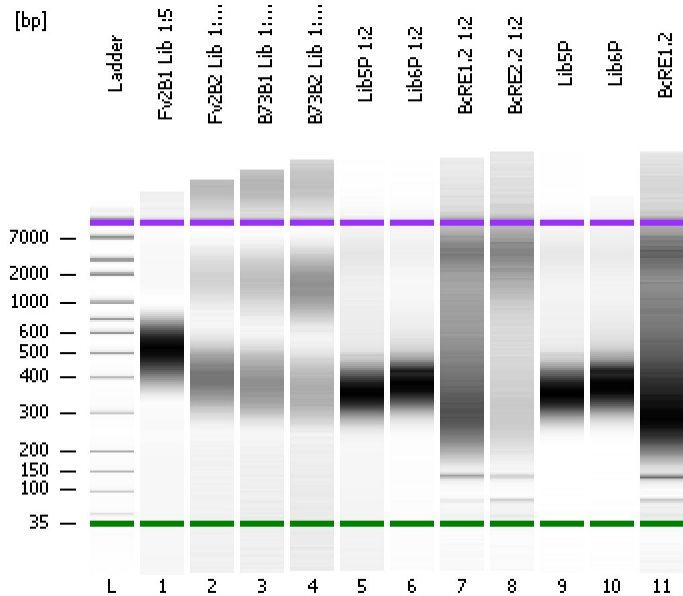


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-07\2013-01-07\_004.xad

Created: 1/7/2013 4:18:43 PM  
Modified: 1/7/2013 5:03:33 PM

### Electrophoresis File Run Summary



#### Instrument Information:

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

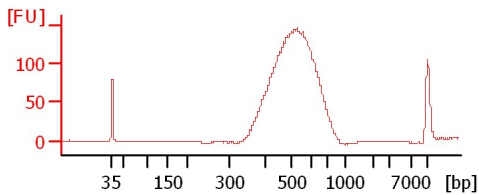
#### Assay Information:

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

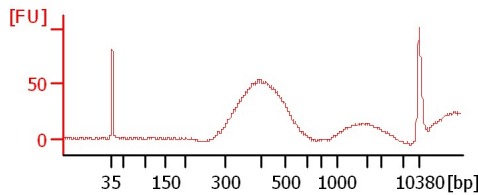
#### Chip Information:

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

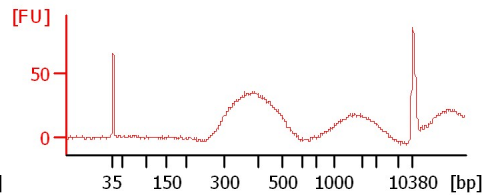
Fv2B1 Lib 1:5



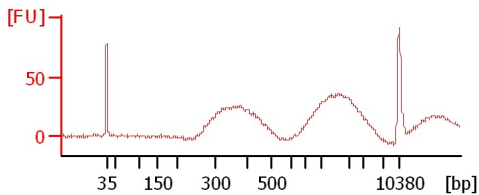
Fv2B2 Lib 1:10



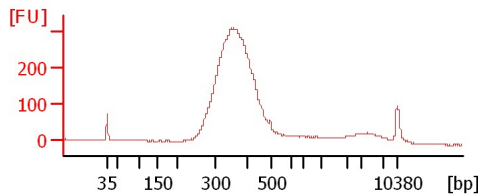
B73B1 Lib 1:10



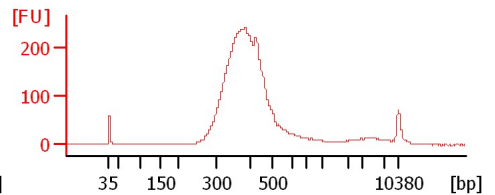
B73B2 Lib 1:10



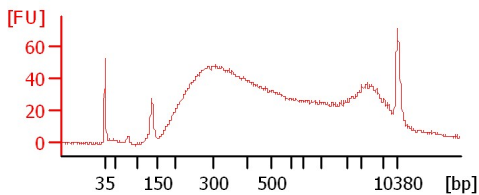
Lib5P 1:2



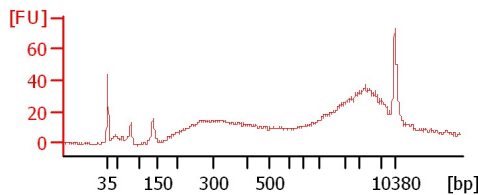
Lib6P 1:2



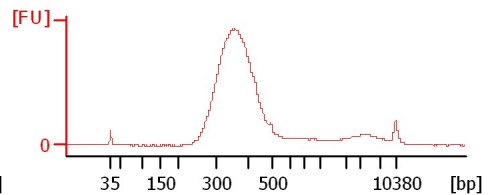
BcRE1.2 1:2



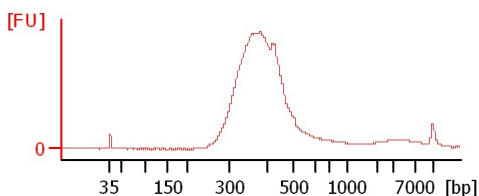
BcRE2.2 1:2



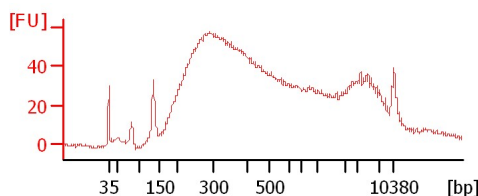
Lib5P



Lib6P



BcRE1.2



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-07\2013-01-07\_004.xad

Created: 1/7/2013 4:18:43 PM  
 Modified: 1/7/2013 5:03:33 PM

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

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
Fv2B1 Lib 1:5		<input type="checkbox"/>	✓			
Fv2B2 Lib 1:10		<input type="checkbox"/>	✓			
B73B1 Lib 1:10		<input type="checkbox"/>	✓			
B73B2 Lib 1:10		<input type="checkbox"/>	✓			
Lib5P 1:2		<input type="checkbox"/>	✓			
Lib6P 1:2		<input type="checkbox"/>	✓			
BcRE1.2 1:2		<input type="checkbox"/>	✓			
BcRE2.2 1:2		<input type="checkbox"/>	✓			
Lib5P		<input type="checkbox"/>	✓			
Lib6P		<input type="checkbox"/>	✓			
BcRE1.2		<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\2013-01-07\2013-01-07\_004.xad

Created: 1/7/2013 4:18:43 PM  
Modified: 1/7/2013 5:03:33 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

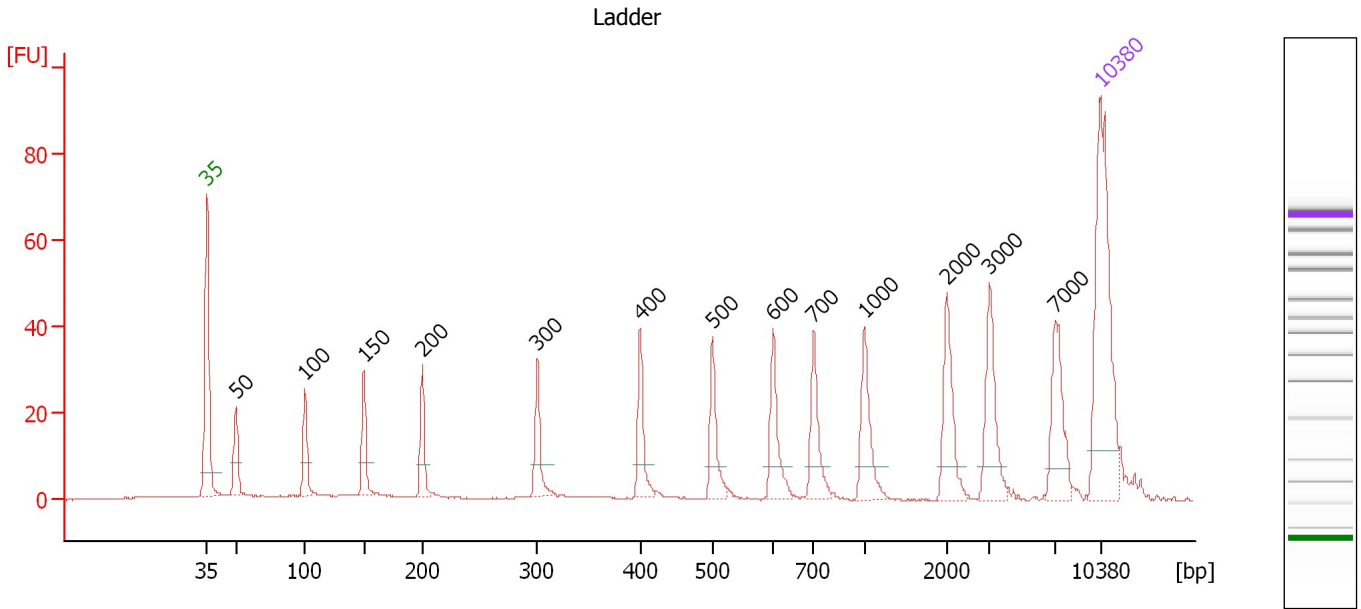
**Ladder**

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\2013-01-07\2013-01-07\_004.xad

Created: 1/7/2013 4:18:43 PM  
 Modified: 1/7/2013 5:03:33 PM

**Electropherogram Summary**



**Overall Results for Ladder**

Noise: 0.1

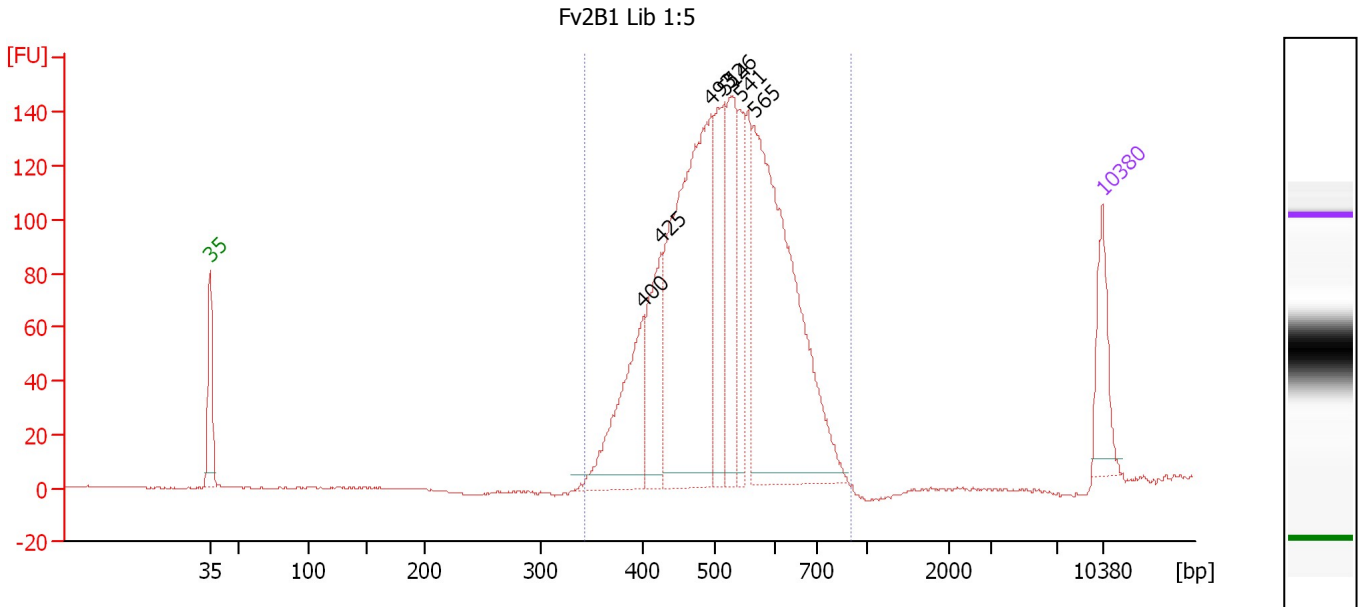
**Peak table for Ladder**

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\2013-01-07\2013-01-07\_004.xad

Created: 1/7/2013 4:18:43 PM  
 Modified: 1/7/2013 5:03:33 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 1 : Fv2B1 Lib 1:5**

Number of peaks found: 7                      Corr. Area 1: 2,062.5  
 Noise: 0.1

**Peak table for sample 1 : Fv2B1 Lib 1:5**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	400	233.24	883.5	
3	425	165.53	590.1	
4	493	677.51	2,080.2	
5	514	176.81	520.9	
6	526	193.97	558.9	
7	541	112.30	314.6	
8	565	675.05	1,810.9	
9	10,380	75.00	10.9	Upper Marker

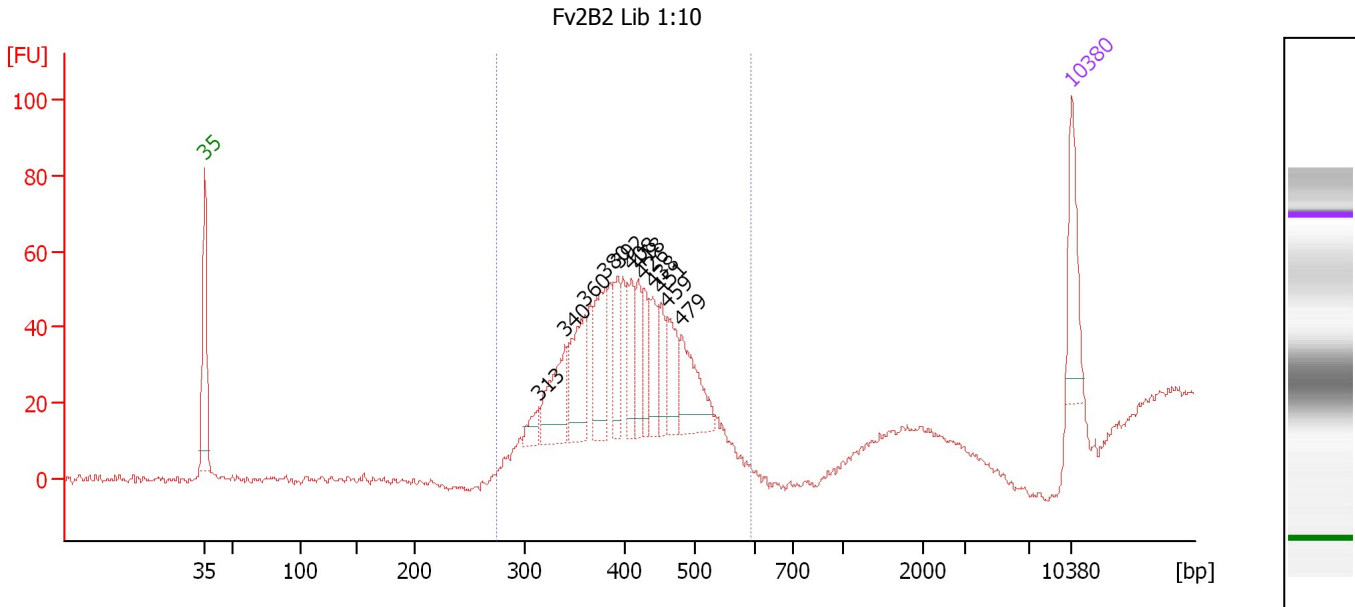
**Region table for sample 1 : Fv2B1 Lib 1:5**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
344	909	521	6,932.1	2,295.77	2,062.5	100	16.7	Blue

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-07\2013-01-07\_004.xad

Created: 1/7/2013 4:18:43 PM  
 Modified: 1/7/2013 5:03:33 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 2 : Fv2B2 Lib 1:10**

Number of peaks found: 12      Corr. Area 1: 563.2  
 Noise: 1.0

**Peak table for sample 2 : Fv2B2 Lib 1:10**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	313	27.58	133.5	
3	340	113.82	507.9	
4	360	117.71	495.6	
5	380	103.70	413.3	
6	392	65.85	254.3	
7	408	66.86	248.2	
8	418	53.16	192.7	
9	426	50.10	178.4	
10	438	60.62	209.5	
11	451	46.22	155.2	
12	459	71.03	234.5	
13	479	102.97	325.5	
14	10,380	75.00	10.9	Upper Marker

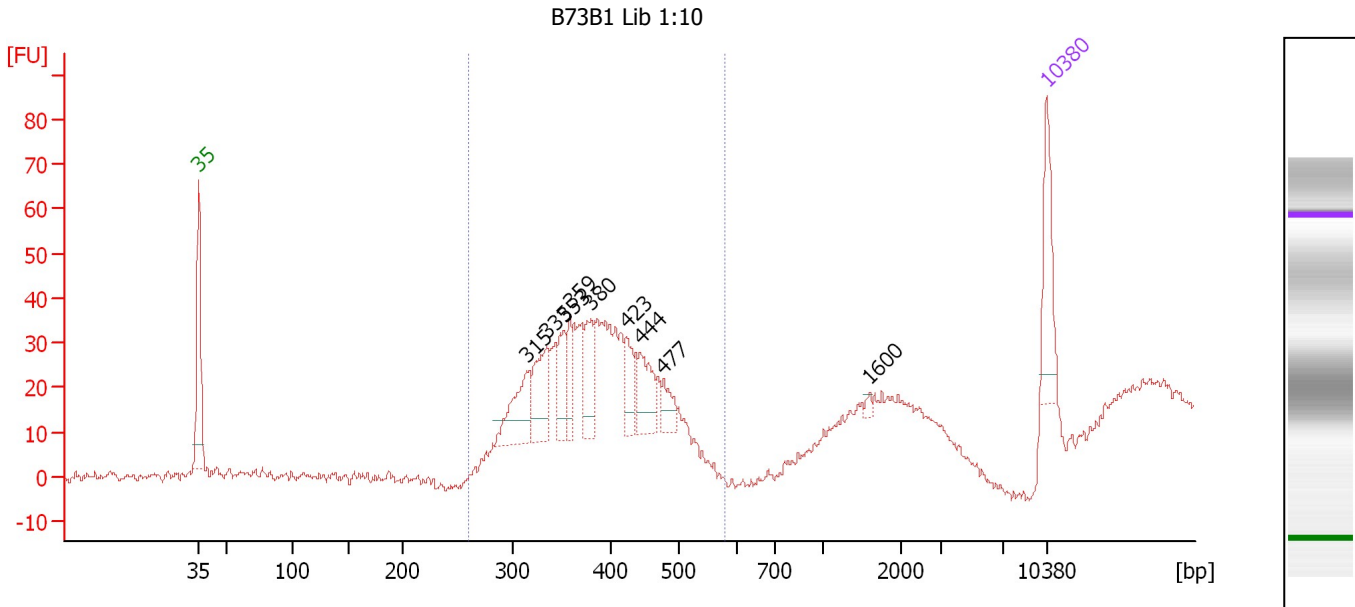
**Region table for sample 2 : Fv2B2 Lib 1:10**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
274	593	404	3,876.4	1,014.11	563.2	100	13.0	Blue

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-07\2013-01-07\_004.xad

Created: 1/7/2013 4:18:43 PM  
 Modified: 1/7/2013 5:03:33 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 3 : B73B1 Lib 1:10**

Number of peaks found: 9                      Corr. Area 1: 399.2  
 Noise: 1.0

**Peak table for sample 3 : B73B1 Lib 1:10**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	315	98.55	474.6	
3	335	95.16	430.6	
4	353	66.04	283.6	
5	359	46.17	194.6	
6	380	65.45	260.8	
7	423	47.95	171.7	
8	444	66.70	227.6	
9	477	31.73	100.7	
10	1,600	5.02	4.8	
11	10,380	75.00	10.9	Upper Marker

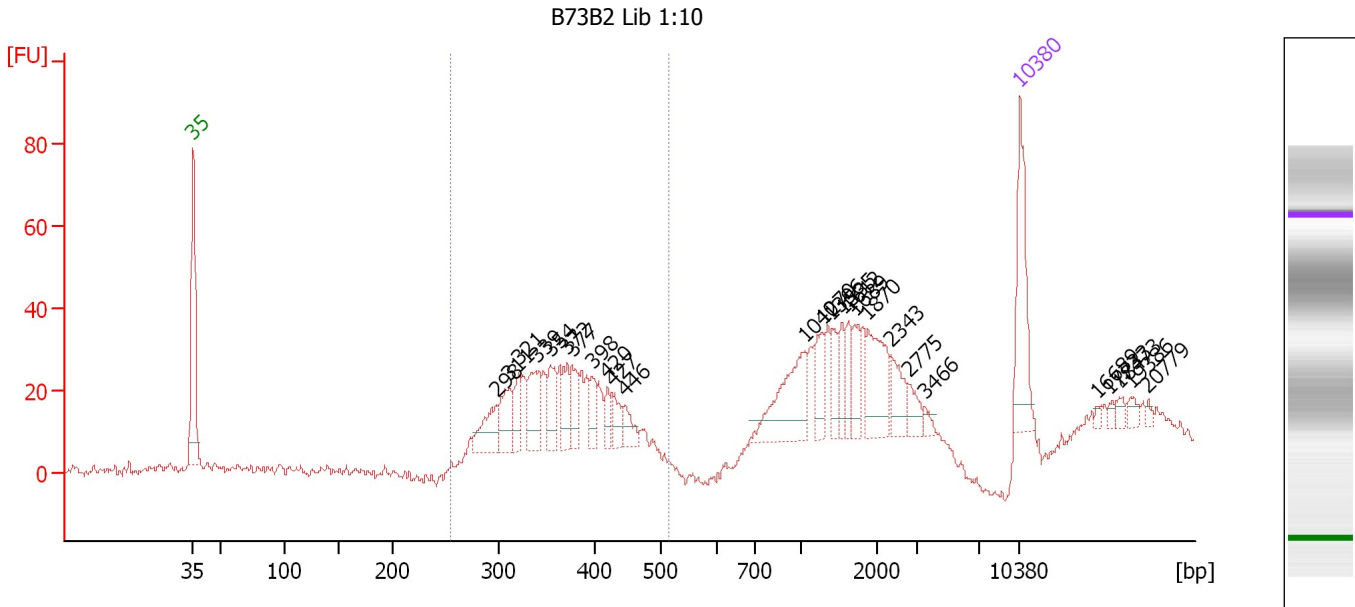
**Region table for sample 3 : B73B1 Lib 1:10**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
260	580	384	3,528.6	875.26	399.2	89	13.5	Blue

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-07\2013-01-07\_004.xad

Created: 1/7/2013 4:18:43 PM  
 Modified: 1/7/2013 5:03:33 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 4 : B73B2 Lib 1:10**

Number of peaks found: 26                      Corr. Area 1: 304.2  
 Noise: 1.0

**Peak table for sample 4 : B73B2 Lib 1:10**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	298	48.76	248.1	
3	311	44.46	216.6	
4	321	31.28	147.8	
5	339	61.71	275.8	
6	354	42.05	180.2	
7	372	34.13	139.0	
8	377	33.70	135.6	
9	398	24.18	92.1	
10	420	17.47	63.0	
11	427	21.60	76.6	
12	446	21.98	74.6	
13	1,040	86.57	126.2	
14	1,270	32.64	38.9	
15	1,396	21.88	23.8	
16	1,535	21.71	21.4	
17	1,612	21.89	20.6	
18	1,689	26.04	23.4	
19	1,870	61.56	49.9	
20	2,343	29.08	18.8	
21	2,775	15.17	8.3	
22	3,466	6.08	2.7	
23	10,380	75.00	10.9	Upper Marker
24	16,689	0.00	0.0	
25	17,733	0.00	0.0	
26	18,473	0.00	0.0	




Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-07\2013-01-07\_004.xad

Created: 1/7/2013 4:18:43 PM  
Modified: 1/7/2013 5:03:33 PM

**Electropherogram Summary Continued ...****... Peak table for sample 4 : B73B2 Lib 1:10**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	19,386	0.00	0.0	
28	20,779	0.00	0.0	

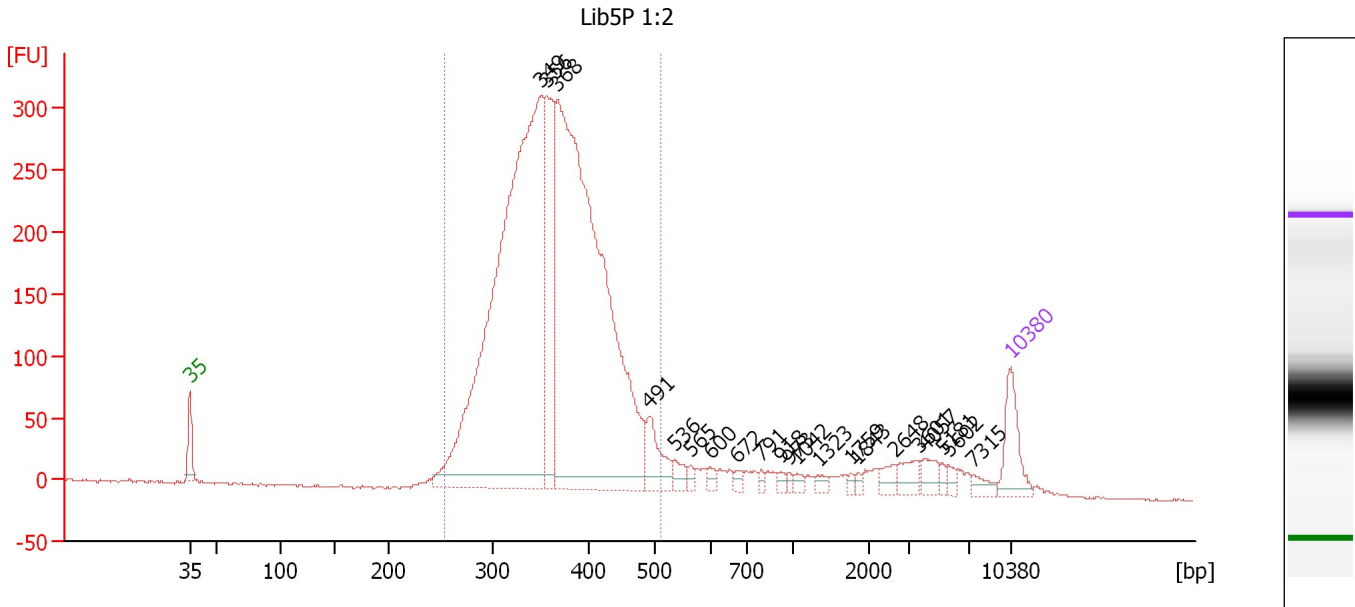
**Region table for sample 4 : B73B2 Lib 1:10**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
254	515	363	2,288.8	536.84	304.2	47	13.2	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-07\2013-01-07\_004.xad

Created: 1/7/2013 4:18:43 PM  
 Modified: 1/7/2013 5:03:33 PM

**Electropherogram Summary Continued ...**



**Setpoint Deviations for sample 5 : Lib5P 1:2**

Height Threshold [FU] : 10

**Overall Results for sample 5 : Lib5P 1:2**

Number of peaks found: 21                      Corr. Area 1: 4,584.7  
 Noise: 1.0


**Peak table for sample 5 : Lib5P 1:2**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	349	1,832.07	7,948.4	
3	356	343.16	1,460.5	
4	368	1,772.46	7,300.8	
5	491	93.28	287.7	
6	536	28.83	81.5	
7	565	10.99	29.4	
8	600	13.51	34.1	
9	672	10.99	24.8	
10	791	8.57	16.4	
11	918	9.22	15.2	
12	973	7.16	11.1	
13	1,042	10.13	14.7	
14	1,323	11.45	13.1	
15	1,759	6.19	5.3	
16	1,843	6.40	5.3	
17	2,648	21.62	12.4	
18	3,601	30.31	12.8	
19	4,057	28.16	10.5	
20	5,181	9.10	2.7	
21	5,602	13.34	3.6	
22	7,315	18.05	3.7	


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-07\2013-01-07\_004.xad

Created: 1/7/2013 4:18:43 PM  
Modified: 1/7/2013 5:03:33 PM

**Electropherogram Summary Continued ...****... Peak table for sample 5 : Lib5P 1:2**

Peak	Size [bp]	Conc. [pg/ $\mu$ l]	Molarity [pmol/l]	Observations
23	 10,380	75.00	10.9	Upper Marker

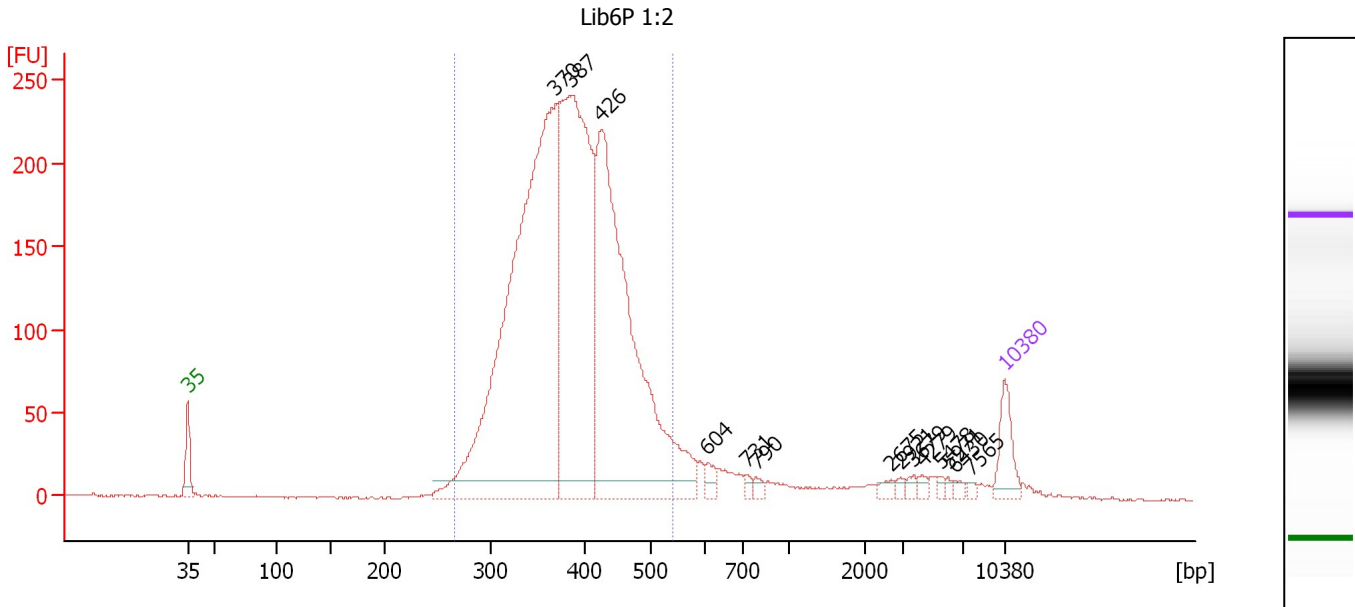
**Region table for sample 5 : Lib5P 1:2**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ $\mu$ l]	Corr. Area	% of Total	Size distribution in CV [%]	Color
254	513	365	17,394.7	4,083.64	4,584.7	88	14.1	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-07\2013-01-07\_004.xad

Created: 1/7/2013 4:18:43 PM  
 Modified: 1/7/2013 5:03:33 PM

**Electropherogram Summary Continued ...**



**Setpoint Deviations for sample 6 : Lib6P 1:2**

Height Threshold [FU] : 10

**Overall Results for sample 6 : Lib6P 1:2**

Number of peaks found: 14      Corr. Area 1: 3,528.8  
 Noise: 0.6

**Peak table for sample 6 : Lib6P 1:2**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	370	2,050.14	8,404.0	
3	387	1,318.46	5,167.1	
4	426	1,394.40	4,959.2	
5	604	28.07	70.4	
6	731	10.79	22.3	
7	790	16.23	31.1	
8	2,675	13.89	7.9	
9	2,921	9.95	5.2	
10	3,679	11.29	4.7	
11	4,279	12.48	4.4	
12	5,478	9.77	2.7	
13	5,971	6.69	1.7	
14	6,430	11.20	2.6	
15	7,565	7.59	1.5	
16	10,380	75.00	10.9	Upper Marker

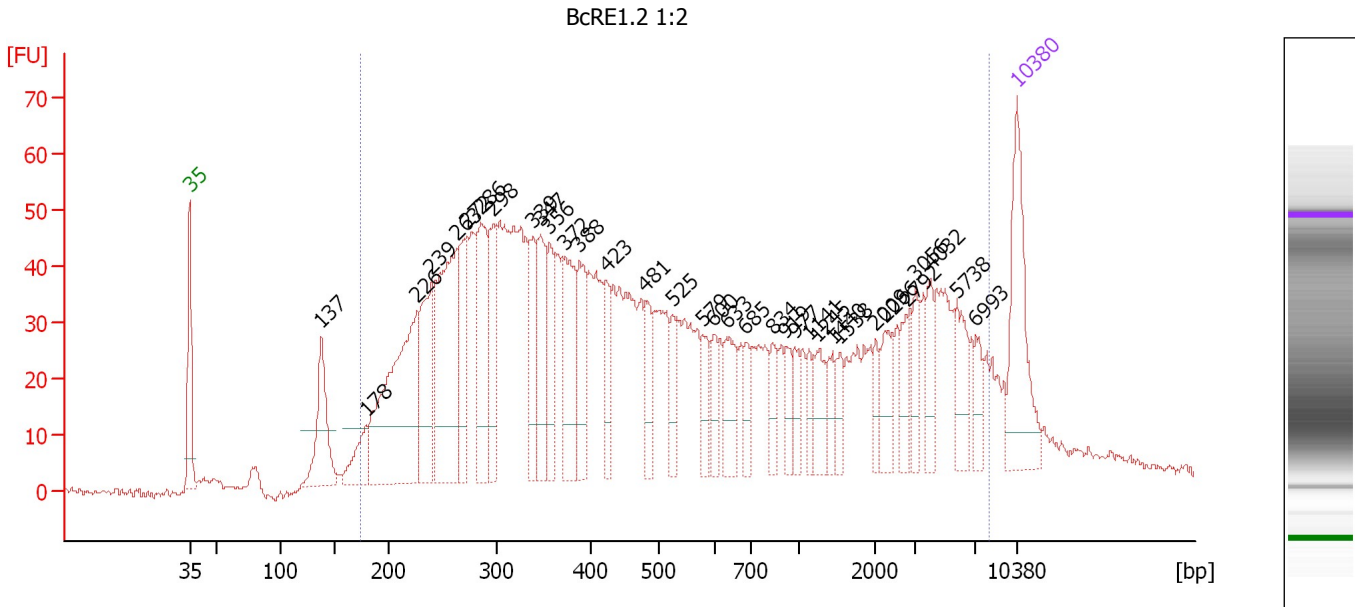
**Region table for sample 6 : Lib6P 1:2**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
267	539	388	18,972.3	4,741.91	3,528.8	90	14.2	Blue

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-07\2013-01-07\_004.xad

Created: 1/7/2013 4:18:43 PM  
 Modified: 1/7/2013 5:03:33 PM

**Electropherogram Summary Continued ...**



**Setpoint Deviations for sample 7 : BcRE1.2 1:2**

Height Threshold [FU] : 10

**Overall Results for sample 7 : BcRE1.2 1:2**

Number of peaks found: 34                      Corr. Area 1: 2,083.2  
 Noise: 0.6

**Peak table for sample 7 : BcRE1.2 1:2**


Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	137	90.21	995.7	
3	178	39.28	334.1	
4	226	233.05	1,559.3	
5	239	103.11	652.4	
6	263	196.98	1,135.1	
7	272	68.24	379.5	
8	286	97.28	515.5	
9	298	72.05	366.4	
10	339	54.02	241.4	
11	347	67.75	295.9	
12	356	49.66	211.1	
13	372	83.74	341.0	
14	388	57.84	226.0	
15	423	34.60	123.9	
16	481	31.56	99.4	
17	525	25.63	74.0	
18	579	25.34	66.4	
19	600	21.43	54.2	
20	633	38.78	92.7	
21	685	18.97	42.0	
22	834	22.37	40.7	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-07\2013-01-07\_004.xad


Created: 1/7/2013 4:18:43 PM  
 Modified: 1/7/2013 5:03:33 PM

**Electropherogram Summary Continued ...**

**... Peak table for sample 7 : BcRE1.2 1:2**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
23	919	18.58	30.6	
24	977	16.49	25.6	
25	1,141	15.33	20.4	
26	1,245	25.20	30.7	
27	1,440	17.75	18.7	
28	1,538	14.77	14.6	
29	2,009	13.72	10.3	
30	2,266	25.13	16.8	
31	2,792	20.64	11.2	
32	3,056	19.52	9.7	
33	4,032	23.25	8.7	
34	5,738	31.52	8.3	
35	6,993	16.62	3.6	
36	 10,380	75.00	10.9	Upper Marker

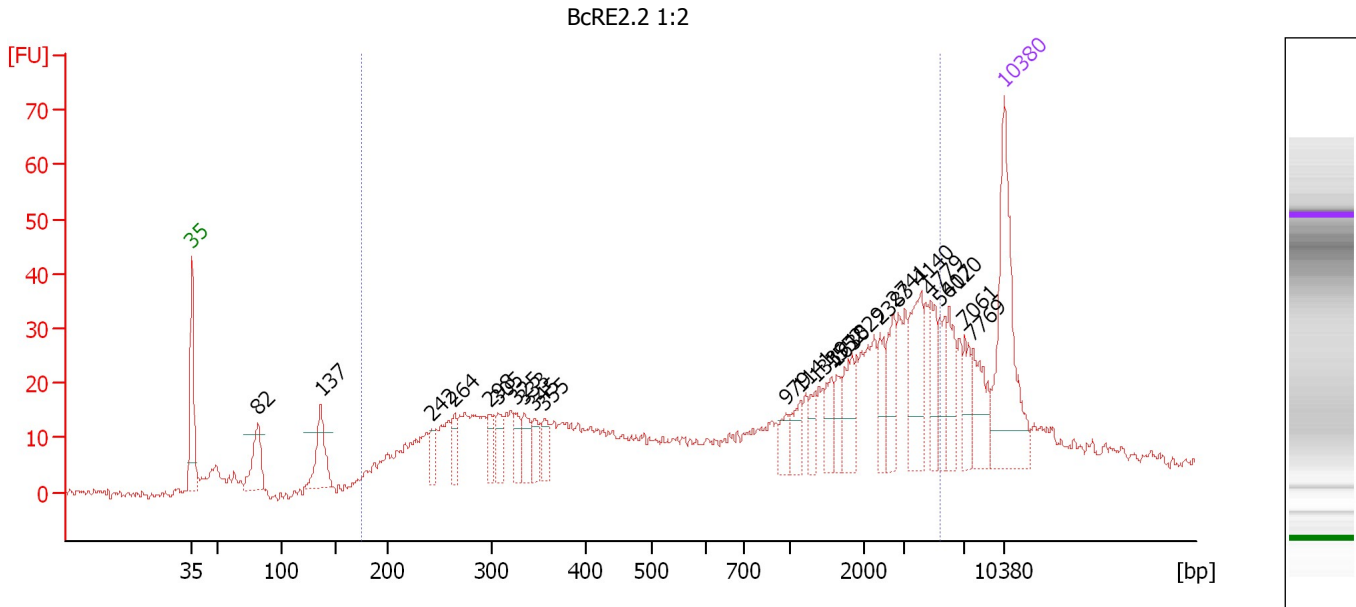
**Region table for sample 7 : BcRE1.2 1:2**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
173	8,069	1,164	10,677.6	2,672.21	2,083.2	94	100.0	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-07\2013-01-07\_004.xad

Created: 1/7/2013 4:18:43 PM  
 Modified: 1/7/2013 5:03:33 PM

**Electropherogram Summary Continued ...**



**Setpoint Deviations for sample 8 : BcRE2.2 1:2**

Height Threshold [FU] : 10

**Overall Results for sample 8 : BcRE2.2 1:2**

Number of peaks found: 24                      Corr. Area 1: 722.6  
 Noise: 0.7

**Peak table for sample 8 : BcRE2.2 1:2**


Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	82	39.41	732.4	
3	137	44.15	488.3	
4	242	15.45	96.7	
5	264	16.58	95.2	
6	298	15.59	79.3	
7	305	18.87	93.6	
8	325	14.46	67.5	
9	333	19.96	90.8	
10	345	14.41	63.2	
11	355	16.51	70.4	
12	979	10.86	16.8	
13	1,141	14.38	19.1	
14	1,339	9.75	11.0	
15	1,552	15.92	15.5	
16	1,630	10.35	9.6	
17	1,829	22.43	18.6	
18	2,383	15.08	9.6	
19	2,741	20.79	11.5	
20	4,140	38.45	14.1	
21	4,779	19.22	6.1	
22	5,417	16.88	4.7	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-07\2013-01-07\_004.xad


Created: 1/7/2013 4:18:43 PM  
 Modified: 1/7/2013 5:03:33 PM

### Electropherogram Summary Continued ...

#### ... Peak table for sample 8 : BcRE2.2 1:2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
23	6,020	20.32	5.1	
24	7,061	15.21	3.3	
25	7,769	25.80	5.0	
26	 10,380	75.00	10.9	Upper Marker

#### Region table for sample 8 : BcRE2.2 1:2

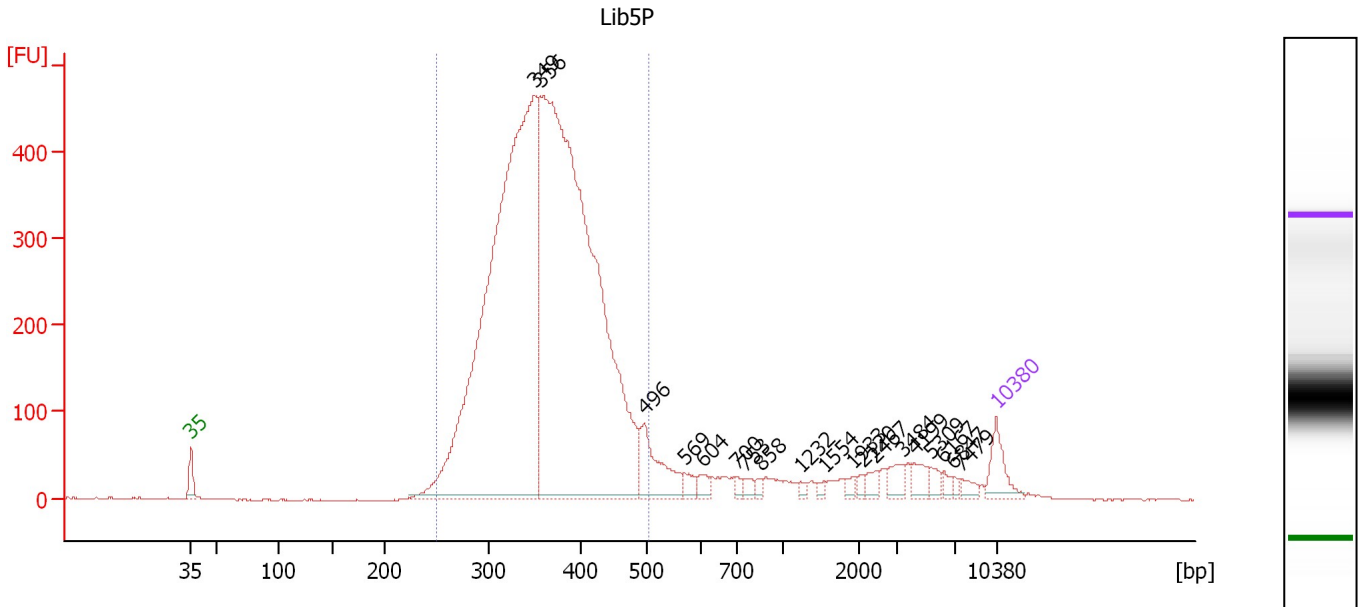
From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
175	5,434	1,501	2,786.2	841.40	722.6	79	94.0	



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-07\2013-01-07\_004.xad

Created: 1/7/2013 4:18:43 PM  
 Modified: 1/7/2013 5:03:33 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 9 : Lib5P**

Number of peaks found: 19      Corr. Area 1: 6,797.6  
 Noise: 1.0

**Peak table for sample 9 : Lib5P**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	349	3,142.09	13,623.6	
3	356	3,610.27	15,375.4	
4	496	216.06	659.6	
5	569	35.43	94.3	
6	604	31.53	79.1	
7	700	17.49	37.8	
8	753	22.11	44.5	
9	858	14.99	26.5	
10	1,232	12.62	15.5	
11	1,554	11.66	11.4	
12	1,933	17.12	13.4	
13	2,120	15.38	11.0	
14	2,467	25.14	15.4	
15	3,484	42.48	18.5	
16	4,199	41.51	15.0	
17	5,309	26.01	7.4	
18	6,167	16.84	4.1	
19	6,847	10.92	2.4	
20	7,479	21.60	4.4	
21	10,380	75.00	10.9	Upper Marker

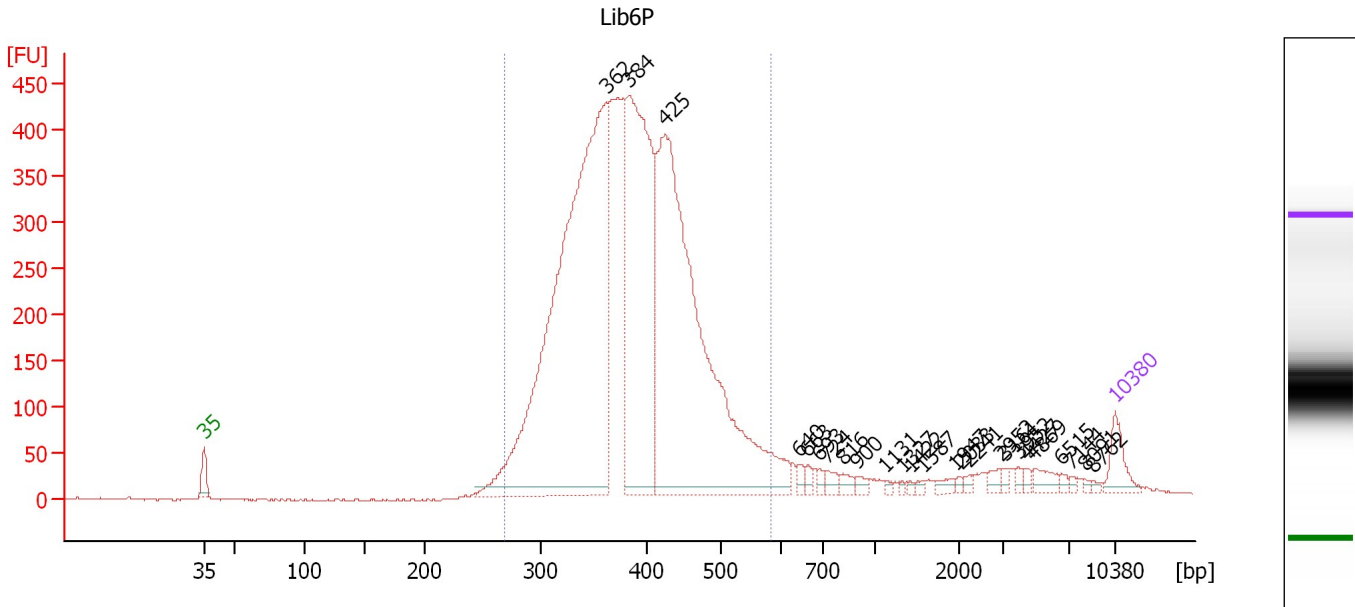
**Region table for sample 9 : Lib5P**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
250	505	363	29,112.9	6,795.53	6,797.6	88	14.2	Blue

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-07\2013-01-07\_004.xad

Created: 1/7/2013 4:18:43 PM  
 Modified: 1/7/2013 5:03:33 PM

**Electropherogram Summary Continued ...**



**Setpoint Deviations for sample 10 : Lib6P**

Height Threshold [FU] : 10

**Overall Results for sample 10 : Lib6P**

Number of peaks found: 25                      Corr. Area 1: 7,083.7  
 Noise: 0.9

**Peak table for sample 10 : Lib6P**


Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	362	3,157.47	13,219.7	
3	384	1,474.03	5,820.1	
4	425	2,470.29	8,801.9	
5	640	27.04	64.0	
6	663	21.11	48.2	
7	693	20.19	44.1	
8	724	29.69	62.2	
9	816	26.87	49.9	
10	900	20.77	35.0	
11	1,131	7.78	10.4	
12	1,327	6.81	7.8	
13	1,422	7.03	7.5	
14	1,587	9.12	8.7	
15	1,947	19.16	14.9	
16	2,033	8.43	6.3	
17	2,241	12.53	8.5	
18	2,952	20.25	10.4	
19	3,161	11.72	5.6	
20	3,952	12.93	5.0	
21	4,427	14.23	4.9	
22	4,869	39.22	12.2	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-07\2013-01-07\_004.xad

Created: 1/7/2013 4:18:43 PM  
 Modified: 1/7/2013 5:03:33 PM

### Electropherogram Summary Continued ...

#### ... Peak table for sample 10 : Lib6P

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
23	6,515	12.23	2.8	
24	7,144	8.42	1.8	
25	8,091	6.15	1.2	
26	8,762	6.66	1.2	
27	 10,380	75.00	10.9	Upper Marker

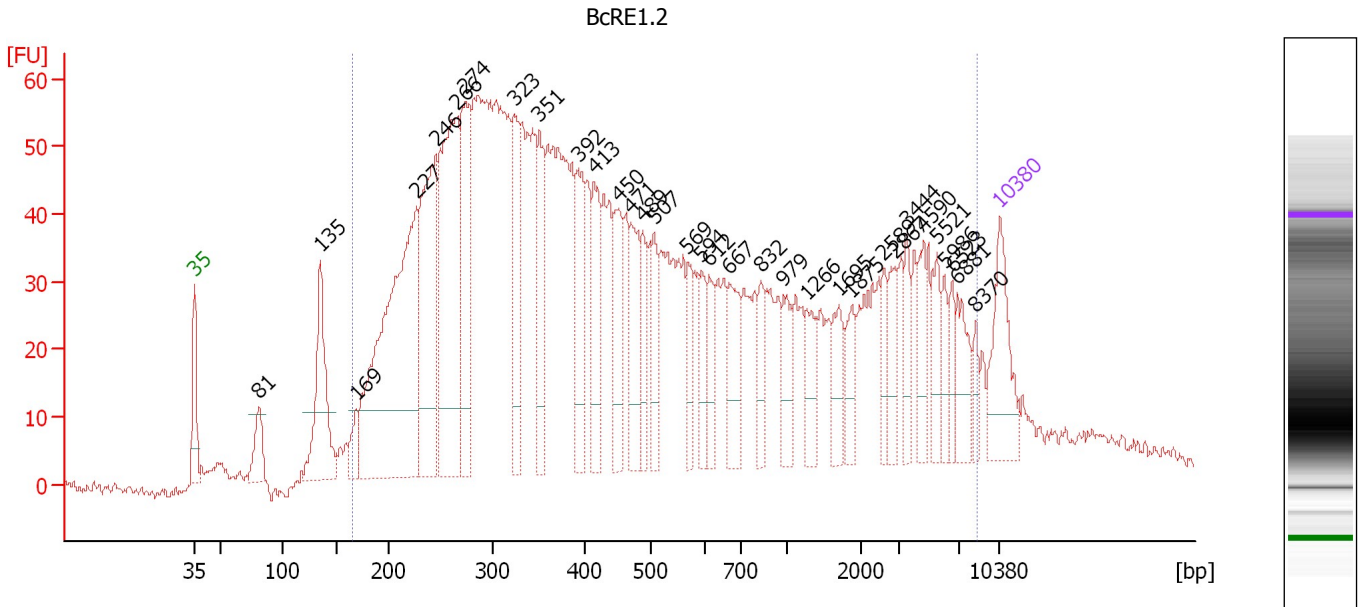
#### Region table for sample 10 : Lib6P

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
269	583	390	32,203.6	8,027.74	7,083.7	91	15.8	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-07\2013-01-07\_004.xad

Created: 1/7/2013 4:18:43 PM  
 Modified: 1/7/2013 5:03:33 PM

**Electropherogram Summary Continued ...**



**Setpoint Deviations for sample 11 : BcRE1.2**

Height Threshold [FU] : 10

**Overall Results for sample 11 : BcRE1.2**

Number of peaks found: 33                      Corr. Area 1: 2,398.4  
 Noise: 1.1

**Peak table for sample 11 : BcRE1.2**


Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	81	54.80	1,028.4	
3	135	176.75	1,982.1	
4	169	34.47	309.1	
5	227	528.40	3,523.1	
6	246	274.95	1,695.2	
7	266	361.99	2,063.6	
8	274	181.28	1,002.4	
9	323	116.73	547.2	
10	351	101.67	439.1	
11	392	105.29	406.7	
12	413	91.23	334.3	
13	450	86.64	291.6	
14	471	83.59	269.1	
15	489	51.71	160.3	
16	507	57.23	171.1	
17	569	40.12	106.9	
18	594	42.79	109.1	
19	612	43.75	108.3	
20	667	68.09	154.6	
21	832	34.28	62.4	
22	979	43.15	66.8	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-07\2013-01-07\_004.xad


Created: 1/7/2013 4:18:43 PM  
 Modified: 1/7/2013 5:03:33 PM

**Electropherogram Summary Continued ...**

**... Peak table for sample 11 : BcRE1.2**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
23	1,266	39.32	47.1	
24	1,695	37.36	33.4	
25	1,875	31.27	25.3	
26	2,589	24.70	14.5	
27	2,867	30.85	16.3	
28	3,444	30.95	13.6	
29	4,590	33.10	10.9	
30	5,521	33.70	9.2	
31	5,986	22.19	5.6	
32	6,523	21.14	4.9	
33	6,881	42.37	9.3	
34	8,370	15.51	2.8	
35	 10,380	75.00	10.9	Upper Marker

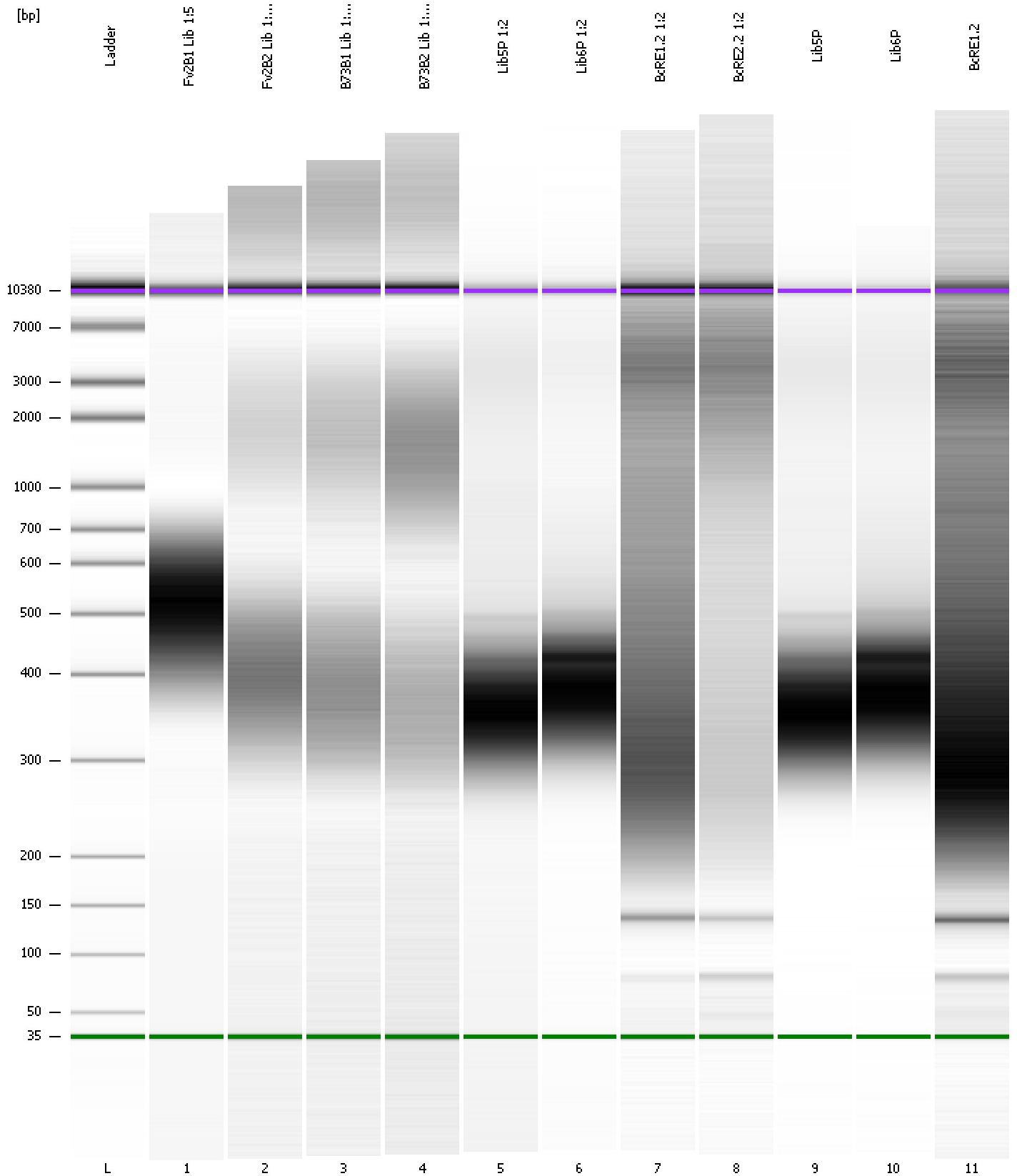
**Region table for sample 11 : BcRE1.2**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
166	8,418	1,083	20,350.2	4,904.51	2,398.4	94	100.0	

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-07\2013-01-07\_004.xad

Created: 1/7/2013 4:18:43 PM  
Modified: 1/7/2013 5:03:33 PM

**Gel Image**



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-01-07\2013-01-07\_004.xad

Created: 1/7/2013 4:18:43 PM  
 Modified: 1/7/2013 5:03:33 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		1/7/2013 4:59:57 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Documents and Settings\Bioanalyzer\2013-01-07\2013-01-07_004.xad)		Instrument	Run		1/7/2013 4:18:43 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938B		Instrument	Run		1/7/2013 4:18:43 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		1/7/2013 4:18:43 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		1/7/2013 4:18:43 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE13701086		Instrument	Run		1/7/2013 4:18:43 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		1/7/2013 4:18:43 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		1/7/2013 4:18:43 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1