Collaborative Testing Services, Inc
FORENSIC TESTING PROGRAM

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Forensic Biology Test No. 24-5703
Summary Report

Each participant received a sample set consisting of two known bloodstains and two questioned stains which they were asked to analyze using their existing protocols. Data were returned from 378 participants 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 set consisted of two known bloodstains on FTA™ Micro Cards (Items 1 and 2) and two questioned stains on colored fabric (Items 3 and 4). Participants were asked to analyze these items using their existing protocols.

SAMPLE PREPARATION: The stains on Items 1-4 were prepared using human whole blood which was either drawn into citric acid preservative bags or EDTA tubes. Item 1 (75 µL) was created using blood from a female donor. Item 2 (75 µL) was created using blood from a male donor. Item 3 (50 µL) was created using a 1:1 mixture of blood from the female donor used in Item 1 and blood from the male donor used in Item 2. Item 4 (50 µL) was created using a 1:1 mixture of blood from the female donor used in Item 1 and blood from a male donor whose known standard was not provided. 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 April 15, 2024 following completion of the verification stage.

SAMPLE SET ASSEMBLY: For each sample set, all Items (1-4) were packaged into separate envelopes and then placed together in a pre-labeled sample set envelope and sealed. The sealed sample set envelopes were then packaged in pre-labeled heat seal envelopes and sealed. This process was repeated until all of the sample sets were prepared.

VERIFICATION: Predistribution results were consistent with each other and the manufacturer's preparation information. Consistent allelic results were reported for all STR and YSTR loci.

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Manufacturer's Information, continued

Amelogenin and STR Results

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

Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
1	15,16.3	17,25	14,14	16,16	11,13	*
	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26	11,12	5,15	28.2,28.2	7,9.3	11,11
	15,16	NM	NM	NM	NM	
2	12,17	24,24	11,14	15,17	11,12	*
	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16,16	10	17	16	2	
3	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	*
	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16	2	
4	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	*
	8,10,12,13	14,14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15	2	

YSTR Results

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

Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11	13	17	16	18	21	10	11
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11	13	17	16	18	21	10	11
4	37,39	15	15,18	13	30	21	10	11	14
	14	11	12	21	27	15	17	11	28
	38	11	11	18	15	17	21	12	12

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

NM - Non-Male profile, YSTR results not expected.

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Summary Comments

This test was designed to allow participants to assess their proficiency in the analysis and comparison of dried stains by means of body fluid screening and/or DNA profiling. Participants were supplied with two "known" bloodstains (Items 1 and 2) and two "questioned" stains (Items 3 and 4). Item 1 was created using blood from a female donor. Item 2 was created using blood from a male donor. Item 3 was created using a mixture of blood from the female donor used in Item 1 and blood from the male donor used in Item 2. Item 4 was created using a mixture of blood from the female donor used in Item 1 and blood from a male donor whose known standard was not provided. Refer to the Manufacturer's Information for preparation details.

Data were returned by 378 participants.

Screening Test Results
Screening results for body fluids were returned by a total of 358 participants. However, not all of these participants returned screening results for each fluid type for both questioned items.

For Item 3, all participants reported "Positive" for the presence of blood. For the presence of semen and saliva, all participants reported "Negative." For Human Origin, all participants reported "Positive." For Y Screening, all but one participant reported "Positive." The remaining participant reported "Negative."

For Item 4, all participants reported "Positive" for the presence of blood. For the presence of semen, all but one participant reported "Negative." The remaining participant reported "Inconclusive." For the presence of saliva, all participants reported "Negative." For Human Origin and Y-Screening, all participants reported "Positive."

DNA Analysis
For STR results, the majority of participants reported consistent results. Seventeen participants reported inconsistent results for one or more items.

For YSTR results, all participants reported consistent results with the exception of one participant.

DNA Interpretations
Of the 359 participants that returned DNA results, 340 reported DNA interpretations. Ten participants selected the "No Interpretation" option for each conclusion, eight stated the samples were analyzed for database purposes only, and one did not respond.

For Item 3, all participants included both the victim (Item 1) and the suspect (Item 2) as possible contributors to the stain.

For Item 4, all participants included the victim (Item 1) and excluded the suspect (Item 2) as possible contributors to the stain.

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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 benzidine	PTMB
Prostate Specific Antigen	PSA
Quantiblot	QB
Quantifiler	QF
Tetramethyl benzidine	TMB

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Serology Screening Results

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

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
24HYDK	Pos PTMB	Pos PTMB
24Y4VH	Pos KM	Pos KM
28MBKL	Pos LMG, HemaTrace	Pos LMG, HemaTrace
2ANR8F	Pos O-tol	Pos O-tol
2BFNWA	Pos Hemophan, BioLine	Pos Hemophan, BioLine
2JBQYL	Pos KM, HemaTrace	Pos KM, HemaTrace
2JUMC7	Pos KM	Pos KM
2LKLQ6	Pos LMG	Pos LMG
2MWXFG	Pos LMG, HemaTrace, Oucht.	Pos LMG, HemaTrace, Oucht.
2PZ4Z9	Pos Hemastix	Pos Hemastix
2Y6D8Y	Pos KM	Pos KM
376Y28	Pos KM	Pos KM
37K84F	Pos KM, HemaTrace	Pos KM, HemaTrace
3EG37K	Pos KM	Pos KM
3EUHBL	Pos KM	Pos KM
3G82KJ	Pos KM	Pos KM
3HDQK8	Pos LMG	Pos LMG
3MTY97	Pos KM	Pos KM
3R3EHU	Pos KM, HEM	Pos KM, HEM
3XCGH6	Pos Hemastix	Pos Hemastix
3XDAHX	Pos KM, HemaTrace	Pos KM, HemaTrace
3ZXGJ7	Pos LMG	Pos LMG
427X84	Pos KM	Pos KM
47F8GL	Pos KM	Pos KM
47KGPK	Pos KM	Pos KM
4A6E6N	Pos KM, HemaTrace	Pos KM, HemaTrace
4DZ7DL	Pos Luminol, KM	Pos Luminol, KM
4LUB62	Pos LMG	Pos LMG
4N2T6H	Pos KM	Pos KM
4NM8UV	Pos KM, HemaTrace	Pos KM, HemaTrace
4RH8KC	Pos KM, TMB	Pos KM, TMB

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TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
4V2YWE	Pos O-tol; HemaTrace	Pos O-tol; HemaTrace
4WUWF7	Pos HemDirect	Pos HemDirect
4XRE9V	Pos KM, Seratec Hemdirect	Pos KM, Seratec Hemdirect
4YEYT7	Pos KM, HemaTrace	Pos KM, HemaTrace
66NBRR	Pos KM, HemaTrace	Pos KM, HemaTrace
66YGNT	Pos KM, HemaTrace	Pos KM, HemaTrace
69NLNR	Pos KM, HemaTrace	Pos KM, HemaTrace
6DFXG3	Pos Hemastix	Pos Hemastix
6DW3WF	Pos KM, HemaTrace	Pos KM, HemaTrace
6GGPXF	Pos KM	Pos KM
6JP66L	Pos LMG	Pos LMG
6LBQX9	Pos KM	Pos KM
6MJ9NR	Pos KM	Pos KM
6RWTUD	Pos KM	Pos KM
6RYFCR	Pos KM	Pos KM
72HEDG	Pos KM, HemaTrace	Pos KM, HemaTrace
72XQ4Y	Pos LMG	Pos LMG
784AG7	Pos KM	Pos KM
79GU9F	Pos KM, HemaTrace	Pos KM, HemaTrace
7GCRZP	Pos Hemastix (TMB), HemaTrace	Pos Hemastix (TMB), HemaTrace
7NWTF3	Pos KM	Pos KM
7QY324	Pos Hemastix	Pos Hemastix
7VEBP4	Pos KM; HemaTrace	Pos KM; HemaTrace
7YA2VE	Pos O-tol, HemaTrace	Pos O-tol
7YWHYN	Pos O-tol	Pos O-tol
7YXTZF	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
874UGE	Pos PTMB	Pos PTMB
87QKLF	Pos KM	Pos KM
87RUM6	Pos KM	Pos KM
884KVA	Pos KM, HemaTrace	Pos KM, HemaTrace
8B9463	Pos KM	Pos KM
8NQZ2Q	Pos KM, Seratec HemDirect	Pos KM, Seratec HemDirect
8NTJ93	Pos KM	Pos KM

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TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
8YTV6B	Pos LMG, HemaTrace	Pos LMG, HemaTrace
92Q9AT	Pos KM	Pos KM
92R6GH	Pos KM	Pos KM
96BB2X	Pos LMG	Pos LMG
9BGUD6	Pos	Pos
9BJCKG	Pos KM, HemaTrace	Pos KM, HemaTrace
9C8F3A	Pos LMG, HemaTrace	Pos LMG, HemaTrace
9EKDMY	Pos LMG	Pos LMG
9V67B3	Pos KM	Pos KM
9ZXCLY	Pos Hemastix	Pos Hemastix
A27N2E	Pos KM	Pos KM
A9KX3G	Pos HemaTrace	Pos HemaTrace
A9R8EA	Pos RSID for Blood	Pos RSID for Blood
AALLR8	Pos KM	Pos KM
ACLX6Y	Pos KM, HemaTrace	Pos KM, HemaTrace
AHCB7M	Pos O-tol, HemaTrace	Pos O-tol, HemaTrace
AJ6427	Pos KM, TMB	Pos KM, TMB
AJQFZE	Pos KM	Pos KM
AKDGH8	Pos O-tol, HT (HemaTrace)	Pos O-tol, HT (HemaTrace)
ALCDGH	Pos LMG	Pos LMG
AMPWC9	Pos O-tol	Pos O-tol
ANF69V	Pos LMG	Pos LMG
AQ84MT	Pos KM	Pos KM
AQ92XP	Pos KM, HEM	Pos KM, HEM
ATG6RZ	Pos KM	Pos KM
AU286Y	Pos KM, HemaTrace	Pos KM, HemaTrace
AVZ7N8	Pos KM	Pos KM
AX8NM4	Pos KM	Pos KM
AYYM22	Pos O-tol; HemDirect	Pos O-tol; HemDirect
B3FF72	Pos KM	Pos KM
B4R7HQ	Pos KM	Pos KM
B98E7Q	Pos Phenol	Pos Phenol
B9LZHD	Pos KM, Luminol	Pos KM, Luminol

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TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
BAUPPB	Pos LMG, HemaTrace	Pos LMG, HemaTrace
BDYLNY	Pos LMG	Pos LMG
BFL799	Pos KM	Pos KM
BGW9U8	Pos KM	Pos KM
BGZUQN	Pos KM, HemDirect	Pos KM, HemDirect
BLBWGP	Pos KM	Pos KM
BZ9X96	Pos KM, TMB	Pos KM, TMB
BZRVLQ	Pos KM	Pos KM
BZVDT3	Pos KM	Pos KM
C8N6E2	Pos KM	Pos KM
CCJNNL	Pos KM, HemaTrace	Pos KM, HemaTrace
CE7FLB	Pos LMG; HemaTrace	Pos LMG; HemaTrace
CJZGK4	Pos KM, HemaTrace	Pos KM, HemaTrace
CNQRV3	Pos KM	Pos KM
CQXATX	Pos KM	Pos KM
CT7YJ2	Pos KM	Pos KM
CTP6HR	Pos KM	Pos KM
CWAXUU	Pos LMG	Pos LMG
CWLPLB	Pos KM	Pos KM
D6UPBJ	Pos KM	Pos KM
DAA9LY	Pos KM	Pos KM
DBLRKA	Pos LMG	Pos LMG
DHLAYM	Pos KM	Pos KM
DLKNMC	Pos LMG	Pos LMG
DNLUXB	Pos KM, HemaTrace	Pos KM, HemaTrace
DT22LB	Pos LMG	Pos LMG
DTYGPV	Pos KM	Pos KM
DW3APL	Pos KM, HemDirect	Pos KM, HemDirect
E76ZUT	Pos HST, TAK	Pos HST, TAK
E77KWB	Pos KM, HT	Pos KM, HT
EA8NQH	Pos KM	Pos KM
EEYTG2	Pos KM	Pos KM
EHGACR	Pos LMG, RSID Blood	Pos LMG, RSID Blood

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TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
ELWUBZ	Pos HemaTrace	Pos HemaTrace
EM9GVZ	Pos KM	Pos KM
ENA8AV	Pos KM	Pos KM
EQN2T9	Pos KM	Pos KM
ERNR94	Pos KM	Pos KM
EUD6QM	Pos KM	Pos KM
EV6ELA	Pos KM, Luminol, IR Light	Pos KM, Luminol, IR Light
EVHVQA	Pos O-tol, Seretec HemDirect, ALS	Pos O-tol, Seretec HemDirect, ALS
EXQ2EW	Pos KM	Pos KM
EZHZTV	Pos LMG	Pos LMG
EZWJDR	Pos LMG, RSID	Pos LMG, RSID
F342CN	Pos KM	Pos KM
F3DCHR	Pos KM	Pos KM
F3GXE8	Pos KM, HemaTrace	Pos KM, HemaTrace
F8BREU	Pos KM	Pos KM
F8UK7Q	Pos KM	Pos KM
FBD3H4	Pos RSID	Pos RSID
FBEMXW	Pos KM	Pos KM
FCRW9H	Pos KM, HemaTrace	Pos KM, HemaTrace
FDGBQ2	Pos KM, TMB	Pos KM, TMB
FG4ZYK	Pos KM	Pos KM
FGFLM2	Pos KM, TMB	Pos KM, TMB
FHVYDJ	Pos KM, Hemdirect	Pos KM, Hemdirect
FPCCE3	Pos KM, HemaTrace	Pos KM, HemaTrace
FR3M3B	Pos KM	Pos KM
FTCEQ6	Pos Hemastix	Pos Hemastix
FTUWYX	Pos KM	Pos KM
FXJHLQ	Pos KM	Pos KM
G27BHE	Pos O-tol	Pos O-tol
G3Y4DX	Pos KM	Pos KM
G7GX26	Pos KM, HemaTrace	Pos KM, HemaTrace
GAW7P4	Pos KM	Pos KM
GCQGH4	Pos KM	Pos KM

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TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
GGJL9M	Pos pheno	Pos pheno
GJH4X2	Pos KM	Pos KM
GU2B64	Pos KM	Pos KM
GW8WVP	Pos LMG	Pos LMG
H2YME7	Pos LMG	Pos LMG
H4QLT4	Pos KM, HemaTrace	Pos HemaTrace
HBTLER	Pos KM	Pos KM
HDU737	Pos Hemastix	Pos Hemastix
HEMPWX	Pos KM, HemaTrace	Pos KM, HemaTrace
HNANN3	Pos KM, HemaTrace	Pos KM, HemaTrace
HNE4Z4	Pos KM	Pos KM
HW8FWW	Pos KM, HemaTrace	Pos KM, HemaTrace
J2W3HP	Pos KM Test	Pos KM Test
J3QBJ2	Pos KM	Pos KM
J4ME4G	Pos KM	Pos KM
J7QWFQ	Pos O-tol, PMB, Seratec Hemdirect	Pos O-tol, PMB, Seratec Hemdirect
JDLYH3	Pos OrthO-tolidine	Pos OrthO-tolidine
JE42E3	Pos Phenolphthalein	Pos Phenolphthalein
JJUFZ4	Pos PTN, HemaTrace	Pos PTN, HemaTrace
JRRWXN	Pos KM	Pos KM
JVKEHT	Pos O-tol, Seratec HemDirect	Pos O-tol, Seratec HemDirect
K4XFPF	Pos KM	Pos KM
K9TGGW	Pos O-tol	Pos O-tol
KC864E	Pos KM, Hem	Pos KM, Hem
KQDXVQ	Pos KM	Pos KM
KQEV6L	Pos LMG	Pos LMG
KQTGEN	Pos LMG	Pos LMG
KR6UJK	Pos pheno	Pos pheno
KU9P3M	Pos KM	Pos KM
KUTF4V	Pos HemaTrace	Pos HemaTrace
KV78WC	Pos KM	Pos KM
KV7BKL	Pos KM, HemDirect	Pos KM, HemDirect
KVKNXW	Pos KM	Pos KM

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TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
KY4PU4	Pos O-tol	Pos O-tol
L272CP	Pos KM	Pos KM
L2AZJZ	Pos Hemastix Test	Pos Hemastix Test
L8NGU2	Pos KM	Pos KM
LCLTXE	Pos KM, HemaTrace	Pos KM, HemaTrace
LCLZXK	Pos Hemastix	Pos Hemastix
LF7FYE	Pos KM, HemDirect	Pos KM, HemDirect
LLFW93	Pos KM, Luminol	Pos KM
LNK2TW	Pos LMG, HemaTrace	Pos LMG, HemaTrace
LU7QWK	Pos Hemastix	Pos Hemastix
M2JYXL	Pos KM, HemaTrace	Pos KM, HemaTrace
M7GC3Y	Pos KM, HemaTrace	Pos KM, HemaTrace
MB7ZEV	Pos KM	Pos KM
MJ4T6X	Pos LMG	Pos LMG
MPPH9K	Pos KM	Pos KM
MUGD2Y	Pos LMG, HemaTrace	Pos LMG, HemaTrace
MW72QY	Pos O-tol, HemaTrace	Pos O-tol, HemaTrace
MXKKBW	Pos KM	Pos KM
N24TKG	Pos LMG	Pos LMG
N43DZ2	Pos O-tol, HemDirect	Pos O-tol, HemDirect
N7TF8A	Pos KM, HemaTrace	Pos KM, HemaTrace
NE8AEP	Pos KM	Pos KM
NEN9NG	Pos KM	Pos KM
NQGWFA	Pos KM, HemaTrace	Pos KM, HemaTrace
NT6DMW	Pos O-tol	Pos O-tol
NX2RHY	Pos KM, HemaTrace	Pos KM, HemaTrace
NZPHQJ	Pos KM, HemaTrace	Pos KM, HemaTrace
P4HWKX	Pos KM	Pos KM
P9DRDJ	Pos KM	Pos KM
PB4PXJ	Pos KM, LMG, HemaTrace	Pos KM, LMG, HemaTrace
PEGPUB	Pos FOB	Pos FOB
PH7UU9	Pos KM, HemaTrace	Pos KM, HemaTrace
PJV9CR	Pos KM, TMB	Pos KM, TMB

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TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
PNRRFB	Pos Hemochromogen	Pos Hemochromogen
PRBZQW	Pos KM	Pos KM
PZ44ZK	Pos KM	Pos KM
Q4FL4L	Pos KM, TMB	Pos KM, TMB
Q4Z3JN	Pos ABAcard HemaTrace	Pos ABAcard HemaTrace
Q6RP8T	Pos LMG, HemaTrace	Pos LMG, HemaTrace
QCGMXL	Pos KM	Pos KM
QH4HRY	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
QK8DB2	Pos KM, HemaTrace	Pos KM, HemaTrace
QNQCPW	Pos KM, HemaTrace	Pos KM, HemaTrace
QTXVPA	Pos KM	Pos KM
QVQRE4	Pos KM, HemaTrace	Pos KM, HemaTrace
R28K49	Pos KM	Pos KM
RBDNRJ	Pos KM	Pos KM
RBTXUR	Pos KM	Pos KM
RBUV6M	Pos HemaTrace	Pos HemaTrace
RCQCBH	Pos KM	Pos KM
RDKUJL	Pos KM	Pos KM
RET9PR	Pos KM	Pos KM
RF6VAR	Pos KM, HemaTrace	Pos KM, HemaTrace
RGK6EL	Pos KM	Pos KM
RKJER9	Pos KM, HemaTrace	Pos KM, HemaTrace
RLW7JP	Pos KM	Pos KM
RNHN2B	Pos KM	Pos KM
RPCE8P	Pos KM, HemaTrace	Pos KM, HemaTrace
RRXFQH	Pos KM	Pos KM
RW9HQR	Pos KM	Pos KM
RYZEFL	Pos KM	Pos KM
T3F9TX	Pos O-tol	Pos O-tol
T7FCM7	Pos KM	Pos KM
T7XG4J	Pos KM	Pos KM
TACZ2R	Pos O-tol	Pos O-tol
TAFNJ7	Pos KM	Pos KM

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TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
TEQXAE	Pos LMG	Pos LMG
TETJ6V	Pos LMG	Pos LMG
THLPFQ	Pos KM	Pos KM
TKEL4K	Pos KM	Pos KM
TNEPV8	Pos KM, HemaTrace	Pos KM, HemaTrace
TNH83H	Pos hemdirect	Pos hemdirect
TNHXGD	Pos TMB	Pos TMB
TRVWJ7	Pos KM, RSID	Pos KM, RSID
TU7UXN	Pos KM	Pos KM
TVARXJ	Pos Hx	Pos Hx
TWAPGR	Pos KM	Pos KM
TYCNRJ	Pos KM	Pos KM
U2KVWX	Pos LMG	Pos LMG
U3T9CE	Pos KM	Pos KM
U63FGR	Pos LMG, HemaTrace	Pos LMG, HemaTrace
U6K429	Pos KM	Pos KM
U9WEQG	Pos O-tol, PPTH, HemDirect	Pos O-tol, PPTH, HemDirect
UAW67C	Pos KM, HemaTrace	Pos KM, HemaTrace
UD9496	Pos RSID Blood	Pos RSID Blood
UFZ3M4	Pos KM, ABAcard HT	Pos KM, ABAcard HT
UGDQ84	Pos KM, Hem	Pos KM, Hem
UJ6LVW	Pos LMG	Pos LMG
UKEMYJ	Pos KM	Pos KM
ULKGAA	Pos KM	Pos KM
UM38JT	Pos LMG	NT
UMYPCH	Pos KM, TMB	Pos KM, TMB
UQZPX9	Pos KM	Pos KM
UYTY84	Pos KM, Hemdirect	Pos KM, Hemdirect
UZ377Q	Pos KM, HemaTrace	Pos KM, HemaTrace
V3QXV2	Pos KM, HemDirect	Pos KM, HemDirect
V9DVH4	Pos KM, HemaTrace	Pos KM, HemaTrace
VBHHYE	Pos KM	Pos KM
VDAEN9	Pos KM	Pos KM

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TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
VDNBZM	Pos LMG, HemaTrace	Pos LMG, HemaTrace
VFEYDU	Pos LMG	Pos LMG
VGPWRB	Pos KM	Pos KM
VGT7YB	Pos LMG	Pos LMG
VK6GPK	Pos KM, HemaTrace	Pos KM, HemaTrace
VKRKKF	Pos KM	Pos KM
VMTV93	Pos KM, HemaTrace	Pos KM, HemaTrace
VT4Y6W	Pos KM, HemaTrace	Pos KM, HemaTrace
VXFM6T	Pos KM	Pos KM
W28DLN	Pos KM, HemaTrace	Pos KM, HemaTrace
W74XRT	Pos LMG	Pos LMG
W7MVVT	Pos O-tol	Pos O-tol
WD4WAP	Pos KM	Pos KM
WFDKME	Pos KM	Pos KM
WJMW9U	Pos HemaTrace	Pos HemaTrace
WK4TZT	Pos KM	Pos KM
WN34WT	Pos KM	Pos KM
WPFRFT	Pos KM	Pos KM
WTCK6G	Pos ABAcard HemaTrace	Pos ABAcard HemaTrace
WYAQFE	Pos KM	Pos KM
X2737B	Pos KM	Pos KM
X4FQ4P	Pos KM, HemaTrace	Pos KM, HemaTrace
XAZVRJ	Pos O-tol	Pos O-tol
XBXCYF	Pos KM	Pos KM
XEU3WE	Pos KM	Pos KM
XLDKNM	Pos KM	Pos KM
XPWCGH	Pos KM, TMB	Pos KM, TMB
XUQ373	Pos KM, HemaTrace	Pos KM, HemaTrace
XXQ9RY	Pos KM	Pos KM
Y692G4	Pos Phenolphthalein	Pos Phenolphthalein
Y8PK2Y	Pos KM, Seratec	Pos KM, Seratec
YAGGPT	Pos LMG	Pos LMG
YDJDG9	Pos KM, HemaTrace	Pos KM, HemaTrace

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TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
YL8DP6	Pos Phenolphthalein	Pos Phenolphthalein
YM24VJ	Pos KM; HemaTrace	Pos KM; HemaTrace
YMH34B	Pos O-tol, Seratec HemDirect	Pos O-tol, Seratec HemDirect
YMLKBM	Pos KM, HemaTrace	Pos KM, HemaTrace
YQMLD6	Pos KM	Pos KM
YUHL6L	Pos KM	Pos KM
YUZLAW	Pos TMB	Pos TMB
YWAKHJ	Pos KM	Pos KM
YWTHYP	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
Z2HQRH	Pos LMG	Pos LMG
Z7PGUN	Pos	Pos
ZCZVR8	Pos KM	Pos KM
ZDTRF2	Pos KM	Pos KM
ZJKW8K	Pos KM	Pos KM
ZLPJNV	Pos Hemastix (TMB) & HemaTrace	Pos Hemastix (TMB) & HemaTrace
ZLT3V8	Pos TMB	Pos TMB
ZMHFDP	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
ZP7X4P	Pos O-tol	Pos O-tol
ZPQ6LM	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
ZQKDLW	Pos KM	Pos KM
ZVECWL	Pos KM, HemaTrace	Pos KM, HemaTrace
ZW3T49	Pos KM	Pos KM
ZW7BBJ	Pos KM, HemaTrace	Pos KM, HemaTrace
ZWQ38B	Pos KM	Pos KM
ZY7NMB	Pos KM	Pos KM

Table 1a: Serology Screening Response Summary - Blood Participants: **353**

This summary table excludes the count of participants who did not report or reported "Not Tested" for Item 3 and/or Item 4. Therefore, participant total may not align with totals shown below.

	Item 3	Item 4
Positive	**353**	**352**
Negative	**0**	**0**
Inconclusive	**0**	**0**

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Serology Screening Results

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

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
24Y4VH	**Neg** PSA	**Neg** PSA
2ANR8F	**Neg** AP, ALS	**Neg** AP, ALS
2JUMC7	**Neg** AP, Micro	**Neg** AP, ALS, Micro
3MTY97	**Neg** AP, Micro, ALS	**Neg** AP, Micro, ALS
3R3EHU	**Neg** AP, Micro, RSID	**Neg** AP, Micro, RSID
47F8GL	**Neg** AP, Micro, PSA, ALS	**Neg** AP, Micro, PSA, ALS
47KGPK	**Neg** AP, ALS, Micro	**Neg** AP, ALS, Micro
4DZ7DL	**Neg** ALS, AP, Micro	**Neg** ALS, AP, Micro
4NM8UV	**Neg** AP, Micro, RSID	**Neg** AP, Micro, RSID
4RH8KC	**Neg** AP	**Neg** AP
4WUWF7	**Neg** PSA	**Neg** PSA
4XRE9V	**Neg** AP, Micro, RSID Semen	**Neg** AP, Micro, RSID Semen
66YGNT	**Neg** PSA, Micro	**Neg** PSA, Micro
6JP66L	**Neg** AP	**Neg** AP
6MJ9NR	**Neg** AP	**Inc** AP, Microscopy
6RYFCR	**Neg** ALS, AP	**Neg** ALS, AP
72XQ4Y	**Neg** Micro	**Neg** Micro
784AG7	**Neg** AP	**Neg** AP
79GU9F	**Neg** AP	**Neg** PSA
7GCRZP	**Neg** ALS, AP	**Neg** ALS, AP
7NWTF3	**Neg** AP, Micro, PSA	**Neg** AP, Micro, PSA
7YA2VE	**Neg** AP	**Neg** AP, PSA
7YWHYN	**Neg** AP	**Neg** AP
87QKLF	**Neg** AP	**Neg** AP
87RUM6	**Neg** AP	**Neg** AP
884KVA	**Neg** AP	**Neg** AP
8NQZ2Q	**Neg** AP, Micro, RSID Sg	**Neg** AP, Micro, RSID Sg
9BGUD6	**Neg** AP	**Neg** AP
A27N2E	**Neg** AP, Micro	**Neg** AP, Micro
A9R8EA	**Neg** PSA	**Neg** PSA
AHCB7M	**Neg** Micro	**Neg** Micro
AJ6427	**Neg** AP	**Neg** AP

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TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
AKDGH8	**Neg** AP, PSA	**Neg** AP, PSA
ALCDGH	**Neg** AP	**Neg** AP
AMPWC9	**Neg** AP, PSA, ALS	**Neg** AP, PSA. ALS
AQ92XP	**Neg** AP, Micro, RSID	**Neg** AP, Micro, RSID
AU286Y	**Neg** ALS	**Neg** ALS
AYYM22	**Neg** AP	**Neg** AP
B3FF72	**Neg** AP	**Neg** AP
B9LZHD	**Neg** ALS, AP, Micro	**Neg** ALS, AP
BGZUQN	**Neg** ALS, AP, Micro	**Neg** ALS, AP, Micro
BZ9X96	**Neg** AP	**Neg** AP
CCJNNL	**Neg** PSA, Micro	**Neg** PSA, Micro
CJZGK4	**Neg** AP	**Neg** AP
CWAXUU	**Neg** AP	**Neg** AP
CWLPLB	**Neg** AP	**Neg** AP
D6UPBJ	**Neg** ALS, AP	**Neg** ALS, AP
DBLRKA	**Neg** ALS, AP, PSA, Micro	**Neg** ALS, AP, PSA, Micro
DLKNMC	**Neg** Brentamine	**Neg** Brentamine
DNLUXB	**Neg** AP, PSA, Micro	**Neg** AP, PSA, Micro
DT22LB	**Neg** AP	**Neg** AP
DW3APL	**Neg** AP, Micro, PSA	**Neg** AP, Micro, PSA
E77KWB	**Neg** AP	**Neg** AP
EA8NQH	**Neg** AP	**Neg** AP
EV6ELA	**Neg** AP, ALS, Micro	**Neg** AP, ALS, Micro
EVHVQA	**Neg** ALS, AP	**Neg** ALS, AP
F3GXE8	**Neg** AP, Micro, PSA	**Neg** AP, Micro, PSA
F8BREU	**Neg** AP, Micro, PSA	**Neg** AP, Micro, PSA
FBD3H4	**Neg** RSID	**Neg** RSID
FDGBQ2	**Neg** AP	**Neg** AP
FG4ZYK	**Neg** ALS, AP, Micro	**Neg** ALS, AP, Micro
FGFLM2	**Neg** AP	**Neg** AP
FHVYDJ	**Neg** AP, Micro, RSID	**Neg** AP, Micro, RSID
G27BHE	**Neg** AP	**Neg** AP
G7GX26	**Neg** AP, PSA, Micro	**Neg** AP, PSA, Micro
H2YME7	**Neg** AP	**Neg** AP

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TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
HEMPWX	Neg AP	Neg AP
HW8FWW	Neg AP	Neg AP
J4ME4G	Neg AP, Micro, ALS	Neg AP, Micro, ALS
J7QWFQ	Neg AP Spot	Neg AP Spot
JVKEHT	Neg AP	Neg AP
K4XFPF	Neg AP, Micro, ALS	Neg AP, Micro, ALS
KC864E	Neg AP, Micro, RSID	Neg AP, Micro, RSID
KU9P3M	Neg AP, Micro	Neg AP, Micro
KV78WC	Neg AP, Micro	Neg AP. Micro
KV7BKL	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
KY4PU4	Neg AP, ALS	Neg AP, ALS
L272CP	Neg AP, Micro	Neg AP, Micro
L8NGU2	Neg AP	Neg AP
LCLZXK	NT	Neg AP
LF7FYE	Neg AP, Micro, RSID	Neg AP, Micro, RSID
LLFW93	Neg ALS, AP	Neg ALS, AP
M2JYXL	Neg ALS	Neg ALS
MW72QY	Neg AP, PSA	Neg AP, PSA
N43DZ2	Neg ALS, AP	Neg ALS, AP
N7TF8A	Neg PSA, Micro	Neg PSA, Micro
NT6DMW	Neg AP	Neg AP
PB4PXJ	Neg AP	Neg ALS, AP, PSA, Micro
PEGPUB	Neg RSID Semen, PSA	Neg RSID Semen, PSA
PJV9CR	Neg AP	Neg AP
Q4FL4L	Neg AP	Neg AP
QTXVPA	Neg ALS, AP, Micro	Neg ALS, AP, Micro
RDKUJL	NT	Neg AP
RET9PR	Neg AP, Micro	Neg AP, Micro
RF6VAR	Neg AP	Neg AP
RGK6EL	Neg AP	Neg AP
RPCE8P	Neg AP	Neg AP
RYZEFL	Neg AP	Neg AP
T3F9TX	Neg AP	Neg AP
TEQXAE	Neg ALS, PSA	Neg ALS, PSA

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TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
TETJ6V	Neg AP	Neg AP
THLPFQ	Neg AP, Micro	Neg AP, Micro
TKEL4K	Neg AP	Neg AP
TNEPV8	Neg ALS, AP	Neg ALS, AP
TNH83H	Neg AP	Neg AP
TRVWJ7	Neg ALS, AP, RSID	Neg ALS, AP, RSID
U2KVWX	Neg AP	Neg AP
U3T9CE	Neg AP, Micro	Neg AP, Micro
U9WEQG	Neg AP, ALS	Neg AP, ALS
UAW67C	Neg ALS - CrimeLite, AP	Neg ALS - CrimeLite, AP
UD9496	Neg RSID Semen	Neg RSID Semen
UFZ3M4	Neg AP, ABAcard p30, Micro	Neg AP, ABAcard p30, Micro
UGDQ84	Neg AP, RSID, Micro	Neg AP, RSID, Micro
UJ6LVW	Neg AP	Neg AP
ULKGAA	Neg AP	Neg AP
UM38JT	Neg ALS, AP, PSA, Micro	NT
UMYPCH	Neg AP, PSA, Micro	Neg AP, PSA, Micro
UQZPX9	Neg BCIP	Neg BCIP
UYTY84	Neg AP, Micro, Sg	Neg AP, Micro, Sg
V3QXV2	Neg AP, Micro, SG	Neg AP, Micro, SG
VDAEN9	Neg AP	Neg AP
VFEYDU	Neg AP	Neg AP
VK6GPK	Neg AP	Neg AP
VMTV93	Neg PSA, Micro	Neg PSA, Micro
W74XRT	Neg AP	Neg AP
W7MVVT	Neg AP	Neg AP
WD4WAP	Neg RSID	Neg RSID
WPFRFT	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
WTCK6G	Neg ABAcard p30, Micro	Neg ABAcard p30, Micro
X2737B	Neg AP, Micro, PSA	Neg AP, Micro, PSA
X4FQ4P	Neg PSA	Neg PSA
XPWCGH	Neg AP	Neg AP
XXQ9RY	Neg AP	Neg AP
Y8PK2Y	Neg AP, Micro, RSID	Neg AP, Micro, RSID

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TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
YAGGPT	Neg AP	Neg AP
YDJDG9	Neg ALS, AP, RSID Semelogenin	Neg ALS, AP, RSID Semelogenin
YM24VJ	Neg PSA; Micro	Neg PSA; Micro
YMH34B	Neg AP, Seratec PSA, Micro	Neg AP, Seratec PSA, Micro
YUZLAW	Neg ALS, AP	Neg ALS, AP
ZCZVR8	Neg AP, Micro	Neg AP, Micro
ZLPJNV	Neg AP & ALS	Neg AP & ALS
ZP7X4P	Neg AP	Neg AP
ZPQ6LM	Neg AP	Neg AP
ZQKDLW	Neg AP, Micro	Neg AP, Micro
ZW7BBJ	Neg AP, PSA, Micro	Neg AP, PSA, Micro
ZY7NMB	Neg AP	Neg AP

Table 1b: Serology Screening Response Summary - Semen Participants: **146**

This summary table excludes the count of participants who did not report or reported "Not Tested" for Item 3 and/or Item 4. Therefore, participant total may not align with totals shown below.

	Item 3	Item 4
Positive	**0**	**0**
Negative	**144**	**144**
Inconclusive	**0**	**1**

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Serology Screening Results

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

TABLE 1c

WebCode	Saliva Screening Results			
	Item 3		Item 4	
24Y4VH	Neg	RSID	Neg	RSID
2JUMC7	Neg	RSID	Neg	RSID
3MTY97	Neg	RSID	Neg	RSID
47F8GL	Neg	Amylase	Neg	Amylase
4DZ7DL	Neg	Amylase Diffusion	Neg	Amylase Diffusion
66YGNT	Neg	RSID	Neg	RSID
6MJ9NR	Neg	Phadebas	Neg	Phadebas
79GU9F	Neg	RSID Saliva	Neg	RSID Saliva
884KVA	Neg	RSID Saliva	Neg	RSID Saliva
9BGUD6	Neg	Amylase paper/iodine	Neg	Amylase paper/iodine
BGZUQN	Neg	ALS, RSID	Neg	ALS, RSID
CCJNNL	Neg	RSID	Neg	RSID
DNLUXB	Neg	Amylase test	Neg	Amylase test
DT22LB	Neg	RSID	Neg	RSID
DW3APL	Neg	RSID	Neg	RSID
E77KWB	Neg	RSID	Neg	RSID
EV6ELA	Neg	Amylase Diffusion	Neg	Amylase Diffusion
EVHVQA	Neg	ALS, Seretec Amylase	Neg	ALS, Seretec Amylase
F3GXE8	Neg	Phadebas	Neg	Phadebas
F8BREU	Neg	Amylase Diffusion plate	Neg	Amylase Diffusion plate
FBD3H4	Neg	RSID	Neg	RSID
FG4ZYK	Neg	ALS, Phadebas	Neg	ALS, Phadebas
H2YME7	Neg	RSID-Saliva	Neg	RSID-Saliva
J4ME4G	Neg	Phadebas, ALS	Neg	Phadebas, ALS
JRRWXN	Neg	Phadebas	Neg	Phadebas
K4XFPF	Neg	Phadebas, ALS	Neg	Phadebas, ALS
KU9P3M	Neg	RSID	Neg	RSID
KV78WC	Neg	Phadebas	Neg	Phadebas
KV7BKL	Neg	SERATEC® AmylaseTest	Neg	SERATEC® AmylaseTest
L272CP	Neg	RSID	Neg	RSID
N43DZ2	Neg	ALS, Seratec Amylase	Neg	ALS, Seatec Amylase
N7TF8A	Neg	RSID	Neg	RSID

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TABLE 1c

WebCode	Saliva Screening Results			
	Item 3		Item 4	
PB4PXJ	Neg	SALIgAE	Neg	SALIgAE
PEGPUB	Neg	RSID Saliva	Neg	RSID Saliva
QTXVPA	Neg	Phadebas	Neg	Phadebas
RGK6EL	Neg	Amylase paper	Neg	Amylase paper
RPCE8P	Neg	RSID Saliva	Neg	RSID Saliva
TETJ6V	Neg	RSID Saliva	Neg	RSID Saliva
TRVWJ7	Neg	ALS, RSID	Neg	ALS, RSID
U3T9CE	Neg	RSID	Neg	RSID
UD9496	Neg	RSID Saliva	Neg	RSID Saliva
UFZ3M4	Neg	Phadebas tablet	Neg	Phadebas tablet
VDAEN9	Neg	Phadebus	Neg	Phadebus
VK6GPK	Neg	RSID-Saliva	Neg	RSID-Saliva
VMTV93	Neg	RSID	Neg	RSID
WD4WAP	Neg	RSID	Neg	RSID
WPFRFT	Neg	Amylase Test	Neg	Amylase Test
YM24VJ	Neg	RSID	Neg	RSID
YMH34B	Neg	Seratec Amylase	Neg	Seratec Amylase
ZCZVR8	Neg	RSID	Neg	RSID

Table 1c: Serology Screening Response Summary - Saliva Participants: **50**

This summary table excludes the count of participants who did not report or reported "Not Tested" for Item 3 and/or Item 4. Therefore, participant total may not align with totals shown below.

	Item 3	Item 4
Positive	**0**	**0**
Negative	**50**	**50**
Inconclusive	**0**	**0**

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Serology Screening Results

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

TABLE 1d

WebCode	Human Origin Screening Results			
	Item 3		Item 4	
24Y4VH	Pos	PowerQuant	Pos	PowerQuant
2LKLQ6	Pos	RSID-Blood	Pos	RSID-Blood
2MWXFG	Pos	HemaTrace, Quant Trio	Pos	HemaTrace, Quant Trio
3R3EHU	Pos	CWD	Pos	CWD
47F8GL	Pos	HemaTrace	Pos	HemaTrace
4DZ7DL	Pos	HemDirect	NT	
4NM8UV	Pos	PCR	Pos	PCR
4WUWF7	Pos	HemDirect	Pos	HemDirect
4XRE9V	Pos	Casework Direct	Pos	Casework Direct
7YA2VE	Pos	HemaTrace	NT	
884KVA	Pos	HemaTrace, PowerQuant	Pos	HemaTrace, PowerQuant
8NQZ2Q	Pos		Pos	
8YTV6B	Pos	Quant TRIO, HemaTrace	Pos	Quant TRIO, HemaTrace
96BB2X	Pos	RSID-Blood	Pos	RSID-Blood
A9R8EA	Pos	PPF/Y23	Pos	PPF/Y23
AALLR8	Pos	PowerQuant	Pos	PowerQuant
AKDGH8	Pos	HT (HemaTrace)	Pos	HT (HemaTrace)
AQ92XP	Pos	PCR	Pos	PCR
B3FF72	Pos	HemaTrace	Pos	HemaTrace
B9LZHD	Pos	HemDirect	NT	
CJZGK4	Pos	HemaTrace, Powerquant	Pos	HemaTrace, Powerquant
DW3APL	Pos	HemDirect	Pos	HemDirect
EEYTG2	Pos	PowerQuant	Pos	PowerQuant
EHGACR	Pos	RSID Blood	Pos	RSID Blood
ERNR94	Pos	PowerQuant	Pos	PowerQuant
EV6ELA	Pos	HemDirect	NT	
EZWJDR	Pos	RSID	Pos	RSID
F3GXE8	Pos	Quantifiler Trio	Pos	Quantifiler Trio
FBD3H4	Pos	RSID	Pos	RSID
FG4ZYK	Pos	QuantTrio	Pos	QuantTrio
FHVYDJ	Pos	Casework Direct	Pos	Casework Direct
FPCCE3	Pos	PowerQuant	Pos	PowerQuant
GU2B64	Pos	PowerQuant	Pos	PowerQuant

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TABLE 1d

WebCode	Human Origin Screening Results			
	Item 3		Item 4	
HEMPWX	Pos	HemaTrace, PowerQuant	Pos	HemaTrace, PowerQuant
HW8FWW	Pos	HemaTrace, PowerQuant	Pos	HemaTrace, PowerQuant
J4ME4G	Pos	Quantifiler Trio	Pos	Quantifiler Trio
J7QWFQ	Pos	PMB, Seratec Hemdirect	Pos	PMB, Seratec Hemdirect
JDLYH3	Pos	HemaTrace	Pos	HemaTrace
JRRWXN	Pos	PowerQuant	Pos	PowerQuant
JVKEHT	Pos	Seratec HemDirect	Pos	Seratec HemDirect
K4XFPF	Pos	Quantifiler Trio Kit	Pos	Quantifiler Trio Kit
KC864E	Pos	Y-Screening	Pos	Y-Screening
KQEV6L	Pos	RSID-Blood	Pos	RSID-Blood
KV78WC	Pos	Quantiplex Pro RGQ	Pos	Quantiplex Pro RGQ
KV7BKL	Pos	Ouchterlony Double ImmunoDiffusion Test	Pos	Ouchterlony Double ImmunoDiffusion Test
LF7FYE	Pos	Y-Screening	Pos	Y-Screening
LLFW93	Pos	HemDirect	NT	
MJ4T6X	Pos	Quant Trio	Pos	Quant Trio
MW72QY	Pos	HemaTrace	Pos	HemaTrace
NT6DMW	Pos	HemaTrace	Pos	HemaTrace
NZPHQJ	Pos	HemaTrace	Pos	HemaTrace
PB4PXJ	Pos	HemaTrace	Pos	HemaTrace
QH4HRY	Pos	Quant	Pos	Quant
QTXVPA	Pos	QuantTrio	Pos	QuantTrio
RF6VAR	Pos	HemaTrace, PowerQuant	Pos	HemaTrace, PowerQuant
RPCE8P	Pos	HemaTrace, PowerQuant	Pos	HemaTrace, PowerQuant
TACZ2R	Pos	HemaTrace	Pos	HemaTrace
TEQXAE	Pos	HemaTrace	Pos	HemaTrace
TWAPGR	Pos	PowerQuant	Pos	PowerQuant
UFZ3M4	Pos	ABAcard HT	Pos	ABAcard HT
UGDQ84	Pos		Pos	
UYTY84	Pos		Pos	
V3QXV2	Pos	CWD	Pos	CWD
VK6GPK	Pos	HemaTrace, PowerQuant	Pos	HemaTrace, PowerQuant
WN34WT	Pos	HemaTrace	NT	
WPFRFT	Pos	HemaTrace	Pos	HemaTrace
WYAQFE	Pos	HD	Pos	HD
Y8PK2Y	Pos		Pos	

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TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
YMH34B	Pos Seratec HemDirect	Pos Seratec HemDirect
Z2HQRH	Pos Quant Trio	Pos Quant Trio
ZJKW8K	Pos PowerQuant	Pos PowerQuant
ZMHFDP	Pos Quant	Pos Quant
ZW7BBJ	Pos Powerquant	Pos Powerquant

Table 1d: Serology Screening Response Summary - Human Origin

Participants: **73**

This summary table excludes the count of participants who did not report or reported "Not Tested" for Item 3 and/or Item 4. Therefore, participant total may not align with totals shown below.

	Item 3	Item 4
Positive	**73**	**67**
Negative	**0**	**0**
Inconclusive	**0**	**0**

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Serology Screening Results

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

TABLE 1e

WebCode	Y Screening Results			
	Item 3		Item 4	
2MWXFG	Pos	Quant Trio	Pos	Quant Trio
3EG37K	Pos	TRIO	Pos	TRIO
3R3EHU	Pos	CWD	Pos	CWD
4NM8UV	Pos	PCR	Pos	PCR
4XRE9V	Pos	Casework Direct	Pos	Casework Direct
66YGNT	Pos		Pos	
6AEPCR	Pos	PowerQuant	Pos	PowerQuant
6MJ9NR	Pos		Pos	
7UWGPT	Pos	Powerquant	Pos	Powerquant
8NQZ2Q	Pos		Pos	
8YTV6B	Pos	Quant TRIO	Pos	Quant TRIO
9NGR23	Pos	in house test	Pos	in house test
A9R8EA	Pos	Y23/Amelogenin	Pos	Y23/Amelogenin
AHCB7M	Pos	PowerQuant	Pos	PowerQuant
AQ92XP	Pos	PCR	Pos	PCR
CBZ77Y	Pos	In house kit	Pos	In house kit
CCJNNL	Pos		Pos	
CWLPLB	Pos	TRIO	Pos	TRIO
DBLRKA	Pos	Quantiplex Pro	Pos	Quantiplex Pro
EA8NQH	Pos	Promega Casework Direct Kit	Pos	Promega Casework Direct Kit
F3GXE8	Pos	Quantifiler Trio	Pos	Quantifiler Trio
FHVYDJ	Pos	Casework Direct	Pos	Casework Direct
J2BNRR	Pos	In house kit	Pos	In house kit
JRRWXN	Pos	PowerQuant	Pos	PowerQuant
KC864E	Pos	Y-Screening	Pos	Y-Screening
KV78WC	Pos	Quantiplex Pro RGQ	Pos	Quantiplex Pro RGQ
LF7FYE	Pos	Y-Screening	Pos	Y-Screening
MJ4T6X	Pos	Quant Trio	Pos	Quant Trio
N7TF8A	Pos		Pos	
NZPHQJ	Pos	Plexor HY	Pos	Plexor HY
UAW67C	Pos	Quant Trio	Pos	Quant Trio
UGDQ84	Pos		Pos	
UM38JT	NT		Pos	Quantiplex Pro
UYTY84	Pos		Pos	
V3QXV2	Pos	CWD	Pos	CWD

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TABLE 1e

WebCode	Y Screening Results			
	Item 3		Item 4	
VMTV93	Pos	Y-Screening	Pos	Y-Screening
VXFM6T	Pos	TRIO	Pos	TRIO
XXQ9RY	Pos	Promega Casework Direct Kit	Pos	Promega Casework Direct Kit
Y8PK2Y	Pos		Pos	
YDJDG9	Neg	Quant Trio	Pos	Quant Trio
Z2HQRH	Pos	Quant Trio	Pos	Quant Trio
ZQKDLW	Pos	Casework Direct	Pos	Casework Direct

Table 1e: Serology Screening Response Summary - Y Screening Participants: **42**

This summary table excludes the count of participants who did not report or reported "Not Tested" for Item 3 and/or Item 4. Therefore, participant total may not align with totals shown below.

	Item 3	Item 4
Positive	**40**	**42**
Negative	**1**	**0**
Inconclusive	**0**	**0**

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Serology Screening Results

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

TABLE 1f

WebCode	Other Screening Results					
	Item 3			Item 4		
KUTF4V	ALS	Neg	ALS	ALS	Neg	ALS
KY4PU4		Neg				
LCLZXK				ALS	Neg	ALS
PNRRFB	hairs	Neg	Visual	hairs	Neg	Visual
Q4Z3JN	ALS	Neg	ALS	ALS	Neg	ALS
YMH34B	Feces, Urine	Neg	Micro, Urobilinogen, Creatinine, DMAC	Feces, Urine	Neg	Micro, Urobilinogen, Creatinine, DMAC

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STR Amplification Kit(s) & Results

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

24HYDK	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16	-			-	
24Y4VH	PowerPlex® Fusion 6C					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26	11,12	5,15	28.2,28.2	7,9.3	11,11
	15,16					
28MBKL	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
2ANR8F	PowerPlex® Fusion 5C					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15		7,9.3	11
	15,16	NT				
2BFNWA	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16					
2JBQYL	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16	No Results			No Results	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

2JUMC7	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
2LKLQ6	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
2MWXFG	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16	ND			ND	
2PZ4Z9	GlobalFiler™ Express					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
2Y6D8Y	GlobalFiler™ (STRmix)					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16					
32Q74M	GlobalFiler™ Express					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
376Y28	GlobalFiler™ Express (STRmix)					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16	NR			NR	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

37K84F	PowerPlex® Fusion 6C					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15	28.2	7,9.3	11
	15,16					
3EG37K	Investigator® 24plex QS					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
3EUHBL	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16					
3G82KJ	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
3HDQK8	GlobalFiler™ Express					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
3MTY97	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
3XCGH6	GlobalFiler™ Express (STRmix)					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

3XDAHX	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
3ZXGJ7	GlobalFiler™ Express					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
427X84	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16					
47F8GL	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	-	-	28.2	7,9.3	11
	15,16	-	-	-	-	
47KGPK	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16					
4A6E6N	GlobalFiler™ (STRmix)					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16	-			-	
4DZ7DL	GlobalFiler™ Express					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

4LUB62	GlobalFiler™ Express					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
4N2T6H	GlobalFiler™ Direct					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
4RH8KC	PowerPlex® Fusion 6C					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15	28.2	7,9.3	11
	15,16	NR	NR	NR		
4V2YWE	Identifiler® Plus					
		17,25		16,16	11,13	
1	10,12	14,14			11,11	11,11
	19,21	14,14.2	29,31		X,X	11,11
	19,26				7,9.3	11,11
	15,16					
4WUWF7	GlobalFiler™ (STRmix)					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16	NR			NR	
4YEYT7	PowerPlex® Fusion 6C					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15	28.2	7,9.3	11
	15,16	NR	NR	NR		
66NBRR	GlobalFiler™ Express					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16	-			-	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

66YGNT	PowerPlex® Fusion 6C					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15	28.2	7,9.3	11
	15,16					
69NLNR	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16	-			-	
6DFXG3	GlobalFiler™ Express					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
6DW3WF	PowerPlex® Fusion 6C					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15	28.2	7,9.3	11
	15,16					
6JP66L	GlobalFiler™ (STRmix)					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
6LBQX9	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16	NR			NR	
6MJ9NR	NGM SElect					
	15,16.3	17,25	14,14	16,16		
1		14,14	13,13	16,26	15,16.3	11,11
	19,21	14,14.2	29,31	11,15	X,X	
	19,26			28.2,28.2	7,9.3	
	15,16					

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

6RWTUD	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16	NR			NR	
6RYFCR	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
72HEDG	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16	no results			no results	
72XQ4Y	GlobalFiler™ Express					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
784AG7	GlobalFiler™ Express					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X,X	11
	19,26			28.2	7,9.3	11
	15,16	NM			NM	
79GU9F	PowerPlex® Fusion 6C					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15	28.2	7,9.3	11
	15,16					
7GCRZP	Investigator® 24plex GO! (TrueAllele)					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

7NWTF3	GlobalFiler™ (STRmix)					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16	N/A			N/A	
7QY324	GlobalFiler™ Express					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
7UWGPT	GlobalFiler™ Express					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
7VEBP4	PowerPlex® Fusion 6C					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15	28.2	7,9.3	11
	15,16					
7WJ3GG	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16	No results			No results	
7YA2VE	Identifiler® Plus					
		17,25		16,16	11,13	
1	10,12	14,14			11,11	11,11
	19,21	14,14.2	29,31		X,X	11,11
	19,26				7,9.3	11,11
	15,16					
7YWHYN	PowerPlex® Fusion 6C					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15	28.2	7,9.3	11
	15,16					

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

7YXTZF	GlobalFiler™						
	15,16.3	17,25	14,14	16,16	11,13	Not tested	
1	10,12	14,14	13,13	16,26	11,11	11,11	
	19,21	14,14.2	29,31	11,15	X,X	11,11	
	19,26	Not tested	Not tested	28.2,28.2	7,9.3	11,11	
	15,16	No result	Not tested	Not tested	No result		
874UGE	GlobalFiler™						
	15,16.3	17,25	14,14	16,16	11,13		
1	10,12	14,14	13,13	16,26	11,11	11,11	
	19,21	14,14.2	29,31	11,15	X,X	11,11	
	19,26			28.2,28.2	7,9.3	11,11	
	15,16	NR			NR		
87QKLF	GlobalFiler™ Express						
	15,16.3	17,25	14,14	16,16	11,13		
1	10,12	14,14	13,13	16,26	11,11	11,11	
	19,21	14,14.2	29,31	11,15	X,X	11,11	
	19,26			28.2,28.2	7,9.3	11,11	
	15,16	--			--		
87RUM6	GlobalFiler™ Express						
	15,16.3	17,25	14	16	11,13		
1	10,12	14	13	16,26	11	11	
	19,21	14,14.2	29,31	11,15	X,X	11	
	19,26			28.2	7,9.3	11	
	15,16	NM			NM		
884KVA	PowerPlex® Fusion 6C						
	15,16.3	17,25	14,14	16,16	11,13		
1	10,12	14,14	13,13	16,26	11,11	11,11	
	19,21	14,14.2	29,31	11,15	X,X	11,11	
	19,26	11,12	5,15	28.2,28.2	7,9.3	11,11	
	15,16						
8B9463	PowerPlex® Fusion 6C						
	15,16.3	17,25	14	16	11,13		
1	10,12	14	13	16,26	11	11	
	19,21	14,14.2	29,31	11,15	X	11	
	19,26	11,12	5,15	28.2	7,9.3	11	
	15,16						
8NTJ93	PowerPlex® Fusion 6C Direct						
	15,16.3	17,25	14	16	11,13		
1	10,12	14	13	16,26	11	11	
	19,21	14,14.2	29,31	11,15	X	11	
	19,26	11,12	5,15	28.2	7,9.3	11	
	15,16						

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

8XW3ZW	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
8YTV6B	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	NT
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26	NT	NT	28.2,28.2	7,9.3	11,11
	15,16	NR	NT	NT	NR	
92Q9AT	GlobalFiler™ (STRmix)					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16					
92R6GH	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16					
96BB2X	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
9BGUD6	ESI-17					
	15,16.3	17,25	14,14	16,16		
1		14,14	13,13	16,26		11,11
	19,21	14,14.2	29,31	11,15	X,X	
	19,26			28.2,28.2	7,9.3	
	15,16					
9BJCKG	PowerPlex® Fusion 6C					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15	28.2	7,9.3	11
	15,16					

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

9C8F3A	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16	NR			NR	
9EKDMY	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X,X	11
	19,26			28.2	7,9.3	11
	15,16					
9NGR23	PowerPlex® Fusion					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26	11,12	5,15		7,9.3	11,11
	15,16					
9QRL6G	GlobalFiler™ Express					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
9V67B3	GlobalFiler™ (STRmix)					
	15,16.3	17,25	14	16	11,13	NT
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	NT	NT	28.2	7,9.3	11
	15,16	NR	NT	NT	NR	
9ZXCLY	GlobalFiler™ Express					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
A27N2E	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16					

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

A4BCHP	Identifiler®					
		17,25		16,16	11,13	
1	10,12	14,14			11,11	11,11
	19,21	14,14.2	29,31		X,X	11,11
	19,26				7,9.3	11,11
	15,16					
A6N7W6	Investigator® 24plex QS					
	15,16.3	17,25	14,14	16,16	11,13	N/A
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26	N/A	N/A	28.2,28.2	7,9.3	11,11
	15,16		N/A	N/A	N/A	
A9KX3G	PowerPlex® Fusion 5C					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15		7,9.3	11
	15,16					
A9R8EA	PowerPlex® 5C					
	15,16.3	17,25	14	16	11,13	--
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15	--	7,9.3	11
	15,16	--	--	--	--	
AALLR8	PowerPlex® Fusion 6C					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26	11,12	5,15	28.2,28.2	7,9.3	11,11
	15,16					
ACLX6Y	PowerPlex® Fusion 6C					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15	28.2	7,9.3	11
	15,16	NR	NR	NR		
AHCB7M	GlobalFiler™ Express					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X,X	11
	19,26			28.2	7,9.3	11
	15,16					

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

AJ6427	PowerPlex® Fusion 6C						
	15,16.3	17,25	14	16	11,13		
1	10,12	14	13	16,26	11	11	
	19,21	14,14.2	29,31	11,15	X	11	
	19,26	11,12	5,15	28.2	7,9.3	11	
	15,16	NR	NR	NR			
AJQFZE	GlobalFiler™						
	15,16.3	17,25	14,14	16,16	11,13		
1	10,12	14,14	13,13	16,26	11,11	11,11	
	19,21	14,14.2	29,31	11,15	X,X	11,11	
	19,26			28.2,28.2	7,9.3	11,11	
	15,16						
AKDGH8	Identifiler® Plus						
		17,25		16,16	11,13		
1	10,12	14,14			11,11	11,11	
	19,21	14,14.2	29,31		X,X	11,11	
	19,26				7,9.3	11,11	
	15,16						
ALCDGH	GlobalFiler™ (STRmix)						
	15,16.3	17,25	14	16	11,13		
1	10,12	14	13	16,26	11	11	
	19,21	14,14.2	29,31	11,15	X	11	
	19,26			28.2	7,9.3	11	
	15,16						
AMPWC9	Identifiler® Plus						
		17,25		16,16	11,13		
1	10,12	14,14			11,11	11,11	
	19,21	14,14.2	29,31		X,X	11,11	
	19,26				7,9.3	11,11	
	15,16						
ANF69V	GlobalFiler™ Express						
	15,16.3	17,25	14	16	11,13		
1	10,12	14	13	16,26	11	11	
	19,21	14,14.2	29,31	11,15	X	11	
	19,26			28.2	7,9.3	11	
	15,16						
ATG6RZ	GlobalFiler™ (STRmix)						
	15,16.3	17,25	14,14	16,16	11,13		
1	10,12	14,14	13,13	16,26	11,11	11,11	
	19,21	14,14.2	29,31	11,15	X,X	11,11	
	19,26			28.2,28.2	7,9.3	11,11	
	15,16	NR			NR		

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

AU286Y	PowerPlex® Fusion 6C					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15	28.2	7,9.3	11
	15,16	NR	NR	NR		
AVZ7N8	PowerPlex® Fusion 6C					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26	11,12	5,15	28.2,28.2	7,9.3	11,11
	15,16					
AX8NM4	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16	NR			NR	
AYYM22	PowerPlex® Fusion 6C					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26	11,12	5,15	28.2,28.2	7,9.3	11,11
	15,16					
B3FF72	GlobalFiler™ Express					
	15,16.3	17,25	14,14	16,16	11,13	-
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26	-	-	28.2,28.2	7,9.3	11,11
	15,16	-	-	-	-	
B4R7HQ	GlobalFiler™ (STRmix)					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16					
B7U4TJ	PowerPlex® Fusion 6C					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15	28.2	7,9.3	11
	15,16					

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

B98E7Q	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
B9LZHD	GlobalFiler™ Express					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16					
BAUPPB	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16	NR			NR	
BDYLNY	GlobalFiler™ Express					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
BFL799	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16					
BGZUQN	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16					
BLBWGP	GlobalFiler™ (STRmix)					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16					

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

BZ9X96	PowerPlex® Fusion 5C					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15		7,9.3	11
	15,16	NR				
BZRVLQ	GlobalFiler™ (STRmix)					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16					
BZVDT3	PowerPlex® Fusion 6C Direct					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15	28.2	7,9.3	11
	15,16					
C8N6E2	PowerPlex® Fusion 6C					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15	28.2	7,9.3	11
	15,16					
CB3PCA	PowerPlex® Fusion 6C					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15	28.2	7,9.3	11
	15,16					
CBZ77Y	Investigator® 24plex					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16					
CCJNNL	PowerPlex® 6C					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15	28.2	7,9.3	11
	15,16					

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

CE7FLB	GlobalFiler™ (STRmix)					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
CJZGK4	PowerPlex® Fusion 6C					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26	11,12	5,15	28.2,28.2	7,9.3	11,11
	15,16					
CNQRV3	GlobalFiler™ Express					
	15,16.3	17,25	14	16	11,13	NT
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	NT	NT	28.2	7,9.3	11
	15,16	NR	NT	NT	NR	
CQXATX	GlobalFiler™ Express (STRmix)					
	15,16.3	17,25	14	16	11,13	NT
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	NT	NT	28.2	7,9.3	11
	15,16	NR	NT	NT	NR	
CT7YJ2	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16	NR			NR	
CTP6HR	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
CWAXUU	GlobalFiler™ Express					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16	NR			NR	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

CWLPLB	Investigator® 24plex QS					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
D6UPBJ	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
DAA9LY	PowerPlex® Fusion 6C					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15	28.2	7,9.3	11
	15,16					
DBLRKA	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
DHLAYM	GlobalFiler™ (STRmix)					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16					
DLKNMC	GlobalFiler™ (STRmix)					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
DNLUXB	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

DT22LB	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
DTYGPV	GlobalFiler™ Express					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X,X	11
	19,26			28.2	7,9.3	11
	15,16	NM			NM	
DW3APL	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16	---			---	
E76ZUT	PowerPlex® Fusion					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15		7,9.3	11
	15,16	NR				
E77KWB	PowerPlex® Fusion 6C					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15	28.2	7,9.3	11
	15,16					
EA8NQH	GlobalFiler™ Express					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16	NID			NID	
EEYTG2	PowerPlex® Fusion 6C					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26	11,12	5,15	28.2,28.2	7,9.3	11,11
	15,16					

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

EHGACR	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
ELWUBZ	Investigator® 24plex QS, Flexplex27					
	15,16.3	17,25	14,14	16,16	11,13	12,22.3
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26	n/a	5,15	28.2,28.2	7,9.3	11,11
	15,16	n/a	n/a	n/a	n/a	
EM9GVZ	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16	NR			NR	
ENA8AV	PowerPlex® Fusion 6C Direct					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15	28.2	7,9.3	11
	15,16					
EQN2T9	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16					
ERNR94	PowerPlex® Fusion 6C					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26	11,12	5,15	28.2,28.2	7,9.3	11,11
	15,16					
EUD6QM	Investigator® 24plex QS (STRmix)					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16					

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

EV6ELA	GlobalFiler™ Express					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16					
EVHVQA	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16					
EXQ2EW	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	NT
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	NT	NT	28.2	7,9.3	11
	15,16	NR	NT	NT	NR	
EZHZTV	GlobalFiler™ Express					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
EZWJDR	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
F342CN	GlobalFiler™ Direct					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
F3DCHR	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16					

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

F3GXE8	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16	---			---	
F8BREU	GlobalFiler™ (STRmix)					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16	NR			NR	
F8UK7Q	GlobalFiler™ Express					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X,X	11
	19,26			28.2	7,9.3	11
	15,16	NM			NM	
FBD3H4	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
FBEMXW	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16	NR			NR	
FCRW9H	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
FDGBQ2	PowerPlex® Fusion 5C					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15		7,9.3	11
	15,16	NR				

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

FGFLM2	PowerPlex® Fusion 5C					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15		7,9.3	11
	15,16	NR				
FPCCE3	PowerPlex® Fusion 6C					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26	11,12	5,15	28.2,28.2	7,9.3	11,11
	15,16					
FR3M3B	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16					
FTCEQ6	Identifiler® Plus					
		17,25		16,16	11,13	
1	10,12	14,14			11,11	11,11
	19,21	14,14.2	29,31		X,X	11,11
	19,26				7,9.3	11,11
	15,16					
FTUWYX	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16	NR			NR	
FXJHLQ	Identifiler® Direct					
		17,25		16,16	11,13	
1	10,12	14,14			11,11	11,11
	19,21	14,14.2	29,31		X,X	11,11
	19,26				7,9.3	11,11
	15,16					
G27BHE	PowerPlex® Fusion 6C					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15	28.2	7,9.3	11
	15,16					

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

G3Y4DX	GlobalFiler™ Express					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16	NR			NR	
G7GX26	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16	no results			no results	
GAW7P4	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
GGJL9M	GlobalFiler™ Direct					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
GJH4X2	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16	NR			NR	
GU2B64	PowerPlex® Fusion 6C					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26	11,12	5,15	28.2,28.2	7,9.3	11,11
	15,16					
GW8WVP	GlobalFiler™ Express					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

H2KU3C	GlobalFiler™ Express					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
H2YME7	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
H4QLT4	PowerPlex® Fusion 6C					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15	28.2	7,9.3	11
	15,16					
HBTLER	PowerPlex® Fusion 6C Direct					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15	28.2	7,9.3	11
	15,16					
HDU737	Identifiler® Plus					
		17,25		16,16	11,13	
1	10,12	14,14			11,11	11,11
	19,21	14,14.2	29,31		X,X	11,11
	19,26				7,9.3	11,11
	15,16					
HEMPWX	PowerPlex® Fusion 6C					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26	11,12	5,15	28.2,28.2	7,9.3	11,11
	15,16					
HNANN3	PowerPlex® Fusion 6C					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15	28.2	7,9.3	11
	15,16					

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

HNE4Z4	GlobalFiler™ (STRmix)					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
HW8FWW	PowerPlex® Fusion 6C					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26	11,12	5,15	28.2,28.2	7,9.3	11,11
	15,16					
J2BNRR	PowerPlex® Fusion 6C					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26	11,12	5,15	28.2,28.2	7,9.3	11,11
	15,16					
J2W3HP	GlobalFiler™ Express					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X,X	11
	19,26			28.2	7,9.3	11
	15,16	NM			NM	
J3QBJ2	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
J4ME4G	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16	No Results			No Results	
J7QWFQ	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X,X	11
	19,26			28.2	7,9.3	11
	15,16					

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

JDLYH3	Identifiler® Plus					
		17,25		16,16	11,13	
1	10,12	14,14			11,11	11,11
	19,21	14,14.2	29,31		X,X	11,11
	19,26				7,9.3	11,11
	15,16					
JE42E3	GlobalFiler™ Direct (STRmix)					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
JJUFZ4	PowerPlex® Fusion 6C					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15	28.2	7,9.3	11
	15,16					
JRRWXN	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15	28.2	7,9.3	11
	15,16					
JVKEHT	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X,X	11
	19,26			28.2	7,9.3	11
	15,16					
K4XFPF	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16	No Results			No Results	
K9TGGW	PowerPlex® Fusion 5C					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15		7,9.3	11
	15,16	NT				

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

KQDXVQ	GlobalFiler™						
	15,16.3	17,25	14	16	11,13	NT	
1	10,12	14	13	16,26	11	11	
	19,21	14,14.2	29,31	11,15	X	11	
	19,26	NT	NT	28.2	7,9.3	11	
	15,16	NR	NT	NT	NR		
KQEV6L	GlobalFiler™						
	15,16.3	17,25	14	16	11,13		
1	10,12	14	13	16,26	11	11	
	19,21	14,14.2	29,31	11,15	X	11	
	19,26			28.2	7,9.3	11	
	15,16						
KQTGEN	GlobalFiler™ Express						
	15,16.3	17,25	14	16	11,13		
1	10,12	14	13	16,26	11	11	
	19,21	14,14.2	29,31	11,15	X	11	
	19,26			28.2	7,9.3	11	
	15,16						
KR6UJK	GlobalFiler™ Direct						
	15,16.3	17,25	14	16	11,13		
1	10,12	14	13	16,26	11	11	
	19,21	14,14.2	29,31	11,15	X	11	
	19,26			28.2	7,9.3	11	
	15,16						
KU9P3M	GlobalFiler™						
	15,16.3	17,25	14	16	11,13		
1	10,12	14	13	16,26	11	11	
	19,21	14,14.2	29,31	11,15	X	11	
	19,26			28.2	7,9.3	11	
	15,16						
KUTF4V	Investigator® 24plex QS						
	15,16.3	17,25	14,14	16,16	11,13	N/A	
1	10,12	14,14	13,13	16,26	11,11	11,11	
	19,21	14,14.2	29,31	11,15	X,X	11,11	
	19,26	N/A	N/A	28.2,28.2	7,9.3	11,11	
	15,16	N/A	N/A	N/A	N/A		
KV78WC	GlobalFiler™ (TrueAllele)						
	15,16.3	17,25	14	16	11,13		
1	10,12	14	13	16,26	11	11	
	19,21	14,14.2	29,31	11,15	X	11	
	19,26			28.2	7,9.3	11	
	15,16						

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

KV7BKL	Identifiler® Plus (EuroForMix)					
		17,25		16,16	11,13	
1	10,12	14,14			11,11	11,11
	19,21	14,14.2	29,31		X,X	11,11
	19,26				7,9.3	11,11
	15,16					
KVKNXW	PowerPlex® Fusion 6C					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26	11,12	5,15	28.2,28.2	7,9.3	11,11
	15,16					
KY4PU4	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
L272CP	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
L2AZJZ	Identifiler® Plus					
		17,25		16,16	11,13	
1	10,12	14,14			11,11	11,11
	19,21	14,14.2	29,31		X,X	11,11
	19,26				7,9.3	11,11
	15,16					
L8NGU2	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16					
LCLTXE	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

LCLZXK	GlobalFiler™ Express					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
LJNZJ9	GlobalFiler™ Express					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16	NID			NID	
LLFW93	GlobalFiler™ Express					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16					
LNK2TW	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16	NR			NR	
LU7QWK	GlobalFiler™ Express (STRmix)					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
M2JYXL	PowerPlex® Fusion 6C					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15	28.2	7,9.3	11
	15,16	NR	NR	NR		
M7GC3Y	PowerPlex® Fusion 6C					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15	28.2	7,9.3	11
	15,16					

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

MJ4T6X	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16	NR			NR	
MPPH9K	home made multiplex					
	15,16.3		14,14	16,16		
1		14,14	13,13	16,26		11,11
	19,21		29,31	11,15	X,X	
	19,26			28.2,28.2	7,9.3	11,11
	15,16					
MUGD2Y	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16	No results			No results	
MW72QY	Identifiler® Plus					
		17,25		16,16	11,13	
1	10,12	14,14			11,11	11,11
	19,21	14,14.2	29,31		X,X	11,11
	19,26				7,9.3	11,11
	15,16					
MXKKBW	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16					
N24TKG	GlobalFiler™ Express					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
N43DZ2	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

N7TF8A	PowerPlex® Fusion 6C					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15	28.2	7,9.3	11
	15,16					
N9JRT2	GlobalFiler™ Express					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
N9X69X	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16	no results			no results	
NE8AEP	PowerPlex® Fusion 6C Direct					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15	28.2	7,9.3	11
	15,16					
NEN9NG	GlobalFiler™ Direct					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
NQGWFA	GlobalFiler™ (STRmix)					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
NT6DMW	Identifiler® Plus					
		17,25		16,16	11,13	
1	10,12	14,14			11,11	11,11
	19,21	14,14.2	29,31		X,X	11,11
	19,26				7,9.3	11,11
	15,16					

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

NX2RHY	PowerPlex® Fusion 6C					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15	28.2	7,9.3	11
	15,16					
NZPHQJ	Identifiler® Plus					
		17,25		16,16	11,13	
1	10,12	14,14			11,11	11,11
	19,21	14,14.2	29,31		X,X	11,11
	19,26				7,9.3	11,11
	15,16					
P4HWKX	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16					
P9DRDJ	PowerPlex® Fusion 6C					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15	28.2	7,9.3	11
	15,16					
PB4PXJ	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
PEGPUB	GlobalFiler™ (GeneMapper ID-X 1.5)					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16					
PH3CMX	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16	no results			no results	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

PH7UU9	GlobalFiler™ (STRmix)					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
PJV9CR	PowerPlex® Fusion 5C					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15		7,9.3	11
	15,16	NR				
PNRRFB	Identifiler® Plus					
		17,25		16,16	11,13	
1	10,12	14,14			11,11	11,11
	19,21	14,14.2	29,31		X,X	11,11
	19,26				7,9.3	11,11
	15,16					
PRBZQW	GlobalFiler™ Direct (STRmix)					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
PZ44ZK	PowerPlex® Fusion 6C Direct					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15	28.2	7,9.3	11
	15,16					
Q4FL4L	PowerPlex® Fusion 5C					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15		7,9.3	11
	15,16	NR				
Q4Z3JN	Investigator® 24plex QS/GO!					
	15,16.3	17,25	14,14	16,16	11,13	N/A
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26	N/A	N/A	28.2,28.2	7,9.3	11,11
	15,16	N/A	N/A	N/A	N/A	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

Q6RP8T	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16	NR			NR	
QCGMXL	PowerPlex® Fusion 6C					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15	28.2	7,9.3	11
	15,16					
QH4HRY	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
QK8DB2	GlobalFiler™ (STRmix)					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16	-			-	
QNQCPW	PowerPlex® Fusion 6C					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15	28.2	7,9.3	11
	15,16					
QVQRE4	GlobalFiler™ (STRmix)					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16	-			-	
R28K49	GlobalFiler™ (STRmix)					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16					

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

RBDNRJ	GlobalFiler™ (STRmix v2.6.3)					
	15,16.3	17,25	14	16	11,13	NT
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	NT	NT	28.2	7,9.3	11
	15,16	NR	NT	NT	NR	
RBTXUR	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16					
RBUV6M	Investigator® 24plex QS, FLEXPLEX 27					
	15,16.3	17,25	14,14	16,16	11,13	12,22.3
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26	5,15	N/A	28.2,28.2	7,9.3	11,11
	15,16	N/A	N/A	N/A	N/A	
RCQCBH	PowerPlex® Fusion 6C Direct					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15	28.2	7,9.3	11
	15,16					
RDKUJL	ESI17 FAST					
	15,16.3	17,25	14,14	16,16		
1		14,14	13,13	16,26		11,11
	19,21	14,14.2	29,31	11,15	X,X	
	19,26			28.2,28.2	7,9.3	
	15,16					
RET9PR	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16					
RF6VAR	PowerPlex® Fusion 6C					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26	11,12	5,15	28.2,28.2	7,9.3	11,11
	15,16					

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

RGK6EL	PowerPlex® ESI-17 FAST					
	15,16.3	17,25	14,14	16,16		
1		14,14	13,13	16,26		11,11
	19,21	14,14.2	29,31	11,15	X,X	
	19,26			28.2,28.2	7,9.3	
	15,16					
RKJER9	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
RLW7JP	PowerPlex® Fusion 6C					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26	11,12	5,15	28.2,28.2	7,9.3	11,11
	15,16					
RNHN2B	GlobalFiler™ (STRmix)					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16					
RPCE8P	PowerPlex® Fusion 6C					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26	11,12	5,15	28.2,28.2	7,9.3	11,11
	15,16					
RRXFQH	GlobalFiler™ (STRmix)					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16				NR	
RW9HQR	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16					

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

RYZEFL	GlobalFiler™ Express					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X,X	11
	19,26			28.2	7,9.3	11
	15,16	NM			NM	
T3F9TX	Investigator® 24plex (STRmix)					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16	NR				
T7FCM7	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16					
T7XG4J	GlobalFiler™ Express (STRmix)					
	15,16.3	17,25	14	16	11,13	NT
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	NT	NT	28.2	7,9.3	11
	15,16	NR	NT	NT	NR	
TACZ2R	Identifiler® Plus					
		17,25		16,16	11,13	
1	10,12	14,14			11,11	11,11
	19,21	14,14.2	29,31		X,X	11,11
	19,26				7,9.3	11,11
	15,16					
TAFNJ7	Investigator® 24plex QS (STRmix)					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16					
TEQXAE	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

TETJ6V	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
THLPFQ	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16					
TKEL4K	GlobalFiler™ Express					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X,X	11
	19,26			28.2	7,9.3	11
	15,16	NM			NM	
TNH83H	PowerPlex® Fusion 6C					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26	11,12	5,15	28.2,28.2	7,9.3	11,11
	15,16					
TNHXGD	PowerPlex® 21 (STRmix)					
	15,16.3	17,25		16,16	11,13	12,22.3
1	10,12	14,14		16,26	11,11	11,11
	19,21	14,14.2	29,31		X,X	11,11
	19,26	11,12	5,15		7,9.3	11,11
	15,16					
TRVWJ7	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16	N/D			N/D	
TU7UXN	PowerPlex® Fusion 6C					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26	11,12	5,15	28.2,28.2	7,9.3	11,11
	15,16					

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

TVARXJ	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16					
TWAPGR	PowerPlex® Fusion 6C					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26	11,12	5,15	28.2,28.2	7,9.3	11,11
	15,16					
TYCNRJ	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16	NR			NR	
U2KVWX	GlobalFiler™ (STRmix)					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
U3T9CE	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
U63FGR	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
U6K429	GlobalFiler™ (STRMix)					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16					

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

U9WEQG	PowerPlex® Fusion 6C					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15	28.2	7,9.3	11
	15,16					
UAW67C	PowerPlex® 21					
	15,16.3	17,25		16,16	11,13	12,22.3
1	10,12	14,14		16,26	11,11	11,11
	19,21	14,14.2	29,31		X,X	11,11
	19,26	11,12	5,15		7,9.3	11,11
	15,16					
UD9496	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16					
UFZ3M4	GlobalFiler™ Express					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16					
UJ6LVW	GlobalFiler™ (STRmix)					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
UKEMYJ	PowerPlex® Fusion 6C Direct					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15	28.2	7,9.3	11
	15,16					
ULKGAA	GlobalFiler™ Direct (STRmix)					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

UM38JT	GlobalFiler™						
	15,16.3	17,25	14	16	11,13		
1	10,12	14	13	16,26	11	11	
	19,21	14,14.2	29,31	11,15	X	11	
	19,26			28.2	7,9.3	11	
	15,16	NR			NR		
UMYPCH	PowerPlex® Fusion 5C						
	15,16.3	17,25	14	16	11,13		
1	10,12	14	13	16,26	11	11	
	19,21	14,14.2	29,31	11,15	X	11	
	19,26	11,12	5,15		7,9.3	11	
	15,16	NR					
UQZPX9	GlobalFiler™ Direct						
	15,16.3	17,25	14	16	11,13		
1	10,12	14	13	16,26	11	11	
	19,21	14,14.2	29,31	11,15	X	11	
	19,26			28.2	7,9.3	11	
	15,16						
UZ377Q	PowerPlex® Fusion 6C						
	15,16.3	17,25	14	16	11,13		
1	10,12	14	13	16,26	11	11	
	19,21	14,14.2	29,31	11,15	X	11	
	19,26	11,12	5,15	28.2	7,9.3	11	
	15,16						
V9DVH4	GlobalFiler™ (STRmix)						
	15,16.3	17,25	14	16	11,13		
1	10,12	14	13	16,26	11	11	
	19,21	14,14.2	29,31	11,15	X	11	
	19,26			28.2	7,9.3	11	
	15,16						
VBHHYE	GlobalFiler™						
	15,16.3	17,25	14	16	11,13		
1	10,12	14	13	16,26	11	11	
	19,21	14,14.2	29,31	11,15	X	11	
	19,26			28.2	7,9.3	11	
	15,16	NR			NR		
VDAEN9	GlobalFiler™ Direct						
	15,16.3	17,25	14	16	11,13		
1	10,12	14	13	16,26	11	11	
	19,21	14,14.2	29,31	11,15	X	11	
	19,26			28.2	7,9.3	11	
	15,16						

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

VDNBZM	GlobalFiler™						
	15,16.3	17,25	14,14	16,16	11,13		
1	10,12	14,14	13,13	16,26	11,11	11,11	
	19,21	14,14.2	29,31	11,15	X,X	11,11	
	19,26			28.2,28.2	7,9.3	11,11	
	15,16	NR			NR		
VFEYDU	GlobalFiler™ (STRmix)						
	15,16.3	17,25	14	16	11,13		
1	10,12	14	13	16,26	11	11	
	19,21	14,14.2	29,31	11,15	X	11	
	19,26			28.2	7,9.3	11	
	15,16						
VGPWRB	Investigator® 24plex GO!						
	15,16.3	17,25	14	16	11,13		
1	10,12	14	13	16,26	11	11	
	19,21	14,14.2	29,31	11,15	X	11	
	19,26			28.2	7,9.3	11	
	15,16						
VGT7YB	GlobalFiler™						
	15,16.3	17,25	14	16	11,13		
1	10,12	14	13	16,26	11	11	
	19,21	14,14.2	29,31	11,15	X	11	
	19,26			28.2	7,9.3	11	
	15,16						
VK6GPK	PowerPlex® Fusion 6C						
	15,16.3	17,25	14,14	16,16	11,13		
1	10,12	14,14	13,13	16,26	11,11	11,11	
	19,21	14,14.2	29,31	11,15	X,X	11,11	
	19,26	11,12	5,15	28.2,28.2	7,9.3	11,11	
	15,16						
VKRKKF	GlobalFiler™ Express						
	15,16.3	17,25	14	16	11,13	NT	
1	10,12	14	13	16,26	11	11	
	19,21	14,14.2	29,31	11,15	X	11	
	19,26	NT	NT	28.2	7,9.3	11	
	15,16	NR	NT	NT	NR		
VMTV93	PowerPlex® Fusion 6C						
	15,16.3	17,25	14	16	11,13		
1	10,12	14	13	16,26	11	11	
	19,21	14,14.2	29,31	11,15	X	11	
	19,26	11,12	5,15	28.2	7,9.3	11	
	15,16						

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

VT4Y6W	GlobalFiler™ (STRmix)					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16	-			-	
VXFM6T	Investigator® 24plex QS					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
W28DLN	PowerPlex® Fusion 6C					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15	28.2	7,9.3	11
	15,16					
W74XRT	GlobalFiler™ (STRmix)					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
W7MVVT	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16					
WD4WAP	GlobalFiler™					
	15,16.3	17,26	14	16	11,13	NA
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	NA	NA	28.2	7,9.3	11
	15,16	NA	NA	NA	NA	
WFDKME	PowerPlex® Fusion 6C					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15	28.2	7,9.3	11
	15,16					

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

WJMW9U	PowerPlex® Fusion 5C					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15		7,9.3	11
	15,16					
WK4TZT	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16					
WN34WT	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16					
WPFRFT	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	-	-	28.2	7,9.3	11
	15,16	-	-	-	-	
WTCK6G	Investigator® 24plex GO!, QS					
	15,16.3	17,25	14,14	16,16	11,13	N/A
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26	N/A	N/A	28.2,28.2	7,9.3	11,11
	15,16	N/A	N/A	N/A	N/A	
WYAQFE	GlobalFiler™ (STRmix)					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16	NR			NR	
X2737B	GlobalFiler™ (STRmix)					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16	N/A			N/A	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

X28M8T	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16	no results			no results	
X4FQ4P	PowerPlex® Fusion 6C					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15	28.2	7,9.3	11
	15,16					
XAZVRJ	PowerPlex® Fusion 5C					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15		7,9.3	11
	15,16	NT				
XBXCYF	PowerPlex® Fusion 6C Direct					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15	28.2	7,9.3	11
	15,16					
XEU3WE	GlobalFiler™ Express					
	15,16.3	17,25	14	16	11,13	NT
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	NT	NT	28.2	7,9.3	11
	15,16	NR	NT	NT	NR	
XLDKNM	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
XPWCGH	PowerPlex® Fusion 6C					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15	28.2	7,9.3	11
	15,16	NR	NR	NR		

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

XUQ373	GlobalFiler™ (STRmix)					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
XXQ9RY	FlexPlex					
	15,16.3	17,25	14	16	11,13	12,22.3
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26		5,15	28.2	7,9.3	11
	15,16	NID	NID	NID		
Y692G4	GlobalFiler™ Direct (STRmix)					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
YAGGPT	GlobalFiler™ (STRmix)					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
YDJDG9	PowerPlex® 21					
	15,16.3	17,25		16,16	11,13	12,22.3
1	10,12	14,14		16,26	11,11	11,11
	19,21	14,14.2	29,31		X,X	11,11
	19,26	11,12	5,15		7,9.3	11,11
	15,16					
YL8DP6	GlobalFiler™ Direct					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
YM24VJ	PowerPlex® Fusion 6C					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15	28.2	7,9.3	11
	15,16					

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

YMH34B	GlobalFiler™						
	15,16.3	17,25	14	16	11,13		
1	10,12	14	13	16,26	11	11	
	19,21	14,14.2	29,31	11,15	X,X	11	
	19,26			28.2	7,9.3	11	
	15,16						
YMLKBM	PowerPlex® Fusion 6C						
	15,16.3	17,25	14	16	11,13		
1	10,12	14	13	16,26	11	11	
	19,21	14,14.2	29,31	11,15	X	11	
	19,26	11,12	5,15	28.2	7,9.3	11	
	15,16						
YQMLD6	GlobalFiler™ Direct						
	15,16.3	17,25	14	16	11,13		
1	10,12	14	13	16,26	11	11	
	19,21	14,14.2	29,31	11,15	X	11	
	19,26			28.2	7,9.3	11	
	15,16						
YRWZCX	Investigator® 24plex QS						
	15,16.3	17,25	14,14	16,16	11,13	N/A	
1	10,12	14,14	13,13	16,26	11,11	11,11	
	19,21	14,14.2	29,31	11,15	X,X	11,11	
	19,26	N/A	N/A	28.2,28.2	7,9.3	11,11	
	15,16	N/A	N/A	N/A	N/A		
YUHL6L	GlobalFiler™						
	15,16.3	17,25	14,14	16,16	11,13		
1	10,12	14,14	13,13	16,26	11,11	11,11	
	19,21	14,14.2	29,31	11,15	X,X	11,11	
	19,26			28.2,28.2	7,9.3	11,11	
	15,16						
YUZLAW	PowerPlex® Fusion 6C, GlobalFiler™ Express						
	15,16.3	17,25	14,14	16,16	11,13		
1	10,12	14,14	13,13	16,26	11,11	11,11	
	19,21	14,14.2	29,31	11,15	X,X	11,11	
	19,26	11,12	5,15	28.2,28.2	7,9.3	11,11	
	15,16						
YWAKHJ	GlobalFiler™						
	15,16.3	17,25	14,14	16,16	11,13		
1	10,12	14,14	13,13	16,26	11,11	11,11	
	19,21	14,14.2	29,31	11,15	X,X	11,11	
	19,26			28.2,28.2	7,9.3	11,11	
	15,16	NR			NR		

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

YWTHYP	GlobalFiler™					
	12,14	18,23	11,14	15,17	11	
1	9,11	14	13,14	17,18	11,13	12,13
	16,17	13,14	27,29	11,17	X,Y	11,13
	19,22			19,20	7,9	9
	15,21	10			2	
Z2HQRH	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16	ND			ND	
Z38WRL	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16	no result			no result	
Z7PGUN	Identifiler® Plus					
		17,25		16,16	11,13	
1	10,12	14,14			11,11	11,11
	19,21	14,14.2	29,31		X,X	11,11
	19,26				7,9.3	11,11
	15,16					
ZCZVR8	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
ZDTRF2	GlobalFiler™ (STRmix v2.6)					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16					
ZJKW8K	PowerPlex® Fusion 6C					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26	11,12	5,15	28.2,28.2	7,9.3	11,11
	15,16					

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

ZLPJNV	Investigator® 24plex GO! (TrueAllele Casework System)					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X,X	11
	19,26			28.2	7,9.3	11
	15,16	no result				
ZLT3V8	PowerPlex® 21					
	15,16.3	17,25		16,16	11,13	12,22.3
1	10,12	14,14		16,26	11,11	11,11
	19,21	14,14.2	29,31		X,X	11,11
	19,26	11,12	5,15		7,9.3	11,11
	15,16					
ZMHFDP	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
ZP7X4P	GlobalFiler™					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26			28.2	7,9.3	11
	15,16					
ZPQ6LM	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
1	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16	No Results			No Results	
ZQKDLW	FlexPlex					
	15,16.3	17,25	14	16	11,13	12,22.3
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X,X	11
	INC		5,15	INC	7,9.3	11
	15,16					
ZVECWL	PowerPlex® Fusion 6C					
	15,16.3	17,25	14	16	11,13	
1	10,12	14	13	16,26	11	11
	19,21	14,14.2	29,31	11,15	X	11
	19,26	11,12	5,15	28.2	7,9.3	11
	15,16					

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

ZW3T49	GlobalFiler™ Express						
	15,16.3	17,25	14	16	11,13		
1	10,12	14	13	16,26	11	11	
	19,21	14,14.2	29,31	11,15	X,X	11	
	19,26			28.2	7,9.3	11	
	15,16	NM			NM		
ZW7BBJ	PowerPlex® Fusion 6C						
	15,16.3	17,25	14,14	16,16	11,13		
1	10,12	14,14	13,13	16,26	11,11	11,11	
	19,21	14,14.2	29,31	11,15	X,X	11,11	
	19,26	11,12	5,15	28.2,28.2	7,9.3	11,11	
	15,16						
ZWQ38B	PowerPlex® Fusion 6C Direct						
	15,16.3	17,25	14	16	11,13		
1	10,12	14	13	16,26	11	11	
	19,21	14,14.2	29,31	11,15	X	11	
	19,26	11,12	5,15	28.2	7,9.3	11	
	15,16						
ZY7NMB	GlobalFiler™ Express						
	15,16.3	17,25	14	16	11,13		
1	10,12	14	13	16,26	11	11	
	19,21	14,14.2	29,31	11,15	X,X	11	
	19,26			28.2	7,9.3	11	
	15,16	NM			NM		

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

24HYDK	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
24Y4VH	PowerPlex® Fusion 6C					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16,16	10	17	16		
28MBKL	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
2ANR8F	PowerPlex® Fusion 5C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,[16]	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14		7,9.3	8,11
	16	10				
2BFNWA	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
2JBQYL	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
2JUMC7	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

2LKLQ6	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
2MWXFG	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
2PZ4Z9	GlobalFiler™ Express					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
2Y6D8Y	GlobalFiler™ (STRmix)					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
32Q74M	GlobalFiler™ Express					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10				
376Y28	GlobalFiler™ Express (STRmix)					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
37K84F	PowerPlex® Fusion 6C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

3EG37K	Investigator® 24plex QS					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10				
3EUHBL	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
3G82KJ	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
3HDQK8	GlobalFiler™ Express					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
3MTY97	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
3XCGH6	GlobalFiler™ Express (STRmix)					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
3XDAHX	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

3ZXGJ7	GlobalFiler™ Express					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
427X84	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
47F8GL	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	-	-	17,24.2	7,9.3	8,11
	16	10	-	-	2	
47KGPK	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
4A6E6N	GlobalFiler™ (STRmix)					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
4DZ7DL	GlobalFiler™ Express					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
4LUB62	GlobalFiler™ Express					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

4N2T6H	GlobalFiler™ Direct					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
4RH8KC	PowerPlex® Fusion 6C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
4V2YWE	Identifiler® Plus					
		24,24		15,17	11,12	
2	9,12	10,14			12,13	11,12
	17,18	13,15	29,30.2		X,Y	11,12
	21,23				7,9.3	8,11
	16,16					
4WUWF7	GlobalFiler™ (STRmix)					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
4YEYT7	PowerPlex® Fusion 6C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
66NBRR	GlobalFiler™ Express					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
66YGNT	PowerPlex® Fusion 6C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

69NLNR	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
6DFXG3	GlobalFiler™ Express					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
6DW3WF	PowerPlex® Fusion 6C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
6JP66L	GlobalFiler™ (STRmix)					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
6LBQX9	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
6MJ9NR	NGM SElect					
	12,17	24,24	11,14	15,17		
2		10,14	13,16	18,19		11,12
	17,18	13,15	29,30.2	15,16	X,Y	
	21,23			17,24.2	7,9.3	
	16,16					
6RWTUD	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

6RYFCR	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
72HEDG	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
72XQ4Y	GlobalFiler™ Express					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
784AG7	GlobalFiler™ Express					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
79GU9F	PowerPlex® Fusion 6C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
7GCRZP	Investigator® 24plex GO! (TrueAllele)					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10				
7NWTF3	GlobalFiler™ (STRmix)					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

7QY324	GlobalFiler™ Express					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
7UWGPT	GlobalFiler™ Express					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
7VEBP4	PowerPlex® Fusion 6C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
7WJ3GG	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
7YA2VE	Identifiler® Plus					
		24,24		15,17	11,12	
2	9,12	10,14			12,13	11,12
	17,18	13,15	29,30.2		X,Y	11,12
	21,23				7,9.3	8,11
	16,16					
7YWHYN	PowerPlex® Fusion 6C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
7YXTZF	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	Not tested
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	Not tested	Not tested	17,24.2	7,9.3	8,11
	16,16	10	Not tested	Not tested	2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

874UGE	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
87QKLF	GlobalFiler™ Express					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
87RUM6	GlobalFiler™ Express					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
884KVA	PowerPlex® Fusion 6C					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16,16	10	17	16		
8B9463	PowerPlex® Fusion 6C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
8NTJ93	PowerPlex® Fusion 6C Direct					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
8XW3ZW	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

8YTV6B	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	NT
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	NT	NT	17,24.2	7,9.3	8,11
	16,16	10	NT	NT	2	
92Q9AT	GlobalFiler™ (STRmix)					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
92R6GH	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
96BB2X	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
9BGUD6	ESI17					
	12,17	24,24	11,14	15,17		
2		10,14	13,16	18,19		11,12
	17,18	13,15	29,30.2	15,16	X,Y	
	21,23			17,24.2	7,9.3	
	16,16					
9BJCKG	PowerPlex® Fusion 6C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
9C8F3A	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

9EKDMY	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
9NGR23	PowerPlex® Fusion					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14		7,9.3	8,11
	16,16	10				
9QRL6G	GlobalFiler™ Express					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10				
9V67B3	GlobalFiler™ (STRmix)					
	12,17	24	11,14	15,17	11,12	NT
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	NT	NT	17,24.2	7,9.3	8,11
	16	10	NT	NT	2	
9ZXCLY	GlobalFiler™ Express					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
A27N2E	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
A4BCHP	Identifiler®					
		24,24		15,17	11,12	
2	9,12	10,14			12,13	11,12
	17,18	13,15	29,30.2		X,Y	11,12
	21,23				7,9.3	8,11
	16,16					

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

A6N7W6	Investigator® 24plex QS					
	12,17	24,24	11,14	15,17	11,12	N/A
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	N/A	N/A	17,24.2	7,9.3	8,11
	16,16	10	N/A	N/A	N/A	
A9KX3G	PowerPlex® Fusion 5C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14		7,9.3	8,11
	16	10				
A9R8EA	PowerPlex® 5C					
	12,17	24	11,14	15,17	11,12	--
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	--	7,9.3	8,11
	16	10	--	--	--	
AALLR8	PowerPlex® Fusion 6C					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16,16	10	17	16		
ACLX6Y	PowerPlex® Fusion 6C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
AHCB7M	GlobalFiler™ Express					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
AJ6427	PowerPlex® Fusion 6C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

AJQFZE	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
AKDGH8	Identifiler® Plus					
		24,24		15,17	11,12	
2	9,12	10,14			12,13	11,12
	17,18	13,15	29,30.2		X,Y	11,12
	21,23				7,9.3	8,11
	16,16					
ALCDGH	GlobalFiler™ (STRmix)					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
AMPWC9	Identifiler® Plus					
		24,24		15,17	11,12	
2	9,12	10,14			12,13	11,12
	17,18	13,15	29,30.2		X,Y	11,12
	21,23				7,9.3	8,11
	16,16					
ANF69V	GlobalFiler™ Express					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
ATG6RZ	GlobalFiler™ (STRmix)					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
AU286Y	PowerPlex® Fusion 6C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

AVZ7N8	PowerPlex® Fusion 6C					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16,16	10	17	16		
AX8NM4	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
AYYM22	PowerPlex® Fusion 6C					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16,16	10	17	16		
B3FF72	GlobalFiler™ Express					
	12,17	24,24	11,14	15,17	11,12	-
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	-	-	17,24.2	7,9.3	8,11
	16,16	10	-	-	2	
B4R7HQ	GlobalFiler™ (STRmix)					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
B7U4TJ	PowerPlex® Fusion 6C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
B98E7Q	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

B9LZHD	GlobalFiler™ Express					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
BAUPPB	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
BDYLNY	GlobalFiler™ Express					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
BFL799	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
BGZUQN	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
BLBWGP	GlobalFiler™ (STRmix)					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
BZ9X96	PowerPlex® Fusion 5C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14		7,9.3	8,11
	16	10				

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

BZRVLQ	GlobalFiler™ (STRmix)					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
BZVDT3	PowerPlex® Fusion 6C Direct					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
C8N6E2	PowerPlex® Fusion 6C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
CB3PCA	PowerPlex® Fusion 6C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
CBZ77Y	Investigator® 24plex					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10				
CCJNNL	PowerPlex® 6C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
CE7FLB	GlobalFiler™ (STRmix)					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

CJZGK4	PowerPlex® Fusion 6C					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16,16	10	17	16		
CNQRV3	GlobalFiler™ Express					
	12,17	24	11,14	15,17	11,12	NT
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	NT	NT	17,24.2	7,9.3	8,11
	16	10	NT	NT	2	
CQXATX	GlobalFiler™ Express (STRmix)					
	12,17	24	11,14	15,17	11,12	NT
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	NT	NT	17,24.2	7,9.3	8,11
	16	10	NT	NT	2	
CT7YJ2	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
CTP6HR	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
CWAXUU	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
CWLPLB	Investigator® 24plex QS					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10				

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

D6UPBJ	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
DAA9LY	PowerPlex® Fusion 6C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
DBLRKA	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
DHLAYM	GlobalFiler™ (STRmix)					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
DLKNMC	GlobalFiler™ (STRmix)					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
DNLUXB	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
DT22LB	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

DTYGPV	GlobalFiler™ Express					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
DW3APL	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
E76ZUT	PowerPlex® Fusion					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14		7,9.3	8,11
	16	10				
E77KWB	PowerPlex® Fusion 6C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
EA8NQH	PowerPlex® Fusion 6C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
EEYTG2	PowerPlex® Fusion 6C					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16,16	10	17	16		
EHGACR	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

ELWUBZ	Investigator® 24plex QS, Flexplex27					
	12,17	24,24	11,14	15,17	11,12	12,14
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	n/a	12,14	17,24.2	7,9.3	8,11
	16,16	10	17	16	n/a	
EM9GVZ	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
ENA8AV	PowerPlex® Fusion 6C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
EQN2T9	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
ERNR94	PowerPlex® Fusion 6C					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16,16	10	17	16		
EUD6QM	Investigator® 24plex QS (STRmix)					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10				
EV6ELA	GlobalFiler™ Express					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

EVHVQA	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
EXQ2EW	GlobalFiler™ (STRmix)					
	12,17	24	11,14	15,17	11,12	NT
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	NT	NT	17,24.2	7,9.3	8,11
	16	10	NT	NT	2	
EZHZTV	GlobalFiler™ Express					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
EZWJDR	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
F342CN	GlobalFiler™ Direct					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
F3DCHR	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
F3GXE8	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

F8BREU	GlobalFiler™ (STRmix)					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
F8UK7Q	GlobalFiler™ Express					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
FBD3H4	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
FBEMXW	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
FCRW9H	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
FDGBQ2	PowerPlex® Fusion 5C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14		7,9.3	8,11
	16	10				
FGFLM2	PowerPlex® Fusion 5C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14		7,9.3	8,11
	16	10				

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

FPCCE3	PowerPlex® Fusion 6C					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16,16	10	17	16		
FR3M3B	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
FTCEQ6	Identifiler® Plus					
		24,24		15,17	11,12	
2	9,12	10,14			12,13	11,12
	17,18	13,15	29,30.2		X,Y	11,12
	21,23				7,9.3	8,11
	16,16					
FTUWYX	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
FXJHLQ	Identifiler® Direct					
		24,24		15,17	11,12	
2	9,12	10,14			12,13	11,12
	17,18	13,15	29,30.2		X,Y	11,12
	21,23				7,9.3	8,11
	16,16					
G27BHE	PowerPlex® Fusion 6C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
G3Y4DX	GlobalFiler™ Express					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

G7GX26	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
GAW7P4	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
GGJL9M	GlobalFiler™ Direct					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
GJH4X2	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,[Y]	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
GU2B64	PowerPlex® Fusion 6C					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16,16	10	17	16		
GW8WVP	GlobalFiler™ Express					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
H2KU3C	GlobalFiler™ Express					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10				

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

H2YME7	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
H4QLT4	PowerPlex® Fusion 6C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
HBTLER	PowerPlex® Fusion 6C Direct					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
HDU737	Identifiler® Plus					
		24,24		15,17	11,12	
2	9,12	10,14			12,13	11,12
	17,18	13,15	29,30.2		X,Y	11,12
	21,23				7,9.3	8,11
	16,16					
HEMPWX	PowerPlex® Fusion 6C					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16,16	10	17	16		
HNANN3	PowerPlex® Fusion 6C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
HNE4Z4	GlobalFiler™ (STRmix)					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

HW8FWW	PowerPlex® Fusion 6C					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16,16	10	17	16		
J2BNRR	PowerPlex® Fusion 6C					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16,16	10	17	16		
J2W3HP	GlobalFiler™ Express					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
J3QBJ2	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
J4ME4G	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
J7QWFQ	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
JDLYH3	Identifiler® Plus					
		24,24		15,17	11,12	
2	9,12	10,14			12,13	11,12
	17,18	13,15	29,30.2		X,Y	11,12
	21,23				7,9.3	8,11
	16,16					

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

JE42E3	GlobalFiler™ Direct (STRmix)					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
JJUFZ4	PowerPlex® Fusion 6C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
JRRWXN	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
JVKEHT	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
K4XFPF	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
K9TGGW	PowerPlex® Fusion 5C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14		7,9.3	8,11
	16	10				
KQDXVQ	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	NT
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	NT	NT	17,24.2	7,9.3	8,11
	16	10	NT	NT	2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

KQEV6L	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
KQTGEN	GlobalFiler™ Express					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
KR6UJK	GlobalFiler™ Direct					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
KU9P3M	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
KUTF4V	Investigator® 24plex QS, GO!					
	12,17	24,24	11,14	15,17	11,12	N/A
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	N/A	N/A	17,24.2	7,9.3	8,11
	16,16	10	N/A	N/A	N/A	
KV78WC	GlobalFiler™ (TrueAllele)					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
KV7BKL	Identifiler® Plus (EuroForMix)					
		24,24		15,17	11,12	
2	9,12	10,14			12,13	11,12
	17,18	13,15	29,30.2		X,Y	11,12
	21,23				7,9.3	8,11
	16,16					

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

KVKNXW	PowerPlex® Fusion 6C					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16,16	10	17	16		
KY4PU4	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
L272CP	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
L2AZJZ	Identifiler® Plus					
		24,24		15,17	11,12	
2	9,12	10,14			12,13	11,12
	17,18	13,15	29,30.2		X,Y	11,12
	21,23				7,9.3	8,11
	16,16					
L8NGU2	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
LCLTXE	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
LCLZXK	GlobalFiler™ Express					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

LJNZJ9	FlexPlex					
	12,17	24	11,14	15,17	11,12	12,14
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23		12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
LLFW93	GlobalFiler™ Express					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
LNK2TW	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
LU7QWK	GlobalFiler™ Express (STRmix)					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
M2JYXL	PowerPlex® Fusion 6C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
M7GC3Y	PowerPlex® Fusion 6C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
MJ4T6X	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

MPPH9K	home made multiplex					
	12,17		11,14	15,17		
2		10,14	13,16	18,19		11,12
	17,18		29,30.2	15,16	X,Y	
	21,23			17,24.2	7,9.3	8,11
	16,16					
MUGD2Y	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
MW72QY	Identifiler® Plus					
		24,24		15,17	11,12	
2	9,12	10,14			12,13	11,12
	17,18	13,15	29,30.2		X,Y	11,12
	21,23				7,9.3	8,11
	16,16					
MXKKBW	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
N24TKG	GlobalFiler™ Express					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
N43DZ2	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
N7TF8A	PowerPlex® Fusion 6C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

N9JRT2	GlobalFiler™ Express					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10				
N9X69X	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
NE8AEP	PowerPlex® Fusion 6C Direct					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
NEN9NG	GlobalFiler™ Direct					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
NQGWFA	GlobalFiler™ (STRmix)					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
NT6DMW	Identifiler® Plus					
		24,24		15,17	11,12	
2	9,12	10,14			12,13	11,12
	17,18	13,15	29,30.2		X,Y	11,12
	21,23				7,9.3	8,11
	16,16					
NX2RHY	PowerPlex® Fusion 6C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

NZPHQJ	Identifiler® Plus					
		24,24		15,17	11,12	
2	9,12	10,14			12,13	11,12
	17,18	13,15	29,30.2		X,Y	11,12
	21,23				7,9.3	8,11
	16,16					
P4HWKX	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
P9DRDJ	PowerPlex® Fusion 6C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
PB4PXJ	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
PEGPUB	GlobalFiler™ (GeneMapper ID-X 1.5)					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
PH3CMX	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
PH7UU9	GlobalFiler™ (STRmix)					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

PJV9CR	Investigator® 24plex					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10				
PNRRFB	Identifiler® Plus					
		24,24		15,17	11,12	
2	9,12	10,14			12,13	11,12
	17,18	13,15	29,30.2		X,Y	11,12
	21,23				7,9.3	8,11
	16,16					
PRBZQW	GlobalFiler™ Direct (STRmix)					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
PZ44ZK	PowerPlex® Fusion 6C Direct					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
Q4FL4L	PowerPlex® Fusion 5C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14		7,9.3	8,11
	16	10				
Q4Z3JN	FlexPlex27					
	12,17	24,24	11,14	15,17	11,12	12,14
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	N/A	12,14	17,24.2	7,9.3	8,11
	16,16	10	17	16	N/A	
Q6RP8T	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

QCGMXL	PowerPlex® Fusion 6C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
QH4HRY	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
QK8DB2	GlobalFiler™ (STRmix)					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
QNQCPW	PowerPlex® Fusion 6C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
QVQRE4	GlobalFiler™ (STRmix)					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
R28K49	GlobalFiler™ (STRmix)					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
RBDNRJ	GlobalFiler™ (STRmix v2.6.3)					
	12,17	24	11,14	15,17	11,12	NT
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	NT	NT	17,24.2	7,9.3	8,11
	16	10	NT	NT	2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

RBTXUR	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
RBUV6M	Investigator® 24plex GO!					
	12,17	24,24	11,14	15,17	11,12	N/A
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	N/A	N/A	17,24.2	7,9.3	8,11
	16,16	10	N/A	N/A	N/A	
RCQCBH	PowerPlex® Fusion 6C Direct					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
RDKUJL	ESI17 FAST					
	12,17	24,24	11,14	15,17		
2		10,14	13,16	18,19		11,12
	17,18	13,15	29,30.2	15,16	X,Y	
	21,23			17,24.2	7,9.3	
	16,16					
RET9PR	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
RF6VAR	PowerPlex® Fusion 6C					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16,16	10	17	16		
RGK6EL	PowerPlex® ESI-17 FAST					
	12,17	24,24	11,14	15,17		
2		10,14	13,16	18,19		11,12
	17,18	13,15	29,30.2	15,16	X,Y	
	21,23			17,24.2	7,9.3	
	16,16					

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

RKJER9	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
RLW7JP	PowerPlex® Fusion 6C					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16,16	10	17	16		
RNHN2B	GlobalFiler™ (STRmix)					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
RPCE8P	PowerPlex® Fusion 6C					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16,16	10	17	16		
RRXFQH	GlobalFiler™ (STRMix)					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
RW9HQR	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
RYZEFL	GlobalFiler™ Express					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

T3F9TX	Investigator® 24plex (STRmix)					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10				
T7FCM7	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
T7XG4J	GlobalFiler™ Express (STRmix)					
	12,17	24	11,14	15,17	11,12	NT
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	NT	NT	17,24.2	7,9.3	8,11
	16	10	NT	NT	2	
TACZ2R	Identifiler® Plus					
		24,24		15,17	11,12	
2	9,12	10,14			12,13	11,12
	17,18	13,15	29,30.2		X,Y	11,12
	21,23				7,9.3	8,11
	16,16					
TAFNJ7	Investigator® 24plex QS (STRmix)					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10				
TEQXAE	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
TETJ6V	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

THLPFQ	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
TKEL4K	GlobalFiler™ Express					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
TNH83H	PowerPlex® Fusion 6C					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16,16	10	17	16		
TNHXGD	PowerPlex® 21					
	12,17	24,24		15,17	11,12	12,14
2	9,12	10,14		18,19	12,13	11,12
	17,18	13,15	29,30.2		X,Y	11,12
	21,23	11,13	12,14		7,9.3	8,11
	16,16					
TRVWJ7	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
TU7UXN	PowerPlex® Fusion 6C					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16,16	10	17	16		
TVARXJ	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

TWAPGR	PowerPlex® Fusion 6C					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16,16	10	17	16		
TYCNRJ	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
U2KVWX	GlobalFiler™ (STRmix)					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
U3T9CE	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
U63FGR	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
U6K429	GlobalFiler™ (STRMix)					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
U9WEQG	PowerPlex® Fusion 6C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

UAW67C	PowerPlex® 21					
	12,17	24,24		15,17	11,12	12,14
2	9,12	10,14		18,19	12,13	11,12
	17,18	13,15	29,30.2		X,Y	11,12
	21,23	11,13	12,14		7,9.3	8,11
	16,16					
UD9496	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
UFZ3M4	GlobalFiler™ Express					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
UJ6LVW	GlobalFiler™ (STRmix)					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
UKEMYJ	PowerPlex® Fusion 6C Direct					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
ULKGAA	GlobalFiler™ Direct (STRmix)					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
UM38JT	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

UMYPCH	PowerPlex® Fusion 5C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14		7,9.3	8,11
	16	10				
UQZPX9	GlobalFiler™ Direct					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
UZ377Q	PowerPlex® Fusion 6C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
V9DVH4	GlobalFiler™ (STRmix)					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
VBHHYE	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
VDAEN9	GlobalFiler™ Direct					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
VDNBZM	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

VFEYDU	GlobalFiler™ (STRmix)					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
VGPWRB	Investigator® 24plex GO!					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10				
VGT7YB	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
VK6GPK	PowerPlex® Fusion 6C					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16,16	10	17	16		
VKRKKF	GlobalFiler™ Express					
	12,17	24	11,14	15,17	11,12	NT
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	NT	NT	17,24.2	7,9.3	8,11
	16	10	NT	NT	2	
VMTV93	PowerPlex® Fusion 6C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
VT4Y6W	GlobalFiler™ (STRmix)					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

VXFM6T	Investigator® 24plex QS					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10				
W28DLN	PowerPlex® Fusion 6C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
W74XRT	GlobalFiler™ (STRmix)					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
W7MVVT	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
WD4WAP	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	NA
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	NA	NA	17,24.2	7,9.3	8,11
	16	10	NA	NA	2	
WFDKME	PowerPlex® Fusion 6C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
WJMW9U	PowerPlex® Fusion 5C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14		7,9.3	8,11
	16	10				

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

WK4TZT	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
WN34WT	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
WPFRFT	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	-	-	17,24.2	7,9.3	8,11
	16	10	-	-	2	
WTCK6G	Investigator® 24plex GO!, QS					
	12,17	24,24	11,14	15,17	11,12	N/A
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	N/A	N/A	17,24.2	7,9.3	8,11
	16,16	10	N/A	N/A	N/A	
WYAQFE	GlobalFiler™ (STRmix)					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
X2737B	GlobalFiler™ (STRmix)					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
X28M8T	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

X4FQ4P	PowerPlex® Fusion 6C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
XAZVRJ	PowerPlex® Fusion 5C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14		7,9.3	8,11
	16	10				
XBXCYF	PowerPlex® Fusion 6C Direct					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
XEU3WE	GlobalFiler™ Express					
	12,17	24	11,14	15,17	11,12	NT
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	NT	NT	17,24.2	7,9.3	8,11
	16	10	NT	NT	2	
XLDKNM	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
XPWCGH	PowerPlex® Fusion 6C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
XUQ373	GlobalFiler™ (STRmix)					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

XXQ9RY	GlobalFiler™ Express					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
Y692G4	GlobalFiler™ Direct (STRmix)					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
YAGGPT	GlobalFiler™ (STRmix)					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
YDJDG9	PowerPlex® 21					
	12,17	24,24		15,17	11,12	12,14
2	9,12	10,14		18,19	12,13	11,12
	17,18	13,15	29,30.2		X,Y	11,12
	21,23	11,13	12,14		7,9.3	8,11
	16,16					
YL8DP6	GlobalFiler™ Direct					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
YM24VJ	PowerPlex® Fusion 6C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
YMH34B	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

YMLKBM	PowerPlex® Fusion 6C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
YQMLD6	GlobalFiler™ Direct					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
YRWZCX	Investigator® 24plex QS					
	12,17	24,24	11,14	15,17	11,12	N/A
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	N/A	N/A	17,24.2	7,9.3	8,11
	16,16	10	N/A	N/A	N/A	
YUHL6L	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
YUZLAW	PowerPlex® Fusion 6C, GlobalFiler™ Express					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16,16	10	17	16	2	
YWAKHJ	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
YWTHYP	GlobalFiler™					
	14,16.3	19,25	11	13,16	7,9	
2	11,12	12,13	13,14	19,20	9,11	11,13
	13,18	15	30,31.2	11,16	X	11,12
	21,24			11,22.2	7,9.3	8,10
	16					

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

Z2HQRH	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
Z38WRL	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
Z7PGUN	Identifiler® Plus					
		24,24		15,17	11,12	
2	9,12	10,14			12,13	11,12
	17,18	13,15	29,30.2		X,Y	11,12
	21,23				7,9.3	8,11
	16,16					
ZCZVR8	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
ZDTRF2	GlobalFiler™ (STRmix v2.6)					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
ZJKW8K	PowerPlex® Fusion 6C					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16,16	10	17	16		
ZLPJNV	Investigator® 24plex GO! (TrueAllele Casework System)					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10				

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

ZLT3V8	PowerPlex® 21					
	12,17	24,24		15,17	11,12	12,14
2	9,12	10,14		18,19	12,13	11,12
	17,18	13,15	29,30.2		X,Y	11,12
	21,23	11,13	12,14		7,9.3	8,11
	16,16					
ZMHFDP	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
ZP7X4P	GlobalFiler™					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
ZPQ6LM	GlobalFiler™					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16,16	10			2	
ZQKDLW	GlobalFiler™ Express					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	
ZVECWL	PowerPlex® Fusion 6C					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
ZW3T49	GlobalFiler™ Express					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

ZW7BBJ	PowerPlex® Fusion 6C					
	12,17	24,24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16,16	10	17	16		
ZWQ38B	PowerPlex® Fusion 6C Direct					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23	11,13	12,14	17,24.2	7,9.3	8,11
	16	10	17	16		
ZY7NMB	GlobalFiler™ Express					
	12,17	24	11,14	15,17	11,12	
2	9,12	10,14	13,16	18,19	12,13	11,12
	17,18	13,15	29,30.2	15,16	X,Y	11,12
	21,23			17,24.2	7,9.3	8,11
	16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

24HYDK	GlobalFiler™					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
24Y4VH	PowerPlex® Fusion 6C (STRmix v2.8)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
28MBKL	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
2ANR8F	PowerPlex® Fusion 5C					
	[12],15,16.3,17	[17],24,[25]	[11],14	15,16,17	11,[12,13]	
3	9,[10],12	10,14	13,[16]	16,18,19,26	11,12,13	11,[12]
	17,18,[19,21]	13,14,[14.2],15	29,30.2,[31]	[11],15,[16]	X,[Y]	11,[12]
	[19],21,23,[26]	11,[12],13	[5],12,14,[15]		7,9.3	[8],11
	[15],16	10				
2BFNWA	GlobalFiler™					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
2JBQYL	GlobalFiler™ (STRmix2.4)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
2JUMC7	GlobalFiler™ (STRmix)					
	12,14,15,16,16.3,17	16,17,23,24,25	10,11,13,14	14,15,16,17	10,11,12,13	
3	9,10,11,12	9,10,13,14	12,13,15,16	16,17,18,19,25,26	10,11,12,13	10,11,12
	16,17,18,19,20,21	12,13,14,14.2,15	28,29,30,30.2,31	11,14,15,16	X,Y	10,11,12
	19,20,21,22,23,26			16,17,23.2,24.2,27.2, 28,28.2	7,9.3	8,11
	14,15,16	9,10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

2LKLQ6	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
2MWXFG	GlobalFiler™ (STRmix 2.4.06)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
2PZ4Z9	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
2Y6D8Y	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
376Y28	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
37K84F	PowerPlex® Fusion 6C (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
3EG37K	Investigator® 24plex QS (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10				

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

3EUHBL	GlobalFiler™	(STRmix V2.5.11)				
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
3HDQK8	GlobalFiler™	(STRmix)				
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
3MTY97	GlobalFiler™	(STRmix)				
	12,15,16.3,17	17,23,24,25	11,13,14	15,16,17	11,12,13	
3	9,10,12	10,13,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,27.2,28.2	7,9.3	8,11
	15,16	10			2	
3XCGH6	GlobalFiler™	(STRmix)				
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
3XDAHX	GlobalFiler™	(STRmix)				
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
3ZXGJ7	GlobalFiler™	(STRmix)				
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
427X84	GlobalFiler™	(STRmix)				
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

47F8GL	GlobalFiler™					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	-	-	17,24.2,28.2	7,9.3	8,11
	15,16	10	-	-	2	
47KGPK	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
4A6E6N	GlobalFiler™, MiniFiler (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
4DZ7DL	GlobalFiler™					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
4LUB62	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
4N2T6H	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,25,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30,30.2,31	11,15,16,17	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
4RH8KC	PowerPlex® Fusion 5C (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15		7,9.3	8,11
	15,16	10				

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

4V2YWE	Identifiler® Plus					
		17,24,25		15,16,17	11,12,13	
3	9,10,12	10,14			11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31		X,X,Y	11,12
	19,21,23,26				7,9.3	8,11
	15,16					
4WUWF7	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
4YEYT7	PowerPlex® Fusion 6C					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
66NBRR	GlobalFiler™, MiniFiler					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
66YGNT	PowerPlex® Fusion 6C					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
69NLNR	GlobalFiler™, MiniFiler					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
6DFXG3	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

6DW3WF	PowerPlex® Fusion 6C						
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13		
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12	
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12	
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11	
	15,16	10	17	16			
6JP66L	GlobalFiler™ (STRmix)						
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13		
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12	
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12	
	19,21,23,26			17,24.2,28.2	7,9.3	8,11	
	15,16	10			2		
6LBQX9	GlobalFiler™ (STRmix v2.5)						
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13		
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12	
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12	
	19,21,23,26			17,24.2,28.2	7,9.3	8,11	
	15,16	10			2		
6MJ9NR	NGM SElect						
	12,15,16.3,17	17,24,25	11,14	15,16,17			
3		10,14	13,16	16,18,19,26		11,12	
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y		
	19,21,23,26			17,24.2,28.2	7,9.3		
	15,16						
6RWTUD	GlobalFiler™						
	15,16.3	17,[24],25	[11],14	[15],16,[17]	11,13		
3	[9],10,12	[10],14	13,13	16,[18],[19],26	11,[12],[13]	11,[12]	
	[17],[18],19,21	[13],14,14.2,[15]	29,[30.2],31	11,15,[16]	X,[Y]	11,[12]	
	19,[21],26			[17],[24.2],28.2	7,9.3	[8],11	
	15,16	10			2		
6RYFCR	GlobalFiler™						
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13		
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12	
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12	
	19,21,23,26			17,24.2,28.2	7,9.3	8,11	
	15,16	10			2		
72HEDG	GlobalFiler™ (STRmix v.2.4)						
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13		
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12	
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12	
	19,21,23,26			17,24.2,28.2	7,9.3	8,11	
	15,16	10			2		

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

72XQ4Y	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
784AG7	GlobalFiler™					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
79GU9F	PowerPlex® Fusion 6C					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
7GCRZP	Investigator® 24plex QS (TrueAllele)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10				
7NWTF3	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
7QY324	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14,15	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
7VEBP4	PowerPlex® Fusion 6C					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

7WJ3GG	GlobalFiler™ (STRmix v2.4)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
7YA2VE	Identifiler® Plus					
		17,24,25		15,16,17	11,12,13	
3	9,10,12	10,14			11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31		X,X,Y	11,12
	19,21,23,26				7,9.3	8,11
	15,16					
7YWHYN	PowerPlex® Fusion 6C (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
7YXTZF	GlobalFiler™ (STRmix 2.4.06)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	Not tested
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	Not tested	Not tested	17,24.2,28.2	7,9.3	8,11
	15,16	10	Not tested	Not tested	2	
874UGE	GlobalFiler™					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
87QKLF	GlobalFiler™					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
87RUM6	GlobalFiler™					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

884KVA	PowerPlex® Fusion 6C (STRmix Version 2.8.0)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
8B9463	PowerPlex® Fusion 6C (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
8NTJ93	PowerPlex® Fusion 6C (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
8YTV6B	GlobalFiler™ (STRmix v2.4.06)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	NT
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	NT	NT	17,24.2,28.2	7,9.3	8,11
	15,16	10	NT	NT	2	
92Q9AT	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
92R6GH	GlobalFiler™					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
96BB2X	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

9BGUD6	ESI-17						
	12,15,16.3,17	17,24,25	11,14	15,16,17			
3		10,14	13,16	16,18,19,25,26		11,12	
	17,18,19,21	13,14,14.2,15	29,30,30.2,31	11,15,16	X,Y		
	19,21,23,26			17,24.2,28.2	7,9.3		
	15,16						
9BJCKG	PowerPlex® Fusion 6C						
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13		
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12	
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12	
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11	
	15,16	10	17	16			
9C8F3A	GlobalFiler™ (STRmix v2.4)						
	11,12,14,15,16,16.3,17	16,17,23,24,25	10,11,13,14	14,15,16,17	10,11,12,13		
3	8,9,10,11,12	9,10,13,14	12,13,15,16	16,17,18,19,25,26	10,11,12,13	10,11,12	
	16,17,18,19,20,21	12,13,13.2,14,14.2,15	28,29,29.2,30,30.2,31	11,14,15,16	X,Y	10,11,12	
	18,19,20,21,22,23,25,26			16,17,23.2,24.2,27.2,28.2	6,7,9.3	8,10,11	
	14,15,16	10			2		
9EKDMY	GlobalFiler™ (STRmix)						
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13		
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12	
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12	
	19,21,23,26			17,24.2,28.2	7,9.3	8,11	
	15,16	10			2		
9NGR23	PowerPlex® Fusion						
	12,15,16.3,17	17,24,25	[11],14	15,16,17	11,12,13		
3	9,10,12	[10],14	13,16	16,18,19,26	11,12,13	11,12	
	17,18,19,21	13,14,[14.2],15	29,30.2,[31]	11,15,16	X,Y	11,12	
	19,21,23,26	11,[12],13	5,12,14,15		7,9.3	[8],11	
	15,16	10					
9V67B3	GlobalFiler™ (STRmix)						
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	NT	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12	
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12	
	19,21,23,26	NT	NT	17,24.2,28.2	7,9.3	8,11	
	15,16	10	NT	NT	2		

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

9ZXCLY	GlobalFiler™ (STRmix v2.4.06)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
A27N2E	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
A4BCHP	Identifiler®					
		17,24,25		15,16,17	11,12,13	
3	9,10,12	10,14			11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31		X,Y	11,12
	19,21,23,26				7,9.3	8,11
	15,16					
A6N7W6	Investigator® 24plex QS					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	N/A
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	N/A	N/A	17,24.2,28.2	7,9.3	8,11
	15,16	10	N/A	N/A	N/A	
A9KX3G	PowerPlex® Fusion 5C					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15		7,9.3	8,11
	15,16	10				
A9R8EA	PowerPlex® 5C					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	--
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	--	7,9.3	8,11
	15,16	10	--	--	--	
AALLR8	PowerPlex® Fusion 6C (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

ACLX6Y	PowerPlex® Fusion 6C					
	12^,15^,16.3^,17^	17,24,25	11^,14	15^,16,17^	11,12^,13^	
3	9^,10^,12	10^,14	13,16^	16^,18^,19^,26^	11,12^,13^	11,12^
	17^,18^,19^,21^	13^,14^,14.2^,15^	29,30.2^,31^	11^,15,16^	X,Y	11,12^
	19^,21^,23^,26^	11,12^,13^	5^,12^,14^,15^	17,24.2,28.2	7^,9.3	8^,11
	15^,16	10	17	16		
AJ6427	PowerPlex® Fusion 6C (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
AJQFZE	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
AKDGH8	Identifiler® Plus					
		17,24,25		15,16,17	11,12,13	
3	9,10,12	10,14			11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31		X,X,Y	11,12
	19,21,23,26				7,9.3	8,11
	15,16					
ALCDGH	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
AMPWC9	Identifiler® Plus					
		17,24,25		15,16,17	11,12,13	
3	9,10,12	10,14			11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31		X,X,Y	11,12
	19,21,23,26				7,9.3	8,11
	15,16					
ANF69V	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

ATG6RZ	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
AU286Y	PowerPlex® Fusion 6C					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
AVZ7N8	PowerPlex® Fusion 6C (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
AX8NM4	GlobalFiler™ (STRmix v2.5)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
AYYM22	PowerPlex® Fusion 6C					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
B3FF72	GlobalFiler™					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	-
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	-	-	17,24.2,28.2	7,9.3	8,11
	15,16	10	-	-	2	
B4R7HQ	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

B7U4TJ	PowerPlex® Fusion 6C (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
B98E7Q	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,25,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30,30.2,31	11,15,16,17	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
B9LZHD	GlobalFiler™					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
BAUPPB	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
BDYLNY	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
BFL799	GlobalFiler™					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
BGZUQN	GlobalFiler™					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

BLBWGP	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
BZ9X96	PowerPlex® Fusion 6C (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
BZRVLQ	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
BZVDT3	PowerPlex® Fusion 6C (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
C8N6E2	PowerPlex® Fusion 6C (STRMix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
CB3PCA	PowerPlex® Fusion 6C (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
CBZ77Y	PowerPlex® Fusion 5C (BulletProof)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,[16]	16,18,19,26	11,12,13	11,[12]
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,[12]
	19,21,23,26	11,12,13	5,12,14,15		7,9.3	8,11
	15,16	10				

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

CCJNNL	PowerPlex® 6C						
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13		
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12	
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12	
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11	
	15,16	10	17	16			
CE7FLB	GlobalFiler™ (STRmix)						
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13		
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12	
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12	
	19,21,23,26			17,24.2,28.2	7,9.3	8,11	
	15,16	10			2		
CJZGK4	PowerPlex® Fusion 6C (STRmix v. 2.8)						
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13		
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12	
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12	
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11	
	15,16	10	17	16			
CNQRV3	GlobalFiler™ (STRmix)						
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	NT	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12	
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12	
	19,21,23,26	NT	NT	17,24.2,28.2	7,9.3	8,11	
	15,16	10	NT	NT	2		
CQXATX	GlobalFiler™						
	12,15,16.3,17	17,24,25	11,14	15,16,18	11,12,13	NT	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12	
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12	
	19,21,23,26	NT	NT	17,24.2,28.2	7,9.3	8,11	
	15,16	10	NT	NT	2		
CT7YJ2	GlobalFiler™ (STRmix v2.5)						
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13		
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12	
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12	
	19,21,23,26			17,24.2,28.2	7,9.3	8,11	
	15,16	10			2		
CTP6HR	GlobalFiler™ (STRmix)						
	12,15,16.3,17	17,23,24,25	11,14	15,16,17	11,12,13		
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12	
	17,18,19,21	13,14,14.2,15	29,30,30.2,31	11,15,16	X,Y	11,12	
	19,21,23,25,26			17,24.2,28,28.2	7,9.3	8,11	
	15,16	10			2		

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

CWAXUU	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
CWLPLB	Investigator® 24plex QS (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10				
D6UPBJ	GlobalFiler™					
	12,15,16.3,17	17,24,25	[11],14	15,16,17	11,[12],[13]	
3	9,[10],12	[10],14	13,[16]	16,18,19,26	11,12,13	11,[12]
	17,18,19,21	13,14,14.2,15	29,[30.2],[31]	11,15,16	X,[Y]	11,[12]
	19,21,23,26			17,24.2,28.2	7,9.3	[8],11
	[15],16	10			2	
DAA9LY	PowerPlex® Fusion 6C (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
DBLRKA	GlobalFiler™					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
DHLAYM	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
DLKNMC	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

DNLUXB	GlobalFiler™					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
DT22LB	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
DTYGPV	GlobalFiler™					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
DW3APL	GlobalFiler™					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
E76ZUT	PowerPlex® Fusion					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15		7,9.3	8,11
	15,16	10				
E77KWB	PowerPlex® Fusion 6C (STRmix 2.6.1)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
EA8NQH	PowerPlex® Fusion 6C (STRmix)					
	12,[15],16.3,17	[17],24,[25]	11,14	15,16,17	11,12,[13]	
3	9,[10],12	[10],14	13,16	[16],18,19,[26]	11,12,13	11,[12]
	17,18,19,21	13,14,14.2,15	29,30.2,[31]	11,15,16	X,Y	11,[12]
	[19],21,23,26	11,[12],13	[5],12,14,15	17,24.2,28.2	7,9.3	[8],11
	[15],16	10	17	16		

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

EEYTG2	PowerPlex® Fusion 6C (STRmix v2.8)						
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13		
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12	
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12	
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11	
	15,16	10	17	16			
EHGACR	GlobalFiler™ (STRmix)						
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13		
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12	
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12	
	19,21,23,26			17,24.2,28.2	7,9.3	8,11	
	15,16	10			2		
ELWUBZ	Investigator® 24plex QS						
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	n/a	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12	
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12	
	19,21,23,26	n/a	n/a	17,24.2,28.2	7,9.3	8,11	
	15,16	10	n/a	n/a	n/a		
EM9GVZ	GlobalFiler™ (STRmix v.2.5)						
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13		
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12	
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12	
	19,21,23,26			17,24.2,28.2	7,9.3	8,11	
	15,16	10			2		
ENA8AV	PowerPlex® Fusion 6C (STRmix)						
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13		
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12	
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12	
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11	
	15,16	10	17	16			
EQN2T9	GlobalFiler™ (STRmix)						
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13		
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12	
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12	
	19,21,23,26			17,24.2,28.2	7,9.3	8,11	
	15,16	10			2		
ERNR94	PowerPlex® Fusion 6C (STRmix v2.8)						
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13		
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12	
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12	
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11	
	15,16	10	17	16			

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

EUD6QM	Investigator® 24plex QS (STRmix)						
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13		
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12	
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12	
	19,21,23,26			17,24.2,28.2	7,9.3	8,11	
	15,16	10					
EV6ELA	GlobalFiler™						
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13		
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12	
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12	
	19,21,23,26			17,24.2,28.2	7,9.3	8,11	
	15,16	10			2		
EVHVQA	GlobalFiler™						
	12,15,16.3,17	17,24,25	[11],14	15,16,17	11,12,13		
3	9,10,12	10,14	13,[16]	16,18,19,26	11,12,13	11,[12]	
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,[Y]	11,[12]	
	19,21,23,26			17,24.2,28.2	7,9.3	8,11	
	15,16	10			2		
EXQ2EW	GlobalFiler™ (STRmix)						
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	NT	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12	
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12	
	19,21,23,26	NT	NT	17,24.2,28.2	7,9.3	8,11	
	15,16	10	NT	NT	2		
EZHZTV	GlobalFiler™ (STRmix)						
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13		
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12	
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12	
	19,21,23,26			17,24.2,28.2	7,9.3	8,11	
	15,16	10			2		
EZWJDR	GlobalFiler™						
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13		
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12	
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12	
	19,21,23,26			17,24.2,28.2	7,9.3	8,11	
	15,16	10			2		
F342CN	GlobalFiler™ (STRmix)						
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13		
3	9,10,12,13	10,14	13,16	16,18,19,25,26	11,12,13	11,12	
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16,17	X,Y	11,12	
	19,21,23,26			17,24.2,28.2	7,9.3	8,11	
	15,16	10			2		

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

F3DCHR	GlobalFiler™ (STRMix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
F3GXE8	GlobalFiler™					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
F8BREU	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
F8UK7Q	GlobalFiler™					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
FBD3H4	GlobalFiler™ (Casesolver, LRmix, Labretriever, Euroformix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
FBEMXW	GlobalFiler™ (STRmix v2.5)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
FCRW9H	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

FDGBQ2	PowerPlex® Fusion 6C					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
FGFLM2	PowerPlex® Fusion 6C (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
FPCCE3	PowerPlex® Fusion 6C (STRmix v2.8)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
FR3M3B	GlobalFiler™					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
FTCEQ6	Identifiler® Plus					
		17,24,25		15,16,17	11,12,13	
3	9,10,12	10,14			11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31		X,Y	11,12
	19,21,23,26				7,9.3	8,11
	15,16					
FTUWYX	GlobalFiler™ (STRmix v2.5)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
FVJX77	GlobalFiler™					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

FXJHLQ	Identifiler® Plus					
		17,24,25		15,16,17	11,12,13	
3	9,10,12	10,14			11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31		X,Y	11,12
	19,21,23,26				7,9.3	8,11
	15,16					
G27BHE	PowerPlex® Fusion 6C (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
G3Y4DX	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
G7GX26	GlobalFiler™ (STRmix v 2.4.06)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
GAW7P4	GlobalFiler™					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
GGJL9M	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12,13	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16,17	X,Y	11,12,13
	19,21,23,26			17,24.2,28.2	7,9.3	8,11,12
	15,16	10			2	
GJH4X2	GlobalFiler™					
	12,15,16.3,17	[17],24,[25]	[11],14	15,16,[17]	11	
3	9,[10],12	[10],14	13,[16]	16,18,19,[26]	11,12,13	11,[12]
	17,18,[19],[21]	13,14,14.2,15	29,[30.2],[31]	[11],15,[16]	X,[Y]	11,[12]
	[19],21,23,[26]			[17],24.2,28.2	7,9.3	[8],11
	[15],16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

GU2B64	PowerPlex® Fusion 6C (STRmix v2.8)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
GW8WVP	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
H2YME7	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
H4QLT4	PowerPlex® Fusion 6C (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
HBTLER	PowerPlex® Fusion 6C (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
HDU737	Identifiler® Plus					
		17,24,25		15,16,17	11,12,13	
3	9,10,12	10,14			11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31		X,Y	11,12
	19,21,23,26				7,9.3	8,11
	15,16					
HEMPWX	PowerPlex® Fusion 6C (STRmix v 2.8)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

HNANN3	PowerPlex® Fusion 6C (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
HNE4Z4	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,8,9.3	8,11
	15,16	10			2	
HW8FWW	PowerPlex® Fusion 6C (STRmix 2.8)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
J2BNRR	PowerPlex® Fusion 5C					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,[Y]	11,12
	19,21,23,26	11,12,13	5,12,14,15		7,9.3	[8],11
	[15],16	10				
J2W3HP	GlobalFiler™					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
J3QBJ2	GlobalFiler™					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
J7QWFQ	GlobalFiler™ (BulletProof Sentry)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

JDLYH3	Identifiler® Plus					
		17,24,25		15,16,17	11,12,13	
3	9,10,12	10,14			11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31		X,X,Y	11,12
	19,21,23,26				7,9.3	8,11
	15,16					
JE42E3	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	9,11,14	15,16,17	11,12,13,14	
3	9,10,12	10,12,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16,17	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
JJUFZ4	PowerPlex® Fusion 6C (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
JRRWXN	Identifiler® Plus, PowerPlex® Fusion 6C					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
JVKEHT	GlobalFiler™ (BulletProof Sentry)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
K4XFPF	GlobalFiler™					
	[12],15,16.3,[17]	17,24,25	[11],14	[15],16,[17]	11,[12],13,[--]	
3	[9],10,12,[--]	[10],14	13,[16],[--]	16,[18],[19],26	11,[12],[13]	11,[12]
	[17],[18],19,21	[13],14,14.2,[15]	29,[30.2],31,[--]	11,15,[16]	X,[Y]	11,[12]
	19,[21],[23],26			[17],[24.2],28.2	7,9.3,[--]	[8],11,[--]
	15,16	[10]			[2]	
K9TGGW	PowerPlex® Fusion 5C					
	12,[15],16.3,17	[17],24,[25]	[11],14	15,16,17	11,[12,13]	
3	9,[10],12	[10],14	13,[16]	16,18,19,[26]	11,12,13	11,[12]
	17,18,19,21	13,14,[14.2],15	29,[30.2,31]	[11],15,[16]	X,[Y]	11,[12]
	[19,21],23,[26]	11,[12,13]	[5,12],14,[15]		7,9.3	[8],11
	[15],16	10				

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

KQDXVQ	GlobalFiler™ (STRMix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	NT
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	NT	NT	17,24.2,28.2	7,9.3	8,11
	15,16	10	NT	NT	2	
KQEV6L	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
KQTGEN	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
KR6UJK	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,25,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16,17	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
KU9P3M	GlobalFiler™ (STRmix)					
	11,12,14,15,16,16.3, 17	17,23,24,25	10,11,13,14	14,15,16,17	10,11,12,13	
3	9,10,11,12	10,13,14	12,13,15,16	16,18,19,25,26	10,11,12,13	10,11,12
	16,17,18,19,20,21	12,13,14,14.2,15	28,29,29.2,30,30.2, 31	11,14,15,16	X,Y	10,11,12
	19,20,21,22,23,26			16,17,23.2,24.2,27.2, 28,28.2	7,9.3	8,11
	15,16	10			2	
KUTF4V	Investigator® 24plex QS					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	N/A
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	N/A	N/A	17,24.2,28.2	7,9.3	8,11
	15,16	10	N/A	N/A	N/A	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

KV78WC	GlobalFiler™ (TrueAllele)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
KV7BKL	Identifiler® Plus (EuroForMix)					
		17,24,25		15,16,17	11,12,13	
3	9,10,12	10,14			11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31		X,Y	11,12
	19,21,23,26				7,9.3	8,11
	15,16					
KVKNXW	PowerPlex® Fusion 6C (STRmix v 2.8)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
KY4PU4	GlobalFiler™					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
L272CP	GlobalFiler™ (STRmix)					
	11,12,14,15,16,16.3,17	16,17,23,24,25	10,11,13,14	14,15,16,17	10,11,12,13	
3	9,10,11,12	9,10,13,14,15	12,13,16	16,18,19,25,26	10,11,12,13	10,11,12
	16,17,18,19,20,21,22	12,13,13.2,14,14.2,15	28,29,30,30.2,31	11,14,15,16	X,Y	10,11,12
	19,20,21,22,23,25,26			16,17,23.2,24.2,27.2,28.2	7,9.3	8,10,11
	14,15,16	9,10			2	
L2AZJZ	Identifiler® Plus					
		17,24,25		15,16,17	11,12,13	
3	9,10,12	10,14			11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31		X,Y	11,12
	19,21,23,26				7,9.3	8,11
	15,16					

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

L8NGU2	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
LCLTXE	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
LCLZXK	GlobalFiler™ (STRmix V2.4.06)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
LLFW93	GlobalFiler™					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
LNK2TW	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
LU7QWK	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
M2JYXL	PowerPlex® Fusion 6C					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12^,13	
3	9,10,12	10,14	13,16^	16,18,19,26	11,12^,13	11,12
	17^,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23^,26^	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

M7GC3Y	PowerPlex® Fusion 6C					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
MJ4T6X	GlobalFiler™ (STRmix v. 2.4.06)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
MPPH9K	home made multiplex					
	12,15,16.3,17		11,14	15,16,17		
3		10,14	13,16	16,18,19,26		11,12
	17,18,19,21		29,30.2,31	11,15,16	X,Y	
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16					
MUGD2Y	GlobalFiler™ (STRmix v2.4.06)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
MW72QY	Identifiler® Plus					
		17,24,25		15,16,17	11,12,13	
3	9,10,12	10,14			11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31		X,X,Y	11,12
	19,21,23,26				7,9.3	8,11
	15,16					
MXKKBW	GlobalFiler™					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
N24TKG	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

N43DZ2	GlobalFiler™					
3						
N7TF8A	PowerPlex® Fusion 6C (STRmix™ v2.6.3)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
N9X69X	GlobalFiler™ (STRmix 2.4)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
NE8AEP	PowerPlex® Fusion 6C (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
NEN9NG	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16,17	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
NQGWFA	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
NT6DMW	Identifiler® Plus					
		17,24,25		15,16,17	11,12,13	
3	9,10,12	10,14			11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31		X,X,Y	11,12
	19,21,23,26				7,9.3	8,11
	15,16					

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

NX2RHY	PowerPlex® Fusion 6C					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
NZPHQJ	Identifiler® Plus					
		17,24,25		15,16,17	11,12,13	
3	9,10,12	10,14			11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31		X,Y	11,12
	19,21,23,26				7,9.3	8,11
	15,16					
P4HWKX	GlobalFiler™					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
P9DRDJ	PowerPlex® Fusion 6C (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
PB4PXJ	GlobalFiler™					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
PEGPUB	GlobalFiler™ (GeneMapper ID-X 1.5)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
PH3CMX	GlobalFiler™ (STRmix 2.4)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

PH7UU9	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
PJV9CR	GlobalFiler™					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
PNRRFB	Identifiler® Plus					
		17,24,25		15,16,17	11,12,13	
3	9,10,12	10,14			11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31		X,Y	11,12
	19,21,23,26				7,9.3	8,11
	15,16					
PRBZQW	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13,14	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16,17	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
PZ44ZK	PowerPlex® Fusion 6C (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
Q4FL4L	PowerPlex® Fusion 6C (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
Q4Z3JN	Investigator® 24plex QS					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	N/A
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	N/A	N/A	17,24.2,28.2	7,9.3	8,11
	15,16	10	N/A	N/A	N/A	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

Q6RP8T	GlobalFiler™ (STRmix)					
	11,12,14,15,15.3,16,16.3,17	16,17,23,24,25	10,11,13,14	14,15,16,17	10,11,12,13	
3	8,9,10,11,12	9,10,13,14	12,13,15,16	16,17,18,19,25,26	10,11,12,13	10,11,12
	16,17,18,19,20,21	12,13,13.2,14,14.2,15	28,29,29.2,30,30.2,31	11,14,15,16,17	X,Y	10,11,12
	18,19,20,21,22,23,25,26			16,17,23.2,24.2,27.2,28.2	6,7,8.3,9.3	8,10,11
	14,15,16	10			2	
QCGMXL	PowerPlex® Fusion 6C (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
QH4HRY	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
QK8DB2	GlobalFiler™, MiniFiler (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
QNQCPW	PowerPlex® Fusion 6C					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
QVQRE4	GlobalFiler™, MiniFiler (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

R28K49	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
RBDNRJ	GlobalFiler™ (STRmix v2.6.3)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	NT
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	NT	NT	17,24.2,28.2	7,9.3	8,11
	15,16	10	NT	NT	2	
RBTXUR	GlobalFiler™					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
RBUV6M	Investigator® 24plex QS					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	N/A
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	N/A	N/A	17,24.2,28.2	7,9.3	8,11
	15,16	10	N/A	N/A	N/A	
RCQCBH	PowerPlex® Fusion 6C (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
RDKUJL	ESI17 FAST					
	12,15,16.3,17	17,24,25	11,14	15,16,17		
3		10,14	13,16	16,18,19,26		11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	
	19,21,23,26			17,24.2,28.2	7,9.3	
	15,16					
RET9PR	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

RF6VAR	PowerPlex® Fusion 6C (STRmix v2.8)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
RGK6EL	PowerPlex® ESI-17 FAST					
	12,15,16.3,17	17,24,25	11,14	15,16,17		
3		10,14	13,16	16,18,19,26		11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	
	19,21,23,26			17,24.2,28.2	7,9.3	
	15,16					
RKJER9	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
RLW7JP	PowerPlex® Fusion 6C (STRMix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
RNHN2B	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
RPCE8P	PowerPlex® Fusion 6C (STRmix v2.8)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
RRXFQH	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

RW9HQR	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
RYZEFL	GlobalFiler™					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
T3F9TX	Investigator® 24plex (STRmix)					
	12,15,16.3,17	[17],24,[25]	[11],14	15,16,17	11,12,[13]	
3	[9],[10],12	[10],14	13,[16]	16,18,19,26	11,[12],[13]	11,[12]
	17,18,[19],[21]	13,14,14.2,15	29,[30.2],[31]	[11],15,[16]	X,[Y]	11,[12]
	19,21,23,26			17,24.2,28.2	7,9.3	[8],11
	[15],16	10				
T7FCM7	GlobalFiler™					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
T7XG4J	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	NT
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	NT	NT	17,24.2,28.2	7,9.3	8,11
	15,16	10	NT	NT	2	
TACZ2R	Identifiler® Plus					
		17,24,25		15,16,17	11,12,13	
3	9,10,12	10,14			11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31		X,X,Y	11,12
	19,21,23,26				7,9.3	8,11
	15,16					
TAFNJ7	Investigator® 24plex QS (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10				

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

TEQXAE	GlobalFiler™					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
TETJ6V	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
THLPFQ	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
TKEL4K	GlobalFiler™					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
TNH83H	PowerPlex® Fusion 6C					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
TNHXGD	PowerPlex® 21 (STRmix)					
	12,15,16.3,17	17,24,25		15,16,17	11,12,13	12,14,22.3
3	9,10,12	10,14		16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31		X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15		7,9.3	8,11
	15,16					
TRVWJ7	GlobalFiler™					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

TU7UXN	PowerPlex® Fusion 6C (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
TVARXJ	GlobalFiler™					
	12,15,16.3,17	[17],24,[25]	[11],14	15,16,[17]	11,12,13	
3	[9],[10],12	[10],14	13,[16]	16,18,19,26	11,12,13	11,[12]
	17,18,19,21	13,14,14.2,15	29,30.2,[31]	11,15,16	X,[Y]	11,[12]
	19,21,23,26			17,24.2,28.2	7,9.3	[8],11
	[15],16	10			2	
TWAPGR	PowerPlex® Fusion 6C (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
TYCNRJ	GlobalFiler™ (STRmix v2.5)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
U2KVWX	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
U3T9CE	GlobalFiler™ (STRmix 2.8.0)					
	12,14,15,16,16.3,17	17,23,24,25	10,11,13,14	14,15,16,17	10,11,12,13	
3	9,10,11,12	9,10,13,14,15	12,13,15,16	16,18,19,26	10,11,12,13	10,11,12
	16,17,18,19,20,21	12,13,14,14.2,15	28,29,30,30.2,31	11,14,15,16	X,Y	10,11,12
	19,20,21,22,23,25,26			16,17,23.2,24.2,27.2,28.2	7,9.3	8,11
	15,16	10			2	
U63FGR	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

U6K429	GlobalFiler™ (STRMix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
U9WEQG	PowerPlex® Fusion 6C					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
UAW67C	PowerPlex® 21					
	12,15,16.3,17	17,24,25		15,16,17	11,12,13	12,22.3
3	9,10,12	10,14		16,18,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31		X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15		7,9.3	8,11
	15,16					
UD9496	GlobalFiler™					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
UFZ3M4	GlobalFiler™					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
UJ6LVW	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
UKEMYJ	PowerPlex® Fusion 6C (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

ULKGAA	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,18.3,24,25	11,14	15,16,17	11,12,13,14	
3	9,10,12,13	10,14	13,16	16,18,19,25,26	11,12,13	11,12
	17,18,19,20,21	13,14,14.2,15	29,30.2,31,32	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
UM38JT	GlobalFiler™					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
UMYPCH	PowerPlex® Fusion 6C (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
UQZPX9	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,11,14	13,16	16,18,19,25,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16,17	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
UZ377Q	PowerPlex® Fusion 6C (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
UZ8LJQ	GlobalFiler™					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
V9DVH4	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

VBHHYE	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
VDAEN9	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,25.2,28.2	7,9.3	8,11
	15,16	10			2	
VDNBZM	GlobalFiler™ (STRmix)					
	11,12,14,15,15.3,16,16.3,17	16,17,22,23,24,25	10,11,13,14,15	14,15,16,17	10,11,12,13	
3	8,9,10,11,12	9,10,13,14	12,13,15,16	15,16,17,18,19,25,26	10,11,12,13	10,11,12
	16,17,18,19,20,21	12,13,13.2,14,14.2,15	28,29,29.2,30,30.2,31	10,11,14,15,16,17	X,Y	10,11,12
	18,19,20,21,22,23,25,26			16,17,23.2,24.2,27.2,28.2	6,7,8.3,9.3	8,10,11
	14,15,16	10			2	
VFEYDU	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
VGPWRB	Investigator® 24plex QS					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10				
VGT7YB	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

VK6GPK	PowerPlex® Fusion 6C (STRmix v2.8)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
VKRKKF	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	NT
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	NT	NT	17,24.2,28.2	7,9.3	8,11
	15,16	10	NT	NT	2	
VMTV93	PowerPlex® Fusion 6C					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
VT4Y6W	GlobalFiler™, MiniFiler (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
VXFM6T	Investigator® 24plex QS (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10				
W28DLN	PowerPlex® Fusion 6C (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
W74XRT	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

W7MVVT						
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,[16]	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,[Y]	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
WD4WAP	GlobalFiler™					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	NA
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	NA	NA	17,24.2,28.2	7,9.3	8,11
	15,16	10	NA	NA	2	
WFDKME	PowerPlex® Fusion 6C (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
WJMW9U	PowerPlex® Fusion 5C					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15		7,9.3	8,11
	15,16	10				
WK4TZT	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
WN34WT	GlobalFiler™ (STRMix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
WPFRFT	GlobalFiler™					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	-	-	17,24.2,28.2	7,9.3	8,11
	15,16	10	-	-	2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

WTCK6G	Investigator® 24plex QS					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	N/A
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	N/A	N/A	17,24.2,28.2	7,9.3	8,11
	15,16	10	N/A	N/A	N/A	
WYAQFE	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
X2737B	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
X28M8T	GlobalFiler™ (STRmix 2.4)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
X4FQ4P	PowerPlex® Fusion 6C (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
XAZVRJ	PowerPlex® Fusion 5C					
	12,15,16.3,17	[17],24,[25]	[11],14	15,16,[17]	11,[12,13]	
3	[9,10],12	[10],14	13,[16]	16,18,19,26	11,[12,13]	11,[12]
	17,18,19,[21]	13,14,[14.2],15	29,[30.2,31]	11,15,[16]	X,Y	11,[12]
	19,21,23,26	11,[12],13	[5],12,[14,15]		7,9.3	[8],11
	[15],16	10				
XBXCYF	PowerPlex® Fusion 6C (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

XEU3WE	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	NT
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	NT	NT	17,24.2,28.2	7,9.3	8,11
	15,16	10	NT	NT	2	
XLDKNM	GlobalFiler™					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
XPWCGH	PowerPlex® Fusion 5C (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15		7,9.3	8,11
	15,16	10				
XUQ373	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
XXQ9RY	PowerPlex® Fusion 6C (STRmix v. 2.6.2)					
	12,15,16.3,17	17,24,[25]	[11],14	15,16,17	11,12,[13]	
3	[9],[10],12	[10],14	13,[16]	16,18,19,26	11,12,13	11,[12]
	17,18,19,21	13,14,14.2,15	29,30.2,[31]	[11],15,[16]	X,[Y]	11,[12]
	19,21,23,26	11,[12],13	5,12,14,15	17,24.2,28.2	7,9.3	[8],11
	[15],16	10	17	16		
Y692G4	GlobalFiler™ (STRmix)					
	12,13,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21,22	13,14,14.2,15	29,30.2,31	11,15,16,17	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
YAGGPT	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

YDJDG9	PowerPlex® 21 (STRmix)					
	12,15,16.3,17	17,24,25		15,16,17	11,12,13	12,14,22.3
3	9,10,12	10,14		16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31		X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15		7,9.3	8,11
	15,16					
YL8DP6	GlobalFiler™ (STRmix)					
	12,15,16.3,17,18	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,25,26	11,12,13	11,12
	17,18,19,20,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
YM24VJ	PowerPlex® Fusion 6C					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
YMH34B	GlobalFiler™ (BULLET PROOF SENTRY)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
YMLKBM	PowerPlex® Fusion 6C					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
YQMLD6	GlobalFiler™ (strmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,25,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
YRWZCX	Investigator® 24plex QS					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	N/A
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	N/A	N/A	17,24.2,28.2	7,9.3	8,11
	15,16	10	N/A	N/A	N/A	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

YUHL6L	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
YUZLAW	PowerPlex® Fusion 6C					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
YWAKHJ	GlobalFiler™					
	12,15,16.3,17	[17],24,[25]	[11],14	15,16,17	11,12,[13]	
3	[9],[10],12	[10],14	13,[16]	16,18,19,[26]	11,[12],13	11,[12]
	17,18,19,21	13,14,14.2,15	29,[30.2],[31]	[11],15,16	X,[Y]	11,[12]
	19,21,23,26			17,24.2,28.2	7,9.3	[8],11
	[15],16	10			2	
Z2HQRH	GlobalFiler™ (STRmix v2.4.06)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
Z38WRL	GlobalFiler™ (STRmix 2.4)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
Z7PGUN	Identifiler® Plus					
		17,24,25		15,16,17	11,12,13	
3	9,10,12	10,14			11,12,13	11,12
	17,18,19,21	13,14,14.2	29,30.2,31		X,Y	11,12
	19,21,23,26				7,9.3	8,11
	15,16					

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

ZCZVR8	GlobalFiler™ (STRmix)					
	11,12,14,15,15.3,16,16.3,17	16,17,23,24,25	10,11,13,14,15	14,15,16,17	10,11,12,13	
3	8,9,10,11,12	9,10,13,14	12,13,15,16	15,16,17,18,19,25,26	10,11,12,13	10,11,12
	16,17,18,19,20,21	12,13,13.2,14,14.2,15	28,29,29.2,30,30.2,31	10,11,12,14,15,16,17	X,Y	10,11,12
	18,19,20,21,22,23,25,26			16,17,23.2,24,24.2,27.2,28,28.2	7,9.3	8,10,11
	14,15,16	9,10			2	
ZDTRF2	GlobalFiler™ (STRmix v2.6)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	
ZJKW8K	PowerPlex® Fusion 6C (STRmix v2.8)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
ZLPJNV	Investigator® 24plex QS (TrueAllele Casework System)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10				
ZLT3V8	PowerPlex® 21 (STRmix)					
	12,15,16.3,17	17,24,25		15,16,17	11,12,13	12,14,22.3
3	9,10,12	10,14		16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31		X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15		7,9.3	8,11
	15,16					
ZMHFDP	GlobalFiler™ (STRmix)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26			17,24.2,28.2	7,9.3	8,11
	15,16	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

ZP7X4P	GlobalFiler™						
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13		
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12	
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12	
	19,21,23,26			17,24.2,28.2	7,9.3	8,11	
	15,16	10			2		
ZQKDLW	PowerPlex® Fusion 6C (STRmix)						
	12,15,16.3,17	[17],24,[25]	[11],14	15,16,17	11,[12],[13]		
3	9,10,12	[10],14	13,[16]	16,18,19,26	11,12,13	11,[12]	
	17,18,19,[21]	13,14,14.2,15	29,30.2,[31]	11,15,16	X,[Y]	11,[12]	
	19,21,23,26	11,[12],13	5,12,14,15	17,24.2,28.2	7,9.3	[8],11	
	[15],16	10	17	16			
ZVECWL	PowerPlex® Fusion 6C (STRmix)						
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13		
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12	
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12	
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11	
	15,16	10	17	16			
ZW3T49	GlobalFiler™						
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13		
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12	
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12	
	19,21,23,26			17,24.2,28.2	7,9.3	8,11	
	15,16	10			2		
ZW7BBJ	PowerPlex® Fusion 6C						
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13		
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12	
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12	
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11	
	15,16	10	17	16			
ZWQ38B	PowerPlex® Fusion 6C (STRmix)						
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13		
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12	
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12	
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11	
	15,16	10	17	16			
ZY7NMB	GlobalFiler™						
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13		
3	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12	
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12	
	19,21,23,26			17,24.2,28.2	7,9.3	8,11	
	15,16	10			2		

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3e - STR Results

7UWGPT	PowerPlex® Fusion 6C					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3e	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
AHCB7M	PowerPlex® Fusion 6C (STRmix v2.6.3)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3e	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3sp - STR Results

7UWGPT	PowerPlex® Fusion 6C					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3sp	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		
AHCB7M	PowerPlex® Fusion 6C (STRmix v2.6.3)					
	12,15,16.3,17	17,24,25	11,14	15,16,17	11,12,13	
3sp	9,10,12	10,14	13,16	16,18,19,26	11,12,13	11,12
	17,18,19,21	13,14,14.2,15	29,30.2,31	11,15,16	X,Y	11,12
	19,21,23,26	11,12,13	5,12,14,15	17,24.2,28.2	7,9.3	8,11
	15,16	10	17	16		

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

24HYDK	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
24Y4VH	PowerPlex® Fusion 6C (STRmix v2.8)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
28MBKL	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
2ANR8F	PowerPlex® Fusion 5C					
	15,[16.3],17.3	[17],20,25	[11,13],14	[15],16,[18]	11,[12],13	
4	[8],10,12,[13]	14	[12],13	16,17,26	11,12	11,12
	[16,17],19,21	[11],14,[14.2]	[28],29,31	[11],15,[17]	X,[Y]	[8],11
	19,26,[27]	8,[9],11,12	5,8,[15]		[7,8],9.3	[8],11
	[15],16,18	10				
2BFNWA	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
2JBQYL	GlobalFiler™ (STRmix 2.4)					
	15,16.3,17.3	17,20,23,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14,14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
2JUMC7	GlobalFiler™ (STRmix)					
	14,15,16.3,17.3	16,17,19,20,24,25	11,13,14	14,15,16,17,18	10,11,12,13	
4	8,10,11,12,13	13,14	11,12,13	16,17,25,26	10,11,12	10,11,12
	15,16,17,18,19,20,21	11,13,14,14.2	28,29,30,31	11,14,15,16,17	X,Y	8,10,11
	19,25,26,27			19,20,27.2,28,28.2	7,8,9.3	8,10,11
	14,15,16,17,18	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

2LKLQ6	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
2MWXFG	GlobalFiler™ (STRmix 2.4.06)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
2PZ4Z9	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
2Y6D8Y	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
376Y28	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
37K84F	PowerPlex® Fusion 6C (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
3EG37K	Investigator® 24plex QS (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27,Q			20,28.2	7,8,9.3	8,11
	15,16,18	10				

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

3EUHBL	GlobalFiler™ (STRmix V2.5.11)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14,14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
3HDQK8	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
3MTY97	GlobalFiler™ (STRmix)					
	14,15,15.3,16.3,17.3	16,17,19,20,24,25	10,11,13,14	14,15,16,17,18	10,11,12,13	
4	8,9,10,11,12,13	13,14	11,12,13	15,16,17,25,26	10,11,12	10,11,12
	15,16,17,18,19,20,21	11,13,13.2,14,14.2	27,28,29,30,31	11,14,15,16,17	X,Y	8,10,11
	18,19,25,26,27			19,20,27.2,28,28.2	7,8,9.3	8,10,11
	14,15,16,17,18	10			2	
3XCGH6	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
3XDAHX	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
3ZXGJ7	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
427X84	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

47F8GL	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	-	-	20,28.2	7,8,9.3	8,11
	15,16,18	10	-	-	2	
47KGPK	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
4A6E6N	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
4DZ7DL	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
4LUB62	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
4N2T6H	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,16,17,18	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
4RH8KC	PowerPlex® Fusion 5C (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15		7,8,9.3	8,11
	15,16,18	10				

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

4V2YWE	Identifiler® Plus					
		17,20,25		15,16,18	11,12,13	
4	8,10,12,13	14,14			11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31		X,X,Y	8,11
	19,26,27				7,8,9.3	8,11
	15,16,18					
4WUWF7	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
4YEYT7	PowerPlex® Fusion 6C					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8^,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11^,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27^	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
66NBRR	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
66YGNT	PowerPlex® Fusion 6C					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
69NLNR	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
6DFXG3	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

6DW3WF	PowerPlex® Fusion 6C (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
6JP66L	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
6LBQX9	GlobalFiler™ (STRmix v2.5)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
6MJ9NR	NGM SElect					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18		
4		14	12,13	16,17,26		11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	
	19,26,27			20,28.2	7,8,9.3	
	15,16,18					
6RWTUD	GlobalFiler™					
	15,16.3,17.3	17,20,25	[11],[13],14	[15],16,[18]	11,[12],13	
4	[8],10,12,[13]	14,14	[12],13	16,17,26	11,[12]	11,[12]
	16,[17],19,21	[11],14,14.2	[28],[29],31	11,15,[17]	X,[Y]	[8],11
	19,26,[27]			[20],28.2	7,[8],9.3	[8],11
	15,16,18	10			2	
6RYFCR	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
72HEDG	GlobalFiler™ (STRmix v.2.4)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

72XQ4Y	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
784AG7	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
79GU9F	PowerPlex® Fusion 6C (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
7GCRZP	Investigator® 24plex QS (TrueAllele)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10				
7NWTF3	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
7QY324	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
7VEBP4	PowerPlex® Fusion 6C					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16^,17^,19,21	11^,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27^	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

7WJ3GG	GlobalFiler™ (STRmix v2.4)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
7YA2VE	Identifiler® Plus					
		17,20,25		15,16,18	11,12,13	
4	8,10,12,13	14,14			11,12	11,12
	16,17,19,20,21	11,14,14.2	28,29,31		X,X,Y	8,11
	19,26,27				7,8,9.3	8,11
	15,16,18					
7YWHYN	PowerPlex® Fusion 6C (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
7YXTZF	GlobalFiler™ (STRmix 2.4.06)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	Not tested
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	Not tested	Not tested	20,28.2	7,8,9.3	8,11
	15,16,18	10	Not tested	Not tested	2	
874UGE	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
87QKLF	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
87RUM6	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

884KVA	PowerPlex® Fusion 6C (STRmix Version 2.8.0)					
	15,16.3,17.3	17,20,25	11,14	16,18	11,12,13	
4	8,10,12,13	14	13	16,17,25,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
8B9463	PowerPlex® Fusion 6C (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
8NTJ93	PowerPlex® Fusion 6C (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
8YTV6B	GlobalFiler™ (STRmix v2.4.06)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	NT
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	NT	NT	20,28.2	7,8,9.3	8,11
	15,16,18	10	NT	NT	2	
92Q9AT	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
92R6GH	GlobalFiler™					
	15,16.3	17,25	14,14	16,16	11,13	
4	10,12	14,14	13,13	16,26	11,11	11,11
	19,21	14,14.2	29,31	11,15	X,X	11,11
	19,26			28.2,28.2	7,9.3	11,11
	15,16					
96BB2X	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

9BGUD6	ESI-17						
	15,(16),16.3,17.3	17,20,25	11,13,14	15,16,18			
4		14	12,13	16,17,(25),26			11,12
	16,17,19,20,21	11,14,14.2	28,29,31	11,15,16,17,(18)	X,Y		
	19,26,27			20,28.2	7,8,9.3		
	15,16,18						
9BJCKG	PowerPlex® Fusion 6C (STRmix)						
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13		
4	8,10,12,13	14	12,13	16,17,26	11,12		11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y		8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3		8,11
	15,16,18	10	18	15			
9C8F3A	GlobalFiler™ (STRmix v2.4)						
	14,15,15.3,16.3,17.3	16,17,19,20,24,25	10,11,13,14	14,15,16,17,18	10,11,12,13		
4	8,9,10,11,12,13	13,14	11,12,13	15,16,17,25,26	10,11,12		10,11,12
	15,16,17,18,19,20,21	11,13,13.2,14,14.2	28,29,30,31	11,14,15,16,17	X,Y		8,10,11
	18,19,25,26,27			19,20,27.2,28.2	7,8,9.3		8,10,11
	14,15,16,17,18	10			2		
9EKDMY	GlobalFiler™ (STRmix)						
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13		
4	8,10,12,13	14	12,13	16,17,26	11,12		11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y		8,11
	19,26,27			20,28.2	7,8,9.3		8,11
	15,16,18	10			2		
9NGR23	PowerPlex® Fusion						
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13		
4	8,10,12,13	14,14	12,13	16,17,26	11,12		11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,[Y]		[8],11
	19,26,27	8,9,11,12	5,8,15		7,8,9.3		[8],11
	15,16,18	10					
9V67B3	GlobalFiler™ (STRmix)						
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13		NT
4	8,10,12,13	14	12,13	16,17,26	11,12		11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y		8,11
	19,26,27	NT	NT	20,28.2	7,8,9.3		8,11
	15,16,18	10	NT	NT	2		
9ZXCLY	GlobalFiler™ (STRmix v2.4.06)						
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13		
4	8,10,12,13	14	12,13	16,17,26	11,12		11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y		8,11
	19,26,27			20,28.2	7,8,9.3		8,11
	15,16,18	10			2		

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

A27N2E	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14,14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
A4BCHP	Identifiler®					
		17,20,25		15,16,18	11,12,13	
4	8,10,12,13	14,14			11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31		X,Y	8,11
	19,26,27				7,8,9.3	8,11
	15,16,18					
A6N7W6	Investigator® 24plex QS					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	N/A
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	N/A	N/A	20,28.2	7,8,9.3	8,11
	15,16,18	10	N/A	N/A	N/A	
A9KX3G	PowerPlex® Fusion 5C					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15		7,8,9.3	8,11
	15,16,18	10				
A9R8EA	PowerPlex® 5c					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	--
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	--	7,8,9.3	8,11
	15,16,18	10	--	--	--	
AALLR8	PowerPlex® Fusion 6C (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
ACLX6Y	PowerPlex® Fusion 6C					
	15,16.3,17.3	17,20,25	11^,13^,14	15^,16,18^	11,12^,13	
4	8,10,12,13^	14	12^,13	16^,17^,26^	11,12	11,12^
	16^,17^,19^,21^	11^,14^,14.2^	28,29,31	11,15,17^	X,Y	8^,11
	19^,26^,27^	8^,9^,11,12	5,8^,15	20,28.2	7^,8^,9.3	8,11
	15,16,18	10	18	15		

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

AJQFZE	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
AKDGH8	Identifiler® Plus					
		17,20,25		15,16,18	11,12,13	
4	8,10,12,13	14,14			11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31		X,X,Y	8,11
	19,26,27				7,8,9.3	8,11
	15,16,18					
ALCDGH	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
AMPWC9	Identifiler® Plus					
		17,20,25		15,16,18	11,12,13	
4	8,10,12,13	14,14			11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31		X,X,Y	8,11
	19,26,27				7,8,9.3	8,11
	15,16,18					
ANF69V	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
ATG6RZ	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
AU286Y	PowerPlex® Fusion 6C					
	15,16.3,17.3	17,20,25	11^,13^,14	15,16,18^	11,12^,13	
4	8,10,12,13^	14	12^,13	16,17,26	11,12	11,12
	16^,17^,19^,21	11^,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19^,26,27^	8^,9^,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

AVZ7N8	PowerPlex® Fusion 6C (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
AX8NM4	GlobalFiler™ (STRmix v2.5)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
AYYM22	PowerPlex® Fusion 6C					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14,14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
B3FF72	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	-
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	-	-	20,28.2	7,8,9.3	8,11
	15,16,18	10	-	-	2	
B4R7HQ	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
B7U4TJ	PowerPlex® Fusion 6C (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
B98E7Q	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,16,17,18	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

B9LZHD	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
BAUPPB	GlobalFiler™	(STRmix)				
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
BDYLNY	GlobalFiler™	(STRmix)				
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
BFL799	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14,14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
BGZUQN	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
BLBWGP	GlobalFiler™	(STRmix)				
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
BZ9X96	GlobalFiler™	(STRmix)				
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

BZRVLQ	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
BZVDT3	PowerPlex® Fusion 6C (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
C8N6E2	PowerPlex® Fusion 6C (STRMix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
CB3PCA	PowerPlex® Fusion 6C					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
CBZ77Y	PowerPlex® Fusion 5C					
	15,16.3,17.3	17,20,25	[11],[13],14	15,16,18	11,12,13	
4	8,10,12,13	14,14	[12],13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,[17]	X,[Y]	[8],11
	19,26,[27]	8,9,11,12	5,8,15		7,8,9.3	[8],11
	15,16,18	10				
CCJNNL	PowerPlex® 6C					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
CE7FLB	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

CJZGK4	PowerPlex® Fusion 6C (STRmix v. 2.8)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
CNQRV3	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	NT
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	NT	NT	20,28.2	7,8,9.3	8,11
	15,16,18	10	NT	NT	2	
CQXATX	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	NT
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	NT	NT	20,28.2	7,8,9.3	8,11
	15,16,18	10	NT	NT	2	
CT7YJ2	GlobalFiler™ (STRmix v2.5)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
CTP6HR	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,16,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
CWAXUU	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
CWLPLB	Investigator® 24plex QS (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10				

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

D6UPBJ	GlobalFiler™					
	15,16.3,17.3	17,20,25	[11],[13],14	[15],16,[18]	11,[12],13	
4	8,10,12,13	14	[12],13	16,17,26	11,[12]	11,12
	16,17,19,21	[11],14,[14.2]	[28],29,31	11,15,17	X,[Y]	[8],11
	19,26,27			[20],28.2	7,[8],9.3	[8],11
	15,16,18	10			2	
DAA9LY	PowerPlex® Fusion 6C (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
DBLRKA	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
DHLAYM	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
DLKNMC	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
DNLUXB	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
DT22LB	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

DTYGPV	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
DW3APL	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
E76ZUT	PowerPlex® Fusion					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15		7,8,9.3	8,11
	15,16,18	10				
E77KWB	PowerPlex® Fusion 6C (STRmix 2.6.1)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
EA8NQH	PowerPlex® Fusion 6C (STRmix)					
	15,16.3,17.3	17,20,25	[11],[13],14	[15],16,[18]	11,12,13	
4	8,10,12,13	14	[12],13	16,17,26	11,12	11,12
	16,17,19,21	[11],14,14.2	[28],29,31	11,15,[17]	X,[Y]	[8],11
	19,26,[27]	8,9,11,12	5,8,15	[20],28.2	7,[8],9.3	[8],11
	15,16,18	10	18	15		
EEYTG2	PowerPlex® Fusion 6C (STRmix v2.8)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
EHGACR	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

ELWUBZ	Investigator® 24plex QS					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	n/a
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	n/a	n/a	20,28.2	7,8,9.3	8,11
	15,16,18	10	n/a	n/a	n/a	
EM9GVZ	GlobalFiler™ (STRmix v.2.5)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
ENA8AV	PowerPlex® Fusion 6C (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
EQN2T9	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14,14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
ERNR94	PowerPlex® Fusion 6C (STRmix v2.8)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
EUD6QM	Investigator® 24plex QS (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10				
EV6ELA	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

EVHVQA	GlobalFiler™						
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13		
4	8,10,12,13	14,14	[12],13	16,17,26	11,12	11,12	
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,[Y]	[8],11	
	19,26,27			[20],28.2	7,8,9.3	[8],11	
	15,16,18	10			2		
EXQ2EW	GlobalFiler™	(STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	NT	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12	
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11	
	19,26,27	NT	NT	20,28.2	7,8,9.3	8,11	
	15,16,18	10	NT	NT	2		
EZHZTV	GlobalFiler™	(STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13		
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12	
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11	
	19,26,27			20,28.2	7,8,9.3	8,11	
	15,16,18	10			2		
EZWJDR	GlobalFiler™						
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13		
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12	
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11	
	19,26,27			20,28.2	7,8,9.3	8,11	
	15,16,18	10			2		
F342CN	GlobalFiler™	(STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13		
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12	
	16,17,19,21	11,14,14.2	28,29,31	11,15,16,17	X,Y	8,11	
	19,26,27			20,28.2	7,8,9.3	8,11	
	15,16,18	10			2		
F3DCHR	GlobalFiler™						
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13		
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12	
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11	
	19,26,27			20,28.2	7,8,9.3	8,11	
	15,16,18	10			2		
F3GXE8	GlobalFiler™						
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13		
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12	
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11	
	19,26,27			20,28.2	7,8,9.3	8,11	
	15,16,18	10			2		

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

F8BREU	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
F8UK7Q	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
FBD3H4	GlobalFiler™ (Casesolver, LRmix, Labretriever, Euroformix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
FBEMXW	GlobalFiler™ (STRmix v2.5)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
FCRW9H	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
FDGBQ2	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
FGFLM2	PowerPlex® Fusion 6C (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

FPCCE3	PowerPlex® Fusion 6C (STRmix v2.8)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
FR3M3B	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
FTCEQ6	Identifiler® Plus					
		17,20,25		15,16,18	11,12,13	
4	8,10,12,13	14,14			11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31		X,Y	8,11
	19,26,27				7,8,9.3	8,11
	15,16,18					
FTUWYX	GlobalFiler™ (STRmix v2.5)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
FVJX77	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
FXJHLQ	Identifiler® Plus					
		17,20,25		15,16,18	11,12,13	
4	8,10,12,13	14,14			11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31		X,Y	8,11
	19,26,27				7,8,9.3	8,11
	15,16,18					
G27BHE	PowerPlex® Fusion 6C (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

G3Y4DX	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
G7GX26	GlobalFiler™ (STRmix v 2.4.06)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
GAW7P4	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
GGJL9M	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,20,21	11,14,14.2	28,29,31	11,15,16,17,18	X,Y	8,11
	19,26,27			19.2,20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
GJH4X2	GlobalFiler™					
	15,16.3,17.3	17,20,25	[11],[13],14	[15],16,[18]	[11],[12],13	
4	[8],10,12,13	14,14	[12],13	16,17,26	11,12	11,[12]
	16,17,19,21	[11],14,14.2	[28],29,31	11,15,[17]	X,[Y]	[8],11
	[19],26,[27]			[20],28.2	7,[8],9.3	[8],11
	15,16,18	10			2	
GU2B64	PowerPlex® Fusion 6C (STRmix v2.8)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
GW8WVP	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

H2YME7	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
H4QLT4	PowerPlex® Fusion 6C					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
HBTLER	PowerPlex® Fusion 6C (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
HDU737	Identifiler® Plus					
		17,20,25		15,16,18	11,12,13	
4	8,10,12,13	14,14			11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31		X,Y	8,11
	19,26,27				7,8,9.3	8,11
	15,16,18					
HEMPWX	PowerPlex® Fusion 6C (STRmix v 2.8)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
HNANN3	PowerPlex® Fusion 6C (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
HNE4Z4	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,20,21	11,14,14.2	28,29,31	11,15,17,18	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

HW8FWW	PowerPlex® Fusion 6C (STRmix 2.8)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
J2BNRR	PowerPlex® Fusion 5C					
	15,16.3,17.3	17,20,25	[11],[13],14	[15],16,[18]	11,12,13	
4	8,10,12,13	14,14	[12],13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,[17]	X,[Y]	[8],11
	19,26,27	8,9,11,12	5,8,15		7,8,9.3	[8],11
	15,16,18	10				
J2W3HP	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
J3QBJ2	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
J7QWFQ	GlobalFiler™ (BulletProof Sentry)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
JDLYH3	Identifiler® Plus					
		17,20,25		15,16,18	11,12,13	
4	8,10,12,13	14,14			11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31		X,X,Y	8,11
	19,26,27				7,8,9.3	8,11
	15,16,18					
JE42E3	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,16,17,18	X,Y	8,11
	19,26,27			19.2,20,28.2	7,8,9.3	8,11
	15,16,18	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

JJUFZ4	PowerPlex® Fusion 6C (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
JRRWXN	Identifiler® Plus, PowerPlex® Fusion 6C					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
JVKEHT	GlobalFiler™ (BulletProof Sentry)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
K4XFPF	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
K9TGGW	PowerPlex® Fusion 5C					
	[15,16.3],17.3	[17],20,25	[11,13],14	[15],16,[18]	11,12,13	
4	8,10,12,[13]	14	[12],13	[16],17,[26]	11,12	11,12
	16,[17],19,21	[11],14,[14.2]	[28],29,31	[11],15,[17]	X,[Y]	[8],11
	[19],26,[27]	[8],9,11,12	[5],8,[15]		[7,8],9.3	[8],11
	15,16,18	10				
KQDXVQ	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	NT
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	NT	NT	20,28.2	7,8,9.3	8,11
	15,16,18	10	NT	NT	2	
KQEV6L	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

KQTGEN	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
KR6UJK	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,24,25	11,13,14	15,16,17,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,25,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,16,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
KU9P3M	GlobalFiler™ (STRmix)					
	15,16.3,17.3	16,17,19,20,24,25	10,11,13,14	14,15,16,17,18	11,12,13	
4	8,10,12,13	13,14	12,13	16,17,25,26	10,11,12	10,11,12
	16,17,18,19,20,21	11,13,14,14.2	28,29,30,31	11,14,15,16,17	X,Y	8,10,11
	18,19,25,26,27			20,27.2,28,28.2	7,8,9.3	8,11
	15,16,17,18	10			2	
KUTF4V	Investigator® 24plex QS					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	N/A
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	N/A	N/A	20,28.2	7,8,9.3	8,11
	15,16,18	10	N/A	N/A	N/A	
KV78WC	GlobalFiler™ (TrueAllele)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
KV7BKL	Identifiler® Plus (EuroForMix)					
		17,20,25		15,16,18	11,12,13	
4	8,10,12,13	14			11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31		X,Y	8,11
	19,26,27				7,8,9.3	8,11
	15,16,18					
KVKNXW	PowerPlex® Fusion 6C (STRmix v 2.8)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

KY4PU4	GlobalFiler™					
	15,16.3,17.3	17,20,25	[11],[13],14	15,16,18	11,12,13	
4	8,10,12,13	14	[12],13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,[Y]	[8],11
	19,26,27			[20],28.2	7,8,9.3	[8],11
	15,16,18	10			2	
L272CP	GlobalFiler™ (STRmix)					
	14,15,15.3,16.3,17.3	16,17,19,20,24,25	10,11,13,14	14,15,16,17,18	10,11,12,13	
4	8,9,10,11,12,13	13,14	12,13	16,17,25,26	10,11,12	10,11,12
	15,16,17,18,19,20,21	11,13,13.2,14,14.2	28,29,30,31	11,14,15,16,17	X,Y	8,10,11
	18,19,25,26,27			19,20,27.2,28,28.2,29.2	7,8,9.3	8,10,11
	14,15,16,17,18	10			2	
L2AZJZ	Identifiler® Plus					
		17,20,25		15,16,18	11,12,13	
4	8,10,12,13	14,14			11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31		X,Y	8,11
	19,26,27				7,8,9.3	8,11
	15,16,18					
L8NGU2	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14,14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
LCLTXE	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
LCLZXK	GlobalFiler™ (STRmix V2.4.06)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
LLFW93	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14,14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

LNK2TW	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
LU7QWK	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
M2JYXL	PowerPlex® Fusion 6C					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27^	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
M7GC3Y	PowerPlex® Fusion 6C (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
MJ4T6X	GlobalFiler™ (STRmix v. 2.4.06)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
MPPH9K	home made multiplex					
	15,16.3,17.3		11,13,14	15,16,18		
4		14,14	12,13	16,17,26		11,12
	16,17,19,21		28,29,31	11,15,17	X,Y	
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18					
MUGD2Y	GlobalFiler™ (STRmix v2.4.06)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

MW72QY	Identifiler® Plus					
		17,20,25		15,16,18	11,12,13	
4	8,10,12,13	14,14			11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31		X,X,Y	8,11
	19,26,27				7,8,9.3	8,11
	15,16,18					
MXKKBW	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14,14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
N24TKG	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
N43DZ2	GlobalFiler™					
4						
N7TF8A	PowerPlex® Fusion 6C (STRmix™ v2.6.3)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
N9X69X	GlobalFiler™ (STRmix 2.4)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
NE8AEP	PowerPlex® Fusion 6C (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

NEN9NG	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,24,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,16,17,18	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
NQGWFA	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
NT6DMW	Identifiler® Plus					
		17,20,25		15,16,18	11,12,13	
4	8,10,12,13	14,14			11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31		X,X,Y	8,11
	19,26,27				7,8,9.3	8,11
	15,16,18					
NX2RHY	PowerPlex® Fusion 6C					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
NZPHQJ	Identifiler® Plus					
		17,20,25		15,16,18	11,12,13	
4	8,10,12,13	14			11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31		X,Y	8,11
	19,26,27				7,8,9.3	8,11
	15,16,18					
P4HWKX	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14,14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
P9DRDJ	PowerPlex® Fusion 6C (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

PB4PXJ	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
PEGPUB	GlobalFiler™	(GeneMapper ID-X 1.5)				
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
PH3CMX	GlobalFiler™	(STRmix 2.4)				
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
PH7UU9	GlobalFiler™	(STRmix)				
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
PJV9CR	PowerPlex® Fusion 6C					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
PNRRFB	Identifiler® Plus					
		17,20,25		15,16,18	11,12,13	
4	8,10,12,13	14			11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31		X,Y	8,11
	19,26,27				7,8,9.3	8,11
	15,16,18					
PRBZQW	GlobalFiler™	(STRmix)				
	15,16.3,17.3,18.3	17,20,25	11,13,14	15,16,17,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,16,17,18	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

PZ44ZK	PowerPlex® Fusion 6C (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
Q4FL4L	PowerPlex® Fusion 6C (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
Q4Z3JN	Investigator® 24plex QS					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	N/A
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	N/A	N/A	20,28.2	7,8,9.3	8,11
	15,16,18	10	N/A	N/A	N/A	
Q6RP8T	GlobalFiler™ (STRmix)					
	14,15,15.3,16.3,17.3	16,17,19,20,24,25	10,11,13,14	14,15,16,17,18	11,12,13	
4	8,9,10,11,12,13	13,14	11,12,13	16,17,25,26	10,11,12	10,11,12
	15,16,17,18,19,20,21	10,11,13,13.2,14,14.2	28,29,30,31	11,14,15,16,17	X,Y	8,10,11
	18,19,25,26,27			19,20,27.2,28.2	7,8,9.3	8,10,11
	14,15,16,17,18	10			2	
QCGMXL	PowerPlex® Fusion 6C (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
QH4HRY	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
QK8DB2	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

QNQCPW	PowerPlex® Fusion 6C (STRmix 2.6.1)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
QVQRE4	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
R28K49	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
RBDNRJ	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	NT
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	NT	NT	20,28.2	7,8,9.3	8,11
	15,16,18	10	NT	NT	2	
RBTXUR	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14,14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
RBUV6M	Investigator® 24plex QS					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	N/A
4	8,10,12,13	14	13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	N/A	N/A	20,28.2	7,8,9.3	8,11
	15,16,18	10	N/A	N/A	N/A	
RCQCBH	PowerPlex® Fusion 6C (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

RDKUJL	ESI17 FAST					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18		
4		14	12,13	16,17,26		11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	
	19,26,27			20,28.2	7,8,9.3	
	15,16,18					
RET9PR	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14,14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
RF6VAR	PowerPlex® Fusion 6C (STRmix v2.8)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
RGK6EL	PowerPlex® ESI-17 FAST					
	15,16.3,[17.3]	17,[20],25	[11],14	16,[18]		
4		14	13	16,[17],26		11,[12]
	[16],[17],19,21	[11],14,14.2	[28],29,31	11,15,[17]	X,[Y]	
	19,26,[27]			[20],28.2	7,[8],9.3	
	15,16,[18]					
RKJER9	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
RLW7JP	PowerPlex® Fusion 6C (STRMix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
RNHN2B	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

RPCE8P	PowerPlex® Fusion 6C (STRmix v2.8)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
RRXFQH	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
RW9HQR	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14,14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
RYZEFL	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
T3F9TX	Investigator® 24plex (STRmix)					
	15,16.3,17.3	17,20,25	[11],[13],14	[15],16,[18]	11,[12],13	
4	[8],10,12,[13]	14	[12],13	16,17,26	11,12	11,[12]
	16,17,19,21	[11],14,[14.2]	[28],29,31	11,15,[17]	X,[Y]	[8],11
	19,26,[27]			[20],28.2	[7],[8],9.3	[8],11
	15,16,18	10				
T7FCM7	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
T7XG4J	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	NT
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	NT	NT	20,28.2	7,8,9.3	8,11
	15,16,18	10	NT	NT	2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

TACZ2R	Identifiler® Plus					
		17,20,25		15,16,18	11,12,13	
4	8,10,12,13	14,14			11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31		X,X,Y	8,11
	19,26,27				7,8,9.3	8,11
	15,16,18					
TAFNJ7	Investigator® 24plex QS (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10				
TEQXAE	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
TETJ6V	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,16,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
THLPFQ	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14,14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
TKEL4K	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
TNH83H	PowerPlex® Fusion 6C					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14,14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

TNHXGD	PowerPlex® 21 (STRmix)					
	15,16.3,17.3	17,20,25		15,16,18	11,12,13	12,17,19,22.3
4	8,10,12,13	14		16,17,26	11,12	11,12
	14,16,17,19,21	11,14,14.2	28,29,31		X,Y	8,11
	19,26,27	8,9,11,12	5,8,15		7,8,9.3	8,11
	15,16,18					
TRVWJ7	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,16,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
TU7UXN	PowerPlex® Fusion 6C (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14,14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
TVARXJ	GlobalFiler™					
	15,16.3,17.3	17,20,25	[11],[13],14	[15],16,[18]	11,[12],13	
4	[8],10,12,[13]	14,14	[12],13	16,17,26	11,12	11,12
	16,17,19,21	[11],14,14.2	[28],29,31	11,15,[17]	X,[Y]	[8],11
	19,26,[27]			[20],28.2	7,[8],9.3	[8],11
	15,16,18	10			2	
TWAPGR	PowerPlex® Fusion 6C (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14,14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,16,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
TYCNRJ	GlobalFiler™ (STRmix v2.5)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
U2KVWX	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

U3T9CE	GlobalFiler™ (STRmix 2.8.0)					
	14,15,16.3,17.3	17,19,20,24,25	11,13,14	14,15,16,18	11,12,13,14	
4	8,10,11,12,13	13,14	11,12,13	16,17,26	10,11,12	10,11,12
	15,16,17,18,19,20,21	11,13,13.2,14,14.2	28,29,30,31	11,14,15,16,17	X,Y	8,10,11
	19,25,26,27			20,27.2,28,28.2	7,8,9.3	8,11
	15,16,17,18	10			2	
U63FGR	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
U6K429	GlobalFiler™ (STRMix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
U9WEQG	PowerPlex® Fusion 6C					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
UAW67C	PowerPlex® 21					
	15,16.3,17.3	17,20,25		15,16,18	11,12,13	12,17,19,22.3
4	8,10,12,13	14		16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31		X,Y	8,11
	19,26,27	8,9,11,12	5,8,15		7,8,9.3	8,11
	15,16,18					
UD9496	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
UFZ3M4	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

UJ6LVW	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
UKEMYJ	PowerPlex® Fusion 6C (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
ULKGAA	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	8,11,12	11,12
	16,17,19,20,21	11,14,14.2	28,29,31	11,15,16,17,18	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
UM38JT	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
UMYPCH	PowerPlex® Fusion 6C (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
UQZPX9	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,17,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,25,26	11,12	11,12
	16,17,19,20,21	11,14,14.2	28,29,31	11,15,16,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
UZ377Q	PowerPlex® Fusion 6C (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

UZ8LJQ	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
V9DVH4	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
VBHHYE	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
VDAEN9	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,17,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,16,17,18	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
VDNBZM	GlobalFiler™ (STRmix)					
	14,15,15.3,16.3,17.3	16,17,19,20,24,25	10,11,13,14	14,15,16,17,18	11,12,13	
4	8,10,11,12,13	13,14	12,13	16,17,25,26	10,11,12	10,11,12
	15,16,17,18,19,20,21	11,13,13.2,14,14.2	28,29,30,31	11,14,15,16,17	X,Y	8,10,11
	18,19,25,26,27			19,20,27.2,28.2	7,8,9.3	8,10,11
	15,16,17,18	10			2	
VFEYDU	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
VGPWRB	Investigator® 24plex QS					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10				

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

VGT7YB	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
VK6GPK	PowerPlex® Fusion 6C (STRmix v2.8)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
VKRKKF	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	NT
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	NT	NT	20,28.2	7,8,9.3	8,11
	15,16,18	10	NT	NT	2	
VMTV93	PowerPlex® Fusion 6C					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
VT4Y6W	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
VXFM6T	Investigator® 24plex QS (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10				
W28DLN	PowerPlex® Fusion 6C (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

W74XRT	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
W7MVVT	GlobalFiler™					
	15,16.3,17.3	17,20,25	[11,13],14	15,16,18	11,12,13	
4	8,10,12,13	14,14	[12],13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,[Y]	[8],11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
WD4WAP	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	NA
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	NA	NA	20,28.2	7,8,9.3	8,11
	15,16,18	10	NA	NA	2	
WFDKME	PowerPlex® Fusion 6C					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
WJMW9U	PowerPlex® Fusion 5C					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15		7,8,9.3	8,11
	15,16,18	10				
WK4TZT	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
WN34WT	GlobalFiler™ (STRMix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

WPFRFT	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	-	-	20,28.2	7,8,9.3	8,11
	15,16,18	10	-	-	2	
WTCK6G	Investigator® 24plex QS					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	N/A
4	8,10,12,13	14,14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	N/A	N/A	20,28.2	7,8,9.3	8,11
	15,16,18	10	N/A	N/A	N/A	
WYAQFE	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14,14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
X2737B	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
X28M8T	GlobalFiler™ (STRmix 2.4)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
X4FQ4P	PowerPlex® Fusion 6C (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
XAZVRJ	PowerPlex® Fusion 5C					
	15,16.3,17.3	17,20,25	[11,13],14	[15],16,[18]	[11,12],13	
4	[8],10,12,[13]	14	[12],13	16,17,[26]	11,[12]	11,12
	[16,17],19,21	[11],14,[14.2]	[28,29],31	[11],15,[17]	X,[Y]	[8],11
	[19],26,[27]	8,[9],11,12	[5],8,15		[7,8],9.3	[8],11
	15,16,18	10				

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

XBXCYF	PowerPlex® Fusion 6C (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
XEU3WE	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	NT
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	NT	NT	20,28.2	7,8,9.3	8,11
	15,16,18	10	NT	NT	2	
XLDKNM	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
XPWCGH	PowerPlex® Fusion 5C (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15		7,8,9.3	8,11
	15,16,18	10				
XUQ373	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
XXQ9RY	PowerPlex® Fusion 6C (STRmix v. 2.6.2)					
	15,16.3,17.3	17,20,25	[11],[13],14	15,16,[18]	[11],[12],13	
4	8,10,12,13	14	[12],13	16,17,[26]	11,12	11,12
	16,17,19,21	11,14,[14.2]	28,[29],31	11,15,[17]	X,[Y]	[8],11
	19,26,27	8,9,11,12	5,8,[15]	[20],28.2	7,8,9.3	[8],11
	[15],[16],18	10	18	15		
Y692G4	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,17,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,16,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

YAGGPT	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
YDJDG9	PowerPlex® 21 (STRmix)					
	15,16.3,17.3	17,20,25		15,16,18	11,12,13	12,17,19,22.3
4	8,10,12,13	14		16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31		X,Y	8,11
	19,26,27	8,9,11,12	5,8,15		7,8,9.3	8,11
	15,16,18					
YL8DP6	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,24,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,25,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,16,17,18	X,Y	8,11
	19,24,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
YM24VJ	PowerPlex® Fusion 6C (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
YMH34B	GlobalFiler™ (BULLET PROOF SENTRY)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
YMLKBM	PowerPlex® Fusion 6C					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
YQMLD6	GlobalFiler™ (strmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,25,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,16,17,18	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

YRWZCX	Investigator® 24plex QS					
	15,16.3,[17.3]	17,[20],25	[11],[13],14	[15],16,[18]	11,[12],13	N/A
4	[8],10,12,[13]	14	[12],13	16,[17],26	11,[12]	11,[12]
	[16],[17],19,21	[11],14,14.2	[28],29,31	11,15,[17]	X,[Y]	[8],11
	19,26,[27]	N/A	N/A	[20],28.2	7,[8],9.3	[8],11
	15,16,[18]	10	N/A	N/A	N/A	
YUHL6L	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14,14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
YUZLAW	PowerPlex® Fusion 6C					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
YWAKHJ	GlobalFiler™					
	[15],[16.3],17.3	[17],20,[25]	[11],[13],14	[15],16,[18]	11,12,13	
4	8,10,12,13	14,14	[12],13	16,17,26	11,12	11,12
	[16],[17],19,21	[11],14,[14.2]	[28],29,31	11,15,[17]	X,[Y]	[8],11
	19,26,[27]			[20],28.2	[7],[8],9.3	[8],11
	15,16,18	10			2	
Z2HQRH	GlobalFiler™ (STRmix v2.4.06)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
Z38WRL	GlobalFiler™ (STRmix 2.4)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14,14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
Z7PGUN	Identifiler® Plus					
		17,20,25		15,16,18	11,12,13	
4	8,10,12,13	14,14			11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31		X,Y	8,11
	19,26,27				7,8,9.3	8,11
	15,16,18					

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

ZCZVR8	GlobalFiler™ (STRmix)					
	14,15,15.3,16.3,17.3	17,19,20,24,25	11,13,14	14,15,16,17,18	10,11,12,13	
4	8,10,11,12,13	13,14	12,13	16,17,25,26	10,11,12	10,11,12
	16,17,18,19,20,21	11,13,13.2,14,14.2	28,29,30,31	11,14,15,16,17	X,Y	8,10,11
	18,19,25,26,27			19,20,27.2,28,28.2	7,8,9.3	8,11
	14,15,16,18	10			2	
ZDTRF2	GlobalFiler™ (STRmix v2.6)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
ZJKW8K	PowerPlex® Fusion 6C (STRmix v2.8)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
ZLPJNV	Investigator® 24plex QS (TrueAllele Casework System)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10				
ZLT3V8	PowerPlex® 21 (STRmix)					
	15,16.3,17.3	17,20,25		15,16,18	11,12,13	12,17,19,22.3
4	8,10,12,13	14		16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31		X,Y	8,11
	19,26,27	8,9,11,12	5,8,15		7,8,9.3	8,11
	15,16,18					
ZMHFDP	GlobalFiler™ (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
ZP7X4P	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,[Y]	8,11
	19,26,27			[20],28.2	7,8,9.3	[8],11
	15,16,18	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4 - STR Results

ZQKDLW	PowerPlex® Fusion 6C					
	15,16.3,17.3	17,20,25	[11],[13],14	15,16,[18]	11,12,13	
4	8,10,12,13	14	[12],13	16,17,[26]	11,12	11,12
	16,17,19,21	[11],14,14.2	[28],29,31	11,15,[17]	X,[Y]	[8],11
	19,26,[27]	8,9,11,12	5,8,15	[20],28.2	7,8,9.3	[8],11
	15,16,18	10	18	15		
ZVECWL	PowerPlex® Fusion 6C (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
ZW3T49	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	
ZW7BBJ	PowerPlex® Fusion 6C					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
ZWQ38B	PowerPlex® Fusion 6C (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
ZY7NMB	GlobalFiler™					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27			20,28.2	7,8,9.3	8,11
	15,16,18	10			2	

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4e - STR Results

7UWGPT	PowerPlex® Fusion 6C					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4e	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
AHCB7M	PowerPlex® Fusion 6C (STRmix v2.6.3)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4e	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15	20,28.2	7,8,9.3	8,11
	15,16,18	10	18	15		
AJ6427	PowerPlex® Fusion 5C (STRmix)					
	15,16.3,17.3	17,20,25	11,13,14	15,16,18	11,12,13	
4e	8,10,12,13	14	12,13	16,17,26	11,12	11,12
	16,17,19,21	11,14,14.2	28,29,31	11,15,17	X,Y	8,11
	19,26,27	8,9,11,12	5,8,15		7,8,9.3	8,11
	15,16,18	10				

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TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 4sp - STR Results

7UWGPT	PowerPlex® Fusion 6C					
	16.3,17.3	20,25	11	16,18	12,13	
4sp	10	14	12,13	17	11,12	11,12
	16,17,19,21		31	15	X,Y	11
	19,26,27	9,11,12		28.2	7,8,9.3	11
		10		15		
AHCB7M	PowerPlex® Fusion 6C (STRmix v2.6.3)					
	15,16.3,17.3	17,20,25	11,14	15,16	13	
4sp	10,12	14	12,13	16,17,26	11,12	11,12
	17,19	14,14.2	29,31	15	X,Y	8,11
	19,26,27	11,12	5,15	28.2	7,9.3	8,11
	15,16,18	10	18	15		
AJ6427	PowerPlex® Fusion 5C (STRmix)					
	NT	NT	NT	NT	NT	
4sp	NT	NT	NT	NT	NT	NT
	NT	NT	NT	NT	NT	NT
	NT	NT	NT		NT	NT
	NT	NT				

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YSTR Amplification Kit(s) & Results

TABLE 3

WebCode Item	Amplification Kit								
	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
24HYDK	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
2ANR8F	PowerPlex® Y 23								
2		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11
2BFNWA	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
2Y6D8Y	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
376Y28	Yfiler™								
2		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		
							21		11
37K84F	PowerPlex® Y 23								
2		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11
3EG37K	PowerPlex® Y 23								
2		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11
3G82KJ	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
4RH8KC	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
4WUWF7	Yfiler™								
2		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		
							21		11
66NBRR	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11

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WebCode Item	Amplification Kit	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
		DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results										
6DW3WF	PowerPlex® Y 23									
2			16	15,17	12	28	23	10	10	15
		15	10	11	21		14	17		22
			11	13	17	16		21	10	11
6JP66L	Yfiler™ Plus									
2		38,39	16	15,17	12	28	23	10	10	15
		15	10	11	21	25	14	17	11	22
		39	11		17	16	18	21		11
6MJ9NR	PowerPlex® Y 23									
2			16	15,17	12	28	23	10	10	15
		15	10	11	21		14	17		22
			11	13	17	16		21	10	11
6RYFCR	Yfiler™ Plus									
2		38,39	16	15,17	12	28	23	10	10	15
		15	10	11	21	25	14	17	11	22
		39	11		17	16	18	21		11
72HEDG	Yfiler™ Plus									
2		38,39	16	15,17	12	28	23	10	10	15
		15	10	11	21	25	14	17	11	22
		39	11		17	16	18	21		11
784AG7	Yfiler™									
2			16	15,17	12	28	23	10	10	15
		15	10	11	21		14	17		
								21		11
7GCRZP	Yfiler™									
2			16	15,17	12	28	23	10	10	15
		15	10	11	21		14	17		
								21		11
874UGE	Yfiler™ Plus									
2		38,39	16	15,17	12	28	23	10	10	15
		15	10	11	21	25	14	17	11	22
		39	11		17	16	18	21		11
87RUM6	Yfiler™									
2			16	15,17	12	28	23	10	10	15
		15	10	11	21		14	17		
								21		11
8YTV6B	Yfiler™ Plus									
2		38,39	16	15,17	12	28	23	10	10	15
		15	10	11	21	25	14	17	11	22
		39	11	NT	17	16	18	21	NT	11
92Q9AT	Yfiler™ Plus									
2		38,39	16	15,17	12	28	23	10	10	15
		15	10	11	21	25	14	17	11	22
		39	11		17	16	18	21		11
A9R8EA	PowerPlex® Y 23									
2		--	16	15,17	12	28	23	10	10	15
		15	10	11	21	--	14	17	--	22
		--	11	13	17	16	--	21	10	11

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WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
ALCDGH	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
BZ9X96	PowerPlex® Y 23								
2		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11
CE7FLB	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
CJZGK4	PowerPlex® Y 23								
2		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11
CWAXUU	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
CWLPLB	PowerPlex® Y 23								
2		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11
D6UPBJ	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
DBLRKA	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
DLKNMC	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
DT22LB	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
DTYGPV	Yfiler™								
2		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		
							21		11
E76ZUT	PowerPlex® Y 23								
2		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11

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WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
E77KWB	PowerPlex® Y 23								
2		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11
EA8NQH	PowerPlex® Y 23								
2		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11
ERNR94	PowerPlex® Y 23								
2		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11
F8UK7Q	Yfiler™								
2		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		
							21		11
FBD3H4	PowerPlex® Y 23								
2		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11
FDGBQ2	PowerPlex® Y 23								
2		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11
FG4ZYK	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
FGFLM2	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
FXJHLQ	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
G7GX26	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
GAW7P4	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
GXLH8C	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11

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WebCode Item	Amplification Kit								
	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
H2YME7	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
H4QLT4	PowerPlex® Y 23								
2		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11
J2BNRR	Yfiler™								
2		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		
							21		11
J2W3HP	Yfiler™								
2		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		
							21		11
J3QBJ2	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
J4ME4G	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
J7QWFQ	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
JRRWXN	Yfiler™								
2		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		
							21		11
JVKEHT	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
K4XFPF	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
KLZDN6	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
KV78WC	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11

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Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
KV7BKL	Yfiler™								
2		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		
							21		11
M7GC3Y	PowerPlex® Y 23								
2		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11
N7TF8A	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
NZPHQJ	PowerPlex® Y 23								
2		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11
P4HWKX	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
PB4PXJ	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
PEGPUB	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
PJV9CR	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
Q4FL4L	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
QNQCPW	PowerPlex® Y 23								
2		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11
QTXVPA	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
RET9PR	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11

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Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
RLW7JP	PowerPlex® Y 23								
2		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11
RYZEFL	Yfiler™								
2		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		
							21		11
T3F9TX	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
T7FCM7	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
TAFNJ7	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
TETJ6V	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
THLPFQ	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
TKEL4K	Yfiler™								
2		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		
							21		11
U2KVWX	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
UAW67C	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
UJ6LVW	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
UM38JT	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11

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Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
UMYPCH	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
UQZPX9	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
UZ377Q	PowerPlex® Y 23								
2		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11
VDAEN9	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
VFEYDU	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
VGT7YB	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
VK6GPK	PowerPlex® Y 23								
2		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11
VXFM6T	PowerPlex® Y 23								
2		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11
W74XRT	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
WD4WAP	Yfiler™								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11	NA	17	16	18	21	NA	11
WJMW9U	Yfiler™								
2		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		
							21		11
X4FQ4P	PowerPlex® Y 23								
2		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11

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Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
XLDKNM	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
YAGGPT	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
YDJDG9	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
YM24VJ	PowerPlex® Y 23								
2		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11
YUZLAW	Yfiler™ Plus								
2	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
ZLPJNV	Yfiler™								
2		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		
							21		11
ZVECWL	PowerPlex® Y 23								
2		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11
ZW3T49	Yfiler™								
2		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		
							21		11
ZY7NMB	Yfiler™								
2		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		
							21		11

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WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 3 - YSTR Results									
24HYDK	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
2BFNWA	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
2Y6D8Y	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
376Y28	Yfiler™								
3		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		
							21		11
37K84F	PowerPlex® Y 23								
3		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11
3EG37K	PowerPlex® Y 23								
3		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11
4RH8KC	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
4V2YWE	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
4WUWF7	Yfiler™								
3		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		
							21		11
66NBRR	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
6DW3WF	PowerPlex® Y 23								
3		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11
6JP66L	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11

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WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 3 - YSTR Results									
6MJ9NR	PowerPlex® Y 23								
3		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11
6RYFCR	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
72HEDG	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
784AG7	Yfiler™								
3		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		
							21		11
7GCRZP	Yfiler™								
3		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		
							21		11
7YA2VE	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
874UGE	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
87RUM6	Yfiler™								
3		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		
							21		11
8YTV6B	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11	NT	17	16	18	21	NT	11
92Q9AT	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
A9R8EA	PowerPlex® Y 23								
3	--	16	15,17	12	28	23	10	10	15
	15	10	11	21	--	14	17	--	22
	--	11	13	17	16	--	21	10	11
AKDGH8	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11

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WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 3 - YSTR Results									
ALCDGH	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
AMPWC9	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
BZ9X96	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
CE7FLB	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
CJZGK4	PowerPlex® Y 23								
3		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11
CWAXUU	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
CWLPLB	PowerPlex® Y 23								
3		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11
D6UPBJ	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
DBLRKA	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
DLKNMC	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
DT22LB	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
DTYGPV	Yfiler™								
3		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		
							21		11

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Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 3 - YSTR Results									
E76ZUT	PowerPlex® Y 23								
3		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11
E77KWB	PowerPlex® Y 23								
3		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11
EA8NQH	PowerPlex® Y 23								
3		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11
ERNR94	PowerPlex® Y 23								
3		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11
F8UK7Q	Yfiler™								
3		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		
							21		11
FBD3H4	PowerPlex® Y 23								
3		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11
FDGBQ2	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
FG4ZYK	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
FGFLM2	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
FVJX77	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
FXJHLQ	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
G7GX26	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11

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Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 3 - YSTR Results									
H2YME7	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
H4QLT4	PowerPlex® Y 23								
3		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11
J2BNRR	Yfiler™								
3		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		
							21		11
J2W3HP	Yfiler™								
3	14	12	23	28	17	16	15,17	15	10
	11	21	10	11	15	10	21		
J4ME4G	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
J7QWFQ	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
JDLYH3	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
JRRWXN	Yfiler™								
3		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		
							21		11
JVKEHT	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
K4XFPF	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
KV78WC	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
KV7BKL	Yfiler™								
3		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		
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	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 3 - YSTR Results									
M7GC3Y	PowerPlex® Y 23								
3		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11
MW72QY	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
N7TF8A	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
NT6DMW	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
NZPHQJ	PowerPlex® Y 23								
3		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11
P4HWKX	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
PEGPUB	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
PJV9CR	PowerPlex® Y 23								
3		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11
Q4FL4L	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
QNQCPW	PowerPlex® Y 23								
3		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11
QTXVPA	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
RET9PR	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11

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Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 3 - YSTR Results									
RLW7JP	PowerPlex® Y 23								
3		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11
RYZEFL	Yfiler™								
3		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		
							21		11
T3F9TX	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
T7FCM7	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
TAFNJ7	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
TETJ6V	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
THLPFQ	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
TKEL4K	Yfiler™								
3		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		
							21		11
U2KVWX	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
UAW67C	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
UJ6LVW	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
UM38JT	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11

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	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 3 - YSTR Results									
UMYPCH	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
UQZPX9	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
UZ377Q	PowerPlex® Y 23								
3		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11
UZ8LJQ	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
VDAEN9	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
VFEYDU	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
VGT7YB	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
VK6GPK	PowerPlex® Y 23								
3		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11
VXFM6T	PowerPlex® Y 23								
3		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11
W74XRT	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
WD4WAP	Yfiler™								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11	NA	17	16	18	21	NA	11
WJMW9U	Yfiler™								
3		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		
							21		11

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WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 3 - YSTR Results									
X4FQ4P	PowerPlex® Y 23								
3		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11
XLDKNM	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
YAGGPT	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
YDJDG9	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
YM24VJ	PowerPlex® Y 23								
3		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11
YUZLAW	Yfiler™ Plus								
3	38,39	16	15,17	12	28	23	10	10	15
	15	10	11	21	25	14	17	11	22
	39	11		17	16	18	21		11
ZLPJNV	Yfiler™								
3		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		
							21		11
ZVECWL	PowerPlex® Y 23								
3		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		22
		11	13	17	16		21	10	11
ZW3T49	Yfiler™								
3		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		
							21		11
ZY7NMB	Yfiler™								
3		16	15,17	12	28	23	10	10	15
	15	10	11	21		14	17		
							21		11

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WebCode	Amplification Kit								
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	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 4 - YSTR Results									
24HYDK	Yfiler™ Plus								
4	37,39	15	15,18	13	30	21	10	11	14
	14	11	12	21	27	15	17	11	28
	38	11		18	15	17	21		12
2BFNWA	Yfiler™ Plus								
4	37,39	15	15,18	13	30	21	10	11	14
	14	11	12	21	27	15	17	11	28
	38	11		18	15	17	21		12
2Y6D8Y	Yfiler™ Plus								
4	37,39	15	15,18	13	30	21	10	11	14
	14	11	12	21	27	15	17	11	28
	38	11		18	15	17	21		12
376Y28	Yfiler™								
4		15	15,18	13	30	21	10	11	14
	14	11	12	21		15	17		
							21		12
37K84F	PowerPlex® Y 23								
4		15	15,18	13	30	21	10	11	14
	14	11	12	21		15	17		28
		11	11	18	15		21	12	12
3EG37K	PowerPlex® Y 23								
4		15	15,18	13	30	21	10	11	14
	14	11	12	21		15	17		28
		11	11	18	15		21	12	12
4RH8KC	Yfiler™ Plus								
4	37,39	15	15,18	13	30	21	10	11	14
	14	11	12	21	27	15	17	11	28
	38	11		18	15	17	21		12
4WUWF7	Yfiler™								
4		15	15,18	13	30	21	10	11	14
	14	11	12	21		15	17		
							21		12
6DW3WF	PowerPlex® Y 23								
4		15	15,18	13	30	21	10	11	14
	14	11	12	21		15	17		28
		11	11	18	15		21	12	12
6JP66L	Yfiler™ Plus								
4	37,39	15	15,18	13	30	21	10	11	14
	14	11	12	21	27	15	17	11	28
	38	11		18	15	17	21		12
6MJ9NR	PowerPlex® Y 23								
4		15	15,18	13	30	21	10	11	14
	14	11	12	21		15	17		28
		11	11	18	15		21	12	12
6RYFCR	Yfiler™ Plus								
4	37,39	15	15,18	13	30	21	10	11	14
	14	11	12	21	27	15	17	11	28
	38	11		18	15	17	21		12

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WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 4 - YSTR Results									
72HEDG	Yfiler™ Plus								
4	37,39	15	15,18	13	30	21	10	11	14
	14	11	12	21	27	15	17	11	28
	38	11		18	15	17	21		12
784AG7	Yfiler™								
4		15	15,18	13	30	21	10	11	14
	14	11	12	21		15	17		
							21		12
7GCRZP	Yfiler™								
4		15	15,18	13	30	21	10	11	14
	14	11	12	21		15	17		
							21		12
874UGE	Yfiler™ Plus								
4	37,39	15	15,18	13	30	21	10	11	14
	14	11	12	21	27	15	17	11	28
	38	11		18	15	17	21		12
87RUM6	Yfiler™								
4		15	15,18	13	30	21	10	11	14
	14	11	12	21		15	17		
							21		12
8YTV6B	Yfiler™ Plus								
4	37,39	15	15,18	13	30	21	10	11	14
	14	11	12	21	27	15	17	11	28
	38	11	NT	18	15	17	21	NT	12
92Q9AT	Yfiler™ Plus								
4	37,39	15	15,18	13	30	21	10	11	14
	14	11	12	21	27	15	17	11	28
	38	11		18	15	17	21		12
A9R8EA	PowerPlex® Y 23								
4	--	15	15,18	13	30	21	10	11	14
	14	11	12	21	--	15	17	--	28
	--	11	11	18	15	--	21	12	12
ALCDGH	Yfiler™ Plus								
4	37,39	15	15,18	13	30	21	10	11	14
	14	11	12	21	27	15	17	11	28
	38	11		18	15	17	21		12
BZ9X96	Yfiler™ Plus								
4	37,39	15	15,18	13	30	21	10	11	14
	14	11	12	21	27	15	17	11	28
	38	11		18	15	17	21		12
CE7FLB	Yfiler™ Plus								
4	37,39	15	15,18	13	30	21	10	11	14
	14	11	12	21	27	15	17	11	28
	38	11		18	15	17	21		12
CJZGK4	PowerPlex® Y 23								
4		15	15,18	13	30	21	10	11	14
	14	11	12	21		15	17		28
		11	11	18	15		21	12	12

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Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 4 - YSTR Results									
CWAXUU	Yfiler™ Plus								
4	37,39	15	15,18	13	30	21	10	11	14
	14	11	12	21	27	15	17	11	28
	38	11		18	15	17	21		12
CWLPLB	PowerPlex® Y 23								
4		15	15,18	13	30	21	10	11	14
	14	11	12	21		15	17		28
		11	11	18	15		21	12	12
D6UPBJ	Yfiler™ Plus								
4	37,39	15	15,18	13	30	21	10	11	14
	14	11	12	21	27	15	17	11	28
	38	11		18	15	17	21		12
DBLRKA	Yfiler™ Plus								
4	37,39	15	15,18	13	30	21	10	11	14
	14	11	12	21	27	15	17	11	28
	38	11		18	15	17	21		12
DLKNMC	Yfiler™ Plus								
4	37,39	15	15,18	13	30	21	10	11	14
	14	11	12	21	27	15	17	11	28
	38	11		18	15	17	21		12
DT22LB	Yfiler™ Plus								
4	37,39	15	15,18	13	30	21	10	11	14
	14	11	12	21	27	15	17	11	28
	38	11		18	15	17	21		12
DTYGPV	Yfiler™								
4		15	15,18	13	30	21	10	11	14
	14	11	12	21		15	17		
							21		12
E76ZUT	PowerPlex® Y 23								
4		15	15,18	13	30	21	10	11	14
	14	11	12	21		15	17		28
		11	11	18	15		21	12	12
E77KWB	PowerPlex® Y 23								
4		15	15,18	13	30	21	10	11	14
	14	11	12	21		15	17		28
		11	11	18	15		21	12	12
EA8NQH	PowerPlex® Y 23								
4		15	15,18	13	30	21	10	11	14
	14	11	12	21		15	17		28
		11	11	18	15		21	12	12
ERNR94	PowerPlex® Y 23								
4		15	15,18	13	30	21	10	11	14
	14	11	12	21		15	17		28
		11	11	18	15		21	12	12
F8UK7Q	Yfiler™								
4		15	15,18	13	30	21	10	11	14
	14	11	12	21		15	17		
							21		12

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		DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
		DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 4 - YSTR Results										
FBD3H4	PowerPlex® Y 23									
4			15	15,18	13	30	21	10	11	14
		14	11	12	21		15	17		28
			11	11	18	15		21	12	12
FDGBQ2	Yfiler™ Plus									
4		37,39	15	15,18	13	30	21	10	11	14
		14	11	12	21	27	15	17	11	28
		38	11		18	15	17	21		12
FG4ZYK	Yfiler™ Plus									
4		37,39	15	15,18	13	30	21	10	11	14
		14	11	12	21	27	15	17	11	28
		38	11		18	15	17	21		12
FGFLM2	Yfiler™ Plus									
4		37,39	15	15,18	13	30	21	10	11	14
		14	11	12	21	27	15	17	11	28
		38	11		18	15	17	21		12
FVJX77	Yfiler™ Plus									
4		37,39	15	15,18	13	30	21	10	11	14
		14	11	12	21	27	15	17	11	28
		38	11		18	15	17	21		12
FXJHLQ	Yfiler™ Plus									
4		37,39	15	15,18	13	30	21	10	11	14
		14	11	12	21	27	15	17	11	28
		38	11		18	15	17	21		12
G7GX26	Yfiler™ Plus									
4		37,39	15	15,18	13	30	21	10	11	14
		14	11	12	21	27	15	17	11	28
		38	11		18	15	17	21		12
H2YME7	Yfiler™ Plus									
4		37,39	15	15,18	13	30	21	10	11	14
		14	11	12	21	27	15	17	11	28
		38	11		18	15	17	21		12
H4QLT4	PowerPlex® Y 23									
4			15	15,18	13	30	21	10	11	14
		14	11	12	21		15	17		28
			11	11	18	15		21	12	12
J2BNRR	Yfiler™									
4			15	15,18	13	30	21	10	11	14
		14	11	12	21		15	17		
								21		12
J2W3HP	Yfiler™									
4		15	13	21	30	17	15	15,18	14	10
		12	21	11	12	14	11	21		
J4ME4G	Yfiler™ Plus									
4		37,39	15	15,18	13	30	21	10	11	14
		14	11	12	21	27	15	17	11	28
		38	11		18	15	17	21		12

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Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 4 - YSTR Results									
J7QWFQ	Yfiler™ Plus								
4	37,39	15	15,18	13	30	21	10	11	14
	14	11	12	21	27	15	17	11	28
	38	11		18	15	17	21		12
JRRWXN	Yfiler™								
4		15	15,18	13	30	21	10	11	14
	14	11	12	21		15	17		
							21		12
JVKEHT	Yfiler™ Plus								
4	37,39	15	15,18	13	30	21	10	11	14
	14	11	12	21	27	15	17	11	28
	38	11		18	15	17	21		12
K4XFPF	Yfiler™ Plus								
4	37,39	15	15,18	13	30	21	10	11	14
	14	11	12	21	27	15	17	11	28
	38	11		18	15	17	21		12
KV78WC	Yfiler™ Plus								
4	37,39	15	15,18	13	30	21	10	11	14
	14	11	12	21	27	15	17	11	28
	38	11		18	15	17	21		12
KV7BKL	Yfiler™								
4		15	15,18	13	30	21	10	11	14
	14	11	12	21		15	17		
							21		12
M7GC3Y	PowerPlex® Y 23								
4		15	15,18	13	30	21	10	11	14
	14	11	12	21		15	17		28
		11	11	18	15		21	12	12
N7TF8A	Yfiler™ Plus								
4	37,39	15	15,18	13	30	21	10	11	14
	14	11	12	21	27	15	17	11	28
	38	11		18	15	17	21		12
NZPHQJ	PowerPlex® Y 23								
4		15	15,18	13	30	21	10	11	14
	14	11	12	21		15	17		28
		11	11	18	15		21	12	12
P4HWKX	Yfiler™ Plus								
4	37,39	15	15,18	13	30	21	10	11	14
	14	11	12	21	27	15	17	11	28
	38	11		18	15	17	21		12
PB4PXJ	Yfiler™ Plus								
4	37,39	15	15,18	13	30	21	10	11	14
	14	11	12	21	27	15	17	11	28
	38	11		18	15	17	21		12
PEGPUB	Yfiler™ Plus								
4	37,39	15	15,18	13	30	21	10	11	14
	14	11	12	21	27	15	17	11	28
	38	11		18	15	17	21		12

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		DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
		DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 4 - YSTR Results										
PJV9CR	PowerPlex® Y 23									
4			15	15,18	13	30	21	10	11	14
		14	11	12	21		15	17		28
			11	11	18	15		21	12	12
Q4FL4L	Yfiler™ Plus									
4		37,39	15	15,18	13	30	21	10	11	14
		14	11	12	21	27	15	17	11	28
		38	11		18	15	17	21		12
QNQCPW	PowerPlex® Y 23									
4			15	15,18	13	30	21	10	11	14
		14	11	12	21		15	17		28
			11	11	18	15		21	12	12
QTXVPA	Yfiler™ Plus									
4		37,39	15	15,18	13	30	21	10	11	14
		14	11	12	21	27	15	17	11	28
		38	11		18	15	17	21		12
RET9PR	Yfiler™ Plus									
4		37,39	15	15,18	13	30	21	10	11	14
		14	11	12	21	27	15	17	11	28
		38	11		18	15	17	21		12
RLW7JP	PowerPlex® Y 23									
4			15	15,18	13	30	21	10	11	14
		14	11	12	21		15	17		28
			11	11	18	15		21	12	12
RYZEFL	Yfiler™									
4			15	15,18	13	30	21	10	11	14
		14	11	12	21		15	17		
								21		12
T3F9TX	Yfiler™ Plus									
4		37,39	15	15,18	13	30	21	10	11	14
		14	11	12	21	27	15	17	11	28
		38	11		18	15	17	21		12
T7FCM7	Yfiler™ Plus									
4		37,39	15	15,18	13	30	21	10	11	14
		14	11	12	21	27	15	17	11	28
		38	11		18	15	17	21		12
TAFNJ7	Yfiler™ Plus									
4		37,39	15	15,18	13	30	21	10	11	14
		14	11	12	21	27	15	17	11	28
		38	11		18	15	17	21		12
TETJ6V	Yfiler™ Plus									
4		37,39	15	15,18	13	30	21	10	11	14
		14	11	12	21	27	15	17	11	28
		38	11		18	15	17	21		12
THLPFQ	Yfiler™ Plus									
4		37,39	15	15,18	13	30	21	10	11	14
		14	11	12	21	27	15	17	11	28
		38	11		18	15	17	21		12

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Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 4 - YSTR Results									
TKEL4K	Yfiler™								
4		15	15,18	13	30	21	10	11	14
	14	11	12	21		15	17		
							21		12
U2KVWX	Yfiler™ Plus								
4	37,39	15	15,18	13	30	21	10	11	14
	14	11	12	21	27	15	17	11	28
	38	11		18	15	17	21		12
UAW67C	Yfiler™ Plus								
4	37,39	15	15,18	13	30	21	10	11	14
	14	11	12	21	27	15	17	11	28
	38	11		18	15	17	21		12
UJ6LVW	Yfiler™ Plus								
4	37,39	15	15,18	13	30	21	10	11	14
	14	11	12	21	27	15	17	11	28
	38	11		18	15	17	21		12
UM38JT	Yfiler™ Plus								
4	37,39	15	15,18	13	30	21	10	11	14
	14	11	12	21	27	15	17	11	28
	38	11		18	15	17	21		12
UMYPCH	Yfiler™ Plus								
4	37,39	15	15,18	13	30	21	10	11	14
	14	11	12	21	27	15	17	11	28
	38	11		18	15	17	21		12
UQZPX9	Yfiler™ Plus								
4	37,39	15	15,18	13	30	21	10	11	14
	14	11	12	21	27	15	17	11	28
	38	11		18	15	17	21		12
UZ377Q	PowerPlex® Y 23								
4		15	15,18	13	30	21	10	11	14
	14	11	12	21		15	17		28
		11	11	18	15		21	12	12
UZ8LJQ	Yfiler™ Plus								
4	37,39	15	15,18	13	30	21	10	11	14
	14	11	12	21	27	15	17	11	28
	38	11		18	15	17	21		12
VDAEN9	Yfiler™ Plus								
4	37,39	15	15,18	13	30	21	10	11	14
	14	11	12	21	27	15	17	11	28
	38	11		18	15	17	21		12
VFEYDU	Yfiler™ Plus								
4	37,39	15	15,18	13	30	21	10	11	14
	14	11	12	21	27	15	17	11	28
	38	11		18	15	17	21		12
VGT7YB	Yfiler™ Plus								
4	37,39	15	15,18	13	30	21	10	11	14
	14	11	12	21	27	15	17	11	28
	38	11		18	15	17	21		12

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TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 4 - YSTR Results									
VK6GPK	PowerPlex® Y 23								
4		15	15,18	13	30	21	10	11	14
	14	11	12	21		15	17		28
		11	11	18	15		21	12	12
VXFM6T	PowerPlex® Y 23								
4		15	15,18	13	30	21	10	11	14
	14	11	12	21		15	17		28
		11	11	18	15		21	12	12
W74XRT	Yfiler™ Plus								
4	37,39	15	15,18	13	30	21	10	11	14
	14	11	12	21	27	15	17	11	28
	38	11		18	15	17	21		12
WD4WAP	Yfiler™								
4	37,39	15	15,18	13	30	21	10	11	14
	14	11	12	21	27	15	17	11	28
	38	11	NA	18	15	17	21	NA	12
WJMW9U	Yfiler™								
4		15	15,18	13	30	21	10	11	14
	14	11	12	21		15	17		
							21		12
X4FQ4P	PowerPlex® Y 23								
4		15	15,18	13	30	21	10	11	14
	14	11	12	21		15	17		28
		11	11	18	15		21	12	12
XLDKNM	Yfiler™ Plus								
4	37,39	15	15,18	13	30	21	10	11	14
	14	11	12	21	27	15	17	11	28
	38	11		18	15	17	21		12
YAGGPT	Yfiler™ Plus								
4	37,39	15	15,18	13	30	21	10	11	14
	14	11	12	21	27	15	17	11	28
	38	11		18	15	17	21		12
YDJDG9	Yfiler™ Plus								
4	37,39	15	15,18	13	30	21	10	11	14
	14	11	12	21	27	15	17	11	28
	38	11		18	15	17	21		12
YM24VJ	PowerPlex® Y 23								
4		15	15,18	13	30	21	10	11	14
	14	11	12	21		15	17		28
		11	11	18	15		21	12	12
YUZLAW	Yfiler™ Plus								
4	37,39	15	15,18	13	30	21	10	11	14
	14	11	12	21	27	15	17	11	28
	38	11		18	15	17	21		12
ZLPJNV	Yfiler™								
4		15	15,18	13	30	21	10	11	14
	14	11	12	21		15	17		
							21		12

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TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 4 - YSTR Results									
ZVECWL	PowerPlex® Y 23								
4		15	15,18	13	30	21	10	11	14
	14	11	12	21		15	17		28
		11	11	18	15		21	12	12
ZW3T49	Yfiler™								
4		15	15,18	13	30	21	10	11	14
	14	11	12	21		15	17		
							21		12
ZY7NMB	Yfiler™								
4		15	15,18	13	30	21	10	11	14
	14	11	12	21		15	17		
							21		12

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Additional DNA Results

TABLE 4

Additional DNA results found to be concordant at a pre-existing locus are retained solely within the applicable tables. Non-concordant results and results for loci not found elsewhere will remain in this table.

Locus	WebCode	Item 1	Item 2	Item 3	Item 3e	Item 3sp	Item 4	Item 4e	Item 4sp

No additional DNA results were reported.

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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 5

	Victim (Item 1)		Suspect (Item 2)	
WebCode	**Item 3**	**Item 4**	**Item 3**	**Item 4**
24HYDK	Yes	Yes	Yes	No
24Y4VH	Yes	Yes	Yes	No
28MBKL	Yes	Yes	Yes	No
2ANR8F	Yes	Yes	Yes	No
2BFNWA	Yes	Yes	Yes	No
2JBQYL	Yes	Yes	Yes	No
2JUMC7	Yes	Yes	Yes	No
2LKLQ6	Yes	Yes	Yes	No
2MWXFG	Yes	Yes	Yes	No
2PZ4Z9	Yes	Yes	Yes	No
2Y6D8Y	Yes	Yes	Yes	No
32Q74M	No Interpretations Reported, DNA Analyzed for Database purposes only.			
376Y28	Yes	Yes	Yes	No
37K84F	Yes	Yes	Yes	No
3EG37K	Yes	Yes	Yes	No
3EUHBL	Yes	Yes	Yes	No
3G82KJ	No Interpretations Reported, DNA Analyzed for Database purposes only.			
3HDQK8	Yes	Yes	Yes	No
3MTY97	Yes	Yes	Yes	No
3XCGH6	Yes	Yes	Yes	No
3XDAHX	Yes	Yes	Yes	No
3ZXGJ7	Yes	Yes	Yes	No
427X84	Yes	Yes	Yes	No
47F8GL	Yes	Yes	Yes	No
47KGPK	Yes	Yes	Yes	No
4A6E6N	Yes	Yes	Yes	No
4DZ7DL	Yes	Yes	Yes	No
4LUB62	Yes	Yes	Yes	No
4N2T6H	Yes	Yes	Yes	No
4RH8KC	Yes	Yes	Yes	No
4V2YWE	Yes	Yes	Yes	No
4WUWF7	Yes	Yes	Yes	No
4YEYT7	Yes	Yes	Yes	No
66NBRR	No Interp	No Interp	No Interp	No Interp
66YGNT	Yes	Yes	Yes	No
69NLNR	No Interp	No Interp	No Interp	No Interp
6DFXG3	Yes	Yes	Yes	No
6DW3WF	Yes	Yes	Yes	No
6JP66L	Yes	Yes	Yes	No
6LBQX9	Yes	Yes	Yes	No
6MJ9NR	Yes	Yes	Yes	No
6RWTUD	Yes	Yes	Yes	No
6RYFCR	No Interp	No Interp	No Interp	No Interp
72HEDG	Yes	Yes	Yes	No
72XQ4Y	Yes	Yes	Yes	No
784AG7	Yes	Yes	Yes	No
79GU9F	Yes	Yes	Yes	No
7GCRZP	Yes	Yes	Yes	No
7NWTF3	Yes	Yes	Yes	No
7QY324	Yes	Yes	Yes	No
7UWGPT	No Interp	No Interp	No Interp	No Interp
7VEBP4	Yes	Yes	Yes	No
7WJ3GG	Yes	Yes	Yes	No
7YA2VE	Yes	Yes	Yes	No
7YWHYN	Yes	Yes	Yes	No
7YXTZF	Yes	Yes	Yes	No
874UGE	Yes	Yes	Yes	No
87QKLF	Yes	Yes	Yes	No
87RUM6	Yes	Yes	Yes	No

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TABLE 5

WebCode	Victim (Item 1) Item 3	Victim (Item 1) Item 4	Suspect (Item 2) Item 3	Suspect (Item 2) Item 4
884KVA	Yes	Yes	Yes	No
8B9463	Yes	Yes	Yes	No
8NTJ93	Yes	Yes	Yes	No
8XW3ZW	No Interpretations Reported, DNA Analyzed for Database purposes only.			
8YTV6B	Yes	Yes	Yes	No
92Q9AT	Yes	Yes	Yes	No
92R6GH	Yes	Yes	Yes	No
96BB2X	Yes	Yes	Yes	No
9BGUD6	Yes	Yes	Yes	No
9BJCKG	Yes	Yes	Yes	No
9C8F3A	Yes	Yes	Yes	No
9EKDMY	Yes	Yes	Yes	No
9NGR23	No Interp	No Interp	No Interp	No Interp
9QRL6G	No Interpretations Reported, DNA Analyzed for Database purposes only.			
9V67B3	Yes	Yes	Yes	No
9ZXCLY	Yes	Yes	Yes	No
A27N2E	Yes	Yes	Yes	No
A4BCHP	Yes	Yes	Yes	No
A6N7W6	Yes	Yes	Yes	No
A9KX3G	Yes	Yes	Yes	No
A9R8EA	Yes	Yes	Yes	No
AALLR8	Yes	Yes	Yes	No
ACLX6Y	Yes	Yes	Yes	No
AHCB7M	Yes	Yes	Yes	No
AJ6427	Yes	Yes	Yes	No
AJQFZE	Yes	Yes	Yes	No
AKDGH8	Yes	Yes	Yes	No
ALCDGH	Yes	Yes	Yes	No
AMPWC9	Yes	Yes	Yes	No
ANF69V	Yes	Yes	Yes	No
ATG6RZ	Yes	Yes	Yes	No
AU286Y	Yes	Yes	Yes	No
AVZ7N8	Yes	Yes	Yes	No
AX8NM4	Yes	Yes	Yes	No
AYYM22	Yes	Yes	Yes	No
B3FF72	Yes	Yes	Yes	No
B4R7HQ	Yes	Yes	Yes	No
B7U4TJ	Yes	Yes	Yes	No
B98E7Q	Yes	Yes	Yes	No
B9LZHD	Yes	Yes	Yes	No
BAUPPB	Yes	Yes	Yes	No
BDYLNY	Yes	Yes	Yes	No
BFL799	Yes	Yes	Yes	No
BGZUQN	Yes	Yes	Yes	No
BLBWGP	Yes	Yes	Yes	No
BZ9X96	Yes	Yes	Yes	No
BZRVLQ	Yes	Yes	Yes	No
BZVDT3	Yes	Yes	Yes	No
C8N6E2	Yes	Yes	Yes	No
CB3PCA	Yes	Yes	Yes	No
CBZ77Y	Yes	Yes	Yes	No
CCJNNL	Yes	Yes	Yes	No
CE7FLB	Yes	Yes	Yes	No
CJZGK4	Yes	Yes	Yes	No
CNQRV3	Yes	Yes	Yes	No
CQXATX	Yes	Yes	Yes	No
CT7YJ2	Yes	Yes	Yes	No
CTP6HR	Yes	Yes	Yes	No
CWAXUU	Yes	Yes	Yes	No
CWLPLB	Yes	Yes	Yes	No
D6UPBJ	Yes	Yes	Yes	No
DAA9LY	Yes	Yes	Yes	No
DBLRKA	Yes	Yes	Yes	No
DHLAYM	Yes	Yes	Yes	No
DLKNMC	Yes	Yes	Yes	No

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TABLE 5

WebCode	Victim (Item 1) Item 3	Victim (Item 1) Item 4	Suspect (Item 2) Item 3	Suspect (Item 2) Item 4
DNLUXB	Yes	Yes	Yes	No
DT22LB	Yes	Yes	Yes	No
DTYGPV	Yes	Yes	Yes	No
DW3APL	Yes	Yes	Yes	No
E76ZUT	Yes	Yes	Yes	No
E77KWB	Yes	Yes	Yes	No
EA8NQH	Yes	Yes	Yes	No
EEYTG2	Yes	Yes	Yes	No
EHGACR	Yes	Yes	Yes	No
ELWUBZ	Yes	Yes	Yes	No
EM9GVZ	Yes	Yes	Yes	No
ENA8AV	Yes	Yes	Yes	No
EQN2T9	Yes	Yes	Yes	No
ERNR94	Yes	Yes	Yes	No
EUD6QM	Yes	Yes	Yes	No
EV6ELA	Yes	Yes	Yes	No
EVHVQA	Yes	Yes	Yes	No
EXQ2EW	Yes	Yes	Yes	No
EZHZTV	Yes	Yes	Yes	No
EZWJDR	Yes	Yes	Yes	No
F342CN	Yes	Yes	Yes	No
F3DCHR	Yes	Yes	Yes	No
F3GXE8	Yes	Yes	Yes	No
F8BREU	Yes	Yes	Yes	No
F8UK7Q	Yes	Yes	Yes	No
FBD3H4	Yes	Yes	Yes	No
FBEMXW	Yes	Yes	Yes	No
FCRW9H	Yes	Yes	Yes	No
FDGBQ2	Yes	Yes	Yes	No
FG4ZYK	No Interp	No Interp	Yes	No
FGFLM2	Yes	Yes	Yes	No
FPCCE3	Yes	Yes	Yes	No
FR3M3B	Yes	Yes	Yes	No
FTCEQ6	Yes	Yes	Yes	No
FTUWYX	Yes	Yes	Yes	No
FVJX77	No Interp	No Interp	No Interp	No Interp
FXJHLQ	Yes	Yes	Yes	No
G27BHE	Yes	Yes	Yes	No
G3Y4DX	Yes	Yes	Yes	No
G7GX26	Yes	Yes	Yes	No
GAW7P4	Yes	Yes	Yes	No
GGJL9M	Yes	Yes	Yes	No
GJH4X2	Yes	Yes	Yes	No
GU2B64	Yes	Yes	Yes	No
GW8WVP	Yes	Yes	Yes	No
GXLH8C	No Interpretations Reported, DNA Analyzed for Database purposes only.			
H2KU3C	No Interpretations Reported, DNA Analyzed for Database purposes only.			
H2YME7	Yes	Yes	Yes	No
H4QLT4	Yes	Yes	Yes	No
HBTLER	Yes	Yes	Yes	No
HDU737	Yes	Yes	Yes	No
HEMPWX	Yes	Yes	Yes	No
HNANN3	Yes	Yes	Yes	No
HNE4Z4	Yes	Yes	Yes	No
HW8FWW	Yes	Yes	Yes	No
J2BNRR	No Interp	No Interp	Yes	No
J2W3HP	Yes	Yes	Yes	No
J3QBJ2	Yes	Yes	Yes	No
J4ME4G	No Interp	No Interp	Yes	No
J7QWFQ	Yes	Yes	Yes	No
JDLYH3	Yes	Yes	Yes	No
JE42E3	Yes	Yes	Yes	No
JJUFZ4	Yes	Yes	Yes	No
JRRWXN	Yes	Yes	Yes	No
JVKEHT	Yes	Yes	Yes	No

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TABLE 5

WebCode	Victim (Item 1) Item 3	Victim (Item 1) Item 4	Suspect (Item 2) Item 3	Suspect (Item 2) Item 4
K4XFPF	Yes	Yes	Yes	No
K9TGGW	Yes	Yes	Yes	No
KLZDN6	No Interpretations Reported, DNA Analyzed for Database purposes only.			
KQDXVQ	Yes	Yes	Yes	No
KQEV6L	Yes	Yes	Yes	No
KQTGEN	Yes	Yes	Yes	No
KR6UJK	Yes	Yes	Yes	No
KU9P3M	Yes	Yes	Yes	No
KUTF4V	Yes	Yes	Yes	No
KV78WC	Yes	Yes	Yes	No
KV7BKL	Yes	Yes	Yes	No
KVKNXW	Yes	Yes	Yes	No
KY4PU4	Yes	Yes	Yes	No
L272CP	Yes	Yes	Yes	No
L2AZJZ	Yes	Yes	Yes	No
L8NGU2	Yes	Yes	Yes	No
LCLTXE	Yes	Yes	Yes	No
LCLZXK	Yes	Yes	Yes	No
LJNZJ9	No Interp	No Interp	No Interp	No Interp
LLFW93	Yes	Yes	Yes	No
LNK2TW	Yes	Yes	Yes	No
LU7QWK	Yes	Yes	Yes	No
M2JYXL	Yes	Yes	Yes	No
M7GC3Y	Yes	Yes	Yes	No
MJ4T6X	Yes	Yes	Yes	No
MPPH9K	Yes	Yes	Yes	No
MUGD2Y	Yes	Yes	Yes	No
MW72QY	Yes	Yes	Yes	No
MXKKBW	Yes	Yes	Yes	No
N24TKG	Yes	Yes	Yes	No
N43DZ2	No Interp	No Interp	No Interp	No Interp
N7TF8A	Yes	Yes	Yes	No
N9JRT2	No Interpretations Reported, DNA Analyzed for Database purposes only.			
N9X69X	Yes	Yes	Yes	No
NE8AEP	Yes	Yes	Yes	No
NEN9NG	Yes	Yes	Yes	No
NQGWFA	Yes	Yes	Yes	No
NT6DMW	Yes	Yes	Yes	No
NX2RHY	Yes	Yes	Yes	No
NZPHQJ	Yes	Yes	Yes	No
P4HWKX	Yes	Yes	Yes	No
P9DRDJ	Yes	Yes	Yes	No
PB4PXJ	Yes	Yes	Yes	No
PEGPUB	Yes	Yes	Yes	No
PH3CMX	Yes	Yes	Yes	No
PH7UU9	Yes	Yes	Yes	No
PJV9CR	Yes	Yes	Yes	No
PNRRFB	Yes	Yes	Yes	No
PRBZQW	Yes	Yes	Yes	No
PZ44ZK	Yes	Yes	Yes	No
Q4FL4L	Yes	Yes	Yes	No
Q4Z3JN	Yes	Yes	Yes	No
Q6RP8T	Yes	Yes	Yes	No
QCGMXL	Yes	Yes	Yes	No
QH4HRY	Yes	Yes	Yes	No
QK8DB2	Yes	Yes	Yes	No
QNQCPW	Yes	Yes	Yes	No
QTXVPA	No Interp	No Interp	Yes	No
QVQRE4	Yes	Yes	Yes	No
R28K49	Yes	Yes	Yes	No
RBDNRJ	Yes	Yes	Yes	No
RBTXUR	Yes	Yes	Yes	No
RBUV6M	Yes	Yes	Yes	No
RCQCBH	Yes	Yes	Yes	No
RDKUJL	Yes	Yes	Yes	No

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TABLE 5

WebCode	Victim (Item 1) Item 3	Victim (Item 1) Item 4	Suspect (Item 2) Item 3	Suspect (Item 2) Item 4
RET9PR	Yes	Yes	Yes	No
RF6VAR	Yes	Yes	Yes	No
RGK6EL	Yes	Yes	Yes	No
RKJER9	Yes	Yes	Yes	No
RLW7JP	Yes	Yes	Yes	No
RNHN2B	Yes	Yes	Yes	No
RPCE8P	Yes	Yes	Yes	No
RRXFQH	Yes	Yes	Yes	No
RW9HQR	Yes	Yes	Yes	No
RYZEFL	Yes	Yes	Yes	No
T3F9TX	Yes	Yes	Yes	No
T7FCM7	Yes	Yes	Yes	No
T7XG4J	Yes	Yes	Yes	No
TACZ2R	Yes	Yes	Yes	No
TAFNJ7	Yes	Yes	Yes	No
TEQXAE	Yes	Yes	Yes	No
TETJ6V	Yes	Yes	Yes	No
THLPFQ	Yes	Yes	Yes	No
TKEL4K	Yes	Yes	Yes	No
TNH83H	Yes	Yes	Yes	No
TNHXGD	Yes	Yes	Yes	No
TRVWJ7	Yes	Yes	Yes	No
TU7UXN	Yes	Yes	Yes	No
TVARXJ	Yes	Yes	Yes	No
TWAPGR	Yes	Yes	Yes	No
TYCNRJ	Yes	Yes	Yes	No
U2KVWX	Yes	Yes	Yes	No
U3T9CE	Yes	Yes	Yes	No
U63FGR	Yes	Yes	Yes	No
U6K429	Yes	Yes	Yes	No
U9WEQG	Yes	Yes	Yes	No
UAW67C	Yes	Yes	Yes	No
UD9496	Yes	Yes	Yes	No
UFZ3M4	Yes	Yes	Yes	No
UJ6LVW	Yes	Yes	Yes	No
UKEMYJ	Yes	Yes	Yes	No
ULKGAA	Yes	Yes	Yes	No
UM38JT	Yes	Yes	Yes	No
UMYPCH	Yes	Yes	Yes	No
UQZPX9	Yes	Yes	Yes	No
UZ377Q	Yes	Yes	Yes	No
UZ8LJQ	No Interp	No Interp	No Interp	No Interp
V9DVH4	Yes	Yes	Yes	No
VBHHYE	Yes	Yes	Yes	No
VDAEN9	Yes	Yes	Yes	No
VDNBZM	Yes	Yes	Yes	No
VFEYDU	Yes	Yes	Yes	No
VGPWRB	Yes	Yes	Yes	No
VGT7YB	Yes	Yes	Yes	No
VK6GPK	Yes	Yes	Yes	No
VKRKKF	Yes	Yes	Yes	No
VMTV93	Yes	Yes	Yes	No
VT4Y6W	Yes	Yes	Yes	No
VXFM6T	Yes	Yes	Yes	No
W28DLN	Yes	Yes	Yes	No
W74XRT	Yes	Yes	Yes	No
W7MVVT	Yes	Yes	Yes	No
WD4WAP	Yes	Yes	Yes	No
WFDKME	Yes	Yes	Yes	No
WJMW9U	Yes	Yes	Yes	No
WK4TZT	Yes	Yes	Yes	No
WN34WT	Yes	Yes	Yes	No
WPFRFT	Yes	Yes	Yes	No
WTCK6G	Yes	Yes	Yes	No
WYAQFE	Yes	Yes	Yes	No
X2737B	Yes	Yes	Yes	No

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TABLE 5

WebCode	Victim (Item 1) Item 3	Victim (Item 1) Item 4	Suspect (Item 2) Item 3	Suspect (Item 2) Item 4
X28M8T	Yes	Yes	Yes	No
X4FQ4P	Yes	Yes	Yes	No
XAZVRJ	Yes	Yes	Yes	No
XBXCYF	Yes	Yes	Yes	No
XEU3WE	Yes	Yes	Yes	No
XLDKNM	Yes	Yes	Yes	No
XPWCGH	Yes	Yes	Yes	No
XUQ373	Yes	Yes	Yes	No
XXQ9RY	Yes	Yes	Yes	No
Y692G4	Yes	Yes	Yes	No
YAGGPT	Yes	Yes	Yes	No
YDJDG9	Yes	Yes	Yes	No
YL8DP6	Yes	Yes	Yes	No
YM24VJ	Yes	Yes	Yes	No
YMH34B	Yes	Yes	Yes	No
YMLKBM	Yes	Yes	Yes	No
YQMLD6	Yes	Yes	Yes	No
YRWZCX	Yes	Yes	Yes	No
YUHL6L	Yes	Yes	Yes	No
YUZLAW	Yes	Yes	Yes	No
YWAKHJ	Yes	Yes	Yes	No
YWTHYP	No Interp	No Interp	No Interp	No Interp
Z2HQRH	Yes	Yes	Yes	No
Z38WRL	Yes	Yes	Yes	No
Z7PGUN	Yes	Yes	Yes	No
ZCZVR8	Yes	Yes	Yes	No
ZDTRF2	Yes	Yes	Yes	No
ZJKW8K	Yes	Yes	Yes	No
ZLPJNV	Yes	Yes	Yes	No
ZLT3V8	Yes	Yes	Yes	No
ZMHFDP	Yes	Yes	Yes	No
ZP7X4P	Yes	Yes	Yes	No
ZPQ6LM				
ZQKDLW	Yes	Yes	Yes	No
ZVECWL	Yes	Yes	Yes	No
ZW3T49	Yes	Yes	Yes	No
ZW7BBJ	Yes	Yes	Yes	No
ZWQ38B	Yes	Yes	Yes	No
ZY7NMB	Yes	Yes	Yes	No

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DNA Interpretation

Response Summary **Participants reporting DNA results: 359**

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)?

	Victim (Item 1)		Suspect (Item 2)	
	Item 3	Item 4	Item 3	Item 4
Yes	**336**	**336**	**340**	**0**
No	**0**	**0**	**0**	**340**
Inc	**0**	**0**	**0**	**0**
No Interpretation	**14**	**14**	**10**	**10**
No Response	**1**	**1**	**1**	**1**

Participants analyzing DNA for database purposes only: 8

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Additional Comments

TABLE 6

WebCode	Additional Comments
2JBQYL	For items interpreted with STRmix, the Globalfiler STR results include all possible alleles for all interpreted genotypes. This may incorporate stutter peaks that would have been filtered during conventional analysis.
2MWXFG	ND = No alleles detected. Oucht. = Ouchterlony. Item 4: N+3/N-3 "16" observed at D22S1045, but not reported.
3EG37K	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
3EUHBL	Data analyzed with stutter filters on
47KGPK	Reporting results with stutter filters on
4A6E6N	Minifiler was also used to amplify Item 3. Concordant results were obtained with Item 3 for Globalfiler and Minifiler.
4RH8KC	NR - no results
4WUWF7	NR is short for No Results.
4YEYT7	NR = no result. ^ = below stochastic threshold.
66NBRR	Minifiler was used to amplify item 3. Data analysis and interpretation are outside the scope of the participant's current qualification and job duties. Data analysis was completed by a qualified DNA analyst prior to upload. No interpretations were performed.
69NLNR	Data analysis and interpretation are outside the scope of the participant's current qualification and job duties. Data analysis was completed by a qualified DNA analyst prior to upload. No interpretations were performed.
6AEPCR	This individual is only authorized to perform Y-screening.
6GGPXF	Only trained in blood and collections.
6LBQX9	This laboratory does not generate an allele table for the evidence sample results. Therefore this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results. NR=No Results
6RWTUD	NR = no results
6RYFCR	Proficiency performed by technician, laboratory does not allow for interpretation of data by technicians
72HEDG	No Y-STR results detected for item 1 using YFiler Plus amplification kit.
784AG7	Extraction: - Item 3 and Item 4 was extracted using Chelex Extraction. Quantification: Item 3 and Item 4 were quantified using Quantifiler Human DNA Quantification Kit and carried out by QS5 Quantstudio. Amplification: -Item 1 and Item 2 were amplified using Globalfiler Express PCR Amplication Kit on 9700 ABI GeneAmp PCR System. -Item 3 and Item 4 were amplified using Globalfiler PCR Amplication Kit on 9700 ABI GeneAmp PCR System. -Item 2, Item 3 and Item 4 were amplified using AmpFLSTR Y Filer PCR Amplification Kit on 9700 ABI GeneAmp PCR System. Electrophoresis: The electrophoresis process was carried out by ABI Genetic Analyzer 3500xl for Item 1 to Item 4. Quality Control: Reagent blank, positive control and negative control were carried out along with the analysis and all gave the intended results. NM: Non male profile
7UWGPT	The lab's Y-screening method performs a differential extraction on all sample types, which is why there is data for the e and sp fraction. This individual performs amplification and capillary electrophoresis set-up but not authorized to interpret STR data.
7VEBP4	^ Indicates peaks below stochastic threshold as per DFS policy

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TABLE 6

WebCode	Additional Comments
87RUM6	1. Item 1 and Item 2 were extracted using in-situ method while Item 3 and Item 4 were extracted using Chelex extraction method. 2. Item 3 and Item 4 were quantified using Quantifiler Human DNA Quantification kit on the Applied Biosystem Real Time Polymerase Chain Reaction (PCR) 7500 System. 3. Item 1 and Item 2 were amplified using Globalfiler Express PCR Amplification kit while Item 3 and Item 4 were amplified using Globalfiler PCR Amplification kit on 9700 GeneAmp PCR System. Y-STR (Y-Short Tandem Repeat) amplification was carried out on Item 2, Item 3 and Item 4 using AmpFLSTR Y-Filer PCR Amplification kit on the 9700 GeneAmp PCR System. 4. Electrophoresis was carried out on the Applied Biosystems 3500xl Genetic Analyser and results were analysed using GeneMapper ID-X software for Item 1, Item 2, Item 3 and Item 4. 5. Reagent blank, positive control and negative control were analysed throughout the analysis and all gave the intended results. 6. NM = non male profile.
884KVA	The secondary male contributor on Questioned Item 4 was 4.4% of the mixture; therefore alleles associated with this male contributor may have dropped out at some loci. Re-amplification was attempted.
8B9463	The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed.
8NTJ93	The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed.
8YTV6B	NR = No results. NT = Not tested. A 24 allele was observed at D2S1338. This peak is most likely elevated N-4 stutter, but was not deselected, and was included in the STRmix interpretation.
9BGUD6	The unknown male profile obtained within item 4 was suitable for Database searching but there were 9 loci where only a single allele would have been searched with an F but there were only max 3 options that would have been accepted at each locus if hits were returned. Any hits to this match would have required specialist statistical evaluation which for EFS would be LiRa. Both mixtures were two person mixtures with traces/raised stutters. Item 3 would also need specialist statistiscal evaluation using LiRa.
9C8F3A	For items interpreted with STRmix, reported alleles represent all alleles imported for STRmix interpretation. NR = No results.
9V67B3	NR = No Results. NT = Not Tested.
ACLX6Y	^ indicates peaks below stochastic threshold per DFS policy
AHCB7M	The Laboratory's method for Y-screening involves a differential extraction on all sample types. The results of the sperm (E2) fraction is from carryover from the e (E1) fraction for both Item 3 and Item 4.
AJ6427	NR=no result. NT=not tested. Item 4: sperm fraction stopped at quantitation (insufficient human DNA).
AQ84MT	Only authorized in blood and collections, no DNA performed.
AU286Y	NR = No Results. ^ = indicates peak below stochastic threshold.

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TABLE 6

WebCode	Additional Comments
AX8NM4	NR = no results. This laboratory does not generate an allele table for the evidence sample results. Therefore this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results.
B4R7HQ	The laboratory does not provide an allele table in the report, therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples.
BAUPPB	NR=No Results
BGW9U8	Presumptive testing detected the possible presence of blood on Items 3 and 4.
BGZUQN	STRmix analysis was conducted on this test.
BLBWGP	The laboratory does not provide an allele table in the report, therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples. Analysis of sexual assaults is not within the scope of the laboratory services. Therefore, no sexual assault screening tests or differential extractions were performed in the completion of this proficiency test.
BZ9X96	NR = no results
BZRVLQ	The laboratory does not provide an allele table in the report, therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples.
BZVDT3	The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed.
C8N6E2	The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed.
CNQRV3	NR = No Results. NT = Not Tested. A qualified DNA Forensic Science Examiner performed GFE lab processing. The DNA analyst reviewed and interpreted the data.

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TABLE 6

WebCode	Additional Comments
CQXATX	NR=No Results. NT=Not Tested.
CT7YJ2	NR denotes "no result". This laboratory does not generate an allele table for the evidence sample results. Therefore this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results.
CTP6HR	Possible elevated stutter was left in for Items 3 and 4 due to STRmix analysis.
CWAXUU	NR = No Result
CWLPLB	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
DHLAYM	The laboratory does not provide an allele table in the report; therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples.
DT22LB	For items 3 and 4, probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report reflect DNA profiles with stutter filters on.
DTYGPV	Extraction: - Item 1 and Item 2 were extracted using in situ method. - Item 3 AND Item 4 were extracted using QIAsymphony DNA Investigator Kit via QIAsymphony SP platform. Quantitation: - Item 3 and Item 4 were quantified using Quantifiler Trio DNA kit on RT-PCR QuantStudio 5 System. Amplification: - Item 1 and Item 2 were amplified using Globalfiler Express kit on ABI Proflex PCR System. - Item 3 and Item 4 were amplified using GlobalFiler kit on 9700 GeneAmp PCR system. - Item 2, Item 3 and Item 4 were amplified using AMPFLSTR Y-Filer Kit on 9700 GeneAmp PCR System. Electrophoresis: - Electrophoresis of GlobalFiler Express for Item 1 and Item 2 were carried out on Genetic Analyzer 3500xL. -Electrophoresis of GlobalFiler for Item 3 and Item 4 and Y-Filer for Item 2, Item 3 and Item 4 were carried out on Genetic Analyzer 3500xL. Quality Control: Reagent blank, positive control and negative control were incorporated throughout analysis and all gave intended results. NM : non-male profile.
DW3APL	STRmix analysis was conducted on this test
EA8NQH	NID=no interpretable data. Inclusions and exclusions were conducted by the analyst outside of the STRmix software program. STRmix was used, however, to calculate a likelihood ratio on the following propositions: Item 3: 1s2s/1sU; Item 4: 1sU/UU. Item 1s: Modified Rapid analysis using RHID instrument and GlobalFiler Express
ELWUBZ	Item 4: elevated stutter D22S1045
EM9GVZ	NR = No results. This laboratory does not generate an allele table for the evidence sample results. Therefore, this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results.

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TABLE 6

WebCode	Additional Comments
ENA8AV	The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed.
EXQ2EW	Only autosomal STRs were tested, no YSTR testing done. NR = No Results. NT = No testing.
F342CN	Possible elevated stutter was left in for STRmix analysis
F3GXE8	Based on the laboratory's proficiency test schedule, Y-STR analysis and Individual Characteristic Database entry are performed once per calendar year. Y-STR analysis and Individual Characteristic Database entry were not performed on this proficiency test.
F8UK7Q	Extraction: Item 1 and Item 2 were extracted using in-situ method. Item 3 and Item 4 were extracted using QIASymphony extraction method. Quantification: Item 3 and Item 4 were quantified using ABI Quantifiler Trio DNA Quantification Kit on ABI Quantstudio 5 Real-Time PCR System. Amplication: Item 1 and Item 2 were amplified using GlobalFiler Express PCR Amplification Kit on Proflex PCR System. Item 3 and Item 4 were amplified using GlobalFiler PCR Amplification Kit on ABI GeneAmp PCR System 9700. Item 2, Item 3 and Item 4 were amplified using AmpFLSTR Yfiler PCR Amplification Kit on ABI GeneAmp PCR System 9700. Electrophoresis: Electrophoresis were carried out on ABI 3500xL Genetic Analyzer for item 1 and Item 2 (GlobalFiler Express Kit), Item 3 and Item 4 (GlobalFiler kit). Electrophoresis were carried out on ABI 3500xL Genetic Analyzer for item 2, item 3 and Item 4 (Y-Filer kit). Quality Control: Reagent Blank, Positive Control and Negative Control were carried out through analysis and all gave intended results. NM : non-male profile.
FBD3H4	Item 3: (hp=item1+1unkn) vs (hd=2unkn): casesolver LogLR=1.5E+01; LRmix (opt d.o. 0.21) LogLR=1.4E+01; Labretriever (opt d.o. 0.21) LogLR= 1.3E+01 (afr.am)/ 1.4E+01 (cauc)/ 1.4E+01 (hisp); Euroformix LogLR= 2.2E+01. (hp=item2+1unkn) vs (hd=2unkn): casesolver LogLR=1.4E+01 LRmix (opt d.o. 0.22) LogLR=1.3E+01; Labretriever (opt d.o. 0.22) LogLR= 1.4E+01 (afr.am)/ 1.2E+01 (cauc)/ 1.3E+01 (hisp); Euroformix LogLR= 1.8E+01. (hp=item1+item2) vs (hd=2unkn) LRmix (opt d.o. 0.22) LogLR=3.4E+01; Labretriever (opt d.o. 0.22) LogLR= 3.4E+01 (afr.am)/ 3.3E+01 (cauc)/ 3.3E+01 (hisp); Euroformix LogLR= 4.8E+01. Item 4: (hp=item1+1unkn) vs (hd=2unkn): casesolver LogLR=1.6E+01 LRmix (opt d.o. 0.25) LogLR=1.4E+01; Labretriever (opt d.o. 0.25) LogLR= 1.3E+01 (afr.am)/ 1.5E+01 (cauc)/ 1.4E+01 (his); Euroformix LogLR= 2.1E+01. Item 4: (hp=item2+1unkn) vs (hd=2unkn): casesolver LogLR=-1.6E+01.
FBEMXW	NR=No results. This laboratory does not generate an allele table for the evidence. sample results. Therefore this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results.
FDGBQ2	NR: No results
FG4ZYK	No interpretation of victim (Item 1): only Y-STR testing done and Item 1 is female. Item 4 had inconclusive AP test due to substrate color.
FGFLM2	NR=no results
FTUWYX	NR= No Results. This laboratory does not generate an allele table for the evidence sample results. Therefore this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results.

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TABLE 6

WebCode	Additional Comments
FVJX77	The scientist assigned is qualified in extraction through CE and not in data analysis for casework samples. Data was analyzed by a second scientist to confirm correct results were obtained.
FXJHLQ	For item 3 autosomal results: CSF1P0: 12 allele with possible partner allele drop-out. D2S1338: 25 allele with possible partner allele drop-out.
G3Y4DX	NR = No Results. NT = Not Tested. Note: GFE testing was performed by another analyst, however analysis performed by this analyst.
GCQGH4	Only BFI/screening was performed on this test.
GJH4X2	Abbreviation: NR - No results.
H2YME7	For items 3 & 4, probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report reflect DNA profiles with stutter filters on.
HBTLER	The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed.
HDU737	Item 3 and 4 was not tested for possible semen, due to the charge (physical assault).
J2BNRR	Not trained in mixture interpretation (below are the conclusions made for STR and YSTR for Items 3 and 4). STR Item 3: A mixture DNA profile was obtained. No further interpretation was conducted at this time. STR Item 4: A mixture DNA profile was obtained. No further interpretation was conducted at this time. YSTR Item 3: A single source, Y-STR profile was obtained. This Y-STR profile is concordant with the Y-STR profile obtained from Known Male (Item 2). Statistical analysis was conducted. YSTR Item 4: A single source, Y-STR profile was obtained. This Y-STR profile is not consistent with the Y-STR profile obtained from Known Male (Item 2) and is from an unknown source.
J2W3HP	Extraction: Item 1 & 2 were extracted using in-situ method. Item 3 & 4 were extracted using Qiasymphony DNA Investigator Kit via QIAsymphony SP. Quantification : Item 3 & 4 were quantified using Quantifiler Trio DNA Quantification Kit on RTPCR QuantStudio 5. Amplification : Item 1 & 2 were amplified using Globalfiler Express (GFE) STR Kit on ABI Proflex PCR System. Item 3 & 4 were amplified using Globalfiler STR Kit on 9700 GeneAmp PCR System. Y-STR amplification was carried out on Item 2, 3 & 4 using AmFLSTR Y-Filer kit on 9700 GeneAmp PCR. Electrophoresis: Electrophoresis for Item 1, 2 ,3 & 4 was carried out on Genetic Analyzer 3500xl. Electrophoresis for Item 2 ,3 & 4 was carried out on Genetic Analyzer 3500xl (Y-Filer). Quality Control: Reagent Blank, Positive & Negative Control were run together throughout the analysis. NM : Represented Non-Male Profile.
J4ME4G	The following exhibit was inconclusive for the presence of acid phosphatase due to difficulty in accurately detecting a color change as a result of the substrate color: 4.
K4XFPF	This test was completed for DNA only. Serology results obtained from [Laboratory] CTS test 24-5703:C. Item 4 screening: AP test inconclusive due to substrate color. Item 3: TPOX, D21S11, TH01, D5S818, D7S820, and D10S1248: -- Possible additional genetic information may be present. No additional peaks were detected.
KQDXVQ	NT = NOT TESTED. NR = NO RESULTS.
L8NGU2	reporting results with stutter filters on
LJNZJ9	Modified Rapid DNA analysis conducted on Item 1 with RapidHit and Item 2 with ANDE I-chip. Items 3 and 4 not processed, no DNA interpretation conducted. NID=no interpretable data.

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TABLE 6

WebCode	Additional Comments
LU7QWK	I took 2 cuttings from Item 4. The first cutting from the center of the stain resulted in a M:F ratio of 1:550 resulting in a dilution of the male component beyond the point of detection at CE. The second cutting from the edge of the stain resulted in a M:F ratio of 1:2.2.
M2JYXL	^ indicates peak below stochastic threshold
MB7ZEV	Presumptive testing detected the possible presence of blood on Items 3 and 4.
MJ4T6X	NR = No results. Item 1A - 25 @ D12 called - peak appears to be combination of PU and elevated N-4; therefore, not reported. Item 4A - 16 @ D22 is within thresholds to be N-3 / N+3 and STRmix did not give any weight to it as an allele; therefore, not reported
N43DZ2	No mixture interpretation. I am only qualified for single source DNA analysis.
NE8AEP	The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed.
NZPHQJ	Did not test for semen or saliva because those test results would not address the allegations provided.
P9DRDJ	The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed.
PEGPUB	Hypothesis for Item 3 in LRmix studio v 2.1.3: Item 1 + Item 2 / Item 1 + 1 Unknown LR=1,6201E019. Dropout Probability for Item 1 = 0.0 for Item 2 = 0.25, Probability of dropin 0,05, theta correction 0,01, Allele Frequencies take from www.strider.online). Hypothesis for Item 4 in LRmix studio v 2.1.3. Item 1 + 1 Unknown / 2 Unknown LR=2,6924E014. Item 2 is not considered as a possible contributor to the Item 4. (Dropout Probability 0.26, Probability of dropin 0,05, theta correction 0,01, Allele Frequencies take from www.strider.online).
PJV9CR	NR - no results
PZ44ZK	The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed.
Q4FL4L	NR = no results
Q6RP8T	NR = no result. For items interpreted with STRmix, reported alleles represent all alleles imported for STRmix interpretation.
QK8DB2	Minifiler was also used to amplify item 3. Concordant results were obtained for all loci for GlobalFiler and Minifiler.
QTXVPA	Item 4, AP test = Inc. due to substrate color. Item 1 not processed further since test only used for Y-STR analysis (no male DNA detected).

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TABLE 6

WebCode	Additional Comments
QVQRE4	MiniFiler was also used to amplify item 3, concordant results were obtained with Globalfiler and MiniFiler.
R28K49	The laboratory does not provide an allele table in the report; therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples.
RBDNRJ	NR = locus tested but No Results obtained. NT = locus Not Tested. For this proficiency, only autosomal STRs were tested, no YSTRs.
RBUV6M	Elevated stutter detected in D3S1358, Item #4.
RCQCBH	The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed.
RNHN2B	The laboratory does not provide an allele table in the report, therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples.
RRXFQH	Autosomal STR technology only. No Y-STR testing. NT = Not Tested. NR = No Result.
RW9HQR	Reporting results with stutter filters on.
RYZEFL	Extraction: Item 1 and Item 2 were extracted using the in-situ extraction method while Item 3 and Item 4 were extracted using the Chelex extraction method. Quantification: Item 3 and Item 4 were quantified using the Quantifiler Human DNA Quantification kit on the Applied Biosystem QuantStudio 5 Real-Time PCR System. Amplification: Item 1 and Item 2 were amplified using the Globalfiler Express PCR Amplification kit on the 9700 GeneAmp PCR System while Item 3 and Item 4 were amplified using the Globalfiler PCR Amplification kit on the 9700 GeneAmp PCR System. Y-STR (Y-Short Tandem Repeat) amplification was carried out on Item 2, Item 3 and Item 4 using the AmpFISTR Y-filer PCR Amplification kit on the 9700 GeneAmp PCR System. Electrophoresis: Electrophoresis was carried out on the Applied Biosystems 3500xL Genetic Analyzer with GeneMapper ID-X Software for Item 1 and Item 2 (Globalfiler Express) and Item 3 and Item 4 (Globalfiler). Electrophoresis for Y-Filer was carried out on the Applied Biosystems 3500xl Genetic Analyzer with GeneMapper ID-X Software for Item 2, Item 3 and Item 4. Quality Control: Reagent blank, positive control and negative control were carried out throughout the analysis and all gave intended results. Abbreviation: NM : Non-male Profile.
T7XG4J	NR = no results. NT = not tested. No YSTR testing on this proficiency test. No mito testing on this proficiency test.
TETJ6V	For items 3 & 4 probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report reflect DNA profiles with stutter filters on.

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TABLE 6

WebCode	Additional Comments
TKEL4K	Extraction : - Item 1 and Item 2 were extracted using in-situ extraction method. - Item 3 and Item 4 were extracted using Chelex extraction method. Quantification : - Item 3 and Item 4 were quantified using Applied Biosystem Quantifiler Trio DNA Quantification kit on QuantStudio 5 Real-Time PCR System. Amplification : - Item 1 and Item 2 were amplified using GlobalFiler Express Amplification kit. - Item 3 and Item 4 were amplified using GlobalFiler Amplification kit. - Item 2, Item 3 and Item 4 were amplified using Y-Filer kit. - All amplification performed on ProFlex PCR System. Electrophoresis : - All amplified product were run on Genetic Analyzer 3500. Quality Control : - All reagent blank, positive control, negative control, were carried out throughout the analysis and all gave intended results. Remarks : NM : Non-male profile.
TNEPV8	Serology only.
TWAPGR	Additional 25 peak detected at D12 on Item 3; interpreted as elevated stutter.
TYCNRJ	NR = no results. This laboratory does not generate an allele table for the evidence sample results. Therefore this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results.
U6K429	The laboratory does not provide an allele table in the report, therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples.
UAW67C	Note: ITEM 3: 1x additional peak noted at D18S51 locus (al 20). Consistent with combination of high stutter and post stutter. Peak exceeds laboratory stutter threshold by 0.75%. Peak height for al 20 is well within maximum stutter observed within the laboratory for that locus.
UKEMYJ	The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed.
ULKGAA	Stutter peaks left in for STRmix analysis
UM38JT	NR = no result
UMYPCH	NR = no results
UZ8LJQ	The scientist assigned to this test is qualified in extraction through CE but not in interpretation. A second scientist analyzed the data for Items 3 and 4 to confirm that correct results were obtained.
VBHHYE	NR = No results. NT = Not tested. A qualified FB analyst conduct the serological testing.
VDNBZM	For items interpreted with STRmix, reported alleles represent all alleles imported for STRmix interpretation. N/A = Not applicable. NR = No typing result
VKRKKF	NT = Not Tested. NR = No Result.
VT4Y6W	MiniFiler was also used to amplify item 3. Concordant results were obtained with GlobalFiler and MiniFiler.
VXFM6T	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.

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TABLE 6

WebCode	Additional Comments
XBXCYF	The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed.
XEU3WE	NT = not tested. NR = no results. GlobalFiler Express testing done by alternate analyst, but analysis done by [Name].
XPWCGH	NR = No Results
XXQ9RY	Note: Inclusions and exclusions were conducted by the analyst outside of the STRmix software program. STRmix was used to calculate the following propositions: Item 3: 1s2s_1sU; Item 4: 1sU_UU. Per FBU policy, STRmix would not be run for Item 4 as the item was from the victim (Item 1). Statistic was run for PT purposes only. NID= No Interpretable Data. Y-Screening was conducted on Items 3 and 4. Rapid DNA was performed on Items 1 and 2
YWTHYP	Analyst is only competent in blood testing and DNA analysis of knowns. Therefore, no DNA testing of unknowns (including analysis and comparisons) was performed.
Z2HQRH	ND = not determined. Item 4 comment N+3/N-3 stutter peak observed at D22S1045 (16 allele).
ZDTRF2	The laboratory does not provide an allele table in the report, therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples.
ZPQ6LM	Only reporting biological screening for items 3 and 4, no DNA typing conducted and no interpretation performed on these items. DNA typing conducted on items 1 and 2 only. This is the extent to which the analyst is authorized to perform testing in the laboratory.
ZQKDLW	INC - Inconclusive. Note: Inclusions and exclusions were conducted by the analyst outside the STRmix program, however, it was used to calculate a likelihood ratio on the following proposition: Item 3: 1s2s_1sU. This proficiency test is not being used to satisfy the serology requirement for 2024.
ZW3T49	Extraction: Item 1 and Item 2 were extracted using in situ method. Item 3 and Item 4 were extracted using Qiasymphony DNA Investigator Kit via Qiasymphony SP Platform. Quantification: Item 3 and Item 4 were quantified using ABI Quantifiler Trio DNA Quantification Kit on ABI QuantStudio 5 Real-Time PCR System. Amplification: Item 1 and Item 2 were amplified using Applied Biosystems Globalfiler Express PCR Amplification Kit on Proflex PCR System. Item 3 and Item 4 were amplified using Applied Biosystems Globalfiler PCR Amplification Kit on ABI GeneAmp PCR System 9700. Item 2, Item 3 and Item 4 were amplified using AmpFlSTR Y-Filer PCR Amplification Kit on ABI GeneAmp PCR System 9700. Electrophoresis: Electrophoresis was carried out on ABI 3500xL Genetic Analyzer for Item 1, Item 2, Item 3 and Item 4. Electrophoresis were carried out on ABI 3500xL Genetic Analyzer for Item 2, Item 3 and Item 4 (Y-Filer). Quality Control: Reagent Blank, Positive Control and Negative Control were carried out through analysis and all gave intended results. NM: Non-male profile.

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TABLE 6

WebCode	Additional Comments
ZWQ38B	The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed.
ZY7NMB	Extraction: Item 3 and Item 4 were extracted using the Chelex extraction method. Quantification: Item 3 and Item 4 were quantified using the Applied Biosystems™ Quantifiler™ Human DNA Quantification Kit on the Applied Biosystems™ QuantStudio™ 5 Real-Time PCR System. Amplification: Item 1 and Item 2 were amplified using the Applied Biosystems™ GlobalFiler™ Express PCR Amplification Kit on the Applied Biosystems™ ProFlex™ 96-well PCR System. By using the in-situ method, Item 2 was also amplified using the Applied Biosystems™ AmpFLSTR™ YFiler™ PCR Amplification Kit on the Applied Biosystems™ GeneAmp™ PCR System 9700. Item 3 and Item 4 were amplified using the Applied Biosystems™ GlobalFiler™ and AmpFLSTR™ YFiler™ PCR Amplification Kits on the Applied Biosystems™ GeneAmp™ PCR System 9700. Electrophoresis: Electrophoresis was carried out on the Applied Biosystems™ 3500xL Genetic Analyzer and the data were analyzed with Applied Biosystems™ GeneMapper™ ID-X Software v1.5. Quality Control: Reagent Blank, Positive Control and Negative Control were included throughout the analysis and all gave intended results. Remark: 'NM' denotes non-male profile.

-End of Report-
(Appendix may follow)

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Test No. 24-5703: Forensic Biology

DATA MUST BE SUBMITTED BY **June 17, 2024, 11:59 p.m. EDT** TO BE INCLUDED IN THE REPORT

Participant Code: U1234A WebCode: 3JDGY3

The Accreditation Release section can be accessed by using the "Continue to Final Submission" button above. This information can be entered at any time prior to submitting to CTS.

Scenario:
Police are investigating a physical assault case involving a female victim and male suspect. The victim reports to police that the suspect is her boyfriend and that he physically assaulted her the night prior. The victim has several broken bones and lacerations. Police are submitting a stain from the shirt (Item 3) and a stain from the pants (Item 4) the victim was wearing during the assault. Also provided are known standards from the female victim (Item 1) and male suspect (Item 2).

Items Submitted (Sample Pack B3):
Item 1: Known blood from the female victim
Item 2: Known blood from the male suspect
Item 3: Questioned stain from victim's shirt (pink)
Item 4: Questioned stain from victim's pants (blue)

Participant Code: U1234A
WebCode: 3JDGY3

Part I: SCREENING TESTS

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 tab. 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	Alternate Light Source	ALS
Kastle Meyer	KM	Leucomalachite Green	LMG
Microscopic	Micro	Ortho-tolidine	O-tol
Phenolphthalein-Tetramethyl benzidine	PTMB	Prostate Specific Antigen	PSA
Rapid Stain Identification	RSID	Tetramethyl benzidine	TMB

Example:	Positive	Negative	Inconclusive	Not Tested	Test(s) Performed
Blood	◉	○	○	○	KM, O-tol, PTMB
Semen	○	◉	○	○	PSA
Saliva	○	○	○	◉	
Human Origin	○	○	○	◉	
Y-Screening (male DNA)	○	○	○	◉	
Other Specified Body Fluid	○	○	○	○	

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

Item 3:

	Positive	Negative	Inconclusive	Not Tested	Test(s) Performed
Blood	○	○	○	○	
Semen	○	○	○	○	
Saliva	○	○	○	○	
Human Origin	○	○	○	○	
Y-Screening (male DNA)	○	○	○	○	
Other:	○	○	○	○	

Item 4:

	Positive	Negative	Inconclusive	Not Tested	Test(s) Performed
Blood	○	○	○	○	
Semen	○	○	○	○	
Saliva	○	○	○	○	
Human Origin	○	○	○	○	
Y-Screening (male DNA)	○	○	○	○	
Other:	○	○	○	○	

Part II: DNA Results for Known Item 1

- Report alleles in numerical order, separated by a comma.
- Follow your laboratory procedures for reporting homozygotes (i.e. X,X or X) and null responses.
- If your laboratory policy is to indicate minor or weaker alleles, please enclose them within brackets [ ].

STR Amplification Kit(s) Used: Please check all the brands that apply for this item and record only additional kit specific information in the blank provided (i.e. 16, Plus, Direct, HS, Fusion, etc.).

☐ Identifiler® ☐ GlobalFiler™ ☐ Investigator® 24plex

☐ PowerPlex® Other

Report the Probabilistic Genotyping Software Used (if applicable):

Alleles below are sorted in **Default** *order.*

ITEM	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
1						
ITEM	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
1						
ITEM	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
1						
ITEM	FGA	Penta D	Penta E	SE33	TH01	TPOX
1						
ITEM	vWA	DYS391	DYS570	DYS576	Y Indel	
1						

Part II (continued): DNA Results for Known Item 2

- Report alleles in numerical order, separated by a comma.
- Follow your laboratory procedures for reporting homozygotes (i.e. X,X or X) and null responses.
- If your laboratory policy is to indicate minor or weaker alleles, please enclose them within brackets [ ].

STR Amplification Kit(s) Used: Please check all the brands that apply for this item and record only additional kit specific information in the blank provided (i.e. 16, Plus, Direct, HS, Fusion, etc.).

☐ Identifiler® ☐ GlobalFiler™ ☐ Investigator® 24plex

☐ PowerPlex® Other

Report the Probabilistic Genotyping Software Used (if applicable):

Alleles below are sorted in **Default** *order.*

ITEM	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
2						
ITEM	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
2						
ITEM	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
2						
ITEM	FGA	Penta D	Penta E	SE33	TH01	TPOX
2						
ITEM	vWA	DYS391	DYS570	DYS576	Y Indel	
2						

YSTR Amplification Kit(s) Used: Please check all the brands that apply for this item and record only additional kit specific information in the blank provided (i.e. Plus, 23, etc.).

☐ YFiler™ ☐ PowerPlex® Y Other

Alleles below are sorted in **Default** *order.*

ITEM	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
2									
ITEM	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
2									
ITEM	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	Y GATA H4
2									

Part II (continued): DNA Results for Questioned Item 3

- Report alleles in numerical order, separated by a comma.
- Follow your laboratory procedures for reporting homozygotes (i.e. X,X or X) and null responses.
- If your laboratory policy is to indicate minor or weaker alleles, please enclose them within brackets [ ].

STR Amplification Kit(s) Used: Please check all the brands that apply for this item and record only additional kit specific information in the blank provided (i.e. 16, Plus, Direct, HS, Fusion, etc.).

☐ Identifiler® ☐ GlobalFiler™ ☐ Investigator® 24plex

☐ PowerPlex® Other

Report the Probabilistic Genotyping Software Used (if applicable):

Did you perform a differential extraction of Item 3? YES ○ NO ○

Alleles below are sorted in **Default** *order.*

ITEM	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
3						
3 e						
3 sp						
ITEM	**D7S820**	**D8S1179**	**D10S1248**	**D12S391**	**D13S317**	**D16S539**
3						
3 e						
3 sp						
ITEM	**D18S51**	**D19S433**	**D21S11**	**D22S1045**	**Amelogenin**	**CSF1PO**
3						
3 e						
3 sp						
ITEM	**FGA**	**Penta D**	**Penta E**	**SE33**	**TH01**	**TPOX**
3						
3 e						
3 sp						
ITEM	**vWA**	**DYS391**	**DYS570**	**DYS576**	**Y Indel**	
3						
3 e						
3 sp						

YSTR Amplification Kit(s) Used: Please check all the brands that apply for this item and record only additional kit specific information in the blank provided (i.e. Plus, 23, etc.).

☐ YFiler™ ☐ PowerPlex® Y Other

Did you perform a differential extraction of Item 3? YES ○ NO ○

Alleles below are sorted in **Default** *order.*

ITEM	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
3									
3 e									
3 sp									
ITEM	**DYS437**	**DYS438**	**DYS439**	**DYS448**	**DYS449**	**DYS456**	**DYS458**	**DYS460**	**DYS481**
3									
3 e									
3 sp									
ITEM	**DYS518**	**DYS533**	**DYS549**	**DYS570**	**DYS576**	**DYS627**	**DYS635**	**DYS643**	**Y GATA H4**
3									
3 e									
3 sp									

Part II (continued): DNA Results for Questioned Item 4

- Report alleles in numerical order, separated by a comma.
- Follow your laboratory procedures for reporting homozygotes (i.e. X,X or X) and null responses.
- If your laboratory policy is to indicate minor or weaker alleles, please enclose them within brackets [ ].

STR Amplification Kit(s) Used: Please check all the brands that apply for this item and record only additional kit specific information in the blank provided (i.e. 16, Plus, Direct, HS, Fusion, etc.).

☐ Identifiler® ☐ GlobalFiler™ ☐ Investigator® 24plex

☐ PowerPlex® Other

Report the Probabilistic Genotyping Software Used (if applicable):

Did you perform a differential extraction of Item 4? YES ○ NO ○

Alleles below are sorted in **Default** *order.*

ITEM	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
4						
4 e						
4 sp						
ITEM	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
4						
4 e						
4 sp						
ITEM	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
4						
4 e						
4 sp						
ITEM	FGA	Penta D	Penta E	SE33	TH01	TPOX
4						
4 e						
4 sp						
ITEM	vWA	DYS391	DYS570	DYS576	Y Indel	
4						
4 e						
4 sp						

YSTR Amplification Kit(s) Used: Please check all the brands that apply for this item and record only additional kit specific information in the blank provided (i.e. Plus, 23, etc.).

☐ YFiler™ ☐ PowerPlex® Y Other

Did you perform a differential extraction of Item 4? YES ○ NO ○

Alleles below are sorted in **Default** *order.*

ITEM	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
4									
4 e									
4 sp									
ITEM	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
4									
4 e									
4 sp									
ITEM	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	Y GATA H4
4									
4 e									
4 sp									

Part II (continued): DNA Analysis - Additional DNA

- Use this section to report results for loci not currently listed in other sections of the data sheet.
- Report alleles in numerical order, separated by a comma.
- If your laboratory policy is to indicate minor or weaker alleles, please enclose them within brackets [ ].
- Click "Add Row" to show another row of boxes for entry.

Did you perform a differential extraction of Item 3? Yes ○ No ○

Did you perform a differential extraction of Item 4? Yes ○ No ○

Locus	Item 1	Item 2	Item 3	Item 3e	Item 3sp	Item 4	Item 4e	Item 4sp

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)?

	Victim (Item 1)			Suspect (Item 2)	
	Item 3	Item 4		Item 3	Item 4
Yes	○	○	Yes	○	○
No	○	○	No	○	○
Inconclusive	○	○	Inconclusive	○	○
No Interpretation	○	○	No Interpretation	○	○

DNA interpretations not reported; samples analyzed for database purposes only: ☐

Part IV: ADDITIONAL COMMENTS

- Use this section to report comments regarding any part of this test.
- Written conclusions (including statistical information) for DNA analysis are not required.
- Any interpretations based on the results obtained should be indicated in the section above.
- Note: Laboratories submitting their results for 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.

Please note: *Any additional formatting applied in the free form space below will not transfer to the Summary Report and may cause your information to be illegible. This includes additional spacing and returns that present your responses in lists and tabular formats.*

RELEASE OF DATA TO ACCREDITATION BODIES

The Accreditation Release is accessed by pressing the "Continue to Final Submission" button online and can be completed at any time prior to submission to CTS.

CTS submits external proficiency test data directly to ANAB and/or A2LA. Please select one of the following statements to ensure your data is handled appropriately.

- ○ This participant's data is intended for submission to ANAB and/or A2LA. (Accreditation Release section below must be completed.)
- ○ This participant's data is **not** intended for submission to ANAB and/or A2LA.

Have the laboratory's designated individual complete the following steps
only if your laboratory is accredited in this testing/calibration discipline
by one or more of the following Accreditation Bodies.

Step 1: Provide the applicable Accreditation Certificate Number(s) for your laboratory

ANAB Certificate No.

A2LA Certificate No.

Step 2: Complete the Laboratory Identifying Information in its entirety

Authorized Contact Person and Title

Laboratory Name

Location (City/State)