

Laboratory Notes - Images



USACIL case # 08.2407

CD Contents:

- fsa files 12 Jan 09, 13 Jan 09
- GM table(s) 12 Jan 09, 13 Jan 09
- Photos _____

CJ

Christie Johnson

1/13/2009

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Case Number 08-2407
 Reviewer DNL

Examiner CBJ
 Review Date 20 Jan 09

Report Date 15 Jan 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 type="checkbox"/> N/A Frequency Page(s) (expanded view)
<input checked="" type="checkbox"/> Microcon Concentration Sheet(s)	<input type="checkbox"/> N/A 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 checked="" 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"/> N/A 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 type="checkbox"/> N/A 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 checked="" type="checkbox"/> Unknown profiles were checked against the staff database.

[5] Frequency Calculation Sheet

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

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

[8] Comments

1 of 49
(also includes p.4a)

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

Case Number 08.2407

Examiner CBJ

Report Date 15 Jan 09

Reviewer RLD

Review Date 21 Jan 09

(initial & date upon completion)

+22 Jan 09

[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 initialed.
- 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 initialed.

[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).
- 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:

086-2407 12Jan09.txt_ 086-2407 13Jan09.txt

TR CBJ 08-2047 12 Jan 09 DMI.txt_ TR CBJ 08-2047 13 Jan 09 DMI.txt

Sample ID	D6551179	D211511	D75820	CSFIPO	D351358	TH01	D135317	D165539	D251338	D195433	vWA	TPOX	D18S51	Amel	D5S818	FGA
C1291.1_08CJ2407Q1.1-10F1_crotch_of_shorts_from_BROODER_area_10F1_09-01-12-F01	28,31	28,31	8,10	11,13	14,17	9	11,13	9,12	18,24	13,2,14	18	9,11	13,18	X	12,13	20,24
C1291.1_08CJ2407Q1.1-10F1_crotch_of_shorts_from_BROODER_area_10F1_09-01-12-F01	28,31	28,31	8,10	11,13	14,17	9	11,13	9,12	18,24	13,2,14	18	9,11	13,18	X	12,13	20,24
C1291.2_08CJ2407Q1.1-10F2_crotch_of_shorts_from_BROODER_area_10F2_09-01-12-G01	29,31,2	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
C1291.2_08CJ2407Q1.1-10F2_crotch_of_shorts_from_BROODER_area_10F2_09-01-12-G01	29,31,2	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
C1291.3_08CJ2407Q1.1-10F3_crotch_of_shorts_from_BROODER_area_10F3_09-01-12-H01	28,29,31,2	28,29,31,2	11	11,12	14,15	6,9	9,13	9,11,12,13	22,25	14,15	17	8,9	13,17	X,Y	12,13	19,24
C1291.3_08CJ2407Q1.1-10F3_crotch_of_shorts_from_BROODER_area_10F3_09-01-12-H01	28,29,31,2	28,29,31,2	11	11,12	14,15	6,9	9,13	9,11,12,13	22,25	14,15	17	8,9	13,17	X,Y	12,13	19,24
C1292.1_08CJ2407Q1.2-16F1_crotch_of_jeans_from_BROODER_area_16F1_09-01-12-A02	28,31	28,31	8,10	11,13	14,17	9	11,13	9,12	18,24	13,2,14	18	9,11	13,18	X	12,13	20,24
C1292.1_08CJ2407Q1.2-16F1_crotch_of_jeans_from_BROODER_area_16F1_09-01-12-A02	28,31	28,31	8,10	11,13	14,17	9	11,13	9,12	18,24	13,2,14	18	9,11	13,18	X	12,13	20,24
C1292.3_08CJ2407Q1.2-16F3_crotch_of_jeans_from_BROODER_area_16F3_09-01-12-B02	28,31	28,31	8	13	14,17	9	9,12	9,12	18	13,2,14	17,18	9,11	X	12,13		
C1292.3_08CJ2407Q1.2-16F3_crotch_of_jeans_from_BROODER_area_16F3_09-01-12-B02	28,31	28,31	8	13	14,17	9	9,12	9,12	18	13,2,14	17,18	9,11	X	12,13		
C1299.3_08CJ2407Q1.2-16F3_crotch_of_jeans_from_BROODER_area_16F3_09-01-13-C02	28,31	28,31	8,10	11,13	14,15,17	9	9,12	9,12	18,24	13,2,14	17,18	9,11	13	X	12,13	
C1299.3_08CJ2407Q1.2-16F3_crotch_of_jeans_from_BROODER_area_16F3_09-01-13-C02	28,31	28,31	8,10	11,13	14,15,17	9	9,12	9,12	18,24	13,2,14	17,18	9,11	13	X	12,13	
C1294.1_QA002F1_Semen_QA002F1_for_08CJ2314_2nd_ext_08CJ2407_08CJ2067_2nd_ext_09-01-12-F02	29,30,2	29,30,2	10,11	10,11	15,16	6	11	11,12	16,19	13,14	14,18	11,11	14,15	X,Y	12,13	22,26
C1294.1_QA002F1_Semen_QA002F1_for_08CJ2314_2nd_ext_08CJ2407_08CJ2067_2nd_ext_09-01-12-F02	29,30,2	29,30,2	10,11	10,11	15,16	6	11	11,12	16,19	13,14	14,18	11,11	14,15	X,Y	12,13	22,26
C1294.2_QA002F2_Semen_QA002F2_for_08CJ2314_2nd_ext_08CJ2407_08CJ2067_2nd_ext_09-01-12-G02	29,30,2	29,30,2	10,11	10,11	15,16	6	11	11,12	16,19	13,14	14,18	11,11	14,15	X,Y	12,13	22,26
C1294.2_QA002F2_Semen_QA002F2_for_08CJ2314_2nd_ext_08CJ2407_08CJ2067_2nd_ext_09-01-12-G02	29,30,2	29,30,2	10,11	10,11	15,16	6	11	11,12	16,19	13,14	14,18	11,11	14,15	X,Y	12,13	22,26
C1295.1_08CJ2407K2_buccal_swabs_of_BROODER_09-01-12-C03																
C1295.1_08CJ2407K2_buccal_swabs_of_BROODER_09-01-12-C03																
C1295.1_Reg_BlankF1_for_08CJ2314_2nd_ext_08CJ2407_08CJ2067_2nd_ext_09-01-12-F02																
C1295.1_Reg_BlankF1_for_08CJ2314_2nd_ext_08CJ2407_08CJ2067_2nd_ext_09-01-12-F02																
C1295.2_Reg_BlankF2_for_08CJ2314_2nd_ext_08CJ2407_08CJ2067_2nd_ext_09-01-12-A03																
C1295.2_Reg_BlankF2_for_08CJ2314_2nd_ext_08CJ2407_08CJ2067_2nd_ext_09-01-12-A03																
C1296_08CJ2407K2_buccal_swabs_of_BROODER_09-01-12-C03																
C1296_08CJ2407K2_buccal_swabs_of_BROODER_09-01-12-C03																
C1297_08CJ2407K3_buccal_swabs_of_EASLEY_09-01-12-D03																
C1297_08CJ2407K3_buccal_swabs_of_EASLEY_09-01-12-D03																
C1298_QA164_Blood_QA164_for_08CJ2407_09-01-12-E03																
C1298_QA164_Blood_QA164_for_08CJ2407_09-01-12-E03																
C1299_Reg_Blank_Reg_Blank_for_08CJ2407_09-01-12-F03																
C1299_Reg_Blank_Reg_Blank_for_08CJ2407_09-01-12-F03																
C1300_Pos_Con_Pos_Con_for_08CJ2314_2nd_ext_08CJ2067_2nd_ext_08CJ2407_09-01-12-G03																
C1300_Pos_Con_Pos_Con_for_08CJ2314_2nd_ext_08CJ2067_2nd_ext_08CJ2407_09-01-12-G03																
C1301_Neg_Con_Neg_Con_for_08CJ2314_2nd_ext_08CJ2067_2nd_ext_08CJ2407_09-01-12-H03																
C1301_Neg_Con_Neg_Con_for_08CJ2314_2nd_ext_08CJ2067_2nd_ext_08CJ2407_09-01-12-H03																
Ladder_Identifier_09-01-12-A01																
Ladder_Identifier_09-01-12-A01																
Ladder_Identifier_09-01-12-B03																
Ladder_Identifier_09-01-12-B03																
Ladder_Identifier_09-01-12-C04																
Ladder_Identifier_09-01-12-C04																
Ladder_Identifier_09-01-13-D02																
Ladder_Identifier_09-01-13-D02																

Analyst: Data matches Review: Data

Analyst: Data does not match Review: Data

000359

Handwritten signatures and initials: w, [signature], [initials]

Sample ID	13	28, 31	8, 10	11, 13	14, 17	19	11, 13	9, 12	18, 24	13, 2, 14	18	9, 11	13, 18	X	12, 13	20, 24
08-240712lan09.txt_08-240713lan09.txt																
REFERENCE FOR MATCH: C11296_08CJ2407K2_buccal_swabs_of_BROODER_09-01-12-C03																
D8S1179	D21S11	D7S820	CSF1PO	D3S1358	TH01	D15S317	D16S539	D2S1338	VWA	TPOX	D18S51	AmeI	D5S818	FGA		
C1291.1_08CJ2407Q1.1-10F1_crotch_of_shorts_from_BROODER_area_10F1_09-01-12-F01	28, 31	8, 10	11, 13	14, 17	9	11, 13	9, 12	18, 24	13, 2, 14	18	9, 11	13, 18	X	X	12, 13	20, 24
C1291.2_08CJ2407Q1.1-10F2_crotch_of_shorts_from_BROODER_area_10F2_09-01-12-G01	29, 31, 2	11	12	14, 15	6, 9	9, 13	11, 13	22, 25	14, 15	17	8, 9	13, 17	X, Y	X, Y	12, 13	19, 24
C1291.3_08CJ2407Q1.1-10F3_crotch_of_shorts_from_BROODER_area_10F3_09-01-12-H01	28, 29, 31, 2	11	11, 12	14, 15	6, 9	9, 13	9, 11, 12, 13	22, 25	14, 15	17	8, 9	13, 17	X, Y	X, Y	12, 13	19, 24
C1292.1_08CJ2407Q1.2-16F1_crotch_of_jeans_from_BROODER_area_16F1_09-01-12-A02	28, 31	8, 10	11, 13	14, 17	9	11, 13	9, 12	18, 24	13, 2, 14	18	9, 11	13, 18	X	X	12, 13	20, 24
C1292.3_08CJ2407Q1.2-16F3_crotch_of_jeans_from_BROODER_area_16F3_09-01-12-B02	28, 31	8	13	14, 17	9		9, 12	18	13, 2, 14	17, 18	9, 11		X	X	12, 13	
C1292.3_08CJ2407Q1.2-16F3_crotch_of_jeans_from_BROODER_area_16F3_09-01-12-C02	28, 31	8, 10	11, 13	14, 15, 17	9		9, 12	18, 24	13, 2, 14	17, 18	9, 11		X	X	12, 13	
C11296_08CJ2407K2_buccal_swabs_of_BROODER_09-01-12-C03	28, 31	8, 10	11, 13	14, 17	9	11, 13	9, 12	18, 24	13, 2, 14	18	9, 11	13, 18	X	X	12, 13	20, 24
C1297_08CJ2407K3_buccal_swabs_of_EASLEY_09-01-12-D03	31, 2, 32, 2	11	9, 11	15, 18	7, 9	10, 11	11	17, 23	13, 2, 14	16, 18	8, 10	11, 16	X	X	11, 13	22, 25

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

000360

CP

Sample ID	12, 13	31, 2, 32, 2	11	9, 11	15, 18	7, 9	10, 11	11	17, 23	13, 2, 14	16, 18	8, 10	11, 16	X	11, 13	22, 25
08-2407 12Jan09.txt_08-2407 13Jan09.txt																
REFERENCE FOR MATC:tr. Cj1297_08Cj2407K3_buccal_swabs_of_EASLEY_09-01-12-D03																
D851179	D21S11	D75820	CSFIPO	D351358	TH01	D135317	D165539	D251338	D195433	vWA	TPOX	D18S51	Amel	D5S818	FGA	
Cj1291.1_08Cj2407Q1.1-10F1_crotch_of_shorts_from_BROODER_area_10F1_09-01-12-F01	13	28, 31	8, 10	11, 13	14, 17	9	11, 13	18, 24	13, 2, 14	18	9, 11	13, 18	X	12, 13	20, 24	
Cj1291.2_08Cj2407Q1.1-10F2_crotch_of_shorts_from_BROODER_area_10F2_09-01-12-G01	13	29, 31, 2	11	12	14, 15	6, 9	9, 13	22, 25	14, 15	17	8, 9	13, 17	X, Y	12, 13	19, 24	
Cj1291.3_08Cj2407Q1.1-10F3_crotch_of_shorts_from_BROODER_area_10F3_09-01-12-H01	13	28, 29, 31, 2	11	11, 12	14, 15	6, 9	9, 13	19, 11, 12, 13	14, 15	17	8, 9	13, 17	X, Y	12, 13	19, 24	
Cj1292.1_08Cj2407Q1.2-16F1_crotch_of_jeans_from_BROODER_area_16F1_09-01-12-A02	13	28, 31	8, 10	11, 13	14, 17	9	11, 13	18, 24	13, 2, 14	18	9, 11	13, 18	X	12, 13	20, 24	
Cj1292.3_08Cj2407Q1.2-16F3_crotch_of_jeans_from_BROODER_area_16F3_09-01-12-B02	13	28, 31	8	13	14, 17	9		18	13, 2, 14	17, 18	9, 11	13	X	12, 13		
Cj1293_08Cj2407Q1.2-16F3_crotch_of_jeans_from_BROODER_area_16F3_09-01-13-C02	13	28, 31	8, 10	11, 13	14, 15, 17	9		18, 24	13, 2, 14	17, 18	9, 11	13	X	12, 13		
Cj1296_08Cj2407K2_buccal_swabs_of_BROODER_09-01-12-C03	13	28, 31	8, 10	11, 13	14, 17	9	11, 13	18, 24	13, 2, 14	18	9, 11	13, 18	X	12, 13	20, 24	
Cj1297_08Cj2407K3_buccal_swabs_of_EASLEY_09-01-12-D03	12, 13	31, 2, 32, 2	11	9, 11	15, 18	7, 9	10, 11	17, 23	13, 2, 14	16, 18	8, 10	11, 16	X	11, 13	22, 25	

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

* compared to staff database - no matches.

4 000361

CPJ

CODIS Disposition Form for Case Folder

Case # 08-2407 Ev Source shorts worn by BROODER

Category NO PROFILE for CODIS - Reason:

- 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 *No suspect Standard Submitted*
- UNIDENTIFIED HUMAN REMAINS PROFILE
- MISSING PERSON or DEDUCED MISSING PERSON PROFILE
- RELATIVE of MISSING PERSON PROFILE

Correct results were obtained for all controls

*T12 01/20
20 Jan 09*

Evidence		
CJ1291.2_08CJ2407Q1.1-10F2_crotch_of_shorts_from_BROODER_area_10F2 09-01-12-G01		
D8S1179	13	3366
D21S11	29, 31.2	788, 969
D7S820	11	1377
CSF1PO	12	1617
D3S1358	14, 15	837, 686
TH01	6, 9	1165, 1193
D13S317	9, 13	388, 334
D16S539	11, 13	926, 941
D2S1338	22, 25	713, 766
D19S433	14, 15	1099, 985
vWA	17	1957
TPOX	8, 9	1123, 1264
D18S51	13, 17	569, 554
Amel	X, Y	904, 813
D5S818	12, 13	807, 767
FGA	19, 24	393, 378

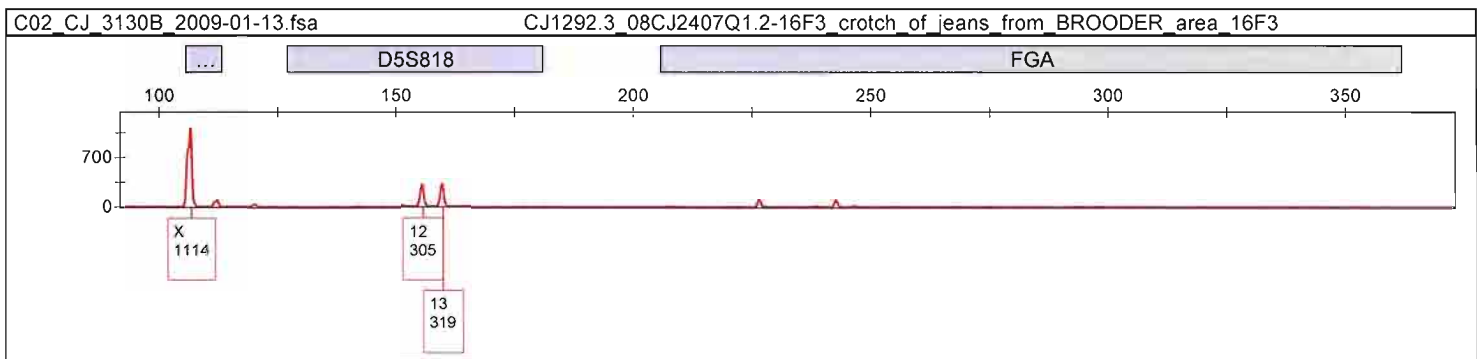
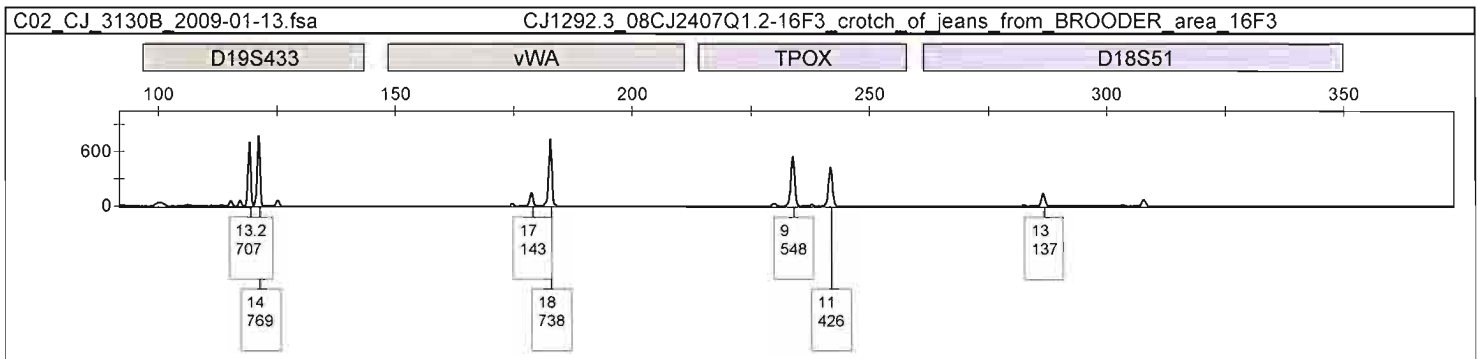
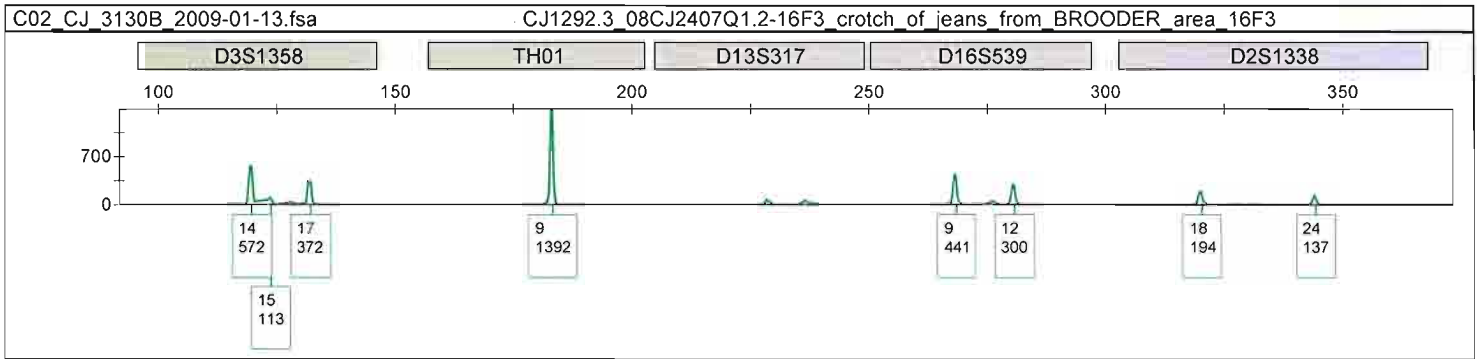
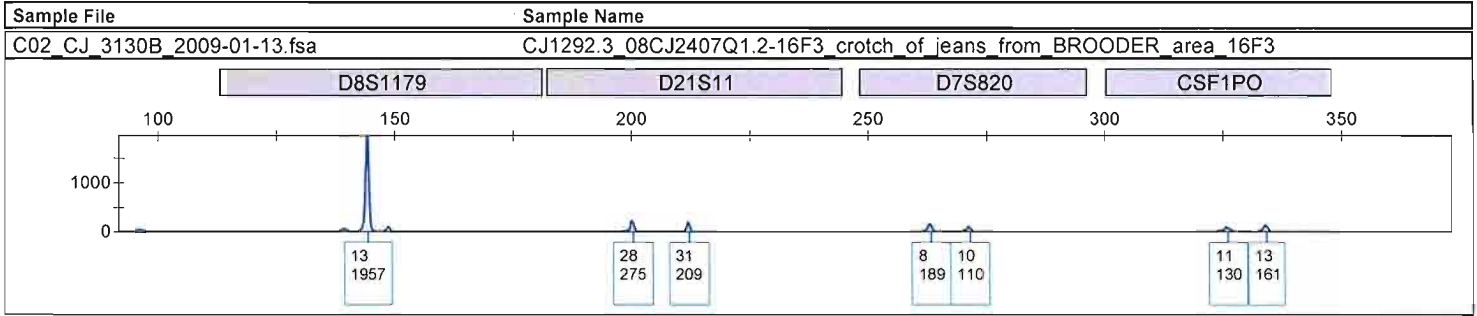
Victim		
CJ1296_08CJ2407K2_buccal_swabs_of_BROODER 09-01-12-C03		
D8S1179	13	5481
D21S11	28, 31	1412, 1263
D7S820	8, 10	1079, 935
CSF1PO	11, 13	1128, 959
D3S1358	14, 17	1042, 947
TH01	9	3422
D13S317	11, 13	671, 573
D16S539	9, 12	1562, 1435
D2S1338	18, 24	1292, 1342
D19S433	13.2, 14	1717, 1666
vWA	18	2831
TPOX	9, 11	1725, 1750
D18S51	13, 18	868, 737
Amel	X	2793
D5S818	12, 13	1269, 1139
FGA	20, 24	560, 465

Suspect		
D8S1179		
D21S11		
D7S820		
CSF1PO		
D3S1358		
TH01		
D13S317		
D16S539		
D2S1338		
D19S433		
vWA		
TPOX		
D18S51		
Amel		
D5S818		
FGA		

Elim/victim		
CJ1297_08CJ2407K3_buccal_swabs_of_EASLEY 09-01-12-D03		
D8S1179	12, 13	4327, 3575
D21S11	31.2, 32.2	2280, 1851
D7S820	11	2786
CSF1PO	9, 11	1712, 1667
D3S1358	15, 18	1302, 1400
TH01	7, 9	2271, 2287
D13S317	10, 11	883, 843
D16S539	11	4236
D2S1338	17, 23	2518, 2222
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vWA	16, 18	2171, 1976
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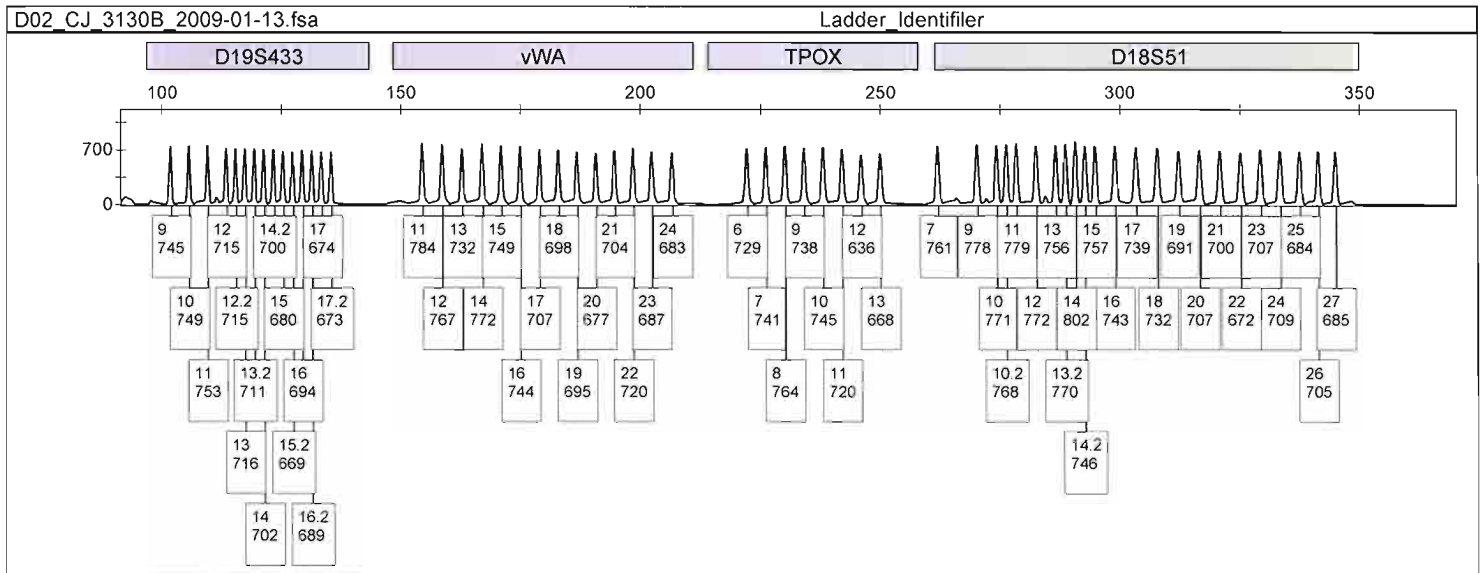
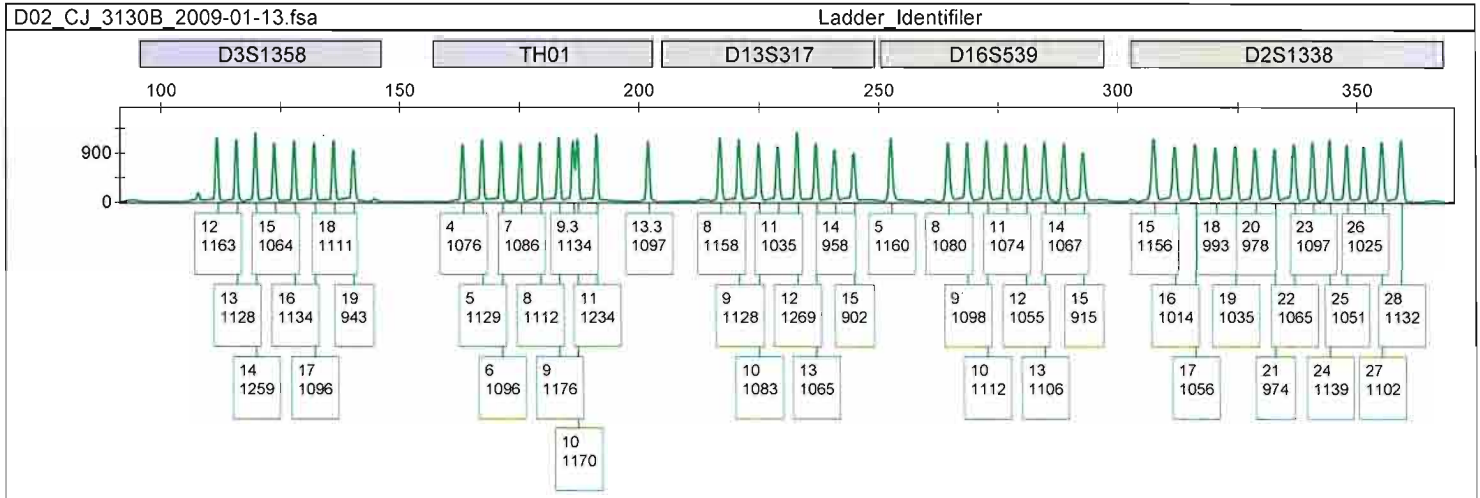
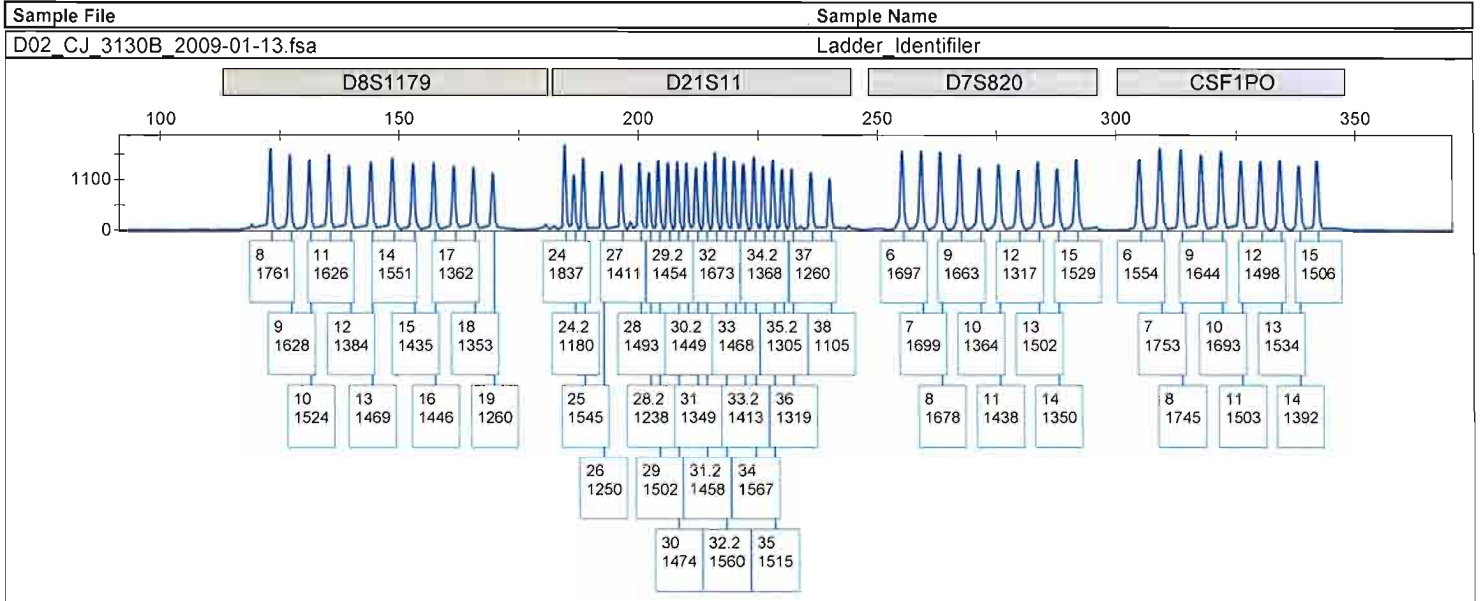
Signature *Christina Johnson*

Date *15 Jan 09*



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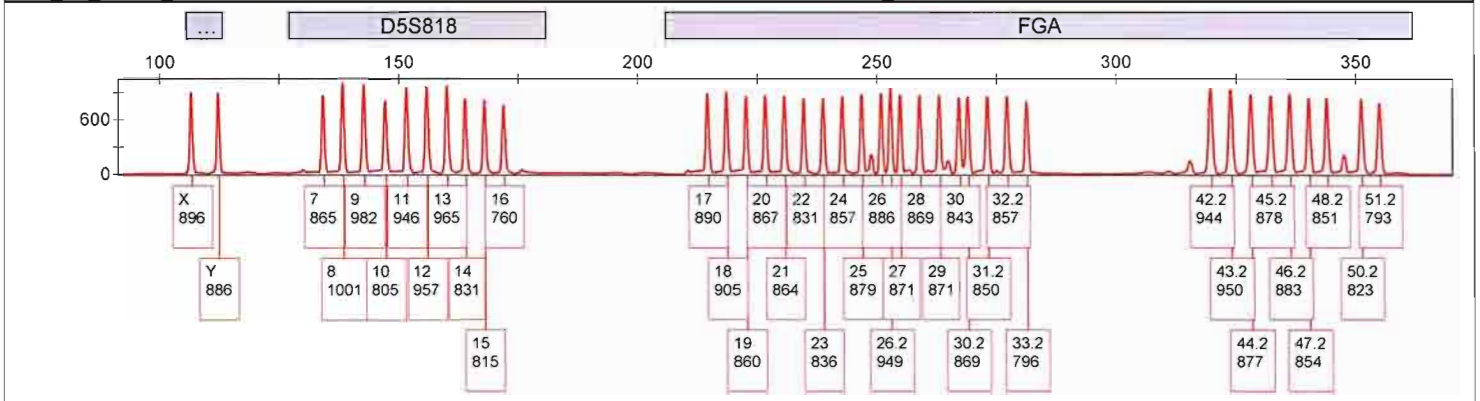
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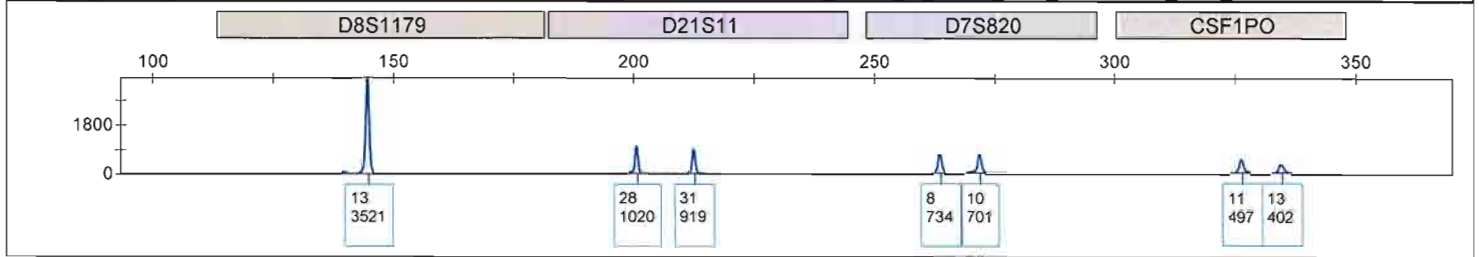
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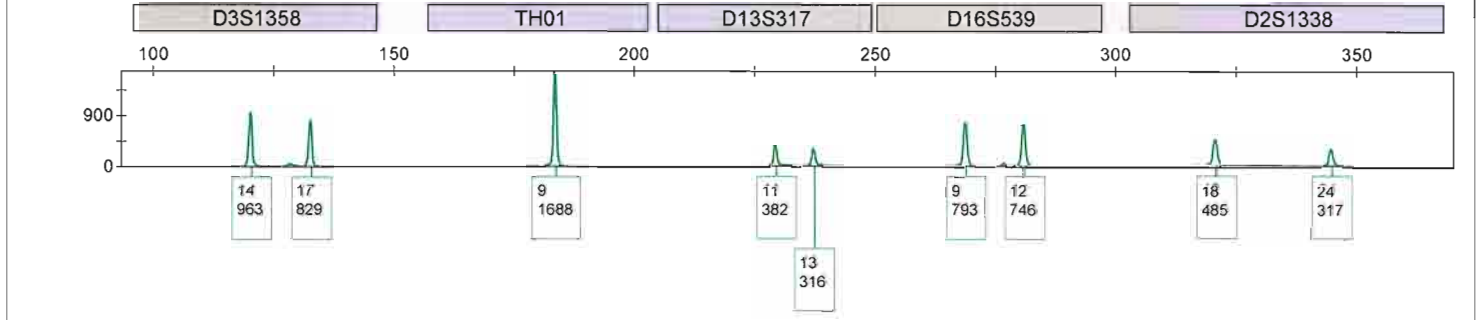
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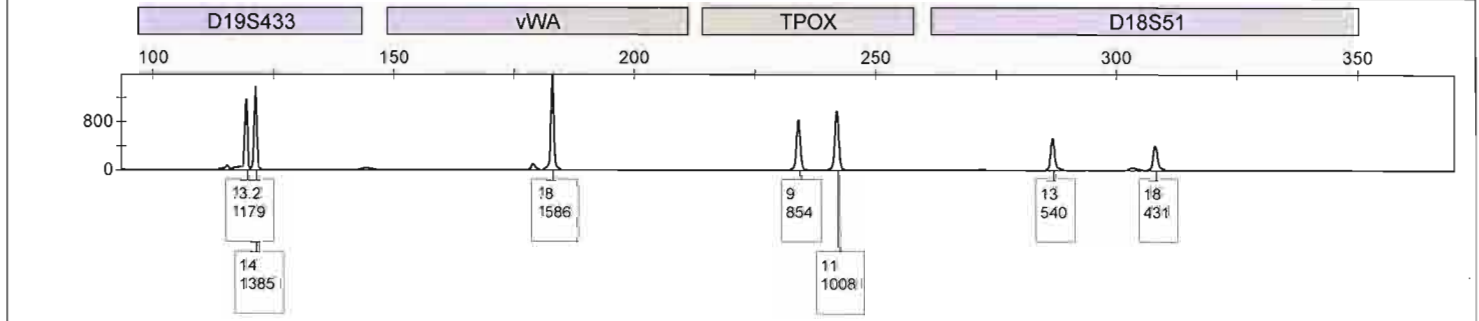
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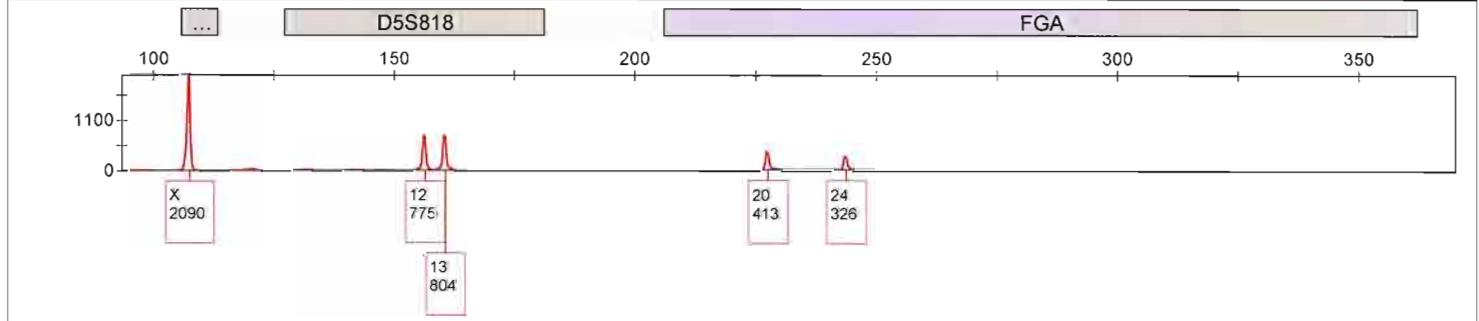
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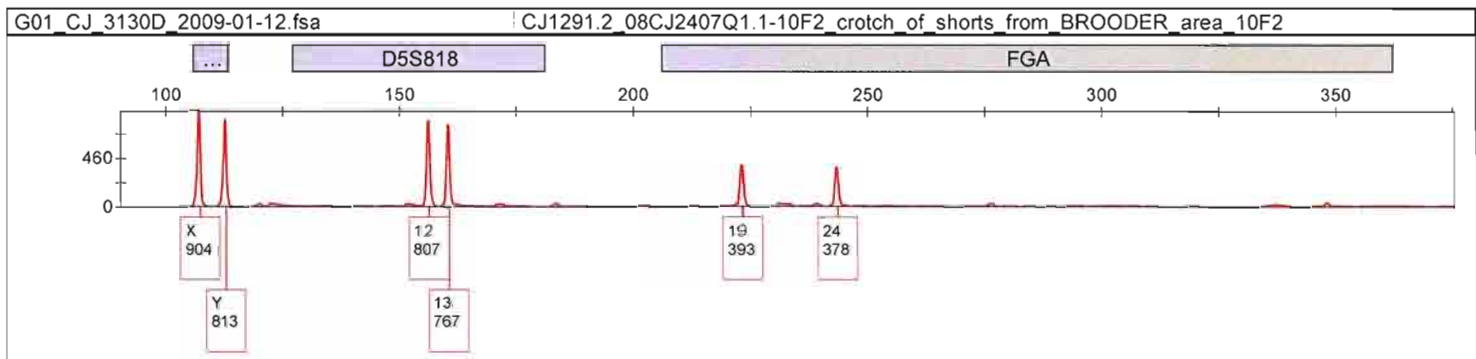
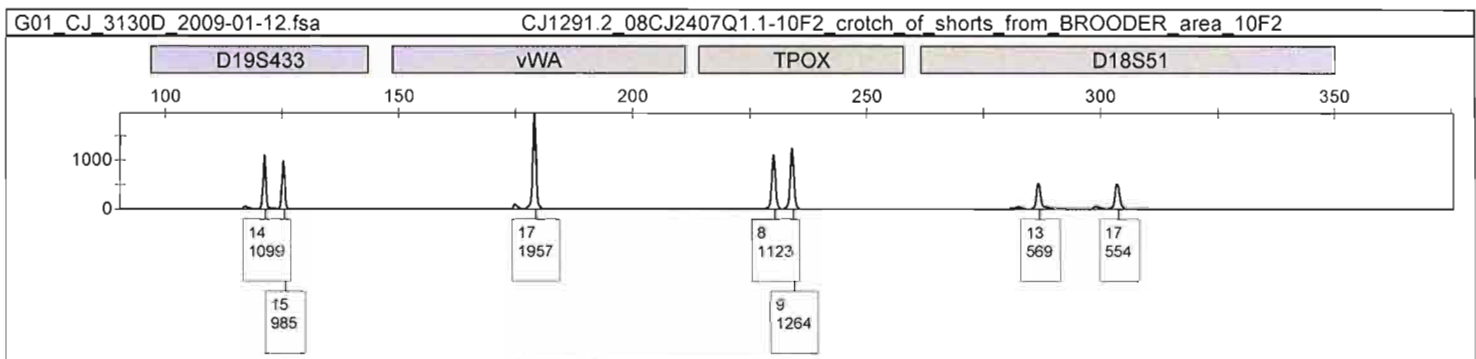
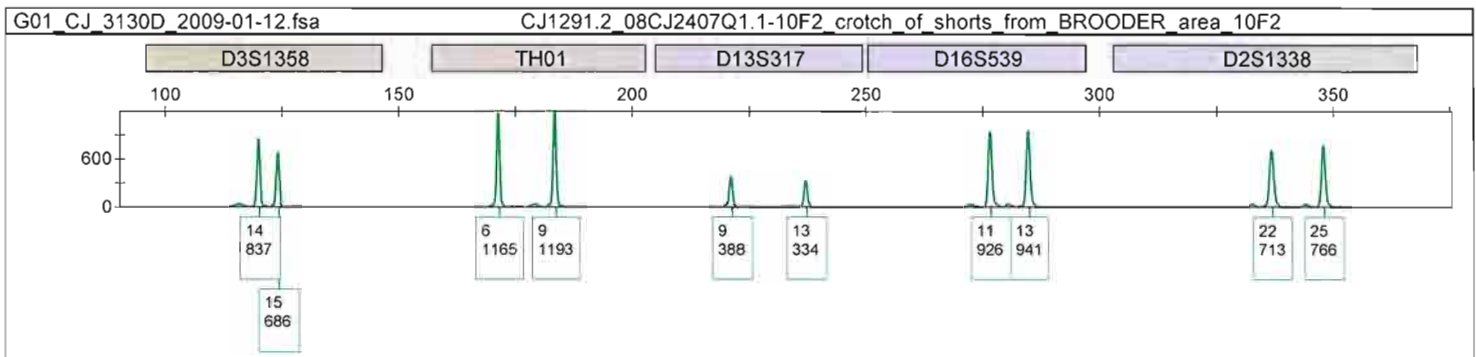
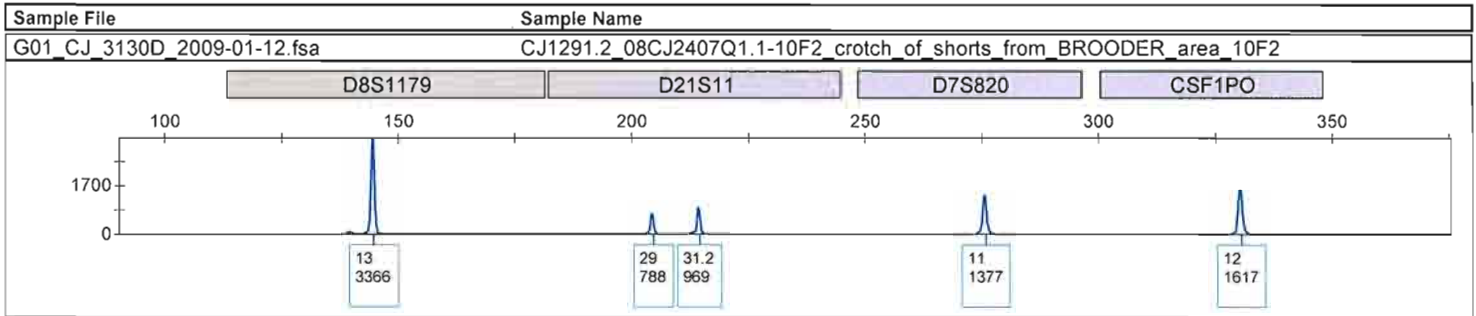


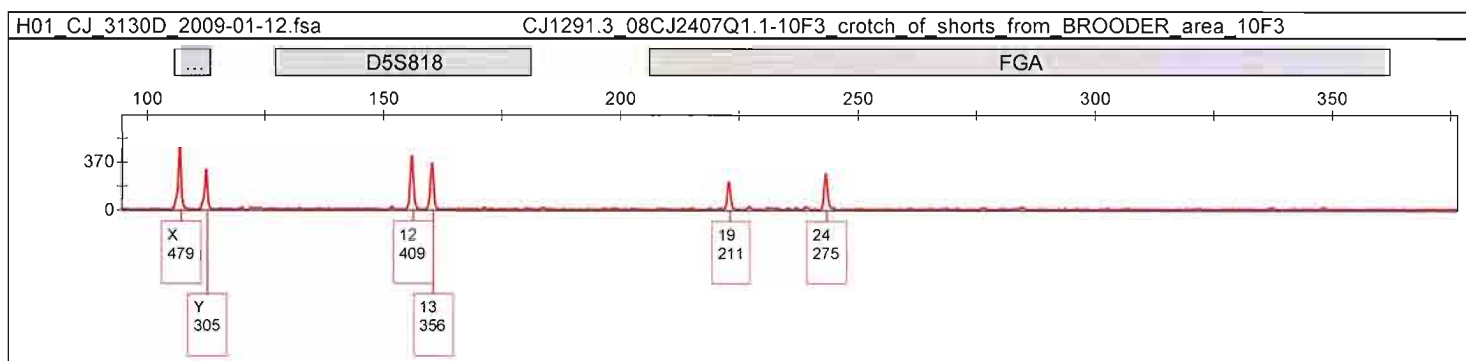
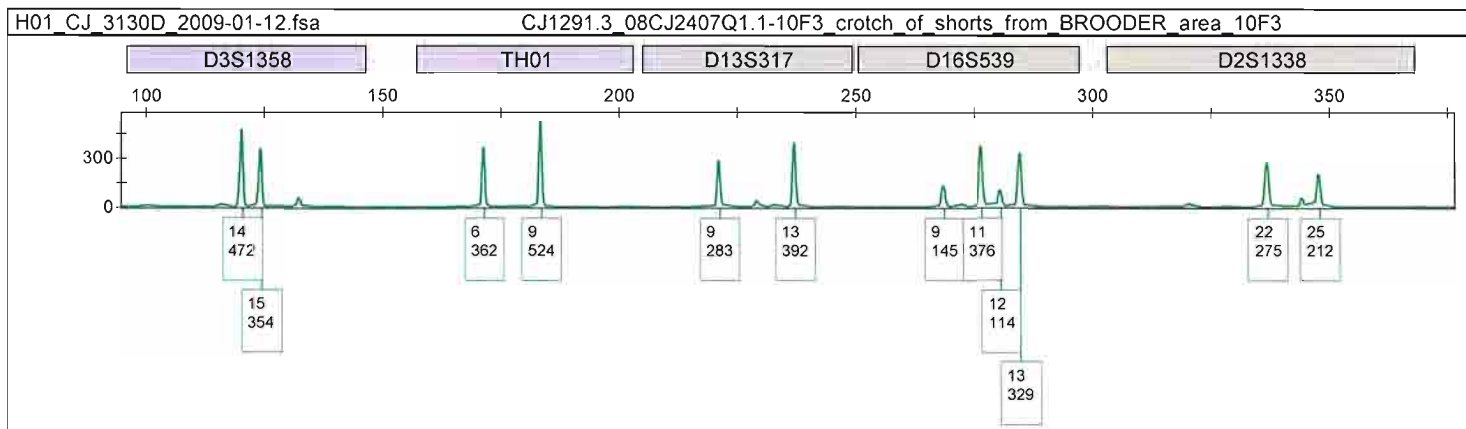
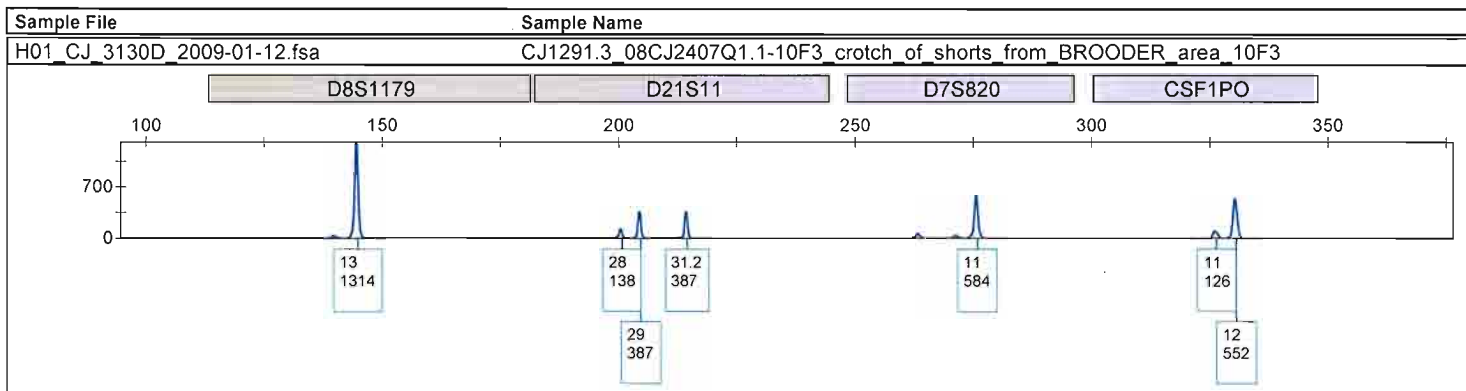
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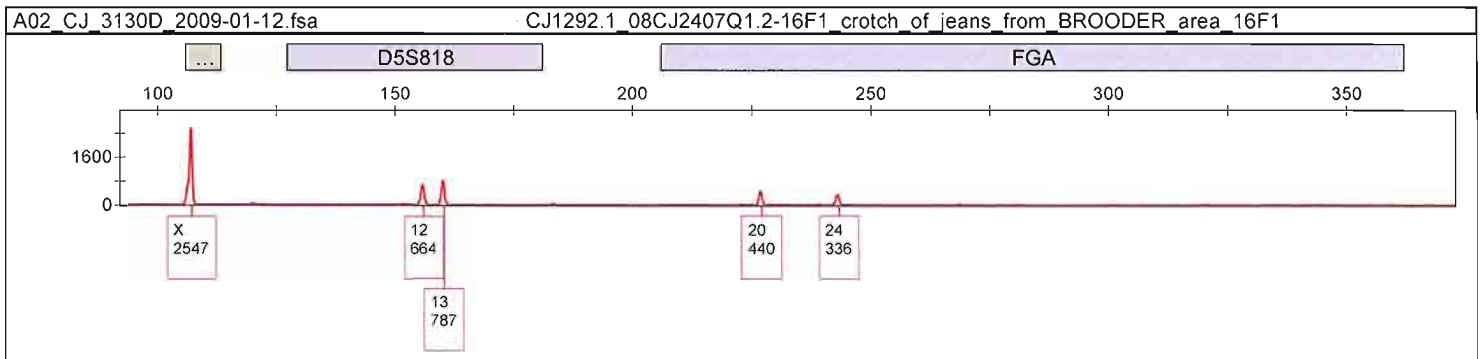
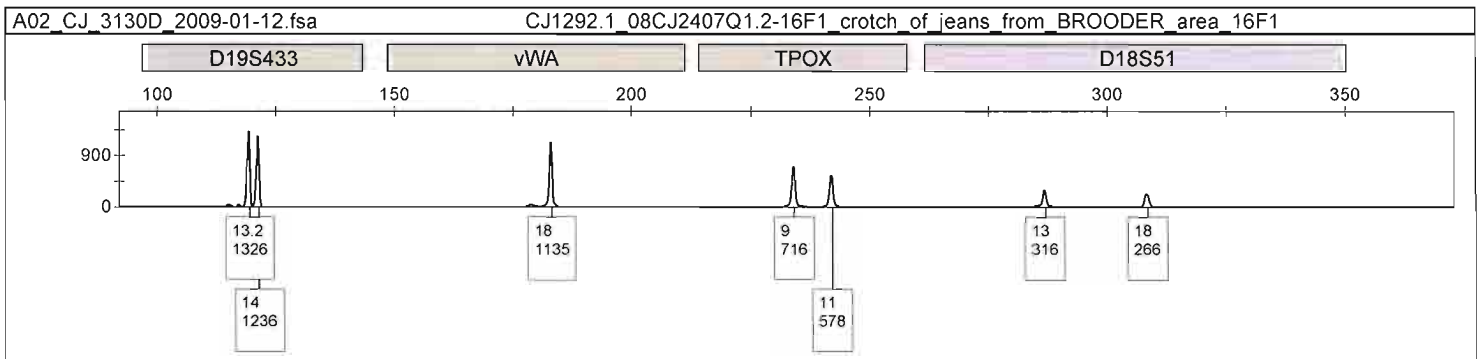
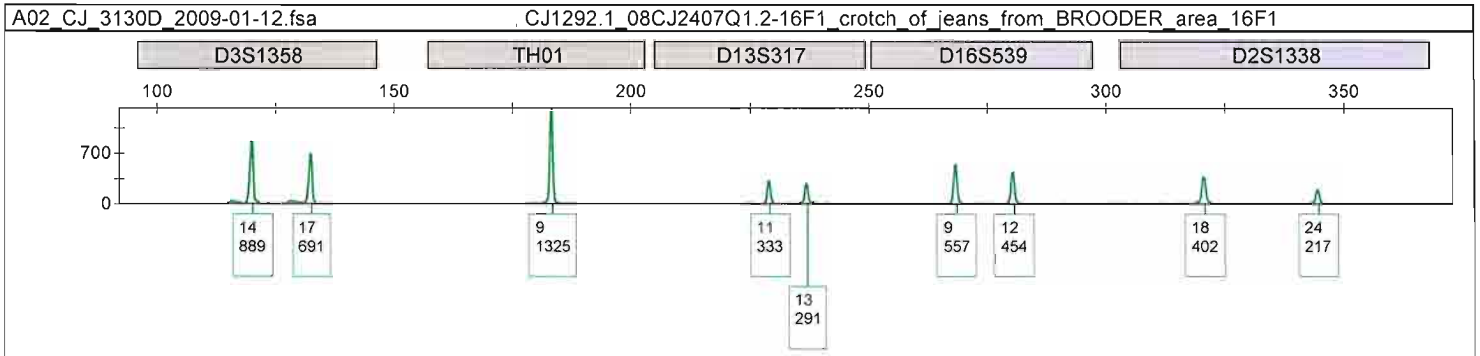
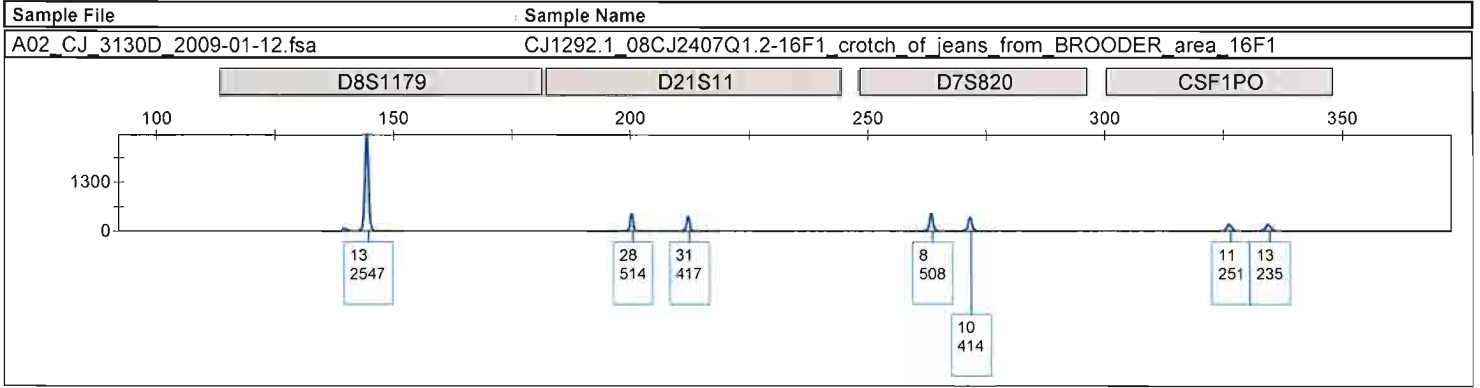
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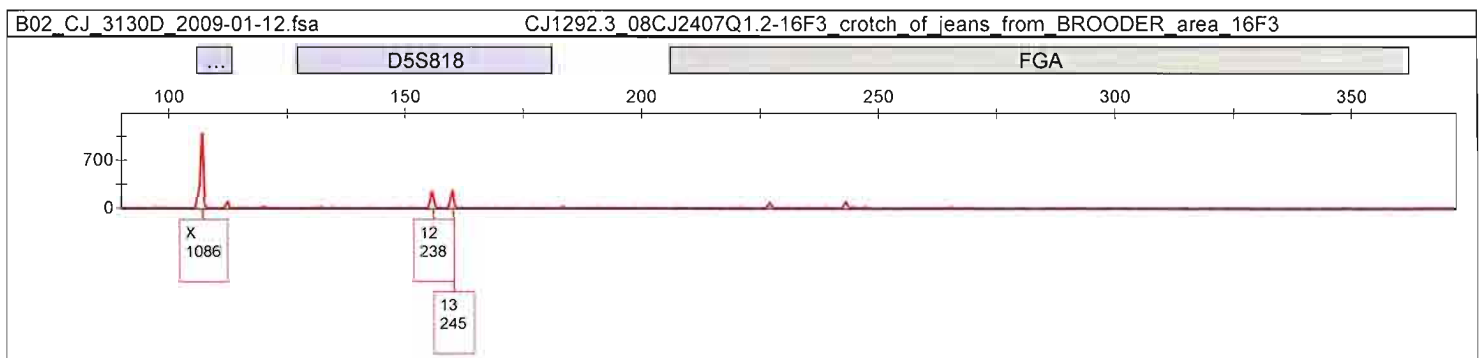
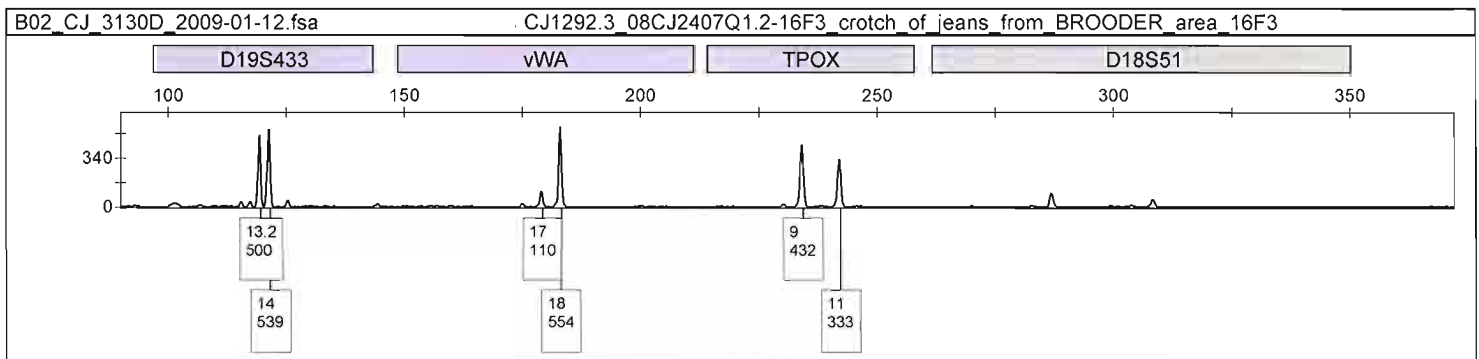
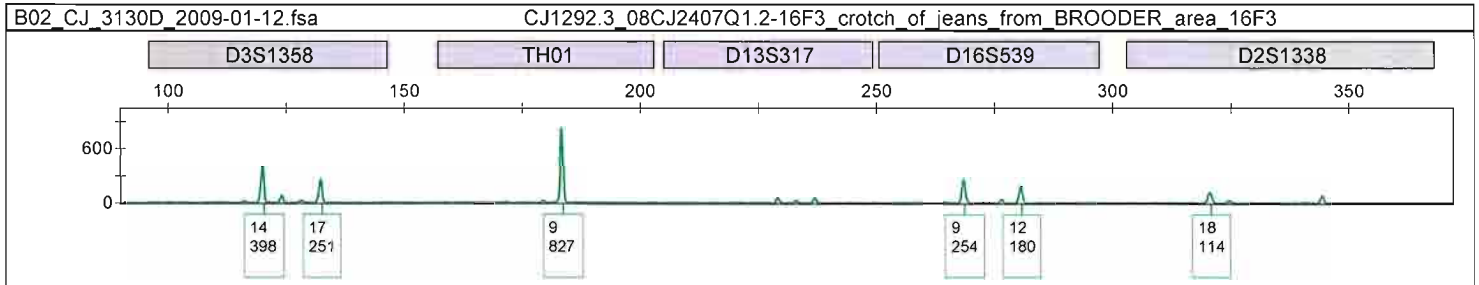
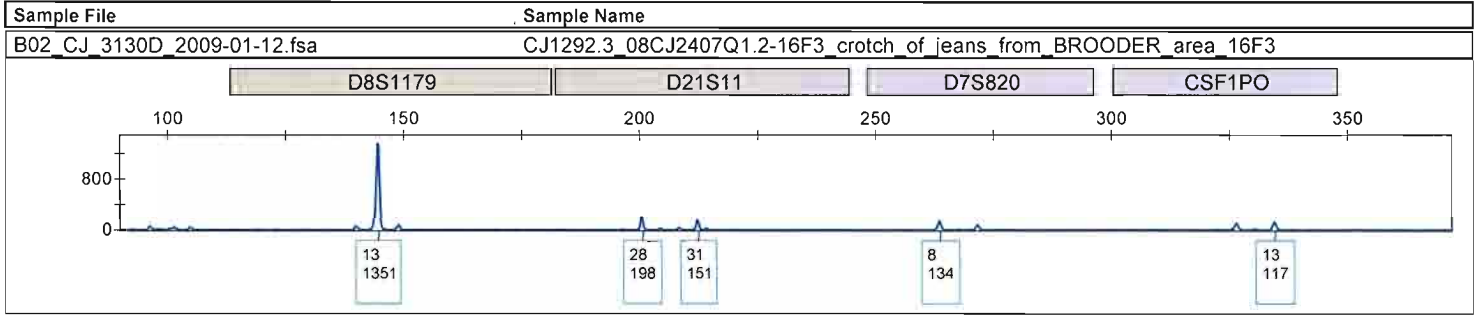




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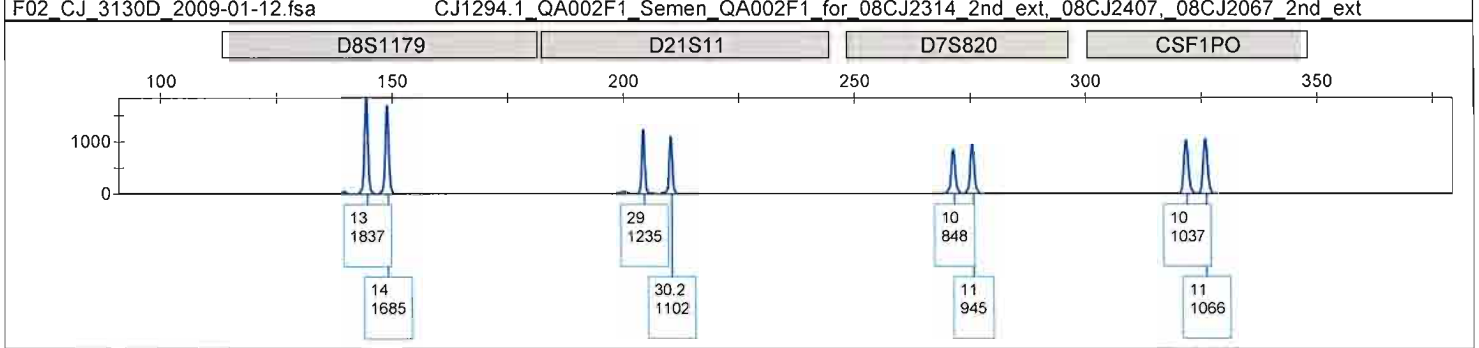


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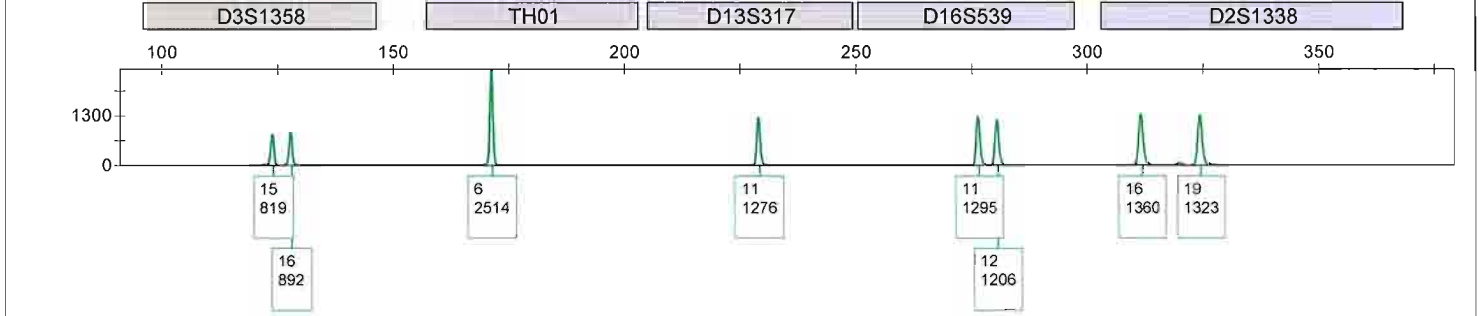


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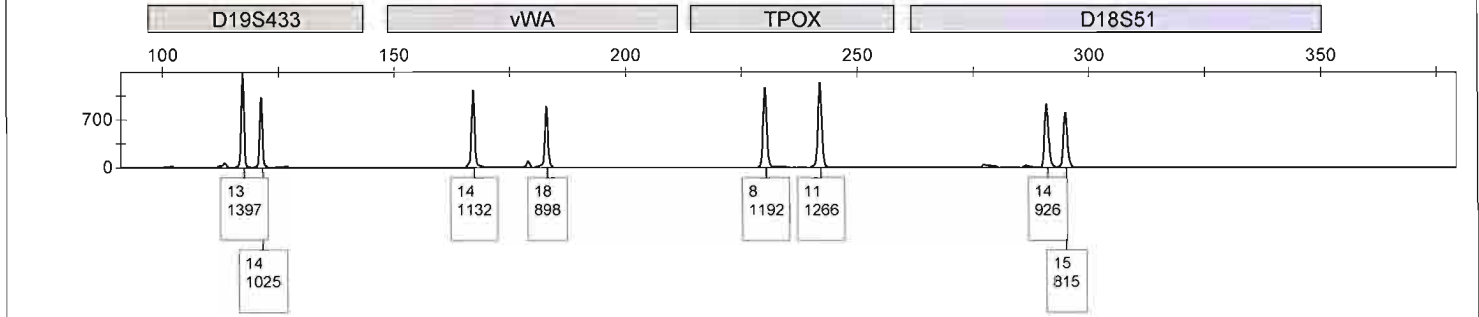
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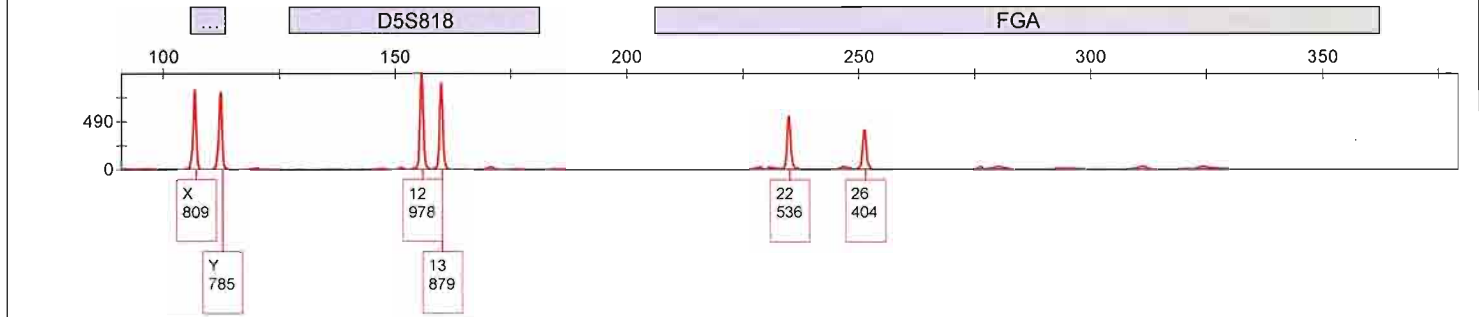
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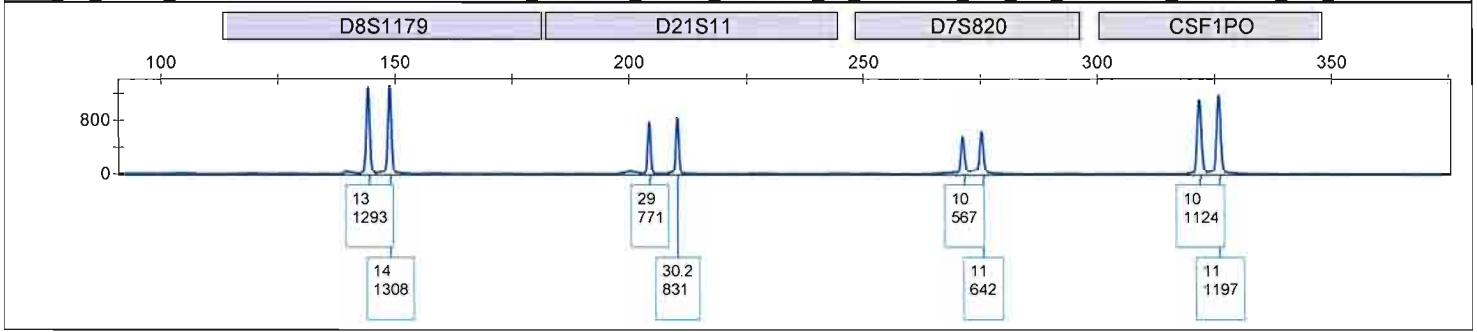
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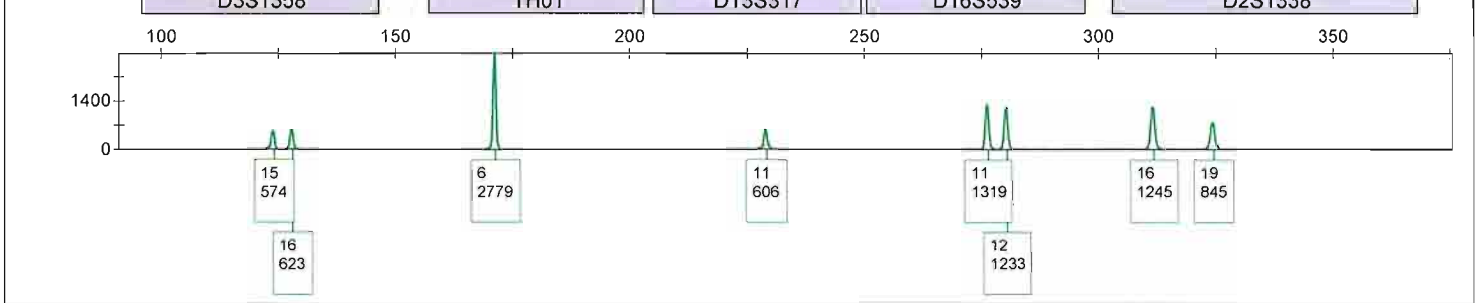
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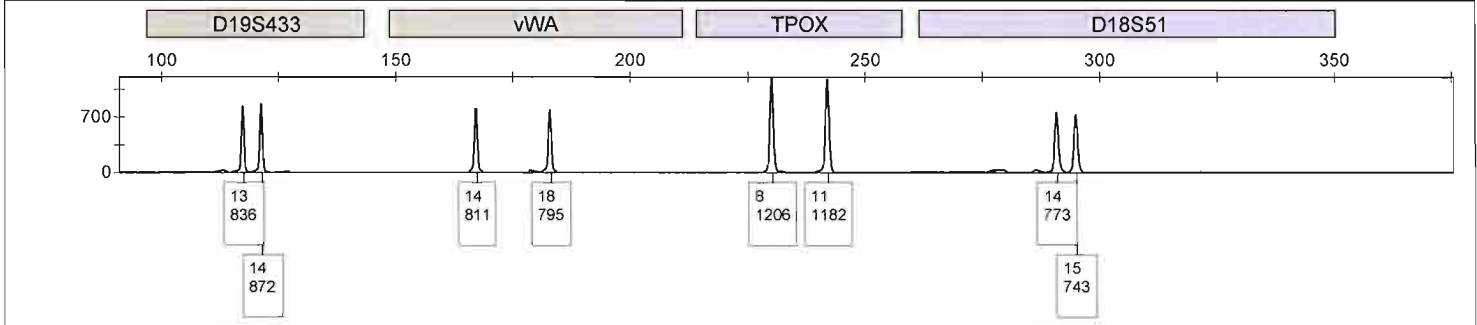
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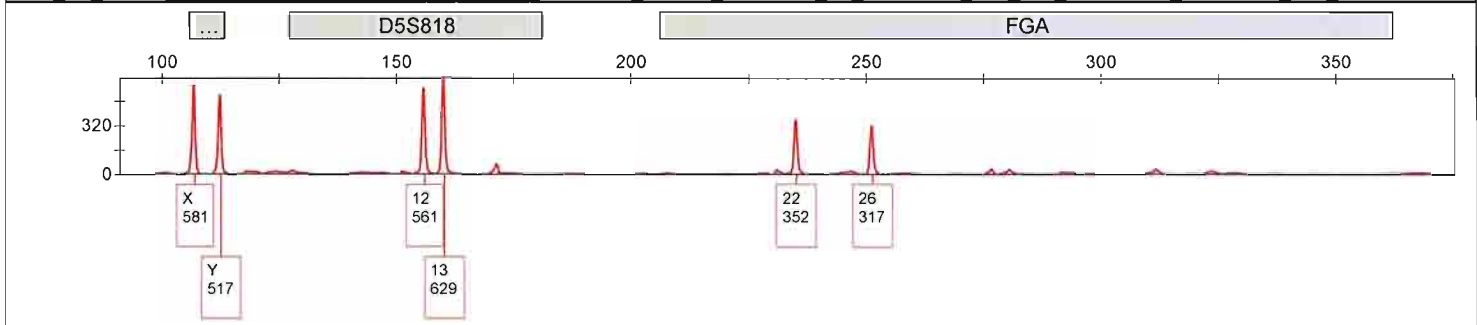
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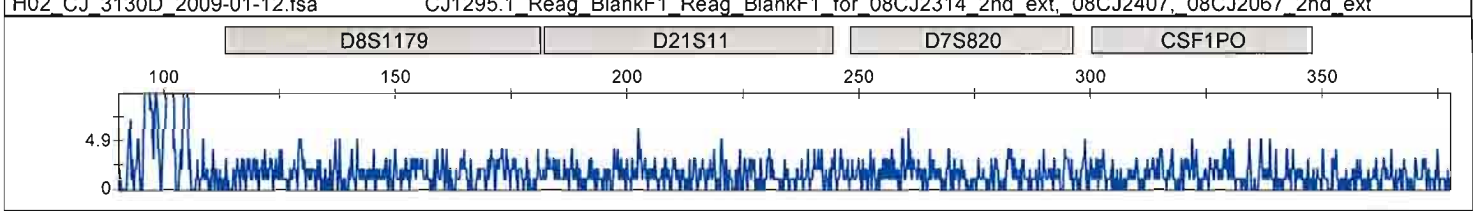


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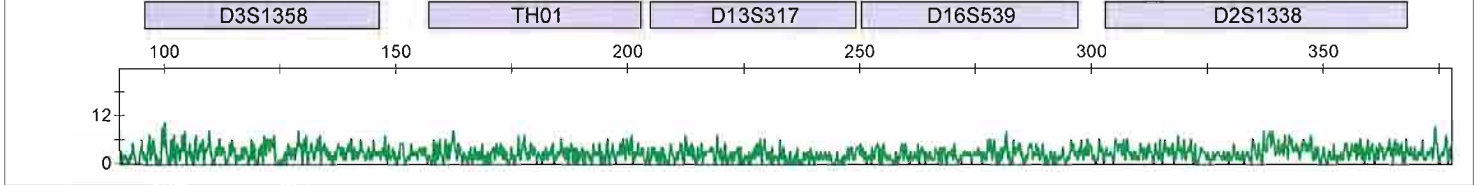


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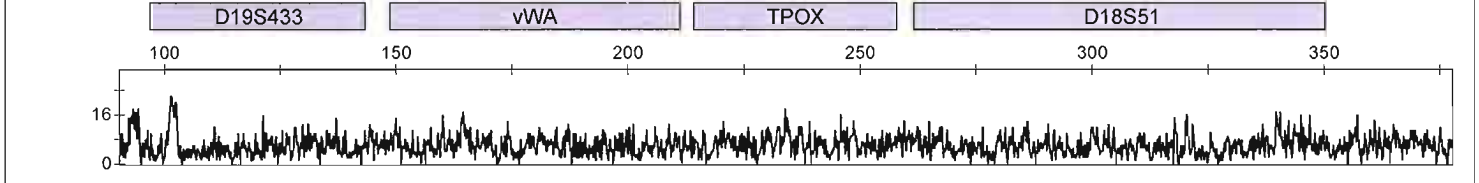
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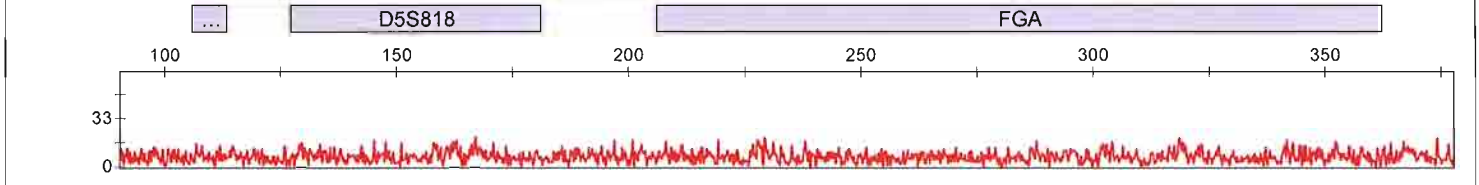
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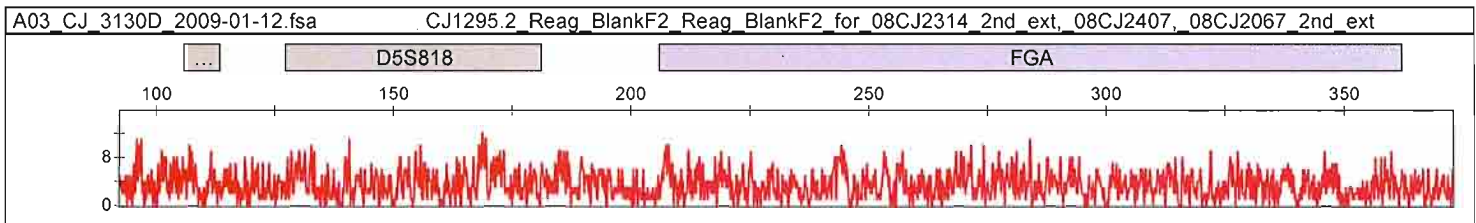
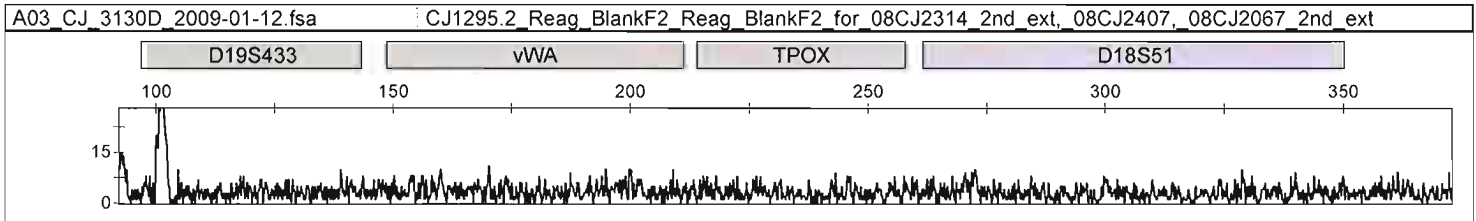
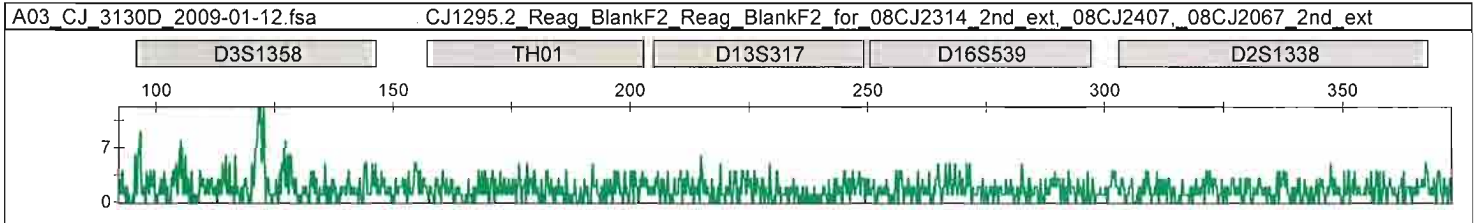
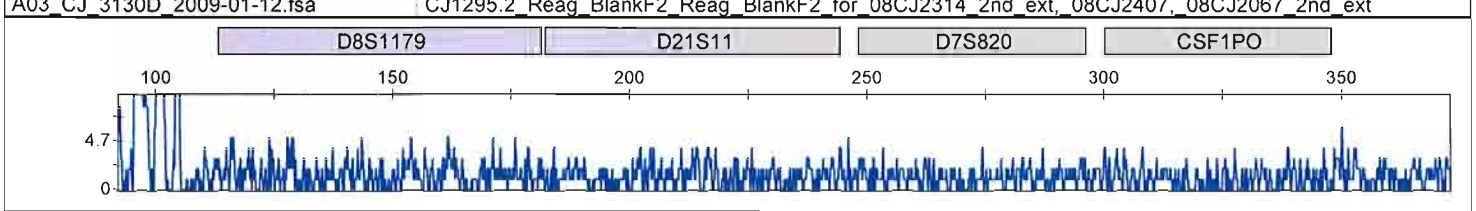


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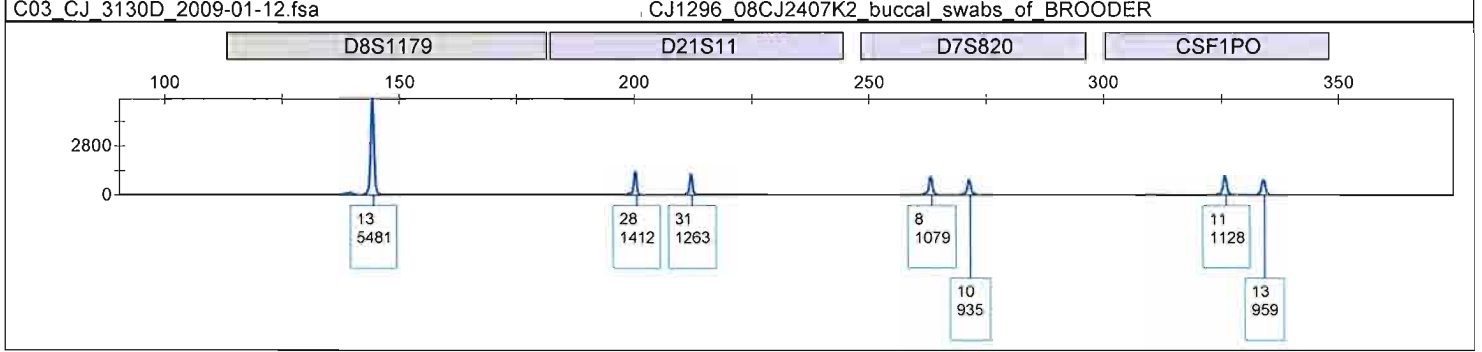


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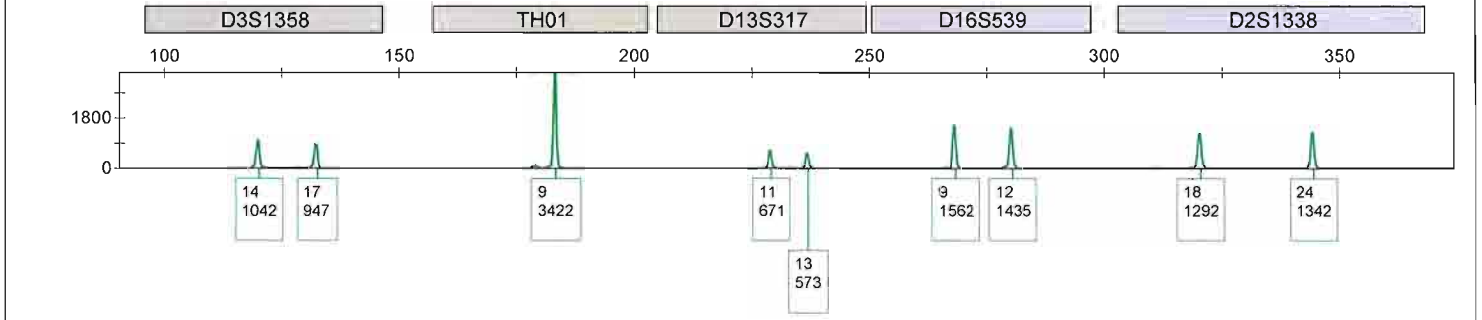
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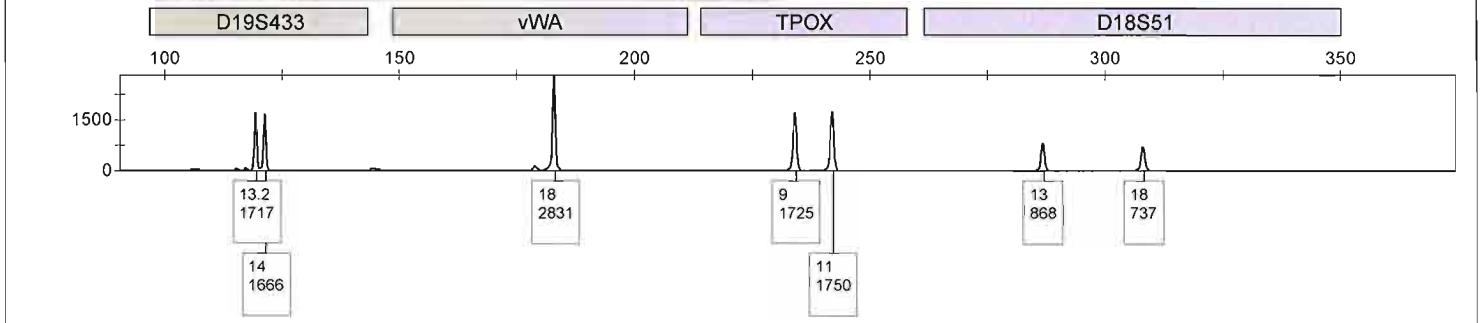
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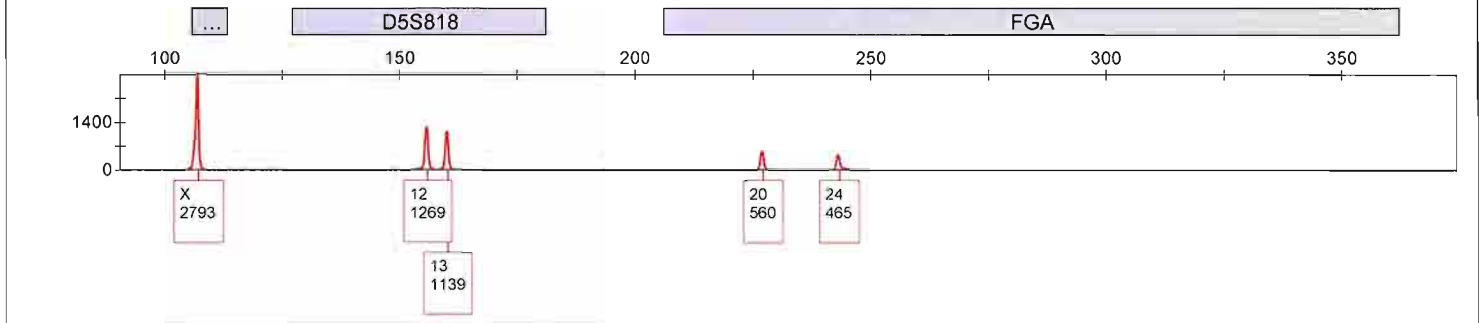
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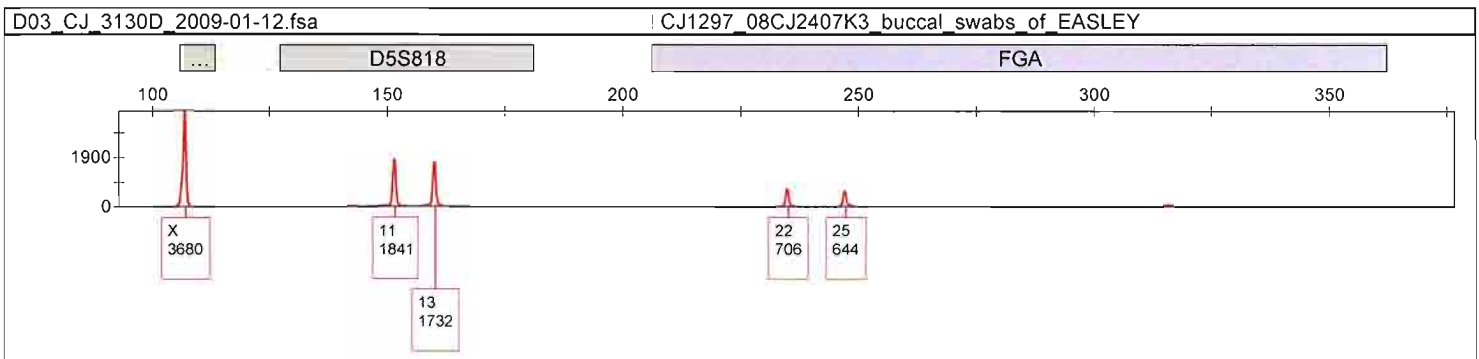
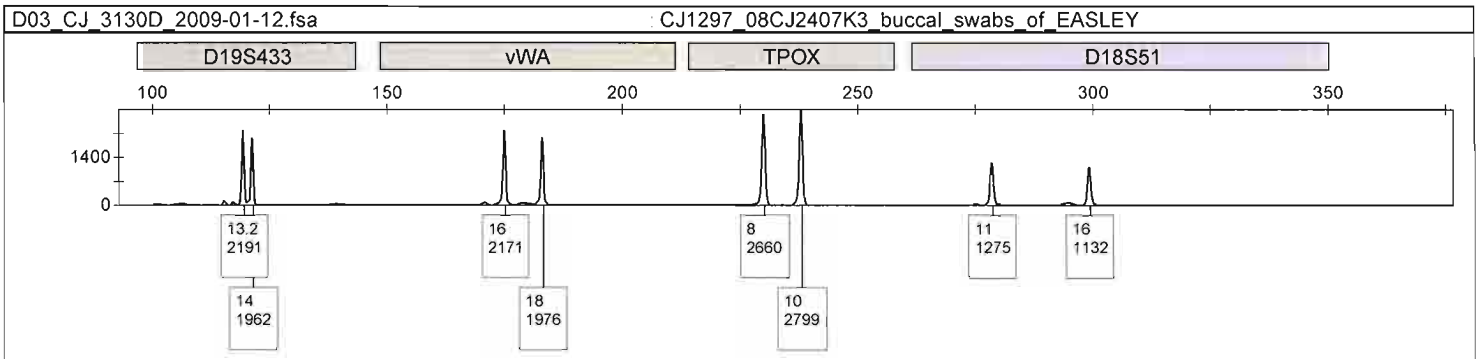
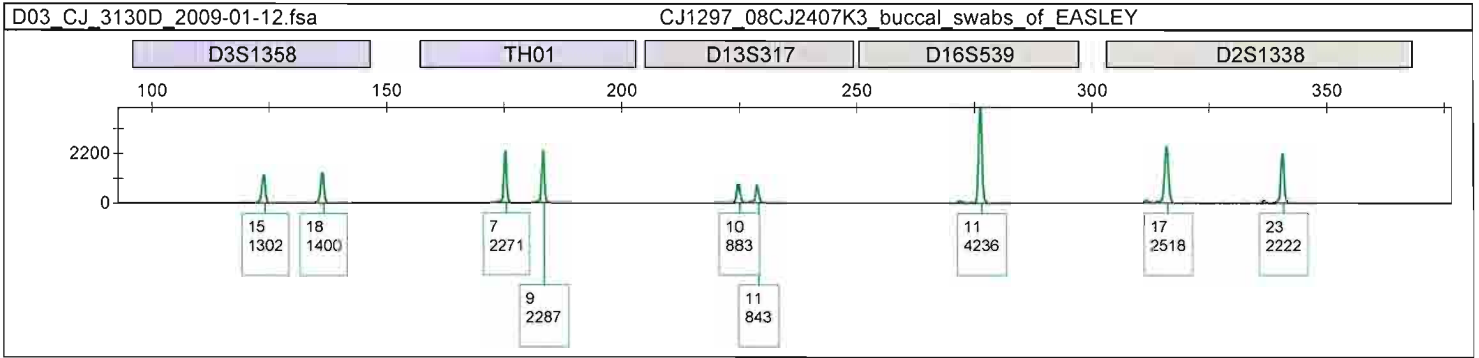
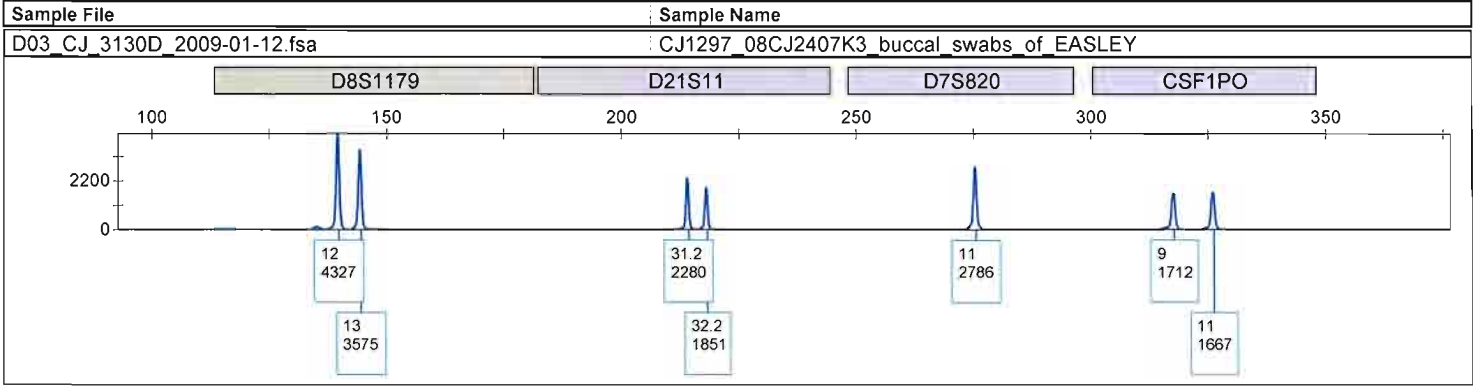


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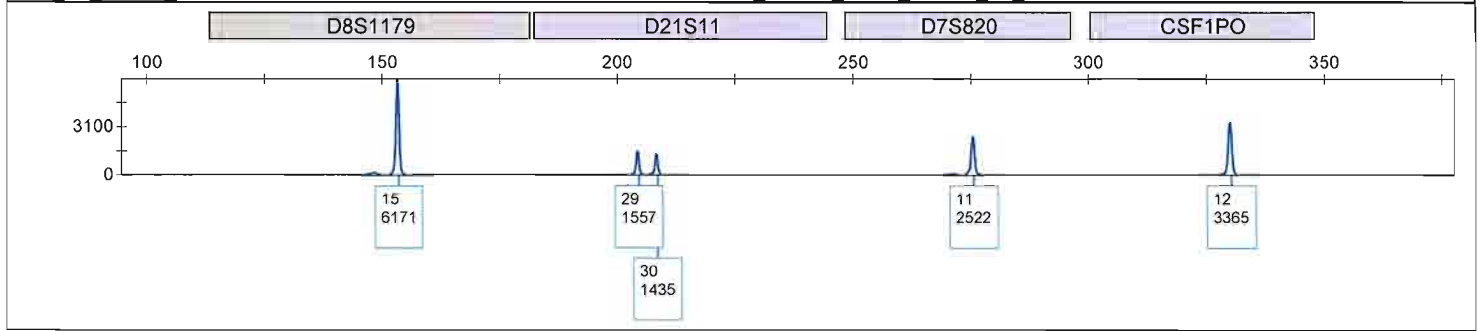
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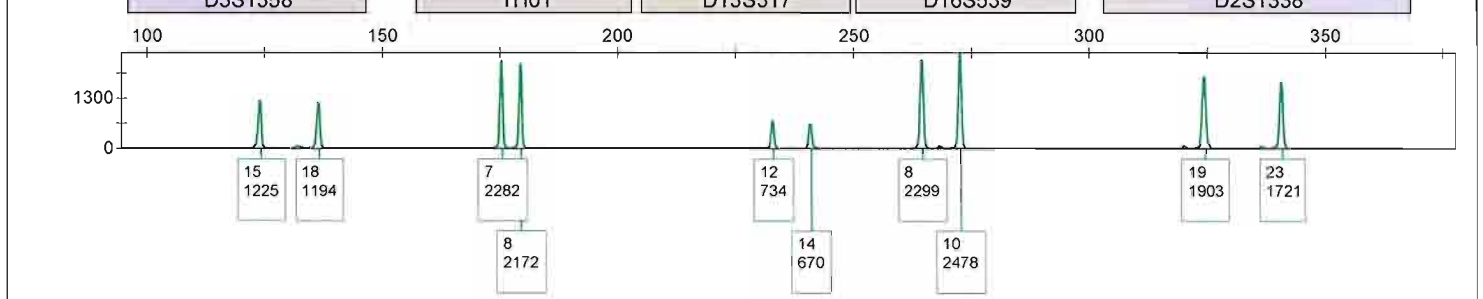


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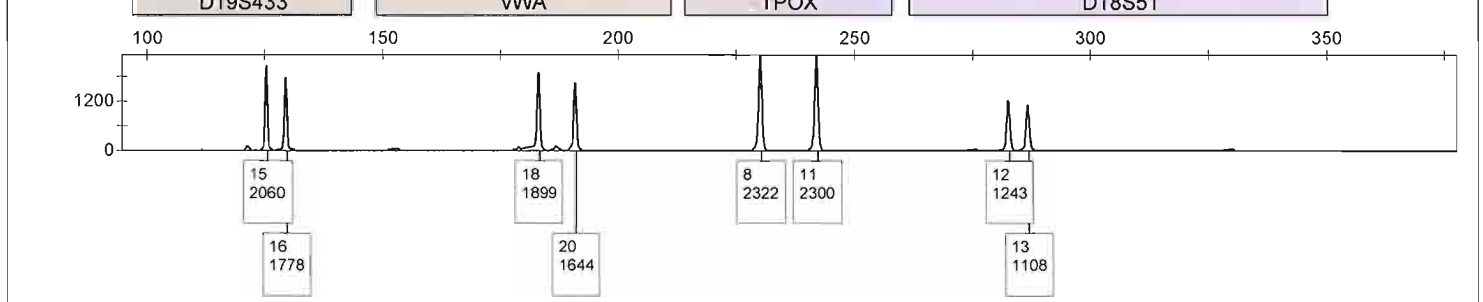
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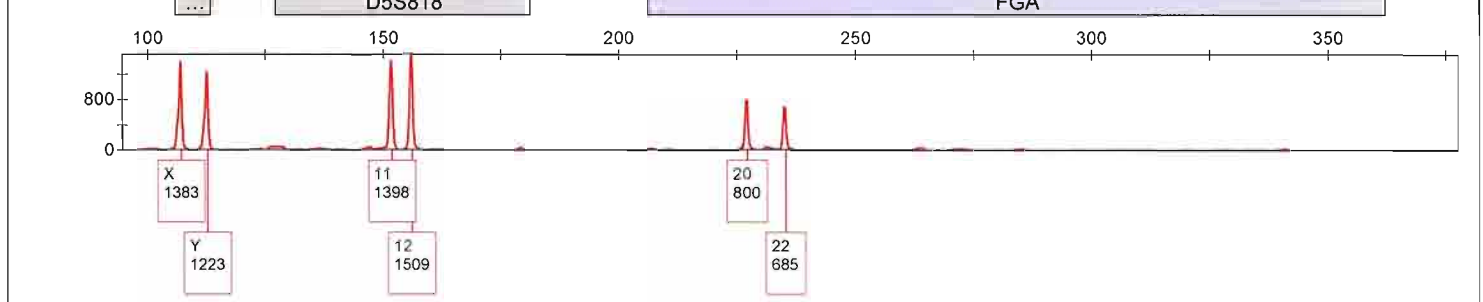
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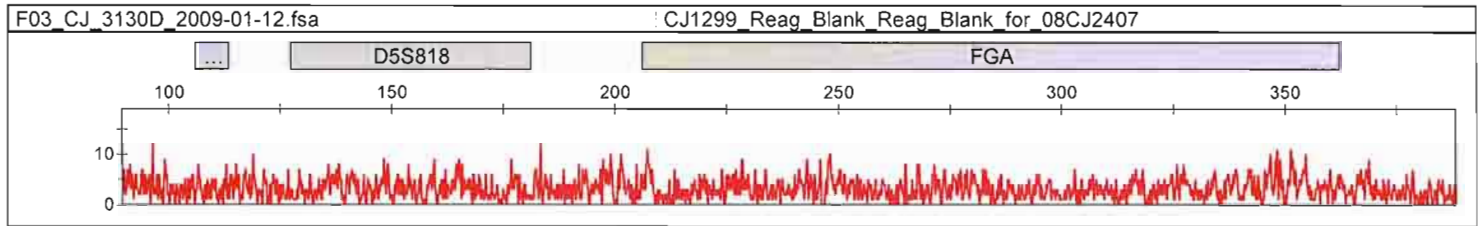
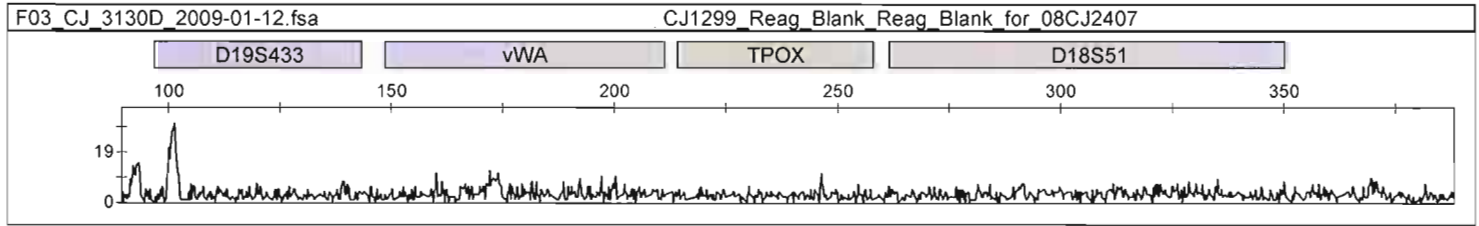
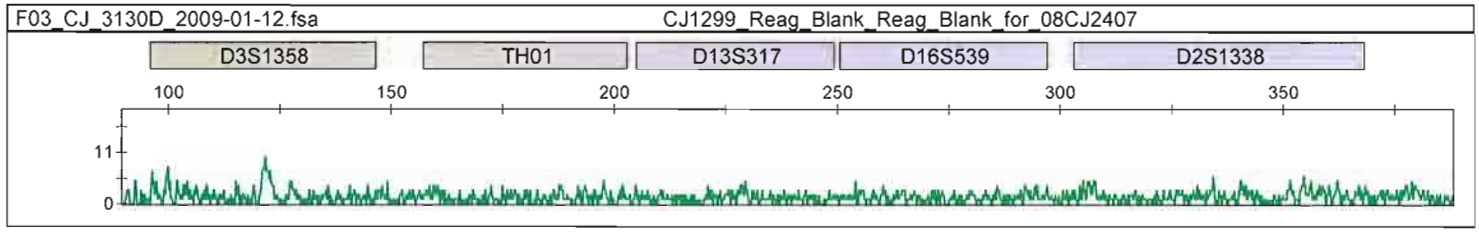
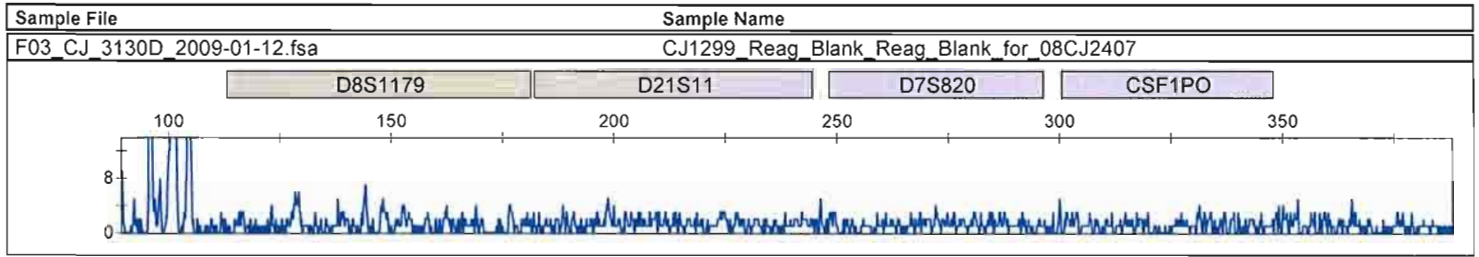


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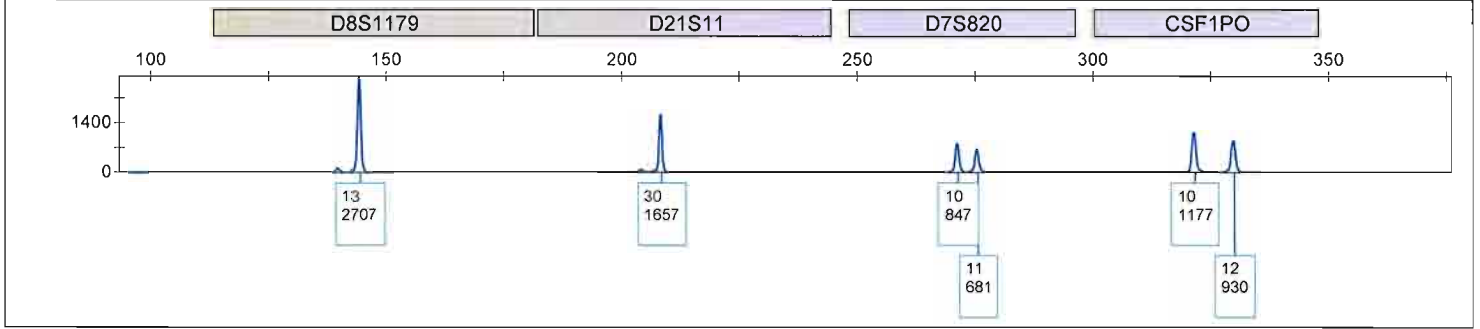
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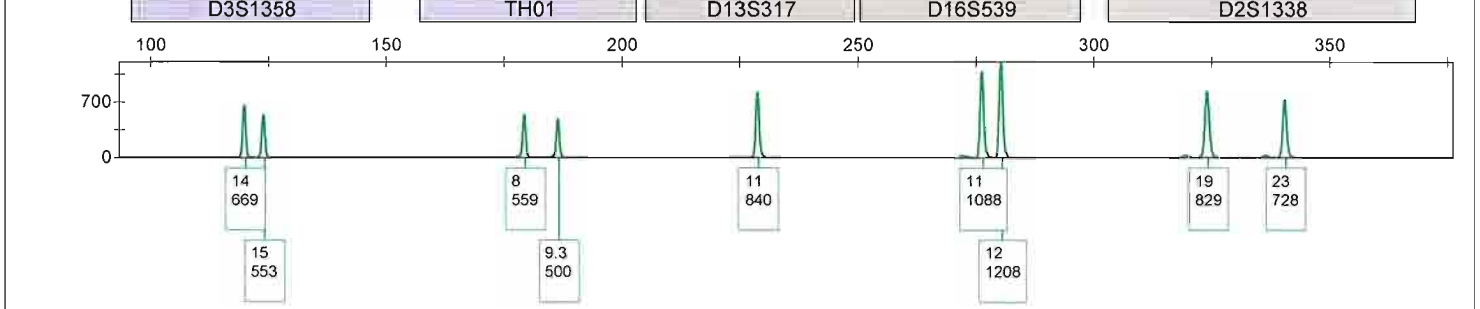


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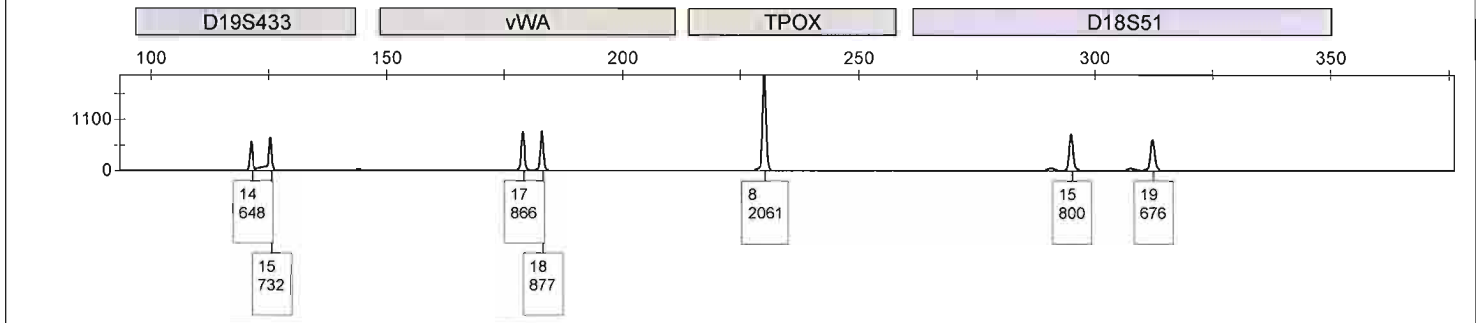
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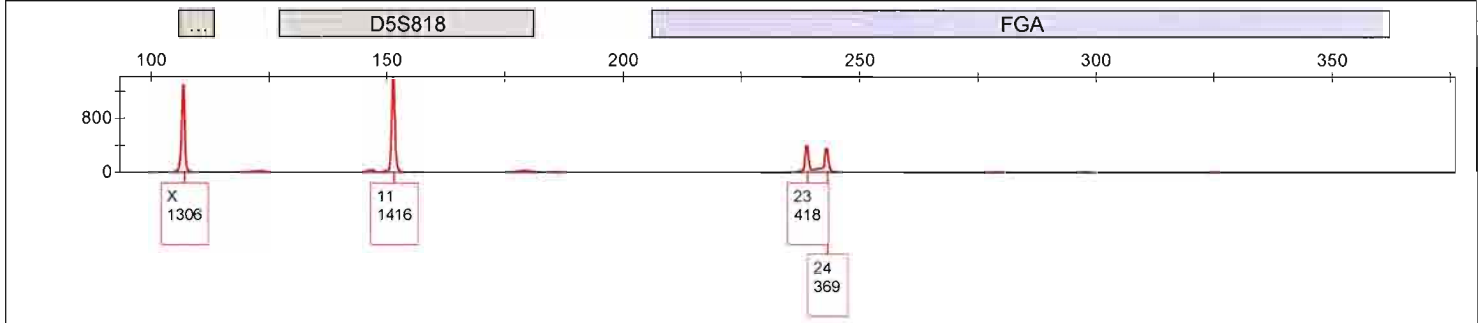
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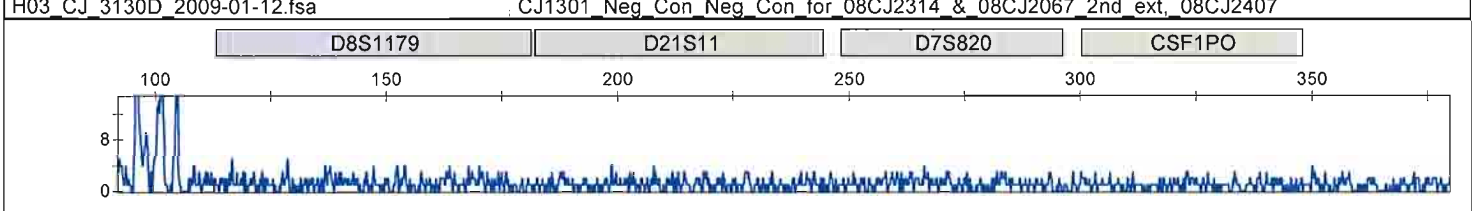
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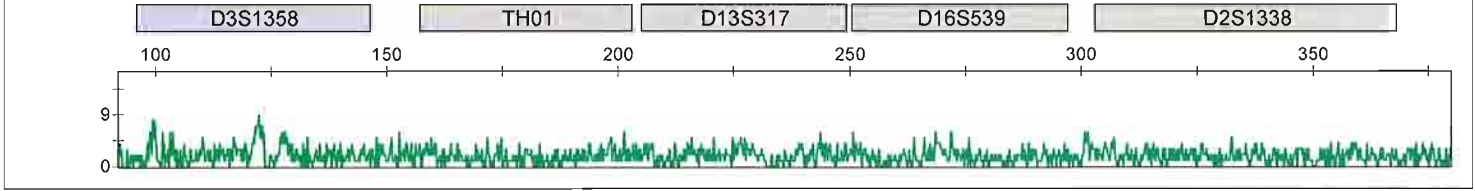
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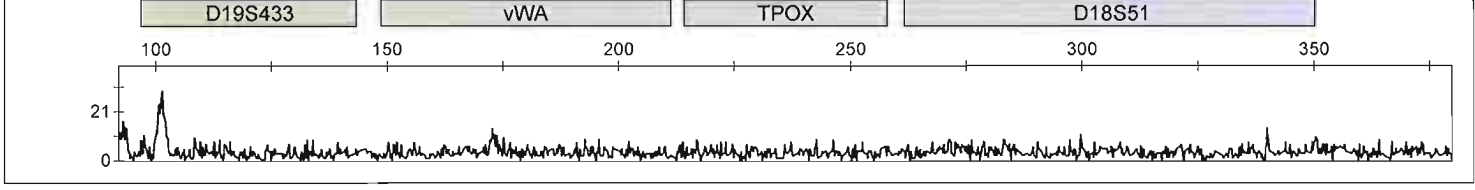
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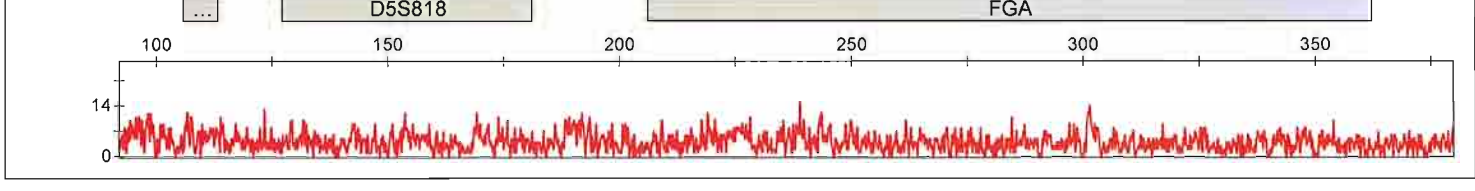
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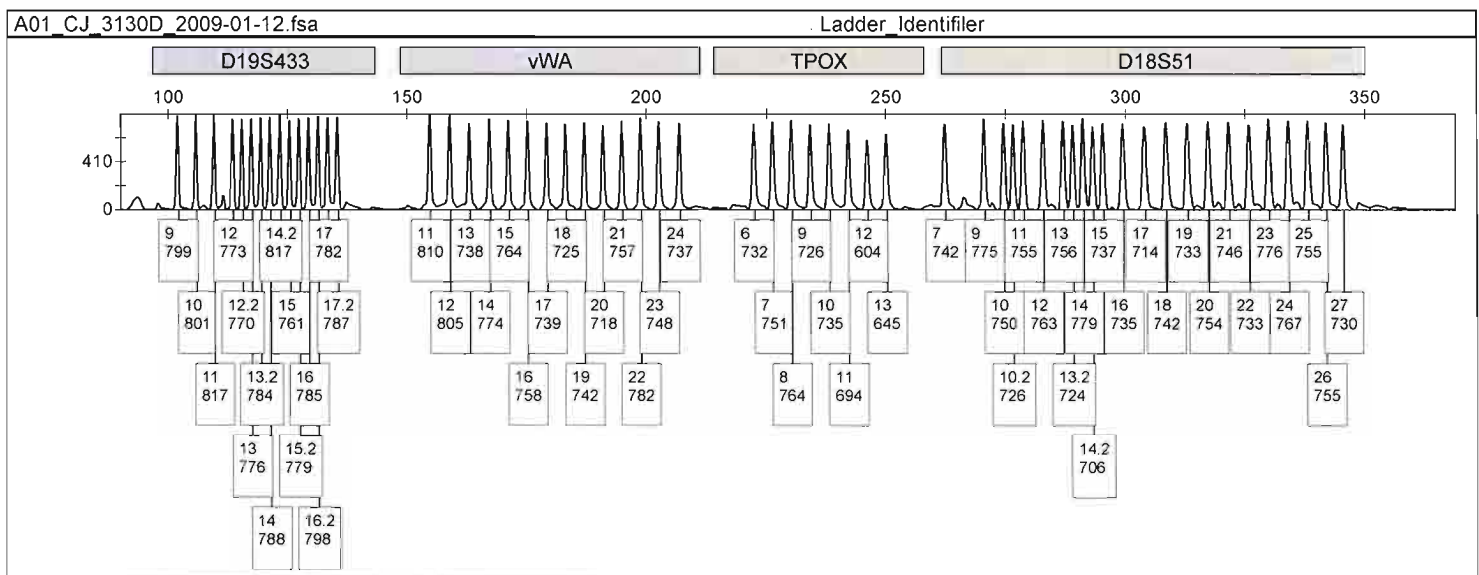
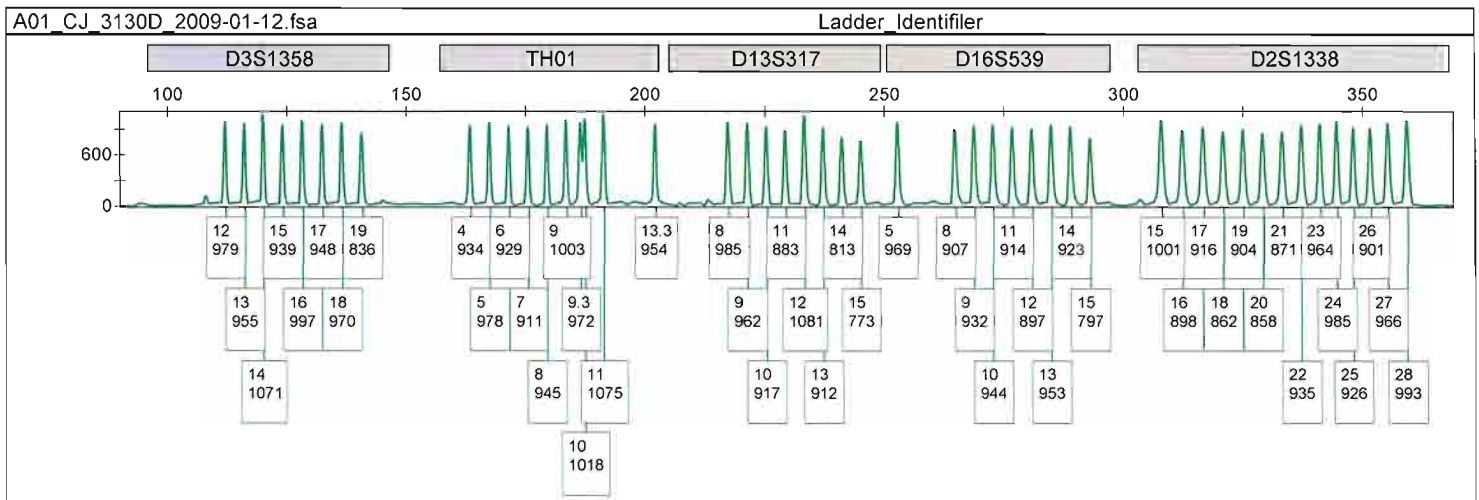
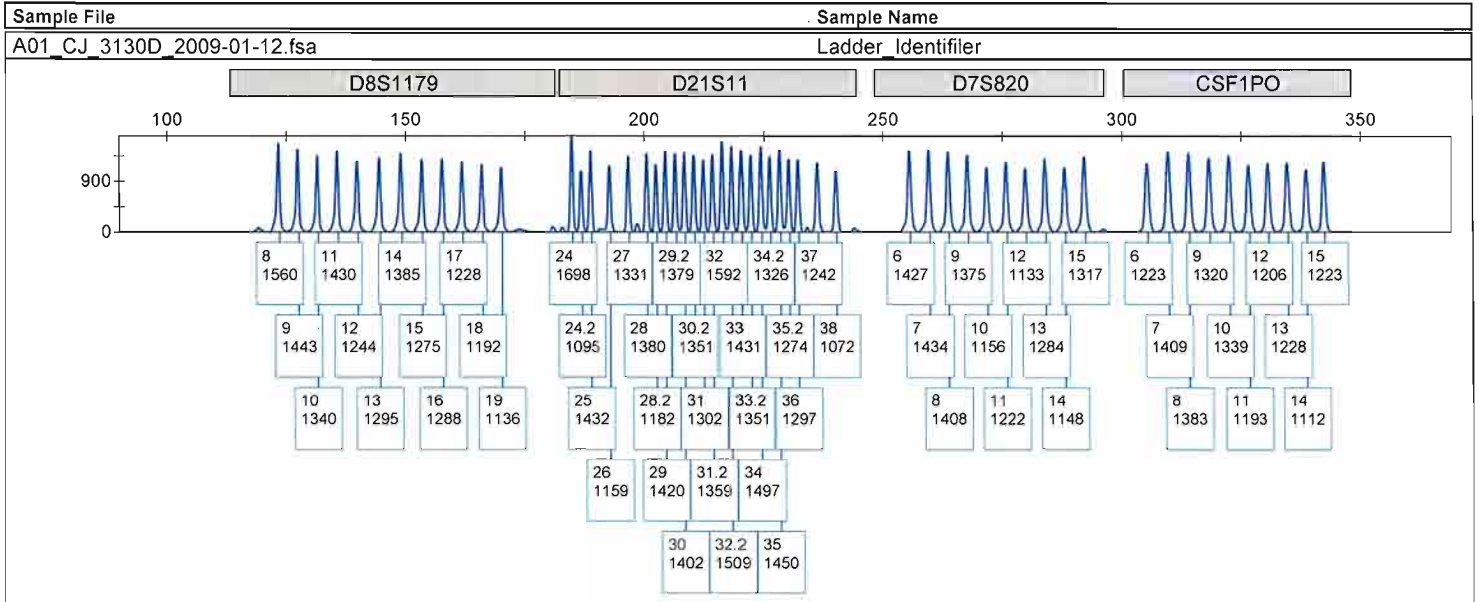


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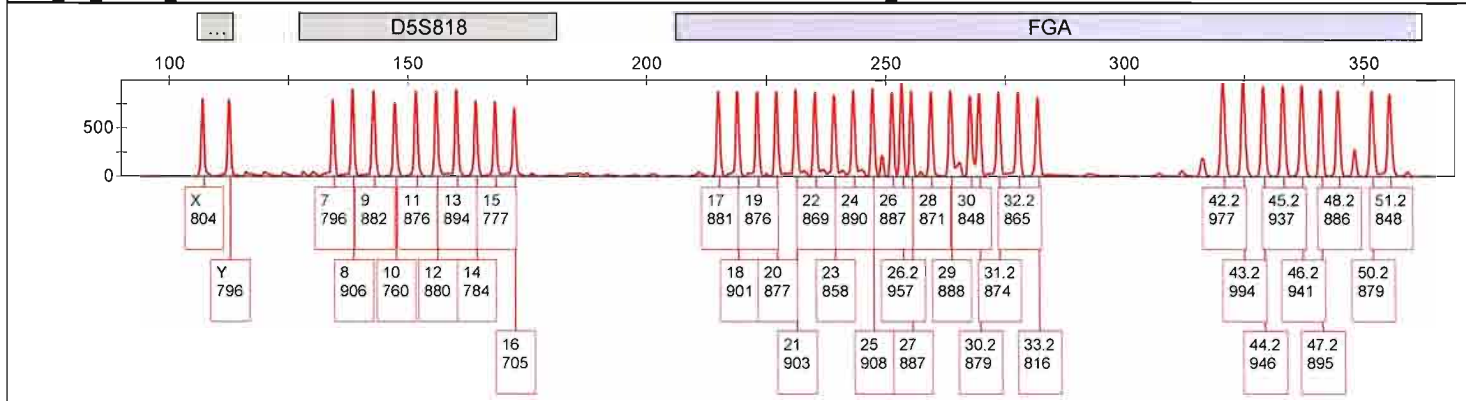


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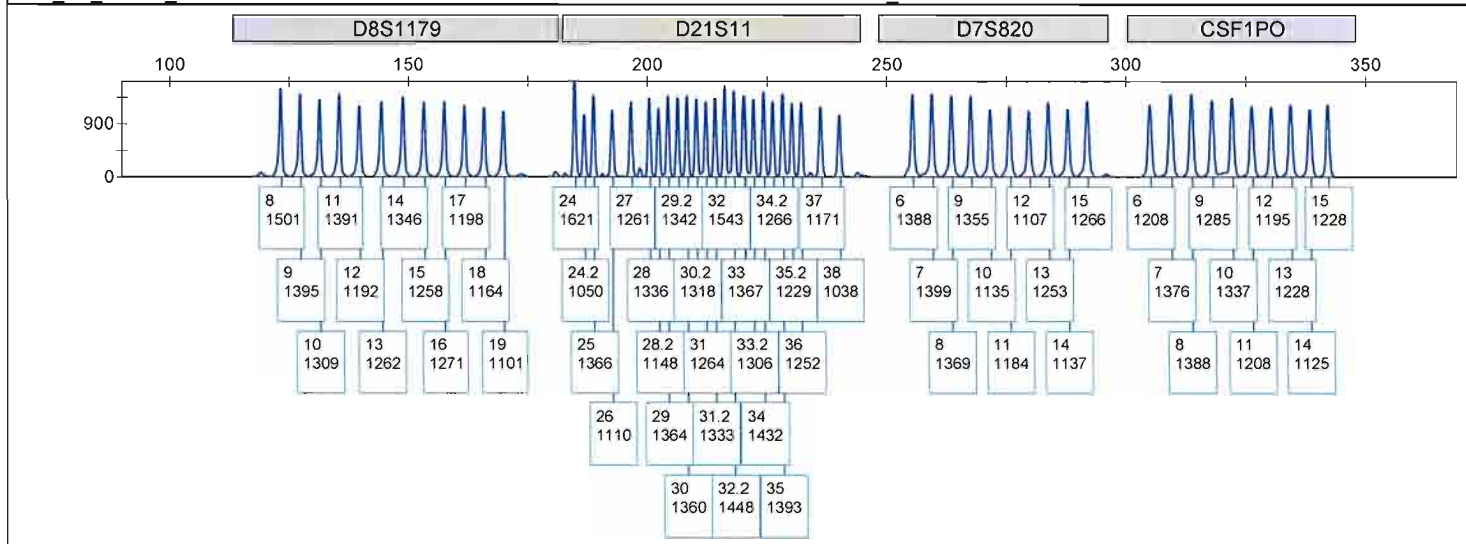




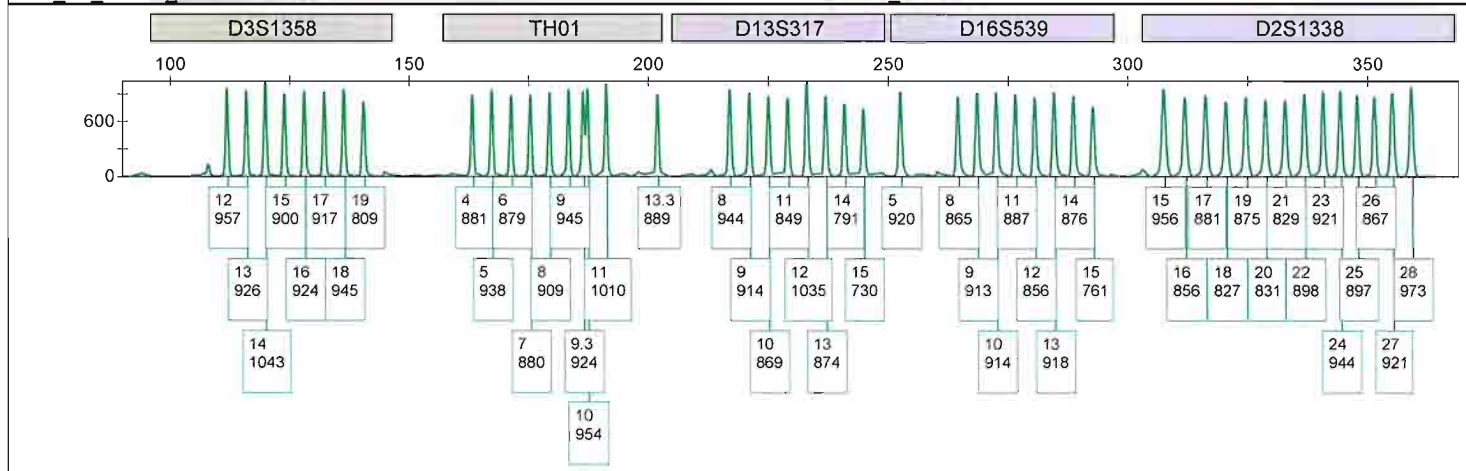
Sample File: A01_CJ_3130D_2009-01-12.fsa Sample Name: Ladder_Identifier

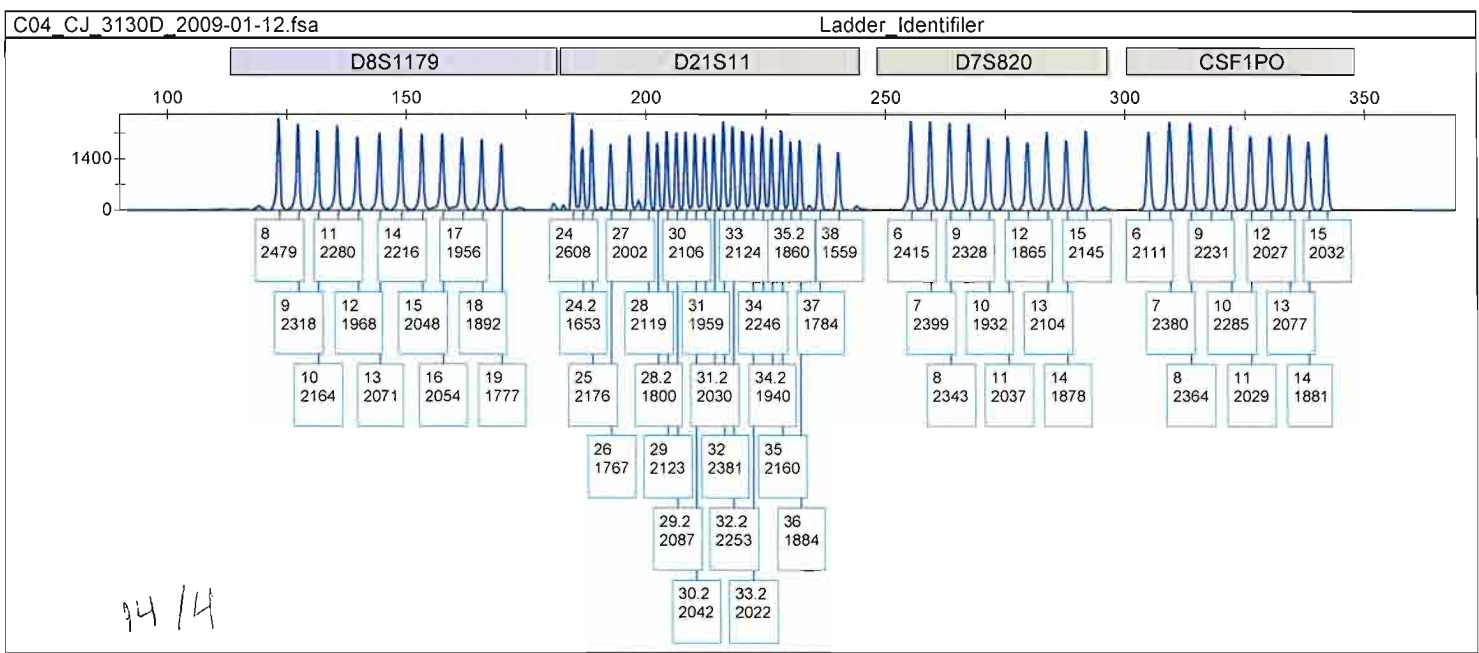
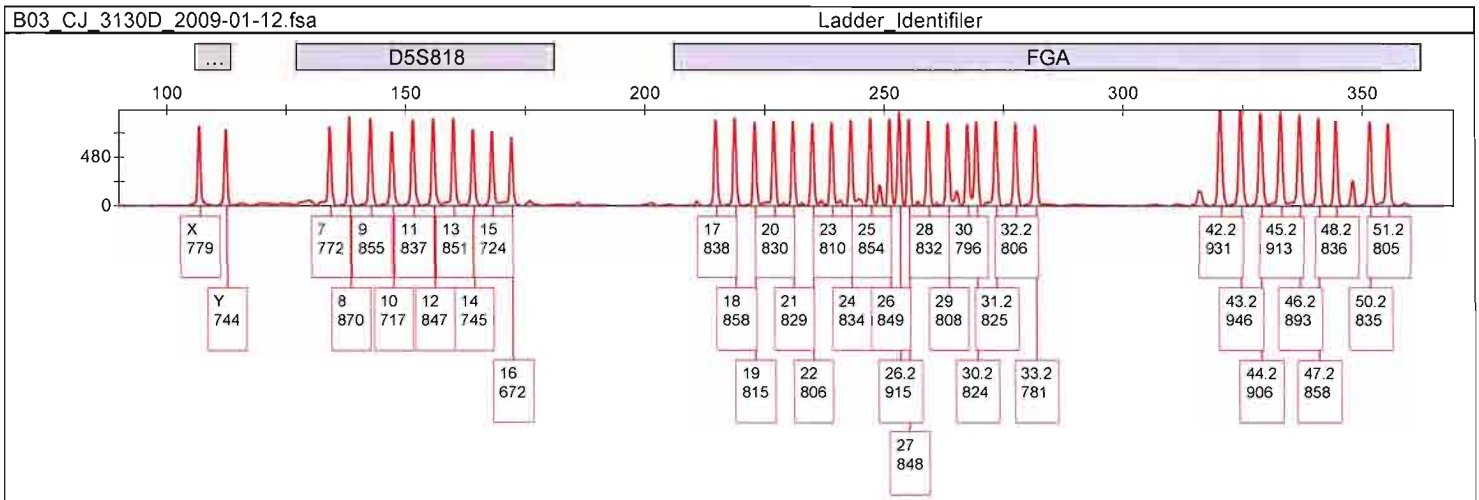
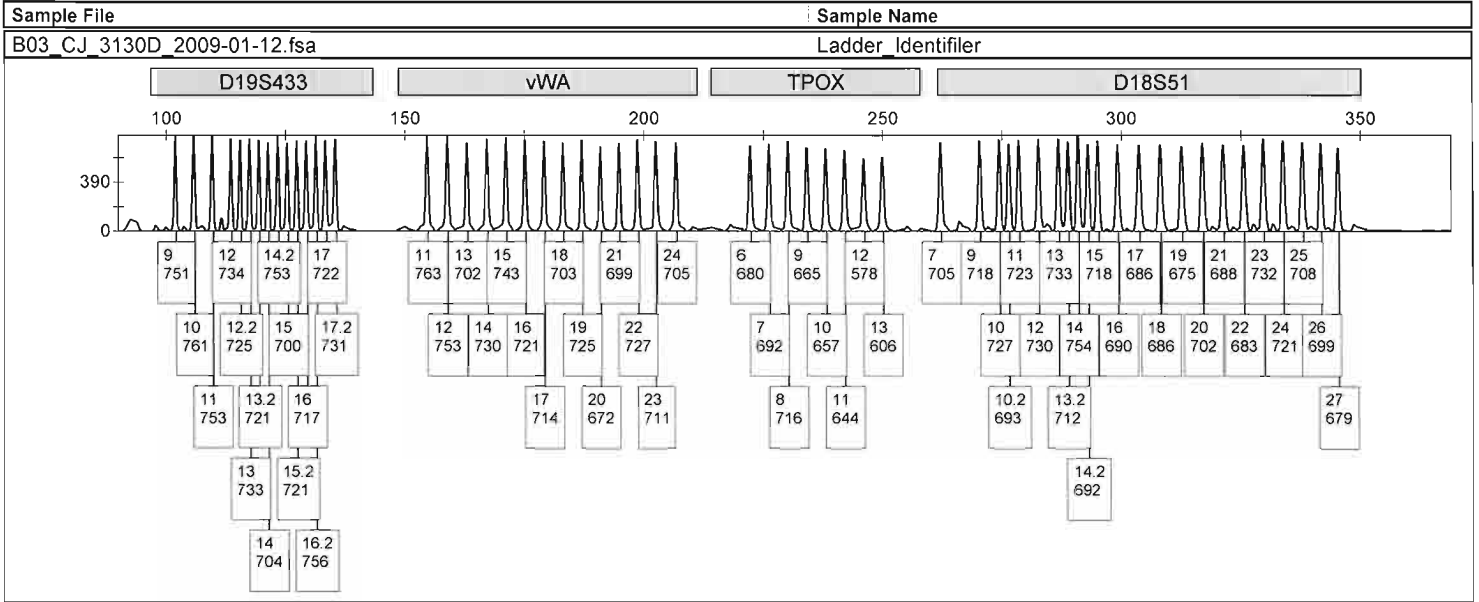


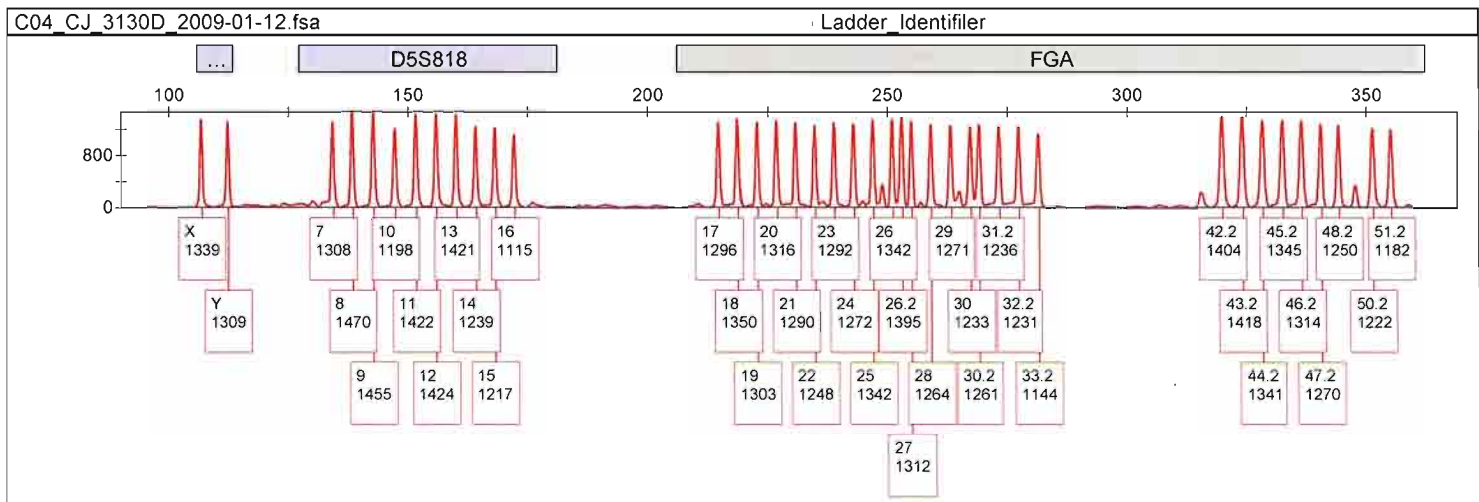
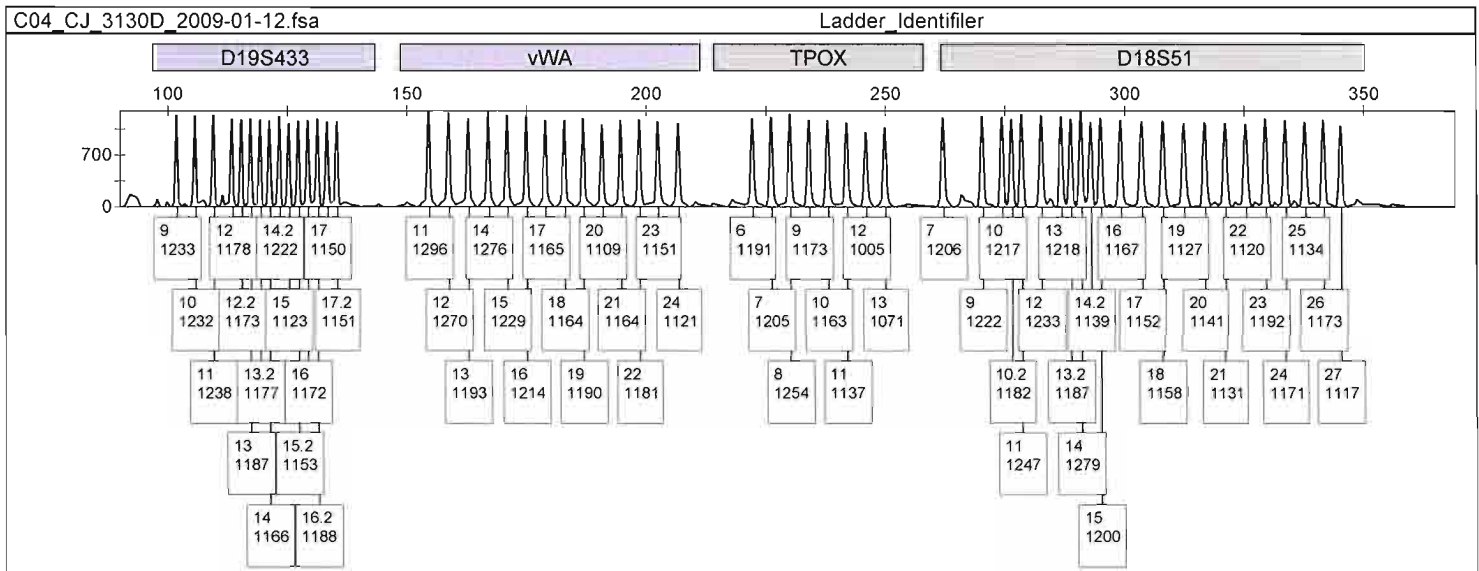
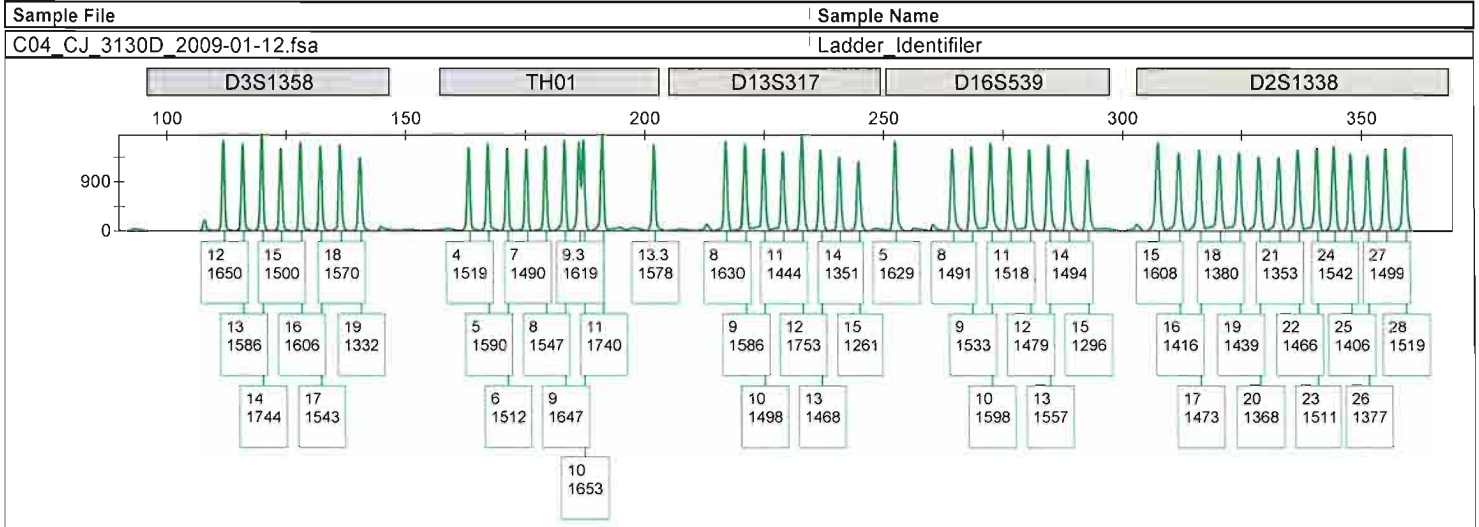
Sample File: B03_CJ_3130D_2009-01-12.fsa Ladder_Identifier



Sample File: B03_CJ_3130D_2009-01-12.fsa Ladder_Identifier

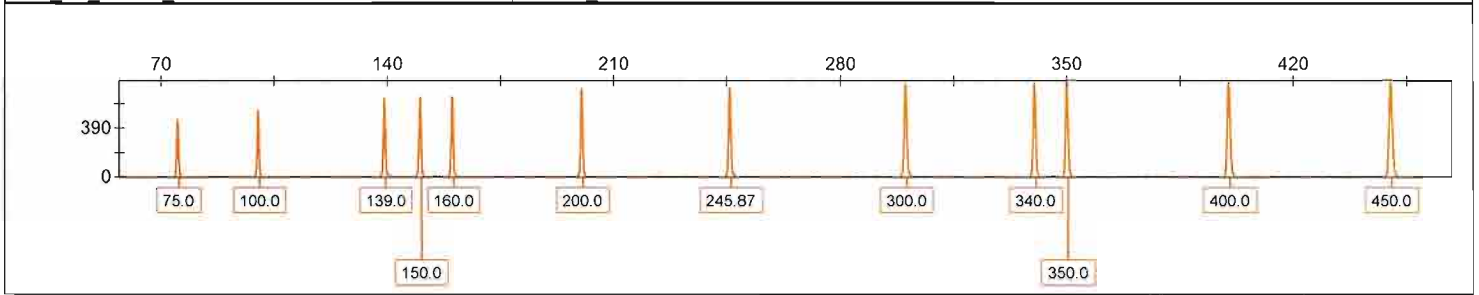




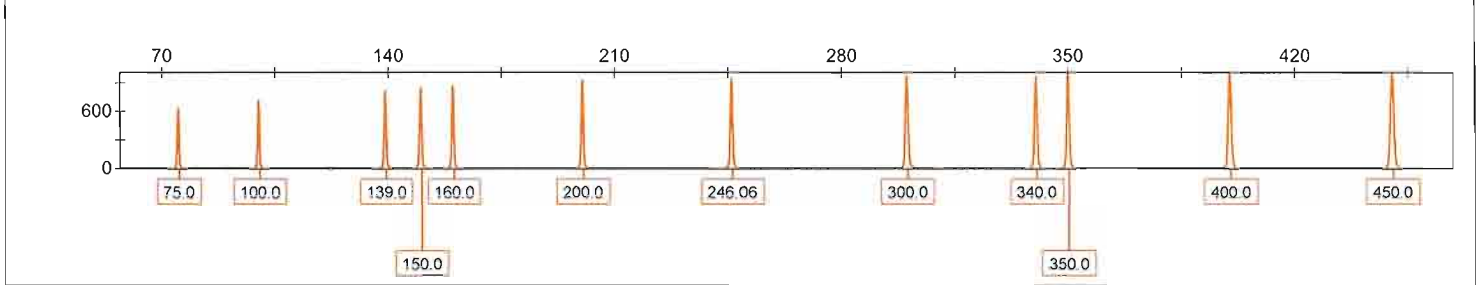


14/4

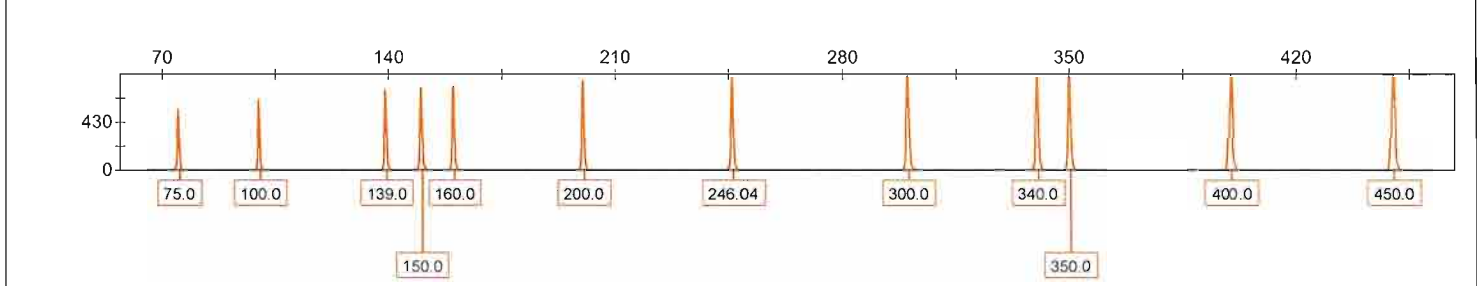
Sample File	Sample Name
A01_CJ_3130D_2009-01-12.fsa	Ladder Identifer



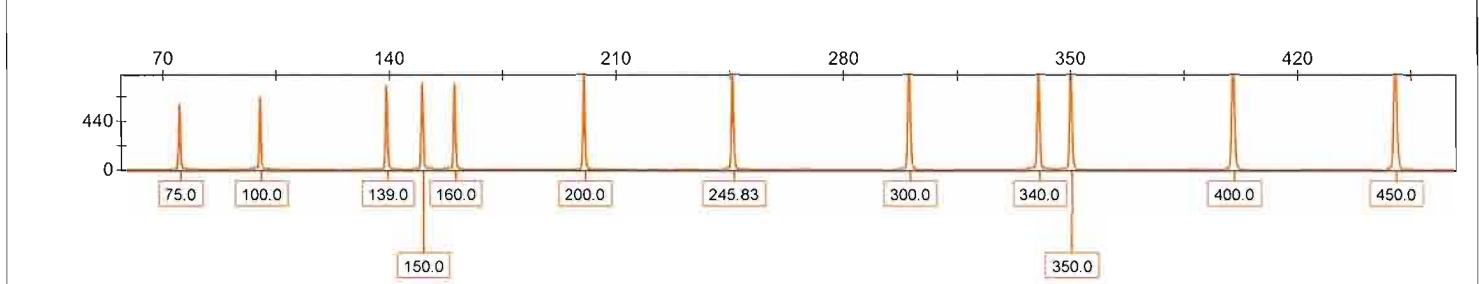
Sample File	Sample Name
F01_CJ_3130D_2009-01-12.fsa	CJ1291.1_08CJ2407Q1.1-10F1_crotch_of_shorts_from_BROODER_area_10F1



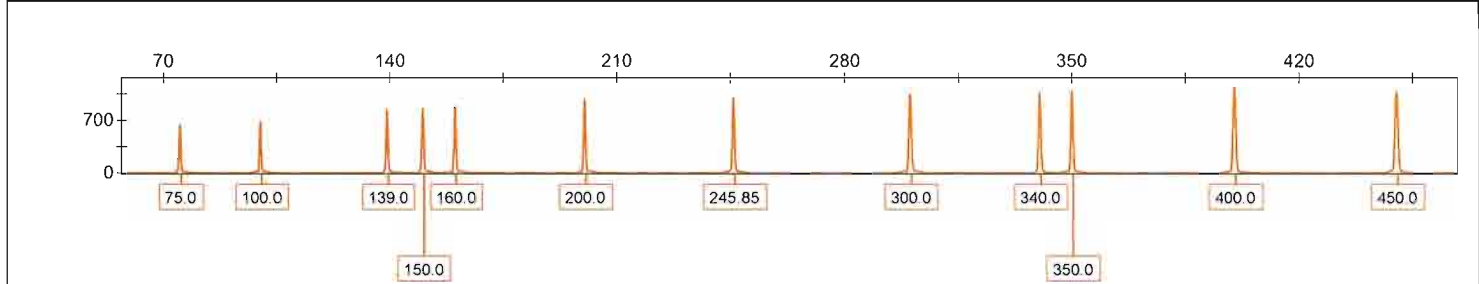
Sample File	Sample Name
G01_CJ_3130D_2009-01-12.fsa	CJ1291.2_08CJ2407Q1.1-10F2_crotch_of_shorts_from_BROODER_area_10F2



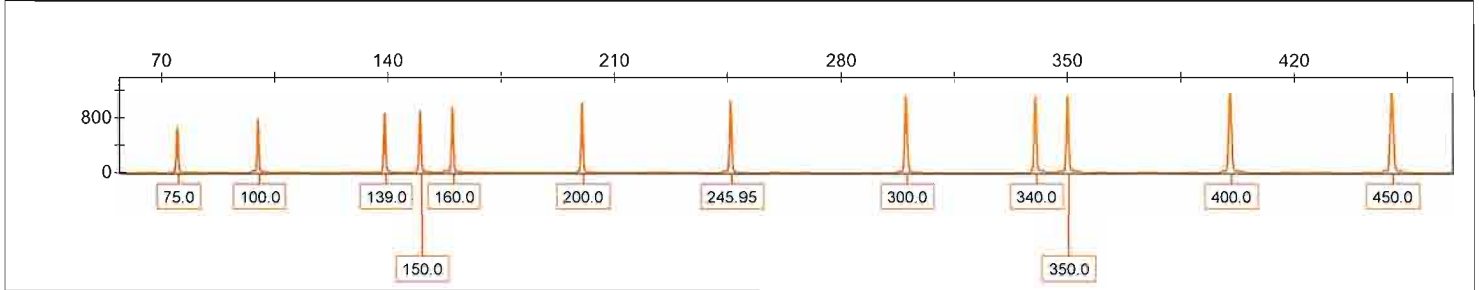
Sample File	Sample Name
H01_CJ_3130D_2009-01-12.fsa	CJ1291.3_08CJ2407Q1.1-10F3_crotch_of_shorts_from_BROODER_area_10F3



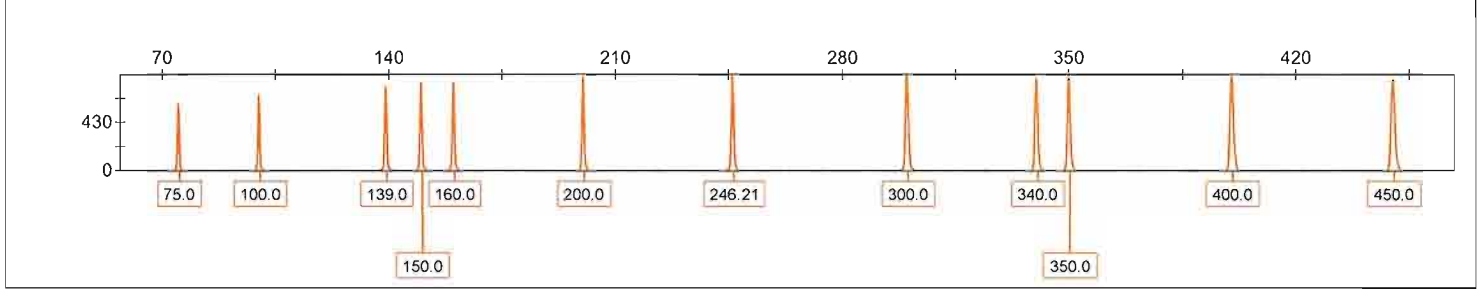
Sample File	Sample Name
A02_CJ_3130D_2009-01-12.fsa	CJ1292.1_08CJ2407Q1.2-16F1_crotch_of_jeans_from_BROODER_area_16F1



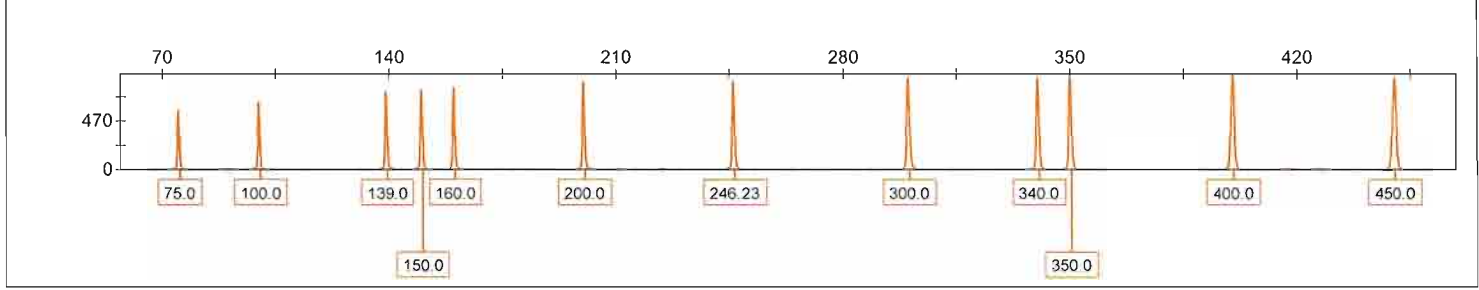
Sample File	Sample Name
B02_CJ_3130D_2009-01-12.fsa	CJ1292.3_08CJ2407Q1.2-16F3_crotch_of_jeans_from_BROODER_area_16F3



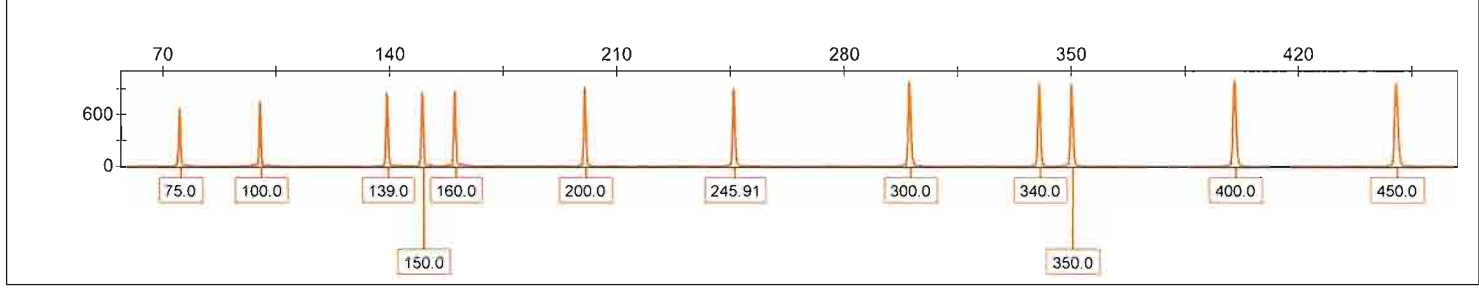
F02_CJ_3130D_2009-01-12.fsa	CJ1294.1_QA002F1_Semen_QA002F1_for_08CJ2314_2nd_ext_08CJ2407_08CJ2067_2nd_ext
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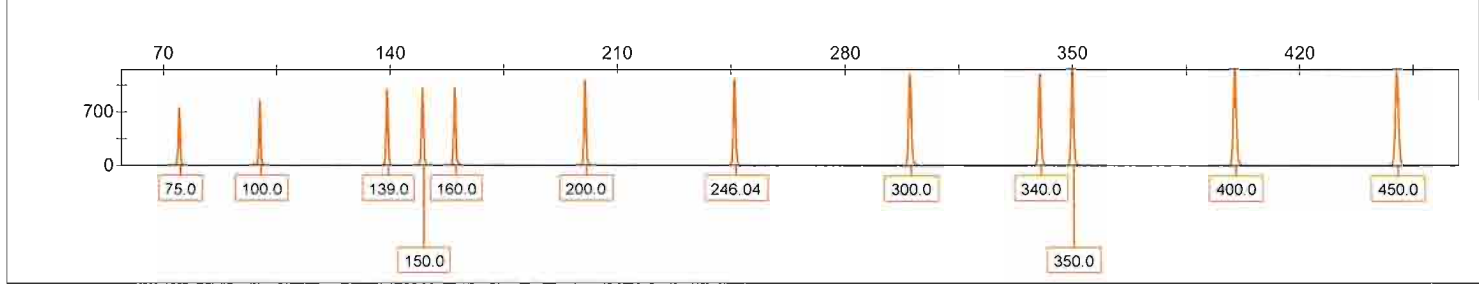
G02_CJ_3130D_2009-01-12.fsa	CJ1294.2_QA002F2_Semen_QA002F2_for_08CJ2314_2nd_ext_08CJ2407_08CJ2067_2nd_ext
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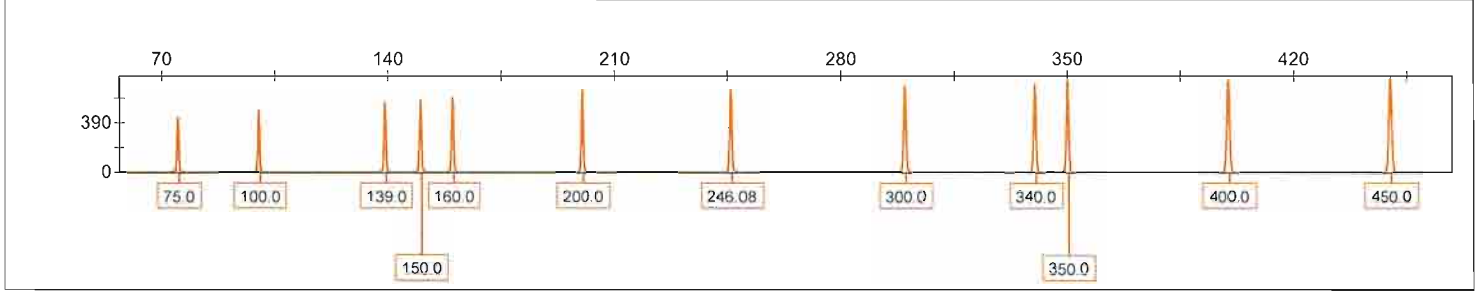
H02_CJ_3130D_2009-01-12.fsa	CJ1295.1_Reag_BlankF1_Reag_BlankF1_for_08CJ2314_2nd_ext_08CJ2407_08CJ2067_2nd_ext
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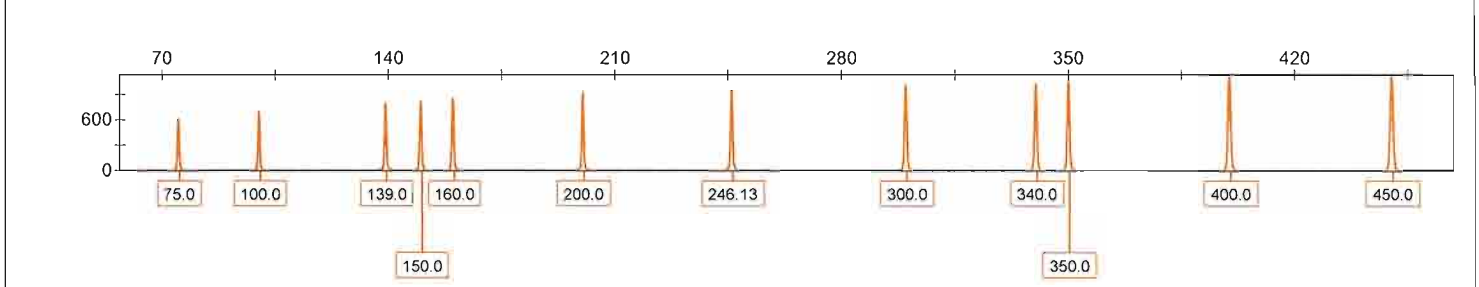
A03_CJ_3130D_2009-01-12.fsa	CJ1295.2_Reag_BlankF2_Reag_BlankF2_for_08CJ2314_2nd_ext_08CJ2407_08CJ2067_2nd_ext
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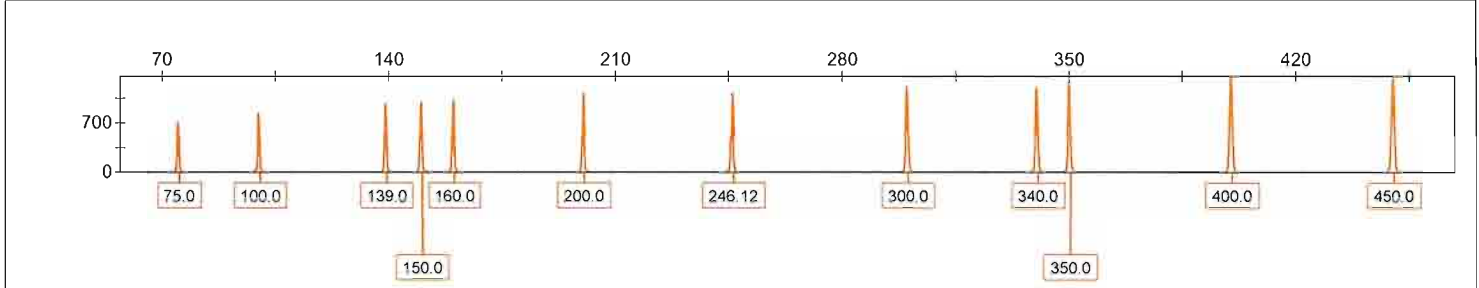
Sample File	Sample Name
B03_CJ_3130D_2009-01-12.fsa	Ladder Identifiler



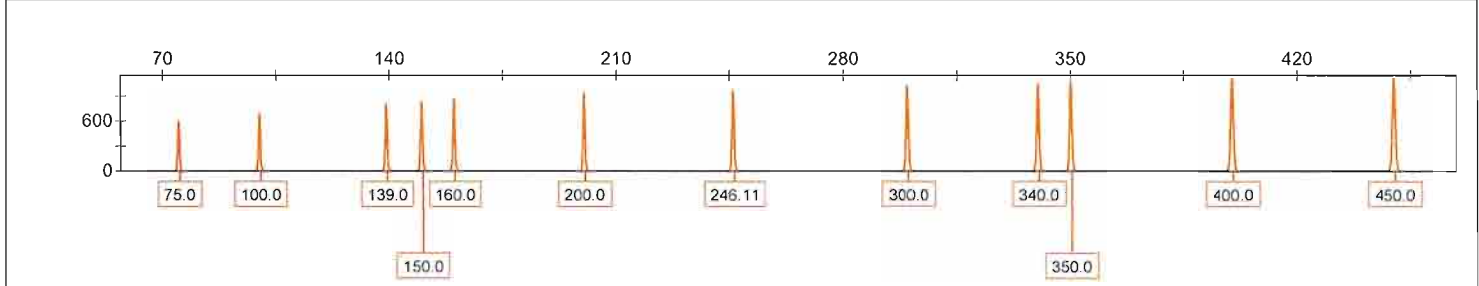
Sample File	Sample Name
C03_CJ_3130D_2009-01-12.fsa	CJ1296_08CJ2407K2 buccal swabs of BROODER



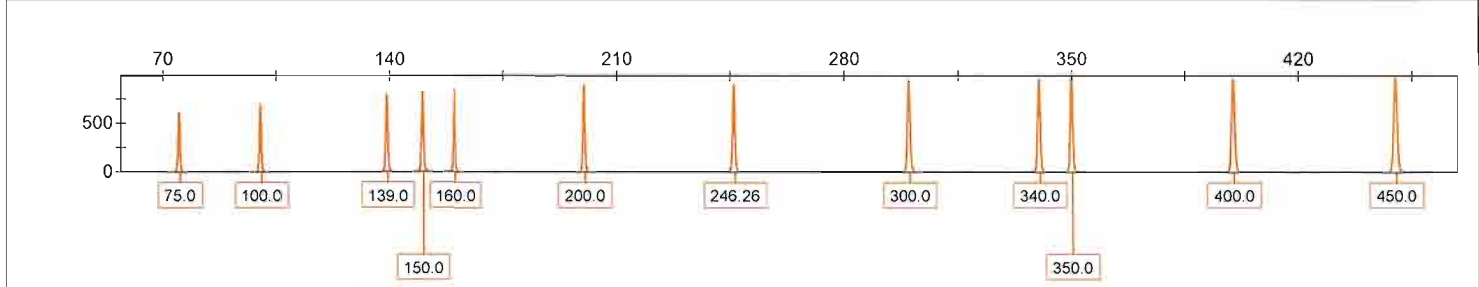
Sample File	Sample Name
D03_CJ_3130D_2009-01-12.fsa	CJ1297_08CJ2407K3 buccal swabs of EASLEY



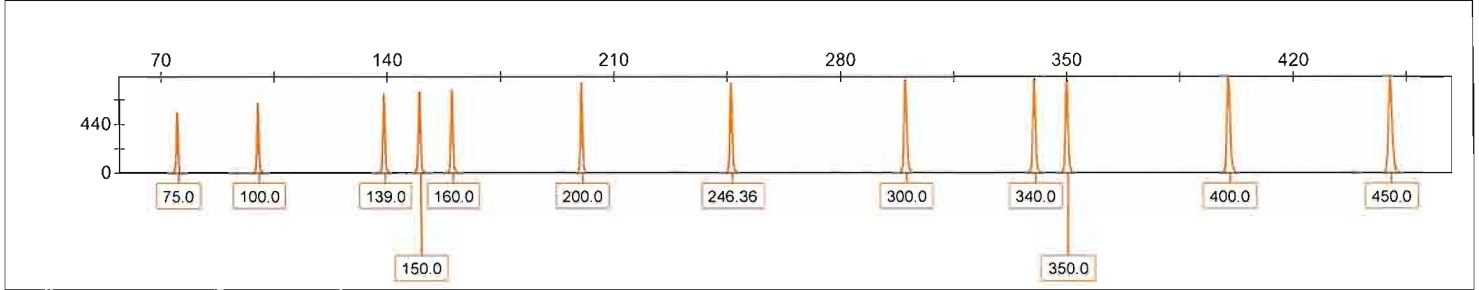
Sample File	Sample Name
E03_CJ_3130D_2009-01-12.fsa	CJ1298_QA164 Blood QA164 for 08CJ2407



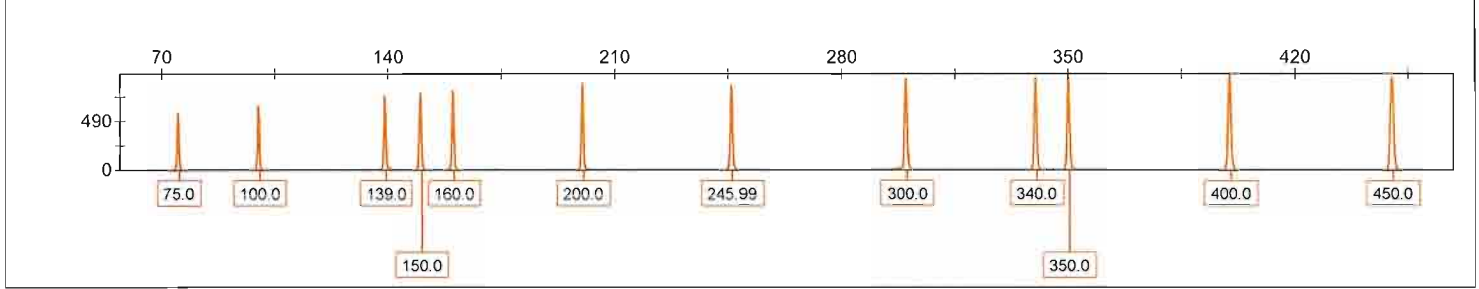
Sample File	Sample Name
F03_CJ_3130D_2009-01-12.fsa	CJ1299 Reag Blank Reag Blank for 08CJ2407



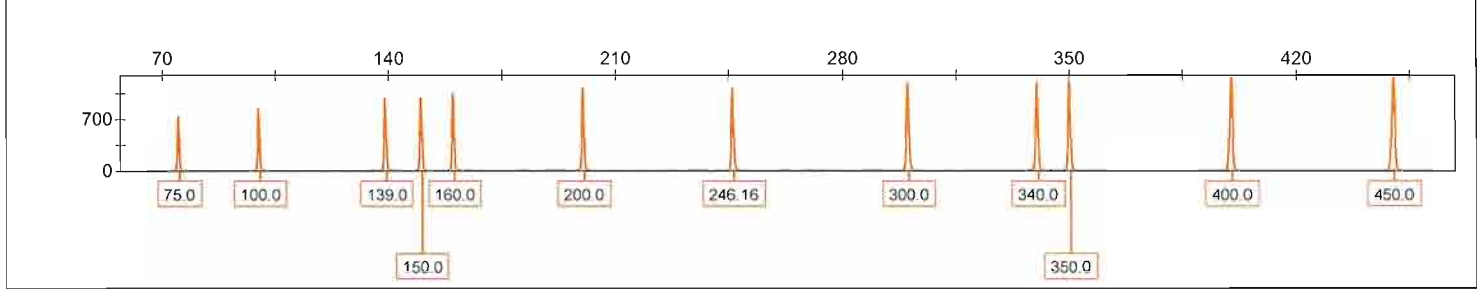
Sample File	Sample Name
G03_CJ_3130D_2009-01-12.fsa	CJ1300_Pos_Con_Pos_Con_for_08CJ2314_&_08CJ2067_2nd_ext_08CJ2407



Sample File	Sample Name
H03_CJ_3130D_2009-01-12.fsa	CJ1301_Neg_Con_Neg_Con_for_08CJ2314_&_08CJ2067_2nd_ext_08CJ2407



Sample File	Sample Name
C04_CJ_3130D_2009-01-12.fsa	Ladder_Identifier



Sample ID	D881179	D21511	D75820	CSF1FO	D3S1358	TH01	D13S317	D16S539	D2S1338	D19S433	NWA	TPOX	D18S51	Ampl	D5S818	FGA
08-2407 12Jan09.txt_08-2407 13Jan09.txt																
Ladders and Controls																
CP1294.1_QA002F1_Semen_QA002F1_for_08CJ2314_2nd_ext_08CJ2407_08CJ2067_2nd_ext_09-01-12-F02	13,14	29,30,2	10,11	10,11	15,16	6	11	11,12	16,19	13,14	14,18	18,11	14,15	X,Y	12,13	22,26
CP1294.2_QA002F2_Semen_QA002F2_for_08CJ2314_2nd_ext_08CJ2407_08CJ2067_2nd_ext_09-01-12-G02	13,14	29,30,2	10,11	10,11	15,16	6	11	11,12	16,19	13,14	14,18	18,11	14,15	X,Y	12,13	22,26
CP1295.1_Reag_BlankF1_for_08CJ2314_2nd_ext_08CJ2407_08CJ2067_2nd_ext_09-01-12-H02																
CP1295.2_Reag_BlankF2_for_08CJ2314_2nd_ext_08CJ2407_08CJ2067_2nd_ext_09-01-12-A03																
CP1298_QA164_Blood_QA164_for_08CJ2407_09-01-12-E03	15	29,30	11	12	15,18	7,8	12,14	8,10	19,23	15,16	18,20	18,11	12,13	X,Y	11,12	20,22
CP1299_Reag_Blank_Reag_Blank_for_08CJ2407_09-01-12-F03																
CP1300_Pos_Con_Pos_Con_for_08CJ2314_08CJ2067_2nd_ext_08CJ2407_09-01-12-G03	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
CP1301_Neg_Con_Neg_Con_for_08CJ2314_08CJ2067_2nd_ext_08CJ2407_09-01-12-H03	8,9,10,11,12,24,25,26,7,8,9,12,13,14,14,5,6,8,9,10,11,15,16,17,19,10,11,11,12,11,12,16,7,8,4,7,9,10,11,11,12,16,7,8,4,7,9,10,11,18,1	8,9,10,11,24,24,2,25,26,7,8,9,12,13,14,14,5,6,8,9,10,11,15,16,17,19,10,11,11,12,11,12,16,7,8,4,7,9,10,11,11,12,16,7,8,4,7,9,10,11,18,1	8,9,10,11,24,24,2,25,26,7,8,9,12,13,14,14,5,6,8,9,10,11,15,16,17,19,10,11,11,12,11,12,16,7,8,4,7,9,10,11,11,12,16,7,8,4,7,9,10,11,18,1	8,9,10,11,24,24,2,25,26,7,8,9,12,13,14,14,5,6,8,9,10,11,15,16,17,19,10,11,11,12,11,12,16,7,8,4,7,9,10,11,11,12,16,7,8,4,7,9,10,11,18,1	8,9,10,11,24,24,2,25,26,7,8,9,12,13,14,14,5,6,8,9,10,11,15,16,17,19,10,11,11,12,11,12,16,7,8,4,7,9,10,11,11,12,16,7,8,4,7,9,10,11,18,1	8,9,10,11,24,24,2,25,26,7,8,9,12,13,14,14,5,6,8,9,10,11,15,16,17,19,10,11,11,12,11,12,16,7,8,4,7,9,10,11,11,12,16,7,8,4,7,9,10,11,18,1										

Ladders, Controls and QA_Profiles are within established parameters
 Evaluate Ladders, Controls and QA_Profiles

CPB

U.S. v Capt Wacker

CE Record		CJ 3130D 2009-01-13										Run Date
1	2	3	4	5	6	7	8	9	10	11	12	
Identifiler Ladder	CJ1303 Identifiler *1											
CJ1270 Identifiler *1	Identifiler Ladder											
CJ1270 Identifiler *1	CJ1292.3 Identifiler *1 1.2ul											
CJ1271 Identifiler *1	Identifiler Ladder*2											
CJ1271 Identifiler *1	Blank											
CJ1302 Identifiler *1	Blank											
CJ1302 Identifiler *1	Blank											
CJ1303 Identifiler *1	Blank											

*1 = 10SEC, *2 = 14SEC

Identifiler	
Buffer	0804292
Formamide	0708018
Int Size Std	0804086
Ladder	0800012
Polymer	0809051
3130D Array	36E00606

New Identifiler Ladder lot in A1 & B2 for GC lot 0801011

000390

Christie Johnson

08.2407

CE Record		CJ_3130D_2009-01-12								Run Date	12-Jan-09
1	2	3	4	5	6	7	8	9	10	11	12
A	Identifier Ladder CJ1292.1 Identifier *1	CJ1295.2 Identifier *1	CJ1293.2 Identifier *2 1.2ul								
B	Identifier CJ1272.1 Identifier *1	Identifier Ladder CJ1292.3 Identifier *1	Identifier *2 CJ1293.3 Identifier *2 1.2ul								
C	Identifier CJ1274.1 Identifier *1	Identifier *1 CJ1296 Identifier *1	Identifier Ladder *2 CJ1297 Identifier *1								
D	Identifier CJ1274.2 Identifier *1	Identifier *1 CJ1293.2 Identifier *1	Blank CJ1298 Identifier *1								
E	Identifier CJ1274.3 Identifier *1	Identifier *1 CJ1294.1 Identifier *1	Blank CJ1299 Identifier *1								
F	Identifier CJ1291.1 Identifier *1	Identifier *1 CJ1294.2 Identifier *1	Blank CJ1300 Identifier *1								
G	Identifier CJ1291.2 Identifier *1	Identifier *1 CJ1295.1 Identifier *1	Blank CJ1301 Identifier *1								
H	Identifier CJ1291.3 Identifier *1										

*1 = 10SEC, *2 = 14SEC

Identifier
Buffer
Formamide
Int Size Std
Ladder
Polymer
3130D Array

0.6ul sample load unless noted
1ul ladder load

Amp Record		Description				Run Date		12-Jan-09	
Log #	Sample ID	Total ul	(dil) ~ ng Amp	Extr ul	TE ul	System	Quant ng/ul		
C11272.1 R	08CJ2314Q13(8) F1	10	2.5	1.1	8.9	Identifier	2.181		
C11274.1 R	08CJ2067Q3(2)1 F1	10	(1+38) 2.5	2.5	7.5	Identifier	38.686		
C11274.2 R	08CJ2067Q3(2)1 F2	10	2.5	3.9	6.1	Identifier	0.18 [0.630]		
C11274.3 R	08CJ2067Q3(2)1 F3	10	2.5	0.8	9.2	Identifier	3.056		
C11291.1	08CJ2407Q1.1-10F1	10	(1+18) 2.5	2.5	7.5	Identifier	18.381		
C11291.2	08CJ2407Q1.1-10F2	10	2.5	6.5	3.5	Identifier	0.383		
C11291.3	08CJ2407Q1.1-10F3	10	1.85	10	0	Identifier	0.042 [0.185]		
C11292.1	08CJ2407Q1.2-16F1	10	2.6	0.5	9.6	Identifier	5.247		
C11292.3	08CJ2407Q1.2-16F3	10	2.5	5.8	4.2	Identifier	0.122 [0.427]		
C11293.1	08CJ2314Q2.4F1	10	2.5	2	8	Identifier	1.223		
C11293.2	08CJ2314Q2.4F2	10	0.29	10	0	Identifier	0.007 [0.029]		
C11293.3	08CJ2314Q2.4F3	10	0.45	10	0	Identifier	0.011 [0.045]		
C11294.1	QA002F1 for 08CJ2314 2nd ext, 08CJ2407, 08CJ2067 2nd ext	10	2.4	10	0	Identifier	0.074 [0.294]		
C11294.2	QA002F2 for 08CJ2314 2nd ext, 08CJ2407, 08CJ2067 2nd ext	10	1.9	10	0	Identifier	0.193 [0.72]		
C11295.1	Reag. Blank F1 for 08CJ2314 2nd ext, 08CJ2407, 08CJ2067 2nd ext	10	0	10	0	Identifier	0		
C11295.2	Reag. Blank F2 for 08CJ2314 2nd ext, 08CJ2407, 08CJ2067 2nd ext	10	0	10	0	Identifier	0		
C11296	08CJ2407K2	10	(1+14) 2.5	2.5	7.5	Identifier	14.98		
C11297	08CJ2407K3	10	2.5	0.6	9.4	Identifier	4.3		
C11298	QA164	10	2.5	8.2	1.8	Identifier	0.304		
C11299	Reag. Blank for 08CJ2407	10	0	10	0	Identifier	0		
C11300	Pos Con for 08CJ2314 & 08CJ2067 2nd ext, 08CJ2407	10	1	10	0	Identifier	0		
C11301	Neg Con for 08CJ2314 & 08CJ2067 2nd ext, 08CJ2407	10	0	0	10	Identifier	0		

22 Identifier samples; adjusted for double-Amps		Master Mix
Rxt Mix	0805135	231 ul
Primer	0809063	121 ul
Taq	KP 2861	11 ul
Pos Con	0806062	
TE	TE-08 004	
Thermal Cycler	A	

[] estimated volume after microcon

MICROCON CONCENTRATION WORKSHEET

Log #	PRE-MICROCON				POST-MICROCON		
	Quantitation (ng/ul)	Total Volume (ul)	Total ng (ng/ul) x (ul)	Adjusted Volume (for microcon)	Microcon Volume (ul)	Final Volume (ul) (TE added)	Final ng/ul (total ng)/(final ul)
CJ1274.2 R	0.18	35	6.3	50	3.4	10	0.630
CJ1291.3	0.042	44	1.848	50	2.5	10	0.185
CJ1292.3	0.122	35	4.27	50	3.6	10	0.427
CJ1293.2	0.007	42	0.294	50	3.5	10	0.029
CJ1293.3	0.011	41	0.451	50	2.7	10	0.045
CJ1294.1	0.074	32	2.368	50	3.2	10	0.232
		30	(2)				(2)
Comments:							
2.3 x 1000 rpm for 12 min.							
3.3 x 1000 rpm for 3 min.							
TE Lot #: TE 08 024							
Microcon Lot #: R0N198802							

Quant Record	CJ_HM_2009-01-08_Desc.txt	Total Human Total MALE HID Template						Run Date			
1	2	3	4	5	6	7	8	9	10	11	12
A	50 ng/ul std.: 50	CJ1272.1 R; 2.181	CJ1274.3 R; 3.056	CJ1293.2; 0.007	CJ1298; 0.304	50 ng/ul std.: 50	50 ng/ul std.: 50	CJ1272.1 R; 0.014	CJ1274.3 R; 0.005	CJ1293.2; 0.001	
B	16.7 ng/ul std.: 16.67	CJ1272.2 R; 18.381	CJ1291.1; 18.381	CJ1293.3; 0.011	CJ1299; 0	16.7 ng/ul std.: 16.67	16.7 ng/ul std.: 16.67	CJ1272.2 R; 0	CJ1291.1; 0.158	CJ1293.3; 0	
C	5.56 ng/ul std.: 5.56	CJ1272.3 R; 0.003	CJ1291.2; 0.383	CJ1294.1; 0.074		5.56 ng/ul std.: 5.56	5.56 ng/ul std.: 5.56	CJ1272.3 R; 0	CJ1291.2; 0.178		
D	1.85 ng/ul std.: 1.85	CJ1273.1 R; 0.002	CJ1291.3; 0.042	CJ1294.2; 0.193		1.85 ng/ul std.: 1.85	1.85 ng/ul std.: 1.85	CJ1273.1 R; 0	CJ1291.3; 0.012		
E	0.620 ng/ul std.: 0.62	CJ1273.2 R; 5.247	CJ1292.1; 5.247	CJ1295.1; 0		0.620 ng/ul std.: 0.62	0.620 ng/ul std.: 0.62	CJ1273.2 R; 0	CJ1292.1; 0		
F	0.210 ng/ul std.: 0.21	CJ1273.3 R; 0.003	CJ1292.2; 0.003	CJ1295.2; 0		0.210 ng/ul std.: 0.21	0.210 ng/ul std.: 0.21	CJ1273.3 R; 0	CJ1292.2; 0		
G	0.068 ng/ul std.: 0.068	CJ1274.1 R; 38.686	CJ1292.3; 0.122	CJ1296; 14.98		0.068 ng/ul std.: 0.068	0.068 ng/ul std.: 0.068	CJ1274.1 R; 0	CJ1292.3; 0		
H	0.023 ng/ul std.: 0.023	CJ1274.2 R; 0.18	CJ1293.1; 1.223	CJ1297; 4.3		0.023 ng/ul std.: 0.023	0.023 ng/ul std.: 0.023	CJ1274.2 R; 0.055	CJ1293.1; 0.004		

* ENS for amp
M = MICROLITER

Human Quant	Master Mix
Rxt Mix 0808046	550 ul
Primer Mix 0808043	462 ul
Size Std 0810102	
7900 B	

Slope -2.994406	The slope value is within the allowed range
R ² 0.9968258	The R ² value is within the allowed range
Y intercept 28.485413	

Male Quant	Master Mix
Rxt Mix 0803041	450 ul
Primer Mix 0803022	378 ul
Size Std 0810102	
7900 B	

Slope -3.3965952	The slope value is within the allowed range
R ² 0.99547493	The R ² value is within the allowed range
Y intercept 29.184603	

Some sample(s) have VIC IPC Ct values < 27 or > 29.
IPC - all crossed threshold
ek

Christie Johnson

08-2067-087
2407

Extraction Record		Date	8-Jan-2009
Start Date / Time:	8 Jan 09 9:07 am		
End Date / Time:	9 Jan 09 11:40 am		

Differential F1:	8 Jan 09 9:07 am	8 Jan 09 10:50 am	57.5°C
Differential F2/F3:	8 Jan 09 12:10 pm	9 Jan 09 9:25 am	57.5°C

Log #	Sample ID	Description	Sperm	~ Extr vol ul
CJ1272.1 R	08CJ2314Q13(8) F1	penile swabs of GONZALEZ F1 2 of		41
CJ1272.2 R	08CJ2314Q13(8) F2	penile swabs of GONZALEZ F2 ~1/4 from 3 swabs, ~1/4 remains	Neg	45
CJ1272.3 R	08CJ2314Q13(8) F3	penile swabs of GONZALEZ F3		47
CJ1273.1 R	08CJ2314Q13(9) F1	scrotal swabs of GONZALEZ F1 2 of		50
CJ1273.2 R	08CJ2314Q13(9) F2	scrotal swabs of GONZALEZ F2 ~1/4 from 2 swabs, ~1/4 remains	Neg	45
CJ1273.3 R	08CJ2314Q13(9) F3	scrotal swabs of GONZALEZ F3		43
CJ1274.1 R	08CJ2067Q3(2) F1	vaginal swabs of STRUTTON F1		701
CJ1274.2 R	08CJ2067Q3(2) F2	vaginal swabs of STRUTTON F2 ~1/4 from 4 of 4 swabs, ~1/2 each remains	1+	39
CJ1274.3 R	08CJ2067Q3(2) F3	vaginal swabs of STRUTTON F3		48
CJ1291.1	08CJ2407Q1.1-10F1	crotch of shorts from BROODER area 10F1		47
CJ1291.2	08CJ2407Q1.1-10F2	crotch of shorts from BROODER area 10F2	3+	43
CJ1291.3	08CJ2407Q1.1-10F3	crotch of shorts from BROODER area 10F3		48
CJ1292.1	08CJ2407Q1.2-16F1	crotch of jeans from BROODER area 16F1		44
CJ1292.2	08CJ2407Q1.2-16F2	crotch of jeans from BROODER area 16F2	2+	41
CJ1292.3	08CJ2407Q1.2-16F3	crotch of jeans from BROODER area 16F3		39
CJ1293.1	08CJ2314Q2.4F1	crotch of pants of LYMANF1		45
CJ1293.2	08CJ2314Q2.4F2	crotch of pants of LYMANF2	Neg	46
CJ1293.3	08CJ2314Q2.4F3	crotch of pants of LYMANF3		45
CJ1294.1	QA002F1	Semen QA002F1 for 08CJ2314 2nd ext, 08CJ2407, 08CJ2067 2nd ext		36
CJ1294.2	QA002F2	Semen QA002F2 for 08CJ2314 2nd ext, 08CJ2407, 08CJ2067 2nd ext		40
CJ1295.1	Reag BlankF1	Reag BlankF1 for 08CJ2314 2nd ext, 08CJ2407, 08CJ2067 2nd ext		40
CJ1295.2	Reag BlankF2	Reag BlankF2 for 08CJ2314 2nd ext, 08CJ2407, 08CJ2067 2nd ext		44

Digest Buffer DE-08-006

Christie Johnson *CSJ*

08.2007
2407

Extraction Record	Date
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DTT	DT-08-006
Phenol	1988B174
PCI	1768P004
Pro K	PK-08-012
Na Perc	SP-08-002
TE Buffer	TF-08-004

Christie Johnson *CSJ*

Extraction Record		Date	8-Jan-09
Start Date / Time:	08 Jan 09 9:20am		
End Date / Time:	09 Jan 09 11:50am		
Non-Differential:	Start	Stop	Temp
	08 Jan 09 9:20am	09 Jan 09 9:15am	57.5°C
Log #	Sample ID	Description	
CJ1296	08CJ2407K2	buccal swabs of BROODER	
CJ1297	08CJ2407K3	buccal swabs of EASLEY	
CJ1298	QA164	Blood QA164 for 08CJ2407	
CJ1299	Reag Blank	Reag Blank for 08CJ2407	
Digest Buffer	DB-08-006		
DTT	NA		
Phenol	1988 B174		
PCI	1768P004		
Pro K	PK-08-012		
Na Perc	SP-08-002		
TE Buffer	TE-08-004		

→ samples removed from incubation + NaPerc added; extraction resumed @ 10:45am 09 Jan 09.

Christie Johnson *CJ*

Log#	Sample ID	Description	Comments
CJ1291.1	08CJ2407Q1.1-10F1	crotch of shorts from BROODER area 10F1	
CJ1291.2	08CJ2407Q1.1-10F2	crotch of shorts from BROODER area 10F2	
CJ1291.3	08CJ2407Q1.1-10F3	crotch of shorts from BROODER area 10F3	
CJ1292.1	08CJ2407Q1.2-16F1	crotch of jeans from BROODER area 16F1	
CJ1292.2	08CJ2407Q1.2-16F2	crotch of jeans from BROODER area 16F2	
CJ1292.3	08CJ2407Q1.2-16F3	crotch of jeans from BROODER area 16F3	
CJ1294.1	QA002F1	Semen QA002F1 for 08CJ2314 2nd ext, 08CJ2407, 08CJ2067 2nd ext	
CJ1294.2	QA002F2	Semen QA002F2 for 08CJ2314 2nd ext, 08CJ2407, 08CJ2067 2nd ext	
CJ1295.1	Reag BlankF1	Reag BlankF1 for 08CJ2314 2nd ext, 08CJ2407, 08CJ2067 2nd ext	
CJ1295.2	Reag BlankF2	Reag BlankF2 for 08CJ2314 2nd ext, 08CJ2407, 08CJ2067 2nd ext	
CJ1296	08CJ2407K2	buccal swabs of BROODER	
CJ1297	08CJ2407K3	buccal swabs of EASLEY	
CJ1298	QA164	Blood QA164 for 08CJ2407	
CJ1299	Reag Blank	Reag Blank for 08CJ2407	
CJ1300	Pos Con	Pos Con for 08CJ2314 & 08CJ2067 2nd ext, 08CJ2407	
CJ1301	Neg Con	Neg Con for 08CJ2314 & 08CJ2067 2nd ext, 08CJ2407	

cbj



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

CILA-DNA

15 January 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
Submitter Case Number: 12JUN08-MWMM-0025-8FMA

EXHIBITS:

- 1 - Shorts and jeans of BROODER., ECD: 606-08, Item#: B.
- 1.1 - Shorts.
- 1.2 - Jeans.
- 2 - Swabs of BROODER., ECD: 363-08, Item#: A.
- 3 - Swabs of EASLEY., ECD: 369-08, Item#: A.

FINDINGS:

- 1. Semen was identified on the shorts and jeans.
- 2. DNA (deoxyribonucleic acid) was extracted from the following samples:
 - Cutting from crotch of shorts
 - Cutting from crotch of jeans
 - Buccal swab of BROODER
 - Buccal swab of EASLEY.
- 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. A mixture of DNA profiles from at least two individuals was obtained from the crotch of the shorts.
 - A. The semen DNA profile is consistent with originating from an unknown individual that genetically types as male. The DNA results may be compared to other potential



AN ASCLD/LAB ACCREDITED LABORATORY (SINCE 1985)

Handwritten: TR 160 22 Jan 09

Handwritten: TR 160 20 Jan 09

Handwritten: CBJ

CILA-DNA

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

DNA contributors when suitable standards for comparison are submitted to this laboratory.

B. This DNA profile will be submitted to CODIS (Combined DNA Index System).

C. The non-semen DNA profile matches the profile from BROODER.

5. A mixture of DNA profiles from at least two individuals was obtained from the crotch of the jeans.

A. The major DNA profile matches the profile from BROODER.

B. Additional genetic typing information was detected but cannot be conclusively interpreted.

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

7. 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.

Point of Contact: christie.johnson3@us.army.mil,
CM 404-469-4772, DSN 797-4772.

CBJ

CHRISTIE JOHNSON
Forensic DNA Examiner

*AK
1/14/09
22 Jan 09*

*TRB
20 Jan 09*

CBJ



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

CILA-DNA

Review

15 January 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 ✓
Submitter Case Number: 12JUN08-MWMM-0025-8FMA ✓

EXHIBITS:

remove extra ... in all exhibit (1, 2, 3) → IMP LIMS format OK do not change

- 1 - Shorts and jeans of BROODER, ECD: 606-08, Item#: B. ✓
- 1.1 - Shorts.
- 1.2 - Jeans.
- 2 - Swabs of BROODER, ECD: 363-08, Item#: A. ✓
- 3 - Swabs of EASLEY, ECD: 369-08, Item#: A. ✓

*1.1-10
1.2-16*

FINDINGS:

- ✓ 1. Semen was identified on the shorts and jeans. ✓
- ✓ 2. DNA (deoxyribonucleic acid) was extracted from the following samples:
 - Cutting from crotch of shorts ✓
 - Cutting from crotch of jeans ✓
 - Buccal swab of BROODER ✓
 - Buccal swab of EASLEY. ✓
- ✓ 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. A mixture of DNA profiles from at least two individuals was obtained from the crotch of the shorts.
 - ✓ A. The semen DNA profile is consistent with originating from an unknown individual that genetically types as male. The DNA results may be compared to other potential



AN ASCLD/LAB ACCREDITED LABORATORY (SINCE 1985)

obj

CILA-DNA

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

DNA contributors when suitable standards for comparison are submitted to this laboratory.

- ✓ B. This DNA profile will be submitted to CODIS (Combined DNA Index System).
 - ✓ C. The non-semen DNA profile matches the profile from BROODER.
- ✓ 5. A mixture of DNA profiles from at least two individuals was obtained from the crotch of the jeans.
- ✓ A. The major DNA profile matches the profile from BROODER.
 - ✓ B. Additional genetic typing information was detected but cannot be conclusively interpreted.
- ✓ 6. The above listed exhibits will be returned to the submitting agency upon the completion of laboratory testing.
7. 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.

Point of Contact: christie.johnson3@us.army.mil,
CM 404-469-4772, DSN 797-4772.

CHRISTIE JOHNSON
Forensic DNA Examiner



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

Case Number 08.2407 Examiner CBJ Report Date 15 Jan 09
Reviewer me Review Date 20 Jan 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

AP Lot #	P30 Lot #	ALS	AP	P30	Micro	Phen	Heme	αAMY	Comments
1874	31093	+	+	+					+ control
Phen Lot #	HT Lot #								
Pha/RSID Lot #	R/G Lot #	Neg	Neg						Neg control
<p><u>Ex. 1</u>: ets bpb labeled "blue jean.. maroon boxer shorts." c</p> <p>- 2 individually ts bpb, one labeled "maroon shorts" & one labeled "Ex. 1.1" ts bpb labeled "maroon shorts." c inner ts bpb labeled "9.24.07 Jessica Brooder." c</p> <p>- maroon/burgundy w/ white edging Reebok mesh shorts, size 5, w/ drawstring</p> <p>Areas</p> <ul style="list-style-type: none"> crotch - outside — 5 end of drawstring — 8 crotch - inside — 10 <p>- rbs in crotch area (5, 10) 1-4, 6-7, 9</p>									
<p><u>Ex. 1.2</u>: ts bpb (unlabeled) c inner + ts bpb labeled "blue denim jeans.. J. Brooder." c</p> <p>- Banana Republic low rise boot cut blue jeans, size B</p> <p>- rbs in crotch area (6, 16) (inside - 16 & outside - 6)</p> <p>- 9 cuttings from area 16 → DNA, > 1/2 remains</p>									
<p><u>Ex. 2</u>: ts bpb labeled "BROODER." c</p> <p>- one rts swab carton c 1 swab</p> <p>- ~1/2 of swab → DNA</p>									
<p><u>Ex. 3</u>: rts bpb labeled "EASLEY." c</p> <p>- one rts swab carton c 1 swab</p> <p>- ~1/2 of swab → DNA</p>									
USACIL Case # 08-2407						Date: 6 Jan 09			

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	RI	reinjecting
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
é	containing	sbpb	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	Phadebas		
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

Initials: CBJ

Date: 15 Jan 09

USACIL DNA BRANCH
CASE FILE REVIEW FORM

Date 9 Jan 09 Initials CBJ

USACIL Case No. 08.2407

Agency Case No. 12JUN08-MWMM-0025-SFMA

Case Type rape

Agent/Contact information SA Burge john.r.burge@navy.mil

Date Contacted 9 Jan 09

Summary of discussion:

see email

All Evidence Received? Yes No

Evidence still needed:

Standard of WACKER

Evidence Testing Priority List:

Ex. 1

Is this a multi-Branch case? Yes No see worksheet from TE

Which Branch(es)? n/a

Date Branch(es) notified: n/a

Comments:

Johnson, Christie CIV USA USACIDC

From: Burge, John R CIV NCIS, MWMM [john.r.burge@navy.mil]
Sent: Friday, January 09, 2009 6:08 PM
To: Johnson, Christie CIV USA USACIDC
Subject: RE: Case 12JUN08-MWMM-0025-8FMA; USACIL case 08-2407 (UNCLASSIFIED)

We do not have any samples from the suspect. We don't have the PC at this point. We would be able to obtain a sample should you discover a male donor in your examination. The rape allegation was not in conjunction with the rape itself so we have no SART exam.

John R. Burge, Special Agent
Naval Criminal Investigative Service
Marine Corps West Field Office
NCISRA Miramar, CA
Office: 858-577-1897
Cell: 619-572-3802

-----Original Message-----

From: Johnson, Christie CIV USA USACIDC
[mailto:christie.johnson3@us.army.mil]
Sent: Friday, January 09, 2009 15:00
To: Burge, John R CIV NCIS, MWMM
Subject: Case 12JUN08-MWMM-0025-8FMA; USACIL case 08-2407 (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

SA Burge,

I am the DNA examiner who has been assigned this case at USACIL; it is currently in progress. I noticed that known standards were submitted from both victims but there is no standard submitted for the suspect.

It is important that the lab receives the suspect standard to compare to any DNA profile(s) that are obtained from the evidence. Do you know if it has already been submitted separately or has been collected?

Thank you for your time,

Christie B. Johnson

Forensic Biologist

U.S. Army Criminal Investigation Laboratory

christie.johnson3@us.army.mil

404-469-4772

DSN 797-4772

Classification: UNCLASSIFIED

Caveats: NONE