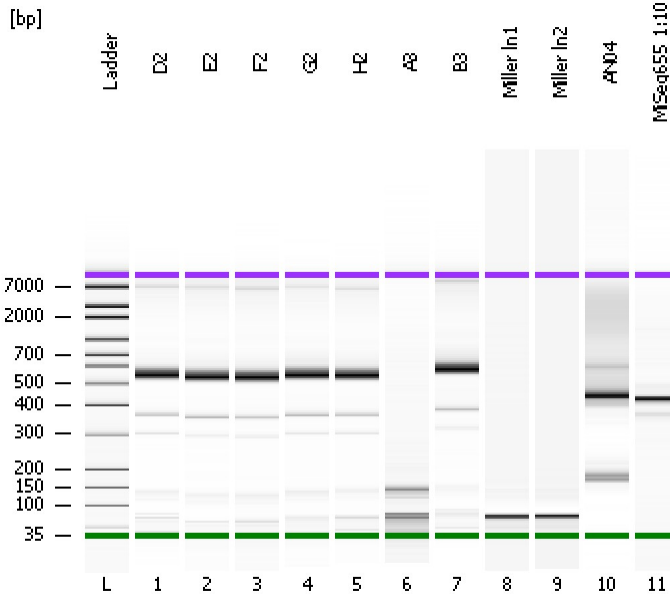


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-22\2018-03-22_002.xad

Created: 3/22/2018 8:21:02 AM
Modified: 3/22/2018 9:01:34 AM

Electrophoresis File Run Summary



Instrument Information:

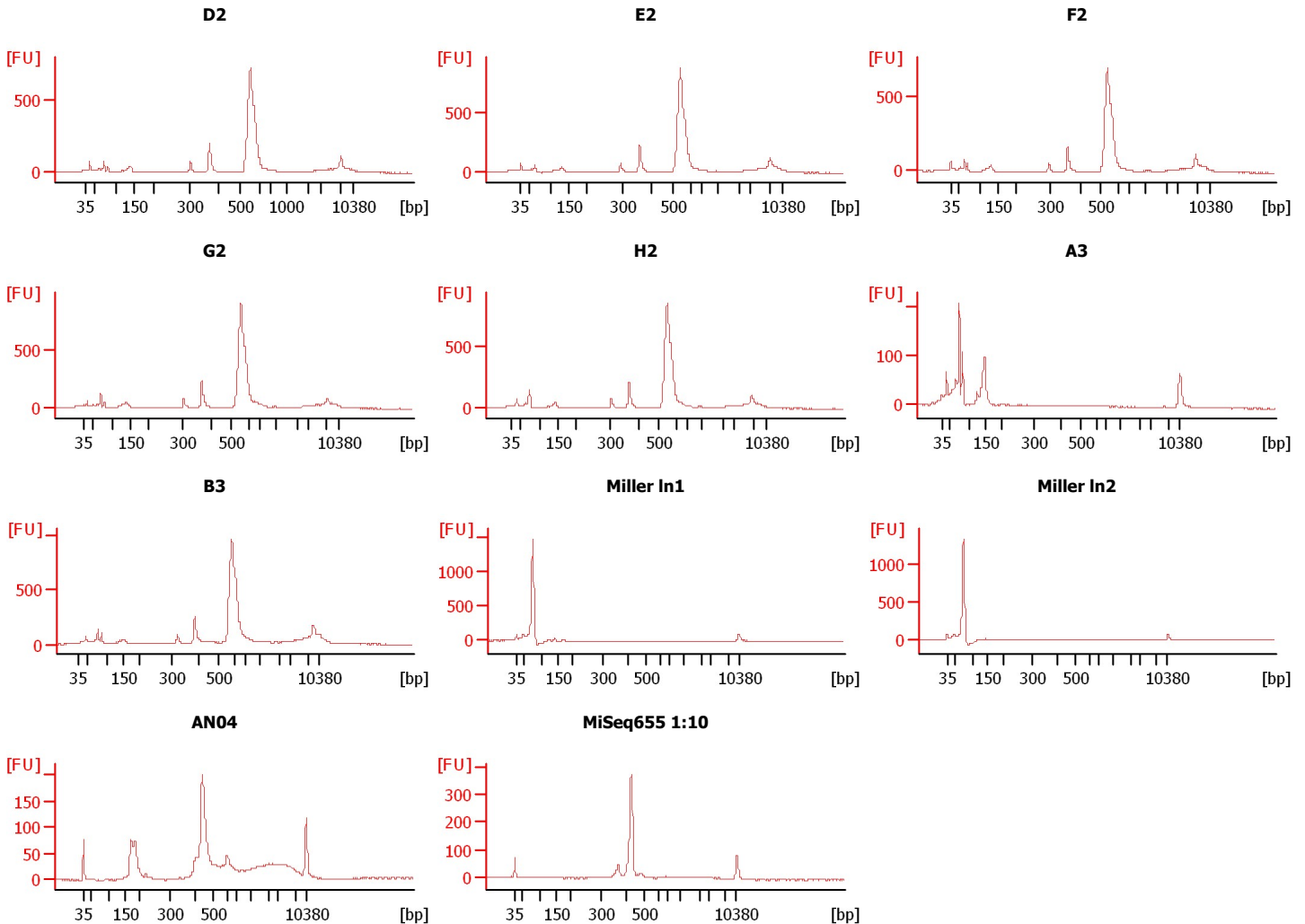
Instrument Name: DE34903152 Firmware: C.01.069
Serial#: DE34903152 Type: G2938C

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\2018-03-22\2018-03-22_002.xad

Created: 3/22/2018 8:21:02 AM
 Modified: 3/22/2018 9:01:34 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
D2		<input type="checkbox"/>	✓			
E2		<input type="checkbox"/>	✓			
F2		<input type="checkbox"/>	✓			
G2		<input type="checkbox"/>	✓			
H2		<input type="checkbox"/>	✓			
A3		<input type="checkbox"/>	✓			
B3		<input type="checkbox"/>	✓			
Miller In1		<input type="checkbox"/>	✓			
Miller In2		<input type="checkbox"/>	✓			
AN04		<input type="checkbox"/>	✓			
MiSeq655 1:10		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

Chip Lot #

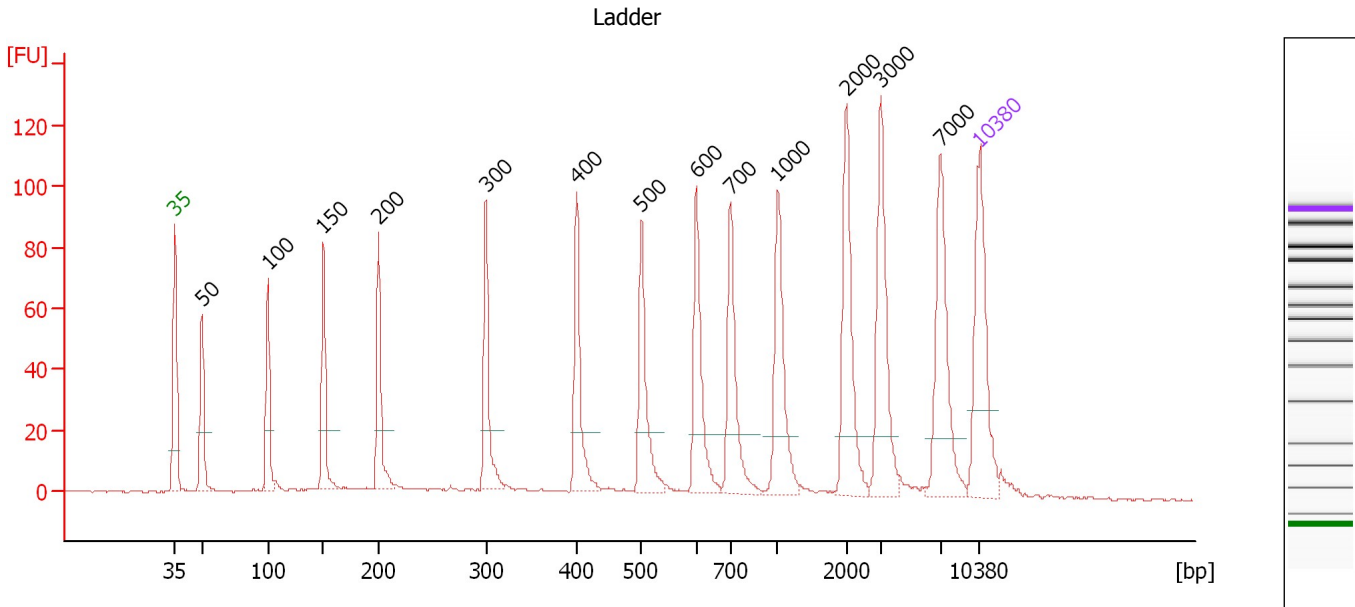
Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-22\2018-03-22_002.xad

Created: 3/22/2018 8:21:02 AM
 Modified: 3/22/2018 9:01:34 AM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.4

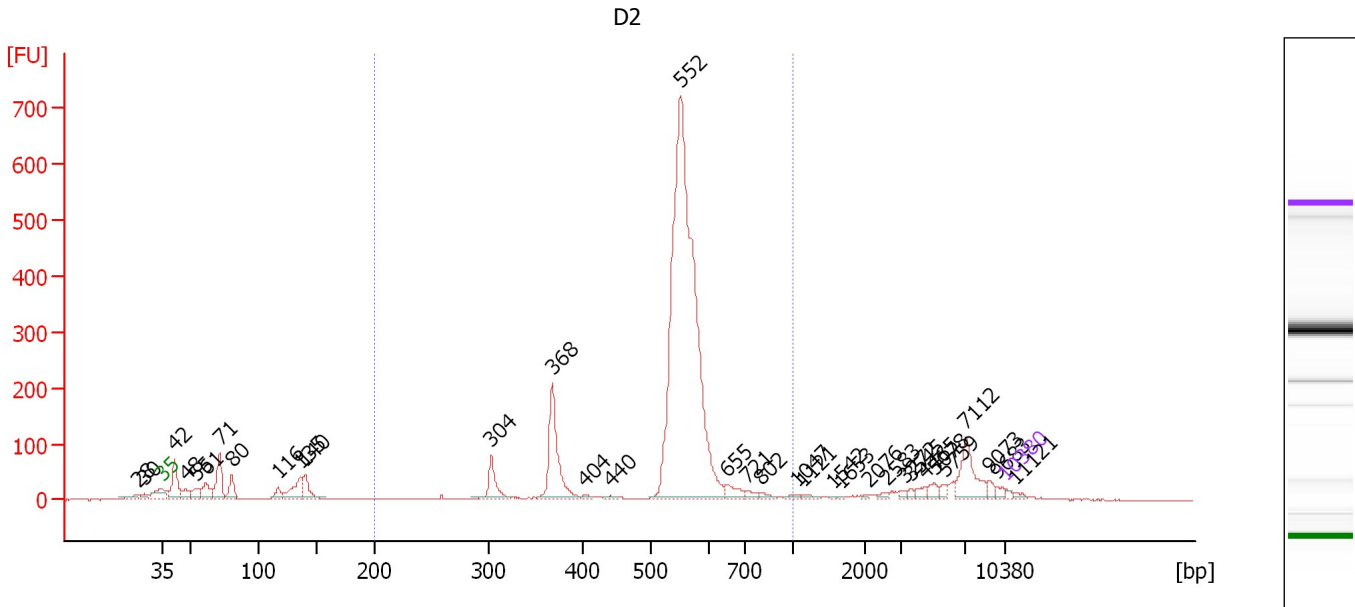
Peak table for Ladder

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	45.36
3	100	150.00	2,272.7	Ladder Peak	51.11
4	150	150.00	1,515.2	Ladder Peak	55.93
5	200	150.00	1,136.4	Ladder Peak	60.71
6	300	150.00	757.6	Ladder Peak	70.07
7	400	150.00	568.2	Ladder Peak	77.95
8	500	150.00	454.5	Ladder Peak	83.56
9	600	150.00	378.8	Ladder Peak	88.34
10	700	150.00	324.7	Ladder Peak	91.30
11	1,000	150.00	227.3	Ladder Peak	95.43
12	2,000	150.00	113.6	Ladder Peak	101.41
13	3,000	150.00	75.8	Ladder Peak	104.38
14	7,000	150.00	32.5	Ladder Peak	109.57
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-22\2018-03-22_002.xad

Created: 3/22/2018 8:21:02 AM
 Modified: 3/22/2018 9:01:34 AM

Electropherogram Summary Continued ...



Overall Results for sample 1 : D2

Number of peaks found: 34 Corr. Area 1: 2,494.0
 Noise: 0.5

Peak table for sample 1 : D2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	28	0.00	0.0		41.01
2	30	0.00	0.0		41.58
3	35	125.00	5,411.3	Lower Marker	43.00
4	42	1,290.00	46,521.3		44.11
5	48	440.80	14,023.7		44.99
6	55	455.08	12,490.0		45.96
7	61	654.06	16,150.7		46.67
8	71	1,239.94	26,326.9		47.82
9	80	632.50	11,948.2		48.84
10	116	321.42	4,187.6		52.68
11	135	901.03	10,105.0		54.50
12	140	686.64	7,447.8		54.94
13	304	805.23	4,016.0		70.37
14	368	2,280.23	9,394.3		75.41
15	404	69.47	260.8		78.15
16	440	72.22	248.8		80.19
17	552	16,249.14	44,635.0		86.03
18	655	348.90	807.4		89.96
19	721	133.70	280.8		91.60
20	802	109.81	207.5		92.70
21	1,047	88.30	127.8		95.71
22	1,121	95.64	129.3		96.15
23	1,542	22.15	21.8		98.67
24	1,653	22.72	20.8		99.34
25	2,076	34.04	24.8		101.64

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-22\2018-03-22_002.xad

Created: 3/22/2018 8:21:02 AM
 Modified: 3/22/2018 9:01:34 AM

Electropherogram Summary Continued ...

... Peak table for sample 1 : D2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	2,583	78.60	46.1		103.14
27	3,272	73.12	33.9		104.73
28	3,545	73.65	31.5		105.08
29	4,465	139.30	47.3		106.28
30	5,078	164.60	49.1		107.07
31	5,759	103.47	27.2		107.96
32	7,112	966.13	205.8		109.68
33	9,073	123.13	20.6		111.67
34	9,683	105.11	16.4		112.29
35	10,380	75.00	10.9	Upper Marker	113.00
36	11,121	0.00	0.0		113.75

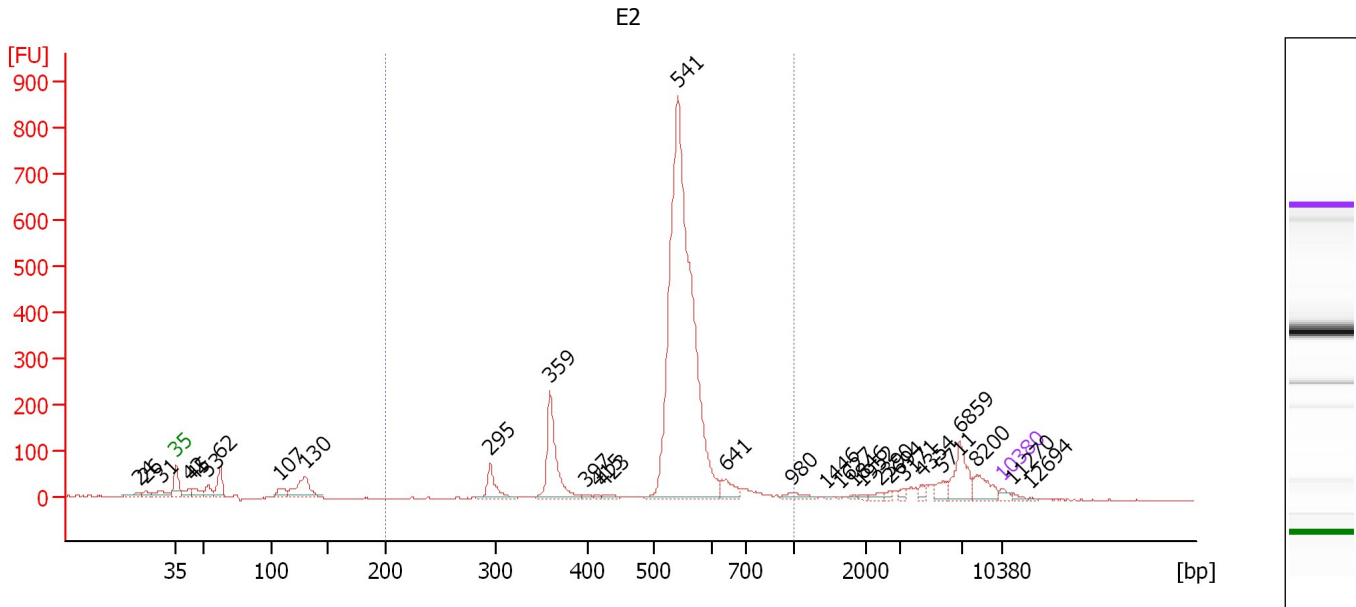
Region table for sample 1 : D2

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	537	2,494.0	21,084.39	63,363.2	70	17.3

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-22\2018-03-22_002.xad

Created: 3/22/2018 8:21:02 AM
Modified: 3/22/2018 9:01:34 AM

Electropherogram Summary Continued ...



Overall Results for sample 2 : E2

Number of peaks found: 30 Corr. Area 1: 2,825.1
Noise: 0.7

Peak table for sample 2 : E2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	24	0.00	0.0		39.84
2	26	0.00	0.0		40.43
3	31	0.00	0.0		41.78
4	35	125.00	5,411.3	Lower Marker	43.00
5	42	246.66	8,924.4		44.08
6	45	285.12	9,655.5		44.54
7	53	320.03	9,148.0		45.71
8	62	562.19	13,730.0		46.75
9	107	294.37	4,179.0		51.76
10	130	920.91	10,760.0		53.97
11	295	564.21	2,898.3		69.60
12	359	1,665.68	7,034.8		74.70
13	397	48.97	187.1		77.68
14	415	33.80	123.3		78.81
15	423	78.24	280.0		79.26
16	541	11,768.28	32,931.6		85.54
17	641	346.65	819.1		89.56
18	980	158.62	245.1		95.16
19	1,446	21.57	22.6		98.10
20	1,627	19.73	18.4		99.18
21	1,846	29.30	24.1		100.49
22	1,952	39.61	30.7		101.12
23	2,390	73.02	46.3		102.57
24	2,694	44.92	25.3		103.47
25	3,171	74.65	35.7		104.60

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-22\2018-03-22_002.xad


Created: 3/22/2018 8:21:02 AM
 Modified: 3/22/2018 9:01:34 AM

Electropherogram Summary Continued ...

... Peak table for sample 2 : E2

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	4,354	85.19	29.6		106.14
27	5,711	172.75	45.8		107.90
28	6,859	612.49	135.3		109.39
29	8,200	345.97	63.9		110.79
30	10,380	75.00	10.9	Upper Marker	113.00
31	11,270	0.00	0.0		113.90
32	12,694	0.00	0.0		115.35

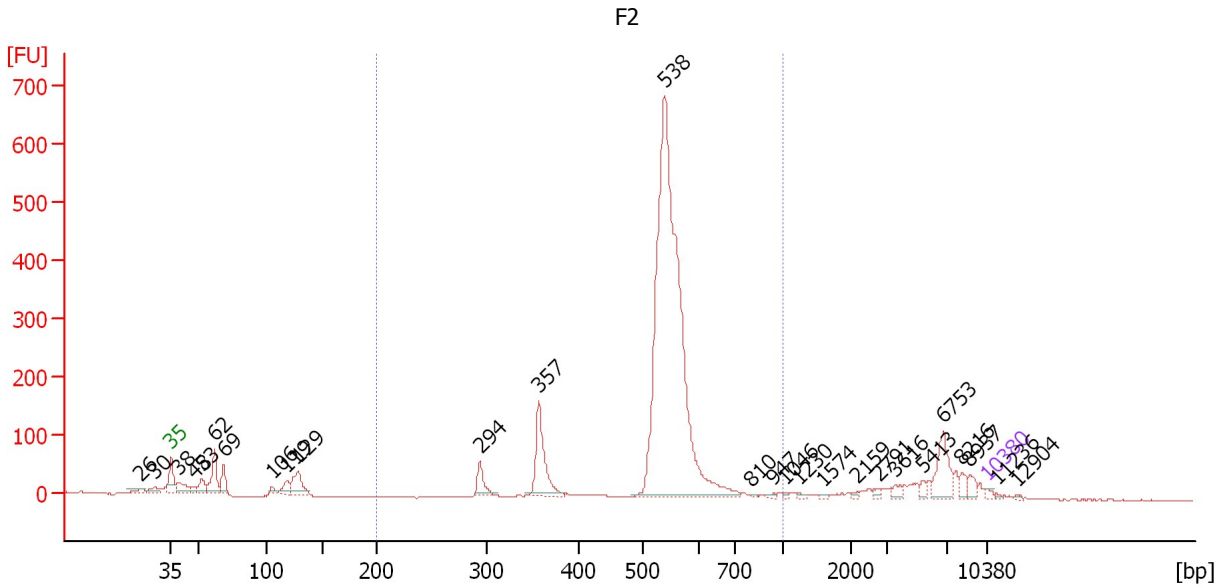
Region table for sample 2 : E2

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/ μ l]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	534	2,825.1	14,542.87	43,320.2	 77	15.9

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-22\2018-03-22_002.xad

Created: 3/22/2018 8:21:02 AM
 Modified: 3/22/2018 9:01:34 AM

Electropherogram Summary Continued ...



Overall Results for sample 3 : F2

Number of peaks found: 27 Corr. Area 1: 2,208.7
 Noise: 0.8

Peak table for sample 3 : F2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	26	0.00	0.0		40.44
2	30	0.00	0.0		41.63
3	35	125.00	5,411.3	Lower Marker	43.00
4	38	514.82	20,269.5		43.55
5	48	185.79	5,857.0		45.06
6	53	412.66	11,905.5		45.65
7	62	1,066.91	26,044.7		46.75
8	69	552.96	12,171.7		47.53
9	106	156.47	2,246.3		51.65
10	119	339.20	4,325.0		52.93
11	129	815.64	9,595.4		53.89
12	294	514.58	2,653.9		69.49
13	357	1,681.01	7,133.4		74.57
14	538	14,976.98	42,197.8		85.37
15	810	27.02	50.5		92.82
16	947	45.84	73.4		94.70
17	1,046	36.25	52.5		95.71
18	1,230	44.44	54.8		96.80
19	1,574	31.37	30.2		98.86
20	2,159	51.49	36.1		101.88
21	2,791	80.46	43.7		103.76
22	3,616	127.38	53.4		105.18
23	5,413	102.62	28.7		107.51
24	6,753	780.48	175.1		109.25
25	8,216	174.73	32.2		110.80

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-22\2018-03-22_002.xad

Created: 3/22/2018 8:21:02 AM
 Modified: 3/22/2018 9:01:34 AM

Electropherogram Summary Continued ...

... Peak table for sample 3 : F2

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	8,937	178.89	30.3		111.54
27	10,380	75.00	10.9	Upper Marker	113.00
28	11,236	0.00	0.0		113.87
29	12,904	0.00	0.0		115.56

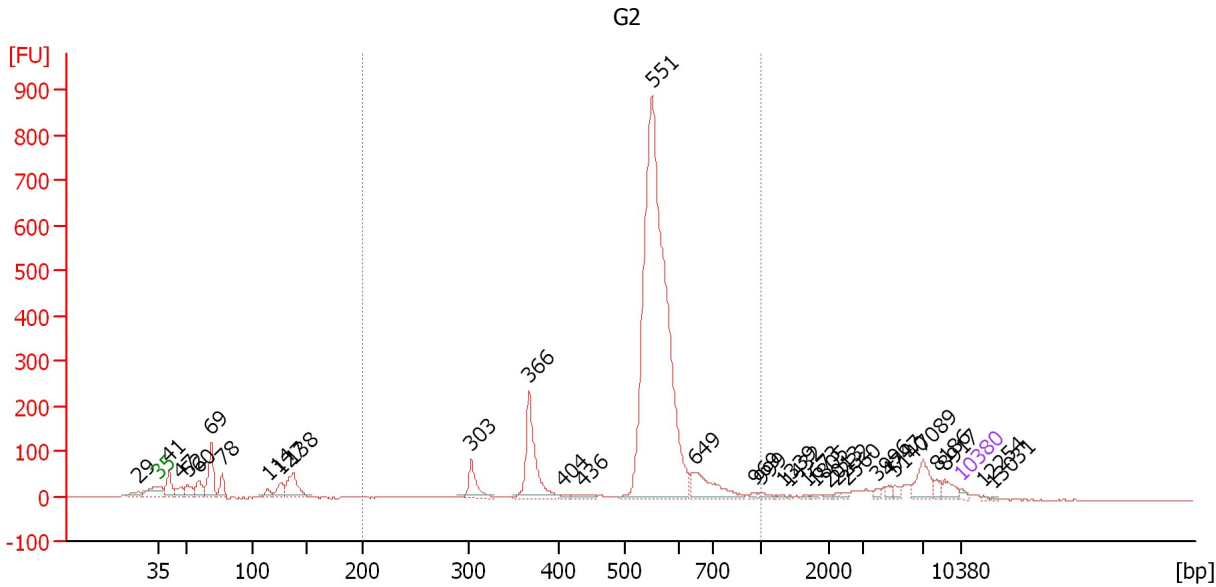
Region table for sample 3 : F2

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/ μ l]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	533	2,208.7	17,218.39	51,080.5	73	14.6

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-22\2018-03-22_002.xad

Created: 3/22/2018 8:21:02 AM
 Modified: 3/22/2018 9:01:34 AM

Electropherogram Summary Continued ...



Overall Results for sample 4 : G2

Number of peaks found: 33 Corr. Area 1: 3,106.8
 Noise: 1.2

Peak table for sample 4 : G2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	29	0.00	0.0		41.24
2	35	125.00	5,411.3	Lower Marker	43.00
3	41	850.19	31,506.2		43.93
4	47	361.39	11,633.7		44.90
5	52	508.54	14,924.4		45.55
6	60	597.57	15,064.8		46.53
7	69	1,482.40	32,372.7		47.59
8	78	494.06	9,615.0		48.57
9	114	240.66	3,184.9		52.51
10	127	475.43	5,693.8		53.67
11	138	1,104.51	12,163.7		54.74
12	303	808.98	4,050.9		70.28
13	366	2,334.99	9,662.2		75.29
14	404	69.52	260.9		78.16
15	436	170.02	590.9		79.97
16	551	16,257.54	44,698.6		86.00
17	649	1,158.42	2,702.4		89.81
18	969	55.77	87.2		95.00
19	999	100.09	151.8		95.42
20	1,339	44.67	50.5		97.46
21	1,432	24.94	26.4		98.02
22	1,673	39.56	35.8		99.45
23	1,805	40.61	34.1		100.24
24	2,013	44.22	33.3		101.45
25	2,232	39.78	27.0		102.10

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-22\2018-03-22_002.xad

Created: 3/22/2018 8:21:02 AM
 Modified: 3/22/2018 9:01:34 AM

Electropherogram Summary Continued ...

... Peak table for sample 4 : G2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	2,560	51.38	30.4		103.07
27	3,996	74.88	28.4		105.67
28	4,747	94.20	30.1		106.64
29	5,140	115.49	34.0		107.16
30	7,089	602.53	128.8		109.66
31	8,186	138.90	25.7		110.77
32	8,917	254.00	43.2		111.52
33	10,380	75.00	10.9	Upper Marker	113.00
34	12,254	0.00	0.0		114.90
35	13,031	0.00	0.0		115.69

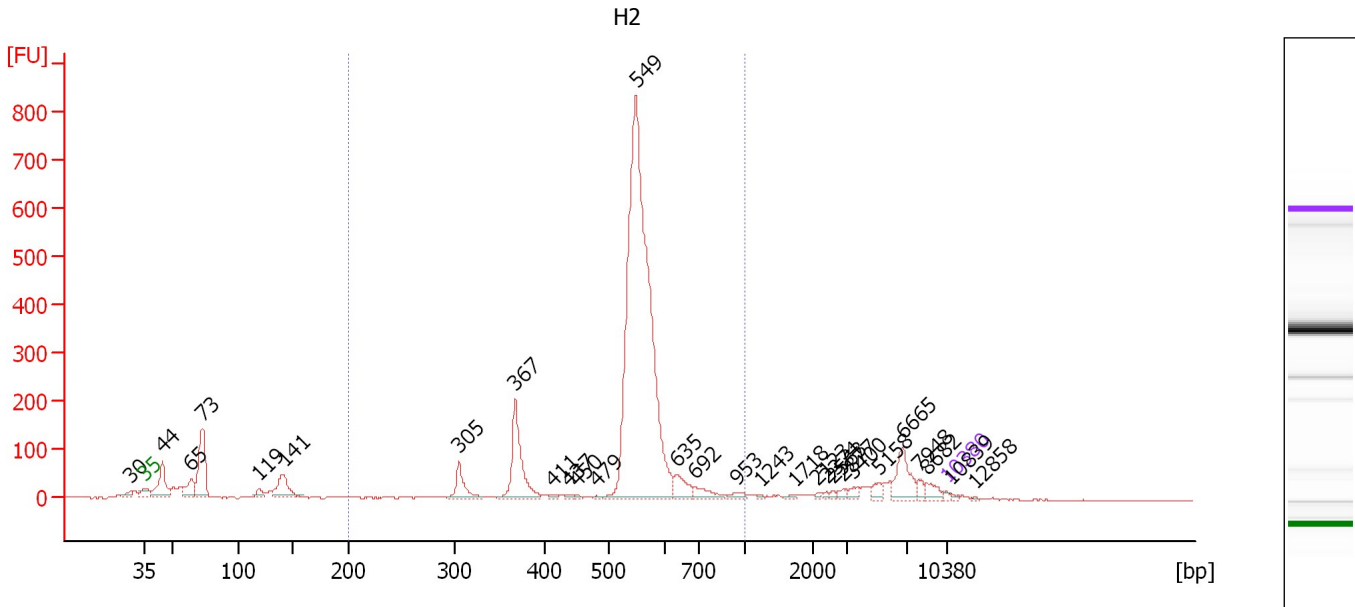
Region table for sample 4 : G2

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]
200	1,000	543	3,106.8	21,195.27	62,568.5	74	17.1

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-22\2018-03-22_002.xad

Created: 3/22/2018 8:21:02 AM
 Modified: 3/22/2018 9:01:34 AM

Electropherogram Summary Continued ...



Overall Results for sample 5 : H2

Number of peaks found: 29 Corr. Area 1: 2,850.3
 Noise: 1.2

Peak table for sample 5 : H2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	30	0.00	0.0		41.70
2	35	125.00	5,411.3	Lower Marker	43.00
3	44	2,282.38	77,788.9		44.49
4	65	1,241.86	29,091.3		47.05
5	73	3,648.64	75,536.2		48.03
6	119	412.38	5,240.5		52.97
7	141	1,773.05	18,992.5		55.11
8	305	1,190.64	5,923.4		70.43
9	367	3,236.71	13,377.0		75.32
10	411	111.63	411.3		78.58
11	437	111.85	387.9		80.03
12	450	59.74	201.0		80.77
13	479	66.21	209.3		82.40
14	549	23,495.47	64,864.4		85.89
15	635	828.72	1,976.2		89.39
16	692	562.80	1,232.5		91.06
17	953	226.11	359.3		94.79
18	1,243	62.67	76.4		96.89
19	1,718	92.04	81.2		99.73
20	2,123	70.83	50.5		101.78
21	2,374	78.56	50.1		102.52
22	2,563	97.40	57.6		103.08
23	2,877	154.93	81.6		104.01
24	3,400	210.20	93.7		104.90
25	5,158	251.14	73.8		107.18

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-22\2018-03-22_002.xad

Created: 3/22/2018 8:21:02 AM
 Modified: 3/22/2018 9:01:34 AM

Electropherogram Summary Continued ...

... Peak table for sample 5 : H2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	6,665	1,168.10	265.6		109.13
27	7,948	203.37	38.8		110.53
28	8,682	349.71	61.0		111.28
29	10,380	75.00	10.9	Upper Marker	113.00
30	10,839	0.00	0.0		113.47
31	12,858	0.00	0.0		115.51

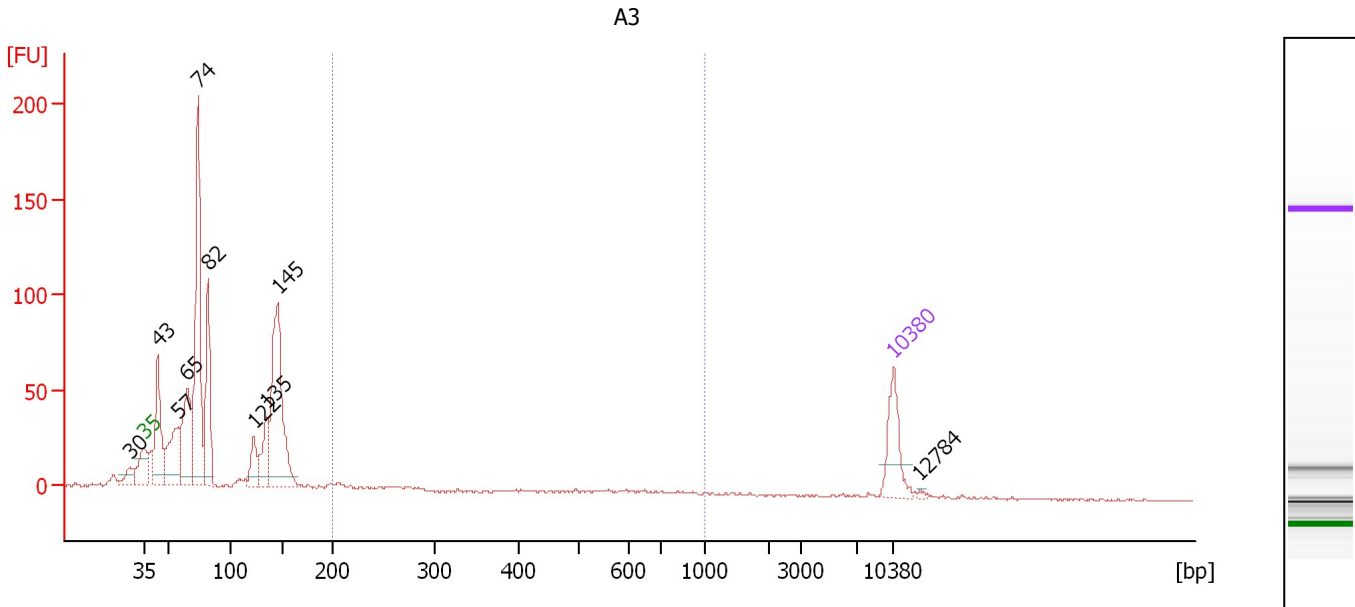
Region table for sample 5 : H2

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	540	2,850.3	30,029.65	88,799.8	71	16.6

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-22\2018-03-22_002.xad

Created: 3/22/2018 8:21:02 AM
 Modified: 3/22/2018 9:01:34 AM

Electropherogram Summary Continued ...



Overall Results for sample 6 : A3

Number of peaks found: 10 Corr. Area 1: 16.9
 Noise: 0.5

Peak table for sample 6 : A3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	30	0.00	0.0		41.71
2	35	125.00	5,411.3	Lower Marker	43.00
3	43	208.36	7,305.8		44.29
4	57	177.95	4,753.6		46.14
5	65	236.98	5,565.8		47.03
6	74	509.98	10,497.7		48.08
7	82	233.25	4,318.5		49.02
8	122	72.77	902.1		53.26
9	135	99.38	1,114.2		54.50
10	145	419.13	4,365.6		55.50
11	10,380	75.00	10.9	Upper Marker	113.00
12	12,784	0.00	0.0		115.44

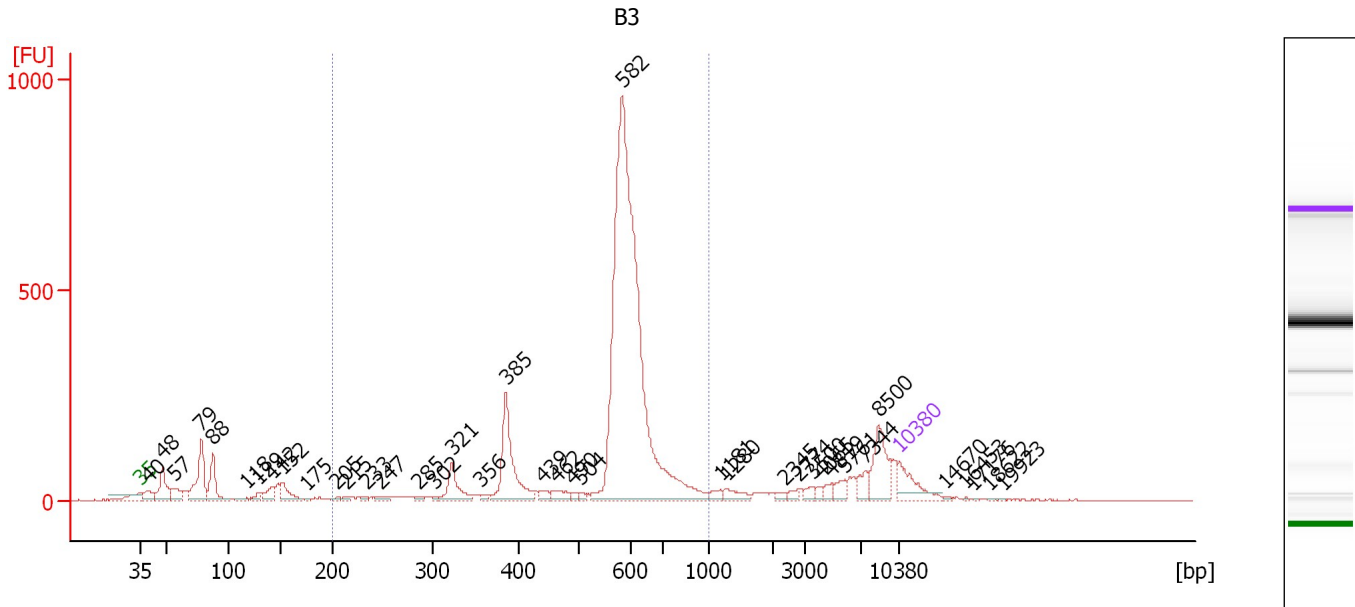
Region table for sample 6 : A3

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	397	16.9	27.12	144.5	2	52.3

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-22\2018-03-22_002.xad

Created: 3/22/2018 8:21:02 AM
 Modified: 3/22/2018 9:01:34 AM

Electropherogram Summary Continued ...



Overall Results for sample 7 : B3

Number of peaks found: 39 Corr. Area 1: 3,848.1
 Noise: 1.1

Peak table for sample 7 : B3

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	55.29	2,096.0		43.78
3	48	132.46	4,178.1		45.05
4	57	63.54	1,699.0		46.13
5	79	223.37	4,295.4		48.67
6	88	141.72	2,447.7		49.70
7	118	12.92	166.2		52.83
8	129	24.12	283.3		53.91
9	142	51.84	552.4		55.18
10	152	71.08	706.9		56.16
11	175	5.84	50.6		58.31
12	205	7.77	57.4		61.20
13	215	8.55	60.2		62.13
14	233	8.08	52.4		63.84
15	247	16.12	98.9		65.11
16	285	9.66	51.4		68.63
17	302	7.51	37.6		70.25
18	321	101.76	479.6		71.76
19	356	10.27	43.8		74.45
20	385	271.01	1,067.2		76.75
21	439	18.96	65.5		80.13
22	462	36.40	119.3		81.45
23	490	9.44	29.2		83.01
24	504	9.69	29.1		83.75
25	582	1,844.32	4,803.6		87.47

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-22\2018-03-22_002.xad

Created: 3/22/2018 8:21:02 AM
 Modified: 3/22/2018 9:01:34 AM

Electropherogram Summary Continued ...

... Peak table for sample 7 : B3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	1,181	18.32	23.5		96.52
27	1,280	30.34	35.9		97.10
28	2,345	9.53	6.2		102.43
29	2,774	14.17	7.7		103.71
30	3,500	15.46	6.7		105.03
31	4,065	11.32	4.2		105.76
32	4,819	17.98	5.7		106.74
33	5,761	25.84	6.8		107.96
34	7,344	30.90	6.4		109.92
35	8,500	115.27	20.5		111.09
36	10,380	75.00	10.9	Upper Marker	113.00
37	14,670	0.00	0.0		117.35
38	16,453	0.00	0.0		119.16
39	17,176	0.00	0.0		119.90
40	18,622	0.00	0.0		121.36
41	19,923	0.00	0.0		122.69

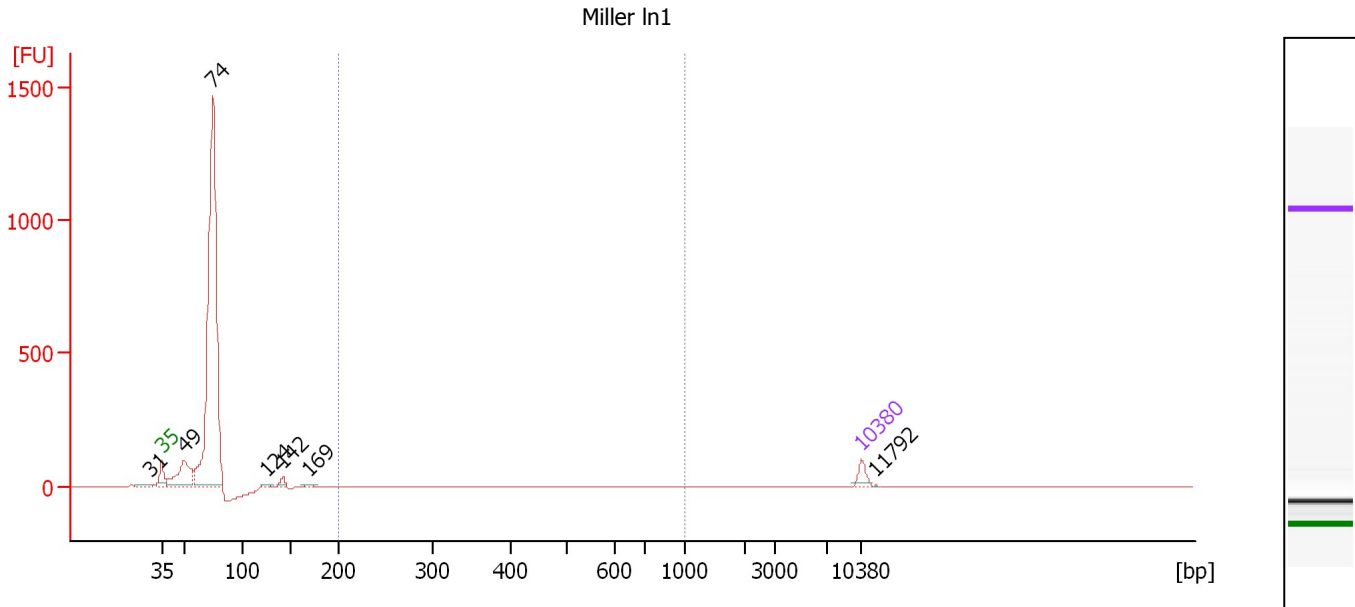
Region table for sample 7 : B3

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	567	3,848.1	2,384.08	6,945.0	69	19.8

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-22\2018-03-22_002.xad

Created: 3/22/2018 8:21:02 AM
 Modified: 3/22/2018 9:01:34 AM

Electropherogram Summary Continued ...



Overall Results for sample 8 : Miller In1

Number of peaks found: 7 Corr. Area 1: 1.5
 Noise: 0.4

Peak table for sample 8 : Miller In1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	31	0.00	0.0		41.83
2	35	125.00	5,411.3	Lower Marker	43.00
3	49	584.39	17,895.4		45.28
4	74	5,356.84	110,052.3		48.09
5	124	22.91	279.3		53.45
6	142	56.51	603.4		55.15
7	169	19.21	172.1		57.75
8	10,380	75.00	10.9	Upper Marker	113.00
9	11,792	0.00	0.0		114.43

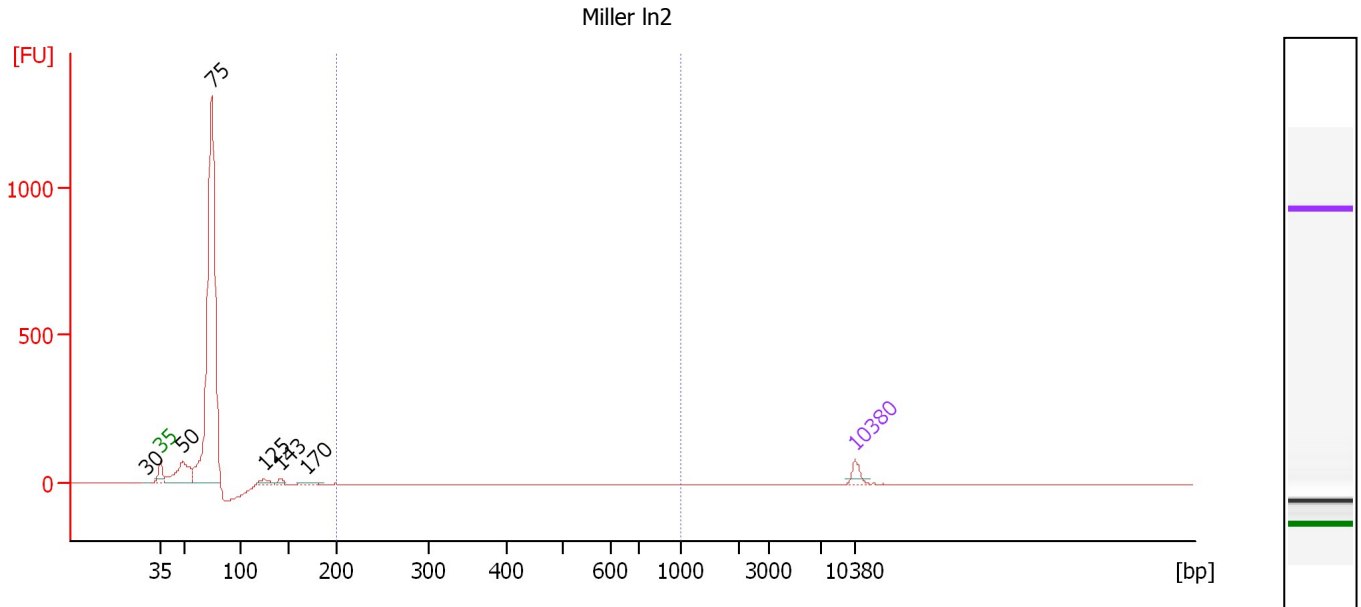
Region table for sample 8 : Miller In1

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]
200	1,000	560	1.5	1.81	6.8	0	42.6

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-22\2018-03-22_002.xad

Created: 3/22/2018 8:21:02 AM
 Modified: 3/22/2018 9:01:34 AM

Electropherogram Summary Continued ...



Overall Results for sample 9 : Miller In2

Number of peaks found: 6 Corr. Area 1: 3.9
 Noise: 0.2

Peak table for sample 9 : Miller In2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	30	0.00	0.0		41.66
2	35	125.00	5,411.3	Lower Marker	43.00
3	50	589.36	18,011.5		45.30
4	75	5,522.33	112,281.0		48.18
5	125	65.51	793.9		53.53
6	143	44.03	467.2		55.24
7	170	21.19	189.4		57.80
8	10,380	75.00	10.9	Upper Marker	113.00

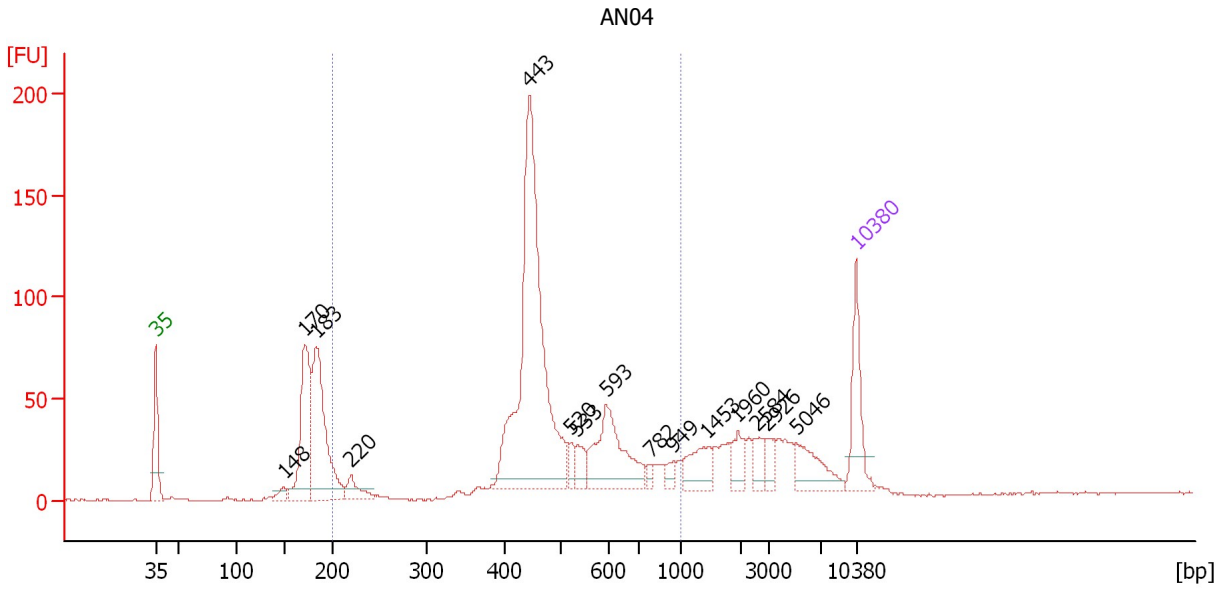
Region table for sample 9 : Miller In2

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]
200	1,000	579	3.9	5.74	18.4	0	27.7

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-22\2018-03-22_002.xad

Created: 3/22/2018 8:21:02 AM
 Modified: 3/22/2018 9:01:34 AM

Electropherogram Summary Continued ...



Overall Results for sample 10 : AN04

Number of peaks found: 15 Corr. Area 1: 956.5
 Noise: 0.2

Peak table for sample 10 : AN04

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	148	16.42	167.5		55.79
3	170	229.65	2,044.4		57.86
4	183	292.98	2,425.3		59.09
5	220	38.15	263.1		62.55
6	443	649.46	2,223.2		80.34
7	520	20.06	58.5		84.50
8	533	26.59	75.6		85.14
9	593	155.05	396.0		88.02
10	782	9.50	18.4		92.44
11	949	14.23	22.7		94.73
12	1,453	52.14	54.4		98.14
13	1,960	31.89	24.6		101.17
14	2,584	23.33	13.7		103.14
15	2,926	23.01	11.9		104.16
16	5,046	59.36	17.8		107.03
17	10,380	75.00	10.9	Upper Marker	113.00

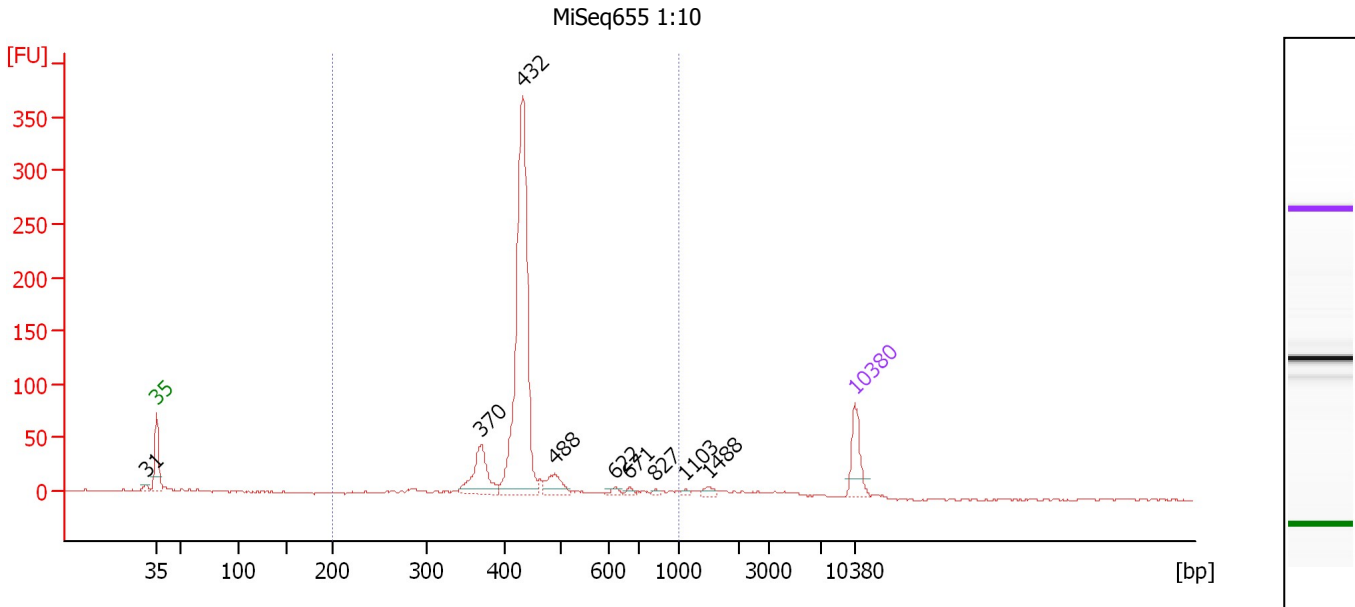
Region table for sample 10 : AN04

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	506	956.5	1,077.66	3,598.1	57	27.0

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-22\2018-03-22_002.xad

Created: 3/22/2018 8:21:02 AM
 Modified: 3/22/2018 9:01:34 AM

Electropherogram Summary Continued ...



Overall Results for sample 11 : MiSeq655 1:10

Number of peaks found: 9 Corr. Area 1: 843.0
 Noise: 0.8

Peak table for sample 11 : MiSeq655 1:10

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	31	0.00	0.0		41.93
2	35	125.00	5,411.3	Lower Marker	43.00
3	370	146.30	599.6		75.57
4	432	840.99	2,950.9		79.74
5	488	58.64	182.0		82.89
6	622	10.73	26.1		88.99
7	671	8.95	20.2		90.43
8	827	6.83	12.5		93.05
9	1,103	6.15	8.4		96.05
10	1,488	12.51	12.7		98.35
11	10,380	75.00	10.9	Upper Marker	113.00

Region table for sample 11 : MiSeq655 1:10

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]
200	1,000	438	843.0	1,180.01	4,232.7	87	19.6

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-22\2018-03-22_002.xad

Created: 3/22/2018 8:21:02 AM
Modified: 3/22/2018 9:01:34 AM

Gel Image

