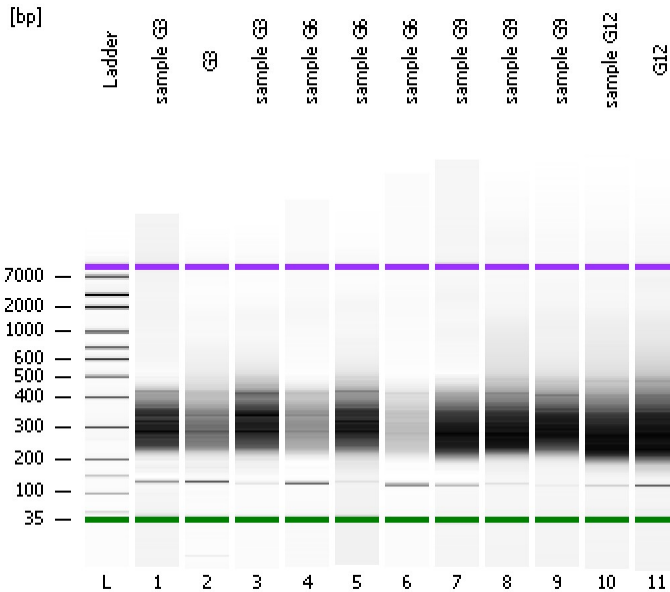


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2016-04-20\2016-04-20_005.xad

Created: 4/20/2016 4:11:18 PM
Modified: 4/20/2016 4:54:31 PM

Electrophoresis File Run Summary



Instrument Information:

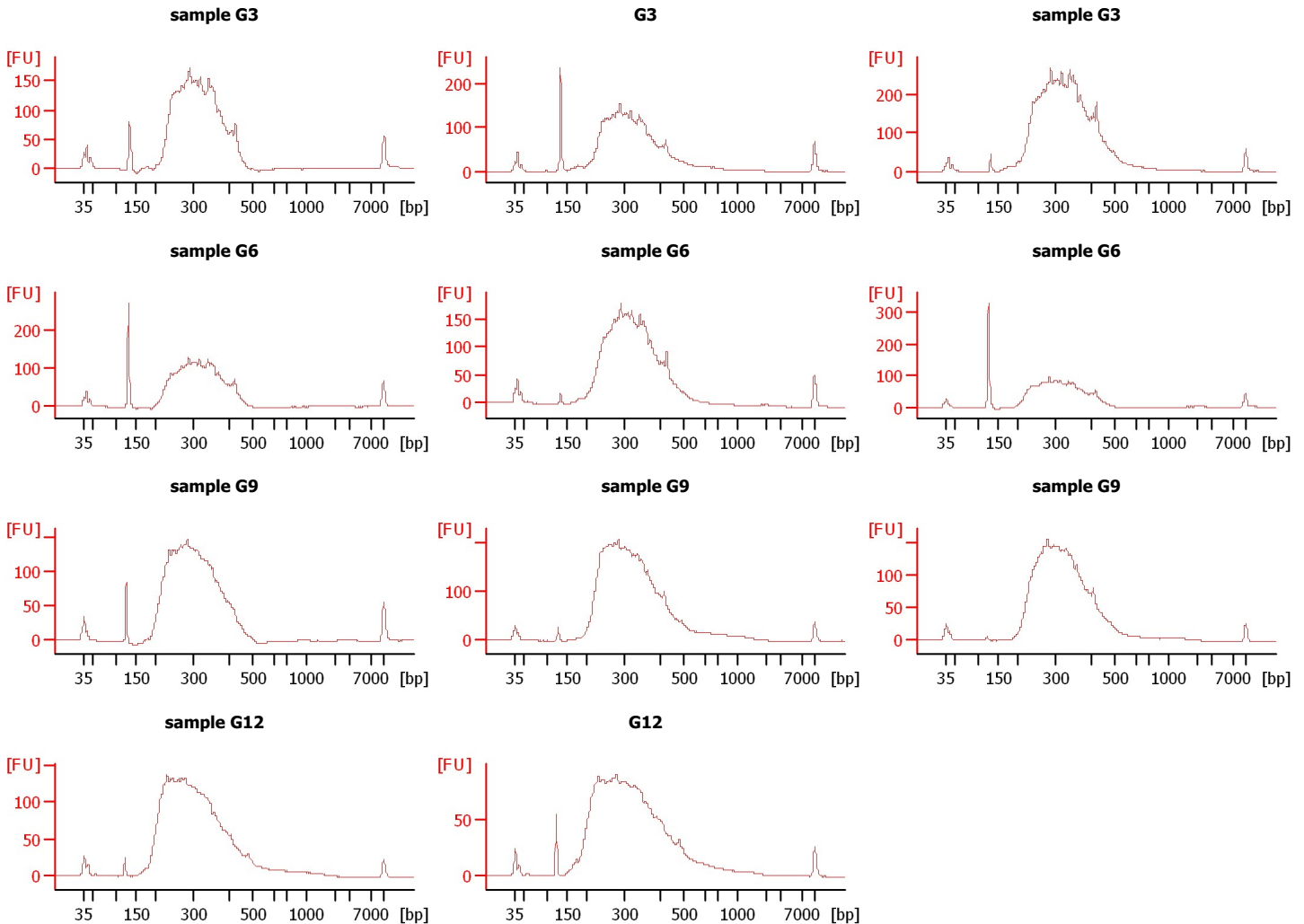
Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

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:



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-04-20\2016-04-20_005.xad

Created: 4/20/2016 4:11:18 PM
 Modified: 4/20/2016 4:54:31 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
sample G3		<input type="checkbox"/>	✓			
G3		<input type="checkbox"/>	✓			
sample G3		<input type="checkbox"/>	✓			
sample G6		<input type="checkbox"/>	✓			
sample G6		<input type="checkbox"/>	✓			
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sample G9		<input type="checkbox"/>	✓			
sample G9		<input type="checkbox"/>	✓			
sample G9		<input type="checkbox"/>	✓			
sample G12		<input type="checkbox"/>	✓			
G12		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2016-04-20\2016-04-20_005.xad

Created: 4/20/2016 4:11:18 PM
Modified: 4/20/2016 4:54:31 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

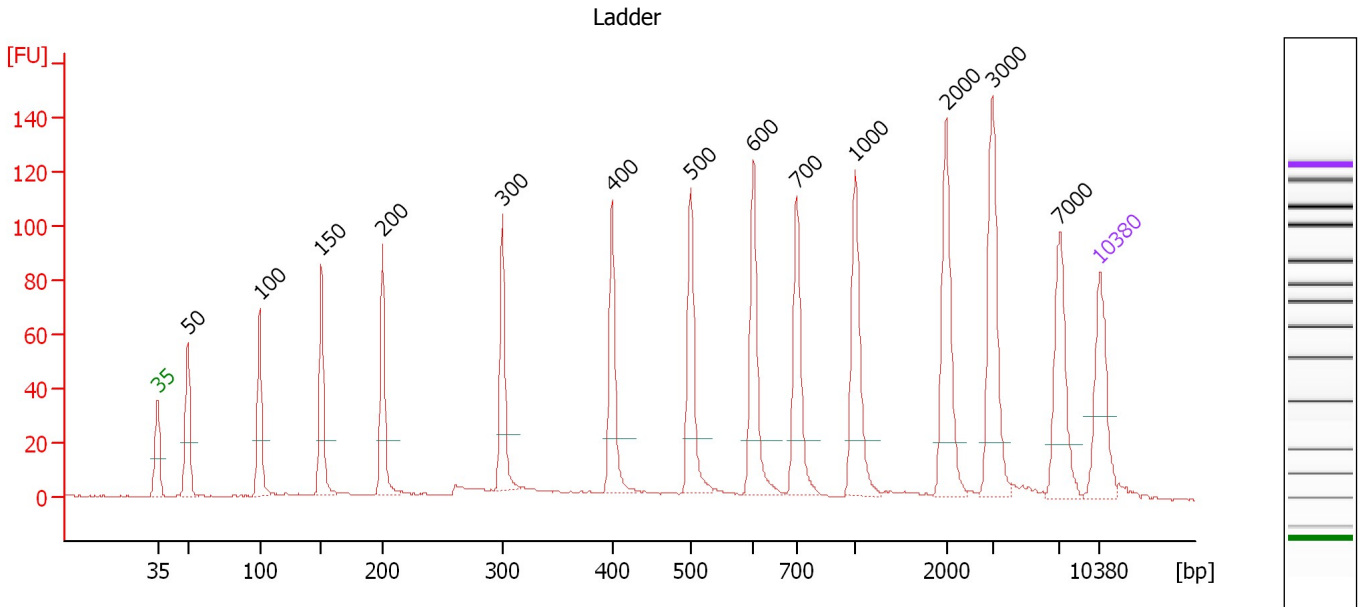
Ladder

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:\... bioanalyzer\2100 expert\data\2016-04-20\2016-04-20_005.xad

Created: 4/20/2016 4:11:18 PM
 Modified: 4/20/2016 4:54:31 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.2

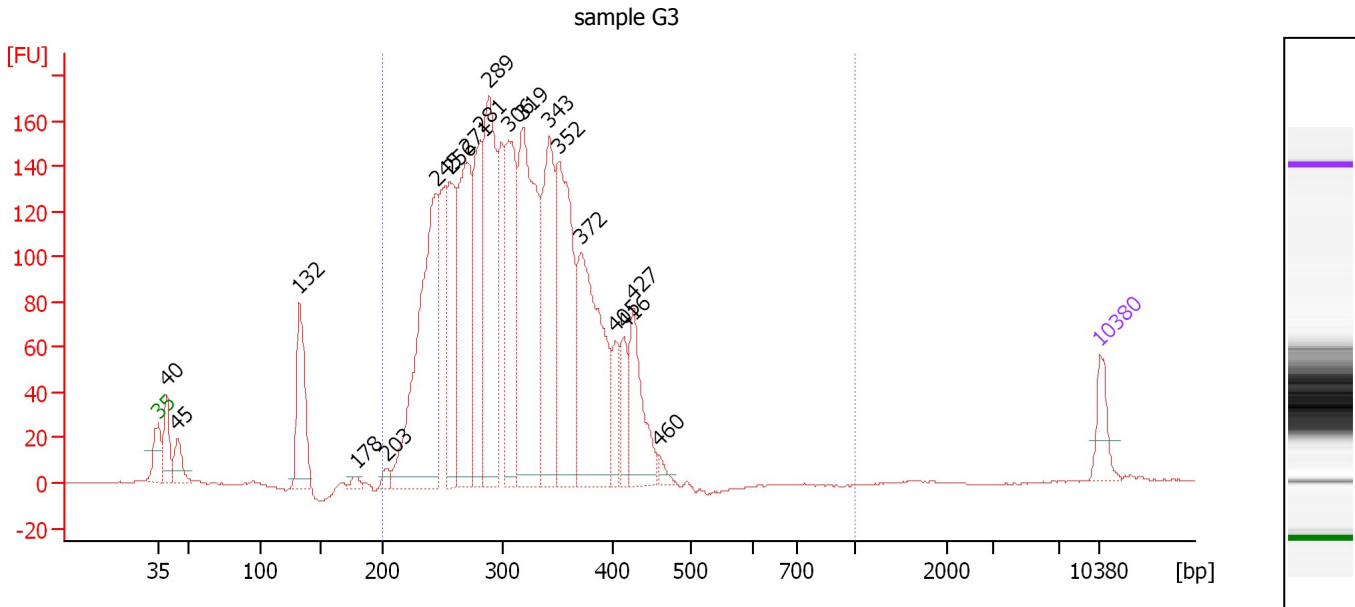
Peak table for Ladder

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	50	150.00	4,545.5	Ladder Peak	45.23
3	100	150.00	2,272.7	Ladder Peak	50.58
4	150	150.00	1,515.2	Ladder Peak	55.18
5	200	150.00	1,136.4	Ladder Peak	59.69
6	300	150.00	757.6	Ladder Peak	68.61
7	400	150.00	568.2	Ladder Peak	76.75
8	500	150.00	454.5	Ladder Peak	82.60
9	600	150.00	378.8	Ladder Peak	87.25
10	700	150.00	324.7	Ladder Peak	90.46
11	1,000	150.00	227.3	Ladder Peak	94.83
12	2,000	150.00	113.6	Ladder Peak	101.57
13	3,000	150.00	75.8	Ladder Peak	105.01
14	7,000	150.00	32.5	Ladder Peak	110.03
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-04-20\2016-04-20_005.xad

Created: 4/20/2016 4:11:18 PM
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Electropherogram Summary Continued ...



Overall Results for sample 1 : sample G3

Number of peaks found: 19 Corr. Area 1: 2,980.3
 Noise: 0.3

Peak table for sample 1 : sample G3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	40	159.73	6,109.6		43.69
3	45	110.75	3,742.6		44.46
4	132	359.52	4,128.6		53.52
5	178	23.30	198.1		57.72
6	203	29.53	220.3		59.96
7	245	1,011.90	6,268.3		63.67
8	256	447.62	2,645.3		64.72
9	271	636.05	3,559.8		66.00
10	281	413.13	2,223.8		66.96
11	289	757.67	3,970.0		67.64
12	306	522.14	2,584.5		69.11
13	319	863.43	4,100.6		70.16
14	343	568.07	2,507.9		72.12
15	352	677.11	2,917.6		72.81
16	372	684.70	2,789.8		74.46
17	405	113.43	424.7		77.02
18	416	113.49	413.8		77.66
19	427	268.17	950.9		78.34
20	460	26.89	88.6		80.26
21	10,380	75.00	10.9	Upper Marker	113.00

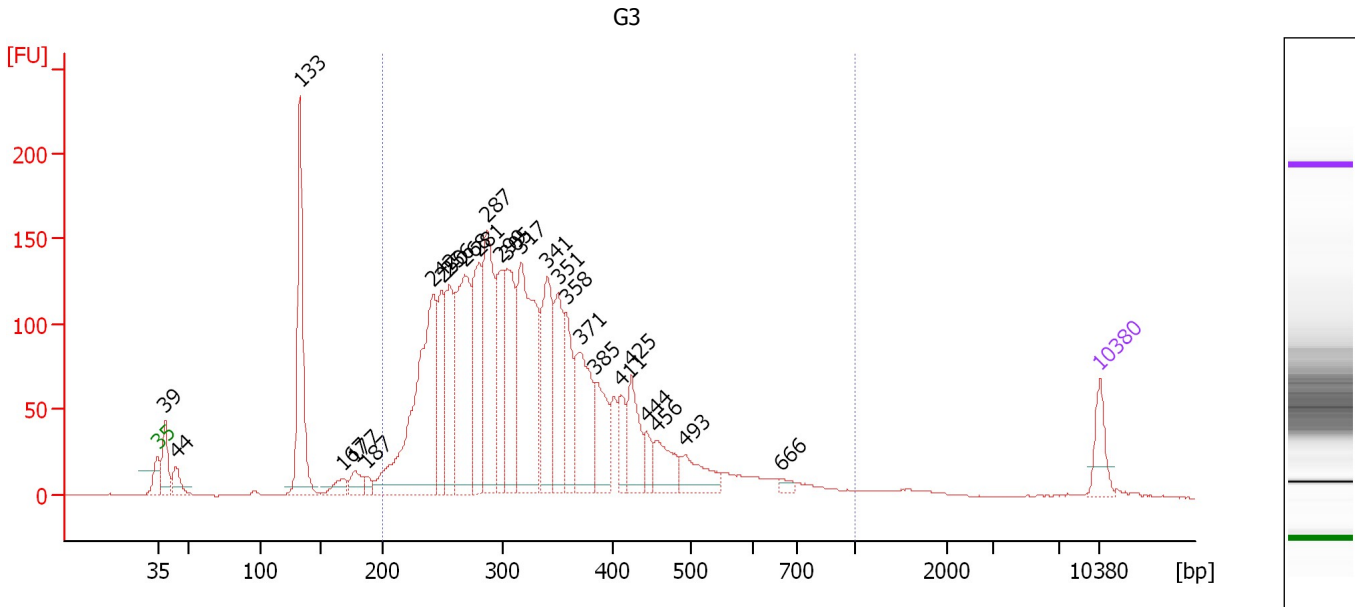
Region table for sample 1 : sample G3

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	316	2,980.3	38,346.8	7,667.61	94	17.6

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-04-20\2016-04-20_005.xad

Created: 4/20/2016 4:11:18 PM
 Modified: 4/20/2016 4:54:31 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : G3

Number of peaks found: 26 Corr. Area 1: 2,954.7
 Noise: 0.3

Peak table for sample 2 : G3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	39	149.05	5,845.5		43.54
3	44	76.91	2,643.4		44.35
4	133	572.76	6,539.8		53.59
5	167	49.79	450.9		56.74
6	177	60.13	513.8		57.64
7	187	29.01	234.7		58.54
8	242	858.67	5,372.2		63.45
9	250	252.46	1,531.6		64.13
10	256	313.73	1,858.2		64.67
11	268	549.42	3,101.3		65.79
12	281	343.82	1,856.9		66.87
13	287	489.63	2,584.0		67.46
14	299	248.87	1,260.2		68.54
15	305	355.17	1,766.3		68.99
16	317	637.86	3,050.2		69.98
17	341	343.37	1,524.7		71.96
18	351	248.72	1,074.8		72.73
19	358	192.50	813.8		73.36
20	371	312.16	1,274.4		74.40
21	385	186.13	732.6		75.52
22	411	89.48	329.5		77.41
23	425	170.57	608.8		78.18
24	444	59.29	202.4		79.31
25	456	120.47	400.2		80.03

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-04-20\2016-04-20_005.xad

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 Modified: 4/20/2016 4:54:31 PM

Electropherogram Summary Continued ...

... Peak table for sample 2 : G3

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	493	116.15	357.0		82.19
27	666	16.33	37.2		89.35
28	10,380	75.00	10.9	Upper Marker	113.00

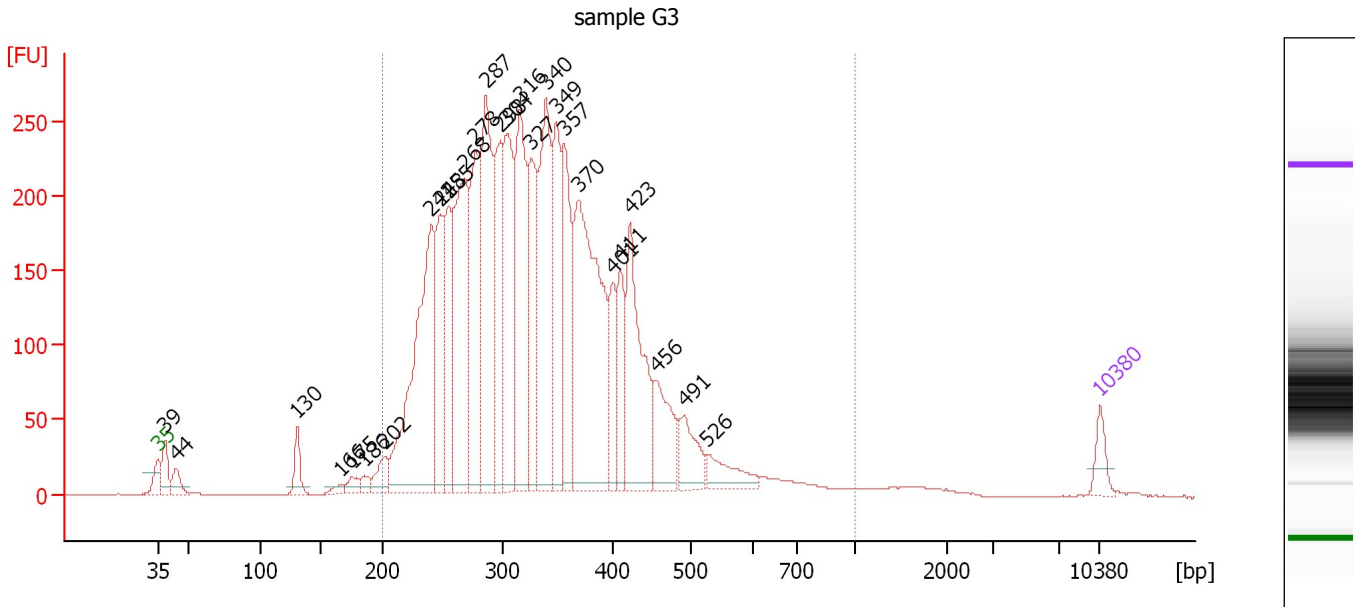
Region table for sample 2 : G3

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/ μ l]	% of Total	Size distribution in CV [%]
200	1,000	340	2,954.7	31,213.8	6,381.66	87	30.8

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-04-20\2016-04-20_005.xad

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 Modified: 4/20/2016 4:54:31 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : sample G3

Number of peaks found: 27 Corr. Area 1: 5,498.3
 Noise: 0.3

Peak table for sample 3 : sample G3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	39	158.70	6,210.9		43.55
3	44	100.55	3,440.0		44.38
4	130	129.01	1,500.5		53.36
5	166	32.31	295.6		56.59
6	175	57.39	496.0		57.46
7	186	45.97	375.5		58.38
8	202	123.54	927.1		59.86
9	241	1,460.07	9,175.2		63.36
10	248	531.46	3,249.3		63.95
11	255	499.74	2,968.9		64.60
12	268	1,111.36	6,272.4		65.80
13	278	719.76	3,926.4		66.63
14	287	1,046.79	5,535.5		67.41
15	298	593.05	3,011.4		68.47
16	304	801.47	3,988.5		68.97
17	316	870.19	4,167.8		69.94
18	327	599.94	2,783.7		70.77
19	340	909.20	4,050.1		71.88
20	349	617.02	2,677.3		72.61
21	357	601.72	2,557.0		73.21
22	370	1,437.42	5,893.1		74.27
23	401	254.10	960.1		76.80
24	411	279.55	1,030.0		77.40
25	423	718.64	2,574.1		78.09

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-04-20\2016-04-20_005.xad

Created: 4/20/2016 4:11:18 PM
 Modified: 4/20/2016 4:54:31 PM

Electropherogram Summary Continued ...

... Peak table for sample 3 : sample G3

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	456	346.58	1,151.5		80.03
27	491	220.25	679.1		82.10
28	526	159.70	460.2		83.80
29	10,380	75.00	10.9	Upper Marker	113.00

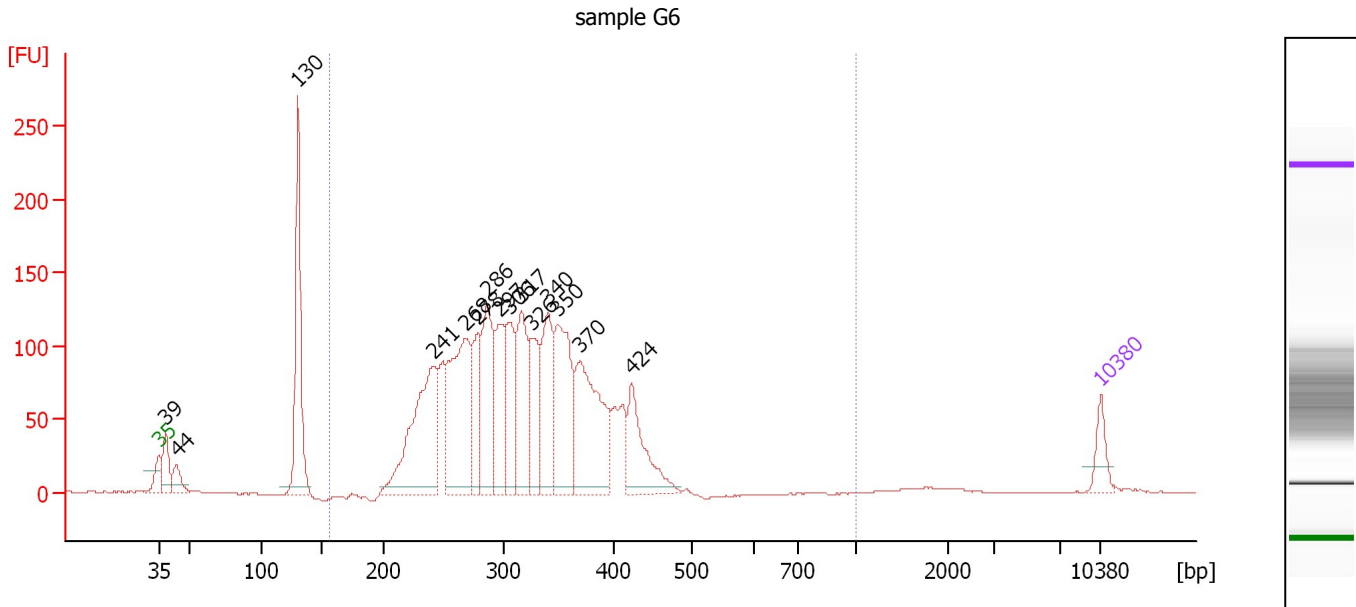
Region table for sample 3 : sample G3

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/ μ l]	% of Total	Size distribution in CV [%]
200	1,000	342	5,498.3	69,009.0	14,385.39	95	27.3

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-04-20\2016-04-20_005.xad

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 Modified: 4/20/2016 4:54:31 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : sample G6

Number of peaks found: 15 Corr. Area 1: 2,340.6
 Noise: 0.2

Peak table for sample 4 : sample G6

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	39	168.10	6,613.7		43.52
3	44	97.20	3,352.0		44.33
4	130	736.27	8,575.2		53.35
5	241	790.06	4,963.9		63.36
6	268	747.06	4,219.2		65.78
7	278	252.88	1,376.4		66.68
8	286	463.54	2,452.7		67.39
9	297	318.12	1,623.0		68.34
10	306	311.90	1,544.2		69.10
11	317	419.47	2,007.8		69.96
12	326	271.15	1,258.5		70.76
13	340	391.41	1,741.9		71.90
14	350	517.83	2,243.0		72.66
15	370	595.24	2,436.1		74.32
16	424	311.74	1,113.3		78.17
17	10,380	75.00	10.9	Upper Marker	113.00

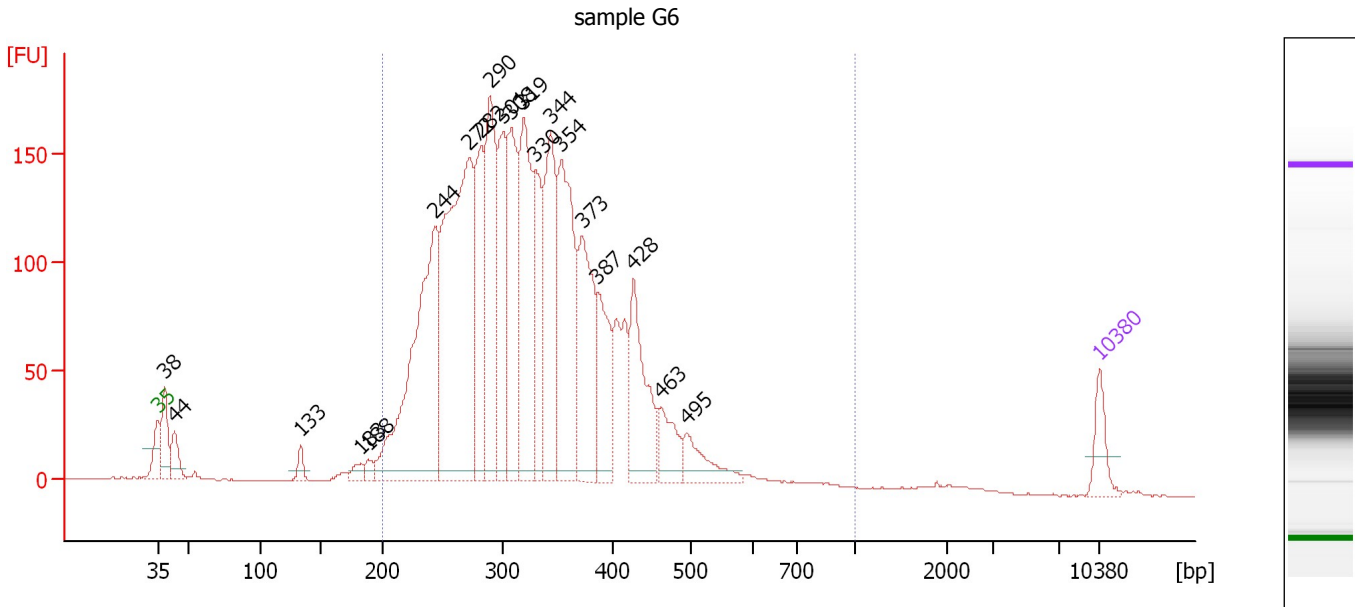
Region table for sample 4 : sample G6

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
156	1,000	318	2,340.6	28,448.3	5,716.03	88	18.4

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-04-20\2016-04-20_005.xad

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Electropherogram Summary Continued ...



Overall Results for sample 5 : sample G6

Number of peaks found: 20 Corr. Area 1: 3,384.4
 Noise: 0.2

Peak table for sample 5 : sample G6

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	38	172.77	6,835.3		43.49
3	44	108.00	3,755.2		44.28
4	133	44.36	506.1		53.60
5	183	38.11	316.4		58.11
6	188	35.20	283.0		58.65
7	244	1,126.82	7,000.6		63.60
8	272	1,357.64	7,549.7		66.15
9	282	398.87	2,140.4		67.04
10	290	610.44	3,194.8		67.67
11	301	458.93	2,313.6		68.66
12	308	477.00	2,343.6		69.29
13	319	613.72	2,912.8		70.18
14	330	307.99	1,413.7		71.06
15	344	508.18	2,238.5		72.19
16	354	658.46	2,821.3		72.97
17	373	451.42	1,834.1		74.54
18	387	269.53	1,055.8		75.67
19	428	358.69	1,270.6		78.37
20	463	138.43	453.1		80.43
21	495	128.09	392.3		82.29
22	10,380	75.00	10.9	Upper Marker	113.00


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2016-04-20\2016-04-20_005.xad

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Modified: 4/20/2016 4:54:31 PM

Electropherogram Summary Continued ...

... Region table for sample 5 :

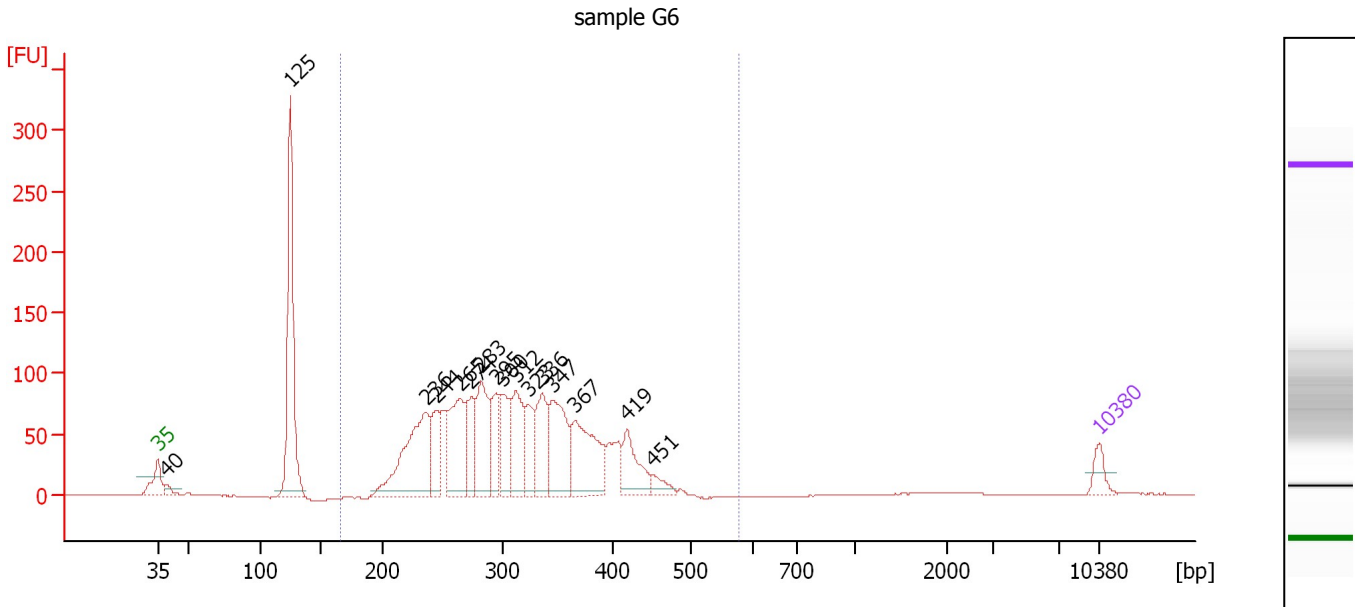
sample G6

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	333	3,384.4	41,188.8	 8,437.08	94	25.2

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-04-20\2016-04-20_005.xad

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 Modified: 4/20/2016 4:54:31 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : sample G6

Number of peaks found: 16 Corr. Area 1: 1,686.4
 Noise: 0.2

Peak table for sample 6 : sample G6

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	40	53.29	2,029.3		43.71
3	125	1,278.78	15,511.1		52.87
4	236	862.13	5,523.8		62.94
5	244	252.07	1,562.3		63.65
6	265	546.86	3,126.9		65.49
7	274	292.96	1,619.4		66.30
8	283	464.03	2,487.5		67.06
9	295	267.45	1,375.4		68.13
10	300	303.18	1,529.4		68.64
11	312	385.53	1,870.8		69.61
12	323	238.53	1,117.2		70.52
13	336	351.55	1,585.3		71.54
14	347	488.15	2,133.7		72.40
15	367	554.43	2,291.1		74.03
16	419	271.80	983.3		77.85
17	451	79.11	265.8		79.73
18	10,380	75.00	10.9	Upper Marker	113.00

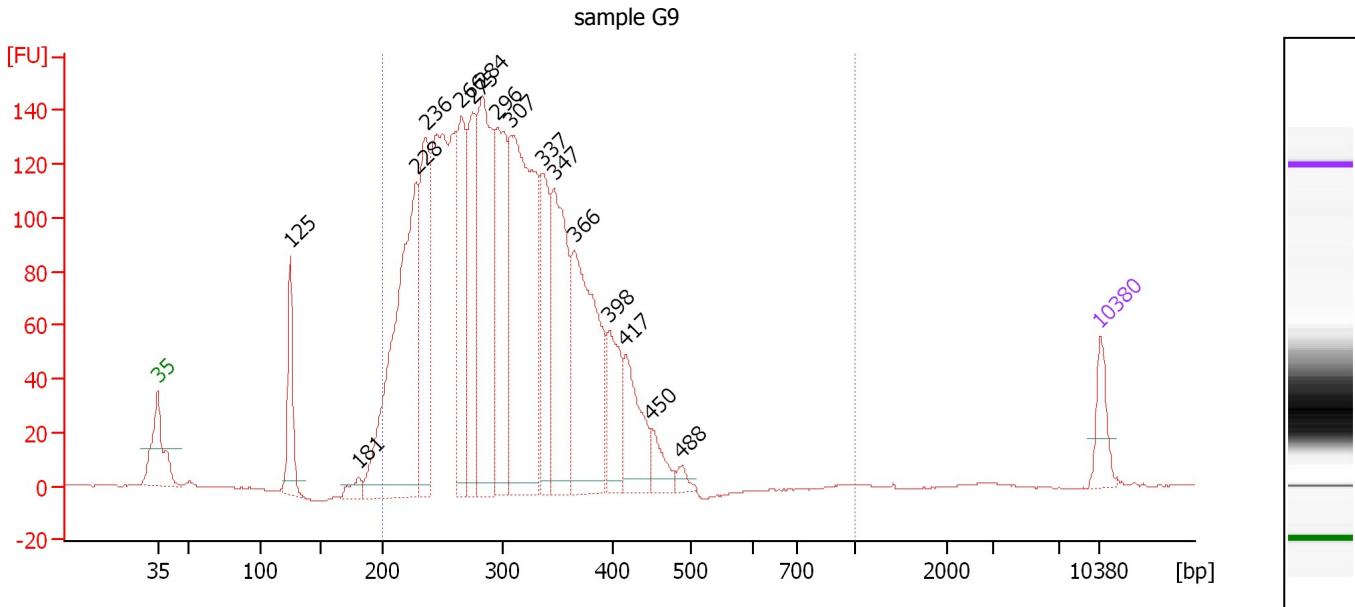
Region table for sample 6 : sample G6

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. [pg/μl]	% of Total	Size distribution in CV [%]
166	576	314	1,686.4	28,896.2	5,694.07	84	19.6

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-04-20\2016-04-20_005.xad

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 Modified: 4/20/2016 4:54:31 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : sample G9

Number of peaks found: 16 Corr. Area 1: 2,741.6
 Noise: 0.2

Peak table for sample 7 : sample G9

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	125	245.74	2,978.1		52.88
3	181	44.91	376.4		57.95
4	228	1,099.68	7,310.7		62.18
5	236	512.18	3,285.5		62.92
6	266	456.94	2,604.7		65.56
7	275	424.07	2,334.2		66.40
8	284	720.00	3,847.2		67.14
9	296	553.69	2,834.3		68.25
10	307	1,077.21	5,311.4		69.20
11	337	305.00	1,373.3		71.58
12	347	529.59	2,313.0		72.43
13	366	648.24	2,685.4		73.96
14	398	210.48	802.1		76.55
15	417	229.42	832.8		77.76
16	450	77.97	262.6		79.66
17	488	27.73	86.1		81.88
18	10,380	75.00	10.9	Upper Marker	113.00

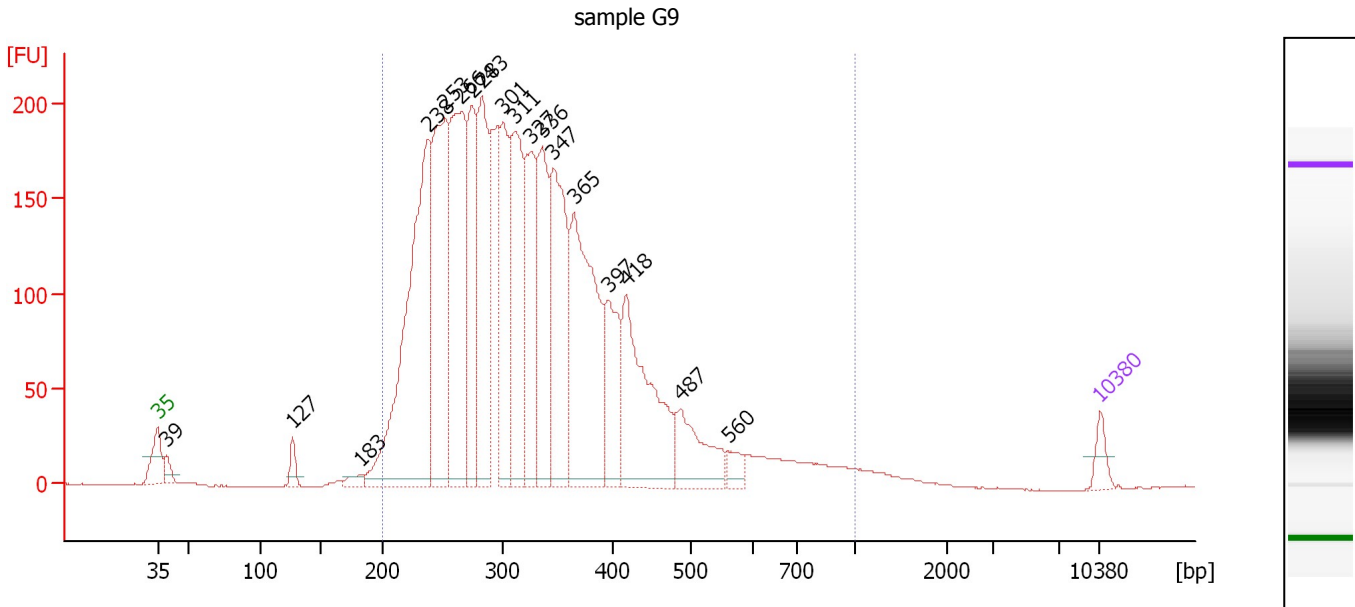
Region table for sample 7 : sample G9

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	304	2,741.6	39,608.2	7,573.05	96	20.0

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-04-20\2016-04-20_005.xad

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Electropherogram Summary Continued ...



Overall Results for sample 8 : sample G9

Number of peaks found: 18 Corr. Area 1: 4,309.8
 Noise: 0.1

Peak table for sample 8 : sample G9

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	39	86.02	3,309.9		43.65
3	127	100.62	1,202.7		53.04
4	183	62.98	521.9		58.14
5	238	2,292.59	14,595.2		63.08
6	253	1,533.36	9,197.8		64.38
7	266	1,530.85	8,720.9		65.57
8	274	789.34	4,357.2		66.33
9	283	1,068.58	5,721.2		67.09
10	301	763.20	3,845.7		68.67
11	311	1,080.37	5,257.3		69.53
12	327	761.86	3,533.3		70.78
13	336	781.47	3,523.5		71.54
14	347	1,055.56	4,612.8		72.41
15	365	1,439.54	5,969.2		73.93
16	397	481.23	1,837.8		76.48
17	418	1,028.73	3,731.4		77.78
18	487	424.15	1,319.0		81.85
19	560	87.49	236.8		85.38
20	10,380	75.00	10.9	Upper Marker	113.00

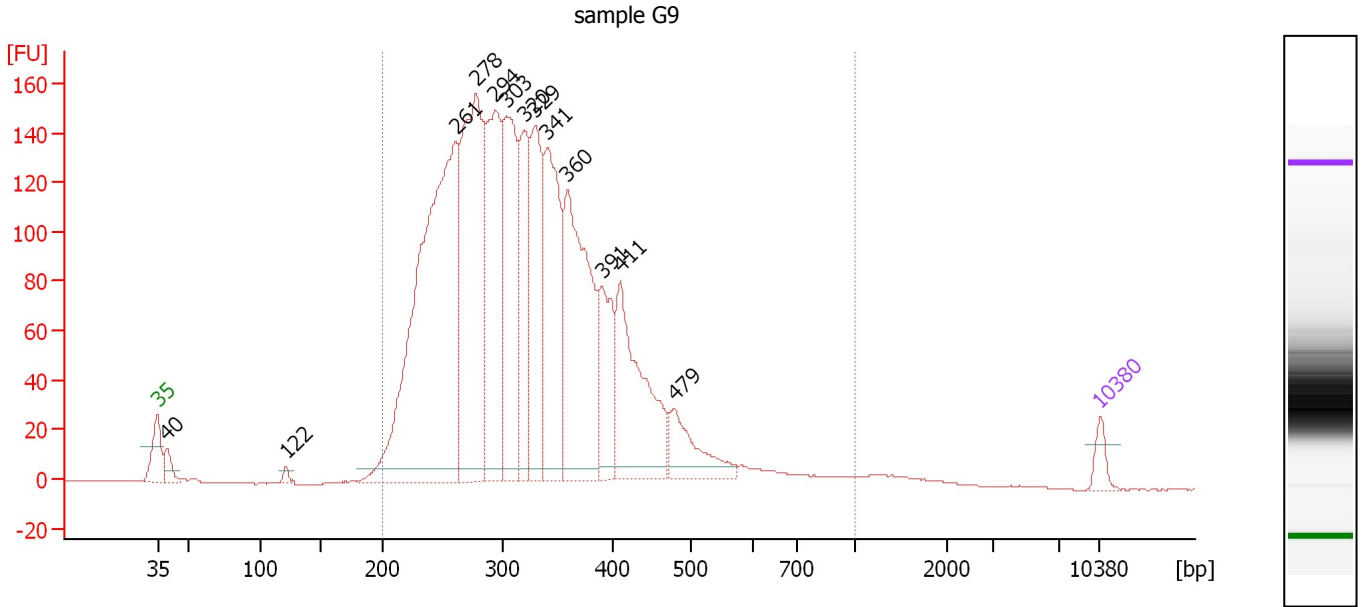
Region table for sample 8 : sample G9

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	340	4,309.8	80,931.9	16,384.38	95	33.4

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-04-20\2016-04-20_005.xad

Created: 4/20/2016 4:11:18 PM
 Modified: 4/20/2016 4:54:31 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : sample G9

Number of peaks found: 13 Corr. Area 1: 3,041.9
 Noise: 0.2

Peak table for sample 9 : sample G9

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	40	125.49	4,779.6		43.71
3	122	41.18	512.8		52.57
4	261	3,807.31	22,085.0		65.15
5	278	2,152.70	11,717.4		66.68
6	294	1,359.03	6,996.9		68.10
7	303	1,252.68	6,260.9		68.87
8	320	793.30	3,756.6		70.23
9	329	977.69	4,497.5		71.00
10	341	1,176.94	5,232.5		71.93
11	360	1,603.19	6,754.5		73.46
12	391	549.19	2,126.9		76.03
13	411	1,054.63	3,886.4		77.40
14	479	378.37	1,196.0		81.39
15	10,380	75.00	10.9	Upper Marker	113.00

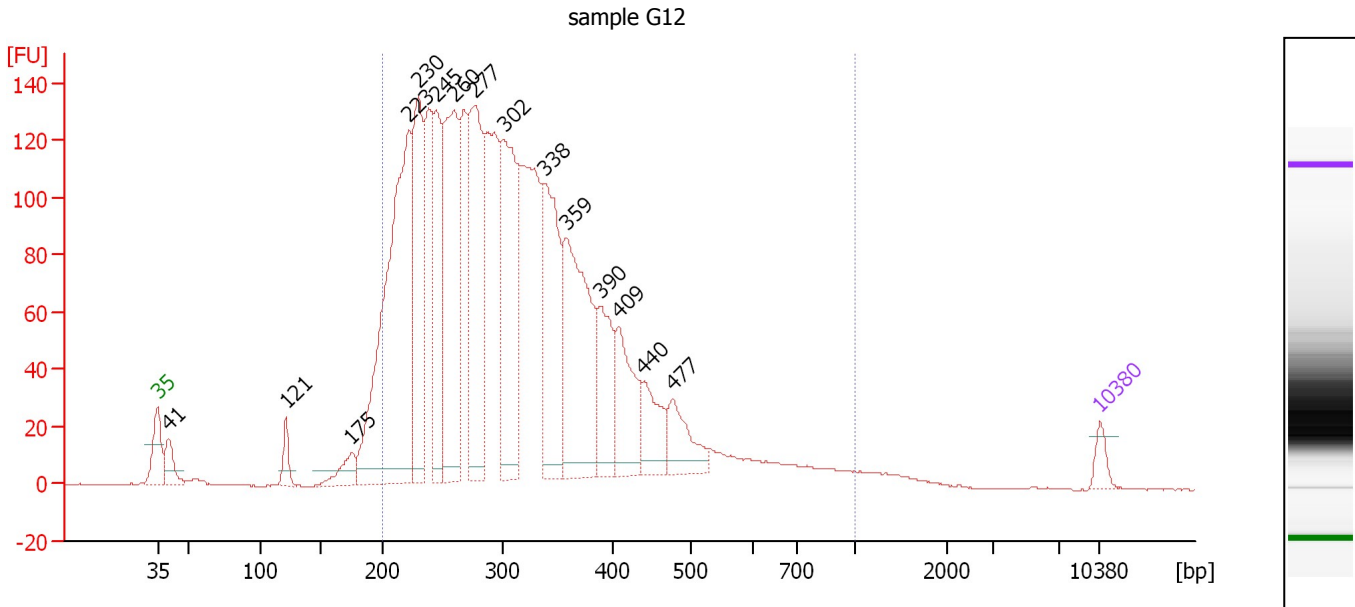
Region table for sample 9 : sample G9

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	334	3,041.9	77,810.1	15,820.88	96	28.7

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-04-20\2016-04-20_005.xad

Created: 4/20/2016 4:11:18 PM
 Modified: 4/20/2016 4:54:31 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : sample G12

Number of peaks found: 15 Corr. Area 1: 2,946.7
 Noise: 0.1

Peak table for sample 10 : sample G12

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	41	212.17	7,933.7		43.82
3	121	159.40	1,993.5		52.52
4	175	184.27	1,599.3		57.39
5	223	2,947.68	20,049.3		61.72
6	230	1,276.54	8,405.0		62.37
7	245	931.81	5,752.0		63.74
8	260	1,586.01	9,236.5		65.06
9	277	1,395.63	7,641.4		66.53
10	302	1,472.57	7,386.6		68.78
11	338	1,165.37	5,218.0		71.73
12	359	1,463.23	6,182.9		73.38
13	390	540.72	2,103.3		75.89
14	409	567.43	2,103.0		77.26
15	440	342.56	1,180.5		79.07
16	477	338.95	1,076.6		81.26
17	10,380	75.00	10.9	Upper Marker	113.00

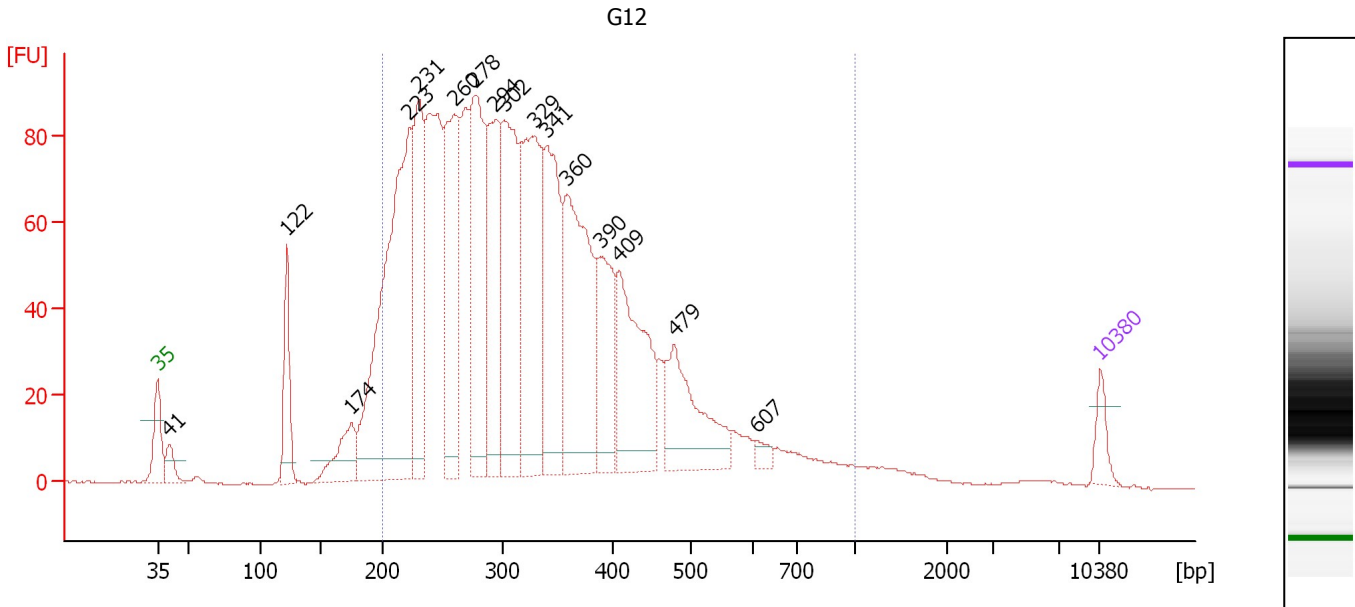
Region table for sample 10 : sample G12

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	326	2,946.7	100,019.8	19,380.02	92	34.2

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-04-20\2016-04-20_005.xad

Created: 4/20/2016 4:11:18 PM
 Modified: 4/20/2016 4:54:31 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : G12

Number of peaks found: 16 Corr. Area 1: 2,167.4
 Noise: 0.1

Peak table for sample 11 : G12

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	41	104.76	3,882.5		43.88
3	122	334.25	4,142.3		52.63
4	174	243.99	2,119.1		57.38
5	223	1,926.30	13,111.8		61.70
6	231	759.91	4,993.8		62.41
7	260	857.83	4,999.5		65.04
8	278	966.34	5,271.5		66.63
9	294	671.68	3,458.1		68.10
10	302	934.71	4,692.5		68.76
11	329	1,006.24	4,628.8		71.00
12	341	762.66	3,390.7		71.93
13	360	1,045.52	4,404.9		73.46
14	390	445.37	1,730.8		75.92
15	409	706.54	2,615.5		77.29
16	479	507.17	1,603.2		81.39
17	607	42.24	105.5		87.46
18	10,380	75.00	10.9	Upper Marker	113.00

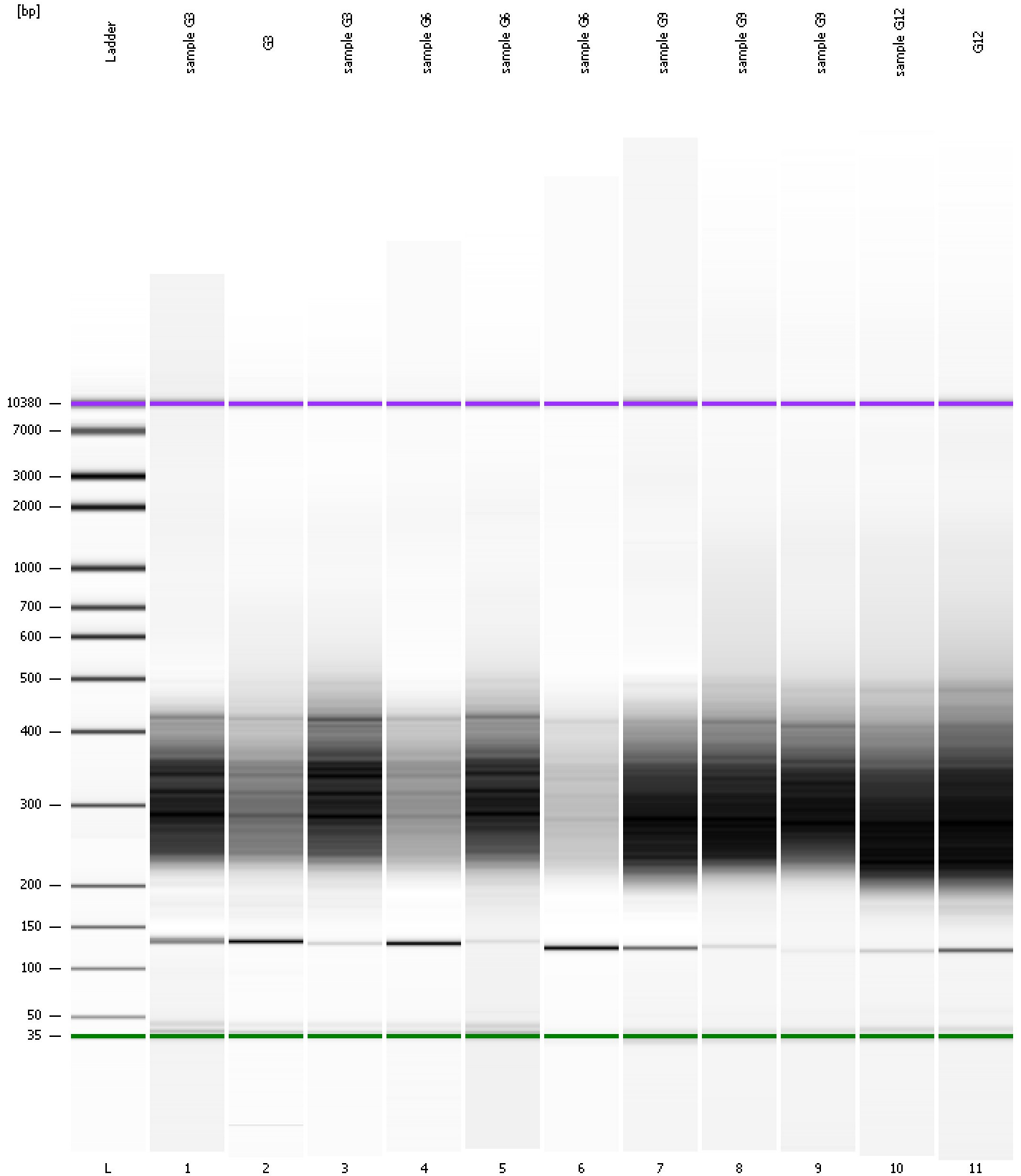
Region table for sample 11 : G12

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	340	2,167.4	64,976.0	12,949.80	89	34.9

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2016-04-20\2016-04-20_005.xad

Created: 4/20/2016 4:11:18 PM
Modified: 4/20/2016 4:54:31 PM

Gel Image

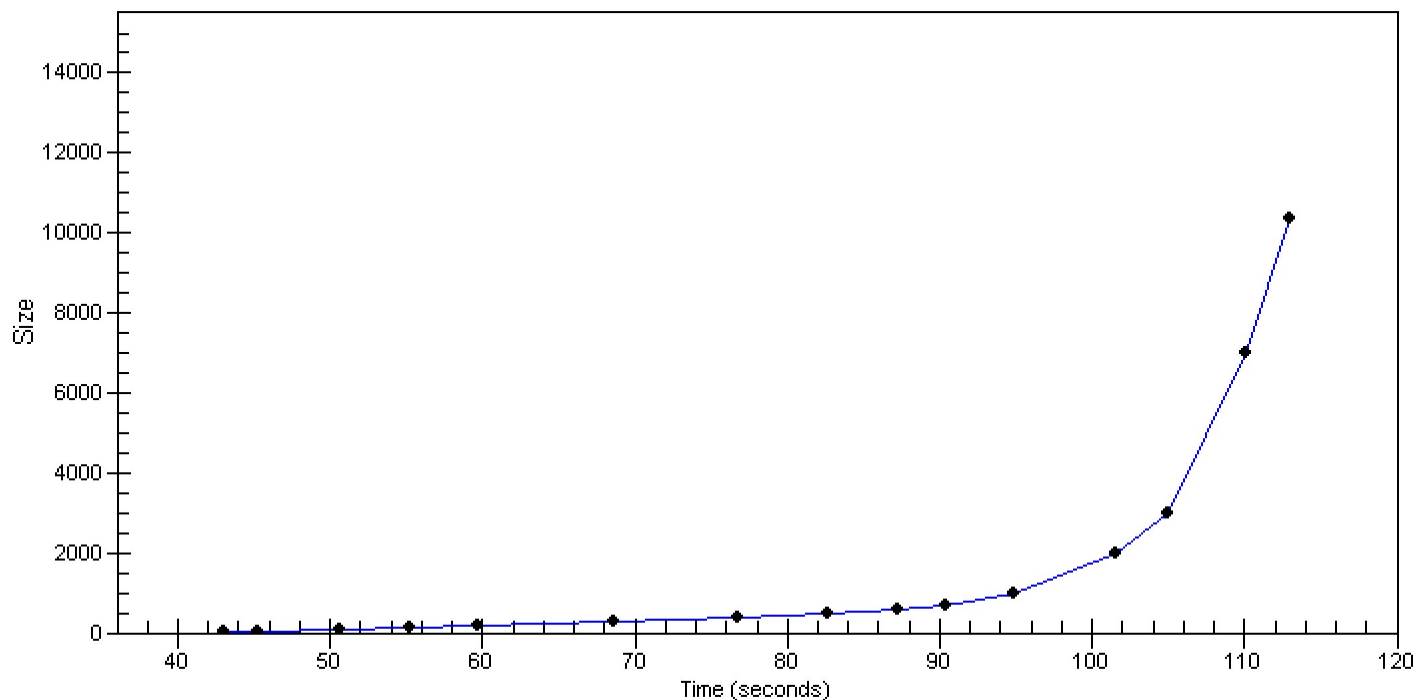


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2016-04-20\2016-04-20_005.xad

Created: 4/20/2016 4:11:18 PM
Modified: 4/20/2016 4:54:31 PM

Curves

Standard Curve



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-04-20\2016-04-20_005.xad

Created: 4/20/2016 4:11:18 PM
 Modified: 4/20/2016 4:54:31 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		4/20/2016 4:52:39 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\data\2016-04-20\2016-04-20_005.xad)		Instrument	Run		4/20/2016 4:11:23 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938B		Instrument	Run		4/20/2016 4:11:23 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		4/20/2016 4:11:23 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		4/20/2016 4:11:23 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE13701086		Instrument	Run		4/20/2016 4:11:23 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		4/20/2016 4:11:23 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		4/20/2016 4:11:23 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1