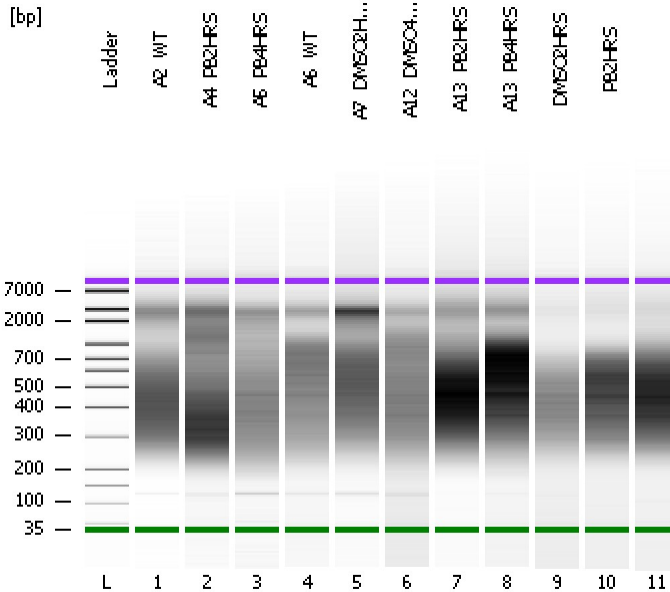


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2017-11-09\2017-11-09_001.xad

Created: 11/9/2017 2:33:11 PM
Modified: 11/9/2017 3:15:13 PM

Electrophoresis File Run Summary



Instrument Information:

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

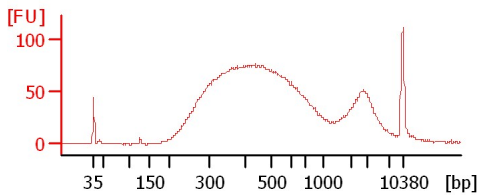
Assay Information:

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

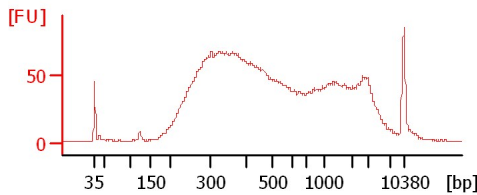
Chip Information:

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

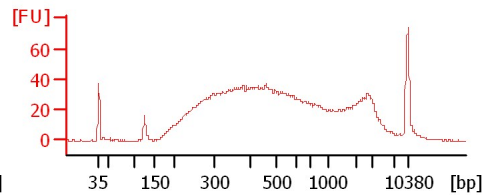
A2_WT



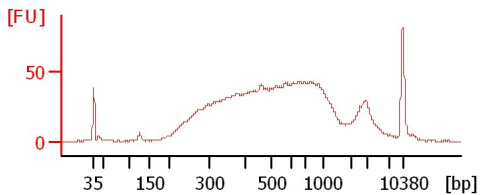
A4_PB2HRS



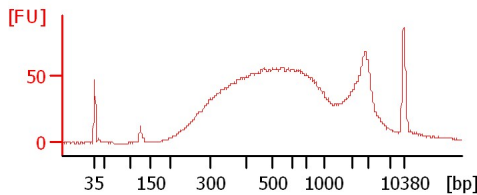
A5_PB4HRS



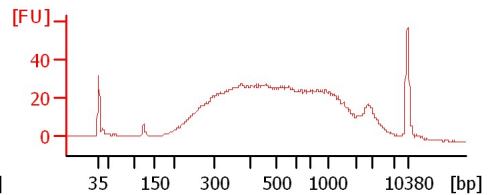
A6_WT



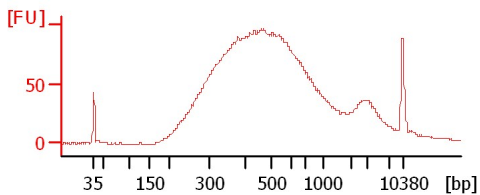
A7_DMSO2HRS



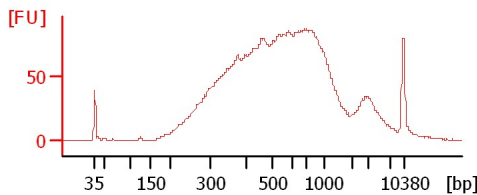
A12_DMSO4HRS



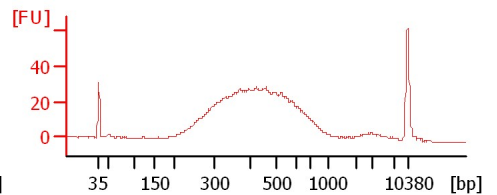
A13_PB2HRS



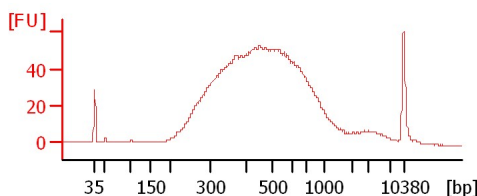
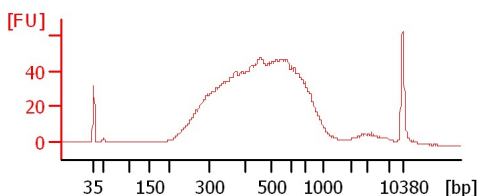
A13_PB4HRS



DMSO2HRS



PB2HRS



Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2017-11-09\2017-11-09_001.xad

Created: 11/9/2017 2:33:11 PM
Modified: 11/9/2017 3:15:13 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
A2_WT		<input type="checkbox"/>	✓			
A4_PB2HRS		<input type="checkbox"/>	✓			
A5_PB4HRS		<input type="checkbox"/>	✓			
A6_WT		<input type="checkbox"/>	✓			
A7_DMSO2HRS		<input type="checkbox"/>	✓			
A12_DMSO4HRS		<input type="checkbox"/>	✓			
A13_PB2HRS		<input type="checkbox"/>	✓			
A13_PB4HRS		<input type="checkbox"/>	✓			
DMSO2HRS		<input type="checkbox"/>	✓			
PB2HRS		<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\2017-11-09\2017-11-09_001.xad

Created: 11/9/2017 2:33:11 PM
Modified: 11/9/2017 3:15:13 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

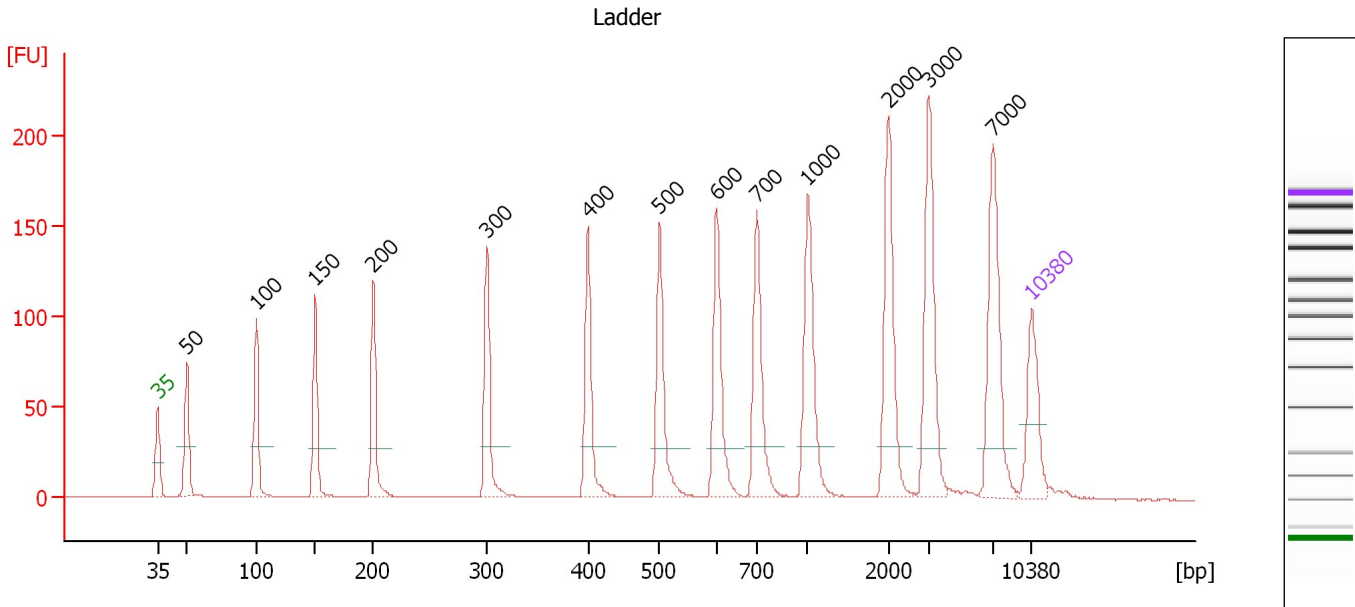
Ladder

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\2017-11-09\2017-11-09_001.xad

Created: 11/9/2017 2:33:11 PM
 Modified: 11/9/2017 3:15:13 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.1

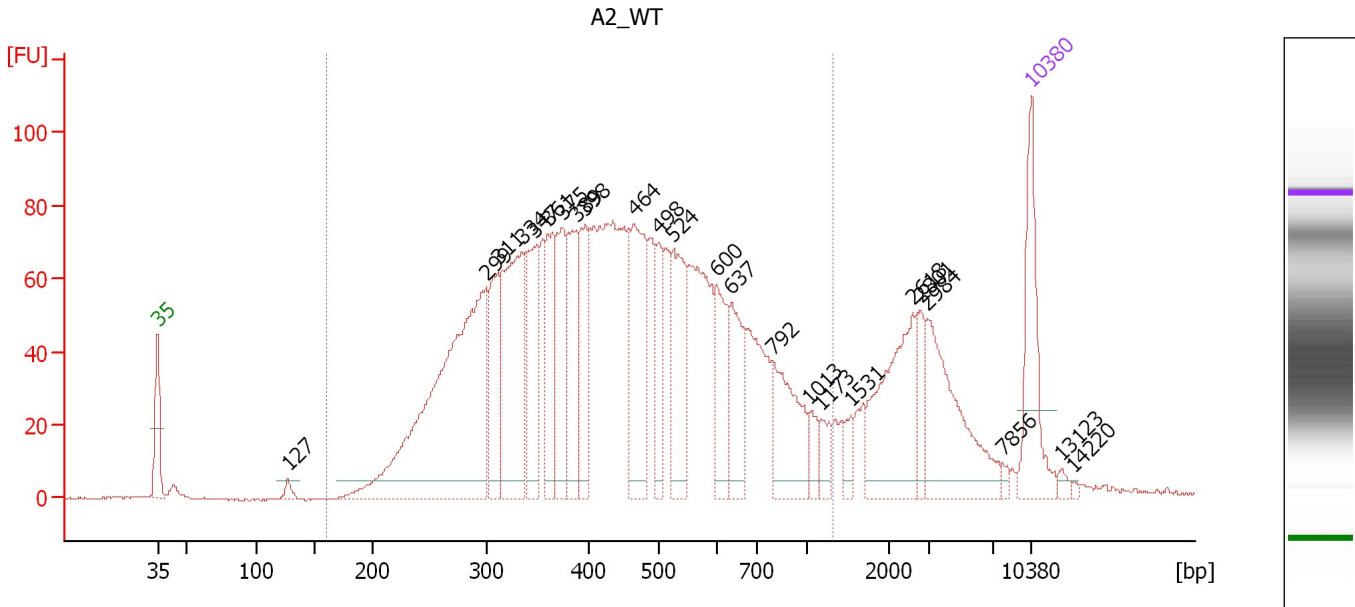
Peak table for Ladder

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	45.34
3	100	150.00	2,272.7	Ladder Peak	50.91
4	150	150.00	1,515.2	Ladder Peak	55.65
5	200	150.00	1,136.4	Ladder Peak	60.29
6	300	150.00	757.6	Ladder Peak	69.43
7	400	150.00	568.2	Ladder Peak	77.49
8	500	150.00	454.5	Ladder Peak	83.25
9	600	150.00	378.8	Ladder Peak	87.79
10	700	150.00	324.7	Ladder Peak	91.07
11	1,000	150.00	227.3	Ladder Peak	95.12
12	2,000	150.00	113.6	Ladder Peak	101.57
13	3,000	150.00	75.8	Ladder Peak	104.79
14	7,000	150.00	32.5	Ladder Peak	109.97
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-11-09\2017-11-09_001.xad

Created: 11/9/2017 2:33:11 PM
 Modified: 11/9/2017 3:15:13 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : A2_WT

Number of peaks found: 24 Corr. Area 1: 2,442.9
 Noise: 0.2

Peak table for sample 1 : A2_WT

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	127	9.56	114.1		53.47
3	299	456.48	2,316.2		69.30
4	311	85.95	419.3		70.28
5	334	198.20	898.0		72.20
6	347	104.49	456.0		73.23
7	361	85.99	360.7		74.36
8	375	94.48	381.5		75.49
9	389	87.05	339.3		76.57
10	398	86.35	328.9		77.31
11	464	134.82	439.9		81.20
12	498	53.86	163.7		83.16
13	524	99.10	286.6		84.34
14	600	65.79	166.2		87.78
15	637	72.46	172.3		89.01
16	792	87.76	168.0		92.30
17	1,013	17.90	26.8		95.21
18	1,173	16.81	21.7		96.24
19	1,531	13.00	12.9		98.55
20	2,618	109.40	63.3		103.56
21	2,801	25.10	13.6		104.15
22	2,984	107.61	54.6		104.74
23	7,856	3.89	0.8		110.74
24	10,380	75.00	10.9	Upper Marker	113.00
25	13,123	0.00	0.0		115.46

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2017-11-09\2017-11-09_001.xad

Created: 11/9/2017 2:33:11 PM
Modified: 11/9/2017 3:15:13 PM

Electropherogram Summary Continued ...**... Peak table for sample 1 : A2_WT**

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	14,220	0.00	0.0		116.44

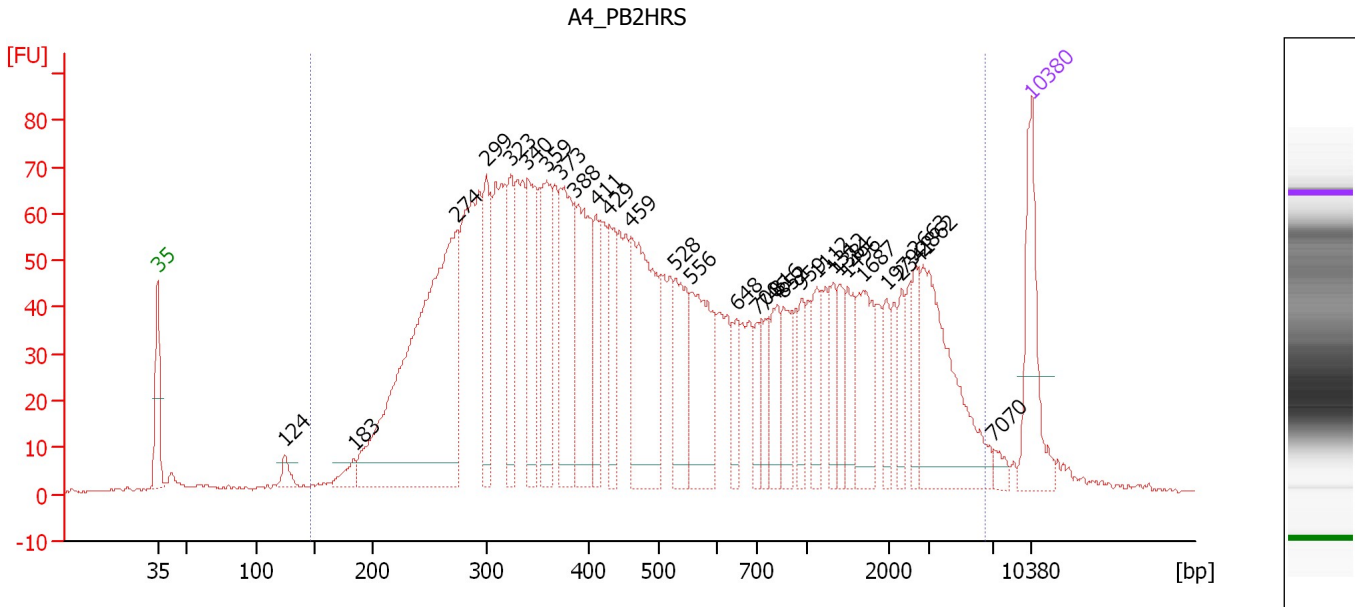
Region table for sample 1 : A2_WT

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/ μ l]	% of Total	Size distribution in CV [%]
159	1,308	470	2,442.9	9,764.4	2,515.34	84	40.2

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-11-09\2017-11-09_001.xad

Created: 11/9/2017 2:33:11 PM
 Modified: 11/9/2017 3:15:13 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : A4 PB2HRS

Number of peaks found: 30 Corr. Area 1: 2,866.9
 Noise: 0.4

Peak table for sample 2 : A4 PB2HRS

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	16.49	201.5		53.18
3	183	18.75	155.2		58.72
4	274	560.91	3,105.0		67.03
5	299	95.93	485.9		69.35
6	323	92.32	433.1		71.28
7	340	118.81	529.3		72.66
8	359	125.58	529.8		74.19
9	373	140.10	569.7		75.28
10	388	143.02	558.5		76.52
11	411	62.31	229.4		78.15
12	429	68.41	241.4		79.19
13	459	194.01	639.7		80.92
14	528	80.87	232.1		84.53
15	556	120.15	327.2		85.81
16	648	31.40	73.4		89.37
17	700	31.22	67.6		91.05
18	746	31.02	63.0		91.69
19	816	45.73	84.9		92.63
20	852	42.67	75.9		93.13
21	959	32.25	51.0		94.56
22	1,112	37.63	51.3		95.85
23	1,312	30.28	35.0		97.13
24	1,381	32.09	35.2		97.58
25	1,496	36.93	37.4		98.32

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-11-09\2017-11-09_001.xad

Created: 11/9/2017 2:33:11 PM
 Modified: 11/9/2017 3:15:13 PM

Electropherogram Summary Continued ...

... Peak table for sample 2 : A4_PB2HRS

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	1,687	63.78	57.3		99.55
27	1,979	26.40	20.2		101.43
28	2,341	25.22	16.3		102.67
29	2,663	32.45	18.5		103.71
30	2,862	141.58	74.9		104.35
31	7,070	8.74	1.9		110.03
32	10,380	75.00	10.9	Upper Marker	113.00

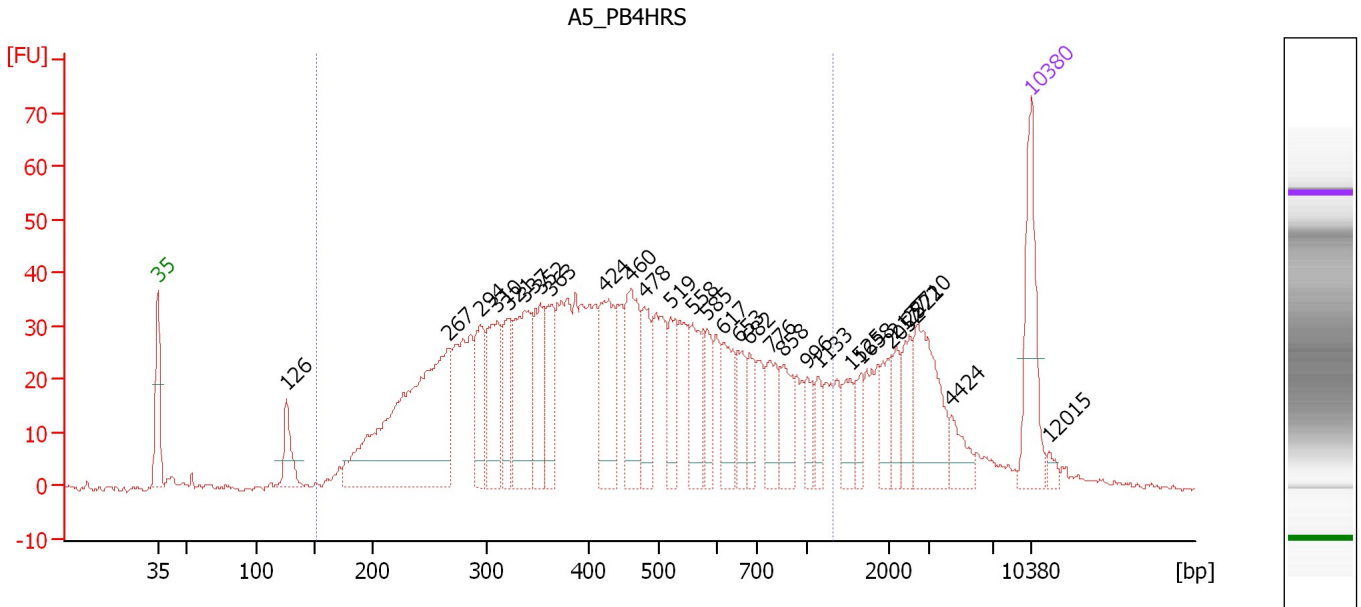
Region table for sample 2 : A4_PB2HRS

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/ μ l]	% of Total	Size distribution in CV [%]
146	6,475	905	2,866.9	14,146.6	3,742.97	95	100.0

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-11-09\2017-11-09_001.xad

Created: 11/9/2017 2:33:11 PM
 Modified: 11/9/2017 3:15:13 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : A5_PB4HRS

Number of peaks found: 29 Corr. Area 1: 1,389.2
 Noise: 0.4

Peak table for sample 3 : A5_PB4HRS

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	126	48.41	583.3		53.35
3	267	387.63	2,202.3		66.38
4	294	73.55	378.6		68.91
5	310	101.10	494.3		70.22
6	321	60.70	286.9		71.08
7	337	124.83	561.5		72.39
8	352	76.55	329.0		73.66
9	363	60.05	250.5		74.52
10	424	102.69	367.2		78.86
11	460	94.97	313.0		80.93
12	478	57.02	180.7		81.99
13	519	45.90	134.0		84.11
14	558	57.70	156.7		85.88
15	585	38.33	99.4		87.09
16	617	45.80	112.4		88.35
17	653	30.82	71.6		89.52
18	682	27.87	61.9		90.47
19	776	44.54	87.0		92.09
20	858	40.30	71.2		93.20
21	996	22.40	34.1		95.07
22	1,133	20.19	27.0		95.98
23	1,525	28.03	27.9		98.51
24	1,658	18.88	17.3		99.36
25	2,052	26.04	19.2		101.74

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-11-09\2017-11-09_001.xad

Created: 11/9/2017 2:33:11 PM
 Modified: 11/9/2017 3:15:13 PM

Electropherogram Summary Continued ...

... Peak table for sample 3 : A5_PB4HRS

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	2,177	21.89	15.2		102.14
27	2,522	29.68	17.8		103.25
28	2,710	82.04	45.9		103.86
29	4,424	22.73	7.8		106.64
30	10,380	75.00	10.9	Upper Marker	113.00
31	12,015	0.00	0.0		114.46

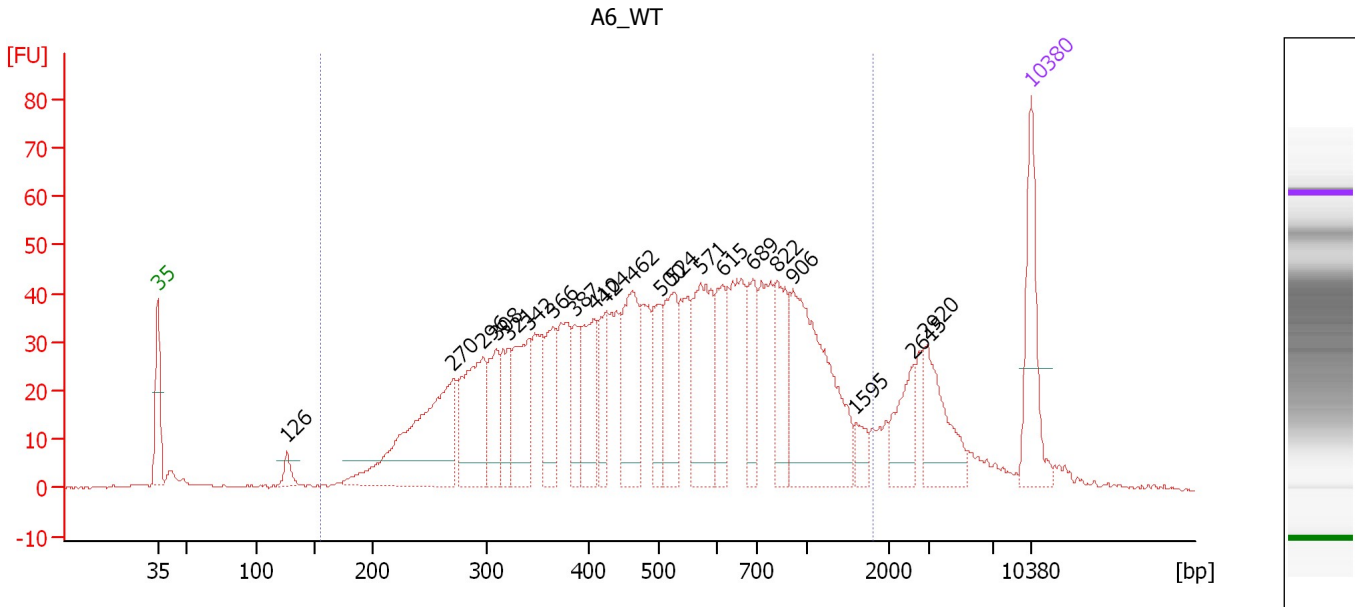
Region table for sample 3 : A5_PB4HRS

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
150	1,321	476	1,389.2	9,869.8	2,375.10	80	47.3

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-11-09\2017-11-09_001.xad

Created: 11/9/2017 2:33:11 PM
 Modified: 11/9/2017 3:15:13 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : A6_WT

Number of peaks found: 21 Corr. Area 1: 1,554.3
 Noise: 0.2

Peak table for sample 4 : A6_WT

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	126	17.59	211.5		53.38
3	270	241.22	1,353.2		66.69
4	296	137.91	705.8		69.07
5	308	67.80	333.1		70.10
6	321	54.43	256.8		71.13
7	342	104.73	464.4		72.79
8	366	73.58	304.6		74.75
9	387	48.31	189.1		76.45
10	410	84.61	312.8		78.05
11	424	49.01	175.1		78.88
12	462	114.72	376.4		81.05
13	500	56.20	170.2		83.27
14	524	84.59	244.5		84.35
15	571	120.12	318.9		86.47
16	615	59.87	147.6		88.27
17	689	61.66	135.6		90.70
18	822	75.26	138.8		92.71
19	906	205.10	343.1		93.85
20	1,595	17.37	16.5		98.96
21	2,615	41.84	24.2		103.55
22	2,920	68.41	35.5		104.53
23	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2017-11-09\2017-11-09_001.xad

Created: 11/9/2017 2:33:11 PM
Modified: 11/9/2017 3:15:13 PM

Electropherogram Summary Continued ...

... Region table for sample 4 :

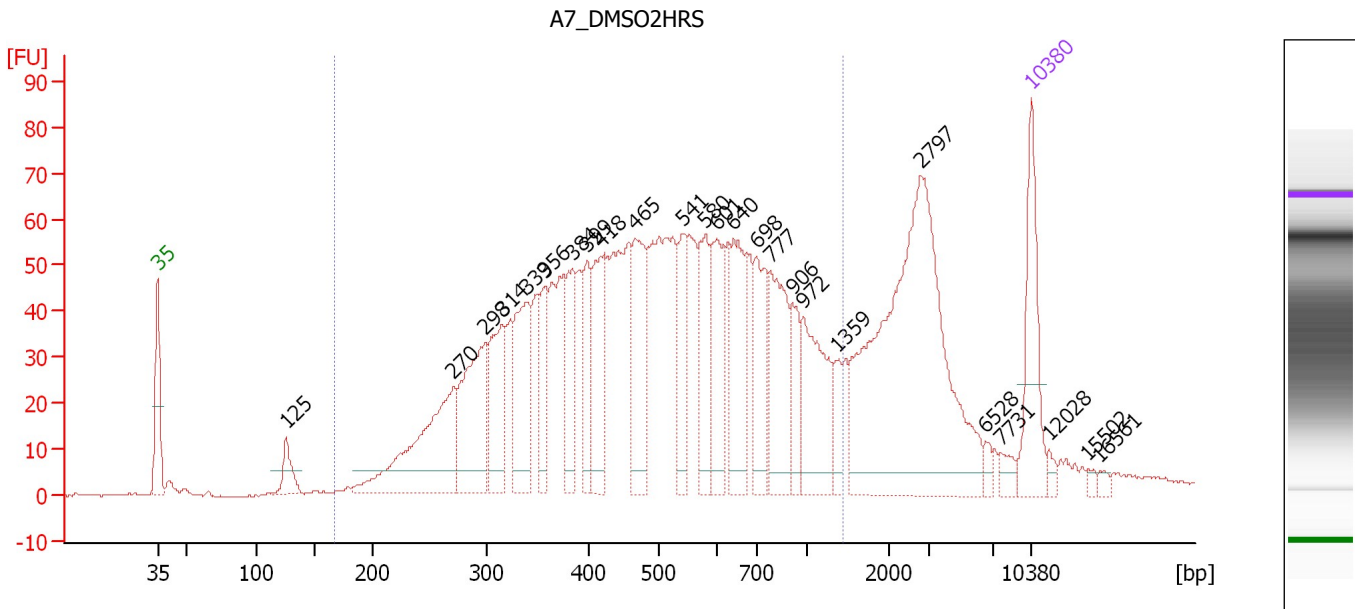
A6 WT

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
154	1,801	575	1,554.3	8,656.6	2,386.77	86	53.5

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-11-09\2017-11-09_001.xad

Created: 11/9/2017 2:33:11 PM
 Modified: 11/9/2017 3:15:13 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : A7_DMSO2HRS

Number of peaks found: 25 Corr. Area 1: 1,872.8
 Noise: 0.3

Peak table for sample 5 : A7_DMSO2HRS

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	33.83	409.9		53.29
3	270	191.12	1,072.6		66.69
4	298	147.26	749.5		69.22
5	314	98.78	476.0		70.59
6	339	115.45	516.6		72.54
7	356	61.23	260.4		73.96
8	384	71.43	281.5		76.23
9	399	57.93	220.1		77.39
10	418	85.30	309.5		78.50
11	465	111.81	364.2		81.24
12	541	61.39	172.1		85.09
13	580	77.52	202.5		86.89
14	601	78.70	198.3		87.84
15	640	97.36	230.5		89.10
16	698	76.08	165.1		91.00
17	777	103.89	202.5		92.11
18	906	43.89	73.4		93.85
19	972	98.19	153.0		94.75
20	1,359	21.50	24.0		97.44
21	2,797	379.00	205.3		104.14
22	6,528	7.55	1.8		109.36
23	7,731	10.72	2.1		110.63
24	10,380	75.00	10.9	Upper Marker	113.00
25	12,028	0.00	0.0		114.48

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-11-09\2017-11-09_001.xad

Created: 11/9/2017 2:33:11 PM
 Modified: 11/9/2017 3:15:13 PM

Electropherogram Summary Continued ...

... Peak table for sample 5 : A7_DMSO2HRS

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	15,502	0.00	0.0		117.59
27	16,561	0.00	0.0		118.54

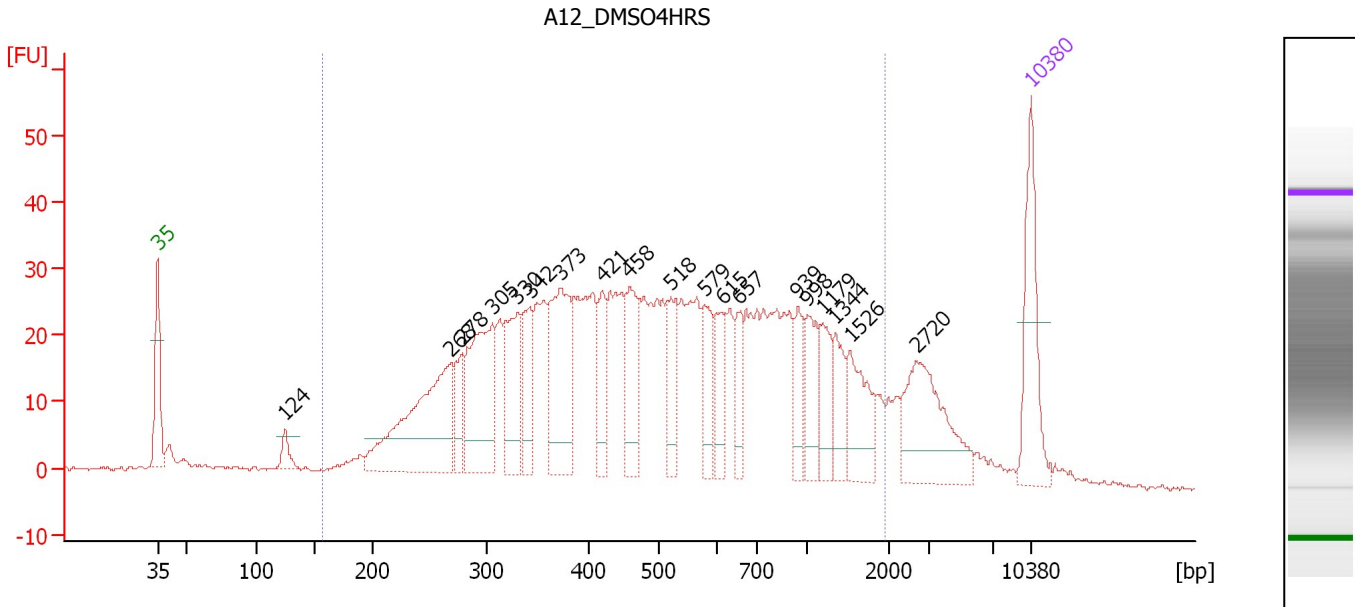
Region table for sample 5 : A7_DMSO2HRS

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
167	1,427	537	1,872.8	8,923.1	2,497.48	77	44.7

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-11-09\2017-11-09_001.xad

Created: 11/9/2017 2:33:11 PM
 Modified: 11/9/2017 3:15:13 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : A12_DMSO4HRS

Number of peaks found: 19 Corr. Area 1: 1,146.2
 Noise: 0.3

Peak table for sample 6 : A12_DMSO4HRS

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	20.72	252.3		53.23
3	268	217.69	1,231.3		66.49
4	278	39.75	216.3		67.45
5	305	161.34	800.9		69.85
6	330	96.35	442.8		71.82
7	342	56.64	250.7		72.83
8	373	146.33	594.9		75.28
9	421	50.04	180.1		78.69
10	458	74.83	247.6		80.82
11	518	51.83	151.6		84.07
12	579	48.15	126.0		86.84
13	615	45.68	112.6		88.28
14	657	34.81	80.3		89.67
15	939	35.60	57.4		94.30
16	998	46.26	70.2		95.10
17	1,179	38.30	49.2		96.27
18	1,344	37.00	41.7		97.34
19	1,526	58.73	58.3		98.51
20	2,720	98.77	55.0		103.89
21	10,380	75.00	10.9	Upper Marker	113.00

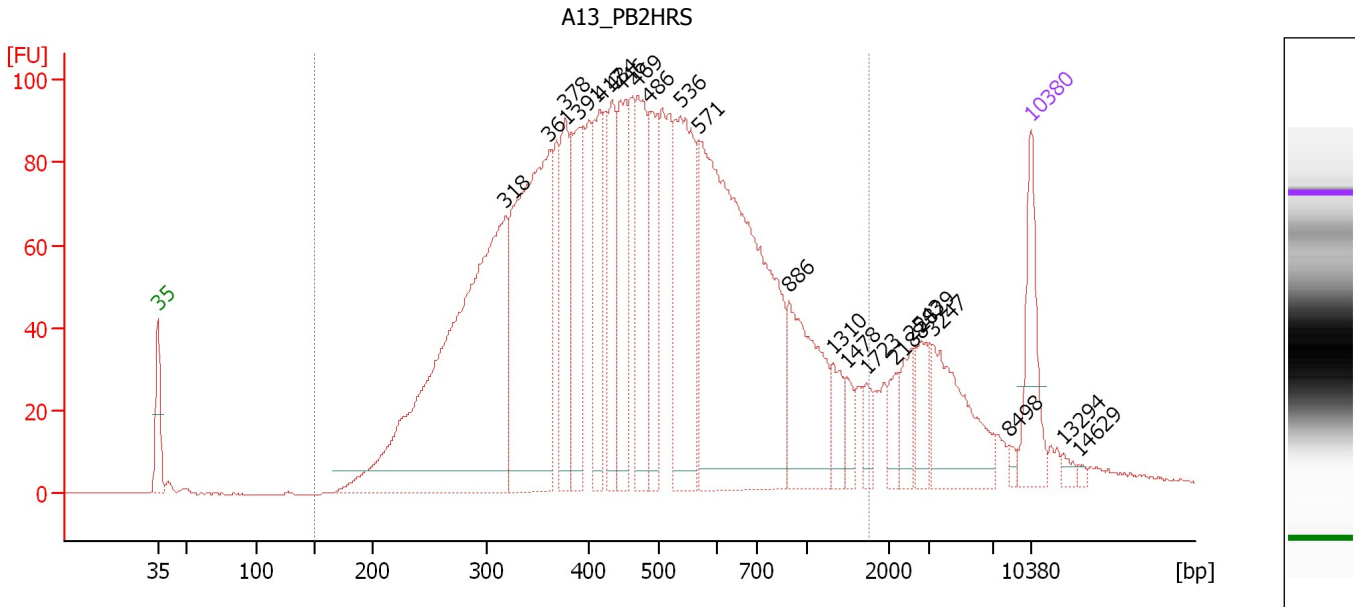
Region table for sample 6 : A12_DMSO4HRS

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. [pg/μl]	% of Total	Size distribution in CV [%]
156	1,955	602	1,146.2	8,344.9	2,274.11	87	62.0

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-11-09\2017-11-09_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 7 : A13 PB2HRS

Number of peaks found: 22 Corr. Area 1: 3,001.3
 Noise: 0.2

Peak table for sample 7 : A13 PB2HRS

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	318	801.98	3,817.5		70.90
3	361	487.02	2,041.3		74.38
4	378	136.89	549.2		75.69
5	391	149.33	578.4		76.78
6	417	125.37	455.6		78.46
7	434	118.13	412.5		79.44
8	446	134.80	457.8		80.15
9	469	166.11	536.8		81.45
10	486	111.64	348.2		82.43
11	536	253.04	715.5		84.88
12	571	658.96	1,749.8		86.46
13	886	162.10	277.2		93.58
14	1,310	36.07	41.7		97.12
15	1,478	20.88	21.4		98.21
16	1,723	21.76	19.1		99.78
17	2,188	25.39	17.6		102.18
18	2,543	34.36	20.5		103.32
19	2,829	39.72	21.3		104.24
20	3,247	111.92	52.2		105.11
21	8,498	6.05	1.1		111.31
22	10,380	75.00	10.9	Upper Marker	113.00
23	13,294	0.00	0.0		115.61
24	14,629	0.00	0.0		116.81

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2017-11-09\2017-11-09_001.xad

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Modified: 11/9/2017 3:15:13 PM

Electropherogram Summary Continued ...

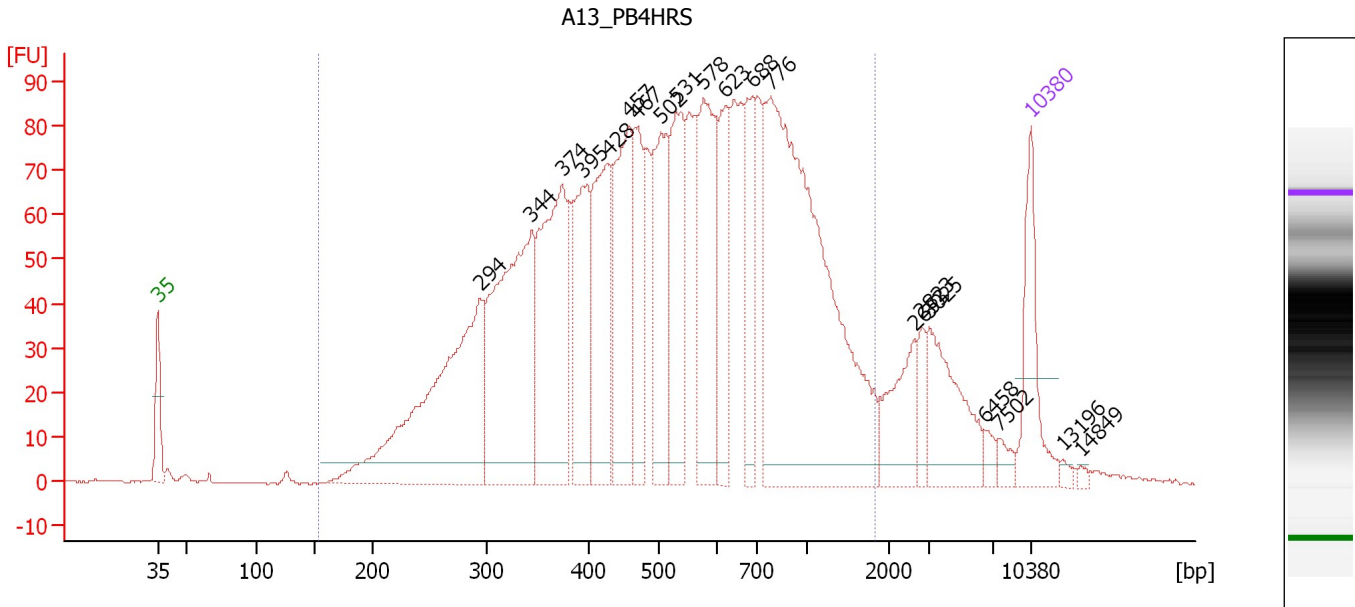
... Region table for sample 7 : A13_PB2HRS

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
149	1,768	526	3,001.3	15,192.6	4,108.96	88	51.7

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-11-09\2017-11-09_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 8 : A13 PB4HRS

Number of peaks found: 20 Corr. Area 1: 2,761.0
 Noise: 0.3

Peak table for sample 8 : A13 PB4HRS

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	294	442.19	2,282.3		68.84
3	344	369.49	1,628.6		72.95
4	374	290.44	1,175.5		75.42
5	395	164.03	628.4		77.12
6	428	187.35	663.3		79.10
7	457	198.87	658.7		80.80
8	467	109.23	354.4		81.35
9	502	157.38	475.4		83.32
10	531	159.58	455.8		84.64
11	578	185.16	485.7		86.78
12	623	111.36	271.0		88.53
13	688	102.73	226.3		90.67
14	776	643.54	1,256.0		92.10
15	2,653	71.43	40.8		103.67
16	2,823	22.86	12.3		104.22
17	3,025	100.81	50.5		104.83
18	6,458	11.20	2.6		109.27
19	7,502	11.34	2.3		110.42
20	10,380	75.00	10.9	Upper Marker	113.00
21	13,196	0.00	0.0		115.52
22	14,849	0.00	0.0		117.00

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2017-11-09\2017-11-09_001.xad

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Modified: 11/9/2017 3:15:13 PM

Electropherogram Summary Continued ...

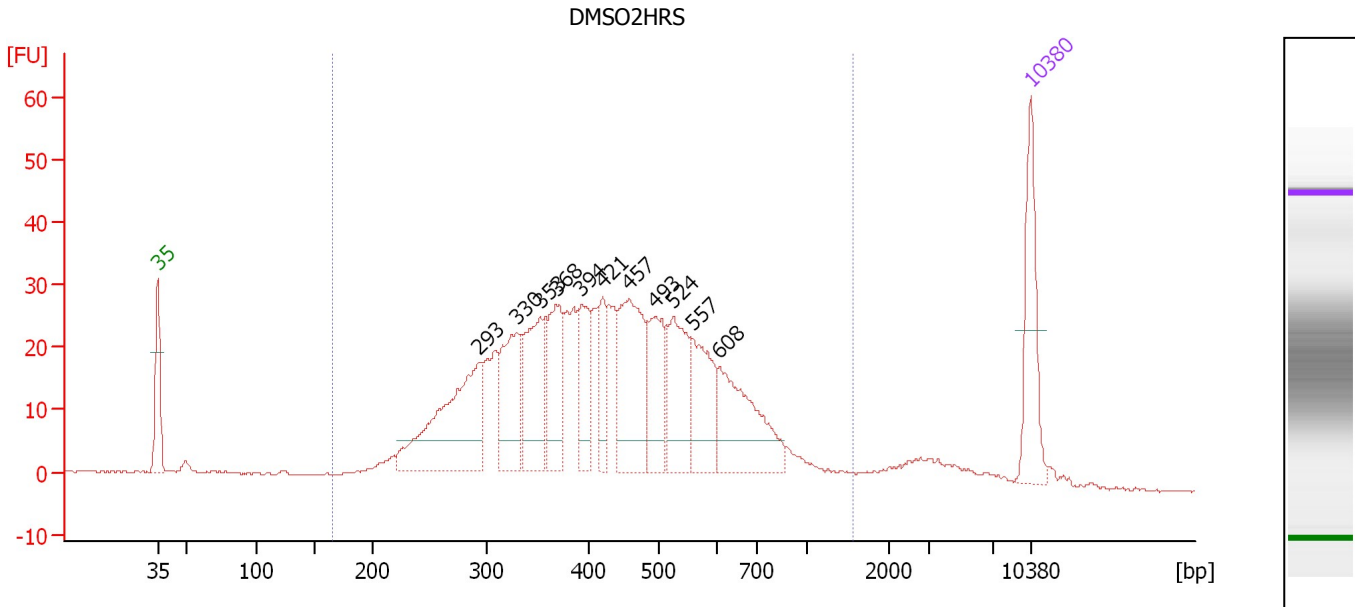
... Region table for sample 8 : A13_PB4HRS

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
153	1,844	593	2,761.0	12,323.6	3,605.85	90	51.7

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-11-09\2017-11-09_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 9 : DMSO2HRS

Number of peaks found: 11 Corr. Area 1: 818.4
 Noise: 0.2

Peak table for sample 9 : DMSO2HRS

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	293	218.45	1,130.2		68.77
3	330	108.30	497.0		71.86
4	353	125.07	537.2		73.68
5	368	98.09	403.4		74.94
6	394	68.13	262.2		76.98
7	421	52.95	190.7		78.69
8	457	153.48	508.7		80.78
9	493	83.62	257.2		82.82
10	524	100.12	289.3		84.36
11	557	86.58	235.5		85.85
12	608	120.98	301.6		88.05
13	10,380	75.00	10.9	Upper Marker	113.00

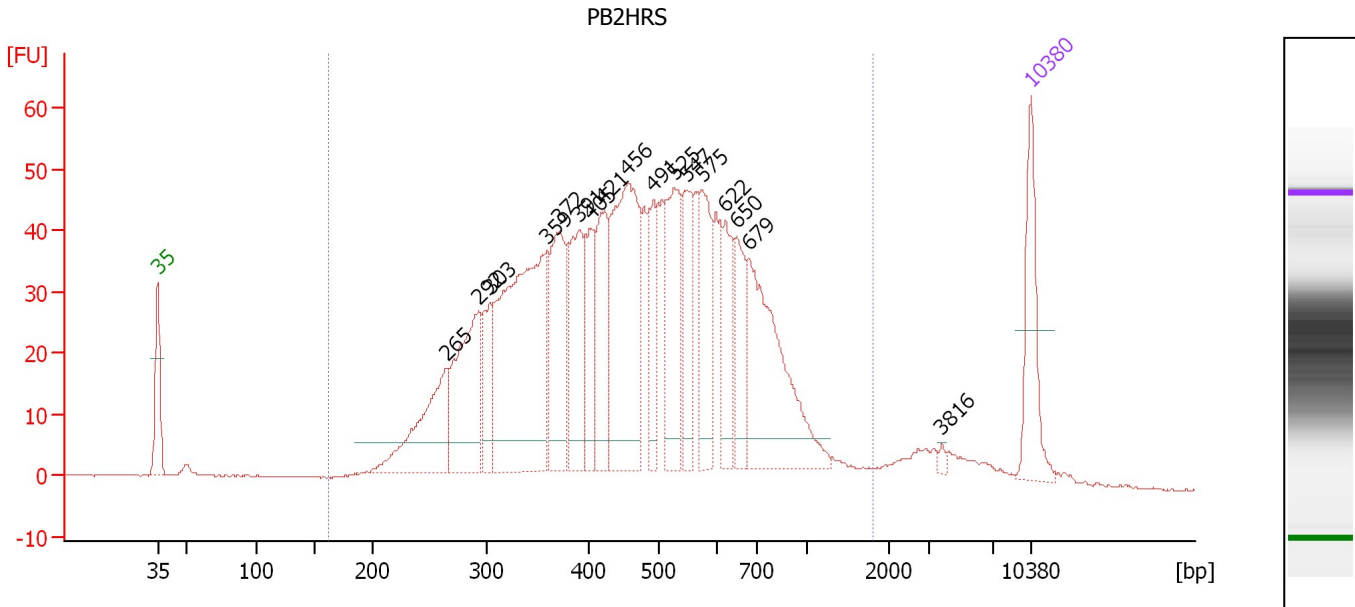
Region table for sample 9 : DMSO2HRS

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
165	1,557	455	818.4	6,791.1	1,732.75	91	38.6

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-11-09\2017-11-09_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 10 : PB2HRS

Number of peaks found: 17 Corr. Area 1: 1,389.1
 Noise: 0.1

Peak table for sample 10 : PB2HRS

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	265	155.87	891.4		66.22
3	292	180.26	936.6		68.66
4	303	79.54	397.9		69.66
5	359	379.79	1,601.7		74.20
6	372	157.25	641.1		75.20
7	391	131.74	510.6		76.75
8	405	76.44	286.3		77.75
9	421	113.95	410.2		78.69
10	456	274.26	912.2		80.69
11	491	73.76	227.6		82.74
12	525	130.12	375.3		84.40
13	547	88.04	243.7		85.40
14	575	92.21	242.8		86.67
15	622	74.77	182.2		88.50
16	650	65.75	153.2		89.44
17	679	227.22	506.9		90.39
18	3,816	4.06	1.6		105.85
19	10,380	75.00	10.9	Upper Marker	113.00

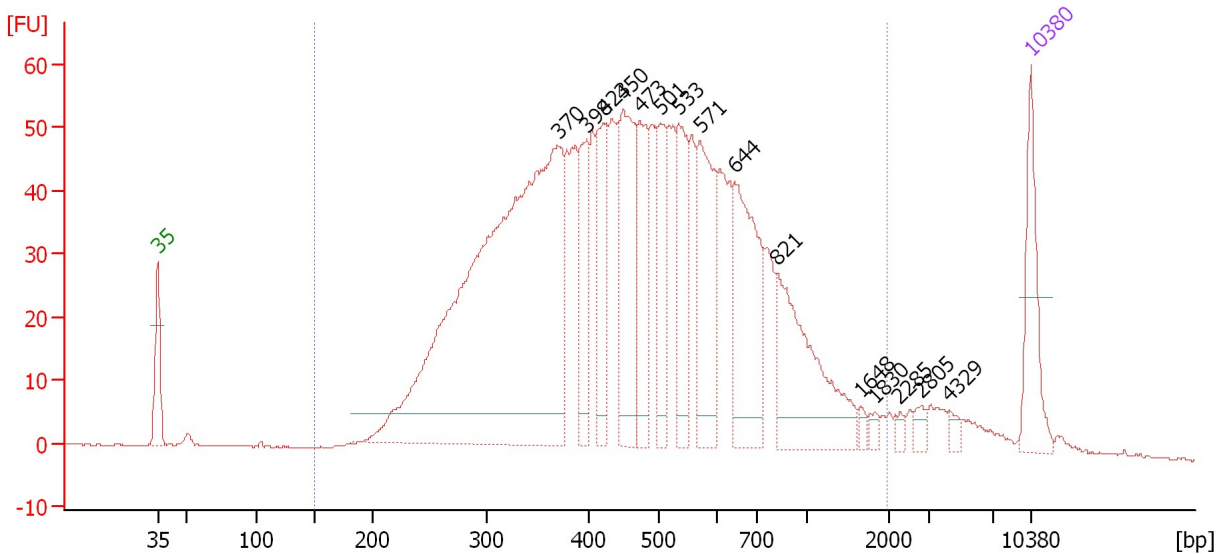
Region table for sample 10 : PB2HRS

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. [pg/μl]	% of Total	Size distribution in CV [%]
162	1,807	495	1,389.1	10,522.6	2,853.51	94	41.3

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-11-09\2017-11-09_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 11 :

Number of peaks found: 15 Corr. Area 1: 1,611.8
 Noise: 0.1

Peak table for sample 11 :

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	370	1,065.40	4,359.4		75.09
3	398	89.16	339.4		77.33
4	423	113.54	406.3		78.84
5	450	185.91	626.5		80.35
6	473	123.95	397.1		81.69
7	501	87.73	265.2		83.31
8	533	114.05	324.0		84.77
9	571	154.17	408.7		86.50
10	644	183.92	432.6		89.24
11	821	192.15	354.5		92.70
12	1,648	7.08	6.5		99.30
13	1,830	7.71	6.4		100.48
14	2,285	5.97	4.0		102.49
15	2,805	9.72	5.2		104.17
16	4,329	7.76	2.7		106.51
17	10,380	75.00	10.9	Upper Marker	113.00

Region table for sample 11 :

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. [pg/μl]	% of Total	Size distribution in CV [%]
149	1,974	517	1,611.8	12,387.4	3,366.13	95	50.5

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2017-11-09\2017-11-09_001.xad

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Gel Image

