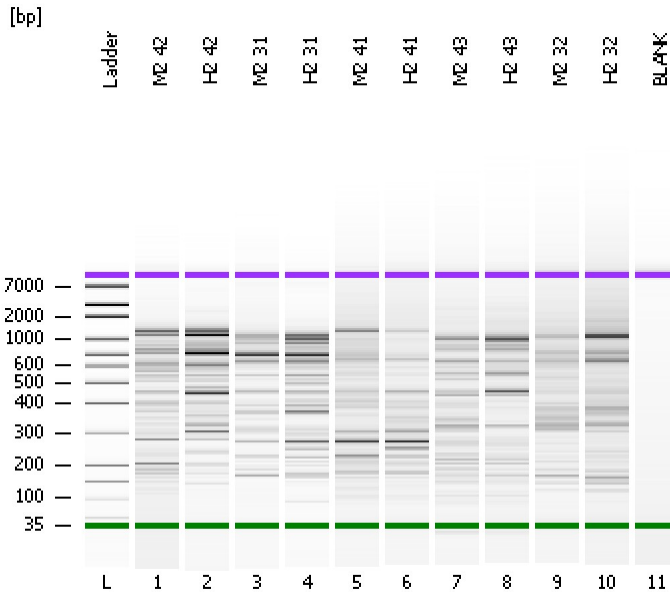


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-29\2018-03-29_003.xad

Created: 3/29/2018 3:30:07 PM
Modified: 3/29/2018 4:11:25 PM

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

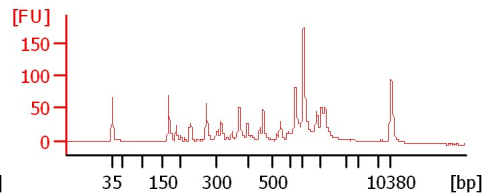
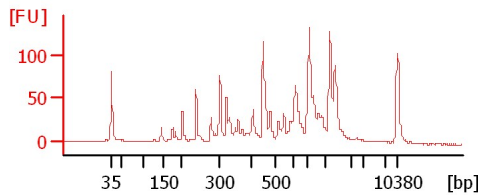
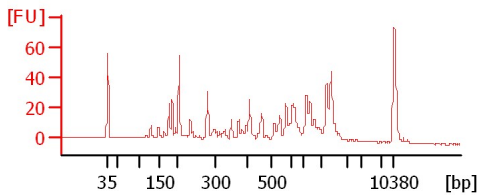
Chip Information:

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

M2 42

H2 42

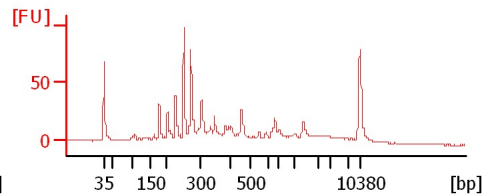
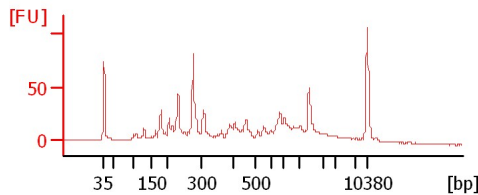
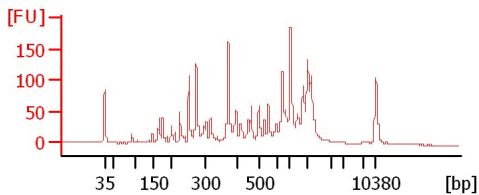
M2 31



H2 31

M2 41

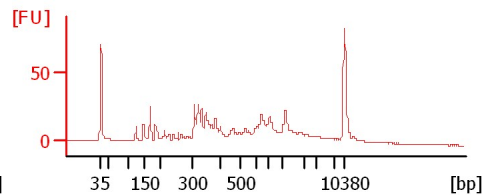
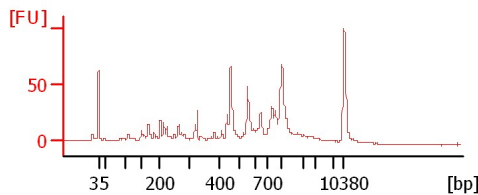
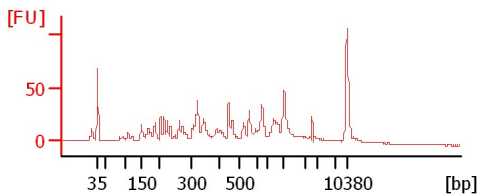
H2 41



M2 43

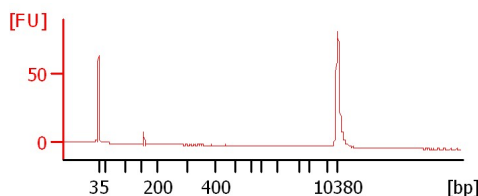
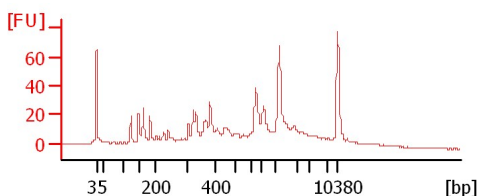
H2 43

M2 32



H2 32

BLANK



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-29\2018-03-29_003.xad

Created: 3/29/2018 3:30:07 PM
 Modified: 3/29/2018 4:11:25 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
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H2 42		<input type="checkbox"/>	✓			
M2 31		<input type="checkbox"/>	✓			
H2 31		<input type="checkbox"/>	✓			
M2 41		<input type="checkbox"/>	✓			
H2 41		<input type="checkbox"/>	✓			
M2 43		<input type="checkbox"/>	✓			
H2 43		<input type="checkbox"/>	✓			
M2 32		<input type="checkbox"/>	✓			
H2 32		<input type="checkbox"/>	✓			
BLANK		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

Chip Lot #

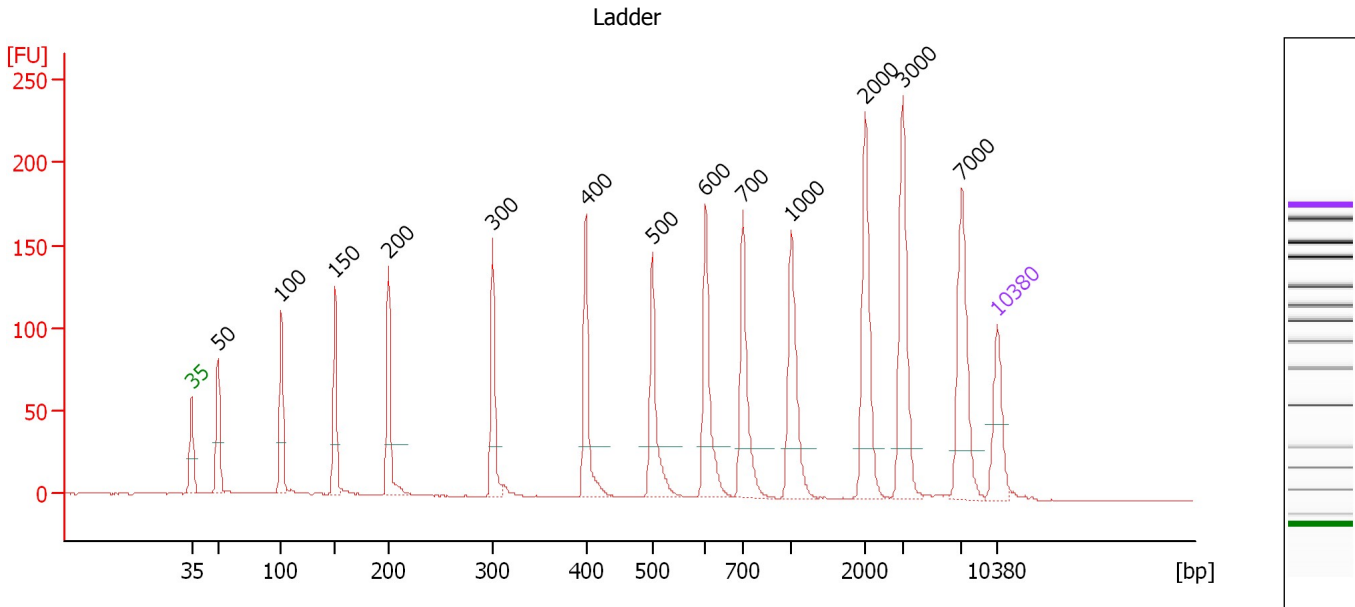
Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-29\2018-03-29_003.xad

Created: 3/29/2018 3:30:07 PM
 Modified: 3/29/2018 4:11:25 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.2

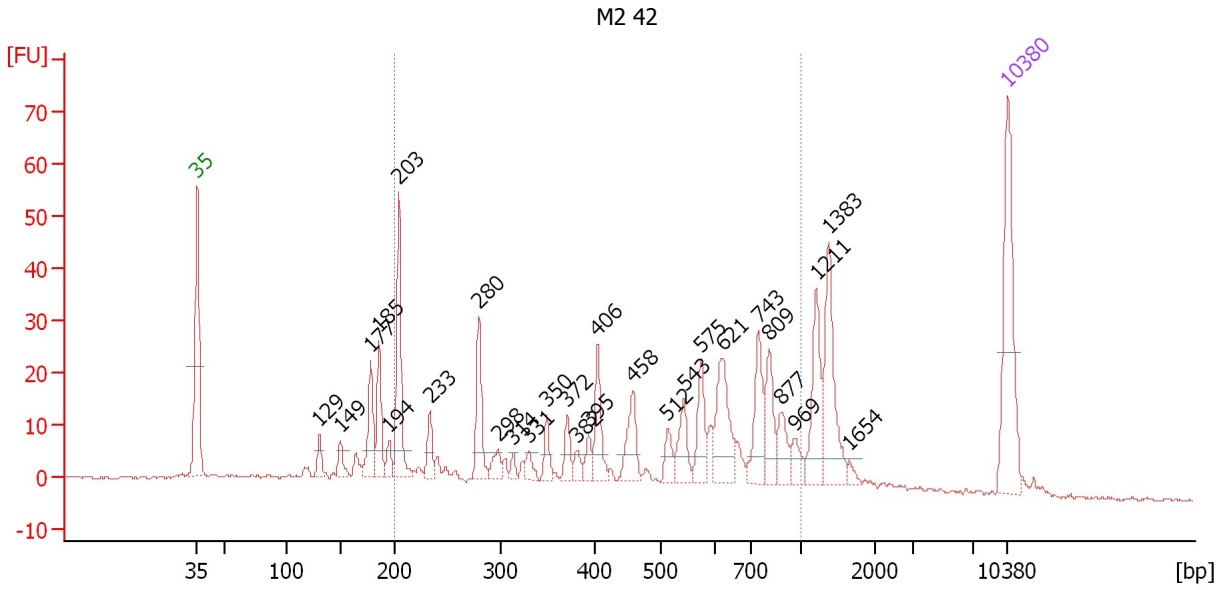
Peak table for Ladder

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	45.27
3	100	150.00	2,272.7	Ladder Peak	50.79
4	150	150.00	1,515.2	Ladder Peak	55.47
5	200	150.00	1,136.4	Ladder Peak	60.11
6	300	150.00	757.6	Ladder Peak	69.15
7	400	150.00	568.2	Ladder Peak	77.26
8	500	150.00	454.5	Ladder Peak	83.05
9	600	150.00	378.8	Ladder Peak	87.69
10	700	150.00	324.7	Ladder Peak	90.89
11	1,000	150.00	227.3	Ladder Peak	95.11
12	2,000	150.00	113.6	Ladder Peak	101.55
13	3,000	150.00	75.8	Ladder Peak	104.79
14	7,000	150.00	32.5	Ladder Peak	109.94
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-29\2018-03-29_003.xad

Created: 3/29/2018 3:30:07 PM
 Modified: 3/29/2018 4:11:25 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : M2 42

Number of peaks found: 28 Corr. Area 1: 409.1
 Noise: 0.3

Peak table for sample 1 : M2 42

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	129	14.29	167.3		53.55
3	149	14.16	143.9		55.39
4	177	43.45	371.1		58.01
5	185	41.22	337.8		58.70
6	194	12.15	94.8		59.58
7	203	86.98	648.1		60.41
8	233	20.13	131.0		63.08
9	280	46.35	250.6		67.36
10	298	12.81	65.1		68.97
11	314	6.28	30.3		70.31
12	331	9.20	42.1		71.69
13	350	15.27	66.2		73.16
14	372	15.55	63.3		75.01
15	382	8.48	33.6		75.79
16	395	11.14	42.7		76.85
17	406	33.78	126.2		77.59
18	458	32.03	105.9		80.63
19	512	14.38	42.5		83.62
20	543	25.70	71.7		85.05
21	575	29.92	78.9		86.52
22	621	52.54	128.2		88.36
23	743	41.57	84.8		91.49
24	809	32.23	60.4		92.41
25	877	19.99	34.5		93.38

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-29\2018-03-29_003.xad

Created: 3/29/2018 3:30:07 PM
 Modified: 3/29/2018 4:11:25 PM

Electropherogram Summary Continued ...

... Peak table for sample 1 : M2 42

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	969	12.16	19.0		94.67
27	1,211	45.60	57.0		96.47
28	1,383	58.92	64.6		97.57
29	1,654	4.45	4.1		99.32
30	10,380	75.00	10.9	Upper Marker	113.00

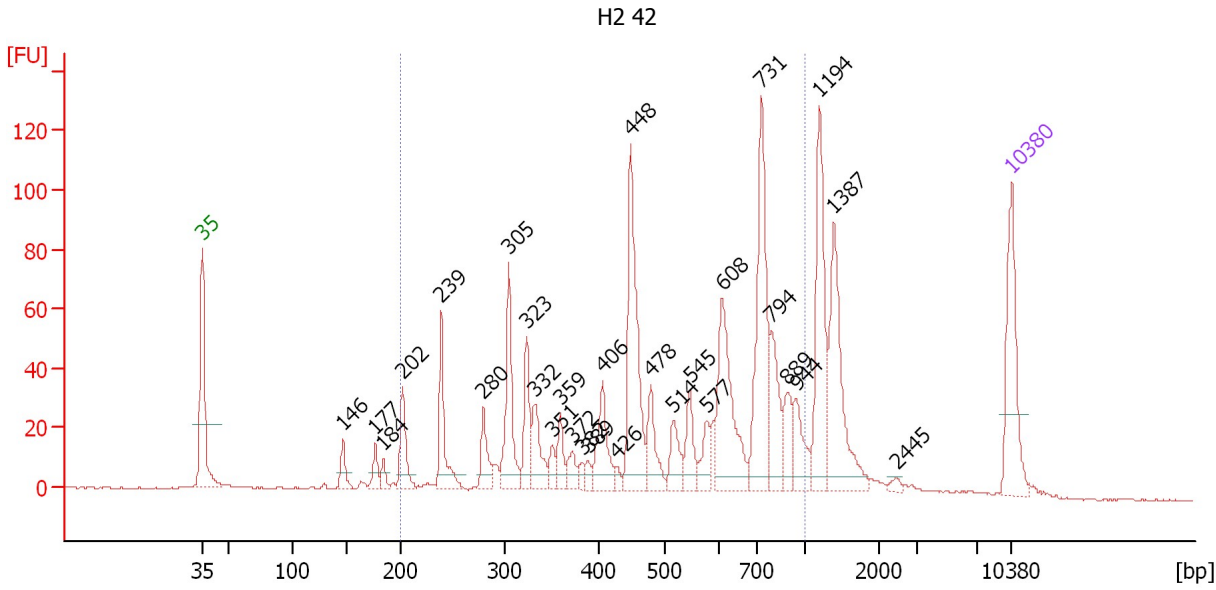
Region table for sample 1 : M2 42

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	513	409.1	686.14	2,740.0	65	41.5

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-29\2018-03-29_003.xad

Created: 3/29/2018 3:30:07 PM
 Modified: 3/29/2018 4:11:25 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : H2 42

Number of peaks found: 29 Corr. Area 1: 1,039.7
 Noise: 0.3

Peak table for sample 2 : H2 42

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	146	23.58	244.1		55.13
3	177	20.01	171.6		57.94
4	184	12.18	100.2		58.63
5	202	50.62	379.6		60.29
6	239	72.22	457.2		63.66
7	280	37.35	202.4		67.30
8	305	90.56	450.5		69.52
9	323	50.68	237.5		71.04
10	332	45.82	209.2		71.73
11	351	14.86	64.2		73.25
12	359	24.56	103.6		73.94
13	372	17.76	72.3		75.00
14	382	8.56	33.9		75.83
15	389	8.69	33.9		76.34
16	406	53.37	199.3		77.58
17	426	7.29	25.9		78.78
18	448	157.47	532.8		80.03
19	478	41.35	131.0		81.78
20	514	32.00	94.3		83.72
21	545	32.87	91.4		85.15
22	577	22.84	60.0		86.62
23	608	117.59	292.8		87.96
24	731	154.31	319.7		91.33
25	794	55.47	105.9		92.20

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-29\2018-03-29_003.xad

Created: 3/29/2018 3:30:07 PM
 Modified: 3/29/2018 4:11:25 PM

Electropherogram Summary Continued ...

... Peak table for sample 2 : H2 42

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	889	30.79	52.5		93.54
27	944	36.32	58.3		94.32
28	1,194	111.68	141.8		96.35
29	1,387	108.78	118.9		97.60
30	2,445	4.37	2.7		102.99
31	10,380	75.00	10.9	Upper Marker	113.00

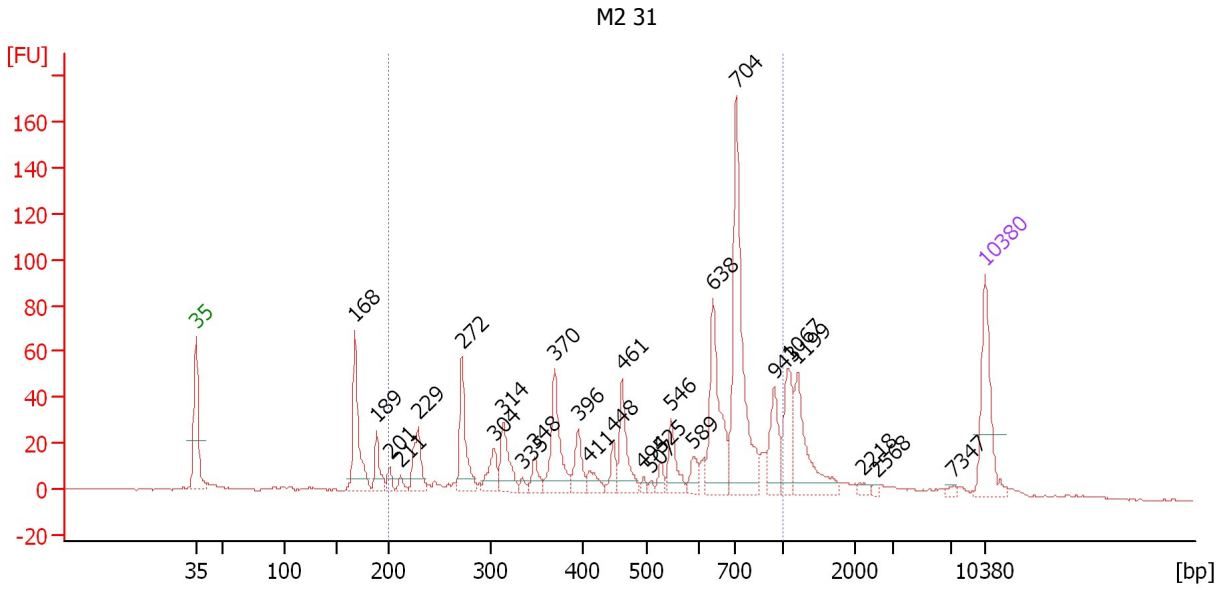
Region table for sample 2 : H2 42

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	535	1,039.7	1,247.39	4,471.1	74	37.5

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-29\2018-03-29_003.xad

Created: 3/29/2018 3:30:07 PM
 Modified: 3/29/2018 4:11:25 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : M2 31

Number of peaks found: 28 Corr. Area 1: 815.0
 Noise: 0.3

Peak table for sample 3 : M2 31

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	168	118.91	1,074.9		57.10
3	189	37.19	298.9		59.04
4	201	12.23	92.3		60.18
5	211	9.76	70.0		61.13
6	229	54.12	357.9		62.74
7	272	81.02	451.3		66.62
8	304	34.63	172.7		69.46
9	314	54.88	265.0		70.26
10	335	6.94	31.4		71.97
11	348	20.16	87.7		73.05
12	370	87.66	359.2		74.81
13	396	34.50	132.0		76.94
14	411	18.53	68.4		77.88
15	448	21.23	71.9		80.01
16	461	60.18	197.6		80.82
17	494	5.60	17.2		82.71
18	507	4.46	13.3		83.37
19	525	12.39	35.8		84.22
20	546	38.33	106.4		85.17
21	589	18.56	47.8		87.16
22	638	116.88	277.5		88.91
23	704	223.30	480.5		90.94
24	943	49.19	79.0		94.30
25	1,067	55.07	78.2		95.54

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-29\2018-03-29_003.xad

Created: 3/29/2018 3:30:07 PM
 Modified: 3/29/2018 4:11:25 PM

Electropherogram Summary Continued ...

... Peak table for sample 3 : M2 31

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	1,199	79.24	100.1		96.39
27	2,218	5.45	3.7		102.26
28	2,568	3.35	2.0		103.39
29	7,347	3.92	0.8		110.25
30	10,380	75.00	10.9	Upper Marker	113.00

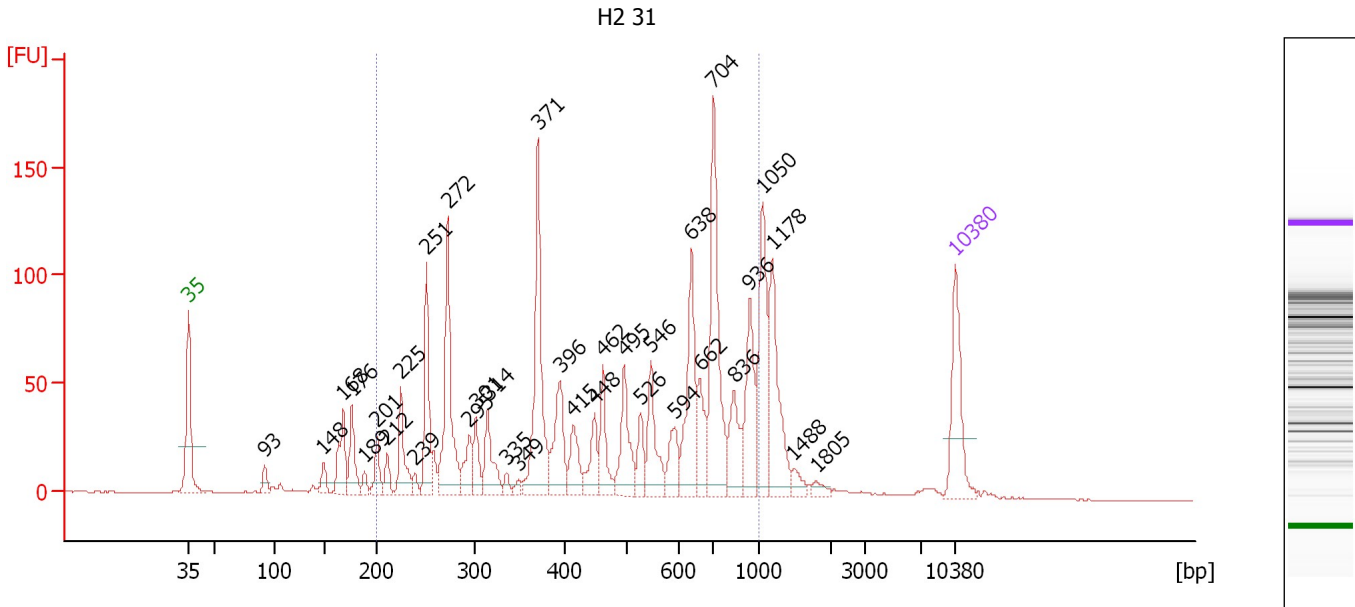
Region table for sample 3 : M2 31

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	559	815.0	1,042.96	3,637.1	72	37.1

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-29\2018-03-29_003.xad

Created: 3/29/2018 3:30:07 PM
 Modified: 3/29/2018 4:11:25 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : H2 31

Number of peaks found: 34 Corr. Area 1: 1,440.1
 Noise: 0.2

Peak table for sample 4 : H2 31

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	93	20.77	340.2		49.96
3	148	20.22	206.5		55.32
4	168	69.54	628.1		57.12
5	176	58.67	504.6		57.90
6	189	12.16	97.6		59.06
7	201	33.46	252.4		60.18
8	212	20.99	150.3		61.16
9	225	65.34	439.8		62.37
10	239	11.80	74.8		63.64
11	251	102.10	616.5		64.71
12	272	167.39	930.8		66.66
13	295	41.51	213.5		68.65
14	301	36.86	185.5		69.24
15	314	57.27	276.1		70.31
16	335	9.98	45.1		72.01
17	349	7.53	32.7		73.13
18	371	190.04	776.7		74.88
19	396	79.64	304.8		76.93
20	415	43.49	158.7		78.15
21	448	41.88	141.6		80.04
22	462	51.71	169.8		80.82
23	495	72.12	220.7		82.77
24	526	31.50	90.7		84.28
25	546	66.87	185.4		85.20

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-29\2018-03-29_003.xad

Created: 3/29/2018 3:30:07 PM
 Modified: 3/29/2018 4:11:25 PM

Electropherogram Summary Continued ...

... Peak table for sample 4 : H2 31

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	594	38.56	98.4		87.39
27	638	115.01	273.1		88.90
28	662	47.92	109.6		89.68
29	704	185.21	398.4		90.95
30	836	55.12	99.9		92.80
31	936	80.81	130.8		94.21
32	1,050	111.11	160.4		95.43
33	1,178	110.64	142.3		96.25
34	1,488	13.00	13.2		98.25
35	1,805	8.73	7.3		100.29
36	10,380	75.00	10.9	Upper Marker	113.00

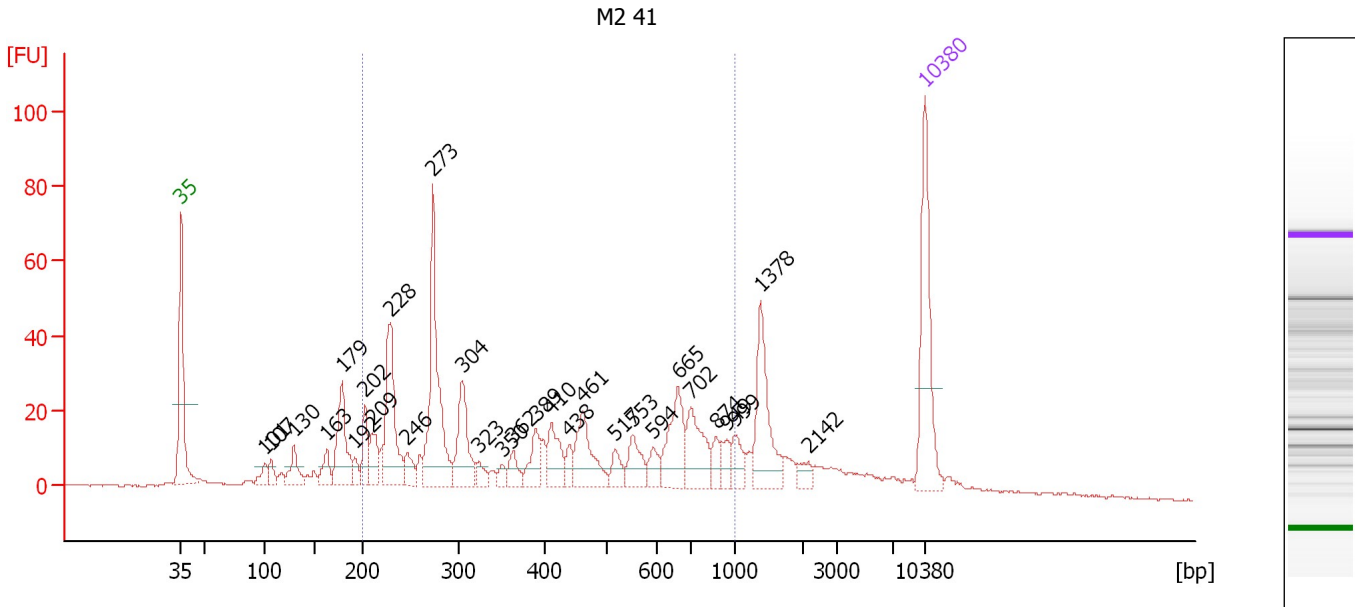
Region table for sample 4 : H2 31

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	525	1,440.1	1,690.70	6,389.0	77	41.0

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-29\2018-03-29_003.xad

Created: 3/29/2018 3:30:07 PM
 Modified: 3/29/2018 4:11:25 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : M2 41

Number of peaks found: 29 Corr. Area 1: 643.6
 Noise: 0.3

Peak table for sample 5 : M2 41

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	101	14.63	219.6		50.88
3	107	12.78	180.4		51.48
4	130	27.81	323.1		53.64
5	163	20.26	188.0		56.70
6	179	70.70	598.6		58.15
7	192	10.79	85.2		59.36
8	202	28.93	216.7		60.31
9	209	28.82	208.5		60.96
10	228	99.07	657.3		62.67
11	246	17.60	108.6		64.23
12	273	144.95	805.2		66.68
13	304	60.59	301.7		69.49
14	323	10.86	51.0		71.00
15	350	7.41	32.1		73.21
16	362	16.09	67.2		74.21
17	389	25.17	98.0		76.37
18	410	34.02	125.8		77.82
19	438	11.21	38.7		79.48
20	461	50.75	166.8		80.78
21	517	15.11	44.3		83.85
22	553	25.69	70.4		85.50
23	594	14.51	37.0		87.41
24	665	52.04	118.6		89.77
25	702	48.29	104.2		90.92

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-29\2018-03-29_003.xad


Created: 3/29/2018 3:30:07 PM
 Modified: 3/29/2018 4:11:25 PM

Electropherogram Summary Continued ...

... Peak table for sample 5 : M2 41

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	874	12.08	21.0		93.33
27	949	11.61	18.5		94.38
28	999	16.74	25.4		95.09
29	1,378	61.64	67.8		97.54
30	2,142	8.24	5.8		102.01
31	10,380	75.00	10.9	Upper Marker	113.00

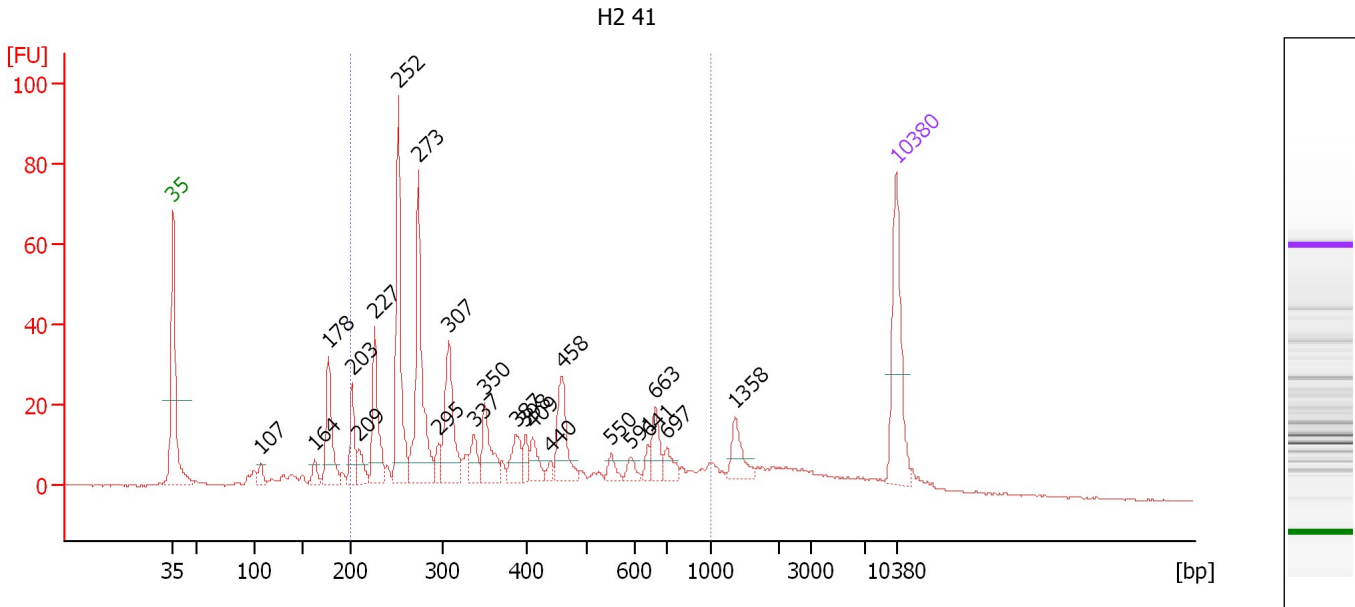
Region table for sample 5 : M2 41

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	450	643.6	822.94	3,665.8	 66	46.2

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-29\2018-03-29_003.xad

Created: 3/29/2018 3:30:07 PM
 Modified: 3/29/2018 4:11:25 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : H2 41

Number of peaks found: 23 Corr. Area 1: 574.0
 Noise: 0.3

Peak table for sample 6 : H2 41

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	107	12.45	175.9		51.47
3	164	12.96	120.0		56.73
4	178	74.73	637.8		58.02
5	203	40.58	303.4		60.35
6	209	20.22	146.6		60.91
7	227	72.84	487.0		62.51
8	252	140.40	845.0		64.78
9	273	146.83	813.5		66.75
10	295	15.42	79.3		68.66
11	307	84.60	417.9		69.69
12	337	21.30	95.9		72.12
13	350	42.56	184.3		73.20
14	387	26.06	102.1		76.19
15	398	13.07	49.7		77.12
16	409	19.89	73.6		77.79
17	440	5.98	20.6		79.55
18	458	53.20	175.9		80.63
19	550	10.21	28.1		85.38
20	591	9.31	23.8		87.29
21	641	6.87	16.2		89.00
22	663	24.86	56.8		89.72
23	697	14.15	30.8		90.80
24	1,358	23.58	26.3		97.41
25	10,380	75.00	10.9	Upper Marker	113.00


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-29\2018-03-29_003.xad

Created: 3/29/2018 3:30:07 PM
Modified: 3/29/2018 4:11:25 PM

Electropherogram Summary Continued ...

... Region table for sample 6 :

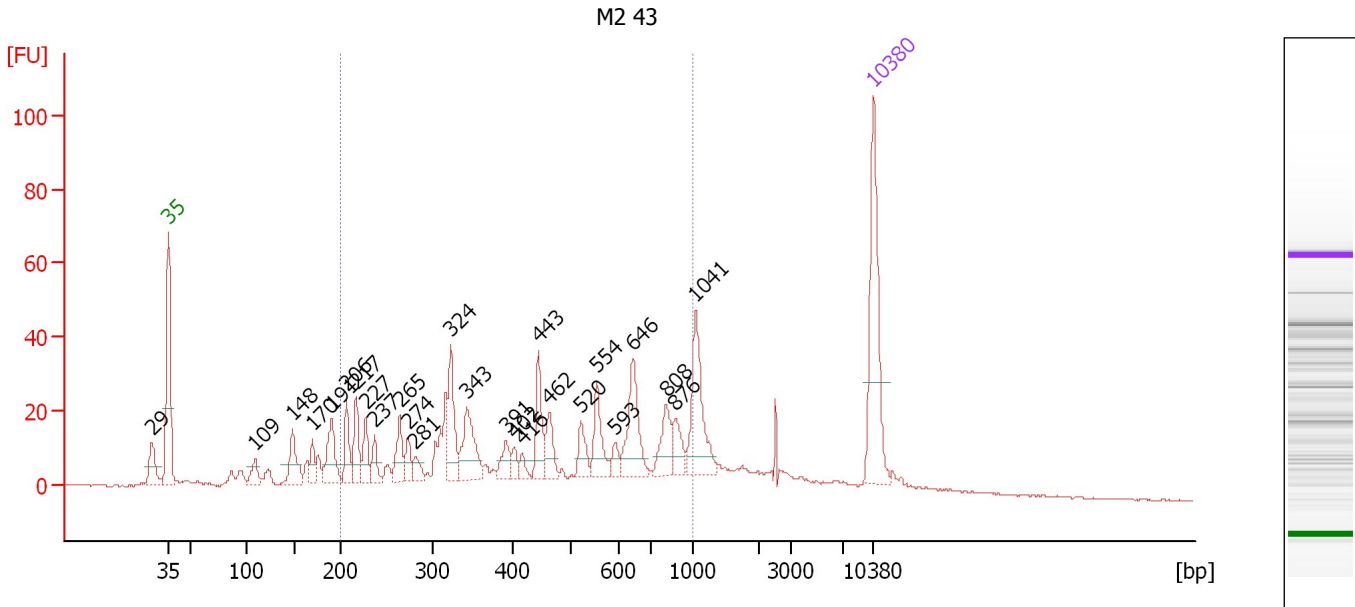
H2 41

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	393	574.0	971.78	4,627.4	 72	44.5

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-29\2018-03-29_003.xad

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Electropherogram Summary Continued ...



Overall Results for sample 7 : M2 43

Number of peaks found: 26 Corr. Area 1: 566.0
 Noise: 0.2

Peak table for sample 7 : M2 43

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	29	0.00	0.0		41.36
2	35	125.00	5,411.3	Lower Marker	43.00
3	109	17.68	245.8		51.63
4	148	35.13	359.6		55.28
5	170	15.99	142.8		57.30
6	191	39.87	316.6		59.26
7	206	26.78	196.6		60.69
8	217	30.49	212.9		61.64
9	227	22.04	146.8		62.59
10	237	15.35	98.0		63.49
11	265	25.66	146.7		65.98
12	274	14.67	81.0		66.83
13	281	11.70	63.0		67.46
14	324	45.23	211.7		71.06
15	343	46.65	205.9		72.65
16	391	15.98	61.9		76.52
17	402	8.18	30.8		77.36
18	416	6.93	25.3		78.16
19	443	32.58	111.4		79.75
20	462	21.33	69.9		80.86
21	520	17.79	51.8		83.98
22	554	29.38	80.3		85.57
23	593	8.37	21.4		87.37
24	646	47.47	111.3		89.17
25	808	25.43	47.7		92.40

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-29\2018-03-29_003.xad

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Electropherogram Summary Continued ...

... Peak table for sample 7 : M2 43

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	876	17.48	30.3		93.36
27	1,041	56.21	81.8		95.37
28	10,380	75.00	10.9	Upper Marker	113.00

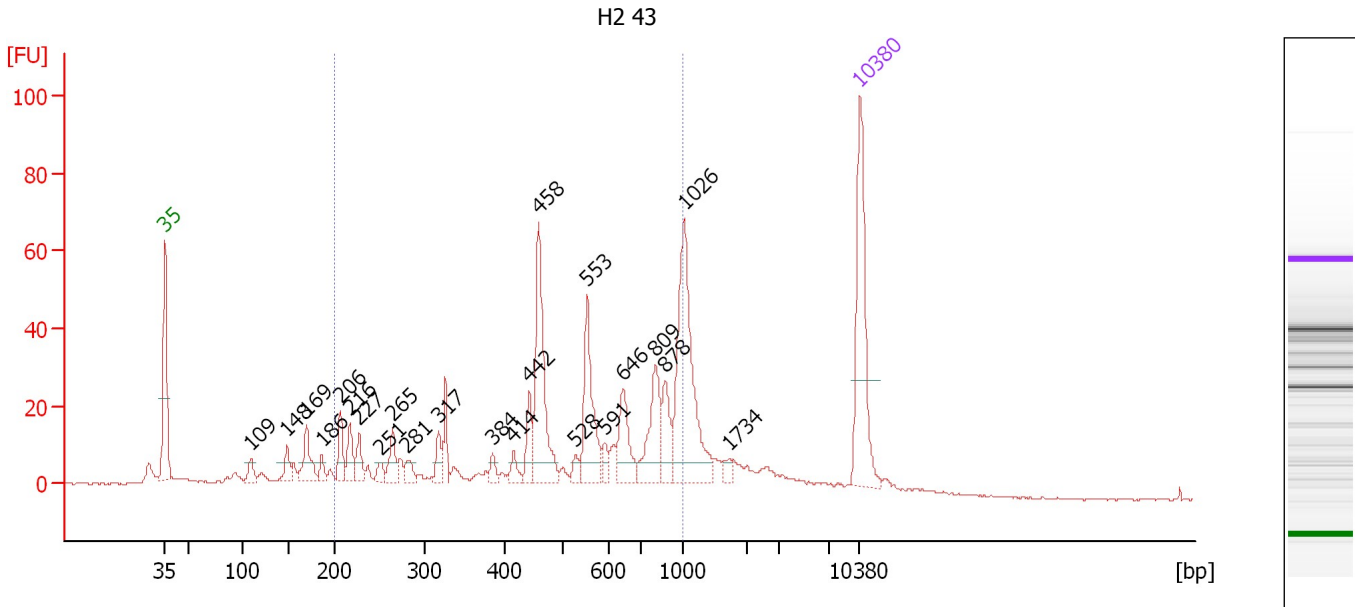
Region table for sample 7 : M2 43

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/ μ l]	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]
200	1,000	482	566.0	715.25	2,937.3	64	43.2

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-29\2018-03-29_003.xad

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Electropherogram Summary Continued ...



Overall Results for sample 8 : H2 43

Number of peaks found: 23 Corr. Area 1: 522.4
 Noise: 0.2

Peak table for sample 8 : H2 43


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	109	11.35	157.5		51.65
3	148	15.58	159.3		55.30
4	169	31.10	278.8		57.24
5	186	8.82	71.9		58.79
6	206	21.13	155.2		60.67
7	216	20.78	145.5		61.59
8	227	16.54	110.4		62.55
9	251	8.11	49.0		64.70
10	265	19.22	110.1		65.94
11	281	9.50	51.3		67.39
12	317	13.98	66.9		70.51
13	384	7.32	28.8		75.99
14	414	8.69	31.8		78.08
15	442	20.68	70.9		79.69
16	458	92.39	305.8		80.61
17	528	7.34	21.1		84.37
18	553	59.18	162.3		85.49
19	591	7.88	20.2		87.27
20	646	34.18	80.2		89.15
21	809	43.41	81.3		92.42
22	878	24.77	42.7		93.39
23	1,026	116.34	171.9		95.27
24	1,734	4.75	4.1		99.84
25	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-29\2018-03-29_003.xad

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Electropherogram Summary Continued ...

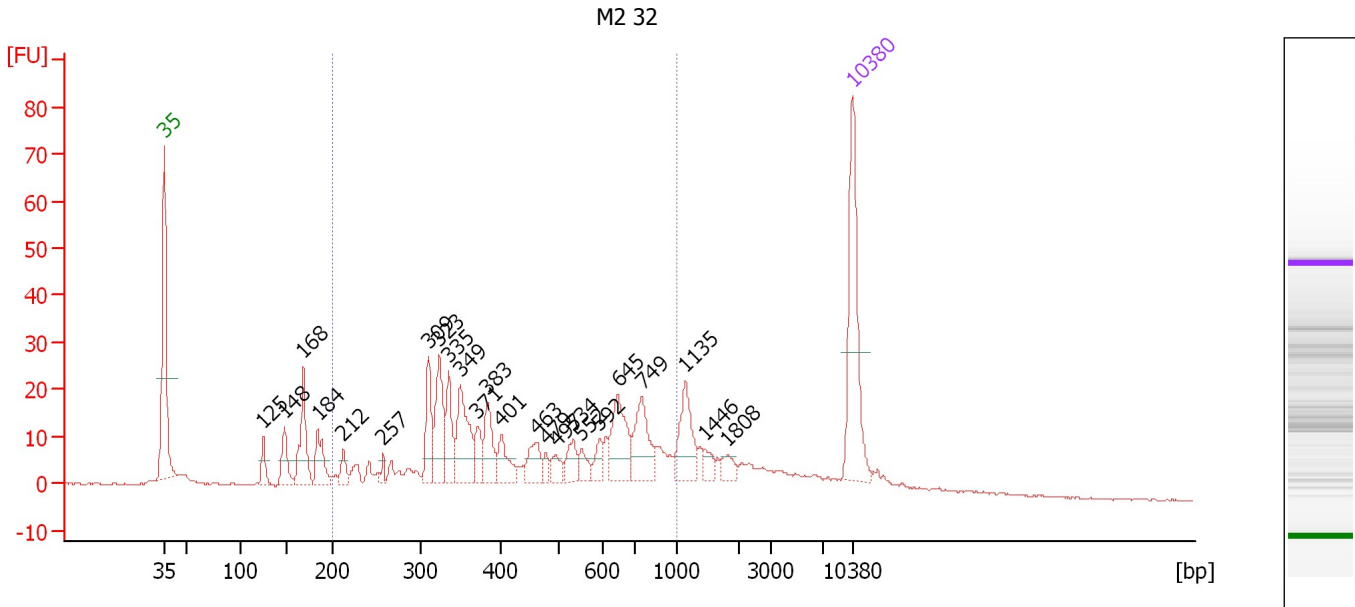
... Region table for sample 8 : H2 43

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	551	522.4	618.21	2,263.2	 65	40.7

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-29\2018-03-29_003.xad

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Electropherogram Summary Continued ...



Overall Results for sample 9 : M2 32

Number of peaks found: 24 Corr. Area 1: 416.3
 Noise: 0.2

Peak table for sample 9 : M2 32

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	17.50	212.9		53.09
3	148	28.24	289.7		55.25
4	168	52.67	474.6		57.15
5	184	31.18	256.8		58.62
6	212	12.28	87.6		61.22
7	257	5.86	34.6		65.23
8	309	37.56	184.0		69.89
9	323	51.44	241.6		70.98
10	335	33.44	151.4		71.95
11	349	56.27	244.0		73.15
12	371	18.74	76.6		74.88
13	383	30.70	121.5		75.86
14	401	22.19	83.8		77.32
15	463	21.45	70.2		80.90
16	479	6.56	20.8		81.82
17	497	11.06	33.7		82.85
18	534	16.23	46.0		84.64
19	552	10.74	29.5		85.46
20	592	11.52	29.5		87.30
21	645	45.22	106.2		89.14
22	749	40.75	82.4		91.58
23	1,135	36.58	48.8		95.97
24	1,446	7.78	8.2		97.98
25	1,808	7.98	6.7		100.31

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-29\2018-03-29_003.xad

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Electropherogram Summary Continued ...

... Peak table for sample 9 : M2 32

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

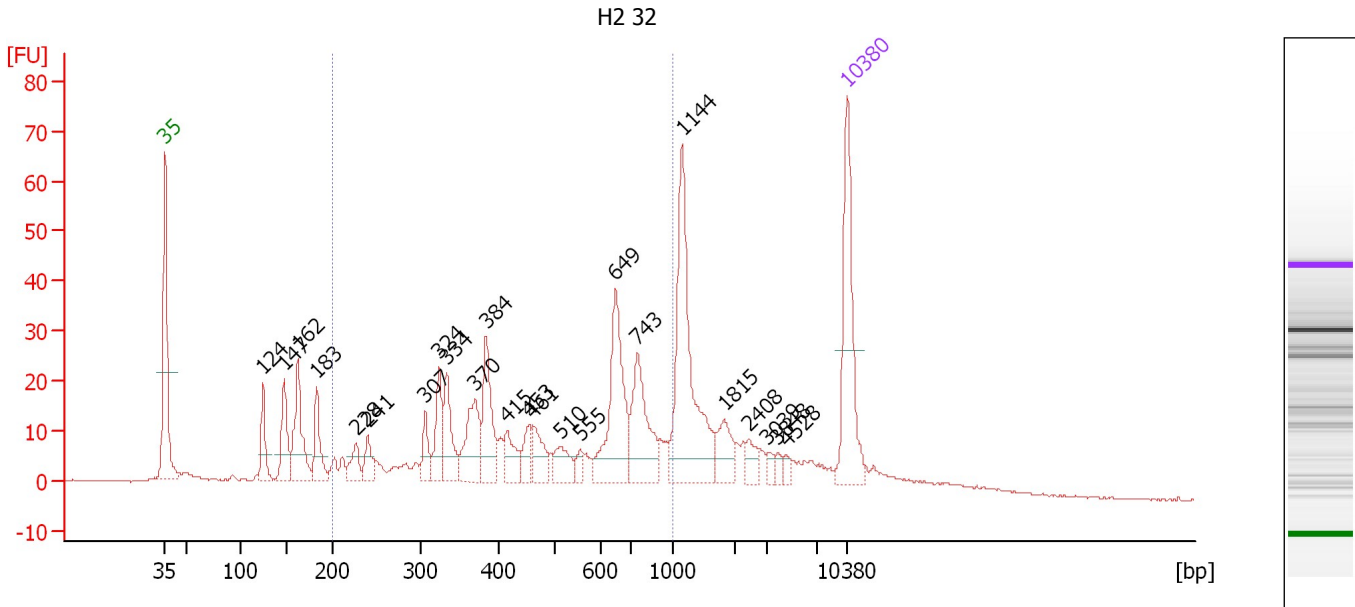
Region table for sample 9 : M2 32

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	485	416.3	614.76	2,359.6	65	39.0

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-29\2018-03-29_003.xad

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Electropherogram Summary Continued ...



Overall Results for sample 10 : H2 32

Number of peaks found: 24 Corr. Area 1: 457.9
 Noise: 0.2

Peak table for sample 10 : H2 32

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	124	35.56	433.2		53.07
3	147	46.63	480.0		55.20
4	162	68.17	635.7		56.63
5	183	35.52	293.8		58.54
6	228	19.38	129.1		62.59
7	241	19.15	120.5		63.80
8	307	20.42	100.8		69.71
9	324	36.03	168.6		71.08
10	334	41.75	189.4		71.90
11	370	49.85	204.3		74.80
12	384	53.33	210.5		75.95
13	415	24.03	87.7		78.14
14	453	17.80	59.5		80.33
15	461	23.32	76.6		80.82
16	510	22.00	65.4		83.50
17	555	7.89	21.6		85.58
18	649	92.75	216.6		89.25
19	743	65.27	133.1		91.49
20	1,144	137.22	181.7		96.03
21	1,815	22.34	18.7		100.36
22	2,408	10.14	6.4		102.87
23	3,039	4.59	2.3		104.85
24	3,848	4.42	1.7		105.89
25	4,528	4.63	1.5		106.76

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-29\2018-03-29_003.xad

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Electropherogram Summary Continued ...**... Peak table for sample 10 : H2 32**

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

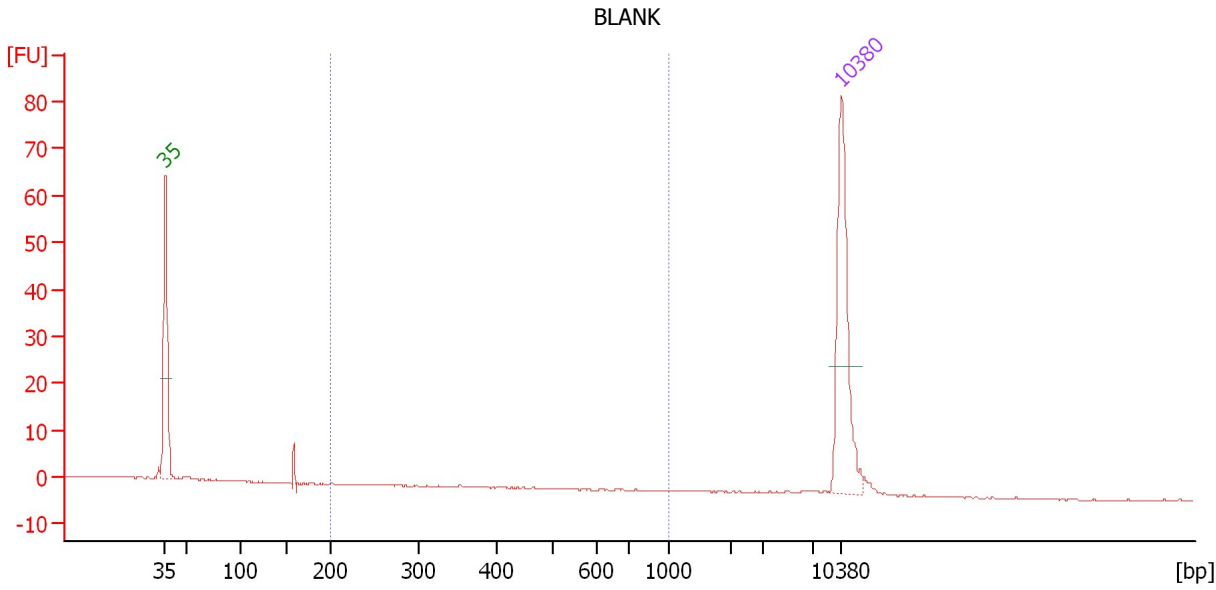
Region table for sample 10 : H2 32

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	505	457.9	664.31	2,482.7	55	38.4

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-29\2018-03-29_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: 0.1

Peak table for sample 11 : BLANK

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	10,380	75.00	10.9	Upper Marker	113.00

Region table for sample 11 : BLANK

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	448	0.0	0.00	0.0	0	0.0

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-29\2018-03-29_003.xad

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Modified: 3/29/2018 4:11:25 PM

Gel Image

