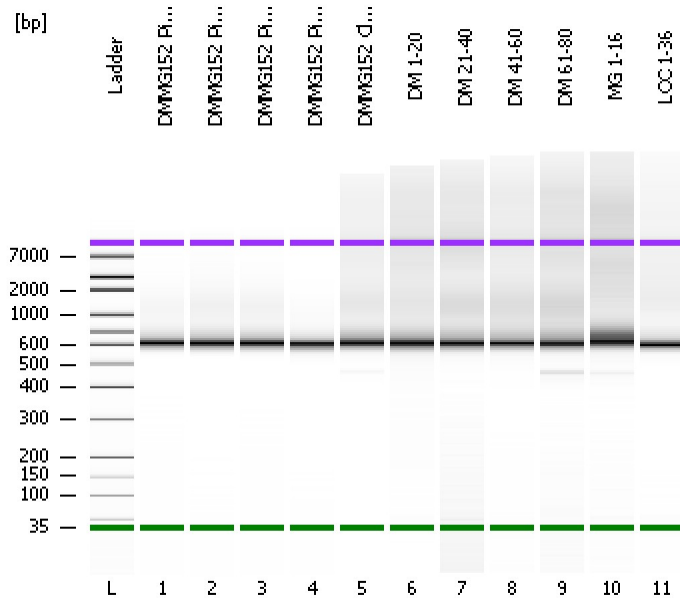


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-08\2019-01-08\_001.xad

Created: 1/8/2019 12:36:55 PM  
Modified: 1/8/2019 2:24:00 PM

**Electrophoresis File Run Summary**



Instrument Information:

Instrument Name: DE34903152      Firmware: C.01.069  
Serial#: DE34903152      Type: G2938C

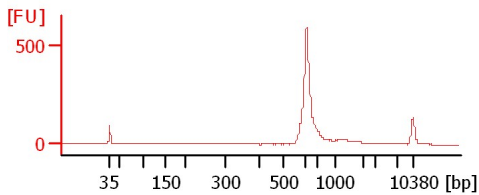
Assay Information:

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

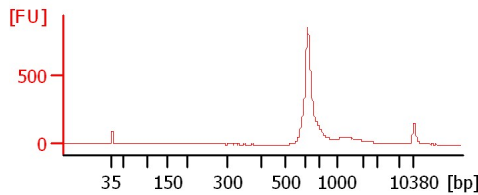
Chip Information:

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

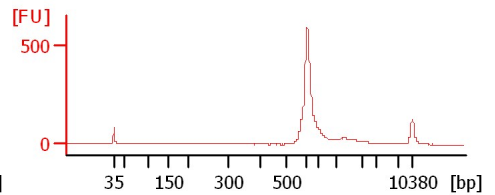
**DMMG152 Pippin 1**



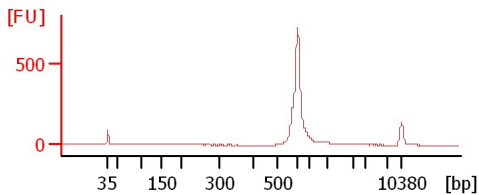
**DMMG152 Pippin 2**



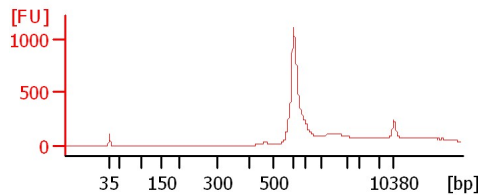
**DMMG152 Pippin 3**



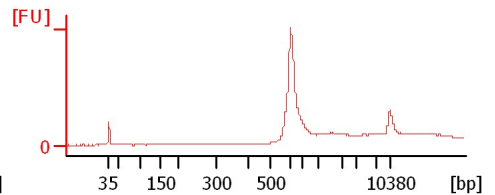
**DMMG152 Pippin 4**



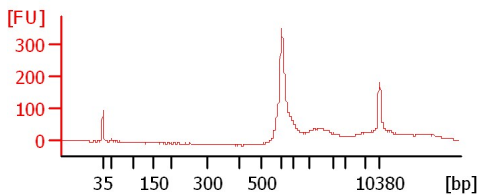
**DMMG152 Clean Pool**



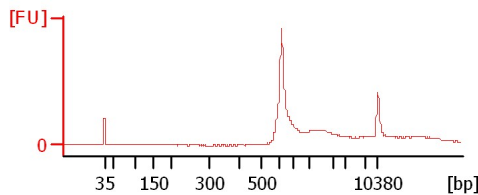
**DM 1-20**



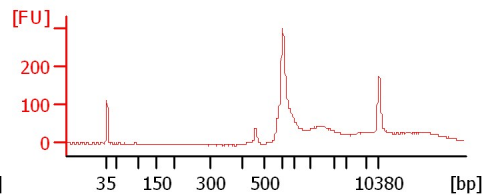
**DM 21-40**



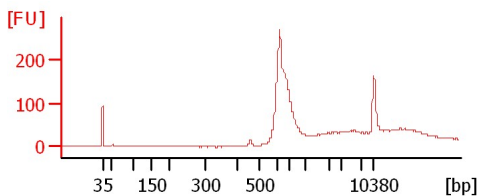
**DM 41-60**



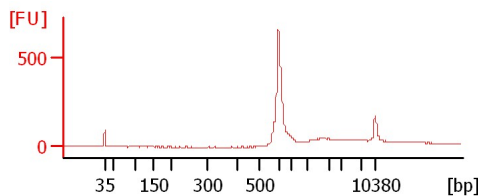
**DM 61-80**



**MG 1-16**



**LOC 1-36**



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-08\2019-01-08\_001.xad

Created: 1/8/2019 12:36:55 PM  
 Modified: 1/8/2019 2:24:00 PM

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

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
DMMG152 Pippin 1		<input type="checkbox"/>	✓			
DMMG152 Pippin 2		<input type="checkbox"/>	✓			
DMMG152 Pippin 3		<input type="checkbox"/>	✓			
DMMG152 Pippin 4		<input type="checkbox"/>	✓			
DMMG152 Clean Pool		<input type="checkbox"/>	✓			
DM 1-20		<input type="checkbox"/>	✓			
DM 21-40		<input type="checkbox"/>	✓			
DM 41-60		<input type="checkbox"/>	✓			
DM 61-80		<input type="checkbox"/>	✓			
MG 1-16		<input type="checkbox"/>	✓			
LOC 1-36		<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\2019-01-08\2019-01-08\_001.xad

Created: 1/8/2019 12:36:55 PM  
Modified: 1/8/2019 2:24:00 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

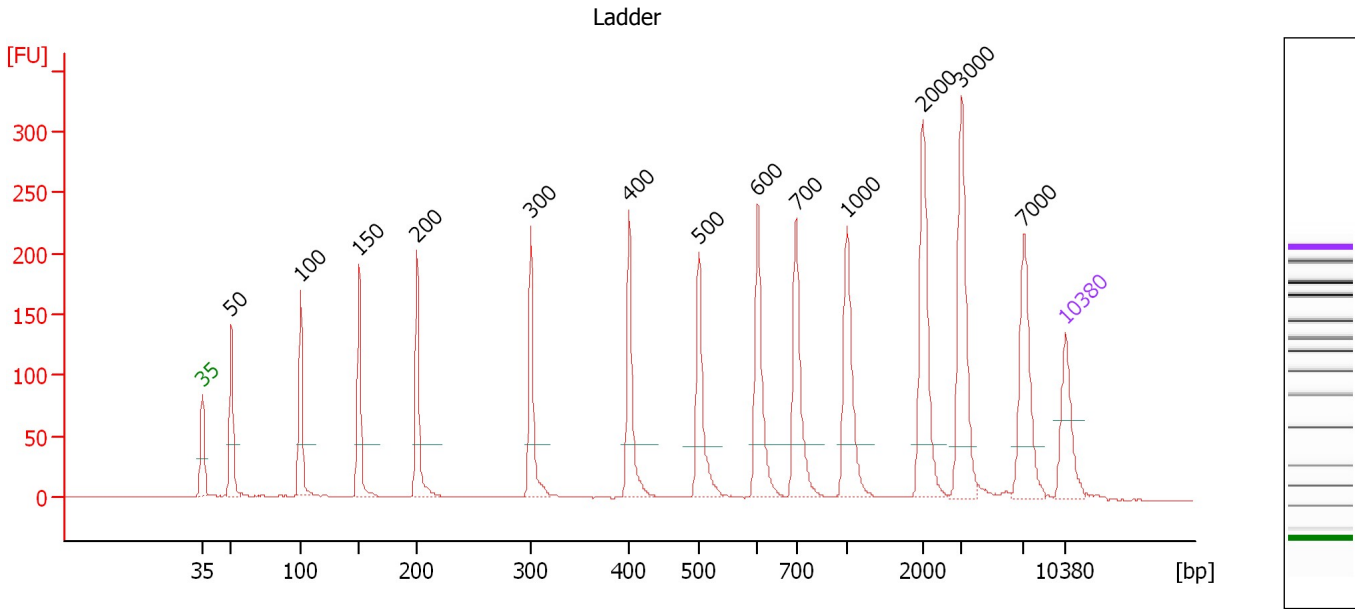
**Ladder**

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\2019-01-08\2019-01-08\_001.xad

Created: 1/8/2019 12:36:55 PM  
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**Electropherogram Summary**



**Overall Results for Ladder**

Noise: 0.3

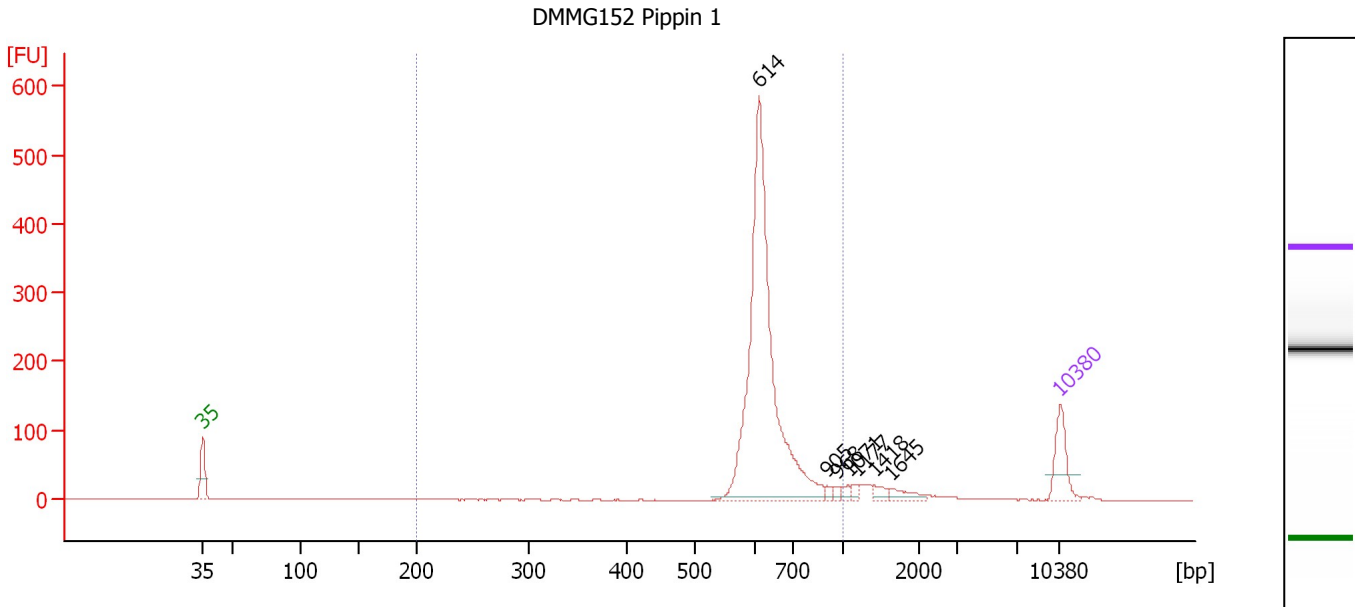
**Peak table for Ladder**

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	45.33
3	100	150.00	2,272.7	Ladder Peak	50.96
4	150	150.00	1,515.2	Ladder Peak	55.71
5	200	150.00	1,136.4	Ladder Peak	60.38
6	300	150.00	757.6	Ladder Peak	69.63
7	400	150.00	568.2	Ladder Peak	77.59
8	500	150.00	454.5	Ladder Peak	83.25
9	600	150.00	378.8	Ladder Peak	88.01
10	700	150.00	324.7	Ladder Peak	91.12
11	1,000	150.00	227.3	Ladder Peak	95.27
12	2,000	150.00	113.6	Ladder Peak	101.41
13	3,000	150.00	75.8	Ladder Peak	104.53
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\2019-01-08\2019-01-08\_001.xad

Created: 1/8/2019 12:36:55 PM  
 Modified: 1/8/2019 2:24:00 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 1 : DMMG152 Pippin 1**

Number of peaks found: 7                      Corr. Area 1: 1,402.9  
 Noise: 0.3

**Peak table for sample 1 : DMMG152 Pippin 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	614	997.19	2,462.4		88.43
3	905	9.50	15.9		93.96
4	968	8.33	13.0		94.84
5	1,071	10.95	15.5		95.71
6	1,177	11.32	14.6		96.36
7	1,418	16.68	17.8		97.84
8	1,645	22.89	21.1		99.24
9	10,380	75.00	10.9	Upper Marker	113.00

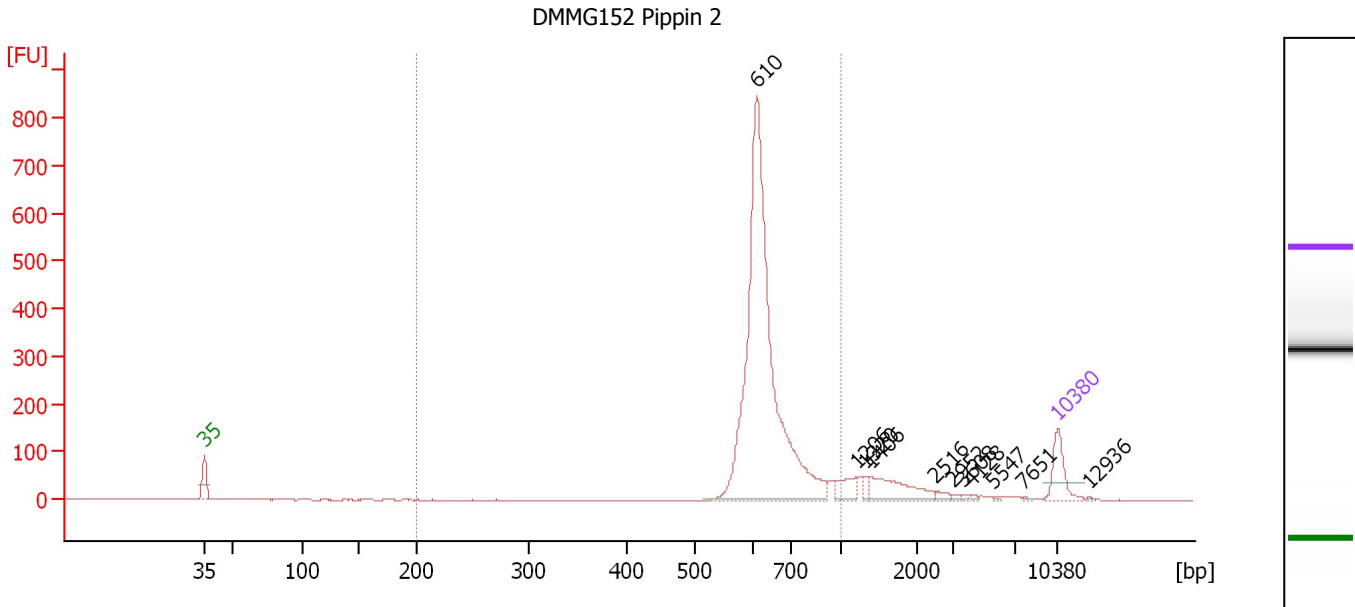
**Region table for sample 1 : DMMG152 Pippin 1**

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	641	1,017.70	1,402.9	2,430.9	90	11.2

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-08\2019-01-08\_001.xad

Created: 1/8/2019 12:36:55 PM  
 Modified: 1/8/2019 2:24:00 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 2 : DMMG152 Pippin 2**

Number of peaks found: 11                      Corr. Area 1: 2,264.0  
 Noise: 0.3

**Peak table for sample 2 : DMMG152 Pippin 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	610	1,441.05	3,581.4		88.31
3	1,206	51.27	64.4		96.54
4	1,320	16.86	19.3		97.24
5	1,406	111.98	120.7		97.77
6	2,516	11.21	6.8		103.02
7	2,952	5.62	2.9		104.38
8	3,608	3.56	1.5		105.30
9	4,128	3.43	1.3		105.95
10	5,547	2.78	0.8		107.75
11	7,651	2.68	0.5		110.24
12	10,380	75.00	10.9	Upper Marker	113.00
13	12,936	0.00	0.0		115.58

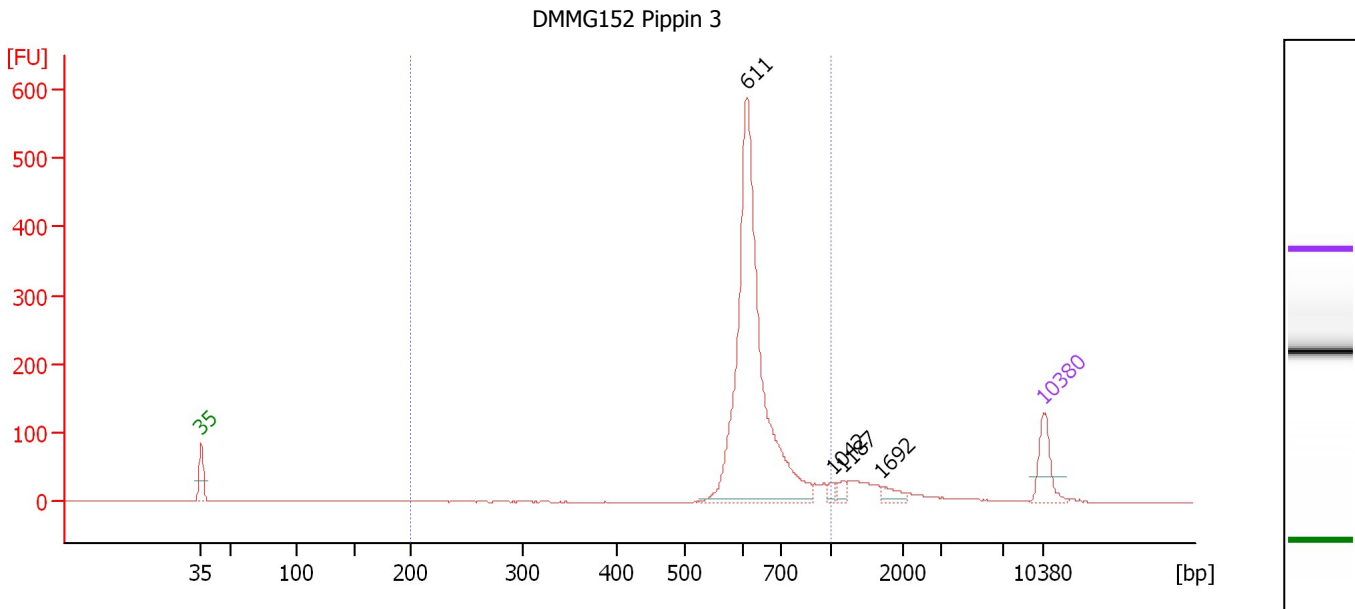
**Region table for sample 2 : DMMG152 Pippin 2**

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	644	1,467.81	2,264.0	3,494.3	85	12.1

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-08\2019-01-08\_001.xad

Created: 1/8/2019 12:36:55 PM  
 Modified: 1/8/2019 2:24:00 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 3 : DMMG152 Pippin 3**

Number of peaks found: 4                      Corr. Area 1: 1,547.3  
 Noise: 0.3

**Peak table for sample 3 : DMMG152 Pippin 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	611	1,081.95	2,683.0		88.35
3	1,042	14.01	20.4		95.53
4	1,187	17.35	22.1		96.42
5	1,692	25.62	22.9		99.52
6	10,380	75.00	10.9	Upper Marker	113.00

**Region table for sample 3 : DMMG152 Pippin 3**

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	642	1,112.30	1,547.3	2,655.0	87	12.0

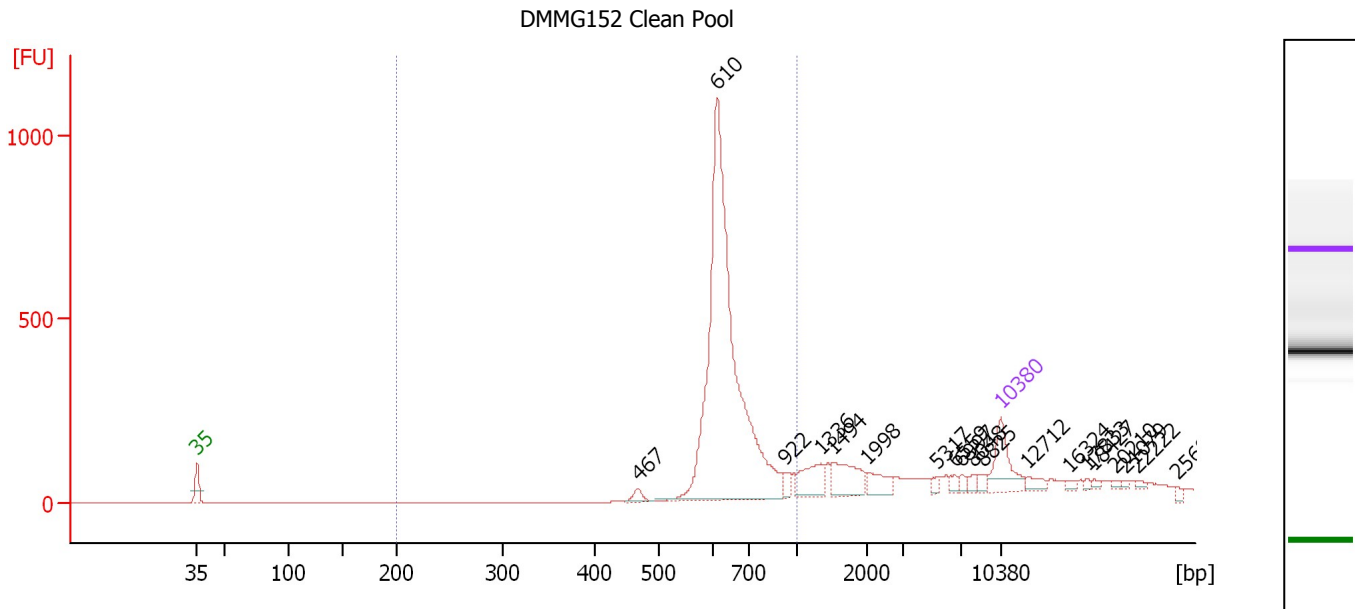




Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-08\2019-01-08\_001.xad

Created: 1/8/2019 12:36:55 PM  
 Modified: 1/8/2019 2:24:00 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 5 : DMMG152 Clean Pool**

Number of peaks found: 19                      Corr. Area 1: 3,020.8  
 Noise: 0.2

**Peak table for sample 5 : DMMG152 Clean 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	467	17.64	57.2		81.40
3	610	1,097.97	2,726.3		88.33
4	922	17.79	29.2		94.19
5	1,336	66.37	75.3		97.34
6	1,494	79.31	80.4		98.31
7	1,998	36.38	27.6		101.40
8	5,317	8.49	2.4		107.46
9	6,559	10.32	2.4		109.03
10	6,997	9.63	2.1		109.58
11	8,048	10.40	2.0		110.64
12	8,825	9.74	1.7		111.43
13	10,380	75.00	10.9	Upper Marker	113.00
14	12,712	0.00	0.0		115.36
15	16,324	0.00	0.0		119.01
16	17,833	0.00	0.0		120.53
17	18,427	0.00	0.0		121.13
18	20,210	0.00	0.0		122.93
19	21,079	0.00	0.0		123.81
20	22,222	0.00	0.0		124.97
21	25,605	0.00	0.0		128.39

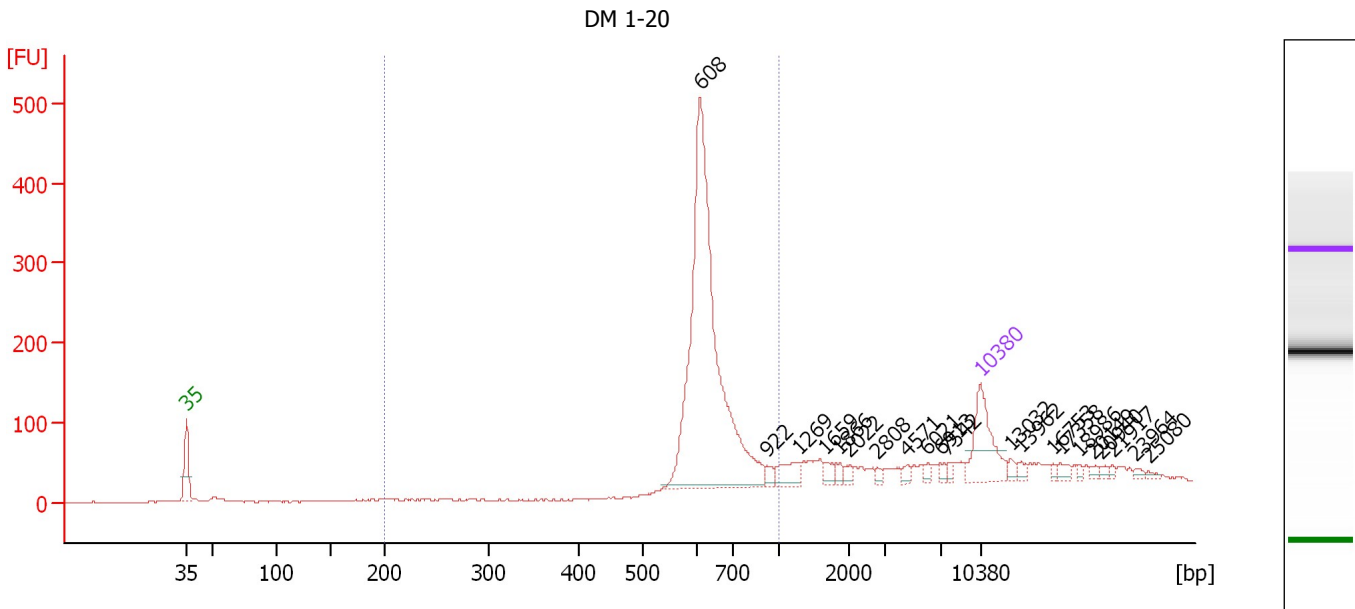
**Region table for sample 5 : DMMG152 Clean Pool**

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	649	1,077.53	3,020.8	2,545.5	72	12.3

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-08\2019-01-08\_001.xad

Created: 1/8/2019 12:36:55 PM  
 Modified: 1/8/2019 2:24:00 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 6 : DM 1-20**

Number of peaks found: 21                      Corr. Area 1: 1,457.4  
 Noise: 1.1

**Peak table for sample 6 : DM 1-20**

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	608	686.03	1,708.4		88.27
3	922	9.49	15.6		94.20
4	1,269	28.65	34.2		96.92
5	1,659	12.31	11.2		99.32
6	1,866	8.02	6.5		100.59
7	2,022	7.59	5.7		101.48
8	2,808	4.61	2.5		103.93
9	4,571	7.08	2.3		106.51
10	6,021	6.85	1.7		108.35
11	6,913	6.03	1.3		109.47
12	7,542	5.68	1.1		110.13
13	10,380	75.00	10.9	Upper Marker	113.00
14	13,032	0.00	0.0		115.68
15	13,962	0.00	0.0		116.62
16	16,753	0.00	0.0		119.44
17	17,358	0.00	0.0		120.05
18	18,986	0.00	0.0		121.70
19	20,149	0.00	0.0		122.87
20	20,940	0.00	0.0		123.67
21	21,917	0.00	0.0		124.66
22	23,964	0.00	0.0		126.73
23	25,080	0.00	0.0		127.86

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-08\2019-01-08\_001.xad

Created: 1/8/2019 12:36:55 PM  
Modified: 1/8/2019 2:24:00 PM

**Electropherogram Summary Continued ...**

... Region table for sample 6 :

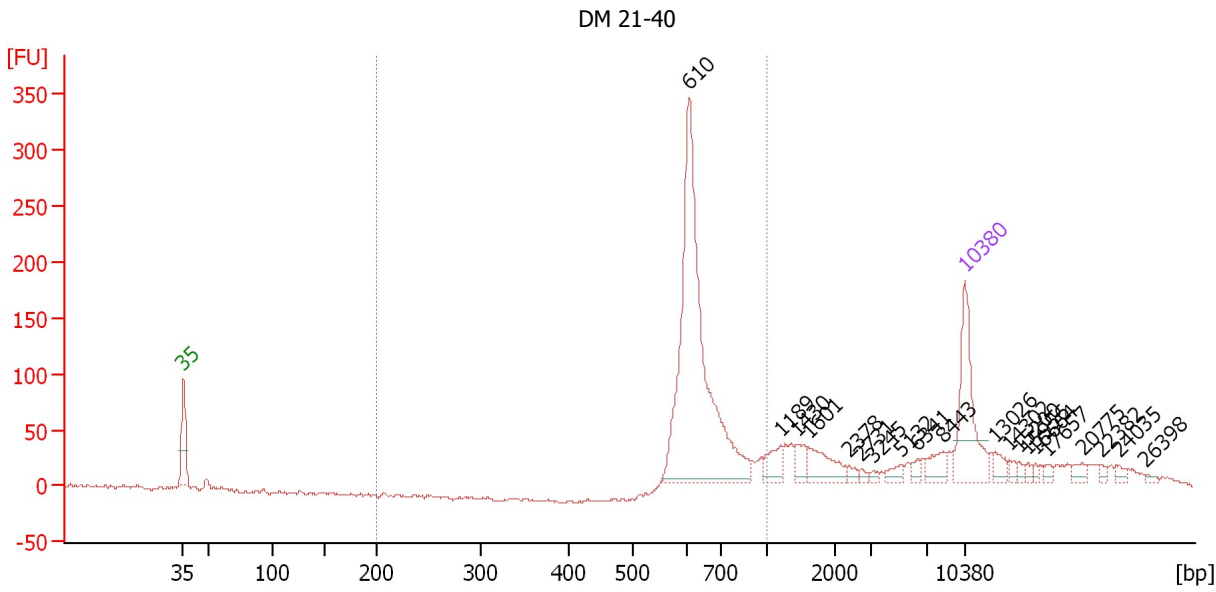
DM 1-20

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	647	712.02	1,457.4	1,688.5	 68	12.4

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-08\2019-01-08\_001.xad

Created: 1/8/2019 12:36:55 PM  
 Modified: 1/8/2019 2:24:00 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 7 : DM 21-40**

Number of peaks found: 20                      Corr. Area 1: 927.4  
 Noise: 1.3

**Peak table for sample 7 : DM 21-40**

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	610	402.29	999.6		88.31
3	1,189	21.15	27.0		96.43
4	1,430	15.25	16.2		97.91
5	1,601	33.01	31.2		98.96
6	2,378	5.00	3.2		102.59
7	2,731	3.46	1.9		103.69
8	3,245	2.81	1.3		104.83
9	5,132	8.24	2.4		107.22
10	6,341	5.56	1.3		108.75
11	8,443	16.14	2.9		111.04
12	10,380	75.00	10.9	Upper Marker	113.00
13	13,026	0.00	0.0		115.67
14	14,302	0.00	0.0		116.96
15	15,200	0.00	0.0		117.87
16	15,956	0.00	0.0		118.63
17	16,664	0.00	0.0		119.35
18	17,657	0.00	0.0		120.35
19	20,775	0.00	0.0		123.50
20	22,382	0.00	0.0		125.13
21	24,035	0.00	0.0		126.80
22	26,398	0.00	0.0		129.19

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-08\2019-01-08\_001.xad

Created: 1/8/2019 12:36:55 PM  
Modified: 1/8/2019 2:24:00 PM

**Electropherogram Summary Continued ...**

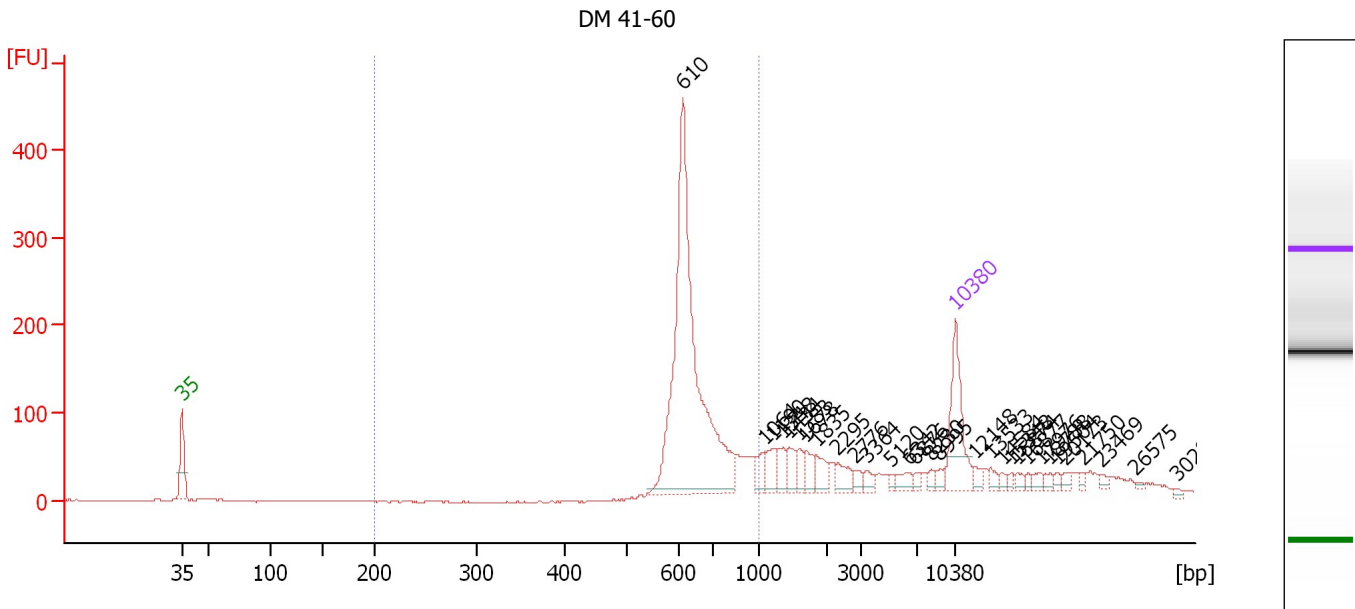
... Region table for sample 7 : DM 21-40

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	423.63	927.4	998.3	 61	13.3

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-08\2019-01-08\_001.xad

Created: 1/8/2019 12:36:55 PM  
 Modified: 1/8/2019 2:24:00 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 8 : DM 41-60**

Number of peaks found: 30                      Corr. Area 1: 1,203.7  
 Noise: 0.9

**Peak table for sample 8 : DM 41-60**

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	610	534.50	1,326.9		88.33
3	1,064	19.91	28.3		95.67
4	1,190	21.61	27.5		96.44
5	1,348	19.53	22.0		97.41
6	1,434	19.00	20.1		97.94
7	1,583	14.95	14.3		98.86
8	1,678	17.18	15.5		99.43
9	1,835	18.73	15.5		100.40
10	2,295	18.08	11.9		102.33
11	2,776	8.00	4.4		103.83
12	3,364	9.33	4.2		104.99
13	5,120	4.65	1.4		107.21
14	6,342	12.03	2.9		108.75
15	6,876	5.45	1.2		109.43
16	8,230	5.40	1.0		110.83
17	8,995	8.56	1.4		111.60
18	10,380	75.00	10.9	Upper Marker	113.00
19	12,148	0.00	0.0		114.79
20	13,533	0.00	0.0		116.19
21	14,584	0.00	0.0		117.25
22	15,348	0.00	0.0		118.02
23	15,874	0.00	0.0		118.55
24	16,877	0.00	0.0		119.57
25	17,976	0.00	0.0		120.68

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-08\2019-01-08\_001.xad

Created: 1/8/2019 12:36:55 PM  
 Modified: 1/8/2019 2:24:00 PM

### Electropherogram Summary Continued ...

#### ... Peak table for sample 8 : DM 41-60

Peak	Size [bp]	Conc. [pg/ $\mu$ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	18,788	0.00	0.0		121.50
27	19,504	0.00	0.0		122.22
28	20,173	0.00	0.0		122.90
29	21,750	0.00	0.0		124.49
30	23,469	0.00	0.0		126.23
31	26,575	0.00	0.0		129.37
32	30,205	0.00	0.0		133.03

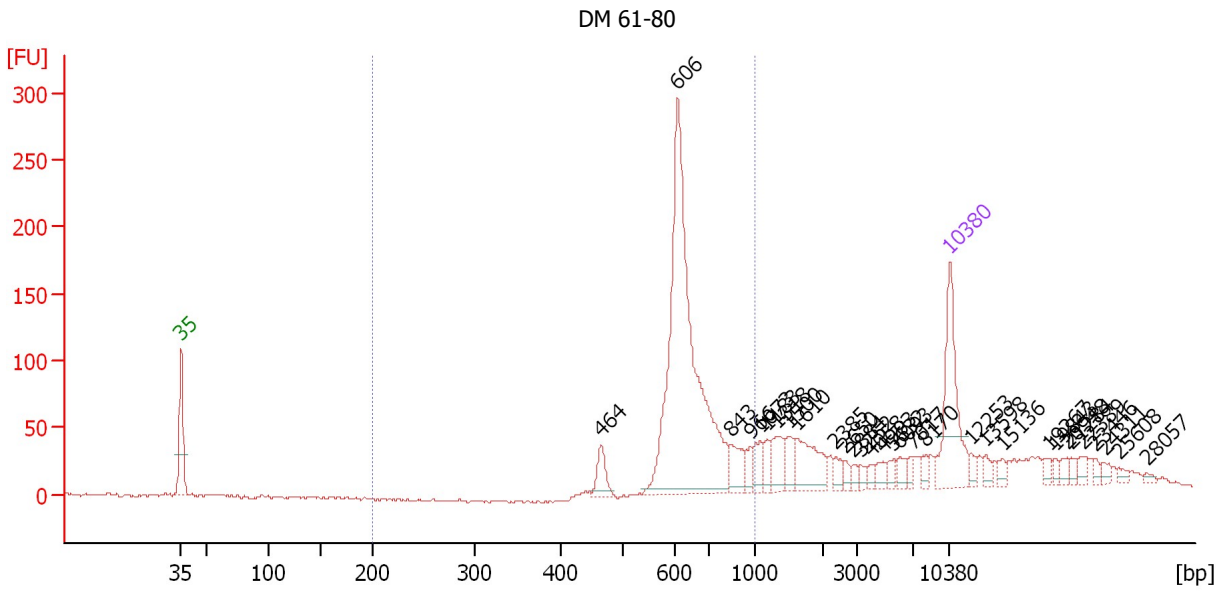
#### Region table for sample 8 : DM 41-60

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	663	589.60	1,203.7	1,373.4	 59	14.8

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-08\2019-01-08\_001.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 9 : DM 61-80**

Number of peaks found: 31                      Corr. Area 1: 885.6  
 Noise: 1.0

**Peak table for sample 9 : DM 61-80**

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	464	24.03	78.5		81.20
3	606	409.78	1,024.7		88.19
4	843	24.63	44.3		93.10
5	966	12.02	18.9		94.80
6	1,073	16.22	22.9		95.72
7	1,183	11.55	14.8		96.40
8	1,318	24.52	28.2		97.22
9	1,500	14.84	15.0		98.34
10	1,610	42.41	39.9		99.02
11	2,385	8.15	5.2		102.61
12	2,650	5.15	2.9		103.44
13	2,884	5.02	2.6		104.17
14	3,252	5.12	2.4		104.84
15	4,058	5.25	2.0		105.86
16	4,903	7.82	2.4		106.93
17	5,632	6.94	1.9		107.85
18	6,093	8.76	2.2		108.44
19	7,017	5.75	1.2		109.60
20	8,170	6.63	1.2		110.77
21	10,380	75.00	10.9	Upper Marker	113.00
22	12,253	0.00	0.0		114.89
23	13,598	0.00	0.0		116.25
24	15,136	0.00	0.0		117.81
25	19,267	0.00	0.0		121.98



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-08\2019-01-08\_001.xad


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**Electropherogram Summary Continued ...**

**... Peak table for sample 9 : DM 61-80**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	19,843	0.00	0.0		122.56
27	20,948	0.00	0.0		123.68
28	21,284	0.00	0.0		124.02
29	22,389	0.00	0.0		125.14
30	23,446	0.00	0.0		126.20
31	24,311	0.00	0.0		127.08
32	25,608	0.00	0.0		128.39
33	28,057	0.00	0.0		130.86

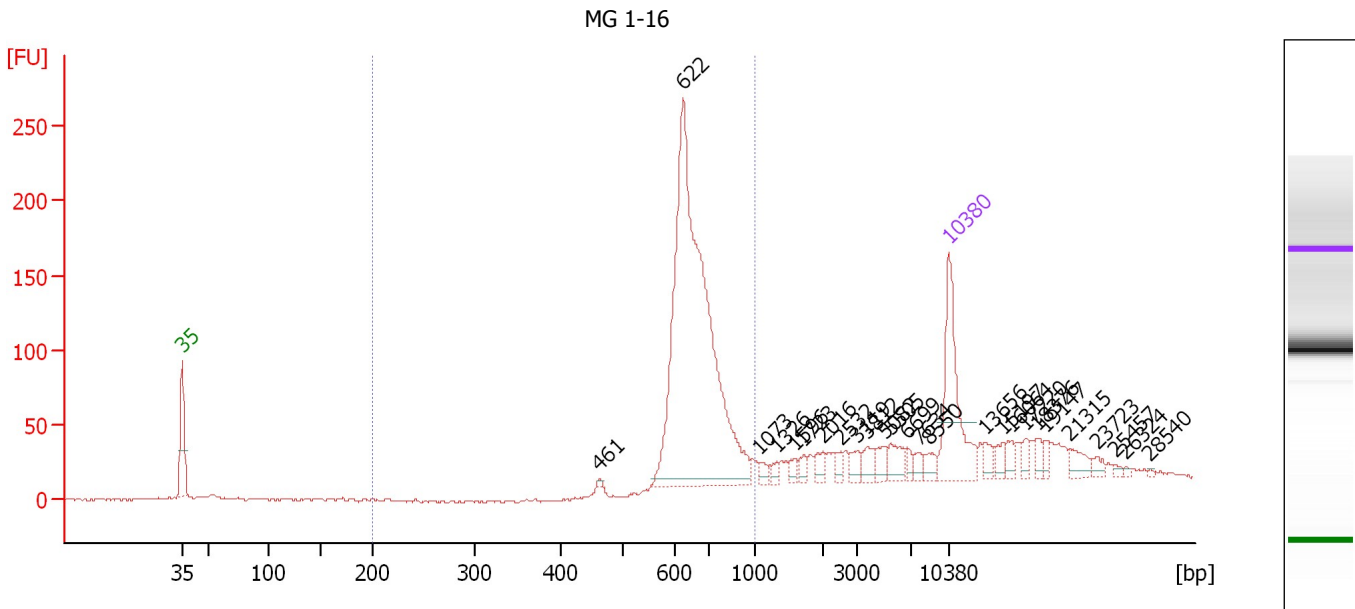
**Region table for sample 9 : DM 61-80**

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	656	449.74	885.6	1,063.6	 57	15.6

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-08\2019-01-08\_001.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 10 : MG 1-16**

Number of peaks found: 26                      Corr. Area 1: 965.5  
 Noise: 0.6

**Peak table for sample 10 : MG 1-16**

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	461	1.96	6.4		81.07
3	622	506.09	1,231.8		88.71
4	1,073	7.34	10.4		95.72
5	1,326	5.03	5.7		97.28
6	1,596	6.25	5.9		98.93
7	1,723	6.39	5.6		99.71
8	2,016	8.91	6.7		101.46
9	2,532	5.70	3.4		103.07
10	3,119	8.87	4.3		104.68
11	3,812	10.50	4.2		105.55
12	5,082	11.34	3.4		107.16
13	5,505	15.18	4.2		107.69
14	6,699	5.18	1.2		109.20
15	7,634	6.43	1.3		110.23
16	8,550	8.57	1.5		111.15
17	10,380	75.00	10.9	Upper Marker	113.00
18	13,656	0.00	0.0		116.31
19	15,197	0.00	0.0		117.87
20	16,064	0.00	0.0		118.74
21	17,220	0.00	0.0		119.91
22	18,376	0.00	0.0		121.08
23	19,147	0.00	0.0		121.86
24	21,315	0.00	0.0		124.05
25	23,723	0.00	0.0		126.48

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-08\2019-01-08\_001.xad

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**Electropherogram Summary Continued ...****... Peak table for sample 10 : MG 1-16**

Peak	Size [bp]	Conc. [pg/ $\mu$ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	25,457	0.00	0.0		128.24
27	26,324	0.00	0.0		129.11
28	28,540	0.00	0.0		131.35

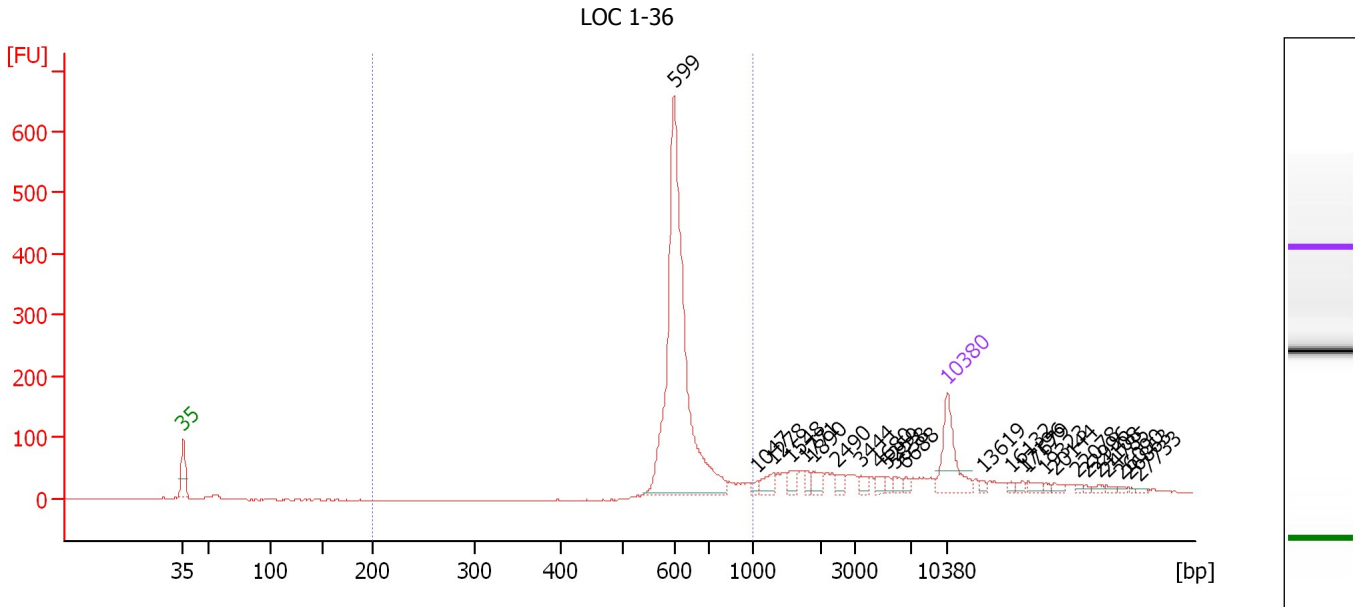
**Region table for sample 10 : MG 1-16**

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/ $\mu$ l]	Corr. Area	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]
200	1,000	672	509.75	965.5	1,163.9	 64	12.5

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-08\2019-01-08\_001.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 11 : LOC 1-36**

Number of peaks found: 25                      Corr. Area 1: 1,388.0  
 Noise: 1.0

**Peak table for sample 11 : LOC 1-36**

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	599	643.52	1,629.0		87.94
3	1,047	7.97	11.5		95.56
4	1,278	19.44	23.1		96.98
5	1,548	13.76	13.5		98.64
6	1,771	9.44	8.1		100.01
7	1,890	15.57	12.5		100.74
8	2,490	10.45	6.4		102.94
9	3,444	9.91	4.4		105.09
10	4,680	10.64	3.4		106.65
11	5,259	6.36	1.8		107.38
12	5,838	9.06	2.4		108.12
13	6,688	6.62	1.5		109.19
14	10,380	75.00	10.9	Upper Marker	113.00
15	13,619	0.00	0.0		116.27
16	16,132	0.00	0.0		118.81
17	17,196	0.00	0.0		119.89
18	17,679	0.00	0.0		120.38
19	19,323	0.00	0.0		122.04
20	20,144	0.00	0.0		122.87
21	22,078	0.00	0.0		124.82
22	22,996	0.00	0.0		125.75
23	24,108	0.00	0.0		126.87
24	24,785	0.00	0.0		127.56
25	26,090	0.00	0.0		128.88

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-08\2019-01-08\_001.xad

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**Electropherogram Summary Continued ...****... Peak table for sample 11 : LOC 1-36**

Peak	Size [bp]	Conc. [pg/ $\mu$ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	26,863	0.00	0.0		129.66
27	27,733	0.00	0.0		130.54

**Region table for sample 11 : LOC 1-36**

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	629	672.84	1,388.0	1,637.1	 66	11.2

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-08\2019-01-08\_001.xad

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**Gel Image**

