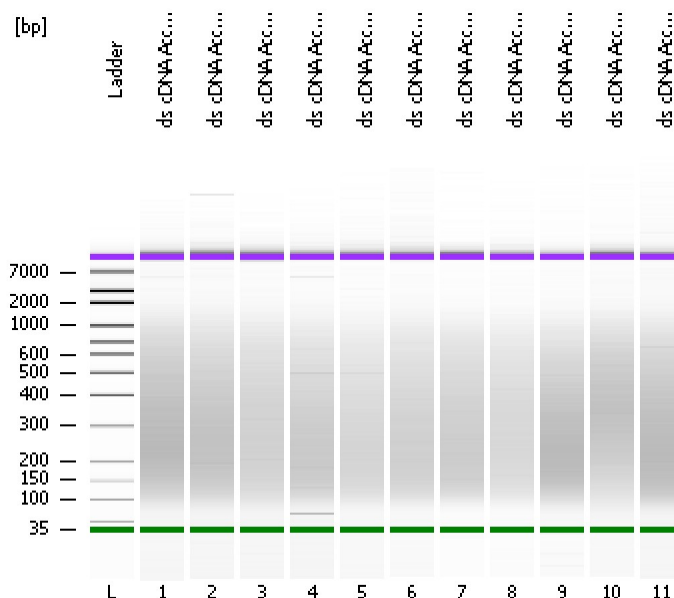


Assay Class: High Sensitivity DNA Assay
Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-07-01_11-37-55.xad

Created: 7/1/2011 11:37:54 AM
Modified: 7/1/2011 12:53:48 PM

Electrophoresis File Run Summary



Instrument Information:

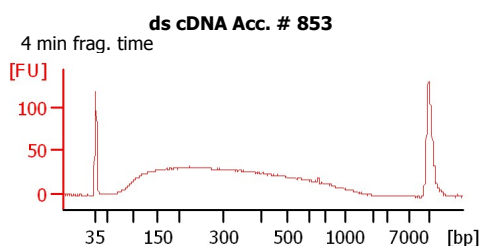
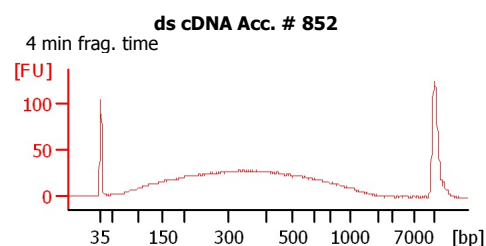
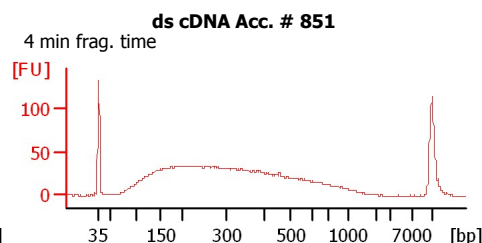
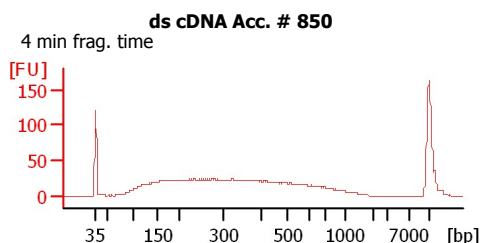
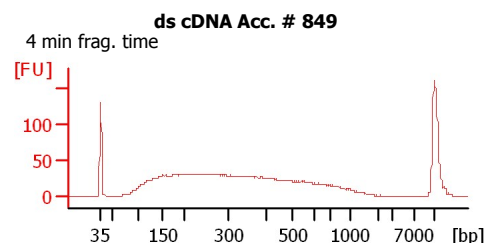
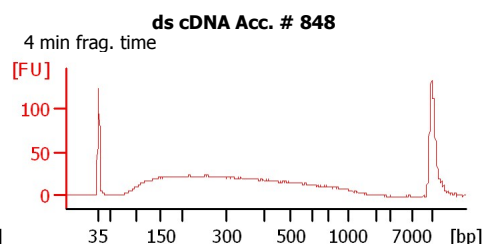
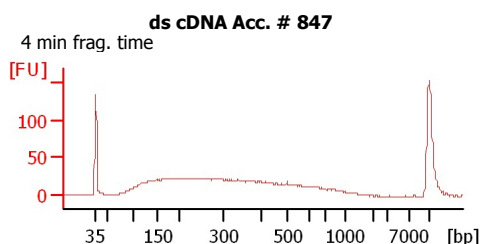
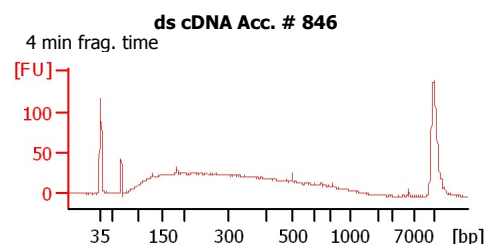
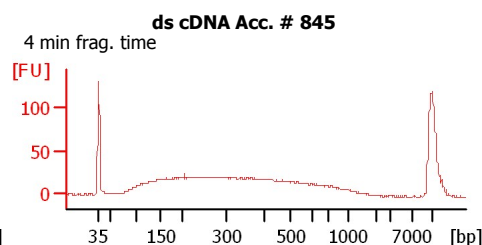
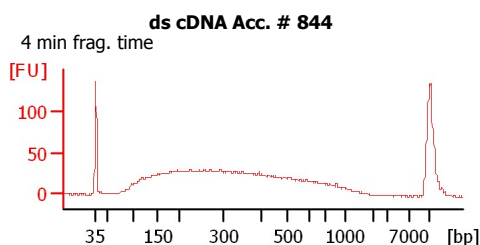
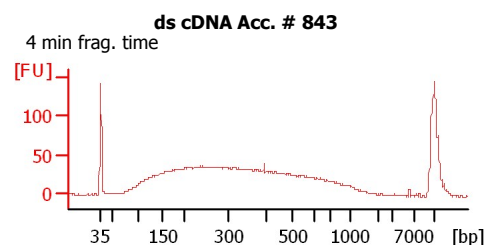
Instrument Name: Ann's baby
Serial#: DE24802235
Firmware: C.01.069
Type: G2938B

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_2011-07-01_11-37-55.xad

Created: 7/1/2011 11:37:54 AM
Modified: 7/1/2011 12:53:48 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
ds cDNA Acc. # 843	4 min frag. time	☐		✓		
ds cDNA Acc. # 844	4 min frag. time	☐		✓		
ds cDNA Acc. # 845	4 min frag. time	☐		✓		
ds cDNA Acc. # 846	4 min frag. time	☐		✓		
ds cDNA Acc. # 847	4 min frag. time	☐		✓		
ds cDNA Acc. # 848	4 min frag. time	☐		✓		
ds cDNA Acc. # 849	4 min frag. time	☐		✓		
ds cDNA Acc. # 850	4 min frag. time	☐		✓		
ds cDNA Acc. # 851	4 min frag. time	☐		✓		
ds cDNA Acc. # 852	4 min frag. time	☐		✓		
ds cDNA Acc. # 853	4 min frag. time	☐		✓		
Ladder		☐		✓		

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

Assay Class: High Sensitivity DNA Assay
Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-07-01_11-37-55.xad

Created: 7/1/2011 11:37:54 AM
Modified: 7/1/2011 12:53:48 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/ 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] : 50
Area Threshold : 0.1
Width Threshold [s] : 0.6
Baseline Plateau [s] : 0.5

Filter Settings

Filter Width [s] : 0.5
Polynomial Order : 4

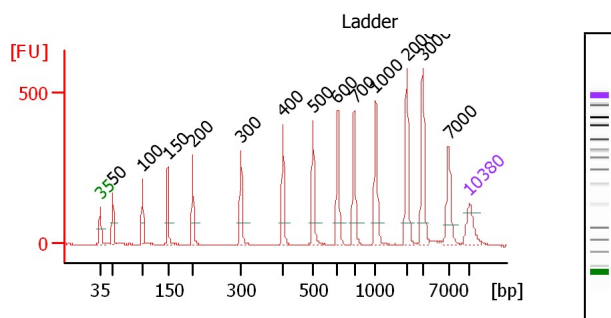
Ladder

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_2011-07-01_11-37-55.xad

Created: 7/1/2011 11:37:54 AM
 Modified: 7/1/2011 12:53:48 PM

Electropherogram Summary



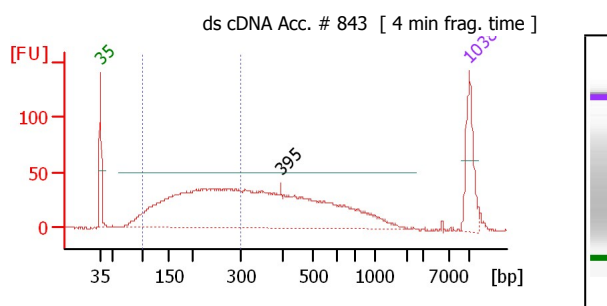
Overall Results for Ladder

Noise: 0.2

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 : ds cDNA Acc. # 843

Number of peaks found: 1
 Noise: 0.5
 Corr. Area 1: 980.8

Region table for sample 1 : ds cDNA Acc. # 843

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
102	301	980.8	49	210	26.1	616.83	4,973.5	Blue

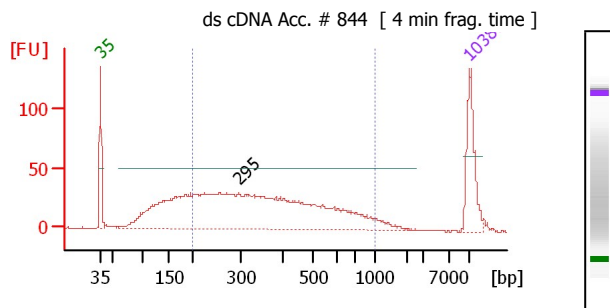
Assay Class: High Sensitivity DNA Assay
 Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-07-01_11-37-55.xad

Created: 7/1/2011 11:37:54 AM
 Modified: 7/1/2011 12:53:48 PM

Electropherogram Summary Continued ...

Peak table for sample 1 : ds cDNA Acc. # 843

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	395	836.01	3,203.9	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 2 : ds cDNA Acc. # 844

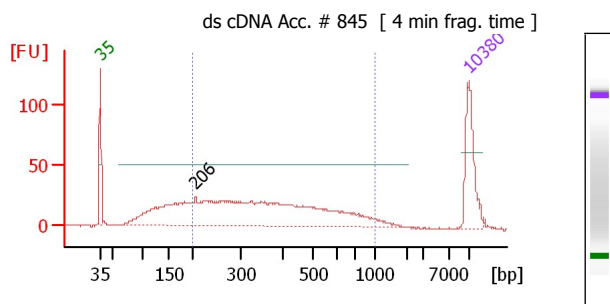
Number of peaks found: 1
 Noise: 0.6
 Corr. Area 1: 1,116.8

Region table for sample 2 : ds cDNA Acc. # 844

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	1,116.8	68	404	41.5	607.93	2,798.0	Blue

Peak table for sample 2 : ds cDNA Acc. # 844

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	295	876.71	4,506.4	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 3 : ds cDNA Acc. # 845

Number of peaks found: 1
 Noise: 0.5
 Corr. Area 1: 826.0

Region table for sample 3 : ds cDNA Acc. # 845

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	826.0	68	410	41.4	462.20	2,100.8	Blue

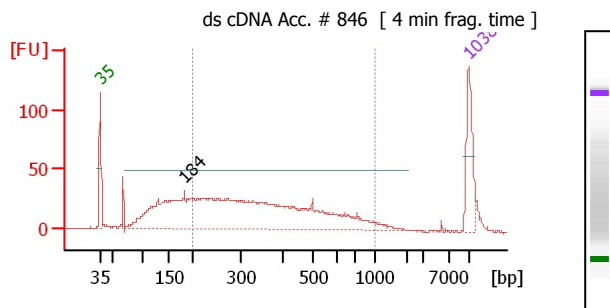
Assay Class: High Sensitivity DNA Assay
 Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-07-01_11-37-55.xad

Created: 7/1/2011 11:37:54 AM
 Modified: 7/1/2011 12:53:48 PM

Electropherogram Summary Continued ...

Peak table for sample 3 : ds cDNA Acc. # 845

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	206	816.45	6,008.2	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 4 : ds cDNA Acc. # 846

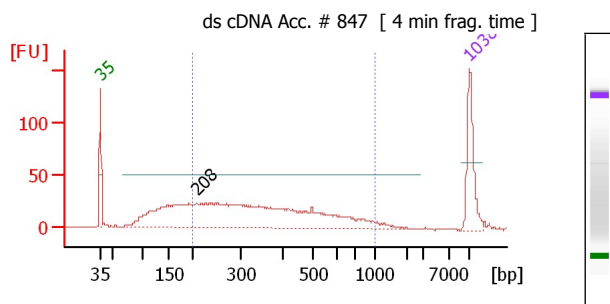
Number of peaks found: 1
 Noise: 0.3
 Corr. Area 1: 924.3

Region table for sample 4 : ds cDNA Acc. # 846

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	924.3	64	399	41.6	633.39	2,944.9	Blue

Peak table for sample 4 : ds cDNA Acc. # 846

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	184	1,261.70	10,376.2	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 5 : ds cDNA Acc. # 847

Number of peaks found: 1
 Noise: 0.4
 Corr. Area 1: 812.3

Region table for sample 5 : ds cDNA Acc. # 847

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	812.3	66	399	41.5	473.68	2,201.6	Blue

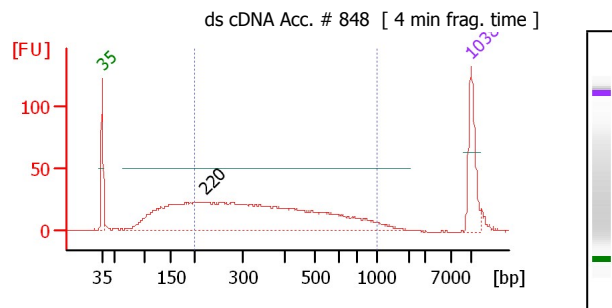
Assay Class: High Sensitivity DNA Assay
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Created: 7/1/2011 11:37:54 AM
 Modified: 7/1/2011 12:53:48 PM

Electropherogram Summary Continued ...

Peak table for sample 5 : ds cDNA Acc. # 847

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	208	877.03	6,384.4	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 6 : ds cDNA Acc. # 848

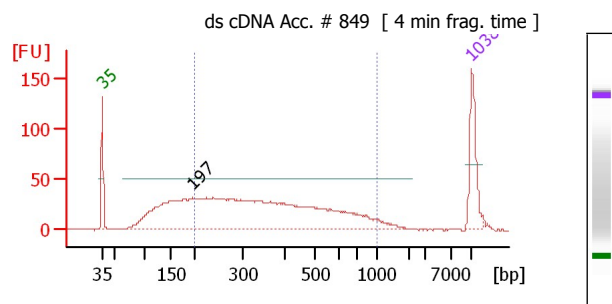
Number of peaks found: 1
 Noise: 0.4
 Corr. Area 1: 837.1

Region table for sample 6 : ds cDNA Acc. # 848

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	837.1	65	406	42.1	552.29	2,543.4	Blue

Peak table for sample 6 : ds cDNA Acc. # 848

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	220	949.31	6,535.3	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 7 : ds cDNA Acc. # 849

Number of peaks found: 1
 Noise: 0.4
 Corr. Area 1: 1,127.1

Region table for sample 7 : ds cDNA Acc. # 849

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	1,127.1	67	405	41.9	658.55	3,030.0	Blue

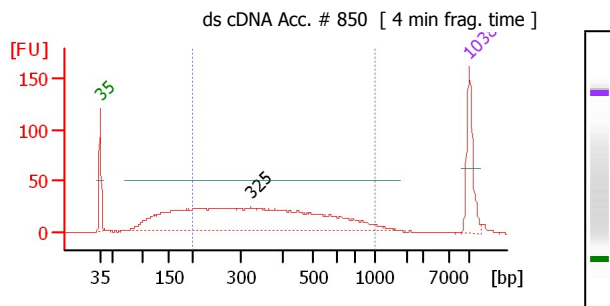
Assay Class: High Sensitivity DNA Assay
 Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-07-01_11-37-55.xad

Created: 7/1/2011 11:37:54 AM
 Modified: 7/1/2011 12:53:48 PM

Electropherogram Summary Continued ...

Peak table for sample 7 : ds cDNA Acc. # 849

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	197	1,209.98	9,283.0	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 8 : ds cDNA Acc. # 850

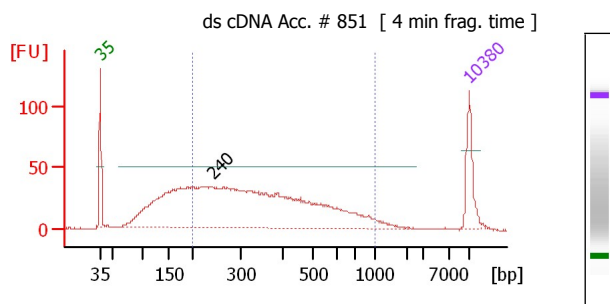
Number of peaks found: 1
 Noise: 0.4
 Corr. Area 1: 899.7

Region table for sample 8 : ds cDNA Acc. # 850

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	899.7	69	408	41.2	531.40	2,419.9	Blue

Peak table for sample 8 : ds cDNA Acc. # 850

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	325	673.28	3,141.9	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 9 : ds cDNA Acc. # 851

Number of peaks found: 1
 Noise: 0.4
 Corr. Area 1: 1,140.0

Region table for sample 9 : ds cDNA Acc. # 851

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	1,140.0	67	392	41.2	1,030.65	4,844.3	Blue

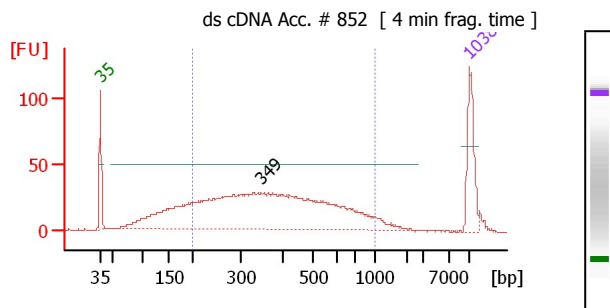
Assay Class: High Sensitivity DNA Assay
 Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-07-01_11-37-55.xad

Created: 7/1/2011 11:37:54 AM
 Modified: 7/1/2011 12:53:48 PM

Electropherogram Summary Continued ...

Peak table for sample 9 : ds cDNA Acc. # 851

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	240	1,700.08	10,746.9	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 10 : ds cDNA Acc. # 852

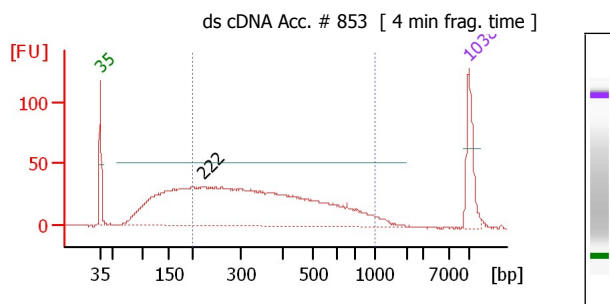
Number of peaks found: 1
 Noise: 0.3
 Corr. Area 1: 1,048.1

Region table for sample 10 : ds cDNA Acc. # 852

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	1,048.1	74	419	40.1	753.58	3,325.8	Blue

Peak table for sample 10 : ds cDNA Acc. # 852

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	349	915.09	3,977.8	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 11 : ds cDNA Acc. # 853

Number of peaks found: 1
 Noise: 0.2
 Corr. Area 1: 1,128.6

Region table for sample 11 : ds cDNA Acc. # 853

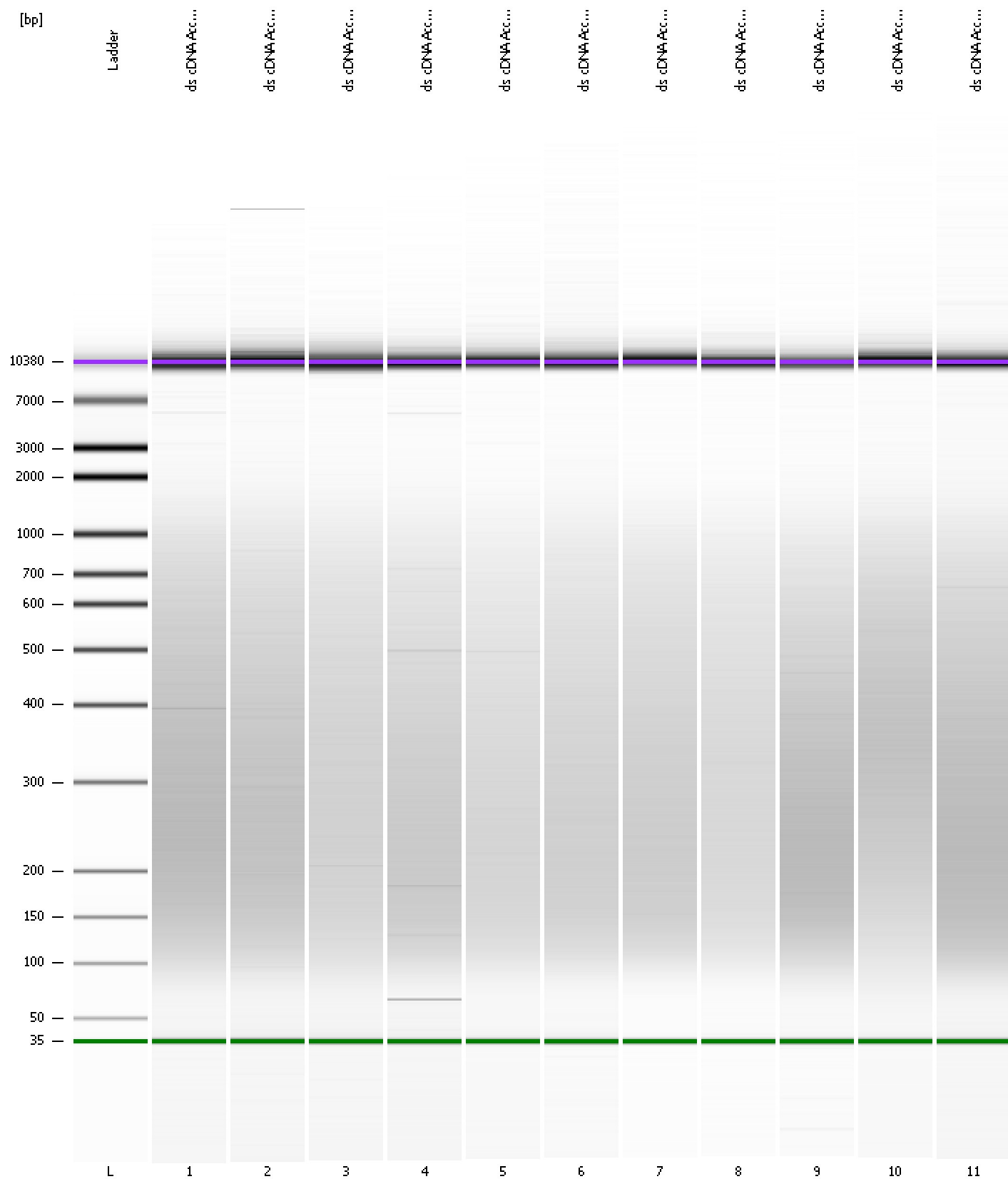
From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	1,128.6	66	401	41.5	789.33	3,650.1	Blue

Peak table for sample 11 : ds cDNA Acc. # 853

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	222	1,351.14	9,204.8	
3	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-07-01_11-37-55.xad

Created: 7/1/2011 11:37:54 AM
Modified: 7/1/2011 12:53:48 PM

Gel Image

Assay Class: High Sensitivity DNA Assay
Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-07-01_11-37-55.xad

Created: 7/1/2011 11:37:54 AM
Modified: 7/1/2011 12:53:48 PM

Curves

Standard Curve

