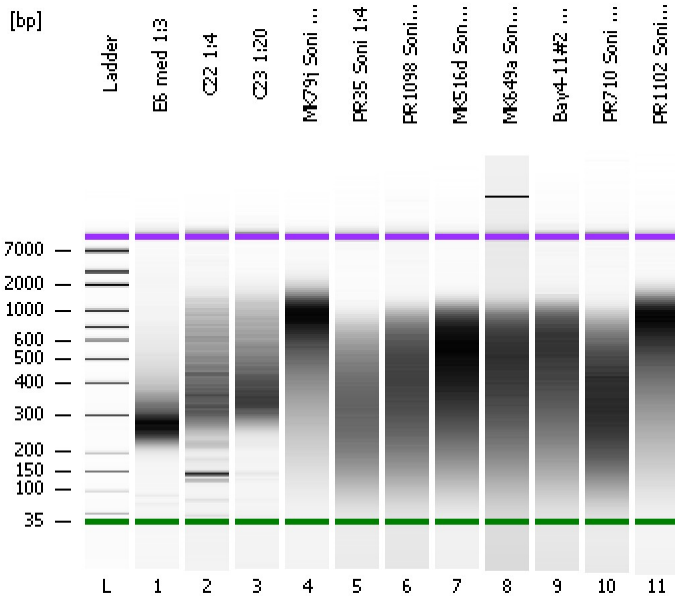


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-24\2014-02-24_002.xad

Created: 2/24/2014 11:19:23 AM
Modified: 2/24/2014 12:02:34 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

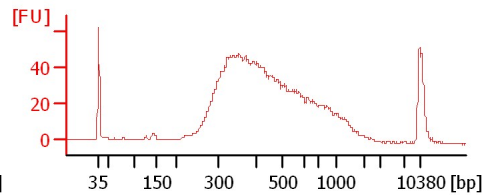
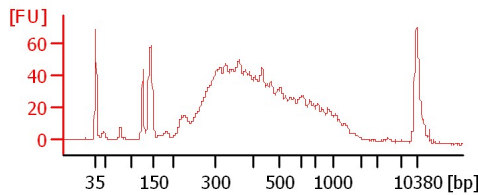
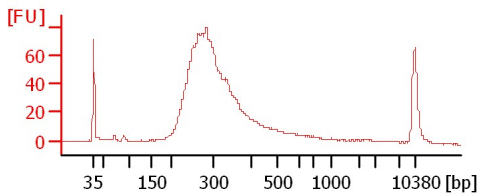
Chip Information:

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

E6 med 1:3

C22 1:4

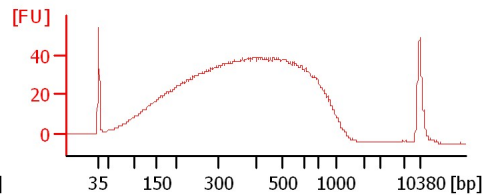
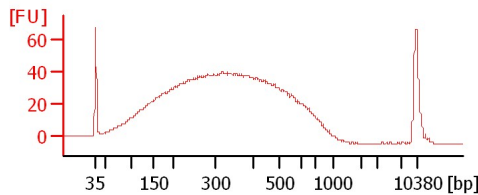
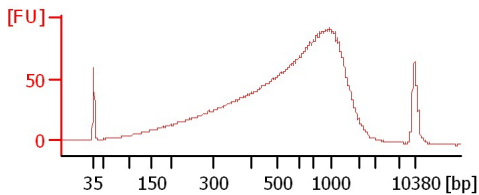
C23 1:20



MK79j Soni 1:4

PR35 Soni 1:4

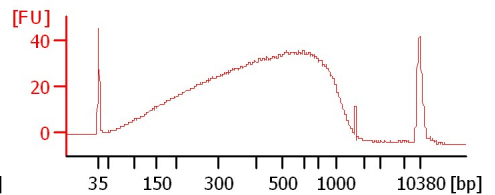
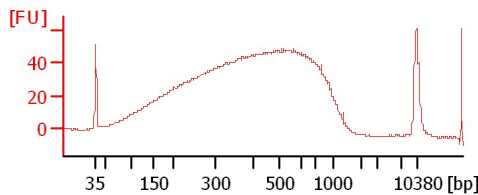
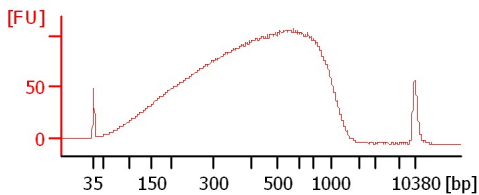
PR1098 Soni 1:4



MK516d Soni 1:4

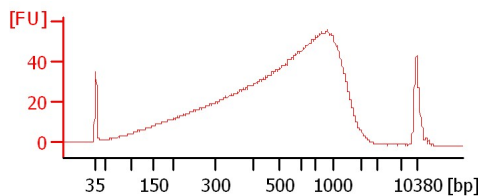
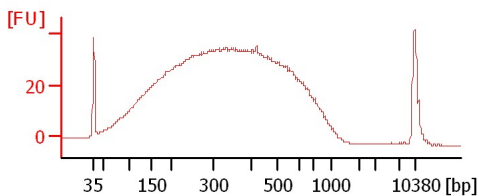
MK649a Soni 1:4

Bay4-11#2 Soni 1:4



PR710 Soni 1:4

PR1102 Soni 1:4



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-24\2014-02-24_002.xad

Created: 2/24/2014 11:19:23 AM
 Modified: 2/24/2014 12:02:34 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
E6 med 1:3		<input type="checkbox"/>	✓			
C22 1:4		<input type="checkbox"/>	✓			
C23 1:20		<input type="checkbox"/>	✓			
MK79j Soni 1:4		<input type="checkbox"/>	✓			
PR35 Soni 1:4		<input type="checkbox"/>	✓			
PR1098 Soni 1:4		<input type="checkbox"/>	✓			
MK516d Soni 1:4		<input type="checkbox"/>	✓			
MK649a Soni 1:4		<input type="checkbox"/>	✓			
Bay4-11#2 Soni 1:4		<input type="checkbox"/>	✓			
PR710 Soni 1:4		<input type="checkbox"/>	✓			
PR1102 Soni 1:4		<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\2014-02-24\2014-02-24_002.xad

Created: 2/24/2014 11:19:23 AM
Modified: 2/24/2014 12:02:34 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

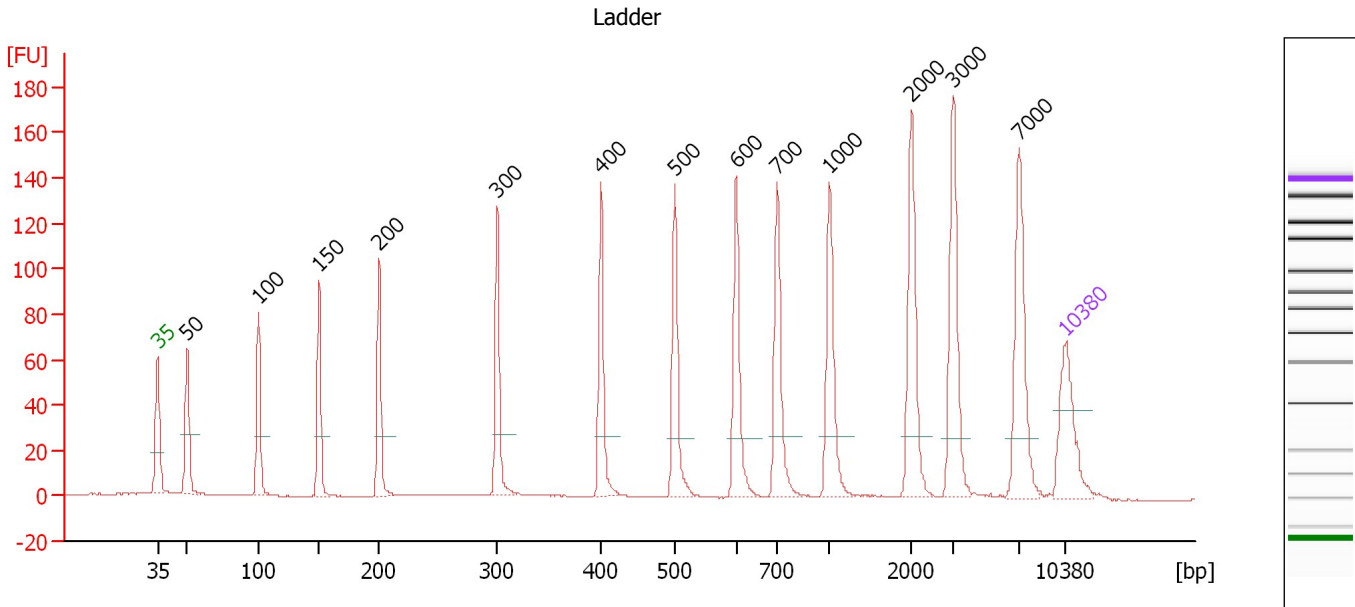
Ladder

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\2014-02-24\2014-02-24_002.xad

Created: 2/24/2014 11:19:23 AM
 Modified: 2/24/2014 12:02:34 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.1

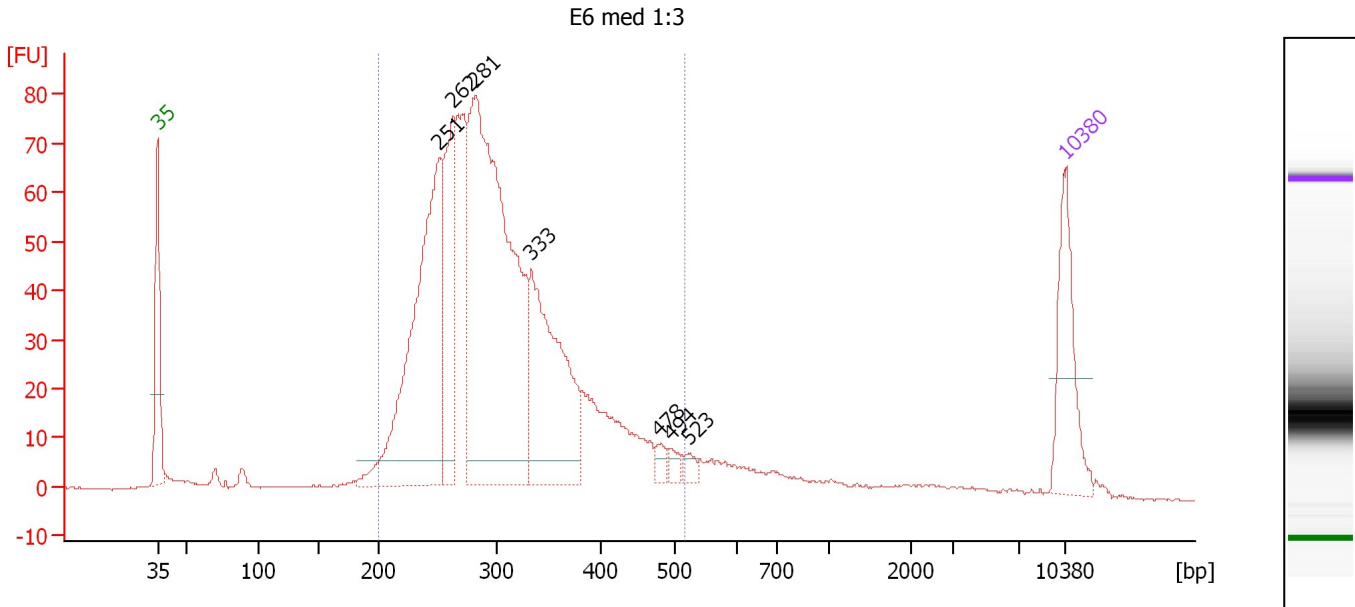
Peak table for Ladder

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	45.27	50	150.00	4,545.5	Ladder Peak
3	50.79	100	150.00	2,272.7	Ladder Peak
4	55.47	150	150.00	1,515.2	Ladder Peak
5	60.11	200	150.00	1,136.4	Ladder Peak
6	69.21	300	150.00	757.6	Ladder Peak
7	77.21	400	150.00	568.2	Ladder Peak
8	82.90	500	150.00	454.5	Ladder Peak
9	87.67	600	150.00	378.8	Ladder Peak
10	90.82	700	150.00	324.7	Ladder Peak
11	94.84	1,000	150.00	227.3	Ladder Peak
12	101.14	2,000	150.00	113.6	Ladder Peak
13	104.38	3,000	150.00	75.8	Ladder Peak
14	109.50	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\2014-02-24\2014-02-24_002.xad

Created: 2/24/2014 11:19:23 AM
 Modified: 2/24/2014 12:02:34 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : E6 med 1:3

Number of peaks found: 7 Corr. Area 1: 1,277.7
 Noise: 0.1

Peak table for sample 1 : E6 med 1:3

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	64.75	251	420.77	2,539.2	
3	65.76	262	156.06	901.9	
4	67.52	281	647.70	3,486.9	
5	71.86	333	248.86	1,131.8	
6	81.64	478	10.80	34.3	
7	82.56	494	10.34	31.7	
8	84.01	523	9.94	28.8	
9	113.00	10,380	75.00	10.9	Upper Marker

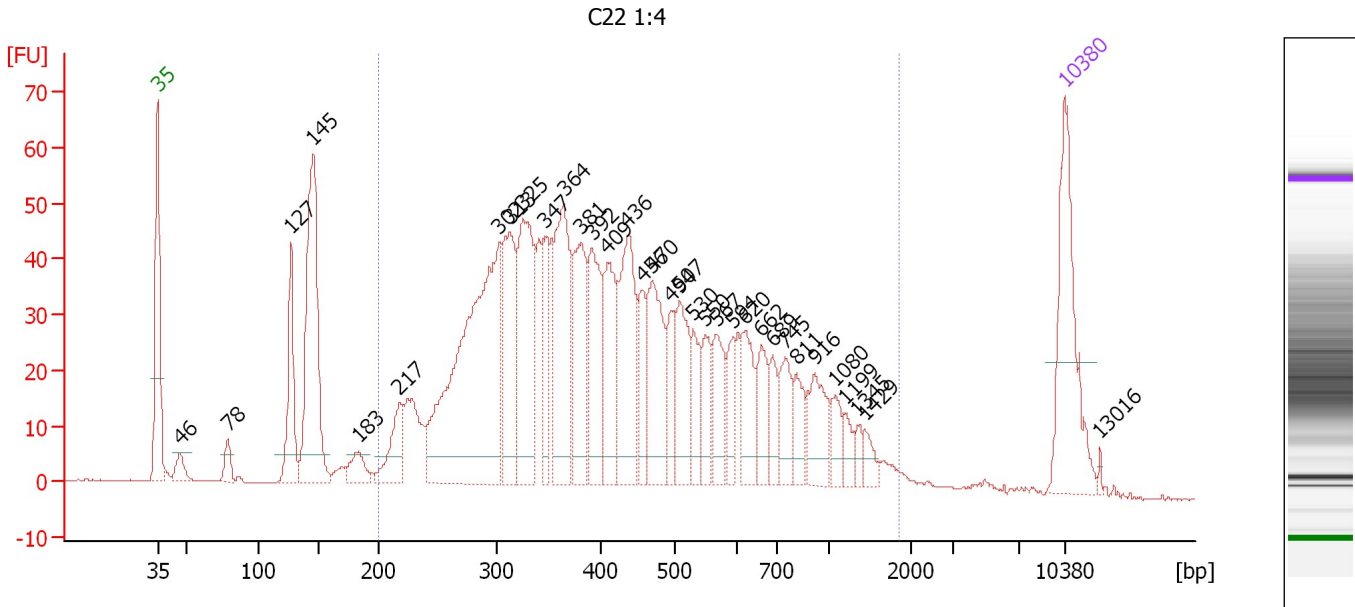
Region table for sample 1 : E6 med 1:3

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
200	517	305	9,579.5	1,837.56	1,277.7	89	20.7

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-24\2014-02-24_002.xad

Created: 2/24/2014 11:19:23 AM
 Modified: 2/24/2014 12:02:34 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : C22 1:4

Number of peaks found: 34 Corr. Area 1: 1,483.9
 Noise: 0.2

Peak table for sample 2 : C22 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	44.72	46	15.15	495.4	
3	48.42	78	14.84	286.6	
4	53.30	127	67.79	809.7	
5	55.02	145	182.02	1,899.5	
6	58.50	183	19.79	164.2	
7	61.67	217	39.99	279.1	
8	69.37	302	293.33	1,471.3	
9	70.21	313	91.60	444.1	
10	71.22	325	120.34	560.8	
11	72.94	347	43.85	191.7	
12	74.35	364	115.10	478.8	
13	75.71	381	74.34	295.5	
14	76.55	392	72.03	278.6	
15	77.74	409	64.52	238.9	
16	79.28	436	91.68	318.4	
17	80.38	456	33.33	110.8	
18	81.21	470	74.35	239.5	
19	82.58	494	28.79	88.2	
20	83.24	507	52.49	156.8	
21	84.34	530	25.20	72.0	
22	85.31	550	24.22	66.7	
23	86.10	567	34.73	92.8	
24	87.38	594	20.78	53.0	
25	88.30	620	35.40	86.5	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-24\2014-02-24_002.xad

Created: 2/24/2014 11:19:23 AM
 Modified: 2/24/2014 12:02:34 PM

Electropherogram Summary Continued ...

... Peak table for sample 2 : C22 1:4

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
26	89.62	662	27.63	63.2	
27	90.46	689	18.99	41.8	
28	91.43	745	28.08	57.1	
29	92.31	811	20.66	38.6	
30	93.72	916	33.04	54.6	
31	95.35	1,080	14.73	20.7	
32	96.09	1,199	9.60	12.1	
33	97.02	1,345	6.14	6.9	
34	97.55	1,429	7.96	8.4	
35	113.00	10,380	75.00	10.9	Upper Marker
36	115.73	13,016	0.00	0.0	

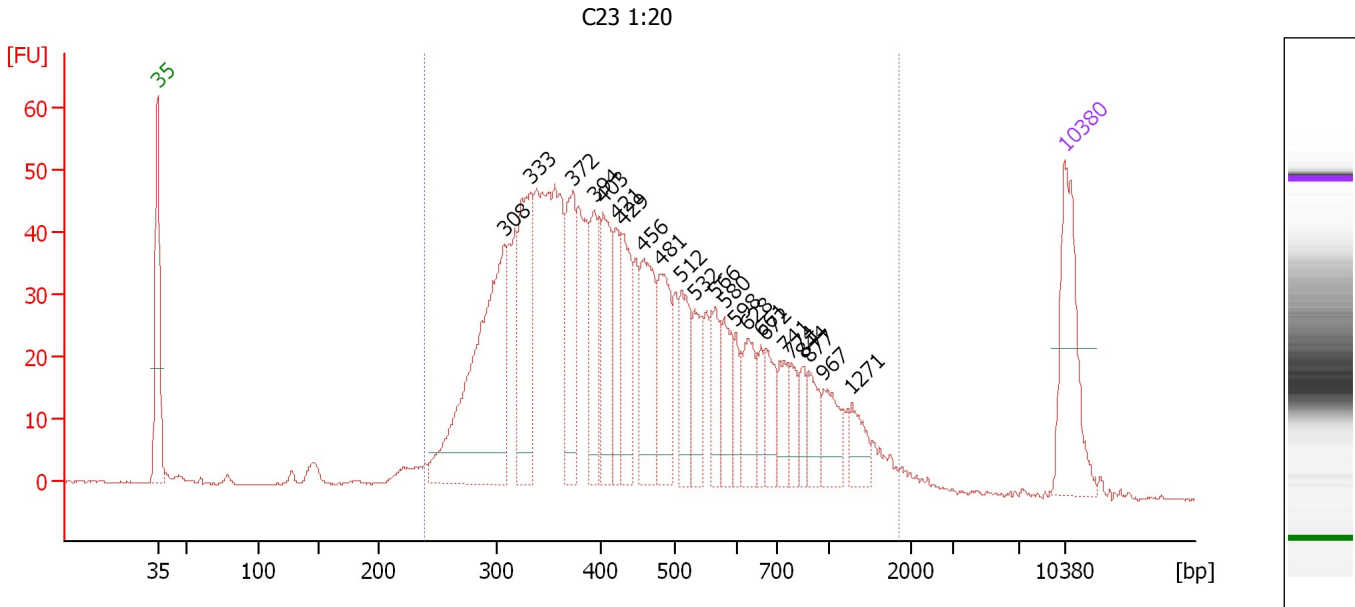
Region table for sample 2 : C22 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. for Area	% of Total	Size distribution in CV [%]
200	1,853	485	6,923.6	1,742.24	1,483.9	86	52.8

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-24\2014-02-24_002.xad

Created: 2/24/2014 11:19:23 AM
 Modified: 2/24/2014 12:02:34 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : C23 1:20

Number of peaks found: 23 Corr. Area 1: 1,316.6
 Noise: 0.2

Peak table for sample 3 : C23 1:20


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	69.86	308	270.76	1,331.0	
3	71.83	333	124.39	566.3	
4	75.01	372	84.38	343.3	
5	76.70	394	72.44	278.8	
6	77.37	403	77.07	289.9	
7	78.40	421	45.50	163.8	
8	78.85	429	65.12	230.1	
9	80.37	456	87.59	291.4	
10	81.80	481	72.32	228.0	
11	83.45	512	51.89	153.7	
12	84.44	532	38.04	108.3	
13	86.05	566	38.03	101.8	
14	86.72	580	36.55	95.5	
15	87.57	598	20.65	52.3	
16	88.55	628	40.47	97.6	
17	89.58	661	19.80	45.4	
18	89.93	672	30.24	68.2	
19	91.37	741	26.84	54.9	
20	91.81	774	20.38	39.9	
21	92.75	844	18.00	32.3	
22	93.20	877	25.29	43.7	
23	94.40	967	31.69	49.6	
24	96.55	1,271	23.10	27.5	
25	113.00	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-24\2014-02-24_002.xad

Created: 2/24/2014 11:19:23 AM
Modified: 2/24/2014 12:02:34 PM

Electropherogram Summary Continued ...

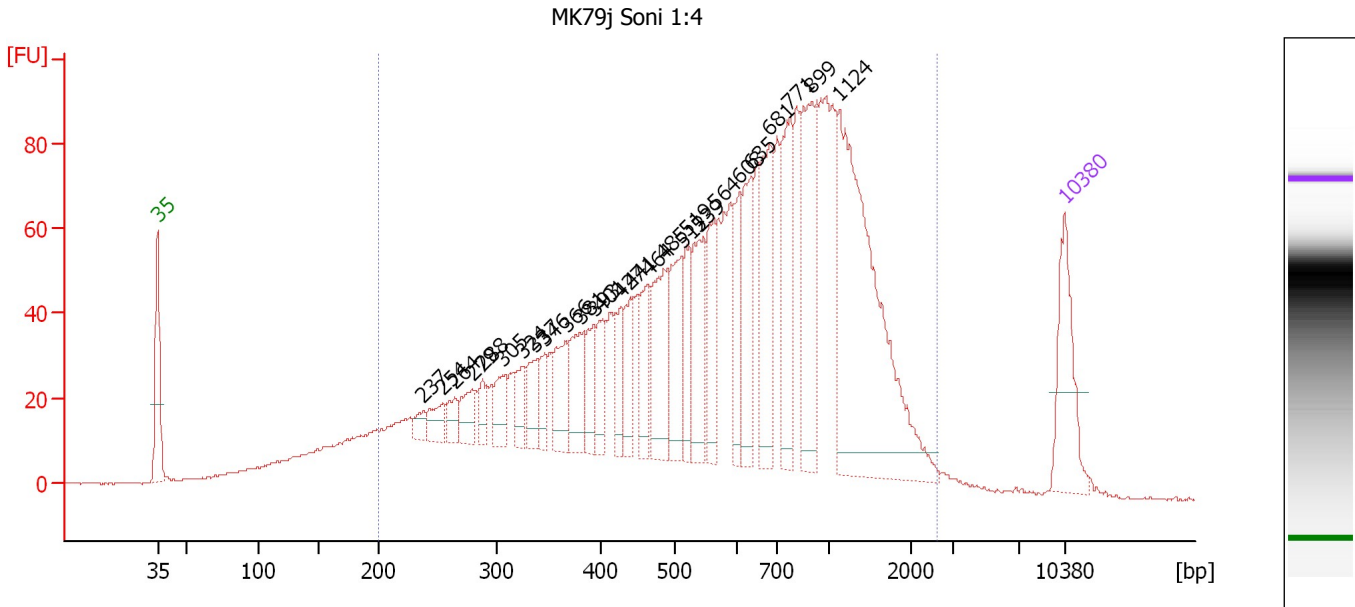
... Region table for sample 3 : C23 1:20

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
239	1,849	505	7,146.7	1,929.98	 1,316.6	96	51.0

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-24\2014-02-24_002.xad

Created: 2/24/2014 11:19:23 AM
 Modified: 2/24/2014 12:02:34 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : MK79j Soni 1:4

Number of peaks found: 27 Corr. Area 1: 2,424.6
 Noise: 0.2

Peak table for sample 4 : MK79j Soni 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	63.51	237	16.99	108.5	
3	65.05	254	29.57	176.2	
4	65.91	264	23.69	136.1	
5	67.27	279	37.35	203.0	
6	68.09	288	21.38	112.6	
7	69.63	305	38.11	189.2	
8	71.13	324	34.82	162.9	
9	72.17	337	39.47	177.5	
10	72.85	346	28.96	127.0	
11	74.53	366	55.32	228.7	
12	75.66	381	62.06	247.0	
13	76.66	393	46.92	180.8	
14	77.25	401	44.11	166.8	
15	78.75	427	38.89	138.0	
16	79.52	441	49.59	170.6	
17	80.84	464	50.22	164.1	
18	82.06	485	97.04	303.0	
19	83.47	512	84.27	249.5	
20	83.83	519	48.14	140.4	
21	84.78	539	93.43	262.4	
22	85.96	564	66.25	177.9	
23	87.91	608	53.99	134.6	
24	88.77	635	79.17	188.9	
25	90.23	681	118.10	262.7	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-24\2014-02-24_002.xad

Created: 2/24/2014 11:19:23 AM
 Modified: 2/24/2014 12:02:34 PM

Electropherogram Summary Continued ...

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

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
26	91.77	771	112.96	222.0	
27	93.49	899	132.12	222.6	
28	95.62	1,124	361.10	486.8	
29	▶ 113.00	10,380	75.00	10.9	Upper Marker

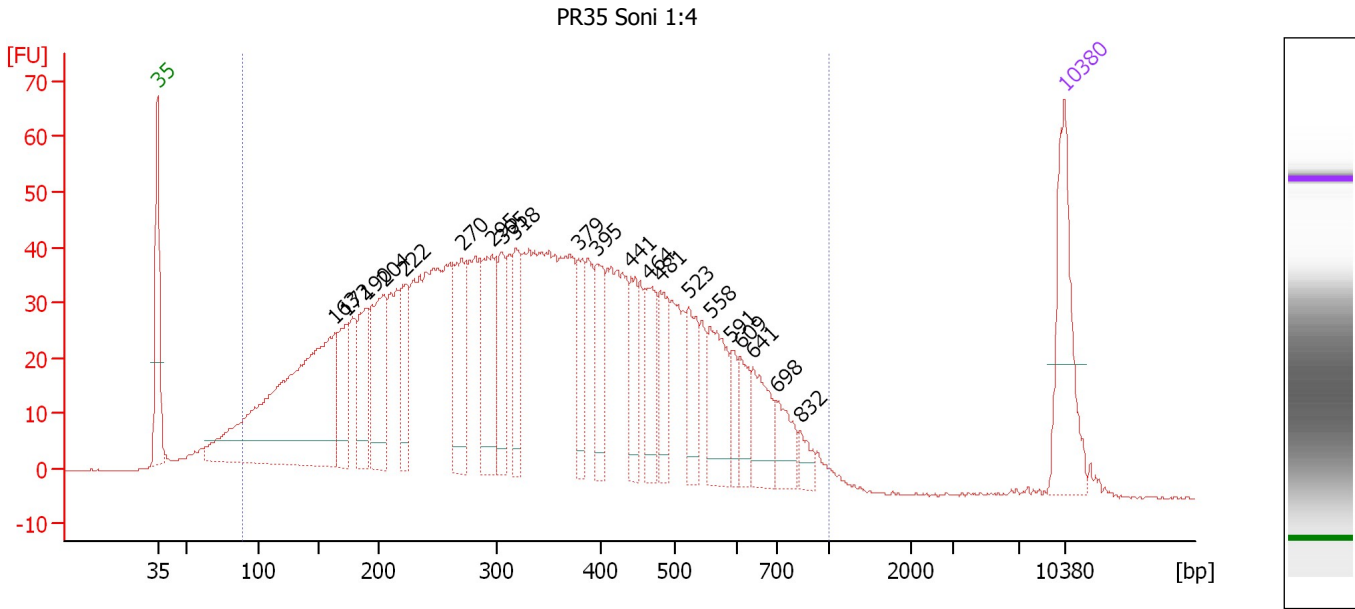
Region table for sample 4 : MK79j Soni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. for Area	% of Total	Size distribution in CV [%]
200	2,634	722	9,919.0	3,170.21	■ 2,424.6	92	57.8

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-24\2014-02-24_002.xad

Created: 2/24/2014 11:19:23 AM
 Modified: 2/24/2014 12:02:34 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : PR35 Soni 1:4

Number of peaks found: 21 Corr. Area 1: 1,975.5
 Noise: 0.1

Peak table for sample 5 : PR35 Soni 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	56.70	163	408.23	3,789.1	
3	57.52	172	62.71	551.9	
4	59.18	190	76.98	613.9	
5	60.47	204	113.14	840.5	
6	62.12	222	59.02	402.6	
7	66.49	270	83.44	468.1	
8	68.78	295	107.29	550.4	
9	69.61	305	53.30	264.7	
10	70.62	318	56.60	270.0	
11	75.50	379	44.62	178.6	
12	76.83	395	54.00	207.0	
13	79.54	441	40.66	139.7	
14	80.87	464	53.51	174.6	
15	81.79	481	44.22	139.4	
16	84.00	523	46.21	133.9	
17	85.65	558	65.95	179.2	
18	87.26	591	19.33	49.5	
19	87.95	609	25.91	64.5	
20	88.96	641	45.48	107.5	
21	90.75	698	30.71	66.7	
22	92.59	832	14.11	25.7	
23	113.00	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-24\2014-02-24_002.xad

Created: 2/24/2014 11:19:23 AM
Modified: 2/24/2014 12:02:34 PM

Electropherogram Summary Continued ...

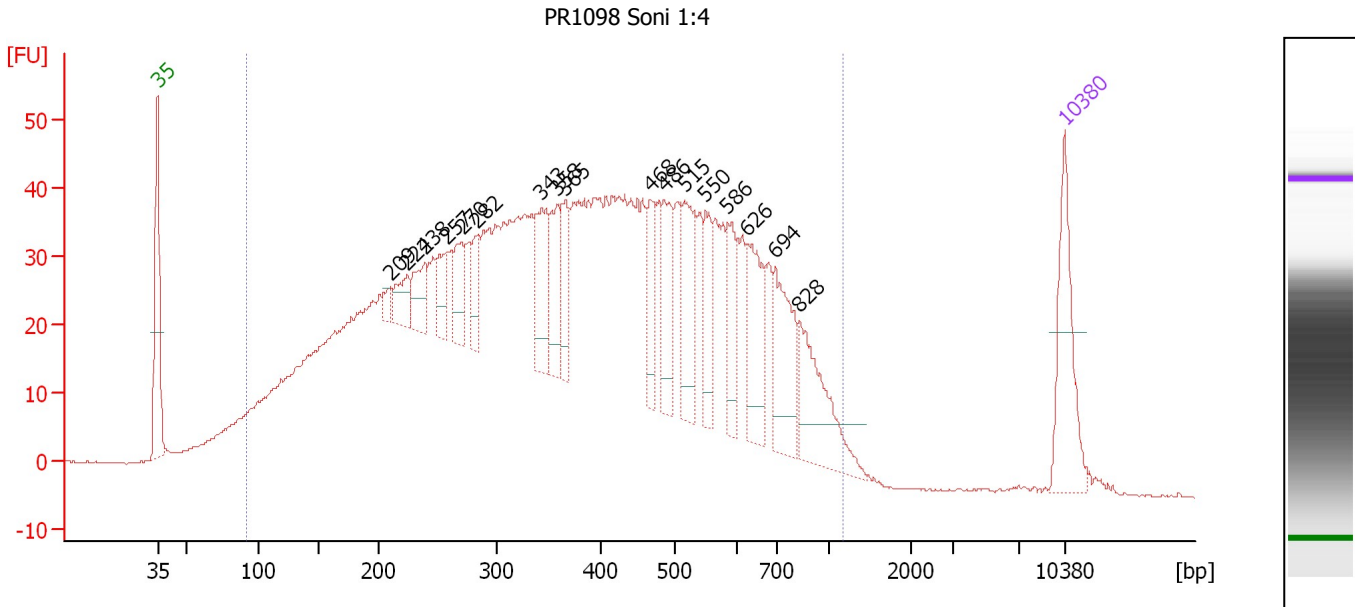
... Region table for sample 5 : PR35 Soni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
89	1,000	354	17,090.9	2,809.20	■ 1,975.5	96	45.4

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-24\2014-02-24_002.xad

Created: 2/24/2014 11:19:23 AM
 Modified: 2/24/2014 12:02:34 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : PR1098 Soni 1:4

Number of peaks found: 17 Corr. Area 1: 1,963.0
 Noise: 0.1

Peak table for sample 6 : PR1098 Soni 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	60.94	209	10.55	76.4	
3	62.25	224	32.38	219.4	
4	63.60	238	40.51	257.5	
5	65.28	257	35.56	209.8	
6	66.49	270	42.72	239.6	
7	67.56	282	32.37	174.0	
8	72.64	343	70.34	310.8	
9	73.85	358	52.26	221.2	
10	74.41	365	41.31	171.5	
11	81.08	468	49.03	158.8	
12	82.10	486	62.66	195.4	
13	83.64	515	77.80	228.7	
14	85.27	550	45.45	125.3	
15	86.99	586	50.66	131.0	
16	88.49	626	75.98	183.9	
17	90.63	694	87.07	190.1	
18	92.54	828	90.94	166.4	
19	113.00	10,380	75.00	10.9	Upper Marker

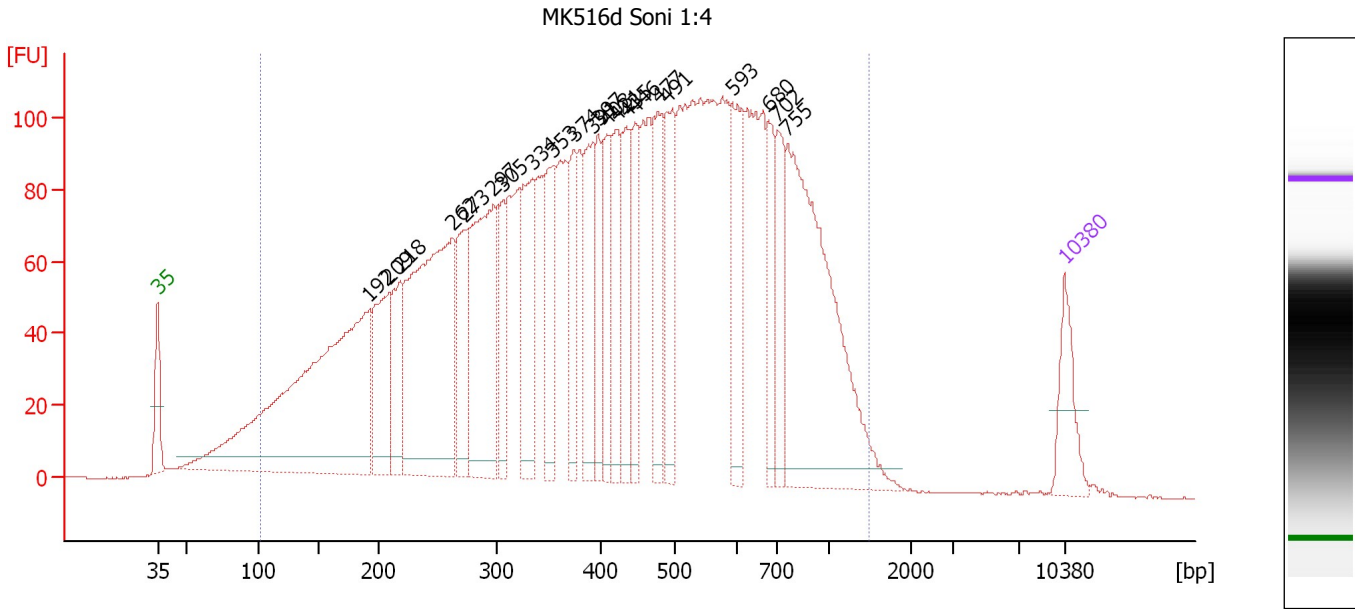
Region table for sample 6 : PR1098 Soni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
92	1,173	408	21,797.9	3,996.47	1,963.0	96	47.2

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-24\2014-02-24_002.xad

Created: 2/24/2014 11:19:23 AM
 Modified: 2/24/2014 12:02:34 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : MK516d Soni 1:4

Number of peaks found: 22 Corr. Area 1: 4,671.3
 Noise: 0.1

Peak table for sample 7 : MK516d Soni 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	59.36	192	1,032.38	8,149.5	
3	60.88	209	221.31	1,608.2	
4	61.74	218	147.70	1,027.0	
5	65.73	262	671.31	3,885.0	
6	66.73	273	175.80	976.5	
7	68.92	297	406.09	2,072.9	
8	69.63	305	118.87	589.9	
9	71.96	334	201.43	912.7	
10	73.43	353	175.31	752.9	
11	75.15	374	119.68	484.6	
12	76.53	391	163.30	632.1	
13	77.00	397	118.81	453.0	
14	77.67	408	118.69	440.8	
15	78.43	421	128.21	461.0	
16	79.19	435	137.20	478.2	
17	79.81	446	137.65	468.0	
18	81.61	477	147.99	469.7	
19	82.38	491	175.35	541.4	
20	87.32	593	178.66	456.7	
21	90.17	680	107.93	240.7	
22	90.84	702	120.09	259.4	
23	91.55	755	614.90	1,234.4	
24	113.00	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-24\2014-02-24_002.xad

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Electropherogram Summary Continued ...

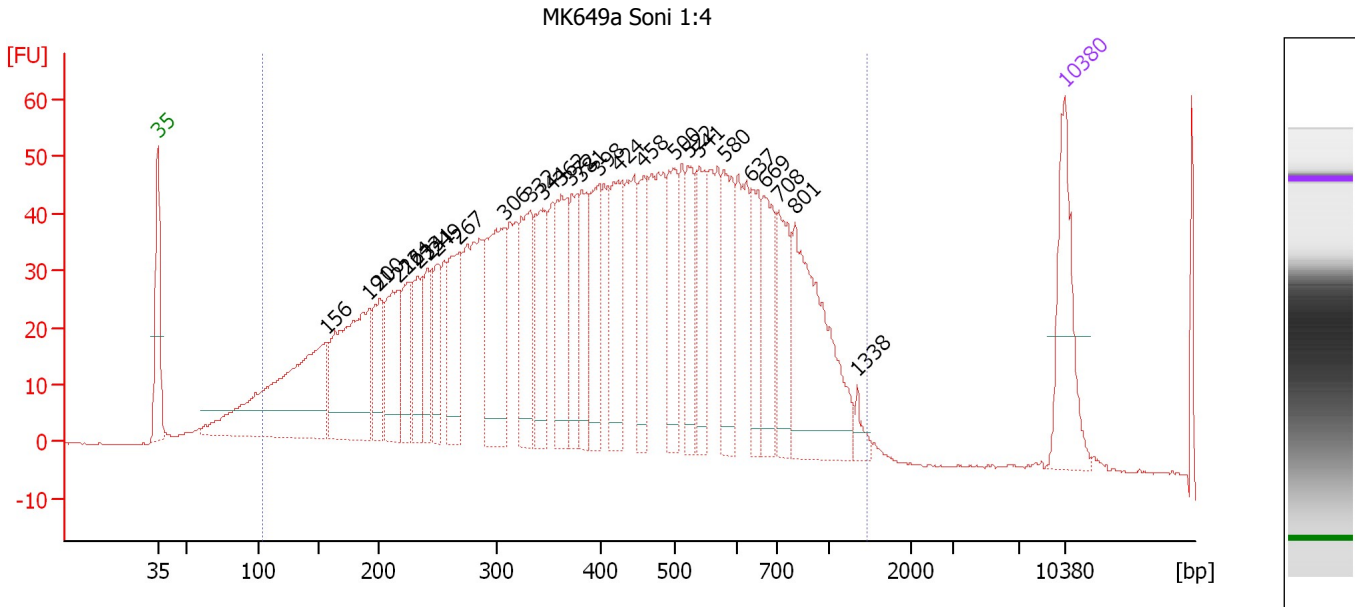
... Region table for sample 7 : MK516d Soni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
102	1,490	465	37,196.8	7,631.31	4,671.3	96	50.5

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-24\2014-02-24_002.xad

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Electropherogram Summary Continued ...



Overall Results for sample 8 : MK649a Soni 1:4

Number of peaks found: 27 Corr. Area 1: 2,242.5
 Noise: 0.1

Peak table for sample 8 : MK649a Soni 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	56.05	156	286.38	2,776.7	
3	59.31	191	199.50	1,578.9	
4	60.13	200	62.06	469.6	
5	61.57	216	92.03	645.4	
6	62.29	224	55.39	374.7	
7	63.10	233	63.92	415.8	
8	63.87	241	49.91	313.3	
9	64.54	249	54.60	332.6	
10	66.22	267	91.46	518.6	
11	69.72	306	146.84	726.0	
12	71.74	332	103.83	474.4	
13	72.75	344	86.81	382.1	
14	74.14	362	88.29	369.9	
15	74.95	372	58.29	237.5	
16	75.72	381	70.08	278.4	
17	77.06	398	76.81	292.3	
18	78.55	424	97.13	347.5	
19	80.52	458	64.43	213.1	
20	82.92	500	80.39	243.4	
21	83.93	522	59.22	172.0	
22	84.84	541	68.77	192.7	
23	86.71	580	74.36	194.3	
24	88.82	637	55.43	131.9	
25	89.83	669	69.26	157.0	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-24\2014-02-24_002.xad

Created: 2/24/2014 11:19:23 AM
 Modified: 2/24/2014 12:02:34 PM

Electropherogram Summary Continued ...

... Peak table for sample 8 : MK649a Soni 1:4

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations
26	90.93	708	73.01	156.2	
27	92.18	801	170.58	322.5	
28	96.98	1,338	10.92	12.4	
29	113.00	10,380	75.00	10.9	Upper Marker

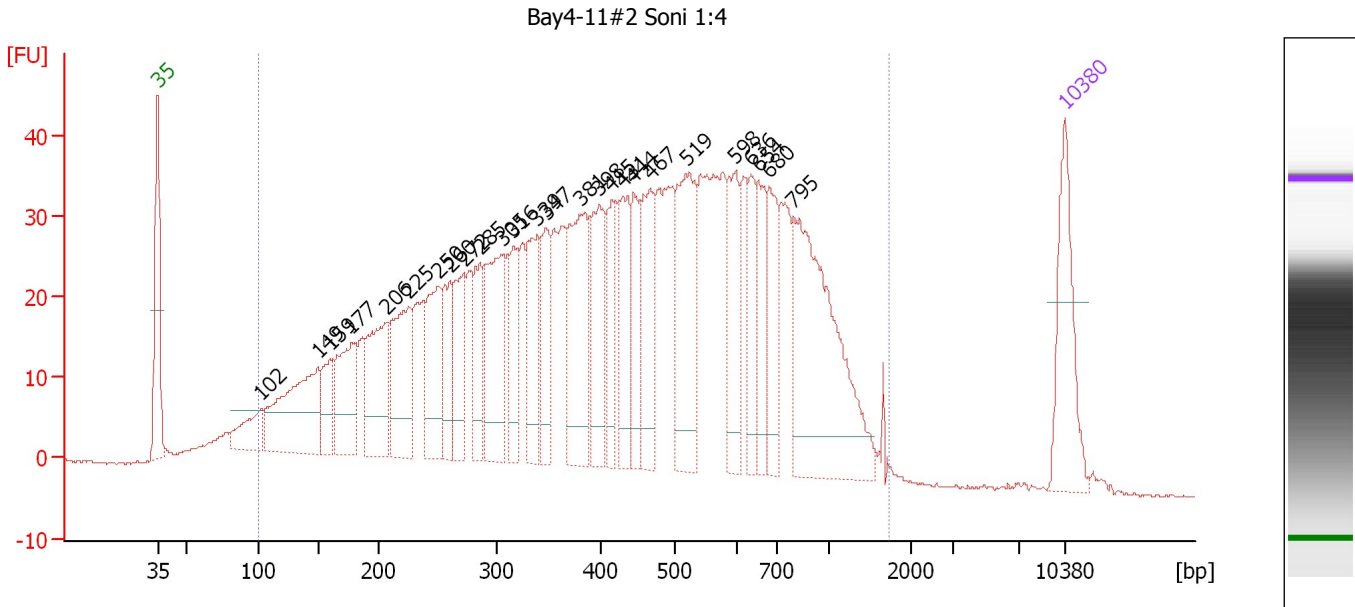
Region table for sample 8 : MK649a Soni 1:4

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	1,456	448	16,896.4	3,380.63	2,242.5	96	49.6

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-24\2014-02-24_002.xad

Created: 2/24/2014 11:19:23 AM
 Modified: 2/24/2014 12:02:34 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : Bay4-11#2 Soni 1:4

Number of peaks found: 26 Corr. Area 1: 1,621.3
 Noise: 0.1

Peak table for sample 9 : Bay4-11#2 Soni 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	50.94	102	51.47	767.5	
3	55.39	149	165.66	1,682.4	
4	56.31	159	46.11	439.1	
5	57.96	177	96.64	828.0	
6	60.67	206	112.93	829.8	
7	62.36	225	116.00	781.8	
8	64.64	250	93.86	569.3	
9	65.56	260	58.88	343.2	
10	66.67	272	74.65	415.6	
11	67.88	285	61.38	325.8	
12	69.63	305	122.39	607.6	
13	70.45	316	62.91	302.1	
14	72.34	339	86.08	384.6	
15	72.97	347	59.69	260.7	
16	75.68	381	140.74	560.0	
17	77.08	398	86.05	327.3	
18	78.05	415	59.39	217.0	
19	78.97	431	71.89	252.8	
20	79.69	444	59.77	204.1	
21	81.00	467	91.44	296.9	
22	83.81	519	135.35	395.1	
23	87.59	598	75.87	192.1	
24	88.80	636	46.86	111.7	
25	89.38	654	56.42	130.7	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-24\2014-02-24_002.xad

Created: 2/24/2014 11:19:23 AM
 Modified: 2/24/2014 12:02:34 PM

Electropherogram Summary Continued ...

... Peak table for sample 9 : Bay4-11#2 Soni 1:4

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations
26	90.20	680	65.43	145.7	
27	92.09	795	236.35	450.7	
28	113.00	10,380	75.00	10.9	Upper Marker

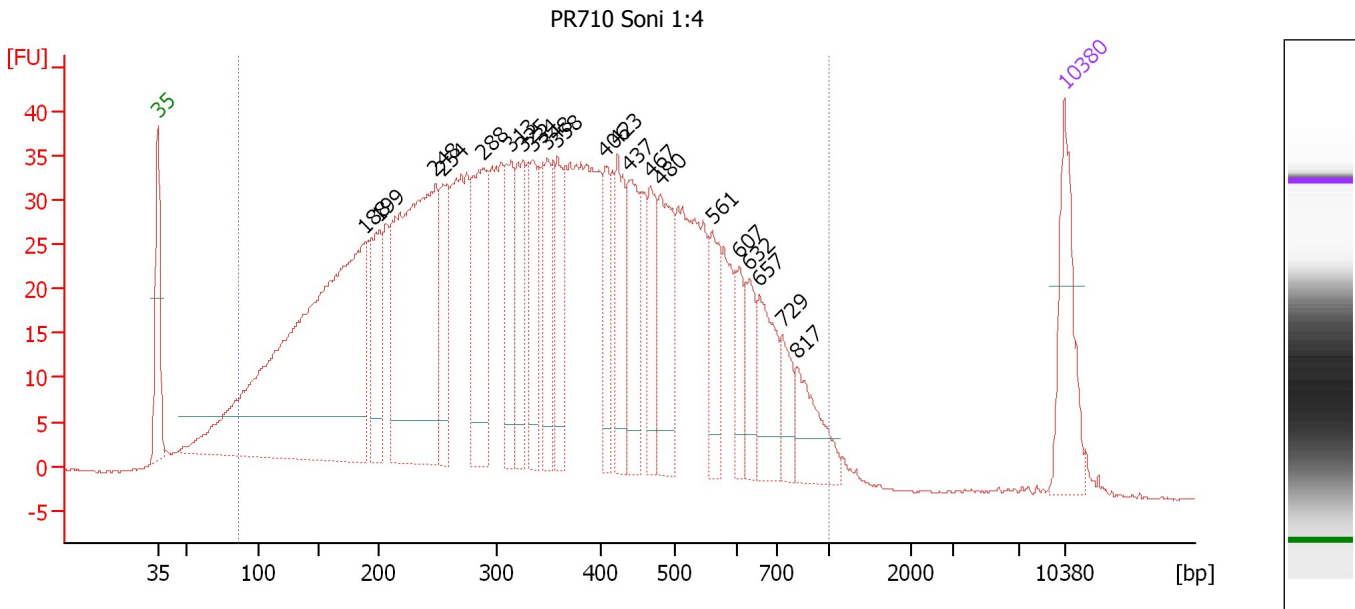
Region table for sample 9 : Bay4-11#2 Soni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ μ l]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
99	1,721	478	16,495.8	3,377.26	1,621.3	97	54.1

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-24\2014-02-24_002.xad

Created: 2/24/2014 11:19:23 AM
 Modified: 2/24/2014 12:02:34 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : PR710 Soni 1:4

Number of peaks found: 21 Corr. Area 1: 1,709.8
 Noise: 0.1

Peak table for sample 10 : PR710 Soni 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	59.02	188	782.64	6,297.0	
3	60.05	199	106.06	806.0	
4	64.44	248	438.41	2,682.0	
5	64.98	254	83.72	500.2	
6	68.16	288	156.20	820.4	
7	70.26	313	90.15	436.2	
8	71.23	325	87.83	409.1	
9	71.97	334	91.80	415.8	
10	73.04	348	84.20	366.7	
11	73.82	358	86.96	368.4	
12	77.54	406	68.81	257.0	
13	78.51	423	85.40	306.0	
14	79.34	437	89.86	311.2	
15	81.00	467	69.20	224.7	
16	81.79	480	104.82	330.6	
17	85.79	561	58.29	157.5	
18	87.89	607	37.52	93.6	
19	88.67	632	42.12	101.0	
20	89.45	657	74.04	170.8	
21	91.21	729	34.32	71.3	
22	92.39	817	58.48	108.5	
23	113.00	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-24\2014-02-24_002.xad

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Electropherogram Summary Continued ...

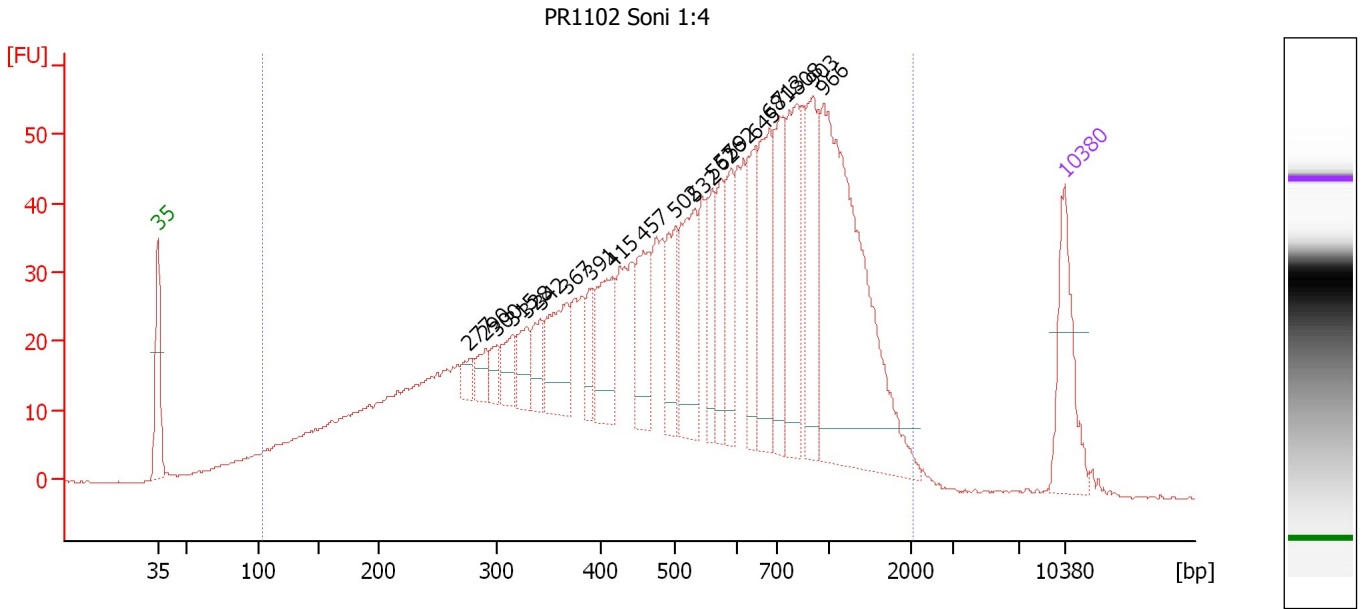
... Region table for sample 10 : **PR710 Soni 1:4**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
87	1,000	366	24,867.7	4,141.19	 1,709.8	96	46.6

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-24\2014-02-24_002.xad

Created: 2/24/2014 11:19:23 AM
 Modified: 2/24/2014 12:02:34 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : PR1102 Soni 1:4

Number of peaks found: 21 Corr. Area 1: 1,685.7
 Noise: 0.1


Peak table for sample 11 : PR1102 Soni 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	67.07	277	17.60	96.4	
3	68.30	290	25.72	134.4	
4	69.23	300	18.20	91.8	
5	70.41	315	32.32	155.5	
6	71.44	328	38.73	178.9	
7	72.57	342	36.83	163.1	
8	74.59	367	83.96	346.4	
9	76.45	391	31.52	122.3	
10	78.07	415	79.72	291.0	
11	80.48	457	73.76	244.3	
12	82.99	502	68.77	207.7	
13	84.41	532	110.67	315.4	
14	85.84	562	50.38	135.9	
15	86.52	576	51.41	135.2	
16	87.31	592	60.47	154.7	
17	89.08	645	70.12	164.8	
18	90.21	681	111.71	248.7	
19	90.99	713	102.72	218.3	
20	92.27	808	111.15	208.4	
21	93.55	903	98.83	165.8	
22	94.38	966	366.45	575.0	
23	113.00	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-24\2014-02-24_002.xad

Created: 2/24/2014 11:19:23 AM
Modified: 2/24/2014 12:02:34 PM

Electropherogram Summary Continued ...**... Region table for sample 11 : PR1102 Soni 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 [%]
104	2,060	622	13,824.8	3,434.44	 1,685.7	97	58.2

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-24\2014-02-24_002.xad

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Modified: 2/24/2014 12:02:34 PM

Gel Image

