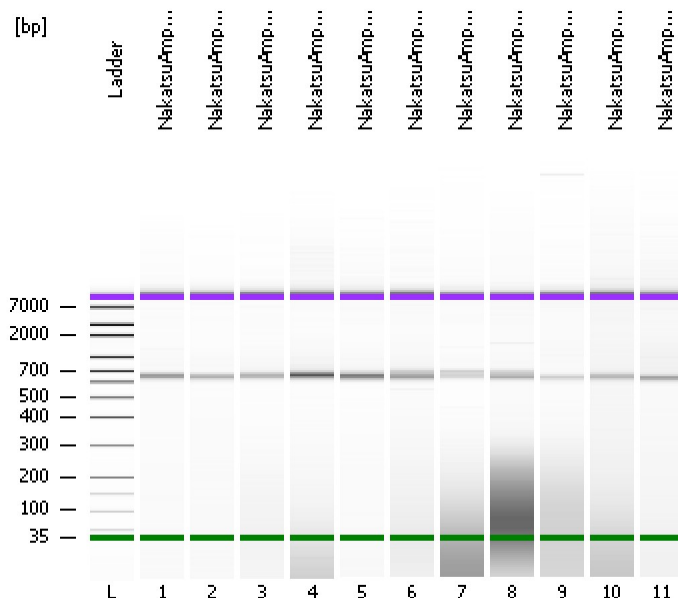


Assay Class: High Sensitivity DNA Assay
Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-09-02_11-39-21.xad

Created: 9/2/2011 11:39:20 AM
Modified: 9/2/2011 12:28:58 PM

Electrophoresis File Run Summary



Instrument Information:

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

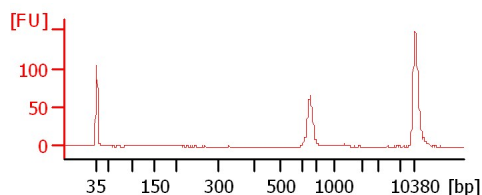
Assay Information:

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

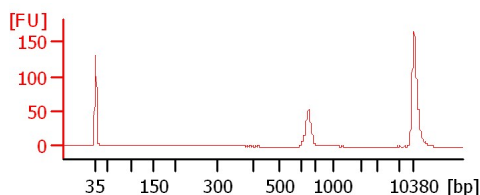
Chip Information:

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

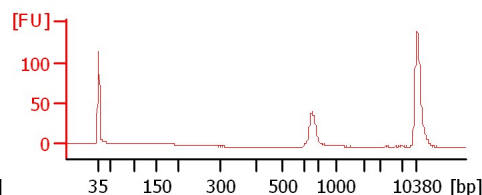
NakatsuAmplicons3 880-0



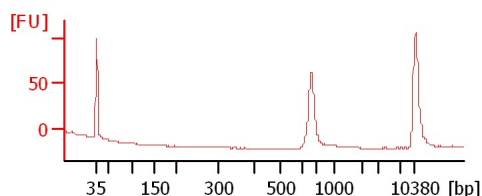
NakatsuAmplicons3 880-12



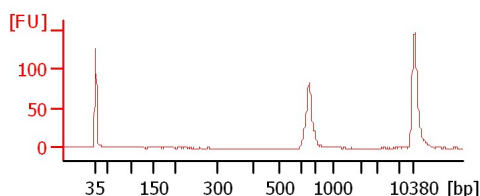
NakatsuAmplicons3 880-13



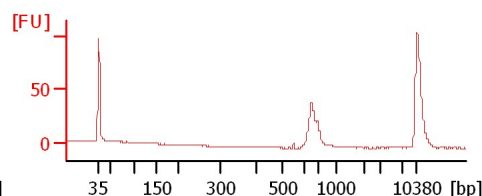
NakatsuAmplicons3 880-24



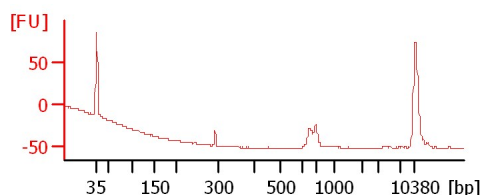
NakatsuAmplicons3 884-0



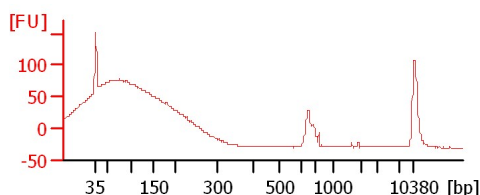
NakatsuAmplicons3 884-11



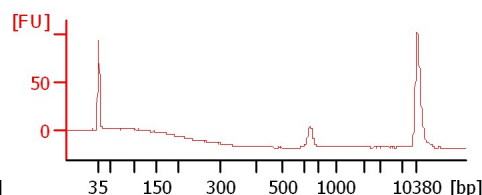
NakatsuAmplicons3 884-12



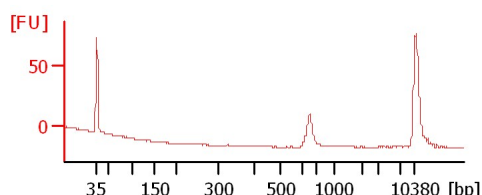
NakatsuAmplicons3 884-20



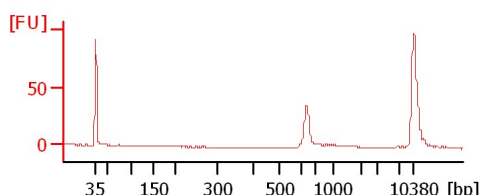
NakatsuAmplicons3 885-0



NakatsuAmplicons3 885-11



NakatsuAmplicons3 885-12



Assay Class: High Sensitivity DNA Assay
Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-09-02_11-39-21.xad

Created: 9/2/2011 11:39:20 AM
Modified: 9/2/2011 12:28:58 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
NakatsuAmplicons3 880-0		☐	✓			
NakatsuAmplicons3 880-12		☐	✓			
NakatsuAmplicons3 880-13		☐	✓			
NakatsuAmplicons3 880-24		☐	✓			
NakatsuAmplicons3 884-0		☐	✓			
NakatsuAmplicons3 884-11		☐	✓			
NakatsuAmplicons3 884-12		☐	✓			
NakatsuAmplicons3 884-20		☐	✓			
NakatsuAmplicons3 885-0		☐	✓			
NakatsuAmplicons3 885-11		☐	✓			
NakatsuAmplicons3 885-12		☐	✓			
Ladder		☐	✓			

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

Assay Class: High Sensitivity DNA Assay
Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-09-02_11-39-21.xad

Created: 9/2/2011 11:39:20 AM
Modified: 9/2/2011 12:28:58 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

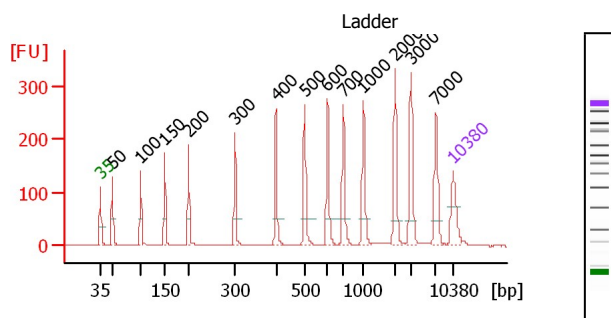
Ladder

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_2011-09-02_11-39-21.xad

Created: 9/2/2011 11:39:20 AM
 Modified: 9/2/2011 12:28:58 PM

Electropherogram Summary



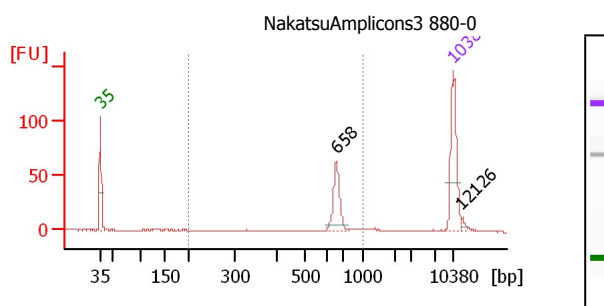
Overall Results for Ladder

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 : NakatsuAmplicons3 880-0

Number of peaks found: 2
 Noise: 0.2
 Corr. Area 1: 134.2

Region table for sample 1 : NakatsuAmplicons3 880-0

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	134.2	65	645	17.8	77.52	199.5	Blue

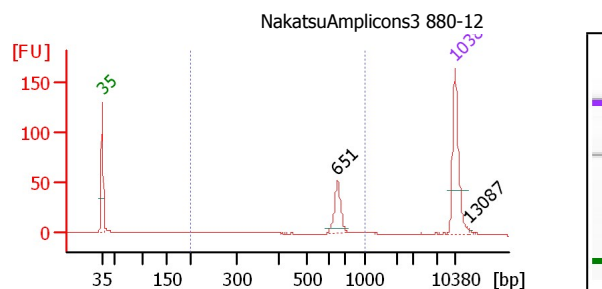
Assay Class: High Sensitivity DNA Assay
 Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-09-02_11-39-21.xad

Created: 9/2/2011 11:39:20 AM
 Modified: 9/2/2011 12:28:58 PM

Electropherogram Summary Continued ...

Peak table for sample 1 : NakatsuAmplicons3 880-0

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	658	59.68	137.5	Upper Marker
3	10,380	75.00	10.9	
4	12,126	0.00	0.0	



Overall Results for sample 2 : NakatsuAmplicons3 880-12

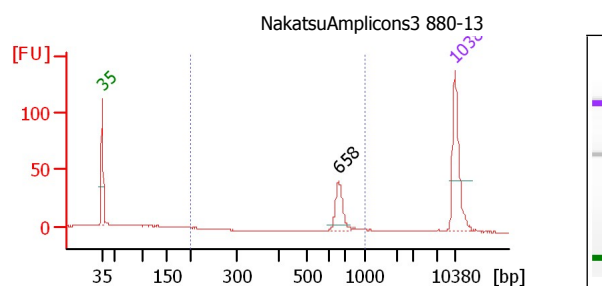
Number of peaks found: 2
 Noise: 0.2
 Corr. Area 1: 118.5

Region table for sample 2 : NakatsuAmplicons3 880-12

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	118.5	70	623	22.6	60.80	171.8	Blue

Peak table for sample 2 : NakatsuAmplicons3 880-12

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	651	42.40	98.7	Upper Marker
3	10,380	75.00	10.9	
4	13,087	0.00	0.0	



Overall Results for sample 3 : NakatsuAmplicons3 880-13

Number of peaks found: 1
 Noise: 0.3
 Corr. Area 1: 83.6

Region table for sample 3 : NakatsuAmplicons3 880-13

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	83.6	51	674	11.0	44.74	104.3	Blue

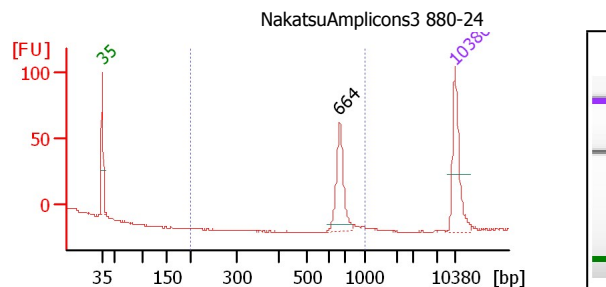
Assay Class: High Sensitivity DNA Assay
 Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-09-02_11-39-21.xad

Created: 9/2/2011 11:39:20 AM
 Modified: 9/2/2011 12:28:58 PM

Electropherogram Summary Continued ...

Peak table for sample 3 : NakatsuAmplicons3 880-13

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	658	43.43	100.0	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 4 : NakatsuAmplicons3 880-24

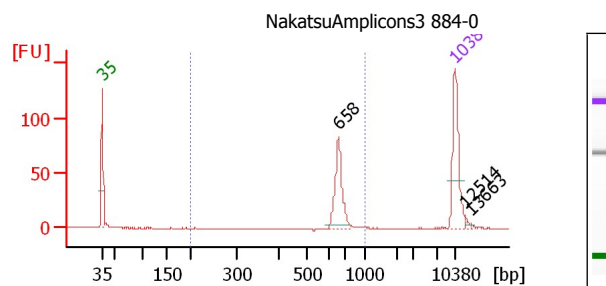
Number of peaks found: 1
 Noise: 0.3
 Corr. Area 1: 109.9

Region table for sample 4 : NakatsuAmplicons3 880-24

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	109.9	100	667	2.8	66.04	150.0	Blue

Peak table for sample 4 : NakatsuAmplicons3 880-24

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	664	89.61	204.4	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 5 : NakatsuAmplicons3 884-0

Number of peaks found: 3
 Noise: 0.3
 Corr. Area 1: 153.6

Region table for sample 5 : NakatsuAmplicons3 884-0

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	153.6	78	670	8.5	84.81	192.6	Blue

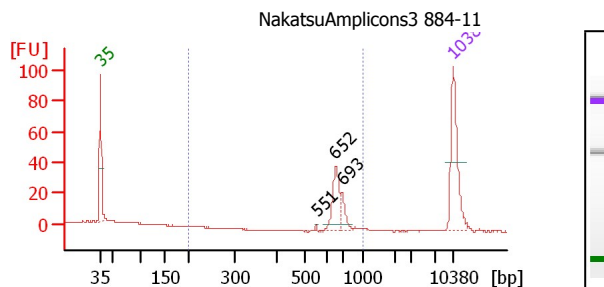
Assay Class: High Sensitivity DNA Assay
 Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-09-02_11-39-21.xad

Created: 9/2/2011 11:39:20 AM
 Modified: 9/2/2011 12:28:58 PM

Electropherogram Summary Continued ...

Peak table for sample 5 : NakatsuAmplicons3 884-0

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	658	82.79	190.6	
3	10,380	75.00	10.9	Upper Marker
4	12,514	0.00	0.0	
5	13,663	0.00	0.0	



Overall Results for sample 6 : NakatsuAmplicons3 884-11

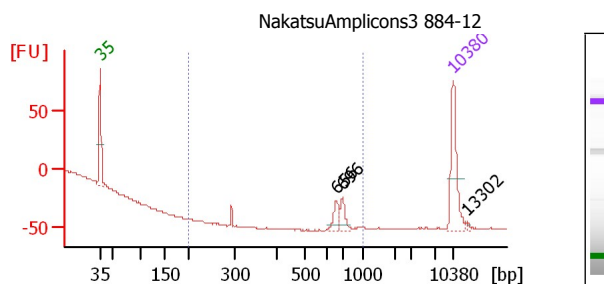
Number of peaks found: 3
 Noise: 0.3
 Corr. Area 1: 92.5

Region table for sample 6 : NakatsuAmplicons3 884-11

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	92.5	54	673	7.5	66.56	150.4	Blue

Peak table for sample 6 : NakatsuAmplicons3 884-11

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	551	1.45	4.0	
3	652	50.68	117.7	
4	693	20.64	45.1	
5	10,380	75.00	10.9	Upper Marker



Overall Results for sample 7 : NakatsuAmplicons3 884-12

Number of peaks found: 3
 Noise: 0.2
 Corr. Area 1: 0.6

Region table for sample 7 : NakatsuAmplicons3 884-12

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	0.6	84	695	0.4	0.40	0.9	Blue

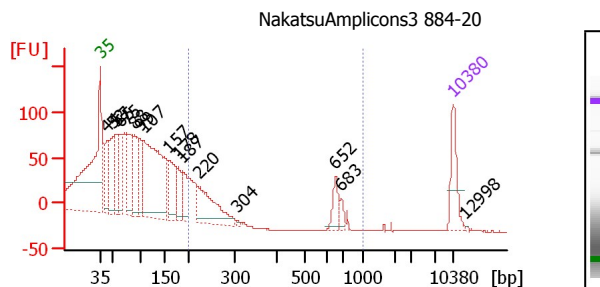
Assay Class: High Sensitivity DNA Assay
 Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-09-02_11-39-21.xad

Created: 9/2/2011 11:39:20 AM
 Modified: 9/2/2011 12:28:58 PM

Electropherogram Summary Continued ...

Peak table for sample 7 : NakatsuAmplicons3 884-12

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	656	21.86	50.5	
3	696	23.22	50.6	
4	10,380	75.00	10.9	Upper Marker
5	13,302	0.00	0.0	



Overall Results for sample 8 : NakatsuAmplicons3 884-20

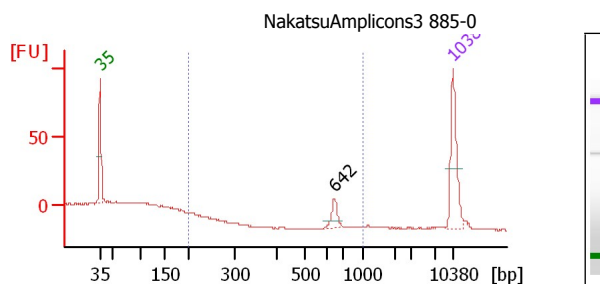
Number of peaks found: 16
 Noise: 0.2
 Corr. Area 1: 256.4

Region table for sample 8 : NakatsuAmplicons3 884-20

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	256.4	11	374	56.0	188.52	1,087.8	Blue

Peak table for sample 8 : NakatsuAmplicons3 884-20

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	44	115.40	3,990.5	
3	52	167.39	4,901.7	
4	57	128.17	3,390.1	
5	65	137.32	3,184.2	
6	75	235.83	4,737.8	
7	88	172.17	2,964.0	
8	99	106.41	1,635.4	
9	107	607.89	8,594.4	
10	157	166.97	1,609.4	
11	178	68.96	587.0	
12	187	87.37	708.3	
13	220	200.06	1,379.8	
14	304	4.34	21.6	
15	652	48.38	112.5	
16	683	22.16	49.2	
17	10,380	75.00	10.9	Upper Marker
18	12,998	0.00	0.0	



Overall Results for sample 9 : NakatsuAmplicons3 885-0

Number of peaks found: 1
 Noise: 0.3
 Corr. Area 1: 13.3

Region table for sample 9 : NakatsuAmplicons3 885-0

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	13.3	8	645	1.5	9.66	22.7	Blue

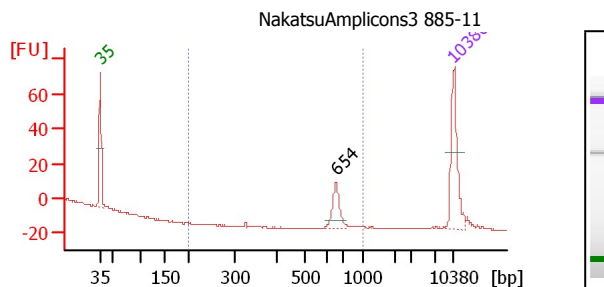
Assay Class: High Sensitivity DNA Assay
 Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-09-02_11-39-21.xad

Created: 9/2/2011 11:39:20 AM
 Modified: 9/2/2011 12:28:58 PM

Electropherogram Summary Continued ...

Peak table for sample 9 : NakatsuAmplicons3 885-0

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	642	22.26	52.5	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 10 : NakatsuAmplicons3 885-11

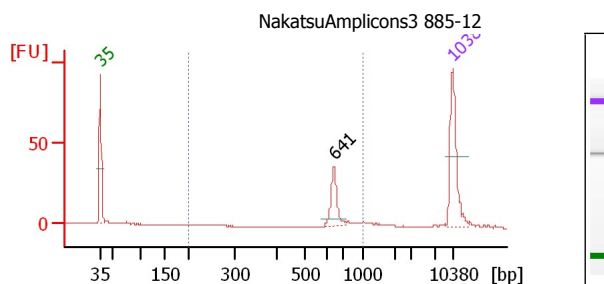
Number of peaks found: 1
 Noise: 0.2
 Corr. Area 1: 21.7

Region table for sample 10 : NakatsuAmplicons3 885-11

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	21.7	93	653	2.0	18.34	42.5	Blue

Peak table for sample 10 : NakatsuAmplicons3 885-11

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	654	39.28	91.0	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 11 : NakatsuAmplicons3 885-12

Number of peaks found: 1
 Noise: 0.2
 Corr. Area 1: 65.8

Region table for sample 11 : NakatsuAmplicons3 885-12

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	65.8	62	676	12.6	50.67	115.2	Blue

Peak table for sample 11 : NakatsuAmplicons3 885-12

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	641	42.98	101.5	
3	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-09-02_11-39-21.xad

Created: 9/2/2011 11:39:20 AM
Modified: 9/2/2011 12:28:58 PM

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