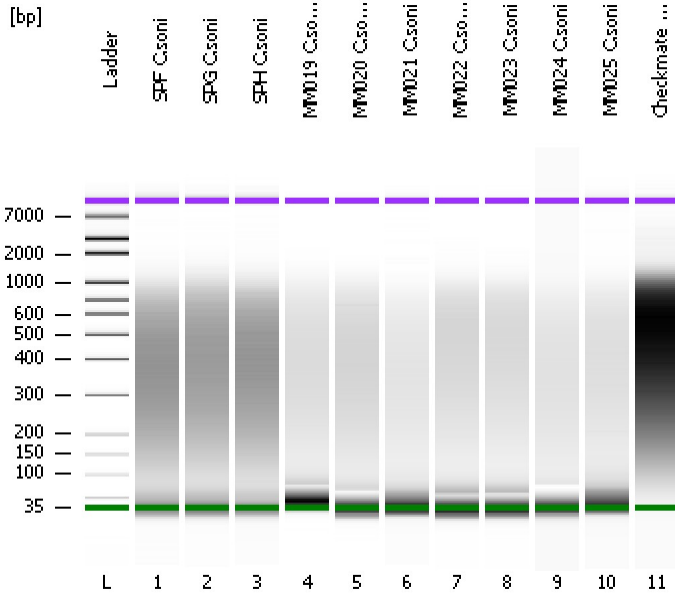


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-10-06\2014-10-06_001.xad

Created: 10/6/2014 11:26:58 AM
Modified: 10/6/2014 12:09:07 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

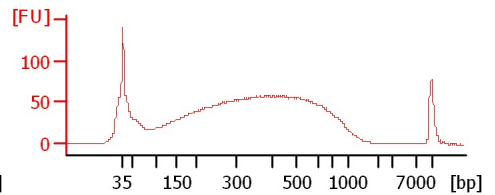
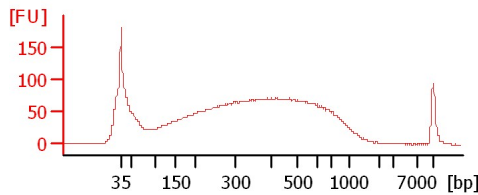
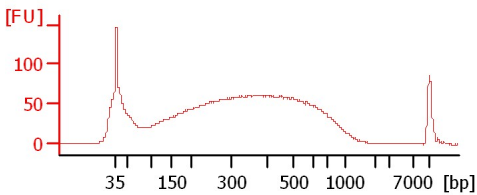
Chip Information:

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

SPF C.soni

SPG C.soni

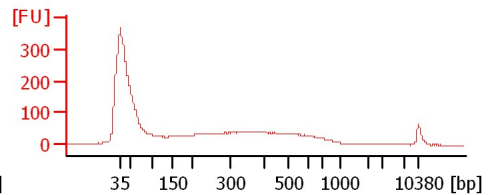
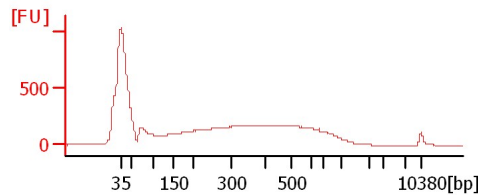
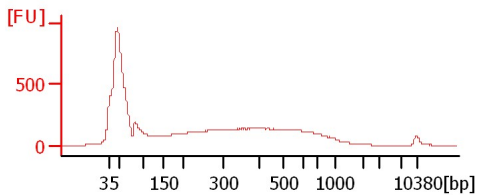
SPH C.soni



MM019 C.soni3

MM020 C.soni 3

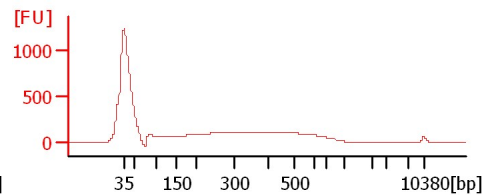
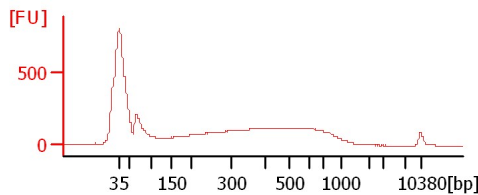
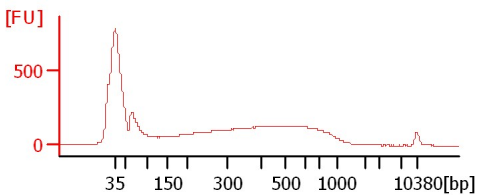
MM021 C.soni



MM022 C.soni3

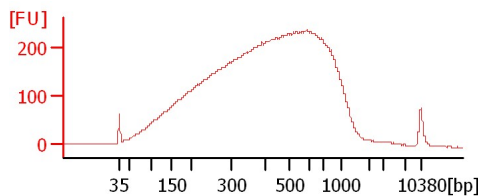
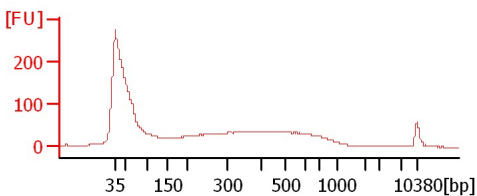
MM023 C.soni

MM024 C.soni



MM025 C.soni

Checkmate C.soni



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-10-06\2014-10-06_001.xad

Created: 10/6/2014 11:26:58 AM
 Modified: 10/6/2014 12:09:07 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
SPF C.soni		<input type="checkbox"/>	✓			
SPG C.soni		<input type="checkbox"/>	✓			
SPH C.soni		<input type="checkbox"/>	✓			
MM019 C.soni3		<input type="checkbox"/>	✓			
MM020 C.soni 3		<input type="checkbox"/>	✓			
MM021 C.soni		<input type="checkbox"/>	✓			
MM022 C.soni3		<input type="checkbox"/>	✓			
MM023 C.soni		<input type="checkbox"/>	✓			
MM024 C.soni		<input type="checkbox"/>	✓			
MM025 C.soni		<input type="checkbox"/>	✓			
Checkmate C.soni		<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\2014-10-06\2014-10-06_001.xad

Created: 10/6/2014 11:26:58 AM
 Modified: 10/6/2014 12:09:07 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

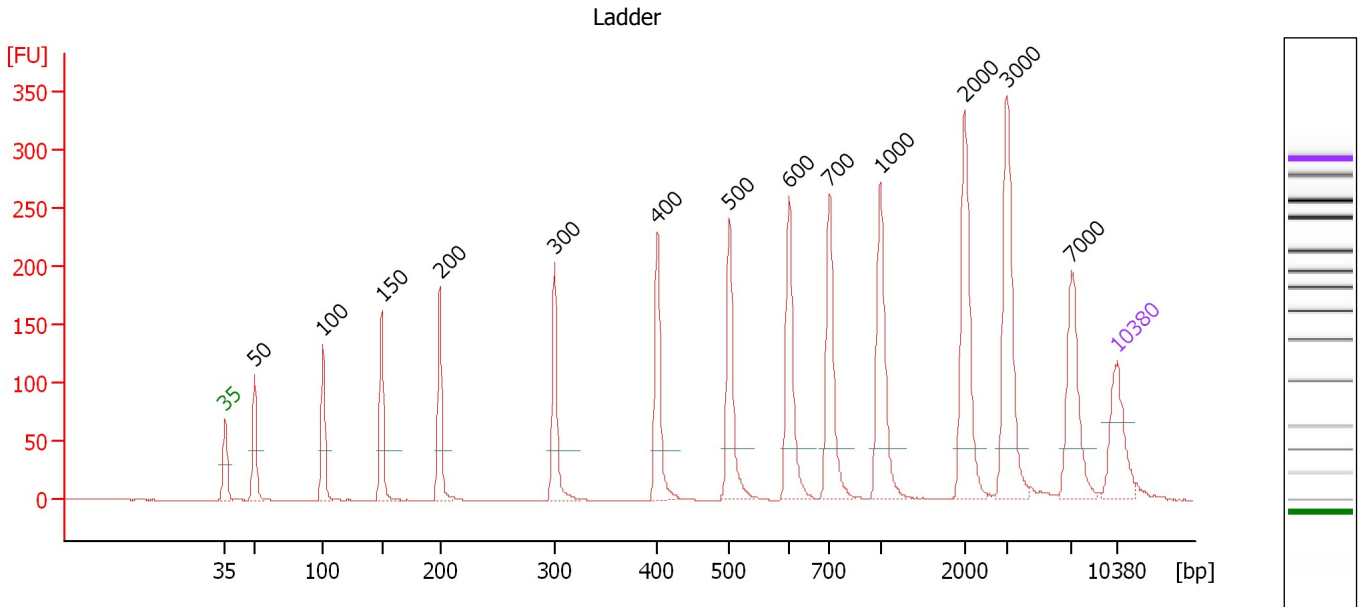
Ladder

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\2014-10-06\2014-10-06_001.xad

Created: 10/6/2014 11:26:58 AM
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Electropherogram Summary



Overall Results for Ladder

Noise: 0.2

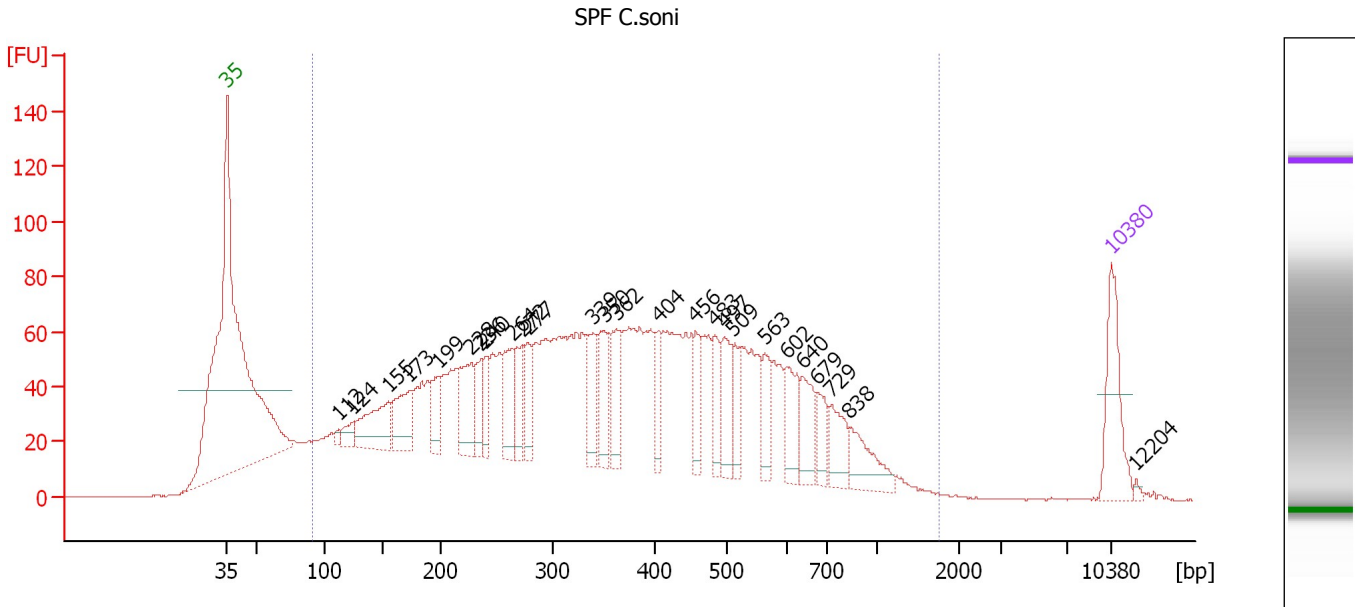
Peak table for Ladder

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

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-10-06\2014-10-06_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 1 : SPF C.soni

Number of peaks found: 26 Corr. Area 1: 3,115.6
 Noise: 0.3

Peak table for sample 1 : SPF C.soni

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	112	9.59	129.5	
3	124	24.34	297.1	
4	155	112.78	1,099.7	
5	173	87.47	764.1	
6	199	63.32	482.4	
7	228	98.62	656.8	
8	236	43.00	276.1	
9	240	44.73	282.7	
10	264	81.11	466.1	
11	272	53.72	299.1	
12	277	47.35	258.8	
13	339	63.82	285.3	
14	350	74.34	321.9	
15	362	69.82	292.2	
16	404	42.45	159.2	
17	456	49.90	165.7	
18	483	45.30	142.0	
19	497	62.09	189.4	
20	509	50.63	150.6	
21	563	43.65	117.4	
22	602	59.77	150.5	
23	640	56.60	133.9	
24	679	36.38	81.2	
25	729	50.73	105.4	
26	838	56.05	101.4	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-10-06\2014-10-06_001.xad


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Electropherogram Summary Continued ...

... Peak table for sample 1 : SPF C.soni

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	 10,380	75.00	10.9	Upper Marker
28	12,204	0.00	0.0	

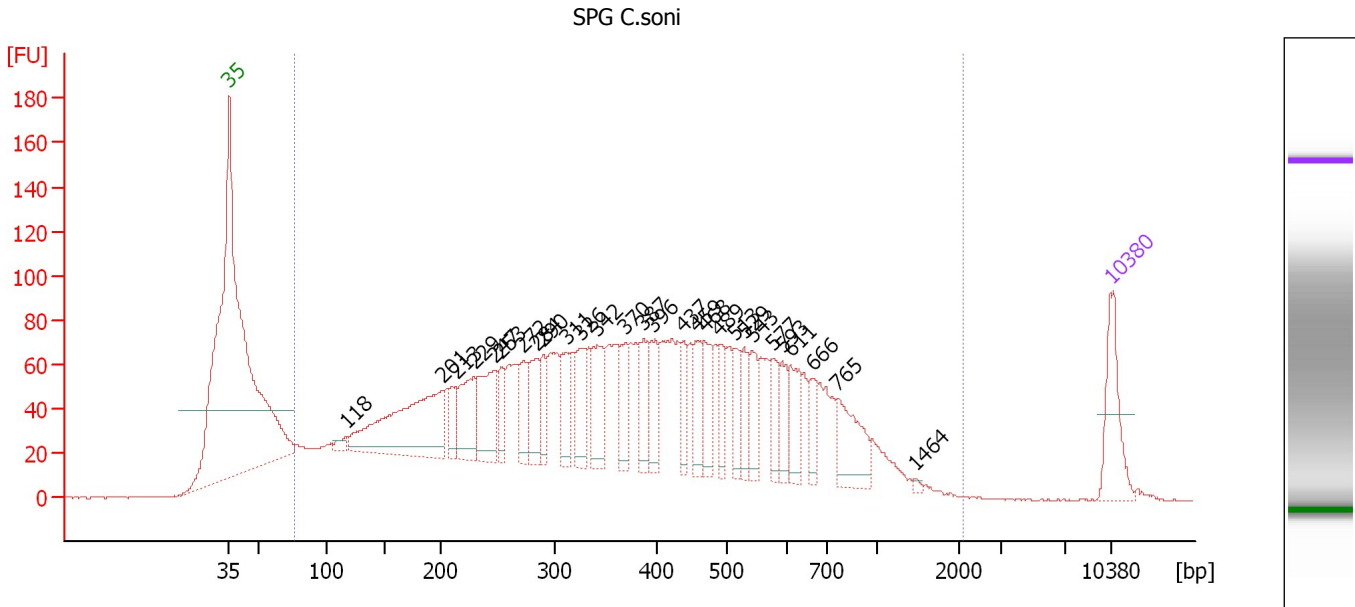
Region table for sample 1 : SPF C.soni

From [bp]	Average Size [bp]	To [bp]	Corr. Area	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
91	392	1,752	3,115.6	97	53.0	3,907.00	22,883.7	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-10-06\2014-10-06_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 2 : SPG C.soni

Number of peaks found: 28 Corr. Area 1: 3,706.4
 Noise: 0.2

Peak table for sample 2 : SPG C.soni


Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	118	16.39	210.3	
3	201	328.82	2,479.0	
4	213	42.75	303.8	
5	229	118.25	783.2	
6	247	128.25	787.8	
7	253	46.45	277.9	
8	272	63.23	352.1	
9	284	77.74	414.2	
10	290	49.09	256.5	
11	311	71.39	347.3	
12	326	72.19	335.4	
13	342	94.11	416.5	
14	370	62.36	255.6	
15	387	69.02	269.9	
16	396	64.60	247.2	
17	437	45.15	156.6	
18	459	62.16	205.4	
19	468	65.01	210.6	
20	489	46.66	144.5	
21	513	47.76	140.9	
22	529	43.10	123.5	
23	543	50.28	140.2	
24	577	45.97	120.8	
25	593	43.00	109.9	
26	611	61.09	151.5	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-10-06\2014-10-06_001.xad


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Electropherogram Summary Continued ...

... Peak table for sample 2 : SPG C.soni

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	666	38.53	87.7	
28	765	92.86	184.0	
29	1,464	3.78	3.9	
30	 10,380	75.00	10.9	Upper Marker

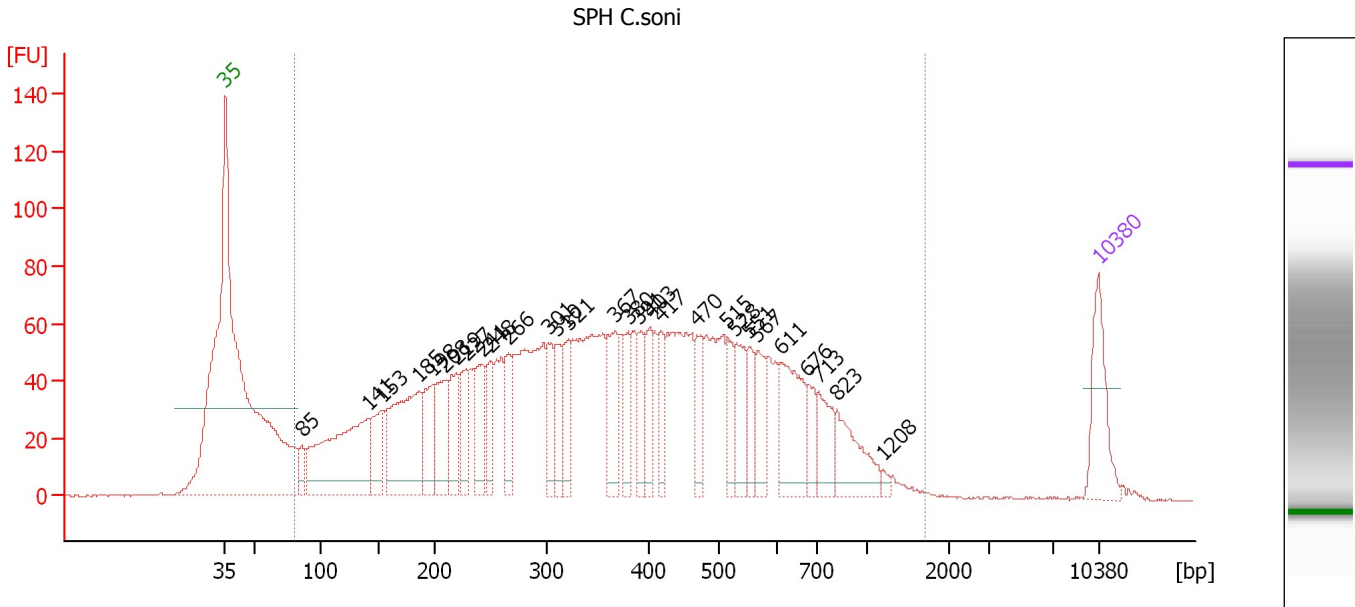
Region table for sample 2 : SPG C.soni

From [bp]	Average Size [bp]	To [bp]	Corr. Area	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
77	412	2,079	3,706.4	99	58.0	4,325.39	25,939.2	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-10-06\2014-10-06_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 3 : SPH C.soni

Number of peaks found: 29 Corr. Area 1: 2,933.3
 Noise: 0.2

Peak table for sample 3 : SPH C.soni


Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	85	34.08	605.8	
3	141	343.36	3,691.3	
4	153	81.11	802.9	
5	185	263.89	2,161.9	
6	198	96.89	742.9	
7	208	112.22	817.3	
8	219	88.33	612.5	
9	227	67.36	449.5	
10	241	85.54	537.1	
11	248	63.53	387.4	
12	266	68.72	392.0	
13	301	72.62	365.7	
14	310	62.39	305.1	
15	321	65.86	310.9	
16	367	91.52	377.7	
17	380	56.75	226.4	
18	391	55.59	215.4	
19	403	62.98	236.8	
20	417	50.02	181.6	
21	470	57.67	186.1	
22	515	46.81	137.9	
23	528	76.28	218.8	
24	551	45.11	124.0	
25	567	59.42	158.9	
26	611	121.01	299.9	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-10-06\2014-10-06_001.xad


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Electropherogram Summary Continued ...

... Peak table for sample 3 : SPH C.soni

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	676	41.75	93.6	
28	713	62.97	133.8	
29	823	83.96	154.6	
30	1,208	6.74	8.5	
31	 10,380	75.00	10.9	Upper Marker

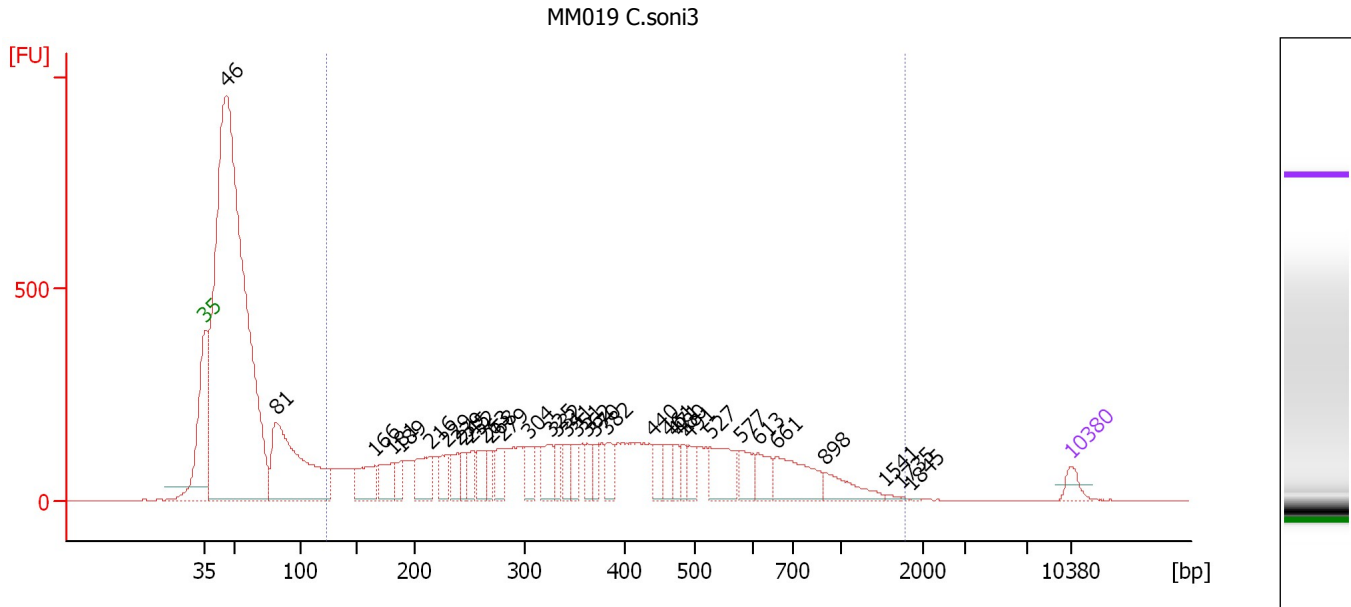
Region table for sample 3 : SPH C.soni

From [bp]	Average Size [bp]	To [bp]	Corr. Area	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
80	401	1,723	2,933.3	99	53.7	3,869.41	22,763.8	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-10-06\2014-10-06_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 4 : MM019 C.soni3

Number of peaks found: 34 Corr. Area 1: 6,947.7
 Noise: 0.2

Peak table for sample 4 : MM019 C.soni3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	46	10,614.52	349,799.6	
3	81	2,014.13	37,513.4	
4	166	415.02	3,799.1	
5	181	291.96	2,450.0	
6	189	180.36	1,449.3	
7	216	345.71	2,430.1	
8	229	199.02	1,314.7	
9	239	210.53	1,332.6	
10	245	137.56	850.4	
11	252	159.67	960.9	
12	263	201.00	1,159.2	
13	268	138.12	779.6	
14	279	211.07	1,146.6	
15	304	176.98	881.7	
16	325	261.84	1,221.4	
17	332	140.00	638.4	
18	341	157.50	699.3	
19	351	154.62	667.8	
20	362	132.01	552.5	
21	370	129.55	529.8	
22	382	164.02	650.3	
23	440	149.88	516.4	
24	461	130.48	428.9	
25	471	120.62	388.1	
26	480	103.32	326.1	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-10-06\2014-10-06_001.xad

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Electropherogram Summary Continued ...

... Peak table for sample 4 : MM019 C.soni3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	491	147.82	456.5	
28	527	372.32	1,070.3	
29	577	194.34	510.0	
30	613	174.97	432.8	
31	661	431.45	988.9	
32	898	206.96	349.3	
33	1,541	14.07	13.8	
34	1,735	4.70	4.1	
35	1,845	3.82	3.1	
36	▶ 10,380	75.00	10.9	Upper Marker

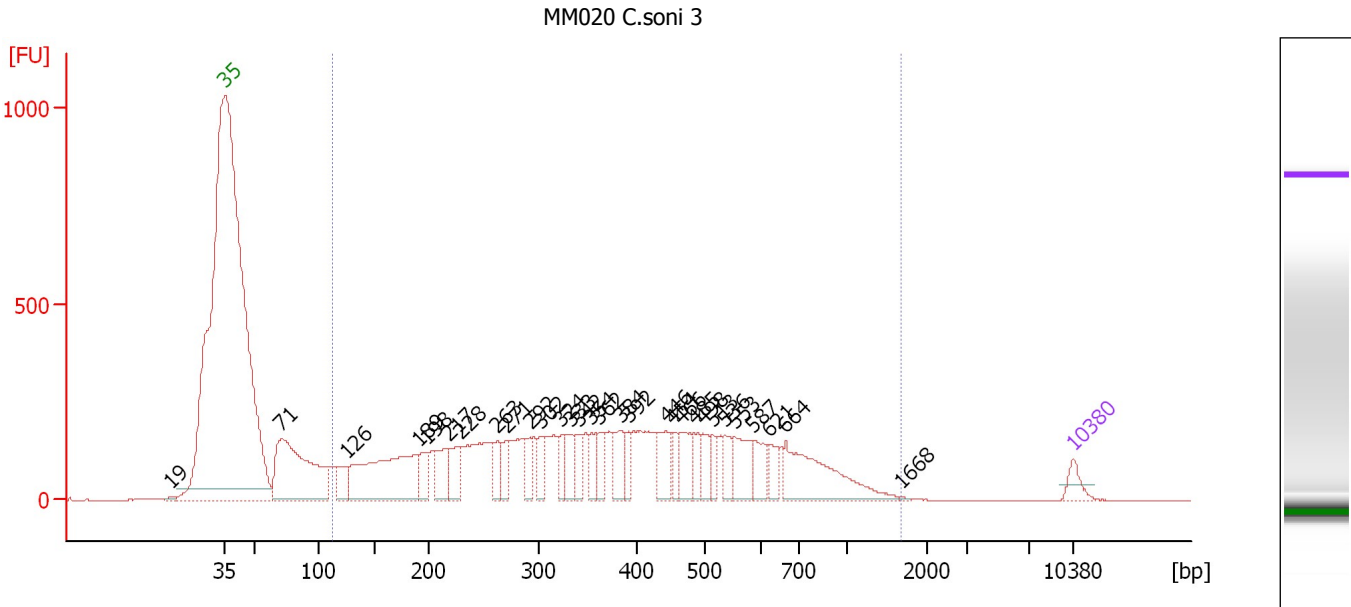
Region table for sample 4 : MM019 C.soni3

From [bp]	Average Size [bp]	To [bp]	Corr. Area	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
123	421	1,783	6,947.7	47	55.1	8,354.23	44,239.8	■

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-10-06\2014-10-06_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 5 : MM020 C.soni 3

Number of peaks found: 30 Corr. Area 1: 8,575.8
 Noise: 0.2

Peak table for sample 5 : MM020 C.soni 3

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	71	1,518.96	32,251.9	
4	126	223.36	2,692.6	
5	189	1,210.01	9,679.0	
6	198	196.18	1,503.4	
7	217	297.73	2,074.3	
8	228	234.65	1,556.8	
9	263	159.42	920.1	
10	271	168.59	941.1	
11	292	157.16	814.9	
12	302	145.37	728.5	
13	324	141.58	662.3	
14	333	182.42	829.4	
15	342	148.81	660.2	
16	354	156.26	668.4	
17	362	175.98	735.6	
18	384	210.21	829.5	
19	392	127.35	491.9	
20	446	241.12	819.8	
21	454	118.30	395.2	
22	466	242.76	789.0	
23	485	114.05	356.2	
24	498	155.29	472.8	
25	513	107.71	317.9	
26	536	142.04	401.4	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-10-06\2014-10-06_001.xad


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Electropherogram Summary Continued ...

... Peak table for sample 5 : MM020 C.soni 3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	553	264.23	723.6	
28	587	172.19	444.8	
29	621	122.86	299.9	
30	664	651.05	1,485.2	
31	1,668	5.33	4.8	
32	10,380	75.00	10.9	Upper Marker

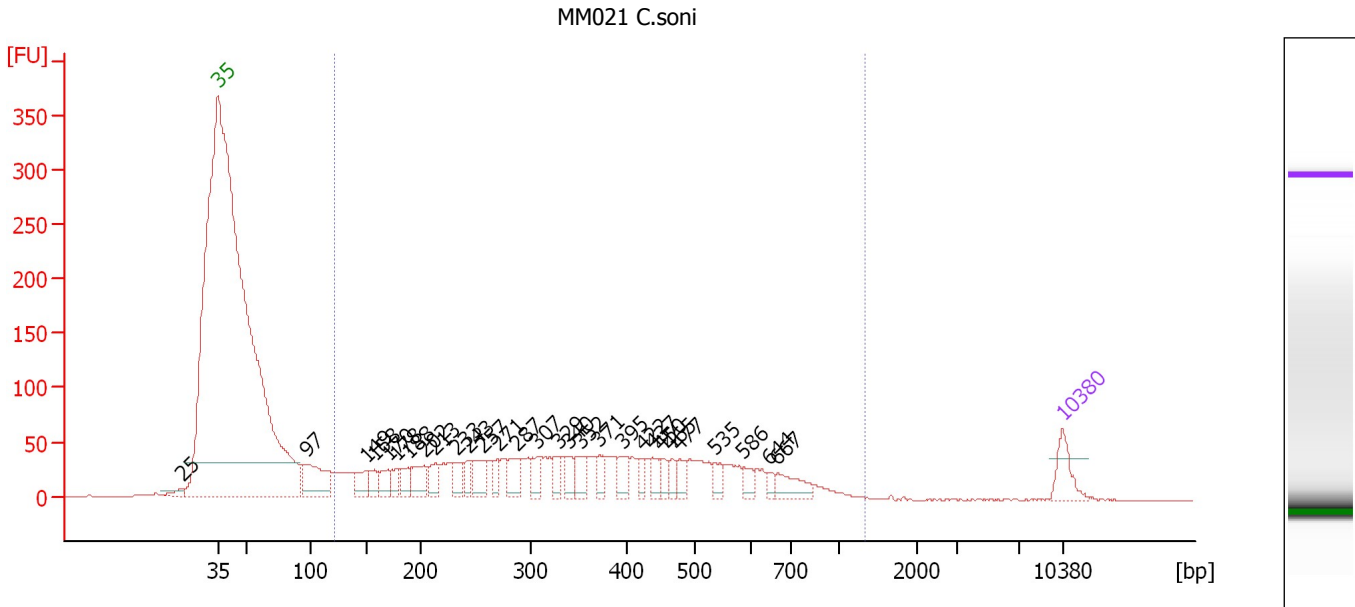
Region table for sample 5 : MM020 C.soni 3

From [bp]	Average Size [bp]	To [bp]	Corr. Area	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
113	413	1,667	8,575.8	88	53.0	8,875.95	48,066.2	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-10-06\2014-10-06_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 6 : MM021 C.soni

Number of peaks found: 29 Corr. Area 1: 1,846.3
 Noise: 0.2

Peak table for sample 6 : MM021 C.soni

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	25	0.00	0.0	
2	35	125.00	5,411.3	Lower Marker
3	97	272.93	4,278.5	
4	149	91.92	932.1	
5	158	67.05	644.3	
6	170	72.48	646.8	
7	178	59.31	506.2	
8	188	70.68	570.5	
9	202	113.14	847.4	
10	213	77.98	554.4	
11	233	67.89	441.0	
12	243	52.13	324.9	
13	257	114.87	676.3	
14	271	54.48	305.0	
15	287	93.24	491.7	
16	307	72.62	358.1	
17	329	51.24	235.9	
18	340	57.67	256.9	
19	352	80.35	345.7	
20	371	54.53	222.5	
21	395	73.54	282.2	
22	422	42.26	151.9	
23	437	53.41	185.1	
24	450	40.39	136.1	
25	465	42.16	137.5	
26	477	52.47	166.6	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-10-06\2014-10-06_001.xad


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Electropherogram Summary Continued ...

... Peak table for sample 6 : MM021 C.soni

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	535	46.99	133.1	
28	586	41.42	107.1	
29	644	27.26	64.1	
30	667	87.40	198.7	
31	10,380	75.00	10.9	Upper Marker

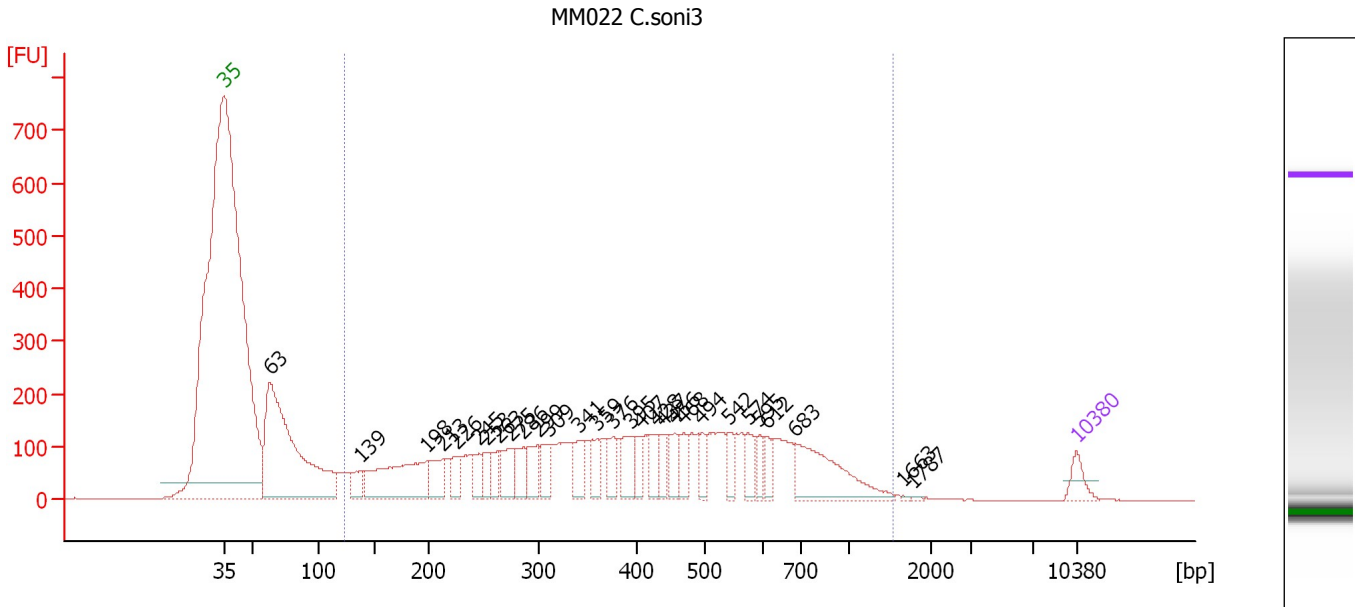
Region table for sample 6 : MM021 C.soni

From [bp]	Average Size [bp]	To [bp]	Corr. Area	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
122	382	1,343	1,846.3	90	46.9	2,887.26	15,927.3	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-10-06\2014-10-06_001.xad

Created: 10/6/2014 11:26:58 AM
 Modified: 10/6/2014 12:09:07 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : MM022 C.soni3

Number of peaks found: 29 Corr. Area 1: 5,677.0
 Noise: 0.2

Peak table for sample 7 : MM022 C.soni3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	63	2,099.23	50,283.7	
3	139	144.93	1,585.5	
4	198	732.04	5,600.7	
5	213	199.68	1,422.9	
6	226	126.40	848.4	
7	245	136.31	841.7	
8	253	123.17	737.8	
9	263	115.25	665.2	
10	275	217.63	1,198.6	
11	286	148.59	786.6	
12	299	194.84	986.3	
13	309	141.49	693.0	
14	341	178.76	793.5	
15	359	145.64	614.1	
16	376	144.71	583.8	
17	395	185.95	713.9	
18	407	96.29	358.6	
19	428	141.08	498.9	
20	437	103.63	359.7	
21	456	124.84	415.0	
22	468	131.74	426.7	
23	494	100.97	309.5	
24	542	101.80	284.8	
25	574	120.15	316.9	
26	595	78.33	199.6	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-10-06\2014-10-06_001.xad

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Modified: 10/6/2014 12:09:07 PM

Electropherogram Summary Continued ...

... Peak table for sample 7 : MM022 C.soni3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	612	81.91	202.7	
28	683	517.38	1,147.0	
29	1,663	4.69	4.3	
30	1,787	5.08	4.3	
31	10,380	75.00	10.9	Upper Marker

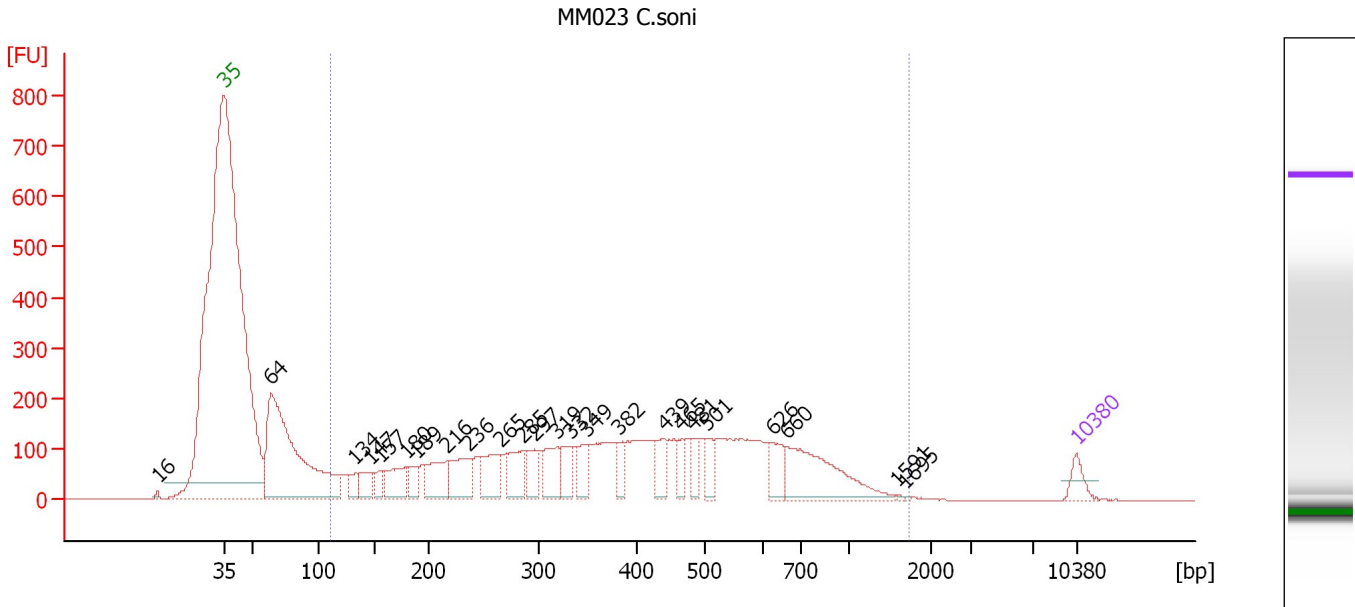
Region table for sample 7 : MM022 C.soni3

From [bp]	Average Size [bp]	To [bp]	Corr. Area	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
124	440	1,538	5,677.0	79	50.2	6,383.54	31,712.1	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-10-06\2014-10-06_001.xad

Created: 10/6/2014 11:26:58 AM
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Electropherogram Summary Continued ...



Overall Results for sample 8 : MM023 C.soni

Number of peaks found: 24 Corr. Area 1: 5,580.0
 Noise: 0.2

Peak table for sample 8 : MM023 C.soni

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	16	0.00	0.0	
2	35	125.00	5,411.3	Lower Marker
3	64	2,094.71	49,386.8	
4	134	109.12	1,237.3	
5	147	147.21	1,512.5	
6	157	105.13	1,015.0	
7	180	283.76	2,389.9	
8	189	139.73	1,120.9	
9	216	308.22	2,161.3	
10	236	321.99	2,064.4	
11	265	283.74	1,624.3	
12	285	250.94	1,334.4	
13	297	166.62	851.3	
14	319	251.17	1,194.0	
15	332	180.19	821.7	
16	349	155.03	673.8	
17	382	114.34	453.0	
18	439	178.05	613.9	
19	465	102.41	333.6	
20	481	102.03	321.7	
21	501	122.62	371.0	
22	626	159.55	386.3	
23	660	599.93	1,377.1	
24	1,591	5.14	4.9	
25	1,695	3.47	3.1	
26	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-10-06\2014-10-06_001.xad

Created: 10/6/2014 11:26:58 AM
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Electropherogram Summary Continued ...

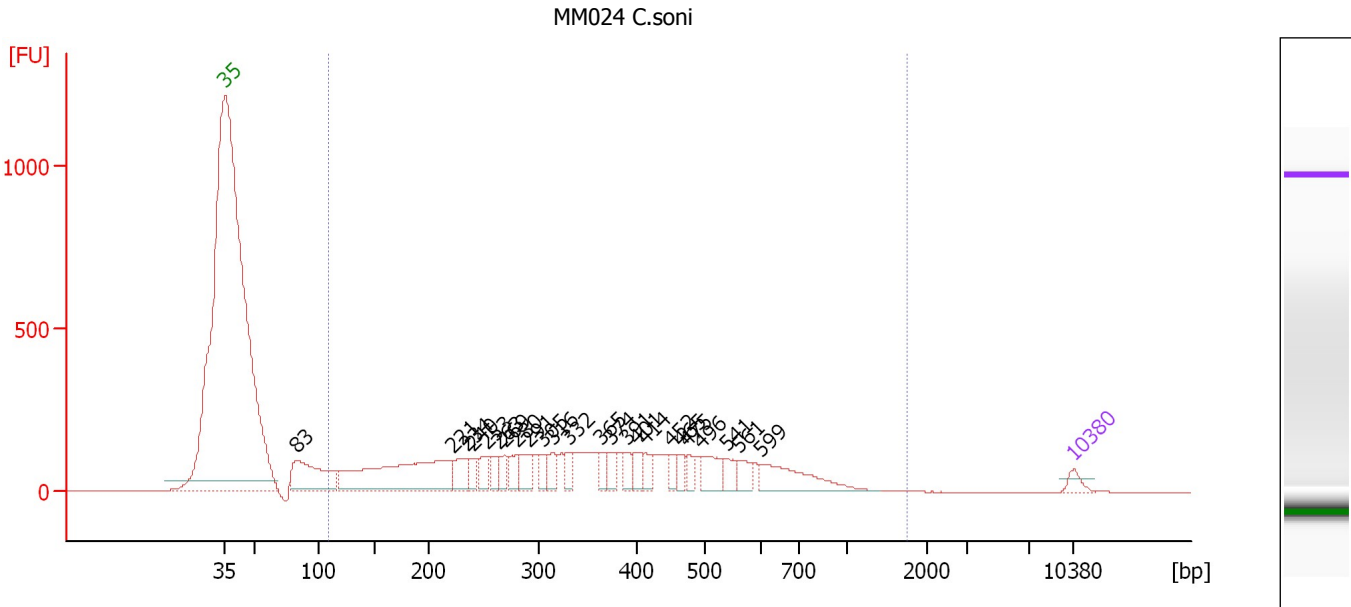
... Region table for sample 8 : MM023 C.soni

From [bp]	Average Size [bp]	To [bp]	Corr. Area	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
111	437	1,743	5,580.0	81	52.6	6,574.00	34,013.6	■

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-10-06\2014-10-06_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 9 : MM024 C.soni

Number of peaks found: 24 Corr. Area 1: 5,673.8
 Noise: 0.1

Peak table for sample 9 : MM024 C.soni


Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	83	1,125.99	20,632.2	
3	221	1,928.50	13,211.6	
4	234	319.65	2,071.0	
5	240	173.49	1,093.2	
6	253	230.29	1,378.4	
7	263	196.30	1,129.6	
8	269	174.28	982.1	
9	280	182.70	988.5	
10	291	262.03	1,365.7	
11	305	167.75	832.0	
12	316	198.29	951.8	
13	332	171.53	782.7	
14	365	130.52	542.0	
15	374	166.85	676.1	
16	391	160.53	621.4	
17	401	165.53	624.7	
18	414	153.59	562.6	
19	452	127.97	429.4	
20	465	117.25	382.4	
21	475	122.29	390.0	
22	496	306.49	936.1	
23	541	162.82	456.0	
24	561	185.83	502.3	
25	599	567.40	1,434.0	
26	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-10-06\2014-10-06_001.xad

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Modified: 10/6/2014 12:09:07 PM

Electropherogram Summary Continued ...

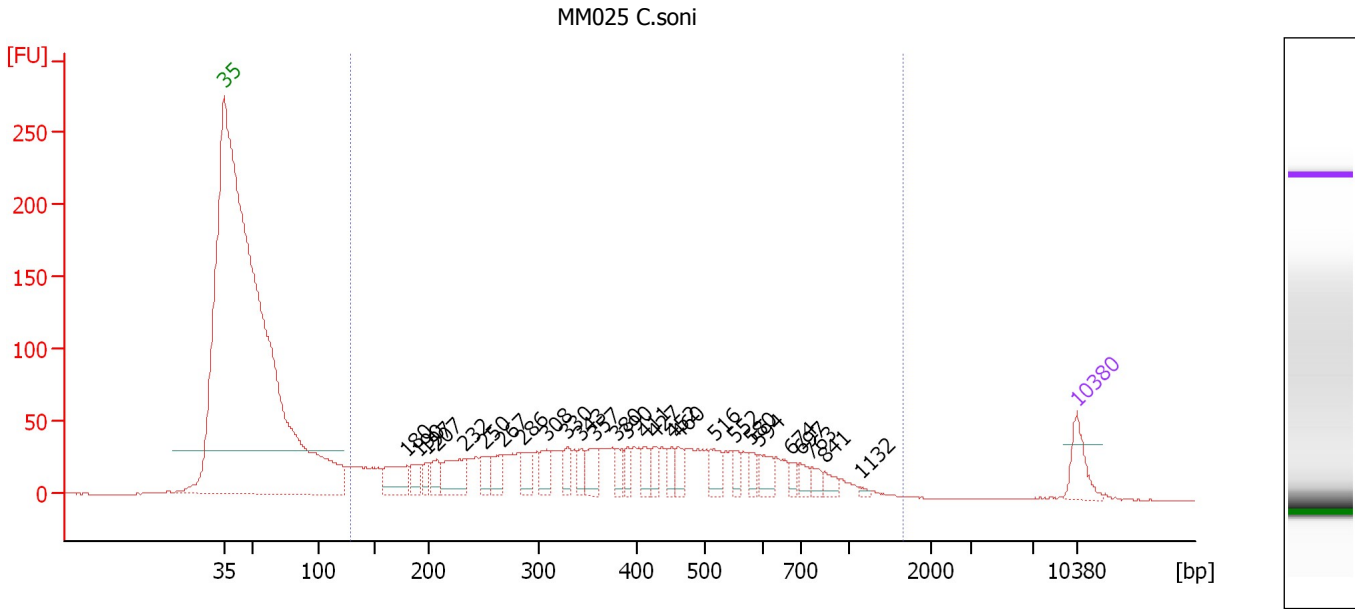
... Region table for sample 9 : MM024 C.soni

From [bp]	Average Size [bp]	To [bp]	Corr. Area	% of Total	Size distribution in CV [%]	Conc. [pg/ μ l]	Molarity [pmol/l]	Color
109	378	1,746	5,673.8	92	48.8	8,442.46	48,226.5	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-10-06\2014-10-06_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 10 : MM025 C.soni

Number of peaks found: 27 Corr. Area 1: 1,603.8
 Noise: 0.2

Peak table for sample 10 : MM025 C.soni

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	180	139.83	1,179.8	
3	190	62.63	499.5	
4	197	41.99	322.3	
5	207	63.36	464.2	
6	232	155.91	1,016.6	
7	250	62.11	375.8	
8	267	81.87	464.7	
9	286	73.86	391.4	
10	308	69.92	344.2	
11	330	55.39	254.7	
12	343	42.91	189.6	
13	357	74.43	315.5	
14	380	46.44	185.3	
15	390	39.97	155.1	
16	411	48.39	178.4	
17	427	44.97	159.6	
18	452	52.25	175.3	
19	460	43.57	143.4	
20	516	68.41	201.0	
21	552	31.69	87.0	
22	580	36.05	94.2	
23	594	64.07	163.3	
24	674	25.92	58.3	
25	697	31.92	69.4	
26	763	28.72	57.0	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-10-06\2014-10-06_001.xad

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Electropherogram Summary Continued ...**... Peak table for sample 10 : MM025 C.soni**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	841	28.52	51.3	
28	1,132	6.76	9.0	
29	▶ 10,380	75.00	10.9	Upper Marker

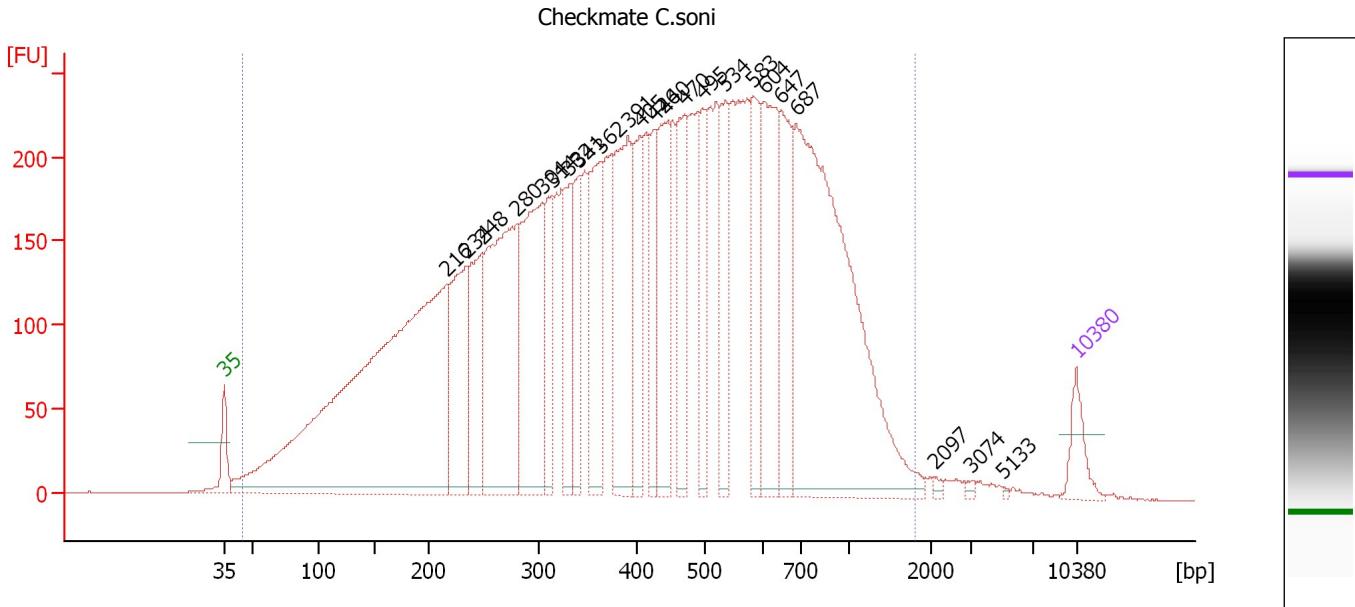
Region table for sample 10 : MM025 C.soni

From [bp]	Average Size [bp]	To [bp]	Corr. Area	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
130	419	1,671	1,603.8	97	50.7	2,693.99	13,828.7	■

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-10-06\2014-10-06_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 11 : Checkmate C.soni

Number of peaks found: 23 Corr. Area 1: 10,689.7
 Noise: 0.1

Peak table for sample 11 : Checkmate C.soni


Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	216	2,728.28	19,135.7	
3	234	505.66	3,272.0	
4	248	361.62	2,207.1	
5	280	967.59	5,236.2	
6	304	685.74	3,423.3	
7	314	234.21	1,131.5	
8	332	233.71	1,068.0	
9	341	249.69	1,109.1	
10	362	417.14	1,743.9	
11	391	522.20	2,023.4	
12	405	290.66	1,087.9	
13	426	200.52	713.7	
14	440	388.06	1,336.0	
15	470	324.86	1,047.7	
16	495	217.06	664.9	
17	534	254.02	720.5	
18	583	294.48	764.7	
19	604	444.56	1,114.9	
20	647	314.64	737.0	
21	687	1,580.35	3,486.6	
22	2,097	8.56	6.2	
23	3,074	7.79	3.8	
24	5,133	3.33	1.0	
25	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-10-06\2014-10-06_001.xad

Created: 10/6/2014 11:26:58 AM
Modified: 10/6/2014 12:09:07 PM

Electropherogram Summary Continued ...

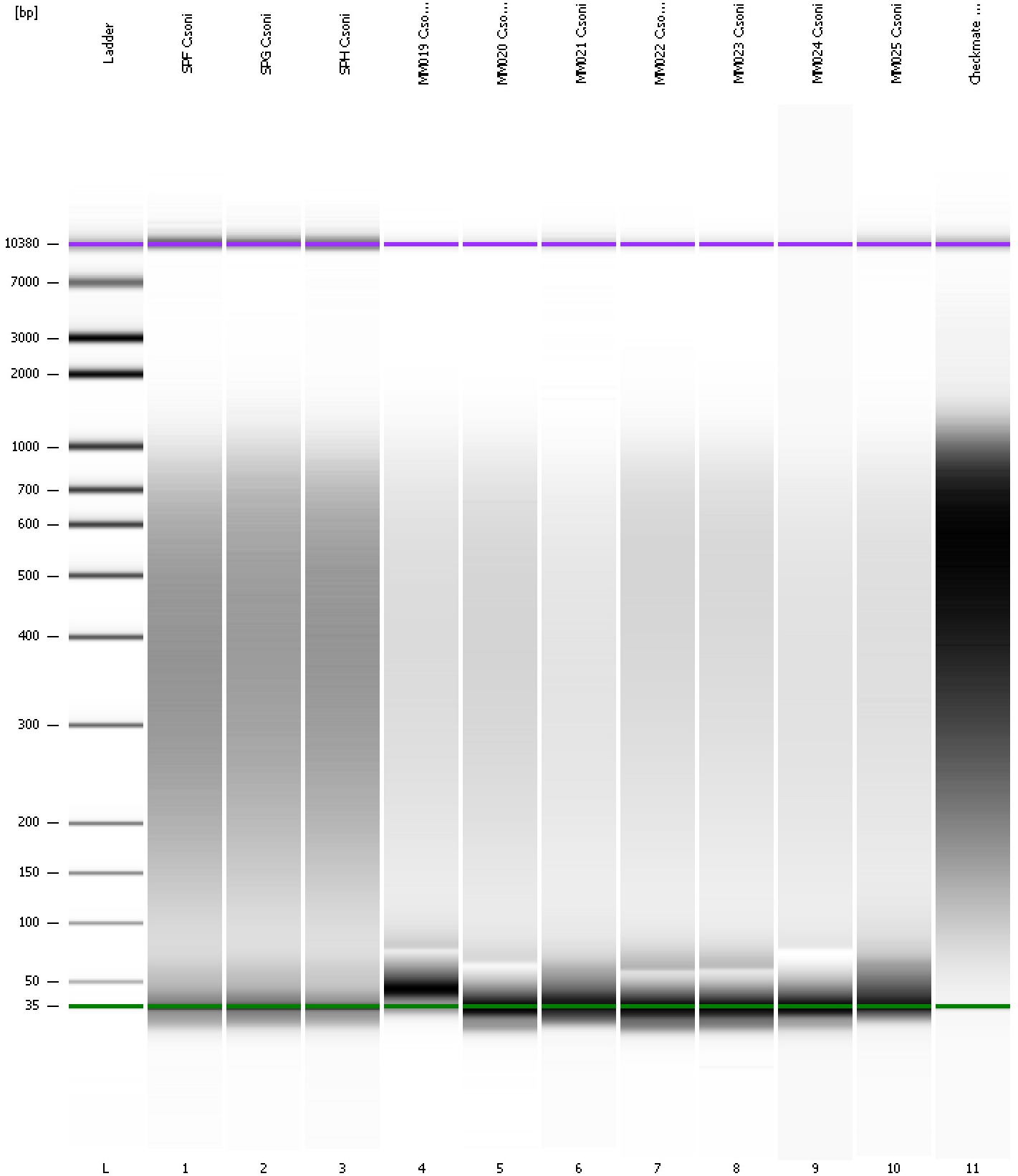
... Region table for sample 11 : Checkmate C.soni

From [bp]	Average Size [bp]	To [bp]	Corr. Area	% of Total	Size distribution in CV [%]	Conc. [pg/ μ l]	Molarity [pmol/l]	Color
45	466	1,817	10,689.7	99	56.4	14,155.15	78,745.0	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-10-06\2014-10-06_001.xad

Created: 10/6/2014 11:26:58 AM
Modified: 10/6/2014 12:09:07 PM

Gel Image

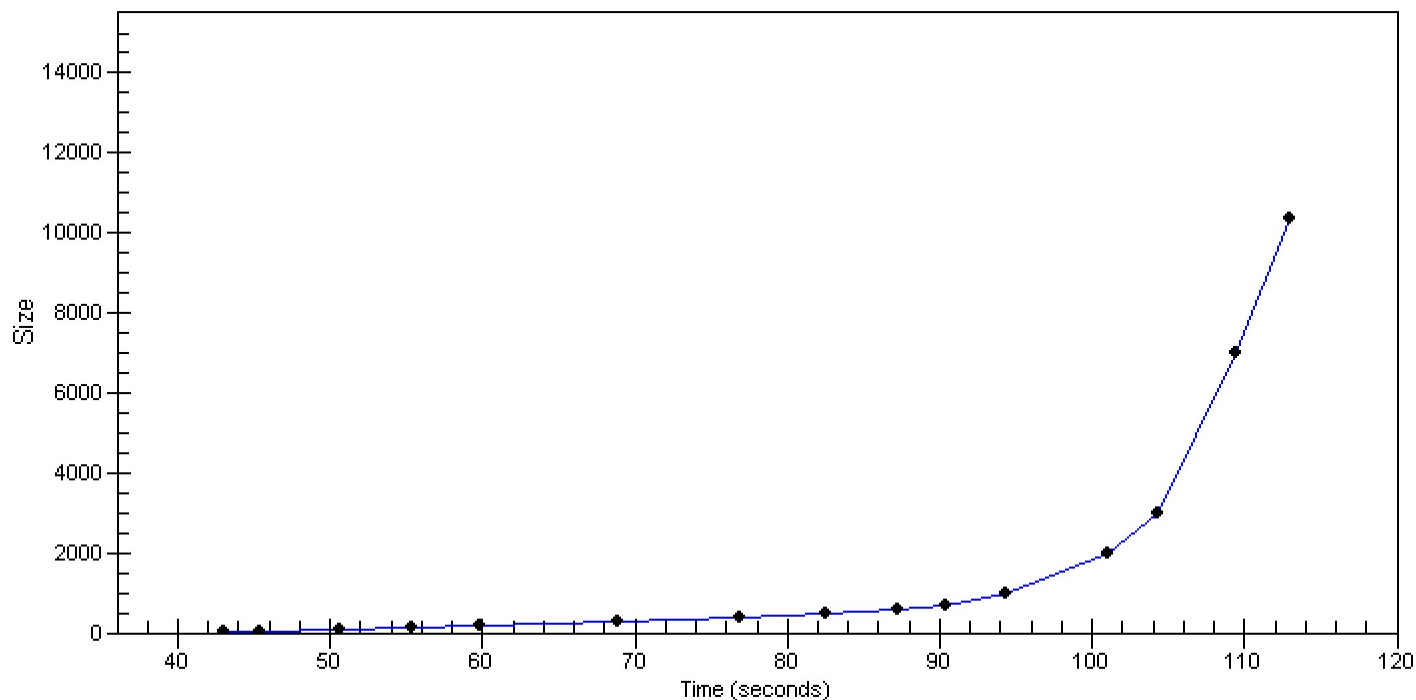


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-10-06\2014-10-06_001.xad

Created: 10/6/2014 11:26:58 AM
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Curves

Standard Curve



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-10-06\2014-10-06_001.xad

Created: 10/6/2014 11:26:58 AM
 Modified: 10/6/2014 12:09:07 PM

Run Logbook

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run ended on port 1 (Number of wells acquired: 12)		Instrument	Run		10/6/2014 12:08:17 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Documents and Settings\Bioanalyzer\2014-10-06\2014-10-06_001.xad)		Instrument	Run		10/6/2014 11:27:03 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938B		Instrument	Run		10/6/2014 11:27:03 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		10/6/2014 11:27:03 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		10/6/2014 11:27:03 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE13701086		Instrument	Run		10/6/2014 11:27:03 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		10/6/2014 11:27:03 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		10/6/2014 11:27:03 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1