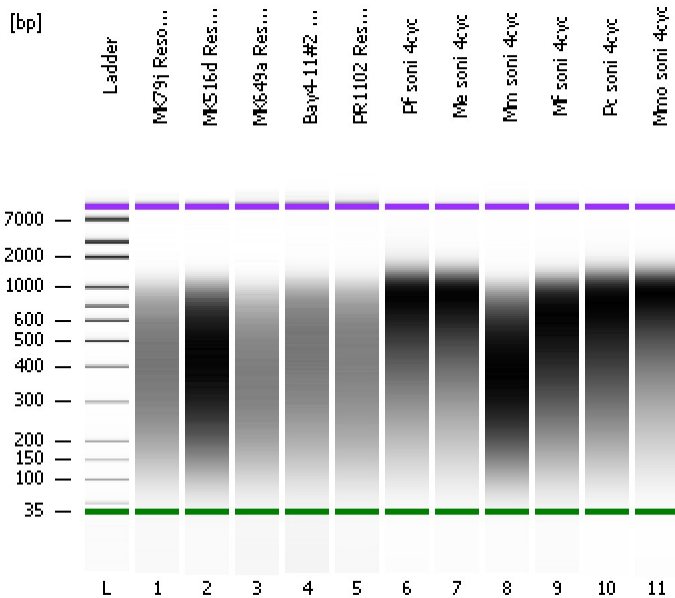


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-25\2014-02-25_001.xad

Created: 2/25/2014 9:53:01 AM
Modified: 2/25/2014 11:03:34 AM

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

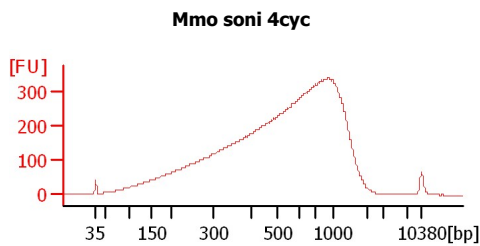
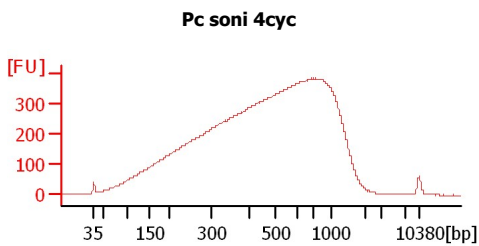
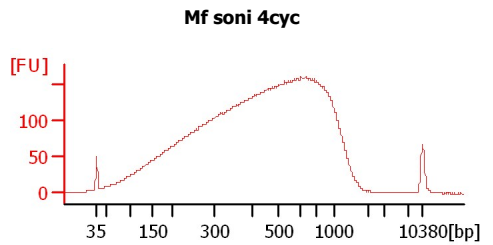
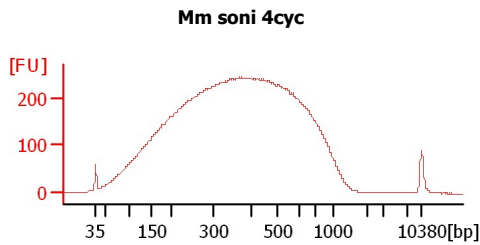
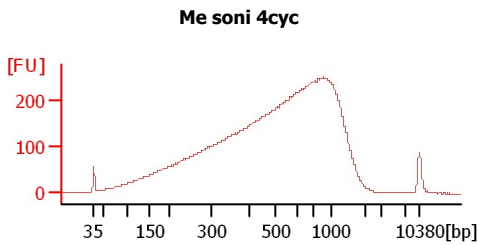
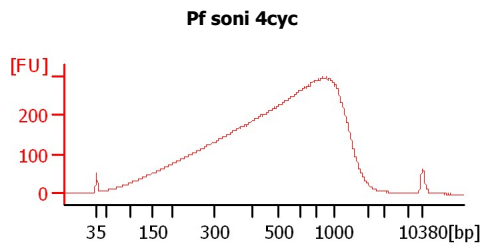
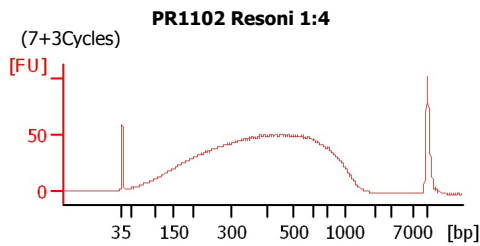
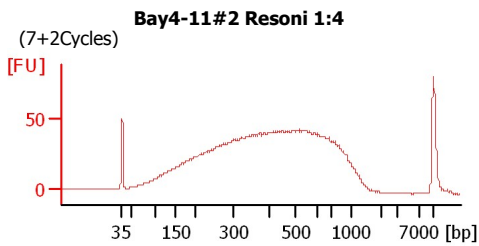
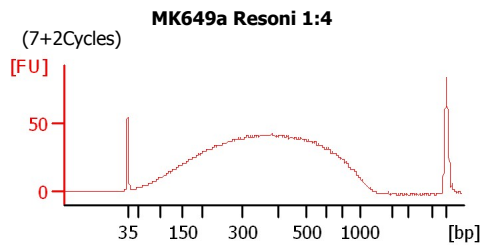
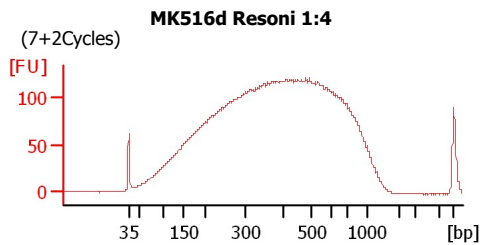
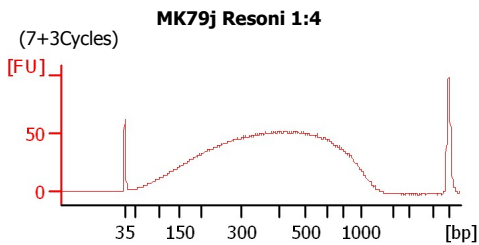
Assay Comments: Copyright © 2003-2010 Agilent Technologies

Chip Information:

Chip Lot #:

Reagent Kit Lot #:

Chip Comments:



Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-25\2014-02-25_001.xad

Created: 2/25/2014 9:53:01 AM
Modified: 2/25/2014 11:03:34 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
MK79j Resoni 1:4	(7+3Cycles)	<input type="checkbox"/>	✓			
MK516d Resoni 1:4	(7+2Cycles)	<input type="checkbox"/>	✓			
MK649a Resoni 1:4	(7+2Cycles)	<input type="checkbox"/>	✓			
Bay4-11#2 Resoni 1:4	(7+2Cycles)	<input type="checkbox"/>	✓			
PR1102 Resoni 1:4	(7+3Cycles)	<input type="checkbox"/>	✓			
Pf soni 4cyc		<input type="checkbox"/>	✓			
Me soni 4cyc		<input type="checkbox"/>	✓			
Mm soni 4cyc		<input type="checkbox"/>	✓			
Mf soni 4cyc		<input type="checkbox"/>	✓			
Pc soni 4cyc		<input type="checkbox"/>	✓			
Mmo soni 4cyc		<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\2014-02-25\2014-02-25_001.xad

Created: 2/25/2014 9:53:01 AM
Modified: 2/25/2014 11:03:34 AM

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

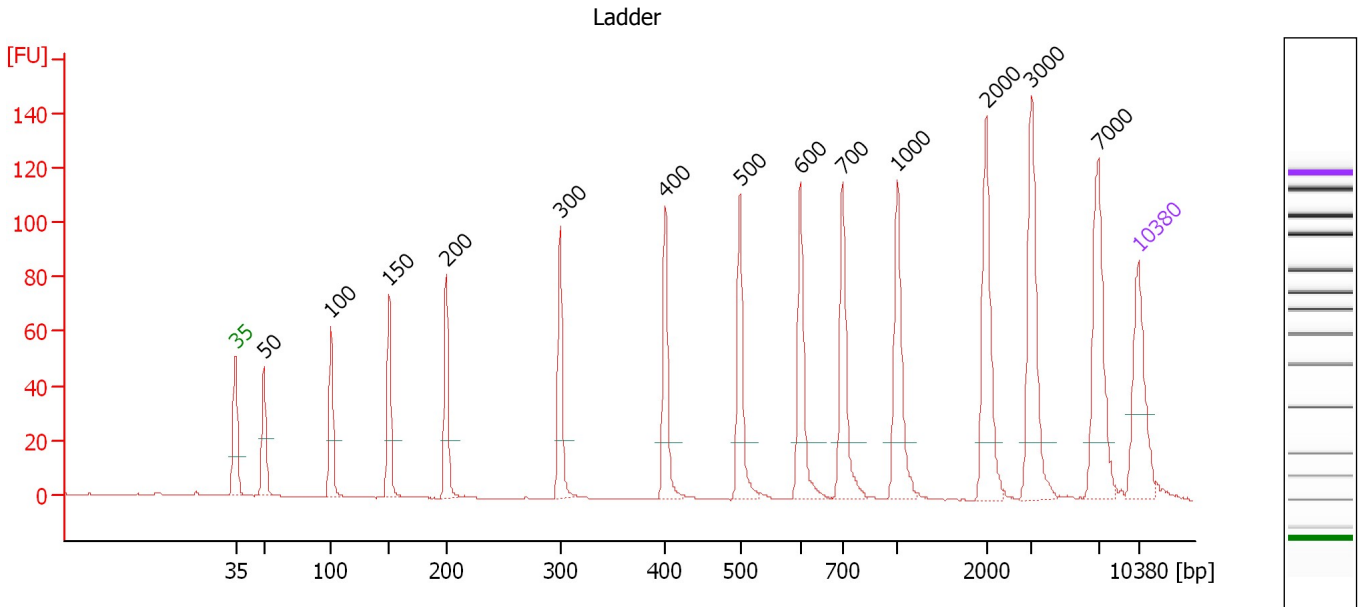
Ladder

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\2014-02-25\2014-02-25_001.xad

Created: 2/25/2014 9:53:01 AM
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Electropherogram Summary



Overall Results for Ladder

Noise: 0.1

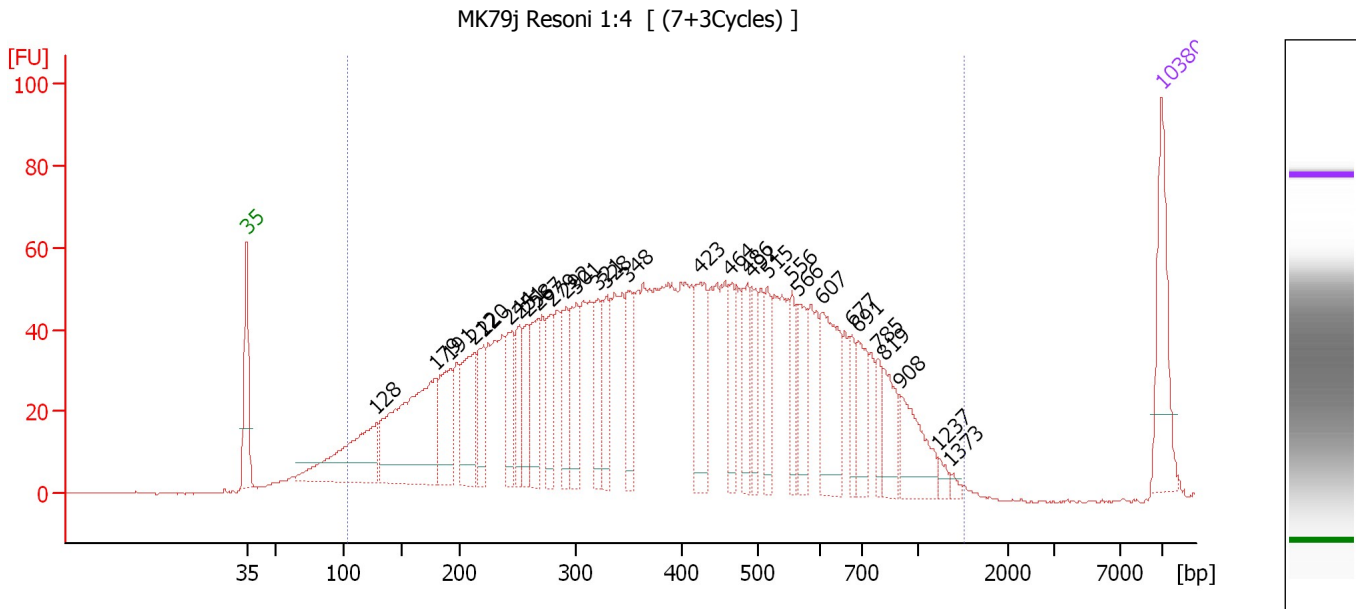
Peak table for Ladder

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	45.19	50	150.00	4,545.5	Ladder Peak
3	50.40	100	150.00	2,272.7	Ladder Peak
4	54.91	150	150.00	1,515.2	Ladder Peak
5	59.33	200	150.00	1,136.4	Ladder Peak
6	68.18	300	150.00	757.6	Ladder Peak
7	76.33	400	150.00	568.2	Ladder Peak
8	82.11	500	150.00	454.5	Ladder Peak
9	86.79	600	150.00	378.8	Ladder Peak
10	90.05	700	150.00	324.7	Ladder Peak
11	94.31	1,000	150.00	227.3	Ladder Peak
12	101.22	2,000	150.00	113.6	Ladder Peak
13	104.73	3,000	150.00	75.8	Ladder Peak
14	109.90	7,000	150.00	32.5	Ladder Peak
15	113.00	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-25\2014-02-25_001.xad

Created: 2/25/2014 9:53:01 AM
 Modified: 2/25/2014 11:03:34 AM

Electropherogram Summary Continued ...



Overall Results for sample 1 : MK79j Resoni 1:4

Number of peaks found: 30 Corr. Area 1: 2,506.9
 Noise: 0.2

Peak table for sample 1 : MK79j Resoni 1:4


Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	52.91	128	181.25	2,147.8	
3	57.48	179	290.84	2,460.7	
4	58.54	191	96.45	764.8	
5	60.42	212	114.34	816.1	
6	61.11	220	62.05	427.1	
7	63.19	244	69.34	431.3	
8	63.84	251	53.65	323.9	
9	64.46	258	53.82	316.2	
10	65.27	267	74.78	424.2	
11	66.29	279	58.44	317.7	
12	67.48	292	67.14	348.3	
13	68.25	301	83.80	422.0	
14	69.88	321	61.93	292.4	
15	70.49	328	61.65	284.5	
16	72.13	348	64.90	282.2	
17	77.67	423	99.76	357.1	
18	80.04	464	50.09	163.5	
19	81.30	486	55.82	174.0	
20	81.63	492	44.79	138.0	
21	82.81	515	42.98	126.4	
22	84.73	556	39.09	106.5	
23	85.18	566	60.07	160.9	
24	87.02	607	104.90	261.8	
25	89.30	677	29.79	66.7	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-25\2014-02-25_001.xad


Created: 2/25/2014 9:53:01 AM
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Electropherogram Summary Continued ...

... Peak table for sample 1 : MK79j Resoni 1:4

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations
26	89.75	691	50.22	110.2	
27	91.26	785	24.08	46.5	
28	91.75	819	47.00	86.9	
29	93.01	908	66.16	110.3	
30	95.95	1,237	8.54	10.5	
31	96.89	1,373	4.77	5.3	
32	 113.00	10,380	75.00	10.9	Upper Marker

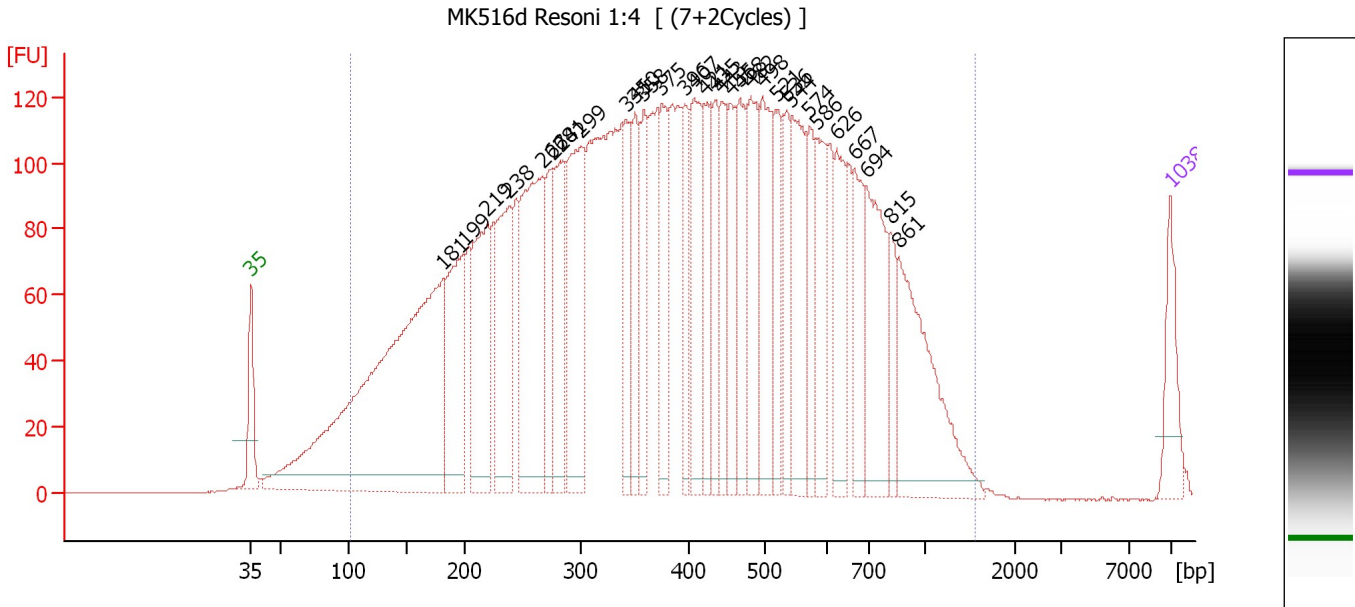
Region table for sample 1 : MK79j Resoni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ μ l]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
103	1,516	422	19,009.5	3,641.27	 2,506.9	97	49.8

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-25\2014-02-25_001.xad

Created: 2/25/2014 9:53:01 AM
 Modified: 2/25/2014 11:03:34 AM

Electropherogram Summary Continued ...



Overall Results for sample 2 : MK516d Resoni 1:4

Number of peaks found: 31 Corr. Area 1: 5,622.1
 Noise: 0.2

Peak table for sample 2 : MK516d Resoni 1:4


Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	57.62	181	1,392.95	11,684.9	
3	59.20	199	304.43	2,323.5	
4	60.99	219	336.11	2,328.5	
5	62.65	238	308.79	1,969.8	
6	65.17	266	484.01	2,757.2	
7	65.90	274	141.59	782.3	
8	66.51	281	234.25	1,262.6	
9	68.13	299	343.77	1,739.3	
10	71.54	341	139.11	617.6	
11	72.23	350	147.03	636.9	
12	72.88	358	145.84	617.7	
13	74.26	375	152.88	618.2	
14	76.01	396	127.78	488.7	
15	76.74	407	236.12	878.6	
16	77.51	421	125.33	451.6	
17	78.32	435	115.08	401.3	
18	78.81	443	140.78	481.6	
19	79.50	455	138.67	461.9	
20	80.23	468	163.97	531.4	
21	81.05	482	205.49	646.6	
22	81.98	498	217.52	662.2	
23	83.08	521	119.64	348.2	
24	83.81	536	116.19	328.3	
25	84.17	544	224.46	625.1	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-25\2014-02-25_001.xad

Created: 2/25/2014 9:53:01 AM
 Modified: 2/25/2014 11:03:34 AM

Electropherogram Summary Continued ...

... Peak table for sample 2 : MK516d Resoni 1:4

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
26	85.55	574	111.72	295.1	
27	86.12	586	134.32	347.5	
28	87.62	626	150.17	363.7	
29	88.96	667	124.30	282.5	
30	89.86	694	242.17	528.7	
31	91.68	815	70.72	131.5	
32	92.33	861	308.90	543.8	
33	 113.00	10,380	75.00	10.9	Upper Marker

Region table for sample 2 : MK516d Resoni 1:4

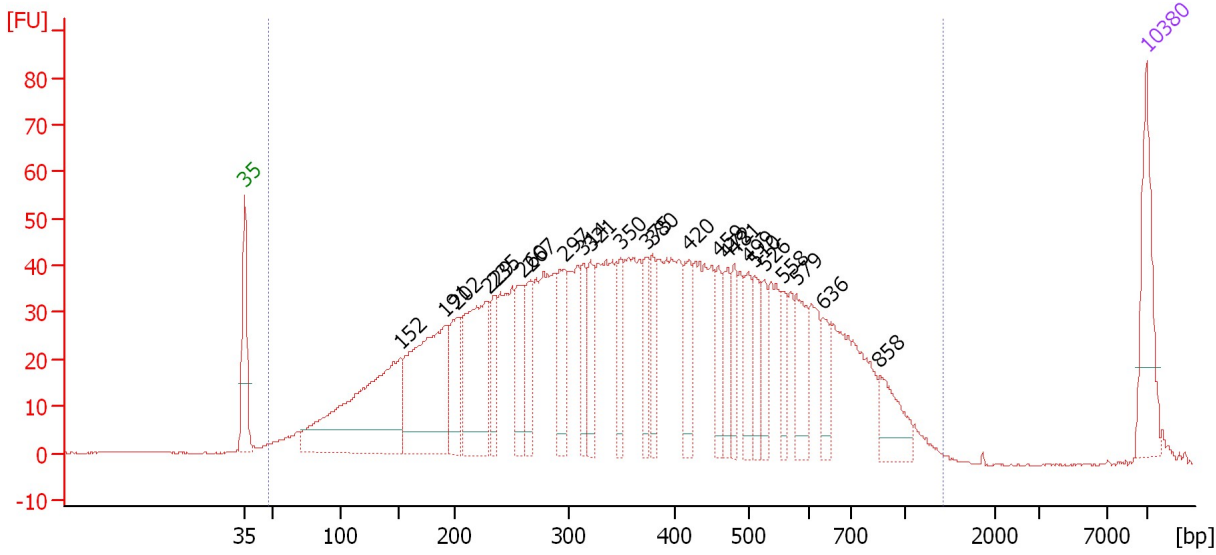
From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
103	1,550	426	44,188.9	8,508.35	 5,622.1	97	49.5

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-25\2014-02-25_001.xad

Created: 2/25/2014 9:53:01 AM
 Modified: 2/25/2014 11:03:34 AM

Electropherogram Summary Continued ...

MK649a Resoni 1:4 [(7+2Cycles)]



Overall Results for sample 3 : MK649a Resoni 1:4

Number of peaks found: 24 Corr. Area 1: 2,127.5
 Noise: 0.2

Peak table for sample 3 : MK649a Resoni 1:4

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	55.13	152	378.28	3,758.4	
3	58.56	191	290.16	2,297.8	
4	59.48	202	79.67	598.7	
5	61.92	229	204.73	1,353.3	
6	62.41	235	55.49	358.0	
7	64.61	260	77.50	452.3	
8	65.23	267	56.21	319.4	
9	67.88	297	85.74	438.0	
10	69.29	314	55.16	266.5	
11	69.87	321	54.52	257.6	
12	72.23	350	51.97	225.2	
13	74.25	375	49.66	200.9	
14	74.67	380	49.36	197.0	
15	77.48	420	55.67	200.8	
16	79.76	459	42.30	139.5	
17	80.50	472	44.96	144.3	
18	81.00	481	41.77	131.6	
19	82.08	499	49.08	148.9	
20	82.57	510	44.51	132.3	
21	83.32	526	36.80	106.0	
22	84.81	558	33.26	90.3	
23	85.80	579	60.59	158.6	
24	87.96	636	34.23	81.6	
25	92.30	858	52.44	92.6	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-25\2014-02-25_001.xad

Created: 2/25/2014 9:53:01 AM
 Modified: 2/25/2014 11:03:34 AM

Electropherogram Summary Continued ...

... Peak table for sample 3 : MK649a Resoni 1:4

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations
26	113.00	10,380	75.00	10.9	Upper Marker

Region table for sample 3 : MK649a Resoni 1:4

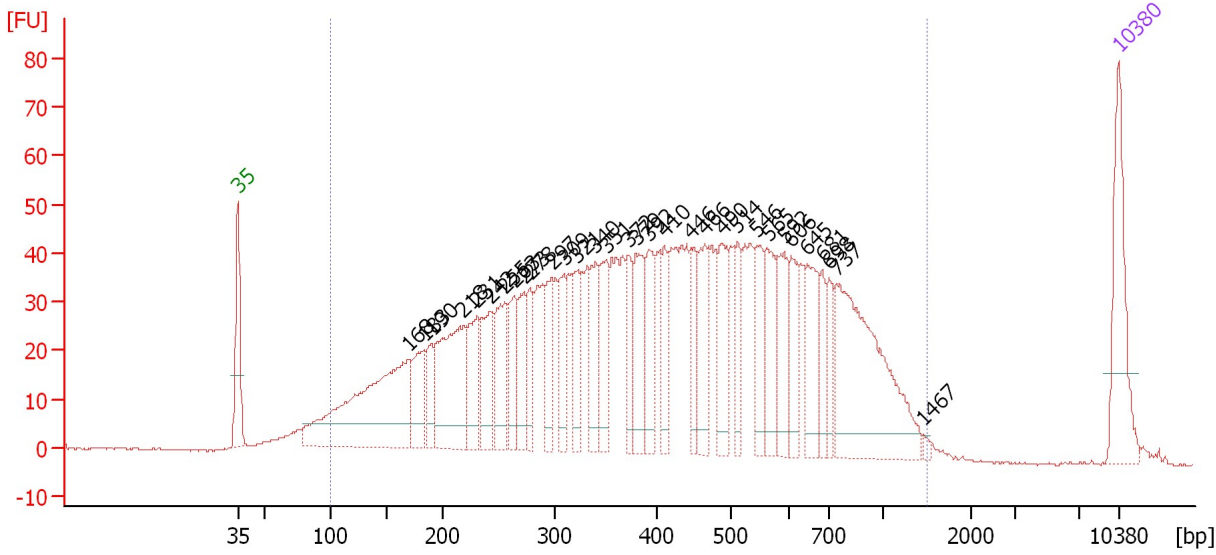
From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ μ l]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
48	1,428	392	21,691.9	3,592.95	2,127.5	99	49.9

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-25\2014-02-25_001.xad

Created: 2/25/2014 9:53:01 AM
 Modified: 2/25/2014 11:03:34 AM

Electropherogram Summary Continued ...

Bay4-11#2 Resoni 1:4 [(7+2Cycles)]



Overall Results for sample 4 : Bay4-11#2 Resoni 1:4

Number of peaks found: 32 Corr. Area 1: 2,063.8
 Noise: 0.1

Peak table for sample 4 : Bay4-11#2 Resoni 1:4

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	56.52	168	303.61	2,735.2	
3	57.83	183	67.53	559.0	
4	58.42	190	41.18	328.8	
5	60.92	218	173.18	1,203.7	
6	62.07	231	67.22	441.0	
7	63.08	242	72.16	451.0	
8	64.19	255	77.76	462.3	
9	64.95	263	59.98	344.9	
10	65.75	273	57.19	317.9	
11	66.22	278	44.15	240.8	
12	67.96	297	52.01	264.9	
13	68.93	309	55.16	270.3	
14	69.91	321	51.73	244.0	
15	71.43	340	61.73	275.1	
16	72.32	351	64.33	277.8	
17	74.06	372	43.12	175.5	
18	74.65	379	72.37	288.9	
19	75.67	392	55.42	214.2	
20	76.90	410	41.85	154.7	
21	78.97	446	44.31	150.6	
22	80.16	466	65.71	213.5	
23	81.52	490	67.96	210.3	
24	82.75	514	39.22	115.7	
25	84.27	546	54.53	151.3	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-25\2014-02-25_001.xad

Created: 2/25/2014 9:53:01 AM
 Modified: 2/25/2014 11:03:34 AM

Electropherogram Summary Continued ...

... Peak table for sample 4 : Bay4-11#2 Resoni 1:4

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
26	85.16	565	65.16	174.7	
27	86.43	592	51.52	131.8	
28	86.98	606	49.71	124.3	
29	88.25	645	62.44	146.7	
30	89.44	681	30.15	67.1	
31	89.99	698	29.14	63.2	
32	90.58	737	221.90	455.9	
33	97.53	1,467	2.73	2.8	
34	113.00	10,380	75.00	10.9	Upper Marker

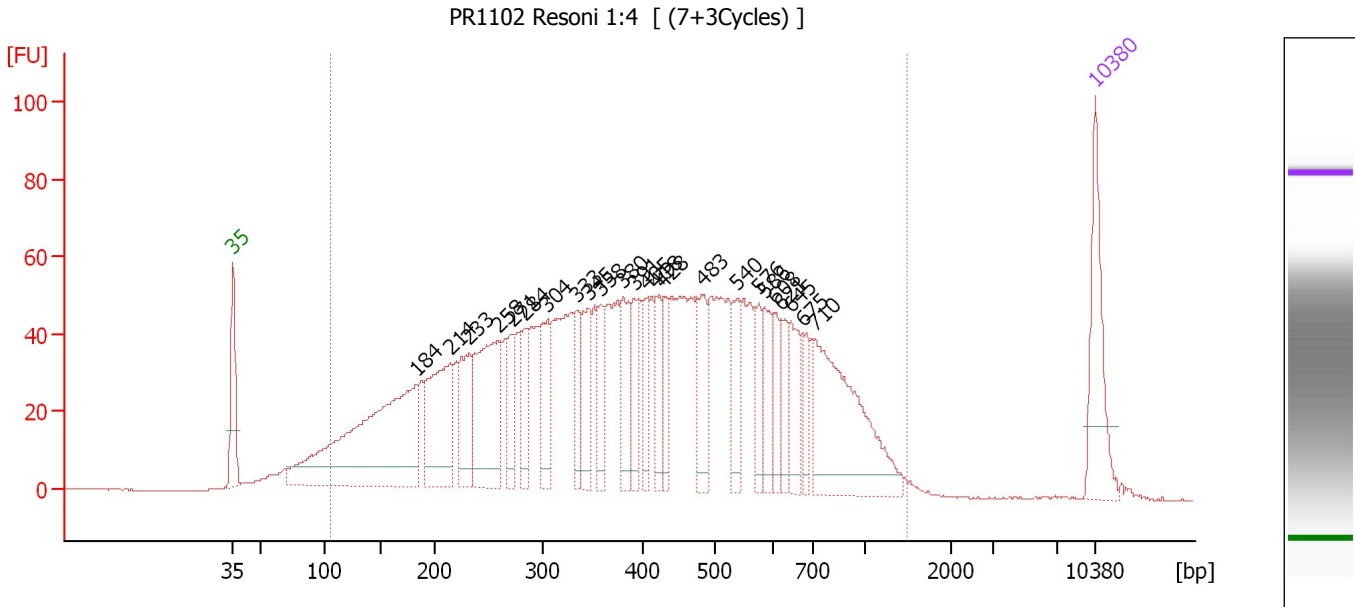
Region table for sample 4 : Bay4-11#2 Resoni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
99	1,510	451	15,153.6	3,022.84	2,063.8	97	51.2

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-25\2014-02-25_001.xad

Created: 2/25/2014 9:53:01 AM
 Modified: 2/25/2014 11:03:34 AM

Electropherogram Summary Continued ...



Overall Results for sample 5 : PR1102 Resoni 1:4

Number of peaks found: 24 Corr. Area 1: 2,446.3
 Noise: 0.2

Peak table for sample 5 : PR1102 Resoni 1:4

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	57.88	184	404.48	3,337.6	
3	60.61	214	165.76	1,171.3	
4	62.21	233	83.22	542.3	
5	64.50	258	185.00	1,084.6	
6	65.63	271	46.04	257.2	
7	66.75	284	50.07	267.3	
8	68.53	304	71.08	354.0	
9	70.90	333	46.03	209.2	
10	71.86	345	62.41	274.0	
11	72.89	358	45.08	190.9	
12	74.67	380	67.90	271.0	
13	75.58	391	53.28	206.5	
14	76.62	405	45.86	171.6	
15	77.39	418	45.73	165.6	
16	77.96	428	42.08	148.9	
17	81.11	483	59.16	185.7	
18	83.97	540	51.31	144.0	
19	85.66	576	36.62	96.3	
20	86.13	586	48.13	124.4	
21	87.04	608	31.47	78.4	
22	87.47	621	35.34	86.2	
23	88.25	645	47.58	111.8	
24	89.25	675	30.31	68.0	
25	90.20	710	210.15	448.2	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-25\2014-02-25_001.xad


Created: 2/25/2014 9:53:01 AM
 Modified: 2/25/2014 11:03:34 AM

Electropherogram Summary Continued ...

... Peak table for sample 5 : PR1102 Resoni 1:4

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations
26	113.00	10,380	75.00	10.9	Upper Marker

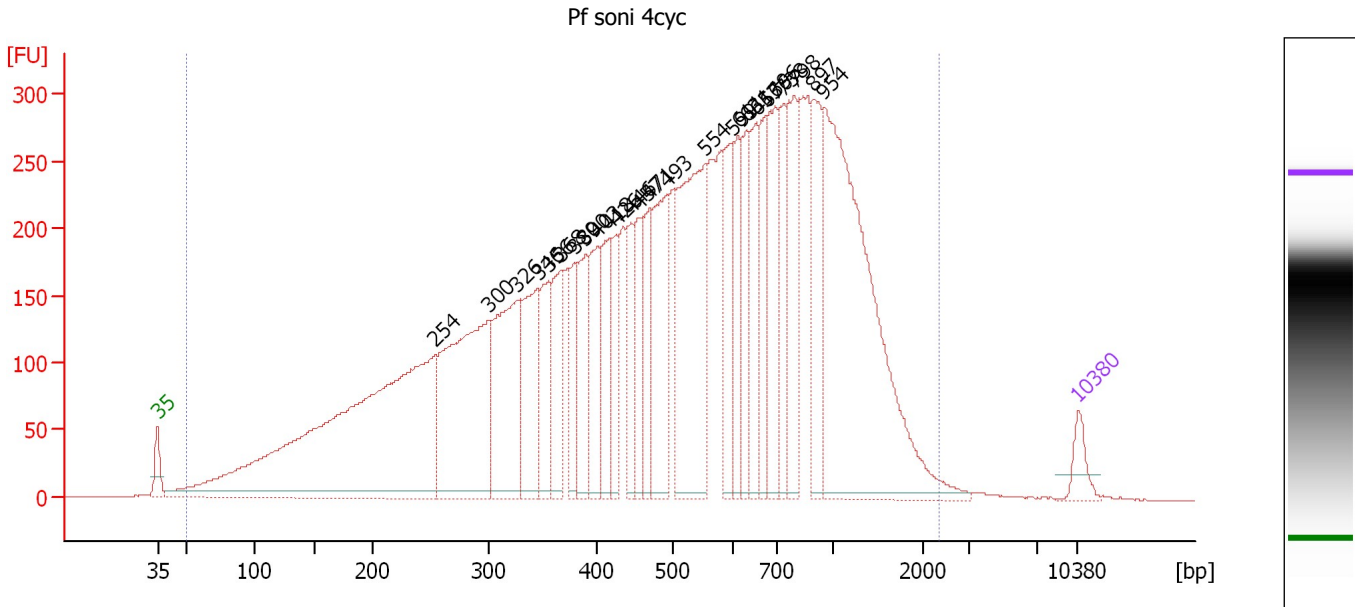
Region table for sample 5 : PR1102 Resoni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ μ l]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
105	1,480	437	15,365.3	3,018.51	 2,446.3	96	50.4

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-25\2014-02-25_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 6 : Pf soni 4cyc

Number of peaks found: 26 Corr. Area 1: 10,674.5
 Noise: 0.2

Peak table for sample 6 : Pf soni 4cyc

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	64.12	254	2,977.36	17,752.9	
3	68.15	300	1,360.05	6,877.1	
4	70.32	326	803.71	3,732.5	
5	71.91	346	502.66	2,202.4	
6	72.75	356	316.76	1,347.6	
7	73.68	368	338.42	1,395.0	
8	74.66	380	240.66	960.8	
9	75.54	390	346.18	1,343.6	
10	76.47	403	332.20	1,250.4	
11	77.36	418	339.45	1,230.9	
12	77.85	426	235.73	837.9	
13	79.00	446	241.56	820.4	
14	79.62	457	282.29	936.2	
15	80.41	471	247.29	796.1	
16	81.70	493	582.11	1,789.7	
17	84.62	554	1,043.02	2,854.5	
18	86.74	599	376.56	952.3	
19	87.14	611	262.65	651.4	
20	87.81	631	267.62	642.4	
21	88.52	653	335.81	779.3	
22	89.27	676	300.44	673.4	
23	89.93	696	417.58	908.6	
24	90.60	738	304.68	625.3	
25	91.44	798	447.26	849.7	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-25\2014-02-25_001.xad

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Electropherogram Summary Continued ...

... Peak table for sample 6 : Pf soni 4cyc

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations
26	92.85	897	379.34	640.5	
27	93.65	954	1,843.87	2,929.9	
28	113.00	10,380	75.00	10.9	Upper Marker

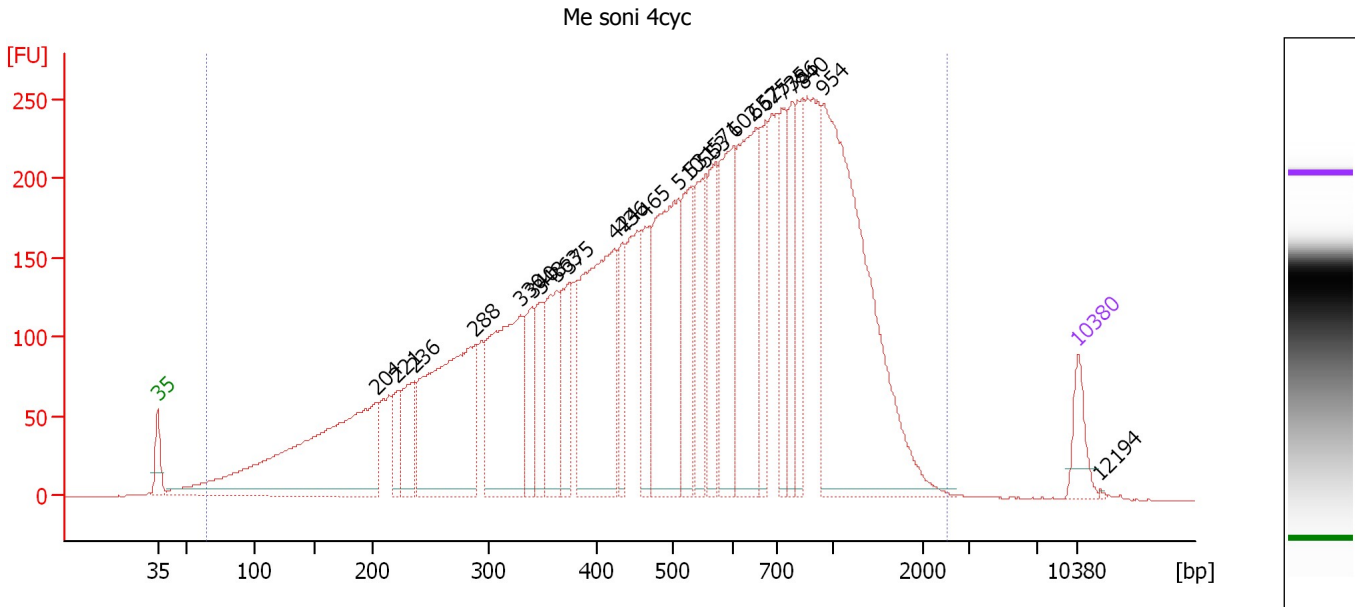
Region table for sample 6 : Pf soni 4cyc

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ μ l]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
50	2,361	602	78,422.4	17,556.91	10,674.5	99	60.1

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-25\2014-02-25_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 7 : Me soni 4cyc

Number of peaks found: 24 Corr. Area 1: 8,443.2
 Noise: 0.2

Peak table for sample 7 : Me soni 4cyc

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	59.69	204	1,157.15	8,592.3	
3	61.22	221	105.34	721.1	
4	62.52	236	201.23	1,291.5	
5	67.16	288	846.80	4,448.0	
6	70.62	330	631.19	2,898.2	
7	71.48	340	161.53	718.8	
8	72.11	348	164.46	715.6	
9	73.32	363	279.73	1,167.2	
10	74.31	375	188.87	762.6	
11	77.73	424	724.58	2,587.6	
12	78.40	436	150.75	524.0	
13	80.11	465	217.65	708.5	
14	82.59	510	617.26	1,833.2	
15	83.58	531	267.66	763.2	
16	84.61	553	242.73	664.5	
17	85.42	571	232.81	617.9	
18	86.86	602	362.51	911.9	
19	88.48	652	572.42	1,330.4	
20	89.25	675	184.15	413.2	
21	90.55	735	230.75	475.6	
22	91.27	786	184.40	355.5	
23	92.04	840	194.14	350.3	
24	93.66	954	1,183.73	1,880.4	
25	113.00	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-25\2014-02-25_001.xad


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Electropherogram Summary Continued ...

... Peak table for sample 7 : Me soni 4cyc

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations
26	114.66	12,194	0.00	0.0	

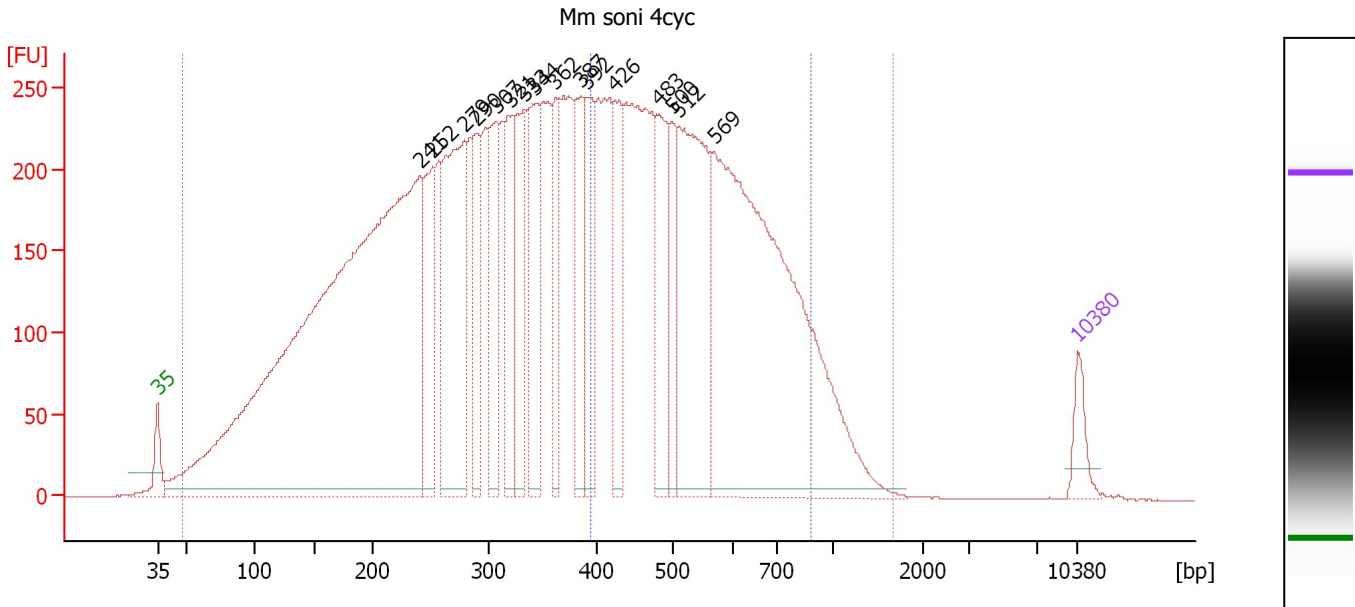
Region table for sample 7 : Me soni 4cyc

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ μ l]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
64	2,534	609	46,599.1	10,859.99	 8,443.2	99	58.3

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-25\2014-02-25_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 8 : Mm soni 4cyc

Number of peaks found: 16 Corr. Area 1: 12,012.6
 Noise: 0.1 Corr. Area 2: 4,104.7

Peak table for sample 8 : Mm soni 4cyc

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	62.94	241	4,776.53	30,055.2	
3	63.94	252	435.83	2,619.5	
4	66.35	279	935.80	5,076.5	
5	67.30	290	288.25	1,505.6	
6	68.76	307	394.89	1,948.5	
7	69.89	321	367.07	1,732.6	
8	70.89	333	360.64	1,639.5	
9	71.75	344	442.69	1,950.5	
10	73.25	362	266.21	1,113.4	
11	75.25	387	331.03	1,296.6	
12	75.66	392	307.68	1,189.7	
13	77.84	426	311.49	1,107.4	
14	81.11	483	353.25	1,108.9	
15	82.11	500	213.17	646.0	
16	82.66	512	866.73	2,566.9	
17	85.34	569	2,182.70	5,812.5	
18	113.00	10,380	75.00	10.9	Upper Marker

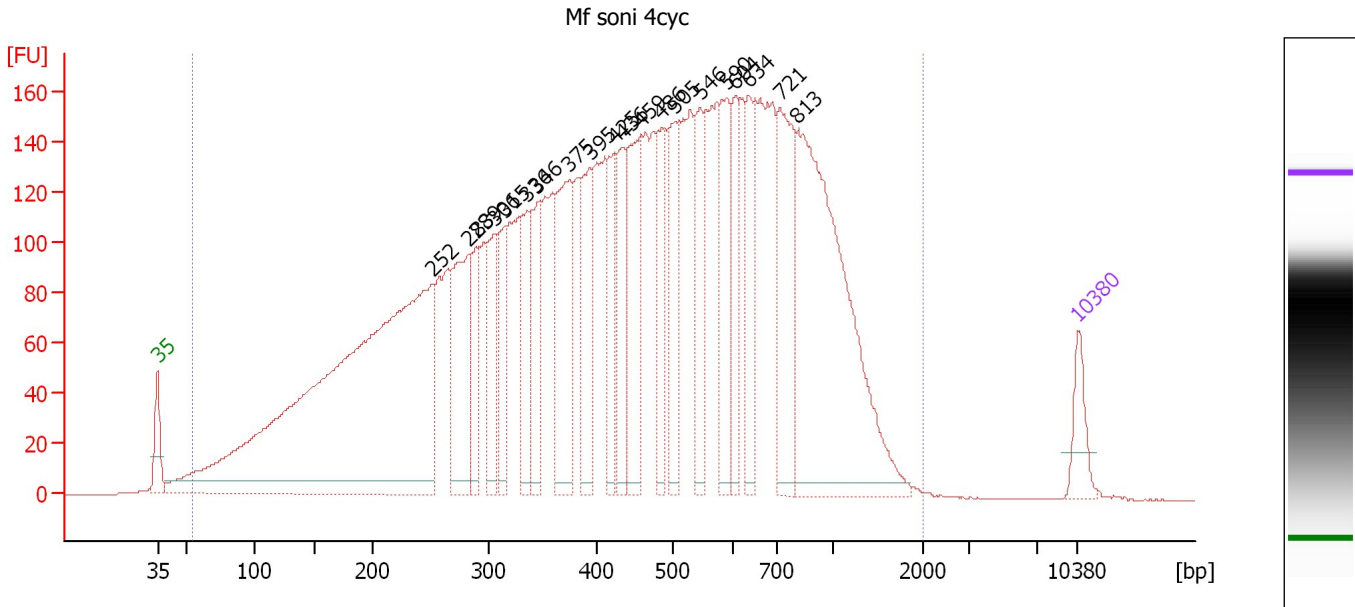
Region table for sample 8 : Mm soni 4cyc

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
48	1,657	400	103,980.9	17,284.54	12,012.6	100	51.9
396	881	544	15,027.0	5,130.41	4,104.7	34	20.8

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-25\2014-02-25_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 9 : Mf soni 4cyc

Number of peaks found: 20 Corr. Area 1: 6,749.5
 Noise: 0.2

Peak table for sample 9 : Mf soni 4cyc

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	63.93	252	2,578.74	15,505.4	
3	66.65	283	436.78	2,340.8	
4	67.19	289	168.34	883.0	
5	68.64	306	221.31	1,096.9	
6	69.41	315	183.92	884.2	
7	71.09	336	186.21	840.4	
8	71.91	346	252.83	1,108.0	
9	74.31	375	386.33	1,560.0	
10	75.89	395	252.45	969.1	
11	77.75	425	189.84	677.4	
12	78.39	436	232.71	809.5	
13	79.74	459	329.33	1,087.0	
14	81.28	486	195.24	609.1	
15	82.33	505	250.41	752.0	
16	84.28	546	215.81	598.6	
17	86.31	590	260.39	668.8	
18	86.90	604	180.38	452.8	
19	87.90	634	219.69	525.0	
20	90.35	721	390.79	821.6	
21	91.66	813	1,086.24	2,023.8	
22	113.00	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-25\2014-02-25_001.xad

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Electropherogram Summary Continued ...

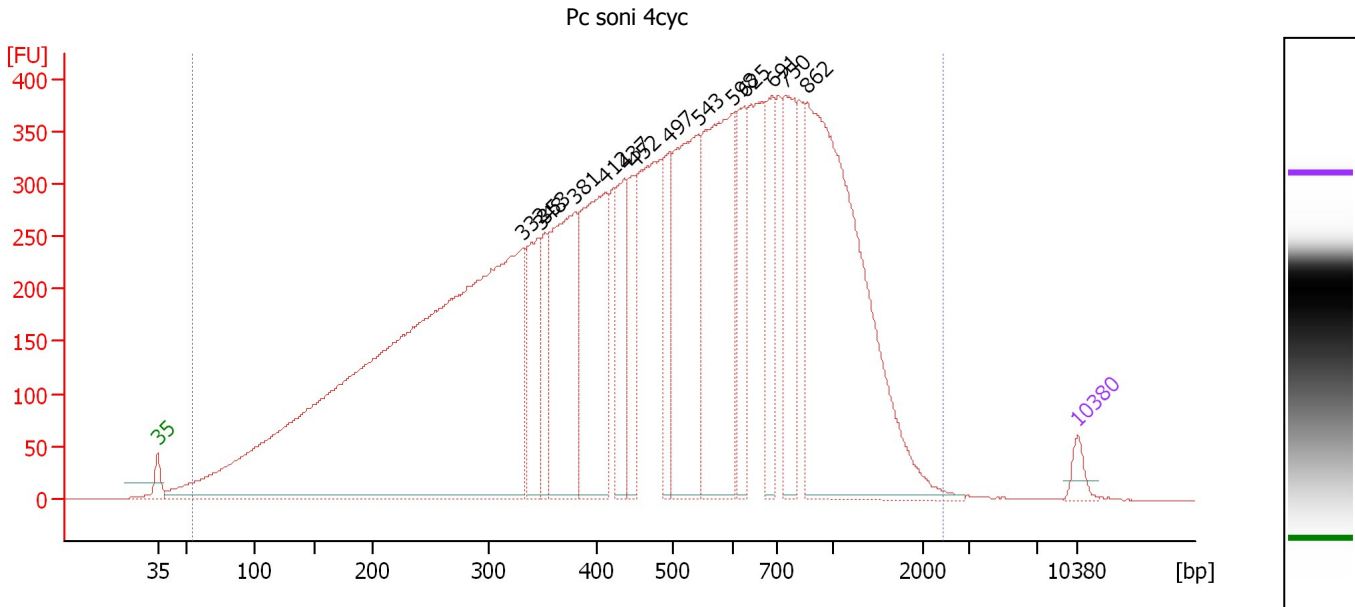
... Region table for sample 9 : Mf soni 4cyc

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
54	1,992	501	62,161.7	12,289.87	6,749.5	99	55.6

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-25\2014-02-25_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 10 : Pc soni 4cyc

Number of peaks found: 14 Corr. Area 1: 15,445.3
 Noise: 0.2

Peak table for sample 10 : Pc soni 4cyc

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	70.80	332	8,737.45	39,856.2	
3	72.08	348	718.50	3,129.8	
4	72.49	353	427.08	1,833.8	
5	74.76	381	1,470.59	5,850.8	
6	77.04	412	1,556.71	5,719.4	
7	78.46	437	604.68	2,097.5	
8	79.32	452	448.87	1,505.4	
9	81.92	497	462.74	1,411.7	
10	84.11	543	1,565.97	4,372.4	
11	86.70	598	1,772.46	4,489.0	
12	87.62	625	581.95	1,409.9	
13	89.76	691	501.16	1,098.9	
14	90.76	750	779.11	1,574.2	
15	92.36	862	3,361.22	5,906.5	
16	113.00	10,380	75.00	10.9	Upper Marker

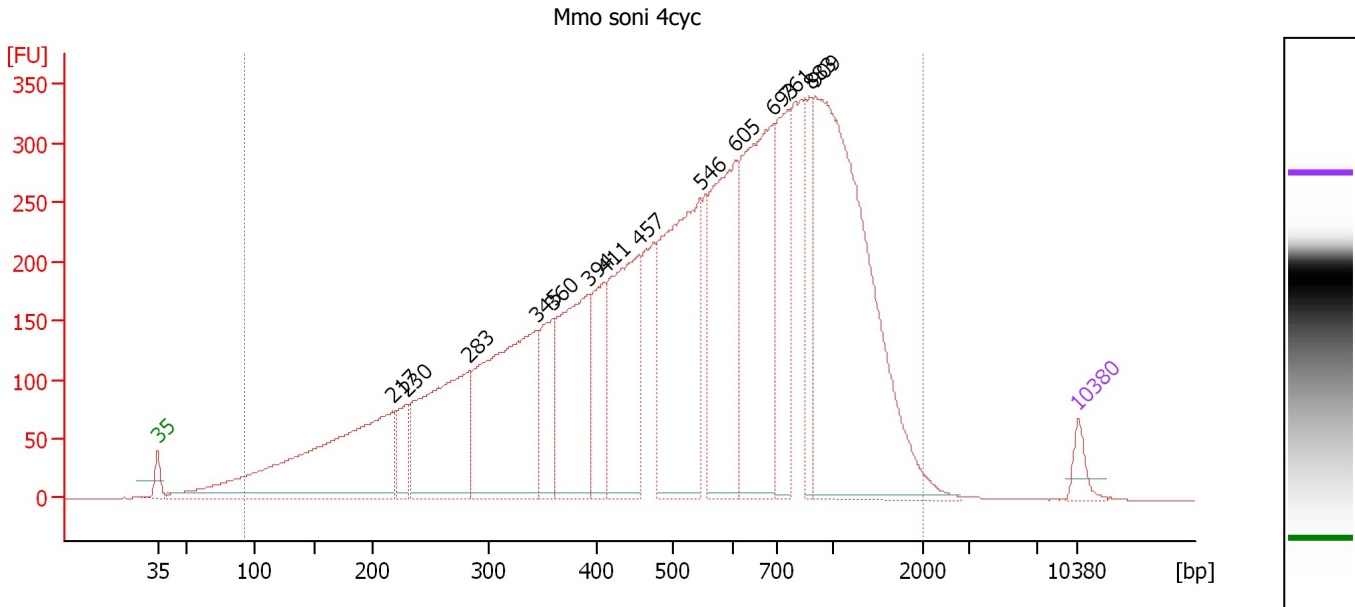
Region table for sample 10 : Pc soni 4cyc

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
54	2,448	558	140,314.1	29,344.64	15,445.3	99	60.5

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-25\2014-02-25_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 11 : Mmo soni 4cyc

Number of peaks found: 14 Corr. Area 1: 10,268.4
 Noise: 0.2

Peak table for sample 11 : Mmo soni 4cyc

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	60.84	217	1,846.58	12,889.2	
3	61.98	230	244.56	1,611.3	
4	66.68	283	1,210.01	6,476.4	
5	71.89	345	1,545.92	6,779.7	
6	73.07	360	422.30	1,777.1	
7	75.81	394	920.96	3,544.6	
8	76.95	411	441.95	1,630.1	
9	79.64	457	1,058.66	3,507.5	
10	84.25	546	1,459.98	4,053.3	
11	86.94	605	1,086.34	2,721.4	
12	89.82	693	1,403.41	3,069.1	
13	90.91	761	653.76	1,302.2	
14	92.65	883	306.13	525.4	
15	93.01	909	2,547.20	4,247.9	
16	113.00	10,380	75.00	10.9	Upper Marker

Region table for sample 11 : Mmo soni 4cyc

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
93	1,993	633	65,244.2	16,638.30	10,268.4	98	56.1

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-25\2014-02-25_001.xad

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Gel Image

