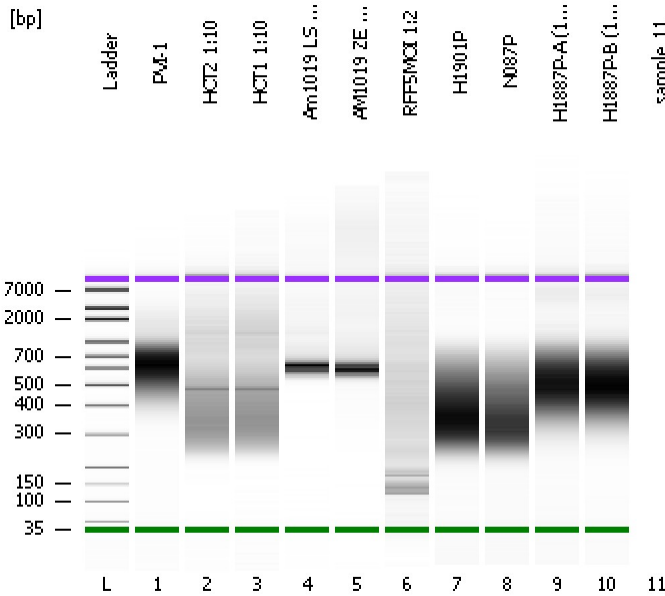


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2019-10-03\2019-10-03\_001.xad

Created: 10/3/2019 1:08:47 PM  
Modified: 10/3/2019 2:23:17 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

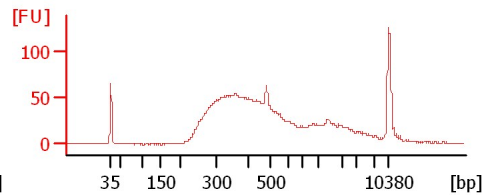
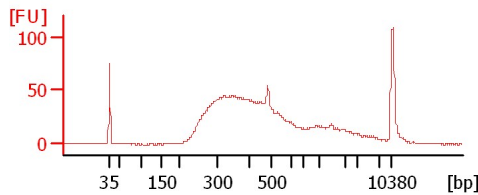
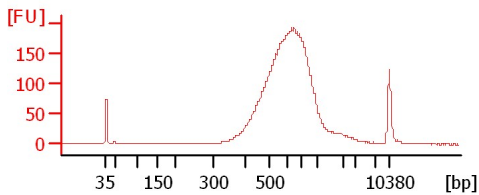
Chip Information:

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

**PVI-1**

**HCT2 1:10**

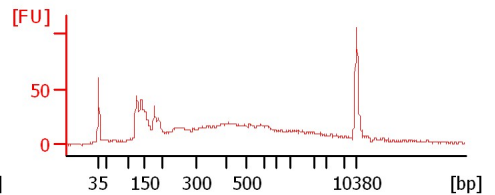
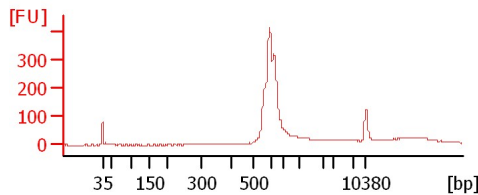
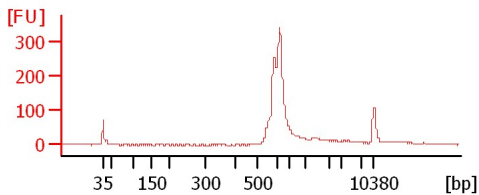
**HCT1 1:10**



**Am1019 LS 1:2**

**AM1019 ZE 1:3**

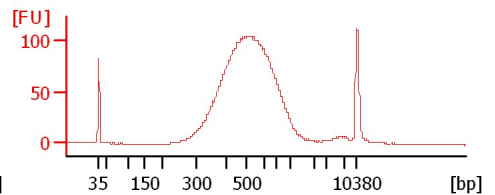
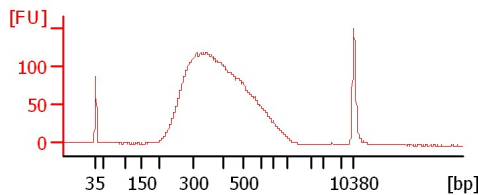
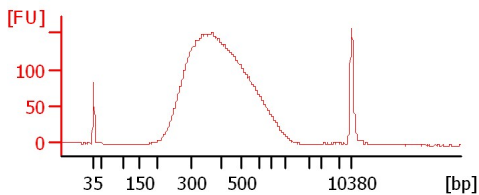
**RFF5MOI 1:2**



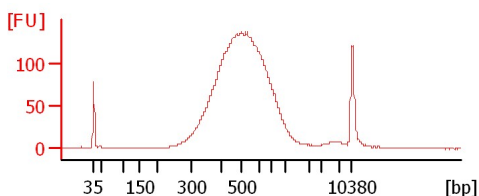
**H1901P**

**N087P**

**H1887P-A (1:6)**



**H1887P-B (1:6)**



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-10-03\2019-10-03\_001.xad

Created: 10/3/2019 1:08:47 PM  
 Modified: 10/3/2019 2:23:17 PM

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

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
PVI-1		<input type="checkbox"/>	✓			
HCT2 1:10		<input type="checkbox"/>	✓			
HCT1 1:10		<input type="checkbox"/>	✓			
Am1019 LS 1:2		<input type="checkbox"/>	✓			
AM1019 ZE 1:3		<input type="checkbox"/>	✓			
RFF5MOI 1:2		<input type="checkbox"/>	✓			
H1901P		<input type="checkbox"/>	✓			
N087P		<input type="checkbox"/>	✓			
H1887P-A (1:6)		<input type="checkbox"/>	✓			
H1887P-B (1:6)		<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\2019-10-03\2019-10-03\_001.xad

Created: 10/3/2019 1:08:47 PM  
Modified: 10/3/2019 2:23:17 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

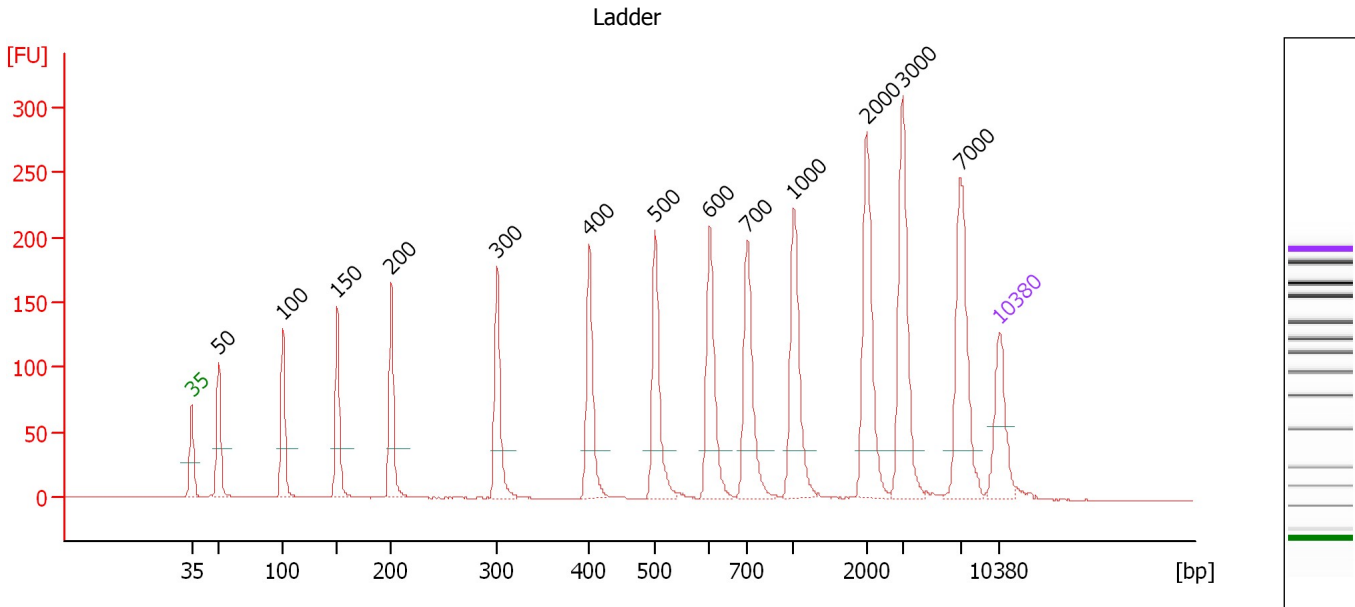
### Ladder

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\2019-10-03\2019-10-03\_001.xad

Created: 10/3/2019 1:08:47 PM  
 Modified: 10/3/2019 2:23:17 PM

**Electropherogram Summary**



**Overall Results for Ladder**

Noise: 0.1

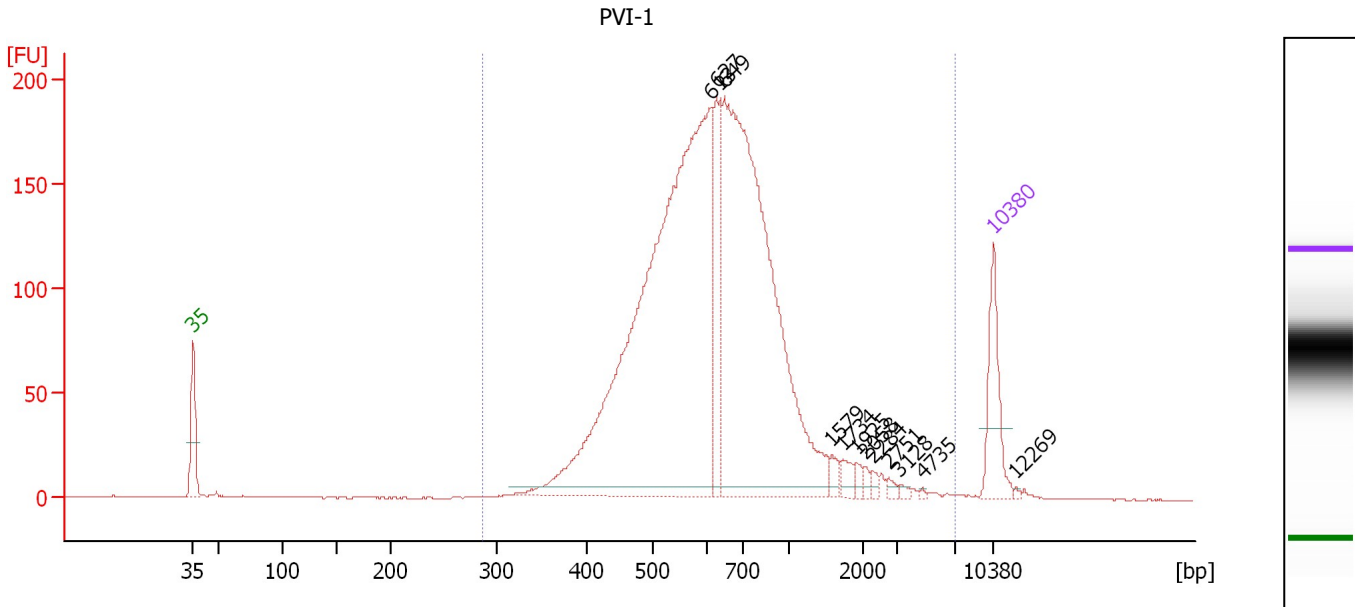
**Peak table for Ladder**

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	45.31
3	100	150.00	2,272.7	Ladder Peak	50.90
4	150	150.00	1,515.2	Ladder Peak	55.61
5	200	150.00	1,136.4	Ladder Peak	60.28
6	300	150.00	757.6	Ladder Peak	69.48
7	400	150.00	568.2	Ladder Peak	77.47
8	500	150.00	454.5	Ladder Peak	83.15
9	600	150.00	378.8	Ladder Peak	87.86
10	700	150.00	324.7	Ladder Peak	91.15
11	1,000	150.00	227.3	Ladder Peak	95.17
12	2,000	150.00	113.6	Ladder Peak	101.50
13	3,000	150.00	75.8	Ladder Peak	104.59
14	7,000	150.00	32.5	Ladder Peak	109.58
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-10-03\2019-10-03\_001.xad

Created: 10/3/2019 1:08:47 PM  
 Modified: 10/3/2019 2:23:17 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 1 : PVI-1**

Number of peaks found: 12                      Corr. Area 1: 2,909.4  
 Noise: 0.2

**Peak table for sample 1 : PVI-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	613	1,272.24	3,143.3		88.30
3	627	131.95	318.6		88.77
4	649	960.52	2,243.2		89.46
5	1,579	12.00	11.5		98.83
6	1,734	15.33	13.4		99.81
7	1,925	8.88	7.0		101.02
8	2,058	6.00	4.4		101.68
9	2,284	6.24	4.1		102.37
10	2,751	5.75	3.2		103.82
11	3,128	3.99	1.9		104.75
12	4,735	1.53	0.5		106.75
13	10,380	75.00	10.9	Upper Marker	113.00
14	12,269	0.00	0.0		114.91

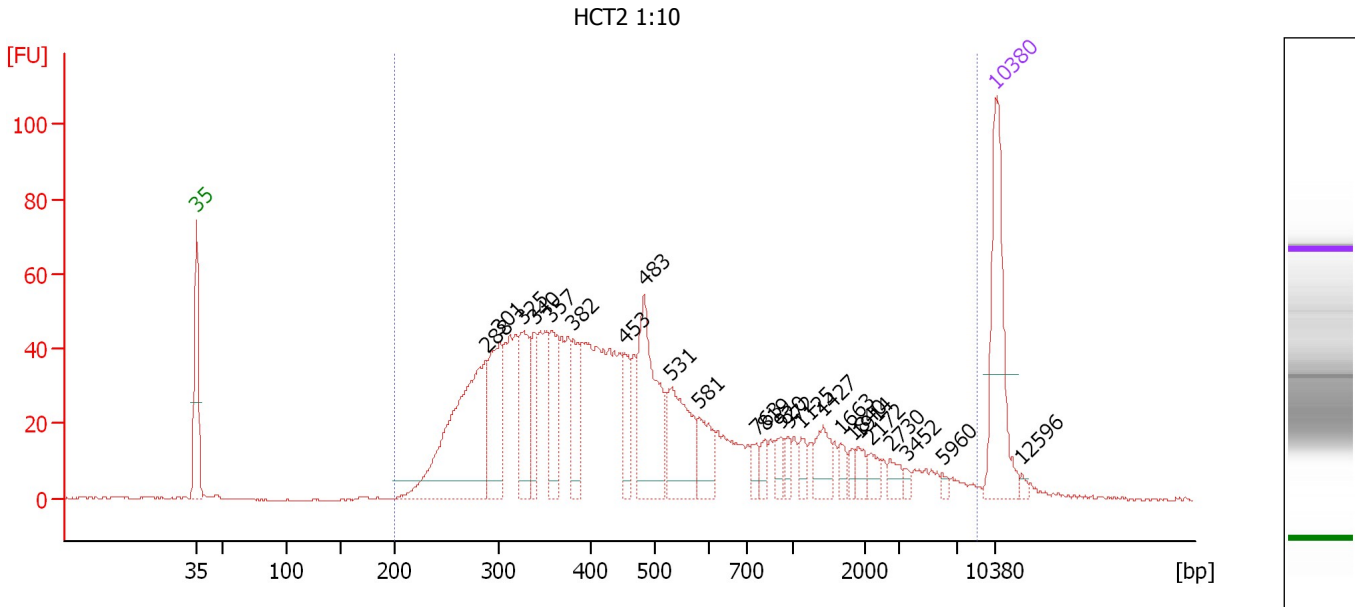
**Region table for sample 1 : PVI-1**

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]
287	6,967	723	2,558.93	2,909.4	6,422.2	99	65.6

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-10-03\2019-10-03\_001.xad

Created: 10/3/2019 1:08:47 PM  
 Modified: 10/3/2019 2:23:17 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 2 : HCT2 1:10**

Number of peaks found: 24                      Corr. Area 1: 1,478.8  
 Noise: 0.2

**Peak table for sample 2 : HCT2 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	288	204.44	1,076.1		68.36
3	301	80.72	406.8		69.52
4	325	63.88	297.7		71.49
5	340	36.34	162.1		72.65
6	357	48.69	206.8		74.01
7	382	38.87	154.3		76.02
8	453	34.65	115.8		80.50
9	483	107.28	336.6		82.18
10	531	70.08	200.0		84.61
11	581	29.93	78.0		86.99
12	763	10.45	20.8		91.99
13	819	9.41	17.4		92.73
14	920	11.23	18.5		94.09
15	972	7.97	12.4		94.79
16	1,125	10.11	13.6		95.96
17	1,427	21.56	22.9		97.87
18	1,663	8.21	7.5		99.36
19	1,840	5.36	4.4		100.48
20	1,914	9.31	7.4		100.95
21	2,172	8.36	5.8		102.03
22	2,730	8.37	4.6		103.75
23	3,452	3.39	1.5		105.15
24	5,960	2.86	0.7		108.28
25	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2019-10-03\2019-10-03\_001.xad

Created: 10/3/2019 1:08:47 PM  
Modified: 10/3/2019 2:23:17 PM

**Electropherogram Summary Continued ...****... Peak table for sample 2 : HCT2 1:10**

Peak	Size [bp]	Conc. [pg/ $\mu$ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	12,596	0.00	0.0		115.24

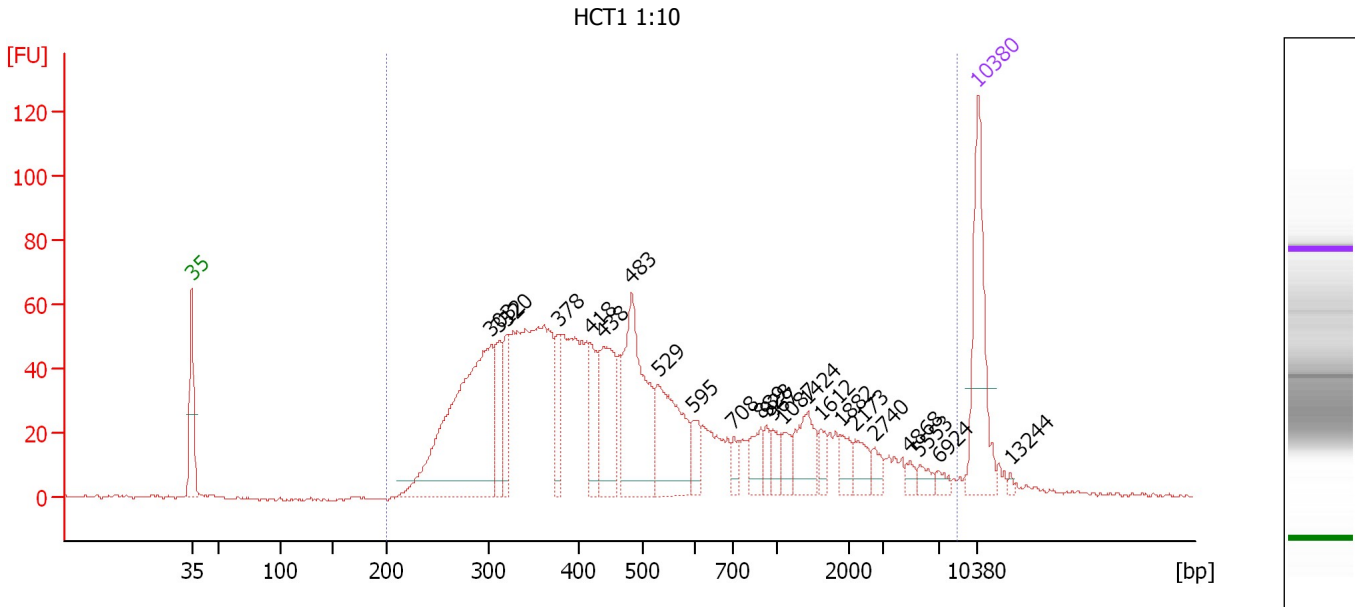
**Region table for sample 2 : HCT2 1:10**

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	8,710	757	1,348.21	1,478.8	5,087.2	 98	100.0

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-10-03\2019-10-03\_001.xad

Created: 10/3/2019 1:08:47 PM  
 Modified: 10/3/2019 2:23:17 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 3 : HCT1 1:10**

Number of peaks found: 23                      Corr. Area 1: 1,726.3  
 Noise: 0.5

**Peak table for sample 3 : HCT1 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	303	281.67	1,410.0		69.69
3	312	45.75	222.5		70.40
4	320	43.55	206.2		71.07
5	378	35.67	143.1		75.67
6	418	45.01	163.3		78.47
7	438	73.52	254.5		79.61
8	483	132.05	414.3		82.18
9	529	90.99	260.7		84.51
10	595	18.33	46.7		87.64
11	708	11.60	24.8		91.25
12	889	20.66	35.2		93.67
13	928	9.96	16.3		94.19
14	967	13.45	21.1		94.72
15	1,087	14.63	20.4		95.71
16	1,424	34.42	36.6		97.85
17	1,612	10.61	10.0		99.04
18	1,882	12.87	10.4		100.75
19	2,173	15.70	10.9		102.03
20	2,740	9.49	5.2		103.79
21	4,868	5.64	1.8		106.92
22	5,553	7.83	2.1		107.78
23	6,924	5.13	1.1		109.49
24	10,380	75.00	10.9	Upper Marker	113.00
25	13,244	0.00	0.0		115.90




Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2019-10-03\2019-10-03\_001.xad

Created: 10/3/2019 1:08:47 PM  
Modified: 10/3/2019 2:23:17 PM

**Electropherogram Summary Continued ...**

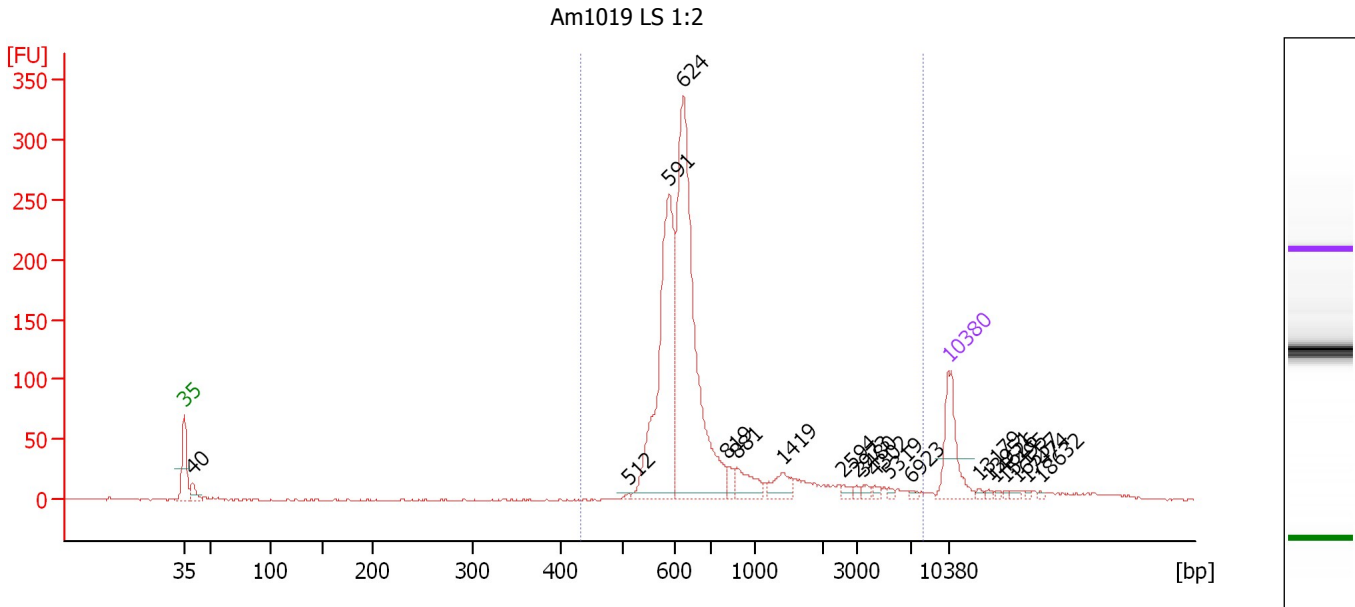
... Region table for sample 3 : HCT1 1:10

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	8,515	802	1,443.51	1,726.3	5,308.0	 98	100.0

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-10-03\2019-10-03\_001.xad

Created: 10/3/2019 1:08:47 PM  
 Modified: 10/3/2019 2:23:17 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 4 : Am1019 LS 1:2**

Number of peaks found: 20                      Corr. Area 1: 1,475.1  
 Noise: 0.5

**Peak table for sample 4 : Am1019 LS 1:2**

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	40	27.32	1,032.9		43.78
3	512	3.83	11.3		83.71
4	591	386.32	991.1		87.42
5	624	567.60	1,378.9		88.64
6	819	14.31	26.5		92.74
7	881	43.37	74.6		93.57
8	1,419	30.09	32.1		97.82
9	2,594	6.91	4.0		103.33
10	2,973	4.44	2.3		104.51
11	3,480	6.92	3.0		105.19
12	4,302	5.34	1.9		106.21
13	5,319	3.64	1.0		107.48
14	6,923	3.29	0.7		109.49
15	10,380	75.00	10.9	Upper Marker	113.00
16	13,179	0.00	0.0		115.83
17	13,951	0.00	0.0		116.61
18	14,626	0.00	0.0		117.30
19	15,495	0.00	0.0		118.17
20	16,557	0.00	0.0		119.25
21	17,474	0.00	0.0		120.18
22	18,632	0.00	0.0		121.35

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2019-10-03\2019-10-03\_001.xad

Created: 10/3/2019 1:08:47 PM  
Modified: 10/3/2019 2:23:17 PM

**Electropherogram Summary Continued ...**

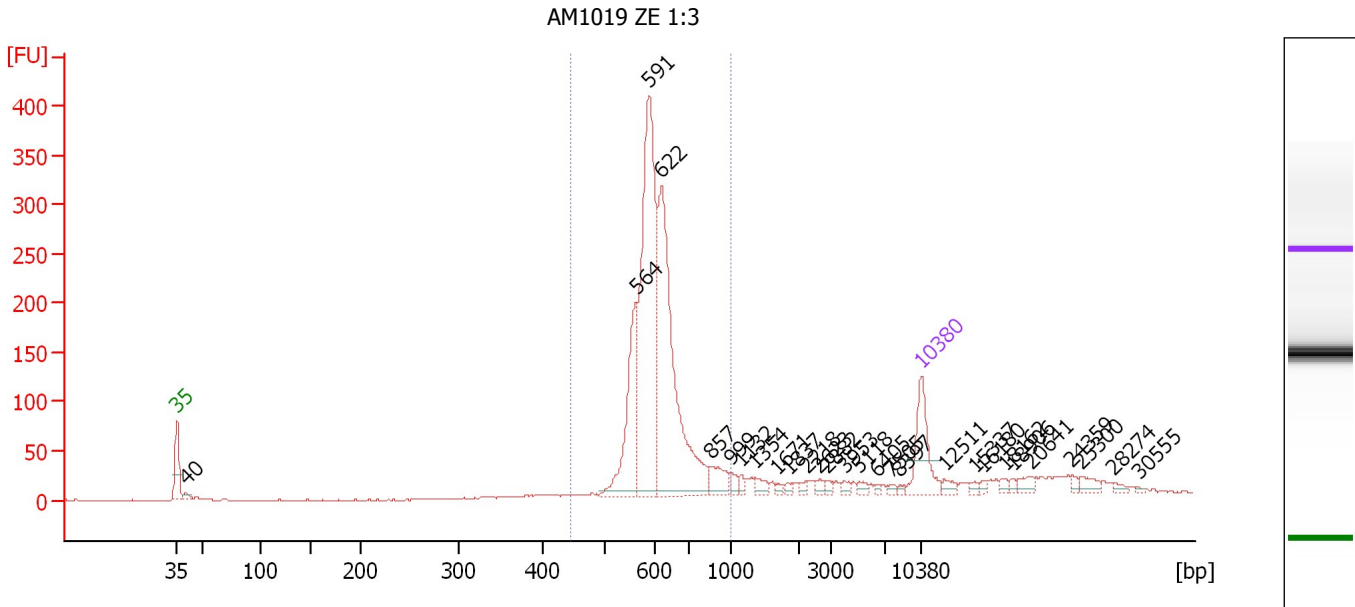
... Region table for sample 4 : Am1019 LS 1:2

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/ $\mu$ l]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
434	8,103	938	1,137.95	1,475.1	2,551.4	 93	100.0

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-10-03\2019-10-03\_001.xad

Created: 10/3/2019 1:08:47 PM  
 Modified: 10/3/2019 2:23:17 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 5 : AM1019 ZE 1:3**

Number of peaks found: 28                      Corr. Area 1: 1,644.7  
 Noise: 0.7

**Peak table for sample 5 : AM1019 ZE 1:3**

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	40	12.44	468.6		43.80
3	564	185.25	497.6		86.17
4	591	498.48	1,278.6		87.43
5	622	461.55	1,124.6		88.58
6	857	37.99	67.2		93.24
7	999	12.01	18.2		95.15
8	1,132	8.45	11.3		96.00
9	1,354	14.12	15.8		97.41
10	1,671	5.19	4.7		99.41
11	1,837	4.85	4.0		100.46
12	2,218	5.72	3.9		102.17
13	2,623	8.02	4.6		103.42
14	2,882	5.61	2.9		104.22
15	3,953	6.87	2.6		105.78
16	5,118	7.55	2.2		107.23
17	6,405	3.64	0.9		108.84
18	7,505	4.67	0.9		110.09
19	8,397	3.20	0.6		110.99
20	10,380	75.00	10.9	Upper Marker	113.00
21	12,511	0.00	0.0		115.16
22	15,337	0.00	0.0		118.01
23	16,180	0.00	0.0		118.87
24	18,162	0.00	0.0		120.87
25	18,906	0.00	0.0		121.62

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-10-03\2019-10-03\_001.xad

Created: 10/3/2019 1:08:47 PM  
 Modified: 10/3/2019 2:23:17 PM

**Electropherogram Summary Continued ...**

**... Peak table for sample 5 : AM1019 ZE 1:3**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	20,641	0.00	0.0		123.38
27	24,359	0.00	0.0		127.14
28	25,300	0.00	0.0		128.09
29	28,274	0.00	0.0		131.10
30	30,555	0.00	0.0		133.41

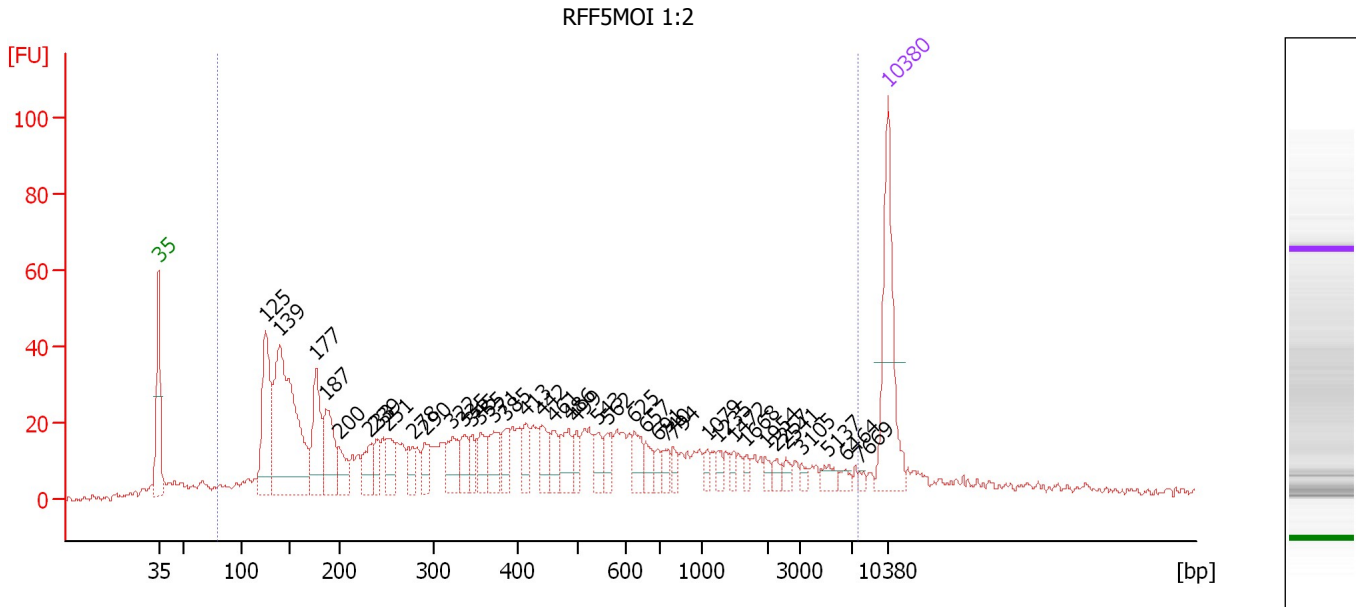
**Region table for sample 5 : AM1019 ZE 1:3**

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
446	1,000	621	1,195.50	1,644.7	2,957.0	79	12.7

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-10-03\2019-10-03\_001.xad

Created: 10/3/2019 1:08:47 PM  
 Modified: 10/3/2019 2:23:17 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 6 : RFF5MOI 1:2**

Number of peaks found: 39                      Corr. Area 1: 1,190.5  
 Noise: 0.9

**Peak table for sample 6 : RFF5MOI 1:2**

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	125	116.27	1,404.8		53.30
3	139	251.08	2,734.3		54.59
4	177	71.75	615.2		58.11
5	187	59.12	478.4		59.09
6	200	25.55	193.5		60.28
7	233	26.17	170.4		63.28
8	239	18.72	118.5		63.90
9	251	24.44	147.7		64.94
10	278	18.17	99.2		67.42
11	290	18.49	96.6		68.56
12	322	32.16	151.5		71.20
13	335	18.34	82.9		72.28
14	345	16.54	72.7		73.06
15	355	22.51	96.0		73.89
16	371	27.36	111.8		75.13
17	385	17.17	67.6		76.27
18	413	17.40	63.8		78.23
19	442	23.19	79.6		79.84
20	461	16.18	53.2		80.92
21	486	25.92	80.8		82.37
22	499	13.13	39.9		83.10
23	543	16.04	44.8		85.17
24	562	14.62	39.4		86.10
25	625	18.20	44.1		88.68

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-10-03\2019-10-03\_001.xad

Created: 10/3/2019 1:08:47 PM  
 Modified: 10/3/2019 2:23:17 PM

**Electropherogram Summary Continued ...**

**... Peak table for sample 6 : RFF5MOI 1:2**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	657	12.31	28.4		89.72
27	691	8.17	17.9		90.86
28	740	9.84	20.1		91.68
29	794	7.71	14.7		92.41
30	1,079	7.09	10.0		95.67
31	1,235	7.52	9.2		96.65
32	1,472	5.82	6.0		98.15
33	1,668	5.43	4.9		99.39
34	1,954	5.04	3.9		101.20
35	2,257	5.85	3.9		102.29
36	2,541	5.32	3.2		103.17
37	3,105	4.19	2.0		104.72
38	5,137	7.53	2.2		107.26
39	6,464	4.94	1.2		108.91
40	7,669	2.53	0.5		110.26
41	10,380	75.00	10.9	Upper Marker	113.00

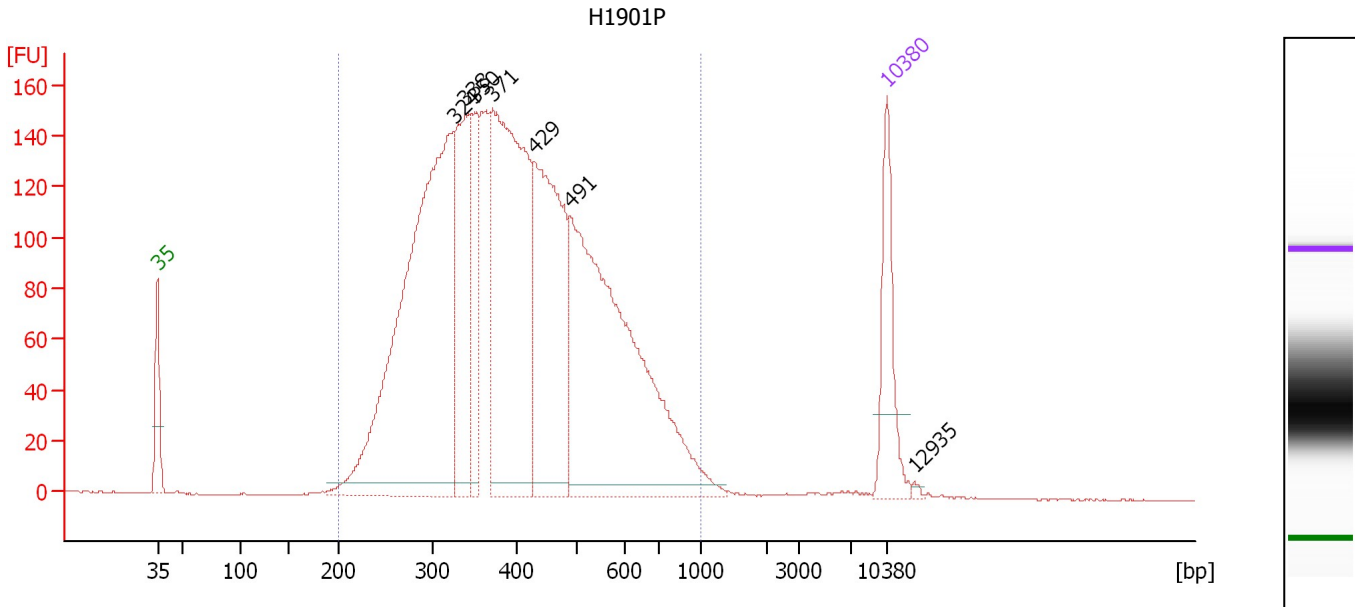
**Region table for sample 6 : RFF5MOI 1:2**

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]
80	7,500	718	1,433.16	1,190.5	9,228.7	91	100.0

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-10-03\2019-10-03\_001.xad

Created: 10/3/2019 1:08:47 PM  
 Modified: 10/3/2019 2:23:17 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 7 : H1901P**

Number of peaks found: 7                      Corr. Area 1: 3,952.9  
 Noise: 0.3

**Peak table for sample 7 : H1901P**

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	324	760.68	3,551.9		71.43
3	338	225.93	1,013.7		72.49
4	350	93.99	407.4		73.44
5	371	502.72	2,054.8		75.13
6	429	322.83	1,139.4		79.13
7	491	589.65	1,821.2		82.62
8	10,380	75.00	10.9	Upper Marker	113.00
9	12,935	0.00	0.0		115.58

**Region table for sample 7 : H1901P**

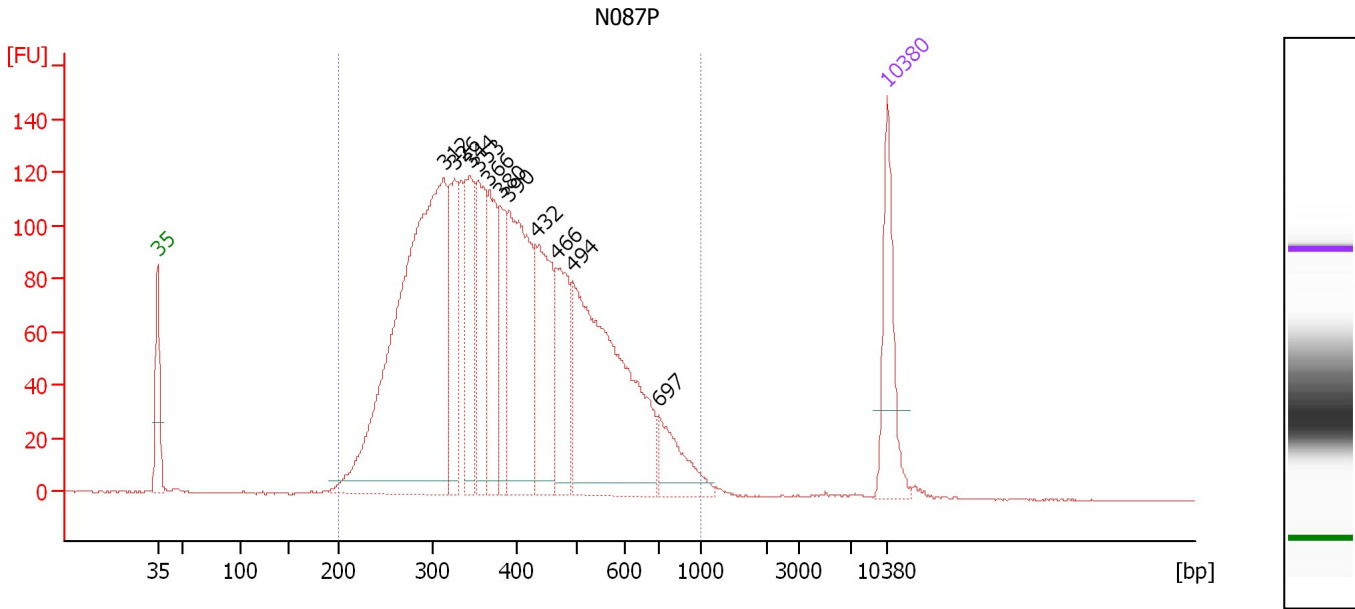
From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	418	2,621.49	3,952.9	10,689.3	99	31.0



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-10-03\2019-10-03\_001.xad

Created: 10/3/2019 1:08:47 PM  
 Modified: 10/3/2019 2:23:17 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 8 : N087P**

Number of peaks found: 11                      Corr. Area 1: 3,141.3  
 Noise: 0.2

**Peak table for sample 8 : N087P**

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	312	713.99	3,463.2		70.46
3	326	127.07	591.0		71.54
4	344	123.06	542.2		72.98
5	353	111.75	479.3		73.74
6	366	109.79	454.4		74.75
7	380	86.77	345.9		75.88
8	390	241.69	938.5		76.69
9	432	148.14	519.0		79.31
10	466	107.45	349.0		81.25
11	494	376.12	1,154.0		82.80
12	697	60.39	131.2		91.06
13	10,380	75.00	10.9	Upper Marker	113.00

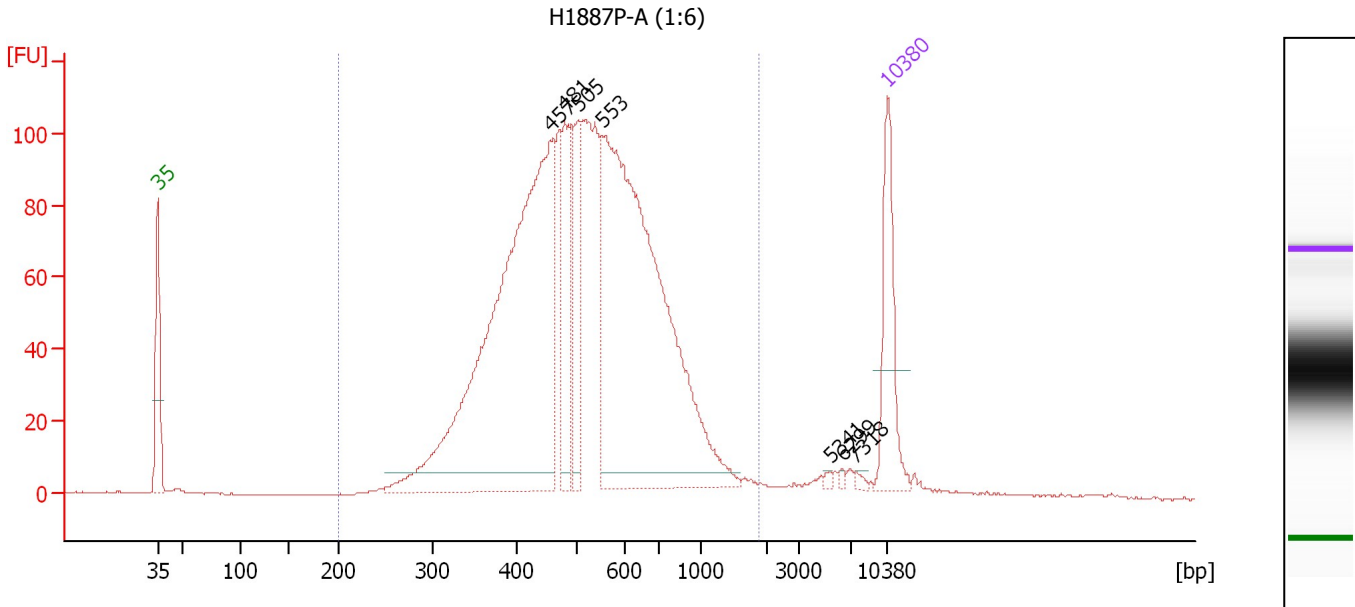
**Region table for sample 8 : N087P**

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]
200	1,000	408	2,330.04	3,141.3	9,783.4	99	31.9

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-10-03\2019-10-03\_001.xad

Created: 10/3/2019 1:08:47 PM  
 Modified: 10/3/2019 2:23:17 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 9 : H1887P-A (1:6)**

Number of peaks found: 7                      Corr. Area 1: 2,130.3  
 Noise: 0.2

**Peak table for sample 9 : H1887P-A (1:6)**

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	457	702.93	2,329.7		80.72
3	481	109.15	343.8		82.08
4	505	89.66	269.1		83.38
5	553	658.79	1,804.1		85.66
6	5,341	2.28	0.6		107.51
7	6,299	2.25	0.5		108.71
8	7,318	3.00	0.6		109.90
9	10,380	75.00	10.9	Upper Marker	113.00

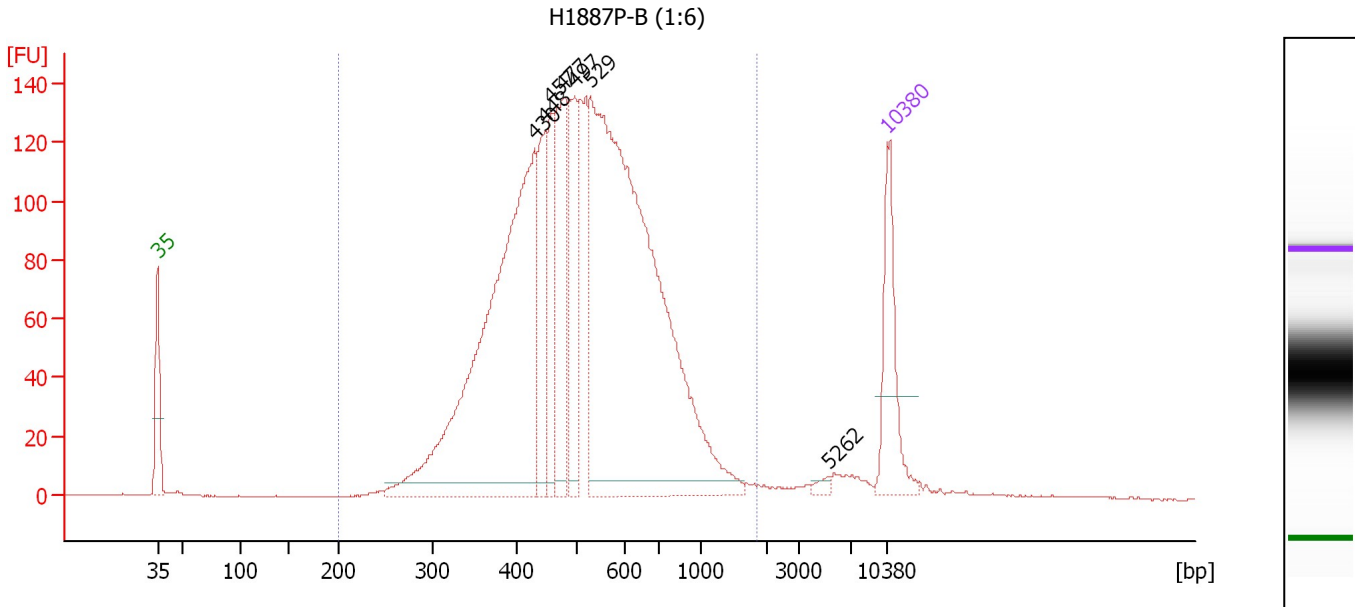
**Region table for sample 9 : H1887P-A (1:6)**

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,871	544	1,909.43	2,130.3	5,987.0	96	35.0

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-10-03\2019-10-03\_001.xad

Created: 10/3/2019 1:08:47 PM  
 Modified: 10/3/2019 2:23:17 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 10 : H1887P-B (1:6)**

Number of peaks found: 7                      Corr. Area 1: 2,736.4  
 Noise: 0.2

**Peak table for sample 10 : H1887P-B (1:6)**

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	430	632.26	2,230.0		79.15
3	448	94.60	320.0		80.19
4	457	85.91	285.1		80.68
5	477	149.01	473.5		81.83
6	497	121.83	371.4		82.98
7	529	862.80	2,471.3		84.52
8	5,262	4.88	1.4		107.41
9	10,380	75.00	10.9	Upper Marker	113.00

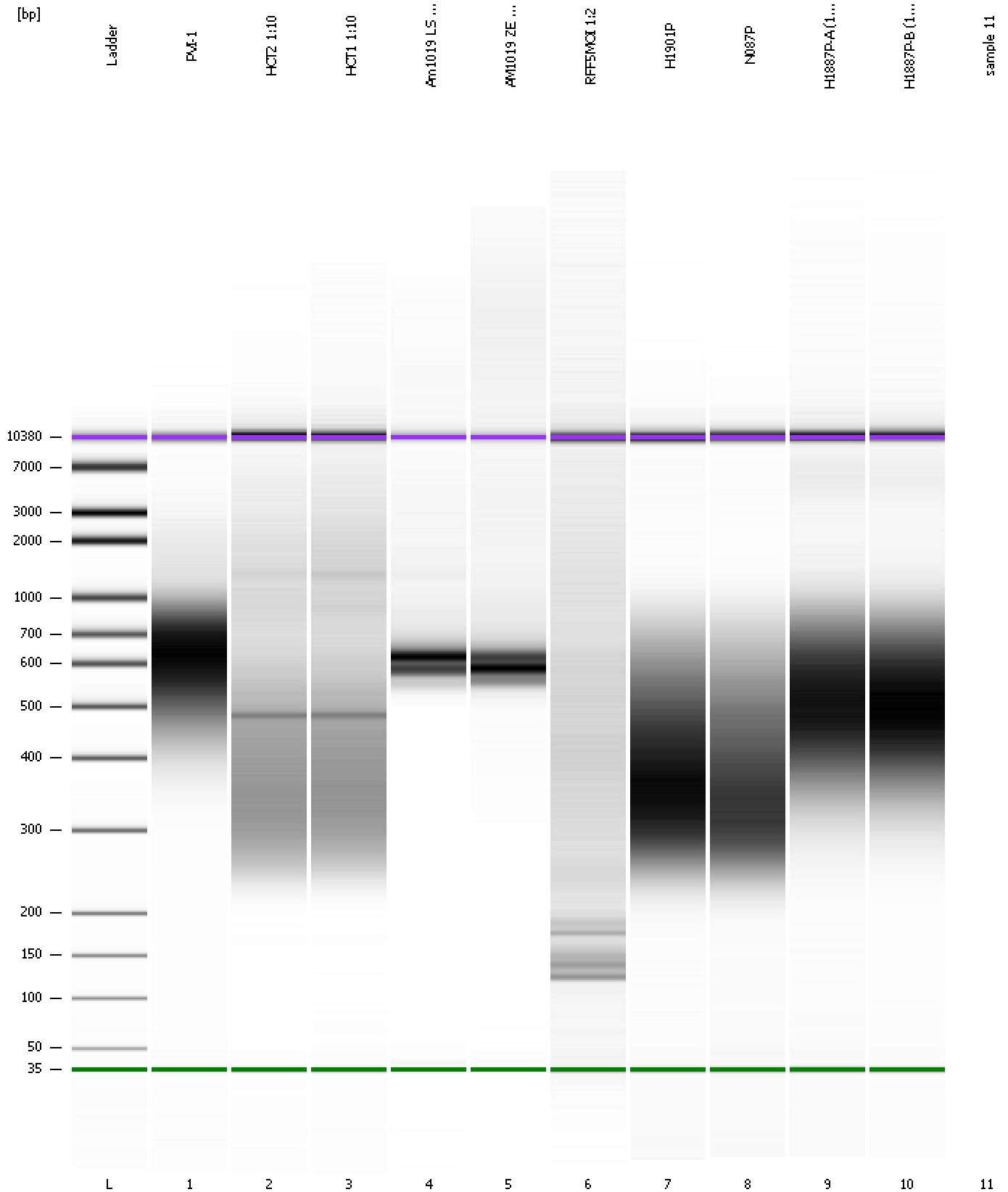
**Region table for sample 10 : H1887P-B (1:6)**

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,842	536	2,077.98	2,736.4	6,580.3	97	34.0

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2019-10-03\2019-10-03\_001.xad

Created: 10/3/2019 1:08:47 PM  
Modified: 10/3/2019 2:23:17 PM

**Gel Image**

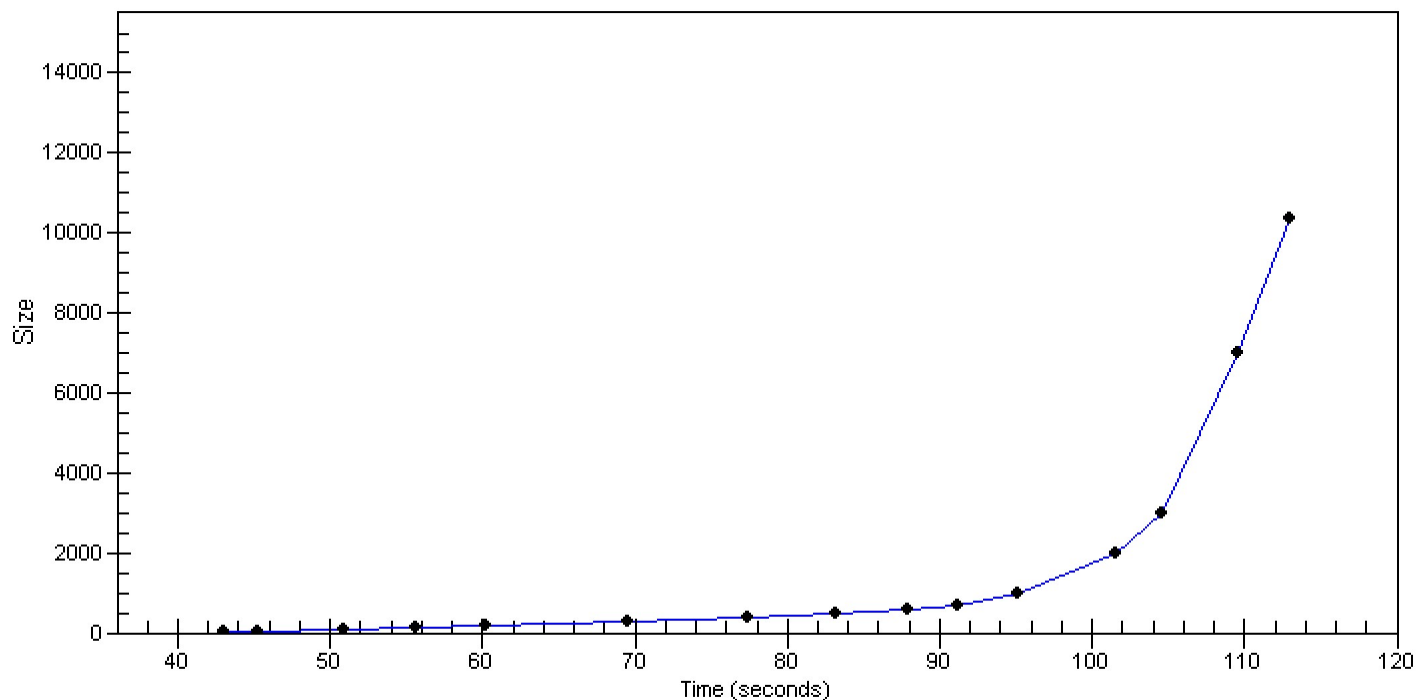


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2019-10-03\2019-10-03\_001.xad

Created: 10/3/2019 1:08:47 PM  
Modified: 10/3/2019 2:23:17 PM

**Curves**

**Standard Curve**



Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2019-10-03\2019-10-03\_001.xad

Created: 10/3/2019 1:08:47 PM  
Modified: 10/3/2019 2:23:17 PM

**Invalid Samples**

Sample 11 has not been run, no results available.

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-10-03\2019-10-03\_001.xad

Created: 10/3/2019 1:08:47 PM  
 Modified: 10/3/2019 2:23:17 PM

**Run Logbook**

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run ended on port 1 (Number of wells acquired: 11)		Instrument	Run		10/3/2019 1:47:13 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\2019-10-03\2019-10-03_001.xad)		Instrument	Run		10/3/2019 1:08:53 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938C		Instrument	Run		10/3/2019 1:08:53 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		10/3/2019 1:08:53 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		10/3/2019 1:08:53 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE34903152		Instrument	Run		10/3/2019 1:08:53 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		10/3/2019 1:08:53 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		10/3/2019 1:08:53 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1