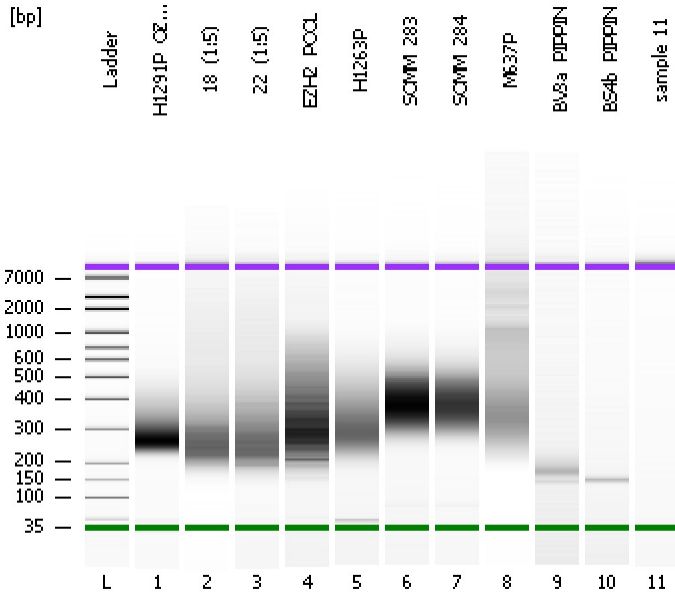


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-14\2018-02-14\_003.xad

Created: 2/14/2018 4:16:05 PM  
Modified: 2/14/2018 5:00:09 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

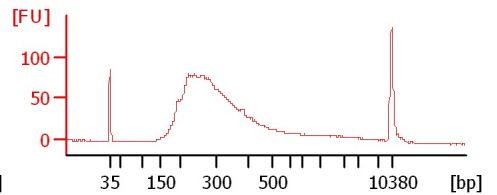
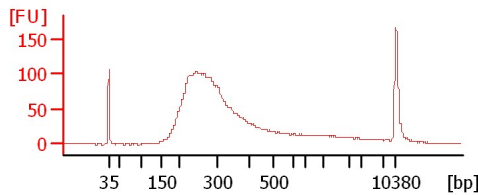
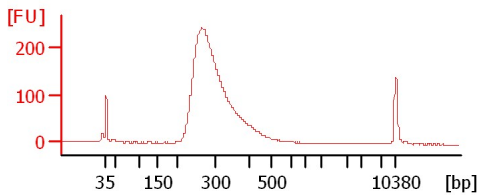
#### Chip Information:

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

H1291P\_OZCAN

18\_(1:5)

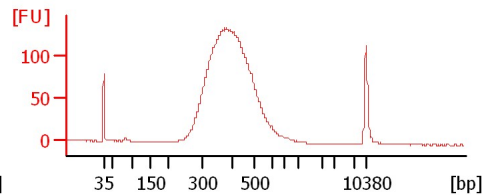
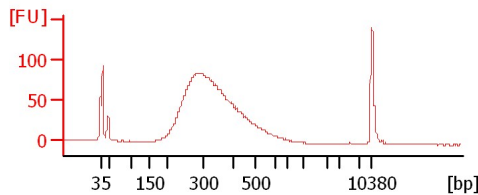
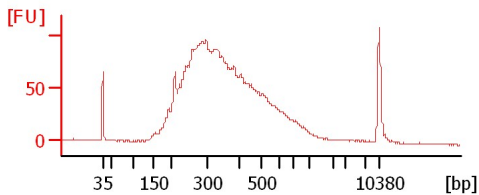
22\_(1:5)



EZH2\_POOL

H1263P

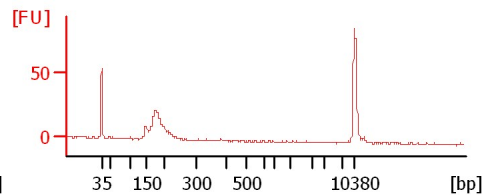
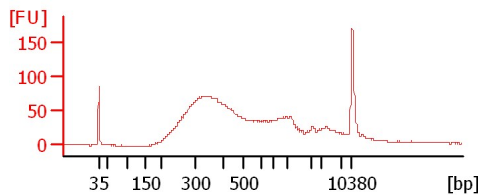
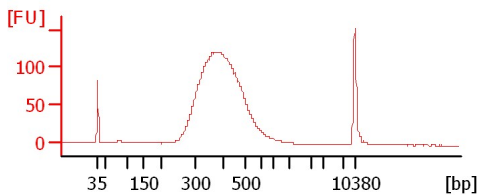
SOMM\_283



SOMM\_284

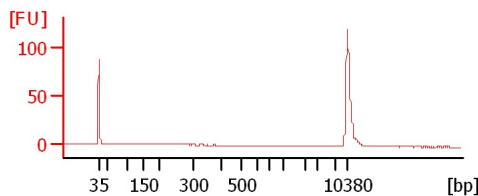
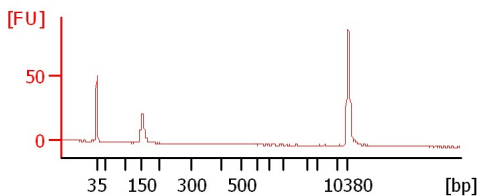
M637P

BV3a\_PIPPIN



BS4b\_PIPPIN

sample 11



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-14\2018-02-14\_003.xad

Created: 2/14/2018 4:16:05 PM  
 Modified: 2/14/2018 5:00:09 PM

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

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
H1291P_OZCAN		<input type="checkbox"/>	✓			
18_(1:5)		<input type="checkbox"/>	✓			
22_(1:5)		<input type="checkbox"/>	✓			
EZH2_POOL		<input type="checkbox"/>	✓			
H1263P		<input type="checkbox"/>	✓			
SOMM_283		<input type="checkbox"/>	✓			
SOMM_284		<input type="checkbox"/>	✓			
M637P		<input type="checkbox"/>	✓			
BV3a_PIPPIN		<input type="checkbox"/>	✓			
BS4b_PIPPIN		<input type="checkbox"/>	✓			
sample 11		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

**Chip Lot #**

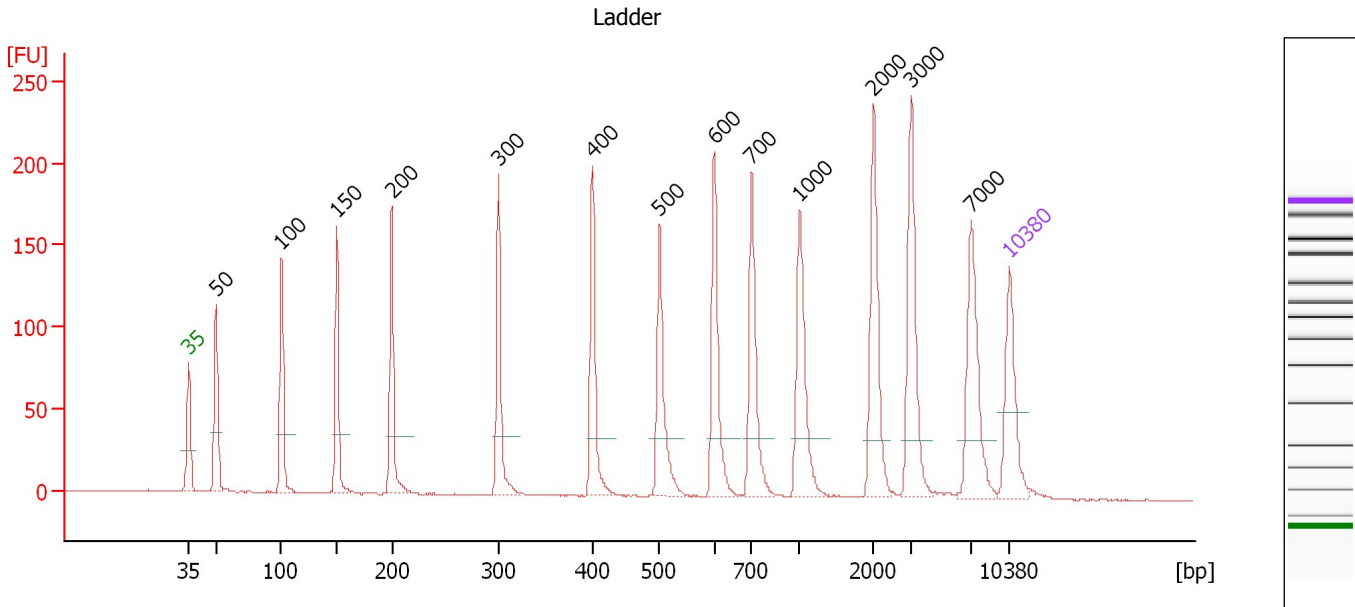
**Reagent Kit Lot #**

**Chip Comments :**

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-14\2018-02-14\_003.xad

Created: 2/14/2018 4:16:05 PM  
 Modified: 2/14/2018 5:00:09 PM

**Electropherogram Summary**



**Overall Results for Ladder**

Noise: 0.4

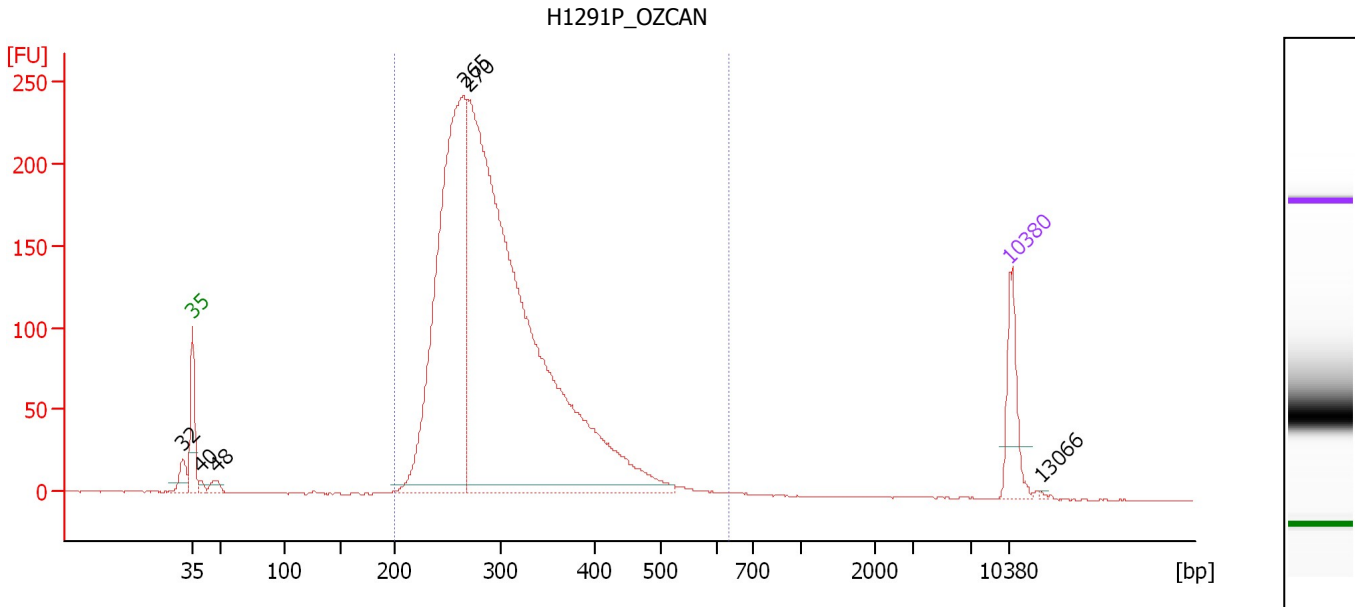
**Peak table for Ladder**

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	45.37
3	100	150.00	2,272.7	Ladder Peak	50.91
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	69.43
7	400	150.00	568.2	Ladder Peak	77.48
8	500	150.00	454.5	Ladder Peak	83.16
9	600	150.00	378.8	Ladder Peak	87.85
10	700	150.00	324.7	Ladder Peak	91.03
11	1,000	150.00	227.3	Ladder Peak	95.12
12	2,000	150.00	113.6	Ladder Peak	101.45
13	3,000	150.00	75.8	Ladder Peak	104.63
14	7,000	150.00	32.5	Ladder Peak	109.73
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-14\2018-02-14\_003.xad

Created: 2/14/2018 4:16:05 PM  
 Modified: 2/14/2018 5:00:09 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 1 : H1291P\_OZCAN**

Number of peaks found: 6                      Corr. Area 1: 3,240.9  
 Noise: 0.4

**Peak table for sample 1 : H1291P\_OZCAN**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	32	0.00	0.0		42.18
2	35	125.00	5,411.3	Lower Marker	43.00
3	40	10.84	414.4		43.73
4	48	20.27	643.2		45.01
5	265	1,123.65	6,424.6		66.24
6	270	2,177.27	12,240.2		66.65
7	10,380	75.00	10.9	Upper Marker	113.00
8	13,066	0.00	0.0		115.60

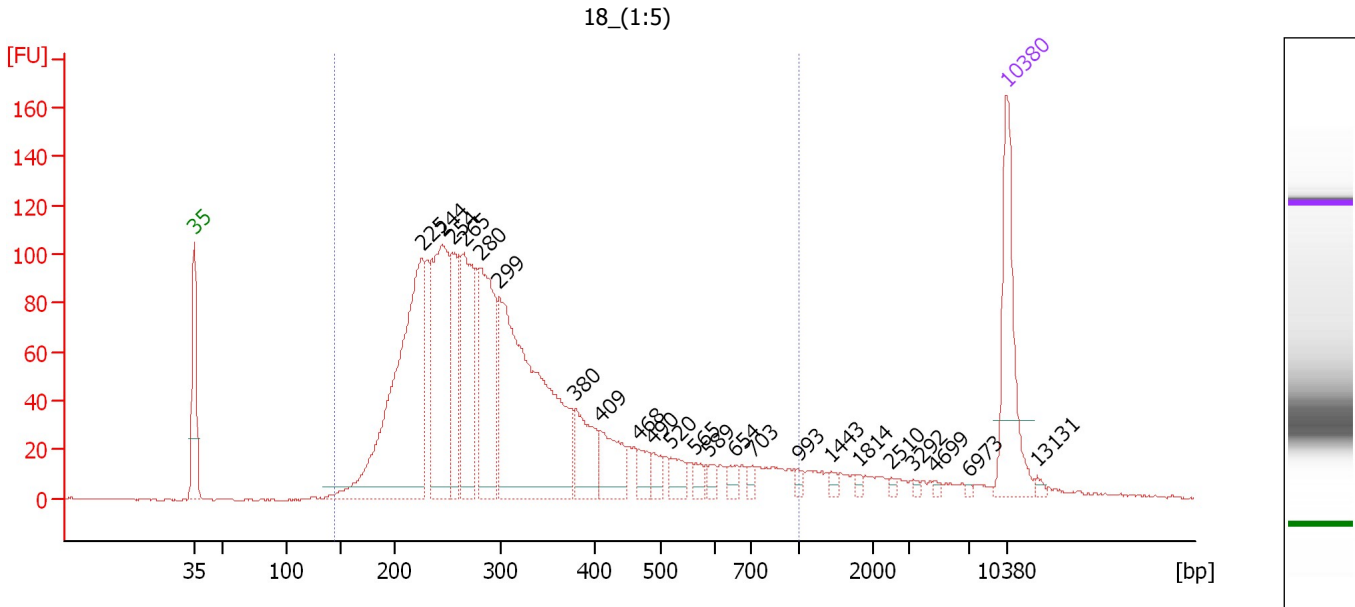
**Region table for sample 1 : H1291P\_OZCAN**

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]
200	633	302	3,240.9	3,135.15	16,413.3	98	19.8

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-14\2018-02-14\_003.xad

Created: 2/14/2018 4:16:05 PM  
 Modified: 2/14/2018 5:00:09 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 2 : 18 (1:5)**

Number of peaks found: 23                      Corr. Area 1: 2,394.0  
 Noise: 0.4

**Peak table for sample 2 : 18 (1:5)**


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	225	363.29	2,449.3		62.58
3	244	208.00	1,291.9		64.33
4	254	79.68	475.3		65.25
5	265	130.43	746.7		66.21
6	280	154.93	838.9		67.59
7	299	367.30	1,864.3		69.29
8	380	55.57	221.6		75.86
9	409	45.01	166.8		77.98
10	468	16.53	53.5		81.33
11	490	14.84	45.9		82.57
12	520	16.34	47.6		84.09
13	565	9.67	25.9		86.20
14	589	8.14	20.9		87.35
15	654	9.00	20.9		89.56
16	703	5.40	11.6		91.08
17	993	4.56	7.0		95.03
18	1,443	4.25	4.5		97.92
19	1,814	2.59	2.2		100.27
20	2,510	2.55	1.5		103.07
21	3,292	1.78	0.8		105.00
22	4,699	2.09	0.7		106.80
23	6,973	1.40	0.3		109.69
24	10,380	75.00	10.9	Upper Marker	113.00
25	13,131	0.00	0.0		115.67

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-14\2018-02-14\_003.xad

Created: 2/14/2018 4:16:05 PM  
Modified: 2/14/2018 5:00:09 PM

**Electropherogram Summary Continued ...**

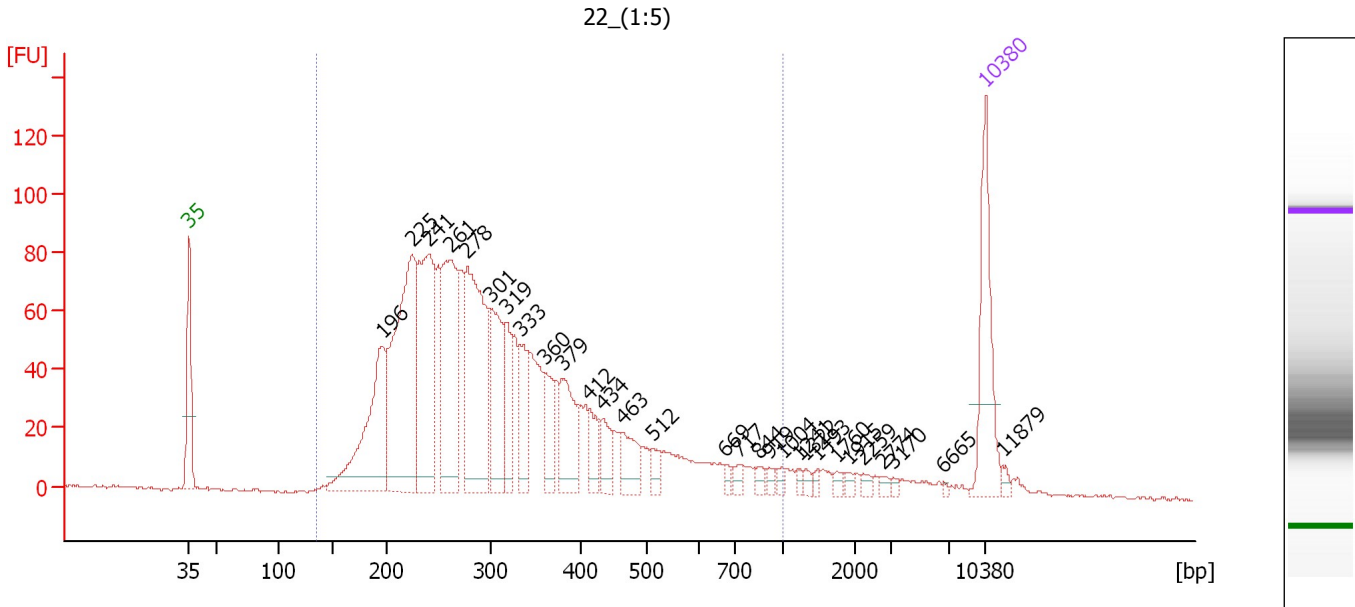
... Region table for sample 2 : 18 (1:5)

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/ $\mu$ l]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
144	1,000	328	2,394.0	1,661.12	9,054.8	 93	42.9

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-14\2018-02-14\_003.xad

Created: 2/14/2018 4:16:05 PM  
 Modified: 2/14/2018 5:00:09 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 3 : 22 (1:5)**

Number of peaks found: 29                      Corr. Area 1: 2,042.5  
 Noise: 0.5

**Peak table for sample 3 : 22 (1:5)**

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	196	183.51	1,421.7		59.91
3	225	303.30	2,044.3		62.59
4	241	204.80	1,288.8		64.04
5	261	186.00	1,078.2		65.91
6	278	228.16	1,241.9		67.46
7	301	99.06	498.4		69.52
8	319	53.24	253.2		70.93
9	333	48.45	220.3		72.10
10	360	40.97	172.5		74.25
11	379	69.23	277.1		75.75
12	412	26.20	96.2		78.19
13	434	27.23	95.1		79.41
14	463	33.41	109.4		81.05
15	512	14.28	42.3		83.72
16	669	5.92	13.4		90.04
17	717	7.46	15.8		91.26
18	844	7.30	13.1		92.99
19	919	4.78	7.9		94.02
20	1,004	5.25	7.9		95.15
21	1,241	3.85	4.7		96.65
22	1,322	4.76	5.5		97.16
23	1,493	3.49	3.5		98.24
24	1,760	4.65	4.0		99.93
25	1,915	3.73	3.0		100.91

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-14\2018-02-14\_003.xad

Created: 2/14/2018 4:16:05 PM  
 Modified: 2/14/2018 5:00:09 PM

### Electropherogram Summary Continued ...

#### ... Peak table for sample 3 : 22 (1:5)

Peak	Size [bp]	Conc. [pg/ $\mu$ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	2,259	4.46	3.0		102.27
27	2,774	3.82	2.1		103.91
28	3,170	2.79	1.3		104.85
29	6,665	1.75	0.4		109.30
30	10,380	75.00	10.9	Upper Marker	113.00
31	11,879	0.00	0.0		114.45

#### Region table for sample 3 : 22 (1:5)

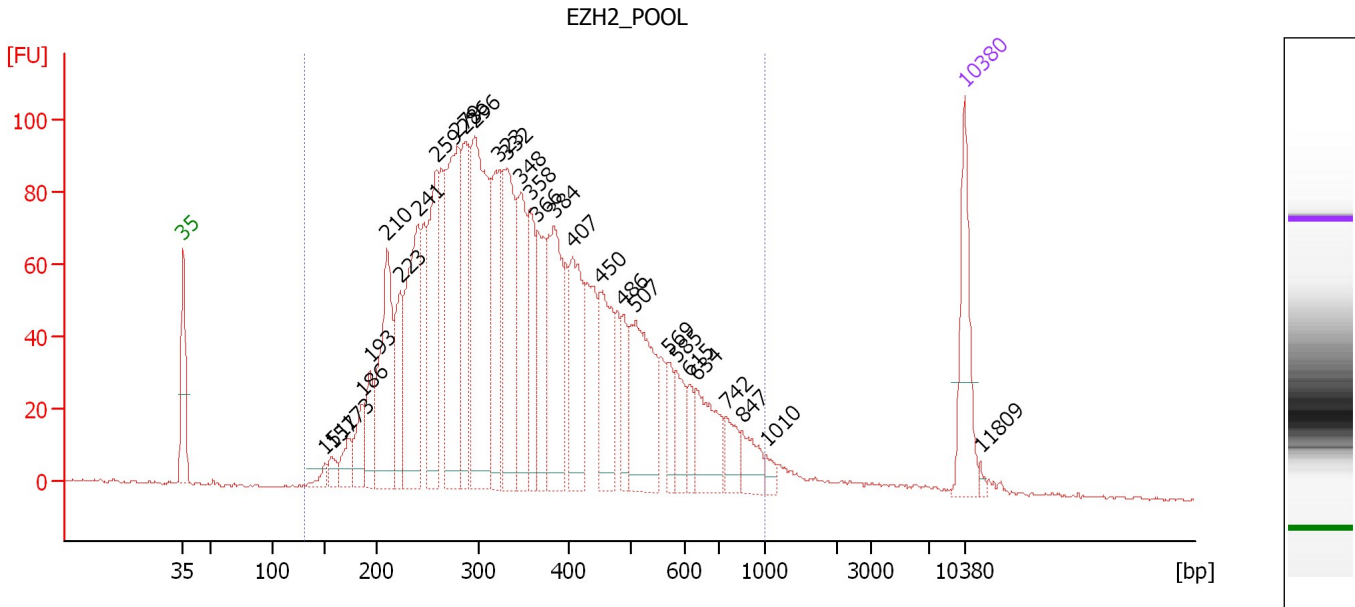
From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/ $\mu$ l]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
134	1,000	328	2,042.5	1,934.86	10,553.6	94	41.4



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-14\2018-02-14\_003.xad

Created: 2/14/2018 4:16:05 PM  
 Modified: 2/14/2018 5:00:09 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 4 : EZH2\_POOL**

Number of peaks found: 30                      Corr. Area 1: 2,840.5  
 Noise: 0.4

**Peak table for sample 4 : EZH2\_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	151	14.67	147.6		55.70
3	157	20.12	193.9		56.32
4	173	35.28	309.8		57.75
5	186	47.58	387.0		59.04
6	193	56.58	443.3		59.71
7	210	193.22	1,394.0		61.24
8	223	99.87	678.2		62.43
9	241	219.34	1,379.1		64.06
10	259	167.97	981.3		65.73
11	279	257.38	1,396.3		67.54
12	286	140.13	742.0		68.16
13	296	327.11	1,673.9		69.07
14	323	124.91	585.1		71.32
15	332	183.53	838.2		71.98
16	348	133.12	580.0		73.27
17	358	98.61	417.5		74.08
18	366	91.16	377.8		74.71
19	384	175.81	693.8		76.19
20	407	124.87	465.2		77.86
21	450	110.36	371.3		80.34
22	486	43.96	137.1		82.35
23	507	154.79	462.6		83.49
24	569	26.78	71.3		86.40
25	585	41.71	107.9		87.17

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-14\2018-02-14\_003.xad

Created: 2/14/2018 4:16:05 PM  
 Modified: 2/14/2018 5:00:09 PM

### Electropherogram Summary Continued ...

#### ... Peak table for sample 4 : EZH2\_POOL

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	615	24.47	60.3		88.31
27	634	72.57	173.4		88.93
28	742	28.62	58.4		91.61
29	847	32.12	57.4		93.04
30	1,010	9.24	13.9		95.19
31	10,380	75.00	10.9	Upper Marker	113.00
32	11,809	0.00	0.0		114.38

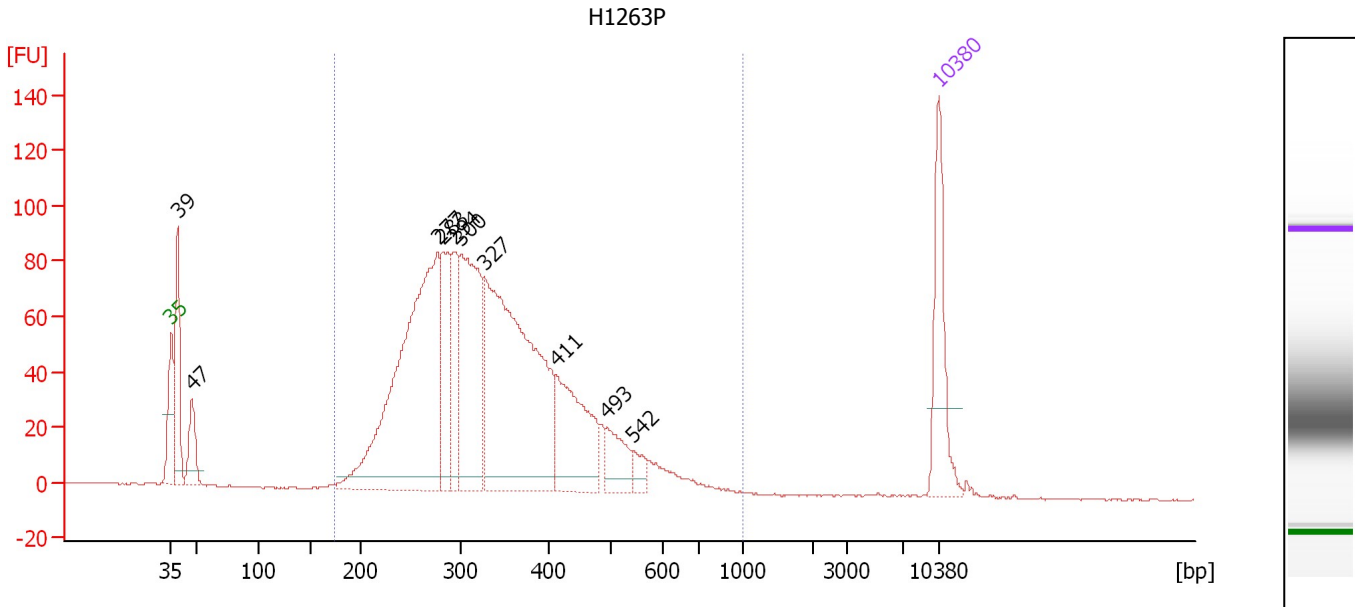
#### Region table for sample 4 : EZH2\_POOL

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
131	1,000	372	2,840.5	3,460.87	16,830.5	97	38.6

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-14\2018-02-14\_003.xad

Created: 2/14/2018 4:16:05 PM  
 Modified: 2/14/2018 5:00:09 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 5 : H1263P**

Number of peaks found: 10                      Corr. Area 1: 1,885.1  
 Noise: 0.3

**Peak table for sample 5 : H1263P**

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	39	126.49	4,952.3		43.58
3	47	57.64	1,845.3		44.94
4	277	497.52	2,724.5		67.31
5	283	107.44	576.1		67.84
6	294	77.13	397.8		68.86
7	300	228.13	1,151.3		69.44
8	327	465.99	2,160.5		71.58
9	411	139.26	513.5		78.10
10	493	45.20	138.9		82.76
11	542	16.59	46.3		85.15
12	10,380	75.00	10.9	Upper Marker	113.00

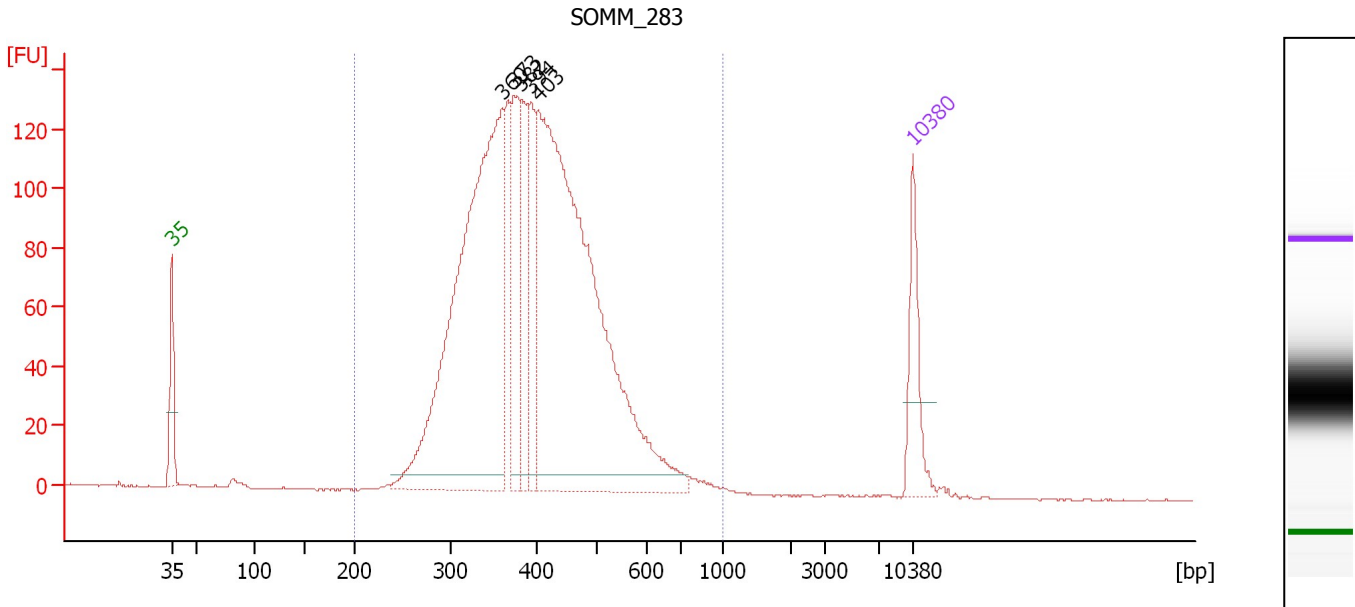
**Region table for sample 5 : H1263P**

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
174	1,000	342	1,885.1	1,613.41	7,807.2	92	27.6

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-14\2018-02-14\_003.xad

Created: 2/14/2018 4:16:05 PM  
 Modified: 2/14/2018 5:00:09 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 6 : SOMM\_283**

Number of peaks found: 5                      Corr. Area 1: 2,435.5  
 Noise: 0.3

**Peak table for sample 6 : SOMM\_283**

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	360	925.68	3,900.5		74.22
3	373	182.27	739.7		75.33
4	382	130.47	517.4		76.04
5	394	125.88	484.1		76.99
6	403	1,092.77	4,108.5		77.65
7	10,380	75.00	10.9	Upper Marker	113.00

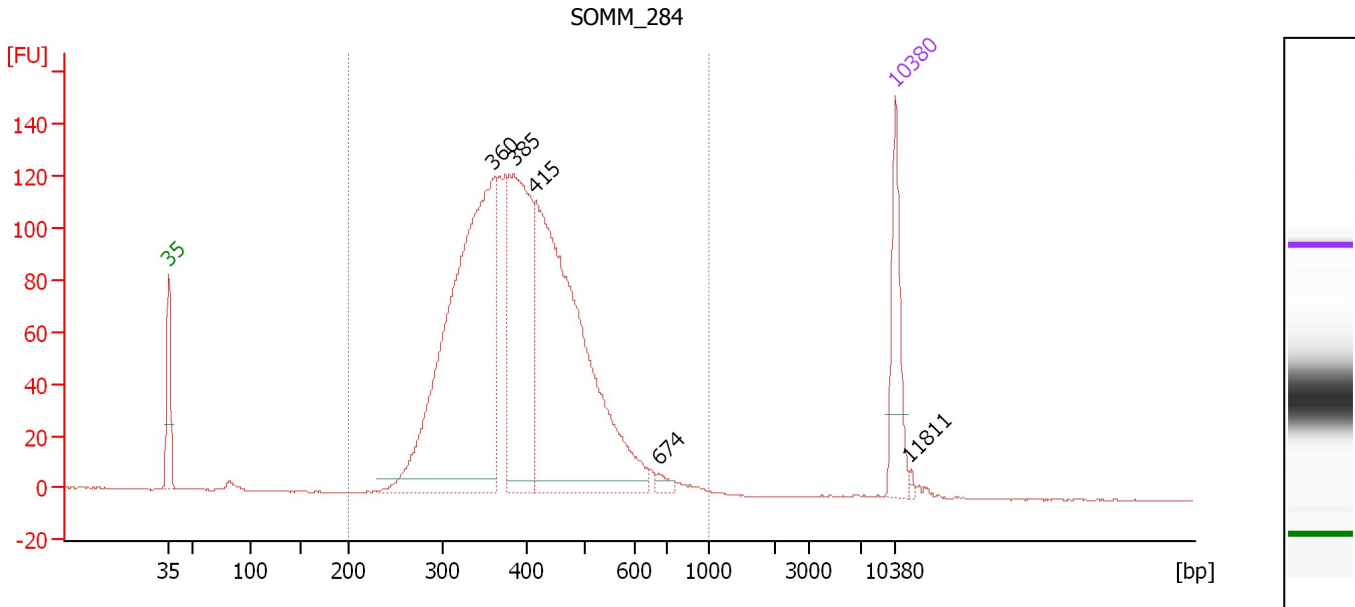
**Region table for sample 6 : SOMM\_283**

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	406	2,435.5	2,628.24	10,369.6	99	21.9

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-14\2018-02-14\_003.xad

Created: 2/14/2018 4:16:05 PM  
 Modified: 2/14/2018 5:00:09 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 7 : SOMM\_284**

Number of peaks found: 5                      Corr. Area 1: 2,212.3  
 Noise: 0.2

**Peak table for sample 7 : SOMM\_284**

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	360	726.21	3,054.4		74.28
3	385	336.03	1,322.0		76.28
4	415	637.12	2,325.7		78.33
5	674	9.72	21.9		90.20
6	10,380	75.00	10.9	Upper Marker	113.00
7	11,811	0.00	0.0		114.39

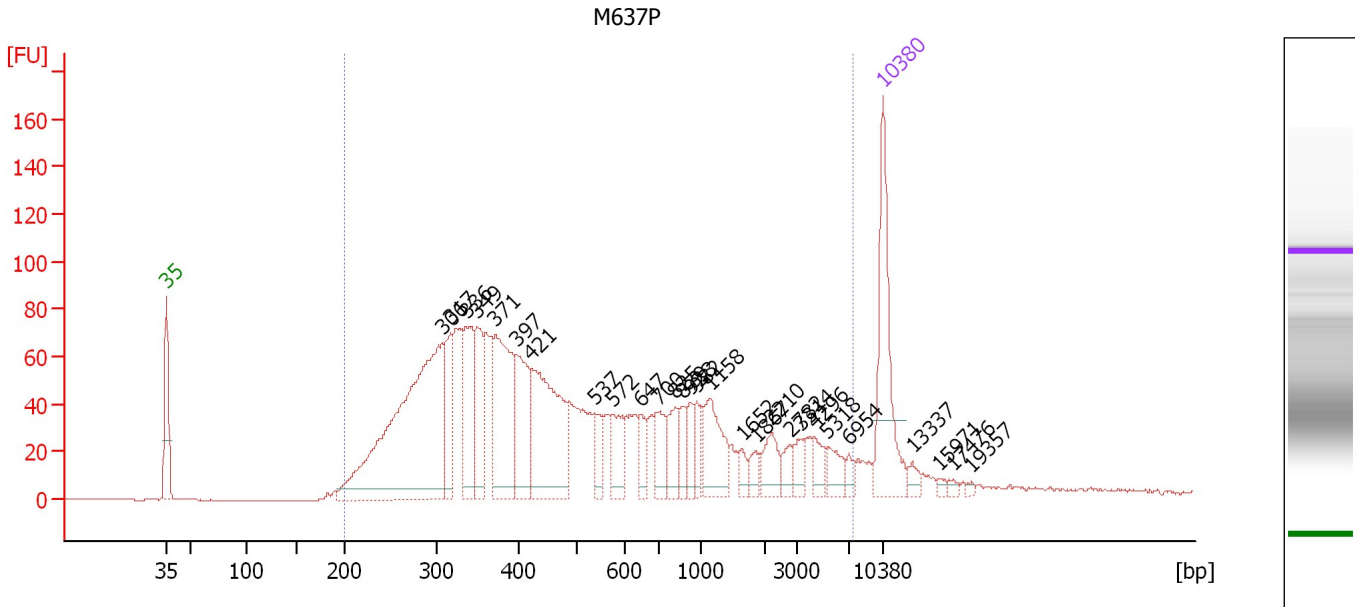
**Region table for sample 7 : SOMM\_284**

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	404	2,212.3	1,897.36	7,526.8	99	21.9

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-14\2018-02-14\_003.xad

Created: 2/14/2018 4:16:05 PM  
 Modified: 2/14/2018 5:00:09 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 8 : M637P**

Number of peaks found: 28                      Corr. Area 1: 2,291.4  
 Noise: 0.3

**Peak table for sample 8 : M637P**

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	306	345.70	1,710.5		69.93
3	317	50.91	243.7		70.76
4	336	72.26	325.9		72.32
5	349	56.07	243.5		73.36
6	371	114.08	466.0		75.14
7	397	67.68	258.0		77.27
8	421	134.70	484.7		78.68
9	537	17.88	50.5		84.88
10	572	29.77	78.8		86.54
11	647	20.36	47.7		89.35
12	700	28.40	61.5		91.02
13	825	23.71	43.5		92.74
14	879	15.96	27.5		93.47
15	928	17.14	28.0		94.15
16	982	15.60	24.1		94.88
17	1,158	44.10	57.7		96.13
18	1,652	7.81	7.2		99.25
19	1,867	9.00	7.3		100.60
20	2,210	18.92	13.0		102.11
21	2,782	10.54	5.7		103.94
22	3,314	11.20	5.1		105.03
23	4,296	11.20	3.9		106.28
24	5,318	14.90	4.2		107.58
25	6,954	6.42	1.4		109.67

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-14\2018-02-14\_003.xad

Created: 2/14/2018 4:16:05 PM  
Modified: 2/14/2018 5:00:09 PM

**Electropherogram Summary Continued ...**

**... Peak table for sample 8 : M637P**

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	13,337	0.00	0.0		115.86
28	15,971	0.00	0.0		118.42
29	17,476	0.00	0.0		119.88
30	19,357	0.00	0.0		121.70

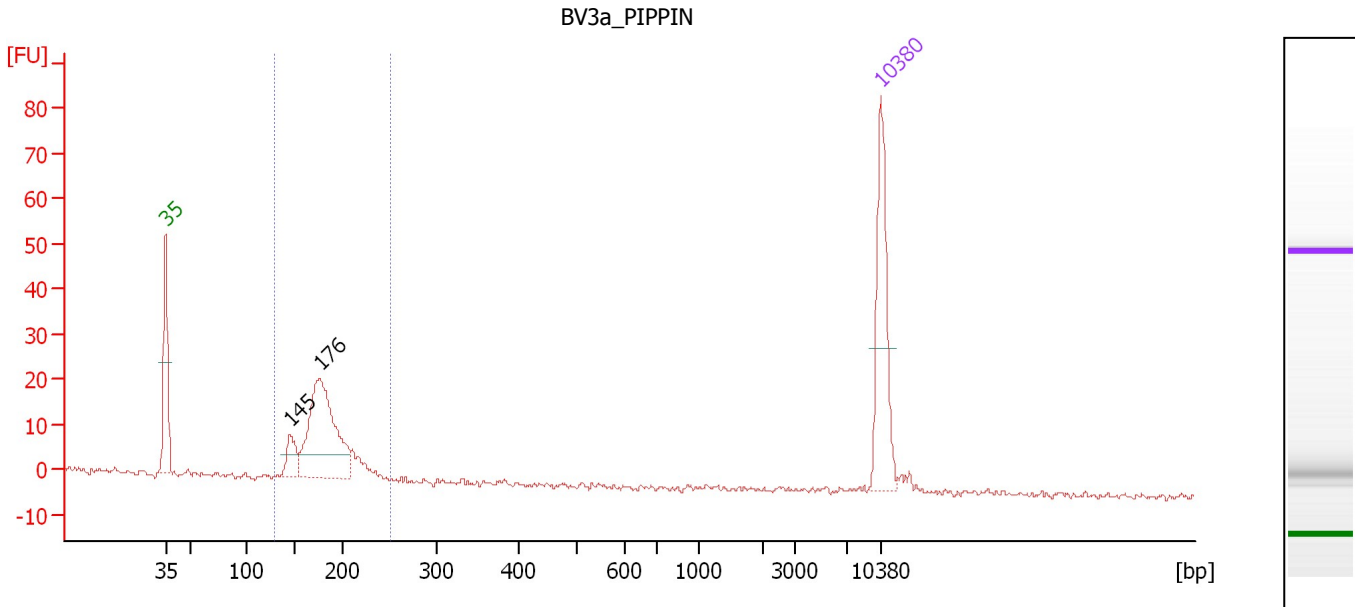
**Region table for sample 8 : M637P**

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	7,428	866	2,291.4	1,411.58	5,278.8	96	100.0

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-14\2018-02-14\_003.xad

Created: 2/14/2018 4:16:05 PM  
 Modified: 2/14/2018 5:00:09 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 9 : BV3a\_PIPPIN**

Number of peaks found: 2                      Corr. Area 1: 136.0  
 Noise: 0.6

**Peak table for sample 9 : BV3a\_PIPPIN**

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	145	29.24	305.9		55.15
3	176	182.04	1,567.7		58.07
4	10,380	75.00	10.9	Upper Marker	113.00

**Region table for sample 9 : BV3a\_PIPPIN**

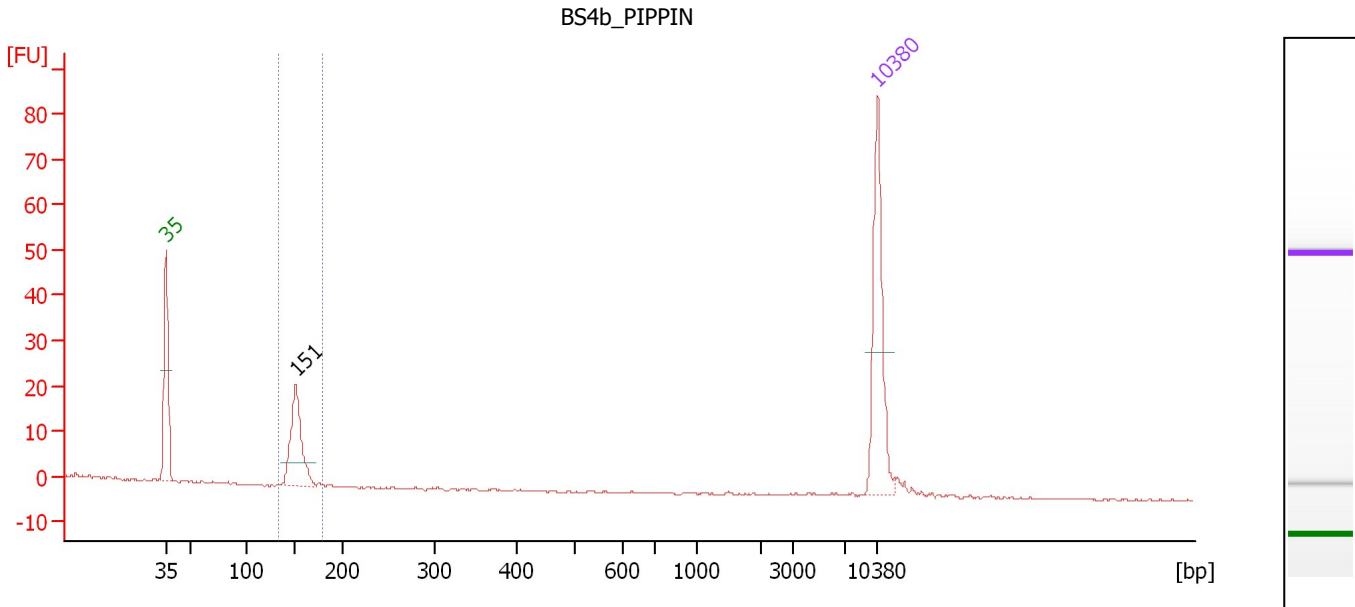
From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
129	251	180	136.0	218.44	1,867.2	94	11.1



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-14\2018-02-14\_003.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 10 : BS4b\_PIPPIN**

Number of peaks found: 1                      Corr. Area 1: 41.5  
 Noise: 0.2

**Peak table for sample 10 : BS4b\_PIPPIN**

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	151	88.02	882.4		55.75
3	10,380	75.00	10.9	Upper Marker	113.00

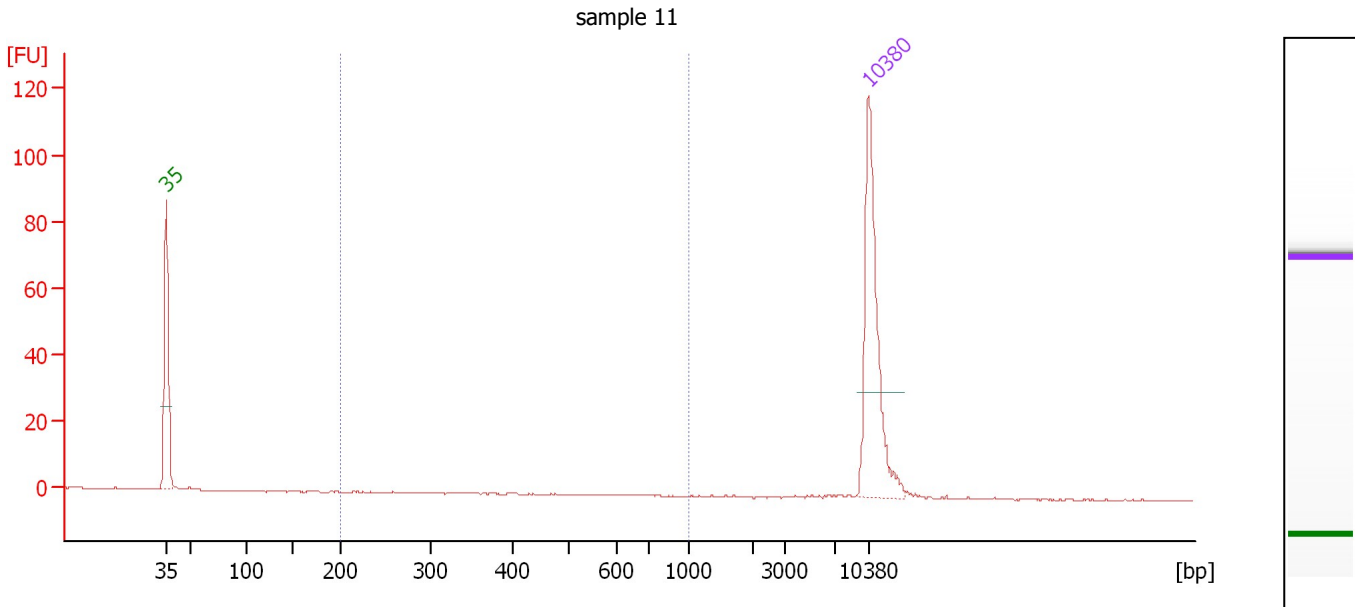
**Region table for sample 10 : BS4b\_PIPPIN**

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
133	180	152	41.5	76.13	761.7	91	3.4

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-14\2018-02-14\_003.xad

Created: 2/14/2018 4:16:05 PM  
 Modified: 2/14/2018 5:00:09 PM

**Electropherogram Summary Continued ...**



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

Number of peaks found: 0                      Corr. Area 1: 0.0  
 Noise: 0.2

**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	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	0	0.0	0.00	0.0	0	0.0

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-14\2018-02-14\_003.xad

Created: 2/14/2018 4:16:05 PM  
Modified: 2/14/2018 5:00:09 PM

**Gel Image**

