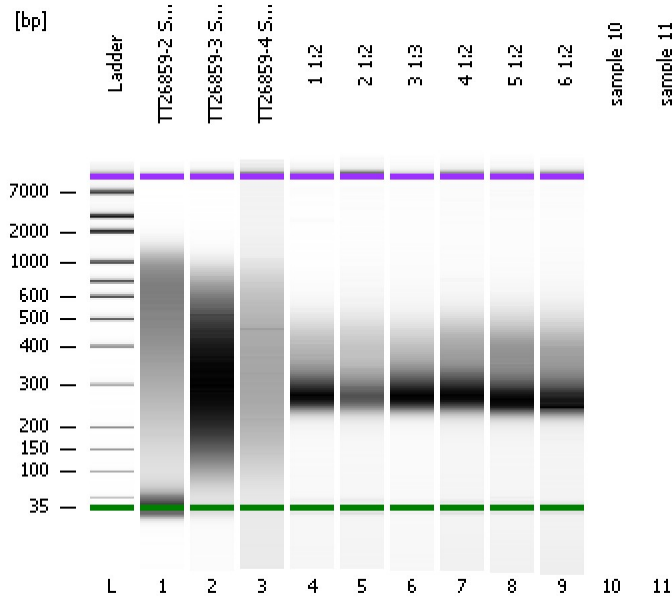


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-24\2014-03-24_004.xad

Created: 3/24/2014 12:29:20 PM
Modified: 3/24/2014 1:14:05 PM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

Assay Information:

Assay Origin Path: C:\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

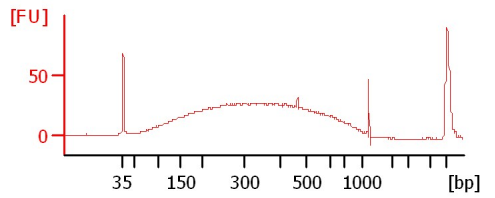
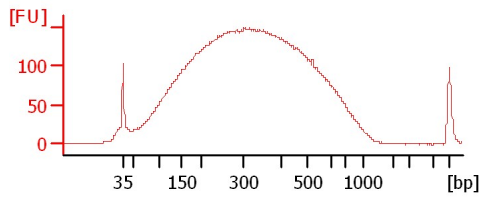
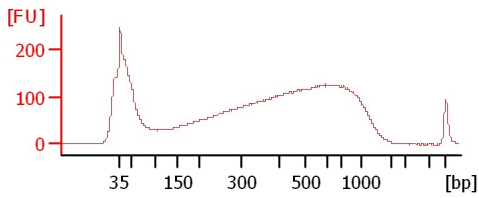
Chip Information:

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

TT26859-2 Soni 1:4 8cyc

TT26859-3 Soni 1:4 8cyc

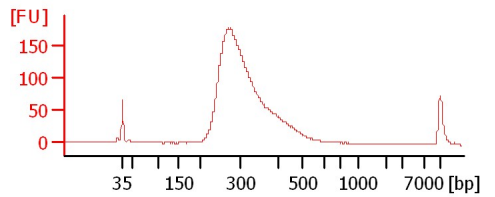
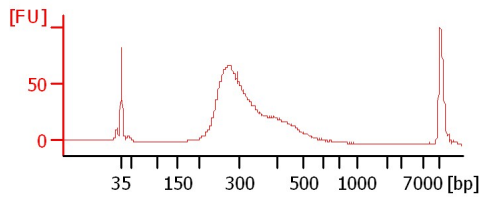
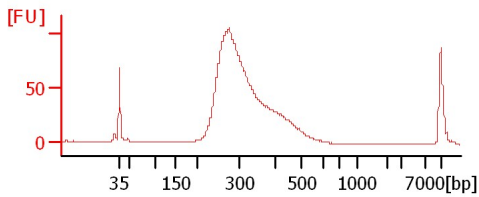
TT26859-4 Soni 1:4 8cyc



1 1:2

2 1:2

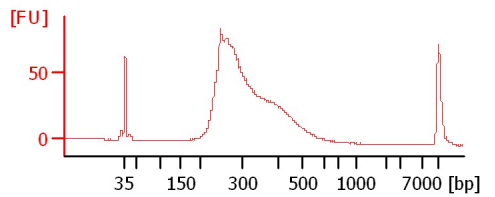
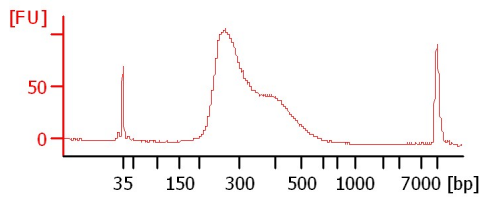
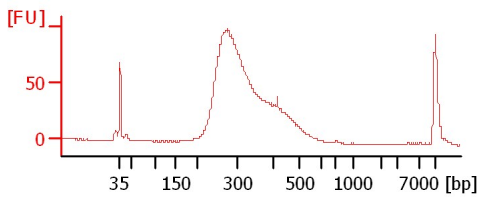
3 1:3



4 1:2

5 1:2

6 1:2



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-24\2014-03-24_004.xad

Created: 3/24/2014 12:29:20 PM
 Modified: 3/24/2014 1:14:05 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
TT26859-2 Soni 1:4 8cyc		<input type="checkbox"/>	✓			
TT26859-3 Soni 1:4 8cyc		<input type="checkbox"/>	✓			
TT26859-4 Soni 1:4 8cyc		<input type="checkbox"/>	✓			
1 1:2		<input type="checkbox"/>	✓			
2 1:2		<input type="checkbox"/>	✓			
3 1:3		<input type="checkbox"/>	✓			
4 1:2		<input type="checkbox"/>	✓			
5 1:2		<input type="checkbox"/>	✓			
6 1:2		<input type="checkbox"/>	✓			
sample 10		<input type="checkbox"/>				
sample 11		<input type="checkbox"/>				
Ladder		<input type="checkbox"/>	✓			

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-24\2014-03-24_004.xad

Created: 3/24/2014 12:29:20 PM
 Modified: 3/24/2014 1:14:05 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

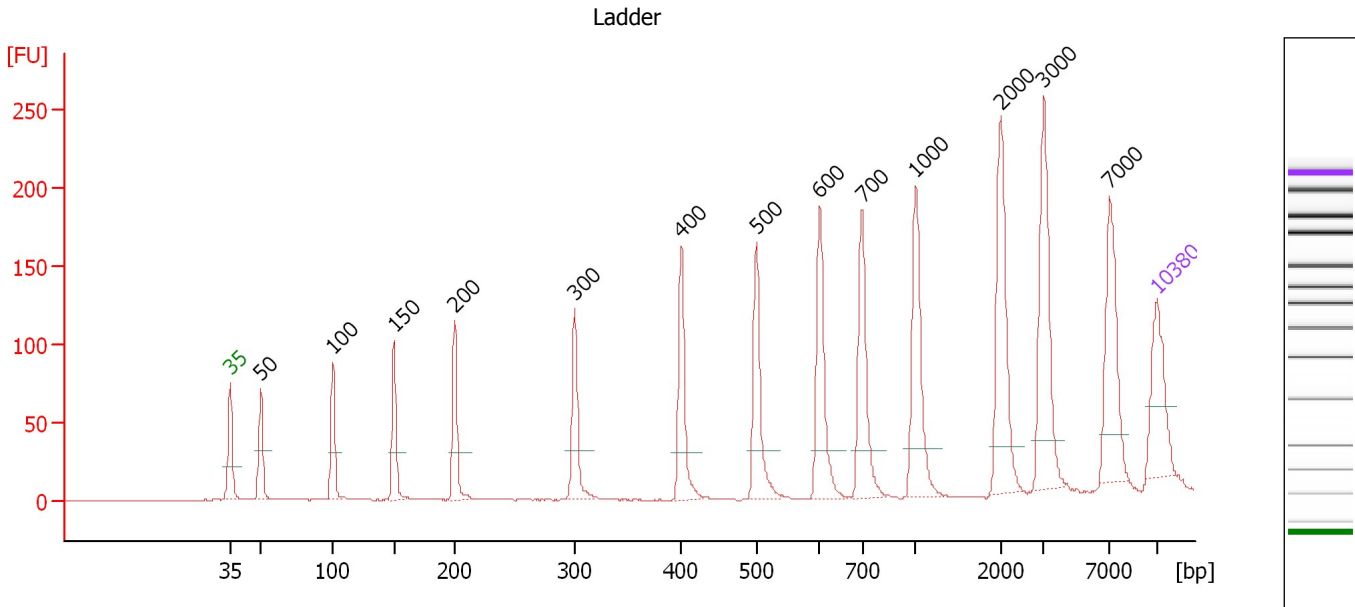
Ladder

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: C:\...ents and Settings\Bioanalyzer\2014-03-24\2014-03-24_004.xad

Created: 3/24/2014 12:29:20 PM
 Modified: 3/24/2014 1:14:05 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.2

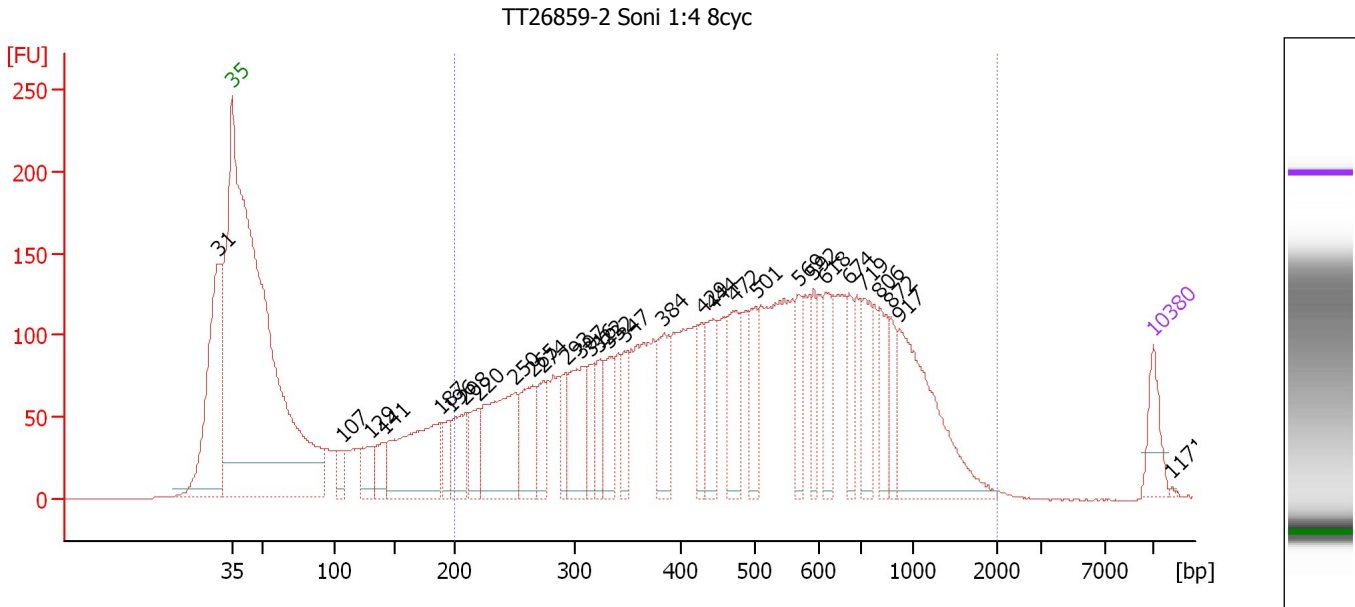
Peak table for Ladder

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	45.30	50	150.00	4,545.5	Ladder Peak
3	50.77	100	150.00	2,272.7	Ladder Peak
4	55.36	150	150.00	1,515.2	Ladder Peak
5	59.96	200	150.00	1,136.4	Ladder Peak
6	69.02	300	150.00	757.6	Ladder Peak
7	77.07	400	150.00	568.2	Ladder Peak
8	82.75	500	150.00	454.5	Ladder Peak
9	87.55	600	150.00	378.8	Ladder Peak
10	90.73	700	150.00	324.7	Ladder Peak
11	94.80	1,000	150.00	227.3	Ladder Peak
12	101.20	2,000	150.00	113.6	Ladder Peak
13	104.46	3,000	150.00	75.8	Ladder Peak
14	109.42	7,000	150.00	32.5	Ladder Peak
15	113.00	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-24\2014-03-24_004.xad

Created: 3/24/2014 12:29:20 PM
 Modified: 3/24/2014 1:14:05 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : TT26859-2 Soni 1:4 8cyc

Number of peaks found: 31 Corr. Area 1: 4,721.3
 Noise: 0.2

Peak table for sample 1 : TT26859-2 Soni 1:4 8cyc


Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	41.95	31	0.00	0.0	
2	43.00	35	125.00	5,411.3	Lower Marker
3	51.39	107	57.64	818.4	
4	53.46	129	115.15	1,350.1	
5	54.51	141	100.06	1,077.5	
6	58.77	187	479.28	3,882.2	
7	59.58	196	80.53	622.9	
8	60.71	208	165.34	1,202.4	
9	61.73	220	131.99	911.0	
10	64.52	250	419.68	2,539.5	
11	65.82	265	216.06	1,236.7	
12	66.63	274	110.99	614.5	
13	68.37	293	94.23	487.5	
14	69.55	307	235.64	1,164.6	
15	70.28	316	102.74	493.2	
16	70.81	322	117.37	552.0	
17	71.62	332	151.77	692.1	
18	72.83	347	90.15	393.3	
19	75.79	384	189.96	749.4	
20	78.71	429	100.31	354.4	
21	79.56	444	144.16	492.2	
22	81.18	472	176.42	565.9	
23	82.80	501	132.14	399.6	
24	86.05	569	112.70	300.3	
25	87.18	592	89.26	228.3	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-24\2014-03-24_004.xad

Created: 3/24/2014 12:29:20 PM
 Modified: 3/24/2014 1:14:05 PM

Electropherogram Summary Continued ...

... Peak table for sample 1 : TT26859-2 Soni 1:4 8cyc

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
26	88.11	618	122.47	300.3	
27	89.90	674	94.70	212.9	
28	90.99	719	143.66	302.5	
29	92.17	806	122.80	230.8	
30	93.06	872	74.11	128.8	
31	93.67	917	427.01	705.8	
32	 113.00	10,380	75.00	10.9	Upper Marker
33	114.42	11,718	0.00	0.0	

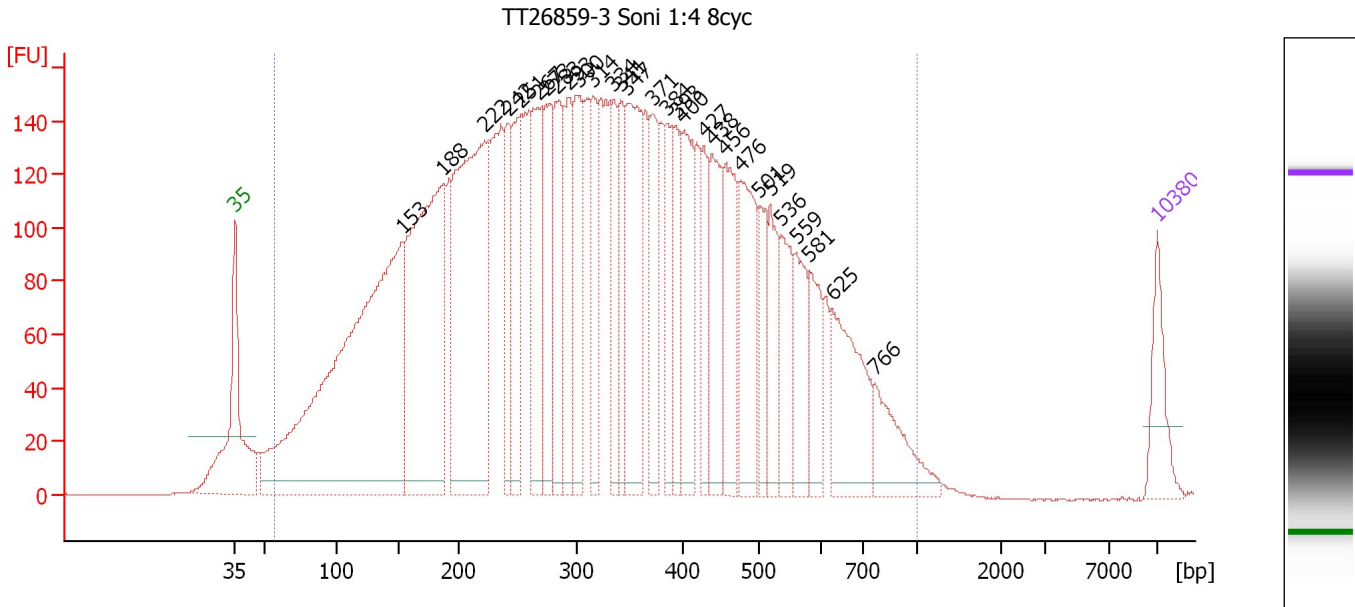
Region table for sample 1 : TT26859-2 Soni 1:4 8cyc

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
200	1,986	538	22,273.2	5,888.99	 4,721.3	80	50.7

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-24\2014-03-24_004.xad

Created: 3/24/2014 12:29:20 PM
 Modified: 3/24/2014 1:14:05 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : TT26859-3 Soni 1:4 8cyc

Number of peaks found: 29 Corr. Area 1: 7,518.2
 Noise: 0.2

Peak table for sample 2 : TT26859-3 Soni 1:4 8cyc

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	55.67	153	1,564.28	15,456.0	
3	58.83	188	855.82	6,907.0	
4	61.99	222	797.26	5,431.1	
5	63.77	242	158.73	993.5	
6	64.62	251	229.68	1,383.9	
7	66.00	267	251.56	1,429.4	
8	66.60	273	225.42	1,249.5	
9	67.49	283	221.00	1,182.5	
10	68.38	293	205.04	1,060.3	
11	69.03	300	226.43	1,142.9	
12	70.17	314	152.81	736.8	
13	71.74	334	144.06	653.8	
14	72.31	341	141.55	629.2	
15	72.80	347	326.16	1,424.5	
16	74.70	371	163.90	670.2	
17	75.79	384	129.47	510.7	
18	76.48	393	117.40	453.0	
19	77.05	400	210.00	796.1	
20	78.63	427	113.29	401.6	
21	79.23	438	189.73	656.2	
22	80.25	456	188.18	625.4	
23	81.38	476	232.77	741.2	
24	82.80	501	107.04	323.8	
25	83.65	519	115.27	336.7	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-24\2014-03-24_004.xad

Created: 3/24/2014 12:29:20 PM
 Modified: 3/24/2014 1:14:05 PM

Electropherogram Summary Continued ...

... Peak table for sample 2 : TT26859-3 Soni 1:4 8cyc

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
26	84.46	536	138.94	393.1	
27	85.59	559	119.33	323.3	
28	86.64	581	109.41	285.2	
29	88.34	625	215.12	521.4	
30	91.62	766	126.07	249.3	
31	113.00	10,380	75.00	10.9	Upper Marker

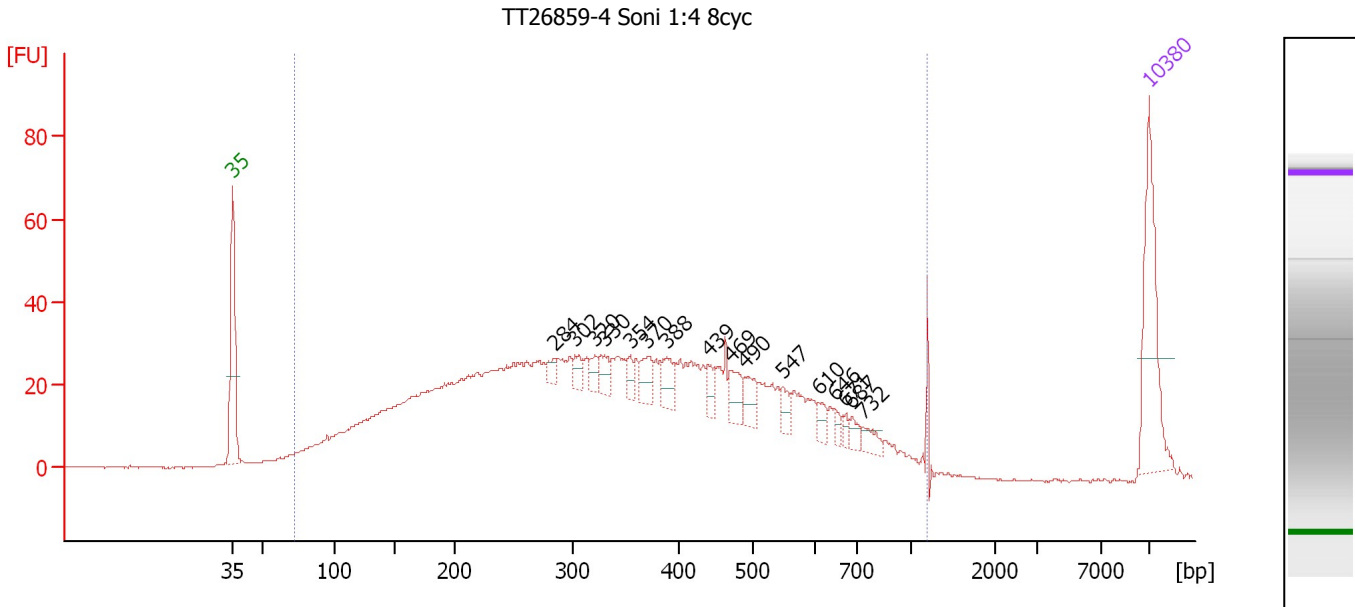
Region table for sample 2 : TT26859-3 Soni 1:4 8cyc

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. for Area	% of Total	Size distribution in CV [%]
57	1,000	339	63,492.7	9,380.92	7,518.2	99	47.5

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-24\2014-03-24_004.xad

Created: 3/24/2014 12:29:20 PM
 Modified: 3/24/2014 1:14:05 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : TT26859-4 Soni 1:4 8cyc

Number of peaks found: 16 Corr. Area 1: 1,364.4
 Noise: 0.2

Peak table for sample 3 : TT26859-4 Soni 1:4 8cyc

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	67.53	284	9.16	49.0	
3	69.16	302	12.75	64.0	
4	70.67	320	11.62	54.9	
5	71.44	330	16.03	73.6	
6	73.36	354	11.93	51.1	
7	74.66	370	21.67	88.7	
8	76.13	388	22.19	86.6	
9	79.30	439	11.04	38.1	
10	81.02	469	20.61	66.5	
11	82.20	490	19.22	59.4	
12	85.01	547	11.00	30.5	
13	87.86	610	10.95	27.2	
14	89.00	646	6.41	15.0	
15	89.82	671	5.59	12.6	
16	90.31	687	7.93	17.5	
17	91.16	732	11.54	23.9	
18	113.00	10,380	75.00	10.9	Upper Marker

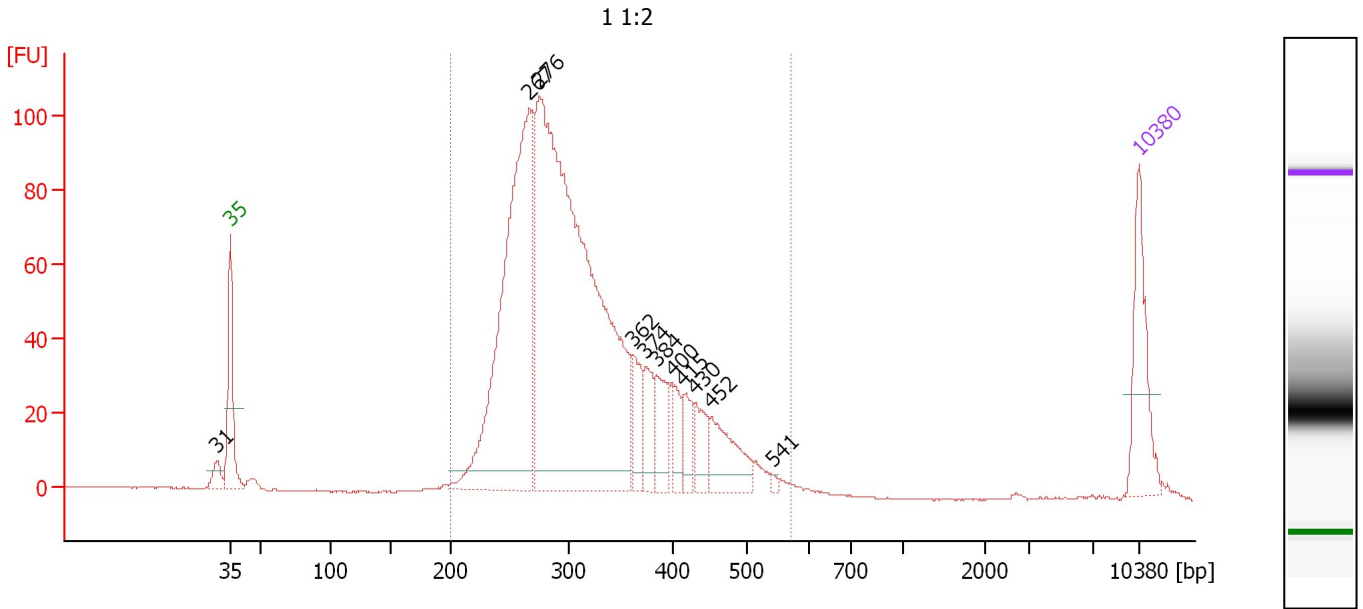
Region table for sample 3 : TT26859-4 Soni 1:4 8cyc

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
72	1,190	361	12,259.1	1,973.13	1,364.4	98	47.9

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-24\2014-03-24_004.xad

Created: 3/24/2014 12:29:20 PM
 Modified: 3/24/2014 1:14:05 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : 1 1:2

Number of peaks found: 11 Corr. Area 1: 1,560.1
 Noise: 0.2

Peak table for sample 4 : 1 1:2

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	41.97	31	0.00	0.0	
2	43.00	35	125.00	5,411.3	Lower Marker
3	65.99	267	600.15	3,410.8	
4	66.81	276	1,121.08	6,162.0	
5	74.04	362	48.37	202.3	
6	74.94	374	48.54	196.9	
7	75.80	384	56.72	223.7	
8	77.08	400	33.13	125.5	
9	77.90	415	35.50	129.8	
10	78.76	430	40.78	143.8	
11	80.03	452	75.55	253.2	
12	84.71	541	3.86	10.8	
13	113.00	10,380	75.00	10.9	Upper Marker

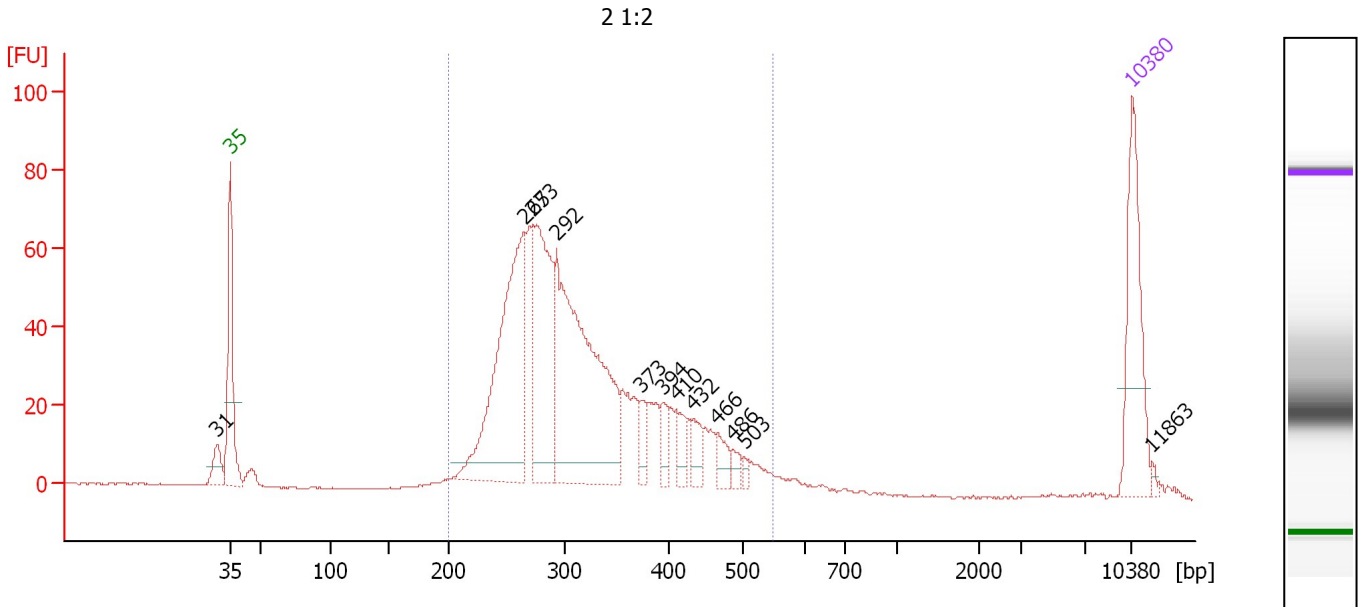
Region table for sample 4 : 1 1:2

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
200	571	318	10,453.3	2,081.71	1,560.1	98	21.3

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-24\2014-03-24_004.xad

Created: 3/24/2014 12:29:20 PM
 Modified: 3/24/2014 1:14:05 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : 2 1:2

Number of peaks found: 12 Corr. Area 1: 1,056.5
 Noise: 0.2

Peak table for sample 5 : 2 1:2

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	41.97	31	0.00	0.0	
2	43.00	35	125.00	5,411.3	Lower Marker
3	65.85	265	269.07	1,538.2	
4	66.55	273	180.50	1,002.5	
5	68.33	292	329.66	1,707.9	
6	74.87	373	16.13	65.6	
7	76.57	394	18.26	70.3	
8	77.65	410	20.89	77.2	
9	78.89	432	20.01	70.2	
10	80.84	466	15.79	51.3	
11	81.95	486	8.75	27.3	
12	82.91	503	4.92	14.8	
13	113.00	10,380	75.00	10.9	Upper Marker
14	114.57	11,863	0.00	0.0	

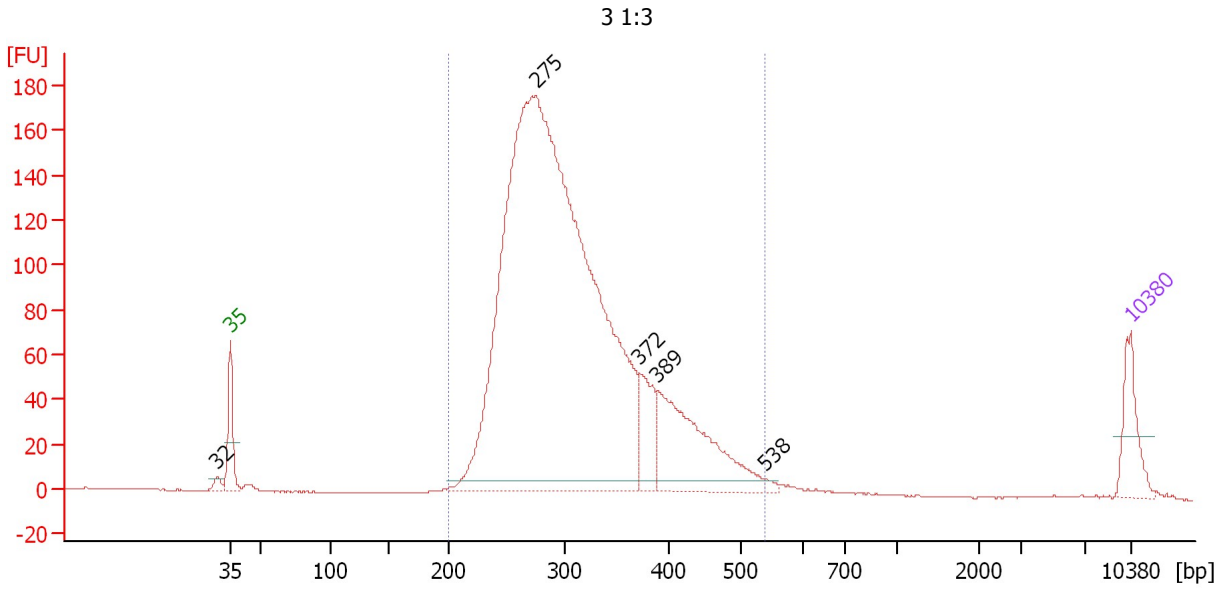
Region table for sample 5 : 2 1:2

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
200	550	321	5,673.9	1,132.36	1,056.5	95	22.3

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-24\2014-03-24_004.xad

Created: 3/24/2014 12:29:20 PM
 Modified: 3/24/2014 1:14:05 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : 3 1:3

Number of peaks found: 5 Corr. Area 1: 2,579.2
 Noise: 0.2

Peak table for sample 6 : 3 1:3

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	42.01	32	0.00	0.0	
2	43.00	35	125.00	5,411.3	Lower Marker
3	66.75	275	3,257.97	17,953.9	
4	74.83	372	119.95	488.4	
5	76.20	389	355.46	1,384.1	
6	84.57	538	8.34	23.5	
7	113.00	10,380	75.00	10.9	Upper Marker

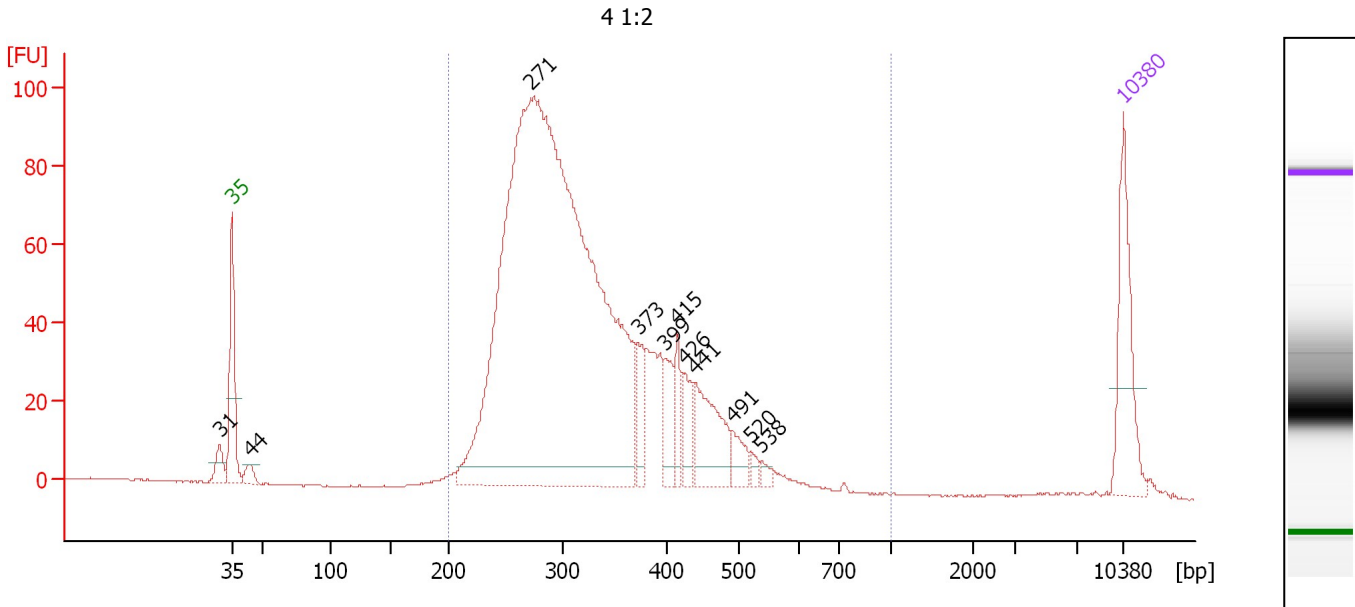
Region table for sample 6 : 3 1:3

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
200	539	312	18,641.5	3,670.78	2,579.2	98	19.9

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-24\2014-03-24_004.xad

Created: 3/24/2014 12:29:20 PM
 Modified: 3/24/2014 1:14:05 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : 4 1:2

Number of peaks found: 11 Corr. Area 1: 1,603.6
 Noise: 0.2

Peak table for sample 7 : 4 1:2

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	41.99	31	0.00	0.0	
2	43.00	35	125.00	5,411.3	Lower Marker
3	44.38	44	16.03	551.6	
4	66.42	271	1,652.09	9,226.7	
5	74.88	373	40.99	166.6	
6	77.02	399	38.28	145.3	
7	77.94	415	29.08	106.1	
8	78.57	426	37.63	133.7	
9	79.40	441	85.38	293.3	
10	82.25	491	23.34	72.0	
11	83.72	520	8.00	23.3	
12	84.56	538	6.70	18.9	
13	113.00	10,380	75.00	10.9	Upper Marker

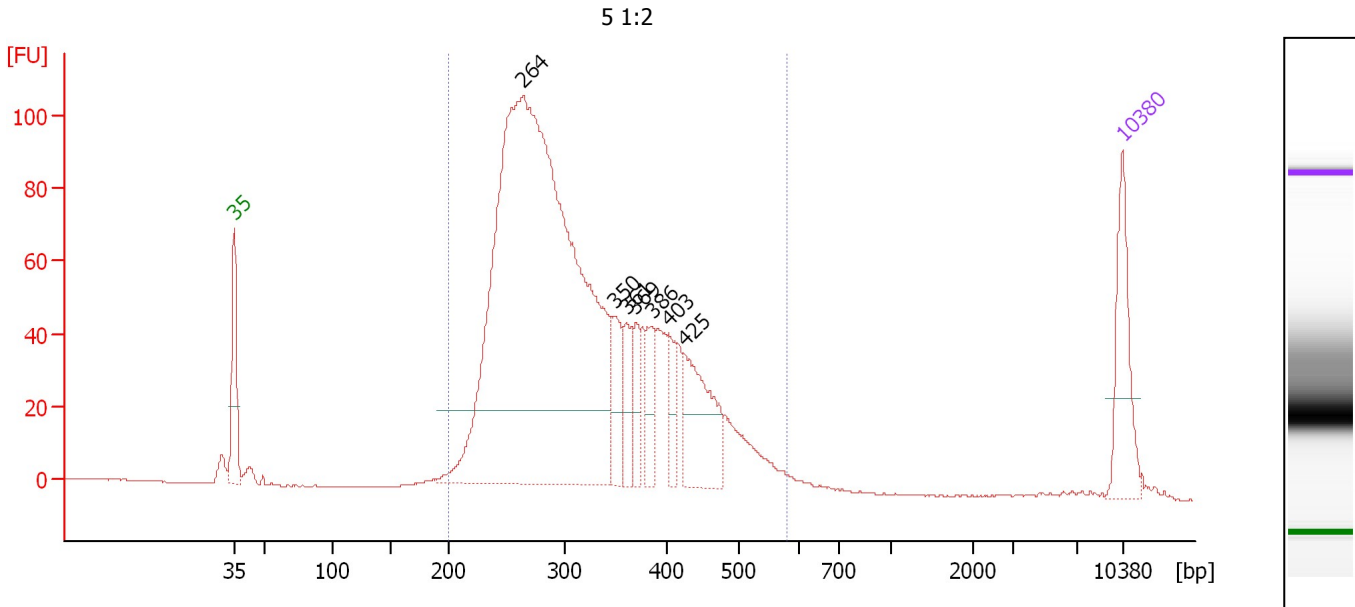
Region table for sample 7 : 4 1:2

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
200	1,000	327	9,779.8	1,979.44	1,603.6	98	23.6

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-24\2014-03-24_004.xad

Created: 3/24/2014 12:29:20 PM
 Modified: 3/24/2014 1:14:05 PM

Electropherogram Summary Continued ...



Setpoint Deviations for sample 8 : 5 1:2

Height Threshold [FU] : 20

Overall Results for sample 8 : 5 1:2

Number of peaks found: 7 Corr. Area 1: 1,820.2
 Noise: 0.2

Peak table for sample 8 : 5 1:2

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	65.79	264	1,623.19	9,303.8	
3	73.06	350	72.17	312.3	
4	73.90	361	50.43	211.9	
5	74.62	369	40.63	166.6	
6	75.92	386	52.52	206.3	
7	77.26	403	34.72	130.4	
8	78.48	425	129.90	463.3	
9	113.00	10,380	75.00	10.9	Upper Marker

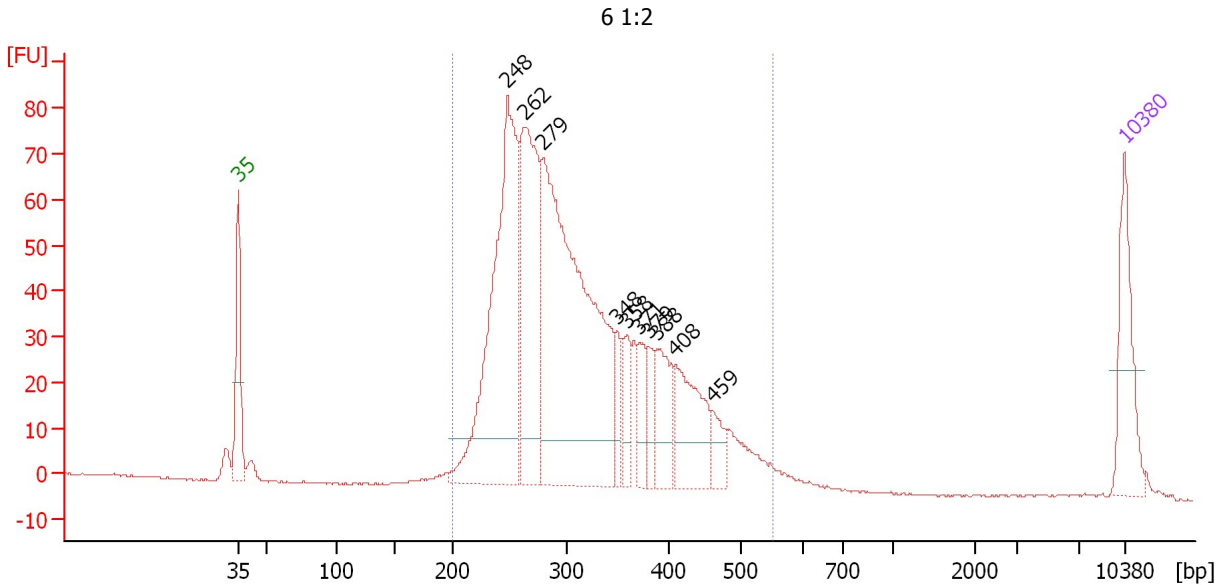
Region table for sample 8 : 5 1:2

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
200	580	324	11,005.5	2,196.59	1,820.2	97	23.8

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-24\2014-03-24_004.xad

Created: 3/24/2014 12:29:20 PM
 Modified: 3/24/2014 1:14:05 PM

Electropherogram Summary Continued ...



Setpoint Deviations for sample 9 : 6 1:2

Height Threshold [FU] : 10

Overall Results for sample 9 : 6 1:2

Number of peaks found: 10 Corr. Area 1: 1,289.1
 Noise: 0.2

Peak table for sample 9 : 6 1:2

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	64.27	248	514.43	3,148.0	
3	65.62	262	314.75	1,816.9	
4	67.09	279	697.49	3,791.4	
5	72.86	348	37.79	164.7	
6	73.70	358	47.14	199.4	
7	74.71	371	41.40	169.2	
8	75.39	379	36.99	147.8	
9	76.10	388	77.87	304.1	
10	77.54	408	116.96	434.2	
11	80.44	459	32.31	106.6	
12	113.00	10,380	75.00	10.9	Upper Marker

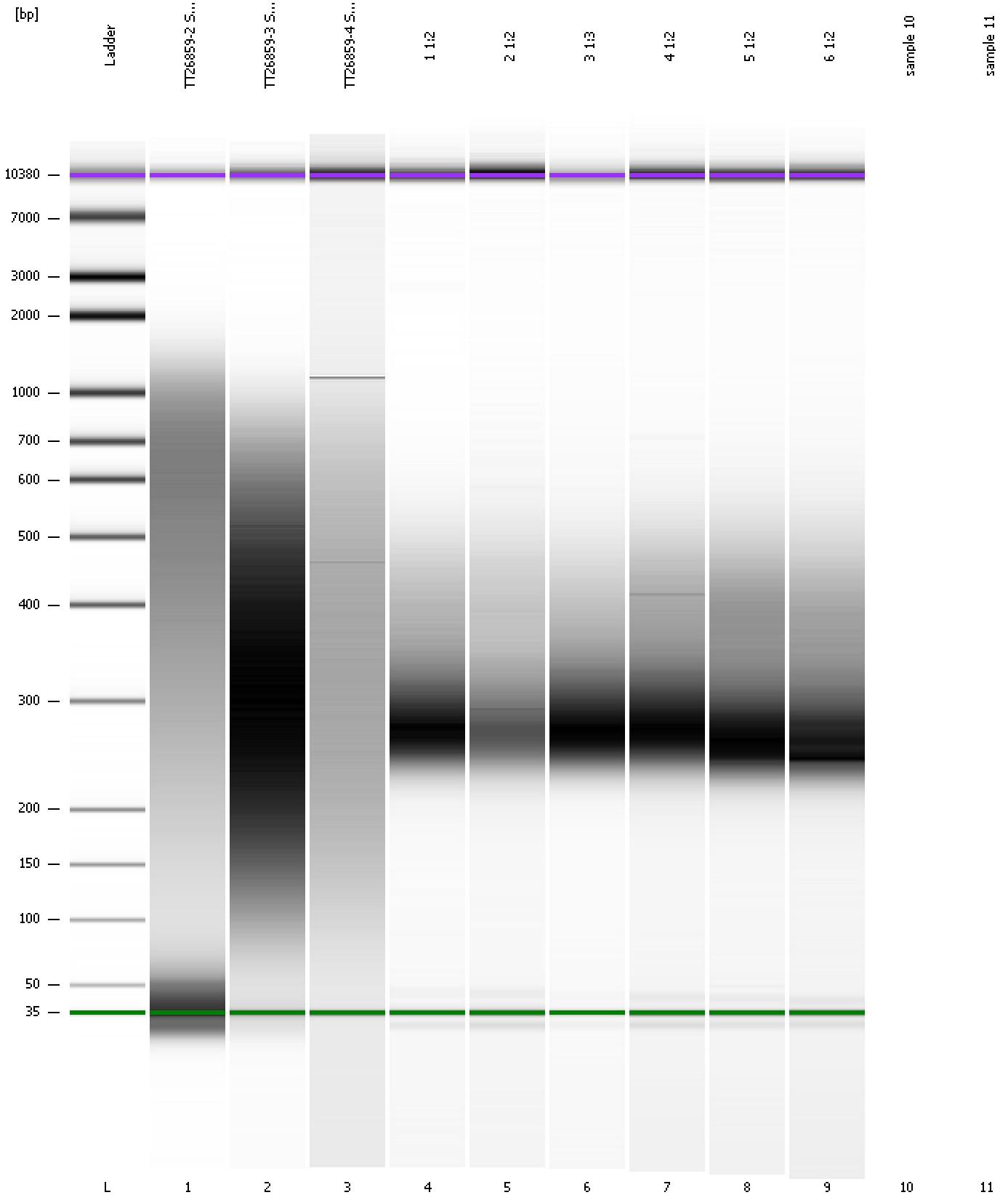
Region table for sample 9 : 6 1:2

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
200	553	317	10,061.5	1,977.90	1,289.1	97	22.9

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-24\2014-03-24_004.xad

Created: 3/24/2014 12:29:20 PM
Modified: 3/24/2014 1:14:05 PM

Gel Image

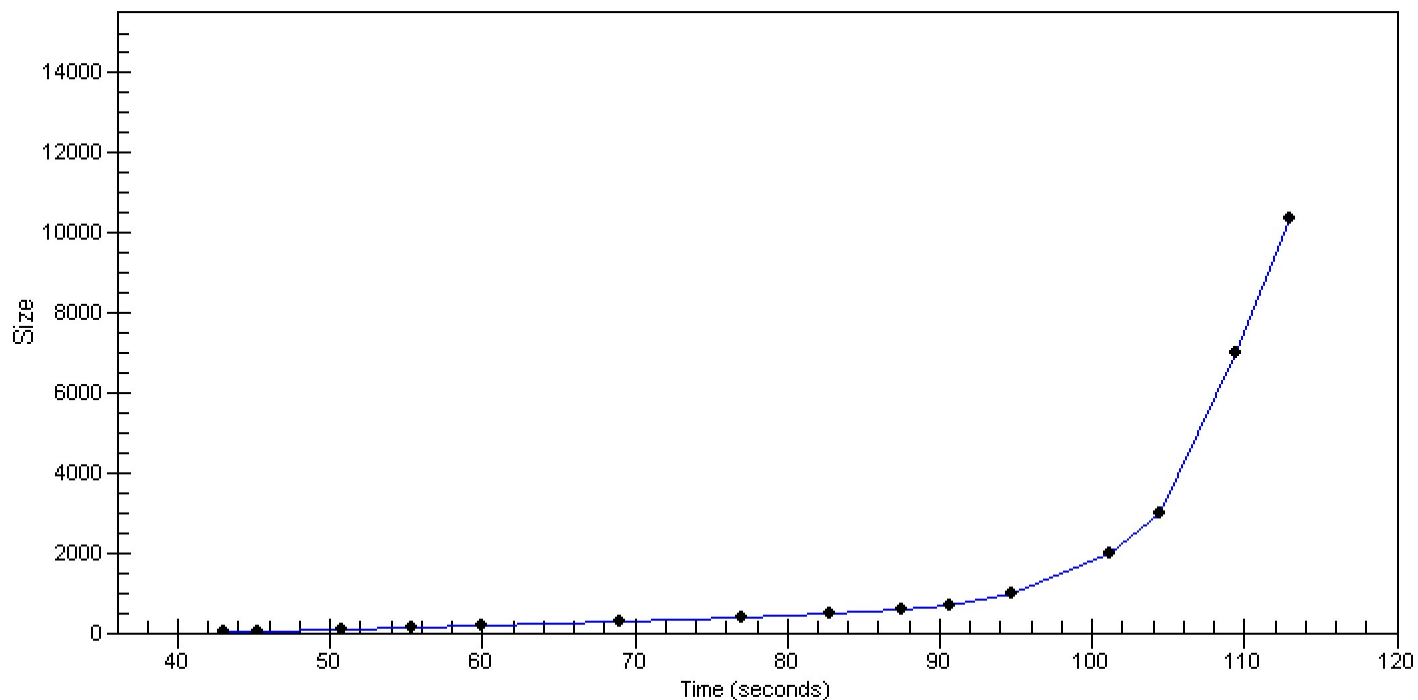


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-24\2014-03-24_004.xad

Created: 3/24/2014 12:29:20 PM
Modified: 3/24/2014 1:14:05 PM

Curves

Standard Curve



Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-24\2014-03-24_004.xad

Created: 3/24/2014 12:29:20 PM
Modified: 3/24/2014 1:14:05 PM

Invalid Samples

Sample 10 has not been run, no results available.

Sample 11 has not been run, no results available.

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-24\2014-03-24_004.xad

Created: 3/24/2014 12:29:20 PM
 Modified: 3/24/2014 1:14:05 PM

Run Logbook

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run ended on port 1 (Number of wells acquired: 10)		Instrument	Run		3/24/2014 1:04:56 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Documents and Settings\Bioanalyzer\2014-03-24\2014-03-24_004.xad)		Instrument	Run		3/24/2014 12:29:25 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938B		Instrument	Run		3/24/2014 12:29:25 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		3/24/2014 12:29:25 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		3/24/2014 12:29:25 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE13701086		Instrument	Run		3/24/2014 12:29:25 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		3/24/2014 12:29:25 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		3/24/2014 12:29:25 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1