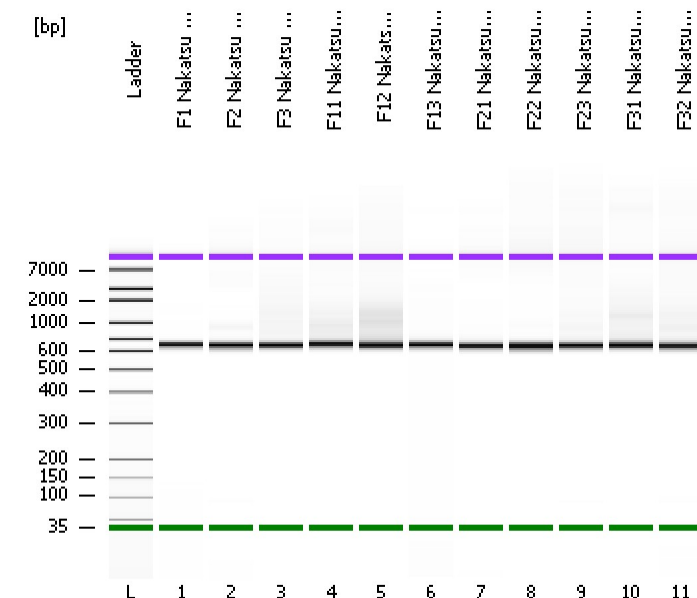


Assay Class: High Sensitivity DNA Assay
Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-06-06_11-38-41.xad

Created: 6/6/2011 11:38:41 AM
Modified: 6/6/2011 12:50:38 PM

Electrophoresis File Run Summary



Instrument Information:

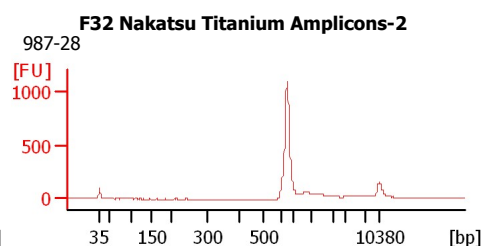
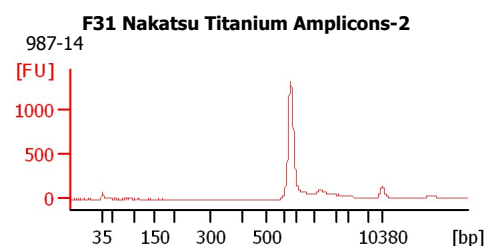
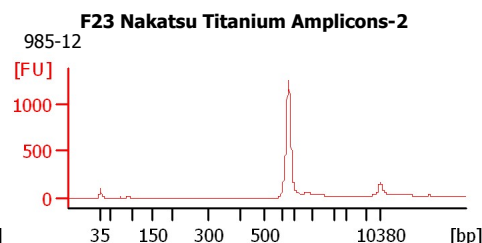
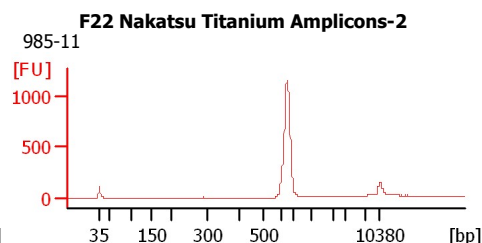
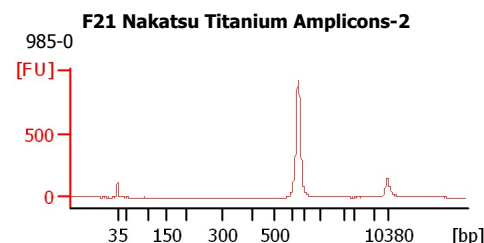
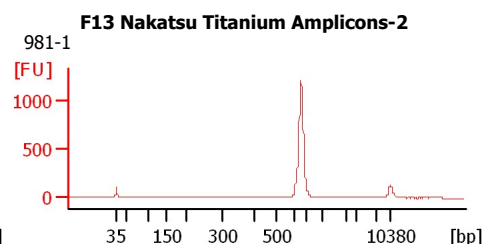
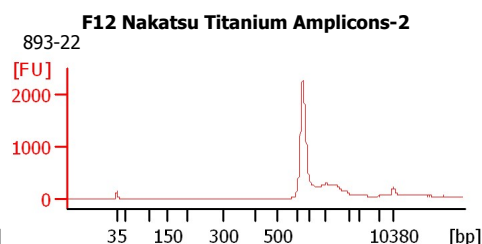
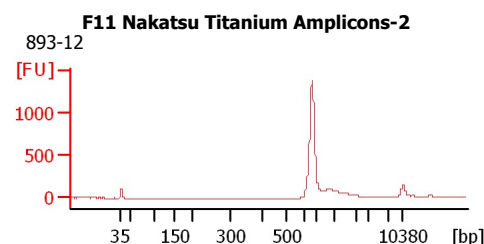
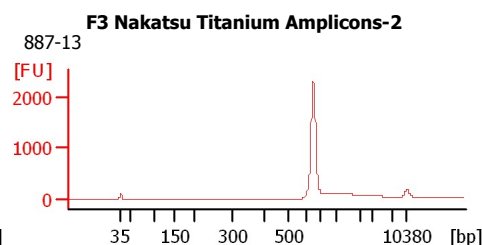
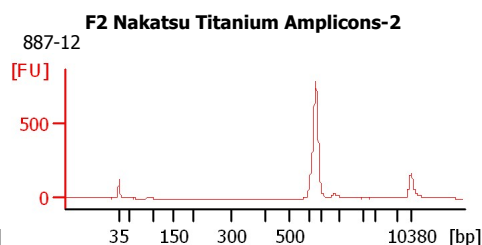
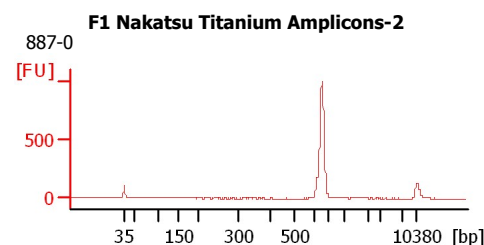
Instrument Name: Ann's baby
Serial#: DE24802235
Firmware: C.01.069
Type: G2938B

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_2011-06-06_11-38-41.xad

Created: 6/6/2011 11:38:41 AM
Modified: 6/6/2011 12:50:38 PM

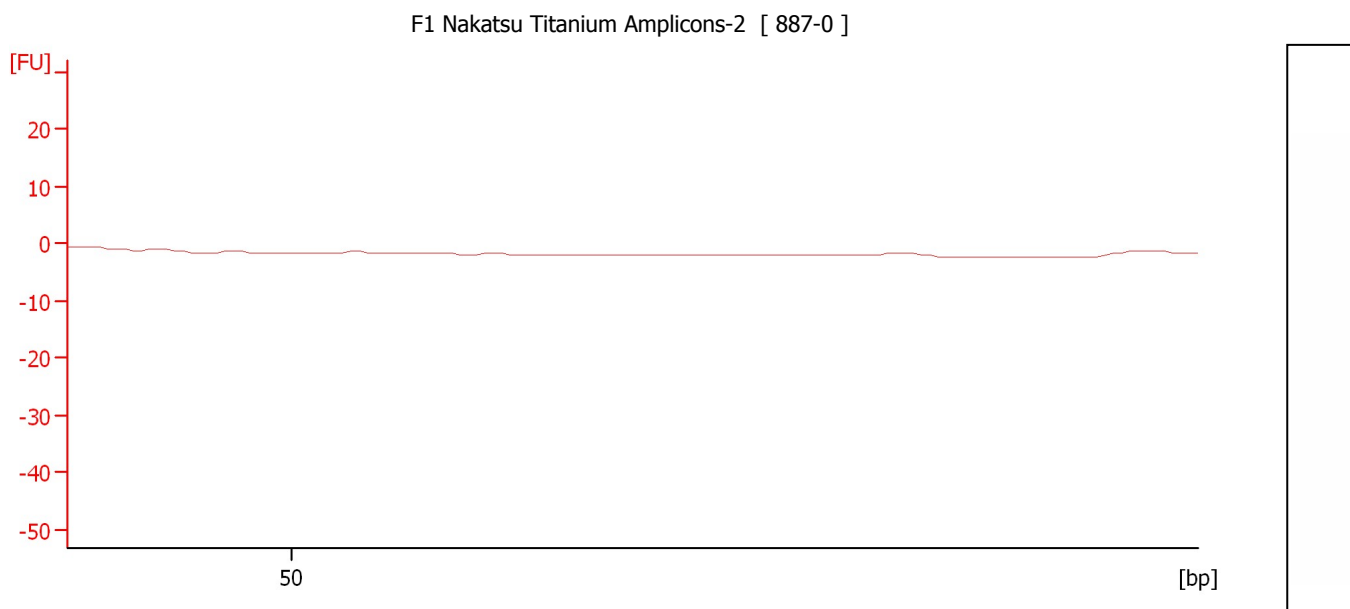
Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
F1 Nakatsu Titanium Amplicons-2	887-0	☐	✓			
F2 Nakatsu Titanium Amplicons-2	887-12	☐	✓			
F3 Nakatsu Titanium Amplicons-2	887-13	☐	✓			
F11 Nakatsu Titanium Amplicons-2	893-12	☐	✓			
F12 Nakatsu Titanium Amplicons-2	893-22	☐	✓			
F13 Nakatsu Titanium Amplicons-2	981-1	☐	✓			
F21 Nakatsu Titanium Amplicons-2	985-0	☐	✓			
F22 Nakatsu Titanium Amplicons-2	985-11	☐	✓			
F23 Nakatsu Titanium Amplicons-2	985-12	☐	✓			
F31 Nakatsu Titanium Amplicons-2	987-14	☐	✓			
F32 Nakatsu Titanium Amplicons-2	987-28	☐	✓			
Ladder		☐	✓			

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

Assay Class: High Sensitivity DNA Assay
 Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-06-06_11-38-41.xad

Created: 6/6/2011 11:38:41 AM
 Modified: 6/6/2011 12:50:38 PM

Electropherogram Summary**Overall Results for sample 1 : F1 Nakatsu Titanium Amplicons-2**

Number of peaks found: 2 Corr. Area 1: 1,447.8
 Noise: 0.2

Peak table for sample 1 : F1 Nakatsu Titanium Amplicons-2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	656	922.70	2,130.2	
3	10,380	75.00	10.9	Upper Marker
4	12,404	0.00	0.0	

Region table for sample 1 : F1 Nakatsu Titanium Amplicons-2

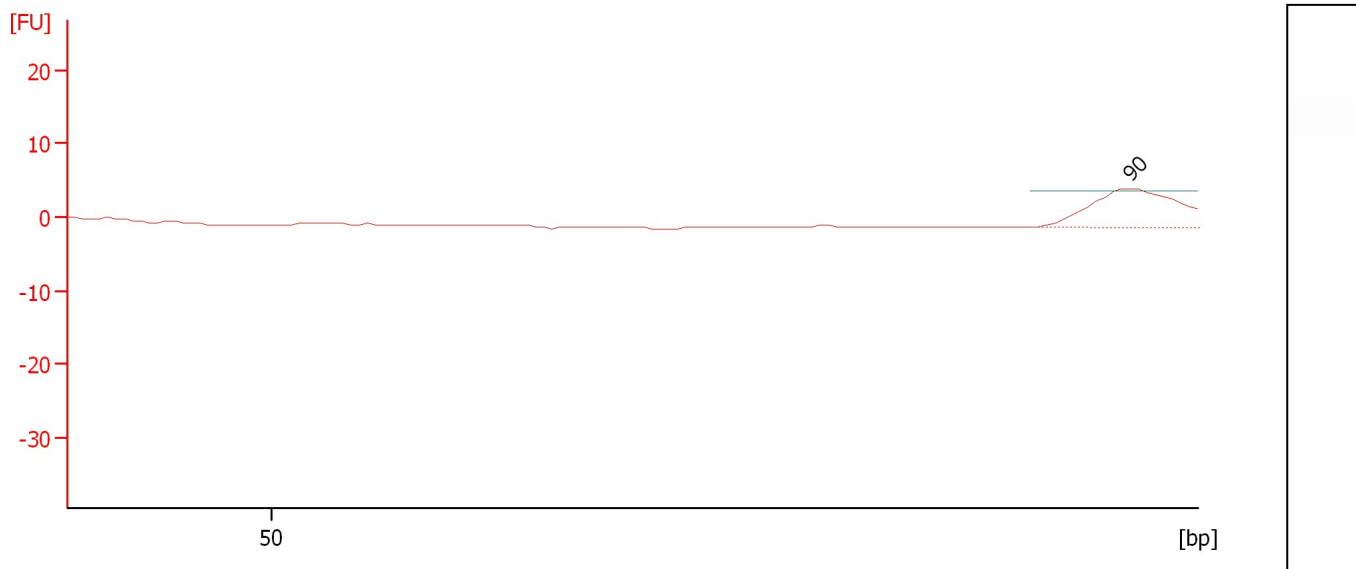
From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	1,447.8	98	656	4.3	924.48	2,137.9	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-06-06_11-38-41.xad

Created: 6/6/2011 11:38:41 AM
 Modified: 6/6/2011 12:50:38 PM

Electropherogram Summary Continued ...

F2 Nakatsu Titanium Amplicons-2 [887-12]

**Overall Results for sample 2 : F2 Nakatsu Titanium Amplicons-2**

Number of peaks found: 5 Corr. Area 1: 1,342.7
 Noise: 0.2

Peak table for sample 2 : F2 Nakatsu Titanium Amplicons-2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	90	5.31	89.1	
3	651	577.05	1,343.3	
4	926	29.99	49.1	
5	10,380	75.00	10.9	Upper Marker
6	13,719	0.00	0.0	
7	16,321	0.00	0.0	

Region table for sample 2 : F2 Nakatsu Titanium Amplicons-2

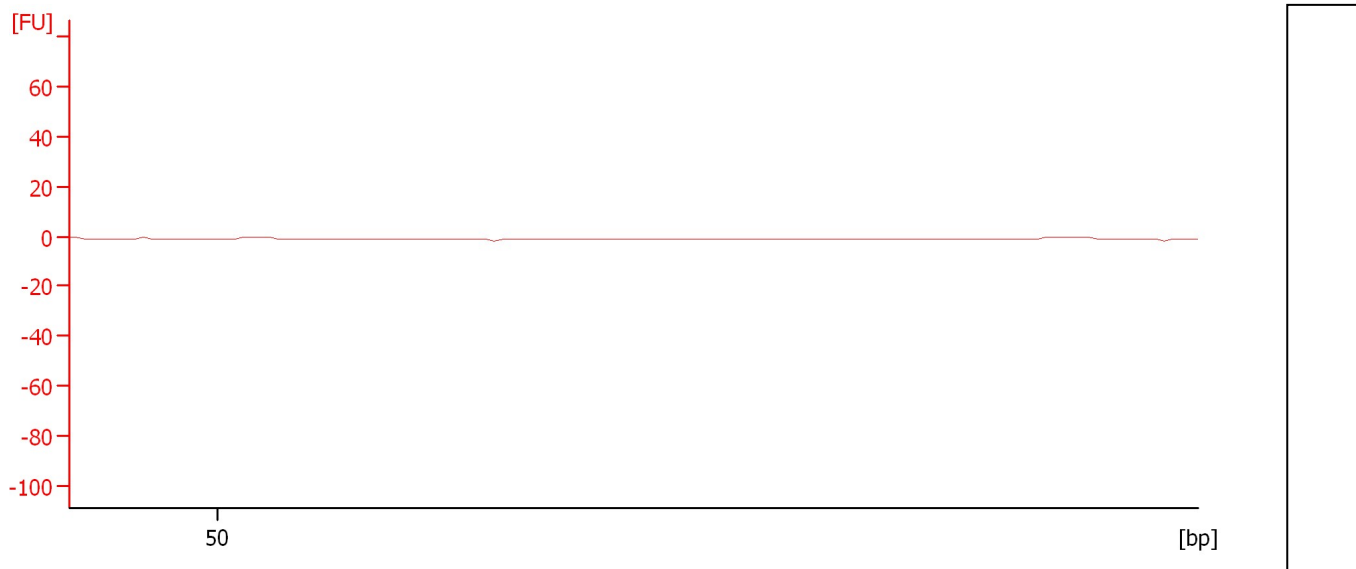
From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	1,342.7	92	661	9.2	598.37	1,381.7	Blue

Assay Class: High Sensitivity DNA Assay
Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-06-06_11-38-41.xad

Created: 6/6/2011 11:38:41 AM
Modified: 6/6/2011 12:50:38 PM

Electropherogram Summary Continued ...

F3 Nakatsu Titanium Amplicons-2 [887-13]

**Overall Results for sample 3 : F3 Nakatsu Titanium Amplicons-2**

Number of peaks found: 2 Corr. Area 1: 3,949.8
Noise: 0.3

Peak table for sample 3 : F3 Nakatsu Titanium Amplicons-2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	648	1,773.21	4,149.0	
3	10,380	75.00	10.9	Upper Marker
4	22,742	0.00	0.0	

Region table for sample 3 : F3 Nakatsu Titanium Amplicons-2

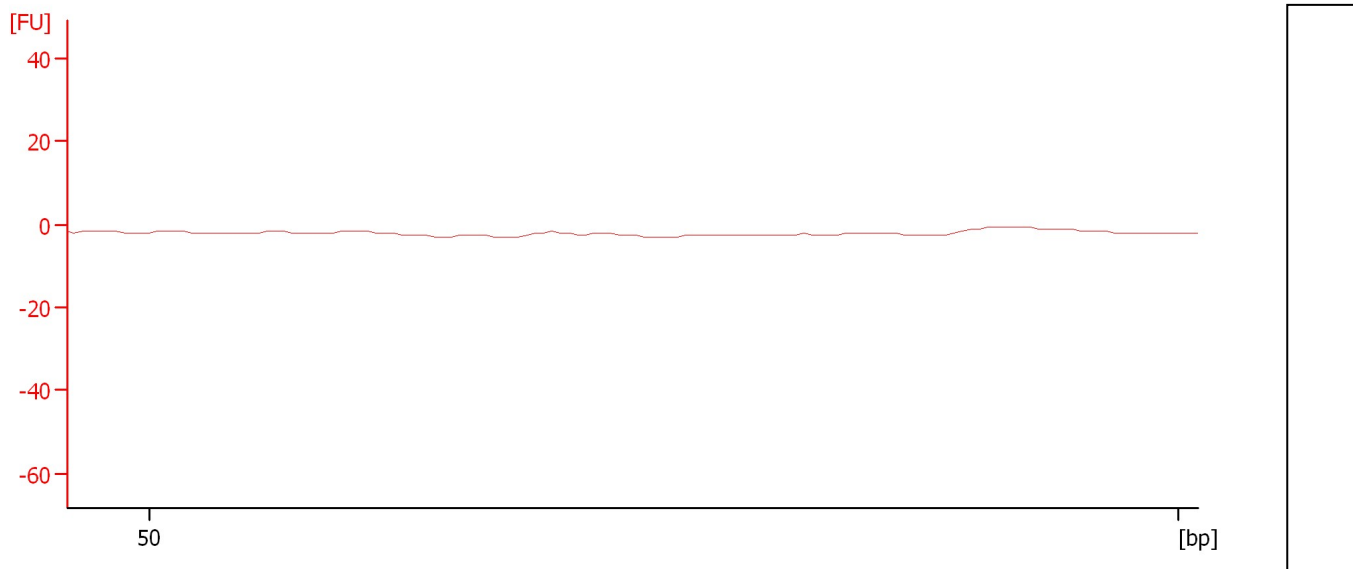
From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	3,949.8	82	668	10.1	1,882.99	4,307.1	Blue

Assay Class: High Sensitivity DNA Assay
Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-06-06_11-38-41.xad

Created: 6/6/2011 11:38:41 AM
Modified: 6/6/2011 12:50:38 PM

Electropherogram Summary Continued ...

F11 Nakatsu Titanium Amplicons-2 [893-12]

**Overall Results for sample 4 : F11 Nakatsu Titanium Amplicons-2**

Number of peaks found: 3 Corr. Area 1: 2,708.2
Noise: 0.5

Peak table for sample 4 : F11 Nakatsu Titanium Amplicons-2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	659	1,158.61	2,663.1	
3	8,008	4.82	0.9	
4	10,380	75.00	10.9	Upper Marker
5	12,483	0.00	0.0	

Region table for sample 4 : F11 Nakatsu Titanium Amplicons-2

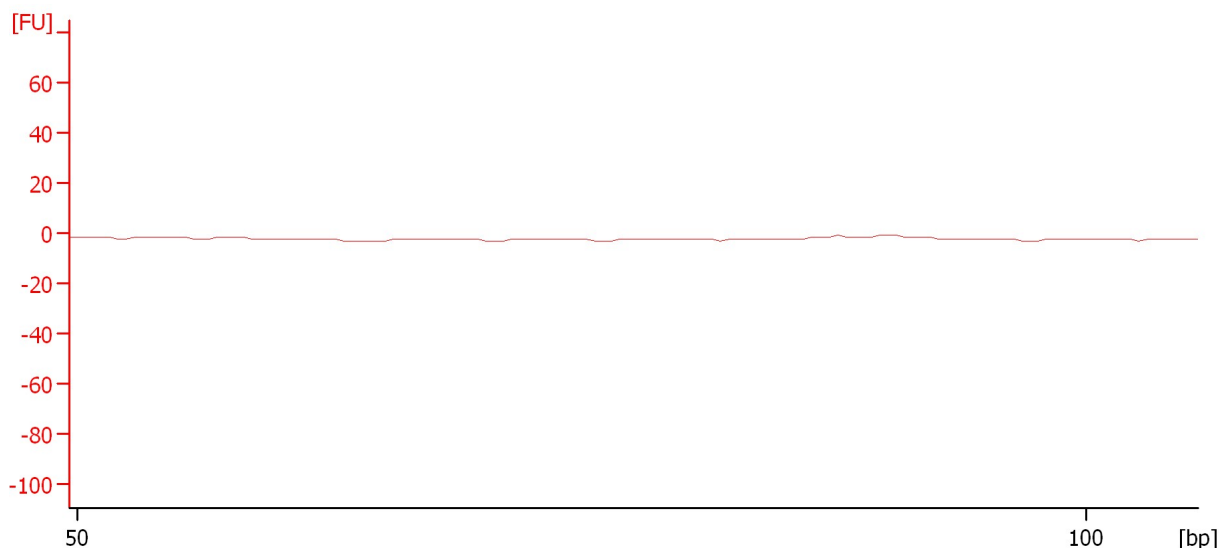
From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	2,708.2	81	689	12.0	1,301.54	2,894.3	Blue

Assay Class: High Sensitivity DNA Assay
Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-06-06_11-38-41.xad

Created: 6/6/2011 11:38:41 AM
Modified: 6/6/2011 12:50:38 PM

Electropherogram Summary Continued ...

F12 Nakatsu Titanium Amplicons-2 [893-22]

**Overall Results for sample 5 : F12 Nakatsu Titanium Amplicons-2**

Number of peaks found: 4 Corr. Area 1: 5,069.7
Noise: 0.7

Peak table for sample 5 : F12 Nakatsu Titanium Amplicons-2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	646	1,636.20	3,838.4	
3	945	76.67	122.9	
4	1,048	157.87	228.3	
5	1,336	294.04	333.6	Upper Marker
6	10,380	75.00	10.9	

Region table for sample 5 : F12 Nakatsu Titanium Amplicons-2

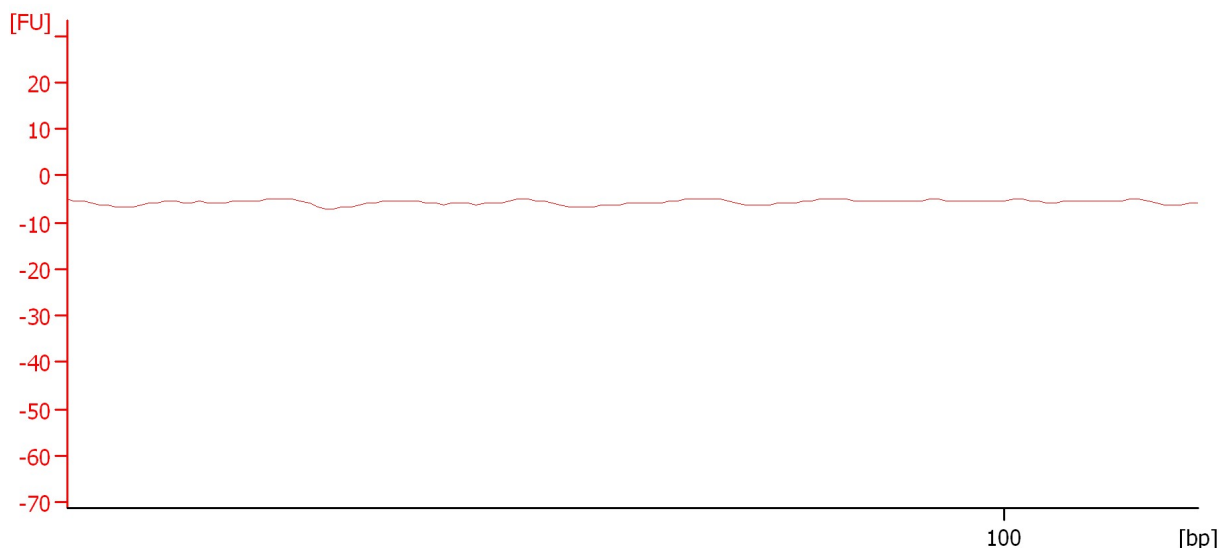
From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	5,069.7	74	691	13.2	1,800.84	4,005.1	Blue

Assay Class: High Sensitivity DNA Assay
Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-06-06_11-38-41.xad

Created: 6/6/2011 11:38:41 AM
Modified: 6/6/2011 12:50:38 PM

Electropherogram Summary Continued ...

F13 Nakatsu Titanium Amplicons-2 [981-1]

**Overall Results for sample 6 : F13 Nakatsu Titanium Amplicons-2**

Number of peaks found: 1 Corr. Area 1: 1,999.3
Noise: 0.7

Peak table for sample 6 : F13 Nakatsu Titanium Amplicons-2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	653	1,295.15	3,003.0	
3	10,380	75.00	10.9	Upper Marker

Region table for sample 6 : F13 Nakatsu Titanium Amplicons-2

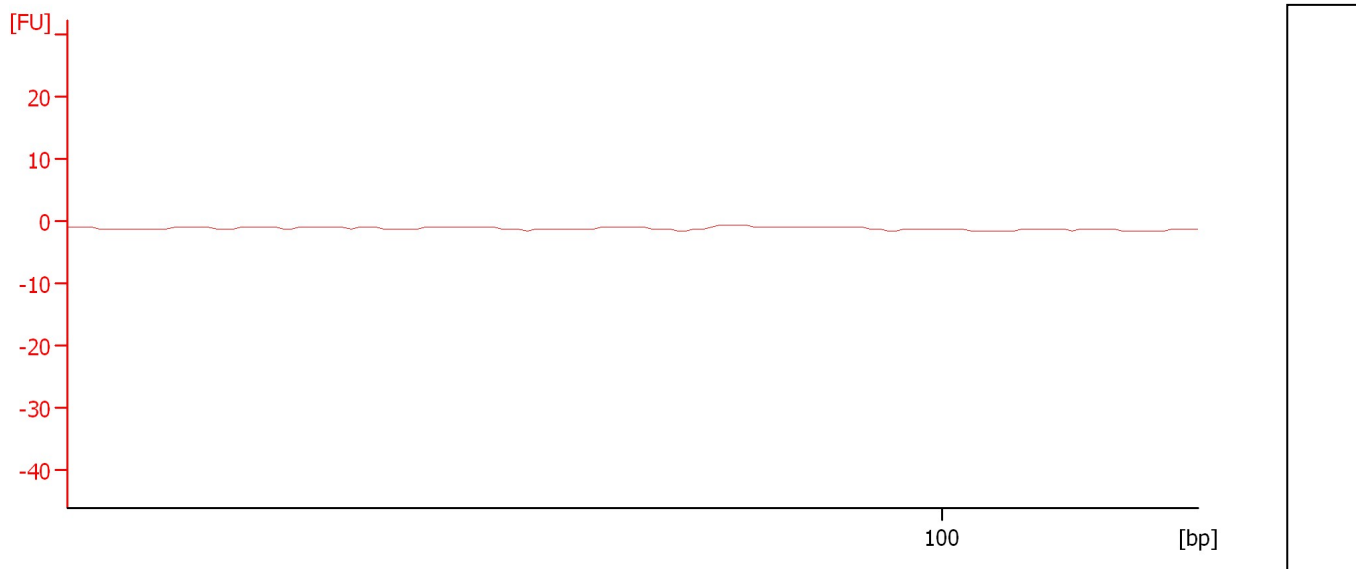
From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	1,999.3	96	658	5.8	1,304.40	3,011.5	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-06-06_11-38-41.xad

Created: 6/6/2011 11:38:41 AM
 Modified: 6/6/2011 12:50:38 PM

Electropherogram Summary Continued ...

F21 Nakatsu Titanium Amplicons-2 [985-0]

**Overall Results for sample 7 : F21 Nakatsu Titanium Amplicons-2**

Number of peaks found: 1 Corr. Area 1: 1,495.0
 Noise: 0.2

Peak table for sample 7 : F21 Nakatsu Titanium Amplicons-2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	643	790.80	1,863.8	
3	10,380	75.00	10.9	Upper Marker

Region table for sample 7 : F21 Nakatsu Titanium Amplicons-2

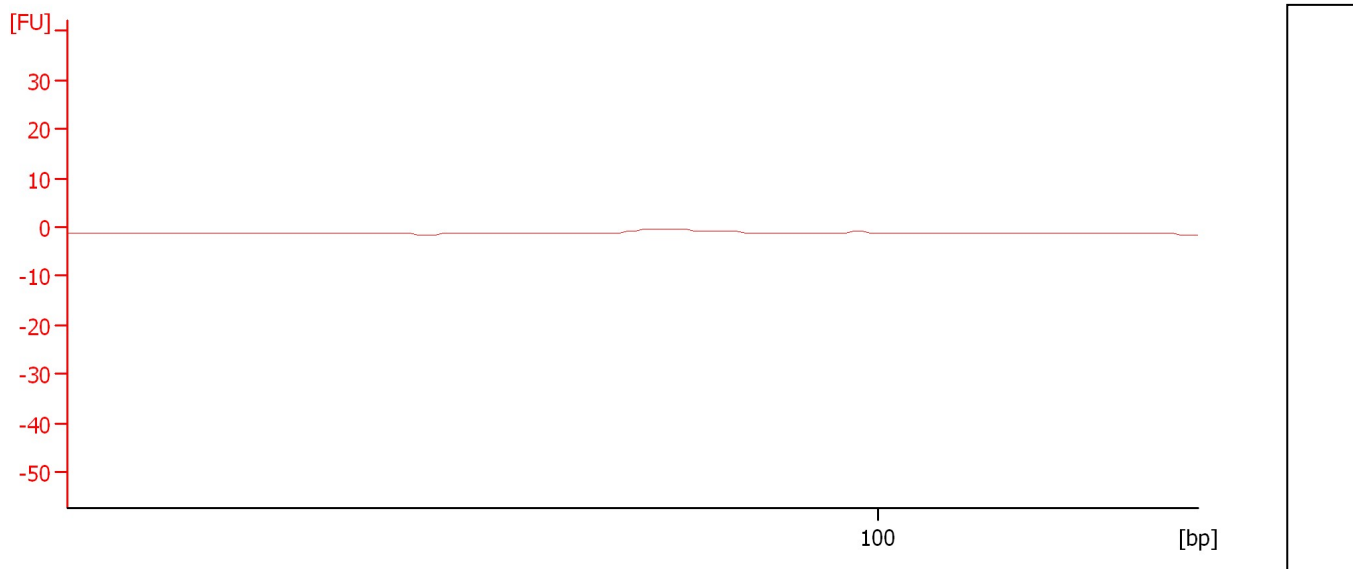
From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	1,495.0	91	648	6.0	800.28	1,876.9	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-06-06_11-38-41.xad

Created: 6/6/2011 11:38:41 AM
 Modified: 6/6/2011 12:50:38 PM

Electropherogram Summary Continued ...

F22 Nakatsu Titanium Amplicons-2 [985-11]

**Overall Results for sample 8 : F22 Nakatsu Titanium Amplicons-2**

Number of peaks found: 1 Corr. Area 1: 2,295.5
 Noise: 0.3

Peak table for sample 8 : F22 Nakatsu Titanium Amplicons-2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	644	1,081.16	2,545.4	
3	10,380	75.00	10.9	Upper Marker

Region table for sample 8 : F22 Nakatsu Titanium Amplicons-2

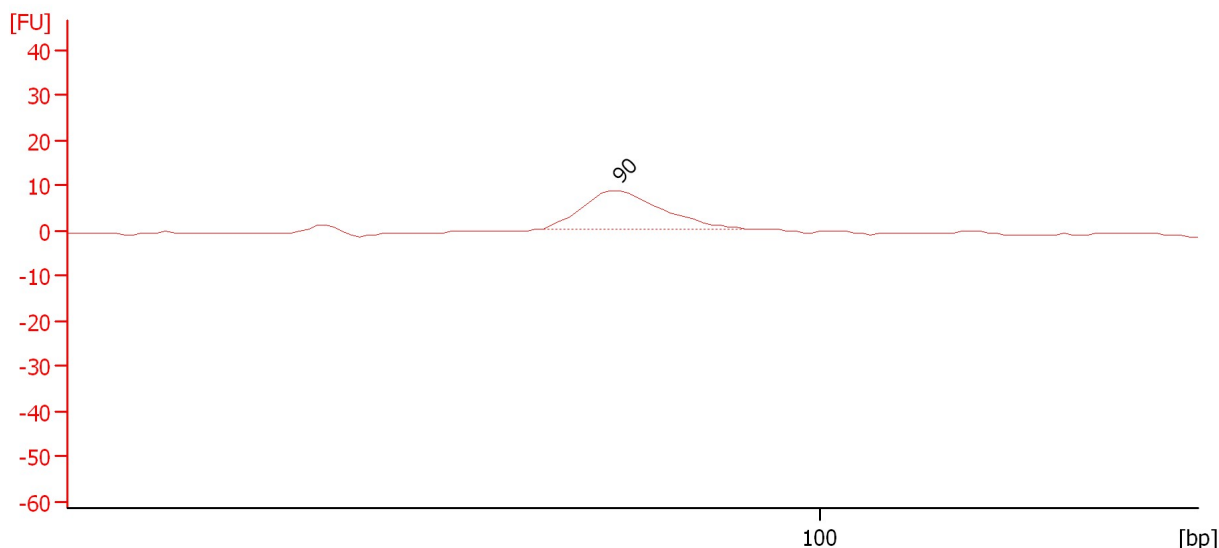
From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	2,295.5	92	645	6.0	1,079.95	2,541.9	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-06-06_11-38-41.xad

Created: 6/6/2011 11:38:41 AM
 Modified: 6/6/2011 12:50:38 PM

Electropherogram Summary Continued ...

F23 Nakatsu Titanium Amplicons-2 [985-12]

**Overall Results for sample 9 : F23 Nakatsu Titanium Amplicons-2**

Number of peaks found: 4 Corr. Area 1: 2,179.5
 Noise: 0.4

Peak table for sample 9 : F23 Nakatsu Titanium Amplicons-2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	90	5.60	94.7	
3	646	808.42	1,896.5	
4	894	17.84	30.2	
5	944	26.87	43.1	
6	10,380	75.00	10.9	Upper Marker

Region table for sample 9 : F23 Nakatsu Titanium Amplicons-2

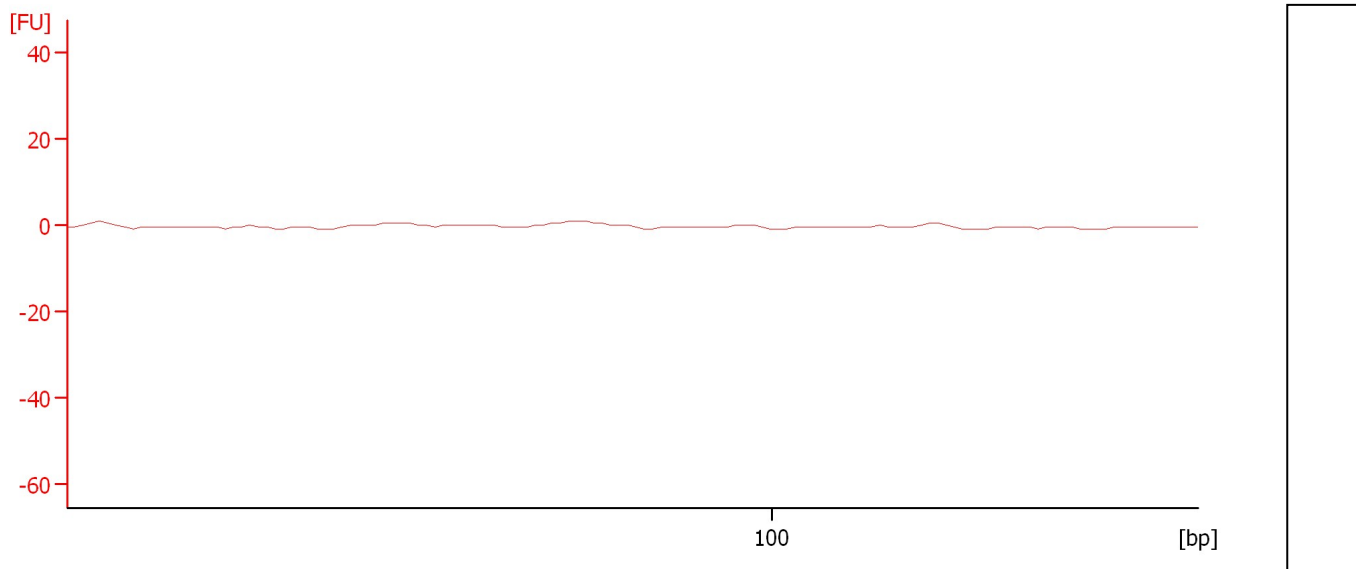
From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	2,179.5	79	664	10.2	840.68	1,932.6	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-06-06_11-38-41.xad

Created: 6/6/2011 11:38:41 AM
 Modified: 6/6/2011 12:50:38 PM

Electropherogram Summary Continued ...

F31 Nakatsu Titanium Amplicons-2 [987-14]

**Overall Results for sample 10 : F31 Nakatsu Titanium Amplicons-2**

Number of peaks found: 3 Corr. Area 1: 2,609.0
 Noise: 0.6

Peak table for sample 10 : F31 Nakatsu Titanium Amplicons-2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	646	1,261.13	2,957.9	
3	955	33.69	53.4	
4	1,311	156.85	181.3	
5	10,380	75.00	10.9	Upper Marker

Region table for sample 10 : F31 Nakatsu Titanium Amplicons-2

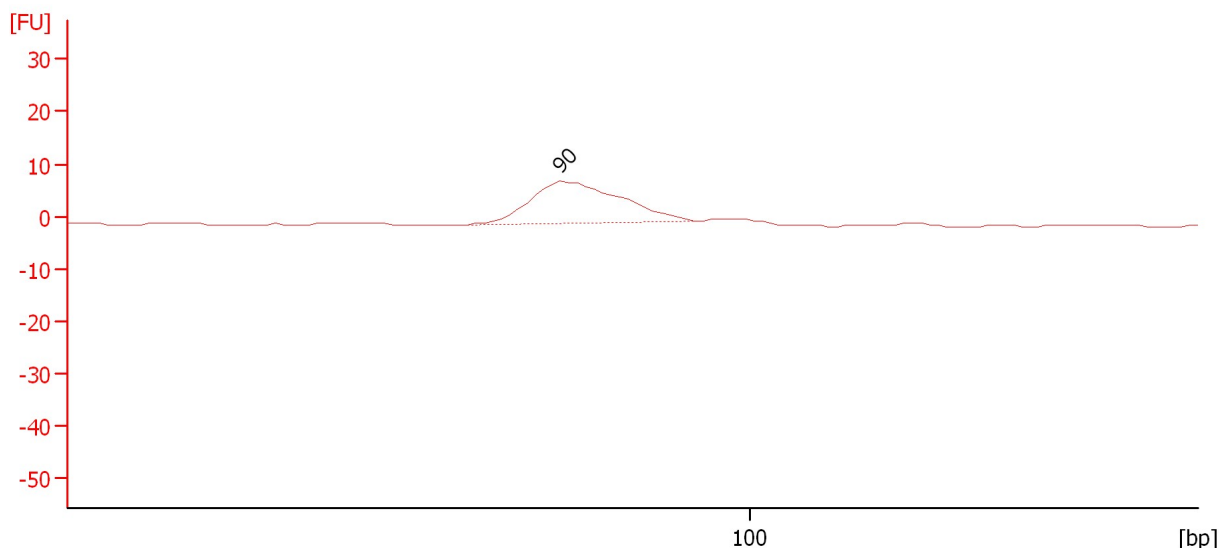
From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	2,609.0	75	674	11.0	1,298.47	2,946.8	Blue

Assay Class: High Sensitivity DNA Assay
Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-06-06_11-38-41.xad

Created: 6/6/2011 11:38:41 AM
Modified: 6/6/2011 12:50:38 PM

Electropherogram Summary Continued ...

F32 Nakatsu Titanium Amplicons-2 [987-28]

**Overall Results for sample 11 : F32 Nakatsu Titanium Amplicons-2**

Number of peaks found: 4 Corr. Area 1: 2,004.2
Noise: 0.5

Peak table for sample 11 : F32 Nakatsu Titanium Amplicons-2

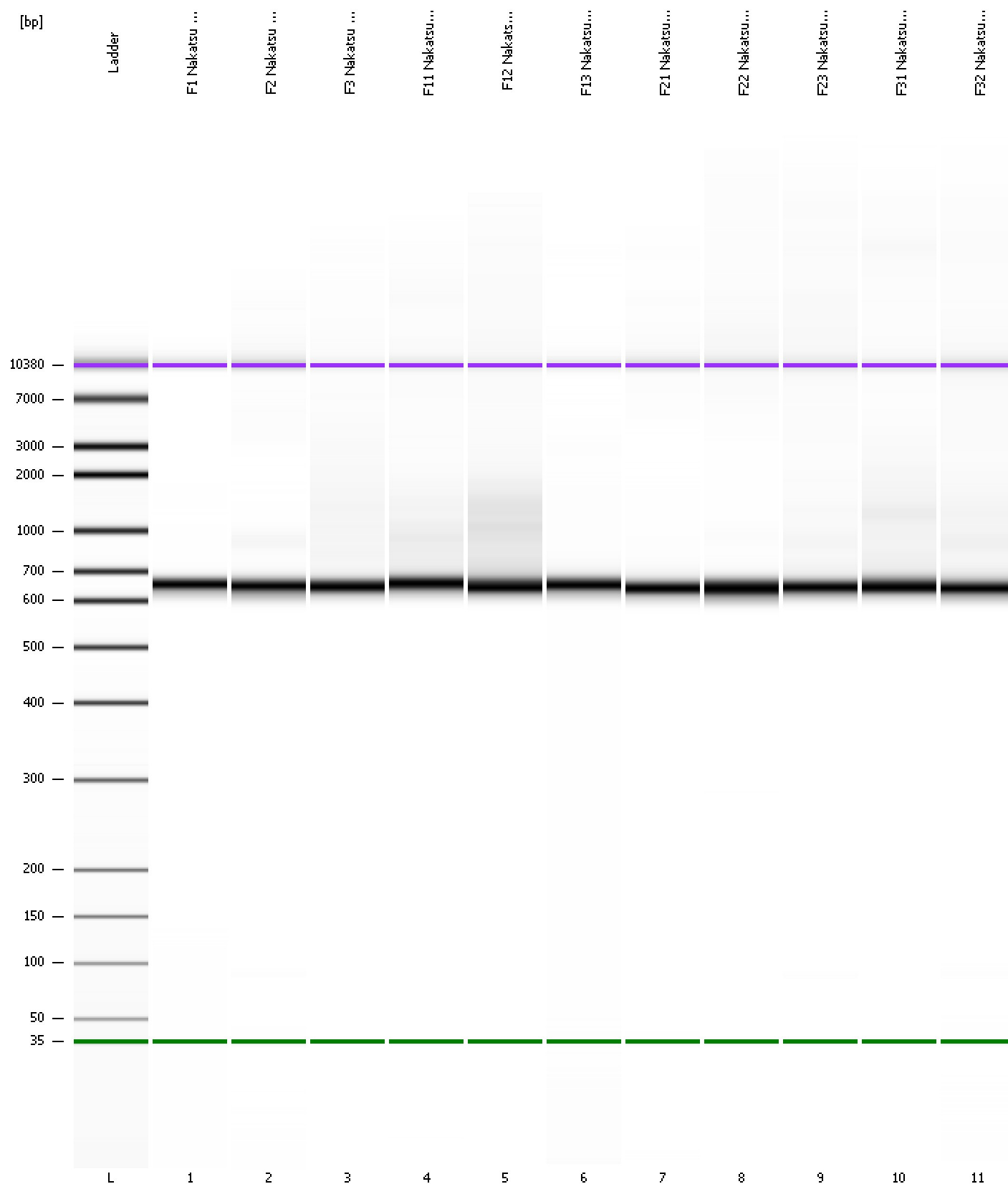
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	90	6.07	102.3	
3	642	709.06	1,673.1	
4	903	73.83	123.9	
5	1,286	52.49	61.9	
6	10,380	75.00	10.9	Upper Marker

Region table for sample 11 : F32 Nakatsu Titanium Amplicons-2

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	2,004.2	77	668	11.7	760.49	1,744.1	Blue

Assay Class: High Sensitivity DNA Assay
Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-06-06_11-38-41.xad

Created: 6/6/2011 11:38:41 AM
Modified: 6/6/2011 12:50:38 PM

Gel Image

Assay Class: High Sensitivity DNA Assay
Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-06-06_11-38-41.xad

Created: 6/6/2011 11:38:41 AM
Modified: 6/6/2011 12:50:38 PM

Curves

Standard Curve

