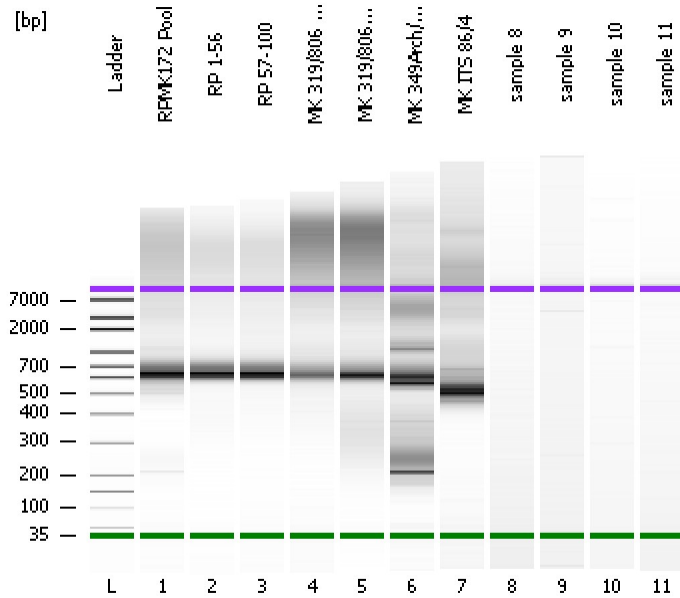


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-07-03\2018-07-03\_004.xad

Created: 7/3/2018 3:42:44 PM  
Modified: 7/3/2018 4:24:06 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

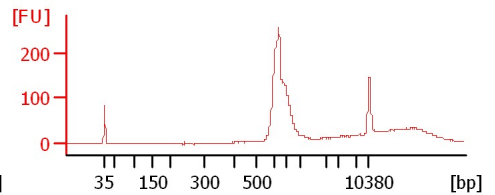
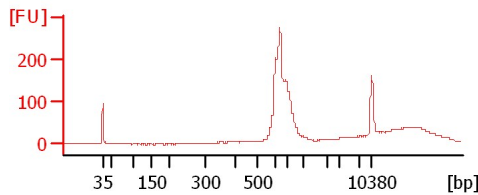
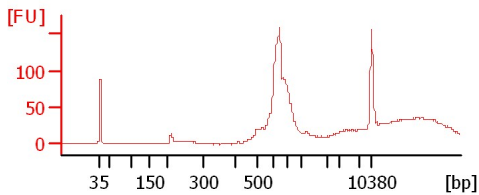
Chip Information:

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

RPMK172 Pool

RP 1-56

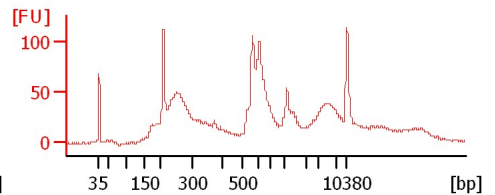
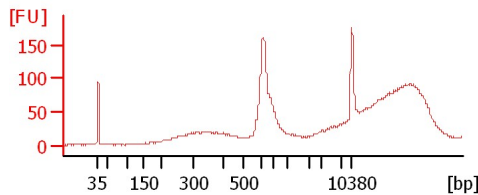
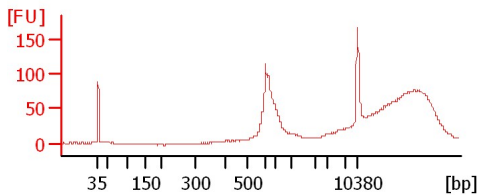
RP 57-100



MK 319/806 16s

MK 319/806Arch

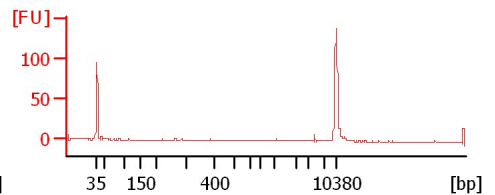
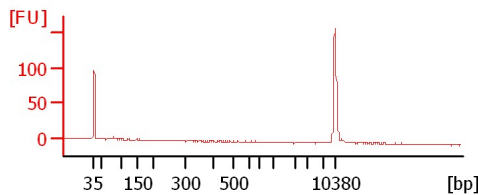
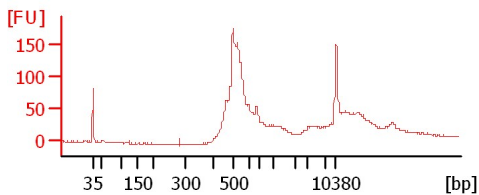
MK 349Arch/806Arch



MK ITS 86/4

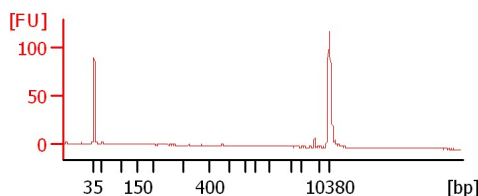
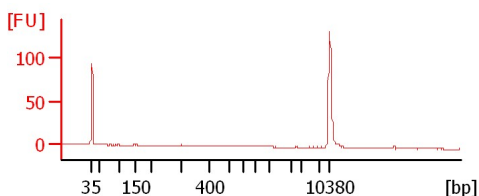
sample 8

sample 9



sample 10

sample 11



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-07-03\2018-07-03\_004.xad

Created: 7/3/2018 3:42:44 PM  
 Modified: 7/3/2018 4:24:06 PM

**Electrophoresis File Run Summary (Chip Summary)**

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
RPMK172 Pool		<input type="checkbox"/>	✓			
RP 1-56		<input type="checkbox"/>	✓			
RP 57-100		<input type="checkbox"/>	✓			
MK 319/806 16s		<input type="checkbox"/>	✓			
MK 319/806Arch		<input type="checkbox"/>	✓			
MK 349Arch/806Arch		<input type="checkbox"/>	✓			
MK ITS 86/4		<input type="checkbox"/>	✓			
sample 8		<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\2018-07-03\2018-07-03\_004.xad

Created: 7/3/2018 3:42:44 PM  
Modified: 7/3/2018 4:24:06 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

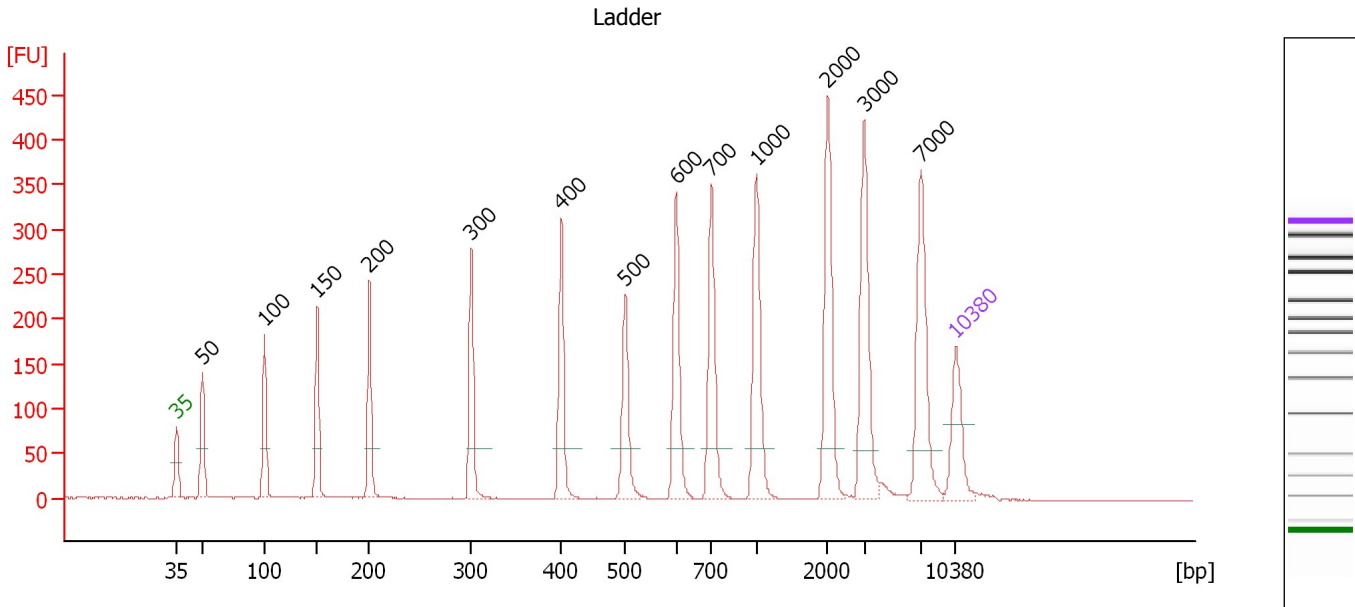
**Ladder**

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\2018-07-03\2018-07-03\_004.xad

Created: 7/3/2018 3:42:44 PM  
 Modified: 7/3/2018 4:24:06 PM

**Electropherogram Summary**



**Overall Results for Ladder**

Noise: 0.3

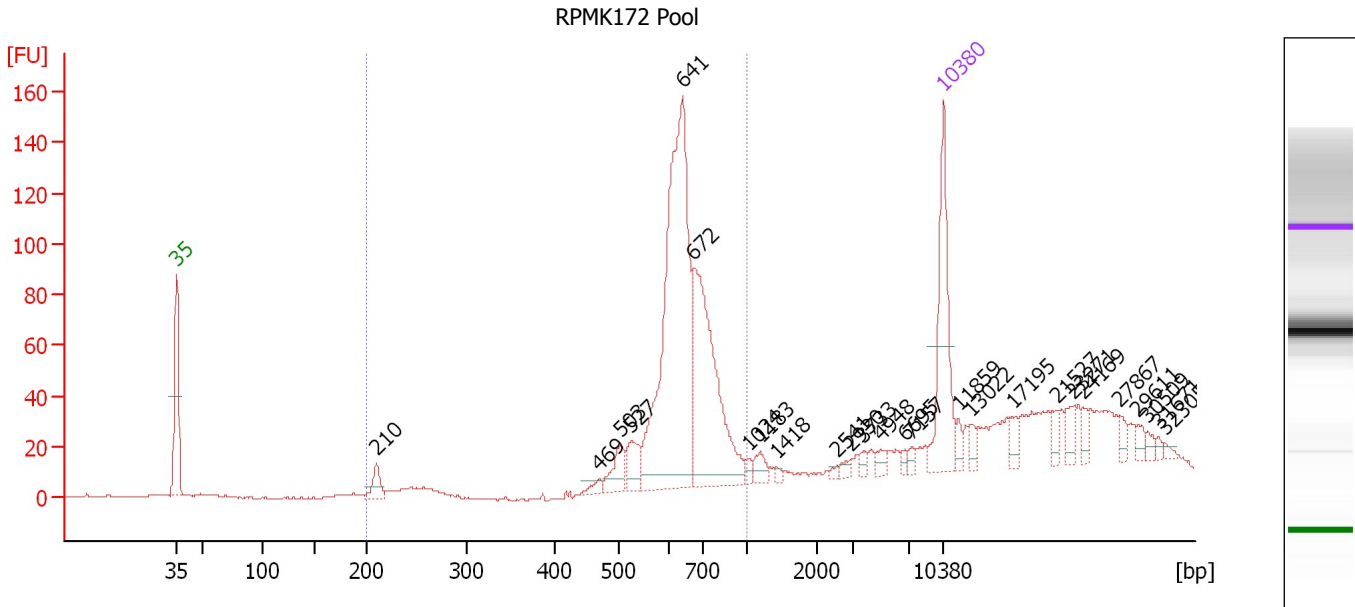
**Peak table for Ladder**

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	50.90
4	150	150.00	1,515.2	Ladder Peak	55.64
5	200	150.00	1,136.4	Ladder Peak	60.33
6	300	150.00	757.6	Ladder Peak	69.48
7	400	150.00	568.2	Ladder Peak	77.57
8	500	150.00	454.5	Ladder Peak	83.31
9	600	150.00	378.8	Ladder Peak	87.86
10	700	150.00	324.7	Ladder Peak	91.07
11	1,000	150.00	227.3	Ladder Peak	95.09
12	2,000	150.00	113.6	Ladder Peak	101.51
13	3,000	150.00	75.8	Ladder Peak	104.76
14	7,000	150.00	32.5	Ladder Peak	109.89
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-07-03\2018-07-03\_004.xad

Created: 7/3/2018 3:42:44 PM  
 Modified: 7/3/2018 4:24:06 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 1 : RPMK172 Pool**

Number of peaks found: 26                      Corr. Area 1: 685.1  
 Noise: 0.3

**Peak table for sample 1 : RPMK172 Pool**

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	210	18.98	136.6		61.29
3	469	5.69	18.4		81.53
4	503	22.94	69.0		83.47
5	527	24.38	70.1		84.54
6	641	322.52	762.9		89.16
7	672	182.08	410.3		90.19
8	1,024	4.40	6.5		95.24
9	1,183	10.34	13.2		96.27
10	1,418	2.61	2.8		97.77
11	2,541	2.21	1.3		103.27
12	2,930	4.38	2.3		104.54
13	3,733	4.63	1.9		105.70
14	4,948	5.78	1.8		107.26
15	6,695	3.40	0.8		109.50
16	7,157	3.64	0.8		110.03
17	10,380	75.00	10.9	Upper Marker	113.00
18	11,859	0.00	0.0		114.36
19	13,022	0.00	0.0		115.43
20	17,195	0.00	0.0		119.28
21	21,527	0.00	0.0		123.26
22	23,271	0.00	0.0		124.87
23	24,169	0.00	0.0		125.70
24	27,867	0.00	0.0		129.10
25	29,611	0.00	0.0		130.71

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-07-03\2018-07-03\_004.xad

Created: 7/3/2018 3:42:44 PM  
Modified: 7/3/2018 4:24:06 PM

**Electropherogram Summary Continued ...****... Peak table for sample 1 : RPMK172 Pool**

Peak	Size [bp]	Conc. [pg/ $\mu$ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	30,509	0.00	0.0		131.53
27	31,671	0.00	0.0		132.60
28	32,305	0.00	0.0		133.19

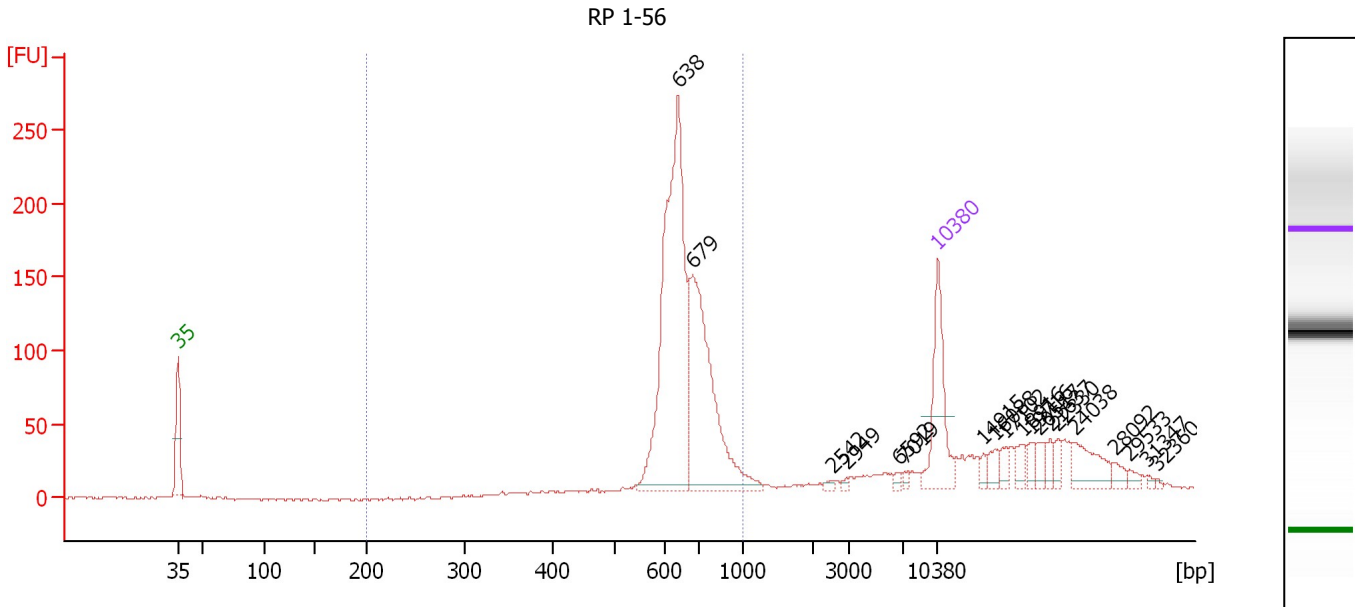
**Region table for sample 1 : RPMK172 Pool**

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/ $\mu$ l]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	652	513.03	685.1	1,244.8	 65	14.2

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-07-03\2018-07-03\_004.xad

Created: 7/3/2018 3:42:44 PM  
 Modified: 7/3/2018 4:24:06 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 2 : RP 1-56**

Number of peaks found: 19                      Corr. Area 1: 1,093.6  
 Noise: 0.6

**Peak table for sample 2 : RP 1-56**

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	638	400.49	951.3		89.08
3	679	263.73	588.3		90.40
4	2,542	3.01	1.8		103.27
5	2,949	2.74	1.4		104.60
6	6,592	3.94	0.9		109.36
7	7,019	3.86	0.8		109.91
8	10,380	75.00	10.9	Upper Marker	113.00
9	14,915	0.00	0.0		117.18
10	16,088	0.00	0.0		118.26
11	17,102	0.00	0.0		119.19
12	18,916	0.00	0.0		120.86
13	19,716	0.00	0.0		121.60
14	20,517	0.00	0.0		122.33
15	21,637	0.00	0.0		123.36
16	22,330	0.00	0.0		124.00
17	24,038	0.00	0.0		125.58
18	28,092	0.00	0.0		129.31
19	29,533	0.00	0.0		130.64
20	31,347	0.00	0.0		132.31
21	32,360	0.00	0.0		133.24

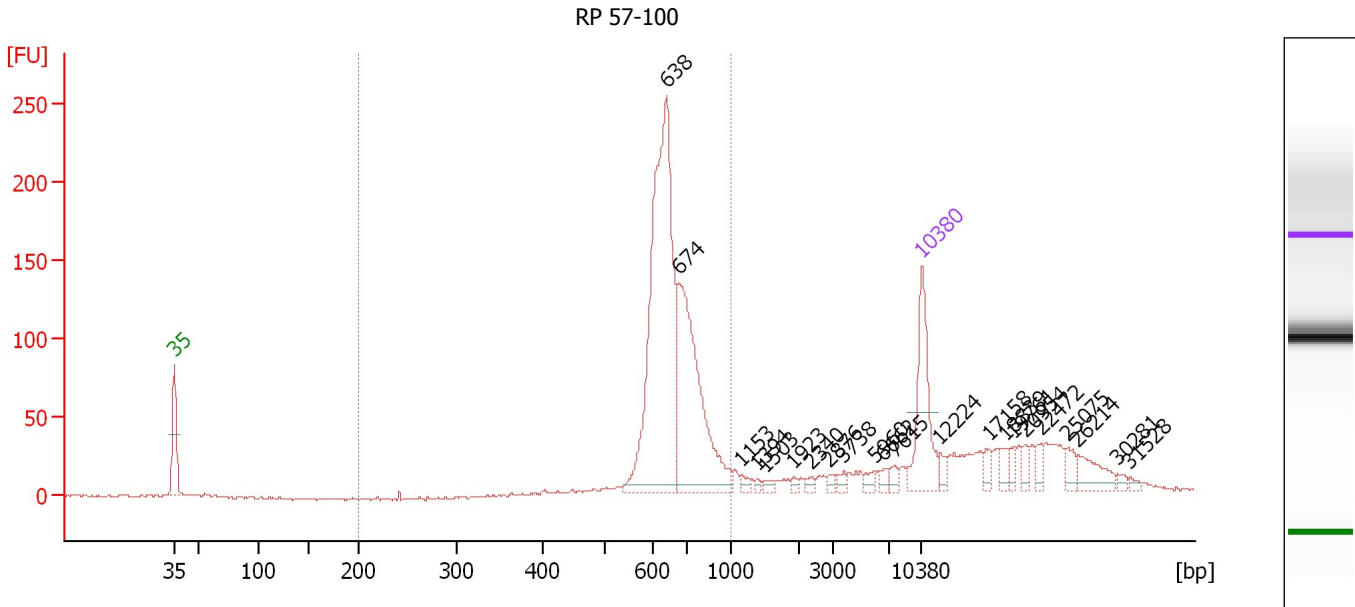
**Region table for sample 2 : RP 1-56**

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	666	668.64	1,093.6	1,547.0	69	12.8

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-07-03\2018-07-03\_004.xad

Created: 7/3/2018 3:42:44 PM  
 Modified: 7/3/2018 4:24:06 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 3 : RP 57-100**

Number of peaks found: 22                      Corr. Area 1: 1,030.9  
 Noise: 0.8

**Peak table for sample 3 : RP 57-100**

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	638	410.75	975.4		89.08
3	674	235.33	529.1		90.23
4	1,153	5.15	6.8		96.07
5	1,394	2.94	3.2		97.62
6	1,503	4.34	4.4		98.32
7	1,923	3.16	2.5		101.02
8	2,340	4.17	2.7		102.61
9	2,876	4.44	2.3		104.36
10	3,738	5.30	2.1		105.71
11	5,960	6.43	1.6		108.56
12	6,662	5.71	1.3		109.46
13	7,615	6.60	1.3		110.45
14	10,380	75.00	10.9	Upper Marker	113.00
15	12,224	0.00	0.0		114.70
16	17,158	0.00	0.0		119.24
17	18,839	0.00	0.0		120.79
18	19,761	0.00	0.0		121.64
19	20,954	0.00	0.0		122.74
20	22,472	0.00	0.0		124.13
21	25,075	0.00	0.0		126.53
22	26,214	0.00	0.0		127.58
23	30,281	0.00	0.0		131.32
24	31,528	0.00	0.0		132.47



Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-07-03\2018-07-03\_004.xad

Created: 7/3/2018 3:42:44 PM  
Modified: 7/3/2018 4:24:06 PM

**Electropherogram Summary Continued ...**

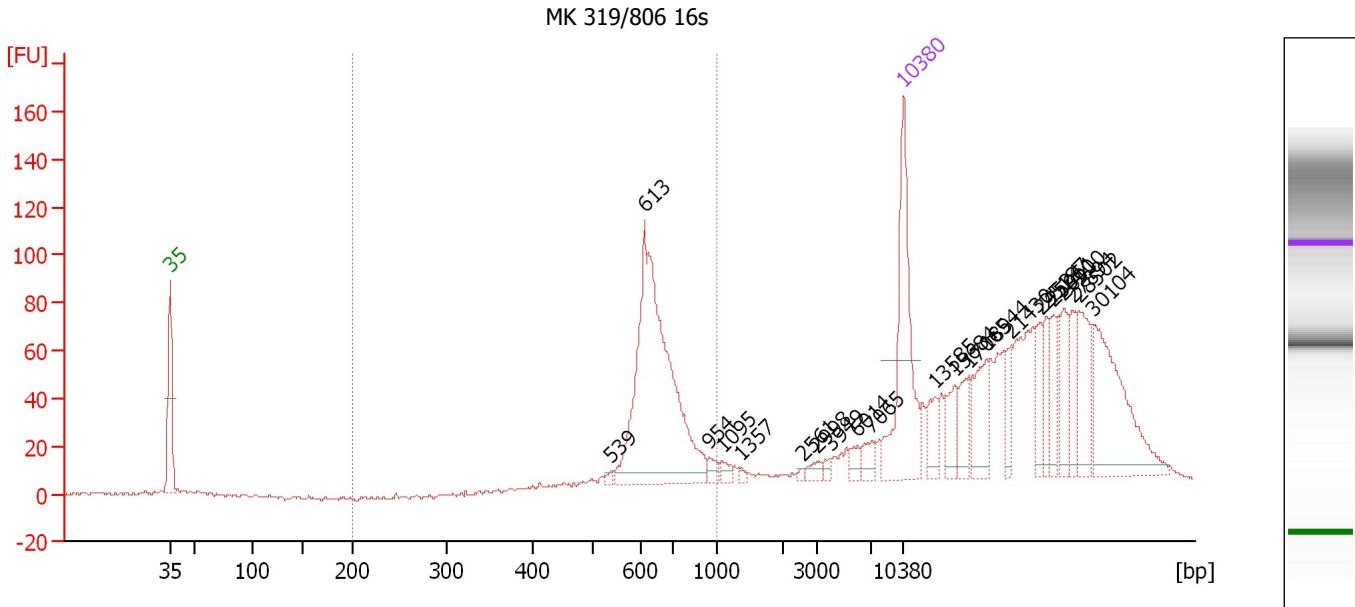
... Region table for sample 3 : RP 57-100

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/ $\mu$ l]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	666	648.55	1,030.9	1,496.2	 67	12.5

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-07-03\2018-07-03\_004.xad

Created: 7/3/2018 3:42:44 PM  
 Modified: 7/3/2018 4:24:06 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 4 : MK 319/806 16s**

Number of peaks found: 22                      Corr. Area 1: 440.0  
 Noise: 0.8

**Peak table for sample 4 : MK 319/806 16s**


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	539	2.89	8.1		85.07
3	613	216.38	534.9		88.28
4	954	5.73	9.1		94.48
5	1,095	4.33	6.0		95.70
6	1,357	2.11	2.4		97.38
7	2,561	1.33	0.8		103.33
8	2,998	4.72	2.4		104.76
9	3,949	3.01	1.2		105.98
10	6,014	6.04	1.5		108.63
11	7,065	8.29	1.8		109.95
12	10,380	75.00	10.9	Upper Marker	113.00
13	13,585	0.00	0.0		115.95
14	15,684	0.00	0.0		117.88
15	17,065	0.00	0.0		119.16
16	18,944	0.00	0.0		120.89
17	21,430	0.00	0.0		123.17
18	24,524	0.00	0.0		126.02
19	25,187	0.00	0.0		126.63
20	25,961	0.00	0.0		127.35
21	26,900	0.00	0.0		128.21
22	27,894	0.00	0.0		129.13
23	28,502	0.00	0.0		129.69
24	30,104	0.00	0.0		131.16

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-07-03\2018-07-03\_004.xad

Created: 7/3/2018 3:42:44 PM  
Modified: 7/3/2018 4:24:06 PM

**Electropherogram Summary Continued ...**

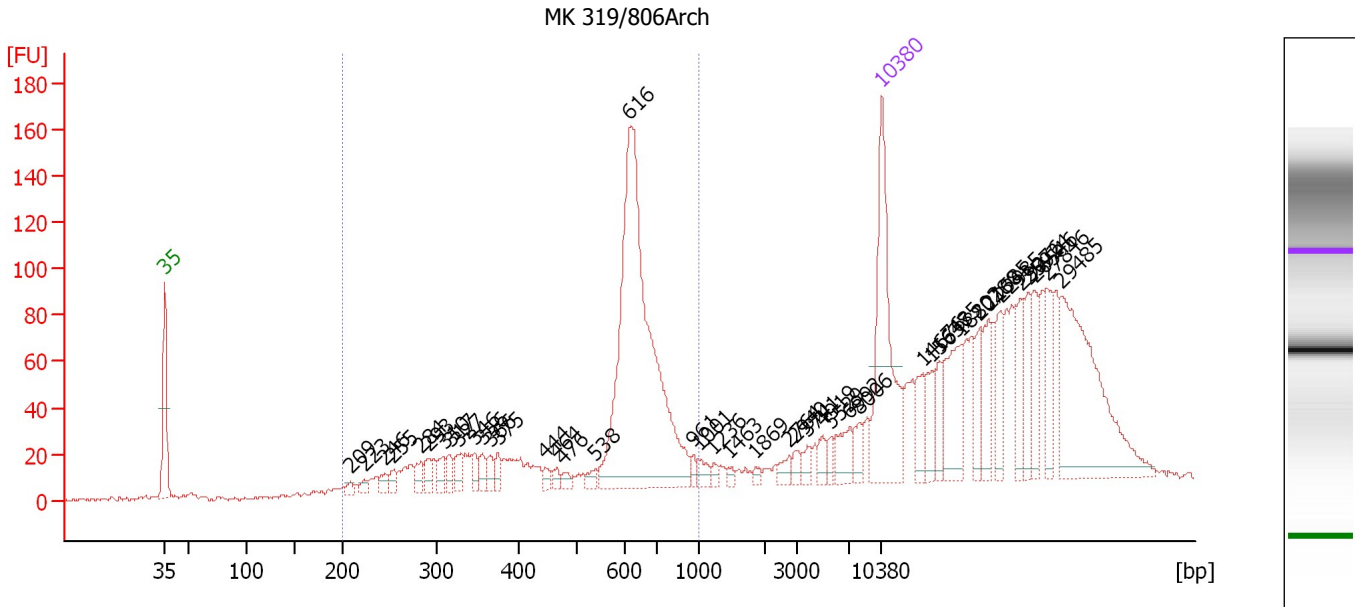
... Region table for sample 4 : MK 319/806 16s

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/ $\mu$ l]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	664	228.51	440.0	530.4	 30	13.6

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-07-03\2018-07-03\_004.xad

Created: 7/3/2018 3:42:44 PM  
 Modified: 7/3/2018 4:24:06 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 5 : MK 319/806Arch**

Number of peaks found: 42                      Corr. Area 1: 931.2  
 Noise: 1.1

**Peak table for sample 5 : MK 319/806Arch**


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	209	3.61	26.2		61.11
3	223	4.37	29.7		62.46
4	246	6.24	38.4		64.55
5	255	6.30	37.5		65.33
6	284	8.91	47.5		68.03
7	293	8.65	44.8		68.81
8	310	9.41	46.0		70.27
9	317	8.57	41.0		70.84
10	327	9.20	42.7		71.62
11	346	7.57	33.1		73.24
12	356	7.57	32.2		74.02
13	366	7.15	29.6		74.80
14	375	7.11	28.8		75.53
15	444	4.54	15.5		80.11
16	464	4.38	14.3		81.25
17	476	4.07	12.9		81.93
18	538	4.95	13.9		85.05
19	616	264.62	650.7		88.38
20	961	3.74	5.9		94.58
21	1,001	5.32	8.1		95.10
22	1,236	2.74	3.4		96.61
23	1,463	2.75	2.8		98.06
24	1,869	2.24	1.8		100.67
25	2,764	4.78	2.6		104.00

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-07-03\2018-07-03\_004.xad

Created: 7/3/2018 3:42:44 PM  
 Modified: 7/3/2018 4:24:06 PM

**Electropherogram Summary Continued ...**

**... Peak table for sample 5 : MK 319/806Arch**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	2,940	3.98	2.1		104.57
27	3,741	5.37	2.2		105.71
28	4,919	5.77	1.8		107.22
29	5,529	4.58	1.3		108.00
30	6,992	12.72	2.8		109.88
31	8,006	8.10	1.5		110.81
32	 10,380	75.00	10.9	Upper Marker	113.00
33	14,676	0.00	0.0		116.96
34	15,637	0.00	0.0		117.84
35	16,485	0.00	0.0		118.62
36	18,802	0.00	0.0		120.75
37	20,780	0.00	0.0		122.58
38	21,685	0.00	0.0		123.41
39	22,985	0.00	0.0		124.61
40	25,076	0.00	0.0		126.53
41	25,924	0.00	0.0		127.31
42	26,546	0.00	0.0		127.88
43	27,846	0.00	0.0		129.08
44	29,485	0.00	0.0		130.59

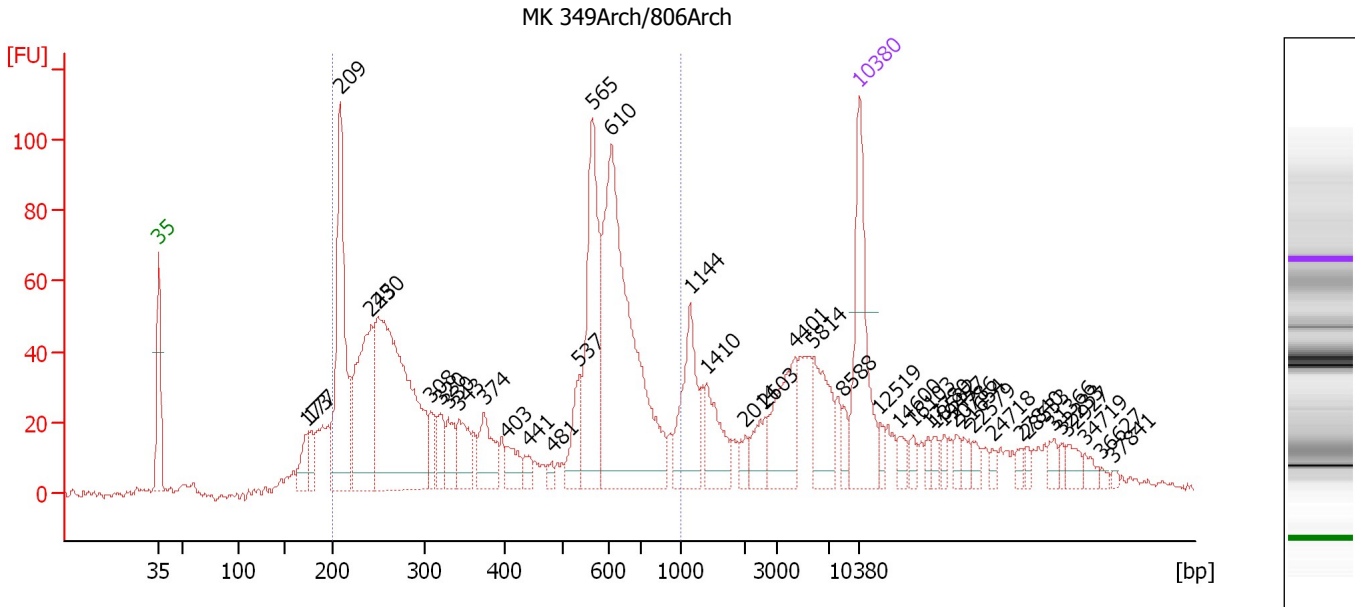
**Region table for sample 5 : MK 319/806Arch**

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	561	445.64	931.2	1,458.3	 43	29.8

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-07-03\2018-07-03\_004.xad

Created: 7/3/2018 3:42:44 PM  
 Modified: 7/3/2018 4:24:06 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 6 : MK 349Arch/806Arch**

Number of peaks found: 41                      Corr. Area 1: 1,410.7  
 Noise: 0.7

**Peak table for sample 6 : MK 349Arch/806Arch**

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	173	23.13	202.6		57.80
3	177	20.51	175.6		58.17
4	209	174.36	1,264.3		61.15
5	243	129.00	805.3		64.24
6	250	286.96	1,737.1		64.93
7	308	19.01	93.4		70.15
8	320	21.68	102.6		71.11
9	330	23.11	106.1		71.90
10	343	34.08	150.5		72.97
11	374	38.98	157.9		75.47
12	403	18.72	70.3		77.76
13	441	9.24	31.7		79.94
14	481	4.63	14.6		82.23
15	537	29.98	84.6		85.00
16	565	122.23	327.7		86.28
17	610	264.61	656.9		88.19
18	1,144	59.23	78.4		96.02
19	1,410	35.73	38.4		97.72
20	2,014	9.19	6.9		101.56
21	2,603	18.18	10.6		103.47
22	4,401	49.08	16.9		106.56
23	5,814	40.49	10.6		108.37
24	8,588	8.10	1.4		111.35
25	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-07-03\2018-07-03\_004.xad

Created: 7/3/2018 3:42:44 PM  
 Modified: 7/3/2018 4:24:06 PM

**Electropherogram Summary Continued ...**

**... Peak table for sample 6 : MK 349Arch/806Arch**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	12,519	0.00	0.0		114.97
27	14,600	0.00	0.0		116.89
28	16,103	0.00	0.0		118.27
29	17,780	0.00	0.0		119.81
30	18,532	0.00	0.0		120.51
31	19,457	0.00	0.0		121.36
32	20,786	0.00	0.0		122.58
33	21,654	0.00	0.0		123.38
34	22,579	0.00	0.0		124.23
35	24,718	0.00	0.0		126.20
36	27,840	0.00	0.0		129.08
37	28,533	0.00	0.0		129.71
38	31,366	0.00	0.0		132.32
39	32,233	0.00	0.0		133.12
40	32,927	0.00	0.0		133.76
41	34,719	0.00	0.0		135.41
42	36,627	0.00	0.0		137.17
43	37,841	0.00	0.0		138.29

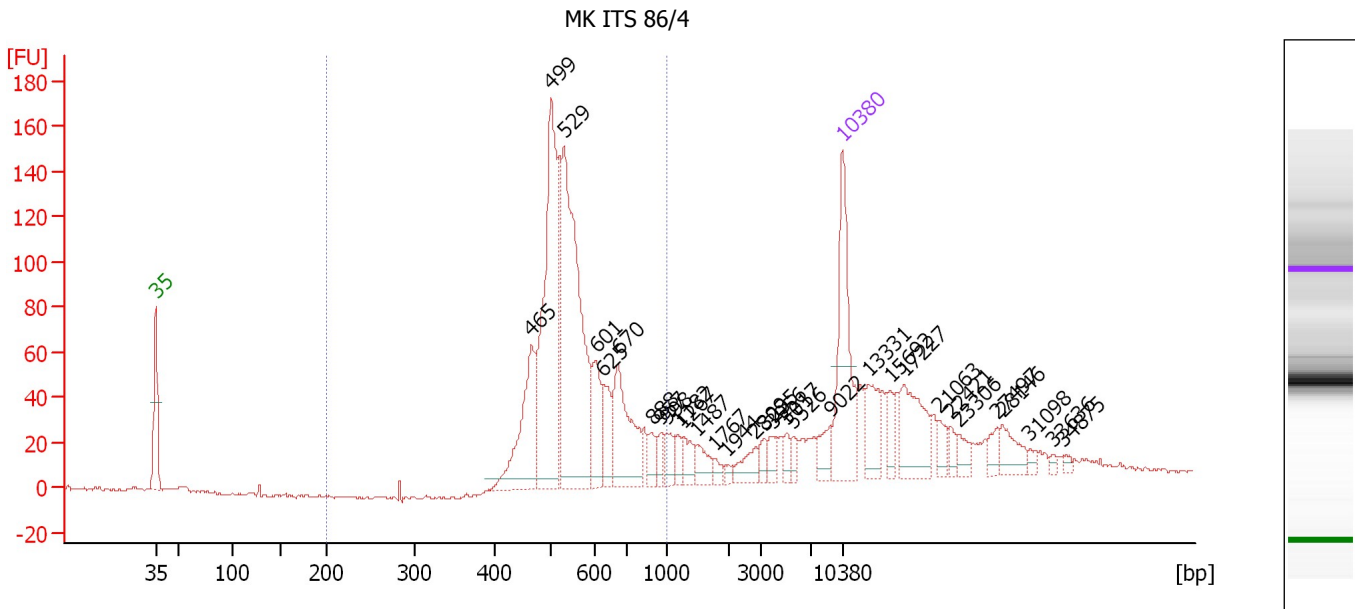
**Region table for sample 6 : MK 349Arch/806Arch**

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	452	1,212.71	1,410.7	5,468.6	66	43.2

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-07-03\2018-07-03\_004.xad

Created: 7/3/2018 3:42:44 PM  
 Modified: 7/3/2018 4:24:06 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 7 : MK ITS 86/4**

Number of peaks found: 31                      Corr. Area 1: 1,085.2  
 Noise: 0.7

**Peak table for sample 7 : MK ITS 86/4**

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	465	85.37	278.1		81.32
3	499	209.06	634.5		83.27
4	529	228.35	654.1		84.63
5	601	36.68	92.5		87.89
6	625	26.17	63.5		88.65
7	670	71.19	160.9		90.12
8	888	11.64	19.8		93.60
9	957	9.07	14.4		94.52
10	998	12.25	18.6		95.07
11	1,182	8.17	10.5		96.26
12	1,267	11.55	13.8		96.80
13	1,487	13.33	13.6		98.22
14	1,767	4.64	4.0		100.01
15	1,944	2.83	2.2		101.15
16	2,809	13.15	7.1		104.14
17	3,235	7.47	3.5		105.07
18	3,956	8.10	3.1		105.99
19	5,017	6.34	1.9		107.35
20	5,526	5.99	1.6		108.00
21	9,022	13.97	2.3		111.75
22	10,380	75.00	10.9	Upper Marker	113.00
23	13,331	0.00	0.0		115.72
24	15,692	0.00	0.0		117.89
25	17,227	0.00	0.0		119.30



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-07-03\2018-07-03\_004.xad


Created: 7/3/2018 3:42:44 PM  
 Modified: 7/3/2018 4:24:06 PM

### Electropherogram Summary Continued ...

#### ... Peak table for sample 7 : MK ITS 86/4

Peak	Size [bp]	Conc. [pg/ $\mu$ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	21,063	0.00	0.0		122.84
27	22,421	0.00	0.0		124.09
28	23,306	0.00	0.0		124.90
29	27,497	0.00	0.0		128.76
30	28,146	0.00	0.0		129.36
31	31,098	0.00	0.0		132.08
32	33,636	0.00	0.0		134.41
33	34,875	0.00	0.0		135.55

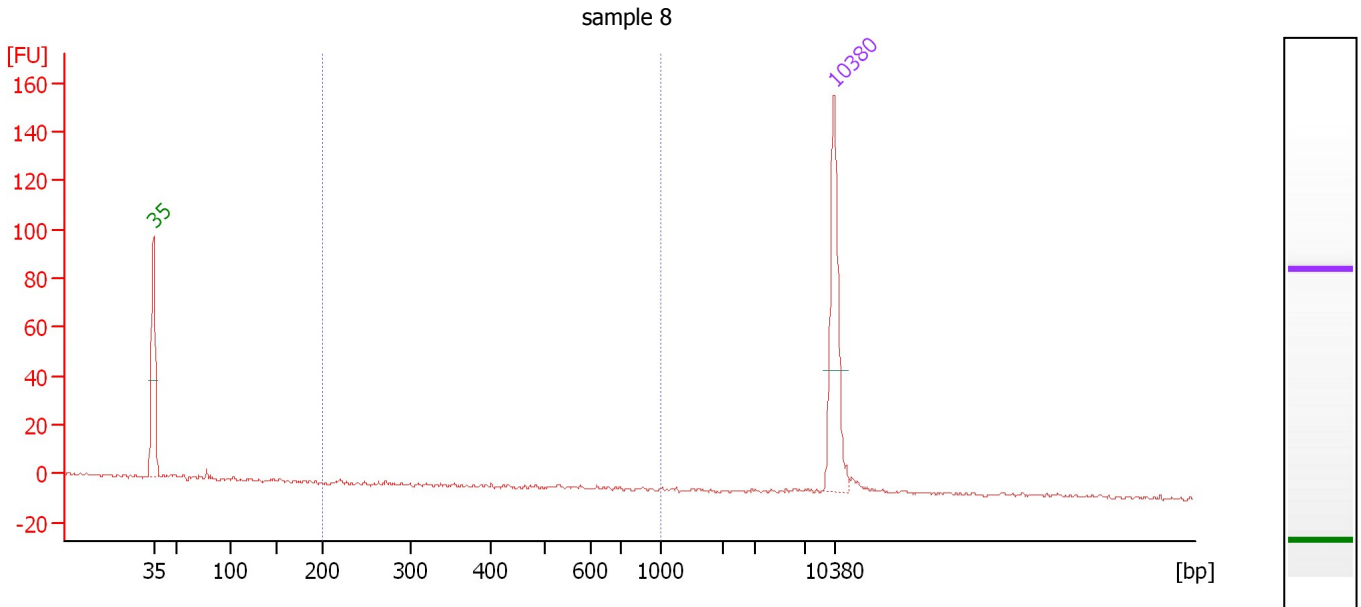
#### Region table for sample 7 : MK ITS 86/4

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/ $\mu$ l]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	567	660.61	1,085.2	1,830.4	 63	19.1

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-07-03\2018-07-03\_004.xad

Created: 7/3/2018 3:42:44 PM  
 Modified: 7/3/2018 4:24:06 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 8 : sample 8**

Number of peaks found: 0                      Corr. Area 1: 0.0  
 Noise: 0.8

**Peak table for sample 8 : sample 8**

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

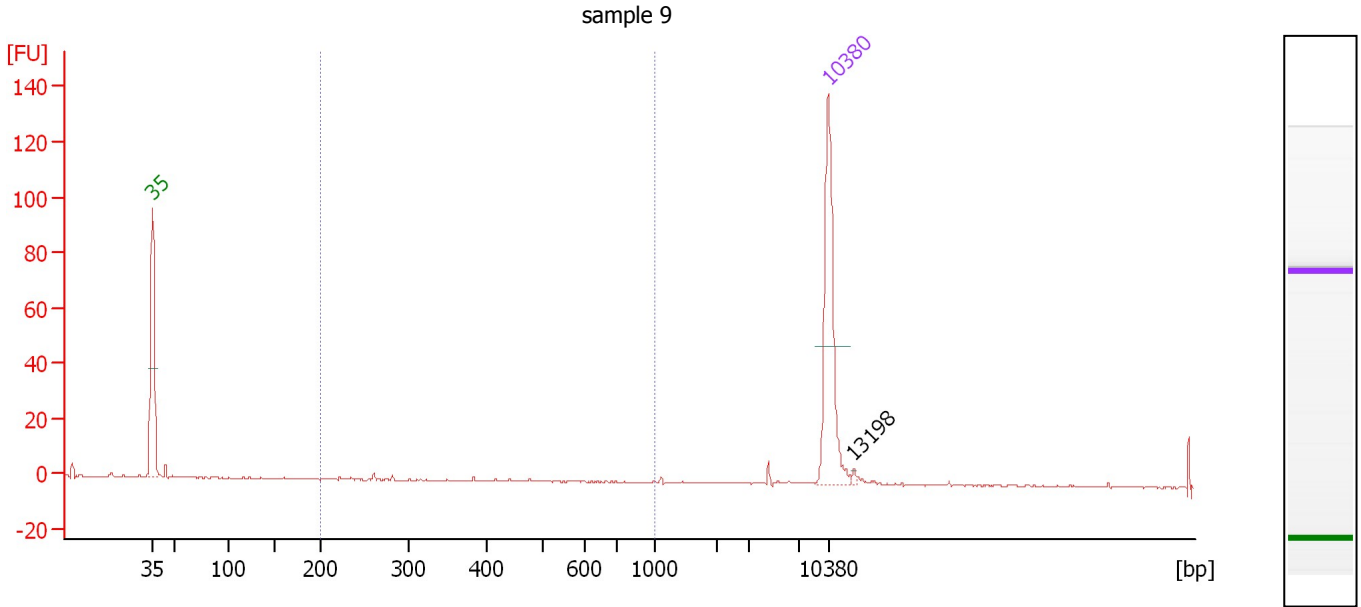
**Region table for sample 8 : sample 8**

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	482	0.01	0.0	0.0	0	25.5

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-07-03\2018-07-03\_004.xad

Created: 7/3/2018 3:42:44 PM  
 Modified: 7/3/2018 4:24:06 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 9 : sample 9**

Number of peaks found: 1                      Corr. Area 1: 0.1  
 Noise: 0.2

**Peak table for sample 9 : sample 9**

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
3	13,198	0.00	0.0		115.59

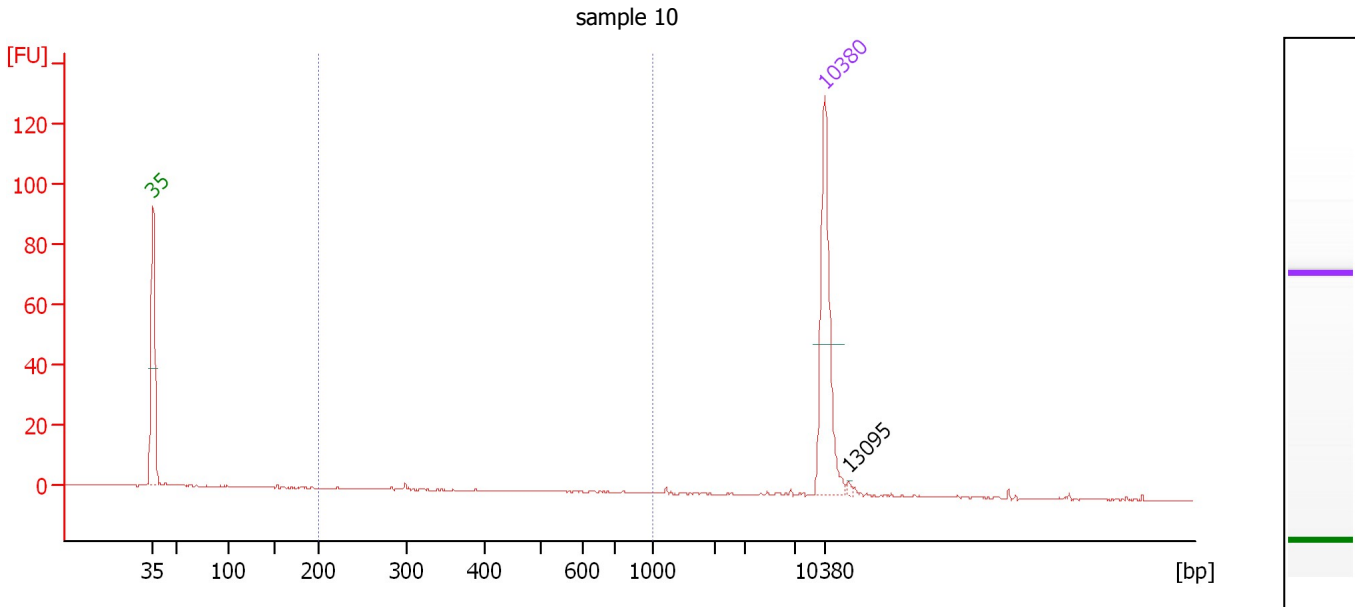
**Region table for sample 9 : sample 9**

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	261	0.06	0.1	0.3	2	0.2

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-07-03\2018-07-03\_004.xad

Created: 7/3/2018 3:42:44 PM  
 Modified: 7/3/2018 4:24:06 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 10 : sample 10**

Number of peaks found: 1                      Corr. Area 1: 4.8  
 Noise: 0.2

**Peak table for sample 10 : sample 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	10,380	75.00	10.9	Upper Marker	113.00
3	13,095	0.00	0.0		115.50

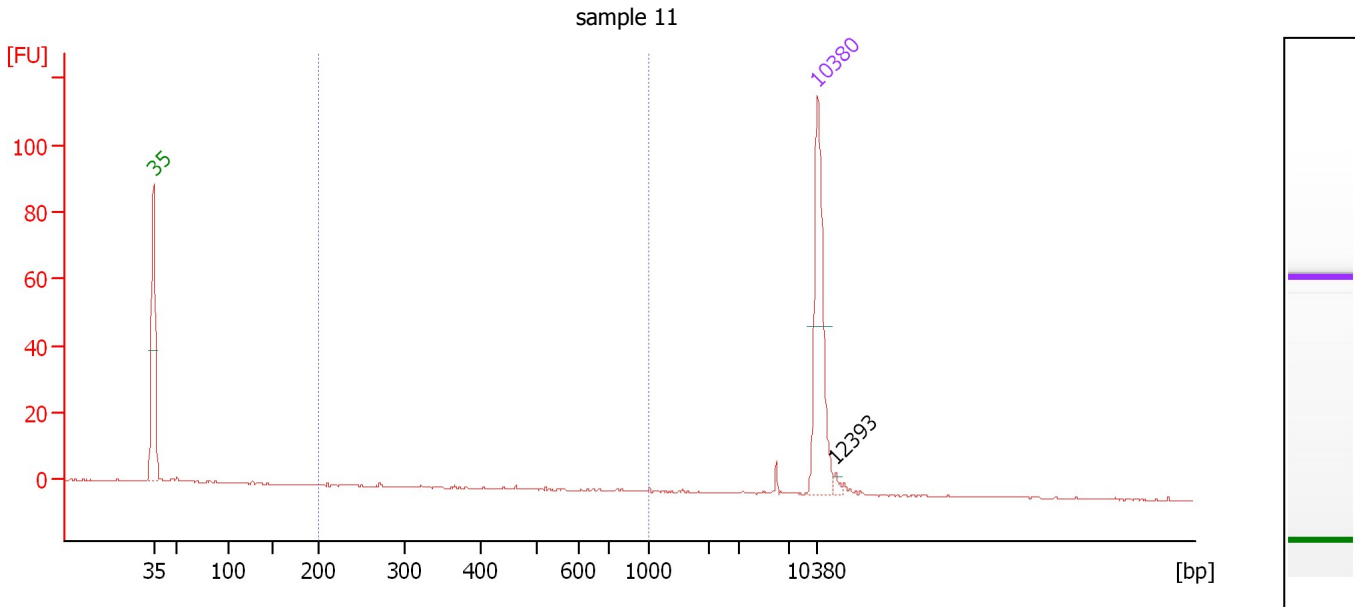
**Region table for sample 10 : sample 10**

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	462	4.28	4.8	17.7	19	40.7

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-07-03\2018-07-03\_004.xad

Created: 7/3/2018 3:42:44 PM  
 Modified: 7/3/2018 4:24:06 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 11 : sample 11**

Number of peaks found: 1                      Corr. Area 1: 0.9  
 Noise: 0.2

**Peak table for sample 11 : 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	10,380	75.00	10.9	Upper Marker	113.00
3	12,393	0.00	0.0		114.85

**Region table for sample 11 : sample 11**

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	466	0.87	0.9	3.7	6	42.0

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-07-03\2018-07-03\_004.xad

Created: 7/3/2018 3:42:44 PM  
Modified: 7/3/2018 4:24:06 PM

**Gel Image**

