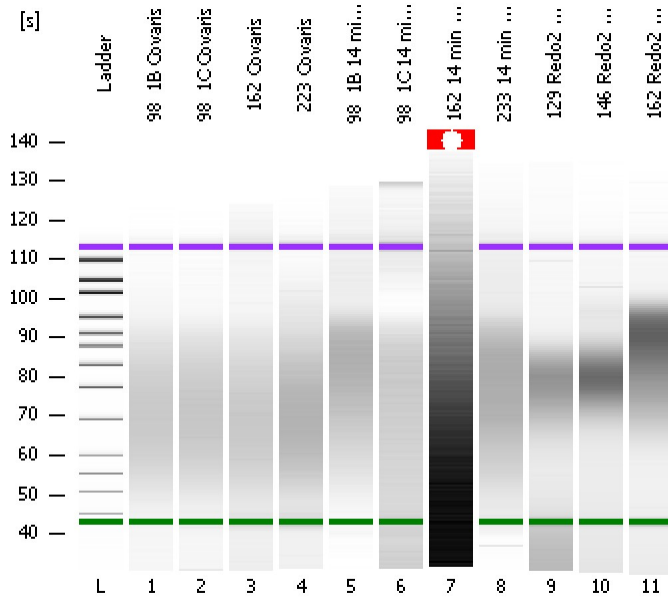


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-27\2018-02-27_001.xad

Created: 2/27/2018 11:26:01 AM
Modified: 2/27/2018 12:12:12 PM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE34903152 Firmware: C.01.069
Serial#: DE34903152 Type: G2938C

Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\High Sensitivity DNA.xsy
Assay Class: High Sensitivity DNA Assay
Version: 1.03
Assay Comments: Copyright © 2003-2010 Agilent Technologies

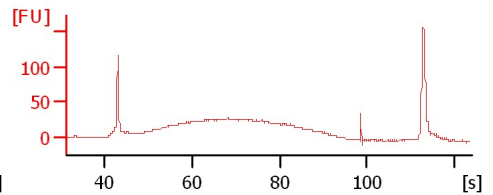
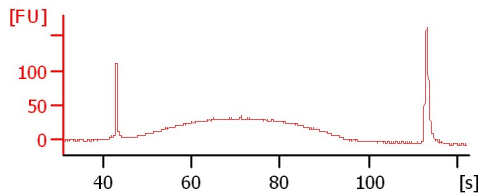
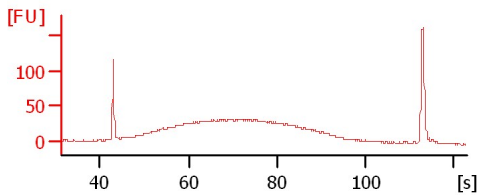
Chip Information:

Chip Lot #:
Reagent Kit Lot #:
Chip Comments:

98_1B Covaris

98_1C Covaris

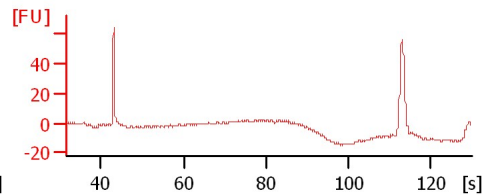
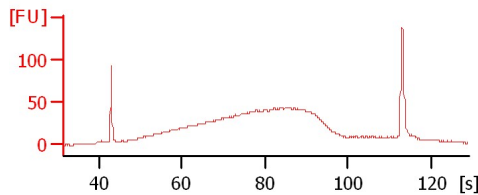
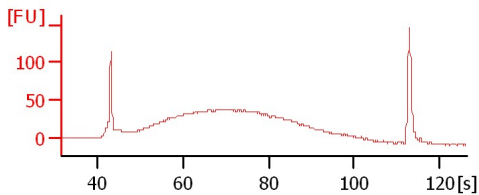
162 Covaris



223 Covaris

98_1B 14 min frag

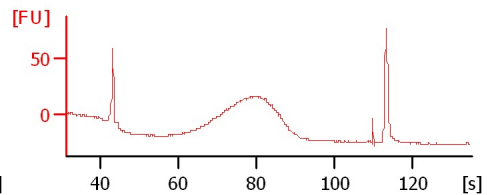
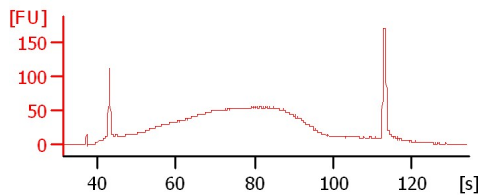
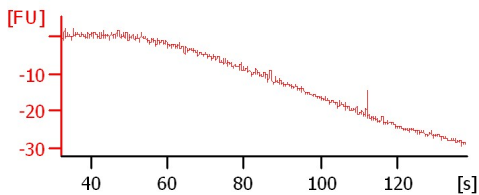
98_1C 14 min frag



162 14 min frag

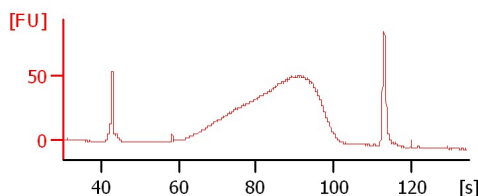
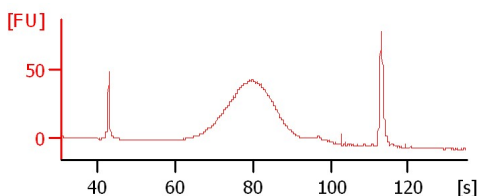
233 14 min frag

129 Redo2 8x PCR



146 Redo2 8x PCR

162 Redo2 8x PCR



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-27\2018-02-27_001.xad

Created: 2/27/2018 11:26:01 AM
 Modified: 2/27/2018 12:12:12 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
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98_1C Covaris		<input type="checkbox"/>	✓			
162 Covaris		<input type="checkbox"/>	✓			
223 Covaris		<input type="checkbox"/>	✓			
98_1B 14 min frag		<input type="checkbox"/>	✓			
98_1C 14 min frag		<input type="checkbox"/>	✓			
162 14 min frag		<input type="checkbox"/>	✓			
233 14 min frag		<input type="checkbox"/>	✓			
129 Redo2 8x PCR		<input type="checkbox"/>	✓			
146 Redo2 8x PCR		<input type="checkbox"/>	✓			
162 Redo2 8x PCR		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

Chip Lot #

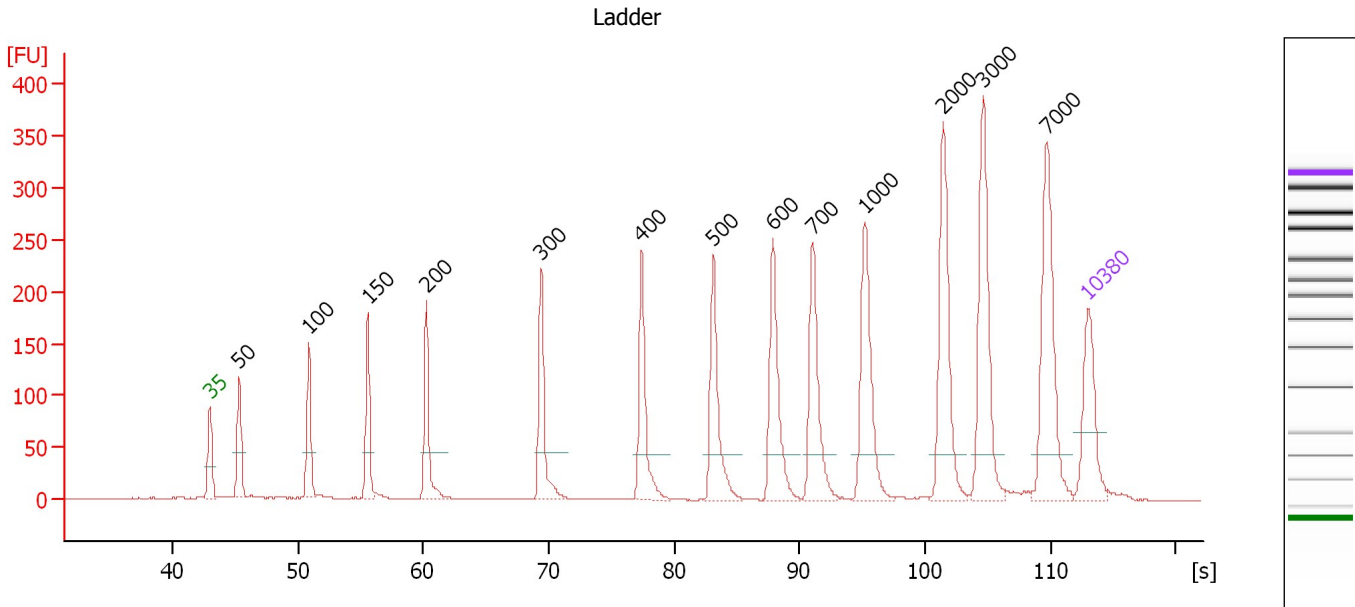
Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-27\2018-02-27_001.xad

Created: 2/27/2018 11:26:01 AM
 Modified: 2/27/2018 12:12:12 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.3

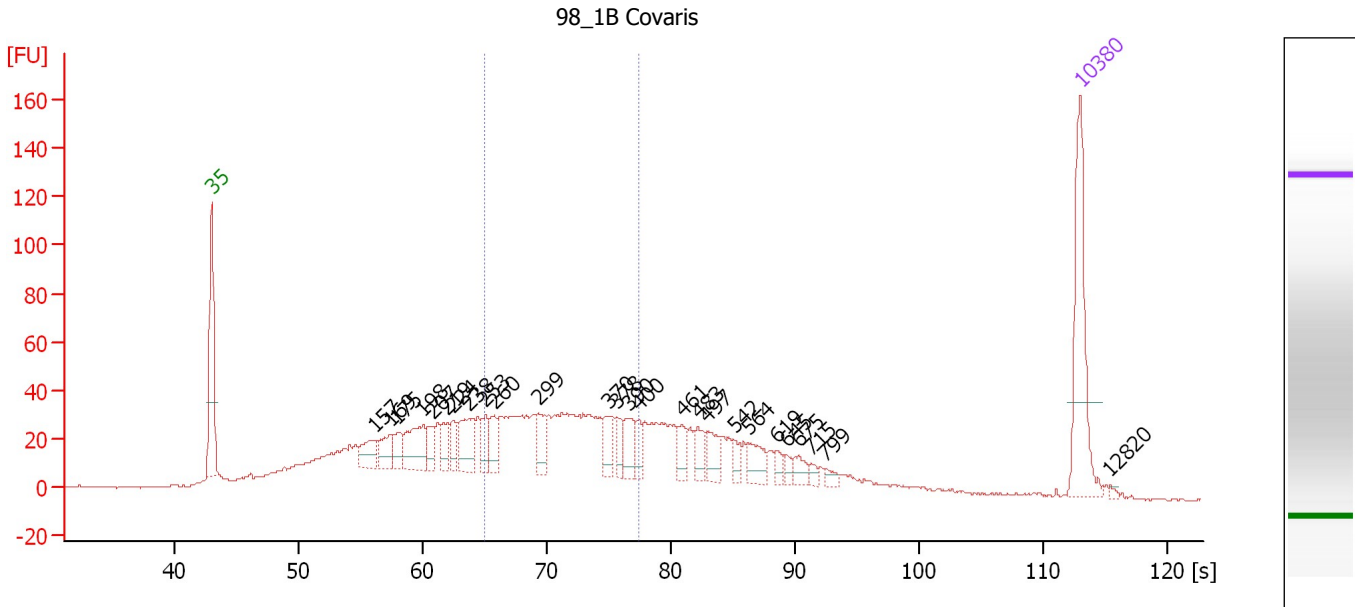
Peak table for Ladder

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	50	150.00	4,545.5	Ladder Peak	45.35
3	100	150.00	2,272.7	Ladder Peak	50.88
4	150	150.00	1,515.2	Ladder Peak	55.59
5	200	150.00	1,136.4	Ladder Peak	60.25
6	300	150.00	757.6	Ladder Peak	69.42
7	400	150.00	568.2	Ladder Peak	77.42
8	500	150.00	454.5	Ladder Peak	83.16
9	600	150.00	378.8	Ladder Peak	87.91
10	700	150.00	324.7	Ladder Peak	91.08
11	1,000	150.00	227.3	Ladder Peak	95.23
12	2,000	150.00	113.6	Ladder Peak	101.48
13	3,000	150.00	75.8	Ladder Peak	104.65
14	7,000	150.00	32.5	Ladder Peak	109.70
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-27\2018-02-27_001.xad

Created: 2/27/2018 11:26:01 AM
 Modified: 2/27/2018 12:12:12 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : 98_1B Covaris

Number of peaks found: 26 Corr. Area 1: 577.6
 Noise: 0.4

Peak table for sample 1 : 98_1B Covaris

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	157	30.33	293.6		56.20
3	169	25.39	227.6		57.36
4	175	19.24	166.5		57.93
5	198	52.79	404.4		60.05
6	207	17.65	129.4		60.87
7	219	19.88	137.6		61.99
8	224	17.78	120.4		62.43
9	238	42.68	271.8		63.72
10	253	18.38	110.3		65.06
11	260	22.43	130.7		65.76
12	299	26.11	132.4		69.30
13	370	22.35	91.5		75.01
14	378	15.83	63.5		75.66
15	390	23.79	92.3		76.66
16	400	13.44	50.9		77.44
17	461	16.49	54.2		80.90
18	483	18.04	56.6		82.20
19	497	21.51	65.6		82.98
20	542	8.29	23.2		85.14
21	564	20.48	55.0		86.22
22	619	7.41	18.1		88.51
23	645	6.17	14.5		89.33
24	675	10.85	24.3		90.29
25	715	5.32	11.3		91.28

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-27\2018-02-27_001.xad

Created: 2/27/2018 11:26:01 AM
 Modified: 2/27/2018 12:12:12 PM

Electropherogram Summary Continued ...

... Peak table for sample 1 : 98_1B Covaris

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	799	5.15	9.8		92.45
27	10,380	75.00	10.9	Upper Marker	113.00
28	12,820	0.00	0.0		115.38

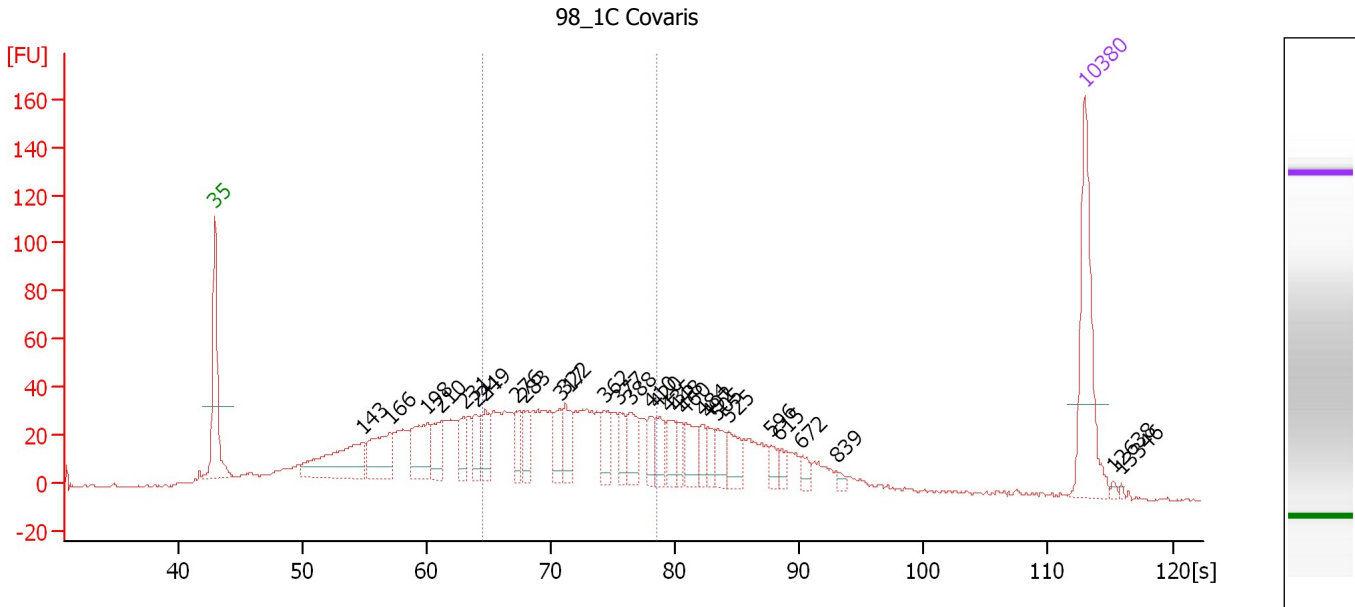
Region table for sample 1 : 98_1B Covaris

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
251	399	322	577.6	474.59	2,282.8	33	13.3

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-27\2018-02-27_001.xad

Created: 2/27/2018 11:26:01 AM
 Modified: 2/27/2018 12:12:12 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : 98_1C Covaris

Number of peaks found: 29 Corr. Area 1: 685.9
 Noise: 0.5

Peak table for sample 2 : 98_1C Covaris

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	143	96.80	1,026.3		54.92
3	166	63.53	579.9		57.08
4	198	57.82	441.7		60.10
5	210	37.00	266.8		61.18
6	231	23.77	156.0		63.08
7	241	27.44	172.4		64.03
8	249	24.83	150.9		64.76
9	276	22.28	122.3		67.23
10	283	23.64	126.5		67.87
11	317	25.31	121.0		70.77
12	322	30.15	141.7		71.20
13	362	25.46	106.7		74.35
14	377	16.40	65.9		75.56
15	388	28.08	109.6		76.47
16	410	17.12	63.2		78.02
17	420	20.15	72.6		78.58
18	435	19.28	67.1		79.45
19	448	13.53	45.7		80.18
20	460	27.73	91.3		80.87
21	484	12.53	39.2		82.25
22	492	13.02	40.1		82.69
23	505	17.68	53.1		83.38
24	525	23.57	68.1		84.33
25	596	9.57	24.3		87.74

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-27\2018-02-27_001.xad

Created: 2/27/2018 11:26:01 AM
 Modified: 2/27/2018 12:12:12 PM

Electropherogram Summary Continued ...

... Peak table for sample 2 : 98_1C Covaris

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	615	8.72	21.5		88.39
27	672	8.89	20.0		90.20
28	839	4.37	7.9		93.01
29	10,380	75.00	10.9	Upper Marker	113.00
30	12,638	0.00	0.0		115.20
31	13,346	0.00	0.0		115.89

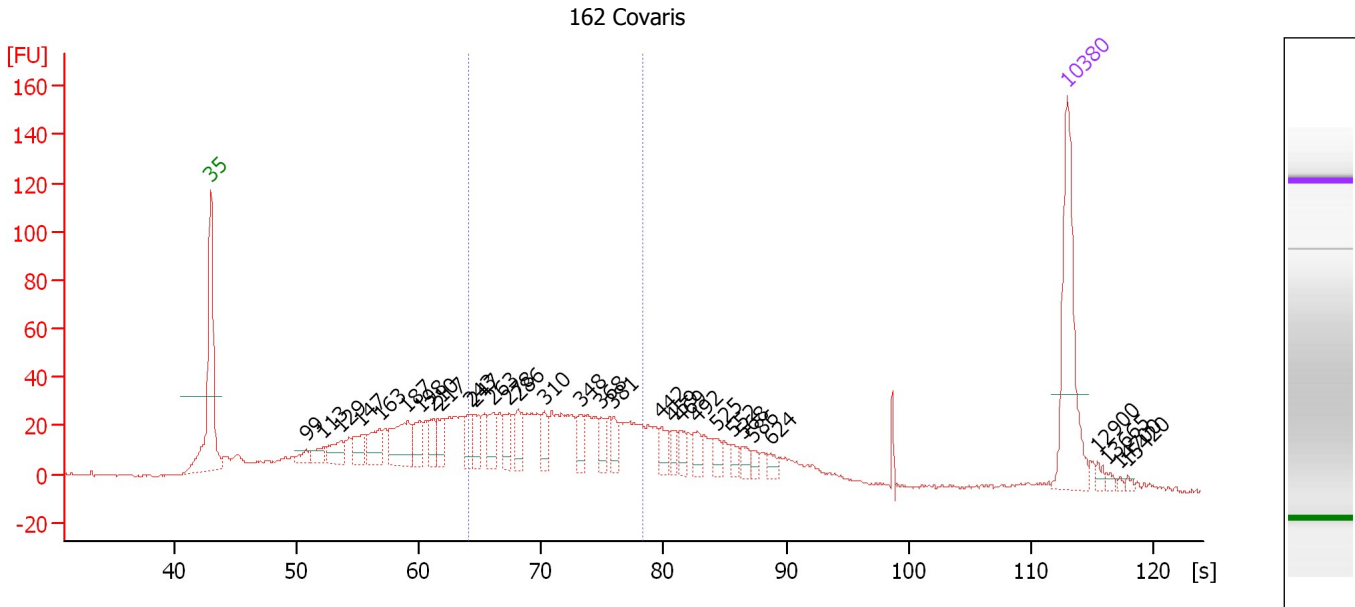
Region table for sample 2 : 98_1C Covaris

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/ μ l]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
247	420	327	685.9	521.30	2,489.6	37	14.9

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-27\2018-02-27_001.xad

Created: 2/27/2018 11:26:01 AM
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Electropherogram Summary Continued ...



Overall Results for sample 3 : 162 Covaris

Number of peaks found: 31 Corr. Area 1: 560.5
 Noise: 0.3

Peak table for sample 3 : 162 Covaris

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	99	9.22	140.5		50.81
3	113	13.35	178.6		52.13
4	129	23.85	279.9		53.62
5	147	20.08	207.3		55.29
6	163	28.14	261.1		56.82
7	187	49.66	401.9		59.06
8	198	22.38	171.2		60.07
9	210	19.62	141.5		61.17
10	217	17.26	120.4		61.83
11	243	19.05	118.7		64.20
12	247	18.83	115.4		64.59
13	263	20.08	115.6		66.04
14	278	16.90	92.1		67.40
15	286	17.30	91.6		68.15
16	310	14.94	73.0		70.21
17	348	16.66	72.5		73.28
18	368	12.49	51.4		74.86
19	381	12.03	47.8		75.92
20	442	12.94	44.4		79.82
21	459	9.79	32.4		80.79
22	469	10.95	35.4		81.36
23	492	12.42	38.3		82.67
24	525	8.64	25.0		84.34
25	552	5.72	15.7		85.61

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-27\2018-02-27_001.xad


Created: 2/27/2018 11:26:01 AM
 Modified: 2/27/2018 12:12:12 PM

Electropherogram Summary Continued ...

... Peak table for sample 3 : 162 Covaris

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	568	8.14	21.7		86.40
27	586	5.69	14.7		87.24
28	624	5.85	14.2		88.69
29	10,380	75.00	10.9	Upper Marker	113.00
30	12,900	0.00	0.0		115.46
31	13,665	0.00	0.0		116.20
32	14,700	0.00	0.0		117.21
33	15,420	0.00	0.0		117.92

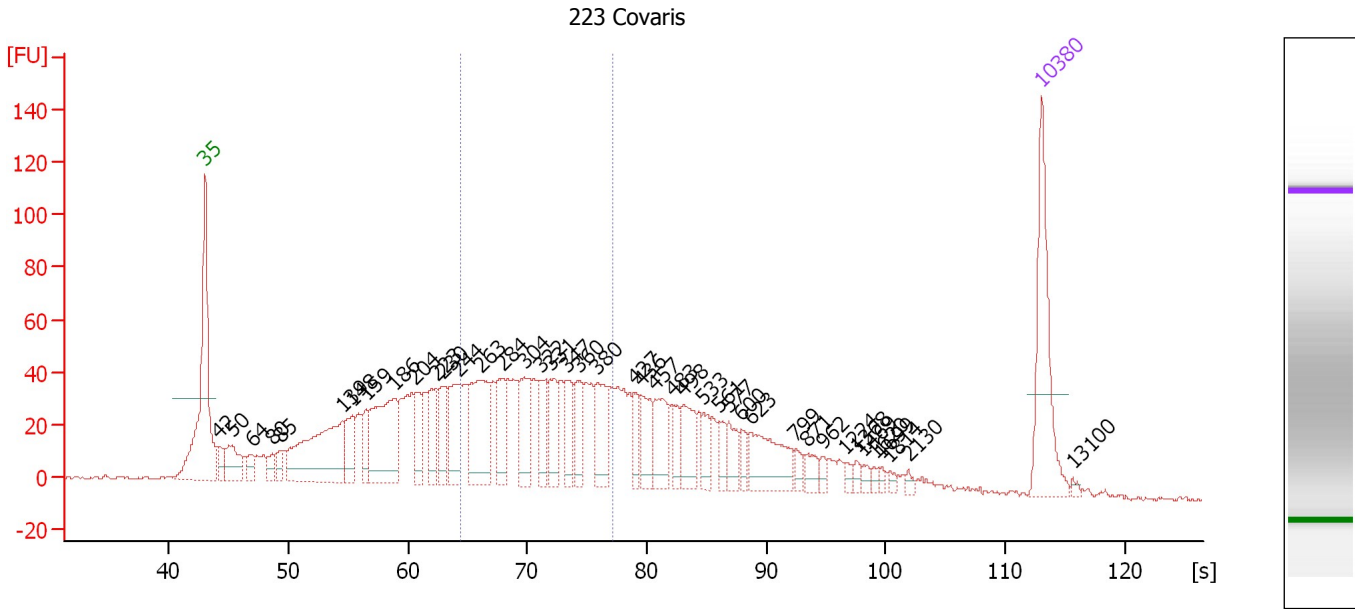
Region table for sample 3 : 162 Covaris

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
241	414	321	560.5	415.78	2,024.6	 38	15.2

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-27\2018-02-27_001.xad

Created: 2/27/2018 11:26:01 AM
 Modified: 2/27/2018 12:12:12 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : 223 Covaris

Number of peaks found: 42 Corr. Area 1: 755.4
 Noise: 0.5

Peak table for sample 4 : 223 Covaris

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	42	18.90	679.2		44.12
3	50	41.88	1,279.2		45.29
4	64	15.26	360.8		46.91
5	80	16.15	306.1		48.66
6	85	15.00	266.5		49.25
7	139	165.29	1,807.4		54.51
8	148	39.83	408.7		55.36
9	159	29.13	277.3		56.44
10	186	121.36	990.4		58.92
11	204	34.37	255.3		60.62
12	223	38.54	262.2		62.33
13	230	36.59	241.5		62.96
14	244	55.20	342.4		64.31
15	263	95.22	547.7		66.06
16	284	41.81	223.4		67.91
17	304	53.57	266.8		69.75
18	322	38.23	180.1		71.14
19	331	37.43	171.3		71.91
20	347	33.76	147.2		73.21
21	360	34.46	144.9		74.25
22	380	44.88	179.0		75.82
23	427	19.98	70.9		78.97
24	436	32.28	112.1		79.51
25	457	42.26	140.2		80.68

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-27\2018-02-27_001.xad

Created: 2/27/2018 11:26:01 AM
 Modified: 2/27/2018 12:12:12 PM

Electropherogram Summary Continued ...

... Peak table for sample 4 : 223 Covaris

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	483	19.47	61.1		82.16
27	498	36.43	110.8		83.06
28	533	18.59	52.9		84.72
29	561	15.24	41.1		86.07
30	577	20.67	54.2		86.83
31	600	10.96	27.7		87.91
32	623	55.25	134.4		88.63
33	799	7.07	13.4		92.45
34	871	11.83	20.6		93.44
35	962	5.46	8.6		94.70
36	1,224	5.02	6.2		96.64
37	1,368	4.29	4.8		97.53
38	1,469	4.94	5.1		98.16
39	1,620	3.29	3.1		99.11
40	1,699	3.14	2.8		99.60
41	1,814	2.78	2.3		100.32
42	2,130	3.20	2.3		101.90
43	10,380	75.00	10.9	Upper Marker	113.00
44	13,100	0.00	0.0		115.65

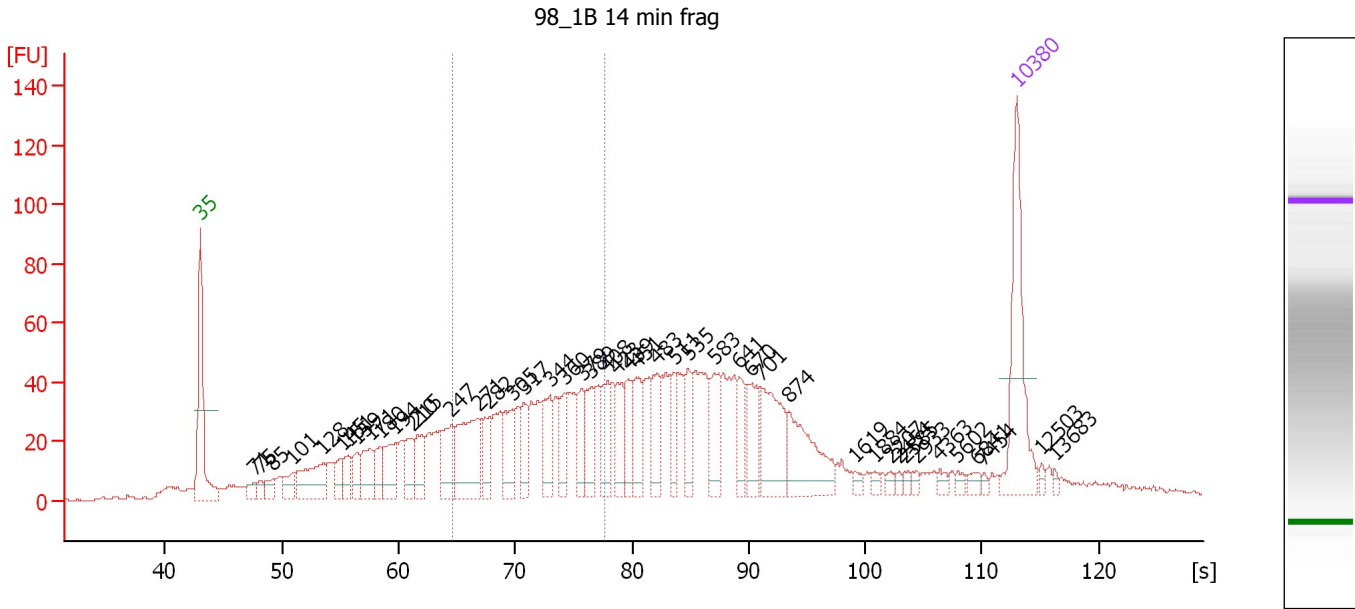
Region table for sample 4 : 223 Covaris

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
244	396	317	755.4	610.88	2,990.7	33	13.8

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-27\2018-02-27_001.xad

Created: 2/27/2018 11:26:01 AM
 Modified: 2/27/2018 12:12:12 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : 98_1B 14 min frag

Number of peaks found: 46 Corr. Area 1: 576.8
 Noise: 0.5

Peak table for sample 5 : 98_1B 14 min frag

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	71	11.74	249.8		47.69
3	75	9.39	189.8		48.11
4	85	14.11	251.7		49.21
5	101	21.11	317.0		50.96
6	128	60.04	709.3		53.54
7	145	18.18	189.5		55.15
8	151	20.66	207.6		55.66
9	159	21.08	201.3		56.39
10	171	36.40	322.6		57.54
11	180	23.68	199.0		58.42
12	194	36.26	283.0		59.71
13	210	31.83	230.1		61.13
14	215	27.93	197.2		61.59
15	247	46.09	283.0		64.54
16	271	81.33	454.1		66.79
17	282	28.54	153.4		67.76
18	305	40.32	200.6		69.79
19	317	24.70	118.2		70.75
20	344	39.61	174.3		72.96
21	360	32.18	135.5		74.20
22	379	26.36	105.4		75.72
23	389	33.87	131.9		76.55
24	408	30.35	112.7		77.88
25	423	30.12	108.0		78.71

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-27\2018-02-27_001.xad

Created: 2/27/2018 11:26:01 AM
 Modified: 2/27/2018 12:12:12 PM

Electropherogram Summary Continued ...

... Peak table for sample 5 : 98 1B 14 min frag

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	439	28.45	98.1		79.68
27	451	34.40	115.5		80.37
28	483	34.53	108.4		82.17
29	511	26.42	78.3		83.68
30	535	25.84	73.2		84.83
31	583	35.17	91.4		87.09
32	641	23.46	55.5		89.21
33	670	35.97	81.3		90.13
34	701	65.22	141.0		91.09
35	874	61.74	107.0		93.49
36	1,619	4.52	4.2		99.10
37	1,884	3.95	3.2		100.76
38	2,207	3.18	2.2		102.14
39	2,454	3.10	1.9		102.92
40	2,585	3.02	1.8		103.34
41	2,933	3.42	1.8		104.44
42	4,363	4.49	1.6		106.37
43	5,602	3.73	1.0		107.94
44	6,841	4.92	1.1		109.50
45	7,454	2.25	0.5		110.15
46	10,380	75.00	10.9	Upper Marker	113.00
47	12,503	0.00	0.0		115.07
48	13,683	0.00	0.0		116.22

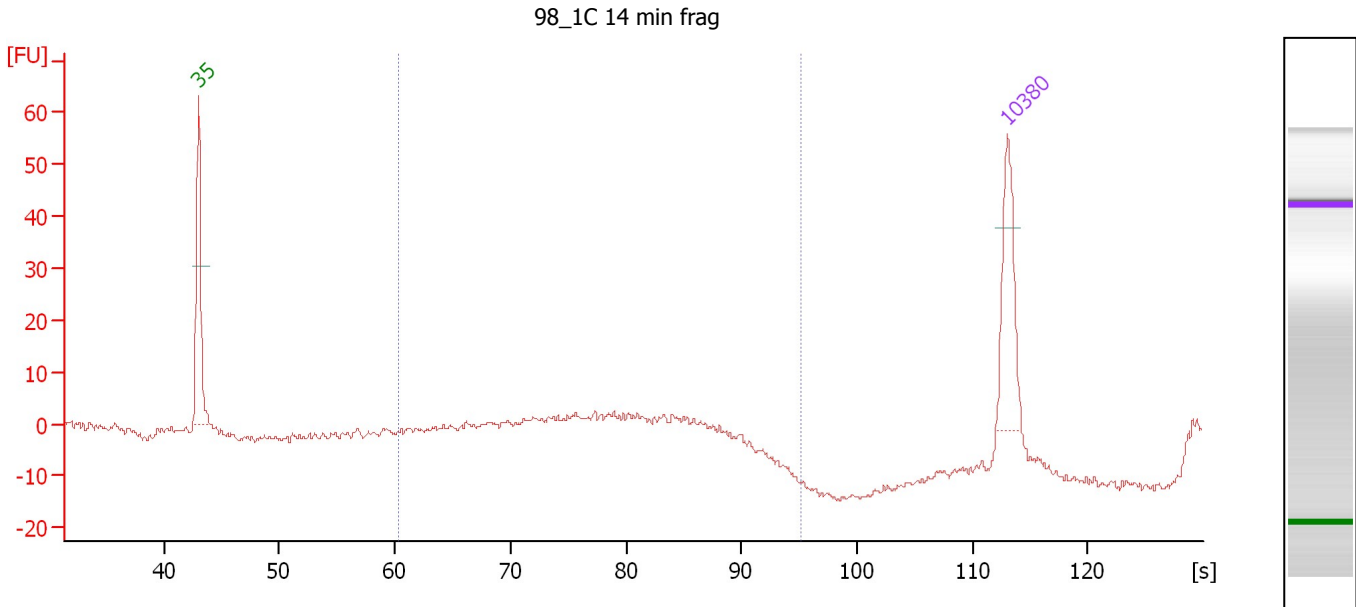
Region table for sample 5 : 98 1B 14 min frag

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
247	404	328	576.8	515.92	2,446.0	29	13.7

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-27\2018-02-27_001.xad

Created: 2/27/2018 11:26:01 AM
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Electropherogram Summary Continued ...



Overall Results for sample 6 : 98_1C 14 min frag

Number of peaks found: 0 Corr. Area 1: 37.7
 Noise: 0.8

Peak table for sample 6 : 98_1C 14 min frag

Pea k	Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	10,380	75.00	10.9	Upper Marker	113.00

Region table for sample 6 : 98_1C 14 min frag

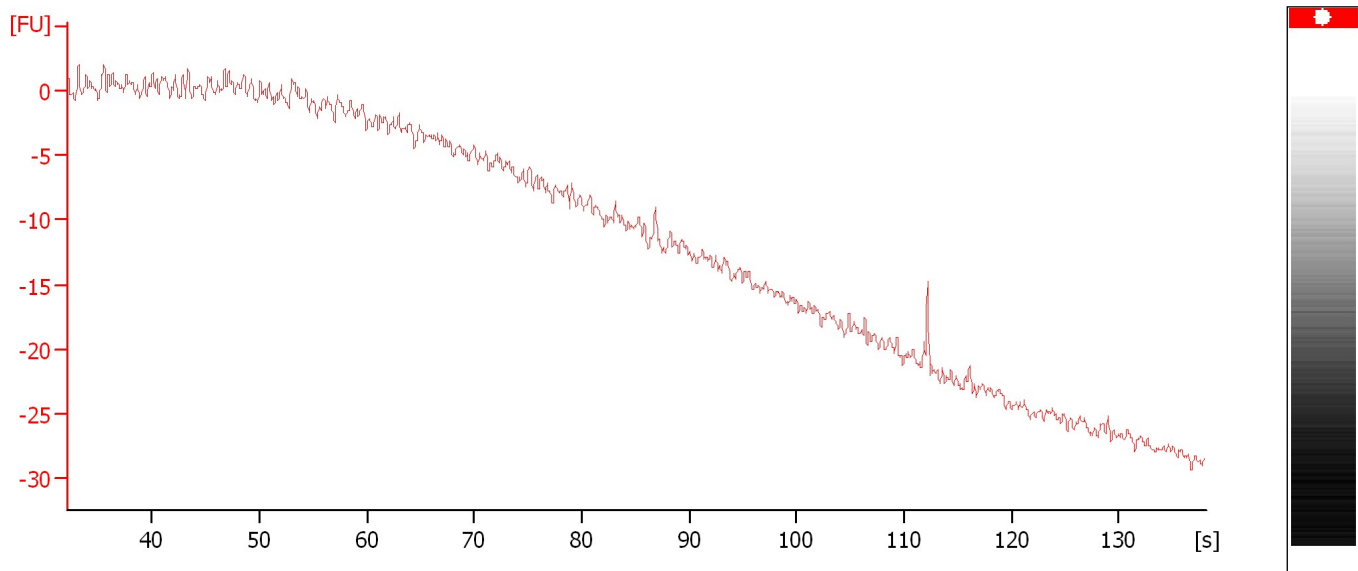
From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/µl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	415	37.7	69.54	266.6	92	18.4

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-27\2018-02-27_001.xad

Created: 2/27/2018 11:26:01 AM
Modified: 2/27/2018 12:12:12 PM

Electropherogram Summary Continued ...

162 14 min frag



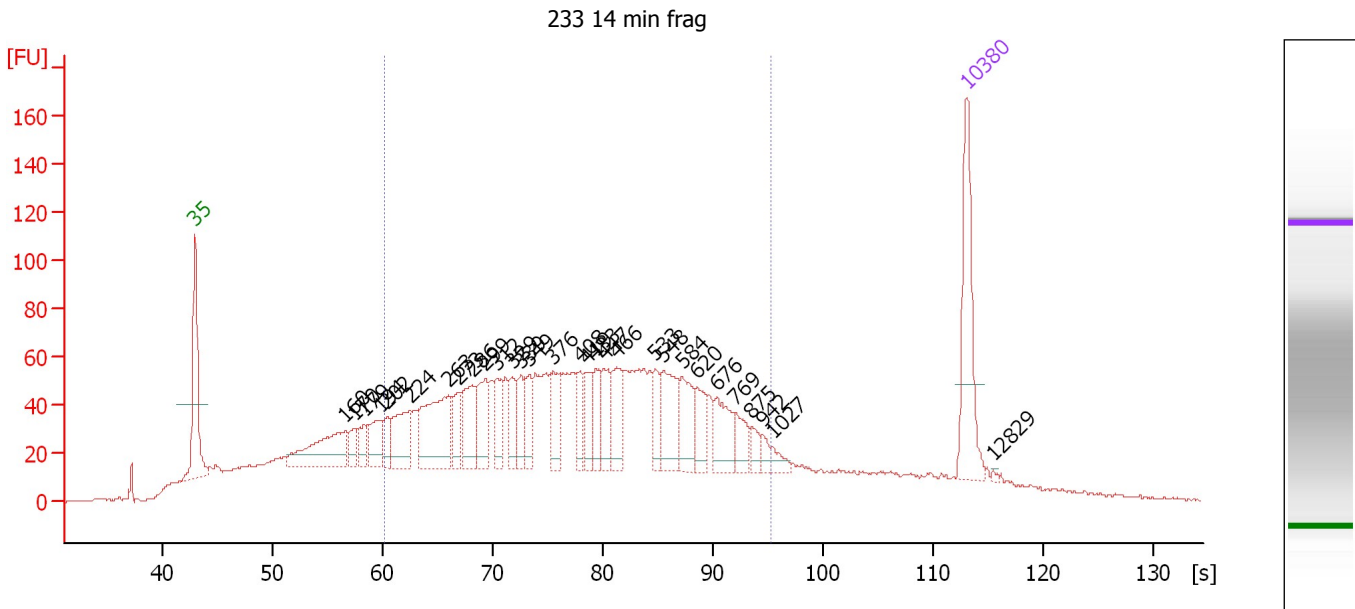
Overall Results for sample 7 : 162 14 min frag

Noise: 0.6

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-27\2018-02-27_001.xad

Created: 2/27/2018 11:26:01 AM
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Electropherogram Summary Continued ...



Overall Results for sample 8 : 233 14 min frag

Number of peaks found: 30 Corr. Area 1: 2,109.8
 Noise: 0.5

Peak table for sample 8 : 233 14 min frag

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	160	97.05	917.1		56.55
3	170	19.47	173.8		57.43
4	179	23.36	197.6		58.31
5	194	39.36	307.0		59.72
6	202	21.61	162.4		60.40
7	224	58.95	398.8		62.45
8	263	111.87	645.0		66.01
9	273	25.34	140.4		66.98
10	286	53.32	282.8		68.10
11	299	48.83	247.4		69.32
12	312	31.97	155.1		70.40
13	329	28.93	133.4		71.71
14	339	28.62	127.9		72.54
15	349	28.49	123.8		73.32
16	376	37.93	153.0		75.47
17	408	26.49	98.3		77.90
18	419	28.20	101.9		78.54
19	433	26.56	92.9		79.32
20	447	34.15	115.9		80.10
21	466	39.56	128.6		81.22
22	533	25.75	73.2		84.73
23	548	53.69	148.3		85.46
24	584	39.96	103.6		87.16
25	620	29.25	71.5		88.53

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-27\2018-02-27_001.xad

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Electropherogram Summary Continued ...

... Peak table for sample 8 : 233 14 min frag

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	676	39.76	89.1		90.33
27	769	22.35	44.0		92.04
28	875	11.44	19.8		93.50
29	942	8.07	13.0		94.43
30	1,027	8.78	12.9		95.40
31	10,380	75.00	10.9	Upper Marker	113.00
32	12,829	0.00	0.0		115.39

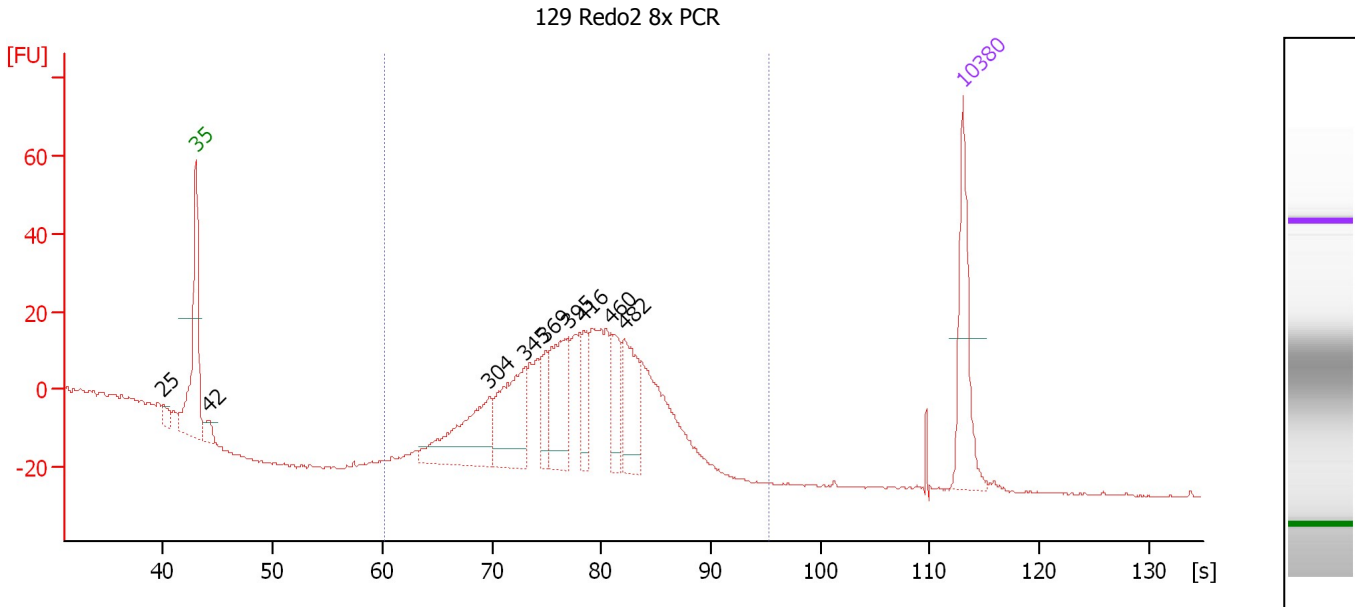
Region table for sample 8 : 233 14 min frag

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	442	2,109.8	1,651.88	6,958.8	69	39.1

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-27\2018-02-27_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 9 : 129 Redo2 8x PCR

Number of peaks found: 9 Corr. Area 1: 451.3
 Noise: 0.2

Peak table for sample 9 : 129 Redo2 8x PCR

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	25	0.00	0.0		40.01
2	35	125.00	5,411.3	Lower Marker	43.00
3	42	19.49	700.1		44.13
4	304	126.75	631.0		69.76
5	345	117.52	515.5		73.05
6	369	36.29	149.2		74.91
7	395	100.01	383.7		77.02
8	416	45.59	166.0		78.34
9	460	50.91	167.5		80.89
10	482	77.53	243.8		82.12
11	10,380	75.00	10.9	Upper Marker	113.00

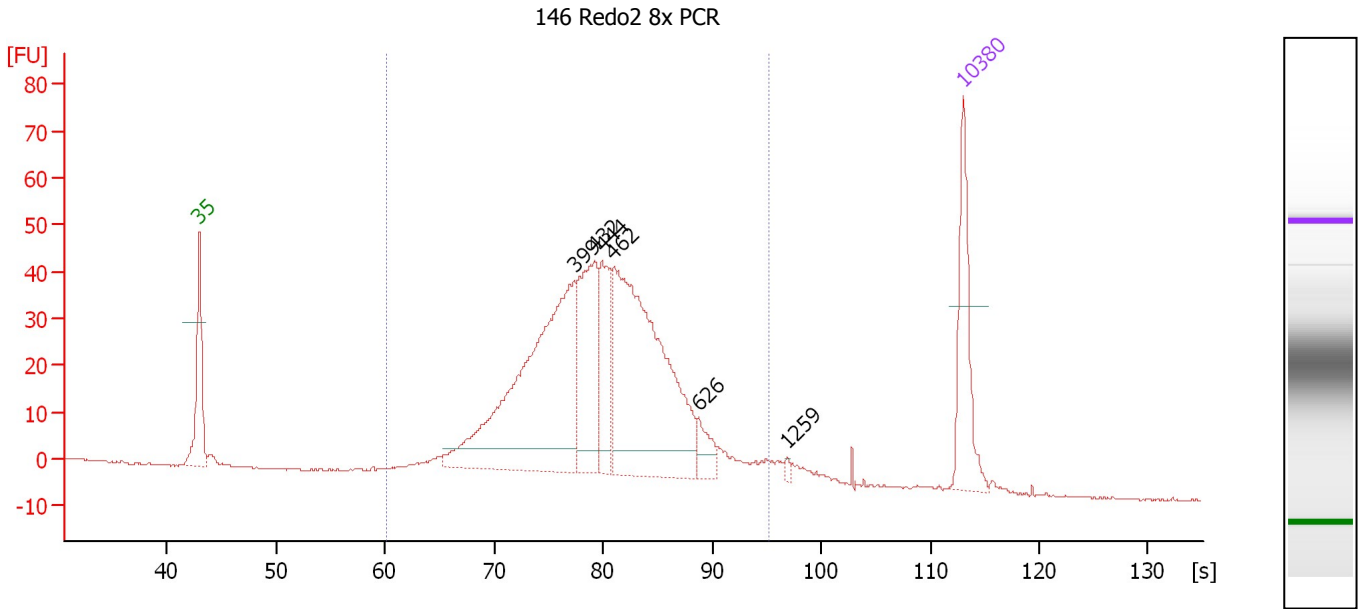
Region table for sample 9 : 129 Redo2 8x PCR

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	427	451.3	553.87	2,040.2	99	16.7

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-27\2018-02-27_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 10 : 146 Redo2 8x PCR

Number of peaks found: 6 Corr. Area 1: 855.4
 Noise: 0.2

Peak table for sample 10 : 146 Redo2 8x PCR

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	399	398.23	1,511.4		77.36
3	432	147.49	516.8		79.28
4	444	80.18	273.9		79.92
5	462	382.91	1,254.6		81.00
6	626	25.24	61.1		88.73
7	1,259	3.56	4.3		96.85
8	10,380	75.00	10.9	Upper Marker	113.00

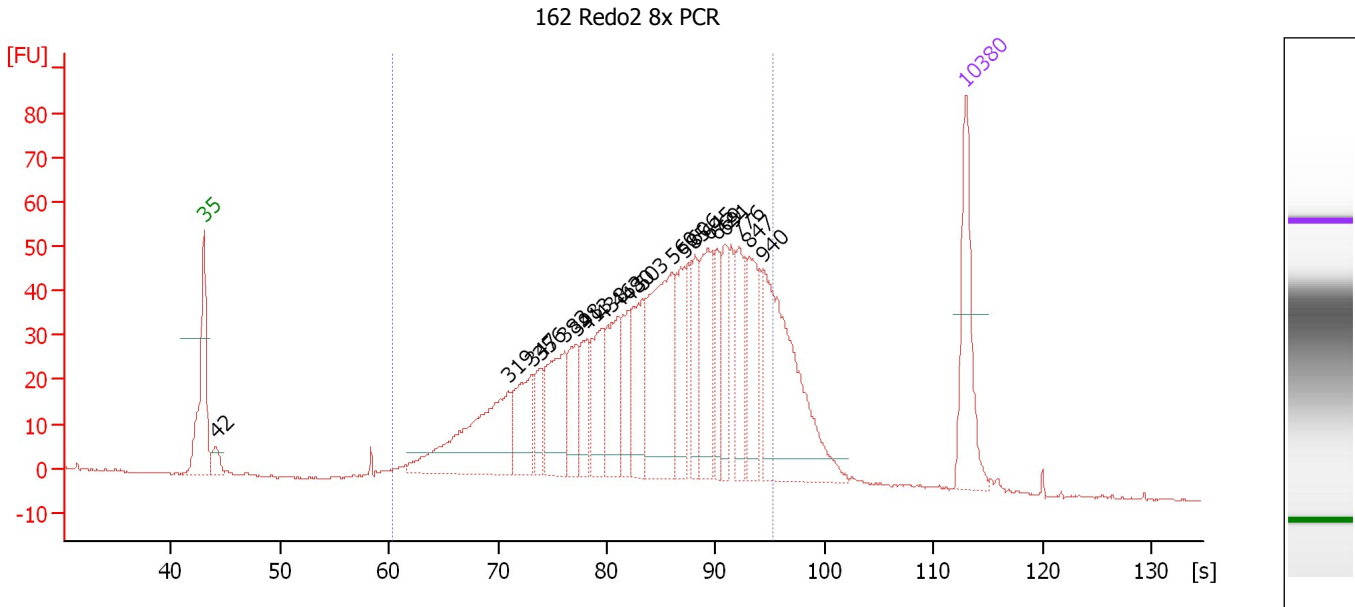
Region table for sample 10 : 146 Redo2 8x PCR

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	452	855.4	1,172.57	4,271.1	96	25.5

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-27\2018-02-27_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 11 : 162 Redo2 8x PCR

Number of peaks found: 20 Corr. Area 1: 1,271.9
 Noise: 0.1

Peak table for sample 11 : 162 Redo2 8x PCR


Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	42	23.13	836.0		44.09
3	319	171.65	814.2		70.97
4	347	70.64	308.8		73.14
5	356	34.30	146.1		73.88
6	383	88.47	349.5		76.10
7	398	47.72	181.8		77.24
8	413	44.59	163.5		78.17
9	438	68.51	237.0		79.60
10	463	69.71	228.1		81.03
11	480	46.09	145.5		82.02
12	503	73.00	219.9		83.30
13	560	157.92	427.2		86.02
14	585	68.83	178.2		87.20
15	606	43.17	108.0		88.09
16	645	82.93	195.0		89.32
17	669	41.95	94.9		90.11
18	691	46.03	100.9		90.80
19	776	49.51	96.7		92.13
20	847	65.47	117.1		93.12
21	940	187.61	302.4		94.40
22	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-27\2018-02-27_001.xad

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Modified: 2/27/2018 12:12:12 PM

Electropherogram Summary Continued ...

... Region table for sample 11 : 162 Redo2 8x PCR

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/ μ l]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	550	1,271.9	1,562.50	5,138.8	 87	34.0

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-27\2018-02-27_001.xad

Created: 2/27/2018 11:26:01 AM
Modified: 2/27/2018 12:12:12 PM

Gel Image

