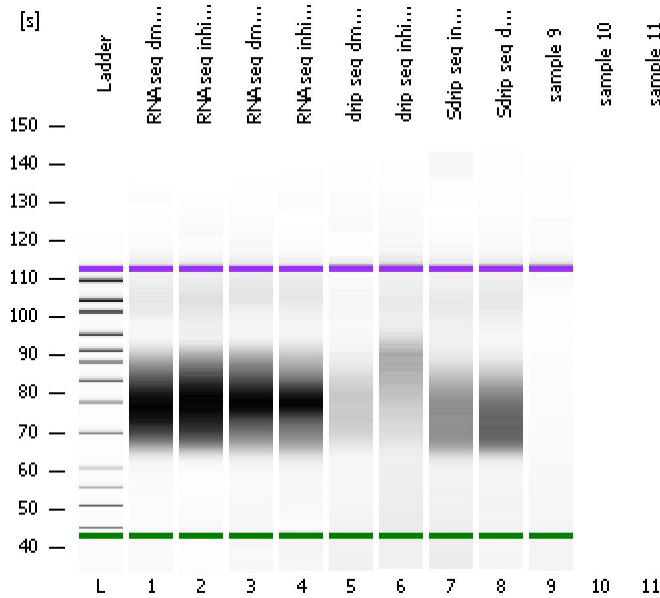


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-02\2018-01-02_001.xad

Created: 1/2/2018 2:24:36 PM
Modified: 1/2/2018 3:00:11 PM

Electrophoresis File Run Summary



Instrument Information:

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

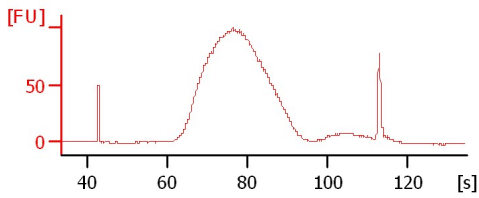
Assay Information:

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

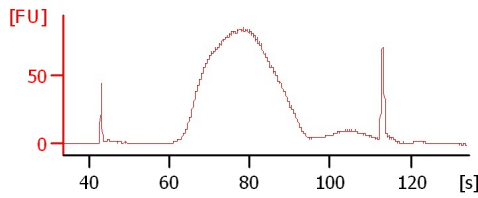
Chip Information:

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

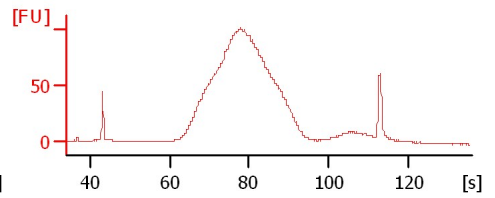
RNA seq dms 1d I2



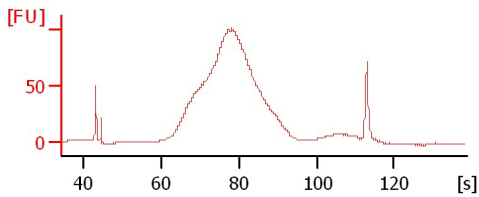
RNA seq inhi 1d I16



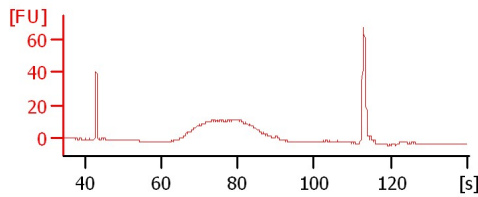
RNA seq dms 3d I18



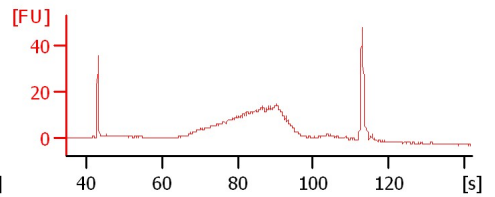
RNA seq inhi 1d I19



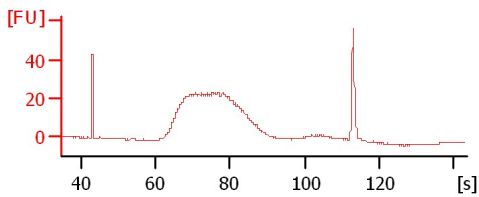
drip seq dms 3d I6



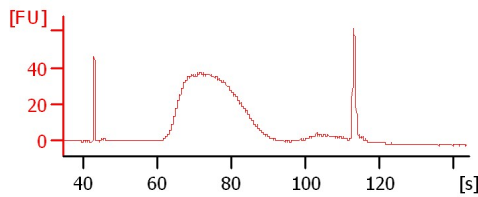
drip seq inhi 3d I7



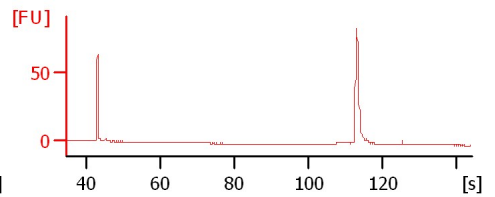
Sdrip seq inhi 1d I13



Sdrip seq dms 3d I14



sample 9



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-02\2018-01-02_001.xad

Created: 1/2/2018 2:24:36 PM
 Modified: 1/2/2018 3:00:11 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
RNA seq dms0 1d I2		<input type="checkbox"/>	✓			
RNA seq inhib 1d I16		<input type="checkbox"/>	✓			
RNA seq dms0 3d I18		<input type="checkbox"/>	✓			
RNA seq inhib 1d I19		<input type="checkbox"/>	✓			
drip seq dms0 3d I6		<input type="checkbox"/>	✓			
drip seq inhib 3d I7		<input type="checkbox"/>	✓			
Sdrip seq inhib 1d I13		<input type="checkbox"/>	✓			
Sdrip seq dms0 3d I14		<input type="checkbox"/>	✓			
sample 9		<input type="checkbox"/>	✓			
sample 10		<input type="checkbox"/>				
sample 11		<input type="checkbox"/>				
Ladder		<input type="checkbox"/>	✓			

Chip Lot #

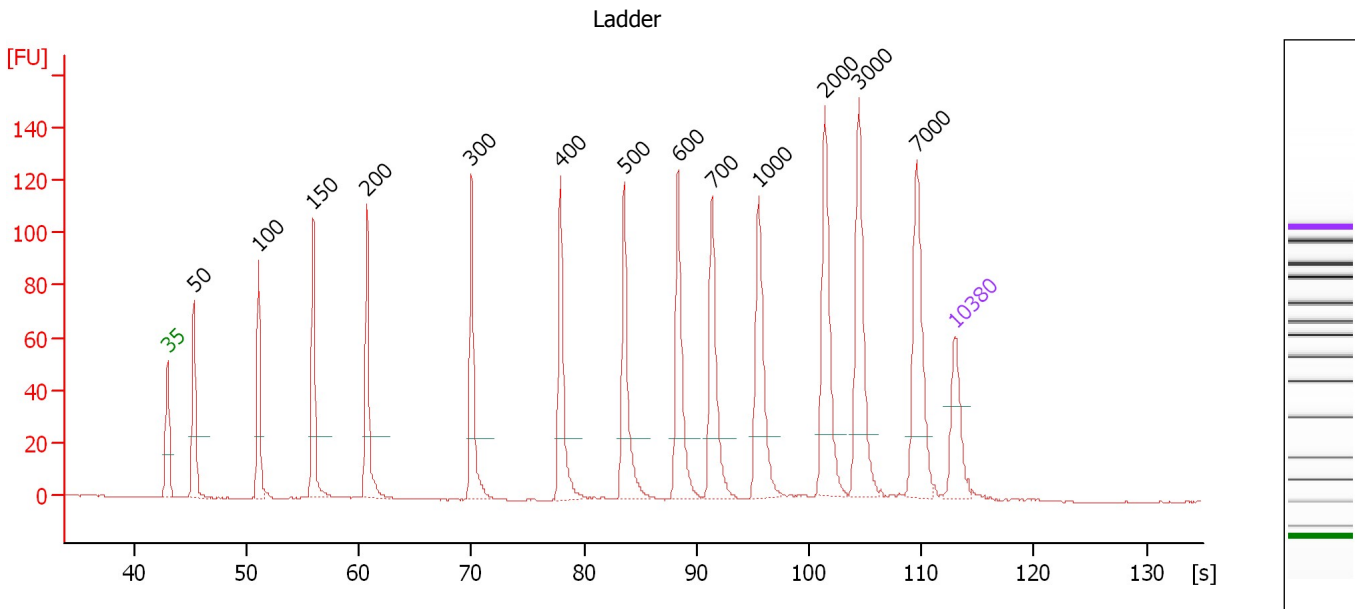
Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-02\2018-01-02_001.xad

Created: 1/2/2018 2:24:36 PM
 Modified: 1/2/2018 3:00:11 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.1

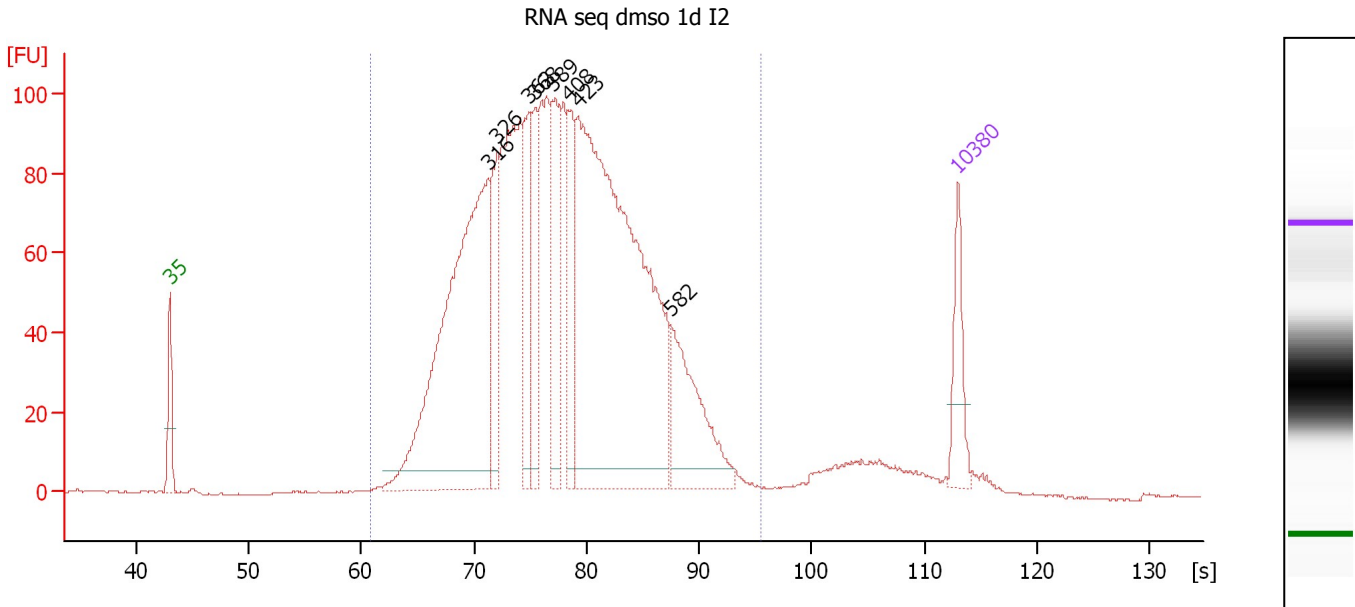
Peak table for Ladder

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	51.11
4	150	150.00	1,515.2	Ladder Peak	55.93
5	200	150.00	1,136.4	Ladder Peak	60.75
6	300	150.00	757.6	Ladder Peak	70.01
7	400	150.00	568.2	Ladder Peak	77.93
8	500	150.00	454.5	Ladder Peak	83.56
9	600	150.00	378.8	Ladder Peak	88.38
10	700	150.00	324.7	Ladder Peak	91.38
11	1,000	150.00	227.3	Ladder Peak	95.54
12	2,000	150.00	113.6	Ladder Peak	101.40
13	3,000	150.00	75.8	Ladder Peak	104.41
14	7,000	150.00	32.5	Ladder Peak	109.52
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-02\2018-01-02_001.xad

Created: 1/2/2018 2:24:36 PM
 Modified: 1/2/2018 3:00:11 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : RNA seq dms0 1d I2

Number of peaks found: 8 Corr. Area 1: 2,430.2
 Noise: 0.2

Peak table for sample 1 : RNA seq dms0 1d I2

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	316	985.38	4,729.7		71.25
3	326	169.93	790.0		72.06
4	362	157.51	659.2		74.92
5	368	146.54	603.2		75.40
6	389	197.68	770.8		77.02
7	408	165.11	612.4		78.41
8	423	1,317.93	4,722.1		79.22
9	582	225.65	587.3		87.52
10	10,380	75.00	10.9	Upper Marker	113.00

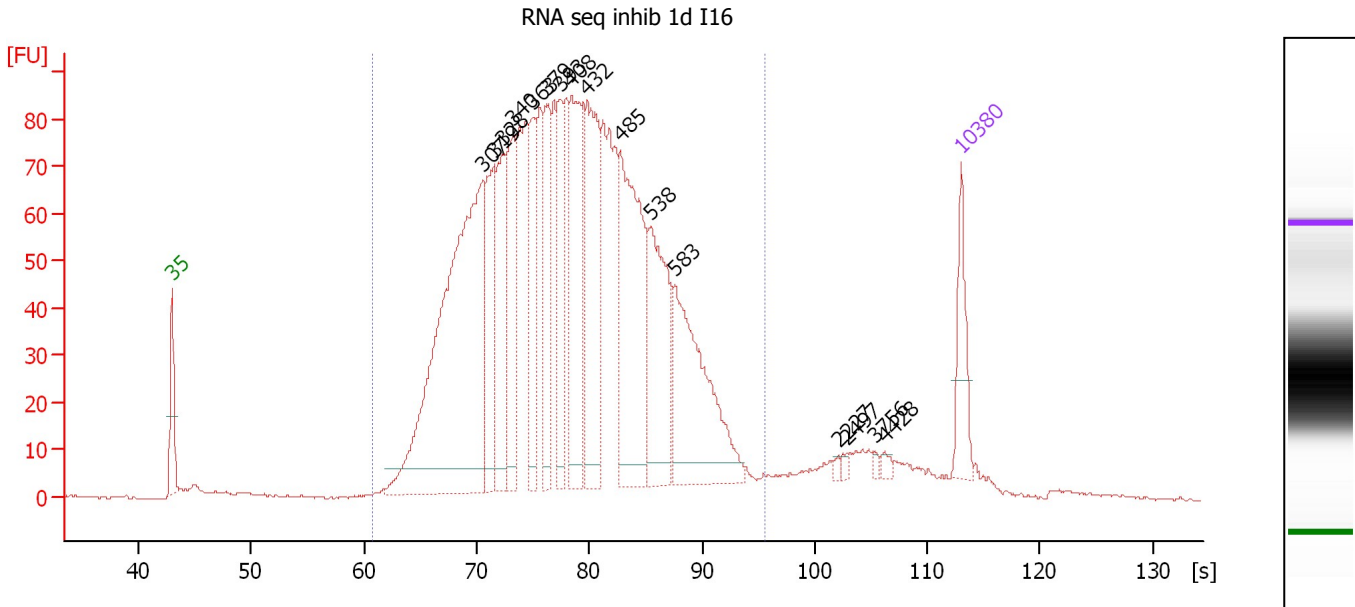
Region table for sample 1 : RNA seq dms0 1d I2

From [s]	To [s]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]
60.75	95.54	412	2,430.2	4,366.61	17,607.9	96	26.6

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-02\2018-01-02_001.xad

Created: 1/2/2018 2:24:36 PM
 Modified: 1/2/2018 3:00:11 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : RNA seq inhib 1d I16

Number of peaks found: 16 Corr. Area 1: 2,264.2
 Noise: 0.2

Peak table for sample 2 : RNA seq inhib 1d I16

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	307	976.91	4,825.2		70.54
3	319	206.69	980.5		71.54
4	328	221.31	1,021.0		72.26
5	340	214.86	956.3		73.21
6	363	148.75	620.4		75.02
7	379	159.37	637.2		76.26
8	393	156.62	603.3		77.40
9	408	294.69	1,093.1		78.41
10	432	301.01	1,055.3		79.74
11	485	406.20	1,267.7		82.74
12	538	259.91	731.4		85.41
13	583	321.26	835.1		87.55
14	2,227	5.18	3.5		102.09
15	2,497	6.38	3.9		102.90
16	3,756	5.15	2.1		105.38
17	4,428	8.19	2.8		106.23
18	10,380	75.00	10.9	Upper Marker	113.00

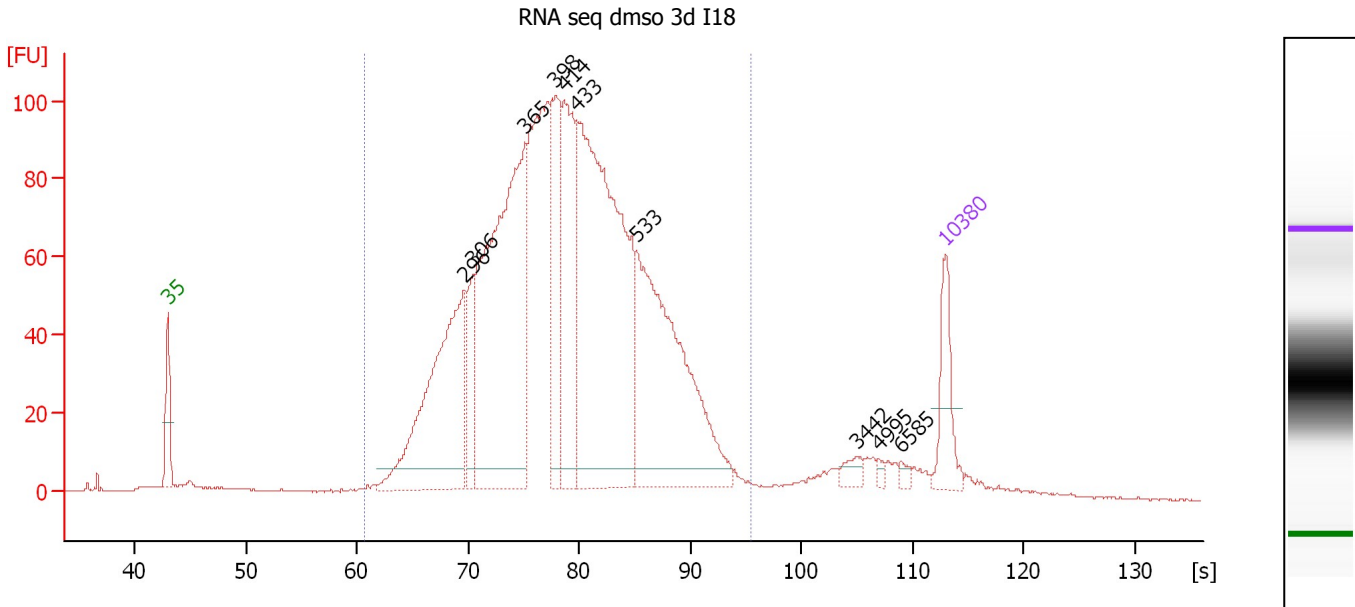
Region table for sample 2 : RNA seq inhib 1d I16

From [s]	To [s]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
60.75	95.54	422	2,264.2	4,955.53	19,828.9	93	28.6

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-02\2018-01-02_001.xad

Created: 1/2/2018 2:24:36 PM
 Modified: 1/2/2018 3:00:11 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : RNA seq dms0 3d I18

Number of peaks found: 10 Corr. Area 1: 2,340.4
 Noise: 0.2

Peak table for sample 3 : RNA seq dms0 3d I18

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	296	523.16	2,678.0		69.64
3	306	99.66	493.0		70.51
4	365	809.25	3,360.2		75.15
5	398	237.69	903.8		77.81
6	414	279.65	1,023.1		78.73
7	433	906.69	3,172.4		79.79
8	533	564.57	1,604.5		85.15
9	3,442	17.00	7.5		104.98
10	4,995	6.92	2.1		106.96
11	6,585	7.88	1.8		108.99
12	10,380	75.00	10.9	Upper Marker	113.00

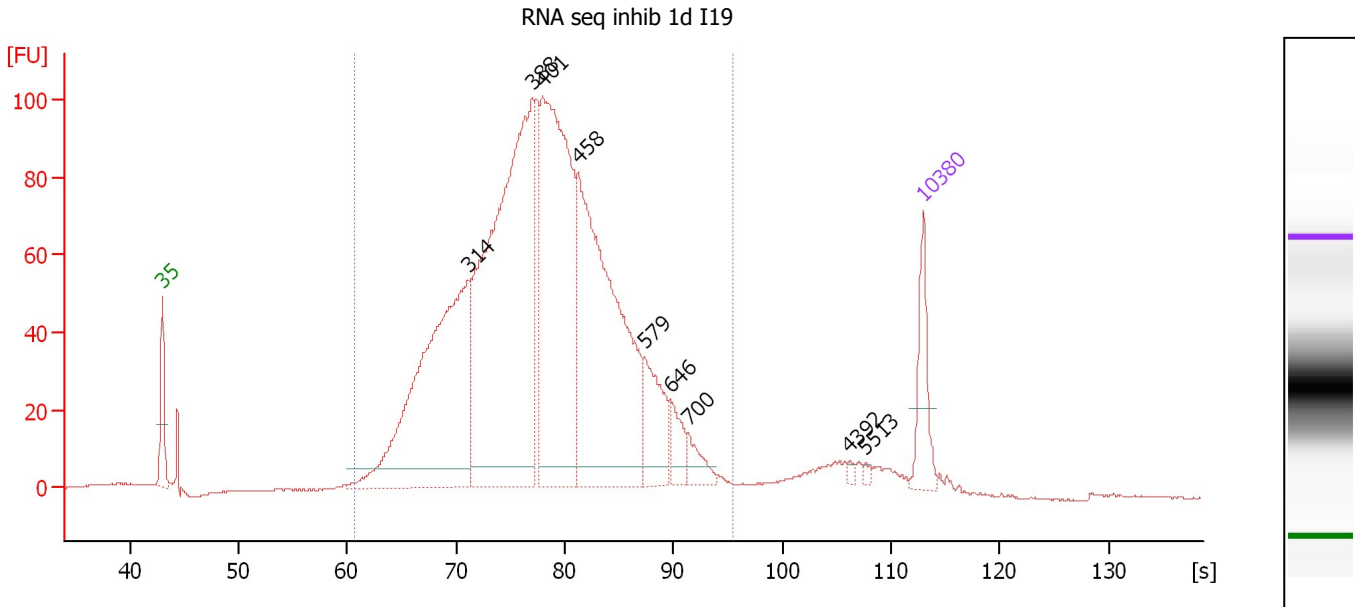
Region table for sample 3 : RNA seq dms0 3d I18

From [s]	To [s]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
60.75	95.54	429	2,340.4	4,055.28	15,845.9	93	27.4

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-02\2018-01-02_001.xad

Created: 1/2/2018 2:24:36 PM
 Modified: 1/2/2018 3:00:11 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : RNA seq inhib 1d I19

Number of peaks found: 9 Corr. Area 1: 2,107.2
 Noise: 0.2

Peak table for sample 4 : RNA seq inhib 1d I19

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	314	780.13	3,768.6		71.09
3	388	1,052.78	4,106.5		77.01
4	401	716.44	2,705.2		78.00
5	458	733.43	2,425.0		81.21
6	579	120.10	314.1		87.38
7	646	49.99	117.3		89.75
8	700	36.71	79.5		91.38
9	4,392	4.91	1.7		106.19
10	5,513	5.05	1.4		107.62
11	10,380	75.00	10.9	Upper Marker	113.00

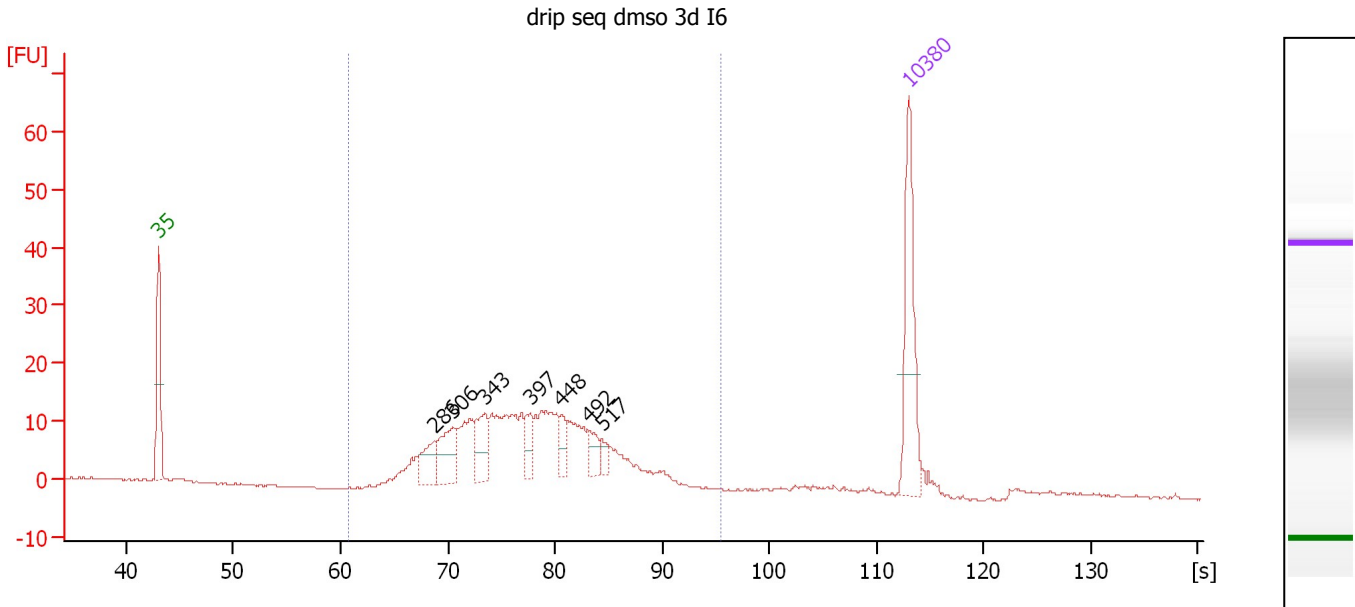
Region table for sample 4 : RNA seq inhib 1d I19

From [s]	To [s]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]
60.75	95.54	416	2,107.2	3,807.89	15,258.0	94	26.9

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-02\2018-01-02_001.xad

Created: 1/2/2018 2:24:36 PM
 Modified: 1/2/2018 3:00:11 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : drip seq dms0 3d I6

Number of peaks found: 7 Corr. Area 1: 301.7
 Noise: 0.1

Peak table for sample 5 : drip seq dms0 3d I6

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	286	32.70	172.9		68.76
3	306	45.60	225.5		70.51
4	343	38.10	168.3		73.42
5	397	20.64	78.7		77.72
6	448	16.31	55.2		80.63
7	492	17.18	52.9		83.14
8	517	9.45	27.7		84.39
9	10,380	75.00	10.9	Upper Marker	113.00

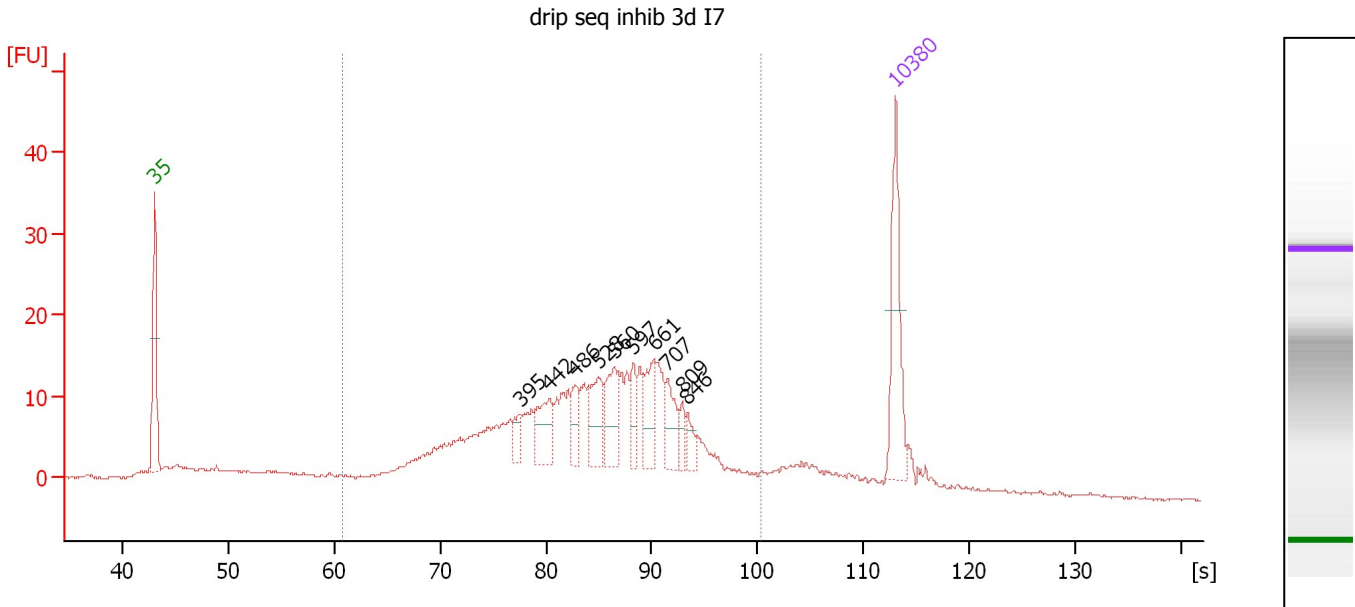
Region table for sample 5 : drip seq dms0 3d I6

From [s]	To [s]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
60.75	95.54	410	301.7	550.56	2,203.2	94	24.9

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-02\2018-01-02_001.xad

Created: 1/2/2018 2:24:36 PM
 Modified: 1/2/2018 3:00:11 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : drip seq inhib 3d I7

Number of peaks found: 10 Corr. Area 1: 357.4
 Noise: 0.2

Peak table for sample 6 : drip seq inhib 3d I7

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	395	17.13	65.7		77.52
3	442	46.81	160.3		80.31
4	486	21.95	68.4		82.80
5	528	47.91	137.4		84.93
6	560	45.53	123.2		86.45
7	597	23.41	59.4		88.23
8	661	41.29	94.7		90.21
9	707	33.86	72.6		91.48
10	809	13.97	26.1		92.90
11	846	14.05	25.2		93.41
12	10,380	75.00	10.9	Upper Marker	113.00

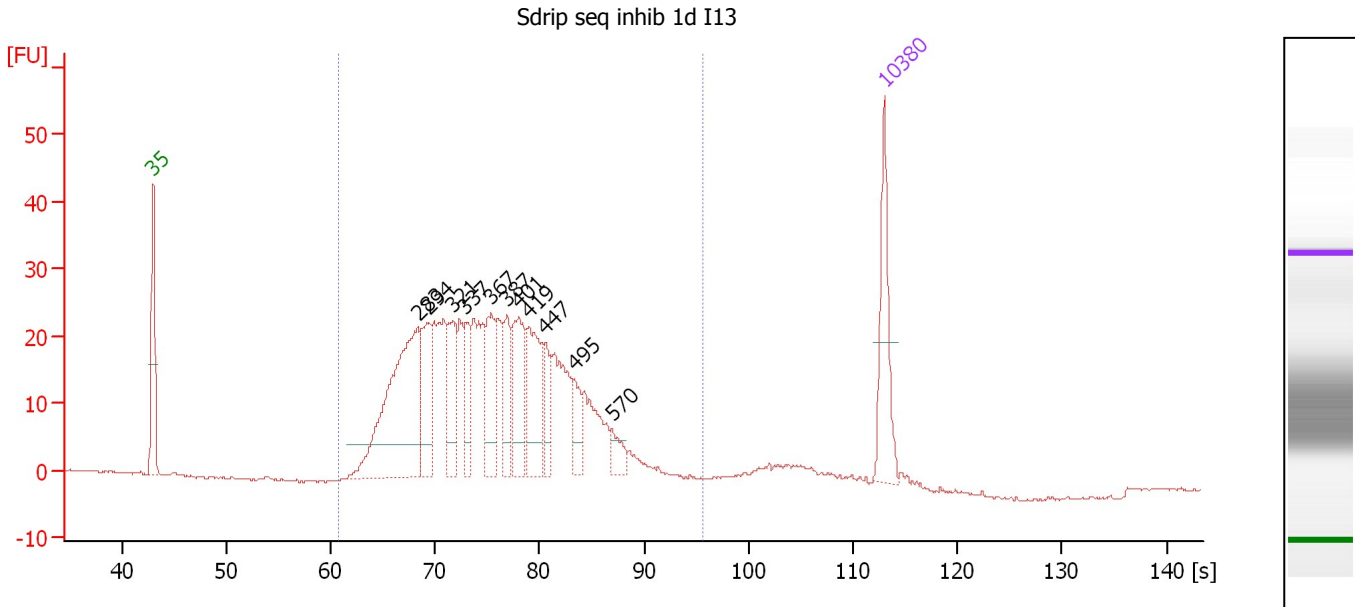
Region table for sample 6 : drip seq inhib 3d I7

From [s]	To [s]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of Total	Size distribution in CV [%]
60.75	100.24	561	357.4	987.90	3,249.7	80	42.6

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-02\2018-01-02_001.xad

Created: 1/2/2018 2:24:36 PM
 Modified: 1/2/2018 3:00:11 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : Sdrip seq inhib 1d I13

Number of peaks found: 11 Corr. Area 1: 617.1
 Noise: 0.2

Peak table for sample 7 : Sdrip seq inhib 1d I13

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	283	314.91	1,688.9		68.39
3	294	92.15	475.5		69.42
4	321	78.67	371.2		71.68
5	337	54.33	244.5		72.91
6	367	88.70	366.0		75.33
7	387	53.28	208.8		76.87
8	401	94.24	355.8		78.00
9	419	102.20	369.9		78.98
10	447	37.89	128.5		80.57
11	495	31.56	96.6		83.29
12	570	21.20	56.3		86.94
13	10,380	75.00	10.9	Upper Marker	113.00

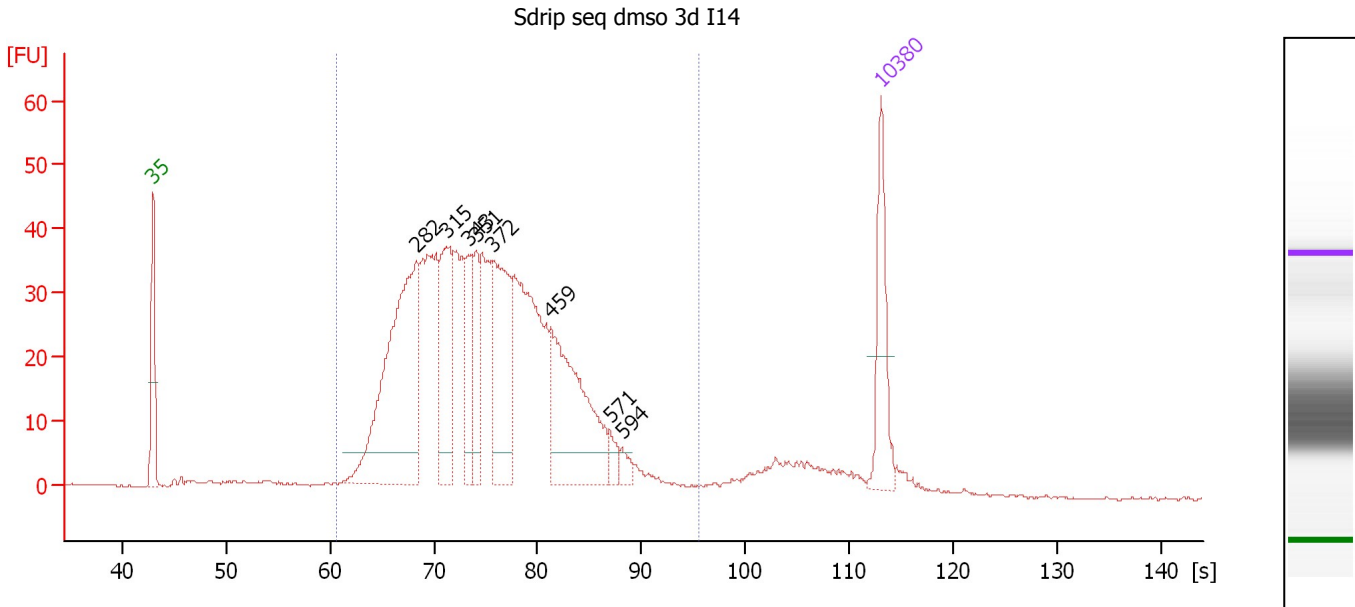
Region table for sample 7 : Sdrip seq inhib 1d I13

From [s]	To [s]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
60.75	95.54	382	617.1	1,552.64	6,737.8	96	26.4

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-02\2018-01-02_001.xad

Created: 1/2/2018 2:24:36 PM
 Modified: 1/2/2018 3:00:11 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : Sdrip seq dms0 3d I14

Number of peaks found: 8 Corr. Area 1: 937.2
 Noise: 0.1

Peak table for sample 8 : Sdrip seq dms0 3d I14

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	282	401.35	2,158.7		68.31
3	315	146.00	701.9		71.21
4	343	75.11	332.3		73.38
5	351	68.79	296.9		74.05
6	372	175.28	714.1		75.70
7	459	219.27	724.4		81.23
8	571	14.27	37.9		86.96
9	594	12.20	31.1		88.10
10	10,380	75.00	10.9	Upper Marker	113.00

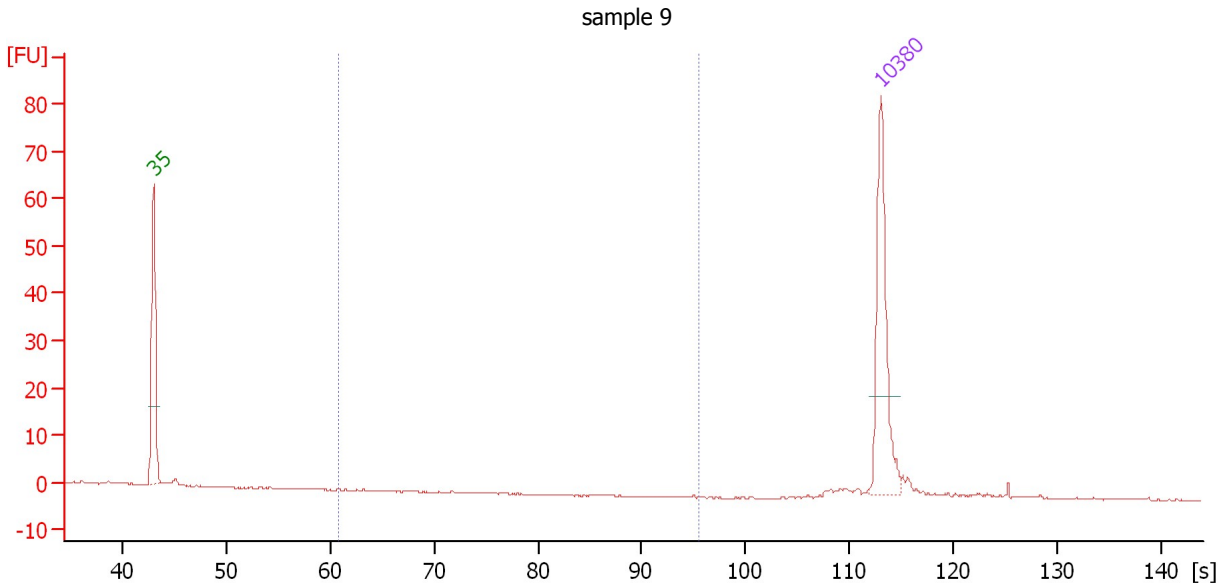
Region table for sample 8 : Sdrip seq dms0 3d I14

From [s]	To [s]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
60.75	95.54	374	937.2	1,962.34	8,687.8	91	27.2

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-02\2018-01-02_001.xad

Created: 1/2/2018 2:24:36 PM
 Modified: 1/2/2018 3:00:11 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : sample 9

Number of peaks found: 0 Corr. Area 1: 0.0
 Noise: 0.1

Peak table for sample 9 : sample 9

Pea k	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

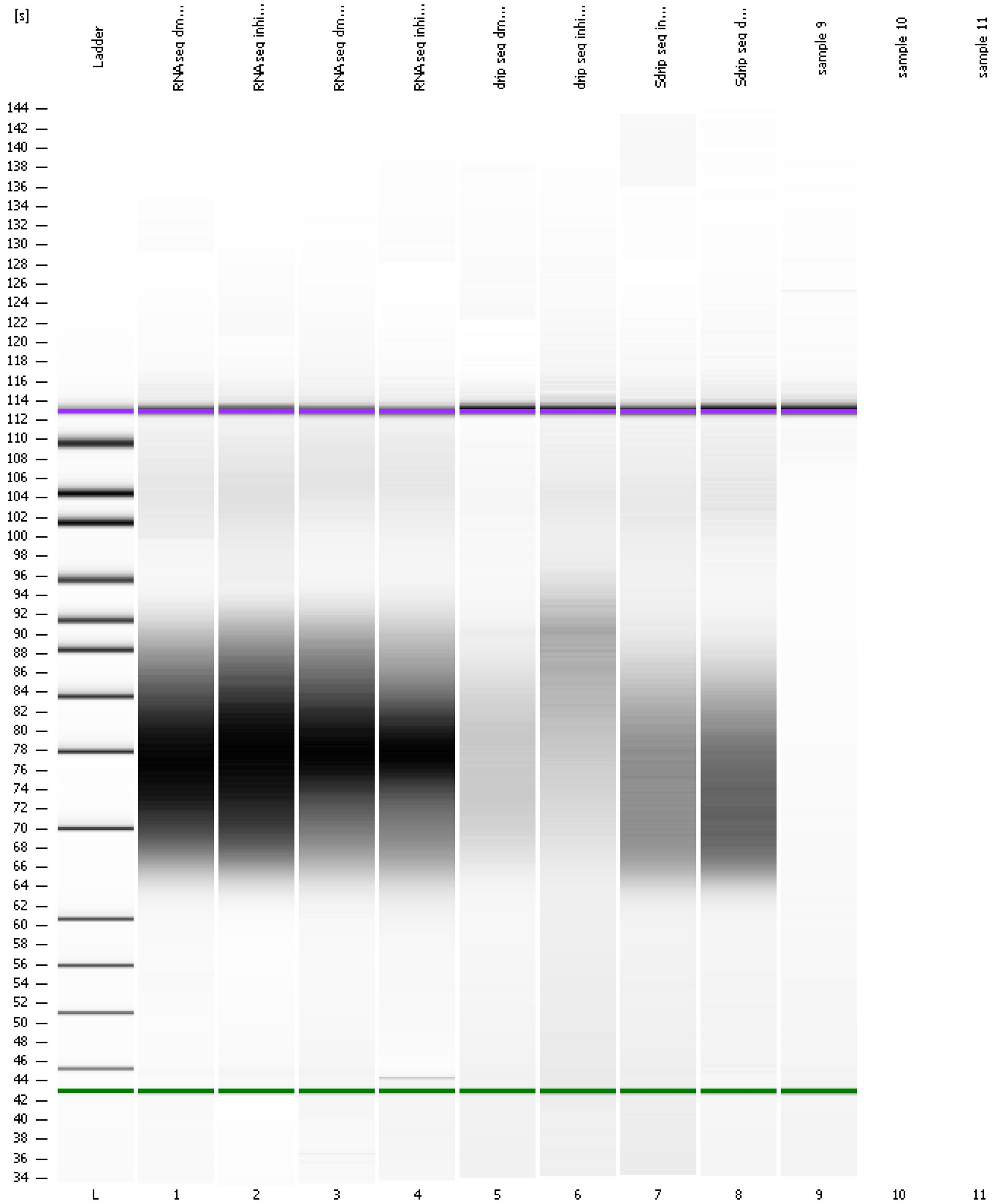
Region table for sample 9 : sample 9

From [s]	To [s]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
60.75	95.54	0	0.0	0.00	0.0	0	0.0

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-02\2018-01-02_001.xad

Created: 1/2/2018 2:24:36 PM
Modified: 1/2/2018 3:00:11 PM

Gel Image



Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-02\2018-01-02_001.xad

Created: 1/2/2018 2:24:36 PM
Modified: 1/2/2018 3:00:11 PM

Invalid Samples

Sample 10 has not been run, no results available.

Sample 11 has not been run, no results available.