



Forensic Biology Test No. 14-574 Summary Report

This proficiency test was sent to 945 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 803 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 clean, white cotton cloth (Items 1 & 2), and two questioned stains one on clean, white material with green polka dots (Item 3) and one on clean, green material (Item 4). Participants were requested to analyze these items using their existing protocols.

SAMPLE PREPARATION: The stains in 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. Item 1 (50 µl) and Item 4 (50 µl) were blood collected from one female donor and Item 2 (50 µl) was blood collected from a male donor. The Item 3 (50 µl) mixture contained the blood from the Item 1 female donor and semen from a donor whose known blood standard was not provided to participants. Stains from different sources were prepared at separate times and were packaged once they were thoroughly dried. Completed sample sets were stored at -20°C until shipment on June 30, 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.

<u>Item</u>	<u>D1S1656</u>	<u>D2S1338</u>	<u>D2S441</u>	<u>D3S1358</u>	<u>D5S818</u>	<u>D7S820</u>
1	15,17.3	22,23	13,14	15,18	11,13	10,11
2	12,16.3	17,25	13,14	15,16	11,12	10,12
3-Blood	15,17.3	22,23	13,14	15,18	11,13	10,11
3-Semen	16,17.3	17,22	14,14	18,18	11,12	9,11
4	15,17.3	22,23	13,14	15,18	11,13	10,11
<u>Item</u>	<u>D8S1179</u>	<u>D10S1248</u>	<u>D12S391</u>	<u>D13S317</u>	<u>D16S539</u>	<u>D18S51</u>
1	10,13	12,17	18,18	11,12	9,13	15,18
2	12,13	13,13	18,20	10,13	9,11	13,16
3-Blood	10,13	12,17	18,18	11,12	9,13	15,18
3-Semen	14,14	13,13	20,22	11,11	11,13	18,18
4	10,13	12,17	18,18	11,12	9,13	15,18
<u>Item</u>	<u>D19S433</u>	<u>D21S11</u>	<u>D22S1045</u>	<u>Amelogenin</u>	<u>CSF1PO</u>	<u>FGA</u>
1	14,15	29,30.2	11,15	X,X	10,11	20,20
2	14,15.2	30,31.2	11,15	X,Y	11,12	24,24
3-Blood	14,15	29,30.2	11,15	X,X	10,11	20,20
3-Semen	14,15	29,33.2	13,16	X,Y	12,12	20,20
4	14,15	29,30.2	11,15	X,X	10,11	20,20
<u>Item</u>	<u>Penta D</u>	<u>Penta E</u>	<u>SE33</u>	<u>TH01</u>	<u>TPOX</u>	<u>vWA</u>
1	9,12	12,13	23.2,30.2	7,8	8,11	16,16
2	12,12	11,15	16,20	6,9.3	8,11	16,16
3-Blood	9,12	12,13	23.2,30.2	7,8	8,11	16,16
3-Semen	11,13	7,7	12,30.2	7,9	8,8	17,18
4	9,12	12,13	23.2,30.2	7,8	8,11	16,16

YSTR Results

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

<u>Item</u>	<u>DYS19</u>	<u>DYS385</u>	<u>DYS389-I</u>	<u>DYS389-II</u>	<u>DYS390</u>	<u>DYS391</u>	<u>DYS392</u>	<u>DYS393</u>
2	14	12,13	13	29,30	23	11	13	13
3-Semen	15	14,15	14	31	23	10	12	14
<u>Item</u>	<u>DYS437</u>	<u>DYS438</u>	<u>DYS439</u>	<u>DYS448</u>	<u>DYS456</u>	<u>DYS458</u>	<u>DYS481</u>	<u>DYS533</u>
2	15,16	12	10,11	19	15	16	24	12
3-Semen	14	10	11	20	14	15	27	11
<u>Item</u>	<u>DYS549</u>	<u>DYS570</u>	<u>DYS576</u>	<u>DYS635</u>	<u>DYS643</u>	<u>Y GATA H4</u>	<u>Y Indel</u>	
2	12	18	19	23	10	11	*	
3-Semen	13	19	17	21	12	10	*	

* 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	35-450	16018-16400
2	35-450	16018-16400
4	35-409	16021-16400

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	109.0	146.0	153.0	263.0	309.1	315.1	16223.0	16325.0	16362.0
ITEM 1	G	A	C	G	G	C	C	T	C	C

	64.0	73.0	146.0	153.0	235.0	263.0	309.1	315.1	16111.0	16223.0	16290.0	16319.0	16362.0
ITEM 2	T	G	C	G	G	G	C	C	T	T	T	A	C

	73.0	109.0	146.0	153.0	263.0	309.1	315.1	16223.0	16325.0	16362.0
ITEM 4	G	A	C	G	G	C	C	T	C	C

Release Date of Manufacturer's Information: 23-September-2014

Summary Comments

The 14-574 Forensic Biology test was designed to allow participants to assess their proficiency in the identification and comparison of dried stains by means of body fluid screening and/or DNA profiling. Participants were supplied with two "known" bloodstains (Items 1 and 2) and two "questioned" stains (Items 3 and 4). Item 1 and Item 4 were blood collected from one female donor and Item 2 was blood collected from a male donor. The Item 3 mixture contained the blood from the Item 1 female donor and semen from a donor whose known blood standard was not provided to participants. (See Manufacturer's Information for preparation details)

Data were returned by a total of 803 participants, 756 of whom reported DNA results. The remaining 47 participants reported only screening results.

Screening Test Results

For Item 3, all 750 participants that reported results for blood were positive. There were 743 that reported positive results for semen and two that were inconclusive. There were 246 participants that reported negative results for saliva and one participant that reported positive.

For Item 4, all 750 participants that reported results for blood were positive. There were 731 participants that reported negative results for semen, five that were inconclusive and four that reported positive. There were 245 participants that reported negative results for saliva and two that reported positive.

DNA Analysis Results

Of the 756 participants reporting DNA results, 10 did not report interpretations. All of these participants with exception of two stated that they analyzed the samples for database purposes only; the remaining participants left this section blank.

For the Item 3 mixture, 733 participants included the victim (Item 1) as a possible contributor, nine reported inconclusive and four did not report interpretations. There were 738 participants that excluded the suspect (Item 2) as a possible contributor to the Item 3 mixture, four reported inconclusive and four did not report interpretations. For the Item 4 stain, 745 participants included the victim (Item 1) and one excluded the victim (Item 1) as a possible contributor. All 746 participants excluded the suspect (Item 2) as a possible contributor to the Item 4 stain.

Thirty-three participants reported allelic results that were inconsistent with the consensus/predistribution testing results. Thirteen participants reported additional alleles at one or more loci. Ten participants were missing alleles at one or more loci. Six participants reported inconsistent alleles at one or more loci. Three participants reported a combination of additional and inconsistent alleles at one or more loci and one participant reported YSTR allelic results for Item 4 which contained a female blood sample.

Release Date of Summary Report: 04-November-2014

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
229JQM				
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
23PFEF				
Item 3	Pos KM	Pos ALS, AP, Micro	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
24JWGK				
Item 3	Pos KM	Pos Micro, AP	NT	
Item 4	Pos KM	Neg AP	NT	
268ECQ				
Item 3	Pos TMB	Pos AP	NT	
Item 4	Pos TMB	Neg AP	NT	
27MK2F				
Item 3	Pos PTMB, HemaTrace	Pos ALS, AP, Micro	NT	
Item 4	Pos PTMB, HemaTrace	Neg ALS, AP, Micro	NT	
28FKXR				
Item 3	Pos KM	Pos ALS, AP, Micro	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
2CAXT9				
Item 3	Pos Hemochromogen	Pos AP, Micro		
Item 4	Pos Hemochromogen	Neg AP		
2CB3JX				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	NT	NT	
2CNRBP				
Item 3	Pos RSID-Blood	Pos RSID-Semen	Neg RSID-Saliva	
Item 4	Pos RSID-Blood	Neg RSID-Semen	Neg RSID-Saliva	
2DNV3E				
Item 3	Pos KM, HemaTrace	Pos ALS, AP, PSA, Micro	Neg ALS, Amylase	
Item 4	Pos KM, HemaTrace	Neg ALS, AP, PSA, Micro	Neg ALS, Amylase	
2EYTEB				
Item 3	Pos PT (indicative)	Pos AP, Micro	Neg RSID	
Item 4	Pos PT (indicative)	Neg AP, Micro	Neg RSID	
2H48C3				
Item 3	Pos LMG	Pos AP, PSA, Micro	NT	
Item 4	Pos LMG	Neg AP, PSA, Micro	NT	

TABLE 1

Fluid ID				
Webcode	Blood	Semen	Saliva	Other
2JTFHW				
Item 3	Pos KM, RSID-Blood	Pos AP, Micro	Neg RSID-Saliva	
Item 4	Pos KM, RSID-Blood	Neg AP	Neg RSID-Saliva	
2L2QCF				
Item 3	Pos PTMB, HemaTrace	Pos AP, Micro	NT	
Item 4	Pos PTMB, HemaTrace	Neg AP	NT	
2LBTPD				
Item 3	Pos Phenolphthalein (KM), Quantifiler	Pos p30(PSA), Quantifiler	NT	
Item 4	Pos Phenolphthalein (KM), Quantifiler	Neg p30 (PSA), Quantifiler		
2LVMDU				
Item 3	Pos KM, Hexagon OBTI Test	Pos AP, PSA, RSID	NT	
Item 4	Pos KM, Hexagon OBTI Test	Neg AP	NT	
2NK2UR				
Item 3	Pos KM	Pos AP, PSA	Neg Phadebas Press	
Item 4	Pos KM	Neg AP	Neg Phadebas Press	
2NLHJC				
Item 3	Pos KM	Pos AP & Micro	NT	
Item 4	Pos KM	Neg AP & Micro	NT	
2PFBDA				
Item 3	Pos KM	Pos AP, PSA, Micro, ALS	NT	
Item 4	Pos KM	Neg AP, PSA, Micro, ALS	NT	
2QAA28				
Item 3	Pos KM	Pos AP	NT	
Item 4	Pos KM	Neg AP	NT	
2RNMWW				
Item 3	Pos KM, HemaTrace	Pos AP, Micro	NT	
Item 4	Pos KM, HemaTrace	Neg AP	NT	
2TEVY				
Item 3	Pos TMB	Pos AP, PSA, Micro	NT	
Item 4	Pos TMB	Neg AP, PSA, Micro	NT	
2UDUE8				
Item 3	Pos PTMB	Pos AP, Micro	NT	
Item 4	Pos PTMB	Neg AP, ALS	NT	
2V88R6				
Item 3	Pos O-tol	Pos AP, Micro	Neg RSID	
Item 4	Pos O-tol	Neg AP, Micro	Neg RSID	
2VJNNC				
Item 3	Pos KM	Pos AP, Micro, PSA	NT	
Item 4	Pos KM	Neg AP, Micro	NT	

TABLE 1

Fluid ID				
Webcode	Blood	Semen	Saliva	Other
2XP43V				
Item 3	Pos KM	Pos AP, Micro	Neg Amylase-Radial Diffusion	
Item 4	Pos KM	Neg AP, Micro	Neg Amylase-Radial Diffusion	
2YAY6C				
Item 3	Pos KM	Pos ALS, AP, Micro	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
2ZFX9C				
Item 3	Pos KM	Pos AP, Micro	Neg RSID	
Item 4	Pos KM	Neg AP	Neg RSID	
327JDN				
Item 3	Pos Takayama	Pos PSA, Micro	NT	
Item 4	Pos Takayama	Neg PSA, Micro	NT	
329ALQ				
Item 3	Pos Hemastix	Pos AP		
Item 4	Pos Hemastix	Neg AP		
32MM2N				
Item 3	Pos TMB, HemDirect	Pos ALS, AP, Micro, PSA		
Item 4	Pos TMB, HemDirect	Neg ALS, AP		
32PXR6				
Item 3	Pos O-tol, ppth, Red-brown color	Pos AP, Micro	NT	
Item 4	Pos O-tol, ppth, Red-brown color	Neg AP, Micro	NT	
33WWMT				
Item 3	Pos KM, HemaTrace	Pos AP, Micro, ALS	NT	
Item 4	Pos KM, HemaTrace	Neg AP, Micro, ALS	NT	
34UTNA				
Item 3	Pos KM, HT	Pos AP, Micro	Neg Phadebas	
Item 4	Pos KM, HT	Neg AP, Micro	Neg Phadebas	
36M2E6				
Item 3	Pos PTMB, HemaTrace	Pos AP, Micro	NT	
Item 4	Pos PTMB, HemaTrace	Neg AP	NT	
37XV4D				
Item 3	Pos TMB	Pos ALS, AP, Micro	NT	
Item 4	Pos TMB	Neg ALS, AP	NT	
37YLGM				
Item 3	Pos KM, ABACard HemaTrace	Pos ALS, AP, PSA, Micro	NT	
Item 4	Pos KM, ABACard HemaTrace	Neg ALS, AP, PSA, Micro	NT	

TABLE 1

		Fluid ID		
Webcode	Blood	Semen	Saliva	Other
38TAXX				
Item 3	Pos PTMB	Pos AP, Micro	NT	
Item 4	Pos PTMB	Neg AP	NT	
38TYRY				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg* AP	NT	
3AH94L				
Item 3	Pos KM, HemaTrace	Pos AP, Micro, PSA	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
3AJKNQ				
Item 3	Pos TMB	Pos ALS, AP, Micro	NT	
Item 4	Pos TMB	Neg ALS, AP	NT	
3AX2PB				
Item 3	Pos KM, HemaTrace	Pos ALS, AP, PSA, Micro	Neg SAlIgAE	
Item 4	Pos KM, HemaTrace	Neg ALS, AP, PSA, Micro	Neg SAlIgAE	
3FAHAD				
Item 3	Pos KM	Pos ALS, AP, Micro	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
3HT7GQ				
Item 3	Pos KM	Pos AP, Micro for Sperm	Neg Amylase, Micro for E cells	
Item 4	Pos KM	Neg AP, Micro for Sperm	Neg Amylase, Micro for E cells	
3J6U3C				
Item 3	Pos PTMB, HemaTrace	Pos AP, Micro	NT	
Item 4	Pos PTMB, HemaTrace	Neg AP, Micro	NT	
3K48WC				
Item 3	Pos TMB, HemaTrace	Pos AP, Micro	NT	
Item 4	Pos TMB, HemaTrace	Neg AP	NT	
3LAEZJ				
Item 3	Pos TMB	Pos ALS, AP, Micro	NT	
Item 4	Pos TMB	Neg ALS, AP	NT	
3LC9FJ				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
3LELBT				
Item 3	Pos KM	Pos ALS, AP, Micro	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
3N3D6A				
Item 3	Pos PTMB, HemaTrace	Pos AP, Micro	NT	
Item 4	Pos PTMB, HemaTrace	Neg AP	NT	

TABLE 1

Fluid ID				
Webcode	Blood	Semen	Saliva	Other
3NZLYM				
Item 3	Pos KM	Pos AP, Micro, PSA	Neg	RSID-Saliva
Item 4	Pos KM	Neg AP	Neg	RSID-Saliva
3QADJP				
Item 3	Pos HSTX, HemaTrace	Pos ALS, AP, PSA	NT	
Item 4	Pos HSTX, HemaTrace	Neg ALS, AP, PSA	NT	
3QKJD6				
Item 3	Pos KM	Pos ALS, AP, Micro	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
3RF3HR				
Item 3	Pos KM, Hexagon OBTI	Pos AP, RSID-Semen, PSA	NT	
Item 4	Pos KM, Hexagon OBTI	Neg AP, RSID-Semen, PSA	NT	
3U4NZG				
Item 3	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	
3U6FXP				
Item 3	Pos KM	Pos Micro, PSA	Neg	Phadebas
Item 4	Pos KM	Neg Micro, PSA	Neg	Phadebas
3V4XHK				
Item 3	Pos Hemastix (TMB), HemaTrace	Pos AP, PSA (p30), Microscopy	NT	
Item 4	Pos Hemastix (TMB), HemaTrace	Neg AP, PSA (p30)	Neg	RSID-Saliva
3WBYY7				
Item 3	Pos LMG, HemaTrace	Pos AP, Micro, PSA	Neg	Amylase
Item 4	Pos LMG, HemaTrace	Neg AP, Micro, PSA	Neg	Amylase
3WTNQY				
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT	
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	NT	
3YNREK				
Item 3	Pos KM, HemaTrace	Pos AP, p30, Micro	NT	
Item 4	Pos KM, HemaTrace	Neg AP, p30, Micro	NT	
3YVVKB				
Item 3	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	
3ZXC9A				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
43V8BA				
Item 3	Pos KM, HemaTrace	Pos ALS, AP, PSA, Micro	Neg	ALS, RSID
Item 4	Pos KM, HemaTrace	Neg ALS, AP	Neg	ALS, RSID

TABLE 1

Fluid ID				
Webcode	Blood	Semen	Saliva	Other
448ZWB				
Item 3	Pos KM, Quantifiler	Pos	ALS, AP, PSA, Quantifiler	NT
Item 4	Pos KM, Quantifiler	Neg	PSA, Quantifiler	NT
48MMAF				
Item 3	Pos visual, LMG, HemaTrace	Pos	ALS, AP, Micro	NT
Item 4	Pos visual, LMG, HemaTrace	Neg	ALS, AP, Micro	NT
48PBXL				
Item 3	Pos KM	Pos	AP, Micro	NT
Item 4	Pos KM	Neg	AP, Micro	NT
49J7CH				
Item 3	Pos KM, HemaTrace	NT		NT
Item 4	Pos KM, HemaTrace	NT		NT
4ADWFB				
Item 3	Pos KM, Quantifiler	Pos	PSA	NT
Item 4	Pos KM, Quantifiler	Neg	PSA	NT
4AFD3A				
Item 3	Pos KM	Pos	AP, Micro	NT
Item 4	Pos KM	Neg	AP	NT
4B8KWL				
Item 3	Pos KM	Pos	AP, PSA, Micro	NT
Item 4	Pos KM	Neg	AP, PSA, Micro	NT
4EW3JJ				
Item 3	Pos KM, HemaTrace	Pos	TMP, Micro, PSA	Neg Phadebas
Item 4	Pos KM, HemaTrace	Neg	TMP, Micro, PSA	Neg Phadebas
4F2AMQ				
Item 3	Pos TMB	Pos	ALS, AP, Micro	NT
Item 4	Pos TMB	Neg	ALS, AP	NT
4GE2HT				
Item 3	Pos KM, Hexagon-OBTI	Pos	AP, PSA, RSID	NT
Item 4	Pos KM, Hexagon-OBTI	Neg	AP	NT
4GK3QA				
Item 3	Pos PTMB, HemaTrace	Pos	AP, Micro	NT
Item 4	Pos PTMB, HemaTrace	Neg	AP	NT
4GYQRZ				
Item 3	Pos LMG, HemaTrace	Pos	AP, PSA, Micro	NT
Item 4	Pos LMG, HemaTrace	Neg	AP	NT
4HQRPC				
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
4J49Z4				
Item 3	Pos KM	Pos ALS, AP, Micro	NT	
Item 4	Pos KM	Neg ALS	NT	
4J6LHC				
Item 3	Pos KM	Pos ALS, AP, Micro	Neg Phadebas(Amylase), ALS	Human DNA Quant Duo detected, Pos
Item 4	Pos KM	Neg ALS, AP, Micro	Neg Phadebas(Amylase), ALS	Human DNA Quant Duo detected, Pos
4JLMLD				
Item 3	Pos KM	Pos AP, ALS, Micro	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
4JM3PK				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP, Micro	NT	
4L8LGM				
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
4TB9QC				
Item 3	Pos KM	Pos ALS/AP/Micro	NT	
Item 4	Pos KM	Neg ALS/AP	NT	
4TBYQL				
Item 3	Pos KM	Pos AP, PSA	Neg Phadebas	
Item 4	Pos KM	Neg AP	Neg Phadebas	
4TK94R				
Item 3	Pos Phenolphthalein Presumptive Blood test	Pos TMP Presumptive Semen test	Neg SALLgAE Saliva Presumptive test	
Item 4	Pos Phenolphthalein Presumptive Blood test	Pos TMP Presumptive Semen test	Neg SALLgAE Saliva Presumptive test	
4UYLRN				
Item 3	NT	Pos AP, PSA, Micro	NT	
Item 4	NT	Neg AP, PSA, Micro	NT	
4WQYUL				
Item 3	Pos KM	Pos AP, Micro		
Item 4	Pos KM	Neg AP, Micro		
4ZTGX3				
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT	Neg ALS
Item 4	Pos KM, HemaTrace	Neg AP	NT	Neg ALS
62VQ9W				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	

TABLE 1

		Fluid ID		
Webcode	Blood	Semen	Saliva	Other
62XB9T				
Item 3	Pos Hemastix	Pos Brentamine	NT	
Item 4	Pos Hemastix	Neg Brentamine	NT	
63R2E8				
Item 3	Pos HemaTrace, LMG	Pos PSA, Micro, AP	NT	
Item 4	Pos HemaTrace, LMG	Neg AP	NT	
66YTPE				
Item 3	Pos KM HemaTrace	Pos BCIP, p30, Micro	Neg Phadebas	
Item 4	Pos KM HemaTrace	Neg BCIP, p30, Micro	Neg Phadebas	
6C47F4				
Item 3	Pos PTMB	Pos AP, Micro	NT	
Item 4	Pos PTMB	Neg AP	NT	
6E8WLJ				
Item 3	Pos Takayama	Pos ALS, PSA, Micro	NT	
Item 4	Pos Takayama	Neg ALS, PSA, Micro	NT	
6EQ7U6				
Item 3	Pos KM	Pos ALS, Fast Blue B, Micro	NT	
Item 4	Pos KM	Neg ALS, Fast Blue B	NT	
6FJRBW				
Item 3	Pos PHT, TMB	Pos ALS, AP, Micro	NT	
Item 4	Pos PHT, TMB	Neg ALS, AP	NT	
6H7G6A				
Item 3	Pos LMG	Pos AP/PSA	Neg RSID-Saliva	
Item 4	Pos LMG	Neg AP/PSA	Neg RSID-Saliva	
6JF8Q8				
Item 3	Pos Visual, LMG, ABA HemaTrace Card	Pos ALS, Micro	NT	
Item 4	Pos Visual, LMG, ABA HemaTrace Card	Neg ALS, Micro, PSA	NT	
6KDL9X				
Item 3	Pos LMG, HT	Pos AP, Micro	NT	
Item 4	Pos LMG, HT	Neg AP, Micro, PSA	NT	
6L7D6C				
Item 3	Pos KM, Hemoglobin antigen	Pos AP, PSA, Micro	Neg Phadebas Saliva, RSID-Saliva	
Item 4	Pos KM, Hemoglobin antigen	Neg AP, PSA, Micro	Neg Phadebas Saliva, RSID-Saliva	
6VW8FD				
Item 3	Pos PTMB, HemaTrace	Pos AP, Micro	NT	Human dna, Pos qf
Item 4	Pos PTMB, HemaTrace	Neg AP	NT	Human dna, Pos qf

TABLE 1

		Fluid ID				
Webcode	Blood	Semen	Saliva	Other		
6WJNHU						
Item 3	Pos KM	Pos AP, Micro	NT			
Item 4	Pos KM	Neg AP, Micro	NT			
6WPND9						
Item 3	Pos TMB, HemaTrace card	Pos AP, PSA, Micro, ALS	NT			
Item 4	Pos TMB, HemaTrace	Neg AP, PSA, Micro, ALS	NT			
6XWEER						
Item 3	Pos KM	Pos AP, Micro				
Item 4	Pos KM	Neg AP				
6YBQ8V						
Item 3	Pos TMB	Pos AP, Micro	NT			
Item 4	Pos TMB	Neg AP	NT			
6ZMLPF						
Item 3	Pos TMB	Pos ALS, AP, Micro	NT			
Item 4	Pos TMB	Neg ALS, AP	NT			
72WQ36						
Item 3	Pos Phenolphthalein	Pos AP, Micro	Neg RSID			
Item 4	Pos Phenolphthalein	Neg AP, Micro	Neg RSID			
732KFF						
Item 3	Pos KM, HemaTrace	NT	NT			
Item 4	Pos KM, HemaTrace	NT	NT			
76HLU4						
Item 3	Pos PTMB, HemaTrace	Pos AP, Micro	NT	Human DNA, Pos Quantifiler		
Item 4	Pos PTMB, HemaTrace	Neg AP	NT	Human DNA, Pos Quantifiler		
77KH47						
Item 3	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT			
Item 4	Pos LMG, HemaTrace	Neg AP	NT			
782HHU						
Item 3	Pos KM, TMB	Pos AP, PSA, Micro	Neg Starch/Iodine			
Item 4	Pos KM, HemaTrace, TMB	Neg AP	Neg Phadebas	Urine, Neg Urease		
782R4Y						
Item 3	Pos KM	Pos AP, PSA, Micro	NT	Fluorescence, Inc ALS		
Item 4	Pos KM, HemaTrace	Neg AP	Neg Phadebas	Fluorescence, ALS Neg		
79BNMH						
Item 3	Pos KM	Pos AP, PSA, Micro	Neg Amylase (RSID)			
Item 4	Pos KM	Neg AP, PSA, Micro	Neg Amylase (RSID)			
7A6KVC						
Item 3	Pos TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT			
Item 4	Pos TMB, HemDirect	Neg ALS, AP				

TABLE 1

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
7A7A8L					
Item 3	Pos Hemastix, Takayama	Pos PSA, Micro	NT		
Item 4	Pos Hemastix, Takayama	Neg PSA, Micro	NT		
7B2XNW					
Item 3	Pos KM	Pos AP, Micro	NT	Human, Pos Plexor HY	
Item 4	Pos KM	Neg AP	NT	Human, Pos Plexor HY	
7E7GV6					
Item 3	Pos PTMB, HemaTrace	Pos AP, Micro	NT		
Item 4	Pos PTMB, HemaTrace	Neg AP	NT		
7FVBJD					
Item 3	Pos TMB, HemaTrace	Pos A/P, p30, Micro	Neg RSID-Saliva		
Item 4	Pos TMB, HemaTrace	Neg A/P	Neg RSID-Saliva		
7GQ2KL					
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas		
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas		
7HE32N					
Item 3	NT	NT	Neg SALIgAE®		
Item 4	NT	NT	Neg SALIgAE®		
7JFAT2					
Item 3	Pos Red-brown color, O-tol, Phenolphthalin	Pos AP, Micro	NT		
Item 4	Pos Red-brown color, O-tol, Phenolphthalin	Neg AP, Micro	NT		
7KBTWN					
Item 3	Pos KM, HemaTrace	Pos AP, PSA	Neg Phadebas		
Item 4	Pos KM, HemaTrace	Neg AP, PSA	Neg Phadebas		
7MD7KW					
Item 3	Pos Hemastix, HemaTrace	Pos PSA, Micro	Neg RSID		
Item 4	Pos Hemastix, HemaTrace	Neg PSA, Micro	Neg RSID		
7NDLWE					
Item 3	Pos Hemastix, HemaTrace	Pos AP, p30, H+E slide			
Item 4	Pos Hemastix, HemaTrace	Neg AP			
7NN6JC					
Item 3	Pos LMG	Pos Micro	NT		
Item 4	Pos LMG	Neg Micro	NT		
7NUMVA					
Item 3	Pos KM	Pos ALS, AP, Micro	NT		
Item 4	Pos KM	Neg ALS. AP	NT		
7PM2E2					
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
7TN663				
Item 3	Pos PTMB, HemaTrace	Pos AP, Micro	NT	
Item 4	Pos PTMB, HemaTrace	Neg AP	NT	
7V99M8				
Item 3	Pos LMG	Pos AP, Micro	Neg RSID	
Item 4	Pos LMG	Neg AP	Neg RSID	
7X2HXF				
Item 3	Pos TMB, HemaTrace	Pos AP, p30, H&E	NT	
Item 4	Pos TMB, HemaTrace	Neg AP	NT	
7XH9UZ				
Item 3	Pos KM	Pos AP, Micro	Neg RSID-Saliva	
Item 4	Pos KM	Neg AP	Neg RSID-Saliva	
7ZZCFC				
Item 3	Pos KM	Pos AP Spot, XMAS (Micro), ALS		
Item 4	Pos KM	Neg AP Spot, ALS		
8384BX				
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
83PUHX				
Item 3	Pos KM	Pos AP, Micro	Neg RSID-Saliva	
Item 4	Pos KM	Neg AP, Micro	Neg RSID-Saliva	
84VNTM				
Item 3	Pos KM, Hexagon OBTI	Pos AP, RSID, PSA	NT	
Item 4	Pos KM, Hexagon OBTI	Neg AP	NT	
84ZW4W				
Item 3	Pos KM, TMB, HemaTrace	Pos AP, PSA, Micro	Neg Starch-Iodine	Urine, Neg Urease
Item 4	Pos KM, TMB	Neg AP	Neg Phadebas	Urine, Neg Urease
877P99				
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
88G9ZD				
Item 3	Pos LMG, Ouchterlony (anti-HuHb)	Pos Micro, AP, PSA	Neg Amylase	
Item 4	Pos LMG, Ouchterlony (anti-HuHb)	Neg Micro, AP, PSA	Neg Amylase	
89DCH8				
Item 3	Pos LMG	Pos AP, Micro	NT	
Item 4	Pos LMG	Neg AP	NT	

TABLE 1

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
8A8ULU					
Item 3	Pos RSID-Blood, KM	Pos AP, Micro	Neg Phadebas (Amylase)	Urine, Neg RSID-urine	
Item 4	Pos RSID-Blood, KM	Neg AP, Micro, RSID-Semen, p30	Neg Phadebas (Amylase)		
8BYLKZ					
Item 3	Pos PT, Hemastix, HemaTrace	Pos AP, Micro, PSA	Neg RSID-Saliva		
Item 4	Pos PT, Hemastix, HemaTrace	Neg AP	Neg RSID-Saliva		
8C72GK					
Item 3	Pos KM, O-tol, OBTI	Pos ALS, AP, PSA, Micro	Neg SALLgAE		
Item 4	Pos KM, O-tol, OBTI	Neg ALS, AP, PSA, Micro	Neg SALLgAE		
8CC6JC					
Item 3	Pos TMB	Pos AP			
Item 4	Pos TMB	Neg AP			
8CCJ8B					
Item 3	Pos KM, Combur (TMB)	Pos AP, PSA, Micro Sperm	Neg Phadebas		
Item 4	Pos KM, Combur (TMB)	Neg AP, PSA	Neg Phadebas		
8CDT7H					
Item 3	Pos KM	Pos ALS, AP, Micro	NT		
Item 4	Pos KM	Neg ALS, AP	NT		
8DHP7C					
Item 3	Pos KM	Pos AP	NT		
Item 4	Pos KM	Neg AP	NT		
8EGMNY					
Item 3	Pos PTMB	Pos AP, Micro	NT		
Item 4	Pos PTMB	Neg AP	NT		
8EHFL8					
Item 3	Pos KM	Pos AP, ALS, Micro	NT		
Item 4	Pos KM	Neg AP, ALS	NT		
8EXQCY					
Item 3	Pos KM	Pos AP, Micro	NT		
Item 4	Pos KM	Neg AP, Micro	NT		
8GKH83					
Item 3	Pos KM	Pos AP, Microscopy	Neg Phadebas		
Item 4	Pos KM	Neg AP, Microscopy	Neg Phadebas		
8HZ7XA					
Item 3	Pos Phenothalein[sic], HemaTrace	Pos BCIP, p30, Micro	Neg Phadebas		
Item 4	Pos Phenothalein[sic], HemaTrace	Neg BCIP	Neg Phadebas		

TABLE 1

		Fluid ID				
Webcode	Blood	Semen	Saliva	Other		
8J9K3V						
Item 3	Pos KM	Pos AP, Micro	NT			
Item 4	Pos KM	Neg AP	NT			
8M92PK						
Item 3	Pos RSID	Pos RSID	NT			
Item 4	Pos RSID	Neg RSID	NT			
8MRYRJ						
Item 3	NT	Pos Micro, AP, p30/PSA	NT			
Item 4	NT	Neg Micro, AP, p30/PSA	NT			
8N9LC6						
Item 3	Pos KM	Pos ALS, AP, Micro	NT			
Item 4	Pos KM	Neg ALS, AP	NT			
8T2NF6						
Item 3	Pos KM	Pos ALS, BCIP, Micro	Neg Amylase Diffusion			
Item 4	Pos KM	Neg ALS, BCIP, Micro	Neg Amylase Diffusion			
8U7X4A						
Item 3	Pos TMB, HemDirect	Pos AP, Micro, PSA	NT			
Item 4	Pos TMB, HemDirect	Neg AP, Micro, PSA	NT			
8U8Q44						
Item 3	Pos KM	Pos AP, Micro	NT			
Item 4	Pos KM	Neg AP	NT			
8VQP8T						
Item 3	Pos KM	Pos AP, Micro	NT			
Item 4	Pos KM	Neg AP	NT			
8XRMNM						
Item 3	Pos TMB	Pos AP, Micro	NT			
Item 4	Pos TMB	Neg AP	NT			
8Y3HEL						
Item 3	Pos KM	Pos ALS, AP, Micro	NT			
Item 4	Pos KM	Neg ALS, AP	NT			
8Y4G9U						
Item 3	Pos O-tol	Pos AP, PSA				
Item 4	Pos O-tol	Neg AP				
8ZTUNQ						
Item 3	NT	NT	NT	Male DNA, Pos Y-screening, Plexor HY quant		
Item 4	NT	NT	NT	Male DNA, Neg Y-screening, Plexor HY quant		

TABLE 1

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
934AW4					
Item 3	Pos O-tol	Pos AP, ALS, PSA, Micro	Neg Amylase Diffusion	Human Blood, RSID Pos	
Item 4	Pos O-tol	Neg AP, ALS	NT	Human Blood, RSID Pos	
93C7Z2					
Item 3	Pos KM	Pos ALS, PSA	NT		
Item 4	Pos KM	Neg ALS	NT		
96AVMN					
Item 3	Pos KM, HB	Pos AP, Micro, PSA	NT		
Item 4	Pos KM, HB	Neg AP	NT		
98CBZ2					
Item 3	Pos KM	Pos AP, Micro	NT		
Item 4	Pos KM	Neg AP	NT		
9AVEMD					
Item 3	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT		
Item 4	Pos LMG, HemaTrace	Neg AP	NT		
9BDAJ7					
Item 3	Pos KM	Pos ALS, AP, Micro	NT		
Item 4	Pos KM	Neg ALS, AP	NT		
9C4MTC					
Item 3	Pos Visual, LMG, HemaTrace	Pos ALS, AP, Micro, PSA	NT	Human Origin, HemaTrace Pos	
Item 4	Pos Visual, LMG, HemaTrace	Neg ALS, AP, Micro, PSA	NT	Human Origin, HemaTrace Pos	
9CR4D7					
Item 3	Pos TMB	Pos ALS, AP, PSA, Micro			
Item 4	Pos TMB, HemaTrace	Neg ALS			
9D3F2H					
Item 3	Pos Takayama	Pos ALS, PSA, Micro	NT		
Item 4	Pos Takayama	Neg ALS, PSA, Micro	NT		
9EDF3J					
Item 3	Pos LMG	Pos ALS, AP, Micro			
Item 4	Pos LMG	Neg ALS, AP			
9EYGYE					
Item 3	Pos TMB, HemaTrace	Pos AP, PSA, Micro	Neg RSID-Saliva		
Item 4	Pos TMB, HemaTrace	Neg AP, PSA	Neg RSID-Saliva		
9GFGNN					
Item 3	Pos KM	Pos AP, PSA, Micro			
Item 4	Pos KM	Neg AP			

TABLE 1

Fluid ID					
Webcode	Blood	Semen	Saliva	Other	
9K36CU					
Item 3	Pos O-tol	Pos AP, PSA		Human Blood, HemaTrace	Pos
Item 4	Pos O-tol	Neg AP, PSA		Human Blood, HemaTrace	Pos
9KYZUH					
Item 3	Pos KM, HemaTrace	Pos AP, Micro, PSA	Neg Phadebas		
Item 4	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas		
9LRHTR					
Item 3	NT	NT	NT	Male DNA, Pos	Y Screening
Item 4	NT	NT	NT	Male DNA, Neg	Y Screening
9M9DUR					
Item 3	Pos PT	Pos AP, Micro	NT		
Item 4	Pos PT	Neg AP	NT		
9NKPEV					
Item 3	Pos KM	Pos AP/PSA	Neg Phadebas	Blood, Pos	HemaTrace
Item 4	Pos KM	Neg AP/PSA	Neg Phadebas	Blood, Pos	HemaTrace
9PBFGH					
Item 3	Pos KM	Pos AP, Micro	NT		
Item 4	Pos KM	Neg AP, Micro, PSA	Neg Saliva-RSID		
9Q8WRJ					
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT		
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	NT		
9QLEHJ					
Item 3	Pos KM	Pos Micro	NT	Seminal Fluid, ALS, AP	Neg
Item 4	Pos KM	Neg ALS, AP, Micro	NT		
9TBR92					
Item 3	Pos KM	Pos AP Micro	NT		
Item 4	Pos KM	Neg AP	NT		
9TPAYZ					
Item 3	Pos KM	Pos AP			
Item 4	Pos KM	Neg AP			
9TV72K					
Item 3	Pos KM, HemaTrace	Pos ALS, AP, Micro, PSA	NT		
Item 4	Pos KM, HemaTrace	Neg ALS, AP, Micro, PSA	NT		
9U7DZ8					
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		
9VKAE6						
Item 3	Pos LMG	Pos ALS, AP, Micro	NT			
Item 4	Pos LMG	Neg ALS, AP	NT			
9YJEE6						
Item 3	Pos KM	Pos AP, Micro	NT			
Item 4	Pos KM	Neg AP	NT			
A4D6A3						
Item 3	Pos PTMB, HemaTrace	Pos ALS, AP, Micro	NT	Human DNA, Pos Quantifiler		
Item 4	Pos PTMB, HemaTrace	Neg ALS, AP	NT	Human DNA, Pos Quantifiler		
A7CM3N						
Item 3	Pos KM, HemaTrace	Pos AP, Micro	NT			
Item 4	Pos KM, HemaTrace	Neg AP, Micro	NT			
A87BJX						
Item 3	Pos PTMB	Pos AP, Micro, ALS	NT			
Item 4	Pos PTMB	Neg AP, ALS	NT			
AB8GY4						
Item 3	Pos Phenolphthalein, HemaTrace	Pos ALS, AP, ABACard, p30, Micro	Neg ALS, SALIgAE			
Item 4	Pos Phenolphthalein, HemaTrace	Neg ALS, AP, ABACard p30, Micro	Neg ALS, SALIgAE			
AE8KUW						
Item 3	NT	Pos AP, Micro	Neg RSID			
Item 4	NT	Neg AP, Micro	Neg RSID			
AEUU7L						
Item 3	Pos KM, RSID Blood	Pos AP, Micro	Neg RSID-Saliva			
Item 4	Pos KM, RSID Blood	Neg AP, Micro	Neg RSID-Saliva			
AGC8D3						
Item 3	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT			
Item 4	Pos LMG, HemaTrace	Neg AP	NT			
AGVPD9						
Item 3	Pos KM, HemaTrace	Pos BCIP, Micro, p30				
Item 4	Pos KM, HemaTrace	Neg BCIP				
AJKYNA						
Item 3	Pos KM, HemaTrace	Pos AP, Micro, PSA	NT			
Item 4	Pos KM, HemaTrace	Neg AP, Micro, PSA	NT			
AKQZ93						
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Microscopic	NT			
Item 4	Pos KM, HemaTrace	NT	NT			
ALQE28						
Item 3	Pos KM, TMB-Combur	Pos AP, PSA, Micro	Neg Amylase (Phadebas)			
Item 4	Pos KM, TMB-Combur	Neg AP, PSA	Neg Amylase (Phadebas)			

TABLE 1

		Fluid ID		
Webcode	Blood	Semen	Saliva	Other
AMJPYA				
Item 3	Pos LMG, Ouchterlony (anti-HuHb)	Pos AP, Micro, PSA	Neg Amylase	
Item 4	Pos LMG, Ouchterlony (anti-HuHb)	Neg AP, Micro, PSA	Neg Amylase	
ATWKP7				
Item 3	Pos PTMB, HemaTrace	Pos AP, Micro	NT	
Item 4	Pos PTMB, HemaTrace	Neg AP	NT	
AW46EX				
Item 3	Pos KM	Pos AP		
Item 4	Pos KM	Neg AP		
B3C34B				
Item 3	Pos KM, HT, Vis	Pos ALS, AP, Micro, PSA	Neg Amy	
Item 4	Pos KM, HT, Vis	Neg ALS, AP, Micro, PSA	Neg Amy	
B3QE4M				
Item 3	Pos Hemastix	Pos Brentamine	NT	
Item 4	Pos Hemastix	Neg Brentamine	NT	
B46DJA				
Item 3	Pos Hemastix, HemaTrace	Pos AP, PSA, Micro	Neg RSID-Saliva	
Item 4	Pos Hemastix, HemaTrace	Neg AP, PSA, Micro	Neg RSID-Saliva	
B498DW				
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
B4J6A2				
Item 3	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	
B8L7CJ				
Item 3	Pos KM	Pos BCIP, Micro, p30	Neg Phadebas	
Item 4	Pos KM	Neg BCIP	Neg Phadebas	
B8N8FB				
Item 3	Pos KM, HemaTrace	Pos AP, p30, Micro	NT	
Item 4	Pos KM, HemaTrace	Neg AP	NT	
BAPR9W				
Item 3	Pos KM, ABA HemaTrace card	Pos AP, PSA, Micro	Neg Phadebas	Pos ALS
Item 4	Pos KM, ABA HemaTrace card	Neg AP, PSA, Micro	Neg Phadebas	Neg ALS
BBL8KT				
Item 3	Pos Hemastix, HemaTrace	Pos BCIP, PSA, Microscopic Exam	Neg RSID-Saliva	
Item 4	Pos Hemastix, HemaTrace	Neg BCIP, PSA, Microscopic Exam	Neg RSID-Saliva	

TABLE 1

Fluid ID				
Webcode	Blood	Semen	Saliva	Other
BBQDB4				
Item 3	Pos KM, HemaTrace	Pos AP, Seratec, Micro	Neg RSID	
Item 4	Pos KM, HemaTrace	Neg AP, Seratec	Neg RSID	
BE68UG				
Item 3	Pos KM	Pos BCIP, Micro, p30	Neg Phadebas	
Item 4	Pos KM	Neg BCIP	Neg Phadebas	
BE6FTT				
Item 3	Pos Hemastix, HemaTrace	Pos AP, PSA, Micro	Neg RSID-Saliva	
Item 4	Pos Hemastix, HemaTrace	Neg AP	Neg RSID-Saliva	
BFA4UC				
Item 3	Pos TMB	Pos AP, PSA, Micro	NT	
Item 4	Pos TMB	Neg AP, PSA, Micro	NT	
BGEXXW				
Item 3	Pos Red brown, PHTH, O-tol	Pos AP, Micro		
Item 4	Pos Red brown, PHTH, O-tol	Neg AP, Micro		
BH44G9				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
BH9G3J				
Item 3	Pos KM and HemaTrace	Pos AP and PSA	Neg Phadebas	
Item 4	Pos KM and HemaTrace	Neg AP and PSA	Neg Phadebas	
BHNCEX				
Item 3	Pos PTMB	Pos AP, Micro	NT	
Item 4	Pos PTMB	Neg AP	NT	
BKUW3X				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP, Micro	NT	
BQX8MQ				
Item 3	Pos KM, RSID, HemaTrace	Pos AP, Micro, RSID, ABACard	Neg Phadebas	
Item 4	Pos KM, RSID, HemaTrace	Neg AP, Micro, RSID, ABACard	Neg Phadebas	
BRRC96				
Item 3	Pos TMB	Pos AP, Micro	NT	Pos ALS
Item 4	Pos TMB	Neg AP	NT	Neg ALS
BTND62				
Item 3	Pos LMG	Pos ALS, AP, Micro	NT	
Item 4	Pos LMG	Neg ALS, AP, Micro	NT	

TABLE 1

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
BTZTYN					
Item 3	Pos Phenolphthalein, HemaTrace	Pos AP, PSA, Microscopy	Neg RSID	Male DNA, Pos Y-Screening	
Item 4	Pos Phenolphthalein, HemaTrace	Neg AP, PSA, Microscopy	Pos RSID	Male DNA, Neg Y-Screening	
BUL9MR					
Item 3	Pos TMB	Pos AP, ALS, Micro	NT		
Item 4	Pos TMB	Neg AP, ALS	NT		
BUYUZA					
Item 3	Pos Visual, LMG, HemaTrace	Pos ALS, Micro, AP, PSA	NT		
Item 4	Pos Visual, LMG, HemaTrace	Neg ALS, AP	NT		
BYCREN					
Item 3	Pos KM	Pos AP, Micro	NT		
Item 4	Pos KM	Neg AP	NT		
BYW4LA					
Item 3	Pos KM	Pos ALS, AP, Micro	NT		
Item 4	Pos KM	Neg ALS, AP	NT		
BZKMGF					
Item 3	Pos TMB	Pos AP	NT		
Item 4	Pos TMB	Neg AP	NT		
BZR88A					
Item 3	Pos TMB, HemaTrace	NT	NT		
Item 4	Pos TMB, HemaTrace	NT	NT		
BZT6H7					
Item 3	Pos Combur (TMB), KM	Pos AP, PSA, Micro	Neg Phadebas		
Item 4	Pos Combur (TMB), KM	Neg AP, PSA	Neg Phadebas		
BZZ9NW					
Item 3	Pos Immuno-chromatography[sic]	Pos Christmas tree	NT		
Item 4	Pos Immuno-chromatography[sic]	Neg Christmas tree, PSA	NT		
C3QKB9					
Item 3	Pos KM	Pos ALS, AP, Micro	NT		
Item 4	Pos KM	Neg ALS, AP	NT		
CA3YHH					
Item 3	Pos Phenolphthalein	Inc TMP	Neg SAlIgAE		
Item 4	Pos Phenolphthalein	Inc TMP	Neg SAlIgAE		
CA6HNU					
Item 3	Pos KM	Pos AP, Micro, PSA	NT		
Item 4	Pos KM	Neg AP	NT		

TABLE 1

		Fluid ID		
Webcode	Blood	Semen	Saliva	Other
CBH3JP				
Item 3	Pos O-tol	Pos AP, PSA		
Item 4	Pos O-tol	Neg AP, PSA		
CCEHVL				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP, Micro	NT	
CDMTP6				
Item 3	Pos KM	Pos AP, PSA, Micro, ALS	NT	
Item 4	Pos KM	Neg AP, ALS	NT	
CFVYAK				
Item 3	Pos KM, RSID Blood	Pos AP, Micro	Neg RSID-Saliva	
Item 4	Pos KM, RSID Blood	Neg AP	Neg RSID-Saliva	
CHFR4Z				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
CJPVJJ				
Item 3	Pos	Pos	NT	
Item 4	Pos	Neg	NT	
CLL632				
Item 3	Pos O-tol	Pos ALS, AP, Micro	Neg Micro	
Item 4	Pos O-tol	Neg ALS, AP	NT	
CQ2JY9				
Item 3	Pos KM	Pos AP, PSA, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
CQUNZU				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP, Micro	NT	
CRKUEY				
Item 3	Pos KM	Pos AP		
Item 4	Pos KM	Neg AP		
CVQ3WW				
Item 3	Pos PTMB	Pos AP, Micro	NT	
Item 4	Pos PTMB	Neg AP	NT	
CX9JTG				
Item 3	Pos LMG	Pos PSA	Neg SALLgAE	
Item 4	Pos LMG	Neg PSA	Neg SALLgAE	
D288TP				
Item 3	Pos KM	Pos ALS, AP, PSA, Micro	NT	
Item 4	Pos KM	Neg ALS, AP, PSA, Micro	NT	

TABLE 1

Fluid ID				
Webcode	Blood	Semen	Saliva	Other
D4CTMG				
Item 3	Pos TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos TMB, HemDirect	Neg ALS, AP	NT	
D7KYB3				
Item 3	Pos KM	Pos AP, ALS, Micro	NT	
Item 4	Pos KM	Neg AP, ALS	NT	
D8EJ9B				
Item 3	Pos LMG	Pos PSA	NT	
Item 4	Pos LMG	Neg PSA	NT	
DAM8QR				
Item 3	Pos O-tol	Pos AP, Micro, ALS	Neg RSID-Saliva	
Item 4	Pos O-tol	Neg AP, Micro, ALS	Neg RSID-Saliva	
DBV4UQ				
Item 3	Pos KM-SP	Pos PSA-Micro	Neg RSID	
Item 4	Pos KM-SP	Neg PSA-Micro	Neg RSID	
DD62CE				
Item 3	Pos KM	Pos AP, Micro	Neg Radial Diffusion	
Item 4	Pos KM	Neg AP, Micro	Neg Radial Diffusion	
DDNU8W				
Item 3	Pos LMG, HemaTrace	Pos AP, Micro, PSA	Neg Amylase	
Item 4	Pos LMG, HemaTrace	Neg AP, Micro, PSA	Neg Amylase	
DDYWQA				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
DEUEUW				
Item 3	Pos TMB	Pos AP, Micro, PSA	NT	
Item 4	Pos TMB	Neg AP, Micro, PSA	NT	
DGJLBM				
Item 3	Pos HemaTrace	Pos PSA, Semenogelin	NT	
Item 4	Pos HemaTrace	Neg PSA	NT	
DGMCDN				
Item 3	Pos TMB, PHT	Pos AP, ALS, Micro, PSA	NT	
Item 4	Pos TMB, PHT	Neg AP, ALS	NT	
DHYZM3				
Item 3	Pos TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos TMB, HemDirect	Neg ALS, AP	NT	
DJEH49				
Item 3	Pos KM, HemaTrace	Pos AP, Micro, PSA	Neg Amylase Diffusion	
Item 4	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg Amylase Diffusion	

TABLE 1

		Fluid ID			
Webcode	Blood		Semen	Saliva	Other
DJMGWB					
Item 3	Pos	Hemoglobin(ABAcad HemaTrace)	Pos	p30(Abacard p30)	NT
Item 4	Pos	Hemoglobin(ABAcad HemaTrace)	Neg	p30(Abacard p30)	NT
DKLJNZ					
Item 3	Pos	KM, HemaTrace	Pos	AP, PSA, ALS, Micro	NT
Item 4	Pos	KM, HemaTrace	Neg	AP, PSA, ALS	NT
DMVDW8					
Item 3	Pos	KM	Pos	AP, PSA	NT
Item 4	Pos	KM	Neg	AP	NT
DN3X6F					
Item 3	Pos	KM, O-tol	Pos	AP, PSA, Micro	Neg SALLgAE Human Blood, OBTI Pos
Item 4	Pos	KM, O-tol	Neg	AP, PSA, Micro	Neg SALLgAE Human Blood, OBTI Pos
DNMYG3					
Item 3	Pos	TMB, KM	Pos	AP, PSA, Micro	Neg Phadebas
Item 4	Pos	TMB, KM	Neg	AP, PSA	Neg Phadebas
DPEQ4N					
Item 3	Pos	TMB, KM	Pos	ALS, AP, Micro, PSA	Neg RSID
Item 4	Pos	TMB, KM	Neg	ALS, AP, Micro, PSA	Neg RSID
DPXKT6					
Item 3	Pos	KM	Pos	AP, Micro for Sperm	Neg Amylase, Micro for NECs
Item 4	Pos	KM	Neg	AP, Micro for Sperm	Neg Amylase, Micro for NECs
DRK28J					
Item 3	Pos	KM, Hexagon OBTI	Pos	AP, RSID-Semen, PSA	NT
Item 4	Pos	KM, Hexagon OBTI	Neg	AP	NT
DRNMZD					
Item 3	Pos	Takayama	Pos	PSA, Micro	NT
Item 4	Pos	Takayama	Neg	PSA, Micro	NT
DTHVY3					
Item 3	Pos	KM	Pos	AP, Micro, ALS	Neg Phadebas Human, Pos Quant Duo
Item 4	Pos	KM	Neg	AP, Micro, ALS	Neg Phadebas Human, Pos Quant Duo
DVJMRU					
Item 3	Pos	inmuno- choromatography[sic]	Pos	PSA, Micro	Neg SALLgAE
Item 4	Pos	inmuno- choromatography[sic]	Neg	PSA	Neg SALLgAE
DVZL6R					
Item 3	Pos	KM, HemaTrace	Pos	AP, Micro	NT
Item 4	Pos	KM, HemaTrace	Neg	AP, Micro	NT

TABLE 1

		Fluid ID		
Webcode	Blood	Semen	Saliva	Other
DX9T9K				
Item 3	Pos Hemastix	Pos Brentamine	NT	
Item 4	Pos Hemastix	Neg Brentamine	NT	
E23AZ6				
Item 3	Pos visual, LMG, ABA HemaTrace	Pos ALS, AP, Micro	NT	
Item 4	Pos visual, LMG, ABA HemaTrace	Neg ALS, AP, Micro, ABA PSA	NT	
E7HNWC				
Item 3	Pos LMG	Pos Micro, AP, PSA	Neg Phadebas	
Item 4	Pos LMG	Neg Micro, AP, PSA	Neg Phadebas	
E7YD6B				
Item 3	Pos KM, HemaTrace	Pos AP, Micro, PSA	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
E8HR22				
Item 3	Pos KM, HemaTrace	Pos ALS, AP, RSID-Semen	NT	
Item 4	Pos KM, HemaTrace	Neg AP	NT	
E8U7AP				
Item 3	Pos KM, ABA(Blood)	Pos TMP, ABA(Semen)	Neg RSID(Saliva)	
Item 4	Pos KM, ABA(Blood)	Neg TMP, ABA(Semen)	Neg RSID(Saliva)	
E9NZNL				
Item 3	Pos TMB	Pos ALS, AP, Micro	NT	
Item 4	Pos TMB	Neg ALS, AP	NT	
E9NZQ7				
Item 3	Pos TMB	Pos ALS, AP, Micro	NT	
Item 4	Pos TMB	Neg ALS, AP	NT	
EBBQYQ				
Item 3	Pos Hemastix, HemaTrace	Pos AP, PSA, Micro	Neg RSID	
Item 4	Pos Hemastix, HemaTrace	Neg AP, PSA, Micro	Neg RSID	
EBW792				
Item 3	Pos Hemastix, HemaTrace	Pos AP, PSA, Micro	NT	
Item 4	Pos Hemastix, HemaTrace	Neg AP	NT	
ECN9TV				
Item 3	Pos TMB	Pos AP, Micro	NT	
Item 4	Pos TMB	Neg AP, Micro, PSA	NT	
EDKBUY				
Item 3	Pos LMG	Pos AP, Micro	NT	
Item 4	Pos LMG	Neg AP	NT	
EEU992				
Item 3	Pos TMB, HemaTrace	Pos AP, Micro	NT	
Item 4	Pos TMB, HemaTrace	Neg AP	NT	

TABLE 1

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
EEUUK3					
Item 3	Pos TMB, HemDirect	Pos ALS, AP, SS, PSA	NT		
Item 4	Pos TMB, HemDirect	Neg ALS, AP	NT		
EKEUZE					
Item 3	Pos TMB	Pos ALS, AP	NT		
Item 4	Pos TMB	Neg ALS, AP	NT		
EKGHHT					
Item 3	Pos KM	Pos AP, PSA, Micro	NT	Fluorescence, Inc ALS	
Item 4	Pos KM, HemaTrace	Neg AP	Neg Phadebas	Fluorescence, ALS Neg	
EKNF4Q					
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	
ELDXUP					
Item 3	Pos Hemastix, HemaTrace	Pos Micro, p30	Neg RSID		
Item 4	Pos Hemastix, HemaTrace	Neg Micro, p30	Neg RSID		
ELFFZ2					
Item 3	Pos KM	Pos ALS, AP, Micro	NT		
Item 4	Pos KM	Neg ALS, AP	NT		
ELH9WN					
Item 3	Pos KM, TMB, HemaTrace	Pos AP, PSA, Micro	Neg Starch-Iodine, Phadebas	Urine, Neg Urease	
Item 4	Pos KM, TMB, HemaTrace	Neg AP, PSA, Micro	Neg Starch-Iodine, Phadebas	Urine, Neg Urease	
ELVYKY					
Item 3	Pos Hemastix, HemaTrace	Pos AP, Micro	Neg RSID		
Item 4	Pos Hemastix, HemaTrace	Neg AP	Neg RSID		
ER6Z4G					
Item 3	Pos HemaTrace	Pos AP, Micro	NT		
Item 4	Pos HemaTrace	Neg AP	NT		
ETDTTU					
Item 3	Pos KM, ABACard	Pos AP, PSA	Neg Phadebas Press test		
Item 4	Pos KM, ABACard	Neg AP	Neg Phadebas Press test		
ETGT26					
Item 3	Pos PTMB	Pos ALS, AP, Micro	NT		
Item 4	Pos PTMB	Neg ALS, AP	NT		
EUZ3GV					
Item 3		Pos Micro		Pos ALS	
Item 4		Neg Micro, PSA		Pos ALS	

TABLE 1

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
EVH6AP					
Item 3	Pos Hemastix, HemaTrace	Pos ALS, BCIP, PSA, Micro	NT		
Item 4	Pos Hemastix, HemaTrace	Neg ALS, BCIP	NT		
EWDNDC					
Item 3	Pos KM	Pos AP, Micro for Sperm	Neg ARD, Micro for nuc. E-cells		
Item 4	Pos KM	Neg AP, Micro for Sperm	Neg ARD, Micro for nuc. E-cells		
EWEC33					
Item 3	Pos PTMB, HemaTrace	Pos ALS, AP, Micro, PSA	NT		
Item 4	Pos PTMB, HemaTrace	Neg ALS, AP	NT		
EWMJMJ					
Item 3	Pos TMB	Pos ALS, AP, Micro, PSA	NT		
Item 4	Pos TMB	Neg ALS, AP, PSA, Micro	NT		
EX7LJX					
Item 3	Pos KM, HemaTrace	Pos AP, ALS, Micro, PSA	NT		
Item 4	Pos KM, HemaTrace	Neg AP, ALS, Micro, PSA	NT		
EY2MKZ					
Item 3	Pos KM	Pos ALS, AP, Micro	NT		
Item 4	Pos KM	Neg ALS, AP	NT		
EYJYF8					
Item 3	Pos KM, Takayama, Ouchterlony	Pos ALS, AP, Micro	Neg RSID		
Item 4	Pos KM, Takayama, Ouchterlony	Neg ALS, AP	Neg RSID		
F2HQUX					
Item 3	Pos KM, HemaTrace	Pos STMP, Micro	Neg Amylase		
Item 4	Pos KM, HemaTrace	Neg STMP, PSA	Neg Amylase		
F2JN49					
Item 3	Pos RSID-Blood	Pos RSID-Semen	Neg RSID-Saliva		
Item 4	Pos RSID-Blood	Neg RSID-Semen	Neg RSID-Saliva		
F3ZQ3U					
Item 3	Pos KM	Pos AP, PSA	NT		
Item 4	Pos KM	Neg AP	NT		
F67A6W					
Item 3	Pos PTMB, HemaTrace	Pos AP, Micro	NT	Human Origin, Quantifiler Pos	
Item 4	Pos PTMB, HemaTrace	Neg AP	NT	Human Origin, Quantifiler Pos	
F7FJBT					
Item 3	Pos KM, ABA	Pos AP, PSA	Neg Phadebas		
Item 4	Pos KM, ABA	Neg AP	Neg Phadebas		

TABLE 1

		Fluid ID		
Webcode	Blood	Semen	Saliva	Other
F9H7HK				
Item 3	Pos TMB	Pos AP, Micro, PSA	Neg Amylase Diffusion	
Item 4	Pos TMB	Neg AP, Micro, PSA	Neg Amylase Diffusion	
F9KVQN				
Item 3	Pos Hemastix, HemaTrace	Pos p30, Microscopic	Neg RSID	
Item 4	Pos Hemastix, HemaTrace	Neg p30, Microscopic	Neg RSID	
F9P2GY				
Item 3	Pos KM, HemaTrace	Pos AP, Seratec, Micro	Neg RSID	
Item 4	Pos KM, HemaTrace	Neg AP, Seratec	Neg RSID	
F9Z24T				
Item 3	Pos KM	Pos AP		
Item 4	Pos KM	Neg AP		
FB9CYB				
Item 3	Pos RSID	Pos RSID	Neg RSID	
Item 4	Pos RSID	Neg RSID	Neg RSID	
FBRRCX				
Item 3	Pos O-tol	Pos AP, Micro	NT	Human Blood, HemaTrace Pos
Item 4	Pos O-tol	Neg AP	NT	Human Blood HemaTrace
FC6HP3				
Item 3	Pos LMG, Ouchterlony (α-HuHb)	Pos AP, PSA, Micro, ALS	Neg Amylase	
Item 4	Pos LMG, Ouchterlony (α-HuHb)	Neg AP, PSA, Micro, ALS	Neg Amylase	
FDD336				
Item 3	Pos Visual, LMG, HemaTrace	Pos ALS, AP, Micro	NT	
Item 4	Pos Visual, LMG, HemaTrace	Neg ALS, AP	NT	
FE7AMM				
Item 3	Pos KM, RSID-Blood	Pos AP, Micro	Neg Phadebas Amylase	Urine, Neg RSID-Urine
Item 4	Pos KM, RSID-Blood	Neg AP*, Micro, RSID-Semen, p30	Neg Phadebas Amylase	
FGWF6Y				
Item 3	Pos KM	Pos AP, Micro	Neg Radial Diffusion	
Item 4	Pos KM	Neg AP, Micro	Neg Radial Diffusion	
FH9P3K				
Item 3	Pos KM	Pos ALS, AP, PSA, Micro	NT	
Item 4	Pos KM	Neg ALS, AP, PSA	NT	
FNWUTK				
Item 3	Pos KM, RSID-Blood	Pos AP, Micro	Neg Phadebas (Amylase)	Urine, Neg RSID-Urine
Item 4	Pos KM, RSID-Blood	Neg AP*, Micro, RSID-Semen, p30	Neg Phadebas (Amylase)	

TABLE 1

Fluid ID				
Webcode	Blood	Semen	Saliva	Other
FPP8FT				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
FQNBA4				
Item 3	Pos TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos TMB, HemDirect	Neg ALS, AP	NT	
FRDUWM				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
FRNP78				
Item 3	Pos Hemoglobina Humana (hHB)	Pos PSA		
Item 4	Pos Hemoglobina Humana (hHB)	Neg PSA		
FVXAF8				
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
FX47U4				
Item 3	Pos KM, Hemastix, HemaTrace	Pos AP, PSA, Micro (Sperm)	Neg Amylase RD, Micro (nuc. e-cells)	
Item 4	Pos KM, Hemastix, HemaTrace	Neg AP, PSA, Micro (Sperm)	Neg Amylase RD, Micro (nuc. e-cells)	
FYZBWR				
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT	
Item 4	Pos KM, HemaTrace	Neg AP	NT	
FZAMB9				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
G2E4RV				
Item 3	Pos LMG	Pos ALS, AP, Micro	NT	
Item 4	Pos LMG	Neg ALS, AP	NT	
G3TXRY				
Item 3	Pos Hemastix, ABA HemaTrace Confirmatory	Pos AP, PSA, Micro	NT	
Item 4	Pos Hemastix, ABA HemaTrace Confirmatory	Neg AP, PSA, Micro	NT	
G7U63N				
Item 3	Pos KM	Pos AP, PSA, Micro	Neg RSID	
Item 4	Pos KM	Neg AP	Neg RSID	
G86RYH				
Item 3	Pos LMG, HemaTrace	Pos AP, PSA, Micro	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	

TABLE 1

		Fluid ID		
Webcode	Blood	Semen	Saliva	Other
G8NU6W				
Item 3	Pos Phenolphthalein, ABACard Hb	Pos ALS, AP, PSA, Micro	Neg SALLgAE	
Item 4	Pos Phenolphthalein, ABACard Hb	Neg ALS, AP, PSA, Micro	Neg SALLgAE	
G8THYA				
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
GB9MHK				
Item 3	Pos KM, HemaTrace	Pos AP, Micro, PSA	Neg rsid	
Item 4	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg rsid	
GCXZXH				
Item 3	Pos TMB	Pos AP, Micro	NT	
Item 4	Pos TMB	Neg AP	NT	
GDGR2Z				
Item 3	Pos PTMB, HemaTrace	Pos AP, PSA, Micro	NT	
Item 4	Pos PTMB, HemaTrace	Neg AP	NT	
GE9ELW				
Item 3	Pos KM	Pos ALS, AP, Micro	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
GEMB3G				
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT	
Item 4	Pos KM, HemaTrace	Neg AP	NT	
GHNTA3				
Item 3	Pos KM	Pos BCIP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM	Neg BCIP	Neg Phadebas	
GJ2QR9				
Item 3	Pos KM, Human Blood cassette	Pos AP, Micro, RSID-Semen	Neg Phadebas	
Item 4	Pos KM, Human Blood cassette	Neg AP, Micro, RSID-Semen	Neg Phadebas	
GJG44Y				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
GJHZCA				
Item 3	Pos KM			
Item 4	Pos KM			
GL4TCH				
Item 3	Pos PTMB	Pos AP, Micro	NT	
Item 4	Pos PTMB	Neg AP	NT	

TABLE 1

		Fluid ID		
Webcode	Blood	Semen	Saliva	Other
GLK4YP				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
GLTRUQ				
Item 3	Pos KM	Pos AP, PSA, Micro	Neg RSID	
Item 4	Pos KM	Neg AP	Neg RSID	
GMYCGQ				
Item 3	Pos KM	Pos AP, Micro	Neg RSID-Saliva	
Item 4	Pos KM	Neg AP, Micro	Neg RSID-Saliva	
GNE9U4				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
GP6YUV				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
GPKC4Z				
Item 3	Pos LMG, KM, HT	Pos AP, Micro	NT	
Item 4	Pos LMG, KM, HT	Neg AP, Micro, PSA	Neg RSID-Saliva	
GQXRNT				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
GRCCG3				
Item 3	Pos KM	Pos AP, PSA	NT	
Item 4	Pos KM	Neg AP	NT	
GTM77B				
Item 3	Pos TMB	Pos AP, ALS	NT	
Item 4	Pos TMB	Neg AP, ALS	NT	
GTPQ4C				
Item 3	Pos KM	Pos ALS, AP, Micro	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
GWPKQ2				
Item 3	Pos KM	Pos ALS, BCIP, p30, Micro	Neg Phadebas	
Item 4	Pos KM	Neg ALS, BCIP	Neg Phadebas	
GXF6K7				
Item 3	Pos TMB	Pos ALS, AP, Micro	NT	
Item 4	Pos TMB	Neg ALS, AP	NT	

TABLE 1

Fluid ID							
Webcode	Blood		Semen		Saliva	Other	
GXKD28							
Item 3	Pos	KM, Modified Takayama	Pos	AP, Micro	Neg	RSID-Saliva	Species-Human, Ouchterlony Pos
Item 4	Pos	KM, Modified Takayama	Neg	AP	Neg	RSID-Saliva	Species-Human, Ouchterlony Pos
GZ3Q9M							
Item 3	Pos	KM	Pos	ALS, AP, Micro, PSA	NT		
Item 4	Pos	KM	Neg	ALS, AP, Micro, PSA	NT		
H2ER4M							
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
H2U3P9							
Item 3	Pos	TMB, HemDirect	Pos	AP, Micro, PSA	NT		
Item 4	Pos	TMB, HemDirect	Neg	AP, Micro, PSA	NT		
H42KLH							
Item 3	Pos	TMB	Pos	AP, Micro	NT		
Item 4	Pos	TMB	Neg	AP, Micro, PSA	NT		
H4MY8F							
Item 3	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	NT		
Item 4	Pos	KM, HemaTrace	Neg	AP	NT		
H74KMF							
Item 3	Pos	KM, HemaTrace	Pos	ALS, AP, PSA, Micro	Neg	SALlgAE	
Item 4	Pos	KM, HemaTrace	Neg	ALS, AP, PSA	Neg	SALlgAE	
H7UWKA							
Item 3	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	Neg	Phadebas	
Item 4	Pos	KM, HemaTrace	Neg	AP, PSA, Micro	Neg	Phadebas	
HBJVZJ							
Item 3	Pos	TMB	Pos	AP, Micro, PSA	Neg	Amylase Diffusion	
Item 4	Pos	TMB	Neg	AP, Micro, PSA	Neg	Amylase Diffusion	
HCW43X							
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
HFGVBE							
Item 3	Pos	KM, HB	Pos	AP, Micro, PSA	NT		
Item 4	Pos	KM, HB	Neg	AP	NT		
HH72UQ							
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	
HKAWDU					
Item 3	Pos O-tol	Pos AP, PSA, Microscope	Neg Amylase Radial Diffusion	Human Blood, RSID-Blood Pos	
Item 4	Pos O-tol	Neg AP, PSA, Microscope	Neg Amylase Radial Diffusion	Human Blood, RSID-Blood Pos	
HPHUP2					
Item 3	Pos KM	Pos AP, Micro			
Item 4	Pos KM	Neg AP			
HQD9HL					
Item 3	Pos KM	Pos AP, Micro	NT		
Item 4	Pos KM	Neg AP	NT		
HQW9BP					
Item 3	Pos KM	Pos AP			
Item 4	Pos KM	Neg AP			
HR6GHP					
Item 3	Pos LMG, HemaTrace	Pos AP, Micro, PSA	Neg Amylase		
Item 4	Pos LMG, HemaTrace	Neg AP, Micro, PSA	Neg Amylase		
HUCC2D					
Item 3	Pos KM	Pos AP/PSA	Neg Phadebas	Blood, Pos HemaTrace	
Item 4	Pos KM	Neg AP/PSA	Neg Phadebas	Blood, Pos HemaTrace	
HV737R					
Item 3	Pos KM	Pos AP, Micro	NT		
Item 4	Pos KM	Neg AP	NT		
HWMPUV					
Item 3	Pos KM	Pos AP, Micro	Neg RSID-Saliva		
Item 4	Pos KM	Neg AP, Micro	Neg RSID-Saliva		
HYEJXR					
Item 3	Pos PTMB, HemaTrace	Pos ALS, AP, Micro	NT		
Item 4	Pos PTMB, HemaTrace	Neg ALS			
HZ4Y28					
Item 3	Pos KM	Pos AP, Micro	NT		
Item 4	Pos KM	Neg AP, Micro	NT		
HZ7JV3					
Item 3	Pos KM	Pos ALS, AP, PSA, Micro	NT		
Item 4	Pos KM	Neg ALS, AP	NT		
J7NYP4					
Item 3	Pos KM, Hema	Pos AP, PSA, Micro	Neg Phadebas		
Item 4	Pos KM, Hema	Neg AP, PSA, Micro	Neg Phadebas		
J8DWW6					
Item 3	Pos KM	Pos AP, Micro	NT		
Item 4	Pos KM	Neg AP, Micro, PSA	NT		

TABLE 1

Fluid ID					
Webcode	Blood	Semen	Saliva	Other	
J8GNER					
Item 3	Pos KM	Pos ALS, FBB, Micro	NT		
Item 4	Pos KM	Neg ALS, FBB	NT		
JA9UQB					
Item 3	Pos KM, HemaTrace	Pos AP, PSA	Neg Phadebas		
Item 4	Pos KM, HemaTrace	Neg AP, PSA	Neg Phadebas		
JDQ7BY					
Item 3	Pos KM, TMB	Pos AP, PSA, Micro	Neg Phadebas		
Item 4	Pos KM, TMB	Neg AP, PSA	Neg Phadebas		
JHDYF8					
Item 3	Pos KM, HemaTrace	Pos AP, Micro, PSA	Neg Phadebas		
Item 4	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas		
JJD26B					
Item 3	Pos KM, HemaTrace	Pos AP, PSA	Neg Phadebas		
Item 4	Pos KM, HemaTrace	Neg AP, PSA	Neg Phadebas		
JJTPFX					
Item 3	Pos KM	Pos ALS, AP, Micro	NT		
Item 4	Pos KM	Neg ALS, AP	NT		
JJUMQT					
Item 3	Pos KM	Pos AP, Micro	Neg RSID-Saliva		
Item 4	Pos KM	Neg AP	Neg RSID-Saliva		
JMDGRZ					
Item 3	Pos KM	Pos ALS, AP, Micro	NT		
Item 4	Pos KM	Neg ALS, AP	NT		
JQ9DBZ					
Item 3	Pos LMG, HemaTrace	Pos AP, PSA, Micro	NT		
Item 4	Pos LMG, HemaTrace	Neg AP, PSA, Micro	NT		
JTZECG					
Item 3	Pos KM, HemaTrace	Pos ALS (negative), AP, Micro, PSA	NT		
Item 4	Pos KM, HemaTrace	Neg ALS, AP	NT		
JUBUKU					
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	
JUVUNE					
Item 3	Pos KM	Pos AP, Micro	NT		
Item 4	Pos KM	Neg AP, Micro	NT		

TABLE 1

Fluid ID					
Webcode	Blood	Semen	Saliva	Other	
JWW3Q4					
Item 3	Pos TMB	Pos ALS, AP, Micro	NT		
Item 4	Pos TMB	Neg ALS, AP	NT		
JXEZ9V					
Item 3	Pos KM, HemaTrace	Pos AP, Seratec, Micro	Neg RSID		
Item 4	Pos KM, HemaTrace	Neg AP, Seratec	Neg RSID		
K2MWYN					
Item 3	Pos TMB	Pos AP, Micro	NT		
Item 4	Pos TMB	Neg AP, Micro, PSA	NT		
K3JQXY					
Item 3	Pos TMB	Pos AP, ALS, PSA, Micro	NT		
Item 4	Pos TMB	Neg AP, ALS	NT		
K3WTH8					
Item 3	Pos KM, O-tol	Pos AP, PSA, Micro	Neg SAlIgAE	Human Blood, OBTI Pos	
Item 4	Pos KM, O-tol	Neg AP, PSA, Micro	Neg SAlIgAE	Human Blood, OBTI Pos	
K4F7AW					
Item 3	Pos KM, HemaTrace	Pos p30, Micro	Neg Phadebas		
Item 4	Pos KM, HemaTrace	Neg p30, Micro	Neg Phadebas		
K6AA9R					
Item 3	Pos KM	Pos AP, Micro	Neg Phadebas		
Item 4	Pos KM	Neg AP, Micro	Neg Phadebas		
K7FY3N					
Item 3	Pos LMG, HemaTrace	Pos AP, PSA, Micro	Neg Amylase		
Item 4	Pos LMG, HemaTrace	Neg AP, PSA, Micro	Neg Amylase		
K7GR3G					
Item 3	Pos KM	Pos AP, PSA, Micro	NT		
Item 4	Pos KM, HemaTrace	Neg AP	NT		
K7NRCX					
Item 3	Pos PTMB, HemaTrace	Pos AP, Micro	NT		
Item 4	Pos PTMB, HemaTrace	Neg AP, Micro	NT		
K97XLT					
Item 3	Pos LMG	Pos AP, PSA	Neg RSID		
Item 4	Pos LMG	Neg AP	Neg RSID		
KAZVPT					
Item 3	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT		
Item 4	Pos LMG, HemaTrace	Neg AP	NT		
KBP286					
Item 3	Pos KM	Pos AP, Micro, PSA	NT		
Item 4	Pos KM	Neg AP, Micro, PSA	NT		

TABLE 1

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
KF8C9F					
Item 3	Pos KM	Pos ALS, AP, Micro	NT		
Item 4	Pos KM, HemaTrace	Neg ALS, AP	NT		
KFMNT7					
Item 3	Pos HemaTrace	Pos Alternate Light Source, AP, PSA	NT		
Item 4	Pos HemaTrace	Neg Alternate Light Source, AP, PSA	NT		
KFT764					
Item 3	Pos KM, HemaTrace	Pos AP, Micro, PSA	Neg Phadebas		
Item 4	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas		
KKVYXT					
Item 3	Pos KM, HemaTrace	Pos ALS, AP, Micro, PSA	NT		
Item 4	Pos KM, HemaTrace	Neg ALS, AP, Micro, PSA	NT		
KML83N					
Item 3	Pos	Pos PSA	NT		
Item 4	Pos	Neg PSA	NT		
KMP7GB					
Item 3	Pos KM, HemaTrace	Pos AP, PSA	Neg Phadebas		
Item 4	Pos KM, HemaTrace	Neg AP, PSA	Neg Phadebas		
KNJWMQ					
Item 3	Pos KM	Pos AP, Micro	NT		
Item 4	Pos KM	Neg AP	NT		
KPEDYM					
Item 3	Pos O-tol	Pos AP, Micro	NT		
Item 4	Pos O-tol	Neg AP	NT		
KPXL7P					
Item 3	Pos PTMB, HemaTrace	Pos AP, Micro	NT	Human, Pos Quantifiler	
Item 4	Pos PTMB, HemaTrace	Neg AP	NT	Human, Pos Quantifiler	
KQ8WW2					
Item 3	Pos KM, Takayama	Pos AP, Micro	Neg RSID-Saliva	Human Origin, Ouchterlony Pos	
Item 4	Pos KM, Takayama	Neg AP, Micro	Neg RSID-Saliva	Human Origin, Ouchterlony Pos	
KQ9VPA					
Item 3	Pos KM	Pos AP, Micro	NT		
Item 4	Pos KM	Neg AP	NT		
KTVWL3					
Item 3	Pos KM, HemaTrace	Pos AP, Micro, PSA	Neg Phadebas		
Item 4	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas		

TABLE 1

		Fluid ID				
Webcode	Blood	Semen	Saliva	Other		
KTX29L						
Item 3	Pos PTMB	Pos AP, Micro	NT			
Item 4	Pos PTMB	Neg AP, ALS	NT			
KVL8Q						
Item 3	Pos KM	Pos AP, Micro	NT			
Item 4	Pos KM	Neg AP	NT			
KVM76Y						
Item 3	Pos KM	Pos ALS, AP, Micro	NT			
Item 4	Pos KM	Neg ALS, AP	NT			
KWBZ6						
Item 3	Pos TMB, HemDirect	Pos ALS, AP, SS, PSA	NT			
Item 4	Pos TMB, HemDirect	Neg ALS, AP	NT			
KYXBNL						
Item 3	Pos TMB, KM, HemaTrace	Pos ALS, AP, Micro, PSA				
Item 4	Pos TMB, KM, HemaTrace	Neg ALS, AP				
KZQJF3						
Item 3	Pos TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT			
Item 4	Pos TMB, HemDirect	Neg ALS, AP	NT			
L28NY2						
Item 3	Pos KM	Pos ALS, AP, Micro	NT			
Item 4	Pos KM	Neg ALS, AP	NT			
L3FXTJ						
Item 3	Pos KM	Pos AP, PSA, Micro	Neg RSID	Fluorescence, Pos ALS		
Item 4	Pos KM	Neg AP	Neg RSID	Fluorescence, ALS Neg		
L3HJMD						
Item 3	Pos KM	Pos AP, Micro	NT			
Item 4	Pos KM	Neg AP	NT			
L4N98A						
Item 3	Pos Phenolphthalein	Inc TMP, RSID	Neg SALigAE®			
Item 4	Pos Phenolphthalein	Inc TMP, RSID	Neg SALigAE®			
L7DKH2						
Item 3	Pos KM	Pos ALS, AP, Micro	NT			
Item 4	Pos KM	Neg ALS, AP	NT			
L7Y3EV						
Item 3	Pos TMB, HemDirect	Pos ALS, AP, S.S, PSA	NT			
Item 4	Pos TMB, HemDirect	Neg ALS, AP	NT			
LC3WJN						
Item 3	Pos KM	Pos AP, Micro	NT			
Item 4	Pos KM	Neg AP	NT			

TABLE 1

		Fluid ID		
Webcode	Blood	Semen	Saliva	Other
LCXN3N				
Item 3	Pos TMB	Pos AP, Micro	NT	
Item 4	Pos TMB	Neg AP, PSA, Micro	NT	
LEMXCP				
Item 3	Pos visual, LMG, HemaTrace	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos visual, LMG, HemaTrace	Neg ALS, Micro, PSA	NT	
LFPYJN				
Item 3	Pos KM, ABACard	Pos AP, p30	Neg Phadebas	
Item 4	Pos KM, ABACard	Neg AP	Neg Phadebas	
LHQJC9				
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg RSID	
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg RSID	
LJJZEB				
Item 3	Pos KM, HemaTrace	Pos AP, PSA	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, PSA	Neg Phadebas	
LJKEQ6				
Item 3	Pos TMB	Pos AP, Micro	NT	
Item 4	Pos TMB	Neg AP	NT	
LJZQDG				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
LKUJ38				
Item 3	Pos TMB	Pos ALS, AP, Micro	NT	
Item 4	Pos TMB	Neg ALS, AP	NT	
LLBL4E				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
LLBPTJ				
Item 3	Pos LMG	Pos AP, Micro	NT	
Item 4	Pos LMG, HemaTrace	Neg AP, PSA	NT	
LP6GU2				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
LRENU9				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
LRZZXM				
Item 3	Pos LMG, HemaTrace	Pos AP, Micro, PSA	Neg Amylase	
Item 4	Pos LMG, HemaTrace	Neg AP, Micro, PSA	Neg Amylase	

TABLE 1

Fluid ID				
Webcode	Blood	Semen	Saliva	Other
LT4X3N				
Item 3	Pos KM	Pos AP, PSA	NT	
Item 4	Pos KM	Neg AP, PSA	NT	
LT8LFL				
Item 3	Pos PTMB, HemaTrace	Pos AP, Micro	NT	
Item 4	Pos PTMB, HemaTrace	Neg AP	NT	
LTR83K				
Item 3	Pos PTMB	Pos AP, Micro	NT	
Item 4	Pos PTMB	Neg AP, Micro	NT	
LUNMEG				
Item 3	Pos HemaTrace	Pos p30	Neg RSID	
Item 4	Pos HemaTrace	Neg p30	Neg RSID	
LV9QU2				
Item 3	Pos LMG	Pos AP, Micro	NT	
Item 4	Pos LMG	Neg AP, Micro, PSA	Neg Amylase - RSID-Saliva	
LYZRMP				
Item 3	Pos KM	Pos ALS, AP, Micro	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
LZUABR				
Item 3	Pos KM, HemaTrace	Pos AP, Seratec, Micro	Neg RSID	
Item 4	Pos KM, HemaTrace	Neg AP, Seratec	Neg RSID	
M2J3K2				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
M2V6G				
Item 3	Pos KM	Pos AP, PSA, Micro, ALS	NT	
Item 4	Pos KM	Neg AP, PSA, Micro, ALS	NT	
M4PXAQ				
Item 3	Pos KM	Pos AP, Micro	Neg Radial Diffusion	
Item 4	Pos KM	Neg AP	Neg Radial Diffusion	
M9GJAK				
Item 3	Pos KM	Pos ALS, AP, Micro	NT	
Item 4	Pos KM	Neg ALS	NT	
MBKETN				
Item 3	Pos KM	Pos AP, Micro	Neg RSID-Saliva	
Item 4	Pos KM	Neg AP, Micro	Neg RSID-Saliva	
MBL8PB				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP, Micro	NT	

TABLE 1

Fluid ID				
Webcode	Blood	Semen	Saliva	Other
MCLX47				
Item 3	Pos KM	Pos AP, PSA, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
MCYNWW				
Item 3	Pos LMG, HemaTrace	Pos Brentamine, Micro, PSA	NT	
Item 4	Pos LMG, HemaTrace	Neg Brentamine	NT	
ME3JFZ				
Item 3	Pos LMG, FOB	Pos SM, PSA	NT	
Item 4	Pos LMG, FOB	Neg SM, PSA	NT	
MFJE2D				
Item 3	Pos O-tol	Pos AP, Micro	NT	
Item 4	Pos O-tol	Neg AP	NT	
MH9KJN				
Item 3	Pos Ortho-tolidine	Pos Acid phosphatase, p30, Sperm	Neg Amylase	
Item 4	Pos Ortho-tolidine	Neg Acid phosphatase	NT	
MJH4AR				
Item 3	Pos TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos TMB, HemDirect	Neg ALS, AP, Micro, PSA	NT	
MJJUM3				
Item 3	Pos Takayama	Pos PSA, Micro	NT	
Item 4	Pos Takayama	Neg PSA, Micro	NT	
MJKDHW				
Item 3	Pos TMB, HemaTrace	Pos AP, p30, Micro	NT	
Item 4	Pos TMB, HemaTrace	Neg AP, p30, Micro	Neg RSID-Saliva	
MLPEB3				
Item 3	Pos KM, HemaTrace	Pos ALS, AP, PSA, Micro	NT	
Item 4	Pos KM, HemaTrace	Neg ALS, AP, PSA, Micro	NT	
MNXTCV				
Item 3	Pos KM, HemaTrace	Pos AP, PSA	Neg Phadebas Press	
Item 4	Pos KM, HemaTrace	Neg AP	Neg Phadebas Press	
MPA6YL				
Item 3	Pos HS, HT	Pos AP, Micro, p30	Neg RSID	
Item 4	Pos HS, HT	Neg AP, Micro, p30	Neg RSID	
MPMREE				
Item 3	Pos TMB	Pos ALS, AP, Micro	NT	
Item 4	Pos TMB	Neg ALS, AP, Micro, PSA	NT	

TABLE 1

		Fluid ID				
Webcode	Blood	Semen	Saliva	Other		
MQMU4J						
Item 3	Pos KM	Pos ALS, AP, PSA, Micro	NT	Human Origin, HemaTrace Pos		
Item 4	Pos KM	Inc ALS, AP, PSA, Micro	NT	Human Origin, HemaTrace Pos		
MRT9KX						
Item 3	Pos KM	Pos AP	NT			
Item 4	Pos KM	Neg AP	NT			
MT7EZR						
Item 3	Pos KM, HemaTrace	Pos AP, ALS, RSID-Semen	NT			
Item 4	Pos KM, HemaTrace	Neg AP	NT			
MTB724						
Item 3	Pos KM	Pos AP, PSA	Neg Phadebas Amylase			
Item 4	Pos KM	Neg AP, PSA	Neg Phadebas Amylase			
MTZT37						
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT			
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	NT			
MUGXMP						
Item 3	Pos KM	Pos AP, Micro	NT			
Item 4	Pos KM	Neg AP	NT			
MXZPZD						
Item 3	Pos PTMB	Pos AP, Micro	NT			
Item 4	Pos PTMB	Neg AP	NT			
MYCQH7						
Item 3	Pos KM, Human species testing	Pos AP, PSA, Micro for Sperm	Neg Amylase Radial Diffusion, Micro for nucleated epithelial cells			
Item 4	Pos KM, Human species testing	Neg AP, PSA, Micro for Sperm	Neg Amylase Radial Diffusion, Micro for nucleated epithelial cells			
MZ7EYF						
Item 3	Pos Hemastix, HemaTrace	Pos ALS, BCIP, Micro, PSA	Neg RSID-Saliva			
Item 4	Pos Hemastix, HemaTrace	Neg ALS, BCIP, Micro, PSA	Neg RSID-Saliva			
MZPCEL						
Item 3	Pos PTMB, HemaTrace	Pos AP, Micro	NT	Human DNA, Pos Quantifiler		
Item 4	Pos PTMB, HemaTrace	Neg AP	NT	Human DNA, Pos Quantifiler		
N2ZQRE						
Item 3	Pos KM	Pos AP, Micro	Neg Phadebas			
Item 4	Pos KM	Neg AP, Micro	Neg Phadebas			

TABLE 1

		Fluid ID		
Webcode	Blood	Semen	Saliva	Other
N38PM3				
Item 3	Pos RSID	Pos RSID	Neg RSID	
Item 4	Pos RSID	Neg RSID	Neg RSID	
N4KGG6				
Item 3	Pos TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos TMB, HemDirect	Neg ALS, AP, Micro, PSA	NT	
N4L66B				
Item 3	Pos LMG, HemaTrace	Pos AP, p30	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	
NC8KFR				
Item 3	Pos KM, ABACard	Pos AP, PSA	Neg Phadebas Press	
Item 4	Pos KM, ABACard	Neg AP	Neg Phadebas Press	
NCDP4G				
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT	Neg ALS
Item 4	Pos KM, HemaTrace	Neg AP	NT	Neg ALS
ND8WJT				
Item 3	Pos Phenolphthalein	Pos BCIP, Micro, p30	Neg Phadebas	
Item 4	Pos Phenolphthalein	Neg BCIP	Neg Phadebas	
NEFMB4				
Item 3	Pos TMB	Pos AP, ALS	NT	
Item 4	Pos TMB	Neg AP, ALS	NT	
NEXLLF				
Item 3	Pos KM	Pos AP, Micro	Neg ALS, Phadebas	
Item 4	Pos KM	Neg AP, Micro	Neg ALS, Phadebas	
NFVXD3				
Item 3	Pos LMG	Pos AP, Micro	Neg Phadebas	
Item 4	Pos LMG	Neg AP	NT	
NGPLUC				
Item 3	Pos KM, HemaTrace	Pos AP, PSA, XMAS	Neg Saliva Press Test	Urine, Neg Urease
Item 4	Pos KM, TMB	Neg AP	Neg Phadebas	Urine, Neg Urease
NKPNV8				
Item 3	Pos TMB	Pos ALS, AP, Micro	NT	
Item 4	Pos TMB	Neg ALS, AP	NT	
NMVZY3				
Item 3	Pos Takayama	Pos PSA, Micro	NT	
Item 4	Pos Takayama	Neg PSA, Micro	NT	
NMYAMY				
Item 3	Pos TMB, HemaTrace	Pos AP, Micro	Neg RSID-Saliva	
Item 4	Pos TMB, HemaTrace	Neg AP	NT	

TABLE 1

		Fluid ID				
Webcode	Blood	Semen	Saliva	Other		
NQBPZQ						
Item 3	Pos KM	Pos ALS, AP, Micro	NT			
Item 4	Pos KM	Neg ALS, AP	NT			
NQCRKP						
Item 3	Pos Phenolphthalein, HemaTrace	Pos ALS, AP, PSA, Micro	Neg ALS, SALIgAE	Human Origin, HemaTrace, Quant Pos Duo		
Item 4	Pos Phenolphthalein, HemaTrace	Neg ALS, AP, PSA, Micro	Neg ALS, SALIgAE	Human Origin, HemaTrace, Quant Pos Duo		
NRTLNJ						
Item 3	Pos PTMB	Pos AP, Micro	NT			
Item 4	Pos PTMB	Neg AP	NT			
NT2VH3						
Item 3	Pos Takayama	Pos ALS, PSA, Micro	NT			
Item 4	Pos Takayama	Neg ALS, PSA, Micro	NT			
NTK6HB						
Item 3	Pos KM, RSID-Blood	Pos AP, Micro	Neg Phadebas (Amylase)	Urine, Neg RSID-Urine		
Item 4	Pos KM, RSID-Blood	Neg AP*, Micro, RSID-Semen, p30	Neg Phadebas (Amylase)			
NUVQWX						
Item 3	Pos TMB	Pos ALS, AP, Micro	NT			
Item 4	Pos TMB	Neg ALS, AP	NT			
NWEW49						
Item 3	Pos KM	Pos AP, PSA, Micro, ALS	NT			
Item 4	Pos KM	Neg AP, ALS	NT			
P2BH9H						
Item 3	Pos Hemastix, HemaTrace	Pos AP, Micro, PSA	Neg RSID-Saliva			
Item 4	Pos Hemastix, HemaTrace	Neg AP, Micro, PSA	Neg RSID-Saliva			
P6CMJG						
Item 3	Pos PTMB	Pos AP, Micro	NT			
Item 4	Pos PTMB	Neg AP	NT			
P73XAA						
Item 3	Pos TMB	Pos ALS, AP, Micro	NT			
Item 4	Pos TMB	Neg ALS, AP	NT			
P74CU3						
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas			
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas			
P9W2JP						
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
PD7QVQ				
Item 3	Pos KM; HemaTrace	Pos AP; Seratec; Micro	Neg	RSID
Item 4	Pos KM; HemaTrace	Neg AP; Seratec	Neg	RSID
PDMEZJ				
Item 3	Pos O-tol	Pos AP, Micro		NT
Item 4	Pos O-tol	Neg AP		NT
PEYNW7				
Item 3	Pos PTMB	Pos AP, Micro		NT
Item 4	Pos PTMB	Neg AP		NT
PHRWW7				
Item 3	Pos KM, HemaTrace	NT		NT
Item 4	Pos KM, HemaTrace	NT		NT
PJP7AW				
Item 3	Pos TMB, HemDirect	Pos ALS, AP, Micro, PSA		NT
Item 4	Pos TMB, HemDirect	Neg ALS, AP		NT
PLBUKW				
Item 3	Pos LMG, HemaTrace	Pos AP, Micro, PSA		
Item 4	Pos LMG, HemaTrace	Neg AP		
PNQZHY				
Item 3	Pos KM	Pos AP, Micro		NT
Item 4	Pos KM	Neg AP		NT
PNZ4UX				
Item 3	Pos KM	Pos AP, Micro, PSA		NT
Item 4	Pos KM	Neg AP, Micro, PSA		NT
PQABXQ				
Item 3	Pos Hemastix, ABA HemaTrace Confirmatory	Pos AP, PSA, Micro		NT
Item 4	Pos Hemastix, ABA HemaTrace Confirmatory	Neg AP, PSA, Micro		NT
PQBYKV				
Item 3	Pos KM	Pos AP, Micro		
Item 4	Pos KM	Neg AP		
PR6Z9Y				
Item 3	Pos Takayama	Pos PSA, Micro		NT
Item 4	Pos Takayama	Neg PSA, Micro		NT
PTLRPV				
Item 3	Pos KM	Pos AP, PSA		NT
Item 4	Pos KM	Neg AP		NT
PWDACL				
Item 3	Pos Visual, LMG, HemaTrace	Pos Micro, ALS		NT
Item 4	Pos Visual, LMG, HemaTrace	Neg Micro, PSA, ALS		NT

TABLE 1

		Fluid ID		
Webcode	Blood	Semen	Saliva	Other
PY6PZG				
Item 3	O-tol	Pos AP, Micro, ALS	Neg RSID-Saliva, ALS	
Item 4	Pos O-tol	Neg AP, Micro, ALS	Neg RSID-Saliva, ALS	
PYKK9P				
Item 3	Pos TMB, Hem-Direct	Pos AP, Micro, PSA	NT	
Item 4	Pos TMB, Hem-Direct	Neg AP, Micro, PSA	NT	
PYPTQP				
Item 3	Pos PTMB, HemaTrace	Pos AP, Micro	NT	
Item 4	Pos PTMB, HemaTrace	Neg AP	NT	
PYX482				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP, Micro, PSA	Neg RSID-Saliva	
Q7YLC7				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
Q7YNZP				
Item 3	Pos Hemastix, HemaTrace	Pos AP, PSA, Micro	NT	
Item 4	Pos Hemastix, HemaTrace	Neg AP	NT	
Q89TDD				
Item 3	Pos PTMB	Pos AP, Micro	NT	
Item 4	Pos PTMB	Neg AP	NT	
Q8BDDA				
Item 3	NT	NT	NT	Male DNA, Pos Y-screening
Item 4	NT	NT	NT	Male DNA, Neg Y-screening
Q8TE2W				
Item 3	Pos TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos TMB, HemDirect	Neg ALS, AP	NT	
Q9PTUG				
Item 3	Pos PTMB	Pos AP, Micro	NT	
Item 4	Pos PTMB	Neg AP	NT	
QBXXAQ				
Item 3	Pos KM	Pos ALS, AP, Micro	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
QCBXHY				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP		
QDG2W3				
Item 3	Pos TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos TMB, HemDirect	Neg ALS, AP, Micro, PSA	NT	

TABLE 1

		Fluid ID		
Webcode	Blood	Semen	Saliva	Other
QDK6J8				
Item 3	Pos KM	Pos	AP, Micro	
Item 4	Pos KM	Neg	AP, Micro	
QFP8H4				
Item 3	Pos KM	Pos	AP, Micro	NT
Item 4	Pos KM	Neg	AP	
QGJ3WZ				
Item 3	Pos TMB, HemDirect	Pos	AP, Micro, PSA	NT
Item 4	Pos TMB, HemDirect	Neg	AP, Micro, PSA	NT
QM9TMM				
Item 3	Pos KM	Pos	AP, ALS, Micro	NT
Item 4	Pos KM	Neg	AP	NT
QQKKAN				
Item 3	Pos LMG	Pos	AP, PSA	Neg RSID-Saliva
Item 4	Pos LMG	Neg	AP	Neg RSID-Saliva
QQN64H				
Item 3	Pos PTMB	Pos	AP, Micro	NT
Item 4	Pos PTMB	Neg	AP, Micro	NT
QRJN86				
Item 3	Pos KM, HemaTrace	Pos	AP, Micro	NT
Item 4	Pos KM, HemaTrace	Neg	AP	NT
QT2XFQ				
Item 3	Pos TMB, KM	Pos	AP, PSA, Microscopic	Neg Phadebas
Item 4	Pos TMB, KM	Neg	AP, PSA	Neg Phadebas
QU4NVY				
Item 3	Pos KM	Pos	AP, p30, Micro	Neg AM
Item 4	Pos KM	Neg	AP, p30, Micro	Neg AM
QX29ZJ				
Item 3	Pos KM	Pos	AP	
Item 4	Pos KM	Neg	AP	
QYJD29				
Item 3	Pos KM, HB	Pos	AP, Micro, PSA	NT
Item 4	Pos KM, HB	Neg	AP, Micro, PSA	NT
R272NF				
Item 3	Pos KM	Pos	AP, Micro	Neg RSID
Item 4	Pos KM	Neg	AP, Micro	Neg RSID
R2KX3E				
Item 3	Pos O-tol	Pos	AP, p30, Micro	Neg Amylase Diffusion
Item 4	Pos O-tol	Neg	AP, p30	Neg Amylase Diffusion

TABLE 1

Fluid ID				
Webcode	Blood	Semen	Saliva	Other
R3BKFW				
Item 3	Pos KM, LMG	Pos AP, Micro, PSA	Neg RSID-Saliva	
Item 4	Pos KM, LMG	Neg AP, Micro, PSA	Neg RSID-Saliva	
R3DDBJ				
Item 3	Pos KM	Pos AP, PSA	NT	
Item 4	Pos KM	Neg AP	NT	
R6KZBN				
Item 3	Pos TMB	Pos AP, Micro	Neg Phadebas Paper	
Item 4	Pos TMB	Neg AP	Neg Phadebas Paper	
R7UTPH				
Item 3	Pos KM	Pos ALS, AP, Micro	NT	
Item 4	Pos KM	Neg ALS	NT	
R7XJBK				
Item 3	Pos O-tol, RSID	Pos ALS, AP, PSA, Micro	Neg Amylase	Human RSID-Blood
Item 4	Pos O-tol, RSID	Neg ALS, AP, PSA	Neg Amylase	Human RSID-Blood
R9H3YJ				
Item 3	Pos HS, HT	Pos AP, PSA, Micro	Neg RSID	
Item 4	Pos HS, HT	Neg AP, PSA, Micro	Neg RSID	
RADWBT				
Item 3	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	
RAKLAZ				
Item 3	Pos KM	Pos ALS, AP, PSA, Micro	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
RC27LU				
Item 3	Pos KM	Pos AP, Micro, PSA	Neg Amylase (RSID)	
Item 4	Pos KM	Neg AP, Micro, PSA	Neg Amylase (RSID)	
RERP88				
Item 3	Pos KM	Pos AP, Micro		
Item 4	Pos KM	Neg AP, Micro		
REW4F				
Item 3	Pos KM	Pos ALS, AP, Micro, PSA	NT	Human Origin, HemaTrace Pos
Item 4	Pos KM	Pos ALS, AP, Micro, PSA	NT	Human Origin, HemaTrace Pos
RJ9ELX				
Item 3	Pos KM	Pos AP, Micro		
Item 4	Pos KM			
RLM96B				
Item 3	Pos KM	Pos ALS, AP, PSA, Micro	NT	
Item 4	Pos KM	Neg ALS, AP, PSA, Micro	NT	

TABLE 1

Fluid ID				
Webcode	Blood	Semen	Saliva	Other
RM394C				
Item 3	Pos KM, HemaTrace	Pos AP, PSA	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, PSA	Neg Phadebas	
RNHWFJ				
Item 3	Pos KM	Pos AP, Micro	Neg RSID	
Item 4	Pos KM	Neg AP	Neg RSID	
RNVMBV				
Item 3	Pos KM	Pos AP, Micro, PSA	Neg RSID-Saliva	
Item 4	Pos KM	Neg AP, Micro, PSA	Neg RSID-Saliva	
RPQHDD				
Item 3	Pos O-tol	Pos AP, Micro	Neg RSID-Saliva	
Item 4	Pos O-tol	Neg AP, Micro	Neg RSID-Saliva	
RRDT24				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
RUZEPK				
Item 3	Pos LMG	Pos AP, PSA	Neg RSID-Saliva	
Item 4	Pos LMG	Neg AP	Neg RSID-Saliva	
RVCW3Y				
Item 3	Pos ALS	Pos ALS	Neg ALS	
Item 4	Pos ALS	Neg ALS	Neg ALS	
RVY7B8				
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT	
Item 4	Pos KM, HemaTrace	Neg AP	NT	
RWBYUN				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP, Micro	NT	
RXJJCW				
Item 3	Pos KM	Pos AP, Micro	Neg RSID (Amylase)	
Item 4	Pos KM	Neg AP, p30, Micro	Neg RSID (Amylase)	
RYVRK3				
Item 3	Pos KM, HemaTrace	Pos AP, PSA	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, PSA	Neg Phadebas	
RZN444				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
T2JGNF				
Item 3	Pos KM, ABACard	Pos AP, PSA	Neg Phadebas Press	
Item 4	Pos KM, ABACard	Neg AP	Neg Phadebas Press	

TABLE 1

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
T3BJ9A					
Item 3	Pos KM, HemaTrace	Pos AP, PSA	Neg Phadebus[sic]		
Item 4	Pos KM, HemaTrace	Neg AP, PSA	Neg Phadebus[sic]		
T42DLY					
Item 3	Pos O-tol, KM	Pos AP, PSA, Micro	Neg SALLgAE	Human Blood, Hexagon OBTI Pos	
Item 4	Pos O-tol, KM	Neg AP, PSA, Micro	Neg SALLgAE	Human Blood, Hexagon OBTI Pos	
T4RYW7					
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT		
Item 4	Pos KM, HemaTrace	Neg AP	NT		
T7R4GE					
Item 3	Pos KM	Pos AP, Micro	NT		
Item 4	Pos KM	Neg AP	NT		
T8N6HG					
Item 3	Pos O-tol	Pos AP, Micro	NT		
Item 4	Pos O-tol	Neg AP	NT		
TATAX6					
Item 3	Pos TMB	Pos AP, Micro	NT		
Item 4	Pos TMB	Neg AP, Micro	NT		
TAX6MN					
Item 3	Pos TMB, KM	Pos AP, PSA, Micro	Neg Phadebas		
Item 4	Pos TMB, KM	Neg AP, PSA	Neg Phadebas		
TB6YAU					
Item 3	Pos KM	Pos ALS, AP, Micro	NT		
Item 4	Pos KM	Neg ALS, AP	NT		
TBKAVF					
Item 3	Pos KM	Pos AP			
Item 4	Pos KM	Neg AP			
TC3A3C					
Item 3	Pos PTMB	Pos AP, Micro	NT		
Item 4	Pos PTMB	Neg AP	NT		
TER7KW					
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas		
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas		
TJ2PWQ					
Item 3	Pos PTMB	Pos ALS, AP, Micro	NT		
Item 4	Pos PTMB	Neg ALS, AP	NT		
TJKPPU					
Item 3	Pos TMB	Pos ALS, AP, Micro	NT		
Item 4	Pos TMB	Neg ALS, AP	NT		

TABLE 1

		Fluid ID				
Webcode	Blood	Semen	Saliva	Other		
TJUUXC						
Item 3	Pos KM	Pos AP, Micro	NT			
Item 4	Pos KM	Neg AP	NT			
TJWJ7F						
Item 3	Pos KM	Pos AP, PSA, Micro	NT			
Item 4	Pos KM	Neg AP	NT			
TKCQL7						
Item 3	Pos Hstix	Pos Brentamine	NT			
Item 4	Pos Hstix	Neg Brentamine	NT			
TKWDDZ						
Item 3	Pos KM, HemaTrace	Pos AP, Micro, PSA, ALS	NT			
Item 4	Pos KM, HemaTrace	Neg AP, Micro, PSA, ALS	NT			
TL36UF						
Item 3	Pos KM	Pos AP, Micro	NT			
Item 4	Pos KM	Neg AP	NT			
TL7GRK						
Item 3	Pos LMG, HemaTrace	Pos AP, PSA, Micro	NT			
Item 4	Pos LMG, HemaTrace	Neg AP	NT			
TLKZE3						
Item 3	Pos Hstix	Pos Brentamine	NT			
Item 4	Pos Hstix	Neg Brentamine	NT			
TMFNTR						
Item 3	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT			
Item 4	Pos LMG, HemaTrace	Neg AP	NT			
TMYK6R						
Item 3	Pos TMB	Pos AP, Micro	NT			
Item 4	Pos TMB	Neg AP	NT			
TN9FWB						
Item 3	Pos KM, HemaTrace, Hemastix	Pos AP, PSA, p30, Micro	Neg RSID	Flourescence[sic], ALS Neg		
Item 4	Pos KM, HemaTrace, Hemastix	Neg AP	Neg RSID	Flourescence[sic], ALS Neg		
TQLDJL						
Item 3	Pos TMB, HemaTrace	Pos AP, Micro	NT			
Item 4	Pos TMB, HemaTrace	Neg AP				
TQMBUH						
Item 3	Pos KM	Pos AP, Micro	Neg Phadebas	Human Origin, Quantifiler Human Pos		
Item 4	Pos KM	Neg AP	Neg Phadebas	Human Origin, Quantifiler Human Pos		

TABLE 1

Fluid ID				
Webcode	Blood	Semen	Saliva	Other
TRU6GN				
Item 3	Pos KM	Pos AP, ALS, Micro	NT	
Item 4	Pos KM	Neg AP, ALS	NT	
TUJEP4				
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg RSID-Saliva	
Item 4	Pos KM, HemaTrace	Neg AP, PSA	Neg RSID-Saliva	
TXLCZW				
Item 3	Pos KM & HemaTrace test	Pos AP & Microscopic	Neg RSID-Saliva	
Item 4	Pos KM & HemaTrace test	Neg AP & Microscopic	Neg RSID-Saliva	RSID Semen
TYBHH9				
Item 3	Pos KM	Pos AP, Micro, PSA	Neg Phadebas, RSID	
Item 4	Pos KM, HemaTrace	Neg AP	Neg Phadebas	
TZ4PKK				
Item 3	Pos KM, HemaTrace	Pos AP, Seratec, Micro	Neg RSID	
Item 4	Pos KM, HemaTrace	Neg AP, Seratec	Neg RSID	
TZH6MZ				
Item 3	Pos TMB	Pos ALS, AP	NT	
Item 4	Pos TMB	Neg ALS, AP	NT	
U4W4FK				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
U4X2NV				
Item 3	Pos KM	Pos PSA, Micro	NT	
Item 4	Pos KM	Neg PSA	NT	
U6QUJE				
Item 3	Pos KM	Pos AP	NT	Microscopic, Neg Micro
Item 4	Pos KM	Neg AP	NT	
U6YDK6				
Item 3	Pos KM, HemaTrace	Pos AP, Micro, PSA	NT	
Item 4	Pos KM, HemaTrace	Neg AP	NT	
U7MBVB				
Item 3	Pos KM, HemaTrace	Pos Micro, p30	NT	
Item 4	Pos KM, HemaTrace	Neg Micro, p30	NT	
U8G22P				
Item 3	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	
U8MLV7				
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		
U92GTE						
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		
U9DTDG						
Item 3	Pos O-tol	Pos AP, Micro, PSA, ALS	Neg ALS, Amylase			
Item 4	Pos O-tol	Neg ALS, AP	NT			
UA7B44						
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro				
Item 4	Pos KM, HemaTrace	Neg AP				
UCFB9B						
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		
UCVKD6						
Item 3	Pos PTMB	Pos ALS, AP, Micro	NT			
Item 4	Pos PTMB	Neg ALS, AP	NT			
UGMZDC						
Item 3	Pos O-tol, HemDirect	Pos AP, Micro, PSA	Neg Amylase Diffusion			
Item 4	Pos O-tol, HemDirect	Neg AP, Micro, PSA	Neg Amylase Diffusion			
UGR9UC						
Item 3	Pos PTMB	Pos AP, Micro	NT			
Item 4	Pos PTMB	Neg AP	NT			
UL7CU9						
Item 3	Pos KM	Pos AP, Micro	NT			
Item 4	Pos KM	Neg Negative AP	NT			
ULJHZ6						
Item 3	Pos KM	Pos AP, Micro	NT			
Item 4	Pos KM	Neg AP, Micro	NT			
UQBMT9						
Item 3	Pos Hemastix, HemaTrace	Pos PSA, Micro	NT			
Item 4	Pos Hemastix, HemaTrace	Neg PSA, Micro	NT			
UQE8M4						
Item 3	Pos KM, HemaTrace	Pos AP, Micro	NT			
Item 4	Pos KM, HemaTrace	Neg AP	NT			
UQF8GC						
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	Fluorescence, Pos ALS		
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	Fluorescence, ALS Neg		

TABLE 1

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
UQFXV8					
Item 3	Pos KM	Pos Micro, PSA	Neg Phadebus[sic]		
Item 4	Pos KM	Neg Micro, PSA	Neg Phadebus[sic]		
UQYWT6					
Item 3	Pos KM	Pos AP, Micro	NT		
Item 4	Pos KM	Neg AP	NT		
UTDUP7					
Item 3	Pos KM, HemaTrace	Pos (AP) Brentamine, PSA, Microscopy	Neg RSID	Y-Screen, Pos Plexor HY	
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Microscopy	Neg RSID	Y-Screen, Neg Plexor HY	
UTXB3N					
Item 3	Pos LMG	Pos AP, Micro	NT		
Item 4	Pos LMG	Neg AP, Micro, PSA	Neg Amylase-RSID-Saliva		
UXCVGN					
Item 3	Pos KM	Pos AP, p30, Micro	Neg Radial Diffusion		
Item 4	Pos KM	Neg AP	Neg Radial Diffusion		
UZZDBU					
Item 3	Pos TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT		
Item 4	Pos TMB, HemDirect	Neg ALS, AP	NT		
V3PVPDF					
Item 3	Pos KM	Pos AP, Micro	NT		
Item 4	Pos KM	Neg AP, Micro	NT		
V6PEQE					
Item 3	Pos TMB	Pos AP, Micro	NT		
Item 4	Pos TMB	Neg AP, PSA, Micro	NT		
V77E7W					
Item 3	Pos KM	Pos Micro		Seminal fluid, AP Neg	
Item 4	Pos KM	Neg AP, Micro			
V7JA7V					
Item 3	Pos KM	Pos AP, Micro, PSA	Neg RSID		
Item 4	Pos KM	Neg AP, Micro, PSA	Neg RSID		
VCT8AA					
Item 3	Pos KM	Pos AP, Micro, p30	Neg RSID		
Item 4	Pos KM	Neg AP	Neg RSID		
VCTAYE					
Item 3	Pos KM	Pos AP, Micro	NT		
Item 4	Pos KM	Neg AP	NT		
VDMZZM					
Item 3	Pos KM	Pos AP, Micro, PSA, ALS	NT		
Item 4	Pos KM	Neg AP, Micro, PSA, ALS	NT		

TABLE 1

		Fluid ID		
Webcode	Blood	Semen	Saliva	Other
VFCBVL				
Item 3	Pos TMB, HemDirect	Pos AP, SS, PSA	NT	
Item 4	Pos TMB, HemDirect	Neg AP	NT	
VG8PP7				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP, Micro	NT	
VHGWRV				
Item 3	Pos KM	Pos ALS, AP, Micro	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
VJ834H				
Item 3	Pos LMG, HemaTrace	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos LMG, HemaTrace	Neg ALS, AP, Micro, PSA	NT	
VJ9LYD				
Item 3	Pos O-tol	Pos AP, Micro	NT	
Item 4	Pos O-tol	Neg AP	NT	
VLJTDM				
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Radial Diffusion	
Item 4	Pos KM, HemaTrace	Neg AP	Neg Radial Diffusion	
VM92K3				
Item 3	Pos LMG, HemaTrace	Pos AP, p30, Micro	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	
VMQ8QU				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP, Micro, PSA	NT	
VR32XC				
Item 3	Pos PTMB	Pos AP, Micro, ALS		
Item 4	Pos PTMB	Neg AP	NT	
VRMN9F				
Item 3	Pos TMB	Pos AP, Micro, PSA	NT	
Item 4	Pos TMB	Neg AP, Micro, PSA	NT	
VW36QK				
Item 3	Pos KM	Pos ALS, AP, Micro	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
VW7JQJ				
Item 3	Pos KM, HemaTrace	Pos AP, Micro, PSA	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
VWQDWH				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	

TABLE 1

		Fluid ID		
Webcode	Blood	Semen	Saliva	Other
VWEXE8				
Item 3	Pos KM	Pos	ALS, AP, p30, Micro	NT
Item 4	Pos KM	Neg	ALS, AP, p30, Micro	NT
VZJ37F				
Item 3	Pos KM	Pos	ALS, AP, Micro	NT
Item 4	Pos KM	Neg	ALS, AP	NT
W3KZ8E				
Item 3	Pos KM	Pos	AP, Micro	NT
Item 4	Pos KM	Neg	AP	NT
W3XFCF				
Item 3	Pos Visual, LMG. HemaTrace	Pos	ALS, Micro	NT
Item 4	Pos Visual, LMG. HemaTrace	Neg	ALS, Micro, PSA	NT
W8QK3Y				
Item 3	Pos KM, HemaTrace	NT		NT
Item 4	Pos KM, HemaTrace	NT		NT
W8UFCW				
Item 3	Pos KM	Pos	AP, Micro	NT
Item 4	Pos KM	Neg	AP	NT
W99CTF				
Item 3	Pos LMG	Pos	ALS, AP, Micro	NT
Item 4	Pos LMG	Neg	ALS, AP	NT
WAZUTB				
Item 3	Pos O-tol, HemDirect	Pos	AP, PSA, Micro	Neg Amylase, Amy 1/2
Item 4	Pos O-tol, HemDirect	Neg	AP, Micro	Neg Amylase, Amy 1/2
WBUHAK				
Item 3	Pos KM, LMG, HemaTrace	Pos	AP, Micro	Neg Amylase-RSID-Saliva
Item 4	Pos KM, LMG, HemaTrace	Neg	AP, Micro, PSA	Neg Amylase-RSID-Saliva
WDJTHQ				
Item 3	Pos KM, Modified Takayama	Pos	AP, Micro	Neg RSID Human Origin, Ouchterlony Pos
Item 4	Pos KM, Modified Takayama	NT	NT	Human Origin, Ouchterlony Pos
WDX9GZ				
Item 3	Pos KM, HemaTrace (ABACard)	Pos	ALS, AP, Micro	NT
Item 4	Pos KM, HemaTrace ABACard	Neg	ALS, AP, Micro	NT
WG2Q93				
Item 3	Pos KM	Pos	BCIP, PSA, Micro	Neg Phadebas
Item 4	Pos KM	Neg	BCIP	NT
WGJCQX				
Item 3	Pos TMB, Hema	Pos	p30, Micro	Neg Amylase
Item 4	Pos TMB, Hema	Neg	p30, Micro	Neg Amylase

TABLE 1

		Fluid ID		
Webcode	Blood	Semen	Saliva	Other
WJKZNT				
Item 3	Pos LMG	Pos AP, Micro, PSA	Neg RSID	
Item 4	Pos LMG	Neg AP, Micro, PSA	Neg RSID	
WKHBW4				
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT	
Item 4	Pos KM, HemaTrace	Neg AP	NT	
WKVX2B				
Item 3	Pos Immunochromatography	Pos Micro	NT	
Item 4	NT	Pos Micro	NT	
WLUZC9				
Item 3	Pos PTMB	Pos AP, Micro	NT	
Item 4	Pos PTMB	Neg AP	NT	
WLVPHR				
Item 3	Pos KM	Pos ALS, AP, Micro	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
WMNBXG				
Item 3	Pos LMG	Pos AP, Micro	NT	
Item 4	Pos LMG	Neg AP	NT	
WPAJ4Q				
Item 3	Pos LMG	Pos SM	NT	
Item 4	Pos LMG	Neg SM	NT	
WPWXHV				
Item 3	Pos KM	Pos AP, Micro for Sperm, p30 immunoassay	Neg Radial Diffusion, Micro for nucleated epithelial cells	Species (Human), Ouchterlony Pos
Item 4	Pos KM	Neg AP, Micro for Sperm, p30 immunoassay	Neg Radial Diffusion, Micro for nucleated epithelial cells	Species (Human), Ouchterlony Pos
WR4B7N				
Item 3	Pos KM	Pos ALS, AP, Micro	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
WTBMVD				
Item 3	Pos KM	Pos AP		
Item 4	Pos KM	Neg AP		
WTRT2U				
Item 3	Pos TMB, HemDirect	Pos AP, Micro, PSA	NT	
Item 4	Pos TMB, HemDirect	Neg AP, Micro, PSA	NT	
WV2WXR				
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	
WYJZLN					
Item 3	Pos TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT		
Item 4	Pos TMB, HemDirect	Neg ALS, AP	NT		
WZT72X					
Item 3	Pos KM, Hexagon OBTI (HO)	Pos AP, RSID, PSA	NT		
Item 4	Pos KM, HO	Neg AP	NT		
X2KETE					
Item 3	Pos KM	Pos AP, Micro	NT		
Item 4	Pos KM	Neg AP, Micro	NT		
X2NYM9					
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	
X3XE2M					
Item 3	Pos TMB	Pos AP, Micro, PSA	Neg Amylase Diffusion		
Item 4	Pos TMB, HemaTrace	Neg AP, Micro, PSA	Neg Amylase Diffusion		
X4UWYH					
Item 3	Pos KM	Pos ALS, AP, Micro	NT		
Item 4	Pos KM	Neg ALS, AP	NT		
X7CNY7					
Item 3	Pos KM	Pos AP, Micro, PSA	NT		
Item 4	Pos KM	Neg AP	NT		
X7H7B4					
Item 3	Pos KM	Pos AP, Micro	NT		
Item 4	Pos KM	Neg AP, Micro, RSID-Semen, p30	NT		
X87JD2					
Item 3	Pos ALS, TMB	Pos ALS, AP, Micro	NT		
Item 4	Pos ALS, TMB	Neg ALS, AP	NT		
X8Q3GN					
Item 3	Pos KM, HemaTrace	NT	NT		
Item 4	Pos KM, HemaTrace	NT	NT		
X92X98					
Item 3	Pos PTMB	Pos AP, Micro	NT		
Item 4	Pos PTMB	Neg AP	NT		
XAXZQ2					
Item 3	Pos KM, RSID-Blood	Pos AP, Micro	Neg Phadebas (Amylase)	Urine, Neg RSID-urine	
Item 4	Pos KM, RSID-Blood	Neg AP*, Micro, RSID-Semen, p30	Neg Phadebas (Amylase)		

TABLE 1

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
XC3YBP					
Item 3	Pos KM	Pos ALS, AP, Micro	NT		
Item 4	Pos KM	Neg ALS, AP	NT		
XCLA3N					
Item 3	Pos KM, HT	Pos AP, Micro	Neg Amy		
Item 4	Pos KM, HT	Neg AP, Micro, PSA	Neg Amy		
XCMW9M					
Item 3	Pos Phenol, Takayama	Pos AP, Micro	NT	Human Origin, Ouchterlony Pos	
Item 4	Pos Phenol, Takayama	Neg AP	NT	Human Origin, Ouchterlony Pos	
XDGKNX					
Item 3	Pos KM, RSID Blood	Pos ALS, AP, Micro	Neg ALS, RSID-Saliva		
Item 4	Pos KM, RSID Blood	Neg ALS, AP, Micro	Neg ALS, RSID-Saliva		
XHQPCQ					
Item 3	Pos TMB, HemDirect	Pos ALS, AP, SS, PSA	NT		
Item 4	Pos TMB, HemDirect	Neg ALS, AP	NT		
XJ3FP2					
Item 3	Pos Phenolphthalein	Pos BCIP, p30, Micro	Neg Phadebas		
Item 4	Pos Phenolphthalein	Neg BCIP	NT		
XJL44P					
Item 3	Pos Visual, O-tol, HemaTrace	Pos ALS, AP, PSA, Microscopic	Neg Amylase		
Item 4	Pos Visual, O-tol, HemaTrace	Neg ALS, AP, PSA, Microscopic	Neg Amylase		
XJMYTM					
Item 3	Pos KM	Pos ALS, AP, Micro	NT		
Item 4	Pos KM	Neg ALS, AP	NT		
XMLYZC					
Item 3	Pos KM	Pos ALS, FBB, Micro	NT		
Item 4	Pos KM	Neg ALS, FBB	NT		
XNZUFC					
Item 3	Pos PTMB, HemaTrace	Pos AP, Micro	NT	Human DNA, Pos Quantifiler	
Item 4	Pos PTMB, HemaTrace	Neg AP	NT	Human DNA, Pos Quantifiler	
XQ7898					
Item 3	Pos Hemastix, HemaTrace	Pos PSA, Micro	Neg RSID		
Item 4	Pos Hemastix, HemaTrace	Neg PSA, Micro	Neg RSID		
XQ7F3C					
Item 3	Pos PTMB, HemaTrace	Pos AP, Micro	NT	Human, Pos Quantifiler	
Item 4	Pos PTMB, HemaTrace	Neg AP	NT	Human, Pos Quantifiler	

TABLE 1

Fluid ID				
Webcode	Blood	Semen	Saliva	Other
XRLJYP				
Item 3	Pos KM, HemaTrace	Pos AP, Seratec, Micro	Neg RSID	
Item 4	Pos KM, HemaTrace	Neg AP, Seratec	Neg RSID	
XRXFZN				
Item 3	Pos KM	Pos ALS, AP, Micro	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
XTPLC8				
Item 3	Pos KM	Pos AP, PSA, Micro	Neg Phadebas	Fluorescence, Pos ALS
Item 4	Pos KM	Neg AP	Neg Phadebas	Fluorescence, ALS Neg
XUK2P6				
Item 3	Pos Hemastix, HemaTrace	Pos Micro, PSA	NT	
Item 4	Pos Hemastix, HemaTrace	Neg Micro, PSA	NT	
XVAE62				
Item 3	Pos HemaTrace	Pos p30, Sg, Micro	Neg a Amylase	
Item 4	Pos HemaTrace	Neg p30	Neg a Amylase	
XZB2XB				
Item 3	Pos O-tol	Pos AP, Micro	NT	
Item 4	Pos O-tol	Neg AP	NT	
Y2HEJJ				
Item 3	Pos Phenolphthalein, HemaTrace	Pos BCIP, p30, Microscopic	Neg Phadebas	
Item 4	Pos Phenolphthalein, HemaTrace	Neg BCIP, p30, Microscopic	Neg Phadebas	
Y2JYXT				
Item 3	Pos KM	Pos AP, PSA, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
Y3PHPA				
Item 3	Pos KM, HemaTrace	Pos AP, Micro	NT	
Item 4	Pos KM, HemaTrace	Neg AP	NT	
Y3X7JA				
Item 3	Pos Hemastix	Pos AP, PSA, Micro	Neg RSID-Saliva	
Item 4	Pos Hemastix	Neg AP	Neg RSID-Saliva	
Y4LX27				
Item 3	Pos KM	Pos AP, Micro	NT	Human Origin, HemaTrace Pos
Item 4	Pos KM	Neg AP, Micro	NT	Human Origin, HemaTrace Pos
Y4NY8J				
Item 3	Pos KM	Pos ALS, AP, Micro	Neg Phadebas	Human DNA, Pos QuantDuo
Item 4	Pos KM	Neg ALS, AP, Micro	Neg Phadebas	Human DNA, Pos QuantDuo

TABLE 1

Fluid ID					
Webcode	Blood	Semen	Saliva	Other	
Y63RD2					
Item 3	Pos KM	Pos ALS, AP, Micro	NT		
Item 4	Pos KM	Neg ALS, AP	NT		
Y7UKVJ					
Item 3	Pos KM	Pos BCIP, PSA, Micro	Neg Phadebas		
Item 4	Pos KM	Neg BCIP	Neg Phadebas		
Y928NB					
Item 3	Pos PTMB, HemaTrace	Pos AP, Micro	NT		
Item 4	Pos PTMB, HemaTrace	Neg AP	NT		
YAAFH3					
Item 3	NT	Pos ALS, Micro	Neg ALS, Rapid Stain Identification Saliva		
Item 4	NT	Neg ALS, Micro, PSA	Neg ALS, Rapid Stain Identification-Saliva		
YAQNRQ					
Item 3	Pos KM	Pos AP, Micro	NT		
Item 4	Pos KM	Neg AP, Micro	NT		
YBKB7F					
Item 3	Pos LMG	Pos AP, PSA	Neg RSID-Saliva		
Item 4	Pos LMG	Neg AP	Neg RSID-Saliva		
YBMPNM					
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT		
Item 4	Pos KM, HemaTrace	Neg AP	NT		
YCF2AA					
Item 3	Pos TMB	Pos AP, Micro	NT		
Item 4	Pos TMB	Neg AP, PSA, Micro	NT		
YCFUA3					
Item 3	Pos O-tol	Pos AP	NT		
Item 4	Pos O-tol	Neg AP	Neg RSID		
YDFDDA					
Item 3	Pos KM, ABACard HemaTrace	Pos AP, PSA	Neg Phadebas		
Item 4	Pos KM, ABACard HemaTrace	Neg AP	Neg Phadebas		
YE68QZ					
Item 3	NT	Pos PSA	Neg RSID-Saliva	Male DNA, Pos Y-Screening	
Item 4	NT	NT	NT	Male DNA, Neg Y-Screening	
YE8GX6					
Item 3	Pos KM, HemaTrace	Pos AP, PSA (Sema)	Neg Phadebas		
Item 4	Pos KM, HemaTrace	Neg AP, PSA (Sema)	Neg Phadebas		
YEMAMZ					
Item 3	Pos KM, HemaTrace	Pos ALS, AP, Micro, PSA	Neg ALS, Phadebas		
Item 4	Pos KM, HemaTrace	Neg ALS, AP, Micro, PSA	Neg ALS, Phadebas		

TABLE 1

		Fluid ID		
Webcode	Blood	Semen	Saliva	Other
YFZW29				
Item 3	Pos Hemastix	Pos AP, Micro	Pos RSID-Saliva	
Item 4	Pos Hemastix	Neg AP	Pos RSID-Saliva	
YH8Y6R				
Item 3	Pos KM	Pos AP, Micro	Neg Radial Diffusion	
Item 4	Pos KM	Neg AP, Micro	Neg Radial Diffusion	
YHJZMK				
Item 3	Pos KM	Pos AP	NT	
Item 4	Pos KM	Neg AP	NT	
YJKQZU				
Item 3	Pos KM	Pos ALS, AP, Micro	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
YJY3UT				
Item 3	Pos TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos TMB, HemDirect	Neg ALS, AP, Micro, PSA	NT	
YLNQUY				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP, Micro	NT	
YMEUHZ				
Item 3	Pos TMB	Pos AP, Micro	NT	
Item 4	Pos TMB	Neg AP	NT	
YRCZQC				
Item 3	Pos PTMB, HemaTrace	Pos AP, Micro	NT	
Item 4	Pos PTMB, HemaTrace	Neg AP	NT	
YT4A88				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP, Micro	NT	
YUUFMX				
Item 3	Pos KM, HemaTrace	Pos AP, Micro	NT	
Item 4	Pos KM, HemaTrace	Neg AP, Micro	NT	
YXHTK9				
Item 3	Pos KM	Pos ALS, AP, Micro, PSA	NT	Human Origin, HemaTrace Pos
Item 4	Pos KM	Pos ALS, AP, Micro, PSA	NT	Human Origin, HemaTrace Pos
YXY2JB				
Item 3	Pos KM	Pos ALS, AP, Micro	NT	
Item 4	Pos KM	Neg ALS	NT	
YZMBTC				
Item 3	Pos KM	Pos AP, Micro	Neg RSID-Saliva	
Item 4	Pos KM	Neg AP, Micro	Neg RSID-Saliva	

TABLE 1

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
Z2C4YE					
Item 3	Pos KM	Pos AP, Micro	NT		
Item 4	Pos KM	Neg AP	NT		
Z2V32J					
Item 3	Pos LMG, HemaTrace	Pos AP, PSA, Micro	NT		
Item 4	Pos LMG, HemaTrace	Neg AP, PSA, Micro	NT		
Z4KDVH					
Item 3	Pos TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT		
Item 4	Pos TMB, HemDirect	Neg ALS, AP	NT		
Z6FRP3					
Item 3	Pos KM	Pos AP, Micro	NT		
Item 4	Pos KM	Neg AP	NT		
Z84W9E					
Item 3	Pos LMG	Pos AP, Micro	NT		
Item 4	Pos LMG	Neg AP	NT		
Z93URM					
Item 3	Pos TMB, HemaTrace	Pos AP, PSA, H&E stained slide	Neg RSID-Saliva		
Item 4	Pos TMB, HemaTrace	Neg AP, PSA	Neg RSID-Saliva		
Z9XFC2					
Item 3	Pos KM	Pos 1+ Sperm (AP, Micro)			
Item 4	Pos KM	Neg negative (-) Semen (AP*, Micro, RSID-Semen, p30)			
Z9ZW6C					
Item 3	Pos PTMB, HemaTrace	Pos AP, Micro	NT		
Item 4	Pos PTMB, HemaTrace	Neg AP	NT		
ZAAAZE					
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	
ZAP7DT					
Item 3	Pos LMG	Pos AP, PSA, Micro	Neg Phadebas		
Item 4	Pos LMG	Neg AP, PSA	Neg Phadebas		
ZCJPGF					
Item 3	Pos PTMB, HemaTrace	Pos AP, Micro	NT		
Item 4	Pos PTMB, HemaTrace	Neg AP	NT		
ZD282J					
Item 3	Pos LMG, HemaTrace	Pos AP, PSA	NT		
Item 4	Pos LMG, HemaTrace	Neg AP	NT		

TABLE 1

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
ZE2LUP					
Item 3	Pos KM, HemaTrace	Pos AP, Micro, PSA	Neg Phadebas		
Item 4	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas		
ZFCVTW					
Item 3	Pos KM, HemaTrace	Pos AP, Micro	NT		
Item 4	Pos KM, HemaTrace	Neg AP	NT		
ZGEJG2					
Item 3	Pos KM	Pos ALS, AP, Micro	NT		
Item 4	Pos KM	Neg ALS	NT		
ZMBE4E					
Item 3	Pos LMG, HemaTrace	Pos AP, PSA, Micro	NT		
Item 4	Pos LMG, HemaTrace	Neg AP	NT		
ZMBMXJ					
Item 3	Pos KM	Pos AP, Micro	Neg Amylase Radial Diffusion, Micro		
Item 4	Pos KM	Neg AP, Micro	Neg Amylase Radial Diffusion, Micro		
ZMJRTG					
Item 3	Pos KM	Pos ALS, AP, Micro	Neg ALS, Phadebas	Human DNA, Pos Quantifiler Duo	
Item 4	Pos KM	Neg ALS, AP, Micro	Neg ALS, Phadebas	Human DNA, Pos Quantifiler Duo	
ZMVY3J					
Item 3	Pos KM	Pos ALS, AP, Micro	NT		
Item 4	Pos KM	Neg ALS, AP	NT		
ZPCJCT					
Item 3	Pos KM, O-tol, Hexagon OBTI	Pos AP, PSA, Micro	Neg SALLgAE		
Item 4	Pos KM, O-tol, Hexagon OBTI	Neg AP, PSA, Micro	Neg SALLgAE		
ZQV3G6					
Item 3	Pos KM	Pos AP, Micro, ABACard p30	Neg Amylase Radial Diffusion		
Item 4	Pos KM	Neg AP, Micro, ABACard p30	Neg Amylase Radial Diffusion		
ZUWHYN					
Item 3	Pos Hemastix, ABA/HemaTrace	Pos AP, PSA, Micro	NT		
Item 4	Pos Hemastix, ABA/HemaTrace	Neg AP	NT		
ZV8FC6					
Item 3	Pos Hemastix	Pos AP, Micro, PSA	Neg RSID		
Item 4	Pos Hemastix	Neg AP	Neg RSID		
ZYPJXG					
Item 3	Pos TMB, HemDirect	Pos ALS, AP, SS, PSA	NT		
Item 4	Pos TMB, HemDirect	Neg ALS, AP	NT		

TABLE 1

		Fluid ID		
Webcode	Blood	Semen	Saliva	Other
ZYURFG				
Item 3	Pos PTMB, HemaTrace	Pos AP, Micro	NT	
Item 4	Pos PTMB, HemaTrace	Neg AP	NT	
ZZKXR2				
Item 3	Pos KM	Pos AP, Micro, PSA	Neg RSID	
Item 4	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg RSID	

Table 1 Response Summary Item 3 Participants: 761

ITEM 3:	Blood	Semen	Saliva
Positive	750	743	1
Negative	0	0	246
Inconclusive	0	2	0
Not Tested (NT)	9	15	476
Not Reported	2	1	38

Table 1 Response Summary Item 4 Participants: 761

ITEM 4:	Blood	Semen	Saliva
Positive	750	4	2
Negative	0	731	245
Inconclusive	0	5	0
Not Tested (NT)	10	19	471
Not Reported	1	2	43

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

229JQM	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
23PFEF	Identifiler® DIRECT						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
24JW GK	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
27MK2F	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
28FKXR	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
2B3W24	PowerPlex® 16 HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
2CAXT9	COfiler® and Profiler Plus®						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16

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

2CB3JX	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
2CNRBP	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
2EYTEB	PowerPlex® 16 HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
2H48C3	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
2JTFHW	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
2L2QCF	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
2LBTPD	Identifiler® , PowerPlex® Fusion						
	1	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
2LVMDU	Identifiler® Direct						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18

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

2NK2UR	PowerPlex® 16 HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X,X	10,11	20,20
2NLHJC	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
2PFBDA	Identifiler® Identifiler Plus						
	1	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
		14,15	29,30.2	-	X,X	10,11	20,20
2QAA28	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
2RNMWW	PowerPlex® 16 HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
2TEVY	PowerPlex® Fusion						
	1	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X	10,11	20
2UDUE8	PowerPlex® 16						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X,X	10,11	20
2V88R6	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	

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

2VJNNC	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
2XP43V	Identifiler® Plus						
	1	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
2YAY6C	Identifiler® DIRECT						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
2ZFX9C	PowerPlex® 16 HS						
	1		29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
327JDN	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
329ALQ	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
32PXR6	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
34UTNA	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18

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

3FAHAD	Identifiler® Direct						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
3HT7GQ	Identifiler® Plus						
	1	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
3J4YEY	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
3J6U3C	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
3K48WC	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
3LAEZJ	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
3LC9FJ	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
3LELBT	PowerPlex® 16 HS						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		29,30.2			X	10,11	20
	9,12	12,13			7,8	8,11	16

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

3N3D6A	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
3NZLYM	PowerPlex® 16 HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
	9,12	12,13		7,8	8,11	16	
3QADJP	PowerPlex® 16 HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X,X	10,11	20
	9,12	12,13		7,8	8,11	16	
3QKJD6	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
3RF3HR	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
3U4NZG	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
3U6FXP	PowerPlex® Fusion Direct						
	1	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X	10,11	20
	9,12	12,13		7,8	8,11	16	
3V4XHK	PowerPlex® 21						
	1	15,17.3	22,23		15,18	11,13	10,11
		10,13		18,18	11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
	9,12	12,13		7,8	8,11	16,16	

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

3WBYY7	PowerPlex® 16						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
3WTNQY	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
3X26EW	Identifiler® , Identifiler Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
3YNREK	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
3ZXC9A	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
43V8BA	PowerPlex® 16 HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
448ZWB	PowerPlex® Fusion, Globalfiler Express						
	1	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11*	9,13	15,18
		14,15	29,30.2	11,15	X,X	10,11	20
48MMAF	PowerPlex® Fusion						
	1	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X	10,11	20
	9,12	12,13		7,8	8,11	16	

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

48PBXL	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
49J7CH	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
4ADWFB	PowerPlex® Fusion, Rapid HIT, GlobalFiler Express						
	1	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X	10,11	20
		9,12	12,13	23.2,30.2	7,8	8,11	16
4AFD3A	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
4B8KWL	PowerPlex® 16 HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
4EW3JJ	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
4F2AMQ	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
4GE2HT	Identifiler® Direct						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16

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

4GK3QA	Identifiler® Identifiler Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
4GYQRZ	Identifiler® Plus						
	1	NT	22,23	NT	15,18	11,13	10,11
		10,13	NT	NT	11,12	9,13	15,18
4HQRPC	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
4J49Z4	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
4J6LHC	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
4JMLD	Identifiler® Direct						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
4JM3PK	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
4L8LGM	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18

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

4PD6LB	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
4TB9QC	Identifiler® Direct						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
4TB9QC		14,15	29,30.2		X,X	10,11	20
					7,8	8,11	16
4TBYQL	PowerPlex® Fusion						
	1	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
4TBYQL		14,15	29,30.2	11,15	X	10,11	20
		9,12	12,13		7,8	8,11	16
4TK94R	PowerPlex® 16						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
4TK94R			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
4UYLRN	Identifiler® , MiniFiler						
	1	NT	22,23	NT	15,18	11,13	10,11
		10,13	NT	NT	11,12	9,13	15,18
4UYLRN		14,15	29,30.2	NT	X	10,11	20
		NT	NT	NT	7,8	8,11	16
4WQYUL	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
4WQYUL		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
4Z9N8Q	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
4Z9N8Q		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
4ZTGX3	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
4ZTGX3		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16

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

62VQ9W	PowerPlex® 16 HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
62XB9T	Profiler® Plus						
	1	-	-	-	15,18	11,13	10,11
		10,13	-	-	11,12	-	15,18
		-	29,30.2	-	X,X	-	20,20
63R2E8	Identifiler® Plus						
	1	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
		14,15	29,30.2	-	X	10,11	20
66YTPE	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
6C47F4	PowerPlex® 16						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X,X	10,11	20
6E8WLJ	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
6EQ7U6	PowerPlex® 16						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
6H7G6A	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20

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

6JF8Q8	PowerPlex® Fusion						
	1	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X	10,11	20
		9,12	12,13		7,8	8,11	16
6KPGEX	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
6L7D6C	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
6V8FD	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
6WJNHU	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
6WPND9	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
6XWEER	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
6YBQ8V	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16

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

7B2XNW	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
7E7GV6	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
7FVBJD	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
7GQ2KL	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
7HE32N	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
7JFAT2	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
7KBTWN	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
7KL9RW	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18

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

7MD7KW	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
7MV23X	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
7NDLWE	PowerPlex® PP21						
	1	15,17.3	22,23		15,18	11,13	10,11
		10,13		18,18	11,12	9,13	15,18
7NN6JC	Identifiler® Plus						
	1	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
7NUMVA	Identifiler® Direct						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
7P2LQX	Identifiler® , MiniFiler						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
7PM2E2	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
7TN663	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18

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

7V99M8	Identifiler® 1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
7X2HXF	PowerPlex® 21 1	15,17.3	22,23		15,18	11,13	10,11
		10,13		18,18	11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
		9,12	12,13		7,8	8,11	16,16
7XH9UZ	PowerPlex® 16 HS 1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
7ZZCFC	Identifiler® Plus 1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
8384BX	Identifiler® Plus 1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
83PUHX	PowerPlex® 16 HS 1	N/A	N/A	N/A	15,18	11,13	10,11
		10,13	N/A	N/A	11,12	9,13	15,18
		N/A	29,30.2	N/A	X	10,11	20
		9,12	12,13	N/A	7,8	8,11	16
84VNTM	Identifiler® Plus 1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
84ZW4W	Identifiler® 1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16

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

877P99	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
88G9ZD	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
89DCH8	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20
					7,8	8,11	16
8A8ULU	Identifiler® Plus						
	1	NT	22,23	NT	15,18	11,13	10,11
		10,13	NT	NT	11,12	9,13	15,18
		14,15	29,30.2	NT	X	10,11	20
		NT	NT	NT	7,8	8,11	16
8BYLKZ	PowerPlex® 16 HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
8C72GK	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
8CCJ8B	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
8CDT7H	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16

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

8DHP7C	Identifiler® Direct						
	1	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
		14,15	29,30.2	-	X,X	10,11	20
		-	-	-	7,8	8,11	16
8EGMNY	PowerPlex® 16						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X,X	10,11	20
		9,12	12,13		7,8	8,11	16
8EHFL8	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
8EXQCY	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
8GKH83	Life Technologies NGM SElect						
	1	15,17.3	22,23	13,14	15,18		
		10,13	12,17	18,18		9,13	15,18
		14,15	29,30.2	11,15	X,X		20,20
				23.2,30.2	7,8		16,16
8HZ7XA	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
8J9K3V	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
8M92PK	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16

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

8MRYRJ	Identifiler® , MiniFiler						
	1	NT	22,23	NT	15,18	11,13	10,11
		10,13	NT	NT	11,12	9,13	15,18
		14,15	29,30.2	NT	X	10,11	20
		NT	NT	NT	7,8	8,11	16
8N9LC6	Identifiler® Identifiler Direct						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
8T2NF6	Identifiler® Plus, MiniFiler						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
8U8Q44	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
8VQP8T	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
8XRMNM	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
8Y3HEL	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
8Y48MP	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16

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

8Y4G9U	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
8ZTUNQ	PowerPlex® 16 HS						
	1				X,X	10,11	20,20
		14,15	29,30.2		7,8	8,11	16,16
934AW4	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
93C7Z2	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
96AVMN	PowerPlex® 16						
	1				X	10,11	20
		14,15	29,30.2		7,8	8,11	16
98CBZ2	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
98W2XR	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
9AVEMD	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16

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

9BDAJ7	Identifiler®	1	22,23		15,18	11,13	10,11	
			10,13		11,12	9,13	15,18	
			14,15	29,30.2	X	10,11	20	
					7,8	8,11	16	
9C4MTC	PowerPlex® Fusion	1	15,17.3	22,23	13,14	15,18	11,13	10,11
			10,13	12,17	18	11,12	9,13	15,18
			14,15	29,30.2	11,15	X	10,11	20
			9,12	12,13		7,8	8,11	16
9CR4D7	Identifiler® Plus	1	22,23		15,18	11,13	10,11	
			10,13		11,12	9,13	15,18	
			14,15	29,30.2	X	10,11	20	
					7,8	8,11	16	
9D3F2H	Identifiler® Plus	1	22,23		15,18	11,13	10,11	
			10,13		11,12	9,13	15,18	
			14,15	29,30.2	X,X	10,11	20,20	
					7,8	8,11	16,16	
9EDF3J	Identifiler®	1	22,23		15,18	11,13	10,11	
			10,13		11,12	9,13	15,18	
			14,15	29,30.2	X	10,11	20	
					7,8	8,11	16	
9EYGYE	PowerPlex® 21	1	15,17.3	22,23		15,18	11,13	10,11
			10,13		18,18	11,12	9,13	15,18
			14,15	29,30.2		X,X	10,11	20,20
			9,12	12,13		7,8	8,11	16,16
9G3MKU	Identifiler®	1	22,23		15,18	11,13	10,11	
			10,13		11,12	9,13	15,18	
			14,15	29,30.2	X,X	10,11	20	
					7,8	8,11	16	
9GFGNN	Identifiler® Plus	1	22,23		15,18	11,13	10,11	
			10,13		11,12	9,13	15,18	
			14,15	29,30.2	X,X	10,11	20,20	
					7,8	8,11	16,16	

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

9K36CU	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
9KYZUH	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
9LRHTR	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
9M9DUR	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
9NKPEV	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
9PBFGH	PowerPlex® 16 HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
9Q8WRJ	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
9QLEHJ	PowerPlex® 16 HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18

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

9TBR92	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
9TPAYZ	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
9TV72K	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
9U7DZ8	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
9VKAE6	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
9YJEE6	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
A4D6A3	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
A7CM3N	PowerPlex® HS						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16

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

A87BJX	PowerPlex® 16						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X,X	10,11	20
		9,12	12,13		7,8	8,11	16
AB8F3K	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
AB8GY4	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
AE8KUW	PowerPlex® 16 HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
AEUU7L	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
AGC8D3	Identifiler® Plus						
	1	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
		14,15	29,30.2	-	X	10,11	20
		-	-	-	7,8	8,11	16
AGVPD9	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
AJKYNA	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16

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

AKQZ93	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
ALQE28	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
AMJPYA	Identifiler® Plus						
	1	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
ATWKP7	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
AW46EX	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
B3C34B	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
B3QE4M	Profiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12		15,18
B46DJA	PowerPlex® 21						
	1	15,17.3	22,23		15,18	11,13	10,11
		10,13		18,18	11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
		9,12	12,13		7,8	8,11	16,16

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

BE68UG	PowerPlex® Fusion						
	1	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X	10,11	20
		9,12	12,13		7,8	8,11	16
BE6FTT	PowerPlex® 16 HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
BGEXXW	Identifiler® Identifiler Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
BH44G9	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
BH9G3J	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
BHNCEX	PowerPlex® 16						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X,X	10,11	20
		9,12	12,13		7,8	8,11	16
BKUW3X	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
BQX8MQ	Identifiler® Plus, MiniFiler						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	

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

BRRC96	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
BTND62	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
BTZTYN	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
BUL9MR	PowerPlex® Fusion						
	1	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18,18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X,X	10,11	20,20
		9,12	12,13		7,8	8,11	16,16
BUYUZA	PowerPlex® Fusion						
	1	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X	10,11	20
		9,12	12,13		7,8	8,11	16
BYCREN	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
BYW4LA	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
BZR88A	PowerPlex® 21						
	1	15,17.3	22,23		15,18	11,13	10,11
		10,13		18,18	11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
		9,12	12,13		7,8	8,11	16,16

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

BZT6H7	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
BZZ9NW	Identifiler® , PowerPlex® , NGM SElect	14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
		15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
C3QKB9	Identifiler®	14,15	29,30.2	11,15	X,X	10,11	20
		9,12	12,13	23.2,30.2	7,8	8,11	16
		1	22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
CA3YHH	PowerPlex® 16	14,15	29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
		1			15,18	11,13	10,11
		10,13			11,12	9,13	15,18
CA6HNU	Identifiler® Plus		29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
		1	22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
CBH3JP	Identifiler® Plus	14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
		1	22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
CCEHVL	Identifiler® Plus	14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
		1	22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
CCJTXK	Identifiler® Plus	14,15	29,30.2		X	10,11	20
					7,8	8,11	16
		1	22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18

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

CDMTP6	Identifiler® Plus						
	1	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
		14,15	29,30.2	-	X,X	10,11	20,20
		-	-	-	7,8	8,11	16,16
CFVYAK	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
CHFR4Z	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
CJPVJJ	PowerPlex® PP21						
	1	15,17.3	22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
CLL632	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
CQ2JY9	PowerPlex® 18 Direct						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
CQUNZU	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
CRKUEY	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	

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

CVQ3WW	PowerPlex® 16						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X,X	10,11	20
		9,12	12,13		7,8	8,11	16
CX9JTG	Identifiler®, PowerPlex® 16 HS, NGM Select						
	1	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18,18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X,X	10,11	20,20
		9,12	12,13	23.2,30.2	7,8	8,11	16,16
D288TP	Identifiler® Plus, PowerPlex® 16, MiniFiler						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
D4CTMG	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
D7KYB3	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
D8EJ9B	Identifiler®, PowerPlex®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
		9,12	12,13		7,8	8,11	16,16
DAM8QR	Identifiler® Plus						
	1	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
		14,15	29,30.2	-	X,X	10,11	20,20
		-	-	-	7,8	8,11	16,16
DBV4UQ	Identifiler® Plus, PowerPlex® PP16 HS, ESX-CS7						
	1	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X,X	10,11	20
		9,12	12,13	23.2,30.2	7,8	8,11	16

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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DD62CE	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
DDNU8W	PowerPlex® 16						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
DDYWQA	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
DEUEUW	PowerPlex® Fusion						
	1	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
DGJLBM	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
DJEH49	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
DJMGWB	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
DKLJNZ	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18

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

DMVDW8	Identifiler® , MiniFiler						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
DN3X6F	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
DNMYG3	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
DPEQ4N	PowerPlex® 16 HS						
	1						
		10,13			11,12	9,13	15,18
DPXKT6	Identifiler® Plus, MiniFiler						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
DRK28J	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
DRNMZD	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
DTHVY3	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18

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

DVJMRU	PowerPlex® 16 HS, ESX17						
	1	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X	10,11	20
		9,12	12,13	23.2,30.2	7,8	8,11	16
DVZL6R	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
DX9T9K	COfiler® and Profiler Plus®						
	1				15,18	11,13	10,11
		10,13			11,12		15,18
			29,30.2		X,X		20,20
							16,16
E23AZ6	PowerPlex® Fusion						
	1	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X	10,11	20
		9,12	12,13		7,8	8,11	16
E7HNWC	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
E7YD6B	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
E8HR22	PowerPlex® 21						
	1	15,17.3	22,23		15,18	11,13	10,11
		10,13		18,18	11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
		9,12	12,13		7,8	8,11	16,16
E8U7AP	PowerPlex® 16 HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16

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

E9NZNL	Identifiler®	1	22,23		15,18	11,13	10,11	
			10,13		11,12	9,13	15,18	
			14,15	29,30.2		X	10,11	20
						7,8	8,11	16
E9NZQ7	Identifiler®	1	22,23		15,18	11,13	10,11	
			10,13		11,12	9,13	15,18	
			14,15	29,30.2		X	10,11	20
						7,8	8,11	16
EBBQYQ	PowerPlex® 16 HS	1			15,18	11,13	10,11	
			10,13		11,12	9,13	15,18	
				29,30.2		X	10,11	20
			9,12	12,13		7,8	8,11	16
EBW792	Identifiler® Plus	1	Not Tested	22,23	Not Tested	15,18	11,13	10,11
			10,13	Not Tested	Not Tested	11,12	9,13	15,18
			14,15	29,30.2	Not Tested	X,X	10,11	20,20
			Not Tested	Not Tested	Not Tested	7,8	8,11	16,16
ECN9TV	PowerPlex® Fusion	1	15,17.3	22,23	13,14	15,18	11,13	10,11
			10,13	12,17	18	11,12	9,13	15,18
			14,15	29,30.2	11,15	X	10,11	20
			9,12	12,13		7,8	8,11	16
EDKBUY	Identifiler® Plus	1		22,23		15,18	11,13	10,11
			10,13			11,12	9,13	15,18
			14,15	29,30.2		X	10,11	20
						7,8	8,11	16
EEU992	PowerPlex® 21	1	15,17.3	22,23		15,18	11,13	10,11
			10,13		18,18	11,12	9,13	15,18
			14,15	29,30.2		X,X	10,11	20,20
			9,12	12,13		7,8	8,11	16,16
EKGHHT	Identifiler® Plus	1		22,23		15,18	11,13	10,11
			10,13			11,12	9,13	15,18
			14,15	29,30.2		X,X	10,11	20,20
						7,8	8,11	16,16

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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EKNF4Q	Identifiler® , Identifiler Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
ELDXUP	Identifiler® Identifiler Plus						
	1	NT	22,23	NT	15,18	11,13	10,11
		10,13	NT	NT	11,12	9,13	15,18
ELFFZ2	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
ELH9WN	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
ELVYKY	PowerPlex® 16 HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
ER6Z4G	PowerPlex® HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
ETDTTU	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
ETGT26	PowerPlex® 16						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18

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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EVH6AP	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
EWDNDC	Identifiler® Plus, MiniFiler						
	1	NA	22,23	NA	15,18	11,13	10,11
		10,13	NA	NA	11,12	9,13	15,18
EWEC33	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
EWMJM	PowerPlex® Fusion						
	1	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18,18	11,12	9,13	15,18
EX7LX	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
EY2MKZ	Identifiler® ID Direct						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
EYJY8	PowerPlex® PowerPlex® 16						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
F2HQUX	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18

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

F2JN49	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
F3ZQ3U	PowerPlex® ESI-16						
	1	15,17.3	22,23	13,14	15,18	-	-
		10,13	12,17	18,18	-	9,13	15,18
		14,15	29,30.2	11,15	X,X	-	20,20
		-	-	-	7,8	-	16,16
F67A6W	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
F7FJBT	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
F9KVQN	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
F9P2GY	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
F9P7TL	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
F9Z24T	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16

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

FB9CYB	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
FBRCX	PowerPlex® 21						
	1	15,17.3	22,23		15,18	11,13	10,11
		10,13		18,18	11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
		9,12	12,13		7,8	8,11	16,16
FC6HP3	Identifiler® Plus						
	1	N/A	22,23	N/A	15,18	11,13	10,11
		10,13	N/A	N/A	11,12	9,13	15,18
		14,15	29,30.2	N/A	X,X	10,11	20,20
		N/A	N/A	N/A	7,8	8,11	16,16
FDD336	PowerPlex® Fusion						
	1	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X	10,11	20
		9,12	12,13		7,8	8,11	16
FE7AMM	Identifiler® Plus, MiniFiler						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
FGWF6Y	Identifiler®						
	1	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
		14,15	29,30.2	-	X,X	10,11	20,20
		-	-	-	7,8	8,11	16,16
FH9P3K	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20
					7,8	8,11	16
FNWUTK	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16

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

FPP8FT	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
FRDUWM	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
FRNP78	PowerPlex® 16 HS, NGM SElect						
	1	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X	10,11	20
		9,12	12,13	23.2,30.2	7,8	8,11	16
FVXAF8	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
FX47U4	Identifiler® Plus, MiniFiler						
	1	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
		14,15	29,30.2	-	X,X	10,11	20,20
		-	-	-	7,8	8,11	16,16
FYZBWR	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
FZAMB9	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
G2E4RV	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16

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

G3TXRY	Identifiler® , MiniFiler						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
G7U63N	PowerPlex® 16 HS						
	1				X	10,11	20
		14,15	29,30.2		7,8	8,11	16
G86RYH	PowerPlex® 16						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
G8NU6W	COfiler® and Profiler Plus®						
	1				X	10,11	20
		9,12	12,13		7,8	8,11	16
G8THYA	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
GB9MHK	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		14,15	29,30.2		X,X	10,11	20,20
GCXZXH	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
GE9ELW	Identifiler® Direct						
	1		22,23		15,18	11,13	10,11
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	

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

GEMB3G	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
GHNTA3	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
GJ2QR9	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
GJG44Y	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
GJHZCA	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
GL4TCH	PowerPlex® 16						
	1		29,30.2		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
GLK4YP	Identifiler® Plus						
	1	-	22,23	-	15,18	11,13	10,11
		10,13			11,12	9,13	15,18
GLTRUQ	PowerPlex® 16 HS						
	1		29,30.2		15,18	11,13	10,11
		10,13			11,12	9,13	15,18

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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GMYCGQ	PowerPlex® 16 HS						
	1	N/A	N/A	N/A	15,18	11,13	10,11
		10,13	N/A	N/A	11,12	9,13	15,18
		N/A	29,30.2	N/A	X	10,11	20
GNE9U4	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
GP6YUV	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
GPKC4Z	PowerPlex® 16 HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
GQXRNT	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
GRCCG3	Identifiler® , MiniFiler						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
GTPQ4C	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
GWPKQ2	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20

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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GXF6K7	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
GXKD28	PowerPlex® 16						
	1				X	10,11	20
		14,15	29,30.2		7,8	8,11	16
GZ3Q9M	PowerPlex® 16						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
H2ER4M	Identifiler® Identifiler Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
H2U3P9	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
H42KLH	PowerPlex® Fusion						
	1	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
H4MY8F	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
H74KMF	Identifiler® , MiniFiler						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16

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

H7LEGX	PowerPlex® 21							
	1	15,17.3	22,23	NT	15,18	11,13	10,11	
		10,13	NT	18,18	11,12	9,13	15,18	
		14,15	29,30.2	NT	X,X	10,11	20,20	
H7UWKA	Identifiler® Plus							
		1		22,23		15,18	11,13	10,11
			10,13			11,12	9,13	15,18
			14,15	29,30.2		X	10,11	20
HCW43X	Identifiler®							
		1		22,23		15,18	11,13	10,11
			10,13			11,12	9,13	15,18
			14,15	29,30.2		X	10,11	20
HFGVBE	PowerPlex® 16							
		1				15,18	11,13	10,11
			10,13			11,12	9,13	15,18
				29,30.2		X	10,11	20
HH72UQ	Identifiler® Plus							
		1		22,23		15,18	11,13	10,11
			10,13			11,12	9,13	15,18
			14,15	29,30.2		X,X	10,11	20,20
HKAWDU	Identifiler® Plus							
		1		22,23		15,18	11,13	10,11
			10,13			11,12	9,13	15,18
			14,15	29,30.2		X	10,11	20
HPHUP2	Identifiler® Identifiler Plus							
		1		22,23		15,18	11,13	10,11
			10,13			11,12	9,13	15,18
			14,15	29,30.2		X,X	10,11	20,20
HQD9HL	PowerPlex® 16 HS							
		1				15,18	11,13	10,11
			10,13			11,12	9,13	15,18
				29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16	

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

J7NYP4	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
J8DWW6	PowerPlex® 16-HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
J8GNER	PowerPlex® 16						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
JA9UQB	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
JDQ7BY	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
JHDYF8	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
JJD26B	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
JJTPFX	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16

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

JJUMQT	PowerPlex® 16 HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
JMDGRZ	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
JQ9DBZ	Identifiler® Plus						
	1	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
		14,15	29,30.2	-	X,X	10,11	20,20
		-	-	-	7,8	8,11	16,16
JTZECC	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
JUBUKU	PowerPlex® 21						
	1	15,17.3	22,23		15,18	11,13	10,11
		10,13		18,18	11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
		9,12	12,13		7,8	8,11	16,16
JUVUNE	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
JWW3Q4	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
JXEZ9V	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16

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

K2MWYN	PowerPlex® Fusion						
	1	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X	10,11	20
K3JQXY	Identifiler® Plus	9,12	12,13		7,8	8,11	16
		1	22,23		15,18	11,13	10,11
			10,13		11,12	9,13	15,18
			14,15	29,30.2	X,X	10,11	20,20
K3WTH8	Identifiler®				7,8	8,11	16,16
		1	22,23		15,18	11,13	10,11
			10,13		11,12	9,13	15,18
			14,15	29,30.2	X	10,11	20
K4F7AW	Identifiler®				7,8	8,11	16
		1	22,23		15,18	11,13	10,11
			10,13		11,12	9,13	15,18
			14,15	29,30.2	X	10,11	20
K7FY3N	PowerPlex® 16				7,8	8,11	16
		1			15,18	11,13	10,11
			10,13		11,12	9,13	15,18
				29,30.2	X	10,11	20
K7GR3G	Identifiler® Plus, MiniFiler	9,12	12,13		7,8	8,11	16
		1	22,23		15,18	11,13	10,11
			10,13		11,12	9,13	15,18
			14,15	29,30.2	X	10,11	20
K7NRCX	Identifiler® Plus				7,8	8,11	16
		1	22,23		15,18	11,13	10,11
			10,13		11,12	9,13	15,18
			14,15	29,30.2	X,X	10,11	20,20
K8VZCH	Identifiler®				7,8	8,11	16,16
		1	22,23		15,18	11,13	10,11
			10,13		11,12	9,13	15,18
			14,15	29,30.2	X	10,11	20

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

K97XLT	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
KAZVPT	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
KBP286	PowerPlex® 16 HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
KF84MB	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
KF8C9F	Identifiler® Identifiler Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
KFMNT7	PowerPlex® 16						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
KFT764	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
KKVYXT	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18

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

KML83N	Goldeneye 20A						
	1		22,23		15,18	11,13	10,11
		10,13		18,18	11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
		9,12	12,13		7,8	8,11	16,16
KMP7GB	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
KNJWMQ	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
KPEDYM	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
KPXL7P	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
KQ8WW2	PowerPlex® 16						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
	9,12	12,13		7,8	8,11	16	
KQ9VPA	PowerPlex® HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
	9,12	12,13		7,8	8,11	16	
KTVWL3	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	

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

KTX29L	PowerPlex® 16						
	1				15,18	11,13	10,11
	10,13				11,12	9,13	15,18
KVL8Q	Identifiler® Plus						
	1		29,30.2		X,X	10,11	20
	9,12		12,13		7,8	8,11	16
KVM76Y	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
	10,13				11,12	9,13	15,18
KYXBNL	Identifiler® Plus						
	1		29,30.2		X	10,11	20
	14,15				7,8	8,11	16
L28NY2	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
	10,13				11,12	9,13	15,18
L3FXTJ	PowerPlex® PP16 HS						
	1		29,30.2		X	10,11	20
	9,12		12,13		7,8	8,11	16
L3HJMD	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
	10,13				11,12	9,13	15,18
L4N98A	PowerPlex® 16						
	1		29,30.2		X,X	10,11	20
	9,12		12,13		7,8	8,11	16

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

L7DKH2	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
LAGANF	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
LC3WJN	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
LCXN3N	PowerPlex® Fusion						
	1	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
LEMXCP	PowerPlex® Fusion						
	1	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
LFPYJN	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
LHQJC9	PowerPlex® 16 HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
LJJZEB	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18

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

LJKEQ6	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
LJZQDG	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
LKFQUK	PowerPlex® 16						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
LKUJ38	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
LLBL4E	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
LP6GU2	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
LRENU9	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
LRZZXM	PowerPlex® 16						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
	9,12		12,13		7,8	8,11	16

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

LT4X3N	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
LTR83K	PowerPlex® 16						
	1				X	10,11	20
		14,15	29,30.2		7,8	8,11	16
LUNMEG	PowerPlex® 16 HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
LV9QU2	PowerPlex® 16 HS						
	1				X,X	10,11	20
		9,12	12,13		7,8	8,11	16
LYZRMF	Identifiler® Direct						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
LZUABR	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		14,15	29,30.2		X	10,11	20
M2J3K2	Identifiler®						
	1		22,23		15,18	11,13	10,11
		14,15	29,30.2		X	10,11	20
M2V6G	Identifiler® Plus, PowerPlex® 16						
	1		22,23		15,18	11,13	10,11
		14,15	29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16

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

M4PXAQ	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
M9GJAK	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
MBKETN	PowerPlex® 16 HS						
	1	N/A	N/A	N/A	15,18	11,13	10,11
		10,13	N/A	N/A	11,12	9,13	15,18
MBL8PB	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
MCLX47	Identifiler® Identifiler Plus, PowerPlex® PP18D						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
MCYNWW	Identifiler® Plus						
	1	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
ME3JFZ	Identifiler® , PowerPlex®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
MFJE2D	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18

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

MH9KJN	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
MJJUM3	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
MJKDHW	PowerPlex® 21						
	1	15,17.3	22,23	-	15,18	11,13	10,11
		10,13		18,18	11,12	9,13	15,18
MKR3RF	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
MLPEB3	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
MNXTCV	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
MPA6YL	PowerPlex® 16 HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
MPMREE	PowerPlex® Fusion						
	1	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18,18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X,X	10,11	20,20
		9,12	12,13		7,8	8,11	16,16

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

MQMU4J	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
MRT9KX	Identifiler® Direct						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
MT7EZR	PowerPlex® PowerPlex® 21						
	1	15,17.3	22,23		15,18	11,13	10,11
		10,13		18,18	11,12	9,13	15,18
MTB724	PowerPlex® Fusion						
	1	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
MTZT37	Identifiler® , MiniFiler						
	1	NT	22,23	NT	15,18	11,13	10,11
		10,13	NT	NT	11,12	9,13	15,18
MUGXMP	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
MXZPZD	PowerPlex® 16						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
MYCQH7	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18

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

MZ7EYF	Identifiler® Plus						
	1	NT	22,23	NT	15,18	11,13	10,11
		10,13	NT	NT	11,12	9,13	15,18
		14,15	29,30.2	NT	X	10,11	20
		NT	NT	NT	7,8	8,11	16
MZPCEL	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
N2ZQRE	Identifiler® Plus						
	1	N/A	22,23	N/A	15,18	11,13	10,11
		10,13	N/A	N/A	11,12	9,13	15,18
		14,15	29,30.2	N/A	X,X	10,11	20,20
		N/A	N/A	N/A	7,8	8,11	16,16
N38PM3	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
N4L66B	PowerPlex® 16						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X,X	10,11	20
		9,12	12,13		7,8	8,11	16
NC8KFR	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
NCDP4G	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
ND8WJT	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16

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

NDDFHC	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
NEJ27C	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
NEXLLF	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
NFVXD3	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
NGPLUC	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
NKPNV8	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
NMVZY3	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
NMYAMY	PowerPlex® PP21						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
		9,12	12,13		7,8	8,11	16,16

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

NQBPZQ	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
NQCRKP	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
NRTLNJ	PowerPlex® 16						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
NT2VH3	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
NTK6HB	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
NUVQWX	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
NWEW49	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
P2BH9H	PowerPlex® 16 HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
	9,12		12,13		7,8	8,11	16

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

P6CMJG	PowerPlex® 16						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
P73XAA	Identifiler®						
	1		29,30.2		X,X	10,11	20
		9,12	12,13		7,8	8,11	16
P74CU3	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
P9W2JP	PowerPlex® 21						
	1	15,17.3	22,23		15,18	11,13	10,11
		10,13		18,18	11,12	9,13	15,18
PD7QVQ	Identifiler® Plus						
	1		29,30.2		X,X	10,11	20,20
		9,12	12,13		7,8	8,11	16,16
PDMEZJ	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
PEYNW7	Identifiler®						
	1		29,30.2		X,X	10,11	20,20
		14,15	12,13		7,8	8,11	16,16
PHRWW7	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16

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

PJP7AW	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
PLBUKW	Identifiler® Plus						
	1	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
PNQZHY	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
PNZ4UX	PowerPlex® 16 HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
PQABXQ	COfiler® and Profiler Plus® , Identifiler® , MiniFiler						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
PQBYKV	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
PR6Z9Y	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
PTLRPV	Identifiler® , MiniFiler						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16

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

PWDACL	PowerPlex® Fusion						
	1	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X	10,11	20
		9,12	12,13		7,8	8,11	16
PY6PZG	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
PYPTQP	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
PYX482	PowerPlex® 16 HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
Q7YLC7	PowerPlex® HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
Q7YNZP	Identifiler® Plus, MiniFiler						
	1	Not tested	22,23	Not tested	15,18	11,13	10,11
		10,13	Not tested	Not tested	11,12	9,13	15,18
		14,15	29,30.2	Not tested	X,X	10,11	20,20
		Not tested	Not tested	Not tested	7,8	8,11	16,16
Q89TDD	PowerPlex® 16						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X,X	10,11	20
		9,12	12,13		7,8	8,11	16
Q8BDDA	Identifiler® Plus, MiniFiler						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	

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

Q8TE2W	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
Q9PTUG	PowerPlex® 16						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X,X	10,11	20
		9,12	12,13		7,8	8,11	16
QBXXAQ	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
QCBXHY	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
QDK6J8	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
QFP8H4	PowerPlex® HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
QGJ3WZ	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
QL8PMY	GlobalFiler						
	1	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18,18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X,X	10,11	20,20
				23.2,30.2	7,8	8,11	16,16

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

QM9TMM	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
QQKKAN	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
QQN64H	PowerPlex® 16						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
QQRTXV	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
QRJN86	PowerPlex® PP16 HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
QT2XFQ	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
QU4NVY	PowerPlex® 16 HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
QX29ZJ	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18

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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QYJD29	PowerPlex® 16						
	1				15,18	11,13	10,11
	10,13				11,12	9,13	15,18
	9,12		29,30.2		X	10,11	20
QZHE4U	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
	10,13				11,12	9,13	15,18
	14,15		29,30.2		X,X	10,11	20,20
R272NF	PowerPlex® 16 HS						
	1	-	-	-	15,18	11,13	10,11
	10,13		-	-	11,12	9,13	15,18
	9,12		29,30.2	-	X	10,11	20
R2KX3E	Identifiler®						
	1		22,23		15,18	11,13	10,11
	10,13				11,12	9,13	15,18
	14,15		29,30.2		X,X	10,11	20,20
R3BKFW	PowerPlex® 16 HS						
	1				15,18	11,13	10,11
	10,13				11,12	9,13	15,18
	9,12		29,30.2		X	10,11	20
R3DDBJ	Identifiler®						
	1		22,23		15,18	11,13	10,11
	10,13				11,12	9,13	15,18
	14,15		29,30.2		X	10,11	20
R6KZBN	PowerPlex® PP21						
	1	15,17.3	22,23		15,18	11,13	10,11
	10,13			18,18	11,12	9,13	15,18
	14,15		29,30.2		X,X	10,11	20,20
R7UTPH	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
	10,13				11,12	9,13	15,18
	14,15		29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16

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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R7XJBK	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
R9H3YJ	PowerPlex® PP16 HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
RADWBT	Identifiler® Plus						
	1	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
		14,15	29,30.2	-	X	10,11	20
		-	-	-	7,8	8,11	16
RAKLAZ	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
RC27LU	PowerPlex® 16 HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
RERP88	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
REVV4F	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
RJ9ELX	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16

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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RLM96B	Identifiler® , Identifiler Plus, PowerPlex® 16, PowerPlex® 16 HS, MiniFiler						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
RM394C	Identifiler® Plus						
	1	N/A	22,23	N/A	15,18	11,13	10,11
		10,13	N/A	N/A	11,12	9,13	15,18
		14,15	29,30.2	N/A	X,X	10,11	20,20
		N/A	N/A	N/A	7,8	8,11	16,16
RNHWFJ	PowerPlex® 16 HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
RNVMBV	PowerPlex® 16 HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
RPQHDD	Identifiler® Plus						
	1	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
		14,15	29,30.2	-	X,X	10,11	20,20
		-	-	-	7,8	8,11	16,16
RRDT24	PowerPlex® HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
RUZEPK	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
RVCW3Y	PowerPlex® 21						
	1	15,17.3	22,23	-	15,18	11,13	10,11
		10,13	-	18,18	11,12	9,13	15,18
		14,15	29,30.2	-	X,X	10,11	20,20
		9,12	12,13	-	7,8	8,11	16,16

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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RVY7B8	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
RWBYUN	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
RXJJCW	PowerPlex® 16 HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
RYVRK3	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
RZN444	Identifiler® Identifiler Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
T2JGNF	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
T3BJ9A	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
T42DLY	COfiler® and Profiler Plus® , Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18

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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T4RYW7	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
T7R4GE	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
T8N6HG	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
TATAX6	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
TAX6MN	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
TB6YAU	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
TBKAVF	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
TC3A3C	PowerPlex® 16						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		29,30.2			X,X	10,11	20
	9,12	12,13			7,8	8,11	16

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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TDFY9A	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
TJ2PWQ	PowerPlex® 16						
	1				X,X	10,11	20,20
		14,15	29,30.2		7,8	8,11	16,16
TJKPPU	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
TJUUXC	Identifiler® Plus						
	1		22,23		X	10,11	20
		14,15	29,30.2		7,8	8,11	16
TJWJ7F	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
TKCQL7	Profiler® Plus						
	1				X,X	10,11	20,20
		14,15	29,30.2		7,8	8,11	16,16
TKWDDZ	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
TL36UF	Identifiler® Plus						
	1		22,23		X	10,11	20
		14,15	29,30.2		7,8	8,11	16

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

TL7GRK	Identifiler® Plus						
	1	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
		14,15	29,30.2	-	X	10,11	20
		-	-	-	7,8	8,11	16
TLKZE3	Profiler® Plus						
	1				15,18	11,13	10,11
		10,13			11,12		15,18
			29,30.2		X		20,20
							16,16
TMFNTR	Identifiler® Plus						
	1	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
		14,15	29,30.2	-	X	10,11	20
		-	-	-	7,8	8,11	16
TMYK6R	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
TN9FWB	PowerPlex® PP16 HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
TPL9GR	Identifiler® Plus						
	1	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
		14,15	29,30.2	-	X	10,11	20
		-	-	-	7,8	8,11	16
TQLDJL	PowerPlex® 21						
	1	15,17.3	22,23		15,18	11,13	10,11
		10,13		18,18	11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
		9,12	12,13		7,8	8,11	16,16
TQMBUH	COfiler® and Profiler Plus® Profiler® Plus, Identifiler® Plus, MiniFiler						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16

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

TRU6GN	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
TUJEP4	PowerPlex® 16 HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
TXLCZW	NGM SElect						
	1	15,17.3	22,23	13,14	15,18		
		10,13	12,17	18,18		9,13	15,18
		14,15	29,30.2	11,15	X,X		20,20
				23.2,30.2	7,8		16,16
TYBHH9	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
TZ4PKK	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
U4W4FK	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
U4X2NV	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
U6QUJE	Identifiler® Plus						
	1	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
		14,15	29,30.2	-	X,X	10,11	20
		-	-	-	7,8	8,11	16

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

U7MBVB	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20
					7,8	8,11	16
U8G22P	Identifiler® Plus						
	1	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
		14,15	29,30.2	-	X	10,11	20
		-	-	-	7,8	8,11	16
U8MLV7	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
U92GTE	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
U9DTDG	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20,20
					7,8	8,11	16,16
UA7B44	PowerPlex® 16 HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
UCFB9B	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
UCVKD6	PowerPlex® 16						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X,X	10,11	20
		9,12	12,13		7,8	8,11	16

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

UFB2MA	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
UGMZDC	Identifiler® , MiniFiler						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20
					7,8	8,11	16
UGR9UC	PowerPlex®						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X,X	10,11	20
		9,12	12,13		7,8	8,11	16
UL7CU9	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
ULJHZ6	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
UQBMT9	Identifiler® Plus						
	1	NT	22,23	NT	15,18	11,13	10,11
		10,13	NT	NT	11,12	9,13	15,18
		14,15	29,30.2	NT	X	10,11	20
		NT	NT	NT	7,8	8,11	16
UQE8M4	PowerPlex® 16 HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
UQF8GC	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16

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

UQFXV8	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
UQYWT6	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
UTDUP7	PowerPlex® 16 HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
UTXB3N	PowerPlex® 16 HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
UXCVGN	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
V3PVDF	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
V6PEQE	PowerPlex® Fusion						
	1	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X	10,11	20
		9,12	12,13		7,8	8,11	16
V77E7W	PowerPlex® HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X,X	10,11	20
		9,12	12,13		7,8	8,11	16

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

V7JA7V	PowerPlex® 16 HS						
	1				15,18	11,13	10,11
	10,13				11,12	9,13	15,18
	9,12	29,30.2	12,13		X	10,11	20
VCT8AA	PowerPlex® 16 HS						
	1				15,18	11,13	10,11
	10,13				11,12	9,13	15,18
	9,12	29,30.2	12,13		X	10,11	20
VCTAYE	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
	10,13				11,12	9,13	15,18
	14,15	29,30.2			X,X	10,11	20,20
VDMZZM	Identifiler® Plus						
	1	-	22,23	-	15,18	11,13	10,11
	10,13				11,12	9,13	15,18
	14,15	29,30.2			X,X	10,11	20,20
VG8PP7	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
	10,13				11,12	9,13	15,18
	14,15	29,30.2			X,X	10,11	20,20
VHGWRV	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
	10,13				11,12	9,13	15,18
	14,15	29,30.2			X	10,11	20
VJ834H	Identifiler®						
	1		22,23		15,18	11,13	10,11
	10,13				11,12	9,13	15,18
	14,15	29,30.2			X	10,11	20
VJ9LYD	Identifiler® ID Plus						
	1		22,23		15,18	11,13	10,11
	10,13				11,12	9,13	15,18
	14,15	29,30.2			X,X	10,11	20,20

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

VLJTD	Globalfiler						
	1	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X	10,11	20
		n/a	n/a	23.2,30.2	7,8	8,11	16
VM92K3	PowerPlex® 16						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X,X	10,11	20
		9,12	12,13		7,8	8,11	16
VMQ8QU	PowerPlex® 16 HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
VR32XC	PowerPlex® 16						
	1	-	-	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
		-	29,30.2	-	X,X	10,11	20
		9,12	12,13	-	7,8	8,11	16
VRMN9F	PowerPlex® Fusion						
	1	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X	10,11	20
		9,12	12,13		7,8	8,11	16
VW36QK	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
VW7JQJ	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
VWQDWH	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16

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

VWEXE8	Identifiler® Plus, PowerPlex® 16, MiniFiler						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
VX82RF	PowerPlex® 16 HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
VZJ37F	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
W3KZ8E	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
W3XFCF	PowerPlex® FUSION						
	1	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X	10,11	20
		9,12	12,13		7,8	8,11	16
W8QK3Y	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
W8UFCW	PowerPlex® 16 HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
W99CTF	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	

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

WAZUTB	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
WBUHAK	PowerPlex® 16 HS						
	1				X,X	10,11	20
		14,15	29,30.2		7,8	8,11	16
WCALEX	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
WDJTHQ	PowerPlex® PP16						
	1				X	10,11	20
		14,15	29,30.2		7,8	8,11	16
WG2Q93	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
WGJCQX	Identifiler® , Identifiler Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
WJKZNT	PowerPlex® 16 HS						
	1				X,X	10,11	20,20
		14,15	29,30.2		7,8	8,11	16,16
WKHBW4	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16

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

WKVX2B	PowerPlex® 16 HS, NGM-SELECT							
	1	15,17.3	22,23	13,14	15,18	11,13	10,11	
		10,13	12,17	18	11,12	9,13	15,18	
		14,15	29,30.2	11,15	X	10,11	20	
WLUZC9	PowerPlex® 16	9,12	12,13	23.2,30.2	7,8	8,11	16	
		1			15,18	11,13	10,11	
			10,13			11,12	9,13	15,18
				29,30.2		X,X	10,11	20
WLVPHR	Identifiler®	9,12	12,13		7,8	8,11	16	
		1		22,23	15,18	11,13	10,11	
			10,13			11,12	9,13	15,18
			14,15	29,30.2		X	10,11	20
WMNBXG	Identifiler® Plus				7,8	8,11	16	
		1		22,23	15,18	11,13	10,11	
			10,13			11,12	9,13	15,18
			14,15	29,30.2		X	10,11	20
WPAJ4Q	Identifiler® Plus, PowerPlex® 16				7,8	8,11	16	
		1		22,23	15,18	11,13	10,11	
			10,13			11,12	9,13	15,18
			14,15	29,30.2		X	10,11	20
WPWXHV	Identifiler® Plus, MiniFiler	9,12	12,13		7,8	8,11	16	
		1	N/A	22,23	N/A	15,18	11,13	10,11
			10,13	N/A	N/A	11,12	9,13	15,18
			14,15	29,30.2	N/A	X,X	10,11	20,20
WR4B7N	Identifiler®				7,8	8,11	16,16	
		1		22,23	15,18	11,13	10,11	
			10,13			11,12	9,13	15,18
			14,15	29,30.2		X	10,11	20
WTBMVD	Identifiler® Plus				7,8	8,11	16	
		1		22,23	12,18	11,13	10,11	
			10,13			11,12	9,13	15,18
			14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16		

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

WV2WXR	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
WYJZLN	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
WZT72X	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
X2KETE	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
X2NYM9	Identifiler® , Identifiler Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
X3XE2M	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
X4UWYH	Identifiler® Direct						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
X7CNY7	PowerPlex® HS						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		29,30.2			X	10,11	20
	9,12	12,13			7,8	8,11	16

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

X7H7B4	Identifiler® Plus, MiniFiler						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
X87JD2	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
X8Q3GN	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
X92X98	PowerPlex® 16						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
XAXZQ2	Identifiler® Identifiler Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
XC3YBP	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
XCLA3N	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
XCMW9M	PowerPlex® 16						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		29,30.2			X	10,11	20
	9,12	12,13			7,8	8,11	16

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

XDGKNX	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
XJ3FP2	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
XJL44P	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
XJMYTM	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
XMLYZC	PowerPlex® 16						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
XNZUFC	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
XQ7898	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
XQ7F3C	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18

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

XRLJYP	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
XRXFZN	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
XTPLC8	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
XUK2P6	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
XVAE62	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
XZB2XB	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
Y2HEJJ	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
Y2JYXT	Identifiler® Plus, PowerPlex® 18D						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16

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

Y3PHPA	Identifiler® Plus						
	1	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
		14,15	29,30.2	-	X,X	10,11	20,20
		-	-	-	7,8	8,11	16,16
Y3X7JA	PowerPlex® 16 HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
Y4LX27	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
Y4NY8J	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
Y7UKVJ	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
Y928NB	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
YAAFH3	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
YAQNRQ	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16

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

YBKB7F	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
YBMPNM	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
YCF2AA	PowerPlex® Fusion						
	1	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X	10,11	20
		9,12	12,13		7,8	8,11	16
YCFUA3	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
YCK6CZ	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
YDFDDA	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
YE68QZ	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
YE8GX6	Identifiler® Plus						
	1	Blank	22,23	Blank	15,18	11,13	10,11
		10,13	Blank	Blank	11,12	9,13	15,18
		14,15	29,30.2	Blank	X,X	10,11	20,20
		Blank	Blank	Blank	7,8	8,11	16,16

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

YEMAMZ	PowerPlex® 16 HS						
	1				15,18	11,13	10,11
	10,13				11,12	9,13	15,18
YFZW29	PowerPlex® 16 HS						
	1		29,30.2		X	10,11	20
	9,12	12,13			7,8	8,11	16
YH8Y6R	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
	10,13				11,12	9,13	15,18
YHJZMK	Identifiler® Plus						
	1		29,30.2		X,X	10,11	20,20
	14,15				7,8	8,11	16,16
YJKQZU	Identifiler®						
	1	-	22,23	-	15,18	11,13	10,11
	10,13				11,12	9,13	15,18
YJY3UT	Identifiler®						
	1		29,30.2		X,X	10,11	20
	14,15				7,8	8,11	16
YKR2WX	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
	10,13				11,12	9,13	15,18
YLNQUY	Identifiler® Plus						
	1		29,30.2		X	10,11	20
	14,15				7,8	8,11	16
YLNQUY	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
	10,13				11,12	9,13	15,18
YLNQUY	Identifiler® Plus						
	1		29,30.2		X,X	10,11	20,20
	14,15				7,8	8,11	16,16

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

YMEUHZ	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20
				7,8	8,11	16	
YRCZQC	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
YT4A88	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
YXHTK9	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
YXY2JB	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
YZMBTC	PowerPlex® 16 HS						
	1	N/A	N/A	N/A	15,18	11,13	10,11
		10,13	N/A	N/A	11,12	9,13	15,18
		N/A	29,30.2	N/A	X	10,11	20
	9,12	12,13	N/A	7,8	8,11	16	
Z2C4YE	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
Z2V32J	Identifiler® Plus						
	1	N/T	22,23	N/T	15,18	11,13	10,11
		10,13	N/T	N/T	11,12	9,13	15,18
		14,15	29,30.2	N/T	X,X	10,11	20,20
	N/T	N/T	N/T	7,8	8,11	16,16	

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

Z6FRP3	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
Z84W9E	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
Z93URM	PowerPlex® PP21						
	1	15,17.3	22,23		15,18	11,13	10,11
		10,13		18,18	11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
		9,12	12,13		7,8	8,11	16,16
Z9XFC2	Identifiler® Identifiler Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
ZAAAZE	PowerPlex® 21						
	1	15,17.3	22,23		15,18	11,13	10,11
		10,13		18,18	11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
		9,12	12,13		7,8	8,11	16,16
ZAP7DT	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
ZCJPGF	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
ZD282J	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16

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

ZE2LUP	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
ZFCVTW	PowerPlex® PP16 HS						
	1				X	10,11	20
		14,15	29,30.2		7,8	8,11	16
ZGEJG2	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
ZGPKYU	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
ZMBE4E	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
ZMBMXJ	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
ZMJRTG	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
ZMVY3J	Identifiler®						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16

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

ZPCJCT	COfiler® and Profiler Plus®						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
					7,8	8,11	16
ZQV3G6	Identifiler®						
	1	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
		14,15	29,30.2	-	X,X	10,11	20,20
		-	-	-	7,8	8,11	16,16
ZUWHYN	Identifiler® Plus						
	1	NA	22,23	NA	15,18	11,13	10,11
		10,13	NA	NA	11,12	9,13	15,18
		14,15	29,30.2	NA	X,X	10,11	20,20
		NA	NA	NA	7,8	8,11	16,16
ZV8FC6	PowerPlex® 16 HS						
	1				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
ZYURFG	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
ZZKXR2	Identifiler® Plus						
	1		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16

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

229JQM	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
23PFEF	Identifiler® DIRECT						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
24JWGK	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
27MK2F	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
28FKXR	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
2B3W24	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
2CAXT9	COfiler® and Profiler Plus®						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
2CB3JX	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16

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

2CNRBP	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
2EYTEB	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
2H48C3	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
2JTFHW	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
2L2QCF	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
2LBTPD	Identifiler® , PowerPlex® Fusion, GlobalFiler Express						
	2	12,16.3	17,25	13,14	15,16	11,12	10,12
		12,13	13	18,20	10,13	9,11	13,16
2LVMDU	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
2NK2UR	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		30,31.2			X,Y	11,12	24,24
	12,12	11,15			6,9.3	8,11	16,16

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

2NLHJC	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
2PFBDA	Identifiler® Identifiler Plus						
	2	-	17,25	-	15,16	11,12	10,12
		12,13	-	-	10,13	9,11	13,16
2QAA28		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
		-	-	-	6,9.3	8,11	16,16
2RNMWW	PowerPlex® 16 HS						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
2TEVY			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
2UDUE8	PowerPlex® Fusion						
	2	12,16.3	17,25	13,14	15,16	11,12	10,12
		12,13	13	18,20	10,13	9,11	13,16
2V88R6		14,15.2	30,31.2	11,15	X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
2VJNNC	PowerPlex® 16						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
2V88R6	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
2VJNNC		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
2VJNNC	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16

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

2XP43V	Identifiler® Plus						
	2	-	17,25	-	15,16	11,12	10,12
		12,13	-	-	10,13	9,11	13,16
		14,15.2	30,31.2	-	X,Y	11,12	24,24
		-	-	-	6,9.3	8,11	16,16
2YAY6C	Identifiler® DIRECT						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
2ZFX9C	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
327JDN	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
329ALQ	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
32PXR6	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
34UTNA	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
36M2E6	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16

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

37XV4D	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
37YLG M	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
38TAXX	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
38TYRY	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
3AH94L	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
3AJKNQ	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
3AX2PB	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
3FAHAD	Identifiler® Direct						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16

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

3HT7GQ	Identifiler® Plus						
	2	-	17,25	-	15,16	11,12	10,12
		12,13	-	-	10,13	9,11	13,16
		14,15.2	30,31.2	-	X,Y	11,12	24,24
		-	-	-	6,9.3	8,11	16,16
3J4YEY	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
3J6U3C	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
3K48WC	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
3LAEZJ	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
3LC9FJ	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
3LELBT	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
3N3D6A	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16

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

3NZLYM	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
3QADJP	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
3QKJD6	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
3RF3HR	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
3U4NZG	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
3U6FXP	PowerPlex® Fusion Direct						
	2	12,16.3	17,25	13,14	15,16	11,12	10,12
		12,13	13	18,20	10,13	9,11	13,16
		14,15.2	30,31.2	11,15	X,Y	11,12	24
3V4XHK	PowerPlex® 21						
	2	12,16.3	17,25		15,16	11,12	10,12
		12,13		18,20	10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
3WBYY7	PowerPlex® 16						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
	12	11,15		6,9.3	8,11	16	

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

3WTNQY	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
				6,9.3	8,11	16	
3X26EW	Identifiler® , Identifiler Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
				6,9.3	8,11	16	
3YNREK	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
				6,9.3	8,11	16	
3ZXC9A	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
				6,9.3	8,11	16,16	
43V8BA	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
448ZWB	PowerPlex® Fusion, Globalfiler Express						
	2	12,16.3	17,25	13,14	15,16	11,12	10,12
		12,13	13	18,20	10,13	9,11	13,16
		14,15.2	30,31.2	11,15	X,Y	11,12	24
		12	11,15	16,20	6,9.3	8,11	16
48MMAF	PowerPlex® Fusion						
	2	12,16.3	17,25	13,14	15,16	11,12	10,12
		12,13	13	18,20	10,13	9,11	13,16
		14,15.2	30,31.2	11,15	X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
48PBXL	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
				6,9.3	8,11	16,16	

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

49J7CH	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
4ADWFB	PowerPlex® Fusion, Rapid HIT, GlobalFiler Express						
	2	12,16.3	17,25	13,14	15,16	11,12	10,12
		12,13	13	18,20	10,13	9,11	13,16
		14,15.2	30,31.2	11,15	X,Y	11,12	24
		12	11,15	16,20	6,9.3	8,11	16
4AFD3A	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
4B8KWL	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
4EW3JJ	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
4F2AMQ	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
4GE2HT	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
4GK3QA	Identifiler® Identifiler Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16

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

4GYQRZ	Identifiler® Plus						
	2	NT	17,25	NT	15,16	11,12	10,12
		12,13	NT	NT	10,13	9,11	13,16
		14,15.2	30,31.2	NT	X,Y	11,12	24
		NT	NT	NT	6,9.3	8,11	16
4HQRPC	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
				6,9.3	8,11	16	
4J49Z4	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
				6,9.3	8,11	16,16	
4J6LHC	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
				6,9.3	8,11	16	
4JLMLD	Identifiler® Direct						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
				6,9.3	8,11	16	
4JM3PK	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
				6,9.3	8,11	16	
4L8LGM	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
				6,9.3	8,11	16	
4PD6LB	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
				6,9.3	8,11	16	

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

4TB9QC	Identifiler® Direct						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
4TBYQL	PowerPlex® Fusion						
	2	12,16.3	17,25	13,14	15,16	11,12	10,12
		12,13	13	18,20	10,13	9,11	13,16
		14,15.2	30,31.2	11,15	X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
4TK94R	PowerPlex® 16						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
4UYLRN	Identifiler® , MiniFiler						
	2	NT	17,25	NT	15,16	11,12	10,12
		12,13	NT	NT	10,13	9,11	13,16
		14,15.2	30,31.2	NT	X,Y	11,12	24
		NT	NT	NT	6,9.3	8,11	16
4WQYUL	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
4Z9N8Q	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
4ZTGX3	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
62VQ9W	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16

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

62XB9T	Identifiler®						
	2	-	17,25	-	15,16	11,12	10,12
		12,13	-	-	10,13	9,11	13,16
		14,15.2	30,31.2	-	X,Y	11,12	24,24
		-	-	-	6,9.3	8,11	16,16
63R2E8	Identifiler® Plus						
	2	-	17,25	-	15,16	11,12	10,12
		12,13	-	-	10,13	9,11	13,16
		14,15.2	30,31.2	-	X,Y	11,12	24
		-	-	-	6,9.3	8,11	16
66YTPE	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
6C47F4	PowerPlex® 16						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
6E8WLJ	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
6EQ7U6	PowerPlex® 16						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
6H7G6A	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
6JF8Q8	PowerPlex® Fusion						
	2	12,16.3	17,25	13,14	15,16	11,12	10,12
		12,13	13	18,20	10,13	9,11	13,16
		14,15.2	30,31.2	11,15	X,Y	11,12	24
		12	11,15		6,9.3	8,11	16

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

6KPGEX	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y 6,9.3	11,12 8,11	24 16
6L7D6C	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y 6,9.3	11,12 8,11	24,24 16,16
6V8FD	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y 6,9.3	11,12 8,11	24,24 16,16
6WJNHU	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y 6,9.3	11,12 8,11	24,24 16,16
6WPND9	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y 6,9.3	11,12 8,11	24 16
6XWEER	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y 6,9.3	11,12 8,11	24,24 16,16
6YBQ8V	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y 6,9.3	11,12 8,11	24 16
6ZMLPF	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y 6,9.3	11,12 8,11	24 16

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

72WQ36	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
732KFF	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
76HLU4	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
77KH47	Identifiler® Plus						
	2	-	17,25	-	15,16	11,12	10,12
		12,13	-	-	10,13	9,11	13,16
		14,15.2	30,31.2	-	X,Y	11,12	24
		-	-	-	6,9.3	8,11	16
782HHU	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
782R4Y	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
79BNMH	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
7B2XNW	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16

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

7E7GV6	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
7FVBJD	PowerPlex® PowerPlex® 21						
	2	12,16.3	17,25		15,16	11,12	10,12
		12,13		18,20	10,13	9,11	13,16
7GQ2KL	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
7HE32N	PowerPlex® 16						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
7JFAT2	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
7KBTWN	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
7KL9RW	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
7MD7KW	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16

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

7MV23X	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
7NDLWE	PowerPlex® PP21						
	2	12,16.3	17,25		15,16	11,12	10,12
		12,13		18,20	10,13	9,11	13,16
7NN6JC	Identifiler® Plus						
	2	-	17,25	-	15,16	11,12	10,12
		12,13	-	-	10,13	9,11	13,16
7NUMVA	Identifiler® Direct						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
7P2LQX	Identifiler® , MiniFiler						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
7PM2E2	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
7TN663	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
7V99M8	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16

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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7X2HXF	PowerPlex® 21						
	2	12,16.3	17,25		15,16	11,12	10,12
		12,13		18,20	10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
7XH9UZ	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
7ZZCFC	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
8384BX	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
83PUHX	PowerPlex® 16 HS						
	2	N/A	N/A	N/A	15,16	11,12	10,12
		12,13	N/A	N/A	10,13	9,11	13,16
		N/A	30,31.2	N/A	X,Y	11,12	24
84VNTM	Identifiler® Direct, Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
84ZW4W	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
877P99	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
				6,9.3	8,11	16	
				6,9.3	8,11	16	

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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88G9ZD	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
89DCH8	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
8A8ULU	Identifiler® Plus						
	2	NT	17,25	NT	15,16	11,12	10,12
		12,13	NT	NT	10,13	9,11	13,16
8BYLKZ	PowerPlex® 16 HS						
	2						
		12,13			10,13	9,11	13,16
8C72GK	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
8CCJ8B	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
8CDT7H	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
8DHP7C	Identifiler® Direct						
	2	-	17,25	-	15,16	11,12	10,12
		12,13	-	-	10,13	9,11	13,16

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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8EGMNY	PowerPlex® 16							
	2				15,16	11,12	10,12	
		12,13			10,13	9,11	13,16	
			30,31.2		X,Y	11,12	24	
8EHFL8	Identifiler®				6,9.3	8,11	16	
		2		17,25	15,16	11,12	10,12	
			12,13			10,13	9,11	13,16
			14,15.2	30,31.2		X,Y	11,12	24
8EXQCY	Identifiler® Plus				6,9.3	8,11	16	
		2		17,25	15,16	11,12	10,12	
			12,13			10,13	9,11	13,16
			14,15.2	30,31.2		X,Y	11,12	24,24
8GKH83	Life Technologies NGM SElect				6,9.3	8,11	16,16	
		2	12,16.3	17,25	13,14	15,16		
			12,13	13,13	18,20		9,11	13,16
			14,15.2	30,31.2	11,15	X,Y		24,24
8HZ7XA	Identifiler®			16,20	6,9.3		16,16	
		2		17,25	15,16	11,12	10,12	
			12,13			10,13	9,11	13,16
			14,15.2	30,31.2		X,Y	11,12	24
8J9K3V	Identifiler® Plus				6,9.3	8,11	16	
		2		17,25	15,16	11,12	10,12	
			12,13			10,13	9,11	13,16
			14,15.2	30,31.2		X,Y	11,12	24,24
8M92PK	Identifiler®				6,9.3	8,11	16,16	
		2		17,25	15,16	11,12	10,12	
			12,13			10,13	9,11	13,16
			14,15.2	30,31.2		X,Y	11,12	24,24
8MRYRJ	Identifiler® , MiniFiler				6,9.3	8,11	16,16	
		2	NT	17,25	NT	15,16	11,12	10,12
			12,13	NT	NT	10,13	9,11	13,16
			14,15.2	30,31.2	NT	X,Y	11,12	24
	NT	NT	NT	6,9.3	8,11	16		

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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8N9LC6	Identifiler® Identifiler Direct						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
8T2NF6	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
8U8Q44	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
8VQP8T	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
8XRMNM	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
8Y3HEL	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
8Y48MP	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
8Y4G9U	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16

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

8ZTUNQ	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
	12,13				10,13	9,11	13,16
934AW4	Identifiler® Plus						
	2		30,31.2		X,Y	11,12	24
	12		11,15		6,9.3	8,11	16
93C7Z2	Identifiler®						
	2		17,25		15,16	11,12	10,12
	12,13				10,13	9,11	13,16
96AVMN	PowerPlex® 16						
	2						
	12,13				10,13	9,11	13,16
98CBZ2	Identifiler® Plus						
	2		30,31.2		X,Y	11,12	24
	12		11,15		6,9.3	8,11	16
98W2XR	Identifiler®						
	2		17,25		15,16	11,12	10,12
	12,13				10,13	9,11	13,16
9AVEMD	Identifiler® Plus						
	2		30,31.2		X,Y	11,12	24
	14,15.2		11,15		6,9.3	8,11	16
9BDAJ7	Identifiler®						
	2		17,25		15,16	11,12	10,12
	12,13				10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
			14,15.2		6,9.3	8,11	16

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

9C4MTC	PowerPlex® Fusion						
	2	12,16.3	17,25	13,14	15,16	11,12	10,12
		12,13	13	18,20	10,13	9,11	13,16
		14,15.2	30,31.2	11,15	X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
9CR4D7	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
				6,9.3	8,11	16	
9D3F2H	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
				6,9.3	8,11	16,16	
9EDF3J	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
				6,9.3	8,11	16	
9EYGYE	PowerPlex® 21						
	2	12,16.3	17,25		15,16	11,12	10,12
		12,13		18,20	10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
		12,12	11,15		6,9.3	8,11	16,16
9G3MKU	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
				6,9.3	8,11	16	
9GFGNN	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
				6,9.3	8,11	16,16	
9K36CU	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		M	11,12	24,24
				6,9.3	8,11	16,16	

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

9TPAYZ	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
9TV72K	Identifiler® Plus						
	2	-	17,25	-	15,16	11,12	10,12
		12,13	-	-	10,13	9,11	13,16
9U7DZ8	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
9VKAE6	Identifiler® Identifiler Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
9YJEE6	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
A4D6A3	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
A7CM3N	PowerPlex® HS						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
A87BJX	PowerPlex® 16						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16

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

AB8F3K	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
AB8GY4	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
AE8KUW	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
AEU7L	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
AGC8D3	Identifiler® Plus						
	2	-	17,25	-	15,16	11,12	10,12
		12,13			10,13	9,11	13,16
AGVPD9	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
AJKYNA	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
AKQZ93	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16

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

ALQE28	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
AMJPYA	Identifiler® Plus						
	2	-	17,25	-	15,16	11,12	10,12
		12,13	-	-	10,13	9,11	13,16
		14,15.2	30,31.2	-	X,Y	11,12	24,24
		-	-	-	6,9.3	8,11	16,16
ATWKP7	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
AW46EX	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
B3C34B	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
B3QE4M	Profiler® Plus						
	2				15,16	11,12	10,12
		12,13			10,13		13,16
			30,31.2		X,Y		24,24
							16,16
B46DJA	PowerPlex® 21						
	2	12,16.3	17,25		15,16	11,12	10,12
		12,13		18,20	10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
		12,12	11,15		6,9.3	8,11	16,16
B498DW	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16

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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B4J6A2	Identifiler® Plus						
	2	-	17,25	-	15,16	11,12	10,12
		12,13	-	-	10,13	9,11	13,16
		14,15.2	30,31.2	-	X,Y	11,12	24
		-	-	-	6,9.3	8,11	16
B8L7CJ	PowerPlex® Fusion						
	2	12,16.3	17,25	13,14	15,16	11,12	10,12
		12,13	13	18,20	10,13	9,11	13,16
		14,15.2	30,31.2	11,15	X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
B8N8FB	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
BAPR9W	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
BBL8KT	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
BBQDB4	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
BBQHMR	Identifiler® AmpFISTR						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
BE68UG	PowerPlex® Fusion						
	2	12,16.3	17,25	13,14	15,16	11,12	10,12
		12,13	13	18,20	10,13	9,11	13,16
		14,15.2	30,31.2	11,15	X,Y	11,12	24
		12	11,15		6,9.3	8,11	16

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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BE6FTT	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
BGEXXW	Identifiler® Identifiler Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
BH44G9	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
BH9G3J	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
BHNCEX	PowerPlex® 16						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
BKUW3X	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
BQX8MQ	Identifiler® Plus, MiniFiler						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
BRRC96	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16

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

BTND62	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y 6,9.3	11,12 8,11	24 16
BTZTYN	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y 6,9.3	11,12 8,11	24 16
BUL9MR	PowerPlex® Fusion						
	2	12,16.3	17,25	13,14	15,16	11,12	10,12
		12,13	13,13	18,20	10,13	9,11	13,16
		14,15.2	30,31.2	11,15	X,Y 6,9.3	11,12 8,11	24,24 16,16
BUYUZA	PowerPlex® Fusion						
	2	12,16.3	17,25	13,14	15,16	11,12	10,12
		12,13	13	18,20	10,13	9,11	13,16
		14,15.2	30,31.2	11,15	X,Y 6,9.3	11,12 8,11	24 16
BYCREN	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y 6,9.3	11,12 8,11	24,24 16,16
BYW4LA	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y 6,9.3	11,12 8,11	24 16
BZR88A	PowerPlex® 21						
	2	12,16.3	17,25		15,16	11,12	10,12
		12,13		18,20	10,13	9,11	13,16
		14,15.2	30,31.2		X,Y 6,9.3	11,12 8,11	24,24 16,16
BZT6H7	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y 6,9.3	11,12 8,11	24,24 16,16

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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BZZ9NW	Identifiler® , PowerPlex® , NGM-SELECT						
	2	12,16.3	17,25	13,14	15,16	11,12	10,12
		12,13	13	18,20	10,13	9,11	13,16
		14,15.2	30,31.2	11,15	X,Y	11,12	24
		12	11,15	16,20	6,9.3	8,11	16
C3QKB9	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
CA3YHH	PowerPlex® 16						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
CA6HNU	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
CBH3JP	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
CCEHVL	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
CCJTXK	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
CDMTP6	Identifiler® Plus						
	2	-	17,25	-	15,16	11,12	10,12
		12,13	-	-	10,13	9,11	13,16
		14,15.2	30,31.2	-	X,Y	11,12	24,24
		-	-	-	6,9.3	8,11	16,16

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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CFVYAK	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
				6,9.3	8,11	16	
CHFR4Z	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
				6,9.3	8,11	16,16	
CJPVJJ	PowerPlex® PP21						
	2	12,16.3	17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
CLL632	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
				6,9.3	8,11	16,16	
CQ2JY9	PowerPlex® 18 Direct						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
CQUNZU	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
				6,9.3	8,11	16,16	
CRKUEY	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
				6,9.3	8,11	16,16	
CVQ3WW	PowerPlex® 16						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16

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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CX9JTG	Identifiler® , PowerPlex® 16 HS, NGM Select						
	2	12,16.3	17,25	13,14	15,16	11,12	10,12
		12,13	13,13	18,20	10,13	9,11	13,16
		14,15.2	30,31.2	11,15	X,Y	11,12	24,24
		12,12	11,15	16,20	6,9.3	8,11	16,16
D288TP	Identifiler® Plus, PowerPlex® 16, MiniFiler						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
D4CTMG	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
D7KYB3	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
D8EJ9B	Identifiler® , PowerPlex®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
		12,12	11,15		6,9.3	8,11	16,16
DAM8QR	Identifiler® Plus						
	2	-	17,25	-	15,16	11,12	10,12
		12,13	-	-	10,13	9,11	13,16
		14,15.2	30,31.2	-	X,Y	11,12	24,24
		-	-	-	6,9.3	8,11	16,16
DBV4UQ	Identifiler® Plus, PowerPlex® PP16 HS, CS7-ESX						
	2	12,16.3	17,25	13,14	15,16	11,12	10,12
		12,13	13	18,20	10,13	9,11	13,16
		14,15.2	30,31.2	11,15	X,Y	11,12	24
		12	11,15	16,20	6,9.3	8,11	16
DD62CE	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16

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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DDNU8W	PowerPlex® 16						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
DDYWQA	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
DEUEUW	PowerPlex® Fusion						
	2	12,16.3	17,25	13,14	15,16	11,12	10,12
		12,13	13	18,20	10,13	9,11	13,16
		14,15.2	30,31.2	11,15	X,Y	11,12	24
DGJLBM	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
DJEH49	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
DJMGWB	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
DKLJNZ	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
DMVDW8	Identifiler® , MiniFiler						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
				6,9.3	8,11	16	
				6,9.3	8,11	16	

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

DN3X6F	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
				6,9.3	8,11	16	
DNMYG3	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
				6,9.3	8,11	16,16	
DPEQ4N	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24,24
		12,12	11,15		6,9.3	8,11	16,16
DPXKT6	Identifiler® Plus, MiniFiler						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
				6,9.3	8,11	16,16	
DRK28J	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
				6,9.3	8,11	16,16	
DRNMZD	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
				6,9.3	8,11	16,16	
DTHVY3	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
				6,9.3	8,11	16	
DVJMRU	PowerPlex® 16 HS, ESX17						
	2	12,16.3	17,25	13,14	15,16	11,12	10,12
		12,13	13	18,20	10,13	9,11	13,16
		14,15.2	30,31.2	11,15	X,Y	11,12	24
		12	11,15	16,20	6,9.3	8,11	16

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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DVZL6R	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
DX9T9K	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
E23AZ6	PowerPlex® Fusion						
	2	12,16.3	17,25	13,14	15,16	11,12	10,12
		12,13	13	18,20	10,13	9,11	13,16
		14,15.2	30,31.2	11,15	X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
E7HNWC	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
E7YD6B	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
E8HR22	PowerPlex® 21						
	2	12,16.3	17,25		15,16	11,12	10,12
		12,13		18,20	10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
		12,12	11,15		6,9.3	8,11	16,16
E8U7AP	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
E9NZNL	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16

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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E9NZQ7	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y 6,9.3	11,12 8,11	24 16
EBBQYQ	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y 6,9.3	11,12 8,11	24 16
EBW792	Identifiler® Plus						
	2	Not Tested	17,25	Not Tested	15,16	11,12	10,12
		12,13	Not Tested	Not Tested	10,13	9,11	13,16
		14,15.2	30,31.2	Not Tested	X,Y 6,9.3	11,12 8,11	24,24 16,16
ECN9TV	PowerPlex® Fusion						
	2	12,16.3	17,25	13,14	15,16	11,12	10,12
		12,13	13	18,20	10,13	9,11	13,16
		14,15.2	30,31.2	11,15	X,Y 6,9.3	11,12 8,11	24 16
EDKBUY	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y 6,9.3	11,12 8,11	24 16
EEU992	PowerPlex® 21						
	2	12,16.3	17,25		15,16	11,12	10,12
		12,13		18,20	10,13	9,11	13,16
		14,15.2	30,31.2		X,Y 6,9.3	11,12 8,11	24,24 16,16
EKGHHT	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y 6,9.3	11,12 8,11	24,24 16,16
EKNF4Q	Identifiler® , Identifiler Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y 6,9.3	11,12 8,11	24 16

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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ELDXUP	Identifiler® Identifiler Plus						
	2	NT	17,25	NT	15,16	11,12	10,12
		12,13	NT	NT	10,13	9,11	13,16
		14,15.2	30,31.2	NT	X,Y	11,12	24
		NT	NT	NT	6,9.3	8,11	16
ELFFZ2	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
ELH9WN	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
ELVYKY	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
ER6Z4G	PowerPlex® HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
ETDTTU	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
ETGT26	PowerPlex® 16						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
EVH6AP	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16

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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EWDNDC	Identifiler® Plus, MiniFiler						
	2	NA	17,25	NA	15,16	11,12	10,12
		12,13	NA	NA	10,13	9,11	13,16
		14,15.2	30,31.2	NA	X,Y	11,12	24,24
		NA	NA	NA	6,9.3	8,11	16,16
EWEC33	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
				6,9.3	8,11	16,16	
EWMJM	PowerPlex® Fusion						
	2	12,16.3	17,25	13,14	15,16	11,12	10,12
		12,13	13,13	18,20	10,13	9,11	13,16
		14,15.2	30,31.2	11,15	X,Y	11,12	24,24
		12,12	11,15		6,9.3	8,11	16,16
EX7LX	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
				6,9.3	8,11	16	
EY2MKZ	Identifiler® ID Direct						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
				6,9.3	8,11	16	
EYJY8	PowerPlex® PowerPlex® 16						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
	12	11,15		6,9.3	8,11	16	
F2HQUX	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
				6,9.3	8,11	16	
F2JN49	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
				6,9.3	8,11	16	

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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F3ZQ3U	PowerPlex® ESI-16						
	2	12,16.3	17,25	13,14	15,16	-	-
		12,13	13,13	18,20	-	9,11	13,16
		14,15.2	30,31.2	11,15	X,Y	-	24,24
		-	-	-	6,9.3	-	16,16
F67A6W	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
F7FJBT	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
F9KVQN	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
F9P2GY	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
F9P7TL	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
F9Z24T	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
FB9CYB	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16

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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FBRCX	PowerPlex® 21						
	2	12,16.3	17,25		15,16	11,12	10,12
		12,13		18,20	10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
		12,12	11,15		6,9.3	8,11	16,16
FC6HP3	Identifiler® Plus						
	2	N/A	17,25	N/A	15,16	11,12	10,12
		12,13	N/A	N/A	10,13	9,11	13,16
		14,15.2	30,31.2	N/A	X,Y	11,12	24,24
		N/A	N/A	N/A	6,9.3	8,11	16,16
FDD336	PowerPlex® Fusion						
	2	12,16.3	17,25	13,14	15,16	11,12	10,12
		12,13	13	18,20	10,13	9,11	13,16
		14,15.2	30,31.2	11,15	X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
FE7AMM	Identifiler® Plus, MiniFiler						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
FGWF6Y	Identifiler®						
	2	-	17,25	-	15,16	11,12	10,12
		12,13	-	-	10,13	9,11	13,16
		14,15.2	30,31.2	-	X,Y	11,12	24,24
		-	-	-	6,9.3	8,11	16,16
FH9P3K	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
FNWUTK	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
FPP8FT	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16

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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FRDUWM	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
FRNP78	PowerPlex® 16 HS, NGM SElect						
	2	12,16.3	17,25	13,14	15,16	11,12	10,12
		12,13	13	18,20	10,13	9,11	13,16
		14,15.2	30,31.2	11,15	X,Y	11,12	24
		12	11,15	16,20	6,9.3	8,11	16
FVXAF8	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
FX47U4	Identifiler® Plus, MiniFiler						
	2	-	17,25	-	15,16	11,12	10,12
		12,13	-	-	10,13	9,11	13,16
		14,15.2	30,31.2	-	X,Y	11,12	24,24
		-	-	-	6,9.3	8,11	16,16
FYZBWR	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
FZAMB9	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
G2E4RV	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
G3TXRY	Identifiler® , MiniFiler						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16

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

G7U63N	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
	12,13				10,13	9,11	13,16
G86RYH	PowerPlex® 16						
	2		30,31.2		X,Y	11,12	24
	12		11,15		6,9.3	8,11	16
G8NU6W	COfiler® and Profiler Plus®						
	2				15,16	11,12	10,12
	12,13				10,13	9,11	13,16
G8THYA	Identifiler® Plus						
	2		17,25		X,Y	11,12*	24
	12,13				10,13	9,11	13,16
GB9MHK	Identifiler® Plus						
	2		17,25		X,Y	11,12	24
	12,13				10,13	9,11	13,16
GCXZH	Identifiler®						
	2		17,25		X,Y	11,12	24
	12,13				10,13	9,11	13,16
GE9ELW	Identifiler® Direct						
	2		17,25		X,Y	11,12	24
	12,13				10,13	9,11	13,16
GEMB3G	Identifiler® Plus						
	2		17,25		X,Y	11,12	24
	12,13				10,13	9,11	13,16

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

GHNTA3	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
				6,9.3	8,11	16	
GJ2QR9	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
				6,9.3	8,11	16,16	
GJG44Y	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
				6,9.3	8,11	16,16	
GJHZCA	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
				6,9.3	8,11	16	
GL4TCH	PowerPlex® 16						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
GLK4YP	Identifiler® Plus						
	2	-	17,25	-	15,16	11,12	10,12
		12,13	-	-	10,13	9,11	13,16
		14,15.2	30,31.2	-	X,Y	11,12	24
		-	-	-	6,9.3	8,11	16
GLTRUQ	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
GMYCGQ	PowerPlex® 16 HS						
	2	N/A	N/A	N/A	15,16	11,12	10,12
		12,13	N/A	N/A	10,13	9,11	13,16
		N/A	30,31.2	N/A	X,Y	11,12	24
		12	11,15	N/A	6,9.3	8,11	16

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

GNE9U4	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
GP6YUV	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
GPKC4Z	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
GQXRNT	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
GRCCG3	Identifiler® , MiniFiler						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
GTPQ4C	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
GWPKQ2	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
GXF6K7	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16

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

GXKD28	PowerPlex® 16						
	2				15,16	11,12	10,12
	12,13				10,13	9,11	13,16
	12		30,31.2		X,Y	11,12	24
GZ3Q9M	PowerPlex® 16						
	2				15,16	11,12	10,12
	12,13				10,13	9,11	13,16
	12		30,31.2		X,Y	11,12	24
H2ER4M	Identifiler® Identifiler Plus						
	2		17,25		15,16	11,12	10,12
	12,13				10,13	9,11	13,16
	14,15.2		30,31.2		X,Y	11,12	24
H2U3P9	Identifiler®						
	2		17,25		15,16	11,12	10,12
	12,13				10,13	9,11	13,16
	14,15.2		30,31.2		X,Y	11,12	24
H42KLH	PowerPlex® Fusion						
	2	12,16.3	17,25	13,14	15,16	11,12	10,12
	12,13		13	18,20	10,13	9,11	13,16
	14,15.2		30,31.2	11,15	X,Y	11,12	24
H4MY8F	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
	12,13				10,13	9,11	13,16
	14,15.2		30,31.2		X,Y	11,12	24
H74KMF	Identifiler® , MiniFiler						
	2		17,25		15,16	11,12	10,12
	12,13				10,13	9,11	13,16
	14,15.2		30,31.2		X,Y	11,12	24,24
H7LEGX	PowerPlex® 21						
	2	12,16.3	17,25	NT	15,16	11,12	10,12
	12,13		NT	18,20	10,13	9,11	13,16
	14,15.2		30,31.2	NT	X,Y	11,12	24,24
		12,12	11,15	NT	6,9.3	8,11	16,16

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

H7UWKA	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
HCW43X	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
HFGVBE	PowerPlex® 16						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
HH72UQ	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
HKAWDU	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
HPHUP2	Identifiler® Identifiler Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
HQD9HL	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
HQW9BP	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16

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

HR6GHP	PowerPlex® 16						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
HUCC2D	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
HV737R	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
HWMPUV	PowerPlex® 16 HS						
	2	N/A	N/A	N/A	15,16	11,12	10,12
		12,13	N/A	N/A	10,13	9,11	13,16
		N/A	30,31.2	N/A	X,Y	11,12	24
HYEJXR	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
HZ4Y28	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
HZ7JV3	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
J7NYP4	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
				6,9.3	8,11	16	
				6,9.3	8,11	16	

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

J8DWW6	PowerPlex® 16-HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
J8GNER	PowerPlex® 16						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
JA9UQB	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
JDQ7BY	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
JHDYF8	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
JJD26B	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
JJTPFX	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
JJUMQT	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16

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

JMDGRZ	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
JQ9DBZ	Identifiler® Plus						
	2	-	17,25	-	15,16	11,12	10,12
		12,13	-	-	10,13	9,11	13,16
		14,15.2	30,31.2	-	X,Y	11,12	24,24
		-	-	-	6,9.3	8,11	16,16
JTZECCG	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
JUBUKU	PowerPlex® 21						
	2	12,16.3	17,25		15,16	11,12	10,12
		12,13		18,20	10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
		12,12	11,15		6,9.3	8,11	16,16
JUVUNE	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
JWW3Q4	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
JXEZ9V	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
K2MWYN	PowerPlex® Fusion						
	2	12,16.3	17,25	13,14	15,16	11,12	10,12
		12,13	13	18,20	10,13	9,11	13,16
		14,15.2	30,31.2	11,15	X,Y	11,12	24
		12	11,15		6,9.3	8,11	16

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

K3JQXY	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y 6,9.3	11,12 8,11	24,24 16,16
K3WTH8	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y 6,9.3	11,12 8,11	24 16
K4F7AW	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y 6,9.3	11,12 8,11	24 16
K7FY3N	PowerPlex® 16						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y 6,9.3	11,12 8,11	24 16
K7GR3G	Identifiler® Plus, MiniFiler						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y 6,9.3	11,12 8,11	24 16
K7NRCX	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y 6,9.3	11,12 8,11	24,24 16,16
K8VZCH	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y 6,9.3	11,12 8,11	24 16
K97XLT	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y 6,9.3	11,12 8,11	24 16

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

KAZVPT	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
KBP286	PowerPlex® 16 HS						
	2		30,31.2		X,Y	11,12	24
		14,15.2			6,9.3	8,11	16
KF84MB	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
KF8C9F	Identifiler® Identifiler Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
KFMNT7	PowerPlex® 16						
	2		30,31.2		X,Y	11,12	24
		14,15.2			6,9.3	8,11	16
KFT764	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
KKVYXT	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
KML83N	Goldeneye 20A						
	2		17,25		15,16	11,12	10,12
		12,13			18,20	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
		12,12	11,15		6,9.3	8,11	16,16

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

KMP7GB	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
KNJWMQ	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		14,15.2	30,31.2		X,Y	11,12	24,24
KPEDYM	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		14,15.2	30,31.2		X,Y	11,12	24,24
KPXL7P	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		14,15.2	30,31.2		X,Y	11,12	24,24
KQ8WW2	PowerPlex® 16						
	2				15,16	11,12	10,12
		12	11,15		6,9.3	8,11	16
KQ9VPA	PowerPlex® HS						
	2				15,16	11,12	10,12
		12	11,15		6,9.3	8,11	16
KTVWL3	Identifiler®						
	2		17,25		15,16	11,12	10,12
		14,15.2	30,31.2		X,Y	11,12	24
KTX29L	PowerPlex® 16						
	2				15,16	11,12	10,12
		12	11,15		6,9.3	8,11	16

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

KVLD8Q	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
KVM76Y	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
KYXBNL	Identifiler® Plus						
	2		17,25		15,16	24,24	10,12
		12,13			10,13	9,11	13,16
L28NY2	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
L3FXTJ	PowerPlex® PP16 HS						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
L3HJMD	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
L4N98A	PowerPlex® 16						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
L7DKH2	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16

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

LAGANF	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y 6,9.3	11,12 8,11	24 16
LC3WJN	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y 6,9.3	11,12 8,11	24,24 16,16
LCXN3N	PowerPlex® Fusion						
	2	12,16.3	17,25	13,14	15,16	11,12	10,12
		12,13	13	18,20	10,13	9,11	13,16
		14,15.2	30,31.2	11,15	X,Y 6,9.3	11,12 8,11	24 16
LEMXCP	PowerPlex® Fusion						
	2	12,16.3	17,25	13,14	15,16	11,12	10,12
		12,13	13	18,20	10,13	9,11	13,16
		14,15.2	30,31.2	11,15	X,Y 6,9.3	11,12 8,11	24 16
LFPYJN	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y 6,9.3	11,12 8,11	24,24 16,16
LHQJC9	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y 6,9.3	11,12 8,11	24 16
LJZEB	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y 6,9.3	11,12 8,11	24,24 16,16
LJKEQ6	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y 6,9.3	11,12 8,11	24 16

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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LJZQDG	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
LKFQUK	PowerPlex® 16						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
LKUJ38	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
LLBL4E	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
LP6GU2	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
LRENU9	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
LRZZXM	PowerPlex® 16						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
LT4X3N	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16

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

LTR83K	PowerPlex® 16						
	2				15,16	11,12	10,12
	12,13				10,13	9,11	13,16
	12		30,31.2		X,Y	11,12	24
LUNMEG	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
	12,13				10,13	9,11	13,16
	12		30,31.2		X,Y	11,12	24
LV9QU2	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
	12,13				10,13	9,11	13,16
	12		30,31.2		X,Y	11,12	24
LYZRMP	Identifiler® Direct						
	2				15,16	11,12	10,12
	12,13				10,13	9,11	13,16
	14,15.2		30,31.2		X,Y	11,12	24
LZUABR	Identifiler® Plus						
	2				15,16	11,12	10,12
	12,13				10,13	9,11	13,16
	14,15.2		30,31.2		X,Y	11,12	24
M2J3K2	Identifiler®						
	2				15,16	11,12	10,12
	12,13				10,13	9,11	13,16
	14,15.2		30,31.2		X,Y	11,12	24
M2V6G	Identifiler® Plus, PowerPlex® 16						
	2				15,16	11,12	10,12
	12,13				10,13	9,11	13,16
	14,15.2		30,31.2		X,Y	11,12	24
M4PXAQ	Identifiler®						
	2				15,16	11,12	10,12
	12,13				10,13	9,11	13,16
	14,15.2		30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16

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

M9GJAK	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
				6,9.3	8,11	16,16	
MBKETN	PowerPlex® 16 HS						
	2	N/A	N/A	N/A	15,16	11,12	10,12
		12,13	N/A	N/A	10,13	9,11	13,16
		N/A	30,31.2	N/A	X,Y	11,12	24
	12	11,15	N/A	6,9.3	8,11	16	
MBL8PB	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
				6,9.3	8,11	16,16	
MCLX47	Identifiler® Identifiler Plus, PowerPlex® PP18D						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
	12	11,15		6,9.3	8,11	16	
MCYNWW	Identifiler® Plus						
	2	-	17,25	-	15,16	11,12	10,12
		12,13	-	-	10,13	9,11	13,16
		14,15.2	30,31.2	-	X,Y	11,12	24
	-	-	-	6,9.3	8,11	16	
ME3JFZ	Identifiler® , PowerPlex®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
	12	11,15		6,9.3	8,11	16	
MFJE2D	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
				6,9.3	8,11	16,16	
MH9KJN	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
				6,9.3	8,11	16	

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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MJJUM3	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
MJKDHW	PowerPlex® 21						
	2	12,16.3	17,25		15,16	11,12	10,12
		12,13		18,20	10,13	9,11	13,16
MKR3RF	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
MLPEB3	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
MNXTCV	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
MPA6YL	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
MPMREE	PowerPlex® Fusion						
	2	12,16.3	17,25	13,14	15,16	11,12	10,12
		12,13	13,13	18,20	10,13	9,11	13,16
MQMU4J	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16

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

MRT9KX	Identifiler® Direct						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
MT7EZR	PowerPlex® PowerPlex® 21						
	2	12,16.3	17,25		15,16	11,12	10,12
		12,13		18,20	10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
		12,12	11,15		6,9.3	8,11	16,16
MTB724	PowerPlex® Fusion						
	2	12,16.3	17,25	13,14	15,16	11,12	10,12
		12,13	13	18,20	10,13	9,11	13,16
		14,15.2	30,31.2	11,15	X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
MTZT37	Identifiler® , MiniFiler						
	2	NT	17,25	NT	15,16	11,12	10,12
		12,13	NT	NT	10,13	9,11	13,16
		14,15.2	30,31.2	NT	X,Y	11,12	24
		NT	NT	NT	6,9.3	8,11	16
MUGXMP	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
MXZPZD	PowerPlex® 16						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
MYCQH7	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
MZ7EYF	Identifiler® Plus						
	2	NT	17,25	NT	15,16	11,12	10,12
		12,13	NT	NT	10,13	9,11	13,16
		14,15.2	30,31.2	NT	X,Y	11,12	24
		NT	NT	NT	6,9.3	8,11	16

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

MZPCEL	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y 6,9.3	11,12 8,11	24,24 16,16
N2ZQRE	Identifiler® Plus						
	2	N/A	17,25	N/A	15,16	11,12	10,12
		12,13	N/A	N/A	10,13	9,11	13,16
		14,15.2	30,31.2	N/A	X,Y 6,9.3	11,12 8,11	24,24 16,16
N38PM3	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y 6,9.3	11,12 8,11	24 16
N4L66B	PowerPlex® 16						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y 6,9.3	11,12 8,11	24 16
NC8KFR	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y 6,9.3	11,12 8,11	24,24 16,16
NCDP4G	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y 6,9.3	11,12 8,11	24,24 16,16
ND8WJT	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y 6,9.3	11,12 8,11	24 16
NDDFHC	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y 6,9.3	11,12 8,11	24,24 16,16

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

NEJ27C	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
NEXLLF	NGM SElect						
	2	12,16.3	17,25	13,14	15,16		
		12,13	13,13	18,20		9,11	13,16
		14,15.2	30,31.2	11,15	X,Y		24,24
				16,20	6,9.3		16,16
NFVXD3	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
NGPLUC	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
NKPNV8	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
NMVZY3	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
NMYAMY	PowerPlex® PP21						
	2	12,16.3	17,25		15,16	11,12	10,12
		12,13		18,20	10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
		12,12	11,15		6,9.3	8,11	16,16
NQBPZQ	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16

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

NQCRKP	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
NRTLNJ	PowerPlex® 16						
	2				X,Y	11,12	24,24
		14,15.2	30,31.2		6,9.3	8,11	16,16
NT2VH3	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
NTK6HB	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		14,15.2	30,31.2		X,Y	11,12	24
NUVQWX	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
NWEW49	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		14,15.2	30,31.2		X,Y	11,12	24,24
P2BH9H	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
P6CMJG	PowerPlex® 16						
	2				X,Y	11,12	24
		12	11,15		6,9.3	8,11	16

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

P73XAA	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y 6,9.3	11,12 8,11	24 16
P74CU3	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y 6,9.3	11,12 8,11	24 16
P9W2JP	PowerPlex® 21						
	2	12,16.3	17,25		15,16	11,12	10,12
		12,13		18,20	10,13	9,11	13,16
		14,15.2	30,31.2		X,Y 6,9.3	11,12 8,11	24,24 16,16
PD7QVQ	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y 6,9.3	11,12 8,11	24 16
PDMEZJ	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y 6,9.3	11,12 8,11	24,24 16,16
PEYNW7	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y 6,9.3	11,12 8,11	24,24 16,16
PHRWW7	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y 6,9.3	11,12 8,11	24 16
PJP7AW	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y 6,9.3	11,12 8,11	24 16

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

PLBUKW	Identifiler® Plus						
	2	-	17,25	-	15,16	11,12	10,12
		12,13	-	-	10,13	9,11	13,16
		14,15.2	30,31.2	-	X,Y	11,12	24
		-	-	-	6,9.3	8,11	16
PNQZHY	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
PNZ4UX	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
PQABXQ	COfiler® and Profiler Plus® , Identifiler® , MiniFiler						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
PQBYKV	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
PR6Z9Y	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
PTLRPV	Identifiler® , MiniFiler						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
PWDACL	PowerPlex® Fusion						
	2	12,16.3	17,25	13,14	15,16	11,12	10,12
		12,13	13	18,20	10,13	9,11	13,16
		14,15.2	30,31.2	11,15	X,Y	11,12	24
		12	11,15		6,9.3	8,11	16

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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PY6PZG	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
				6,9.3	8,11	16,16	
PYPTQP	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
				6,9.3	8,11	16,16	
PYX482	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
Q7YLC7	PowerPlex® HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
Q7YNZP	Identifiler® Plus, MiniFiler						
	2	Not tested	17,25	Not tested	15,16	11,12	10,12
		12,13	Not tested	Not tested	10,13	9,11	13,16
		14,15.2	30,31.2	Not tested	X,Y	11,12	24,24
		Not tested	Not tested	Not tested	6,9.3	8,11	16,16
Q89TDD	PowerPlex® 16						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
Q8BDDA	Identifiler® Plus, MiniFiler						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
				6,9.3	8,11	16	
Q8TE2W	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
				6,9.3	8,11	16	

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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Q9PTUG	PowerPlex® 16						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
QBXXAQ	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
QCBXHY	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
QDK6J8	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
QFP8H4	PowerPlex® HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
QGJ3WZ	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
QL8PMY	GlobalFiler						
	2	12,16.3	17,25	13,14	15,16	11,12	10,12
		12,13	13,13	18,20	10,13	9,11	13,16
		14,15.2	30,31.2	11,15	X,Y	11,12	24,24
QM9TMM	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
				6,9.3	8,11	16,16	

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

QQKKAN	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
QQN64H	PowerPlex® 16						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
QQRTXV	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
QRJN86	PowerPlex® PP16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
QT2XFQ	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
QU4NVY	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
QX29ZJ	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
QYJD29	PowerPlex® 16						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16

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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QZHE4U	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
R272NF	PowerPlex® 16 HS						
	2	-	-	-	15,16	11,12	10,12
		12,13			10,13	9,11	13,16
R2KX3E	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
R3BKFW	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
R3DDBJ	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
R6KZBN	PowerPlex® PP21						
	2	12,16.3	17,25		15,16	11,12	10,12
		12,13		18,20	10,13	9,11	13,16
R7UTPH	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
R7XJBK	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16

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

R9H3YJ	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
RADWBT	Identifiler® Plus						
	2	-	17,25	-	15,16	11,12	10,12
		12,13	-	-	10,13	9,11	13,16
		14,15.2	30,31.2	-	X,Y	11,12	24
		-	-	-	6,9.3	8,11	16
RAKLAZ	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
RC27LU	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
RERP88	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
REVV4F	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
RJ9ELX	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
RLM96B	Identifiler® , Identifiler Plus, PowerPlex® 16, PowerPlex® 16 HS, MiniFiler						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16

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

RM394C	Identifiler® Plus						
	2	N/A	17,25	N/A	15,16	11,12	10,12
		12,13	N/A	N/A	10,13	9,11	13,16
		14,15.2	30,31.2	N/A	X,Y	11,12	24,24
		N/A	N/A	N/A	6,9.3	8,11	16,16
RNHWFJ	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
RNVMBV	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
RPQHDD	Identifiler® Plus						
	2	-	17,25	-	15,16	11,12	10,12
		12,13	-	-	10,13	9,11	13,16
		14,15.2	30,31.2	-	X,Y	11,12	24,24
		-	-	-	6,9.3	8,11	16,16
RRDT24	PowerPlex® HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
RUZEPK	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
RVCW3Y	PowerPlex® 21						
	2	12,16.3	17,25	-	15,16	11,12	10,12
		12,13	-	18,20	10,13	9,11	13,16
		14,15.2	30,31.2	-	X,Y	11,12	24,24
		12,12	11,15	-	6,9.3	8,11	16,16
RVY7B8	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16

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

RWBYUN	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
RXJJCW	PowerPlex® 16 HS						
	2		30,31.2		X,Y	11,12	24,24
		14,15.2			6,9.3	8,11	16,16
RZJJCW	PowerPlex® 16 HS						
	2		30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
RYVRK3	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
RZN444	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
T2JGNF	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
T3BJ9A	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
T42DLY	COfiler® and Profiler Plus® , Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
T4RYW7	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16

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

T7R4GE	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
T8N6HG	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		14,15.2	30,31.2		X,Y	11,12	24,24
TATA6	Identifiler®						
	2		17,25		15,16	11,12	10,12
		14,15.2	30,31.2		X,Y	11,12	24
TAX6MN	Identifiler®						
	2		17,25		15,16	11,12	10,12
		14,15.2	30,31.2		X,Y	11,12	24,24
TB6YAU	Identifiler®						
	2		17,25		15,16	11,12	10,12
		14,15.2	30,31.2		X,Y	11,12	24
TBKAVF	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		14,15.2	30,31.2		X,Y	11,12	24,24
TC3A3C	PowerPlex® 16						
	2				15,16	11,12	10,12
		12	11,15		6,9.3	8,11	16
TDFY9A	Identifiler®						
	2		17,25		15,16	11,12	10,12
		14,15.2	30,31.2		X,Y	11,12	24,24

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

TJ2PWQ	PowerPlex® 16						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
TJKPPU		12	11,15		6,9.3	8,11	16
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
TJUUXC	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
TJWJ7F	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
TKCQL7	Profiler® Plus						
	2				15,16	11,12	10,12
		12,13			10,13		13,16
			30,31.2		X,Y		24,24
TKWDDZ	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
TL36UF	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
TL7GRK	Identifiler® Plus						
	2	-	17,25	-	15,16	11,12	10,12
		12,13	-	-	10,13	9,11	13,16
		14,15.2	30,31.2	-	X,Y	11,12	24
		-	-	-	6,9.3	8,11	16

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

TLKZE3	Profiler® Plus						
	2				15,16	11,12	10,12
		12,13			10,13		13,16
			30,31.2		X,Y		24,24
							16,16
TMFNTR	Identifiler® Plus						
	2	-	17,25	-	15,16	11,12	10,12
		12,13	-	-	10,13	9,11	13,16
		14,15.2	30,31.2	-	X,Y	11,12	24
		-	-	-	6,9.3	8,11	16
TMYK6R	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
				6,9.3	8,11	16	
TN9FWB	PowerPlex® PP16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
TPL9GR	Identifiler® Plus						
	2	-	17,25	-	15,16	11,12	10,12
		12,13	-	-	10,13	9,11	13,16
		14,15.2	30,31.2	-	X,Y	11,12	24
		-	-	-	6,9.3	8,11	16
TQLDJL	PowerPlex® 21						
	2	12,16.3	17,25		15,16	11,12	10,12
		12,13		18,20	10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
		12,12	11,15		6,9.3	8,11	16,16
TQMBUH	COfiler® and Profiler Plus® Profiler® Plus, Identifiler® Plus, Y-filer, MiniFiler						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
				6,9.3	8,11	16	
TRU6GN	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
				6,9.3	8,11	16	

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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TUJEP4	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
TXLCZW	NGM SElect						
	2	12,16.3	17,25	13,14	15,16		
		12,13	13,13	18,20		9,11	13,16
		14,15.2	30,31.2	11,15	X,Y		24,24
				16,20	6,9.3		16,16
TYBHH9	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
TZ4PKK	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
U4W4FK	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
U4X2NV	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
U6QUJE	Identifiler® Plus						
	2	-	17,25	-	15,16	11,12	10,12
		12,13	-	-	10,13	9,11	13,16
		14,15.2	30,31.2	-	X,Y	11,12	24
		-	-	-	6,9.3	8,11	16
U7MBVB	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16

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

U8G22P	Identifiler® Plus						
	2	-	17,25	-	15,16	11,12	10,12
		12,13	-	-	10,13	9,11	13,16
		14,15.2	30,31.2	-	X,Y	11,12	24
		-	-	-	6,9.3	8,11	16
U8MLV7	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
U92GTE	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
U9DTDG	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
UA7B44	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
UCFB9B	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
UCVKD6	PowerPlex® 16						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
UFB2MA	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16

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

UGMZDC	Identifiler® , MiniFiler 2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
UGR9UC	PowerPlex® 2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
UL7CU9	Identifiler® Plus 2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
ULJHZ6	Identifiler® Plus 2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
UQBMT9	Identifiler® Plus 2	NT	17,25	NT	15,16	11,12	10,12
		12,13	NT	NT	10,13	9,11	13,16
		14,15.2	30,31.2	NT	X,Y	11,12	24
		NT	NT	NT	6,9.3	8,11	16
UQE8M4	PowerPlex® 16 HS 2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
UQF8GC	Identifiler® Plus 2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
UQFXV8	Identifiler® 2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16

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

UQYWT6	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
UTDUP7	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
UTXB3N	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
UXCVGN	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
V3PVDF	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
V6PEQE	PowerPlex® Fusion						
	2	12,16.3	17,25	13,14	15,16	11,12	10,12
		12,13	13	18,20	10,13	9,11	13,16
		14,15.2	30,31.2	11,15	X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
V77E7W	PowerPlex® HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
V7JA7V	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16

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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VCT8AA	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
VCTAYE	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
VDMZZM	Identifiler® Plus						
	2	-	17,25	-	15,16	11,12	10,12
		12,13	-	-	10,13	9,11	13,16
		14,15.2	30,31.2	-	X,Y	11,12	24,24
		-	-	-	6,9.3	8,11	16,16
VG8PP7	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
VHGWRY	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
VJ834H	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
VJ9LYD	Identifiler® ID Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
VLJTDN	Globalfiler						
	2	12,16.3	17,25	13,14	15,16	11,12	10,12
		12,13	13	18,20	10,13	9,11	13,16
		14,15.2	30,31.2	11,15	X,Y	11,12	24
		n/a	n/a	16,20	6,9.3	8,11	16

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

VM92K3	PowerPlex® 16						
	2				15,16	11,12	10,12
	12,13				10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
VMQ8QU	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
	12,13				10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
VR32XC	PowerPlex® 16						
	2	-	-	-	15,16	11,12	10,12
	12,13				10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
VRMN9F	PowerPlex® Fusion						
	2	12,16.3	17,25	13,14	15,16	11,12	10,12
	12,13		13	18,20	10,13	9,11	13,16
		14,15.2	30,31.2	11,15	X,Y	11,12	24
W36QK	Identifiler®						
	2		17,25		15,16	11,12	10,12
	12,13				10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
W7JQJ	Identifiler®						
	2		17,25		15,16	11,12	10,12
	12,13				10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
WQDWH	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
	12,13				10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
WVEXE8	Identifiler® Plus, PowerPlex® 16, MiniFiler						
	2		17,25		15,16	11,12	10,12
	12,13				10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
			11,15		6,9.3	8,11	16

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

VX82RF	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
VZJ37F	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
W3KZ8E	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
W3XFCF	PowerPlex® FUSION						
	2	12,16.3	17,25	13,14	15,16	11,12	10,12
		12,13	13	18,20	10,13	9,11	13,16
		14,15.2	30,31.2	11,15	X,Y	11,12	24
W8QK3Y	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
W8UFCW	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
W99CTF	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
WAZUTB	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
				6,9.3	8,11	16	
				6,9.3	8,11	16	

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

WBUHAK	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
WCALEX	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
WDJTHQ	PowerPlex® PP16						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
WG2Q93	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
WGJCQX	Identifiler® , Identifiler Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
WJKZNT	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
WKHBW4	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
WKVX2B	PowerPlex® 16 HS, NGM-SELECT						
	2	12,16.3	17,25	13,14	15,16	11,12	10,12
		12,13	13	18,20	10,13	9,11	13,16
		14,15.2	30,31.2	11,15	X,Y	11,12	24
	12	11,15	16,20	6,9.3	8,11	16	

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

WLUZC9	PowerPlex® 16						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
WLVPHR	Identifiler®						
	2		30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
WMNBXG	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
WPAJ4Q	Identifiler® Plus, PowerPlex® 16						
	2		30,31.2		X,Y	11,12	24
		14,15.2	11,15		6,9.3	8,11	16
WPWXHV	Identifiler® Plus, MiniFiler						
	2	N/A	17,25	N/A	15,16	11,12	10,12
		12,13	N/A	N/A	10,13	9,11	13,16
WR4B7N	Identifiler®						
	2		30,31.2		X,Y	11,12	24,24
		14,15.2	11,15		6,9.3	8,11	16,16
WTBMVD	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
WV2WXR	Identifiler®						
	2		30,31.2		X,Y	11,12	24
		14,15.2	11,15		6,9.3	8,11	16,16

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

WYJZLN	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
WZT72X	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
X2KETE	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
X2NYM9	Identifiler® , Identifiler Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
X3XE2M	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
X4UWYH	Identifiler® Direct						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
X7CNY7	PowerPlex® HS						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
X7H7B4	Identifiler® Plus, MiniFiler						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16

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

X87JD2	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
				6,9.3	8,11	16	
X8Q3GN	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
				6,9.3	8,11	16	
X92X98	PowerPlex® 16						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
XAXZQ2	Identifiler® Identifiler Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
				6,9.3	8,11	16	
XC3YBP	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
				6,9.3	8,11	16	
XCLA3N	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
				6,9.3	8,11	16,16	
XCMW9M	PowerPlex® 16						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
XDGKNX	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
				6,9.3	8,11	16	

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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XJ3FP2	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
XJL44P	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		14,15.2	30,31.2		X,Y	11,12	24
XJMYTM	Identifiler®						
	2		17,25		15,16	11,12	10,12
		14,15.2	30,31.2		X,Y	11,12	24
XMLYZC	PowerPlex® 16						
	2				15,16	11,12	10,12
		12	11,15		6,9.3	8,11	16
XNZUFC	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		14,15.2	30,31.2		X,Y	11,12	24,24
XQ7898	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		14,15.2	30,31.2		X,Y	11,12	24
XQ7F3C	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		14,15.2	30,31.2		X,Y	11,12	24,24
XRLJYP	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		14,15.2	30,31.2		X,Y	11,12	24

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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XRXFZN	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
XTPLC8	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
XUK2P6	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
XVAE62	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
XZB2XB	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
Y2HEJJ	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
Y2JYXT	Identifiler® Plus, PowerPlex® 18D						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
Y3PHPA	Identifiler® Plus						
	2	-	17,25	-	15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
		-	-	-	6,9.3	8,11	16,16

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

Y3X7JA	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
Y4LX27	Identifiler®		30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
Y4NY8J	Identifiler®		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
Y7UKVJ	Identifiler®				6,9.3	8,11	16
		2	17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
Y928NB	Identifiler® Plus	14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16,16
YAAFH3	Identifiler® Plus		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
YAQNRQ	Identifiler® Plus				6,9.3	8,11	16
		2	17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
YBKB7F	Identifiler® Plus	14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16,16
YBKB7F	Identifiler® Plus		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
YBKB7F	Identifiler® Plus				6,9.3	8,11	16
		2	17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
YBKB7F	Identifiler® Plus	14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16

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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YBMPNM	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
				6,9.3	8,11	16	
YCF2AA	PowerPlex® Fusion						
	2	12,16.3	17,25	13,14	15,16	11,12	10,12
		12,13	13	18,20	10,13	9,11	13,16
		14,15.2	30,31.2	11,15	X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
YCFUA3	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
				6,9.3	8,11	16,16	
YCK6CZ	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
				6,9.3	8,11	16	
YDFDDA	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
				6,9.3	8,11	16,16	
YE68QZ	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
				6,9.3	8,11	16	
YE8GX6	Identifiler® Plus						
	2	Blank	17,25	Blank	15,16	11,12	10,12
		12,13	Blank	Blank	10,13	9,11	13,16
		14,15.2	30,31.2	Blank	X,Y	11,12	24,24
		Blank	Blank	Blank	6,9.3	8,11	16,16
YEMAMZ	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
	12	11,15		6,9.3	8,11	16	

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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YFZW29	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
YH8Y6R	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
YHJZMK	Identifiler® Plus						
	2	-	17,25	-	15,16	11,12	10,12
		12,13	-	-	10,13	9,11	13,16
		14,15.2	30,31.2	-	X,Y	11,12	24
		-	-	-	6,9.3	8,11	16
YJKQZU	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
YJY3UT	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
YKR2WX	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
YLNQUY	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
YMEUHZ	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16

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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YRCZQC	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
				6,9.3	8,11	16,16	
YT4A88	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
				6,9.3	8,11	16,16	
YXHTK9	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
				6,9.3	8,11	16	
YXY2JB	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
				6,9.3	8,11	16,16	
YZMBTC	PowerPlex® 16 HS						
	2	N/A	N/A	N/A	15,16	11,12	10,12
		12,13	N/A	N/A	10,13	9,11	13,16
		N/A	30,31.2	N/A	X,Y	11,12	24
	12	11,15	N/A	6,9.3	8,11	16	
Z2C4YE	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
				6,9.3	8,11	16,16	
Z2V32J	Identifiler® Plus						
	2	N/T	17,25	N/T	15,16	11,12	10,12
		12,13	N/T	N/T	10,13	9,11	13,16
		14,15.2	30,31.2	N/T	X,Y	11,12	24,24
	N/T	N/T	N/T	6,9.3	8,11	16,16	
Z6FRP3	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
				6,9.3	8,11	16,16	

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

Z84W9E	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
Z93URM	PowerPlex® PP21						
	2	12,16.3	17,25		15,16	11,12	10,12
		12,13		18,20	10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
		12,12	11,15		6,9.3	8,11	16,16
Z9XFC2	Identifiler® Identifiler Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
ZAAAZE	PowerPlex® 21						
	2	12,16.3	17,25		15,16	11,12	10,12
		12,13		18,20	10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
		12,12	11,15		6,9.3	8,11	16,16
ZAP7DT	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
ZCJPGF	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
ZD282J	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
ZE2LUP	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16

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

ZFCVTW	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
ZGEJG2	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
ZGPKYU	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
ZMBE4E	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
ZMBMXJ	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
ZMJRTG	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
ZMVY3J	Identifiler®						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24
					6,9.3	8,11	16
ZPCJCT	COfiler® and Profiler Plus®						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
					6,9.3	8,11	16

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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ZQV3G6	Identifiler®						
	2	-	17,25	-	15,16	11,12	10,12
		12,13	-	-	10,13	9,11	13,16
		14,15.2	30,31.2	-	X,Y	11,12	24,24
		-	-	-	6,9.3	8,11	16,16
ZUWHYN	Identifiler® Plus						
	2	NA	17,25	NA	15,16	11,12	10,12
		12,13	NA	NA	10,13	9,11	13,16
		14,15.2	30,31.2	NA	X,Y	11,12	24,24
		NA	NA	NA	6,9.3	8,11	16,16
ZV8FC6	PowerPlex® 16 HS						
	2				15,16	11,12	10,12
		12,13			10,13	9,11	13,16
			30,31.2		X,Y	11,12	24
		12	11,15		6,9.3	8,11	16
ZYURFG	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16
ZZKXR2	Identifiler® Plus						
	2		17,25		15,16	11,12	10,12
		12,13			10,13	9,11	13,16
		14,15.2	30,31.2		X,Y	11,12	24,24
					6,9.3	8,11	16,16

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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2QAA28	Identifiler® Plus						
	3		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			10,11,12	9,11,13	15,18
3LC9FJ	Identifiler® Plus						
	3		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
49J7CH	Identifiler® Plus						
	3		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
732KFF	Identifiler® Plus						
	3		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
7KL9RW	Identifiler®						
	3		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
9TPAYZ	Identifiler® Plus						
	3		17,22		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
AB8F3K	Identifiler® Plus						
	3		17,22,[22],[23]		[15],18,18,[18]	[11],11,12,[13]	9,[10],[11],11
		[10],[13],14,14			[11],11,11,[12]	[9],11,[13],13	[15],[18],18,18
AW46EX	Identifiler® Plus						
	3		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			10,11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20,20
					[7],7,[8],9	[8],8,8,[11]	[16],[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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B3QE4M	Profiler® Plus						
	3				15,18	11,12,13	9,10,11
		10,13,14			11,12		15,18
			29,30.2,33.2		X,Y		20,20
							16,17,18
BZR88A	PowerPlex® 21						
	3	15,16,17.3	17,22,23		15,18	11,12,13	9,10,11
		10,13,14		18,20,22	11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20,20
		9,11,12,13	7,12,13		7,8,9	8,11	16,17,18
CRKUEY	Identifiler® Plus						
	3		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			10,11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20,20
					7,8,9	8,11	16,17,18
DDYWQA	Identifiler® Plus						
	3		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
					7,8,9	8,11	16,17,18
F9Z24T	Identifiler® Plus						
	3		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
					7,8,9	8,11	16,17,18
GJHZCA	Identifiler® Plus						
	3		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,[11],13	15,18
		14,15	29,30.2,33.2		X,[Y]	10,11,12	20
				7,8,[9]	8,11	16,[17],[18]	
HQQW9BP	Identifiler® Plus						
	3		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
					7,8,9	8,11	16,17,18
K8VZCH	Identifiler®						
	3		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
					7,8,9	8,11	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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LP6GU2	Identifiler® Plus						
	3		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15	29,30.2,33.2		11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
LRENU9	Identifiler® Plus						
	3		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15	29,30.2,33.2		11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
PHRWW7	Identifiler® Plus						
	3		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15	29,30.2,33.2		11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
QX29ZJ	Identifiler® Plus						
	3		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15	29,30.2,33.2		11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20,20 16,17,18
RZN444	Identifiler® Identifiler Plus						
	3		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15	29,30.2,33.2		11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20,20 16,17,18
TBKAVF	Identifiler® Plus						
	3		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15	29,30.2,33.2		10,11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
UFB2MA	Identifiler®						
	3		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15	29,30.2,33.2		11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
W8QK3Y	Identifiler® Plus						
	3		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15	29,30.2,33.2		11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 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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WTBMVD	Identifiler® Plus						
	3		17,22,23		15,17,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,17,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20,20
				7,8,9	8,11	16,17,18	
X8Q3GN	Identifiler® Plus						
	3		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
Y3PHPA	Identifiler® Plus						
	3	-	17,22,23	-	15,18	11,12,13	9,10,11
		10,13,14	-	-	11,12	9,11,13	15,18
		14,15	29,30.2,33.2	-	X,Y	10,11,12	20,20
		-	-	-	7,8,9	8,11	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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229JQM	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20
				7,8,[9]	8,11	16,[17]	
23PFEF	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	[9],10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
24JWGK	Identifiler®						
	3e		22,23		15,18	11,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2		X	10,11,12	20
				7,8	8,11	16	
27MK2F	Identifiler® Plus						
	3e		22,23		15,18	11,13	10,11
		10,13,[14]			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11,[12]	20,20
				7,8,[9]	8,11	16,16	
28FKXR	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8	8,11	16,17,18	
2B3W24	PowerPlex® 16 HS						
	3e				15,18	11,12,13	9,10,11
		10,13,14			11,12	9,13	15,18
			29,30.2,33.2		X,Y	10,11,12	20
	9,11,12,13	7,12,13		7,8,9	8,11	16,17,18	
2CAXT9	COfiler® and Profiler Plus®						
	3e				15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
			29,30.2,[33.2]		X,[Y]	10,11,[12]	20
				7,8,[9]	8,11	16,[17],[18]	
2CB3JX	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	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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2CNRBP	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
2EYTEB	PowerPlex® 16 HS						
	3e				15,18	11,12,13	9,10,11
		10,13,14			11,12	9,13	15,18
			29,30.2,33.2		X,Y	10,11,12	20
		9,11,12,13	7,12,13		7,8,9	8,11	16,17,18
2H48C3	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
2JTFHW	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
2L2QCF	Identifiler® Plus						
	3e		22,23		15,18	11,[12],13	10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2		X,[Y]	10,11,[12]	20,20
				7,8,[9]	8,11	16,[17],18]	
2LBTPD	Identifiler® , PowerPlex® Fusion, GlobalFiler Express						
	3e	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X	10,11	20
		9,12	12,13	23.2,30.2	7,8	8,11	16
2LVMDU	Identifiler® Plus						
	3e		(17),22,23		15,18	11,(12),13	(9),10,11
		10,13,(14)			11,12	9,(11),13	15,18
		14,15	29,30.2,(33.2)		X,X,(Y)	10,11,(12)	20,20
				7,8,(9)	8,11	16,16,(17),(18)	
2NK2UR	PowerPlex® 16 HS						
	3e				15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
			29,30.2,33.2		X,Y	10,11,12	20
		9,11,12,13	7,12,13		7,8,9	8,11	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

2NLHJC	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
2PFBDA	Identifiler® Identifiler Plus						
	3e	-	[17],22,23	-	15,18	11,[12],13	[9],10,11
		10,13,[14]	-	-	11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]	-	X,[Y]	10,11,[12]	20,20
	-	-	-	7,8,[9]	8,11	16,[17],[18]	
2RNMWW	PowerPlex® 16 HS						
	3e				15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
			29,30.2,33.2		X,Y	10,11,12	20
		9,11,12,13	7,12,13		7,8,9	8,11	16,17,18
2TEVY	PowerPlex® Fusion						
	3e	15,17.3	[17],22,23	13,14	15,18	11,[12],13	[9],10,11
		10,13,[14]	12,[13],17	18,[20],[22]	11,12	9,13	15,18
		14,15	29,30.2,[33.2]	11,[13],15,[16]	X,[Y]	10,11,[12]	20
		9,[11],12,[13]	[7],12,13		7,8,[9]	8,11	16,[17],[18]
2UDUE8	PowerPlex® 16						
	3e				15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
			29,30.2,33.2		X,Y	10,11,12	20
		9,11,12,13	7,12,13		7,8,9	8,11	16,17,18
2V88R6	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	[9],10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,[33.2]		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
2VJNNC	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20
				7,8,[9]	8,11	16,[17],18	
2XP43V	Identifiler® Plus						
	3e	-	17,22,23	-	15,18	11,12,13	9,10,11
		10,13,14	-	-	11,12	9,11,13	15,18
		14,15	29,30.2,33.2	-	X,Y	10,11,12	20,20
	-	-	-	7,8,9	8,11	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

2YAY6C	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15		29,30.2,33.2	11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
2ZFX9C	PowerPlex® 16 HS						
	3e				15,18	11,12,13	9,10,11
		10,13,14 9,11,12,13		29,30.2 7,12,13	11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
327JDN	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15		29,30.2,33.2	11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
329ALQ	Identifiler®						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14] 14,15		29,30.2,[33.2]	11,12 X,X,[X,Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20,20 16,16,[17],18]
32PXR6	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14] 14,15		29,30.2,[33.2]	11,12 X,X,[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20,20 16,16,[17],[18]
34UTNA	Identifiler®						
	3e		(17),22,23		15,18	11,(12),13	(9),10,11
		10,13,(14) 14,15		29,30.2,(33.2)	11,12 X,(Y) 7,8,(9)	9,(11),13 10,11,(12) 8,11	15,18 20 16,(17),(18)
36M2E6	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	10,11
		10,13,14 14,15		29,30.2	11,12 X,[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20,20 16,16,[17]
37XV4D	Identifiler®						
	3e		[17],22,23		15,18	11,[12],13	10,11
		10,13,[14] 14,15		29,30.2,[33.2]	11,12 X,[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20 16,[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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37YLG	Identifiler®						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
38TAX	PowerPlex® 16						
	3e				15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,13	15,18
38TRY	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
3AH94	Identifiler®						
	3e		17,22,23		15,18	11,12,13	10,11
		10,13,14			11,12	9,11,13	15,18
3AJKN	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
3AX2P	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
3FAHAD	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
3J4YEY	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18

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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3ZXC9A	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
43V8BA	PowerPlex® 16 HS						
	3e				15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
			29,30.2,[33.2]		X,[Y]	10,11,[12]	[18],20
	9,[11],12,[13]	[7],12,13		7,8,[9]	8,11	16,[17],[18]	
448ZWB	PowerPlex® Fusion, Globalfiler Express						
	3e	15*	*	13*	15*	13*	10*
		10,13*	12*	18*	*	9*	15*
		*	*	11,15*	*	10,11*	*
		*	*	23.2,30.2*	8*	*	16*
48MMAF	PowerPlex® Fusion						
	3e	15,16,17.3	17,22,23	13,14	15,18	11,12,13	9,10,11
		10,13,14	12,13,17	18,20,22	11,12	9,11,13	15,18
		14,15	29,30.2,33.2	11,13,15,16	X,Y	10,11,12	20
		9,11,12,13	7,12,13		7,8,9	8,11	16,17,18
48PBXL	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20,20
				7,8,9	8,11	16,17,18	
4ADWFB	PowerPlex® Fusion, Rapid HIT, GlobalFiler Express						
	3e	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X	10,11	20
		9,12	12,13	23.2,30.2	7,8	8,11	16
4AFD3A	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
4B8KWL	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17	

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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4EW3JJ	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15		29,30.2,33.2	11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
4F2AMQ	Identifiler®						
	3e		17,22,23		15,18	11,12,13	10,11
		10,13,14 14,15		29,30.2	11,12 X 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
4GE2HT	Identifiler® Plus						
	3e		(17),22,23		15,18	11,(12),13	(9),10,11
		10,13,14 14,15		29,30.2,(33.3)	11,12 X,X,(Y) 7,8,(9)	9,(11),13 10,11,12 8,11	15,18 20,20 16,16,(17),(18)
4GK3QA	Identifiler® Identifiler Plus						
	3e		22,23		15,18	11,13	10,11
		10,13,14 14,15		29,30.2	11,12 X,X,(Y) 7,8,9	9,13 10,11,12 8,11	15,18 20,20 16,16
4GYQRZ	Identifiler® Plus						
	3e	NT	17,22,23	NT	15,18	11,12,13	9,10,11
		10,13,14 14,15,17.2 NT	NT 29,30.2,33.2 NT	NT NT NT	11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
4HQRPC	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15		29,30.2,33.2	11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
4J49Z4	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	10,11
		10,13,14 14,15		29,30.2,33.2	11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20,20 16,17,18
4J6LHC	Identifiler®						
	3e		17,22,23		15,18	11,12,13	[9],10,11
		10,13,14 14,15		29,30.2,[33.2]	11,12 X,(Y) 7,8,[9]	9,11,13 10,11,12 8,11	15,18 20 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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4JLMLD	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	[9],10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,[33.2]		X,Y	10,11,12	20
				7,8,9	8,11	16,[17],18	
4JM3PK	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
4L8LGM	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20
				7,8,[9]	8,11	16,[17],18]	
4TB9QC	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,[33.2]		X,Y	10,11,12	20
				7,8,9	8,11	16,[17],[18]	
4TBYQL	PowerPlex® Fusion						
	3e	15,[16],17.3	22,23	13,14	15,18	11,[12],13	[9],10,11
		10,13,[14]	12,[13],17	18,20	11,[12]	9,13	15,18
		14,15	29,30.2	11,15,[16]	X,[Y]	10,11,[12]	20
	9,12	[7],12,13		7,8	8,11	16	
4TK94R	PowerPlex® 16						
	3e				15,18	11,[12],13	[9],10,11
		10,13,14			11,12	9,[11],[12],13	15,18
			29,30.2,[33.2]		X,[Y]	10,11,12	20
	9,[11],12,[13]	7,12,13		7,8,[9]	8,11	16,[17],[18]	
4UYLRN	Identifiler® , MiniFiler						
	3e	NT	17,22,23	NT	15,18	11,12,13	9,10,11
		10,13,14	NT	NT	11,12	9,11,13	15,18
		14,15	29,30.2,33.2	NT	X,Y	10,11,12	20
	NT	NT	NT	7,8	8,11	16,17,18	
4WQYUL	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20,20
				7,8,9	8,11	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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4Z9N8Q	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14] 14,15	29,30.2,[33.2]		11,12 X,[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20 16,[17],[18]
4ZTGX3	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	9,10,11
		10,13,14 14,15	29,30.2,[33.2]		11,12 X,X,[X],[Y] 7,8,[9]	9,[11],13 10,11,12 8,11	15,18 20,20 16,16,[17],[18]
62VQ9W	PowerPlex® 16 HS						
	3e				15,18	11,12,13	9,10,11
		10,13,14	29,30.2,33.2		11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
62XB9T	Identifiler®						
	3e	-	17,22,23	-	15,18	11,12,13	9,10,11
		10,13,14 14,15	- 29,30.2,33.2	- -	11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20,20 16,17,18
63R2E8	Identifiler® Plus						
	3e	-	17,22,23	-	15,18	11,12,13	9,10,11
		10,13,14 14,15	- 29,30.2,33.2	- -	11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
66YTPE	Identifiler®						
	3e		(17),22,23		15,18	11,(12),13	(9),10,11
		10,13,(14) 14,15	29,30.2,(33.2)		11,12 X,(Y) 7,8,(9)	9,(11),13 10,11,(12) 8,11	15,18 20,20 16,(17),(18)
6C47F4	PowerPlex® 16						
	3e				15,18	11,(12),13	(9),10,11
		10,13,14	29,30.2,(33.2)		11,12 X,(Y) 7,8,(9)	9,(11),13 10,11,12 8,11	15,18 20 16,(17),(18)
6E8WLJ	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14] 14,15	29,30.2,[33.2]		11,12 X,X,[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20,20 16,16,[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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6EQ7U6	PowerPlex® 16						
	3e				15,18	11,12,13	9,10,11
	10,13,14				11,12	9,11,13	15,18
	9,11,12,13	29,30.2,33.2	7,12,13		X,Y	10,11,12	20
6H7G6A	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
	10,13,14				11,12	9,11,13	15,18
	14,15	29,30.2,33.2			X,Y	10,11,12	20
6JF8Q8	PowerPlex® Fusion						
	3e	15,[16],17.3	[17],22,23	13,14	15,18	11,[12],13	[9],10,11
	10,13,14		12,[13],17	18,[20],[22]	11,12	9,[11],13	15,18
	14,15	29,30.2,[33.2]	[7],12,13	11,[13],15,[16]	X,[Y]	10,11,[12]	20
6L7D6C	Identifiler®						
	3e		22,23		15,18	11,13	10,11
	10,13				11,12	9,13	15,18
	14,15	29,30.2			X,X	10,11	20,20
6V8FD	Identifiler® Plus						
	3e		22,23		15,18	11,[12],13	[9],10,11
	10,13,[14]				11,12	9,[11],13	15,18
	14,15	29,30.2			X,[Y]	10,11,[12]	20,20
6WJNHU	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
	10,13,14				11,12	9,11,13	15,18
	14,15	29,30.2,33.2			X,Y	10,11,12	20,20
6WPND9	Identifiler® Plus						
	3e		22,23		15,18	11,13	10,11
	10,13,14				11,12	9,11,13	15,18
	14,15	29,30.2,33.2			X	10,11,12	20
6XWEER	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
	10,13,[14]				11,12	9,[11],13	15,18
	14,15	29,30.2,[33.2]			X,X	10,11,[12]	20,20

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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7B2XNW	Identifiler® Plus						
	3e		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
7E7GV6	Identifiler® Plus						
	3e		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
7FVBJD	Identifiler® Plus						
	3e		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
7GQ2KL	Identifiler® Plus						
	3e		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
7HE32N	Identifiler® Plus						
	3e		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
7JFAT2	Identifiler® Plus						
	3e		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
7KBTWN	Identifiler® Plus						
	3e		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
7MD7KW	Identifiler® Plus						
	3e		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18

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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7NDLWE	PowerPlex® PP21						
	3e	15,16,17.3	17,22,23		15,18	11,12,13	9,10,11
		10,13,14		18,20,22	11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20,20
		9,11,12,13	7,12,13		7,8,9	8,11	16,17,18
7NN6JC	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,X,[Y]	10,11,[12]	20,20
				7,8,[9]	8,11	16,16,[17],[18]	
7NUMVA	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,[17],[18]	
7PM2E2	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
7TN663	Identifiler® Plus						
	3e		22,23		15,18	11,(12),13	10,11
		10,13,(14)			11,12	9,13	15,18
		14,15	29,30.2,(33.2)		X,(Y)	10,11,(12)	20
				7,8,(9)	8,11	16	
7V99M8	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
7X2HXF	PowerPlex® 21						
	3e	15,16,17.3	17,22,23		15,18	11,12,13	9,10,11
		10,13,14		18,20,22	11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20,20
		9,11,12,13	7,12,13		7,8,9	8,11	16,17,18
7XH9UZ	PowerPlex® 16 HS						
	3e				15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
			29,30.2,33.2		X,Y	10,11,12	20
		9,11,12,13	7,12,13		7,8,9	8,11	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

7ZZCFC	Identifiler® Plus						
	3e		[(17)],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14] 14,15			11,12 X,[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,[11]	15,18 20,20 16,[(17)],[18]
8384BX	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12^],13	[9^],10,11
		10,13,[14] 14,15		29,30.2,[33.2^]	11,12 X,[Y^] 7,8,[9^]	9,[11^],13 10,11,[12] 8,11	15,18 20 16,[17^],[18^]
83PUHX	PowerPlex® 16 HS						
	3e	N/A	N/A	N/A	15,18	11,[12],13	[9],10,11
		10,13,[14]		N/A	11,12	9,13	15,18
		N/A	29,30.2,[33.2]	N/A	X,[Y]	10,11,[12]	20
		9,[11],12,[13]	[7],12,13	N/A	7,8,[9]	8,11	16,[17],[18]
84VNTM	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14] 14,15		29,30.2,[33.2]	11,12 X,X,[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20,20 16,16,[17,18]
84ZW4W	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15		29,30.2,33.2	11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
877P99	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15		29,30.2,[33.2]	11,12 X,[Y] 7,8,9	9,[11],13 10,11,12 8,11	15,18 20 16,[17],[18]
88G9ZD	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14] 14,15		29,30.2,[33.2]	11,12 X,X,[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20,20 16,16,[17],[18]
89DCH8	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14] 14,15		29,30.2,[33.2]	11,12 X,Y 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20 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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8A8ULU	Identifiler® Plus						
	3e	NT	17,22,23	NT	15,18	11,12,13	9,10,11
		10,13,14	NT	NT	11,12	9,13	15,18
		14,15	29,30.2,33.2	NT	X,Y	10,11,12	20
		NT	NT	NT	7,8,9	8,11	16,17,18
8BYLKZ	PowerPlex® 16 HS						
	3e				15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
			29,30.2,[33.2]		X,[Y]	10,11,[12]	20
		9,[11],12,[13]	[7],12,13		7,8,[9]	8,11	16,[17],[18]
8C72GK	Identifiler®						
	3e		22,23		15,18	11,13	10,11
		10,13,[14]			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
8CCJ8B	Identifiler® , SGMPlus						
	3e		(17),22,23		15,18	11,(12),13	(9),10,11
		10,13,(14)			11,12	9,(11),13	15,18
		14,15	29,30.2,(33.2)		X,(Y)	10,11,12	20,20
					7,8,9	8,11	16,(17),(18)
8CDT7H	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
					7,8,9	8,11	16,17,18
8DHP7C	Identifiler® Plus						
	3e	-	17,22,23	-	15,18	11,12,13	9,10,11
		10,13,14	-	-	11,12	9,11,13	15,18
		14,15	29,30.2,33.2	-	X,Y	10,11,12	20
		-	-	-	7,8,9	8,11	16,17,18
8EGMNY	PowerPlex® 16						
	3e				15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
			29,30.2,33.2		X,Y	10,11,12	20
		9,11,12	7,12,13		7,8,9	8,11	16,18
8EHFL8	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X	10,11,12	20
					7,8,9	8,11	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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8EXQCY	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
					7,8,9	8,11	16,17,18
8GKH83	PowerPlex® ESI 17 System						
	3e	15,16,17.3	17,22,23	13,14	15,18		
		10,13,14	12,13,17	18,20,22		9,11,13	15,18
		14,15	29,30.2,33.2	11,13,15,16	X,Y		20
				12,23.2,30.2	7,8,9		16,17,18
8HZ7XA	Identifiler®						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20
					7,8,[9]	8,11	16,[17],[18]
8J9K3V	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
					7,8,9	8,11	16,17,18
8M92PK	Identifiler®						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,12	20,20
					7,8,[9]	8,11	16,[17],18]
8MRJR	Identifiler® , MiniFiler						
	3e	NT	17,22,23	NT	15,18	11,12,13	9,10,11
		10,13,14	NT	NT	11,12	9,11,13	15,18
		14,15	29,30.2,33.2	NT	X,Y	10,11,12	20
		NT	NT	NT	7,8,9	8,11	16,17,18
8N9LC6	Identifiler® Identifiler Plus						
	3e		[17],22,23		15,18	11,[12],13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,[33.2]		X,Y	10,11,[12]	20
					7,8,9	8,11	16,[17],[18]
8T2NF6	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,[12]	9,[11],13	[15],18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20,20
					7,8,[9]	8,[11]	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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8U8Q44	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15		29,30.2,33.2	11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
8VQP8T	Identifiler® Plus						
	3e		22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15		29,30.2,33.2	11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,18
8XRMNM	Identifiler®						
	3e		17,22,23		15,18	11,13	9,10,11
		10,13,14 14,15		29,30.2,33.2	11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
8Y3HEL	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15		29,30.2,33.2	11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
8Y48MP	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14] 14,15		29,30.2,[33.2]	11,12 X,[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20 16,[17],[18]
8Y4G9U	Identifiler®						
	3e		(17),22,23		15,18	11,(12),13	(9),10,11
		10,13,(14) 14,15		29,30.2,(33.2)	11,12 X,X,Y 7,8,(9)	9,(11),13 10,11,(12) 8,11	15,18 20,20 16,16,(17),(18)
8ZTUNQ	PowerPlex® 16 HS						
	3e				15,18	---	INC
		INC 9,11,12		INC INC	--- X,* 7,8,9	9,13 10,11,12 8,11	INC 20 16
934AW4	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15		29,30.2,33.2	11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 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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93C7Z2	Identifiler®						
	3e		[17],22,23		15,18	11,13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2		X,[Y]	10,11,[12]	20
					7,8,[9]	8,11	16,[17],[18]
96AVMN	PowerPlex® 16						
	3e				(15),18	11,(12),13	(9),10,11
		10,13,14			11,(12)	9,(11),13	(15),18
			29,30.2,(33.2)		X,(Y)	10,11,12	20
		9,(11),12,(13)	7,12,13		7,8,(9)	8,11	16,(17),(18)
98CBZ2	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
					7,8,9	8,11	16,17,18
98W2XR	Identifiler®						
	3e		[17],22,[23]		[15],18	11,[12],[13]	9,10,11
		[10],[13],14			11,[12]	9,11,13	[15],18
		14,15	29,[30.2],[33.2]		X,[Y]	[10],[11],12	20
					7,8,9	8,[11]	16,17,18
9AVEMD	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
					7,8,9	8,11	16,17,18
9BDAJ7	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
					7,8,9	8,11	16,17,18
9C4MTC	PowerPlex® Fusion						
	3e	15,16,17.3	17,22,23	13,14	15,18	11,12,13	9,10,11
		10,13,14	12,13,17	18,20,22	11,12	9,11,13	15,18
		14,15	29,30.2,33.2	11,13,15,16	X,Y	10,11,12	20
		9,11,12,13	7,12,13		7,8,9	8,11	16,17,18
9CR4D7	Identifiler® Plus						
	3e		(17),22,23		15,18	11,(12),13	(9),10,11
		10,13,(14)			11,12	9,(11),13	15,18
		14,15	29,30.2,(33.2)		X,(Y)	10,11,(12)	20
					7,8,(9)	8,11	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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9D3F2H	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14] 14,15			11,12 X,X,[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20,20 16,16,[18]
9EDF3J	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15			11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
9EYGYE	PowerPlex® 21						
	3e	15,16,17.3	17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15 9,11,12,13		18,20,22	11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20,20 16,17,18
9G3MKU	Identifiler®						
	3e		[17],22,23		[15],18	11,[12],[13]	[9],10,11
		10,13,14 14,15			11,[12] X,[Y] 7,8,[9]	9,[11],13 10,11,12 8,[11]	[15],18 20 16,[17],[18]
9GFGNN	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14] 14,15			11,12 X,X 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20,20 16,[17],[18]
9K36CU	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14] 14,15			11,12 F,[M] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20,20 16,16,[17],[18]
9KYZUH	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14] 14,15			11,12 X,[Y] 7,8,[9]	9,[11],13 10,11,12 8,11	15,18 20 16,[17],18]
9LRHTR	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15			11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 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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9M9DUR	Identifiler® Plus, MiniFiler						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
9NKPEV	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
9PBFGR	Identifiler® Plus						
	3e		29,30.2,[33.2]		X,X,[Y]	10,11,[12]	20,20
		14,15			7,8,[9]	8,11	16,16,[17],[18]
9Q8WRJ	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
9QLEHJ	Identifiler® Plus						
	3e		29,30.2,33.2		X,Y	10,11,12	20
		14,15			7,8,9	8,11	16,17,18
9Q8WRJ	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
9QLEHJ	Identifiler® Plus						
	3e		29,30.2,[33.2]		X,[Y]	10,11,[12]	20
		14,15			7,8,[9]	8,11	16,[17],[18]
9QLEHJ	PowerPlex® 16 HS						
	3e				15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	[5],9,[11],13	15,18
9TBR92	Identifiler® Plus						
	3e		29,30.2,[33.2]		X,X,[Y]	10,11,[12]	20
		9,[11],12,[13]			7,8,[9]	8,11	16,[17],[18]
9TBR92	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
9TV72K	Identifiler® Plus						
	3e		29,30.2,33.2		X,Y	10,11,12	20
		14,15			7,8,9	8,11	16,17,18
9TV72K	Identifiler®						
	3e	-	(17),22,23	-	15,18	11,(12),13	(9),10,11
		10,13,14			11,12	9,(11),13	15,18
9U7DZ8	Identifiler®						
	3e		29,30.2		X	10,11,12	20
		14,15			7,8,(9)	8,11	16,(17)
9U7DZ8	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
9U7DZ8	Identifiler®						
	3e		29,30.2,33.2		X,Y	10,11,12	20
		14,15			7,8,9	8,11	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

9VKAE6	Identifiler® Identifiler Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15			11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
9YJEE6	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15		29,30.2,[33.2]	11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,[18]
A4D6A3	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14] 14,15		29,30.2	11,12 X,X,[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20,20 16,16,[17],[18]
A7CM3N	PowerPlex® HS						
	3e				15,18	11,12,13	9,10,11
		10,13,14		29,30.2,33.2	11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
A87BJX	PowerPlex® 16						
	3e				15,18	11,[12],13	[9],10,11
		10,13,14		29,30.2,[33.2]	11,12 X,[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20 16,[18]
AB8GY4	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15		29,30.2,33.2	11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
AE8KUW	PowerPlex® 16 HS						
	3e				15,18	11,[12],13	[9],10,11
		10,13,[14]		29,30.2,[33.2]	11,12 X,[Y] 7,8,[9]	9,13 10,11,[12] 8,11	15,18 20 16,[17],[18]
AEU7L	Identifiler® Plus						
	3e		(17),22,23		15,18	11,(12),13	(9),10,11
		10,13,(14) 14,15		29,30.2,(33.2)	11,12 X,(Y) 7,8,(9)	9,(11),13 10,11,(12) 8,11	15,18 20 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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AGC8D3	Identifiler® Plus						
	3e	-	[17],22,23	-	15,18	11,12,13	9,10,11
		10,13,14	-	-	11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]	-	X,[Y]	10,11,12	20
		-	-	-	7,8,[9]	8,11	16,[17],[18]
AGVPD9	Identifiler®						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20
				7,8,[9]	8,11	16,[17],[18]	
AJKYNA	Identifiler® Plus						
	3e		17,22,23		[15],18	11,12,13	9,10,11
		10,13,14			11,[12]	9,11,13	[15],18
		14,15	29,30.2,33.2		X,[Y]	10,11,12	20,20
				7,8,9	8,[11]	16,17,18	
AKQZ93	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20
				7,8,[9]	8,11	16,[17],18	
ALQE28	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20,20
				7,8,9	8,11	16,17,18	
AMJPYA	Identifiler® Plus						
	3e	-	[17],22,23	-	15,18	11,[12],13	[9],10,11
		10,13,[14]	-	-	11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]	-	X,[Y]	10,11,[12]	20
		-	-	-	7,8,[9]	8,11	16,[17],[18]
ATWKP7	Identifiler® Plus						
	3e		22,23		15,18	11,13	10,11
		10,13,[14]			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11,[12]	20,20
				7,8	8,11	16,16	
B3C34B	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,X,[X],[Y]	10,11,[12]	20,20
				7,8,[9]	8,11	16,16,[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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B46DJA	PowerPlex® 21						
	3e	15,[16],17.3	[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]		18,[20],[22]	11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20,20
		9,[11],12,[13]	[7],12,13		7,8,[9]	8,11	16,[17],[18]
B498DW	Identifiler® Plus						
	3e		[17^],22,23		15,18	11,[12^],13	[9^],10,11
		10,13,[14^]			11,12	9,[11^],13	15,18
		14,15	29,30.2,[33.2^]		X,[Y^]	10,11,[12]	20
				7,8,[9^]	8,11	16,[17^],[18^]	
B4J6A2	Identifiler® Plus						
	3e	-	17,22,23	-	15,18	11,12,13	9,10,11
		10,13,14	-	-	11,12	9,11,13	15,18
		14,15	29,30.2,33.2	-	X,Y	10,11,12	20
		-	-	-	7,8,9	8,11	16,17,18
B8L7CJ	PowerPlex® Fusion						
	3e	15,[16],17.3	[17],22,23	13,14	15,18	11,[12],13	[9],10,11
		10,13,[14]	12,[13],17	18,[20],[22]	11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]	11,[13],15	X,[Y]	10,11,[12]	20
		9,[11],12	[7],12,13		7,8,[9]	8,11	16,[17],[18]
B8N8FB	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
BAPR9W	Identifiler® Plus						
	3e		(17),22,23		15,18	11,(12),13	(9),10,11
		10,13,(14)			11,12	9,(11),13	15,18
		14,15	29,30.2,(33.2)		X,X(X),(Y)	10,11,(12)	20,20
				7,8,(9)	8,11	16,16,(17),(18)	
BBL8KT	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20
				7,8,[9]	8,11	16,[17],[18]	
BBQDB4	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20
				7,8,[9]	8,11	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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BBQHMR	Identifiler® AmpFISTR						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15			11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
BE68UG	PowerPlex® Fusion						
	3e	15,17.3	[17],22,23	13,14	15,18	11,[12],13	[9],10,11
		10,13,[14] 14,15	12,[13],17 29,30.2,[33.2]	18,[20],[22] 11,[13],15,[16]	11,12 X,[Y]	9,[11],13 10,11,[12]	15,18 20
		9,[11],12,[13]	[7],12,13		7,8,[9]	8,11	16,[17],[18]
BE6FTT	PowerPlex® 16 HS						
	3e				15,18	11,12,13	9,10,11
		10,13,14 9,11,12,13	29,30.2 7,12,13		11,12 X,Y 7,8	9,11,13 10,11,12 8,11	15,18 20 16,17,18
BGEXXW	Identifiler® Identifiler Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14] 14,15	29,30.2,[33.2]		11,12 X,[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20 16,[17],[18]
BH44G9	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14] 14,15	29,30.2,[33.2]		11,12 X,[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20 16,[17],[18]
BH9G3J	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14] 14,15	29,30.2,[33.2]		11,12 X,X,[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20,20 16,16,[17],[18]
BHNCEX	PowerPlex® 16						
	3e				15,18	11,12,13	9,10,11
		10,13,14 9,11,12,13	29,30.2,33.2 7,12,13		11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
BKUW3X	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15	29,30.2,33.2		11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 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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BQX8MQ	Identifiler® Plus, MiniFiler						
	3e		17,22,23		15,18	11,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
					7,8,9	8,11	16,17,18
BRRC96	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
					7,8,9	8,11	16,17,18
BTND62	Identifiler® Plus						
	3e		22,23		15,18	11,12,13	10,11
		10,13,14			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16,18
BTZTYN	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
					7,8,9	8,11	16,17,18
BUL9MR	PowerPlex® Fusion						
	3e	15,16,17.3	22,23	13,14	15,18	11,12,13	9,10,11
		10,13,14	12,13,17	18,22	11,12	9,11,13	15,18
		14,15	29,30.2,33.2	11,15	X,Y	10,11,12	20,20
		9,12	7,12,13		7,8,9	8,11	16,17,18
BUYUZA	PowerPlex® Fusion						
	3e	15,16,17.3	17,22,23	13,14	15,18	11,12,13	9,10,11
		10,13,14	12,13,17	18,20,22	11,12	9,11,13	15,18
		14,15	29,30.2,33.2	11,13,15,16	X,Y	10,11,12	20
		9,11,12,13	7,12,13		7,8,9	8,11	16,17,18
BYCREN	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20,20
					7,8,9	8,11	16,17,18
BYW4LA	Identifiler®						
	3e		22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,13	15,18
		14,15	29,30.2,33.2		X	10,11,12	20
					7,8	8,11	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

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BZT6H7	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20,20
				7,8,9	8,11	16,17,18	
BZZ9NW	Identifiler® , PowerPlex® , NGM SElect						
	3e	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X,X	10,11	20
		9,12	12,13	23.2,30.2	7,8	8,11	16
C3QKB9	Identifiler®						
	3e		22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,13	15,18
		14,15	29,30.2		X	10,11,12	20
				7,8,9	8,11	16,17,18	
CA3YHH	PowerPlex® 16						
	3e				15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],[12],13	15,18
			29,30.2,[33.2]		X,[Y]	10,11,[12]	20
		9,[11],12,[13]	[7],12,13		7,8,[9]	8,11	16,[17],[18]
CA6HNU	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
CBH3JP	Identifiler® Plus						
	3e		(17),22,23		15,18	11,(12),13	(9),10,11
		10,13,(14)			11,12	9,(11),13	15,18
		14,15	29,30.2,(33.2)		X,X,(Y)	10,11,(12)	20,20
				7,8,(9)	8,11	16,16,(17),(18)	
CCEHVL	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20,20
				7,8,9	8,11	16,17,18	
CCJTXK	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20
				7,8,[9]	8,11	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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CDMTP6	Identifiler® Plus						
	3e	-	[17],22,23	-	15,18	11,[12],13	[9],10,11
		10,13,[14]	-	-	11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]	-	X,[Y]	10,11,[12]	20,20
		-	-	-	7,8,[9]	8,11	16,[17],[18]
CFVYAK	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20
				7,8,[9]	8,11	16,[17],[18]	
CHFR4Z	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
CJPVJJ	PowerPlex® PP21						
	3e	15,(16),17.3	(17),22,23		15,18	11,13	10,11
		10,13			11,12	9,(11),13	15,18
		14,15	29,30.2		X	10,11,(12)	20
		9,12	(7),12,13		7,8,(9)	8,11	16,(17),(18)
CLL632	Identifiler®						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20
				7,8,[9]	8,11	16,[17],[18]	
CQ2JY9	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20
				7,8,[9]	8,11	16,[17],[18]	
CQUNZU	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
CVQ3WW	PowerPlex® 16						
	3e				15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
			29,30.2		X,[Y]	10,11,[12]	20
	9,[11],12,[13]	7,12,13		7,8	8,11	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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CX9JTG	Identifiler® , PowerPlex® 16 HS, NGM Select						
	3e	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18,18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X,X	10,11	20,20
		9,12	12,13	23.2,30.2	7,8	8,11	16,16
D288TP	Identifiler® Plus, PowerPlex® 16, MiniFiler						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2		X,Y	10,11,12	20
		9,11,12,13	7,12,13		7,8,9	8,11	16,17
D4CTMG	Identifiler®						
	3e		17,22,23		15,18	11,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
					7,8,9	8,11	16,17,18
D7KYB3	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
					7,8,9	8,11	16,17,18
D8EJ9B	Identifiler® , PowerPlex®						
	3e		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
		9,12	12,13		7,8	8,11	16,16
DAM8QR	Identifiler® Plus						
	3e	-	[17],22,23	-	15,18	11,[12],13	[9],10,11
		10,13,[14]	-	-	11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]	-	X,X,[Y]	10,11,[12]	20,20
		-	-	-	7,8,[9]	8,11	16,16,[17],[18]
DBV4UQ	Identifiler® Plus, PowerPlex® PP16 HS, ESX-CS7						
	3e	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X,X	10,11	20
		9,12	12,13	23.2,30.2	7,8	8,11	16
DD62CE	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20,20
					7,8,9	8,11	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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DDNU8W	PowerPlex® 16						
	3e				15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
			29,30.2,[33.2]		X,[Y]	10,11,[12]	20
DEUEUW	PowerPlex® Fusion						
	3e	15,[16],17.3	[17],22,23	13,14	15,18	11,[12],13	[9],10,11
		10,13,[14]	12,[13],17	18,[20],[22]	11,12	9,[11],13	15,18
		14,15	29,30.2	11,[13],15,[16]	X,[Y]	10,11,[12]	20
DGJLBM	Identifiler®						
	3e		22,23		15,17,18	11,13	9,10,11
		10,13,14			8,11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	9,10,11	20,20
DJEH49	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,14			11,[12]	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20,20
DJMGWB	Identifiler®						
	3e		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
DKLJNZ	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20
DMVDW8	Identifiler® , MiniFiler						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20
DN3X6F	COfiler® and Profiler Plus®						
	3e				15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
			29,30.2,[33.2]		X,[Y]	10,11,[12]	20
				7,8,[9]	8,11	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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DNMYG3	Identifiler® , MiniFiler						
	3e		(17),22,23		15,18	11,(12),13	(9),10,11
		10,13,(14)			11,12	9,(11),13	15,18
		14,15	29,30.2,(33.2)		X,(Y)	10,11,(12)	20,20
				7,8,(9)	8,11		16,(17),(18)
DPEQ4N	PowerPlex® 16 HS, MiniFiler						
	3e		[17],22,23		15,18	11,(12),13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
			29,30.2,[33.2]		X,(Y)	10,11,[12]	20
		9,[11],12,[13]	[7],12,13		7,8,[9]	8,11	16,[17],[18]
DPXKT6	Identifiler® Plus, MiniFiler						
	3e		[17],22,23		15,18	11,(12),13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,(Y)	10,11,[12]	20
				7,8,[9]	8,11		16,[17],[18]
DRK28J	Identifiler® Plus						
	3e		[17],22,23		15,18	11,13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,X,(Y)	10,11,[12]	20,20
				7,8,[9]	8,11		16,16,[17,18]
DRNMZD	Identifiler® Plus						
	3e		[17],22,23		15,18	11,(12),13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,X,(Y)	10,11,[12]	20,20
				7,8,[9]	8,11		16,16,[18]
DTHVY3	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11		16,17,18
DVJMRU	PowerPlex® 16 HS, ESX17						
	3e	15,16,17.3	17,22,23	13,14	15,18	11,12,13	9,10,11
		10,13,14	12,13,17	18,20,22	11,12	9,11,13	15,18
		14,15	29,30.2,33.2	11,13,15,16	X,Y	10,11,12	20
		9,11,12,13	7,12,13	12,23.2,30.2	7,8,9	8,11	16,17,18
DVZL6R	Identifiler®						
	3e		17,22,[23]		[15],18	11,12,[13]	[9],[10],11
		[10],[13],14			11,[12]	[9],11,13	[15],18
		14,15	29,[30.2],33.2		X,Y	[10],[11],12	20
				7,[8],9	8,[11]		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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DX9T9K	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20,20
				7,8,9	8,11	16,17,18	
E23AZ6	PowerPlex® Fusion						
	3e	15,16,17.3	17,22,23	13,14	15,18	11,12,13	9,10,11
		10,13,14	12,13,17	18,20,22	11,12	9,11,13	15,18
		14,15	29,30.2,33.2	11,13,15,16	X,Y	10,11,12	20
		9,11,12,13	7,12,13		7,8,9	8,11	16,17,18
E7HNWC	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
E7YD6B	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20
				7,8,[9]	8,11	16,[17,18]	
E8HR22	PowerPlex® 21						
	3e	15,16,17.3	17,22,23		15,18	11,12,13	9,10,11
		10,13,14		18,20,22	11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20,20
		9,11,12	7,12,13		7,8,9	8,11	16,17,18
E8U7AP	PowerPlex® 16 HS						
	3e				15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
			29,30.2,33.2		X,Y	10,11,12	20
		9,11,12,13	7,12,13		7,8,9	8,11	16,17,18
E9NZNL	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
E9NZQ7	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	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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EBBQYQ	PowerPlex® 16 HS						
	3e				15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
			29,30.2,[33.2]		X,[Y]	10,11,[12]	20
EBW792	Identifiler® Plus						
	3e	Not Tested	[17],22,23	Not Tested	15,18	11,13	[9],10,11
		10,13,[14]	Not Tested	Not Tested	11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]	Not Tested	X,X,[Y]	10,11,[12]	20,20
ECN9TV	PowerPlex® Fusion						
	3e	15,[16],17.3	[17],22,23	13,14	15,18	11,[12],13	[9],10,11
		10,13,[14]	12,[13],17	18,[20],[22]	11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]	11,[13],15,[16]	X,[Y]	10,11,[12]	20
EDKBUY	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
EEU992	PowerPlex® 21						
	3e	15,16,17.3	17,22,23		15,18	11,12,13	9,10,11
		10,13,14		18,20,22	11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,[Y]	10,11,12	20,20
EKGHHT	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,X,[X],[Y]	10,11,[12]	20,20
EKNF4Q	Identifiler® , Identifiler Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20
ELDXUP	Identifiler® Identifiler Plus						
	3e	NT	(17),22,23	NT	15,18	11,(12),13	(9),10,11
		10,13,(14)	NT	NT	11,12	9,(11),13	15,18
		14,15	29,30.2,(33.2)	NT	X,(Y)	10,11,(12)	20
	NT	NT	NT	7,8,(9)	8,11	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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ELFFZ2	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
ELH9WN	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
ELVYKY	PowerPlex® 16 HS						
	3e				15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
			29,30.2		X,[Y]	10,11,[12]	20
		9,12	[7],12,13		7,8	8,11	16,[17],[18]
ER6Z4G	PowerPlex® HS						
	3e				15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
			29,30.2,[33.2]		X,[Y]	10,11,[12]	20
		9,[11],12,[13]	[7],12,13		7,8,[9]	8,11	16,17,18
ETDTTU	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
ETGT26	PowerPlex® 16						
	3e				15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
			29,30.2,33.2		X,Y	10,11,12	20
		9,11,12,13	7,12,13		7,8,9	8,11	16,17,18
EVH6AP	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20
				7,8,[9]	8,11	16,[17],[18]	
EWDNDC	Identifiler® Plus, MiniFiler						
	3e	NA	17,22,23	NA	15,18	11,12,13	9,10,11
		10,13,14	NA	NA	11,12	9,11,13	15,18
		14,15	29,30.2,33.2	NA	X,Y	10,11,12	20
				7,8,9	8,11	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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EWEC33	Identifiler® Plus						
	3e		22,23		15,18	11,13	10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2		X,X	10,11,[12]	20,20
					7,8,[9]	8,11	16,16
EWMJM	PowerPlex® Fusion						
	3e	15,16,17.3	17,22,23	13,14	15,18	11,12,13	9,10,11
		10,13,14	12,13,17	18,20,22	11,12	9,11,13	15,18
		14,15	29,30.2,33.2	11,13,15,16	X,Y	10,11,12	20,20
		9,11,12,13	7,12,13		7,8,9	8,11	16,17,18
EX7LX	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
					7,8,9	8,11	16,17,18
EY2MKZ	Identifiler® ID Plus						
	3e		17,22,23		15,18	11,[12],13	[9],10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
					7,8,9	8,11	16,[17],[18]
EYJY8	PowerPlex® PowerPlex® 16						
	3e				15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
			29,30.2,33.2		X,Y	10,11,12	20
		9,11,12,13	7,12,13		7,8,9	8,11	16,17,18
F2HQUX	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,[12]	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20
					7,8,[9]	8,11	16,[17],[18]
F2JN49	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
					7,8,9	8,11	16,17,18
F3ZQ3U	PowerPlex® ESI-16						
	3e	15,(16),17.3	(17),22,23	13,14	15,18	-	-
		10,13,(14)	12,(13),17	18,18,(20),(22)	-	9,(11),13	15,18
		14,15	29,30.2,(33.2)	11,(13),15,(16)	X,X,(X),(Y)	-	20,20
		-	-	-	7,8,(9)	-	16,16,(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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F67A6W	Identifiler® Plus						
	3e		22,23		15,18	11,13	10,11
		10,13,(14) 14,15			11,12 X,X 7,8	9,13 10,11 8,11	15,18 20,20 16,16
F7FJBT	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15	29,30.2,33.2		11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
F9KVQN	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14] 14,15	29,30.2,[33.2]		11,12 X,[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20 16,[17],[18]
F9P2GY	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14] 14,15	29,30.2,[33.2]		11,12 X,[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20 16,[17],[18]
F9P7TL	Identifiler®						
	3e		17,22,[23]		[15],18	11,12,[13]	9,[10],11
		[10],[13],14 14,15	29,[30.2],[33.2]		11,[12] X,[Y] 7,[8],[9]	[9],[11],13 [10],[11],12 8,[11]	[15],18 20 16,17,18
FB9CYB	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15	29,30.2,33.2		11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
FBRRCX	PowerPlex® 21						
	3e	15,[16],17.3	[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14] 14,15 9,[11],12	29,30.2,[33.2] [7],12,13	18,[20],[22]	11,12 X,[Y] 7,8	9,[11],13 10,11,[12] 8,11	15,18 20 16,[17],[18]
FC6HP3	Identifiler® Plus						
	3e	N/A	[17],22,23	N/A	15,18	11,[12],13	[9],10,11
		10,13,[14] 14,15 N/A	N/A 29,30.2,[33.2] N/A	N/A N/A N/A	11,12 X,[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20 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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FDD336	PowerPlex® Fusion						
	3e	15,16,17.3	17,22,23	13,14	15,18	11,12,13	9,10,11
		10,13,14	12,13,17	18,20,22	11,12	9,11,13	15,18
		14,15	29,30.2,33.2	11,13,15,16	X,Y	10,11,12	20
		9,11,12,13	7,12,13		7,8,9	8,11	16,17,18
FE7AMM	Identifiler® Plus, MiniFiler						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
FGWF6Y	Identifiler®						
	3e	-	22,23	-	15,18	11,12,13	10,11
		10,13,14	-	-	11,12	9,13	15,18
		14,15	29,30.2	-	X	10,11	20
		-	-	-	7,8	8,11	16
FH9P3K	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20
				7,8,[9]	8,11	16,[17],[18]	
FNWUTK	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
FPP8FT	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
FRDUWM	Identifiler® Plus						
	3e		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
FRNP78	PowerPlex® 16 HS, NGM SElect						
	3e	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X	10,11	20
		9,12	12,13	23.2,30.2	7,8	8,11	16

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

FVXAF8	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
					7,8,9	8,11	16,17,18
FX47U4	Identifiler® Plus, MiniFiler						
	3e	-	[17],22,23	-	15,18	11,[12],13	[9],10,11
		10,13,[14]	-	-	11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]	-	X,[Y]	10,11,[12]	20,20
		-	-	-	7,8,[9]	8,11	16,[18]
FYZBWR	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
					7,8,9	8,11	16,17,18
FZAMB9	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
					7,8,9	8,11	16,17,18
G2E4RV	Identifiler®						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20
					7,8,[9]	8,11	16,[17],[18]
G3TXRY	Identifiler® , MiniFiler						
	3e		[17],22,23		15,18	11,[12],13	10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,[30.2]		X	10,11,[12]	20
					7,[8],[9]	8,11	16,[17],[18]
G7U63N	PowerPlex® 16 HS						
	3e				15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
			29,30.2,33.2		X,Y	10,11,12	18,20
		9,11,12,13	7,12,13		7,8,9	8,11	16,17,18
G86RYH	PowerPlex® 16						
	3e				15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
				29,30.2,[33.2]		X,[Y]	10,11,[12]
		9,[11],12,[13]	7,12,13		7,8,[9]	8,11	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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G8NU6W	COfiler® and Profiler Plus®						
	3e				15,18	11,[12],13	[9],10,11
	10,13,[14]				11,12	9,[11],13	15,18
G8THYA	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
	10,13,14				11,12	9,[11],13	15,18
GB9MHK	Identifiler® Plus						
	3e		22,23		15,18	11,13	10,11
	10,13				11,12	9,13	15,18
GCXZXH	Identifiler®						
	3e		17,22,23		15,18	11,12,13	10,11
	10,13,14				11,12	9,11,13	15,18
GE9ELW	Identiler[sic] Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
	10,13,14				11,12	9,11,13	15,18
GEMB3G	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
	10,13,14				11,12	9,11,13	15,18
GHNTA3	Identifiler®						
	3e		(17),22,23		15,18	11,(12),13	(9),10,11
	10,13,(14)				11,12	9,(11),13	15,18
GJ2QR9	Identifiler®						
	3e		22,23		15,18	11,[12],13	[9],10,11
	10,13,[14]				11,12	9,[11],13	15,18

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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GJG44Y	Identifiler® Plus						
	3e		22,23		15,18	11,13	10,11
		10,13,14			11,12	9,11,13	15,18
GL4TCH	PowerPlex® 16						
	3e				15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
GLK4YP	Identifiler® Plus						
	3e	-	17,22,23	-	15,18	11,12,13	9,10,11
		10,13,14	-	-	11,12	9,11,13	15,18
GLTRUQ	PowerPlex® 16 HS						
	3e				15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
GMYCGQ	PowerPlex® 16 HS						
	3e	N/A	N/A	N/A	15,18	11,[12],13	[9],10,11
		10,13,[14]	N/A	N/A	11,12	9,13	15,18
GNE9U4	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
GP6YUV	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
GPKC4Z	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18

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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GQXRNT	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
GRCCG3	Identifiler® , MiniFiler						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
GTPQ4C	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
GXF6K7	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
GXKD28	PowerPlex® 16						
	3e				15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18,19
GZ3Q9M	PowerPlex® 16						
	3e		29,30.2,33.2		X,Y	10,11,12	20
		9,11,12,13	7,12,13		7,8,9	8,11	16,17,18
H2ER4M	Identifiler® Identifiler Plus						
	3e		[17 ^],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
H2U3P9	Identifiler®						
	3e		17,22,23		15,18	11,12,13	10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20
					7,8,[9]	8,11	16,[17],[18]
		14,15	29,30.2,33.2		X,Y	10,11,12	20
					7,8,9	8,11	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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H42KLH	PowerPlex® Fusion						
	3e	15,[16],17.3	[17],22,23	13,14	15,18	11,[12],13	[9],10,11
		10,13,[14]	12,[13],17	18,[20],[22]	11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]	11,[13],15,[16]	X,[Y]	10,11,[12]	20
		9,[11],12,[13]	[7],12,13		7,8,[9]	8,11	16,[17]
H4MY8F	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
H74KMF	Identifiler® , MiniFiler						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20,20
				7,8,[9]	8,11	16,[17],[18]	
H7LEGX	PowerPlex® 21						
	3e	15,17.3	22,23	NT	15,18	11,13	10,11
		10,13	NT	18,18	11,12	9,13	15,18
		14,15	29,30.2	NT	X,X	10,11,[12]	20,20
		9,12	12,13	NT	7,8	8,11	16,16
H7UWKA	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20
				7,8,[9]	8,11	16,[17],[18]	
HCW43X	Identifiler®						
	3e		17,22,23		15,18	11,12,13	[9],10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,12	20
				7,8,[9]	8,11	16,[17],[18]	
HFGVBE	PowerPlex® 16						
	3e				15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
			29,30.2,[33.2]		X,[Y]	10,11,[12]	20
		9,[11],12,[13]	[7],12,13		7,8,[9]	8,11	16,[17],[18]
HH72UQ	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,14			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,X,[Y]	10,11,12	20,20
				7,8,[9]	8,11	16,16,[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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HKAWDU	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
HPHUP2	Identifiler® Identifiler Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
HQD9HL	PowerPlex® 16 HS						
	3e		29,30.2,33.2		X,Y	10,11,12	20
		14,15			7,8,9	8,11	16,17,18
HR6GHP	PowerPlex® 16						
	3e		7,12,13		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
HUCC2D	Identifiler® Plus						
	3e		[7],12,13		X,[Y]	10,11,[12]	20
		9,[11],12,[13]			7,8,[9]	8,11	16,[17],[18]
HV737R	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
HWMPUV	PowerPlex® 16 HS						
	3e	N/A	N/A	N/A	X,[Y]	10,11,[12]	20
		10,13,[14]			7,8,[9]	8,11	16,[17],[18]
HYEJXR	Identifiler® Plus						
	3e		[7],12,13		15,18	11,[12],13	10,11
		10,13,[14]			11,12	9,[11],13	15,18
HKAWDU	Identifiler® Plus						
	3e		29,30.2		X,X,[Y]	10,11,[12]	20,20
		14,15			7,8,[9]	8,11	16,16,[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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HZ4Y28	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15			11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20,20 16,17,18
HZ7JV3	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15			11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
J7NYP4	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15			11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
J8DWW6	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15			11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
J8GNER	PowerPlex® 16						
	3e				15,18	11,12,13	9,10,11
		10,13,14 9,11,12,13		29,30.2,33.2 7,12,13	11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
JA9UQB	Identifiler® Plus						
	3e		22,23		15,18	11,[12],13	[9],10,11
		10,13,[14] 14,15			11,12 X,X,[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20,20 16,16,[17],[18]
JDQ7BY	Identifiler® , SGMPlus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15			11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20,20 16,17,18
JHDYF8	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,14 14,15			11,12 X,[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20 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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JJD26B	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,14			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,X,[Y]	10,11,[12]	20,20
				7,8,[9]	8,11	16,16,[17],[18]	
JJTPFX	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
JJUMQT	PowerPlex® 16 HS						
	3e				15,18	11,13	9,10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,11,12	12,13		7,8	8,11	16
JMDGRZ	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X	10,11,12	20
				7,8	8,11	16,17	
JQ9DBZ	Identifiler® Plus						
	3e	-	[17],22,23	-	15,18	11,[12],13	[9],10,11
		10,13,14	-	-	11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]	-	X,X,[Y]	10,11,[12]	20,20
		-	-	-	7,8,[9]	8,11	16,16,[17],[18]
JTZECCG	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
JUBUKU	PowerPlex® 21						
	3e	15,[16],17.3	[17],22,23		15,18	11,13	[9],10,11
		10,13,[14]		18,[20],[22]	11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20
	9,[11],12,[13]	[7],12,13		7,8,[9]	8,11	16,[17],[18]	
JUVUNE	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20,20
				7,8,9	8,11	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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JWW3Q4	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
JXEZ9V	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
K2MWYN	PowerPlex® Fusion						
	3e	15,[16],17.3	22,23	13,14	15,18	11,[12],13	[9],10,11
		10,13,[14]	12,[13],17	18,[20],[22]	11,12	9,[11],13	15,18
K3JQXY	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
K3WTH8	Identifiler®						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
K4F7AW	Identifiler®						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
K7FY3N	PowerPlex® 16						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
K7GR3G	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,14			11,12	9,11,13	15,18

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

K7NRCX	Identifiler® Plus						
	3e		22,23		15,18	11,13	10,11
		10,13,[14]			11,12	9,13	15,18
K97XLT	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
KAZVPT	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
KBP286	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
KF84MB	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
KF8C9F	Identifiler® Plus						
	3e		(17),22,23		15,18	11,(12),13	(9),10,11
		10,13,(14)			11,12	9,(11),13	15,18
KFMNT7	PowerPlex® 16 HS						
	3e		29,30.2,33.2		15,18	10,11,12	20
		9,11,12,13	7,12,13		7,8,9	8,11	16,17,18
KFT764	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,13	15,18
		14,15	29,30.2		X	10,11,12	20
					7,8,9	8,11	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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KKVYXT	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20
				7,8,[9]	8,11	16,[17],[18]	
KML83N	Goldeneye 20A						
	3e		22,23		15,18	11,13	10,11
		10,13		18,18	11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
		9,12	12,13		7,8	8,11	16,16
KMP7GB	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,X,[Y]	10,11,[12]	20,20
				7,8,[9]	8,11	16,16,[17],[18]	
KNJWMQ	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20
				7,8,[9]	8,11	16,[17],[18]	
KPEDYM	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,X,[Y]	10,11,[12]	20,20
				7,8,[9]	8,11	16,16,[17],[18]	
KPXL7P	Identifiler® Plus						
	3e		22,23		15,18	11,13	10,11
		10,13,[14]			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
KQ8WW2	PowerPlex® 16						
	3e				15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
			29,30.2,33.2		X,Y	10,11,12	20
	9,11,12,13	7,12,13		7,8,9	8,11	16,17,18	
KQ9VPA	PowerPlex® HS						
	3e				15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
			29,30.2,33.2		X,Y	10,11,12	20
	9,11,12,13	7,12,13		7,8,9	8,11	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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KTVWL3	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
KTX29L	PowerPlex® 16						
	3e				15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
			29,30.2,33.2		X,Y	10,11,12	20
		9,11,12,13	7,12,13		7,8,9	8,11	16,17,18
KVLD8Q	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
KVM76Y	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
KYXBNL	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
L28NY2	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
L3FXTJ	PowerPlex® PP16 HS						
	3e				15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
			29,30.2,33.2		X,Y	10,11,12	20
		9,11,12,13	7,12,13		7,8,9	8,11	16,17,18
L3HJMD	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	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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L4N98A	PowerPlex® 16						
	3e				15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
			29,30.2,[33.2]		X,[Y]	10,11,[12]	20
L7DKH2	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
LAGANF	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
LC3WJN	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
LCXN3N	PowerPlex® Fusion						
	3e	15,[16],17.3	[17],22,23	13,14	15,18	11,[12],13	10,11
		10,13,[14]	12,[13],17	18,[20],[22]	11,12	9,[11],13	15,18
		14,15	29,30.2	11,15,[16]	X,[Y]	10,11,[12]	20
LEMXCP	PowerPlex® Fusion						
	3e	15,16,17.3	17,22,23	13,14	15,18	11,12,13	9,10,11
		10,13,14	12,13,17	18,20,22	11,12	9,11,13	15,18
		14,15	29,30.2,33.2	11,13,15,16	X,Y	10,11,12	20
LFPYJN	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
LHQJC9	PowerPlex® 16 HS						
	3e				15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
			29,30.2,33.2		X,Y	10,11,12	20
		9,11,12	7,12,13		7,8,9	8,11	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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LJJZEB	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14] 14,15			11,12 X,X,[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20,20 16,16,[17],[18]
LJKEQ6	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15		29,30.2,33.2	11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
LJZQDG	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15		29,30.2,33.2	11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20,20 16,17,18
LKUJ38	Identifiler®						
	3e		17,22,23		15,18	11,13	10,11
		10,13,14 14,15		29,30.2,33.2	11,12 X 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
LLBL4E	Identifiler® Plus, MiniFiler						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15		29,30.2,33.2	11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
LRZZXM	PowerPlex® 16						
	3e				15,18	11,[12],13	[9],10,11
		10,13,[14] 9,[11],12,[13]		29,30.2,[33.2] [7],12,13	11,12 X,[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20 16,[17],[18]
LT4X3N	Identifiler®						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14] 14,15		29,30.2,[33.2]	11,12 X,[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20 16,[17],[18]
LTR83K	PowerPlex® 16						
	3e				15,18	11,12,13	9,10,11
		10,13,14 9,11,12,13		29,30.2,33.2 7,12,13	11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 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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LUNMEG	PowerPlex® 16 HS						
	3e				15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
			29,30.2,33.2		X,Y	10,11,12	20
LV9QU2	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
LYZRMP	Identifiler® Plus						
	3e		[17],22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
LZUABR	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20
M2J3K2	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
M2V6G	Identifiler® Plus, PowerPlex® 16						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
M4PXAQ	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
M9GJAK	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20,20
				7,8,9	8,11	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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MBKETN	PowerPlex® 16 HS						
	3e	N/A	N/A	N/A	15,18	11,[12],13	[9],10,11
		10,13,[14]	N/A	N/A	11,12	9,13	15,18
		N/A	29,30.2,[33.2]	N/A	X,[Y]	10,11,[12]	20
	9,[11],12,[13]	[7],12,13	N/A	7,8,[9]	8,11	16,[17],[18]	
MBL8PB	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20,20
				7,8,9	8,11	16,17,18	
MCLX47	Identifiler® Identifiler Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20
				7,8,[9]	8,11	16,[17],[18]	
MCYNWW	Identifiler® Plus						
	3e	-	17,22,23	-	15,18	11,12,13	9,10,11
		10,13,14	-	-	11,12	9,11,13	15,18
		14,15	29,30.2,33.2	-	X,Y	10,11,12	20
	-	-	-	7,8,9	8,11	16,17,18	
ME3JFZ	Identifiler® , PowerPlex®						
	3e		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20
	9,12	12,13		7,8	8,11	16	
MFJE2D	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,X,[Y]	10,11,[12]	20,20
				7,8,[9]	8,11	16,16,[17],18]	
MH9KJN	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
MJJUM3	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,X,[Y]	10,11,[12]	20,20
				7,8,[9]	8,11	16,16,[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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MJKDHW	PowerPlex® 21						
	3e	15,[16],17.3	22,23		15,18	11,13	10,11
		10,13,[14]		18,[20],[22]	11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20,20
		9,12	[7],12,13		7,8,[9]	8,11	16,[17],[18]
MKR3RF	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
MLPEB3	Identifiler®						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20
				7,8,[9]	8,11	16,[17],[18]	
MNXTCV	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
MPA6YL	PowerPlex® 16 HS						
	3e				15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
			29,30.2,[33.2]		X,[Y]	10,11,[12]	20
		9,[11],12,[13]	[7],12,13		7,8,[9]	8,11	16,[17],[18]
MPMREE	PowerPlex® Fusion						
	3e	15,16,17.3	17,22,23	13,14	15,18	11,12,13	10,11
		10,13,14	12,13,17	18,20,22	11,12	9,11,13	15,18
		14,15	29,30.2,33.2	11,13,15,16	X,Y	10,11,12	20,20
		9,11,12	7,12,13		7,8,9	8,11	16,17,18
MQMU4J	Identifiler® Plus						
	3e		[17^],22,23		15,18	11,[12^],13	[9^],10,11
		10,13,14			11,12	9,[11^],13	15,18
		14,15	29,30.2,[33.2^]		X,[Y^]	10,11,[12]	20
				7,8,[9^]	8,11	16,[17^],[18^]	
MRT9KX	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	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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MT7EZR	PowerPlex® PowerPlex® 21						
	3e	15,[16],17.3	[17],22,23		15,18	11,[12],13	10,11
		10,13,[14]		18,[20],[22]	11,12	9,[11],13	15,18
		14,15	29,30.2		X,[Y]	10,11,[12]	20,20
		9,[11],12,[13]	[7],12,13		7,8,[9]	8,11	16,[17]
MTB724	PowerPlex® Fusion						
	3e	15,[16],17.3	[17],22,23	13,14	15,18	11,12,13	9,10,11
		10,13,14	12,13,17	18,[20],22	11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]	11,13,15,[16]	X,Y	10,11,12	20
		9,[11],12,[13]	7,12,13		7,8,[9]	8,11	16,[17],18
MTZT37	Identifiler® , MiniFiler						
	3e	NT	17,22,23	NT	15,18	11,12,13	9,10,11
		10,13,14	NT	NT	11,12	9,11,13	15,18
		14,15	29,30.2,33.2	NT	X,Y	10,11,12	20
		NT	NT	NT	7,8,9	8,11	16,17,18
MUGXMP	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
					7,8,9	8,11	16,17,18
MXZPZD	PowerPlex® 16						
	3e				15,18	11,12,13	[9],10,11
		10,13,14			11,12	9,[11],13	15,18
			29,30.2,[33.2]		X,[Y]	10,11,[12]	20
		9,[11],12,[13]	7,12,13		7,8,[9]	8,11	16,[18]
MYCQH7	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
					7,8,9	8,11	16,17,18
MZ7EYF	Identifiler® Plus						
	3e	NT	[17],22,23	NT	15,18	11,[12],13	[9],10,11
		10,13,[14]	NT	NT	11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]	NT	X,[Y]	10,11,[12]	20
		NT	NT	NT	7,8,[9]	8,11	16,[17],[18]
MZPCEL	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2		X,X,[Y]	10,11,[12]	20,20
					7,8,[9]	8,11	16,16,[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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N2ZQRE	Identifiler® Plus						
	3e	N/A	17,22,23	N/A	15,18	11,12,13	9,10,11
		10,13,14	N/A	N/A	11,12	9,11,13	15,18
		14,15	29,30.2,33.2	N/A	X,Y	10,11,12	20
		N/A	N/A	N/A	7,8,9	8,11	16,17,18
N38PM3	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
N4L66B	PowerPlex® 16						
	3e				[15],18	11,[12],[13]	9,10,11
		10,13,14			11,[12]	9,11,13	[15],18
			29,30.2,33.2		X,[Y]	10,11,12	20
		9,11,12,13	7,[12],[13]		7,8,9	8,[11]	16,[17],[18]
NC8KFR	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
NCDP4G	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,14			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,X,[X],[Y]	10,11,12	20,20
				7,8,[9]	8,11	16,16,[17],[18]	
ND8WJT	Identifiler®						
	3e		22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20
				7,8,[9]	8,11	16,[17]	
NDDFHC	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
NEJ27C	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20,20
				7,8,9	8,11	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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NEXLLF	SGM Select						
	3e	15,[16],17.3	[17],22,23	13,14	15,18		
		10,13,[14]	12,[13],17	18,18,[20],[22]		9,[11],13	15,18
		14,15	29,30.2,[33.2]	11,[13],15,[16]	X,X,[Y]		20,20
			[12],23.2,30.2	7,8,[9]		16,16,[17],[18]	
NFVXD3	Identifiler®						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20
				7,8,[9]	8,11	16,[17],[18]	
NGPLUC	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
NKPNV8	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
NMVZY3	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
NMYAMY	PowerPlex® PP21						
	3e	15,16,17.3	22,23		15,18	11,12,13	10,11
		10,13,14		18,20,22	11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20,20
				7,8	8,11	16,18	
NQBPZQ	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
NQCRKP	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20,20
				7,8,9	8,11	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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NRTLNJ	PowerPlex® 16						
	3e				15,18	11,12,13	9,10,11
	10,13,14				11,12	9,11,13	15,18
	9,11,12,13	29,30.2,33.2	7,12,13		X,Y	10,11,12	20
NT2VH3	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
	10,13,[14]				11,12	9,[11],13	15,18
	14,15	29,30.2,[33.2]			X,X,[Y]	10,11,[12]	20,20
NTK6HB	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
	10,13,14				11,12	9,11,13	15,18
	14,15	29,30.2,33.2			X,Y	10,11,12	20
NUVQWX	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
	10,13,14				11,12	9,11,13	15,18
	14,15	29,30.2,33.2			X,Y	10,11,12	20
NWEW49	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
	10,13,[14]				11,12	9,[11],13	15,18
	14,15	29,30.2,[33.2]			X,[Y]	10,11,[12]	20,20
P2BH9H	PowerPlex® 16 HS						
	3e				15,18	11,12,13	9,10,11
	10,13,14				11,12	9,11,13	15,18
	9,11,12,13	29,30.2,33.2	7,12,13		X,Y	10,11,12	20
P6CMJG	PowerPlex® 16						
	3e				15,18	11,12,13	9,10,11
	10,13,14				11,12	9,11,13	15,18
	9,11,12,13	29,30.2,33.2	7,12,13		X,Y	10,11,12	20
P73XAA	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
	10,13,14				11,12	9,11,13	15,18
	14,15	29,30.2,33.2			X,Y	10,11,12	20
					7,8,9	8,11	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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P74CU3	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14] 14,15	29,30.2,[33.2]		11,12 X,[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20 16,[17],[18]
P9W2JP	PowerPlex® 21						
	3e	15,[16],17.3	[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14] 14,15	29,30.2,[33.2]	18,[20],[22]	11,12 X,[Y]	9,[11],13 10,11,[12]	15,18 20
		9,[11],12,[13]	[7],12,13		7,8,[9]	8,11	16,[17],[18]
PD7QVQ	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14] 14,15	29,30.2,[33.2]		11,12 X,[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20 16,[17],[18]
PDMEZJ	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14] 14,15	29,30.2,[33.2]		11,12 X,X,[Y] 7,8,[9]	9,[11],13 10,11,12 8,11	15,18 20,20 16,16,[18]
PEYNW7	Identifiler®						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14] 14,15	29,30.2,[33.2]		11,12 X,X,[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20,20 16,16,[17,18]
PJP7AW	Identifiler®						
	3e		22,23		15,18	11,13	10,11
		10,13,14 14,15	29,30.2,33.2		11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
PLBUKW	Identifiler® Plus						
	3e	-	17,22,23	-	15,18	11,12,13	9,10,11
		10,13,14 14,15	29,30.2,33.2	-	11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
		-	-	-			
PNQZHY	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15	29,30.2,33.2		11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 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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PNZ4UX	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
PQABXQ	COfiler® and Profiler Plus® , Identifiler® , MiniFiler						
	3e		[17],22,23		15,18	11,13	[9],10,11
		10,13,[14]			11,[12]	9,[11],13	15,18
PQBYKV	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
PR6Z9Y	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
PTLRPV	Identifiler® , MiniFiler						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
PWDACL	PowerPlex® Fusion						
	3e	15,16,17.3	17,22,23	13,14	15,18	11,12,13	9,10,11
		10,13,14	12,13,17	18,20,22	11,12	9,11,13	15,18
PY6PZG	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
PYPTQP	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	10,11
		10,13,[14]			11,12	9,[11],13	15,18

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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PYX482	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
Q7YLC7	PowerPlex® HS						
	3e				15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
			29,30.2,33.2		X,Y	10,11,12	20
	9,11,12,13	7,12,13		7,8,9	8,11	16,17,18	
Q7YNZP	Identifiler® Plus, MiniFiler						
	3e	Not tested	[17],22,23	Not tested	15,18	11,13	[9],10,11
		10,13,[14]	Not tested	Not tested	11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]	Not tested	X,X,[Y]	10,11,[12]	20,20
	Not tested	Not tested	Not tested	7,8,[9]	8,11	16,16,[18]	
Q89TDD	PowerPlex® 16						
	3e				15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
			29,30.2,33.2		X,Y	10,11,12	20
	9,11,12,13	7,12,13		7,8,9	8,11	16,17,18	
Q8BDDA	Identifiler® Plus, MiniFiler						
	3e		22,23		18,*	11	INC
		INC			11,12	9,13	18,*
		15,*	INC		X	10	20
				7,8	8,*	16	
Q8TE2W	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
Q9PTUG	PowerPlex® 16						
	3e				15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
			29,30.2,33.2		X,Y	10,11,12	20
	9,11,12,13	7,12,13		7,8,9	8,11	16,18	
QBXXAQ	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	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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QCBXHY	Identifiler® Plus						
	3e		22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
QDK6J8	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
QFP8H4	PowerPlex® HS						
	3e				15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
QGJ3WZ	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
QL8PMY	GlobalFiler						
	3e	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18,18	11,12	9,13	15,18
QM9TMM	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,14			11,12	9,11,13	15,18
QQKKAN	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
QQN64H	PowerPlex® 16						
	3e				15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
			29,30.2,33.2		X,Y	10,11,12	20
		9,11,12,13	7,12,13		7,8,9	8,11	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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QQRTXV	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,X,[X],[Y]	10,11,[12]	20,20
					7,8,[9]	8,11	16,16,[17],[18]
QRJN86	PowerPlex® PP16 HS						
	3e				15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
			29,30.2,33.2		X,Y	10,11,12	20
		9,11,12,13	7,12,13		7,8,9	8,11	16,17
QT2XFQ	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20,20
					7,8,9	8,11	16,17,18
QU4NVY	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
					7,8,9	8,11	16,17,18
QYJD29	PowerPlex® 16						
	3e				15,18	11,(12),13	(9),10,11
		10,13,14			11,12	9,(11),13	15,18
			29,30.2,(33.2)		X,(Y)	10,11,12	20
		9,(11),12,(13)	7,12,13		7,8	8,11	16,(17),(18)
QZHE4U	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20,20
					7,8,[9]	8,11	16,[17],[18]
R272NF	PowerPlex® 16 HS						
	3e	-	-	-	15,18	11,12,13	9,10,11
		10,13,14	-	-	11,12	9,13	15,18
		-	29,30.2,33.2	-	X,Y	10,11,12	20
		9,11,12,13	7,12,13	-	7,8,9	8,11	16,17,18
R2KX3E	Identifiler®						
	3e		[17],22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,[33.2]		X,X,[Y]	10,11,12	20,20
					7,8,[9]	8,11	16,16,[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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R3BKFW	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
R3DDBJ	Identifiler®						
	3e		22,23		15,18	11,13	10,11
		10,13,[14]			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
R6KZBN	PowerPlex® PP21						
	3e	15,16,17.3	17,22,23		15,18	11,12,13	9,10,11
		10,13,14		18,20,22	11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20,20
		9,11,12,13	7,12,13		7,8,9	8,11	16,17,18
R7UTPH	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20,20
		-	-		7,8,9	8,11	16,17,18
R7XJBK	Identifiler® Plus						
	3e		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
R9H3YJ	PowerPlex® 16 HS						
	3e				15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
			29,30.2,33.2		X,Y	10,11,12	20
		9,11,12,13	7,12,13		7,8,9	8,11	16,17,18
RADWBT	Identifiler® Plus						
	3e	-	17,22,23	-	15,18	11,12,13	9,10,11
		10,13,14	-	-	11,12	9,11,13	15,18
		14,15	29,30.2,33.2	-	X,Y	10,11,12	20
		-	-	-	7,8,9	8,11	16,17,18
RAKLAZ	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20
				7,8,[9]	8,11	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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RC27LU	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
RERP88	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8	8,11	16,17,18	
REVW4F	Identifiler® Plus						
	3e		[17^],22,23		15,18	11,[12^],13	[9^],10,11
		10,13,[14]			11,12	9,[11^],13	15,18
		14,15	29,30.2,[33.2^]		X,[Y^]	10,11,[12^]	20
				7,8,[9^]	8,11	16,[17^],[18^]	
RJ9ELX	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
RLM96B	Identifiler® , Identifiler Plus, PowerPlex® 16, PowerPlex® 16 HS, MiniFiler						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
		9,11,12,13	7,12,13		7,8,9	8,11	16,17,18
RM394C	Identifiler® Plus						
	3e	N/A	[17],22,23	N/A	15,18	11,[12],13	[9],10,11
		10,13,[14]	N/A	N/A	11,12	9,13	15,18
		14,15	29,30.2,[33.2]	N/A	X,X,[Y]	10,11,[12]	20,20
		N/A	N/A	N/A	7,8,[9]	8,11	16,16,[17],[18]
RNHWFJ	PowerPlex® 16 HS						
	3e				15,18	11,12,13	9,10,11
		10,13,14			11,12	9,13	15,18
			29,30.2,33.2		X,Y	10,11,12	20
		9,11,12,13	7,12,13		7,8,9	8,11	16,17,18
RNVMBV	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	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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RPQHDD	Identifiler® Plus						
	3e	-	17,22,23	-	15,18	11,12,13	9,10,11
		10,13,14	-	-	11,12	9,11,13	15,18
		14,15	29,30.2,33.2	-	X,Y	10,11,12	20,20
		-	-	-	7,8,9	8,11	16,17,18
RRDT24	PowerPlex® HS						
	3e				15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
			29,30.2,33.2		X,Y	10,11,12	20
		9,11,12,13	7,12,13		7,8,9	8,11	16,17,18
RUZEPK	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
					7,8,9	8,11	16,17,18
RVCW3Y	PowerPlex® 21						
	3e	15,17.3	22,23	-	15,18	11,13	10,11
		10,13	-	18,18	11,12	9,13	15,18
		14,15	29,30.2	-	X,X	10,11	20,20
		9,12	12,13	-	7,8	8,11	16,16
RVY7B8	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
					7,8,9	8,11	16,17,18
RWBYUN	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
					7,8,9	8,11	16,17,18
RXJJCW	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
					7,8,9	8,11	16,17,18
RYVRK3	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,[33.2]		X,X,[Y]	10,11,12	20,20
					7,8,[9]	8,11	16,16,[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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T2JGNF	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15			11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
T3BJ9A	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,14 14,15			11,12 X,X,[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20,20 16,16,[17],[18]
T42DLY	COfiler® and Profiler Plus® , Identifiler®						
	3e		22,23		15,18	11,13	10,11
		10,13 14,15			11,12 X 7,8	9,13 10,11 8,11	15,18 20 16
T4RYW7	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15			11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
T7R4GE	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15			11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
T8N6HG	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14] 14,15			11,12 X,X,[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20,20 16,16,[17],[18]
TATAX6	Identifiler®						
	3e		17,22,23		15,18	11,13	10,11
		10,13,14 14,15			11,12 X 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
TAX6MN	Identifiler®						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14] 14,15			11,12 X,[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20,20 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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TB6YAU	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
TC3A3C	PowerPlex® 16						
	3e				15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
TDFY9A	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
TJ2PWQ	PowerPlex® 16						
	3e				15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
TJKPPU	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
TJUUXC	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
TJWJ7F	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
TKCQL7	Profiler® Plus						
	3e				15,18	11,12,13	9,10,11
		10,13,14			11,12		15,18
			29,30.2,33.2		X,X		20,20
							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

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TKWDDZ	Identifiler®						
	3e		(17),22,23		15,18	11,(12),13	9,10,11
		10,13,14			11,12	9,(11),13	15,18
		14,15	29,30.2,(33.2)		X	10,11,12	20
				7,8,(9)	8,11	16,(17),(18)	
TL36UF	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
TL7GRK	Identifiler® Plus						
	3e	-	17,22,23	-	15,18	11,12,13	9,10,11
		10,13,14	-	-	11,12	9,11,13	15,18
		14,15	29,30.2,33.2	-	X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
TLKZE3	Profiler® Plus						
	3e				15,18	11,12,13	9,10,11
		10,13,14			11,12		15,18
			29,30.2,33.2		X,Y		20,20
						16,17,18	
TMFNTR	Identifiler® Plus						
	3e	-	17,22,23	-	15,18	11,12,13	9,10,11
		10,13,14	-	-	11,12	9,11,13	15,18
		14,15	29,30.2,33.2	-	X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
TMYK6R	Identifiler®						
	3e		17,22,23		15,18	11,13	10,11
		10,13,14			11,12	9,13	15,18
		14,15	29,30.2,33.2		X	10,11,12	20
				7,8	8,11	16,18	
TN9FWB	PowerPlex® PP16 HS						
	3e				15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
			29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
TPL9GR	Identifiler® Plus						
	3e	-	17,22,23	-	15,18	11,12,13	9,10,11
		10,13,14	-	-	11,12	9,11,13	15,18
		14,15	29,30.2,33.2	-	X,Y	10,11,12	20
				7,8,9	8,11	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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TQLDJL	PowerPlex® 21						
	3e	15,16,17.3	17,22,23		15,18	11,12,13	9,10,11
		10,13,14		18,20,22	11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20,20
		9,11,12,13	7,12,13		7,8,9	8,11	16,17,18
TQMBUH	Identifiler® Plus, Y-filer						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20
				7,8,[9]	8,11	16,[17],[18]	
TRU6GN	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
TUJEP4	PowerPlex® 16 HS						
	3e				15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
			29,30.2,33.2		X,Y	10,11,12	20
		9,11,12,13	7,12,13		7,8,9	8,11	16,17,18
TXLCZW	NGM SElect						
	3e	15,[16],17.3	[17],22,23	13,14	15,18		
		10,13,14	12,13,[16],17	18,[20],[22]		9,[11],13	15,18
		14,15	29,30.2,[33.2]	11,[13],15,[16]	X,[Y]		20,20
			[12],23.2,30.2	7,8,[9]		16,[17],[18]	
TYBHH9	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20
				7,8,[9]	8,11	16,[17],[18]	
TZ4PKK	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20
				7,8,[9]	8,11	16,[17],[18]	
U4W4FK	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	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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U4X2NV	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20,20
					7,8,[9]	8,11	16,[17],[18]
U6QUJE	Identifiler® Plus						
	3e	-	17,22,23	-	15,18	11,12,13	9,10,11
		10,13,14	-	-	11,12	9,11,13	15,18
		14,15	29,30.2,33.2	-	X,Y	10,11,12	20
		-	-	-	7,8,9	8,11	16,17,18
U7MBVB	Identifiler®						
	3e		(17),22,(23)		(15),18	11,(12),(13)	(9),10,11
		10,13,14			11,(12)	9,(11),13	(15),18
		14,15	29,(30.2),(33.2)		X,(Y)	10,11,12	20
					7,8,(9)	8,(11)	16,(17),(18)
U8G22P	Identifiler® Plus						
	3e	-	17,22,23	-	15,18	11,12,13	9,10,11
		10,13,14	-	-	11,12	9,11,13	15,18
		14,15	29,30.2,33.2	-	X,Y	10,11,12	20
		-	-	-	7,8,9	8,11	16,17,18
U8MLV7	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,14			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,X,[Y]	10,11,[12]	20,20
					7,8,[9]	8,11	16,16,[17],18]
U92GTE	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,14			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,12	20
					7,8,[9]	8,11	16,[17],[18]
U9DTDG	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20,20
					7,8,9	8,11	16,17,18
UA7B44	PowerPlex® 16 HS						
	3e				15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
			29,30.2,33.2		X,Y	10,11,12	20
		9,11,12,13	7,12,13		7,8,9	8,11	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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UCFB9B	Identifiler® Plus						
	3e		[17 [^]],22,23		15,18	11,[12],13	[9 [^]],10,11
		10,13,14 14,15	29,30.2,[33.2 [^]]		11,12 X,[Y [^]] 7,8,[9]	9,[11],13 10,11,12 8,11	15,18 20 16,[17 [^]],[18 [^]]
UCVKD6	PowerPlex® 16						
	3e				15,18	11,12,13	9,10,11
		10,13,14 9,11,12,13	29,30.2,33.2 7,12,13		11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
UGMZDC	Identifiler® , MiniFiler						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14] 14,15	29,30.2,[33.2]		11,12 X,[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20 16,[17],[18]
UGR9UC	PowerPlex®						
	3e				15,18	11,[12],13	[9],10,11
		10,13,[14] 9,[11],12,[13]	29,30.2,[33.2] 7,12,13		11,12 X,[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20 16,[18]
UL7CU9	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15	29,30.2,33.2		11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
ULJHZ6	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15	29,30.2,33.2		11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20,20 16,17,18
UQBMT9	Identifiler® Plus						
	3e	NT	[17],22,23	NT	15,18	11,[12],13	[9],10,11
		10,13,[14] 14,15 NT	NT 29,30.2,[33.2] NT	NT NT NT	11,12 X,[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20 16,[17],[18]
UQE8M4	PowerPlex® 16 HS						
	3e				15,18	11,12,13	9,10,11
		10,13,14 9,11,12,13	29,30.2,33.2 7,12,13		11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 18,20 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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UQF8GC	Identifiler® Plus						
	3e		(17),22,23		15,18	11,(12),13	(9),10,11
		10,13,(14)			11,12	9,(11),13	15,18
		14,15	29,30.2,(33.2)		X,X,(X),(Y)	10,11,(12)	20,20
				7,8,(9)	8,11	16,16,(17),(18)	
UQFXV8	Identifiler®						
	3e		[17],22,23		15,18	11,(12),13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,12	20
				7,8,[9]	8,11	16,[17],[18]	
UQYWT6	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
UTDUP7	PowerPlex® 16 HS						
	3e				15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
			29,30.2,33.2		X,Y	10,11,12	20
			7,12,13		7,8,9	8,11	16,17,18
UTXB3N	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
UXCVGN	Identifiler® Plus						
	3e		[17],22,23		15,18	11,(12),13	[9],10,11
		10,13,14			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20
				7,8,[9]	8,11	16,[17],18]	
V3PVDF	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
V6PEQE	PowerPlex® Fusion						
	3e	15,[16],17.3	[17],22,[23]	13,14	15,18	11,[12],13	[9],10,11
		10,13,14	12,[13],17	18,[20],[22]	11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]	11,[13],15,[16]	X,[Y]	10,11,[12]	20
		9,[11],12,[13]	[7],12,13		7,8,[9]	8,11	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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V77E7W	PowerPlex® HS						
	3e				15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
			29,30.2,33.2		X,Y	10,11,12	20
		9,11,12,13	7,12,13		7,8,9	8,11	16,17,18
V7JA7V	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
					7,8,9	8,11	16,17,18
VCT8AA	PowerPlex® 16 HS						
	3e				15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
			29,30.2,33.2		X,Y	10,11,12	20
		9,11,12,13	7,12,13		7,8,9	8,11	16,17,18
VCTAYE	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
					7,8,9	8,11	16,17,18
VDMZZM	Identifiler® Plus						
	3e	-	[17],22,23	-	15,18	11,[12],13	[9],10,11
		10,13,[14]		-	11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]	-	X,[Y]	10,11,[12]	20,20
		-	-	-	7,8,[9]	8,11	16,[17],[18]
VG8PP7	Identifiler® Plus						
	3e		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
VHGWRY	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X	10,11,12	20
					7,8	8,11	16,17,18
VJ834H	Identifiler®						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,14			11,12	9,[11],13	15,18
		14,15	29,30.2,33.2		X,[Y]	10,11,12	20
					7,8,[9]	8,11	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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VJ9LYD	Identifiler® ID Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15			11,12 X,X,[Y] 7,8,[9]	9,[11],13 10,11,12 8,11	15,18 20,20 16,16,[17,18]
VLJTDM	Globalfiler						
	3e	15,16,17.3	[17],22,23	13,14	15,18	11,12,13	[9],10,11
		10,13,[14] 14,15	12,13,17 29,30.2	18,[22] 11,[13],15,[16]	11,12 X,[Y]	9,13 10,11,12	15,18 20
		n/a	n/a	[12],23.2,30.2	7,8,[9]	8,11	16,[17],[18]
VM92K3	PowerPlex® 16						
	3e				15,18	11,[12],13	[9],10,11
		10,13,14			11,[12] X,[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20 16,[17],[18]
VMQ8QU	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15			11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
VR32XC	PowerPlex® 16						
	3e	-	-	-	15,18	11,12,13	9,10,11
		10,13,14	-	-	11,12	9,[11],13	15,18
		-	29,30.2,[33.2]	-	X,[Y]	10,11,[12]	20
VRMN9F	PowerPlex® Fusion						
	3e	15,(16),17.3	(17),22,23	13,14	15,18	11,(12),13	(9),10,11
		10,13,(14) 14,15	12,(13),17 29,30.2,(33.2)	18,(20),(22) 11,(13),15,(16)	11,12 X,(Y)	9,(11),13 10,11,(12)	15,18 20
		9,(11),12,(13)	(7),12,13		7,8,(9)	8,11	16,(17),(18)
VV36QK	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15			11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
VV7JQJ	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15			11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 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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WQDWH	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
WVEXE8	Identifiler® Plus, PowerPlex® 16, MiniFiler						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2		X,Y	10,11,12	20
		9,11,12,13	7,12,13		7,8,9	8,11	16,17
VX82RF	PowerPlex® 16 HS						
	3e				15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
			29,30.2,[33.2]		X,[Y]	10,11,[12]	20
		9,[11],12,[13]	[7],12,13		7,8,[9]	8,11	16,[17],[18]
VZJ37F	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20
				7,8,[9]	8,11	16,[17],[18]	
W3KZ8E	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
W3XFCF	PowerPlex® FUSION						
	3e	15,16,17.3	17,22,23	13,14	15,18	11,12,13	9,10,11
		10,13,14	12,13,17	18,20,22	11,12	9,11,13	15,18
		14,15	29,30.2,33.2	11,13,15,16	X,Y	10,11,12	20
		9,11,12,13	7,12,13		7,8,9	8,11	16,17,18
W8UFCW	PowerPlex® 16 HS						
	3e				15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
			29,30.2,33.2		X,Y	10,11,12	20
		9,11,12,13	7,12,13		7,8,9	8,11	16,17,18
W99CTF	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	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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WAZUTB	Identifiler® Plus						
	3e		22,23		15,18	11,13	10,11
		10,13			11,12	9,11,13	15,18
WBUHAK	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
WCALEX	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
WDJTHQ	PowerPlex® PP16						
	3e				15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
WGJCQX	Identifiler® , Identifiler Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,13	15,18
WJKZNT	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
WKHBW4	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
WKVX2B	PowerPlex® 16 HS, NGM SElect						
	3e	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
	14,15	29,30.2	11,15	X	10,11	20	
	9,12	12,13	23.2,30.2	7,8	8,11	16	

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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WLUZC9	PowerPlex® 16						
	3e				15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
			29,30.2,33.2		X,Y	10,11,12	20
WLVPHR	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
WMNBXG	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20
WPAJ4Q	Identifiler® Plus, PowerPlex® 16						
	3e		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
WPWXHV	Identifiler® Plus, MiniFiler						
	3e	N/A	[17],22,23	N/A	15,18	11,13	[9],10,11
		10,13,[14]	N/A	N/A	11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]	N/A	X,[Y]	10,11,[12]	20
WR4B7N	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X	10,11,12	20
WV2WXR	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,13	15,18
		14,15	29,30.2		X	10,11,12	20
WYJZLN	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	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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WZT72X	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,14 14,15		29,30.2,[33.2]	11,12 X,X,[Y] 7,8,[9]	9,[11],13 10,11,12 8,11	15,18 20,20 16,16,[17],[18]
X2KETE	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15		29,30.2,33.2	11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
X2NYM9	Identifiler® Plus, Identifiler						
	3e		[17^],22,23		15,18	11,[12],13	[9^],10,11
		10,13,[14^] 14,15		29,30.2,[33.2^]	11,12 X,[Y^] 7,8,[9^]	9,[11],13 10,11,12 8,11	15,18 20 16,[17^],[18^]
X3XE2M	Identifiler® Plus						
	3e		[17],22,23		15,18	11,13	[9],10,11
		10,13,[14] 14,15		29,30.2,[33.2]	11,12 X,X,[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20,20 16,16,[18]
X4UWYH	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	[9],10,11
		10,13,14 14,15		29,30.2,33.2	11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,[18]
X7CNY7	PowerPlex® HS						
	3e				15,18	11,12,13	9,10,11
		10,13,14		29,30.2,33.2	11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
X7H7B4	Identifiler® Plus, MiniFiler						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15		29,30.2	11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
X87JD2	Identifiler®						
	3e		17,22,23		15,18	11,12,13	10,11
		10,13,14 14,15		29,30.2,33.2	11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17

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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X92X98	PowerPlex® 16						
	3e				15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
			29,30.2,33.2		X,Y	10,11,12	20
XAXZQ2	Identifiler® Identifiler Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
XC3YBP	Identifiler®						
	3e		22,23		15,18	11,13	9,10,11
		10,13,14			11,12	9,13	15,18
		14,15	29,30.2		X	10,11,12	20
XCLA3N	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20,20
XCMW9M	PowerPlex® 16						
	3e				15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
			29,30.2,33.2		X,Y	10,11,12	20
XDGKNX	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
XJ3FP2	Identifiler®						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20
XJL44P	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20,20
				7,8,9	8,11	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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XJMYTM	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15		29,30.2,33.2	11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
XMLYZC	PowerPlex® 16						
	3e				15,18	11,12,13	9,10,11
		10,13,14 14,15		29,30.2,33.2	11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
XNZUFC	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14] 14,15		29,30.2	11,12 X,X,[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20,20 16,16,[17],[18]
XQ7898	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14] 14,15		29,30.2,[33.2]	11,12 X,[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20 16,[17],[18]
XQ7F3C	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14] 14,15		29,30.2,[33.2]	11,12 X,X,[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20,20 16,[17],[18]
XRLJYP	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14] 14,15		29,30.2,[33.2]	11,12 X,[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20 16,[17],[18]
XRXFZN	Identifiler®						
	3e		22,23		15,18	11,13	10,11
		10,13,14 14,15		29,30.2	11,12 X 7,8	9,13 10,11,12 8,11	15,18 20 16
XTPLC8	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14] 14,15		29,30.2,[33.2]	11,12 X,X,[X],[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20,20 16,16,[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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XUK2P6	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14] 14,15	29,30.2,[33.2]		11,12 X,[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20 16,[17],[18]
XVAE62	Identifiler®						
	3e		[17],22,23		15,18	11,13	[9],10,11
		10,13,[14] 14,15	29,[30.2],[33.2]		11,12 X 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20 16
XZB2XB	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14] 14,15	29,30.2,[33.2]		11,12 X,X,[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20,20 16,16,[17],[18]
Y2HEJJ	Identifiler®						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14] 14,15	29,30.2,[33.2]		11,12 X,[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20 16,[17],[18]
Y2JYXT	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14] 14,15	29,30.2,[33.2]		11,12 X,[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20 16,[17]
Y3X7JA	PowerPlex® 16 HS						
	3e				15,18	11,12,13	9,10,11
		10,13,14	29,30.2,33.2		11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
Y4LX27	Identifiler®						
	3e		[17],22,[23]		[15],18	11,[12],[13]	[9],[10],11
		[10],[13],14 14,15	29,[30.2],[33.2]		11,[12] X,[Y] 7,8,[9]	[9],[11],13 [10],11,12 8,[11]	[15],18 20 16,[17],[18]
Y4NY8J	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15	29,30.2,33.2		11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 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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Y928NB	Identifiler® Plus						
	3e		22,23		15,18	11,[12],13	10,11
		10,13,[14]			11,12	9,[11],13	15,18
YAAFH3	Identifiler® Plus, MiniFiler						
	3e		22,23		15,18	11,12,13	10,11
		10,13,14			11,12	9,13	15,18
YAQNRQ	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
YBKB7F	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
YBMPNM	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
YCF2AA	PowerPlex® Fusion						
	3e	15,[16],17.3	[17],22,23	13,14	15,18	11,[12],13	[9],10,11
		10,13,[14]	12,[13],17	18,[20],[22]	11,12	9,[11],13	15,18
YCFUA3	Identifiler® Plus						
	3e		(17),22,23		15,18	11,(12),13	(9),10,11
		10,13,(14)			11,12	9,(11),13	15,18
YDFDDA	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,X	10,11	20,20
					7,8,[9]	8,11	16,16
		14,15	29,30.2		X	10,11	20
					7,8,9	8,11	16,17
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18
		10,13,14			15,18	11,12,13	9,10,11
		14,15	29,30.2,33.2		11,12	9,11,13	15,18

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

YE68QZ	Identifiler®						
	3e		22,23		INC	INC	INC
		INC			INC	INC	INC
		*,14	INC		INC	INC	INC
					*,7,8	8,11	16
YE8GX6	Identifiler® Plus						
	3e	Blank	[17],22,23	Blank	15,18	11,[12],13	[9],10,11
		10,13,14	Blank	Blank	11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]	Blank	X,X,[Y]	10,11,[12]	20,20
		Blank	Blank	Blank	7,8,9	8,11	16,16,[17],[18]
YEMAMZ	COfiler® and Profiler Plus®						
	3e				15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
			29,30.2,[33.2]		X,[Y]	10,11,[12]	20
					7,8,[9*]	8,11	16,[17],[18]
YFZW29	PowerPlex® 16 HS						
	3e				15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
			29,30.2,33.2		X,Y	10,11,12	20
		9,11,12,13	7,12,13		7,8,9	8,11	16,17
YH8Y6R	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20,20
					7,8,9	8,11	16,17,18
YHJZMK	Identifiler® Plus						
	3e	-	17,22,23	-	15,18	11,12,13	9,10,11
		10,13,14	-	-	11,12	9,11,13	15,18
		14,15	29,30.2,33.2	-	X,Y	10,11,12	20
		-	-	-	7,8,9	8,11	16,17,18
YJKQZU	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
					7,8,9	8,11	16,17
YJY3UT	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
					7,8,9	8,11	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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YKR2WX	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
YLNQUY	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20,20
				7,8,9	8,11	16,17,18	
YMEUHZ	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
YRCZQC	Identifiler® Plus						
	3e		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
YT4A88	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
YXHTK9	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12^],13	[9^],10,11
		10,13,14			11,12	9,[11^],13	15,18
		14,15	29,30.2,[33.2^]		X,[Y^]	10,11,12	20
				7,8,[9]	8,11	16,[17^],[18^]	
YXY2JB	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20,20
				7,8,9	8,11	16,17,18	
YZMBTC	PowerPlex® 16 HS						
	3e	N/A	N/A	N/A	15,18	11,[12],13	[9],10,11
		10,13,[14]	N/A	N/A	11,12	9,13	15,18
		N/A	29,30.2,[33.2]	N/A	X,[Y]	10,11,[12]	20
		9,[11],12,[13]	[7],12,13	N/A	7,8,[9]	8,11	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

Z2C4YE	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
					7,8,9	8,11	16,17
Z2V32J	Identifiler® Plus						
	3e	N/T	[17],22,23	N/T	15,18	11,[12],13	[9],10,11
		10,13,[14]	N/T	N/T	11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]	N/T	X,X,[Y]	10,11,[12]	20,20
		N/T	N/T	N/T	7,8,[9]	8,11	16,16,[17],[18]
Z6FRP3	Identifiler® Plus						
	3e		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
Z84W9E	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20
					7,8,[9]	8,11	16,[17],[18]
Z93URM	PowerPlex® PP21						
	3e	15,17.3	17,22,23		15,18	11,12,13	10,11
		10,13,14		18,20,22	11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20,20
		9,11,12	7,12,13		7,8,9	8,11	16,17,18
Z9XFC2	Identifiler® Identifiler Plus						
	3e		22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
					7,8,9	8,11	16,17,18
ZAAAZE	PowerPlex® 21						
	3e	15,[16],17.3	[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]		18,[20],[22]	11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,[12]	20
		9,[11],12,[13]	[7],12,13		7,8,[9]	8,11	16,[17],[18]
ZAP7DT	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
					7,8,9	8,11	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

ZCJPGF	Identifiler® Plus						
	3e		22,23		15,18	11,13	10,11
		10,13,[14] 14,15			11,12 X,X 7,8	9,[11],13 10,11 8,11	15,18 20,20 16,16
ZD282J	Identifiler®						
	3e		[17],22,23		15,18	11,[12],13	10,11
		10,13,[14] 14,15		29,30.2,[33.2]	11,12 X,[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20 16,[17],[18]
ZE2LUP	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14] 14,15		29,30.2,[33.2]	11,12 X,[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20 16,[17],[18]
ZFCVTW	PowerPlex® 16 HS						
	3e				15,18	11,12,13	9,10,11
		10,13		29,30.2,33.2	11,12 X	9,13 10,11,12	15,18 20
ZGEJG2	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15		29,30.2,33.2	11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
ZGPKYU	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15		29,30.2,33.2	11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
ZMBE4E	Identifiler® Plus						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14 14,15		29,30.2,33.2	11,12 X,Y 7,8,9	9,11,13 10,11,12 8,11	15,18 20 16,17,18
ZMBMXJ	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14] 14,15		29,30.2,[33.2]	11,12 X,[Y] 7,8,[9]	9,[11],13 10,11,[12] 8,11	15,18 20 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

ZMJRTG	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
ZMVY3J	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
ZPCJCT	Identifiler®						
	3e		[17],22,23		15,18	11,[12],13	[9],10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]		X,[Y]	10,11,12	20
				7,8,[9]	8,11	16,[17],[18]	
ZQV3G6	Identifiler®						
	3e		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
ZUWHYN	Identifiler® Plus						
	3e	NA	[17],22,23	NA	15,18	11,[12],13	[9],10,11
		10,13,[14]	NA	NA	11,12	9,[11],13	15,18
		14,15	29,30.2,[33.2]	NA	X,X,[Y]	10,11,[12]	20,20
	NA	NA	NA	7,8,[9]	8,11	16,16,[18]	
ZV8FC6	PowerPlex® 16 HS						
	3e				15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
			29,30.2,33.2		X,Y	10,11,12	20
	9,11,12,13	7,12,13		7,8,9	8,11	16,17,18	
ZYURFG	Identifiler® Plus						
	3e		[17],22,23		15,18	11,[12],13	10,11
		10,13,[14]			11,12	9,[11],13	15,18
		14,15	29,30.2		X,[Y]	10,11,[12]	20,20
				7,8,[9]	8,11	16,16	
ZZKXR2	Identifiler® Plus						
	3e		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	

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

229JQM	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y 7,9	12 8	20 17,18
23PFEF	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y 7,9	12 8	20 17,18
24JWGK	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y 7,9	12 8	20 17,18
27MK2F	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y 7,9	12,12 8,8	20,20 17,18
28FKXR	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y 7,9	12 8	20 17,18
2B3W24	PowerPlex® 16 HS						
	3sp				18	11,12	9,11
		14			11,12	11,13	18
			29,33.2		X,Y	12	20
	11,13	7,12		7,8,9	8,11	17,18	
2CAXT9	COfiler® and Profiler Plus®						
	3sp				18,18	11,12	9,11
		14,14			11,11	11,13	18,18
			29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
2CB3JX	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y 7,9	12 8	20 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 3sp

2CNRBP	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
2EYTEB	PowerPlex® 16 HS						
	3sp				18	11,12	9,11
		14			11,12	11,13	18
2H48C3	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
2JTFHW	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
2L2QCF	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
2LBTPD	Identifiler® , PowerPlex® Fusion, GlobalFiler Express						
	3sp	16,17.3	17,22	14	18	11,12	9,11
		14	13	20,22	11	11,13	18
2LVMDU	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
2NK2UR	PowerPlex® 16 HS						
	3sp				18,18	11,12	9,11
		14,14			11,11	11,13	18,18
			29,33.2		X,Y	12,12	20,20
	11,13		7,7		7,9	8,8	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 3sp

2NLHJC	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
2PFBDA	Identifiler® Identifiler Plus						
	3sp	-	17,22	-	18,18	11,12	9,11
		14,14	-	-	11,11	11,13	18,18
		14,15	29,33.2	-	X,Y	12,12	20,20
				7,9	8,8	17,18	
2RNMWW	PowerPlex® 16 HS						
	3sp				18	11,12	9,11
		14			11	11,13	18
			29,33.2		X,Y	12	20
			7	7,9	8	17,18	
2TEVY	PowerPlex® Fusion						
	3sp	16,17.3	17,22	14	18	11,12	9,11
		14	13	20,22	11	11,13	18
		14,15	29,33.2	13,16	X,Y	12	20
			7	7,9	8	17,18	
2UDUE8	PowerPlex® 16						
	3sp				18	11,12	9,11
		14			11	11,13	18
			29,33.2		X,Y	12	20
			7	7,9	8	17,18	
2V88R6	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
2VJNNC	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
2XP43V	Identifiler® Plus						
	3sp	-	17,22	-	18,18	11,12	9,11
		14,14	-	-	11,11	11,13	18,18
		14,15	29,33.2	-	X,Y	12,12	20,20
				7,9	8,8	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 3sp

2YAY6C	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
2ZFX9C	PowerPlex® 16 HS						
	3sp						
		14,15	29,33.2		X,Y	12	20
327JDN	Identifiler® Plus						
	3sp		17,22		7,9	8	17,18
		14,14			18,18	11,12	9,11
329ALQ	Identifiler®						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
32PXR6	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
34UTNA	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
36M2E6	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
37XV4D	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	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 3sp

37YLG	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
38TAX	PowerPlex® 16						
	3sp				18	11,12	9,11
		14			11	11,13	18
38TYR	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18*
3AH94	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
3AJKN	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
3AX2P	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
3FAHAD	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
3J4YEY	Identifiler®						
	3sp		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	11,12	20
					7,8,9	8,11	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 3sp

3J6U3C	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
3K48WC	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14,15	29,33.2		X,Y	12,12	20,20
3LAEZJ	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14,15	29,33.2		X,Y	12	20
3LELBT	PowerPlex® 16 HS						
	3sp				18	11,12	9,11
		14,15	29,33.2		X,Y	12	20
3N3D6A	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,15	29,33.2		X,Y	12,12	20,20
3N3LYM	Identifiler® Plus						
	3sp		17,22,23		15,18	11,12	9,11
		14,15	29,30.2,33.2		X,Y	10,11,12	20
3QADJP	PowerPlex® 16 HS						
	3sp				18	11,12	9,11
		14,15	29,33.2		X,Y	12	20
3QKJD6	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,15	29,33.2		X,Y	12,12	20,20

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

3RF3HR	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
3U4NZG	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
3U6FXP	PowerPlex® Fusion						
	3sp	16,17.3	17,22	14	18	11,12	9,11
		14	13	[18],20,22	11	11,13	18
		14,15	29,[30.2],33.2	13,16	X,Y	12	20
	11,13	7		7,9	8	17,18	
3V4XHK	PowerPlex® 21						
	3sp	16,17.3	17,22		18,18	11,12	9,11
		14,14		20,22	11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
	11,13	7,7		7,9	8,8	17,18	
3WBYY7	PowerPlex® 16						
	3sp				18	11,12	9,11
		14			11	11,13	18
			29,33.2		X,Y	12	20
	11,13	7		7,9	8	17,18	
3WTNQY	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
3X26EW	Identifiler® , Identifiler Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
3YNREK	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,8,9	8	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 3sp

3ZXC9A	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
43V8BA	PowerPlex® 16 HS						
	3sp		29,33.2		X,Y	12,12	20,20
		14,15			7,9	8,8	17,18
448ZWB	PowerPlex® Fusion, Globalfiler Express						
	3sp		29,33.2		X,Y	12	20
		14			11	11,13	18
48MMAF	PowerPlex® Fusion						
	3sp		7		7,9	8	17,18
		11,13					
48PBXL	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
4ADWFB	PowerPlex® Fusion, Rapid HIT, GlobalFiler Express						
	3sp		29,33.2		X,Y	12	20
		14,15			7,9	8,8	17,18
4AFD3A	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
4B8KWL	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	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 3sp

4EW3JJ	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
4F2AMQ	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
4GE2HT	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
4GK3QA	Identifiler® Identifiler Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
4GYQRZ	Identifiler® Plus						
	3sp	NT	17,22	NT	18	11,12	9,11
		14	NT	NT	11	11,13	18
		14,15	29,33.2	NT	X,Y	12	20
			NT	7,9	8	17,18	
4HQRPC	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
4J49Z4	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
4J6LHC	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	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 3sp

4JMLD	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
4JM3PK	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				[7],9	8	17,18	
4L8LGM	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
4TB9QC	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
4TBYQL	PowerPlex® Fusion						
	3sp	16,17.3	17,22	14	18	11,12	9,11
		14	13	20,22	11	11,13	18
		14,15	29,33.2	13,16	X,Y	12	20
	11,13	7		7,9	8	17,18	
4TK94R	PowerPlex® 16						
	3sp				18	11,12	9,11
		14			11	11,13	18
			29,33.2		X,Y	12	20
	11,13	7		7,9	8	17,18	
4UYLRN	Identifiler® , MiniFiler						
	3sp	NT	17,22	NT	18	11,12	9,11
		14	NT	NT	11	11,13	18
		14,15	29,33.2	NT	X,Y	12	20
	NT	NT	NT	7,9	8	17,18	
4WQYUL	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	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 3sp

4Z9N8Q	Identifiler® Plus						
	3sp		17,22		18	11,12	9,[10],11
		14			11	11,13	18
		14,15	29,[30.2],33.2		X,Y	12	20
				7,9	8	17,18	
4ZTGX3	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
62VQ9W	PowerPlex® 16 HS						
	3sp				18	11,12	9,11
		14			11	11,13	18
			29,33.2		X,Y	12	20
		11,13	7		7,9	8	17,18
62XB9T	Identifiler®						
	3sp	-	17,22	-	18,18	11,12	9,11
		14,14	-	-	11,11	11,13	18,18
		14,15	29,33.2	-	X,Y	12,12	20,20
		-	-	-	7,9	8,8	17,18
63R2E8	Identifiler® Plus						
	3sp	-	17,22	-	18	11,12	9,11
		14	-	-	11	11,13	18
		14,15	29,33.2	-	X,Y	12	20
		-	-	-	7,9	8	17,18
66YTPE	Identifiler®						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
6C47F4	PowerPlex® 16						
	3sp				18	11,12	9,11
		14			11	11,13	18
			29,33.2		X,Y	12	20
		11,13	7		7,9	8	17,18
6E8WLJ	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	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 3sp

6EQ7U6	PowerPlex® 16						
	3sp				18	11,12	9,11
	14				11	11,13	18
	11,13		29,33.2		X,Y	12	20
6H7G6A	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
	14				11	11,13	18
	14,15		29,33.2		X,Y	12	20
6JF8Q8	PowerPlex® Fusion						
	3sp	16,17.3	17,22	14	18	11,12	9,11
	14		13	20,22	11	11,13	18
	14,15		29,33.2	13,16	X,Y	12	20
6L7D6C	Identifiler®						
	3sp		17,22		18,18	11,12	9,11
	14,14				11,11	11,13	18,18
	14,15		29,33.2		X,Y	12,12	20,20
6V8FD	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
	14,14				11,11	11,13	18,18
	14,15		29,33.2		X,Y	12,12	20,20
6WJNHU	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
	14,14				11,11	11,13	18,18
	14,15		29,33.2		X,Y	12,12	20,20
6WPND9	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
	14				11	11,13	18
	14,15		29,33.2		X,Y	12	20
6XWEER	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
	14,14				11,11	11,13	18,18
	14,15		29,33.2		X,Y	12,12	20,20

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

6YBQ8V	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
6ZMLPF	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
72WQ36	PowerPlex® 16 HS						
	3sp				18	11,12	9,11
		14			11,[12]	11,13	18
			29,33.2		X,Y	12	20
76HLU4	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
77KH47	Identifiler® Plus						
	3sp	-	17,22	-	18	11,12	9,11
		14	-	-	11	11,13	18
		14,15	29,33.2	-	X,Y	12	20
782HHU	Identifiler®						
	3sp		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
782R4Y	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
79BNMH	Identifiler® Plus						
	3sp		17,22,23		15,18	11,12	9,10,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	10,11,12	20
				7,8,9	8	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 3sp

7B2XNW	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
7E7GV6	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
7FVBJD	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
7GQ2KL	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
7HE32N	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
7JFAT2	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
7KBTWN	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
7MD7KW	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	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 3sp

7NDLWE	PowerPlex® PP21						
	3sp	16,17.3	17,22		18,18	11,12	9,11
		14,14		20,22	11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
7NN6JC	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
7NUMVA	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
7PM2E2	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
7TN663	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
7V99M8	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
7X2HXF	PowerPlex® 21						
	3sp	16,17.3	17,22		18,18	11,12	9,11
		14,14		20,22	11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
7XH9UZ	PowerPlex® 16 HS						
	3sp				18	11,12	9,11
		14			11	11,13	18
			29,33.2		X,Y	12	20
	11,13	7		7,9	8	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 3sp

7ZZCFC	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
8384BX	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
83PUHX	PowerPlex® 16 HS						
	3sp	N/A	N/A	N/A	18	11,12	9,11
		14	N/A	N/A	11	11,13	18
		N/A	29,33.2	N/A	X,Y	12	20
				7,9	8,[11]	17,18	
84VNTM	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
84ZW4W	Identifiler®						
	3sp		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
877P99	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
88G9ZD	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
89DCH8	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	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 3sp

8A8ULU	Identifiler® Plus						
	3sp	NT	17,22	NT	18	11,12	9,11
		14	NT	NT	11	11,13	18
		14,15	29,33.2	NT	X,Y	12	20
		NT	NT	NT	7,9	8	17,18
8BYLKZ	PowerPlex® 16 HS						
	3sp				18	11,12	9,11
		14			11	11,13	18
			29,33.2		X,Y	12	20
		[9],11,[12],13	7		7,9	8	17,18
8C72GK	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,[8],9	8	[16],17,18	
8CCJ8B	Identifiler® , SGMPlus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
8CDT7H	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
8DHP7C	Identifiler® Plus						
	3sp	-	17,22	-	18	11,12	9,11
		14	-	-	11	11,13	18
		14,15	29,33.2	-	X,Y	12	20
		-	-	-	7,9	8	17,18
8EGMNY	PowerPlex® 16						
	3sp				18	11,12	9,11
		14			11	11,13	18
			29,33.2		X,Y	12	20
		11,13	7		7,9	8	17,18
8EHFL8	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	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 3sp

8EXQCY	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
					7,9	8,8	17,18
8GKH83	PowerPlex® ESI 17 System						
	3sp	16,17.3	17,22	14,14	18,18		
		14,14	13,F	20,22		11,13	18,18
		14,15	29,33.2	13,16	X,Y		20,20
				12,30.2	7,9		17,18
8HZ7XA	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
					7,9	8	17,18
8J9K3V	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
					7,9	8,8	17,18
8M92PK	Identifiler®						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
					7,9	8,8	17,18
8MRYRJ	Identifiler® , MiniFiler						
	3sp	NT	17,22	NT	18	11,12	9,11
		14	NT	NT	11	11,13	18
		14,15	29,33.2	NT	X,Y	12	20
		NT	NT	NT	7,9	8	17,18
8N9LC6	Identifiler® Identifiler Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
					7,9	8	17,18
8T2NF6	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
					7,9	8,8	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 3sp

8U8Q44	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
8VQP8T	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14,15	29,30.2,33.2		X,Y	12	20
8XRMNM	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14,15	29,33.2		X,Y	12	20
8Y3HEL	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14,15	29,33.2		X,Y	12	20
8Y48MP	Identifiler® Plus						
	3sp		17,22,[23]		18	11,12	9,11
		14,15	29,33.2		11,[12]	11,13	18
8Y4G9U	Identifiler®						
	3sp		17,22		18,18	11,12	9,11
		14,15	29,33.2		11,11	11,13	18,18
8ZTUNQ	PowerPlex® 16 HS						
	3sp						
		14,15	29,33.2		X,Y	12	20
934AW4	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14,15	29,33.2		X,Y	12	20

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

93C7Z2	Identifiler®						
	3sp		17,22		[15],18	11,12	9,11
		[10],14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8,[11]	17,18	
96AVMN	PowerPlex® 16						
	3sp				18	11,12,(13)	9,(10),11
		(10),(13),14			11,(12)	(9),11,13	(15),18
			29,(30.2),33.2		X,Y	(10),(11),12	20
		(9),11,(12),13	7,(12),(13)		7,(8),9	8,(11)	(16),17,18
98CBZ2	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
98W2XR	Identifiler®						
	3sp		17,22,23		[15],18	11,[12],[13]	9,10,11
		10,13,14			11,[12]	9,11,13	[15],18
		14,15	29,[30.2],[33.2]		X,[Y]	10,11,12	20
				7,[8],[9]	8,[11]	16,[17],[18]	
9AVEMD	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
9BDAJ7	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
9C4MTC	PowerPlex® Fusion						
	3sp	16,17.3	17,22,[23]	14	18	11,12	9,11
		14	13,[17]	[18],20,22	11	11,13	[15],18
		14,15	29,33.2	13,16	X,Y	[10],12	20
	[9],11,13	7,[12],[13]		7,9	8	[16],17,18	
9CR4D7	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	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 3sp

9D3F2H	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
					7,9	8,8	17,18
9EDF3J	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
					7,9	8	17,18
9EYGYE	PowerPlex® 21						
	3sp	16,17.3	17,22		18,18	11,12	9,11
		14,14		20,22	11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
		11,13	7,7		7,9	8,8	17,18
9G3MKU	Identifiler®						
	3sp		17,22		[15],18	11,12	9,11
		14			11	11,13	[15],18
		14,15	29,33.2		X,Y	12	20
					7,9	8	17,18
9GFGNN	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
					7,9	8,8	17,18
9K36CU	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		M	12,12	20,20
					7,9	8,8	17,18
9KYZUH	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
					7,9	8	17,18
9LRHTR	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
					7,9	8	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 3sp

9M9DUR	Identifiler® Plus, MiniFiler						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
9NKPEV	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
9PBFGH	Identifiler® Plus						
	3sp		17,22		18	11,12,13	9,10,11
		10,14			11,12	9,11,13	18
9Q8WRJ	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
9QLEHJ	PowerPlex® 16 HS						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
9TBR92	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
9TV72K	Identifiler®						
	3sp	-	17,22	-	18	11,12	9,11
		14	-	-	11	11,13	18
9U7DZ8	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	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 3sp

9VKAE6	Identifiler® Identifiler Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
9YJEE6	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
A4D6A3	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
A7CM3N	PowerPlex® HS						
	3sp				18	11,12	9,11
		14			11	11,13	18
			29,33.2		X,Y	12	20
	11,13	7		7,9	8	17,18	
A87BJX	PowerPlex® 16						
	3sp				18	11,12	9,11
		14			11	11,13	18
			29,33.2		X,Y	12	20
	11,13	7		7,9	8	17,18	
AB8GY4	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
AE8KUW	PowerPlex® 16 HS						
	3sp				18	11,12	9,11
		14			11,[12]	11,13	18
			29,33.2		X,Y	12	20
	11,13	7,[12]		7,[8],9	8,[11]	17,18	
AEUU7L	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	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 3sp

AGC8D3	Identifiler® Plus						
	3sp	-	17,22	-	18	11,12	9,11
		14	-	-	11	11,13	18
		14,15	29,33.2	-	X,Y	12	20
		-	-	-	7,9	8	17,18
AGVPD9	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
					7,9	8	17,18
AJKYNA	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
					7,9	8	17,18
AKQZ93	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
					7,9	8	17,18
ALQE28	Identifiler®						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
					7,9	8,8	17,18
AMJPYA	Identifiler® Plus						
	3sp	-	17,22	-	18,18	11,12	9,11
		14,14	-	-	11,11	11,13	18,18
		14,15	29,33.2	-	X,Y	12,12	20,20
		-	-	-	7,9	8,8	17,18
ATWKP7	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
					7,9	8,8	17,18
B3C34B	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
					7,9	8,8	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 3sp

B46DJA	PowerPlex® 21						
	3sp	16,17.3	17,22		18,18	11,12	9,11
		14,14		20,22	11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
		11,13	7,7		7,9	8,8	17,18
B498DW	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
B4J6A2	Identifiler® Plus						
	3sp	-	17,22	-	18	11,12	9,11
		14	-	-	11	11,13	18
		14,15	29,33.2	-	X,Y	12	20
		-	-	-	7,9	8	17,18
B8L7CJ	PowerPlex® Fusion						
	3sp	16,17.3	17,22	14	18	11,12	9,11
		14	13	20,22	11	11,13	18
		14,15	29,33.2	13,16	X,Y	12	20
		11,13	7		7,9	8	17,18
B8N8FB	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
BAPR9W	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
BBL8KT	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
BBQDB4	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	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 3sp

BBQHMR	Identifiler® AmpFISTR						
	3sp		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
BE68UG	PowerPlex® Fusion						
	3sp	16,17.3	17,22	14	18	11,12	9,11
		14	13	20,22	11	11,13	18
		14,15	29,33.2	13,16	X,Y	12	20
		11,13	7		7,9	8	17,18
BE6FTT	PowerPlex® 16 HS						
	3sp				18	11,12	9,11
		14			11	11,13	18
			29,33.2		X,Y	12	20
	11,13	7		7,9	8	17,18	
BGEXXW	Identifiler® Identifiler Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
BH44G9	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
BH9G3J	Identifiler® Plus						
	3sp		17,22,[23]		18,18	11,12	9,11
		[10],14,14			11,11,[12]	11,13	18,18
		14,15	29,33.2		X,Y	[10],12,12	20,20
				7,[8],9	8,8	17,18	
BHNCEX	PowerPlex® 16						
	3sp				18	11,12	9,11
		14			11	11,13	18
			29,33.2		X,Y	12	20
	11,13	7		7,9	8	17,18	
BKUW3X	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,[30.2],33.2		X,Y	12,12	20,20
				7,9	8,8	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 3sp

BQX8MQ	Identifiler® Plus, MiniFiler						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
BRRC96	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
BTND62	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
BTZTYN	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
BUL9MR	PowerPlex® Fusion						
	3sp	16,17.3	17,22	14,14	18,18	11,12	9,11
		14,14	13,13	20,22	11,11	11,13	18,18
		14,15	29,33.2	13,16	X,Y	12,12	20,20
		11,13	7,7		7,9	8,8	17,18
BUYUZA	PowerPlex® Fusion						
	3sp	15,16,17.3	17,22,23	13,14	15,18	11,12,13	9,10,11
		10,13,14	12,13,17	18,20,22	11,12	9,11,13	15,18
		14,15	29,30.2,33.2	11,13,15,16	X,Y	10,11,12	20
		9,11,12,13	7,12,13		7,8,9	8,11	16,17,18
BYCREN	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
BYW4LA	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	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 3sp

BZT6H7	Identifiler®						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
					7,9	8,8	17,18
BZZ9NW	Identifiler® , PowerPlex® , NGM SElect						
	3sp	16,17.3	17,22	14	18	11,12	9,11
		14	13	20,22	11	11,13	18
		14,15	29,33.2	13,16	X,Y	12	20
		11,13	7	12,30.2	7,9	8	17,18
C3QKB9	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
					7,9	8	17,18
CA3YHH	PowerPlex® 16						
	3sp				18	11,12	9,11
		14			11	11,13	18
			29,33.2		X,Y	12	20
		11,13	7		7,9	8	17,18
CA6HNU	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
					7,9	8	17,18
CBH3JP	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
					7,9	8,8	17,18
CCEHVL	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11,[12]	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
					7,9	8,8	17,18
CCJTXK	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
					7,9	8	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 3sp

CDMTP6	Identifiler® Plus						
	3sp	-	17,22	-	18,18	11,12	9,11
		14,14	-	-	11,11	11,13	18,18
		14,15	29,33.2	-	X,Y	12,12	20,20
		-	-	-	7,9	8,8	17,18
CFVYAK	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
CHFR4Z	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
CJPVJJ	PowerPlex® PP21						
	3sp	16,17.3	17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
		11,13	7		7,9	8	17,18
CLL632	Identifiler® , MiniFiler						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
CQ2JY9	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
CQUNZU	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
CVQ3WW	PowerPlex® 16						
	3sp				18	11,12	9,11
		14			11	11,13	18
			29,33.2		X,Y	12	20
		11,13	7		7,9	8	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 3sp

CX9JTG	Identifiler® , PowerPlex® 16 HS, NGM Select						
	3sp	16,17.3	17,22	14,14	18,18	11,12	9,11
		14,14	13,13	20,22	11,11	11,13	18,18
		14,15	29,33.2	13,16	X,Y	12,12	20,20
		11,13	7,7	12,30.2	7,9	8,8	17,18
D288TP	Identifiler® Plus, PowerPlex® 16, MiniFiler						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
		11,13	7		7,9	8	17,18
D4CTMG	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
D7KYB3	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
D8EJ9B	Identifiler® , PowerPlex®						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
		11,13	7,7		7,9	8,8	17,18
DAM8QR	Identifiler® Plus						
	3sp	-	17,22	-	18,18	11,12	9,11
		14,14	-	-	11,11	11,13	18,18
		14,15	29,33.2	-	X,Y	12,12	20,20
		-	-	-	7,9	8,8	17,18
DBV4UQ	Identifiler® Plus, PowerPlex® PP16 HS, ESX-CS7						
	3sp	16,17.3	17,22	14	18	11,12	9,11
		14	13	20,22	11	11,13	18
		14,15	29,33.2	13,16	X,Y	12	20
		11,13	7	12,30.2	7,9	8	17,18
DD62CE	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	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 3sp

DDNU8W	PowerPlex® 16						
	3sp				18	11,12	9,11
		14			11	11,13	18
			29,33.2		X,Y	12	20
DEUEUW	PowerPlex® Fusion						
	3sp	16,17.3	17,22	14	18	11,12	9,11
		14	13	20,22	11	11,13	18
		14,15	29,33.2	13,16	X,Y	12	20
DGJLBM	Identifiler®						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
DJEH49	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
DJMGWB	Identifiler®						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
DKLJNZ	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
DMVDW8	Identifiler® , MiniFiler						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
DN3X6F	COfiler® and Profiler Plus®						
	3sp				18	11,12	9,11
		14			11	11,13	18
			29,33.2		X,Y	12	20
				7,9	8	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 3sp

DNMYG3	Identifiler® , MiniFiler						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
DPEQ4N	PowerPlex® 16 HS, MiniFiler						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
DPXKT6	Identifiler® Plus, MiniFiler						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
DRK28J	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
DRNMZD	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
DTHVY3	Identifiler®						
	3sp		17,22,[-]		18,[-]	11,12,[-]	9,11,[-]
		[10],14,[-]			11,[-]	11,13,[-]	18,[-]
DVJMRU	PowerPlex® 16 HS, ESX17						
	3sp	16,17.3	17,22	14	18	11,12	9,11
		14	13	20,22	11	11,13	18
DVZL6R	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	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 3sp

DX9T9K	Identifiler®						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
E23AZ6	PowerPlex® Fusion						
	3sp	[15],16,17.3	17,22	14	[15],18	11,12	9,11
		[10],14	13	20,22	11	[9],11,13	[15],18
		14,15	29,33.2	13,16	X,Y	[10],[11],12	20
		11,13	7,[12]		7,[8],9	8	[16],17,18
E7HNWC	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
E7YD6B	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
E8HR22	PowerPlex® 21						
	3sp	16,17.3	17,22		18,18	11,12	9,11
		14,14		20,22	11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
E8U7AP	PowerPlex® 16 HS						
	3sp				18	11,12	9,11
		14			11	11,13	18
			29,33.2		X,Y	12	20
				7,9	8	17,18	
E9NZNL	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
E9NZQ7	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	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 3sp

EBBQYQ	PowerPlex® 16 HS						
	3sp				18	11,12	9,11
		14			11	11,13	18
			29,33.2		X,Y	12	20
EBW792	Identifiler® Plus						
	3sp	Not Tested	17,22	Not Tested	18,18	11,12	9,11
		14,14	Not Tested	Not Tested	11,11	11,13	18,18
		14,15	29,33.2	Not Tested	X,Y	12,12	20,20
ECN9TV	PowerPlex® Fusion						
	3sp	16,17.3	17,22	14	18	11,12	9,11
		14	13	20,22	11	11,13	18
		14,15	29,33.2	13,16	X,Y	12	20
EDKBUY	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
EEU992	PowerPlex® 21						
	3sp	16,17.3	17,22		18,18	12,NR	9,11
		14,14		20,22	11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
EKGHHT	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
EKNF4Q	Identifiler® , Identifiler Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
ELDXUP	Identifiler® Identifiler Plus						
	3sp	NT	17,22	NT	18	11,12	9,11
		14	NT	NT	11	11,13	18
		14,15	29,33.2	NT	X,Y	12	20
				7,9	8	17,18	
				7,9	8	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 3sp

ELFFZ2	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
ELH9WN	Identifiler®						
	3sp		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
ELVYKY	PowerPlex® 16 HS						
	3sp				18	11,12	9,11
		14			11	11,13	18
			29,33.2		X,Y	12	20
	11,13	7		7,9	8	17,18	
ER6Z4G	PowerPlex® HS						
	3sp				18	11,12	9,11
		14			11	11,13	18
			29,33.2		X,Y	12	20
	11,13	7		7,9	8	17,18	
ETDTTU	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
ETGT26	PowerPlex® 16						
	3sp				18	11,12	9,11
		14			11	11,13	18
			29,33.2		X,Y	12	20
	11,13	7		7,9	8	17,18	
EVH6AP	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
EWDNDC	Identifiler® Plus, MiniFiler						
	3sp	NA	17,22	NA	18,18	11,12	9,11
		14,14	NA	NA	11,11	11,13	18,18
		14,15	29,33.2	NA	X,Y	12,12	20,20
	NA	NA	NA	7,9	8,8	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 3sp

EWEC33	Identifiler® Plus							
	3sp		17,22		18,18	11,12	9,11	
		14,14			11,11	11,13	18,18	
EWVMJM	PowerPlex® Fusion	14,15	29,33.2		X,Y	12,12	20,20	
					7,9	8,8	17,18	
		3sp	16,17.3	17,22	14,14	18,18	11,12	9,11
			14,14	13,13	20,22	11,11	11,13	18,18
EX7LJX	Identifiler® Plus	14,15	29,33.2	13,16	X,Y	12,12	20,20	
					7,9	8,8	17,18	
		3sp		17,22		18	11,12	9,11
			14			11	11,13	18
EY2MKZ	Identifiler® ID Plus	14,15	29,33.2		X,Y	12	20	
					7,9	8	17,18	
		3sp		17,22		18	11,12	9,11
			14			11	11,13	18
EYJYF8	PowerPlex® PowerPlex® 16	14,15	29,33.2		X,Y	12	20	
					7,9	8	17,18	
		3sp				18	11,12	9,11
			14			11	11,13	18
F2HQUX	Identifiler® Plus	11,13	7		X,Y	12	20	
					7,9	8	17,18	
		3sp		17,22		18	11,12	9,11
			14			11	11,13	18
F2JN49	Identifiler® Plus	14,15	29,33.2		X,Y	12	20	
					7,9	8	17,18	
		3sp		17,22,23		18	11,12	9,11
			10,14			11	9,11,13	18
F3ZQ3U	PowerPlex® ESI-16	14,15	29,30.2,33.2		X,Y	11,12	20	
					7,8,9	8	17,18	
		3sp	16,17.3	17,22	14,14	18,18	-	-
			14,14	13,13	20,22	-	11,13	18,18
	14,15	29,33.2	13,16	X,Y	-	20,20		
	-	-	-	7,9	-	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 3sp

FDD336	PowerPlex® Fusion						
	3sp	15,16,17.3	17,22,23	13,14	15,18	11,12,13	9,10,11
		10,13,14	12,13,17	18,20,22	11,12	9,11,13	15,18
		14,15	29,30.2,33.2	13,15,16	X,Y	10,11,12	20
		9,11,12,13	7,12,13		7,8,9	8,11	16,17,18
FE7AMM	Identifiler® Plus, MiniFiler						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
FGWF6Y	Identifiler®						
	3sp	-	17,22	-	18,18	11,12	9,11
		14,14	-	-	11,11	11,13	18,18
		14,15	29,33.2	-	X,Y	12,12	20,20
		-	-	-	7,9	8,8	17,18
FH9P3K	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
FNWUTK	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
FPP8FT	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
FRDUWM	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
FRNP78	PowerPlex® 16 HS, NGM SElect						
	3sp	16,17.3	17,22	14	18	11,12	9,11
		14	13	20,22	11	11,13	18
		14,15	29,33.2	13,16	X,Y	12	20
		11,13	7	12,30.2	7,9	8	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 3sp

FVXAF8	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
FX47U4	Identifiler® Plus, MiniFiler						
	3sp	-	17,22	-	18,18	11,12	9,11
		14,14	-	-	11,11	11,13	18,18
		14,15	29,33.2	-	X,Y	12,12	20,20
		-	-	-	7,9	8,8	17,18
FYZBWR	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
FZAMB9	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
G2E4RV	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
G3TXRY	Identifiler® , MiniFiler						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
G7U63N	PowerPlex® 16 HS						
	3sp				18	11,12	9,11
		14			11	11,13	18
			29,33.2		X,Y	12	20
	11,13	7		7,9	8	17,18	
G86RYH	PowerPlex® 16						
	3sp				18	11,12	9,11
		14			11	11,13	18
			29,33.2		X,Y	12	20
	11,13	7		7,9	8	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 3sp

G8NU6W	COfiler® and Profiler Plus®						
	3sp				18	11,12	9,11
	14				11	11,13	18
G8THYA	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
	14				11	11,13	18
GB9MHK	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
	14,15		29,33.2		X,Y	12,12	20,20
GCXZXH	Identifiler®						
	3sp		17,22		18	11,12	9,11
	14				11	11,13	18
GE9ELW	Identiler[sic] Plus						
	3sp		17,22		18	11,12	9,11
	14,15		29,33.2		X,Y	12	20
GEMB3G	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
	14,15		29,33.2		X,Y	12	20
GHNTA3	Identifiler®						
	3sp		17,22		18	11,12	9,11
	14,15		29,33.2		X,Y	12	20
GJ2QR9	Identifiler®						
	3sp		17,22		18,18	11,12	9,11
	14,15		29,33.2		X,Y	12,12	20,20

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

GQXRNT	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
GRCCG3	Identifiler® , MiniFiler						
	3sp		17,22		18	11,12	9,11
		14,15	29,33.2		X,Y	12,12	20,20
GTPQ4C	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14,15	29,33.2		X,Y	12	20
GXF6K7	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14,15	29,33.2		X,Y	12	20
GXKD28	PowerPlex® 16						
	3sp				18	11,12	9,11
		11,13	7		X,Y	12	20
GZ3Q9M	PowerPlex® 16						
	3sp				18	11,12	9,11
		11,13	7		X,Y	12	20
H2ER4M	Identifiler® Identifiler Plus						
	3sp		17,22		18	11,12	9,11
		14,15	29,33.2		X,Y	12	20
H2U3P9	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14,15	29,33.2		X,Y	12	20

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

H42KLH	PowerPlex® Fusion						
	3sp	16,17.3	17,22	14	18	11,12	9,11
		14	13	20,22	11	11,13	18
		14,15	29,33.2	13,16	X,Y	12	20
		11,13	7		7,9	8	17,18
H4MY8F	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
H74KMF	Identifiler® , MiniFiler						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
H7LEGX	PowerPlex® 21						
	3sp	16,17.3	17,22		18,18	12,12	9,11
		14,14		20,22	11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
		11,13	7,7		7,9	8,8	17,18
H7UWKA	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
HCW43X	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
HFGVBE	PowerPlex® 16						
	3sp				18	11,12	9,11
		[13],14			11	[9],11,13	18
			29,33.2		X,Y	12	20
	11,[12],13	7		7,[8],9	8,[11]	17,18	
HH72UQ	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	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 3sp

HKAWDU	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
HPHUP2	Identifiler® Identifiler Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
HQD9HL	PowerPlex® 16 HS						
	3sp				18	11,12	9,11
		14			11	11,13	18
			29,33.2		X,Y	12	20
			7	7,9	8	17,18	
HR6GHP	PowerPlex® 16						
	3sp				18	11,12	9,11
		14			11	11,13	18
			29,33.2		X,Y	12	20
			7	7,9	8	17,18	
HUCC2D	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
HV737R	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
HWMPUV	PowerPlex® 16 HS						
	3sp	N/A	N/A	N/A	18	11,12	9,11
		14	N/A	N/A	11	11,13	18
		N/A	29,33.2	N/A	X,Y	12	20
			7,[12]	N/A	7,9	8,[11]	17,18
HYEJXR	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	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 3sp

HZ4Y28	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
HZ7JV3	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14,15	29,33.2		X,Y	12,12	20,20
J7NYP4	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14,15	29,33.2		X,Y	12	20
J8DWW6	Identifiler® Plus						
	3sp		17,22,23		18	11,12	9,11
		14,15	29,33.2		X,Y	11,12	20
J8GNER	PowerPlex® 16						
	3sp				18	11,12,13	9,11
		11,13	7		7,9	8	17,18
JA9UQB	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,15	29,33.2		X,Y	12,12	20,20
JDQ7BY	Identifiler® , SGMPlus						
	3sp		17,22		18,18	11,12	9,11
		14,15	29,33.2		X,Y	12,12	20,20
JHDYF8	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14,15	29,33.2		X,Y	12	20

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

JJD26B	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
JJTPFX	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14,15	29,33.2		X,Y	12,12	20,20
JJUMQT	PowerPlex® 16 HS						
	3sp				18	11,12	9,11
		14,15	29,33.2		X,Y	12	20
JMDGRZ	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14,15	29,33.2		X,Y	12	20
JQ9DBZ	Identifiler® Plus						
	3sp	-	17,22	-	18,18	11,12	9,11
		14,15	29,33.2	-	X,Y	12,12	20,20
JTZECC	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14,15	29,33.2		X,Y	12	20
JUBUKU	PowerPlex® 21						
	3sp	16,17.3	17,22		18,18	11,12	9,11
		14,15	29,33.2	20,22	X,Y	12,12	20,20
JUVUNE	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,15	29,32.2		X,Y	12,12	20,20

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

JWW3Q4	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
JXEZ9V	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
K2MWYN	PowerPlex® Fusion						
	3sp	16,17.3	17,22	14	18	11,12	9,11
		14	13	20,22	11	11,13	18
		14,15	29,33.2	13,16	X,Y	12	20
				7,9	8	17,18	
K3JQXY	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
K3WTH8	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
K4F7AW	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
K7FY3N	PowerPlex® 16						
	3sp				18	11,12	9,11
		14			11	11,13	18
			29,33.2		X,Y	12	20
				7,9	8	17,[18]	
K7GR3G	Identifiler® Plus, MiniFiler						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	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 3sp

K7NRCX	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
K97XLT	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14,15	29,33.2		X,Y	12,12	20,20
KAZVPT	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14,15	29,33.2		X,Y	12	20
KBP286	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14,15	29,33.2		X,Y	12	20
KF84MB	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14,15	29,33.2		X,Y	10,11,12	20
KF8C9F	Identifiler® Identifiler Plus						
	3sp		17,22		18	11,12	9,11
		14,15	29,33.2		X,Y	12	20
KFMNT7	PowerPlex® 16 HS						
	3sp		17,22		18	11,12	9,11
		11,13	7		7,9	8	17,18
KFT764	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14,15	29,33.2		X,Y	12	20

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

KKVYXT	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
KML83N	Goldeneye 20A						
	3sp		17,22		18,18	11,12	9,11
		14,14		20,22	11,11	11,13	18,18
KMP7GB	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
KNJWMQ	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
KPEDYM	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
KPXL7P	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
KQ8WW2	PowerPlex® 16						
	3sp				18	11,12,13	9,11
		10,14			11,12	9,11,13	15,18
KQ9VPA	PowerPlex® HS						
	3sp						
			29,30.2,33.2		X,Y	10,12	20
KQ9VPA	PowerPlex® HS						
	3sp		7,12		7,8,9	8,11	16,17,18
		9,11,12,13					
KQ9VPA	PowerPlex® HS						
	3sp				18	11,12	9,11
		14			11	11,13	18
KQ9VPA	PowerPlex® HS						
	3sp		29,33.2		X,Y	12	20
		11,13	7		7,9	8	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 3sp

KTVWL3	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
KTX29L	PowerPlex® 16						
	3sp				18	11,12	9,11
		14			11	11,13	18
KVLD8Q	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
KVM76Y	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
KYXBNL	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
L28NY2	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
L3FXTJ	PowerPlex® PP16 HS						
	3sp				18	11,12	9,11
		14			11	11,13	18
L3HJMD	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	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 3sp

L4N98A	PowerPlex® 16						
	3sp				18	11,12	9,11
	14				11	11,13	18
	11,13		29,33.2		X,Y	12	20
L7DKH2	Identifiler®						
	3sp		17,22		18	11,12	9,11
	14				11	11,13	18
	14,15		29,33.2		X,Y	12	20
LAGANF	Identifiler®						
	3sp		17,22,23		15,18	11,12,13	9,10,11
	10,13,14				11,12	9,11,13	15,18
	14,15		29,30.2,33.2		X,Y	10,11,12	20
LC3WJN	Identifiler®						
	3sp		17,22		18,18	11,12	9,11
	14,14				11,11	11,13	18,18
	14,15		29,33.2		X,Y	12,12	20,20
LCXN3N	PowerPlex® Fusion						
	3sp	16,17.3	17,22	14	18	11,12	9,11
	14		13	20,22	11	11,13	18
	14,15		29,33.2	13,16	X,Y	12	20
LEMXCP	PowerPlex® Fusion						
	3sp	16,17.3	17,22	14	18	11,12	9,11
	14		13	20,22	11	11,13	18
	14,15		29,33.2	13,16	X,Y	12	20
LFPYJN	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
	14,14				11,11	11,13	18,18
	14,15		29,33.2		X,Y	12,12	20,20
LHQJC9	PowerPlex® 16 HS						
	3sp				18	11,12	9,11
	14				11	11,13	18
	11,13		29,33.2		X,Y	12	20

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

LJZEB	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
LJKEQ6	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14,15	29,33.2		X,Y	12,12	20,20
LJZQDG	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,15	29,33.2		X,Y	12,12	20,20
LKUJ38	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14,15	29,33.2		X,Y	12	20
LLBL4E	Identifiler® Plus, MiniFiler						
	3sp		17,22		18	11,12	9,11
		14,15	29,33.2		X,Y	12	20
LRZZXM	PowerPlex® 16						
	3sp				18	11,12	9,11
		11,13	7		X,Y	12	20
LT4X3N	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14,15	29,33.2		X,Y	12	20
LTR83K	PowerPlex® 16						
	3sp				18	11,12	9,11
		11,13	7		X,Y	12	20

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

LUNMEG	PowerPlex® 16 HS						
	3sp				18	11,12	9,11
	14				11	11,13	18
	11,13		29,33.2		X,Y	12	20
LV9QU2	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
	14				11	11,13	18
	14,15		29,33.2		X,Y	12	20
LYZRMP	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
	14				11	11,13	18
	14,15		29,33.2		X,Y	12	20
LZUABR	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
	14				11	11,13	18
	14,15		29,33.2		X,Y	12	20
M2J3K2	Identifiler®						
	3sp		17,22		18	11,12	9,11
	14				11	11,13	18
	14,15		29,33.2		X,Y	12	20
M2V6G	Identifiler® Plus, PowerPlex® 16						
	3sp		17,22		18	11,12	9,11
	14				11	11,13	18
	14,15		29,33.2		X,Y	12	20
M4PXAQ	Identifiler®						
	3sp		17,22		18,18	11,12	9,11
	14,14				11,11	11,13	18,18
	14,15		29,33.2		X,Y	12,12	20,20
M9GJAK	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
	14,14				11,11	11,13	18,18
	14,15		29,33.2		X,Y	12,12	20,20
					7,9	8,8	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 3sp

MBKETN	PowerPlex® 16 HS						
	3sp	N/A	N/A	N/A	18	11,12	9,11
		14	N/A	N/A	11	11,13	18
		N/A	29,33.2	N/A	X,Y	12	20
		11,13	7,[12]	N/A	7,9	8,[11]	17,18
MBL8PB	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
MCLX47	Identifiler® Identifiler Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
MCYNWW	Identifiler® Plus						
	3sp	-	17,22	-	18	11,12	9,11
		14	-	-	11	11,13	18
		14,15	29,33.2	-	X,Y	12	20
				7,9	8	17,18	
ME3JFZ	Identifiler® , PowerPlex®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
		11,13	7				
MFJE2D	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
MH9KJN	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
MJJUM3	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	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 3sp

MJKDHW	PowerPlex® 21						
	3sp	16,17.3	17,22		18,18	11,12	9,11
		14,14		20,22	11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
		11,13	7,7		7,9	8,8	17,18
MKR3RF	Identifiler®						
	3sp		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
MLPEB3	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
MNXTCV	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
MPA6YL	PowerPlex® 16 HS						
	3sp				18	11,12	9,11
		14			11	11,13	18
			29,33.2		X,Y	12	20
		11,13	7		7,9	8	17,18
MPMREE	PowerPlex® Fusion						
	3sp	16,17.3	17,22	14,14	18,18	11,12	9,11
		14,14	13,13	20,22	11,11	11,13	18,18
		14,15	29,33.2	13,16	X,Y	12,12	20,20
		11,13	7,7		7,9	8,8	17,18
MQMU4J	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
MRT9KX	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	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 3sp

MT7EZR	PowerPlex® PowerPlex® 21						
	3sp	16,17.3	17,22		18,18	11,12	9,11
		14,14		20,22	11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
		11,13	7,7		7,9	8,8	17,18
MTB724	PowerPlex® Fusion						
	3sp	16,17.3	17,22	14	18	11,12	9,11
		14	13	20,22	11	11,13	18
		14,15	29,33.2	13,16	X,Y	12	20
		11,13	7		7,9	8	17,18
MTZT37	Identifiler® , MiniFiler						
	3sp	NT	17,22	NT	18	11,12	9,11
		14	NT	NT	11	11,13	18
		14,15	29,33.2	NT	X,Y	12	20
		NT	NT	NT	7,9	8	17,18
MUGXMP	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
MXZPZD	PowerPlex® 16						
	3sp				18	11,12	9,11
		14			11	11,13	18
			29,33.2		X,Y	12	20
		11,13	7		7,9	8	17,18
MYCQH7	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
MZ7EYF	Identifiler® Plus						
	3sp	NT	17,22	NT	18	11,12	9,11
		14	NT	NT	11	11,13	18
		14,15	29,33.2	NT	X,Y	12	20
		NT	NT	NT	7,9	8	17,18
MZPCEL	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	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 3sp

N2ZQRE	Identifiler® Plus						
	3sp	N/A	17,22	N/A	18,18	11,12	9,11
		14,14	N/A	N/A	11,11	11,13	18,18
		14,15	29,33.2	N/A	X,Y	12,12	20,20
		N/A	N/A	N/A	7,9	8,8	17,18
N38PM3	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
N4L66B	PowerPlex® 16						
	3sp				18	11,12	9,11
		14			11	11,13	18
			29,33.2		X,Y	12	20
			7	7,9	8	17,18	
NC8KFR	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
NCDP4G	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
ND8WJT	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
NDDFHC	Identifiler®						
	3sp		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
NEJ27C	Identifiler®						
	3sp		17,22,23		15,18	11,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20,20
				7,8,9	8,11	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 3sp

NEXLLF	SGM Select						
	3sp	16,17.3	17,22	14,14	18,18		
		14,14	13,13	20,22		11,13	18,18
		14,15	29,33.2	13,16	X,Y		20,20
				12,30.2	7,9		17,18
NFVXD3	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8		17,18
NGPLUC	Identifiler®						
	3sp		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11		16,17,18
NKPNV8	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8		17,18
NMVZY3	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8		17,18
NMYAMY	PowerPlex® PP21						
	3sp	16,17.3	17,22		18,18	11,12	9,11
		14,14		20,22	11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8		17,18
NQBPZQ	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8		17,18
NQCRKP	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8		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 3sp

NRTLNJ	PowerPlex® 16						
	3sp				18	11,12	9,11
	14				11	11,13	18
	11,13		29,33.2		X,Y	12	20
NT2VH3	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
	14,14				11,11	11,13	18,18
	14,15		29,33.2		X,Y	12,12	20,20
NTK6HB	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
	14				11	11,13	18
	14,15		29,33.2		X,Y	12	20
NUVQWX	Identifiler®						
	3sp		17,22		18	11,12	9,11
	14				11	11,13	18
	14,15		29,33.2		X,Y	12	20
NWEW49	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
	14,14				11,11	11,13	18,18
	14,15		29,33.2		X,Y	12,12	20,20
P2BH9H	PowerPlex® 16 HS						
	3sp				18	11,12,13	9,10,11
	14				11	9,11,13	18
	11,13		29,33.2		X,Y	12	20
P6CMJG	PowerPlex® 16						
	3sp				18	11,12	9,11
	14				11	11,13	18
	11,13		29,33.2		X,Y	12	20
P73XAA	Identifiler®						
	3sp		17,22		18	11,12	9,11
	14				11	11,13	18
	14,15		29,33.2		X,Y	12	20
					7,9	8	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 3sp

PNZ4UX	Identifiler® Plus						
	3sp		17,22		18	11,12	9,10,11
		13,14			11	9,11,13	18
		14,15	29,33.2		X,Y 7,8,9	11,12 8	20 16,17,18
PQABXQ	COfiler® and Profiler Plus® , Identifiler® , MiniFiler						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y 7,9	12 8	20 17,18
PQBYKV	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y 7,9	12,12 8,8	20,20 17,18
PR6Z9Y	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y 7,[8],9	12,12 8,8	20,20 17,18
PTLRPV	Identifiler® , MiniFiler						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y 7,9	12 8	20 17,18
PWDACL	PowerPlex® Fusion						
	3sp	16,17.3	17,22	14	18	11,12	9,11
		14	13	20,22	11	11,13	18
		14,15	29,33.2	13,16	X,Y	[10],[11],12	20
	11,13	7		7,9	8	17,18	
PY6PZG	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y 7,9	12,12 8,8	20,20 17,18
PYPTQP	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y 7,9	12,12 8,8	20,20 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 3sp

PYX482	Identifiler® Plus						
	3sp		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
Q7YLC7	PowerPlex® HS						
	3sp				18	11,12	9,11
		14			11	11,13	18
			29,33.2		X,Y	12	20
	11,13	7		7,9	8	17,18	
Q7YNZP	Identifiler® Plus, MiniFiler						
	3sp	Not tested	17,22	Not tested	18,18	11,12	9,11
		14,14	Not tested	Not tested	11,11	11,13	18,18
		14,15	29,33.2	Not tested	X,Y	12,12	20,20
	Not tested	Not tested	Not tested	7,9	8,8	17,18	
Q89TDD	PowerPlex® 16						
	3sp				18	11,12	9,11
		14			11	11,13	18
			29,33.2		X,Y	12	20
	11,13	7		7,9	8	17,18	
Q8BDDA	Identifiler® Plus, MiniFiler						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
Q8TE2W	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
Q9PTUG	PowerPlex® 16						
	3sp				18	11,12	9,11
		14			11	11,13	18
			29,33.2		X,Y	12	20
	11,13	7		7,9	8	17,18	
QBXXAQ	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	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 3sp

QCBXHY	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
QDK6J8	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
QFP8H4	PowerPlex® HS						
	3sp				18	11,12	9,11
		14			11	11,13	18
QGJ3WZ	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
QL8PMY	GlobalFiler						
	3sp	16,17.3	17,22	14,14	18,18	11,12	9,11
		14,14	13,13	20,22	11,11	11,13	18,18
QM9TMM	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
QQKKAN	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
QQN64H	PowerPlex® 16						
	3sp				18	11,12	9,11
		14			11	11,13	18
		29,33.2			X,Y	12	20
	11,13	7			7,9	8	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 3sp

QQRTXV	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
					7,9	8,8	17,18
QRJN86	PowerPlex® PP16 HS						
	3sp				18	11,12	9,11
		14			11	11,13	18
			29,33.2		X,Y	12	20
		11,13	7		7,9	8	17,18
QT2XFQ	Identifiler®						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
					7,9	8,8	17,18
QU4NVY	Identifiler® Plus						
	3sp		17,22,23		15,18	11,12	9,11
		14			11	9,11,13	18
		14,15	29,33.2		X,Y	10,11,12	20
					7,8,9	8	16,17,18
QYJD29	PowerPlex® 16						
	3sp				18	11,12	9,(10),11
		(13),14			11	(9),11,13	18
			29,33.2		X,Y	(10),(11),12	20
		11,(12),13	7		7,9	8	(16),17,18
QZHE4U	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
					7,9	8,8	17,18
R272NF	PowerPlex® 16 HS						
	3sp	-	-	-	18	11,12	9,11
		14	-	-	11	11,13	18
		-	29,33.2	-	X,Y	12	20
		11,13	7	-	7,9	8	17,18
R2KX3E	Identifiler®						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
					7,9	8,8	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 3sp

R3BKFV	Identifiler® Plus						
	3sp		17,22		18	11,12	9,10,11
		13,14			11	11,13	18
		14,15	29,33.2		X,Y	10,12	20
				7,8,9	8,11	16,17,18	
R3DDBJ	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
R6KZBN	PowerPlex® PP21						
	3sp	16,17.3	17,22		18,18	11,12	9,11
		14,14		20,22	11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
		11,13	7,7		7,9	8,8	17,18
R7UTPH	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
	-	-		7,9	8,8	17,18	
R7XJBK	Identifiler® Plus						
	3sp		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
R9H3YJ	PowerPlex® 16 HS						
	3sp				18	11,12	9,11
		14			11	11,13	18
			29,33.2		X,Y	12	20
	11,13	7		7,9	8	17,18	
RADWBT	Identifiler® Plus						
	3sp	-	17,22	-	18	11,12	9,11
		14	-	-	11	11,13	18
		14,15	29,33.2	-	X,Y	12	20
	-	-	-	7,9	8	17,18	
RAKLAZ	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	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 3sp

RC27LU	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	9,11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
RERP88	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
REVW4F	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
RJ9ELX	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
RLM96B	Identifiler® , Identifiler Plus, PowerPlex® 16, PowerPlex® 16 HS, MiniFiler						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
			7		7,9	8	17,18
RM394C	Identifiler® Plus						
	3sp	N/A	17,22	N/A	18,18	11,12	9,11
		14,14	N/A	N/A	11,11	11,13	18,18
		14,15	29,33.2	N/A	X,Y	12,12	20,20
			N/A	7,9	8,8	17,18	
RNHWFJ	PowerPlex® 16 HS						
	3sp				18	11,12	9,11
		14			11	11,13	18
			29,33.2		X,Y	12	20
			7		7,9	8	17,18
RNVMBV	Identifiler® Plus						
	3sp		17,22,23		18	11,12	9,10,11
		10,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,12	20
				7,8,9	8,11	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 3sp

RPQHDD	Identifiler® Plus						
	3sp	-	17,22	-	18,18	11,12	9,11
		14,14	-	-	11,11	11,13	18,18
		14,15	29,33.2	-	X,Y	12,12	20,20
		-	-	-	7,9	8,8	17,18
RRDT24	PowerPlex® HS						
	3sp				18	11,12	9,11
		14			11	11,13	18
			29,33.2		X,Y	12	20
		11,13	7		7,9	8	17,18
RUZEPK	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
					7,9	8	17,18
RVCW3Y	PowerPlex® 21						
	3sp	16,17.3	17,22	-	18,18	11,12	9,11
		14,14	-	20,22	11,11	11,13	18,18
		14,15	29,33.2	-	X,Y	12,12	20,20
		11,13	7,7	-	7,9	8,8	17,18
RVY7B8	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
					7,9	8	17,18
RWBYUN	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
					7,9	8,8	17,18
RXJJCW	Identifiler® Plus						
	3sp		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	18
		14,15	29,33.2		X,Y	10,11,12	20
					7,8,9	8,11	16,17,18
RYVRK3	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
					7,9	8,8	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 3sp

T2JGNF	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
T3BJ9A	Identifiler® Plus						
	3sp		17,22,[23]		[15],18,18	11,12,[13]	9,[10],11
		[10],14,14			11,11,[12]	[9],11,13	[15],18,18
T42DLY	COfiler® and Profiler Plus® , Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
T4RYW7	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
T7R4GE	Identifiler® Plus						
	3sp		17,22,23		15,18	11,12,13	9,11
		10,14			11	9,11,13	15,18
T8N6HG	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
TATA6	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
TAX6MN	Identifiler®						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18

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 3sp

TB6YAU	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
TC3A3C	PowerPlex® 16						
	3sp				18	11,12	9,11
		14			11	11,13	18
			29,33.2		X,Y	12	20
			7		7,9	8	17,18
TDFY9A	Identifiler®						
	3sp		17,22,23		15,18	11,12,13	9,10,11
		10,13,14			11,12	9,11,13	15,18
		14,15	29,30.2,33.2		X,Y	10,11,12	20
				7,8,9	8,11	16,17,18	
TJ2PWQ	PowerPlex® 16						
	3sp				18	11,12	9,11
		14			11	11,13	18
			29,33.2		X,Y	12	20
			7		7,9	8	17,18
TJKPPU	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
TJUUXC	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
TJWJ7F	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
TKCQL7	Profiler® Plus						
	3sp				18,18	11,12	9,11
		14,14			11,11		18,18
			29,33.2		X,Y		20,20
						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 3sp

TKWDDZ	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
TL36UF	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
TL7GRK	Identifiler® Plus						
	3sp	-	17,22	-	18	11,12	9,11
		14	-	-	11	11,13	18
		14,15	29,33.2	-	X,Y	12	20
				7,9	8	17,18	
TLKZE3	Profiler® Plus						
	3sp				18,18	11,12	9,11
		14,14			11,11		18,18
			29,33.2		X,Y		20,20
						17,18	
TMFNTR	Identifiler® Plus						
	3sp	-	17,22	-	18	11,12	9,11
		14	-	-	11,12	11,13	18
		14,15	29,33.2	-	X,Y	10,12	20
				7,8,9	8	16,17,18	
TMYK6R	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
TN9FWB	PowerPlex® PP16 HS						
	3sp				18	11,12	9,11
		14			11	11,13	18
			29,33.2		X,Y	12	20
				7,9	8	17,18	
TPL9GR	Identifiler® Plus						
	3sp	-	17,22	-	18	11,12	9,11
		14	-	-	11	11,13	18
		14,15	29,33.2	-	X,Y	12	20
				7,9	8	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 3sp

TQLDJL	PowerPlex® 21						
	3sp	16,17.3	17,22		18,18	11,12	9,11
		14,14		20,22	11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
		11,13	7,7		7,9	8,8	17,18
TQMBUH	Identifiler® Plus, Y-filer						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
TRU6GN	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
TUJEP4	PowerPlex® 16 HS						
	3sp				18	11,12	9,11
		14			11	11,13	18
			29,33.2		X,Y	12	20
		11,13	7		7,9	8	17,18
TXLCZW	NGM SElect						
	3sp	16,17.3	17,22	14,14	18,18		
		14,14	13,13	20,22		11,13	18,18
		14,15	29,33.2	13,16	X,Y		20,20
			12,30.2	7,[8],9		17,18	
TYBHH9	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
TZ4PKK	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
U4W4FK	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	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 3sp

U4X2NV	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
U6QUJE	Identifiler® Plus						
	3sp	-	17,22	-	18	11,12	9,11
		14	-	-	11	11,13	18
		14,15	29,33.2	-	X,Y	12	20
		-	-	-	7,9	8	17,18
U7MBVB	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
					7,9	8	17,18
U8G22P	Identifiler® Plus						
	3sp	-	17,22	-	18	11,12	9,11
		14	-	-	11	11,13	18
		14,15	29,33.2	-	X,Y	12	20
		-	-	-	7,9	8	17,18
U8MLV7	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
					7,9	8,8	17,18
U92GTE	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
					7,9	8	17,18
U9DTDG	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
					7,9	8,8	17,18
UA7B44	PowerPlex® 16 HS						
	3sp				18	11,12	9,11
		14			11	11,13	18
			29,33.2		X,Y	12	20
		11,13	7		7,9	8	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 3sp

UCFB9B	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
	14				11	11,13	18
UCVKD6	PowerPlex® 16						
	3sp				18	11,12	9,11
	14				11	11,13	18
UGMZDC	Identifiler® , MiniFiler						
	3sp		17,22		18	11,12	9,11
	14				11	11,13	18
UGR9UC	PowerPlex®						
	3sp				18	11,12	9,11
	14				11	11,13	18
UL7CU9	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
	14,14				11,11	11,13	18,18
ULJHZ6	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
	14,14				11,11	11,13	18,18
UQBMT9	Identifiler® Plus						
	3sp	NT	17,22	NT	18	11,12	9,11
	14		NT	NT	11	11,13	18
UQE8M4	PowerPlex® 16 HS						
	3sp				18	11,12	9,11
	14				11	11,13	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 3sp

UQF8GC	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
UQFXV8	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14,15	29,33.2		X,Y	12	20
UQYWT6	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14,15	29,33.2		X,Y	12	20
UTDUP7	PowerPlex® 16 HS						
	3sp				18	11,12	9,11
		14,15	29,33.2		X,Y	12	20
UTXB3N	Identifiler® Plus						
	3sp		17,22,23		15,18	11,12,13	9,11
		13,14			11,12	9,11,13	18
UXCVGN	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14,15	29,33.2		X,Y	12	20
V3PVDF	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,15	29,33.2		X,Y	12,12	20,20
V6PEQE	PowerPlex® Fusion						
	3sp	16,17.3	17,22	14	18	11,12	9,11
		14,15	29,33.2	13,16	X,Y	12	20

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

V77E7W	PowerPlex® HS						
	3sp				18	11,12	9,11
	14				11	11,13	18
	11,13	29,33.2	7		X,Y	12	20
V7JA7V	Identifiler® Plus						
	3sp		17,22		15,18	11,12	9,11
	10,14				11	11,13	18
	14,15	29,33.2			X,Y	12	20
VCT8AA	PowerPlex® 16 HS						
	3sp				18	11,12	9,11
	14				11	11,13	18
	11,13	29,33.2	7		X,Y	12	20
VCTAYE	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
	14,14				11,11	11,13	18,18
	14,15	29,33.2			X,Y	12,12	20,20
VDMZZM	Identifiler® Plus						
	3sp	-	17,22	-	18,18	11,12	9,11
	14,14				11,11	11,13	18,18
	14,15	29,33.2			X,Y	12,12	20,20
VG8PP7	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
	14,14				11,11	11,13	18,18
	14,15	29,33.2			X,Y	12,12	20,20
VHGWRY	Identifiler®						
	3sp		17,22		18	11,12	9,11
	14				11	11,13	18
	14,15	29,33.2			X,Y	12	20
VJ834H	Identifiler®						
	3sp		17,22		18	11,12	9,11
	14				11	11,13	18
	14,15	29,33.2			X,Y	12	20
					7,9	8	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 3sp

VJ9LYD	Identifiler® ID Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
VLJTD	Globalfiler						
	3sp	16,17.3	17,22	14	18	11,12	9,11
		14	13	20,22	11	11,13	18
VM92K3	PowerPlex® 16						
	3sp				18	11,12	9,11
		14			11	11,13	18
VMQ8QU	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		13,14			11,12	9,11,13	18
VR32XC	PowerPlex® 16						
	3sp	-	-	-	18	11,12	9,11
		14	-	-	11	11,13	18
VRMN9F	PowerPlex® Fusion						
	3sp	16,17.3	17,22	14	18	11,12	9,11
		14	13	20,22	11	11,13	18
VW36QK	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
VW7JQJ	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	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 3sp

WQDWH	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
VWEXE8	Identifiler® Plus, PowerPlex® 16, MiniFiler						
	3sp		17,22		18	11,12	9,11
		14,15	29,33.2		X,Y	12	20
VX82RF	PowerPlex® 16 HS						
	3sp				18	11,12	9,11
		14,15	29,33.2		X,Y	12	20
VZJ37F	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14,15	29,33.2		X,Y	12	20
W3KZ8E	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,15	29,33.2		X,Y	12,12	20,20
W3XFCF	PowerPlex® FUSION						
	3sp	16,17.3	17,22	14	18	11,12	9,11
		14,15	29,[30.2],33.2	13,16	X,Y	[10],12	20
W8UFCW	PowerPlex® 16 HS						
	3sp				18	11,12	9,11
		14,15	29,33.2		X,Y	12	20
W99CTF	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14,15	29,33.2		X,Y	12	20

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

WAZUTB	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
	14				11	11,13	18
WBUHAK	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
	14,15		29,33.2		X,Y	12	20
WCALEX	Identifiler®						
	3sp		17,22,23		15,18	11,12,13	9,10,11
	14,15		29,30.2,33.2		X,Y	10,11,12	20
WDJTHQ	PowerPlex® PP16						
	3sp				18	11,12	9,11
	14		29,33.2		11	11,13	18
WGJCQX	Identifiler® , Identifiler Plus						
	3sp		17,22		18,18	11,12	9,11
	14,15		29,33.2		X,Y	12,12	20,20
WJKZNT	Identifiler® Plus						
	3sp		17,22,23		15,18	11,12,13	9,10,11
	14,15		29,30.2,33.2		X,Y	10,11,12	20
WKHBW4	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
	14,15		29,33.2		X,Y	12	20
WKVX2B	PowerPlex® 16 HS, NGM SElect						
	3sp	16,17.3	17,22	14	18	11,12	9,11
	14,15		29,33.2	13,16	X,Y	12	20

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

WLUZC9	PowerPlex® 16						
	3sp				18	11,12	9,11
	14				11	11,13	18
	11,13		29,33.2		X,Y	12	20
WLVPHR	Identifiler®						
	3sp		17,22		18	11,12	9,11
	14				11	11,13	18
	14,15		29,33.2		X,Y	12	20
WMNBXG	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
	14				11	11,13	18
	14,15		29,33.2		X,Y	12	20
WPAJ4Q	Identifiler® Plus, PowerPlex® 16						
	3sp		17,22		18	11,12	9,11
	14				11	11,13	18
	14,15		29,33.2		X,Y	12	20
WPWXHV	Identifiler® Plus, MiniFiler						
	3sp	N/A	17,22	N/A	18,18	11,12	9,11
	14,14		N/A	N/A	11,11	11,13	18,18
	14,15		29,33.2	N/A	X,Y	12,12	20,20
WR4B7N	Identifiler®						
	3sp		17,22		18	11,12	9,11
	14				11	11,13	18
	14,15		29,33.2		X,Y	12	20
WV2WXR	Identifiler®						
	3sp		17,22		18	11,12	9,11
	14				11	11,13	18
	14,15		29,33.2		X,Y	12	20
WYJZLN	Identifiler®						
	3sp		17,22		18	11,12	9,11
	14				11	11,13	18
	14,15		29,33.2		X,Y	12	20
					7,9	8	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 3sp

WZT72X	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
X2KETE	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
X2NYM9	Identifiler® Plus, Identifiler						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
X3XE2M	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
X4UWYH	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
X7CNY7	PowerPlex® HS						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
X7H7B4	Identifiler® Plus, MiniFiler						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
X87JD2	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	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 3sp

X92X98	PowerPlex® 16						
	3sp				18	11,12	9,11
	14				11	11,13	18
XAXZQ2	Identifiler® Identifiler Plus						
	3sp		29,33.2		X,Y	12	20
	11,13	7			7,9	8	17,18
XC3YBP	Identifiler®						
	3sp		17,22		18	11,12	9,11
	14				11	11,13	18
XCLA3N	Identifiler® Plus						
	3sp		17,22		X,Y	12	20
	14,15	29,33.2			7,9	8	17,18
XCMW9M	PowerPlex® 16						
	3sp				18,18	11,12	9,11
	10,14				11,11	11,13	18,18
XDGKNX	Identifiler® Plus						
	3sp		17,22		X,Y	12,12	20,20
	11,13	7			7,9	8,8	17,18
XJ3FP2	Identifiler®						
	3sp		17,22		18	11,12	9,11
	14				11	11,13	18
XJL44P	Identifiler® Plus						
	3sp		17,22		X,Y	12	20
	14,15	29,33.2			7,9	8	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 3sp

XJMYTM	Identifiler®						
	3sp		17,22		18	11,12	9,11
	14				11	11,13	18
XMLYZC	PowerPlex® 16						
	3sp				18	11,12	9,11
	14				11	11,13	18
XNZUFC	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
	14,14				11,11	11,13	18,18
XQ7898	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
	14				11	11,13	18
XQ7F3C	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
	14,14				11,11	11,13	18,18
XRLJYP	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
	14				11	11,13	18
XRXFZN	Identifiler®						
	3sp		17,22		18	11,12	9,11
	14				11	11,13	18
XTPLC8	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
	14,14				11,11	11,13	18,18

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 3sp

XUK2P6	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
XVAE62	Identifiler®						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
XZB2XB	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
Y2HEJJ	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
Y2JYXT	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14,15	29,33.2		X,Y	12	20
Y3X7JA	PowerPlex® 16 HS						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
Y4LX27	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14,15	29,33.2		X,Y	12	20
Y4NY8J	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
					7,9	8	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 3sp

Y928NB	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
YAAFH3	Identifiler® Plus, MiniFiler						
	3sp		17,22,23		17,18	11,12	9,11
		14,15	29,33.2		X,Y	12,12	20,20
YAQNRQ	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,15	29,33.2		X,Y	12,12	20,20
YBKB7F	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14,15	29,33.2		X,Y	12	20
YBMPNM	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14,15	29,33.2		X,Y	12	20
YCF2AA	PowerPlex® Fusion						
	3sp	16,17.3	17,22	14	18	11,12	9,11
		14,15	29,33.2	13,16	X,Y	12	20
YCFUA3	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,15	29,33.2		X,Y	12,12	20,20
YDFDDA	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,15	29,33.2		X,Y	12,12	20,20

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

YE68QZ	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
YE8GX6	Identifiler® Plus						
	3sp	Blank	17,22	Blank	18,18	11,12	9,11
		14,14	Blank	Blank	11,11,[12]	11,13	18,18
		14,15	29,33.2	Blank	X,Y	12,12	20,20
		Blank	Blank	Blank	7,9	8,8	17,18
YEMAMZ	COfiler® and Profiler Plus®						
	3sp				18	11,12	9,11
		14			11	11,13	18
			29,33.2		X,Y	12	20
				7,9	8	17,18	
YFZW29	PowerPlex® 16 HS						
	3sp				18	11,12	9,11
		14			11	11,13	18
			29,33.2		X,Y	12	20
	11,13	7		7,9	8	17,18	
YH8Y6R	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
YHJZMK	Identifiler® Plus						
	3sp	-	17,22	-	18	11,12	9,11
		14	-	-	11	11,13	18
		14,15	29,33.2	-	X,Y	12	20
	-	-	-	7,9	8	17,18	
YJKQZU	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
YJY3UT	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	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 3sp

YKR2WX	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
YLNQUY	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
YMEUHZ	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
YRCZQC	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
YT4A88	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
YXHTK9	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
YXY2JB	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
YZMBTC	PowerPlex® 16 HS						
	3sp	N/A	N/A	N/A	18	11,12	9,11
		14	N/A	N/A	11	11,13	18
		N/A	29,33.2	N/A	X,Y	12	20
	11,13	7,[12]	N/A	7,9	8,[11]	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 3sp

Z2C4YE	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
Z2V32J	Identifiler® Plus						
	3sp	N/T	17,22	N/T	18,18	11,12	9,11
		14,14	N/T	N/T	11,11	11,13	18,18
		14,15	29,33.2	N/T	X,Y	12,12	20,20
				7,9	8,8	17,18	
Z6FRP3	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
Z84W9E	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
Z93URM	PowerPlex® PP21						
	3sp	16,17.3	17,22		18,18	11,12	9,11
		14,14		20,22	11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
Z9XFC2	Identifiler® Identifiler Plus						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
ZAAAZE	PowerPlex® 21						
	3sp	16,17.3	17,22		18,18	11,12	9,11
		14,14		20,22	11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
ZAP7DT	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	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 3sp

ZCJPGF	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
ZD282J	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14,15	29,33.2		X,Y	12	20
ZE2LUP	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14,15	29,33.2		X,Y	12	20
ZFCVTW	PowerPlex® 16 HS						
	3sp				18	11,12	9,11
		14,15	29,33.2		X,Y	12	20
ZGEJG2	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14,15	29,33.2		X,Y	12	20
ZGPKYU	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14,15	29,33.2		X,Y	12	20
ZMBE4E	Identifiler® Plus						
	3sp		17,22		18	11,12	9,11
		14,15	29,33.2		X,Y	12	20
ZMBMXJ	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,15	29,33.2		X,Y	12,12	20,20

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

ZMJRTG	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
ZMVY3J	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
ZPCJCT	Identifiler®						
	3sp		17,22		18	11,12	9,11
		14			11	11,13	18
		14,15	29,33.2		X,Y	12	20
				7,9	8	17,18	
ZQV3G6	Identifiler®						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
ZUWHYN	Identifiler® Plus						
	3sp	NA	17,22	NA	18,18	11,12	9,11
		14,14	NA	NA	11,11	11,13	18,18
		14,15	29,33.2	NA	X,Y	12,12	20,20
		NA	NA	NA	7,9	8,8	17,18
ZV8FC6	PowerPlex® 16 HS						
	3sp				18	11,12	9,11
		14			11	11,13	18
			29,33.2		X,Y	12	20
			7		7,9	8	17,18
ZYURFG	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	17,18	
ZZKXR2	Identifiler® Plus						
	3sp		17,22		18,18	11,12	9,11
		14,14			11,11	11,13	18,18
		14,15	29,33.2		X,Y	12,12	20,20
				7,9	8,8	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 4

229JQM	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
23PFEF	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
24JWGK	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
27MK2F	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
28FKXR	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
2B3W24	PowerPlex® 16 HS						
	4		29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
2CAXT9	Identifiler® Plus						
	4		29,30.2		X,X	10,11	20,20
		10,13			7,8	8,11	16,16
2CB3JX	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
	Identifiler® Plus						
	4		29,30.2		X	10,11	20
		14,15			7,8	8,11	16

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

2CNRBP	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
2EYTEB	PowerPlex® 16 HS						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
2H48C3	Identifiler® Plus						
	4		22,23		12,15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
2JTFHW	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
2L2QCF	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
2LBTPD	Identifiler® , PowerPlex® Fusion, GlobalFiler Express						
	4	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X	10,11	20
		9,12	12,13	23.2,30.2	7,8	8,11	16
2LVMDU	Identifiler® Plus						
	4	10,13	29,30.2	10,11	10,11	15,18	7,8
		11,12	9,13	22,23	14,15	16,16	8,11
		15,18	X,X	11,13	20,20		
2NK2UR	PowerPlex® 16 HS						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X,X	10,11	20,20
		9,12	12,13		7,8	8,11	16,16

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

2NLHJC	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
2PFBDA	Identifiler® Identifiler Plus						
	4	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
2QAA28	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
2RNMWW	PowerPlex® 16 HS						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
2TEVY	PowerPlex® Fusion						
	4	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
2UDUE8	PowerPlex® 16						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
2V88R6	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
2VJNNC	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18

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 4

2XP43V	Identifiler® Plus						
	4	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
		14,15	29,30.2	-	X,X	10,11	20,20
		-	-	-	7,8	8,11	16,16
2YAY6C	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
2ZFX9C	PowerPlex® 16 HS						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
327JDN	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
329ALQ	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
32PXR6	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
34UTNA	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
36M2E6	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	

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

37XV4D	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
37YLG M	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
38TAXX	Identifiler®						
	4		29,30.2		X	10,11	20
		14,15			7,8	8,11	16
38TYRY	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
3AH94L	Identifiler®						
	4		29,30.2		X,X	10,11	20
		9,12	12,13		7,8	8,11	16
3AJKNQ	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
3AX2PB	Identifiler®						
	4		29,30.2		X	10,11	20
		14,15			7,8	8,11	16
3FAHAD	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
3AH94L	Identifiler®						
	4		29,30.2		X	10,11	20
		14,15			7,8	8,11	16
3AJKNQ	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
3AX2PB	Identifiler® Plus						
	4		29,30.2		X,X	10,11	20,20
		14,15			7,8	8,11	16,16
3FAHAD	Identifiler® Plus						
	4		22,23		15,18	[11],[13]	[10],[11]
		[10],[13]			[11],12	[9],[13]	[15],[18]
3AH94L	Identifiler®						
	4		[29],[30.2]		X,X	[10],[11]	[20]
		14,15			7,8	[8],[11]	16

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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3HT7GQ	Identifiler® Plus						
	4	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
		14,15	29,30.2	-	X,X	10,11	20,20
3J4YEY	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
3J6U3C	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
3K48WC	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
3LAEZJ	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
3LC9FJ	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
3LELBT	PowerPlex® 16 HS						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
3N3D6A	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	

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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3NZLYM	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
3QADJP	PowerPlex® 16 HS						
	4				X	10,11	20
		14,15	29,30.2		7,8	8,11	16
3QKJD6	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
3RF3HR	Identifiler® Plus						
	4		22,23		X,X	10,11	20,20
		14,15	29,30.2		7,8	8,11	16,16
3U4NZG	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
3U6FXP	PowerPlex® Fusion						
	4	15,17.3	22,23	13,14	X	10,11	20
		10,13	12,17	18	7,8	8,11	16
3V4XHK	PowerPlex® 21						
	4	15,17.3	22,23		11,12	9,13	15,18
		10,13		18,18	X,X	10,11	20,20
3WBYY7	PowerPlex® 16						
	4				7,8	8,11	16,16
		14,15	29,30.2		X	10,11	20
3WBY7	PowerPlex® 16						
	4				7,8	8,11	16
		10,13			11,12	9,13	15,18
		29,30.2		X	10,11	20	
	9,12	12,13		7,8	8,11	16	

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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3WTNQY	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
3X26EW	Identifiler® , Identifiler Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
3YNREK	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
3ZXC9A	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
43V8BA	PowerPlex® 16 HS						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
448ZWB	PowerPlex® Fusion, Globalfiler Express						
	4	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X,X	10,11	20
		9,12	12,13	23.2,30.2	7,8	8,11	16
48MMAF	PowerPlex® Fusion						
	4	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X	10,11	20
		9,12	12,13		7,8	8,11	16
48PBXL	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	

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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49J7CH	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
4ADWFB	PowerPlex® Fusion, Rapid HIT, GlobalFiler Express						
	4	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X	10,11	20
		9,12	12,13	23.2,30.2	7,8	8,11	16
4AFD3A	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
4B8KWL	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
4EW3JJ	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
4F2AMQ	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
4GE2HT	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
4GK3QA	Identifiler® Identifiler Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16

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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4GYQRZ	Identifiler® Plus						
	4	NT	22,23	NT	15,18	11,13	10,11
		10,13	NT	NT	11,12	9,13	15,18
		14,15	29,30.2	NT	X	10,11	20
4HQRPC	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
4J49Z4	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
4J6LHC	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
4JLMLD	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
4JM3PK	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
4L8LGM	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
4PD6LB	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20
				7,8	8,11	16	

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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4TB9QC	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
4TBYQL	PowerPlex® Fusion						
	4	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
4TK94R	PowerPlex® 16						
	4						
		14,15	29,30.2	11,15	X	10,11	20
4UYLRLN	Identifiler® , MiniFiler						
	4	NT	22,23	NT	15,18	11,13	10,11
		10,13	NT	NT	11,12	9,13	15,18
4WQYUL	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		14,15	29,30.2		X,X	10,11	20,20
4Z9N8Q	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		14,15	29,30.2		X	10,11	20
4ZTGX3	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		14,15	29,30.2		X,X	10,11	20,20
62VQ9W	PowerPlex® 16 HS						
	4						
		9,12	12,13		7,8	8,11	16

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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62XB9T	Identifiler®						
	4	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
		14,15	29,30.2	-	X,X	10,11	20,20
63R2E8	Identifiler® Plus						
	4	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
		14,15	29,30.2	-	X	10,11	20
66YTPE	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
6C47F4	PowerPlex® 16						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X,X	10,11	20
6E8WLJ	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
6EQ7U6	PowerPlex® 16						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
6H7G6A	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
6JF8Q8	PowerPlex® Fusion						
	4	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X	10,11	20
		9,12	12,13		7,8	11	16

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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6L7D6C	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
6V8FD	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
6WJNHU	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
6WPND9	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
6XWEER	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
6YBQ8V	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
6ZMLPF	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
72WQ36	PowerPlex® 16 HS						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		29,30.2			X	10,11	20
	9,12	12,13			7,8	8,11	16

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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732KFF	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
76HLU4	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
77KH47	Identifiler® Plus						
	4	-	22,23	-	15,18	11,13	10,11
		10,13			11,12	9,13	15,18
782HHU	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
782R4Y	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
79BNMH	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
7B2XNW	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
7E7GV6	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18

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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7FVBJD	PowerPlex® PowerPlex® 21						
	4	15,17.3	22,23		15,18	11,13	10,11
		10,13		18,18	11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
		9,12	12,13		7,8	8,11	16,16
7GQ2KL	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
7JFAT2	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
7KBTWN	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
7KL9RW	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
7MD7KW	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
7NDLWE	PowerPlex® PP21						
	4	15,17.3	22,23		15,18	11,13	10,11
		10,13		18,18	11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
		9,12	12,13		7,8	8,11	16,16
7NN6JC	Identifiler® Plus						
	4	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
		14,15	29,30.2	-	X,X	10,11	20,20
		-	-	-	7,8	8,11	16,16

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

7NUMVA	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
7PM2E2	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
7TN663	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
7V99M8	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
7X2HXF	PowerPlex® 21						
	4	15,17.3	22,23		15,18	11,13	10,11
		10,13		18,18	11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
		9,12	12,13		7,8	8,11	16,16
7XH9UZ	PowerPlex® 16 HS						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
7ZZCFC	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
83PUHX	PowerPlex® 16 HS						
	4	N/A	N/A	N/A	15,18	11,13	10,11
		10,13	N/A	N/A	11,12	9,13	15,18
		N/A	29,30.2	N/A	X	10,11	20
		9,12	12,13	N/A	7,8	8,11	16

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

84VNTM	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
84ZW4W	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
877P99	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
88G9ZD	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
89DCH8	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
8A8ULU	Identifiler® Plus						
	4	NT	22,23	NT	15,18	11,13	10,11
		10,13	NT	NT	11,12	9,13	15,18
8BYLKZ	PowerPlex® 16 HS						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
8C72GK	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18

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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8CCJ8B	Identifiler® , SGMPlus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
8CDT7H	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
8DHP7C	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
8EGMNY	PowerPlex® 16						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
8EHFL8	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
8EXQCY	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
8GKH83	PowerPlex® ESI 17 System						
	4	15,17.3	22,23	13,14	15,18		
		10,13	12,17	18,18		9,13	15,18
8HZ7XA	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18

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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8J9K3V	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
8MRYRJ	Identifiler® , MiniFiler						
	4	NT	22,23	NT	15,18	11,13	10,11
		10,13	NT	NT	11,12	9,13	15,18
8N9LC6	Identifiler® Identifiler Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
8T2NF6	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
8U8Q44	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
8VQP8T	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
8XRMNM	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
8Y3HEL	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18

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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8Y48MP	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
8Y4G9U	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
8ZTUNQ	PowerPlex® 16 HS						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
934AW4	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
93C7Z2	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
96AVMN	PowerPlex® 16						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
98CBZ2	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
98W2XR	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18

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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9AVEMD	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
9BDAJ7	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
9C4MTC	PowerPlex® Fusion						
	4	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
9CR4D7	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
9D3F2H	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
9EDF3J	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
9EYGYE	PowerPlex® 21						
	4	15,17.3	22,23		15,18	11,13	10,11
		10,13		18,18	11,12	9,13	15,18
9G3MKU	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18

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 4

9GFGNN	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
9K36CU	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
9KYZUH	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
9LRHTR	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
9M9DUR	Identifiler® Plus, MiniFiler						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
9NKPEV	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
9PBFQH	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
9Q8WRJ	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18

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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9QLEHJ	PowerPlex® 16 HS						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X,X	10,11	20
		9,12	12,13		7,8	8,11	16
9TBR92	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
9TPAYZ	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
9TV72K	Identifiler®						
	4	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
		14,15	29,30.2	-	X	10,11	20
		-	-	-	7,8	8,11	16
9U7DZ8	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
9VKAE6	Identifiler® Identifiler Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
9YJEE6	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
A4D6A3	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16

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

A87BJX	PowerPlex® 16						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X,X	10,11	20
		9,12	12,13		7,8	8,11	16
AB8F3K	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
AB8GY4	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
AE8KUW	PowerPlex® 16 HS						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
AEUU7L	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
AGC8D3	Identifiler® Plus						
	4	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
		14,15	29,30.2	-	X	10,11	20
		-	-	-	7,8	8,11	16
AGVPD9	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
AJKYNA	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20
					7,8	8,11	16

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

AKQZ93	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
ALQE28	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
AMJPYA	Identifiler® Plus						
	4	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
ATWKP7	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
AW46EX	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
B3C34B	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
B3QE4M	Profiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12		15,18
B46DJA	PowerPlex® 21						
	4	15,17.3	22,23		15,18	11,13	10,11
		10,13		18,18	11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
		9,12	12,13		7,8	8,11	16,16

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

B498DW	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
B4J6A2	Identifiler® Plus						
	4	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
		14,15	29,30.2	-	X	10,11	20
				7,8	8,11	16	
B8L7CJ	PowerPlex® Fusion						
	4	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X	10,11	20
		9,12	12,13		7,8	8,11	16
B8N8FB	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
BAPR9W	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
BBL8KT	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
BBQDB4	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
BBQHMR	Identifiler® AmpFISTR						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20
				7,8	8,11	16	

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

BE68UG	PowerPlex® Fusion						
	4	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X	10,11	20
		9,12	12,13		7,8	8,11	16
BE6FTT	PowerPlex® 16 HS						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
BGEXXW	Identifiler® Identifiler Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
BH44G9	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
BH9G3J	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
BHNCEX	PowerPlex® 16						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X,X	10,11	20
		9,12	12,13		7,8	8,11	16
BKUW3X	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
BQX8MQ	Identifiler® Plus, MiniFiler						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	

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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BRRC96	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
BTND62	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
BTZTYN	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
BUL9MR	PowerPlex® Fusion						
	4	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18,18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X,X	10,11	20,20
	9,12	12,13		7,8	8,11	16,16	
BUYUZA	PowerPlex® Fusion						
	4	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X	10,11	20
	9,12	12,13		7,8	8,11	16	
BYCREN	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
BYW4LA	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
BZR88A	PowerPlex® 21						
	4	15,17.3	22,23		15,18	11,13	10,11
		10,13		18,18	11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
	9,12	12,13		7,8	8,11	16,16	

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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BZT6H7	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
BZZ9NW	Identifiler® , PowerPlex® , NGM-SELECT						
	4	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X,X	10,11	20
		9,12	12,13	23.2,30.2	7,8	8,11	16
C3QKB9	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
CA3YHH	PowerPlex® 16						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
	9,12	12,13		7,8	8,11	16	
CA6HNU	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20
				7,8	8,11	16	
CCEHVL	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
CCJTXK	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
CDMTP6	Identifiler® Plus						
	4	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
		14,15	29,30.2	-	X,X	10,11	20,20
		-	-	-	7,8	8,11	16,16

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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CFVYAK	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
CHFR4Z	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
CJPVJJ	PowerPlex® PP21						
	4	15,17.3	22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
CLL632	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
CQ2JY9	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
CQUNZU	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
CRKUEY	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
CVQ3WW	PowerPlex® 16						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X,X	10,11	20
		9,12	12,13		7,8	8,11	16

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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CX9JTG	Identifiler® , PowerPlex® 16 HS, NGM Select						
	4	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18,18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X,X	10,11	20,20
		9,12	12,13	23.2,30.2	7,8	8,11	16,16
D288TP	Identifiler® Plus, PowerPlex® 16, MiniFiler						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
D4CTMG	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
D7KYB3	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
D8EJ9B	Identifiler® , PowerPlex®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
		9,12	12,13		7,8	8,11	16,16
DAM8QR	Identifiler® Plus						
	4	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
		14,15	29,30.2	-	X,X	10,11	20,20
		-	-	-	7,8	8,11	16,16
DBV4UQ	Identifiler® Plus, PowerPlex® PP16 HS, ESX-CS7						
	4	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X,X	10,11	20
		9,12	12,13	23.2,30.2	7,8	8,11	16
DD62CE	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16

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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DDNU8W	PowerPlex® 16						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
DDYWQA	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
DEUEUW	PowerPlex® Fusion						
	4	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X	10,11	20
DGJLBM	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
DJEH49	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
DJMGWB	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
DKLJNZ	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20
DMVDW8	Identifiler® , MiniFiler						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	

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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DN3X6F	COfiler® and Profiler Plus®						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
				7,8	8,11	16	
DNMYG3	Identifiler® , MiniFiler						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
DPEQ4N	PowerPlex® 16 HS, MiniFiler						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X,X	10,11	20,20
		9,12	12,13		7,8	8,11	16,16
DPXKT6	Identifiler® Plus, MiniFiler						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
DRK28J	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
DRNMZD	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
DTHVY3	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
DVJMRU	PowerPlex® 16 HS, ESX17						
	4	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X	10,11	20
		9,12	12,13	23.2,30.2	7,8	8,11	16

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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DVZL6R	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
DX9T9K	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
E23AZ6	PowerPlex® Fusion						
	4	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X	10,11	20
		9,12	12,13		7,8	8,11	16
E7HNWC	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
E7YD6B	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
E8HR22	PowerPlex® 21						
	4	15,17.3	22,23		15,18	11,13	10,11
		10,13		18,18	11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
		9,12	12,13		7,8	8,11	16,16
E8U7AP	PowerPlex® 16 HS						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
E9NZNL	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16

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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E9NZQ7	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
EBBQYQ	PowerPlex® 16 HS						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
EBW792	Identifiler® Plus						
	4	Not Tested	22,23	Not Tested	15,18	11,13	10,11
		10,13	Not Tested	Not Tested	11,12	9,13	15,18
		14,15	29,30.2	Not Tested	X,X	10,11	20,20
	Not Tested	Not Tested	Not Tested	7,8	8,11	16,16	
ECN9TV	PowerPlex® Fusion						
	4	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X	10,11	20
		9,12	12,13		7,8	8,11	16
EDKBUY	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
EEU992	PowerPlex® 21						
	4	15,17.3	22,23		15,18	11,13	10,11
		10,13		18,18	11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
		9,12	12,13		7,8	8,11	16,16
EKGHHT	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
EKNF4Q	Identifiler® , Identifiler Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	

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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ELDXUP	Identifiler® Identifiler Plus						
	4	NT	22,23	NT	15,18	11,13	10,11
		10,13	NT	NT	11,12	9,13	15,18
		14,15	29,30.2	NT	X	10,11	20
		NT	NT	NT	7,8	8,11	16
ELFFZ2	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
ELH9WN	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
ELVYKY	PowerPlex® 16 HS						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	[18],20
		9,12	12,13		7,8	8,11	16
ER6Z4G	PowerPlex® HS						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
ETDTTU	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
ETGT26	PowerPlex® 16						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
EVH6AP	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16

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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EWDNDC	Identifiler® Plus, MiniFiler						
	4	NA	22,23	NA	15,18	11,13	10,11
		10,13	NA	NA	11,12	9,13	15,18
		14,15	29,30.2	NA	X,X	10,11	20,20
	NA	NA	NA	7,8	8,11	16,16	
EWEC33	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
EWMJM	PowerPlex® Fusion						
	4	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18,18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X,X	10,11	20,20
	9,12	12,13		7,8	8,11	16,16	
EX7LX	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
EY2MKZ	Identifiler® ID Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
EYJY8	PowerPlex® PowerPlex® 16						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
	9,12	12,13		7,8	8,11	16	
F2HQUX	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
F2JN49	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	

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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F3ZQ3U	PowerPlex® ESI						
	4	15,17.3	22,23	13,14	15,18	-	-
		10,13	12,17	18,18	-	9,13	15,18
		14,15	29,30.2	11,15	X,X	-	20,20
		-	-	-	7,8	-	16,16
F67A6W	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
F7FJBT	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
F9KVQN	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
F9P2GY	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
F9P7TL	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
F9Z24T	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
FB9CYB	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16

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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FBRCX	PowerPlex® 21						
	4	15,17.3	22,23		15,18	11,13	10,11
		10,13		18,18	11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
		9,12	12,13		7,8	8,11	16,16
FC6HP3	Identifiler® Plus						
	4	N/A	22,23	N/A	15,18	11,13	10,11
		10,13	N/A	N/A	11,12	9,13	15,18
		14,15	29,30.2	N/A	X,X	10,11	20,20
		N/A	N/A	N/A	7,8	8,11	16,16
FDD336	PowerPlex® Fusion						
	4	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X	10,11	20
		9,12	12,13		7,8	8,11	16
FE7AMM	Identifiler® Plus, MiniFiler						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
FGWF6Y	Identifiler®						
	4	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
		14,15	29,30.2	-	X,X	10,11	20,20
		-	-	-	7,8	8,11	16,16
FH9P3K	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20
				7,8	8,11	16	
FNWUTK	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
FPP8FT	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	

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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FRDUWM	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
FRNP78	PowerPlex® 16 HS, NGM SElect						
	4	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
FVXAF8	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
FX47U4	Identifiler® Plus, MiniFiler						
	4	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
FYZBWR	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
FZAMB9	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
G2E4RV	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
G3TXRY	Identifiler® , MiniFiler						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18

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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G7U63N	PowerPlex® 16 HS						
	4				15,18	11,13	10,11
	10,13				11,12	9,13	15,18
G86RYH	PowerPlex® 16						
	4		29,30.2		X	10,11	20
	9,12	12,13			7,8	8,11	16
G8NU6W	COfiler® and Profiler Plus®						
	4				15,18	11,13	10,11
	10,13		29,30.2		11,12	9,13	15,18
G8THYA	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
	10,13				11,12	9,13	15,18
GB9MHK	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
	10,13				11,12	9,13	15,18
GCXZH	Identifiler®						
	4		22,23		15,18	11,13	10,11
	10,13				11,12	9,13	15,18
GE9ELW	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
	10,13				11,12	9,13	15,18
GEMB3G	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
	10,13				11,12	9,13	15,18
			29,30.2		X	10,11	20
					7,8	8,11	16

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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GHNTA3	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
GJ2QR9	Identifiler®						
	4		22,[23]		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
GJG44Y	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
GJHZCA	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
GL4TCH	PowerPlex® 16						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
GLK4YP	Identifiler® Plus						
	4	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
GLTRUQ	PowerPlex® 16 HS						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
GMYCGQ	PowerPlex® 16 HS						
	4	N/A	N/A	N/A	15,18	11,13	10,11
		10,13	N/A	N/A	11,12	9,13	15,18

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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GNE9U4	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
GP6YUV	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
GPKC4Z	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
GQXRNT	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
GRCCG3	Identifiler® , MiniFiler						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
GTPQ4C	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
GXF6K7	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
GXKD28	PowerPlex® 16						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
	9,12		12,13		7,8	8,11	16

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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GZ3Q9M	PowerPlex® 16						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
H2U3P9	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
H42KLH	PowerPlex® Fusion						
	4	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X	10,11	20
H4MY8F	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
H74KMF	Identifiler® , MiniFiler						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
H7LEGX	PowerPlex® 21						
	4	15,17.3	22,23	NT	15,18	11,13	10,11
		10,13	NT	18,18	11,12	9,13	15,18
		14,15	29,30.2	NT	X,X	10,11	20,20
H7UWKA	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
HCW43X	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	

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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HFGVBE	PowerPlex® 16						
	4				15,18	11,13	10,11
	10,13				11,12	9,13	15,18
HH72UQ	Identifiler® Plus						
	4		29,30.2		X	10,11	20
	9,12		12,13		7,8	8,11	16
HPHUP2	Identifiler® Identifiler Plus						
	4		22,23		15,18	11,13	10,11
	10,13				11,12	9,13	15,18
HQA9HL	PowerPlex® 16 HS						
	4				15,18	11,13	10,11
	10,13				11,12	9,13	15,18
HQW9BP	Identifiler® Plus						
	4		29,30.2		X	10,11	20
	9,12		12,13		7,8	8,11	16
HR6GHP	PowerPlex® 16						
	4				15,18	11,13	10,11
	10,13				11,12	9,13	15,18
HUCC2D	Identifiler® Plus						
	4		29,30.2		X	10,11	20
	9,12		12,13		7,8	8,11	16
HV737R	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
	10,13				11,12	9,13	15,18
HV737R	Identifiler® Plus						
	4		29,30.2		X,X	10,11	20
	14,15				7,8	8,11	16

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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HWMPUV	PowerPlex® 16 HS						
	4	N/A	N/A	N/A	15,18	11,13	10,11
		10,13	N/A	N/A	11,12	9,13	15,18
		N/A	29,30.2	N/A	X	10,11	20
		9,12	12,13	N/A	7,8	8,11	16
HYEJXR	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
HZ4Y28	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
HZ7JV3	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
J7NYP4	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
J8DWW6	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
J8GNER	PowerPlex® 16						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
JA9UQB	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	

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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JDQ7BY	Identifiler® , SGMPlus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
JHDYF8	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
JJD26B	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
JJTAFX	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
JJUMQT	PowerPlex® 16 HS						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
JMDGRZ	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
JQ9DBZ	Identifiler® Plus						
	4	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
JTZECC	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18

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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JUBUKU	PowerPlex® 21						
	4	15,17.3	22,23		15,18	11,13	10,11
		10,13		18,18	11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
		9,12	12,13		7,8	8,11	16,16
JUVUNE	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
JWW3Q4	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
JXEZ9V	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
K2MWYN	PowerPlex® Fusion						
	4	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X	10,11	20
		9,12	12,13		7,8	8,11	16
K3JQXY	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
K3WTH8	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
K4F7AW	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16

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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K7FY3N	PowerPlex® 16						
	4				15,18	11,13	10,11
	10,13				11,12	9,13	15,18
K7GR3G	Identifiler® Plus, MiniFiler						
	4		29,30.2		X	10,11	20
	9,12		12,13		7,8	8,11	16
K7NRCX	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
	10,13				11,12	9,13	15,18
K8VZCH	Identifiler®						
	4		29,30.2		X,X	10,11	20,20
	14,15				7,8	8,11	16,16
K97XLT	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
	10,13				11,12	9,13	15,18
KAZVPT	Identifiler® Plus						
	4		29,30.2		X	10,11	20
	14,15				7,8	8,11	16
KBP286	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
	10,13				11,12	9,13	15,18
KF84MB	Identifiler® Plus						
	4		29,30.2		X	10,11	20
	14,15				7,8	8,11	16

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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KPXL7P	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
KQ8WW2	PowerPlex® 16						
	4				X,X	10,11	20,20
		14,15	29,30.2		7,8	8,11	16,16
KQ9VPA	PowerPlex® HS						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
KTVWL3	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
KTX29L	PowerPlex® 16						
	4				X,X	10,11	20
		14,15	29,30.2		7,8	8,11	16
KVLD8Q	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
KVM76Y	Identifiler®						
	4		22,23		X,X	10,11	20,20
		14,15	29,30.2		7,8	8,11	16,16
KYXBNL	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20
					7,8	8,11	16

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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L28NY2	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
L3FXTJ	PowerPlex® PP16 HS						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
L3HJMD	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
L7DKH2	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
LAGANF	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
LC3WJN	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
LCXN3N	PowerPlex® Fusion						
	4	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X	10,11	20
		9,12	12,13		7,8	8,11	16
LEMXCP	PowerPlex® Fusion						
	4	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X	10,11	20
		9,12	12,13		7,8	8,11	16

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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LFPYJN	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
LHQJC9	PowerPlex® 16 HS						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
LJJZEB	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
LJKEQ6	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
LJZQDG	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
LKFQUK	PowerPlex® 16						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X,X	10,11	20
		9,12	12,13		7,8	8,11	16
LKUJ38	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
LLBL4E	Identifiler® Plus, MiniFiler						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16

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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LP6GU2	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
LRENU9	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
LRZZXM	PowerPlex® 16						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
LT4X3N	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
LTR83K	PowerPlex® 16						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
LUNMEG	PowerPlex® HS						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
LV9QU2	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
LYZRMP	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18

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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LZUABR	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
M2J3K2	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
M2V6G	Identifiler® Plus, PowerPlex® 16						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
M4PXAQ	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
M9GJAK	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
MBKETN	PowerPlex® 16 HS						
	4	N/A	N/A	N/A	15,18	11,13	10,11
		10,13	N/A	N/A	11,12	9,13	15,18
		N/A	29,30.2	N/A	X	10,11	20
		9,12	12,13	N/A	7,8	8,11	16
MBL8PB	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
MCLX47	Identifiler® Identifiler Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	

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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MCYNWW	Identifiler® Plus						
	4	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
		14,15	29,30.2	-	X	10,11	20
		-	-	-	7,8	8,11	16
ME3JFZ	Identifiler®, PowerPlex®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20
		9,12	12,13		7,8	8,11	16
MFJE2D	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
MH9KJN	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
MJJUM3	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
MJKDHW	PowerPlex® 21						
	4	15,17.3	22,23		15,18	11,13	10,11
		10,13		18,18	11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
		9,12	12,13		7,8	8,11	16,16
MKR3RF	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
MLPEB3	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	

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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MNXTCV	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
MPA6YL	PowerPlex® 16 HS						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
MPMREE	PowerPlex® Fusion						
	4	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18,18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X,X	10,11	20,20
		9,12	12,13		7,8	8,11	16,16
MRT9KX	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20
				7,8	8,11	16	
MT7EZR	PowerPlex® PowerPlex® 21						
	4	15,17.3	22,23		15,18	11,13	10,11
		10,13		18,18	11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
		9,12	12,13		7,8	8,11	16,16
MTB724	PowerPlex® Fusion						
	4	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X	10,11	20
		9,12	12,13		7,8	8,11	16
MTZT37	Identifiler® , MiniFiler						
	4	NT	22,23	NT	15,18	11,13	10,11
		10,13	NT	NT	11,12	9,13	15,18
		14,15	29,30.2	NT	X	10,11	20
		NT	NT	NT	7,8	8,11	16
MUGXMP	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	

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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MXZPZD	PowerPlex® 16						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X,X	10,11	20
MYCQH7	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
MZ7EYF	Identifiler® Plus						
	4	NT	22,23	NT	15,18	11,13	10,11
		10,13	NT	NT	11,12	9,13	15,18
		14,15	29,30.2	NT	X	10,11	20
MZPCEL	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
N2ZQRE	Identifiler® Plus						
	4	N/A	22,23	N/A	15,18	11,13	10,11
		10,13	N/A	N/A	11,12	9,13	15,18
		14,15	29,30.2	N/A	X,X	10,11	20,20
N38PM3	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
N4L66B	PowerPlex® 16						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X,X	10,11	20
NC8KFR	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	

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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NCDP4G	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
ND8WJT	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
NDDFHC	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20,20
				7,8	8,11	16,16	
NEJ27C	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
NEXLLF	NGM SElect						
	4	15,17.3	22,23	13,14	15,18		
		10,13	12,17	18,18		9,13	15,18
		14,15	29,30.2	11,15	X,X	10,11	20,20
			23.2,30.2	7,8		16,16	
NFVXD3	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
NGPLUC	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
NKPNV8	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,Y	10,11	20
				7,8	8,11	16	

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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NMVZY3	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
NMYAMY	PowerPlex® PP21						
	4	15,17.3	22,23		15,18	11,13	10,11
		10,13		18,18	11,12	9,13	15,18
NQBPZQ	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
NQCRKP	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
NRTLNJ	PowerPlex® 16						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
NT2VH3	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
NTK6HB	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
NUVQWX	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18

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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NWEW49	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
P2BH9H	PowerPlex® 16 HS						
	4				X,X	10,11	20,20
		14,15	29,30.2		7,8	8,11	16,16
P6CMJG	PowerPlex® 16						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
P73XAA	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
P74CU3	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
P9W2JP	PowerPlex® 21						
	4	15,17.3	22,23		15,18	11,13	10,11
		10,13		18,18	11,12	9,13	15,18
PD7QVQ	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
PDMEZJ	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16

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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PEYNW7	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
PHRWW7	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
PJP7AW	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
PLBUKW	Identifiler® Plus						
	4	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
PNQZHY	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
PNZ4UX	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
PQABXQ	COfiler® and Profiler Plus® , Identifiler® , MiniFiler						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
PQBYKV	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16

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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PR6Z9Y	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
PTLRPV	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
PWDACL	PowerPlex® Fusion						
	4	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X	10,11	20
		9,12	12,13		7,8	8,11	16
PY6PZG	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
PYPTQP	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
				7,8	8,11	16,16	
PYX482	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	
Q7YLC7	PowerPlex® HS						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
Q7YNZP	Identifiler® Plus, MiniFiler						
	4	Not tested	22,23	Not tested	15,18	11,13	10,11
		10,13	Not tested	Not tested	11,12	9,13	15,18
		14,15	29,30.2	Not tested	X,X	10,11	20,20
		Not tested	Not tested	7,8	8,11	16,16	

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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Q89TDD	PowerPlex® 16						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X,X	10,11	20
		9,12	12,13		7,8	8,11	16
Q8BDDA	Identifiler® Plus, MiniFiler						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
Q8TE2W	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
Q9PTUG	PowerPlex® 16						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X,X	10,11	20
		9,12	12,13		7,8	8,11	16
QBXXAQ	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
QCBXHY	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
QDK6J8	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
QFP8H4	PowerPlex® HS						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16

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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QGJ3WZ	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
QL8PMY	GlobalFiler						
	4	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18,18	11,12	9,13	15,18
QM9TMM	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
QQKKAN	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
QQN64H	PowerPlex® 16						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
QRJN86	PowerPlex® PP16 HS						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
QT2XFQ	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
QU4NVY	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18

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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QX29ZJ	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
QYJD29	PowerPlex® 16						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
R272NF	PowerPlex® 16 HS						
	4	-	-	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
		-	29,30.2	-	X	10,11	20
		9,12	12,13	-	7,8	8,11	16
R2KX3E	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
R3BKFW	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
R3DDBJ	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
R6KZBN	PowerPlex® PP21						
	4	15,17.3	22,23		15,18	11,13	10,11
		10,13		18,18	11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
		9,12	12,13		7,8	8,11	16,16
R7UTPH	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
		-	-		7,8	8,11	16,16

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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R7XJBK	Identifiler® Plus						
	4		17,22		18	11,12	9,11
		14			11	11,13	18
R9H3YJ	PowerPlex® 16 HS						
	4				X,Y	12	20
		14,15	29,33.2		7,9	8	17,18
RADWBT	Identifiler® Plus						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
RAKLAZ	Identifiler® Plus						
	4				X	10,11	20
		14,15	29,30.2		7,8	8,11	16
RC27LU	Identifiler® Plus						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
RERP88	Identifiler® Plus						
	4				X,X	10,11	20,20
		14,15	29,30.2		7,8	8,11	16,16
RJ9ELX	Identifiler®						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
RLM96B	Identifiler® , Identifiler Plus, PowerPlex® 16, PowerPlex® 16 HS, MiniFiler						
	4				X	10,11	20
		14,15	29,30.2		7,8	8,11	16

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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RM394C	Identifiler® Plus						
	4	N/A	22,23	N/A	15,18	11,13	10,11
		10,13	N/A	N/A	11,12	9,13	15,18
		14,15	29,30.2	N/A	X,X	10,11	20,20
		N/A	N/A	N/A	7,8	8,11	16,16
RNHWFJ	PowerPlex® 16 HS						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
RNVMBV	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
RPQHDD	Identifiler® Plus						
	4	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
		14,15	29,30.2	-	X,X	10,11	20,20
		-	-	-	7,8	8,11	16,16
RRDT24	PowerPlex® HS						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
RUZEPK	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
RVCW3Y	PowerPlex® 21						
	4	15,17.3	22,23	-	15,18	11,13	10,11
		10,13	-	18,18	11,12	9,13	15,18
		14,15	29,30.2	-	X,X	10,11	20,20
		9,12	12,13	-	7,8	8,11	16,16
RVY7B8	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16

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

RWBYUN	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
RXJJCW	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
RYVRK3	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
RZN444	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
T2JGNF	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
T3BJ9A	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
T42DLY	COfiler® and Profiler Plus® , Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
T4RYW7	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18

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 4

T7R4GE	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
T8N6HG	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
TATAX6	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
TAX6MN	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
TB6YAU	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
TBKAVF	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
TC3A3C	PowerPlex® 16						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
TDFY9A	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18

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 4

TJ2PWQ	PowerPlex® 16						
	4				15,18	11,13	10,11
	10,13				11,12	9,13	15,18
TJKPPU	Identifiler®						
	4		29,30.2		X	10,11	20
	9,12		12,13		7,8	8,11	16
TJKPPU	Identifiler®						
	4		22,23		15,18	11,13	10,11
	10,13				11,12	9,13	15,18
TJUUXC	Identifiler® Plus						
	4		29,30.2		X	10,11	20
	14,15		22,23		7,8	8,11	16
TJUUXC	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
	10,13				11,12	9,13	15,18
TJWJ7F	Identifiler® Plus						
	4		29,30.2		X,X	10,11	20,20
	14,15		22,23		7,8	8,11	16,16
TJWJ7F	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
	10,13				11,12	9,13	15,18
TKCQL7	Profiler® Plus						
	4		29,30.2		X	10,11	20
	10,13				7,8	8,11	16
TKCQL7	Profiler® Plus						
	4		29,30.2		X,X	10,11	20,20
	10,13				11,12		15,18
TKWDDZ	Identifiler®						
	4		22,23		15,18	11,13	10,11
	10,13				11,12	9,13	15,18
TKWDDZ	Identifiler®						
	4		29,30.2		X	10,11	20
	14,15		22,23		7,8	8,11	16
TL36UF	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
	10,13				11,12	9,13	15,18
TL36UF	Identifiler® Plus						
	4		29,30.2		X	10,11	20
	14,15		22,23		7,8	8,11	16
TL7GRK	Identifiler® Plus						
	4	-	22,23	-	15,18	11,13	10,11
	10,13				11,12	9,13	15,18
TL7GRK	Identifiler® Plus						
	4		29,30.2		X	10,11	20
	14,15		22,23		7,8	8,11	16

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

TLKZE3	Profiler® Plus						
	4				15,18	11,13	10,11
		10,13			11,12		15,18
			29,30.2		X		20,20 16,16
TMFNTR	Identifiler® Plus						
	4	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
		14,15	29,30.2	-	X	10,11	20
		-	-	-	7,8	8,11	16
TMYK6R	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
TN9FWB	PowerPlex® PP16 HS						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
	9,12	12,13		7,8	8,11	16	
TPL9GR	Identifiler® Plus						
	4	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
		14,15	29,30.2	-	X	10,11	20
		-	-	-	7,8	8,11	16
TQLDJL	PowerPlex® 21						
	4	15,17.3	22,23		15,18	11,13	10,11
		10,13		18,18	11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
		9,12	12,13		7,8	8,11	16,16
TQMBUH	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
TRU6GN	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16

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

TUJEP4	PowerPlex® 16 HS						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
TXLCZW	NGM SElect						
	4	15,17.3	22,23	13,14	15,18		
		10,13	12,17	18,18		9,13	15,18
		14,15	29,30.2	11,15	X,X		20,20
				23.2,30.2	7,8		16,16
TYBHH9	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
TZ4PKK	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
U4W4FK	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
U4X2NV	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
U6QUJE	Identifiler® Plus						
	4	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
		14,15	29,30.2	-	X,X	10,11	20
		-	-	-	7,8	8,11	16
U7MBVB	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20
					7,8	8,11	16

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

U8G22P	Identifiler® Plus						
	4	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
		14,15	29,30.2	-	X	10,11	20
		-	-	-	7,8	8,11	16
U8MLV7	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
U9DTDG	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20,20
					7,8	8,11	16,16
UA7B44	PowerPlex® 16 HS						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
UCVKD6	PowerPlex® 16						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X,X	10,11	20
		9,12	12,13		7,8	8,11	16
UFB2MA	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
UGMZDC	Identifiler® , MiniFiler						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20
					7,8	8,11	16
UGR9UC	PowerPlex®						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X,X	10,11	20
		9,12	12,13		7,8	8,11	16

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

UL7CU9	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
ULJHZ6	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
UQBMT9	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
UQE8M4	PowerPlex® 16 HS						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
UQF8GC	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
UQFXV8	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
UQYWT6	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
UTDUP7	PowerPlex® 16 HS						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18

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 4

UTXB3N	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
UXCVGN	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
V3PVDF	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
V6PEQE	PowerPlex® Fusion						
	4	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
V77E7W	PowerPlex® HS						
	4		29,30.2		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
V7JA7V	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
VCT8AA	PowerPlex® 16 HS						
	4		29,30.2		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
VCTAYE	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18

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 4

VDMZZM	Identifiler® Plus						
	4	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
		14,15	29,30.2	-	X,X	10,11	20,20
		-	-	-	7,8	8,11	16,16
VG8PP7	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
VHGWRV	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
VJ834H	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
VJ9LYD	Identifiler® ID Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
VLJTDV	Globalfiler						
	4	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X	10,11	20
		n/a	n/a	23.2,30.2	7,8	8,11	16
VM92K3	PowerPlex® 16						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X,X	10,11	20
		9,12	12,13		7,8	8,11	16
VMQ8QU	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16

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

VR32XC	PowerPlex® 16						
	4	-	-	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
		-	29,30.2	-	X,X	10,11	20
VRMN9F	PowerPlex® Fusion						
	4	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X	10,11	20
W36QK	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
W7JQJ	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
WQDWH	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
WVEXE8	Identifiler® Plus, PowerPlex® 16, MiniFiler						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
VX82RF	PowerPlex® 16 HS						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
VZJ37F	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	

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

W3KZ8E	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
W3XFCF	PowerPlex® FUSION						
	4	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
W8QK3Y	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
W8UFCW	PowerPlex® 16 HS						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
W99CTF	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
WAZUTB	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
WBUHAK	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
WCALEX	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18

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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WDJTHQ	PowerPlex® PP16						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
WGJCQX	Identifiler® , Identifiler Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
WJKZNT	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
WKHBW4	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
WKVX2B	PowerPlex® 16 HS, NGM SElect						
	4	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
		14,15	29,30.2	11,15	X	10,11	20
WLUZC9	PowerPlex® 16						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X,X	10,11	20
WLVPHR	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
WMNBXG	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
				7,8	8,11	16	

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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WPAJ4Q	Identifiler® Plus, PowerPlex® 16						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
WPWXHV	Identifiler® Plus, MiniFiler						
	4	N/A	22,23	N/A	15,18	11,13	10,11
		10,13	N/A	N/A	11,12	9,13	15,18
		14,15	29,30.2	N/A	X,X	10,11	20,20
WR4B7N	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
WTBMVD	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
WV2WXR	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
WYJZLN	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
WZT72X	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
X2KETE	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20

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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X2NYM9	Identifiler® , Identifiler Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
X3XE2M	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
X4UWYH	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
X7CNY7	PowerPlex® HS						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
X7H7B4	Identifiler® Plus, MiniFiler						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
X87JD2	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
X8Q3GN	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
X92X98	PowerPlex® 16						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18

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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XAXZQ2	Identifiler® Identifiler Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
XC3YBP	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
XCLA3N	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
XCMW9M	PowerPlex® 16						
	4		29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
XDGKNX	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
XJ3FP2	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
XJL44P	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
XJMYTM	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16

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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XMLYZC	PowerPlex® 16						
	4				15,18	11,13	10,11
	10,13				11,12	9,13	15,18
XNZUFC	Identifiler® Plus						
	4		29,30.2		X	10,11	20
	9,12		12,13		7,8	8,11	16
XQ7898	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
	10,13				11,12	9,13	15,18
XQ7F3C	Identifiler® Plus						
	4		29,30.2		X,X	10,11	20,20
	14,15				7,8	8,11	16,16
XRLJYP	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
	10,13				11,12	9,13	15,18
XRXFZN	Identifiler®						
	4		29,30.2		X	10,11	20
	14,15				7,8	8,11	16
XTPLC8	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
	10,13				11,12	9,13	15,18
XUK2P6	Identifiler® Plus						
	4		29,30.2		X,X	10,11	20,20
	14,15				7,8	8,11	16,16
XUK2P6	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
	10,13				11,12	9,13	15,18
XUK2P6	Identifiler® Plus						
	4		29,30.2		X	10,11	20
	14,15				7,8	8,11	16

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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XVAE62	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
XZB2XB	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
Y2HEJJ	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
Y2JYXT	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
Y3PHPA	Identifiler® Plus						
	4	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
Y3X7JA	PowerPlex® 16 HS						
	4		29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
Y4LX27	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
Y4NY8J	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18

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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Y928NB	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
YAAFH3	Identifiler® Plus, MiniFiler						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
YQNRQ	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
YBKB7F	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
YBMPNM	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
YCF2AA	PowerPlex® Fusion						
	4	15,17.3	22,23	13,14	15,18	11,13	10,11
		10,13	12,17	18	11,12	9,13	15,18
YCFUA3	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
YDFDDA	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18

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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YE68QZ	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
YE8GX6	Identifiler® Plus						
	4	Blank	22,23	Blank	15,18	11,13	10,11
		10,13	Blank	Blank	11,12	9,13	15,18
		14,15	29,30.2	Blank	X,X	10,11	20,20
		Blank	Blank	Blank	7,8	8,11	16,16
YEMAMZ	COfiler® and Profiler Plus®						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
					7,8	8,11	16
YFZW29	PowerPlex® 16 HS						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
		9,12	12,13		7,8	8,11	16
YH8Y6R	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
YHJZMK	Identifiler® Plus						
	4	-	22,23	-	15,18	11,13	10,11
		10,13	-	-	11,12	9,13	15,18
		14,15	29,30.2	-	X,X	10,11	20
		-	-	-	7,8	8,11	16
YJKQZU	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
YJY3UT	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16

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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YKR2WX	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
YLNQUY	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
YMEUHZ	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
YRCZQC	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
YT4A88	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
YXY2JB	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
YZMBTC	PowerPlex® 16 HS						
	4	N/A	N/A	N/A	15,18	11,13	10,11
		10,13	N/A	N/A	11,12	9,13	15,18
Z2C4YE	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18

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 4

Z2V32J	Identifiler® Plus						
	4	N/T	22,23	N/T	15,18	11,13	10,11
		10,13	N/T	N/T	11,12	9,13	15,18
		14,15	29,30.2	N/T	X,X	10,11	20,20
		N/T	N/T	N/T	7,8	8,11	16,16
Z6FRP3	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16
Z84W9E	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
Z93URM	PowerPlex® PP21						
	4	15,17.3	22,23		15,18	11,13	10,11
		10,13		18,18	11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
		9,12	12,13		7,8	8,11	16,16
Z9XFC2	Identifiler® Identifiler Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
ZAAAZE	PowerPlex® 21						
	4	15,17.3	22,23		15,18	11,13	10,11
		10,13		18,18	11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
		9,12	12,13		7,8	8,11	16,16
ZAP7DT	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
					7,8	8,11	16
ZCJPGF	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
					7,8	8,11	16,16

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

ZD282J	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
ZE2LUP	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
ZFCVTW	PowerPlex® 16 HS						
	4				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
ZGEJG2	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
ZGPKYU	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
ZMBE4E	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
ZMBMXJ	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
ZMJRTG	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18

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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ZMVY3J	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
ZPCJCT	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
ZQV3G6	Identifiler®						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
ZUWHYN	Identifiler® Plus						
	4	NA	22,23	NA	15,18	11,13	10,11
		10,13	NA	NA	11,12	9,13	15,18
ZV8FC6	PowerPlex® 16 HS						
	4		29,30.2		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
ZYURFG	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
ZZKXR2	Identifiler® Plus						
	4		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18

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 4e

7HE32N	PowerPlex® 16						
	4e				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X,X	10,11	20
8384BX	Identifiler® Plus						
	4e		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
8M92PK	Identifiler®						
	4e		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
A7CM3N	PowerPlex® HS						
	4e				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X	10,11	20
CBH3JP	Identifiler® Plus						
	4e		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X,X	10,11	20,20
H2ER4M	Identifiler® Identifiler Plus						
	4e		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
HKAWDU	Identifiler® Plus						
	4e		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
		14,15	29,30.2		X	10,11	20
L4N98A	PowerPlex® 16						
	4e				15,18	11,13	10,11
		10,13			11,12	9,13	15,18
			29,30.2		X,X	10,11	20
		12,13		7,8	8,11	16	

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 4e

MQMU4J	Identifiler® Plus						
	4e		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
QQRTXV	Identifiler® Plus						
	4e		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
QZHE4U	Identifiler® Plus						
	4e		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
REVW4F	Identifiler® Plus						
	4e		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
U92GTE	Identifiler® Plus						
	4e		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
UCFB9B	Identifiler® Plus						
	4e		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18
YXHTK9	Identifiler® Plus						
	4e		22,23		15,18	11,13	10,11
		10,13			11,12	9,13	15,18

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 4sp

7HE32N	PowerPlex® 16						
	4sp				NR	NR	NR
		NR			NR	NR	NR
			NR		NR	NR	NR
8384BX	Identifiler® Plus						
	4sp		NR		18 ^	NR	NR
		NR			NR	NR	NR
		NR	NR		NR	NR	NR
8M92PK	Identifiler®						
	4sp		[22,23]		[15,18]	[13]	-
		[10,13]			-	[9,13]	[18]
		[14,15]	-		[X]	-	-
A7CM3N	PowerPlex® HS						
	4sp				[7,8]	-	[16]
CBH3JP	Identifiler® Plus						
	4sp		22		15,18	11	11
		10,13			12	9,13	18
		14,15	30.2		X	10,11	20
H2ER4M	Identifiler® Identifiler Plus						
	4sp		NR		NR	NR	NR
		NR			NR	NR	18 ^
		NR	NR		NR	NR	20 ^
HKAWDU	Identifiler® Plus						
	4sp		not tested; no male DNA		not tested; no male DNA	not tested; no male DNA	not tested; no male DNA
		not tested; no male DNA			not tested; no male DNA	not tested; no male DNA	not tested; no male DNA
		not tested; no male DNA	not tested; no male DNA		not tested; no male DNA	not tested; no male DNA	not tested; no male DNA

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

L4N98A	PowerPlex® 16						
	4sp				NR	NR	NR
		NR			NR	NR	NR
		NR	NR		NR	NR	NR
MQMU4J	Identifiler® Plus						
	4sp		23 ^		15 ^	11 ^	NR
		NR			11 ^,12 ^	NR	NR
		NR	NR		NR	NR	20 ^
					NR	8 ^	NR
QQRTXV	Identifiler®						
	4sp						
QZHE4U	Identifiler® Plus						
	4sp						
REVV4F	Identifiler® Plus						
	4sp		22 ^		18 ^	NR	NR
		NR			11 ^	NR	15 ^,18 ^
		NR	NR		NR	NR	NR
					NR	NR	16 ^
U92GTE	Identifiler® Plus						
	4sp		NR		NR	NR	NR
		NR			NR	NR	NR
		NR	NR		NR	NR	NR
					NR	NR	NR
UCFB9B	Identifiler® Plus						
	4sp		NR		NR	NR	NR
		NR			NR	NR	NR
		NR	NR		NR	NR	NR
					8 ^	NR	NR
YXHTK9	Identifiler® Plus						
	4sp		17 ^,22 ^		18 ^	NR	NR
		14 ^			11 ^	11 ^,13 ^	NR
		14 ^	29 ^		X ^	12 ^	20 ^
					9 ^	8 ^	NR

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									
2LBTPD	Yfiler®								
	1	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
327JDN	Yfiler®								
	1	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
					NR		NR		
3NZLYM	PowerPlex® Y 23								
	1	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR		NR
448ZWB	Yfiler®								
	1	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
4ADWFB	Yfiler®								
	1	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
4TK94R	PowerPlex® Y System								
	1								
4UYLRN	Yfiler®								
	1	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NT	NT
		NT	NT	NT	NR	NT	NR	NT	
7GQ2KL	Yfiler®								
	1								
7HE32N	PowerPlex® Y								
	1	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR					

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

7KL9RW	Yfiler® 1	NR	NR,NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	
					NR		NR		
8C72GK	Yfiler® 1								
8DHP7C	Yfiler® 1	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
8MRYRJ	Yfiler® 1	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NT
		NT	NT	NT	NR	NT	NR	NT	NT
9NKPEV	Yfiler® 1	No Profile	No Profile	No Profile	No Profile	No Profile	No Profile	No Profile	No Profile
		No Profile	No Profile	No Profile	No Profile	No Profile	No Profile	No Profile	No Profile
					No Profile		No Profile		
BQX8MQ	Yfiler® 1	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	
					NR		NR		
CA3YHH	PowerPlex® Y 1								
CX9JTG	Yfiler® 1	ND	ND	ND	ND	ND	ND	ND	ND
		ND	ND	ND	ND	ND	ND	ND	
					ND		ND		
DGJLBM	Yfiler® 1	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	
					NR		NR		
EBW792	Yfiler® 1	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result
		No Result	No Result	No Result	No Result	No Result	No Result	Not Tested	Not Tested
		Not Tested	Not Tested	Not Tested	No Result	Not Tested	No Result	Not Tested	

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

FX47U4	Yfiler® 1	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	-	-
		-	-	-	NR	-	NR	-	-
HUCC2D	Yfiler® 1	No Profile	No Profile	No Profile	No Profile	No Profile	No Profile	No Profile	No Profile
		No Profile	No Profile	No Profile	No Profile	No Profile	No Profile	No Profile	No Profile
					No Profile		No Profile		
JA9UQB	Yfiler® 1	No Profile	No Profile	No Profile	No Profile	No Profile	No Profile	No Profile	No Profile
		No Profile	No Profile	No Profile	No Profile	No Profile	No Profile	No Profile	No Profile
					No Profile		No Profile		
K8VZCH	Yfiler® 1	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR		
					NR		NR		
L4N98A	PowerPlex® Y 1	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR					
LB43BH	Yfiler® 1	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR		
					NR		NR		
MTZT37	Yfiler® 1	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NT	NT
		NT	NT	NT	NR	NT	NR	NT	
NMVZY3	Yfiler® 1								
NTK6HB	Yfiler® 1	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR		
					NR		NR		
QL8PMY	PowerPlex® Y 23 1	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	

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

RM394C	Yfiler® 1	No Profile	No Profile	No Profile	No Profile	No Profile	No Profile	No Profile	No Profile	
		No Profile	No Profile	No Profile	No Profile	No Profile	No Profile	No Profile	N/A	N/A
		N/A	N/A	N/A	No Profile	N/A	No Profile	N/A		
RNVMBV	PowerPlex® Y 1	NR	NR	NR	NR	NR	NR	NR	NR	
		NR	NR	NR						
T42DLY	Yfiler® 1									
UFB2MA	Yfiler® 1	NR	NR	NR	NR	NR	NR	NR	NR	
		NR	NR	NR	NR	NR	NR	NR		
					NR		NR			
VJ834H	Yfiler® 1	NR	NR	NR	NR	NR	NR	NR	NR	
		NR	NR	NR	NR	NR	NR	NR		
					NR		NR			
WMNBXG	Yfiler® 1	NR	NR	NR	NR	NR	NR	NR	NR	
		NR	NR	NR	NR	NR	NR	NR		
					NR		NR			
XVAE62	Yfiler® 1	NR	NR	NR	NR	NR	NR	NR	NR	
		NR	NR	NR	NR	NR	NR	NR		
					NR		NR			
YE8GX6	1	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank	
		Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank	
		Blank	Blank	Blank	Blank	Blank	Blank	Blank		
YHJZMK	Yfiler® 1	-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	-		
Z9XFC2	Yfiler® 1	NR	NR	NR	NR	NR	NR	NR	NR	
		NR	NR	NR	NR	NR	NR	NR		
					NR		NR			

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

ZMBMJ	Yfiler®								
	1	None	None	None	None	None	None	None	None
		None	None	None	None	None	None		
					None		None		
ZPCJCT	Yfiler®								
	1								
ZWKY9V	Yfiler®								
	1	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR		
					NR		NR		

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

229JQM	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	23	11
2CB3JX	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	23	11
2H48C3	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	23	11
2LBTPD	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	23	11
2NK2UR	PowerPlex® Y 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11					
2NLHJC	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	23	11
2RNMWW	PowerPlex® Y 23 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	24	12
		12	18	19	23	10	11		
2TEVY	PowerPlex Fusion 2						11		
2VJNNC	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	23	11
2YAY6C	Yfiler® 2	14	12,13	13	29,[30]	23	11	13	13
		15,16	12	10,11	19	15	16	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

327JDN	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
37XV4D	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
37YLG M	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
3K48WC	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
3LAEZJ	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
3LC9FJ	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
3LELBT	PowerPlex® Y 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11					
3NZLYM	PowerPlex® Y 23 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	24	12
		12	18	19	23	10	11		
3QADJP	PowerPlex® Y 23 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	24	12
		12	18	19	23	10	11		
3U6FXP	PowerPlex® Y 23 Direct 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	24	12
		12	18	19	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

3WTNQY	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
3YNREK	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
448ZWB	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11	2	
48MMAF	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
49J7CH	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
4ADWFB	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11	2	
4GYQRZ	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	NT	NT
		NT	NT	NT	23	NT	11	NT	
4J49Z4	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
4J6LHC	PowerPlex® Y 23 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	24	12
		12	18	19	23	10	11		
4L8LGM	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					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

4TBYQL	Fusion 2						11		
4TK94R	PowerPlex® Y System 2	14 15,16	12,13 12	13 10,11	29,30	23	11	13	13
4UYLRN	Yfiler® 2	14 15,16 NT	12,13 12 NT	13 10,11 NT	29,30 19 23	23 15 NT	11 16 11	13 NT NT	13 NT
4WQYUL	Yfiler® 2	14 15,16	12,13 12	13 10,11	29,30 19 23	23 15	11 16 11	13	13
62VQ9W	PowerPlex Y23 2	14 15,16 12	12,13 12 18	13 10,11 19 23	29,30 19 23	23 15 10	11 16 11	13 24	13 12
63R2E8	Yfiler® 2	14 15,16 -	12,13 12 -	13 10,11 -	29,30 19 23	23 15 -	11 16 11	13 - -	13 -
66YTPE	Yfiler® 2	14 15,16	12,13 12	13 10,11	29,30 19 23	23 15	11 16 11	13	13
6E8WLJ	Yfiler® 2	14 15,16	12,13 12	13 10,11	29,30 19 23	23 15	11 16 11	13	13
6H7G6A	Yfiler® 2	14 15,16	12,13 12	13 10,11	29,30 19 23	23 15	11 16 11	13	13
6JF8Q8	Yfiler® 2	14 15,16	12,13 12	13 10,11	29,30 19 23	23 15	11 16 11	13	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 2

6WJNHU	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	23	11
6ZMLPF	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	23	11
732KFF	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	23	11
77KH47	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	-	-
		-	-	-	23	-	11	-	
7B2XNW	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	23	11
7GQ2KL	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	23	11
7HE32N	PowerPlex® Y 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11					
7KBTWN	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	23	11
7KL9RW	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	23	11
7PM2E2	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	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

877P99	PowerPlex® Y PowerPlexY23								
	2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	24	12
		12	18	19	23	10	11		
8A8ULU	Yfiler®								
	2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	NT	NT
		NT	NT	NT	23	NT	11	NT	
8C72GK	Yfiler®								
	2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
8DHP7C	Yfiler®								
	2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	-	-
		-	-	-	23	-	11	-	
8HZ7XA	Yfiler®								
	2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
8MRYRJ	Yfiler®								
	2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	NT	NT
		NT	NT	NT	23	NT	11	NT	
8VQP8T	Yfiler®								
	2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
8XRMNM	Yfiler®								
	2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
8Y4G9U	Yfiler®								
	2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
8ZTUNQ	Yfiler®								
	2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					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

93C7Z2	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
96AVMN	PowerPlex® Y 23 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	24	12
		12	18	19	23	10	11		
98CBZ2	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
9AVEMD	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
9C4MTC	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
9CR4D7	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
9D3F2H	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
9K36CU	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
9KYZUH	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
9NKPEV	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					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

A7CM3N	PowerPlex® Y								
	2	14 15,16	12,13 12	13 10,11	29,30	23	11	13	13
AGC8D3	Yfiler®								
	2	14 15,16 -	12,13 12 -	13 10,11 -	29,30 19 23	23 15 -	11 16 11	13 - -	13 - -
AGVPD9	Yfiler®								
	2	14 15,16	12,13 12	13 10,11	29,30 19 23	23 15	11 16 11	13	13
AJKYNA	Yfiler®								
	2	14 15,16	12,13 12	13 10,11	29,30 19 23	23 15	11 16 11	13	13
AKQZ93	Yfiler®								
	2	14 15,16	12,13 12	13 10,11	29,30 19 23	23 15	11 16 11	13	13
ALQE28	PowerPlex® Y								
	2	14 15,16	12,13 12	13 10,11	29,30	23	11	13	13
B3C34B	Yfiler®								
	2	14 15,16	12,13 12	13 10,11	29,30 19 23	23 15	11 16 11	13	13
B4J6A2	Yfiler®								
	2	14 15,16 -	12,13 12 -	13 10,11 -	29,30 19 23	23 15 -	11 16 11	13 - -	13 - -
B8L7CJ	PowerPlex® Y 23								
	2	14 15,16 12	12,13 12 18	13 10,11 19	29,30 19 23	23 15 10	11 16 11	13 24	13 12
B8N8FB	Yfiler®								
	2	14 15,16	12,13 12	13 10,11	29,30 19 23	23 15	11 16 11	13	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 2

BAPR9W	Yfiler® 2	14	12-13	13	29-30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
BBQDB4	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
BE68UG	PowerPlex® Y 23 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	24	12
		12	18	19	23	10	11		
BQX8MQ	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
BUL9MR	PowerPlex Fusion 2						11		
BUYUZA	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11,12		
BZZ9NW	PowerPlex® Y 23 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	24	12
		12	18	19	23	10	11		
CA3YHH	PowerPlex® Y 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11					
CA6HNU	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
CBH3JP	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					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

CLL632	Yfiler®								
	2	14 15,16	12,13 12	13 10,11	29,30 19 23	23 15	11 16 11	13	13
CX9JTG	Yfiler®								
	2	14 15,16	12,13 12	13 10,11	29,30 19 23	23 15	11 16 11	13	13
D288TP	Yfiler®								
	2	14 15,16	12,13 12	13 10,11	29,30 19 23	23 15	11 16 11	13	13
D8EJ9B									
	2	14 15,16	12,13 12	13 10,11	29,30 19 23	23 15	11 16 11	13	13
DBV4UQ	PowerPlex® Y 23								
	2	14 15,16 12	12,13 12 18	13 10,11 19	29,30 19 23	23 15 10	11 16 11	13 24	13 12
DDYWQA	Yfiler®								
	2	14 15,16	12,13 12	13 10,11	29,30 19 23	23 15	11 16 11	13	13
DEUEUW	PowerPlex Fusion								
	2						11		
DGJLBM	Yfiler®								
	2	14 15,16	12,13 12	13 10,11	29,30 19 23	23 15	11 16 11	13	13
DJEH49	Yfiler®								
	2	14 15,16	12,13 12	13 10,11	29,30 19 23	23 15	11 16 11	13	13
DJMGWB	Yfiler®								
	2	14 15,16	12,13 12	13 10,11	29,30 19 23	23 15	11 16 11	13	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 2

DN3X6F	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						23		11		
DNMYG3	PowerPlex® Y	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11					
DPEQ4N	PowerPlex® Y 23	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16	24	12
			12	18	19	23	10	11		
DRNMZD	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						23		11		
DTHVY3	PowerPlex® Y 23	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16	24	12
			12	18	19	23	10	11		
DVJMRU	Yfiler® , PowerPlex® Y 23	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16	24	12
			12	18	19	23	10	11		
E23AZ6	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						23		11		
E7YD6B	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						23		11		
E8HR22	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						23		11		
E8U7AP	PowerPlex® Y	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	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

EBW792	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	Not Tested	Not Tested
		Not Tested	Not Tested	Not Tested	23	Not Tested	11	Not Tested	
ECN9TV	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
EEU992	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
EKGHHT	Yfiler® 2	14	12-13	13	29-30	23	11	13	13
		15-16	12	10-11	19	15	16		
					23		11		
EKNF4Q	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
ELDXUP	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	NT	NT
		NT	NT	NT	23	NT	11	NT	
ER6Z4G	PowerPlex® Y 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11					
ETDTTU	PowerPlex® Y 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11					
EWVMJM	Fusion 2						11		
EX7LJX	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					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

F3ZQ3U	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16	-	-
			-	-	-	23	-	11	-	
F7FJBT	PowerPlex® Y	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11					
F9P2GY	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						23		11		
FB9CYB	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						23		11		
FBRRCX	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						23		11		
FDD336	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						23		11		
FE7AMM	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						23		11		
FH9P3K	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						23		11		
FNWUTK	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						23		11		
FRNP78	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16	-	-
			-	-	-	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

FVXAF8	Yfiler®								
	2	14 15,16	12,13 12	13 10,11	29,30 19 23	23 15	11 16 11	13	13
FX47U4	Yfiler®								
	2	14 15,16 -	12,13 12 -	13 10,11 -	29,30 19 23	23 15 -	11 16 11	13 - -	13 - -
FYZBWR	Yfiler®								
	2	14 15,16	12,13 12	13 10,11	29,30 19 23	23 15	11 16 11	13	13
G3TXRY	Yfiler®								
	2	14 15,16	12,13 12	13 10,11	29,30 19 23	23 15	11 16 11	13	13
G86RYH	PowerPlex® Y								
	2	14 15,16	12,13 12	13 10,11	29,30	23	11	13	13
G8THYA	Yfiler®								
	2	14 15,16	12,13 12	13 10,11	29,30 19 23	23 15	11 16 11	13	13
GEMB3G	Yfiler®								
	2	14 15,16	12,13 12	13 10,11	29,30 19 23	23 15	11 16 11	13	13
GLK4YP	Yfiler®								
	2	14 15,16 -	12,13 12 -	13 10,11 -	29,30 19 23	23 15 -	11 16 11	13 - -	13 - -
GZ3Q9M	Yfiler®								
	2	14 15,16	12,13 12	13 10,11	29,30 19 23	23 15	11 16 11	13	13
H42KLH	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

H4MY8F	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
H7LEGX	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
H7UWKA	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
HCW43X	PowerPlex® Y 23 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	24	12
		12	18	19	23	10	11		
HFGVBE	PowerPlex® Y 23 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	24	12
		12	18	19	23	10	11		
HQD9HL	PowerPlex® Y 23 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	24	12
		12	18	19	23	10	11		
HUCC2D	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
HZ4Y28	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
JA9UQB	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
JDQ7BY	PowerPlex® Y 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	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
Item 2									
JHDYF8	Yfiler®								
	2	14 15,16	12,13 12	13 10,11	29,30 19 23	23 15	11 16 11	13	13
JTZECCG	Yfiler®								
	2	14 15,16	12,13 12	13 10,11	29,30 19 23	23 15	11 16 11	13	13
JUBUKU	Yfiler®								
	2	14 15,16	12,13 12	13 10,11	29,30 19 23	23 15	11 16 11	13	13
JUVUNE	Yfiler®								
	2	14 15,16	12,13 12	13 10,11	29,30 19 23	23 15	11 16 11	13	13
JXEZ9V	Yfiler®								
	2	14 15,16	12,13 12	13 10,11	29,30 19 23	23 15	11 16 11	13	13
K2MWYN	Yfiler®								
	2	14 15,16	12,13 12	13 10,11	29,30 19 23	23 15	11 16 11	13	13
K3JQXY	PowerPlex® Y 23								
	2	14 15,16 12	12,13 12 18	13 10,11 19	29,30 19 23	23 15 10	11 16 11	13 24	13 12
K3WTH8	Yfiler®								
	2	14 15,16	12,13 12	13 10,11	29,30 19 23	23 15	11 16 11	13	13
K4F7AW	Yfiler®								
	2	14 15,16	12,13 12	13 10,11	29,30 19 23	23 15	11 16 11	13	13
K7GR3G	Yfiler®								
	2	14 15,16	12,13 12	13 10,11	29,30 19 23	23 15	11 16 11	13	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 2

K8VZCH	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
K97XLT	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
KAZVPT	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
KF8C9F	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
KFMNT7	PowerPlex® Y 23 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	24	12
		12	18	19	23	10	11		
KKVYXT	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
KML83N	Yfiler® 2	14	12-13	13	29-30	23	11	13	13
		15-16	12	10-11	19	15	16		
					23		11		
KNJWMQ	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
KPEDYM	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
KQ9VPA	PowerPlex® Y 23 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	24	12
		12	18	19	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

KTVWL3	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						23		11		
L4N98A	PowerPlex® Y	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11					
LB43BH	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						23		11		
LCXN3N	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						23		11		
LEMXCP	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						23		11		
LFPYJN	PowerPlex® Y	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11					
LHQJC9	PowerPlex® Y 23	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16	24	12
			12	18	19	23	10	11		
LJZQDG	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						23		11		
LLBL4E	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						23		11		
LP6GU2	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						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

LRENU9	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
LT4X3N	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
LTR83K	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
LUNMEG	PowerPlex® Y 23 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	24	12
		12	18	19	23	10	11		
LZUABR	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
M2W6G	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
M9GJAK	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
MBL8PB	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
MCYNWW	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	-	-
		-	-	-	23	-	11	-	-
MFJE2D	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					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									
MJJUM3	Yfiler®								
	2	14 15,16	12,13 12	13 10,11	29,30 19 23	23 15	11 16 11	13	13
MLPEB3	Yfiler®								
	2	14 15,16	12,13 12	13 10,11	29,30 19 23	23 15	11 16 11	13	13
MNXTCV	PowerPlex® Y								
	2	14 15,16	12,13 12	13 10,11	29,30	23	11	13	13
MPMREE	Fusion								
	2						11		
MRT9KX	Yfiler®								
	2	14 15,16	12,13 12	13 10,11	29,30 19 23	23 15	11 16 11	13	13
MT7EZR	Yfiler®								
	2	14 15,16	12,13 12	13 10,11	29,30 19 23	23 15	11 16 11	13	13
MTB724	PowerPlex Fusion								
	2						11		
MTZT37	Yfiler®								
	2	14 15,16 NT	12,13 12 NT	13 10,11 NT	29,30 19 23	23 15 NT	11 16 11	13 NT NT	13 NT
MZ7EYF	Yfiler®								
	2	14 15,16 NT	12,13 12 NT	13 10,11 NT	29,30 19 23	23 15 NT	11 16 11	13 NT NT	13 NT
N38PM3	Yfiler®								
	2	14 15,16	12,13 12	13 10,11	29,30 19 23	23 15		13 16 11	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 2

N4L66B	PowerPlex® Y 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11					
NC8KFR	PowerPlex® Y 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11					
ND8WJT	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
NEXLLF	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
NMVZY3	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
NT2VH3	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
NTK6HB	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
P74CU3	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
PD7QVQ	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
PDMEZJ	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					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

PHRWW7	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
PLBUKW	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	-	-
		-	-	-	23	-	11	-	
PQABXQ	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
PR6Z9Y	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
PWDACL	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
Q7YLC7	PowerPlex® Y 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11					
Q89TDD	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
Q8BDDA	Yfiler® , PowerPlex® Y 23 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	24	12
		12	18	19	23	10	11		
Q9PTUG	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
QCBXHY	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					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

QDK6J8	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
QFP8H4	PowerPlex® Y 23 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	24	12
		12	18	19	23	10	11		
QL8PMY	PowerPlex® Y 23 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	24	12
		12	18	19	23	10	11	2	
QQKKAN	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
QQRXTX	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
QRJN86	PowerPlex® Y PowerPlex Y23 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	24	12
		12	18	19	23	10	11		
QT2XFQ	PowerPlex® Y 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11					
QYJD29	PowerPlex® Y 23 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	24	12
		12	18	19	23	10	11		
QZHE4U	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
R3DDBJ	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					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

R7UTPH	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
RADWBT	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	-	-
		-	-	-	23	-	11	-	-
RERP88	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
RLM96B	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
RM394C	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	N/A	N/A
		N/A	N/A	N/A	23	N/A	11	N/A	
RNVMBV	PowerPlex® Y 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11					
RRDT24	PowerPlex® Y 23 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	24	12
		12	18	19	23	10	11		
RUZEPK	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
RVCW3Y	PowerPlex® Y 23 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	24	12
		12	18	19	23	10	11	-	
RVY7B8	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					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

RYVRK3	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						23		11		
RZN444	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						23		11		
T2JGNF	PowerPlex® Y	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11					
T3BJ9A	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						23		11		
T42DLY	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						23		11		
T4RYW7	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						23		11		
T8N6HG	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						23		11		
TATAX6	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						23		11		
TAX6MN	PowerPlex® Y	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11					
TJWJ7F	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						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

TL36UF	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
TL7GRK	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	-	-
		-	-	-	23	-	11	-	
TMFNTR	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	-	-
		-	-	-	23	-	11	-	
TPL9GR	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	-	-
		-	-	-	23	-	11	-	
TQMBUH	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
TUJEP4	PowerPlex® Y 23 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	24	12
		12	18	19	23	10	11		
TZ4PKK	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
U6QUJE	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	-	-
		-	-	-	23	-	11	-	
U8G22P	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	-	-
		-	-	-	23	-	11	-	
U8MLV7	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					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

UA7B44	PowerPlex® Y	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11					
UFB2MA	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						23		11		
UGMZDC	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						23		11		
ULJHZ6	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						23		11		
UQBMT9	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16	NT	NT
			NT	NT	NT	23	NT	11	NT	
UQE8M4	PowerPlex® Y	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11					
UQF8GC	Yfiler®	2	14	12-13	13	29-30	23	11	13	13
			15-16	12	10-11	19	15	16		
						23		11		
UQFX8	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						23		11		
UTDUP7	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						23		11		
V6PEQE	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						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

VCTAYE	Yfiler®								
	2	14 15,16	12,13 12	13 10,11	29,30 19 23	23 15	11 16 11	13	13
VJ834H	Yfiler®								
	2	14 15,16	12,13 12	13 10,11	29,30 19 23	23 15	11 16 11	13	13
VJ9LYD	Yfiler®								
	2	14 15,16	12,13 12	13 10,11	29,30 19 23	23 15	11 16 11	13	13
VLJTDM	Globalfiler								
	2						11		
								2	
VM92K3	PowerPlex® Y								
	2	14 15,16	12,13 12	13 10,11	29,30	23	11	13	13
VRMN9F	Yfiler®								
	2	14 15,16	12,13 12	13 10,11	29,30 19 23	23 15	11 16 11	13	13
VWEXE8	Yfiler®								
	2	14 15,16	12,13 12	13 10,11	29,30 19 23	23 15	11 16 11	13	13
W3XFCE	Yfiler®								
	2	14 15,16	12,13 12	13 10,11	29,30 19 23	23 15	11 16 11	13	13
W8QK3Y	Yfiler®								
	2	14 15,16	12,13 12	13 10,11	29,30 19 23	23 15	11 16 11	13	13
W8UFCW	PowerPlex® Y 23								
	2	14 15,16 12	12,13 12 18	13 10,11 19	29,30 19 23	23 15 10	11 16 11	13 24	13 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 2

WAZUTB	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
WG2Q93	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
WGJCQX	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
WKHBW4	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
WKVX2B	PowerPlex® Y 23 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	24	12
		12	18	19	23	10	11		
WMNBXG	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
WPAJ4Q	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
X7CNY7	PowerPlex® Y 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	24	12
		12	18	19	23	10	11		
X7H7B4	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
X87JD2	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					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

X8Q3GN	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
XAXZQ2	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
XCLA3N	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
XJ3FP2	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
XRLJYP	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
XVAE62	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
XZB2XB	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
Y4NY8J	PoerPlexY23[sic] 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16	24	12
		12	18	19	23	10	11		
Y7UKVJ	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		11		
YAAFH3	Yfiler® 2	14	12,13	13	29,30	23	11	13	13
		15,16	12	10,11	19	15	16		
					23		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 2

YBKB7F	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						23		11		
YBMPNM	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						23		11		
YCF2AA	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						23		11		
YCFUA3	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						23		11		
YDFDDA	PowerPlex® Y	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11					
YE8GX6	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16	Blank	Blank
			Blank	Blank	Blank	23	Blank	11	Blank	
YHJZMK	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16	-	-
			-	-	-	23	-	11	-	
YMEUHZ	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						23		11		
Z9XFC2	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						23		11		
ZD282J	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						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

ZE2LUP	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						23		11		
ZFCVTW	PowerPlex® Y 23	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16	24	12
			12	18	19	23	10	11		
ZGEJG2	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						23		11		
ZMBE4E	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						23		11		
ZMBMXJ	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						23		11		
ZMJRTG	PowerPlex® Y 23	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16	24	12
			12	18	19	23	10	11		
ZPCJCT	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						23		11		
ZWKY9V	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						23		11		
ZZKXR2	Yfiler®	2	14	12,13	13	29,30	23	11	13	13
			15,16	12	10,11	19	15	16		
						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

2LBTPD	Yfiler® 3	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10	2	
3LC9FJ	Yfiler® 3	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
49J7CH	Yfiler® 3	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
732KFF	Yfiler® 3	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
7KL9RW	Yfiler® 3	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
8Y4G9U	Yfiler® 3	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
BUL9MR	PowerPlex Fusion 3						10		
BZZ9NW	3	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
CA3YHH	PowerPlex® Y 3	15	14,15	14	31	23	10	12	14
		14	10	11					
DDYWQA	Yfiler® 3	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		

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

DVJMRU	PowerPlex® Y 23								
	3	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
F3ZQ3U	Yfiler®								
	3	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	-	-
		-	-	-	21	-	10	-	
K8VZCH	Yfiler®								
	3	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
LB43BH	Yfiler®								
	3	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
LP6GU2	Yfiler®								
	3	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
LRENU9	Yfiler®								
	3	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
NEXLLF	Yfiler®								
	3	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
PHRWW7	Yfiler®								
	3	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
RZN444	Yfiler®								
	3	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
UFB2MA	Yfiler®								
	3	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		

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

W8QK3Y	Yfiler® 3	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
WPAJ4Q	Yfiler® 3	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
X8Q3GN	Yfiler® 3	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
ZWKY9V	Yfiler® 3	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		

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

229JQM	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
2CB3JX	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
2H48C3	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
2NK2UR	PowerPlex® Y								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11					
2NLHJC	Yfiler®								
	3e								
2RNMWW	PowerPlex® Y 23								
	3e	15	14,15	14		23	10	12	14
			10	11	20	14	15	27	11
		13	19	17	21	12	10		
2TEVY	PowerPlex Fusion								
	3e						10		
2VJNNC	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
2YAY6C	Yfiler®								
	3e								
327JDN									
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		

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

37XV4D	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
37YLGGM	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
3K48WC	Yfiler®								
	3e								
3LAEZJ	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
3LELBT	PowerPlex® Y								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11					
3NZLYM	PowerPlex® Y 23								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
3QADJP	PowerPlex® Y 23								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
3U6FXP	PowerPlex® Y 23								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
3WTNQY	Yfiler®								
	3e								
3YNREK									
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		

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

448ZWB	3e	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
48MMAF	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
4ADWFB	Yfiler®								
	3e								
4GYQRZ	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	NT	NT
		NT	NT	NT	21	NT	10	NT	
4J49Z4	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
4J6LHC	PowerPlex® Y 23								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
4L8LGM	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
4TB9QC	Yfiler®								
	3e								
4TBYQL	Fusion								
	3e								
4TK94R	PowerPlex® Y System								
	3e	15	14,15	14	31	23	10	12	14
		14	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 3e

4UYLRN	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	NT	NT
		NT	NT	NT	21	NT	10	NT	
4WQYUL	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
62VQ9W	PowerPlex Y23								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
63R2E8	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	-	-
		-	-	-	21	-	10	-	
66YTPE	Yfiler®								
	3e								
6E8WLJ	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
6H7G6A	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
6JF8Q8	Yfiler® , PowerPlex Fusion (3e)								
	3e						[10]		
6WJNHU	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
6ZMLPF	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		

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

77KH47	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	-	-
		-	-	-	21	-	10	-	
7B2XNW	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
7GQ2KL	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
7HE32N	PowerPlex® Y								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11					
7KBTWN	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
7PM2E2	Yfiler®								
	3e								
877P99	PowerPlex® Y PowerPlexY23								
	3e								
8A8ULU	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	NT	NT
		NT	NT	NT	21	NT	10	NT	
8C72GK	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
8DHP7C	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	-	-
		-	-	-	21	-	10	-	

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

8HZ7XA	Yfiler® 3e								
8MRYRJ	Yfiler® 3e	15 14 NT	14,15 10 NT	14 11 NT	31 20 21	23 14 NT	10 15 10	12 NT NT	14 NT NT
8VQP8T	Yfiler® 3e	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12	14
8XRMNM	Yfiler® 3e	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12	14
8ZTUNQ	Yfiler® 3e	14					15		
93C7Z2	Yfiler® 3e								
96AVMN	PowerPlex® Y 23 3e	15 14 13	14,15 10 19	14 11 17	31 20 21	23 14 12	10 15 10	12 27	14 11
98CBZ2	Yfiler® 3e	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12	14
9AVEMD	Yfiler® 3e	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12	14
9C4MTC	Yfiler® 3e	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12	14

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

9D3F2H	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
9K36CU	Yfiler®								
	3e								
9KYZUH	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
9NKPEV	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
A7CM3N	PowerPlex® Y								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11					
AGC8D3	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	-	-
					21	-	10	-	
AGVPD9	Yfiler®								
	3e								
AJKYNA	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
AKQZ93	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
ALQE28	PowerPlex® Y								
	3e	15	14,15	14	31	23	10	12	14
		14	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 3e

B3C34B	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
B4J6A2	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	-	-
		-	-	-	21	-	10	-	
B8L7CJ	PowerPlex® Y 23								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
B8N8FB	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
BAPR9W	Yfiler®								
	3e								
BBQDB4	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
BE68UG	PowerPlex® Y 23								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
BQX8MQ	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
BUYUZA	Yfiler® , Fusion								
	3e						10		
CA6HNU	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		

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

CBH3JP	Yfiler® 3e								
CLL632	Yfiler® 3e								
CX9JTG	Yfiler® 3e	ND ND	ND ND	ND ND	ND ND ND	ND ND	ND ND ND	ND	ND
D288TP	Yfiler® 3e	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12	14
DBV4UQ	PowerPlex® Y 23 3e								
DEUEUW	PowerPlex Fusion 3e						10		
DGJLBM	Yfiler® 3e	13,15 14	14,15,16 10	13,14 11	30,31 20 21,22	23,25 14,15	10,11 15,18 10,11	11,12	13,14
DJEH49	Yfiler® 3e	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12	14
DJMGWB	Yfiler® 3e								
DN3X6F	Yfiler® 3e	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12	14

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									
DNMYG3	PowerPlex® Y 3e	15	14,15	14	31	23	10	12	14
		14	10	11					
DPEQ4N	PowerPlex® Y 23 3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
DRNMZD	Yfiler® 3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
DTHVY3	PowerPlex® Y 23 3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
E23AZ6	Yfiler® 3e								
E7YD6B	Yfiler® 3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
E8HR22	Yfiler® 3e								
E8U7AP	PowerPlex® Y 3e	15	14,15	14	31	23	10	12	14
		14	10	11					
EBW792	Yfiler® 3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	Not Tested	Not Tested
		Not Tested	Not Tested	Not Tested	21	Not Tested	10	Not Tested	
ECN9TV	Yfiler® 3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		

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

EEU992	Yfiler® 3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
EKGHHT	Yfiler® 3e	15	14-15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
EKNF4Q	Yfiler® 3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
ER6Z4G	PowerPlex® Y 3e								
ETDTTU	PowerPlex® Y 3e								
EWVMJM	Fusion 3e						10		
EX7LJX	Yfiler® 3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
F7FJBT	PowerPlex® Y 3e								
F9P2GY	Yfiler® 3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
FB9CYB	Yfiler® 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

FBRRCX	Yfiler® 3e								
FDD336	Yfiler® , Powerplex Fusion 3e						10		
FE7AMM	Yfiler® 3e	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12	14
FH9P3K	Yfiler® 3e	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12	14
FNWUTK	Yfiler® 3e	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12	14
FRNP78	Yfiler® 3e	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
FVXAF8	Yfiler® 3e	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12	14
FX47U4	Yfiler® 3e	15 14 -	14,15 10 -	14 11 -	31 20 21	23 14 -	10 15 10	12 - -	14 - -
FYZBWR	Yfiler® 3e								
G3TXRY	Yfiler® 3e	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12	14

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

G86RYH	PowerPlex® Y 3e	15	14,15	14	31	23	10	12	14
		14	10	11					
G8THYA	Yfiler® 3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
GEMB3G	Yfiler® 3e								
GLK4YP	Yfiler® 3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
GZ3Q9M	Yfiler® 3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
H42KLH	PowerPlex Fusion 3e						10		
H4MY8F	Yfiler® 3e								
H7LEGX	Yfiler® 3e								
H7UWKA	Yfiler® 3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
HCW43X	PowerPlex® Y 23 3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		

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

HFGVBE	PowerPlex® Y 23								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
HQD9HL	PowerPlex® Y 23								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
HUCC2D	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21	10			
HZ4Y28	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21	10			
JA9UQB	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	[10]	11	20	14	15		
					[21]	10			
JDQ7BY	PowerPlex® Y								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11					
JHDYF8	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21	10			
JTZECC	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21	10			
JUBUKU	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21	10			
JUVUNE	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21	10			

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

JXEZ9V	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
K2MWYN	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
K3JQXY	PowerPlex® Y 23								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
K3WTH8	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
K4F7AW	Yfiler®								
	3e								
K7GR3G	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
K97XLT	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
KAZVPT	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
KF8C9F	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
KFMNT7	PowerPlex® Y 23								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		

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

KKVYXT	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
KML83N	Yfiler®								
	3e								
KNJWMQ	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
KPEDYM	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
KQ9VPA	PowerPlex® Y 23								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
KTVWL3	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
L4N98A	PowerPlex® Y								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11					
LCXN3N	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
LEMXCP	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
LFPYJN	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

LHQJC9	PowerPlex® Y 23 3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
LJZQDG	Yfiler® 3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
LLBL4E	Yfiler® 3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
LT4X3N	Yfiler® 3e								
LTR83K	Yfiler® 3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
LUNMEG	PowerPlex® Y 23 3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
LZUABR	Yfiler® 3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
M2V6G	Yfiler® 3e								
M9GJAK	Yfiler® 3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
MBL8PB	Yfiler® 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

MCYNWW	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	-	-
		-	-	-	21	-	10	-	
MFJE2D	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
MJJUM3	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
MLPEB3	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
MNXTCV	PowerPlex® Y								
	3e	NT	NT	NT	NT	NT	NT	NT	NT
		NT	NT	NT					
MPMREE	Fusion								
	3e						10		
MRT9KX	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
MT7EZR	Yfiler®								
	3e								
MTB724	PowerPlex Fusion								
	3e						[10]		
MTZT37	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	NT	NT
		NT	NT	NT	21	NT	10	NT	

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

MZ7EYF	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	NT	NT
		NT	NT	NT	21	NT	10	NT	
N38PM3	Yfiler®								
	3e								
N4L66B	PowerPlex® Y								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11					
NC8KFR	PowerPlex® Y								
	3e								
ND8WJT	Yfiler®								
	3e								
NMVZY3	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
				21		10			
NT2VH3	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
				21		10			
NTK6HB	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
				21		10			
P74CU3	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
				21		10			
PD7QVQ	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
				21		10			

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

PDMEZJ	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
PLBUKW	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	-	-
		-	-	-	21	-	10	-	
PQABXQ	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
PR6Z9Y	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
PWDACL	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
Q7YLC7	PowerPlex® Y								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11					
Q89TDD	Yfiler®								
	3e				31				
		14	10	11	20	14			
				21		10			
Q8BDDA	Yfiler® , PowerPlex® Y 23								
	3e								
Q9PTUG	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
QCBXHY	Yfiler®								
	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

QDK6J8	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
QFP8H4	PowerPlex® Y 23								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
QL8PMY	PowerPlex® Y 23								
	3e	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0
QQKKAN	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
QQRXTX	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
QRJN86	PowerPlex® Y PowerPlex Y23								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
QT2XFQ	PowerPlex® Y								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11					
QYJD29	PowerPlex® Y 23								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
QZHE4U	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
R3DDBJ	Yfiler®								
	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

R7UTPH	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
RADWBT	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	-	-
		-	-	-	21	-	10	-	
RERP88	Yfiler®								
	3e								
RLM96B	Yfiler®								
	3e								
RM394C	Yfiler®								
	3e	No Profile	No Profile	No Profile	No Profile	No Profile	No Profile	No Profile	No Profile
		No Profile	No Profile	No Profile	No Profile	No Profile	No Profile	N/A	N/A
		N/A	N/A	N/A	No Profile	N/A	No Profile	N/A	
RNVMBV	PowerPlex® Y 23								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
RRDT24	PowerPlex® Y 23								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
RUZEPK	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
				21		10			
RVCW3Y	PowerPlex® Y								
	3e	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	
RVY7B8	Yfiler®								
	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

RYVRK3	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
T2JGNF	PowerPlex® Y								
	3e								
T3BJ9A	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
T42DLY	Yfiler®								
	3e								
T4RYW7	Yfiler®								
	3e								
T8N6HG	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
TATAX6	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
TAX6MN	PowerPlex® Y								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11					
TJWJ7F	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
TL36UF	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		

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

TL7GRK	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	-	-
		-	-	-	21	-	10	-	
TMFNTR	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	-	-
		-	-	-	20	-	10	-	
TPL9GR	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	-	-
		-	-	-	21	-	10	-	
TQMBUH	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
TUJEP4	PowerPlex® Y 23								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
TZ4PKK	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
U6QUJE	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	-	-
		-	-	-	21	-	10	-	
U8G22P	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	-	-
		-	-	-	21	-	10	-	
U8MLV7	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
UA7B44	PowerPlex® Y								
	3e	15	14,15	14	31	23	10	12	14
		14	10	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 3e

UGMZDC	Yfiler® 3e								
ULJHZ6	Yfiler® 3e	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12	14
UQBMT9	Yfiler® 3e	15 14 NT	14,15 10 NT	14 11 NT	31 20 21	23 14 NT	10 15 10	12 NT NT	14 NT NT
UQE8M4	PowerPlex® Y 3e	15 -	- 10	14 11	31	-	10	-	-
UQF8GC	Yfiler® 3e								
UQFXV8	Yfiler® 3e	14	10	11	20 21		10 10	12	
UTDUP7	Yfiler® 3e	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12	14
V6PEQE	Yfiler® 3e	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12	14
VCTAYE	Yfiler® 3e								
VJ834H	Yfiler® 3e	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12	14

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

VJ9LYD	Yfiler® 3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
VLJTDM	Globalfiler 3e						10		
								2	
VM92K3	PowerPlex® Y 3e	15	14,15	14	31	23	10	12	14
		14	10	11					
VRMN9F	Yfiler® 3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
VWEXE8	Yfiler® 3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
W3XFCF	Yfiler® , FUSION - E FRACTION 3e								
W8UFCW	PowerPlex® Y 23 3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
WAZUTB	Yfiler® 3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
WGJCQX	Yfiler® 3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
WKHBW4	Yfiler® 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

WKVX2B	PowerPlex® Y 23 3e								
WMNBXG	Yfiler® 3e	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12	14
X7CNY7	PowerPlex® Y 3e	15 14 13	14,15 10 19	14 11 17	31 20 21	23 14 12	10 15 10	12 27	14 11
X7H7B4	Yfiler® 3e	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12	14
X87JD2	Yfiler® 3e	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12	14
XAXZQ2	Yfiler® 3e	15 14	14,15 10	14 11	31 20 21	23 14 not tested	10 15 10	12	14
XCLA3N	Yfiler® 3e	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12	14
XJ3FP2	Yfiler® 3e								
XRLJYP	Yfiler® 3e	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12	14
XVAE62	Yfiler® 3e	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12	14

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

XZB2XB	Yfiler® 3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
Y4NY8J	PowerPlexY23 3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
YAAFH3	Yfiler® 3e	NIR	NIR	NIR	31	23	NIR	NIR	14
		14	10	11	NIR	14	15		
					NIR		10		
YBKB7F	Yfiler® 3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
YBMPNM	Yfiler® 3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
YCF2AA	Yfiler® 3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
YCFUA3	Yfiler® 3e								
YDFDDA	PowerPlex® Y 3e								
YE8GX6	Yfiler® 3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	Blank	Blank
		Blank	Blank	Blank	21	Blank	10	Blank	
YHJZMK	Yfiler® 3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	-	-
		-	-	-	21	-	10	-	

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

YMEUHZ	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
Z9XFC2	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
ZD282J	Yfiler®								
	3e				21		10		
ZE2LUP	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
ZFCVTW	PowerPlex® Y 23								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
ZGJG2	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
ZMBE4E	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
ZMBMXJ	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
ZMJRTG	PowerPlex® Y 23								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
ZPCJCT	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		

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

ZZKXR2	Yfiler®								
	3e	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		

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

229JQM	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
2CB3JX	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
2H48C3	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
2NK2UR	PowerPlex® Y								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11					
2NLHJC	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
2RNMWW	PowerPlex® Y 23								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
2TEVY	PowerPlex Fusion								
	3sp						10		
2VJNNC	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
2YAY6C	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
327JDN									
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		

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

37XV4D	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
37YLGGM	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
3K48WC	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
3LAEZJ	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
3LELBT	PowerPlex® Y 3sp	15	14,15	14	31	23	10	12	14
		14	10	11					
3NZLYM	PowerPlex® Y 23 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
3QADJP	PowerPlex® Y 23 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
3U6FXP	PowerPlex® Y 23 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
3WTNQY	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
3YNREK	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		

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

448ZWB	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	-	-
		-	-	-	21	-	10	2	
48MMAF	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
4ADWFB	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10	2	
4GYQRZ	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	NT	NT
		NT	NT	NT	21	NT	10	NT	
4J49Z4	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
4J6LHC	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
4L8LGM	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
4TB9QC	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
4TBYQL	3sp						10		
4TK94R	3sp	15	14,15	14	31	23	10	12	14
		14	10	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 3sp										
4UYLRN	Yfiler® 3sp	15	14,15	14	31	23	10	12	14	
		14	10	11	20	14	15	NT	NT	
		NT	NT	NT	21	NT	10	NT		
4WQYUL	Yfiler® 3sp	15	14,15	14	31	23	10	12	14	
		14	10	11	20	14	15			
					21		10			
62VQ9W	PowerPlex Y23 3sp	15	14,15	14	31	23	10	12	14	
		14	10	11	20	14	15	27	11	
		13	19	17	21	12	10			
63R2E8	Yfiler® 3sp	15	14,15	14	31	23	10	12	14	
		14	10	11	20	14	15	-	-	
		-	-	-	21	-	10	-		
66YTPE	Yfiler® 3sp	15	14,15	14	31	23	10	12	14	
		14	10	11	20	14	15			
					21		10			
6E8WLJ	Yfiler® 3sp	15	14,15	14	31	23	10	12	14	
		14	10	11	20	14	15			
					21		10			
6H7G6A	Yfiler® 3sp	15	14,15	14	31	23	10	12	14	
		14	10	11	20	14	15			
					21		10			
6JF8Q8	Yfiler® , PowerPlex Fusion (3e) 3sp	15	14,15	14	31	23	10	12	14	
		14	10	11	20	14	15			
					21		10			
6WJNHU	Yfiler® 3sp	15	14,15	14	31	23	10	12	14	
		14	10	11	20	14	15			
					21		10			
6ZMLPF	Yfiler® 3sp	15	14,15	14	31	23	10	12	14	
		14	10	11	20	14	15			
					21		10			

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									
77KH47	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	-	-
		-	-	-	21	-	10	-	
7B2XNW	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
7GQ2KL	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
7HE32N	PowerPlex® Y 3sp	15	14,15	14	31	23	10	12	14
		14	10	11					
7KBTWN	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
7PM2E2	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
877P99	PowerPlex® Y PowerPlexY23 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
8A8ULU	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	NT	NT
		NT	NT	NT	21	NT	10	NT	
8C72GK	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
8DHP7C	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	-	-
		-	-	-	21	-	10	-	

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									
8HZ7XA	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
8MRYRJ	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	NT	NT
		NT	NT	NT	21	NT	10	NT	
8VQP8T	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
8XRMNM	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
8ZTUNQ	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
93C7Z2	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
96AVMN	PowerPlex® Y 23 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
98CBZ2	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
9AVEMD	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
9C4MTC	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		

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									
9CR4D7	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
9D3F2H	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
9K36CU	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
9KYZUH	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
9NKPEV	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
A7CM3N	PowerPlex® Y								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11					
AGC8D3	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	-	-
		-	-	-	21	-	10	-	
AGVPD9	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
AJKYNA	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
AKQZ93	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		

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

ALQE28	PowerPlex® Y	3sp	15	14,15	14	31	23	10	12	14
			14	10	11					
B3C34B	Yfiler®	3sp	15	14,15	14	31	23	10	12	14
			14	10	11	20	14	15		
						21		10		
B4J6A2	Yfiler®	3sp	15	14,15	14	31	23	10	12	14
			14	10	11	20	14	15	-	-
			-	-	-	21	-	10	-	-
B8L7CJ	PowerPlex® Y 23	3sp	15	14,15	14	31	23	10	12	14
			14	10	11	20	14	15	27	11
			13	19	17	21	12	10		
B8N8FB	Yfiler®	3sp	15	14,15	14	31	23	10	12	14
			14	10	11	20	14	15		
						21		10		
BAPR9W	Yfiler®	3sp	15	14-15	14	31	23	10	12	14
			14	10	11	20	14	15		
						21		10		
BBQDB4	Yfiler®	3sp	15	14,15	14	31	23	10	12	14
			14	10	11	20	14	15		
						21		10		
BE68UG	PowerPlex® Y 23	3sp	15	14,15	14	31	23	10	12	14
			14	10	11	20	14	15	27	11
			13	19	17	21	12	10		
BQX8MQ	Yfiler®	3sp	15	14,15	14	31	23	10	12	14
			14	10	11	20	14	15		
						21		10		
BUYUZA	Yfiler® , Fusion	3sp	15	14,15	14	31	23	10	12	14
			14	10	11	20	14	15		
					21		10			

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

CA6HNU	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
CBH3JP	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
CLL632	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
CX9JTG	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
D288TP	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
D8EJ9B	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
DBV4UQ	PowerPlex® Y 23 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
DEUEUW	PowerPlex Fusion 3sp						10		
DGJLBM	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
DJEH49	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		

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

DJMGWB	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
DN3X6F	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
DNMYG3	PowerPlex® Y								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11					
DPEQ4N	PowerPlex® Y 23								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
DRNMZD	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
DTHVY3	PowerPlex® Y 23								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
E23AZ6	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
E7YD6B	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
E8HR22	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
E8U7AP	PowerPlex® Y								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	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 3sp

EBW792	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	Not Tested	Not Tested
		Not Tested	Not Tested	Not Tested	21	Not Tested	10	Not Tested	
ECN9TV	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
				21		10			
EEU992	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
				21		10			
EKGHHT	Yfiler®								
	3sp	15	14-15	14	31	23	10	12	14
		14	10	11	20	14	15		
				21		10			
EKNF4Q	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
				21		10			
ELDXUP	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	NT	NT
		NT	NT	NT	21	NT	10	NT	
ER6Z4G	PowerPlex® Y								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11					
ETDTTU	PowerPlex® Y								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11					
EWMJMJ	Fusion								
	3sp						10		
EX7LJX	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
				21		10			

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

F7FJBT	PowerPlex® Y 3sp	15	14,15	14	31	23	10	12	14
		14	10	11					
F9P2GY	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
FB9CYB	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
FBRRCX	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
FDD336	Yfiler® , Powerplex Fusion 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
FE7AMM	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
FH9P3K	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
FNWUTK	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
FRNP78	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	-	-
		-	-	-	21	-	10	-	
FVXAF8	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		

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

FX47U4	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	-	-
		-	-	-	21	-	10	-	
FYZBWR	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
G3TXRY	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
G86RYH	PowerPlex® Y								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11					
G8THYA	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
GEMB3G	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
GLK4YP	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
GZ3Q9M	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
H42KLH	PowerPlex Fusion								
	3sp						10		
H4MY8F	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		

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

H7LEGX	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
H7UWKA	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
HCW43X	PowerPlex® Y 23 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
HFGVBE	PowerPlex® Y 23 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
HQD9HL	PowerPlex® Y 23 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
HUCC2D	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
HZ4Y28	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
JA9UQB	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
JDQ7BY	PowerPlex® Y 3sp	15	14,15	14	31	23	10	12	14
		14	10	11					
JHDYF8	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		

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

JTZECCG	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
JUBUKU	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
JUVUNE	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
JXEZ9V	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
K2MWYN	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
K3JQXY	PowerPlex® Y 23 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
K3WTH8	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
K4F7AW	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
K7GR3G	Yfiler® 3sp								
K97XLT	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		

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

KAZVPT	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
KF8C9F	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
KFMNT7	PowerPlex® Y 23 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
KKVYXT	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
KML83N	Yfiler® 3sp	15	14-15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
KNJWMQ	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
KPEDYM	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
KQ9VPA	PowerPlex® Y 23 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
KTVWL3	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
L4N98A	PowerPlex® Y 3sp	15	14,15	14	31	23	10	12	14
		14	10	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 3sp									
LCXN3N	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
LEMXCP	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
LFPYJN	PowerPlex® Y 3sp	15	14,15	14	31	23	10	12	14
		14	10	11					
LHQJC9	PowerPlex® Y 23 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
LJZQDG	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
LLBL4E	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
LT4X3N	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
LTR83K	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
LUNMEG	PowerPlex® Y 23 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
LZUABR	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		

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

M2W6G	Yfiler®								
	3sp	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12	14
M9GJAK	Yfiler®								
	3sp	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12	14
MBL8PB	Yfiler®								
	3sp	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12	14
MCYNWW	Yfiler®								
	3sp	15 14 -	14,15 10 -	14 11 -	31 20 21	23 14 -	10 15 10	12 -	14 -
MFJE2D	Yfiler®								
	3sp	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12	14
MJJUM3	Yfiler®								
	3sp	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12	14
MLPEB3	Yfiler®								
	3sp	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12	14
MNXTCV	PowerPlex® Y								
	3sp	15 14	14,15 10	14 11	31	23	10	12	14
MPMREE	Fusion								
	3sp						10		
MRT9KX	Yfiler®								
	3sp	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12	14

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

MT7EZR	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
MTB724	PowerPlex Fusion 3sp						10		
MTZT37	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	NT	NT
		NT	NT	NT	21	NT	10	NT	
MZ7EYF	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	NT	NT
		NT	NT	NT	21	NT	10	NT	
N38PM3	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
N4L66B	PowerPlex® Y 3sp	15	14,15	14	31	23	10	12	14
		14	10	11					
NC8KFR	PowerPlex® Y 3sp	15	14,15	14	31	23	10	12	14
		14	10	11					
ND8WJT	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
NMVZY3	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
NT2VH3	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		

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									
NTK6HB	Yfiler®								
	3sp	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12	14
P74CU3	Yfiler®								
	3sp	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12	14
PD7QVQ	Yfiler®								
	3sp	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12	14
PDMEZJ	Yfiler®								
	3sp	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12	14
PLBUKW	Yfiler®								
	3sp	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12 -	14 -
		-	-	-	21	-	10	-	
PQABXQ	Yfiler®								
	3sp	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12	14
PR6Z9Y	Yfiler®								
	3sp	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12	14
PWDACL	Yfiler®								
	3sp	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12	14
Q7YLC7	PowerPlex® Y								
	3sp	15 14	14,15 10	14 11	31	23	10	12	14
Q89TDD	Yfiler®								
	3sp	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12	14

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

Q8BDDA	Yfiler® , PowerPlex® Y 23 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
Q9PTUG	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
QCBXHY	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
QDK6J8	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
QFP8H4	PowerPlex® Y 23 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
QL8PMY	PowerPlex® Y 23 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10	2	
QQKKAN	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
QQRTXV	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
QRJN86	PowerPlex® Y PowerPlex Y23 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
QT2XFQ	PowerPlex® Y 3sp	15	14,15	14	31	23	10	12	14
		14	10	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 3sp									
QYJD29	PowerPlex® Y 23	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
QZHE4U	Yfiler®	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
R3DDBJ	Yfiler®	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
R7UTPH	Yfiler®	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
RADWBT	Yfiler®	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	-	-
		-	-	-	21	-	10	-	
RERP88	Yfiler®	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
RLM96B	Yfiler®	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
RM394C	Yfiler®	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	N/A	N/A
		N/A	N/A	N/A	21	N/A	10	N/A	
RNVMBV	PowerPlex® Y 23	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
RRDT24	PowerPlex® Y 23	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		

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

RUZEPK	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
RVCW3Y	PowerPlex® Y								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10	-	
RVY7B8	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
RYVRK3	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
T2JGNF	PowerPlex® Y								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11					
T3BJ9A	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
T42DLY	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
T4RYW7	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
T8N6HG	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
TATAX6	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		

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

TAX6MN	PowerPlex® Y 3sp	15	14,15	14	31	23	10	12	14
		14	10	11					
TJWJ7F	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
TL36UF	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
TL7GRK	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	-	-
		-	-	-	21	-	10	-	-
TMFNTR	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	-	-
		-	-	-	21	-	10	-	-
TPL9GR	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	-	-
		-	-	-	21	-	10	-	-
TQMBUH	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
TUJEP4	PowerPlex® Y 23 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
TZ4PKK	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
U6QUJE	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	-	-
		-	-	-	21	-	10	-	-

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

U8G22P	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	-	-
		-	-	-	21	-	10	-	
U8MLV7	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
UA7B44	PowerPlex® Y								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11					
UGMZDC	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
ULJHZ6	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
UQBMT9	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	NT	NT
		NT	NT	NT	21	NT	10	NT	
UQE8M4	PowerPlex® Y								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11					
UQF8GC	Yfiler®								
	3sp	15	14-15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
UQFXV8	Yfiler®								
	3sp	15	14,15	14	31	23			14
						14	15		
UTDUP7	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		

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									
V6PEQE	Yfiler®								
	3sp	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12	14
VCTAYE	Yfiler®								
	3sp	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12	14
VJ834H	Yfiler®								
	3sp	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12	14
VJ9LYD	Yfiler®								
	3sp	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12	14
VLJTDM	Globalfiler								
	3sp						10		
								2	
VM92K3	PowerPlex® Y								
	3sp	15 14	14,15 10	14 11	31	23	10	12	14
VRMN9F	Yfiler®								
	3sp	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12	14
VWEXE8	Yfiler®								
	3sp	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12	14
W3XFCF	Yfiler®								
	3sp	15 14	14,15 10	14 11	31 20 21	23 14	10 15 10	12	14
W8UFCW	PowerPlex® Y 23								
	3sp	15 14 13	14,15 10 19	14 11 17	31 20 21	23 14 12	10 15 10	12 27	14 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

WAZUTB	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
WGJCQX	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
WKHBW4	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
WKVX2B	PowerPlex® Y 23								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
WMNBXG	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
X7CNY7	PowerPlex® Y								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
X7H7B4	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
X87JD2	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
XAXZQ2	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
XCLA3N	Yfiler®								
	3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		

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

XJ3FP2	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
XRLJYP	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
XVAE62	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
XZB2XB	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
Y4NY8J	PowerPlexY23 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
YAAFH3	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
YBKB7F	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
YBMPNM	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
YCF2AA	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
YCFUA3	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		

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

YDFDDA	PowerPlex® Y 3sp	15	14,15	14	31	23	10	12	14
		14	10	11					
YE8GX6	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	Blank	Blank
		Blank	Blank	Blank	21	Blank	10	Blank	
YHJZMK	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	-	-
		-	-	-	21	-	10	-	
YMEUHZ	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
Z9XFC2	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
ZD282J	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
ZE2LUP	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
ZFCVTW	PowerPlex® Y 23 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
ZGEJG2	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
ZMBE4E	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		

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

ZMBMJ	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
ZMJRTG	PowerPlex® Y 23 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
ZPCJCT	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		
ZZKXR2	Yfiler® 3sp	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15		
					21		10		

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

2LBTPD	Yfiler® 4	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
327JDN	Yfiler® 4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
					NR		NR		
37XV4D	Yfiler® 4	ND	ND	ND	ND	ND	ND	ND	ND
		ND	ND	ND	ND	ND	ND	ND	ND
					ND		ND		
3LAEZJ	Yfiler® 4	ND	ND	ND	ND	ND	ND	ND	ND
		ND	ND	ND	ND	ND	ND	ND	ND
					ND		ND		
3NZLYM	PowerPlex® Y 23 4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
3U6FXP	PowerPlex® Y 23 4	15	14,15	14	31	23	10	12	14
		14	10	11	20	14	15	27	11
		13	19	17	21	12	10		
448ZWB	Yfiler® 4	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
4ADWFB	Yfiler® 4	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
					-		-		
4J49Z4	Yfiler® 4	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
					-		-		
4TK94R	PowerPlex® Y System 4								

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

4UYLRN	Yfiler® 4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NT	NT
		NT	NT	NT	NR	NT	NR	NT	
66YTPE	Yfiler® 4								
6E8WLJ	Yfiler® 4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR		
					NR		NR		
6ZMLPF	Yfiler® 4	ND	ND	ND	ND	ND	ND	ND	ND
		ND	ND	ND	ND	ND	ND		
					ND		ND		
7KL9RW	Yfiler® 4	NR	NR, NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR		
					NR		NR		
8C72GK	Yfiler® 4								
8DHP7C	Yfiler® 4	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
8MRJR	Yfiler® 4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NT	NT
		NT	NT	NT	NR	NT	NR	NT	
8XRMNM	Yfiler® 4	ND	ND	ND	ND	ND	ND	ND	ND
		ND	ND	ND	ND	ND	ND		
					ND		ND		
9D3F2H	Yfiler® 4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR		
					NR		NR		

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

9NKPEV	Yfiler®								
	4	No Profile No Profile	No Profile No Profile	No Profile No Profile	No Profile No Profile No Profile	No Profile No Profile No Profile	No Profile No Profile No Profile	No Profile	No Profile
B8N8FB	Yfiler®								
	4								
BBQDB4	Yfiler®								
	4	- -	- -	- -	- -	- -	- -	-	-
BQX8MQ	Yfiler®								
	4	NR NR	NR NR	NR NR	NR NR NR	NR NR	NR NR NR	NR	NR
CA3YHH	PowerPlex® Y								
	4								
CX9JTG	Yfiler®								
	4	ND ND	ND ND	ND ND	ND ND ND	ND ND	ND ND ND	ND	ND
DGJLBM	Yfiler®								
	4	NR NR	NR NR	NR NR	NR NR NR	NR NR	NR NR NR	NR	NR
DN3X6F	Yfiler®								
	4								
DRNMZD	Yfiler®								
	4	NR NR	NR NR	NR NR	NR NR NR	NR NR	NR NR NR	NR	NR
EBW792	Yfiler®								
	4	No Result No Result Not Tested	No Result No Result Not Tested	No Result No Result Not Tested	No Result No Result No Result	No Result No Result Not Tested	No Result No Result No Result	No Result Not Tested Not Tested	No Result Not Tested

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

F9P2GY	Yfiler® 4	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
FDD336	Yfiler® 4								
FX47U4	Yfiler® 4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	-	-
		-	-	-	NR	-	NR	-	-
H42KLH	PowerPlex Fusion 4						-		
HUCC2D	Yfiler® 4	No Profile	No Profile	No Profile	No Profile	No Profile	No Profile	No Profile	No Profile
		No Profile	No Profile	No Profile	No Profile	No Profile	No Profile	No Profile	No Profile
					No Profile		No Profile		
JA9UQB	Yfiler® 4	No Profile	No Profile	No Profile	No Profile	No Profile	No Profile	No Profile	No Profile
		No Profile	No Profile	No Profile	No Profile	No Profile	No Profile	No Profile	No Profile
					No Profile		No Profile		
JUVUNE	Yfiler® 4	NSD	NSD	NSD	NSD	NSD	NSD	NSD	NSD
		NSD	NSD	NSD	NSD	NSD	NSD		
					NSD		NSD		
JXEZ9V	Yfiler® 4	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
K3WTH8	Yfiler® 4								
K8VZCH	Yfiler® 4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR		
					NR		NR		

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

LB43BH	Yfiler® 4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
LZUABR	Yfiler® 4	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
M9GJAK	Yfiler® 4	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
		NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
MJJUM3	Yfiler® 4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
MTZT37	Yfiler® 4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
		NT	NT	NT	NR	NT	NR	NT	NT
N4L66B	PowerPlex® Y 4	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
NEXLLF	Yfiler® 4								
NMVZY3	Yfiler® 4								
NTK6HB	Yfiler® 4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
PD7QVQ	Yfiler® 4	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-

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

PR6Z9Y	Yfiler® 4	No results	No results	No results	No results	No results	No results	No results	No results
		No results	No results	No results	No results	No results	No results	No results	No results
					No results		No results		
QL8PMY	PowerPlex® Y 23 4	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	
QYJD29	PowerPlex® Y 23 4	US	NID	NID	NID	NID	NID	NID	US
		NID	NID	NID	NID	US	NID	NID	NID
		NID	NID	NID	NID	NID	NID		
R7UTPH	Yfiler® 4	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.
		Neg.	Neg.	Neg.	Neg.	Neg.	Neg.		
					Neg.		Neg.		
RM394C	Yfiler® 4	No Profile	No Profile	No Profile	No Profile	No Profile	No Profile	No Profile	No Profile
		No Profile	No Profile	No Profile	No Profile	No Profile	No Profile	N/A	N/A
		N/A	N/A	N/A	No Profile	N/A	No Profile	N/A	
RNVMBV	PowerPlex® Y 23 4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR		
T42DLY	Yfiler® 4								
TATAX6	Yfiler® 4	ND	ND	ND	ND	ND	ND	ND	ND
		ND	ND	ND	ND	ND	ND		
					ND		ND		
TZ4PKK	Yfiler® 4	-	-	-	-	-	-	-	-
		-	-	-	-	-	-		
					-		-		
UFB2MA	Yfiler® 4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR		
					NR		NR		

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

UQBMT9	Yfiler® 4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NT
		NT	NT	NT	NR	NT	NR	NT	NT
VJ834H	Yfiler® 4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
					NR		NR		
WMNBXG	Yfiler® 4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
					NR		NR		
X87JD2	Yfiler® 4	ND	ND	ND	ND	ND	ND	ND	ND
		ND	ND	ND	ND	ND	ND	ND	ND
					ND		ND		
XRLJYP	Yfiler® 4	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
					-		-		
XVAE62	Yfiler® 4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
					NR		NR		
YAAFH3	Yfiler® 4	NIR	NIR	NIR	NIR	NIR	NIR	NIR	NIR
		NIR	NIR	NIR	NIR	NIR	NIR	NIR	NIR
					NIR		NIR		
YE8GX6	4	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank
		Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank
		Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank
YHJZMK	Yfiler® 4	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
YMEUHZ	Yfiler® 4	nd	nd	nd	nd	nd	nd	nd	nd
		nd	nd	nd	nd	nd	nd	nd	nd
					nd		nd		

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

Z9XFC2	Yfiler® 4	NR NR	NR NR	NR NR	NR NR NR	NR NR	NR NR	NR	NR
ZE2LUP	Yfiler® 4								
ZMBMJ	Yfiler® 4	None None	None None	None None	None None None	None None	None None None	None	None
ZPCJCT	Yfiler® 4								
ZWKY9V	Yfiler® 4	NR NR	NR NR	NR NR	NR NR NR	NR NR	NR NR	NR	NR

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 4e

7HE32N	PowerPlex® Y								
	4e	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR					
L4N98A	PowerPlex® Y								
	4e	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR					

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 4sp

7HE32N	PowerPlex® Y								
	4sp	NR NR	NR NR	NR NR	NR	NR	NR	NR	NR
L4N98A	PowerPlex® Y								
	4sp	NR NR	NR NR	NR NR	NR	NR	NR	NR	NR

Additional DNA Results

TABLE 4

Locus	WebCode	Item 1	Item 2	Item 3	Item 3e	Item 3sp	Item 4
D6S1043	3V4XHK	18,19	11,12		[11],18,19	10,11	18,19
	7FVBJD	18,19	11,12		10,11,18,19	10,11	18,19
	7NDLWE	18,19	11,12		10,11,18,19	10,11,18	18,19
	7X2HXF	18,19	11,12		10,11,18,19	10,11	18,19
	9EYGYE	18,19	11,12		10,11,18,19	10,11	18,19
	B46DJA	18,19	11,12		[10],[11],18,19	10,11	18,19
	BZR88A	18,19	11,12	10,11,18,19			18,19
	E8HR22	18,19	11,12		10,11,18,19	10,11	18,19
	EEU992	18,19	11,12		10,11,18,19	10,11	18,19
	FBRRCX	18,19	11,12		[10],18,19	10,11	18,19
	H7LEGX	18,19	11,12		18,19	10,11	18,19
	JUBUKU	18,19	11,12		[10],[11],18,19	10,11	18,19
	KML83N	18,19	11,12		18,19	10,11	18,19
	MJKDHW	18,19	11,12		[10],[11],18,19	10,11	18,19
	MT7EZR	18,19	11,12		[10],[11],18,19	10,11	18,19
	NMYAMY	18,19	11,12		11,18,19	10,11	18,19
	P9W2JP	18,19	11,12		[10],[11],18,19	10,11	18,19
	R6KZBN	18,19	11,12		10,11,18,19	10,11	18,19
	RVCW3Y	18,19	11,12		18,19	10,11	18,19
	TQLDJL	18,19	11,12		10,11,18,19	10,11	18,19
Z93URM	18,19	11,12		10,11,18,19	10,11	18,19	
ZAAAZE	18,19	11,12		[10],[11],18,19	10,11	18,19	
F13A01	DBV4UQ	3,2,6	3,2,5		3,2,6	5,7	3,2,6
F13B	DBV4UQ	9,10	9,10		9,10	8,10	9,10
FESFPS	DBV4UQ	11,12	10,11		11,12	12	11,12
LPL	DBV4UQ	10	11		10	10,11	10

Mitochondrial DNA - HVRI Results

TABLE 5a - ITEM 1

Polymorphisms from Anderson Reference

	16223.0	16325.0	16326.0	16362.0	16519.0
ITEM 1					
3HT7GQ	T	C		C	
4PD6LB	T	C		C	
4ZT8CX	T	C		C	
66YTPE	T	C		C	
8A8ULU	T	C		C	
CX9JTG	T	C		C	
DBV4UQ	T	C		C	
DJMGWB	T	C		C	
EWDNDC	T	C		C	
FRNP78	T	C		C	C
G2XFLG	T	C		C	
H7LEGX	T	C		C	C
HLZH8Y	T	C		C	C
LB43BH	T	C		C	
LKFQUK	T	C		C	C
LQ6F7H	T	C		C	C
LV9QU2	T	C		C	
NEXLLF	T	C	C		
P6CMJG	T	C		C	C
P9W2JP	T	C		C	
QL8PMY	T	C		C	
QTUFCE	T	C		C	
RNVMBV	T	C		C	
RVCW3Y	T	C		C	
UFB2MA	T	C		C	C
WAZUTB	T	C		C	
WKVX2B	T	C		C	
X92X98	T	C		C	C
ZWKY9V	T	C		C	C

Mitochondrial DNA - HVRI Results

TABLE 5b - ITEM 2

Polymorphisms from Anderson Reference

	16111.0	16223.0	16290.0	16319.0	16326.0	16362.0
ITEM 2						
3HT7GQ	T	T	T	A		C
4PD6LB	T	T	T	A		C
4ZT8CX	T	T	T	A		C
66YTPE	T	T	T	A		C
8A8ULU	T	T	T	A		C
CX9JTG	T	T	T	A		C
DBV4UQ	T	T	T	A		C
DJMGWB	T	T	T	A		C
EWDNDC	T	T	T	A		C
FRNP78	T	T	T	A		C
G2XFLG	T	T	T	A		C
H7LEGX	T	T	T	A		C
HLZH8Y	T	T	T	A		C
LB43BH	T	T	T	A		C
LKFQUK	T	T	T	A		C
LQ6F7H	T	T	T	A		C
LV9QU2	T	T	T	A		C
NEXLLF	T	T	T	A	C	
P6CMJG	T	T	T	A		C
P9W2JP	T	T	T	A		C
QL8PMY	T	T	T	A		C
QTUFCE	T	T	T	A		C
RNVMBV	T	T	T	A		C
RVCW3Y	T	T	T	A		C
UFB2MA	T	T	T	A		C
WAZUTB	T	T	T	A		C
WKVX2B	T	T	T	A		C
X92X98	T	T	T	A		C
ZWKY9V	T	T	T	A		C

Mitochondrial DNA - HVRI Results

TABLE 5c - ITEM 3

Polymorphisms from Anderson Reference

	16223.0	16325.0	16362.0	16519.0
ITEM 3				
DBV4UQ	T	C	C	
FRNP78	T	C	C	C
WKVX2B	T	C	C	

Mitochondrial DNA - HVRI Results

TABLE 5d - ITEM 4

Polymorphisms from Anderson Reference

	16223.0	16325.0	16362.0	16519.0
ITEM 4				
3HT7GQ	T	C	C	
4PD6LB	T	C	C	
4ZT8CX	T	C	C	
66YTPE	T	C	C	
8A8ULU	T	C	C	
CX9JTG	T	C	C	
DBV4UQ	T	C	C	
DJMGWB	T	C	C	
EWDNDC	T	C	C	
FRNP78	T	C	C	C
G2XFLG	T	C	C	
H7LEGX	T	C	C	C
HLZH8Y	T	C	C	C
LB43BH	T	C	C	
LKFQUK	T	C	C	
LQ6F7H	T	C	C	C
LV9QU2	T	C	C	
P6CMJG	T	C	C	
QL8PMY	T	C	C	
QTUFCE	T	C	C	
RNVMBV	T	C	C	
RVCW3Y	T	C	C	
UFB2MA	T	C	C	C
WKVX2B	T	C	C	
X92X98	T	C	C	C
ZWKY9V	T	C	C	C

Mitochondrial DNA - HVRI Results

TABLE 5e

Bases Sequenced: HVR I

WEBCODE	ITEM 1	ITEM 2	ITEM 3	ITEM 4
3HT7GQ	15994-16400	15994-16400		15994-16400
4PD6LB	16028-16394	16058-16394		16028-16394
4ZT8CX	15998-16390	15998-16390		15998-16390
66YTPE	15998-16390	15998-16390	** not tested	15998-16390
8A8ULU	15998-16390	15998-16390		15998-16390
CX9JTG	16024~16365	16024~16365		16024~16365
DBV4UQ	16024-16365	16024-16365	16024-16365	16024-16365
DJMGWB	16021-16400	16021-16400		16021-16400
EWDNDC	15994-16400	15994-16400	15994-16400	15994-16400
FRNP78	16024-576	16024-576	16024-576	16024-576
G2XFLG	15998-16390**	15998-16390	***	15998-16390
H7LEGX	16018-16569	16016-16569		16018-16569
HLZH8Y	15998-16569	15998-16569		15998-16569
LB43BH	16024-16391	16024-16391	Inc	16024-16391
LKFQUK	16024-16569	16024-16569		16024-16388
LQ6F7H	16024-16569	16024-16569	Inconclusive due to mixture	16024-16569
LV9QU2	16024-16365	16024-16365	16024-16365	16024-16365
NEXLLF	16024-16365	16024-16365		
P6CMJG	16024-16569	16024-16569		16024-16385
P9W2JP	16024-16365	16024-163635		
QL8PMY	15990-16391	15990-16391		15990-16391
QTUFCE	16024-16391	16024-16391	Inc	16024-16391
RNVMBV	16024-16365	16024-16365	16024-16365	16024-16365
RVCW3Y	16024-16470	16024-16470319		16024-16470
UFB2MA	16024-16569	16024-16569	Inc	16024-16569
WAZUTB	16018-16374	16018-16374		
WKVX2B	16021-16370	16021-16370	16021-16370	16021-16370
X92X98	16024-16569	16024-16569		16024-16569
ZWKY9V	16024-16569	16024-16569	Inc	16024-16569

Mitochondrial DNA - HVRII Results

TABLE 6a - ITEM 1

Polymorphisms from Anderson Reference

	73.0	109.0	146.0	153.0	263.0	309.1	315.1	489.0
ITEM 1								
3HT7GQ	G	A	C	G	G	C	C	
4PD6LB	G	A	C	G	G	C	C	
4ZT8CX	G	A	C	G	G	C	C	
66YTPE	G	A	C	G	G	C	C	
8A8ULU	G	A	C	G	G	C	C	
CX9JTG	G	A	C	G	G	C	C	C
DBV4UQ	G	A	C	G	G	C	C	
DJMGWB	G	A	C	G	G	C	C	
EWDNDC	G	A	C	G	G	C	C	
FRNP78	G	A	C	G	G	C	C	C
G2XFLG	G	A	C	G	G	C	C	
H7LEGX	G	A	C	G	G	C	C	C
HLZH8Y	G	A	C	G	G		C	C
LB43BH	G	A	C	G	G	C	C	
LKFQUK	G	A	C	G	G	C	C	
LQ6F7H	G	A	C	G	G	C	C	C
LV9QU2	G	A	C	G	G	C	C	
NEXLLF	G	A	C	G	G	N	C	
P6CMJG	G	A	C	G	G	C	C	C
P9W2JP	G	A	C	G	G	C	C	
QL8PMY	G	A	C	G	G	C	C	
QTUFCE	G	A	C	G	G	C	C	
RNVMBV	G	A	C	G	G	C	C	
RVCW3Y	G	A	C	G	G	C	C	
UFB2MA	G	A	C	G	G	C	C	C
WAZUTB	G	A	C	G	G	C	C	
WKVX2B	G	A	C	G	G	C	C	
X92X98	G	A	C	G	G	C	C	C
ZWKY9V	G	A	C	G	G	C	C	C

Mitochondrial DNA - HVRII Results

TABLE 6b - ITEM 2

Polymorphisms from Anderson Reference

	64.0	73.0	146.0	153.0	235.0	263.0	309.1	315.1	523.0	524.0
ITEM 2										
3HT7GQ	T	G	C	G	G	G	C	C		
4PD6LB	T	G	C	G	G	G	C	C		
4ZT8CX	T	G	C	G	G	G	C	C		
66YTPE	T	G	C	G	G	G	C	C		
8A8ULU	T	G	C	G	G	G	C	C		
CX9JTG		G	C	G	G	G	C	C	DEL	DEL
DBV4UQ		G	C	G	G	G	C	C		
DJMGWB		G	C	G	G	G	C	C		
EWDNDC	T	G	C	G	G	G	C	C		
FRNP78	T	G	C	G	G	G	C	C	del	del
G2XFLG	T	G	C	G	G	G	C	C		
H7LEGX	T	G	C	G	G	G	C	C	DEL	DEL
HLZH8Y	T	G	C	G	G	G		C	-	-
LB43BH	T	G	C	G	G	G	C	C		
LKFQUK	T	G	C	G	G	G	C	C		
LQ6F7H	T	G	C	G	G	G	C	C	-	-
LV9QU2		G	C	G	G	G	C	C		
NEXLLF		G	C	G	G	G	N	C		
P6CMJG	T	G	C	G	G	G	C	C	d	d
P9W2JP		G	C	G	G	G	C	C		
QL8PMY	T	G	C	G	G	G	C	C		
QTUFCE	T	G	C	G	G	G	C	C		
RNVMBV		G	C	G	G	G	C	C		
RVCW3Y	T	G	C	G	G	G	C	C		
UFB2MA	T	G	C	G	G	G	C	C	-	-
WAZUTB	T	G	C	G	G	G	C	C		
WKVX2B		G	C	G	G	G	C	C		
X92X98	T	G	C	G	G	G	C	C	d	d
ZWKY9V	T	G	C	G	G	G	C	C	-	-

Mitochondrial DNA - HVRII Results

TABLE 6c - ITEM 3

Polymorphisms from Anderson Reference

	73.0	109.0	146.0	153.0	263.0	309.1	315.1	489.0
ITEM 3								
DBV4UQ	G	A	C	G	G	C	C	
FRNP78	G	A	C	G	G	C	C	C
WKVX2B	G	A	C	G	G	C	C	

Mitochondrial DNA - HVRII Results

TABLE 6d - ITEM 4

Polymorphisms from Anderson Reference

	73.0	109.0	146.0	153.0	263.0	309.1	315.1	455.0	489.0
ITEM 4									
3HT7GQ	G	A	C	G	G	C	C		
4PD6LB	G	A	C	G	G	C	C		
4ZT8CX	G	A	C	G	G	C	C		
66YTPE	G	A	C	G	G	C	C		
8A8ULU	G	A	C	G	G	C	C		
CX9JTG	G	A	C	G	G	C	C		C
DBV4UQ	G	A	C	G	G	C	C		
DJMGWB	G	A	C	G	G	C	C		
EWDNDC	G	A	C	G	G	C	C		
FRNP78	G	A	C	G	G	C	C		C
G2XFLG	G	A	C	G	G	C	C		
H7LEGX	G	A	C	G	G	C	C		C
HLZH8Y	G	A	C	G	G		C		C
LB43BH	G	A	C	G	G	C	C	N	
LKFQUK	G	A	C	G	G	C	C		
LQ6F7H	G	A	C	G	G	C	C		C
LV9QU2	G	A	C	G	G	C	C		
P6CMJG	G	A	C	G	G	C	C		
QL8PMY	G	A	C	G	G	C	C		
QTUFCE	G	A	C	G	G	C	C		
RNVMBV	G	A	C	G	G	C	C		
RVCW3Y	G	A	C	G	G	C	C		
UFB2MA	G	A	C	G	G	C	C		C
WKVX2B	G	A	C	G	G	C	C		
X92X98	G	A	C	G	G	C	C		C
ZWKY9V	G	A	C	G	G	C	C		C

Mitochondrial DNA - HVR II Results

TABLE 6e

Bases Sequenced: HVR II

WEBCODE	ITEM 1	ITEM 2	ITEM 3	ITEM 4
3HT7GQ	35-409	35-409		35-409
4PD6LB	51-381	58-381		51-381
4ZT8CX	49-402*	49-402*		49-402*
66YTPE	49-402*	49-402*	** not tested	49-402*
8A8ULU	49-407	49-407		49-407
CX9JTG	73~340,438~576	73~340,438~576		73~340,438~576
DBV4UQ	73-340	73-340	73-340	73-340
DJMGWB	66-390	66-390		66-390
EWDNDC	35-409	35-409	35-409	35-409
FRNP78	16024-576	16024-576	16024-576	16024-576
G2XFLG	49-402*	49-402*	***	49-402*
H7LEGX	1-543	1-548		1-565
HLZH8Y	1-616	1-616		1-616
LB43BH	35-464	35-464	Inc	40-460
LKFQUK	1-365	1-364		50-368
LQ6F7H	1-576	1-576	Inconclusive due to mixture	1-576
LV9QU2	73-340	73-340	73-340	73-340
NEXLLF	73-340	73-340		
P6CMJG	1-576	1-573		42-365
P9W2JP	73-340	73-340		
QL8PMY	34-370	34-370		34-370
QTUFCE	39-369	39-369	Inc	35-369
RNVMBV	73-340	73-340	73-340	73-340
RVCW3Y	60-450	60-450		60-450
UFB2MA	1-576	1-576	Inc	1-576
WAZUTB	57-385	57-385		
WKVX2B	71-350	71-350	71-350	71-350
X92X98	1-566	1-550		1-564
ZWKY9V	1-576	1-576	Inc	1-576

DNA Interpretations

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

TABLE 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
229JQM	Yes	Yes	No	No	2VJNNC	Yes	Yes	No	No
23PFEF	Yes	Yes	No	No	2XP43V	Yes	Yes	No	No
24JWGK	Yes	Yes	No	No	2YAY6C	Yes	Yes	No	No
27MK2F	Yes	Yes	No	No	2ZFX9C	Yes	Yes	No	No
28FKXR	Yes	Yes	No	No	327JDN	Yes	Yes	No	No
2B3W24	Yes	Yes	No	No	329ALQ	Yes	Yes	No	No
2CAXT9	Yes	Yes	No	No	32PXR6	Yes	Yes	No	No
2CB3JX	Yes	Yes	No	No	34UTNA	Yes	Yes	No	No
2CNRBP	Yes	Yes	No	No	36M2E6	Yes	Yes	No	No
2EYTEB	Yes	Yes	No	No	37XV4D	Yes	Yes	No	No
2H48C3	Yes	Yes	No	No	37YLG M	Yes	Yes	No	No
2JTFHW	Yes	Yes	No	No	38TAXX	Yes	Yes	No	No
2L2QCF	Yes	Yes	No	No	38TYRY	Yes*	Yes	No	No
2LBTPD	Yes	Yes	No	No	3AH94L	Yes	Yes	No	No
2LVMDU	Yes	Yes	No	No	3AJKNQ	Yes	Yes	No	No
2NK2UR	Yes	Yes	No	No	3AX2PB	Yes	Yes	No	No
2NLHJC	Yes	Yes	No	No	3FAHAD	Yes	Yes	No	No
2PFBDA	Yes	Yes	No	No	3HT7GQ	Inc	Yes	Inc	No
2QAA28	Yes	Yes	No	No	3J4YEY	Yes	Yes	No	No
2RNMWW	Yes	Yes	No	No	3J6U3C	Yes	Yes	No	No
2TEVY	Yes	Yes	No	No	3K48WC	Yes	Yes	No	No
2UDUE8	Yes	Yes	No	No	3LAEZJ	Yes	Yes	No	No
2V88R6	Yes	Yes	No	No	3LC9FJ	Yes	Yes	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
3LELBT	Yes	Yes	No	No	4GK3QA	Yes	Yes	No	No
3N3D6A	Yes	Yes	No	No	4GYQRZ	Yes	Yes	No	No
3NZLYM	Yes	Yes	No	No	4HQRPC	Yes	Yes	No	No
3QADJP	Yes	Yes	No	No	4J49Z4	Yes	Yes	No	No
3QKJD6	Yes	Yes	No	No	4J6LHC	Yes	Yes	No	No
3RF3HR	Yes	Yes	No	No	4JLMLD	Yes	Yes	No	No
3U4NZG	Yes	Yes	No	No	4JM3PK	Yes	Yes	No	No
3U6FXP	Yes	Yes	No	No	4L8LGM	Yes	Yes	No	No
3V4XHK	Yes	Yes	No	No	4PD6LB	Inc	Yes	Inc	No
3WBYY7	Yes	Yes	No	No	4TB9QC	Yes	Yes	No	No
3WTNQY	Yes	Yes	No	No	4TBYQL	Yes	Yes	No	No
3X26EW	Yes	Yes	No	No	4TK94R	Yes	Yes	No	No
3YNREK	Yes	Yes	No	No	4UYLRN	Yes	Yes	No	No
3ZXC9A	Yes	Yes	No	No	4WQYUL	Yes	Yes	No	No
43V8BA	Yes	Yes	No	No	4Z9N8Q	Yes	Yes	No	No
448ZWB	Yes	Yes	No	No	4ZT8CX		Yes		No
48MMAF	Yes	Yes	No	No	4ZTGX3	Yes	Yes	No	No
48PBXL	Yes	Yes	No	No	62VQ9W	Yes	Yes	No	No
49J7CH	Yes	Yes	No	No	62XB9T	Yes	Yes	No	No
4ADWFB	Yes	Yes	No	No	63R2E8	Yes	Yes	No	No
4AFD3A	Yes	Yes	No	No	66YTPE	Yes	Yes	No	No
4B8KWL	Yes	Yes	No	No	6C47F4	Yes	Yes	No	No
4EW3JJ	Yes	Yes	No	No	6E8WLJ	Yes	Yes	No	No
4F2AMQ	Yes	Yes	No	No	6EQ7U6	Yes	Yes	No	No
4GE2HT	Yes	Yes	No	No	6H7G6A	Yes	Yes	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
6JF8Q8	Yes	Yes	No	No	7MV23X	No Interpretations Reported, DNA Analyzed for Database purposes only.			
6KPGEX	No Interpretations Reported, DNA Analyzed for Database purposes only.				7NDLWE	Yes	Yes	No	No
6L7D6C	Yes	Yes	No	No	7NN6JC	Yes	Yes	No	No
6VV8FD	Yes	Yes	No	No	7NUMVA	Yes	Yes	No	No
6WJNHU	Yes	Yes	No	No	7P2LQX	No Interpretations Reported, DNA Analyzed for Database purposes only.			
6WPND9	Yes	Yes	No	No	7PM2E2	Yes	Yes	No	No
6XWEER	Yes	Yes	No	No	7TN663	Yes	Yes	No	No
6YBQ8V	Yes	Yes	No	No	7V99M8	Yes	Yes	No	No
6ZMLPF	Yes	Yes	No	No	7X2HXF	Yes	Yes	No	No
72WQ36	Yes	Yes	No	No	7XH9UZ	Yes	Yes	No	No
732KFF	Yes	Yes	No	No	7ZZCFC	Yes	Yes	No	No
76HLU4	Yes	Yes	No	No	8384BX				
77KH47	Yes	Yes	No	No	83PUHX	Yes	Yes	No	No
782HHU	Yes	Yes	No	No	84VNTM	Yes	Yes	No	No
782R4Y	Yes	Yes	No	No	84ZW4W	Yes	Yes	No	No
79BNMH	Yes	Yes	No	No	877P99	Yes	Yes	No	No
7B2XNW	Yes	Yes	No	No	88G9ZD	Yes	Yes	No	No
7E7GV6	Yes	Yes	No	No	89DCH8	Yes	Yes	No	No
7FVBJD	Yes	Yes	No	No	8A8ULU	Yes	Yes	No	No
7GQ2KL	Yes	Yes	No	No	8BYLKZ	Yes	Yes	No	No
7HE32N	Yes	Yes	No	No	8C72GK	Yes	Yes	No	No
7JFAT2	Yes	Yes	No	No	8CCJ8B	Yes	Yes	No	No
7KBTWN	Yes	Yes	No	No	8CDT7H	Yes	Yes	No	No
7KL9RW	Yes	Yes	No	No	8DHP7C	Yes	Yes	No	No
7MD7KW	Yes	Yes	No	No	8EGMNY	Yes	Yes	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
8EHFL8	Yes	Yes	No	No	9D3F2H	Yes	Yes	No	No
8EXQCY	Yes	Yes	No	No	9EDF3J	Yes	Yes	No	No
8GKH83	Yes	Yes	No	No	9EYGYE	Yes	Yes	No	No
8HZ7XA	Yes	Yes	No	No	9G3MKU	Yes	Yes	No	No
8J9K3V	Yes	Yes	No	No	9GFGNN	Yes	Yes	No	No
8M92PK	Yes	Yes	No	No	9K36CU	Yes	Yes	No	No
8MRYRJ	Yes	Yes	No	No	9KYZUH	Yes	Yes	No	No
8N9LC6	Yes	Yes	No	No	9LRHTR	Yes	Yes	No	No
8T2NF6	Yes	Yes	No	No	9M9DUR	Yes	Yes	No	No
8U8Q44	Yes	Yes	No	No	9NKPEV	Yes	Yes	No	No
8VQP8T	Yes	Yes	No	No	9PBF GH	Yes	Yes	No	No
8XRMNM	Yes	Yes	No	No	9Q8WRJ	Yes	Yes	No	No
8Y3HEL	Yes	Yes	No	No	9QLEHJ	Yes	Yes	No	No
8Y48MP	Yes	Yes	No	No	9TBR92	Yes	Yes	No	No
8Y4G9U	Yes	Yes	No	No	9TPAYZ	Yes	Yes	No	No
8ZTUNQ	Inc	Yes	No	No	9TV72K	Yes	Yes	No	No
934AW4	Yes	Yes	No	No	9U7DZ8	Yes	Yes	No	No
93C7Z2	Yes	Yes	No	No	9VKAE6	Yes	Yes	No	No
96AVMN	Yes	Yes	No	No	9YJEE6	Yes	Yes	No	No
98CBZ2	Yes	Yes	No	No	A4D6A3	Yes	Yes	No	No
98W2XR	Yes	Yes	No	No	A7CM3N	Yes	Yes	No	No
9AVEMD	Yes	Yes	No	No	A87BJX	Yes	Yes	No	No
9BDAJ7	Yes	Yes	No	No	AB8F3K	Yes	Yes	No	No
9C4MTC	Yes	Yes	No	No	AB8GY4	Yes	Yes	No	No
9CR4D7	Yes	Yes	No	No	AE8KUW	Yes	Yes	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
AEUU7L	Yes	Yes	No	No	BHNCEX	Yes	Yes	No	No
AGC8D3	Yes	Yes	No	No	BKUW3X	Yes	Yes	No	No
AGVPD9	Yes	Yes	No	No	BQX8MQ	Yes	Yes	No	No
AJKYNA	Yes	Yes	No	No	BRRC96	Yes	Yes	No	No
AKQZ93	Yes	Yes	No	No	BTND62	Yes	Yes	No	No
ALQE28	Yes	Yes	No	No	BTZTYN	Yes	Yes	No	No
AMJPYA	Yes	Yes	No	No	BUL9MR	Yes	Yes	No	No
ATWKP7	Yes	Yes	No	No	BUYUZA	Yes	Yes	No	No
AW46EX	Yes	Yes	No	No	BYCREN	Yes	Yes	No	No
B3C34B	Yes	Yes	No	No	BYW4LA	Yes	Yes	No	No
B3QE4M	Yes	Yes	No	No	BZR88A	Yes	Yes	No	No
B46DJA	Yes	Yes	No	No	BZT6H7	Yes	Yes	No	No
B498DW	Yes	Yes	No	No	BZZ9NW	Yes	Yes	No	No
B4J6A2	Yes	Yes	No	No	C3QKB9	Yes	Yes	No	No
B8L7CJ	Yes	Yes	No	No	CA3YHH	Yes	Yes	No	No
B8N8FB	Yes	Yes	No	No	CA6HNU	Yes	Yes	No	No
BAPR9W	Yes	Yes	No	No	CBH3JP	Yes	Yes	No	No
BBL8KT	Yes	Yes	No	No	CCEHVL	Yes	Yes	No	No
BBQDB4	Yes	Yes	No	No	CCJTXK	Yes	Yes	No	No
BBQHMR	Yes	Yes	No	No	CDMTP6	Yes	Yes	No	No
BE68UG	Yes	Yes	No	No	CFVYAK	Yes	Yes	No	No
BE6FTT	Yes	Yes	No	No	CHFR4Z	Yes	Yes	No	No
BGEXXW	Yes	Yes	No	No	CJPVJJ	Yes	Yes	No	No
BH44G9	Yes	Yes	No	No	CLL632	Yes	Yes	No	No
BH9G3J	Yes	Yes	No	No	CQ2JY9	Yes	Yes	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
CQUNZU	Yes	Yes	No	No	DTHVY3	Yes	Yes	No	No
CRKUEY	Yes	Yes	No	No	DVJMRU	Yes	Yes	No	No
CVQ3WW	Yes	Yes	No	No	DVZL6R	Yes	Yes	No	No
CX9JTG	Yes	Yes	No	No	DX9T9K	Yes (h/s), No (Brent)	Yes	No (Brent), (h/s)	No
D288TP	Yes	Yes	No	No	E23AZ6	Yes	Yes	No	No
D4CTMG	Yes	Yes	No	No	E7HNWC	Yes	Yes	No	No
D7KYB3	Yes	Yes	No	No	E7YD6B	Yes	Yes	No	No
D8EJ9B	Yes	Yes	No	No	E8HR22	Yes	Yes	No	No
DAM8QR	Yes	Yes	No	No	E8U7AP	Yes	Yes	No	No
DBV4UQ	Yes	Yes	No	No	E9NZNL	Yes	Yes	No	No
DD62CE	Yes	Yes	No	No	E9NZQ7	Yes	Yes	No	No
DDNU8W	Yes	Yes	No	No	EBBQYQ	Yes	Yes	No	No
DDYWQA	Yes	Yes	No	No	EBW792	Yes	Yes	No	No
DEUEUW	Yes	Yes	No	No	ECN9TV	Yes	Yes	No	No
DGJLBM	Yes	Yes	No	No	EDKBUY	Yes	Yes	No	No
DJEH49	Yes	Yes	No	No	EEU992	Yes	Yes	No	No
DJMGWB	Yes	Yes	No	No	EKGHHT	Yes	Yes	No	No
DKLJNZ	Yes	Yes	No	No	EKNF4Q	Yes	Yes	No	No
DMVDW8	Yes	Yes	No	No	ELDXUP	Yes	Yes	No	No
DN3X6F	Yes	Yes	No	No	ELFFZ2	Yes	Yes	No	No
DNMYG3	Yes	Yes	No	No	ELH9WN	Yes	Yes	No	No
DPEQ4N	Yes	Yes	No	No	ELVYKY	Yes	Yes	No	No
DPXKT6	Yes	Yes	No	No	ER6Z4G	Yes	Yes	No	No
DRK28J	Yes	Yes	No	No	ETDTTU	Yes	Yes	No	No
DRNMZD	Yes	Yes	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
ETGT26	Yes	Yes	No	No	FPP8FT	Yes	Yes	No	No
EVH6AP	Yes	Yes	No	No	FRDUWM	Yes	Yes	No	No
EWDNDC	Yes	Yes	No	No	FRNP78	Yes	Yes	No	No
EWEC33	Yes	Yes	No	No	FVXAF8	Yes	Yes	No	No
EWVMJM	Yes	Yes	No	No	FX47U4	Yes	Yes	No	No
EX7LJX	Yes	Yes	No	No	FYZBWR	Yes	Yes	No	No
EY2MKZ	Yes	Yes	No	No	FZAMB9	Yes	Yes	No	No
EYJYF8	Yes	Yes	No	No	G2E4RV	Yes	Yes	No	No
F2HQUX	Yes	Yes	No	No	G2XFLG		Yes		No
F2JN49	Yes	Yes	No	No	G3TXRY	Yes	Yes	No	No
F3ZQ3U	Yes	Yes	No	No	G7U63N	Yes	Yes	No	No
F67A6W	Yes	Yes	No	No	G86RYH	Yes	Yes	No	No
F7FJBT	Yes	Yes	No	No	G8NU6W	Yes	Yes	No	No
F9KVQN	Yes	Yes	No	No	G8THYA	Yes	Yes	No	No
F9P2GY	Yes	Yes	No	No	GB9MHK	Yes	Yes	No	No
F9P7TL	Yes	Yes	No	No	GCXZXH	Yes	Yes	No	No
F9Z24T	Yes	Yes	No	No	GE9ELW	Yes	Yes	No	No
FB9CYB	Yes	Yes	No	No	GEMB3G	Yes	Yes	No	No
FBRRCX	Yes	Yes	No	No	GHNTA3	Yes	Yes	No	No
FC6HP3	Yes	Yes	No	No	GJ2QR9	Yes	Yes	No	No
FDD336	Yes	Yes	No	No	GJG44Y	Yes	Yes	No	No
FE7AMM	Yes	Yes	No	No	GJHZCA	Yes	Yes	No	No
FGWF6Y	Yes	Yes	No	No	GL4TCH	Yes	Yes	No	No
FH9P3K	Yes	Yes	No	No	GLK4YP	Yes	Yes	No	No
FNWUTK	Yes	Yes	No	No	GLTRUQ	Yes	Yes	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
GMYCGQ	Yes	Yes	No	No	HQW9BP	Yes	Yes	No	No
GEN9U4	Yes	Yes	No	No	HR6GHP	Yes	Yes	No	No
GP6YUV	Yes	Yes	No	No	HUCC2D	Yes	Yes	No	No
GPKC4Z	Yes	Yes	No	No	HV737R	Yes	Yes	No	No
GQXRNT	Yes	Yes	No	No	HWMPUV	Yes	Yes	No	No
GRCCG3	Yes	Yes	No	No	HYEJXR	Yes	Yes	No	No
GTPQ4C	Yes	Yes	No	No	HZ4Y28	Yes	Yes	No	No
GWPKQ2	No Interpretations Reported, DNA Analyzed for Database purposes only.				HZ7JV3	Yes	Yes	No	No
GXF6K7	Yes	Yes	No	No	J7NYP4	Yes	Yes	No	No
GXKD28	Yes	Yes	No	No	J8DWW6	Yes	Yes	No	No
GZ3Q9M	Yes	Yes	No	No	J8GNER	Yes	Yes	No	No
H2ER4M	Yes	Yes	No	No	JA9UQB	Yes	Yes	No	No
H2U3P9	Yes	Yes	No	No	JDQ7BY	Yes	Yes	No	No
H42KLH	Yes	Yes	No	No	JHDYF8	Yes	Yes	No	No
H4MY8F	Yes	Yes	No	No	JJD26B	Yes	Yes	No	No
H74KMF	Yes	Yes	No	No	JJTPFX	Yes	Yes	No	No
H7LEGX	Yes	Yes	No	No	JJUMQT	Yes	Yes	No	No
H7UWKA	Yes	Yes	No	No	JMDGRZ	Yes	Yes	No	No
HCW43X	Yes	Yes	No	No	JQ9DBZ	Yes	Yes	No	No
HFGVBE	Yes	Yes	No	No	JTZECCG	Yes	Yes	No	No
HH72UQ	Yes	Yes	No	No	JUBUKU	Yes	Yes	No	No
HKAWDU	Yes	Yes	No	No	JUVUNE	Yes	Yes	No	No
HLZH8Y		Yes		No	JWW3Q4	Yes	Yes	No	No
HPHUP2	Yes	Yes	No	No	JXEZ9V	Yes	Yes	No	No
HQD9HL	Yes	Yes	No	No	K2MWYN	Yes	Yes	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
K3JQXY	Yes	Yes	No	No	KVM76Y	Yes	Yes	No	No
K3WTH8	Yes	Yes	No	No	KYXBNL	Yes	Yes	No	No
K4F7AW	Yes	Yes	No	No	L28NY2	Yes	Yes	No	No
K7FY3N	Yes	Yes	No	No	L3FXTJ	Yes	Yes	No	No
K7GR3G	Yes	Yes	No	No	L3HJMD	Yes	Yes	No	No
K7NRCX	Yes	Yes	No	No	L4N98A	Yes	Yes	No	No
K8VZCH	Yes	Yes	No	No	L7DKH2	Yes	Yes	No	No
K97XLT	Yes	Yes	No	No	LAGANF	Yes	Yes	No	No
KAZVPT	Yes	Yes	No	No	LB43BH	Inc	Yes	No	No
KBP286	Yes	Yes	No	No	LC3WJN	Yes	Yes	No	No
KF84MB	Yes	Yes	No	No	LCXN3N	Yes	Yes	No	No
KF8C9F	Yes	Yes	No	No	LEMXCP	Yes	Yes	No	No
KFMNT7	Yes	Yes	No	No	LFPYJN	Yes	Yes	No	No
KFT764	Yes	Yes	No	No	LHQJC9	Yes	Yes	No	No
KKVYXT	Yes	Yes	No	No	LJJZEB	Yes	Yes	No	No
KML83N	Yes	Yes	No	No	LJKEQ6	Yes	Yes	No	No
KMP7GB	Yes	Yes	No	No	LJZQDG	Yes	Yes	No	No
KNJWMQ	Yes	Yes	No	No	LKFQUK		Yes		No
KPEDYM	Yes	Yes	No	No	LKUJ38	Yes	Yes	No	No
KPXL7P	Yes	Yes	No	No	LLBL4E	Yes	Yes	No	No
KQ8WW2	Yes	Yes	No	No	LP6GU2	Yes	Yes	No	No
KQ9VPA	Yes	Yes	No	No	LQ6F7H	Inc	Yes	Inc	No
KTVWL3	Yes	Yes	No	No	LRENU9	Yes	Yes	No	No
KTX29L	Yes	Yes	No	No	LRZZXM	Yes	Yes	No	No
KVLD8Q	Yes	Yes	No	No	LT4X3N	Yes	Yes	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
LTR83K	Yes	Yes	No	No	MT7EZR	Yes	Yes	No	No
LUNMEG	Yes	Yes	No	No	MTB724	Yes	Yes	No	No
LV9QU2	Yes	Yes	No	No	MTZT37	Yes	Yes	No	No
LYZRMP	Yes	Yes	No	No	MUGXMP	Yes	Yes	No	No
LZUABR	Yes	Yes	No	No	MXZPZD	Yes	Yes	No	No
M2J3K2	Yes	Yes	No	No	MYCQH7	Yes	Yes	No	No
M2W6G	Yes	Yes	No	No	MZ7EYF	Yes	Yes	No	No
M4PXAQ	Yes	Yes	No	No	MZPCEL	Yes	Yes	No	No
M9GJAK	Yes	Yes	No	No	N2ZQRE	Yes	Yes	No	No
MBKETN	Yes	Yes	No	No	N38PM3	Yes	Yes	No	No
MBL8PB	Yes	Yes	No	No	N4L66B	Yes	Yes	No	No
MCLX47	Yes	Yes	No	No	NC8KFR	Yes	Yes	No	No
MCYNWW	Yes	Yes	No	No	NCDP4G	Yes	Yes	No	No
ME3JFZ	Yes	Yes	No	No	ND8WJT	Yes	Yes	No	No
MFJE2D	Yes	Yes	No	No	NDDFHC	Yes	Yes	No	No
MH9KJN	Yes	Yes	No	No	NEJ27C	Yes	Yes	No	No
MJJUM3	Yes	Yes	No	No	NEXLLF	Yes	Yes	No	No
MJKDHW	Yes	Yes	No	No	NFVXD3	Yes	Yes	No	No
MKR3RF	Yes	Yes	No	No	NGPLUC	Yes	Yes	No	No
MLPEB3	Yes	Yes	No	No	NKPNV8	Yes	Yes	No	No
MNXTCV	Yes	Yes	No	No	NMVZY3	Yes	Yes	No	No
MPA6YL	Yes	Yes	No	No	NMYAMY	Yes	Yes	No	No
MPMREE	Yes	Yes	No	No	NQBPZQ	Yes	Yes	No	No
MQMU4J	Yes	Yes	No	No	NQCRKP	Yes	Yes	No	No
MRT9KX	Yes	Yes	No	No	NRTLNJ	Yes	Yes	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
NT2VH3	Yes	Yes	No	No	Q7YLC7	Yes	Yes	No	No
NTK6HB	Yes	Yes	No	No	Q7YNZP	Yes	Yes	No	No
NUVQWX	Yes	Yes	No	No	Q89TDD	Yes	Yes	No	No
NWEW49	Yes	Yes	No	No	Q8BDDA	Inc	Yes	No	No
P2BH9H	Yes	Yes	No	No	Q8TE2W	Yes	Yes	No	No
P6CMJG	Yes	Yes	No	No	Q9PTUG	Yes	Yes	No	No
P73XAA	Yes	Yes	No	No	QBXXAQ	Yes	Yes	No	No
P74CU3	Yes	Yes	No	No	QCBXHY	Yes	Yes	No	No
P9W2JP	Yes	Yes	No	No	QDK6J8	Yes	Yes	No	No
PD7QVQ	Yes	Yes	No	No	QFP8H4	Yes	Yes	No	No
PDMEZJ	Yes	Yes	No	No	QGJ3WZ	Yes	Yes	No	No
PEYNW7	Yes	Yes	No	No	QL8PMY	Yes	Yes	No	No
PHRWW7	Yes	Yes	No	No	QM9TMM	Yes	Yes	No	No
PJP7AW	Yes	Yes	No	No	QQKKAN	Yes	Yes	No	No
PLBUKW	Yes	Yes	No	No	QQN64H	Yes	Yes	No	No
PNQZHY	Yes	Yes	No	No	QQRTXV	Yes	Yes	No	No
PNZ4UX	Yes	Yes	No	No	QRJN86	Yes	Yes	No	No
PQABXQ	Yes	Yes	No	No	QT2XFQ	No Interpretations Reported, DNA Analyzed for Database purposes only.			
PQBYKV	Yes	Yes	No	No	QTUFCE	Inc	Yes	Inc	No
PR6Z9Y	Yes	Yes	No	No	QU4NVY	Yes	Yes	No	No
PTLRPV	Yes	Yes	No	No	QX29ZJ	Yes	Yes	No	No
PWDACL	Yes	Yes	No	No	QYJD29	Yes	Yes	No	No
PY6PZG	Yes	Yes	No	No	QZHE4U	Yes	Yes	No	No
PYPTQP	Yes	Yes	No	No	R272NF	Yes	Yes	No	No
PYX482	Yes	Yes	No	No	R2KX3E	Yes	Yes	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
R3BKFW	Yes	Yes	No	No	T2JGNF	Yes	Yes	No	No
R3DDBJ	Yes	Yes	No	No	T3BJ9A	Yes	Yes	No	No
R6KZBN	Yes	Yes	No	No	T42DLY	Yes	Yes	No	No
R7UTPH	Yes	Yes	No	No	T4RYW7	Yes	Yes	No	No
R7XJBK	Yes	No	No	No	T7R4GE	Yes	Yes	No	No
R9H3YJ	Yes	Yes	No	No	T8N6HG	Yes	Yes	No	No
RADWBT	Yes	Yes	No	No	TATAX6	Yes	Yes	No	No
RAKLAZ	Yes	Yes	No	No	TAX6MN	Yes	Yes	No	No
RC27LU	Yes	Yes	No	No	TB6YAU	Yes	Yes	No	No
RERP88	Yes	Yes	No	No	TBKAVF	Yes	Yes	No	No
REVV4F	Yes	Yes	No	No	TC3A3C	Yes	Yes	No	No
RJ9ELX	Yes	Yes	No	No	TDFY9A	Yes	Yes	No	No
RLM96B	Yes	Yes	No	No	TJ2PWQ	Yes	Yes	No	No
RM394C	Yes	Yes	No	No	TJKPPU	Yes	Yes	No	No
RNHWFJ	Yes	Yes	No	No	TJUUXC	Yes	Yes	No	No
RNVMBV	Yes	Yes	No	No	TJWJ7F	Yes	Yes	No	No
RPQHDD	Yes	Yes	No	No	TKCQL7	Yes	Yes	No	No
RRDT24	Yes	Yes	No	No	TKWDDZ	Yes	Yes	No	No
RUZEPK	Yes	Yes	No	No	TL36UF	Yes	Yes	No	No
RVCW3Y	Yes	Yes	No	No	TL7GRK	Yes	Yes	No	No
RVY7B8	Yes	Yes	No	No	TLKZE3	Yes	Yes	No	No
RWBYUN	Yes	Yes	No	No	TMFNTR	Yes	Yes	No	No
RXJJCW	Yes	Yes	No	No	TMYK6R	Yes	Yes	No	No
RYVRK3	Yes	Yes	No	No	TN9FWB	Yes	Yes	No	No
RZN444	Yes	Yes	No	No	TPL9GR	Yes	Yes	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
TQLDJL	Yes	Yes	No	No	UQF8GC	Yes	Yes	No	No
TQMBUH	Yes	Yes	No	No	UQFXV8	Yes	Yes	No	No
TRU6GN	Yes	Yes	No	No	UQYWT6	Yes	Yes	No	No
TUJEP4	Yes	Yes	No	No	UTDUP7	Yes	Yes	No	No
TXLCZW	Yes	Yes	No	No	UTXB3N	Yes	Yes	No	No
TYBHH9	Yes	Yes	No	No	UXCVGN	Yes	Yes	No	No
TZ4PKK	Yes	Yes	No	No	V3PVDF	Yes	Yes	No	No
U4W4FK	Yes	Yes	No	No	V6PEQE	Yes	Yes	No	No
U4X2NV	Yes	Yes	No	No	V77E7W	Yes	Yes	No	No
U6QUJE	Yes	Yes	No	No	V7JA7V	Yes	Yes	No	No
U7MBVB	Yes	Yes	No	No	VCT8AA	Yes	Yes	No	No
U8G22P	Yes	Yes	No	No	VCTAYE	Yes	Yes	No	No
U8MLV7	Yes	Yes	No	No	VDMZZM	Yes	Yes	No	No
U92GTE					VG8PP7	Yes	Yes	No	No
U9DTDG	Yes	Yes	No	No	VHGWRV	Yes	Yes	No	No
UA7B44	Yes	Yes	No	No	VJ834H	Yes	Yes	No	No
UCFB9B	Yes	Yes	No	No	VJ9LYD	Yes	Yes	No	No
UCVKD6	Yes	Yes	No	No	VLJTDV	Yes	Yes	No	No
UFB2MA	Yes	Yes	No	No	VM92K3	Yes	Yes	No	No
UGMZDC	Yes	Yes	No	No	VMQ8QU	Yes	Yes	No	No
UGR9UC	Yes	Yes	No	No	VR32XC	Yes	Yes	No	No
UL7CU9	Yes	Yes	No	No	VRMN9F	Yes	Yes	No	No
ULJHZ6	Yes	Yes	No	No	W36QK	Yes	Yes	No	No
UQBMT9	Yes	Yes	No	No	W7JQJ	Yes	Yes	No	No
UQE8M4	Yes	Yes	No	No	WQDWH	Yes	Yes	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
VWEXE8	Yes	Yes	No	No	WYJZLN	Yes	Yes	No	No
VX82RF	Yes	Yes	No	No	WZT72X	Yes	Yes	No	No
VZJ37F	Yes	Yes	No	No	X2KETE	Yes	Yes	No	No
W3KZ8E	Yes	Yes	No	No	X2NYM9	Yes	Yes	No	No
W3XFCF	Yes	Yes	No	No	X3XE2M	Yes	Yes	No	No
W8QK3Y	Yes	Yes	No	No	X4UWYH	Yes	Yes	No	No
W8UFCW	Yes	Yes	No	No	X7CNY7	Yes	Yes	No	No
W99CTF	Yes	Yes	No	No	X7H7B4	Yes	Yes	No	No
WAZUTB	Yes	Yes	No	No	X87JD2	Yes	Yes	No	No
WBUHAK	Yes	Yes	No	No	X8Q3GN	Yes	Yes	No	No
WCALEX	Yes	Yes	No	No	X92X98	Yes	Yes	No	No
WDJTHQ	Yes	Yes	No	No	XAXZQ2	Yes	Yes	No	No
WG2Q93	No Interpretations Reported, DNA Analyzed for Database purposes only.				XC3YBP	Yes	Yes	No	No
WGJCQX	Yes	Yes	No	No	XCLA3N	Yes	Yes	No	No
WJKZNT	Yes	Yes	No	No	XCMW9M	Yes	Yes	No	No
WKHBW4	Yes	Yes	No	No	XDGKNX	Yes	Yes	No	No
WKVX2B	Yes	Yes	No	No	XJ3FP2	Yes	Yes	No	No
WLUZC9	Yes	Yes	No	No	XJL44P	Yes	Yes	No	No
WLVPHR	Yes	Yes	No	No	XJMYTM	Yes	Yes	No	No
WMNBXG	Yes	Yes	No	No	XMLYZC	Yes	Yes	No	No
WPAJ4Q	Yes	Yes	No	No	XNZUFC	Yes	Yes	No	No
WPWXHV	Yes	Yes	No	No	XQ7898	Yes	Yes	No	No
WR4B7N	Yes	Yes	No	No	XQ7F3C	Yes	Yes	No	No
WTBMVD	Yes	Yes	No	No	XRLJYP	Yes	Yes	No	No
WV2WXR	Yes	Yes	No	No	XXRFZN	Yes	Yes	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
XTPLC8	Yes	Yes	No	No	YHJZMK	Yes	Yes	No	No
XUK2P6	Yes	Yes	No	No	YJKQZU	Yes	Yes	No	No
XVAE62	Yes	Yes	No	No	YJY3UT	Yes	Yes	No	No
XZB2XB	Yes	Yes	No	No	YKR2WX	Yes	Yes	No	No
Y2HEJJ	Yes	Yes	No	No	YLNQUY	Yes	Yes	No	No
Y2JYXT	Yes	Yes	No	No	YMEUHZ	Yes	Yes	No	No
Y3PHPA	Yes	Yes	No	No	YRCZQC	Yes	Yes	No	No
Y3X7JA	Yes	Yes	No	No	YT4A88	Yes	Yes	No	No
Y4LX27	Yes	Yes	No	No	YXHTK9	Yes	Yes	No	No
Y4NY8J	Yes	Yes	No	No	YXY2JB	Yes	Yes	No	No
Y7UKVJ	No Interpretations Reported, DNA Analyzed for Database purposes only.				YZMBTC	Yes	Yes	No	No
Y928NB	Yes	Yes	No	No	Z2C4YE	Yes	Yes	No	No
YAAFH3	Yes	Yes	No	No	Z2V32J	Yes	Yes	No	No
YAQNRQ	Yes	Yes	No	No	Z6FRP3	Yes	Yes	No	No
YBKB7F	Yes	Yes	No	No	Z84W9E	Yes	Yes	No	No
YBMPNM	Yes	Yes	No	No	Z93URM	Yes	Yes	No	No
YCF2AA	Yes	Yes	No	No	Z9XFC2	Yes	Yes	No	No
YCFUA3	Yes	Yes	No	No	ZAAAZE	Yes	Yes	No	No
YCK6CZ	No Interpretations Reported, DNA Analyzed for Database purposes only.				ZAP7DT	Yes	Yes	No	No
YDFDDA	Yes	Yes	No	No	ZCJPGF	Yes	Yes	No	No
YE68QZ	Inc	Yes	No	No	ZD282J	Yes	Yes	No	No
YE8GX6	Yes	Yes	No	No	ZE2LUP	Yes	Yes	No	No
YEMAMZ	Yes	Yes	No	No	ZFCVTW	Yes	Yes	No	No
YFZW29	Yes	Yes	No	No	ZGEJG2	Yes	Yes	No	No
YH8Y6R	Yes	Yes	No	No	ZGPKYU	Yes	Yes	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
ZMBE4E	Yes	Yes	No	No					
ZMBMXJ	Yes	Yes	No	No					
ZMJRTG	Yes	Yes	No	No					
ZMYY3J	Yes	Yes	No	No					
ZPCJCT	Yes	Yes	No	No					
ZQV3G6	Yes	Yes	No	No					
ZUWHYN	Yes	Yes	No	No					
ZV8FC6	Yes	Yes	No	No					
ZWKY9V	Inc	Yes	No	No					
ZYURFG	Yes	Yes	No	No					
ZZKXR2	Yes	Yes	No	No					

Response Summary			Participants reporting DNA results: 756			
<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)		
		<u>Item 3</u>	<u>Item 4</u>	<u>Item 3</u>	<u>Item 4</u>	
	Yes	733	745	0	0	
	No	0	1	738	746	
	Inc	9	0	4	0	

Participants not reporting Interpretation results: 10

Additional Comments

TABLE 8

WebCode	Additional Comments
2B3W24	Worksheets and DNA profiles in the form of electropherograms were presented, evaluated and interpretation of the results were reported. Screening tests results were performed and presented, but could not be evaluated. Therefore, screening results are not being reported. The 18 allele observed at FGA for both the sperm and non-sperm fraction of Item 3 is consistent with with[sic] n-8 stutter from the homozygote 20 allele. This 18 allele peak could be attributed to either a minor contributor or an artifact, is being interpreted as inconclusive, and was not be reported as a DNA type on the CTS data sheet.
2DNV3E	DNA analysis not performed; samples tested for screening purposes only.
2EYTEB	This test was completed as a "review only" proficiency test. Data and worksheets were utilized from another participant. Samples 2, 3e, 3s and 4 exhibited an additional DNA type at FGA that was interpreted as n-8 stutter and not included in the allele tables. Each reported allele at FGA was homozygous in nature and near the upper threshold at 4500 RFUs. Instances such as this would have been included within a laboratory report as "an additional donor or artifact".
2H48C3	Per our Laboratory's standard operating procedures, the minor typing obtained at D3S1358 for sample 4a would be conservatively reported as a possible minor allele or artifact. The predominant DNA profile obtained would be used for drawing conclusions and performing statistical analysis.
2LBTPD	* - possible drop out of male at SE33
2PFBDA	No STR results were obtained for the substrate controls.
2YAY6C	Item 2 suspect reference was determined to have a duplicated segment of the Y- chromosome. This determination was based on the affected loci being in close proximity to each other on the q-arm of the Y chromosome, the alleles were only one repeat apart and the alleles were well balanced.
327JDN	NR = No Results
37YLG M	Y-STR analysis was not performed on samples 1 and 4 because no male DNA was detected using Quantifiler Duo.
38TYRY	(*) Epithelial cell fraction only, victim is not a contributor to the sperm cell fraction. Our laboratory does not do Y-STR or Mito testing. [From Table 1 - Serology Screening Results, Item 4: "**failed to give a chemical indication w/ AP testing only"]
3HT7GQ	Extracting/ STR analyst is not qualified to do differential extractions. Sperm was observed for Item 3 along with a positive AP result, therefore Item 3 was not extracted.
3NZLYM	NR = No Result
3X26EW	[From Table 2 - STR Results, Item 3e: " * Inconclusive for the presence of additional allele(s)"]
3YNREK	Item 2 (YSTR) results indicate a possible duplication at DYS389II, DYS439, and DYS437.
448ZWB	*Allele drop out @ loci D13 & Penta D of victim's profile. Possible drop out of male contributor @ SE33. Drop out of epithelial (female) fraction of item 3.
4ADWFB	A possible dropout of male component at SE33.
4GYQRZ	Per the laboratory interpretation guidelines, the 17.2 @ D19S433 on Item 3A EF was reported as a possible minor allele or DNA artifact (i.e. pull-up). Given the sample was determined to be a mixture, this DNA type was conservatively included in the report, but ultimately had no effect on the overall interpretation of results.
4PD6LB	Item 3 although profiled was not interpreted as the profile was a mixture and the laboratory does not conduct mixture interpretation.
4TB9QC	Only Item 3SP was amplified and typed with YSTRs to satisfy the FBI/QAS requirement for different technologies and to compare the sample to the consensus Y-STR results. The Data Interpretation results are based on Identifiler Direct/Plus data.
4UYLRN	NT = Not Tested. NR = No Results.

TABLE 8

WebCode	Additional Comments
4ZT8CX	*HV2 length heteroplasmy observed in np303-310: C8TC6 major, C9TC6 minor. No mtDNA testing was performed on Item 3. The mtDNA section does not have procedures for testing semen.
66YTPE	**mtDNA testing was not performed on Item 3 since it contained semen and the mtDNA section does not have a protocol for semen containing stains. *Length heteroplasmy was observed in the HV2 region of Items 1,2 and 4 with the following major/minors: Item 1 & Item 2 C8TC6 Major, C9TC6 minor; Item 4 C8TC6 Major, C7TC6 minor, C9TC6 minor alleles listed in parenthesis () for the epithelial[sic] fraction of Item 3 are considered minor types and are carry over from the sperm donor in that sample.
6E8WLJ	The known male sample (Item 2) had two peaks at DYS389II, DYS439, and DYS437 for Y-STR testing. These loci have been observed as having locus duplication and have been verified using STRBase (http://www.cstl.nist.gov/strbase/var_tab.htm). The sample was also re-amplified and produced the same results as the original amplification. NR= No Results
6EQ7U6	DNA analysis was performed as follows: (1) Extraction using Qiagen BioRobot EZ1 Advanced XL and the Investigator Kit chemistry. (2) Quantification using Life Technologies Quantifiler Duo Kit on AB 7500 Real Time PCR System. (3) Data collection and analysis using AB3500xl Genetic Analyzer and GeneMapper ID-X software.
6KPGEX	Items 3 & 4 not analyzed.
6L7D6C	1. "INC" represents inconclusive data. 2. We use SERATEC® HemDirect to detect human hemoglobin.
7KBTWN	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds
7KL9RW	Note: Items 1 and 4 yielded no results ("NR") when tested with the Yfiler kit, therefore "NR" was added into all Yfiler loci for those samples in their respective results tabs.
7MV23X	Items 3 and 4 not analyzed.
7XH9UZ	An additional peak was detected in the epithelial fraction of item 3 at genetic locus D18S51. The additional peak was 80 RFUs and was typed as a 16; the major DNA types (15,18) detected at that locus exhibited RFUs greater than 3000 and the additional peak is consistent with n+4 stutter at ~2.3% of the major 15 peak. This additional peak was interpreted as n+4 stutter. This sample exhibited a minor contribution of ~10-14% that is consistent with carryover from the single source sperm fraction, with no indication of an additional minor donor.
7ZZCFC	(DNA Result) = Peak height intensity less than stochastic threshold Item 3 e.cell - A major contributor has been determined at the following loci: D8S1179, D21S11, D7S820, CSF1PO, TH01, D16S539, D2S1338, vWA, Amel, D5S818, and FGA.
8384BX	^ - Allele below stochastic threshold. NR - No result. Part III [Table 7]: DNA Interpretation was not completed because data was generated by a non-reporting DNA technician. This individual does not interpret DNA results on casework. Plexor HY - Item 3: positive for male DNA. Item 4: negative for male DNA.
83PUHX	N/A = Not Applicable
877P99	The Y-STR haplotype of item 2 was confirmed via reamplification. No Y-STR testing was performed on the non-sperm fraction of item 3 given that the autosomal results indicate the sperm donor is the male contributor in the non- sperm fraction, and the sperm fraction of item 3 was tested for Y-STRs.
8A8ULU	Part I [Table 1]: All screening tests were performed by a member of the forensic biology unit. Part III [Table 7]: Interpretation for item #3 based on nuclear DNA results. Mixtures are not interpreted for mitochondrial DNA testing. NT = not tested (Part II [Tables 2 & 3]). [Table 5 - Mitochondrial DNA - HVRI Results, Item 3: "Item #3 is a mixture."]
8CCJ8B	SGMplus kit used on items 3 and 4 at elevated cycle numbers. The appropriate results obtained via Identifiler and SGMplus were consistent.
8DHP7C	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 quantitation was carried out using the Quantifiler Human DNA Quantification Kit. 4) Item 3 and Item 4 were amplified using AmpFISTR Identifiler Plus Kit. 5) Amplification of Y-STR (Short Tandem Repeat) Genetic Loci was carried out using the AmpFISTR

TABLE 8

WebCode	Additional Comments
	Y-Filer PCR 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.
8J9K3V	This laboratory does not perform Y-STR or Mitochondrial testing.
8MRYRJ	NT - Not Tested. NR - No Results.
8ZTUNQ	The item 3.0 (Stain from victim's shirt) epithelial fraction was deemed inconclusive; therefore, no comparisons can be made to items 1.0 (Reference-Victim) or 2.0 (Reference-Suspect). However, both the victim and the suspect can be excluded as possible contributors to the item 3.0 sperm fraction. For DNA results: INC: Inconclusive for the presence of alleles. ---: No Results. *: Inconclusive for the presence of additional allele(s).
9NKPEV	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds
9YJEE6	Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed.
AE8KUW	This PT was completed as a DNA Interpretation PT. Data used was from a qualified analyst. 14-574-3S and 14-574-3N: There is an indication of an artifact or allele at FGA. The 18 allele/artifact is called at 98rfu and 109rfu and is in the N-8 position. The main peak at FGA (20 allele) are at 3979 and 4159rfu respectively. Due to some carryover from the fractions, the samples are determined to be mixtures. This same artifact appears in 14-574-4 as well and is interpreted as n-8 stutter.
ALQE28	The Y STR profile for item 2 contained three duplicated loci.
B498DW	^ = allele below stochastic threshold
B8N8FB	Possible duplication in YSTR
BBQDB4	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.
BH9G3J	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds
BQX8MQ	NR = No Result. The Minifiler results were concordant with the Identifiler Plus results.
BUYUZA	The minor allele reported at Y GATA H4 is likely stutter/raised baseline however meets the reporting requirements of the [City] Police Department's DNA Laboratory and is reported in accordance with the laboratory's intpretation[sic] guidelines.
BZT6H7	Along with DNA consistent with having originated from the victim, DNA consistent with having originated from the male contributor of the sperm fraction of Item 3 was also detected in the epithelial fraction of Item 3.
CA6HNU	1) Chelex extraction method was used to extract DNA from Item 1,2,3 and 4. 2) DNA Quantification was carried out using the Quantifiler Human DNA Quantification Kit with Applied Biosystems Real Time PCR 7500 System. 3) Amplification of STR (Short Tandem Repeats) genetic loci was carried out using the AmpFISTR Identifiler Plus PCR Amplification Kit. 4) Amplification of Y-STR genetic loci was carried out using the AmpFISTR Y- Filer PCR Amplification kit. 5) Capillary Electrophoresis was carried out using the Applied Biosystems 3130xl Genetic Analyzer with GeneMapper ID Software. 6) Reagent Blank, positive control and negative control were carried out throughout the analysis.
CBH3JP	Item 2: Known blood from suspect. It seems there is chromosomal duplication along the Y-chromosome (DY437, DY439 and DY389II).
CCEHVL	Ex. 3 Epi mixture of sperm fraction carry over into epithelial fraction. Ex. 3 Sperm D13 shows carry over of epithelial fraction.
CDMTP6	No STR results for substrate controls.
CX9JTG	Mitochondrial Sequencing[sic] results of Item 3. The loss of the flagellum and mid-piece, during the first lysis and centrifugation step, is reponsible[sic] for the failure of sperm mtDNA amplification in the sperm fraction. Reference (Katga D. Anslinger et al., mtDNA investigation after differential lysis, J Forensic Sci.,

TABLE 8

WebCode	Additional Comments
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DGJLBM	A secondary male contributor was detected on Item 3 - epithelial fraction in both autosomal and Y-chromosome analyses. All extraction blanks and negative controls gave no detectable alleles. It is believed to be an isolated incident of contamination from a male lab personnel. Appropriate corrective actions have been taken. Also, I could not perform a microscopic sperm search due to the sample not adhering to the microscope slide despite numerous washings of the pellet. I am curious to know if any other participants may have observed the same thing.
DJMGWB	Item3 : mtDNA is not tested because this sample considered mixed source.
DNMYG3	The minor component of the epithelial fraction of item 3 was consistent with the unknown male DNA profile obtained from the sperm fraction of item 3
DPXKT6	MiniFiler results are consistent with Identifiler Plus results (at the corresponding loci).
DRNMZD	NR= No Results
DTHVY3	-- Possible additional genetic information may be present.
DVJMRU	1. The victim item 1 is not excluded as the source of the blood stain in the victim's shirt (Item 4) 2. The genetic profile recovered from the blood and semen mixture in the victim's skirt (item 3) has more than two alleles for several of the STR's analyzed, indicating the presence of cells from more than one individual. The genetic profiles of the victim and an unknown individual are included in the mixture. 3. An UNKNOWN MALE INDIVIDUAL cannot be excluded as the source of the profile obtained from the spermatic fraction recovered from the victim's skirt (item 3) 4. The suspect Item 2 can be excluded as contributor to the questioned stains item 3 and item 4. 5. We found chromosome duplication in three Y-STR loci DYS389II, DYS437 and DYS439 from suspect item 2.
DX9T9K	The skirt and shirt belongs to the victim. The suspect is excluded from the profiles obtained from the skirt Item 3 (Brent (+)), skirt Item 3 (h/s (+)) and the shirt (h/s (+)). Item 1 the victim's DNA profile control sample can be read into the mixture from the skirt Item 3 (h/s (+)) and the profile from the shirt Item 4 (h/s(+)).
EKNF4Q	Male DNA was detected (positive; 1.82ng/ul) on Item 3 using Plexor HY. Male DNA was not detected (negative) on Item 4 using Plexor HY. ^ = Allele below stochastic threshold. Identifiler differences for Item 3.1EF: D8S1179: allele 14 is not minor. CSF1PO: allele 12 is not minor. vWA: allele 17 is not below stochastic (no stochastic threshold is applied with Identifiler). Data obtained from Item 3.1EF was a mixture (major/minor with the Victim being consistent with the major) due to incomplete separation that occurred during the differential extraction.
ELDXUP	NT = Not Tested. () = Minor Type.
ELVYKY	Additional genetic activity was obtained from item CTS-14-574-4x at the FGA locus. It is called an 18 and is consistent with -8 stutter. This additional allele may indicate the presence of a second donor.
EWDNDC	The MiniFiler amplification results are concordant at all loci in common with the Identifiler Plus amplification kit. [Table 1 - Serology Screening Results: "ARD= Amylase Radial Diffusion". Table 5c & 6c - Mitochondrial DNA - HVRI and HVRII Results, Item 3: "Mixture @ STR typing; Mixtures not processed for mtDNA"]
F9P2GY	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.
FE7AMM	1. The DNA analyst only performed KM testing on item #3 and #4. 2. All other serology testings were done by an analyst in the Forensic Biology unit. 3. Loci tested via Minifiler were concordant for the same loci tested via Identifiler Plus. [From Table 1 - Serology Screening Results, Item 4: " *AP result was inconclusive, no discernable color change visible due to presence of blood."]
FNWUTK	DNA analyst did KM test. A Forensic Biologist did other screening test including KM test. [From Table1 - Serology Screening Results, Item 4: " *AP result was inconclusive, no discernable color change visible due to presence of blood"]

TABLE 8

WebCode	Additional Comments
FX47U4	NR = no DNA typing results detected at this locus. MiniFiler results for item 3, item 4, item 1, and item 2 are concordant with the Identifiler Plus results (at the corresponding loci).
G2XFLG	*HV2 length heteroplasmy was observed: C8TC6 Major, C9TC6 Minor. **16384-16390 single stranded. ***Item 3 not tested, no mtDNA protocol for testing semen.
G86RYH	The mixture of DNA identified from Item 3 (sperm and e-cell fractions) is consistent with a mixture of DNA from two individuals. The sperm fraction is consistent with a single unidentified male donor. All of the results identified from the e-cell fraction are consistent with the victim and the unidentified sperm donor. The suspect is excluded as a possible contributor of the DNA identified from Item 3. The genotypes identified from Item 4 are consistent with the known DNA profile of the victim.
G8NU6W	* Meets reporting criteria but below match criteria.
GMYCGQ	N/A = Not Applicable
GPKC4Z	HT = Hematrace
H2ER4M	Item 3 tested positive for Male DNA by Plexor HY. Item 4 tested negative for Male DNA by Plexor HY. ^ = Alleles below stochastic threshold for Identifiler Plus, * = Alleles between 50 - 99 RFUS (ID data) NR = No interpretable result. Inconclusive for semen on item Item 4 due to ALS, AP and micro test were negative, PSA, which is a presumptive test also, was positive. For Item 3.1EF in Identifiler Plus a major female was obtained at all loci; for Identifiler data a major female was obtained at all loci except TH01, D2S1338 and D5S818, alleles consistent between the two chemistries. For Item 4.1SF in Identifiler Plus, NR was reported at all loci except D18S51 where an 18^ was reported; for Identifiler data the following was reported: D8S1179 = *, D21S11 = 29, CSF1PO = *, D13S317 = 11,12, D16S539 = 13, D2S1338 = 23*, D19S433 = 15, vWA = 16, TPOX = *, D18S51 = *, Amel. = *, D5S818 = * and FGA = 20. If not listed here the results were the same as Identifiler Plus.
HKAWDU	I did not analyze the sperm fraction of Item 4 since male DNA was not detected at quantitation.
HLZH8Y	The mitochondrial DNA (mtDNA) sequence obtained from item 3 indicates the presence of a mixture of mtDNA from more than one individual. Because mixtures of mtDNA are not interpretable, no comparisons or interpretations can be performed using item 3. According to mtDNAU policy, insertions following nucleotide position 309 are not named. Instead length variants in the HV2 C-stretch area are denoted by the number of cytosine residues observed (C7 = no insertions, C8 = 309.1 C; C9 = 309.2 C; C10 = 309.3, etc.) [From Tables 6a, 6b & 6c - Mitochondrial DNA Results, HVRII: Item 1 - "C8, C9"; Item 2 - "C8, C9"; Item 4 - "C7, C8, C9"]
HPHUP2	A major contributor was determined for the e.cell fraction of Item 3 at the following loci: D8S1179, D21S11, D7S820, CSF1PO, TH01, D16S539, D2S1338, vWA, Amelogenin, D5S818, and FGA.
HUCC2D	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds
HWMPUV	N/A = Not Applicable
J8GNER	DNA analysis was performed as follows: (1) DNA extraction was performed on the Qiagen BioRobot EZ-1 Advanced XL using the EZ-1 Investigator Kit chemistry. Differential extraction performed using QIAcube. (2) Quantification was performed on the Applied Biosystems 7500 using the Applied[sic] Biosystems Quantifiler Duo Kit. (3) Amplification was performed on the AB 9700 thermal cycler. (4) Data collection and analysis done using the AB 3500-xl Genetic Analyzer and GeneMapper ID-X software. Major component of sperm fraction for item 3 reported minor component not suitable for comparisons, not included in table. Could not separate major/minor at D5S818, all alleles included for this locus.
JA9UQB	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds
JDQ7BY	Item 3 and item 4 were also analysed using the SGMPlus multiplex with increased cycle numbers. Where results were obtained these were concordant with the Identifiler results obtained.
JJD26B	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds
JUVUNE	NSD = No size data
JXEZ9V	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

TABLE 8

WebCode	Additional Comments
	be attributed to either the victim or the male donor from the sperm fraction.
K8VZCH	NR = no result
KMP7GB	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds
KPEDYM	Y-STR duplications possible at DYS389II, DYS439, and DYS437
L4N98A	[From Table 2 - STR Results, Item 4sp and Table 3 - YSTR Results, Items 1, 4e & 4sp: "NR = No Result"]
LB43BH	NR = No Result. Item 3 was inconclusive for mtDNA. A mixture was observed in the mtDNA results for Item 3. This laboratory[sic] does not interpret mtDNA mixtures. LCN YFiler results were consistent with the YFiler results for Item 3.
LEMXCP	All Serology work and DNA processing from extraction through amplification was performed by DNA Technician.
LJJZEB	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds
LKFQUK	The examiner who took this test primarily performs mitochondrial analysis, with associated nuclear analysis as needed. In this role, they have not been trained to perform differential extractions and do not report or draw conclusions from nuclear profiles from mixtures. Mitochondrial DNA analysis was not performed on Item 3, as it was determined to be a mixture in the nuclear DNA analysis.
LQ6F7H	Item 3 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
LV9QU2	INC = inconclusive. Mitochondrial DNA mixture data not interpreted per [Laboratory] Interpretation Guidelines. Therefore, mito result for Item 3 is "Inconclusive".
LZUABR	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.
MBKETN	N/A = Not Applicable
MLPEB3	Y-STR analysis was not performed on samples 1 and 4 because no male DNA was detected using Quantifiler Duo.
MQMU4J	Male DNA Detection (Plexor HY). Item 3: Male DNA detected (1.884 ng/uL). Item 4: Detection of male DNA inconclusive (0.0002475 ng/uL). ^ = Allele below stochastic threshold. NR = No interpretable result. Item 4: Semen inconclusive = the results were PSA positive only, which is used as a presumptive test for semen.
MRT9KX	1. Chelex extraction was used to extract DNA. 2. Real-Time PCR using the ABI Quantifiler Human DNA Quantification Kit was used to quantify extracted DNA. 4. AmpFISTR Identifiler Plus and YFiler PCR Kit was used for amplification. 5. Reagent blank, positive control and negative control were carried out along with the analysis.
MTZT37	NR = No results. NT = Not tested.
MZ7EYF	[] = minor contributor. NT = not tested.
N2ZQRE	Mitochondrial + YSTR testing not performed at this lab.
N38PM3	No result reported for Item 2 DYS391 due to presence of anomalous peak believed to be amplification artifact. Result will continue to be investigated.
N4L66B	The results generated from item 3 are consistent with a mixture of DNA from two individuals. Item 1 (victim) cannot be excluded as a contributor to the DNA identified from Item 3; Item 2 (suspect) is excluded as a contributor to the DNA identified from Item 3. The results generated from item 4 are consistent with the DNA profile from item 1 (victim). Item 2 (suspect) is excluded as being a contributor to the DNA identified from Item 4.
NC8KFR	Probable chromosomal duplication observed in Y-STR amplification of Item 2. DYS389II, DYS439 and DYS437 each contained heterozygote alleles 1 repeat unit apart and displaying good peak balance. Possible duplication of DYS389I also observed based upon 13 allele peak height being ~2x larger than

TABLE 8

WebCode	Additional Comments
	the rest of the profile.
NEXLLF	[From Table 3 - YSTR Results, Item 4: "No Profile"]
NMVZY3	Item 1 was not analyzed for Y-STR DNA so the fields were not filled in. There was no Y-STR profile obtained for item 4 so the fields were not filled in.
NT2VH3	No results were obtained for Yfiler analysis on item 4.
NTK6HB	NR = No Result. All screening tests were performed by forensic biology. [From Table 1 - Serology Screening Results, Item 4: " *AP result was inconclusive, no discernable color change visible due to presence of blood"]
P6CMJG	Item 3 is a mixture. Mitochondrial DNA analysis is not conducted on mixtures.
PD7QVQ	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.
PQBYKV	A major was deduced in the e. cell fraction of Item 3 at the following locations: D8S1179, D21S11, D7S820, CSF1PO, TH01, D16S539, D2S1338, vWA, AMEL., D5S818 and FGA.
PWDACL	[Name] acted as the technician for serology, extraction, quantitation, and amplification.
PYX482	Items 1 and 2 were run with PowerPlex16HS amplification kit. Items 3 and 4 were run with Identifiler Plus amplification kit.
Q8BDDA	INC - Inconclusive for the presence of alleles. * - Inconclusive for the presence of additional allele(s). Due to the lack of total DNA in the epithelial fraction of item three, it was only amplified with Identifiler Plus. The resulting profile was deemed inconclusive due to low level. Victim is excluded as the source of the DNA profile obtained from the sperm fraction of item 3.
QL8PMY	The mtDNA sequence obtained from item 3 indicates the presence of a mixture of mtDNA from more than one individual. Because mixtures of mtDNA are not interpretable, no comparisons or interpretations can be performed using item 3. Participant's note concerning boxes (either with 0 or empty): -Box filled with 0 indicates that the related marker gave no allele for that item. -Empty box indicates that no experiment was performed on that marker. Participant's note concerning sequence deviations: -The "xxx.1" designation refers to an insertion after the base "xxx"; for example, "309.1" refers to an insertion after base "309".
QM9TMM	The selection of screening tests performed is the discretion of the analyst per laboratory policy.
QQKKAN	Please note: the Y-filer profile for Item 2 yielded two-peak patterns at the following markers in addition to DYS385: DYS389II, DYS439 and DYS437. According to SWGDAM YSTR guidelines approved January 9, 2014, "3.1.3 The proximity of certain loci on the Y-chromosome allows for the simultaneous duplication of alleles at multiple loci. As an example, multi-locus duplications at the closely spaced loci DYS437, DYS439 and/or DYS389I/II are reported within haplotypes in the U.S. Y-STR Database, as are multi-locus duplications at the closely spaced DYS439 and DYS635."
QTUFCE	Item 3 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
QU4NVY	1.) Item 3 was processed with the vortex elution method; EF = epithelial fraction, SF = sperm fraction.
QYJD29	Interpretation guidelines: NID means No interpretable data. US means Un-interpretable signal.
REWW4F	^ = Allele bellow[sic] stochastic threshold (200 rfus). NR = No interpretable result. [] = Minor allele. The minor component in Item 3.1-EF is consistent with the single source profile in Item 3.1-SF.
RM394C	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds
RNVMBV	RSID-Saliva = Rapid Stain Identification Test for Saliva. NR = No Result. INC = Inconclusive. Per [Laboratory's] mitochondrial DNA interpretation guidelines, mixture data are reported as inconclusive. Therefore, mitochondrial DNA data from Item 3 is reported as inconclusive.
RVCW3Y	1. The Alternative Light Source (ALS) test of questioned stain was performed by Rofin Polilight® PL500

TABLE 8

WebCode	Additional Comments
	using the light wavelength at 530nm for blood stains, 555nm for semen stains, 450nm for saliva stains and viewed with orange goggles. 2. Based on the ALS test, we found that item#3 contained mixture of blood and semen, and item#4 contained no mixture (blood only). For item#3, differential extraction was performed according to the laboratory Standard Operating Procedure (SOP), followed by QIAamp DNA Micro Kit extraction method as indicated by the manufacturer. Meanwhile, item#4 was extracted by using QIAamp DNA Micro Kit as indicated by the manufacturer. 3. All of the extracted DNA were quantified using Quantifiler® Human DNA Quantification Kit through 7500 Real Time PCR (Applied Biosystems) according to the SOP. 4. Multiplex PCR for STR and Y-STR analysis were done by using PowerPlex® 21 System and PowerPlex® Y23 System (Promega), respectively. 5. DNA sequence analysis for hypervariable regions (HVR) of human mitochondrial DNA were carried out by using BigDye Terminator v3.1 Cycle Sequencing Kit. 6. Capillary electrophoresis was carried out through AB 3130 xl Genetic Analyzer (Applied Biosystems) for both multiplex PCR and cycle sequencing. 7. Genotype analysis was performed by using GeneMapper ID version 3.2.1 software (Applied Biosystems), while HVR analysis was performed by using Sequencing Analysis v5.2 (Applied Biosystems).
RYYRK3	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds
T3BJ9A	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds
T7R4GE	Extra alleles in sperm cell fraction consistent w/ carryover from Epithelial cell fraction.
TAX6MN	Analysis of the mixed DNA profile obtained from the epithelial fraction of item 3 indicated that two individuals, a male and a female, had contributed DNA to this sample. The male DNA profile where results were determined, corresponded to the male DNA profile obtained from the analysis of the sperm fraction. For Item 4, no male DNA was detected in a male specific quantitation test or at analysis using the Identifiler multiplex therefore this extract was not analysed using PowerPlex Y.
TLKZE3	Please note that two screening tests were performed on Item 3. Tests for possible blood and possible semen were done. Both of these stains were then submitted into the DNA process, therefore two profiles were obtained for Item 3.
TUJEP4	All alleles above our laboratory's level of detection are reported. Minor alleles in the epithelial fraction of sample #3 are not marked or indicated.
TZ4PKK	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.
U92GTE	Plexor HY Results: Item #3: Positive for male DNA. Item #4: Negative for male DNA. NR = No interpretable result. Part III [Table 7]: DNA Interpretation was not completed because data was generated by a non-reporting DNA technician. This individual does not interpret DNA results on casework.
UCFB9B	Male DNA Detection (Plexor HY). Item 3: Male DNA detected (2.350 ng/uL). Item 4: Inconclusive for semen (P30 positive only); Detection of male DNA inconclusive (0.0001292 ng/uL - below detection limit). NR = No interpretable result. ^ = Allele below stochastic threshold.
UFB2MA	Minifiler and Low Copy Number (LCN) Y-Filer testing were performed[sic] on Item 3 and Item 4. The results of this testing was concordant with the respective Identifiler and Y-Filer results for each Item. Item 3 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
UL7CU9	YSTR & mtDNA not performed in this laboratory.
UQBMT9	NT = not tested. NR = no result.
UQE8M4	Attempts were made to submit results via the CTS portal but the Y-STR results did not appear for Item 3 once the results were at the Admin review step. As a result of the Y-STR results missing on the portal for Item 3 the results are being faxed to CTS on 8/29/14.
UQFXV8	Since the autosomal results show a single source profile, the Y-STR results for Item 2 indicate possible gene duplication at DYS389II, DYS439, and DYS437. See Bulter et al. (JFS 2005).
VDMZZM	No STR results were obtained for the substrate controls (Items 3sc-sf, 3sc-nsf, 4sc).

TABLE 8

WebCode	Additional Comments
VJ834H	NR - Tested with no results obtained
WAZUTB	Items 3 and 4 each tested negative for both urine (creatinine and DMAC tests) and feces (urobilinogen test). Items 3 and 4 each tested positive for human with the species crossover test.
WGJCQX	locus duplication observed at DYS389II, DYS439, and DYS437. Sample was reamped and result was reproducible.
WJKZNT	Items 1 & 2 were analyzed using the PowerPlex16HS amplification kit. Items 3 & 4 were analyzed using the Identifiler Plus amplification kit.
WMNBXG	NR=no results
WPWXHV	All MiniFiler results are concordant with the reported Identifiler Plus results.
X2NYM9	Male DNA Detection (Plexor HY System): Item 3: Male DNA detected; Item 4: No male DNA detected. ^ = Allele below stochastic threshold (Identifiler Plus Kit). * = Allele below threshold (Identifiler Kit). Incomplete separation of a differential extraction of Item 3 using both Identifiler and Identifiler Plus kits was observed. While a complete full single-source profile was obtained from the sperm fractions, a mixture was obtained from the epithelial fractions of this item. Differences in results observed using Identifiler D2S1338 22,23,[*]; D5S818: 11,12,13; D7S820: [9],10,11; D8S1179: 10,13,[14]; D21S11: 29,30.2,[*]; Amelo: X[Y]; TH01: 7,8,[9]; vWA: 16,[17],[18].
X7H7B4	Sexual assault cases are screened in the forensic biology section prior to being transferred to the DNA section, tests for semen were performed by Forensic Biology. Minifiler results were concordant with Identifiler Plus results.
X92X98	Mitochondrial DNA sequencing is not conducted on mixed body fluid samples like Item 3.
XAXZQ2	The results are consistent with the victim (item #1) being the source of the DNA profile from item #4. The victim is included as a contributor to the DNA profile from item #3 (ep) fraction). The victim is eliminated as the source of the DNA profile from item 3 (sp fraction). The suspect is eliminated as the source of the DNA profile from item 3 (sp fraction) and item #4. The suspect is eliminated as a contributor to the DNA profile from item #3 (e fraction). The screening test results in Part 1 [Table 1] were generated by a forensic biology analyst. [From Table 1 - Serology Screening Results, Item 4: " *AP result was inconclusive, no discernible color change visible due to presence of blood"]
XJ3FP2	Three duplications noted in Suspect known sample.
XMLYZC	DNA Analysis was performed as follows: 1) Differential separation using Qiagen's QIAcube when applicable, Extraction with the Qiagen BioRobot EZ-1 Advanced XL using the EZ-1 Investigator Kit chemistry. 2) Quantification on the AB 7500 using QuantDuo Kit. 3) Amplification on the AB 9700 thermal cycler, 32 cycles, using Promega PowerPlex 16. 4) Data Collection and Analysis using the AB 3500xl Genetic Analyzer and GeneMapper ID-X software. Data Interpretation Comments: Item 1-4-3, Alleles reported for the major component only. Minor component not suitable for comparisons.
XRLJYP	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.
XZB2XB	Possible locus duplications observed at DYS389II, DYS439, DYS437.
Y7UKVJ	Y-STR interpretations not reported; results for database purposes only.
YBMPNM	Item 2 Y-STR profile appears to have a duplication at loci DYS389II, DYS439, and DYS437.
YE68QZ	* Inconclusive for the presence of additional allele(s). INC Inconclusive for the presence of allele(s). For Item 3, the victim is excluded from the sperm fraction and any comparison to the epithelial fraction is inconclusive.
YE8GX6	For item #3 allele calls, "[]" = indicates minor allele(s) and alleles between analytical and stochastic thresholds
YEMAMZ	[n*] indicates allele below laboratory's reporting threshold.
YHJZMK	1) Item 1 to Item 4 were extracted using Chelex extraction method. 2) Item 1 to Item 4 were quantified

TABLE 8

WebCode	Additional Comments
	using the Quantifiler Human DNA Quantification Kit, carried out by 7500 Real Time PCR (RT-PCR). 3) Amplification was done using the AmpFISTR Identifiler Plus Kit on Item 1 to Item 4. 4) Y-STR was carried out using Y-Filer PCR Kit on Item 1 to Item 4. 5) Electrophoresis was carried out using 3130xl Genetic Analyzer. 6) Reagent Blank, Positive Control and Negative Control were carried out along with the analysis.
YXHTK9	NR = No interpretable result. ^ = Allele below stochastic threshold.
YZMBTC	N/A = Not Applicable
Z2V32J	N/T indicates testing not performed.
Z9XFC2	NR = No Results. Sexual assault cases are screened in the Forensic Biology unit prior to being transferred to the DNA unit. Items #3 & #4 were serologically tested by Forensic Biology. Known performed by the DNA analyst. [From Table 1 - Serology Screening Results, Item 4: "AP* = result was inconclusive, no discernable color change visible due to presence of blood."]
ZD282J	Item number 2 (Known blood from the suspect) generated an unusual Y-STR DNA profile, consisting of 4 loci with heterozygous alleles. The autosomal DNA profile generated is indicative of a single source sample. A second suspect sample was requested from CTS. The second sample generated the same Y-STR profile with 4 loci having heterozygous alleles.
ZWKY9V	Item 3 is being reported as inconclusive in mtDNA due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures. DNA interpretations of Item 2 to Item 3 are based on Y-STR results only. All Items were tested in Y-filer. In addition, Item 3 was also tested using our laboratory's LCN-Y protocols. For Item 3 all data was consistent between the Y- filer and LCN-Y protocols.

TABLE 8

WebCode	Additional Comments
	be attributed to either the victim or the male donor from the sperm fraction.
K8VZCH	NR = no result
KMP7GB	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds
KPEDYM	Y-STR duplications possible at DYS389II, DYS439, and DYS437
L4N98A	[From Table 2 - STR Results, Item 4sp and Table 3 - YSTR Results, Items 1, 4e & 4sp: "NR = No Result"]
LB43BH	NR = No Result. Item 3 was inconclusive for mtDNA. A mixture was observed in the mtDNA results for Item 3. This laboratory[sic] does not interpret mtDNA mixtures. LCN YFiler results were consistent with the YFiler results for Item 3.
LEMXCP	All Serology work and DNA processing from extraction through amplification was performed by DNA Technician.
LJJZEB	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds
LKFQUK	The examiner who took this test primarily performs mitochondrial analysis, with associated nuclear analysis as needed. In this role, they have not been trained to perform differential extractions and do not report or draw conclusions from nuclear profiles from mixtures. Mitochondrial DNA analysis was not performed on Item 3, as it was determined to be a mixture in the nuclear DNA analysis.
LQ6F7H	Item 3 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
LV9QU2	INC = inconclusive. Mitochondrial DNA mixture data not interpreted per [Laboratory] Interpretation Guidelines. Therefore, mito result for Item 3 is "Inconclusive".
LZUABR	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.
MBKETN	N/A = Not Applicable
MLPEB3	Y-STR analysis was not performed on samples 1 and 4 because no male DNA was detected using Quantifiler Duo.
MQMU4J	Male DNA Detection (Plexor HY). Item 3: Male DNA detected (1.884 ng/uL). Item 4: Detection of male DNA inconclusive (0.0002475 ng/uL). ^ = Allele below stochastic threshold. NR = No interpretable result. Item 4: Semen inconclusive = the results were PSA positive only, which is used as a presumptive test for semen.
MRT9KX	1. Chelex extraction was used to extract DNA. 2. Real-Time PCR using the ABI Quantifiler Human DNA Quantification Kit was used to quantify extracted DNA. 4. AmpFISTR Identifiler Plus and YFiler PCR Kit was used for amplification. 5. Reagent blank, positive control and negative control were carried out along with the analysis.
MTZT37	NR = No results. NT = Not tested.
MZ7EYF	[] = minor contributor. NT = not tested.
N2ZQRE	Mitochondrial + YSTR testing not performed at this lab.
N38PM3	No result reported for Item 2 DYS391 due to presence of anomalous peak believed to be amplification artifact. Result will continue to be investigated.
N4L66B	The results generated from item 3 are consistent with a mixture of DNA from two individuals. Item 1 (victim) cannot be excluded as a contributor to the DNA identified from Item 3; Item 2 (suspect) is excluded as a contributor to the DNA identified from Item 3. The results generated from item 4 are consistent with the DNA profile from item 1 (victim). Item 2 (suspect) is excluded as being a contributor to the DNA identified from Item 4.
NC8KFR	Probable chromosomal duplication observed in Y-STR amplification of Item 2. DYS389II, DYS439 and DYS437 each contained heterozygote alleles 1 repeat unit apart and displaying good peak balance. Possible duplication of DYS389I also observed based upon 13 allele peak height being ~2x larger than

TABLE 8

WebCode	Additional Comments
	the rest of the profile.
NEXLLF	[From Table 3 - YSTR Results, Item 4: "No Profile"]
NMVZY3	Item 1 was not analyzed for Y-STR DNA so the fields were not filled in. There was no Y-STR profile obtained for item 4 so the fields were not filled in.
NT2VH3	No results were obtained for Yfiler analysis on item 4.
NTK6HB	NR = No Result. All screening tests were performed by forensic biology. [From Table 1 - Serology Screening Results, Item 4: " *AP result was inconclusive, no discernable color change visible due to presence of blood"]
P6CMJG	Item 3 is a mixture. Mitochondrial DNA analysis is not conducted on mixtures.
PD7QVQ	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.
PQBYKV	A major was deduced in the e. cell fraction of Item 3 at the following locations: D8S1179, D21S11, D7S820, CSF1PO, TH01, D16S539, D2S1338, vWA, AMEL., D5S818 and FGA.
PWDACL	[Name] acted as the technician for serology, extraction, quantitation, and amplification.
PYX482	Items 1 and 2 were run with PowerPlex16HS amplification kit. Items 3 and 4 were run with Identifiler Plus amplification kit.
Q8BDDA	INC - Inconclusive for the presence of alleles. * - Inconclusive for the presence of additional allele(s). Due to the lack of total DNA in the epithelial fraction of item three, it was only amplified with Identifiler Plus. The resulting profile was deemed inconclusive due to low level. Victim is excluded as the source of the DNA profile obtained from the sperm fraction of item 3.
QL8PMY	The mtDNA sequence obtained from item 3 indicates the presence of a mixture of mtDNA from more than one individual. Because mixtures of mtDNA are not interpretable, no comparisons or interpretations can be performed using item 3. Participant's note concerning boxes (either with 0 or empty): -Box filled with 0 indicates that the related marker gave no allele for that item. -Empty box indicates that no experiment was performed on that marker. Participant's note concerning sequence deviations: -The "xxx.1" designation refers to an insertion after the base "xxx"; for example, "309.1" refers to an insertion after base "309".
QM9TMM	The selection of screening tests performed is the discretion of the analyst per laboratory policy.
QQKKAN	Please note: the Y-filer profile for Item 2 yielded two-peak patterns at the following markers in addition to DYS385: DYS389II, DYS439 and DYS437. According to SWGDAM YSTR guidelines approved January 9, 2014, "3.1.3 The proximity of certain loci on the Y-chromosome allows for the simultaneous duplication of alleles at multiple loci. As an example, multi-locus duplications at the closely spaced loci DYS437, DYS439 and/or DYS389I/II are reported within haplotypes in the U.S. Y-STR Database, as are multi-locus duplications at the closely spaced DYS439 and DYS635."
QTUFCE	Item 3 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
QU4NVY	1.) Item 3 was processed with the vortex elution method; EF = epithelial fraction, SF = sperm fraction.
QYJD29	Interpretation guidelines: NID means No interpretable data. US means Un-interpretable signal.
REWW4F	^ = Allele bellow[sic] stochastic threshold (200 rfus). NR = No interpretable result. [] = Minor allele. The minor component in Item 3.1-EF is consistent with the single source profile in Item 3.1-SF.
RM394C	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds
RNVMBV	RSID-Saliva = Rapid Stain Identification Test for Saliva. NR = No Result. INC = Inconclusive. Per [Laboratory's] mitochondrial DNA interpretation guidelines, mixture data are reported as inconclusive. Therefore, mitochondrial DNA data from Item 3 is reported as inconclusive.
RVCW3Y	1. The Alternative Light Source (ALS) test of questioned stain was performed by Rofin Polilight® PL500

TABLE 8

WebCode	Additional Comments
	using the light wavelength at 530nm for blood stains, 555nm for semen stains, 450nm for saliva stains and viewed with orange goggles. 2. Based on the ALS test, we found that item#3 contained mixture of blood and semen, and item#4 contained no mixture (blood only). For item#3, differential extraction was performed according to the laboratory Standard Operating Procedure (SOP), followed by QIAamp DNA Micro Kit extraction method as indicated by the manufacturer. Meanwhile, item#4 was extracted by using QIAamp DNA Micro Kit as indicated by the manufacturer. 3. All of the extracted DNA were quantified using Quantifiler® Human DNA Quantification Kit through 7500 Real Time PCR (Applied Biosystems) according to the SOP. 4. Multiplex PCR for STR and Y-STR analysis were done by using PowerPlex® 21 System and PowerPlex® Y23 System (Promega), respectively. 5. DNA sequence analysis for hypervariable regions (HVR) of human mitochondrial DNA were carried out by using BigDye Terminator v3.1 Cycle Sequencing Kit. 6. Capillary electrophoresis was carried out through AB 3130 xl Genetic Analyzer (Applied Biosystems) for both multiplex PCR and cycle sequencing. 7. Genotype analysis was performed by using GeneMapper ID version 3.2.1 software (Applied Biosystems), while HVR analysis was performed by using Sequencing Analysis v5.2 (Applied Biosystems).
RYYRK3	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds
T3BJ9A	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds
T7R4GE	Extra alleles in sperm cell fraction consistent w/ carryover from Epithelial cell fraction.
TAX6MN	Analysis of the mixed DNA profile obtained from the epithelial fraction of item 3 indicated that two individuals, a male and a female, had contributed DNA to this sample. The male DNA profile where results were determined, corresponded to the male DNA profile obtained from the analysis of the sperm fraction. For Item 4, no male DNA was detected in a male specific quantitation test or at analysis using the Identifiler multiplex therefore this extract was not analysed using PowerPlex Y.
TLKZE3	Please note that two screening tests were performed on Item 3. Tests for possible blood and possible semen were done. Both of these stains were then submitted into the DNA process, therefore two profiles were obtained for Item 3.
TUJEP4	All alleles above our laboratory's level of detection are reported. Minor alleles in the epithelial fraction of sample #3 are not marked or indicated.
TZ4PKK	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.
U92GTE	Plexor HY Results: Item #3: Positive for male DNA. Item #4: Negative for male DNA. NR = No interpretable result. Part III [Table 7]: DNA Interpretation was not completed because data was generated by a non-reporting DNA technician. This individual does not interpret DNA results on casework.
UCFB9B	Male DNA Detection (Plexor HY). Item 3: Male DNA detected (2.350 ng/uL). Item 4: Inconclusive for semen (P30 positive only); Detection of male DNA inconclusive (0.0001292 ng/uL - below detection limit). NR = No interpretable result. ^ = Allele below stochastic threshold.
UFB2MA	Minifiler and Low Copy Number (LCN) Y-Filer testing were performed[sic] on Item 3 and Item 4. The results of this testing was concordant with the respective Identifiler and Y-Filer results for each Item. Item 3 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
UL7CU9	YSTR & mtDNA not performed in this laboratory.
UQBMT9	NT = not tested. NR = no result.
UQE8M4	Attempts were made to submit results via the CTS portal but the Y-STR results did not appear for Item 3 once the results were at the Admin review step. As a result of the Y-STR results missing on the portal for Item 3 the results are being faxed to CTS on 8/29/14.
UQFXV8	Since the autosomal results show a single source profile, the Y-STR results for Item 2 indicate possible gene duplication at DYS389II, DYS439, and DYS437. See Bulter et al. (JFS 2005).
VDMZZM	No STR results were obtained for the substrate controls (Items 3sc-sf, 3sc-nsf, 4sc).

TABLE 8

WebCode	Additional Comments
VJ834H	NR - Tested with no results obtained
WAZUTB	Items 3 and 4 each tested negative for both urine (creatinine and DMAC tests) and feces (urobilinogen test). Items 3 and 4 each tested positive for human with the species crossover test.
WGJCQX	locus duplication observed at DYS389II, DYS439, and DYS437. Sample was reamped and result was reproducible.
WJKZNT	Items 1 & 2 were analyzed using the PowerPlex16HS amplification kit. Items 3 & 4 were analyzed using the Identifiler Plus amplification kit.
WMNBXG	NR=no results
WPWXHV	All MiniFiler results are concordant with the reported Identifiler Plus results.
X2NYM9	Male DNA Detection (Plexor HY System): Item 3: Male DNA detected; Item 4: No male DNA detected. ^ = Allele below stochastic threshold (Identifiler Plus Kit). * = Allele below threshold (Identifiler Kit). Incomplete separation of a differential extraction of Item 3 using both Identifiler and Identifiler Plus kits was observed. While a complete full single-source profile was obtained from the sperm fractions, a mixture was obtained from the epithelial fractions of this item. Differences in results observed using Identifiler D2S1338 22,23,[*]; D5S818: 11,12,13; D7S820: [9],10,11; D8S1179: 10,13,[14]; D21S11: 29,30.2,[*]; Amelo: X[Y]; TH01: 7,8,[9]; vWA: 16,[17],[18].
X7H7B4	Sexual assault cases are screened in the forensic biology section prior to being transferred to the DNA section, tests for semen were performed by Forensic Biology. Minifiler results were concordant with Identifiler Plus results.
X92X98	Mitochondrial DNA sequencing is not conducted on mixed body fluid samples like Item 3.
XAXZQ2	The results are consistent with the victim (item #1) being the source of the DNA profile from item #4. The victim is included as a contributor to the DNA profile from item #3 (ep) fraction). The victim is eliminated as the source of the DNA profile from item 3 (sp fraction). The suspect is eliminated as the source of the DNA profile from item 3 (sp fraction) and item #4. The suspect is eliminated as a contributor to the DNA profile from item #3 (e fraction). The screening test results in Part 1 [Table 1] were generated by a forensic biology analyst. [From Table 1 - Serology Screening Results, Item 4: " *AP result was inconclusive, no discernible color change visible due to presence of blood"]
XJ3FP2	Three duplications noted in Suspect known sample.
XMLYZC	DNA Analysis was performed as follows: 1) Differential separation using Qiagen's QIAcube when applicable, Extraction with the Qiagen BioRobot EZ-1 Advanced XL using the EZ-1 Investigator Kit chemistry. 2) Quantification on the AB 7500 using QuantDuo Kit. 3) Amplification on the AB 9700 thermal cycler, 32 cycles, using Promega PowerPlex 16. 4) Data Collection and Analysis using the AB 3500xl Genetic Analyzer and GeneMapper ID-X software. Data Interpretation Comments: Item 1-4-3, Alleles reported for the major component only. Minor component not suitable for comparisons.
XRLJYP	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.
XZB2XB	Possible locus duplications observed at DYS389II, DYS439, DYS437.
Y7UKVJ	Y-STR interpretations not reported; results for database purposes only.
YBMPNM	Item 2 Y-STR profile appears to have a duplication at loci DYS389II, DYS439, and DYS437.
YE68QZ	* Inconclusive for the presence of additional allele(s). INC Inconclusive for the presence of allele(s). For Item 3, the victim is excluded from the sperm fraction and any comparison to the epithelial fraction is inconclusive.
YE8GX6	For item #3 allele calls, "[]" = indicates minor allele(s) and alleles between analytical and stochastic thresholds
YEMAMZ	[n*] indicates allele below laboratory's reporting threshold.
YHJZMK	1) Item 1 to Item 4 were extracted using Chelex extraction method. 2) Item 1 to Item 4 were quantified

TABLE 8

WebCode	Additional Comments
	using the Quantifiler Human DNA Quantification Kit, carried out by 7500 Real Time PCR (RT-PCR). 3) Amplification was done using the AmpFISTR Identifiler Plus Kit on Item 1 to Item 4. 4) Y-STR was carried out using Y-Filer PCR Kit on Item 1 to Item 4. 5) Electrophoresis was carried out using 3130xl Genetic Analyzer. 6) Reagent Blank, Positive Control and Negative Control were carried out along with the analysis.
YXHTK9	NR = No interpretable result. ^ = Allele below stochastic threshold.
YZMBTC	N/A = Not Applicable
Z2V32J	N/T indicates testing not performed.
Z9XFC2	NR = No Results. Sexual assault cases are screened in the Forensic Biology unit prior to being transferred to the DNA unit. Items #3 & #4 were serologically tested by Forensic Biology. Known performed by the DNA analyst. [From Table 1 - Serology Screening Results, Item 4: "AP* = result was inconclusive, no discernable color change visible due to presence of blood."]
ZD282J	Item number 2 (Known blood from the suspect) generated an unusual Y-STR DNA profile, consisting of 4 loci with heterozygous alleles. The autosomal DNA profile generated is indicative of a single source sample. A second suspect sample was requested from CTS. The second sample generated the same Y-STR profile with 4 loci having heterozygous alleles.
ZWKY9V	Item 3 is being reported as inconclusive in mtDNA due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures. DNA interpretations of Item 2 to Item 3 are based on Y-STR results only. All Items were tested in Y-filer. In addition, Item 3 was also tested using our laboratory's LCN-Y protocols. For Item 3 all data was consistent between the Y- filer and LCN-Y protocols.

Appendix: Data Sheet

Collaborative Testing Services ~ Forensic Testing Program

Test No. 14-574: Forensic Biology

DATA MUST BE RECEIVED BY September 2, 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 of a woman that occurred while she was walking through her community. The investigators are submitting stains from the victim's skirt and shirt for analysis along with blood samples of the female victim and the male suspect.

Items Submitted (Sample Pack B4):

- Item 1: Known blood from the victim.
- Item 2: Known blood from the suspect.
- Item 3: Questioned stain from the victim's skirt. (white material with green polka dots)
- Item 4: Questioned stain from the victim's shirt. (green 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	e	10,11	15,16	8	12,13	7	8
	sp	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 <i>September 02, 2014</i> to be included in the report.</p> <p>QUESTIONS? TEL: +1-571-434-1925 (8 am - 4:30 pm EST) EMAIL: forensics@cts-interlab.com www.ctsforensics.com</p>	<p>Participant Code:</p> <p>ONLINE DATA ENTRY: www.cts-portal.com FAX: +1-571-434-1937 or Toll-Free: 1-866-FAX-2CTS (329-2287) MAIL: Collaborative Testing Services, Inc. P.O. Box 650820 Sterling, VA 20165-0820 USA</p>
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Please return all pages of this data sheet.

RELEASE OF DATA TO ACCREDITATION BODIES

The following Accreditation Releases will apply only to:

Participant Code:

WebCode:

for Test No. **14-574: Forensic Biology**

This release page must be completed and received by **September 2, 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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