

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-27\2018-03-27\_005.xad

Created: 3/27/2018 3:20:23 PM  
Modified: 3/27/2018 4:01:43 PM

**Electrophoresis File Run Summary**

Instrument Information:

Instrument Name: DE34903152      Firmware: C.01.069  
Serial#: DE34903152      Type: G2938C

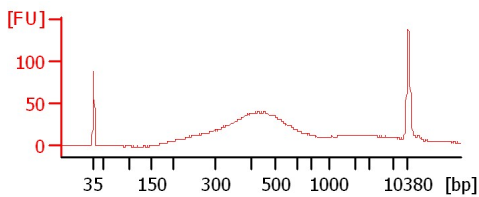
Assay Information:

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

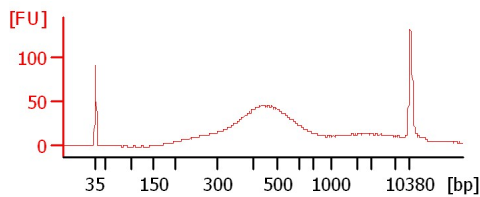
Chip Information:

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

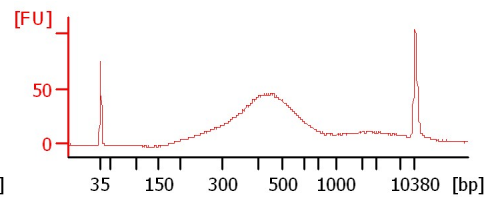
**BSC 738 SS lib (0.65XI/0.55XR)**



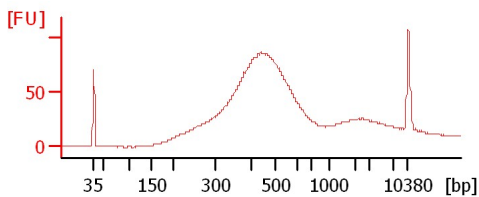
**BSC 1136 SS lib (0.65XI/0.55XR)**



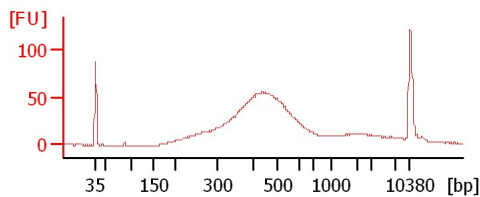
**BSC 1406 SS lib (0.65XI/0.55XR)**



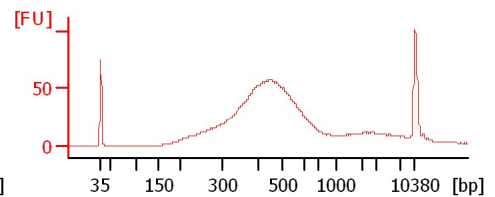
**BSC 1711 SS lib (0.65XI/0.55XR)**



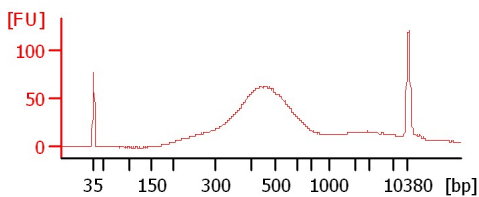
**BSC 1815 SS lib (0.65XI/0.55XR)**



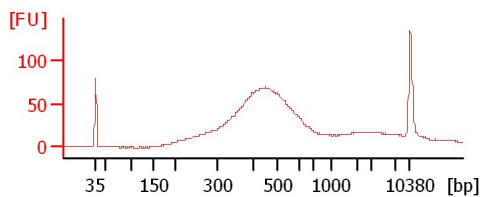
**BSC 4687 SS lib (0.65XI/0.55XR)**



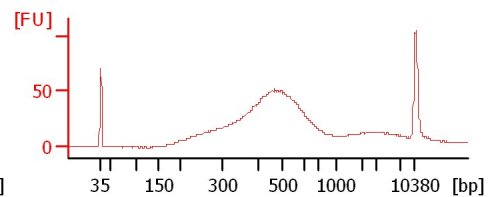
**BSC 4852 SS lib (0.65XI/0.55XR)**



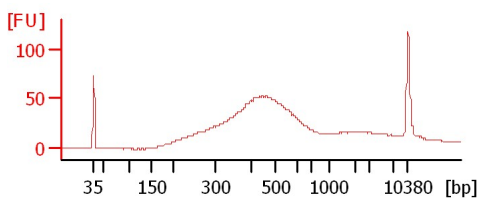
**BSC 5020 SS lib (0.65XI/0.55XR)**



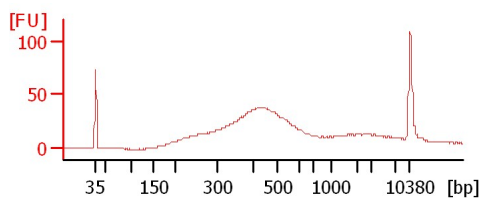
**BSC 5075 SS lib (0.65XI/0.55XR)**



**BSC 5214 SS lib (0.65XI/0.55XR)**



**BSC 754 SS lib (0.65XI/0.55XR)**



Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-27\2018-03-27\_005.xad

Created: 3/27/2018 3:20:23 PM  
Modified: 3/27/2018 4:01:43 PM

**Electrophoresis File Run Summary (Chip Summary)**

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
BSC 738 SS lib (0.65XI/0.55XR)		<input type="checkbox"/>	✓			
BSC 1136 SS lib (0.65XI/0.55XR)		<input type="checkbox"/>	✓			
BSC 1406 SS lib (0.65XI/0.55XR)		<input type="checkbox"/>	✓			
BSC 1711 SS lib (0.65XI/0.55XR)		<input type="checkbox"/>	✓			
BSC 1815 SS lib (0.65XI/0.55XR)		<input type="checkbox"/>	✓			
BSC 4687 SS lib (0.65XI/0.55XR)		<input type="checkbox"/>	✓			
BSC 4852 SS lib (0.65XI/0.55XR)		<input type="checkbox"/>	✓			
BSC 5020 SS lib (0.65XI/0.55XR)		<input type="checkbox"/>	✓			
BSC 5075 SS lib (0.65XI/0.55XR)		<input type="checkbox"/>	✓			
BSC 5214 SS lib (0.65XI/0.55XR)		<input type="checkbox"/>	✓			
BSC 754 SS lib (0.65XI/0.55XR)		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

**Chip Lot #**

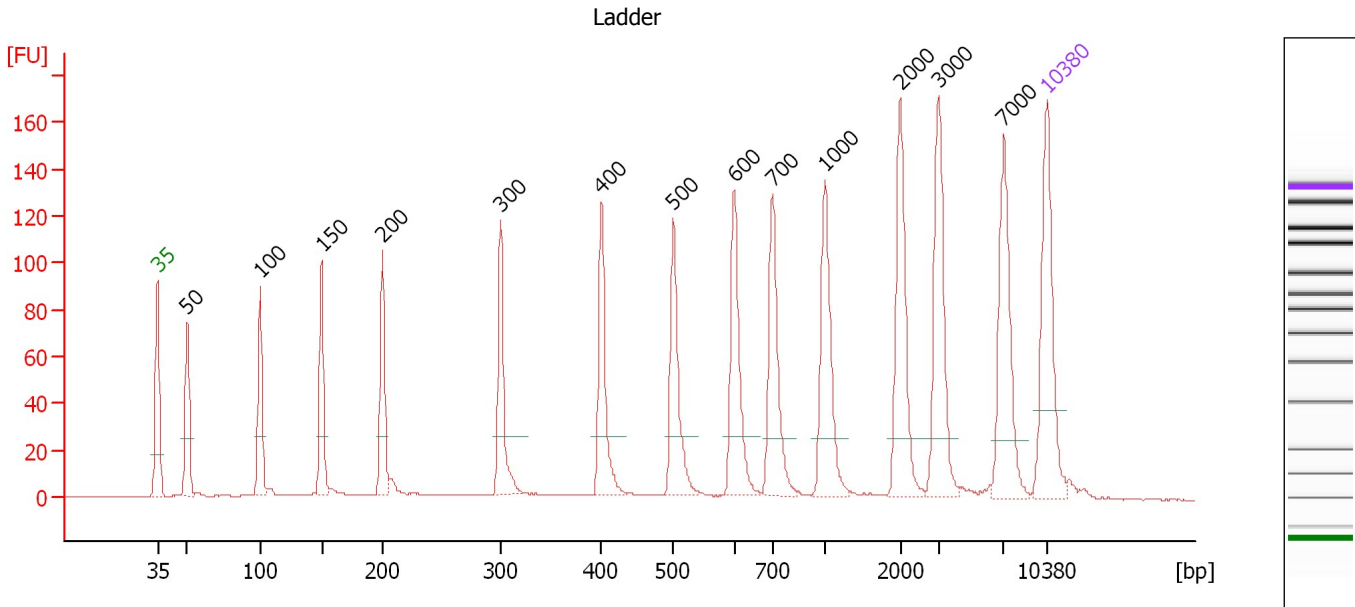
**Reagent Kit Lot #**

**Chip Comments :**

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-27\2018-03-27\_005.xad

Created: 3/27/2018 3:20:23 PM  
 Modified: 3/27/2018 4:01:43 PM

**Electropherogram Summary**



**Overall Results for Ladder**

Noise: 0.3

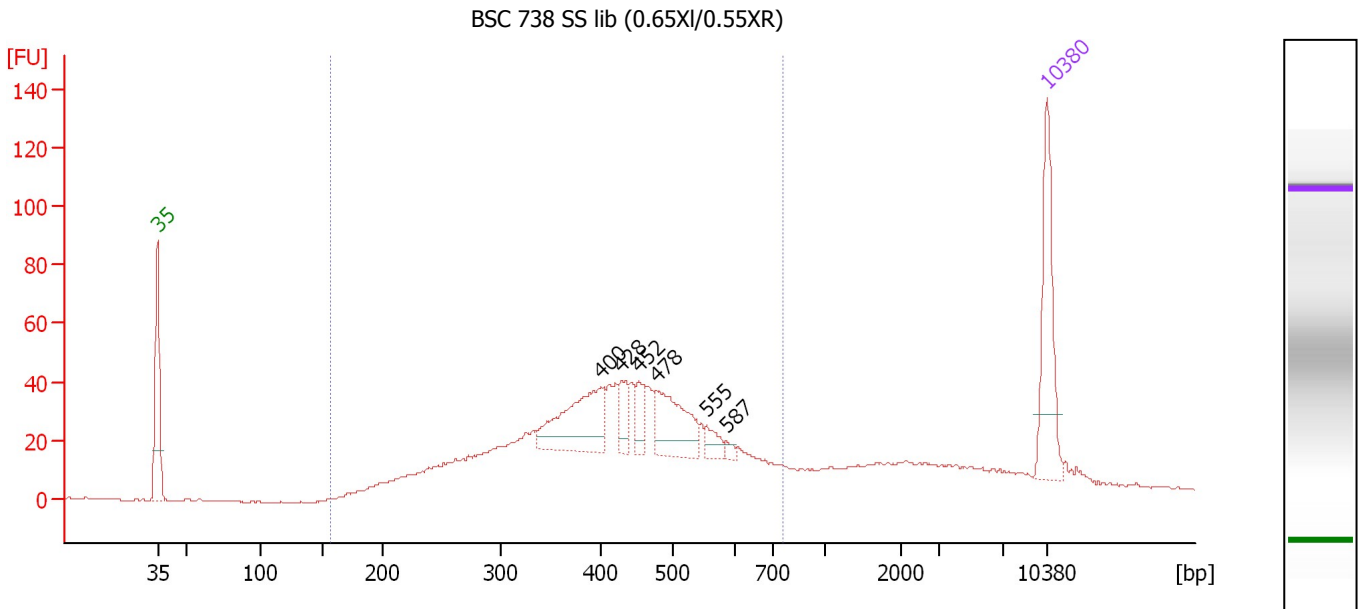
**Peak table for Ladder**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	50	150.00	4,545.5	Ladder Peak	45.33
3	100	150.00	2,272.7	Ladder Peak	51.07
4	150	150.00	1,515.2	Ladder Peak	55.92
5	200	150.00	1,136.4	Ladder Peak	60.67
6	300	150.00	757.6	Ladder Peak	70.00
7	400	150.00	568.2	Ladder Peak	77.93
8	500	150.00	454.5	Ladder Peak	83.57
9	600	150.00	378.8	Ladder Peak	88.38
10	700	150.00	324.7	Ladder Peak	91.41
11	1,000	150.00	227.3	Ladder Peak	95.51
12	2,000	150.00	113.6	Ladder Peak	101.43
13	3,000	150.00	75.8	Ladder Peak	104.47
14	7,000	150.00	32.5	Ladder Peak	109.60
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-27\2018-03-27\_005.xad

Created: 3/27/2018 3:20:23 PM  
 Modified: 3/27/2018 4:01:43 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 1 : BSC 738 SS lib (0.65XI/0.55XR)**

Number of peaks found: 6                      Corr. Area 1: 929.2  
 Noise: 0.3

**Peak table for sample 1 : BSC 738 SS lib (0.65XI/0.55XR)**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	400	104.29	394.6		77.95
3	428	25.03	88.6		79.52
4	452	24.39	81.7		80.89
5	478	77.30	244.8		82.36
6	555	15.33	41.9		86.19
7	587	5.20	13.4		87.76
8	10,380	75.00	10.9	Upper Marker	113.00

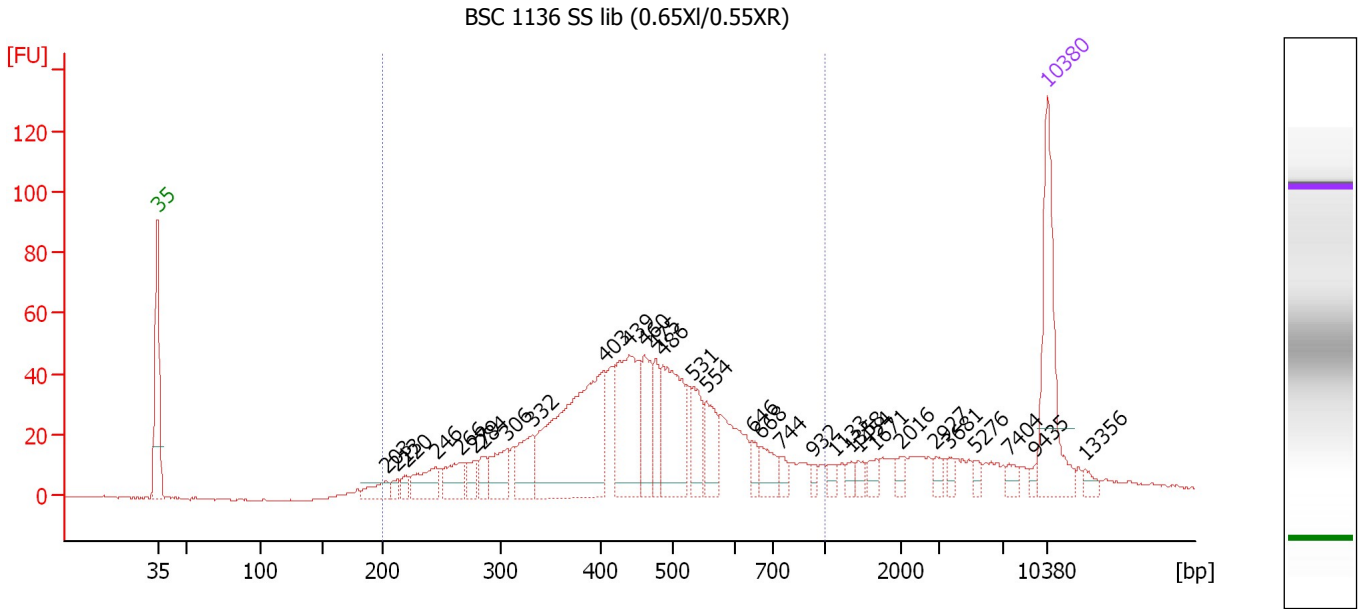
**Region table for sample 1 : BSC 738 SS lib (0.65XI/0.55XR)**

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]
157	754	422	929.2	945.62	3,845.2	80	27.3

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-27\2018-03-27\_005.xad

Created: 3/27/2018 3:20:23 PM  
 Modified: 3/27/2018 4:01:43 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 2 : BSC 1136 SS lib (0.65XI/0.55XR)**

Number of peaks found: 31                      Corr. Area 1: 1,009.7  
 Noise: 0.2

**Peak table for sample 2 : BSC 1136 SS lib (0.65XI/0.55XR)**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	203	17.64	131.4		60.99
3	213	7.14	50.9		61.84
4	220	7.59	52.2		62.56
5	246	31.63	195.0		64.94
6	266	28.37	161.5		66.84
7	279	15.48	84.1		68.03
8	284	15.05	80.2		68.55
9	306	34.85	172.4		70.51
10	332	38.47	175.8		72.50
11	403	195.65	735.0		78.12
12	439	102.18	352.8		80.12
13	460	44.52	146.7		81.31
14	475	29.43	93.9		82.16
15	486	88.69	276.5		82.78
16	531	31.24	89.1		85.07
17	554	31.39	85.9		86.16
18	646	10.68	25.0		89.78
19	668	20.16	45.7		90.44
20	744	8.04	16.4		92.01
21	932	5.21	8.5		94.58
22	1,133	6.37	8.5		96.30
23	1,358	5.35	6.0		97.63
24	1,454	6.55	6.8		98.20
25	1,671	7.37	6.7		99.49

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-27\2018-03-27\_005.xad


Created: 3/27/2018 3:20:23 PM  
 Modified: 3/27/2018 4:01:43 PM

**Electropherogram Summary Continued ...**

**... Peak table for sample 2 : BSC 1136 SS lib (0.65XI/0.55XR)**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	2,016	7.42	5.6		101.48
27	2,927	6.79	3.5		104.24
28	3,681	5.18	2.1		105.34
29	5,276	4.33	1.2		107.38
30	7,404	6.12	1.3		110.00
31	9,435	3.37	0.5		112.05
32	10,380	75.00	10.9	Upper Marker	113.00
33	13,356	0.00	0.0		116.00

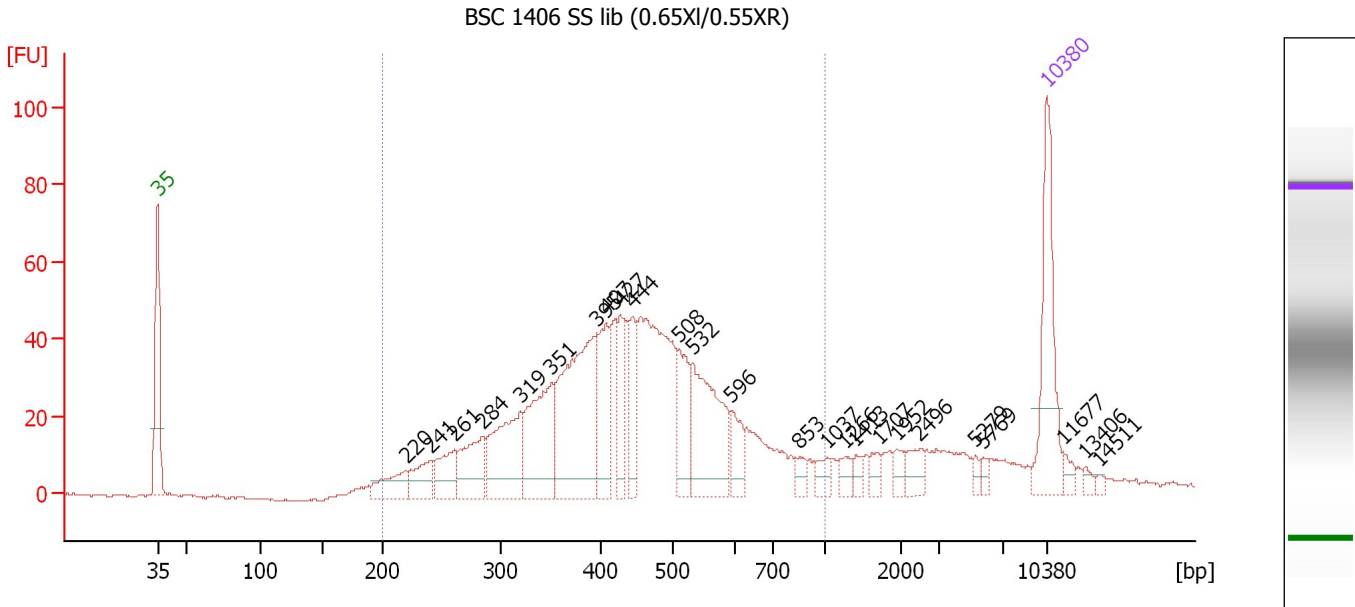
**Region table for sample 2 : BSC 1136 SS lib (0.65XI/0.55XR)**

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	460	1,009.7	880.36	3,310.0	 81	30.9

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-27\2018-03-27\_005.xad

Created: 3/27/2018 3:20:23 PM  
 Modified: 3/27/2018 4:01:43 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 3 : BSC 1406 SS lib (0.65XI/0.55XR)**

Number of peaks found: 25                      Corr. Area 1: 1,044.2  
 Noise: 0.3

**Peak table for sample 3 : BSC 1406 SS lib (0.65XI/0.55XR)**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	220	38.19	262.9		62.54
3	241	34.06	214.3		64.48
4	261	42.38	246.0		66.37
5	284	59.05	314.7		68.54
6	319	99.10	470.1		71.54
7	351	103.72	448.3		74.01
8	395	179.95	690.1		77.54
9	407	64.69	240.9		78.31
10	427	42.01	149.2		79.43
11	444	41.03	140.1		80.39
12	508	49.74	148.3		83.97
13	532	111.57	318.0		85.09
14	596	25.03	63.6		88.18
15	853	9.88	17.5		93.50
16	1,037	10.82	15.8		95.73
17	1,266	10.39	12.4		97.08
18	1,413	7.23	7.8		97.96
19	1,707	8.72	7.7		99.70
20	1,952	8.46	6.6		101.15
21	2,496	14.43	8.8		102.94
22	5,279	4.80	1.4		107.39
23	5,769	4.70	1.2		108.02
24	10,380	75.00	10.9	Upper Marker	113.00
25	11,677	0.00	0.0		114.31


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-27\2018-03-27\_005.xad

Created: 3/27/2018 3:20:23 PM  
Modified: 3/27/2018 4:01:43 PM

**Electropherogram Summary Continued ...****... Peak table for sample 3 : BSC 1406 SS lib (0.65XI/0.55XR)**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	13,406	0.00	0.0		116.05
27	14,511	0.00	0.0		117.16

**Region table for sample 3 : BSC 1406 SS lib (0.65XI/0.55XR)**

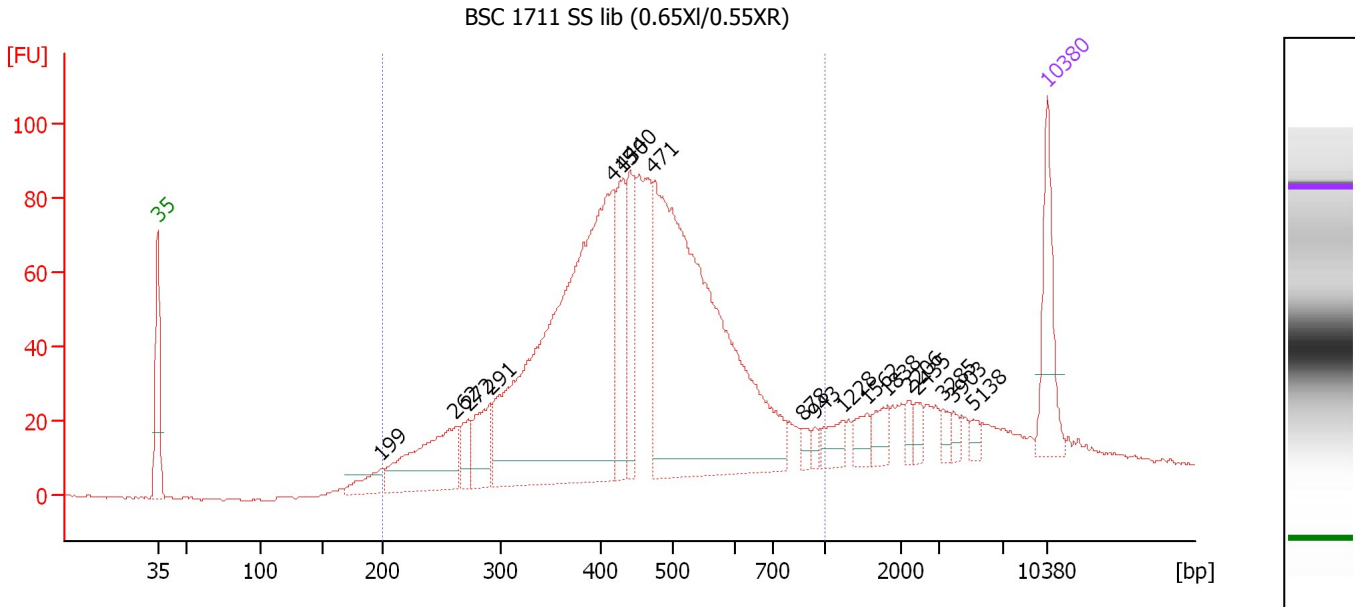
From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	450	1,044.2	1,183.20	4,526.9	 82	30.8



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-27\2018-03-27\_005.xad

Created: 3/27/2018 3:20:23 PM  
 Modified: 3/27/2018 4:01:43 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 4 : BSC 1711 SS lib (0.65XI/0.55XR)**

Number of peaks found: 18                      Corr. Area 1: 1,796.6  
 Noise: 0.4

**Peak table for sample 4 : BSC 1711 SS lib (0.65XI/0.55XR)**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	199	36.03	273.7		60.62
3	262	173.93	1,007.5		66.42
4	272	38.30	213.2		67.41
5	291	74.20	386.0		69.19
6	415	814.88	2,973.1		78.79
7	430	117.55	414.0		79.63
8	440	105.24	362.5		80.18
9	471	790.98	2,542.2		81.96
10	878	11.31	19.5		93.84
11	943	8.74	14.0		94.73
12	1,228	25.22	31.1		96.86
13	1,562	21.81	21.2		98.84
14	1,838	21.72	17.9		100.48
15	2,206	11.60	8.0		102.06
16	2,435	12.74	7.9		102.75
17	3,285	10.77	5.0		104.83
18	3,903	9.30	3.6		105.62
19	5,138	9.72	2.9		107.21
20	10,380	75.00	10.9	Upper Marker	113.00

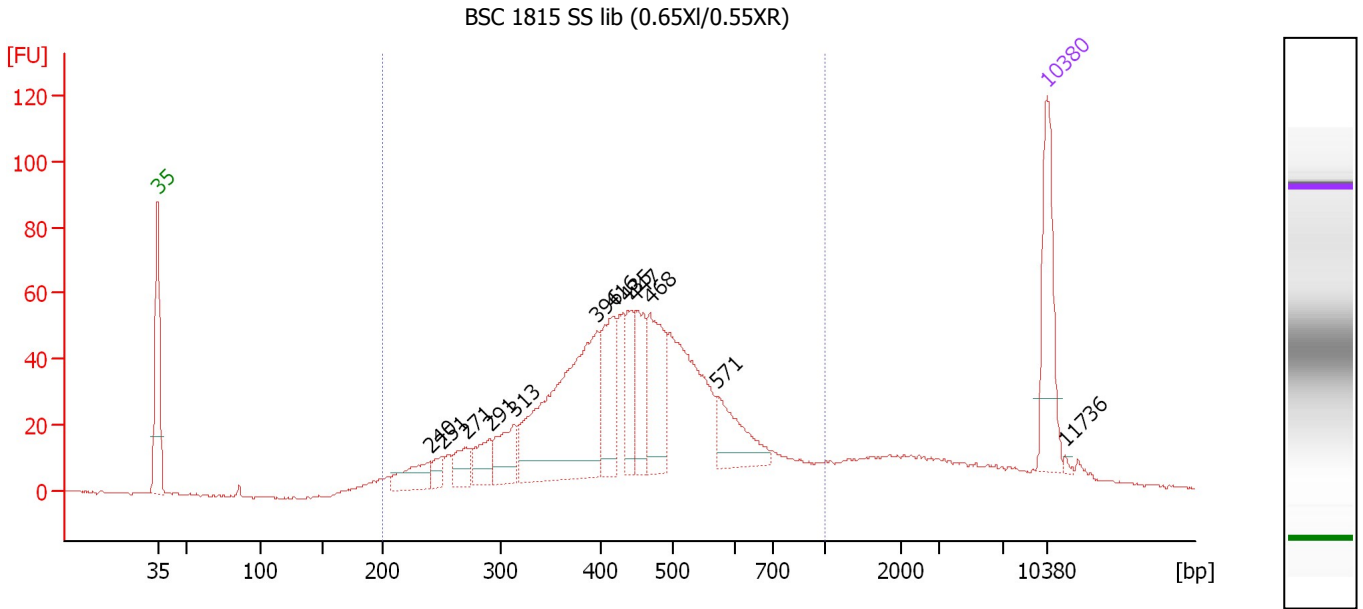
**Region table for sample 4 : BSC 1711 SS lib (0.65XI/0.55XR)**

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	456	1,796.6	2,500.36	9,395.0	82	29.9

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-27\2018-03-27\_005.xad

Created: 3/27/2018 3:20:23 PM  
 Modified: 3/27/2018 4:01:43 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 5 : BSC 1815 SS lib (0.65XI/0.55XR)**

Number of peaks found: 12                      Corr. Area 1: 1,188.1  
 Noise: 0.4

**Peak table for sample 5 : BSC 1815 SS lib (0.65XI/0.55XR)**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	240	41.35	260.6		64.45
3	251	16.76	101.3		65.41
4	271	28.93	161.9		67.28
5	291	34.50	179.7		69.15
6	313	48.21	233.0		71.07
7	396	270.83	1,036.8		77.60
8	416	73.94	269.6		78.81
9	435	53.58	186.5		79.92
10	447	62.29	211.2		80.58
11	468	90.54	293.4		81.74
12	571	60.56	160.6		87.00
13	10,380	75.00	10.9	Upper Marker	113.00
14	11,736	0.00	0.0		114.37

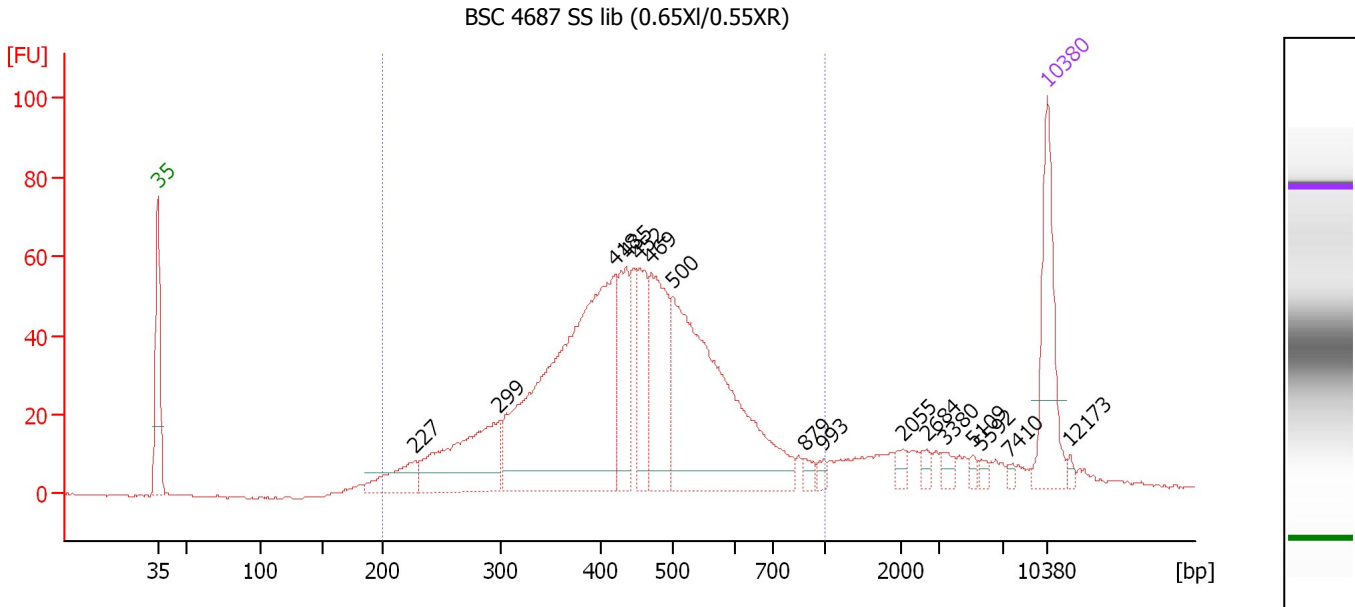
**Region table for sample 5 : BSC 1815 SS lib (0.65XI/0.55XR)**

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	452	1,188.1	1,278.55	4,855.9	83	30.1

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-27\2018-03-27\_005.xad

Created: 3/27/2018 3:20:23 PM  
 Modified: 3/27/2018 4:01:43 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 6 : BSC 4687 SS lib (0.65XI/0.55XR)**

Number of peaks found: 16                      Corr. Area 1: 1,252.8  
 Noise: 0.2

**Peak table for sample 6 : BSC 4687 SS lib (0.65XI/0.55XR)**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	227	46.07	307.1		63.22
3	299	151.59	769.1		69.88
4	418	466.97	1,692.0		78.95
5	435	77.22	269.2		79.88
6	452	68.45	229.5		80.86
7	469	123.70	399.3		81.84
8	500	343.84	1,043.0		83.55
9	879	7.73	13.3		93.86
10	993	5.93	9.0		95.41
11	2,055	7.89	5.8		101.60
12	2,684	6.90	3.9		103.51
13	3,380	8.37	3.8		104.95
14	5,109	4.24	1.3		107.17
15	5,592	4.64	1.3		107.79
16	7,410	3.41	0.7		110.01
17	10,380	75.00	10.9	Upper Marker	113.00
18	12,173	0.00	0.0		114.81

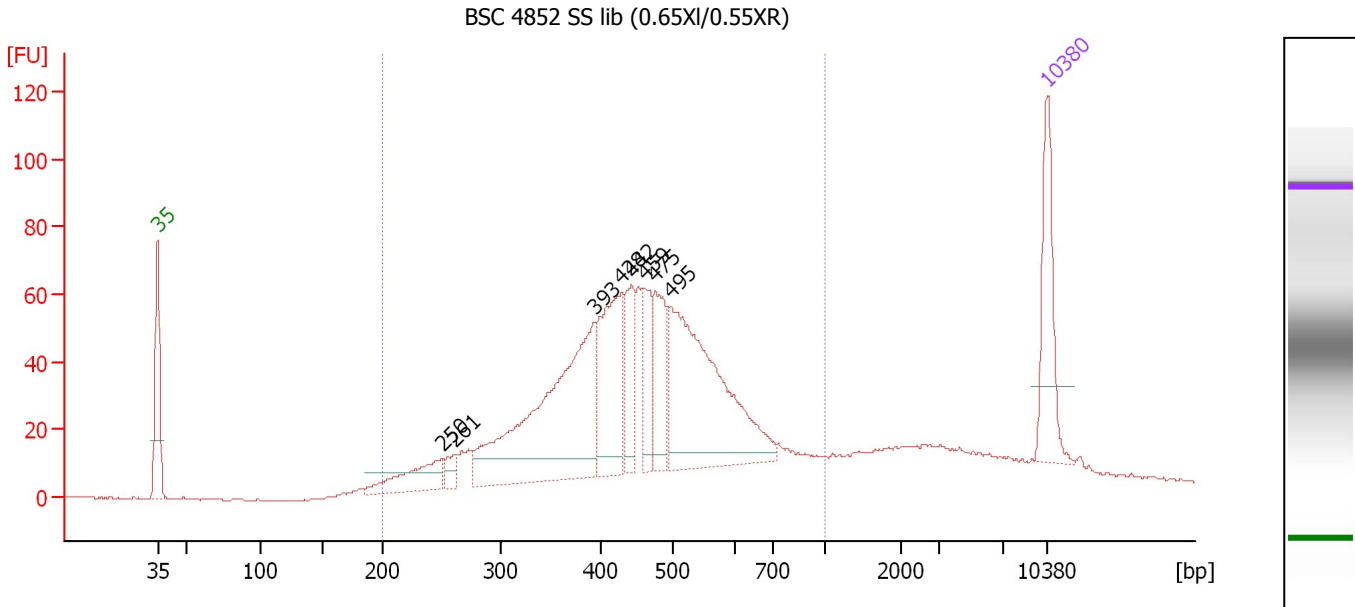
**Region table for sample 6 : BSC 4687 SS lib (0.65XI/0.55XR)**

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	450	1,252.8	1,437.67	5,476.2	84	29.8

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-27\2018-03-27\_005.xad

Created: 3/27/2018 3:20:23 PM  
 Modified: 3/27/2018 4:01:43 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 7 : BSC 4852 SS lib (0.65XI/0.55XR)**

Number of peaks found: 8                      Corr. Area 1: 1,298.8  
 Noise: 0.2

**Peak table for sample 7 : BSC 4852 SS lib (0.65XI/0.55XR)**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	250	69.94	423.5		65.36
3	261	20.74	120.5		66.35
4	393	335.76	1,295.7		77.35
5	428	144.14	510.6		79.49
6	442	59.97	205.8		80.28
7	459	58.21	192.1		81.27
8	475	80.65	257.3		82.16
9	495	301.48	922.0		83.31
10	10,380	75.00	10.9	Upper Marker	113.00

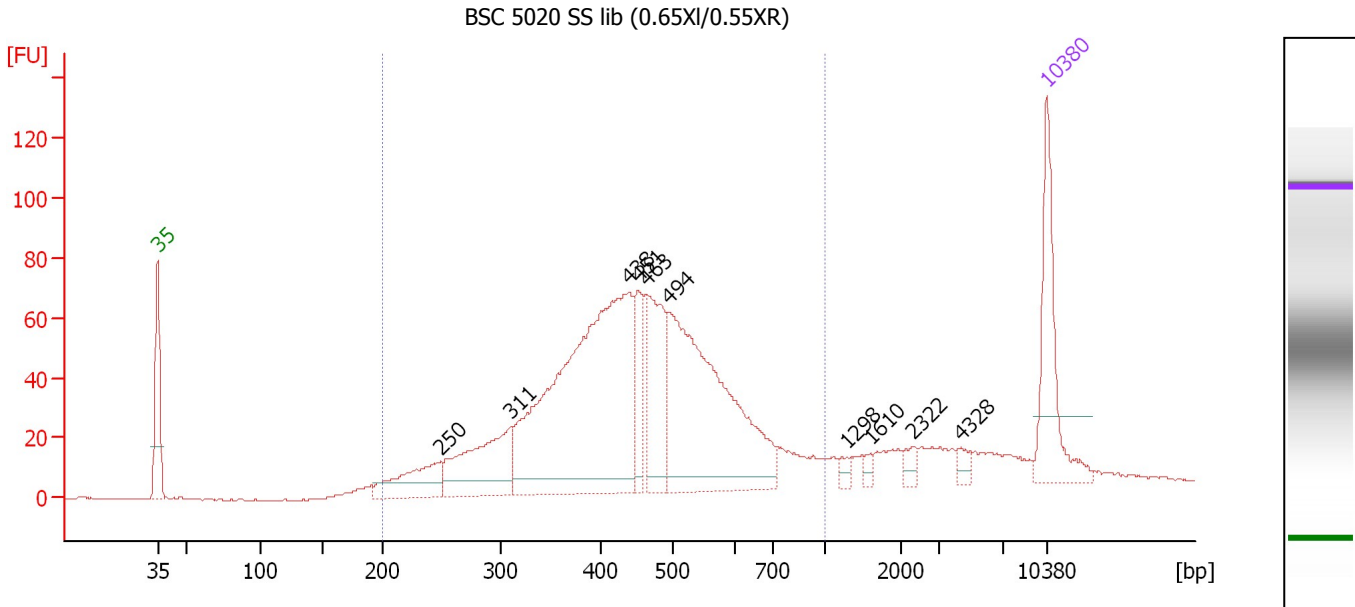
**Region table for sample 7 : BSC 4852 SS lib (0.65XI/0.55XR)**

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	461	1,298.8	1,473.48	5,484.7	81	29.9

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-27\2018-03-27\_005.xad

Created: 3/27/2018 3:20:23 PM  
 Modified: 3/27/2018 4:01:43 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 8 : BSC 5020 SS lib (0.65XI/0.55XR)**

Number of peaks found: 10                      Corr. Area 1: 1,443.7  
 Noise: 0.3

**Peak table for sample 8 : BSC 5020 SS lib (0.65XI/0.55XR)**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	250	66.06	401.2		65.29
3	311	117.47	572.8		70.85
4	438	451.31	1,561.8		80.07
5	451	49.78	167.2		80.81
6	463	103.79	339.5		81.49
7	494	305.37	936.3		83.24
8	1,298	6.07	7.1		97.27
9	1,610	6.30	5.9		99.13
10	2,322	9.11	5.9		102.41
11	4,328	7.61	2.7		106.17
12	10,380	75.00	10.9	Upper Marker	113.00

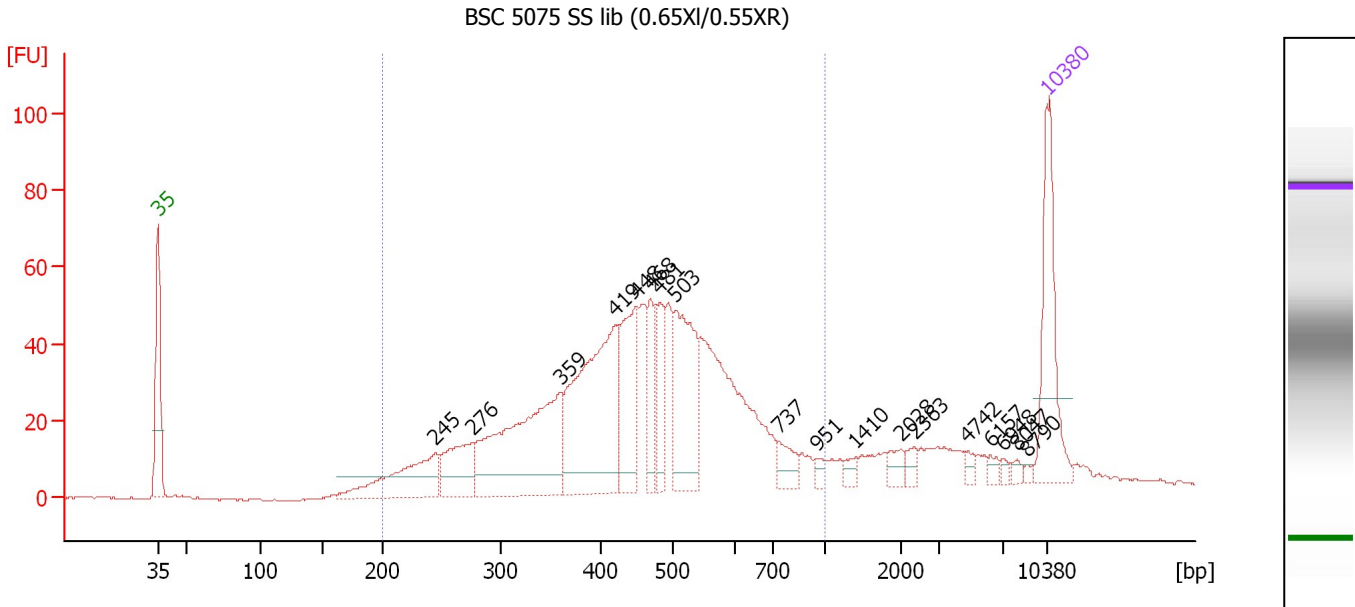
**Region table for sample 8 : BSC 5020 SS lib (0.65XI/0.55XR)**

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	458	1,443.7	1,198.20	4,483.1	81	30.0

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-27\2018-03-27\_005.xad

Created: 3/27/2018 3:20:23 PM  
 Modified: 3/27/2018 4:01:43 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 9 : BSC 5075 SS lib (0.65XI/0.55XR)**

Number of peaks found: 18                      Corr. Area 1: 1,131.3  
 Noise: 0.2

**Peak table for sample 9 : BSC 5075 SS lib (0.65XI/0.55XR)**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	245	92.56	573.3		64.84
3	276	60.55	332.9		67.72
4	359	197.94	835.9		74.66
5	419	204.15	738.7		78.99
6	448	84.04	284.2		80.64
7	468	44.38	143.7		81.76
8	481	43.64	137.4		82.51
9	503	115.87	348.7		83.74
10	737	19.19	39.5		91.91
11	951	6.17	9.8		94.85
12	1,410	7.14	7.7		97.94
13	2,028	10.01	7.5		101.52
14	2,363	6.81	4.4		102.53
15	4,742	5.33	1.7		106.70
16	6,157	5.00	1.2		108.51
17	6,948	3.20	0.7		109.53
18	8,047	3.68	0.7		110.65
19	8,790	2.31	0.4		111.40
20	10,380	75.00	10.9	Upper Marker	113.00

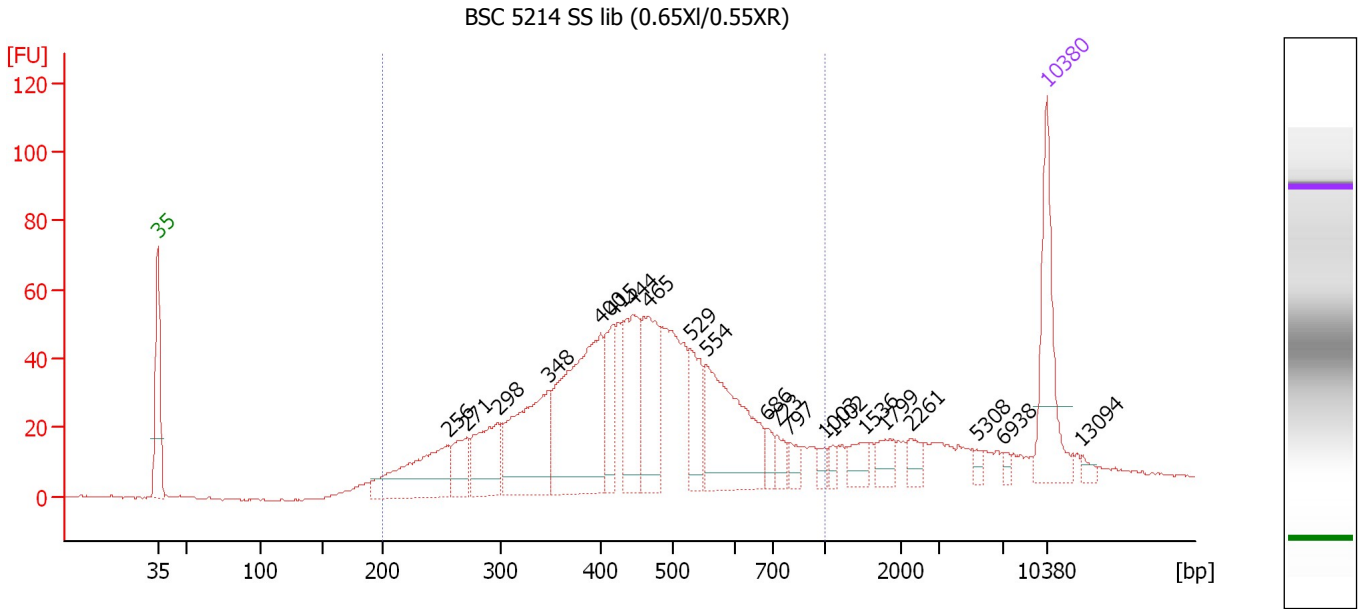
**Region table for sample 9 : BSC 5075 SS lib (0.65XI/0.55XR)**

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	463	1,131.3	1,225.75	4,607.0	80	30.9

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-27\2018-03-27\_005.xad

Created: 3/27/2018 3:20:23 PM  
 Modified: 3/27/2018 4:01:43 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 10 : BSC 5214 SS lib (0.65XI/0.55XR)**

Number of peaks found: 21                      Corr. Area 1: 1,229.1  
 Noise: 0.3

**Peak table for sample 10 : BSC 5214 SS lib (0.65XI/0.55XR)**


Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	256	111.40	659.7		65.89
3	271	42.07	235.3		67.28
4	298	76.64	389.1		69.85
5	348	139.80	608.4		73.82
6	400	208.34	790.1		77.89
7	415	45.63	166.8		78.75
8	444	88.42	301.8		80.41
9	465	98.63	321.5		81.59
10	529	50.51	144.6		84.97
11	554	142.05	388.8		86.15
12	686	13.30	29.4		90.97
13	723	14.46	30.3		91.72
14	797	12.17	23.1		92.74
15	1,003	7.17	10.8		95.53
16	1,102	7.28	10.0		96.12
17	1,536	17.84	17.6		98.69
18	1,799	16.42	13.8		100.24
19	2,261	12.92	8.7		102.23
20	5,308	5.00	1.4		107.43
21	6,938	4.42	1.0		109.52
22	10,380	75.00	10.9	Upper Marker	113.00
23	13,094	0.00	0.0		115.73

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-27\2018-03-27\_005.xad

Created: 3/27/2018 3:20:23 PM  
Modified: 3/27/2018 4:01:43 PM

**Electropherogram Summary Continued ...**

... Region table for sample 10 : **BSC 5214 SS lib (0.65XI/0.55XR)**

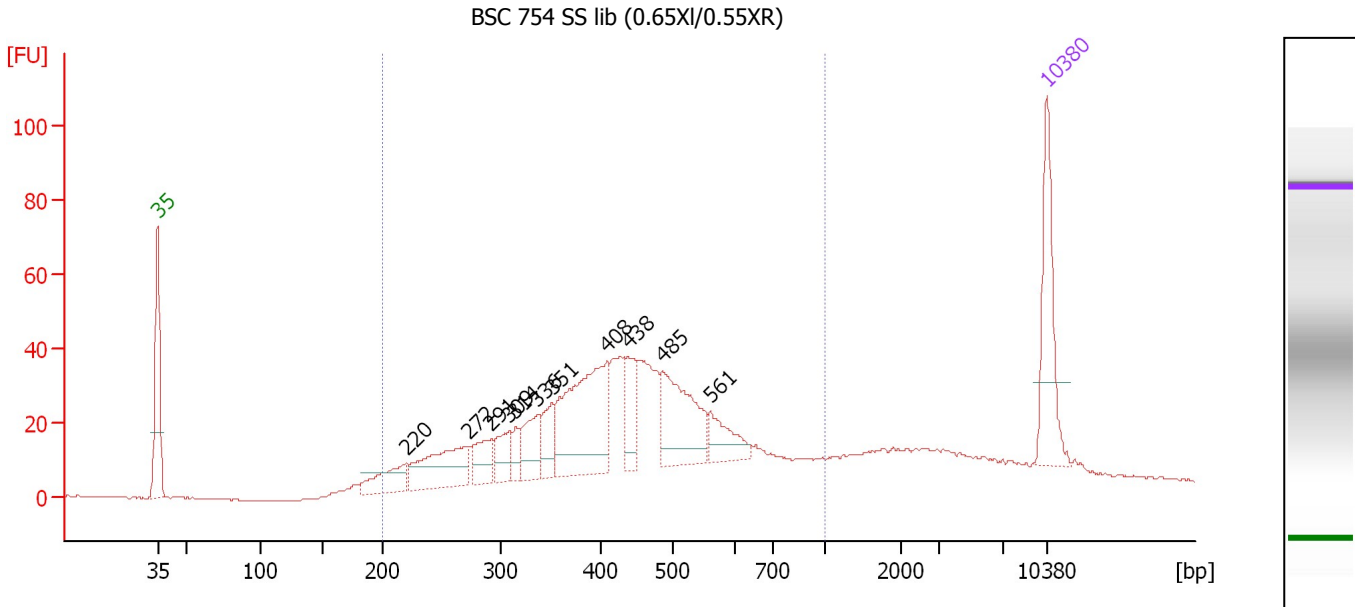
From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	458	1,229.1	1,268.88	4,857.7	 78	32.5



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-27\2018-03-27\_005.xad

Created: 3/27/2018 3:20:23 PM  
 Modified: 3/27/2018 4:01:43 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 11 : BSC 754 SS lib (0.65XI/0.55XR)**

Number of peaks found: 11                      Corr. Area 1: 899.1  
 Noise: 0.3

**Peak table for sample 11 : BSC 754 SS lib (0.65XI/0.55XR)**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	220	47.67	328.1		62.55
3	272	90.90	505.9		67.41
4	291	38.52	200.3		69.20
5	309	33.36	163.6		70.71
6	314	18.86	90.9		71.14
7	336	45.43	204.8		72.87
8	351	37.58	162.2		74.06
9	408	171.26	636.1		78.38
10	438	40.41	139.9		80.05
11	485	110.86	346.7		82.70
12	561	39.14	105.8		86.48
13	10,380	75.00	10.9	Upper Marker	113.00

**Region table for sample 11 : BSC 754 SS lib (0.65XI/0.55XR)**

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	445	899.1	1,159.39	4,591.6	76	33.8

---

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-27\2018-03-27\_005.xad

Created: 3/27/2018 3:20:23 PM  
Modified: 3/27/2018 4:01:43 PM

**Gel Image**