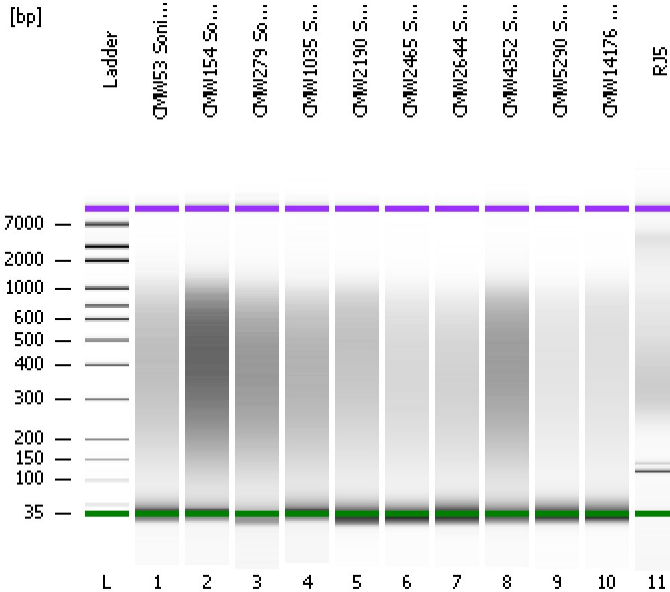


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-03\2014-05-03_001.xad

Created: 5/3/2014 9:25:08 AM
Modified: 5/3/2014 10:15:51 AM

Electrophoresis File Run Summary



Instrument Information:

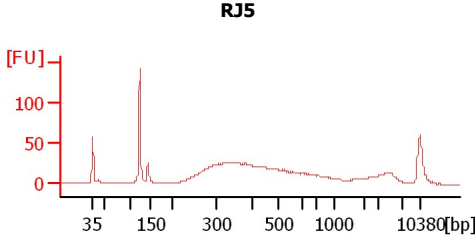
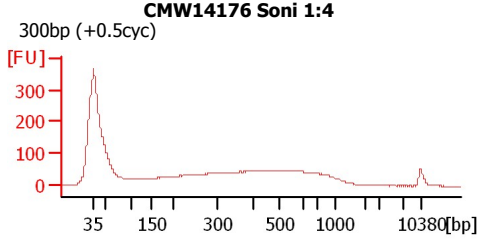
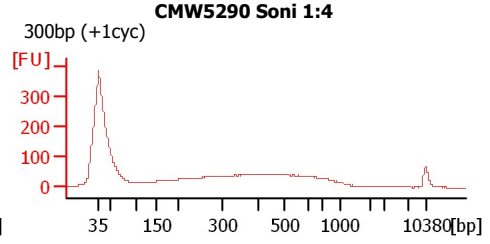
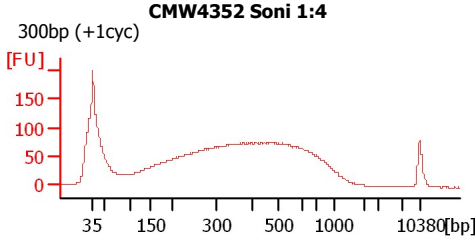
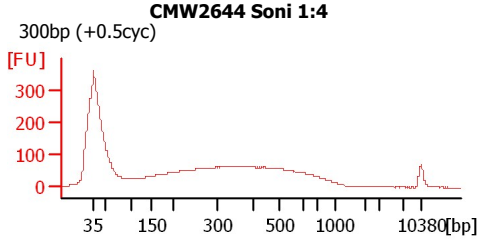
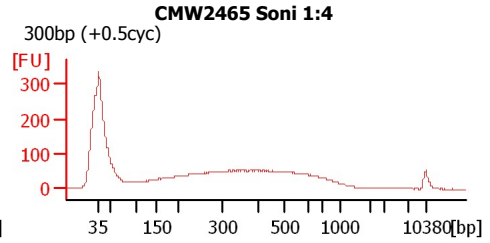
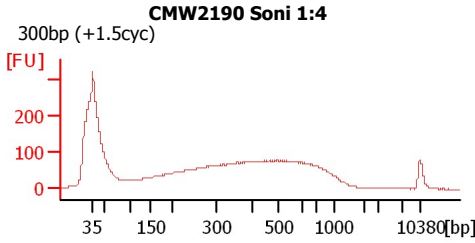
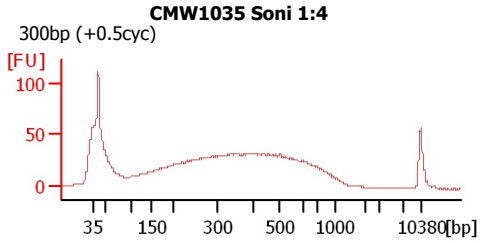
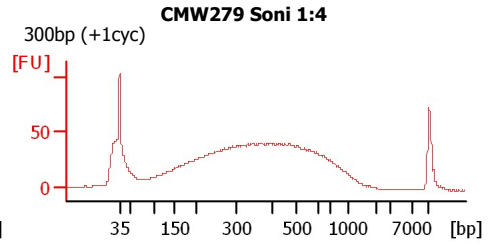
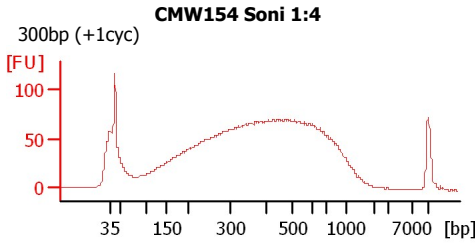
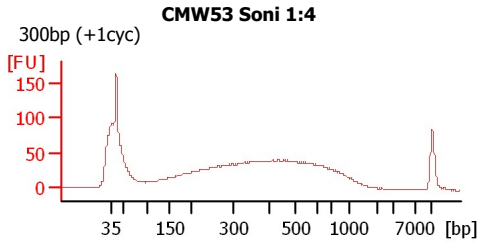
Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

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:\... bioanalyzer\2100 expert\Data\2014-05-03\2014-05-03_001.xad

Created: 5/3/2014 9:25:08 AM
 Modified: 5/3/2014 10:15:51 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
CMW53 Soni 1:4	300bp (+1cyc)	<input type="checkbox"/>	✓			
CMW154 Soni 1:4	300bp (+1cyc)	<input type="checkbox"/>	✓			
CMW279 Soni 1:4	300bp (+1cyc)	<input type="checkbox"/>	✓			
CMW1035 Soni 1:4	300bp (+0.5cyc)	<input type="checkbox"/>	✓			
CMW2190 Soni 1:4	300bp (+1.5cyc)	<input type="checkbox"/>	✓			
CMW2465 Soni 1:4	300bp (+0.5cyc)	<input type="checkbox"/>	✓			
CMW2644 Soni 1:4	300bp (+0.5cyc)	<input type="checkbox"/>	✓			
CMW4352 Soni 1:4	300bp (+1cyc)	<input type="checkbox"/>	✓			
CMW5290 Soni 1:4	300bp (+1cyc)	<input type="checkbox"/>	✓			
CMW14176 Soni 1:4	300bp (+0.5cyc)	<input type="checkbox"/>	✓			
RJ5		<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\2014-05-03\2014-05-03_001.xad

Created: 5/3/2014 9:25:08 AM
Modified: 5/3/2014 10:15:51 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

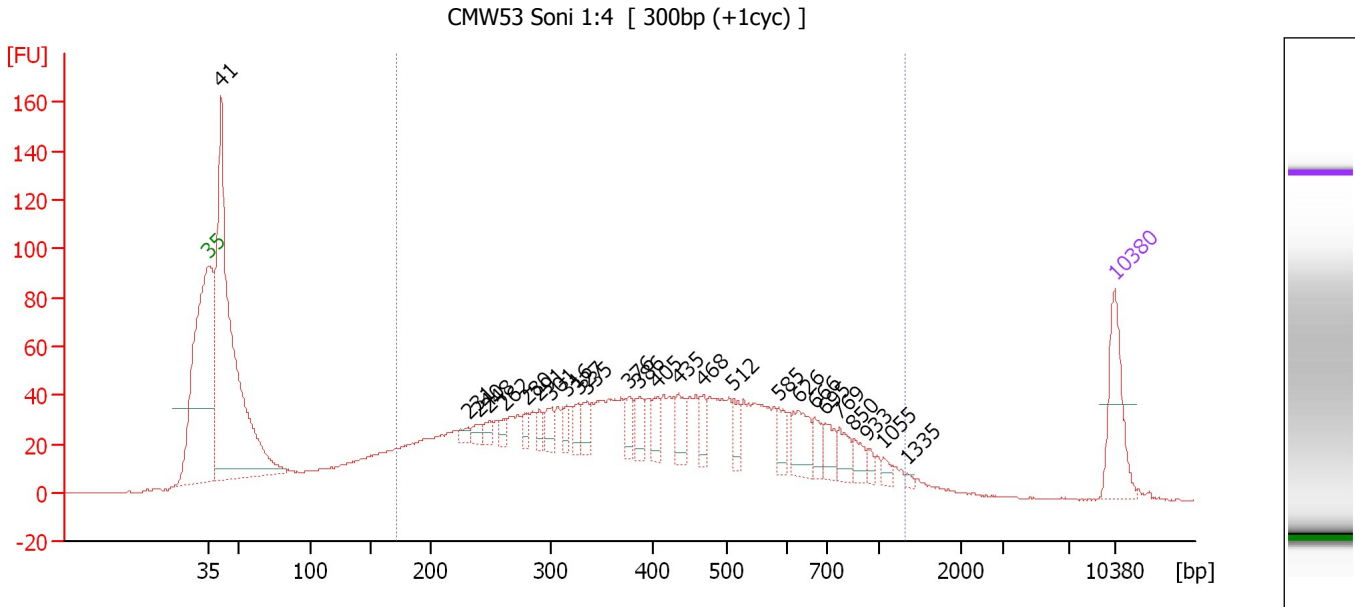
Ladder

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:\... bioanalyzer\2100 expert\Data\2014-05-03\2014-05-03_001.xad

Created: 5/3/2014 9:25:08 AM
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Electropherogram Summary



Overall Results for sample 1 : CMW53 Soni 1:4

Number of peaks found: 26 Corr. Area 1: 1,817.3
 Noise: 0.2

Peak table for sample 1 : CMW53 Soni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	41	945.35	34,884.5	
3	231	12.26	80.5	
4	240	15.22	96.1	
5	248	16.18	98.7	
6	262	12.96	74.8	
7	280	17.12	92.5	
8	291	18.63	96.9	
9	301	29.08	146.2	
10	316	20.66	99.0	
11	327	20.15	93.3	
12	335	27.26	123.2	
13	376	25.68	103.5	
14	386	35.68	140.0	
15	405	28.80	107.7	
16	435	34.78	121.3	
17	468	26.40	85.4	
18	512	26.11	77.2	
19	585	25.02	64.8	
20	626	51.21	124.0	
21	666	24.29	55.3	
22	695	30.25	65.9	
23	769	27.60	54.4	
24	850	18.80	33.5	
25	933	8.32	13.5	
26	1,055	8.80	12.6	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-03\2014-05-03_001.xad


Created: 5/3/2014 9:25:08 AM
 Modified: 5/3/2014 10:15:51 AM

Electropherogram Summary Continued ...

... Peak table for sample 1 : CMW53 Soni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	1,335	3.87	4.4	
28	 10,380	75.00	10.9	Upper Marker

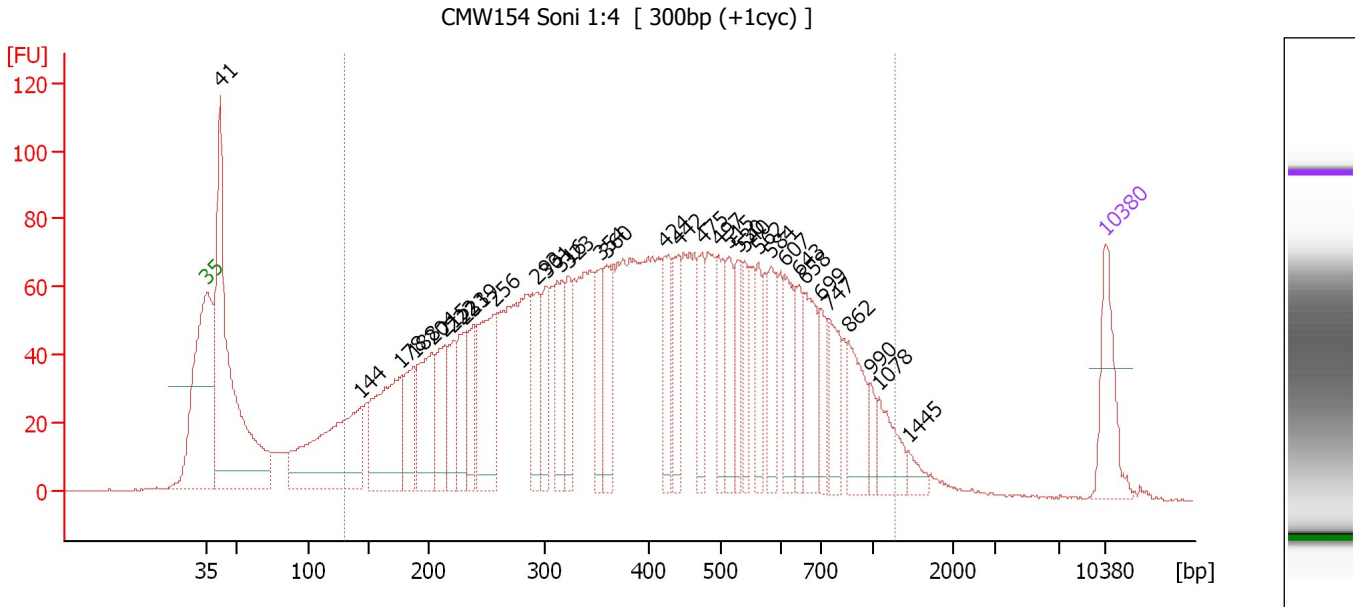
Region table for sample 1 : CMW53 Soni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
171	1,312	445	9,699.9	2,173.22	1,817.3	66	45.6	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-03\2014-05-03_001.xad

Created: 5/3/2014 9:25:08 AM
 Modified: 5/3/2014 10:15:51 AM

Electropherogram Summary Continued ...



Overall Results for sample 2 : CMW154 Soni 1:4

Number of peaks found: 34 Corr. Area 1: 3,349.8
 Noise: 0.2

Peak table for sample 2 : CMW154 Soni 1:4


Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	41	707.42	25,905.0	
3	144	342.47	3,598.8	
4	178	238.26	2,032.3	
5	188	100.46	808.1	
6	204	164.38	1,223.2	
7	215	95.84	676.9	
8	222	87.81	599.9	
9	231	95.57	627.1	
10	239	72.02	457.3	
11	256	196.04	1,158.7	
12	293	114.01	590.1	
13	301	76.50	385.7	
14	316	103.24	495.7	
15	323	75.70	355.3	
16	354	73.66	315.4	
17	360	100.06	421.7	
18	424	88.59	316.8	
19	442	77.83	266.7	
20	475	71.16	227.1	
21	497	78.49	239.2	
22	515	75.89	223.3	
23	530	60.66	173.5	
24	540	55.21	154.9	
25	562	52.13	140.6	
26	584	73.09	189.7	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-03\2014-05-03_001.xad


Created: 5/3/2014 9:25:08 AM
 Modified: 5/3/2014 10:15:51 AM

Electropherogram Summary Continued ...

... Peak table for sample 2 : CMW154 Soni 1:4

Peak	Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
27	607	74.94	187.0	
28	643	52.34	123.3	
29	658	94.86	218.4	
30	699	46.24	100.3	
31	747	68.50	139.0	
32	862	81.87	143.9	
33	990	20.99	32.1	
34	1,078	54.30	76.3	
35	1,445	15.57	16.3	
36	 10,380	75.00	10.9	Upper Marker

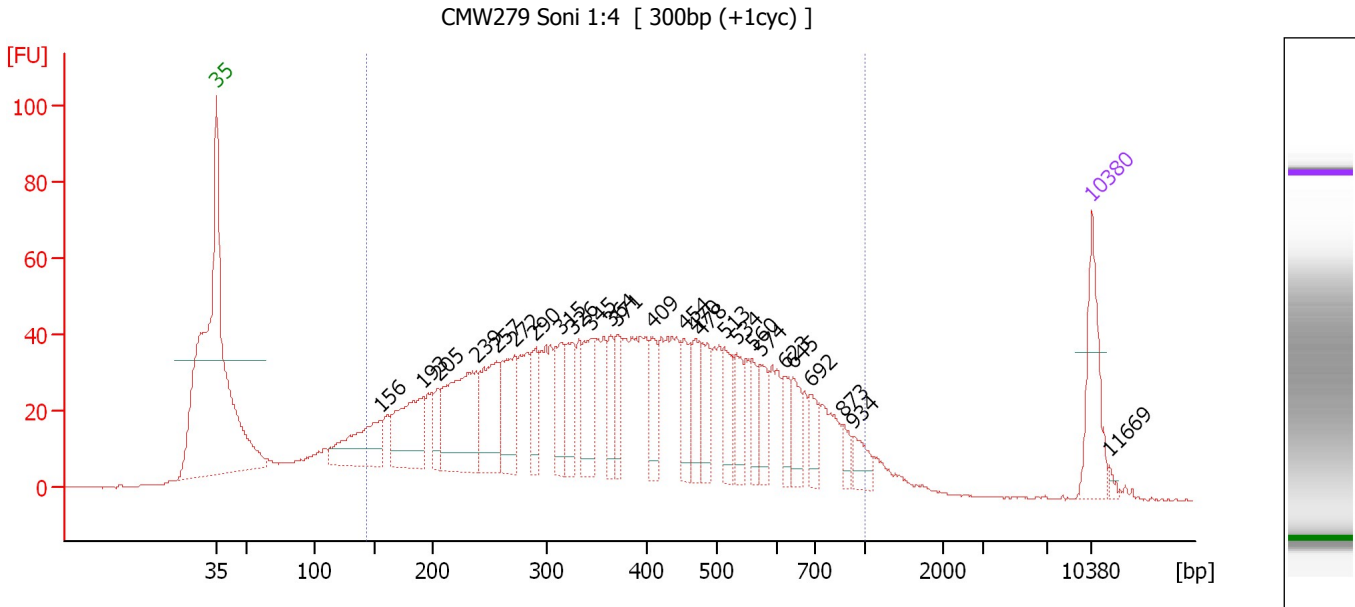
Region table for sample 2 : CMW154 Soni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/µl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
130	1,279	436	21,985.5	4,525.18	3,349.8	84	47.6	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-03\2014-05-03_001.xad

Created: 5/3/2014 9:25:08 AM
 Modified: 5/3/2014 10:15:51 AM

Electropherogram Summary Continued ...



Overall Results for sample 3 : CMW279 Soni 1:4

Number of peaks found: 26 Corr. Area 1: 1,825.5
 Noise: 0.2

Peak table for sample 3 : CMW279 Soni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	156	135.16	1,313.9	
3	193	151.59	1,192.9	
4	205	39.63	292.2	
5	239	220.45	1,397.0	
6	257	129.67	764.9	
7	272	113.68	632.7	
8	290	57.14	298.0	
9	315	56.95	273.8	
10	326	66.60	309.2	
11	345	90.09	395.7	
12	364	44.13	183.6	
13	371	47.31	193.2	
14	409	49.84	184.8	
15	454	53.92	180.1	
16	470	56.37	181.8	
17	478	60.56	191.9	
18	513	50.47	149.2	
19	534	46.99	133.3	
20	560	32.11	86.9	
21	574	43.54	114.8	
22	623	30.88	75.1	
23	645	38.43	90.3	
24	692	33.63	73.7	
25	873	16.24	28.2	
26	934	27.74	45.0	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-03\2014-05-03_001.xad

Created: 5/3/2014 9:25:08 AM
 Modified: 5/3/2014 10:15:51 AM

Electropherogram Summary Continued ...

... Peak table for sample 3 : CMW279 Soni 1:4

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations
27	10,380	75.00	10.9	Upper Marker
28	11,669	0.00	0.0	

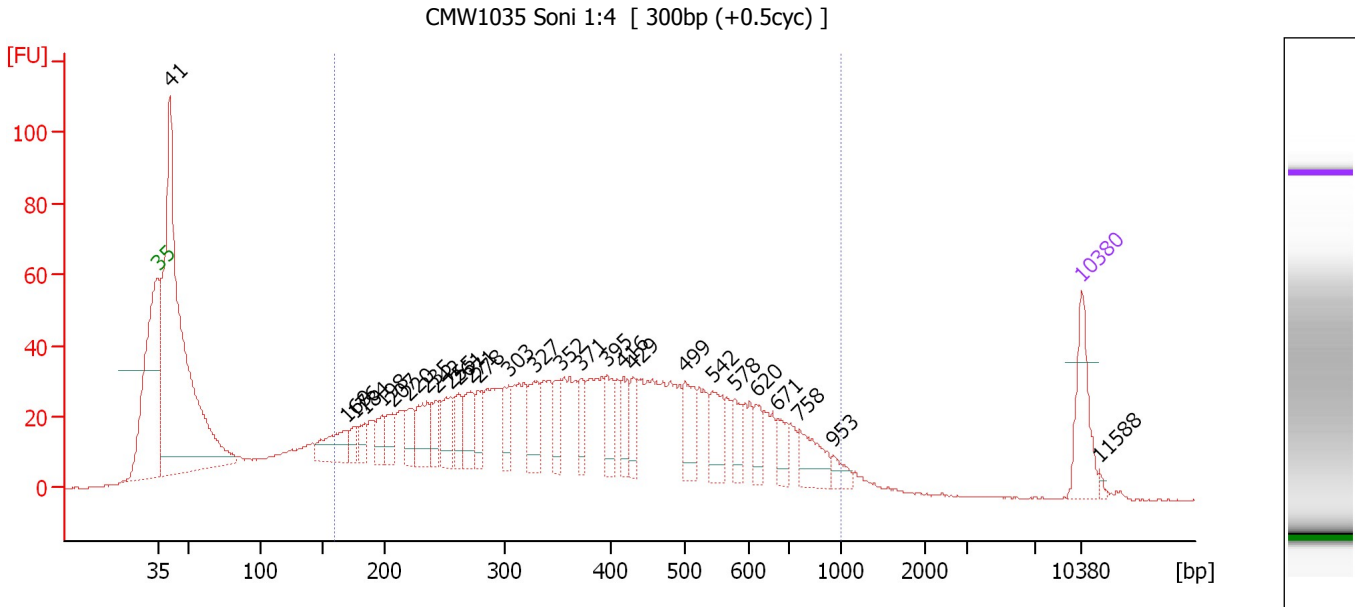
Region table for sample 3 : CMW279 Soni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ μ l]	Corr. Area	% of Total	Size distribution in CV [%]	Color
145	1,000	406	14,359.2	2,924.89	1,825.5	89	42.6	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-03\2014-05-03_001.xad

Created: 5/3/2014 9:25:08 AM
 Modified: 5/3/2014 10:15:51 AM

Electropherogram Summary Continued ...



Overall Results for sample 4 : CMW1035 Soni 1:4

Number of peaks found: 28 Corr. Area 1: 1,450.3
 Noise: 0.2

Peak table for sample 4 : CMW1035 Soni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	41	1,195.73	44,186.9	
3	169	82.75	743.2	
4	176	30.67	264.0	
5	184	32.67	268.6	
6	198	39.74	304.1	
7	207	39.82	291.6	
8	220	48.64	335.0	
9	235	72.95	470.6	
10	242	40.98	256.2	
11	255	63.11	375.0	
12	261	43.65	253.3	
13	271	66.27	370.0	
14	278	41.54	226.1	
15	303	51.96	259.9	
16	327	74.76	346.5	
17	352	44.67	192.4	
18	371	40.44	165.2	
19	395	58.00	222.2	
20	416	38.39	139.7	
21	429	41.51	146.5	
22	499	69.81	211.8	
23	542	65.18	182.1	
24	578	36.74	96.3	
25	620	32.08	78.4	
26	671	33.27	75.1	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-03\2014-05-03_001.xad

Created: 5/3/2014 9:25:08 AM
 Modified: 5/3/2014 10:15:51 AM

Electropherogram Summary Continued ...

... Peak table for sample 4 : CMW1035 Soni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	758	62.01	124.0	
28	953	19.92	31.7	
29	10,380	75.00	10.9	Upper Marker
30	11,588	0.00	0.0	

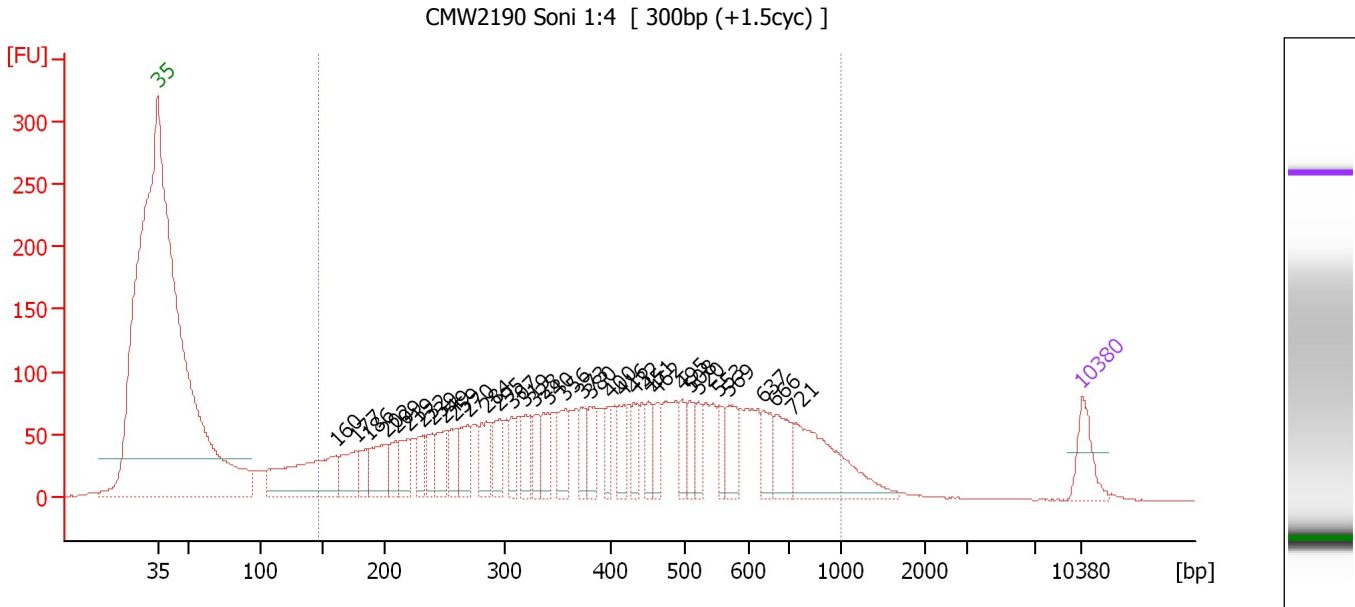
Region table for sample 4 : CMW1035 Soni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
160	1,000	410	13,830.1	2,903.83	1,450.3	67	41.6	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-03\2014-05-03_001.xad

Created: 5/3/2014 9:25:08 AM
 Modified: 5/3/2014 10:15:51 AM

Electropherogram Summary Continued ...



Overall Results for sample 5 : CMW2190 Soni 1:4

Number of peaks found: 33 Corr. Area 1: 3,353.4
 Noise: 0.2

Peak table for sample 5 : CMW2190 Soni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	160	407.57	3,855.1	
3	177	133.64	1,142.7	
4	186	72.39	589.1	
5	202	147.61	1,105.5	
6	209	77.63	562.7	
7	219	93.59	647.0	
8	232	76.83	501.4	
9	239	68.21	432.6	
10	249	103.32	627.5	
11	259	90.34	529.3	
12	270	101.22	568.7	
13	284	102.05	544.2	
14	295	98.25	504.3	
15	307	67.53	333.8	
16	319	88.34	420.1	
17	328	77.13	356.4	
18	340	81.34	362.5	
19	356	101.11	429.8	
20	373	64.86	263.2	
21	380	89.06	355.1	
22	400	62.41	236.5	
23	416	81.42	296.5	
24	432	62.62	219.7	
25	451	62.16	209.0	
26	462	66.16	216.8	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-03\2014-05-03_001.xad

Created: 5/3/2014 9:25:08 AM
 Modified: 5/3/2014 10:15:51 AM

Electropherogram Summary Continued ...

... Peak table for sample 5 : CMW2190 Soni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	495	66.12	202.2	
28	508	68.88	205.6	
29	520	58.10	169.1	
30	553	53.60	146.9	
31	569	92.32	245.7	
32	637	75.19	179.0	
33	666	111.49	253.5	
34	721	304.73	640.1	
35	▶ 10,380	75.00	10.9	Upper Marker

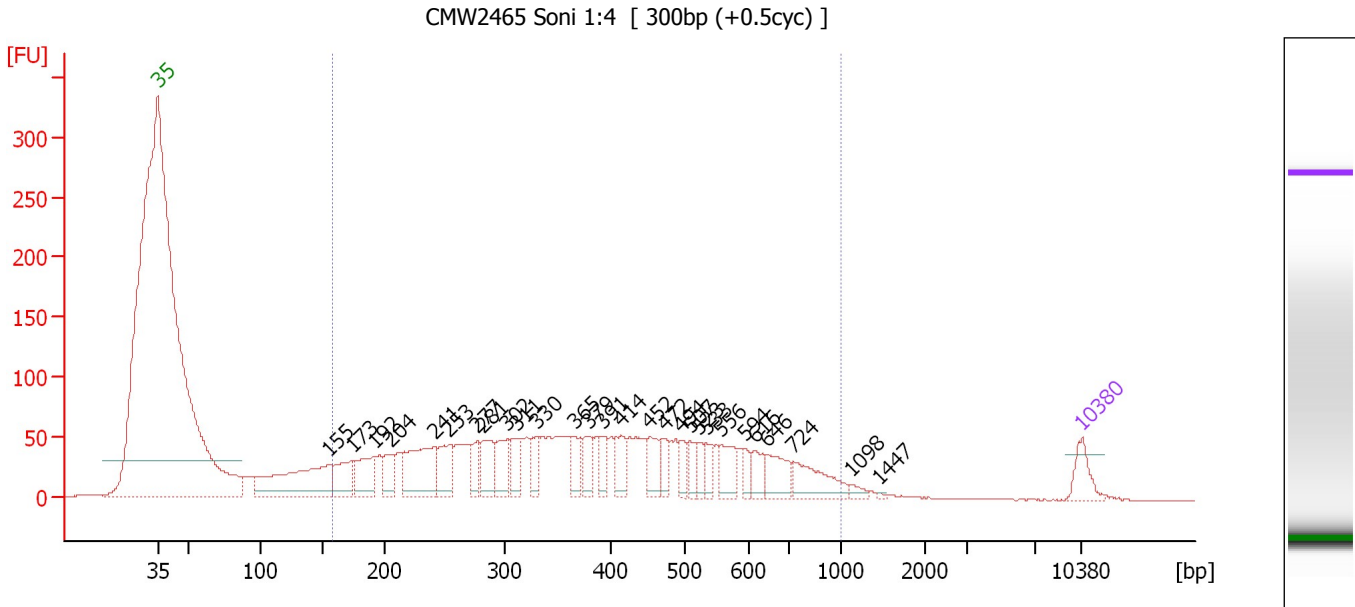
Region table for sample 5 : CMW2190 Soni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
146	1,000	431	18,749.4	3,990.73	3,353.4	90	42.7	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-03\2014-05-03_001.xad

Created: 5/3/2014 9:25:08 AM
 Modified: 5/3/2014 10:15:51 AM

Electropherogram Summary Continued ...



Overall Results for sample 6 : CMW2465 Soni 1:4

Number of peaks found: 28 Corr. Area 1: 2,286.2
 Noise: 0.2

Peak table for sample 6 : CMW2465 Soni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	155	568.53	5,560.5	
3	173	185.91	1,628.3	
4	192	208.06	1,645.7	
5	204	116.66	864.4	
6	241	375.29	2,356.6	
7	253	169.72	1,016.8	
8	277	99.25	543.6	
9	281	167.27	900.3	
10	302	154.72	777.4	
11	311	103.52	504.5	
12	330	82.41	378.2	
13	365	94.71	392.6	
14	379	92.17	368.7	
15	391	78.33	303.2	
16	414	113.77	416.6	
17	452	118.37	397.0	
18	472	79.85	256.2	
19	494	71.28	218.4	
20	507	59.95	179.0	
21	523	57.58	166.8	
22	533	59.65	169.5	
23	556	114.07	310.6	
24	594	44.51	113.6	
25	616	74.67	183.7	
26	646	125.11	293.5	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-03\2014-05-03_001.xad

Created: 5/3/2014 9:25:08 AM
 Modified: 5/3/2014 10:15:51 AM

Electropherogram Summary Continued ...

... Peak table for sample 6 : CMW2465 Soni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	724	175.88	367.9	
28	1,098	21.90	30.2	
29	1,447	5.30	5.5	
30	10,380	75.00	10.9	Upper Marker

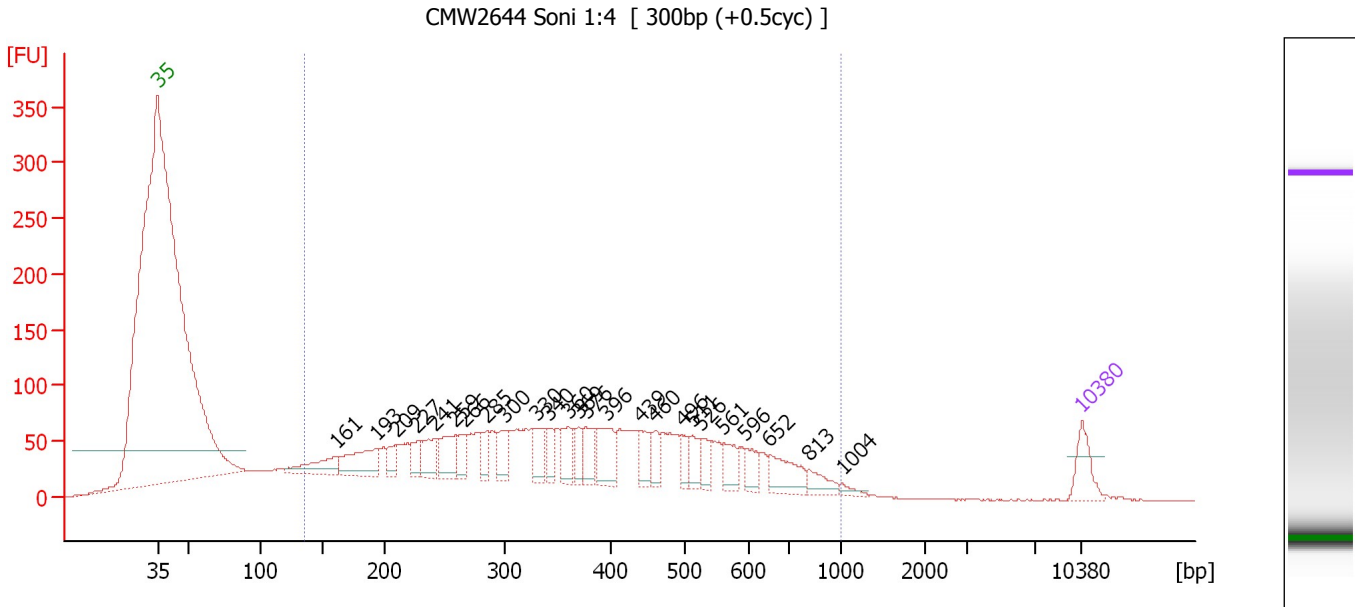
Region table for sample 6 : CMW2465 Soni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
158	1,000	406	21,773.7	4,511.33	2,286.2	87	42.1	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-03\2014-05-03_001.xad

Created: 5/3/2014 9:25:08 AM
 Modified: 5/3/2014 10:15:51 AM

Electropherogram Summary Continued ...



Overall Results for sample 7 : CMW2644 Soni 1:4

Number of peaks found: 25 Corr. Area 1: 2,881.1
 Noise: 0.2

Peak table for sample 7 : CMW2644 Soni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	161	124.08	1,170.2	
3	193	189.05	1,484.4	
4	209	53.58	388.4	
5	227	67.78	453.0	
6	241	112.27	706.0	
7	259	135.50	793.9	
8	266	81.48	464.1	
9	285	70.43	374.9	
10	300	84.95	429.3	
11	330	94.41	433.5	
12	340	60.10	267.8	
13	360	86.38	364.0	
14	369	62.76	258.0	
15	376	88.74	357.2	
16	396	135.69	519.2	
17	439	91.85	317.0	
18	460	59.08	194.7	
19	496	47.51	145.1	
20	511	62.95	186.6	
21	526	62.97	181.3	
22	561	71.14	192.1	
23	596	63.50	161.5	
24	652	119.26	277.3	
25	813	54.78	102.0	
26	1,004	16.40	24.7	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-03\2014-05-03_001.xad

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Electropherogram Summary Continued ...**... Peak table for sample 7 : CMW2644 Soni 1:4**

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

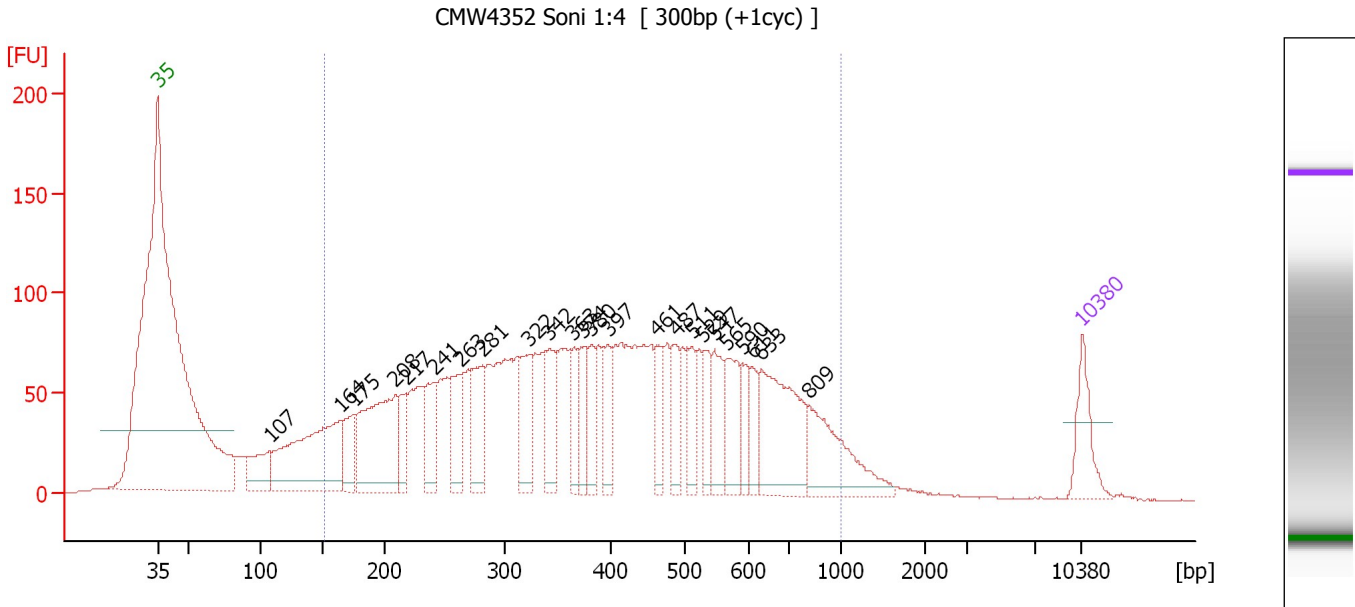
Region table for sample 7 : CMW2644 Soni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ μ l]	Corr. Area	% of Total	Size distribution in CV [%]	Color
135	1,000	386	22,992.0	4,398.77	2,881.1	91	43.3	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-03\2014-05-03_001.xad

Created: 5/3/2014 9:25:08 AM
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Electropherogram Summary Continued ...



Overall Results for sample 8 : CMW4352 Soni 1:4

Number of peaks found: 24 Corr. Area 1: 3,339.2
 Noise: 0.1

Peak table for sample 8 : CMW4352 Soni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	107	123.24	1,749.8	
3	164	442.05	4,081.0	
4	175	97.40	844.3	
5	208	363.03	2,638.7	
6	217	78.24	545.4	
7	241	123.20	775.8	
8	263	137.08	788.7	
9	281	146.06	787.2	
10	322	127.09	597.3	
11	342	119.91	531.9	
12	363	75.32	314.0	
13	374	91.11	369.5	
14	380	79.19	315.5	
15	397	76.56	292.0	
16	461	72.88	239.3	
17	487	76.53	238.0	
18	511	73.31	217.6	
19	529	65.51	187.8	
20	547	92.75	257.1	
21	565	120.15	321.9	
22	590	50.18	128.8	
23	611	55.47	137.6	
24	633	263.40	630.6	
25	809	184.72	345.9	
26	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-03\2014-05-03_001.xad

Created: 5/3/2014 9:25:08 AM
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Electropherogram Summary Continued ...

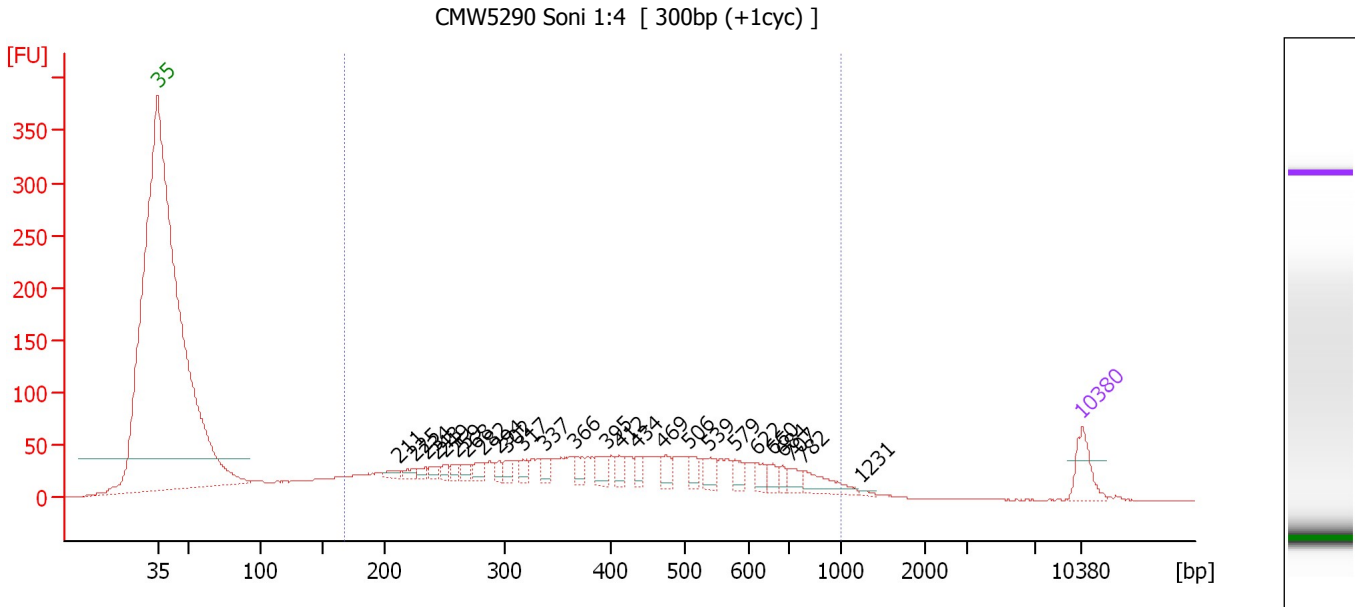
... Region table for sample 8 : CMW4352 Soni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
151	1,000	417	20,917.9	4,388.87	3,339.2	89	42.5	■

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-03\2014-05-03_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 9 : CMW5290 Soni 1:4

Number of peaks found: 26 Corr. Area 1: 1,711.1
 Noise: 0.2

Peak table for sample 9 : CMW5290 Soni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	211	23.92	171.5	
3	225	24.13	162.7	
4	234	19.99	129.4	
5	243	23.40	146.2	
6	249	21.37	130.0	
7	259	24.31	142.2	
8	268	28.87	163.2	
9	282	35.05	188.4	
10	294	27.69	142.5	
11	302	30.65	153.7	
12	317	29.93	143.2	
13	337	35.77	160.7	
14	366	41.19	170.5	
15	395	49.33	189.3	
16	412	41.28	151.7	
17	434	36.24	126.5	
18	469	46.35	149.7	
19	506	40.53	121.4	
20	539	48.34	135.9	
21	579	37.44	98.0	
22	622	33.01	80.4	
23	660	31.61	72.5	
24	684	20.49	45.4	
25	707	36.44	78.1	
26	782	77.18	149.5	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-03\2014-05-03_001.xad

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Electropherogram Summary Continued ...**... Peak table for sample 9 : CMW5290 Soni 1:4**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	1,231	5.70	7.0	
28	▶ 10,380	75.00	10.9	Upper Marker

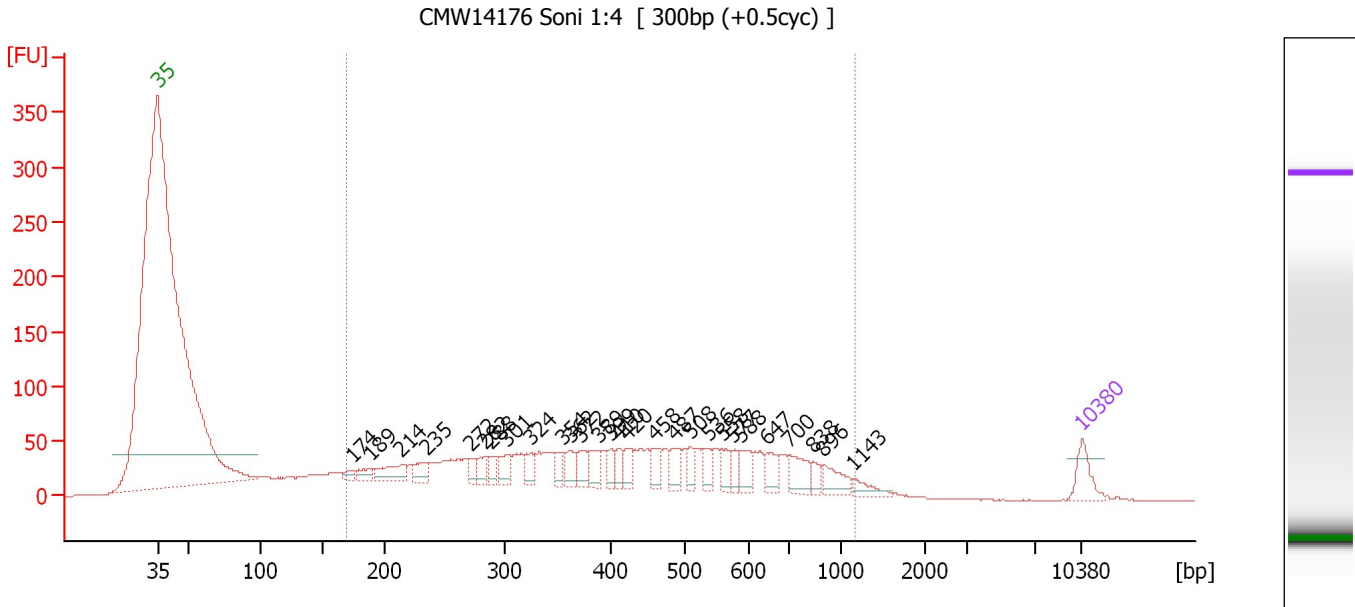
Region table for sample 9 : CMW5290 Soni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
168	1,000	426	11,164.7	2,449.61	1,711.1	86	41.2	■

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-03\2014-05-03_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 10 : CMW14176 Soni 1:4

Number of peaks found: 28 Corr. Area 1: 1,957.6
 Noise: 0.2

Peak table for sample 10 : CMW14176 Soni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	174	28.59	248.5	
3	189	52.29	419.0	
4	214	116.52	825.4	
5	235	72.23	464.9	
6	272	44.11	245.7	
7	282	62.69	336.3	
8	288	50.48	265.6	
9	301	72.93	367.0	
10	324	68.37	319.2	
11	354	49.62	212.6	
12	362	69.49	290.8	
13	372	77.17	314.5	
14	389	76.54	298.2	
15	399	49.99	189.8	
16	410	50.06	184.9	
17	420	54.50	196.6	
18	458	74.61	246.6	
19	487	77.82	242.1	
20	508	58.25	173.8	
21	536	59.68	168.6	
22	558	53.69	145.7	
23	577	48.48	127.4	
24	588	74.44	191.8	
25	647	78.94	184.9	
26	700	105.97	229.2	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-03\2014-05-03_001.xad


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Electropherogram Summary Continued ...

... Peak table for sample 10 : CMW14176 Soni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	838	35.27	63.8	
28	896	81.00	136.9	
29	1,143	41.70	55.3	
30	10,380	75.00	10.9	Upper Marker

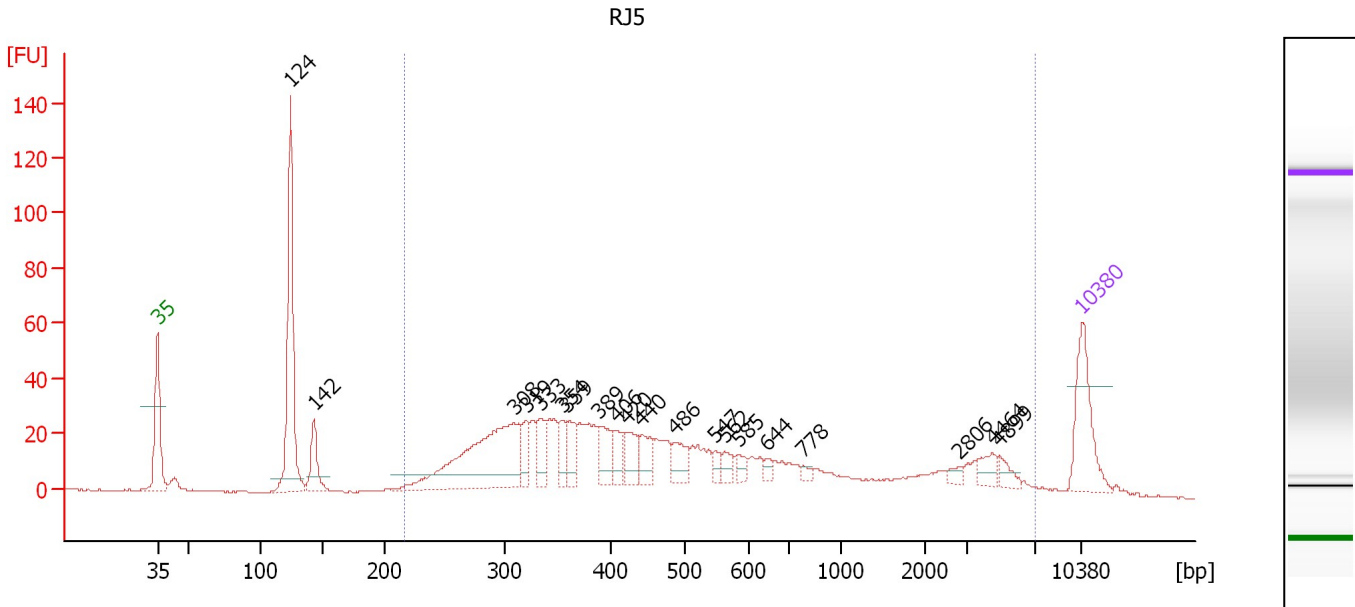
Region table for sample 10 : CMW14176 Soni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
170	1,153	448	16,821.7	3,781.91	1,957.6	86	43.9	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-03\2014-05-03_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 11 : RJ5

Number of peaks found: 20 Corr. Area 1: 889.7
 Noise: 0.2

Peak table for sample 11 : RJ5

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	124	283.96	3,475.7	
3	142	57.83	615.4	
4	308	269.35	1,325.4	
5	319	33.15	157.3	
6	333	40.46	184.1	
7	354	30.49	130.7	
8	359	38.34	161.9	
9	389	43.69	170.4	
10	406	27.51	102.5	
11	420	39.11	141.0	
12	440	34.11	117.4	
13	486	35.44	110.5	
14	547	11.94	33.1	
15	562	14.14	38.1	
16	585	12.77	33.0	
17	644	8.39	19.7	
18	778	6.02	11.7	
19	2,806	7.31	3.9	
20	4,464	17.69	6.0	
21	4,899	12.52	3.9	
22	10,380	75.00	10.9	Upper Marker

Region table for sample 11 : RJ5

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
216	6,998	947	4,783.7	1,313.10	889.7	82	100.0	Blue

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-03\2014-05-03_001.xad

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