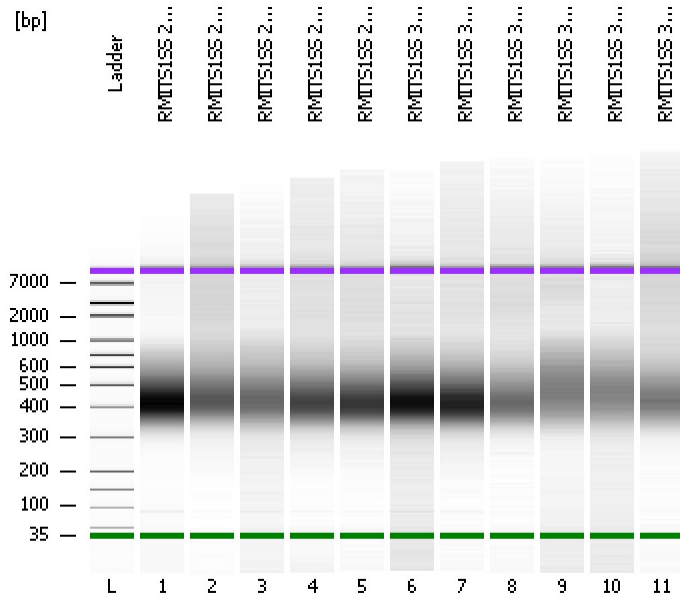


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2015-09-01\2015-09-01_002.xad

Created: 9/1/2015 4:22:58 PM
Modified: 9/1/2015 5:04:39 PM

Electrophoresis File Run Summary



Instrument Information:

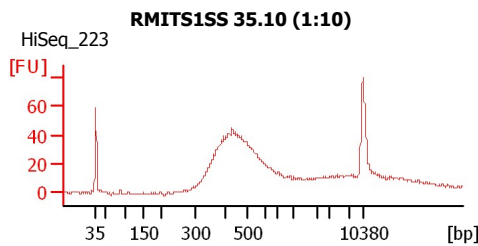
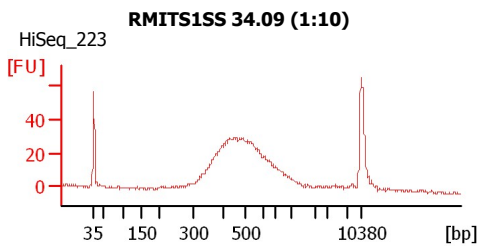
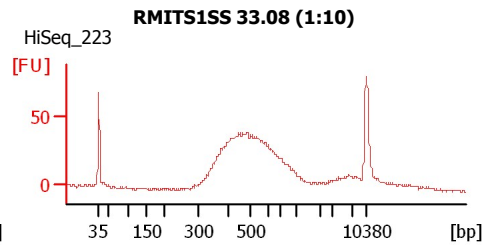
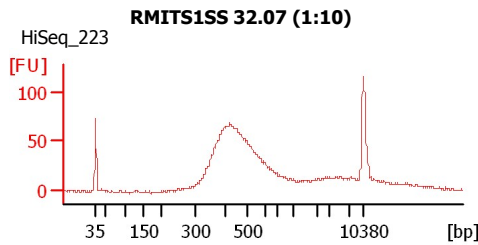
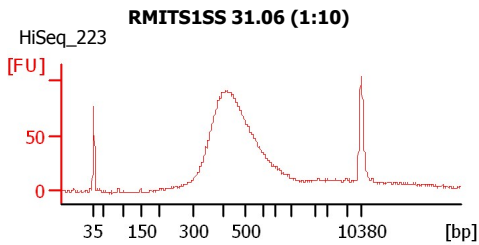
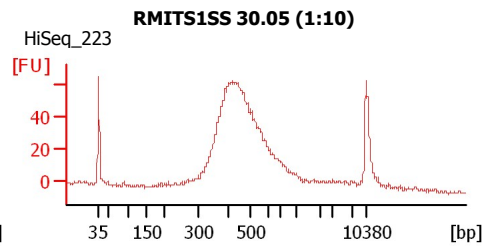
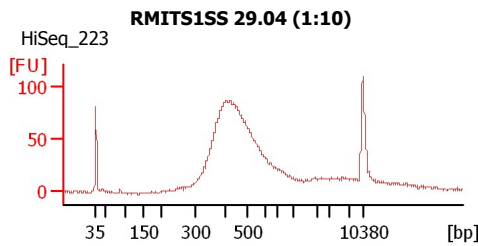
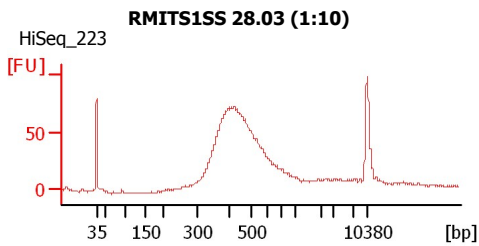
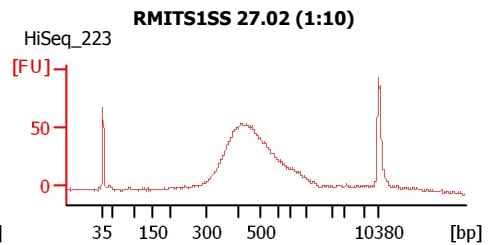
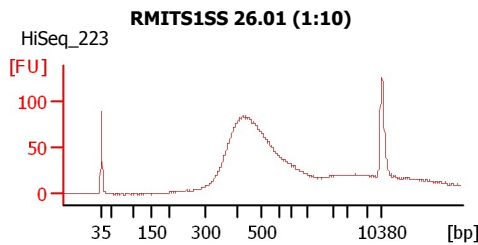
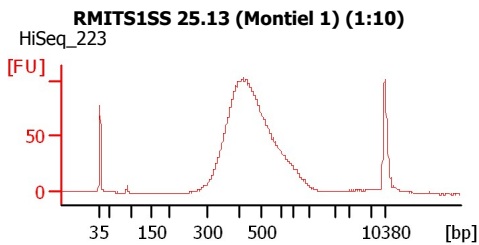
Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

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:\...ents and Settings\Bioanalyzer\2015-09-01\2015-09-01_002.xad

Created: 9/1/2015 4:22:58 PM
Modified: 9/1/2015 5:04:39 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status Observation	Result Label	Result Color
RMITS1SS 25.13 (Montiel 1) (1:10)	HiSeq_223	<input type="checkbox"/>	✓		
RMITS1SS 26.01 (1:10)	HiSeq_223	<input type="checkbox"/>	✓		
RMITS1SS 27.02 (1:10)	HiSeq_223	<input type="checkbox"/>	✓		
RMITS1SS 28.03 (1:10)	HiSeq_223	<input type="checkbox"/>	✓		
RMITS1SS 29.04 (1:10)	HiSeq_223	<input type="checkbox"/>	✓		
RMITS1SS 30.05 (1:10)	HiSeq_223	<input type="checkbox"/>	✓		
RMITS1SS 31.06 (1:10)	HiSeq_223	<input type="checkbox"/>	✓		
RMITS1SS 32.07 (1:10)	HiSeq_223	<input type="checkbox"/>	✓		
RMITS1SS 33.08 (1:10)	HiSeq_223	<input type="checkbox"/>	✓		
RMITS1SS 34.09 (1:10)	HiSeq_223	<input type="checkbox"/>	✓		
RMITS1SS 35.10 (1:10)	HiSeq_223	<input type="checkbox"/>	✓		
Ladder		<input type="checkbox"/>	✓		

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2015-09-01\2015-09-01_002.xad

Created: 9/1/2015 4:22:58 PM
Modified: 9/1/2015 5:04:39 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

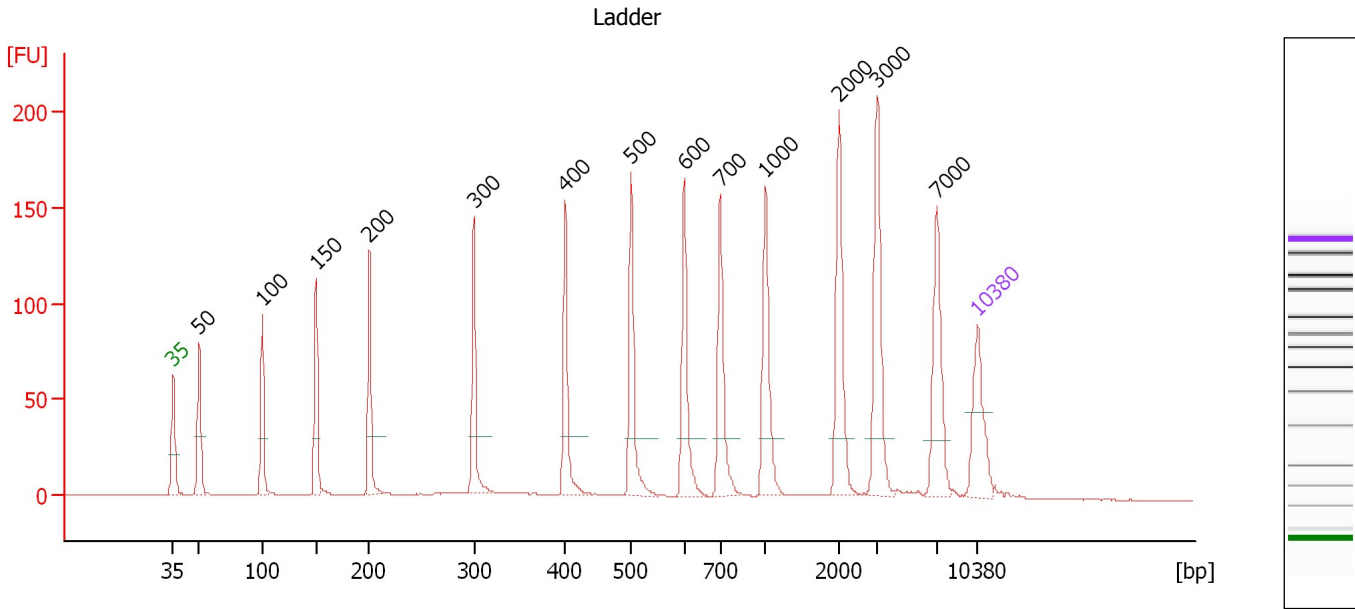
Ladder

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:\...ents and Settings\Bioanalyzer\2015-09-01\2015-09-01_002.xad

Created: 9/1/2015 4:22:58 PM
 Modified: 9/1/2015 5:04:39 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.1

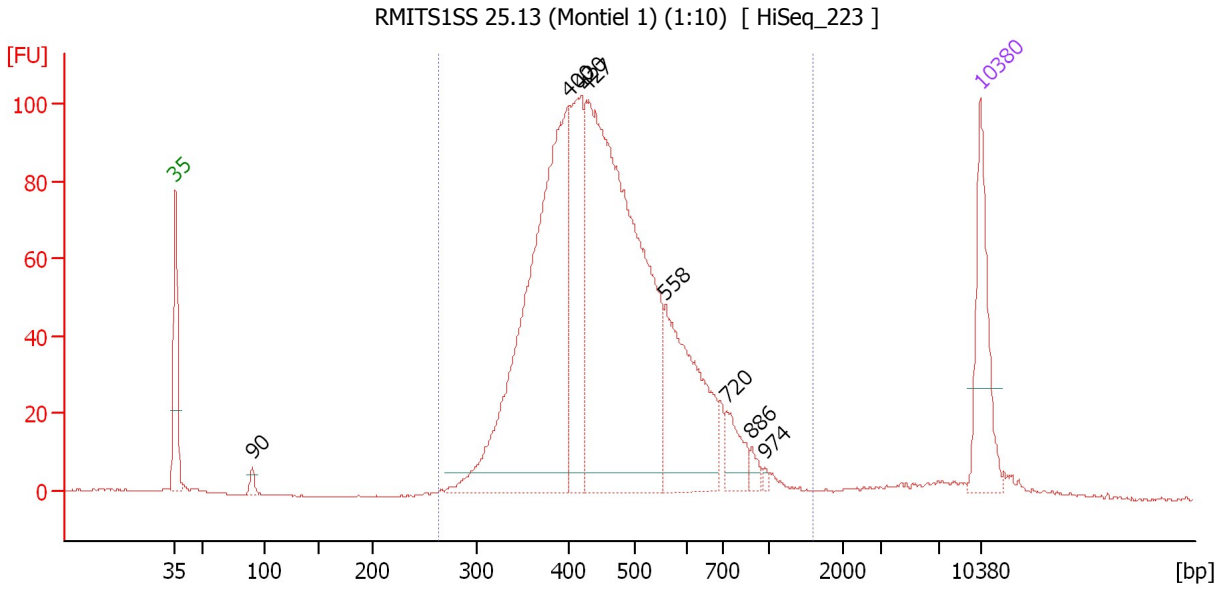
Peak table for Ladder

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	45.27
3	100	150.00	2,272.7	Ladder Peak	50.75
4	150	150.00	1,515.2	Ladder Peak	55.44
5	200	150.00	1,136.4	Ladder Peak	60.08
6	300	150.00	757.6	Ladder Peak	69.18
7	400	150.00	568.2	Ladder Peak	77.16
8	500	150.00	454.5	Ladder Peak	82.87
9	600	150.00	378.8	Ladder Peak	87.47
10	700	150.00	324.7	Ladder Peak	90.63
11	1,000	150.00	227.3	Ladder Peak	94.57
12	2,000	150.00	113.6	Ladder Peak	100.98
13	3,000	150.00	75.8	Ladder Peak	104.32
14	7,000	150.00	32.5	Ladder Peak	109.47
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-09-01\2015-09-01_002.xad

Created: 9/1/2015 4:22:58 PM
 Modified: 9/1/2015 5:04:39 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : RMITS1SS 25.13 (Montiel 1) (1:10)

Number of peaks found: 8 Corr. Area 1: 1,733.3
 Noise: 0.2

Peak table for sample 1 : RMITS1SS 25.13 (Montiel 1) (1:10)

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	90	9.74	163.6		49.68
3	400	552.08	2,091.1		77.17
4	420	178.09	643.2		78.28
5	427	680.72	2,416.5		78.70
6	558	185.79	504.2		85.56
7	720	35.66	75.0		90.89
8	886	9.09	15.6		93.07
9	974	2.99	4.6		94.23
10	10,380	75.00	10.9	Upper Marker	113.00

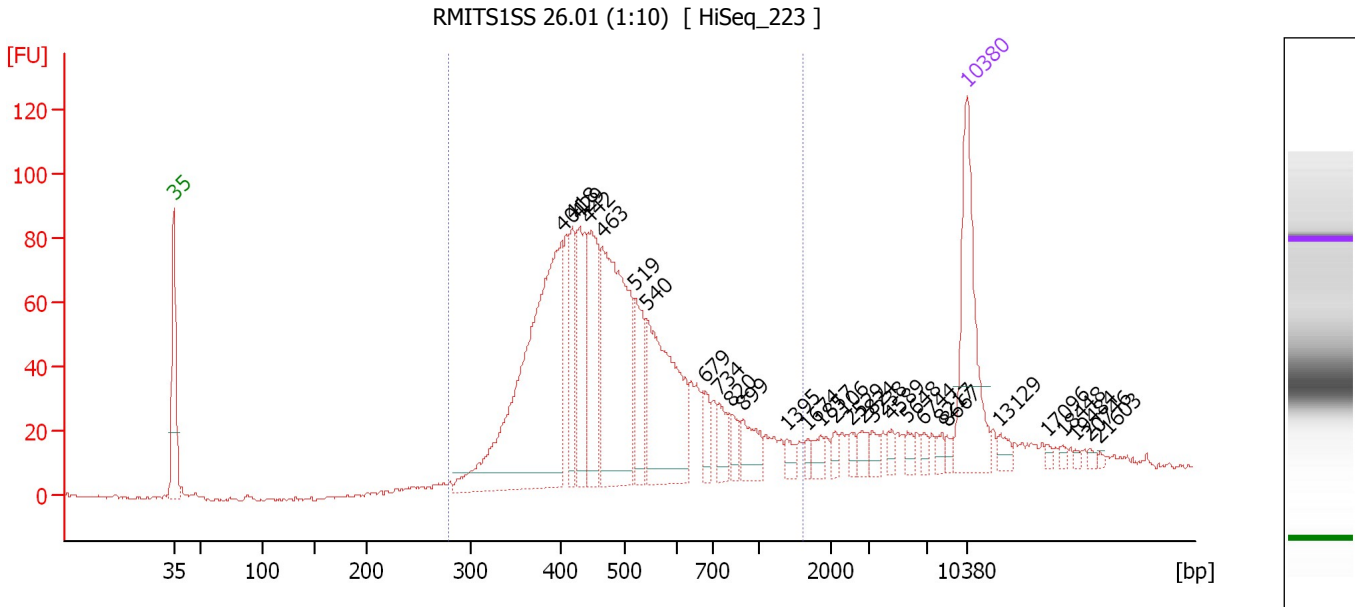
Region table for sample 1 : RMITS1SS 25.13 (Montiel 1) (1:10)

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]	Conc. [pg/μl]
265	475	1,612	1,733.3	5,809.2	97	27.6	1,690.96

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-09-01\2015-09-01_002.xad

Created: 9/1/2015 4:22:58 PM
 Modified: 9/1/2015 5:04:39 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : RMITS1SS 26.01 (1:10)

Number of peaks found: 29 Corr. Area 1: 1,428.7
 Noise: 0.5

Peak table for sample 2 : RMITS1SS 26.01 (1:10)

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	401	293.93	1,109.4		77.25
3	418	46.16	167.3		78.19
4	429	70.13	247.9		78.80
5	442	78.11	267.9		79.55
6	463	178.12	582.6		80.78
7	519	44.57	130.2		83.74
8	540	125.60	352.2		84.73
9	679	13.62	30.4		89.95
10	734	16.90	34.9		91.08
11	820	10.14	18.7		92.21
12	899	22.27	37.5		93.24
13	1,395	7.13	7.7		97.10
14	1,674	4.13	3.7		98.89
15	1,857	7.57	6.2		100.06
16	2,106	5.68	4.1		101.33
17	2,529	4.97	3.0		102.74
18	2,824	7.35	3.9		103.73
19	3,238	6.78	3.2		104.63
20	4,589	5.52	1.8		106.37
21	5,648	5.49	1.5		107.73
22	6,744	4.72	1.1		109.14
23	8,217	4.81	0.9		110.74
24	8,667	3.55	0.6		111.21
25	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-09-01\2015-09-01_002.xad

Created: 9/1/2015 4:22:58 PM
 Modified: 9/1/2015 5:04:39 PM

Electropherogram Summary Continued ...

... Peak table for sample 2 : RMITS1SS 26.01 (1:10)

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	13,129	0.00	0.0		115.87
27	17,096	0.00	0.0		120.01
28	18,448	0.00	0.0		121.42
29	19,484	0.00	0.0		122.50
30	20,746	0.00	0.0		123.82
31	21,603	0.00	0.0		124.71

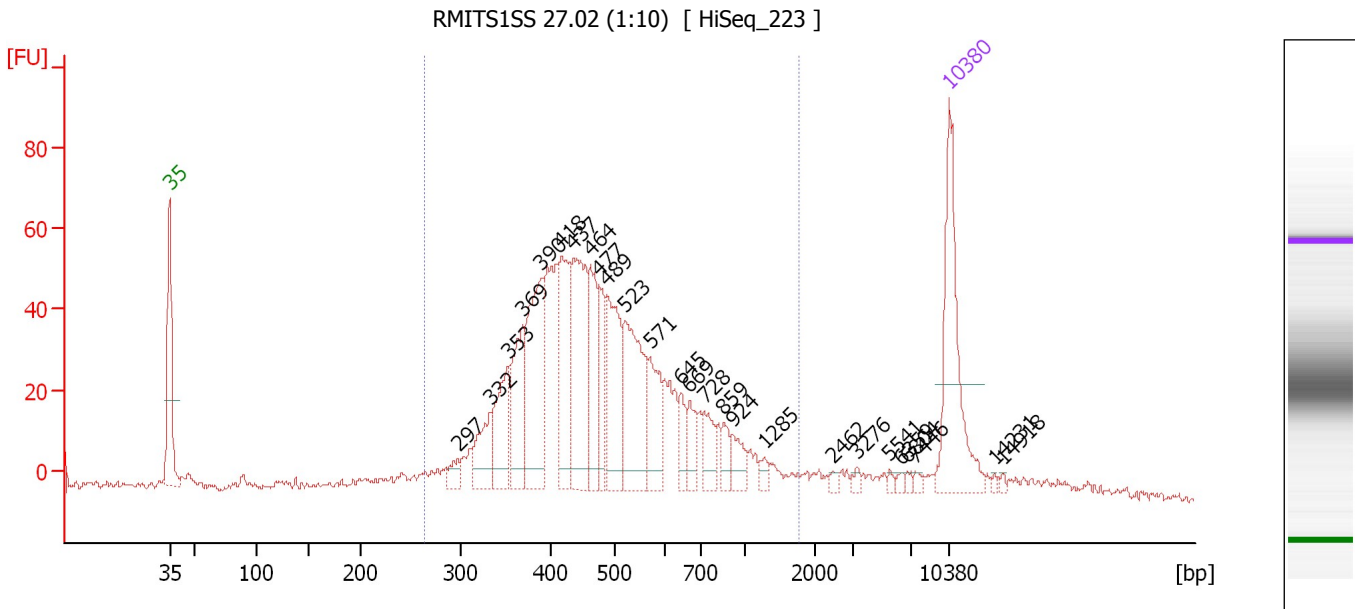
Region table for sample 2 : RMITS1SS 26.01 (1:10)

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]	Conc. [pg/μl]
278	523	1,621	1,428.7	3,254.0	86	39.3	995.98

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-09-01\2015-09-01_002.xad

Created: 9/1/2015 4:22:58 PM
 Modified: 9/1/2015 5:04:39 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : RMITS1SS 27.02 (1:10)

Number of peaks found: 26 Corr. Area 1: 1,168.7
 Noise: 1.1

Peak table for sample 3 : RMITS1SS 27.02 (1:10)

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	297	10.52	53.7		68.89
3	332	35.62	162.4		71.76
4	353	51.98	223.3		73.38
5	369	61.17	251.3		74.67
6	390	96.57	375.4		76.35
7	418	72.57	263.3		78.17
8	437	101.22	351.1		79.27
9	464	54.14	176.9		80.80
10	477	34.09	108.3		81.56
11	489	73.23	227.0		82.23
12	523	87.16	252.7		83.91
13	571	39.53	104.8		86.16
14	645	17.07	40.1		88.89
15	669	17.48	39.6		89.65
16	728	20.18	42.0		90.99
17	859	11.57	20.4		92.71
18	924	14.99	24.6		93.57
19	1,285	5.51	6.5		96.40
20	2,462	2.74	1.7		102.52
21	3,276	3.00	1.4		104.67
22	5,541	1.96	0.5		107.59
23	6,359	2.31	0.6		108.65
24	6,804	2.13	0.5		109.22
25	7,446	2.38	0.5		109.94

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2015-09-01\2015-09-01_002.xad

Created: 9/1/2015 4:22:58 PM
Modified: 9/1/2015 5:04:39 PM

Electropherogram Summary Continued ...**... Peak table for sample 3 : RMITS1SS 27.02 (1:10)**

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	14,231	0.00	0.0		117.02
28	14,918	0.00	0.0		117.74

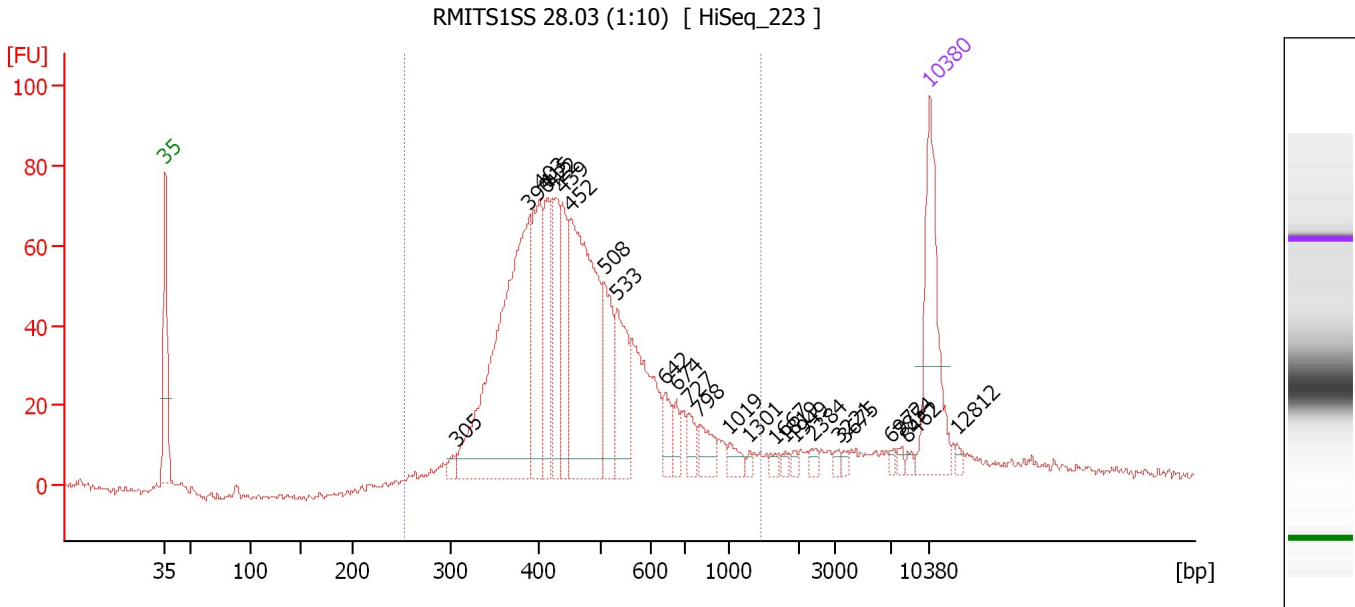
Region table for sample 3 : RMITS1SS 27.02 (1:10)

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]	Conc. [pg/μl]
265	519	1,767	1,168.7	3,394.3	86	41.3	1,014.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-09-01\2015-09-01_002.xad

Created: 9/1/2015 4:22:58 PM
 Modified: 9/1/2015 5:04:39 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : RMITS1SS 28.03 (1:10)

Number of peaks found: 25 Corr. Area 1: 1,237.8
 Noise: 0.9

Peak table for sample 4 : RMITS1SS 28.03 (1:10)

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	305	7.62	37.8		69.60
3	390	286.87	1,115.4		76.34
4	403	89.58	337.1		77.32
5	415	62.22	227.4		78.00
6	422	70.20	251.8		78.44
7	439	58.55	201.9		79.42
8	452	205.75	689.3		80.15
9	508	57.61	172.0		83.22
10	533	59.25	168.4		84.39
11	642	17.91	42.3		88.79
12	674	11.13	25.0		89.81
13	727	13.12	27.3		90.98
14	798	18.16	34.5		91.91
15	1,019	9.48	14.1		94.69
16	1,301	2.78	3.2		96.50
17	1,667	3.52	3.2		98.84
18	1,819	3.01	2.5		99.82
19	1,949	2.90	2.3		100.65
20	2,384	4.17	2.6		102.26
21	3,221	3.18	1.5		104.60
22	3,675	2.61	1.1		105.19
23	6,972	2.58	0.6		109.44
24	7,854	2.96	0.6		110.36
25	8,462	2.82	0.5		111.00

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2015-09-01\2015-09-01_002.xad

Created: 9/1/2015 4:22:58 PM
Modified: 9/1/2015 5:04:39 PM

Electropherogram Summary Continued ...**... Peak table for sample 4 : RMITS1SS 28.03 (1:10)**

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	12,812	0.00	0.0		115.54

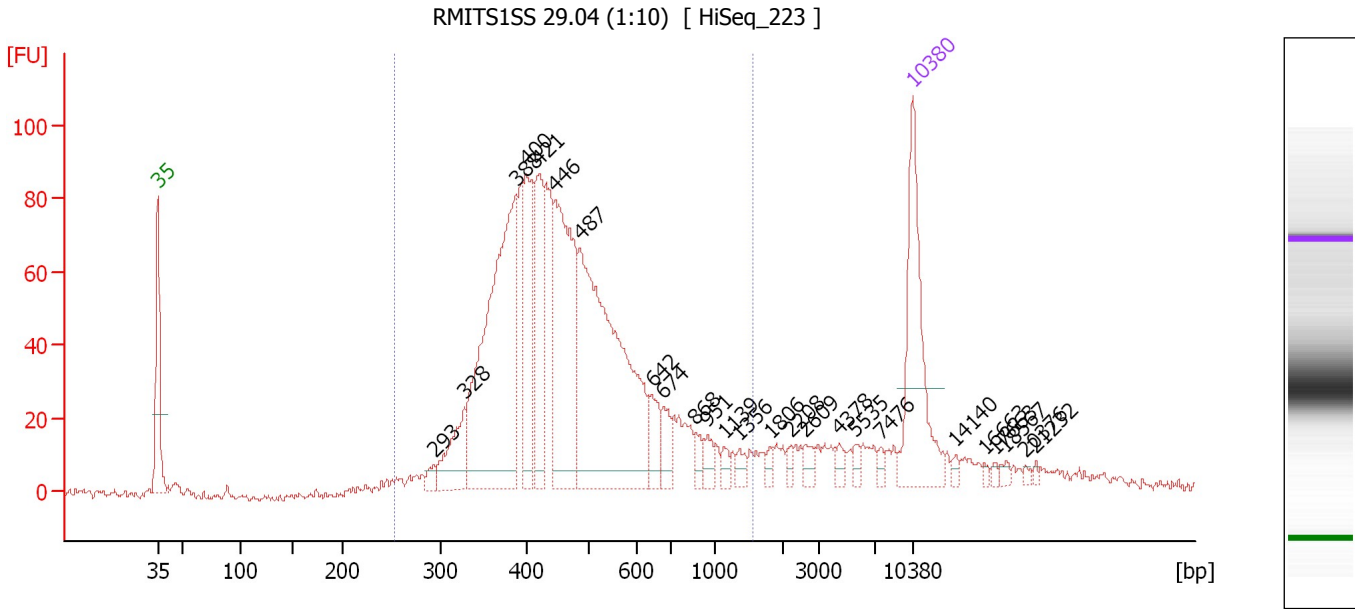
Region table for sample 4 : RMITS1SS 28.03 (1:10)

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]	Conc. [pg/ μ l]
253	487	1,469	1,237.8	3,885.5	91	32.9	1,135.98

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-09-01\2015-09-01_002.xad

Created: 9/1/2015 4:22:58 PM
 Modified: 9/1/2015 5:04:39 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : RMITS1SS 29.04 (1:10)

Number of peaks found: 25 Corr. Area 1: 1,509.2
 Noise: 1.4

Peak table for sample 5 : RMITS1SS 29.04 (1:10)

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	7.48	38.6		68.59
3	328	42.54	196.5		71.42
4	388	248.77	972.1		76.19
5	400	73.42	278.4		77.13
6	421	72.16	259.6		78.37
7	446	151.26	514.4		79.76
8	487	262.92	817.5		82.15
9	642	21.33	50.3		88.81
10	674	17.09	38.4		89.80
11	868	6.96	12.2		92.83
12	951	9.13	14.5		93.92
13	1,139	5.49	7.3		95.46
14	1,356	6.05	6.8		96.85
15	1,806	4.14	3.5		99.74
16	2,208	3.81	2.6		101.67
17	2,609	6.17	3.6		103.01
18	4,378	5.53	1.9		106.09
19	5,535	4.32	1.2		107.58
20	7,476	3.63	0.7		109.97
21	10,380	75.00	10.9	Upper Marker	113.00
22	14,140	0.00	0.0		116.92
23	16,663	0.00	0.0		119.56
24	17,663	0.00	0.0		120.60
25	18,567	0.00	0.0		121.55

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-09-01\2015-09-01_002.xad


Created: 9/1/2015 4:22:58 PM
 Modified: 9/1/2015 5:04:39 PM

Electropherogram Summary Continued ...

... Peak table for sample 5 : RMITS1SS 29.04 (1:10)

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	20,376	0.00	0.0		123.43
27	21,232	0.00	0.0		124.33

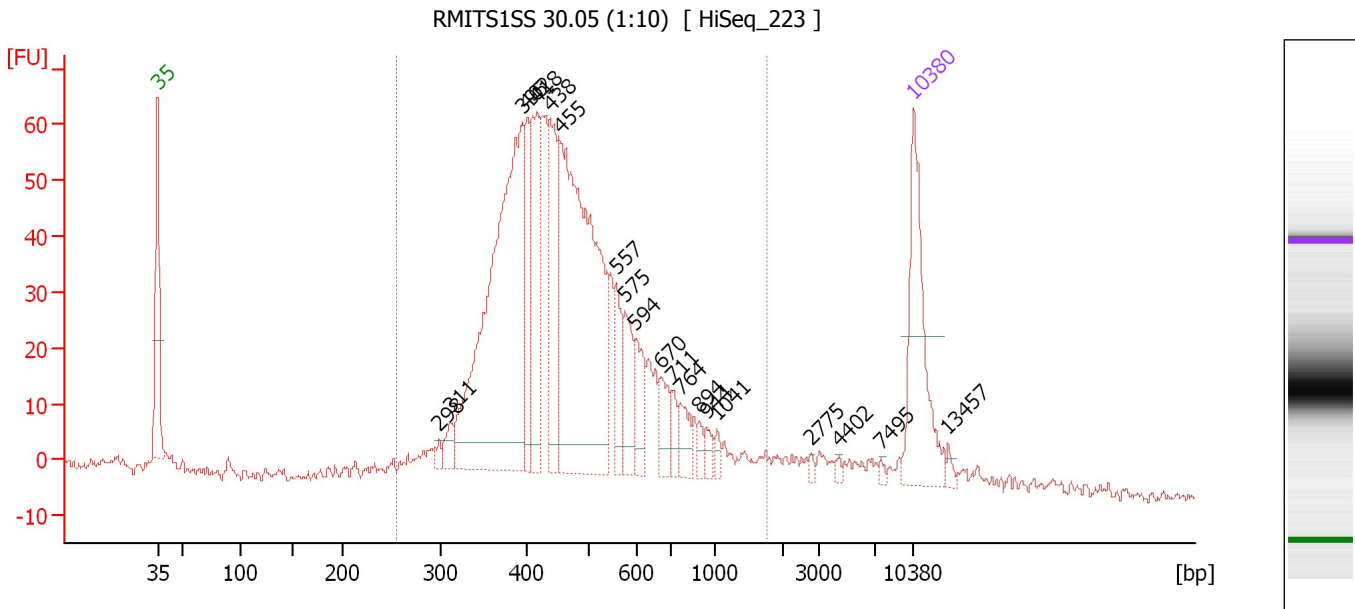
Region table for sample 5 : RMITS1SS 29.04 (1:10)

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]	Conc. [pg/μl]
253	496	1,571	1,509.2	3,730.5	 87	37.7	1,090.62

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-09-01\2015-09-01_002.xad

Created: 9/1/2015 4:22:58 PM
 Modified: 9/1/2015 5:04:39 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : RMITS1SS 30.05 (1:10)

Number of peaks found: 20 Corr. Area 1: 1,146.1
 Noise: 1.0

Peak table for sample 6 : RMITS1SS 30.05 (1:10)

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	298	5.20	26.4		69.04
3	311	13.08	63.6		70.10
4	395	332.62	1,275.6		76.77
5	402	61.00	230.0		77.27
6	418	84.66	307.1		78.18
7	438	76.32	264.1		79.33
8	455	303.19	1,010.4		80.28
9	557	30.02	81.6		85.50
10	575	33.67	88.8		86.30
11	594	28.71	73.2		87.21
12	670	22.00	49.8		89.67
13	711	12.17	25.9		90.77
14	764	17.93	35.5		91.47
15	894	6.49	11.0		93.18
16	944	6.92	11.1		93.83
17	1,041	5.23	7.6		94.84
18	2,775	2.31	1.3		103.57
19	4,402	2.19	0.8		106.13
20	7,495	2.33	0.5		109.99
21	10,380	75.00	10.9	Upper Marker	113.00
22	13,457	0.00	0.0		116.21

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2015-09-01\2015-09-01_002.xad

Created: 9/1/2015 4:22:58 PM
Modified: 9/1/2015 5:04:39 PM

Electropherogram Summary Continued ...

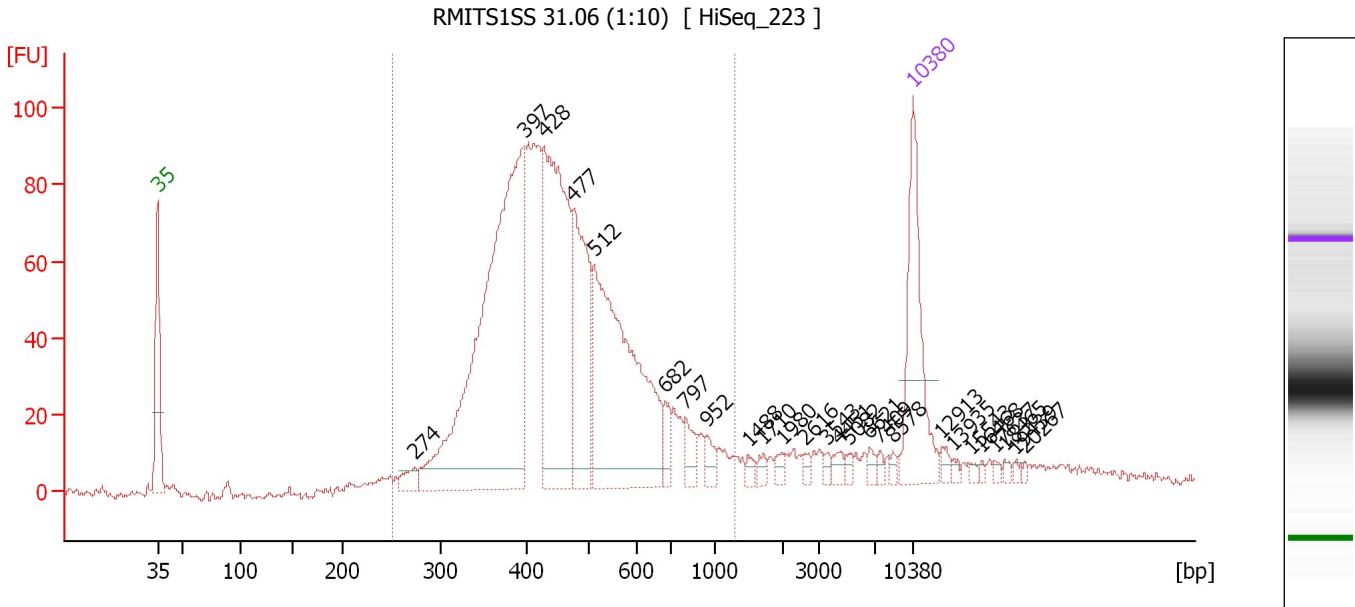
... Region table for sample 6 : **RMITS1SS 30.05 (1:10)**

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]	Conc. [pg/μl]
255	501	1,745	1,146.1	4,334.4	■ 91	38.9	1,278.30

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-09-01\2015-09-01_002.xad

Created: 9/1/2015 4:22:58 PM
 Modified: 9/1/2015 5:04:39 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : RMITS1SS 31.06 (1:10)

Number of peaks found: 26 Corr. Area 1: 1,537.4
 Noise: 0.8

Peak table for sample 7 : RMITS1SS 31.06 (1:10)

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	274	13.34	73.7		66.84
3	397	447.58	1,706.4		76.96
4	428	249.13	881.1		78.79
5	477	125.99	400.6		81.53
6	512	255.77	757.3		83.41
7	682	14.56	32.3		90.07
8	797	16.48	31.3		91.90
9	952	9.56	15.2		93.94
10	1,488	4.61	4.7		97.70
11	1,710	4.90	4.3		99.12
12	1,980	5.16	4.0		100.85
13	2,616	3.80	2.2		103.04
14	3,543	3.25	1.4		105.02
15	4,451	5.65	1.9		106.19
16	5,082	3.40	1.0		107.00
17	6,621	4.58	1.0		108.98
18	7,409	3.16	0.6		109.90
19	8,578	3.07	0.5		111.12
20	10,380	75.00	10.9	Upper Marker	113.00
21	12,913	0.00	0.0		115.64
22	13,935	0.00	0.0		116.71
23	15,543	0.00	0.0		118.39
24	16,468	0.00	0.0		119.35
25	17,637	0.00	0.0		120.57

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2015-09-01\2015-09-01_002.xad

Created: 9/1/2015 4:22:58 PM
Modified: 9/1/2015 5:04:39 PM

Electropherogram Summary Continued ...**... Peak table for sample 7 : RMITS1SS 31.06 (1:10)**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	18,465	0.00	0.0		121.44
27	19,439	0.00	0.0		122.46
28	20,267	0.00	0.0		123.32

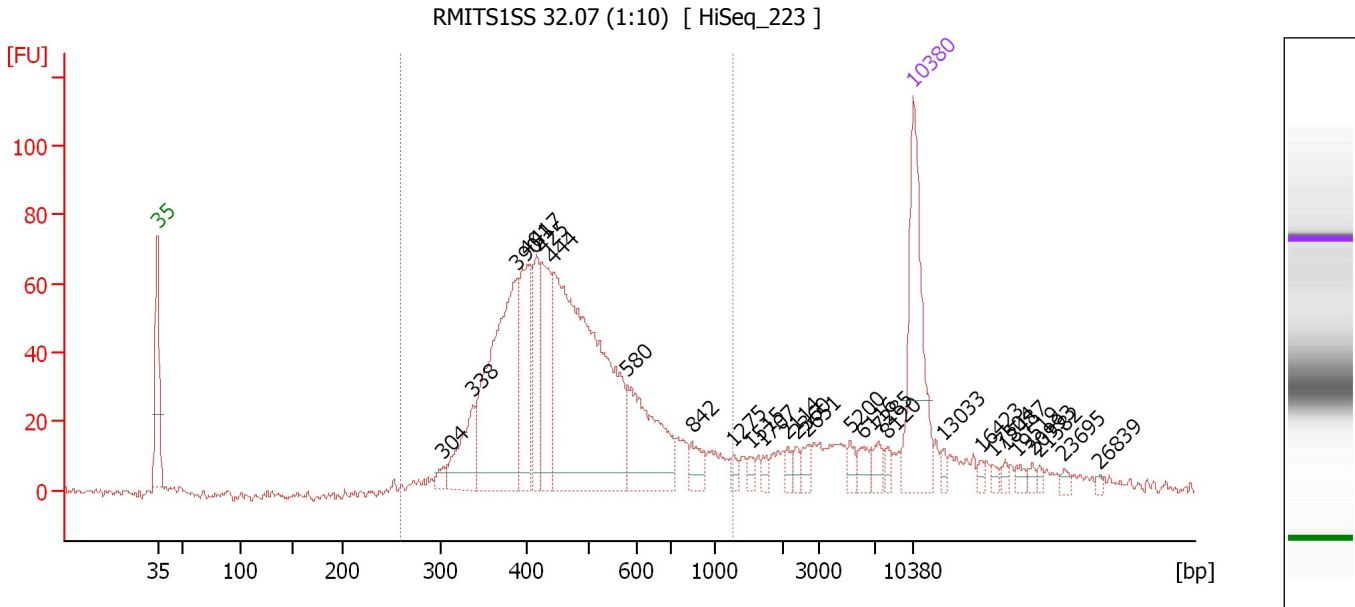
Region table for sample 7 : RMITS1SS 31.06 (1:10)

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]	Conc. [pg/μl]
252	474	1,292	1,537.4	4,511.3	91	29.5	1,295.98

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-09-01\2015-09-01_002.xad

Created: 9/1/2015 4:22:58 PM
 Modified: 9/1/2015 5:04:39 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : RMITS1SS 32.07 (1:10)

Number of peaks found: 28 Corr. Area 1: 1,174.0
 Noise: 1.1

Peak table for sample 8 : RMITS1SS 32.07 (1:10)

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	304	7.35	36.7		69.46
3	338	46.34	208.0		72.18
4	390	176.16	685.1		76.33
5	401	67.53	255.4		77.21
6	417	49.56	180.1		78.13
7	425	63.82	227.5		78.59
8	444	304.26	1,038.7		79.67
9	580	80.08	209.3		86.54
10	842	13.83	24.9		92.49
11	1,275	5.08	6.0		96.33
12	1,515	4.88	4.9		97.87
13	1,707	4.11	3.6		99.10
14	2,114	4.46	3.2		101.36
15	2,360	5.20	3.3		102.18
16	2,651	6.86	3.9		103.15
17	5,200	6.40	1.9		107.15
18	6,116	8.21	2.0		108.33
19	7,285	7.83	1.6		109.77
20	8,120	4.23	0.8		110.64
21	10,380	75.00	10.9	Upper Marker	113.00
22	13,033	0.00	0.0		115.77
23	16,423	0.00	0.0		119.31
24	17,504	0.00	0.0		120.44
25	18,487	0.00	0.0		121.46

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-09-01\2015-09-01_002.xad

Created: 9/1/2015 4:22:58 PM
 Modified: 9/1/2015 5:04:39 PM

Electropherogram Summary Continued ...

... Peak table for sample 8 : RMITS1SS 32.07 (1:10)

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	19,519	0.00	0.0		122.54
27	20,993	0.00	0.0		124.08
28	21,582	0.00	0.0		124.69
29	23,695	0.00	0.0		126.90
30	26,839	0.00	0.0		130.18

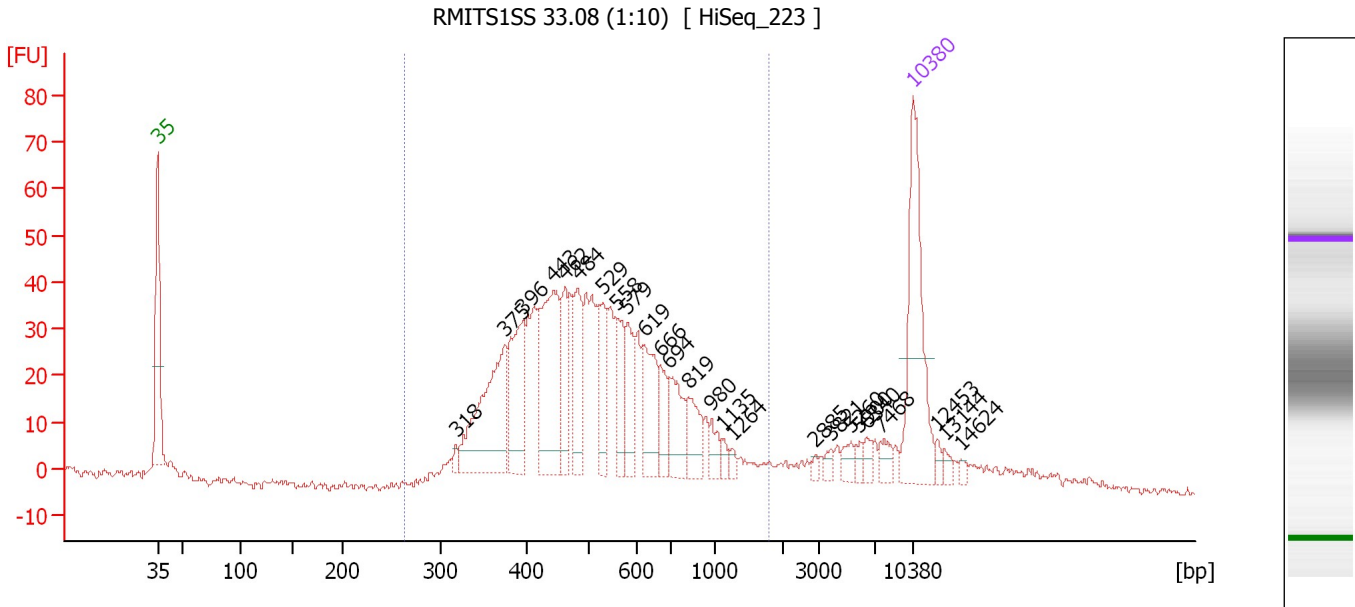
Region table for sample 8 : RMITS1SS 32.07 (1:10)

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]	Conc. [pg/μl]
259	488	1,258	1,174.0	2,968.0	80	31.2	870.46

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-09-01\2015-09-01_002.xad

Created: 9/1/2015 4:22:58 PM
 Modified: 9/1/2015 5:04:39 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : RMITS1SS 33.08 (1:10)

Number of peaks found: 25 Corr. Area 1: 862.6
 Noise: 0.9

Peak table for sample 9 : RMITS1SS 33.08 (1:10)

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	4.76	22.7		70.61
3	375	101.29	409.6		75.14
4	396	60.84	232.8		76.84
5	443	96.27	329.2		79.62
6	462	34.35	112.7		80.70
7	484	38.68	121.2		81.94
8	529	30.10	86.2		84.21
9	558	29.94	81.3		85.55
10	579	31.15	81.4		86.52
11	619	40.69	99.6		88.07
12	666	20.58	46.8		89.56
13	694	30.94	67.5		90.44
14	819	23.10	42.7		92.19
15	980	10.21	15.8		94.30
16	1,135	4.33	5.8		95.44
17	1,264	3.65	4.4		96.26
18	2,885	2.66	1.4		103.93
19	3,821	4.02	1.6		105.38
20	5,260	6.60	1.9		107.23
21	5,900	4.07	1.0		108.06
22	6,340	5.21	1.2		108.62
23	7,468	7.37	1.5		109.96
24	10,380	75.00	10.9	Upper Marker	113.00
25	12,453	0.00	0.0		115.16


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2015-09-01\2015-09-01_002.xad

Created: 9/1/2015 4:22:58 PM
Modified: 9/1/2015 5:04:39 PM

Electropherogram Summary Continued ...**... Peak table for sample 9 : RMITS1SS 33.08 (1:10)**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	13,144	0.00	0.0		115.88
27	14,624	0.00	0.0		117.43

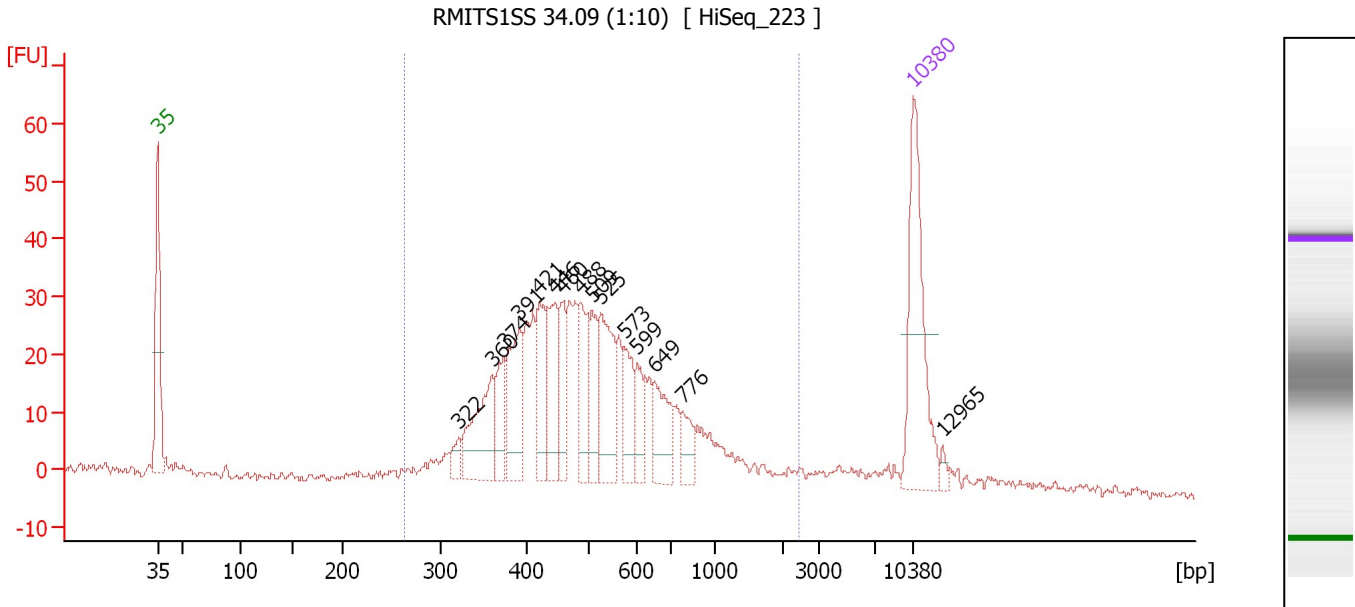
Region table for sample 9 : RMITS1SS 33.08 (1:10)

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]	Conc. [pg/μl]
264	555	1,787	862.6	2,583.5	 85	39.8	828.13

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-09-01\2015-09-01_002.xad

Created: 9/1/2015 4:22:58 PM
 Modified: 9/1/2015 5:04:39 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : RMITS1SS 34.09 (1:10)

Number of peaks found: 15 Corr. Area 1: 655.4
 Noise: 0.9

Peak table for sample 10 : RMITS1SS 34.09 (1:10)

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	322	11.13	52.4		70.92
3	360	62.36	262.4		73.98
4	374	29.66	120.2		75.07
5	391	57.04	220.9		76.47
6	421	46.01	165.4		78.39
7	446	43.32	147.2		79.79
8	460	31.77	104.7		80.57
9	488	41.46	128.8		82.18
10	509	34.85	103.8		83.27
11	525	59.94	172.8		84.05
12	573	28.43	75.2		86.22
13	599	19.58	49.5		87.42
14	649	35.69	83.3		89.03
15	776	16.38	32.0		91.62
16	10,380	75.00	10.9	Upper Marker	113.00
17	12,965	0.00	0.0		115.70

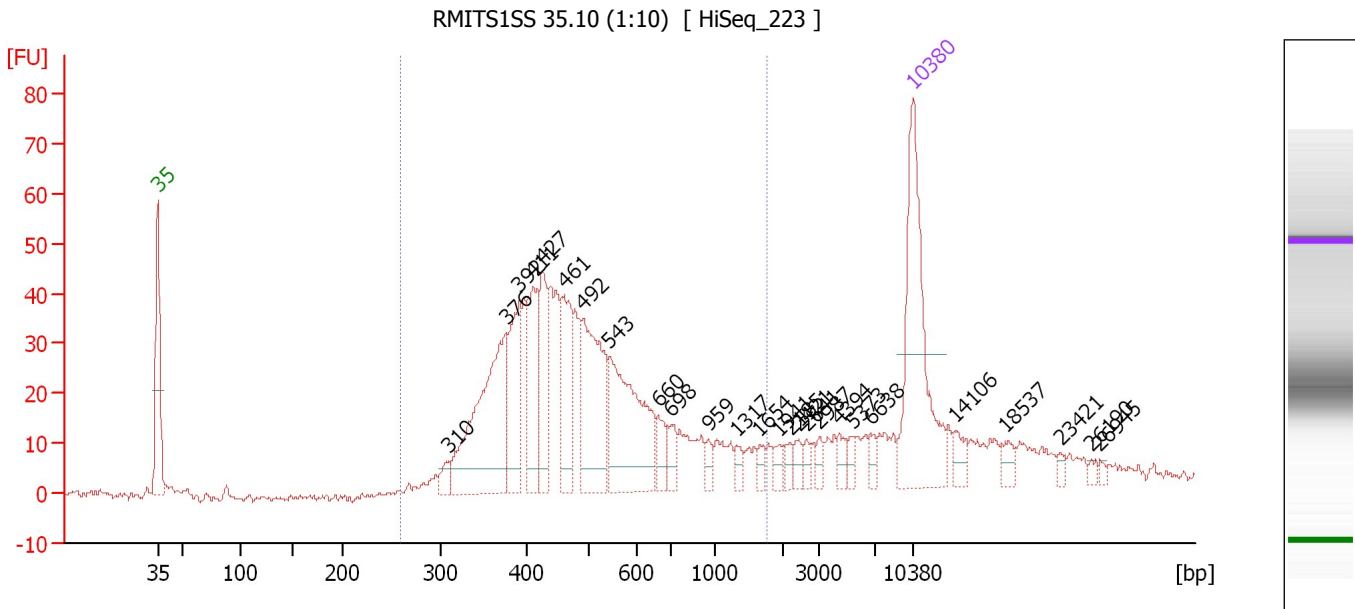
Region table for sample 10 : RMITS1SS 34.09 (1:10)

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]	Conc. [pg/μl]
263	558	2,409	655.4	2,354.3	90	49.6	735.76

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-09-01\2015-09-01_002.xad

Created: 9/1/2015 4:22:58 PM
 Modified: 9/1/2015 5:04:39 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : RMITS1SS 35.10 (1:10)

Number of peaks found: 26 Corr. Area 1: 770.0
 Noise: 0.7

Peak table for sample 11 : RMITS1SS 35.10 (1:10)

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	7.64	37.4		69.96
3	376	111.60	449.4		75.27
4	392	48.39	187.0		76.53
5	411	42.46	156.5		77.79
6	427	39.56	140.5		78.68
7	461	43.01	141.4		80.63
8	492	74.14	228.3		82.41
9	543	84.26	235.3		84.83
10	660	11.52	26.5		89.35
11	698	9.87	21.4		90.56
12	959	4.90	7.7		94.03
13	1,317	4.84	5.6		96.60
14	1,654	4.08	3.7		98.76
15	1,941	4.76	3.7		100.60
16	2,185	4.28	3.0		101.60
17	2,421	5.02	3.1		102.38
18	2,641	3.85	2.2		103.12
19	2,987	4.22	2.1		104.28
20	4,394	5.35	1.8		106.12
21	5,373	4.07	1.1		107.38
22	6,638	4.48	1.0		109.01
23	10,380	75.00	10.9	Upper Marker	113.00
24	14,106	0.00	0.0		116.89
25	18,537	0.00	0.0		121.51


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2015-09-01\2015-09-01_002.xad

Created: 9/1/2015 4:22:58 PM
Modified: 9/1/2015 5:04:39 PM

Electropherogram Summary Continued ...**... Peak table for sample 11 : RMITS1SS 35.10 (1:10)**

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	23,421	0.00	0.0		126.61
27	26,190	0.00	0.0		129.50
28	26,945	0.00	0.0		130.29

Region table for sample 11 : RMITS1SS 35.10 (1:10)

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]	Conc. [pg/ μ l]
259	542	1,766	770.0	2,042.3	 78	47.5	621.99

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2015-09-01\2015-09-01_002.xad

Created: 9/1/2015 4:22:58 PM
Modified: 9/1/2015 5:04:39 PM

Gel Image

