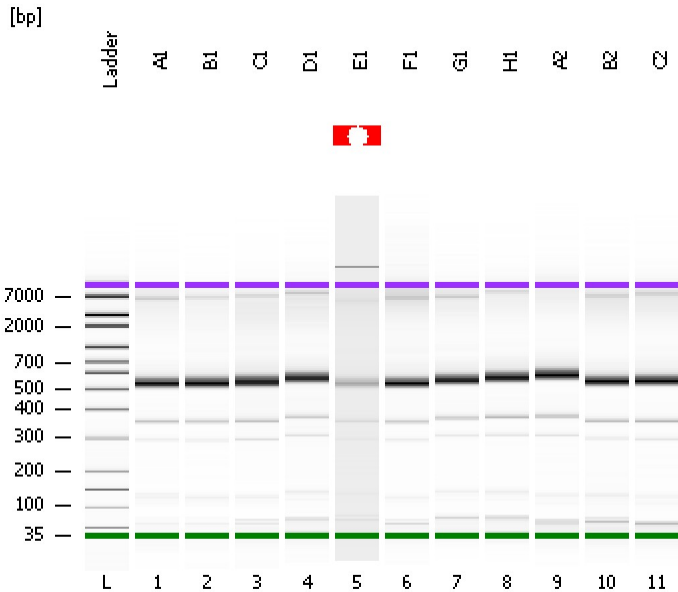


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-22\2018-03-22_001.xad

Created: 3/22/2018 7:33:36 AM
Modified: 3/22/2018 8:14:58 AM

Electrophoresis File Run Summary



Instrument Information:

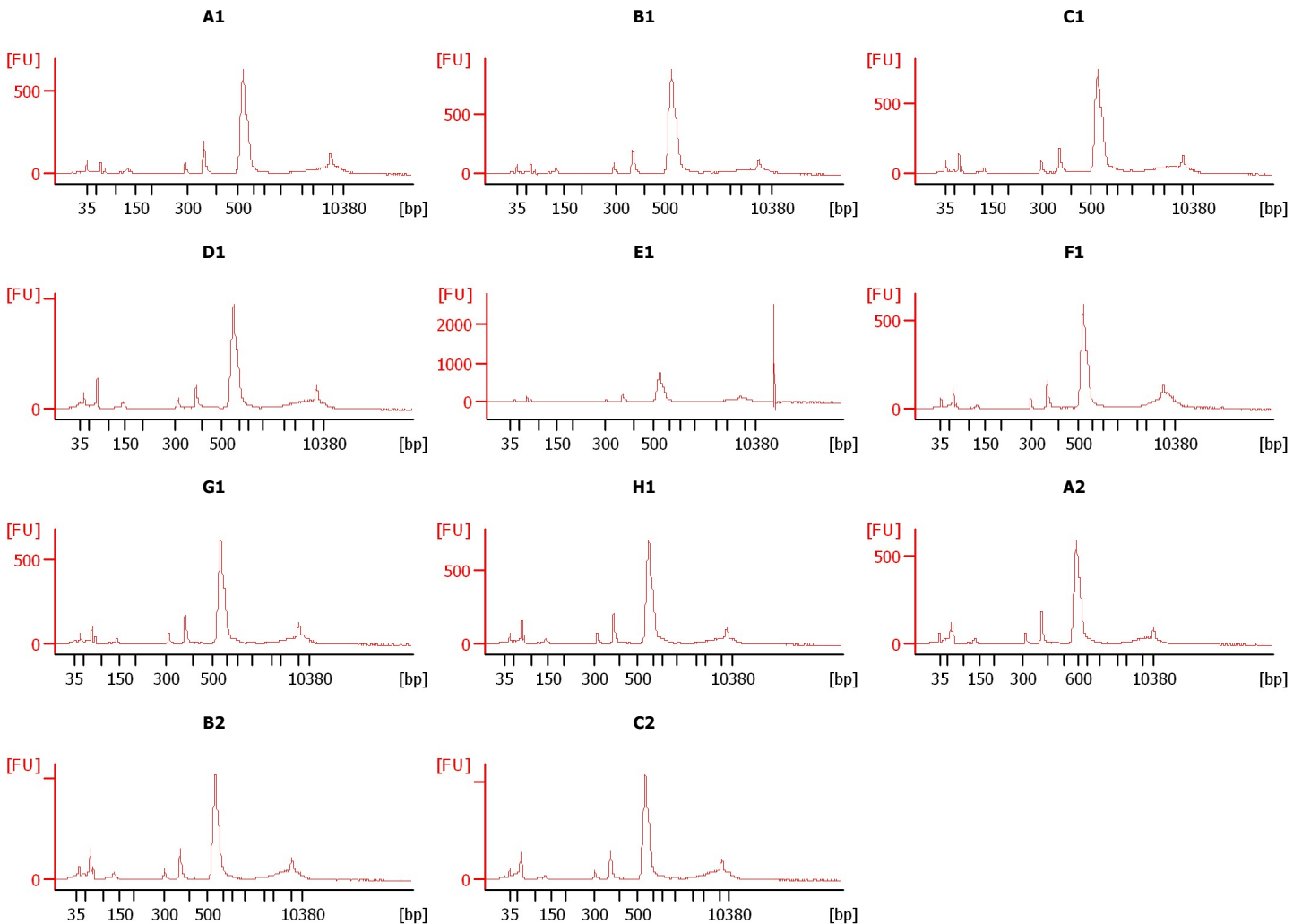
Instrument Name: DE34903152 Firmware: C.01.069
Serial#: DE34903152 Type: G2938C

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_001.xad

Created: 3/22/2018 7:33:36 AM
 Modified: 3/22/2018 8:14:58 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
A1		<input type="checkbox"/>	✓			
B1		<input type="checkbox"/>	✓			
C1		<input type="checkbox"/>	✓			
D1		<input type="checkbox"/>	✓			
E1		<input type="checkbox"/>	⚠			
F1		<input type="checkbox"/>	✓			
G1		<input type="checkbox"/>	✓			
H1		<input type="checkbox"/>	✓			
A2		<input type="checkbox"/>	✓			
B2		<input type="checkbox"/>	✓			
C2		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

Chip Lot #

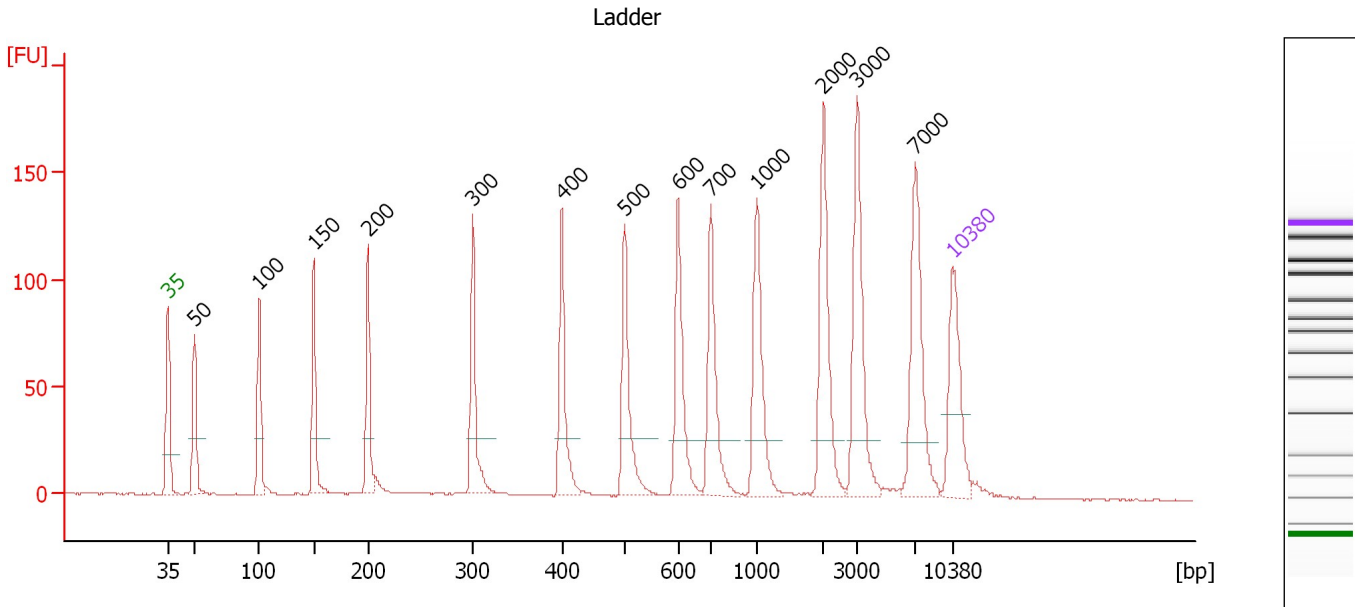
Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-22\2018-03-22_001.xad

Created: 3/22/2018 7:33:36 AM
 Modified: 3/22/2018 8:14:58 AM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.3

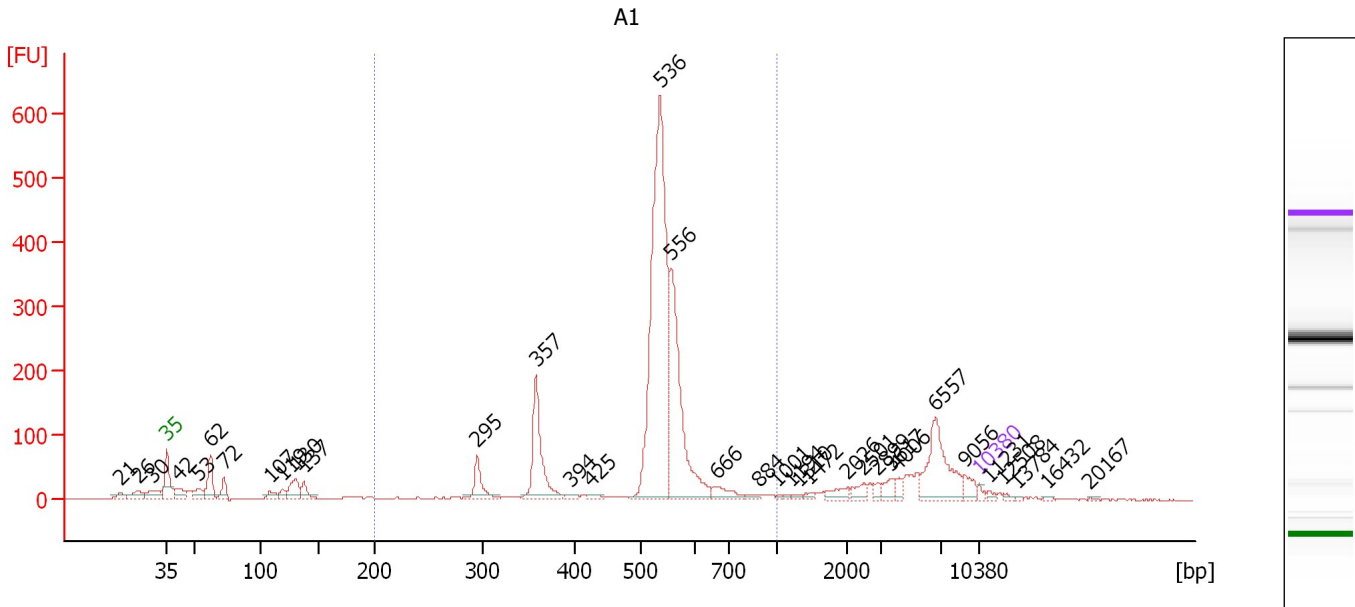
Peak table for Ladder

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	45.38
3	100	150.00	2,272.7	Ladder Peak	51.14
4	150	150.00	1,515.2	Ladder Peak	56.04
5	200	150.00	1,136.4	Ladder Peak	60.85
6	300	150.00	757.6	Ladder Peak	70.22
7	400	150.00	568.2	Ladder Peak	78.17
8	500	150.00	454.5	Ladder Peak	83.78
9	600	150.00	378.8	Ladder Peak	88.54
10	700	150.00	324.7	Ladder Peak	91.44
11	1,000	150.00	227.3	Ladder Peak	95.58
12	2,000	150.00	113.6	Ladder Peak	101.53
13	3,000	150.00	75.8	Ladder Peak	104.53
14	7,000	150.00	32.5	Ladder Peak	109.72
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_001.xad

Created: 3/22/2018 7:33:36 AM
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Electropherogram Summary Continued ...



Overall Results for sample 1 : A1

Number of peaks found: 35 Corr. Area 1: 2,094.8
 Noise: 0.5

Peak table for sample 1 : A1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	21	0.00	0.0		39.00
2	26	0.00	0.0		40.57
3	30	0.00	0.0		41.71
4	35	125.00	5,411.3	Lower Marker	43.00
5	42	487.86	17,743.0		44.06
6	53	440.12	12,518.4		45.76
7	62	1,069.15	26,109.0		46.77
8	72	465.92	9,748.6		47.96
9	107	255.77	3,607.6		51.86
10	119	265.57	3,390.9		52.97
11	130	696.04	8,088.7		54.12
12	137	389.51	4,295.0		54.80
13	295	795.76	4,089.9		69.73
14	357	2,282.87	9,676.7		74.78
15	394	108.17	415.5		77.72
16	425	114.53	408.4		79.56
17	536	10,241.82	28,960.4		85.49
18	556	4,361.65	11,883.7		86.45
19	666	419.63	955.1		90.45
20	884	83.41	142.9		93.98
21	1,001	41.47	62.7		95.59
22	1,194	38.12	48.4		96.74
23	1,310	64.13	74.2		97.43
24	1,472	80.99	83.3		98.39
25	2,026	233.74	174.8		101.61

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-22\2018-03-22_001.xad

Created: 3/22/2018 7:33:36 AM
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Electropherogram Summary Continued ...

... Peak table for sample 1 : A1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	2,501	217.75	131.9		103.03
27	2,899	149.00	77.9		104.23
28	3,617	216.41	90.7		105.33
29	4,006	159.42	60.3		105.83
30	6,557	1,682.16	388.7		109.14
31	9,056	274.00	45.8		111.71
32	10,380	75.00	10.9	Upper Marker	113.00
33	11,231	0.00	0.0		113.83
34	12,508	0.00	0.0		115.07
35	13,784	0.00	0.0		116.31
36	16,432	0.00	0.0		118.88
37	20,167	0.00	0.0		122.51

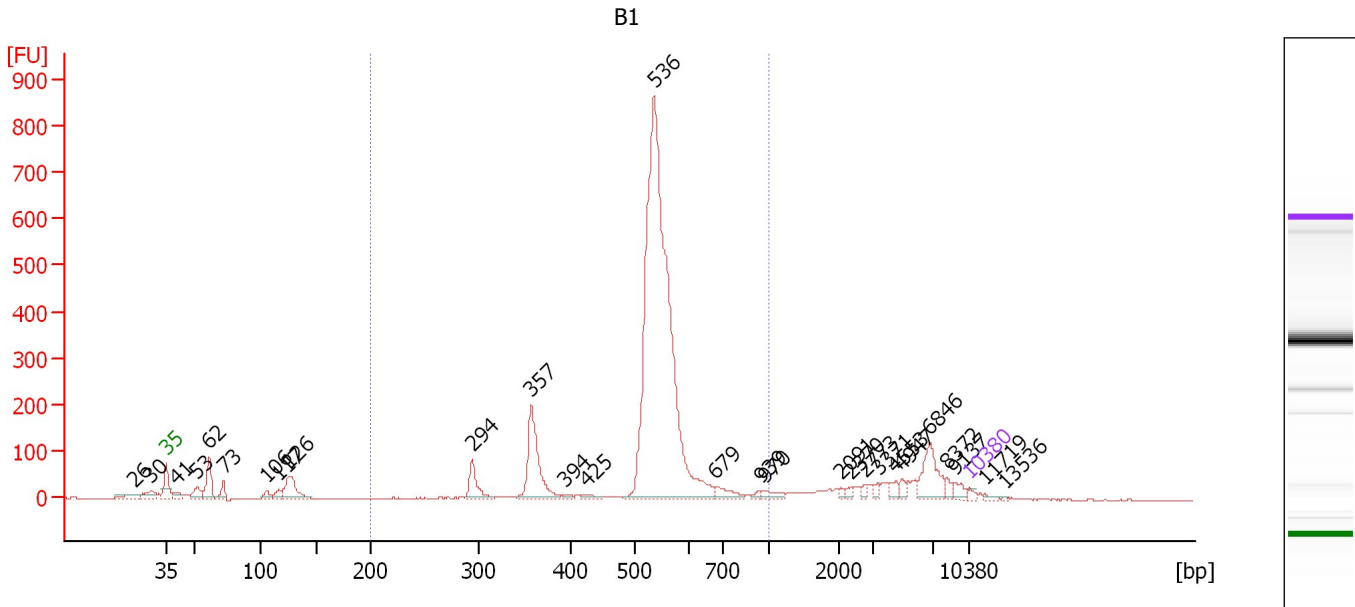
Region table for sample 1 : A1

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	521	2,094.8	19,159.01	59,434.3	67	17.7

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-22\2018-03-22_001.xad

Created: 3/22/2018 7:33:36 AM
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Electropherogram Summary Continued ...



Overall Results for sample 2 : B1

Number of peaks found: 28 Corr. Area 1: 2,990.0
 Noise: 1.1

Peak table for sample 2 : B1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	26	0.00	0.0		40.31
2	30	0.00	0.0		41.70
3	35	125.00	5,411.3	Lower Marker	43.00
4	41	232.36	8,679.2		43.88
5	53	392.13	11,266.9		45.69
6	62	918.22	22,435.6		46.76
7	73	310.23	6,447.7		48.02
8	106	178.40	2,548.3		51.73
9	117	213.01	2,748.1		52.85
10	126	954.15	11,476.1		53.68
11	294	677.36	3,490.2		69.66
12	357	2,017.42	8,555.4		74.77
13	394	84.39	324.4		77.70
14	425	120.43	429.6		79.56
15	536	14,796.29	41,814.7		85.50
16	679	315.46	703.6		90.84
17	939	79.72	128.6		94.75
18	970	180.87	282.6		95.16
19	2,091	69.44	50.3		101.81
20	2,370	83.46	53.4		102.64
21	2,773	84.57	46.2		103.85
22	3,371	91.89	41.3		105.01
23	4,553	136.24	45.3		106.54
24	4,947	145.67	44.6		107.05
25	6,846	822.09	182.0		109.52

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-22\2018-03-22_001.xad

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Electropherogram Summary Continued ...

... Peak table for sample 2 : B1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	8,372	127.58	23.1		111.05
27	9,137	158.34	26.3		111.79
28	10,380	75.00	10.9	Upper Marker	113.00
29	11,719	0.00	0.0		114.30
30	13,536	0.00	0.0		116.07

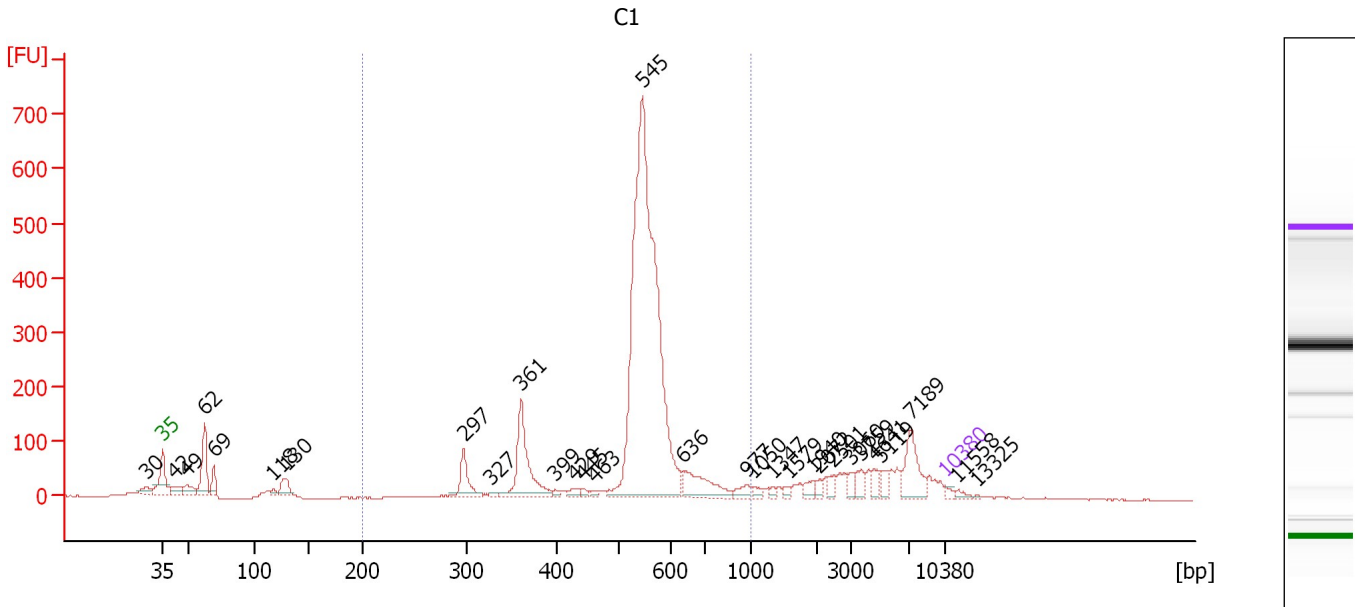
Region table for sample 2 : B1

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	530	2,990.0	18,296.34	55,354.5	74	17.4

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-22\2018-03-22_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 3 : C1

Number of peaks found: 30 Corr. Area 1: 2,879.5
 Noise: 1.0

Peak table for sample 3 : C1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	30	0.00	0.0		41.62
2	35	125.00	5,411.3	Lower Marker	43.00
3	42	312.77	11,387.9		44.05
4	49	353.45	11,035.6		45.15
5	62	1,229.20	30,014.8		46.77
6	69	389.34	8,538.3		47.58
7	118	80.11	1,031.4		52.87
8	130	411.56	4,802.6		54.06
9	297	664.79	3,391.1		69.94
10	327	45.26	209.6		72.37
11	361	1,742.08	7,317.7		75.04
12	399	73.79	280.1		78.10
13	429	131.92	465.6		79.81
14	445	75.00	255.6		80.67
15	463	74.25	242.8		81.72
16	545	12,026.00	33,443.3		85.92
17	636	873.18	2,080.0		89.59
18	977	170.61	264.7		95.26
19	1,050	92.86	134.0		95.88
20	1,347	64.84	72.9		97.65
21	1,579	74.58	71.6		99.03
22	1,940	141.52	110.5		101.17
23	2,072	100.17	73.3		101.75
24	2,501	121.49	73.6		103.03
25	3,060	126.84	62.8		104.61

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-22\2018-03-22_001.xad

Created: 3/22/2018 7:33:36 AM
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Electropherogram Summary Continued ...

... Peak table for sample 3 : C1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	3,759	216.20	87.1		105.51
27	4,641	173.80	56.7		106.66
28	5,119	172.63	51.1		107.28
29	7,189	755.64	159.2		109.90
30	10,380	75.00	10.9	Upper Marker	113.00
31	11,558	0.00	0.0		114.14
32	13,325	0.00	0.0		115.86

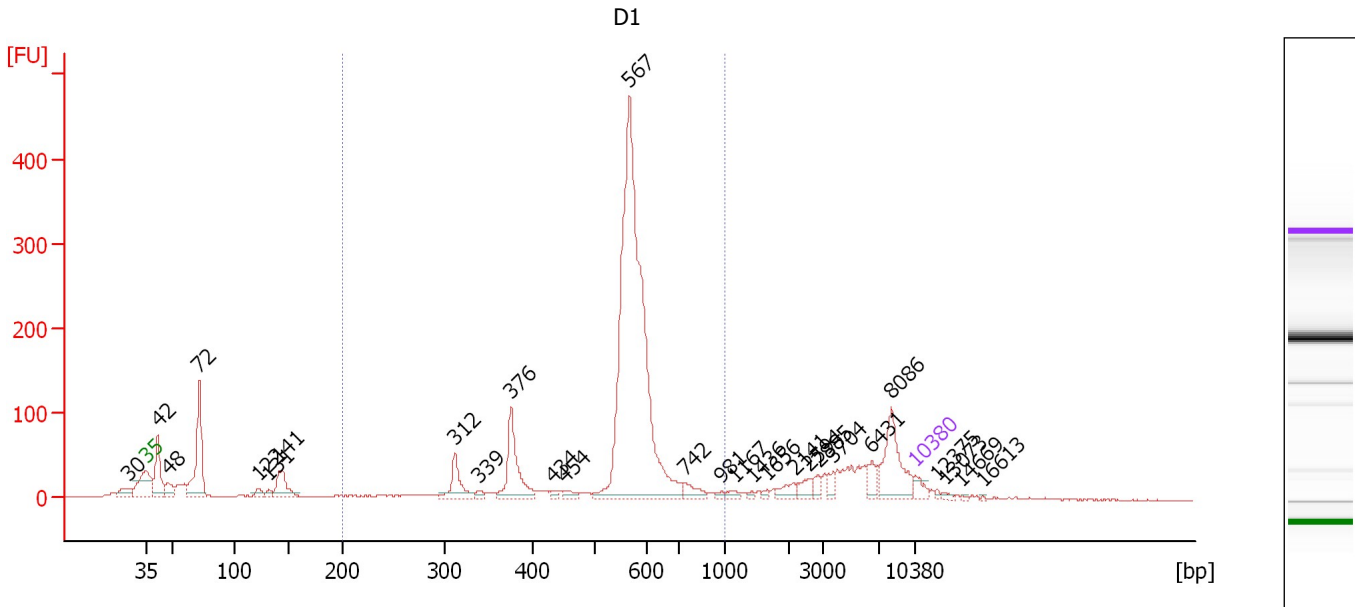
Region table for sample 3 : C1

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	2,879.5	16,537.74	49,794.7	69	19.2

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-22\2018-03-22_001.xad

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 Modified: 3/22/2018 8:14:58 AM

Electropherogram Summary Continued ...



Overall Results for sample 4 : D1

Number of peaks found: 28 Corr. Area 1: 1,661.9
 Noise: 0.7

Peak table for sample 4 : D1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	30	0.00	0.0		41.45
2	35	125.00	5,411.3	Lower Marker	43.00
3	42	613.52	22,120.0		44.11
4	48	170.72	5,374.2		45.08
5	72	1,082.39	22,832.9		47.89
6	122	94.38	1,174.5		53.27
7	131	57.96	669.6		54.19
8	141	382.12	4,105.4		55.16
9	312	327.24	1,590.9		71.15
10	339	43.40	193.9		73.33
11	376	617.56	2,490.8		76.23
12	434	32.16	112.4		80.06
13	454	62.13	207.6		81.17
14	567	4,725.81	12,620.9		86.99
15	742	133.40	272.4		92.02
16	981	26.66	41.2		95.32
17	1,167	43.58	56.6		96.58
18	1,436	21.58	22.8		98.18
19	1,656	23.75	21.7		99.48
20	2,141	94.29	66.7		101.96
21	2,594	85.73	50.1		103.31
22	2,885	68.99	36.2		104.18
23	3,704	62.07	25.4		105.44
24	6,431	101.03	23.8		108.98
25	8,086	489.06	91.6		110.77

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-22\2018-03-22_001.xad

Created: 3/22/2018 7:33:36 AM
 Modified: 3/22/2018 8:14:58 AM

Electropherogram Summary Continued ...

... Peak table for sample 4 : D1

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	10,380	75.00	10.9	Upper Marker	113.00
27	12,375	0.00	0.0		114.94
28	13,073	0.00	0.0		115.62
29	14,669	0.00	0.0		117.17
30	16,613	0.00	0.0		119.06

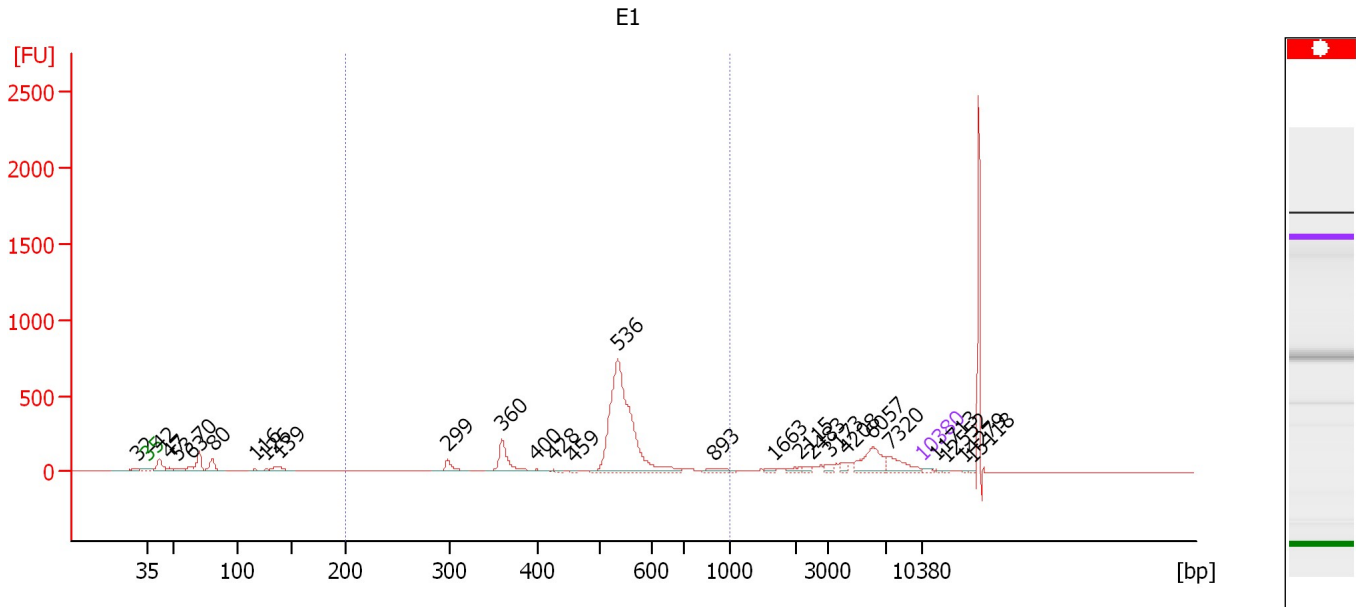
Region table for sample 4 : D1

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	547	1,661.9	6,342.63	19,072.8	61	19.4

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-22\2018-03-22_001.xad

Created: 3/22/2018 7:33:36 AM
 Modified: 3/22/2018 8:14:58 AM

Electropherogram Summary Continued ...



Overall Results for sample 5 : E1

Number of peaks found: 28 Corr. Area 1: 2,685.3
 Noise: 0.7

Peak table for sample 5 : E1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	32	0.00	0.0		42.04
2	35	125.00	5,411.3	Lower Marker	43.00
3	42	918.18	33,402.0		44.05
4	47	307.30	9,824.3		44.97
5	53	359.41	10,342.4		45.68
6	63	320.39	7,697.8		46.88
7	70	1,125.18	24,451.1		47.65
8	80	729.85	13,800.1		48.85
9	116	109.11	1,427.7		52.68
10	126	103.10	1,239.2		53.69
11	139	540.05	5,896.3		54.94
12	299	596.97	3,023.9		70.14
13	360	1,485.55	6,243.6		75.03
14	400	115.38	437.4		78.14
15	428	108.95	385.9		79.73
16	459	33.90	112.0		81.45
17	536	9,487.50	26,835.3		85.48
18	893	249.43	423.1		94.11
19	1,663	79.62	72.5		99.53
20	2,115	134.59	96.4		101.88
21	2,483	108.18	66.0		102.98
22	3,173	139.20	66.5		104.75
23	4,208	176.94	63.7		106.10
24	6,057	1,211.30	303.0		108.49
25	7,320	706.21	146.2		110.03

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-22\2018-03-22_001.xad

Created: 3/22/2018 7:33:36 AM
 Modified: 3/22/2018 8:14:58 AM

Electropherogram Summary Continued ...

... Peak table for sample 5 : E1

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	10,380	75.00	10.9	Upper Marker	113.00
27	11,713	0.00	0.0		114.29
28	12,552	0.00	0.0		115.11
29	14,279	0.00	0.0		116.79
30	15,118	0.00	0.0		117.60

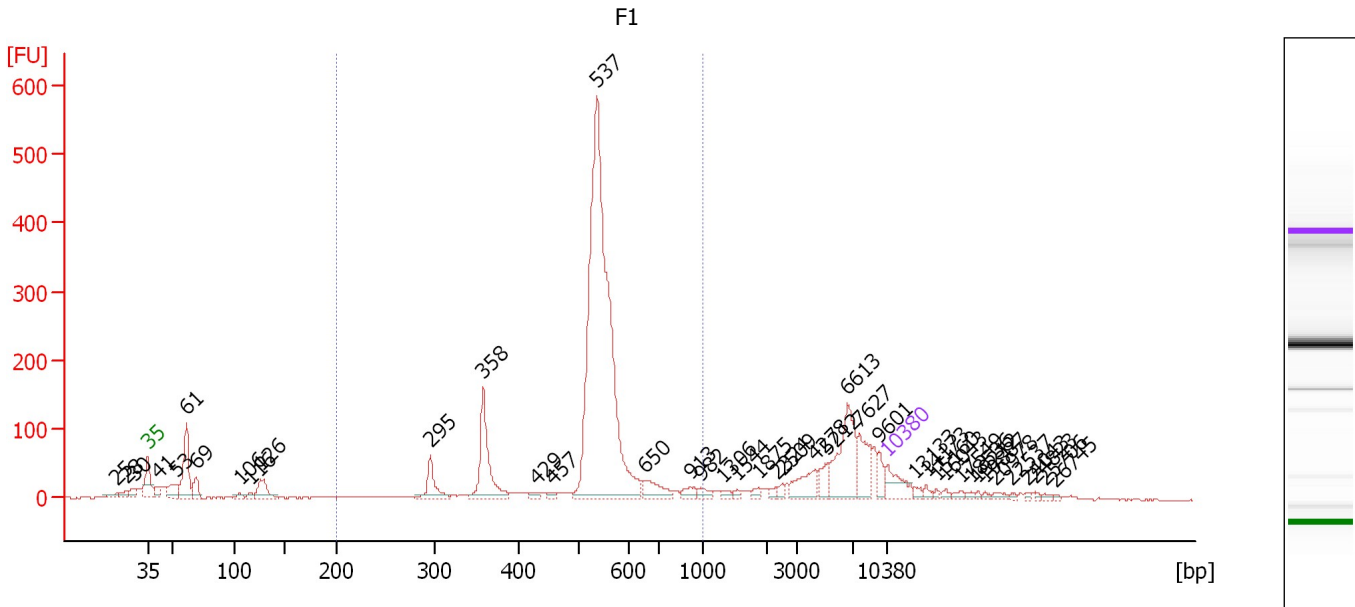
Region table for sample 5 : E1

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	523	2,685.3	12,823.25	40,279.3	55	20.7

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-22\2018-03-22_001.xad

Created: 3/22/2018 7:33:36 AM
 Modified: 3/22/2018 8:14:58 AM

Electropherogram Summary Continued ...



Overall Results for sample 6 : F1

Number of peaks found: 42 Corr. Area 1: 2,005.8
 Noise: 1.0

Peak table for sample 6 : F1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	25	0.00	0.0		40.07
2	28	0.00	0.0		40.98
3	30	0.00	0.0		41.69
4	35	125.00	5,411.3	Lower Marker	43.00
5	41	51.35	1,881.1		44.01
6	53	96.35	2,777.3		45.67
7	61	275.14	6,797.2		46.68
8	69	74.42	1,628.9		47.59
9	106	16.82	240.3		51.73
10	116	16.22	211.2		52.74
11	126	108.85	1,312.8		53.65
12	295	112.32	576.9		69.75
13	358	292.87	1,241.0		74.80
14	429	17.53	61.9		79.79
15	457	14.83	49.2		81.36
16	537	1,920.89	5,419.3		85.55
17	650	81.90	191.0		89.99
18	913	31.82	52.8		94.38
19	982	25.00	38.6		95.34
20	1,306	15.89	18.4		97.41
21	1,544	8.68	8.5		98.82
22	1,875	16.02	12.9		100.79
23	2,324	10.84	7.1		102.50
24	2,509	15.24	9.2		103.06
25	4,278	88.90	31.5		106.19

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-22\2018-03-22_001.xad

Created: 3/22/2018 7:33:36 AM
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Electropherogram Summary Continued ...

... Peak table for sample 6 : F1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	5,212	44.15	12.8		107.40
27	6,613	228.36	52.3		109.21
28	7,627	112.05	22.3		110.33
29	9,601	35.30	5.6		112.24
30	10,380	75.00	10.9	Upper Marker	113.00
31	13,133	0.00	0.0		115.67
32	14,173	0.00	0.0		116.68
33	15,160	0.00	0.0		117.64
34	16,043	0.00	0.0		118.50
35	17,549	0.00	0.0		119.96
36	18,536	0.00	0.0		120.92
37	19,212	0.00	0.0		121.58
38	19,887	0.00	0.0		122.24
39	20,978	0.00	0.0		123.30
40	22,537	0.00	0.0		124.81
41	24,043	0.00	0.0		126.27
42	24,823	0.00	0.0		127.03
43	25,706	0.00	0.0		127.89
44	26,745	0.00	0.0		128.90

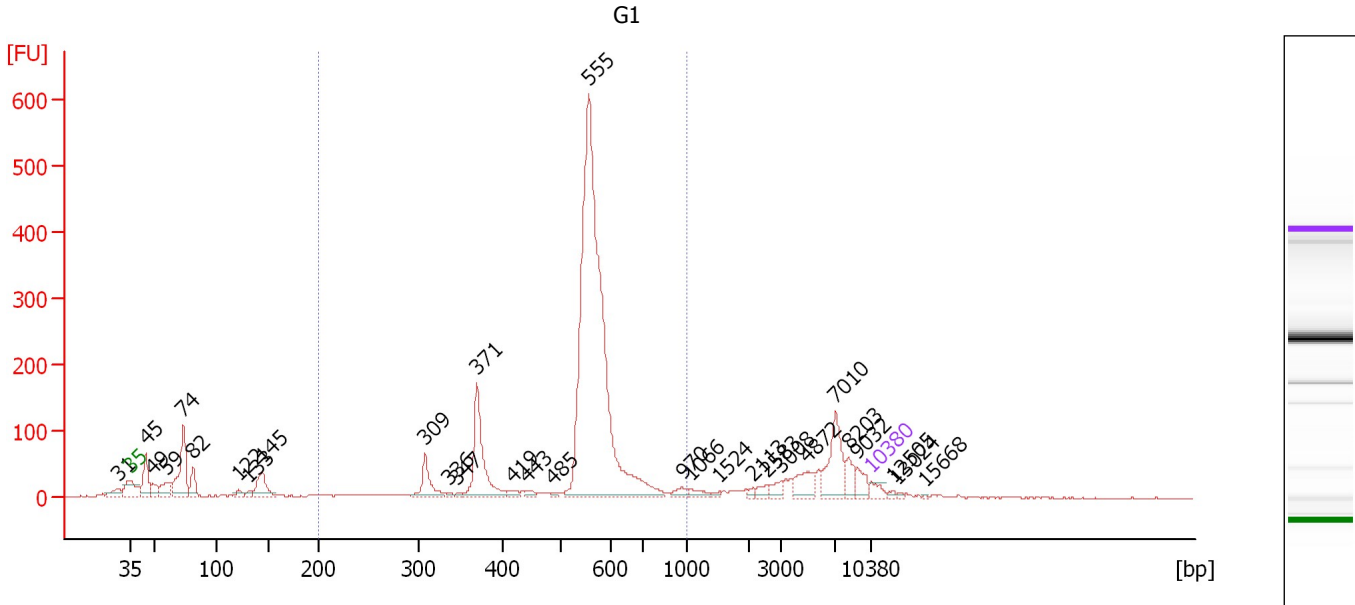
Region table for sample 6 : F1

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	527	2,005.8	2,623.19	8,117.1	61	20.1

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-22\2018-03-22_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 7 : G1

Number of peaks found: 30 Corr. Area 1: 2,130.9
 Noise: 0.9

Peak table for sample 7 : G1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	31	0.00	0.0		41.94
2	35	125.00	5,411.3	Lower Marker	43.00
3	45	493.08	16,779.2		44.51
4	49	197.66	6,115.9		45.22
5	59	281.78	7,226.9		46.42
6	74	940.80	19,392.3		48.09
7	82	279.33	5,172.9		49.04
8	122	82.80	1,025.7		53.32
9	133	70.79	809.0		54.33
10	145	403.13	4,200.3		55.59
11	309	378.71	1,859.7		70.90
12	336	23.24	104.9		73.06
13	347	27.43	119.7		73.97
14	371	960.43	3,926.0		75.83
15	419	59.84	216.6		79.21
16	443	53.25	182.2		80.57
17	485	22.60	70.6		82.94
18	555	6,058.99	16,534.1		86.41
19	970	80.26	125.3		95.17
20	1,066	71.65	101.8		95.98
21	1,524	25.14	25.0		98.70
22	2,113	28.48	20.4		101.87
23	2,583	70.30	41.2		103.28
24	3,008	79.74	40.2		104.54
25	4,872	218.92	68.1		106.96

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-22\2018-03-22_001.xad

Created: 3/22/2018 7:33:36 AM
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Electropherogram Summary Continued ...

... Peak table for sample 7 : G1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	7,010	483.48	104.5		109.73
27	8,203	139.33	25.7		110.88
28	9,032	128.34	21.5		111.69
29	10,380	75.00	10.9	Upper Marker	113.00
30	12,505	0.00	0.0		115.06
31	13,024	0.00	0.0		115.57
32	15,668	0.00	0.0		118.14

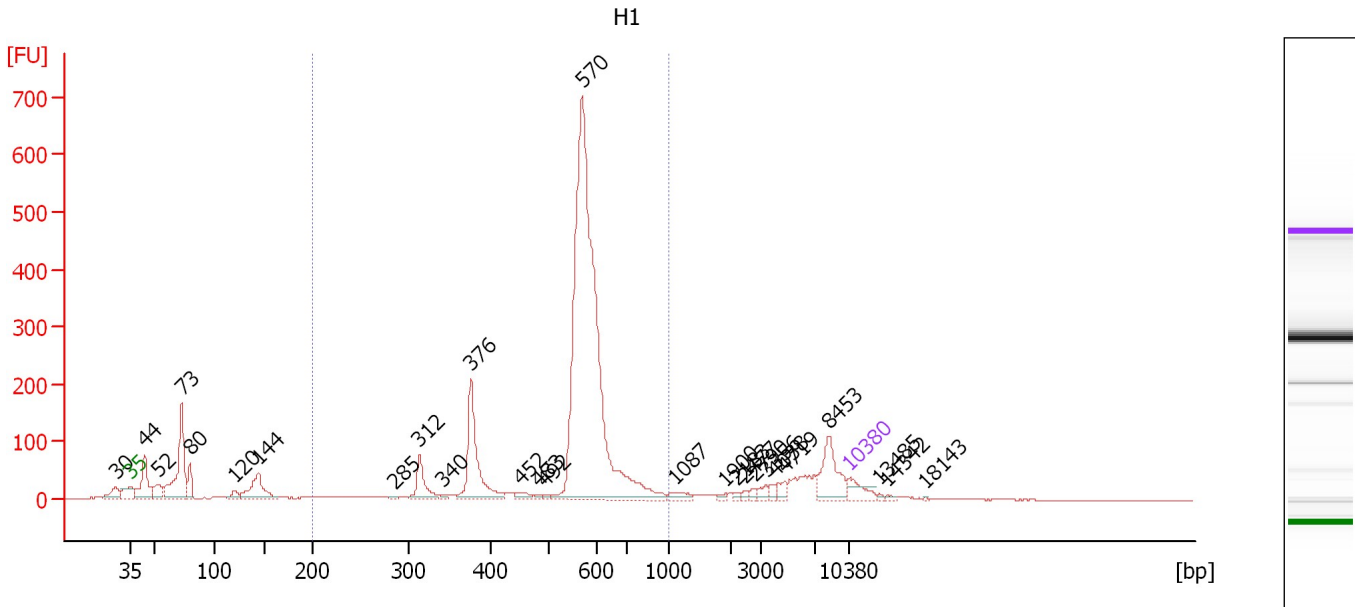
Region table for sample 7 : G1

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	538	2,130.9	7,930.92	24,132.3	65	19.5

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-22\2018-03-22_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 8 : H1

Number of peaks found: 27 Corr. Area 1: 2,557.5
 Noise: 0.8

Peak table for sample 8 : H1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	30	0.00	0.0		41.54
2	35	125.00	5,411.3	Lower Marker	43.00
3	44	326.97	11,382.4		44.35
4	52	127.37	3,685.1		45.65
5	73	658.10	13,717.1		47.99
6	80	132.15	2,505.4		48.82
7	120	52.60	661.7		53.14
8	144	272.30	2,858.8		55.48
9	285	12.12	64.5		68.79
10	312	186.12	903.3		71.19
11	340	14.91	66.5		73.37
12	376	496.44	2,002.3		76.23
13	452	39.96	134.0		81.07
14	483	14.42	45.2		82.84
15	492	13.04	40.1		83.36
16	570	3,013.31	8,013.3		87.10
17	1,087	40.50	56.5		96.10
18	1,900	12.58	10.0		100.93
19	2,183	13.10	9.1		102.08
20	2,477	13.50	8.3		102.96
21	2,790	15.54	8.4		103.90
22	3,356	28.52	12.9		104.99
23	4,038	28.79	10.8		105.88
24	4,719	33.04	10.6		106.76
25	8,453	208.56	37.4		111.13

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-22\2018-03-22_001.xad

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Electropherogram Summary Continued ...

... Peak table for sample 8 : H1

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	10,380	75.00	10.9	Upper Marker	113.00
27	13,485	0.00	0.0		116.02
28	14,342	0.00	0.0		116.85
29	18,143	0.00	0.0		120.54

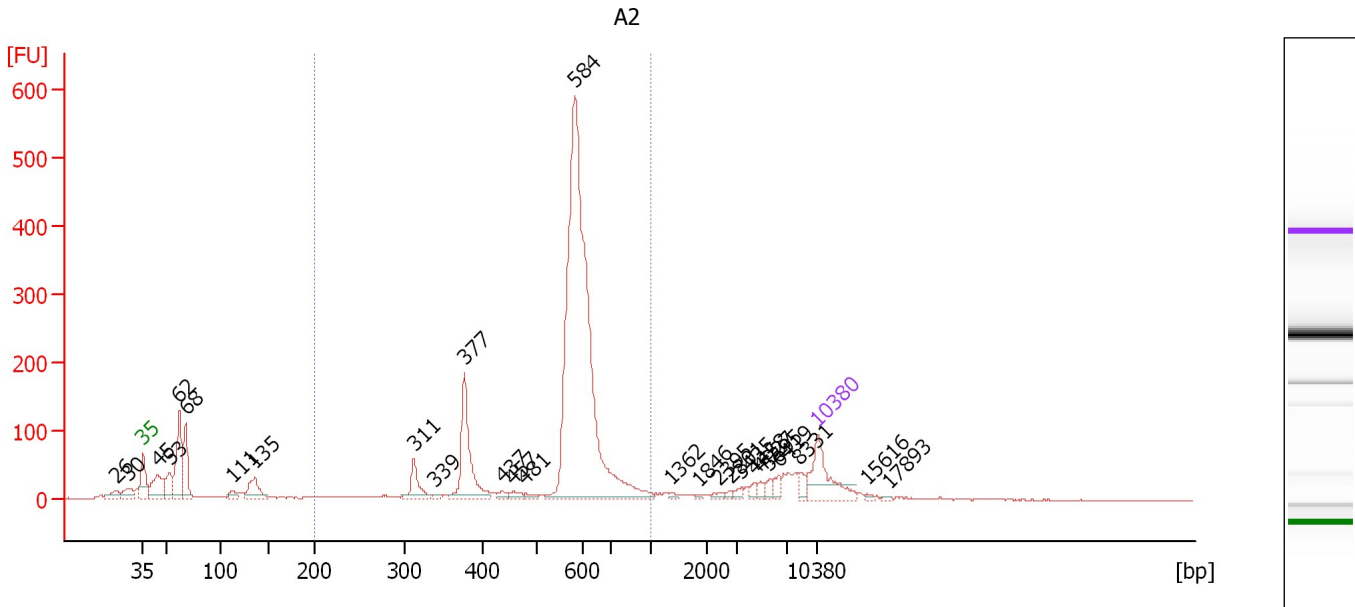
Region table for sample 8 : H1

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	550	2,557.5	3,925.08	11,755.5	66	19.7

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-22\2018-03-22_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 9 : A2

Number of peaks found: 27 Corr. Area 1: 2,105.0
 Noise: 0.9

Peak table for sample 9 : A2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	26	0.00	0.0		40.29
2	30	0.00	0.0		41.51
3	35	125.00	5,411.3	Lower Marker	43.00
4	45	86.76	2,914.3		44.60
5	53	55.73	1,582.9		45.76
6	62	155.76	3,807.3		46.76
7	68	98.43	2,201.3		47.42
8	111	19.12	260.5		52.23
9	135	60.85	680.7		54.61
10	311	52.93	257.9		71.09
11	339	4.33	19.3		73.36
12	377	157.09	631.3		76.34
13	437	8.80	30.5		80.27
14	457	12.27	40.7		81.37
15	481	7.91	24.9		82.70
16	584	938.35	2,433.8		87.79
17	1,362	5.20	5.8		97.74
18	1,846	2.50	2.1		100.61
19	2,395	6.43	4.1		102.72
20	2,801	3.57	1.9		103.93
21	3,435	7.57	3.3		105.09
22	4,458	8.06	2.7		106.42
23	4,927	7.86	2.4		107.03
24	5,695	9.40	2.5		108.02
25	6,419	12.34	2.9		108.96

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-22\2018-03-22_001.xad

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Electropherogram Summary Continued ...

... Peak table for sample 9 : A2

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	8,331	13.15	2.4		111.01
27	10,380	75.00	10.9	Upper Marker	113.00
28	15,616	0.00	0.0		118.09
29	17,893	0.00	0.0		120.30

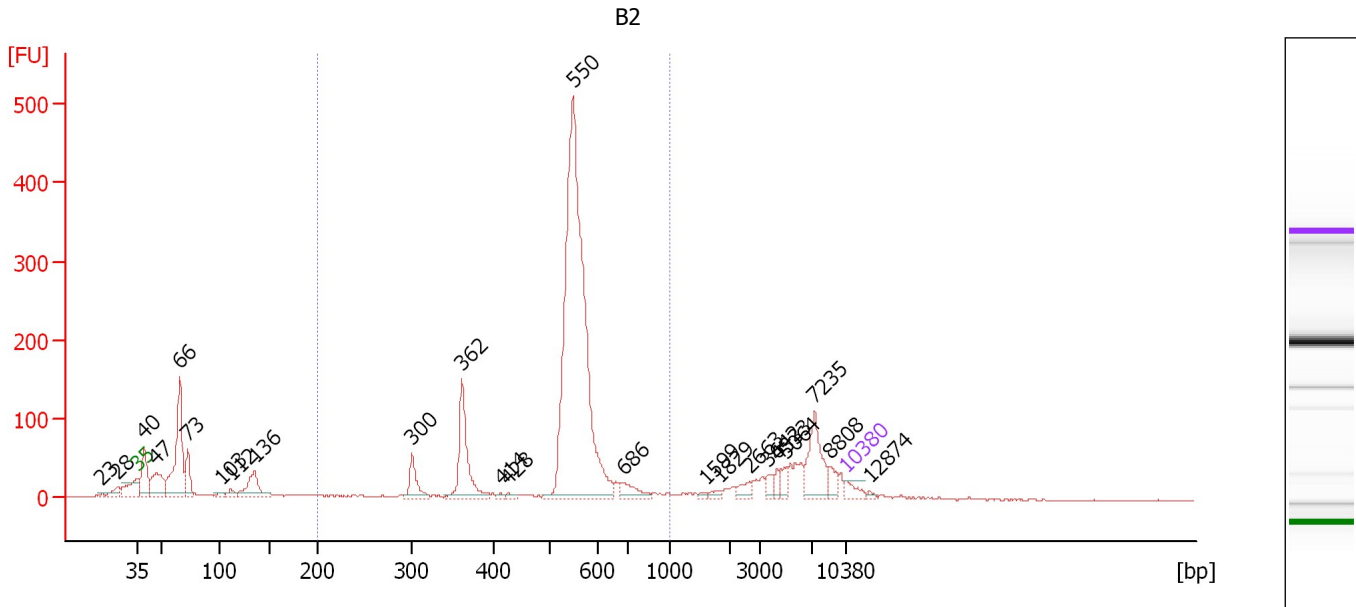
Region table for sample 9 : A2

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	565	2,105.0	1,223.22	3,582.3	67	20.2

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-22\2018-03-22_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 10 : B2

Number of peaks found: 24 Corr. Area 1: 1,713.2
 Noise: 0.9

Peak table for sample 10 : B2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	23	0.00	0.0		39.58
2	28	0.00	0.0		41.10
3	35	125.00	5,411.3	Lower Marker	43.00
4	40	489.04	18,688.1		43.74
5	47	482.54	15,571.2		44.90
6	66	1,233.61	28,350.3		47.21
7	73	318.71	6,634.1		48.00
8	103	54.77	806.0		51.43
9	112	80.68	1,095.9		52.27
10	136	423.77	4,730.3		54.64
11	300	246.35	1,246.0		70.18
12	362	677.41	2,837.0		75.13
13	414	20.06	73.4		78.97
14	428	29.86	105.8		79.71
15	550	4,158.36	11,465.8		86.14
16	686	138.95	306.9		91.04
17	1,599	20.66	19.6		99.15
18	1,829	33.56	27.8		100.52
19	2,663	77.29	44.0		103.52
20	3,642	57.84	24.1		105.36
21	4,333	57.18	20.0		106.26
22	5,064	63.36	19.0		107.21
23	7,235	369.26	77.3		109.95
24	8,808	85.59	14.7		111.47
25	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_001.xad

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Electropherogram Summary Continued ...**... Peak table for sample 10 : B2**

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	12,874	0.00	0.0		115.42

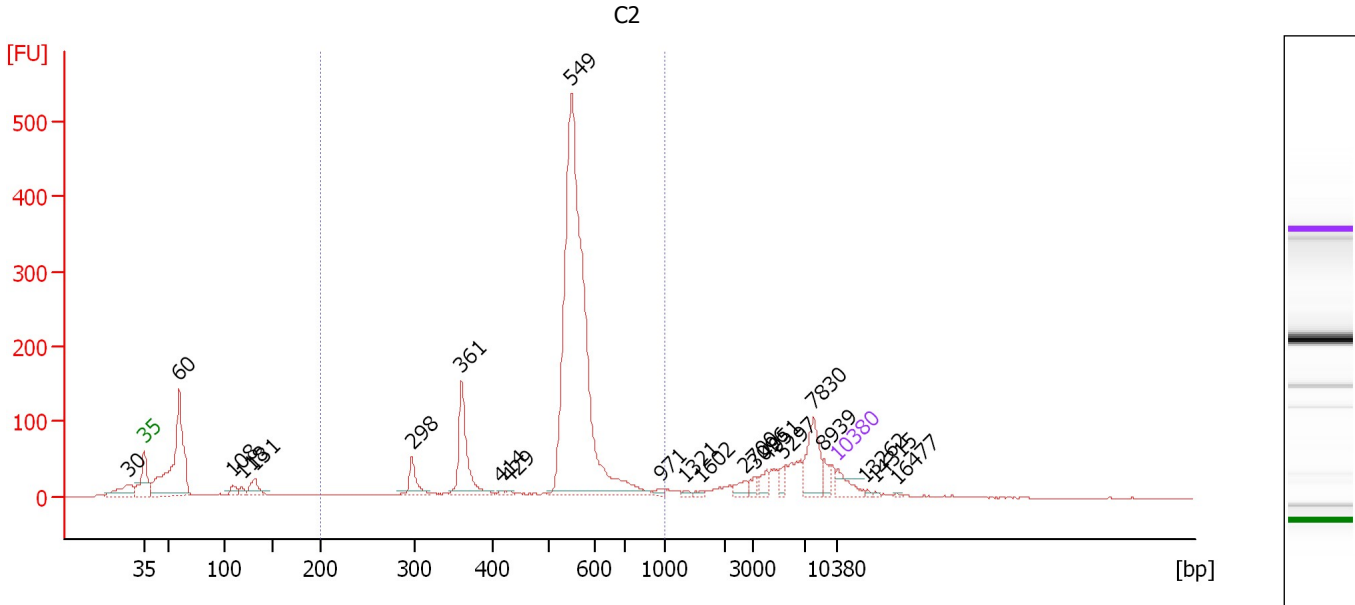
Region table for sample 10 : B2

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	530	1,713.2	5,538.42	17,052.9	 58	18.8

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-22\2018-03-22_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 11 : C2

Number of peaks found: 22 Corr. Area 1: 1,869.7
 Noise: 0.7

Peak table for sample 11 : C2


Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	30	0.00	0.0		41.44
2	35	125.00	5,411.3	Lower Marker	43.00
3	60	1,135.42	28,801.0		46.50
4	108	67.85	950.3		51.94
5	118	31.21	402.4		52.85
6	131	121.12	1,404.2		54.15
7	298	134.83	685.6		70.03
8	361	417.52	1,754.1		75.04
9	414	10.09	36.9		78.97
10	429	9.52	33.6		79.78
11	549	2,802.29	7,728.8		86.13
12	971	19.67	30.7		95.18
13	1,321	10.74	12.3		97.49
14	1,602	11.45	10.8		99.16
15	2,700	40.32	22.6		103.63
16	3,096	32.44	15.9		104.65
17	4,051	51.33	19.2		105.89
18	5,297	38.29	11.0		107.51
19	7,830	210.34	40.7		110.52
20	8,939	42.62	7.2		111.60
21	10,380	75.00	10.9	Upper Marker	113.00
22	13,262	0.00	0.0		115.80
23	14,315	0.00	0.0		116.82
24	16,477	0.00	0.0		118.92

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-22\2018-03-22_001.xad

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Electropherogram Summary Continued ...

... Region table for sample 11 : C2

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	1,869.7	3,725.77	11,509.2	 61	20.1

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-22\2018-03-22_001.xad

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Modified: 3/22/2018 8:14:58 AM

Gel Image

