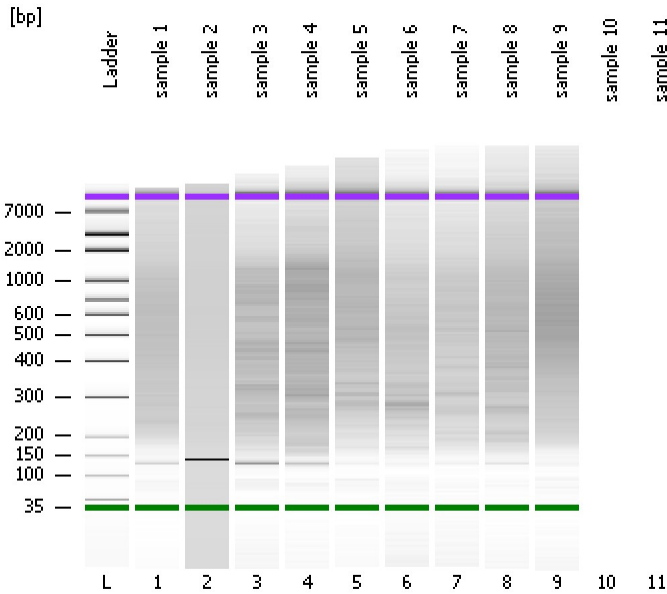


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-04\2015-05-04\_004.xad

Created: 5/4/2015 4:14:11 PM  
Modified: 5/4/2015 5:05:29 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

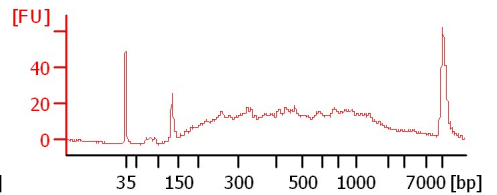
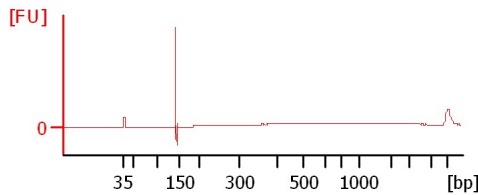
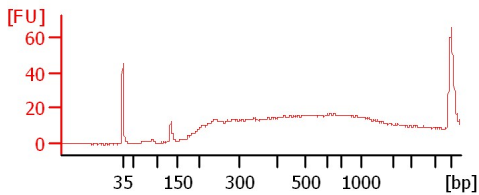
Chip Information:

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

sample 1

sample 2

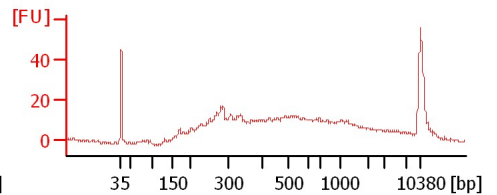
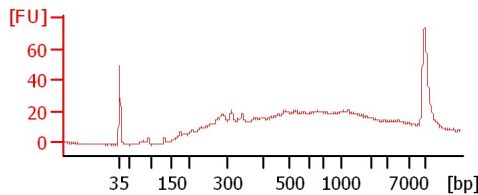
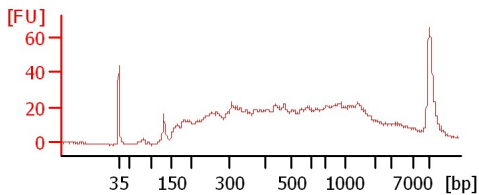
sample 3



sample 4

sample 5

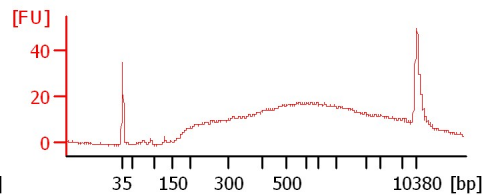
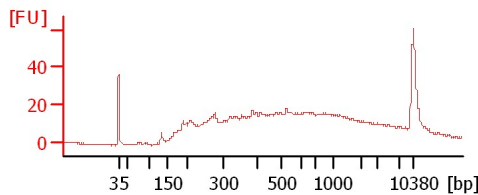
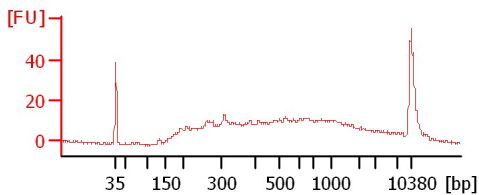
sample 6



sample 7

sample 8

sample 9



Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-04\2015-05-04\_004.xad

Created: 5/4/2015 4:14:11 PM  
Modified: 5/4/2015 5:05:29 PM

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

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
sample 1		<input type="checkbox"/>	✓			
sample 2		<input type="checkbox"/>	✓			
sample 3		<input type="checkbox"/>	✓			
sample 4		<input type="checkbox"/>	✓			
sample 5		<input type="checkbox"/>	✓			
sample 6		<input type="checkbox"/>	✓			
sample 7		<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:\...ents and Settings\Bioanalyzer\2015-05-04\2015-05-04\_004.xad

Created: 5/4/2015 4:14:11 PM  
Modified: 5/4/2015 5:05:29 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

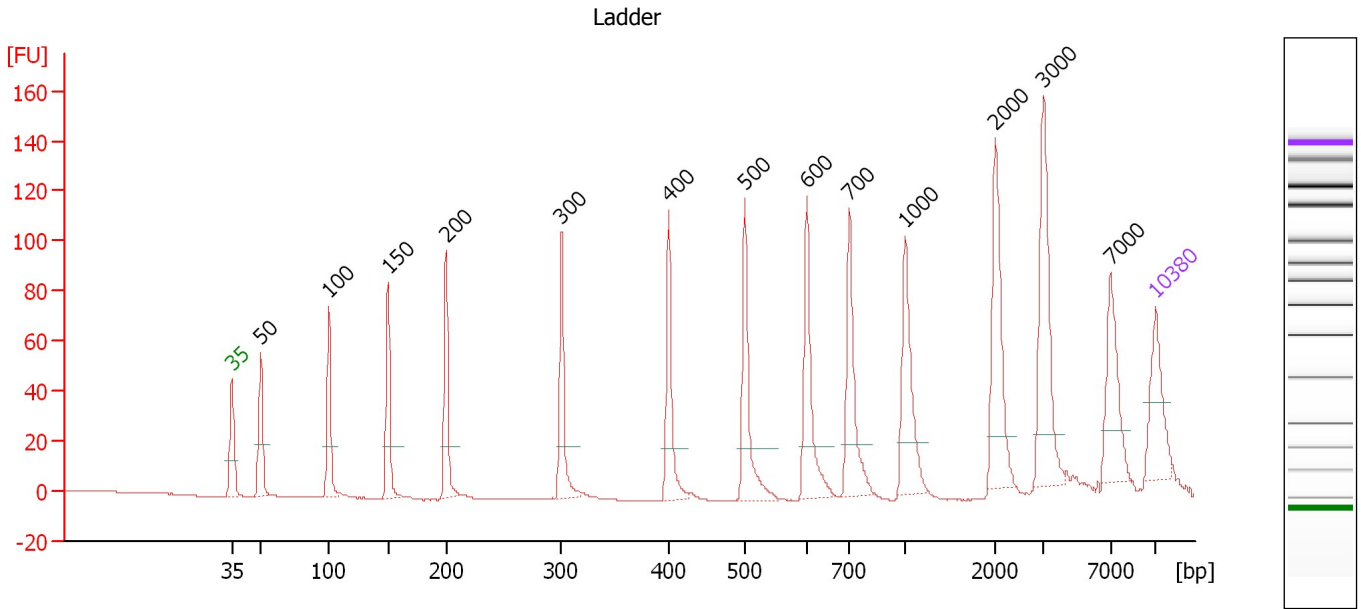
**Ladder**

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\2015-05-04\2015-05-04\_004.xad

Created: 5/4/2015 4:14:11 PM  
 Modified: 5/4/2015 5:05:29 PM

**Electropherogram Summary**



**Overall Results for Ladder**

Noise: 0.2

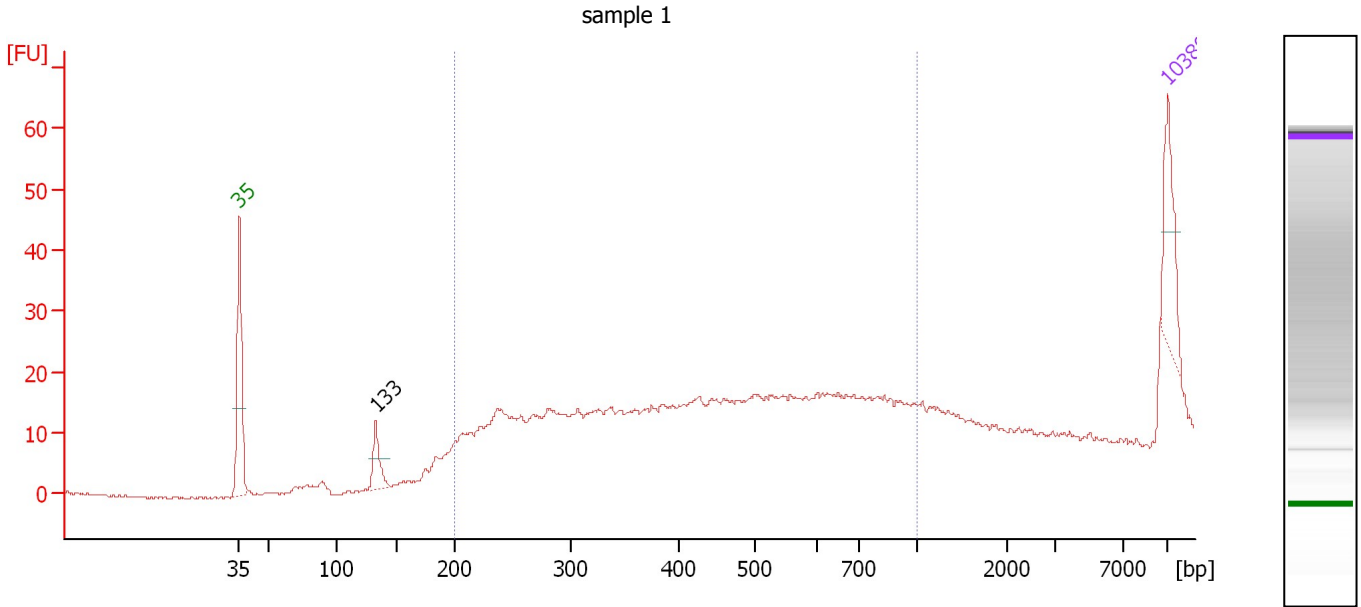
**Peak table for Ladder**

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	45.18
3	100	150.00	2,272.7	Ladder Peak	50.36
4	150	150.00	1,515.2	Ladder Peak	54.84
5	200	150.00	1,136.4	Ladder Peak	59.25
6	300	150.00	757.6	Ladder Peak	67.98
7	400	150.00	568.2	Ladder Peak	76.10
8	500	150.00	454.5	Ladder Peak	81.88
9	600	150.00	378.8	Ladder Peak	86.57
10	700	150.00	324.7	Ladder Peak	89.80
11	1,000	150.00	227.3	Ladder Peak	94.05
12	2,000	150.00	113.6	Ladder Peak	100.88
13	3,000	150.00	75.8	Ladder Peak	104.51
14	7,000	150.00	32.5	Ladder Peak	109.61
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-04\2015-05-04\_004.xad

Created: 5/4/2015 4:14:11 PM  
 Modified: 5/4/2015 5:05:29 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 1 : sample 1**

Number of peaks found: 1                      Corr. Area 1: 360.2  
 Noise: 0.2

**Peak table for sample 1 : sample 1**

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	133	57.68	658.4		53.29
3	10,380	75.00	10.9	Upper Marker	113.00

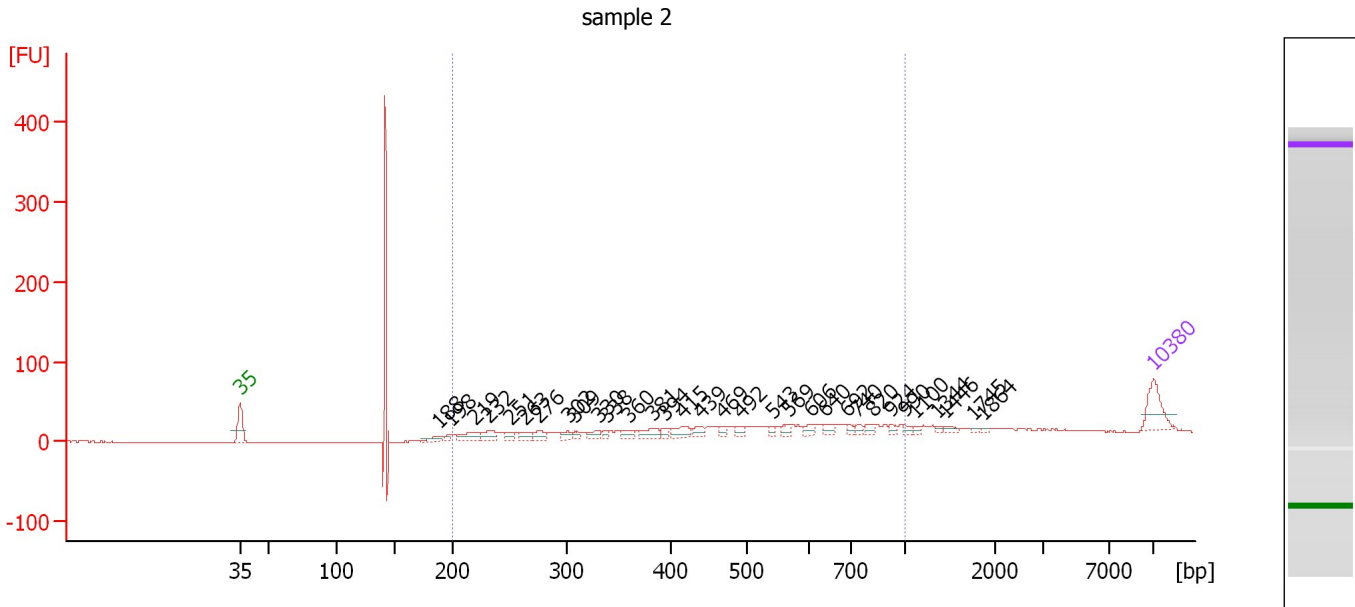
**Region table for sample 1 : sample 1**

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Color
200	451	1,000	360.2	5,271.1	91	40.9	1,249.39	Blue

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-04\2015-05-04\_004.xad

Created: 5/4/2015 4:14:11 PM  
 Modified: 5/4/2015 5:05:29 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 2 : sample 2**

Number of peaks found: 32                      Corr. Area 1: 422.2  
 Noise: 0.3

**Peak table for sample 2 : sample 2**


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	188	25.37	204.1		58.22
3	198	14.86	113.4		59.11
4	219	55.57	383.6		60.95
5	232	43.95	287.4		62.01
6	251	21.24	128.3		63.68
7	263	25.85	148.7		64.78
8	276	30.27	166.4		65.84
9	302	21.84	109.5		68.17
10	309	15.70	77.0		68.70
11	330	24.41	111.9		70.45
12	338	11.98	53.7		71.07
13	360	24.53	103.4		72.82
14	381	37.55	149.2		74.57
15	394	14.13	54.3		75.63
16	415	41.56	151.7		76.98
17	439	22.31	77.1		78.33
18	469	16.86	54.5		80.08
19	492	18.05	55.6		81.43
20	543	12.73	35.6		83.87
21	569	16.45	43.8		85.10
22	606	22.60	56.5		86.77
23	640	20.03	47.4		87.87
24	692	11.05	24.2		89.54
25	740	12.93	26.5		90.36

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-04\2015-05-04\_004.xad


Created: 5/4/2015 4:14:11 PM  
 Modified: 5/4/2015 5:05:29 PM

**Electropherogram Summary Continued ...**

**... Peak table for sample 2 : sample 2**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	820	14.47	26.7		91.50
27	924	8.97	14.7		92.97
28	990	10.51	16.1		93.91
29	1,100	8.67	11.9		94.72
30	1,344	7.42	8.4		96.40
31	1,446	10.96	11.5		97.09
32	1,745	4.30	3.7		99.13
33	1,864	3.90	3.2		99.95
34	 10,380	75.00	10.9	Upper Marker	113.00

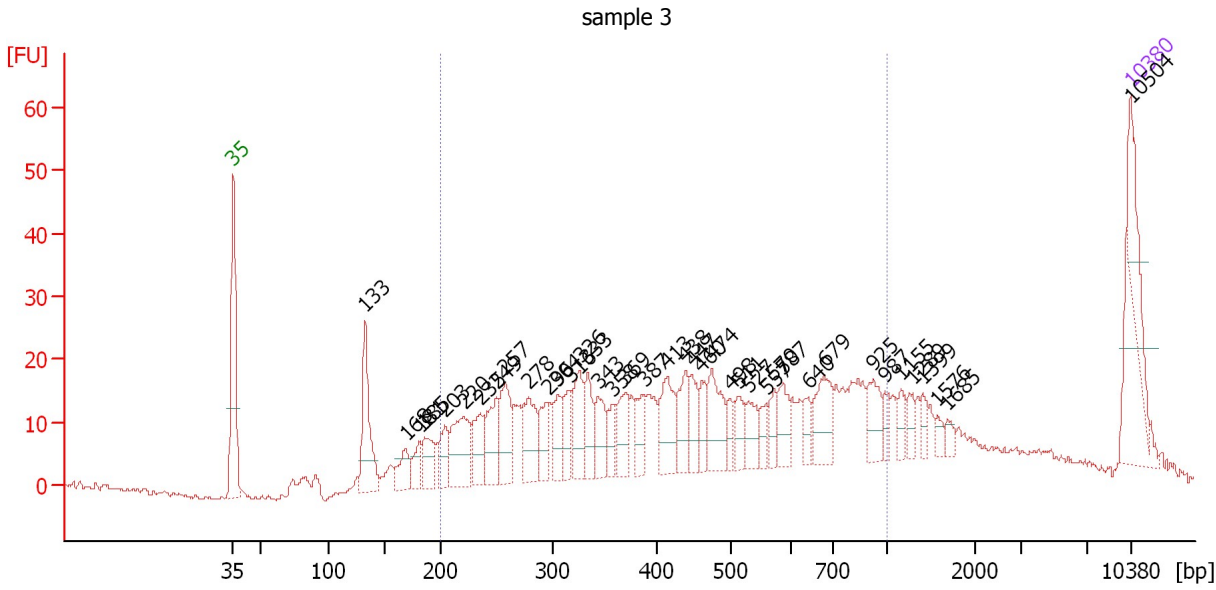
**Region table for sample 2 : sample 2**

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Color
200	498	1,000	422.2	2,475.3	65	39.1	641.66	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-04\2015-05-04\_004.xad

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 Modified: 5/4/2015 5:05:29 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 3 : sample 3**

Number of peaks found: 40                      Corr. Area 1: 638.3  
 Noise: 0.5

**Peak table for sample 3 : sample 3**

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	133	74.10	846.8		53.28
3	168	22.81	205.5		56.44
4	181	18.12	151.7		57.57
5	185	28.87	236.8		57.90
6	203	25.89	193.1		59.52
7	220	55.84	384.9		60.98
8	235	31.04	200.0		62.31
9	249	38.87	236.1		63.56
10	257	46.33	273.1		64.22
11	278	43.55	237.8		66.01
12	296	26.86	137.5		67.64
13	304	25.68	128.0		68.30
14	316	22.22	106.4		69.30
15	326	36.36	169.2		70.05
16	333	28.69	130.6		70.63
17	343	28.62	126.4		71.47
18	358	15.10	64.0		72.67
19	369	26.18	107.5		73.59
20	387	20.21	79.1		75.05
21	413	39.92	146.6		76.83
22	438	29.27	101.3		78.29
23	447	20.97	71.2		78.79
24	460	17.55	57.9		79.54
25	474	38.72	123.8		80.37




Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-04\2015-05-04\_004.xad


Created: 5/4/2015 4:14:11 PM  
 Modified: 5/4/2015 5:05:29 PM

**Electropherogram Summary Continued ...**

**... Peak table for sample 3 : sample 3**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	498	11.59	35.2		81.79
27	511	16.76	49.7		82.41
28	527	18.87	54.2		83.16
29	557	10.13	27.5		84.58
30	570	13.30	35.4		85.16
31	587	20.66	53.3		85.95
32	640	10.25	24.3		87.86
33	679	34.86	77.8		89.11
34	925	21.86	35.8		92.98
35	987	8.62	13.2		93.86
36	1,155	9.42	12.4		95.10
37	1,289	9.29	10.9		96.02
38	1,399	7.19	7.8		96.77
39	1,576	4.95	4.8		97.98
40	1,685	5.31	4.8		98.73
41	 10,380	75.00	10.9	Upper Marker	113.00
42	10,504	0.00	0.0		113.12

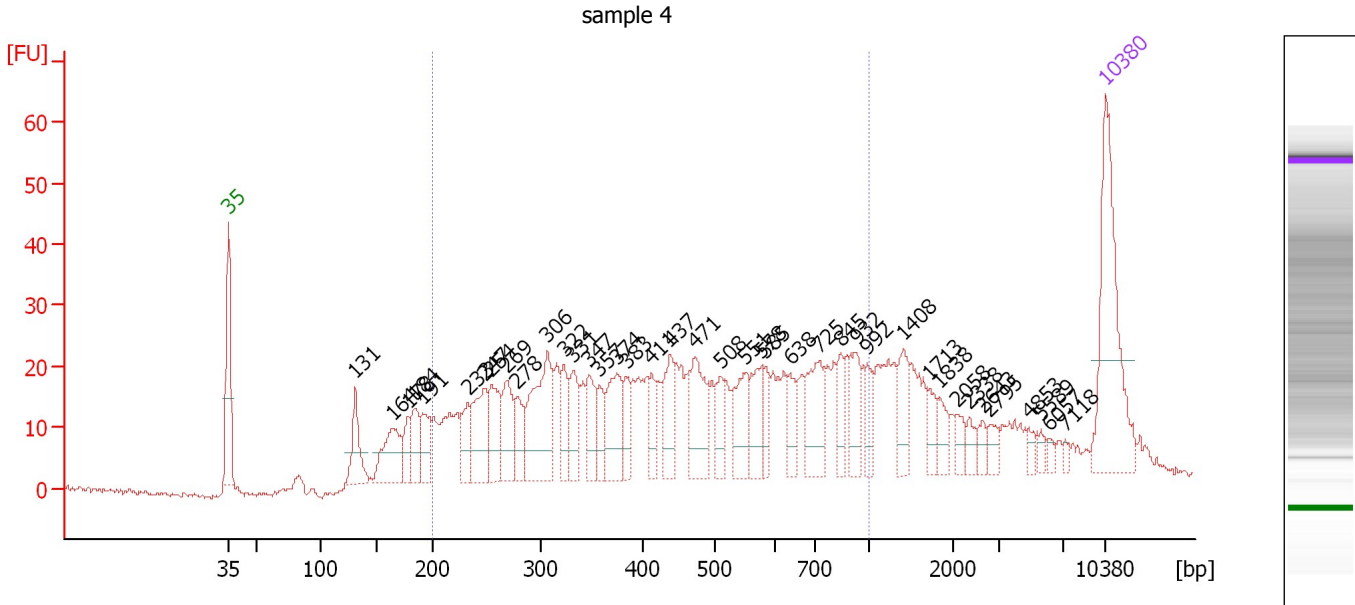
**Region table for sample 3 : sample 3**

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Color
200	471	1,000	638.3	4,153.9	77	41.9	1,014.69	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-04\2015-05-04\_004.xad

Created: 5/4/2015 4:14:11 PM  
 Modified: 5/4/2015 5:05:29 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 4 : sample 4**

Number of peaks found: 40                      Corr. Area 1: 790.3  
 Noise: 0.6

**Peak table for sample 4 : sample 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	131	34.74	402.1		53.13
3	164	46.72	432.0		56.06
4	178	16.32	138.6		57.34
5	184	26.18	215.4		57.85
6	191	24.29	192.3		58.49
7	233	22.60	147.1		62.11
8	247	48.71	298.3		63.38
9	254	37.40	222.9		63.98
10	269	36.34	204.8		65.26
11	278	22.83	124.4		66.06
12	306	78.48	388.9		68.45
13	322	23.58	111.0		69.77
14	331	27.73	127.0		70.49
15	347	25.56	111.7		71.77
16	357	18.06	76.7		72.57
17	374	41.87	169.7		73.98
18	383	17.48	69.2		74.70
19	411	15.65	57.7		76.74
20	437	30.12	104.5		78.23
21	471	44.03	141.7		80.19
22	508	17.17	51.2		82.28
23	551	32.82	90.2		84.28
24	578	25.08	65.7		85.55
25	585	13.60	35.3		85.85

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-04\2015-05-04\_004.xad


Created: 5/4/2015 4:14:11 PM  
 Modified: 5/4/2015 5:05:29 PM

**Electropherogram Summary Continued ...**

**... Peak table for sample 4 : sample 4**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	638	16.16	38.4		87.81
27	725	37.98	79.4		90.15
28	845	15.65	28.1		91.85
29	932	23.03	37.4		93.09
30	992	12.20	18.6		93.94
31	1,408	20.93	22.5		96.83
32	1,713	9.76	8.6		98.91
33	1,838	10.00	8.2		99.77
34	2,058	7.16	5.3		101.09
35	2,338	6.34	4.1		102.11
36	2,643	5.76	3.3		103.21
37	2,795	6.82	3.7		103.77
38	4,853	3.81	1.2		106.87
39	5,589	3.93	1.1		107.81
40	6,057	3.12	0.8		108.40
41	7,118	2.67	0.6		109.72
42	 10,380	75.00	10.9	Upper Marker	113.00

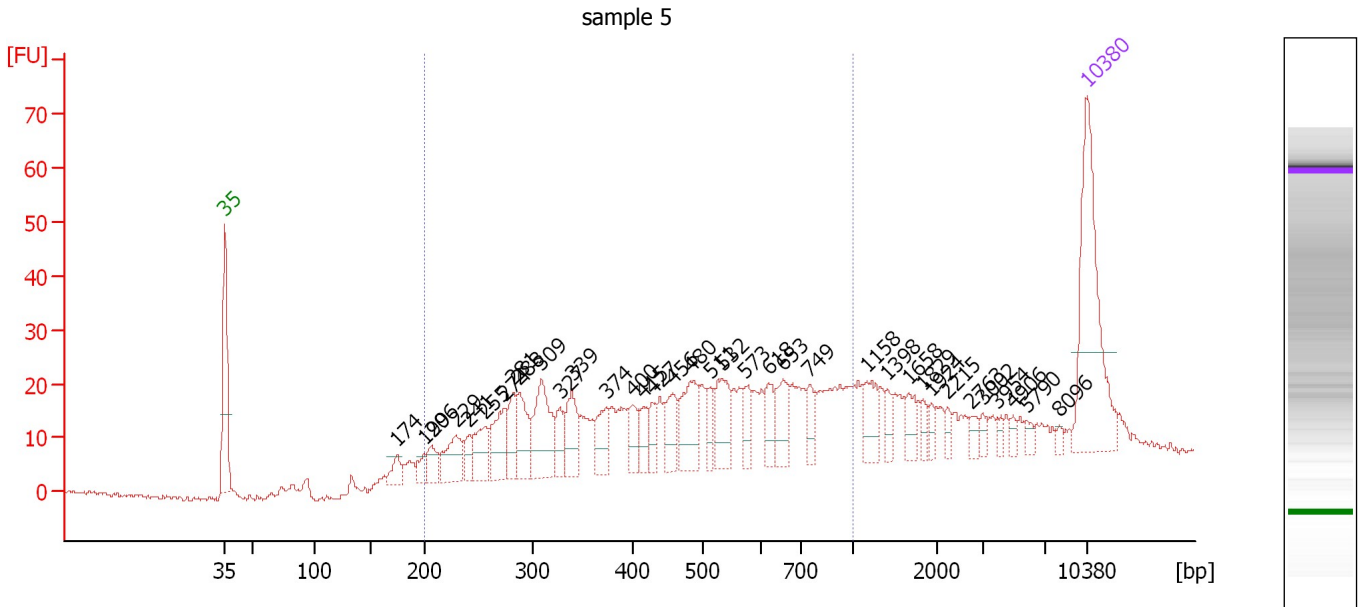
**Region table for sample 4 : sample 4**

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Color
200	475	1,000	790.3	4,196.0	72	41.9	1,031.86	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-04\2015-05-04\_004.xad

Created: 5/4/2015 4:14:11 PM  
 Modified: 5/4/2015 5:05:29 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 5 : sample 5**

Number of peaks found: 36                      Corr. Area 1: 569.5  
 Noise: 0.5

**Peak table for sample 5 : sample 5**

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	174	11.57	100.6		56.98
3	199	9.32	70.8		59.19
4	206	14.46	106.2		59.80
5	229	28.35	187.5		61.79
6	241	10.82	68.0		62.83
7	255	26.39	156.6		64.08
8	274	32.60	180.1		65.73
9	281	20.67	111.4		66.33
10	288	31.53	166.1		66.90
11	309	49.75	243.9		68.71
12	327	15.91	73.7		70.19
13	339	28.23	126.0		71.18
14	374	19.95	80.9		73.95
15	400	14.38	54.5		76.07
16	415	13.19	48.2		76.94
17	427	10.54	37.4		77.68
18	456	19.72	65.4		79.36
19	480	36.36	114.7		80.75
20	511	11.58	34.3		82.39
21	532	29.21	83.2		83.39
22	573	13.69	36.2		85.29
23	618	14.74	36.1		87.16
24	653	21.45	49.8		88.28
25	749	11.60	23.5		90.49

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-04\2015-05-04\_004.xad


Created: 5/4/2015 4:14:11 PM  
 Modified: 5/4/2015 5:05:29 PM

**Electropherogram Summary Continued ...**

**... Peak table for sample 5 : sample 5**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	1,158	19.74	25.8		95.12
27	1,398	7.37	8.0		96.77
28	1,658	9.93	9.1		98.54
29	1,829	5.17	4.3		99.71
30	1,924	5.16	4.1		100.36
31	2,215	4.25	2.9		101.66
32	2,763	4.77	2.6		103.65
33	3,002	3.45	1.7		104.52
34	3,954	3.25	1.2		105.73
35	4,906	3.15	1.0		106.94
36	5,790	3.89	1.0		108.06
37	8,096	2.44	0.5		110.71
38	10,380	75.00	10.9	Upper Marker	113.00

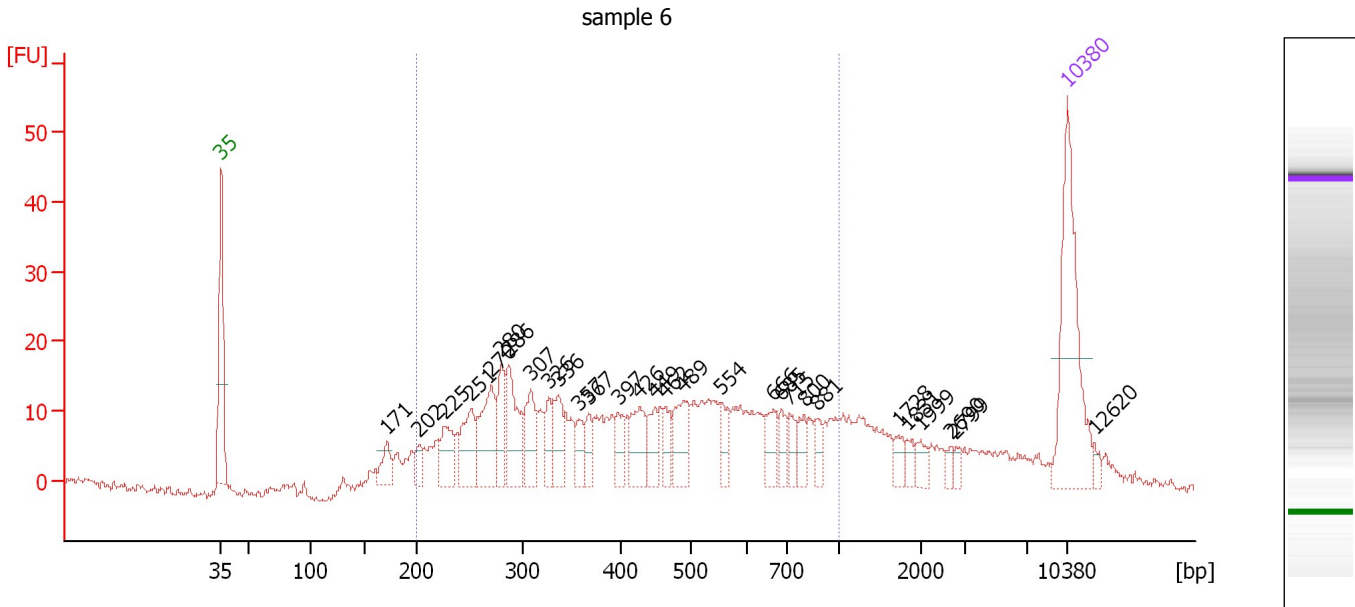
**Region table for sample 5 : sample 5**

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Color
200	485	1,000	569.5	2,544.2	75	39.8	650.46	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-04\2015-05-04\_004.xad

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 Modified: 5/4/2015 5:05:29 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 6 : sample 6**

Number of peaks found: 29                      Corr. Area 1: 485.6  
 Noise: 0.7

**Peak table for sample 6 : sample 6**

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	171	18.05	159.6		56.72
3	202	11.38	85.4		59.41
4	225	28.48	191.7		61.44
5	251	36.33	219.4		63.69
6	270	51.46	288.7		65.36
7	280	30.06	162.9		66.20
8	286	47.49	251.4		66.77
9	307	32.23	158.8		68.58
10	326	17.90	83.1		70.13
11	336	25.28	114.1		70.88
12	357	14.15	60.1		72.60
13	367	11.93	49.2		73.43
14	397	15.85	60.6		75.82
15	426	29.42	104.6		77.63
16	449	17.50	59.1		78.90
17	462	12.56	41.2		79.70
18	489	29.03	90.0		81.24
19	554	15.06	41.2		84.42
20	666	17.46	39.7		88.70
21	685	11.60	25.7		89.31
22	715	10.90	23.1		90.02
23	800	11.31	21.4		91.21
24	881	9.49	16.3		92.36
25	1,728	7.79	6.8		99.02

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-04\2015-05-04\_004.xad


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### Electropherogram Summary Continued ...

#### ... Peak table for sample 6 : sample 6

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	1,831	5.54	4.6		99.72
27	1,999	6.83	5.2		100.87
28	2,690	4.15	2.3		103.38
29	2,799	3.96	2.1		103.78
30	10,380	75.00	10.9	Upper Marker	113.00
31	12,620	0.00	0.0		115.25

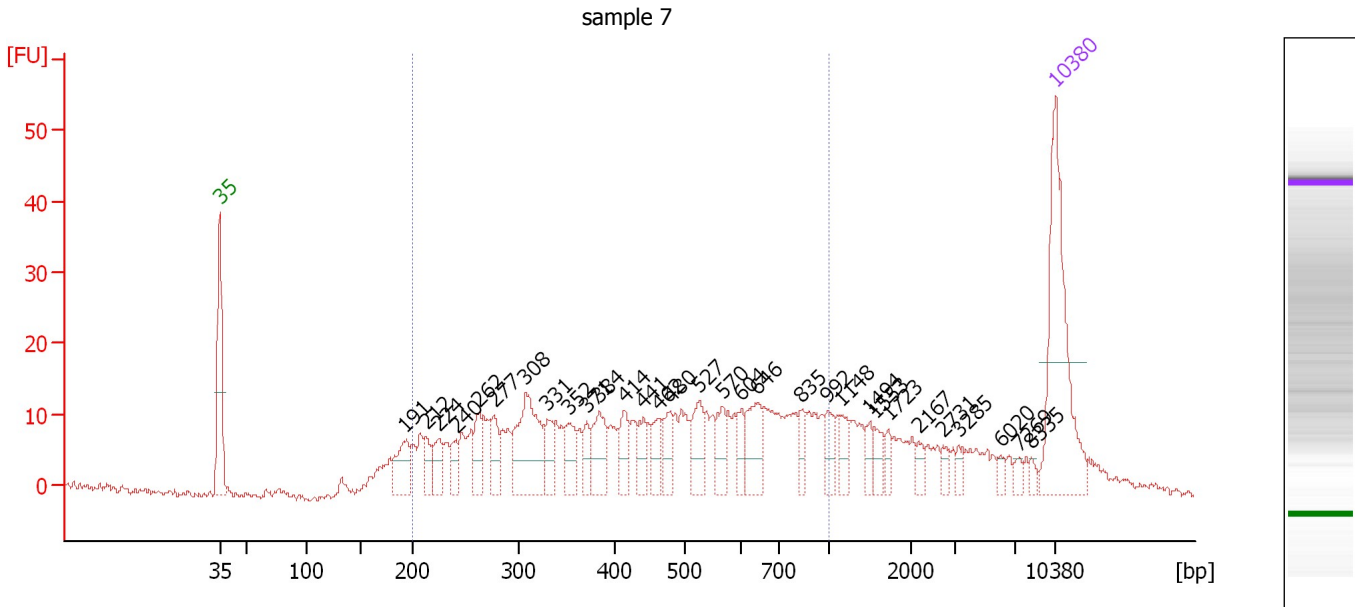
#### Region table for sample 6 : sample 6

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Color
200	460	1,000	485.6	3,002.7	76	41.0	727.59	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-04\2015-05-04\_004.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 7 : sample 7**

Number of peaks found: 31                      Corr. Area 1: 426.9  
 Noise: 0.6

**Peak table for sample 7 : sample 7**

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	191	29.27	231.7		58.49
3	212	12.63	90.4		60.28
4	224	16.87	114.3		61.30
5	240	11.52	72.6		62.78
6	262	20.40	118.0		64.65
7	277	17.51	95.7		65.99
8	308	66.86	328.9		68.63
9	331	18.56	85.1		70.46
10	352	20.09	86.4		72.24
11	371	11.64	47.5		73.76
12	384	28.01	110.6		74.79
13	414	17.96	65.8		76.88
14	441	15.28	52.4		78.49
15	462	12.78	41.9		79.70
16	480	17.05	53.8		80.72
17	527	21.59	62.1		83.13
18	570	15.53	41.3		85.14
19	604	10.46	26.2		86.71
20	646	25.35	59.5		88.04
21	835	9.06	16.5		91.71
22	992	11.14	17.0		93.94
23	1,148	12.03	15.9		95.05
24	1,494	7.09	7.2		97.42
25	1,553	7.82	7.6		97.82



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-04\2015-05-04\_004.xad


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### Electropherogram Summary Continued ...

#### ... Peak table for sample 7 : sample 7

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	1,723	5.28	4.6		98.98
27	2,167	5.00	3.5		101.48
28	2,731	5.09	2.8		103.54
29	3,285	3.57	1.6		104.88
30	6,020	3.13	0.8		108.36
31	7,269	3.43	0.7		109.88
32	8,335	2.98	0.5		110.95
33	10,380	75.00	10.9	Upper Marker	113.00

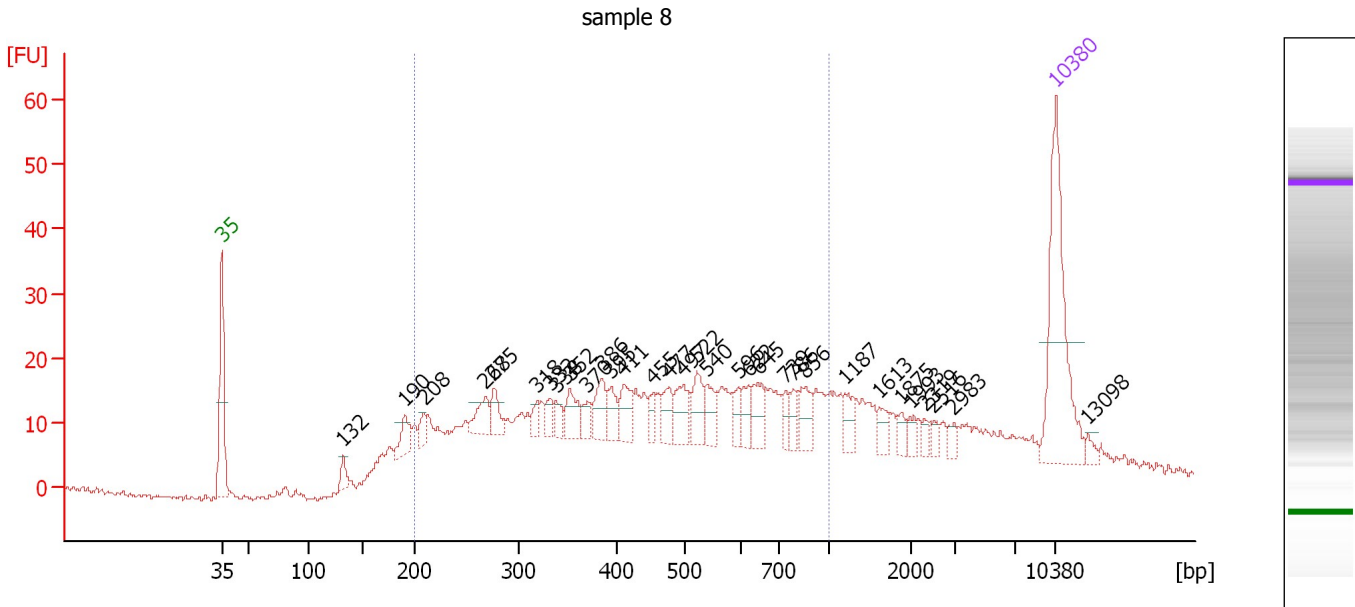
#### Region table for sample 7 : sample 7

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Color
200	479	1,000	426.9	2,381.5	74	41.0	592.97	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-04\2015-05-04\_004.xad

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**Electropherogram Summary Continued ...**



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

Number of peaks found: 32                      Corr. Area 1: 581.4  
 Noise: 0.4

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

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	132	10.15	116.7		53.20
3	190	18.18	144.7		58.40
4	208	9.42	68.6		59.96
5	268	18.29	103.5		65.15
6	275	15.17	83.4		65.83
7	318	6.96	33.2		69.45
8	332	8.64	39.5		70.57
9	338	9.47	42.5		71.06
10	352	18.69	80.4		72.23
11	370	9.24	37.8		73.70
12	386	19.56	76.8		74.96
13	395	13.10	50.2		75.72
14	411	18.64	68.7		76.75
15	455	8.13	27.1		79.25
16	477	14.20	45.1		80.55
17	497	20.18	61.5		81.71
18	522	18.64	54.1		82.92
19	540	15.04	42.2		83.77
20	596	9.91	25.2		86.37
21	622	11.11	27.1		87.26
22	645	17.10	40.2		88.03
23	739	7.85	16.1		90.35
24	786	7.84	15.1		91.02
25	856	15.61	27.6		92.01

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-04\2015-05-04\_004.xad


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**Electropherogram Summary Continued ...**

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

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	1,187	10.55	13.5		95.32
27	1,613	7.61	7.1		98.23
28	1,875	5.21	4.2		100.02
29	1,993	4.77	3.6		100.83
30	2,319	4.03	2.6		102.03
31	2,516	4.38	2.6		102.75
32	2,983	4.72	2.4		104.45
33	10,380	75.00	10.9	Upper Marker	113.00
34	13,098	0.00	0.0		115.73

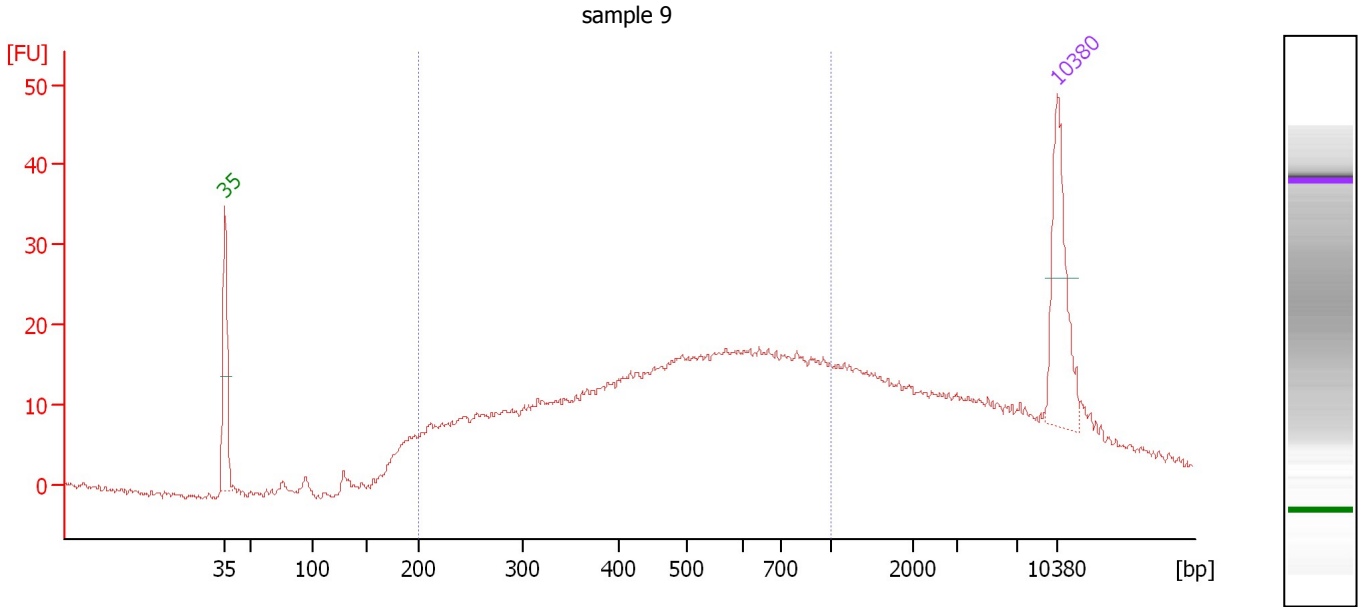
**Region table for sample 8 : sample 8**

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Color
200	475	1,000	581.4	3,573.7	72	40.6	887.52	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-04\2015-05-04\_004.xad

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**Electropherogram Summary Continued ...**



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

Number of peaks found: 0                      Corr. Area 1: 512.2  
 Noise: 0.5

**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

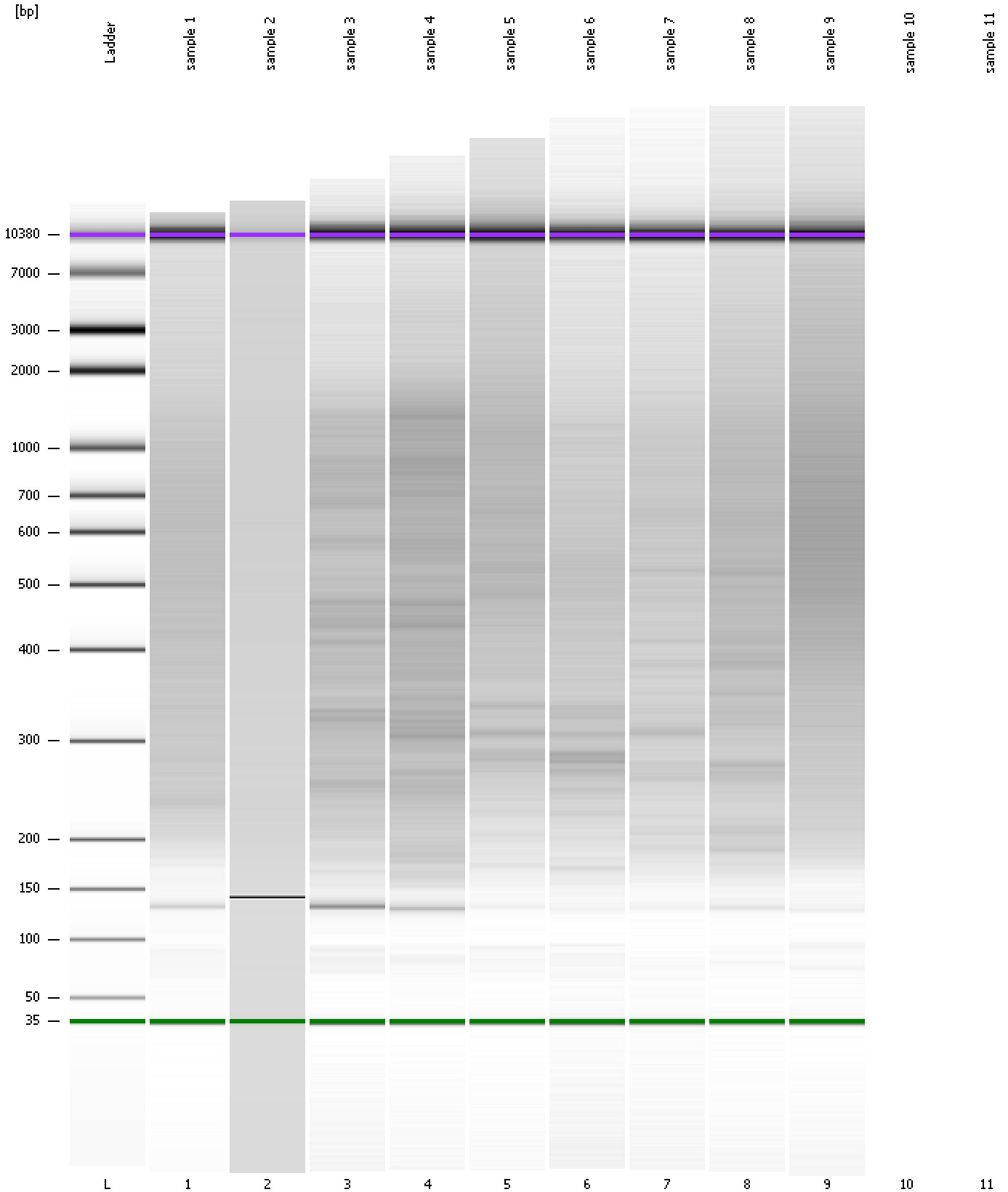
**Region table for sample 9 : sample 9**

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Color
200	499	1,000	512.2	4,155.9	71	38.8	1,088.28	Blue

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-04\2015-05-04\_004.xad

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**Gel Image**



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Assay Class: High Sensitivity DNA Assay  
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**Invalid Samples**

Sample 10 has not been run, no results available.

Sample 11 has not been run, no results available.