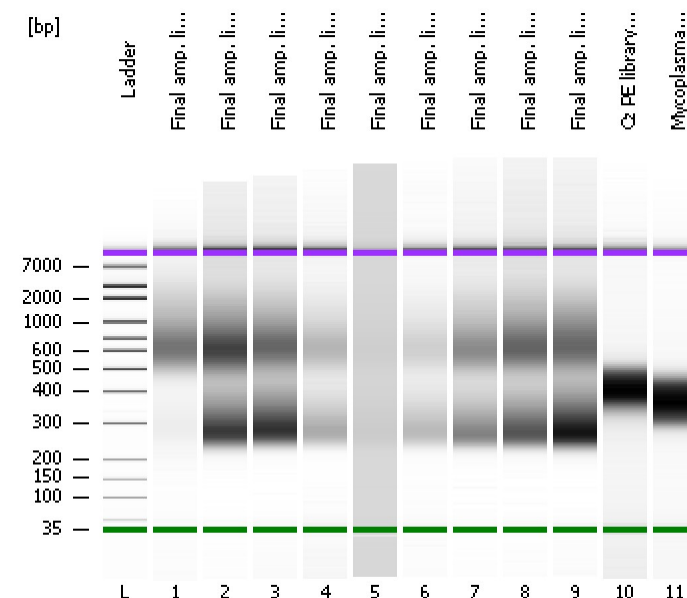


Assay Class: High Sensitivity DNA Assay
Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-06-29_18-09-47.xad

Created: 6/29/2011 6:09:46 PM
Modified: 6/30/2011 11:29:48 AM

Electrophoresis File Run Summary



Instrument Information:

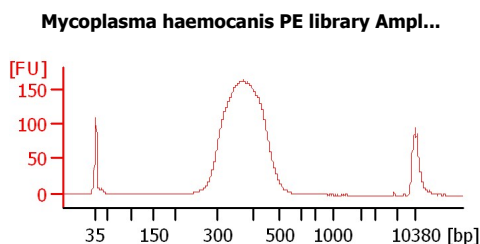
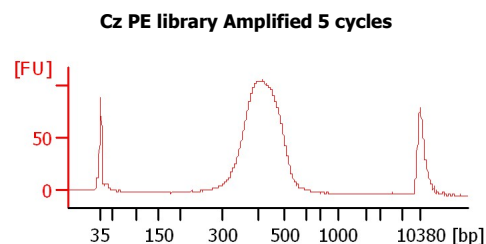
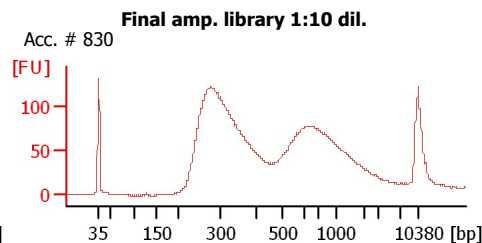
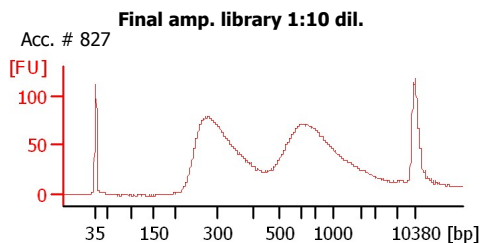
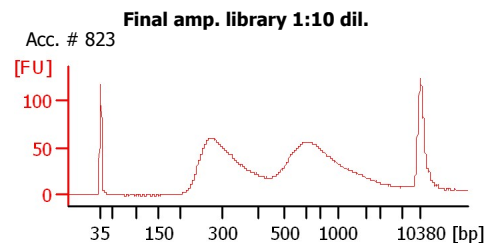
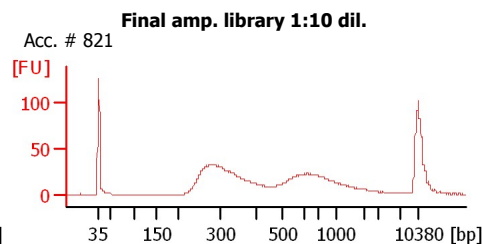
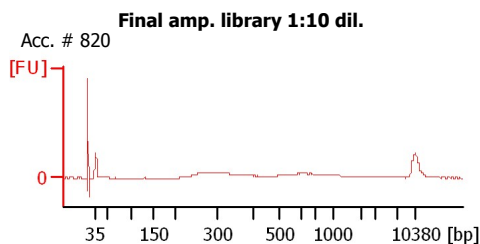
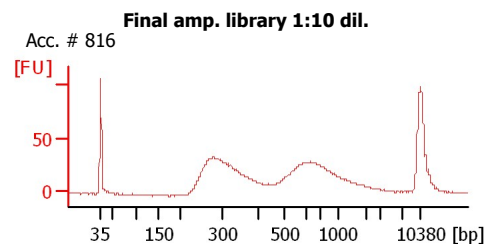
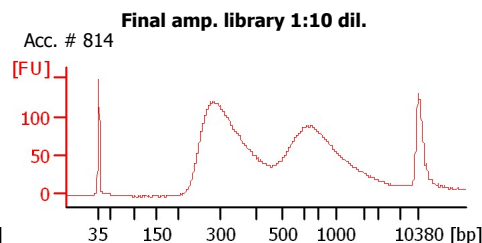
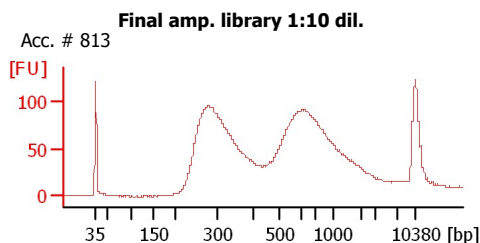
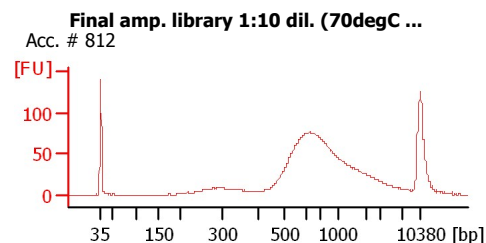
Instrument Name: Ann's baby
Serial#: DE24802235
Firmware: C.01.069
Type: G2938B

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_18-09-47.xad

Created: 6/29/2011 6:09:46 PM
Modified: 6/30/2011 11:29:48 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. (70degC denature)	Acc. # 812	☐	☒			
Final amp. library 1:10 dil.	Acc. # 813	☐	☒			
Final amp. library 1:10 dil.	Acc. # 814	☐	☒			
Final amp. library 1:10 dil.	Acc. # 816	☐	☒			
Final amp. library 1:10 dil.	Acc. # 820	☐	☒			
Final amp. library 1:10 dil.	Acc. # 821	☐	☒			
Final amp. library 1:10 dil.	Acc. # 823	☐	☒			
Final amp. library 1:10 dil.	Acc. # 827	☐	☒			
Final amp. library 1:10 dil.	Acc. # 830	☐	☒			
Cz PE library Amplified 5 cycles		☐	☒			
Mycoplasma haemocanis PE library Amplified 5 cycles		☐	☒			
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_18-09-47.xad

Created: 6/29/2011 6:09:46 PM
Modified: 6/30/2011 11:29:48 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] : 90
Area Threshold : 0.1
Width Threshold [s] : 0.6
Baseline Plateau [s] : 0.5

Filter Settings

Filter Width [s] : 0.5
Polynomial Order : 4

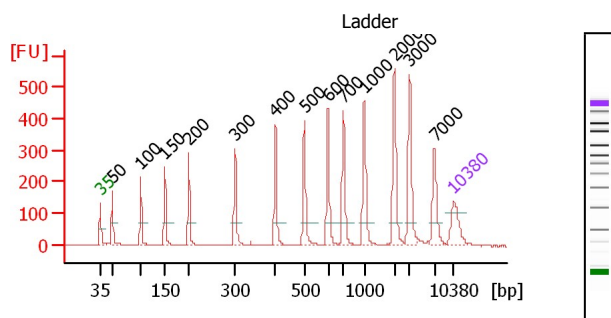
Ladder

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_18-09-47.xad

Created: 6/29/2011 6:09:46 PM
 Modified: 6/30/2011 11:29:48 AM

Electropherogram Summary



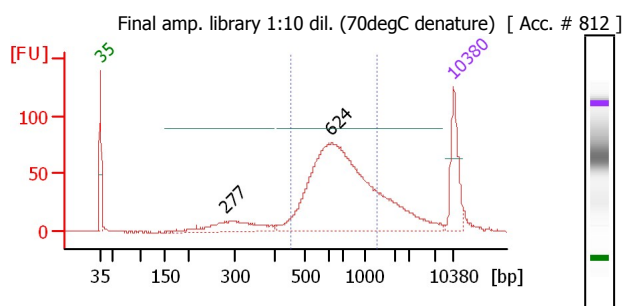
Overall Results for Ladder

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

Number of peaks found: 2
 Noise: 0.3
 Corr. Area 1: 1,010.0

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
454	1,415	1,010.0	68	719	29.7	534.47	1,229.4	Blue

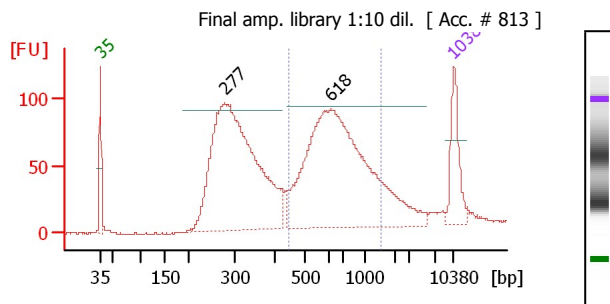
Assay Class: High Sensitivity DNA Assay
 Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-06-29_18-09-47.xad

Created: 6/29/2011 6:09:46 PM
 Modified: 6/30/2011 11:29:48 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	277	113.72	622.4	
3	624	680.05	1,651.8	
4	10,380	75.00	10.9	Upper Marker



Overall Results for sample 2

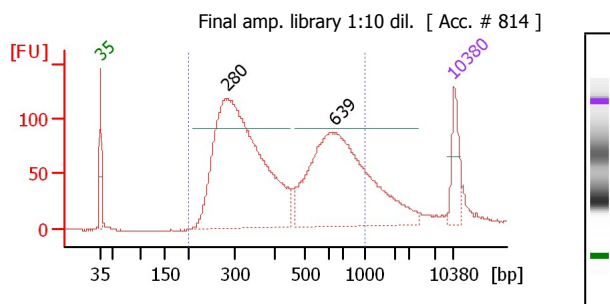
Number of peaks found: 2
 Noise: 0.4
 Corr. Area 1: 1,246.6

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
449	1,585	1,246.6	43	726	34.8	623.98	1,457.7	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	277	926.58	5,064.5	
3	618	733.46	1,797.4	
4	10,380	75.00	10.9	Upper Marker



Overall Results for sample 3

Number of peaks found: 2
 Noise: 0.4
 Corr. Area 1: 2,873.6

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	2,873.6	87	459	41.8	1,704.27	7,008.0	Blue

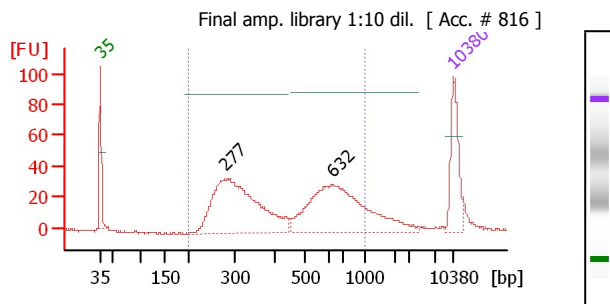
Assay Class: High Sensitivity DNA Assay
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Created: 6/29/2011 6:09:46 PM
 Modified: 6/30/2011 11:29:48 AM

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	280	1,243.57	6,723.9	
3	639	712.67	1,689.4	
4	10,380	75.00	10.9	Upper Marker



Overall Results for sample 4

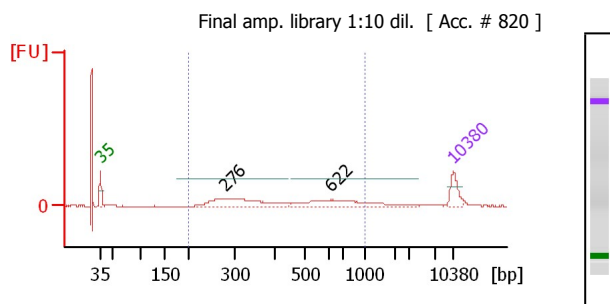
Number of peaks found: 2
 Noise: 0.6
 Corr. Area 1: 814.1

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	814.1	85	477	41.3	584.53	2,345.3	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	277	431.63	2,357.5	
3	632	292.31	700.6	
4	10,380	75.00	10.9	Upper Marker



Overall Results for sample 5

Number of peaks found: 2
 Noise: 0.4
 Corr. Area 1: 676.3

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	676.3	66	460	41.7	428.53	1,764.6	Blue

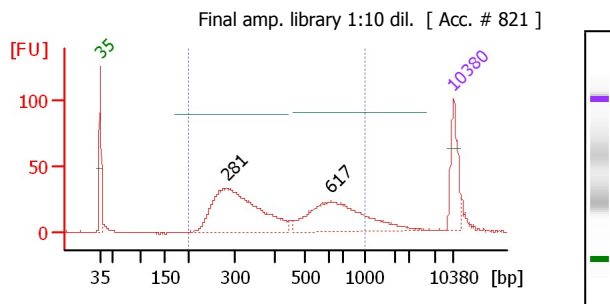
Assay Class: High Sensitivity DNA Assay
 Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-06-29_18-09-47.xad

Created: 6/29/2011 6:09:46 PM
 Modified: 6/30/2011 11:29:48 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	276	317.42	1,742.6	
3	622	193.64	471.4	
4	10,380	75.00	10.9	Upper Marker



Overall Results for sample 6

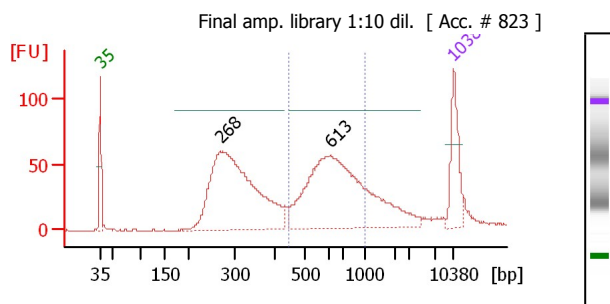
Number of peaks found: 2
 Noise: 0.3
 Corr. Area 1: 775.5

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	775.5	85	452	42.3	644.94	2,698.8	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	281	480.56	2,586.6	
3	617	236.68	581.1	
4	10,380	75.00	10.9	Upper Marker



Overall Results for sample 7

Number of peaks found: 2
 Noise: 0.4
 Corr. Area 1: 673.8

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
448	1,000	673.8	36	646	21.0	375.95	926.3	Blue

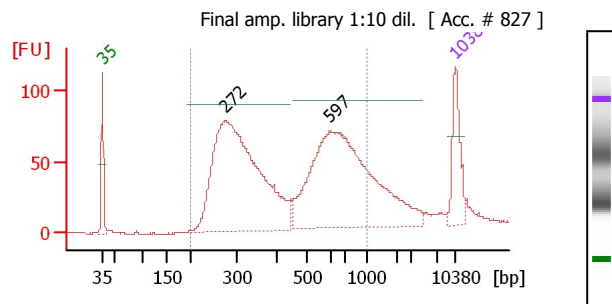
Assay Class: High Sensitivity DNA Assay
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Created: 6/29/2011 6:09:46 PM
 Modified: 6/30/2011 11:29:48 AM

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	268	637.28	3,606.4	
3	613	489.27	1,209.3	
4	10,380	75.00	10.9	Upper Marker



Overall Results for sample 8

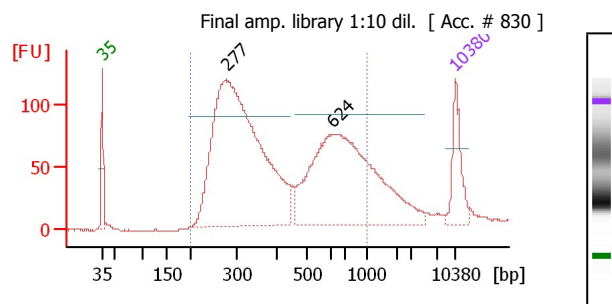
Number of peaks found: 2
 Noise: 0.4
 Corr. Area 1: 2,013.4

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	2,013.4	83	474	42.1	1,252.95	5,093.8	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	272	850.33	4,738.2	
3	597	610.36	1,548.9	
4	10,380	75.00	10.9	Upper Marker



Overall Results for sample 9

Number of peaks found: 2
 Noise: 0.4
 Corr. Area 1: 2,827.7

Region table for sample 9

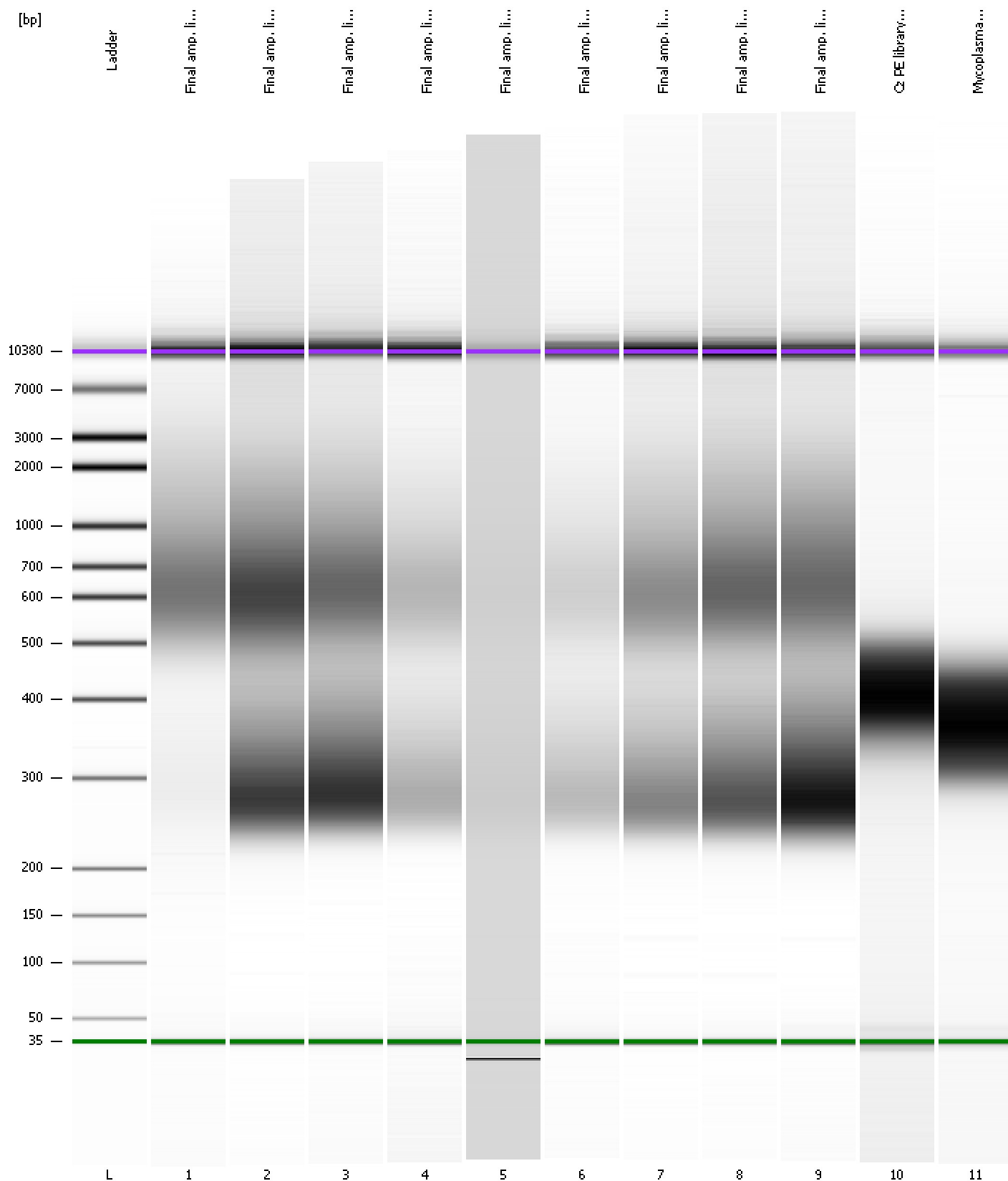
From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	2,827.7	87	447	43.5	1,613.09	6,871.0	Blue

Peak table for sample 9

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	277	1,209.37	6,614.5	
3	624	641.91	1,557.8	
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_18-09-47.xad

Created: 6/29/2011 6:09:46 PM
Modified: 6/30/2011 11:29:48 AM

Gel Image

Assay Class: High Sensitivity DNA Assay
Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-06-29_18-09-47.xad

Created: 6/29/2011 6:09:46 PM
Modified: 6/30/2011 11:29:48 AM

Curves

Standard Curve

