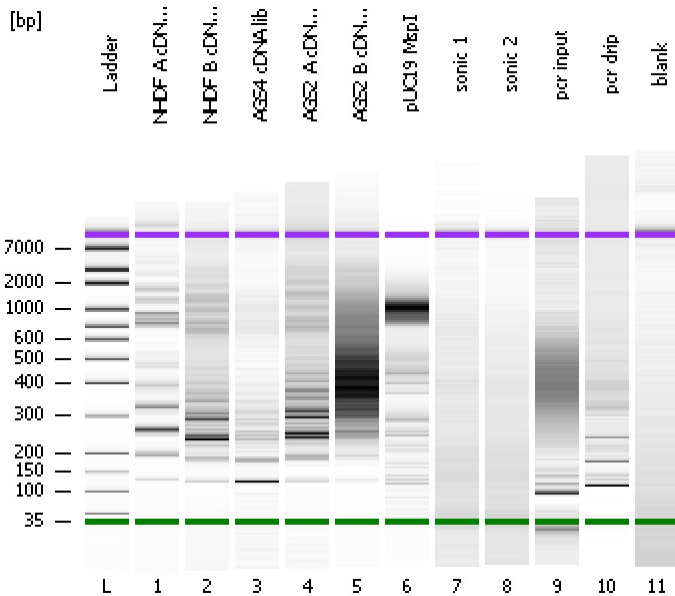


Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-05\2013-04-05_003.xad

Created: 4/5/2013 3:21:15 PM
 Modified: 4/5/2013 4:10:08 PM

Electrophoresis File Run Summary



Instrument Information:

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

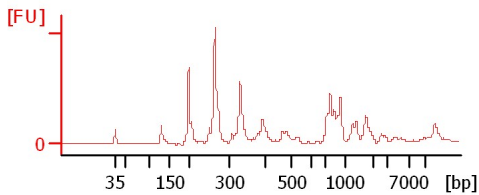
Assay Information:

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

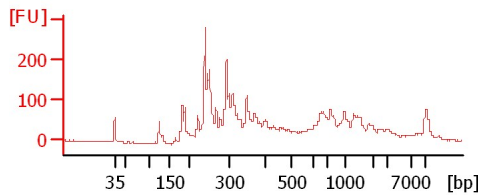
Chip Information:

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

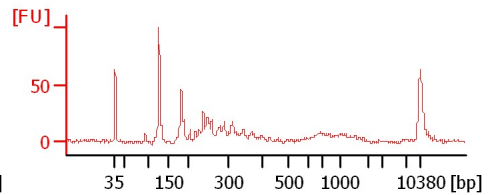
NHDF A cDNA lib



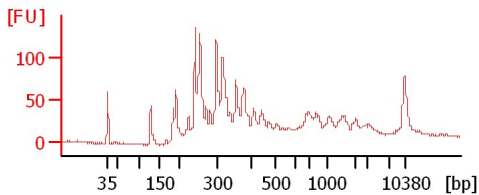
NHDF B cDNA lib



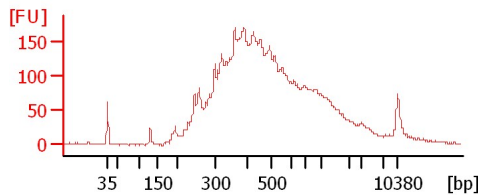
AGS4 cDNA lib



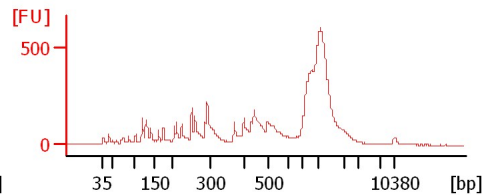
AGS2 A cDNA lib



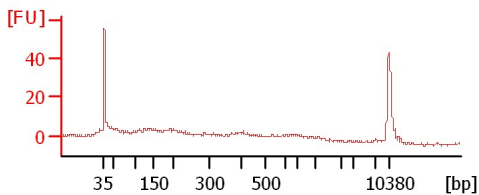
AGS2 B cDNA lib



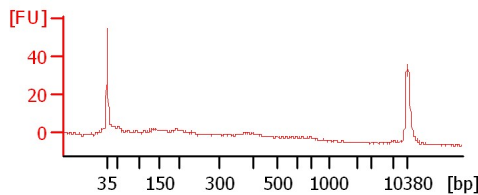
pUC19 MspI



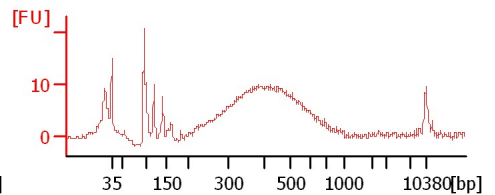
sonic 1



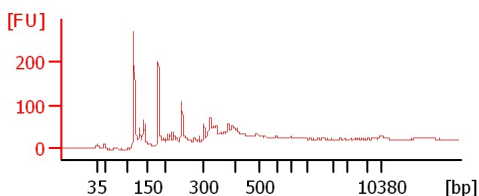
sonic 2



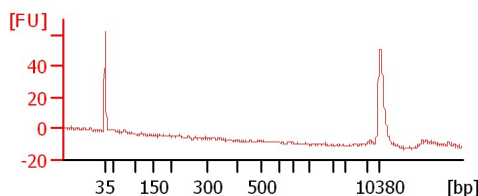
pcr input



pcr drip



blank



Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-05\2013-04-05_003.xad

Created: 4/5/2013 3:21:15 PM
Modified: 4/5/2013 4:10:08 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
NHDF A cDNA lib		<input type="checkbox"/>	✓			
NHDF B cDNA lib		<input type="checkbox"/>	✓			
AGS4 cDNA lib		<input type="checkbox"/>	✓			
AGS2 A cDNA lib		<input type="checkbox"/>	✓			
AGS2 B cDNA lib		<input type="checkbox"/>	✓			
pUC19 MspI		<input type="checkbox"/>	✓			
sonic 1		<input type="checkbox"/>	✓			
sonic 2		<input type="checkbox"/>	✓			
pcr input		<input type="checkbox"/>	✓			
pcr drip		<input type="checkbox"/>	✓			
blank		<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\2013-04-05\2013-04-05_003.xad

Created: 4/5/2013 3:21:15 PM
Modified: 4/5/2013 4:10:08 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

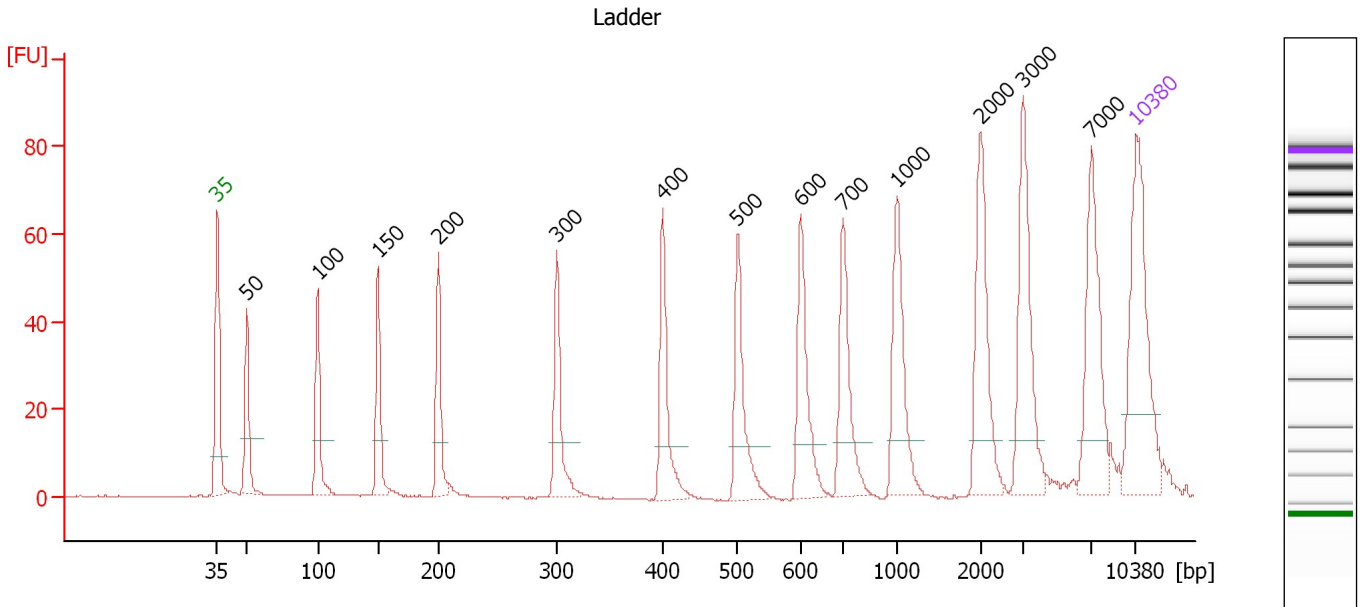
Ladder

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\2013-04-05\2013-04-05_003.xad

Created: 4/5/2013 3:21:15 PM
 Modified: 4/5/2013 4:10:08 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.1

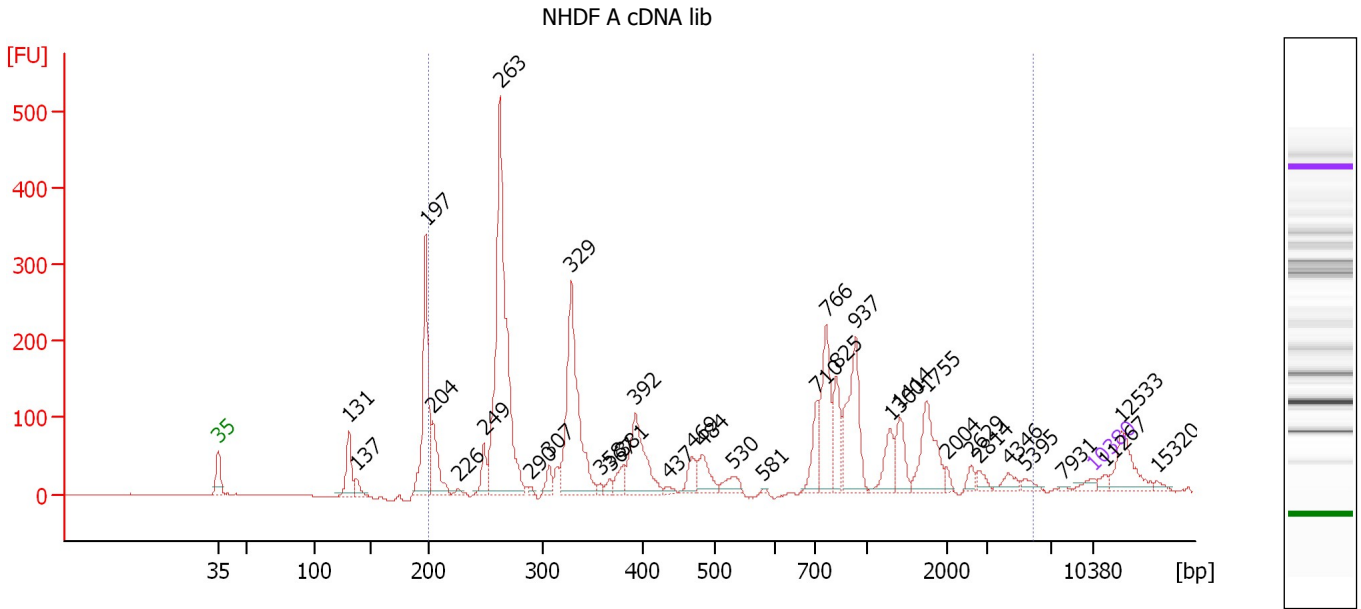
Peak table for Ladder

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
14	7,000	150.00	32.5	Ladder Peak
15	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-05\2013-04-05_003.xad

Created: 4/5/2013 3:21:15 PM
 Modified: 4/5/2013 4:10:08 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : NHDF A cDNA lib

Number of peaks found: 35 Corr. Area 1: 2,763.5
 Noise: 0.2

Peak table for sample 1 : NHDF A cDNA lib

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	131	639.68	7,423.0	
3	137	176.03	1,945.9	
4	197	2,258.94	17,336.0	
5	204	781.22	5,816.2	
6	226	60.55	405.7	
7	249	359.78	2,192.0	
8	263	5,255.44	30,299.6	
9	290	47.58	248.5	
10	307	199.51	985.1	
11	329	2,675.54	12,317.2	
12	358	58.77	248.9	
13	367	102.87	424.4	
14	381	228.05	906.8	
15	392	1,160.19	4,482.2	
16	437	58.78	203.6	
17	469	298.11	963.8	
18	484	388.96	1,218.8	
19	530	220.56	630.4	
20	581	16.85	43.9	
21	710	497.47	1,061.7	
22	766	1,019.57	2,016.6	
23	825	573.95	1,053.7	
24	937	1,187.21	1,918.8	
25	1,300	378.59	441.1	
26	1,414	387.63	415.4	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-05\2013-04-05_003.xad


Created: 4/5/2013 3:21:15 PM
 Modified: 4/5/2013 4:10:08 PM

Electropherogram Summary Continued ...

... Peak table for sample 1 : NHDF A cDNA lib

Peak	Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
27	1,755	739.76	638.7	
28	2,004	72.49	54.8	
29	2,629	97.59	56.3	
30	2,814	101.74	54.8	
31	4,346	131.78	45.9	
32	5,395	83.35	23.4	
33	7,931	19.20	3.7	
34	10,380	75.00	10.9	Upper Marker
35	11,267	0.00	0.0	
36	12,533	0.00	0.0	
37	15,320	0.00	0.0	

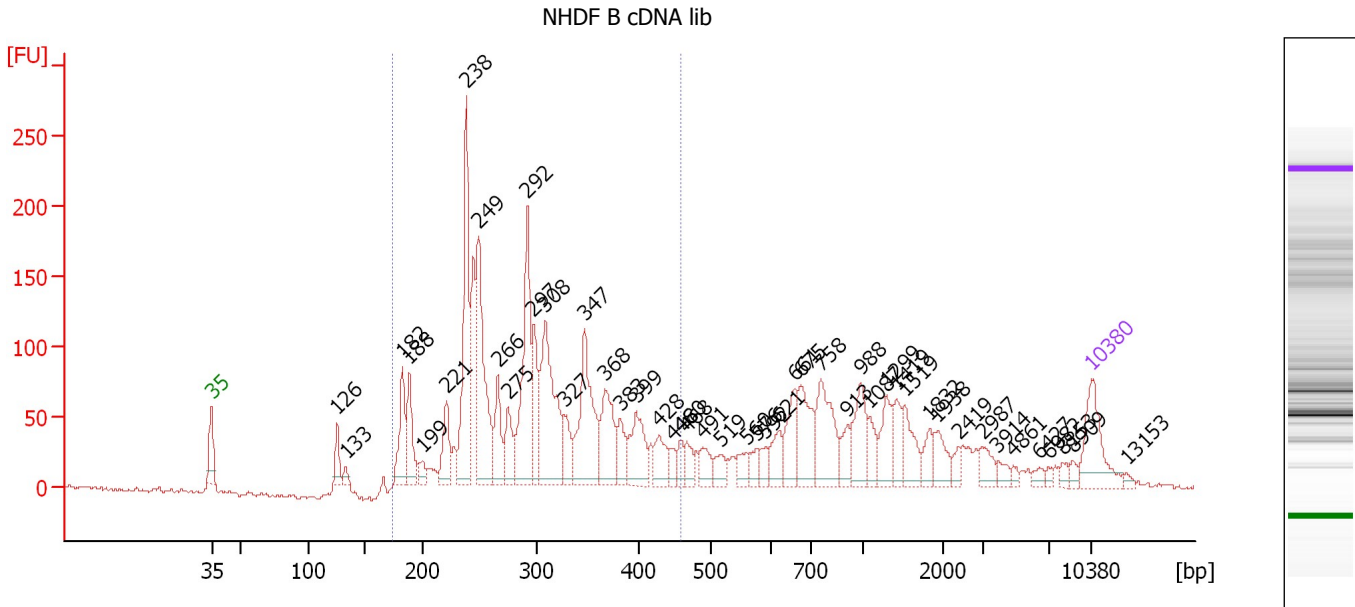
Region table for sample 1 : NHDF A cDNA lib

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/µl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
200	5,884	755	65,741.8	16,289.34	2,763.5	86	99.6	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-05\2013-04-05_003.xad

Created: 4/5/2013 3:21:15 PM
 Modified: 4/5/2013 4:10:08 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : NHDF B cDNA lib

Number of peaks found: 48 Corr. Area 1: 2,141.5
 Noise: 1.3

Peak table for sample 2 : NHDF B cDNA lib

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	126	44.44	535.0	
3	133	14.16	161.0	
4	182	101.55	844.3	
5	188	92.24	742.4	
6	199	20.78	158.0	
7	221	74.53	511.3	
8	238	284.42	1,809.2	
9	249	260.92	1,588.0	
10	266	79.73	454.4	
11	275	63.74	350.9	
12	292	242.34	1,259.4	
13	297	100.04	510.0	
14	308	239.01	1,174.1	
15	327	52.82	244.8	
16	347	199.37	869.4	
17	368	108.74	448.3	
18	383	49.64	196.5	
19	399	91.90	349.3	
20	428	51.52	182.2	
21	448	18.92	64.0	
22	460	24.13	79.4	
23	468	28.26	91.6	
24	491	35.06	108.3	
25	519	25.92	75.7	
26	560	26.19	70.8	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-05\2013-04-05_003.xad


Created: 4/5/2013 3:21:15 PM
 Modified: 4/5/2013 4:10:08 PM

Electropherogram Summary Continued ...

... Peak table for sample 2 : NHDF B cDNA lib

Peak	Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
27	576	22.56	59.3	
28	592	19.99	51.1	
29	621	42.20	102.9	
30	661	66.19	151.8	
31	675	93.99	211.0	
32	758	119.43	238.7	
33	913	31.74	52.7	
34	988	73.17	112.3	
35	1,087	29.78	41.5	
36	1,299	53.17	62.0	
37	1,419	37.90	40.5	
38	1,519	47.43	47.3	
39	1,832	27.08	22.4	
40	1,938	34.66	27.1	
41	2,419	13.66	8.6	
42	2,987	24.44	12.4	
43	3,914	13.38	5.2	
44	4,861	6.90	2.2	
45	6,427	10.04	2.4	
46	6,982	6.26	1.4	
47	8,153	9.51	1.8	
48	8,909	9.15	1.6	
49	10,380	75.00	10.9	Upper Marker
50	13,153	0.00	0.0	

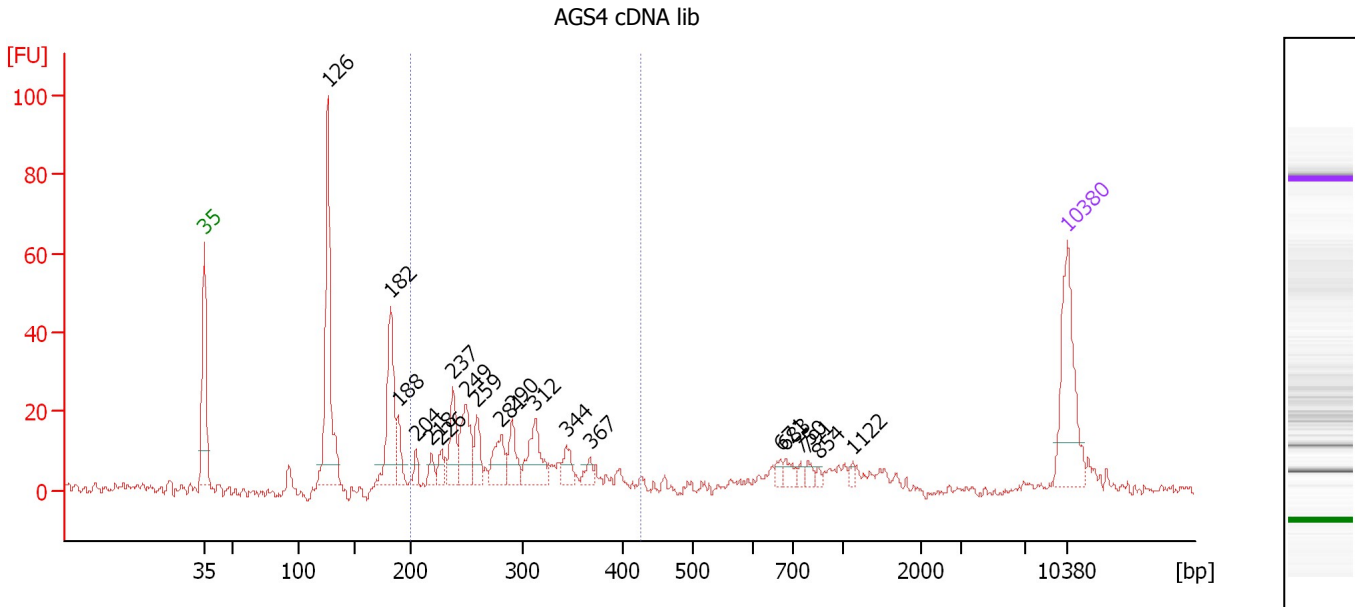
Region table for sample 2 : NHDF B cDNA lib

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/µl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
173	459	297	13,161.4	2,400.85	2,141.5	63	22.3	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-05\2013-04-05_003.xad

Created: 4/5/2013 3:21:15 PM
 Modified: 4/5/2013 4:10:08 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : AGS4 cDNA lib

Number of peaks found: 20 Corr. Area 1: 217.7
 Noise: 1.3

Peak table for sample 3 : AGS4 cDNA lib

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	126	211.11	2,537.3	
3	182	109.74	915.4	
4	188	23.35	188.0	
5	204	12.05	89.6	
6	218	12.48	86.9	
7	226	16.79	112.4	
8	237	45.95	293.5	
9	249	58.68	357.5	
10	259	28.55	167.2	
11	281	38.68	208.8	
12	290	30.82	160.9	
13	312	51.19	248.5	
14	344	18.82	83.0	
15	367	11.14	45.9	
16	671	7.43	16.8	
17	683	9.65	21.4	
18	750	4.79	9.7	
19	791	6.71	12.8	
20	854	3.78	6.7	
21	1,122	3.96	5.3	
22	10,380	75.00	10.9	Upper Marker

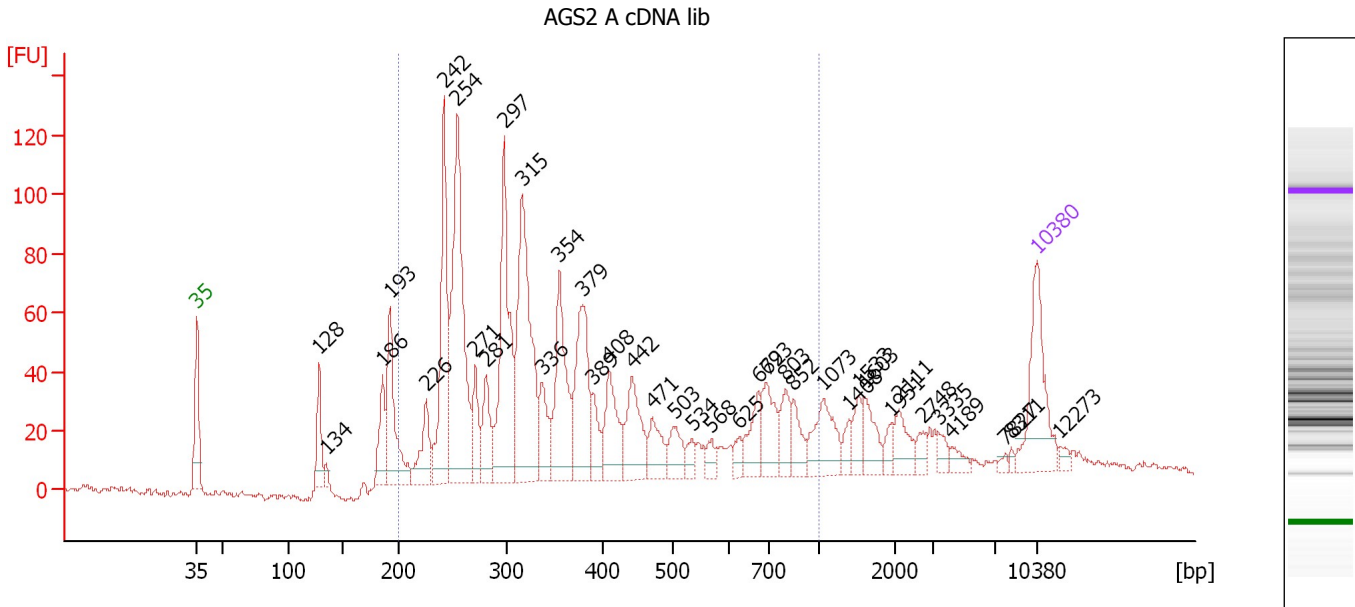
Region table for sample 3 : AGS4 cDNA lib

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
200	426	285	2,134.3	388.33	217.7	46	17.1	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-05\2013-04-05_003.xad

Created: 4/5/2013 3:21:15 PM
 Modified: 4/5/2013 4:10:08 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : AGS2 A cDNA lib

Number of peaks found: 38 Corr. Area 1: 1,507.7
 Noise: 1.4

Peak table for sample 4 : AGS2 A cDNA lib

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	128	53.16	631.0	
3	134	8.40	94.6	
4	186	54.18	442.0	
5	193	120.19	945.9	
6	226	55.65	373.5	
7	242	185.34	1,158.2	
8	254	291.13	1,735.0	
9	271	46.81	261.8	
10	281	55.29	298.4	
11	297	195.96	998.3	
12	315	236.30	1,135.5	
13	336	50.96	229.6	
14	354	126.40	541.0	
15	379	120.36	481.4	
16	389	33.08	128.7	
17	408	70.08	260.1	
18	442	71.78	246.2	
19	471	37.38	120.2	
20	503	31.63	95.4	
21	534	14.78	41.9	
22	568	12.93	34.5	
23	625	13.26	32.2	
24	672	37.88	85.3	
25	693	50.51	110.5	
26	803	31.72	59.8	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-05\2013-04-05_003.xad

Created: 4/5/2013 3:21:15 PM
 Modified: 4/5/2013 4:10:08 PM

Electropherogram Summary Continued ...

... Peak table for sample 4 : AGS2 A cDNA lib

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	852	26.89	47.8	
28	1,073	54.97	77.6	
29	1,408	13.20	14.2	
30	1,533	19.69	19.5	
31	1,603	29.40	27.8	
32	1,951	10.26	8.0	
33	2,111	26.77	19.2	
34	2,748	10.10	5.6	
35	3,335	9.80	4.5	
36	4,189	9.82	3.6	
37	7,827	3.33	0.6	
38	8,311	3.02	0.6	
39	10,380	75.00	10.9	Upper Marker
40	12,273	0.00	0.0	

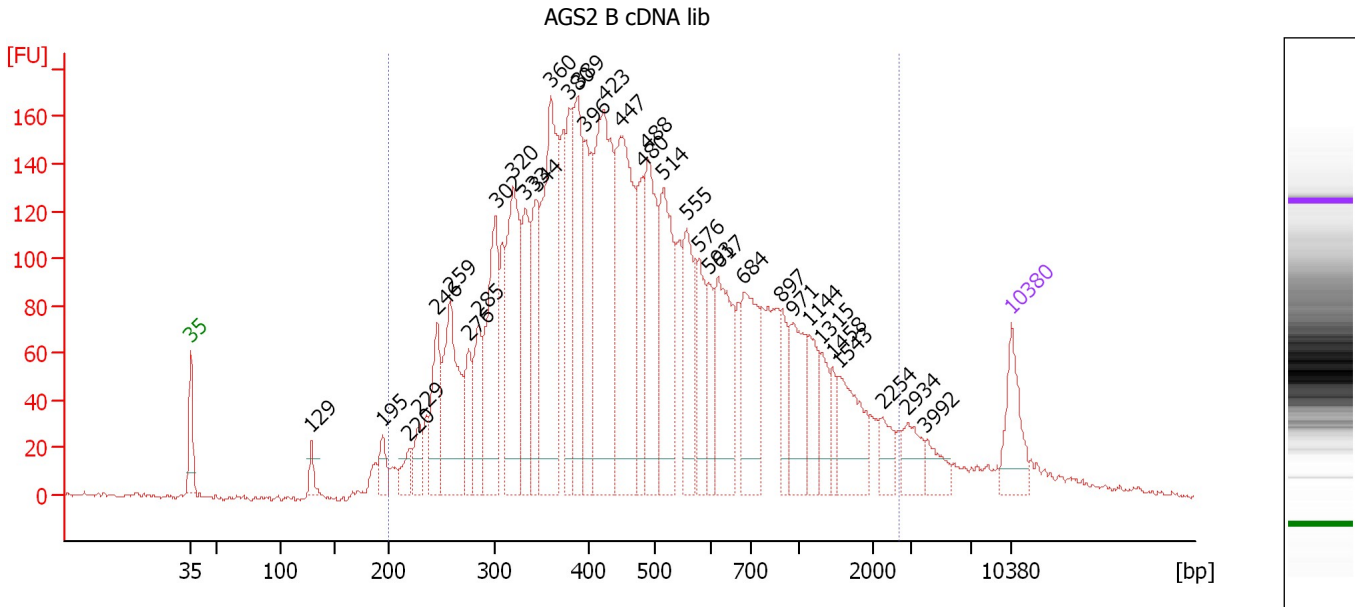
Region table for sample 4 : AGS2 A cDNA lib

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
200	1,000	398	8,688.7	1,882.44	1,507.7	79	43.7	■

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-05\2013-04-05_003.xad

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Electropherogram Summary Continued ...



Setpoint Deviations for sample 5 : AGS2 B cDNA lib

Height Threshold [FU] : 15

Overall Results for sample 5 : AGS2 B cDNA lib

Number of peaks found: 35 Corr. Area 1: 5,038.8
 Noise: 0.9

Peak table for sample 5 : AGS2 B cDNA lib


Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	129	31.30	368.3	
3	195	45.56	353.8	
4	220	42.12	289.9	
5	229	54.24	358.5	
6	246	140.66	865.3	
7	259	269.04	1,574.8	
8	276	89.62	491.2	
9	285	114.46	607.5	
10	302	274.02	1,376.1	
11	320	316.88	1,501.3	
12	333	171.64	780.1	
13	344	172.07	757.6	
14	360	433.08	1,823.0	
15	380	172.36	687.7	
16	389	243.88	950.4	
17	396	195.79	748.8	
18	423	442.25	1,583.5	
19	447	394.45	1,337.1	
20	480	128.00	403.8	
21	488	246.13	763.8	
22	514	246.66	726.5	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-05\2013-04-05_003.xad


Created: 4/5/2013 3:21:15 PM
 Modified: 4/5/2013 4:10:08 PM

Electropherogram Summary Continued ...

... Peak table for sample 5 : AGS2 B cDNA lib

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
23	555	164.90	450.0	
24	576	119.68	314.7	
25	593	67.80	173.2	
26	617	199.50	490.3	
27	684	179.50	397.8	
28	897	62.66	105.8	
29	971	115.84	180.8	
30	1,144	77.77	103.0	
31	1,315	50.28	57.9	
32	1,458	30.46	31.7	
33	1,543	114.62	112.5	
34	2,254	35.35	23.8	
35	2,934	46.52	24.0	
36	3,992	34.53	13.1	
37	 10,380	75.00	10.9	Upper Marker

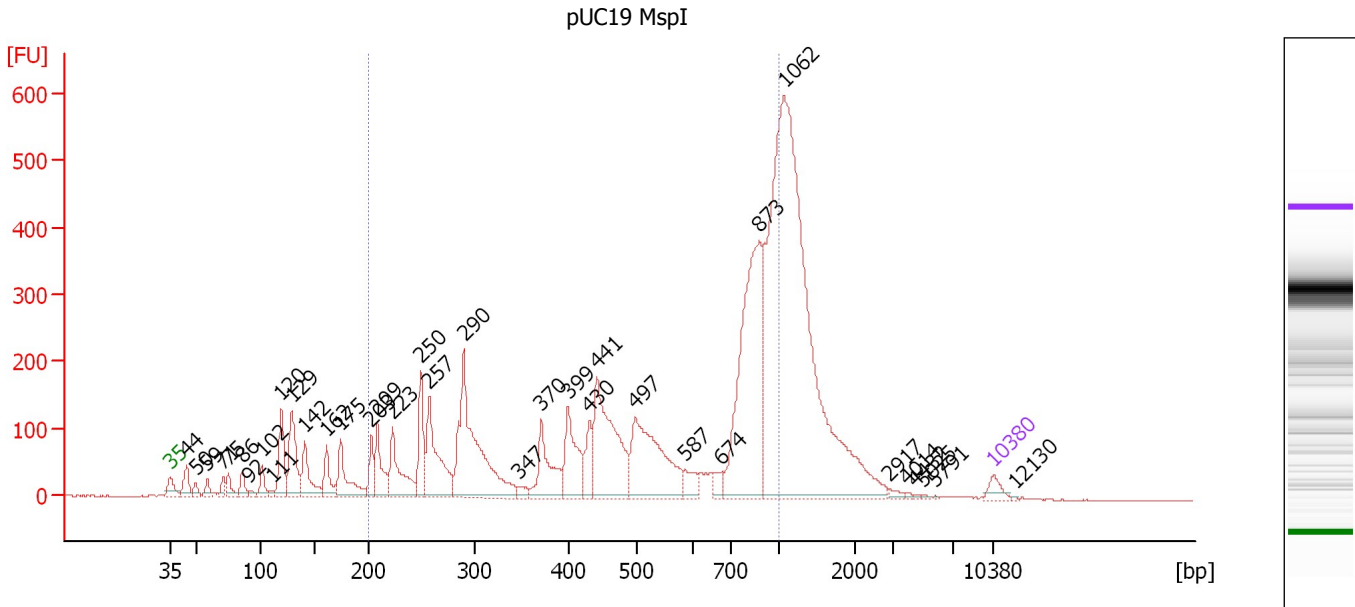
Region table for sample 5 : AGS2 B cDNA lib

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
200	2,711	580	22,170.8	6,053.63	5,038.8	95	69.4	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-05\2013-04-05_003.xad

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Electropherogram Summary Continued ...



Overall Results for sample 6 : pUC19 MspI

Number of peaks found: 36 Corr. Area 1: 4,539.0
 Noise: 0.8

Peak table for sample 6 : pUC19 MspI

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	44	228.21	7,782.6	
3	50	82.53	2,521.1	
4	59	102.60	2,649.7	
5	71	97.30	2,069.2	
6	75	141.54	2,858.5	
7	86	143.80	2,523.4	
8	92	44.86	740.4	
9	102	167.12	2,478.0	
10	111	45.22	616.9	
11	120	486.30	6,142.9	
12	129	637.33	7,467.1	
13	142	415.71	4,446.4	
14	162	266.82	2,497.2	
15	175	456.14	3,955.6	
16	203	214.72	1,599.6	
17	209	368.17	2,670.5	
18	223	546.93	3,709.6	
19	250	426.07	2,583.4	
20	257	793.97	4,673.7	
21	290	1,613.68	8,433.8	
22	347	68.35	298.3	
23	370	506.51	2,072.5	
24	399	532.20	2,020.9	
25	430	232.69	819.4	
26	441	1,186.02	4,071.7	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-05\2013-04-05_003.xad


Created: 4/5/2013 3:21:15 PM
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Electropherogram Summary Continued ...

... Peak table for sample 6 : pUC19 MspI

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	497	1,161.41	3,537.2	
28	587	140.89	363.8	
29	674	78.77	177.1	
30	873	2,020.47	3,505.9	
31	1,062	5,532.23	7,893.4	
32	2,917	34.09	17.7	
33	4,014	10.31	3.9	
34	4,432	8.89	3.0	
35	5,025	8.70	2.6	
36	5,791	5.58	1.5	
37	10,380	75.00	10.9	Upper Marker
38	12,130	0.00	0.0	

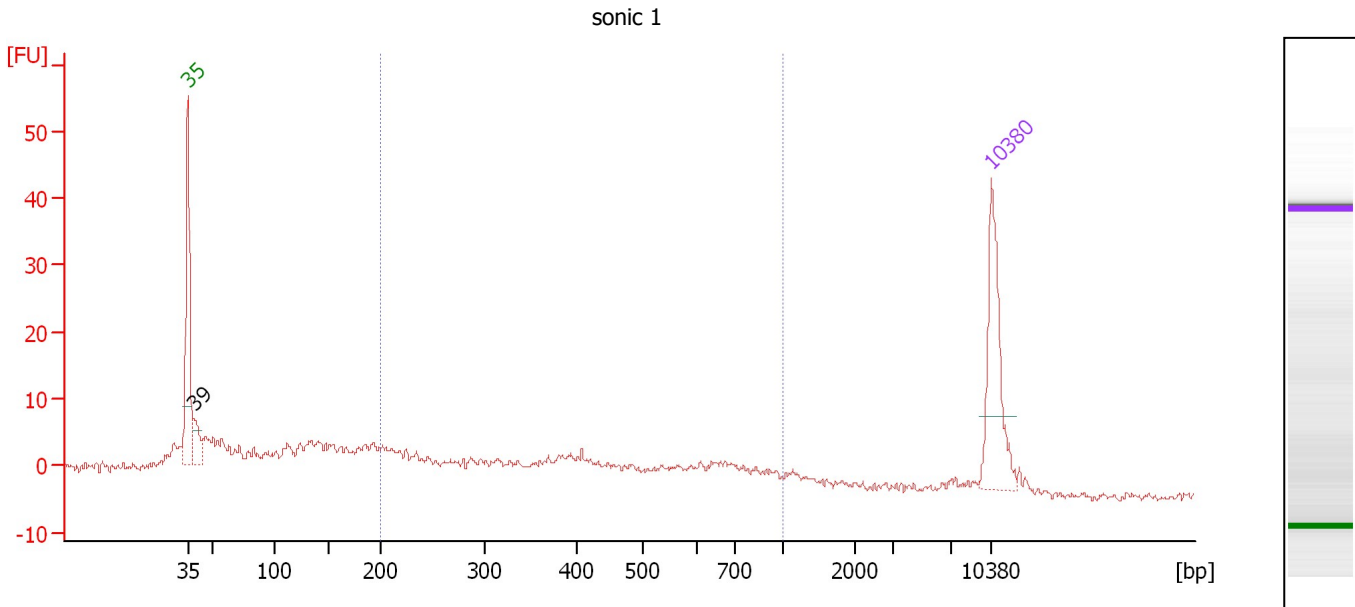
Region table for sample 6 : pUC19 MspI

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
200	1,000	591	41,385.0	11,404.49	4,539.0	60	43.7	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-05\2013-04-05_003.xad

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Electropherogram Summary Continued ...



Overall Results for sample 7 : sonic 1

Number of peaks found: 1 Corr. Area 1: 125.7
 Noise: 0.6

Peak table for sample 7 : sonic 1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	39	34.88	1,364.3	
3	10,380	75.00	10.9	Upper Marker

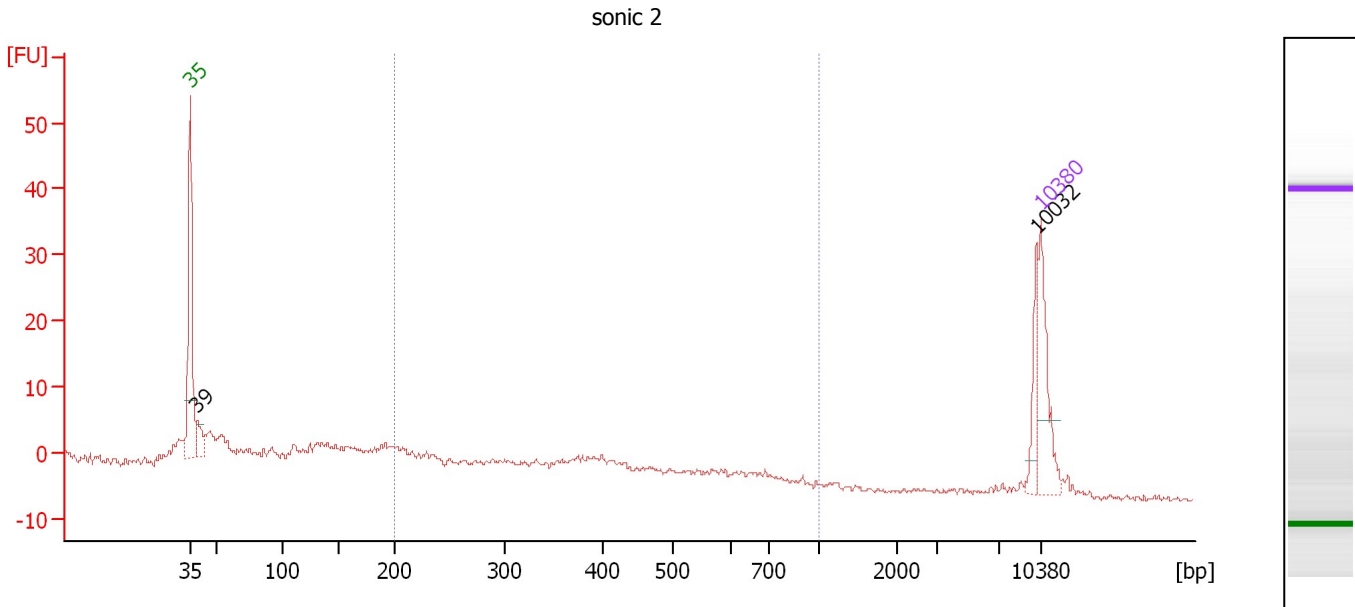
Region table for sample 7 : sonic 1

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
200	1,000	438	1,243.4	279.84	125.7	42	43.0	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-05\2013-04-05_003.xad

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Electropherogram Summary Continued ...



Overall Results for sample 8 : sonic 2

Number of peaks found: 2 Corr. Area 1: 77.1
 Noise: 0.5

Peak table for sample 8 : sonic 2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	39	42.22	1,660.0	
3	10,032	37.32	5.6	
4	10,380	75.00	10.9	Upper Marker

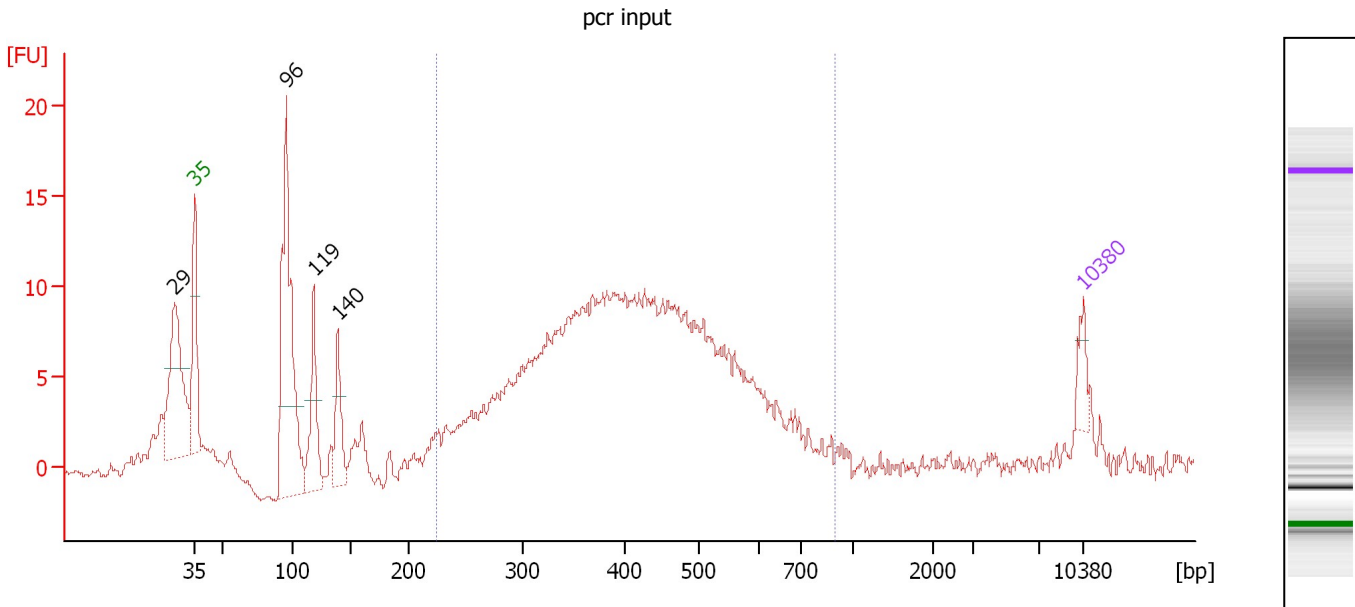
Region table for sample 8 : sonic 2

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
200	1,000	402	1,290.6	280.77	77.1	40	38.6	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-05\2013-04-05_003.xad

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Electropherogram Summary Continued ...



Overall Results for sample 9 : pcr input

Number of peaks found: 4 Corr. Area 1: 257.0
 Noise: 0.3

Peak table for sample 9 : pcr input

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	29	0.00	0.0	
2	35	125.00	5,411.3	Lower Marker
3	96	1,292.73	20,435.2	
4	119	392.98	5,006.7	
5	140	269.43	2,925.8	
6	10,380	75.00	10.9	Upper Marker

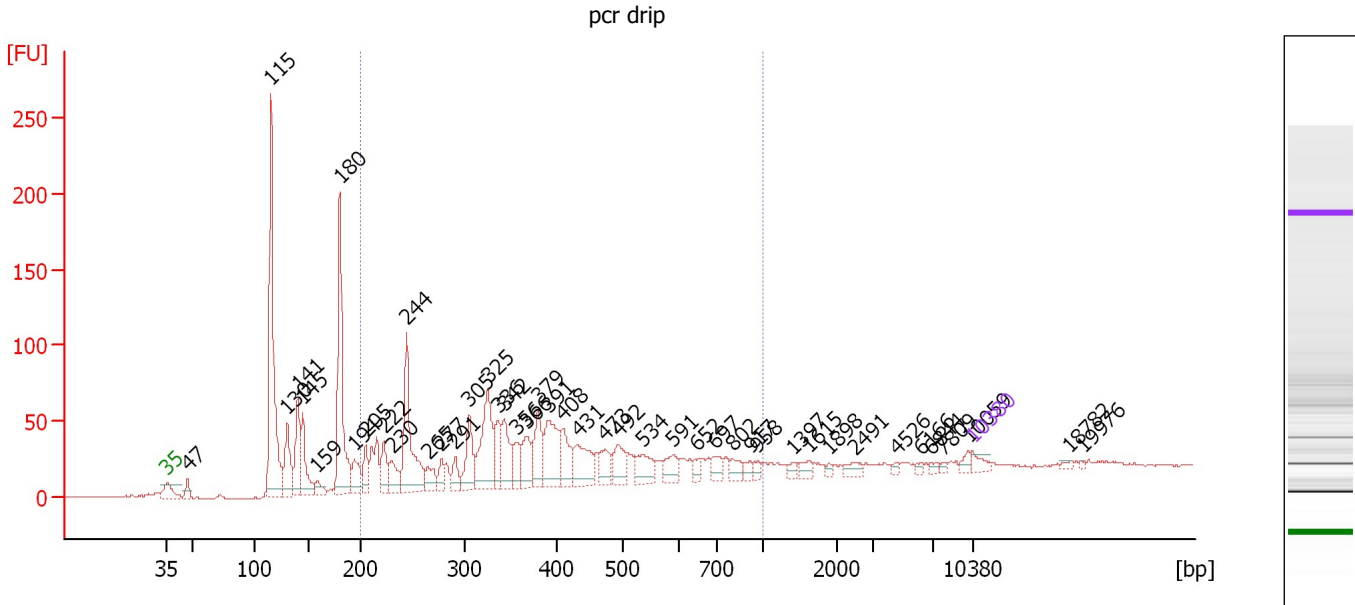
Region table for sample 9 : pcr input

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
225	900	425	22,606.3	5,710.29	257.0	68	27.1	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-05\2013-04-05_003.xad

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Electropherogram Summary Continued ...



Overall Results for sample 10 : pcr drip

Number of peaks found: 45 Corr. Area 1: 1,078.9
 Noise: 0.7

Peak table for sample 10 : pcr drip

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	47	123.45	3,994.5	
3	115	2,495.36	32,800.4	
4	130	516.13	5,996.3	
5	141	532.62	5,743.2	
6	145	505.76	5,282.8	
7	159	131.39	1,254.5	
8	180	1,512.59	12,704.0	
9	194	275.35	2,150.1	
10	205	217.70	1,611.4	
11	222	269.19	1,836.4	
12	230	263.71	1,738.9	
13	244	1,032.38	6,408.2	
14	265	184.43	1,056.2	
15	277	138.45	756.3	
16	291	154.05	803.0	
17	305	396.81	1,970.9	
18	325	795.71	3,713.8	
19	336	288.91	1,304.4	
20	342	426.88	1,888.4	
21	356	214.85	913.5	
22	366	299.19	1,238.2	
23	379	385.47	1,541.8	
24	391	557.35	2,160.3	
25	408	350.53	1,300.8	
26	431	397.27	1,396.8	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-05\2013-04-05_003.xad

Created: 4/5/2013 3:21:15 PM
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Electropherogram Summary Continued ...

... Peak table for sample 10 : pcr drip

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	473	217.42	696.4	
28	492	264.31	813.2	
29	534	250.37	711.0	
30	591	184.52	473.4	
31	652	83.56	194.3	
32	697	123.09	267.5	
33	802	104.39	197.2	
34	917	70.15	115.9	
35	958	48.75	77.1	
36	1,397	54.22	58.8	
37	1,615	78.53	73.7	
38	1,898	28.97	23.1	
39	2,491	73.79	44.9	
40	4,526	28.60	9.6	
41	6,166	24.47	6.0	
42	6,844	33.75	7.5	
43	7,809	22.12	4.3	
44	10,059	49.19	7.4	
45	10,380	75.00	10.9	Upper Marker
46	18,782	0.00	0.0	
47	19,976	0.00	0.0	

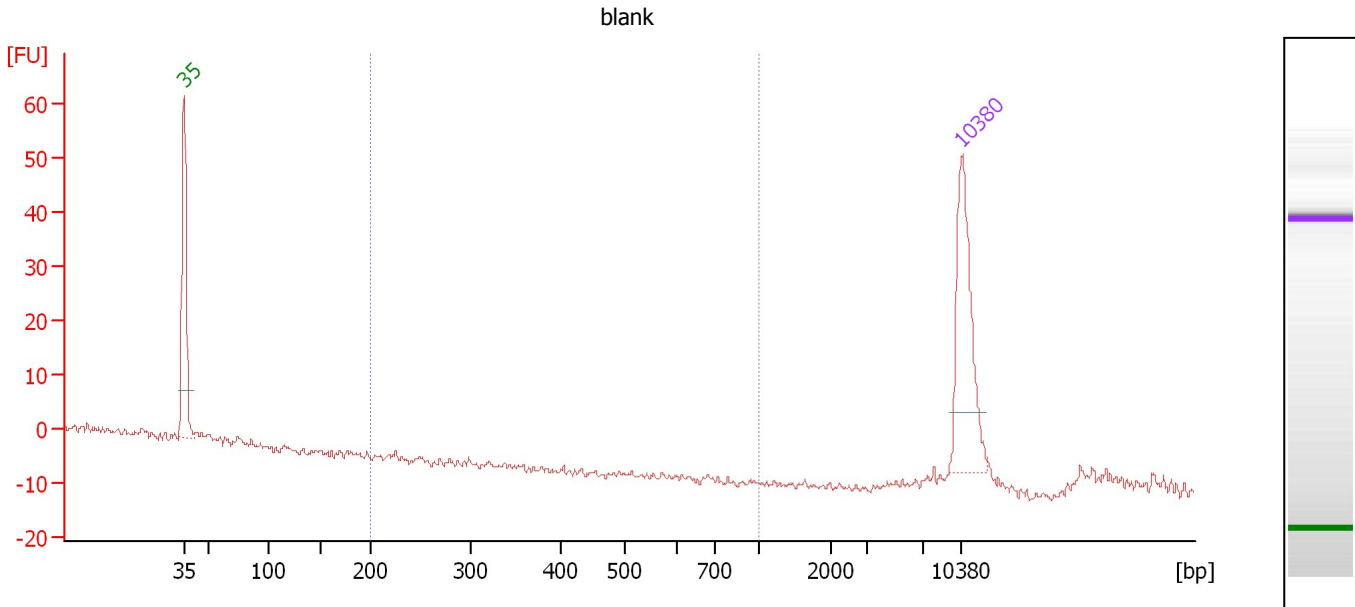
Region table for sample 10 : pcr drip

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
200	1,000	407	35,607.2	7,945.73	1,078.9	59	39.2	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-05\2013-04-05_003.xad

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Electropherogram Summary Continued ...



Overall Results for sample 11 : blank

Number of peaks found: 0 Corr. Area 1: 0.0
 Noise: 0.9

Peak table for sample 11 : blank

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

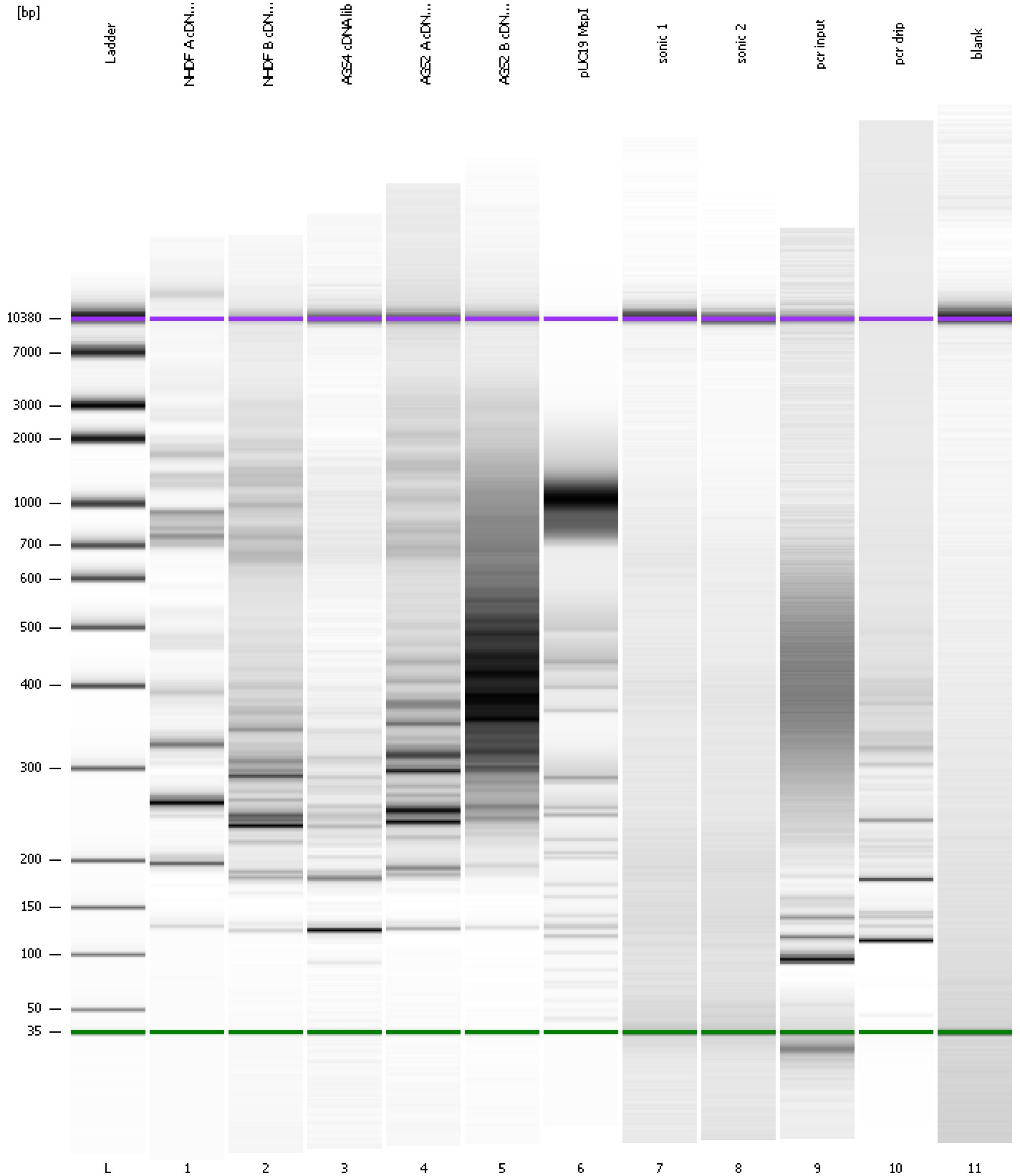
Region table for sample 11 : blank

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
200	1,000	0	0.0	0.00	0.0	0	0.0	Blue

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-05\2013-04-05_003.xad

Created: 4/5/2013 3:21:15 PM
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Gel Image

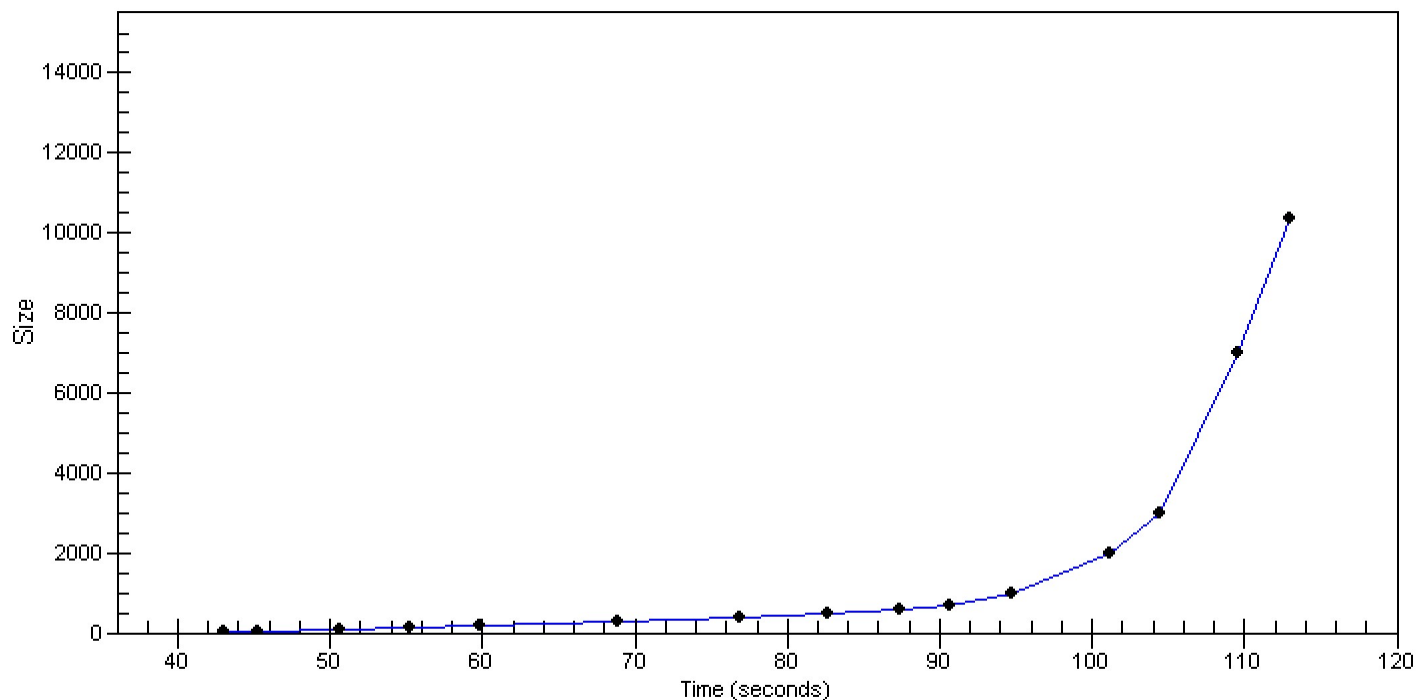


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-05\2013-04-05_003.xad

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Curves

Standard Curve



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-05\2013-04-05_003.xad

Created: 4/5/2013 3:21:15 PM
 Modified: 4/5/2013 4:10:08 PM

Run Logbook

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run ended on port 1 (Number of wells acquired: 12)		Instrument	Run		4/5/2013 4:02:32 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Documents and Settings\Bioanalyzer\2013-04-05\2013-04-05_003.xad)		Instrument	Run		4/5/2013 3:21:20 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938B		Instrument	Run		4/5/2013 3:21:20 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		4/5/2013 3:21:20 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		4/5/2013 3:21:20 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE13701086		Instrument	Run		4/5/2013 3:21:20 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		4/5/2013 3:21:20 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		4/5/2013 3:21:20 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1