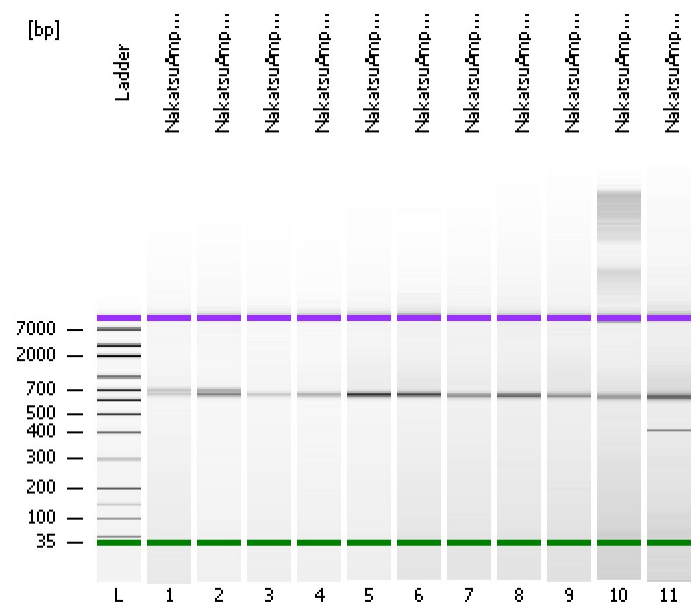


Assay Class: High Sensitivity DNA Assay
Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-09-02_15-36-13.xad

Created: 9/2/2011 3:36:12 PM
Modified: 9/2/2011 4:39:39 PM

Electrophoresis File Run SummaryInstrument Information:

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

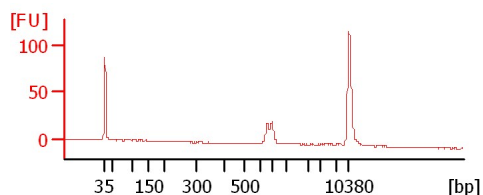
Assay Information:

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

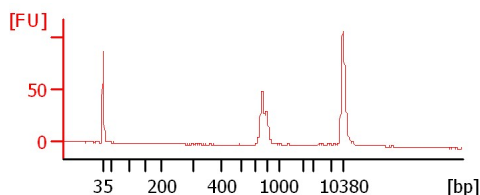
Chip Information:

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

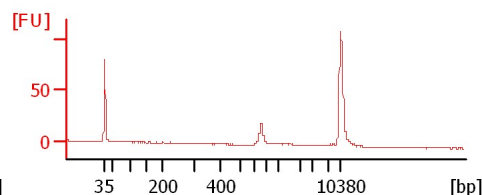
NakatsuAmplicons3 884-12



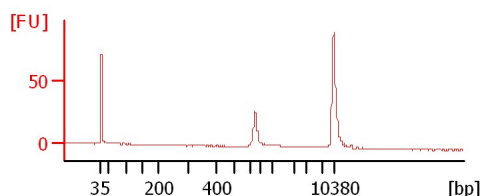
NakatsuAmplicons3 884-20



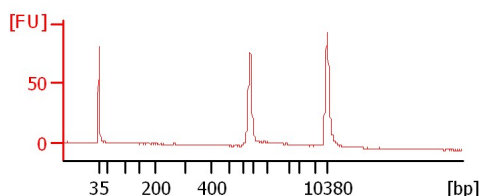
NakatsuAmplicons3 885-0



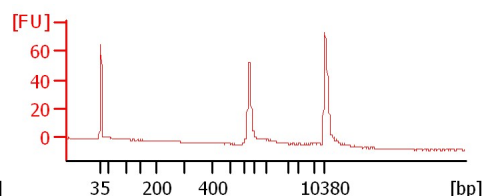
NakatsuAmplicons3 885-26



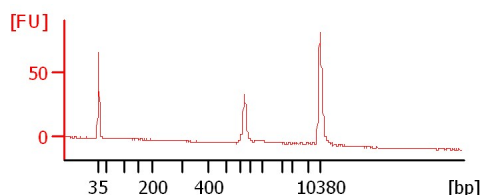
NakatsuAmplicons3 886-0



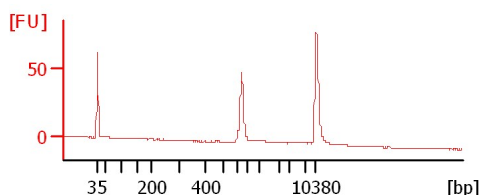
NakatsuAmplicons3 886-7



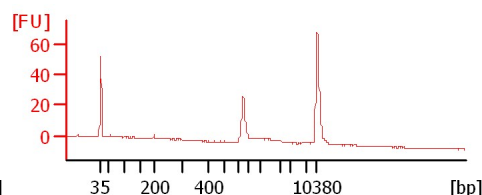
NakatsuAmplicons3 886-8



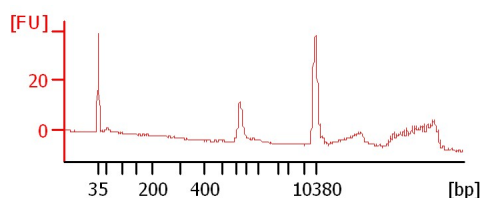
NakatsuAmplicons3 886-17



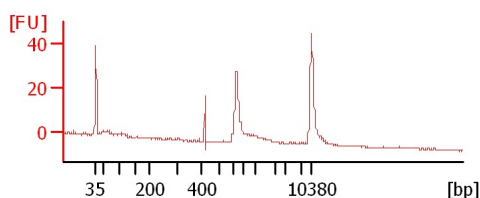
NakatsuAmplicons3 890-0



NakatsuAmplicons3 890-12



NakatsuAmplicons3 890-13



Assay Class: High Sensitivity DNA Assay
Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-09-02_15-36-13.xad

Created: 9/2/2011 3:36:12 PM
Modified: 9/2/2011 4:39:39 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
NakatsuAmplicons3 884-12		☐	✓			
NakatsuAmplicons3 884-20		☐	✓			
NakatsuAmplicons3 885-0		☐	✓			
NakatsuAmplicons3 885-26		☐	✓			
NakatsuAmplicons3 886-0		☐	✓			
NakatsuAmplicons3 886-7		☐	✓			
NakatsuAmplicons3 886-8		☐	✓			
NakatsuAmplicons3 886-17		☐	✓			
NakatsuAmplicons3 890-0		☐	✓			
NakatsuAmplicons3 890-12		☐	✓			
NakatsuAmplicons3 890-13		☐	✓			
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_15-36-13.xad

Created: 9/2/2011 3:36:12 PM
Modified: 9/2/2011 4:39:39 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

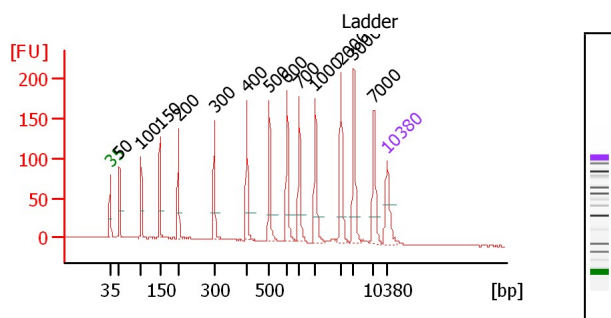
Ladder

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_2011-09-02_15-36-13.xad

Created: 9/2/2011 3:36:12 PM
 Modified: 9/2/2011 4:39:39 PM

Electropherogram Summary



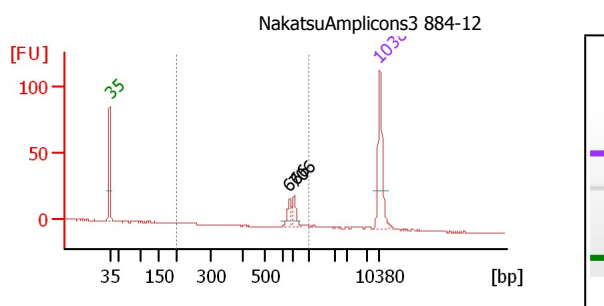
Overall Results for Ladder

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 : NakatsuAmplicons3 884-12

Number of peaks found: 2
 Noise: 0.3
 Corr. Area 1: 59.7

Region table for sample 1 : 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	59.7	70	699	12.0	43.47	98.0	Blue

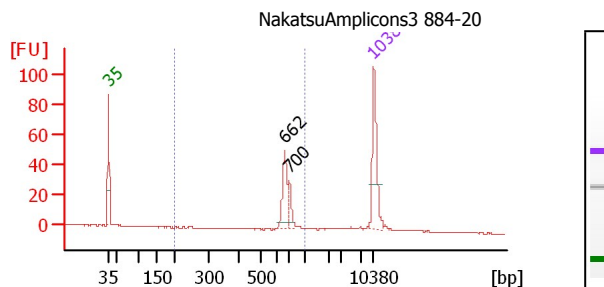
Assay Class: High Sensitivity DNA Assay
 Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-09-02_15-36-13.xad

Created: 9/2/2011 3:36:12 PM
 Modified: 9/2/2011 4:39:39 PM

Electropherogram Summary Continued ...

Peak table for sample 1 : NakatsuAmplicons3 884-12

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	666	19.79	45.1	
3	706	20.42	43.8	
4	10,380	75.00	10.9	Upper Marker



Overall Results for sample 2 : NakatsuAmplicons3 884-20

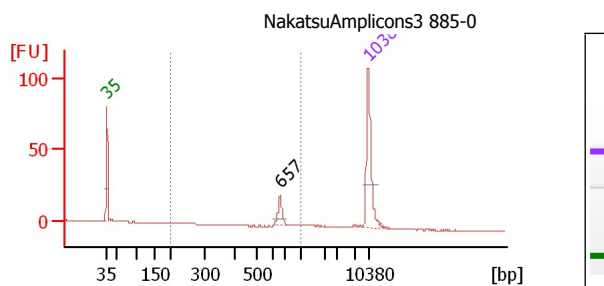
Number of peaks found: 2
 Noise: 0.3
 Corr. Area 1: 116.8

Region table for sample 2 : 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	116.8	68	683	10.0	90.59	205.0	Blue

Peak table for sample 2 : NakatsuAmplicons3 884-20

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	662	56.35	129.0	
3	700	27.93	60.5	
4	10,380	75.00	10.9	Upper Marker



Overall Results for sample 3 : NakatsuAmplicons3 885-0

Number of peaks found: 1
 Noise: 0.3
 Corr. Area 1: 37.2

Region table for sample 3 : 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	37.2	54	662	19.0	27.71	72.2	Blue

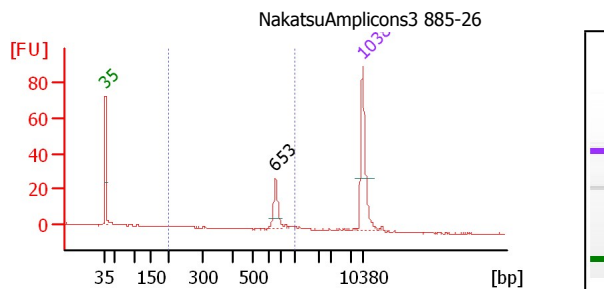
Assay Class: High Sensitivity DNA Assay
 Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-09-02_15-36-13.xad

Created: 9/2/2011 3:36:12 PM
 Modified: 9/2/2011 4:39:39 PM

Electropherogram Summary Continued ...

Peak table for sample 3 : NakatsuAmplicons3 885-0

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	657	21.77	50.2	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 4 : NakatsuAmplicons3 885-26

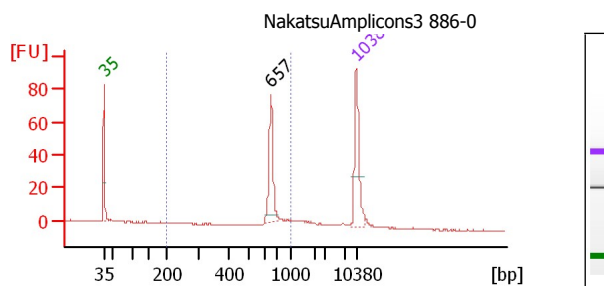
Number of peaks found: 1
 Noise: 0.3
 Corr. Area 1: 46.2

Region table for sample 4 : NakatsuAmplicons3 885-26

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	46.2	77	675	10.9	40.15	91.7	Blue

Peak table for sample 4 : NakatsuAmplicons3 885-26

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	653	35.24	81.7	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 5 : NakatsuAmplicons3 886-0

Number of peaks found: 1
 Noise: 0.3
 Corr. Area 1: 129.5

Region table for sample 5 : NakatsuAmplicons3 886-0

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	129.5	72	675	12.4	108.15	250.6	Blue

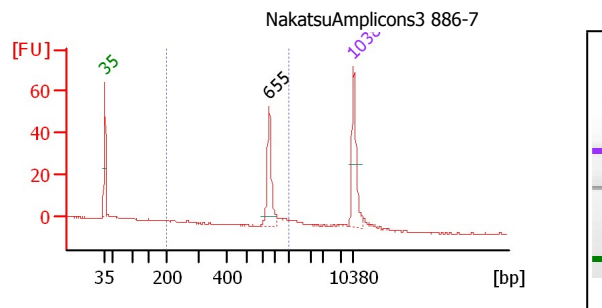
Assay Class: High Sensitivity DNA Assay
 Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-09-02_15-36-13.xad

Created: 9/2/2011 3:36:12 PM
 Modified: 9/2/2011 4:39:39 PM

Electropherogram Summary Continued ...

Peak table for sample 5 : NakatsuAmplicons3 886-0

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	657	89.83	207.2	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 6 : NakatsuAmplicons3 886-7

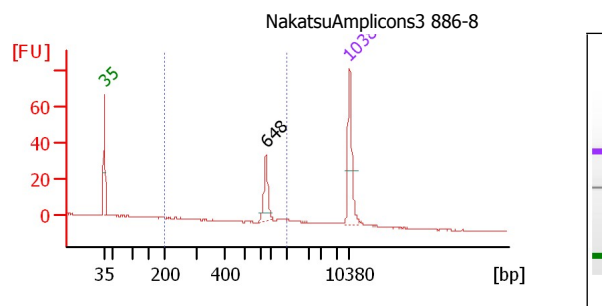
Number of peaks found: 1
 Noise: 0.3
 Corr. Area 1: 88.4

Region table for sample 6 : NakatsuAmplicons3 886-7

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	88.4	74	686	11.2	91.56	204.4	Blue

Peak table for sample 6 : NakatsuAmplicons3 886-7

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	655	85.87	198.5	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 7 : NakatsuAmplicons3 886-8

Number of peaks found: 1
 Noise: 0.3
 Corr. Area 1: 58.3

Region table for sample 7 : NakatsuAmplicons3 886-8

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	58.3	76	670	12.2	56.71	130.8	Blue

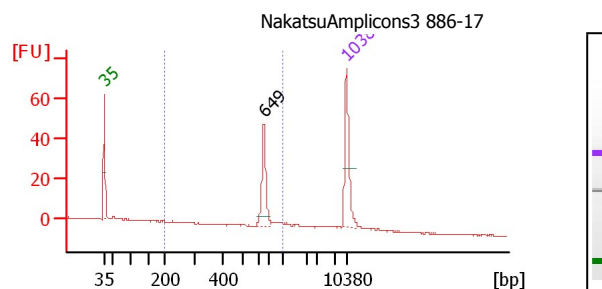
Assay Class: High Sensitivity DNA Assay
 Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-09-02_15-36-13.xad

Created: 9/2/2011 3:36:12 PM
 Modified: 9/2/2011 4:39:39 PM

Electropherogram Summary Continued ...

Peak table for sample 7 : NakatsuAmplicons3 886-8

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	648	49.57	115.9	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 8 : NakatsuAmplicons3 886-17

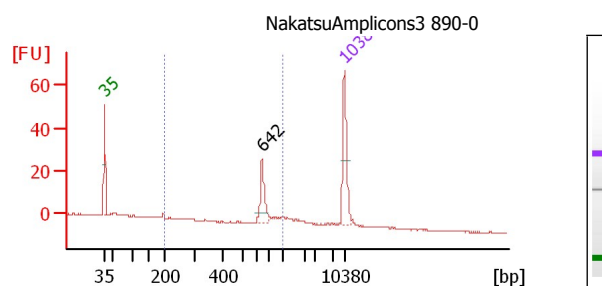
Number of peaks found: 1
 Noise: 0.2
 Corr. Area 1: 80.0

Region table for sample 8 : NakatsuAmplicons3 886-17

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	80.0	73	664	12.4	85.77	201.8	Blue

Peak table for sample 8 : NakatsuAmplicons3 886-17

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	649	76.36	178.4	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 9 : NakatsuAmplicons3 890-0

Number of peaks found: 1
 Noise: 0.3
 Corr. Area 1: 54.9

Region table for sample 9 : NakatsuAmplicons3 890-0

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	54.9	57	673	17.5	70.35	171.9	Blue

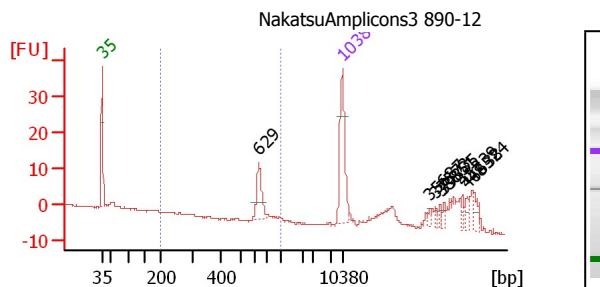
Assay Class: High Sensitivity DNA Assay
 Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-09-02_15-36-13.xad

Created: 9/2/2011 3:36:12 PM
 Modified: 9/2/2011 4:39:39 PM

Electropherogram Summary Continued ...

Peak table for sample 9 : NakatsuAmplicons3 890-0

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	642	57.25	135.0	Upper Marker
3	10,380	75.00	10.9	



Overall Results for sample 10 : NakatsuAmplicons3 890-12

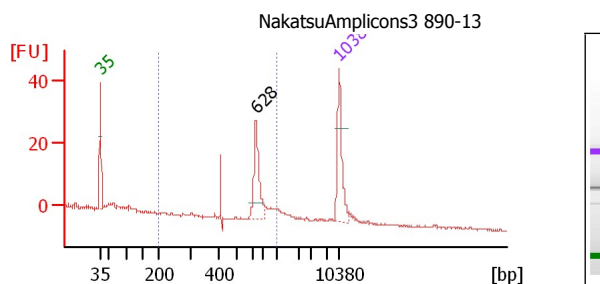
Number of peaks found: 8
 Noise: 0.2
 Corr. Area 1: 28.1

Region table for sample 10 : NakatsuAmplicons3 890-12

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	28.1	19	653	9.0	46.33	108.1	Blue

Peak table for sample 10 : NakatsuAmplicons3 890-12

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	629	46.03	110.8	Upper Marker
3	10,380	75.00	10.9	
4	35,687	0.00	0.0	
5	37,573	0.00	0.0	
6	38,851	0.00	0.0	
7	39,885	0.00	0.0	
8	45,239	0.00	0.0	
9	46,638	0.00	0.0	
10	48,524	0.00	0.0	



Overall Results for sample 11 : NakatsuAmplicons3 890-13

Number of peaks found: 1
 Noise: 0.3
 Corr. Area 1: 74.4

Region table for sample 11 : NakatsuAmplicons3 890-13

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	74.4	56	660	17.7	119.77	287.9	Blue

Peak table for sample 11 : NakatsuAmplicons3 890-13

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	628	93.57	225.6	Upper Marker
3	10,380	75.00	10.9	

Assay Class: High Sensitivity DNA Assay
Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2011-09-02_15-36-13.xad

Created: 9/2/2011 3:36:12 PM
Modified: 9/2/2011 4:39:39 PM

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