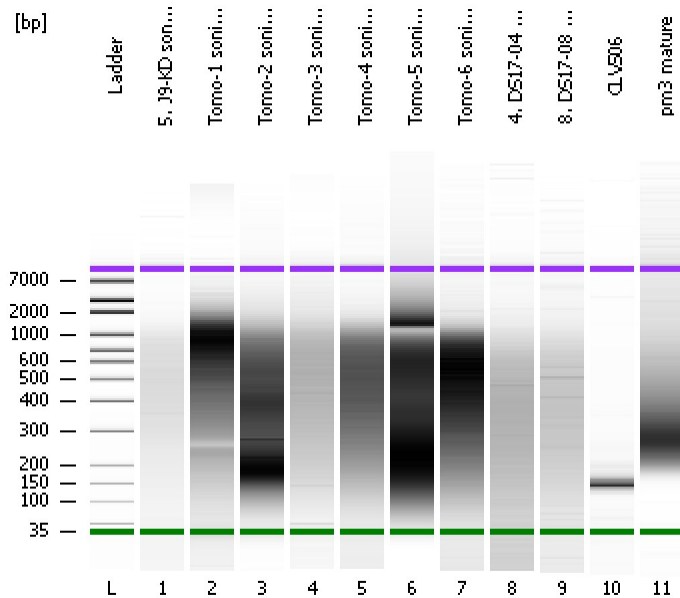


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-31\2017-08-31_001.xad

Created: 8/31/2017 11:52:18 AM
Modified: 8/31/2017 12:54:00 PM

Electrophoresis File Run Summary



Instrument Information:

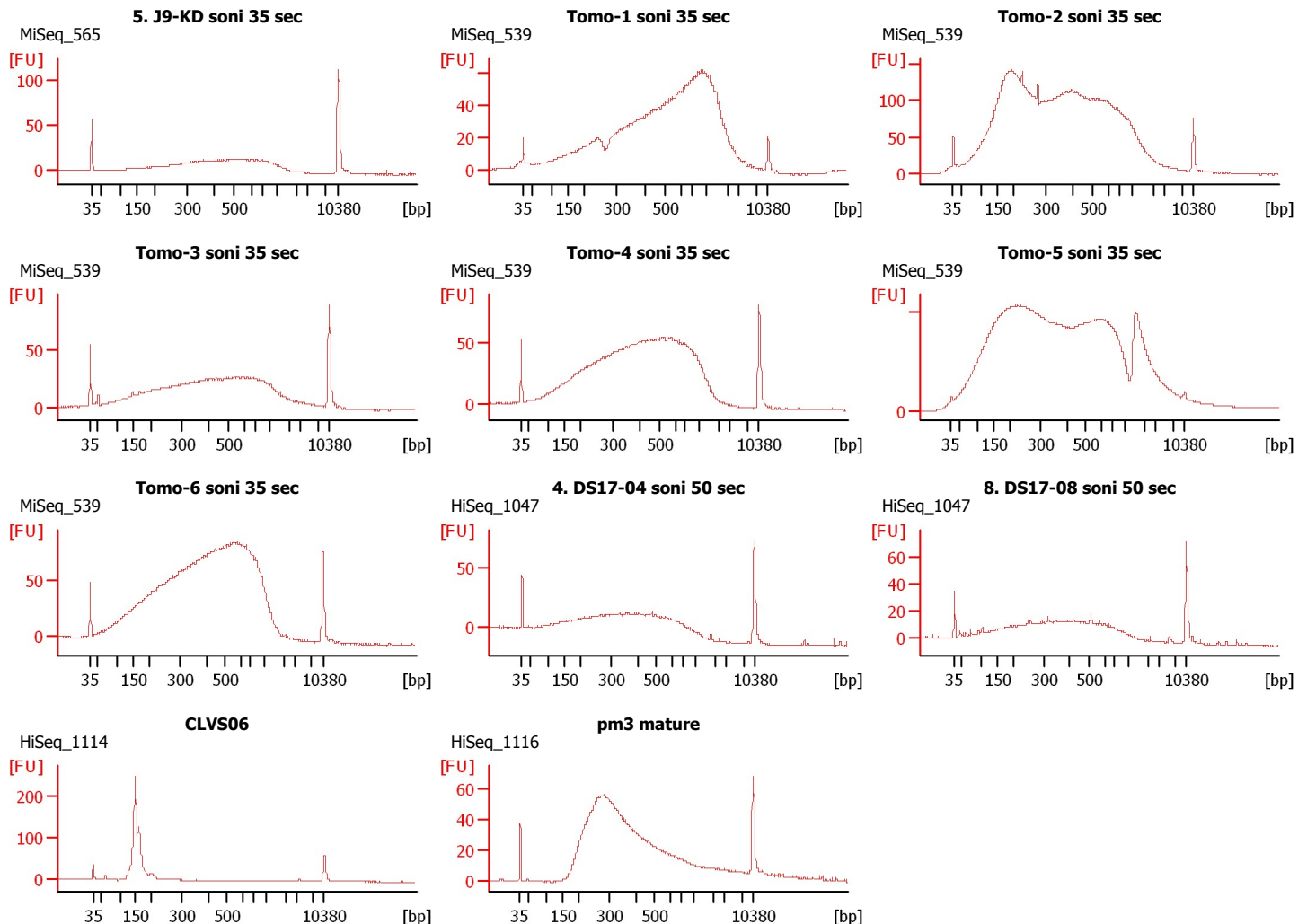
Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\High Sensitivity DNA.xsy
Assay Class: High Sensitivity DNA Assay
Version: 1.03
Assay Comments: Copyright © 2003-2010 Agilent Technologies

Chip Information:

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



Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-31\2017-08-31_001.xad

Created: 8/31/2017 11:52:18 AM
Modified: 8/31/2017 12:54:00 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
5. J9-KD soni 35 sec	MiSeq_565	<input type="checkbox"/>	✓			
Tomo-1 soni 35 sec	MiSeq_539	<input type="checkbox"/>	✓			
Tomo-2 soni 35 sec	MiSeq_539	<input type="checkbox"/>	✓			
Tomo-3 soni 35 sec	MiSeq_539	<input type="checkbox"/>	✓			
Tomo-4 soni 35 sec	MiSeq_539	<input type="checkbox"/>	✓			
Tomo-5 soni 35 sec	MiSeq_539	<input type="checkbox"/>	✓			
Tomo-6 soni 35 sec	MiSeq_539	<input type="checkbox"/>	✓			
4. DS17-04 soni 50 sec	HiSeq_1047	<input type="checkbox"/>	✓			
8. DS17-08 soni 50 sec	HiSeq_1047	<input type="checkbox"/>	✓			
CLVS06	HiSeq_1114	<input type="checkbox"/>	✓			
pm3 mature	HiSeq_1116	<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\2017-08-31\2017-08-31_001.xad

Created: 8/31/2017 11:52:18 AM
Modified: 8/31/2017 12:54:00 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

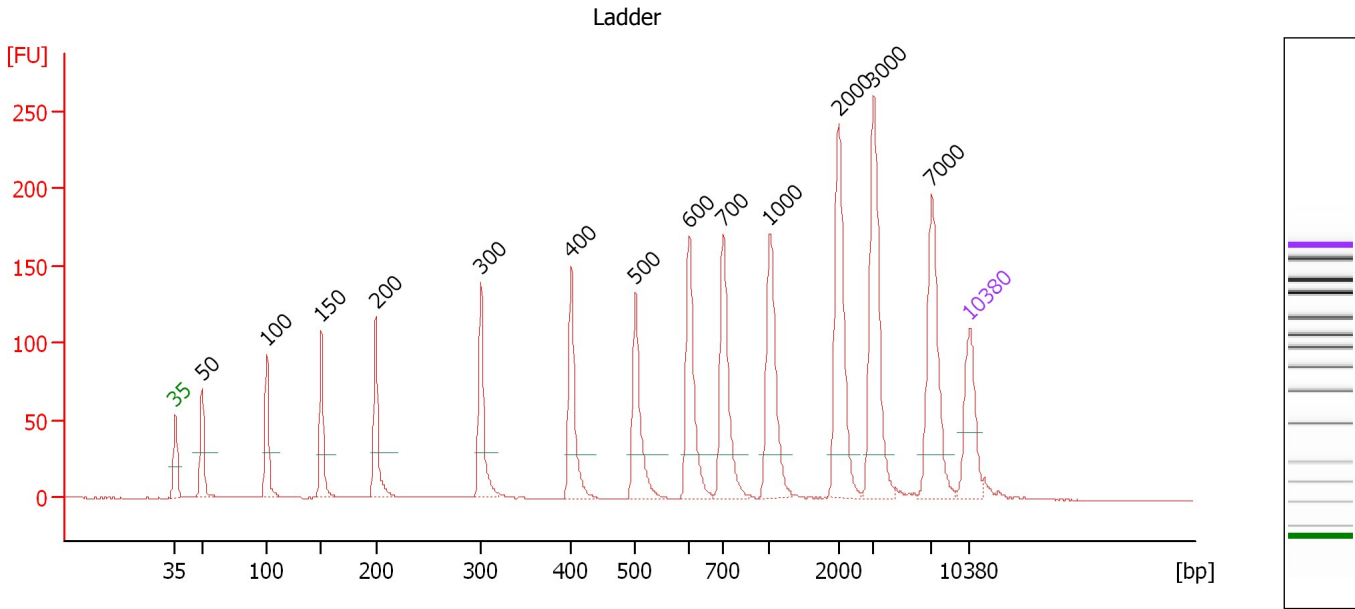
Ladder

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\2017-08-31\2017-08-31_001.xad

Created: 8/31/2017 11:52:18 AM
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Electropherogram Summary



Overall Results for Ladder

Noise: 0.2

Peak table for Ladder

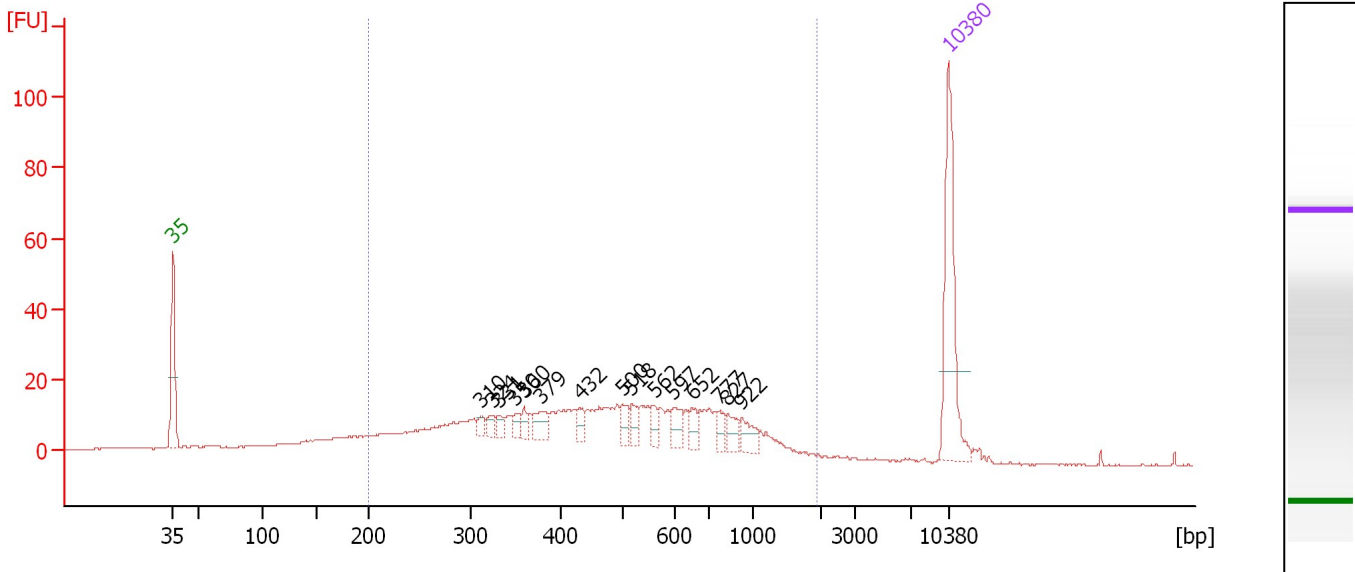
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	50	150.00	4,545.5	Ladder Peak	45.35
3	100	150.00	2,272.7	Ladder Peak	51.08
4	150	150.00	1,515.2	Ladder Peak	55.87
5	200	150.00	1,136.4	Ladder Peak	60.66
6	300	150.00	757.6	Ladder Peak	69.92
7	400	150.00	568.2	Ladder Peak	77.91
8	500	150.00	454.5	Ladder Peak	83.54
9	600	150.00	378.8	Ladder Peak	88.29
10	700	150.00	324.7	Ladder Peak	91.30
11	1,000	150.00	227.3	Ladder Peak	95.38
12	2,000	150.00	113.6	Ladder Peak	101.44
13	3,000	150.00	75.8	Ladder Peak	104.54
14	7,000	150.00	32.5	Ladder Peak	109.66
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-31\2017-08-31_001.xad

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Electropherogram Summary Continued ...

5. J9-KD soni 35 sec [MiSeq_565]



Overall Results for sample 1 : 5. J9-KD soni 35 sec

Number of peaks found: 15 Corr. Area 1: 538.1
 Noise: 0.2

Peak table for sample 1 : 5. J9-KD soni 35 sec

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	310	7.08	34.6		70.73
3	324	7.78	36.4		71.84
4	331	8.07	36.9		72.42
5	350	7.78	33.7		73.91
6	360	7.53	31.7		74.68
7	379	14.81	59.2		76.22
8	432	9.24	32.4		79.73
9	500	11.35	34.4		83.54
10	518	10.35	30.3		84.40
11	562	9.17	24.7		86.47
12	597	14.97	38.0		88.16
13	652	10.98	25.5		89.84
14	777	9.12	17.8		92.35
15	827	12.39	22.7		93.02
16	922	13.35	21.9		94.32
17	10,380	75.00	10.9	Upper Marker	113.00

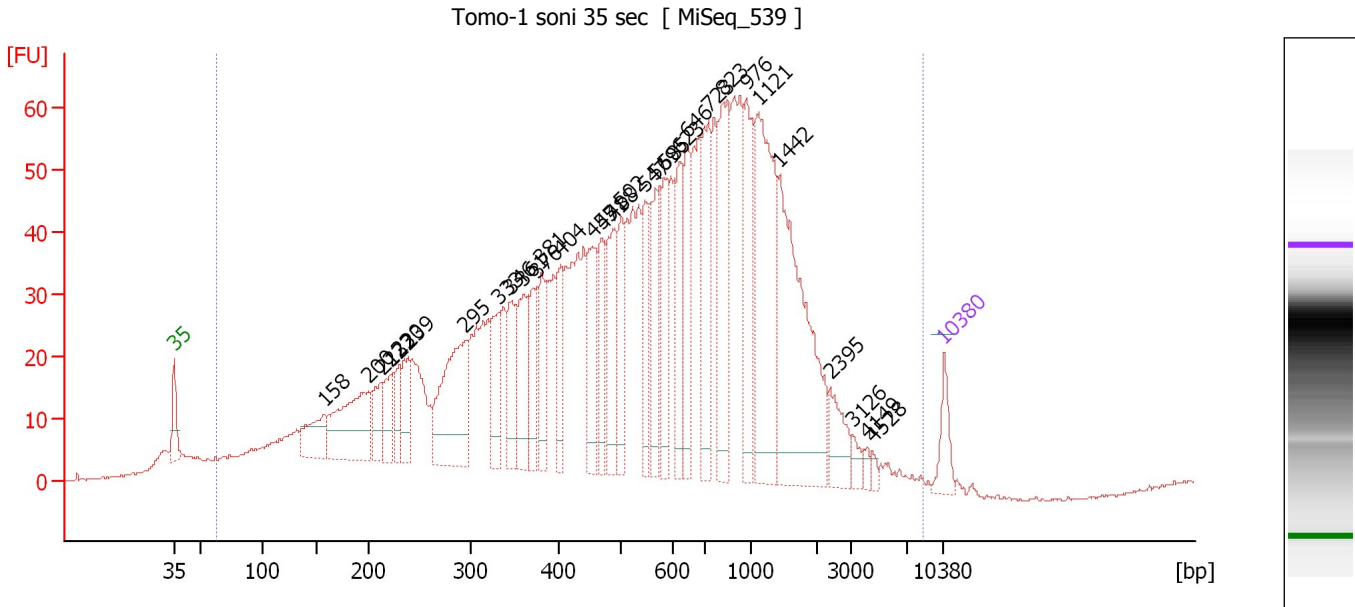
Region table for sample 1 : 5. J9-KD soni 35 sec

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. [pg/μl]	% of Total	Size distribution in CV [%]
200	1,953	530	538.1	2,215.3	583.57	83	51.8

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-31\2017-08-31_001.xad

Created: 8/31/2017 11:52:18 AM
 Modified: 8/31/2017 12:54:00 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : Tomo-1 soni 35 sec

Number of peaks found: 31 Corr. Area 1: 2,081.4
 Noise: 0.2

Peak table for sample 2 : Tomo-1 soni 35 sec


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	158	197.69	1,896.7		56.63
3	200	456.16	3,448.0		60.71
4	213	144.52	1,027.9		61.87
5	222	151.62	1,035.1		62.70
6	230	112.55	740.4		63.47
7	239	155.92	987.5		64.30
8	295	529.07	2,719.2		69.44
9	333	196.51	894.5		72.54
10	346	205.38	900.4		73.56
11	361	241.07	1,012.4		74.77
12	376	198.56	800.2		75.99
13	381	171.35	680.6		76.42
14	404	173.95	652.7		78.12
15	455	277.31	922.5		81.03
16	471	188.94	607.9		81.91
17	488	262.26	814.0		82.88
18	502	186.74	563.3		83.65
19	547	187.85	520.1		85.79
20	569	230.18	613.2		86.80
21	585	237.70	615.5		87.58
22	623	228.38	555.2		88.99
23	646	208.37	488.8		89.67
24	723	325.96	683.2		91.61
25	823	394.39	726.4		92.97

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-31\2017-08-31_001.xad


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Electropherogram Summary Continued ...

... Peak table for sample 2 : Tomo-1 soni 35 sec

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	976	282.28	438.4		95.05
27	1,121	599.61	810.1		96.12
28	1,442	703.25	739.1		98.06
29	2,395	112.78	71.4		102.67
30	3,126	30.50	14.8		104.70
31	4,149	17.19	6.3		106.01
32	4,528	15.20	5.1		106.50
33	 10,380	75.00	10.9	Upper Marker	113.00

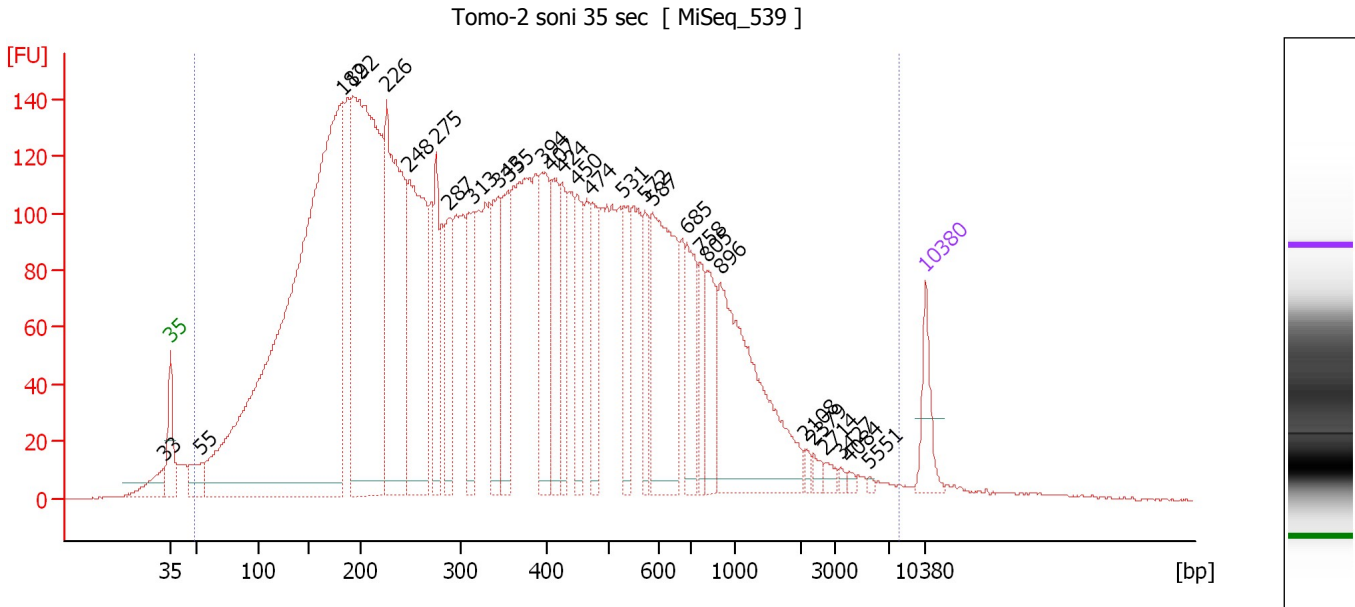
Region table for sample 2 : Tomo-1 soni 35 sec

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
62	8,512	740	2,081.4	55,429.8	 12,566.59	97	89.2

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-31\2017-08-31_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 3 : Tomo-2 soni 35 sec

Number of peaks found: 29 Corr. Area 1: 7,091.8
 Noise: 0.3

Peak table for sample 3 : Tomo-2 soni 35 sec

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	33	0.00	0.0		42.36
2	35	125.00	5,411.3	Lower Marker	43.00
3	55	97.04	2,696.7		45.87
4	182	3,338.03	27,823.0		58.92
5	192	1,657.42	13,072.9		59.91
6	226	910.10	6,101.5		63.07
7	248	695.28	4,240.4		65.15
8	275	231.16	1,272.9		67.62
9	287	250.09	1,318.3		68.76
10	313	241.14	1,168.6		70.93
11	343	249.10	1,100.4		73.35
12	355	233.20	996.0		74.29
13	394	306.43	1,177.3		77.46
14	407	218.47	813.4		78.30
15	424	186.37	665.2		79.29
16	450	187.18	630.4		80.72
17	474	191.24	611.8		82.05
18	531	156.43	446.3		85.02
19	572	124.77	330.6		86.95
20	587	491.37	1,267.5		87.69
21	685	192.20	424.9		90.85
22	758	102.19	204.2		92.09
23	805	148.38	279.1		92.73
24	896	559.94	946.7		93.97
25	2,108	13.56	9.7		101.78

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-31\2017-08-31_001.xad

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 Modified: 8/31/2017 12:54:00 PM

Electropherogram Summary Continued ...

... Peak table for sample 3 : Tomo-2 soni 35 sec

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	2,379	16.57	10.6		102.62
27	2,714	16.62	9.3		103.66
28	3,427	7.84	3.5		105.09
29	4,084	8.01	3.0		105.93
30	5,551	4.88	1.3		107.81
31	10,380	75.00	10.9	Upper Marker	113.00

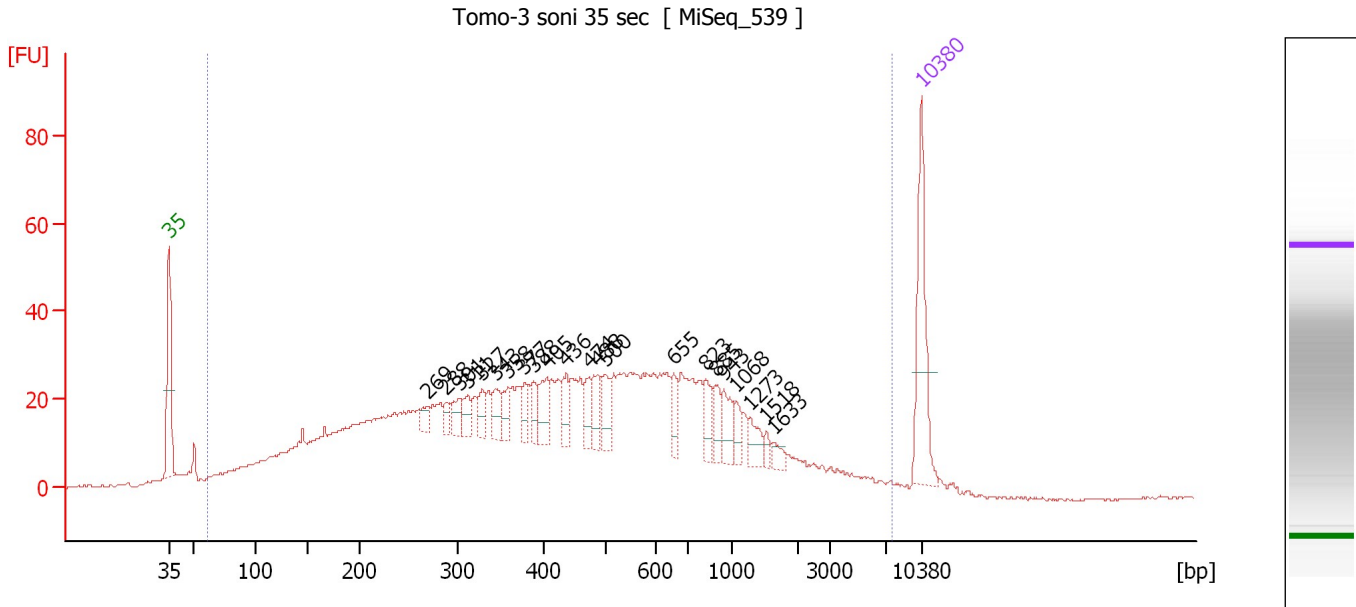
Region table for sample 3 : Tomo-2 soni 35 sec

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Conc. [pg/μl]	% of Total	Size distribution in CV [%]
49	7,894	474	7,091.8	96,239.0	14,611.00	98	100.0

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-31\2017-08-31_001.xad

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 Modified: 8/31/2017 12:54:00 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : Tomo-3 soni 35 sec

Number of peaks found: 22 Corr. Area 1: 1,383.4
 Noise: 0.2

Peak table for sample 4 : Tomo-3 soni 35 sec

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	269	14.18	79.7		67.09
3	288	11.97	62.9		68.83
4	301	20.81	104.9		69.97
5	311	17.29	84.4		70.76
6	327	17.00	78.7		72.10
7	343	22.80	100.7		73.34
8	358	17.85	75.6		74.53
9	377	18.02	72.4		76.07
10	388	19.70	76.9		76.96
11	405	30.33	113.4		78.20
12	436	24.37	84.7		79.93
13	474	20.99	67.1		82.07
14	488	26.75	83.1		82.86
15	500	28.50	86.3		83.55
16	655	19.37	44.8		89.95
17	823	24.13	44.4		92.97
18	885	16.04	27.5		93.81
19	943	23.39	37.6		94.61
20	1,068	13.51	19.2		95.80
21	1,273	16.45	19.6		97.04
22	1,518	5.66	5.6		98.52
23	1,633	8.59	8.0		99.22
24	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-31\2017-08-31_001.xad

Created: 8/31/2017 11:52:18 AM
Modified: 8/31/2017 12:54:00 PM

Electropherogram Summary Continued ...

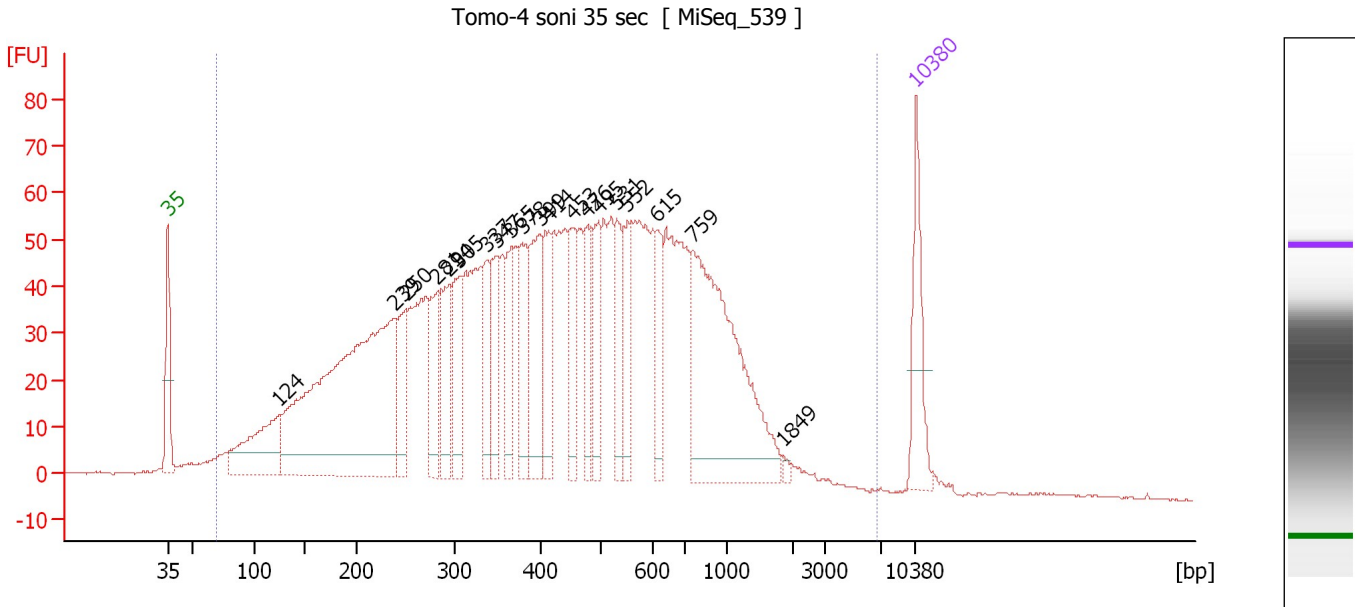
... Region table for sample 4 : Tomo-3 soni 35 sec

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
61	7,587	641	1,383.4	12,353.3	2,293.22	97	100.0

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-31\2017-08-31_001.xad

Created: 8/31/2017 11:52:18 AM
 Modified: 8/31/2017 12:54:00 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : Tomo-4 soni 35 sec

Number of peaks found: 20 Corr. Area 1: 2,644.3
 Noise: 0.2

Peak table for sample 5 : Tomo-4 soni 35 sec

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	184.97	2,260.7		53.38
3	239	775.19	4,907.6		64.30
4	250	86.62	525.9		65.25
5	281	89.40	482.3		68.15
6	294	111.44	574.7		69.34
7	305	102.94	511.9		70.29
8	337	70.93	318.7		72.89
9	347	92.51	403.8		73.68
10	365	80.88	335.5		75.13
11	378	91.35	365.8		76.18
12	399	131.37	498.9		77.83
13	414	95.92	351.4		78.67
14	453	79.20	265.1		80.87
15	476	67.87	215.8		82.22
16	495	77.99	238.7		83.26
17	531	69.67	198.8		85.01
18	552	67.20	184.5		86.01
19	615	60.78	149.6		88.75
20	759	397.10	793.0		92.09
21	1,849	4.90	4.0		100.53
22	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-31\2017-08-31_001.xad

Created: 8/31/2017 11:52:18 AM
Modified: 8/31/2017 12:54:00 PM

Electropherogram Summary Continued ...

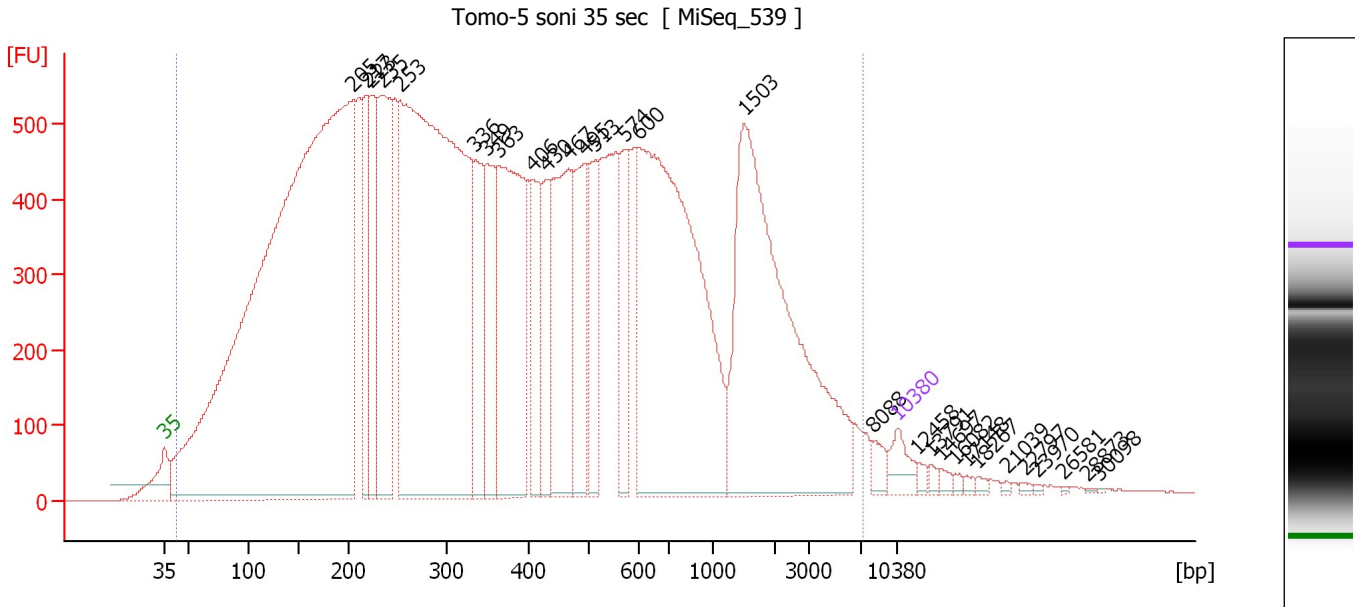
... Region table for sample 5 : Tomo-4 soni 35 sec

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
70	6,769	509	2,644.3	22,908.1	4,440.10	98	77.8

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-31\2017-08-31_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 6 : Tomo-5 soni 35 sec

Number of peaks found: 29 Corr. Area 1: 32,888.2
 Noise: 0.2

Peak table for sample 6 : Tomo-5 soni 35 sec

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	205	7,341.70	54,364.1		61.09
3	217	482.42	3,366.6		62.25
4	223	476.05	3,237.4		62.77
5	235	991.49	6,399.9		63.88
6	253	4,191.01	25,107.0		65.56
7	336	440.34	1,987.7		72.77
8	349	512.15	2,220.4		73.87
9	363	1,162.69	4,857.7		74.92
10	406	339.19	1,266.2		78.24
11	430	277.77	978.5		79.60
12	467	752.56	2,439.4		81.71
13	495	460.27	1,407.6		83.29
14	513	347.07	1,024.3		84.18
15	574	327.41	863.7		87.07
16	600	2,124.22	5,365.5		88.28
17	1,503	1,626.65	1,639.6		98.43
18	8,088	44.44	8.3		110.74
19	10,380	75.00	10.9	Upper Marker	113.00
20	12,458	0.00	0.0		115.05
21	13,791	0.00	0.0		116.37
22	14,697	0.00	0.0		117.26
23	16,082	0.00	0.0		118.63
24	17,148	0.00	0.0		119.68
25	18,267	0.00	0.0		120.78

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-31\2017-08-31_001.xad

Created: 8/31/2017 11:52:18 AM
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Electropherogram Summary Continued ...

... Peak table for sample 6 : Tomo-5 soni 35 sec

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	21,039	0.00	0.0		123.52
27	22,797	0.00	0.0		125.25
28	23,970	0.00	0.0		126.41
29	26,581	0.00	0.0		128.99
30	28,873	0.00	0.0		131.25
31	30,098	0.00	0.0		132.46

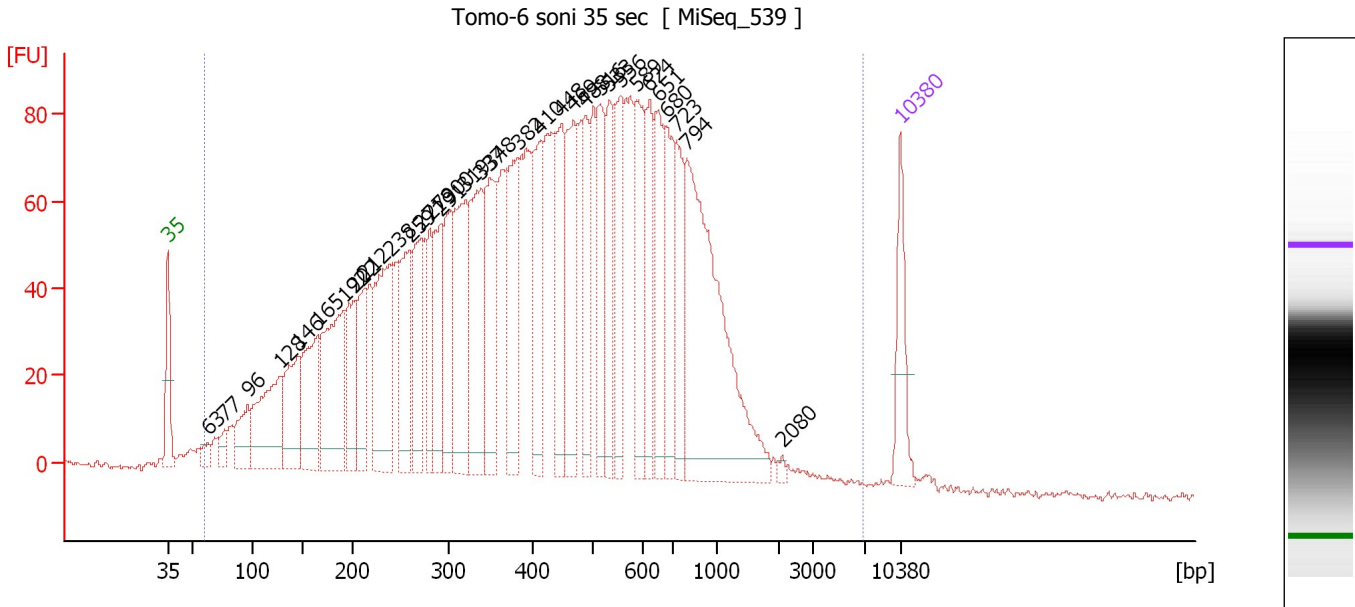
Region table for sample 6 : Tomo-5 soni 35 sec

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Conc. [pg/ μ l]	% of Total	Size distribution in CV [%]
43	7,056	644	32,888.2	173,625.7	24,965.46	98	100.0

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-31\2017-08-31_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 7 : Tomo-6 soni 35 sec

Number of peaks found: 33 Corr. Area 1: 3,739.1
 Noise: 0.8

Peak table for sample 7 : Tomo-6 soni 35 sec

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	63	25.83	618.5		46.87
3	77	30.59	604.9		48.40
4	96	93.96	1,480.3		50.64
5	128	232.64	2,745.6		53.80
6	146	176.03	1,827.8		55.48
7	165	196.69	1,805.5		57.32
8	192	300.48	2,369.1		59.91
9	202	130.30	975.6		60.88
10	212	128.49	917.2		61.80
11	238	283.03	1,800.8		64.19
12	259	177.89	1,040.4		66.13
13	271	150.75	844.1		67.20
14	279	104.54	566.9		68.01
15	291	153.07	797.1		69.08
16	300	133.01	672.2		69.90
17	319	238.96	1,135.4		71.43
18	337	247.07	1,109.5		72.91
19	348	192.86	839.1		73.77
20	382	190.96	757.4		76.47
21	410	159.21	588.6		78.46
22	448	179.74	608.2		80.60
23	469	178.61	577.6		81.77
24	488	120.10	372.6		82.89
25	516	145.33	426.5		84.32

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-31\2017-08-31_001.xad

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Electropherogram Summary Continued ...

... Peak table for sample 7 : Tomo-6 soni 35 sec

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	533	125.90	357.6		85.13
27	556	148.34	404.2		86.20
28	589	163.02	419.1		87.78
29	624	113.90	276.6		89.00
30	651	148.34	345.3		89.82
31	680	135.35	301.7		90.69
32	723	120.93	253.6		91.60
33	794	497.84	950.5		92.57
34	2,080	5.24	3.8		101.69
35	▶ 10,380	75.00	10.9	Upper Marker	113.00

Region table for sample 7 : Tomo-6 soni 35 sec

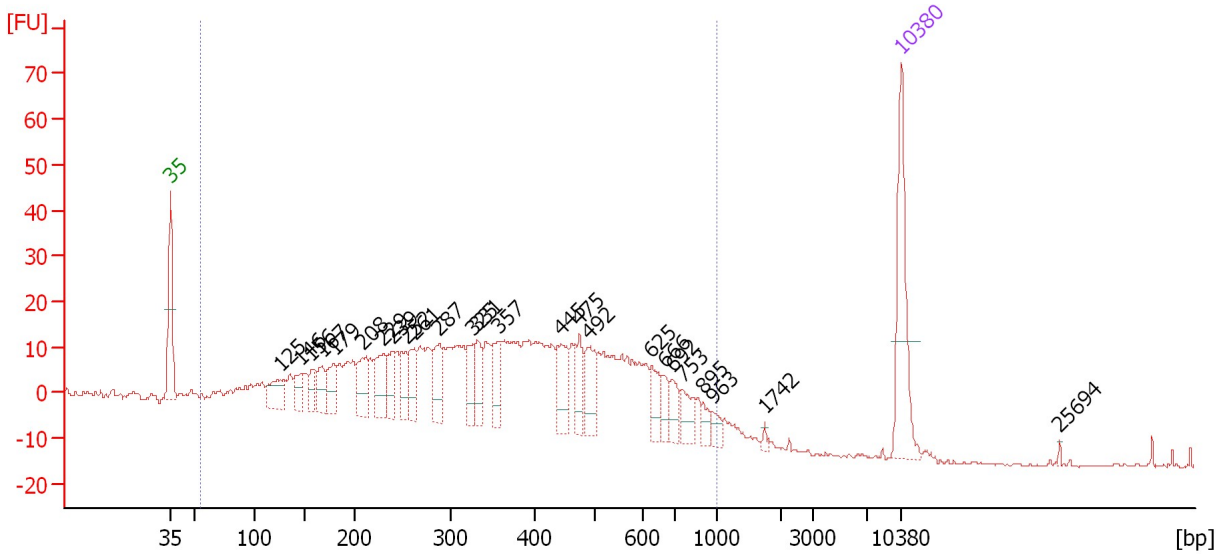
From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
60	6,821	493	3,739.1	35,803.5	■ 6,784.36	99	75.8

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-31\2017-08-31_001.xad

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Electropherogram Summary Continued ...

4. DS17-04 soni 50 sec [HiSeq_1047]



Overall Results for sample 8 : 4. DS17-04 soni 50 sec

Number of peaks found: 25 Corr. Area 1: 810.3
 Noise: 0.3

Peak table for sample 8 : 4. DS17-04 soni 50 sec

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	38.72	467.8		53.52
3	146	26.65	277.2		55.46
4	156	22.79	220.9		56.48
5	167	29.05	263.6		57.50
6	179	33.01	279.9		58.62
7	208	46.08	336.1		61.38
8	229	47.22	312.1		63.37
9	239	28.68	182.1		64.24
10	252	26.48	158.9		65.52
11	261	33.23	192.7		66.33
12	287	37.99	200.5		68.73
13	325	28.57	133.3		71.90
14	331	30.87	141.2		72.41
15	357	36.12	153.4		74.45
16	445	44.98	153.3		80.43
17	475	27.87	89.0		82.11
18	492	39.67	122.2		83.08
19	625	25.26	61.2		89.05
20	666	15.70	35.7		90.28
21	692	19.54	42.8		91.05
22	753	23.32	46.9		92.02
23	895	10.03	17.0		93.96
24	963	9.39	14.8		94.87
25	1,742	2.62	2.3		99.88

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-31\2017-08-31_001.xad

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Electropherogram Summary Continued ...

... Peak table for sample 8 : 4. DS17-04 soni 50 sec

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	10,380	75.00	10.9	Upper Marker	113.00
27	25,694	0.00	0.0		128.11

Region table for sample 8 : 4. DS17-04 soni 50 sec

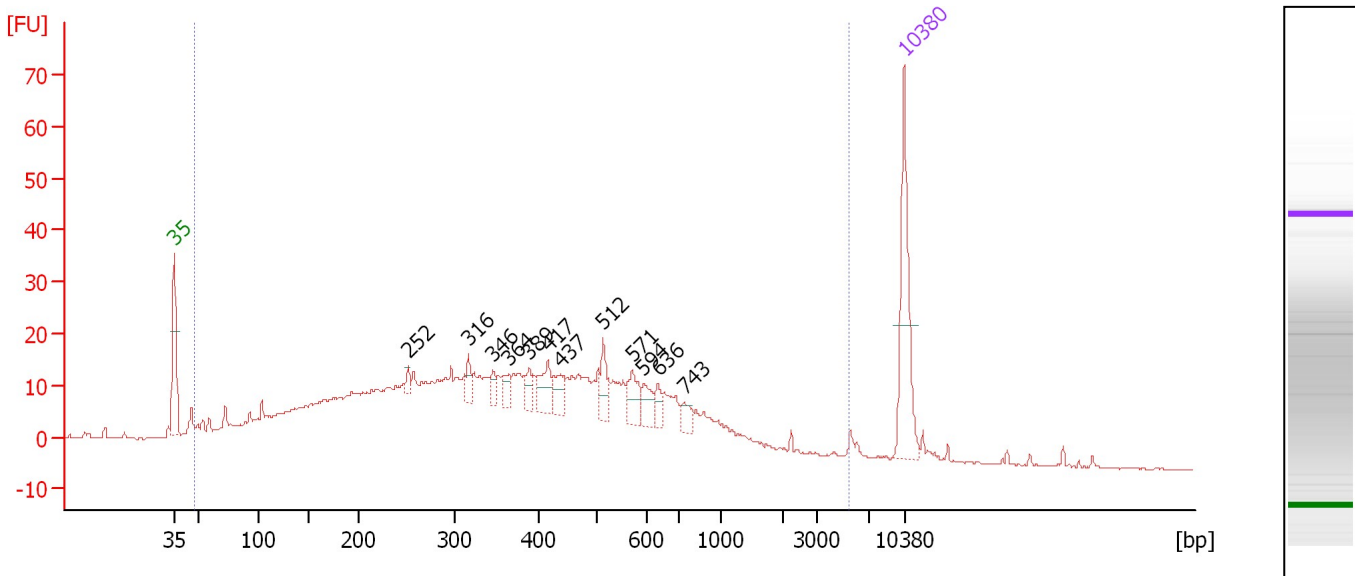
From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
55	1,000	384	810.3	8,134.2	1,345.86	97	46.7

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-31\2017-08-31_001.xad

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Electropherogram Summary Continued ...

8. DS17-08 soni 50 sec [HiSeq_1047]



Overall Results for sample 9 : 8. DS17-08 soni 50 sec

Number of peaks found: 12 Corr. Area 1: 780.8
 Noise: 0.2

Peak table for sample 9 : 8. DS17-08 soni 50 sec

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	252	7.87	47.4		65.45
3	316	13.87	66.4		71.22
4	346	10.89	47.7		73.58
5	364	12.52	52.1		75.06
6	389	16.65	64.8		77.05
7	417	27.10	98.5		78.84
8	437	19.88	68.8		80.02
9	512	24.25	71.8		84.11
10	571	24.23	64.3		86.92
11	594	18.07	46.1		88.00
12	636	10.46	24.9		89.38
13	743	11.86	24.2		91.88
14	10,380	75.00	10.9	Upper Marker	113.00

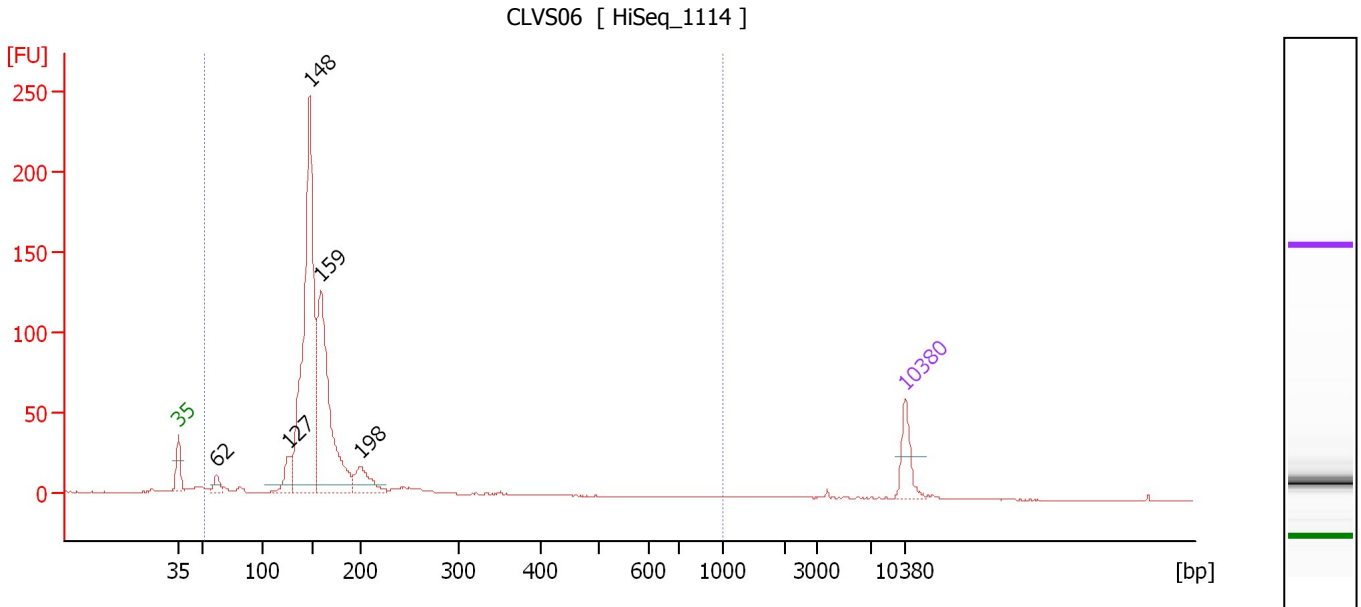
Region table for sample 9 : 8. DS17-08 soni 50 sec

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. [pg/μl]	% of Total	Size distribution in CV [%]
48	5,486	459	780.8	10,774.5	1,655.96	96	95.4

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-31\2017-08-31_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 10 : CLVS06

Number of peaks found: 5 Corr. Area 1: 969.0
 Noise: 0.2

Peak table for sample 10 : CLVS06

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	62	44.22	1,077.4		46.75
3	127	97.19	1,158.9		53.67
4	148	1,329.41	13,614.5		55.68
5	159	828.94	7,889.6		56.75
6	198	117.36	896.8		60.50
7	10,380	75.00	10.9	Upper Marker	113.00

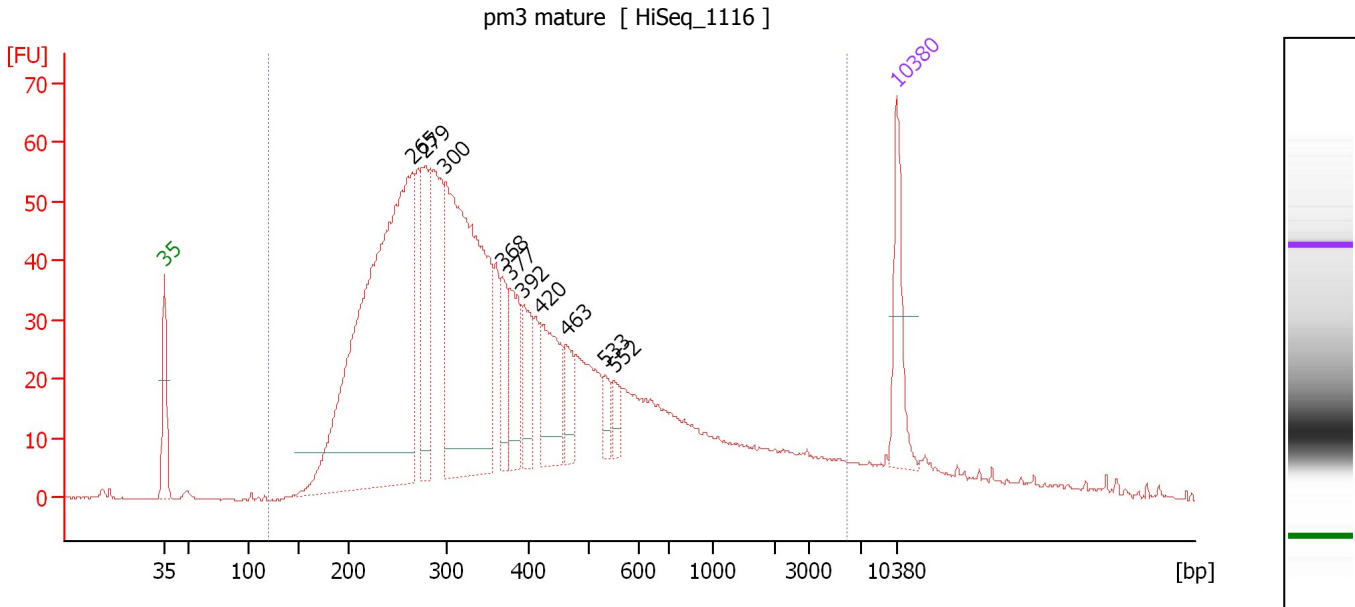
Region table for sample 10 : CLVS06

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
52	1,000	162	969.0	26,299.4	2,590.07	97	34.1

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-31\2017-08-31_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 11 : pm3 mature

Number of peaks found: 10 Corr. Area 1: 1,651.9
 Noise: 0.2

Peak table for sample 11 : pm3 mature

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	1,051.13	6,001.2		66.72
3	279	143.81	781.3		67.97
4	300	651.85	3,295.1		69.90
5	368	70.74	291.6		75.32
6	377	93.84	377.4		76.05
7	392	78.35	302.6		77.30
8	420	125.78	454.1		79.02
9	463	50.57	165.4		81.47
10	533	24.95	70.9		85.11
11	552	26.74	73.4		86.00
12	10,380	75.00	10.9	Upper Marker	113.00

Region table for sample 11 : pm3 mature

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
120	5,976	546	1,651.9	17,831.8	3,742.40	95	100.0

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-31\2017-08-31_001.xad

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Gel Image

