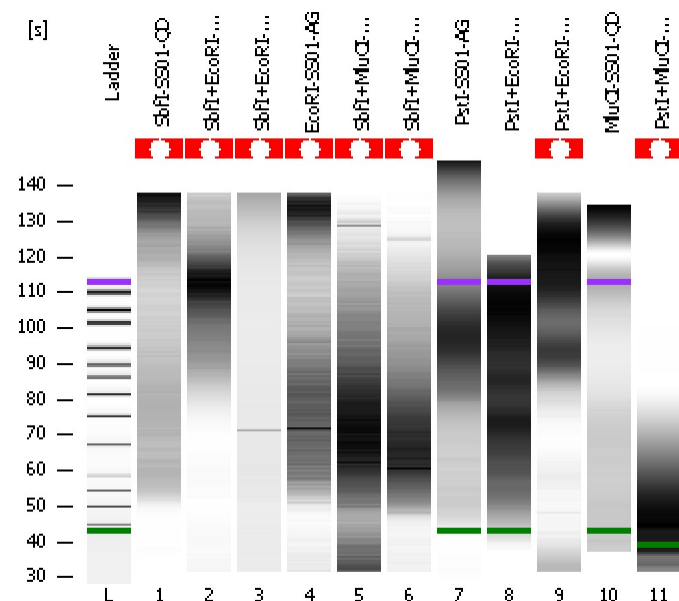


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...gh Sensitivity DNA Assay\_DE72901330\_2014-01-06\_16-05-54.xad

Created: 1/6/2014 4:05:54 PM  
Modified: 1/6/2014 5:13:07 PM

### Electrophoresis File Run Summary



#### Instrument Information:

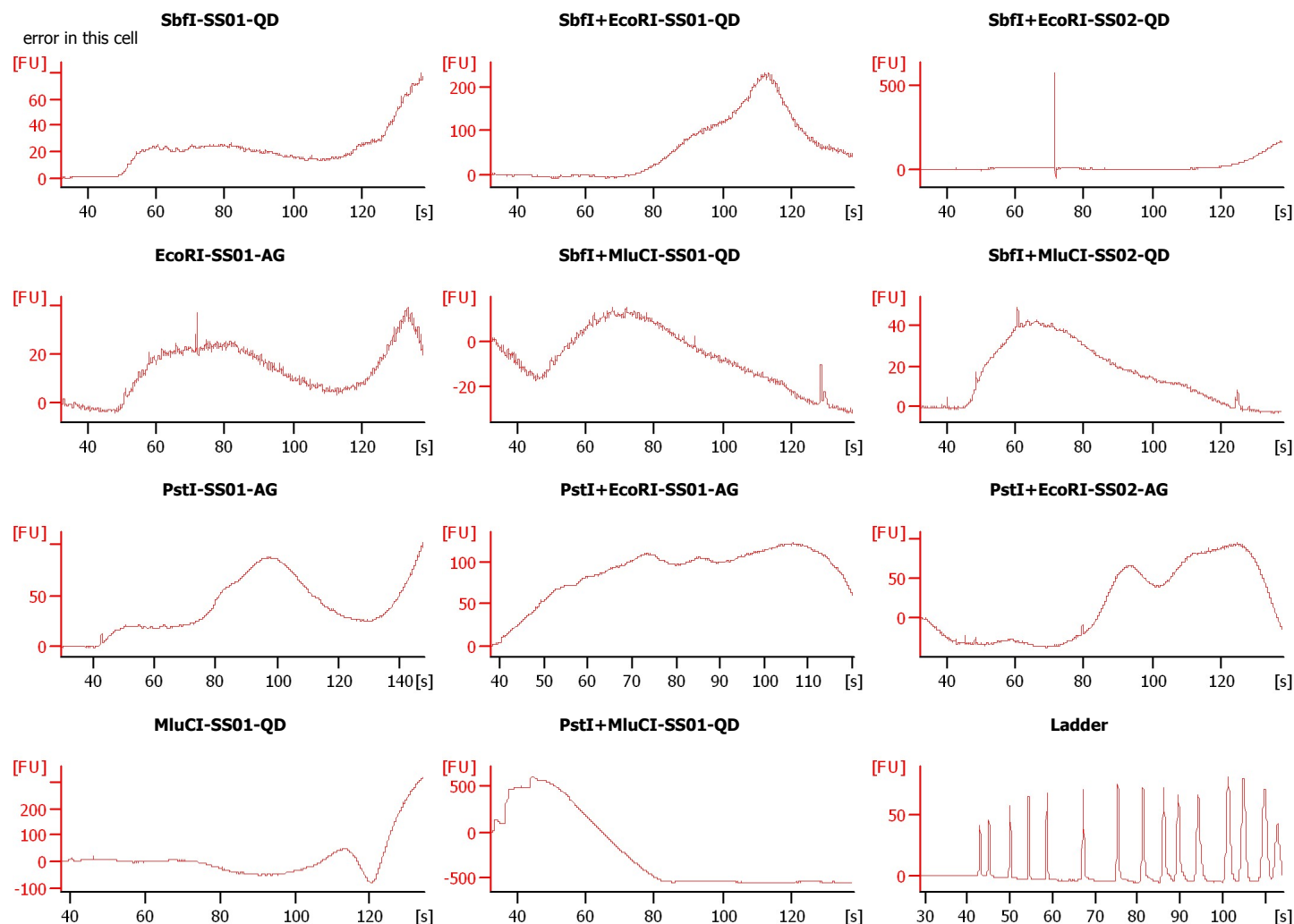
Instrument Name: DE72901330  
Serial#: DE72901330  
Firmware: C.01.069  
Type: G2939A

#### 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: 1.0  
Assay Comments: Copyright © 2003-2009 Agilent Technologies

#### Chip Information:

Chip Lot #: 1326  
Reagent Kit Lot #: 1326  
Chip Comments:



Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...gh Sensitivity DNA Assay\_DE72901330\_2014-01-06\_16-05-54.xad

Created: 1/6/2014 4:05:54 PM  
Modified: 1/6/2014 5:13:07 PM

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

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
SbfI-SS01-QD	error in this cell	<input checked="" type="checkbox"/>		✓		
SbfI+EcoRI-SS01-QD		<input checked="" type="checkbox"/>		✓		
SbfI+EcoRI-SS02-QD		<input checked="" type="checkbox"/>		✓		
EcoRI-SS01-AG		<input checked="" type="checkbox"/>		✓		
SbfI+MluCI-SS01-QD		<input checked="" type="checkbox"/>		✓		
SbfI+MluCI-SS02-QD		<input checked="" type="checkbox"/>		✓		
PstI-SS01-AG		<input checked="" type="checkbox"/>		✓		
PstI+EcoRI-SS01-AG		<input checked="" type="checkbox"/>		✓		
PstI+EcoRI-SS02-AG		<input checked="" type="checkbox"/>		✓		
MluCI-SS01-QD		<input checked="" type="checkbox"/>		✓		
PstI+MluCI-SS01-QD		<input checked="" type="checkbox"/>		✓		

**Chip Lot #****Reagent Kit Lot #**

1326

**Chip Comments :**

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...gh Sensitivity DNA Assay\_DE72901330\_2014-01-06\_16-05-54.xad

Created: 1/6/2014 4:05:54 PM  
Modified: 1/6/2014 5:13:07 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

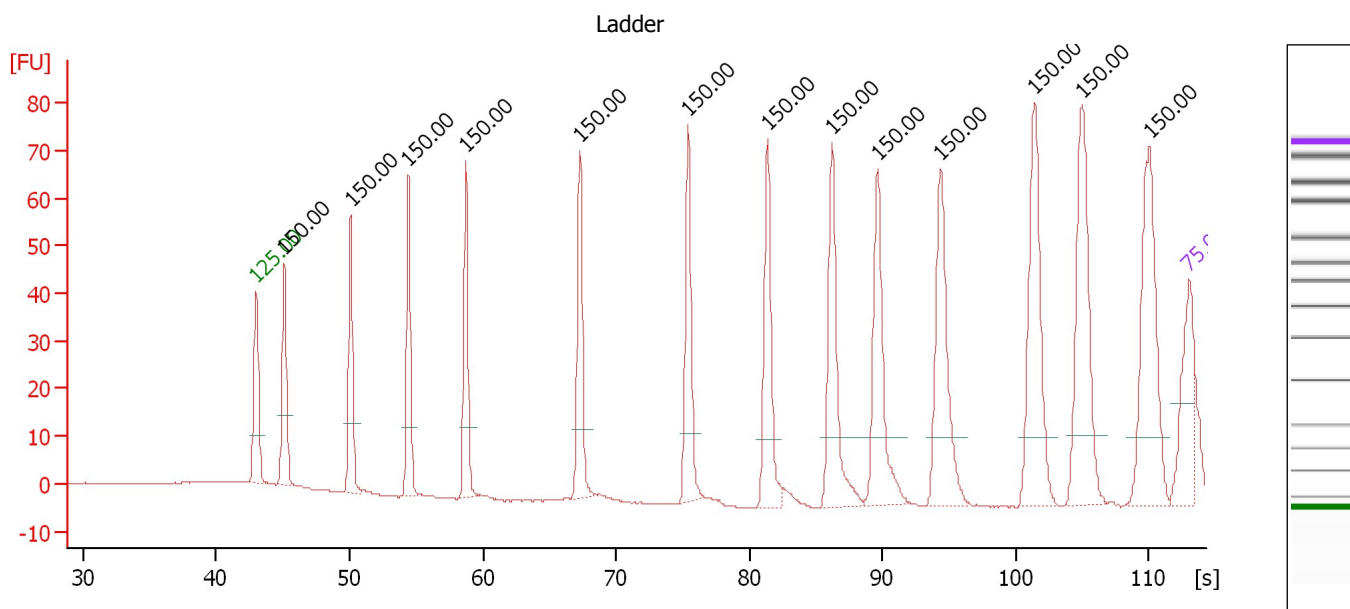
### Ladder

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:\...gh Sensitivity DNA Assay\_DE72901330\_2014-01-06\_16-05-54.xad

Created: 1/6/2014 4:05:54 PM  
 Modified: 1/6/2014 5:13:07 PM

### Electropherogram Summary



### Setpoint Deviations for sample 12 : Ladder

Height Threshold [FU] : 20      Baseline Plateau [s] : 0.3  
 Area Threshold : 0

### Overall Results for Ladder

Noise: 0.1

### Peak table for Ladder

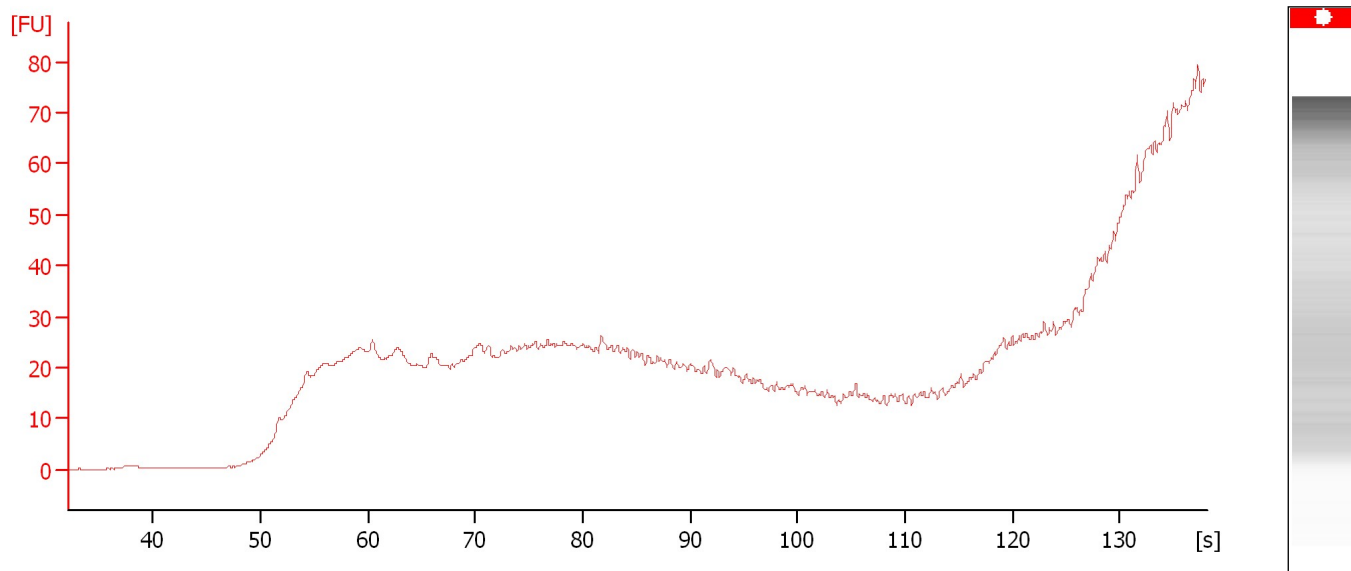
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	50	150.00	4,545.5	Ladder Peak
3	100	150.00	2,272.7	Ladder Peak
4	150	150.00	1,515.2	Ladder Peak
5	200	150.00	1,136.4	Ladder Peak
6	300	150.00	757.6	Ladder Peak
7	400	150.00	568.2	Ladder Peak
8	500	150.00	454.5	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:\...gh Sensitivity DNA Assay\_DE72901330\_2014-01-06\_16-05-54.xad

Created: 1/6/2014 4:05:54 PM  
Modified: 1/6/2014 5:13:07 PM

**Electropherogram Summary Continued ...**

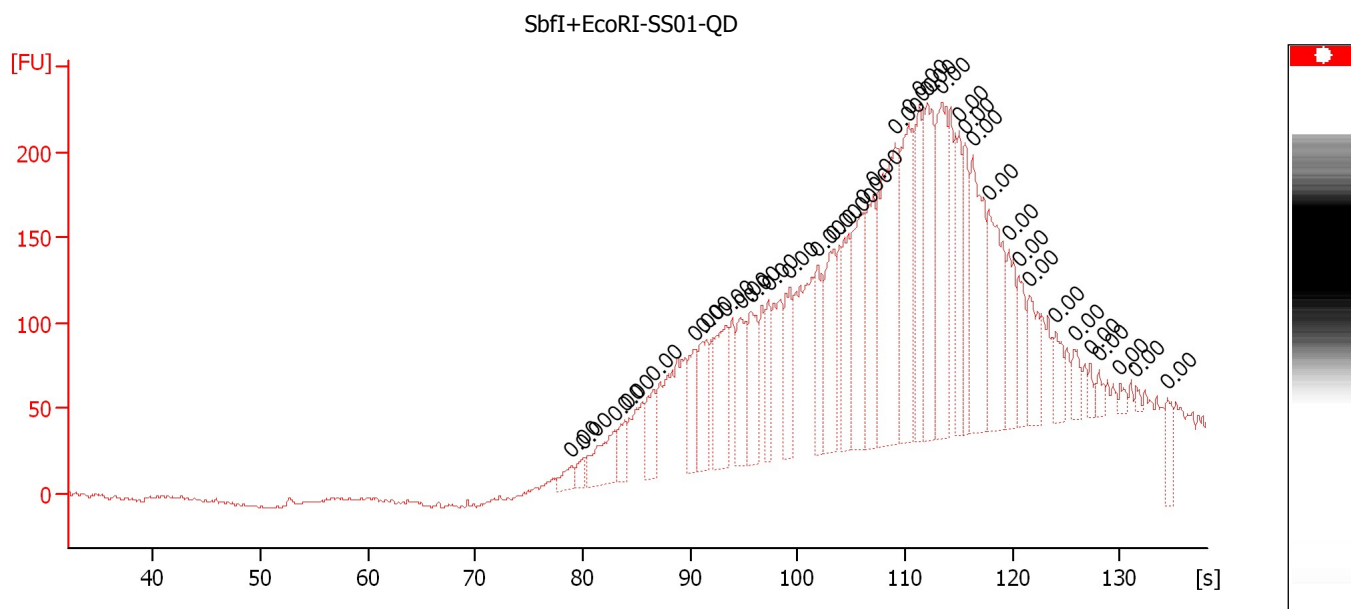
SbfI-SS01-QD [ error in this cell ]

**Overall Results for sample 1 : SbfI-SS01-QD**

Noise: 0.1

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...gh Sensitivity DNA Assay\_DE72901330\_2014-01-06\_16-05-54.xad

Created: 1/6/2014 4:05:54 PM  
Modified: 1/6/2014 5:13:07 PM

**Electropherogram Summary Continued ...****Overall Results for sample 2 : SbfI+EcoRI-SS01-QD**

Number of peaks found: 0 Noise: 0.8

**Peak table for sample 2 : SbfI+EcoRI-SS01-QD**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	0	0.00	0.0	
2	0	0.00	0.0	
3	0	0.00	0.0	
4	0	0.00	0.0	
5	0	0.00	0.0	
6	0	0.00	0.0	
7	0	0.00	0.0	
8	0	0.00	0.0	
9	0	0.00	0.0	
10	0	0.00	0.0	
11	0	0.00	0.0	
12	0	0.00	0.0	
13	0	0.00	0.0	
14	0	0.00	0.0	
15	0	0.00	0.0	
16	0	0.00	0.0	
17	0	0.00	0.0	
18	0	0.00	0.0	
19	0	0.00	0.0	
20	0	0.00	0.0	
21	0	0.00	0.0	
22	0	0.00	0.0	
23	0	0.00	0.0	
24	0	0.00	0.0	
25	0	0.00	0.0	
26	0	0.00	0.0	
27	0	0.00	0.0	

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...gh Sensitivity DNA Assay\_DE72901330\_2014-01-06\_16-05-54.xad

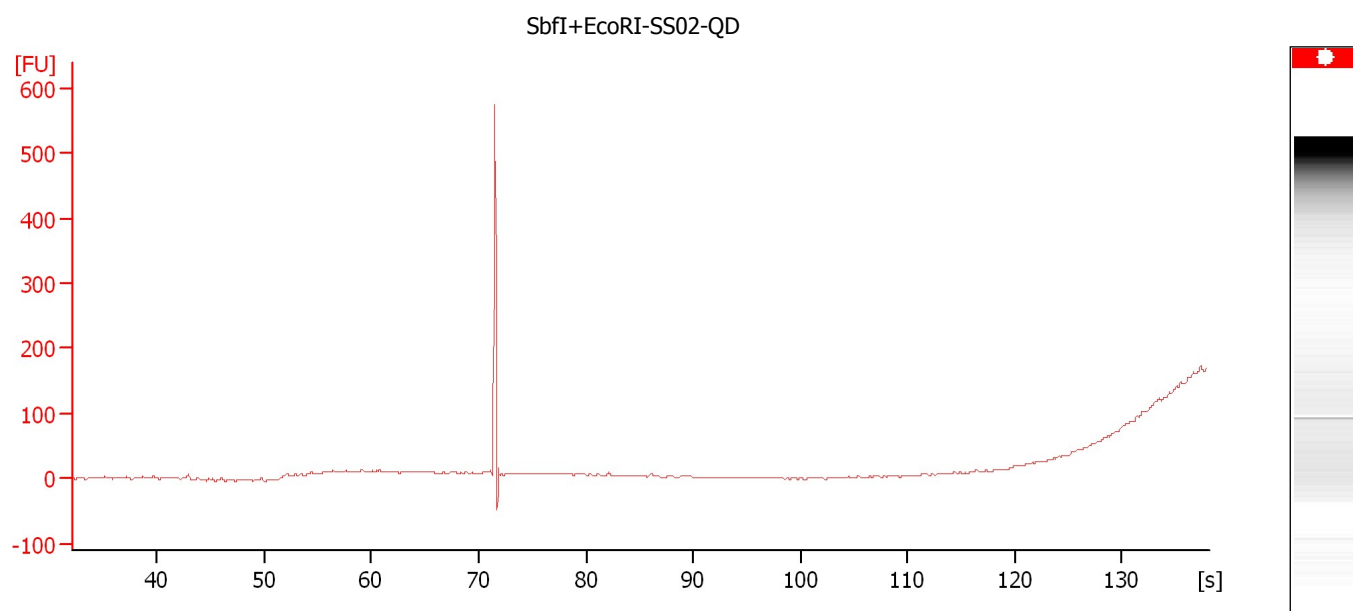
Created: 1/6/2014 4:05:54 PM  
Modified: 1/6/2014 5:13:07 PM

**Electropherogram Summary Continued ...****... Peak table for sample 2 : SbfI+EcoRI-SS01-QD**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
28	0	0.00	0.0	
29	0	0.00	0.0	
30	0	0.00	0.0	
31	0	0.00	0.0	
32	0	0.00	0.0	
33	0	0.00	0.0	
34	0	0.00	0.0	
35	0	0.00	0.0	
36	0	0.00	0.0	

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...gh Sensitivity DNA Assay\_DE72901330\_2014-01-06\_16-05-54.xad

Created: 1/6/2014 4:05:54 PM  
Modified: 1/6/2014 5:13:07 PM

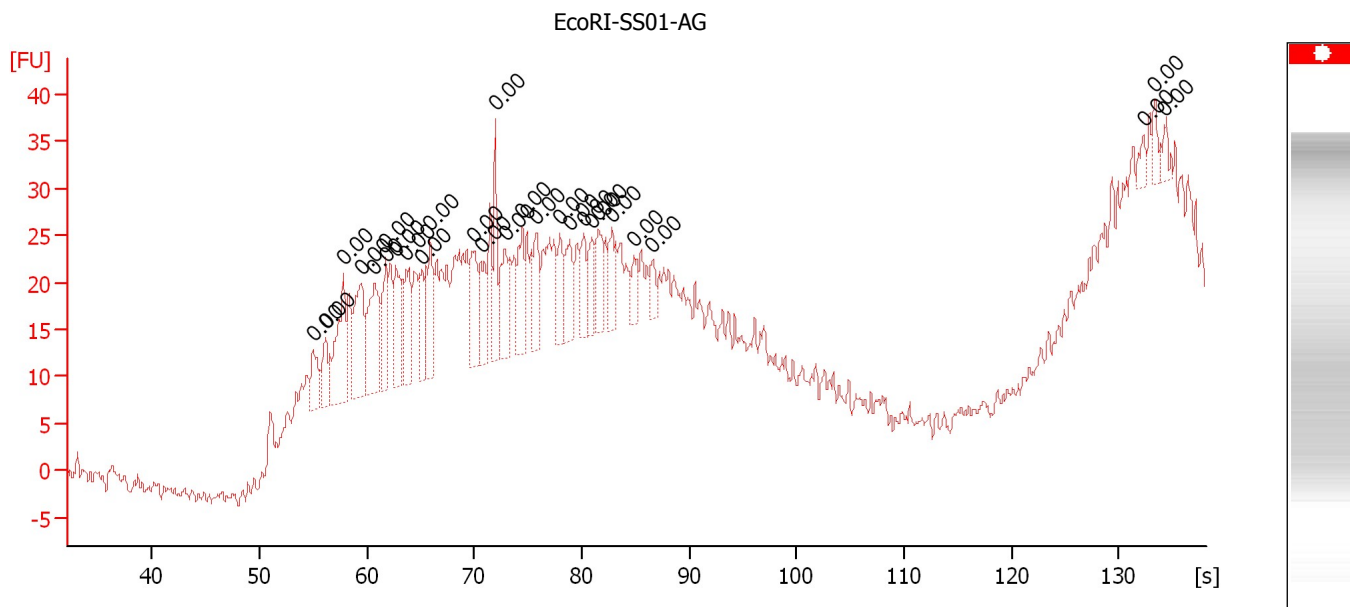
**Electropherogram Summary Continued ...****Overall Results for sample 3 : SbfI+EcoRI-SS02-QD**

Noise: 1.1



Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...gh Sensitivity DNA Assay\_DE72901330\_2014-01-06\_16-05-54.xad

Created: 1/6/2014 4:05:54 PM  
Modified: 1/6/2014 5:13:07 PM

**Electropherogram Summary Continued ...****Overall Results for sample 4 : EcoRI-SS01-AG**

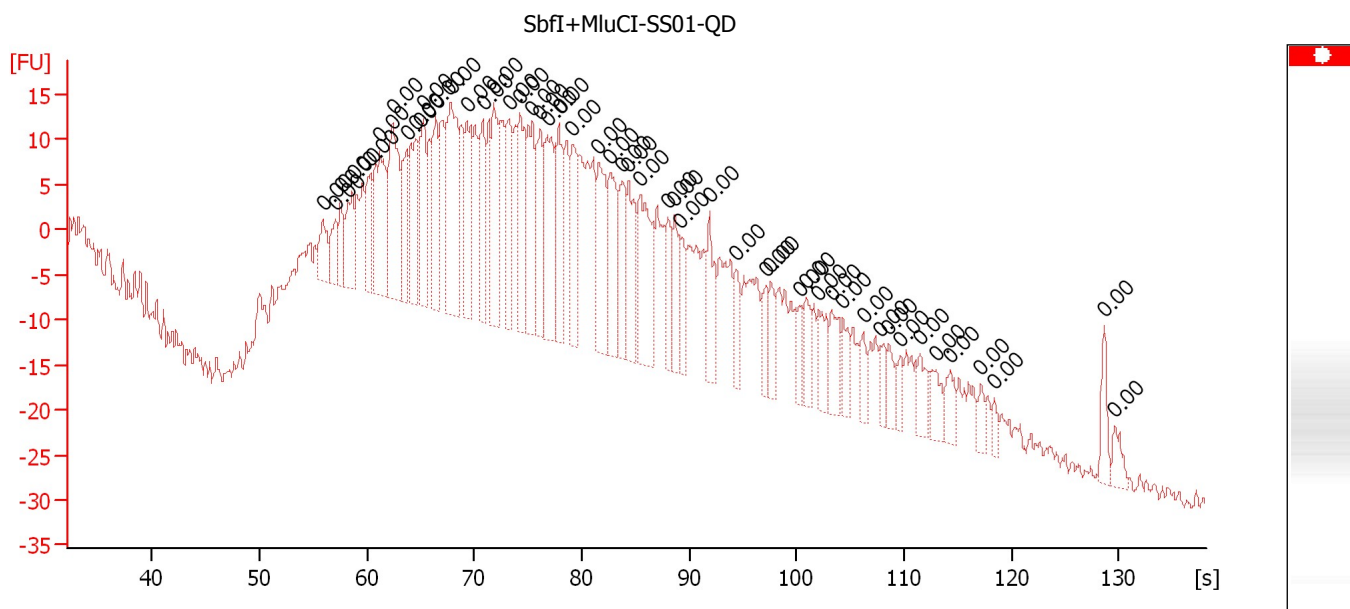
Number of peaks found: 0 Noise: 0.9

**Peak table for sample 4 : EcoRI-SS01-AG**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	0	0.00	0.0	
2	0	0.00	0.0	
3	0	0.00	0.0	
4	0	0.00	0.0	
5	0	0.00	0.0	
6	0	0.00	0.0	
7	0	0.00	0.0	
8	0	0.00	0.0	
9	0	0.00	0.0	
10	0	0.00	0.0	
11	0	0.00	0.0	
12	0	0.00	0.0	
13	0	0.00	0.0	
14	0	0.00	0.0	
15	0	0.00	0.0	
16	0	0.00	0.0	
17	0	0.00	0.0	
18	0	0.00	0.0	
19	0	0.00	0.0	
20	0	0.00	0.0	
21	0	0.00	0.0	
22	0	0.00	0.0	
23	0	0.00	0.0	
24	0	0.00	0.0	
25	0	0.00	0.0	
26	0	0.00	0.0	
27	0	0.00	0.0	

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...gh Sensitivity DNA Assay\_DE72901330\_2014-01-06\_16-05-54.xad

Created: 1/6/2014 4:05:54 PM  
Modified: 1/6/2014 5:13:07 PM

**Electropherogram Summary Continued ...****Overall Results for sample 5 : SbfI+MluCI-SS01-QD**

Number of peaks found: 0 Noise: 1.3

**Peak table for sample 5 : SbfI+MluCI-SS01-QD**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	0	0.00	0.0	
2	0	0.00	0.0	
3	0	0.00	0.0	
4	0	0.00	0.0	
5	0	0.00	0.0	
6	0	0.00	0.0	
7	0	0.00	0.0	
8	0	0.00	0.0	
9	0	0.00	0.0	
10	0	0.00	0.0	
11	0	0.00	0.0	
12	0	0.00	0.0	
13	0	0.00	0.0	
14	0	0.00	0.0	
15	0	0.00	0.0	
16	0	0.00	0.0	
17	0	0.00	0.0	
18	0	0.00	0.0	
19	0	0.00	0.0	
20	0	0.00	0.0	
21	0	0.00	0.0	
22	0	0.00	0.0	
23	0	0.00	0.0	
24	0	0.00	0.0	
25	0	0.00	0.0	
26	0	0.00	0.0	
27	0	0.00	0.0	

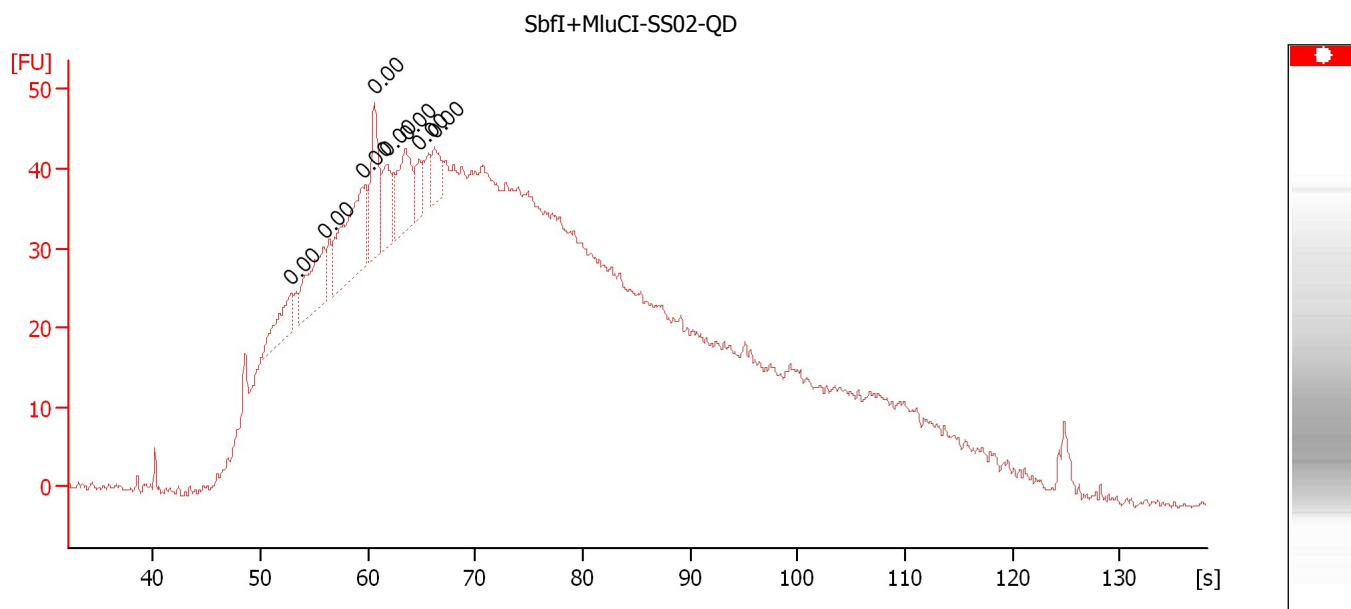
Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...gh Sensitivity DNA Assay\_DE72901330\_2014-01-06\_16-05-54.xad

Created: 1/6/2014 4:05:54 PM  
Modified: 1/6/2014 5:13:07 PM

**Electropherogram Summary Continued ...****... Peak table for sample 5 : SbfI+MluCI-SS01-QD**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
28	0	0.00	0.0	
29	0	0.00	0.0	
30	0	0.00	0.0	
31	0	0.00	0.0	
32	0	0.00	0.0	
33	0	0.00	0.0	
34	0	0.00	0.0	
35	0	0.00	0.0	
36	0	0.00	0.0	
37	0	0.00	0.0	
38	0	0.00	0.0	
39	0	0.00	0.0	
40	0	0.00	0.0	
41	0	0.00	0.0	
42	0	0.00	0.0	
43	0	0.00	0.0	
44	0	0.00	0.0	
45	0	0.00	0.0	
46	0	0.00	0.0	
47	0	0.00	0.0	
48	0	0.00	0.0	
49	0	0.00	0.0	
50	0	0.00	0.0	

Created: 1/6/2014 4:05:54 PM  
Modified: 1/6/2014 5:13:07 PM

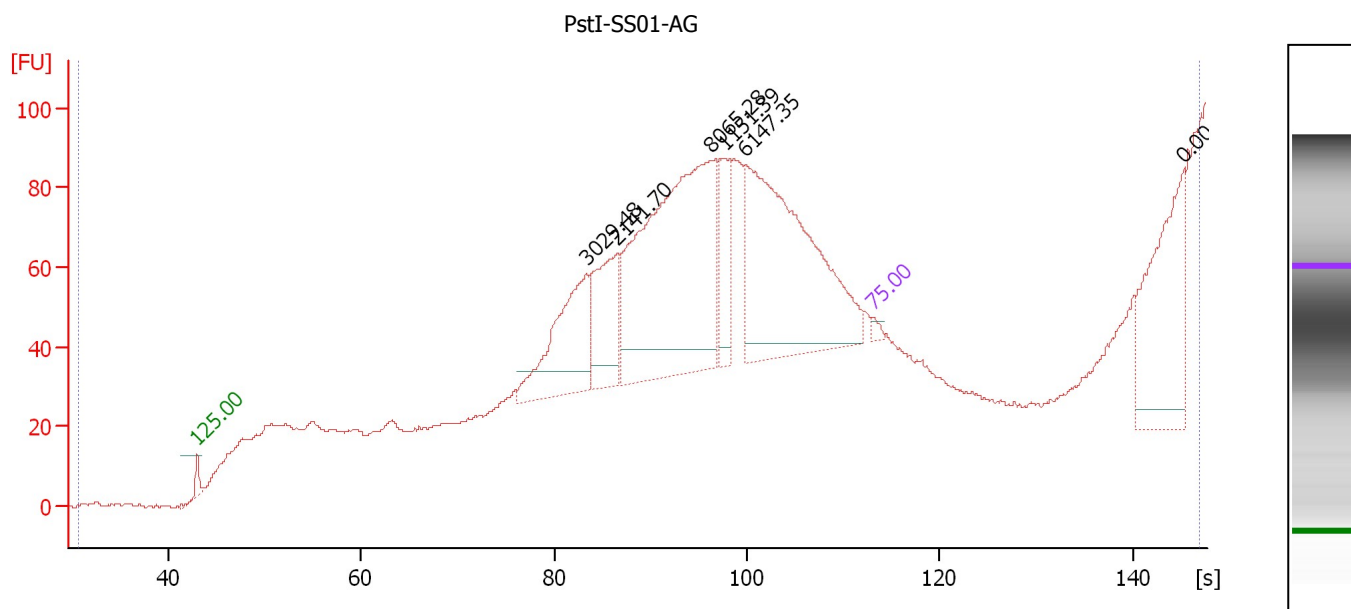


Peak table for sample 6 :		<u>SbfI+MluCI-SS02-QD</u>		
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	0	0.00	0.0	
2	0	0.00	0.0	
3	0	0.00	0.0	
4	0	0.00	0.0	
5	0	0.00	0.0	
6	0	0.00	0.0	
7	0	0.00	0.0	
8	0	0.00	0.0	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...gh Sensitivity DNA Assay\_DE72901330\_2014-01-06\_16-05-54.xad

Created: 1/6/2014 4:05:54 PM  
 Modified: 1/6/2014 5:13:07 PM

### Electropherogram Summary Continued ...



### Overall Results for sample 7 : PstI-SS01-AG

Number of peaks found: 6      Corr. Area 1: 605.0  
 Noise: 0.5

### Peak table for sample 7 : PstI-SS01-AG

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	542	3,029.48	8,476.0	
3	610	2,141.70	5,318.5	
4	1,285	8,065.28	9,511.9	
5	1,490	1,151.39	1,170.8	
6	1,774	6,147.35	5,249.5	
7	10,380	75.00	10.9	Upper Marker
8	46,989	0.00	0.0	

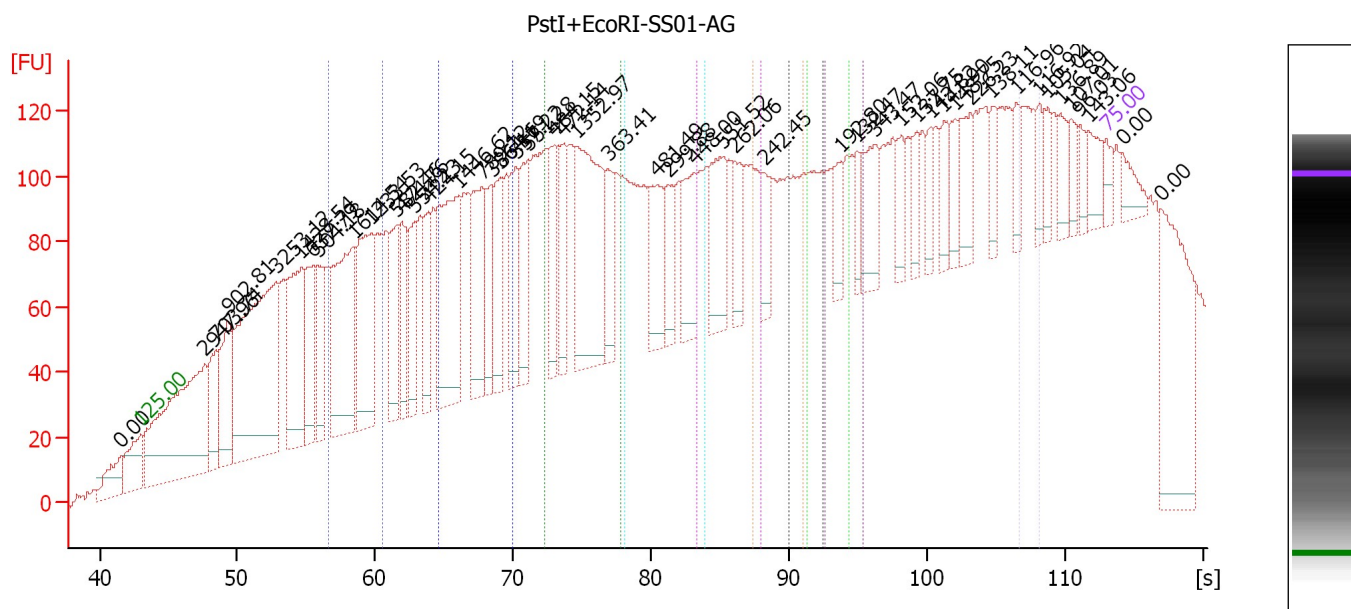
### Region table for sample 7 : PstI-SS01-AG

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
0	48,819	605.0	100	1,256	60.6	12,089.73	32,337.9	Blue

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...gh Sensitivity DNA Assay\_DE72901330\_2014-01-06\_16-05-54.xad

Created: 1/6/2014 4:05:54 PM  
 Modified: 1/6/2014 5:13:07 PM

### Electropherogram Summary Continued ...



### Overall Results for sample 8 : PstI+EcoRI-SS01-AG

Number of peaks found:	49	Corr. Area 5:	421.7
Noise:	0.8	Corr. Area 6:	286.5
Corr. Area 1:	525.3	Corr. Area 7:	183.9
Corr. Area 2:	706.3	Corr. Area 8:	220.3
Corr. Area 3:	675.9	Corr. Area 9:	207.2
Corr. Area 4:	546.8	Corr. Area 10:	104.8

### Peak table for sample 8 : PstI+EcoRI-SS01-AG

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	30	0.00	0.0	
2	35	125.00	5,411.3	Lower Marker
3	75	2,947.96	59,247.6	
4	84	703.74	12,759.2	
5	92	902.81	14,845.9	
6	131	3,253.12	37,606.4	
7	153	1,428.54	14,171.2	
8	162	637.79	5,957.1	
9	166	504.18	4,594.1	
10	197	1,614.54	12,419.0	
11	211	1,233.53	8,854.6	
12	234	582.46	3,773.7	
13	238	474.76	3,028.7	
14	248	554.23	3,386.3	
15	260	424.15	2,469.0	
16	286	1,446.62	7,668.9	
17	306	789.12	3,911.5	
18	315	386.16	1,858.9	
19	322	564.19	2,655.3	
20	336	557.22	2,514.2	
21	347	551.28	2,405.2	











Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...gh Sensitivity DNA Assay\_DE72901330\_2014-01-06\_16-05-54.xad

Created: 1/6/2014 4:05:54 PM  
 Modified: 1/6/2014 5:13:07 PM

**Electropherogram Summary Continued ...****... Peak table for sample 8 : PstI+EcoRI-SS01-AG**

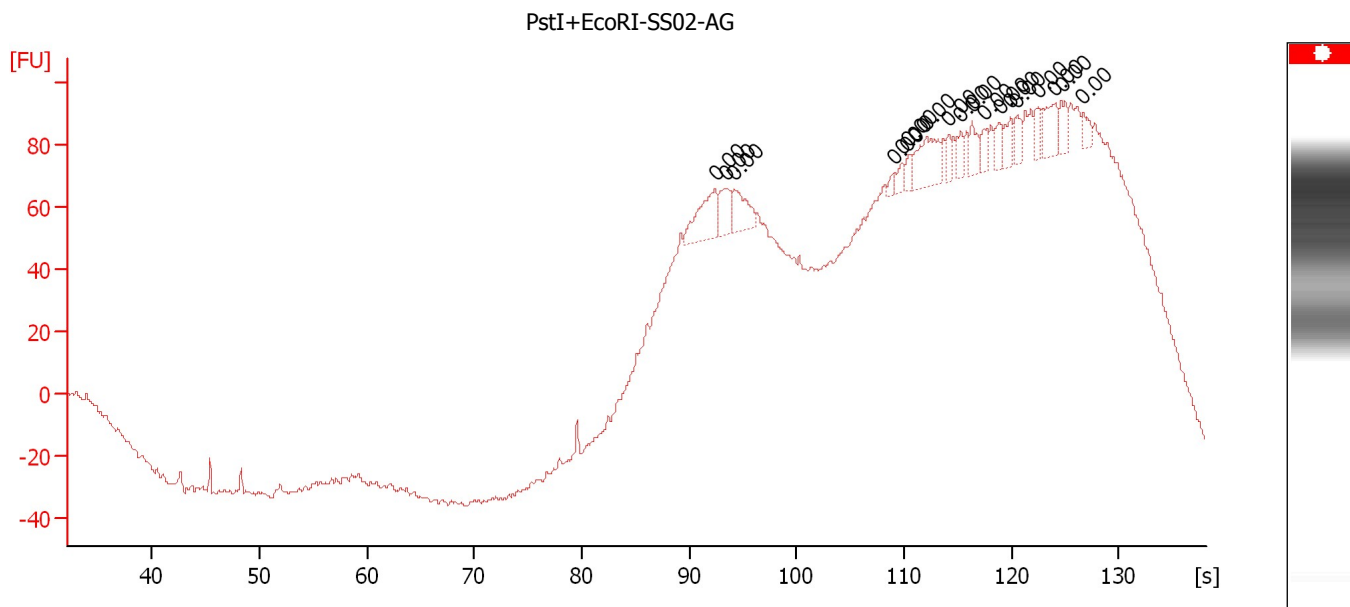
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
22	370	484.15	1,981.3	
23	378	472.14	1,890.7	
24	390	1,352.97	5,258.4	
25	425	363.41	1,296.6	
26	484	481.49	1,507.1	
27	498	299.88	912.8	
28	537	448.00	1,264.8	
29	579	551.52	1,442.4	
30	598	262.06	664.1	
31	660	242.45	557.0	
32	966	192.80	302.4	
33	1,084	132.47	185.1	
34	1,272	343.47	409.2	
35	1,537	152.06	149.9	
36	1,697	137.75	123.0	
37	1,835	143.82	118.7	
38	1,973	141.90	109.0	
39	2,188	148.75	103.0	
40	2,495	226.23	137.4	
41	2,934	138.11	71.3	
42	4,197	116.96	42.2	
43	5,516	116.92	32.1	
44	6,006	105.04	26.5	
45	6,712	136.89	30.9	
46	7,512	107.01	21.6	
47	8,218	96.03	17.7	
48	8,924	143.06	24.3	
49	10,380	75.00	10.9	Upper Marker
50	11,704	0.00	0.0	
51	14,881	0.00	0.0	

**Region table for sample 8 : PstI+EcoRI-SS01-AG**

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
176	222	525.3	7	199	6.7	3,989.33	30,575.9	
269	333	706.3	10	301	6.2	4,770.59	24,176.4	
362	439	675.9	9	396	5.6	4,108.77	15,797.5	
446	553	546.8	8	496	6.3	3,231.59	9,930.1	
539	649	421.7	6	588	5.3	2,343.98	6,059.8	
635	790	286.5	4	695	6.3	1,602.76	3,509.9	
721	878	183.9	3	796	5.7	1,002.67	1,915.3	
809	997	220.3	3	902	6.1	1,147.00	1,934.8	
890	1,147	207.2	3	990	7.2	1,047.68	1,612.0	
4,329	5,495	104.8	1	4,868	7.1	471.78	146.8	

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...gh Sensitivity DNA Assay\_DE72901330\_2014-01-06\_16-05-54.xad

Created: 1/6/2014 4:05:54 PM  
Modified: 1/6/2014 5:13:07 PM

**Electropherogram Summary Continued ...****Overall Results for sample 9 : PstI+EcoRI-SS02-AG**

Number of peaks found: 0 Noise: 1.2

**Peak table for sample 9 : PstI+EcoRI-SS02-AG**

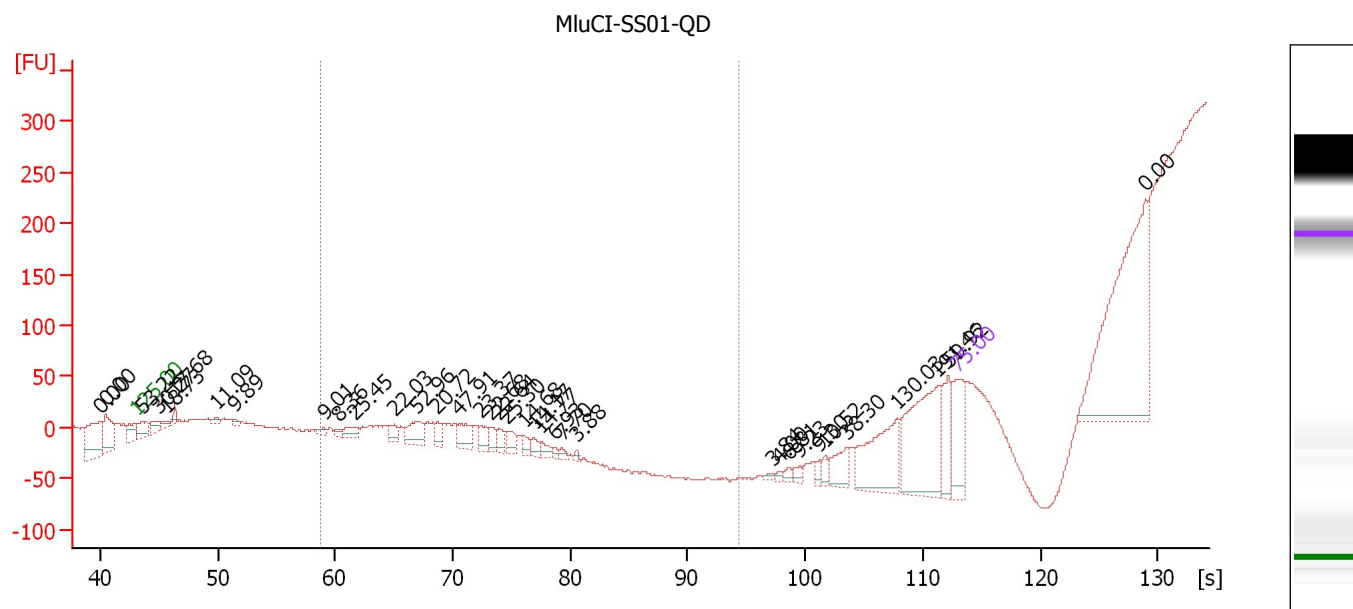
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	0	0.00	0.0	
2	0	0.00	0.0	
3	0	0.00	0.0	
4	0	0.00	0.0	
5	0	0.00	0.0	
6	0	0.00	0.0	
7	0	0.00	0.0	
8	0	0.00	0.0	
9	0	0.00	0.0	
10	0	0.00	0.0	
11	0	0.00	0.0	
12	0	0.00	0.0	
13	0	0.00	0.0	
14	0	0.00	0.0	
15	0	0.00	0.0	
16	0	0.00	0.0	
17	0	0.00	0.0	
18	0	0.00	0.0	



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...gh Sensitivity DNA Assay\_DE72901330\_2014-01-06\_16-05-54.xad

Created: 1/6/2014 4:05:54 PM  
 Modified: 1/6/2014 5:13:07 PM

### Electropherogram Summary Continued ...



### Overall Results for sample 10 : MluCI-SS01-QD

Number of peaks found: 36      Corr. Area 1: 0.0  
 Noise: 0.9

### Peak table for sample 10 : MluCI-SS01-QD

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	24	0.00	0.0	
2	26	0.00	0.0	
3	35	125.00	5,411.3	Lower Marker
4	39	53.22	2,089.5	
5	48	30.27	947.7	
6	55	18.73	519.6	
7	62	17.68	429.5	
8	98	11.09	172.3	
9	116	9.89	129.0	
10	204	9.01	67.0	
11	218	8.36	58.0	
12	234	25.45	164.4	
13	274	22.03	121.8	
14	296	52.96	271.2	
15	317	20.72	99.1	
16	341	47.91	213.2	
17	363	23.37	97.5	
18	373	22.68	92.2	
19	382	22.64	89.8	
20	391	25.30	98.0	
21	411	14.68	54.1	
22	425	14.17	50.5	
23	436	14.77	51.3	
24	455	6.93	23.1	
25	466	7.70	25.0	
26	486	3.88	12.1	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...gh Sensitivity DNA Assay\_DE72901330\_2014-01-06\_16-05-54.xad

Created: 1/6/2014 4:05:54 PM  
 Modified: 1/6/2014 5:13:07 PM

**Electropherogram Summary Continued ...****... Peak table for sample 10 : MluCI-SS01-QD**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	1,400	3.84	4.2	
28	1,485	4.00	4.1	
29	1,608	6.81	6.4	
30	1,737	9.23	8.0	
31	1,976	9.30	7.1	
32	2,094	10.52	7.6	
33	2,596	38.30	22.4	
34	5,287	130.03	37.3	
35	8,415	191.46	34.5	
36	9,449	59.92	9.6	
37	10,380	75.00	10.9	Upper Marker
38	28,482	0.00	0.0	

**Region table for sample 10 : MluCI-SS01-QD**

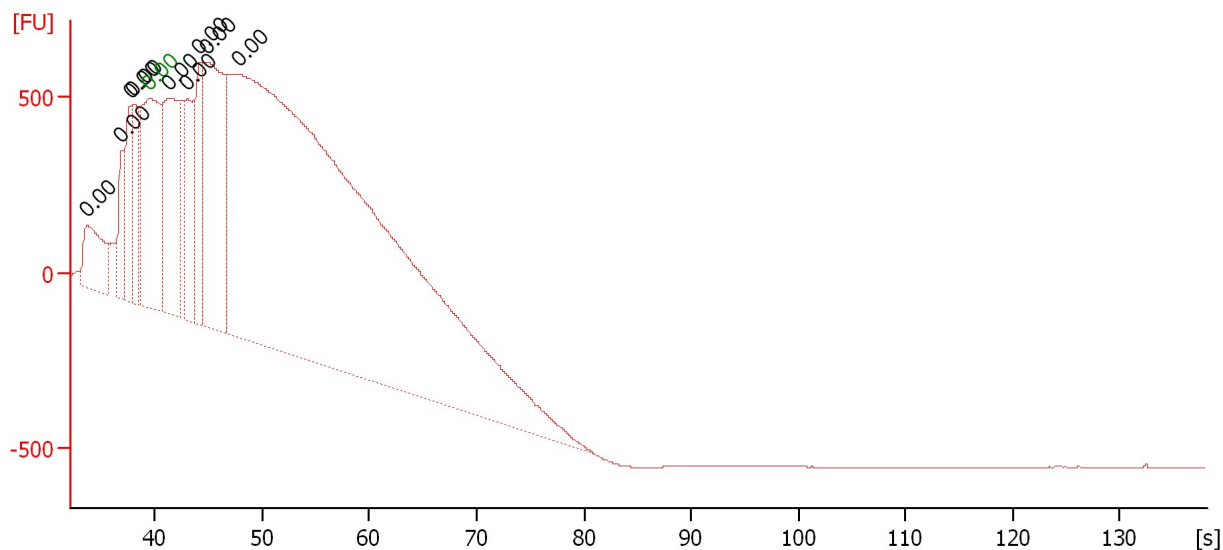
From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	0.0	0	0	0.0	0.00	0.0	

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...gh Sensitivity DNA Assay\_DE72901330\_2014-01-06\_16-05-54.xad

Created: 1/6/2014 4:05:54 PM  
Modified: 1/6/2014 5:13:07 PM

**Electropherogram Summary Continued ...**

PstI+MluCI-SS01-QD

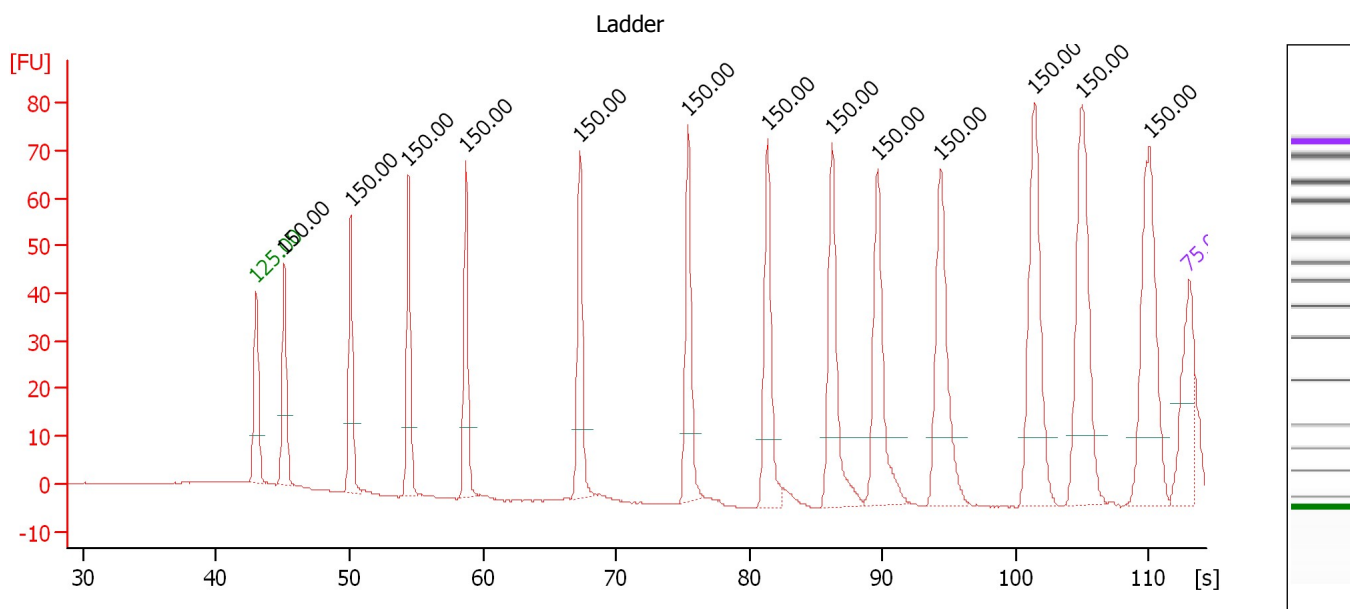
**Overall Results for sample 11 : PstI+MluCI-SS01-QD**

Number of peaks found: 9      Noise: 0.2

**Peak table for sample 11 : PstI+MluCI-SS01-QD**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	0	0.00	0.0	
2	0	0.00	0.0	
3	0	0.00	0.0	
4	0	0.00	0.0	
5	0	0.00	0.0	Lower Marker
6	0	0.00	0.0	
7	0	0.00	0.0	
8	0	0.00	0.0	
9	0	0.00	0.0	
10	0	0.00	0.0	

Created: 1/6/2014 4:05:54 PM  
Modified: 1/6/2014 5:13:07 PM



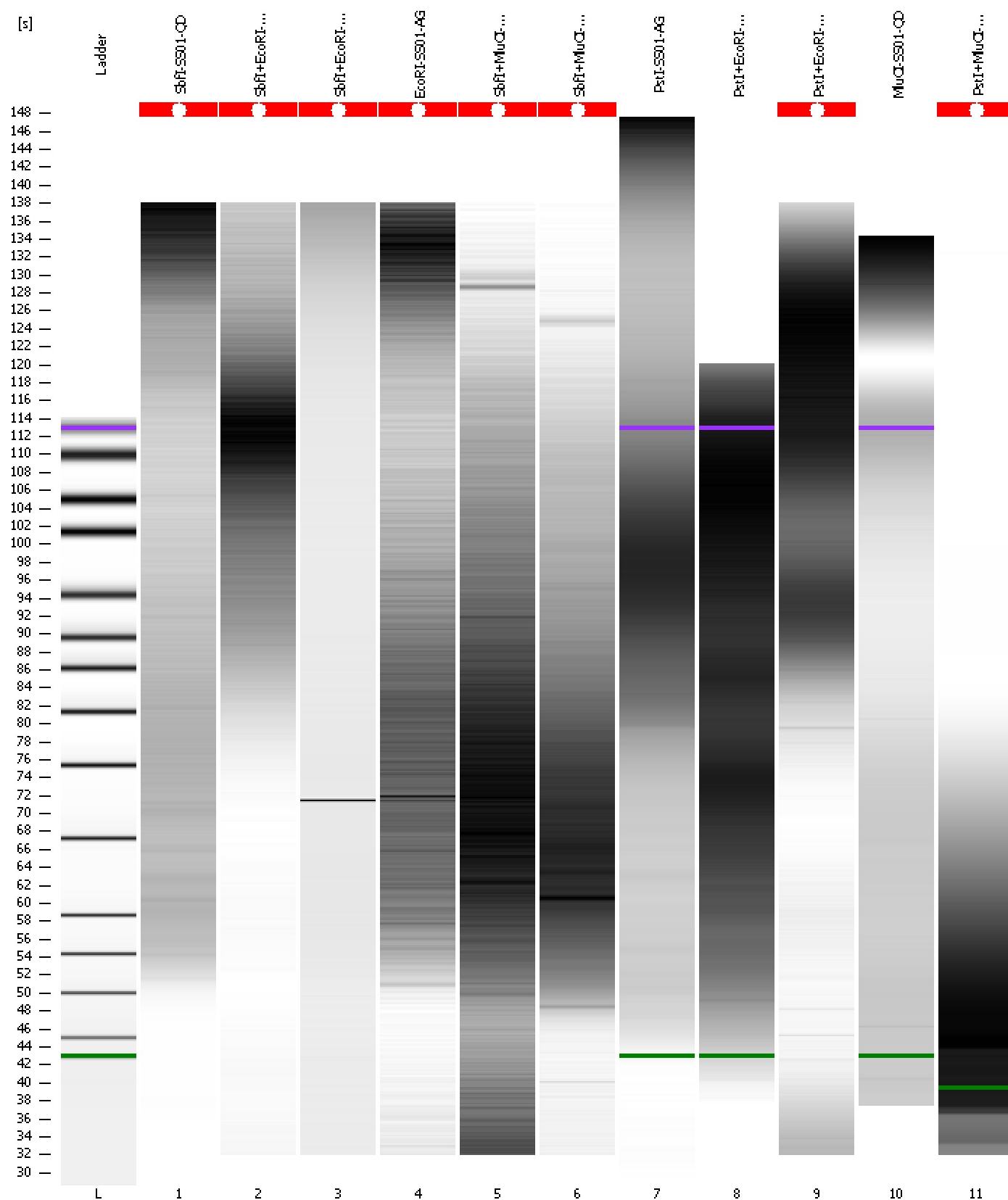
Height Threshold [FU] :	20	Baseline Plateau [s] :	0.3
Area Threshold :	0		

Noise: 0.1

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:\...gh Sensitivity DNA Assay\_DE72901330\_2014-01-06\_16-05-54.xad

Created: 1/6/2014 4:05:54 PM  
Modified: 1/6/2014 5:13:07 PM

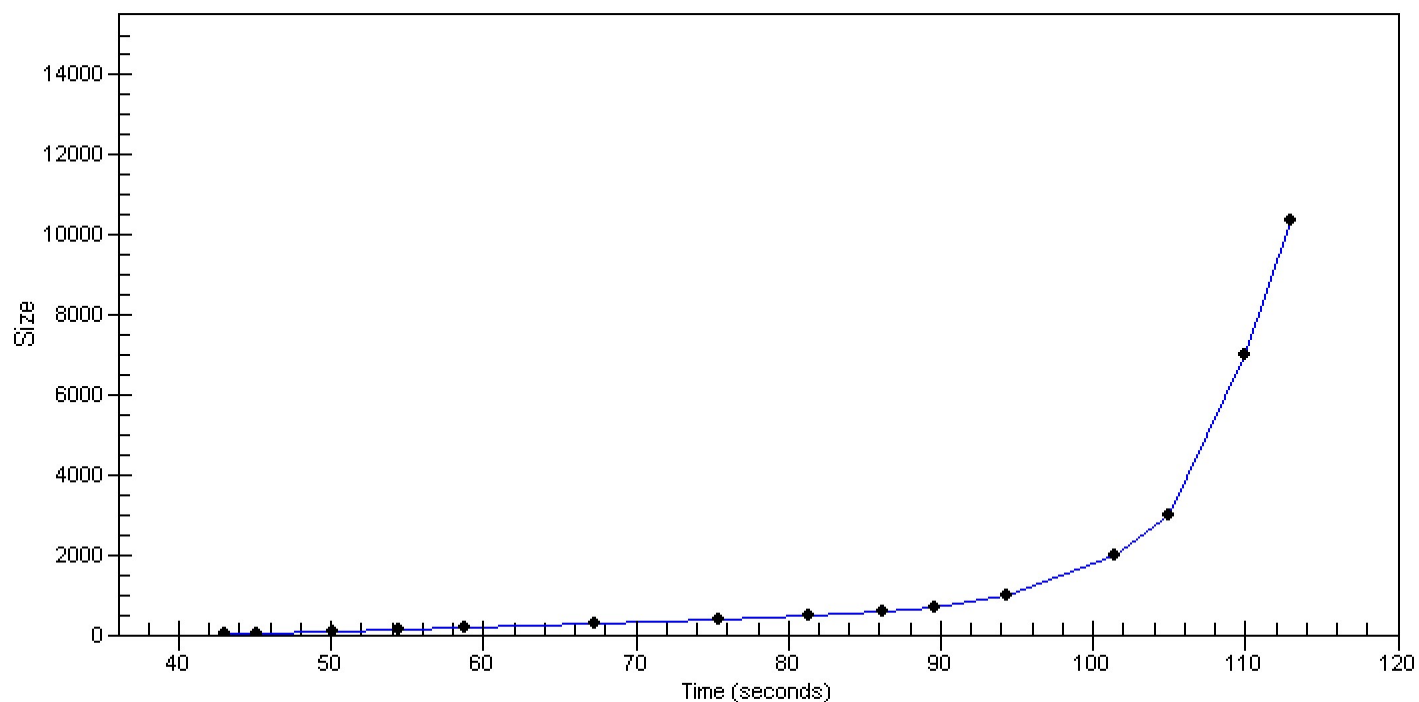
**Gel Image**

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...gh Sensitivity DNA Assay\_DE72901330\_2014-01-06\_16-05-54.xad

Created: 1/6/2014 4:05:54 PM  
Modified: 1/6/2014 5:13:07 PM

## Curves

### Standard Curve



Assay Class: High Sensitivity DNA Assay Created: 1/6/2014 4:05:54 PM  
 Data Path: C:\...gh Sensitivity DNA Assay\_DE72901330\_2014-01-06\_16-05-54.xad Modified: 1/6/2014 5:13:07 PM

**Run Logbook**

Description	Number	Source	Category	Sub Category	Time Stamp	Time Zone	User	Host
Run ended on port 1 (Number of wells acquired: 12)		Instrument	Run		1/6/2014 4:48:44 PM	(GMT --05:00) Eastern Standard Time	foran103	RUTGERS-4341 E48
Run started on port 1 (File: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\Data\2014-01-06\Pinsky20140106_High Sensitivity DNA Assay_DE72901330_2014-01-06_16-05-54.xad)		Instrument	Run		1/6/2014 4:05:55 PM	(GMT --05:00) Eastern Standard Time	foran103	RUTGERS-4341 E48
Product Number : G2939A		Instrument	Run		1/6/2014 4:05:55 PM	(GMT --05:00) Eastern Standard Time	foran103	RUTGERS-4341 E48
Name :		Instrument	Run		1/6/2014 4:05:55 PM	(GMT --05:00) Eastern Standard Time	foran103	RUTGERS-4341 E48
Vendor : Agilent Technologies		Instrument	Run		1/6/2014 4:05:55 PM	(GMT --05:00) Eastern Standard Time	foran103	RUTGERS-4341 E48
Serial# : DE72901330		Instrument	Run		1/6/2014 4:05:55 PM	(GMT --05:00) Eastern Standard Time	foran103	RUTGERS-4341 E48
Firmware : C.01.069		Instrument	Run		1/6/2014 4:05:55 PM	(GMT --05:00) Eastern Standard Time	foran103	RUTGERS-4341 E48
Cartridge : Electrode		Instrument	Run		1/6/2014 4:05:55 PM	(GMT --05:00) Eastern Standard Time	foran103	RUTGERS-4341 E48