



Forensic Biology Test No. 14-575 Summary Report

This proficiency test was sent to 766 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 648 participants (85% response rate) and are compiled into the following tables:

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

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

Manufacturer's Information

Each sample pack consisted of two known bloodstains on FTA Micro cards (Items 1 & 2), and two questioned stains one on clean, striped material (Item 3) and one on clean, light blue material (Item 4). Participants were requested to analyze these items using their existing protocols.

SAMPLE PREPARATION: The stains in Items 1, 2 and 4 were prepared from human whole blood which was either drawn into citric acid preservative bloodbank bags or EDTA tubes. Item 3 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 3 substrate. Items 1 ($75\ \mu\text{l}$), 2 ($75\ \mu\text{l}$) and 4 ($50\ \mu\text{l}$) were created with blood collected from three different male donors. The Item 3 ($50\ \mu\text{l}$) mixture contained the blood from the Item 1 male donor and semen from the same donor that provided blood for Item 4. Stains from different sources were prepared at separate times and were packaged once they were thoroughly dried. Completed sample sets were stored at -20°C until shipment on September 3, 2014 following receipt of predistribution results.

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

Manufacturer's Information, continued

Amelogenin and STR Results

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

	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
1	16,16.3	18,26	12,14	15,17	9,13	11,11
	13,15	15,16	18,19	11,11	9,11	16,18
	11,13	28,29	14,17	X,Y	7,10	21,26
	5,12	8,13	18,18	8,9.3	8,8	15,17
2	15,15	17,22	10,10	14,14	11,11	8,10
	12,14	14,14	18,22	11,13	9,13	12,17
	13,14	27,30	11,15	X,Y	10,12	22,23
	11,13	7,19	18,21	6,8	10,11	17,17
3-Blood	16,16.3	18,26	12,14	15,17	9,13	11,11
	13,15	15,16	18,19	11,11	9,11	16,18
	11,13	28,29	14,17	X,Y	7,10	21,26
	5,12	8,13	18,18	8,9.3	8,8	15,17
3-Semen	11,15	23,25	11,14	15,16	11,12	9,11
	11,16	12,15	19,22	8,12	12,12	15,17
	15.2,16	28,31.2	15,15	X,Y	11,12	20,21
	9,13	11,15	29.2,30.2	9,10	8,11	14,17
4	11,15	23,25	11,14	15,16	11,12	9,11
	11,16	12,15	19,22	8,12	12,12	15,17
	15.2,16	28,31.2	15,15	X,Y	11,12	20,21
	9,13	11,15	29.2,30.2	9,10	8,11	14,17

YSTR Results

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

	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
1	15	11,14	13	28	23	11	13	13
	15	12	11	19	15	16	24	13
	13	18	20	23	10	12	*	
2	14	11,15	14	31	24	11	15	13
	15	12	14	19	16	18	22	12
	13	16	18	23	10	11	*	
3-Blood	15	11,14	13	28	23	11	13	13
	15	12	11	19	15	16	24	13
	13	18	20	23	10	12	*	
3-Semen	14	11,13	13	29	24	11	14	13
	15	12	13	18	16	17	24	13
	12	17	18	23	10	12	*	
4	14	11,13	13	29	24	11	14	13
	15	12	13	18	16	17	24	13
	12	17	18	23	10	12	*	

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

Manufacturer's Information, continued

Mitochondrial DNA Sequencing Results

The nucleotide ranges provided below represent the range tested by a minimum of 75% of participants.

<u>Item</u>	<u>HVR-II</u>	<u>HVR-I</u>
1	1-522	16001-16569
2	34-526	16001-16502
4	35-407	16000-16400

The base deviations presented here are the consensus of results reported by at least ten participants. These results may not represent all base deviations reported by every participant due to the specific nucleotide ranges sequenced by individual participants.

HVRII Region

HVRI Region

	73.0	150.0	152.0	182.0	195.0	198.0	204.0	263.0	315.1	418.0	16114.0	16129.0	16213.0	16223.0	16278.0	16355.0	16362.0	16390.0
ITEM 1	G	T	C	T	C	T	C	G	C	T	A	A	A	T	T	T	C	A

	72.0	93.0	195.0	263.0	309.1	315.1	16298.0
ITEM 2	C	G	C	G	C	C	C

	73.0	249.0	263.0	315.1	16129.0	16172.0	16304.0
ITEM 4	G	-	G	C	A	C	C

Release Date of Manufacturer's Information: 24-November-2014

Summary Comments

The 14-575 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). Items 1, 2 and 4 were created with blood collected from three different male donors. The Item 3 mixture was created using the blood from the Item 1 male donor and semen from the same donor that provided blood for Item 4. (See Manufacturer's Information for preparation details)

Data were returned by a total of 648 participants, 611 of whom reported DNA results. The remaining 37 participants reported only screening results.

Screening Test Results

For Item 3, all 556 participants that reported results for blood were positive. All 552 participants that reported results for semen were positive. All 163 reporting participants were negative for saliva.

For Item 4, all 556 participants that reported results for blood were positive. There were 549 participants that reported negative results for semen, one that was positive and one that was inconclusive. All 149 reporting participants were negative for saliva.

DNA Analysis Results

Of the 611 participants reporting DNA results, 58 did not report interpretations. All of these participants with exception of one stated that they analyzed the samples for database purposes only; the remaining participant left this section blank.

For the Item 3 mixture, 532 participants included the victim (Item 1) as a possible contributor, one excluded the victim (Item 1) and fifteen reported inconclusive. There were 533 participants that excluded the suspect (Item 2) as a possible contributor to the Item 3 mixture and fifteen reported inconclusive. For the Item 4 stain, all 553 reporting participants excluded the victim (Item 1) and the suspect (Item 2) as possible contributors.

Twenty-one participants reported allelic results that dissented from the consensus/predistribution testing results. Nine participants reported additional alleles at one or more loci. Four participants were missing alleles at one or more loci and four reported inconsistent alleles at one or more loci. Three participants performed a differential extraction on Item 4 and reported alleles from the epithelial fraction for the sperm fraction. One participant reported additional alleles and also were missing alleles at multiple loci.

Key for Screening Tests Used

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 stains for body fluid identification and human origin determination.

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
22N8ZD				
Item 3	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	
232X8W				
Item 3	Pos KM	Pos AP, Micro	Neg Amylase, Micro	
Item 4	Pos KM	Neg AP, Micro	Neg Amylase, Micro	
23LWHU				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP, Micro	NT	
24X977				
Item 3	Pos KM	Pos ALS, AP, PSA, Micro	NT	Human Origin, HemaTrace Pos
Item 4	Pos KM	Neg ALS, AP, PSA, Micro	NT	Human Origin, HemaTrace Pos
28C3M4				
Item 3	Pos KM	Pos ALS, AP, Micro, PSA	NT	Human Origin, HemaTrace Pos
Item 4	Pos KM	Neg ALS, AP, Micro, PSA	NT	Human Origin, HemaTrace Pos
2BBRBH				
Item 3	Pos PTMB	Pos AP, Micro	Neg Phadebas	
Item 4	Pos PTMB	Neg AP	Neg Phadebas	
2BU8BZ				
Item 3	Pos LMG, HT	Pos AP, PSA	NT	
Item 4	Pos LMG, HT	Neg AP	NT	
2HUM7Z				
Item 3	Pos TMB	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos TMB	Neg ALS, AP	NT	
2MCHAR				
Item 3	Pos TMB	Pos ALS, AP, p30, Micro	NT	
Item 4	Pos TMB, HemaTrace	Neg ALS	NT	
2MPCRD				
Item 3	Pos KM, HemaTrace	Pos ALS, AP, Micro, PSA	Neg Phadebas paper	Human, Pos Plexor HY
Item 4	Pos KM, HemaTrace	Neg ALS, AP, Micro, PSA	Neg Phadebas paper	Human, Pos Plexor HY

TABLE 1

Fluid ID				
Webcode	Blood	Semen	Saliva	Other
2WVQFD				
Item 3	Pos KM, Takayama	Pos AP, Micro	NT	
Item 4	Pos KM, Takayama	Neg AP, Micro	NT	
2XQAKZ				
Item 3	Pos KM, Takayama	Pos AP, Micro	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
2YKZNT				
Item 3	Pos KM, HemaTrace	Pos AP, PSA	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, PSA	Neg Phadebas	
32LQMZ				
Item 3	Pos TMB	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos TMB	Neg ALS, AP	NT	
33ET4N				
Item 3	Pos O-tol	Pos AP, Micro	Neg Micro	
Item 4	Pos O-tol	Neg AP	NT	
37XYQQ				
Item 3	Pos TMB, PHT	Pos AP, p30, Sperm search	NT	Human Origin, HemaTrace, QF Pos
Item 4	Pos TMB, PHT	Neg ALS, AP	NT	Human Origin, HemaTrace, QF Pos
396JP6				
Item 3	Pos KM, ABACard HemaTrace	Pos AP, PSA	Neg Phadebas Press	
Item 4	Pos KM, ABACard HemaTrace	Neg AP	Neg Phadebas Press	
3AHM9H				
Item 3	Pos KM	Pos AP, p30, Micro		
Item 4	Pos KM	Neg AP, p30, Micro		
3AZWYX				
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT	
Item 4	Pos KM, HemaTrace	Neg AP	NT	
3C6XBA				
Item 3	Pos TMB, HemaTrace	Pos AP, PSA	Neg RSID-Saliva	
Item 4	Pos TMB, HemaTrace	Neg AP	Neg RSID-Saliva	
3FPLT2				
Item 3	Pos KM, Takayama	Pos AP, Micro	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	

TABLE 1

		Fluid ID		
Webcode	Blood	Semen	Saliva	Other
3HTWR6				
Item 3	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	
3J2F8R				
Item 3	Pos Luminol, Hexagon-OBTI	Pos AP		
Item 4	Pos Luminol, Hexagon-OBTI	Neg AP		
3JFQXJ				
Item 3	Pos KM	Pos AP, Micro	NT	ALS, Neg
Item 4	Pos KM	Neg AP	NT	ALS, Neg
3LT3BG				
Item 3	Pos HS, HT	Pos AP, p30, Micro	Neg RSID	
Item 4	Pos HS, HT	Neg AP, p30, Micro	Neg RSID	
3MYLXQ				
Item 3	Pos KM	Pos Micro	NT	Seminal Fluid, AP Neg
Item 4	Pos KM	Neg AP, Micro	NT	
3NYN3M				
Item 3	Pos KM	Pos AP, Micro for Sperm	Neg Amylase Radial Diffusion, Micro for NEC's	
Item 4	Pos KM	Neg AP, Micro for Sperm	Neg Amylase Radial Diffusion, Micro for NEC's	
3PU4FK				
Item 3	Pos KM	Pos AP, Micro	Neg Phadebas	
Item 4	Pos KM	Neg AP, Micro	Neg Phadebas	
3Q8V82				
Item 3	Pos KM, HemaTrace	Pos AP, Seratec, Micro	Neg RSID	
Item 4	Pos KM, HemaTrace	Neg AP, Seratec	Neg RSID	
3VZVNH				
Item 3	Pos KM, Takayama	Pos AP, Micro	Neg Phadebas	Human Origin, Plexor HY Pos
Item 4	Pos KM, Takayama	Neg AP	Neg Phadebas	Human Origin, Plexor HY Pos
3WC8B7				
Item 3	Pos KM, Takayama	Pos AP, Micro	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
3WER62				
Item 3	Pos KM	Pos ALS, AP, Micro	NT	
Item 4	Pos KM	Neg ALS, AP	NT	

TABLE 1

Fluid ID				
Webcode	Blood	Semen	Saliva	Other
3WQ4NK				
Item 3	Pos ABA Heme	Pos PSA, Micro	NT	
Item 4	Pos ABA Heme	Neg PSA, Micro	NT	
3X43VU				
Item 3	Pos O-tol	Pos AP, Micro	NT	
Item 4	Pos O-tol	Neg AP	NT	
3XN8L3				
Item 3	Pos KM, HemaTrace	Pos AP, Seratac, Micro	Neg RSID	
Item 4	Pos KM, HemaTrace	Neg AP, Seratac	Neg RSID	
3ZWJ6P				
Item 3	Pos KM, HemaTrace	Pos AP, Micro, PSA	NT	
Item 4	Pos KM, HemaTrace	Neg AP	NT	
42JHXD				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
43TPYK				
Item 3	Pos KM, HemaTrace	Pos ALS, AP, Micro, p30	NT	
Item 4	Pos KM, HemaTrace	Neg ALS, AP	NT	
4442LA				
Item 3	Pos KM, Takayama	Pos AP, Micro	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
47EG3B				
Item 3	Pos KM, HemaTrace	Pos AP, Micro, PSA	NT	
Item 4	Pos KM, HemaTrace	Neg AP	NT	
489NHM				
Item 3	Pos KM	Pos AP, Micro	Neg Amylase Radial Diffusion	
Item 4	Pos KM	Neg AP, Micro	Neg Amylase Radial Diffusion	
493EN2				
Item 3	Pos TMB, HemaTrace	Pos AP, Micro	NT	
Item 4	Pos TMB, HemaTrace	Neg AP	NT	
494LYN				
Item 3	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT	
Item 4	Pos LMG, HemaTrace	Neg AP, Micro, PSA	NT	
4AXUZX				
Item 3	Pos KM	Pos ALS, AP, Micro	NT	
Item 4	Pos KM	Neg ALS, AP	NT	

TABLE 1

		Fluid ID		
Webcode	Blood	Semen	Saliva	Other
4DFNPQ				
Item 3	Pos LMG, HemaTrace	Pos ALS, AP, PSA (p30), Micro	NT	
Item 4	Pos LMG, HemaTrace	Neg ALS, AP	NT	
4DUMPM				
Item 3	Pos KM, Human glycoporphin A	Pos AP, Micro	Neg Amylase	
Item 4	Pos KM, Human glycoporphin A, HHb, Takayama	Neg, Inc AP, Micro, PSA	NT	
4F2D8H				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
4F2FTF				
Item 3	Pos KM; HemaTrace	Pos AP; Micro	NT	
Item 4	Pos KM; HemaTrace	Neg AP	NT	
4FGJLM				
Item 3	Pos O-tol	Pos ALS, AP, Micro, PSA	Neg Amylase Diffusion	
Item 4	Pos O-tol	Neg ALS, AP, Micro, PSA	Neg Amylase Diffusion	
4KCBTJ				
Item 3	Pos KM	Pos AP, PSA	NT	
Item 4	Pos KM	Neg AP		
4M3KTD				
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT	
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	NT	
4NDZ8Q				
Item 3	Pos KM, HemaTrace	Pos ALS, AP, PSA, Micro	NT	
Item 4	Pos KM, HemaTrace	Neg ALS, AP, PSA, Micro	NT	
4NTTTF				
Item 3	Pos Hemastix, HemaTrace	Pos AP, Micro	Neg RSID-Saliva	
Item 4	Pos Hemastix, HemaTrace	Neg AP	Neg RSID-Saliva	
4UKXPQ				
Item 3	Pos Hemastix	Pos AP	NT	
Item 4	Pos Hemastix	Neg AP		
4WJJ9G				
Item 3	Pos KM, RT-PCR	Pos AP, ALS, PSA	NT	
Item 4	Pos KM, RT-PCR	Neg AP, ALS	NT	
62XYBY				
Item 3	Pos KM, Takayama	Pos AP, Micro	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	

TABLE 1

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
6336K8					
Item 3	Pos Hemastix	Pos Brentamine	NT	Epithelial Cells, Known Exhibit NT	
Item 4	Pos Hemastix	Neg Brentamine	NT	Epithelial Cells, Known Exhibit NT	
638FG4					
Item 3	Pos LMG, HemaTrace	Pos ALS, AP, PSA, Micro	NT		
Item 4	Pos LMG, HemaTrace	Neg ALS, AP, PSA, Micro	NT		
64MXHN					
Item 3	Pos TMB	Pos ALS, AP, Micro	NT		
Item 4	Pos TMB	Neg ALS, AP	NT		
66FT2Q					
Item 3	Pos LMG, Ouchterlony (Anti-HuHb)	Pos AP, PSA, Micro	Neg Amylase, Micro		
Item 4	Pos LMG, Ouchterlony (Anti-HuHb)	Neg AP, PSA, Micro	Neg Amylase, Micro		
67TQJV					
Item 3	Pos KM, Takayama	Pos AP, Micro	NT		
Item 4	Pos KM, Takayama	Neg AP	NT		
682BJC					
Item 3	Pos LMG, HemaTrace	Pos AP, PSA, Micro	Neg RSID		
Item 4	Pos LMG, HemaTrace	Neg AP, PSA	Neg RSID		
6929XD					
Item 3	Pos KM	Pos AP, Micro	NT		
Item 4	Pos KM	Neg AP	NT		
6ABHL6					
Item 3	Pos KM, Seratec HemDirect	Pos AP, Micro	NT		
Item 4	Pos KM, Seratec HemDirect	Neg AP, Micro	NT		
6BKTTM					
Item 3	Pos O-tol	Pos p30, AP	Neg Amylase Diffusion		
Item 4	Pos O-tol	Neg p30, AP	Neg Amylase Diffusion		
6DBYCX					
Item 3	Pos KM	Pos ALS, AP, Micro	NT		
Item 4	Pos KM	Neg ALS, AP	NT		
6EM98Y					
Item 3	Pos KM, LMG, RSID	Pos AP, Micro, PSA	Neg RSID		
Item 4	Pos KM, LMG, RSID	Neg AP, Micro, PSA	Neg RSID		

TABLE 1

Fluid ID					
Webcode	Blood	Semen	Saliva	Other	
6GNF83					
Item 3	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT		
Item 4	Pos LMG, HemaTrace	Neg AP	NT		
6QW47V					
Item 3	Pos KM, HemaTrace	Pos Microscopic, PSA, AP	NT		
Item 4	Pos KM, HemaTrace	Neg AP	NT		
6TLAN7					
Item 3	Pos TMB, Micro	Pos AP, Micro	NT		
Item 4	Pos TMB, Micro	Neg AP	NT		
6W6VNL					
Item 3	Pos PHTH, O-tol, Red brown color	Pos AP, Micro	NT		
Item 4	Pos PHTH, O-tol, Red brown color	Neg AP, Micro	NT		
6Z3HY2					
Item 3	Pos KM, Takayama	Pos AP, Micro	NT		
Item 4	Pos KM, Takayama	Neg AP	NT		
6ZMPCT					
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Microscope	NT		
Item 4	Pos KM, HemaTrace	Neg AP	NT		
76ENB2					
Item 3	Pos KM	Pos AP, Micro	NT		
Item 4	Pos KM	Neg AP	NT		
76QF64					
Item 3	Pos KM, HemaTrace	Pos AP, RSID-Semen	NT	Human Protein, ELISA Speciation Pos	
Item 4	Pos KM, HemaTrace	Neg AP	NT	Human Protein, ELISA Speciation Pos	
774UTD					
Item 3	Pos PTMB	Pos AP	Neg Phadebas		
Item 4	Pos PTMB	Neg AP	Neg Phadebas		
774WHH					
Item 3	Pos KM	Pos AP, Micro	NT		
Item 4	Pos KM	Neg AP	NT		
77A8EN					
Item 3	Pos KM, HemaTrace	Pos AP, p30, Micro	NT		
Item 4	Pos KM, HemaTrace	Neg AP	NT		

TABLE 1

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
77Y9RK					
Item 3	Pos KM, HemaTrace	NT	NT		
Item 4	Pos KM, HemaTrace	NT	NT		
79T4ZT					
Item 3	Pos KM, RSID-Blood	Pos AP, Micro	Neg Phadebas		
Item 4	Pos KM, RSID-Blood	Neg AP, Micro, ABA p30	Neg Phadebas		
7BYGQ8					
Item 3	Pos O-tol	Pos Micro	NT	Human Blood, HemaTrace Pos	
Item 4	Pos O-tol	Neg Micro, AP	NT	Human Blood, HemaTrace Pos	
7G4HMH					
Item 3	Pos KM, Takayama	Pos AP, Micro	NT		
Item 4	Pos KM, Takayama	Neg AP	NT		
7H3HTM					
Item 3	Pos PPTH, O-tol, Red-brown color	Pos AP, Microscopic exam	NT		
Item 4	Pos PPTH, O-tol, Red-brown color	Neg AP, Microscopic exam	NT		
7HZXYR					
Item 3	Pos Luminol, KM, HemDirect, Takayama	Pos ALS, AP, Micro	Neg Amylase		
Item 4	Pos Luminol, KM, Takayama	Neg ALS, AP	Neg Amylase		
7JQQKH					
Item 3	Pos KM	Pos AP, Micro	Neg Amylase, Micro		
Item 4	Pos KM	Neg AP, Micro	Neg Amylase, Micro		
7LJVMH					
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas		
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas		
7WYZHK					
Item 3	Pos O-tol	Pos AP, PSA	Neg Amylase Diffusion	Sperm, Pos Micro	
Item 4	Pos O-tol	Neg AP, PSA	Neg Amylase Diffusion		
7Y4ZN8					
Item 3	Pos HemDirect	Pos AP, PSA, RSID, Micro	Neg RSID		
Item 4	Pos HemDirect	Neg AP, PSA, RSID, Micro	Neg RSID		
7YWYH7					
Item 3	Pos Hemastix	Pos Brentamine			
Item 4	Pos Hemastix	Neg Brentamine			

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
83NAEJ				
Item 3	Pos TMB	Pos AP, ALS, PSA, Micro	NT	
Item 4	Pos TMB	Neg AP, ALS, PSA, Micro	NT	
86AZHA				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
889DY8				
Item 3	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	
8BT7BA				
Item 3	Pos KM, HemaTrace	Pos ALS, AP, Micro, PSA	Neg ALS, Phadebus[sic]	
Item 4	Pos KM, HemaTrace	Neg ALS, AP, Micro, PSA	Neg ALS, Phadebus[sic]	
8BWD A2				
Item 3	Pos KM, Takayama	Pos AP, Micro	NT	
Item 4	Pos KM, Takayama	Neg AP, Micro	NT	
8JFKHK				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
8LBXK6				
Item 3	Pos HemDirect	Pos ALS, AP, Sperm-Hy-liter, RSID-Semen, ABACard p30	Neg RSID-Saliva	
Item 4	Pos HemDirect	Neg ALS, Sperm Hy-liter, RSID-Semen, ABACard p30	Neg RSID-Saliva	
8MQ4ZU				
Item 3	Pos KM, HemaTrace	Pos AP, Micro	NT	
Item 4	Pos KM, HemaTrace	Neg AP, Micro	NT	
8NGFM8				
Item 3	Pos KM	Pos PSA; Micro	NT	
Item 4	Pos KM	Neg PSA	NT	
8T77NH				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
8WELP2				
Item 3	Pos KM, ABACard HemaTrace	Pos AP, p30	Neg Phadebas	
Item 4	Pos KM, ABACard HemaTrace	Neg AP	Neg Phadebas	

TABLE 1

		Fluid ID				
Webcode	Blood	Semen	Saliva	Other		
8X2XWF						
Item 3	Pos KM	Pos ALS, AP, PSA	NT			
Item 4	Pos KM	Neg ALS, AP	NT			
8YCKR9						
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT			
Item 4	Pos KM, HemaTrace	Neg AP	NT			
97V79J						
Item 3	Pos KM	Pos AP, Micro	NT			
Item 4	Pos KM	Neg AP	NT			
98R6HW						
Item 3	Pos KM, Takayama	Pos AP, Micro	NT			
Item 4	Pos KM, Takayama	Neg AP	NT			
998ACN						
Item 3	Pos O-tol	Pos AP, Micro	NT			
Item 4	Pos O-tol	Neg AP	NT			
9BV7WV						
Item 3	Pos TMB	Pos ALS, AP, Micro, PSA	NT			
Item 4	Pos TMB	Neg ALS, AP	NT			
9HACAD						
Item 3	Pos KM	Pos AP, Micro	Neg Phadebas	Human, Pos	Plexor HY	
Item 4	Pos KM	Neg AP, Micro, PSA	NT	Human, Pos	Plexor HY	
9J43FT						
Item 3	Pos TMB	Pos ALS, AP, PSA, Micro	NT			
Item 4	Pos TMB	Neg ALS, AP	NT			
9JYM27						
Item 3	Pos RSID	Pos RSID	NT			
Item 4	Pos RSID	Neg RSID	NT			
9MMXJK						
Item 3	Pos TMB	Pos ALS, AP, PSA, Micro	NT			
Item 4	Pos TMB	Neg ALS, AP, PSA, Micro	NT			
9Q9NMA						
Item 3	Pos KM	Pos AP, Micro	NT			
Item 4	Pos KM	Neg AP	NT			
9WU448						
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas			
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas			

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
9WUJJ8				
Item 3	Pos KM	Pos AP, Micro, p30	Neg Phadebas	Species-Human, OBTI Pos
Item 4	Pos KM	Neg AP	NT	Species-Human, OBTI Pos
9X4C7Z				
Item 3	Pos KM, Takayama	Pos AP, Micro	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
9ZDGNV				
Item 3	Pos KM, Combur (TMB)	Pos AP, Micro-Sperm, PSA	Neg Phadebas	
Item 4	Pos KM, Combur (TMB)	Neg AP, PSA	Neg Phadebas	
A46KX8				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
A4PNKT				
Item 3	Pos KM, Takayama	Pos AP, Micro	NT	
Item 4	Pos KM, Takayama	Neg AP, Micro	NT	
A6JM72				
Item 3	Pos KM	Pos AP, Micro	Neg RSID-Saliva	
Item 4	Pos KM	Neg AP	Neg RSID-Saliva	
A9GV7M				
Item 3	Pos Luminol, KM, Takayama, HemDirect	Pos AP, Micro, ALS	Neg Amylase Diffusion	
Item 4	Pos Luminol, KM, Takayama, HemDirect	Neg AP, ALS	Neg Amylase Diffusion	
AAVPVH				
Item 3	Pos LMG	Pos Micro, PSA	NT	
Item 4	Pos LMG	Neg Micro, PSA	NT	
ACLVDU				
Item 3	Pos KM, LMG, RSID	Pos AP, PSA, Micro	Neg RSID	
Item 4	Pos KM, LMG, RSID	Neg AP, PSA, Micro	Neg RSID	
AGUCN4				
Item 3	Pos Hemastix, HemDirect	Pos AP, p30, Semenogelin, Micro	Neg RSID-Saliva	
Item 4	Pos Hemastix, HemDirect	Neg AP, p30, Semenogelin, Micro	Neg RSID-Saliva	
AH98JN				
Item 3	Pos LMG	Pos AP, Micro	NT	
Item 4	Pos LMG	Neg AP	NT	

TABLE 1

Fluid ID				
Webcode	Blood	Semen	Saliva	Other
AL662M				
Item 3	Pos LMG, Ouchterlony w/ anti huhb	Pos Micro, AP, p30	NT	
Item 4	Pos LMG, Ouchterlony w/ anti huhb	Neg Micro, AP, p30	NT	
AMEFGD				
Item 3	NT	Pos AP, PSA, Micro	NT	
Item 4	NT	Neg AP	NT	
AP7D2R				
Item 3	Pos LMG HT	Pos AP PSA	NT	
Item 4	Pos LMG HT	Neg AP	NT	
AT32HY				
Item 3	Pos LMG, HemaTrace	Pos Brentamine, Microscopic, PSA	NT	
Item 4	Pos LMG, HemaTrace	Neg Brentamine	NT	
AWADME				
Item 3	Pos TMB	Pos AP, Micro	NT	
Item 4	Pos TMB	Neg AP, Micro	NT	
AWN8EU				
Item 3	Pos KM	Pos ALS, AP, Micro	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
AZTVUJ				
Item 3	Pos O-tol, PPTH, Red-brown	Pos AP, Micro	NT	
Item 4	Pos O-tol, PPTH, Red-brown	Neg AP, Micro	NT	
B38EC8				
Item 3	Pos KM, OBTI	Pos ALS, AP, Micro, PSA	Neg Phadebas	
Item 4	Pos KM, OBTI	Neg ALS, AP, Micro, PSA	Neg Phadebas	
B6EKY9				
Item 3	Pos LMG, HemaTrace	Pos AP, PSA, Micro	NT	
Item 4	Pos LMG, HemaTrace	Neg AP, PSA, Micro	NT	
B6U77P				
Item 3	Pos O-tol	Pos AP, PSA	NT	
Item 4	Pos O-tol	Neg AP	NT	
B7L74Z				
Item 3	Pos LMG	Pos PSA, SM	NT	
Item 4	Pos LMG	Neg PSA, SM		
B8EY4K				
Item 3	Pos HemDirect	Pos PSA		
Item 4	Pos HemDirect	Neg PSA		

TABLE 1

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
B9FL3C					
Item 3	Pos KM, Takayama	Pos AP, Micro, PSA	Neg RSID	Human Origin, Pos PlexorHY	
Item 4	Pos KM, Takayama, HemaTrace	Neg AP	NT	Human Origin, Pos HemaTrace, PlexorHY	
BB38RT					
Item 3	Pos KM, LMG, RSID-Blood	Pos AP, Micro, PSA	Neg RSID-Saliva		
Item 4	Pos KM, LMG, RSID-Blood	Neg AP, Micro, PSA	Neg RSID-Saliva		
BCV8N4					
Item 3	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT		
Item 4	Pos LMG, HemaTrace	Neg AP	NT		
BE64GM					
Item 3	Pos TMB, HemaTrace	Pos ALS, AP, PSA, Micro			
Item 4	Pos TMB	Neg ALS, AP, PSA, Micro			
BJGBF8					
Item 3	Pos KM	Pos PSA	Neg Phadebas Amylase		
Item 4	Pos KM	Neg PSA	Neg Phadebas Amylase		
BJW8U6					
Item 3	Pos KM, HemaTrace	Pos AP, Micro, PSA	Neg Phadebas		
Item 4	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas		
BMXFCG					
Item 3	Pos KM	Pos AP, Micro	NT		
Item 4	Pos KM	Neg AP, Micro	NT		
BPKMP4					
Item 3	Pos Hemastix, HemaTrace	Pos AP, p30, Micro	Neg RSID-Saliva		
Item 4	Pos Hemastix, HemaTrace	Neg AP	NT		
BPMEGJ					
Item 3	Pos KM, Takayama	Pos AP, Micro	NT		
Item 4	Pos KM, Takayama	Neg AP, Micro	NT		
BPPZBE					
Item 3	Pos LMG	Pos AP, Micro	NT		
Item 4	Pos LMG	Neg AP	NT		
BQF7TP					
Item 3	Pos KM	Pos ALS, AP, Micro	NT		
Item 4	Pos KM	Neg ALS, AP	NT		

TABLE 1

		Fluid ID		
Webcode	Blood	Semen	Saliva	Other
BRN3WN				
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT	
Item 4	Pos KM, HemaTrace	Neg AP	NT	
BTMQBY				
Item 3	Pos KM, Takayama	Pos AP, Micro	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
BUH9EK				
Item 3	Pos TMB, HemaTrace	Pos ALS, AP, PSA, Micro	NT	
Item 4	Pos TMB, HemaTrace	Neg ALS, AP	NT	
BZ4F2E				
Item 3	Pos KM	Pos ALS, AP, Micro, PSA	Neg ALS, Phadebus[sic]	
Item 4	Pos KM	Neg ALS, AP, Micro, PSA	Neg ALS, Phadebus[sic]	
C2TEGP				
Item 3	Pos TMB	Pos ALS, AP, PSA, Micro	NT	
Item 4	Pos TMB	Neg ALS, AP	NT	
C8929F				
Item 3	Pos Hemoglonina Humana[sic]	Pos PSA	NT	
Item 4	Pos Hemoglonina Humana[sic]	Neg PSA	NT	
CBY9MB				
Item 3	Pos KM	Pos AP, Micro		
Item 4	Pos KM	Neg AP		
CCRXCX				
Item 3	Pos KM, Hemastix, HemaTrace	Pos AP, PSA, Micro	Neg RSID	
Item 4	Pos KM, Hemastix, HemaTrace	Neg AP	Neg RSID	
CCWX8C				
Item 3	Pos LMG	Pos ALS, AP, Micro		
Item 4	Pos LMG	Neg ALS, AP		
CE3XEJ				
Item 3	Pos LMG, HemaTrace	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos LMG, HemaTrace	Neg ALS, AP	NT	
CE8QNY				
Item 3	Pos TMB, KM, HemaTrace	Pos ALS, AP, PSA, Micro	NT	
Item 4	Pos TMB, KM, HemaTrace	Neg ALS, AP, PSA	NT	
CEM4PN				
Item 3	Pos KM	Pos ALS, AP, Micro	NT	
Item 4	Pos KM	Neg ALS, AP	NT	

TABLE 1

		Fluid ID				
Webcode	Blood	Semen	Saliva	Other		
CFC84B						
Item 3	Pos KM	Pos AP, Micro	NT			
Item 4	Pos KM	Neg AP	NT			
CFQF96						
Item 3	Pos KM	Pos AP, Micro	NT			
Item 4	Pos KM	Neg AP	NT			
CG6X9P						
Item 3	Pos KM	Pos ALS, Micro	NT	No validated procedure		
Item 4	Pos KM	Neg ALS, Micro, p30	NT	No validated procedure		
CHEZ2F						
Item 3	Pos TMB	Pos ALS, AP, Micro, PSA	NT		Human, Pos	HemaTrace
Item 4	Pos TMB	Neg ALS, AP	NT		Human, Pos	HemaTrace
CHJVRT						
Item 3	Pos KM, Takayama	Pos AP, Micro	NT			
Item 4	Pos KM, Takayama	Neg AP, Micro	NT			
CKM6NC						
Item 3	Pos KM, OBTI	Pos ALS, AP, Micro, PSA	Neg ALS, Phadebas			
Item 4	Pos KM, OBTI	Neg ALS, AP, Micro, PSA	Neg ALS, Phadebas			
CR7TFD						
Item 3	Pos KM, glycophorin A	Pos AP, Micro	Neg Phadebas			
Item 4	Pos KM, glycophorin A, Hemoglobin	Neg AP, Micro, p30	NT			
CUAN22						
Item 3	Pos KM, Takayama	Pos AP, Micro	NT			
Item 4	Pos KM, Takayama	Neg AP	NT			
CUCNBW						
Item 3	Pos LMG, HemaTrace	Pos AP, PSA, Micro	NT		Neg	ALS
Item 4	Pos LMG, HemaTrace	Neg AP, PSA, Micro	NT		Neg	ALS
CVPNJ7						
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas			
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas			
CWXXC3						
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas			
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas			
CY6HY3						
Item 3	Pos KM, HemaTrace	Pos AP, Micro, PSA	Neg Phadebas			
Item 4	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas			

TABLE 1

Webcode	Fluid ID		Semen	Saliva	Other
	Blood				
CYM8JJ					
Item 3	Pos	O-tol	Pos	AP, Micro	NT
Item 4	Pos	O-tol	Neg	AP	NT
CZFRYA					
Item 3	Pos	Abacus Heme	Pos	PSA, Micro	
Item 4	Pos	Abacus Heme	Neg	PSA, Micro	
D3HXAA					
Item 3	Pos	KM	Pos	AP, ALS, Micro	NT
Item 4	Pos	KM	NT		NT
D6QTNR					
Item 3	Pos	KM, Takayama	Pos	AP, Micro	NT
Item 4	Pos	KM, Takayama	Neg	AP	NT
D7L92N					
Item 3	Pos	KM, Takayama	Pos	AP, Micro	NT
Item 4	Pos	KM, Takayama	Neg	AP, Micro	NT
D8F2W8					
Item 3	Pos	KM	Pos	AP, Micro, PSA	
Item 4	Pos	KM	Neg	AP, Micro, PSA	
D8FY73					
Item 3	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	Neg Phadebas
Item 4	Pos	KM, HemaTrace	Neg	AP, PSA, Micro	Neg Phadebas
D9QBXZ					
Item 3	Pos	KM	Pos	AP, PSA, Micro	Neg RSID
Item 4	Pos	KM	Neg	AP	Neg RSID
DECAN9					
Item 3	Pos	KM, HemaTrace	Pos	AP, Micro	NT
Item 4	Pos	KM, HemaTrace	Neg	AP	NT
DERQJ2					
Item 3	Pos	KM, HemaTrace	Pos	AP, p30, Micro	Neg Amylase
Item 4	Pos	KM, HemaTrace	Neg	AP, p30, Micro	Neg Amylase
DGZ9TB					
Item 3	Pos	KM	Pos	AP, Micro	NT
Item 4	Pos	KM	Neg	AP	NT
DGZ9VW					
Item 3	Pos	O-tol	Pos	AP, Micro	NT
Item 4	Pos	O-tol	Neg	AP	NT

TABLE 1

		Fluid ID		
Webcode	Blood	Semen	Saliva	Other
DHE3QJ				
Item 3	Pos LMG	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos LMG, HemaTrace	Neg ALS, AP	NT	
DJNJBB				
Item 3	Pos KM, OBTI	Pos ALS, AP, Micro	NT	
Item 4	Pos KM, OBTI	Neg ALS, AP, Micro	NT	
DK4JUJ				
Item 3	Pos KM	Pos PSA, Micro	NT	
Item 4	Pos KM	Neg PSA, Micro	NT	
DPWTR6				
Item 3	Pos KM, HemaTrace Card	Pos AP, PSA, Micro	NT	
Item 4	Pos KM, HemaTrace Card	Neg AP, PSA, Micro	NT	
DTT8P3				
Item 3	Pos KM, OBTI	Pos ALS, AP, Micro	NT	
Item 4	Pos KM, OBTI	Neg ALS, AP	NT	
DTWEMA				
Item 3	Pos KM	Pos AP, Micro		
Item 4	Pos KM	Neg AP, Micro		
DWWMVQ				
Item 3	Pos KM, Takayama	Pos AP, Micro	NT	
Item 4	Pos KM, Takayama	Neg AP, Micro	NT	
DZTN3U				
Item 3	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	
DZZNBA				
Item 3	Pos KM	Pos AP, Micro, PSA	Neg RSID	Human, Pos Plexor H/Y
Item 4	Pos KM	Neg AP	NT	Human, Pos Plexor H/Y
E2LWMH				
Item 3	Pos KM	Pos ALS, AP, Micro, PSA	Neg Amylase	
Item 4	Pos KM	Neg ALS, AP, Micro, PSA	Neg Amylase	
E2LYDM				
Item 3	Pos LMG, HT	Pos AP, Micro	NT	
Item 4	Pos LMG, HT	Neg AP	NT	

TABLE 1

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
E3WRDG					
Item 3	Pos LMG	Pos ALS, AP, Micro, PSA	NT	Human Origin, HemaTrace Pos	
Item 4	Pos LMG	Neg ALS, AP	NT	Human Origin, HemaTrace Pos	
E4ALV3					
Item 3	Pos KM, HemaTrace	Pos AP, ABACard p30, Micro	NT		
Item 4	Pos KM, HemaTrace	Neg AP	NT		
E62GFP					
Item 3	Pos KM, HemaTrace	Pos AP, Seratec, Micro	Neg RSID		
Item 4	Pos KM, HemaTrace	Neg AP, Seratec	Neg RSID		
E6769H					
Item 3	Pos O-tol, RSID	Pos AP, Micro	NT	Semen, Neg ALS	
Item 4	Pos O-tol, RSID	Neg AP, ALS	NT		
E7HHG7					
Item 3	Pos KM, HemaTrace	Pos AP, Micro	NT		
Item 4	Pos KM, HemaTrace	Neg AP	NT		
E9J8TT					
Item 3	Pos KM, ABACard	Pos AP, PSA	Neg Phadebas Press		
Item 4	Pos KM, ABACard	Neg AP	Neg Phadebas Press		
EA2Y7J					
Item 3	Pos LMG	Pos AP, Micro			
Item 4	Pos LMG	Neg AP			
EC9Q78					
Item 3	Pos KM	Pos AP, Micro	NT		
Item 4	Pos KM	Neg AP	NT		
ECMGRW					
Item 3	Pos Hemastix, HemaTrace	Pos AP, PSA, Micro	Neg RSID		
Item 4	Pos Hemastix, HemaTrace	Neg AP, PSA, Micro	Neg RSID		
EDEHP8					
Item 3	Pos KM	Pos AP	NT		
Item 4	Pos KM	Neg AP	NT		
EGXDRY					
Item 3	Pos KM	Pos AP, Micro, PSA	Neg Phadebas		
Item 4	Pos KM	Neg AP, Micro, PSA	Neg Phadebas		

TABLE 1

		Fluid ID				
Webcode	Blood	Semen	Saliva	Other		
EJMAAJ						
Item 3	Pos KM, aHHb (HemaTrace)	Pos AP, CT, p30	NT			
Item 4	Pos KM, HemaTrace	Neg AP, CT, p30	NT			
EMND27						
Item 3	Pos KM	Pos AP, p30, Micro				
Item 4	Pos KM	Neg AP, p30, Micro				
EPDAJR						
Item 3	Pos KM	Pos ALS, AP, PSA, Micro	NT	Human Origin, HemaTrace Pos		
Item 4	Pos KM	Pos ALS, AP, PSA, Micro	NT	Human Origin, HemaTrace Pos		
ET7BHK						
Item 3	Pos LMG	Pos AP, PSA	Neg RSID-Saliva			
Item 4	Pos LMG	Neg AP	Neg RSID-Saliva			
EUN3VC						
Item 3	Pos LMG	Pos AP, Micro	NT			
Item 4	Pos LMG	Neg AP, Micro	NT			
EWQQ4R						
Item 3	Pos KM, Combur (TMB)	Pos AP, Microscopy-Sperm, PSA	Neg Phadebas			
Item 4	Pos KM, Comubr[sic] (TMB)	Neg AP, PSA	Neg Phadebas			
EZWGJ3						
Item 3	Pos KM	Pos AP, Micro	NT			
Item 4	Pos KM	Neg AP	NT			
F3D99A						
Item 3	Pos TMB	Pos ALS, AP, Micro	NT			
Item 4	Pos TMB	Neg ALS, AP, Micro	NT			
F6FDE3						
Item 3	Pos Phenolphthalein(KM), HemaTrace	Pos ALS, AP, Micro, PSA	Neg ALS, RSID-Saliva			
Item 4	Pos Phenolphthalein (KM), HemaTrace	Neg ALS, AP, PSA	Neg ALS, RSID-Saliva			
F6JW37						
Item 3	Pos KM, HemaTrace	Pos AP, Micro	NT			
Item 4	Pos KM, HemaTrace	Neg AP	NT			
F6K3VE						
Item 3	Pos KM	Pos AP, Micro, PSA	NT			
Item 4	Pos KM	Neg AP, Micro, PSA	NT			

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
F7X4NM				
Item 3	Pos LMG, HT	Pos AP, p30	NT	
Item 4	Pos LMG, HT	Neg AP	NT	
F93B3E				
Item 3	Pos KM	Pos ALS, AP, Micro	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
FAEHE3				
Item 3	Pos KM, HemaTrace	Pos AP, p30, Micro	NT	
Item 4	Pos KM, HemaTrace	Neg AP, p30	NT	
FB9VQE				
Item 3	Pos KM	Pos ALS, AP, Micro	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
FBTGKP				
Item 3	Pos Hemastix	Pos AP, Micro	NT	
Item 4	Pos Hemastix	Neg AP	NT	
FC4QMH				
Item 3	Pos TMB/PHT/HemaTrace	Pos AP/p30(PSA)/Micro/ ALS	NT	
Item 4	Pos TMB/PHT/HemaTrace	Neg AP/p30(PSA)/Micro/ ALS	NT	
FC4QP4				
Item 3	Pos KM, HemaTrace	Pos Micro, PSA	Neg RSID	
Item 4	Pos KM, HemaTrace	Neg Micro, PSA	Neg RSID	
FH76Z8				
Item 3	Pos ABA heme card	Pos PSA, Micro	NT	
Item 4	Pos ABA heme card	Neg PSA, Micro	NT	
FQ2DWC				
Item 3	Pos KM	Pos AP & Micro	NT	
Item 4	Pos KM	Neg AP & Micro	NT	
FUWWNG				
Item 3	Pos Hemastix and Hexagon OBTI	Pos Phoshatesmo[sic] and PSA strip test	Neg RSID-Saliva	
Item 4	Pos Hemastix and Hexagon OBTI	Neg Phoshatesmo[sic] and PSA strip test	Neg RSID-Saliva	
FV FHJT				
Item 3	Pos LMG	Pos AP, PSA	Neg RSID-Saliva	
Item 4	Pos LMG	Neg AP	Neg RSID-Saliva	

TABLE 1

		Fluid ID		
Webcode	Blood	Semen	Saliva	Other
FWL38T				
Item 3	Pos LMG	Pos AP, PSA	Neg	RSID-Saliva
Item 4	Pos LMG	Neg AP	Neg	RSID-Saliva
FXJD73				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
FXUFD9				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
FXZZPW				
Item 3	Pos KM, Takayama	Pos AP, Micro	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
FYP26E				
Item 3	Pos LMG	Pos AP, Micro	Neg	Amylase
Item 4	Pos LMG	Neg AP, Micro	Neg	Amylase
FZ6M6M				
Item 3	Pos KM, Takayama	Pos AP, Micro	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
G2EPF8				
Item 3	Pos KM	Pos AP, Micro	Neg	Phadebas
Item 4	Pos KM	Neg AP, Micro	Neg	Phadebas
G38FLL				
Item 3	Pos O-tol	Pos AP, Micro, PSA	NT	
Item 4	Pos O-tol	Neg AP, Micro, PSA	NT	
G6WNT2				
Item 3	Pos KM Test	Pos AP Test, Micro Exam	NT	
Item 4	Pos KM Test	Neg AP Test	NT	
G82AMT				
Item 3	Pos PTMB	Pos ALS, AP, Micro	NT	
Item 4	Pos PTMB	Neg ALS, AP	NT	
G8HL6Y				
Item 3	Pos HemaTrace	Pos ABACard p30, AP, Micro	NT	
Item 4	Pos HemaTrace	Neg ABACard p30, AP	NT	
GBNUQC				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	

TABLE 1

		Fluid ID				
Webcode	Blood	Semen	Saliva	Other		
GCEFEE						
Item 3	Pos KM	Pos AP, Micro	NT			
Item 4	Pos KM	Neg AP	NT			
GE2WBM						
Item 3	Pos O-tol	Pos AP, PSA	NT			
Item 4	Pos O-tol	Neg AP, PSA	NT			
GH4328						
Item 3	Pos KM	Pos AP, Micro	NT			
Item 4	Pos KM	Neg AP	NT			
GHH7HY						
Item 3	Pos KM, OBTI	Pos ALS, AP, Micro, PSA	Neg Phadebas			
Item 4	Pos KM, OBTI	Neg ALS, AP, Micro, PSA	Neg Phadebas			
GHKCXE						
Item 3	Pos KM	Pos AP, Micro, ALS	NT			
Item 4	Pos KM	Neg AP, Micro, ALS	NT			
GHWQTW						
Item 3	Pos Hemastix	Pos Brentamine				
Item 4	Pos Hemastix	Neg				
GKLT6C						
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas			
Item 4	Pos KM, HemaTrace	Neg AP, PSA	Neg Phadebas			
GKU9JH						
Item 3	Pos KM	Pos AP+, Microscope				
Item 4	Pos KM	Neg p30 -, Microscope				
GLLRK4						
Item 3	Pos KM, Takayama	Pos AP, Micro, PSA	Neg RSID	Human Origin, Plexor HY Pos		
Item 4	Pos KM, HemaTrace	Neg AP	Neg RSID	Human Origin, HemaTrace, Plexor Pos HY		
GNNV4D						
Item 3	Pos PTMB	Pos AP, Micro	NT			
Item 4	Pos PTMB	Neg AP	NT			
GQX9YE						
Item 3	Pos KM	Pos ALS, AP, Micro	Neg Phadebas	Human DNA, Pos Quantifiler Duo		
Item 4	Pos KM	Neg ALS, AP, Micro	Neg Phadebas	Human DNA, Pos Quantifiler Duo		

TABLE 1

Fluid ID				
Webcode	Blood	Semen	Saliva	Other
GRACLY				
Item 3	Pos Visual examination, Luminol, KM, Takayama, HemDirect	Pos AP, Micro, ALS	Neg Amylase Diffusion	
Item 4	Pos Visual examination, Luminol, KM, Takayama, HemDirect	Neg ALS, AP, Micro	Neg Amylase Diffusion	
GUFWAY				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
GV9TV8				
Item 3	Pos HemaTrace	Pos ALS, AP, p30, Micro-Xmas Tree	NT	
Item 4	Pos HemaTrace	Neg ALS, AP, p30, Micro-Xmas Tree	NT	
H4J6DH				
Item 3	Pos KM, Takayama	Pos AP, Micro	NT	
Item 4	Pos KM, Takayama	Neg AP, Micro	NT	
H8XK3A				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP, Micro	NT	
H9WMRD				
Item 3	Pos O-tol	Pos AP, Micro	NT	
Item 4	Pos O-tol	Neg AP	NT	
HBLJE7				
Item 3	Pos TMB	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos TMB	Neg ALS, AP, Micro, PSA	NT	
HCA267				
Item 3	Pos KM, OBTI	Pos ALS, AP, Micro, p30	Neg Phadebas	
Item 4	Pos KM, OBTI	Neg ALS, AP, Micro, p30	Neg Phadebas	
HD3FMA				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP, Micro	NT	
HFA73K				
Item 3	Pos O-tol	Pos AP, Micro, PSA	NT	
Item 4	Pos O-tol	Neg AP, Micro, PSA	NT	
HFQK99				
Item 3	Pos KM	Pos AP, Micro exam for Sperm	Neg Radial Diffusion, Micro for E. cells	
Item 4	Pos KM	Neg AP, Micro exam for Sperm	Neg Radial Diffusion, Micro for E. cells	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
HHYEBZ				
Item 3	Pos KM, HT	Pos AP, Micro	Neg Phadebas	
Item 4	Pos KM, HT	Neg AP, Micro	Neg Phadebas	
HJC2QT				
Item 3	Pos KM	Pos AP, PSA, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
HLXX78				
Item 3	Pos KM	Pos ALS, AP, Micro, p30	NT	OBTI/Human, OBTI Pos
Item 4	Pos KM	Neg ALS, AP, Micro, p30		Human, Pos OBTI
HQ7G6Y				
Item 3	Pos KM, RG	Pos AP, PSA	NT	
Item 4	Pos KM, RG	Neg AP	NT	
HQBQ8X				
Item 3	Pos TMB, HemaTrace	Pos PSA, Micro	Neg RSID-Saliva	
Item 4	Pos TMB, HemaTrace	Neg PSA	Neg RSID-Saliva	
HWJ8H8				
Item 3	Pos TMB	Pos AP, p30, Micro	NT	
Item 4	Pos TMB	Neg AP, Micro	NT	
HY4YRN				
Item 3	Pos KM	Pos ALS, AP, PSA, Micro	NT	Human Origin, HemaTrace Pos
Item 4	Pos KM	Neg ALS, AP, PSA, Micro	NT	Human Origin, HemaTrace Pos
HYKTDB				
Item 3	Pos KM, HemaTrace	Pos Seri AP, PSA	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg Seri AP, PSA	Neg Phadebas	
HYMBJM				
Item 3	Pos TMB	Pos AP, Microscopy	NT	
Item 4	Pos	Neg AP	NT	
HYR3MJ				
Item 3	Pos TMB	Pos ALS, AP, PSA, Micro	NT	
Item 4	Pos TMB	Neg ALS, AP	NT	
HZGKF6				
Item 3	Pos KM	Pos AP	NT	
Item 4	Pos KM	Neg AP	NT	

TABLE 1

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
JBV3DU					
Item 3	Pos KM	Pos AP, Micro	Neg RSID		
Item 4	Pos KM	Neg AP	Neg RSID		
JHH46K					
Item 3	Pos TMB, KM	Pos AP, PSA, Micro	Neg Phadebas		
Item 4	Pos TMB, KM	Neg AP, PSA	Neg Phadebas		
JLBWNM					
Item 3	Pos KM	Pos ALS, AP, Micro, PSA	NT	Human Origin, HemaTrace Pos	
Item 4	Pos KM	Inc ALS, AP, Micro, PSA	NT	Human Origin, HemaTrace Pos	
JQPZNH					
Item 3	Pos KM	Pos ALS, AP, Micro	Neg Amylase		
Item 4	Pos KM	Neg ALS, AP	NT		
JRKZT4					
Item 3	Pos HemaTrace	Pos AP, Micro	NT		
Item 4	Pos HemaTrace	Neg AP	NT		
JRZCFE					
Item 3	Pos HemaTrace, KM	Pos PSA, AP, Micro	NT		
Item 4	Pos HemaTrace, KM	Neg AP	NT		
JTCRR8					
Item 3	Pos KM	Pos AP, Micro	NT		
Item 4	Pos KM	Neg AP, Micro	NT		
JYLCT7					
Item 3	Pos KM, species Ouchterlony	Pos AP, p30 immunoassay, Micro	Neg Amylase Radial Diffusion, Micro	Human Species, species Ouchterlony Pos	
Item 4	Pos KM, species Ouchterlony	Neg AP, p30 immunoassay, Micro	Neg Amylase, Radial Diffusion, Micro	Human Species, species Ouchterlony Pos	
K4BAV3					
Item 3	Pos LMG, HemDirect	Pos PSA, RSID-Semen, Micro	Neg RSID-Saliva		
Item 4	Pos LMG, HemDirect	Neg PSA, RSID-Semen, Micro	Neg RSID-Saliva		
K66Z2G					
Item 3	Pos O-tol	Pos AP, PSA, Micro	NT		
Item 4	Pos O-tol	Neg AP, PSA	NT		
K68KVC					
Item 3	Pos TMB	Pos ALS, AP, Micro, p30	NT		
Item 4	Pos TMB	Neg ALS, AP	NT		

TABLE 1

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
K7HWJL					
Item 3	Pos KM, Takayama	Pos AP, Micro	NT		
Item 4	Pos KM, Takayama	Neg AP	NT		
K7WZYR					
Item 3	Pos LMG, HemaTrace	Pos AP, PSA	NT		
Item 4	Pos LMG, HemaTrace	Neg AP, PSA	NT		
KGFVBR					
Item 3	Pos Hemastix, HemaTrace	NT	NT		
Item 4	Pos Hemastix, HemaTrace	NT	NT		
KJQ6F6					
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT		
Item 4	Pos KM, HemaTrace	Neg AP	NT		
KJQ86A					
Item 3	Pos TMB, PHT	Pos ALS, AP, Micro, PSA	NT	Human Origin, HemaTrace Pos	
Item 4	Pos TMB, PHT	Neg ALS, AP	NT	Human Origin, HemaTrace Pos	
KPBCQH					
Item 3	Pos LMG, HT	Pos AP, Micro	NT	Human, Pos QUANT Duo	
Item 4	Pos LMG, HT	Neg AP, Micro	NT	Human, Pos QUANT Duo	
KPN4JZ					
Item 3	Pos KM, HemaTrace	Pos AP, Micro	NT		
Item 4	Pos KM, HemaTrace	Neg AP	NT		
KPP2UV					
Item 3	Pos KM	Pos AP, Micro	NT		
Item 4	Pos KM	Neg AP, Micro	NT		
KQ9NQR					
Item 3	Pos Pheno*, Hemastix, HemaTrace	Pos AP, Micro, PSA	Neg RSID		
Item 4	Pos Pheno*, Hemastix, HemaTrace	Neg AP	Neg RSID		
KRNF3T					
Item 3	Pos Hemastix (Hem (+))	Pos Brentamine (Brent (+))			
Item 4	Pos Hemastix	Neg Brentamine			
KUNDU2					
Item 3	Pos KM	Pos AP, Micro	NT		
Item 4	Pos KM	Neg AP	NT		

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
KVG4ZF				
Item 3	Pos O-tol	Pos AP, Micro	NT	
Item 4	Pos O-tol	Neg AP	NT	
KVKNUB				
Item 3	Pos LMG, HemaTrace	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos LMG, HemaTrace	Neg ALS, AP	NT	
KVFWZ				
Item 3	Pos KM	Pos AP, ALS, PSA	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
KWA4XR				
Item 3	Pos LMG	Pos SM	NT	
Item 4	Pos LMG	Neg SM	NT	
KYKAQZ				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP, Micro	NT	
L49YGB				
Item 3	Pos TMB, HemaTrace	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos TMB, HemaTrace	Neg ALS, AP, Micro, PSA	NT	
L4PXRN				
Item 3	Pos LMG	Pos AP, PSA	Neg RSID-Saliva	
Item 4	Pos LMG	Neg AP	Neg RSID-Saliva	
L7E7Z4				
Item 3	Pos KM, ABACard-HemaTrace	Pos AP, ALS, Micro, PSA	NT	
Item 4	Pos KM, ABACard-HemaTrace	Neg AP, ALS, Micro, PSA	NT	
L8QT4G				
Item 3	Pos KM, Takayama	Pos AP, Micro	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
L9FCEA				
Item 3	NT	NT	NT	Human, Pos Quantifiler Duo
Item 4	NT	NT	NT	Human, Pos Quantifiler Duo
LBQCFA				
Item 3	Pos KM, Hexagon OBTI	Pos AP, RSID-Semen, PSA	NT	
Item 4	Pos KM, Hexagon OBTI	Neg AP	NT	
LDFLMQ				
Item 3	Pos KM	Pos AP, Micro	Neg RSID	
Item 4	Pos KM	Neg AP	Neg RSID	

TABLE 1

		Fluid ID		
Webcode	Blood	Semen	Saliva	Other
LE6R72				
Item 3	Pos ABAHeme	Pos PSA, Micro	NT	
Item 4	Pos ABAHeme	Neg PSA, Micro	NT	
LFVDYQ				
Item 3	Pos Hemastix	Pos AP		
Item 4	Pos Hemastix	Neg AP		
LGUPML				
Item 3	Pos KM, Takayama	Pos AP, Micro	NT	
Item 4	Pos KM, Takayama	Neg AP, Micro	NT	
LJ3B7E				
Item 3	Pos KM, HemaTrace	Pos AP, Microscopy		
Item 4	Pos KM, HemaTrace	Neg AP, Microscopy	NT	
LJ3U6F				
Item 3	Pos KM	Pos ALS, AP, Micro	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
LMZTMF				
Item 3	Pos O-tol	Pos AP, Micro, ALS		
Item 4	Pos O-tol	Neg AP, ALS		
LNVDYXK				
Item 3	Pos Combur (TMB), KM	Pos AP, PSA, Micro	Neg Phadebas	
Item 4	Pos Combur (TMB), KM	Neg AP, PSA	Neg Phadebas	
LP7BMW				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
LQ2ZKX				
Item 3	Pos KM, RTPCR	Pos AP, PSA, ALS	NT	
Item 4	Pos KM, RTPCR	Neg AP, ALS	NT	
LRC7D8				
Item 3	Pos KM, HemaTrace	Pos AP, PSA	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, PSA	Neg Phadebas	
LRXW7R				
Item 3	Pos O-tol	Pos AP, Micro	NT	Human Blood, HemaTrace Pos
Item 4	Pos O-tol	Neg AP	NT	Human Blood, HemaTrace Pos

TABLE 1

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
LWMB7					
Item 3	Pos KM	Pos AP, Micro	NT		
Item 4	Pos KM	Neg AP, Micro	NT		
LXLLPG					
Item 3	Pos KM, Takayama	Pos AP, Micro	NT		
Item 4	Pos KM, Takayama	Neg AP	NT		
LYD87T					
Item 3	Pos Visual Examination, Luminol, Phenolphthalin, Takayama, HemDirect	Pos ALS, AP, Microscopic	Neg Amylase Diffusion		
Item 4	Pos Visual Examination, Luminol, Phenolphthalin, Takayama, HemDirect	Neg ALS, AP, Microscopic	Neg Amylase Diffusion		
LYU7NW					
Item 3	Pos KM	Pos AP, PSA, Micro	Neg Phadebas		
Item 4	Pos KM	Neg AP, PSA, Micro	Neg Phadebas		
M7PTNV					
Item 3	Pos Hemastix/HemaTrace	Pos AP/p30/Microscopic exam	Neg RSID-Saliva		
Item 4	Pos Hemastix/HemaTrace	Neg AP/p30/Microscopic exam	Neg RSID-Saliva		
MBLKAR					
Item 3	Pos KM, Takayama	Pos AP, Micro	NT		
Item 4	Pos KM, Takayama	Neg AP	NT		
MDAJJ4					
Item 3	Pos TMB	Pos ALS, AP, p30, Micro	NT	Human Origin, HemaTrace Pos	
Item 4	Pos TMB	Neg ALS, AP, p30, Micro	NT	Human Origin, HemaTrace Pos	
MDQ9PH					
Item 3	Pos KM, Takayama	Pos AP, Micro	NT		
Item 4	Pos KM, Takayama	Neg AP	NT		
MFFGXX					
Item 3	Pos KM	Pos AP, PSA, Micro	NT		
Item 4	Pos KM	Neg AP	NT		
MJGAKN					
Item 3	Pos TMB, Micro	Pos AP, Micro	NT		
Item 4	Pos TMB, Micro	Neg AP, Micro	NT		
MKTYU					
Item 3	Pos KM, OBTI	Pos ALS, AP, Micro, PSA	Neg Phadebas		
Item 4	Pos KM, OBTI	Neg ALS, AP, Micro, PSA	Neg Phadebas		

TABLE 1

		Fluid ID				
Webcode	Blood	Semen	Saliva	Other		
ML3WEW						
Item 3	Pos KM	Pos AP, Micro for Sperm	Neg Micro for e. cells, Amylase			
Item 4	Pos KM	Neg AP, Micro for Sperm	Neg Micro for e. cells, Amylase			
MN9G3W						
Item 3	Pos KM	Pos AP, Micro for Sperm cells	Neg Amylase, Micro for nucleated e-cells			
Item 4	Pos KM	Neg AP, Micro for Sperm cells	Neg Amylase, Micro for nucleated e-cells			
MUGDVQ						
Item 3	Pos KM, Takayama	Pos AP, Micro	NT			
Item 4	Pos KM, Takayama	Neg AP	NT			
MVV8TY						
Item 3	Pos KM	Pos AP, Micro	NT	Human, Pos Plexor, Identifier		
Item 4	Pos KM	Neg AP	NT	Human, Pos Plexor, Identifier		
MY9W4V						
Item 3	Pos KM, HemaTrace	Pos ALS, AP, Micro, PSA	NT ALS, Phadebas			
Item 4	Pos KM, HemaTrace	Neg ALS, AP, Micro, PSA	Neg ALS, Phadebas			
MZ6ZNB						
Item 3	Pos KM, RSID-Blood	Pos AP, Micro	Neg Phadebas			
Item 4	Pos HemaTrace, Takayama, KM, O-tol, RSID-Blood	Neg Micro, p30	NT	Semen, Inc AP		
N7LGQR						
Item 3	Pos KM	Pos AP, Micro	NT			
Item 4	Pos KM	Neg AP, PSA	NT			
N9BWU8						
Item 3	Pos KM	Pos AP, PSA	NT			
Item 4	Pos KM	Neg AP	NT			
NB2TRE						
Item 3	Pos TMB	Pos ALS, AP, PSA, Micro	NT			
Item 4	Pos TMB	Neg ALS, AP, PSA, Micro	NT			
NCRH2E						
Item 3	Pos KM	Pos ALS/AP/Micro	NT			
Item 4	Pos KM	Neg ALS/AP	NT			
NGACTT						
Item 3	Pos KM	Pos ALS, AP, Micro	NT			
Item 4	Pos KM	Neg ALS, AP	NT			

TABLE 1

		Fluid ID		
Webcode	Blood	Semen	Saliva	Other
NGR2C9				
Item 3	Pos TMB, HemaTrace	Pos ALS, AP, Micro, p30	NT	
Item 4	Pos TMB, HemaTrace	Neg ALS, AP, Micro, p30	NT	
NHYRV9				
Item 3	Pos O-tol, HemDirect	Pos AP, PSA, Micro	Neg Amylase Diffusion	
Item 4	Pos O-tol, HemDirect	Neg AP, PSA, Micro	Neg Amylase Diffusion	
NP2U3U				
Item 3	Pos LMG	Pos AP, Micro	NT	
Item 4	Pos LMG	Neg AP	NT	
NP2ZWN				
Item 3	Pos Hemastix	Pos AP, H&E slide	NT	
Item 4	Pos Hemastix	Neg AP	NT	
NR8PT7				
Item 3	Pos KM	Pos AP, PSA, Micro	NT	
Item 4	Pos KM	Neg PSA, AP	NT	
NUF9AA				
Item 3	Pos LMG, HemaTrace	Pos AP, Micro, ALS, p30	NT	
Item 4	Pos LMG	Neg AP, ALS	NT	
NXDEEJ				
Item 3	Pos KM, ABACard	Pos AP, PSA	Neg Phadebas Press	
Item 4	Pos KM, ABACard	Neg AP	Neg Phadebas Press	
NZY6HA				
Item 3	Pos KM, RSID-Blood	Pos AP, Micro	Neg Phadebas	
Item 4	Pos KM, RSID-Blood, HemaTrace, Takayama	Neg, Inc AP (inconclusive), Micro (Neg), p30 (Neg)	NT	
P23RHE				
Item 3	Pos LMG, HT	Pos AP, PSA	NT	
Item 4	Pos LMG, HT	Neg AP	NT	
P3Z2U6				
Item 3	Pos KM, Hexagon OBTI	Pos AP, RSID-Semen, PSA	NT	
Item 4	Pos KM, Hexagon OBTI	Neg AP	NT	
P4GCCA				
Item 3	Pos TMB	Pos ALS, AP, PSA, Micro	NT	
Item 4	Pos TMB	Neg ALS, AP	NT	
P4W7YH				
Item 3	Pos KM, Takayama	Pos AP, Micro	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	

TABLE 1

Fluid ID				
Webcode	Blood	Semen	Saliva	Other
P73Y6X				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
P8BLPA				
Item 3	Pos KM, O-tol, RSID-Blood	Pos AP, Micro	Neg	
Item 4	Pos KM, O-tol, Takayama, RSID-Blood, HemaTrace	Neg, Inc (AP) AP, Micro, p30	NT	
P8C4HL				
Item 3	Pos TMB, Micro -Takayama	Pos AP, Micro-Oppitz	NT	
Item 4	Pos TMB, Micro-Takayama	Neg AP, Micro-Oppitz	NT	
P8WPBC				
Item 3	Pos O-tol	Pos AP, Micro		
Item 4	Pos O-tol	Neg AP		
P97R43				
Item 3	Pos TMB, HemaTrace	Pos AP, Micro, PSA	NT	
Item 4	Pos TMB, HemaTrace	Neg AP	NT	
P9YN7C				
Item 3	Pos Phenolphthalein, HemaTrace	Pos AP, Microscopy, PSA	Neg RSID-Saliva	
Item 4	Pos Phenolphthalein, HemaTrace	Neg AP, Microscopy, PSA	Neg RSID-Saliva	
PBVYLD				
Item 3	Pos TMB	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos TMB	Neg ALS, AP	NT	
PCPQB6				
Item 3	Pos KM	Pos AP, PSA, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
PD6FPW				
Item 3	Pos KM	Pos AP, Micro, PSA	NT	
Item 4	Pos KM	Neg AP	NT	
PGK7T7				
Item 3	Pos Hemastix (TMB) & HemaTrace	Pos AP, ALS, PSA, & Micro	NT	
Item 4	Pos Hemastix (TMB) & HemaTrace	Neg AP & ALS	NT	
PHUX48				
Item 3	Pos O-tol	Pos AP, Micro	NT	
Item 4	Pos O-tol	Neg AP	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
PLEDKA				
Item 3	Pos KM	Pos AP, PSA, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
PMAVNW				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
PR2TZL				
Item 3	Pos TMB	Pos ALS, AP, Micro	NT	
Item 4	Pos TMB	Neg ALS, AP	NT	
PUQ4W7				
Item 3	Pos O-tol	Pos AP/Micro	NT	
Item 4	Pos O-tol	Neg AP	NT	
PY66DQ				
Item 3	Pos KM	Pos AP, PSA, Micro	NT	
Item 4	Pos KM	Neg AP, PSA	NT	
PZTKG8				
Item 3	Pos KM	Pos AP	NT	
Item 4	Pos KM	Neg AP	NT	
Q3FLVU				
Item 3	Pos KM	Pos Seratec PSA		
Item 4	Pos KM	Neg Seratec PSA		
Q3FLXE				
Item 3	Pos LMG, HemaTrace	Pos AP, PSA, Microscopic	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	
Q3KWXR				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
Q63B7Y				
Item 3	Pos KM, HemaTrace	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos KM, HemaTrace	Neg ALS, AP	NT	
Q6JFKX				
Item 3	NT	Pos AP, PSA, Micro	NT	
Item 4	NT	Neg AP, PSA	NT	
Q6MXZA				
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT	
Item 4	Pos KM, HemaTrace	Neg AP	NT	

TABLE 1

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
Q7X2AR					
Item 3	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT		
Item 4	Pos LMG, HemaTrace	Neg AP, Micro, PSA	NT		
Q8BW6D					
Item 3	Pos KM	Pos ALS, AP, Micro	NT		
Item 4	Pos KM	Neg ALS, AP	NT		
Q97F9Z					
Item 3	Pos O-tol	Pos AP, Micro	Neg RSID-Saliva		
Item 4	Pos O-tol	Neg AP, Micro	Neg RSID-Saliva		
QBRV69					
Item 3	Pos KM	Pos ALS, Micro	NT		
Item 4	Pos KM	Neg ALS, p30, Micro	NT		
QBFY3					
Item 3	Pos TMB, PHT	Pos AP, Micro, p30	NT	Human, Pos HemaTrace, Quantifiler	
Item 4	Pos TMB, PHT	Neg AP, ALS	NT	Human, Pos HemaTrace, Quantifiler	
QEEB2V					
Item 3	Pos KM, HemaTrace	Pos AP, Micro, PSA	Neg RSID		
Item 4	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg RSID		
QEMTE8					
Item 3	Pos Phenolphthalein	Pos PSA, ACID PHOSPHATASE	Neg SAlIgAE		
Item 4	Pos Phenolphthalein	Neg PSA, ACID PHOSPHATASE	Neg SAlIgAE		
QFPMNJ					
Item 3	Pos KM, Takayama	Pos AP, Microscopic	NT		
Item 4	Pos KM, Takayama	Neg AP	NT		
QGYWGG					
Item 3	Pos KM, Takayama	Pos AP, Micro	NT		
Item 4	Pos KM, Takayama	Neg AP	NT		
QH9AAY					
Item 3	Pos KM	Pos AP, Micro for Sperm	Neg ARD, Micro for E-cells		
Item 4	Pos KM	Neg AP, Micro for Sperm	Neg ARD, Micro for E-cells		
QHRQCY					
Item 3	Pos KM, RSID-Blood	Pos AP, Micro	Neg Phadebas		
Item 4	Pos KM, Takayama, RSID-Blood, HemaTrace	Neg, Inc AP (inconc.), Micro p30 (negative)	NT		

TABLE 1

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
QJ6H6G					
Item 3	Pos KM, Takayama	Pos AP, Micro	NT		
Item 4	Pos KM, Takayama	Neg AP	NT		
QJD6CN					
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas		
Item 4	Pos KM, HemaTrace	Neg AP	Neg Phadebas		
QJM7NW					
Item 3	Pos KM	Pos AP, Micro	NT		
Item 4	Pos KM	Neg AP, Micro	NT		
QL8UTN					
Item 3	Pos KM, OBTI	Pos ALS, AP, Micro, PSA	NT		
Item 4	Pos KM, OBTI	Neg ALS, AP	Neg Phadebas		
QMZJD6					
Item 3	NT	NT	NT	Human, Pos Quant Duo	
Item 4	NT	NT	NT	Human, Pos Quant Duo	
QPCLGA					
Item 3	Pos KM, Takayama	Pos AP, Micro	NT		
Item 4	Pos KM, Takayama	Neg AP	NT		
QQ8W4J					
Item 3	Pos PTMB	Pos ALS, AP, Micro	NT		
Item 4	Pos PTMB	Neg ALS, AP	NT		
QUWE33					
Item 3	NT	NT	NT	Y-screening, Pos Plexor HY	
Item 4	NT	NT	NT	Y-screening, Pos Plexor HY	
QW268W					
Item 3	NT	Pos AP, PSA, Micro	NT		
Item 4	NT	Neg AP	NT		
QY3WKX					
Item 3	Pos KM	Pos AP, Micro, PSA	NT		
Item 4	Pos KM, HemaTrace	Neg AP	NT		
QYDNK2					
Item 3	Pos KM	Pos AP, Micro	NT		
Item 4	Pos KM	Neg AP	NT		
QZ9F88					
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT		
Item 4	Pos KM, HemaTrace	Neg AP	NT		

TABLE 1

Fluid ID				
Webcode	Blood	Semen	Saliva	Other
R2ZAPE				
Item 3	Pos KM, Takayama	Pos AP, Micro	NT	
Item 4	Pos KM, Takayama	Neg AP, Micro	NT	
R3UZT9				
Item 3	Pos KM, RSID Blood	Pos Christmas Tree Staining (Microscopy)		
Item 4	Pos KM, RSID Blood	Neg Christmas Tree Staining (Microscopy), ABACard p30		
R3XXCD				
Item 3	Pos LMG, HemaTrace	Pos AP, p30	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	
R47Q3C				
Item 3	Pos KM, TMB	Pos AP, PSA, Microscopic	Neg Phadebas	
Item 4	Pos KM, TMB	Neg AP, PSA	Neg Phadebas	
R482MG				
Item 3	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	
R7WBUW				
Item 3	Pos KM, OBTI	Pos ALS, AP, Micro, PSA	Neg	
Item 4	Pos KM, OBTI	Neg ALS, AP, Micro, PSA	Neg	
R948F7				
Item 3	Pos LMG	Pos AP, Micro		
Item 4	Pos LMG	Neg AP		
RAGL4F				
Item 3	Pos KM, Takayama	Pos AP, Micro	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
RAXVWG				
Item 3	Pos KM, ABACard	Pos AP, PSA	Neg Phadebas	
Item 4	Pos KM, ABACard	Neg AP	Neg Phadebas	
RD8Q8Y				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
RE4A4X				
Item 3	Pos O-tol	Pos AP, Micro, PSA	Neg Amylase Diffusion	
Item 4	Pos O-tol	Neg AP, Micro, PSA	Neg Amylase Diffusion	

TABLE 1

		Fluid ID		
Webcode	Blood	Semen	Saliva	Other
RH92RJ				
Item 3	Pos PTMB	Pos AP, PSA, Micro	Neg Phadebas tablet	
Item 4	Pos PTMB, HemaTrace	Neg AP	Neg Phadebas tablet	
RKELFJ				
Item 3	Pos TMB, HemaTrace	Pos AP, p30, Micro	Neg Amylase	
Item 4	Pos TMB, HemaTrace	Neg AP, p30, Micro	Neg Amylase	
RKEP6N				
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
RMGY6R				
Item 3	Pos KM	Pos AP, PSA, Micro	NT	
Item 4	Pos KM	Neg AP, PSA	NT	
RMHGYM				
Item 3	Pos KM, Takayama	Pos AP, Micro	NT	
Item 4	Pos KM, Takayama	Neg AP, Micro	NT	
RPQUJA				
Item 3	Pos KM, Takayama	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
RQ7RFF				
Item 3	Pos KM, ABACard HemaTrace	Pos AP, PSA	Neg Phadebas Press test	
Item 4	Pos KM, ABACard HemaTrace	Neg AP	Neg Phadebas Press test	
RWAAHT				
Item 3	Pos KM, HemaTrace	Pos AP, Micro	NT	
Item 4	Pos KM, HemaTrace	Neg AP	NT	
RYA483				
Item 3	Pos KM, Takayama	Pos AP, Micro	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
RZ6RLR				
Item 3	Pos PTMB, HemaTrace, Bluestar Reagent	Pos ALS, AP, PSA, Micro	Neg Phadebas Tablets	
Item 4	Pos PTMB, HemaTrace, Bluestar Reagent	Neg ALS, AP, PSA	Neg Phadebas Tablets	
T3VKA3				
Item 3	Pos KM, Hexagon OBTI	Pos AP, RSID-Semen, PSA	NT	
Item 4	Pos KM, Hexagon OBTI	Neg AP	NT	
TB88AC				
Item 3	Pos KM, Takayama	Pos AP, Micro	NT	
Item 4	Pos KM, Takayama	Neg AP, Micro	NT	

TABLE 1

		Fluid ID				
Webcode	Blood	Semen	Saliva	Other		
TDA3WK						
Item 3	Pos O-tol	Pos AP, Micro	NT	Human Blood, HemaTrace Pos		
Item 4	Pos O-tol	Neg AP	NT	Human Blood, HemaTrace Pos		
TDEEHW						
Item 3	Pos LMG	Pos AP, Micro				
Item 4	Pos LMG	Neg AP				
TEN4QU						
Item 3	Pos KM	Pos AP, Micro	NT			
Item 4	Pos KM	Neg AP	NT			
TEURLK						
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT			
Item 4	Pos KM, HemaTrace	Neg AP	NT			
TFFP94						
Item 3	Pos KM	Pos ALS, AP, Micro	Neg Phadebas	Human DNA Quantifiler Duo detected, Pos		
Item 4	Pos KM	Neg ALS, AP, Micro	Neg Phadebas	Human DNA Quantifiler Duo detected, Pos		
TGAFEJ						
Item 3	Pos TMB, HemaTrace	Pos AP, PSA, Micro	Neg Amylase Diffusion			
Item 4	Pos TMB, HemaTrace	Neg AP, PSA, Micro	Neg Amylase Diffusion			
TGNG4L						
Item 3	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT			
Item 4	Pos LMG, HemaTrace	Neg AP	NT			
TJEYH7						
Item 3	Pos KM	Pos AP, Microscopic	NT			
Item 4	Pos KM	Neg AP	NT			
TKPH74						
Item 3	Pos KM	Pos AP, Micro, PSA	NT			
Item 4	Pos KM	Neg AP	NT			
TL662H						
Item 3	Pos KM, HemaTrace	Pos AP, RSID-Semen	NT	Human Protein, ELISA Speciation Pos		
Item 4	Pos KM, HemaTrace	Neg AP	NT	Human Protein, ELISA Speciation Pos		
TMFHRE						
Item 3	Pos KM	Pos ALS, AP, Micro, PSA	NT	Human Origin, HemaTrace Pos		
Item 4	Pos KM	Neg ALS, AP, Micro, PSA	NT	Human Origin, HemaTrace Pos		

TABLE 1

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
TMWQJU					
Item 3	Pos KM	Pos AP, Micro	Neg RSID		
Item 4	Pos KM	Neg AP	Neg RSID		
TQWE6N					
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas		
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas		
TRRM4E					
Item 3	Pos KM	Pos AP, ALS, PSA, Micro	NT	Human Origin, HemaTrace Pos	
Item 4	Pos KM	Neg AP, ALS, PSA, Micro	NT	Human Origin, HemaTrace Pos	
TLLMZ					
Item 3	Pos KM, HemaTrace	Pos AP, p30	Neg Phadebas		
Item 4	Pos KM, HemaTrace	Neg AP, p30	Neg Phadebas		
TV9F88					
Item 3	Pos KM	Pos ALS, PSA, Micro	NT		
Item 4	Pos KM	Neg ALS, PSA, Micro	NT		
TWJRWJ					
Item 3	Pos TMB, Micro	Pos AP, Micro	NT		
Item 4	Pos TMB, Micro	Neg AP, Micro	NT		
TYQMMU					
Item 3	Pos KM	Pos AP, Micro	NT		
Item 4	Pos KM	Neg AP	NT		
TZ2JUJ					
Item 3	Pos KM, Takayama	Pos AP, Micro	NT	Amylase, Inc Amylase Diffusion Assay	
Item 4	Pos KM, Takayama	Neg AP, Micro	NT	Amylase, Inc Amylase Diffusion Assay	
U73Z46					
Item 3	Pos O-tol	Pos AP, Micro	NT		
Item 4	Pos O-tol	Neg AP	NT		
U7RJ4T					
Item 3	Pos KM, Takayama	Pos AP, Micro	Neg RSID-Amylase	Human, Pos PlexorHY	
Item 4	Pos KM, Takayama, HemaTrace	Neg AP, Micro, PSA	Neg RSID-Amylase	Human, Pos HemaTrace, PlexorHY	
U8ZTWP					
Item 3	Pos KM, HemDirect	Pos ALS, AP, Micro, PSA	Neg RSID-Saliva		
Item 4	Pos KM, HemDirect	Neg ALS, AP, PSA	Neg RSID-Saliva		

TABLE 1

		Fluid ID				
Webcode	Blood	Semen	Saliva	Other		
U9C6JE						
Item 3	Pos KM, Takayama	Pos AP, Micro	NT			
Item 4	Pos KM, Takayama	Neg AP	NT			
UCBJ74						
Item 3	Pos KM, HemDirect, Luminol, Takayama	Pos AP, Micro, ALS	Neg Amylase Diffusion			
Item 4	Pos KM, HemDirect, Luminol, Takayama	Neg AP, Micro, ALS	Neg Amylase Diffusion			
UCCQHQ						
Item 3	Pos KM, HemaTrace	Pos AP, Micro	NT			
Item 4	Pos KM, HemaTrace	Neg AP	NT			
UD4ACH						
Item 3	Pos KM, Takayama	Pos AP, Micro	NT	Amylase, Neg	Amylase Diffusion Assay	
Item 4	Pos KM, Takayama	Neg AP	NT			
UF9C9U						
Item 3	Pos ABA Heme	Pos PSA, Micro	NT			
Item 4	Pos ABA Heme	Neg PSA, Micro	NT			
UFTJXX						
Item 3	Pos KM	Pos AP, PSA	Neg Phadebas	Blood, Pos	HemaTrace	
Item 4	Pos KM	Neg AP, PSA	Neg Phadebas	Blood, Pos	HemaTrace	
UFTL93						
Item 3	Pos O-tol	Pos AP, Micro	NT			
Item 4	Pos O-tol	Neg AP	NT			
UG4VDF						
Item 3	Pos Hemastix/HemaTrace	Pos AP/PSA/Micro	Neg RSID			
Item 4	Pos Hemastix/HemaTrace	Neg AP/PSA/Micro	Neg RSID			
UGNPXQ						
Item 3	Pos KM, Takayama	Pos AP, Micro	Neg Phadebas	Human specific, Pos	Plexor HY	
Item 4	Pos KM, Takayama	Neg AP, Micro, PSA	Neg Phadebas	Human specific, Pos	Plexor HY	
UJAFZF						
Item 3	Pos HemaTrace, Hemastix	Pos AP, PSA, Micro	Neg RSID-Saliva			
Item 4	Pos HemaTrace, Hemastix	Neg AP	Neg RSID-Saliva			
ULF2NG						
Item 3	Pos Hemastix, KM, HemaTrace	Pos AP, PSA, Microscopic	NT			
Item 4	Pos Hemastix, KM, HemaTrace	Neg AP, PSA	NT			

TABLE 1

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
UMB6C3					
Item 3	Pos O-tol	Pos AP, PSA, Micro	NT	Human Blood, RSID-Blood Pos	
Item 4	Pos O-tol	Neg AP	NT	Human Blood, RSID-Blood Pos	
UN2MG4					
Item 3	Pos TMB, KM	Pos ALS, AP, PSA, Micro	Neg RSID		
Item 4	Pos TMB, KM	Neg ALS, AP, PSA, Micro	Neg RSID		
UNMG2E					
Item 3	Pos KM	Pos ALS, AP, Micro, PSA	NT	Human Origin, HemaTrace Pos	
Item 4	Pos KM	Neg ALS, AP, Micro, PSA	NT	Human Origin, HemaTrace Pos	
UP2BVD					
Item 3	Pos hemochromogen	Pos AP, Micro	NT		
Item 4	Pos hemochromogen	Neg AP	NT		
UP2P79					
Item 3	Pos LMG, HemaTrace	Pos AP, p30	NT		
Item 4	Pos LMG, HemaTrace	Neg AP	NT		
UV9AFY					
Item 3	Pos TMB, HemaTrace	Pos AP, ALS, Micro, PSA	NT		
Item 4	Pos TMB, HemaTrace	Neg AP, ALS, Micro, PSA	NT		
UW3TJL					
Item 3	Pos KM	Pos AP, Micro	NT		
Item 4	Pos KM	Neg AP	NT		
UWWR9J					
Item 3	Pos KM	Pos AP, Micro, PSA	Neg Phadebas		
Item 4	Pos KM	Neg AP, Micro, PSA	Neg Phadebas		
UXTRJH					
Item 3	Pos Hemastix, HemaTrace	Pos AP, p30, Micro	Neg RSID		
Item 4	Pos Hemastix, HemaTrace	Neg AP, p30, Micro	Neg RSID		
V277UN					
Item 3	Pos KM	Pos AP, Micro	Neg RSID		
Item 4	Pos KM	Neg AP	Neg RSID		
V6KYAV					
Item 3	Pos Hemoglobina Humana[sic]	Pos PSA			
Item 4	Pos Hemoglobina Humana[sic]	Neg PSA			

TABLE 1

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
V7U93T					
Item 3	Pos KM, HemaTrace	NT	NT		
Item 4	Pos KM, HemaTrace	NT	NT		
V9AZWX					
Item 3	Pos TMB, HemaTrace	Pos ALS, AP, Micro, PSA	NT		
Item 4	Pos TMB, HemaTrace	Neg ALS, AP	NT		
VA4TRF					
Item 3	Pos KM	Pos AP, Micro	NT		
Item 4	Pos KM	Neg AP	NT		
VBDZQ3					
Item 3	Pos KM	Pos Micro, PSA	NT		
Item 4	Pos KM	Neg Micro, PSA	NT		
VBY3Q6					
Item 3	Pos KM	Pos ALS, BCIP, Micro			
Item 4	Pos KM	Neg ALS, BCIP			
VC3AMW					
Item 3	Pos RSID-Blood	Pos RSID-Semen	Neg RSID-Saliva		
Item 4	Pos RSID-Blood	Neg RSID-Semen	Neg RSID-Saliva		
VGX2VU					
Item 3	NT	Pos AP, PSA, Micro	NT		
Item 4	NT	Neg AP	NT		
VGYJX4					
Item 3	Pos KM, Takayama	Pos AP, Micro	NT		
Item 4	Pos KM, Takayama	Neg AP, Micro	NT		
VHJZGD					
Item 3	Pos LMG	Pos AP, Micro	NT		
Item 4	Pos LMG	Neg AP, Micro	NT		
VJQRGZ					
Item 3	Pos KM, Hexagon OBTI	Pos AP, RSID-Semen, PSA	NT		
Item 4	Pos KM, Hexagon OBTI	Neg AP	NT		
VL6RXZ					
Item 3	Pos KM	Pos Micro	NT	Seminal Fluid, Inc AP, ALS	
Item 4	Pos KM	Neg Micro	NT	Seminal Fluid, Ap, ALS Neg	
VLW9WJ					
Item 3	Pos KM	Pos AP, Micro	Neg RSID		
Item 4	Pos KM	Neg AP	NT		

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
VQQYTZ				
Item 3	Pos KM	Pos AP, Micro		
Item 4	Pos KM	Neg AP, Micro		
VQR4DX				
Item 3	Pos Hemastix, HemaTrace	Pos AP, PSA, Micro	NT	
Item 4	Pos Hemastix, HemaTrace	Neg AP	NT	
VRBJ4Q				
Item 3	Pos KM	Pos ALS, AP, PSA	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
W2KN8				
Item 3	Pos TMB	Pos ALS, AP, Micro	NT	
Item 4	Pos TMB	Neg ALS, AP, Micro	NT	
VXP3GR				
Item 3	Pos KM, OBTI-HU	Pos AP, Micro, p30	Neg Phadebas	
Item 4	Pos KM, OBTI-HU	Neg AP	Neg Phadebas	
W72A69				
Item 3	Pos KM, HemaTrace	Pos AP, Seratec, Micro	Neg RSID	
Item 4	Pos KM, HemaTrace	Neg AP, Seratec	Neg RSID	
W8TXA2				
Item 3	Pos Luminol, KM, HemD, Tak	Pos ALS, AP, Micro	Neg Amylase Diffusion Plate	
Item 4	Pos Luminol, KM, HemD, Tak	Neg ALS, AP, Micro	Neg Amylase Diffusion Plate	
W9MQ6K				
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
WADH4R				
Item 3	Pos KM+	Pos AP+, Micro (+) Sperm	Neg Amylase -, Micro (-) nuc. E. cells	
Item 4	Pos KM+	Neg AP-, Micro (-) Sperm	Neg Amylase -, Micro (-) nuc. E. cells	
WAH8J3				
Item 3	Pos KM, Takayama	Pos AP, Micro	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
WBCXNW				
Item 3	Pos KM, HemaTrace	Pos AP, PSA	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, PSA	Neg Phadebas	

TABLE 1

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
WEBAN3					
Item 3	Pos KM, Luminol	Pos AP, ALS, Micro	Neg Amylase Diffusion plate		
Item 4	Pos KM, Luminol, Takayama, HemeDirect[sic]	Neg AP, ALS	Neg Amylase Diffusion plate		
WF6ZUG					
Item 3	Pos KM, Takayama	Pos AP, Micro	NT		
Item 4	Pos KM, Takayama	Neg AP	NT		
WGFCHT					
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro, ALS	NT		
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro, ALS	NT		
WGH4BA					
Item 3	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT		
Item 4	Pos LMG, HemaTrace	Neg AP	NT		
WHP44Z					
Item 3	Pos KM, LUMINOL, TAK, HEME-DIRECT[sic]	Pos ALS, AP, Micro	Neg Amylase Diffusion		
Item 4	Pos KM, LUMINOL, TAK, HEME-DIRECT[sic]	Neg ALS, AP, Micro	Neg Amylase Diffusion		
WHWLFZ					
Item 3	Pos TMB	Pos ALS, AP, Micro, PSA	NT		Human Origin, HemaTrace Pos
Item 4	Pos TMB	Neg ALS, AP	NT		Human Origin, HemaTrace Pos
WJ39QJ					
Item 3	Pos Hemastix, HemaTrace	Pos p30 - PSA	Neg RSID-Saliva		
Item 4	Pos Hemastix, HemaTrace	Neg p30 - PSA	Neg RSID-Saliva		
WKFKM4					
Item 3	Pos KM, HemaTrace	Pos ALS, AP, Micro	NT		
Item 4	Pos KM, HemaTrace	Neg ALS, AP, Micro			
WMZRQW					
Item 3	Pos KM, Hexagon OBTI	Pos AP, RSID-Semen, PSA	NT		
Item 4	Pos KM, Hexagon OBTI	Neg AP	NT		
WPD244					
Item 3	Pos KM	Pos Micro	NT		
Item 4	Pos KM	Neg Micro, p30	NT		
WPPZXD					
Item 3	Pos Hemastix, HemaTrace	Pos AP, PSA, Microscopy	Neg RSID-Saliva		Human DNA, Pos Plexor HY
Item 4	Pos Hemastix, HemaTrace	Neg AP	Neg RSID-Saliva		Human DNA, Pos Plexor HY

TABLE 1

Fluid ID				
Webcode	Blood	Semen	Saliva	Other
WU4YM7				
Item 3	Pos KM	Pos ALS; AP; Micro	Neg Seratec Amylase	
Item 4	Pos KM	Neg ALS; AP	NT	
WVYHRR				
Item 3	Pos LMG	Pos ALS, Micro, AP	NT	
Item 4	Pos LMG	Neg ALS, Micro, AP	NT	
WW9RDX				
Item 3	Pos KM; HemaTrace	Pos AP; PSA; Mirco[sic]	NT	
Item 4	Pos KM: HemaTrace	Neg AP	NT	
WWQKCM				
Item 3	Pos PTMB, HemaTrace	Pos ALS, AP, p30, Micro	Neg Phadebas	
Item 4	Pos PTMB, HemaTrace	Neg ALS, AP, p30	Neg Phadebas	
WWUM6U				
Item 3	Pos O-tol	Pos AP, Micro	NT	
Item 4	Pos O-tol	Neg AP, Micro	NT	
X2BVA6				
Item 3	Pos H-stix positive for presumable Blood	Pos Brentamine positive for presumable Semen	NT	High-friction, NT (ownership is known)
Item 4	Pos H-stix positive for presumable Blood	Neg Brent negative for presumable Semen	NT	High-friction, NT (ownership is known)
X3UEU4				
Item 3	Pos KM	Pos Micro	NT	
Item 4	Pos KM	Neg p30, Micro	NT	
X6HK2Y				
Item 3	Pos O-tol	Pos AP, Micro	NT	
Item 4	Pos O-tol	Neg AP	NT	
X9HYZ6				
Item 3	Pos O-tol	Pos AP, PSA, Micro		
Item 4	Pos O-tol	Neg AP		
XAAM8J				
Item 3	Pos PTMB, HemaTrace	Pos AP, p30, Micro, ALS		
Item 4	Pos PTMB, HemaTrace, Bluestar	Neg AP, ALS		
XBQ9UM				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	

TABLE 1

Fluid ID				
Webcode	Blood	Semen	Saliva	Other
XCKYZ2				
Item 3	Pos KM	Pos Micro, ALS	NT	
Item 4	Pos KM	Neg Micro, ALS, p30	NT	
XFZMGT				
Item 3	Pos TMB	Pos AP, PSA, Micro	NT	
Item 4	Pos TMB	Neg AP, PSA, Micro	NT	
XFZP7W				
Item 3	Pos TMB, HemaTrace	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos TMB, HemaTrace	Neg ALS, AP	NT	
XGFQ9Y				
Item 3	Pos KM, Hexagon OBTI	Pos AP, PSA, RSID-Semen	NT	
Item 4	Pos KM, Hexagon OBTI	Neg AP	NT	
XKWGP9				
Item 3	Pos Combur TMB, KM	Pos AP, Micro, PSA	Neg Phadebas	
Item 4	Pos Combur TMB, KM	Neg AP	Neg Phadebas	
XKXXNL				
Item 3	Pos KM	Pos AP, PSA, Micro	NT	
Item 4	Pos KM	Neg AP, Micro	NT	Semen, Inc PSA
XM44Y7				
Item 3	Pos KM, Takayama	Pos AP, Micro	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
XQEMTM				
Item 3	Pos HemaTrace	Pos p30	NT	
Item 4	Pos HemaTrace	Neg p30	NT	
XX6UVU				
Item 3	Pos TMB, HemaTrace	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos TMB, HemaTrace	Neg ALS, AP	NT	
XZAYD2				
Item 3	Pos KM, RSID-Blood	Pos AP, Micro	Neg Phadebas	
Item 4	Pos KM, Takayama, RSID-Blood, HemaTrace	Neg, Inc AP (inconclusive), p30 negative	NT	
XZQLYK				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	

TABLE 1

Fluid ID					
Webcode	Blood	Semen	Saliva	Other	
Y3Q8AM					
Item 3	Pos KM, Takayama	Pos AP, Micro	Neg RSID-Saliva	Human Origin, PlexorHY Pos	
Item 4	Pos KM, Takayama	Neg AP	Neg RSID-Saliva	Human Origin, PlexorHY Pos	
Y4J727					
Item 3	Pos LMG, HemaTrace	Pos AP, PSA, Micro	NT		
Item 4	Pos LMG, HemaTrace	Neg AP	NT		
Y7A7MH					
Item 3	Pos HemaTrace	Pos PSA, Micro	Neg RSID-Saliva		
Item 4	Pos HemaTrace	Neg PSA	Neg RSID-Saliva		
YEKMYN					
Item 3	Pos KM	Pos AP, Sperm	Neg RSID		
Item 4	Pos KM	Neg AP	Neg RSID		
YFDE63					
Item 3	Pos TMB	Pos AP, Micro, p30, ALS	NT		
Item 4	Pos TMB	Neg AP, ALS	NT		
YFDMQ8					
Item 3	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT		
Item 4	Pos LMG, HemaTrace	Neg AP	NT		
YFU3D3					
Item 3	Pos KM, Takayama	Pos AP, Micro	NT		
Item 4	Pos KM, Takayama	Neg AP, Micro	NT		
YG7E3E					
Item 3	Pos Hemastix	Pos AP, Micro	Neg RSID	Human, Pos HemaTrace	
Item 4	Pos Hemastix	Neg AP	Neg RSID	Human, Pos HemaTrace	
YGN6AD					
Item 3	Pos LMG	Pos PSA, SM	NT		
Item 4	Pos LMG	Neg PSA, SM	NT		
YGQHPY					
Item 3	Pos KM, HemDirect, Takayama, Luminol	Pos AP, Micro, ALS	Neg Amylase Diffusion	Pos	
Item 4	Pos KM, HemDirect, Takayama, Luminol	Neg AP, Micro, ALS	Neg Amylase Diffusion	Neg	
YHLQM6					
Item 3	Pos KM, HemaTrace	Pos AP, Seratec, Micro	Neg RSID		
Item 4	Pos KM, HemaTrace	Neg AP, Seratec	Neg RSID		

TABLE 1

		Fluid ID		
Webcode	Blood	Semen	Saliva	Other
YKRN3K				
Item 3	Pos PTMB	Pos AP, PSA, Micro	NT	
Item 4	Pos PTMB, HemaTrace	Neg AP, PSA	Neg Phadebas tablet	
YMXG9Y				
Item 3	Pos KM	Pos AP, ALS, Micro, PSA	NT	
Item 4	Pos KM	Neg AP, ALS, Micro, PSA	NT	
YNGVYT				
Item 3	Pos TMB, OBTI	Pos Micro	NT	
Item 4	Pos TMB, OBTI	Neg Micro	NT	
YP2JR9				
Item 3	Pos LMG, HemaTrace	Pos AP, PSA, Micro	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	
YQF8P9				
Item 3	Pos KM, ABACard	Pos AP, p30	Neg Phadebas Press test	
Item 4	Pos KM, ABACard	Neg AP	Neg Phadebas Press test	
YQXUQH				
Item 3	Pos KM	Pos AP, Micros	NT	
Item 4	Pos KM	Neg AP	NT	
YT4EEH				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
YVU28Q				
Item 3	Pos KM	Pos AP, Micro	Neg Amylase Radial Diffusion	
Item 4	Pos KM	Neg AP, Micro	Neg Amylase Radial Diffusion	
YXEBG7				
Item 3	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	
YXJ9P3				
Item 3	Pos KM	Pos ALS, AP, Micro	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
YYUKEE				
Item 3	Pos KM, HemaTrace	Pos AP, Seratec, Micro	Neg RSID	
Item 4	Pos KM, HemaTrace	Neg AP, Seratec	Neg RSID	
Z3N27X				
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT	
Item 4	Pos KM, HemaTrace	Neg AP	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
Z6ANYL				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP, Micro	NT	
Z6VL6D				
Item 3	Pos Hemastix, HemaTrace	NT	NT	
Item 4	Pos Hemastix, HemaTrace	NT	NT	
Z7MEPG				
Item 3	Pos KM, Seratec HemDirect	Pos AP, ALS, Micro, RSID-Semen	NT	
Item 4	Pos KM, Seratec HemDirect	Neg AP, ALS, Micro, RSID-Semen	NT	
Z8XU4V				
Item 3	Pos O-tol	Pos AP, Micro	NT	
Item 4	Pos O-tol	Neg AP	NT	
ZA6CJY				
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT	
Item 4	Pos KM, HemaTrace	Neg AP	NT	
ZAHA8Q				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
ZDM6L7				
Item 3	Pos KM, ABACard HemaTrace	Pos AP, PSA	Neg Phadebas Press Test	
Item 4	Pos KM, ABACard HemaTrace	Neg AP	Neg Phadebas Press Test	
ZFWGEN				
Item 3	Pos TMB, HemaTrace	Pos ALS, AP, PSA, Micro	NT	
Item 4	Pos TMB, HemaTrace	Neg ALS, AP, PSA, Micro	NT	
ZG9U4X				
Item 3	Pos KM	Pos ALS, AP, Micro	Neg ALS, Phadebas	Human DNA, Pos Quant Duo
Item 4	Pos KM	Neg ALS, AP, Micro	Neg ALS, Phadebas	Human DNA, Pos Quant Duo
ZJRH76				
Item 3	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	
ZM6JUW				
Item 3	NT	Pos AP, PSA, Micro	NT	
Item 4	NT	Neg AP	NT	
ZN82DE				
Item 3	Pos KM	Pos AP, p30	NT	
Item 4	Pos KM	Neg AP, p30	NT	

TABLE 1

		Fluid ID		
Webcode	Blood	Semen	Saliva	Other
ZNLXUX				
Item 3	Pos LMG	Pos ALS, AP, Micro	NT	
Item 4	Pos LMG	Neg ALS, AP	NT	
ZQD47G				
Item 3	Pos PTMB	Pos ALS, AP, PSA, Micro	Neg Amylase	
Item 4	Pos PTMB, HT	Neg ALS, AP	NT	
ZQE783				
Item 3	Pos O-tol	Pos AP, PSA, ALS, Micro	NT	
Item 4	Pos O-tol	Neg AP, ALS	NT	
ZTE69Z				
Item 3	Pos KM, Takayama	Pos AP, Micro	NT	
Item 4	Pos KM, Takayama	Neg AP, Micro	NT	
ZTT42H				
Item 3	Pos KM, Micro-Takayama	Pos ALS, AP, PSA, Micro	Neg Radial Diffusion	
Item 4	Pos KM, Micro-Takayama	Neg ALS, AP, PSA, Micro	Neg Radial Diffusion	
ZUG3YH				
Item 3	Pos KM	Pos AP, Micro	NT	ALS, Pos ALS
Item 4	Pos KM	Neg AP	NT	ALS, Neg ALS
ZV93WT				
Item 3	Pos Hemastix, HemaTrace	Pos AP, PSA, Micro	NT	
Item 4	Pos Hemastix, HemaTrace	Neg AP	NT	
ZWZGZX				
Item 3	Pos TMB	Pos AP, Micro, ALS, PSA	NT	
Item 4	Pos PHT, HemaTrace	Neg ALS, AP, Micro, PSA	NT	
ZY9WMN				
Item 3	Pos KM	Pos AP, Micro, PSA	Neg Amylase Radial Diffusion	
Item 4	Pos KM	Neg AP, Micro, PSA	Neg Amylase Radial Diffusion	
ZZ4K2D				
Item 3	Pos O-tol	Pos AP, Micro	NT	Human Blood, HemaTrace Pos
Item 4	Pos O-tol	Neg AP	NT	Human Blood, HemaTrace Pos

**Table 1
Response Summary****Item 3**Participants: **564**

ITEM 3:	<u>Blood</u>	<u>Semen</u>	<u>Saliva</u>
Positive	556	552	0
Negative	0	0	163
Inconclusive	0	0	0
Not Tested (NT)	8	12	373
Not Reported	0	0	28

**Table 1
Response Summary****Item 4**Participants: **564**

ITEM 4:	<u>Blood</u>	<u>Semen</u>	<u>Saliva</u>
Positive	556	1	0
Negative	0	549	149
Inconclusive	0	1	0
Not Tested (NT)	8	13	383
Not Reported	0	0	32

Amplification Kit(s) & STR Results

TABLE 2

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

22N8ZD	Identifiler® Plus						
	1	-	18,26	-	15,17	9,13	11
		13,15	-	-	11	9,11	16,18
		11,13	28,29	-	X,Y	7,10	21,26
		-	-	-	8,9.3	8	15,17
232X8W	Identifiler® Plus						
	1	n/a	18,26	n/a	15,17	9,13	11,11
		13,15	n/a	n/a	11,11	9,11	16,18
		11,13	28,29	n/a	X,Y	7,10	21,26
		n/a	n/a	n/a	8,9.3	8,8	15,17
23LWHU	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
		NA	NA		8,9.3	8	15,17
24DG8T	PowerPlex® 16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
			28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17
24X977	Identifiler® and Identifiler Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8	15,17
28C3M4	Identifiler® /Identifiler Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8	15,17
2BBRBH	PowerPlex® 16 Hot Start						
	1				15,17	9,13	11,11
		13,15			11,11	9,11	16,18
			28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8,8	15,17

TABLE 2

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

Item 1

2BU8BZ	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8	15,17	
2KECBK	PowerPlex® Fusion						
	1	16,16.3	18,26	12,14	15,17	9,13	11,11
		13,15	15,16	18,19	11,11	9,11	16,18
		11,13	28,29	14,17	X,Y	7,10	21,26
		5,12	8,13	-	8,9.3	8,8	15,17
2MCHAR	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8	15,17	
2MPCRD	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8	15,17	
2PERVU	Identifiler® Plus						
	1	NA	18,26	NA	15,17	9,13	11
		13,15	NA	NA	11	9,11	16,18
		11,13	28,29	NA	X,Y	7,10	21,26
		NA	NA	NA	8,9.3	8	15,17
2R4RH6	PowerPlex® 18D						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17
2XQAKZ	PowerPlex® 16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
			28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17
2YKZNT	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8	15,17	

TABLE 2

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

Item 1

2YY2G3	Identifiler® Plus						
	1	na	18,26	na	15,17	9,13	11
		13,15	na	na	11	9,11	16,18
		11,13	28,29	na	X,Y	7,10	21,26
32LQMZ	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
33ET4N	Identifiler® , MiniFiler						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
37XYQQ	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
396JP6	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
3AHM9H	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
3AZWYX	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
3C6XBA	PowerPlex® 21						
	1	16,16.3	18,26		15,17	9,13	11,11
		13,15		18,19	11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8,8	15,17

TABLE 2

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

Item 1

3FPLT2	PowerPlex® 16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
			28,29		X,Y	7,10	21,26
3J2F8R	Identifiler® , PowerPlex® 16						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
3JFQXJ	Identifiler® Plus						
	1	-	18,26	-	15,17	9,13	11,11
		13,15	-	-	11,11	9,11	16,18
		11,13	28,29	-	X,Y	7,10	21,26
3JMVP4	PowerPlex® 18D						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
3LT3BG	PowerPlex® 16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
			28,29		X,Y	7,10	21,26
3MYLXQ	PowerPlex® 16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
			28,29		X,Y	7,10	21,26
3NYN3M	Identifiler® Plus						
	1	-	18,26	-	15,17	9,13	11,11
		13,15	-	-	11,11	9,11	16,18
		11,13	28,29	-	X,Y	7,10	21,26
3PU4FK	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8	15,17	

TABLE 2

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

Item 1

3Q8V82	Identifiler® Plus, MiniFiler						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8	15,17
3VZVNH	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8,8	15,17
3WC8B7	PowerPlex® 18D						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17
3WER62	Identifiler® Direct						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8	15,17
3WQ4NK	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8	15,17
3X43VU	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8,8	15,17
3XN8L3	Identifiler® Plus, MiniFiler						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8	15,17
3ZWJ6P	Identifiler® Plus, MiniFiler						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8,8	15,17

TABLE 2

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

Item 1

42JHXD	PowerPlex® 16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
			28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17
4442LA	PowerPlex® 16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
			28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17
47EG3B	GlobalFiler						
	1	16,16.3	18,26	12,14	15,17	9,13	11
		13,15	15,16	18,19	11	9,11	16,18
		11,13	28,29	14,17	X,Y	7,10	21,26
				18	8,9.3	8	15,17
489NHM	Identifiler®						
	1	-	18,26	-	15,17	9,13	11,11
		13,15	-	-	11,11	9,11	16,18
		11,13	28,29	-	X,Y	7,10	21,26
		-	-	-	8,9.3	8,8	15,17
493EN2	PowerPlex® 21						
	1	16,16.3	18,26		15,17	9,13	11,11
		13,15		18,19	11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8,8	15,17
494LYN	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8,8	15,17
4AVLWY	Identifiler® Identifiler Plus						
	1	NA	18,26	NA	15,17	9,13	11
		13,15	NA	NA	11	9,11	16,18
		11,13	28,29	NA	X,Y	7,10	21,26
		NA	NA	NA	8,9.3	8	15,17
4AXUZX	Identifiler® Direct						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8	15,17

TABLE 2

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

Item 1

4D8PCF	PowerPlex® Fusion						
	1	16,16.3	18,26	12,14	15,17	9,13	11,11
		13,15	15,16	18,19	11,11	9,11	16,18
		11,13	28,29	14,17	X,Y	7,10	21,26
		5,12	8,13	-	8,9.3	8,8	15,17
4DUMPM	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8	15,17
4F2D8H	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8,8	15,17
4F2FTF	PowerPlex® HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
			28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17
4KCBTJ	Identifiler® Direct						
	1	-	18,26	-	15,17	9,13	11
		13,15	-	-	11	9,11	16,18
		11,13	28,29	-	X,Y	7,10	21,26
		-	-	-	8,9.3	8	15,17
4M3KTD	PowerPlex® HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
			28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17
4MHTUZ	Identifiler® Plus						
	1	NA	18,26	NA	15,17	9,13	11
		13,15	NA	NA	11	9,11	16,18
		11,13	28,29	NA	X,Y	7,10	21,26
		NA	NA	NA	8,9.3	8	15,17
4MVKKW	Identifiler®						
	1	-	18,26	-	15,17	9,13	11
		13,15	-	-	11	9,11	16,18
		11,13	28,29	-	X,Y	7,10	21,26
		-	-	-	8,9.3	8	15,17

TABLE 2

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

Item 1

4NDZ8Q	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
4NTTTF	PowerPlex® 16 HS						
	1		28,29		X,Y	7,10	21,26
		11,13			8,9.3	8	15,17
4UKXPQ	PowerPlex® 16						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
4WJJ9G	Identifiler®						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
4YPY98	PowerPlex® 16 HS						
	1		28,29		X,Y	7,10	21,26
		11,13			8,9.3	8	15,17
62XYBY	PowerPlex® 16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
6336K8	Profiler Plus ®						
	1		28,29		X,Y	7,10	21,26
		5,12			8,9.3	8	15,17
638FG4	Identifiler®						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13			X,Y	7,10	21,26
			28,29		8,9.3	8	15,17

TABLE 2

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

Item 1

64MXHN	Identifiler® Plus						
	1	NA	18,26	NA	15,17	9,13	11,11
		13,15	NA	NA	11,11	9,11	16,18
		11,13	28,29	NA	X,Y	7,10	21,26
		NA	NA	NA	8,9.3	8,8	15,17
66FT2Q	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8	15,17	
67TQJV	PowerPlex® 16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
			28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17
682BJC	Identifiler® Direct						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8	15,17	
68YNM7	Identifiler® ID+, PowerPlex® PP16, PP16 HS						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8,8	15,17
6929XD	PowerPlex® 16 HS						
	1				15,17	9,13	11,11
		13,15			11,11	9,11	16,18
			28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8,8	15,17
6ABHL6	Identifiler®						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8	15,17	
6AQN2U	Identifiler® Plus, MiniFiler						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8	15,17	

TABLE 2

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

Item 1

6BKTTM	Identifiler®						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
6BW8N4	PowerPlex® 16, 16 HS						
	1				X,Y	7,10	21,26
		11,13	28,29		8,9.3	8,8	15,17
6DBYCX	Identifiler® Direct						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
6EM98Y	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
6QCC94	Identifiler®						
	1	-	18,26	-	15,17	9,13	11
		13,15			11	9,11	16,18
6QW47V	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
6TLAN7	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
6UVE4F	Identifiler®						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8	15,17

TABLE 2

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

Item 1

6W6VNL	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8	15,17	
6Z3HY2	PowerPlex® 16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
			28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17
6ZMPCT	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8	15,17	
76ENB2	PowerPlex® 16 HS						
	1	-	-	-	15,17	9,13	11
		13,15	-	-	11	9,11	16,18
		-	28,29		X,Y	7,10	21,26
		5,12	8,13	-	8,9.3	8	15,17
76QF64	PowerPlex® 21						
	1	16,16.3	18,26		15,17	9,13	11,11
		13,15		18,19	11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8,8	15,17
774UTD	PowerPlex® Hot Start						
	1				15,17	9,13	11,11
		13,15			11,11	9,11	16,18
			28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8,8	15,17
774WHH	PowerPlex® 16						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
			28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17
77A8EN	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8	15,17	

TABLE 2

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

Item 1

77Y9RK	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8	15,17	
79T4ZT	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8	15,17	
7BYGQ8	PowerPlex® 21						
	1	16,16.3	18,26		15,17	9,13	11,11
		13,15		18,19	11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8,8	15,17
7G4HMV	PowerPlex® 16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
			28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17
7H3HTM	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8	15,17	
7HYF7H	Identifiler®						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8	15,17	
7HZXYR	GlobalFiler Express						
	1	16,16.3	18,26	12,14	15,17	9,13	11,11
		13,15	15,16	18,19	11,11	9,11	16,18
		11,13	28,29	14,17	X,Y	7,10	21,26
			18,18	8,9.3	8,8	15,17	
7JQQKH	Identifiler® Plus						
	1	-	18,26	-	15,17	9,13	11,11
		13,15	-	-	11,11	9,11	16,18
		11,13	28,29	-	X,Y	7,10	21,26
		-	-	-	8,9.3	8,8	15,17

TABLE 2

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

Item 1

7LJVMH	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8	15,17	
7WXLXT	Identifiler® Identifiler Plus, MiniFiler						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8	15,17	
7WYZHK	Identifiler®						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8	15,17	
7Y4ZN8	Identifiler® and Identifiler Plus, MiniFiler						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8	15,17	
7YWYH7	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8	15,17	
83NAEJ	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8	15,17	
86AZHA	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8	15,17	
889DY8	Identifiler® Plus						
	1	-	18,26	-	15,17	9,13	11
		13,15	-	-	11	9,11	16,18
		11,13	28,29	-	X,Y	7,10	21,26
				8,9.3	8	15,17	

TABLE 2

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

Item 1

8BWDA2	PowerPlex® 18D							
	1		18,26		15,17	9,13	11	
		13,15			11	9,11	16,18	
		11,13	28,29		X,Y	7,10	21,26	
8CRLBD	Identifiler®		8,13		8,9.3	8	15,17	
		1	18,26		15,17	9,13	11	
			13,15			11	9,11	16,18
			11,13	28,29		X,Y	7,10	21,26
8EFX9X	PowerPlex® 18D				8,9.3	8	15,17	
		1	18,26		15,17	9,13	11	
			13,15			11	9,11	16,18
			11,13	28,29		X,Y	7,10	21,26
8JFKHK	Identifiler® Plus		8,13		8,9.3	8	15,17	
		1	18,26		15,17	9,13	11	
			13,15			11	9,11	16,18
			11,13	28,29		X,Y	7,10	21,26
8LBXK6	Identifiler® , Identifiler Plus and MiniFiler				8,9.3	8	15,17	
		1	18,26		15,17	9,13	11	
			13,15			11	9,11	16,18
			11,13	28,29		X,Y	7,10	21,26
8MQ4ZU	PowerPlex® 16				8,9.3	8	15,17	
		1			15,17	9,13	11	
			13,15			11	9,11	16,18
				28,29		X,Y	7,10	21,26
8NGFM8	PowerPlex® HS		8,13		8,9.3	8	15,17	
		1			15,17	9,13	11	
			13,15			11	9,11	16,18
				28,29		X,Y	7,10	21,26
8T77NH	Identifiler® Plus		8,13		8,9.3	8	15,17	
		1	18,26		15,17	9,13	11	
			13,15			11	9,11	16,18
			11,13	28,29		X,Y	7,10	21,26
				8,9.3	8	15,17		

TABLE 2

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

Item 1

8WELP2	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8	15,17	
8X2XWF	Identifiler® Plus						
	1	NT	18,26	NT	15,17	9,13	11,11
		13,15	NT	NT	11,11	9,11	16,18
		11,13	28,29	NT	X,Y	7,10	21,26
		NT	NT	NT	8,9.3	8,8	15,17
97V79J	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8	15,17	
98R6HW	PowerPlex® 16 HS						
	1	NA	NA	NA	15,17	9,13	11
		13,15	NA	NA	11	9,11	16,18
		NA	28,29	NA	X,Y	7,10	21,26
		5,12	8,13	NA	8,9.3	8	15,17
998ACN	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8	15,17	
9FJZM2	Identifiler®						
	1	-	18,26	-	15,17	9,13	11
		13,15	-	-	11	9,11	16,18
		11,13	28,29	-	X,Y	7,10	21,26
		-	-	-	8,9.3	8	15,17
9HACAD	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8	15,17	
9J43FT	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
	11,13	28,29		X,Y	7,10	21,26	
				8,9.3	8,8	15,17	

TABLE 2

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

9JYM27	Identifiler®						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
9MMXJK	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
9NUEA4	PowerPlex® 16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
9Q9NMA	Identifiler®						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
9TFU9B	Identifiler®						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
9WU448	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
9WUJJ8	Identifiler® Identifiler Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
9X2W6F	Identifiler®						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18

TABLE 2

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

Item 1

9X4C7Z	PowerPlex® 16 HS	1			15,17	9,13	11	
			13,15		11	9,11	16,18	
				28,29	X,Y	7,10	21,26	
			5,12	8,13	8,9.3	8	15,17	
9ZDGNV	Identifiler®	1		18,26	15,17	9,13	11,11	
			13,15		11,11	9,11	16,18	
			11,13	28,29	X,Y	7,10	21,26	
					8,9.3	8,8	15,17	
A46KX8	Identifiler® Plus	1		18,26	15,17	9,13	11,11	
			13,15		11,11	9,11	16,18	
			11,13	28,29	X,Y	7,10	21,26	
					8,9.3	8,8	15,17	
A4PNKT	PowerPlex® 16 HS	1			15,17	9,13	11	
			13,15		11	9,11	16,18	
				28,29	X,Y	7,10	21,26	
			5,12	8,13	8,9.3	8	15,17	
A6JM72	PowerPlex® 16 HS	1			15,17	9,13	11	
			13,15		11	9,11	16,18	
				28,29	X,Y	7,10	21,26	
			5,12	8,13	8,9.3	8	15,17	
A9GV7M	Globalfiler Express	1	16,16.3	18,26	12,14	15,17	9,13	11,11
			13,15	15,16	18,19	11,11	9,11	16,18
			11,13	28,29	14,17	X,Y	7,10	21,26
					18,18	8,9.3	8,8	15,17
AAVPVH	Identifiler® Identifiler Plus	1	N/T	18,26	N/T	15,17	9,13	11,11
			13,15	N/T	N/T	11,11	9,11	16,18
			11,13	28,29	N/T	X,Y	7,10	21,26
			N/T	N/T	N/T	8,9.3	8,8	15,17
ABK44Z	Identifiler®	1		18,26		15,17	9,13	11,11
			13,15			11,11	9,11	16,18
			11,13	28,29		X,Y	7,10	21,26
						8,9.3	8,8	15,17

TABLE 2

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

Item 1

ACLVDU	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8	15,17
AGUCN4	Identifiler® , Identifiler Plus, MiniFiler						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8	15,17
AH98JN	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8	15,17
AL662M	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8,8	15,17
AMEFGD	PowerPlex® 16						
	1	N/A	N/A	N/A	15,17	9,13	11,11
		13,15	N/A	N/A	11,11	9,11	16,18
		N/A	28,29	N/A	X,Y	7,10	21,26
		5,12	8,13	N/A	8,9.3	8,8	15,17
AP7D2R	Identifiler® Plus						
	1	NA	18,26	NA	15,17	9,13	11
		13,15	NA	NA	11	9,11	16,18
		11,13	28,29	NA	X,Y	7,10	21,26
		NA	NA	NA	8,9.3	8	15,17
AWADME	Identifiler® Plus, MiniFiler						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8,8	15,17
AWN8EU	Identifiler® Direct						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8	15,17

TABLE 2

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

Item 1

AXEYZT	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
AZTVUJ	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
B38EC8	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
B6EY9	Identifiler® Direct						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
B6U77P	Identifiler®						
	1	-	18,26	-	15,17	9,13	11,11
		13,15			11,11	9,11	16,18
B7L74Z	Identifiler® Plus, PowerPlex® HS						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
B8EY4K	PowerPlex® Fusion						
	1	16,16.3	18,26	12,14	15,17	9,13	11
		13,15	15,16		11	9,11	16,18
B9FL3C	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18

TABLE 2

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

Item 1

BB38RT	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8	15,17	
BCV8N4	Identifiler® Plus						
	1	-	18,26	-	15,17	9,13	11
		13,15	-	-	11	9,11	16,18
		11,13	28,29	-	X,Y	7,10	21,26
				8,9.3	8	15,17	
BE64GM	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8	15,17	
BEG6L9	PowerPlex® Fusion						
	1	16,16.3	18,26	12,14	15,17	9,13	11,11
		13,15	15,16	18,19	11,11	9,11	16,18
		11,13	28,29	14,17	X,Y	7,10	21,26
		5,12	8,13	-	8,9.3	8,8	15,17
BJGBF8	PowerPlex® Fusion						
	1	16,16.3	18,26	12,14	15,17	9,13	11
		13,15	15,16	18,19	11	9,11	16,18
		11,13	28,29	14,17	X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17
BJW8U6	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8	15,17	
BMXFCG	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8	15,17	
BPKMP4	PowerPlex® 21						
	1	16,16.3	18,26		15,17	9,13	11,11
		13,15		18,19	11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8,8	15,17

TABLE 2

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

Item 1

BPMEGJ	PowerPlex® 16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
			28,29		X,Y	7,10	21,26
BPPZBE	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
BQF7TP	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
BTMQBY	PowerPlex® 16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
			28,29		X,Y	7,10	21,26
BUH9EK	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
BXF8UY	Identifiler®						
	1	-	18,26	-	15,17	9,13	11
		13,15	-	-	11	9,11	16,18
		11,13	28,29	-	X,Y	7,10	21,26
BZ4F2E	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
C2N3H8	PowerPlex® Fusion						
	1	16,16.3	18,26	12,14	15,17	9,13	11,11
		13,15	15,16	18,19	11,11	9,11	16,18
		11,13	28,29	14,17	X,Y	7,10	21,26
	5,12	8,13	-	8,9.3	8,8	15,17	

TABLE 2

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

Item 1

C2TEGP	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8	15,17	
C8929F	PowerPlex® Fusion, NGM SElect						
	1	16,16.3	18,26	12,14	15,17	9,13	11,11
		13,15	15,16	18,19	11,11	9,11	16,18
		11,13	28,29	14,17	X,Y	7,10	21,26
		5,12	8,13	18,18	8,9.3	8,8	15,17
CBY9MB	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8	15,17	
CCRXCX	PowerPlex® Fusion, PowerPlex® 16 HS						
	1	16,16.3	18,26	12,14	15,17	9,13	11
		13,15	15,16	18,19	11	9,11	16,18
		11,13	28,29	14,17	X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17
CCWX8C	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8	15,17	
CE3XEJ	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8	15,17	
CE8QNY	Identifiler® Identifiler Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8	15,17	
CEM4PN	Identifiler® Direct						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8	15,17	

TABLE 2

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

Item 1

CFC84B	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
CFQF96	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
CG6X9P	PowerPlex® 16						
	1				15,17	9,13	11,11
		13,15			11,11	9,11	16,18
CHJVRT	PowerPlex® 16 HS						
	1	-	-	-	15,17	9,13	11
		13,15	-	-	11	9,11	16,18
CMBCDE	Identifiler® Identifiler Plus, MiniFiler						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
CR7TFD	Identifiler® Plus, MiniFiler						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
CTXE3W	PowerPlex® PP18D						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
CUAN22	PowerPlex® 16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18

TABLE 2

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

CUCNBW	Identifiler®						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
CVPNJ7	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
CWXC3	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
CY6HY3	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
CYM8JJ	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
CZFRYA	Identifiler® Identifiler Plus						
	1	-	18,26	-	15,17	9,13	11
		13,15			11	9,11	16,18
D3HXAA	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
D6QTNR	PowerPlex® 16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
		28,29			X,Y	7,10	21,26
		5,12	8,13		8,9,3	8	15,17

TABLE 2

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

Item 1

D7L92N	PowerPlex® 16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
			28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17
D8F2W8	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8,8	15,17
D8FY73	Identifiler® Identifiler Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8	15,17
D9QBXZ	PowerPlex® 16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
			28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17
DECAN9	PowerPlex® 16, HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
			28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17
DERQJ2	Global Filer						
	1	16,16.3	18,26	12,14	15,17	9,13	11
		13,15	15,16	18,19	11	9,11	16,18
		11,13	28,29	14,17	X,Y	7,10	21,26
				18	8,9.3	8	15,17
DF3VGX	Identifiler®						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8,8	15,17
DGZ9TB	Identifiler®						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8,8	15,17

TABLE 2

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

Item 1

DGZ9VW	PowerPlex® HS						
	1				15,17	9,13	11,11
		13,15			11,11	9,11	16,18
			28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8,8	15,17
DJNJBB	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8,8	15,17
DK4JUJ	Identifiler® Plus, PowerPlex® 16						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17
DPWTR6	COfiler® and Profiler Plus® ID						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
			28,29		X,Y	7,10	21,26
					8,9.3	8	15,17
DTT8P3	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8,8	15,17
DTWEMA	Identifiler®						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8,8	15,17
DWWMVQ	PowerPlex® 16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
			28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17
DZTN3U	Identifiler® Plus						
	1	-	18,26	-	15,17	9,13	11
		13,15	-	-	11	9,11	16,18
		11,13	28,29	-	X,Y	7,10	21,26
		-	-	-	8,9.3	8	15,17

TABLE 2

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

DZZNBA	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
E2LWMH	Identifiler® , PowerPlex® 16						
	1		18,26		15,17	9,13	11
		11,13	28,29		X,Y	7,10	21,26
E2LYDM	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		11,13	28,29		X,Y	7,10	21,26
E3WRDG	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		11,13	28,29		X,Y	7,10	21,26
E4ALV3	PowerPlex® HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
E62GFP	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		11,13	28,29		X,Y	7,10	21,26
E6769H	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		11,13	28,29		X,Y	7,10	21,26
E7HHG7	PowerPlex® Hot Start						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
			28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17

TABLE 2

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

Item 1

E9J8TT	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
EA2Y7J	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
EC9Q78	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
ECMGRW	PP16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
EDEHP8	Identifiler® Direct						
	1	-	18,26	-	15,17	9,13	11
		13,15			11	9,11	16,18
EGXDRY	Identifiler® Direct						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
EMND27	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
EPDAJR	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18

TABLE 2

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

Item 1

ET7BHK	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
EUN3VC	Identifiler® Identifiler Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
EV8HL6	PowerPlex® Fusion						
	1	16,16.3	18,26	12,14	15,17	9,13	11,11
		13,15	15,16	18,19	11,11	9,11	16,18
EWQQ4R	Identifiler®						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
EZWGJ3	PowerPlex® 16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
F3D99A	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
F6FDE3	PowerPlex® 16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
F6JW37	PowerPlex® HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18

TABLE 2

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

F6K3VE	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
F7X4NM	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
F93B3E	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
FAEHE3	PowerPlex® 16 HS						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
FB9VQE	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
FBTGKP	PowerPlex® 21						
	1	16,16.3	18,26		15,17	9,13	11,11
		13,15		18,19	11,11	9,11	16,18
FC4QMH	Identifiler® Plus, MiniFiler						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
FC4QP4	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18

TABLE 2

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

Item 1

FH76Z8	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
FJ89C2	PowerPlex® 16 HS						
	1				X,Y	7,10	21,26
		11,13	28,29		8,9.3	8	15,17
FQ2DWC	Identifiler® Plus, MiniFiler						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
FQFDLE	Identifiler®						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
FUWWNG	PowerPlex® ESI 17 Pro and NGMSE						
	1	16,16.3	18,26	12,14	15,17		
		13,15	15,16	18,19		9,11	16,18
FV FHJT	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
FWL38T	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
FXJD73	Identifiler®						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18

TABLE 2

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

Item 1

FXUFD9	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
FXZZPW	PowerPlex® 16 HS						
	1		28,29		X,Y	7,10	21,26
		11,13			8,9.3	8	15,17
FYP26E	Identifiler® Identifiler Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
FZ6M6M	PowerPlex® 16 HS						
	1		28,29		X,Y	7,10	21,26
		13,15			11	9,11	16,18
G2EPF8	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
G38FLL	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
G6WNT2	Identifiler® Identifiler Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
G82AMT	PowerPlex® 16						
	1		28,29		X,Y	7,10	21,26
		11,13			8,9.3	8,8	15,17
	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
	PowerPlex® 16						
	1		28,29		X,Y	7,10	21,26
		11,13			8,9.3	8,8	15,17
	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
	PowerPlex® 16						
	1		28,29		X,Y	7,10	21,26
		11,13			8,9.3	8,8	15,17

TABLE 2

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

Item 1

G8HL6Y	PowerPlex® PP16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
			28,29		X,Y	7,10	21,26
GBKEBQ	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
GBNUQC	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
GCEFEE	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
GE2WBM	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
GH4328	PowerPlex® 16						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
			28,29		X,Y	7,10	21,26
GHH7HY	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
GHKCXE	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8	15,17	

TABLE 2

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

Item 1

GHWQW	COfiler® and Profiler Plus®						
	1				15,17	9,13	11,11
		13,15			11,11		16,18
			28,29		X,Y		21,26
							15,17
GKLT6C	Identifiler® Plus, PowerPlex® 16						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8,8	15,17
GKU9JH	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8	15,17	
GLLRK4	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8	15,17	
GNNV4D	Globalfiler						
	1	16,16.3	18,26	12,14	15,17	9,13	11,11
		13,15	15,16	18,19	11,11	9,11	16,18
		11,13	28,29	14,17	X,Y	7,10	21,26
				18,18	8,9.3	8,8	15,17
GQX9YE	Identifiler®						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8	15,17	
GR62JZ	PowerPlex® 18D						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17
GRRY4T	PowerPlex® HS						
	1				15,17	9,13	11,11
		13,15			11,11	9,11	16,18
			28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8,8	15,17

TABLE 2

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

Item 1

GUFWAY	Identifiler®	1	18,26		15,17	9,13	11	
			13,15		11	9,11	16,18	
			11,13	28,29	X,Y	7,10	21,26	
				8,9.3	8	15,17		
GV9TV8	PowerPlex® Fusion	1	16,16.3	18,26	12,14	15,17	9,13	11,11
			13,15	15,16	18,19	11,11	9,11	16,18
			11,13	28,29	14,17	X,Y	7,10	21,26
			5,12	8,13		8,9.3	8,8	15,17
GZ3FDE	Identifiler®	1	18,26		15,17	9,13	11,11	
			13,15		11,11	9,11	16,18	
			11,13	28,29	X,Y	7,10	21,26	
				8,9.3	8,8	15,17		
H8XK3A	Identifiler® Plus	1	18,26		15,17	9,13	11,11	
			13,15		11,11	9,11	16,18	
			11,13	28,29	X,Y	7,10	21,26	
				8,9.3	8,8	15,17		
H9WMRD	Identifiler® Plus	1	18,26		15,17	9,13	11,11	
			13,15		11,11	9,11	16,18	
			11,13	28,29	X,Y	7,10	21,26	
				8,9.3	8,8	15,17		
HD3FMA	Identifiler® Plus	1	18,26		15,17	9,13	11,11	
			13,15		11,11	9,11	16,18	
			11,13	28,29	X,Y	7,10	21,26	
				8,9.3	8,8	15,17		
HFA73K	Identifiler® Plus	1	18,26		15,17	9,13	11,11	
			13,15		11,11	9,11	16,18	
			11,13	28,29	X,Y	7,10	21,26	
				8,9.3	8,8	15,17		
HFQK99	Identifiler® Plus	1	n/a	18,26	n/a	15,17	9,13	11,11
			13,15	n/a	n/a	11,11	9,11	16,18
			11,13	28,29	n/a	X,Y	7,10	21,26
			n/a	n/a	n/a	8,9.3	8,8	15,17

TABLE 2

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

HHYEBZ	Identifiler®						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
HJC2QT	Identifiler® ID+						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
HLXX78	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
HMJV3C	PowerPlex® 16 and ESX16						
	1	16,16.3	18,26	12,14	15,17	9,13	11
		13,15	15,16	18,19	11	9,11	16,18
HQ7G6Y	Identifiler®						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
HQBQ8X	Identifiler®						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
HQWA7D	Identifiler® Identifiler Plus						
	1	NA	18,26	NA	15,17	9,13	11
		13,15	NA	NA	11	9,11	16,18
HWJ8H8	Identifiler® Plus, MiniFiler						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18

TABLE 2

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

Item 1

HXRC9N	Identifiler® Plus						
	1	-	18,26	-	15,17	9,13	11
		13,15	-	-	11	9,11	16,18
		11,13	28,29	-	X,Y	7,10	21,26
		-	-	-	8,9.3	8	15,17
HY4YRN	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8	15,17	
HYKTDB	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8	15,17	
HYMBJM	PowerPlex® 21						
	1	16,16.3	18,26		15,17	9,13	11,11
		13,15		18,19	11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8,8	15,17
HZGKF6	Identifiler® Direct						
	1	-	18,26	-	15,17	9,13	11
		13,15	-	-	11	9,11	16,18
		11,13	28,29	-	X,Y	7,10	21,26
		-	-	-	8,9.3	8	15,17
JBV3DU	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8	15,17	
JFAKTP	PowerPlex® 18D						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17
JHH46K	Identifiler®						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8	15,17	

TABLE 2

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

JKFJM3	PowerPlex® Fusion						
	1	16,16.3	18,26	12,14	15,17	9,13	11,11
		13,15	15,16	18,19	11,11	9,11	16,18
		11,13	28,29	14,17	X,Y	7,10	21,26
		5,12	8,13	-	8,9.3	8,8	15,17
JLBWNM	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8	15,17	
JQPZNH	Identifiler® Direct						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8	15,17	
JRKZT4	PowerPlex® 16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
			28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17
JRZCFE	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8	15,17	
JTCRR8	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8	15,17	
JX9PA8	PowerPlex® 18D						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17
JYLCT7	Identifiler® Plus						
	1	na	18,26	na	15,17	9,13	11,11
		13,15	na	na	11,11	9,11	16,18
		11,13	28,29	na	X,Y	7,10	21,26
		na	na	na	8,9.3	8,8	15,17

TABLE 2

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

Item 1

K4BAV3	PowerPlex® ESI 17 and ESX 17						
	1	16,16.3	18,26	12,14	15,17		
		13,15	15,16	18,19		9,11	16,18
		11,13	28,29	14,17	X,Y		21,26
				18,18	8,9.3		15,17
K66Z2G	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8,8	15,17
K68KVC	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8,8	15,17
K7HWJL	PowerPlex® 16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
			28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17
K7WZYR	Identifiler®						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8	15,17
KGFVBR	PowerPlex® 21						
	1	16,16.3	18,26		15,17	9,13	11,11
		13,15		18,19	11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8,8	15,17
KJQ6F6	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8,8	15,17
KPBCQH	Identifiler® Plus						
	1	NA	18,26	NA	15,17	9,13	11
		13,15	NA	NA	11	9,11	16,18
		11,13	28,29	NA	X,Y	7,10	21,26
		NA	NA	NA	8,9.3	8	15,17

TABLE 2

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

Item 1

KPN4JZ	PowerPlex® 16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
			28,29		X,Y	7,10	21,26
KPP2UV	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
KQ9NQR	PowerPlex® 16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
			28,29		X,Y	7,10	21,26
KRNF3T	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
KU77Q6	Identifiler® Plus, MiniFiler						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
KUNDU2	Identifiler®						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
KVG4ZF	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
KVKNUB	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26

TABLE 2

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

Item 1

KWFVWZ	Identifiler®						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
KWA4XR	Identifiler® Identifiler Plus, PowerPlex® PowerPlex® 16 HS						
	1		18,26		15,17	9,13	11
		11,13	28,29		X,Y	7,10	21,26
KYKAQZ	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		11,13	28,29		X,Y	7,10	21,26
L49YGB	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		11,13	28,29		X,Y	7,10	21,26
L4PXRN	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		11,13	28,29		X,Y	7,10	21,26
L7E7Z4	Identifiler®						
	1		18,26		15,17	9,13	11
		11,13	28,29		X,Y	7,10	21,26
L8QT4G	PowerPlex® 16 HS						
	1				15,17	9,13	11
		13,15	28,29		11	9,11	16,18
L9FCEA	Identifiler® Plus						
	1	NA	18,26	NA	15,17	9,13	11
		11,13	28,29	NA	X,Y	7,10	21,26

TABLE 2

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

Item 1

LBQCFA	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
LDFLMQ	PowerPlex® Fusion, PowerPlex® 16 HS						
	1	16,16.3	18,26	12,14	15,17	9,13	11
		13,15	15,16	18,19	11	9,11	16,18
LE6R72	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
LFVDYQ	Identifiler® Plus, Profiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
LGUPML	PowerPlex® 16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
LJ3B7E	PowerPlex® 16						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
LJ3U6F	Identifiler® Direct						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
LMZTMF	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18

TABLE 2

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

Item 1

LNVYXK	Identifiler®						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8		15,17
LP7BMW	Identifiler®						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8		15,17
LQ2ZKX	Identifiler®						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8		15,17
LRC7D8	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8		15,17
LRXW7R	PowerPlex® 21						
	1	16,16.3	18,26		15,17	9,13	11,11
		13,15		18,19	11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8,8	15,17
LT8HKE	Identifiler®						
	1	-	18,26	-	15,17	9,13	11
		13,15	-	-	11	9,11	16,18
		11,13	28,29	-	X,Y	7,10	21,26
		-	-	-	8,9.3	8	15,17
LWMXB7	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8		15,17
LXLLPG	PowerPlex® 16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
			28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17

TABLE 2

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

Item 1

LYU7NW	PowerPlex® Fusion						
	1	16,16.3	18,26	12,14	15,17	9,13	11
		13,15	15,16	18,19	11	9,11	16,18
		11,13	28,29	14,17	X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17
M7PTNV	PowerPlex® 16 HS, Fusion						
	1	16,16.3	18,26	12,14	15,17	9,13	11
		13,15	15,16	18,19	11	9,11	16,18
		11,13	28,29	14,17	X,Y	7,10	21,26
		5,12	8,13	N/A	8,9.3	8	15,17
MBLKAR	PowerPlex® 16 HS						
	1	-	-	-	15,17	9,13	11
		13,15	-	-	11	9,11	16,18
		-	28,29	-	X,Y	7,10	21,26
		5,12	8,13	-	8,9.3	8	15,17
MDAJJ4	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8	15,17	
MDQ9PH	PowerPlex® 18D						
	1	-	18,26	-	15,17	9,13	11
		13,15	-	-	11	9,11	16,18
		11,13	28,29	-	X,Y	7,10	21,26
		5,12	8,13	-	8,9.3	8	15,17
MFFGXX	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8	15,17	
MJGAKN	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8	15,17	
MKTYU	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8	15,17	

TABLE 2

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

Item 1

ML3WEW	Identifiler® Plus						
	1	--	18,26	--	15,17	9,13	11,11
		13,15	--	--	11,11	9,11	16,18
		11,13	28,29	--	X,Y	7,10	21,26
		--	--	--	8,9.3	8,8	15,17
MN9G3W	Identifiler® Plus, MiniFiler						
	1	-	18,26	-	15,17	9,13	11,11
		13,15	-	-	11,11	9,11	16,18
		11,13	28,29	-	X,Y	7,10	21,26
		-	-	-	8,9.3	8,8	15,17
MUGDVQ	PowerPlex® 16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
			28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17
MW8TY	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8	15,17	
MXF49C	Identifiler® Plus, MiniFiler						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8	15,17	
MY9W4V	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8	15,17	
MZ6ZNB	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8	15,17	
N7LGQR	PowerPlex® 16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
			28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17

TABLE 2

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

Item 1

N9BWU8	Identifiler® Direct						
	1	-	18,26	-	15,17	9,13	11
		13,15	-	-	11	9,11	16,18
		11,13	28,29	-	X,Y	7,10	21,26
		-	-	-	8,9.3	8	15,17
NB2TRE	Identifiler® Plus						
	1	-	18,26	-	15,17	9,13	11,11
		13,15	-	-	11,11	9,11	16,18
		11,13	28,29	-	X,Y	7,10	21,26
		-	-	-	8,9.3	8,8	15,17
NCRH2E	Identifiler® Direct						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8	15,17	
ND34E2	Identifiler® Plus, MiniFiler						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8	15,17	
NGACTT	PowerPlex® 16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
			28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17
NGR2C9	Identifiler® Identifiler Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8	15,17	
NH9RV9	Identifiler® , MiniFiler						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8	15,17	
NP2U3U	Identifiler® Direct						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8	15,17	

TABLE 2

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

Item 1

NP2ZWN	PowerPlex® 21	1	16,16.3	18,26		15,17	9,13	11,11
			13,15		18,19	11,11	9,11	16,18
			11,13	28,29		X,Y	7,10	21,26
			5,12	8,13		8,9.3	8,8	15,17
NR8PT7	Identifiler® Plus	1		18,26		15,17	9,13	11,11
			13,15			11,11	9,11	16,18
			11,13	28,29		X,Y	7,10	21,26
						8,9.3	8,8	15,17
NXDEEJ	Identifiler® ID+	1		18,26		15,17	9,13	11,11
			13,15			11,11	9,11	16,18
			11,13	28,29		X,Y	7,10	21,26
						8,9.3	8,8	15,17
NZY6HA	Identifiler® Plus, MiniFiler	1		18,26		15,17	9,13	11
			13,15			11	9,11	16,18
			11,13	28,29		X,Y	7,10	21,26
						8,9.3	8	15,17
P23RHE	Identifiler® Plus	1	NA	18,26	NA	15,17	9,13	11
			13,15	NA	NA	11	9,11	16,18
			11,13	28,29	NA	X,Y	7,10	21,26
			NA	NA	NA	8,9.3	8	15,17
P3Z2U6	Identifiler® Plus, PowerPlex® ESX 17	1	16,16.3	18,26	12,14	15,17	9,13	11,11
			13,15	15,16	18,19	11,11	9,11	16,18
			11,13	28,29	14,17	X,Y	7,10	21,26
					18,18	8,9.3	8,8	15,17
P4W7YH	PowerPlex® 16 HS	1				15,17	9,13	11
			13,15			11	9,11	16,18
				28,29		X,Y	7,10	21,26
			5,12	8,13		8,9.3	8	15,17
P73Y6X	Identifiler® Plus	1		18,26		15,17	9,13	11,11
			13,15			11,11	9,11	16,18
			11,13	28,29		X,Y	7,10	21,26
						8,9.3	8,8	15,17

TABLE 2

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

Item 1

P8BLPA	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
P8C4HL	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
P8WPBC	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
P97R43	Identifiler® Plus, MiniFiler						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
P9YN7C	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
PCPQB6	Identifiler® Direct						
	1	-	18,26	-	15,17	9,13	11
		13,15			11	9,11	16,18
PD6FPW	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
PGK7T7	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18

TABLE 2

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

Item 1

PHUX48	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8	15,17	
PLEDKA	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8	15,17	
PMAVNW	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8	15,17	
PR2TZL	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8	15,17	
PUQ4W7	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8	15,17	
PY66DQ	PowerPlex® PP16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
			28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17
PZTKG8	PowerPlex® 21						
	1	16,16.3	18,26		15,17	9,13	11,11
		13,15		18,19	11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8,8	15,17
PZTM7B	PowerPlex® 18D						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17

TABLE 2

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

Item 1

Q3FLVU	Identifiler®						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8	15,17	
Q3FLXE	Identifiler® Plus						
	1	-	18,26	-	15,17	9,13	11
		13,15	-	-	11	9,11	16,18
		11,13	28,29	-	X,Y	7,10	21,26
		-	-	-	8,9.3	8	15,17
Q3KWXR	Identifiler®						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		[X],Y	7,10	21,26
					8,9.3	8	15,17
Q66V6V	PowerPlex® Fusion, CS7						
	1	16,16.3	18,26	12,14	15,17	9,13	11,11
		13,15	15,16	18,19	11,11	9,11	16,18
		11,13	28,29	14,17	X,Y	7,10	21,26
		5,12	8,13		8,9.3	8,8	15,17
Q6JFKX	PowerPlex® 16						
	1	N/A	N/A	N/A	15,17	9,13	11,11
		13,15	N/A	N/A	11,11	9,11	16,18
		N/A	28,29	N/A	X,Y	7,10	21,26
		5,12	8,13	N/A	8,9.3	8,8	15,17
Q6MXZA	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8	15,17
Q8BW6D	Identifiler® Direct						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8	15,17
Q97F9Z	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8,8	15,17

TABLE 2

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

Item 1

QBRV69	PowerPlex® 16						
	1				15,17	9,13	11,11
	13,15				11,11	9,11	16,18
	5,12		28,29		X,Y	7,10	21,26
QBFY3	Identifiler® Plus				8,9.3	8,8	15,17
	1		18,26		15,17	9,13	11,11
	13,15				11,11	9,11	16,18
	11,13		28,29		X,Y	7,10	21,26
QEEB2V	Identifiler® Plus				8,9.3	8,8	15,17
	1		18,26		15,17	9,13	11,11
	13,15				11,11	9,11	16,18
	11,13		28,29		X,Y	7,10	21,26
QEMTE8	IDENTIFILER PLEX PLUS				8,9.3	8,8	15,17
	1		18,26		15,17	9,13	11,11
	13,15				11,11	9,11	16,18
	11,13		28,29		X,Y	7,10	21,26
QFPMNJ	PowerPlex® 16 HS				8,9.3	8,8	15,17
	1				15,17	9,13	11
	13,15				11	9,11	16,18
	5,12		28,29		X,Y	7,10	21,26
QGY8H9	Identifiler® Plus, MiniFiler				8,9.3	8	15,17
	1		18,26		15,17	9,13	11
	13,15				11	9,11	16,18
	11,13		28,29		X,Y	7,10	21,26
QGYWGG	PowerPlex® 16 HS				8,9.3	8	15,17
	1				15,17	9,13	11
	13,15				11	9,11	16,18
	5,12		28,29		X,Y	7,10	21,26
QH9AAY	Identifiler® Plus				8,9.3	8	15,17
	1	N/A	18,26	N/A	15,17	9,13	11,11
	13,15		N/A	N/A	11,11	9,11	16,18
	11,13		28,29	N/A	X,Y	7,10	21,26
		N/A	N/A	N/A	8,9.3	8,8	15,17

TABLE 2

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

Item 1

QHRQCY	Identifiler® Plus	1	18,26		15,17	9,13	11	
					11	9,11	16,18	
					X,Y	7,10	21,26	
					8,9.3	8	15,17	
QJ6H6G	PowerPlex® 16 HS	1			15,17	9,13	11	
					11	9,11	16,18	
					X,Y	7,10	21,26	
					8,9.3	8	15,17	
QJD6CN	PowerPlex® PP16 and PP16 HS	1			15,17	9,13	11,11	
					11,11	9,11	16,18	
					X,Y	7,10	21,26	
					8,9.3	8,8	15,17	
QJM7NW	Identifiler®	1	18,26		15,17	9,13	11,11	
					11,11	9,11	16,18	
					X,Y	7,10	21,26	
					8,9.3	8,8	15,17	
QL8UTN	Identifiler® Plus	1	18,26		15,17	9,13	11,11	
					11,11	9,11	16,18	
					X,Y	7,10	21,26	
					8,9.3	8,8	15,17	
QMZJD6	Identifiler® Plus	1	NA	18,26	NA	15,17	9,13	11
					NA	11	9,11	16,18
					NA	X,Y	7,10	21,26
					NA	8,9.3	8	15,17
QPCLGA	PowerPlex® 16 HS	1	-	-	-	15,17	9,13	11
					-	11	9,11	16,18
					-	X,Y	7,10	21,26
					-	8,9.3	8	15,17
QQ8W4J	PowerPlex® 16	1				15,17	9,13	11
						11	9,11	16,18
						X,Y	7,10	21,16
						8,9.3	8	15,17

TABLE 2

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

Item 1

QUWE33	Identifiler® , PowerPlex® HS						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17
QW268W	PowerPlex® 16						
	1	Not Tested	Not Tested	Not Tested	15,17	9,13	11,11
		13,15	Not Tested	Not Tested	11,11	9,11	16,18
		Not Tested	28,29	Not Tested	X,Y	7,10	21,26
		5,12	8,13	Not Tested	8,9.3	8,8	15,17
QY3WKX	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8	15,17
QYDNK2	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8,8	15,17
QZRCND	Identifiler® Plus						
	1	NA	18,26	NA	15,17	9,13	11
		13,15	NA	NA	11	9,11	16,18
		11,13	28,29	NA	X,Y	7,10	21,26
		NA	NA	NA	8,9.3	8	15,17
R2ZAPE	PowerPlex® 16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
			28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17
R3UZT9	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8	15,17
R3XXCD	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8	15,17

TABLE 2

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

Item 1

R47Q3C	Identifiler®						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8	15,17	
R7WBUW	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8	15,17	
R948F7	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8	15,17	
RAGL4F	PowerPlex® 16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
			28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17
RAXVWG	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8	15,17	
RD8Q8Y	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8	15,17	
RE4A4X	Identifiler®						
	1	-	18,26	-	15,17	9,13	11
		13,15	-	-	11	9,11	16,18
		11,13	28,29	-	X,Y	7,10	21,26
		-	-	-	8,9.3	8	15,17
RGEBL6	Identifiler®						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8	15,17	

TABLE 2

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

Item 1

RH92RJ	PowerPlex® 16 HS						
	1				15,17	9,13	11,11
	13,15				11,11	9,11	16,18
	5,12		28,29		X,Y	7,10	21,26
RKELFJ	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
	13,15				11,11	9,11	16,18
	11,13		28,29		X,Y	7,10	21,26
RKEP6N	Identifiler® Plus						
	1		18,26		15,17	9,13	11
	13,15				11	9,11	16,18
	11,13		28,29		X,Y	7,10	21,26
RMGY6R	Identifiler®						
	1		18,26		15,17	9,13	11
	13,15				11	9,11	16,18
	11,13		28,29		X,Y	7,10	21,26
RPQUJA	PowerPlex® 18D						
	1		18,26		15,17	9,13	11
	13,15				11	9,11	16,18
	11,13		28,29		X,Y	7,10	21,26
RQ7RFF	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
	13,15				11,11	9,11	16,18
	11,13		28,29		X,Y	7,10	21,26
RWA AHT	PowerPlex® 16 HS						
	1				15,17	9,13	11,11
	13,15				11,11	9,11	16,18
	5,12		28,29		X,Y	7,10	21,26
RWL6PT	PowerPlex® Fusion						
	1	16,16.3	18,26	12,14	15,17	9,13	11,11
	13,15		15,16	18,19	11,11	9,11	16,18
	11,13		28,29	14,17	X,Y	7,10	21,26
	5,12		8,13	-	8,9.3	8,8	15,17

TABLE 2

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

Item 1

RXUFHQ	PowerPlex® Fusion						
	1	16,16.3	18,26	12,14	15,17	9,13	11,11
		13,15	15,16	18,19	11,11	9,11	16,18
		11,13	28,29	14,17	X,Y	7,10	21,26
		5,12	8,13	-	8,9.3	8,8	15,17
RZ6RLR	PowerPlex® 16-HS						
	1				15,17	9,13	11,11
		13,15			11,11	9,11	16,18
			28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8,8	15,17
T3VKA3	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8,8	15,17
TB88AC	PowerPlex® 16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
			28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17
TDA3WK	PowerPlex® 21						
	1	16,16.3	18,26		15,17	9,13	11,11
		13,15		18,19	11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8,8	15,17
TDEEHW	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8,8	15,17
TEN4QU	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8,8	15,17
TFFP94	Identifiler®						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8	15,17

TABLE 2

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

Item 1

TFTPW	Identifiler® Identifiler Plus, MiniFiler						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8		15,17
TGAFEJ	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8,8		15,17
TGNG4L	Identifiler® Plus						
	1	-	18,26	-	15,17	9,13	11
		13,15	-	-	11	9,11	16,18
		11,13	28,29	-	X,Y	7,10	21,26
		-	-	-	8,9.3	8	15,17
TJEYH7	Identifiler® Plus						
	1	N/A	18,26	N/A	15,17	9,13	11,11
		13,15	N/A	N/A	11,11	9,11	16,18
		11,13	28,29	N/A	X,Y	7,10	21,26
		N/A	N/A	N/A	8,9.3	8,8	15,17
TKPH74	Identifiler® Direct						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8		15,17
TL662H	PowerPlex® 21						
	1	16,16.3	18,26		15,17	9,13	11,11
		13,15		18,19	11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8,8	15,17
TMFHRE	Identifiler® Plus & Identifiler						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8		15,17
TMWQJU	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8		15,17

TABLE 2

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

TQWE6N	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
TRRM4E	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
TLLMZ	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
TV9F88	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
TWJRWJ	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
TYQMMU	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
TZ2JUJ	PowerPlex® 16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
U73Z46	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18

TABLE 2

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

U7RJ4T	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
U8ZTWP	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
U9C6JE	PowerPlex® 16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
UALPC3	Identifiler® Plus, MiniFiler						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
UCBJ74	GlobalFiler Express						
	1	16,16.3	18,26	12,14	15,17	9,13	11,11
		13,15	15,16	18,19	11,11	9,11	16,18
UCCQHJ	PowerPlex® 16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
UD4ACH	PowerPlex® 16 HS						
	1	not tested	not tested	not tested	15,17	9,13	11
		13,15	not tested	not tested	11	9,11	16,18
UF9C9U	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18

TABLE 2

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

Item 1

UFTJJX	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8,8	15,17
UFTL93	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8,8	15,17
UG4VDF	PowerPlex® 16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
			28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17
UGNPXQ	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8,8	15,17
UJAFZF	PowerPlex® PP16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
			28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17
UKEAG9	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8	15,17
ULF2NG	PowerPlex® 16 HS, PowerPlex® Fusion						
	1	16,16.3	18,26	12,14	15,17	9,13	11
		13,15	15,16	18,19	11	9,11	16,18
		11,13	28,29	14,17	X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17
UMB6C3	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8	15,17

TABLE 2

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

Item 1

UMP9FM	PowerPlex® Fusion							
	1	16,16.3	18,26	12,14	15,17	9,13	11,11	
		13,15	15,16	18,19	11,11	9,11	16,18	
		11,13	28,29	14,17	X,Y	7,10	21,26	
UN2MG4	Identifiler® Plus							
		1		18,26		15,17	9,13	11,11
			13,15			11,11	9,11	16,18
			11,13	28,29		X,Y	7,10	21,26
UNMG2E	Identifiler® Plus							
		1		18,26		15,17	9,13	11
			13,15			11	9,11	16,18
			11,13	28,29		X,Y	7,10	21,26
UP2BVD	Identifiler® Plus							
		1		18,26		15,17	9,13	11,11
			13,15			11,11	9,11	16,18
			11,13	28,29		X,Y	7,10	21,26
UP2P79	Identifiler® Plus							
		1		18,26		15,17	9,13	11
			13,15			11	9,11	16,18
			11,13	28,29		X,Y	7,10	21,26
UV9AFY	Identifiler® Plus							
		1		18,26		15,17	9,13	11,11
			13,15			11,11	9,11	16,18
			11,13	28,29		X,Y	7,10	21,26
UW3TJL	PowerPlex® HS							
		1				15,17	9,13	11
			13,15			11	9,11	16,18
				28,29		X,Y	7,10	21,26
UWWPJF	Identifiler®							
		1	-	18,26	-	15,17	9,13	11
			13,15	-	-	11	9,11	16,18
			11,13	28,29	-	X,Y	7,10	21,26
		-	-	-	8,9.3	8	15,17	

TABLE 2

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

Item 1

UWWR9J	Identifiler®						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8,8	15,17
UXTRJH	PowerPlex® 21						
	1	16,16.3	18,26		15,17	9,13	11,11
		13,15		18,19	11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8,8	15,17
V277UN	PowerPlex® 16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
			28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17
V6KYAV	PowerPlex® FUSION, NGM SElect						
	1	16,16.3	18,26	12,14	15,17	9,13	11,11
		13,15	15,16	18,19	11,11	9,11	16,18
		11,13	28,29	14,17	X,Y	7,10	21,26
		5,12	8,13	18,18	8,9.3	8,8	15,17
V7U93T	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8	15,17
V9AZWX	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8,8	15,17
VA4TRF	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8	15,17
VBDZQ3	Identifiler® Identifiler Plus						
	1	-	18,26	-	15,17	9,13	11,11
		13,15	-	-	11,11	9,11	16,18
		11,13	28,29	-	X,Y	7,10	21,26
		-	-	-	8,9.3	8,8	15,17

TABLE 2

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

Item 1

VBY3Q6	PowerPlex® 16						
	1				15,17	9,13	11
	13,15				11	9,11	16,18
	5,12		28,29		X,Y	7,10	21,26
VC3AMW	Identifiler® Plus						
	1		18,26		15,17	9,13	11
	13,15				11	9,11	16,18
	11,13		28,29		X,Y	7,10	21,26
VGX2VU	PowerPlex® 16						
	1	N/A	N/A	N/A	15,17	9,13	11,11
	13,15		N/A	N/A	11,11	9,11	16,18
	5,12		28,29	N/A	X,Y	7,10	21,26
VGYJX4	PowerPlex® 16 HS						
	1				15,17	9,13	11
	13,15				11	9,11	16,18
	5,12		28,29		X,Y	7,10	21,26
VHJZGD	PowerPlex® ESX16						
	1	16,16.3	18,26	12,14	15,17		
	13,15		15,16	18,19		9,11	16,18
	11,13		28,29	14,17	X,Y		21,26
VJQRGZ	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
	13,15				11,11	9,11	16,18
	11,13		28,29		X,Y	7,10	21,26
VL6RXZ	PowerPlex® 16 HS						
	1				15,17	9,13	11
	13,15				11	9,11	16,18
	5,12		28,29		X,Y	7,10	21,26
VLW9WJ	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
	13,15				11,11	9,11	16,18
	11,13		28,29		X,Y	7,10	21,26
					8,9.3	8,8	15,17

TABLE 2

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

Item 1

VQQYZ	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8	15,17
VQR4DX	Identifiler® Plus						
	1	NT	18,26	NT	15,17	9,13	11,11
		13,15	NT	NT	11,11	9,11	16,18
		11,13	28,29	NT	X,Y	7,10	21,26
		NT	NT	NT	8,9.3	8,8	15,17
VRBJ4Q	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8,8	15,17
V2KN8	Identifiler® Plus						
	1	NA	18,26	NA	15,17	9,13	11,11
		13,15	NA	NA	11,11	9,11	16,18
		11,13	28,29	NA	X,Y	7,10	21,26
		NA	NA	NA	8,9.3	8,8	15,17
W72A69	Identifiler® Plus, MiniFiler						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8	15,17
W8TXA2	GlobalFiler Express						
	1	16,16.3	18,26	12,14	15,17	9,13	11,11
		13,15	15,16	18,19	11,11	9,11	16,18
		11,13	28,29	14,17	X,Y	7,10	21,26
				18,18	8,9.3	8,8	15,17
W9MQ6K	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8	15,17
WADH4R	Identifiler® Plus						
	1	--	18,26	--	15,17	9,13	11,11
		13,15	--	--	11,11	9,11	16,18
		11,13	28,29	--	X,Y	7,10	21,26
		--	--	--	8,9.3	8,8	15,17

TABLE 2

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

Item 1

WAH8J3	PowerPlex® 18D						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17
WBCXNW	Identifiler® Plus						
	1	no profile	18,26	no profile	15,17	9,13	11,11
		13,15	no profile	no profile	11,11	9,11	16,18
		11,13	28,29	no profile	X,Y	7,10	21,26
		no profile	no profile	no profile	8,9.3	8,8	15,17
WDZYL	PowerPlex® PP18D						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17
WEBAN3	Globalfiler Express						
	1	16,16.3	18,26	12,14	15,17	9,13	11,11
		13,15	15,16	18,19	11,11	9,11	16,18
		11,13	28,29	14,17	X,Y	7,10	21,26
			18,18	8,9.3	8,8	15,17	
WF6ZUG	PowerPlex® 16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
			28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17
WGFCHT	Identifiler®						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
				8,9.3	8	15,17	
WGH4BA	Identifiler® Plus						
	1	-	18,26	-	15,17	9,13	11
		13,15	-	-	11	9,11	16,18
		11,13	28,29	-	X,Y	7,10	21,26
		-	-	-	8,9.3	8	15,17
WHP44Z	GlobalFiler Express						
	1	16,16.3	18,26	12,14	15,17	9,13	11,11
		13,15	15,16	18,19	11,11	9,11	16,18
		11,13	28,29	14,17	X,Y	7,10	21,26
			18,18	8,9.3	8,8	15,17	

TABLE 2

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

WJ39QJ	Identifiler®						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
WKFKM4	PowerPlex® 16						
	1				X,Y	7,10	21,26
		11,13	28,29		8,9.3	8,8	15,17
WLM67W	PowerPlex® HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
WMZRQW	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
WPD244	PowerPlex® 16 HS						
	1				X,Y	7,10	21,26
		11,13	28,29		8,9.3	8,8	15,17
WPPZXD	PowerPlex® 16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
WU4YM7	Identifiler® Direct						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
WVYHRR	Identifiler® Plus						
	1				X,Y	7,10	21,26
		11,13	28,29		8,9.3	8	15,17
WVYHRR	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
WVYHRR	Identifiler® Plus						
	1				X,Y	7,10	21,26
		11,13	28,29		8,9.3	8	15,17

TABLE 2

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

Item 1

WW9RDX	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
WWQKCM	PowerPlex® 16 HS						
	1				X,Y	7,10	21,26
		11,13	28,29		8,9.3	8	15,17
WWUM6U	Identifiler®						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
X2BVA6	COfiler® and Profiler Plus®						
	1				X,Y	7,10	21,26
		11,13	28,29		8,9.3	8	15,17
X3UEU4	PowerPlex® 16 HS						
	1				15,17	9,13	11,11
		13,15			11,11	9,11	16,18
X63NQ8	PowerPlex® 18D						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
X6HK2Y	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
X9HYZ6	Identifiler®						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18

TABLE 2

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

Item 1

XAAM8J	PowerPlex® 16 HS						
	1				15,17	9,13	11,11
	13,15				11,11	9,11	16,18
	5,12	28,29	8,13		X,Y	7,10	21,26
XBQ9UM	Identifiler Plus						
	1		18,26		15,17	9,13	11,11
	13,15				11,11	9,11	16,18
	11,13	28,29			X,Y	7,10	21,26
XCKYZ2	PowerPlex® 16						
	1				15,17	9,13	11,11
	13,15				11,11	9,11	16,18
	5,12	28,29	8,13		(X),Y	7,10	21,26
XFZMGT	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
	13,15				11,11	9,11	16,18
	11,13	28,29			X,Y	7,10	21,26
XFZP7W	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
	13,15				11,11	9,11	16,18
	11,13	28,29			X,Y	7,10	21,26
XGFQ9Y	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
	13,15				11,11	9,11	16,18
	11,13	28,29			X,Y	7,10	21,26
XKWGP9	Identifiler®						
	1		18,26		15,17	9,13	11,11
	13,15				11,11	9,11	16,18
	11,13	28,29			X,Y	7,10	21,26
KXXXNL	Identifiler®						
	1		18,26		15,17	9,13	11
	13,15				11	9,11	16,18
	11,13	28,29			X,Y	7,10	21,26
					8,9,3	8	15,17

TABLE 2

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

Item 1

XPRD98	PowerPlex® 18D						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17
XQDR9W	Identifiler® , Identifiler Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8	15,17
XQEMTM	Identifiler® Identifiler Plus						
	1	-	18,26	-	15,17	9,13	11,11
		13,15	-	-	11,11	9,11	16,18
		11,13	28,29	-	X,Y	7,10	21,26
					8,9.3	8,8	15,17
XUVW3K	Identifiler® & Identifiler Plus, PowerPlex® 16						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8,8	15,17
XX6UVU	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8,8	15,17
XZAYD2	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8	15,17
XZQLYK	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8,8	15,17
Y3Q8AM	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8,8	15,17

TABLE 2

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

Item 1

Y4J727	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
Y79F9M	PowerPlex® HS						
	1				X,Y	7,10	21,26
		11,13	28,29		8,9.3	8	15,17
Y7A7MH	Identifiler®						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
YDBPGZ	Identifiler® Plus, MiniFiler						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
YEKMYN	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
YFDE63	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
YFDMQ8	Identifiler® Plus						
	1	-	18,26	-	15,17	9,13	11
		13,15			11	9,11	16,18
YFU3D3	PowerPlex® 16 HS						
	1	NA	NA	NA	15,17	9,13	11
		13,15	NA	NA	11	9,11	16,18
	NA	28,29	NA	NA	X,Y	7,10	21,26
	5,12	8,13	NA	NA	8,9.3	8	15,17

TABLE 2

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

Item 1

YG7E3E	PowerPlex® 16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
			28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17
YGN6AD	Identifiler® Plus, PowerPlex® HS						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17
YGQHPY	GlobalFiler Express						
	1	16,16.3	18,26	12,14	15,17	9,13	11
		13,15	15,16	18,19	11	9,11	16,18
		11,13	28,29	14,17	X,Y	7,10	21,26
				18	8,9.3	8	15,17
YHLQM6	Identifiler® Plus, MiniFiler						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8	15,17
YKK8HL	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8,8	15,17
YKRN3K	PowerPlex® 16 HS						
	1				15,17	9,13	11,11
		13,15			11,11	9,11	16,18
			28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8,8	15,17
YMXG9Y	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8,8	15,17
YNGVYT	PowerPlex® 16 HS, PowerPlex® ESX17						
	1	16,16.3	18,26	12,14	15,17	9,13	11,11
		13,15	15,16	18,19	11,11	9,11	16,18
		11,13	28,29	14,17	X,Y	7,10	21,26
		5,12	8,13	18,18	8,9.3	8,8	15,17

TABLE 2

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

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YQF8P9	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
YQXUQH	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
YT4EEH	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
YVU28Q	Identifiler®						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
YXEBC7	Identifiler® Plus						
	1	-	18,26	-	15,17	9,13	11
		13,15			11	9,11	16,18
YXJ9P3	Identifiler® Direct						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
YYUKEE	Identifiler® Plus, MiniFiler						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
Z3N27X	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18

TABLE 2

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

Item 1

Z6ANYL	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8,8	15,17
Z6VL6D	PowerPlex® 21						
	1	16,16.3	18,26		15,17	9,13	11,11
		13,15		18,19	11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8,8	15,17
Z7MEPG	Identifiler®						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8,8	15,17
Z8XU4V	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8,8	15,17
ZA6CJY	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8	15,17
ZAH8Q	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8	15,17
ZDM6L7	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8,8	15,17
ZFWGEN	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8,8	15,17

TABLE 2

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

Item 1

ZG9U4X	Identifiler®						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8	15,17
ZJRH76	Identifiler® Plus						
	1	-	18,26	-	15,17	9,13	11
		13,15	-	-	11	9,11	16,18
		11,13	28,29	-	X,Y	7,10	21,26
		-	-	-	8,9.3	8	15,17
ZM6JUW	PowerPlex® 16						
	1	N/A	N/A	N/A	15,17	9,13	11,11
		13,15	N/A	N/A	11,11	9,11	16,18
		N/A	28,29	N/A	X,Y	7,10	21,26
		5,12	8,13	N/A	8,9.3	8,8	15,17
ZN82DE	PowerPlex® PP16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
			28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17
ZNLXUX	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8	15,17
ZQD47G	PowerPlex® Hot Start						
	1				15,17	9,13	11,11
		13,15			11,11	9,11	16,18
			28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8,8	15,17
ZQE783	Identifiler® Plus						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8,8	15,17
ZTE69Z	PowerPlex® 16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
			28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17

TABLE 2

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

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ZTT42H	Identifiler® Plus						
	1		18,26		15,17	9,13	11
		13,15			11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8	15,17
ZUG3YH	PowerPlex® 16 HS						
	1				15,17	9,13	11
		13,15			11	9,11	16,18
			28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8	15,17
ZV93WT	Identifiler® Plus						
	1	not tested	18,26	not tested	15,17	9,13	11,11
		13,15	not tested	not tested	11,11	9,11	16,18
		11,13	28,29	not tested	X,Y	7,10	21,26
		not tested	not tested	not tested	8,9.3	8,8	15,17
ZWZGZX	Identifiler® Plus, MiniFiler						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8,8	15,17
ZY9WMN	Identifiler®						
	1		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8,8	15,17
ZZ4K2D	PowerPlex® 21						
	1	16,16.3	18,26		15,17	9,13	11,11
		13,15		18,19	11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
		5,12	8,13		8,9.3	8,8	15,17

TABLE 2

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

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22N8ZD	Identifiler® Plus						
	2	-	17,22	-	14	11	8,10
		12,14	-	-	11,13	9,13	12,17
		13,14	27,30	-	X,Y	10,12	22,23
		-	-	-	6,8	10,11	17
232X8W	Identifiler® Plus						
	2	n/a	17,22	n/a	14,14	11,11	8,10
		12,14	n/a	n/a	11,13	9,13	12,17
		13,14	27,30	n/a	X,Y	10,12	22,23
		n/a	n/a	n/a	6,8	10,11	17,17
23LWHU	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
		NA	NA		6,8	10,11	17
24DG8T	PowerPlex® 16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17
24X977	Identifiler® and Identifiler Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17
28C3M4	Identifiler® /Identifiler Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17
2BBRBH	PowerPlex® 16 Hot Start						
	2				14,14	11,11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17,17
2BU8BZ	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17

TABLE 2

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

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2KECBK	PowerPlex® Fusion						
	2	15,15	17,22	10,10	14,14	11,11	8,10
		12,14	14,14	18,22	11,13	9,13	12,17
		13,14	27,30	11,15	X,Y	10,12	22,23
		11,13	7,19	-	6,8	10,11	17,17
2MCHAR	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
				6,8	10,11	17,17	
2MPCRD	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
				6,8	10,11	17,17	
2PERVU	Identifiler® Plus						
	2	NA	17,22	NA	14	11	8,10
		12,14	NA	NA	11,13	9,13	12,17
		13,14	27,30	NA	X,Y	10,12	22,23
		NA	NA	NA	6,8	10,11	17
2R4RH6	PowerPlex® 18D						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17
2XQAKZ	PowerPlex® 16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17
2YKZNT	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
				6,8	10,11	17,17	
2YY2G3	Identifiler® Plus						
	2	na	17,22	na	14	11	8,10
		12,14	na	na	11,13	9,13	12,17
		13,14	27,30	na	X,Y	10,12	22,23
		na	na	na	6,8	10,11	17

TABLE 2

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

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32LQMZ	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
33ET4N	Identifiler® , MiniFiler						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
37XYQQ	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
396JP6	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
3AHM9H	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
3AZWYX	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
3C6XBA	PowerPlex® 21						
	2	15,15	17,22		14,14	11,11	8,10
		12,14		18,22	11,13	9,13	12,17
3FPLT2	PowerPlex® 16 HS						
	2		27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17

TABLE 2

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

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3J2F8R	Identifiler® , PowerPlex® 16						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17,17
3JFQXJ	Identifiler® Plus						
	2	-	17,22	-	14,14	11,11	8,10
		12,14	-	-	11,13	9,13	12,17
		13,14	27,30	-	X,Y	10,12	22,23
		-	-	-	6,8	10,11	17,17
3JMVP4	PowerPlex® 18D						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17
3LT3BG	PowerPlex® 16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17
3MYLXQ	PowerPlex® 16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17
3NYN3M	Identifiler® Plus						
	2	-	17,22	-	14,14	11,11	8,10
		12,14	-	-	11,13	9,13	12,17
		13,14	27,30	-	X,Y	10,12	22,23
		-	-	-	6,8	10,11	17,17
3PU4FK	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
3Q8V82	Identifiler® Plus, MiniFiler						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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3VZVNH	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
3WC8B7	PowerPlex® 18D						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
3WER62	Identifiler® Direct						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
3WQ4NK	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
3X43VU	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
3XN8L3	Identifiler® Plus, MiniFiler						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
3ZWJ6P	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
42JHxD	PowerPlex® 16 HS						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17

TABLE 2

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

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4442LA	PowerPlex® 16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
47EG3B	GlobalFiler						
	2	15	17,22	10	14	11	8,10
		12,14	14	18,22	11,13	9,13	12,17
		13,14	27,30	11,15	X,Y	10,12	22,23
489NHM	Identifiler®						
	2	-	17,22	-	14,14	11,11	8,10
		12,14	-	-	11,13	9,13	12,17
		13,14	27,30	-	X,Y	10,12	22,23
493EN2	PowerPlex® 21						
	2	15,15	17,22		14,14	11,11	8,10
		12,14		18,22	11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
494LYN	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
4AVLWY	Identifiler® Identifiler Plus						
	2	NA	17,22	NA	14	11	8,10
		12,14	NA	NA	11,13	9,13	12,17
		13,14	27,30	NA	X,Y	10,12	22,23
4AXUZX	Identifiler® Direct						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
4D8PCF	PowerPlex® Fusion						
	2	15,15	17,22	10,10	14,14	11,11	8,10
		12,14	14,14	18,22	11,13	9,13	12,17
		13,14	27,30	11,15	X,Y	10,12	22,23
		11,13	7,19	-	6,8	10,11	17,17

TABLE 2

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

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4DUMPM	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
				6,8	10,11	17	
4F2D8H	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
				6,8	10,11	17,17	
4F2FTF	PowerPlex® HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17
4KCBTJ	Identifiler® Direct						
	2	-	17,22	-	14	11	8,10
		12,14	-	-	11,13	9,13	12,17
		13,14	27,30	-	X,Y	10,12	22,23
		-	-	-	6,8	10,11	17
4M3KTD	PowerPlex® HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17
4MHTUZ	Identifiler® Plus						
	2	NA	17,22	NA	14	11	8,10
		12,14	NA	NA	11,13	9,13	12,17
		13,14	27,30	NA	X,Y	10,12	22,23
		NA	NA	NA	6,8	10,11	17
4MVKKW	Identifiler®						
	2	-	17,22	-	14	11	8,10
		12,14	-	-	11,13	9,13	12,17
		13,14	27,30	-	X,Y	10,12	22,23
		-	-	-	6,8	10,11	17
4NDZ8Q	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
				6,8	10,11	17	

TABLE 2

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

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4NTTTF	PowerPlex® 16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
4UKXPQ	PowerPlex® 16						
	2		27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17
4WJJ9G	Identifiler®						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
4YPY98	PowerPlex® 16 HS						
	2		27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17,17
62XYBY	PowerPlex® 16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
6336K8	Profiler Plus ®						
	2		27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17
638FG4	Identifiler®						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
64MXHN	Identifiler® Plus						
	2	NA	17,22	NA	14,14	11,11	8,10
		12,14	NA	NA	11,13	9,13	12,17
		13,14	27,30	NA	X,Y	10,12	22,23
		NA	NA	NA	6,8	10,11	17,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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66FT2Q	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
67TQJV	PowerPlex® 16 HS						
	2				X,Y	10,12	22,23
		13,14	27,30		6,8	10,11	17,17
682BJC	Identifiler® Direct						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
68YNM7	Identifiler® ID+, PowerPlex® PP16, PP16 HS						
	2		17,22		X,Y	10,12	22,23
		13,14	27,30		6,8	10,11	17,17
6929XD	PowerPlex® 16 HS						
	2				14,14	11,11	8,10
		12,14			11,13	9,13	12,17
6ABHL6	Identifiler®						
	2		17,22		X,Y	10,12	22,23
		13,14	27,30		6,8	10,11	17,17
6AQN2U	Identifiler® Plus, MiniFiler						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
6BKTTM	Identifiler®						
	2		17,22		X,Y	10,12	22,23
		13,14	27,30		6,8	10,11	17,17

TABLE 2

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

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6BW8N4	PowerPlex® 16, 16 HS						
	2				14,14	11,11	8,10
		12,14			11,13	9,13	12,17
6DBYCX	Identifiler® Direct						
	2		27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17,17
6EM98Y	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
6QCC94	Identifiler®						
	2	-	17,22	-	14	11	8,10
		12,14	-	-	11,13	9,13	12,17
6QW47V	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
6TLAN7	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
6UVE4F	Identifiler®						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
6W6VNL	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17

TABLE 2

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

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6Z3HY2	PowerPlex® 16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
6ZMPCT	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
76ENB2	PowerPlex® 16 HS						
	2	-	-	-	14	11	8,10
		12,14	-	-	11,13	9,13	12,17
		-	27,30	-	X,Y	10,12	22,23
76QF64	PowerPlex® 21						
	2	15,15	17,22		14,14	11,11	8,10
		12,14		18,22	11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
774UTD	PowerPlex® Hot Start						
	2				14,14	11,11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
774WHH	PowerPlex® 16						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
77A8EN	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
77Y9RK	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
				6,8	10,11	17,17	

TABLE 2

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

79T4ZT	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
7BYGQ8	PowerPlex® 21						
	2	15,15	17,22		14,14	11,11	8,10
		12,14		18,22	11,13	9,13	12,17
7G4HMV	PowerPlex® 16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
7H3HTM	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
7HYF7H	Identifiler®						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
7HZXYR	GlobalFiler Express						
	2	15,15	17,22	10,10	14,14	11,11	8,10
		12,14	14,14	18,22	11,13	9,13	12,17
7JQKQH	Identifiler® Plus						
	2	-	17,22	-	14,14	11,11	8,10
		12,14	-	-	11,13	9,13	12,17
7LJVMH	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17

TABLE 2

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

Item 2

7WXLXT	Identifiler® Identifiler Plus, MiniFiler						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17
7WYZHK	Identifiler®						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
7Y4ZN8	Identifiler® and Identifiler Plus, MiniFiler						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17
7YWYH7	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
83NAEJ	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
86AZHA	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
889DY8	Identifiler® Plus						
	2	-	17,22	-	14	11	8,10
		12,14	-	-	11,13	9,13	12,17
		13,14	27,30	-	X,Y	10,12	22,23
		-	-	-	6,8	10,11	17
8BWDA2	PowerPlex® 18D						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17

TABLE 2

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

8CRLBD	Identifiler®						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17
8EFX9X	PowerPlex® 18D						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17
8JFKHK	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17
8LBXK6	Identifiler® , Identifiler Plus and MiniFiler						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17
8MQ4ZU	PowerPlex® 16						
	2				14	11	8,10
		12,14			11,13	9,13	12,17 ^
			27,30		X,Y	10,12	22,23
		11,13	7,19 ^		6,8	10,11	17
8NGFM8	PowerPlex® HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17
8T77NH	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17
8WELP2	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17

TABLE 2

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

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8X2XWF	Identifiler® Plus						
	2	NT	17,22	NT	14,14	11,11	8,10
		12,14	NT	NT	11,13	9,13	12,17
		13,14	27,30	NT	X,Y	10,12	22,23
97V79J	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
98R6HW	PowerPlex® 16 HS						
	2	NA	NA	NA	14	11	8,10
		12,14	NA	NA	11,13	9,13	12,17
		NA	27,30	NA	X,Y	10,12	22,23
998ACN	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
9FJZM2	Identifiler®						
	2	-	17,22	-	14	11	8,10
		12,14	-	-	11,13	9,13	12,17
		13,14	27,30	-	X,Y	10,12	22,23
9HACAD	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
9J43FT	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
9JYM27	Identifiler®						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
				6,8	10,11	17,17	

TABLE 2

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

9MMXJK	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
9NUEA4	PowerPlex® 16 HS						
	2				X,Y	10,12	22,23
		13,14	27,30		6,8	10,11	17,17
9Q9NMA	Identifiler®						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
9TFU9B	Identifiler®						
	2		17,22		14,14	11,11	8,10
		13,14	27,30		X,Y	10,12	22,23
9WU448	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
9WUJJ8	Identifiler® Identifiler Plus						
	2		17,22		X,Y	10,12	22,23
		13,14	27,30		6,8	10,11	17,17
9X2W6F	Identifiler®						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
9X4C7Z	PowerPlex® 16 HS						
	2				X,Y	10,12	22,23
		13,14	27,30		6,8	10,11	17,17
9X4C7Z	PowerPlex® 16 HS						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
9X4C7Z	PowerPlex® 16 HS						
	2		17,22		X,Y	10,12	22,23
		13,14	27,30		6,8	10,11	17,17
9X4C7Z	PowerPlex® 16 HS						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
9X4C7Z	PowerPlex® 16 HS						
	2		17,22		X,Y	10,12	22,23
		13,14	27,30		6,8	10,11	17,17
9X4C7Z	PowerPlex® 16 HS						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
9X4C7Z	PowerPlex® 16 HS						
	2		17,22		X,Y	10,12	22,23
		13,14	27,30		6,8	10,11	17,17
9X4C7Z	PowerPlex® 16 HS						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
9X4C7Z	PowerPlex® 16 HS						
	2		17,22		X,Y	10,12	22,23
		13,14	27,30		6,8	10,11	17,17

TABLE 2

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

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9ZDGNV	Identifiler®						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
A46KX8	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
A4PNKT	PowerPlex® 16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
A6JM72	PowerPlex® 16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
A9GV7M	Globalfiler express						
	2	15,15	17,22	10,10	14,14	11,11	8,10
		12,14	14,14	18,22	11,13	9,13	12,17
AAVPVH	Identifiler® Identifiler Plus						
	2	N/T	17,22	N/T	14,14	11,11	8,10
		12,14	N/T	N/T	11,13	9,13	12,17
ABK44Z	Identifiler®						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
ACLVDU	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17

TABLE 2

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

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AGUCN4	Identifiler® , Identifiler Plus, MiniFiler						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17
AH98JN	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17
AL662M	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
AMEFGD	PowerPlex® 16						
	2	N/A	N/A	N/A	14,14	11,11	8,10
		12,14	N/A	N/A	11,13	9,13	12,17
		N/A	27,30	N/A	X,Y	10,12	22,23
		11,13	7,19	N/A	6,8	10,11	17,17
AP7D2R	Identifiler® Plus						
	2	NA	17,22	NA	14	11	8,10
		12,14	NA	NA	11,13	9,13	12,17
		13,14	27,30	NA	X,Y	10,12	22,23
		NA	NA	NA	6,8	10,11	17
AWADME	Identifiler® Plus, MiniFiler						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
AWN8EU	Identifiler® Direct						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17
AXEYZT	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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AZTVUJ	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
B38EC8	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
B6EY9	Identifiler® Direct						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17
B6U77P	Identifiler®						
	2	-	17,22	-	14,14	11,11	8,10
		12,14	-	-	11,13	9,13	12,17
		13,14	27,30	-	X,Y	10,12	22,23
		-	-	-	6,8	10,11	17,17
B7L74Z	Identifiler® Plus, PowerPlex® HS						
	2		17,21		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
		11,13	7,9		6,8	10,11	17
B8EY4K	PowerPlex® Fusion						
	2	15	17,22	10	14	11	8,10
		12,14	14		11,13	9,13	12,17
		13,14	27,30	11,15	X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17
B9FL3C	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
BB38RT	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17

TABLE 2

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

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BCV8N4	Identifiler® Plus						
	2	-	17,22	-	14	11	8,10
		12,14	-	-	11,13	9,13	12,17
		13,14	27,30	-	X,Y	10,12	22,23
		-	-	-	6,8	10,11	17
BE64GM	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
BEG6L9	PowerPlex® Fusion						
	2	15,15	17,22	10,10	14,14	11,11	8,10
		12,14	14,14	18,22	11,13	9,13	12,17
		13,14	27,30	11,15	X,Y	10,12	22,23
		11,13	7,19	-	6,8	10,11	17,17
BJGBF8	PowerPlex® Fusion						
	2	15	17,22	10	14	11	8,10
		12,14	14	18,22	11,13	9,13	12,17
		13,14	27,30	11,15	X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17
BJW8U6	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17
BMXFCG	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
BPKMP4	PowerPlex® 21						
	2	15,15	17,22		14,14	11,11	8,10
		12,14		18,22	11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17,17
BPMEGJ	PowerPlex® 16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17

TABLE 2

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

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BPPZBE	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
BQF7TP	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
BTMQBY	PowerPlex® 16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
BUH9EK	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
BXF8UY	Identifiler®						
	2	-	17,22	-	14	11	8,10
		12,14			11,13	9,13	12,17
BZ4F2E	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
C2N3H8	PowerPlex® Fusion						
	2	15,15	17,22	10,10	14,14	11,11	8,10
		12,14	14,14	18,22	11,13	9,13	12,17
C2TEGP	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17

TABLE 2

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

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C8929F	PowerPlex® Fusion, NGM SElect						
	2	15,15	17,22	10,10	14,14	11,11	8,10
		12,14	14,14	18,22	11,13	9,13	12,17
		13,14	27,30	11,15	X,Y	10,12	22,23
	11,13	7,19	18,21	6,8	10,11	17,17	
CBY9MB	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
				6,8	10,11	17,17	
CCRXCX	PowerPlex® Fusion, PowerPlex® 16 HS						
	2	15	17,22	10	14	11	8,10
		12,14	14	18,22	11,13	9,13	12,17
		13,14	27,30	11,15	X,Y	10,12	22,23
	11,13	7,19		6,8	10,11	17	
CCWX8C	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
				6,8	10,11	17	
CE3XEJ	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
				6,8	10,11	17,17	
CE8QNY	Identifiler® Identifiler Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
				6,8	10,11	17	
CEM4PN	Identifiler® Direct						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
				6,8	10,11	17	
CFC84B	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
				6,8	10,11	17,17	

TABLE 2

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

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CFQF96	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
CG6X9P	PowerPlex® 16						
	2				14,14	11,11	8,10
		12,14			11,13	9,13	12,17
CHJVRT	PowerPlex® 16 HS						
	2	-	-	-	14	11	8,10
		12,14	-	-	11,13	9,13	12,17
CMBCDE	Identifiler® Identifiler Plus, MiniFiler						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
CR7TFD	Identifiler® Plus, MiniFiler						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
CTXE3W	PowerPlex® PP18D						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
CUAN22	PowerPlex® 16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
CUCNBW	Identifiler®						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17

TABLE 2

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

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CVPNJ7	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
CWXC3	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
CY6HY3	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
CYM8JJ	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
CZFRYA	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
D3HXAA	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
D6QTNR	PowerPlex® 16 HS						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
D7L92N	PowerPlex® 16 HS						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17

TABLE 2

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

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D8F2W8	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
D8FY73	Identifiler® Identifiler Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17
D9QBXZ	PowerPlex® 16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17
DECAN9	PowerPlex® 16,HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17
DERQJ2	Global Filer						
	2	15	17,22	10	14	11	8,10
		12,14	14	18,22	11,13	9,13	12,17
		13,14	27,30	11,15	X,Y	10,12	22,23
				18,21	6,8	10,11	17
DF3VGX	Identifiler®						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
DGZ9TB	Identifiler®						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
DGZ9VW	PowerPlex® HS						
	2				14,14	11,11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17,17

TABLE 2

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

Item 2

DJNJBB	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
DK4JUJ	Identifiler® Plus, PowerPlex® 16						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17
DPWTR6	COfiler® and Profiler Plus® ID						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
					6,8	10,11	17
DTT8P3	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
DTWEMA	Identifiler®						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
DWWMVQ	PowerPlex® 16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17
DZTN3U	Identifiler® Plus						
	2	-	17,22	-	14	11	8,10
		12,14	-	-	11,13	9,13	12,17
		13,14	27,30	-	X,Y	10,12	22,23
		-	-	-	6,8	10,11	17
DZZNBA	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17

TABLE 2

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

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E2LWMH	Identifiler® , PowerPlex® 16						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
E2LYDM	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
E3WRDG	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
E4ALV3	PowerPlex® HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
E62GFP	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
E6769H	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
E7HHG7	PowerPlex® Hot Start						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
E9J8TT	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
				6,8	10,11	17,17	

TABLE 2

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

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EA2Y7J	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
EC9Q78	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
ECMGRW	PP16 HS						
	2						
		12,14			11,13	9,13	12,17
EDEHP8	Identifiler® Direct						
	2	-	17,22	-	14	11	8,10
		12,14			11,13	9,13	12,17
EGXDRY	Identifiler® Direct						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
EMND27	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
EPDAJR	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
ET7BHK	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17

TABLE 2

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

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EUN3VC	Identifiler® Identifiler Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
EV8HL6	PowerPlex® Fusion						
	2	15,15	17,22	10,10	14,14	11,11	8,10
		12,14	14,14	18,22	11,13	9,13	12,17
EWQQ4R	Identifiler®						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
EZWGJ3	PowerPlex® 16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
F3D99A	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
F6FDE3	PowerPlex® 16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
F6JW37	PowerPlex® HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
F6K3VE	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17

TABLE 2

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

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F7X4NM	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
				6,8	10,11	17	
F93B3E	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
				6,8	10,11	17	
FAEHE3	PowerPlex® 16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17
FB9VQE	Identifiler® Direct						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
				6,8	10,11	17	
FBTGKP	PowerPlex® 21						
	2	15,15	17,22		14,14	11,11	8,10
		12,14		18,22	11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17,17
FC4QMH	Identifiler® Plus, MiniFiler						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
				6,8	10,11	17,17	
FC4QP4	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
				6,8	10,11	17,17	
FH76Z8	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
				6,8	10,11	17	

TABLE 2

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

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FJ89C2	PowerPlex® 16 HS						
	2				14,14	11,11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
FQ2DWC	Identifiler® Plus, MiniFiler						
	2	N/A	17,22	N/A	14,14	11,11	8,10
		12,14	N/A	N/A	11,13	9,13	12,17
		13,14	27,30	N/A	X,Y	10,12	22,23
FQFDLE	Identifiler®						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
FUWWNG	PowerPlex® ESI 17 Pro and NGMSE						
	2	15	17,22	10	14		
		12,14	14	18,22		9,13	12,17
		13,14	27,30	11,15	X,Y		22,23
FVFHJT	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
FWL38T	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
FXJD73	Identifiler®						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
FXUFD9	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
				6,8	10,11	17	

TABLE 2

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

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FXZZPW	PowerPlex® 16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
FYP26E	Identifiler® Identifiler Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
FZ6M6M	PowerPlex® 16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
G2EPF8	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
G38FLL	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
G6WNT2	Identifiler® Identifiler Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
G82AMT	PowerPlex® 16						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
G8HL6Y	PowerPlex® PP16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17
			27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17

TABLE 2

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

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GBKEBQ	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
GBNUQC	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
GCEFEE	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
GE2WBM	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
GH4328	PowerPlex® 16						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
GHH7HY	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
GHKCE	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
GHWQW	COfiler® and Profiler Plus®						
	2		17,22		14,14	11,11	8,10
		12,14			11,13		12,17
			27,30		X,Y		22,23
					6,8	10,11	17,17

TABLE 2

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

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GKLT6C	Identifiler® Plus, PowerPlex® 16						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
GKU9JH	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
GLLRK4	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
GNNV4D	Globalfiler						
	2	15,15	17,22	10,10	14,14	11,11	8,10
		12,14	14,14	18,22	11,13	9,13	12,17
		13,14	27,30	11,15	X,Y	10,12	22,23
GQX9YE	Identifiler®						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
GR62JZ	PowerPlex® 18D						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
GRRY4T	PowerPlex® HS						
	2				14,14	11,11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
GUFWAY	Identifiler®						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
				6,8	10,11	17	

TABLE 2

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

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GV9TV8	PowerPlex® Fusion						
	2	15,15	17,22	10,10	14,14	11,11	8,10
		12,14	14,14	18,22	11,13	9,13	12,17
		13,14	27,30	11,15	X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17,17
GZ3FDE	Identifiler®						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
H8XK3A	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
H9WMRD	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
HD3FMA	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
HFA73K	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
HFQK99	Identifiler® Plus						
	2	n/a	17,22	n/a	14,14	11,11	8,10
		12,14	n/a	n/a	11,13	9,13	12,17
		13,14	27,30	n/a	X,Y	10,12	22,23
		n/a	n/a	n/a	6,8	10,11	17,17
HHYEBZ	Identifiler®						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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HJC2QT	Identifiler® ID+						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17
HLX78	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
HMJV3C	PowerPlex® 16 and ESX16						
	2	15	17,22	10	14	11	8,10
		12,14	14	18,22	11,13	9,13	12,17
		13,14	27,30	11,15	X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17
HQ7G6Y	Identifiler®						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17
HQBQ8X	Identifiler®						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
HQWA7D	Identifiler® Identifiler Plus						
	2	NA	17,22	NA	14	11	8,10
		12,14	NA	NA	11,13	9,13	12,17
		13,14	27,30	NA	X,Y	10,12	22,23
		NA	NA	NA	6,8	10,11	17
HWJ8H8	Identifiler® Plus, MiniFiler						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
HXRC9N	Identifiler® Plus						
	2	-	17,22	-	14	11	8,10
		12,14	-	-	11,13	9,13	12,17
		13,14	27,30	-	X,Y	10,12	22,23
		-	-	-	6,8	10,11	17

TABLE 2

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

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HY4YRN	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
HYKTDB	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
HYMBJM	PowerPlex® 21						
	2	15,15	17,22		14,14	11,11	8,10
		12,14		18,22	11,13	9,13	12,17
HZGKF6	Identifiler® Direct						
	2	-	17,22	-	14	11	8,10
		12,14	-	-	11,13	9,13	12,17
JBV3DU	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
JFAKTP	PowerPlex® 18D						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
JHH46K	Identifiler®						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
JKFJM3	PowerPlex® Fusion						
	2	15,15	17,22	10,10	14,14	11,11	8,10
		12,14	14,14	18,22	11,13	9,13	12,17

TABLE 2

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

Item 2

JLBWNM	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17
JQPZNH	Identifiler® Direct						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17
JRKZT4	PowerPlex® 16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17
JRZCFE	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17
JTCRR8	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
JX9PA8	PowerPlex® 18D						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17
JYLCT7	Identifiler® Plus						
	2	na	17,22	na	14,14	11,11	8,10
		12,14	na	na	11,13	9,13	12,17
		13,14	27,30	na	X,Y	10,12	22,23
		na	na	na	6,8	10,11	17,17
K4BAV3	PowerPlex® ESI 17 and ESX 17						
	2	15,15	17,22	10,10	14,14		
		12,14	14,14	18,22		9,13	12,17
		13,14	27,30	11,15	X,Y		22,23
				18,21	6,8		17,17

TABLE 2

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

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K66Z2G	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
K68KVC	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
K7HWJL	PowerPlex® 16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
K7WZYR	Identifiler®						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
KGFVBR	PowerPlex® 21						
	2	15,15	17,22		14,14	11,11	8,10
		12,14		18,22	11,13	9,13	12,17
KJQ6F6	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
KPBCQH	Identifiler® Plus						
	2	NA	17,22	NA	14	11	8,10
		12,14	NA	NA	11,13	9,13	12,17
KPN4JZ	PowerPlex® 16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17

TABLE 2

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

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KPP2UV	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
KQ9NQR	PowerPlex® 16 HS						
	2				X,Y	10,12	22,23
		13,14	27,30		6,8	10,11	17,17
KRNF3T	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
KU77Q6	Identifiler® Plus, MiniFiler						
	2		17,22		X,Y	10,12	22,23
		13,14	27,30		6,8	10,11	17
KUNDU2	Identifiler®						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
KVG4ZF	Identifiler® Plus						
	2		17,22		X,Y	10,12	22,23
		13,14	27,30		6,8	10,11	17
KVKNUB	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
KWFWZ	Identifiler®						
	2		17,22		X,Y	10,12	22,23
		13,14	27,30		6,8	10,11	17

TABLE 2

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

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KWA4XR	Identifiler® Identifiler Plus, PowerPlex® PowerPlex® 16 HS						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
KYKAQZ	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
L49YGB	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
L4PXRN	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
L7E7Z4	Identifiler®						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
L8QT4G	PowerPlex® 16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
L9FCEA	Identifiler® Plus						
	2	NA	17,22	NA	14	11	8,10
		12,14	NA	NA	11,13	9,13	12,17
		13,14	27,30	NA	X,Y	10,12	22,23
LBQCFA	Identifiler® Plus						
	2	NA	NA	NA	6,8	10,11	17
		12,14			14,14	11,11	8,10
		13,14	27,30		11,13	9,13	12,17
					X,Y	10,12	22,23
					6,8	10,11	17,17

TABLE 2

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

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LDFLMQ	PowerPlex® Fusion, PowerPlex® 16 HS						
	2	15	17,22	10	14	11	8,10
		12,14	14	18,22	11,13	9,13	12,17
		13,14	27,30	11,15	X,Y	10,12	22,23
	11,13	7,19		6,8	10,11	17	
LE6R72	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
				6,8	10,11	17	
LFVDYQ	Identifiler® Plus, Profiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
				6,8	10,11	17,17	
LGUPML	PowerPlex® 16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
	11,13	7,19		6,8	10,11	17	
LJ3B7E	PowerPlex® 16						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
	11,13	7,19		6,8	10,11	17	
LJ3U6F	Identifiler® Direct						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
				6,8	10,11	17	
LMZTMF	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
				6,8	10,11	17	
LNVYXK	Identifiler®						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
				6,8	10,11	17,17	

TABLE 2

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

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LP7BMW	Identifiler®						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17
LQ2ZKX	Identifiler®						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17
LRC7D8	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
LRXW7R	PowerPlex® 21						
	2	15,15	17,22		14,14	11,11	8,10
		12,14		18,22	11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17,17
LT8HKE	Identifiler®						
	2	-	17,22	-	14	11	8,10
		12,14	-	-	11,13	9,13	12,17
		13,14	27,30	-	X,Y	10,12	22,23
		-	-	-	6,8	10,11	17
LWMXB7	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
LXLLPG	PowerPlex® 16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17
LYU7NW	PowerPlex® Fusion						
	2	15	17,22	10	14	11	8,10
		12,14	14	18,22	11,13	9,13	12,17
		13,14	27,30	11,15	X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17

TABLE 2

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

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M7PTNV	PowerPlex® 16 HS, Fusion						
	2	15	17,22	10	14	11	8,10
		12,14	14	18,22	11,13	9,13	12,17
		13,14	27,30	11,15	X,Y	10,12	22,23
		11,13	7,19	N/A	6,8	10,11	17
MBLKAR	PowerPlex® 16 HS						
	2	-	-	-	14	11	8,10
		12,14	-	-	11,13	9,13	12,17
		-	27,30	-	X,Y	10,12	22,23
		11,13	7,19	-	6,8	10,11	17
MDAJJ4	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
MDQ9PH	PowerPlex® 18D						
	2	-	17,22	-	14	11	8,10
		12,14	-	-	11,13	9,13	12,17
		13,14	27,30	-	X,Y	10,12	22,23
		11,13	7,19	-	6,8	10,11	17
MFFGXX	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
MJGAKN	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17
MKTYU	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
ML3WEW	Identifiler® Plus						
	2	--	17,22	--	14,14	11,11	8,10
		12,14	--	--	11,13	9,13	12,17
		13,14	27,30	--	X,Y	10,12	22,23
		--	--	--	6,8	10,11	17,17

TABLE 2

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

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MN9G3W	Identifiler® Plus, MiniFiler						
	2	-	17,22	-	14,14	11,11	8,10
		12,14	-	-	11,13	9,13	12,17
		13,14	27,30	-	X,Y	10,12	22,23
		-	-	-	6,8	10,11	17,17
MUGDVQ	PowerPlex® 16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17
MW8TY	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
MXF49C	Identifiler® Plus, MiniFiler						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17
MY9W4V	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
MZ6ZNB	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17
N7LGQR	PowerPlex® 16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17
N9BWU8	Identifiler® Direct						
	2	-	17,22	-	14	11	8,10
		12,14	-	-	11,13	9,13	12,17
		13,14	27,30	-	X,Y	10,12	22,23
		-	-	-	6,8	10,11	17

TABLE 2

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

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NB2TRE	Identifiler® Plus						
	2	-	17,22	-	14,14	11,11	8,10
		12,14	-	-	11,13	9,13	12,17
		13,14	27,30	-	X,Y	10,12	22,23
		-	-	-	6,8	10,11	17,17
NCRH2E	Identifiler® Direct						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17
ND34E2	Identifiler® Plus, MiniFiler						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17
NGACTT	PowerPlex® 16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17
NGR2C9	Identifiler® Identifiler Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
NHVRV9	Identifiler® , MiniFiler						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17
NP2U3U	Identifiler® Direct						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
NP2ZWN	PowerPlex® 21						
	2	15,15	17,22		14,14	11,11	8,10
		12,14		18,22	11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17,17

TABLE 2

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

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NR8PT7	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
NXDEEJ	Identifiler® ID+						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
NZY6HA	Identifiler® Plus, MiniFiler						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17
P23RHE	Identifiler® Plus						
	2	NA	17,22	NA	14	11	8,10
		12,14	NA	NA	11,13	9,13	12,17
		13,14	27,30	NA	X,Y	10,12	22,23
		NA	NA	NA	6,8	10,11	17
P3Z2U6	Identifiler® Plus, PowerPlex® ESX 17						
	2	15,15	17,22	10,10	14,14	11,11	8,10
		12,14	14,14	18,22	11,13	9,13	12,17
		13,14	27,30	11,15	X,Y	10,12	22,23
				18,21	6,8	10,11	17,17
P4W7YH	PowerPlex® 16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17
P73Y6X	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
P8BLPA	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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P8C4HL	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y 6,8	10,12 10,11	22,23 17
P8WPBC	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y 6,8	10,12 10,11	22,23 17
P97R43	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y 6,8	10,12 10,11	22,23 17,17
P9YN7C	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y 6,8	10,12 10,11	22,23 17
PCPQB6	Identifiler® Direct						
	2	-	17,22	-	14	11	8,10
		12,14	-	-	11,13	9,13	12,17
		13,14	27,30	-	X,Y 6,8	10,12 10,11	22,23 17
PD6FPW	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y 6,8	10,12 10,11	22,23 17,17
PGK7T7	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y 6,8	10,12 10,11	22,23 17
PHUX48	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y 6,8	10,12 10,11	22,23 17,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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PLEDKA	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
PMAVNW	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
PR2TZL	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
PUQ4W7	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
PY66DQ	PowerPlex® PP16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17
PZTKG8	PowerPlex® 21						
	2	15,15	17,22		14,14	11,11	8,10
		12,14		18,22	11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17,17
PZTM7B	PowerPlex® 18D						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17
Q3FLVU	Identifiler®						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17

TABLE 2

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

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Q3FLXE	Identifiler® Plus						
	2	-	17,22	-	14	11	8,10
		12,14	-	-	11,13	9,13	12,17
		13,14	27,30	-	X,Y	10,12	22,23
		-	-	-	6,8	10,11	17
Q3KWXR	Identifiler®						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		[X],Y	10,12	22,23
					6,8	10,11	17
Q66V6V	PowerPlex® Fusion, CS7						
	2	15,15	17,22	10,10	14,14	11,11	8,10
		12,14	14,14	18,22	11,13	9,13	12,17
		13,14	27,30	11,15	X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17,17
Q6JFKX	PowerPlex® 16						
	2	N/A	N/A	N/A	14,14	11,11	8,10
		12,14	N/A	N/A	11,13	9,13	12,17
		N/A	27,30	N/A	X,Y	10,12	22,23
		11,13	7,19	N/A	6,8	10,11	17,17
Q6MXZA	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17
Q8BW6D	Identifiler® Direct						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17
Q97F9Z	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
QBRV69	PowerPlex® 16						
	2				14,14	11,11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17,17

TABLE 2

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

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QBFY3	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
				6,8	10,11	17,17	
QEEB2V	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
				6,8	10,11	17,17	
QEMTE8	IDENTIFILER PLUS Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
				6,8	10,11	17,17	
QFPMNJ	PowerPlex® 16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
			7,19		6,8	10,11	17
QGY8H9	Identifiler® Plus, MiniFiler						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
				6,8	10,11	17	
QGYWGG	PowerPlex® 16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
			7,19		6,8	10,11	17
QH9AAY	Identifiler® Plus						
	2	N/A	17,22	N/A	14,14	11,11	8,10
		12,14	N/A	N/A	11,13	9,13	12,17
		13,14	27,30	N/A	X,Y	10,12	22,23
		N/A	N/A	N/A	6,8	10,11	17,17
QHRQCY	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
				6,8	10,11	17	

TABLE 2

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

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QJ6H6G	PowerPlex® 16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
QJD6CN	PowerPlex® PP16 and PP16 HS						
	2				14,14	11,11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
QJM7NW	Identifiler®						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
QL8UTN	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
QMZJD6	Identifiler® Plus						
	2	NA	17,22	NA	14	11	8,10
		12,14	NA	NA	11,13	9,13	12,17
		13,14	27,30	NA	X,Y	10,12	22,23
QPCLGA	PowerPlex® 16 HS						
	2	-	-	-	14	11	8,10
		12,14	-	-	11,13	9,13	12,17
		-	27,30	-	X,Y	10,12	22,23
QQ8W4J	PowerPlex® 16						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
QUWE33	Identifiler® , PowerPlex® HS						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
	11,13	7,19		6,8	10,11	17	

TABLE 2

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

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QW268W	PowerPlex® 16						
	2	Not Tested	Not Tested	Not Tested	14,14	11,11	8,10
		12,14	Not Tested	Not Tested	11,13	9,13	12,17
		Not Tested	27,30	Not Tested	X,Y	10,12	22,23
		11,13	7,19	Not Tested	6,8	10,11	17,17
QY3WKX	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
				6,8	10,11	17	
QYDNK2	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
				6,8	10,11	17,17	
QZRCND	Identifiler® Plus						
	2	NA	17,22	NA	14	11	8,10
		12,14	NA	NA	11,13	9,13	12,17
		13,14	27,30	NA	X,Y	10,12	22,23
		NA	NA	NA	6,8	10,11	17
R2ZAPE	PowerPlex® 16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17
R3UZT9	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
				6,8	10,11	17	
R3XXCD	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
				6,8	10,11	17	
R47Q3C	Identifiler®						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
				6,8	10,11	17,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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R7WBUW	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
R948F7	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
RAGL4F	PowerPlex® 16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
RAXVWG	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
RD8Q8Y	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
RE4A4X	Identifiler®						
	2	-	17,22	-	14	11	8,10
		12,14			11,13	9,13	12,17
RGEBL6	Identifiler®						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
RH92RJ	PowerPlex® 16 HS						
	2				14,14	11,11	8,10
		12,14			11,13	9,13	12,17

TABLE 2

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

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RKELFJ	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
				6,8	10,11	17,17	
RKEP6N	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
				6,8	10,11	17	
RMGY6R	Identifiler®						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
				6,8	10,11	17	
RPQUJA	PowerPlex® 18D						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
				6,8	10,11	17	
RQ7RFF	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
				6,8	10,11	17,17	
RWAHT	PowerPlex® 16 HS						
	2				14,14	11,11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
				6,8	10,11	17,17	
RWL6PT	PowerPlex® Fusion						
	2	15,15	17,22	10,10	14,14	11,11	8,10
		12,14	14,14	18,22	11,13	9,13	12,17
		13,14	27,30	11,15	X,Y	10,12	22,23
				6,8	10,11	17,17	
				-			
RXUFHQ	PowerPlex® Fusion						
	2	15,15	17,22	10,10	14,14	11,11	8,10
		12,14	14,14	18,22	11,13	9,13	12,17
		13,14	27,30	11,15	X,Y	10,12	22,23
				6,8	10,11	17,17	
				-			

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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RZ6RLR	PowerPlex® 16-HS						
	2				14,14	11,11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
T3VKA3	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
TB88AC	PowerPlex® 16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
TDA3WK	PowerPlex® 21						
	2	15,15	17,22		14,14	11,11	8,10
		12,14		18,22	11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
TDEEHW	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
TEN4QU	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
TFFP94	Identifiler®						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
TFTTPW	Identifiler® Identifiler Plus, MiniFiler						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
				6,8	10,11	17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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TGAFEJ	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y 6,8	10,12 10,11	22,23 17,17
TGNG4L	Identifiler® Plus						
	2	-	17,22	-	14	11	8,10
		12,14	-	-	11,13	9,13	12,17
		13,14	27,30	-	X,Y 6,8	10,12 10,11	22,23 17
TJEYH7	Identifiler® Plus						
	2	N/A	17,22	N/A	14,14	11,11	8,10
		12,14	N/A	N/A	11,13	9,13	12,17
		13,14	27,30	N/A	X,Y 6,8	10,12 10,11	22,23 17,17
TKPH74	Identifiler® Direct						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y 6,8	10,12 10,11	22,23 17
TL662H	PowerPlex® 21						
	2	15,15	17,22		14,14	11,11	8,10
		12,14		18,22	11,13	9,13	12,17
		13,14	27,30		X,Y 6,8	10,12 10,11	22,23 17,17
TMFHRE	Identifiler® Plus & Identifiler						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y 6,8	10,12 10,11	22,23 17
TMWQJU	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y 6,8	10,12 10,11	22,23 17
TQWE6N	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y 6,8	10,12 10,11	22,23 17

TABLE 2

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

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TRRM4E	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
TTLLMZ	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
TV9F88	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
TWJRWJ	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
TYQMMU	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
TZ2JUJ	PowerPlex® 16 HS						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
U73Z46	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
U7RJ4T	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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U8ZTWP	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y 6,8	10,12 10,11	22,23 17,17
U9C6JE	PowerPlex® 16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y 6,8	10,12 10,11	22,23 17
UALPC3	Identifiler® Plus, MiniFiler						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y 6,8	10,12 10,11	22,23 17
UCBJ74	GlobalFiler Express						
	2	15,15	17,22	10,10	14,14	11,11	8,10
		12,14	14,14	18,22	11,13	9,13	12,17
		13,14	27,30	11,15	X,Y	10,12	22,23
				18,21	6,8	10,11	17,17
UCCQHQ	PowerPlex® 16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y 6,8	10,12 10,11	22,23 17
UD4ACH	PowerPlex® 16 HS						
	2	not tested	not tested	not tested	14	11	8,10
		12,14	not tested	not tested	11,13	9,13	12,17
		not tested	27,30	not tested	X,Y 6,8	10,12 10,11	22,23 17
UF9C9U	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y 6,8	10,12 10,11	22,23 17
UFTJXX	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y 6,8	10,12 10,11	22,23 17,17

TABLE 2

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

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UFTL93	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
UG4VDF	PowerPlex® 16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17
UGNPXQ	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
UJAFZF	PowerPlex® PP16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17
UKEAG9	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17
ULF2NG	PowerPlex® 16 HS, PowerPlex® Fusion						
	2	15	17,22	10	14	11	8,10
		12,14	14	18,22	11,13	9,13	12,17
		13,14	27,30	11,15	X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17
UMB6C3	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17
UMP9FM	PowerPlex® Fusion						
	2	15,15	17,22	10,10	14,14	11,11	8,10
		12,14	14,14	18,22	11,13	9,13	12,17
		13,14	27,30	11,15	X,Y	10,12	22,23
		11,13	7,19	--	6,8	10,11	17,17

TABLE 2

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

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UN2MG4	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
UNMG2E	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
UP2BVD	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
UP2P79	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
UV9AFY	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
UW3TJL	PowerPlex® HS						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
UWWPJF	Identifiler®						
	2	-	17,22	-	14	11	8,10
		12,14			11,13	9,13	12,17
UWWR9J	Identifiler®						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17

TABLE 2

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

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UXTRJH	PowerPlex® 21						
	2	15,15	17,22		14,14	11,11	8,10
		12,14		18,22	11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17,17
V277UN	PowerPlex® 16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17
V6KYAV	PowerPlex® FUSION, NGM SELEC[sic]						
	2	15,15	17,22	10,10	14,14	11,11	8,10
		12,14	14,14	18,22	11,13	9,13	12,17
		13,14	27,30	11,15	X,Y	10,12	22,23
		11,13	7,19	18,21	6,8	10,11	17,17
V7U93T	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17
V9AZWX	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
VA4TRF	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17
VBDZQ3	Identifiler® Identifiler Plus						
	2	-	17,22	-	14,14	11,11	8,10
		12,14	-	-	11,13	9,13	12,17
		13,14	27,30	-	X,Y	10,12	22,23
		-	-	-	6,8	10,11	17,17
VBY3Q6	PowerPlex® 16						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17

TABLE 2

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

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VC3AMW	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
VGX2VU	PowerPlex® 16						
	2	N/A	N/A	N/A	14,14	11,11	8,10
		12,14	N/A	N/A	11,13	9,13	12,17
VGYJX4	PowerPlex® 16 HS						
	2		27,30		X,Y	10,12	22,23
		13,14	27,30		6,8	10,11	17
VHJZGD	PowerPlex® ESX16						
	2	15	17,22	10	14		
		12,14	14	18,22		9,13	12,17
VJQRGZ	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
VL6RXZ	PowerPlex® 16 HS						
	2		27,30		X,Y	10,12	22,23
		13,14	27,30		6,8	10,11	17
VLW9WJ	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
VQQYZ	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
VQYJX4	PowerPlex® 16 HS						
	2		27,30		X,Y	10,12	22,23
		13,14	27,30		6,8	10,11	17

TABLE 2

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

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VQR4DX	Identifiler® Plus						
	2	NT	17,22	NT	14,14	11,11	8,10
		12,14	NT	NT	11,13	9,13	12,17
		13,14	27,30	NT	X,Y	10,12	22,23
VRBJ4Q	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
W2KN8	Identifiler® Plus						
	2	NA	17,22	NA	14,14	11,11	8,10
		12,14	NA	NA	11,13	9,13	12,17
		13,14	27,30	NA	X,Y	10,12	22,23
W72A69	Identifiler® Plus, MiniFiler						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
W8TXA2	GlobalFiler Express						
	2	15,15	17,22	10,10	14,14	11,11	8,10
		12,14	14,14	18,22	11,13	9,13	12,17
		13,14	27,30	11,15	X,Y	10,12	22,23
W9MQ6K	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
WADH4R	Identifiler® Plus						
	2	--	17,22	--	14,14	11,11	8,10
		12,14	--	--	11,13	9,13	12,17
		13,14	27,30	--	X,Y	10,12	22,23
WAH8J3	PowerPlex® 18D						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
	11,13	7,19		6,8	10,11	17	

TABLE 2

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

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WBCXNW	Identifiler® Plus						
	2	no profile	17,22	no profile	14,14	11,11	8,10
		12,14	no profile	no profile	11,13	9,13	12,17
		13,14	27,30	no profile	X,Y	10,12	22,23
WDZYL	PowerPlex® PP18D						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
WEBAN3	Globalfiler Express						
	2	15,15	17,22	10,10	14,14	11,11	8,10
		12,14	14,14	18,22	11,13	9,13	12,17
		13,14	27,30	11,15	X,Y	10,12	22,23
WF6ZUG	PowerPlex® 16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
WGFCHT	Identifiler®						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
WGH4BA	Identifiler® Plus						
	2	-	17,22	-	14	11	8,10
		12,14	-	-	11,13	9,13	12,17
		13,14	27,30	-	X,Y	10,12	22,23
WHP44Z	GlobalFiler Express						
	2	15,15	17,22	10,10	14,14	11,11	8,10
		12,14	14,14	18,22	11,13	9,13	12,17
		13,14	27,30	11,15	X,Y	10,12	22,23
WJ39QJ	Identifiler®						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
				6,8	10,11	17,17	

TABLE 2

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

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WKF4M4	PowerPlex® 16						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
WLM67W	PowerPlex® HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
WMZRQW	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
WPD244	PowerPlex® 16 HS						
	2				14,14	11,11	8,10
		12,14			11,13	9,13	12,17
WPPZXD	PowerPlex® 16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
WU4YM7	Identifiler® Direct						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
WVYHRR	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
WW9RDX	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17

TABLE 2

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

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WWQKCM	PowerPlex® 16 HS						
	2				14,14	11,11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
WWUM6U	Identifiler®						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
X2BVA6	COfiler® and Profiler Plus®						
	2				14	11	8,10
		12,14			11,13		12,17
			27,30		X,Y		22,23
X3UEU4	PowerPlex® 16 HS						
	2				14,14	11,11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
X63NQ8	PowerPlex® 18D						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
X6HK2Y	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
X9HYZ6	Identifiler®						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
XAAM8J	PowerPlex® 16 HS						
	2				14,14	11,11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17,17

TABLE 2

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

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XBQ9UM	Identifiler Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
XCKYZ2	PowerPlex® 16						
	2				X,Y	10,12	22,23
		13,14	27,30		6,8	10,11	17,17
XFZMGT	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
XFZP7W	Identifiler® Plus						
	2				X,Y	10,12	22,23
		13,14	27,30		6,8	10,11	17,17
XGFQ9Y	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
XKWGP9	Identifiler®						
	2				X,Y	10,12	22,23
		13,14	27,30		6,8	10,11	17,17
XKXXNL	Identifiler®						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
XPRD98	PowerPlex® 18D						
	2				X,Y	10,12	22,23
		13,14	27,30		6,8	10,11	17
		11,13	7,19		6,8	10,11	17

TABLE 2

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

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XQDR9W	Identifiler® , Identifiler Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
XQEMTM	Identifiler® Identifiler Plus						
	2	-	17,22	-	14,14	11,11	8,10
		12,14			11,13	9,13	12,17
XUVW3K	Identifiler® & Identifiler Plus, PowerPlex® 16						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
XX6UVU	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
XZAYD2	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
XZQLYK	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
Y3Q8AM	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
Y4J727	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17

TABLE 2

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

Y79F9M	PowerPlex® HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
Y7A7MH	Identifiler®						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
YDBPGZ	Identifiler® Plus, MiniFiler						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
YEKMYN	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
YFDE63	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
YFDMQ8	Identifiler® Plus						
	2	-	17,22	-	14	11	8,10
		12,14	-	-	11,13	9,13	12,17
		13,14	27,30	-	X,Y	10,12	22,23
YFU3D3	PowerPlex® 16 HS						
	2	NA	NA	NA	14	11	8,10
		12,14	NA	NA	11,13	9,13	12,17
		NA	27,30	NA	X,Y	10,12	22,23
YG7E3E	PowerPlex® 16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
		11,13	7,19	NA	6,8	10,11	17

TABLE 2

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

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YGN6AD	Identifiler® Plus, PowerPlex® HS						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17
YGQHPY	GlobalFiler Express						
	2	15	17,22	10	14	11	8,10
		12,14	14	18,22	11,13	9,13	12,17
		13,14	27,30	11,15	X,Y	10,12	22,23
				18,21	6,8	10,11	17
YHLQM6	Identifiler® Plus, MiniFiler						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17
YKK8HL	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
YKRN3K	PowerPlex® 16 HS						
	2				14,14	11,11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17,17
YMXG9Y	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
YNGVYT	PowerPlex® 16 HS, PowerPlex® ESX17						
	2	15,15	17,22	10,10	14,14	11,11	8,10
		12,14	14,14	18,22	11,13	9,13	12,17
		13,14	27,30	11,15	X,Y	10,12	22,23
		11,13	7,19	18,21	6,8	10,11	17,17
YQF8P9	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17

TABLE 2

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

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YQXUQH	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
YT4EEH	Identifiler® Identifiler Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
YVU28Q	Identifiler®						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
YXEBG7	Identifiler® Plus						
	2	-	17,22	-	14	11	8,10
		12,14			11,13	9,13	12,17
YXJ9P3	Identifiler® Direct						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
YYUKEE	Identifiler® Plus, MiniFiler						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
Z3N27X	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
Z6ANYL	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17

TABLE 2

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

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Z6VL6D	PowerPlex® 21						
	2	15,15	17,22		14,14	11,11	8,10
		12,14		18,22	11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17,17
Z7MEPG	Identifiler®						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
Z8XU4V	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
ZA6CJY	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17
ZAH8Q	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17
ZDM6L7	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
ZFWGEN	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
ZG9U4X	Identifiler®						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17

TABLE 2

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

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ZJRH76	Identifiler® Plus						
	2	-	17,22	-	14	11	8,10
		12,14	-	-	11,13	9,13	12,17
		13,14	27,30	-	X,Y	10,12	22,23
		-	-	-	6,8	10,11	17
ZM6JUW	PowerPlex® 16						
	2	N/A	N/A	N/A	14,14	11,11	8,10
		12,14	N/A	N/A	11,13	9,13	12,17
		N/A	27,30	N/A	X,Y	10,12	22,23
		11,13	7,19	N/A	6,8	10,11	17,17
ZN82DE	PowerPlex® PP16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17
ZNLXUX	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17
ZQD47G	PowerPlex® Hot Start						
	2				14,14	11,11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17,17
ZQE783	Identifiler® Plus						
	2		17,22		14,14	11,11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17,17
ZTE69Z	PowerPlex® 16 HS						
	2				14	11	8,10
		12,14			11,13	9,13	12,17
			27,30		X,Y	10,12	22,23
		11,13	7,19		6,8	10,11	17
ZTT42H	Identifiler® Plus						
	2		17,22		14	11	8,10
		12,14			11,13	9,13	12,17
		13,14	27,30		X,Y	10,12	22,23
					6,8	10,11	17

TABLE 2

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

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ZUG3YH	PowerPlex® 16 HS	2			14	11	8,10	
			12,14		11,13	9,13	12,17	
				27,30	X,Y	10,12	22,23	
			11,13	7,19	6,8	10,11	17	
ZV93WT	Identifiler® Plus	2	not tested	17,22	not tested	14,14	11,11	8,10
			12,14	not tested	not tested	11,13	9,13	12,17
			13,14	27,30	not tested	X,Y	10,12	22,23
			not tested	not tested	not tested	6,8	10,11	17,17
ZWZGZX	Identifiler® Plus, MiniFiler	2		17,22	14,14	11,11	8,10	
			12,14		11,13	9,13	12,17	
			13,14	27,30	X,Y	10,12	22,23	
					6,8	10,11	17,17	
ZY9WMN	Identifiler®	2		17,22	14,14	11,11	8,10	
			12,14		11,13	9,13	12,17	
			13,14	27,30	X,Y	10,12	22,23	
					6,8	10,11	17,17	
ZZ4K2D	PowerPlex® 21	2	15,15	17,22	14,14	11,11	8,10	
			12,14		18,22	11,13	9,13	12,17
			13,14	27,30	X,Y	10,12	22,23	
			11,13	7,19	6,8	10,11	17,17	

TABLE 2

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

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24DG8T	PowerPlex® 16 HS						
	3				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17
2PERVU	COfiler® and Profiler Plus®						
	3	NA	NA	NA	INC	INC	INC
		INC	NA	NA	INC	INC	INC
		NA	INC	NA	INC	INC	INC
		NA	NA	NA	INC	INC	INC
2YY2G3	COfiler® and Profiler Plus®						
	3	na	na	na	inc	inc	inc
		inc	na	na	inc	inc	inc
		na	inc	na	inc	inc	inc
		na	na	na	inc	inc	inc
4AVLWY	COfiler® and Profiler Plus®						
	3	NA	NA	NA	INC	INC	INC
		INC	NA	NA	INC	INC	INC
		NA	INC	NA	INC	INC	INC
		NA	NA	NA	INC	INC	INC
4MHTUZ	COfiler® and Profiler Plus®						
	3	NA	NA	NA	INC	INC	INC
		INC	NA	NA	INC	INC	INC
		NA	INC	NA	INC	INC	INC
		NA	NA	NA	INC	INC	INC
77Y9RK	Identifiler® Plus						
	3		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
					8,9,9.3,10	8,11	14,15,17
8JFKHK	Identifiler® Plus						
	3		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
					8,9,9.3,10	8,11	14,15,17
8T77NH	Identifiler® Plus						
	3		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
					8,9,9.3,10	8,11	14,15,17

TABLE 2

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

B8EY4K	PowerPlex® Fusion						
	3	11,15,16,16.3	18,23,25,26	11,12,14	15,16,17	9,11,12	9,11
		11,13,15,16	12,15,16		8,11,12	11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	14,15	X,Y	7,10,11,12	20,21
	5,9,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17	
DK4JUJ	Identifiler® Plus, PowerPlex® 16						
	3		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
	5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17	
E2LYDM	Identifiler® Plus						
	3		[18],23,25,[26]		15,16,[17]	[9],11,12,[13]	9,11
		11,[13],[15],16			8,[11],12	[9],[11],12	15,[16],17,[18]
		[11],[13],15.2,16	28,[29],31.2		X,Y	[7],[10],11,12	20,21,[26]
				[8],9,[9.3],10	8,11	14,[15],17	
FQFDLE	Identifiler®						
	3		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
FXUFD9	Identifiler® Plus						
	3		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
HMJV3C	PowerPlex® 16 and ESX16						
	3	11,15,[16],[16.3]	[18],23,25,[26]	11,[12],14	15,16,[17]	[9],11,12,[13]	9,11
		11,[13],[15],16	12,15,[16]	[18],19,22	8,[11],12	[9],[11],12	15,[16],17,[18]
		[11],[13],15.2,16	28,[29],31.2	[14],15,[17]	X,Y	[7],[10],11,12	20,21,[26]
	[5],9,[12],13	[8],11,[13],15		[8],9,[9.3],10	8,11	14,[15],17	
HQWA7D	COfiler® and Profiler Plus®						
	3	NA	NA	NA	inc	inc	inc
		inc	NA	NA	inc	inc	inc
		NA	inc	NA	inc	inc	inc
	NA	NA	NA	inc	inc	inc	
K4BAV3	PowerPlex® ESI 17 and ESX 17						
	3	11,15,16,16.3	18,23,25,26	11,12,14	15,16,17		
		11,13,15,16	12,15,16	18,19,22		9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	14,15,17	X,Y		20,21,26
			18,29.2,30.2	8,9,9.3,10		14,15,17	

TABLE 2

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

KGFVBR	PowerPlex® 21						
	3	11,15,16,16.3	18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16		18,19,22	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
	5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17	
L9FCEA	COfiler® and Profiler Plus®						
	3	NA	NA	NA	INC	INC	INC
		INC	NA	NA	INC	INC	INC
		NA	INC	NA	INC	INC	INC
	NA	NA	NA	INC	INC	INC	
QMZJD6	COfiler® and Profiler Plus®						
	3	NA	NA	NA	INC	INC	INC
		INC	NA	NA	INC	INC	INC
		NA	INC	NA	INC	INC	INC
	NA	NA	NA	INC	INC	INC	
QZRCND	COfiler® and Profiler Plus®						
	3	NA	NA	NA	INC	INC	INC
		INC	NA	NA	INC	INC	INC
		NA	INC	NA	INC	INC	INC
	NA	NA	NA	INC	INC	INC	
RD8Q8Y	Identifiler® Plus						
	3		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
V7U93T	Identifiler® Plus						
	3		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
VC3AMW	Identifiler® Plus						
	3		[18],23,25,[26]		15,16,[17]	[9],11,12,[13]	9,11
		11,[13],[15],16			8,[11],12	[9],[11],12	15,[16],17,[18]
		[11],[13],15.2,16	28,[29],31.2		X,Y	[7],[10],11,12	20,21,[26]
				[8],9,10	8,11	14,[15],17	
WLM67W	PowerPlex® HS						
	3				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
	5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17	

TABLE 2

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

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XQEMTM	Identifiler® Identifiler Plus						
	3	-	[18],23,25,[26]	-	[15],15,16,[17]	[9],11,12,[13]	9,[11],[11],11
		11,[13],[15],16	-	-	8,[11],[11],12	[9],[11],12,12	15,[16],17,[18]
		[11],[13],15.2,16	28,[28],[29],31.2	-	[X],X,[Y],Y	[7],[10],11,12	20,21,[21],[26]
	-	-	-	[8],9,[9.3],10	[8],[8],8,11	14,[15],[17],17	
Y79F9M	PowerPlex® HS						
	3				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
	5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17	
Z6VL6D	PowerPlex® 21						
	3	11,15,16,16.3	18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16		18,19,22	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
	5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17	
ZAHA8Q	Identifiler® Plus						
	3		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	

TABLE 2

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

22N8ZD	Identifiler® Plus						
	3e	-	18,23,25,26	-	15,16,17	9,11,12,13	9,11
		11,13,15,16	-	-	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	-	X,Y	7,10,11,12	20,21,26
	-	-	-	8,9,9.3,10	8,11	14,15,17	
232X8W	Identifiler® Plus						
	3e	n/a	18,23,25,26	n/a	15,16,17	9,11,12,13	9,11
		11,13,15,16	n/a	n/a	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	n/a	X,Y	7,10,11,12	20,21,26
	n/a	n/a	n/a	8,9,9.3,10	8,11	14,15,17	
23LWHU	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
	NA	NA		8,9,9.3,10	8,11	14,15,17	
24X977	Identifiler® and Identifiler Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
28C3M4	Identifiler® /Identifiler Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
2BBRBH	PowerPlex® 16 Hot Start						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
	5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17	
2BU8BZ	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
2MCHAR	Identifiler® Plus						
	3e		18,[23],[25],26		15,[16],[17]	9,11,[12],[13]	[9],11
		[11],13,15,[16]			[8],11,[12]	9,11,12	[15],16,[17],18
		[11],13,[15.2],[16]	28,[29],[31.2]		X,Y	7,10,[11],[12]	[20],21,[26]
				8,[9],9.3,[10]	8,[11]	[14],[15],17	

TABLE 2

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

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2MPCRD	Identifiler® Plus						
	3e		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
2XQAKZ	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
2YKZNT	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
32LQMZ	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
33ET4N	Identifiler®						
	3e		18,23,25,26		15,16,17	9,11,12,13	9<11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
37XYQQ	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
396JP6	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
3AZWYX	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18

TABLE 2

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

Item 3e

3C6XBA	PowerPlex® 21						
	3e	11,15,16,16.3	18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16		18,19,22	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17
3FPLT2	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17
3J2F8R	Identifiler®						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
3JFQXJ	Identifiler® Plus						
	3e	-	18,23,25,26	-	15,(16),(17)	9,11,12,13	(9),11
		11,13,15,16	-	-	8,11,12	(9),11,12	15,16,17,18
		11,13,15.2,16	28,(29),31.2	-	X,Y	7,10,11,(12)	20,21,(26)
		-	-	-	8,9,9.3,10	8,(11)	(14),15,17
3LT3BG	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17
3MYLXQ	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17
3NYN3M	Identifiler® Plus						
	3e	-	18,23,25,26	-	15,16,17	9,11,12,13	9,11
		11,13,15,16	-	-	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	-	X,Y	7,10,11,12	20,21,26
		-	-	-	8,9,9.3,10	8,11	14,15,17
3PU4FK	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	

TABLE 2

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

3Q8V82	Identifiler® Plus, MiniFiler						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
3VZVNH	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
3WC8B7	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
3WER62	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
3WQ4NK	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
3X43VU	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
3XN8L3	Identifiler® Plus, MiniFiler						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
3ZWJ6P	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18

TABLE 2

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

42JHXD	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17
4442LA	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17
47EG3B	GlobalFiler						
	3e	11,15,16,16.3	18,23,25,26	11,12,14	15,16,17	9,11,12,13	9,11
		11,13,15,16	12,15,16	18,19,22	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	14,15,17	X,Y	7,10,11,12	20,21,26
				18,29.2,30.2	8,9,9.3,10	8,11	14,15,17
489NHM	Identifiler®						
	3e	-	18,23,25,26	-	15,16,17	9,11,12,13	9,11
		11,13,15,16	-	-	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	-	X,Y	7,10,11,12	20,21,26
		-	-	-	8,9,9.3,10	8,11	14,15,17
493EN2	PowerPlex® 21						
	3e	11,15,16,16.3	18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16		18,19,22	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17
494LYN	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
					8,9,9.3,10	8,11	14,15,17
4AXUZ	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
					8,9,9.3,10	8,11	14,15,17
4DUMPM	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
					8,9,9.3,10	8,11	14,15,17

TABLE 2

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

4F2D8H	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
4F2FTF	PowerPlex® HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
4KCBTJ	Identifiler® Plus						
	3e	-	18,23,25,26	-	15,16,17	9,11,12,13	9,11
		11,13,15,16	-	-	8,11,12	9,11,12	15,16,17,18
4M3KTD	PowerPlex® HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
4NDZ8Q	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
4NTTTF	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
4UKXPQ	PowerPlex® 16						
	3e				15,16,[17]	[9],11,12,[13]	9,11
		11,13,15,16			8,11,12	9,[11],12	15,[16],17,[18]
4WJJ9G	Identifiler®						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15,2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,[13],15		8,9,9.3,10	8,[11]	14,[15],17

TABLE 2

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

62XYBY	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17
6336K8	Profiler Plus ®						
	3e				15,16,17	9,11,12,13	11,11
		11,13,15,16			8,11		15,16,17,18
			28,29,31.2		X,Y		20,21,26
							14,15,17
638FG4	Identifiler®						
	3e		18,23,25,26		15,16,17	9,11,12,13	[9],11
		11,13,15,16			[8],11,[12]	9,11,12	15,16,17,18
		11,13,15.2,16	28,[29],[31.2]		X,Y	7,10,11,12	20,21,26
					8,9,9.3,10	8,[11]	14,15,17
64MXHN	Identifiler® Plus						
	3e	NA	18,23,25,26	NA	15,16,17	9,11,12,13	9,11
		11,13,15,16	NA	NA	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	NA	X,Y	7,10,11,12	20,21,26
		NA	NA	NA	8,9,9.3,10	8,11	14,15,17
66FT2Q	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
					8,9,9.3,10	8,11	14,15,17
67TQJV	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17
682BJC	Identifiler®						
	3e		[18],23,25,[26]		15,16,[17]	[9],11,12,[13]	9,11
		11,[13],[15],16			8,[11],12	[9],[11],12	15,[16],17,[18]
		[11],[13],15.2,16	28,[29],31.2		X,Y	[7],[10],11,12	20,21,[26]
					[8],9,[9.3],10	8,11	14,[15],17
6929XD	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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6ABHL6	Identifiler®						
	3e		18,23,25,26		15,[16,17]	9,11,12,13	[9],11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
6BKTMM	Identifiler®						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	[9],[11],12	15,16,17,18
6DBYCX	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
6EM98Y	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
6QW47V	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
6TLAN7	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
6W6VNL	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
6Z3HY2	PowerPlex® 16 HS						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		28,29,31.2			X,Y	7,10,11,12	20,21,26
	5,9,12,13	8,11,13,15			8,9,9.3,10	8,11	14,15,17

TABLE 2

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

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6ZMPCT	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
76ENB2	PowerPlex® 16 HS						
	3e	-	-	-	15,16,17	9,11,12,13	9,11
		11,13,15,16	-	-	8,11,12	9,11,12	15,16,17,18
		-	28,29,31.2	-	X,Y	7,10,11,12	20,21,26
	5,9,12,13	8,11,13,15	-	8,9,9.3,10	8,11	14,15,17	
76QF64	PowerPlex® 21						
	3e	11,15,16,16.3	18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16		18,19,22	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
	5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17	
774UTD	PowerPlex® Hot Start						
	3e				15,16,17	9,11,12,13	[9],11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
	5,[9],12,[13]	8,11,13,15		8,9,9.3,10	8,11	14,15,17	
774WHH	PowerPlex® 16						
	3e				15,16,(17)	(9),11,12,(13)	(9),11
		11,13,15,16			8,11,12	9,11,12	15,16,17,(18)
			28,(29),31.2		X,Y	7,10,11,12	20,21,(26)
	5,9,12,13	(8),11,13,15		8,9,9.3,10	8,(11)	14,15,17	
77A8EN	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
79T4ZT	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
7BYGQ8	PowerPlex® 21						
	3e	11,15,16,16.3	18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16		18,19,22	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
	5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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7G4HMV	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
	11,13,15,16				8,11,12	9,11,12	15,16,17,18
7H3HTM	Identifiler® Plus						
	3e		18,[23],[25],26		15,16,17	9,11,12,13	[9],11
	[11],13,15,[16]				[8],11,[12]	9,11,12	[15],16,[17],18
7HZYR	GlobalFiler						
	3e	11,15,16,16.3	18,23,25,26	11,12,14	15,16,17	9,11,12,13	9,11
	11,13,15,16		12,15,16	18,19,22	8,11,12	9,11,12	15,16,17,18
7JQQKH	Identifiler® Plus						
	3e	-	18,23,25,26	-	15,16,17	9,11,12,13	9,11
	11,13,15,16		-	-	8,11,12	9,11,12	15,16,17,18
7LJVMH	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
	11,13,15,16				8,11,12	9,11,12	15,16,17,18
7WYZHK	Identifiler®						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
	11,13,15,16				8,11,12	9,11,12	15,16,17,18
7Y4ZN8	Identifiler® and Identifiler Plus, MiniFiler						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
	11,13,15,16				8,11,12	9,11,12	15,16,17,18
7YWYH7	COfiler® and Profiler Plus®						
	3e				15,16,17	9,12,13	11,11
	11,13,15,16				8,11,12		15,16,17,18
		28,29,31.2			X,Y		20,21,26
					8,9,9.3,10	8,11	14,15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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83NAEJ	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
	-	-	-	8,9,9.3,10	8,11	14,15,17	
86AZHA	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
	-	-	-	8,9,9.3,10	8,11	14,15,17	
889DY8	Identifiler® Plus						
	3e	-	18,23,25,26	-	15,16,17	9,11,12,13	9,11
		11,13,15,16	-	-	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	-	X,Y	7,10,11,12	20,21,26
	-	-	-	8,9,9.3,10	8,11	14,15,17	
8BWD A2	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
	5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17	
8LBXK6	Identifiler® , Identifiler Plus and MiniFiler						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
8MQ4ZU	PowerPlex® 16						
	3e				15,17#	9,13#	11#
		13,15#			11#	9,11#	16,18#
			28,29#		X,Y	7,10#	21,26#
	5,12#	8,13#		8,9.3#	8#	15,17#	
8NGFM8	PowerPlex® HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
	5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17	
8WELP2	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	

TABLE 2

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

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8X2XWF	Identifiler® Plus						
	3e	NT	18,(23),25,26	NT	15,16,17	9,11,12,13	(9),11
		11,13,15,16	NT	NT	(8),11,(12)	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,(31.2)	NT	X,Y	7,10,(11),(12)	20,21,(26)
	NT	NT	NT	8,(9),(9.3),10	8,(11)	(14),(15),17	
97V79J	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
98R6HW	PowerPlex® 16 HS						
	3e	NA	NA	NA	15,16,17	9,11,12,13	9,11
		11,13,15,16	NA	NA	8,11,12	9,11,12	15,16,17,18
		NA	28,29,31.2	NA	X,Y	7,10,11,12	20,21,26
	5,9,12,13	8,11,13,15	NA	8,9,9.3,10	8,11	14,15,17	
998ACN	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
9HACAD	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
9J43FT	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
9JYM27	Identifiler®						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
9MMXJK	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	

TABLE 2

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

9NUEA4	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
	11,13,15,16				8,11,12	9,11,12	15,16,17,18
	5,9,12,13		28,29,31.2		X,Y	7,10,11,12	20,21,26
9Q9NMA	Identifiler®						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
	11,13,15,16				8,11,12	9,11,12	15,16,17,18
	11,13,15.2,16		28,29,31.2		X,Y	7,10,11,12	20,21,26
9WU448	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
	11,13,15,16				8,11,12	9,11,12	15,16,17,18
	11,13,15.2,16		28,29,31.2		X,Y	7,10,11,12	20,21,26
9WUJJ8	Identifiler® Identifiler Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
	11,13,15,16				8,11,12	9,11,12	15,16,17,18
	11,13,15.2,16		28,29,31.2		X,Y	7,10,11,12	20,21,26
9X4C7Z	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
	11,13,15,16				8,11,12	9,11,12	15,16,17,18
	5,9,12,13		28,29,31.2		X,Y	7,10,11,12	20,21,26
9ZDGNV	Identifiler®						
	3e		[18],23,25,[26]		15,16,[17]	[9],11,12,[13]	9,11
	11,[13],[15],16				8,11,12	[9],[11],12	15,[16],17,[18]
	[11],[13],15.2,16		28,[29],31.2		X,Y	[7],[10],11,12	20,21,[26]
A46KX8	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
	11,13,15,16				8,11,12	9,11,12	15,16,17,18
	11,13,15.2,16		28,29,31.2		X,Y	7,10,11,12	20,21,26
A4PNKT	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
	11,13,15,16				8,11,12	9,11,12	15,16,17,18
	5,9,12,13		28,29,31.2		X,Y	7,10,11,12	20,21,26
A4PNKT	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
	11,13,15,16				8,11,12	9,11,12	15,16,17,18
	5,9,12,13		28,29,31.2		X,Y	7,10,11,12	20,21,26
A4PNKT	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
	11,13,15,16				8,11,12	9,11,12	15,16,17,18
	5,9,12,13		28,29,31.2		X,Y	7,10,11,12	20,21,26

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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A6JM72	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17
A9GV7M	Globalfiler						
	3e	[11,15],16,16.3	18,[23,25],26	[11],12,14	15,[16],17	9,[11,12],13	[9],11
		[11],13,15,[16]	[12],15,16	18,19,[22]	[8],11,12	9,11,12	[15],16,[17],18
		11,13,[15.2,16]	28,29,[31.2]	14,15,17	X,Y	7,10,[11,12]	[20],21,26
				18,[29.2,30.2]	8,9,9.3,[10]	8,[11]	[14],15,17
AAVPVH	Identifiler® Identifiler Plus						
	3e	N/T	18,23,25,26	N/T	15,16,17	9,11,12,13	9,11
		11,13,15,16	N/T	N/T	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	N/T	X,Y	7,10,11,12	20,21,26
		N/T	N/T	N/T	8,9,9.3,10	8,11	14,15,17
ACLVDU	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
					8,9,9.3,10	8,11	14,15,17
AGUCN4	Identifiler® , Identifiler Plus, MiniFiler						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
					8,9,9.3,10	8,11	14,15,17
AH98JN	Identifiler® Plus						
	3e		18,23,25,26		15,[16],[17]	9,11,12,13	[9],11
		11,13,15,16			[8],11,[12]	9,11,12	15,16,17,18
		11,13,15.2,16	28,[29],[31.2]		X,Y	7,10,[11],[12]	[20],21,[26]
					8,[9],9.3,[10]	8,[11]	[14],15,17
AL662M	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
					8,9,9.3,10	8,11	14,15,17
AMEFGD	PowerPlex® 16						
	3e	N/A	N/A	N/A	15,16,17	9,11,12,13	9,11
		11,13,15,16	N/A	N/A	8,11,12	9,11,12	15,16,17,18
		N/A	28,29,31.2	N/A	X,Y	7,10,11,12	20,21,[26]
		5,9,12,13	8,11,13,15	N/A	8,9,9.3,10	8,[11]	14,15,17

TABLE 2

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

AP7D2R	Identifiler® Plus						
	3e	NA	18,23,25,26	NA	15,16,17	9,11,12,13	9,11
		11,13,15,16	NA	NA	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	NA	X,Y	7,10,11,12	20,21,26
	NA	NA	NA	8,9,9.3,10	8,11	14,15,17	
AWADME	Identifiler® Plus, MiniFiler						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
AWN8EU	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
AXEYZT	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
AZTVUJ	Identifiler® Plus						
	3e		18,[23],[25],26		15,[16],17	9,[11],[12],13	[9],11
		[11],13,15,[16]			[8],11,[12]	9,11,12	[15],16,[17],18
		11,13,[15.2],[16]	28,29,[31.2]		X,Y	7,10,[11],[12]	20,21,26
				8,[9],9.3,[10]	8,[11]	[14],15,17	
B38EC8	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
B6EKY9	Identifiler®						
	3e		[18],23,25,[26]		15,16,[17]	[9],11,12,[13]	9,11
		11,[13],[15],16			8,11,12	9,11,12	15,[16],17,[18]
		[11],[13],15.2,16	28,[29],31.2		X,Y	[7],[10],11,12	20,21,[26]
				8,9,9.3,10	8,11	14,[15],17	
B6U77P	Identifiler®						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	

TABLE 2

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

B7L74Z	Identifiler® Plus, PowerPlex® HS						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17
B9FL3C	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
BB38RT	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
BCV8N4	Identifiler® Plus						
	3e	-	18,23,25,26	-	15,16,17	9,11,12,13	9,11
		11,13,15,16	-	-	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	-	X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
BE64GM	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
BJGBF8	PowerPlex® Fusion						
	3e	11,15,16,16.3	18,23,25,26	11,12,14	15,16,17	9,11,12,13	9,11
		11,13,15,16	12,15,16	18,19,22	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	14,15,17	X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17
BJW8U6	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
BMXFCG	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	[9],11
		11,13,15,16			[8],11,[12]	9,11,12	15,16,17,18
		11,13,15.2,16	28,[29],[31.2]		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,[11]	14,15,17	

TABLE 2

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

Item 3e

BPKMP4	PowerPlex® 21						
	3e	11,15,16,16.3	18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16		18,19,22	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17
BPMEGJ	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17
BPPZBE	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
					8,9,9.3,10	8,11	14,15,17
BQF7TP	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
					8,9,9.3,10	8,11	14,15,17
BTMQBY	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17
BUH9EK	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
					8,9,9.3,10	8,11	14,15,17
BZ4F2E	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
					8,9,9.3,10	8,11	14,15,17
C2TEGP	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,[14.2],15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
					8,9,9.3,10	8,11	14,15,17

TABLE 2

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

C8929F	PowerPlex® Fusion, NGM SElect						
	3e	11,15,16,16.3	18,23,25,26	11,12,14	15,16,17	9,11,12,13	9,11
		11,13,15,16	12,15,16	18,19,22	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	14,15,17	X,Y	7,10,11,12	20,21,26
	5,9,12,13	8,11,13,15	18,29.2,30.2	8,9,9.3,10	8,11	14,15,17	
CBY9MB	Identifiler® Plus						
	3e		[18],23,25,[26]		15,16,[17]	[9],11,12,[13]	9,11
		11,[13],[15],16			8,[11],12	[9],[11],12	15,[16],17,[18]
		[11],[13],15.2,16	28,[29],31.2		X,Y	7,10,11,12	20,21,[26]
				[8],9,[9.3],10	8,11	14,[15],17	
CCRXCX	PowerPlex® Fusion, PowerPlex® 16 HS						
	3e	11,15,16,16.3	18,23,25,26	11,12,14	15,16,17	9,11,12,13	9,11
		11,13,15,16	12,15,16	18,19,22	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	14,15,17	X,Y	7,10,11,12	20,21,26
	5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17	
CCWX8C	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
CE3XEJ	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
CE8QNY	Identifiler® Identifiler Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	[9],11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,[11]	14,15,17	
CEM4PN	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
CFC84B	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	

TABLE 2

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

Item 3e

CFQF96	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
CG6X9P	PowerPlex® 16						
	3e				15,[16],17	9,11,12,13	[9],11
		[11],13,15,16			[8],11,[12]	9,11,12	15,16,17,18
			28,[29],[31.2]		X,Y	7,10,[11],[12]	[20],21,[26]
		5,[9],12,[13]	8,[11],13,[15]		8,9,9.3,10	8,[11]	[14],15,17
CHJVRT	PowerPlex® 16 HS						
	3e	-	-	-	15,16,17	9,11,12,13	9,11
		11,13,15,16	-	-	8,11,12	9,11,12	15,16,17,18
		-	28,29,31.2	-	X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15	-	8,9,9.3,10	8,11	14,15,17
CR7TFD	Identifiler® Plus, MiniFiler						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
CUAN22	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17
CUCNBW	Identifiler®						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
CVPNJ7	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
CWXXC3	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	

TABLE 2

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

CY6HY3	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
CYM8JJ	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
CZFRYA	Identifiler® Identifiler Plus						
	3e	-	18,23,25,26	-	15,16,17	[9],11,12,[13]	9,11
		11,13,15,16	-	-	8,11,12	[9],[11],12	15,16,17,18
		11,13,15.2,16	28,29,31.2	-	X,Y	7,10,11,12	20,21,[26]
	-	-	-	[8],9,[9.3],10	8,11	14,15,17	
D3HXAA	Identifiler® Plus						
	3e		18,23,25,26		15,[16],[17]	9,11,12,13	[9],11
		11,13,15,16			[8],11,[12]	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	[20],21,[26]
				8,9,9.3,10	[8],11	[14],[15],17	
D6QTNR	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
	5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17	
D7L92N	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
	5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17	
D8F2W8	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
D8FY73	Identifiler® Identifiler Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	

TABLE 2

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

D9QBZX	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
	11,13,15,16				8,11,12	9,11,12	15,16,17,18
	5,9,12,13	28,29,31.2	8,11,13,15		X,Y	7,10,11,12	20,21,26
DECAN9	PowerPlex® 16, HS						
	3e				15,16,17	9,11,12,13	9,11
	11,13,15,16				8,11,12	9,11,12	15,16,17,18
	5,9,12,13	28,29,31.2	8,11,13,15		X,Y	7,10,11,12	20,21,26
DERQJ2	Global Filer						
	3e	11,15,16,16.3	18,23,25,26	11,12,14	15,16,17	9,11,12,13	9,11
	11,13,15,16		12,15,16	18,19,22	8,11,12	9,11,12	15,16,17,18
	11,13,15.2,16	28,29,31.2		14,15,17	X,Y	7,10,11,12	20,21,26
DGZ9TB	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
	11,13,15,16				8,11,12	9,11,12	15,16,17,18
	11,13,15.2,16	28,29,31.2			X,Y	7,10,11,12	20,21,26
DGZ9VW	PowerPlex® HS						
	3e				15,16,17	9,11,12,13	9,11
	11,13,15,16				8,11,12	9,11,12	15,16,17,18
	5,9,12,13	28,29,31.2	8,11,13,15		X,Y	7,10,11,12	20,21,26
DJNJBB	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
	11,13,15,16				8,11,12	9,11,12	15,16,17,18
	11,13,15.2,16	28,29,31.2			X,Y	7,10,11,12	20,21,26
DPWTR6	COfiler® and Profiler Plus® ID						
	3e				15,16,17	9,11,12,13	[9],11
	[11],13,15,[16]				8,11,12	9,11,12	15,16,17,18
		28,29,31.2			X,Y	7,10,11,12	20,21,26
DTT8P3	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
	11,13,15,16				8,11,12	9,11,12	15,16,17,18
	11,13,15.2,16	28,29,31.2			X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,[11]	14,15,17	

TABLE 2

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

Item 3e

DTWEMA	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
DWWMVQ	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17
DZTN3U	Identifiler® Plus						
	3e	-	18,23,25,26	-	15,16,17	9,11,12,13	9,11
		11,13,15,16	-	-	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	-	X,Y	7,10,11,12	20,21,26
		-	-	-	8,9,9.3,10	8,11	14,15,17
DZZNBA	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
E2LWMH	Identifiler® , PowerPlex® 16						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17
E3WRDG	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
E4ALV3	PowerPlex® HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17
E62GFP	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	

TABLE 2

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

Item 3e

E6769H	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
					8,9,9.3,10	8,11	14,15,17
E7HHG7	PowerPlex® Hot Start						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17
E9J8TT	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
					8,9,9.3,10	8,11	14,15,17
EA2Y7J	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
					8,9,9.3,10	8,11	14,15,17
EC9Q78	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
					8,9,9.3,10	8,11	14,15,17
ECMGRW	PP16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17
EDEHP8	Identifiler® Plus						
	3e	-	18,23,25,26	-	15,16,17	9,11,12,13	9,11
		11,13,15,16	-	-	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	-	X,Y	7,10,11,12	20,21,26
		-	-	-	8,9,9.3,10	8,11	14,15,17
EGXDRY	COfiler® and Profiler Plus® profiler® Plus						
	3e				15,17	9,13	11,11
		13,15			11,11		16,18
			28,29		X,Y		21,26
							15,17

TABLE 2

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

EMND27	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
EPDAJR	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
ET7BHK	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
EUN3VC	Identifiler® Identifiler Plus						
	3e		18,23,25,16		15,16,17	9,11,12,13	[9],11
		[11],13,15,[16]			[8],11,[12]	9,11,12	15,16,17,18
EWQQ4R	Identifiler®						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
EZWGJ3	PowerPlex® 16 HS						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
F3D99A	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
F6FDE3	PowerPlex® 16 HS						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18

TABLE 2

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

Item 3e

F6JW37	PowerPlex® HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17
F6K3VE	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
					8,9,9.3,10	8,11	14,15,17
F7X4NM	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
					8,9,9.3,10	8,11	14,15,17
F93B3E	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
					8,9,9.3,10	8,11	14,15,17
FAEHE3	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17
FB9VQE	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
					8,9,9.3,10	8,11	14,15,17
FBTGKP	PowerPlex® 21						
	3e	11,15,16,16.3	18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16		18,19,22	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17
FC4QMH	Identifiler® Plus, MiniFiler						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
					8,9,9.3,10	8,11	14,15,17

TABLE 2

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

FC4QP4	Identifiler® Plus						
	3e		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8,8	15,17
FH76Z8	Identifiler® Plus						
	3e		[18],23,25,[26]		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,[26]
					8,9,9.3,10	8,11	14,15,17
FQ2DWC	Identifiler® Plus, MiniFiler						
	3e	N/A	18,23,25,26	N/A	15,16,17	9,11,12,13	9,11
		11,13,15,16	N/A	N/A	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	N/A	X,Y	7,10,11,12	20,21,26
		N/A	N/A	N/A	8,9,9.3,10	8,11	14,15,17
FUWWNG	PowerPlex® ESI 17 Pro and ESX						
	3e	11,15,16,16.3	18,23,25,26	[11],[12],14	15,[16],[17]		
		11,13,15,16	[12],15,[16]	18,19,22		9,11,12	15,16,17,18
		11,13,15.2,16	28,[29],[31.2]	14,15,17	X,Y		20,21,26
				18,[29.2],[30.2]	8,9,9.3,10		[14],[15],17
FVFHJT	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
					8,9,9.3,10	8,11	14,15,17
FWL38T	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
					8,9,9.3,10	8,11	14,15,17
FXJD73	Identifiler®						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
					8,9,9.3,10	8,11	14,15,17
FXZZPW	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17

TABLE 2

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

FYP26E	Identifiler® Identifiler Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
					8,9,9.3,10	8,11	14,15,17
FZ6M6M	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17
G2EPF8	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
					8,9,9.3,10	8,11	14,15,17
G38FLL	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
					8,9,9.3,10	8,11	14,15,17
G6WNT2	Identifiler® Identifiler Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
					8,9,9.3,10	8,11	14,15,17
G82AMT	PowerPlex® 16						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17
G8HL6Y	PowerPlex® PP16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17
GBKEBQ	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
					8,9,9.3,10	8,11	14,15,17

TABLE 2

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

GBNUQC	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
GCEFEE	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
GE2WBM	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
GH4328	PowerPlex® 16						
	3e				15,(16),(17)	(9),11,12,(13)	(9),11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,(29),31.2		X,Y	7,10,11,12	20,21,(26)
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,(11)	14,15,17
GHH7HY	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
GHKCXE	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
GHWQTW	COfiler® and Profiler Plus® Brent (X), Identifiler® Hema (X) Plus						
	3e				15,16	11,12	9,11
		11,16			8,12		15,17
			28,31.2		X,Y		20,21
						14,17	
GKLT6C	Identifiler® Plus, PowerPlex® 16						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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GKU9JH	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
GLLRK4	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
GNNV4D	Globalfiler						
	3e	11,15,16,16.3	18,23,25,26	11,12,14	15,16,17	9,11,12,13	9,11
		11,13,15,16	12,15,16	18,19,22	8,11,12	9,11,12	15,16,17,18
GQX9YE	Identifiler®						
	3e		[18],23,25,[26]		15,16,17	[9],11,12,[13]	9,11
		11,[13],[15],16			8,11,12	[9],[11],12	15,[16],17,[18]
GUFWAY	Identifiler®						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
GV9TV8	PowerPlex® Fusion						
	3e	11,15,[16],[16.3]	18,23,25,26	[11],[12],14	15,[16],[17]	9,11,12,13	9,11
		11,[13],[15],16	[12],15,[16]	[18],19,[22]	8,11,12	[9],[11],12	15,[16],17,[18]
H8XK3A	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
H9WMRD	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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HD3FMA	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
HFA73K	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
HFQK99	Identifiler® Plus						
	3e	n/a	18,23,25,26	n/a	15,16,17	9,11,12,13	9,11
		11,13,15,16	n/a	n/a	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	n/a	X,Y	7,10,11,12	20,21,26
		n/a	n/a	n/a	8,9,9.3,10	8,11	14,15,17
HHYEBZ	Identifiler®						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
HJC2QT	Identifiler® ID+						
	3e		18,[23],[25],26		15,[16],[17]	9,11,12,13	[9],11
		11,13,15,16			[8],11,[12]	9,11,12	15,16,17,18
		11,13,15.2,16	28,[29],[31.2]		X,Y	7,10,[12]	[20],21,[26]
				8,9,9.3,10	8,[11]	[14],[15],17	
HLXX78	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
HQ7G6Y	Identifiler®						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
HQBQ8X	Identifiler®						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	

TABLE 2

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

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HWJ8H8	Identifiler® Plus, MiniFiler						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
HXRC9N	Identifiler® Plus						
	3e	-	18,23,25,26	-	15,16,17	9,11,12,13	9,11
		11,13,15,16	-	-	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	-	X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
HY4YRN	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
HYKTDB	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
HYMBJM	PowerPlex® 21						
	3e	11,15,16,16.3	18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16		18,19,22	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
	5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17	
HZGKF6	Identifiler® Plus						
	3e	-	18,23,25,26	-	15,16,17	9,11,12,13	9,11
		11,13,15,16	-	-	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	-	X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
JBV3DU	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
JHH46K	Identifiler® , SGM Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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JLBWNM	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
JQPZNH	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
JRKZT4	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17
JRZCFE	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
JTCRR8	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
JYLCT7	Identifiler® Plus						
	3e	na	18,23,25,26	na	15,16,17	9,11,12,13	9,11
		11,13,15,16	na	na	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	na	X,Y	7,10,11,12	20,21,26
		na	na	na	8,9,9.3,10	8,11	14,15,17
K66Z2G	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
K68KVC	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	

TABLE 2

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

K7HWJL	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17
K7WZYR	Identifiler®						
	3e		18,[23],25,26		15,16,17	9,11,12,13	[9],11
		11,13,15,16			[8],11,[12]	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,[31.2]		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,[11]	14,15,17	
KJQ6F6	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
KPBCQH	Identifiler® Plus						
	3e	NA	18,23,25,26	NA	15,16,17	9,11,12,13	9,11
		11,13,15,16	NA	NA	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	NA	X,Y	7,10,11,12	20,21,26
	NA	NA	NA	8,9,9.3,10	8,11	14,15,17	
KPN4JZ	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17
KPP2UV	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
KQ9NQR	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17
KRNF3T	COfiler® and Profiler Plus® Profiler® Plus						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12		15,16,17,18
		28,29,31.2		X,Y		20,21,26	
						14,15,17	

TABLE 2

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

KUNDU2	Identifiler®						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
KVG4ZF	Identifiler® Plus						
	3e		18,[23,25],26		15,[16],17	9,11,[12,13]	[9],11
		[11],13,[15,16]			[8],11,[12]	9,11,12	[15],16,[17,18]
KVKNUB	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
KWFWZ	Identifiler®						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
KWA4XR	Identifiler® Identifiler Plus, PowerPlex® PowerPlex® 16 HS						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
KYKAQZ	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
L49YGB	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
L4PXRN	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18

TABLE 2

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

L7E7Z4	Identifiler®						
	3e		18,[23],[25],26		15,[16],[17]	9,[11],12,13	[9],11
		[11],13,15,[16]			[8],11,[12]	9,11,12	[15],16,[17],18
		11,13,[15.2],[16]	28,[29],[31.2]		X,Y	7,10,[11],[12]	[20],21,[26]
				8,[9],9.3,[10]	8,[11]	[14],15,17	
L8QT4G	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
	5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17	
LBQCFA	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	[9],11,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,8,[11]	14,15,17	
LDFLMQ	PowerPlex® Fusion, PowerPlex® 16 HS						
	3e	11,15,16,16.3	18,23,25,26	11,12,14	15,16,17	9,11,12,13	9,11
		11,13,15,16	12,15,16	18,19,22	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	14,15,17	X,Y	7,10,11,12	20,21,26
	5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17	
LE6R72	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	(9),11,12,(13)	9,11
		11,13,15,16			8,11,12	(9),(11),12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,(26)
				8,9,9.3,10	8,11	14,(15),17	
LFVDYQ	Profiler® Plus						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12		15,16,17,18
			28,29,31.2		X,Y		20,21,26
						14,15,17	
LGUPML	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
	5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17	
LJ3B7E	PowerPlex® 16						
	3e				15,17#	9,13#	11#
		13,15#			11#	9,11#	16,18#
			28,29#		X,Y	7,10#	21,26#
	5,12#	8,13#		8,9.3#	8#	15,17#	

TABLE 2

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

LJ3U6F	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
LMZTMF	Identifiler® Plus						
	3e		18,[23,25],26		15,[16,17]	9,11,12,13	[9],11
		[11],13,15,[16]			[8],11,[12]	9,11,12	[15],16,[17],18
LNVYXK	Identifiler®						
	3e		(18),23,25,(26)		15,16,(17)	(9),11,12,(13)	9,11
		11,(13),(15),16			8,11,12	(9),(11),12	15,(16),17,(18)
LP7BMW	Identifiler®						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
LQ2ZKX	Identifiler®						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
LRC7D8	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
LRXW7R	PowerPlex® 21						
	3e	11,15,16,16.3	18,23,25,26		15,16,17	9,11,12,13	[9],11
		11,13,15,16		18,19,22	[8],11,[12]	9,11,12	[15],16,[17],18
LWMXB7	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18

TABLE 2

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

Item 3e

LXLLPG	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
LYU7NW	PowerPlex® Fusion						
	3e	11,15,16,16.3	18,23,25,26	11,12,14	15,16,17	9,11,12,13	9,11
		11,13,15,16	12,15,16	18,19,22	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
M7PTNV	PowerPlex® 16 HS, Fusion						
	3e	[11],[15],16,16.3	18,23,25,26	[11],[12],14	15,16,17	9,11,12,13	[9],11
		11,13,15,16	[12],15,16	18,19	[8],11,[12]	[9],[11],12	15,16,17,18
		11,13,15.2,16	28,[29],[31.2]	14,15,17	X,Y	7,10,[11],12	[20],21,26
MBLKAR	PowerPlex® 16 HS						
	3e	-	-	-	15,16,17	9,11,12,13	9,11
		11,13,15,16	-	-	8,11,12	9,11,12	15,16,17,18
		-	28,29,31.2	-	X,Y	7,10,11,12	20,21,26
MDAJJ4	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
MDQ9PH	PowerPlex® 16 HS						
	3e	-	-	-	15,16,17	9,11,12,13	9,11
		11,13,15,16	-	-	8,11,12	9,11,12	15,16,17,18
		-	28,29,31.2	-	X,Y	7,10,11,12	20,21,26
MFFGXX	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
MJGAKN	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	

TABLE 2

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

MKTYYU	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
ML3WEW	Identifiler® Plus						
	3e	--	18,23,25,26	--	15,16,17	9,11,12,13	9,11
		11,13,15,16	--	--	8,11,12	9,11,12	15,16,17,18
MN9G3W	Identifiler® Plus, MiniFiler						
	3e	-	[18],23,25,[26]	-	15,16,[17]	[9],11,12,[13]	9,11
		11,[13],[15],16	-	-	8,[11],12	[9],[11],12	15,[16],17,[18]
MUGDVQ	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
MW8TY	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
MY9W4V	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
MZ6ZNB	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
N7LGQR	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18

TABLE 2

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

N9BWU8	Identifiler® Plus						
	3e	-	18,23,25,26	-	15,16,17	9,11,12,13	9,11
		11,13,15,16	-	-	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	-	X,Y	7,10,11,12	20,21,26
	-	-	-	8,9,9.3,10	8,11	14,15,17	
NB2TRE	Identifiler® Plus						
	3e	-	18,23,25,26	-	15,16,17	9,11,12,13	9,11
		11,13,15,16	-	-	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	-	X,Y	7,10,11,12	20,21,26
	-	-	-	8,9,9.3,10	8,11	14,15,17	
NCRH2E	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
NGACTT	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
	5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17	
NGR2C9	Identifiler® Identifiler Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
NH9RV9	Identifiler® , MiniFiler						
	3e		18,23,25,26		15,[16],[17]	9,11,12,13	[9],11
		11,13,15,16			[8],11,[12]	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,[11]	14,15,17	
NP2U3U	Identifiler®						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
NP2ZWN	PowerPlex® 21						
	3e	11,15,16,16.3	18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16		18,19,22	8,11,12	(7),9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
	5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17	

TABLE 2

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

NR8PT7	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
NXDEEJ	Identifiler® ID+						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
NZY6HA	Identifiler® Plus, MiniFiler						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
P23RHE	Identifiler® Plus						
	3e	NA	18,23,25,26	NA	15,16,17	9,11,12,13	9,11
		11,13,15,16	NA	NA	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	NA	X,Y	7,10,11,12	20,21,26
	NA	NA	NA	8,9,9.3,10	8,11	14,15,17	
P3Z2U6	Identifiler® Plus						
	3e		18,23,25,26		15,(16),17	9,11,12,13	(9),11,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,8,(11)	14,15,17	
P4W7YH	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
	5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17	
P73Y6X	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
P8BLPA	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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P8C4HL	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
P8WPBC	Identifiler® Plus						
	3e		18,[23],25,26		15,[16,17]	9,11,12,13	[9],11
		[11],13,15,[16]			[8],11,[12]	9,11,12	[15],16,[17],18
P97R43	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
P9YN7C	Identifiler® Plus, MiniFiler						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
PCPQB6	Identifiler® Plus						
	3e	-	18,23,25,26	-	15,16,17	9,11,12,13	9,11
		11,13,15,16	-	-	8,11,12	9,11,12	15,16,17,18
PD6FPW	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
PGK7T7	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
PHUX48	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18

TABLE 2

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

PLEDKA	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
PMAVNW	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
PR2TZL	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
PUQ4W7	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
PY66DQ	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
PZTKG8	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
Q3FLVU	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
Q3FLXE	Identifiler® Plus						
	3e	-	18,23,25,26	-	15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18

TABLE 2

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

Q3KWXR	Identifiler®						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
Q66V6V	PowerPlex® Fusion, CS7						
	3e	11,15,16,16.3	18,23,25,26	11,12,14	15,16,17	9,11,12,13	9,11
		11,13,15,16	12,15,16	18,19,22	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	14,15,17	X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17
Q6JFKX	PowerPlex® 16						
	3e	N/A	N/A	N/A	15,16,17	9,11,12,13	[9],11
		11,13,15,16	N/A	N/A	8,11,12	9,11,12	15,16,17,18
		N/A	28,[29],[31.2]	N/A	X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15	N/A	8,9,9.3,10	8,[11]	14,15,17
Q6MXZA	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
Q8BW6D	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
Q97F9Z	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
QBRV69	PowerPlex® 16						
	3e				15,16,17	9,11,12,13	[9],11
		[11],13,15,[16]			[8],11,[12]	9,11,12	15,16,17,18
			28,29,[31.2]		X,Y	7,10,[11],[12]	[20],21,[26]
	5,[9],12,[13]	8,[11],13,[15]		8,9,9.3,10	8,[11]	[14],15,17	
QBFY3	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	

TABLE 2

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

QEEB2V	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
					8,9,9.3,10	8,11	14,15,17
QEMTE8	IDENTIFILER PLUS Plus						
	3e		18,26		15,17	9,13	11,11
		13,15			11,11	9,11	16,18
		11,13	28,29		X,Y	7,10	21,26
					8,9.3	8,8	15,17
QFPMNJ	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17
QGYWGG	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17
QH9AAY	Identifiler® Plus						
	3e	N/A	18,23,25,26	N/A	15,16,17	9,11,12,13	9,11
		11,13,15,16	N/A	N/A	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	N/A	X,Y	7,10,11,12	20,21,26
		N/A	N/A	N/A	8,9,9.3,10	8,11	14,15,17
QHRQCY	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
					8,9,9.3,10	8,11	14,15,17
QJ6H6G	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17
QJD6CN	PowerPlex® PP16 and PP16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17

TABLE 2

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

Item 3e

QJM7NW	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
QL8UTN	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
QPCLGA	PowerPlex® 16 HS						
	3e	-	-	-	15,16,17	9,11,12,13	9,11
		11,13,15,16	-	-	8,11,12	9,11,12	15,16,17,18
		-	28,29,31.2	-	X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
QQ8W4J	PowerPlex® 16						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
QUWE33	Identifiler®						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
QW268W	PowerPlex® 16						
	3e	Not Tested	Not Tested	Not Tested	15,16,17	9,11,12,13	9,11
		11,13,15,16	Not Tested	Not Tested	8,11,12	[9],[11],12	15,16,17,18
		Not Tested	28,29,31.2	Not Tested	X,Y	7,10,11,12	20,21,[26]
				8,9,9.3,10	8,[11]	14,[15],17	
QY3WKX	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
QYDNK2	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	

TABLE 2

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

Item 3e

R2ZAPE	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
	11,13,15,16				8,11,12	9,11,12	15,16,17,18
R3UZY9	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
	11,13,15,16				8,11,12	9,11,12	15,16,17,18
R3XXCD	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
	11,13,15,16				8,11,12	9,11,12	15,16,17,18
R47Q3C	Identifiler® , SGM Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
	11,13,15,16				8,11,12	9,11,12	15,16,17,18
R7WBUW	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
	11,13,15,16				8,11,12	9,11,12	15,16,17,18
R948F7	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
	11,13,15,16				8,11,12	9,11,12	15,16,17,18
RAGL4F	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
	11,13,15,16				8,11,12	9,11,12	15,16,17,18
RAXVWG	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
	11,13,15,16				8,11,12	9,11,12	15,16,17,18

TABLE 2

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

RE4A4X	Identifiler®						
	3e	-	18,23,25,26	-	15,16,17	9,11,12,13	9,11
		11,13,15,16	-	-	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	-	X,Y	7,10,11,12	20,21,26
	-	-	-	8,9,9.3,10	8,[11]	14,15,17	
RH92RJ	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
	5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17	
RKELFJ	Identifiler® Plus						
	3e		18,[23],[25],26		15,[16],17	9,[11],[12],13	[9],11
		[11],13,15,[16]			[8],11,[12]	9,11,[12]	[15],16,[17],18
		11,13,[15.2],[16]	28,29,[31.2]		X,Y	7,10,[11],[12]	[20],21,26
				8,[9],9.3,[10]	8,[11]	[14],15,17	
RKEP6N	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
RMGY6R	Identifiler®						
	3e		[18],23,25,[26]		15,16,[17]	[9],[11],12,[13]	9,11
		11,[13],[15],16			8,[11],12	[9],[11],12	15,[16],17,[18]
		[11],[13],15.2,16	28,[29],31.2		X,Y	[7],[10],11,12	20,21,[26]
				[8],9,[9.3],10	8,11	14,[15],17	
RPQUJA	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
	5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17	
RQ7RFF	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
RWA AHT	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
	5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17	

TABLE 2

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

Item 3e

RZ6RLR	PowerPlex® 16-HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
T3VKA3	Identifiler® Plus						
	3e		18,23,25,26		15,16,(17)	9,11,12,13	(9),11,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,(29),31.2		X,Y	7,10,11,12	20,21,(26)
TB88AC	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
TDA3WK	PowerPlex® 21						
	3e	11,15,16,16.3	18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16		18,19,22	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
TDEEHW	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
TEN4QU	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
TFFP94	Identifiler®						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
TGAFEJ	Identifiler® Plus						
	3e		18,[23],[25],26		15,[16],17	9,[11],[12],13	[9],11,11
		[11],13,15,[16]			[8],11,11,[12]	9,11,[12]	[15],16,[17],18
		11,13,[15.2],[16]	28,29,[31.2]		X,X,[Y]	7,10,[11],[12]	[20],21,26
				8,[9],9.3	8,8,[11]	[14],15,17	

TABLE 2

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

TGNG4L	Identifiler® Plus						
	3e	-	18,23,25,26	-	15,16,17	9,11,12,13	9,11
		11,13,15,16	-	-	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	-	X,Y	7,10,11,12	20,21,26
	-	-	-	8,9,9.3,10	8,11	14,15,17	
TJEYH7	Identifiler® Plus						
	3e	N/A	[18],23,25,[26]	N/A	15,[16],[17]	[9],11,[12],[13]	[9],11
		11,[13,15],16	N/A	N/A	8,[11],12	[9,11],12	15,[16],17,[18]
		[11,13],15.2,16	28,[29],[31.2]	N/A	X,Y	[7,10],11,[12]	[20],21,[26]
	N/A	N/A	N/A	[8],9,[9.3],10	8,[11]	[14],[15],17	
TKPH74	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
TL662H	PowerPlex® 21						
	3e	11,15,16,16.3	18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16		18,19,22	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
	5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17	
TMFHRE	Identifiler® Plus & Identifiler						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
TMWQJU	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
TQWE6N	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
TRRM4E	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	

TABLE 2

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

TTLLMZ	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
TV9F88	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
TWJRWJ	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
TYQMMU	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
TZ2JUJ	PowerPlex® 16 HS						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
U73Z46	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
U7RJ4T	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
U8ZTWP	Identifiler® Plus						
	3e		18,23,25,26		15,[16],17	9,11,12,13	[9],11
		11,13,15,16			[8],11,[12]	9,11,12	15,16,17,18
	11,13,15.2,16	28,[29],[31.2]		X,Y	7,10,[11],[12]	[20],21,[26]	
				8,[9],9.3,[10]	8,[11]	[14],[15],17	

TABLE 2

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

Item 3e

U9C6JE	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17
UCBJ74	GlobalFiler						
	3e	11,15,16,16.3	18,23,25,26	11,12,14	15,16,17	9,11,12,13	9,11
		11,13,15,16	12,15,16	18,19,22	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	14,15,17	X,Y	7,10,11,12	20,21,26
				18,29.2,30.2	8,9,9.3,10	8,11	14,15,17
UCCQHJ	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17
UD4ACH	PowerPlex® 16 HS						
	3e	not tested	not tested	not tested	15,16,17	9,11,12,13	9,11
		11,13,15,16	not tested	not tested	8,11,12	9,11,12	15,16,17,18
		not tested	28,29,31.2	not tested	X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15	not tested	8,9,9.3,10	8,11	14,15,17
UF9C9U	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	[9],[11],12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,[26]
					8,9,9.3,10	8,11	14,15,17
UFTJX	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
					8,9,9.3,10	8,11	14,15,17
UFTL93	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
					8,9,9.3,10	8,11	14,15,17
UG4VDF	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17

TABLE 2

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

UGNPXQ	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
UJAFZF	PowerPlex® PP16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
UKEAG9	Identifiler®						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
ULF2NG	PowerPlex® 16 HS, PowerPlex® Fusion						
	3e	11,15,16,16.3	18,22,23,25,26	11,12,14	15,16,17	9,11,12,13	9,11
		11,13,15,16	12,15,16	18,19,22	8,11,12	9,11,12	15,16,17,18
UMB6C3	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
UN2MG4	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
UNMG2E	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
UP2BVD	Identifiler® Plus						
	3e		[18],23,25,[26]		15,16,[17]	[9],11,12,[13]	9,11
		11,[13],[15],16			8,[11],12	[9],[11],12	15,[16],17,[18]
	[11],[13],15.2,16	28,[29],31.2		X,Y	[7],[10],11,12	20,21,[26]	
				8,9,9.3,10	8,11	14,[15],17	

TABLE 2

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

UP2P79	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
UV9AFY	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
UW3TJL	PowerPlex® HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
	5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17	
UWWR9J	COfiler® and Profiler Plus®						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12		15,16,17,18
			28,29,31.2		X,Y		20,21,26
						14,15,17	
UXTRJH	PowerPlex® 21						
	3e	11,15,16,16.3	18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16		18,19,22	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
	5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17	
V277UN	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
	5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17	
V6KYAV	PowerPlex® FUSION, NGM SElect						
	3e	11,15,16,16.3	18,23,25,26	11,12,14	15,16,17	9,11,12,13	9,11
		11,13,15,16	12,15,16	18,19,22	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	14,15,17	X,Y	7,10,11,12	20,21,26
	5,9,12,13	8,11,13,15	18,29.2,30.2	8,9,9.3,10	8,11	14,15,17	
V9AZWX	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	

TABLE 2

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

VA4TRF	Identifiler® Plus						
	3e		18,[23],25,26		15,[16],17	9,11,12,13	[9],11
		11,13,15,[16]			[8],11,[12]	9,11,12	15,16,17,18
VBDZQ3	Identifiler® Identifiler Plus						
	3e	-	18,[23],[25],26	-	15,[16],17	9,[11],[12],13	[9],11
		[11],13,15,[16]	-	-	[8],11,[12]	9,11,[12]	[15],16,[17],18
VBY3Q6	PowerPlex® 16						
	3e						
		11,[13],[15],16			8,11,12	[9],[11],12	15,[16],17,[18]
VGX2VU	PowerPlex® 16						
	3e						
			28,[29],31.2		X,Y	[7],[10],11,12	20,21,[26]
VGYJX4	PowerPlex® 16 HS						
	3e						
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
VHJZGD	PowerPlex® ESX16						
	3e	11,15,16,16.3	18,23,25,26	11,12,14	15,16,17		
		11,13,15,16	12,15,16	18,19,22		9,11,12	15,16,17,18
VJQRGZ	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
VL6RXZ	PowerPlex® 16 HS						
	3e						
			28,29,31.2		X,Y	7,10,11,12	20,21,26

TABLE 2

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

VLW9WJ	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
VQQYZ	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
VQR4DX	Identifiler® Plus						
	3e	NT	18,23,25,26	NT	15,16,17	9,11,12,13	9,11
		11,13,15,16	NT	NT	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	NT	X,Y	7,10,11,12	20,21,26
	NT	NT	NT	8,9,9.3,10	8,11	14,15,17	
VRBJ4Q	Identifiler® Plus						
	3e		18,23,(25),26		15,(16),17	9,11,(12),13	(9),11
		(11),13,15,16			(8),11,(12)	9,11,12	15,16,17,18
		11,13,15.2,16	28,(29),(31.2)		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,(11)	14,15,17	
W2KN8	Identifiler® Plus						
	3e	NA	18,23,25,26	NA	15,16,17	9,11,12,13	9,11
		11,13,15,16	NA	NA	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	NA	X,Y	7,10,11,12	20,21,26
	NA	NA	NA	8,9,9.3,10	8,11	14,15,17	
W72A69	Identifiler® Plus, MiniFiler						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
W8TXA2	GlobalFiler						
	3e	11,15,16,16.3	18,23,25,26	11,12,14	15,16,17	9,11,12,13	9,11
		11,13,15,16	12,15,16	18,19,22	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	14,15,17	X,Y	7,10,11,12	20,21,26
			18,29.2,30.2	8,9,9.3,10	8,11	14,15,17	
W9MQ6K	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	

TABLE 2

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

WADH4R	Identifiler® Plus						
	3e	--	18,23,25,26	--	15,16,17	9,11,12,13	9,11
		11,13,15,16	--	--	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	--	X,Y	7,10,11,12	20,21,26
	--	--	--	8,9,9.3,10	8,11	14,15,17	
WAH8J3	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
	5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17	
WBCXNW	Identifiler® Plus						
	3e	no profile	18,23,25,26	no profile	15,16,17	9,11,12,13	9,11
		11,13,15,16	no profile	no profile	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	no profile	X,Y	7,10,11,12	20,21,26
	no profile	no profile	no profile	8,9,9.3,10	8,11	14,15,17	
WEBAN3	Globalfiler Casework						
	3e	11,15,16,16.3	18,23,25,26	11,12,14	15,16,17	9,11,12,13	9,11
		11,13,15,16	12,15,16	18,19,22	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	14,15,17	X,Y	7,10,11,12	20,21,26
			18,29.2,30.2	8,9,9.3,10	8,11	14,15,17	
WF6ZUG	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
	5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17	
WGFCHT	Identifiler®						
	3e		18,[23],[25],26		15,[16],17	9,11,12,13	[9],11
		11,13,15,[16]			[8],11,[12]	9,11,12	15,16,[17],18
		11,13,15.2,16	28,[29],[31.2]		X,Y	7,10,[11],[12]	[20],21,[26]
				8,9,9.3,10	8,[11]	[14],[15],17	
WGH4BA	Identifiler® Plus						
	3e	-	18,23,25,26	-	15,16,17	9,11,12,13	9,11
		11,13,15,16	-	-	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	-	X,Y	7,10,11,12	20,21,26
	-	-	-	8,9,9.3,10	8,11	14,15,17	
WHP44Z	GlobalFiler						
	3e	11,15,16,16.3	18,23,25,26	11,12,14	15,16,17	9,11,12,13	9,11
		11,13,15,16	12,15,16	18,19,22	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	14,15,17	X,Y	7,10,11,12	20,21,26
			18,29.2,30.2	8,9,9.3,10	8,11	14,15,17	

TABLE 2

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

WKFKM4	PowerPlex® 16						
	3e				15,17^#	9,13^#	11#
	13^,15#				11#	9,11#	16,18#
WMZRQW	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	[9],11,11
	11,13,15,16				8,11,12	9,11,12	15,16,17,18
WPD244	PowerPlex® 16 HS						
	3e				15,16,[17]	[9],11,[12],[13]	[9],11
	11,13,[15],16				8,11,12	[9],[11],12	15,[16],17,18
WPPZXD	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
	11,13,15,16				8,11,12	9,11,12	15,16,17,18
WU4YM7	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
	11,13,15,16				8,11,12	9,11,12	15,16,17,18
WVYHRR	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
	11,13,15,16				8,11,12	9,11,12	15,16,17,18
WW9RDX	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
	11,13,15,16				8,11,12	9,11,12	15,16,17,18
WWQKCM	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
	11,13,15,16				8,11,12	9,11,12	15,16,17,18

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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WWUM6U	Identifiler®						
	3e		18,23,25,26		15,16,17	9,11,12,13	[9],11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
X2BVA6	COfiler® and Profiler Plus®						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12		15,16,17,18
X3UEU4	PowerPlex® 16 HS						
	3e				15,16,[17]	9,11,12,[13]	[9],11
		11,13,15,16			8,11,[12]	9,11,12	[15],16,17,18
X6HK2Y	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
X9HYZ6	Identifiler®						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
XAAM8J	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
XBQ9UM	Identifiler Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
XCKYZ2	PowerPlex® 16						
	3e				15,(16),(17)	9,11,12,13	(9),11
		11,13,15,(16)			(8),11,(12)	9,11,12	15,16,17,(18)
			28,(29),(31.2)		X,Y	7,10,(11),(12)	(20),21,(26)
	5,(9),12,(13)		8,11,13,(15)		8,9,9.3,10	8,(11)	(14),15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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XFZMGT	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
XFZP7W	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
XGFQ9Y	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	(9),11,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
XKWGP9	Identifiler®						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
XKXXNL	Identifiler®						
	3e		[18],23,25,[26]		15,16,[17]	[9],11,12,[13]	9,11
		11,[13],[15],16			8,[11],12	[9],[11],12	15,[16],17,[18]
XQDR9W	Identifiler® , Identifiler Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
XX6UVU	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
XZAYD2	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18

TABLE 2

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

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XZQLYK	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
Y3Q8AM	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
Y4J727	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
Y7A7MH	Identifiler®						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
YEKMYN	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
YFDE63	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
YFDMQ8	Identifiler® Plus						
	3e	-	18,23,25,26	-	15,16,17	9,11,12,13	9,11
		11,13,15,16	-	-	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	-	X,Y	7,10,11,12	20,21,26
				8,9,9.3,10	8,11	14,15,17	
YFU3D3	PowerPlex® 16 HS						
	3e	NA	NA	NA	15,16,17	9,11,12,13	9,11
		11,13,15,16	NA	NA	8,11,12	9,11,12	15,16,17,18
		NA	28,29,31.2	NA	X,Y	7,10,11,12	20,21,26
	5,9,12,13	8,11,13,15	NA	8,9,9.3,10	8,11	14,15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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YG7E3E	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17
YGN6AD	Identifiler® Plus, PowerPlex® HS						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17
YGQHPY	GlobalFiler						
	3e	11,15,16,16.3	18,23,25,26	11,12,14	15,16,17	9,11,12,13	9,11
		11,13,15,16	12,15,16	18,19,22	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	14,15,17	X,Y	7,10,11,12	20,21,26
				18,29.2,30.2	8,9,9.3,10	8,11	14,15,17
YHLQM6	Identifiler® Plus, MiniFiler						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
					8,9,9.3,10	8,11	14,15,17
YKK8HL	Identifiler® Plus						
	3e		[18],23,25,[26]		15,16,[17]	[9],11,12,[13]	[9],11
		11,[13],[15],16			8,11,12	[9],[11],12	15,16,17,18
		[11],13,15.2,16	28,[29],31.2		X,Y	[7],[10],11,12	20,21,[26]
					[8],9,[9.3],10	8,[11]	[14],[15],17
YKRN3K	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15		8,9,9.3,10	8,11	14,15,17
YNGVYT	PowerPlex® 16 HS, PowerPlex® ESX17						
	3e	11,15,16,16.3	18,23,25,26	11,12,14	15,16,17	9,11,12,13	9,11
		11,13,15,16	12,15,16	18,19,22	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	14,15,17	X,Y	7,10,11,12	20,21,26
		5,9,12,13	8,11,13,15	18,29.2,30.2	8,9,9.3,10	8,11	14,15,17
YQF8P9	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
					8,9,9.3,10	8,11	14,15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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YQXUQH	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
YT4EEH	Identifiler® Identifiler Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
YVU28Q	Identifiler®						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
YXEBG7	Identifiler® Plus						
	3e	-	18,23,25,26	-	15,16,17	9,11,12,13	9,11
		11,13,15,16	-	-	8,11,12	9,11,12	15,16,17,18
YXJ9P3	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
YYUKEE	Identifiler® Plus, MiniFiler						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
Z3N27X	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
Z6ANYL	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18

TABLE 2

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

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Z7MEPG	Identifiler®						
	3e		18,23,25,26		15,[16],[17]	9,11,12,13	[9],11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,[29],[31.2]		X,Y	7,10,11,12	20,21,[26]
Z8XU4V	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
ZA6CJY	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
ZDM6L7	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
ZFWGEN	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
ZG9U4X	Identifiler®						
	3e		[18],23,25,[26]		15,16,17	[9],11,12,[13]	9,11
		11,[13],[15],16			8,11,12	[9],[11],12	15,[16],17,[18]
		[11],[13],15.2,16	28,[29],31.2		X,Y	[7],[10],11,12	20,21,[26]
ZJRH76	Identifiler® Plus						
	3e	-	18,23,25,26	-	15,16,17	9,11,12,13	9,11
		11,13,15,16	-	-	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	-	X,Y	7,10,11,12	20,21,26
ZM6JUW	PowerPlex® 16						
	3e	N/A	N/A	N/A	15,16,17	9,11,12,13	[9],11
		11,13,15,16	N/A	N/A	8,11,12	9,11,12	15,16,17,18
		N/A	28,29,31.2	N/A	X,Y	7,10,11,12	20,21,26
	5,9,12,13	8,11,13,15	N/A	8,9,9.3,10	8,[11]	14,15,17	

TABLE 2

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

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ZN82DE	PowerPlex® PP16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
ZNLXUX	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
ZQD47G	PowerPlex® Hot Start						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
ZQE783	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
ZTE69Z	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
ZTT42H	Identifiler® Plus						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
ZUG3YH	PowerPlex® 16 HS						
	3e				15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
			28,29,31.2		X,Y	7,10,11,12	20,21,26
ZV93WT	Identifiler® Plus						
	3e	not tested	18,23,25,26	not tested	15,16,17	9,11,12,13	9,11
		11,13,15,16	not tested	not tested	8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2	not tested	X,Y	7,10,11,12	20,21,26
	not tested	not tested	not tested	8,9,9.3,10	8,11	14,15,17	

TABLE 2

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

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ZWZGZX	Identifiler® Plus, MiniFiler						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
					8,9,9.3,10	8,11	14,15,17
ZY9WMN	Identifiler®						
	3e		18,23,25,26		15,16,17	9,11,12,13	9,11
		11,13,15,16			8,11,12	9,11,12	15,16,17,18
		11,13,15.2,16	28,29,31.2		X,Y	7,10,11,12	20,21,26
					8,9,9.3,10	8,11	14,15,17
ZZ4K2D	PowerPlex® 21						
	3e	[11],[15],16,16.3	18,[23],[25],26		15,16,17	9,[11],[12],13	[9],11
		[11],13,15,[16]		18,19,[22]	[8],11,[12]	9,11,12	[15],16,[17],18
		11,13,[15.2],[16]	28,29,[31.2]		X,Y	7,10,[11],[12]	[20],21,26
		5,[9],12,[13]	8,[11],13,[15]		8,[9],9.3,[10]	8,[11]	[14],15,17

TABLE 2

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

Item 3sp

22N8ZD	Identifiler® Plus						
	3sp	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17
232X8W	Identifiler® Plus						
	3sp	n/a	23,25	n/a	15,16	11,12	9,11
		11,16	n/a	n/a	8,12	12,12	15,17
		15.2,16	28,31.2	n/a	X,Y	11,12	20,21
		n/a	n/a	n/a	9,10	8,11	14,17
23LWHU	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
		NA	NA		9,10	8,11	14,17
24X977	Identifiler® and Identifiler Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
28C3M4	Identifiler® /Identifiler Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
2BBRBH	PowerPlex® 16 Hot Start						
	3sp				15,16	11,12	9,11
		11,16			8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
2BU8BZ	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
2MCHAR	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

2MPCRD	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16 15.2,16		28,31.2		8,12 X,Y 9,10	12,12 11,12 8,11
2XQAKZ	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16 9,13		28,31.2 11,15		8,12 X,Y 9,10	12 11,12 8,11
2YKZNT	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16 15.2,16		28,31.2		8,12 X,Y 9,10	12,12 11,12 8,11
32LQMZ	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16 15.2,16		28,31.2		8,12 X,Y 9,10	12 11,12 8,11
33ET4N	Identifiler®						
	3sp		23,25		15,16	11,12	9,11
		11,16 15.2,16		28,31.2		8,12 X,Y 9,10	12,12 11,12 8,11
37XYQQ	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16 15.2,16		28,31.2		8,12 X,Y 9,10	12,12 11,12 8,11
396JP6	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16 15.2,16		28,31.2		8,12 X,Y 9,10	12,12 11,12 8,11
3AZWYX	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16 15.2,16		28,31.2		8,12 X,Y 9,10	12 11,12 8,11

TABLE 2

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

Item 3sp

3C6XBA	PowerPlex® 21						
	3sp	11,15	23,25		15,16	11,12	9,11
		11,16		19,22	8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
3FPLT2	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
3J2F8R	Identifiler®						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
3JFQXJ	Identifiler® Plus						
	3sp	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12,12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17
3LT3BG	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
3MYLXQ	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
3NYN3M	Identifiler® Plus						
	3sp	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12,12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17
3PU4FK	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

Item 3sp

3Q8V82	Identifiler® Plus, MiniFiler						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
3VZVNH	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
3WC8B7	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
3WER62	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
3WQ4NK	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	[9],12	15,17
3X43VU	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
3XN8L3	Identifiler® Plus, MiniFiler						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
3ZWJ6P	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17

TABLE 2

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

Item 3sp

42JHXD	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
4442LA	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
47EG3B	GlobalFiler						
	3sp	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12	15,17
		15.2,16	28,31.2	15	X,Y	11,12	20,21
489NHM	Identifiler®						
	3sp	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12,12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
493EN2	PowerPlex® 21						
	3sp	11,15	23,25		15,16	11,12	9,11
		11,16		19,22	8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
494LYN	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
4AXUZ	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
4DUMPM	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

Item 3sp

4F2D8H	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
4F2FTF	PowerPlex® HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
4KCBTJ	Identifiler® Plus						
	3sp	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
4M3KTD	PowerPlex® HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
4NDZ8Q	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
4NTTTF	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
4UKXPQ	PowerPlex® 16						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
4WJJ9G	Identifiler®						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17

TABLE 2

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

62XYBY	PowerPlex® 16 HS 3sp	11,16	28,31.2		15,16 8,12 X,Y	11,12 12 11,12	9,11 15,17 20,21	
		9,13	11,15		9,10	8,11	14,17	
6336K8	Profiler Plus ® 3sp	11,16	28,31.2		15,16 8,12 X,Y	11,12	9,11 15,17 20,21 14,17	
638FG4	Identifiler® 3sp	11,16	23,25		15,16 8,12 X,Y	11,12 12 11,12	9,11 15,17 20,21	
		15.2,16	28,31.2		9,10	8,11	14,17	
64MXHN	Identifiler® Plus 3sp	NA	23,25	NA	15,16	11,12	9,11	
		11,16	NA	NA	8,12	12,12	15,17	
		15.2,16	28,31.2	NA	X,Y	11,12	20,21	
		NA	NA	NA	9,10	8,11	14,17	
66FT2Q	Identifiler® Plus 3sp	11,16	23,25		15,16 8,12 X,Y	11,12 12,12 11,12	9,11 15,17 20,21	
		15.2,16	28,31.2		9,10	8,11	14,17	
67TQJV	PowerPlex® 16 HS 3sp	11,16	28,31.2		15,16 8,12 X,Y	11,12 12 11,12	9,11 15,17 20,21	
		9,13	11,15		9,10	8,11	14,17	
682BJC	Identifiler® 3sp	11,[13],[15],16	23,25		15,16,[17]	[9],11,12,[13]	9,11	
		[13],15.2,16	28,[29],31.2		8,[11],12	[9],12	15,[16],17,[18]	
					X,Y	[7],[10],11,12	20,21	
6929XD	PowerPlex® 16 HS 3sp				[8],9,10	8,11	14,[15],17	
		11,16	28,31.2		15,16 8,12 X,Y	11,12 12,12 11,12	9,11 15,17 20,21	
		9,13	11,15		9,10	8,11	14,17	

TABLE 2

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

6ABHL6	Identifiler®						
	3sp		23,25		15,16	11,12	9,11
		11,16 15.2,16		28,31.2		8,12 X,Y 9,10	12,12 11,12 8,11
6BKTTM	Identifiler®						
	3sp		23,25		15,16	11,12	9,11
		11,16 15.2,16		28,31.2		8,12 X,Y 9,10	12,12 11,12 8,11
6DBYCX	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16 15.2,16		28,31.2		8,12 X,Y 9,10	12 11,12 8,11
6EM98Y	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16 15.2,16		28,31.2		8,12 X,Y 9,10	12 11,12 8,11
6QW47V	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16 15.2,16		28,31.2		8,12 X,Y 9,10	12 11,12 8,11
6TLAN7	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16 15.2,16		28,31.2		8,12 X,Y 9,10	12 11,12 8,11
6W6VNL	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16 15.2,16		28,31.2		8,12 X,Y 9,10	12,12 11,12 8,11
6Z3HY2	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16		28,31.2		8,12 X,Y 9,10	12 11,12 8,11

TABLE 2

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

Item 3sp

6ZMPCT	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
76ENB2	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		-	28,31.2	-	X,Y	11,12	20,21
	9,13	11,15	-	9,10	8,11	14,17	
76QF64	PowerPlex® 21						
	3sp	11,15	23,25		15,16	11,12	9,11
		11,16		19,22	8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
	9,13	11,15		9,10	8,11	14,17	
774UTD	PowerPlex® Hot Start						
	3sp				15,16	11,12	9,11
		11,16			8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
	9,13	11,15		9,10	8,11	14,17	
774WHH	PowerPlex® 16						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
	9,13	11,15		9,10	8,11	14,17	
77A8EN	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
79T4ZT	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
7BYGQ8	PowerPlex® 21						
	3sp	11,15	23,25		15,16	11,12	9,11
		11,16		19,22	8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
	9,13	11,15		9,10	8,11	14,17	

TABLE 2

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

Item 3sp

7G4HMV	PowerPlex® 16 HS	3sp			15,16	11,12	9,11	
			11,16		8,12	12	15,17	
				28,31.2	X,Y	11,12	20,21	
			9,13	11,15	9,10	8,11	14,17	
7H3HTM	Identifiler® Plus	3sp		23,25	15,16	11,12	9,11	
			11,16		8,12	12,12	15,17	
			15.2,16	28,31.2	X,Y	11,12	20,21	
					9,10	8,11	14,17	
7HZYR	GlobalFiler	3sp	11,15	23,25	11,14	15,16	11,12	9,11
			11,16	12,15	19,22	8,12	12,12	15,17
			15.2,16	28,31.2	15,15	X,Y	11,12	20,21
					29.2,30.2	9,10	8,11	14,17
7JQKQH	Identifiler® Plus	3sp	-	23,25	-	15,16	11,12	9,11
			11,16	-	-	8,12	12,12	15,17
			15.2,16	28,31.2	-	X,Y	11,12	20,21
			-	-	-	9,10	8,11	14,17
7LJVMH	Identifiler® Plus	3sp		23,25		15,16	11,12	9,11
			11,16			8,12	12	15,17
			15.2,16	28,31.2		X,Y	11,12	20,21
						9,10	8,11	14,17
7WYZHK	Identifiler®	3sp		23,25		15,16	11,12	9,11
			11,16			8,12	12,12	15,17
			15.2,16	28,31.2		X,Y	11,12	20,21
						9,10	8,11	14,17
7Y4ZN8	Identifiler® and Identifiler Plus, MiniFiler	3sp		23,25		15,16	11,12	9,11
			11,16			8,12	12	15,17
			15.2,16	28,31.2		X,Y	11,12	20,21
						9,10	8,11	14,17
7YWYH7	COfiler® and Profiler Plus®	3sp				15,16	11,12	9,11
			11,16			8,12		15,17
				28,31.2		X,Y		20,21
							14,17	

TABLE 2

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

83NAEJ	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17
86AZHA	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17
889DY8	Identifiler® Plus						
	3sp	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17
8BWD A2	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
8LBXK6	Identifiler® , Identifiler Plus and MiniFiler						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
8MQ4ZU	PowerPlex® 16						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
8NGFM8	PowerPlex® HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
8WELP2	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

8X2XWF	Identifiler® Plus						
	3sp	NT	23,25	NT	15,16	11,12	9,11
		11,16	NT	NT	8,12	12,12	15,17
		15.2,16	28,31.2	NT	X,Y	11,12	20,21
		NT	NT	NT	9,10	8,11	14,17
97V79J	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
98R6HW	PowerPlex® 16 HS						
	3sp	NA	NA	NA	15,16	11,12	9,11
		11,16	NA	NA	8,12	12	15,17
		NA	28,31.2	NA	X,Y	11,12	20,21
		9,13	11,15	NA	9,10	8,11	14,17
998ACN	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
9HACAD	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
9J43FT	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
9JYM27	Identifiler®						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
9MMXJK	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

Item 3sp

9NUEA4	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
9Q9NMA	Identifiler®						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
9WU448	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
9WUJJ8	Identifiler® Identifiler Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
9X4C7Z	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
9ZDGNV	Identifiler®						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
A46KX8	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
A4PNKT	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17

TABLE 2

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

Item 3sp

A6JM72	PowerPlex® 16 HS	3sp			15,16	11,12	9,11	
			11,16		8,12	12	15,17	
				28,31.2	X,Y	11,12	20,21	
			9,13	11,15	9,10	8,11	14,17	
A9GV7M	Globalfiler	3sp	11,15	23,25	11,14	15,16	11,12	9,11
			11,16	12,15	19,22	8,12	12,12	15,17
			15.2,16	28,31.2	15,15	X,Y	11,12	20,21
					29.2,30.2	9,10	8,11	14,17
AAVPVH	Identifiler® Identifiler Plus	3sp	N/T	23,25	N/T	15,16	11,12	9,11
			11,16	N/T	N/T	8,12	12,12	15,17
			15.2,16	28,31.2	N/T	X,Y	11,12	20,21
			N/T	N/T	N/T	9,10	8,11	14,17
ACLVDU	Identifiler® Plus	3sp		23,25		15,16	11,12	9,11
			11,16			8,12	12	15,17
			15.2,16	28,31.2		X,Y	11,12	20,21
						9,10	8,11	14,17
AGUCN4	Identifiler® , Identifiler Plus, MiniFiler	3sp		23,25		15,16	11,12	9,11
			11,16			8,12	12	15,17
			15.2,16	28,31.2		X,Y	11,12	20,21
						9,10	8,11	14,17
AH98JN	Identifiler® Plus	3sp		23,25		15,16	11,12	9,11
			11,16			8,12	12	15,17
			15.2,16	28,31.2		X,Y	11,12	20,21
						9,10	8,11	14,17
AL662M	Identifiler® Plus	3sp		23,25		15,16	11,12	9,11
			11,16			8,12	12,12	15,17
			15.2,16	28,31.2		X,Y	11,12	20,21
						9,10	8,11	14,17
AMEFGD	PowerPlex® 16	3sp	N/A	N/A	N/A	15,16	11,12	9,11
			11,16	N/A	N/A	8,12	12,12	15,17
			N/A	28,31.2	N/A	X,Y	11,12	20,21
			9,13	11,15	N/A	9,10	8,11	14,17

TABLE 2

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

Item 3sp

AP7D2R	Identifiler® Plus						
	3sp	NA	23,25	NA	15,16	11,12	9,11
		11,16	NA	NA	8,12	12	15,17
		15.2,16	28,31.2	NA	X,Y	11,12	20,21
		NA	NA	NA	9,10	8,11	14,17
AWADME	Identifiler® Plus, MiniFiler						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
AWN8EU	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
AXEYZT	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
AZTVUJ	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
B38EC8	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
B6EKY9	Identifiler®						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
B6U77P	Identifiler®						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

Item 3sp

B7L74Z	Identifiler® Plus, PowerPlex® HS						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
B9FL3C	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
BB38RT	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
BCV8N4	Identifiler® Plus						
	3sp	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17
BE64GM	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
BJGBF8	PowerPlex® Fusion						
	3sp	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12	15,17
		15.2,16	28,31.2	15	X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
BJW8U6	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
BMXFCG	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

BPKMP4	PowerPlex® 21						
	3sp	11,15	23,25		15,16	11,12	9,11
		11,16		19,22	8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
BPMEGJ	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
BPPZBE	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
BQF7TP	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
BTMQBY	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
BUH9EK	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
BZ4F2E	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
C2TEGP	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		[14.2],15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

Item 3sp

C8929F	PowerPlex® Fusion, NGM SElect						
	3sp	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12,12	15,17
		15.2,16	28,31.2	15,15	X,Y	11,12	20,21
		9,13	11,15	29.2,30.2	9,10	8,11	14,17
CBY9MB	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
CCRXCX	PowerPlex® Fusion, PowerPlex® 16 HS						
	3sp	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12	15,17
		15.2,16	28,31.2	15	X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
CCWX8C	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
CE3XEJ	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				(8),9,10	8,11	14,17	
CE8QNY	Identifiler® Identifiler Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
CEM4PN	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
CFC84B	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

Item 3sp

CFQF96	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
CG6X9P	PowerPlex® 16						
	3sp				15,16	11,12	9,11
		11,16			8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
CHJVRT	PowerPlex® 16 HS						
	3sp	-	-	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		-	28,31.2	-	X,Y	11,12	20,21
		9,13	11,15	-	9,10	8,11	14,17
CR7TFD	Identifiler® Plus, MiniFiler						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
CUAN22	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
CUCNBW	Identifiler®						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
CVPNJ7	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
CWXXC3	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

CY6HY3	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
CYM8JJ	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
CZFRYA	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
D3HXAA	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
D6QTNR	PowerPlex® 16 HS						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
D7L92N	PowerPlex® 16 HS						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
D8F2W8	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
D8FY73	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17

TABLE 2

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

D9QBZ	PowerPlex® 16 HS 3sp	11,16	28,31.2		15,16 8,12 X,Y 9,10	11,12 12 11,12 8,11	9,11 15,17 20,21 14,17
		9,13	11,15				
DECAN9	PowerPlex® 16, HS 3sp	11,16	28,31.2		15,16 8,12 X,Y 9,10	11,12 12 11,12 8,11	9,11 15,17 20,21 14,17
		9,13	11,15				
DERQJ2	Global Filer 3sp	11,15	23,25	11,14	15,16 8,12 X,Y 9,10	11,12 12 11,12 8,11	9,11 15,17 20,21 14,17
		11,16	12,15	19,22			
		15.2,16	28,31.2	15			
				29.2,30.2			
DGZ9TB	Identifiler® Plus 3sp	11,16	23,25		15,16 8,12 X,Y 9,10	11,12 12,12 11,12 8,11	9,11 15,17 20,21 14,17
		15.2,16	28,31.2				
DGZ9VW	PowerPlex® HS 3sp	11,16	28,31.2		15,16 8,12 X,Y 9,10	11,12 12,12 11,12 8,11	9,11 15,17 20,21 14,17
		9,13	11,15				
DJNJBB	Identifiler® Plus 3sp	11,16	23,25		15,16 8,12 X,Y 9,10	11,12 12,12 11,12 8,11	9,11 15,17 20,21 14,17
		15.2,16	28,31.2				
DPWTR6	COfiler® and Profiler Plus® ID 3sp	11,16	28,31.2		15,16 8,12 X,Y 9,10	11,12 12 11,12 8,11	9,11 15,17 20,21 14,17
DTT8P3	Identifiler® Plus 3sp	11,16	23,25		15,16 8,12 X,Y 9,10	11,12 12,12 11,12 8,11	9,11 15,17 20,21 14,17
		15.2,16	28,31.2				

TABLE 2

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

DTWEMA	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y 9,10	11,12 8,11	20,21 14,17
DWWMVQ	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y 9,10	11,12 8,11	20,21 14,17
DZTN3U	Identifiler® Plus						
	3sp	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		15.2,16	28,31.2	-	X,Y 9,10	11,12 8,11	20,21 14,17
DZZNBA	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y 9,10	11,12 8,11	20,21 14,17
E2LWMH	Identifiler® , PowerPlex® 16						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y 9,10	11,12 8,11	20,21 14,17
E3WRDG	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,[15],16			8,12	12	15,17
		15.2,16	28,31.2		X,Y 9,10	11,12 8,11	20,21 14,17
E4ALV3	PowerPlex® HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y 9,10	11,12 8,11	20,21 14,17
E62GFP	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y 9,10	11,12 8,11	20,21 14,17

TABLE 2

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

Item 3sp

E6769H	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
E7HHG7	PowerPlex® Hot Start						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
E9J8TT	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
EA2Y7J	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
EC9Q78	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
ECMGRW	PP16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
EDEHP8	Identifiler® Plus						
	3sp	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
EGXDRY	COfiler® and Profiler Plus® profiler® Plus						
	3sp				15,16	11,12	9,11
		11,16			8,12		15,17
		28,31.2			X,Y		20,21
					9,10	8,11	14,17

TABLE 2

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

Item 3sp

EMND27	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
EPDAJR	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
ET7BHK	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
EUN3VC	Identifiler® Identifiler Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
EWQQ4R	Identifiler®						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
EZWGJ3	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
F3D99A	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
F6FDE3	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17

TABLE 2

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

Item 3sp

F6JW37	PowerPlex® HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
F6K3VE	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
F7X4NM	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
F93B3E	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
FAEHE3	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
FB9VQE	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
FBTGKP	PowerPlex® 21						
	3sp	11,15	23,25		15,16	11,12	9,11
		11,16		19,22	8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
FC4QMH	Identifiler® Plus, MiniFiler						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

Item 3sp

FC4QP4	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
FH76Z8	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
FQ2DWC	Identifiler® Plus, MiniFiler						
	3sp	N/A	23,25	N/A	15,16	11,12	9,11
		11,16	N/A	N/A	8,12	12,12	15,17
FUWWNG	PowerPlex® ESI 17 Pro and ESX						
	3sp	11,15	23,25	11,14	15,16		
		11,16	12,15	19,22		12	15,17
FVFHJT	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
FWL38T	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
FXJD73	Identifiler®						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
FXZZPW	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
		28,31.2		X,Y	11,12	20,21	
	9,13	11,15		9,10	8,11	14,17	

TABLE 2

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

Item 3sp

FYP26E	Identifiler® Identifiler Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
FZ6M6M	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
G2EPF8	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
G38FLL	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
G6WNT2	Identifiler® Identifiler Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
G82AMT	PowerPlex® 16						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
G8HL6Y	PowerPlex® PP16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
GBKEBQ	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17

TABLE 2

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

GBNUQC	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
GCEFEE	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
GE2WBM	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
GH4328	PowerPlex® 16						
	3sp		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
GHH7HY	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
GHKCXE	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
GHWQTW	COfiler® and Profiler Plus® Brent (X), Identifiler® Hema (X) Plus						
	3sp		23,25		15,16	11,12	9,11
		11,15,16			8,11,12	12,12	15,16,17
GKLT6C	Identifiler® Plus, PowerPlex® 16						
	3sp		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21

TABLE 2

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

Item 3sp

GKU9JH	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
GLLRK4	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
GNNV4D	Globalfiler						
	3sp	Inc.	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	Inc.	8,12	12,12	15,17
GQX9YE	Identifiler®						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
GUFWAY	Identifiler®						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
GV9TV8	PowerPlex® Fusion						
	3sp	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12,12	15,17
H8XK3A	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
H9WMRD	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17

TABLE 2

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

Item 3sp

HD3FMA	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
HFA73K	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
HFQK99	Identifiler® Plus						
	3sp	n/a	23,25	n/a	15,16	11,12	9,11
		11,16	n/a	n/a	8,12	12,12	15,17
HHYEBZ	Identifiler®						
	3sp		23,25		15,16	11,12	9,11
		11,(15),16			8,12	12,12	15,17
HJC2QT	Identifiler® ID+						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
HLXX78	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
HQ7G6Y	Identifiler®						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
HQBQ8X	Identifiler®						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17

TABLE 2

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

Item 3sp

HWJ8H8	Identifiler® Plus, MiniFiler						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
HXRC9N	Identifiler® Plus						
	3sp	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
HY4YRN	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
HYKTDB	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
HYMBJM	PowerPlex® 21						
	3sp	11,15	23,25		15,16	11,12	9,11
		11,16		19,22	8,12	12,12	15,17
HZGKF6	Identifiler® Plus						
	3sp	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
JBV3DU	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
JHH46K	Identifiler® , SGM Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17

TABLE 2

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

JLBWNM	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y 9,10	11,12 8,11	20,21 14,17
JQPZNH	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y 9,10	11,12 8,11	20,21 14,17
JRKZT4	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y 9,10	11,12 8,11	20,21 14,17
JRZCFE	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y 9,10	11,12 8,11	20,21 14,17
JTCRR8	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y 9,10	11,12 8,11	20,21 14,17
JYLCT7	Identifiler® Plus						
	3sp	na	23,25	na	15,16	11,12	9,11
		11,16	na	na	8,12	12,12	15,17
		15.2,16	28,31.2	na	X,Y 9,10	11,12 8,11	20,21 14,17
K66Z2G	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y 9,10	11,12 8,11	20,21 14,17
K68KVC	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y 9,10	11,12 8,11	20,21 14,17

TABLE 2

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

Item 3sp

K7HWJL	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
K7WZYR	Identifiler®						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
KJQ6F6	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
KPBCQH	Identifiler® Plus						
	3sp	NA	23,25	NA	15,16	11,12	9,11
		11,16	NA	NA	8,12	12	15,17
		15.2,16	28,31.2	NA	X,Y	11,12	20,21
KPN4JZ	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
KPP2UV	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
KQ9NQR	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
KRNF3T	COfiler® and Profiler Plus® Profiler® Plus						
	3sp				15,16	11,12	9,11
		11,16			8,12		15,17
			28,31.2		X,Y		20,21
						14,17	

TABLE 2

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

KUNDU2	Identifiler®						
	3sp		23,25		15,16	11,12	9,11
		11,16 15.2,16		28,31.2		8,12 X,Y 9,10	12,12 11,12 8,11
KVG4ZF	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,[11]
		11,16 15.2,16		28,31.2		[8],12 X,Y 9,10	12 11,12 8,11
KVKNUB	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,[15],16 15.2,16		28,31.2		8,[11],12 X,Y 9,10	12 11,12 8,11
KWFWZ	Identifiler®						
	3sp		23,25		15,16	11,12	9,11
		11,16 15.2,16		28,31.2		8,12 X,Y 9,10	12 11,12 8,11
KWA4XR	Identifiler® Identifiler Plus, PowerPlex® PowerPlex® 16 HS						
	3sp		23,25		15,16	11,12	9,11
		11,16 15.2,16 9,13		28,31.2 11,15		8,12 X,Y 9,10	12 11,12 8,11
KYKAQZ	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16 15.2,16		28,31.2		8,12 X,Y 9,10	12,12 11,12 8,11
L49YGB	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16 15.2,16		28,31.2		8,12 X,Y 9,10	12,12 11,12 8,11
L4PXRN	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16 15.2,16		28,31.2		8,12 X,Y 9,10	12 11,12 8,11

TABLE 2

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

Item 3sp

L7E7Z4	Identifiler®						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
L8QT4G	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
LBQCFA	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
LDFLMQ	PowerPlex® Fusion, PowerPlex® 16 HS						
	3sp	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12	15,17
LE6R72	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,(15),16			8,12	12	15,17
LFVDYQ	Profiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
LGUPML	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
LJ3B7E	PowerPlex® 16						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17

TABLE 2

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

LJ3U6F	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
LMZTMF	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,[11]
		11,16			[8],12	12	15,[17]
LNZYXK	Identifiler®						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
LP7BMW	Identifiler®						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
LQ2ZKX	Identifiler®						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
LRC7D8	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
LRXW7R	PowerPlex® 21						
	3sp	11,15	23,25		15,16	11,12	9,11
		11,16		19,22	8,12	12,12	15,17
LWMXB7	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

Item 3sp

LXLLPG	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
LYU7NW	PowerPlex® Fusion						
	3sp	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12	15,17
		15.2,16	28,31.2	15	X,Y	11,12	20,21
M7PTNV	PowerPlex® 16 HS, Fusion						
	3sp	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12	15,17
		15.2,16	28,31.2	15	X,Y	11,12	20,21
MBLKAR	PowerPlex® 16 HS						
	3sp	-	-	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		-	28,31.2	-	X,Y	11,12	20,21
MDAJJ4	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
MDQ9PH	PowerPlex® 16 HS						
	3sp	-	-	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		-	28,31.2	-	X,Y	11,12	20,21
MFFGXX	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
MJGAKN	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

Item 3sp

MKTYYU	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
ML3WEW	Identifiler® Plus						
	3sp	--	23,25	--	15,16	11,12	9,11
		11,16	--	--	8,12	12,12	15,17
MN9G3W	Identifiler® Plus, MiniFiler						
	3sp	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12,12	15,17
MUGDVQ	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
MW8TY	Identifiler® Plus						
	3sp		23,25		15,16,(17)	11,12	9,11
		11,(13),16			8,11,12	12	15,17
MY9W4V	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
MZ6ZNB	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
N7LGQR	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17

TABLE 2

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

Item 3sp

N9BWU8	Identifiler® Plus						
	3sp	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17
NB2TRE	Identifiler® Plus						
	3sp	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12,12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17
NCRH2E	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
NGACTT	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
NGR2C9	Identifiler® Identifiler Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
NHYRV9	Identifiler® , MiniFiler						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
NP2U3U	Identifiler®						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
NP2ZWN	PowerPlex® 21						
	3sp	11,15	23,25		15,16	11,12	9,11
		11,16		19,22	8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17

TABLE 2

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

Item 3sp

NR8PT7	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
NXDEEJ	Identifiler® ID+						
	3sp		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
NZY6HA	Identifiler® Plus, MiniFiler						
	3sp		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
P23RHE	Identifiler® Plus						
	3sp	NA	23,25	NA	15,16	11,12	9,11
		15.2,16	28,31.2	NA	X,Y	11,12	20,21
P3Z2U6	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
P4W7YH	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		9,13	11,15		X,Y	11,12	20,21
P73Y6X	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
P8BLPA	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21

TABLE 2

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

Item 3sp

P8C4HL	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
P8WPBC	Identifiler® Plus						
	3sp		23,25		15,16	11,[12]	9,11
		11,16			8,12	12	15,17
P97R43	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
P9YN7C	Identifiler® Plus, MiniFiler						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
PCPQB6	Identifiler® Plus						
	3sp	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
PD6FPW	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
PGK7T7	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
PHUX48	Identifiler® Plus						
	3sp		23,25,[26]		15,16,[17]	[9],11,12,[13]	9,11
		11,[15],16			8,[11],12	[9],12,12	15,17
	[11],15.2,16	28,[29],31.2		X,Y	11,12	20,21,[26]	
				[8],9,10	8,11	14,[15],17	

TABLE 2

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

Item 3sp

Q3KWXR	Identifiler®						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15,2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
Q66V6V	PowerPlex® Fusion, CS7						
	3sp	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12,12	15,17
		15,2,16	28,31.2	15,15	X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
Q6JFKX	PowerPlex® 16						
	3sp	N/A	N/A	N/A	15,16	11,12	9,11
		11,16	N/A	N/A	8,12	12,12	15,17
		N/A	28,31.2	N/A	X,Y	11,12	20,21
		9,13	11,15	N/A	9,10	8,11	14,17
Q6MXZA	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15,2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
Q8BW6D	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15,2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
Q97F9Z	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15,2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
QBRV69	PowerPlex® 16						
	3sp				15,16	11,12	9,11
		11,16			8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
QBFY3	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15,2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17

TABLE 2

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

Item 3sp

QEEB2V	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
QEMTE8	IDENTIFILER PLUS Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
QFPMNJ	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
QGYWGG	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
QH9AAY	Identifiler® Plus						
	3sp	N/A	23,25	N/A	15,16	11,12	9,11
		11,16	N/A	N/A	8,12	12,12	15,17
QHRQCY	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
QJ6H6G	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
QJD6CN	PowerPlex® PP16 and PP16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12,12	15,17

TABLE 2

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

Item 3sp

QJM7NW	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
QL8UTN	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
QPCLGA	PowerPlex® 16 HS						
	3sp	-	-	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		-	28,31.2	-	X,Y	11,12	20,21
	9,13	11,15	-	9,10	8,11	14,17	
QQ8W4J	PowerPlex® 16						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
	9,13	11,15		9,10	8,11	14,17	
QUWE33	Identifiler®						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
QW268W	PowerPlex® 16						
	3sp	Not Tested	Not Tested	Not Tested	15,16	11,12	9,11
		11,16	Not Tested	Not Tested	8,12	12,12	15,17
		Not Tested	28,31.2	Not Tested	X,Y	11,12	20,21
	9,13	11,15	Not Tested	9,10	8,11	14,17	
QY3WKX	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
QYDNK2	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

Item 3sp

R2ZAPE	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
	11,16				8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
R3UZT9	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
	11,16				8,12	12	15,17
	15.2,16		28,31.2		X,Y	11,12	20,21
R3XXCD	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
	11,16				8,12	12	15,17
	15.2,16		28,31.2		X,Y	11,12	20,21
R47Q3C	Identifiler® , SGM Plus						
	3sp		23,25		15,16	11,12	9,11
	11,16				8,12	12,12	15,17
	15.2,16		28,31.2		X,Y	11,12	20,21
R7WBUW	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
	11,16				8,12	12,12	15,17
	15.2,16		28,31.2		X,Y	11,12	20,21
R948F7	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
	11,16				8,12	12	15,17
	15.2,16		28,31.2		X,Y	11,12	20,21
RAGL4F	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
	11,16				8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
RAXVWG	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
	11,16				8,12	12,12	15,17
	15.2,16		28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

Item 3sp

RE4A4X	Identifiler®						
	3sp	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17
RH92RJ	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
RKELFJ	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
RKEP6N	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
RMGY6R	Identifiler®						
	3sp		[18],23,25		15,16,[17]	11,12	9,11
		11,16			8,12	[9],12	15,17
		[11],15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,[15],17	
RPQUJA	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
RQ7RFF	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
RWA AHT	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17

TABLE 2

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

Item 3sp

RZ6RLR	PowerPlex® 16-HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
T3VKA3	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
TB88AC	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
TDA3WK	PowerPlex® 21						
	3sp	11,15	23,25		15,16	11,12	9,11
		11,16		19,22	8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
TDEEHW	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
TEN4QU	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
TFFP94	Identifiler®						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
TGAFEJ	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

TGNG4L	Identifiler® Plus						
	3sp	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17
TJEYH7	Identifiler® Plus						
	3sp	N/A	23,25	N/A	15,16	11,12	9,11
		11,16	N/A	N/A	8,12	12,12	15,17
		15.2,16	28,31.2	N/A	X,Y	11,12	20,21
		N/A	N/A	N/A	9,10	8,11	14,17
TKPH74	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
TL662H	PowerPlex® 21						
	3sp	11,15	23,25		15,16	11,12	9,11
		11,16		19,22	8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
TMFHRE	Identifiler® Plus & Identifiler						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
TMWQJU	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
TQWE6N	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
TRRM4E	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

TLLMZ	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
TV9F88	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
TWJRWJ	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
TYQMMU	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
TZ2JUJ	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
U73Z46	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
U7RJ4T	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
U8ZTWP	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,[12]	20,21

TABLE 2

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

Item 3sp

U9C6JE	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
UCBJ74	GlobalFiler						
	3sp	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12,12	15,17
		15.2,16	28,31.2	15,15	X,Y	11,12	20,21
UCCQHJ	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
UD4ACH	PowerPlex® 16 HS						
	3sp	not tested	not tested	not tested	15,16	11,12	9,11
		11,16	not tested	not tested	8,12	12	15,17
		not tested	28,31.2	not tested	X,Y	11,12	20,21
UF9C9U	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
UFTJXX	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
UFTL93	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
UG4VDF	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
	9,13	11,15		9,10	8,11	14,17	

TABLE 2

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

Item 3sp

UGNPXQ	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
UJAFZF	PowerPlex® PP16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
UKEAG9	Identifiler®						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
ULF2NG	PowerPlex® 16 HS, PowerPlex® Fusion						
	3sp	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12	15,17
		15.2,16	28,31.2	15	X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
UMB6C3	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
UN2MG4	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
UNMG2E	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
UP2BVD	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

Item 3sp

UP2P79	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
UV9AFY	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
UW3TJL	PowerPlex® HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
UWWR9J	COfiler® and Profiler Plus®						
	3sp				15,16	11,12	9,11
		11,16			8,12		15,17
			28,31.2		X,Y		20,21
						14,17	
UXTRJH	PowerPlex® 21						
	3sp	11,15	23,25		15,16	11,12	9,11
		11,16		19,22	8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
V277UN	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
V6KYAV	PowerPlex® FUSION, NGM SElect						
	3sp	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12,12	15,17
		15.2,16	28,31.2	15,15	X,Y	11,12	20,21
		9,13	11,15	29.2,30.2	9,10	8,11	14,17
V9AZWX	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

Item 3sp

VA4TRF	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
VBDZQ3	Identifiler® Identifiler Plus						
	3sp	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12,12	15,17
VBY3Q6	PowerPlex® 16						
	3sp		28,31.2		X,Y	11,12	20,21
		15.2,16			9,10	8,11	14,17
VGX2VU	PowerPlex® 16						
	3sp	N/A	N/A	N/A	15,16	11,12	9,11
		11,16	N/A	N/A	8,12	12,12	15,17
VGYJX4	PowerPlex® 16 HS						
	3sp		11,15		9,10	8,11	14,17
		9,13			X,Y	11,12	20,21
VHJZGD	PowerPlex® ESX16						
	3sp	11,15	23,25	11,14	15,16		
		11,16	12,15	19,22		12	15,17
VJQRGZ	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
VL6RXZ	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
		28,31.2		X,Y	11,12	20,21	
	9,13	11,15		9,10	8,11	14,17	

TABLE 2

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

Item 3sp

VLW9WJ	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
VQQYTZ	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
VQR4DX	Identifiler® Plus						
	3sp	NT	23,25	NT	15,16	11,12	9,11
		11,16	NT	NT	8,12	12,12	15,17
VRBJ4Q	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
W2KN8	Identifiler® Plus						
	3sp	NA	23,25	NA	15,16	11,12	9,11
		11,16	NA	NA	8,12	12,12	15,17
W72A69	Identifiler® Plus, MiniFiler						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
W8TXA2	GlobalFiler						
	3sp	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12,12	15,17
W9MQ6K	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17

TABLE 2

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

Item 3sp

WADH4R	Identifiler® Plus						
	3sp	--	23,25	--	15,16	11,12	9,11
		11,16	--	--	8,12	12,12	15,17
		15.2,16	28,31.2	--	X,Y	11,12	20,21
		--	--	--	9,10	8,11	14,17
WAH8J3	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
WBCXNW	Identifiler® Plus						
	3sp	no profile	23,25	no profile	15,16	11,12	9,11
		11,16	no profile	no profile	8,12	12,12	15,17
		15.2,16	28,31.2	no profile	X,Y	11,12	20,21
		no profile	no profile	no profile	9,10	8,11	14,17
WEBAN3	Globalfiler Casework						
	3sp	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12,12	15,17
		15.2,16	28,31.2	15,15	X,Y	11,12	20,21
			29.2,30.2	9,10	8,11	14,17	
WF6ZUG	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
WGFCHT	Identifiler®						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
WGH4BA	Identifiler® Plus						
	3sp	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17
WHP44Z	GlobalFiler						
	3sp	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12	15,17
		15.2,16	28,31.2	15,15	X,Y	11,12	20,21
			29.2,30.2	9,10	8,11	14,17	

TABLE 2

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

Item 3sp

WKFKM4	PowerPlex® 16						
	3sp				15,16	11,12	9,11
	11,16 ^				8,12	12	15,17
	9,13	28,31.2	11,15		X,Y	11,12	20,21
WMZRQW	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
	11,16				8,12	12,12	15,17
	15.2,16	28,31.2			X,Y	11,12	20,21
WPD244	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
	11,16				8,12	12,12	15,17
	9,13	28,31.2	11,15		X,Y	11,12	20,21
WPPZXD	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
	11,16				8,12	12	15,17
	9,13	28,31.2	11,15		X,Y	11,12	20,21
WU4YM7	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
	11,16				8,12	12	15,17
	15.2,16	28,31.2			X,Y	11,12	20,21
WVYHRR	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
	11,16				8,12	12	15,17
	15.2,16	28,31.2			X,Y	11,12	20,21
WW9RDX	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
	11,16				8,12	12	15,17
	15.2,16	28,31.2			X,Y	11,12	20,21
WWQKCM	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
	11,16				8,12	12,12	15,17
	9,13	28,31.2	11,15		X,Y	11,12	20,21

TABLE 2

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

Item 3sp

WWUM6U	Identifiler®						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
X2BVA6	COfiler® and Profiler Plus®		28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
		3sp			15,16	11,12	9,11
X3UEU4	PowerPlex® 16 HS				8,12		15,17
			28,31.2		X,Y	11,12	20,21
		3sp			15,16	11,12	9,11
X6HK2Y	Identifiler® Plus		11,15		9,10	8,11	14,17
		3sp		23,25		15,16	11,12
X9HYZ6	Identifiler®				8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		3sp			15,16	11,12	9,11
XAAM8J	PowerPlex® 16 HS		11,15		9,10	8,11	14,17
		3sp			15,16	11,12	9,11
XBQ9UM	Identifiler Plus				8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		3sp		23,25		15,16	11,12
XCKYZ2	PowerPlex® 16				9,10	8,11	14,17
		3sp			15,16	11,12	9,11
			11,15		9,10	8,11	14,17
					8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		3sp			15,16	11,12	9,11
					9,10	8,11	14,17
		3sp			15,16	11,12	9,11
			11,15		9,10	8,11	14,17
					8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		3sp			15,16	11,12	9,11
					9,10	8,11	14,17
		3sp			15,16	11,12	9,11
			11,15		9,10	8,11	14,17
					8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		3sp			15,16	11,12	9,11
					9,10	8,11	14,17
		3sp			15,16	11,12	9,11
			11,15		9,10	8,11	14,17
					8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		3sp			15,16	11,12	9,11
					9,10	8,11	14,17
		3sp			15,16	11,12	9,11
			11,15		9,10	8,11	14,17
					8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		3sp			15,16	11,12	9,11
					9,10	8,11	14,17
		3sp			15,16	11,12	9,11
			11,15		9,10	8,11	14,17
					8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		3sp			15,16	11,12	9,11
					9,10	8,11	14,17
		3sp			15,16	11,12	9,11
			11,15		9,10	8,11	14,17
					8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		3sp			15,16	11,12	9,11
					9,10	8,11	14,17
		3sp			15,16	11,12	9,11
			11,15		9,10	8,11	14,17
					8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		3sp			15,16	11,12	9,11
					9,10	8,11	14,17
		3sp			15,16	11,12	9,11
			11,15		9,10	8,11	14,17
					8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		3sp			15,16	11,12	9,11
					9,10	8,11	14,17
		3sp			15,16	11,12	9,11
			11,15		9,10	8,11	14,17
					8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		3sp			15,16	11,12	9,11
					9,10	8,11	14,17
		3sp			15,16	11,12	9,11
			11,15		9,10	8,11	14,17
					8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		3sp			15,16	11,12	9,11
					9,10	8,11	14,17
		3sp			15,16	11,12	9,11
			11,15		9,10	8,11	14,17
					8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		3sp			15,16	11,12	9,11
					9,10	8,11	14,17
		3sp			15,16	11,12	9,11
			11,15		9,10	8,11	14,17
					8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		3sp			15,16	11,12	9,11
					9,10	8,11	14,17
		3sp			15,16	11,12	9,11
			11,15		9,10	8,11	14,17
					8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		3sp			15,16	11,12	9,11
					9,10	8,11	14,17
		3sp			15,16	11,12	9,11
			11,15		9,10	8,11	14,17
					8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		3sp			15,16	11,12	9,11
					9,10	8,11	14,17
		3sp			15,16	11,12	9,11
			11,15		9,10	8,11	14,17
					8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		3sp			15,16	11,12	9,11
					9,10	8,11	14,17
		3sp			15,16	11,12	9,11
			11,15		9,10	8,11	14,17
					8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		3sp			15,16	11,12	9,11
					9,10	8,11	14,17
		3sp			15,16	11,12	9,11
			11,15		9,10	8,11	14,17
					8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		3sp			15,16	11,12	9,11
					9,10	8,11	14,17
		3sp			15,16	11,12	9,11
			11,15		9,10	8,11	14,17
					8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		3sp			15,16	11,12	9,11
					9,10	8,11	14,17
		3sp			15,16	11,12	9,11
			11,15		9,10	8,11	14,17
					8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		3sp			15,16	11,12	9,11
					9,10	8,11	14,17
		3sp			15,16	11,12	9,11
			11,15		9,10	8,11	14,17
					8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		3sp			15,16	11,12	9,11
					9,10	8,11	

TABLE 2

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

XFZMGT	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16 15.2,16		28,31.2		8,12 X,Y 9,10	12,12 11,12 8,11
XFZP7W	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16 15.2,16		28,31.2		8,12 X,Y 9,10	12,12 11,12 8,11
XGFQ9Y	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16 15.2,16		28,31.2		8,12 X,Y 9,10	12,12 11,12 8,11
XKWGP9	Identifiler®						
	3sp		23,25		15,16	11,12	9,11
		11,16 15.2,16		28,31.2		8,12 X,Y 9,10	12,12 11,12 8,11
XKXXNL	Identifiler®						
	3sp		23,25		15,16	11,12	9,11
		11,16 15.2,16		28,31.2		8,12 X,Y 9,10	12 11,12 8,11
XQDR9W	Identifiler® , Identifiler Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16 15.2,16		28,31.2		8,12 X,Y 9,10	12 11,12 8,11
XX6UVU	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16 15.2,16		28,31.2		8,12 X,Y 9,10	12,12 11,12 8,11
XZAYD2	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16 15.2,16		28,31.2		8,12 X,Y 9,10	12 11,12 8,11

TABLE 2

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

Item 3sp

XZQLYK	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
Y3Q8AM	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
Y4J727	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
Y7A7MH	Identifiler®						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
YEKMYN	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
YFDE63	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
YFDMQ8	Identifiler® Plus						
	3sp	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
YFU3D3	PowerPlex® 16 HS						
	3sp	NA	NA	NA	15,16	11,12	9,11
		11,16	NA	NA	8,12	12	15,17
		28,31.2	NA	NA	X,Y	11,12	20,21
					9,10	8,11	14,17

TABLE 2

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

Item 3sp

YG7E3E	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
YGN6AD	Identifiler® Plus, PowerPlex® HS						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
YGQHPY	GlobalFiler						
	3sp	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12	15,17
		15.2,16	28,31.2	15	X,Y	11,12	20,21
				29.2,30.2	9,10	8,11	14,17
YHLQM6	Identifiler® Plus, MiniFiler						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
YKK8HL	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
YKRN3K	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
YNGVYT	PowerPlex® 16 HS, PowerPlex® ESX17						
	3sp	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12,12	15,17
		15.2,16	28,31.2	15,15	X,Y	11,12	20,21
		9,13	11,15	29.2,30.2	9,10	8,11	14,17
YQF8P9	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17

TABLE 2

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

Item 3sp

YQXUQH	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
YT4EEH	Identifiler® Identifiler Plus						
	3sp		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
YVU28Q	Identifiler®						
	3sp		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
YXEBG7	Identifiler® Plus						
	3sp	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
YXJ9P3	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
YYUKEE	Identifiler® Plus, MiniFiler						
	3sp		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
Z3N27X	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
Z6ANYL	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21

TABLE 2

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

Item 3sp

Z7MEPG	Identifiler®						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
Z8XU4V	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
ZA6CJY	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
ZDM6L7	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
ZFWGEN	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
ZG9U4X	Identifiler®						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
ZJRH76	Identifiler® Plus						
	3sp	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
ZM6JUW	PowerPlex® 16						
	3sp	N/A	N/A	N/A	15,16	11,12	9,11
		11,16	N/A	N/A	8,12	12,12	15,17

TABLE 2

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

Item 3sp

ZN82DE	PowerPlex® PP16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
ZNLXUX	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
ZQD47G	PowerPlex® Hot Start						
	3sp				15,16	11,12	9,11
		11,16			8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
ZQE783	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
ZTE69Z	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
ZTT42H	Identifiler® Plus						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
ZUG3YH	PowerPlex® 16 HS						
	3sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
ZV93WT	Identifiler® Plus						
	3sp	not tested	23,25	not tested	15,16	11,12	9,11
		11,16	not tested	not tested	8,12	12,12	15,17
		15.2,16	28,31.2	not tested	X,Y	11,12	20,21
	not tested	not tested	not tested	9,10	8,11	14,17	

TABLE 2

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

Item 3sp

ZWZGZX	Identifiler® Plus, MiniFiler						
	3sp		23,24,25		15,16	11,12	9,11
		11,15,16			8,11,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
ZY9WMN	Identifiler®						
	3sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
ZZ4K2D	PowerPlex® 21						
	3sp	11,15	23,25		15,16	11,12	9,11
		11,16		19,22	8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17

TABLE 2

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

22N8ZD	Identifiler® Plus						
	4	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
	-	-	-	9,10	8,11	14,17	
232X8W	Identifiler® Plus						
	4	n/a	23,25	n/a	15,16	11,12	9,11
		11,16	n/a	n/a	8,12	12,12	15,17
		15.2,16	28,31.2	n/a	X,Y	11,12	20,21
	n/a	n/a	n/a	9,10	8,11	14,17	
23LWHU	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
	NA	NA		9,10	8,11	14,17	
24DG8T	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
	9,13	11,15		9,10	8,11	14,17	
24X977	Identifiler® and Identifiler Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
28C3M4	Identifiler® /Identifiler Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
2BBRBH	PowerPlex® 16 Hot Start						
	4				15,16	11,12	9,11
		11,16			8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
	9,13	11,15		9,10	8,11	14,17	
2BU8BZ	Identifiler® Plus, MiniFiler						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

2MCHAR	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
2MPCRD	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
2PERVU	COfiler® and Profiler Plus® , MiniFiler						
	4	NA	23,25	NA	15,16	11,12	9,11
		11,16	NA	NA	8,12	12	15,17
2XQAKZ	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16	28,31.2		8,12	12	15,17
2YKZNT	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
2Y2G3	COfiler® and Profiler Plus® , MiniFiler						
	4	na	23,25	na	15,16	11,12	9,11
		11,16	na	na	8,12	12	15,17
32LQMZ	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
33ET4N	Identifiler® , MiniFiler						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21

TABLE 2

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

Item 4

37XYQQ	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
396JP6	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
3AHM9H	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
3AZWYX	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
3C6XBA	PowerPlex® 21						
	4	11,15	23,25		15,16	11,12	9,11
		11,16		19,22	8,12	12,12	15,17
3FPLT2	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16	28,31.2		8,12	12	15,17
3J2F8R	Identifiler®						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
3JFQXJ	Identifiler® Plus						
	4	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12,12	15,17
	15.2,16	28,31.2	-	X,Y	11,12	20,21	
	-	-	-	9,10	8,11	14,17	

TABLE 2

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

Item 4

3LT3BG	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
3MYLXQ	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
3NYN3M	Identifiler® Plus						
	4	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12,12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
3PU4FK	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
3Q8V82	Identifiler® Plus, MiniFiler						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
3VZVNH	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
3WC8B7	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
3WER62	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21

TABLE 2

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

Item 4

3WQ4NK	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
3X43VU	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
3XN8L3	Identifiler® Plus, MiniFiler						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
3ZWJ6P	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
42JHXD	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
4442LA	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
47EG3B	GlobalFiler						
	4	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12	15,17
489NHM	Identifiler®						
	4	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12,12	15,17

TABLE 2

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

493EN2	PowerPlex® 21						
	4	11,15	23,25		15,16	11,12	9,11
		11,16		19,22	8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
494LYN	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
4AVLWY	COfiler® and Profiler Plus® , MiniFiler						
	4	NA	23,25	NA	15,16	11,12	9,11
		11,16	NA	NA	8,12	12	15,17
		NA	28,31.2	NA	X,Y	11,12	20,21
		NA	NA	NA	9,10	8,11	14,17
4AXUZX	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
4DUMPM	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
4F2D8H	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
4F2FTF	PowerPlex® HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
4KCBTJ	Identifiler® Plus						
	4	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17

TABLE 2

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

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4M3KTD	PowerPlex® HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
4MHTUZ	COfiler® and Profiler Plus® , MiniFiler						
	4	NA	23,25	NA	15,16	11,12	9,11
		11,16	NA	NA	8,12	12	15,17
		NA	28,31.2	NA	X,Y	11,12	20,21
4NDZ8Q	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
4NTTTF	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
4UKXPQ	PowerPlex® 16						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
4WJJ9G	Identifiler®						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
62XYBY	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
6336K8	Profiler Plus ®						
	4				15,16	11,12	9,11
		11,16			8,12		15,17
			28,31.2		X,Y		20,21
						14,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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638FG4	Identifiler®						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
64MXHN	Identifiler® Plus						
	4	NA	23,25	NA	15,16	11,12	9,11
		11,16		NA	8,12	12,12	15,17
66FT2Q	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
67TQJV	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
682BJC	Identifiler®						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
6929XD	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12,12	15,17
6ABHL6	Identifiler®						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
6BKTTM	Identifiler®						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21

TABLE 2

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

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6DBYCX	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
6EM98Y	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
6QW47V	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
6TLAN7	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
6W6VNL	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
6Z3HY2	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
6ZMPCT	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
76ENB2	PowerPlex® 16 HS						
	4	-	-	-	15,16	11,12	9,11
		11,16			8,12	12	15,17

TABLE 2

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

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76QF64	PowerPlex® 21						
	4	11,15	23,25		15,16	11,12	9,11
		11,16		19,22	8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
774UTD	PowerPlex® Hot Start						
	4				15,16	11,12	9,11
		11,16			8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
774WHH	PowerPlex® 16						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
77A8EN	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
77Y9RK	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
79T4ZT	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
7BYGQ8	PowerPlex® 21						
	4	11,15	23,25		15,16	11,12	9,11
		11,16		19,22	8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
7G4HMV	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17

TABLE 2

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

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7H3HTM	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
7HZYR	GlobalFiler						
	4	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12,12	15,17
		15.2,16	28,31.2	15,15	X,Y	11,12	20,21
				29.2,30.2	9,10	8,11	14,17
7JQKQH	Identifiler® Plus						
	4	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12,12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17
7LJVMH	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
7WYZHK	Identifiler®						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
7Y4ZN8	Identifiler® and Identifiler Plus, MiniFiler						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
7YWYH7	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
83NAEJ	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17

TABLE 2

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

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86AZHA	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
889DY8	Identifiler® Plus						
	4	-	23,25	-	15,16	11,12	9,11
		11,16			8,12	12	15,17
8BWDA2	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
8JFKHK	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
8LBXK6	Identifiler® , Identifiler Plus and MiniFiler						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
8MQ4ZU	PowerPlex® 16						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
8NGFM8	PowerPlex® HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
8T77NH	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17

TABLE 2

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

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8WELP2	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
8X2XWF	Identifiler® Plus						
	4	NT	23,25	NT	15,16	11,12	9,11
		11,16	NT	NT	8,12	12,12	15,17
		15.2,16	28,31.2	NT	X,Y	11,12	20,21
		NT	NT	NT	9,10	8,11	14,17
97V79J	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
98R6HW	PowerPlex® 16 HS						
	4	NA	NA	NA	15,16	11,12	9,11
		11,16	NA	NA	8,12	12	15,17
		NA	28,31.2	NA	X,Y	11,12	20,21
		9,13	11,15	NA	9,10	8,11	14,17
998ACN	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
9HACAD	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
9J43FT	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
9MMXJK	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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9NUEA4	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
9Q9NMA	Identifiler®						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
9WU448	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
9WUJJ8	Identifiler® Identifiler Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
9X4C7Z	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
9ZDGNV	Identifiler®						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
A46KX8	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
A4PNKT	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
	9,13	11,15		9,10	8,11	14,17	

TABLE 2

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

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A6JM72	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
A9GV7M	Globalfiler						
	4	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12,12	15,17
		15.2,16	28,31.2	15,15	X,Y	11,12	20,21
AAVPVH	Identifiler® Identifiler Plus						
	4	N/T	23,25	N/T	15,16	11,12	9,11
		11,16	N/T	N/T	8,12	12,12	15,17
		15.2,16	28,31.2	N/T	X,Y	11,12	20,21
ACLVDU	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
AGUCN4	Identifiler® , Identifiler Plus, MiniFiler						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
AH98JN	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
AL662M	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
AMEFGD	PowerPlex® 16						
	4	N/A	N/A	N/A	15,16	11,12	9,11
		11,16	N/A	N/A	8,12	12,12	15,17
		N/A	28,31.2	N/A	X,Y	11,12	20,21
	9,13	11,15	N/A	9,10	8,11	14,17	

TABLE 2

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

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AP7D2R	Identifiler® Plus, MiniFiler						
	4	NA	23,25	NA	15,16	11,12	9,11
		11,16	NA	NA	8,12	12	15,17
		15.2,16	28,31.2	NA	X,Y	11,12	20,21
		NA	NA	NA	9,10	8,11	14,17
AWADME	Identifiler® Plus, MiniFiler						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
AWN8EU	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
AXEYZT	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
AZTVUJ	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
B38EC8	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
B6EKY9	Identifiler®						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
B6U77P	Identifiler®						
	4	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12,12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17

TABLE 2

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

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B7L74Z	Identifiler® Plus, PowerPlex® HS						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
B8EY4K	PowerPlex® Fusion						
	4	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15		8,12	12	15,17
		15.2,16	28,31.2	15	X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
B9FL3C	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
BB38RT	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
BCV8N4	Identifiler® Plus						
	4	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17
BE64GM	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
BJGBF8	PowerPlex® Fusion						
	4	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12	15,17
		15.2,16	28,31.2	15	X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
BJW8U6	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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BMXFCG	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
BPKMP4	PowerPlex® 21						
	4	11,15	23,25		15,16	11,12	9,11
		11,16		19,22	8,12	12,12	15,17
BPMEGJ	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
BPPZBE	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
BQF7TP	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
BTMQBY	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
BUH9EK	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
BZ4F2E	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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C2TEGP	Identifiler® Plus							
	4		23,25		15,16	11,12	9,11	
		11,16			8,12	12,12	15,17	
C8929F	PowerPlex® Fusion, NGM SElect		28,31.2		X,Y	11,12	20,21	
					9,10	8,11	14,17	
		4	11,15	23,25	11,14	15,16	11,12	9,11
			11,16	12,15	19,22	8,12	12,12	15,17
CBY9MB	Identifiler® Plus		28,31.2		X,Y	11,12	20,21	
					9,10	8,11	14,17	
		4	11,15	23,25	11,14	15,16	11,12	9,11
			11,16	12,15	19,22	8,12	12,12	15,17
CCRXCX	PowerPlex® Fusion, PowerPlex® 16 HS		28,31.2		X,Y	11,12	20,21	
					9,10	8,11	14,17	
		4	11,15	23,25	11,14	15,16	11,12	9,11
			11,16	12,15	19,22	8,12	12	15,17
CCWX8C	Identifiler® Plus		28,31.2		X,Y	11,12	20,21	
					9,10	8,11	14,17	
		4	11,15	23,25	11,14	15,16	11,12	9,11
			11,16	12,15	19,22	8,12	12	15,17
CE3XEJ	Identifiler® Plus		28,31.2		X,Y	11,12	20,21	
					9,10	8,11	14,17	
		4	11,15	23,25	11,14	15,16	11,12	9,11
			11,16	12,15	19,22	8,12	12,12	15,17
CE8QNY	Identifiler®		28,31.2		X,Y	11,12	20,21	
					9,10	8,11	14,17	
		4	11,15	23,25	11,14	15,16	11,12	9,11
			11,16	12,15	19,22	8,12	12	15,17
CEM4PN	Identifiler® Plus		28,31.2		X,Y	11,12	20,21	
					9,10	8,11	14,17	
		4	11,15	23,25	11,14	15,16	11,12	9,11
			11,16	12,15	19,22	8,12	12	15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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CFC84B	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
CFQF96	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
CG6X9P	PowerPlex® 16						
	4				15,16	11,12	9,11
		11,16			8,12	12,12	15,17
CHJVRT	PowerPlex® 16 HS						
	4	-	-	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
CR7TFD	Identifiler® Plus, MiniFiler						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
CUAN22	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
CUCNBW	Identifiler®						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
CVPNJ7	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21

TABLE 2

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

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CWXXC3	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
CY6HY3	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
CYM8JJ	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
CZFRYA	Identifiler® Identifiler Plus						
	4	-	23,25	-	15,16	11,12	9,11
		15.2,16	28,31.2	-	X,Y	11,12	20,21
D3HXAA	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
D6QTNR	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16	28,31.2		8,12	12	15,17
D7L92N	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16	28,31.2		8,12	12	15,17
D8F2W8	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21

TABLE 2

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

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D8FY73	Identifiler® Identifiler Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
D9QBXZ	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
DECAN9	PowerPlex® 16, HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
DERQJ2	Global Filer						
	4	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12	15,17
		15.2,16	28,31.2	15	X,Y	11,12	20,21
				29.2,30.2	9,10	8,11	14,17
DGZ9TB	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
DGZ9VW	PowerPlex® HS						
	4				15,16	11,12	9,11
		11,16			8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
DJNJBB	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
DK4JUJ	Identifiler® Plus, PowerPlex® 16						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17

TABLE 2

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

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E3WRDG	Identifiler® Plus, MiniFiler						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
E4ALV3	PowerPlex® HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
E62GFP	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
E6769H	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
E7HHG7	PowerPlex® Hot Start						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
E9J8TT	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
EA2Y7J	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
EC9Q78	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17

TABLE 2

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

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ECMGRW	PP16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
EDEHP8	Identifiler® Plus						
	4	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
EGXDRY	COfiler® and Profiler Plus® profiler® Plus						
	4				15,16	11,12	9,11
		11,16			8,12		15,17
			28,31.2		X,Y		20,21
EMND27	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
ET7BHK	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
EUN3VC	Identifiler® Identifiler Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
EWQQ4R	Identifiler®						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
EZWGJ3	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17

TABLE 2

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

F3D99A	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
F6FDE3	PowerPlex® 16 HS						
	4				X,Y	11,12	20,21
		15,2,16	28,31.2		9,10	8,11	14,17
F6JW37	PowerPlex® HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
F6K3VE	Identifiler® Plus						
	4		28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
F7X4NM	Identifiler® Plus, MiniFiler						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
F93B3E	Identifiler® Plus						
	4		28,31.2		X,Y	11,12	20,21
		15,2,16	11,15		9,10	8,11	14,17
FAEHE3	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
FB9VQE	Identifiler® Plus						
	4		28,31.2		X,Y	11,12	20,21
		15,2,16	11,15		9,10	8,11	14,17

TABLE 2

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

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FBTGKP	PowerPlex® 21						
	4	11,15	23,25		15,16	11,12	9,11
		11,16		19,22	8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
FC4QMH	Identifiler® Plus, MiniFiler						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
FC4QP4	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
FH76Z8	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
FQ2DWC	Identifiler® Plus, MiniFiler						
	4	N/A	23,25	N/A	15,16	11,12	9,11
		11,16	N/A	N/A	8,12	12,12	15,17
		15.2,16	28,31.2	N/A	X,Y	11,12	20,21
		N/A	N/A	N/A	9,10	8,11	14,17
FQFDLE	Identifiler®						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
FV FHJT	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
FWL38T	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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FXJD73	Identifiler®						
	4		23,25		15,16	11,12	9,11
		11,16 15.2,16		28,31.2		8,12 X,Y 9,10	12 11,12 8,11
FXUFD9	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16 15.2,16		28,31.2		8,12 X,Y 9,10	12 11,12 8,11
FXZZPW	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16		28,31.2		8,12 X,Y 9,10	12 11,12 8,11
FYP26E	Identifiler® Identifiler Plus						
	4		23,25		15,16	11,12	9,11
		11,16 15.2,16		28,31.2		8,12 X,Y 9,10	12 11,12 8,11
FZ6M6M	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16		28,31.2		8,12 X,Y 9,10	12 11,12 8,11
G2EPF8	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16 15.2,16		28,31.2		8,12 X,Y 9,10	12,12 11,12 8,11
G38FLL	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16 15.2,16		28,31.2		8,12 X,Y 9,10	12,12 11,12 8,11
G6WNT2	Identifiler® Identifiler Plus						
	4		23,25		15,16	11,12	9,11
		11,16 15.2,16		28,31.2		8,12 X,Y 9,10	12,12 11,12 8,11

TABLE 2

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

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G82AMT	PowerPlex® 16						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
G8HL6Y	PowerPlex® PP16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
GBKEBQ	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
GBNUQC	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
GCEFEE	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
GE2WBM	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
GH4328	PowerPlex® 16						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
GHH7HY	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21

TABLE 2

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

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GHKCXE	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
GHWQTW	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
GKLT6C	Identifiler® Plus, PowerPlex® 16						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
GKU9JH	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
GLLRK4	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
GNNV4D	Globalfiler						
	4	11,15	23,25	11,14	15,16	11,12	9,11
		15.2,16	28,31.2	15,15	X,Y	11,12	20,21
GQX9YE	Identifiler®						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
GUFWAY	Identifiler®						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21

TABLE 2

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

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GV9TV8	PowerPlex® Fusion						
	4	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12,12	15,17
		15.2,16	28,31.2	15,15	X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
H8XK3A	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
H9WMRD	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
HD3FMA	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
HFA73K	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
HFQK99	Identifiler® Plus						
	4	n/a	23,25	n/a	15,16	11,12	9,11
		11,16	n/a	n/a	8,12	12,12	15,17
		15.2,16	28,31.2	n/a	X,Y	11,12	20,21
		n/a	n/a	n/a	9,10	8,11	14,17
HHYEBZ	Identifiler®						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
HJC2QT	Identifiler® ID+						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17

TABLE 2

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

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HLXX78	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
HMJV3C	PowerPlex® 16 and ESX16						
	4	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12	15,17
		15.2,16	28,31.2	15	X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
HQ7G6Y	Identifiler®						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
HQBQ8X	Identifiler®						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
HQWA7D	COfiler® and Profiler Plus® , MiniFiler						
	4	NA	23,25	NA	15,16	11,12	9,11
		11,16	NA	NA	8,12	12	15,17
		NA	28,31.2	NA	X,Y	11,12	20,21
		NA	NA	NA	9,10	8,11	14,17
HWJ8H8	Identifiler® Plus, MiniFiler						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
HXRC9N	Identifiler® Plus						
	4	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17
HY4YRN	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17

TABLE 2

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

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HYKTDB	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
HYMBJM	PowerPlex® 21						
	4	11,15	23,25		15,16	11,12	9,11
		11,16		19,22	8,12	12,12	15,17
HZGKF6	Identifiler® Plus						
	4	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
JBV3DU	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
JHH46K	Identifiler® , SGM Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
JQPZNH	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
JRKZT4	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
JRZCFE	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17

TABLE 2

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

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JTCRR8	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
JYLCT7	Identifiler® Plus						
	4	na	23,25	na	15,16	11,12	9,11
		11,16	na	na	8,12	12,12	15,17
		15.2,16	28,31.2	na	X,Y	11,12	20,21
		na	na	na	9,10	8,11	14,17
K4BAV3	PowerPlex® ESI 17 and ESX 17						
	4	11,15	23,25	11,14	15,16		
		11,16	12,15	19,22		12,12	15,17
		15.2,16	28,31.2	15,15	X,Y		20,21
				29.2,30.2	9,10		14,17
K66Z2G	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
K68KVC	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
K7HWJL	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
KGFVBR	PowerPlex® 21						
	4	11,15	23,25		15,16	11,12	9,11
		11,16		19,22	8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
KJQ6F6	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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KPBCQH	Identifiler® Plus, MiniFiler						
	4	NA	23,25	NA	15,16	11,12	9,11
		11,16	NA	NA	8,12	12	15,17
		15.2,16	28,31.2	NA	X,Y	11,12	20,21
	NA	NA	NA	9,10	8,11	14,17	
KPN4JZ	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
	9,13	11,15		9,10	8,11	14,17	
KPP2UV	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
KQ9NQR	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
	9,13	11,15		9,10	8,11	14,17	
KRNF3T	COfiler® and Profiler Plus® Profiler® Plus						
	4				15,16	11,12	9,11
		11,16			8,12		15,17
			28,31.2		X,Y		20,21
						14,17	
KUNDU2	Identifiler®						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
KVG4ZF	Identifiler® Plus						
	4		23,25		15,16	11,[12]	9,11
		11,[16]			8,[12]	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
KVKNUB	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

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KWFVWZ	Identifiler®						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
KWA4XR	Identifiler® Identifiler Plus, PowerPlex® PowerPlex® 16 HS						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
KYKAQZ	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
		11,16			8,12	12,12	15,17
L49YGB	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
		11,16			8,12	12,12	15,17
L4PXRN	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
		11,16			8,12	12	15,17
L7E7Z4	Identifiler®						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
		11,16			8,12	12	15,17
L8QT4G	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
L9FCEA	COfiler® and Profiler Plus®						
	4	NA	23,25	NA	15,16	11,12	9,11
		15.2,16	28,31.2	NA	X,Y	11,12	20,21
		11,16		NA	8,12	12	15,17
	NA	NA	NA	9,10	8,11	14,17	

TABLE 2

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

LBQCFA	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15,2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
LDFLMQ	PowerPlex® Fusion, PowerPlex® 16 HS						
	4	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12	15,17
		15,2,16	28,31.2	15	X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
LE6R72	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15,2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
LFVDYQ	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15,2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
LGUPML	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
LJ3B7E	PowerPlex® 16						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
LJ3U6F	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15,2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
LMZTMF	Identifiler® Plus						
	4		[23],25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15,2,16	28,31.2		X,Y	11,12	20,21
					9,[10]	8,11	14,17

TABLE 2

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

LNVYXK	Identifiler®						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
LP7BMW	Identifiler®						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
LQ2ZKX	Identifiler®						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
LRC7D8	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
LRXW7R	PowerPlex® 21						
	4	11,15	23,25		15,16	11,12	9,11
		11,16		19,22	8,12	12,12	15,17
LWMXB7	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
LXLLPG	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
LYU7NW	PowerPlex® Fusion						
	4	11,15	23,25	11,14	15,16	11,12	9,11
		15.2,16	28,31.2	15	X,Y	11,12	20,21

TABLE 2

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

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M7PTNV	PowerPlex® 16 HS, Fusion						
	4	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12	15,17
		15.2,16	28,31.2	15	X,Y	11,12	20,21
		9,13	11,15	N/A	9,10	8,11	14,17
MBLKAR	PowerPlex® 16 HS						
	4	-	-	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		-	28,31.2	-	X,Y	11,12	20,21
		9,13	11,15	-	9,10	8,11	14,17
MDAJJ4	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
MDQ9PH	PowerPlex® 16 HS						
	4	-	-	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		-	28,31.2	-	X,Y	11,12	20,21
		9,13	11,15	-	9,10	8,11	14,17
MFFGXX	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
MJGAKN	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
MKTYU	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
ML3WEW	Identifiler® Plus						
	4	--	23,25	--	15,16	11,12	9,11
		11,16	--	--	8,12	12,12	15,17
		15.2,16	28,31.2	--	X,Y	11,12	20,21
		--	--	--	9,10	8,11	14,17

TABLE 2

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

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MN9G3W	Identifiler® Plus, MiniFiler						
	4	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12,12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17
MUGDVQ	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
MW8TY	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
MY9W4V	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
MZ6ZNB	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
N7LGQR	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
N9BWU8	Identifiler® Plus						
	4	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17
NB2TRE	Identifiler® Plus						
	4	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12,12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17

TABLE 2

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

NCRH2E	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
NGACTT	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
NGR2C9	Identifiler® Identifiler Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
NHYRV9	Identifiler® , MiniFiler						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
NP2U3U	Identifiler®						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
NP2ZWN	PowerPlex® 21						
	4	11,15	23,25		15,16	11,12	9,11
		11,16		19,22	8,12	12,12	15,17
NR8PT7	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
NXDEEJ	Identifiler® ID+						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17

TABLE 2

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

NZY6HA	Identifiler® Plus, MiniFiler						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y 9,10	11,12 8,11	20,21 14,17
P23RHE	Identifiler® Plus, MiniFiler						
	4	NA	23,25	NA	15,16	11,12	9,11
		11,16	NA	NA	8,12	12	15,17
		15.2,16	28,31.2	NA	X,Y 9,10	11,12 8,11	20,21 14,17
P3Z2U6	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y 9,10	11,12 8,11	20,21 14,17
P4W7YH	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y 9,10	11,12 8,11	20,21 14,17
P73Y6X	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y 9,10	11,12 8,11	20,21 14,17
P8BLPA	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y 9,10	11,12 8,11	20,21 14,17
P8C4HL	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y 9,10	11,12 8,11	20,21 14,17
P8WPBC	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y 9,10	11,12 8,[11]	20,21 14,17

TABLE 2

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

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P97R43	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
P9YN7C	Identifiler® Plus, MiniFiler						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
PCPQB6	Identifiler® Plus						
	4	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
PD6FPW	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
PGK7T7	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
PHUX48	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
PLEDKA	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
PMAVNW	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21

TABLE 2

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

Item 4

PR2TZL	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
PUQ4W7	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
PY66DQ	PowerPlex® PP16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
PZTKG8	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
Q3FLVU	Identifiler®						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
Q3FLXE	Identifiler® Plus						
	4	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
				9,10	8,11	14,17	
Q3KWXR	Identifiler®						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
Q6JFKX	PowerPlex® 16						
	4	N/A	N/A	N/A	15,16	11,12	9,11
		11,16	N/A	N/A	8,12	12,12	15,17
		N/A	28,31.2	N/A	X,Y	11,12	20,21
		9,13	11,15	N/A	9,10	8,11	14,17

TABLE 2

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

Q6MXZA	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
Q8BW6D	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
Q97F9Z	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
QBRV69	PowerPlex® 16						
	4				15,16	11,12	9,11
		11,16	28,31.2		8,12	12,12	15,17
QBFY3	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
QEEB2V	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
QEMTE8	IDENTIFILER PLUS Plus						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
QFPMNJ	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16	28,31.2		8,12	12	15,17
		9,13	11,15		9,10	8,11	14,17

TABLE 2

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

QGYWGG	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
QH9AAY	Identifiler® Plus						
	4	N/A	23,25	N/A	15,16	11,12	9,11
		11,16	N/A	N/A	8,12	12,12	15,17
		15.2,16	28,31.2	N/A	X,Y	11,12	20,21
QHRQCY	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
QJ6H6G	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
QJD6CN	PowerPlex® PP16 and PP16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
QJM7NW	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
QL8UTN	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
QMZJD6	COfiler® and Profiler Plus® , MiniFiler						
	4	NA	23,25	NA	15,16	11,12	9,11
		11,16	NA	NA	8,12	12	15,17
		NA	28,31.2	NA	X,Y	11,12	20,21
	NA	NA	NA	9,10	8,11	14,17	

TABLE 2

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

Item 4

QPCLGA	PowerPlex® 16 HS						
	4	-	-	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		-	28,31.2	-	X,Y	11,12	20,21
		9,13	11,15	-	9,10	8,11	14,17
QQ8W4J	PowerPlex® 16						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
QUWE33	PowerPlex® HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
QW268W	PowerPlex® 16						
	4	Not Tested	Not Tested	Not Tested	15,16	11,12	9,11
		11,16	Not Tested	Not Tested	8,12	12,12	15,17
		Not Tested	28,31.2	Not Tested	X,Y	11,12	20,21
		9,13	11,15	Not Tested	9,10	8,11	14,17
QY3WKX	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
QYDNK2	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
QZRCND	COfiler® and Profiler Plus® , MiniFiler						
	4	NA	23,25	NA	15,16	11,12	9,11
		11,16	NA	NA	8,12	12	15,17
		NA	28,31.2	NA	X,Y	11,12	20,21
		NA	NA	NA	9,10	8,11	14,17
R2ZAPE	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17

TABLE 2

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

Item 4

R3UZT9	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
R3XXCD	Identifiler® Plus, MiniFiler						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
R47Q3C	Identifiler® , SGM Plus						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
R7WBUW	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
R948F7	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
RAGL4F	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16	28,31.2		8,12	12	15,17
RAXVWG	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
RD8Q8Y	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21

TABLE 2

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

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RE4A4X	Identifiler®						
	4	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17
RH92RJ	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
RKELFJ	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
RKEP6N	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
RMGY6R	Identifiler®						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
RPQUJA	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
RQ7RFF	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
RWAAHT	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17

TABLE 2

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

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RZ6RLR	PowerPlex® 16-HS						
	4				15,16	11,12	9,11
		11,16			8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
T3VKA3	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
TB88AC	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
TDA3WK	PowerPlex® 21						
	4	11,15	23,25		15,16	11,12	9,11
		11,16		19,22	8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
TDEEHW	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
TEN4QU	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
TFFP94	Identifiler®						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
TGAFEJ	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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TGNG4L	Identifiler® Plus						
	4	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17
TJEYH7	Identifiler® Plus, MiniFiler						
	4	N/A	23,25	N/A	15,16	11,12	9,11
		11,16	N/A	N/A	8,12	12,12	15,17
		15.2,16	28,31.2	N/A	X,Y	11,12	20,21
		N/A	N/A	N/A	9,10	8,11	14,17
TKPH74	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
TL662H	PowerPlex® 21						
	4	11,15	23,25		15,16	11,12	9,11
		11,16		19,22	8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
TMFHRE	Identifiler® Plus & Identifiler						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
TMWQJU	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
TQWE6N	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
TTLLMZ	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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TV9F88	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
TWJRWJ	Identifiler® Identifiler Plus						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
TYQMMU	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
TZ2JUJ	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
U73Z46	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
U7RJ4T	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
U8ZTWP	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
U9C6JE	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17

TABLE 2

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

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UCBJ74	Globalfiler						
	4	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12,12	15,17
		15.2,16	28,31.2	15,15	X,Y	11,12	20,21
			29.2,30.2	9,10	8,11	14,17	
UCCQHJ	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
	9,13	11,15		9,10	8,11	14,17	
UD4ACH	PowerPlex® 16 HS						
	4	not tested	not tested	not tested	15,16	11,12	9,11
		11,16	not tested	not tested	8,12	12	15,17
		not tested	28,31.2	not tested	X,Y	11,12	20,21
	9,13	11,15	not tested	9,10	8,11	14,17	
UF9C9U	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
UFTJX	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
UFTL93	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
UG4VDF	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
	9,13	11,15		9,10	8,11	14,17	
UGNPXQ	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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UJAFZF	PowerPlex® PP16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
UKEAG9	Identifiler®						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21,*
ULF2NG	PowerPlex® 16 HS, PowerPlex® Fusion						
	4	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12	15,17
		15.2,16	28,31.2	15	X,Y	11,12	20,21
UMB6C3	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
UN2MG4	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
UNMG2E	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
UP2BVD	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
UP2P79	Identifiler® Plus, MiniFiler						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

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UV9AFY	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
UW3TJL	PowerPlex® HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
UWWR9J	COfiler® and Profiler Plus®						
	4				15,16	11,12	9,11
		11,16			8,12		15,17
			28,31.2		X,Y		20,21
							14,17
UXTRJH	PowerPlex® 21						
	4	11,15	23,25		15,16	11,12	9,11
		11,16		19,22	8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
V277UN	PowerPlex® 16						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
V6KYAV	PowerPlex® FUSION, NGM SElect						
	4	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12,12	15,17
		15.2,16	28,31.2	15,15	X,Y	11,12	20,21
		9,13	11,15	29.2,30.2	9,10	8,11	14,17
V7U93T	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
V9AZWX	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17

TABLE 2

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

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VA4TRF	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15,2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
VBDZQ3	Identifiler® Identifiler Plus						
	4	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12,12	15,17
		15,2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17
VBY3Q6	PowerPlex® 16						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
VC3AMW	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15,2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
VGX2VU	PowerPlex® 16						
	4	N/A	N/A	N/A	15,16	11,12	9,11
		11,16	N/A	N/A	8,12	12,12	15,17
		N/A	28,31.2	N/A	X,Y	11,12	20,21
		9,13	11,15	N/A	9,10	8,11	14,17
VGYJX4	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
VHJZGD	PowerPlex® ESX16						
	4	11,15	23,25	11,14	15,16		
		11,16	12,15	19,22		12	15,17
		15,2,16	28,31.2	15	X,Y		20,21
					9,10		14,17
VJQRGZ	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15,2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17

TABLE 2

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

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VL6RXZ	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
VLW9WJ	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
VQQYTZ	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
VQR4DX	Identifiler® Plus						
	4	NT	23,25	NT	15,16	11,12	9,11
		11,16	NT	NT	8,12	12,12	15,17
		15.2,16	28,31.2	NT	X,Y	11,12	20,21
VRBJ4Q	Identifiler® Plus						
	4	NT	23,25	NT	15,16	11,12	9,11
		11,16	NT	NT	8,12	12,12	15,17
		15.2,16	28,31.2	NT	X,Y	11,12	20,21
VW2KN8	Identifiler® Plus						
	4	NA	23,25	NA	15,16	11,12	9,11
		11,16	NA	NA	8,12	12,12	15,17
		15.2,16	28,31.2	NA	X,Y	11,12	20,21
W72A69	Identifiler® Plus, MiniFiler						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
W8TXA2	GlobalFiler						
	4	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12,12	15,17
		15.2,16	28,31.2	15,15	X,Y	11,12	20,21
			29.2,30.2	9,10	8,11	14,17	

TABLE 2

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

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W9MQ6K	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
WADH4R	Identifiler® Plus						
	4	--	23,25	--	15,16	11,12	9,11
		11,16	--	--	8,12	12,12	15,17
		15.2,16	28,31.2	--	X,Y	11,12	20,21
				9,10	8,11	14,17	
WAH8J3	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
WBCXNW	Identifiler® Plus						
	4	no profile	23,25	no profile	15,16	11,12	9,11
		11,16	no profile	no profile	8,12	12,12	15,17
		15.2,16	28,31.2	no profile	X,Y	11,12	20,21
		no profile	no profile	9,10	8,11	14,17	
WEBAN3	Globalfiler Casework						
	4	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12,12	15,17
		15.2,16	28,31.2	15,15	X,Y	11,12	20,21
			29.2,30.2	9,10	8,11	14,17	
WF6ZUG	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
WGFCHT	Identifiler®						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
WGH4BA	Identifiler® Plus						
	4	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	9,10	8,11	14,17	

TABLE 2

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

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WHP44Z	GlobalFiler						
	4	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12,12	15,17
		15.2,16	28,31.2	15,15	X,Y	11,12	20,21
			29.2,30.2	9,10	8,11	14,17	
WKF4M4	PowerPlex® 16						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
WLM67W	PowerPlex® HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
WMZRQW	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
WPD244	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
WPPZXD	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
WU4YM7	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
WVYHRR	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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WW9RDX	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
WWQKCM	PowerPlex® 16 HS						
	4		28,31.2		X,Y	11,12	20,21
		15.2,16			9,10	8,11	14,17
WWUM6U	Identifiler®						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
X2BVA6	COfiler® and Profiler Plus®						
	4		28,31.2		X,Y	11,12	20,21
		11,16			9,10	8,11	14,17
X3UEU4	PowerPlex® 16 HS						
	4		28,31.2		X,Y	11,12	20,21
		11,16			9,10	8,11	14,17
X6HK2Y	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
X9HYZ6	Identifiler®						
	4		28,31.2		X,Y	11,12	20,21
		15.2,16			9,10	8,11	14,17
XAAM8J	PowerPlex® 16 HS						
	4		28,31.2		X,Y	11,12	20,21
		11,16			9,10	8,11	14,17

TABLE 2

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

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XQEMTM	Identifiler® Identifiler Plus						
	4	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12,12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17
XX6UVU	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
XZAYD2	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
XZQLYK	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
Y3Q8AM	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
Y4J727	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
Y79F9M	PowerPlex® HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
	9,13	11,15		9,10	8,11	14,17	
Y7A7MH	Identifiler®						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

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YEKMYN	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
YFDE63	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
YFDMQ8	Identifiler® Plus						
	4	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
				9,10	8,11	14,17	
YFU3D3	PowerPlex® 16 HS						
	4	NA	NA	NA	15,16	11,12	9,11
		11,16	NA	NA	8,12	12	15,17
		NA	28,31.2	NA	X,Y	11,12	20,21
	9,13	11,15	NA	9,10	8,11	14,17	
YG7E3E	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
	9,13	11,15		9,10	8,11	14,17	
YGN6AD	Identifiler® Plus, PowerPlex® HS						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
	9,13	11,15		9,10	8,11	14,17	
YGQHPY	GlobalFiler						
	4	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12	15,17
		15.2,16	28,31.2	15	X,Y	11,12	20,21
			29.2,30.2	9,10	8,11	14,17	
YHLQM6	Identifiler® Plus, MiniFiler						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

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YKK8HL	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
YKRN3K	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
YMXG9Y	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
YNGVYT	PowerPlex® 16 HS, PowerPlex® ESX17						
	4	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12,12	15,17
		15.2,16	28,31.2	15,15	X,Y	11,12	20,21
		9,13	11,15	29.2,30.2	9,10	8,11	14,17
YQF8P9	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
YQXUQH	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
YT4EEH	Identifiler® Identifiler Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
YVU28Q	Identifiler®						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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YXEBG7	Identifiler® Plus						
	4	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17
YXJ9P3	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
YYUKEE	Identifiler® Plus, MiniFiler						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
Z3N27X	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
Z6ANYL	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
Z6VL6D	PowerPlex® 21						
	4	11,15	23,25		15,16	11,12	9,11
		11,16		19,22	8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
	9,13	11,15		9,10	8,11	14,17	
Z7MEPG	Identifiler®						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
Z8XU4V	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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ZA6CJY	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
ZAHA8Q	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
ZDM6L7	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
ZFWGEN	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
ZG9U4X	Identifiler®						
	4		23,25		15,16	11,12	9,11
		15.2,16	28,31.2		X,Y	11,12	20,21
ZJRH76	Identifiler® Plus						
	4	-	23,25	-	15,16	11,12	9,11
		15.2,16	28,31.2	-	X,Y	11,12	20,21
ZM6JUW	PowerPlex® 16						
	4	N/A	N/A	N/A	15,16	11,12	9,11
		9,13	11,15	N/A	9,10	8,11	14,17
ZN82DE	PowerPlex® PP16 HS						
	4				15,16	11,12	9,11
		9,13	11,15		9,10	8,11	14,17

TABLE 2

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

Item 4

ZNLXUX	Identifiler® Plus						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
ZQD47G	PowerPlex® Hot Start						
	4				15,16	11,12	9,11
		11,16			8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
ZTE69Z	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
ZTT42H	Identifiler®						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
ZUG3YH	PowerPlex® 16 HS						
	4				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
ZV93WT	Identifiler® Plus						
	4	not tested	23,25	not tested	15,16	11,12	9,11
		11,16	not tested	not tested	8,12	12,12	15,17
		15.2,16	28,31.2	not tested	X,Y	11,12	20,21
		not tested	not tested	not tested	9,10	8,11	14,17
ZWZGZX							
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
ZY9WMN	Identifiler®						
	4		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17

TABLE 2

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

Item 4

ZZ4K2D	PowerPlex® 21						
	4	11,15	23,25		15,16	11,12	9,11
		11,16		19,22	8,12	12,12	15,17
		15,2,16	28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17

TABLE 2

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

9JYM27	Identifiler®						
	4e		23,25		15,16	11,12	9,11
		11,16 15.2,16			8,12 X,Y 9,10	12,12 11,12 8,11	15,17 20,21 14,17
EPDAJR	Identifiler® Plus						
	4e		23,25		15,16	11,12	9,11
		11,16 15.2,16			8,12 X,Y 9,10	12 11,12 8,11	15,17 20,21 14,17
FUWWNG	PowerPlex® ESI 17 Pro and ESX						
	4e	11,15	23,25	11,14	15,16		
		11,16 15.2,16	12,15 28,31.2	19,22 15 29.2,30.2		12 X,Y 9,10	15,17 20,21 14,17
JLBWNM	Identifiler® Plus						
	4e		23,25		15,16	11,12	9,11
		11,16 15.2,16			8,12 X,Y 9,10	12 11,12 8,11	15,17 20,21 14,17
K7WZYR	Identifiler®						
	4e		23,25		15,16	11,12	9,11
		11,16 15.2,16			8,12 X,Y 9,10	12 11,12 8,11	15,17 20,21 14,17
Q66V6V	PowerPlex® Fusion, CS7						
	4e	11,15	23,25	11,14	15,16	11,12	9,11
		11,16 15.2,16 9,13	12,15 28,31.2 11,15	19,22 15,15	8,12 X,Y 9,10	12,12 11,12 8,11	15,17 20,21 14,17
TRRM4E	Identifiler® Plus						
	4e		23,25		15,16	11,12	9,11
		11,16 15.2,16			8,12 X,Y 9,10	12 11,12 8,11	15,17 20,21 14,17
ZQE783	Identifiler® Plus						
	4e		23,25		15,16	11,12	9,11
		11,16 15.2,16			8,12 X,Y 9,10	12,12 11,12 8,11	15,17 20,21 14,17

TABLE 2

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

Item 4sp

9JYM27	Identifiler®						
	4sp						
EPDAJR	Identifiler® Plus						
	4sp		NR		NR	NR	NR
		NR			NR	NR	NR
		NR	NR		NR	NR	NR
					NR	NR	NR
FUWWNG	PowerPlex® ESI 17 Pro and ESX						
	4sp	11,15	23,25	11,14	15,16		
		11,16	12,15	19,22		12	15,17
		15.2,16	28,31.2	15	X,Y		20,21
				29.2,30.2	9,10		14,17
JLBWNM	Identifiler® Plus						
	4sp		NR		NR	NR	NR
		16 ^			8 ^,12 ^	NR	NR
		NR	NR		NR	NR	NR
					10 ^	NR	14 ^
K7WZYR	Identifiler®						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
Q66V6V	PowerPlex® FUSION, CS7						
	4sp						
TRRM4E	Identifiler® Plus						
	4sp		NR		NR	NR	NR
		NR			NR	NR	NR
		NR	NR		NR	NR	NR
					NR	NR	NR
ZQE783	Identifiler® Plus						
	4sp		-		-	-	-
		-			-	-	-
		-	-		-	-	-
					-	-	-

Amplification Kit(s) & YSTR Results

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
Item 1									
22N8ZD	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16	-	-
		-	-	-	23	-	12	-	-
232X8W	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16	n/a	n/a
		n/a	n/a	n/a	23	n/a	12	n/a	n/a
24DG8T	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
24X977	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
28C3M4	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
2BU8BZ	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
2KECBK	PowerPlex Fusion 1	-	-	-	-	-	11	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
2PERVU	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16	NA	NA
		NA	NA	NA	23	NA	12	NA	NA
2YY2G3	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16	na	na
		na	na	na	23	na	12	na	na

TABLE 3

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

Item 1

32LQMZ	PowerPlex® Y 23	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	24	13
			13	18	20	23	10	12		
33ET4N	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
396JP6	PowerPlex® Y	1	15	11,14	13	28	23	11	13	13
			15	12	11					
3AZWYX	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
3FPLT2	PowerPlex® Y	1	15	11,14	13	28	23	11	13	13
			15	12	11					
3Q8V82	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
3WQ4NK	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
3X43VU	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
3XN8L3	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
42JHXD	PowerPlex® Y 23	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	24	13
			13	18	20	23	10	12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 1

47EG3B	1						11		
								2	
4AVLWY	Yfiler®								
	1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16	NA	NA
		NA	NA	NA	23	NA	12	NA	
4D8PCF	PowerPlex Fusion								
	1	-	-	-	-	-	11	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
4DUMPM	Yfiler®								
	1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
4F2FTF	PowerPlex® Y 23								
	1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16	24	13
		13	18	20	23	10	12		
4KCBTJ	Yfiler®								
	1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16	-	-
		-	-	-	23	-	12	-	
4M3KTD	PowerPlex® Y 23								
	1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16	24	13
		13	18	20	23	10	12		
4MHTUZ	Yfiler®								
	1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16	NA	NA
		NA	NA	NA	23	NA	12	NA	
4NDZ8Q	Yfiler®								
	1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
4NTTTF	PowerPlex® Y 23								
	1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16	24	13
		13	18	20	23	10	12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 1

4UKXPQ	PowerPlex® Y 23	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	24	13
			13	18	20	23	10	12		
4WJJ9G	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
4YPY98	PowerPlex® Y 23	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	24	13
			13	18	20	23	10	12		
62XYBY	PowerPlex® Y	1	15	11,14	13	28	23	11	13	13
			15	12	11					
638FG4	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
67TQJV	PowerPlex® Y	1	15	11,14	13	28	23	11	13	13
			15	12	11					
68YNM7	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
6929XD	PowerPlex® Y 23	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	24	13
			13	18	20	23	10	12		
6BW8N4	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
6EM98Y	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 1

6QW47V	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
6ZMPCT	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
76QF64	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
774WHH	PowerPlex® Y 23 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16	24	13
		13	18	20	23	10	12		
77A8EN	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
77Y9RK	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
79T4ZT	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
7HZXYR	GlobalFiler Express 1						11		
								2	
7LJVMH	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
7Y4ZN8	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 1

83NAEJ	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
86AZHA	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
889DY8	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16	-	-
		-	-	-	23	-	12	-	-
8JFKHK	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
8LBXK6	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
8NGFM8	PowerPlex® Y 23 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16	24	13
		13	18	20	23	10	12		
8T77NH	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
8WELP2	PowerPlex® Y 1	15	11,14	13	28	23	11	13	13
		15	12	11					
998ACN	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
9FJZM2	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16	-	-
		-	-	-	23	-	12	-	-

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 1

9J43FT	PowerPlex® Y 23	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	24	13
			13	18	20	23	10	12		
9MMXJK	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
9Q9NMA	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
9VYZFL	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
9WU448	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
9WUJJ8	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
9ZDGNV	PowerPlex® Y	1	15	11,14	13	28	23	11	13	13
			15	12	11					
A6JM72	PowerPlex® Y 23	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	24	13
			13	18	20	23	10	12		
A9GV7M		1						11		
									2	
AAVPVH	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	N/T	N/T
			N/T	N/T	N/T	23	N/T	12	N/T	

TABLE 3

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

Item 1

ABK44Z	PowerPlex® Y PP Y23	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	24	13
			13	18	20	23	10	12		
ACLVDU	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
AGUCN4	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
AP7D2R	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	NA	NA
			NA	NA	NA	23	NA	12	NA	
B38EC8	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
B6U77P	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	-	-
			-	-	-	23	-	12	-	
B7L74Z	PowerPlex® Y 23	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	24	13
			13	18	20	23	10	12		
B8EY4K	PowerPlex® Y 23	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	24	13
			13	18	20	23	10	12		
BB38RT	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
BCV8N4	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	-	-
			-	-	-	23	-	12	-	

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 1

BE64GM	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
BEG6L9	PowerPlex Fusion	1	-	-	-	-	-	11	-	-
			-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-
BJGBF8	PowerPlex® Y Fusion	1						11		
BJW8U6	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
BTMQBY	PowerPlex® Y	1	15	11,14	13	28	23	11	13	13
			15	12	11					
BUH9EK	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
BZ4F2E	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
C2N3H8	PowerPlex Fusion	1	-	-	-	-	-	11	-	-
			-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-
C8929F	PowerPlex® Y 23	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	24	13
			13	18	20	23	10	12		
CCRXCX	PowerPlex Fusion	1						11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 1

CFQF96	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
CR7TFD	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
CUAN22	PowerPlex® Y 1	15	11,14	13	28	23	11	13	13
		15	12	11					
CUCNBW	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
CVPNJ7	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
CWXC3	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
CY6HY3	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
CYM8JJ	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
CZFRYA	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16	-	-
		-	-	-	23	-	12	-	-
D8FY73	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 1

DECAN9	PowerPlex® Y 23	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16	24	13
		13	18	20	23	10	12		
DF3VGX	Yfiler®	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
DGZ9TB	Yfiler®	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
DJNJBB	Yfiler®	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
DK4JUJ	Yfiler®	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
DTT8P3	Yfiler®	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
DTWEMA	Yfiler®	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
DZTN3U	Yfiler®	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16	-	-
		-	-	-	23	-	12	-	-
DZZNBA	Yfiler®	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
E2LWMH	Yfiler®	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 1

E2LYDM	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
E3WRDG	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
E7HHG7	PowerPlex® Y 23	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	24	13
			13	18	20	23	10	12		
E9J8TT	PowerPlex® Y	1	15	11,14	13	28	23	11	13	13
			15	12	11					
EDEHP8	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	-	-
			-	-	-	23	-	12	-	
EGXDRY	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
ET7BHK	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
EV8HL6	PowerPlex Fusion	1	-	-	-	-	-	11	-	-
			-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-
EWQQ4R	PowerPlex® Y	1	15	11,14	13	28	23	11	13	13
			15	12	11					
EZWGJ3	PowerPlex® Y Y23	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	24	13
			13	18	20	23	10	12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 1

F6JW37	PowerPlex® Y 23	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	24	13
			13	18	20	23	10	12		
F7X4NM	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
FAEHE3	PowerPlex® Y 23	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	24	13
			13	18	20	23	10	12		
FC4QP4	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
FH76Z8	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
FJ89C2	PowerPlex® Y 23	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	24	13
			13	18	20	23	10	12		
FQFDLE	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
FUWWNG	PowerPlex® Y 23	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	24	13
			13	18	20	23	10	12		
FVFHJT	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
FWL38T	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 1

FXUFD9	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
FYP26E	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
G38FLL	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
G8HL6Y	PowerPlex® Y 23	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	24	13
			13	18	20	23	10	12		
GBKEBQ	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
GH4328	PowerPlex® Y 23	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	24	13
			13	18	20	23	10	12		
GHH7HY	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
GKLT6C	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
GKU9JH	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
GQX9YE	PowerPlex® Y 23	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	24	13
			13	18	20	23	10	12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 1

GV9TV8	1						11		
H9WMRD	Yfiler®								
	1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
HFA73K	Yfiler®								
	1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
HLXX78	Yfiler®								
	1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
HMJV3C	PowerPlex® Y 23								
	1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16	24	13
		13	18	20	23	10	12		
HQ7G6Y	Yfiler®								
	1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
HQBQ8X	Yfiler®								
	1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
HQWA7D	Yfiler®								
	1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16	NA	NA
		NA	NA	NA	23	NA	12	NA	
HWJ8H8	Yfiler®								
	1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
HXRC9N	Yfiler®								
	1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16	-	-
		-	-	-	23	-	12	-	

TABLE 3

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

Item 1

HYKTDB	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
HZGKF6	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	-	-
			-	-	-	23	-	12	-	
JHH46K	PowerPlex® Y	1	15	11,14	13	28	23	11	13	13
			15	12	11					
JJ3WF9	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
JKFJM3	PowerPlex Fusion	1	-	-	-	-	-	11	-	-
			-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-
JRKZT4	PowerPlex® Y 23	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	24	13
			13	18	20	23	10	12		
JRZCFE	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
K4BAV3	PowerPlex® Y 23	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	24	13
			13	18	20	23	10	12		
K66Z2G	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
K7WZYR	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 1

KJQ6F6	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
KPBCQH	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16	NA	NA
		NA	NA	NA	23	NA	12	NA	
KPN4JZ	PowerPlex® Y 23 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16	24	13
		13	18	20	23	10	12		
KVG4ZF	PowerPlex® Y 23 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16	24	13
		13	18	20	23	10	12		
KVF7WZ	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
KWA4XR	PowerPlex® Y Y23 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16	24	13
		13	18	20	23	10	12		
L4PXRN	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
L7E7Z4	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
L9FCEA	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16	NA	NA
		NA	NA	NA	23	NA	12	NA	
LDFLMQ	PowerPlex Fusion 1						11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 1

LE6R72	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
					23		12			
LMZTMF	PowerPlex® Y 23	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	24	13
			13	18	20	23	10	12		
LNVYXK	PowerPlex® Y	1	15	11,14	13	28	23	11	13	13
			15	12	11					
LQ2ZKX	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
LRC7D8	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
LRXW7R	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
M7PTNV	PowerPlex Fusion	1						11		
MDAJJ4	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
MKTYU	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
MUGDVQ	PowerPlex® Y	1	15	11,14	13	28	23	11	13	13
			15	12	11					

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel		
Item 1										
MY9W4V	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
MZ6ZNB	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
N7LGQR	PowerPlex® Y 23	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	24	13
			13	18	20	23	10	12		
N9BWU8	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	-	-
			-	-	-	23	-	12	-	
NGACTT	PowerPlex® Y 23	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	24	13
			13	18	20	23	10	12		
NGR2C9	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
NHYRV9	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
NXDEEJ	PowerPlex® Y	1	15	11,14	13	28	23	11	13	13
			15	12	11					
NZY6HA	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
P23RHE	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	NA	NA
			NA	NA	NA	23	NA	12	NA	

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 1

P8BLPA	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
P8WPBC	PowerPlex® Y 23	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	24	13
			13	18	20	23	10	12		
P97R43	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
P9YN7C	PowerPlex® Y 23	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	24	13
			13	18	20	23	10	12		
PCPQB6	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	-	-
			-	-	-	23	-	12	-	
PGK7T7	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
PHUX48	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
PR2TZL	PowerPlex® Y 23	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	24	13
			13	18	20	23	10	12		
PUQ4W7	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
PY66DQ	PowerPlex® Y Y23	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	24	13
			13	18	20	23	10	12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 1

Q3FLXE	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	-	-
			-	-	-	23	-	12	-	
Q66V6V	PowerPlex® Y 23	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	24	13
			13	18	20	23	10	12		
Q6MXZA	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
QEEB2V	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
QEMTE8	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
QHRQCY	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
QJM7NW	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
QL8UTN	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
QMZJD6	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	NA	NA
			NA	NA	NA	23	NA	12	NA	
QUWE33	PowerPlex® Y 23	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	24	13
			13	18	20	23	10	12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 1

QZRCND	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16	NA	NA
		NA	NA	NA	23	NA	12	NA	
R3UZT9	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
R3XXCD	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
R47Q3C	PowerPlex® Y 1	15	11,14	13	28	23	11	13	13
		15	12	11					
R7WBUW	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
RAXVWG	PowerPlex® Y 1	15	11,14	13	28	23	11	13	13
		15	12	11					
RD8Q8Y	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
RKELFJ	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
RKEP6N	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
RQ7RFF	PowerPlex® Y 1	15	11,14	13	28	23	11	13	13
		15	12	11					

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 1

RWAAHT	PowerPlex® Y 23	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	24	13
			13	18	20	23	10	12		
RWL6PT	PowerPlex Fusion	1	-	-	-	-	-	11	-	-
			-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-
RXUFHQ	PowerPlex Fusion	1	-	-	-	-	-	11	-	-
			-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-
TFFP94	PowerPlex® Y Y23	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	24	13
			13	18	20	23	10	12		
TGNG4L	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	-	-
			-	-	-	23	-	12	-	
TKPH74	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
TL662H	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
TQWE6N	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
TTLLMZ	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
TV9F88	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 1

TYQMMU	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
U73Z46	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
U8ZTWP	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
U9C6JE	PowerPlex® Y 1	15	11,14	13	28	23	11	13	13
		15	12	11					
UCBJ74	1						11		
								2	
UCCQHQ	PowerPlex® Y 23 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16	24	13
		13	18	20	23	10	12		
UF9C9U	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
UFTJX	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
UFTL93	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
UKEAG9	PowerPlex® Y 23 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16	24	13
		13	18	20	23	10	12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 1

ULF2NG	PowerPlex® Y 23	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	24	13
			13	18	20	23	10	12		
UMP9FM	PowerPlex Fusion	1	--	--	--	--	--	11	--	--
			--	--	--	--	--	--	--	--
			--	--	--	--	--	--	--	--
UP2P79	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
UW3TJL	PowerPlex® Y 23	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	24	13
			13	18	20	23	10	12		
UWWPJF	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	-	-
			-	-	-	23	-	12	-	
UWWR9J	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
V277UN	PowerPlex® Y 23	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	24	13
			13	18	20	23	10	12		
V6KYAV	PowerPlex® Y 23	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	24	13
			13	18	20	23	10	12		
V7U93T	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
VC3AMW	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 1

VLW9WJ	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
VQR4DX	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16	NT	NT
		NT	NT	NT	23	NT	12	NT	
W72A69	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
W8TXA2	GlobalFiler Express 1						11		
								2	
W9MQ6K	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
WBCXNW	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16	no profile	no profile
		no profile	no profile	no profile	23	no profile	12	no profile	
WEBAN3	Globalfiler Express 1						11		
								2	
WGFCHT	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
WGH4BA	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16	-	-
		-	-	-	23	-	12	-	
WHP44Z	GlobalFiler Express 1						11		
								2	

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 1

WLM67W	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
WW9RDX	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
X3UEU4	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
X6HK2Y	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
X9HYZ6	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
XFZMGT	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
XKWGP9	PowerPlex® Y 1	15	11,14	13	28	23	11	13	13
		15	12	11					
XQDR9W	PowerPlex® Y 23 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16	24	13
		13	18	20	23	10	12		
XUVW3K	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
XZAYD2	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 1

Y4J727	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
Y79F9M	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
Y7A7MH	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
YFDMQ8	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16	-	-
		-	-	-	23	-	12	-	-
YGN6AD	PowerPlex® Y 23 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16	24	13
		13	18	20	23	10	12		
YGQHPY	GlobalFiler Express 1						11		
								2	
YHLQM6	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
YNGVYT	PowerPlex® Y 23 1	15	11-14	13	28	23	11	13	13
		15	12	11	19	15	16	24	13
		13	18	20	23	10	12		
YQF8P9	PowerPlex® Y 1	15	11,14	13	28	23	11	13	13
		15	12	11					
YQXUQH	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
Item 1									
YXEBG7	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16	-	-
		-	-	-	23	-	12	-	
YYUKEE	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
Z3N27X	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
Z8XU4V	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
ZA6CJY	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
ZAHA8Q	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
ZDM6L7	PowerPlex® Y 1	15	11,14	13	28	23	11	13	13
		15	12	11					
ZFWGEN	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16		
					23		12		
ZG9U4X	PowerPlex® Y 23 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16	24	13
		13	18	20	23	10	12		
ZJRH76	Yfiler® 1	15	11,14	13	28	23	11	13	13
		15	12	11	19	15	16	-	-
		-	-	-	23	-	12	-	

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 1

ZN82DE	PowerPlex® Y PPY23	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	24	13
			13	18	20	23	10	12		
ZNLXUX	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
ZQE783	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
ZTT42H	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
ZUG3YH	PowerPlex® Y 23	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16	24	13
			13	18	20	23	10	12		
ZZ4K2D	Yfiler®	1	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 2									
22N8ZD	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	-	-
		-	-	-	23	-	11	-	
232X8W	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	n/a	n/a
		n/a	n/a	n/a	23	n/a	11	n/a	
24DG8T	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
24X977	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
28C3M4	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
2BU8BZ	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
2KECBK	PowerPlex Fusion 2	-	-	-	-	-	11	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
2PERVU	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	NA	NA
		NA	NA	NA	23	NA	11	NA	
2YY2G3	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	na	na
		na	na	na	23	na	11	na	
32LQMZ	PowerPlex® Y 23 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	22	12
		13	16	18	23	10	11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2

33ET4N	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
396JP6	PowerPlex® Y 2	14	11,15	14	31	24	11	15	13
		15	12	14					
3AZWYX	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
3FPLT2	PowerPlex® Y 2	14	11,15	14	31	24	11	15	13
		15	12	14					
3Q8V82	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
3WQ4NK	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
3X43VU	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
3XN8L3	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
42JHXD	PowerPlex® Y 23 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	22	12
		13	16	18	23	10	11		
47EG3B	2						11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2

4AVLWY	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	NA	NA
		NA	NA	NA	23	NA	11	NA	
4D8PCF	PowerPlex Fusion 2	-	-	-	-	-	11	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
4DUMPM	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
4F2FTF	PowerPlex® Y 23 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	22	12
		13	16	18	23	10	11		
4KCBTJ	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	-	-
		-	-	-	23	-	11	-	
4M3KTD	PowerPlex® Y 23 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	22	12
		13	16	18	23	10	11		
4MHTUZ	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	NA	NA
		NA	NA	NA	23	NA	11	NA	
4NDZ8Q	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
4NTTTT	PowerPlex® Y 23 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	22	12
		13	16	18	23	10	11		
4UKXPQ	PowerPlex® Y 23 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	22	12
		13	16	18	23	10	11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2

4WJJ9G	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
4YPY98	PowerPlex® Y 23 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	22	12
		13	16	18	23	10	11		
62XYBY	PowerPlex® Y 2	14	11,15	14	31	24	11	15	13
		15	12	14					
638FG4	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
67TQJV	PowerPlex® Y 2	14	11,15	14	31	24	11	15	13
		15	12	14					
68YNM7	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
6929XD	PowerPlex® Y 23 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	22	12
		13	16	18	23	10	11		
6BW8N4	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
6EM98Y	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
6QW47V	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2

6ZMPCT	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
76QF64	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
774WHH	PowerPlex® Y 23 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	22	12
		13	16	18	23	10	11		
77A8EN	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
77Y9RK	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
79T4ZT	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
7HZXYR	GlobalFiler Express 2						11		
								2	
7LJVMH	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
7Y4ZN8	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
83NAEJ	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2

86AZHA	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
889DY8	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	-	-
		-	-	-	23	-	11	-	
8JFKHK	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
8LBXK6	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
8NGFM8	PowerPlex® Y 23 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	22	12
		13	16	18	23	10	11		
8T77NH	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
8WELP2	PowerPlex® Y 2	14	11,15	14	31	24	11	15	13
		15	12	14					
998ACN	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
9FJZM2	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	-	-
		-	-	-	23	-	11	-	
9J43FT	PowerPlex® Y 23 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	22	12
		13	16	18	23	10	11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2

9MMXJK	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
9Q9NMA	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
9VYZFL	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
9WU448	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
9WUJJ8	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
9ZDGNV	PowerPlex® Y 2	14	11,15	14	31	24	11	15	13
		15	12	14					
A6JM72	PowerPlex® Y 23 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	22	12
		13	16	18	23	10	11		
A9GV7M	2						11		
								2	
AAVPVH	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	N/T	N/T
		N/T	N/T	N/T	23	N/T	11	N/T	
ABK44Z	PowerPlex® Y PP Y23 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	22	12
		13	16	18	23	10	11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2

ACLVDU	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
AGUCN4	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
AP7D2R	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	NA	NA
		NA	NA	NA	23	NA	11	NA	
B38EC8	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
B6U77P	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	-	-
		-	-	-	23	-	11	-	
B7L74Z	PowerPlex® Y 23 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	22	12
		13	16	18	23	10	11		
B8EY4K	PowerPlex® Y 23 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	22	12
		13	16	18	23	10	11		
BB38RT	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
BCV8N4	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	-	-
		-	-	-	23	-	11	-	
BE64GM	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2

BEG6L9	PowerPlex Fusion								
	2	-	-	-	-	-	11	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
BJGBF8	PowerPlex® Y Fusion								
	2						11		
BJW8U6	Yfiler®								
	2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
BTMQBY	PowerPlex® Y								
	2	14	11,15	14	31	24	11	15	13
		15	12	14					
BUH9EK	Yfiler®								
	2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
BZ4F2E	Yfiler®								
	2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
C2N3H8	PowerPlex Fusion								
	2	-	-	-	-	-	11	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
C8929F	PowerPlex® Y 23								
	2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	22	12
		13	16	18	23	10	11		
CCRXCX	PowerPlex Fusion								
	2						11		
CFQF96	Yfiler®								
	2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2

CR7TFD	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
CUAN22	PowerPlex® Y 2	14	11,15	14	31	24	11	15	13
		15	12	14					
CUCNBW	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
CVPNJ7	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
CWXXC3	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
CY6HY3	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
CYM8JJ	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
CZFRYA	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	-	-
		-	-	-	23	-	11	-	-
D8FY73	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
DECAN9	PowerPlex® Y 23 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	22	12
		13	16	18	23	10	11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2

DF3VGX	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
DGZ9TB	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
DJNJB	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
DK4JUJ	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
DTT8P3	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
DTWEMA	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
DZTN3U	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	-	-
		-	-	-	23	-	11	-	-
DZZNBA	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
E2LWMH	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
E2LYDM	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2

E3WRDG	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
E7HHG7	PowerPlex® Y 23 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	22	12
		13	16	18	23	10	11		
E9J8TT	PowerPlex® Y 2	14	11,15	14	31	24	11	15	13
		15	12	14					
EDEHP8	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	-	-
		-	-	-	23	-	11	-	-
EGXDRY	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
ET7BHK	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
EV8HL6	PowerPlex Fusion 2	-	-	-	-	-	11	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
EWQQ4R	PowerPlex® Y 2	14	11,15	14	31	24	11	15	13
		15	12	14					
EZWGJ3	PowerPlex® Y Y23 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	22	12
		13	16	18	23	10	11		
F6JW37	PowerPlex® Y 23 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	22	12
		13	16	18	23	10	11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2

F7X4NM	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18		
						23		11		
FAEHE3	PowerPlex® Y 23	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18	22	12
			13	16	18	23	10	11		
FC4QP4	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18		
						23		11		
FH76Z8	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18		
						23		11		
FJ89C2	PowerPlex® Y 23	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18	22	12
			13	16	18	23	10	11		
FQFDLE	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18		
						23		11		
FUWWNG	PowerPlex® Y 23	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18	22	12
			13	16	18	23	10	11		
FVFHJT	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18		
						23		11		
FWL38T	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18		
						23		11		
FXUFD9	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18		
						23		11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2

FYP26E	Yfiler®								
	2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
G38FLL	Yfiler®								
	2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
G8HL6Y	PowerPlex® Y 23								
	2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	22	12
		13	16	18	23	10	11		
GBKEBQ	Yfiler®								
	2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
GH4328	PowerPlex® Y 23								
	2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	22	12
		13	16	18	23	10	11		
GHH7HY	Yfiler®								
	2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
GKLT6C	Yfiler®								
	2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
GKU9JH	Yfiler®								
	2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
GQX9YE	PowerPlex® Y 23								
	2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	22	12
		13	16	18	23	10	11		
GV9TV8									
	2						11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2

H9WMRD	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
HFA73K	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
HLXX78	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
HMJV3C	PowerPlex® Y 23 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	22	12
		13	16	18	23	10	11		
HQ7G6Y	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
HQBQ8X	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
HQWA7D	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	NA	NA
		NA	NA	NA	23	NA	11	NA	
HWJ8H8	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
HXRC9N	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	-	-
		-	-	-	23	-	11	-	
HYKTDB	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2

HZGKF6	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18	-	-
			-	-	-	23	-	11	-	
JHH46K	PowerPlex® Y	2	14	11,15	14	31	24	11	15	13
			15	12	14					
JJ3WF9	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18		
						23		11		
JKFJM3	PowerPlex Fusion	2	-	-	-	-	-	11	-	-
			-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-
JRKZT4	PowerPlex® Y 23	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18	22	12
			13	16	18	23	10	11		
JRZCFE	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18		
						23		11		
K4BAV3	PowerPlex® Y 23	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18	22	12
			13	16	18	23	10	11		
K66Z2G	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18		
						23		11		
K7WZYR	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18		
						23		11		
KPBCQH	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18	NA	NA
			NA	NA	NA	23	NA	11	NA	

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2

KPN4JZ	PowerPlex® Y 23	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18	22	12
			13	16	18	23	10	11		
KVG4ZF	PowerPlex® Y 23	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18	22	12
			13	16	18	23	10	11		
KWFVZ	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18		
						23		11		
KWA4XR	PowerPlex® Y Y23	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18	22	12
			13	16	18	23	10	11		
L4PXRN	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18		
						23		11		
L7E7Z4	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18		
						23		11		
L9FCEA	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18	NA	NA
			NA	NA	NA	23	NA	11	NA	
LDFLMQ	PowerPlex Fusion	2						11		
LE6R72	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18		
						23		11		
LMZTMF	PowerPlex® Y 23	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18	22	12
			13	16	18	23	10	11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2

LNVYXK	PowerPlex® Y	2	14	11,15	14	31	24	11	15	13
			15	12	14					
LQ2ZKX	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18		
						23		11		
LRC7D8	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18		
						23		11		
LRXW7R	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18		
						23		11		
M7PTNV	PowerPlex Fusion	2						11		
MDAJJ4	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18		
						23		11		
MKTYYU	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18		
						23		11		
MUGDVQ	PowerPlex® Y	2	14	11,15	14	31	24	11	15	13
			15	12	14					
MY9W4V	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18		
						23		11		
MZ6ZNB	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18		
						23		11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2

N7LGQR	PowerPlex® Y 23	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18	22	12
			13	16	18	23	10	11		
N9BWU8	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18	-	-
			-	-	-	23	-	11	-	
NGACTT	PowerPlex® Y 23	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18	22	12
			13	16	18	23	10	11		
NGR2C9	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18		
						23		11		
NHYRV9	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18		
						23		11		
NXDEEJ	PowerPlex® Y	2	14	11,15	14	31	24	11	15	13
			15	12	14					
NZY6HA	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18		
						23		11		
P23RHE	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18	NA	NA
			NA	NA	NA	23	NA	11	NA	
P8BLPA	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18		
						23		11		
P8WPBC	PowerPlex® Y 23	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18	22	12
			13	16	18	23	10	11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2

P9YN7C	PowerPlex® Y 23	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18	22	12
			13	16	18	23	10	11		
PCPQB6	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18	-	-
			-	-	-	23	-	11	-	
PGK7T7	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18		
						23		11		
PHUX48	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18		
						23		11		
PR2TZL	PowerPlex® Y 23	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18	22	12
			13	16	18	23	10	11		
PUQ4W7	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18		
						23		11		
PY66DQ	PowerPlex® Y Y23	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18	22	12
			13	16	18	23	10	11		
Q3FLXE	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18	-	-
			-	-	-	23	-	11	-	
Q66V6V	PowerPlex® Y 23	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18	22	12
			13	16	18	23	10	11		
Q6MXZA	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18		
						23		11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
Item 2									
QEEB2V	Yfiler®								
	2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
QEMTE8	Yfiler®								
	2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
QHRQCY	Yfiler®								
	2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
QJM7NW	Yfiler®								
	2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
QL8UTN	Yfiler®								
	2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
QMZJD6	Yfiler®								
	2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	NA	NA
		NA	NA	NA	23	NA	11	NA	
QUWE33	PowerPlex® Y 23								
	2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	22	12
		13	16	18	23	10	11		
QZRCND	Yfiler®								
	2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	NA	NA
		NA	NA	NA	23	NA	11	NA	
R3UZT9	Yfiler®								
	2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
R3XXCD	Yfiler®								
	2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2

R47Q3C	PowerPlex® Y	2	14	11,15	14	31	24	11	15	13
			15	12	14					
R7WBUW	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18		
						23		11		
RAXVWG	PowerPlex® Y	2	14	11,15	14	31	24	11	15	13
			15	12	14					
RD8Q8Y	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18		
						23		11		
RKELFJ	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18		
						23		11		
RKEP6N	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18		
						23		11		
RQ7RFF	PowerPlex® Y	2	14	11,15	14	31	24	11	15	13
			15	12	14					
RWAHT	PowerPlex® Y 23	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18	22	12
			13	16	18	23	10	11		
RWL6PT	PowerPlex Fusion	2	-	-	-	-	-	11	-	-
			-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-
RXUFHQ	PowerPlex Fusion	2	-	-	-	-	-	11	-	-
			-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2

TFFP94	PowerPlex® Y Y23	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	22	12
		13	16	18	23	10	11		
TGNG4L	Yfiler®	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	-	-
		-	-	-	23	-	11	-	
TKPH74	Yfiler®	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
TL662H	Yfiler®	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
TQWE6N	Yfiler®	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
TLLMZ	Yfiler®	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
TV9F88	Yfiler®	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
TYQMMU	Yfiler®	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
U73Z46	Yfiler®	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
U8ZTWP	Yfiler®	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2

U9C6JE	PowerPlex® Y								
	2	14	11,15	14	31	24	11	15	13
		15	12	14					
UCBJ74	2						11		
								2	
UCCQHQ	PowerPlex® Y 23								
	2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	22	12
		13	16	18	23	10	11		
UF9C9U	Yfiler®								
	2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
UFTJJX	Yfiler®								
	2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
UFTL93	Yfiler®								
	2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
UKEAG9	PowerPlex® Y 23								
	2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	22	12
		13	16	18	23	10	11		
ULF2NG	PowerPlex® Y 23								
	2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	22	12
		13	16	18	23	10	11		
UMP9FM	PowerPlex Fusion								
	2	--	--	--	--	--	11	--	--
		--	--	--	--	--	--	--	--
		--	--	--	--	--	--	--	--
UP2P79	Yfiler®								
	2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2

UW3TJL	PowerPlex® Y 23	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18	22	12
			13	16	18	23	10	11		
UWWPJF	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18	-	-
			-	-	-	23	-	11	-	
UWWR9J	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18		
						23		11		
V277UN	PowerPlex® Y 23	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18	22	12
			13	16	18	23	10	11		
V6KYAV	PowerPlex® Y 23	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18	22	12
			13	16	18	23	10	11		
V7U93T	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18		
						23		11		
VC3AMW	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18		
						23		11		
VLW9WJ	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18		
						23		11		
VQR4DX	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18	NT	NT
			NT	NT	NT	23	NT	11	NT	
W72A69	Yfiler®	2	14	11,15	14	31	24	11	15	13
			15	12	14	19	16	18		
						23		11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2

W8TXA2	GlobalFiler Express								
	2						11		
								2	
W9MQ6K	Yfiler®								
	2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
WBCXNW	Yfiler®								
	2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	no profile	no profile
		no profile	no profile	no profile	23	no profile	11	no profile	
WEBAN3	Globalfiler Express								
	2						11		
								2	
WGFCHT	Yfiler®								
	2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
WGH4BA	Yfiler®								
	2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	-	-
		-	-	-	23	-	11	-	
WHP44Z	GlobalFiler Express								
	2						11		
								2	
WLM67W	Yfiler®								
	2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
WW9RDX	Yfiler®								
	2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
X3UEU4	Yfiler®								
	2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2

X6HK2Y	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
X9HYZ6	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
XFZMGT	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
XKWGP9	PowerPlex® Y 2	14	11,15	14	31	24	11	15	13
		15	12	14					
XQDR9W	PowerPlex® Y 23 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	22	12
		13	16	18	23	10	11		
XUVW3K	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
XZAYD2	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
Y4J727	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
Y79F9M	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
Y7A7MH	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2

YFDMQ8	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	-	-
		-	-	-	23	-	11	-	-
YGN6AD	PowerPlex® Y 23 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	22	12
		13	16	18	23	10	11		
YGQHPY	GlobalFiler Express 2						11		
								2	
YHLQM6	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
YNGVYT	PowerPlex® Y 23 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	22	12
		13	16	18	23	10	11		
YQF8P9	PowerPlex® Y 2	14	11,15	14	31	24	11	15	13
		15	12	14					
YQXUQH	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
YXEBC7	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	-	-
		-	-	-	23	-	11	-	-
YYUKEE	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
Z3N27X	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2

Z8XU4V	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
ZA6CJY	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
ZAHA8Q	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
ZDM6L7	PowerPlex® Y 2	14	11,15	14	31	24	11	15	13
		15	12	14					
ZFWGEN	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
ZG9U4X	PowerPlex® Y 23 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	22	12
		13	16	18	23	10	11		
ZJRH76	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	-	-
		-	-	-	23	-	11	-	-
ZN82DE	PowerPlex® Y PPY23 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	22	12
		13	16	18	23	10	11		
ZNLXUX	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
ZQE783	Yfiler® 2	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2

ZTT42H	Yfiler®	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		
ZUG3YH	PowerPlex® Y Y23	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18	22	12
		13	16	18	23	10	11		
ZZ4K2D	Yfiler®	14	11,15	14	31	24	11	15	13
		15	12	14	19	16	18		
					23		11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3

24DG8T	Yfiler®								
	3	14,15 15	11,13,14 12	13 11,13	28,29 18,19 23	23,24 15,16	11 16,17 12	13,14	13
2YY2G3	Yfiler®								
	3	inc inc na	inc inc na	inc inc na	inc inc inc	inc inc na	inc inc inc	inc na na	inc na
77Y9RK	Yfiler®								
	3	14,15 15	11,13,14 12	13 11,13	28,29 18,19 23	23,24 15,16	11 16,17 12	13,14	13
8JFKHK	Yfiler®								
	3	14,15 15	11,13,14 12	13 11,13	28,29 18,19 23	23,24 15,16	11 16,17 12	13,14	13
8T77NH	Yfiler®								
	3	14,15 15	11,13,14 12	13 11,13	28,29 18,19 23	23,24 15,16	11 16,17 12	13,14	13
9VYZFL	Yfiler®								
	3	14,15 15	11,13,14 12	13 11,13	28,29 18,19 23	23,24 15,16	11 16,17 12	13,14	13
B8EY4K	PowerPlex® Y 23								
	3	14,15 15 12,13	11,13,14 12 17,18	13,14 11,13 18,20	28,29 18,19 23	23,24 15,16 10	11 16,17 12	13,14 24	13 13
DK4JUJ	Yfiler®								
	3	14,15 15	11,13,14 12	13 11,13	28,29 18,19 23	23,24 15,16	11 16,17 12	13,14	13
E2LYDM	Yfiler®								
	3	14,[15] 15	11,13,[14] 12	13 [11],13	[28],29 18,[19] 23	[23],24 [15],16	11 [16],17 12	[13],14	13
FQFDLE	Yfiler®								
	3	14,15 15	11,13,14 12	13 11,13	28,29 18,19 23	23,24 15,16	11 16,17 12	13,14	13

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3

FXUFD9	Yfiler®								
	3	14,15 15	11,13,14 12	13 11,13	28,29 18,19 23	23,24 15,16	11 16,17 12	13,14	13
HMJV3C	PowerPlex® Y 23								
	3	14,[15] 15 12,[13]	11,13,[14] 12 17,[18]	13 [11],13 18,[20]	[28],29 18,[19] 23	[23],24 [15],16 10	11 [16],17 12	[13],14 24	13 13
HQWA7D	Yfiler®								
	3	inc inc NA	inc inc NA	inc inc NA	inc inc inc	inc inc NA	inc inc inc	inc NA NA	inc NA NA
JJ3WF9									
	3	14,15 15	11,13,14 12	13 11,13	28,29 18,19 23	23,24 15,16	11 16,17 12	13,14	13
K4BAV3	PowerPlex® Y 23								
	3	14,15 15 12,13	11,13,14 12 17,18	13 11,13 18,20	28,29 18,19 23	23,24 15,16 10	11 16,17 12	13,14 24	13 13
L9FCEA	Yfiler®								
	3	INC INC NA	INC INC NA	INC INC NA	INC INC INC	INC INC NA	INC INC INC	INC NA NA	INC NA NA
QMZJD6	Yfiler®								
	3	INC INC NA	INC INC NA	INC INC NA	INC INC INC	INC INC NA	INC INC INC	INC NA NA	INC NA NA
RD8Q8Y	Yfiler®								
	3	14,15 15	11,13,14 12	13 11,13	28,29 18,19 23	23,24 15,16	11 16,17 12	13,14	13
V7U93T	Yfiler®								
	3	14,15 15	11,13,14 12	13 11,13	28,29 18,19 23	23,24 15,16	11 16,17 12	13,14	13
VC3AMW	Yfiler®								
	3	14,[15] 15	11,13,[14] 12	13 [11],13	[28],29 18,[19] 23	[23],24 [15],16	11 [16],17 12	[13],14	13

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3

WLM67W	Yfiler® 3	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
					23		12		
Y79F9M	Yfiler® 3	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
					23		12		
ZAHA8Q	Yfiler® 3	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
					23		12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3e

22N8ZD	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	-	-
		-	-	-	23	-	12	-	
232X8W	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	n/a	n/a
		n/a	n/a	n/a	23	n/a	12	n/a	
24X977	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23		12			
28C3M4	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23		12			
2BU8BZ	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23		12			
32LQMZ	PowerPlex® Y 23								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	24	13
		12,13	17,18	18,20	23	10	12		
396JP6	PowerPlex® Y								
	3e								
3AZWYX	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23		12			
3FPLT2	PowerPlex® Y								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13					
3Q8V82	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23		12			

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3e

3WQ4NK	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,[19]	15,16	16,17		
				23			12		
3X43VU	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23			12		
3XN8L3	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23			12		
42JHXD	PowerPlex® Y 23								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	24	13
		12,13	17,18	18,20	23	10	12		
47EG3B	3e						11		
								2	
4DUMPM	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23			12		
4F2FTF	PowerPlex® Y 23								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	24	13
		12,13	17,18	18,20	23	10	12		
4KCBTJ	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	-	-
		-	-	-	23	-	12	-	
4M3KTD	PowerPlex® Y 23								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	24	13
		12,13	17,18	18,20	23	10	12		
4NDZ8Q	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23			12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3e

4NTTTF	PowerPlex® Y 23								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	24	13
		12,13	17,18	18,20	23	10	12		
4UKXPQ	PowerPlex® Y 23								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	24	13
		12,13	17,18	18,20	23	10	12		
62XYBY	PowerPlex® Y								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13					
638FG4	Yfiler®								
	3e	14,15	11,13,[14]	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23		12			
67TQJV	PowerPlex® Y								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13					
6929XD	PowerPlex® Y 23								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	24	13
		12,13	17,18	18,20	23	10	12		
6EM98Y	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23		12			
6QW47V	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23		12			
6ZMPCT	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23		12			
76QF64	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23		12			

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3e

774WHH	PowerPlex® Y 23								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	24	13
		12,13	17,18	18,20	23	10	12		
77A8EN	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23		12			
79T4ZT	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23		12			
7HZYR	GlobalFiler								
	3e						11		
								2	
7LJVMH	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23		12			
7Y4ZN8	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23		12			
83NAEJ	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23		12			
86AZHA	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23		12			
889DY8	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	-	-
		-	-	-	23	-	12	-	
8LBXK6	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23		12			

TABLE 3

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

Item 3e

8NGFM8	PowerPlex® Y 23								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	24	13
		12,13	17,18	18,20	23	10	12		
8WELP2	PowerPlex® Y								
	3e								
998ACN	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,[12^],13	18,19	15,16	16,17		
				23		12			
9J43FT	PowerPlex® Y 23								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	24	13
		12,13	17,18	18,20	23	10	12		
9MMXJK	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23		12			
9Q9NMA	Yfiler®								
	3e								
					not tested				
9WU448	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23		12			
9WUJJ8	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23		12			
9ZDGNV	PowerPlex® Y								
	3e	14,[15]	11,13,14	13	[28],29	[23],24	11	[13],14	13
		15	12	[11],13					
A6JM72	PowerPlex® Y 23								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	24	13
		12,13	17,18	18,20	23	10	12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3e

A9GV7M	3e						11		
								2	
AAVPVH	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	N/T	N/T
		N/T	N/T	N/T	23	N/T	12	N/T	
ACLVDU	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
					23		12		
AGUCN4	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
					23		12		
AP7D2R	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	NA	NA
		NA	NA	NA	23	NA	12	NA	
B38EC8	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
					23		12		
B6U77P	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	-	-
		-	-	-	23	-	12	-	
B7L74Z	PowerPlex® Y 23								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	24	13
		12,13	17,18	18,20	23	10	12		
BB38RT	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
					23		12		
BCV8N4	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	-	-
		-	-	-	23	-	12	-	

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3e

BE64GM	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
					23		12		
BJGBF8	PowerPlex® Y Fusion								
	3e						11		
BJW8U6	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
					23		12		
BTMQBY	PowerPlex® Y								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13					
BUH9EK	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
					23		12		
BZ4F2E	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
					23		12		
C8929F	PowerPlex® Y 23								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	24	13
		12,13	17,18	18,20	23	10	12		
CCRXCX	PowerPlex Fusion								
	3e						11		
CFQF96	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
					23		12		
CR7TFD	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
					23		12		

TABLE 3

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

Item 3e

CUAN22	PowerPlex® Y								
	3e	14,15 15	11,13,14 12	13 11,13	28,29	23,24	11	13,14	13
CUCNBW	Yfiler®								
	3e	14,15 15	11,13,14 12	13 11,13	28,29 18,19 23	23,24 15,16	11 16,17 12	13,14	13
CVPNJ7	Yfiler®								
	3e	14,15 15	11,13,14 12	13 11,13	28,29 18,19 23	23,24 15,16	11 16,17 12	13,14	13
CWXC3	Yfiler®								
	3e	14,15 15	11,13,14 12	13 11,13	28,29 18,19 23	23,24 15,16	11 16,17 12	13,14	13
CY6HY3	Yfiler®								
	3e	14,15 15	11,13,14 12	13 11,13	28,29 18,19 23	23,24 15,16	11 16,17 12	13,14	13
CYM8JJ	Yfiler®								
	3e	14,15 15	11,13,14 12	13 11,13	28,29 18,19 23	23,24 15,16	11 16,17 12	13,14	13
CZFRYA	Yfiler®								
	3e	14,15 15	11,13,[14] 12	13 11,[12],13	28,29 18,[19] 23	23,24 15,16	11 16,17 12	13,14 -	13 -
		-	-	-		-		-	
D8FY73	Yfiler®								
	3e	14,15 15	11,13,14 12	13 11,13	28,29 18,19 23	23,24 15,16	11 16,17 12	13,14	13
DECAN9	PowerPlex® Y 23								
	3e	14,15 15	11,13,14 12	13 11,13	28,29 18,19 23	23,24 15,16 10	11 16,17 12	13,14 24	13 13
		12,13	17,18	18,20					
DGZ9TB	Yfiler®								
	3e	14,15 15	11,13,14 12	13 11,13	28,29 18,19 23	23,24 15,16	11 16,17 12	13,14	13

TABLE 3

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

Item 3e

DJNJBB	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
					23		12		
DTT8P3	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
					23		12		
DTWEMA	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
					23		12		
DZTN3U	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	-	-
					23		12		
DZZNBA	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
					23		12		
E2LWMH	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
					23		12		
E3WRDG	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
					23		12		
E7HHG7	PowerPlex® Y 23								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	24	13
		12,13	17,18	18,20	23	10	12		
E9J8TT	PowerPlex® Y								
	3e								
EDEHP8	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	-	-
					23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel		
Item 3e										
EGXDRY	Yfiler®	3e	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
					23		12			
ET7BHK	Yfiler®	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
			15	12	11,13	18,19	15,16	16,17		
					23		12			
EWQQ4R	PowerPlex® Y	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
			15	12	11,13					
EZWGJ3	PowerPlex® Y Y23	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
			15	12	11,13	18,19	15,16	16,17	24	13
			12,13	17,18	18,20	23	10	12		
F6JW37	PowerPlex® Y 23	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
			15	12	11,13	18,19	15,16	16,17	24	13
			12,13	17,18	18,20	23	10	12		
F7X4NM	Yfiler®	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
			15	12	11,13	18,19	15,16	16,17		
					23		12			
FAEHE3	PowerPlex® Y 23	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
			15	12	11,13	18,19	15,16	16,17	24	13
			12,13	17,18	18,20	23	10	12		
FC4QP4	Yfiler®	3e	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
					23		12			
FH76Z8	Yfiler®	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
			15	12	11,13	18,19	15,16	16,17		
					23		12			
FUWWNG	PowerPlex® Y 23	3e	14,15	11,[13],[14]	13	28,29	23,24	11	13,14	13
			15	12	11,13	18,19	15,16	16,17	24	13
			12,13	17,18	18,20	23	10	12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3e

FVFHJT	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
					23		12		
FWL38T	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
					23		12		
FYP26E	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
					23		12		
G38FLL	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
					23		12		
G8HL6Y	PowerPlex® Y 23								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	24	13
		12,13	17,18	18,20	23	10	12		
GBKEBQ	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
					23		12		
GH4328	PowerPlex® Y 23								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	24	13
		12,13	17,18	18,20	23	10	12		
GHH7HY	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
					23		12		
GKLT6C	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
					23		12		
GKU9JH	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
					23		12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3e

GQX9YE	PowerPlex® Y 23								
	3e	14,15	11,13,14	13	28,29	[23],24	11	13,14	13
		15	12	[11],13	18,19	15,16	16,17	24	13
		12,13	17,[18]	18,[20]	23	10	12		
GV9TV8									
	3e						11		
H9WMRD	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23			12		
HFA73K	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23			12		
HLXX78	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23			12		
HQ7G6Y	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23			12		
HQBQ8X	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23			12		
HWJ8H8	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23			12		
HXRC9N	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	-	-
		-	-	-	23	-	12	-	
HYKTDB	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23			12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 3e									
HZGKF6	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	-	-
		-	-	-	23	-	12	-	
JHH46K	PowerPlex® Y								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13					
JRKZT4	PowerPlex® Y 23								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	24	13
		12,13	17,18	18,20	23	10	12		
JRZCFE	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23		12			
K66Z2G	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23		12			
K7WZYR	Yfiler®								
	3e								
KPBCQH	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	NA	NA
		NA	NA	NA	23	NA	12	NA	
KPN4JZ	PowerPlex® Y 23								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	24	13
		12,13	17,18	18,20	23	10	12		
KVG4ZF	PowerPlex® Y 23								
	3e	[14],15	11,[13],[14]	13	28,[29]	23,[24]	11	13,[14]	13
		15	12	11,[13]	[18],19	15,[16]	16,[17]	24	13
		[12],13	17,18	[18],20	23	10	12		
KWFVWZ	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23		12			

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3e

KWA4XR	PowerPlex® Y Y23								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	24	13
		12,13	17,18	18,20	23	10	12		
L4PXRN	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23		12			
L7E7Z4	Yfiler®								
	3e	[14],15	11,[13],14	13	28,[29]	23,24	11	13,[14]	13
		15	12	11,13	[18],19	15,16	16,[17]		
				23		12			
LDFLMQ	PowerPlex Fusion								
	3e						11		
LE6R72	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23		12			
LMZTMF	PowerPlex® Y 23								
	3e	14,15	11,[13],14	13	28,[29]	23,[24]	11	13,[14]	13
		15	12	11,[13]	18,19	15,16	16,[17]	24	13
		[12],13	[17],18	18,20	23	10	12		
LNVYXK	PowerPlex® Y								
	3e	14,(15)	11,13,(14)	13	(28),29	(23),24	11	(13),14	13
		15	12	(11),13					
LQ2ZKX	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23		12			
LRC7D8	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23		12			
LRXW7R	Yfiler®								
	3e	[14],15	11,13,14	13	28,[29]	23,[24]	11	13,[14]	13
		15	12	11,[13]	18,19	15,[16]	16,[17]		
				23		12			

TABLE 3

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

Item 3e

M7PTNV	PowerPlex Fusion 3e						11		
MDAJJ4	Yfiler® 3e	14,15 15	11,13,14 12	13 11,13	28,29 18,19 23	23,24 15,16	11 16,17 12	13,14	13
MKTYU	Yfiler® 3e	14,15 15	11,13,14 12	13 11,13	28,29 18,19 23	23,24 15,16	11 16,17 12	13,14	13
MUGDVQ	PowerPlex® Y 3e	14,15 15	11,13,14 12	13 11,13	28,29	23,24	11	13,14	13
MY9W4V	Yfiler® 3e	14,15 15	11,13,14 12	13 11,13	28,29 18,19 23	23,24 15,16	11 16,17 12	13,14	13
MZ6ZNB	Yfiler® 3e	14,15 15	11,13,14 12	13 11,13	28,29 18,19 23	23,24 15,16	11 16,17 12	13,14	13
N7LGQR	PowerPlex® Y Y23 3e	14,15 15 12,13	11,13,14 12 17,18	13 11,13 18,20	28,29 18,19 23	23,24 15,16 10	11 16,17 12	13,14 24	13 13
N9BWU8	Yfiler® 3e	14,15 15 -	11,13,14 12 -	13 11,13 -	28,29 18,19 23	23,24 15,16 -	11 16,17 12	13,14 - -	13 - -
NGACTT	PowerPlex® Y 23 3e	14,15 15 12,13	11,13,14 12 17,18	13 11,13 18,20	28,29 18,19 23	23,24 15,16 10	11 16,17 12	13,14 24	13 13
NGR2C9	Yfiler® 3e	14,15 15	11,13,14 12	13 11,13	28,29 18,19 23	23,24 15,16	11 16,17 12	13,14	13

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3e

NHYRV9	Yfiler®								
	3e	14,15	11,[13],[14]	13	28,29	23,24	11	13,14	13
		15	12	11,[13]	18,19	15,16	16,17		
NXDEEJ	PowerPlex® Y								
	3e	NT	NT	NT	NT	NT	NT	NT	NT
		NT	NT	NT					
NZY6HA	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
P23RHE	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	NA	NA
P8BLPA	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
P8WPBC	PowerPlex® Y 23								
	3e	[14],15	11,[13],[14]	13	28,[29]	23,[24]	11	13,[14]	13
		15	12	11,[13]	[18],19	15,[16]	16,17	24	13
P9YN7C	PowerPlex® Y 23								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	24	13
PCPQB6	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	-	-
PGK7T7	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
PHUX48	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		

TABLE 3

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

Item 3e

PR2TZL	PowerPlex® Y 23	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
			15	12	11,13	18,19	15,16	16,17	24	13
			12,13	17,18	18,20	23	10	12		
PUQ4W7	Yfiler®	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
			15	12	11,13	18,19	15,16	16,17		
						23		12		
PY66DQ	PowerPlex® Y Y23	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
			15	12	11,13	18,19	15,16	16,17	24	13
			12,13	17,18	18,20	23	10	12		
Q3FLXE	Yfiler®	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
			15	12	11,13	18,19	15,16	16,17	-	-
			-	-	-	23	-	12	-	-
Q66V6V	PowerPlex® Y 23	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
			15	12	11,13	18,19	15,16	16,17	24	13
			12,13	17,18	18,20	23	10	12		
Q6MXZA	Yfiler®	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
			15	12	11,13	18,19	15,16	16,17		
						23		12		
QEEB2V	Yfiler®	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
			15	12	11,13	18,19	15,16	16,17		
						23		12		
QEMTE8	Yfiler®	3e	15	11,14	13	28	23	11	13	13
			15	12	11	19	15	16		
						23		12		
QHRQCY	Yfiler®	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
			15	12	11,13	18,19	15,16	16,17		
						23		12		
QJM7NW	Yfiler®	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
			15	12	11,13	18,19	15,16	16,17		
						23		12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3e

QL8UTN	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23			12		
QUWE33	PowerPlex® Y 23								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	24	13
		12,13	17,18	18,20	23	10	12		
R3UZT9	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23			12		
R3XXCD	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23			12		
R47Q3C	PowerPlex® Y								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13					
R7WBUW	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23			12		
RAXVWG	PowerPlex® Y								
	3e	NT	NT	NT	NT	NT	NT	NT	NT
		NT	NT	NT					
RKELFJ	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23			12		
RKEP6N	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23			12		
RQ7RFF	PowerPlex® Y								
	3e								

TABLE 3

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

Item 3e

RWAAPT	PowerPlex® Y 23								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	24	13
		12,13	17,18	18,20	23	10	12		
TFFP94	PowerPlex® Y Y23								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	24	13
		12,13	17,18	18,20	23	10	12		
TGNG4L	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	-	-
		-	-	-	23	-	12	-	
TKPH74	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23		12			
TL662H	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23		12			
TQWE6N	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23		12			
TTLLMZ	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23		12			
TV9F88	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23		12			
TYQMMU	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23		12			
U73Z46	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23		12			

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3e

U8ZTWP	Yfiler®								
	3e	[14],15 15	11,[13],[14] 12	13 11,[13]	28,[29] [18],19 23	23,[24] 15,16	11 16,[17] 12	13,[14]	13
U9C6JE	PowerPlex® Y								
	3e	14,15 15	11,13,14 12	13 11,13	28,29	23,24	11	13,14	13
UCBJ74							11		
	3e							2	
UCCQHQ	PowerPlex® Y 23								
	3e	14,15 15 12,13	11,13,14 12 17,18	13 11,13 18,20	28,29 18,19 23	23,24 15,16 10	11 16,17 12	13,14 24	13 13
UF9C9U	Yfiler®								
	3e	14,15 15	11,13,14 12	13 11,13	28,29 18,19 23	23,24 15,16	11 16,17 12	13,14	13
UFTJJX	Yfiler®								
	3e	14,15 15	11,13,14 12	13 11,13	28,29 18,19 23	23,24 15,16	11 16,17 12	13,14	13
UFTL93	Yfiler®								
	3e	14,15 15	11,13,14 12	13 11,13	28,29 18,19 23	23,24 [14^],15,16	11 16,17 12	13,14	13
UKEAG9	PowerPlex® Y 23								
	3e	14,15 15 12,13	11,13,14 12 17,18	13 11,13 18,20,*	28,29 19 23	23,24 15,16 10	11 16,17 12	13,14,* 24	13 13
ULF2NG	PowerPlex® Y 23								
	3e	14,15 15 12,13	11,13,14 12 17,18	13 11,13 18,19,20	28,29 18,19 23	23,24 15,16 10	11 16,17 12	13,14 24	13 13
UP2P79	Yfiler®								
	3e	14,15 15	11,13,14 12	13 11,13	28,29 18,19 23	23,24 15,16	11 16,17 12	13,14	13

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 3e									
UW3TJL	PowerPlex® Y 23								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	24	13
		12,13	17,18	18,20	23	10	12		
UWWR9J	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23			12		
V277UN	PowerPlex® Y 23								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	24	13
		12,13	17,18	18,20	23	10	12		
V6KYAV	PowerPlex® Y 23								
	3e	14,15	11,13,14	13,13	28,29	23,24	11,11	13,14	13,13
		15,15	12,12	11,13	18,19	15,16	16,17	24,24	13,13
		12,13	17,18	18,20	23,23	10,10	12,12		
VLW9WJ	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23			12		
VQR4DX	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	NT	NT
		NT	NT	NT	23	NT	12	NT	
W72A69	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23			12		
W8TXA2	GlobalFiler								
	3e						11		
								2	
W9MQ6K	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23			12		
WBCXNW	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	no profile	no profile
		no profile	no profile	no profile	23	no profile	12	no profile	

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3e

WEBAN3	Globalfiler Casework 3e						11		
								2	
WGFCHT	Yfiler® 3e	14,15 15	11,[13],[14] 12	13 11,[13]	28,[29] 18,19 23	23,[24] 15,16	11 16,17 12	13,14	13
WGH4BA	Yfiler® 3e	14,15 15 -	11,13,14 12 -	13 11,13 -	28,29 18,19 23	23,24 15,16 -	11 16,17 12	13,14 - -	13 - -
WHP44Z	GlobalFiler 3e						11		
								2	
WW9RDX	Yfiler® 3e	14,15 15	11,13,14 12	13 11,13	28,29 18,19 23	23,24 15,16	11 16,17 12	13,14	13
X3UEU4	Yfiler® 3e	14,15 15	11,13,14 12	13 11,13	28,29 18,19 23	23,24 15,16	11 16,17 12	13,14	13
X6HK2Y	Yfiler® 3e	14,15 15	11,13,14 12	13 11,13	28,29 18,19 23	23,24 15,16	11 16,17 12	13,14	13
X9HYZ6	Yfiler® 3e	14,15 15	11,13,14 12	13 11,13	28,29 18,19 23	23,24 15,16	11 16,17 12	13,14	13
XFZMGT	Yfiler® 3e	14,15 15	11,13,14 12	13 11,13	28,29 18,19 23	23,24 15,16	11 16,17 12	13,14	13
XKWGP9	PowerPlex® Y 3e	14,15 15	11,13,14 12	13 11,13	28,29	23,24	11	13,14	13

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3e

XQDR9W	PowerPlex® Y 23								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	24	13
		12,13	17,18	18,20	23	10	12		
XZAYD2	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23		12			
Y4J727	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23		12			
Y7A7MH	Yfiler®								
	3e								
YFDMQ8	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	-	-
		-	-	-	23	-	12	-	
YGN6AD	PowerPlex® Y 23								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	24	13
		12,13	17,18	18,20	23	10	12		
YGQHPY	GlobalFiler								
	3e						11		
								2	
YHLQM6	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23		12			
YNGVYT	PowerPlex® Y 23								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	24	13
		12,13	17,18	18,20	23	10	12		
YQF8P9	PowerPlex® Y								
	3e								

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3e

YQXUQH	Yfiler®								
	3e	14,15 15	11,13,14 12	13 11,13	28,29 18,19 23	23,24 15,16	11 16,17 12	13,14	13
YXEBG7	Yfiler®								
	3e	14,15 15	11,13,14 12	13 11,13	28,29 18,19 23	23,24 15,16	11 16,17 12	13,14 -	13 -
		-	-	-		-		-	
YYUKEE	Yfiler®								
	3e	14,15 15	11,13,14 12	13 11,13	28,29 18,19 23	23,24 15,16	11 16,17 12	13,14	13
Z3N27X	Yfiler®								
	3e	14,15 15	11,13,14 12	13 11,13	28,29 18,19 23	23,24 15,16	11 16,17 12	13,14	13
Z8XU4V	Yfiler®								
	3e	14,15 15	11,13,14 12	13 11,13	28,29 18,19 23	23,24 15,16	11 16,17 12	13,14	13
ZA6CJY	Yfiler®								
	3e	14,15 15	11,13,14 12	13 11,13	28,29 18,19 23	23,24 15,16	11 16,17 12	13,14	13
ZDM6L7	PowerPlex® Y 3e								
ZFWGEN	Yfiler®								
	3e	14,15 15	11,13,14 12	13 11,13	28,29 18,19 23	23,24 15,16	11 16,17 12	13,14	13
ZG9U4X	PowerPlex® Y 23								
	3e	14,15 15	11,13,14 12	13 [11],13	29,[-] 18,[19]	23,24 [15],16	11 16,17	[13],14 24	13 13
		12,[13]	17,[18]	18,[20]	23	10	12		
ZJRH76	Yfiler®								
	3e	14,15 15	11,13,14 12	13 11,13	28,29 18,19	23,24 15,16	11 16,17	13,14 -	13 -
		-	-	-	23	-	12	-	

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3e

ZN82DE	PowerPlex® Y PPY23								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	24	13
		12,13	17,18	18,20	23	10	12		
ZNLXUX	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23		12			
ZQE783	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23		12			
ZTT42H	Yfiler®								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17		
				23		12			
ZUG3YH	PowerPlex® Y Y23								
	3e	14,15	11,13,14	13	28,29	23,24	11	13,14	13
		15	12	11,13	18,19	15,16	16,17	24	13
		12,13	17,18	18,20	23	10	12		
ZZ4K2D	Yfiler®								
	3e	[14],15	11,[13],14	13	28,[29]	23,[24]	11	13,[14]	13
		15	12	11,[13]	[18],19	15,[16]	16,[17]		
				23		12			

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3sp

22N8ZD	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	-	-
		-	-	-	23	-	12	-	
232X8W	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	n/a	n/a
		n/a	n/a	n/a	23	n/a	12	n/a	
24X977	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
28C3M4	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
2BU8BZ	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
32LQMZ	PowerPlex® Y 23 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
33ET4N	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
396JP6	PowerPlex® Y 3sp	14	11,13	13	29	24	11	14	13
		15	12	13					
3AZWYX	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
3FPLT2	PowerPlex® Y 3sp	14	11,13	13	29	24	11	14	13
		15	12	13					

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 3sp									
3Q8V82	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
3WQ4NK	Yfiler® 3sp	14,[15]	11,13	13	29	24	11	14	13
		15	12	[11],13	18,[19]	[15],16	[16],17		
					23		12		
3X43VU	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
3XN8L3	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
42JHxD	PowerPlex® Y 23 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
47EG3B	3sp						11		
								2	
4DUMPM	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
4F2FTF	PowerPlex® Y 23 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
4KCBTJ	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	-	-
		-	-	-	23	-	12	-	-
4M3KTD	PowerPlex® Y 23 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3sp

4NDZ8Q	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
4NTTTF	PowerPlex® Y 23 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
4UKXPQ	PowerPlex® Y 23 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
4WJJ9G	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
62XYBY	PowerPlex® Y 3sp	14	11,13	13	29	24	11	14	13
		15	12	13					
638FG4	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
67TQJV	PowerPlex® Y 3sp	14	11,13	13	29	24	11	14	13
		15	12	13					
6929XD	PowerPlex® Y 23 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
6EM98Y	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
6QW47V	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3sp

6ZMPCT	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
76QF64	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
774WHH	PowerPlex® Y 23 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
77A8EN	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
79T4ZT	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
7HZXYR	GlobalFiler 3sp						11		
								2	
7LJVMH	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
7Y4ZN8	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
83NAEJ	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
86AZHA	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		

TABLE 3

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

Item 3sp

889DY8	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	-	-
		-	-	-	23	-	12	-	
8LBXK6	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	[16],17		
					23		12		
8NGFM8	PowerPlex® Y 23 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
8WELP2	PowerPlex® Y 3sp	14	11,13	13	29	24	11	14	13
		15	12	13					
998ACN	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
9J43FT	PowerPlex® Y 23 3sp	14	11,13	13	29	24	11	14	13
		15	12	(12),13	18	16	17	24	13
		12	17	18	23	10	12		
9MMXJK	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
9Q9NMA	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
9WU448	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
9WUJJ8	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		

TABLE 3

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

Item 3sp

9ZDGNV	PowerPlex® Y 3sp	14	11,13	13	29	24	11	14	13
		15	12	13					
A6JM72	PowerPlex® Y 23 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
A9GV7M	3sp						11		
								2	
AAVPVH	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	N/T	N/T
		N/T	N/T	N/T	23	N/T	12	N/T	
ACLVDU	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
AGUCN4	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
AP7D2R	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	NA	NA
		NA	NA	NA	23	NA	12	NA	
B38EC8	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
B6U77P	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	-	-
		-	-	-	23	-	12	-	
B7L74Z	PowerPlex® Y 23 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3sp

BB38RT	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
BCV8N4	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	-	-
		-	-	-	23	-	12	-	-
BE64GM	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
BJGBF8	PowerPlex® Y Fusion 3sp						11		
BJW8U6	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
BTMQBY	PowerPlex® Y 3sp	14	11,13	13	29	24	11	14	13
		15	12	13					
BUH9EK	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
BZ4F2E	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
C8929F	PowerPlex® Y 23 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
CCRXCX	PowerPlex Fusion 3sp						11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3sp

CFQF96	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
CR7TFD	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
CUAN22	PowerPlex® Y 3sp	14	11,13	13	29	24	11	14	13
		15	12	13					
CUCNBW	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
CVPNJ7	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
CWXC3	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
CY6HY3	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
CYM8JJ	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
CZFRYA	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	-	-
		-	-	-	23	-	12	-	-
D8FY73	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel		
Item 3sp										
DECAN9	PowerPlex® Y 23	14	11,13	13	29	24	11	14	13	
		15	12	13	18	16	17	24	13	
		12	17	18	23	10	12			
DGZ9TB	Yfiler®	14	11,13	13	29	24	11	14	13	
		15	12	13	18	16	17			
					23		12			
DJNJB	Yfiler®	14	11,13	13	29	(23),24	11	14	13	
		15	12	13	18	(15),16	17			
					23		12			
DTT8P3	Yfiler®	14	11,13	13	29	24	11	14	13	
		15	12	13	18	16	17			
					23		12			
DTWEMA	Yfiler®	14	11,13	13	29	24	11	14	13	
		15	12	13	18	16	17			
					23		12			
DZTN3U	Yfiler®	14	11,13	13	29	24	11	14	13	
		15	12	13	18	16	17	-	-	
		-	-	-	23	-	12	-		
DZZNBA	Yfiler®	14	11,13	13	29	24	11	14	13	
		15	12	13	18	16	17			
					23		12			
E2LWMH	Yfiler®	14	11,13	13	29	24	11	14	13	
		15	12	13	18	16	17			
					23		12			
E3WRDG	Yfiler®	14,[15]	11,13	13	29	24	11	[13],14	13	
		15	12	13	18	[15],16	[16],17			
					23		12			
E7HHG7	PowerPlex® Y 23	14	11,13	13	29	24	11	14	13	
		15	12	13	18	16	17	24	13	
		12	17	18	23	10	12			

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3sp

E9J8TT	PowerPlex® Y	3sp	14	11,13	13	29	24	11	14	13
			15	12	13					
EDEHP8	Yfiler®	3sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	-	-
			-	-	-	23	-	12	-	-
EGXDRY	Yfiler®	3sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
ET7BHK	Yfiler®	3sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
EWQQ4R	PowerPlex® Y	3sp	14	11,13	13	29	24	11	14	13
			15	12	13					
EZWGJ3	PowerPlex® Y Y23	3sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
F6JW37	PowerPlex® Y 23	3sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
F7X4NM	Yfiler®	3sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
FAEHE3	PowerPlex® Y 23	3sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
FC4QP4	Yfiler®	3sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3sp

FH76Z8	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
FUWWNG	PowerPlex® Y 23 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
FVFHJT	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
FWL38T	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
FYP26E	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
G38FLL	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
G8HL6Y	PowerPlex® Y 23 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
GBKEBQ	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
GH4328	PowerPlex® Y 23 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
GHH7HY	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3sp

GKLT6C	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
GKU9JH	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
GQX9YE	PowerPlex® Y 23 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
H9WMRD	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
HFA73K	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
HLXX78	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
HQ7G6Y	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
HQBQ8X	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
HWJ8H8	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
HXRC9N	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	-	-
		-	-	-	23	-	12	-	-

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 3sp									
HYKTDB	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
HZGKF6	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	-	-
		-	-	-	23	-	12	-	-
JHH46K	PowerPlex® Y 3sp	14	11,13	13	29	24	11	14	13
		15	12	13					
JRKZT4	PowerPlex® Y 23 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
JRZCFE	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
K66Z2G	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
K7WZYR	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
KPBCQH	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	NA	NA
		NA	NA	NA	23	NA	12	NA	
KPN4JZ	PowerPlex® Y 23 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
KVG4ZF	PowerPlex® Y 23 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3sp

KWFVWZ	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
KWA4XR	PowerPlex® Y Y23 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
L4PXRN	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
L7E7Z4	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
LDFLMQ	PowerPlex Fusion 3sp						11		
LE6R72	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	(12),13	18	(15),16	(16),17		
					23		12		
LMZTMF	PowerPlex® Y 23 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
LNVYXK	PowerPlex® Y 3sp	14	11,13	13	29	24	11	14	13
		15	12	13					
LQ2ZKX	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
LRC7D8	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		

TABLE 3

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

Item 3sp

LRXW7R	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
M7PTNV	PowerPlex Fusion 3sp						11		
MDAJJ4	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
MKTYYU	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
MUGDVQ	PowerPlex® Y 3sp	14	11,13	13	29	24	11	14	13
		15	12	13					
MY9W4V	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
MZ6ZNB	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
N7LGQR	PowerPlex® Y Y23 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
N9BWU8	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	-	-
		-	-	-	23	-	12	-	-
NGACTT	PowerPlex® Y 23 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		

TABLE 3

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

Item 3sp

NGR2C9	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
NHYRV9	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
NXDEEJ	PowerPlex® Y 3sp	14	11,13	13	29	24	11	14	13
		15	12	13					
NZY6HA	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
P23RHE	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	NA	NA
		NA	NA	NA	23	NA	12	NA	
P8BLPA	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
P8WPBC	PowerPlex® Y 23 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
P9YN7C	PowerPlex® Y 23 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
PCPQB6	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	-	-
		-	-	-	23	-	12	-	
PGK7T7	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 3sp									
PHUX48	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
PR2TZL	PowerPlex® Y 23 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
PUQ4W7	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
PY66DQ	PowerPlex® Y Y23 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
Q3FLXE	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	-	-
		-	-	-	23	-	12	-	
Q66V6V	PowerPlex® Y 23 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
Q6MXZA	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
QEEB2V	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
QEMTE8	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
QHRQCY	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3sp

QJM7NW	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
QL8UTN	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
QUWE33	PowerPlex® Y 23 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
R3UZT9	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
R3XXCD	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
R47Q3C	PowerPlex® Y 3sp	14	11,13	13	29	24	11	14	13
		15	12	13					
R7WBUW	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
RAXVWG	PowerPlex® Y 3sp	14	11,13	13	29	24	11	14	13
		15	12	13					
RKELFJ	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
RKEP6N	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		

TABLE 3

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

Item 3sp

RQ7RFF	PowerPlex® Y	3sp	14	11,13	13	29	24	11	14	13
			15	12	13					
RWA AHT	PowerPlex® Y 23	3sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
TFFP94	PowerPlex® Y Y23	3sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
TGNG4L	Yfiler®	3sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	-	-
			-	-	-	23	-	12	-	
TKPH74	Yfiler®	3sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
TL662H	Yfiler®	3sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
TQWE6N	Yfiler®	3sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
TLLMZ	Yfiler®	3sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
TV9F88	Yfiler®	3sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
TYQMMU	Yfiler®	3sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3sp

U73Z46	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16,[17^]	17		
					23		12		
U8ZTWP	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
U9C6JE	PowerPlex® Y 3sp	14	11,13	13	29	24	11	14	13
		15	12	13					
UCBJ74	3sp						11		
								2	
UCCQHJ	PowerPlex® Y 23 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
UF9C9U	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	[16],17		
					23		12		
UFTJJX	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
UFTL93	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
UKEAG9	PowerPlex® Y 23 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
ULF2NG	PowerPlex® Y 23 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
Item 3sp									
UP2P79	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
UW3TJL	PowerPlex® Y 23 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
UWWR9J	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
V277UN	PowerPlex® Y 23 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
V6KYAV	PowerPlex® Y 23 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
VLW9WJ	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
VQR4DX	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	NT	NT
		NT	NT	NT	23	NT	12	NT	
W72A69	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
W8TXA2	GlobalFiler 3sp						11		
								2	
W9MQ6K	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		

TABLE 3

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

Item 3sp

WBCXNW	Yfiler®								
	3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	[15],16	17	no profile	no profile
		no profile	no profile	no profile	23	no profile	12	no profile	
WEBAN3	Globalfiler Casework								
	3sp						11		
								2	
WGFCHT	Yfiler®								
	3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
				23		12			
WGH4BA	Yfiler®								
	3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	-	-
		-	-	-	23	-	12	-	
WHP44Z	GlobalFiler								
	3sp						11		
								2	
WW9RDX	Yfiler®								
	3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
				23		12			
X3UEU4	Yfiler®								
	3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
				23		12			
X6HK2Y	Yfiler®								
	3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
				23		12			
X9HYZ6	Yfiler®								
	3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
				23		12			
XFZMGT	Yfiler®								
	3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
				23		12			

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3sp

XKWGP9	PowerPlex® Y	3sp	14	11,13	13	29	24	11	14	13
			15	12	13					
XQDR9W	PowerPlex® Y 23	3sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
XZAYD2	Yfiler®	3sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	15,16	17		
					23		12			
Y4J727	Yfiler®	3sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
					23		12			
Y7A7MH	Yfiler®	3sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
					23		12			
YFDMQ8	Yfiler®	3sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	-	-
			-	-	-	23	-	12	-	
YGN6AD	PowerPlex® Y 23	3sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
YGQHPY	GlobalFiler	3sp						11		
									2	
YHLQM6	Yfiler®	3sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
					23		12			
YNGVYT	PowerPlex® Y 23	3sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3sp

YQF8P9	PowerPlex® Y	3sp	14	11,13	13	29	24	11	14	13
			15	12	13					
YQXUQH	Yfiler®	3sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
YXEBG7	Yfiler®	3sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	-	-
			-	-	-	23	-	12	-	-
YYUKEE	Yfiler®	3sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
Z3N27X	Yfiler®	3sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
Z8XU4V	Yfiler®	3sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
ZA6CJY	Yfiler®	3sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
ZDM6L7	PowerPlex® Y	3sp	14	11,13	13	29	24	11	14	13
			15	12	13					
ZFWGEN	Yfiler®	3sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
ZG9U4X	PowerPlex® Y 23	3sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3sp

ZJRH76	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	-	-
		-	-	-	23	-	12	-	-
ZN82DE	PowerPlex® Y PPY23 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
ZNLXUX	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
ZQE783	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
ZTT42H	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
ZUG3YH	PowerPlex® Y Y23 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
ZZ4K2D	Yfiler® 3sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 4									
22N8ZD	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	-	-
		-	-	-	23	-	12	-	
232X8W	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	n/a	n/a
		n/a	n/a	n/a	23	n/a	12	n/a	
24DG8T	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
24X977	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
28C3M4	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
2BU8BZ	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
2PERVU	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	NA	NA
		NA	NA	NA	23	NA	12	NA	
2YY2G3	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	na	na
		na	na	na	23	na	12	na	
32LQMZ	PowerPlex® Y 23 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
33ET4N	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 4									
396JP6	PowerPlex® Y 4	14	11,13	13	29	24	11	14	13
		15	12	13					
3AZWYX	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
3FPLT2	PowerPlex® Y 4	14	11,13	13	29	24	11	14	13
		15	12	13					
3Q8V82	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
3WQ4NK	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
3X43VU	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
3XN8L3	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
42JHXD	PowerPlex® Y 23 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
47EG3B	4						11		
								2	
4AVLWY	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	NA	NA
		NA	NA	NA	23	NA	12	NA	

TABLE 3

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

Item 4

4AXUZX	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
4DUMPM	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
4F2FTF	PowerPlex® Y 23 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
4KCBTJ	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	-	-
		-	-	-	23	-	12	-	-
4M3KTD	PowerPlex® Y 23 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
4MHTUZ	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	NA	NA
		NA	NA	NA	23	NA	12	NA	
4NDZ8Q	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
4NTTTF	PowerPlex® Y 23 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
4UKXPQ	PowerPlex® Y 23 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
4WJJ9G	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		

TABLE 3

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

Item 4

62XYBY	PowerPlex® Y	4	14	11,13	13	29	24	11	14	13
			15	12	13					
638FG4	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
67TQJV	PowerPlex® Y	4	14	11,13	13	29	24	11	14	13
			15	12	13					
6929XD	PowerPlex® Y 23	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
6EM98Y	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
6QW47V	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
6ZMPCT	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
76QF64	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
774WHH	PowerPlex® Y 23	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
77A8EN	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4

77Y9RK	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
79T4ZT	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
7HZXYR	GlobalFiler 4						11		
								2	
7LJVMH	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
7Y4ZN8	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
83NAEJ	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
86AZHA	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
889DY8	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	-	-
		-	-	-	23	-	12	-	-
8JFKHK	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
8LBXK6	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4

8NGFM8	PowerPlex® Y 23	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
8T77NH	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
8WELP2	PowerPlex® Y	4	14	11,13	13	29	24	11	14	13
			15	12	13					
998ACN	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
9J43FT	PowerPlex® Y 23	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
9MMXJK	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
9Q9NMA	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
9VYZFL	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
9WU448	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
9WUJJ8	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4

9ZDGNV	PowerPlex® Y	4	14	11,13	13	29	24	11	14	13
			15	12	13					
A6JM72	PowerPlex® Y 23	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
A9GV7M		4						11		
									2	
AAVPVH	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	N/T	N/T
			N/T	N/T	N/T	23	N/T	12	N/T	
ACLVDU	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
AGUCN4	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
AP7D2R	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	NA	NA
			NA	NA	NA	23	NA	12	NA	
B38EC8	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
B6U77P	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	-	-
			-	-	-	23	-	12	-	
B7L74Z	PowerPlex® Y 23	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4

B8EY4K	PowerPlex® Y 23	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
BB38RT	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
BCV8N4	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	-	-
			-	-	-	23	-	12	-	-
BE64GM	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
BJGBF8	PowerPlex® Y Fusion	4						11		
BJW8U6	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
BTMQBY	PowerPlex® Y	4	14	11,13	13	29	24	11	14	13
			15	12	13					
BUH9EK	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
BZ4F2E	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
C8929F		4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4

CCRXCX	PowerPlex Fusion 4						11		
CFQF96	Yfiler® 4	14 15	11,13 12	13 13	29 18 23	24 16	11 17 12	14	13
CR7TFD	Yfiler® 4	14 15	11,13 12	13 13	29 18 23	24 16	11 17 12	14	13
CUAN22	PowerPlex® Y 4	14 15	11,13 12	13 13	29	24	11	14	13
CUCNBW	Yfiler® 4	14 15	11,13 12	13 13	29 18 23	24 16	11 17 12	14	13
CVPNJ7	Yfiler® 4	14 15	11,13 12	13 13	29 18 23	24 16	11 17 12	14	13
CWXXC3	Yfiler® 4	14 15	11,13 12	13 13	29 18 23	24 16	11 17 12	14	13
CY6HY3	Yfiler® 4	14 15	11,13 12	13 13	29 18 23	24 16	11 17 12	14	13
CYM8JJ	Yfiler® 4	14 15	11,13 12	13 13	29 18 23	24 16	11 17 12	14	13
CZFRYA	Yfiler® 4	14 15 -	11,13 12 -	13 13 -	29 18 23	24 16 -	11 17 12	14 - -	13 - -

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4

D8FY73	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
DECAN9	PowerPlex® Y 23 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
DGZ9TB	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
DJNJBB	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
DK4JUJ	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
DTT8P3	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
DTWEMA	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
DZTN3U	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	-	-
		-	-	-	23	-	12	-	-
DZZNBA	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
E2LWMH	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		

TABLE 3

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

Item 4

E2LYDM	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
E3WRDG	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
E7HHG7	PowerPlex® Y 23	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
E9J8TT	PowerPlex® Y	4	14	11,13	13	29	24	11	14	13
			15	12	13					
EDEHP8	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	-	-
			-	-	-	23	-	12	-	
EGXDRY	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
ET7BHK	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
EWQQ4R	PowerPlex® Y	4	14	11,13	13	29	24	11	14	13
			15	12	13					
EZWGJ3	PowerPlex® Y Y23	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
F6JW37	PowerPlex® Y 23	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4

F7X4NM	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
FAEHE3	PowerPlex® Y 23	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
FC4QP4	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
FH76Z8	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
FQFDLE	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
FVFHJT	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
FWL38T	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
FXUFD9	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
FYP26E	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
G38FLL	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4

G8HL6Y	PowerPlex® Y 23	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
GBKEBQ	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
GH4328	PowerPlex® Y 23	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
GHH7HY	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
GKLT6C	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
GKU9JH	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
GQX9YE	PowerPlex® Y 23	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
GV9TV8		4						11		
H9WMRD	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
HFA73K	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4

HLXX78	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
HMJV3C	PowerPlex® Y 23	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
HQ7G6Y	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
HQBQ8X	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
HQWA7D	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	NA	NA
			NA	NA	NA	23	NA	12	NA	
HWJ8H8	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
HXRC9N	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	-	-
			-	-	-	23	-	12	-	
HYKTDB	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
HZGKF6	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	-	-
			-	-	-	23	-	12	-	
JHH46K	PowerPlex® Y	4	14	11,13	13	29	24	11	14	13
			15	12	13					

TABLE 3

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

Item 4

JJ3WF9	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
JRKZT4	PowerPlex® Y 23	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
JRZCFE	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
K4BAV3	PowerPlex® Y 23	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
K66Z2G	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
KPBCQH	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	NA	NA
			NA	NA	NA	23	NA	12	NA	
KPN4JZ	PowerPlex® Y 23	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
KVG4ZF	PowerPlex® Y 23	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
KWFVWZ	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
KWA4XR	PowerPlex® Y Y23	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4

L4PXRN	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
L7E7Z4	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
L9FCEA	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	NA	NA
		NA	NA	NA	23	NA	12	NA	
LDFLMQ	PowerPlex Fusion 4						11		
LE6R72	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
LMZTMF	PowerPlex® Y 23 4	14	11,[13]	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
LNVYXK	PowerPlex® Y 4	14	11,13	13	29	24	11	14	13
		15	12	13					
LQ2ZKX	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
LRC7D8	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
LRXW7R	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		

TABLE 3

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

Item 4

M7PTNV	PowerPlex Fusion 4							11	
MDAJJ4	Yfiler® 4	14 15	11,13 12	13 13	29 18 23	24 16	11 17 12	14	13
MKTYU	Yfiler® 4	14 15	11,13 12	13 13	29 18 23	24 16	11 17 12	14	13
MUGDVQ	PowerPlex® Y 4	14 15	11,13 12	13 13	29	24	11	14	13
MY9W4V	Yfiler® 4	14 15	11,13 12	13 13	29 18 23	24 16	11 17 12	14	13
MZ6ZNB	Yfiler® 4	14 15	11,13 12	13 13	29 18 23	24 16	11 17 12	14	13
N7LGQR	PowerPlex® Y 23 4	14 15 12	11,13 12 17	13 13 18	29 18 23	24 16 10	11 17 12	14 24	13 13
N9BWU8	Yfiler® 4	14 15 -	11,13 12 -	13 13 -	29 18 23	24 16 -	11 17 12	14 - -	13 - -
NGACTT	PowerPlex® Y 23 4	14 15 12	11,13 12 17	13 13 18	29 18 23	24 16 10	11 17 12	14 24	13 13
NGR2C9	Yfiler® 4	14 15	11,13 12	13 13	29 18 23	24 16	11 17 12	14	13

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4

NHYRV9	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
NXDEEJ	PowerPlex® Y	4	14	11,13	13	29	24	11	14	13
			15	12	13					
NZY6HA	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
P23RHE	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	NA	NA
			NA	NA	NA	23	NA	12	NA	
P8BLPA	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
P8WPBC	PowerPlex® Y 23	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
P9YN7C	PowerPlex® Y 23	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
PCPQB6	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	-	-
			-	-	-	23	-	12	-	
PGK7T7	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
PHUX48	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		

TABLE 3

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

Item 4

PR2TZL	PowerPlex® Y 23	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
PUQ4W7	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
PY66DQ	PowerPlex® Y Y23	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
Q3FLXE	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	-	-
			-	-	-	23	-	12	-	
Q6MXZA	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
QEEB2V	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
QEMTE8	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
QHRQCY	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
QJM7NW	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
QL8UTN	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4

QMZJD6	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	NA	NA
			NA	NA	NA	23	NA	12	NA	
QUWE33	PowerPlex® Y 23	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
QZRCND	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	NA	NA
			NA	NA	NA	23	NA	12	NA	
R3UZT9	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
R3XXCD	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
R47Q3C	PowerPlex® Y	4	14	11,13	13	29	24	11	14	13
			15	12	13					
R7WBUW	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
RAXVWG	PowerPlex® Y	4	14	11,13	13	29	24	11	14	13
			15	12	13					
RD8Q8Y	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
RKELFJ	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4

RKEP6N	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
RQ7RFF	PowerPlex® Y	4	14	11,13	13	29	24	11	14	13
			15	12	13					
RWAHT	PowerPlex® Y 23	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
TFFP94	PowerPlex® Y Y23	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
TGNG4L	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	-	-
			-	-	-	23	-	12	-	
TKPH74	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
TL662H	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
TQWE6N	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
TTLLMZ	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
TV9F88	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel		
Item 4										
TYQMMU	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
					23		12			
U73Z46	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
					23		12			
U8ZTWP	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
					23		12			
U9C6JE	PowerPlex® Y	4	14	11,13	13	29	24	11	14	13
			15	12	13					
UCBJ74	4						11			
								2		
UCCQHQ	PowerPlex® Y 23	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
UF9C9U	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
					23		12			
UFTJX	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
					23		12			
UFTL93	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
					23		12			
UKEAG9	PowerPlex® Y 23	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4

ULF2NG	PowerPlex® Y 23	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
UP2P79	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
UW3TJL	PowerPlex® Y 23	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
UWWR9J	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
V277UN	PowerPlex® Y 23	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
V6KYAV	PowerPlex® Y 23	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
V7U93T	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
VC3AMW	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
VLW9WJ	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
VQR4DX	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	NT	NT
			NT	NT	NT	23	NT	12	NT	

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4

W72A69	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
W8TXA2	GlobalFiler 4						11		
								2	
W9MQ6K	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
WBCXNW	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	no profile	no profile
		no profile	no profile	no profile	23	no profile	12	no profile	
WEBAN3	Globalfiler Casework 4						11		
								2	
WGFCHT	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
WGH4BA	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	-	-
		-	-	-	23	-	12	-	
WHP44Z	GlobalFiler 4						11		
								2	
WLM67W	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
WW9RDX	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4

X3UEU4	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
X6HK2Y	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
X9HYZ6	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
XFZMGT	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
XKWGP9	PowerPlex® Y 4	14	11,13	13	29	24	11	14	13
		15	12	13					
XQDR9W	PowerPlex® Y 23 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
XZAYD2	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
Y4J727	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
Y79F9M	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
Y7A7MH	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4

YFDMQ8	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	-	-
		-	-	-	23	-	12	-	-
YGN6AD	PowerPlex® Y 23 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
YGQHPY	GlobalFiler 4						11		
								2	
YHLQM6	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
YNGVYT	PowerPlex® Y 23 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
YQF8P9	PowerPlex® Y 4	14	11,13	13	29	24	11	14	13
		15	12	13					
YQXUQH	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
YXEBG7	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	-	-
		-	-	-	23	-	12	-	-
YYUKEE	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
Z3N27X	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4

Z8XU4V	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
ZA6CJY	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
ZAHA8Q	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
ZDM6L7	PowerPlex® Y 4	14	11,13	13	29	24	11	14	13
		15	12	13					
ZFWGEN	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
ZG9U4X	PowerPlex® Y 23 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
ZJRH76	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	-	-
		-	-	-	23	-	12	-	-
ZN82DE	PowerPlex® Y PPY23 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
ZNLXUX	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
ZQE783	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4

ZTT42H	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
ZUG3YH	PowerPlex® Y Y23	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
ZZ4K2D	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		

TABLE 3

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

Item 4e

FUWWNG	PowerPlex® Y 23								
	4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
K7WZYR	Yfiler®								
	4e								
Q66V6V	PowerPlex® Y 23								
	4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		

TABLE 3

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

Item 4sp

FUWWNG	PowerPlex® Y 23 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
K7WZYR	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
Q66V6V	PowerPlex® Y 23 4sp								

Additional DNA Results

TABLE 4

Locus	WebCode	Item 1	Item 2	Item 3	Item 3e	Item 3sp	Item 4
D6	493EN2	12,18	11,11		11,12,17,18	11,17	11,17
D6S1043	3C6XBA	12,18	11,11		11,12,17,18	11,17	11,17
	76QF64	12,18	11,11		11,12,17,18	11,17	11,17
	7BYGQ8	12,18	11,11		11,12,17,18	11,17	11,17
	BPKMP4	12,18	11,11		11,12,17,18	11,17	11,17
	FBTGKP	12,18	11,11		11,12,17,18	11,17	11,17
	HYMBJM	12,18	11,11		11,12,17,18	11,17	11,17
	KGFVBR	12,18	11,11	11,12,17,18			11,17
	LRXW7R	12,18	11,11		11,12,17,18	11,17	11,17
	NP2ZWN	12,18	11,11		11,12,17,18	11,17	11,17
	TDA3WK	12,18	11,11		11,12,17,18	11,17	11,17
	TL662H	12,18	11,11		11,12,17,18	11,17	11,17
	UXTRJH	12,18	11,11		11,12,17,18	11,17	11,17
	Z6VL6D	12,18	11,11	11,12,17,18			11,17
	ZZ4K2D	12,18	11,11		[11],12,[17],18	11,17	11,17
DYS391	DERQJ2	11	11		11	11	11
	GV9TV8						11
	LYU7NW	11	11		11	11	11
F13A01	Q66V6V	7,7	3,2,7		3,2,5,7	3,2,5	
F13B	Q66V6V	6,9	10,10		6,9	9,9	
FESFPS	Q66V6V	12,13	11,12		12,13	12,12	
LPL	Q66V6V	10,12	10,10		10,12	10,10	
PENTA C	Q66V6V	12,12	13,13		9,11,12	9,11	
Y indel	DERQJ2	2	2		2	2	2

Mitochondrial DNA - HVRI Results

TABLE 5a - ITEM 1

Polymorphisms from Anderson Reference

	16114.0	16129.0	16213.0	16223.0	16278.0	16355.0	16362.0	16390.0
ITEM 1								
2BU8BZ	A	A	A	T	T	T	C	A
2PERVU	A	A	A	T	T	T	C	A
2YY2G3	A	A	A	T	T	T	C	A
4AVLWY	A	A	A	T	T	T	C	A
4MHTUZ	A	A	A	T	T	T	C	A
8C48UM	A	A	A	T	T	T	C	A
8QLYMA	A	A	A	T	T	T	C	A
9VYZFL	A	A	A	T	T	T	C	A
DRXNLF	A	A	A	T	T	T	C	A
ECEGQ3	A	A	A	T	T	T	C	A
F7X4NM	A	A	A	T	T	T	C	A
FQFDLE	A	A	A	T	T	T	C	A
HFQK99	A	A	A	T	T	T	C	A
HMJV3C	A	A	A	T	T	T	C	A
HQWA7D	A	A	A	T	T	T	C	A
JJ3WF9	A	A	A	T	T	T	C	A
L2Y4M7	A	A	A	T	T	T	C	A
L9FCEA	A	A	A	T	T	T	C	A
NF8RJ7	A	A	A	T	T	T	C	A
PZ6FN8	A	A	A	T	T	T	C	A
Q66V6V	A	A	A	T	T	T	C	A
QH9AAAY	A	A	A	T	T	T	C	A
QHRQCY	A	A	A	T	T	T	C	A
QMZJD6	A	A	A	T	T	T	C	A
QZRCND	A	A	A	T	T	T	C	A
R379TP	A	A	A	T	T	T	C	A
THVRN4	A	A	A	T	T	T	C	A
UP2P79	A	A	A	T	T	T	C	A
VC3AMW	A	A	A	T	T	T	C	A
XVRCLW	A	A	A	T	T	T	C	A
XZAYD2	A	A	A	T	T	T	C	A
YCUDYV	A	A	A	T	T	T	C	A
Z3JP6V	A	A	A	T	T	T	C	A

Mitochondrial DNA - HVRI Results

TABLE 5b - ITEM 2

Polymorphisms from Anderson Reference

	16298.0	16507.0
ITEM 2		
2BU8BZ	C	
2PERVU	C	
2YY2G3	C	
4AVLWY	C	
4MHTUZ	C	
8C48UM	C	
8QLYMA	C	
9VYZFL	C	
DRXNLF	C	
ECEGQ3	C	
F7X4NM	C	
FQFDLE	C	
HFQK99	C	
HMJV3C	C	
HQWA7D	C	
JJ3WF9	C	
L2Y4M7	C	
L9FCEA	C	
NF8RJ7	C	
PZ6FN8	C	
Q66V6V	C	
QH9AAY	C	
QHRQCY	C	
QMZJD6	C	
QZRCND	C	
R379TP	C	
THVRN4	C	
UP2P79	C	
VC3AMW	C	
XVRCLW	C	
XZAYD2	C	
YCUDYV	C	N
Z3JP6V	C	

Mitochondrial DNA - HVRI Results

TABLE 5c - ITEM 3

Polymorphisms from Anderson Reference

	16114.0	16129.0	16213.0	16223.0	16278.0	16355.0	16362.0	16390.0
ITEM 3								
Q66V6V	M	A	R	Y	Y	Y	Y	R

Mitochondrial DNA - HVRI Results

TABLE 5d - ITEM 4

Polymorphisms from Anderson Reference

	16039.0	16129.0	16172.0	16304.0	16494.0	16519.0
ITEM 4						
2BU8BZ		A	C	C		
2PERVU		A	C	C		
2YY2G3		A	C	C		
4AVLWY		A	C	C		
4MHTUZ		A	C	C		
8C48UM		A	C	C		
8QLYMA		A	C	C		
9VYZFL		A	C	C		C
DRXNLF		A	C	C		
ECEGQ3		A	C	C		
F7X4NM		A	C	C		
FQFDLE		A	C	C		
HFQK99		A	C	C		
HMJV3C		A	C	C		
HQWA7D		A	C	C		
JJ3WF9		A	C	C		C
L2Y4M7		A	C	C	N	
L9FCEA		A	C	C		
NF8RJ7		A	C	C		
PZ6FN8		A	C	C		
Q66V6V		A	C	C		
QH9AAY		A	C	C		
QHRQCY		A	C	C		
QMZJD6		A	C	C		
QZRCND		A	C	C		
R379TP		A	C	C		
THVRN4		A	C	C		
UP2P79		A	C	C		
VC3AMW		A	C	C		
XVRCLW	N	A	C	C		
XZAYD2		A	C	C		
YCUDYV		A	C	C		
Z3JP6V		A	C	C		

Mitochondrial DNA - HVRI Results

TABLE 5e

Bases Sequenced: HVR I

WEBCODE	ITEM 1	ITEM 2	ITEM 3	ITEM 4
2BU8BZ	16001-16390	15998-16390		16001-16390
2PERVU	16005-16390	16005-16386	NA	16015-16377
2YY2G3	16005-16390	16005-16365	na	16013-16379
4AVLWY	16005-16390	16005-16390	NA	16005-16390
4MHTUZ	16001-16390	16001-16390	NA	16005-16386
8C48UM	16024-16391	16024-16391	Inc	16024-16391
8QLYMA	15998-16569	15998-16569		15998-16390
9VYZFL	16024-16569	16024-16569	Inc	16024-16569
DRXNLF	16024-16569	16024-16502	Inc	16024-16391
ECEGQ3	16012-16569	16012-16569	Not Reported	16012-16388
F7X4NM	16001-16390	15998-16390		15998-16390
FQFDLE	16024-16569	16024-16569	Inc	16024-16391
HFQK99	15994-16400	15994-16400		15994-16400
HMJV3C	16024-16390	16024-16390	16024-16390	16024-16390
HQWA7D	16001-16390	16001-16386	NA	16024-16386
JJ3WF9	16024-16569	16024-16569	Inc	16024-16569
L2Y4M7	16024-16501, 16550-16569	16024-16494, 16546-16569	Inc	16024-16502, 16552-16569
L9FCEA	16001-16390	16001-16385	NA	16003-16387
NF8RJ7	16008 - 16404	16006 - 16404		16005 - 16404
PZ6FN8	16006-16404	16006-16404		16003-16404
Q66V6V	16024-16400	16024-16400	16024-16400	16024-16400
QH9AAY	15994-16400	15994-16400	N/A	15994-16400
QHRQCY	15998-16390	15998-16390		15998-16390
QMZJD6	16000-16390	16000-16385	NA	16000-16365
QZRCND	16003-16390	16017-16366	NA	16000-16386
R379TP	16012-16569	16012-16569	Not Reported	15998-16390
THVRN4	15998-16404	15998-16404		15998-16404
UP2P79	16001-16390	16001-16366		16003-16386
VC3AMW	15970-16420	15970-16420		15970-16420
XVRCLW	16024-16569	16024-16569	Inc	16024-16391
XZAYD2	16000-16390	16006-16386		16001-16384
YCUDYV	16024-16569	16024-16515	Inc	16024-16391
Z3JP6V	16004-16404	16003-16403		16006-16401

Mitochondrial DNA - HVRII Results

TABLE 6a - ITEM 1

Polymorphisms from Anderson Reference

	73.0	150.0	152.0	182.0	195.0	198.0	204.0	263.0	315.1	418.0	492.0	493.0	500.0	502.0	511.0	523.0	524.0
ITEM 1																	
2BU8BZ	G	T	C	T	C	T	C	G	C								
2PERVU	G	T	C	T	C	T	C	G	C								
2YY2G3	G	T	C	T	C	T	C	G	C								
4AVLWY	G	T	C	T	C	T	C	G	C								
4MHTUZ	G	T	C	T	C	T	C	G	C								
8C48UM	G	T	C	T	C	T	C	G	C	T							
8QLYMA	G	T	C	T	C	T	C	G	C	T						D	D
9VYZFL	G	T	C	T	C	T	C	G	C	T						-	-
DRXNLF	G	T	C	T	C	T	C	G	C	T	N	N	N	N	N	-	-
ECEGQ3	G	T	C	T	C	T	C	G	C	T						D	D
F7X4NM	G	T	C	T	C	T	C	G	C INS								
FQFDLE	G	T	C	T	C	T	C	G	C	T						-	-
HFQK99	G	T	C	T	C	T	C	G	C								
HMJV3C	G	T	C	T	C	T	C	G	C								
HQWA7D	G	T	C	T	C	T	C	G	C								
JJ3WF9	G	T	C	T	C	T	C	G	C	T						-	-
L2Y4M7	G	T	C	T	C	T	C	G	C	T							
L9FCEA	G	T	C	T	C	T	C	G	C								
NF8RJ7	G	T	C	T	C	T	C	G	C								
PZ6FN8	G	T	C	T	C	T	C	G	C								
Q66V6V	G	T	C	T	C	T	C	G	C								
QH9AAY	G	T	C	T	C	T	C	G	C								
QHRQCY	G	T	C	T	C	T	C	G	C								
QMZJD6	G	T	C	T	C	T	C	G	C								
QZRCND	G	T	C	T	C	T	C	G	C								
R379TP	G	T	C	T	C	T	C	G	C	T						D	D
THVRN4	G	T	C	T	C	T	C	G	C								
UP2P79	G	T	C	T	C	T	C	G	C								
VC3AMW	G	T	C	T	C	T	C	G	C								
XVRCLW	G	T	C	T	C	T	C	G	C	T						-	-
XZAYD2	G	T	C	T	C	T	C	G	C								
YCUDYV	G	T	C	T	C	T	C	G	C	T						DEL	DEL
Z3JP6V	G	T	C	T	C	T	C	G	C								

Mitochondrial DNA - HVRII Results

TABLE 6b - ITEM 2

Polymorphisms from Anderson Reference

	72.0	93.0	195.0	263.0	309.1	315.1	404.0	500.0	505.0	527.0	532.0	546.0	554.0
ITEM 2													
2BU8BZ	C	G	C	G	C	C							
2PERVU	C	G	C	G	C	C							
2YY2G3	C	G	C	G	C	C							
4AVLWY	C	G	C	G	C	C							
4MHTUZ	C	G	C	G	C	C							
8C48UM	C	G	C	G	C	C							
8QLYMA	C	G	C	G	C	C							
9VYZFL	C	G	C	G	C	C							
DRXNLF	C	G	C	G	C	C	N	N	N				
ECEGQ3	C	G	C	G	C	C							
F7X4NM	C	G	C	G	C INS.	C INS.							
FQFDLE	C	G	C	G	C	C							
HFQK99	C	G	C	G	C	C							
HMJV3C	C	G	C	G	C	C							
HQWA7D	C	G	C	G	C	C							
JJ3WF9	C	G	C	G	C	C							
L2Y4M7	C	G	C	G	C	C							
L9FCEA	C	G	C	G	C	C							
NF8RJ7	C	G	C	G	C	C							
PZ6FN8	C	G	C	G	C	C							
Q66V6V	C	G	C	G	C	C							
QH9AAY	C	G	C	G	C	C							
QHRQCY	C	G	C	G	C	C							
QMZJD6	C	G	C	G	C	C							
QZRCND	C	G	C	G	C	C							
R379TP	C	G	C	G	C	C							
THVRN4	C	G	C	G	C	C							
UP2P79	C	G	C	G	C	C							
VC3AMW	C	G	C	G	C	C							
XVRCLW	C	G	C	G	C	C							
XZAYD2	C	G	C	G	C	C							
YCUDYV	C	G	C	G	C	C	N			N	N	N	N
Z3JP6V	C	G	C	G	C	C							

Mitochondrial DNA - HVRII Results

TABLE 6c - ITEM 3

Polymorphisms from Anderson Reference

	73.0	150.0	152.0	182.0	195.0	198.0	204.0	263.0	315.1
ITEM 3									
Q66V6V	G	Y	Y	Y	Y	Y	Y	G	C

Mitochondrial DNA - HVRII Results

TABLE 6d - ITEM 4

Polymorphisms from Anderson Reference

	73.0	249.0	263.0	315.1	523.0	524.0
ITEM 4						
2BU8BZ	G	-	G	C		
2PERVU	G	DEL	G	C		
2YY2G3	G	DEL	G	C		
4AVLWY	G	-	G	C		
4MHTUZ	G	-	G	C		
8C48UM	G	DEL	G	C		
8QLYMA	G	D	G	C		
9VYZFL	G	-	G	C	-	-
DRXNLF	G	-	G	C		
ECEGQ3	G	D	G	C		
F7X4NM	G	DEL A	G	C INS.		
FQFDLE	G	-	G	C		
HFQK99	G	-	G	C		
HMJV3C	G	DEL	G	C		
HQWA7D	G	-	G	C		
JJ3WF9	G	-	G	C	-	-
L2Y4M7	G	-	G	C	-	-
L9FCEA	G	-	G	C		
NF8RJ7	G	-	G	C		
PZ6FN8	G	-	G	C		
Q66V6V	G	DEL	G	C		
QH9AAY	G	:	G	C		
QHRQCY	G	-	G	C		
QMZJD6	G	-	G	C		
QZRCND	G	DEL	G	C		
R379TP	G	D	G	C		
THVRN4	G	-	G	C		
UP2P79	G	-	G	C		
VC3AMW	G	D	G	C		
XVRCLW	G	-	G	C		
XZAYD2	G	-	G	C		
YCUDYV	G	DEL	G	C		
Z3JP6V	G	-	G	C		

Mitochondrial DNA - HVRII Results

TABLE 6e

Bases Sequenced: HVR II

WEBCODE	ITEM 1	ITEM 2	ITEM 3	ITEM 4
2BU8BZ	49-407	52-399		49-407
2PERVU	51-400	54-395	NA	52-387
2YY2G3	52-381	52-376	na	52-393
4AVLWY	49-407	52-399	NA	51-407
4MHTUZ	52-407	52-399	NA	52-399
8C48UM	35-464	35-464	Inc	35-464
8QLYMA	1-536	1-536		35-369
9VYZFL	1-576	1-576	Inc	1-576
DRXNLF	1-526	39-526	Inc	35-369
ECEGQ3	1-532	1-536	Not Reported	39-368
F7X4NM	49-407	52-399		49-407
FQFDLE	1-576	1-576	Inc	35-464
HFQK99	35-409	34-409		35-409
HMJV3C	57-357	57-357	57-357	57-357
HQWA7D	49-399	52-399	NA	58-381
JJ3WF9	1-576	1-576	Inc	1-576
L2Y4M7	1-522	1-513	Inc	1-526
L9FCEA	52-399	52-399	NA	52-399
NF8RJ7	53 - 401	66 - 401		54 - 407
PZ6FN8	56-407	49-407		49-401
Q66V6V	68-365	68-365	68-365	68-365
QH9AAY	35-409	35-409	N/A	35-409
QHRQCY	49-407	49-401		49-407
QMZJD6	51-400	51-400	NA	51-400
QZRCND	51-383	49-370	NA	51-400
R379TP	1-536	1-532	Not Reported	50-361
THVRN4	49-407	49-407		49-407
UP2P79	51-399	60-395		51-399
VC3AMW	15-420	15-420		15-420
XVRCLW	1-576	1-576	Inc	35-369
XZAYD2	56-401	50-401		50-406
YCUDYV	1-531	39-559	Inc	35-369
Z3JP6V	56-407	56-400		49-401

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 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
22N8ZD	Yes	No	No	No	3C6XBA	Yes	No	No	No
232X8W	Yes	No	No	No	3FPLT2	Yes	No	No	No
23LWHU	Yes	No	No	No	3J2F8R	Yes	No	No	No
24DG8T	Yes	No	No	No	3JFQXJ	Yes	No	No	No
24X977	Yes	No	No	No	3JMVP4	No Interpretations Reported, DNA Analyzed for Database purposes only.			
28C3M4	Yes	No	No	No	3LT3BG	Yes	No	No	No
2BBRBH	Yes	No	No	No	3MYLXQ	Yes	No	No	No
2BU8BZ	Yes	No	No	No	3NYN3M	Yes	No	No	No
2KECBK	No Interpretations Reported, DNA Analyzed for Database purposes only.				3PU4FK	Yes	No	No	No
2MCHAR	Yes	No	No	No	3Q8V82	Yes	No	No	No
2MPCRD	Yes	No	No	No	3VZVNH	Yes	No	No	No
2PERVU	Inc	No	Inc	No	3WC8B7	Yes	No	No	No
2R4RH6	No Interpretations Reported, DNA Analyzed for Database purposes only.				3WER62	Yes	No	No	No
2XQAKZ	Yes	No	No	No	3WQ4NK	Yes	No	No	No
2YKZNT	Yes	No	No	No	3X43VU	Yes	No	No	No
2YY2G3	Inc	No	Inc	No	3XN8L3	Yes	No	No	No
32LQMZ	Yes, ec	No	No	No	3ZWJ6P	Yes	No	No	No
33ET4N	Yes	No	No	No	42JHXD	Yes	No	No	No
37XYQQ	Yes	No	No	No	4442LA	Yes	No	No	No
396JP6	Yes	No	No	No	47EG3B	Yes	No	No	No
3AHM9H		No		No	489NHM	Yes	No	No	No
3AZWYX	Yes	No	No	No	493EN2	Yes	No	No	No

TABLE 7

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
494LYN	Yes	No	No	No	68YNM7	No Interpretations Reported, DNA Analyzed for Database purposes only.			
4AVLWY	Inc	No	Inc	No	6929XD	Yes	No	No	No
4AXUZX	Yes	No	No	No	6ABHL6	Yes	No	No	No
4D8PCF	No Interpretations Reported, DNA Analyzed for Database purposes only.				6AQN2U	No Interpretations Reported, DNA Analyzed for Database purposes only.			
4DUMPM	Yes	No	No	No	6BKTTM	Yes	No	No	No
4F2D8H	Yes	No	No	No	6BW8N4	No Interpretations Reported, DNA Analyzed for Database purposes only.			
4F2FTF	Yes	No	No	No	6DBYCX	Yes	No	No	No
4KCBTJ	Yes	No	No	No	6EM98Y	Yes	No	No	No
4M3KTD	Yes	No	No	No	6QCC94	No Interpretations Reported, DNA Analyzed for Database purposes only.			
4MHTUZ	Inc	No	Inc	No	6QW47V	Yes	No	No	No
4MVKKW	No Interpretations Reported, DNA Analyzed for Database purposes only.				6TLAN7	Yes	No	No	No
4NDZ8Q	Yes	No	No	No	6UVE4F	No Interpretations Reported, DNA Analyzed for Database purposes only.			
4NTTTF	Yes	No	No	No	6W6VNL	Yes	No	No	No
4UKXPQ	Yes	No	No	No	6Z3HY2	Yes	No	No	No
4WJJ9G	Yes	No	No	No	6ZMPCT	Yes	No	No	No
4YPY98	No Interpretations Reported, DNA Analyzed for Database purposes only.				76ENB2	Yes	No	No	No
62XYBY	Yes	No	No	No	76QF64	Yes	No	No	No
6336K8	Yes	No	No	No	774UTD	Yes	No	No	No
638FG4	Yes	No	No	No	774WHH	Yes	No	No	No
64MXHN	Yes	No	No	No	77A8EN	Yes	No	No	No
66FT2Q	Yes	No	No	No	77Y9RK	Yes	No	No	No
67TQJV	Yes	No	No	No	79T4ZT	Yes	No	No	No
682BJC	Yes	No	No	No	7BYGQ8	Yes	No	No	No

TABLE 7

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
7G4HMV	Yes	No	No	No	8WELP2	Yes	No	No	No
7H3HTM	Yes	No	No	No	8X2XWF	Yes	No	No	No
7HYF7H	No Interpretations Reported, DNA Analyzed for Database purposes only.				97V79J	Yes	No	No	No
7HZXYR	Yes	No	No	No	98R6HW	Yes	No	No	No
7JQQKH	Yes	No	No	No	998ACN	Yes	No	No	No
7LJVMH	Yes	No	No	No	9FJZM2	No Interpretations Reported, DNA Analyzed for Database purposes only.			
7WXLXT	No Interpretations Reported, DNA Analyzed for Database purposes only.				9HACAD	Yes	No	No	No
7WYZHK	Yes	No	No	No	9J43FT	Yes	No	No	No
7Y4ZN8	Yes	No	No	No	9JYM27	Yes	No	No	No
7YWYH7	Yes	No	No	No	9MMXJK	Yes	No	No	No
83NAEJ	Yes	No	No	No	9NUEA4	Yes	No	No	No
86AZHA	Yes	No	No	No	9Q9NMA	Yes	No	No	No
889DY8	Yes	No	No	No	9TFU9B	No Interpretations Reported, DNA Analyzed for Database purposes only.			
8BWD A2	Yes	No	No	No	9VYZFL	Yes	No	No	No
8C48UM	Inc	No	Inc	No	9WU448	Yes	No	No	No
8CRLBD	No Interpretations Reported, DNA Analyzed for Database purposes only.				9WUJJ8	Yes	No	No	No
8EFX9X	No Interpretations Reported, DNA Analyzed for Database purposes only.				9X2W6F	No Interpretations Reported, DNA Analyzed for Database purposes only.			
8JFKHK	Yes	No	No	No	9X4C7Z	Yes	No	No	No
8LBXK6	Yes	No	No	No	9ZDGNV	Yes	No	No	No
8MQ4ZU	Yes	No	No	No	A46KX8	Yes	No	No	No
8NGFM8	Yes	No	No	No	A4PNKT	Yes	No	No	No
8QLYMA		No		No	A6JM72	Yes	No	No	No
8T77NH	Yes	No	No	No	A9GV7M	Yes	No	No	No

TABLE 7

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
AAVPVH	Yes	No	No	No	BJW8U6	Yes	No	No	No
ABK44Z	No Interpretations Reported, DNA Analyzed for Database purposes only.				BMXFCG	Yes	No	No	No
ACLVDU	Yes	No	No	No	BPKMP4	Yes	No	No	No
AGUCN4	Yes	No	No	No	BPMEGJ	Yes	No	No	No
AH98JN	Yes	No	No	No	BPPZBE	Yes	No	No	No
AL662M	Yes	No	No	No	BQF7TP	Yes	No	No	No
AMEFGD	Yes	No	No	No	BTMQBY	Yes	No	No	No
AP7D2R	Yes	No	No	No	BUH9EK	Yes	No	No	No
AWADME	Yes	No	No	No	BXF8UY	No Interpretations Reported, DNA Analyzed for Database purposes only.			
AWN8EU	Yes	No	No	No	BZ4F2E	Yes	No	No	No
AXEYZT	Yes	No	No	No	C2N3H8	No Interpretations Reported, DNA Analyzed for Database purposes only.			
AZTVUJ	Yes	No	No	No	C2TEGP	Yes	No	No	No
B38EC8	Yes	No	No	No	C8929F	Yes	No	No	No
B6EKY9	Yes	No	No	No	CBY9MB	Yes	No	No	No
B6U77P	Yes	No	No	No	CCRXCX	Yes	No	No	No
B7L74Z	Yes	No	No	No	CCWX8C	Yes	No	No	No
B8EY4K	Yes	No	No	No	CE3XEJ	Yes	No	No	No
B9FL3C	Yes	No	No	No	CE8QNY	Yes	No	No	No
BB38RT	Yes	No	No	No	CEM4PN	Yes	No	No	No
BCV8N4	Yes	No	No	No	CFC84B	Yes	No	No	No
BE64GM	Yes	No	No	No	CFQF96	Yes	No	No	No
BEG6L9	No Interpretations Reported, DNA Analyzed for Database purposes only.				CG6X9P	Yes	No	No	No
BJGBF8	Yes	No	No	No	CHJVRT	Yes	No	No	No

TABLE 7

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
CMBCDE	No Interpretations Reported, DNA Analyzed for Database purposes only.				DPWTR6	Yes	No	No	No
CR7TFD	Yes	No	No	No	DRXNLF	Inc	No	Inc	No
CTXE3W	No Interpretations Reported, DNA Analyzed for Database purposes only.				DTT8P3	Yes	No	No	No
CUAN22	Yes	No	No	No	DTWEMA	Yes	No	No	No
CUCNBW	Yes	No	No	No	DWWMVQ	Yes	No	No	No
CVPNJ7	Yes	No	No	No	DZTN3U	Yes	No	No	No
CWXXC3	Yes	No	No	No	DZZNBA	Yes	No	No	No
CY6HY3	Yes	No	No	No	E2LWMH	Yes	No	No	No
CYM8JJ	Yes	No	No	No	E2LYDM	Yes	No	No	No
CZFRYA	Yes	No	No	No	E3WRDG	Yes	No	No	No
D3HXAA	Yes	No	No	No	E4ALV3	Yes	No	No	No
D6QTNR	Yes	No	No	No	E62GFP	Yes	No	No	No
D7L92N	Yes	No	No	No	E6769H	Yes	No	No	No
D8F2W8	Yes	No	No	No	E7HHG7	Yes	No	No	No
D8FY73	Yes	No	No	No	E9J8TT	Yes	No	No	No
D9QBXZ	Yes	No	No	No	EA2Y7J	Yes	No	No	No
DECAN9	Yes	No	No	No	EC9Q78	Yes	No	No	No
DERQJ2	Yes	No	No	No	ECEGQ3		No		No
DF3VGX	No Interpretations Reported, DNA Analyzed for Database purposes only.				ECMGRW	Yes	No	No	No
DGZ9TB	Yes	No	No	No	EDEHP8	Yes	No	No	No
DGZ9VW	Yes	No	No	No	EGXDRY	Yes	No	No	No
DJNJBB	Yes	No	No	No	EMND27	Yes	No	No	No
DK4JUJ	Yes	No	No	No	EPDAJR	Yes	No	No	No

TABLE 7

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
ET7BHK	Yes	No	No	No	FXJD73	Yes	No	No	No
EUN3VC	Yes	No	No	No	FXUFD9	Yes	No	No	No
EV8HL6	No Interpretations Reported, DNA Analyzed for Database purposes only.				FXZZPW	Yes	No	No	No
EWQQ4R					FYP26E	Yes	No	No	No
EZWGJ3	Yes	No	No	No	FZ6M6M	Yes	No	No	No
F3D99A	Yes	No	No	No	G2EPF8	Yes	No	No	No
F6FDE3	Yes	No	No	No	G38FLL	Yes	No	No	No
F6JW37	Yes	No	No	No	G6WNT2	Yes	No	No	No
F6K3VE	Yes	No	No	No	G82AMT	Yes	No	No	No
F7X4NM	Yes	No	No	No	G8HL6Y	Yes	No	No	No
F93B3E	Yes	No	No	No	GBKEBQ	Yes	No	No	No
FAEHE3	Yes	No	No	No	GBNUQC	Yes	No	No	No
FB9VQE	Yes	No	No	No	GCEFEE	Yes	No	No	No
FBTGKP	Yes	No	No	No	GE2WBM	Yes	No	No	No
FC4QMH	Yes	No	No	No	GH4328	Yes	No	No	No
FC4QP4	Yes	No	No	No	GHH7HY	Yes	No	No	No
FH76Z8	Yes	No	No	No	GHKCXE	Yes	No	No	No
FJ89C2	No Interpretations Reported, DNA Analyzed for Database purposes only.				GHWQTW	No, Brent; No, Hema	No	No	No
FQ2DWC	Yes	No	No	No	GKLT6C	Yes	No	No	No
FQFDLE	Yes	No	No	No	GKU9JH	Yes	No	No	No
FUWWNG	Yes	No	No	No	GLLRK4	Yes	No	No	No
FVFHJT	Yes	No	No	No	GNNV4D	Yes	No	No	No
FWL38T	Yes	No	No	No	GQX9YE	Yes	No	No	No

TABLE 7

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
GR62JZ	No Interpretations Reported, DNA Analyzed for Database purposes only.				JBV3DU	Yes	No	No	No
GRRY4T	No Interpretations Reported, DNA Analyzed for Database purposes only.				JFAKTP	No Interpretations Reported, DNA Analyzed for Database purposes only.			
GUFWAY	Yes	No	No	No	JHH46K	No Interpretations Reported, DNA Analyzed for Database purposes only.			
GV9TV8	Yes	No	No	No	JJ3WF9	Yes	No	No	No
GZ3FDE	No Interpretations Reported, DNA Analyzed for Database purposes only.				JKFJM3	No Interpretations Reported, DNA Analyzed for Database purposes only.			
H8XK3A	Yes	No	No	No	JLBWNM	Yes	No	No	No
H9WMRD	Yes	No	No	No	JQPZNH	Yes	No	No	No
HD3FMA	Yes	No	No	No	JRKZT4	Yes	No	No	No
HFA73K	Yes	No	No	No	JRZCFE	Yes	No	No	No
HFQK99	Yes	No	No	No	JTCRR8	Yes	No	No	No
HHYEBZ	Yes	No	No	No	JX9PA8	No Interpretations Reported, DNA Analyzed for Database purposes only.			
HJC2QT	Yes	No	No	No	JYLCT7	Yes	No	No	No
HLXX78	Yes	No	No	No	K4BAV3	Yes	No	No	No
HMJV3C	Yes	No	No	No	K66Z2G	Yes	No	No	No
HQ7G6Y	Yes	No	No	No	K68KVC	Yes	No	No	No
HQBQ8X	Yes	No	No	No	K7HWJL	Yes	No	No	No
HQWA7D	Inc	No	Inc	No	K7WZYR	Yes	No	No	No
HWJ8H8	Yes	No	No	No	KGFBVR	Yes	No	No	No
HXRC9N	Yes	No	No	No	KJQ6F6	Yes	No	No	No
HY4YRN	Yes	No	No	No	KPBCQH	No Interpretations Reported, DNA Analyzed for Database purposes only.			
HYKTDB	Yes	No	No	No	KPN4JZ	Yes	No	No	No
HYMBJM	Yes	No	No	No	KPP2UV	Yes	No	No	No
HZGKF6	Yes	No	No	No	KQ9NQR	Yes	No	No	No

TABLE 7

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
KRNF3T	Yes, Hem +; No, Brent +	No	No, Hem + & Brent +	No	LP7BMW	Yes	No	No	No
KU77Q6	No Interpretations Reported, DNA Analyzed for Database purposes only.				LQ2ZKX	Yes	No	No	No
KUNDU2	Yes	No	No	No	LRC7D8	Yes	No	No	No
KVG4ZF	Yes	No	No	No	LRXW7R	Yes	No	No	No
KVKNUB	Yes	No	No	No	LT8HKE	No Interpretations Reported, DNA Analyzed for Database purposes only.			
KVFWZ	Yes	No	No	No	LWMXB7	Yes	No	No	No
KWA4XR	Yes	No	No	No	LXLLPG	Yes	No	No	No
KYKAQZ	Yes	No	No	No	LYU7NW	Yes	No	No	No
L2Y4M7	Inc	No	Inc	No	M7PTNV	Yes	No	No	No
L49YGB	Yes	No	No	No	MBLKAR	Yes	No	No	No
L4PXRN	Yes	No	No	No	MDAJJ4	Yes	No	No	No
L7E7Z4	Yes	No	No	No	MDQ9PH	Yes	No	No	No
L8QT4G	Yes	No	No	No	MFFGXX	Yes	No	No	No
L9FCEA	No Interpretations Reported, DNA Analyzed for Database purposes only.				MJGAKN	Yes	No	No	No
LBQCFA	Yes	No	No	No	MKTTYU	Yes	No	No	No
LDFLMQ	Yes	No	No	No	ML3WEW	Yes	No	No	No
LE6R72	Yes	No	No	No	MN9G3W	Yes	No	No	No
LFVDYQ	Yes	No	No	No	MUGDVQ	Yes	No	No	No
LGUPML	Yes	No	No	No	MW8TY	Yes	No	No	No
LJ3B7E	Yes	No	No	No	MXF49C	No Interpretations Reported, DNA Analyzed for Database purposes only.			
LJ3U6F	Yes	No	No	No	MY9W4V	Yes	No	No	No
LMZTMF	Yes	No	No	No	MZ6ZNB	Yes	No	No	No
LNVYXK	Yes	No	No	No	N7LGQR	Yes	No	No	No

TABLE 7

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
N9BWU8	Yes	No	No	No	PD6FPW	Yes	No	No	No
NB2TRE	Yes	No	No	No	PGK7T7	Yes	No	No	No
NCRH2E	Yes	No	No	No	PHUX48	Yes	No	No	No
ND34E2	No Interpretations Reported, DNA Analyzed for Database purposes only.				PLEDKA	Yes	No	No	No
NF8RJ7	Inc	No	Inc	No	PMAVNW	Yes	No	No	No
NGACTT	Yes	No	No	No	PR2TZL	Yes	No	No	No
NGR2C9	Yes	No	No	No	PUQ4W7	Yes	No	No	No
NHYRV9	Yes	No	No	No	PY66DQ	Yes	No	No	No
NP2U3U	Yes	No	No	No	PZ6FN8	Inc	No	Inc	No
NP2ZWN	Yes	No	No	No	PZTKG8	Yes	No	No	No
NR8PT7	Yes, e; No, sp	No	No, sp & e	No	PZTM7B	No Interpretations Reported, DNA Analyzed for Database purposes only.			
NXDEEJ	Yes	No	No	No	Q3FLVU	Yes	No	No	No
NZY6HA	Yes	No	No	No	Q3FLXE	Yes	No	No	No
P23RHE	Yes	No	No	No	Q3KWXR	Yes	No	No	No
P3Z2U6	Yes	No	No	No	Q66V6V	Yes	No	No	No
P4W7YH	Yes	No	No	No	Q6JFKX	Yes	No	No	No
P73Y6X	Yes	No	No	No	Q6MXZA	Yes	No	No	No
P8BLPA	Yes	No	No	No	Q8BW6D	Yes	No	No	No
P8C4HL	Yes	No	No	No	Q97F9Z	Yes	No	No	No
P8WPBC	Yes	No	No	No	QBRV69	Yes	No	No	No
P97R43	Yes	No	No	No	QBFY3	Yes	No	No	No
P9YN7C	Yes	No	No	No	QEEB2V	Yes	No	No	No
PCPQB6	Yes	No	No	No	QEMTE8	Yes	No	No	No

TABLE 7

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
QFPMNJ	Yes	No	No	No	R948F7	Yes	No	No	No
QGY8H9	No Interpretations Reported, DNA Analyzed for Database purposes only.				RAGL4F	Yes	No	No	No
QGYWGG	Yes	No	No	No	RAXVWG	Yes	No	No	No
QH9AAY	Yes	No	No	No	RD8Q8Y	Yes	No	No	No
QHRQCY	Yes	No	No	No	RE4A4X	Yes*	No	No	No
QJ6H6G	Yes	No	No	No	RGEBL6	No Interpretations Reported, DNA Analyzed for Database purposes only.			
QJD6CN	Yes	No	No	No	RH92RJ	Yes	No	No	No
QJM7NW	Yes	No	No	No	RKELFJ	Yes	No	No	No
QL8UTN	Yes	No	No	No	RKEP6N	Yes	No	No	No
QMZJD6	No Interpretations Reported, DNA Analyzed for Database purposes only.				RMGY6R	Yes	No	No	No
QPCLGA	Yes	No	No	No	RPQUJA	Yes	No	No	No
QQ8W4J	Yes	No	No	No	RQ7RFF	Yes	No	No	No
QUWE33	Yes	No	No	No	RWAAHT	Yes	No	No	No
QW268W	Yes	No	No	No	RWL6PT	No Interpretations Reported, DNA Analyzed for Database purposes only.			
QY3WKX	Yes	No	No	No	RXUFHQ	No Interpretations Reported, DNA Analyzed for Database purposes only.			
QYDNK2	Yes	No	No	No	RZ6RLR	Yes	No	No	No
QZRCND	Inc	No	Inc	No	T3VKA3	Yes	No	No	No
R2ZAPE	Yes	No	No	No	TB88AC	Yes	No	No	No
R379TP		No		No	TDA3WK	Yes	No	No	No
R3UZT9	Yes	No	No	No	TDEEHW	Yes	No	No	No
R3XXCD	Yes	No	No	No	TEN4QU	Yes	No	No	No
R47Q3C	No Interpretations Reported, DNA Analyzed for Database purposes only.				TFFP94	Yes	No	No	No
R7WBUW	Yes	No	No	No	TFTTPW	No Interpretations Reported, DNA Analyzed for Database purposes only.			

TABLE 7

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
TGAFEJ	Yes	No	No	No	UF9C9U	Yes	No	No	No
TGNG4L	Yes	No	No	No	UFTJJX	Yes	No	No	No
THVRN4	Inc	No	Inc	No	UFTL93	Yes	No	No	No
TJEYH7	Yes	No	No	No	UG4VDF	Yes	No	No	No
TKPH74	Yes	No	No	No	UGNPXQ	Yes	No	No	No
TL662H	Yes	No	No	No	UJAFZF	Yes	No	No	No
TMFHRE	Yes	No	No	No	UKEAG9	Yes	No	No	No
TMWQJU	Yes	No	No	No	ULF2NG	Yes	No	No	No
TQWE6N	Yes	No	No	No	UMB6C3	Yes	No	No	No
TRRM4E	Yes	No	No	No	UMP9FM	No Interpretations Reported, DNA Analyzed for Database purposes only.			
TTLLMZ	Yes	No	No	No	UN2MG4	Yes	No	No	No
TV9F88	Yes	No	No	No	UNMG2E	Yes	No	No	No
TWJRWJ	Yes	No	No	No	UP2BVD	Yes	No	No	No
TYQMMU	Yes	No	No	No	UP2P79	Yes	No	No	No
TZ2JUJ	Yes	No	No	No	UV9AFY	Yes	No	No	No
U73Z46	Yes	No	No	No	UW3TJL	Yes	No	No	No
U7RJ4T	Yes	No	No	No	UWWPJF	No Interpretations Reported, DNA Analyzed for Database purposes only.			
U8ZTWP	Yes	No	No	No	UWWR9J	Yes	No	No	No
U9C6JE	Yes	No	No	No	UXTRJH	Yes	No	No	No
UALPC3	No Interpretations Reported, DNA Analyzed for Database purposes only.				V277UN	Yes	No	No	No
UCBJ74	Yes	No	No	No	V6KYAV	Yes	No	No	No
UCCQHQ	Yes	No	No	No	V7U93T	Yes	No	No	No
UD4ACH	Yes	No	No	No	V9AZWX	Yes	No	No	No

TABLE 7

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
VA4TRF	Yes	No	No	No	WGFCHT	Yes	No	No	No
VBDZQ3	Yes	No	No	No	WGH4BA	Yes	No	No	No
VBY3Q6	Yes	No	No	No	WHP44Z	Yes	No	No	No
VC3AMW	Yes	No	No	No	WJ39QJ	No Interpretations Reported, DNA Analyzed for Database purposes only.			
VGX2VU	Yes	No	No	No	WKFKM4	Yes	No	No	No
VGYJX4	Yes	No	No	No	WLM67W	Yes	No	No	No
VHJZGD	Yes	No	No	No	WMZRQW	Yes	No	No	No
VJQRGZ	Yes	No	No	No	WPD244	Yes	No	No	No
VL6RXZ	Yes	No	No	No	WPPZXD	Yes	No	No	No
VLW9WJ	Yes	No	No	No	WU4YM7	Yes	No	No	No
VQQYTZ	Yes	No	No	No	WVYHRR	Yes	No	No	No
VQR4DX	Yes	No	No	No	WW9RDX	Yes	No	No	No
VRBJ4Q	Yes	No	No	No	WWQKCM	Yes	No	No	No
W2KN8	Yes	No	No	No	WWUM6U	Yes	No	No	No
W72A69	Yes	No	No	No	X2BVA6	Yes	No	No	No
W8TXA2	Yes	No	No	No	X3UEU4	Yes	No	No	No
W9MQ6K	Yes	No	No	No	X63NQ8	No Interpretations Reported, DNA Analyzed for Database purposes only.			
WADH4R	Yes	No	No	No	X6HK2Y	Yes	No	No	No
WAH8J3	Yes	No	No	No	X9HYZ6	Yes	No	No	No
WBCXNW	Yes	No	No	No	XAAM8J	Yes	No	No	No
WDZYLC	No Interpretations Reported, DNA Analyzed for Database purposes only.				XBQ9UM	Yes	No	No	No
WEBAN3	Yes	No	No	No	XCKYZ2	Yes	No	No	No
WF6ZUG	Yes	No	No	No	XFZMGT	Yes	No	No	No

TABLE 7

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
XFZP7W	Yes	No	No	No	YGN6AD	Yes	No	No	No
XGFQ9Y	Yes	No	No	No	YGQHPY	Yes	No	No	No
XKWGP9	Yes	No	No	No	YHLQM6	Yes	No	No	No
XKXXNL	Yes	No	No	No	YKK8HL	Yes	No	No	No
XPRD98	No Interpretations Reported, DNA Analyzed for Database purposes only.				YKRN3K	Yes	No	No	No
XQDR9W	Yes	No	No	No	YMXG9Y		No		No
XQEMTM	Yes	No	No	No	YNGVYT	Yes	No	No	No
XUVW3K	No Interpretations Reported, DNA Analyzed for Database purposes only.				YQF8P9	Yes	No	No	No
XVRCLW	Inc	No	Inc	No	YQXUQH	Yes	No	No	No
XX6UVU	Yes	No	No	No	YT4EEH	Yes	No	No	No
XZAYD2	Yes	No	No	No	YVU28Q	Yes	No	No	No
XZQLYK	Yes	No	No	No	YXEBG7	Yes	No	No	No
Y3Q8AM	Yes	No	No	No	YXJ9P3	Yes	No	No	No
Y4J727	Yes	No	No	No	YYUKEE	Yes	No	No	No
Y79F9M	Yes	No	No	No	Z3JP6V	Inc	No	Inc	No
Y7A7MH	Yes	No	No	No	Z3N27X	Yes	No	No	No
YCUDYV	Inc	No	Inc	No	Z6ANYL	Yes	No	No	No
YDBPGZ	No Interpretations Reported, DNA Analyzed for Database purposes only.				Z6VL6D	Yes	No	No	No
YEKMYN	Yes	No	No	No	Z7MEPG	Yes	No	No	No
YFDE63	Yes	No	No	No	Z8XU4V	Yes	No	No	No
YFDMQ8	Yes	No	No	No	ZA6CJY	Yes	No	No	No
YFU3D3	Yes	No	No	No	ZAHA8Q	Yes	No	No	No
YG7E3E	Yes	No	No	No	ZDM6L7	Yes	No	No	No

TABLE 7

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
ZFWGEN	Yes	No	No	No					
ZG9U4X	Yes	No	No	No					
ZJRH76	Yes	No	No	No					
ZM6JUW	Yes	No	No	No					
ZN82DE	Yes	No	No	No					
ZNLXUX	Yes	No	No	No					
ZQD47G	Yes	No	No	No					
ZQE783	Yes	No	No	No					
ZTE69Z	Yes	No	No	No					
ZTT42H	Yes	No	No	No					
ZUG3YH	Yes	No	No	No					
ZV93WT	Yes	No	No	No					
ZWZGZX	Yes	No	No	No					
ZY9WMN	Yes	No	No	No					
ZZ4K2D	Yes	No	No	No					

Response Summary			Participants reporting DNA results: 611			
<i>Based on results obtained from DNA analysis, could the Victim (Item 1) and/or the Suspect (Item 2) be a contributor to the questioned stains (Items 3 & 4)?</i>						
Responses		Victim (Item 1)		Suspect (Item 2)		
		Item 3	Item 4	Item 3	Item 4	
	Yes	532	0	0	0	
	No	1	553	533	553	
	Inc	15	0	15	0	

Participants not reporting Interpretation results: 58

Additional Comments

TABLE 8

WebCode	Additional Comments
24X977	Male screening with Plexor HY: Item 3: Positive (6.304 ng/uL); Item 4: Positive (2.373 ng/uL). A mixture of DNA from at least two individuals was obtained from Item 3 (Epithelial Fraction). The victim cannot be excluded as a possible contributor to this DNA mixture. The foreign alleles are consistent with the Sperm Fraction of Item 3. It is not uncommon that incomplete separation may occur when a differential extraction is performed. These results are acceptable and concordant with sample being tested.
28C3M4	Detection of male DNA (Plexor HY): Item 3: Positive (7.011 ng/uL (Y)). Item 4: Positive (0.6965 ng/uL (Y)).
2KECBK	No Mitochondrial tests performed on Items 1 or 2. No testing performed on Items 3 or 4.
33ET4N	Full report in lab case file.
3AHM9H	Item 3 tested positive for a blood/semen mixture. I am not qualified at this time to do a differential extraction, so analysis of item 3 stopped after screening. No STR results were obtained for the substrate control (item 4sc).
3J2F8R	Reference samples are typed with both STR amplification kits: Identifiler and PowerPlex 16; evidence samples are typed with Identifiler only.
3Q8V82	The non-sperm fraction of item 3 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from the male. No alleles are present that cannot be attributed to either the victim or the male donor from the sperm fraction. Minifiler was also used to amplify all samples. Concordant results were obtained with all items for Identifiler Plus and Minifiler
3XN8L3	Minifiler was also used to amplify all samples. Concordant results were obtained with all items for Identifiler Plus and Minifiler. The non-sperm fraction of item 3 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from the male. No alleles are present that cannot be attributed to either the victim or the male donor from the sperm fraction.
3ZWJ6P	MiniFiler results for Item 1 concordant with results obtained from Identifiler Plus.
4AXUZX	Only Item 4 was amplified and typed with YSTRs to satisfy the FBI/QAS requirement for different technologies and to compare sample to the consensus Y- STR results. The Data Interpretation results are based on Identifiler Plus and Identifiler Direct data.
4D8PCF	No Mitochondrial test performed on Items 1 or 2. No tests performed on Items 3 or 4.
4DUMPM	Sexual assault case samples are screened in the Forensic Biology unit before being tested by the DNA Unit. Samples #3 and #4 were tested in Forensic Biology with the following results: #3 positive for sperm, positive for semen, negative for saliva. #4 negative for semen. All serological testing detailed on page 2 [Table 1] was done by a Forensic Biology analyst only, except for KM. KM was the only test listed on this page that was done by the DNA analyst.
4KCBTJ	1. Item 1 and Item 2 were amplified using AmpFiSTR Identifiler Direct Kit. 2. Item 3 and Item 4 were extracted by using chelex extraction method. 3. Quantification was carried out by using Quantifiler Human DNA Quantification Kit. 4. Item 3 and Item 4 were amplified by using AmpFiSTR Identifiler Plus Kit. 5. AmpFiSTR Yfiler Kit was used for Y-STR analysis. 6. Reagent blank, positive control and negative control were also carried out throughout the analysis.
4NDZ8Q	An additional peak was detected in the e fraction of Item 3 at D2S1338. This peak was deemed inconclusive given the possibility of it being high stutter (0.276% above stutter filter).
4NTTTF	An additional peak (12) detected at genetic locus DYS439 in the epithelial fraction of item 3 appears to be consistent with elevated n+4/n-4 stutter.
4WJJ9G	Specimen "Questioned stain from the victim's shirt" stain 1 was analyzed using our high sensitivity DNA testing procedures in addition to our regular procedures. High sensitivity DNA testing results are concordant with the reported results.
79T4ZT	Part 1: The AP test conducted on Item 4 was inconclusive due to the presence of the reddish-brown staining - a weak positive result cannot be ruled out.

TABLE 8

WebCode	Additional Comments
8C48UM	Item 3 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
8MQ4ZU	^ indicates peaks fell below the stochastic threshold # indicates the associated sperm donor profile was subtracted
8QLYMA	Items 1,2,3 and 4 were processed for Mitochondrial DNA analysis only. A serological evaluation was not performed as it is not necessary to determine the method of processing for mtDNA analysis. A differential extraction, designed to separate sperm heads from epithelial cells, was not performed since it cannot separate mtDNA from multiple contributors. A mixed mtDNA profile was obtained from Item 3 and the data is not reported because there is no validated protocol for the deconvolution of a mixed mtDNA profile. Since Item 3 is not reported, no interpretation can be made between Item 1 and Item 3 as well as between Item 2 and Item 3.
8WELP2	Human blood detected on Items 3 and 4 with the ABACard HemaTrace test.
998ACN	^ - possible stutter
9TFU9B	Items 3 and 4 were not tested/analyzed.
9VYZFL	The mtDNA for Item 3 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
9ZDGNV	A mixed DNA profile was obtained in the epithelial fraction from Item 3. Minor alleles were consistent with the male DNA profile obtained from Item 1.
A6JM72	19 allele present at DYS576 in the epithelial fraction of item 3. The 19 allele is consistent with being a combination of N-4 and N+4 stutter. It is within allowable percentages (not elevated).
AAVPVH	N/T = Not Tested
AMEFGD	N/A = Not Applicable
BEG6L9	No Mitochondrial tests were performed on Items 1 or 2. No tests performed on Items 3 or 4.
BPKMP4	The Victim (Item 1) could be a contributor to the epithelial (non-sperm) fraction of Item 3. The Victim is excluded as a contributor to the sperm fraction of Item 3.
C2N3H8	No mitochondrial testing performed on Item 1 or 2. No testing performed on Items 3 and 4.
CBY9MB	For the epithelial cell fraction of Item 3, a major profile was called at D8S1179, D21S11, D3S1358, TH01, D13S317, D2S1338, D19S433, vWA, D18S51, Amelogenin, D5S818, and FGA.
CR7TFD	DNA analyst performed KM testing. Additional screening tests were performed by a forensic biologist. Results from Identifiler Plus tests and MiniFiler tests were consistent.
D9QBXZ	Full female profile was detected in differential blank (sperm fraction); however, this did not interfere in interpretation. The profile detected was not due to contamination from any samples in this batch, nor could it be attributed to a staff member or known vendor.
DRXNLF	Item 3 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
E2LYDM	Additional alleles, not reported in report, were observed within the STR and Y-STR data for 14-575.3 that may be attributed to either PCR artifacts (stutter) or true alleles from a minor. Also, the first sampling of 14-575.4 yielded a mixture w/ the major consistent w/ the single source profile obtained from a re-extract of 14-575.4. The minor is unexplained by staff or data from with-in this proficiency.
E62GFP	The non-sperm fraction of item 3 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA. No alleles are present that cannot be attributed to either the victim or the male donor from the sperm fraction.
ECEGQ3	A serological evaluation was not performed as it is not necessary to determine the method of processing for mtDNA analysis. A differential extraction, designed to separate sperm heads from epithelial cells, was not performed since it cannot separate mtDNA from multiple contributors. A mixed mtDNA profile was

TABLE 8

WebCode	Additional Comments
	obtained from Item 3 and the data is not reported because there is no validated protocol for the deconvolution of a mixed mtDNA profile. Since Item 3 is not reported, no interpretation can be made between Item 1 and Item 3, and Item 2 and Item 3.
EDEHP8	1. Item 1 and Item 2 were amplified using AmpFISTR Identifiler Direct Kit. 2. Item 3 and Item 4 were extracted using chelex extraction method. 3. DNA quantification was carried out using Quantifiler Human DNA Quantitation Kit on 7500 Real-Time PCR. 4. Item 3 and Item 4 were amplified using AmpFISTR Identifiler Plus Kit. 5. Amplification of Y-STR was carried out using AmpFISTR Y-File Amplification Kit. 6. Capillary electrophoresis was carried out using the Applied Biosystems 3130xl Genetic Analyzer with GeneMapper ID Software. 7. Reagent blank, positive control and negative control were carried out throughout the analysis.
EMND27	[From Table 1 - Serology Screening Results, Items 3 & 4: "p30 equals PSA".]
EV8HL6	No Mitochondrial tests were performed on Items 1 or 2 and no tests were performed on Items 3 or 4.
F6FDE3	Elevated stutter (n+4: 2.9%) was observed in the non-sperm fraction of Item 3 (3AN/3e) at genetic locus D7S820. RSID = Rapid Stain Identification.
FQ2DWC	Minifiler STR DNA testing was performed on all items. The Minifiler results for these items are concordant with the results from the same loci occurring in the Identifiler Plus kit. Neither Y-STR, nor mitochondrial DNA testing were performed.
FQFDLE	mtDNA results for Item 03A are being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
GKU9JH	Case screened in the forensic biology section prior to being transferred to DNA. Tests for semen were performed by Forensic Biology Section. KM test performed by DNA analyst.
GRACLY	FOR BIOLOGY SCREENING ONLY
H8XK3A	Mitochondrial and Y-STRs are not performed in this lab.
HD3FMA	No Mito/Y testing performed
HFQK99	[From Table 5c & 6c - Mitochondrial DNA - HVRI & HVRII Results, Item 3: "Not tested because STR DNA mixture detected for this item. From Table 6d - Mitochondrial DNA - HVRII results, Item 4: ": = deletion"]
HMJV3C	For Item 3, we have not performed HVR1 and HVR2 analysis, since we normally also don't analyse mtDNA in mixed samples.
HY4YRN	Male DNA Detection (Plexor HY) Item 3: Male DNA detected (9.108 ng/uL). Item 4: Male DNA detected (1.212 ng/uL).
HZGKF6	1. Item 1 and 2 were extracted using in-situ method. 2. Item 3 and 4 were extracted using Chelex method. 3. Item 3 and 4 were quantitated using Quantifiler Human DNA Quantification kit with 7500 Real Time PCR Systems. 4. Item 1 and 2 were amplified using AmpFISTR Identifiler Direct and YFiler kit. 5. Item 3 and 4 were amplified using AmpFISTR Identifiler Plus and YFiler kit. 6. Electrophoresis of Item 1, 2, 3 and 4 were carried out using Genetic Analyzer 3130xl. 7. Reagent Blank, Positive Control and Negative Control were carried out throughout the analysis.
JHH46K	Further amplifications were carried out on Item 3e, Item 3s and Item 4 using SGM Plus STR kit. The results were concordant with Identifiler typing of these samples at the loci in common
JJ3WF9	The LCN-Yfiler protocol was performed on Item 2. The profile generated was consistent with Yfiler results. Item 3 is being reported as inconclusive in the mtDNA due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
JKFJM3	i. No Mitochondrial tests performed on Items 1 or 2. ii. No tests performed on Items 3 or 4.
JLBWNM	NR = No Interpretable result. ^ = Allele below stochastic threshold. A differential extraction was done on Item 4 because it tested P30 positive. Item 4 was reported inconclusive, due to the fact that the confirmatory test for semen (sperm search) was negative, and the presumptive test for semen (P30/PSA) was reported as weak positive.

TABLE 8

WebCode	Additional Comments
JQPZNH	Laboratory policy allows for analyst discretion, based upon training and experiee[sic] in the selection of screening tests being performed.
JTCRR8	Y-STR and mitochondrial DNA testing not performed at this laboratory
KGFVBR	Note: The scenario is in relation to a sexual assault. I am unable to perform laboratory testing in relation to semen as I am not authorised in this area. I have performed testing in relation to blood only.
KQ9NQR	*Pheno = phenolphthalein
L2Y4M7	Item 3 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
LFVDYQ	Item 2 can be excluded as the donor of the DNA on Item 3 and Item 4.
LJ3B7E	# indicates the subtraction of the associated sperm fraction
LYD87T	For Biology Screening Only
LYU7NW	For Item 3, e fraction, no result was recorded for D22S1045 since (the alleles observed were 14,15,16,17) it was observed during validation that there is a potential for increased stutter at this trinucleotide location which can result in peaks that exceed the stutter cut-off for D22. Our SOP dictates that we do not record a result whe[sic] it appears that increased stutter may be contributing to the alleles at D22.
M7PTNV	Reporting PowerPlex Fusion results on test. PowerPlex 16HS results were concordant at the overlapping loci between the kits.
MN9G3W	Minifiler results for items 3, 4, 1, and 2 are concordant with the Identifiler Plus results (at the corresponding loci).
MZ6ZNB	Sexual assault cases are screened in the Forensic Biology unit prior to being processed in the DNA unit.
N9BWU8	Item 1 and Item 2 were extracted using in-situ method and amplified using AmpFISTR Identifiler Direct and Yfiler PCR Kit. Item 3 and Item 4 were extracted using Chelex extraction method. Item 3 and Item 4 quantified using Quantifiler Human DNA Quantification[sic] Kit from Applied Biosystem and carried out by Real-Time PCR 7500, then amplified using AmpFISTR Identifiler Plus and Yfiler PCR Kit. The electrophoresis was carried out for Item 1, Item 2, Item 3 and Item 4 on Genetic Analyzer 3130xl. Reagent blank, negative and positive control were carried out along with the analysis.
NB2TRE	Item 3 tested positive for AP, PSA, and Micro but was negative for ALS.
NF8RJ7	Item #2: At 303 and 309, presence of 8 and 9 C's. Item #3: Mixture. Item #4: "-" denotes deletion
NHYRV9	The DNA detected in epithelial cell fraction of Item 3 is a mixture of at least two individuals with at least one male contributor. The victim (Item 1) cannot be excluded as a contributor of the DNA detected in the epithelial cell fraction of this mixture. The suspect (Item 2) is excluded as a contributor of the DNA detected in both the /EC and /SP fractions of Item 3. The DNA detected in the sperm cell fraction of Item 3 appears to originate from a single male individual. The victim (Item 1) is excluded as the source of ths[sic] DNA. The source of this DNA is an unknown male. This unknown male cannot be excluded as a contributor to the mixture detected in the /EC fraction of Item 3. The DNA detected in Item 4 appears to originate from a single male individual. Both the victim (Item 1) and the suspect (Item 2) are excluded as the source of this DNA. The unknown male detected in the /SP fraction of Item 3 cannot be excluded as the source of the DNA detected in this sample (Item 4).
NP2ZWN	The presence of blood was not confirmed, I am not authorised to perform HemaTrace testing. The presence of saliva was not tested, I am not authorised to conduct this testing. Item 3 (epithelial fraction) - D16S539 included a possible double stutter at 7, with additional time the sample would have been reamplified to see whether or not this was reproducible (would be done with normal casework).
NR8PT7	Blood was indicated on Items 3 & 4. Semen was detected on Item 3. Semen was not detected on Item 4. A male profile was obtained from Item 3 (sperm fraction). Item 2 (suspect) is excluded from Item 4 and 3 (sperm & epithelial fractions). Item 1 (victim) is excluded from Item 4 and the sperm fraction of Item 3. Item 3 indicated a mixture of at least 2 individuals. Item 1 (victim) & the profile from the sperm fractions

TABLE 8

WebCode	Additional Comments
	were included as contributors.
NZY6HA	Items #3 & #4 were screened by the Forensic Biology unit prior to being forwarded to the DNA unit. The screening test results on page 2 [Table 1] are from tests performed by a forensic biologist. The analyst in this proficiency tested[sic] did perform KM testing on Items #3 & #4 with positive results. All MiniFiler profiles were concordant with Identifiler Plus profiles.
P73Y6X	This regional lab does not perform Y-STR or Mitochondrial DNA testing.
P8BLPA	All screening tests in Part 1 (page 2) [Table 1] were performed by a competent Forensic Biology analyst. The DNA analyst did not perform any screening tests for this test.
P97R43	MiniFiler results concordant with Identifiler Plus results for Item 1.
PCPQB6	1) Chelex extraction method was used to extract DNA from Item 3. 2) PrepFiler Express Kit using Automate DNA Extraction System was used to extract DNA from Item 4. 3) DNA quantitation was carried out using the Quantifiler Human DNA Quantification Kit with Applied Biosystems Real Time Polymerase Chain Reaction (PCR) 7500 System. 4) Amplification of STR (Short Tandem Repeat) Genetic Loci was carried out using the AmpFISTR Identifiler Plus and Direct PCR Amplification Kit. 5) Amplification of Y-STR (Short Tandem Repeat) Genetic Loci was carried out using the AmpFISTR Y-Filer PCR Amplification Kit. 6) Capillary electrophoresis was carried out using the Applied Biosystems 3130xl Genetic Analyzers with GeneMapper ID Software. 7) Reagent blank, positive control and negative control were carried out throughout the analysis.
PHUX48	For the Victim's boxer shorts (Item 3 sp) at Locus D13S317 the [1 1] peak is a possible stutter peak. The stutter filter is 9.93% and the phr is 10.60%.
PZ6FN8	Item #3 = mixture. Item #2: at 303-309 in HV2, presence of 8 and 9 Cs. Item #4: at 303-309 in HV2, presence of 7 and 8 Cs; "-" = deletion
Q6JFKX	N/A = Not Applicable
QH9AAY	Mitochondrial DNA was not performed on Item 3 due to the mixed nature of the sample. [From Table 1 - Serology Screening Results: "ARD = Amylase radial diffusion gel".]
QHRQCY	Interpretation for Item #3 based on nuclear DNA results. Item #3 was a mixture for mitochondrial sequencing results. Mixtures are not interpreted for mitochondrial DNA. Screening tests performed by a member of the Forensic Biology Unit.
QUWE33	For Item 3.0 - The victim (Item 1.0) is included as a possible contributor to the mixture obtained from Item 3.0 Epi Fraction; however, the victim (Item 1.0) is excluded as the contributor of the single source profile obtained from Item 3.0 Sperm Fraction.
R379TP	A serological evaluation was not performed as it is not necessary to determine the method of processing for mtDNA analysis. A differential extraction, designed to separate sperm heads from epithelial cells, was not performed since it cannot separate mtDNA[sic] from multiple contributors. A mixed mtDNA profile was obtained from Item 3 and the data is not reported because there is no validated protocol for the deconvolution of a mixed mtDNA profile. Since Item 3 is not reported, no interpretation can be made between Item 1 and Item 3, and Item 2 and Item 3.
R47Q3C	A further amplification[sic] and DNA typing was undetaken[sic] on Item 3e, Item 3s and Item 4 using the SGM Plus STR kit. Results were consistent with the Identifiler typing of these samples at the loci in common.
RE4A4X	Item 3: Differential extraction performed for this item. Victim is included as a contributor to the epithelial cell fraction, but excluded as a contributor to the sperm cell fraction of this sample. Suspect is excluded/not a contributor to the epithelial cell or sperm cell fraction of item 3.
RKELFJ	IDENTIFILER PLUS RESULTS ITEM 03: NON-SPERMATOZOA FRACTION WAS ACTUALLY A 50/50 MIXTURE. ASSUMED VICTIM'S PROFILE AND REPORTED OUT THE DEDUCED ALLELES AS MINOR/WEAK ALLELES. YFILER RESULTS ITEM 03: LABORATORY ONLY DOES MIXTURE ANALYSIS WHEN A CLEAR MAJOR IS PRESENT. REPORTED OUT ALL ALLELES PRESENT.
RWL6PT	No mitochondrial DNA testing was performed. No testing was performed on Item 3 or Item 4.

TABLE 8

WebCode	Additional Comments
RXUFHQ	No Mitochondrial testing was performed on Items 1 or 2. No testing was performed on Items 3 or 4.
THVRN4	item 2: At 303-309, presence of 8 and 9 Cs. item 3: mixture. Item 4: "-" = a deletion with respect to the revised Cambridge Reference Sequence.
TJEYH7	Item 4 was also amplified with the Minifiler kit. The results from the Minifiler amplification are the same as those loci from the Identifiler Plus amplification.
TMFHRE	All data for Identifiler Plus and Identifiler was concordant except for Item 3.1 (sperm fraction) at D16S539 a minor allele was observed below threshold. This minor allele was reported as (*). * - possible allele below threshold (50 - 99rfu)
TRRM4E	NR= No results obtained. Plexor HY screening was performed on items 3 and 4. Both items were positive for Male DNA. (Item 3: 6.200 ng/ul male DNA; Item 4: 0.9042 ng/ul male DNA). Items 3.1 Epithelial Fraction produced a mixture of The Victim and Unknown Male #1 (also obtained from the Sperm Fraction). This is likely due to the presence of epithelial cells of both of the contributors in the sample and /or an incomplete separation of sperm from epithelial cells during extraction. It is not surprising or uncommon to see mixtures in epithelial fractions for these reasons, so the fact that we obtained a mixture is not unexpected or alarming.
U73Z46	^ : is a possible plus stutter peak at DYS456. Given the peak heights of the profile, it looks like a plus stutter peak from amplification.
UFTL93	^ = possible stutter (See DYS456 for Item 3 ec)
UJAFZF	Item 3 (sperm fraction): D18S51 stutter @ 13.2%.
UKEAG9	For Item 3.0 - The victim (Item 1.0) is included as a possible contributor to the mixture obtained from Item 3.0 Epi Fraction; however, the victim (Item 1.0) is excluded as the contributor of the single source profile obtained from Item 3.0 Sperm Fraction. * Inconclusive for the presence of additional allele(s).
ULF2NG	At D2S1338 in the mixture detected from the non sperm fraction of sample 14-575-3FEM, elevated stutter was observed where an allele was labeled as a 22 at 15.6% (100 rfu's). The allowable stutter per SOP is 13.9%. In the same sample at DYS576, elevated stutter was observed at 18% (95 rfu's) between two alleles (n+4/n-4) where 15% stutter was allowable. The stutter at DYS576 appeared to be possibly additive since it fell between the two reported alleles of 18 and 20 and was labeled as a 19. Both chemistries were reinjected with no appreciable change in either result for this sample. In conclusion, both alleles were reported in the results sections as a 22 at D2S1338 and a 19 at DYS576.
UMP9FM	No mitochondrial tests were performed on Items 1 or 2 and no tests were performed on Items 3 or 4.
UNMG2E	Item 3 and Item 4: Male DNA positive (Plexor HY).
V277UN	The inclusion of the victim on item 3 is based on the autosomal DNA results obtained only. The victim is excluded from the sperm fraction of item 3 in the Y-STR results, but no conclusions were made on the non-sperm fraction as an indistinguishable mixture was obtained.
VBDZQ3	No STR results were obtained for the substrate controls.
VB3Q6	1. DNA extraction was performed on the Qiagen BioRobot EZ-1 Advanced XL using the EZ-1 Investigator Kit chemistry. Differential automated wash protocol performed using QIAcube. 2. Quantitation was performed on the Applied Biosystems 7500 using the Applied Biosystems Quantifiler Duo kit. 3. Amplification was performed on the AB 9700 thermal cycler. 4. Data collection and analysis were performed using the AB 3500-xl Genetic Analyzer and GeneMapper ID-X software. Major component of the sperm fraction of item 1-4-3 was reported; minor component was not suitable for comparison and not included on table. Substrate results for 1-4-3 were consistent with sperm and epithelial fractions - not included on table.
VGX2VU	N/A = Not Applicable
W72A69	The non-sperm fraction of item 3 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from the male. No alleles are present that cannot be attributed to either the victim or the male donor from the sperm fraction. The results from Identifiler Plus

TABLE 8

WebCode	Additional Comments
	and MiniFiler are concordant at all applicable loci.
WBCXNW	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds
WJ39QJ	Items 3 and 4 were not tested as this analyst only performs DNA testing on known DNA standards.
WKFKM4	^ = Additional peaks were seen below stochastic threshold as per [Lab] policy. # = The associated sperm fraction was subtracted out as per [Lab] policy.
WU4YM7	Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed.
X3UEU4	As per laboratory procedures, light allele calls are not made for Yfiler data.
XCKYZ2	() = [] lighter intensity alleles
XQEMTM	The major contributor in Item 3 matches the single profile in Item 4.
XVRCLW	Sample 03A is being reported as Inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
XZAYD2	Item #3 was a mixture for mtDNA testing - no interpretation. Interpretations for Item #3 based on nuclear DNA results. KM testing performed by analyst. All other serological tests performed by Forensic Biology Unit.
YCUDYV	Item 3 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
YG7E3E	Item 3 and Item 4: Hemastix positive/Hematrace positive/RSID negative: Indicated the presence of human blood/Did not indicate the presence of salivary amylase. Item 3: Acid phosphatase positive/Micro positive: Presence of semen was confirmed. Item 4: Acid phosphatase negative: Did not indicate the possible presence of seminal fluid.
YHLQM6	Minifiler was also used to amplify all samples. Concordant results were obtained with all items for Identifiler Plus and Minifiler. The non-sperm fraction of item 3 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from the male. No alleles are present that cannot be attributed to either the victim or the male donor from the sperm fraction.
YMXG9Y	Item 3 tested presumptively positive for blood/semen mixture. I am not qualified to do a differential extraction, so analysis of this item stopped after screening. No blood or semen was detected for the substrate controls for items 3 and 4. Additionally, no STR results were obtained for the substrate control for item 4.
YYUKEE	Minifiler was also used to amplify all samples. Concordant results were obtained with all items for Identifiler Plus and Minifiler. The non-sperm fraction of item 3 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from the male. No alleles are present that cannot be attributed to either the victim or the male donor from the sperm fraction.
Z3JP6V	Item #2: at 303-309, presence of 8 and 9 Cs. Item #3: mixture. Item #4: "-" denotes deletion; at 303-309, presence of 7 and 8 Cs
Z6VL6D	Note: The scenario is in relation to a sexual assault. I am unable to perform laboratory testing in relation to semen as I am not authorised in this area. I am also not authorised in saliva testing. I have performed testing in relation to blood only.
ZG9U4X	-- = Possible additional genetic information may be present. No additional peaks were detected.
ZWZGZX	The sperm cell fraction of my differential extraction of Item 3 (the stain on the victim's boxers) contains possible elevated stutter at D2S1338. The remainder of the profile appears to be a two person mixture and shows no other indications of additional contributors. However, since this is a mixture profile, it is being treated as it would in casework and the "24" being called in[sic] being entered as a true allele.

Appendix: Data Sheet

Collaborative Testing Services ~ Forensic Testing Program

Test No. 14-575: Forensic Biology

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

Participant Code:

WebCode:

Accreditation Release Statement

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

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

Scenario:

Police are investigating a sexual assault case involving a male victim who was attacked outside of a nightclub. A suspect was apprehended shortly after the incident. The investigators are submitting stains from the victim's boxer shorts and shirt for analysis along with blood samples of the male victim and the male suspect.

Items Submitted (Sample Pack B5):

- Item 1: Known blood from the male victim.
- Item 2: Known blood from the male suspect.
- Item 3: Questioned stain from the victim's boxer shorts. (striped material)
- Item 4: Questioned stain from the victim's shirt. (light blue material)

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

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

Online Data Entry

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

Please return all pages of this data sheet.

Page 1 of 10

Part I: SCREENING TESTS

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

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

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

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

Example

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

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

	Positive	Negative	Inconclusive	Not Tested	Test(s) Performed
Item 3 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
Item 4 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"/>	_____

Please return all pages of this data sheet.

Part II: DNA ANALYSIS

DNA Analysis Instructions:

Use the instructions below to complete the following DNA Analysis sections of this data sheet.

- * Report alleles in numerical order, separated by a comma.
- * Follow your laboratory policy for reporting homozygotes.
- * If your laboratory policy is to indicate minor or weaker alleles, please enclose them within brackets [].
- * 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).

Example	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820	
A	<i>e</i>	10,11	15,16	8	12,13	7	8
	<i>sp</i>	12,13	15,17	8,17	11	14,15	11,13
B	[10],[11],12,13	15,[16],17	8,17	[11],12,13	7,14,15	8,11,13	

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

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

Additional DNA Results

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

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

Please return all pages of this data sheet.

Part II (continued): DNA Results for Known Item 1

STR Amplification Kit(s) Used For Item 1: Please check all the brands that apply for this item and record any kit specific information in the blank provided (i.e. 16, Plus, Direct, 16 HS, etc.).

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

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

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

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

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

YSTR Amplification Kit(s) Used For Item 1: Please check all the brands that apply for this item and record any kit specific information in the blank provided (i.e. Plus, 23, etc.).

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

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

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

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

Part II (continued): DNA Results for Known Item 2

STR Amplification Kit(s) Used For Item 2: Please check all the brands that apply for this item and record any kit specific information in the blank provided (i.e. 16, Plus, Direct, 16 HS, etc.).

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

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

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

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

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

YSTR Amplification Kit(s) Used For Item 2: Please check all the brands that apply for this item and record any kit specific information in the blank provided (i.e. Plus, 23, etc.).

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

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

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

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

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

STR Amplification Kit(s) Used For Item 3: Please check all the brands that apply for this item and record any kit specific information in the blank provided (i.e. 16, Plus, Direct, 16 HS, etc.).

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

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

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

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

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

YSTR Amplification Kit(s) Used For Item 3: Please check all the brands that apply for this item and record any kit specific information in the blank provided (i.e. Plus, 23, etc.).

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

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

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

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

Please return all pages of this data sheet.

Part II (continued): DNA Results for Questioned Item 4

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

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

ITEM	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
4						

ITEM	D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
4						

ITEM	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
4						

ITEM	Penta D	Penta E	SE33	TH01	TPOX	vWA
4						

YSTR Amplification Kit(s) Used For Item 4: Please check all the brands that apply for this item and record any kit specific information in the blank provided (i.e. Plus, 23, etc.).

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

ITEM	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
4								

ITEM	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
4								

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

Please return all pages of this data sheet.

Part II (continued): 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"/>	<input type="checkbox"/>
No	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inconclusive	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

Part IV: ADDITIONAL COMMENTS

Comments regarding any part of this Forensic Biology Test.

Written conclusions (including statistical information) for DNA analysis are not required. Any interpretations based on the results obtained should be indicated above.

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

<p>Return Instructions: Data must be received via online data entry, fax (please include a cover sheet), or mail by November 03, 2014 to be included in the report.</p> <p>QUESTIONS? TEL: +1-571-434-1925 (8 am - 4:30 pm EST) EMAIL: forensics@cts-interlab.com www.ctsforensics.com</p>	<p>ONLINE DATA ENTRY: www.cts-portal.com FAX: +1-571-434-1937 or Toll-Free: 1-866-FAX-2CTS (329-2287) MAIL: Collaborative Testing Services, Inc. P.O. Box 650820 Sterling, VA 20165-0820 USA</p>
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Please return all pages of this data sheet.

RELEASE OF DATA TO ACCREDITATION BODIES

The following Accreditation Releases will apply only to:

Participant Code:

WebCode:

for Test No. **14-575: Forensic Biology**

This release page must be completed and received by **November 3, 2014** to have this participant's submitted data included in the reports forwarded to the respective Accreditation Bodies.

ASCLD/LAB RELEASE

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

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

ASCLD/LAB Legacy Certificate No. _____ ASCLD/LAB International Certificate No. _____

Signature _____ Date _____

Laboratory Name _____

Location (City/State) _____

ANSI-ASQ NAB/FQS RELEASE

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

ANSI-ASQ NAB/FQS Certificate No. _____

Signature and Title _____ Date _____

Laboratory Name _____

Location (City/State) _____

Accreditation Release

Return Instructions

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

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

Please return all pages of this data sheet.

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