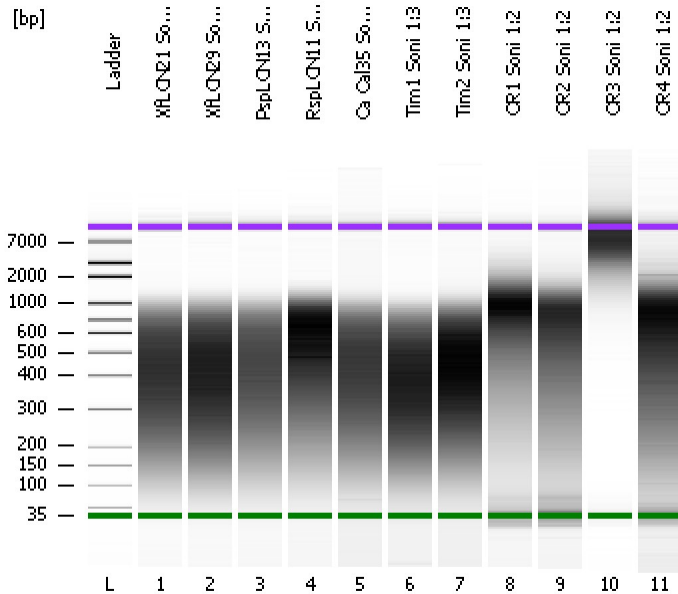


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-10-01\2013-10-01_002.xad

Created: 10/1/2013 4:29:29 PM
Modified: 10/1/2013 5:14:08 PM

Electrophoresis File Run Summary



Instrument Information:

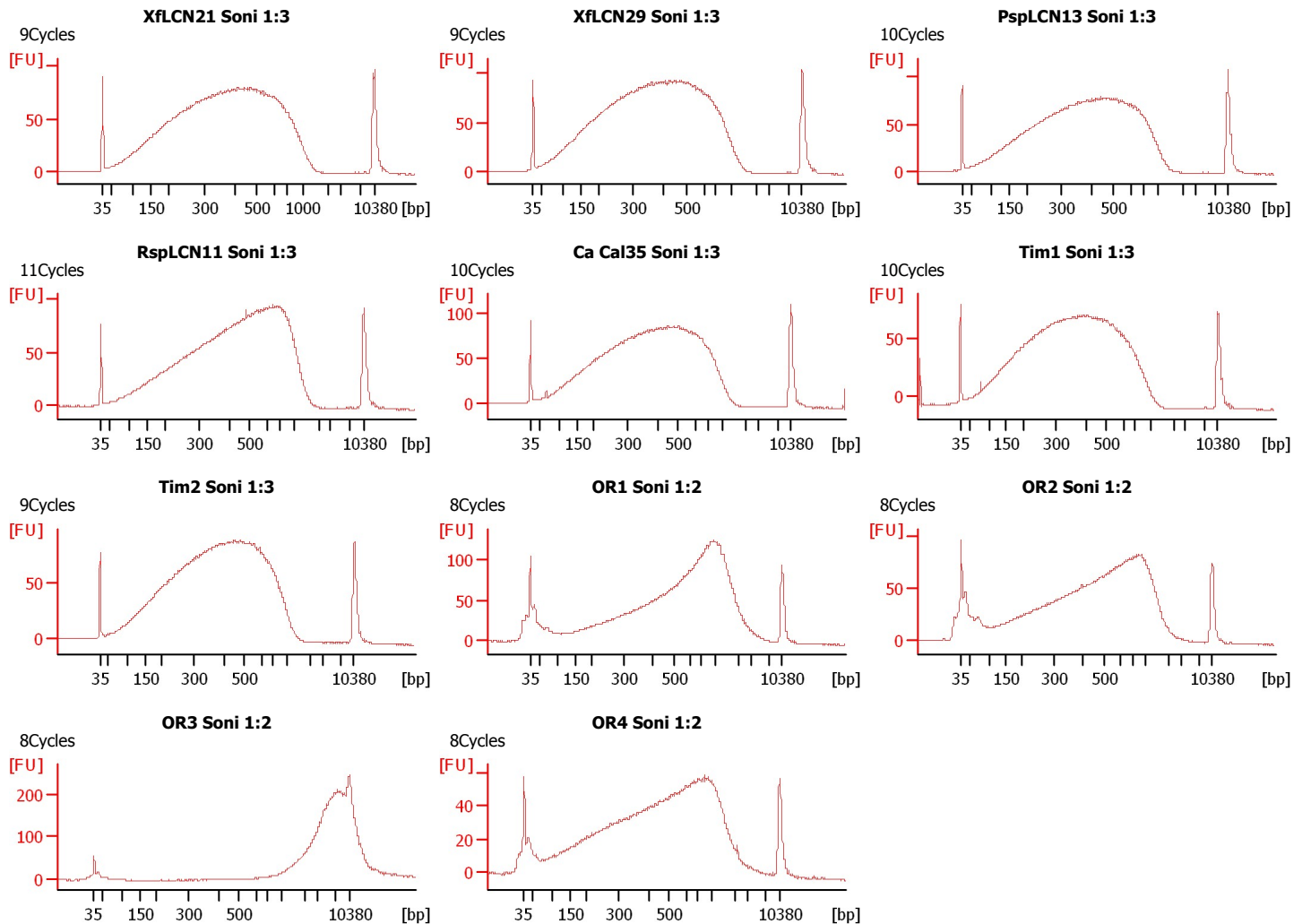
Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

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:



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-10-01\2013-10-01_002.xad

Created: 10/1/2013 4:29:29 PM
 Modified: 10/1/2013 5:14:08 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
XfLCN21 Soni 1:3	9Cycles	<input type="checkbox"/>	✓			
XfLCN29 Soni 1:3	9Cycles	<input type="checkbox"/>	✓			
PspLCN13 Soni 1:3	10Cycles	<input type="checkbox"/>	✓			
RspLCN11 Soni 1:3	11Cycles	<input type="checkbox"/>	✓			
Ca Cal35 Soni 1:3	10Cycles	<input type="checkbox"/>	✓			
Tim1 Soni 1:3	10Cycles	<input type="checkbox"/>	✓			
Tim2 Soni 1:3	9Cycles	<input type="checkbox"/>	✓			
OR1 Soni 1:2	8Cycles	<input type="checkbox"/>	✓			
OR2 Soni 1:2	8Cycles	<input type="checkbox"/>	✓			
OR3 Soni 1:2	8Cycles	<input type="checkbox"/>	✓			
OR4 Soni 1:2	8Cycles	<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-10-01\2013-10-01_002.xad

Created: 10/1/2013 4:29:29 PM
Modified: 10/1/2013 5:14:08 PM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 12
Minimum Visible Range [s] : 32
Maximum Visible Range [s] : 138
Start Analysis Time Range [s] : 33
End Analysis Time Range [s] : 137.5
Ladder Concentration [pg/μl] : 1950
Uses Standard Area for Ladder Fragments
Lower Marker Concentration [pg/μl] : 125
Upper Marker Concentration [pg/μl] : 75
Used Upper Marker for Quantitation
Standard Curve Fit is Point to Point
Show Data Aligned to Lower and Upper Marker

Integrator Settings

Integration Start Time [s] : 33.05
Integration End Time [s] : 137
Slope Threshold : 0.8
Height Threshold [FU] : 5
Area Threshold : 0.1
Width Threshold [s] : 0.6
Baseline Plateau [s] : 0.5

Filter Settings

Filter Width [s] : 0.5
Polynomial Order : 4

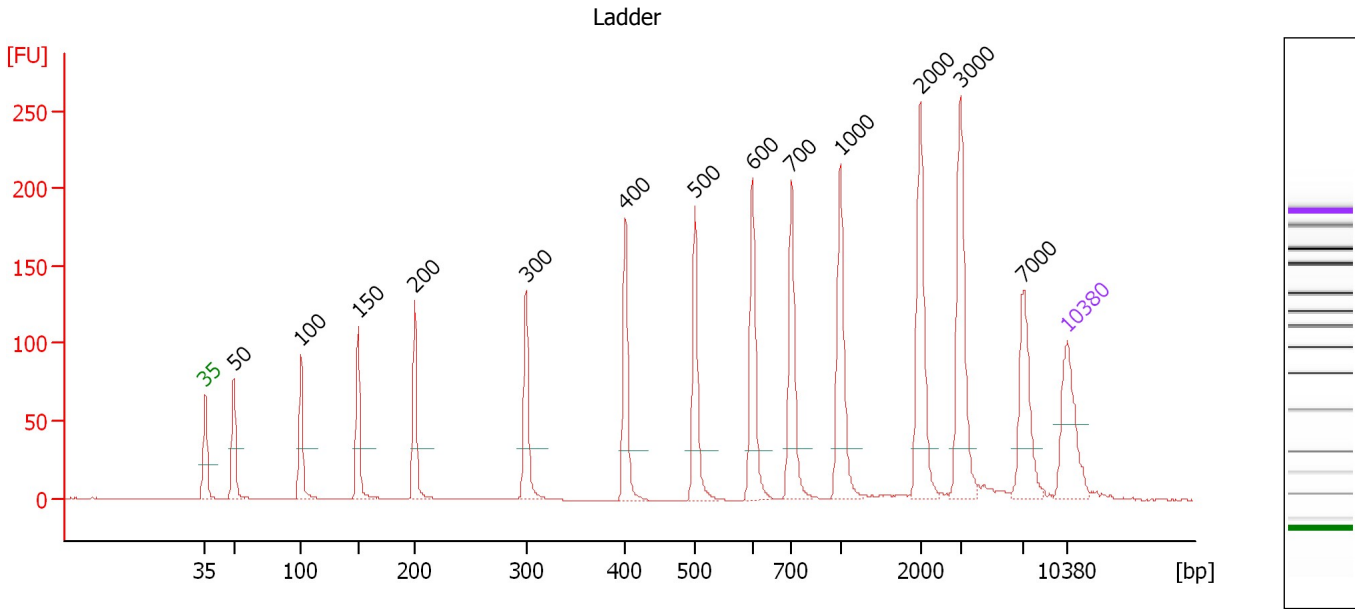
Ladder

Ladder Peak	Size	Area
1	35	160
2	50	210
3	100	208
4	150	221
5	200	242
6	300	270
7	400	305
8	500	306
9	600	336
10	700	321
11	1000	366
12	2000	413
13	3000	411
14	7000	400
15	10380	214

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-10-01\2013-10-01_002.xad

Created: 10/1/2013 4:29:29 PM
 Modified: 10/1/2013 5:14:08 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.2

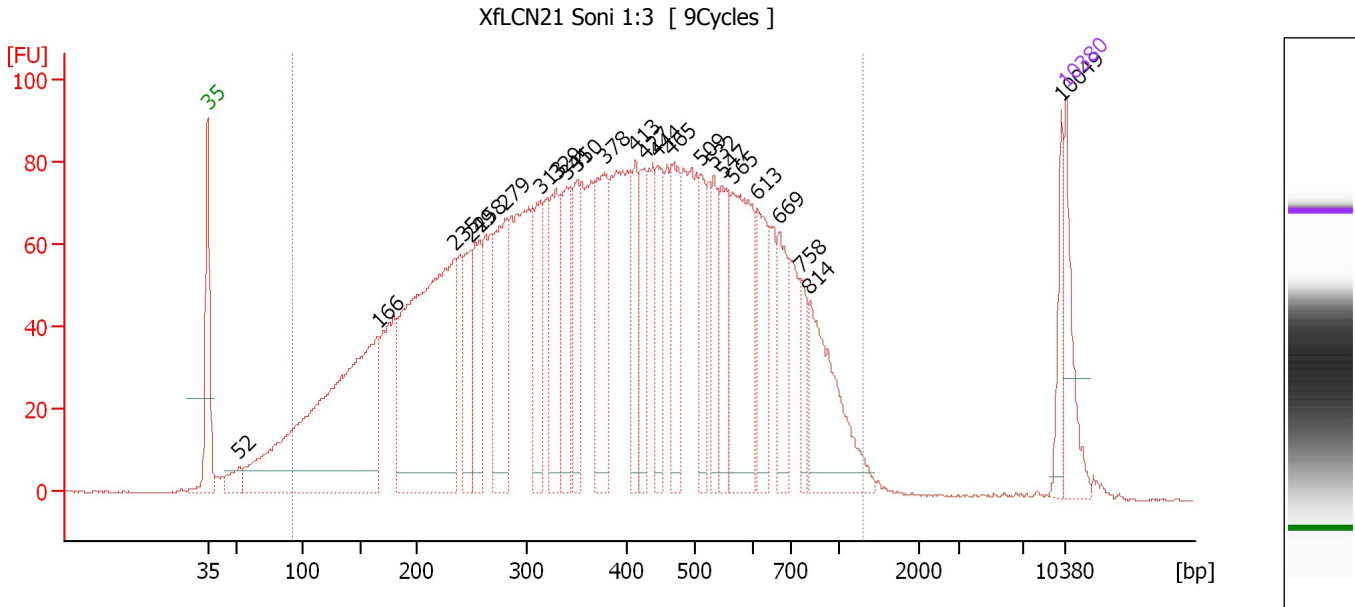
Peak table for Ladder

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	50	150.00	4,545.5	Ladder Peak
3	100	150.00	2,272.7	Ladder Peak
4	150	150.00	1,515.2	Ladder Peak
5	200	150.00	1,136.4	Ladder Peak
6	300	150.00	757.6	Ladder Peak
7	400	150.00	568.2	Ladder Peak
8	500	150.00	454.5	Ladder Peak
9	600	150.00	378.8	Ladder Peak
10	700	150.00	324.7	Ladder Peak
11	1,000	150.00	227.3	Ladder Peak
12	2,000	150.00	113.6	Ladder Peak
13	3,000	150.00	75.8	Ladder Peak
14	7,000	150.00	32.5	Ladder Peak
15	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-10-01\2013-10-01_002.xad

Created: 10/1/2013 4:29:29 PM
 Modified: 10/1/2013 5:14:08 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : XfLCN21 Soni 1:3

Number of peaks found: 24 Corr. Area 1: 3,830.6
 Noise: 0.3

Peak table for sample 1 : XfLCN21 Soni 1:3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	52	37.45	1,088.7	
3	166	876.73	8,009.8	
4	235	741.11	4,776.8	
5	249	122.09	742.9	
6	258	146.85	863.5	
7	279	227.46	1,233.9	
8	313	140.27	678.0	
9	329	155.32	714.9	
10	341	161.03	715.4	
11	350	122.46	529.8	
12	378	190.51	763.0	
13	413	99.49	365.0	
14	427	98.01	347.9	
15	444	103.90	354.2	
16	465	136.59	444.9	
17	509	88.74	264.2	
18	532	83.89	238.8	
19	547	115.24	319.2	
20	565	260.79	699.7	
21	613	126.11	312.0	
22	669	104.77	237.3	
23	758	48.99	98.0	
24	814	199.60	371.5	
25	10,049	48.10	7.3	
26	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-10-01\2013-10-01_002.xad

Created: 10/1/2013 4:29:29 PM
Modified: 10/1/2013 5:14:08 PM

Electropherogram Summary Continued ...

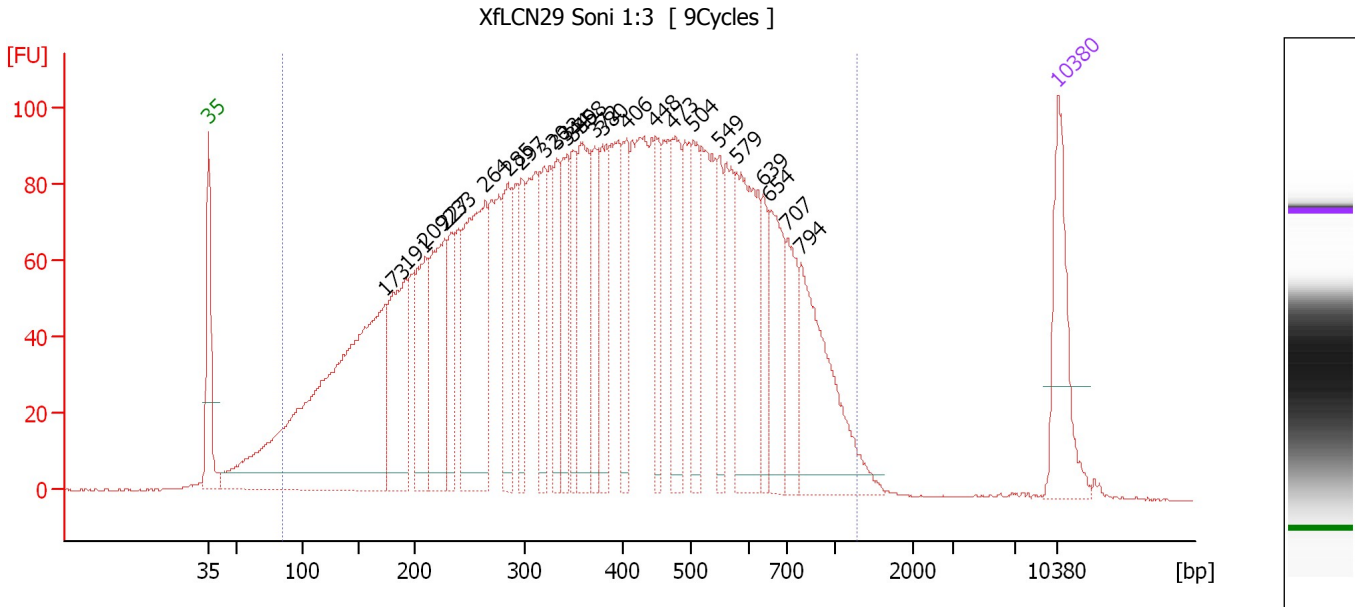
... Region table for sample 1 : XfLCN21 Soni 1:3

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
92	1,304	412	35,069.0	6,479.54	3,830.6	95	48.1	■

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-10-01\2013-10-01_002.xad

Created: 10/1/2013 4:29:29 PM
 Modified: 10/1/2013 5:14:08 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : XfLCN29 Soni 1:3

Number of peaks found: 25 Corr. Area 1: 4,560.8
 Noise: 0.2

Peak table for sample 2 : XfLCN29 Soni 1:3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	173	647.09	5,660.5	
3	191	163.30	1,292.6	
4	209	115.02	832.8	
5	227	155.87	1,041.5	
6	233	63.80	415.6	
7	264	243.19	1,394.7	
8	285	91.21	485.6	
9	297	65.64	335.2	
10	320	89.01	421.7	
11	333	68.67	312.5	
12	344	77.58	341.8	
13	349	63.27	274.4	
14	358	130.43	552.8	
15	372	70.04	285.5	
16	380	82.76	330.1	
17	406	71.00	265.3	
18	448	56.27	190.2	
19	473	93.23	298.6	
20	504	69.42	208.7	
21	549	54.41	150.1	
22	579	157.82	412.9	
23	639	38.50	91.3	
24	654	88.70	205.5	
25	707	59.34	127.2	
26	794	153.62	293.2	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-10-01\2013-10-01_002.xad

Created: 10/1/2013 4:29:29 PM
Modified: 10/1/2013 5:14:08 PM

Electropherogram Summary Continued ...**... Peak table for sample 2 : XfLCN29 Soni 1:3**

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations
27	10,380	75.00	10.9	Upper Marker

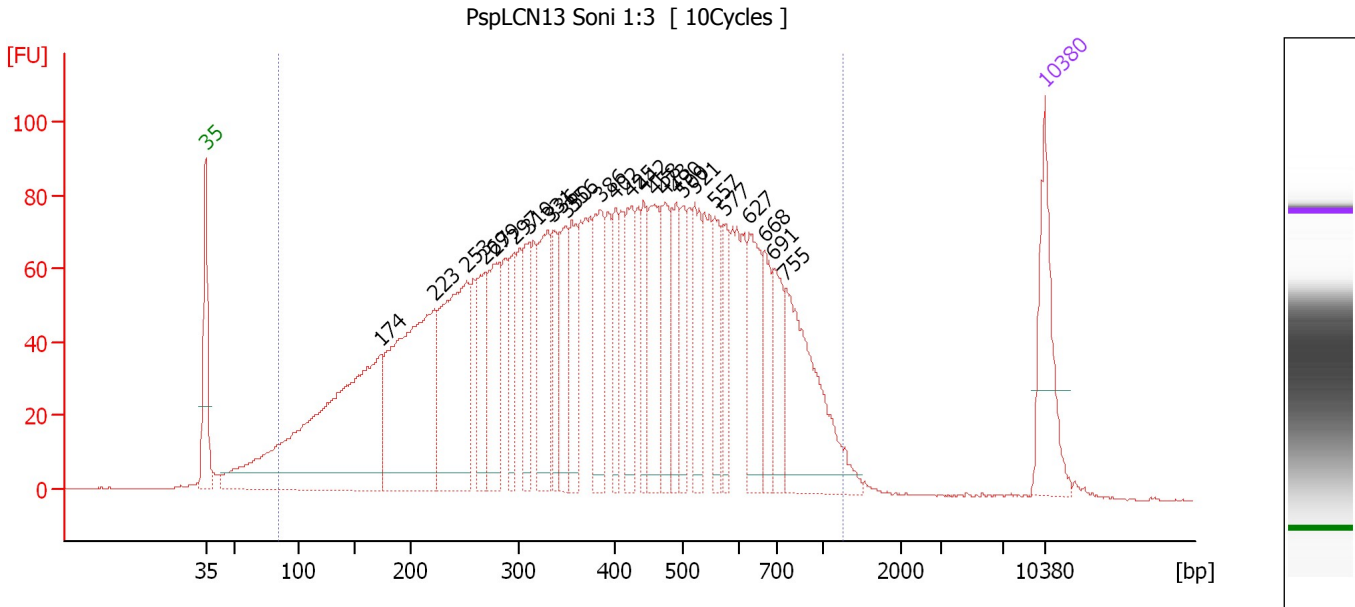
Region table for sample 2 : XfLCN29 Soni 1:3

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ μ l]	Corr. Area	% of Total	Size distribution in CV [%]	Color
84	1,301	410	23,006.2	4,129.38	4,560.8	97	49.1	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-10-01\2013-10-01_002.xad

Created: 10/1/2013 4:29:29 PM
 Modified: 10/1/2013 5:14:08 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : PspLCN13 Soni 1:3

Number of peaks found: 26 Corr. Area 1: 3,708.3
 Noise: 0.2

Peak table for sample 3 : PspLCN13 Soni 1:3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	174	538.89	4,704.2	
3	223	367.35	2,492.3	
4	253	256.22	1,535.5	
5	269	78.87	445.0	
6	279	111.03	603.2	
7	297	58.07	296.7	
8	310	72.35	353.0	
9	331	111.26	509.4	
10	336	58.18	262.4	
11	350	83.20	360.5	
12	356	74.86	318.8	
13	386	98.20	385.8	
14	402	53.96	203.6	
15	425	78.43	279.6	
16	442	53.50	183.6	
17	458	97.35	322.1	
18	473	84.36	270.3	
19	490	59.40	183.6	
20	500	50.91	154.1	
21	521	71.09	206.6	
22	557	61.62	167.5	
23	577	45.66	120.0	
24	627	83.27	201.2	
25	668	50.03	113.5	
26	691	56.86	124.8	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-10-01\2013-10-01_002.xad


Created: 10/1/2013 4:29:29 PM
 Modified: 10/1/2013 5:14:08 PM

Electropherogram Summary Continued ...

... Peak table for sample 3 : PspLCN13 Soni 1:3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	755	173.13	347.4	
28	10,380	75.00	10.9	Upper Marker

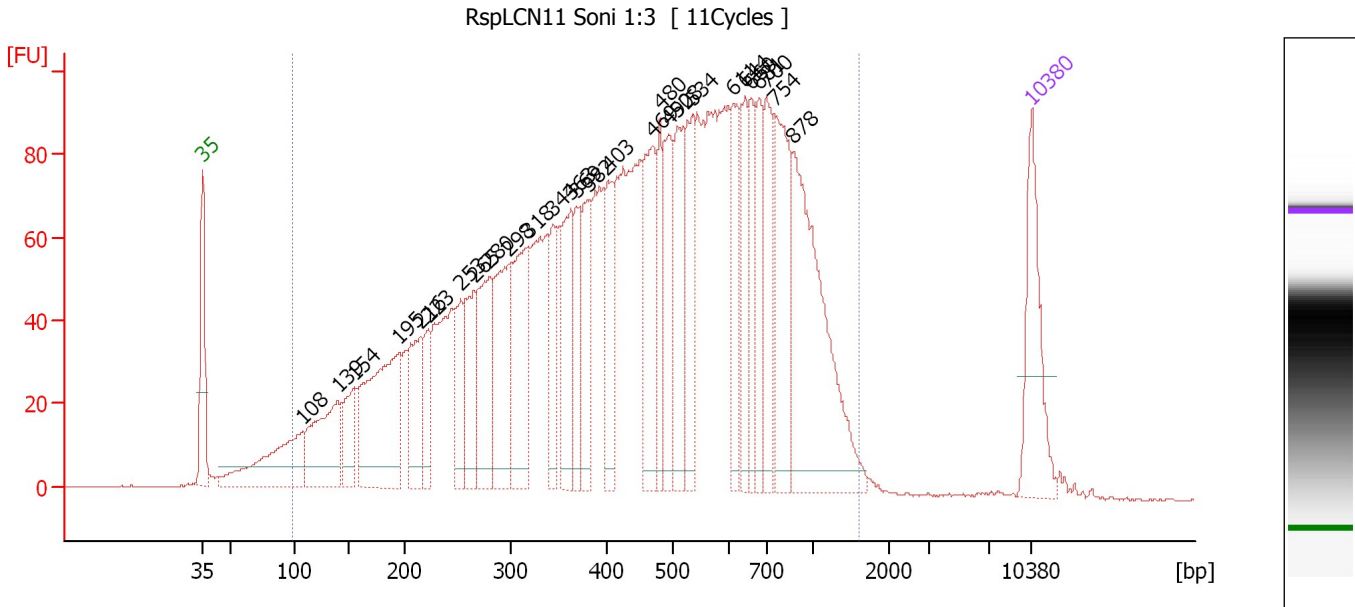
Region table for sample 3 : PspLCN13 Soni 1:3

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
84	1,248	419	20,011.9	3,693.01	3,708.3	97	47.8	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-10-01\2013-10-01_002.xad

Created: 10/1/2013 4:29:29 PM
 Modified: 10/1/2013 5:14:08 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : RspLCN11 Soni 1:3

Number of peaks found: 28 Corr. Area 1: 3,715.8
 Noise: 0.2

Peak table for sample 4 : RspLCN11 Soni 1:3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	108	144.03	2,026.4	
3	139	134.59	1,461.9	
4	154	63.82	627.8	
5	195	221.79	1,721.1	
6	216	82.62	580.6	
7	223	46.61	317.3	
8	253	61.99	370.6	
9	265	85.12	486.0	
10	280	114.44	619.7	
11	298	124.12	631.6	
12	318	134.64	641.2	
13	344	61.96	272.5	
14	363	107.13	447.2	
15	369	58.96	242.0	
16	382	74.90	296.7	
17	403	72.61	273.0	
18	469	116.12	375.2	
19	480	59.87	189.0	
20	492	82.33	253.6	
21	508	96.61	288.4	
22	534	86.21	244.8	
23	611	64.41	159.6	
24	644	60.79	143.0	
25	660	56.75	130.3	
26	681	65.30	145.2	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-10-01\2013-10-01_002.xad

Created: 10/1/2013 4:29:29 PM
 Modified: 10/1/2013 5:14:08 PM

Electropherogram Summary Continued ...

... Peak table for sample 4 : RspLCN11 Soni 1:3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	700	77.73	168.3	
28	754	129.74	260.6	
29	878	237.18	409.4	
30	10,380	75.00	10.9	Upper Marker

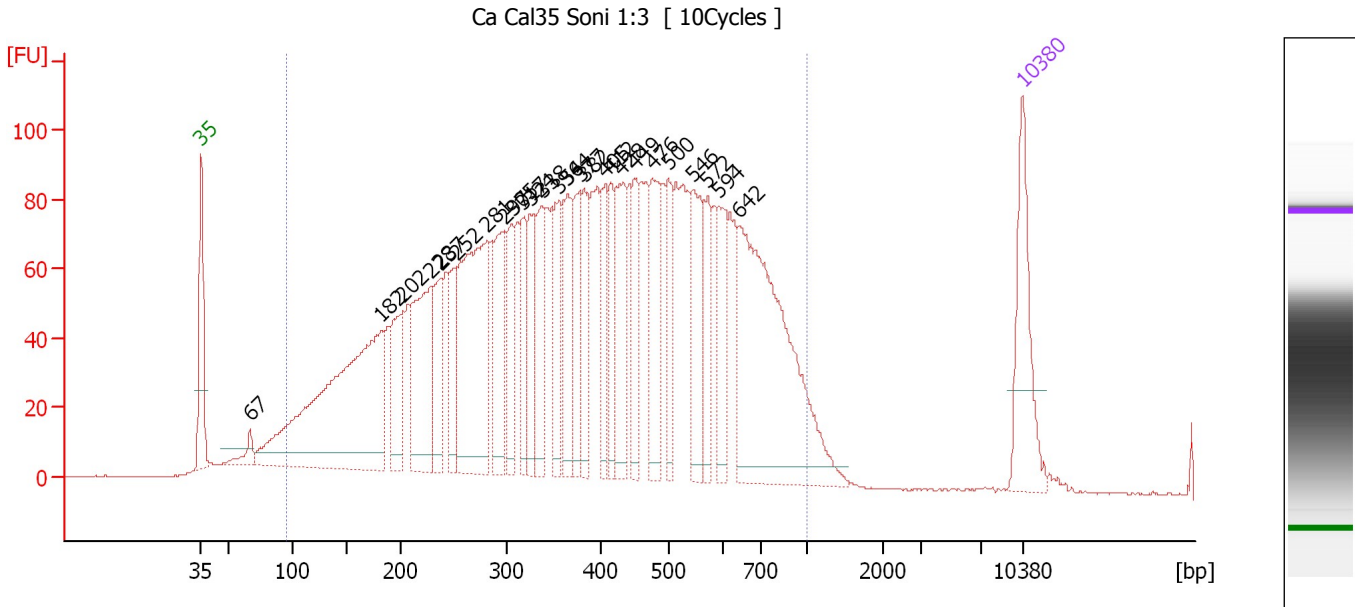
Region table for sample 4 : RspLCN11 Soni 1:3

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
99	1,612	498	17,354.0	3,743.87	3,715.8	97	51.1	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-10-01\2013-10-01_002.xad

Created: 10/1/2013 4:29:29 PM
 Modified: 10/1/2013 5:14:08 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : Ca Cal35 Soni 1:3

Number of peaks found: 26 Corr. Area 1: 3,914.8
 Noise: 0.2

Peak table for sample 5 : Ca Cal35 Soni 1:3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	67	21.33	485.0	
3	182	451.71	3,770.2	
4	202	86.09	646.1	
5	228	169.16	1,124.2	
6	237	69.10	441.7	
7	252	66.70	401.6	
8	281	252.87	1,362.3	
9	297	92.35	471.4	
10	305	62.50	310.6	
11	317	58.10	277.9	
12	324	62.51	292.3	
13	338	84.04	377.1	
14	354	78.38	335.5	
15	364	91.36	380.1	
16	377	60.10	241.4	
17	382	64.02	253.8	
18	405	58.44	218.5	
19	412	54.19	199.1	
20	428	91.09	322.7	
21	449	66.04	222.7	
22	476	85.22	271.4	
23	500	55.60	168.5	
24	546	85.48	237.0	
25	572	50.36	133.5	
26	594	63.34	161.5	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-10-01\2013-10-01_002.xad


Created: 10/1/2013 4:29:29 PM
 Modified: 10/1/2013 5:14:08 PM

Electropherogram Summary Continued ...

... Peak table for sample 5 : Ca Cal35 Soni 1:3

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations
27	642	320.03	755.8	
28	10,380	75.00	10.9	Upper Marker

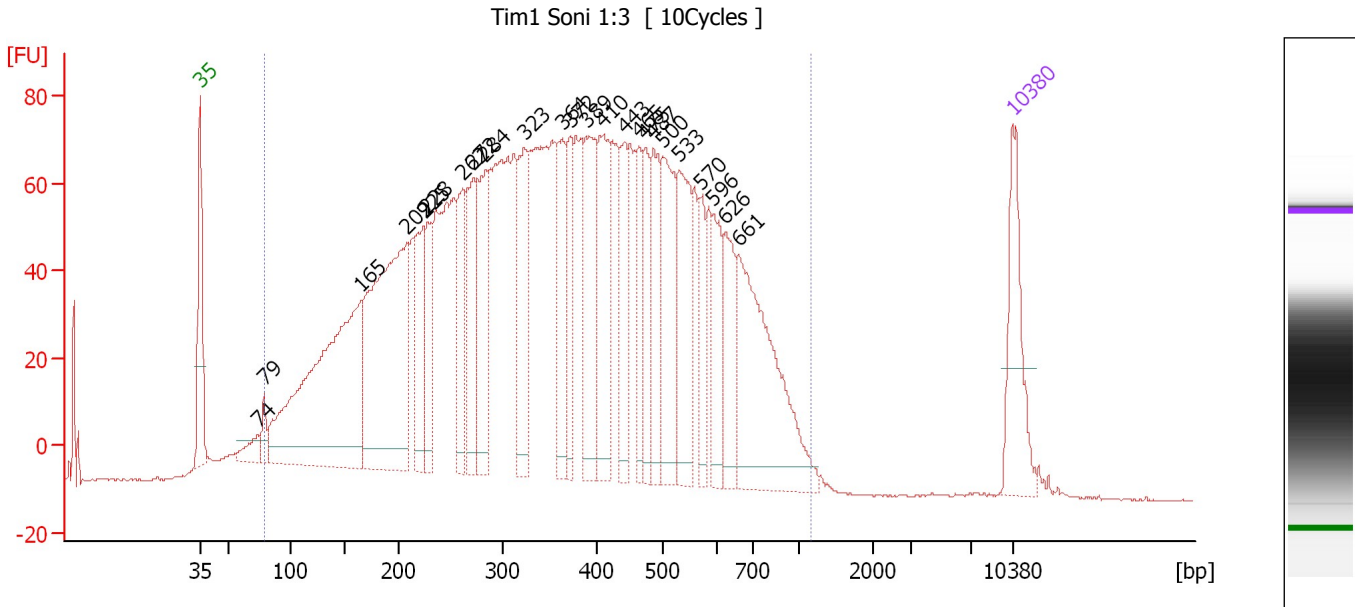
Region table for sample 5 : Ca Cal35 Soni 1:3

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ μ l]	Corr. Area	% of Total	Size distribution in CV [%]	Color
95	1,000	411	18,518.2	3,515.60	3,914.8	96	44.4	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-10-01\2013-10-01_002.xad

Created: 10/1/2013 4:29:29 PM
 Modified: 10/1/2013 5:14:08 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : Tim1 Soni 1:3

Number of peaks found: 24 Corr. Area 1: 2,283.6
 Noise: 0.1

Peak table for sample 6 : Tim1 Soni 1:3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	74	29.73	606.5	
3	79	22.43	428.2	
4	165	488.66	4,490.9	
5	209	412.44	2,996.4	
6	225	97.85	659.5	
7	228	72.45	480.7	
8	262	80.69	466.8	
9	272	110.79	617.0	
10	284	134.07	715.9	
11	323	109.42	513.5	
12	364	97.84	407.3	
13	372	69.93	284.9	
14	389	125.18	487.5	
15	410	116.32	429.5	
16	443	77.46	265.1	
17	465	61.30	199.9	
18	475	65.08	207.5	
19	487	82.06	255.1	
20	500	122.69	371.5	
21	533	116.34	330.8	
22	570	52.65	139.9	
23	596	66.29	168.6	
24	626	70.13	169.8	
25	661	232.55	533.3	
26	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-10-01\2013-10-01_002.xad

Created: 10/1/2013 4:29:29 PM
Modified: 10/1/2013 5:14:08 PM

Electropherogram Summary Continued ...

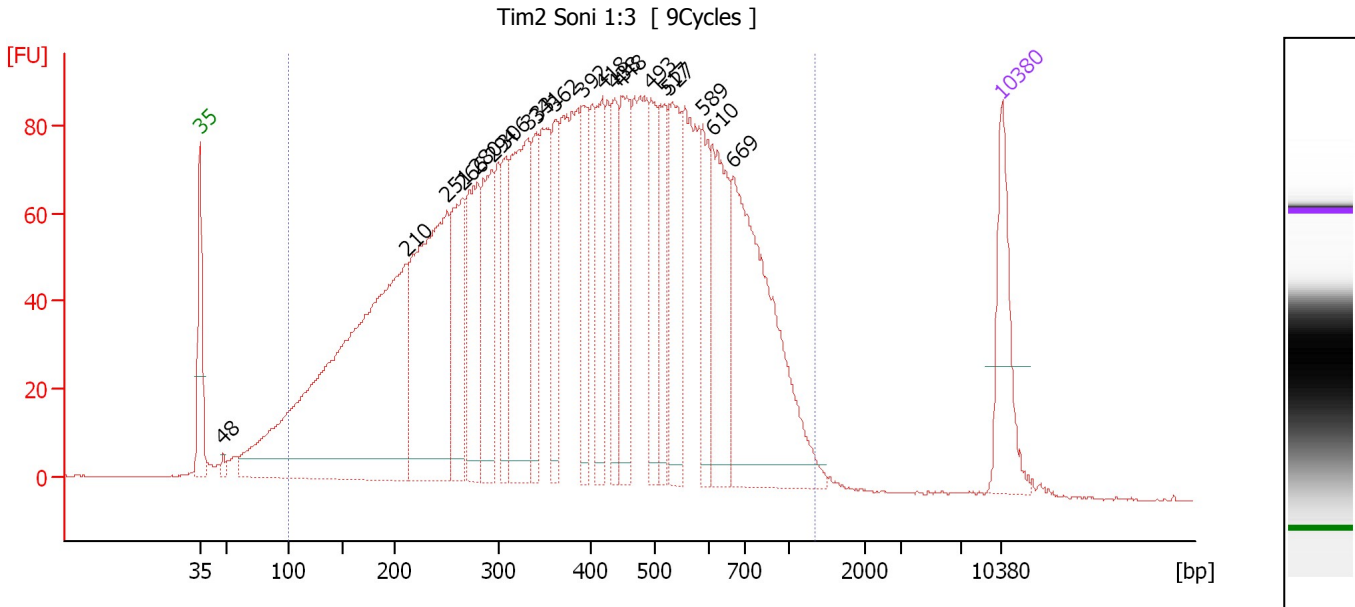
... Region table for sample 6 : Tim1 Soni 1:3

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
80	1,159	411	11,897.2	2,594.61	2,283.6	100	37.1	■

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-10-01\2013-10-01_002.xad

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 Modified: 10/1/2013 5:14:08 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : Tim2 Soni 1:3

Number of peaks found: 20 Corr. Area 1: 3,914.6
 Noise: 0.2

Peak table for sample 7 : Tim2 Soni 1:3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	48	7.94	251.4	
3	210	800.17	5,762.1	
4	251	383.93	2,321.1	
5	266	139.60	796.5	
6	280	148.45	803.3	
7	294	144.19	743.3	
8	306	79.81	395.3	
9	333	237.68	1,082.9	
10	341	84.49	375.2	
11	362	89.07	372.7	
12	392	81.69	315.6	
13	418	101.15	366.9	
14	438	79.08	273.4	
15	448	121.17	409.7	
16	493	85.89	263.8	
17	517	87.53	256.6	
18	527	124.20	357.2	
19	589	80.30	206.7	
20	610	139.26	346.0	
21	669	322.94	731.5	
22	10,380	75.00	10.9	Upper Marker

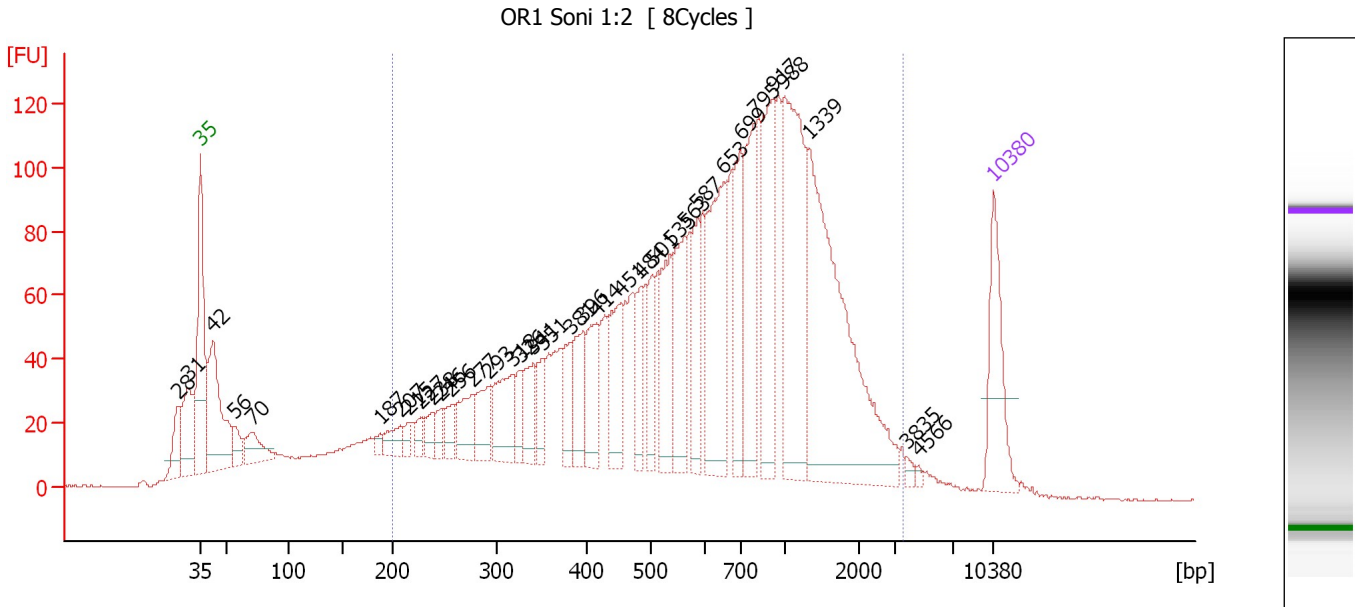
Region table for sample 7 : Tim2 Soni 1:3

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
99	1,333	423	21,966.0	4,286.94	3,914.6	96	46.6	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-10-01\2013-10-01_002.xad

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Electropherogram Summary Continued ...



Overall Results for sample 8 : OR1 Soni 1:2

Number of peaks found: 35 Corr. Area 1: 3,226.7
 Noise: 0.3

Peak table for sample 8 : OR1 Soni 1:2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	28	0.00	0.0	
2	31	0.00	0.0	
3	35	125.00	5,411.3	Lower Marker
4	42	200.66	7,247.8	
5	56	27.92	758.2	
6	70	53.95	1,165.2	
7	187	10.76	87.2	
8	207	30.61	223.9	
9	215	13.96	98.2	
10	227	17.76	118.6	
11	238	19.78	126.1	
12	246	21.72	133.7	
13	256	27.68	163.8	
14	277	55.60	304.4	
15	293	53.66	277.1	
16	318	84.26	401.8	
17	326	27.57	128.2	
18	341	49.89	221.9	
19	351	36.09	155.7	
20	381	42.02	167.2	
21	396	64.69	247.4	
22	414	70.95	259.9	
23	451	78.21	262.8	
24	484	46.34	145.0	
25	501	52.02	157.4	
26	535	89.25	252.7	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-10-01\2013-10-01_002.xad


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Electropherogram Summary Continued ...

... Peak table for sample 8 : OR1 Soni 1:2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	563	97.75	262.9	
28	587	63.50	163.8	
29	653	169.90	394.2	
30	699	95.24	206.4	
31	795	121.54	231.7	
32	917	133.81	221.2	
33	988	232.76	356.8	
34	1,339	330.62	374.1	
35	3,835	4.94	2.0	
36	4,566	2.71	0.9	
37	10,380	75.00	10.9	Upper Marker

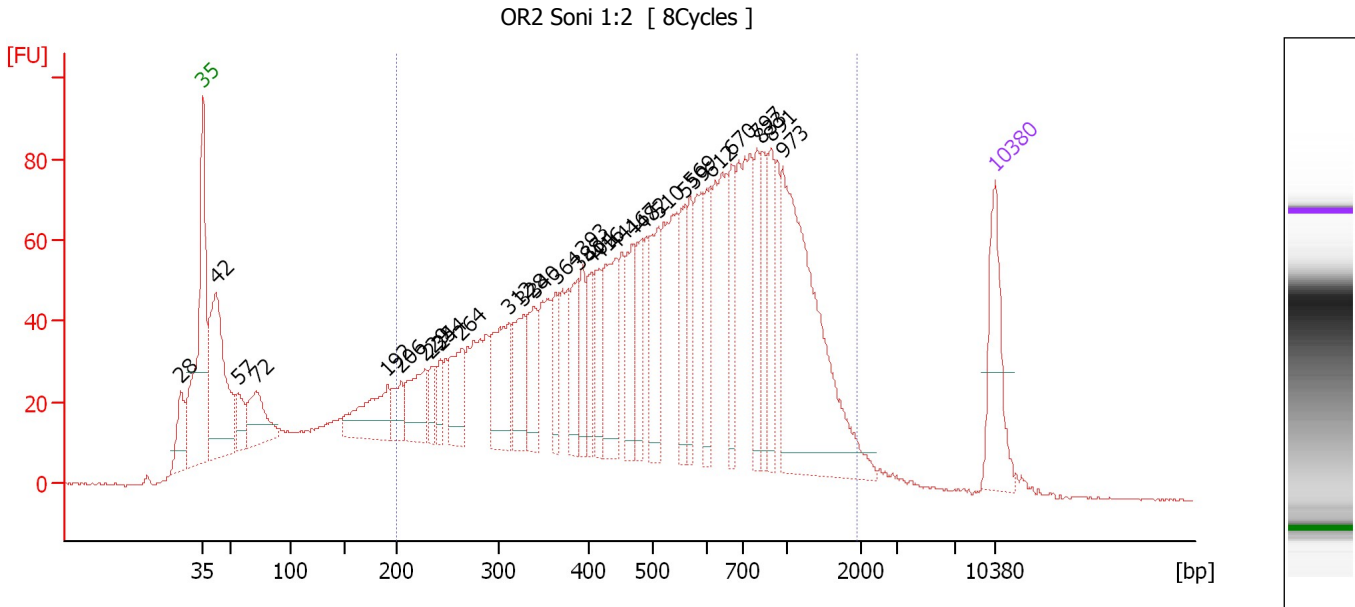
Region table for sample 8 : OR1 Soni 1:2

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
200	3,592	805	9,418.5	3,096.02	3,226.7	82	66.5	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-10-01\2013-10-01_002.xad

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Electropherogram Summary Continued ...



Overall Results for sample 9 : OR2 Soni 1:2

Number of peaks found: 30 Corr. Area 1: 2,675.8
 Noise: 0.3

Peak table for sample 9 : OR2 Soni 1:2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	28	0.00	0.0	
2	35	125.00	5,411.3	Lower Marker
3	42	278.58	9,989.2	
4	57	42.87	1,136.9	
5	72	89.46	1,884.6	
6	192	101.30	798.5	
7	206	38.83	286.1	
8	229	77.39	511.9	
9	235	27.33	176.3	
10	244	28.74	178.7	
11	264	75.43	432.1	
12	312	104.36	507.5	
13	328	78.28	361.7	
14	340	66.47	296.0	
15	364	45.01	187.5	
16	388	55.75	217.9	
17	393	44.76	172.6	
18	404	44.05	165.2	
19	416	48.34	175.8	
20	441	102.38	352.1	
21	467	70.68	229.3	
22	482	61.43	193.1	
23	510	82.12	244.2	
24	559	52.69	142.8	
25	569	53.34	142.0	
26	612	61.90	153.2	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-10-01\2013-10-01_002.xad

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Electropherogram Summary Continued ...

... Peak table for sample 9 : OR2 Soni 1:2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	670	63.06	142.5	
28	797	58.59	111.4	
29	833	57.52	104.6	
30	891	59.85	101.8	
31	973	316.51	492.8	
32	10,380	75.00	10.9	Upper Marker

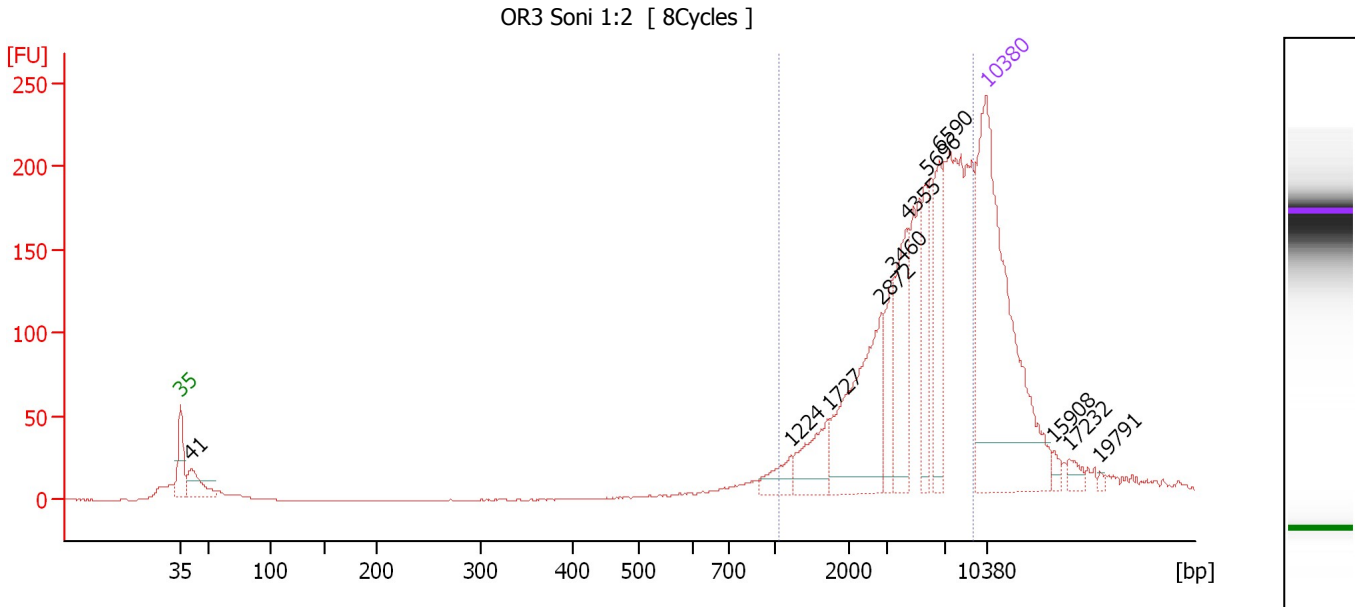
Region table for sample 9 : OR2 Soni 1:2

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
200	1,963	616	11,508.8	3,265.18	2,675.8	77	55.9	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-10-01\2013-10-01_002.xad

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Electropherogram Summary Continued ...



Setpoint Deviations for sample 10 : OR3 Soni 1:2

Height Threshold [FU] : 10

Overall Results for sample 10 : OR3 Soni 1:2

Number of peaks found: 11 Corr. Area 1: 1,669.7
 Noise: 0.3

Peak table for sample 10 : OR3 Soni 1:2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	41	12.76	473.4	
3	1,224	6.24	7.7	
4	1,727	12.71	11.1	
5	2,872	37.45	19.8	
6	3,460	11.96	5.2	
7	4,355	22.44	7.8	
8	5,696	12.48	3.3	
9	6,590	16.33	3.8	
10	10,380	75.00	10.9	Upper Marker
11	15,908	0.00	0.0	
12	17,232	0.00	0.0	
13	19,791	0.00	0.0	

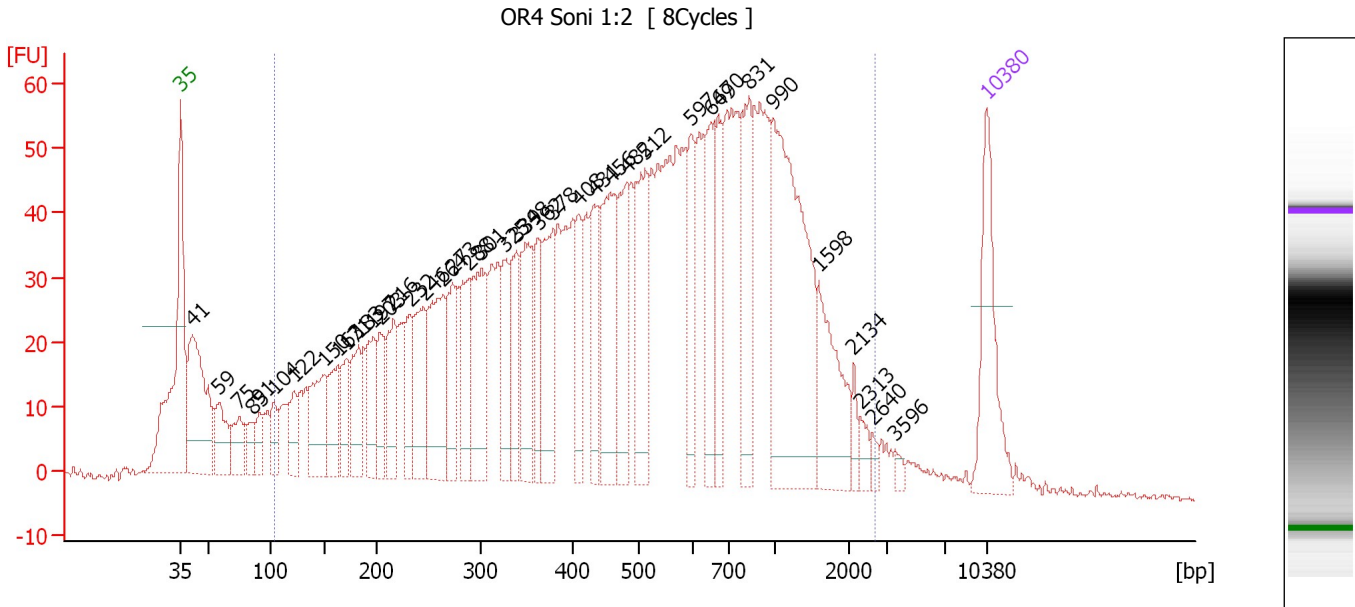
Region table for sample 10 : OR3 Soni 1:2

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
1,062	9,296	5,136	78.1	197.79	1,669.7	87	45.7	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-10-01\2013-10-01_002.xad

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Electropherogram Summary Continued ...



Overall Results for sample 11 : OR4 Soni 1:2

Number of peaks found: 40 Corr. Area 1: 2,308.5
 Noise: 0.7

Peak table for sample 11 : OR4 Soni 1:2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	41	188.75	6,940.1	
3	59	53.02	1,356.1	
4	75	41.59	841.4	
5	85	22.03	391.9	
6	91	24.43	404.8	
7	104	32.28	472.5	
8	122	41.84	519.0	
9	150	80.58	813.5	
10	163	58.18	539.9	
11	171	44.06	390.0	
12	183	63.75	528.5	
13	197	60.63	466.3	
14	203	48.75	363.2	
15	216	69.82	489.3	
16	232	54.96	359.4	
17	246	76.22	470.2	
18	264	116.27	667.8	
19	273	62.31	346.0	
20	288	69.91	367.3	
21	301	107.69	542.5	
22	325	59.81	279.0	
23	339	59.26	264.7	
24	348	86.83	377.8	
25	362	48.95	204.8	
26	378	92.63	371.0	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-10-01\2013-10-01_002.xad


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Electropherogram Summary Continued ...

... Peak table for sample 11 : OR4 Soni 1:2

Peak	Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
27	408	49.32	183.0	
28	431	65.86	231.3	
29	456	114.38	379.9	
30	482	75.38	237.1	
31	512	104.64	309.7	
32	597	67.90	172.4	
33	649	78.72	183.8	
34	670	55.04	124.4	
35	831	81.65	148.8	
36	990	245.48	375.8	
37	1,598	76.44	72.5	
38	2,134	10.97	7.8	
39	2,313	11.01	7.2	
40	2,640	5.88	3.4	
41	3,596	5.22	2.2	
42	10,380	75.00	10.9	Upper Marker

Region table for sample 11 : OR4 Soni 1:2

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/µl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
105	2,682	615	15,928.5	3,568.37	2,308.5	91	70.2	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-10-01\2013-10-01_002.xad

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Gel Image

