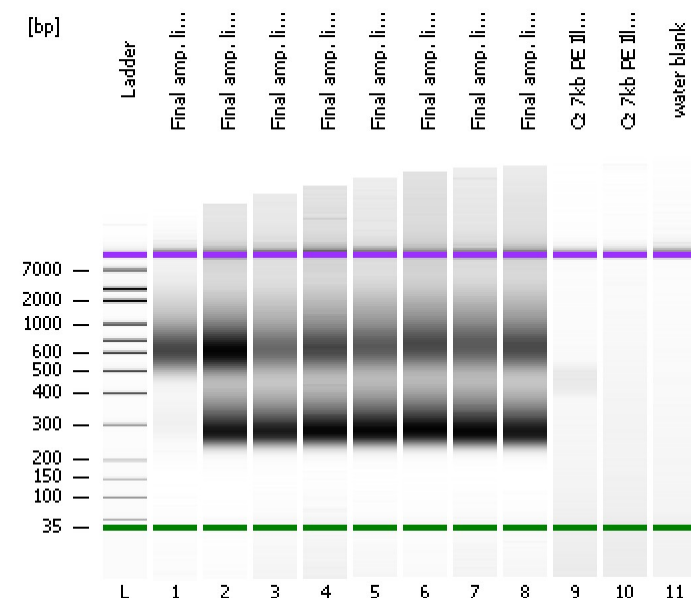


Assay Class: High Sensitivity DNA Assay
Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-06-29_14-51-08.xad

Created: 6/29/2011 2:51:07 PM
Modified: 6/30/2011 11:29:56 AM

Electrophoresis File Run Summary



Instrument Information:

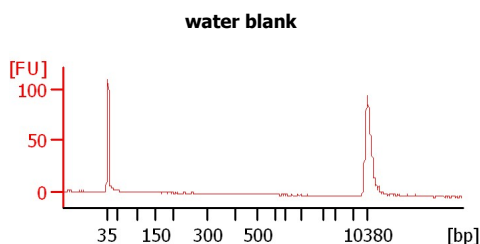
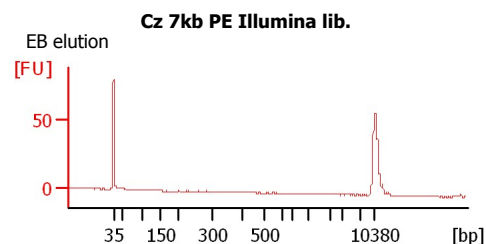
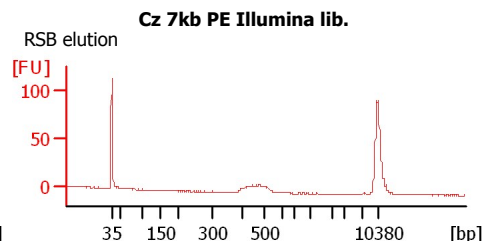
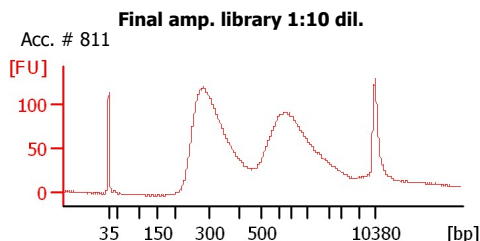
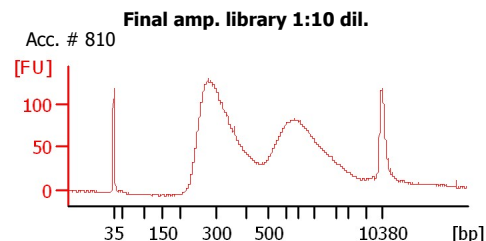
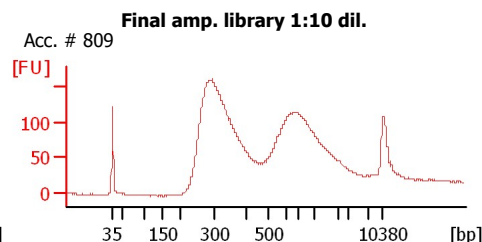
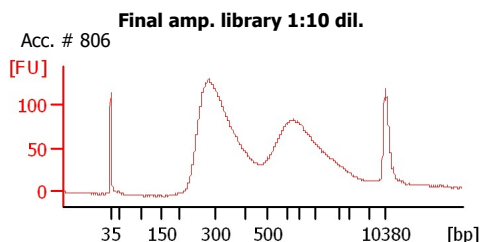
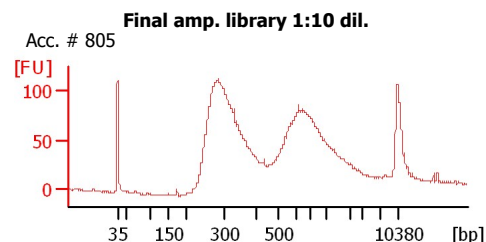
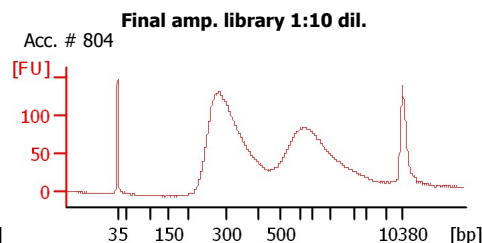
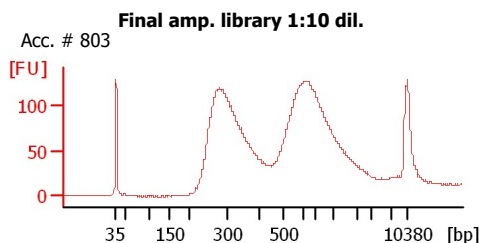
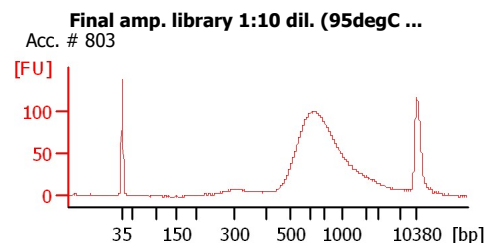
Instrument Name: Ann's baby
Serial#: DE24802235
Firmware: C.01.069
Type: G2938B

Assay Information:

Assay Origin Path: D:\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: D:\...gh Sensitivity DNA Assay_DE24802235_2011-06-29_14-51-08.xad

Created: 6/29/2011 2:51:07 PM
Modified: 6/30/2011 11:29:56 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
Final amp. library 1:10 dil. (95degC denatured)	Acc. # 803	☐	☒			
Final amp. library 1:10 dil.	Acc. # 803	☐	☒			
Final amp. library 1:10 dil.	Acc. # 804	☐	☒			
Final amp. library 1:10 dil.	Acc. # 805	☐	☒			
Final amp. library 1:10 dil.	Acc. # 806	☐	☒			
Final amp. library 1:10 dil.	Acc. # 809	☐	☒			
Final amp. library 1:10 dil.	Acc. # 810	☐	☒			
Final amp. library 1:10 dil.	Acc. # 811	☐	☒			
Cz 7kb PE Illumina lib.	RSB elution	☐	☒			
Cz 7kb PE Illumina lib.	EB elution	☐	☒			
water blank		☐	☒			
Ladder		☐	☒			

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

Assay Class: High Sensitivity DNA Assay
Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-06-29_14-51-08.xad

Created: 6/29/2011 2:51:07 PM
Modified: 6/30/2011 11:29:56 AM

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/ μ l] : 1950
Uses Standard Area for Ladder Fragments
Lower Marker Concentration [pg/ μ l] : 125
Upper Marker Concentration [pg/ μ l] : 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

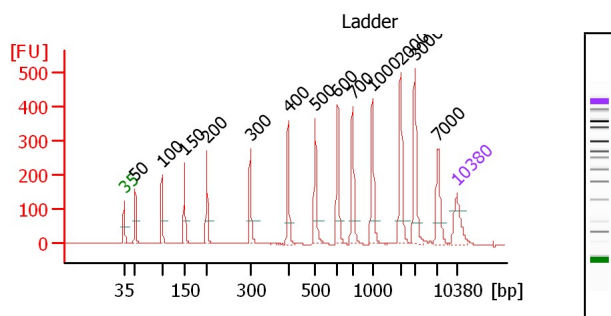
Ladder

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: D:\...gh Sensitivity DNA Assay_DE24802235_2011-06-29_14-51-08.xad

Created: 6/29/2011 2:51:07 PM
 Modified: 6/30/2011 11:29:56 AM

Electropherogram Summary



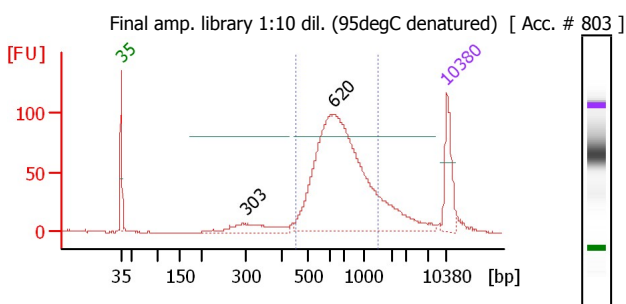
Overall Results for Ladder

Noise: 0.3

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

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
14	7,000	150.00	32.5	Ladder Peak
15	10,380	75.00	10.9	Upper Marker



Overall Results for sample 1

Number of peaks found: 2
 Noise: 0.3
 Corr. Area 1: 1,252.3

Region table for sample 1

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
449	1,515	1,252.3	78	722	30.8	708.53	1,624.9	Blue

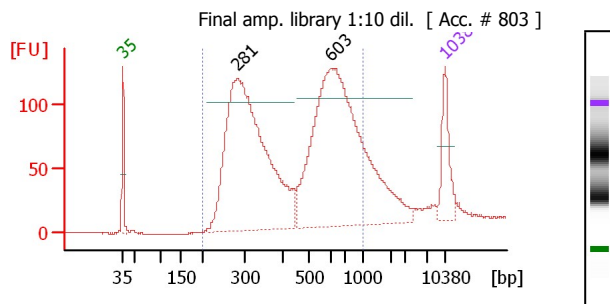
Assay Class: High Sensitivity DNA Assay
 Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-06-29_14-51-08.xad

Created: 6/29/2011 2:51:07 PM
 Modified: 6/30/2011 11:29:56 AM

Electropherogram Summary Continued ...

Peak table for sample 1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	303	87.80	438.6	
3	620	828.51	2,026.0	
4	10,380	75.00	10.9	Upper Marker



Overall Results for sample 2

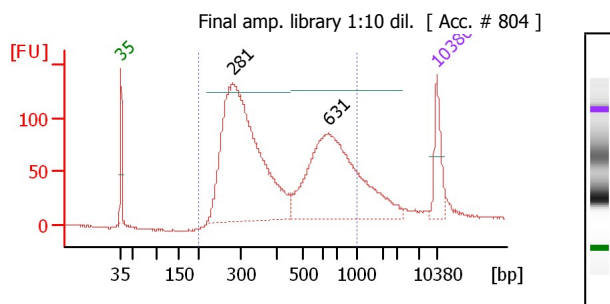
Number of peaks found: 2
 Noise: 0.3
 Corr. Area 1: 3,077.2

Region table for sample 2

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	3,077.2	89	489	40.1	1,720.15	6,743.3	Blue

Peak table for sample 2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	281	1,129.28	6,079.5	
3	603	897.28	2,252.8	
4	10,380	75.00	10.9	Upper Marker



Overall Results for sample 3

Number of peaks found: 2
 Noise: 0.7
 Corr. Area 1: 2,764.5

Region table for sample 3

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	2,764.5	88	452	42.7	1,558.44	6,539.2	Blue

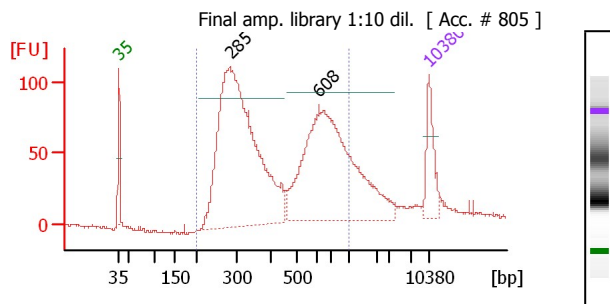
Assay Class: High Sensitivity DNA Assay
 Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-06-29_14-51-08.xad

Created: 6/29/2011 2:51:07 PM
 Modified: 6/30/2011 11:29:56 AM

Electropherogram Summary Continued ...

Peak table for sample 3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	281	1,126.63	6,075.4	
3	631	598.42	1,436.7	
4	10,380	75.00	10.9	Upper Marker



Overall Results for sample 4

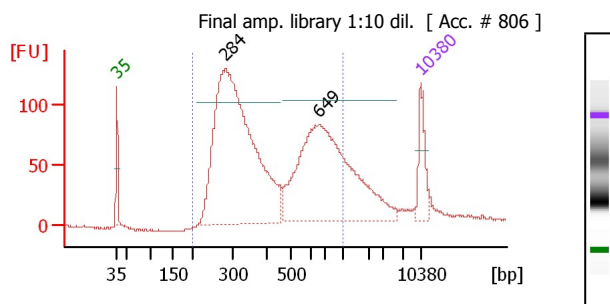
Number of peaks found: 2
 Noise: 0.7
 Corr. Area 1: 2,336.0

Region table for sample 4

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	2,336.08	88	463	42.4	1,546.08	6,364.7	Blue

Peak table for sample 4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	285	1,162.91	6,192.2	
3	608	679.69	1,694.5	
4	10,380	75.00	10.9	Upper Marker



Overall Results for sample 5

Number of peaks found: 2
 Noise: 0.6
 Corr. Area 1: 2,834.9

Region table for sample 5

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	2,834.986	86	455	42.8	1,894.89	7,892.8	Blue

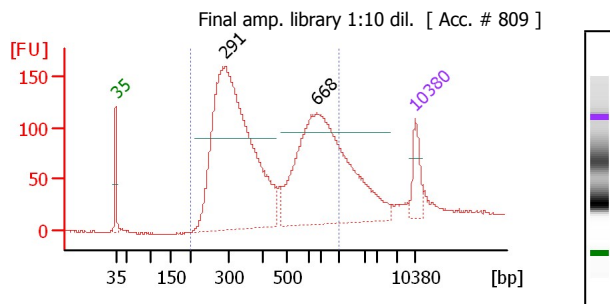
Assay Class: High Sensitivity DNA Assay
 Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-06-29_14-51-08.xad

Created: 6/29/2011 2:51:07 PM
 Modified: 6/30/2011 11:29:56 AM

Electropherogram Summary Continued ...

Peak table for sample 5

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	284	1,413.64	7,554.4	
3	649	776.39	1,812.8	
4	10,380	75.00	10.9	Upper Marker



Overall Results for sample 6

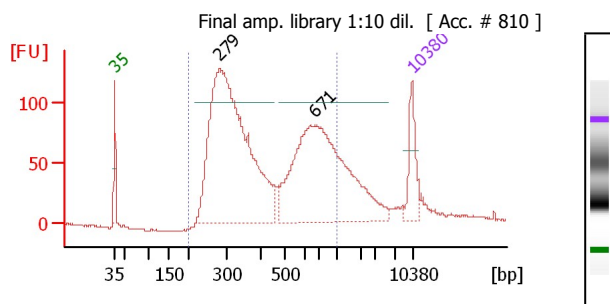
Number of peaks found: 2
 Noise: 0.4
 Corr. Area 1: 3,436.1

Region table for sample 6

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	3,436.1	85	464	42.9	2,213.00	9,083.4	Blue

Peak table for sample 6

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	291	1,702.10	8,875.9	
3	668	1,014.29	2,301.1	
4	10,380	75.00	10.9	Upper Marker



Overall Results for sample 7

Number of peaks found: 2
 Noise: 0.5
 Corr. Area 1: 2,825.7

Region table for sample 7

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	2,825.7	85	457	43.4	1,765.05	7,362.2	Blue

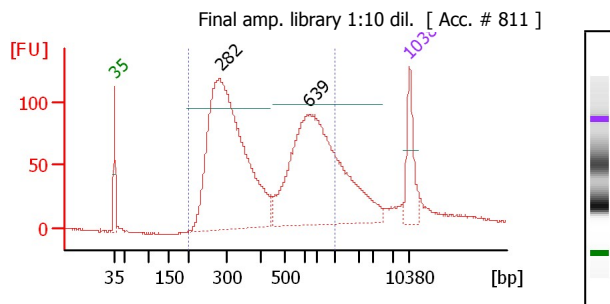
Assay Class: High Sensitivity DNA Assay
 Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-06-29_14-51-08.xad

Created: 6/29/2011 2:51:07 PM
 Modified: 6/30/2011 11:29:56 AM

Electropherogram Summary Continued ...

Peak table for sample 7

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	279	1,330.54	7,227.6	
3	671	754.02	1,702.5	
4	10,380	75.00	10.9	Upper Marker



Overall Results for sample 8

Number of peaks found: 2
 Noise: 0.5
 Corr. Area 1: 2,649.4

Region table for sample 8

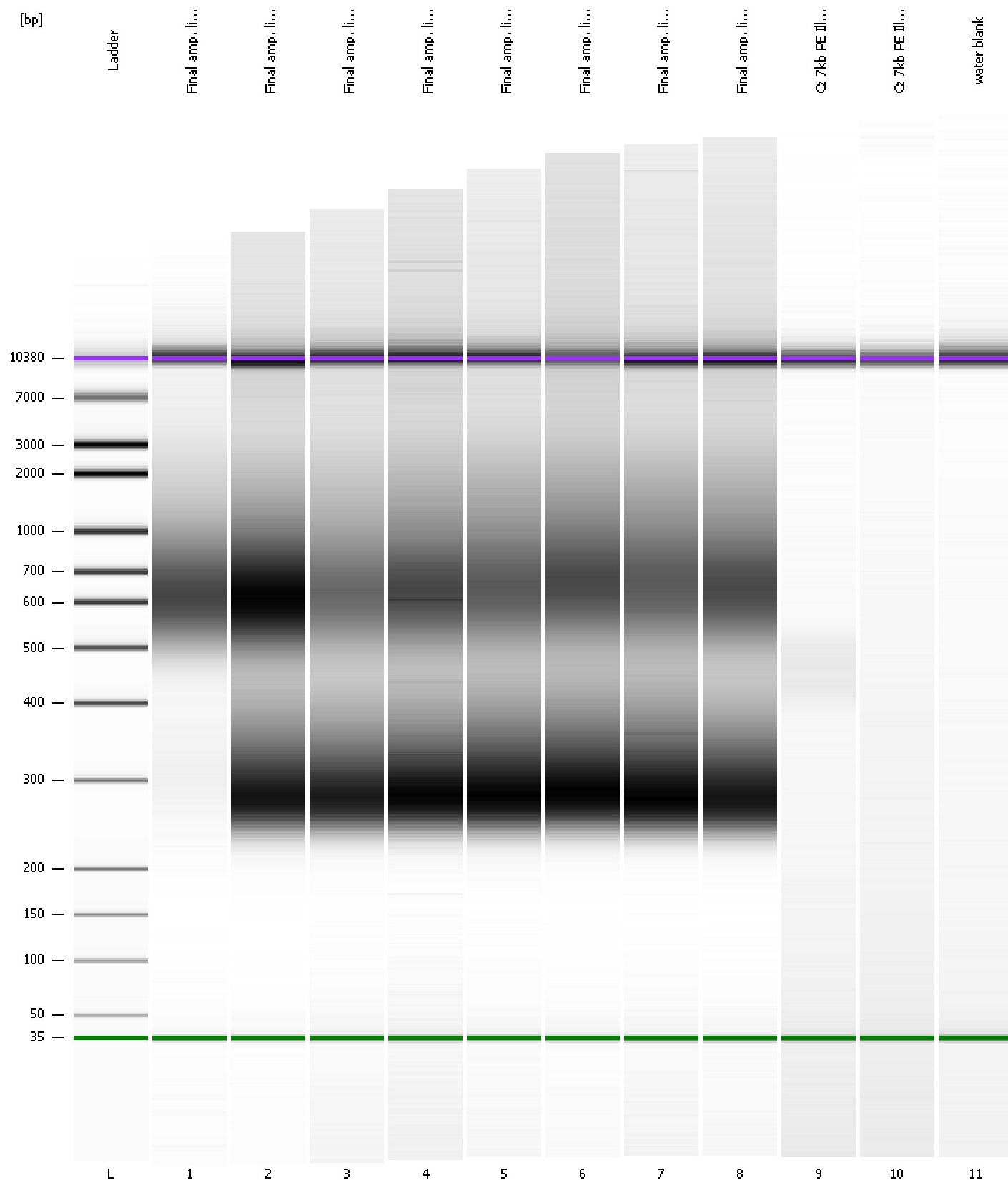
From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	2,649.4	84	468	43.0	1,432.72	5,901.5	Blue

Peak table for sample 8

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	282	1,036.76	5,561.3	
3	639	665.35	1,576.9	
4	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-06-29_14-51-08.xad

Created: 6/29/2011 2:51:07 PM
Modified: 6/30/2011 11:29:56 AM

Gel Image

Assay Class: High Sensitivity DNA Assay
Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-06-29_14-51-08.xad

Created: 6/29/2011 2:51:07 PM
Modified: 6/30/2011 11:29:56 AM

Curves

Standard Curve

