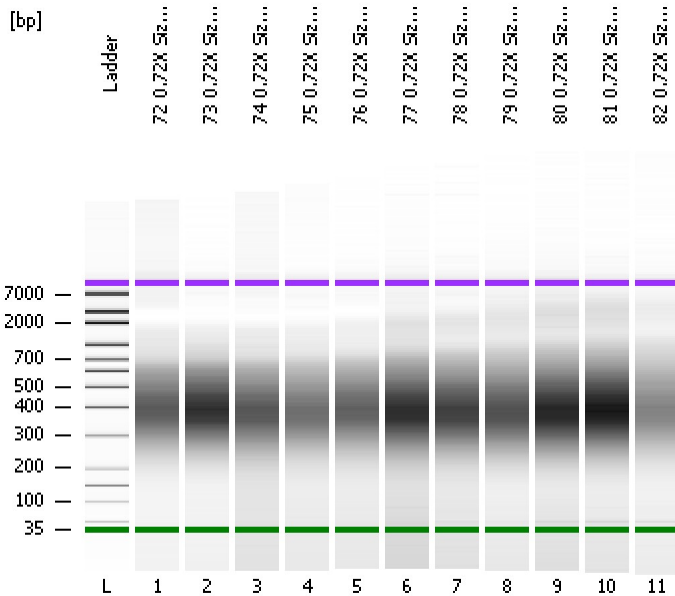


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2016-09-06\2016-09-06\_003.xad

Created: 9/6/2016 4:21:10 PM  
Modified: 9/6/2016 5:01:39 PM

**Electrophoresis File Run Summary**



Instrument Information:

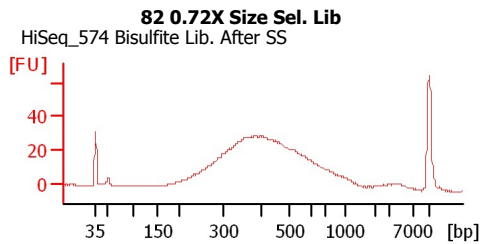
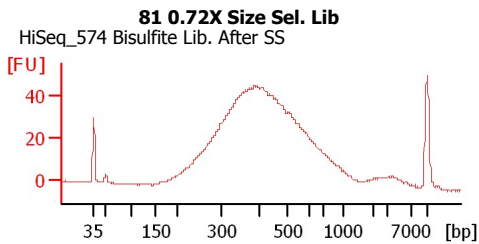
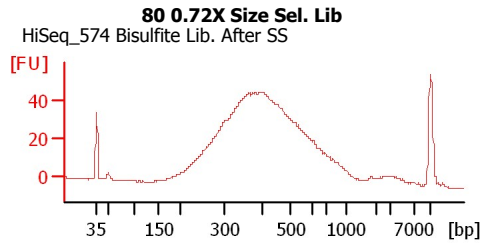
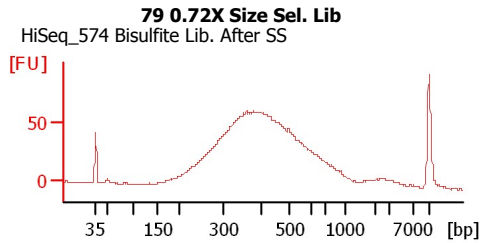
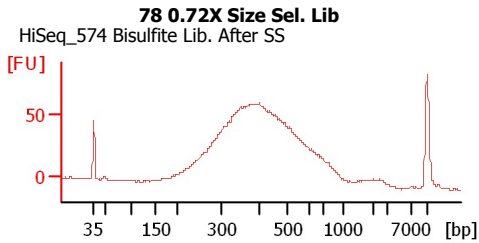
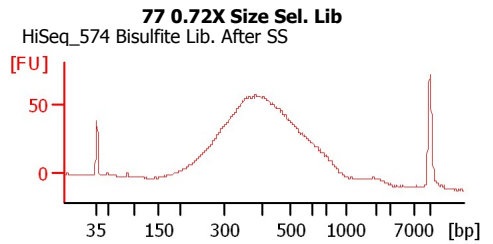
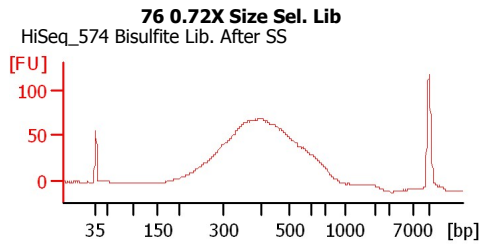
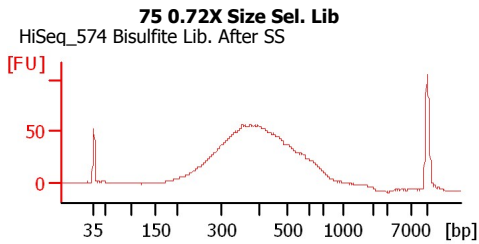
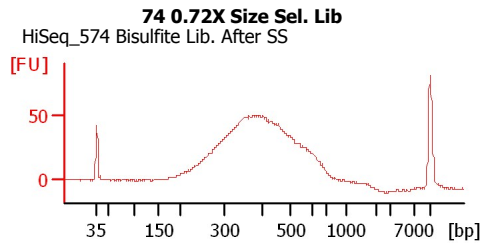
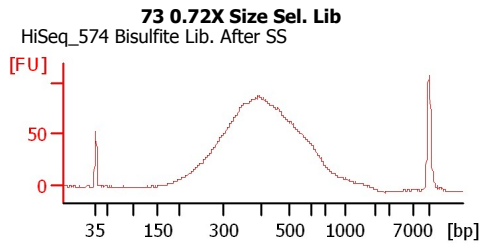
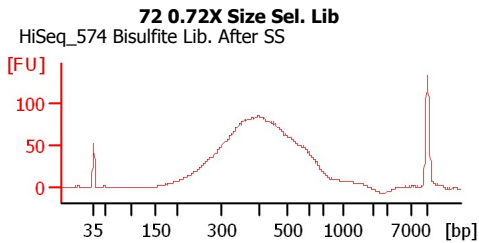
Instrument Name: DE13701086      Firmware: C.01.069  
Serial#: DE13701086      Type: G2938B

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:



Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2016-09-06\2016-09-06\_003.xad

Created: 9/6/2016 4:21:10 PM  
Modified: 9/6/2016 5:01:39 PM

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

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
72 0.72X Size Sel. Lib	HiSeq_574 Bisulfite Lib. After SS	<input type="checkbox"/>	✓			
73 0.72X Size Sel. Lib	HiSeq_574 Bisulfite Lib. After SS	<input type="checkbox"/>	✓			
74 0.72X Size Sel. Lib	HiSeq_574 Bisulfite Lib. After SS	<input type="checkbox"/>	✓			
75 0.72X Size Sel. Lib	HiSeq_574 Bisulfite Lib. After SS	<input type="checkbox"/>	✓			
76 0.72X Size Sel. Lib	HiSeq_574 Bisulfite Lib. After SS	<input type="checkbox"/>	✓			
77 0.72X Size Sel. Lib	HiSeq_574 Bisulfite Lib. After SS	<input type="checkbox"/>	✓			
78 0.72X Size Sel. Lib	HiSeq_574 Bisulfite Lib. After SS	<input type="checkbox"/>	✓			
79 0.72X Size Sel. Lib	HiSeq_574 Bisulfite Lib. After SS	<input type="checkbox"/>	✓			
80 0.72X Size Sel. Lib	HiSeq_574 Bisulfite Lib. After SS	<input type="checkbox"/>	✓			
81 0.72X Size Sel. Lib	HiSeq_574 Bisulfite Lib. After SS	<input type="checkbox"/>	✓			
82 0.72X Size Sel. Lib	HiSeq_574 Bisulfite Lib. After SS	<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			
<b>Chip Lot #</b>				<b>Reagent Kit Lot #</b>		

**Chip Comments :**

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2016-09-06\2016-09-06\_003.xad

Created: 9/6/2016 4:21:10 PM  
Modified: 9/6/2016 5:01:39 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

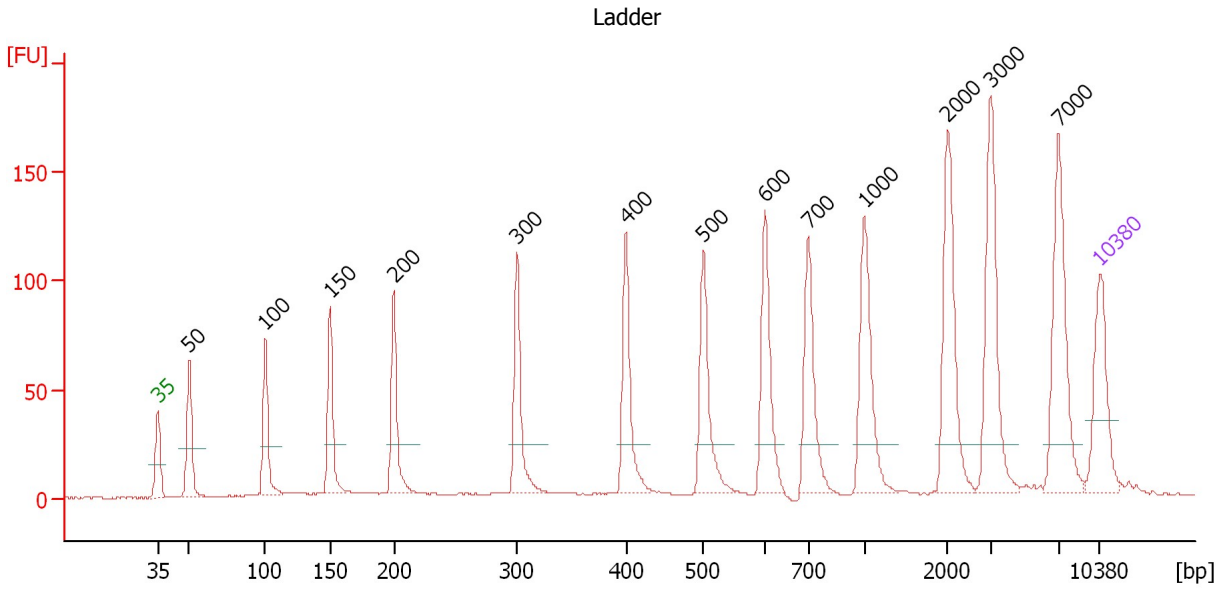
**Ladder**

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:\... bioanalyzer\2100 expert\data\2016-09-06\2016-09-06\_003.xad

Created: 9/6/2016 4:21:10 PM  
 Modified: 9/6/2016 5:01:39 PM

**Electropherogram Summary**



**Overall Results for Ladder**

Noise: 0.3

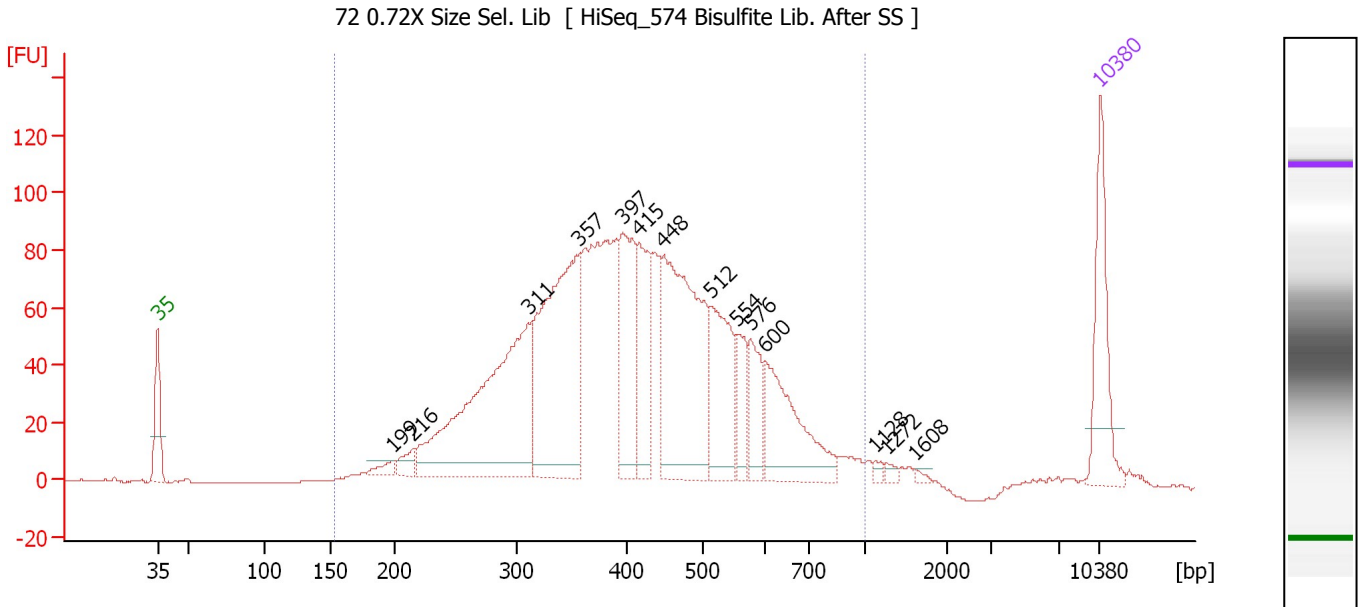
**Peak table for Ladder**

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	45.36
3	100	150.00	2,272.7	Ladder Peak	51.01
4	150	150.00	1,515.2	Ladder Peak	55.78
5	200	150.00	1,136.4	Ladder Peak	60.55
6	300	150.00	757.6	Ladder Peak	69.69
7	400	150.00	568.2	Ladder Peak	77.80
8	500	150.00	454.5	Ladder Peak	83.55
9	600	150.00	378.8	Ladder Peak	88.13
10	700	150.00	324.7	Ladder Peak	91.32
11	1,000	150.00	227.3	Ladder Peak	95.50
12	2,000	150.00	113.6	Ladder Peak	101.69
13	3,000	150.00	75.8	Ladder Peak	104.84
14	7,000	150.00	32.5	Ladder Peak	109.90
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-09-06\2016-09-06\_003.xad

Created: 9/6/2016 4:21:10 PM  
 Modified: 9/6/2016 5:01:39 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 1 : 72 0.72X Size Sel. Lib**

Number of peaks found: 14                      Corr. Area 1: 2,118.4  
 Noise: 0.3

**Peak table for sample 1 : 72 0.72X Size Sel. Lib**

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	13.08	99.6		60.45
3	216	19.25	135.2		61.99
4	311	364.25	1,776.1		70.56
5	357	308.13	1,307.0		74.33
6	397	132.75	506.8		77.55
7	415	101.60	370.5		78.69
8	448	275.19	930.2		80.58
9	512	113.74	336.7		84.10
10	554	42.24	115.5		86.03
11	576	50.64	133.2		87.02
12	600	116.12	293.4		88.11
13	1,128	4.45	6.0		96.29
14	1,272	4.30	5.1		97.19
15	1,608	3.02	2.8		99.27
16	10,380	75.00	10.9	Upper Marker	113.00

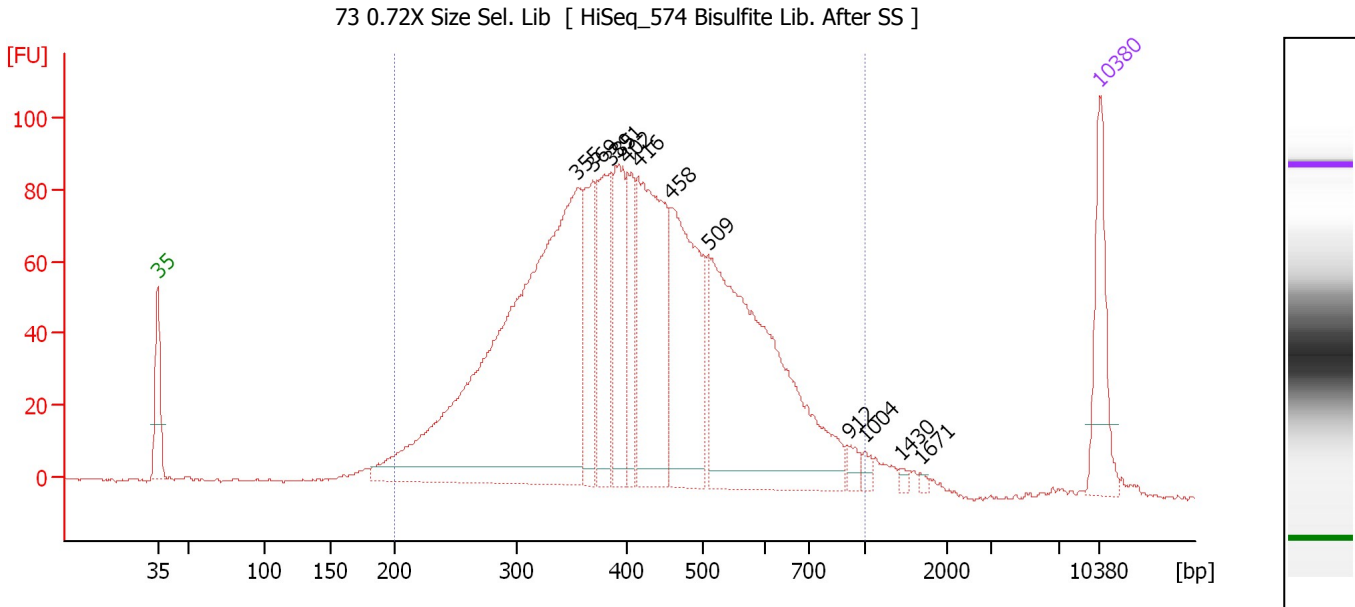
**Region table for sample 1 : 72 0.72X Size Sel. Lib**

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
154	1,000	423	2,118.4	8,149.1	2,010.89	98	30.0

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-09-06\2016-09-06\_003.xad

Created: 9/6/2016 4:21:10 PM  
 Modified: 9/6/2016 5:01:39 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 2 : 73 0.72X Size Sel. Lib**

Number of peaks found: 12                      Corr. Area 1: 2,197.3  
 Noise: 0.4

**Peak table for sample 2 : 73 0.72X Size Sel. Lib**

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	355	911.48	3,888.5		74.17
3	369	115.67	474.6		75.31
4	385	140.50	552.6		76.61
5	391	142.01	550.6		77.05
6	402	80.81	304.8		77.90
7	416	289.73	1,056.4		78.70
8	458	253.33	838.2		81.14
9	509	502.20	1,494.4		83.97
10	912	12.05	20.0		94.28
11	1,004	7.92	12.0		95.52
12	1,430	4.22	4.5		98.16
13	1,671	3.37	3.1		99.66
14	10,380	75.00	10.9	Upper Marker	113.00

**Region table for sample 2 : 73 0.72X Size Sel. Lib**

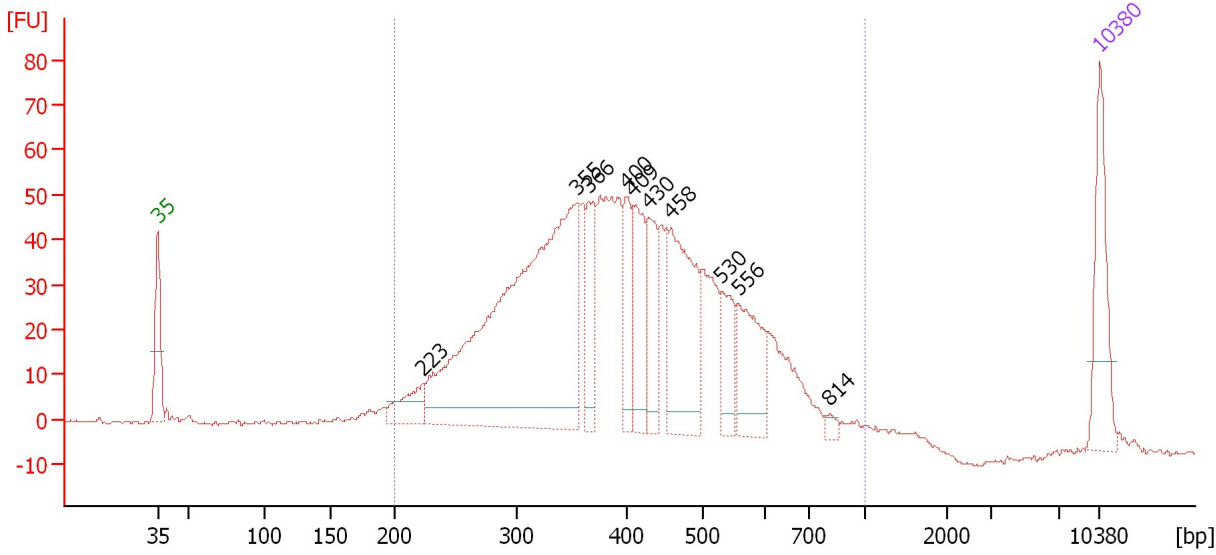
From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	430	2,197.3	10,186.0	2,558.09	97	30.8

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-09-06\2016-09-06\_003.xad

Created: 9/6/2016 4:21:10 PM  
 Modified: 9/6/2016 5:01:39 PM

**Electropherogram Summary Continued ...**

74 0.72X Size Sel. Lib [ HiSeq\_574 Bisulfite Lib. After SS ]



**Overall Results for sample 3 : 74 0.72X Size Sel. Lib**

Number of peaks found: 10                      Corr. Area 1: 1,306.2  
 Noise: 0.3

**Peak table for sample 3 : 74 0.72X Size Sel. Lib**

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	223	50.19	340.4		62.69
3	355	681.44	2,905.9		74.18
4	366	76.71	317.6		75.04
5	400	62.59	236.9		77.82
6	409	96.10	355.9		78.33
7	430	73.43	258.6		79.54
8	458	176.88	584.6		81.16
9	530	54.11	154.8		84.91
10	556	94.10	256.3		86.12
11	814	7.56	14.1		92.91
12	10,380	75.00	10.9	Upper Marker	113.00

**Region table for sample 3 : 74 0.72X Size Sel. Lib**

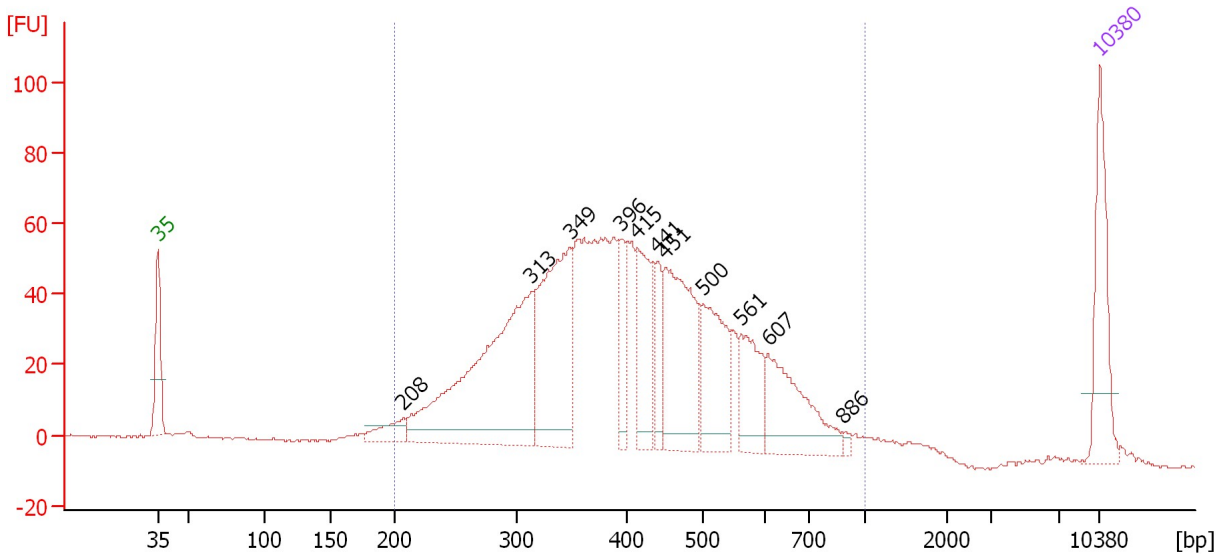
From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	415	1,306.2	8,090.3	1,975.65	97	29.3

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-09-06\2016-09-06\_003.xad

Created: 9/6/2016 4:21:10 PM  
 Modified: 9/6/2016 5:01:39 PM

**Electropherogram Summary Continued ...**

75 0.72X Size Sel. Lib [ HiSeq\_574 Bisulfite Lib. After SS ]



**Overall Results for sample 4 : 75 0.72X Size Sel. Lib**

Number of peaks found: 11                      Corr. Area 1: 1,473.7  
 Noise: 0.3

**Peak table for sample 4 : 75 0.72X Size Sel. Lib**

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	208	31.62	230.5		61.26
3	313	376.88	1,824.0		70.75
4	349	224.88	977.2		73.64
5	396	56.79	217.4		77.46
6	415	95.00	347.2		78.64
7	441	48.40	166.4		80.14
8	451	173.54	583.6		80.71
9	500	117.87	357.3		83.55
10	561	70.76	191.2		86.33
11	607	108.76	271.6		88.34
12	886	4.43	7.6		93.91
13	10,380	75.00	10.9	Upper Marker	113.00

**Region table for sample 4 : 75 0.72X Size Sel. Lib**

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	419	1,473.7	6,917.0	1,704.28	96	30.0

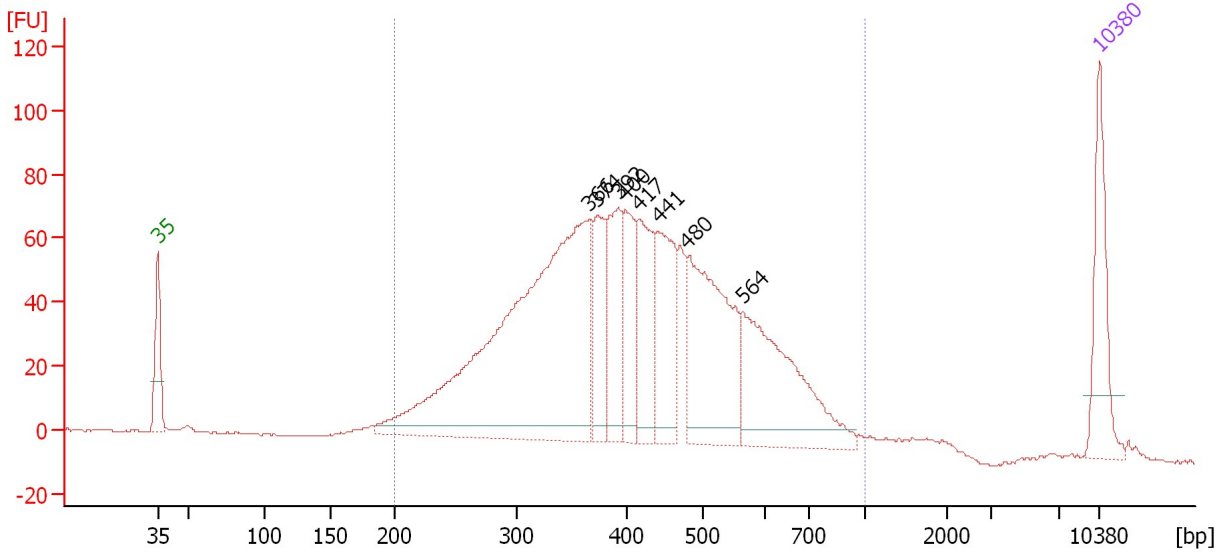


Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-09-06\2016-09-06\_003.xad

Created: 9/6/2016 4:21:10 PM  
 Modified: 9/6/2016 5:01:39 PM

**Electropherogram Summary Continued ...**

76 0.72X Size Sel. Lib [ HiSeq\_574 Bisulfite Lib. After SS ]



**Overall Results for sample 5 : 76 0.72X Size Sel. Lib**

Number of peaks found: 8                      Corr. Area 1: 1,774.1  
 Noise: 0.4

**Peak table for sample 5 : 76 0.72X Size Sel. Lib**

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	366	677.54	2,801.1		75.09
3	374	86.91	352.5		75.66
4	392	104.30	402.7		77.19
5	400	88.21	334.5		77.76
6	417	109.27	397.3		78.76
7	441	126.08	432.9		80.18
8	480	234.07	739.4		82.38
9	564	208.93	561.3		86.48
10	10,380	75.00	10.9	Upper Marker	113.00

**Region table for sample 5 : 76 0.72X Size Sel. Lib**

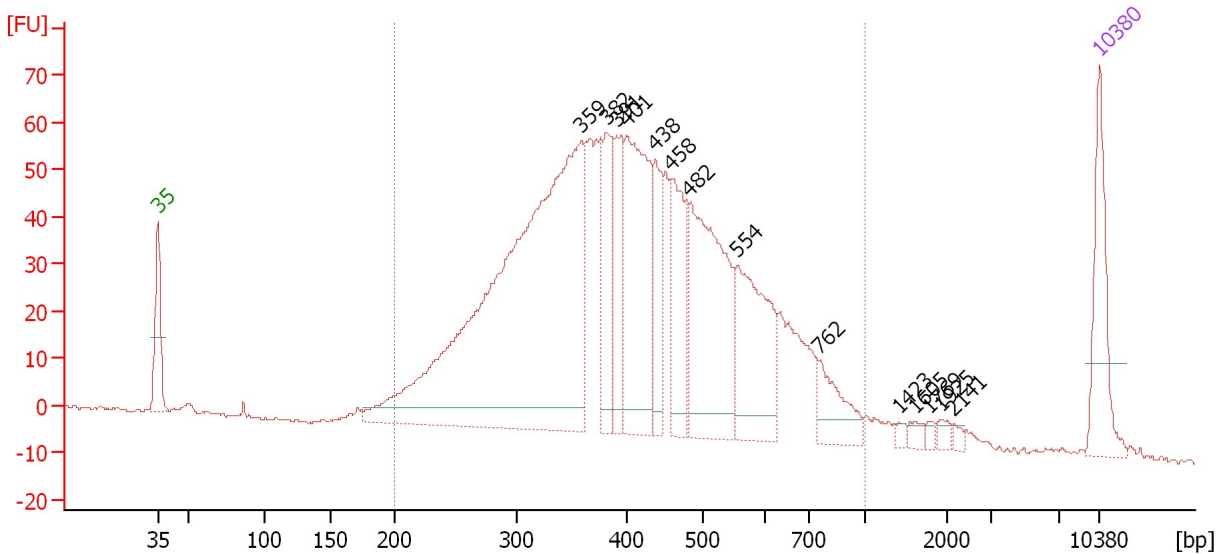
From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	425	1,774.1	7,226.8	1,804.68	97	29.7

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-09-06\2016-09-06\_003.xad

Created: 9/6/2016 4:21:10 PM  
 Modified: 9/6/2016 5:01:39 PM

**Electropherogram Summary Continued ...**

77 0.72X Size Sel. Lib [ HiSeq\_574 Bisulfite Lib. After SS ]



**Overall Results for sample 6 : 77 0.72X Size Sel. Lib**

Number of peaks found: 14                      Corr. Area 1: 1,549.9  
 Noise: 0.4

**Peak table for sample 6 : 77 0.72X Size Sel. Lib**

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	359	894.03	3,774.5		74.47
3	382	102.03	404.7		76.34
4	391	81.19	314.4		77.09
5	401	229.80	869.1		77.84
6	438	75.65	261.8		79.98
7	458	107.74	356.2		81.16
8	482	257.93	811.5		82.50
9	554	159.33	435.7		86.03
10	762	53.52	106.5		92.18
11	1,423	5.03	5.4		98.12
12	1,605	7.37	7.0		99.25
13	1,769	4.22	3.6		100.26
14	1,925	7.10	5.6		101.23
15	2,141	4.54	3.2		102.14
16	10,380	75.00	10.9	Upper Marker	113.00

**Region table for sample 6 : 77 0.72X Size Sel. Lib**

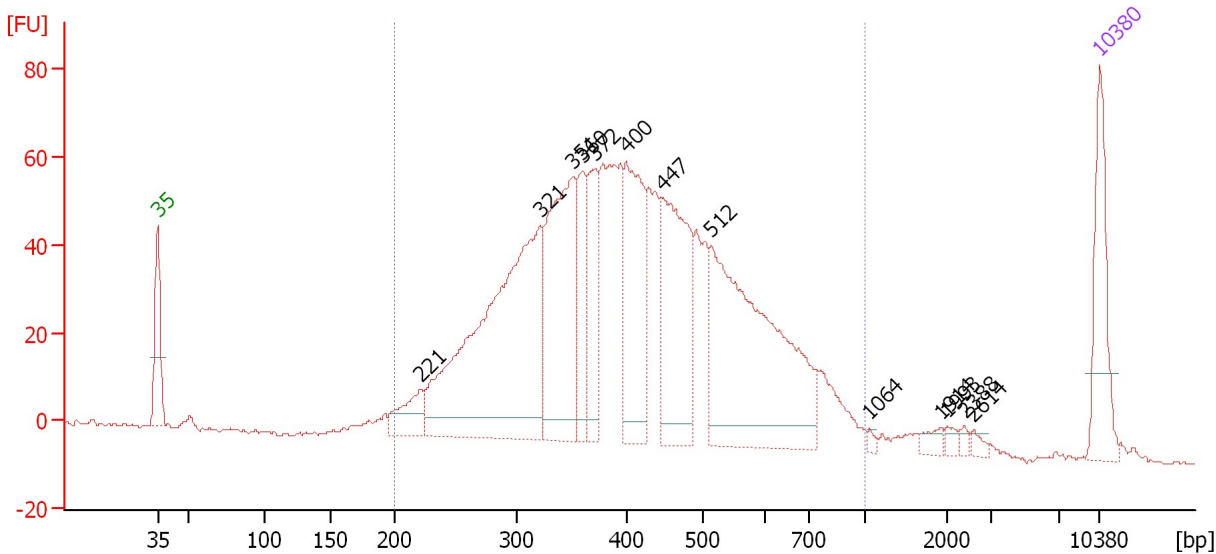
From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	427	1,549.9	9,406.7	2,341.34	96	31.2

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-09-06\2016-09-06\_003.xad

Created: 9/6/2016 4:21:10 PM  
 Modified: 9/6/2016 5:01:39 PM

**Electropherogram Summary Continued ...**

78 0.72X Size Sel. Lib [ HiSeq\_574 Bisulfite Lib. After SS ]



**Overall Results for sample 7 : 78 0.72X Size Sel. Lib**

Number of peaks found: 13                      Corr. Area 1: 1,517.3  
 Noise: 0.4

**Peak table for sample 7 : 78 0.72X Size Sel. Lib**

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	221	50.01	342.1		62.51
3	321	501.86	2,368.9		71.39
4	351	255.40	1,103.4		73.81
5	360	79.32	334.3		74.52
6	372	90.07	367.2		75.51
7	400	173.76	658.1		77.81
8	447	200.05	678.4		80.49
9	512	374.49	1,107.8		84.11
10	1,064	4.10	5.8		95.90
11	1,914	9.42	7.5		101.16
12	1,993	6.10	4.6		101.65
13	2,388	4.13	2.6		102.91
14	2,614	5.93	3.4		103.63
15	10,380	75.00	10.9	Upper Marker	113.00

**Region table for sample 7 : 78 0.72X Size Sel. Lib**

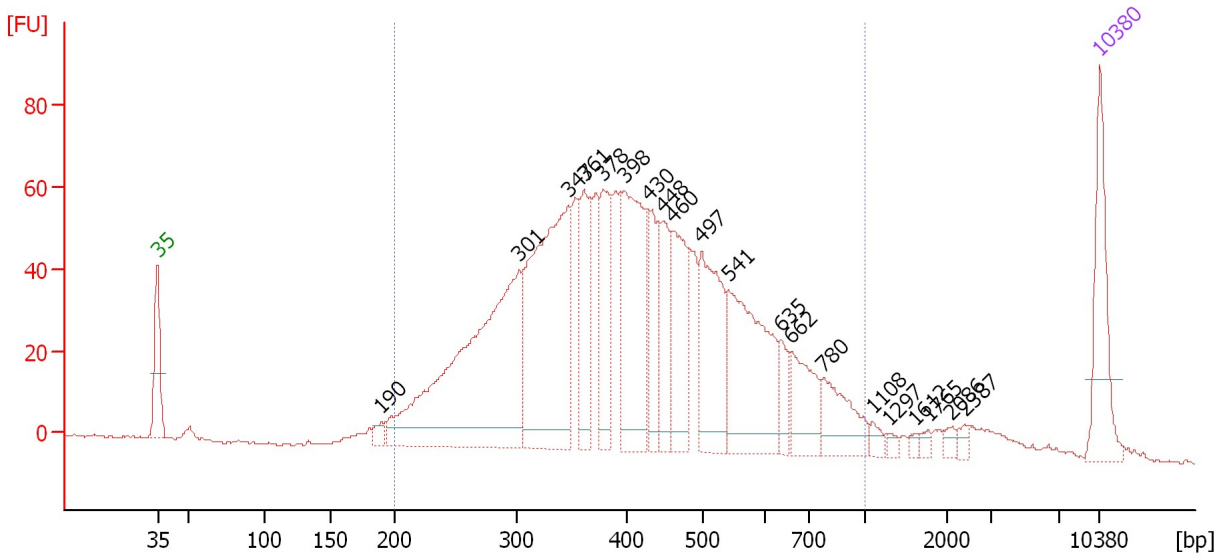
From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	427	1,517.3	8,506.8	2,123.85	97	31.0

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-09-06\2016-09-06\_003.xad

Created: 9/6/2016 4:21:10 PM  
 Modified: 9/6/2016 5:01:39 PM

**Electropherogram Summary Continued ...**

79 0.72X Size Sel. Lib [ HiSeq\_574 Bisulfite Lib. After SS ]



**Overall Results for sample 8 : 79 0.72X Size Sel. Lib**

Number of peaks found: 20                      Corr. Area 1: 1,559.4  
 Noise: 0.4

**Peak table for sample 8 : 79 0.72X Size Sel. Lib**

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	190	12.02	95.8		59.61
3	301	456.34	2,293.9		69.81
4	347	332.23	1,448.7		73.54
5	361	91.48	383.7		74.66
6	378	95.09	380.8		76.05
7	398	205.60	782.1		77.67
8	430	66.30	233.8		79.50
9	448	82.31	278.4		80.56
10	460	108.01	356.0		81.23
11	497	137.63	419.2		83.41
12	541	177.99	498.8		85.41
13	635	25.42	60.6		89.26
14	662	64.02	146.6		90.09
15	780	61.85	120.2		92.43
16	1,108	9.00	12.3		96.17
17	1,297	5.42	6.3		97.34
18	1,612	4.04	3.8		99.29
19	1,765	5.39	4.6		100.24
20	2,086	6.43	4.7		101.96
21	2,387	6.05	3.8		102.91
22	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2016-09-06\2016-09-06\_003.xad

Created: 9/6/2016 4:21:10 PM  
Modified: 9/6/2016 5:01:39 PM

**Electropherogram Summary Continued ...**

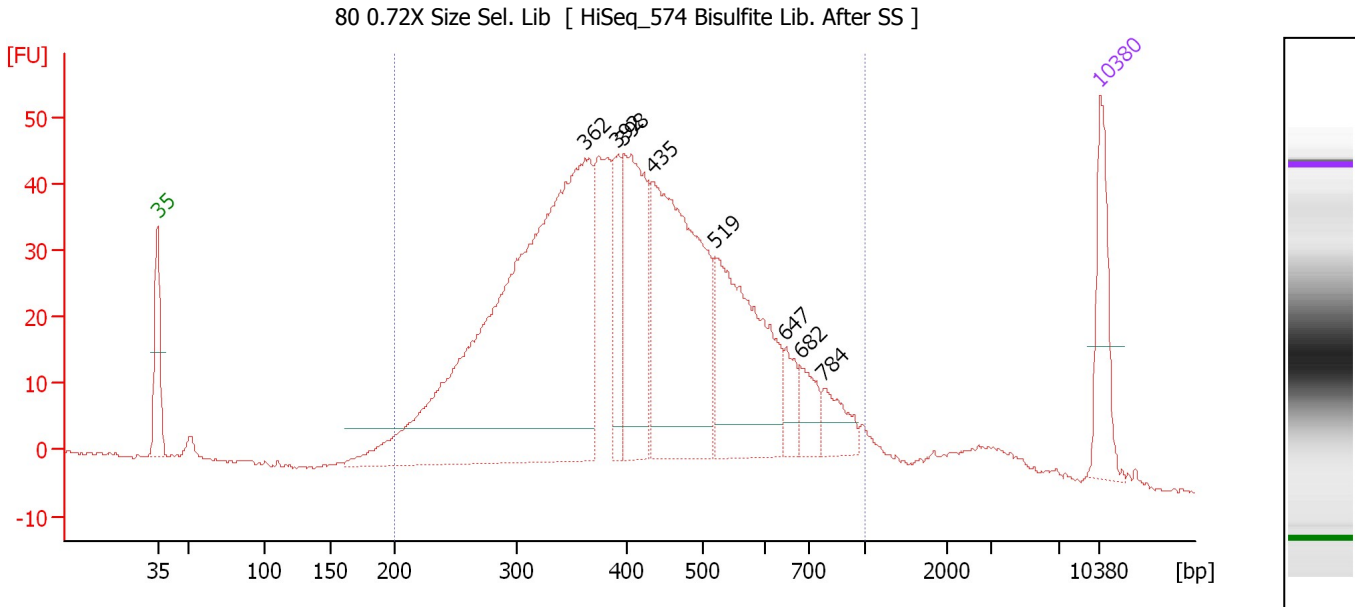
... Region table for sample 8 : 79 0.72X Size Sel. Lib

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	429	1,559.4	8,595.8	2,134.84	95	32.7

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-09-06\2016-09-06\_003.xad

Created: 9/6/2016 4:21:10 PM  
 Modified: 9/6/2016 5:01:39 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 9 : 80 0.72X Size Sel. Lib**

Number of peaks found: 8                      Corr. Area 1: 1,156.9  
 Noise: 0.3

**Peak table for sample 9 : 80 0.72X Size Sel. Lib**

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	362	1,025.44	4,289.0		74.74
3	392	86.81	335.5		77.16
4	398	230.47	878.3		77.61
5	435	427.23	1,489.2		79.80
6	519	276.27	807.2		84.40
7	647	34.63	81.1		89.63
8	682	39.15	87.0		90.75
9	784	41.38	79.9		92.49
10	10,380	75.00	10.9	Upper Marker	113.00

**Region table for sample 9 : 80 0.72X Size Sel. Lib**

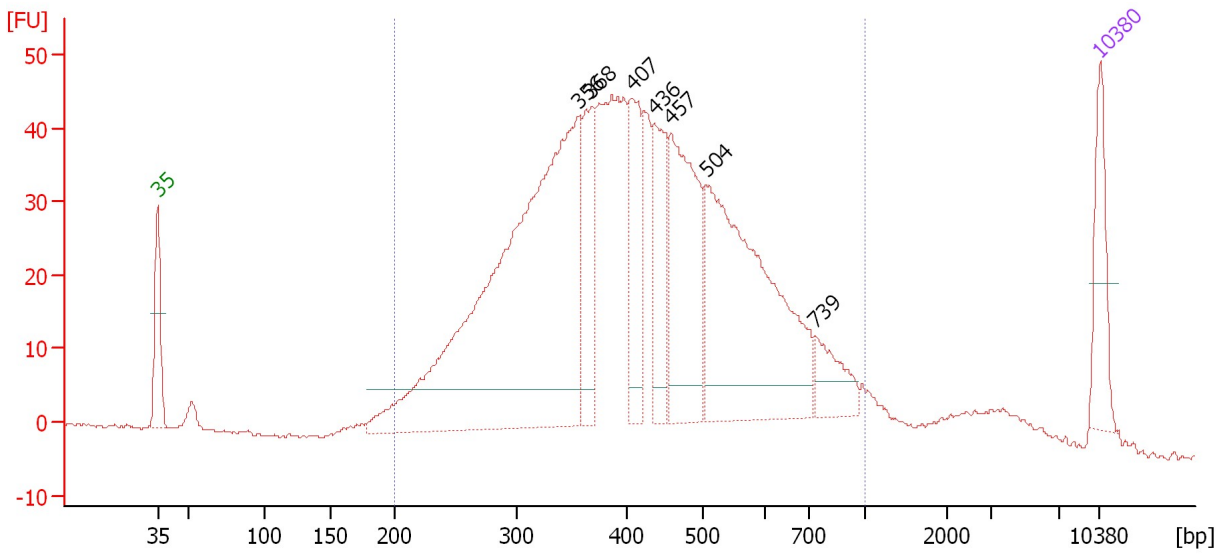
From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	432	1,156.9	10,088.7	2,520.51	95	32.7

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-09-06\2016-09-06\_003.xad

Created: 9/6/2016 4:21:10 PM  
 Modified: 9/6/2016 5:01:39 PM

**Electropherogram Summary Continued ...**

81 0.72X Size Sel. Lib [ HiSeq\_574 Bisulfite Lib. After SS ]



**Overall Results for sample 10 : 81 0.72X Size Sel. Lib**

Number of peaks found: 7                      Corr. Area 1: 1,134.4  
 Noise: 0.3

**Peak table for sample 10 : 81 0.72X Size Sel. Lib**

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	356	1,050.24	4,471.5		74.22
3	368	147.51	606.7		75.24
4	407	154.80	575.8		78.23
5	436	132.15	459.5		79.86
6	457	280.98	930.9		81.10
7	504	502.73	1,510.6		83.75
8	739	63.28	129.7		91.86
9	10,380	75.00	10.9	Upper Marker	113.00

**Region table for sample 10 : 81 0.72X Size Sel. Lib**

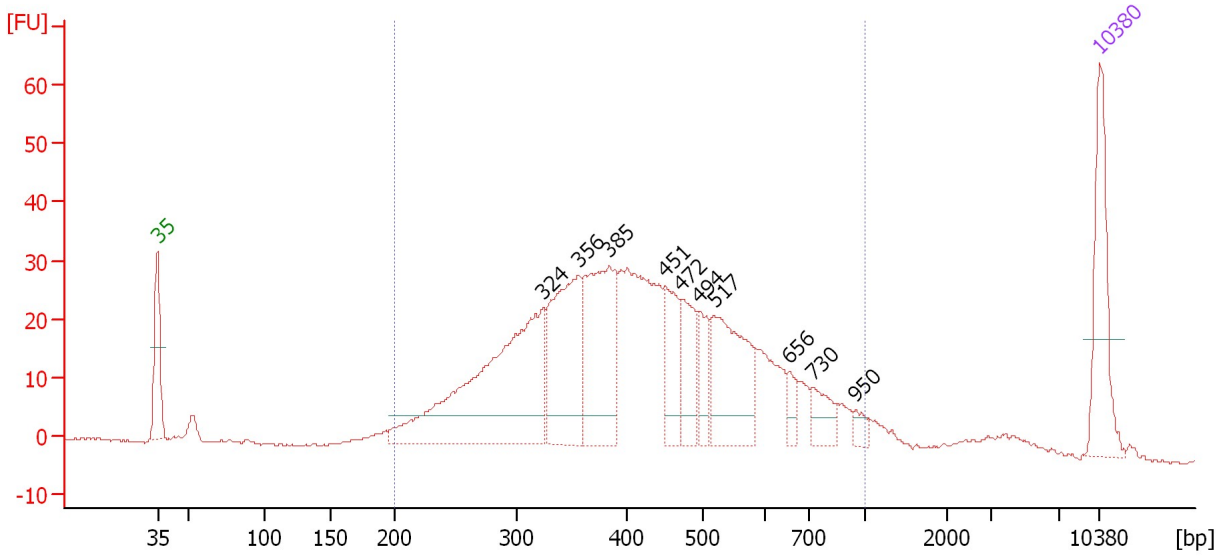
From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	436	1,134.4	12,132.8	3,061.65	94	32.6

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-09-06\2016-09-06\_003.xad

Created: 9/6/2016 4:21:10 PM  
 Modified: 9/6/2016 5:01:39 PM

**Electropherogram Summary Continued ...**

82 0.72X Size Sel. Lib [ HiSeq\_574 Bisulfite Lib. After SS ]



**Overall Results for sample 11 : 82 0.72X Size Sel. Lib**

Number of peaks found: 10                      Corr. Area 1: 752.8  
 Noise: 0.2

**Peak table for sample 11 : 82 0.72X Size Sel. Lib**

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	324	325.18	1,521.6		71.62
3	356	162.52	691.8		74.23
4	385	158.77	625.5		76.55
5	451	59.49	199.7		80.75
6	472	56.86	182.5		81.94
7	494	37.09	113.9		83.19
8	517	124.68	365.6		84.32
9	656	15.05	34.7		89.93
10	730	27.41	56.9		91.74
11	950	9.34	14.9		94.81
12	10,380	75.00	10.9	Upper Marker	113.00

**Region table for sample 11 : 82 0.72X Size Sel. Lib**

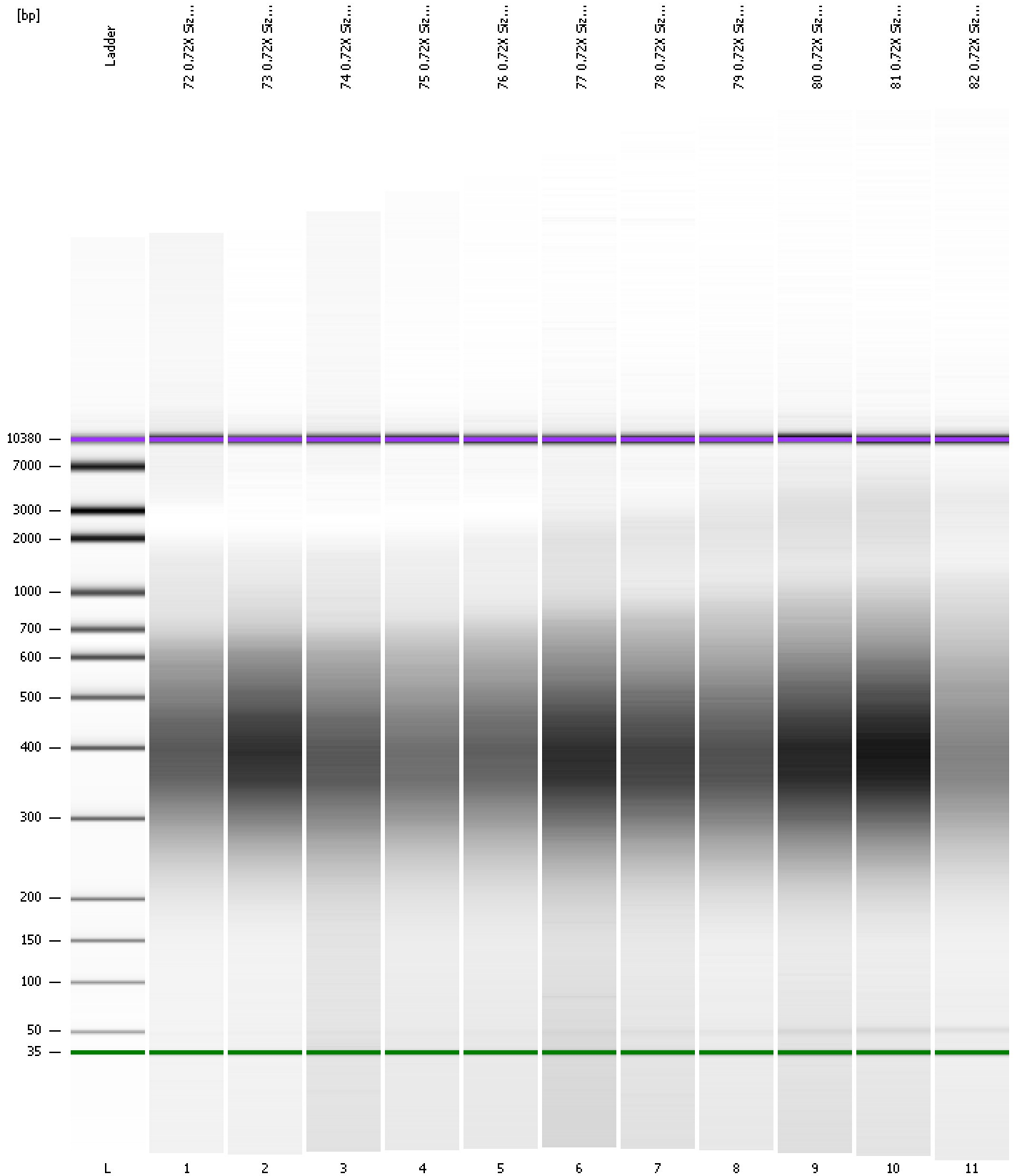
From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	440	752.8	5,332.1	1,350.26	94	33.2



Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2016-09-06\2016-09-06\_003.xad

Created: 9/6/2016 4:21:10 PM  
Modified: 9/6/2016 5:01:39 PM

**Gel Image**



Assay Class: High Sensitivity DNA Assay Created: 9/6/2016 4:21:10 PM  
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-09-06\2016-09-06\_003.xad Modified: 9/6/2016 5:01:39 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		9/6/2016 5:01:38 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\data\2016-09-06\2016-09-06_003.xad)		Instrument	Run		9/6/2016 4:21:15 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938B		Instrument	Run		9/6/2016 4:21:15 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		9/6/2016 4:21:15 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		9/6/2016 4:21:15 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE13701086		Instrument	Run		9/6/2016 4:21:15 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		9/6/2016 4:21:15 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		9/6/2016 4:21:15 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1