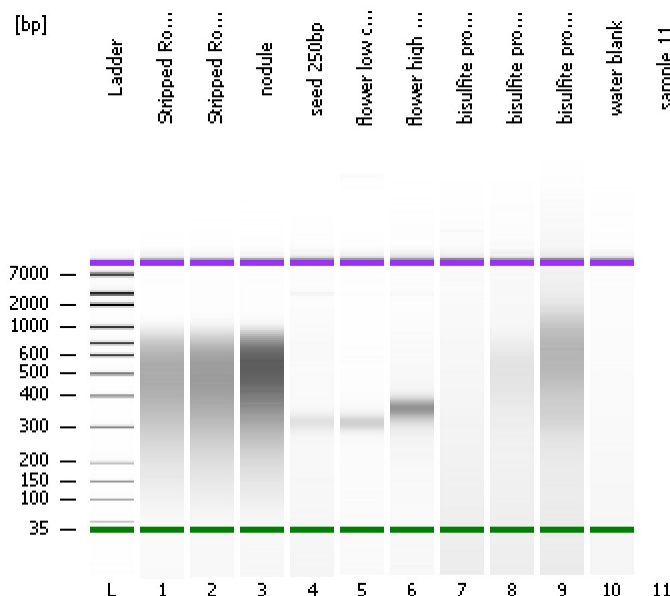


Assay Class: High Sensitivity DNA Assay
Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2010-09-14_13-20-08.xad

Created: 9/14/2010 1:20:08 PM
Modified: 9/15/2010 12:00:10 PM

Electrophoresis File Run Summary



Instrument Information:

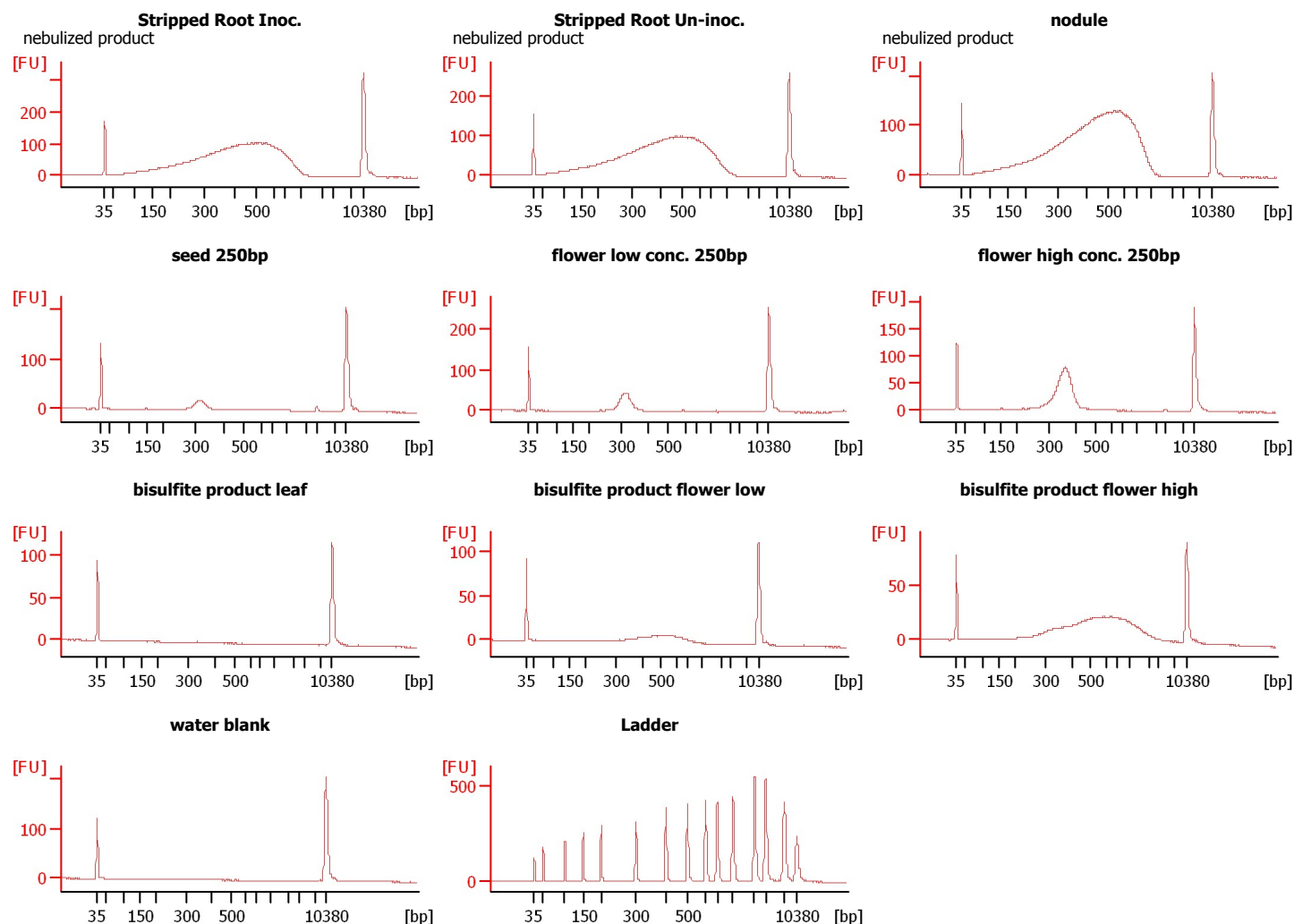
Instrument Name: Ann's baby
Serial#: DE24802235
Firmware: C.01.069
Type: G2938B

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: 1.0
Assay Comments: Copyright © 2003-2009 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_2010-09-14_13-20-08.xad

Created: 9/14/2010 1:20:08 PM
Modified: 9/15/2010 12:00:10 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
Stripped Root Inoc.	nebulized product	☐	✓			
Stripped Root Un-inoc.	nebulized product	☐	✓			
nodule	nebulized product	☐	✓			
seed 250bp		☐	✓			
flower low conc. 250bp		☐	✓			
flower high conc. 250bp		☐	✓			
bisulfite product leaf		☐	✓			
bisulfite product flower low		☐	✓			
bisulfite product flower high		☐	✓			
water blank		☐	✓			
sample 11		☐				

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

Assay Class: High Sensitivity DNA Assay
Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2010-09-14_13-20-08.xad

Created: 9/14/2010 1:20:08 PM
Modified: 9/15/2010 12:00:10 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

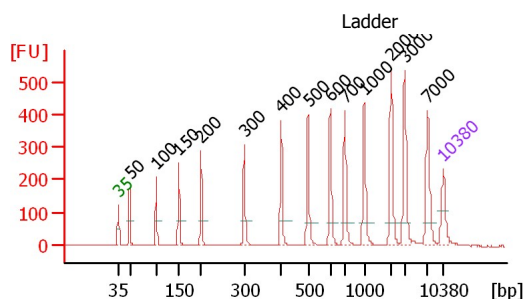
Ladder

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: D:\...gh Sensitivity DNA Assay_DE24802235_2010-09-14_13-20-08.xad

Created: 9/14/2010 1:20:08 PM
 Modified: 9/15/2010 12:00:10 PM

Electropherogram Summary



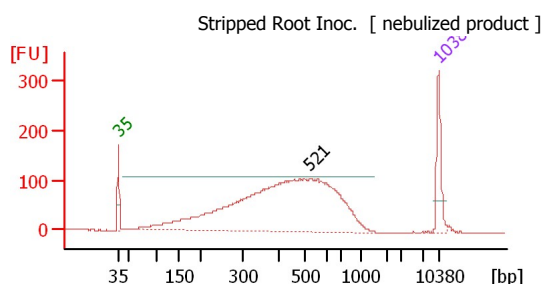
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
7	400	150.00	568.2	Ladder Peak
8	500	150.00	454.5	Ladder Peak
9	600	150.00	378.8	Ladder Peak
10	700	150.00	324.7	Ladder Peak
11	1,000	150.00	227.3	Ladder Peak
12	2,000	150.00	113.6	Ladder Peak
13	3,000	150.00	75.8	Ladder Peak
14	7,000	150.00	32.5	Ladder Peak
15	10,380	75.00	10.9	Upper Marker

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

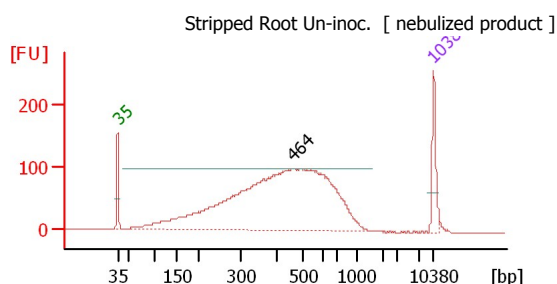


Overall Results for sample 1 : Stripped Root Inoc.

Number of peaks found: 1
 Noise: 0.3

Peak table for sample 1 : Stripped Root Inoc.

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	521	1,083.07	3,148.2	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 2 : Stripped Root Un-inoc.

Number of peaks found: 1
 Noise: 0.2

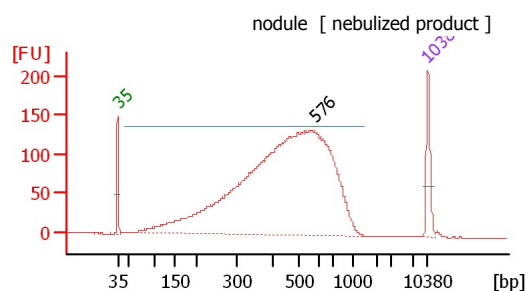
Peak table for sample 2 : Stripped Root Un-inoc.

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	464	1,515.22	4,945.1	
3	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
 Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2010-09-14_13-20-08.xad

Created: 9/14/2010 1:20:08 PM
 Modified: 9/15/2010 12:00:10 PM

Electropherogram Summary Continued ...

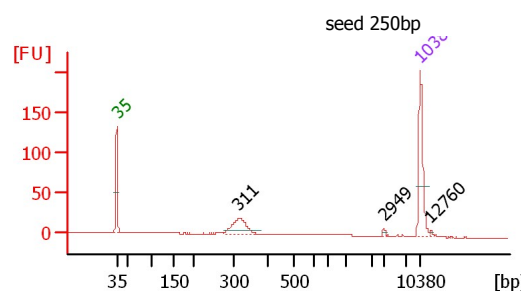


Overall Results for sample 3 : nodule

Number of peaks found: 1
 Noise: 0.3

Peak table for sample 3 : nodule

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	576	1,844.31	4,850.2	
3	10,380	75.00	10.9	Upper Marker

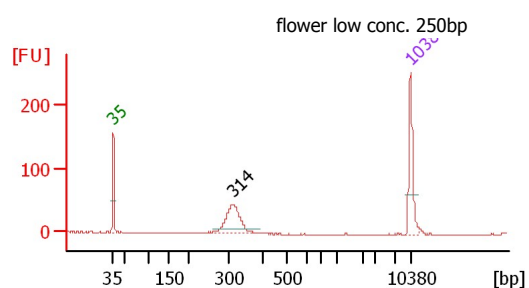


Overall Results for sample 4 : seed 250bp

Number of peaks found: 3
 Noise: 0.3

Peak table for sample 4 : seed 250bp

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	311	60.82	296.1	
3	2,949	2.44	1.3	
4	10,380	75.00	10.9	Upper Marker
5	12,760	0.00	0.0	

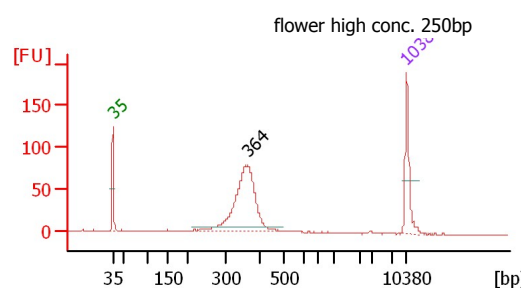


Overall Results for sample 5 : flower low conc. 250bp

Number of peaks found: 1
 Noise: 0.3

Peak table for sample 5 : flower low conc. 250bp

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	314	123.09	594.9	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 6 : flower high conc. 250bp

Number of peaks found: 1
 Noise: 0.3

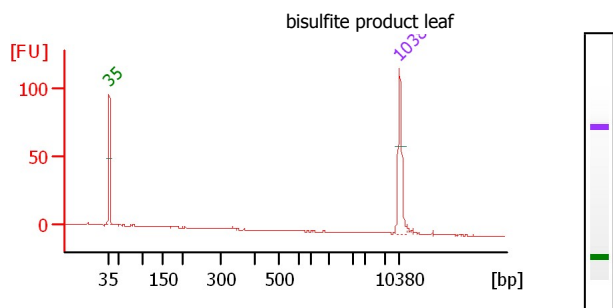
Peak table for sample 6 : flower high conc. 250bp

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	364	353.05	1,471.6	
3	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
 Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2010-09-14_13-20-08.xad

Created: 9/14/2010 1:20:08 PM
 Modified: 9/15/2010 12:00:10 PM

Electropherogram Summary Continued ...

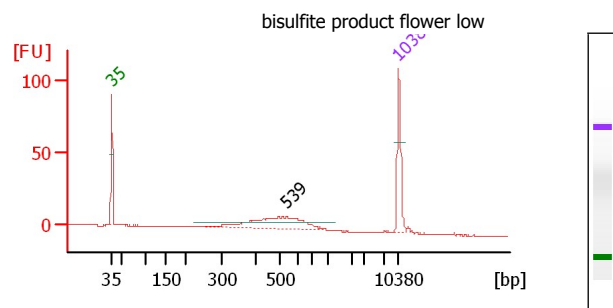


Overall Results for sample 7 : bisulfite product leaf

Number of peaks found: 0
 Noise: 0.2

Peak table for sample 7 : bisulfite product leaf

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

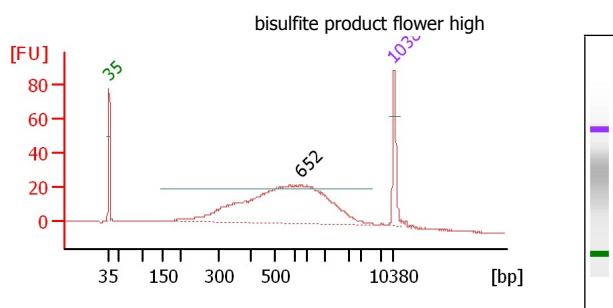


Overall Results for sample 8 : bisulfite product flower low

Number of peaks found: 1
 Noise: 0.2

Peak table for sample 8 : bisulfite product flower low

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	539	156.67	440.2	
3	10,380	75.00	10.9	Upper Marker

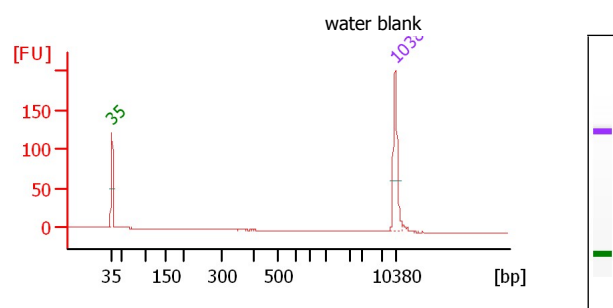


Overall Results for sample 9 : bisulfite product flower high

Number of peaks found: 1
 Noise: 0.2

Peak table for sample 9 : bisulfite product flower high

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	652	710.04	1,649.2	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 10 : water blank

Number of peaks found: 0
 Noise: 0.2

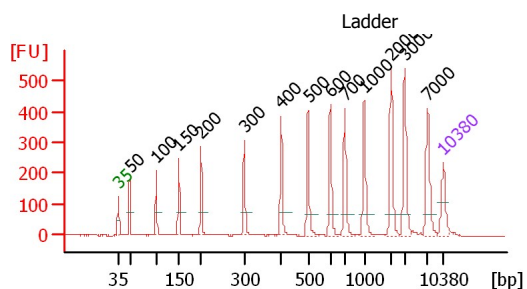
Peak table for sample 10 : water blank

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

Assay Class: High Sensitivity DNA Assay
 Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2010-09-14_13-20-08.xad

Created: 9/14/2010 1:20:08 PM
 Modified: 9/15/2010 12:00:10 PM

Electropherogram Summary Continued ...



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

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
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: D:\...gh Sensitivity DNA Assay_DE24802235_2010-09-14_13-20-08.xad

Created: 9/14/2010 1:20:08 PM
Modified: 9/15/2010 12:00:10 PM

Gel Image