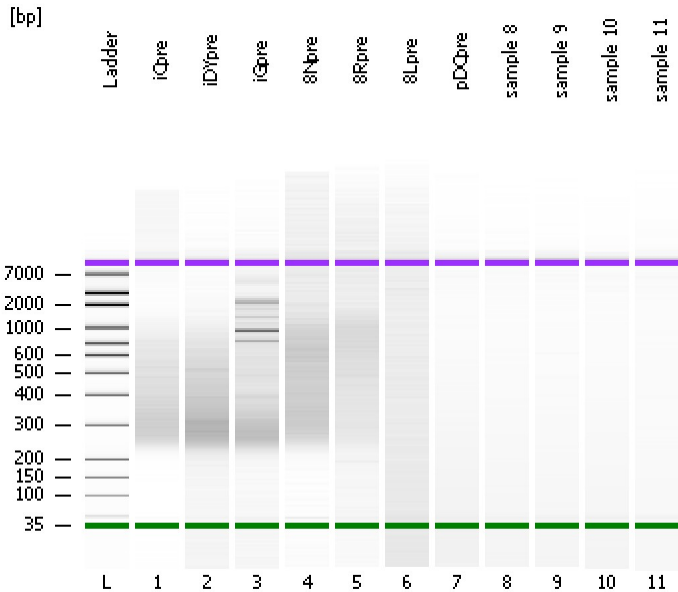


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2016-10-27\2016-10-27\_003.xad

Created: 10/27/2016 12:30:05 PM  
Modified: 10/27/2016 1:10:33 PM

### Electrophoresis File Run Summary



#### Instrument Information:

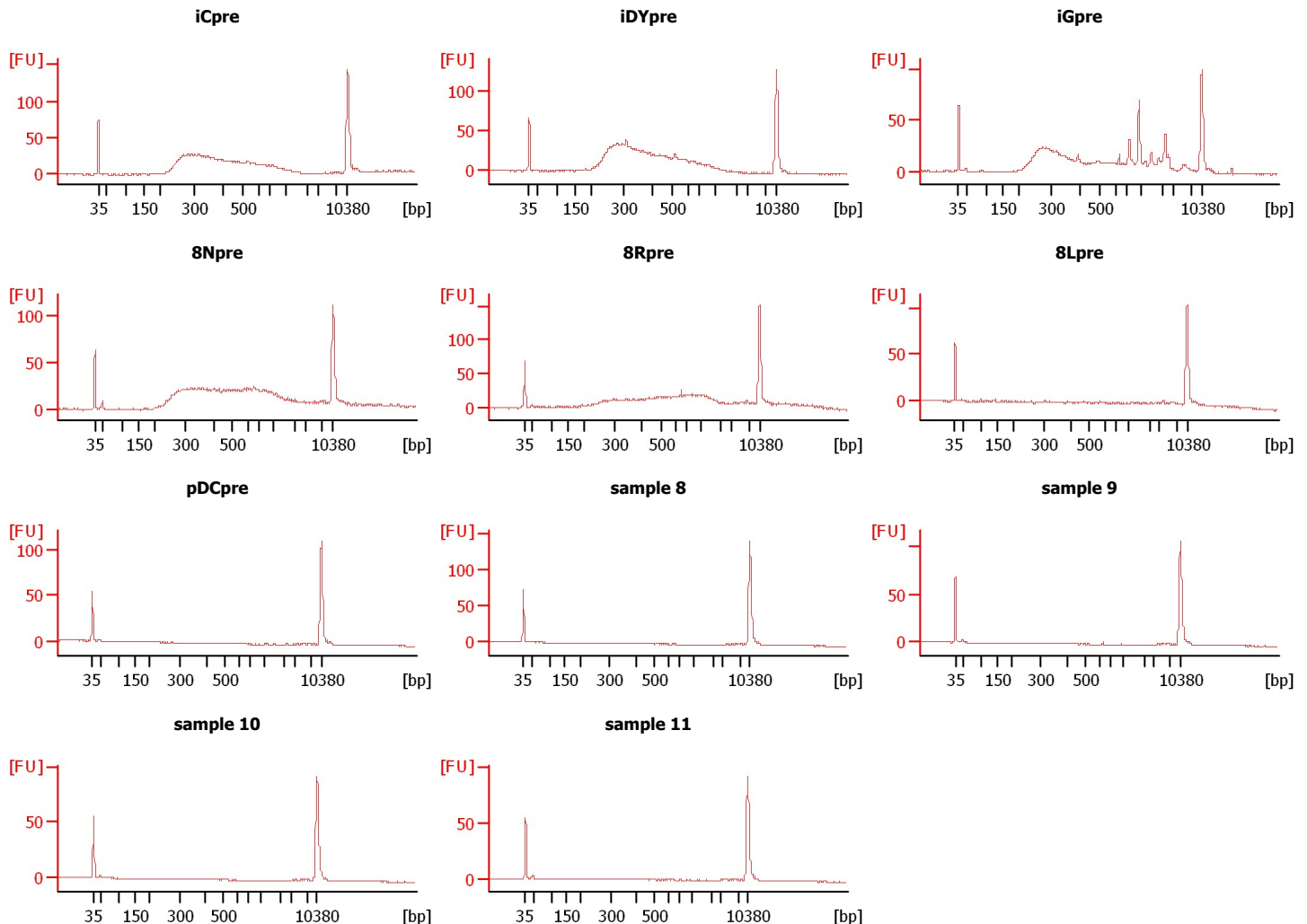
Instrument Name: DE13701086      Firmware: C.01.069  
Serial#: DE13701086      Type: G2938B

#### 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\2016-10-27\2016-10-27\_003.xad

Created: 10/27/2016 12:30:05 PM  
 Modified: 10/27/2016 1:10:33 PM

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

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
iCpre		<input type="checkbox"/>	✓			
iDYpre		<input type="checkbox"/>	✓			
iGpre		<input type="checkbox"/>	✓			
8Npre		<input type="checkbox"/>	✓			
8Rpre		<input type="checkbox"/>	✓			
8Lpre		<input type="checkbox"/>	✓			
pDCpre		<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\2016-10-27\2016-10-27\_003.xad

Created: 10/27/2016 12:30:05 PM  
Modified: 10/27/2016 1:10:33 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/ $\mu$ l] : 1950  
Uses Standard Area for Ladder Fragments  
Lower Marker Concentration [pg/ $\mu$ l] : 125  
Upper Marker Concentration [pg/ $\mu$ l] : 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

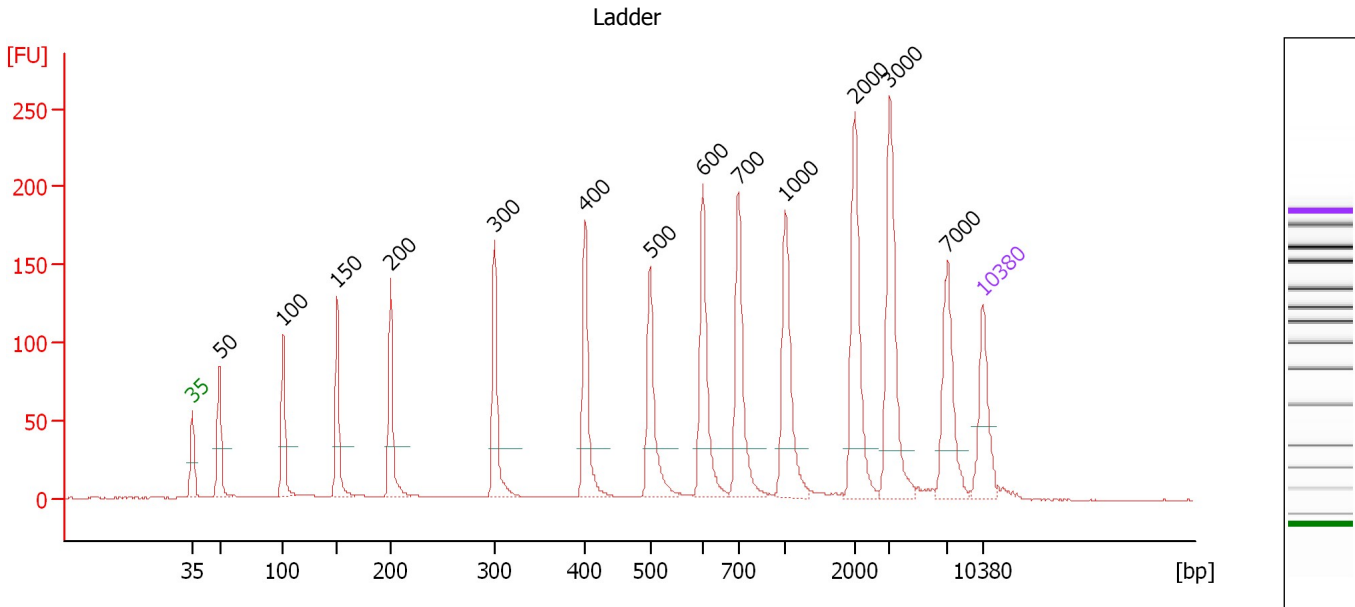
**Ladder**

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\2016-10-27\2016-10-27\_003.xad

Created: 10/27/2016 12:30:05 PM  
 Modified: 10/27/2016 1:10:33 PM

**Electropherogram Summary**



**Overall Results for Ladder**

Noise: 0.2

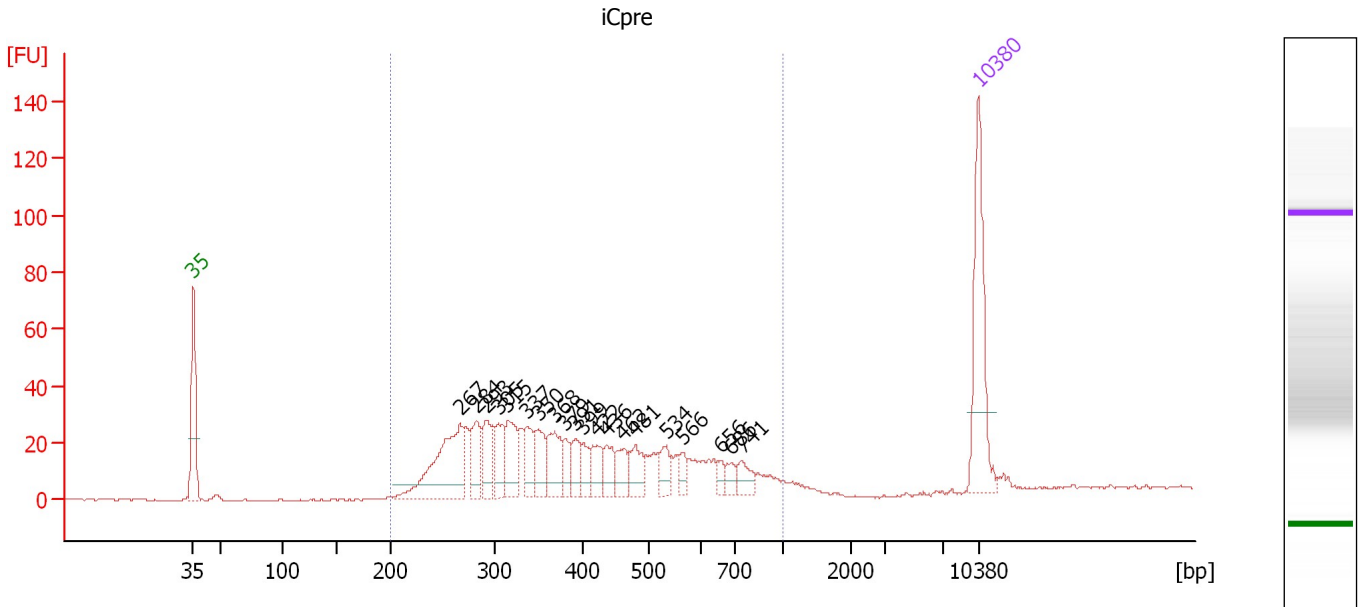
**Peak table for Ladder**

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	45.41
3	100	150.00	2,272.7	Ladder Peak	51.03
4	150	150.00	1,515.2	Ladder Peak	55.85
5	200	150.00	1,136.4	Ladder Peak	60.57
6	300	150.00	757.6	Ladder Peak	69.78
7	400	150.00	568.2	Ladder Peak	77.81
8	500	150.00	454.5	Ladder Peak	83.53
9	600	150.00	378.8	Ladder Peak	88.20
10	700	150.00	324.7	Ladder Peak	91.37
11	1,000	150.00	227.3	Ladder Peak	95.52
12	2,000	150.00	113.6	Ladder Peak	101.71
13	3,000	150.00	75.8	Ladder Peak	104.73
14	7,000	150.00	32.5	Ladder Peak	109.93
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-10-27\2016-10-27\_003.xad

Created: 10/27/2016 12:30:05 PM  
 Modified: 10/27/2016 1:10:33 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 1 : iCpre**

Number of peaks found: 20                      Corr. Area 1: 696.5  
 Noise: 0.2

**Peak table for sample 1 : iCpre**

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	267	111.76	633.3		66.78
3	284	37.67	201.0		68.30
4	293	33.87	175.0		69.15
5	305	28.89	143.4		70.20
6	315	44.92	215.8		71.01
7	337	28.13	126.4		72.77
8	350	30.08	130.1		73.82
9	368	36.05	148.4		75.24
10	379	16.60	66.3		76.15
11	391	18.13	70.3		77.10
12	399	16.30	61.9		77.76
13	422	19.29	69.3		79.05
14	436	19.58	68.1		79.85
15	462	18.85	61.8		81.38
16	481	24.59	77.5		82.42
17	534	17.24	48.9		85.13
18	566	10.92	29.2		86.61
19	656	6.96	16.1		89.98
20	686	9.76	21.5		90.93
21	741	14.62	29.9		91.93
22	10,380	75.00	10.9	Upper Marker	113.00


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2016-10-27\2016-10-27\_003.xad

Created: 10/27/2016 12:30:05 PM  
Modified: 10/27/2016 1:10:33 PM

**Electropherogram Summary Continued ...**

... Region table for sample 1 :

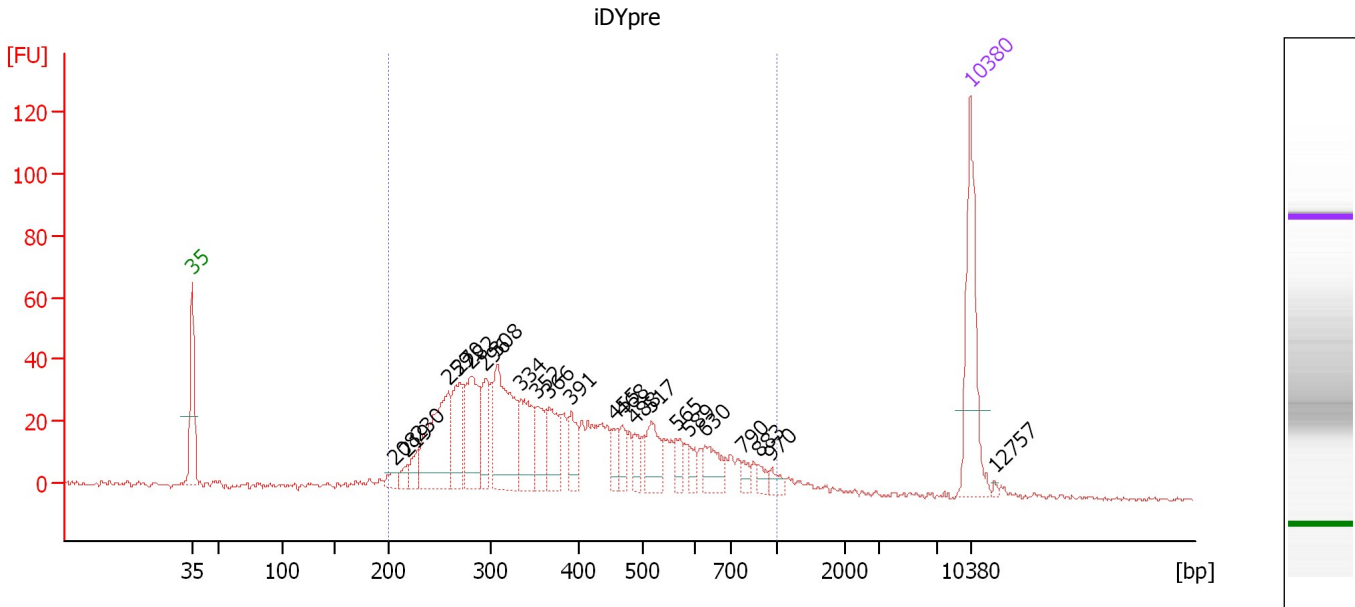
iCpre

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	414	696.5	2,712.3	 634.81	97	36.6

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-10-27\2016-10-27\_003.xad

Created: 10/27/2016 12:30:05 PM  
 Modified: 10/27/2016 1:10:33 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 2 : iDYpre**

Number of peaks found: 23                      Corr. Area 1: 956.4  
 Noise: 0.8

**Peak table for sample 2 : iDYpre**

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	208	10.00	73.0		61.28
3	219	9.61	66.4		62.34
4	230	15.85	104.6		63.29
5	259	116.29	679.6		66.03
6	270	56.79	318.5		67.04
7	282	78.74	423.6		68.09
8	296	40.73	208.7		69.39
9	308	113.96	561.2		70.40
10	334	58.55	265.6		72.51
11	352	35.74	153.6		73.99
12	366	45.95	190.1		75.10
13	391	27.35	106.1		77.06
14	455	15.61	52.0		80.95
15	468	16.71	54.2		81.67
16	488	16.77	52.1		82.82
17	517	35.51	104.1		84.31
18	565	14.70	39.4		86.56
19	589	11.92	30.7		87.67
20	630	25.35	61.0		89.15
21	790	7.75	14.9		92.61
22	883	7.34	12.6		93.90
23	970	7.50	11.7		95.10
24	10,380	75.00	10.9	Upper Marker	113.00
25	12,757	0.00	0.0		115.16

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2016-10-27\2016-10-27\_003.xad

Created: 10/27/2016 12:30:05 PM  
Modified: 10/27/2016 1:10:33 PM

**Electropherogram Summary Continued ...**

... Region table for sample 2 :

iDYpre

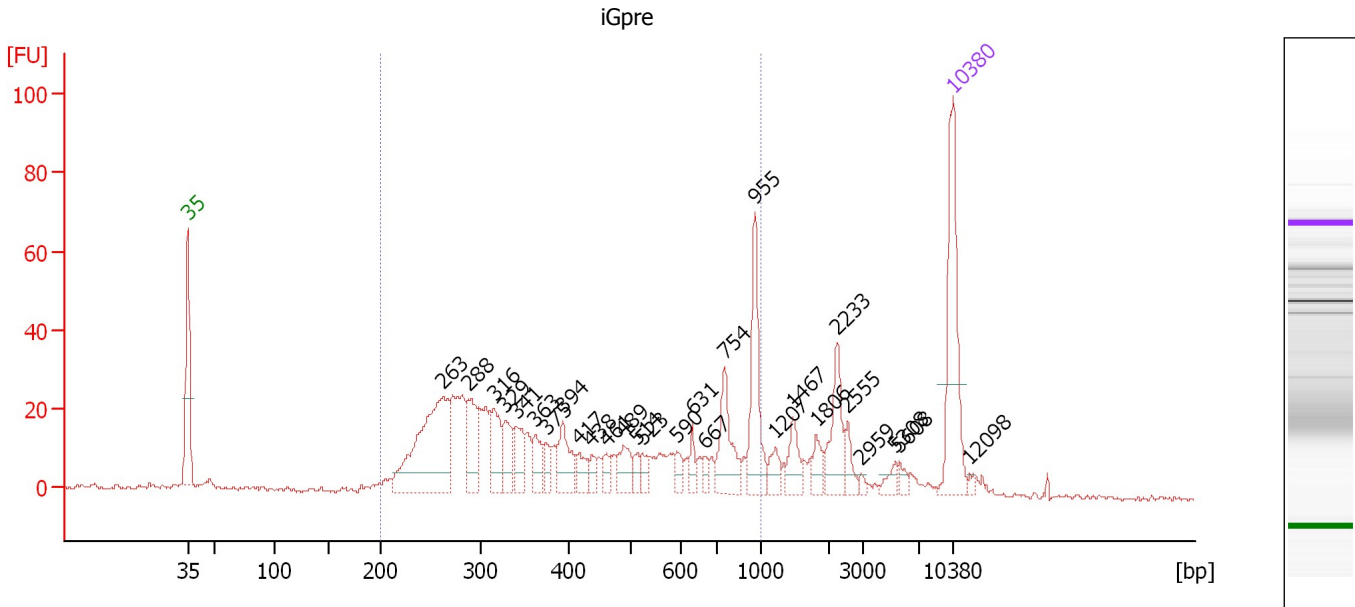
From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	405	956.4	4,173.1	■ 946.22	93	38.2



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-10-27\2016-10-27\_003.xad

Created: 10/27/2016 12:30:05 PM  
 Modified: 10/27/2016 1:10:33 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 3 : iGpre**

Number of peaks found: 28                      Corr. Area 1: 663.1  
 Noise: 0.7

**Peak table for sample 3 : iGpre**

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	263	166.06	955.1		66.41
3	288	48.03	252.4		68.71
4	316	40.95	196.5		71.05
5	329	28.94	133.5		72.07
6	341	28.67	127.3		73.10
7	363	21.52	89.9		74.80
8	375	12.52	50.5		75.83
9	394	33.85	130.1		77.34
10	417	16.11	58.5		78.80
11	438	9.09	31.5		79.98
12	461	9.50	31.2		81.29
13	489	22.20	68.8		82.90
14	514	9.33	27.5		84.17
15	523	8.94	25.9		84.61
16	590	10.61	27.2		87.73
17	631	9.94	23.9		89.20
18	667	7.11	16.2		90.32
19	754	45.98	92.3		92.12
20	955	60.25	95.6		94.90
21	1,207	12.50	15.7		96.80
22	1,467	18.39	19.0		98.41
23	1,806	12.09	10.1		100.51
24	2,233	34.53	23.4		102.41
25	2,555	11.70	6.9		103.39

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-10-27\2016-10-27\_003.xad

Created: 10/27/2016 12:30:05 PM  
 Modified: 10/27/2016 1:10:33 PM

### Electropherogram Summary Continued ...

#### ... Peak table for sample 3 : iGpre

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	2,959	2.70	1.4		104.61
27	5,308	7.10	2.0		107.73
28	5,608	5.01	1.4		108.12
29	10,380	75.00	10.9	Upper Marker	113.00
30	12,098	0.00	0.0		114.56

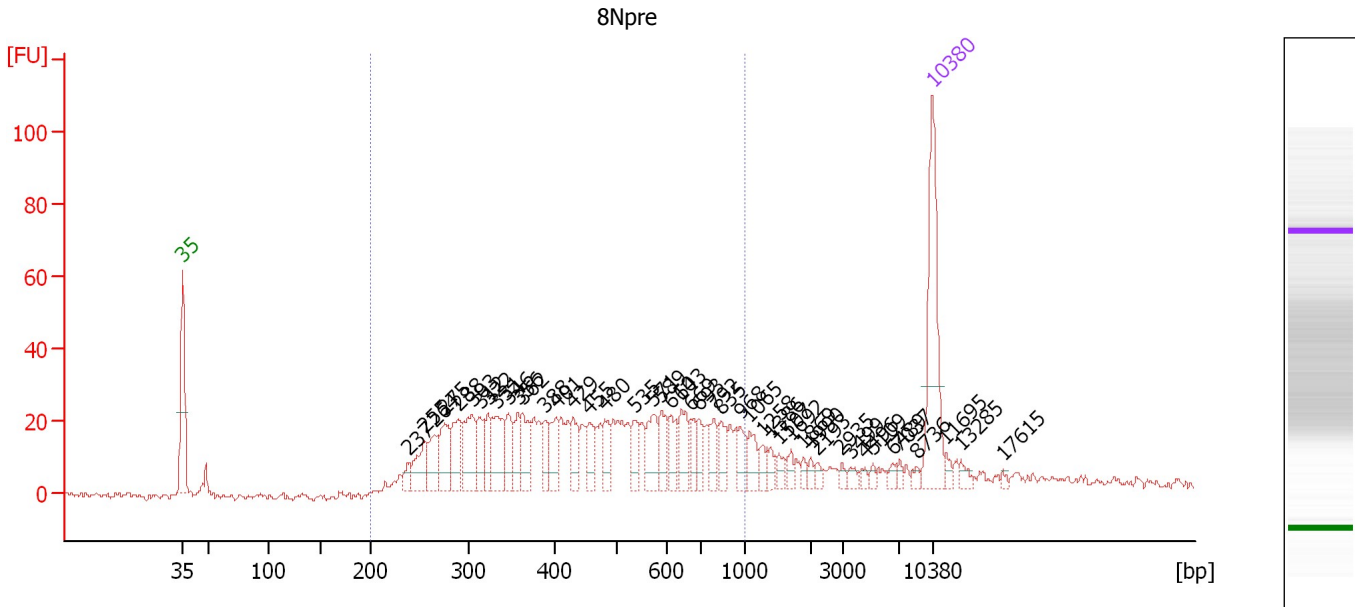
#### Region table for sample 3 : iGpre

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	471	663.1	3,474.4	820.27	76	48.6

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-10-27\2016-10-27\_003.xad

Created: 10/27/2016 12:30:05 PM  
 Modified: 10/27/2016 1:10:33 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 4 : 8Npre**

Number of peaks found: 45                      Corr. Area 1: 754.0  
 Noise: 1.1

**Peak table for sample 4 : 8Npre**

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	237	10.55	67.4		64.01
3	255	31.01	184.5		65.60
4	264	29.26	168.1		66.45
5	275	38.73	213.2		67.50
6	288	35.17	184.9		68.69
7	303	46.19	230.8		70.03
8	312	26.03	126.2		70.78
9	322	22.67	106.8		71.53
10	331	42.22	193.2		72.27
11	346	24.49	107.3		73.47
12	356	20.71	88.0		74.32
13	362	29.50	123.4		74.76
14	388	18.29	71.4		76.85
15	401	22.26	84.2		77.85
16	429	22.32	78.9		79.44
17	455	18.80	62.6		80.94
18	480	19.05	60.1		82.38
19	535	17.77	50.3		85.17
20	571	27.06	71.8		86.86
21	589	19.27	49.5		87.71
22	610	18.18	45.2		88.50
23	643	24.88	58.7		89.55
24	669	14.70	33.3		90.40
25	693	14.21	31.1		91.14

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-10-27\2016-10-27\_003.xad

Created: 10/27/2016 12:30:05 PM  
 Modified: 10/27/2016 1:10:33 PM

**Electropherogram Summary Continued ...**

**... Peak table for sample 4 : 8Npre**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	792	15.15	29.0		92.64
27	835	16.39	29.8		93.23
28	968	13.65	21.4		95.08
29	1,065	14.33	20.4		95.92
30	1,258	8.63	10.4		97.12
31	1,386	7.18	7.8		97.91
32	1,507	6.82	6.9		98.66
33	1,692	5.07	4.5		99.81
34	1,869	4.47	3.6		100.90
35	1,990	3.88	3.0		101.65
36	2,193	4.04	2.8		102.30
37	2,935	3.71	1.9		104.54
38	3,499	4.34	1.9		105.38
39	4,496	2.67	0.9		106.68
40	5,109	3.35	1.0		107.47
41	6,489	4.14	1.0		109.27
42	7,037	3.34	0.7		109.96
43	8,736	3.57	0.6		111.51
44	10,380	75.00	10.9	Upper Marker	113.00
45	11,695	0.00	0.0		114.19
46	13,285	0.00	0.0		115.64
47	17,615	0.00	0.0		119.57

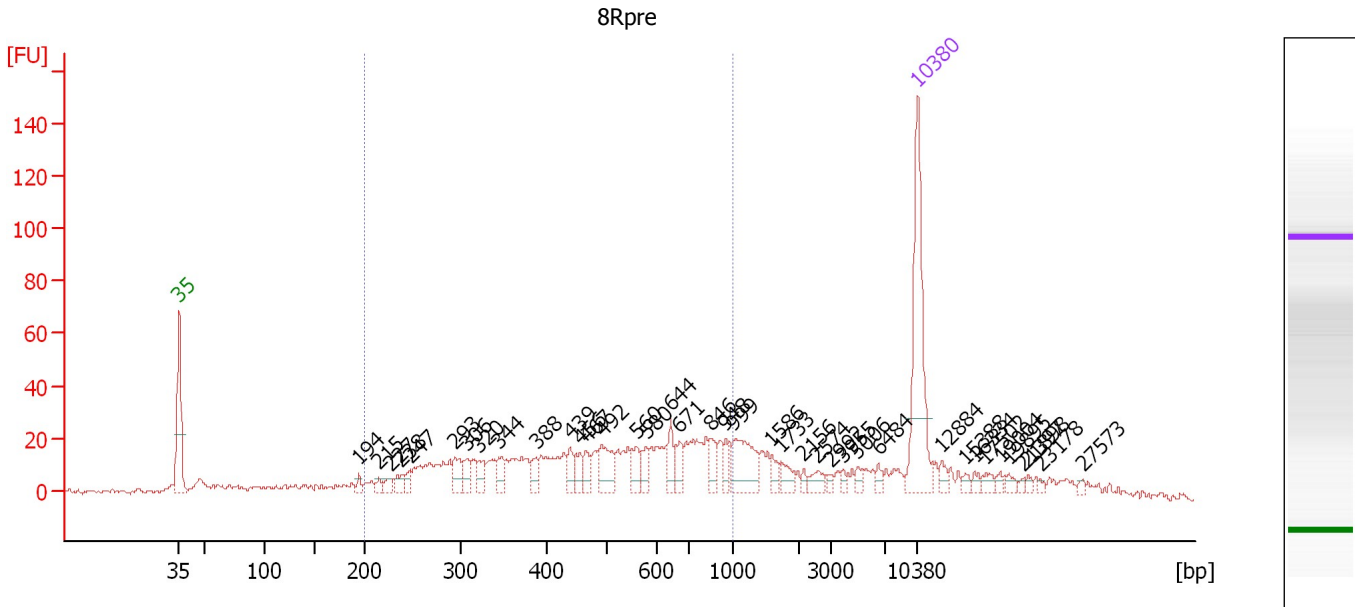
**Region table for sample 4 : 8Npre**

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	478	754.0	3,326.7	862.68	81	38.6

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-10-27\2016-10-27\_003.xad

Created: 10/27/2016 12:30:05 PM  
 Modified: 10/27/2016 1:10:33 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 5 : 8Rpre**

Number of peaks found: 39                      Corr. Area 1: 629.9  
 Noise: 0.9

**Peak table for sample 5 : 8Rpre**

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	194	4.82	37.6		60.03
3	215	5.04	35.5		61.95
4	227	7.66	51.2		63.01
5	238	9.03	57.5		64.08
6	247	7.46	45.8		64.88
7	293	15.98	82.7		69.13
8	306	11.47	56.9		70.24
9	320	11.19	52.9		71.40
10	344	12.25	54.0		73.32
11	388	9.70	37.9		76.81
12	439	10.33	35.7		80.05
13	456	11.65	38.7		81.01
14	467	10.47	34.0		81.61
15	492	24.89	76.6		83.08
16	560	11.93	32.3		86.31
17	580	10.80	28.2		87.27
18	644	13.59	32.0		89.60
19	671	12.58	28.4		90.46
20	846	10.90	19.5		93.39
21	948	9.27	14.8		94.81
22	999	35.69	54.1		95.51
23	1,586	6.40	6.1		99.15
24	1,733	8.38	7.3		100.06
25	2,156	2.83	2.0		102.18

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-10-27\2016-10-27\_003.xad

Created: 10/27/2016 12:30:05 PM  
 Modified: 10/27/2016 1:10:33 PM

**Electropherogram Summary Continued ...**

**... Peak table for sample 5 : 8Rpre**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	2,574	7.39	4.3		103.45
27	2,992	2.57	1.3		104.71
28	3,955	2.97	1.1		105.97
29	5,006	4.00	1.2		107.34
30	6,484	3.96	0.9		109.26
31	10,380	75.00	10.9	Upper Marker	113.00
32	12,884	0.00	0.0		115.27
33	15,388	0.00	0.0		117.55
34	16,334	0.00	0.0		118.41
35	17,502	0.00	0.0		119.47
36	19,004	0.00	0.0		120.83
37	19,895	0.00	0.0		121.64
38	21,397	0.00	0.0		123.01
39	21,898	0.00	0.0		123.46
40	23,178	0.00	0.0		124.62
41	27,573	0.00	0.0		128.62

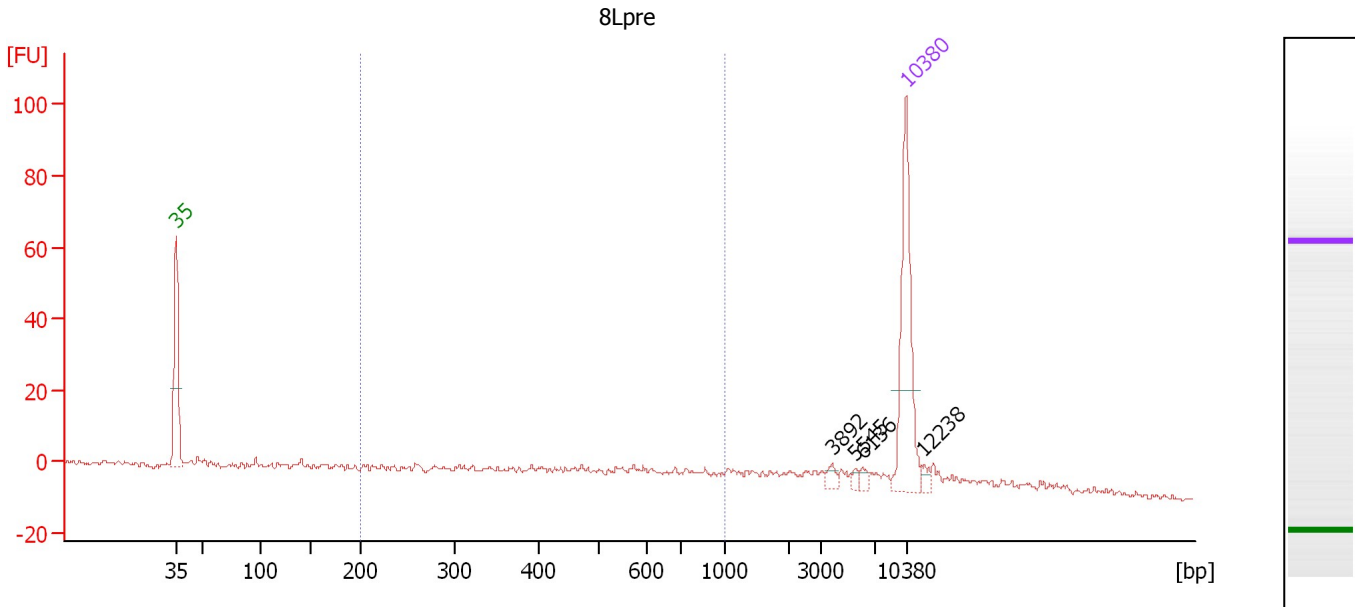
**Region table for sample 5 : 8Rpre**

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	508	629.9	1,929.0	515.14	61	39.3

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-10-27\2016-10-27\_003.xad

Created: 10/27/2016 12:30:05 PM  
 Modified: 10/27/2016 1:10:33 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 6 : 8Lpre**

Number of peaks found: 4                      Corr. Area 1: 88.1  
 Noise: 0.9

**Peak table for sample 6 : 8Lpre**

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	3,892	4.82	1.9		105.89
3	5,545	2.91	0.8		108.04
4	6,136	3.92	1.0		108.81
5	10,380	75.00	10.9	Upper Marker	113.00
6	12,238	0.00	0.0		114.69

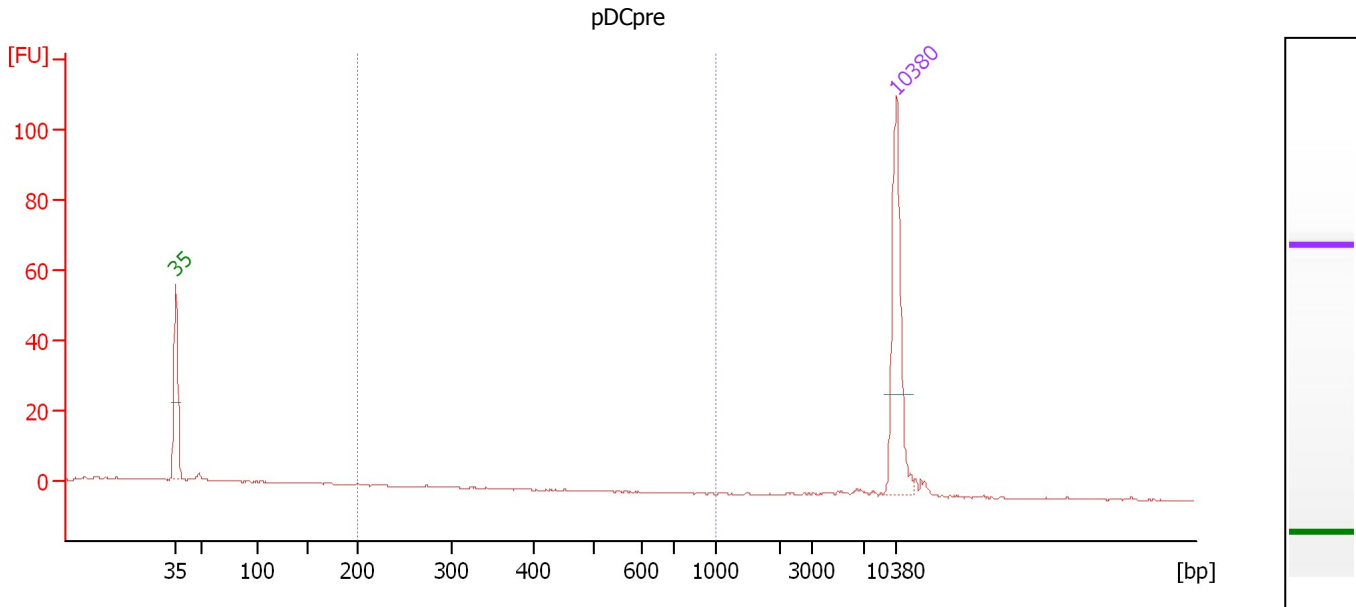
**Region table for sample 6 : 8Lpre**

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	504	88.1	351.9	93.04	41	38.8

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-10-27\2016-10-27\_003.xad

Created: 10/27/2016 12:30:05 PM  
 Modified: 10/27/2016 1:10:33 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 7 : pDCpre**

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

**Peak table for sample 7 : pDCpre**

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 7 : pDCpre**

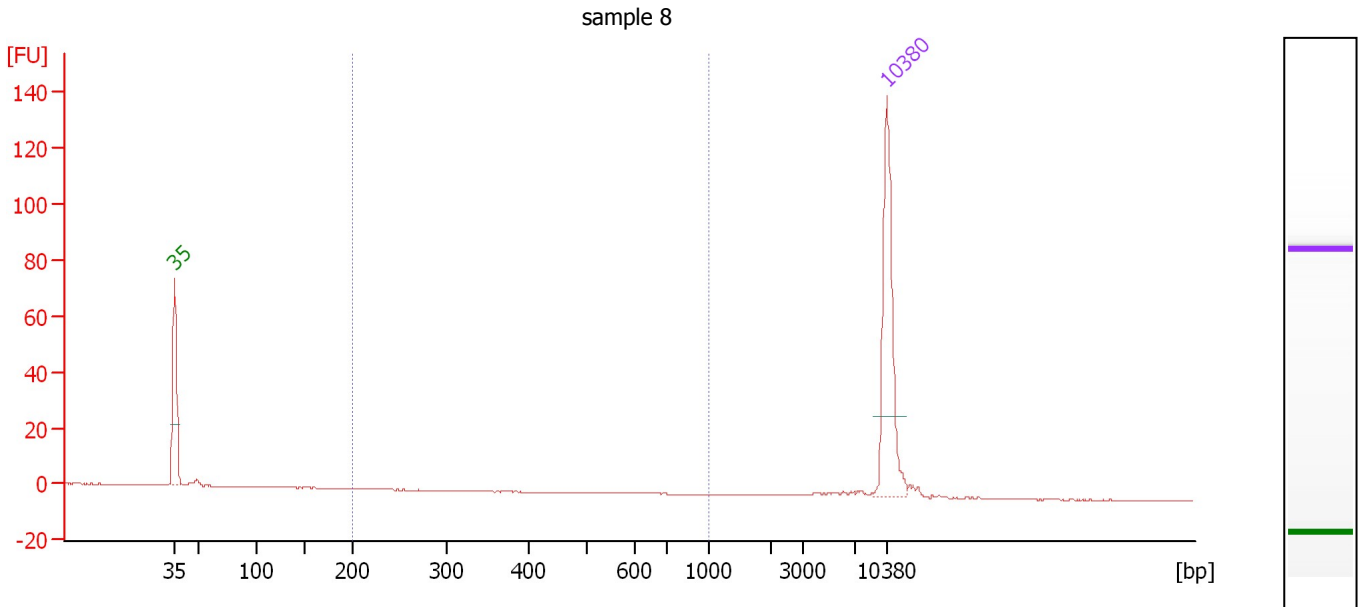
From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	201	0.0	0.0	0.00	0	0.0



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-10-27\2016-10-27\_003.xad

Created: 10/27/2016 12:30:05 PM  
 Modified: 10/27/2016 1:10:33 PM

**Electropherogram Summary Continued ...**



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

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

**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	10,380	75.00	10.9	Upper Marker	113.00

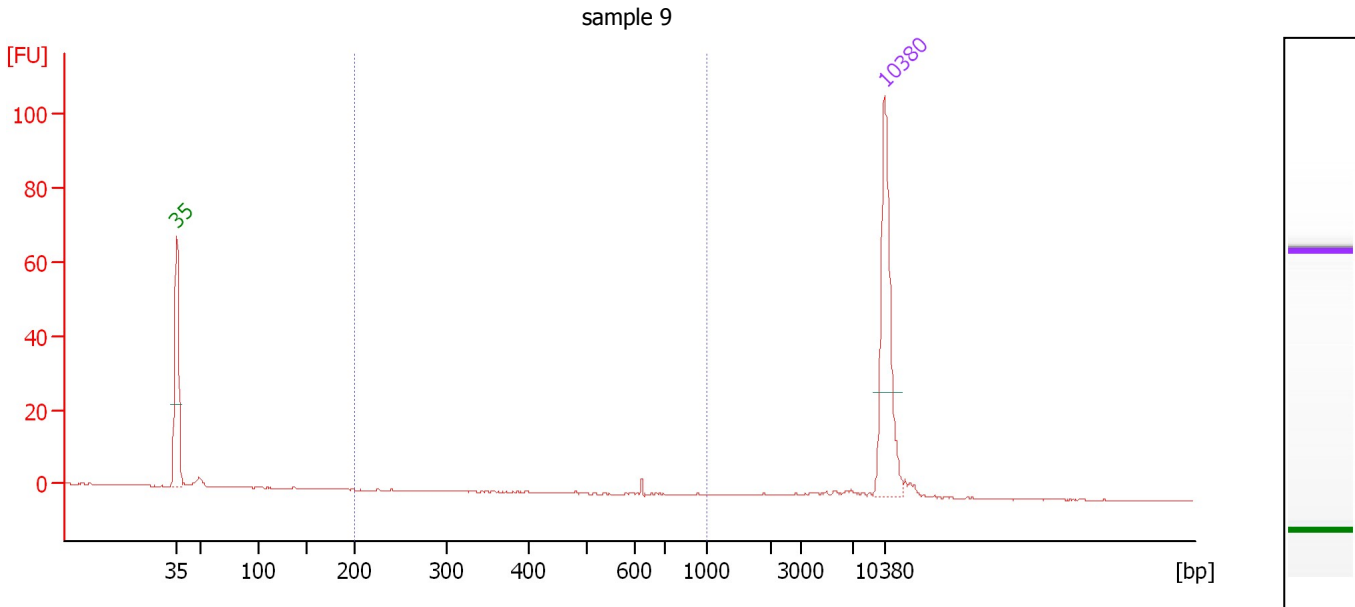
**Region table for sample 8 : sample 8**

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	642	0.0	0.0	0.00	0	0.2

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-10-27\2016-10-27\_003.xad

Created: 10/27/2016 12:30:05 PM  
 Modified: 10/27/2016 1:10:33 PM

**Electropherogram Summary Continued ...**



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

Number of peaks found: 0                      Corr. Area 1: 0.8  
 Noise: 0.1

**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

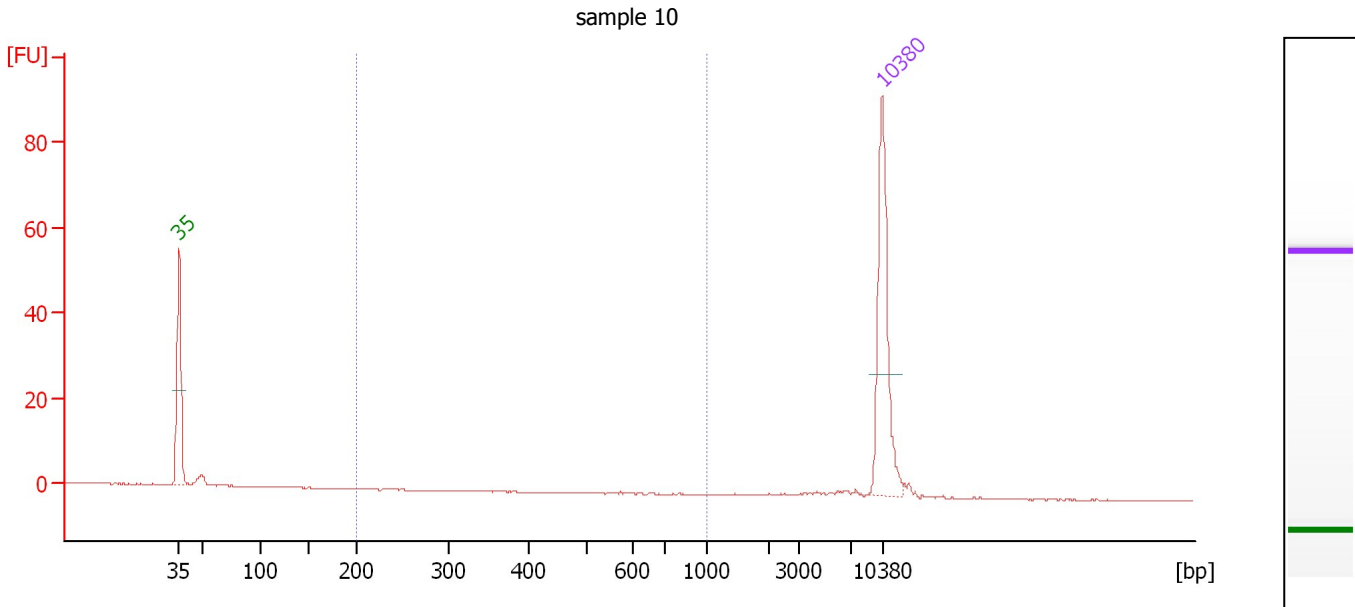
**Region table for sample 9 : sample 9**

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	631	0.8	1.9	0.78	5	10.6

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-10-27\2016-10-27\_003.xad

Created: 10/27/2016 12:30:05 PM  
 Modified: 10/27/2016 1:10:33 PM

**Electropherogram Summary Continued ...**



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

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

**Peak table for sample 10 : sample 10**

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

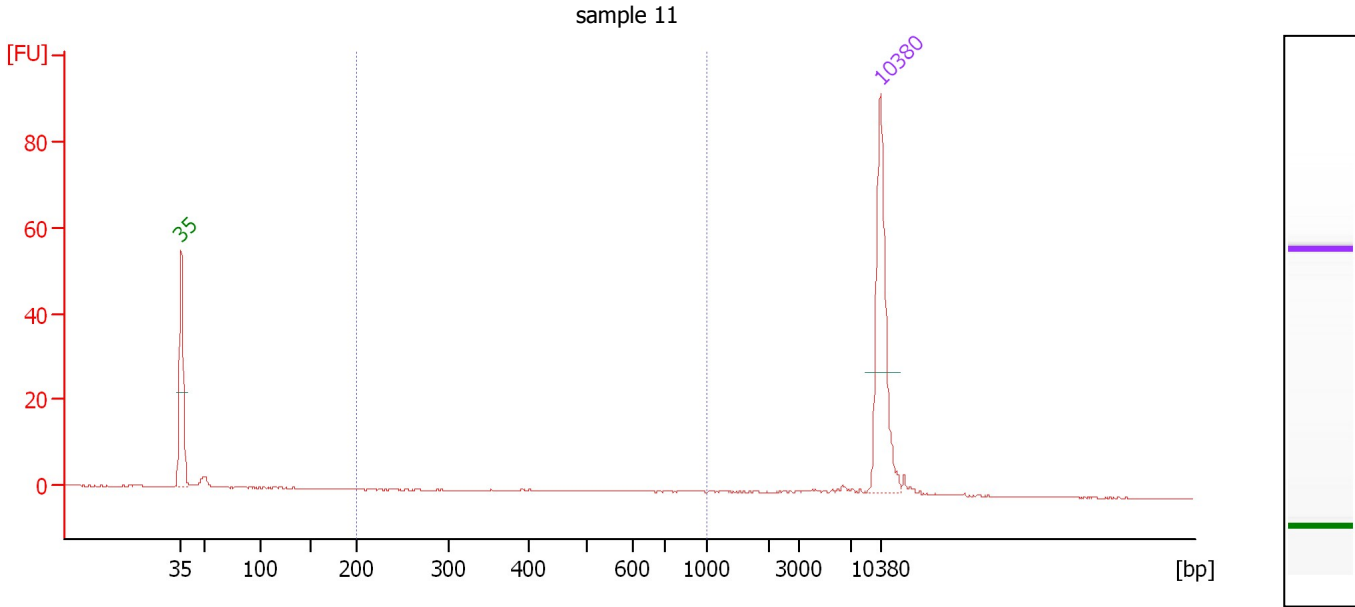
**Region table for sample 10 : sample 10**

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	572	0.0	0.0	0.00	0	0.0

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-10-27\2016-10-27\_003.xad

Created: 10/27/2016 12:30:05 PM  
 Modified: 10/27/2016 1:10:33 PM

**Electropherogram Summary Continued ...**



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

Number of peaks found: 0                      Corr. Area 1: 5.4  
 Noise: 0.1

**Peak table for sample 11 : sample 11**

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

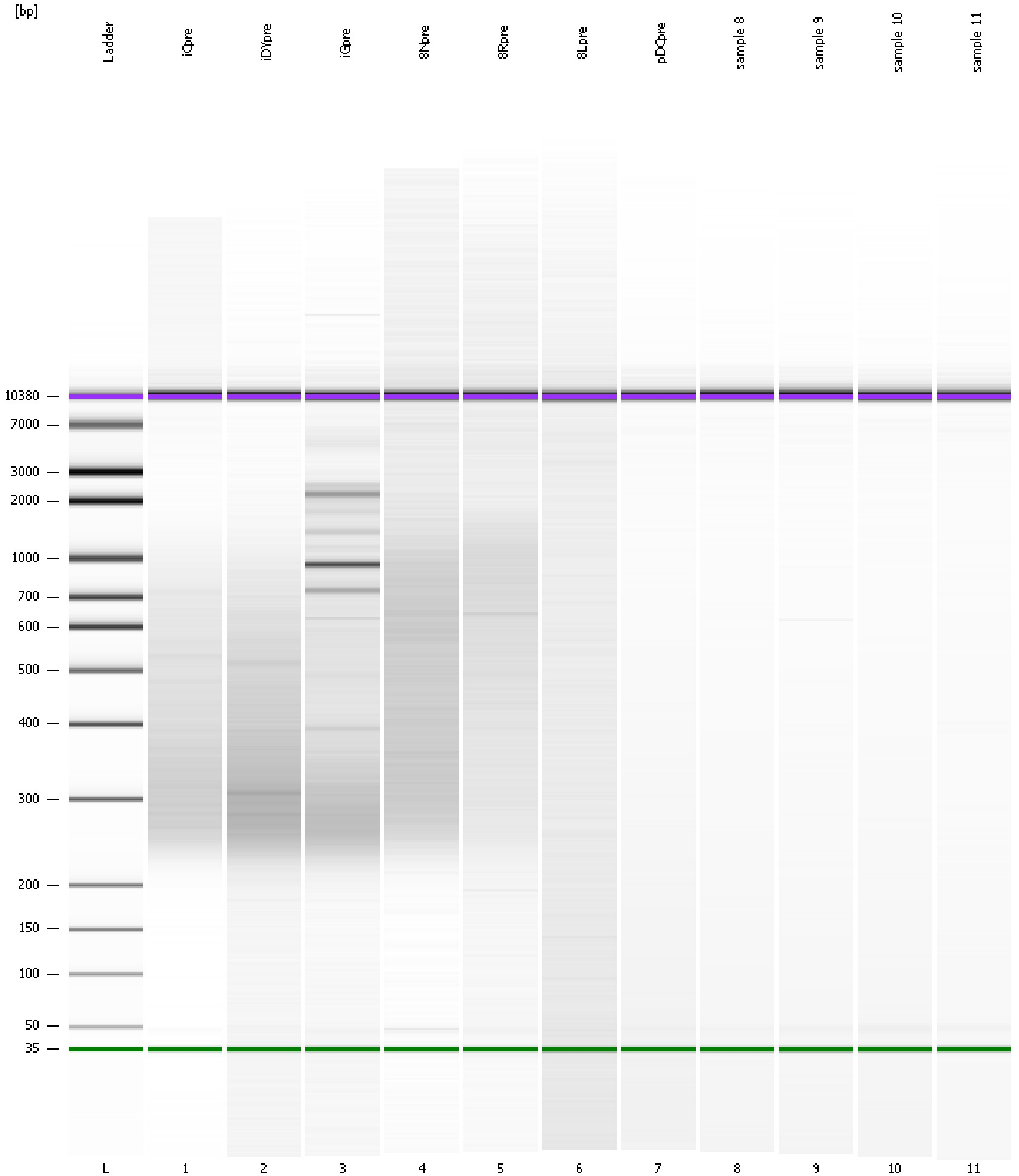
**Region table for sample 11 : sample 11**

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	613	5.4	17.6	6.27	19	29.5

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2016-10-27\2016-10-27\_003.xad

Created: 10/27/2016 12:30:05 PM  
Modified: 10/27/2016 1:10:33 PM

**Gel Image**



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-10-27\2016-10-27\_003.xad

Created: 10/27/2016 12:30:05 PM  
 Modified: 10/27/2016 1:10:33 PM

**Run Logbook**

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run ended on port 1 (Number of wells acquired: 12)		Instrument	Run		10/27/2016 1:10:32 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\data\2016-10-27\2016-10-27_003.xad)		Instrument	Run		10/27/2016 12:30:11 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938B		Instrument	Run		10/27/2016 12:30:11 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		10/27/2016 12:30:11 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		10/27/2016 12:30:11 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE13701086		Instrument	Run		10/27/2016 12:30:11 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		10/27/2016 12:30:11 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		10/27/2016 12:30:11 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1