

Laboratory Notes - Images



USACIL case # 08-2407-R1

CD Contents:

- fsa files 19 Feb 09
- GM table(s) 19 Feb 09
- Photos _____

Christie Johnson

2/25/2009

Page _____

CBJ

U.S. v Capt Wacker

Case Number 08-2407-R1

Examiner CBJ

Report Date 26 Feb 09

Reviewer DML

Review Date 27 Feb 09

(initial & date upon completion)

[1] The following are present and complete in the folder (NA = Not Applicable):

<input checked="" type="checkbox"/> Log Sheet(s)	<input checked="" type="checkbox"/> Electropherograms (Samples)	<input checked="" type="checkbox"/> Abbreviation List
<input checked="" type="checkbox"/> Extraction Sheet(s)	<input checked="" type="checkbox"/> Electropherograms (Size Standards)	<input checked="" type="checkbox"/> Compare Data
<input checked="" type="checkbox"/> Quantification Sheet(s)	<input checked="" type="checkbox"/> Reagent Lot Numbers	<input checked="" type="checkbox"/> Frequency Page(s) (expanded view)
<input type="checkbox"/> Microcon Concentration Sheet(s)	<input type="checkbox"/> DNA Transfer Sheet(s)	<input checked="" type="checkbox"/> CODIS Disposition Form(s) (CDF)
<input checked="" type="checkbox"/> Amplification Sheet(s)	<input checked="" type="checkbox"/> Analyst Data (Controls & Ladder check)	<input checked="" type="checkbox"/> CD Data Disk of Raw Data Files and Genotypes Table(s)
<input checked="" type="checkbox"/> Sample Sheet(s)	<input checked="" type="checkbox"/> Analyst Data (Samples only, showing matches)	

[2] Log and Extraction Sheets

<input checked="" type="checkbox"/> There is a correct Sample ID for each Log entry.	<input checked="" type="checkbox"/> Reference and Questioned samples were extracted separately.
<input checked="" type="checkbox"/> Each Extraction Sheet contains date and start/stop times.	<input checked="" type="checkbox"/> Each batch includes a Reagent Blank and QA sample.

[3] Quantification, Concentration and Amplification Sheets

<input checked="" type="checkbox"/> Slope/R ² values are within acceptable range	<input type="checkbox"/> Extraction volume and quantification result support stopping analysis of sample(s)
<input checked="" type="checkbox"/> Amp. sheet indicates amount of DNA amplified for each sample	<input type="checkbox"/> Amount of total male DNA amplified is ≥ 50 pg (Yfiler)
<input checked="" type="checkbox"/> Amount of total human DNA amplified is ≥ 250 pg (Identifiler)	

[4] Analysis Worksheets and Electropherograms

<input checked="" type="checkbox"/> Internal Size Standard is acceptable for all reported results.	<input checked="" type="checkbox"/> Allele calls on the Analyst Data Sheet are correct.
<input checked="" type="checkbox"/> Ladder(s) used to make allele calls labeled correctly	<input checked="" type="checkbox"/> Artifacts are annotated on electropherograms.
<input checked="" type="checkbox"/> Each extraction batch has expected results for controls.	<input checked="" type="checkbox"/> Computer-labeled alleles and RFUs present on electropherograms
<input checked="" type="checkbox"/> Analyst and Reviewer data match (Any instance of non-matching is documented).	<input type="checkbox"/> Unknown profiles were checked against the staff database.

[5] Frequency Calculation Sheet

<input checked="" type="checkbox"/> Appropriate method used to calculate the frequency	<input checked="" type="checkbox"/> Appropriate alleles and/or haplotype used for calculations
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[6] CODIS Disposition Form (CDF)

<input type="checkbox"/> Evidence Profile selected is allowable in CODIS and source is indicated (e.g. victim's panties).	<input checked="" type="checkbox"/> CDF is complete and correct (correct category is selected; correct results box checked; Specimen ID is correct, signed and dated by the examiner).
<input type="checkbox"/> Correct Suspect, Victim and Elimination Profiles included where possible.	<input checked="" type="checkbox"/> Pink CDF initialed by reviewer indicating agreement with profile for CODIS entry

[7] Report/Casefile Documentation

<input checked="" type="checkbox"/> Conclusions in report are supported by the data	<input type="checkbox"/> Annotation of returning swabs/cuttings/hairs (if applicable)
<input checked="" type="checkbox"/> Statistics provided in report are correct	<input type="checkbox"/> CODIS entry statement (if applicable)
<input checked="" type="checkbox"/> All exhibits in Exhibit List addressed in body of report	

[8] Comments

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For Internal Use Only:

Exhibits inventoried 1 # Sero Exams 1 # DNA Samples 1 # DNA Controls 4 DNA Start Date 08 Feb 09

DNA Branch Administrative Review (AR) - v. 07 Sept 07

Case Number 08-2407-R1 Examiner CBJ Report Date 26 Feb 09
Reviewer A. Vane (AV) Review Date 27 Feb 09 (initial & date upon completion)

[1] Review of the Report

- The correct report format was used.
- The Lab case number and Submitter case number are correct on each page.
- The date and page numbers are correct.
- The Branch exhibit description is consistent with the current Lab Exhibit List.
- The Branch Exhibit List includes the name(s) of individuals from whom item(s) were obtained (where known).
- Voucher and Item numbers or equivalents (where required) are present and correct.
- The report has been checked for spelling or typographical errors.
- The report clearly conveys the findings.
- The signature block is signed or initialled.
- Every exhibit on the Exhibit List is addressed in the body of the report (check Exhibit List against body of report).
- The paragraphs of the report are numbered correctly.
- The review copy of report is present and initialled.

[2] Review of the Folder Documentation

- The receipt of the evidence is properly documented (how, when, from whom, condition, sealing).
- Mailing labels are present/complete beneath the lab request. (Registered Mail number, return address, Inventory Control number, initials, date, Lab Case Number) (NA if obtained from another examiner)
- Notes are properly annotated (Lab case number, examiner's handwritten initials, date, page number).
- Corrections were properly made (initialed single strike-through).
- NA Internal work orders/custody documents are complete. (imaging work orders, DNA Transfer Forms, etc.)
- Applicable USACIL worksheets and Lab Activity Summary are complete.
- The DNA compare data forms are present and page numbered.
- All boxes on Technical Review form(s) are completely filled out.
- DNA Branch faxes/emails/foncons or other communications are annotated with Lab case number and located in the appropriate section of the folder.

[3] Comments:

08-2407 19Feb09.D1

TR_CBJ_19 Feb 09 08-2407 R1.DML.txt

Sample ID	D8S1179	D21S11	D7S820	CSF1PO	D3S1358	TH01	D13S317	D16S539	D251338	D19S433	vWA	TPOX	D18S51	AmeI	D5S818	TSA
CJ1325_08CJ2407K4_buccal_swab_of_WACKER_09-02-19-B01	13	29,31,2	11	12	14,15	6,9	9,13	11,13	22,25	14,15	17	8,9	13,17	X,Y	12,13	19,24
CJ1325_08CJ2407K4_buccal_swab_of_WACKER_09-02-19-B01	13	29,31,2	11	12	14,15	6,9	9,13	11,13	22,25	14,15	17	8,9	13,17	X,Y	12,13	19,24
CJ1328_QA164_Blood_QA164_for_07CJ1801_08CJ2407_K_09-02-19-E01	15	29,30	11	12	15,18	7,8	12,14	8,10	19,23	15,16	18,20	8,11	12,13	X,Y	11,12	20,22
CJ1328_QA164_Blood_QA164_for_07CJ1801_08CJ2407_K_09-02-19-E01	15	29,30	11	12	15,18	7,8	12,14	8,10	19,23	15,16	18,20	8,11	12,13	X,Y	11,12	20,22
CJ1329_Reag_Blank_Reag_Blank_for_07CJ1801_08CJ2407_K_09-02-19-F01																
CJ1329_Reag_Blank_Reag_Blank_for_07CJ1801_08CJ2407_K_09-02-19-F01																
CJ1330_Pos_Con_Pos_Con_for_07CJ1801_08CJ2407_K_09-02-19-G01	13	30	10,11	10,12	14,15	8,9,3	11	11,12	19,23	14,15	17,18	8	15,19	X	11	23,24
CJ1330_Pos_Con_Pos_Con_for_07CJ1801_08CJ2407_K_09-02-19-G01	13	30	10,11	10,12	14,15	8,9,3	11	11,12	19,23	14,15	17,18	8	15,19	X	11	23,24
CJ1331_Neg_Con_Neg_Con_for_07CJ1801_08CJ2407_K_09-02-19-H01																
CJ1331_Neg_Con_Neg_Con_for_07CJ1801_08CJ2407_K_09-02-19-H01																
Ladder_Identifier 09-02-19-A01	8,9,10,11	24,24,2	6,7,8,9	6,7,8,9	12,13,14	4,5,6	8,9,10,11	5,8,9,10	15,16,17	9,10,11	11,12	6,7,8	7,9,10,11	X,Y	7,8,9,10	17,18
Ladder_Identifier 09-02-19-A01	8,9,10,11	24,24,2	6,7,8,9	6,7,8,9	12,13,14	4,5,6	8,9,10,11	5,8,9,10	15,16,17	9,10,11	11,12	6,7,8	7,9,10,11	X,Y	7,8,9,10	17,18
Ladder_Identifier 09-02-19-A02	8,9,10,11	24,24,2	6,7,8,9	6,7,8,9	12,13,14	4,5,6	8,9,10,11	5,8,9,10	15,16,17	9,10,11	11,12	6,7,8	7,9,10,11	X,Y	7,8,9,10	17,18
Ladder_Identifier 09-02-19-A02	8,9,10,11	24,24,2	6,7,8,9	6,7,8,9	12,13,14	4,5,6	8,9,10,11	5,8,9,10	15,16,17	9,10,11	11,12	6,7,8	7,9,10,11	X,Y	7,8,9,10	17,18

Analyst_Data matches Review_Data

Analyst_Data does not match Review_Data

one

000413

3

CBJ

Single Source

C71291.1 (8C33497)11-10P2 -couch of abattoir from BRUCKER area (BF2 09-01-12-G0)

Locus	Allele1	Allele2	Frequency Unrelated
D8S1179	11	11	
	0.3393	0.3393	0.117366
	0.2222	0.2222	0.051101
	0.3251	0.3251	0.107884
D2S131	29	31.1	
	0.1811	0.0995	0.056039
	0.1899	0.0754	0.028637
	0.2094	0.0662	0.033239
D7S820	11	11	
	0.2020	0.2020	0.042418
	0.2238	0.2238	0.051824
	0.2895	0.2895	0.083867
CSF1PO	12	12	
	0.3251	0.3251	0.107884
	0.3009	0.3009	0.092100
	0.3923	0.3923	0.156283
D9S1388	14	15	
	0.1404	0.2463	0.069161
	0.1214	0.2905	0.070535
	0.0790	0.4258	0.067276
TF801	8	9	
	0.2266	0.1650	0.074778
	0.1405	0.1452	0.081799
	0.2321	0.1029	0.047766
D13S317	9	13	
	0.0765	0.1090	0.016284
	0.0279	0.1257	0.007014
	0.2192	0.1379	0.060455
D16S539	11	13	
	0.2725	0.1634	0.080988
	0.2943	0.1851	0.097178
	0.3149	0.1034	0.065121
U2S138	22	29	
	0.0260	0.09539	0.005649
	0.13772	0.08383	0.023090
	0.07942	0.05873	0.005455
D19S438	14	15	
	0.33553	0.13487	0.090306
	0.1978	0.05892	0.015381
	0.32042	0.11972	0.076721
vWA	17	17	
	0.2628	0.2628	0.071001
	0.1833	0.1833	0.056096
	0.2217	0.2217	0.050876
TPOX	8	9	
	0.5443	0.1232	0.134116
	0.3684	0.1818	0.133950
	0.5950	0.0335	0.037185
D18S51	15	17	
	0.1225	0.1556	0.038132
	0.0536	0.1639	0.018226
	0.1200	0.1379	0.046886
AseI	X	Y	
D5S818	12	13	
	0.3819	0.1462	0.103480
	0.3556	0.3444	0.173817
	0.2906	0.0861	0.055853
FJA	19	24	
	0.0561	0.1378	0.015461
	0.0528	0.1861	0.019652
	0.0788	0.1256	0.019795
Cauc	f in	2.225E+19	
		9.0297E+20	
		3.7751E+19	
Cauc	f in	22 quantiles	
		900 quantiles	
		37 quantiles	

Matches WACKER

SEARCHED	INDEXED	FILED	SEARCHED	INDEXED	FILED	SEARCHED	INDEXED	FILED	SEARCHED	INDEXED	FILED	SEARCHED	INDEXED	FILED	SEARCHED	INDEXED	FILED
01	01	01	01	01	01	01	01	01	01	01	01	01	01	01	01	01	01
02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02
03	03	03	03	03	03	03	03	03	03	03	03	03	03	03	03	03	03
04	04	04	04	04	04	04	04	04	04	04	04	04	04	04	04	04	04
05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05
06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06
07	07	07	07	07	07	07	07	07	07	07	07	07	07	07	07	07	07
08	08	08	08	08	08	08	08	08	08	08	08	08	08	08	08	08	08
09	09	09	09	09	09	09	09	09	09	09	09	09	09	09	09	09	09
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25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
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49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49
50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50

Single-Source Reference
 Single-Source Reference EXACTLY MATCHES the Profile
 Single-Source Reference IS INCLUDED in the Profile
 Single-Source Reference is not included in the Profile



CODIS Disposition Form for Case Folder

Case # 08-2107-01 **Ev Source** shorts

Category **NO PROFILE for CODIS - Reason: Profile entered previously; subject standard submitted for this R1**

- EVIDENCE PROFILE for the FORENSIC INDEX** (This profile is from crime scene evidence, is attributable to a putative perpetrator, and is not from an item owned/used by the suspect.)
 - The source of the EVIDENCE PROFILE for the FORENSIC INDEX has been identified
 - The source of the EVIDENCE PROFILE for the FORENSIC INDEX is unknown
- UNIDENTIFIED HUMAN REMAINS PROFILE**
- MISSING PERSON or DEDUCED MISSING PERSON PROFILE**
- RELATIVE of MISSING PERSON PROFILE**

Correct results were obtained for all controls

Evidence		
D851179		
D21511		
D75820		
CSF1PO		
D351358		
TH01		
D135317		
D165539		
D251338		
D195433		
vWA		
TPOX		
D18551		
Amel		
D55818		
FGA		

Victim		
D851179		
D21511		
D75820		
CSF1PO		
D351358		
TH01		
D135317		
D165539		
D251338		
D195433		
vWA		
TPOX		
D18551		
Amel		
D55818		
FGA		

Suspect		
D851179		
D21511		
D75820		
CSF1PO		
D351358		
TH01		
D135317		
D165539		
D251338		
D195433		
vWA		
TPOX		
D18551		
Amel		
D55818		
FGA		

Elim		
D851179		
D21511		
D75820		
CSF1PO		
D351358		
TH01		
D135317		
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D251338		
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vWA		
TPOX		
D18551		
Amel		
D55818		
FGA		

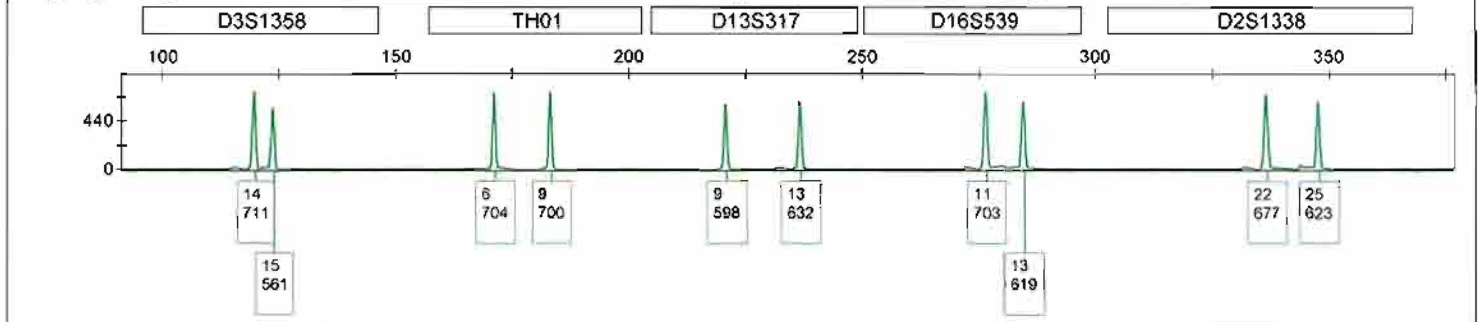
Signature *Chris Johnson*

Date 26 Feb 09

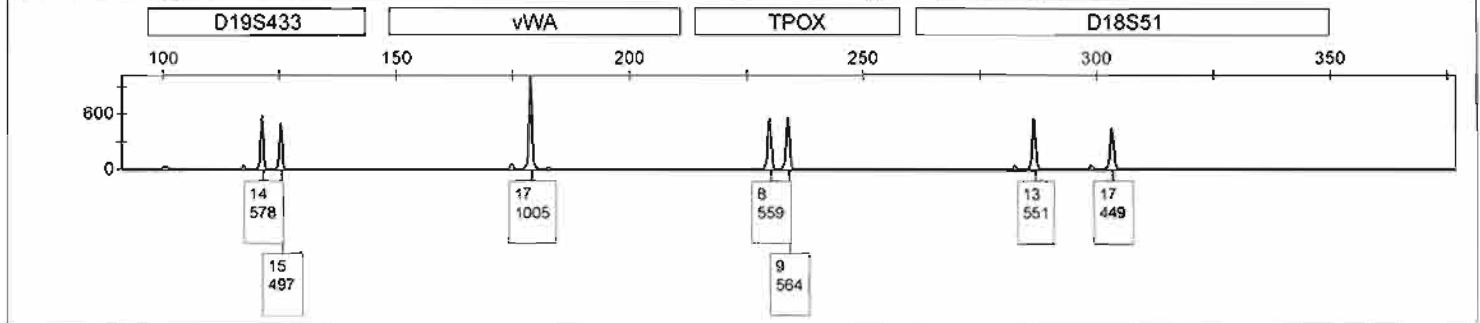
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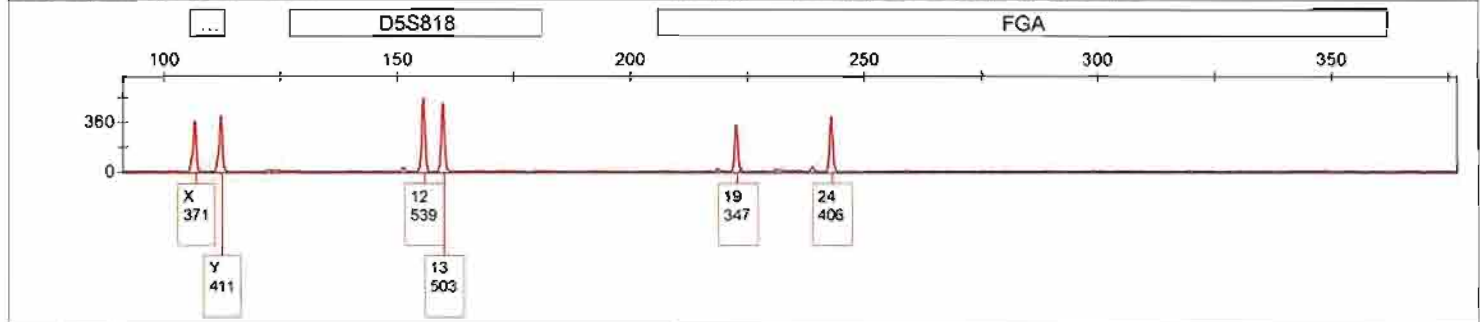
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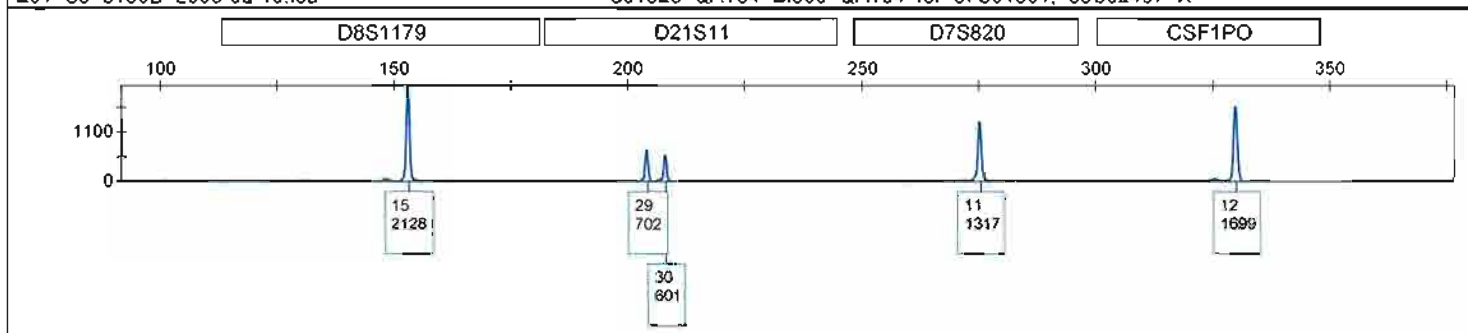
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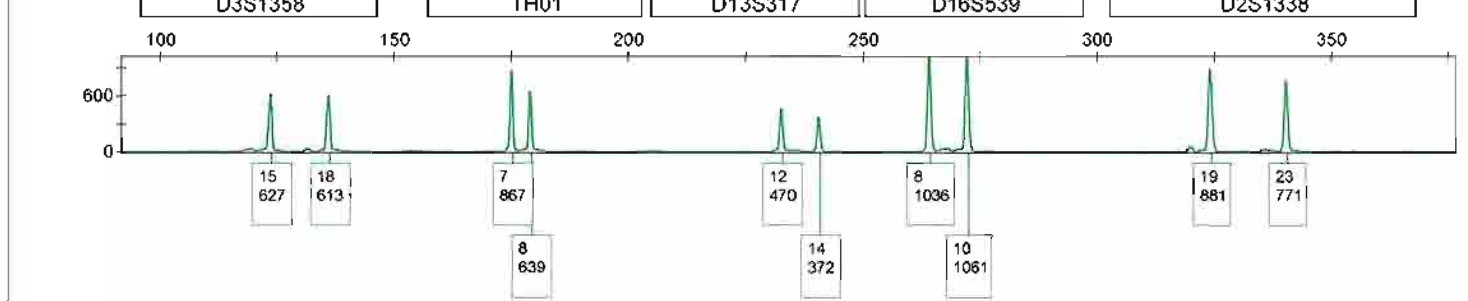
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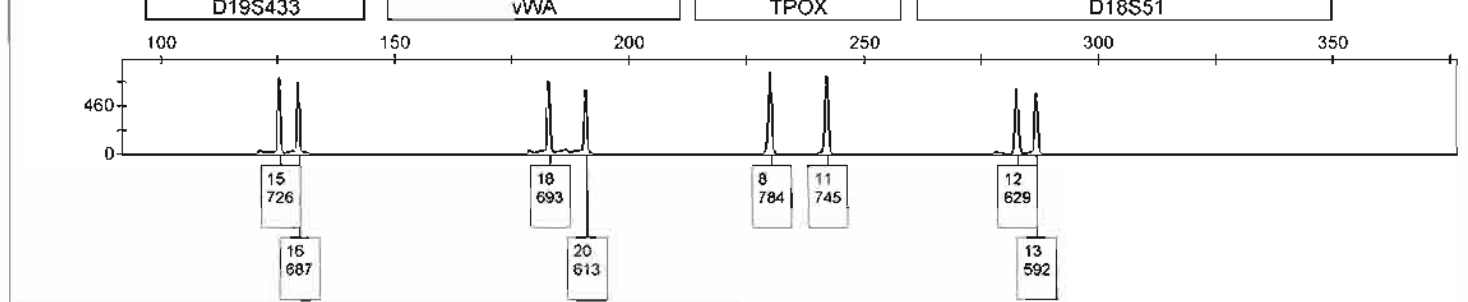
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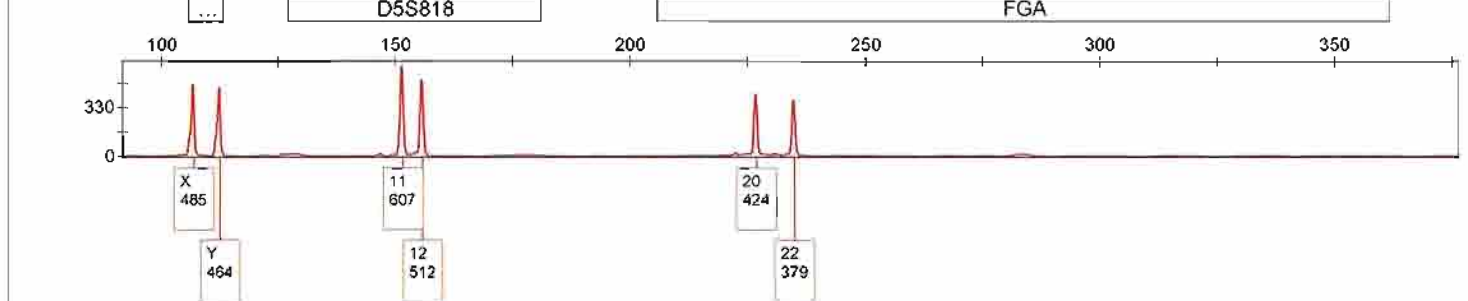
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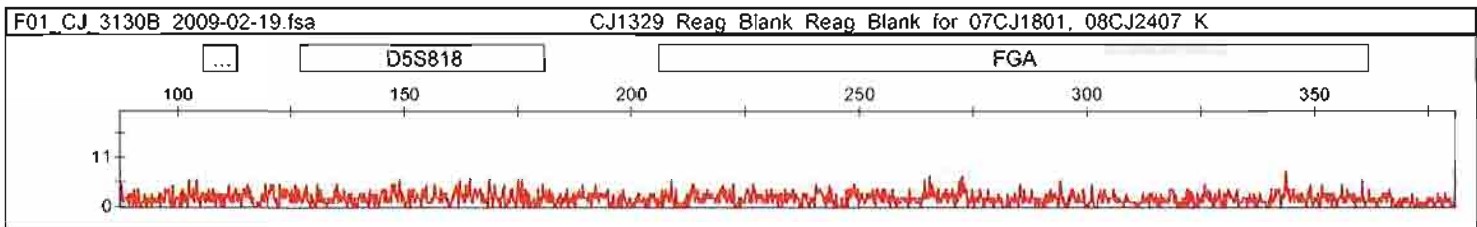
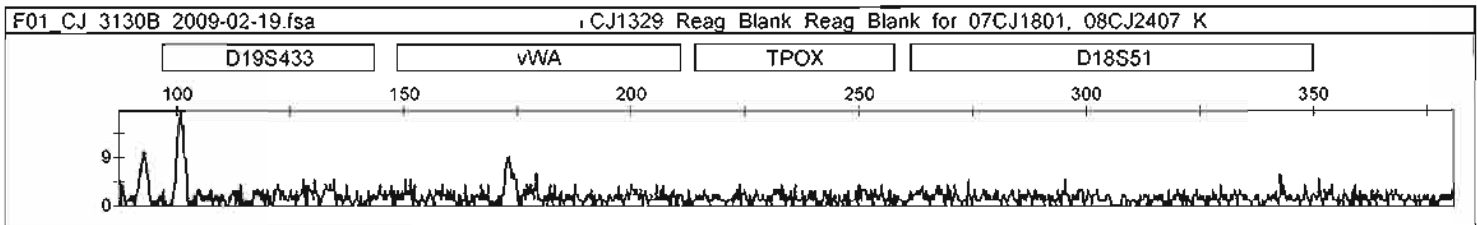
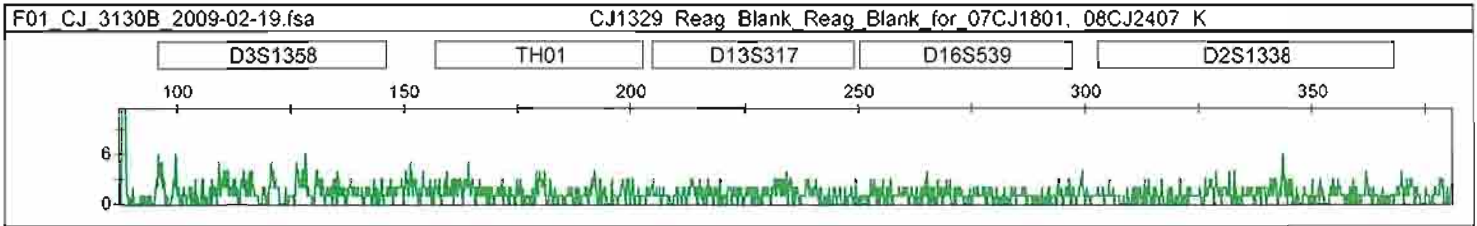
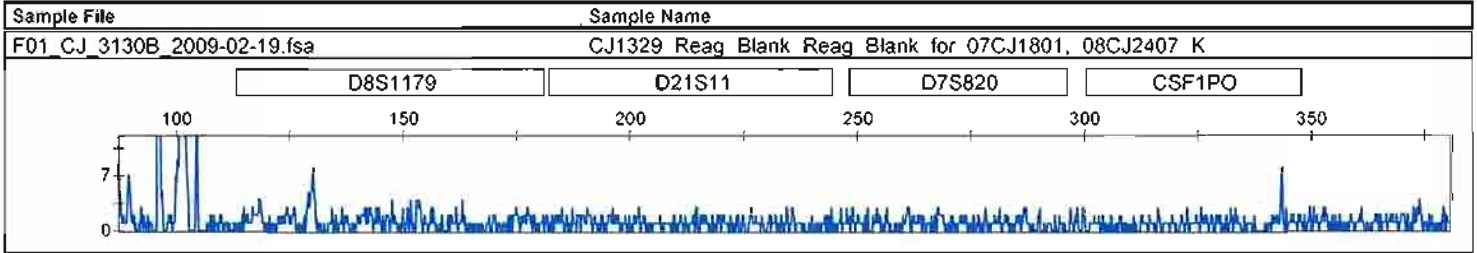


Sample File: E01_CJ_3130B_2009-02-19.fsa Sample Name: CJ1328_QA164_Blood_QA164_for_07CJ1801_08CJ2407_K

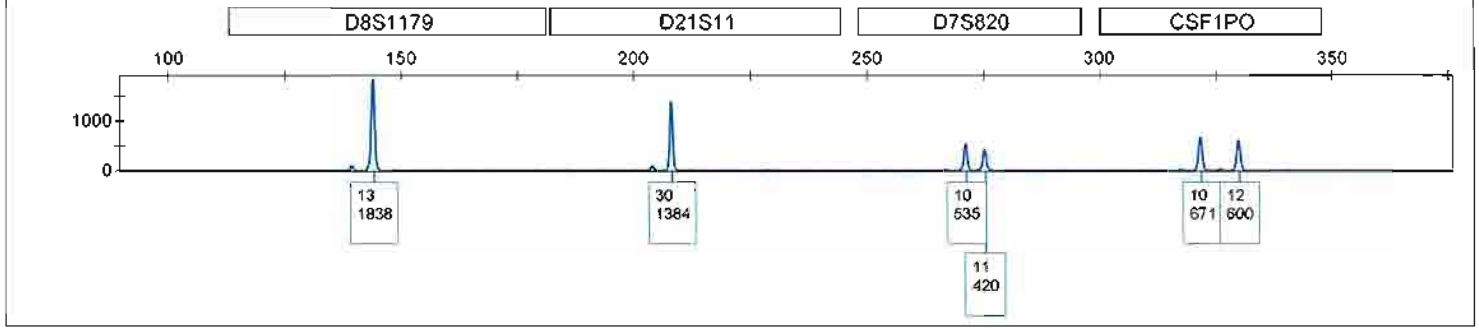


Sample File: E01_CJ_3130B_2009-02-19.fsa Sample Name: CJ1328_QA164_Blood_QA164_for_07CJ1801_08CJ2407_K

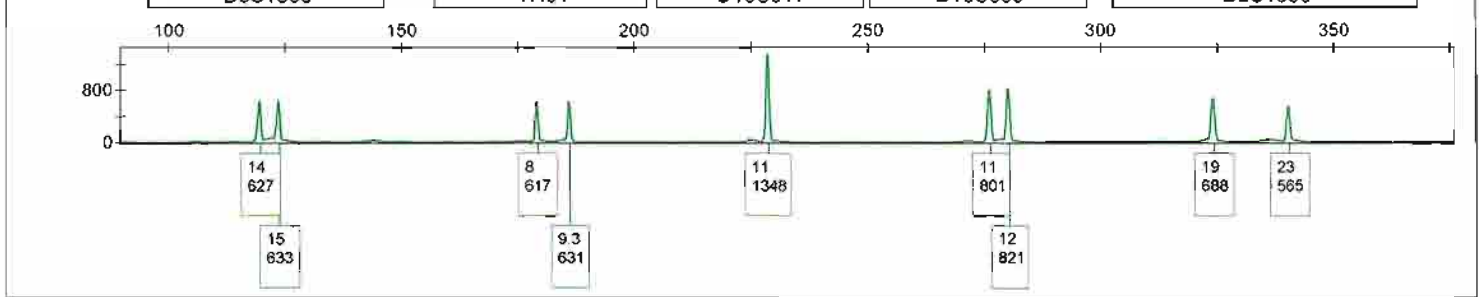




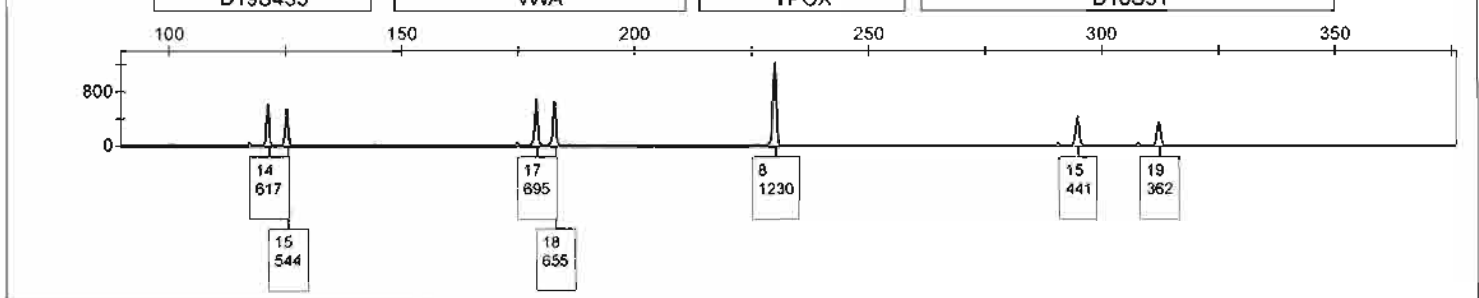
Sample File	Sample Name
G01_CJ_3130B_2009-02-19.fsa	CJ1330 Pos Con Pos Con for 07CJ1801, 08CJ2407 K



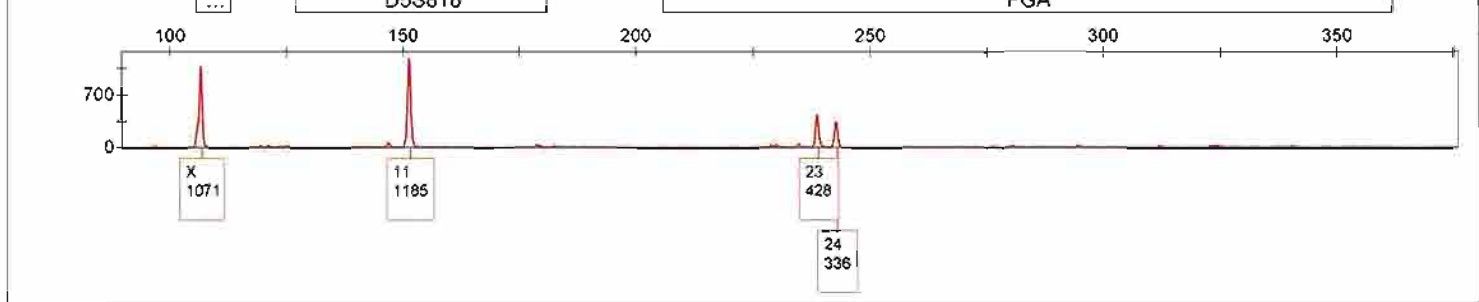
Sample File	Sample Name
G01_CJ_3130B_2009-02-19.fsa	CJ1330 Pos Con Pos Con for 07CJ1801, 08CJ2407 K

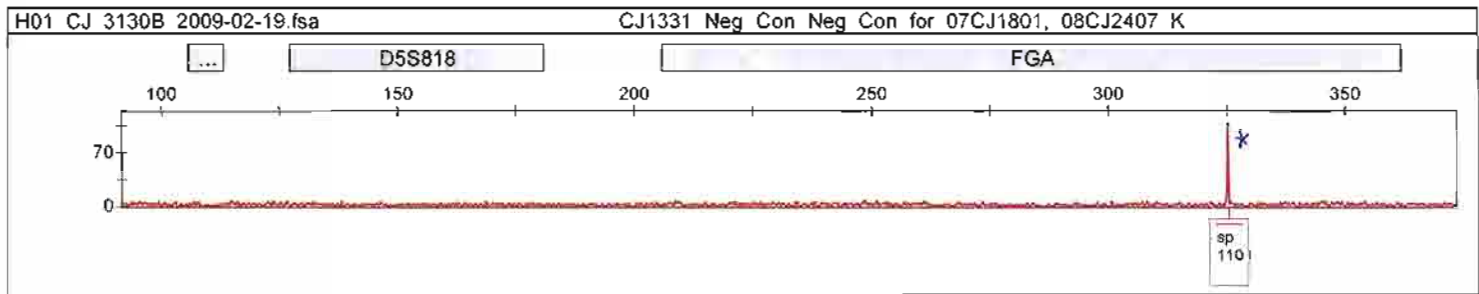
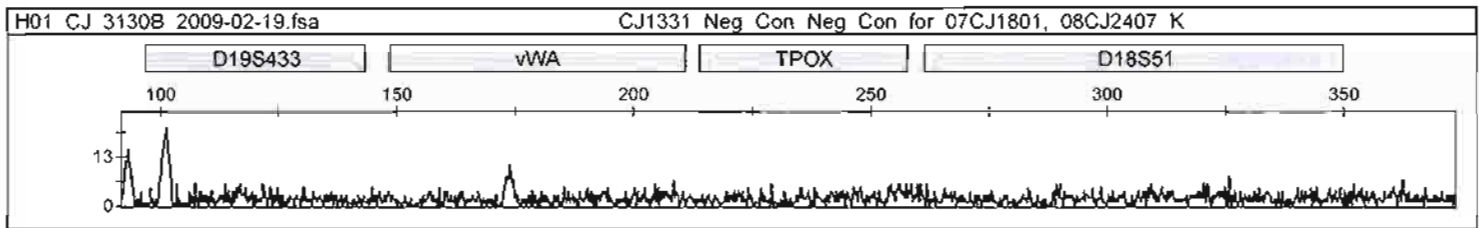
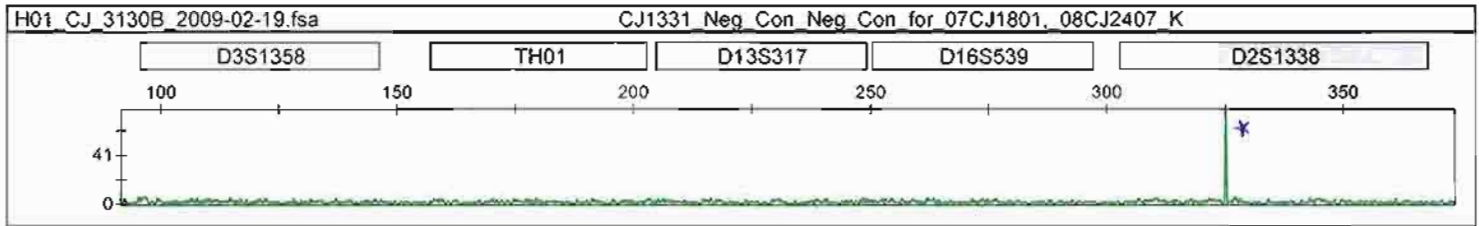
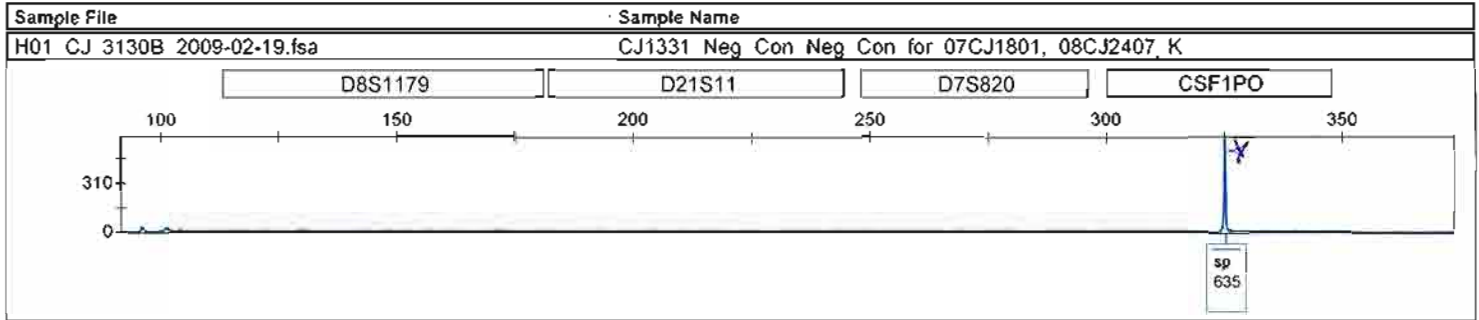


Sample File	Sample Name
G01_CJ_3130B_2009-02-19.fsa	CJ1330 Pos Con Pos Con for 07CJ1801, 08CJ2407 K

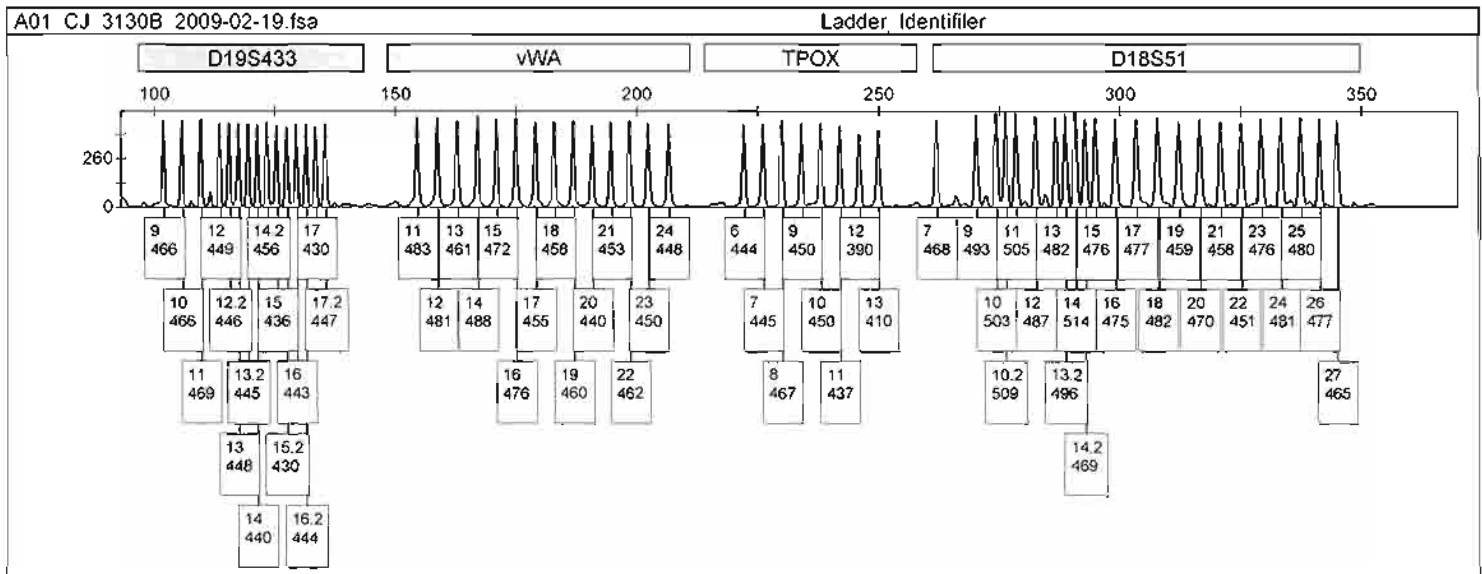
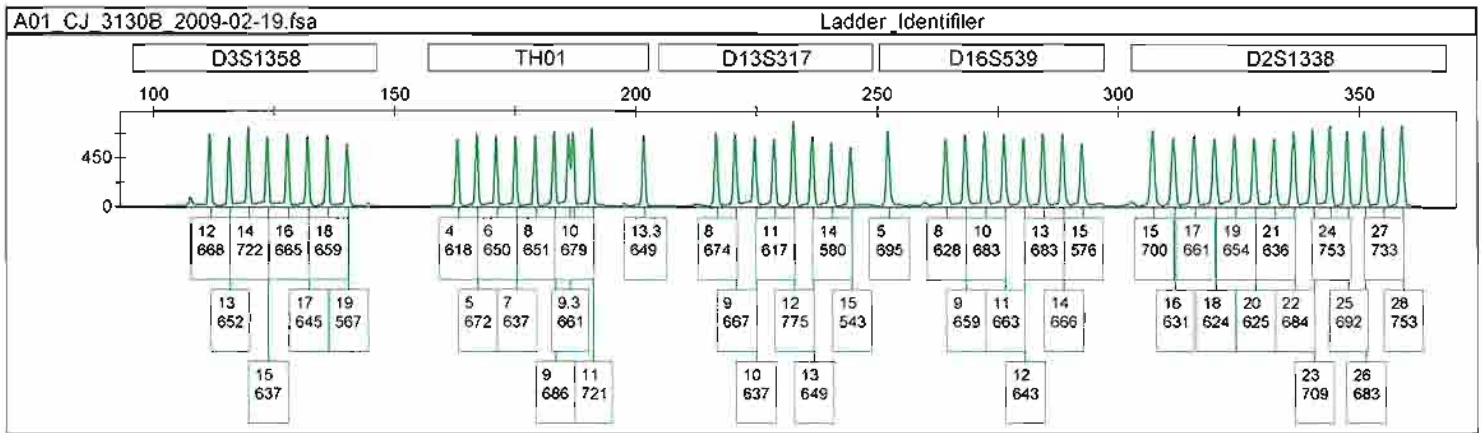
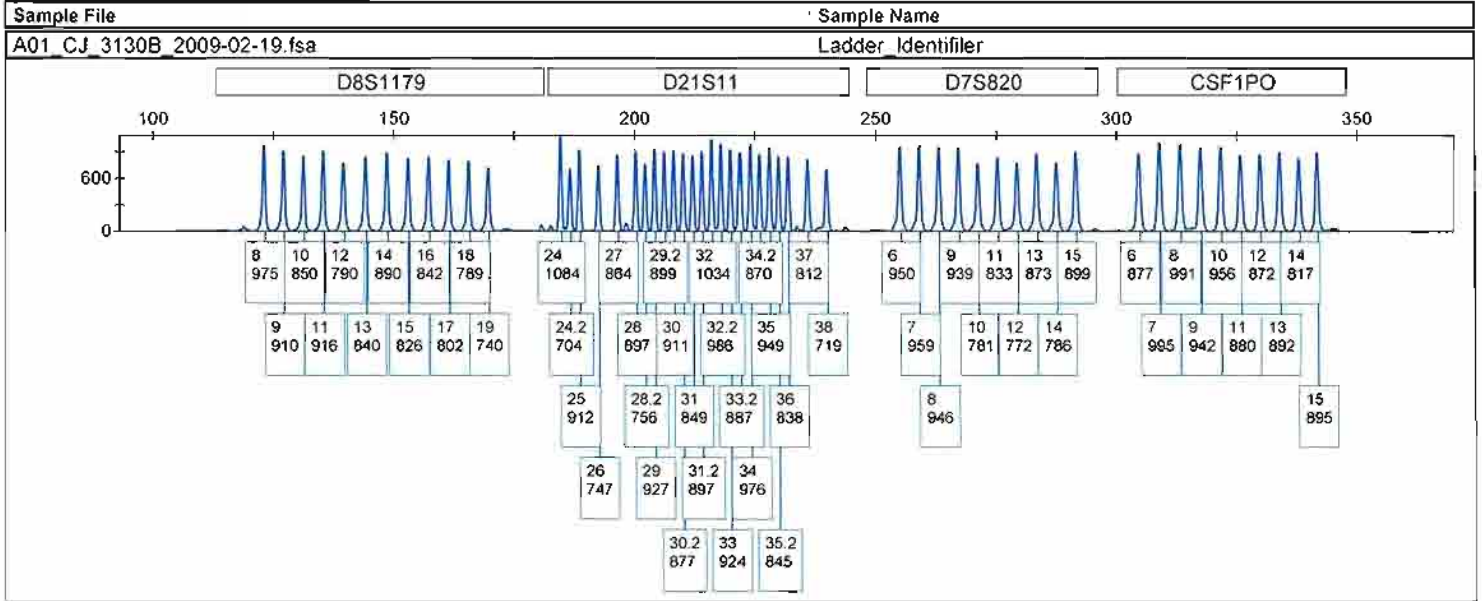


Sample File	Sample Name
G01_CJ_3130B_2009-02-19.fsa	CJ1330 Pos Con Pos Con for 07CJ1801, 08CJ2407 K

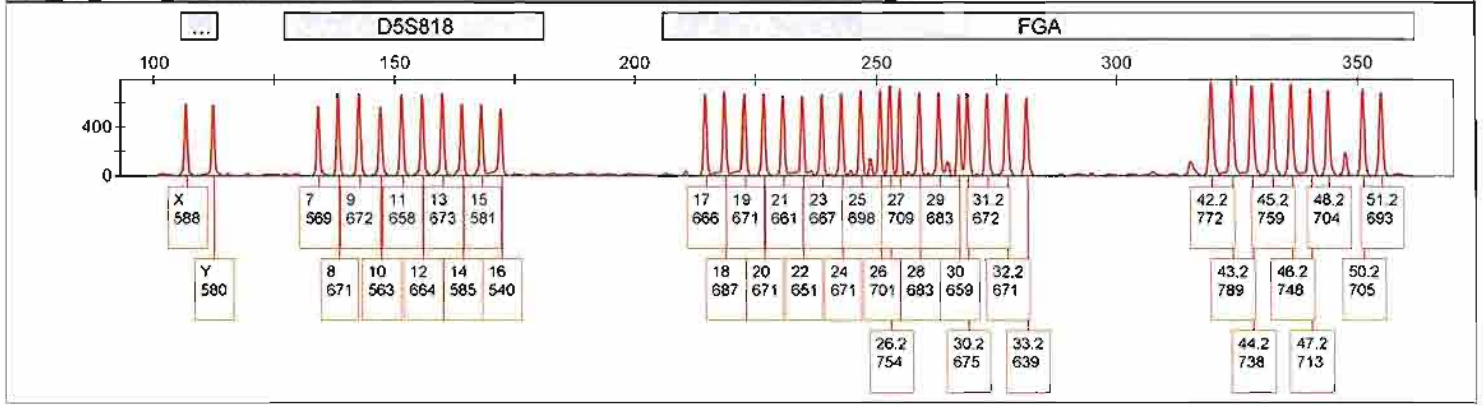




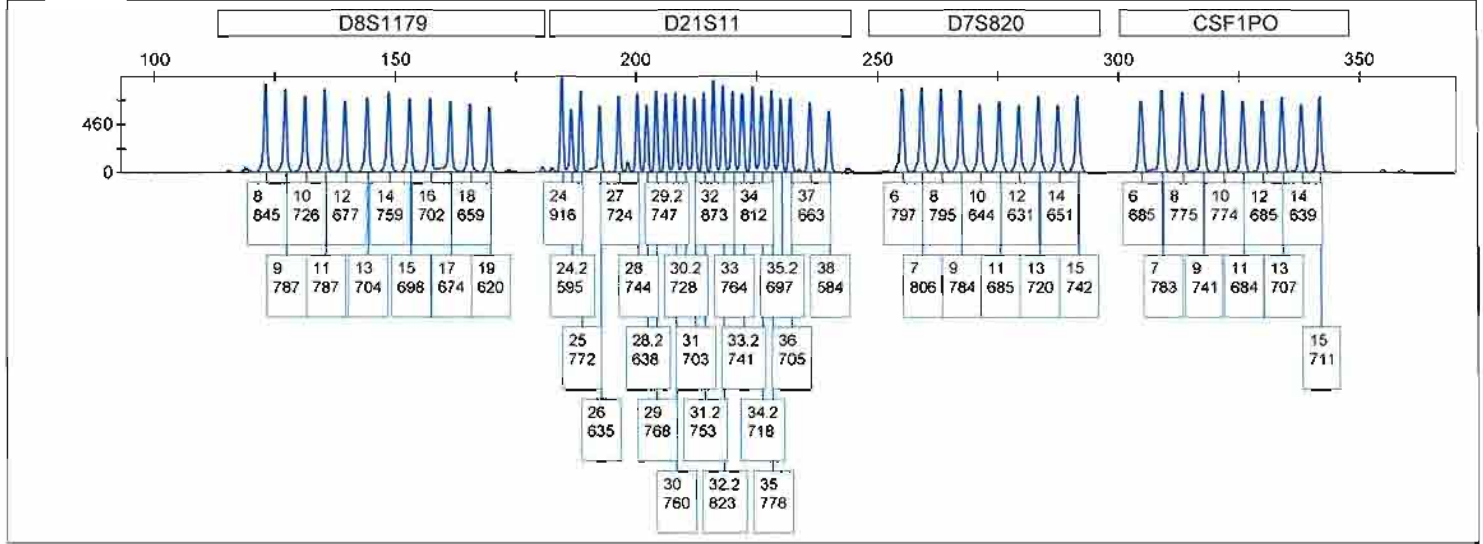
* spike



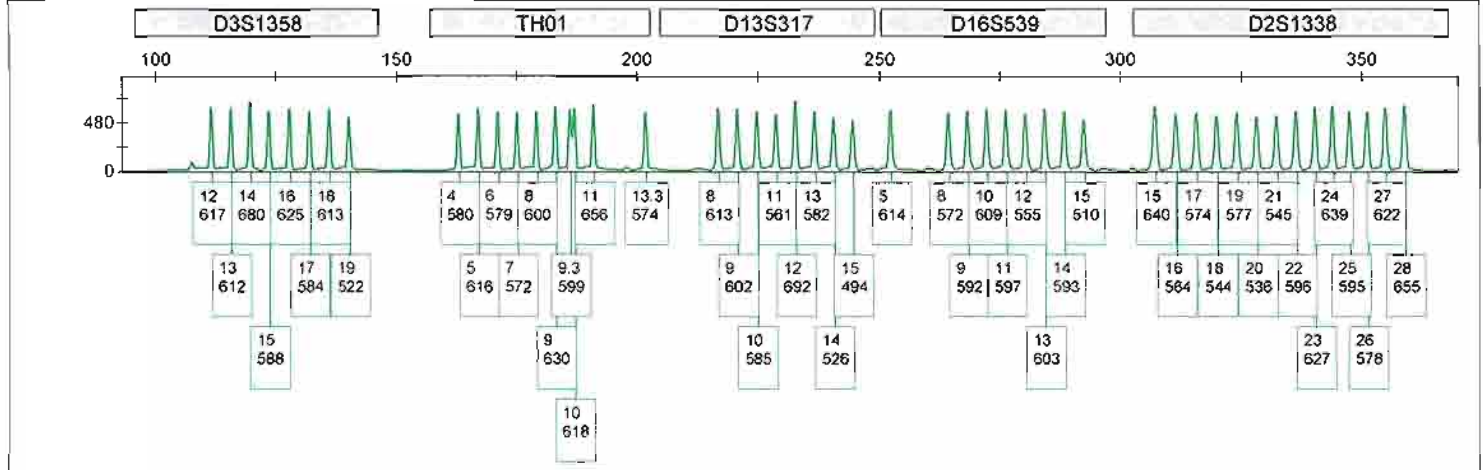
Sample File: A01_CJ_3130B_2009-02-19.fsa Sample Name: Ladder_Identifier

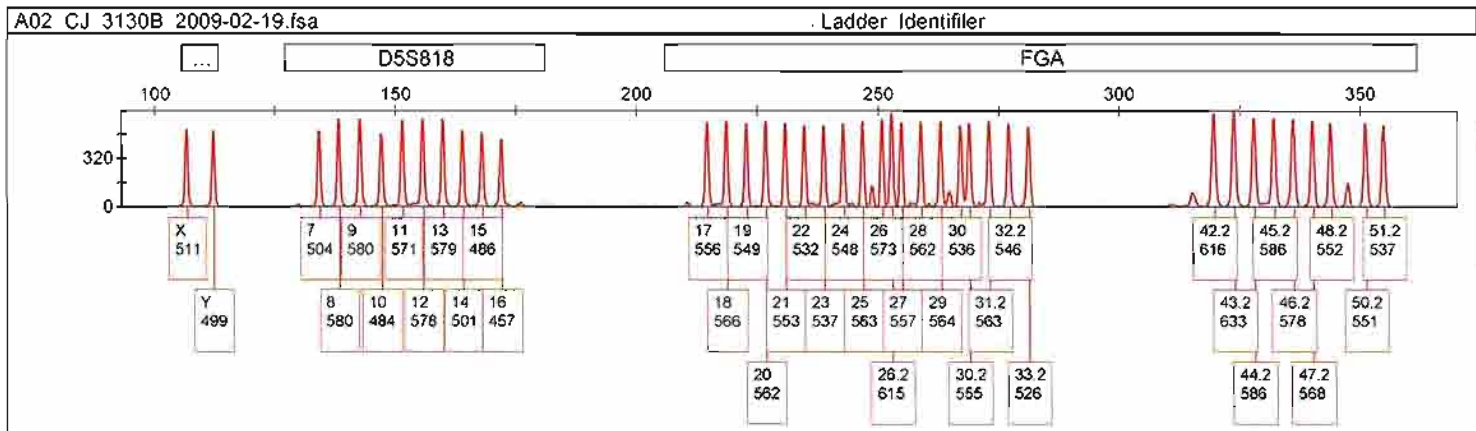
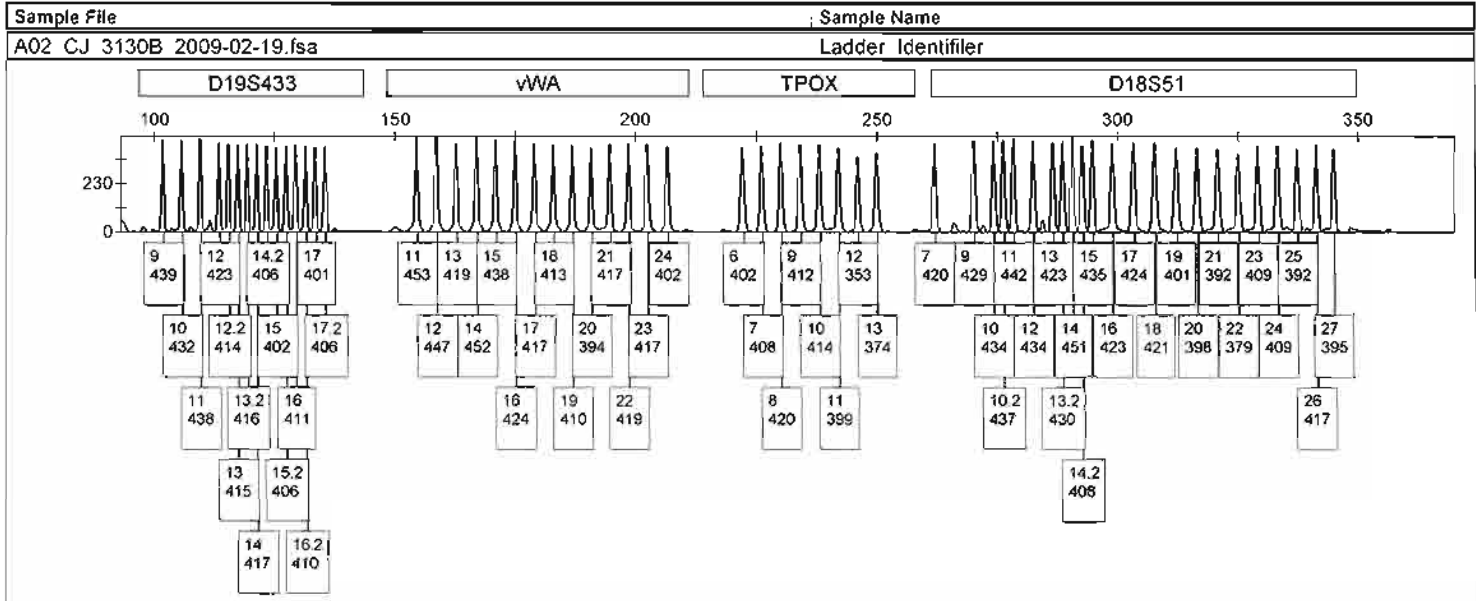


Sample File: A02_CJ_3130B_2009-02-19.fsa Ladder Identifier

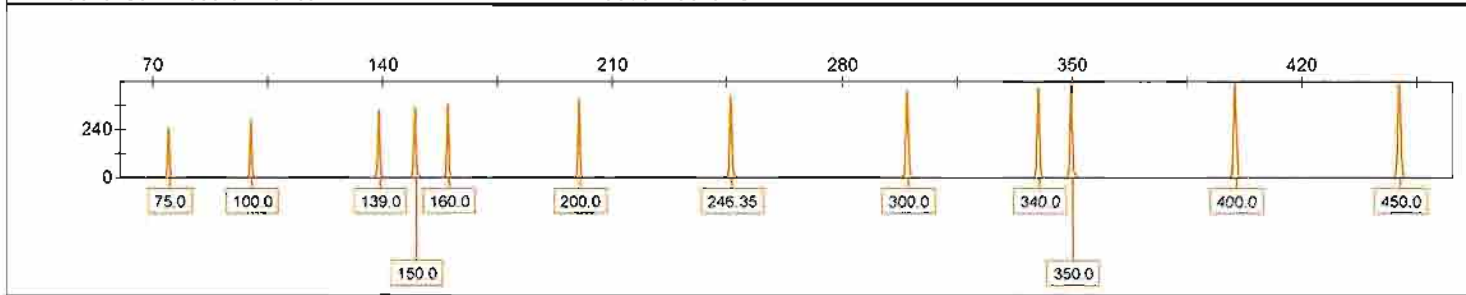


Sample File: A02_CJ_3130B_2009-02-19.fsa Ladder Identifier

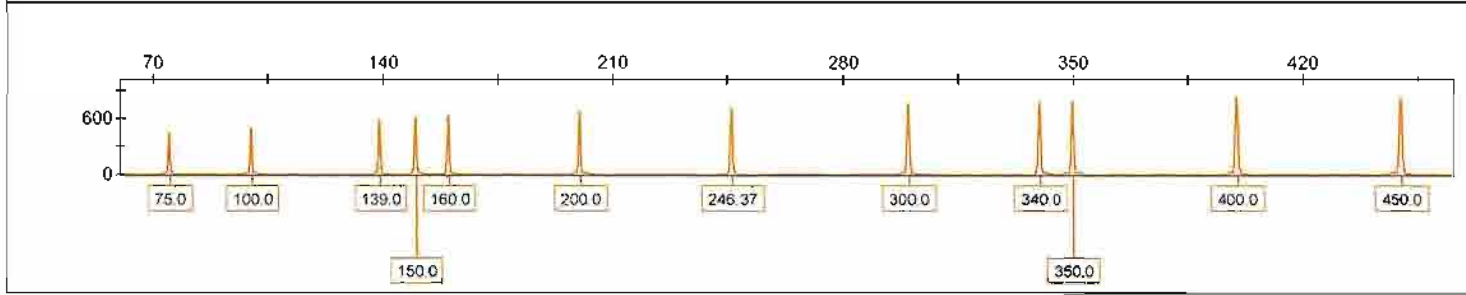




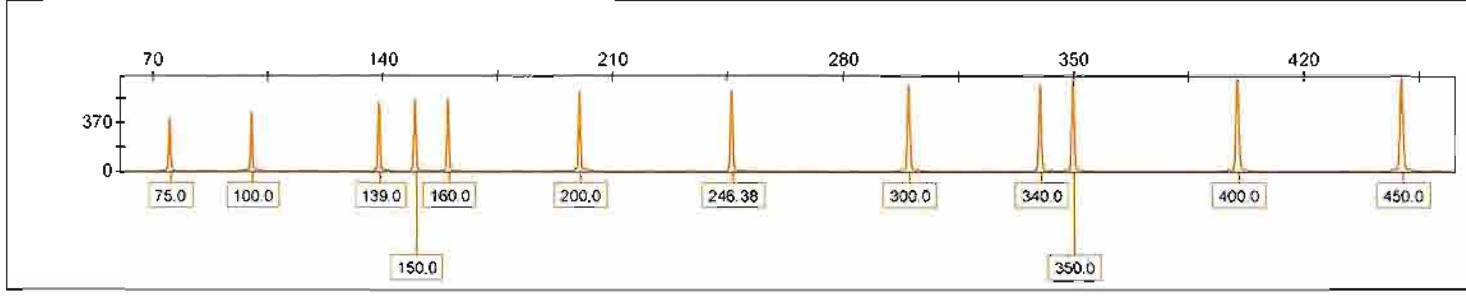
Sample File	Sample Name
A01 CJ 3130B 2009-02-19.fsa	Ladder Identifier



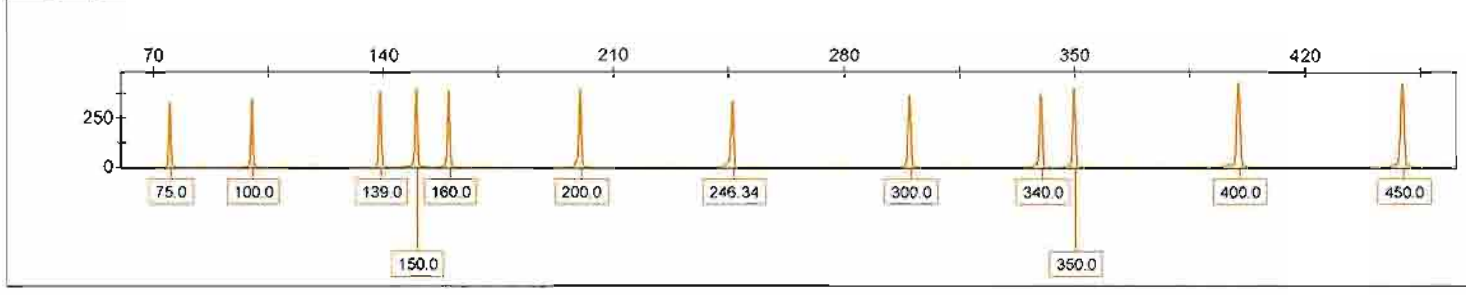
Sample File	Sample Name
B01 CJ 3130B 2009-02-19.fsa	CJ1325 08CJ2407K4 buccal swab of WACKER



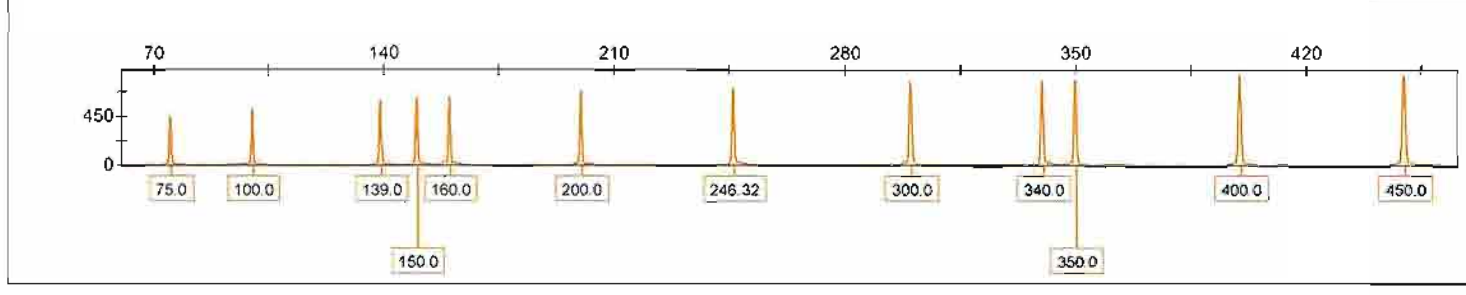
Sample File	Sample Name
E01 CJ 3130B 2009-02-19.fsa	CJ1328 QA164 Blood QA164 for 07CJ1801, 08CJ2407 K



Sample File	Sample Name
F01 CJ 3130B 2009-02-19.fsa	CJ1329 Reag Blank Reag Blank for 07CJ1801, 08CJ2407 K

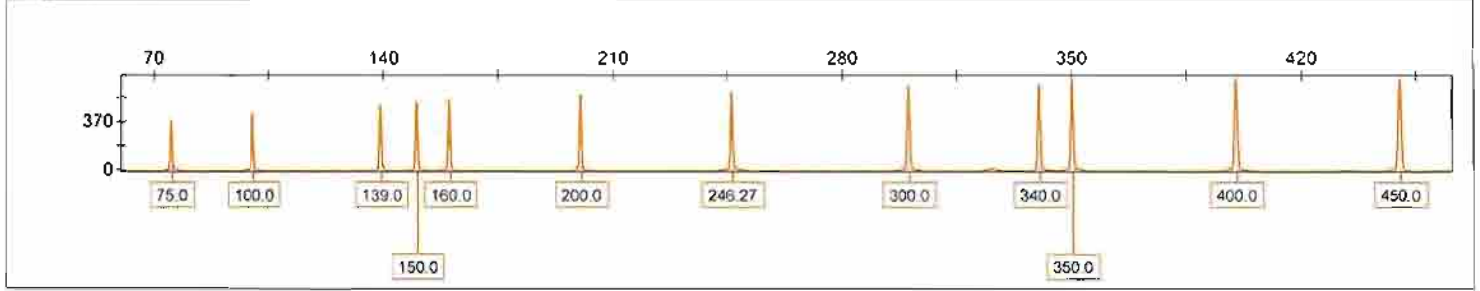


Sample File	Sample Name
G01 CJ 3130B 2009-02-19.fsa	CJ1330 Pos Con Pos Con for 07CJ1801, 08CJ2407 K

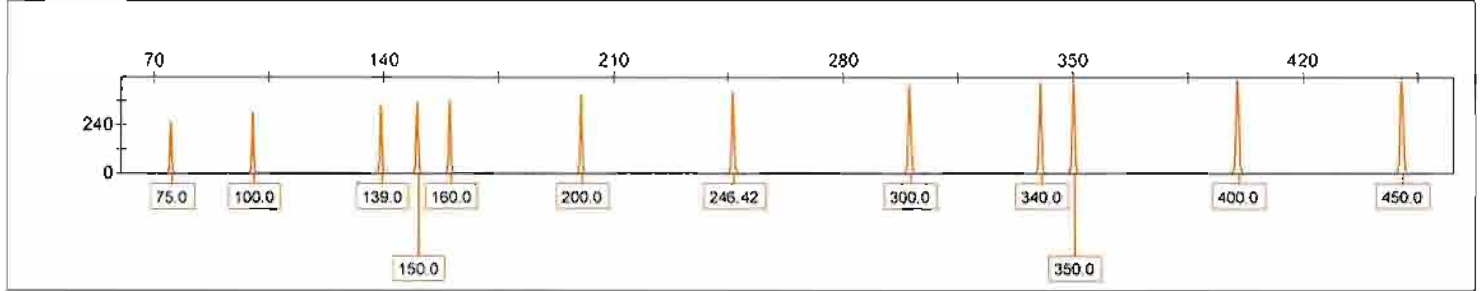


16

Sample File	Sample Name
H01_CJ_3130B_2009-02-19.fsa	CJ1331 Neg_Con Neg_Con for 07CJ1801, 08CJ2407_K



A02_CJ_3130B_2009-02-19.fsa	Ladder Identifier
-----------------------------	-------------------



08-2407 19Feb09.rpt		0885179 021511 075820 CSE110 050538 1101 019537 040536 028138 019600 JWA WOX 01003 Ann 05816 16CA															
Ladders and Controls																	
Sample ID																	
C1326_QA164_Blood_QA164_for_07C11801_06C12407_K_09-02-19-ED1		13	20, 30	11	12	13, 38	7, 8	12, 14	5, 10	18, 23	15, 16	18, 20	6, 11	12, 13	N.Y.	11, 17	20, 22
C1329_Emp_Bank_Img_Bank_for_07C11801_06C12407_K_09-02-19-ED1																	
C1330_Fos_Can_Fos_Can_for_07C11801_06C12407_K_09-02-19-ED1		13	30	10, 11	30, 12	14, 35	8, 9, 3	11	11, 12	18, 20	14, 33	17, 18	8	13	N	13	13, 34
C1331_Img_Can_Img_Can_for_07C11801_06C12407_K_09-02-19-ED1																	
Ladder Identifier 09-02-19-AD1		8, 9, 10	12, 34, 35	6, 7, 8, 9	6, 7, 8, 9, 12, 13, 14	8, 5, 6	8, 8, 10	13, 8, 9, 10	13, 16, 17	8, 10, 11	11, 12, 16, 17, 18, 19	11, 12, 16, 17, 18, 19	8, 9	11, 12, 14, 15, 16, 17, 18	N.Y.	7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18	
Ladder Identifier 09-02-19-AD2		8, 9, 10, 11, 12, 14, 24, 2	6, 7, 8, 9, 6, 7, 8, 9, 12, 13, 14	8, 5, 6	8, 9, 10, 11, 13, 8, 9, 10	13, 16, 17	8, 9, 10, 11, 13, 8, 9, 10	13, 16, 17	8, 10, 11	11, 12, 16, 17, 18, 19	11, 12, 16, 17, 18, 19	8, 9	11, 12, 14, 15, 16, 17, 18	N.Y.	7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18		

Ladders, Controls and QA, Profiles are within established parameters
Exclude Ladders, Controls and QA, Profiles



08-2407-21

CE Record	CF_3130B_2009-02-19	Run Date	19-Feb-09
1	Identifier Ladder	11	12
A	Identifier Ladder		
B	C1325 Identifier *		
C	C1326 Identifier *		
D	C1327 Identifier *		
E	C1328 Identifier *		
F	C1329 Identifier *		
G	C1330 Identifier *		
H	C1331 Identifier *		

0.5ul sample
1ul ladders

* = 1055C, ** = 1455C
Identifier
Buffer
Formamide
Int Size Std
Ladder
Polymer
3130B Array

1804292
0805713
0804086
0804012
0811024
2062000

cej
Christie Johnson

08-2407-R1

Amp Record	Sample ID	Description	Total ul	(DII) ng Amp	Exp ul	Run Date	System	Quant ng / ul
CH125	08C12407K4	Biological swab of WACBER	10	(1+20) 2.4	2.5	7.5	Identifiable	30.337
CH126	08C11801K3	Biological swab of Ismael MOVAR	10	(1+26) 2.4	2.5	7.5	Identifiable	7.946
CH127	08C11801K4	Biological swab of Angelica MOVAK	10	(1+13) 2.4	2.5	7.5	Identifiable	13.343
CH128	08C11801	Blood QA (104 for 08C11801, 08C12407 K)	10	2.04	0	0	Identifiable	0.204
CH129	Blank Blank	Blank Blank for 08C11801, 08C12407 K	10	0	0	0	Identifiable	0
CH130	Pos Con	Pos Con for 08C11801, 08C12407 K	10	1	1.0	0	Identifiable	0
CH131	Elim Con	Elim Con for 08C11801, 08C12407 K	10	0	0	1.0	Identifiable	0

Master Mix	Master Mix
0.8241.50 - 10A	73.5 ul
08.0750.80 - 10B	38.5 ul
KP0.183 - 10C/A	3.5 ul
08.04.051 - 10D	
TE 0.6 - 004	
Thermal Cycler	4

7 Identifier samples adjusted for double-Amps

CH
Christa Johnson

082407-A1

Quant Record		CJ_HU_2009-02-18_Desc.tbl								Total Human Template		
1	2	3	4	5	6	7	8	9	10	Run Date	11	12
A	50 ng/ul std., 50	CJ1335; 20.197										
B	16.7 ng/ul std., 16.7	CJ1326; 27.949										
C	5.96 ng/ul std., 5.56	CJ1327; 13.163										
D	1.85 ng/ul std., 1.85	CJ1328; 0.204										
E	.62 ng/ul std., 0.62	CJ1329; 0										
F	.21 ng/ul std., 0.21											
G	.068 ng/uL std., 0.068											
H	.023 ng/uL std., 0.023											

	Human Quant	Master Mix
Rot Mix	0808046	287.5 ul
Primer Mix	0810044	241.5 ul
Size Std	0810103	
7900	B	
Slope	-3.0614335	The slope value is within the allowed range
R ²	0.9940931	The R ² value is within the allowed range
Y Intercept	29.659028	

Cof

08-2407-RI

Extraction Record		Date
Start Date / Time:	17 Feb 09 6:35pm	18-Feb-2009
End Date / Time:	18 Feb 09 10:25 am	
Non-Differential:	17 Feb 09 6:35pm 18 Feb 09 9:10am	Temp
		56°C

Log #	Sample ID	Description
CJ1325	08CJ2407K4	buccal swab of WACKER
CJ1326	07CJ1801K3	buccal swab of Justin NOVAK
CJ1327	07CJ1801K4	buccal swab of Angelica NOVAK
CJ1328	QA164	Blood QA164 for 07CJ1801, 08CJ2407 K
CJ1329	Reag Blank	Reag Blank for 07CJ1801, 08CJ2407 K.

Digest Buffer	DB-08-006
DTT	n/a
Phenol	0218B242
PCI	0298B247
Pro K	PK-09-001
Na Perc	SP-08-002
TE Buffer	TE-08-004

987
Christie Johnson

Log#	Sample ID	Description	Comments
CJ1325	08CJ2407K4	buccal swab of WACKER	
CJ1328	QA164	Blood QA164 for 07CJ1801, 08CJ2407 K	
CJ1329	Reag Blank	Reag Blank for 07CJ1801, 08CJ2407 K	
CJ1330	Pos Con	Pos Con for 07CJ1801, 08CJ2407 K	
CJ1331	Neg Con	Neg Con for 07CJ1801, 08CJ2407 K	

CBJ



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DEPARTMENT OF THE ARMY
US ARMY CRIMINAL INVESTIGATION LABORATORY
4930 N 31ST STREET
FOREST PARK, GA 30297-5205

CILA-DNA

26 February 2009

MEMORANDUM FOR EVIDENCE CUSTODIAN, NCISRA MIRAMAR CA, BOX
452138, SAN DIEGO, CA 92145

SUBJECT: DNA Branch - Final Report
USACIL Case Number 2008-CID131-2407-R1
Submitter Case Number 12JUN08-MWMM-0025-8FMA

EXHIBITS:

- 1-3 - Previously submitted. Not resubmitted.
- 4 - Buccal swab of WACKER and control swab (Item A, Log 053-09).

FINDINGS:

1. This report should be cross-referenced with the USACIL DNA Branch Final Report dated 15 January 2009.
2. DNA (deoxyribonucleic acid) was extracted from the buccal swab of WACKER. No examinations were performed on the control swab.
3. DNA profiles were obtained using PCR (polymerase chain reaction) technology on the fifteen STR (short tandem repeat) loci D8S1179, D21S11, D7S820, CSF1PO, D3S1358, TH01, D13S317, D16S539, D2S1338, D19S433, vWA, TPOX, D18S51, D5S818, FGA, and the gender identification locus Amelogenin.
4. The semen DNA profile obtained from the crotch of the shorts (Exhibit 1.1) matches the DNA profile obtained from WACKER. The frequency of occurrence of this profile among unrelated



AN ASCLD/LAB ACCREDITED LABORATORY (SINCE 1985)

*TRZ-DMP
27 Feb 09*

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1 of 2

CBJ

*AR 27 Feb 09
KQ*

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CILA-DNA

SUBJECT: DNA Branch - Final Report

USACIL Case Number 2008-CID131-2407-R1

Submitter Case Number 12JUN08-MWMM-0025-8FMA

individuals selected at random from the U.S. population is estimated to be:

Caucasian	1 in 22 quintillion
Black	1 in 900 quintillion
Hispanic	1 in 37 quintillion.

5. The above listed exhibit will be returned to the submitting agency upon the completion of laboratory testing.

6. This report was completed at or near the time of forensic examination(s) and prepared in the ordinary course of business by the person identified below. This report was made by the regularly conducted activity as a regular practice of the United States Army Criminal Investigation Laboratory. The point of contact is Christie.johnson3@us.army.mil, Commercial 404-469-4772 and DSN 797-4772.



CHRISTIE B. JOHNSON
Forensic DNA Examiner

AR 27 Feb 09
KW

TR-AMP
27-Feb-09



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DEPARTMENT OF THE ARMY
US ARMY CRIMINAL INVESTIGATION LABORATORY
4930 N 31ST STREET
FOREST PARK, GA 30297-5205

CILA-DNA

Review

26 February 2009

MEMORANDUM FOR EVIDENCE CUSTODIAN, NCISRA MIRAMAR CA, BOX
452138, SAN DIEGO, CA 92145

SUBJECT: DNA Branch - Final Report
USACIL Case Number 2008-CID131-2407-R1 ✓
Submitter Case Number 12JUN08-MWMM-0025-8FMA ✓

EXHIBITS:

- 1-3 - Previously submitted. Not resubmitted. ✓
- 4 - Buccal swab of WACKER and control swab (Item A, Log 053-✓
09).

FINDINGS:

- ✓ 1. This report should be cross-referenced with the USACIL DNA Branch Final Report dated 15 January 2009. ✓
- ✓ 2. DNA (deoxyribonucleic acid) was extracted from the buccal swab of WACKER.
- ✓ 3. DNA profiles were obtained using PCR (polymerase chain reaction) technology on the fifteen STR (short tandem repeat) loci D8S1179, D21S11, D7S820, CSF1PO, D3S1358, TH01, D13S317, D16S539, D2S1338, D19S433, vWA, TPOX, D18S51, D5S818, FGA, and the gender identification locus Amelogenin.
- 4. The semen DNA profile obtained from the crotch of the shorts (Exhibit 1.1) matches the DNA profile obtained from WACKER. The frequency of occurrence of this profile among unrelated individuals selected at random from the U.S. population is estimated to be:



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1 of 2

OSJ

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CILA-DNA

SUBJECT: DNA Branch - Final Report
USACIL Case Number 2008-CID131-2407-R1
Submitter Case Number 12JUN08-MWMM-0025-8FMA

Caucasian	1 in 22 quintillion	✓
Black	1 in 900 quintillion	✓
Hispanic	1 in 37 quintillion	✓

✓ 5. The above listed exhibit will be returned to the submitting agency upon the completion of laboratory testing.

✓ 6. This report was completed at or near the time of forensic examination(s) and prepared in the ordinary course of business by the person identified below. This report was made by the regularly conducted activity as a regular practice of the United States Army Criminal Investigation Laboratory. The point of contact is Christie.johnson3@us.army.mil, Commercial 404-469-4772 and DSN 797-4772.

CHRISTIE B. JOHNSON
Forensic DNA Examiner

CSJ

Serology Technical Review (TR) - v. 4 Mar 08

Case Number 08-2407-R1 Examiner CBJ Report Date 26 Feb 09
Reviewer psl Review Date 27 Feb 09 (initial & date upon completion)

[1] Garries notification, by Case Examiner:

Garries Notification was Applicable ~~(Not Applicable)~~

Examiner's initials CBJ

Date of Notification _____
(if applicable)

[2] Case notes review. For each item of evidence:

- Notes indicate either the amount of sample consumed or remaining on or with each item of evidence, or Garries notification
- A written description, diagram or image as appropriate present. Locations of stains are indicated.
- Images are present on CD (if applicable)
- The source (Suspect, Victim, Crime Scene, Document and Voucher number(s)) noted if available
- Appropriate presumptive and confirmatory tests for each area were performed
- Correct results were obtained for presumptive and confirmatory test controls used.
- A notation present of which areas / stains are for DNA testing
- Appropriate reference standards were requested if they were not submitted.
- The abbreviation list is present.
- Appropriate exhibits were chosen for DNA testing.

[3] Review of the report

The Laboratory Examination Requests and case synopsis were evaluated during TR to verify:

- All exhibits with Serology / DNA Submitter examination requests are in the evidence listing, and addressed in the body of the report.
- The appropriate examinations were conducted.
- Annotation of returning swabs/cuttings/hairs (when applicable)
- Conclusions in the Report are supported by the Findings

[4] Comments

For Internal Use Only:

Exhibits Examined 1

Serology Exams 1

DNA: Yes / No

000438

LABORATORY NOTES

INVENTORY OF EXHIBITS

Received From	D Hill	Date Received	5 Feb 09
Delivery Method	Fed Ex		
Package Type	ENV		
Mail Tracking Number	796288229552		
Internal Control Number	1-359		
Package Number	1 of 1		

Exh.	Doc. #	Item #	Pkg #	Packaging	Description
4	053-09	A	1	As bpb	Buccal swab of WACKER & control swab

Notes:

USACIL CASE # 08-2407-R | CONTRIBUTOR # 12JUN08-MWMM-0025-SFMA

LABORATORY NOTES

Ex. 4 : r+s bpb labeled "oral swab.. WACKER." c
- 2 swab cartons; 1 marked "control" w/ 1 swab - not tested - f
1 marked "oral" w/ 1 swab
- ~1/2 of swab → DNA

USACIL CASE # 08.2407-R1

Johnson, C. Date: 17 Feb 09
U.S. v Capt Wacker

Abbreviations List

~	approximately		
-	negative	# r	red top
+	positive	rbc	red blood cells
ø	negative	Rbs	reddish brown stains
AFDIL	Armed Forces DNA Identification Laboratory	Reg mail	registered mail
ALS	alternate light source	R1	reinject
AP	acid phosphatase	rts or rets	red evidence tape sealed
art	artifact	s	sealed
bsc	blood stain card	(S)	suspect
bts	brown tape sealed	SAECK	Sexual Assault Evidence Collection Kit
bpb	brown paper bag	SCRCNI	sealed container received, contents not inventoried
ç	containing	söpb	sealed brown paper bag
CBJ or CJ	Christie B. Johnson	sme	sealed manila envelope
cig	cigarette	sp	spike
Co	Cofiler	splb	sealed plastic bag
CRCNI	container received, contents not inventoried	st	stutter
ctl	control	sve	service
DNA	deoxyribonucleic acid	sw box	sealed white box
dk	dark	swe	sealed white envelope
env	envelope	TC	thermal cycler
ets	evidence tape sealed	TE	Trace Evidence branch
Ex	exhibit	TL	tape lift(s)
GM	GeneMapper	ts	tape sealed
Gets	green evidence tape sealed	ul	microliter
gs	general swabbing	us	unsealed
h	head(s)	V	very
hs	heat sealed	(v)	victim
H2O	water	w	white
Hr	hour	w/	with
Id or ID	Identifier	wk	weak
lt	light	wpb	white paper bag
med	medium	# y	yellow top
MFR	memorandum for record	zb	ziploc bag
Micro	microscopic		
Min	minute		
mL	milliliter		
n/a	not applicable		
Na perc	sodium perchlorate		
Neg	negative		
OL	off ladder		
ola	off ladder allele		
Orbs	obvious reddish brown stains		
# p	purple top		
pi	partially intact		
PBS	Phosphate buffered saline		
PCR	polymerase chain reaction		
Pha	Phadegas		
pkgd	packaged		
pl	plastic		
Pos	positive		
poss	possible		
PP	Profiler Plus		
pu	pull up		
Q.H.	questioned hair		
QNS	quantity not sufficient		

Case: 08.2407-R1

Initials: CBX

Date: 25 Feb 09

USACIL DNA BRANCH
CASE FILE REVIEW FORM

Date 5 Feb 09 Initials CBJ

USACIL Case No. 08-2407-R1

Agency Case No. 12JUN08-MWMM-0025-85MA

Case Type rape

Agent/Contact information SA Burge

Date Contacted 5 Feb 09

Summary of discussion:

See email

All Evidence Received? Yes No

Evidence still needed:

Evidence Testing Priority List:

Ex. 4

Is this a multi-Branch case? Yes No

Which Branch(es)? _____

Date Branch(es) notified: _____

Comments: