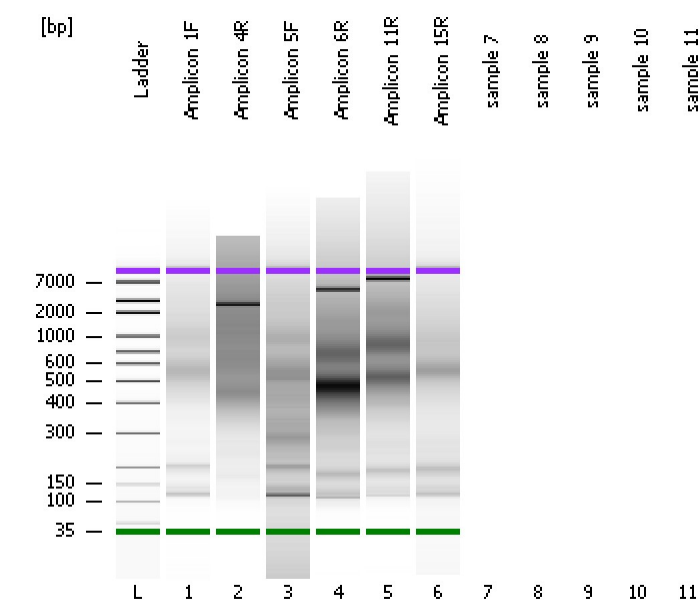


Assay Class: High Sensitivity DNA Assay
Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-03-15_16-59-53.xad

Created: 3/15/2011 4:59:53 PM
Modified: 3/15/2011 5:27:04 PM

Electrophoresis File Run Summary



Instrument Information:

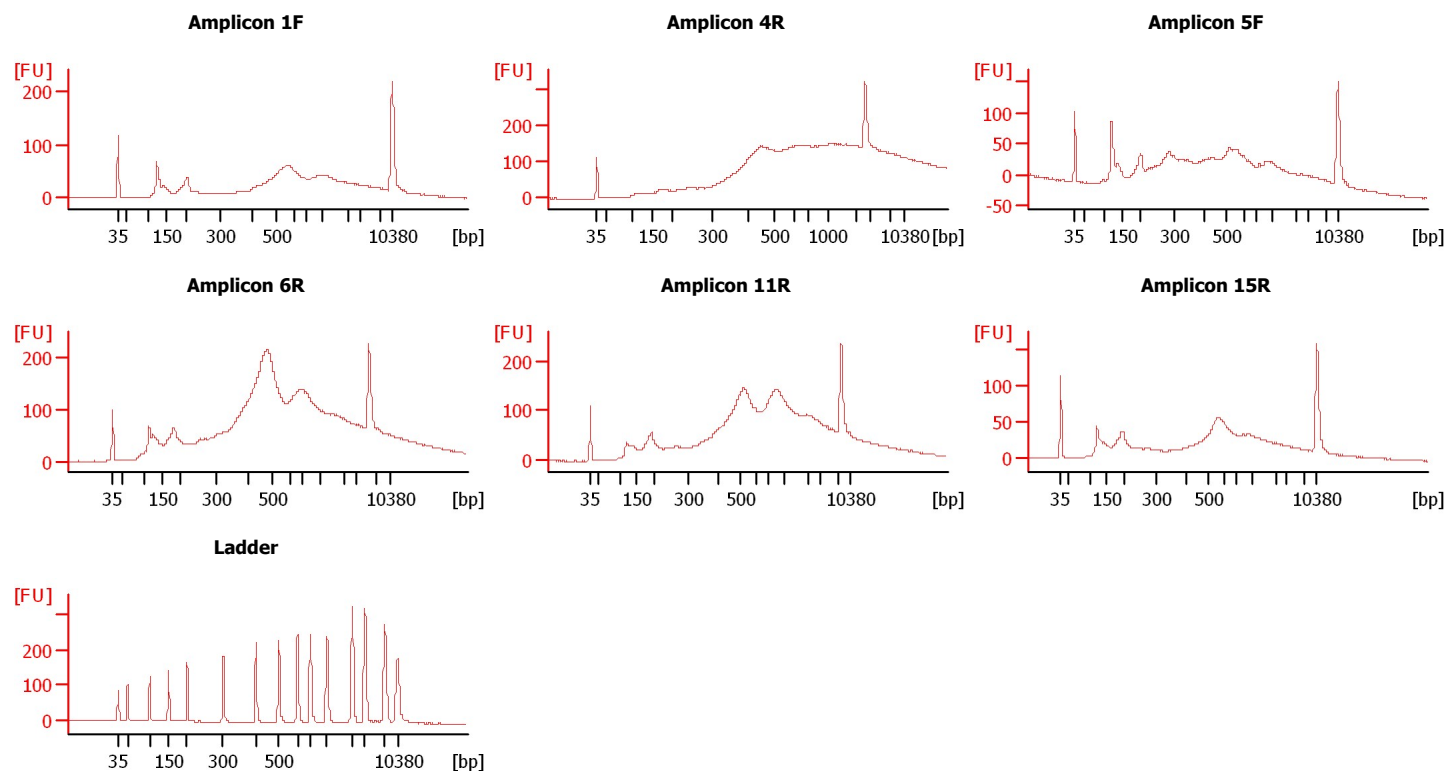
Instrument Name: Ann's baby
Serial#: DE24802235
Firmware: C.01.069
Type: G2938B

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_2011-03-15_16-59-53.xad

Created: 3/15/2011 4:59:53 PM
Modified: 3/15/2011 5:27:04 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
Amplicon 1F		☐	✓			
Amplicon 4R		☐	✓			
Amplicon 5F		☐	✓			
Amplicon 6R		☐	✓			
Amplicon 11R		☐	✓			
Amplicon 15R		☐	✓			
sample 7		☐				
sample 8		☐				
sample 9		☐				
sample 10		☐				
sample 11		☐				

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

Assay Class: High Sensitivity DNA Assay
Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-03-15_16-59-53.xad

Created: 3/15/2011 4:59:53 PM
Modified: 3/15/2011 5:27:04 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] : 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

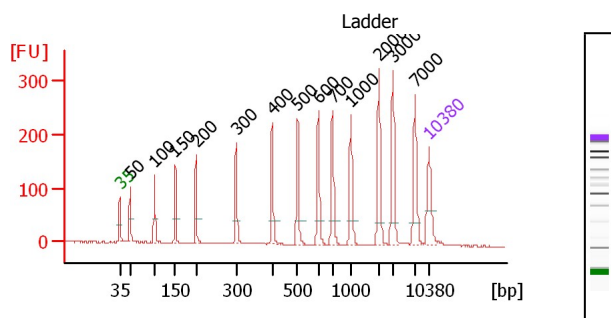
Ladder

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_2011-03-15_16-59-53.xad

Created: 3/15/2011 4:59:53 PM
 Modified: 3/15/2011 5:27:04 PM

Electropherogram Summary



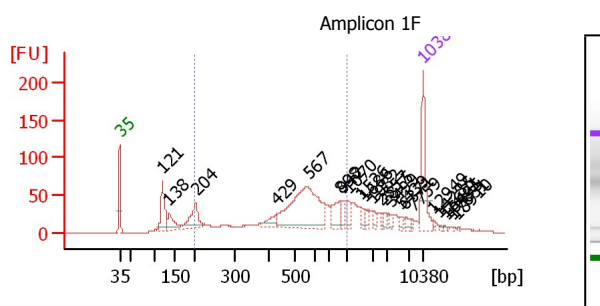
Overall Results for Ladder

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 : Amplicon 1F

Number of peaks found: 23
 Noise: 0.3
 Corr. Area 1: 1,130.4

Region table for sample 1 : Amplicon 1F

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	1,130.4	58	545	35.5	558.98	1,976.2	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-03-15_16-59-53.xad

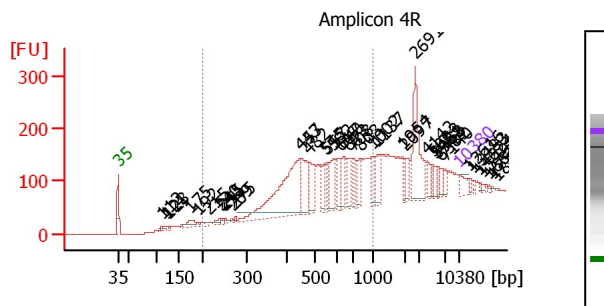
Created: 3/15/2011 4:59:53 PM
 Modified: 3/15/2011 5:27:04 PM

Electropherogram Summary Continued ...

Peak table for sample 1 :

Amplicon 1F

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	121	90.75	1,135.2	
3	138	45.69	501.4	
4	204	73.66	548.3	
5	429	23.97	84.7	
6	567	221.34	591.0	
7	898	34.55	58.3	
8	942	11.96	19.2	
9	1,070	13.46	19.1	
10	1,526	11.09	11.0	
11	1,686	7.61	6.8	
12	1,982	5.67	4.3	
13	2,557	4.87	2.9	
14	2,815	5.80	3.1	
15	3,499	6.20	2.7	
16	5,439	4.06	1.1	
17	6,371	6.79	1.6	
18	7,759	3.23	0.6	
19	10,380	75.00	10.9	Upper Marker
20	12,949	0.00	0.0	
21	14,285	0.00	0.0	
22	15,621	0.00	0.0	
23	16,495	0.00	0.0	
24	17,831	0.00	0.0	
25	18,910	0.00	0.0	



Overall Results for sample 2 : Amplicon 4R

Number of peaks found: 40
 Noise: 0.3
 Corr. Area 1: 2,213.6

Region table for sample 2 : Amplicon 4R

From To [bp]	Area [bp]	Corr. % of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	2,213.6	60	578	29.0	3,535.87	10,306.2

Peak table for sample 2 :

Amplicon 4R

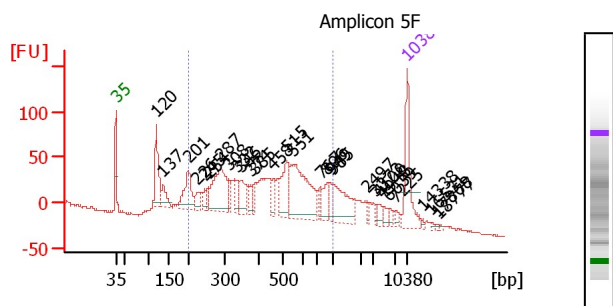
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	112	30.62	414.1	
3	121	35.02	437.8	
4	128	24.89	295.6	
5	175	145.34	1,260.9	
6	192	16.30	128.3	
7	215	18.35	129.1	
8	240	49.89	314.6	
9	245	18.02	111.4	
10	251	27.23	164.3	
11	269	11.04	62.1	
12	275	11.37	62.6	
13	447	1,241.86	4,204.7	
14	453	367.77	1,228.9	
15	482	212.73	668.2	
16	545	142.71	396.8	
17	557	121.56	330.8	
18	582	179.68	467.4	
19	617	165.16	405.4	
20	640	128.67	304.5	
21	673	96.36	217.1	
22	708	101.39	216.9	
23	803	133.55	252.1	
24	1,002	120.96	182.9	
25	1,137	173.30	230.9	

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
26	1,954	68.44	53.1	
27	2,097	87.12	62.9	
28	2,691	484.05	272.5	
29	4,142	74.79	27.4	
30	5,003	42.28	12.8	
31	5,451	40.69	11.3	
32	5,968	39.43	10.0	
33	6,382	59.34	14.1	
34	7,140	52.78	11.2	
35	10,380	75.00	10.9	Upper Marker
36	12,616	0.00	0.0	
37	13,483	0.00	0.0	
38	14,624	0.00	0.0	
39	15,491	0.00	0.0	
40	16,678	0.00	0.0	
41	17,591	0.00	0.0	
42	18,549	0.00	0.0	

Assay Class: High Sensitivity DNA Assay
 Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-03-15_16-59-53.xad

Created: 3/15/2011 4:59:53 PM
 Modified: 3/15/2011 5:27:04 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : Amplicon 5F

Number of peaks found: 29
 Noise: 0.9
 Corr. Area 1: 1,760.5

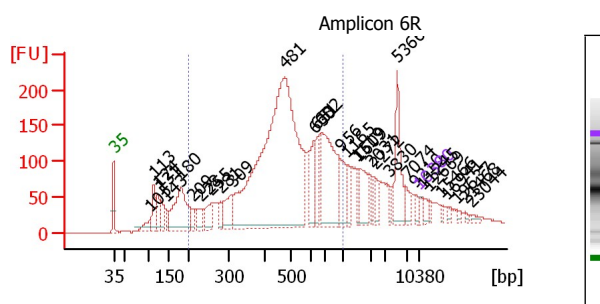
Region table for sample 3 : Amplicon 5F

From To [bp]	Corr. Area [bp]	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarit y [pmol/l]	Co lo r
200	1,000	1,760.5	69	473	40.0	908.71	3,638.7

Peak table for sample 3 :

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observation s
1	35	125.00	5,411.3	Lower Marker
2	120	108.81	1,379.3	
3	137	41.08	453.7	
4	201	82.62	622.9	
5	226	21.89	146.5	
6	245	13.03	80.6	
7	254	15.32	91.4	
8	287	142.08	749.8	
9	308	18.44	90.6	
10	332	22.58	103.0	
11	346	48.24	211.0	
12	374	14.04	56.9	
13	385	14.46	56.9	
14	458	27.60	91.4	
15	515	82.42	242.3	
16	551	164.44	452.4	
17	767	11.16	22.0	
18	896	29.87	50.5	
19	949	16.02	25.6	
20	985	78.87	121.3	
21	2,497	7.19	4.4	
22	3,373	5.27	2.4	
23	4,100	8.71	3.2	
24	4,948	9.81	3.0	
25	6,039	5.99	1.5	
26	7,225	4.98	1.0	

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observation s
27	10,380	75.00	10.9	Upper Marker
28	14,338	0.00	0.0	
29	16,531	0.00	0.0	
30	17,868	0.00	0.0	
31	18,777	0.00	0.0	



Overall Results for sample 4 : Amplicon 6R

Number of peaks found: 32
 Noise: 0.3
 Corr. Area 1: 4,142.5

Region table for sample 4 : Amplicon 6R

From To [bp]	Corr. Area [bp]	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarit y [pmol/l]	Co lo r
200	1,000	4,142.5	65	511	34.1	14,586.5	51,508.3

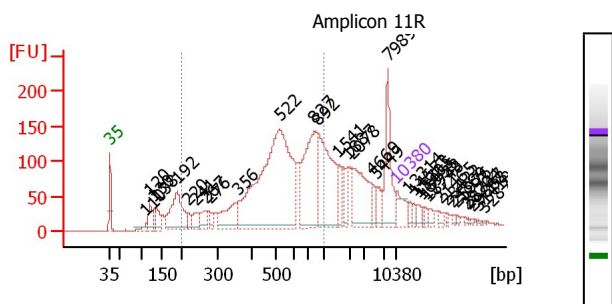
Assay Class: High Sensitivity DNA Assay
 Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-03-15_16-59-53.xad

Created: 3/15/2011 4:59:53 PM
 Modified: 3/15/2011 5:27:04 PM

Electropherogram Summary Continued ...

Peak table for sample 4 : Amplicon 6R

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker	27	10,380	75.00	10.9	Upper Marker
2	105	289.16	4,182.0		28	11,245	0.00	0.0	
3	113	553.01	7,387.5		29	12,669	0.00	0.0	
4	124	386.15	4,714.1		30	15,466	0.00	0.0	
5	131	423.35	4,887.5		31	16,941	0.00	0.0	
6	143	229.67	2,425.6		32	19,637	0.00	0.0	
7	180	1,649.76	13,916.8		33	21,468	0.00	0.0	
8	209	184.24	1,336.3		34	23,044	0.00	0.0	
9	228	225.34	1,495.3						
10	255	448.89	2,666.0						
11	281	164.97	888.4						
12	309	615.40	3,017.1						
13	481	8,479.83	26,716.1						
14	630	537.55	1,293.5						
15	651	326.02	759.1						
16	682	1,737.69	3,858.7						
17	956	478.75	759.0						
18	1,165	239.31	311.2						
19	1,519	139.67	139.3						
20	1,609	444.33	418.4						
21	2,031	151.95	113.4						
22	2,272	158.40	105.6						
23	3,830	103.74	41.0						
24	5,366	745.67	210.5						
25	7,074	112.87	24.2						
26	9,210	91.74	15.1						



Overall Results for sample 5 : Amplicon 11R

Number of peaks found: 34
 Noise: 0.5
 Corr. Area 1: 2,920.0

Region table for sample 5 : Amplicon 11R

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	2,920.0	58	558	34.9	2,943.59	9,832.4	Blue

Peak table for sample 5 : Amplicon 11R

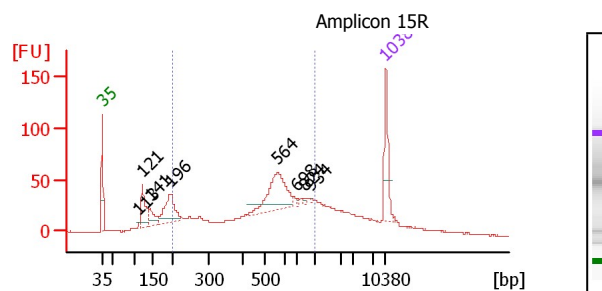
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	110	31.57	433.6	
3	120	98.36	1,246.5	
4	130	57.51	668.1	
5	138	103.97	1,141.1	
6	192	400.39	3,161.0	
7	220	47.72	329.1	
8	241	75.95	477.5	
9	267	89.60	507.7	
10	276	49.47	271.7	
11	356	195.36	831.5	
12	522	1,481.77	4,302.7	
13	827	480.03	879.7	
14	892	506.79	860.7	
15	1,541	63.28	62.2	
16	1,887	61.63	49.5	
17	2,078	261.56	190.7	
18	4,669	41.59	13.5	
19	5,449	71.90	20.0	
20	7,989	228.02	43.2	
21	10,380	75.00	10.9	Upper Marker
22	13,314	0.00	0.0	
23	14,673	0.00	0.0	
24	15,705	0.00	0.0	

Assay Class: High Sensitivity DNA Assay
 Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-03-15_16-59-53.xad

Created: 3/15/2011 4:59:53 PM
 Modified: 3/15/2011 5:27:04 PM

Electropherogram Summary Continued ...

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
25	16,955	0.00	0.0	
26	17,933	0.00	0.0	
27	18,748	0.00	0.0	
28	21,465	0.00	0.0	
29	23,422	0.00	0.0	
30	24,889	0.00	0.0	
31	25,976	0.00	0.0	
32	28,204	0.00	0.0	
33	28,747	0.00	0.0	
34	29,888	0.00	0.0	
35	31,410	0.00	0.0	
36	32,877	0.00	0.0	



Overall Results for sample 6 : Amplicon 15R

Number of peaks found: 8
 Noise: 0.3
 Corr. Area 1: 1,053.4

Region table for sample 6 : Amplicon 15R

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	1,053.4	57	526	37.1	802.00	2,966.6	Blue

Peak table for sample 6 : Amplicon 15R

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	113	6.01	80.3	
3	121	96.71	1,208.0	
4	141	52.81	566.7	
5	196	125.95	972.3	
6	564	152.56	409.8	
7	698	4.03	8.8	
8	824	4.90	9.0	
9	934	2.05	3.3	
10	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-03-15_16-59-53.xad

Created: 3/15/2011 4:59:53 PM
Modified: 3/15/2011 5:27:04 PM

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