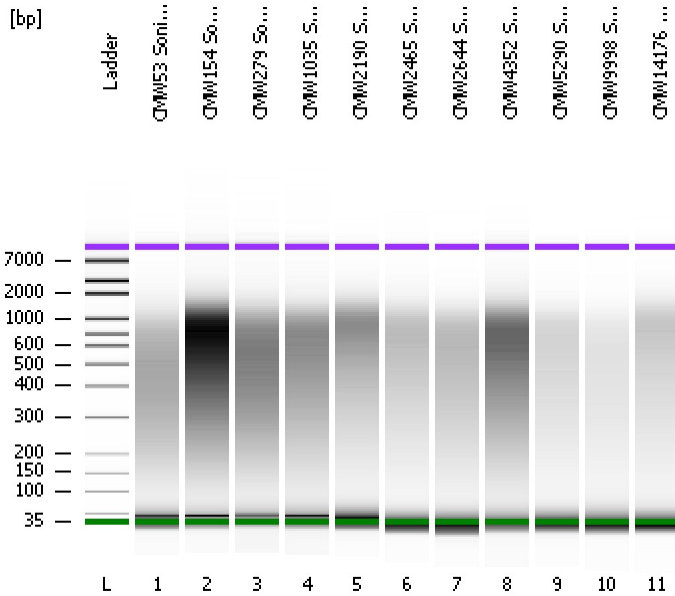


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-02\2014-05-02_003.xad

Created: 5/2/2014 8:49:28 AM
Modified: 5/2/2014 10:09:30 AM

Electrophoresis File Run Summary



Instrument Information:

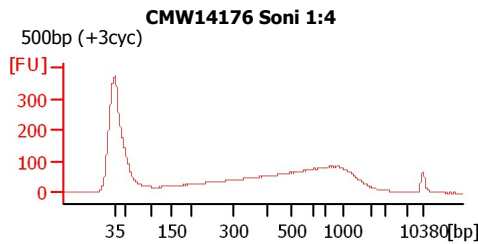
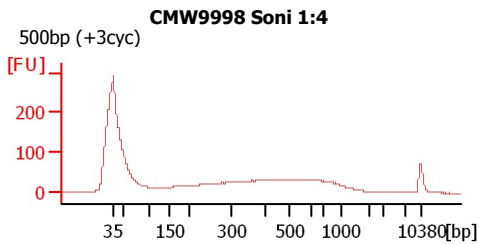
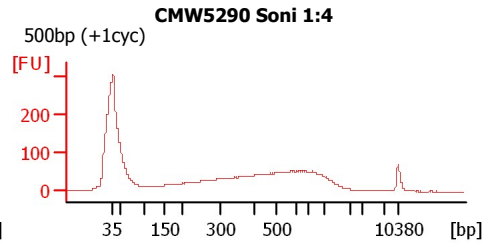
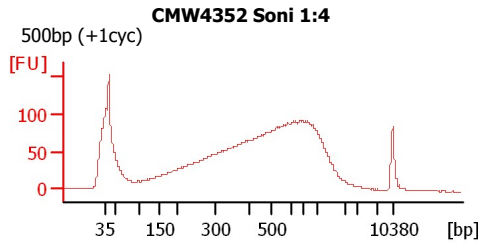
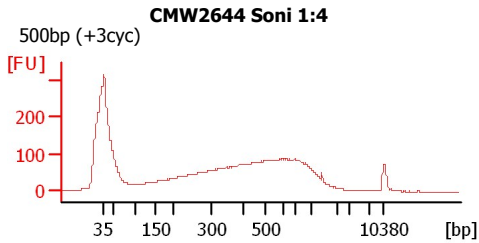
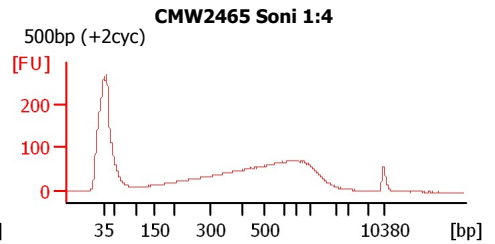
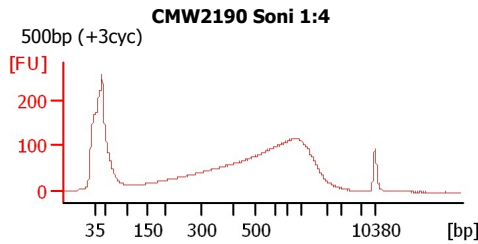
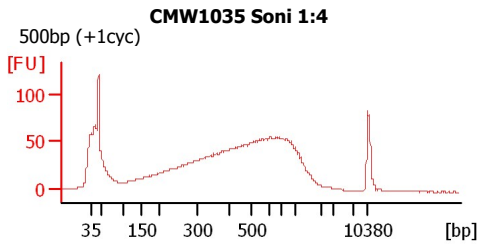
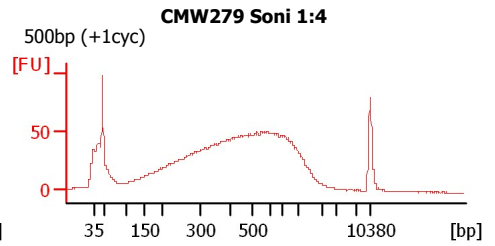
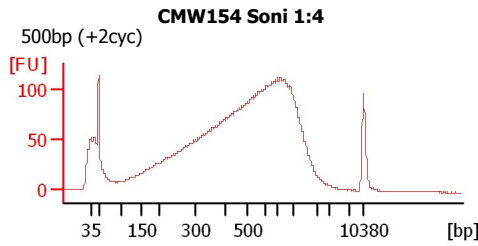
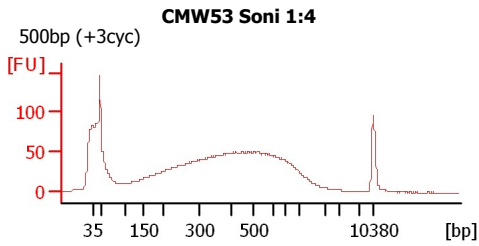
Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

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\2014-05-02\2014-05-02_003.xad

Created: 5/2/2014 8:49:28 AM
Modified: 5/2/2014 10:09:30 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
CMW53 Soni 1:4	500bp (+3cyc)	<input type="checkbox"/>	✓			
CMW154 Soni 1:4	500bp (+2cyc)	<input type="checkbox"/>	✓			
CMW279 Soni 1:4	500bp (+1cyc)	<input type="checkbox"/>	✓			
CMW1035 Soni 1:4	500bp (+1cyc)	<input type="checkbox"/>	✓			
CMW2190 Soni 1:4	500bp (+3cyc)	<input type="checkbox"/>	✓			
CMW2465 Soni 1:4	500bp (+2cyc)	<input type="checkbox"/>	✓			
CMW2644 Soni 1:4	500bp (+3cyc)	<input type="checkbox"/>	✓			
CMW4352 Soni 1:4	500bp (+1cyc)	<input type="checkbox"/>	✓			
CMW5290 Soni 1:4	500bp (+1cyc)	<input type="checkbox"/>	✓			
CMW9998 Soni 1:4	500bp (+3cyc)	<input type="checkbox"/>	✓			
CMW14176 Soni 1:4	500bp (+3cyc)	<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\2014-05-02\2014-05-02_003.xad

Created: 5/2/2014 8:49:28 AM
 Modified: 5/2/2014 10:09:30 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

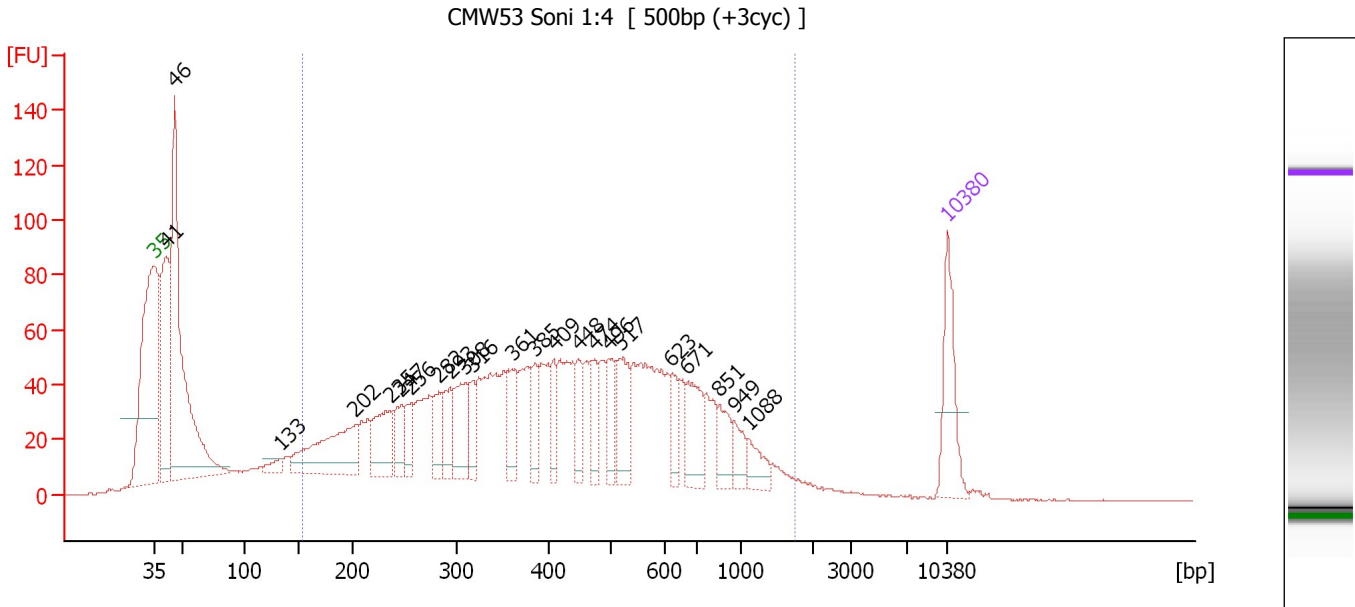
Ladder

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\2014-05-02\2014-05-02_003.xad

Created: 5/2/2014 8:49:28 AM
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Electropherogram Summary



Overall Results for sample 1 : CMW53 Soni 1:4

Number of peaks found: 23 Corr. Area 1: 2,203.3
 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	300.93	11,016.3	
3	46	602.81	19,715.3	
4	133	18.61	212.4	
5	202	179.84	1,346.2	
6	235	97.48	627.3	
7	247	46.43	285.3	
8	256	39.51	234.0	
9	282	54.20	291.1	
10	293	55.23	285.8	
11	308	83.31	409.6	
12	316	42.44	203.6	
13	361	67.96	285.3	
14	385	39.87	156.9	
15	409	39.33	145.8	
16	448	38.96	131.7	
17	474	44.48	142.2	
18	496	50.11	153.0	
19	517	76.63	224.4	
20	623	38.12	92.8	
21	671	71.71	162.0	
22	851	39.97	71.2	
23	949	27.61	44.1	
24	1,088	30.11	41.9	
25	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-02\2014-05-02_003.xad

Created: 5/2/2014 8:49:28 AM
Modified: 5/2/2014 10:09:30 AM

Electropherogram Summary Continued ...

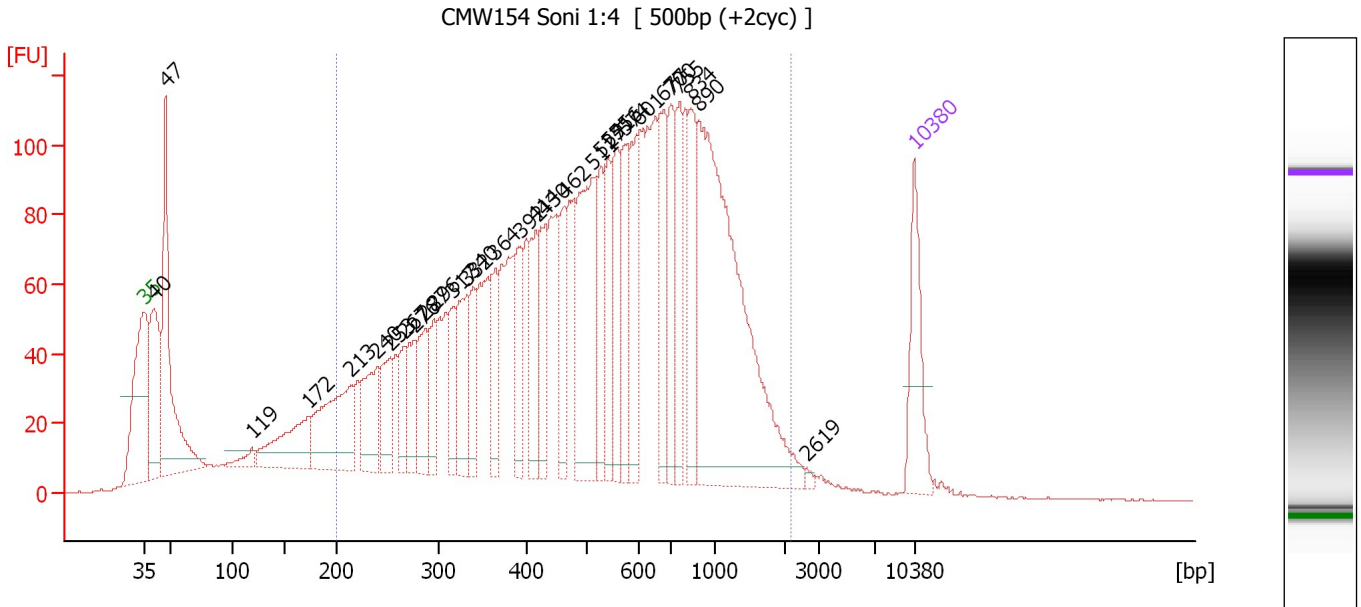
... Region table for sample 1 : CMW53 Soni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
153	1,732	471	11,290.4	2,517.52	2,203.3	72	53.5	■

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-02\2014-05-02_003.xad

Created: 5/2/2014 8:49:28 AM
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Electropherogram Summary Continued ...



Overall Results for sample 2 : CMW154 Soni 1:4

Number of peaks found: 31 Corr. Area 1: 3,667.4
 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	40	209.27	7,851.1	
3	47	348.54	11,171.6	
4	119	21.85	279.3	
5	172	130.15	1,145.5	
6	213	184.34	1,308.3	
7	240	105.01	663.9	
8	253	78.91	473.1	
9	267	49.59	281.5	
10	276	69.23	380.4	
11	287	80.14	422.7	
12	296	63.81	327.0	
13	317	58.86	281.6	
14	332	102.46	466.9	
15	340	62.09	276.9	
16	364	73.44	305.3	
17	392	72.42	279.7	
18	414	79.53	290.9	
19	430	86.68	305.3	
20	462	74.70	245.0	
21	511	215.89	640.1	
22	527	74.13	213.0	
23	541	86.23	241.6	
24	556	87.00	237.0	
25	574	97.99	258.8	
26	601	107.70	271.7	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-02\2014-05-02_003.xad

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 Modified: 5/2/2014 10:09:30 AM

Electropherogram Summary Continued ...

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

Peak	Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
27	677	110.96	248.5	
28	700	87.71	189.9	
29	755	85.20	170.9	
30	834	103.19	187.5	
31	890	517.31	881.0	
32	2,619	3.43	2.0	
33	▶ 10,380	75.00	10.9	Upper Marker

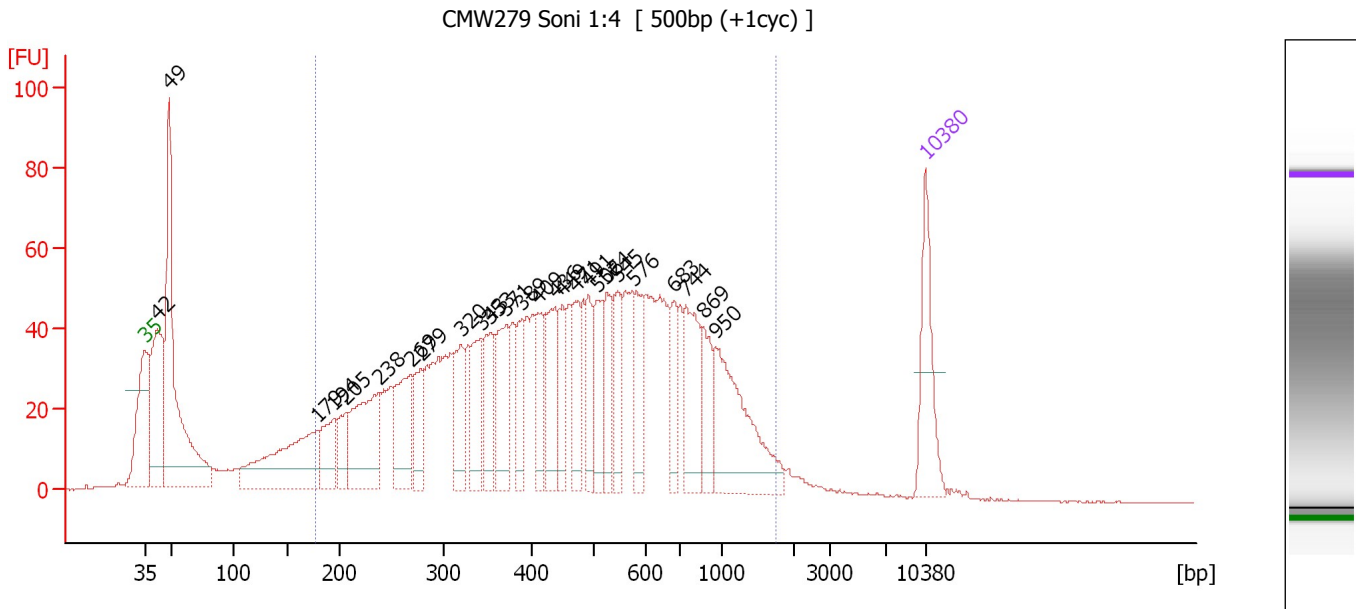
Region table for sample 2 : CMW154 Soni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/µl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
200	2,190	618	13,858.8	3,963.66	3,667.4	81	56.7	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-02\2014-05-02_003.xad

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Electropherogram Summary Continued ...



Overall Results for sample 3 : CMW279 Soni 1:4

Number of peaks found: 26 Corr. Area 1: 2,033.7
 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	42	236.05	8,557.4	
3	49	442.26	13,791.4	
4	179	219.75	1,863.0	
5	194	70.42	550.2	
6	205	51.50	380.3	
7	238	166.75	1,062.8	
8	269	109.89	619.6	
9	279	61.20	332.3	
10	320	76.98	364.5	
11	343	76.84	339.8	
12	353	82.15	352.9	
13	371	93.10	380.6	
14	389	52.28	203.9	
15	409	60.55	224.1	
16	436	90.63	314.7	
17	449	49.35	166.7	
18	471	65.19	209.6	
19	491	57.43	177.2	
20	506	67.59	202.4	
21	524	63.49	183.5	
22	545	62.17	172.7	
23	576	66.65	175.4	
24	683	42.30	93.8	
25	744	101.51	206.9	
26	869	53.90	94.0	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-02\2014-05-02_003.xad

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Electropherogram Summary Continued ...**... Peak table for sample 3 : CMW279 Soni 1:4**

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations
27	950	161.42	257.5	
28	▶ 10,380	75.00	10.9	Upper Marker

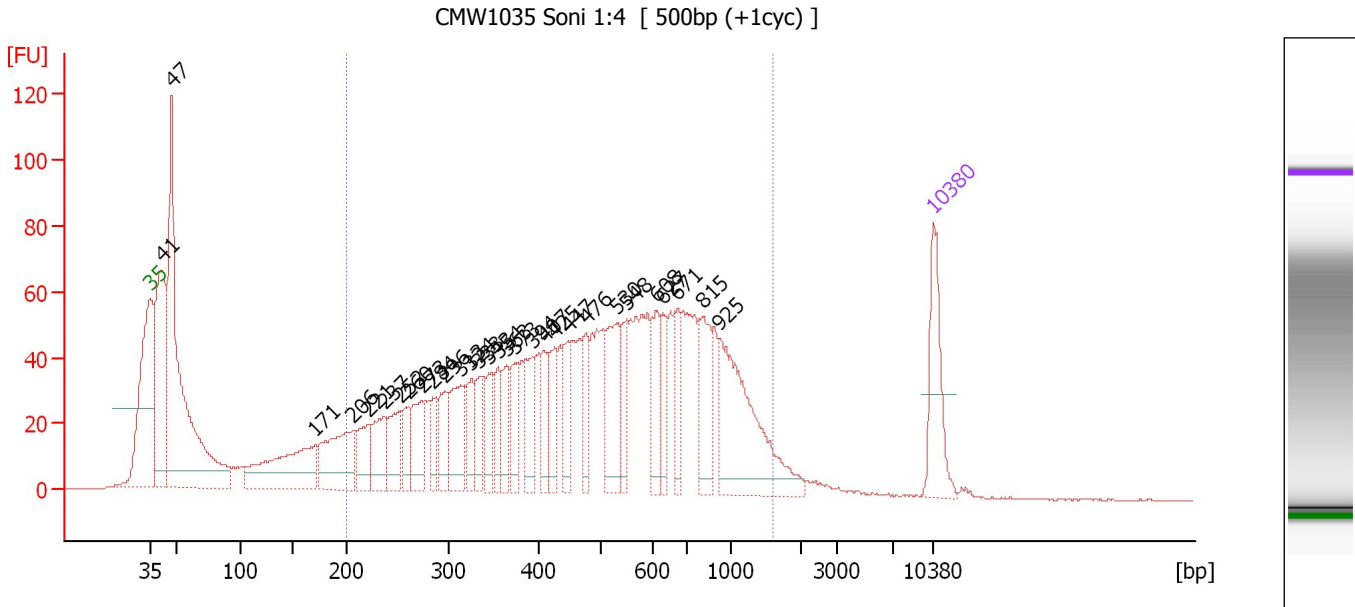
Region table for sample 3 : CMW279 Soni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ μ l]	Corr. Area	% of Total	Size distribution in CV [%]	Color
177	1,747	524	10,939.3	2,730.99	2,033.7	78	53.2	■

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-02\2014-05-02_003.xad

Created: 5/2/2014 8:49:28 AM
 Modified: 5/2/2014 10:09:30 AM

Electropherogram Summary Continued ...



Overall Results for sample 4 : CMW1035 Soni 1:4

Number of peaks found: 30 Corr. Area 1: 1,965.9
 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	334.15	12,293.9	
3	47	648.14	20,994.6	
4	171	190.10	1,683.4	
5	206	138.73	1,020.1	
6	221	65.55	449.5	
7	237	72.56	464.0	
8	252	67.90	407.6	
9	260	44.28	258.4	
10	273	76.24	423.2	
11	284	40.78	217.7	
12	296	59.32	303.5	
13	313	90.80	439.0	
14	324	49.60	231.9	
15	333	41.13	187.1	
16	343	41.44	183.0	
17	354	41.90	179.4	
18	363	48.31	201.5	
19	373	48.66	197.4	
20	394	61.72	237.6	
21	407	46.52	173.1	
22	425	56.78	202.6	
23	447	51.75	175.4	
24	476	49.38	157.3	
25	530	95.34	272.4	
26	548	45.67	126.2	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-02\2014-05-02_003.xad


Created: 5/2/2014 8:49:28 AM
Modified: 5/2/2014 10:09:30 AM

Electropherogram Summary Continued ...

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

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	608	54.50	135.8	
28	627	47.64	115.0	
29	671	45.62	103.0	
30	815	80.53	149.7	
31	925	202.85	332.1	
32	▶ 10,380	75.00	10.9	Upper Marker

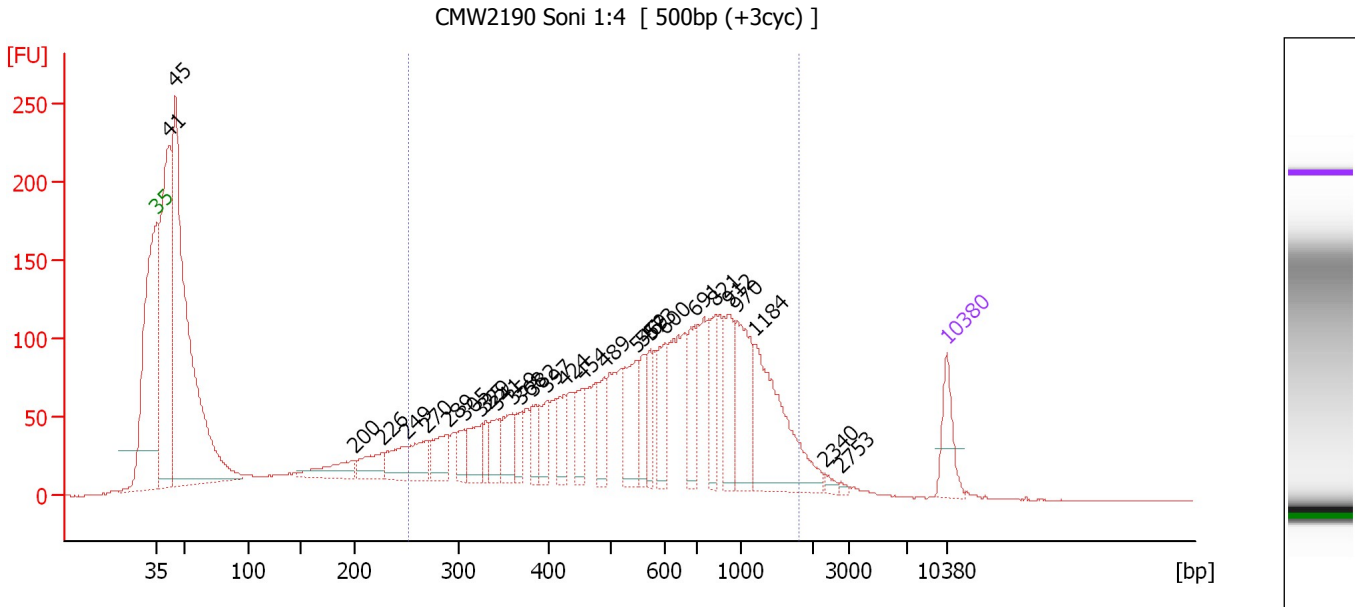
Region table for sample 4 : CMW1035 Soni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
200	1,599	548	8,879.5	2,392.85	1,965.9	70	49.3	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-02\2014-05-02_003.xad

Created: 5/2/2014 8:49:28 AM
 Modified: 5/2/2014 10:09:30 AM

Electropherogram Summary Continued ...



Overall Results for sample 5 : CMW2190 Soni 1:4

Number of peaks found: 29 Corr. Area 1: 3,151.5
 Noise: 0.3

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	41	1,012.79	37,044.3	
3	45	1,753.22	59,125.7	
4	200	92.05	697.8	
5	226	89.28	597.4	
6	249	90.75	551.3	
7	270	95.17	534.4	
8	289	100.46	526.2	
9	305	54.93	272.6	
10	325	94.40	440.5	
11	329	43.97	202.2	
12	341	72.33	321.2	
13	359	95.49	403.1	
14	368	54.83	225.5	
15	382	61.91	245.6	
16	397	74.82	285.8	
17	424	79.02	282.1	
18	454	79.51	265.6	
19	489	81.40	252.3	
20	546	157.34	436.5	
21	559	74.71	202.5	
22	573	70.36	186.0	
23	600	103.28	260.7	
24	691	118.12	259.2	
25	821	105.58	194.9	
26	912	130.48	216.8	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-02\2014-05-02_003.xad

Created: 5/2/2014 8:49:28 AM
 Modified: 5/2/2014 10:09:30 AM

Electropherogram Summary Continued ...

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

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	970	174.78	273.0	
28	1,184	311.41	398.5	
29	2,340	9.62	6.2	
30	2,753	5.04	2.8	
31	10,380	75.00	10.9	Upper Marker

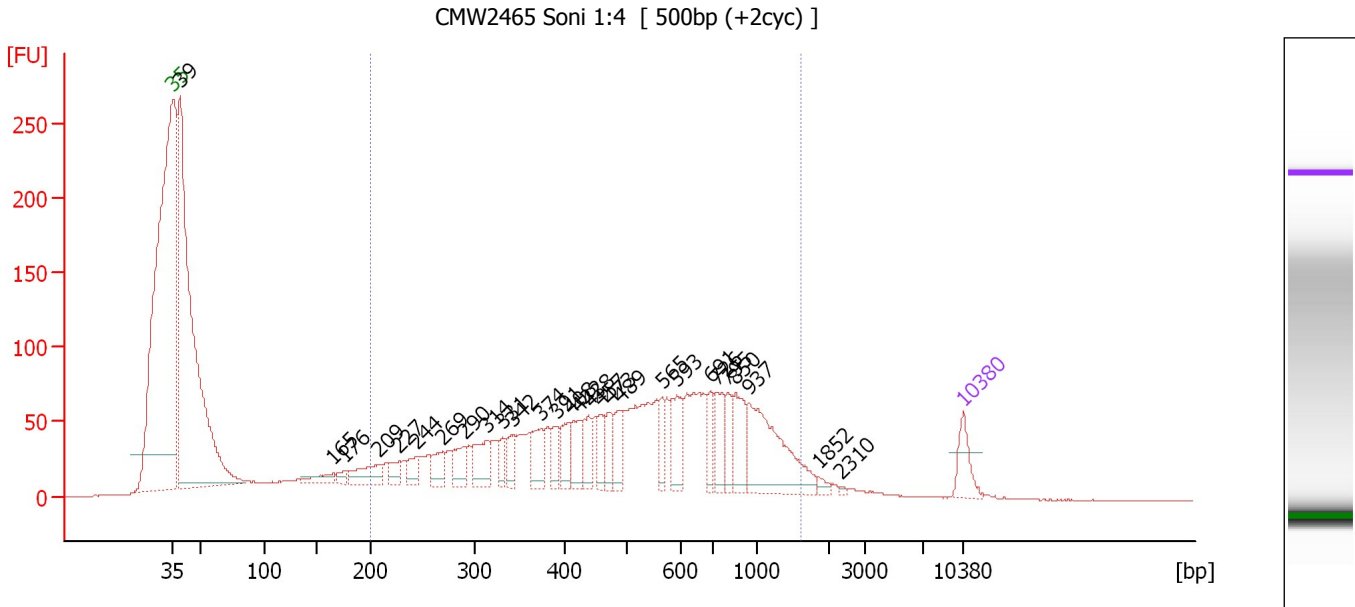
Region table for sample 5 : CMW2190 Soni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
251	1,799	668	10,985.0	3,561.56	3,151.5	57	51.2	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-02\2014-05-02_003.xad

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Electropherogram Summary Continued ...



Overall Results for sample 6 : CMW2465 Soni 1:4

Number of peaks found: 28 Corr. Area 1: 2,353.4
 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	39	2,770.15	108,186.2	
3	165	63.46	583.4	
4	176	29.88	257.5	
5	209	127.27	924.6	
6	227	61.66	410.8	
7	244	67.33	418.4	
8	269	85.40	480.4	
9	290	101.89	532.8	
10	314	134.75	651.2	
11	331	60.89	279.0	
12	342	80.65	357.5	
13	374	113.80	461.4	
14	391	77.54	300.6	
15	408	103.62	384.8	
16	422	107.96	387.8	
17	438	100.38	347.1	
18	457	70.93	235.1	
19	473	88.55	283.9	
20	489	101.86	315.7	
21	565	77.29	207.2	
22	593	144.30	368.6	
23	691	79.85	175.2	
24	726	121.20	252.9	
25	795	80.55	153.5	
26	850	134.65	240.0	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-02\2014-05-02_003.xad


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Electropherogram Summary Continued ...

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

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	937	379.83	614.0	
28	1,852	15.33	12.5	
29	2,310	5.26	3.4	
30	10,380	75.00	10.9	Upper Marker

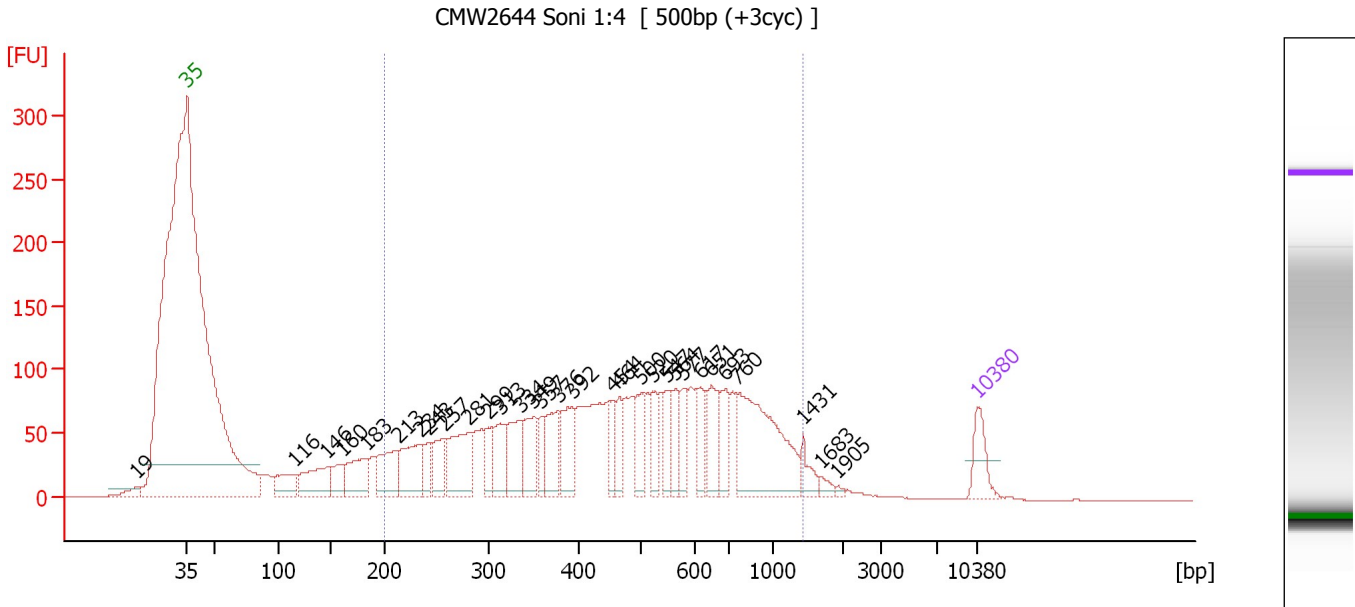
Region table for sample 6 : CMW2465 Soni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
200	1,604	571	15,428.1	4,266.46	2,353.4	61	50.2	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-02\2014-05-02_003.xad

Created: 5/2/2014 8:49:28 AM
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Electropherogram Summary Continued ...



Overall Results for sample 7 : CMW2644 Soni 1:4

Number of peaks found: 31 Corr. Area 1: 3,130.9
 Noise: 0.2

Peak table for sample 7 : CMW2644 Soni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	19	0.00	0.0	
2	35	125.00	5,411.3	Lower Marker
3	116	117.93	1,533.9	
4	146	189.33	1,961.7	
5	160	87.78	830.2	
6	183	182.52	1,509.2	
7	213	180.94	1,290.1	
8	234	193.74	1,252.1	
9	243	82.67	516.2	
10	257	124.76	735.8	
11	281	235.33	1,269.4	
12	299	76.72	388.4	
13	313	149.30	723.4	
14	334	158.80	720.5	
15	349	154.89	672.0	
16	357	72.14	305.8	
17	376	149.52	602.0	
18	392	152.52	590.0	
19	454	75.63	252.4	
20	464	82.14	268.1	
21	500	107.63	326.5	
22	520	94.78	275.9	
23	547	74.95	207.8	
24	564	85.16	229.0	
25	577	83.93	220.6	
26	617	82.13	201.7	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-02\2014-05-02_003.xad

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Electropherogram Summary Continued ...

... Peak table for sample 7 : CMW2644 Soni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	651	125.84	293.0	
28	693	97.52	213.3	
29	760	455.38	907.8	
30	1,431	45.94	48.7	
31	1,683	16.04	14.4	
32	1,905	5.12	4.1	
33	▶ 10,380	75.00	10.9	Upper Marker

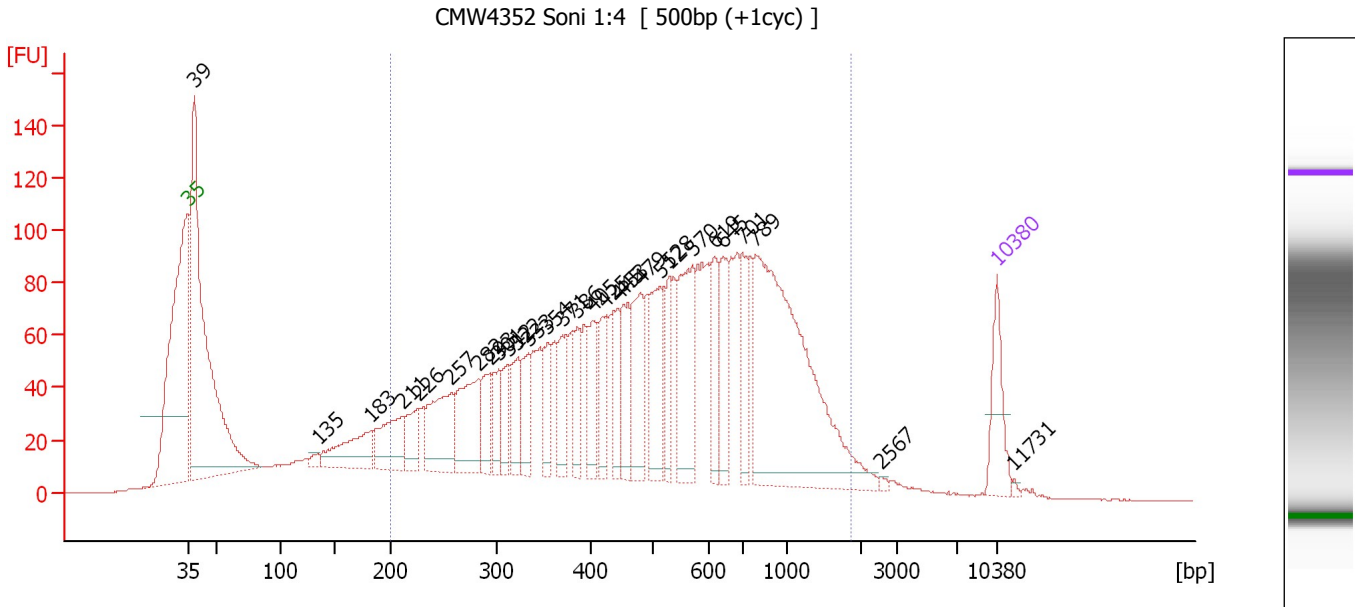
Region table for sample 7 : CMW2644 Soni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
200	1,433	520	15,823.9	4,125.17	3,130.9	84	46.9	■

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-02\2014-05-02_003.xad

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Electropherogram Summary Continued ...



Overall Results for sample 8 : CMW4352 Soni 1:4

Number of peaks found: 29 Corr. Area 1: 3,120.4
 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	39	1,103.65	43,208.1	
3	135	16.10	180.9	
4	183	142.43	1,179.1	
5	211	139.03	997.9	
6	226	77.31	518.3	
7	257	180.96	1,067.3	
8	282	174.83	938.4	
9	293	77.60	400.9	
10	301	66.61	334.9	
11	312	64.56	313.8	
12	322	79.64	374.6	
13	333	76.15	346.5	
14	354	75.31	322.1	
15	371	81.48	332.8	
16	386	73.88	289.7	
17	405	95.06	356.0	
18	425	81.39	290.4	
19	445	68.73	234.1	
20	453	102.49	342.6	
21	479	138.31	437.3	
22	512	134.36	397.7	
23	528	80.41	230.5	
24	570	191.71	509.2	
25	619	80.79	197.9	
26	645	110.44	259.3	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-02\2014-05-02_003.xad

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Electropherogram Summary Continued ...

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

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	701	95.50	206.5	
28	789	659.86	1,266.6	
29	2,567	3.95	2.3	
30	10,380	75.00	10.9	Upper Marker
31	11,731	0.00	0.0	

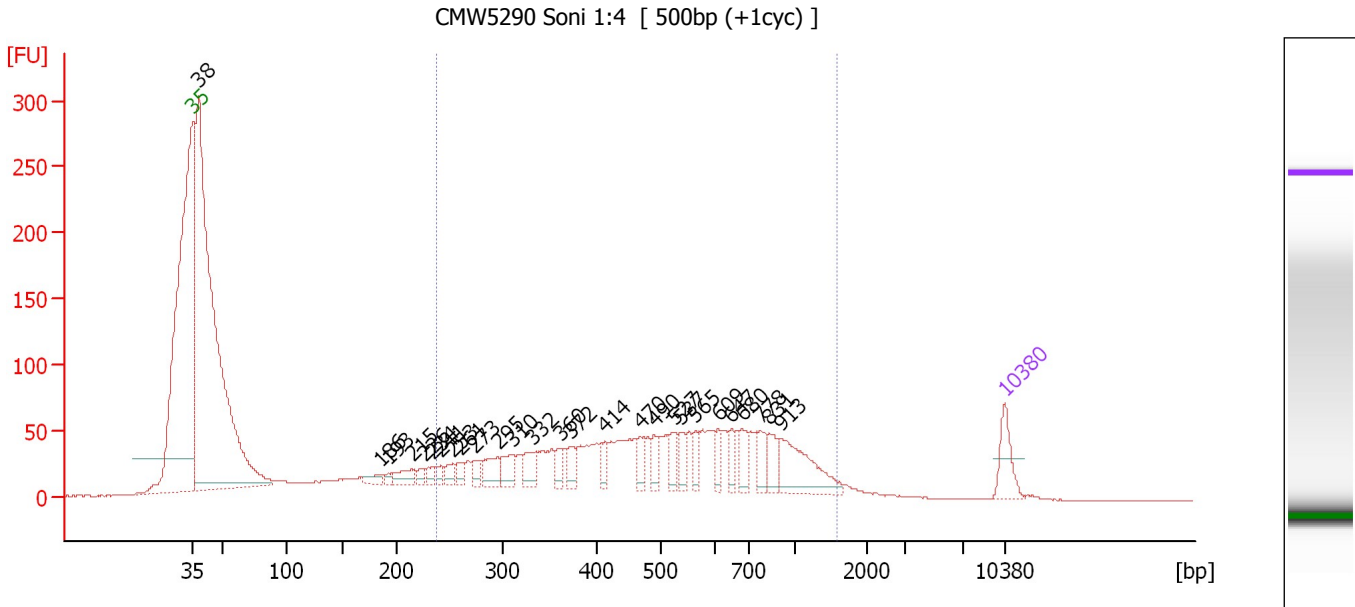
Region table for sample 8 : CMW4352 Soni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
200	1,878	584	15,513.9	4,294.78	3,120.4	74	54.3	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-02\2014-05-02_003.xad

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Electropherogram Summary Continued ...



Overall Results for sample 9 : CMW5290 Soni 1:4

Number of peaks found: 27 Corr. Area 1: 1,734.9
 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	38	3,136.99	125,603.5	
3	186	35.68	291.3	
4	193	15.17	118.8	
5	215	58.63	413.9	
6	226	24.28	163.1	
7	234	32.33	209.7	
8	241	24.83	155.8	
9	253	38.20	228.8	
10	261	34.45	200.1	
11	273	41.61	230.7	
12	295	82.43	423.8	
13	310	69.94	341.9	
14	332	68.96	314.4	
15	360	40.94	172.1	
16	372	51.00	207.8	
17	414	44.18	161.6	
18	470	54.22	174.7	
19	490	44.74	138.2	
20	527	55.59	159.9	
21	537	55.67	157.2	
22	565	44.60	119.7	
23	609	43.68	108.7	
24	647	47.67	111.7	
25	680	58.47	130.3	
26	778	54.53	106.2	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-02\2014-05-02_003.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	831	64.94	118.3	
28	913	199.34	330.8	
29	▶ 10,380	75.00	10.9	Upper Marker

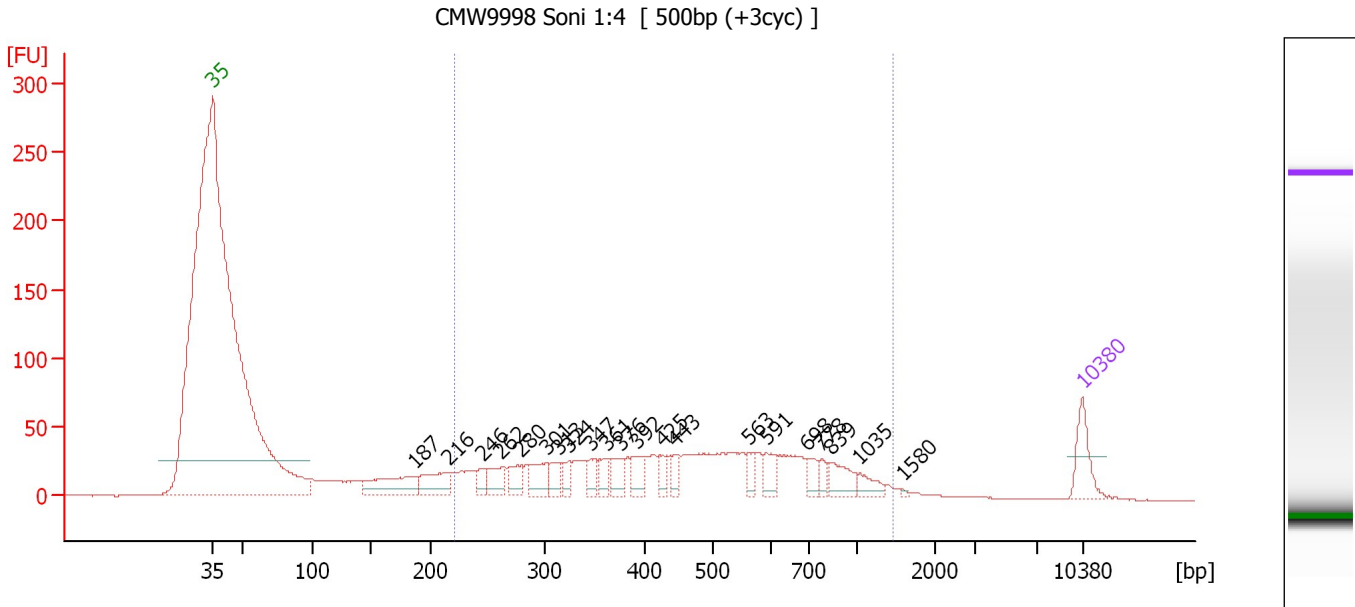
Region table for sample 9 : CMW5290 Soni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
237	1,588	559	8,978.5	2,559.55	1,734.9	48	47.4	■

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-02\2014-05-02_003.xad

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Electropherogram Summary Continued ...



Overall Results for sample 10 : CMW9998 Soni 1:4

Number of peaks found: 21 Corr. Area 1: 1,210.3
 Noise: 0.2

Peak table for sample 10 : CMW9998 Soni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	187	173.37	1,402.8	
3	216	112.36	788.1	
4	246	37.24	229.3	
5	262	72.49	419.2	
6	280	60.23	326.4	
7	301	83.66	420.8	
8	313	52.82	255.9	
9	324	37.73	176.6	
10	347	43.04	188.0	
11	361	49.83	209.0	
12	376	59.20	238.4	
13	392	56.75	219.1	
14	425	34.54	123.1	
15	443	39.40	134.8	
16	563	36.34	97.8	
17	591	47.05	120.5	
18	698	37.79	82.0	
19	778	25.77	50.2	
20	839	68.61	123.9	
21	1,035	35.66	52.2	
22	1,580	3.58	3.4	
23	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-02\2014-05-02_003.xad

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Electropherogram Summary Continued ...

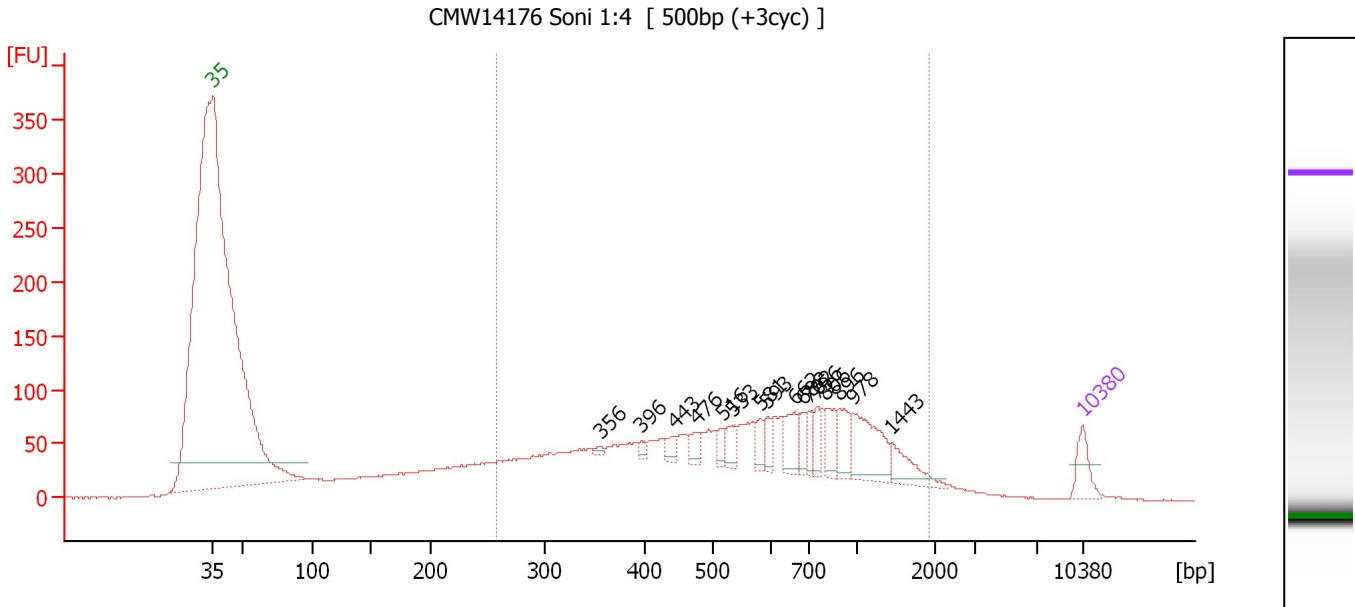
... Region table for sample 10 : CMW9998 Soni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
221	1,474	504	6,622.9	1,730.76	1,210.3	79	45.8	■

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-02\2014-05-02_003.xad

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Electropherogram Summary Continued ...



Overall Results for sample 11 : CMW14176 Soni 1:4

Number of peaks found: 16 Corr. Area 1: 2,444.1
 Noise: 0.2

Peak table for sample 11 : CMW14176 Soni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	356	13.28	56.5	
3	396	21.28	81.3	
4	443	42.97	147.0	
5	476	45.50	144.8	
6	516	45.04	132.2	
7	533	63.31	180.0	
8	581	54.07	141.0	
9	593	51.95	132.7	
10	662	107.33	245.8	
11	688	61.06	134.4	
12	702	58.54	126.3	
13	756	59.43	119.1	
14	806	94.78	178.1	
15	896	103.31	174.8	
16	978	227.94	353.2	
17	1,443	102.28	107.4	
18	10,380	75.00	10.9	Upper Marker

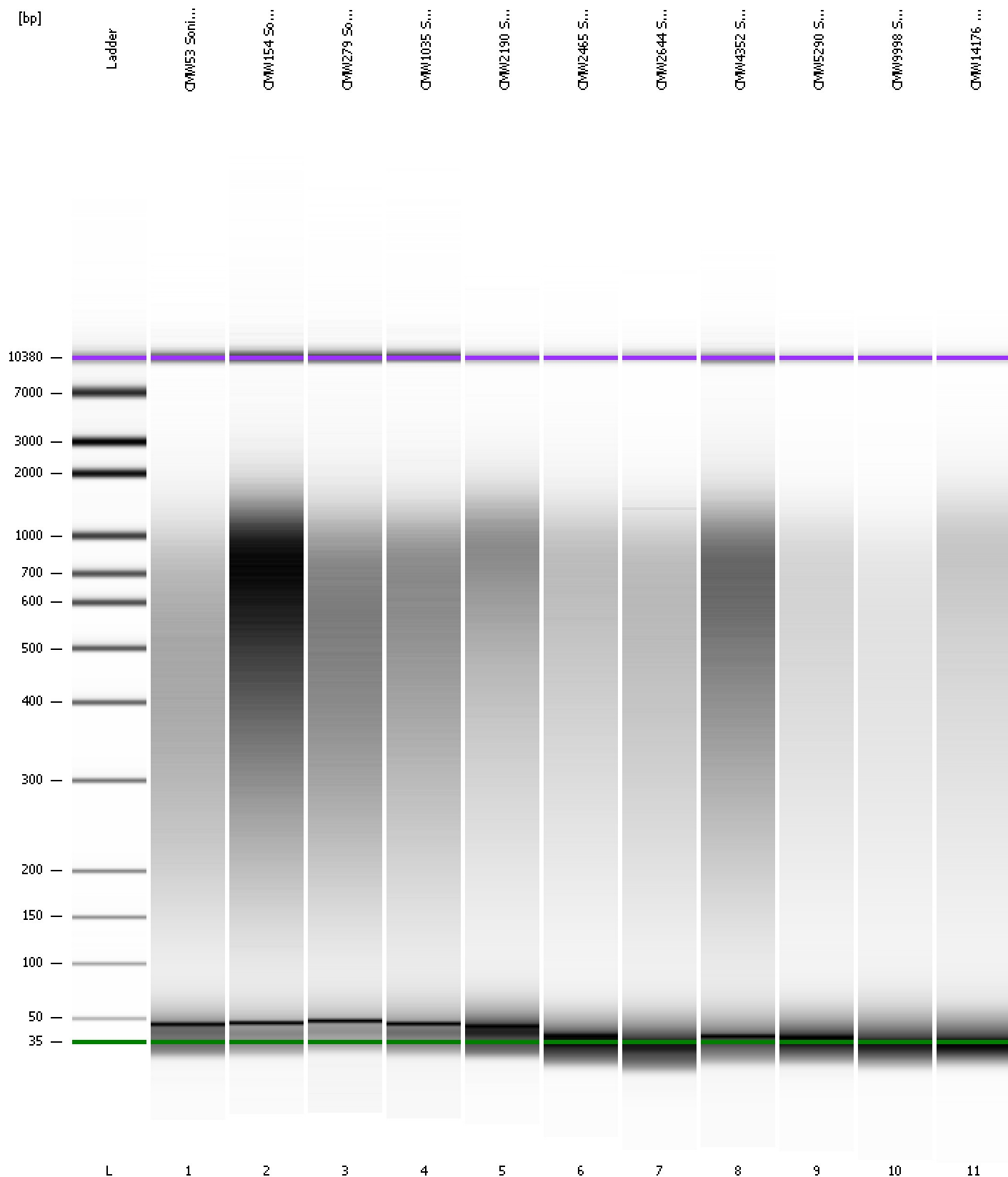
Region table for sample 11 : CMW14176 Soni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
258	1,911	656	11,607.5	3,674.29	2,444.1	77	54.1	Blue

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-02\2014-05-02_003.xad

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Gel Image



Assay Class: High Sensitivity DNA Assay
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Curves

Standard Curve

