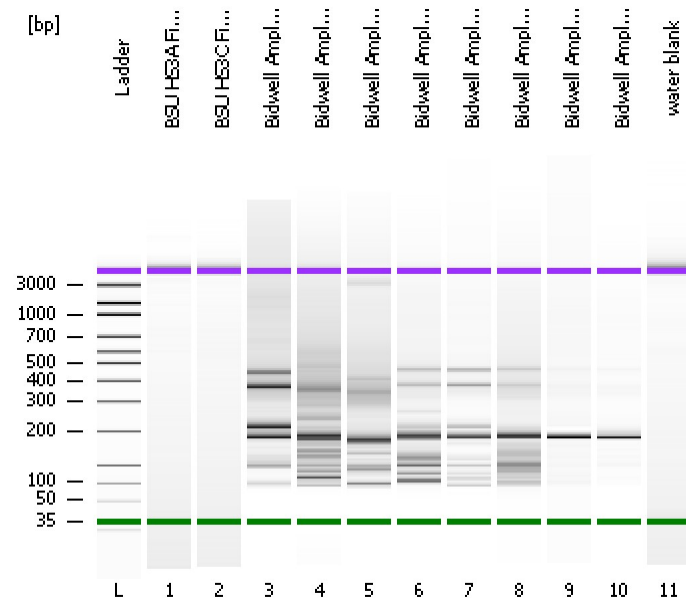


Assay Class: High Sensitivity DNA Assay
Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-05-17_10-56-02.xad

Created: 5/17/2011 10:56:02 AM
Modified: 5/17/2011 11:37:36 AM

Electrophoresis File Run Summary



Instrument Information:

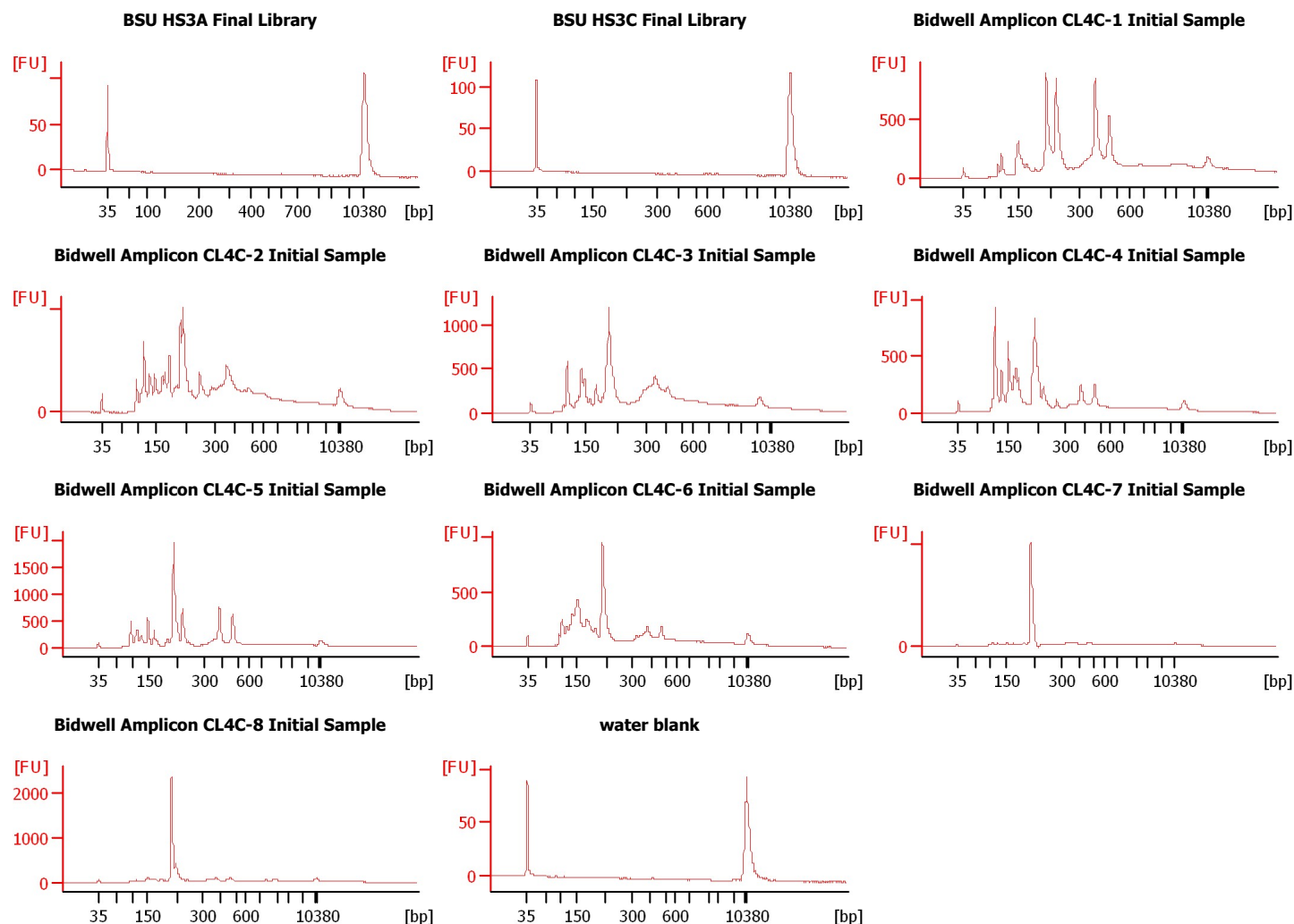
Instrument Name: Ann's baby
Serial#: DE24802235
Firmware: C.01.069
Type: G2938B

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_2011-05-17_10-56-02.xad

Created: 5/17/2011 10:56:02 AM
Modified: 5/17/2011 11:37:36 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
BSU HS3A Final Library		☐	✓			
BSU HS3C Final Library		☐	✓			
Bidwell Amplicon CL4C-1 Initial Sample		☐	✓			
Bidwell Amplicon CL4C-2 Initial Sample		☐	✓			
Bidwell Amplicon CL4C-3 Initial Sample		☐	✓			
Bidwell Amplicon CL4C-4 Initial Sample		☐	✓			
Bidwell Amplicon CL4C-5 Initial Sample		☐	✓			
Bidwell Amplicon CL4C-6 Initial Sample		☐	✓			
Bidwell Amplicon CL4C-7 Initial Sample		☐	✓			
Bidwell Amplicon CL4C-8 Initial Sample		☐	✓			
water blank		☐	✓			
Ladder		☐	✓			

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

Assay Class: High Sensitivity DNA Assay
Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-05-17_10-56-02.xad

Created: 5/17/2011 10:56:02 AM
Modified: 5/17/2011 11:37:36 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/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

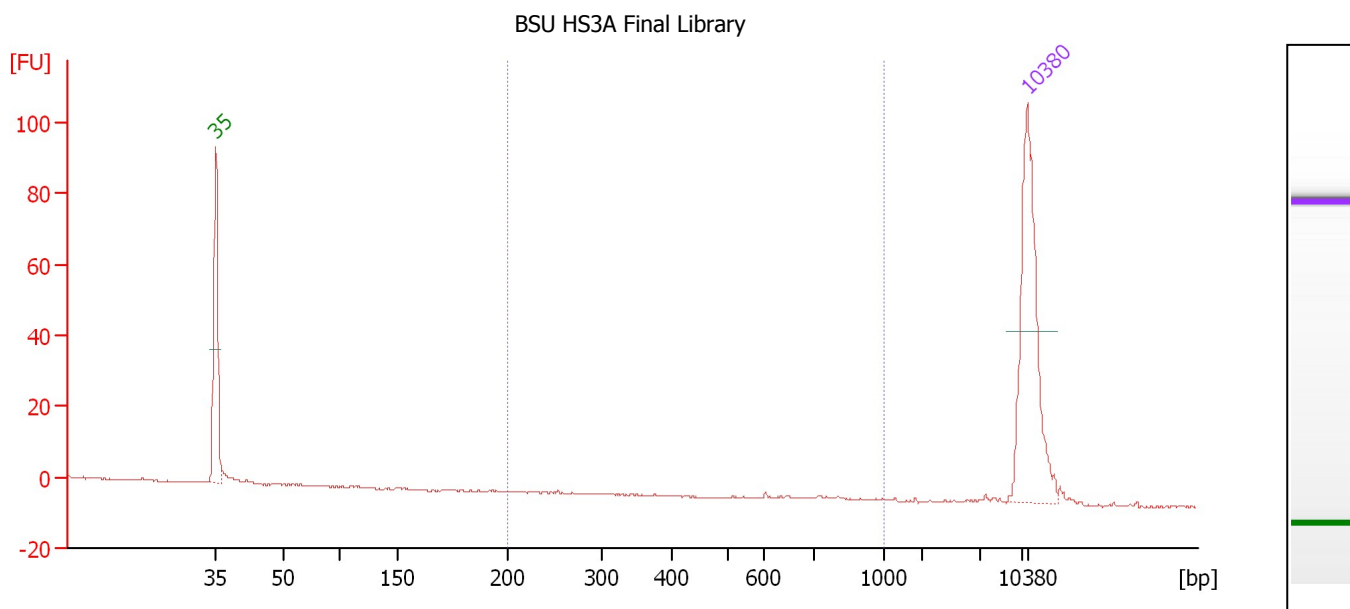
Ladder

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: D:\...gh Sensitivity DNA Assay_DE24802235_2011-05-17_10-56-02.xad

Created: 5/17/2011 10:56:02 AM
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Electropherogram Summary



Overall Results for sample 1 : BSU HS3A Final Library

Number of peaks found: 0 Corr. Area 1: 0.2
 Noise: 0.3

Peak table for sample 1 : BSU HS3A Final Library

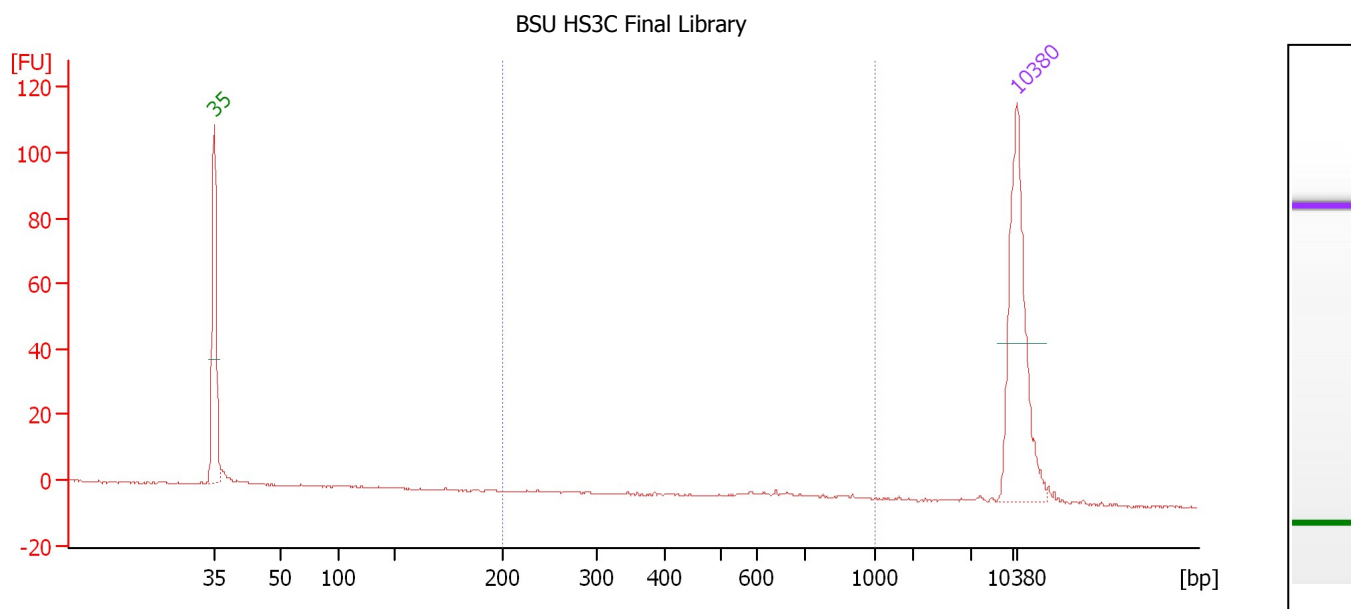
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	10,380	75.00	10.9	Upper Marker

Region table for sample 1 : BSU HS3A Final Library

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	0.2	2	689	12.4	0.14	0.3	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-05-17_10-56-02.xad

Created: 5/17/2011 10:56:02 AM
 Modified: 5/17/2011 11:37:36 AM

Electropherogram Summary Continued ...**Overall Results for sample 2 : BSU HS3C Final Library**

Number of peaks found: 0 Corr. Area 1: 12.5
 Noise: 0.2

Peak table for sample 2 : BSU HS3C Final Library

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

Region table for sample 2 : BSU HS3C Final Library

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	12.5	34	659	24.0	7.27	18.9	Blue

Assay Class: High Sensitivity DNA Assay
Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-05-17_10-56-02.xad

Created: 5/17/2011 10:56:02 AM
Modified: 5/17/2011 11:37:36 AM

Gel Image