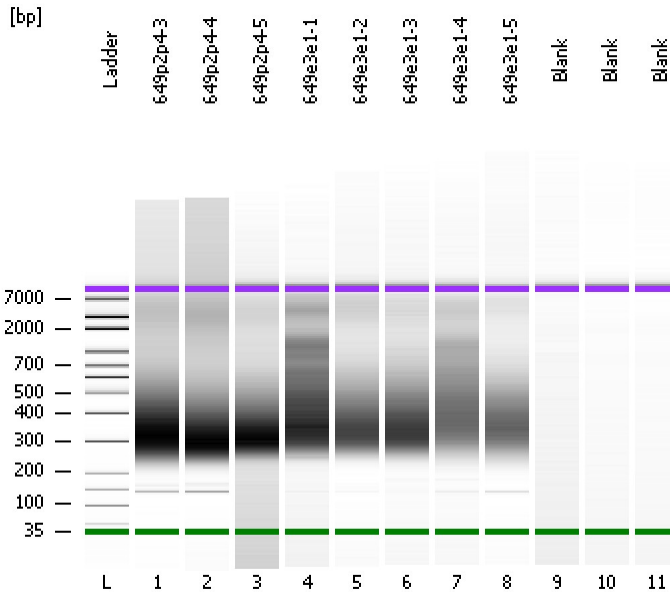


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-31\2019-01-31\_003.xad

Created: 1/31/2019 2:55:51 PM  
Modified: 1/31/2019 3:36:16 PM

Electrophoresis File Run Summary



Instrument Information:

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

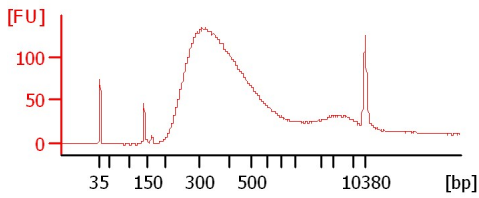
Assay Information:

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

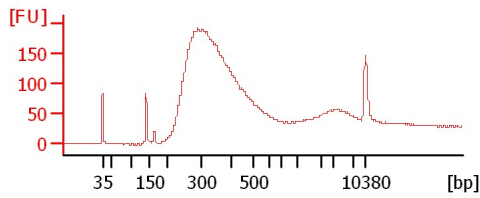
Chip Information:

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

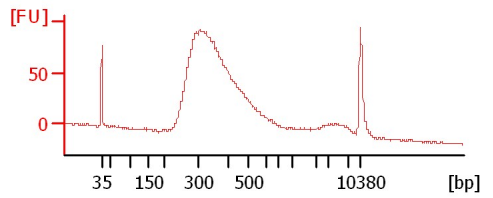
649p2p4-3



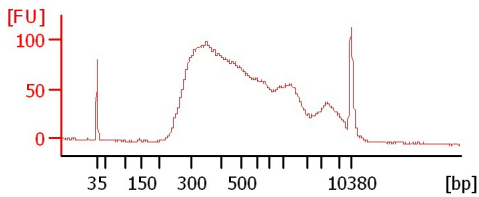
649p2p4-4



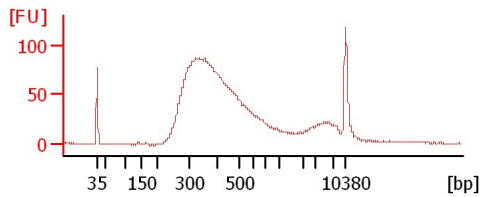
649p2p4-5



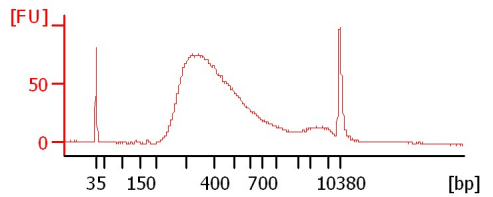
649e3e1-1



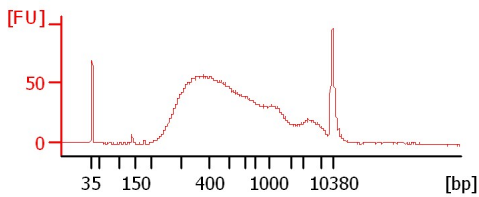
649e3e1-2



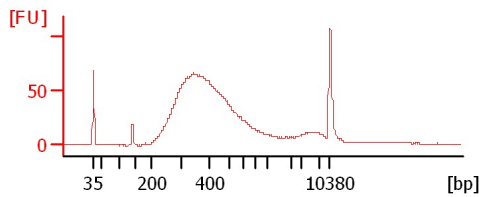
649e3e1-3



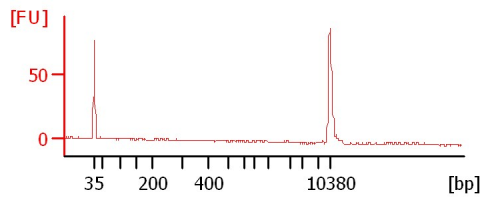
649e3e1-4



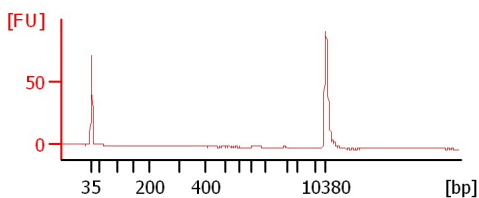
649e3e1-5



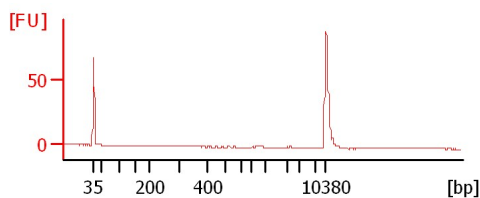
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Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-31\2019-01-31\_003.xad

Created: 1/31/2019 2:55:51 PM  
 Modified: 1/31/2019 3:36:16 PM

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

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
649p2p4-3		<input type="checkbox"/>	✓			
649p2p4-4		<input type="checkbox"/>	✓			
649p2p4-5		<input type="checkbox"/>	✓			
649e3e1-1		<input type="checkbox"/>	✓			
649e3e1-2		<input type="checkbox"/>	✓			
649e3e1-3		<input type="checkbox"/>	✓			
649e3e1-4		<input type="checkbox"/>	✓			
649e3e1-5		<input type="checkbox"/>	✓			
Blank		<input type="checkbox"/>	✓			
Blank		<input type="checkbox"/>	✓			
Blank		<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\2019-01-31\2019-01-31\_003.xad

Created: 1/31/2019 2:55:51 PM  
Modified: 1/31/2019 3:36:16 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

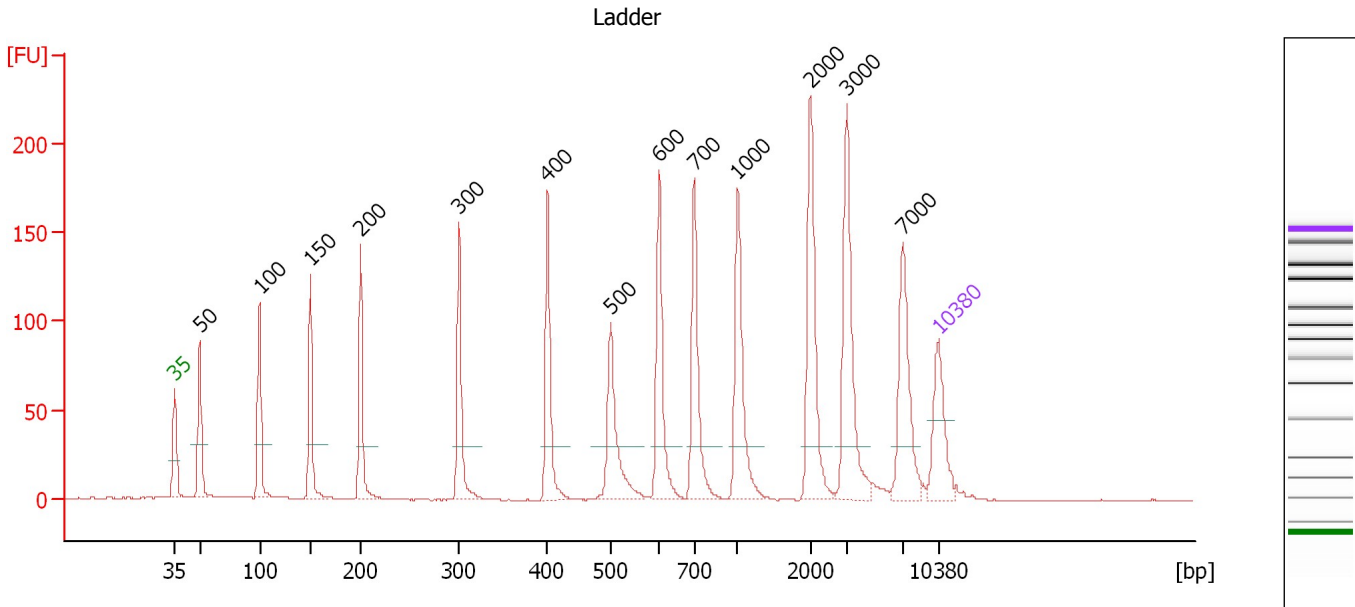
**Ladder**

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\2019-01-31\2019-01-31\_003.xad

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**Electropherogram Summary**



**Overall Results for Ladder**

Noise: 0.3

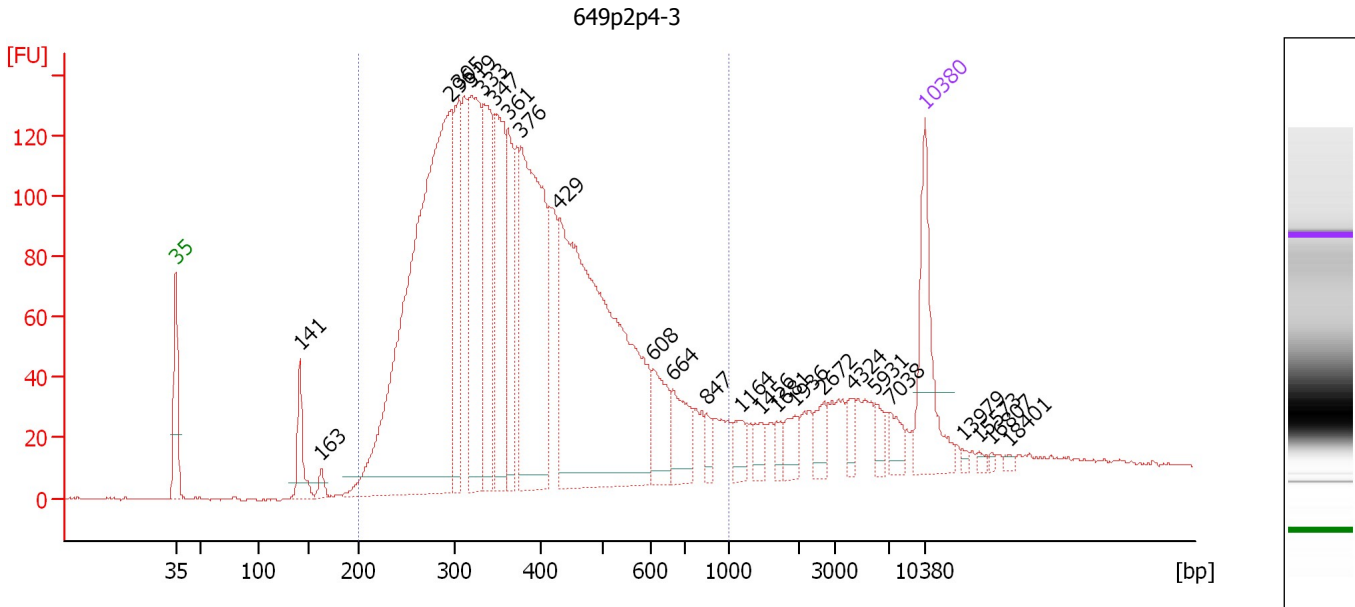
**Peak table for Ladder**

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	45.30
3	100	150.00	2,272.7	Ladder Peak	50.77
4	150	150.00	1,515.2	Ladder Peak	55.42
5	200	150.00	1,136.4	Ladder Peak	60.06
6	300	150.00	757.6	Ladder Peak	69.05
7	400	150.00	568.2	Ladder Peak	77.17
8	500	150.00	454.5	Ladder Peak	82.94
9	600	150.00	378.8	Ladder Peak	87.39
10	700	150.00	324.7	Ladder Peak	90.61
11	1,000	150.00	227.3	Ladder Peak	94.62
12	2,000	150.00	113.6	Ladder Peak	101.27
13	3,000	150.00	75.8	Ladder Peak	104.64
14	7,000	150.00	32.5	Ladder Peak	109.72
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-31\2019-01-31\_003.xad

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 Modified: 1/31/2019 3:36:16 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 1 : 649p2p4-3**

Number of peaks found: 25                      Corr. Area 1: 3,243.8  
 Noise: 0.4

**Peak table for sample 1 : 649p2p4-3**

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	141	52.44	564.4		54.56
3	163	11.36	105.7		56.60
4	296	783.07	4,006.3		68.71
5	305	134.13	666.4		69.46
6	319	221.45	1,051.6		70.60
7	333	154.97	704.7		71.75
8	347	166.90	729.4		72.84
9	361	99.94	419.0		74.04
10	376	310.84	1,252.0		75.23
11	429	555.78	1,964.5		78.82
12	608	52.68	131.3		87.64
13	664	47.51	108.5		89.43
14	847	11.97	21.4		92.57
15	1,164	17.72	23.1		95.71
16	1,456	11.72	12.2		97.65
17	1,681	9.61	8.7		99.15
18	1,936	16.96	13.3		100.84
19	2,672	19.04	10.8		103.53
20	4,324	13.16	4.6		106.32
21	5,931	11.49	2.9		108.37
22	7,038	15.40	3.3		109.76
23	10,380	75.00	10.9	Upper Marker	113.00
24	13,979	0.00	0.0		116.49
25	15,573	0.00	0.0		118.03

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-31\2019-01-31\_003.xad

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 Modified: 1/31/2019 3:36:16 PM

### Electropherogram Summary Continued ...

#### ... Peak table for sample 1 : 649p2p4-3

Peak	Size [bp]	Conc. [pg/ $\mu$ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	16,807	0.00	0.0		119.23
27	18,401	0.00	0.0		120.77

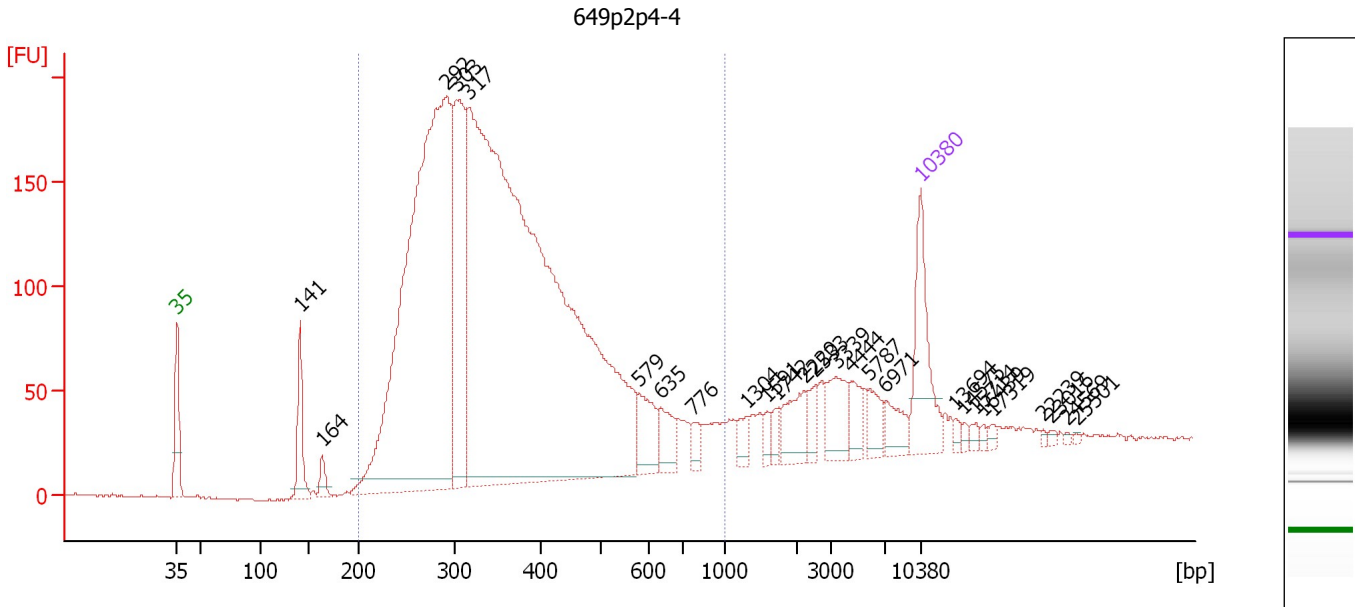
#### Region table for sample 1 : 649p2p4-3

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	394	2,780.23	3,243.8	12,109.8	 88	34.0

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-31\2019-01-31\_003.xad

Created: 1/31/2019 2:55:51 PM  
 Modified: 1/31/2019 3:36:16 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 2 : 649p2p4-4**

Number of peaks found: 26                      Corr. Area 1: 3,927.4  
 Noise: 0.7

**Peak table for sample 2 : 649p2p4-4**

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	141	71.97	772.8		54.59
3	164	19.10	176.6		56.70
4	292	1,036.64	5,377.9		68.34
5	303	252.90	1,264.8		69.29
6	317	1,760.35	8,409.2		70.45
7	579	48.41	126.7		86.46
8	635	35.41	84.5		88.51
9	776	15.45	30.2		91.62
10	1,304	15.19	17.6		96.64
11	1,591	10.16	9.7		98.55
12	1,742	8.95	7.8		99.55
13	2,220	36.23	24.7		102.01
14	2,533	15.57	9.3		103.06
15	3,339	38.91	17.7		105.07
16	4,444	23.23	7.9		106.48
17	5,787	20.14	5.3		108.18
18	6,971	24.07	5.2		109.69
19	10,380	75.00	10.9	Upper Marker	113.00
20	13,694	0.00	0.0		116.21
21	14,575	0.00	0.0		117.06
22	15,714	0.00	0.0		118.17
23	16,439	0.00	0.0		118.87
24	17,319	0.00	0.0		119.72
25	22,239	0.00	0.0		124.49

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-31\2019-01-31\_003.xad

Created: 1/31/2019 2:55:51 PM  
 Modified: 1/31/2019 3:36:16 PM

### Electropherogram Summary Continued ...

#### ... Peak table for sample 2 : 649p2p4-4

Peak	Size [bp]	Conc. [pg/ $\mu$ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	23,016	0.00	0.0		125.24
27	24,569	0.00	0.0		126.75
28	25,501	0.00	0.0		127.65

#### Region table for sample 2 : 649p2p4-4

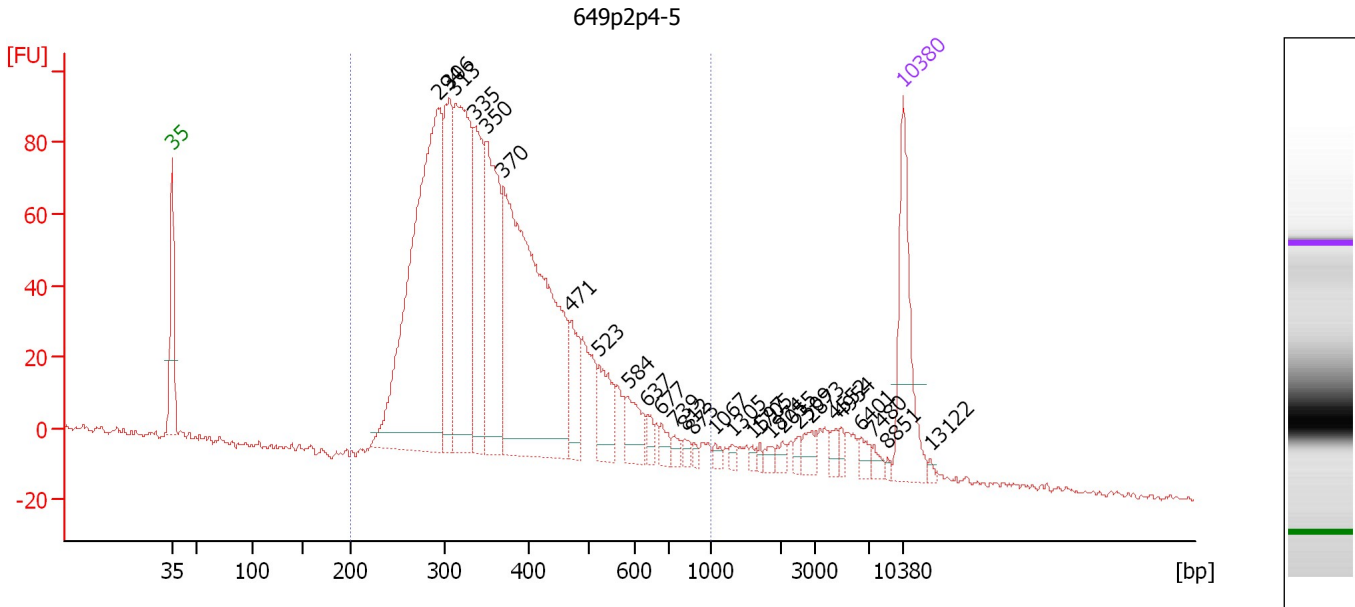
From [bp]	To [bp]	Average Size [bp]	Conc. [pg/ $\mu$ l]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	373	2,851.28	3,927.4	12,940.8	 86	33.1



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-31\2019-01-31\_003.xad

Created: 1/31/2019 2:55:51 PM  
 Modified: 1/31/2019 3:36:16 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 3 : 649p2p4-5**

Number of peaks found: 28                      Corr. Area 1: 1,932.9  
 Noise: 1.0

**Peak table for sample 3 : 649p2p4-5**

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	294	491.00	2,532.2		68.50
3	306	129.62	641.1		69.57
4	313	250.45	1,211.3		70.13
5	335	124.08	560.7		71.92
6	350	179.02	775.4		73.09
7	370	441.21	1,807.0		74.73
8	471	41.44	133.3		81.27
9	523	44.25	128.1		83.98
10	584	29.78	77.2		86.69
11	637	9.38	22.3		88.58
12	677	10.45	23.4		89.85
13	739	6.78	13.9		91.13
14	812	5.96	11.1		92.10
15	873	3.66	6.4		92.92
16	1,067	4.87	6.9		95.07
17	1,305	3.83	4.4		96.65
18	1,597	3.09	2.9		98.59
19	1,705	3.01	2.7		99.31
20	1,874	5.14	4.2		100.43
21	2,055	5.68	4.2		101.45
22	2,509	4.98	3.0		102.99
23	2,873	11.06	5.8		104.21
24	4,552	6.67	2.2		106.61
25	4,954	5.54	1.7		107.12

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-31\2019-01-31\_003.xad

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### Electropherogram Summary Continued ...

#### ... Peak table for sample 3 : 649p2p4-5

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	6,401	7.93	1.9		108.96
27	7,480	5.39	1.1		110.19
28	8,851	2.14	0.4		111.52
29	10,380	75.00	10.9	Upper Marker	113.00
30	13,122	0.00	0.0		115.66

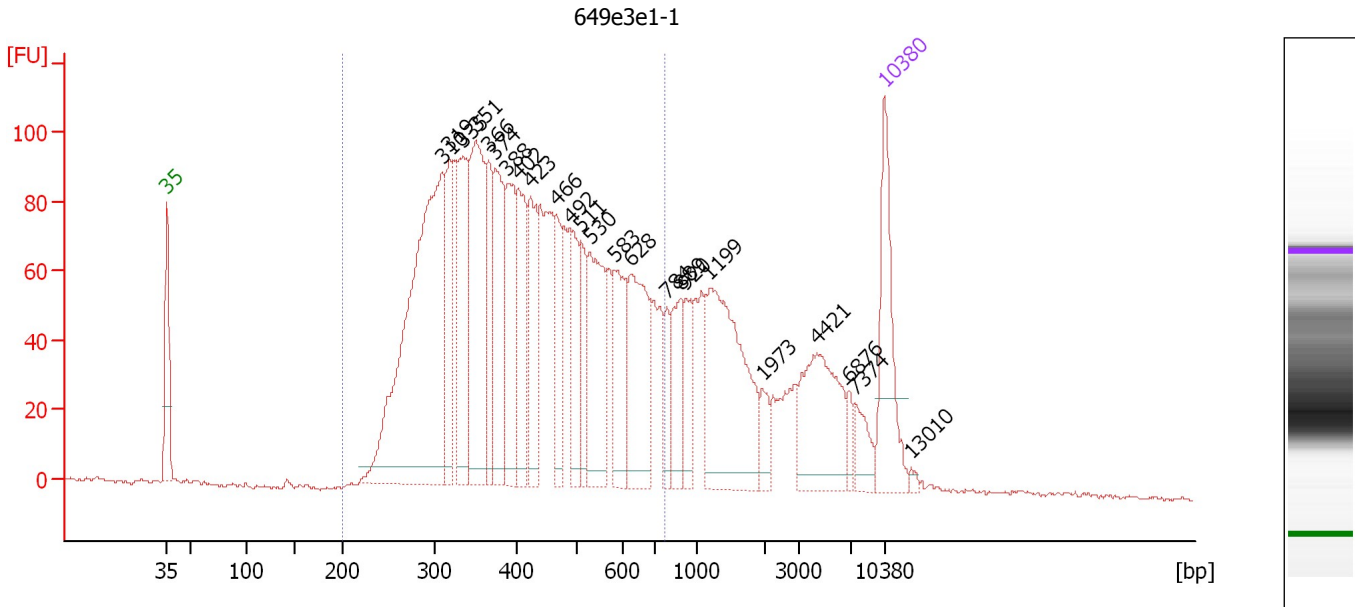
#### Region table for sample 3 : 649p2p4-5

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	379	1,858.92	1,932.9	8,145.9	92	29.7

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-31\2019-01-31\_003.xad

Created: 1/31/2019 2:55:51 PM  
 Modified: 1/31/2019 3:36:16 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 4 : 649e3e1-1**

Number of peaks found: 24      Corr. Area 1: 2,590.6  
 Noise: 0.5

**Peak table for sample 4 : 649e3e1-1**

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	310	472.19	2,305.9		69.89
3	319	84.45	401.6		70.56
4	335	124.09	560.8		71.92
5	351	186.86	807.5		73.16
6	366	70.26	290.8		74.41
7	374	118.18	479.2		75.04
8	388	96.44	376.2		76.23
9	402	91.08	343.5		77.27
10	423	82.54	296.0		78.47
11	466	59.26	192.8		80.96
12	492	62.08	191.2		82.47
13	511	44.38	131.7		83.41
14	530	109.52	312.8		84.29
15	583	73.89	192.0		86.63
16	628	112.60	271.6		88.30
17	784	27.76	53.7		91.73
18	889	50.08	85.4		93.13
19	920	37.83	62.3		93.55
20	1,199	170.29	215.2		95.94
21	1,973	17.00	13.0		101.09
22	4,421	93.51	32.0		106.45
23	6,876	10.44	2.3		109.57
24	7,374	22.53	4.6		110.09
25	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-31\2019-01-31\_003.xad

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**Electropherogram Summary Continued ...****... Peak table for sample 4 : 649e3e1-1**

Peak	Size [bp]	Conc. [pg/ $\mu$ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	13,010	0.00	0.0		115.55

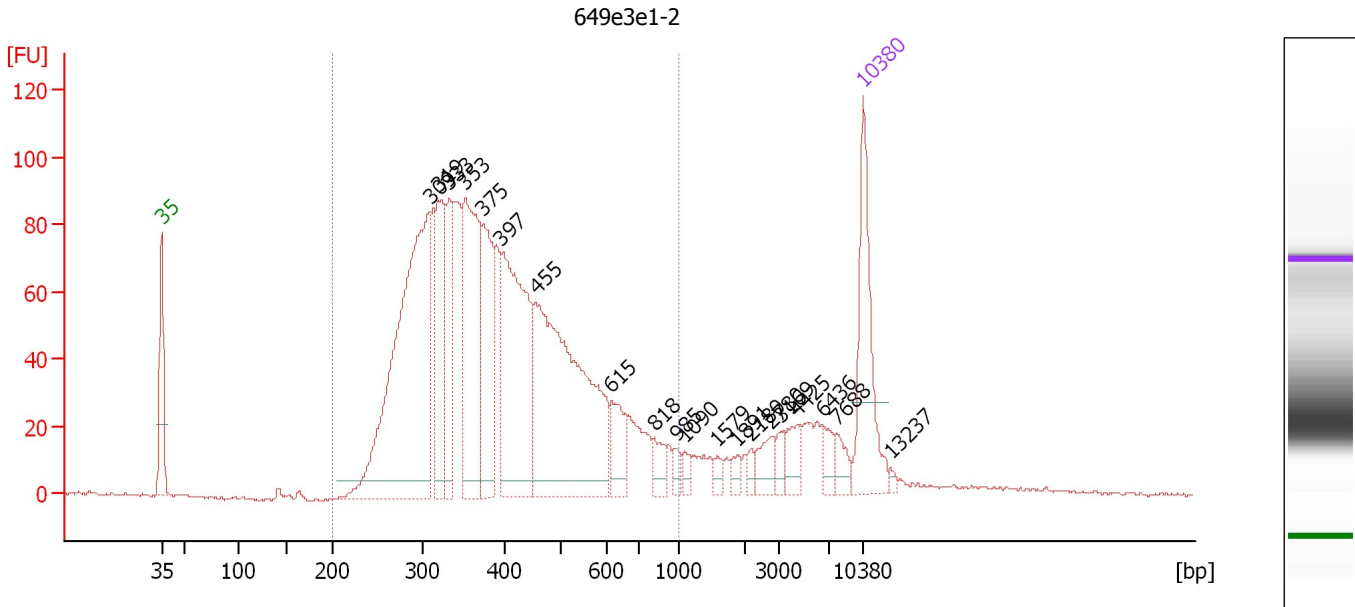
**Region table for sample 4 : 649e3e1-1**

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	765	428	2,167.76	2,590.6	8,579.6	 76	28.6

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-31\2019-01-31\_003.xad

Created: 1/31/2019 2:55:51 PM  
 Modified: 1/31/2019 3:36:16 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 5 : 649e3e1-2**

Number of peaks found: 20                      Corr. Area 1: 2,033.3  
 Noise: 0.3

**Peak table for sample 5 : 649e3e1-2**

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	309	400.24	1,963.2		69.78
3	319	111.63	529.6		70.63
4	333	70.70	322.1		71.69
5	353	180.54	775.3		73.34
6	375	109.56	442.5		75.15
7	397	207.35	790.5		76.96
8	455	309.15	1,028.4		80.37
9	615	36.01	88.7		87.87
10	818	16.60	30.8		92.19
11	985	7.35	11.3		94.42
12	1,090	7.09	9.9		95.22
13	1,579	6.36	6.1		98.47
14	1,891	6.82	5.5		100.54
15	2,180	5.76	4.0		101.87
16	2,780	17.13	9.3		103.90
17	3,169	8.51	4.1		104.86
18	4,425	16.59	5.7		106.45
19	6,436	13.57	3.2		109.01
20	7,688	11.92	2.3		110.39
21	10,380	75.00	10.9	Upper Marker	113.00
22	13,237	0.00	0.0		115.77

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-31\2019-01-31\_003.xad

Created: 1/31/2019 2:55:51 PM  
Modified: 1/31/2019 3:36:16 PM

**Electropherogram Summary Continued ...**

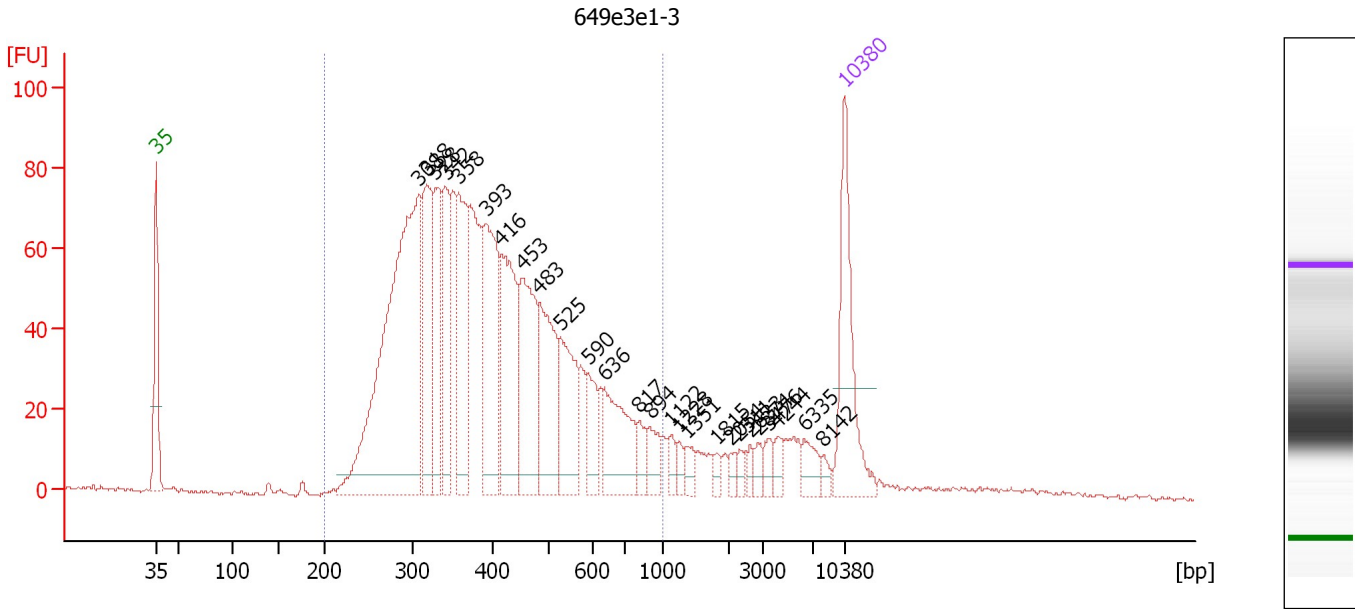
... Region table for sample 5 : 649e3e1-2

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/ $\mu$ l]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	414	1,645.66	2,033.3	6,750.2	 88	32.4

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-31\2019-01-31\_003.xad

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 Modified: 1/31/2019 3:36:16 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 6 : 649e3e1-3**

Number of peaks found: 26      Corr. Area 1: 1,863.9  
 Noise: 0.6

**Peak table for sample 6 : 649e3e1-3**

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	308	420.33	2,070.0		69.68
3	318	116.26	553.3		70.54
4	328	86.54	399.3		71.36
5	342	83.64	370.1		72.50
6	358	112.13	474.9		73.74
7	393	119.20	460.1		76.56
8	416	115.73	421.7		78.08
9	453	107.35	358.7		80.25
10	483	94.61	296.5		81.99
11	525	73.15	211.2		84.05
12	590	32.56	83.7		86.92
13	636	67.85	161.6		88.55
14	817	14.34	26.6		92.18
15	894	17.45	29.6		93.21
16	1,122	8.62	11.6		95.43
17	1,228	7.62	9.4		96.14
18	1,351	9.58	10.7		96.95
19	1,815	5.12	4.3		100.04
20	2,054	5.75	4.2		101.45
21	2,311	6.03	4.0		102.32
22	2,633	5.15	3.0		103.40
23	2,874	7.15	3.8		104.22
24	3,476	8.52	3.7		105.25
25	4,244	8.49	3.0		106.22

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-31\2019-01-31\_003.xad

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### Electropherogram Summary Continued ...

#### ... Peak table for sample 6 : 649e3e1-3

Peak	Size [bp]	Conc. [pg/ $\mu$ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	6,335	14.54	3.5		108.88
27	8,142	5.28	1.0		110.83
28	10,380	75.00	10.9	Upper Marker	113.00

#### Region table for sample 6 : 649e3e1-3

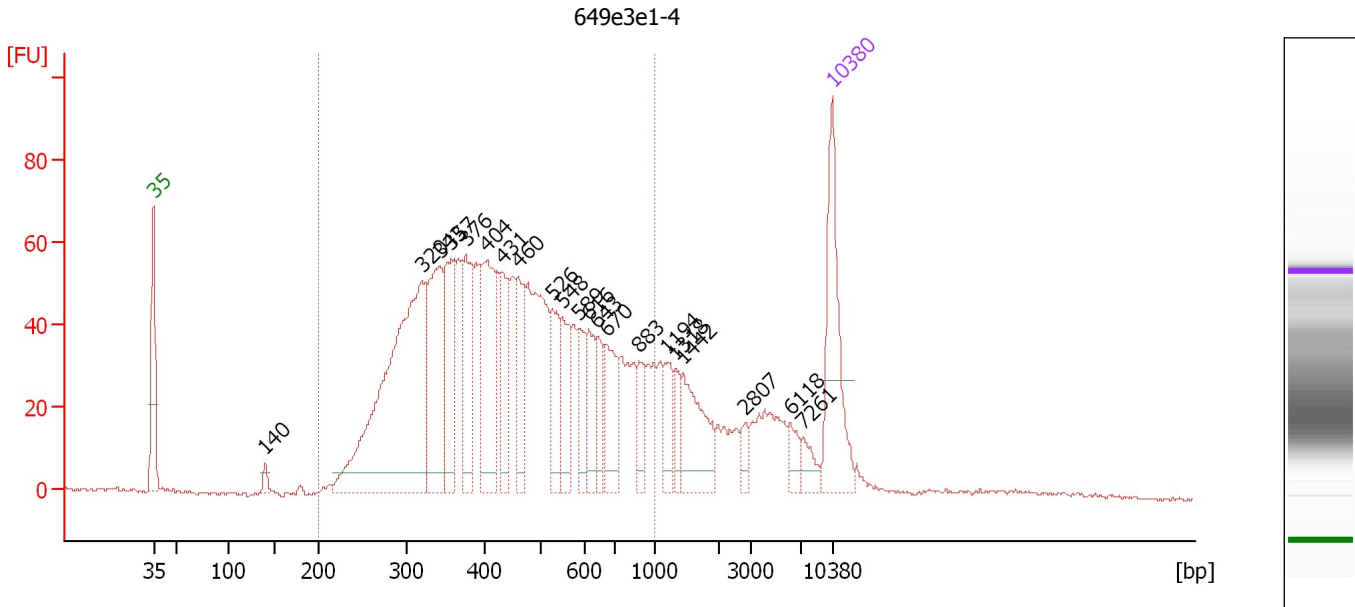
From [bp]	To [bp]	Average Size [bp]	Conc. [pg/ $\mu$ l]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	419	1,696.81	1,863.9	6,934.7	88	33.5



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-31\2019-01-31\_003.xad

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 Modified: 1/31/2019 3:36:16 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 7 : 649e3e1-4**

Number of peaks found: 21                      Corr. Area 1: 1,664.4  
 Noise: 0.5

**Peak table for sample 7 : 649e3e1-4**

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	140	8.10	87.7		54.48
3	320	347.33	1,643.6		70.69
4	343	124.49	550.7		72.51
5	357	82.56	350.0		73.71
6	376	75.87	306.0		75.20
7	404	98.50	369.5		77.40
8	431	59.43	209.1		78.93
9	460	56.45	185.9		80.64
10	526	47.44	136.6		84.10
11	548	43.38	119.9		85.09
12	589	30.85	79.4		86.90
13	616	35.40	87.1		87.89
14	643	26.67	62.9		88.77
15	670	44.54	100.7		89.65
16	883	24.70	42.4		93.05
17	1,194	23.44	29.7		95.91
18	1,318	16.86	19.4		96.74
19	1,442	55.34	58.1		97.56
20	2,807	9.09	4.9		103.99
21	6,118	12.00	3.0		108.60
22	7,261	12.24	2.6		109.98
23	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-31\2019-01-31\_003.xad

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Modified: 1/31/2019 3:36:16 PM

**Electropherogram Summary Continued ...**

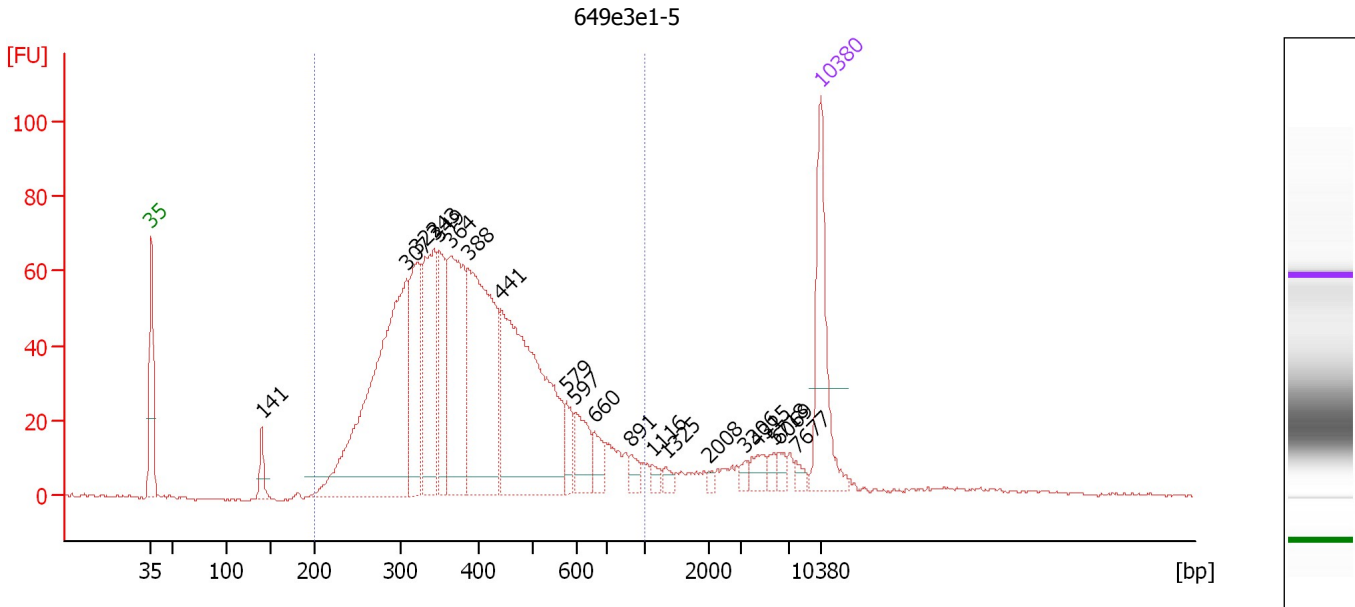
... Region table for sample 7 : 649e3e1-4

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	467	1,552.96	1,664.4	5,874.7	 81	35.7

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-31\2019-01-31\_003.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 8 : 649e3e1-5**

Number of peaks found: 20                      Corr. Area 1: 1,575.9  
 Noise: 0.4

**Peak table for sample 8 : 649e3e1-5**


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	141	21.20	228.5		54.54
3	307	380.24	1,875.3		69.64
4	322	111.19	523.8		70.81
5	343	135.66	599.4		72.54
6	349	76.78	333.2		73.04
7	364	162.11	674.4		74.27
8	388	231.94	906.7		76.16
9	441	284.40	976.1		79.56
10	579	20.34	53.2		86.47
11	597	35.22	89.4		87.25
12	660	18.01	41.4		89.31
13	891	10.18	17.3		93.16
14	1,116	5.76	7.8		95.39
15	1,325	5.31	6.1		96.78
16	2,008	2.84	2.1		101.30
17	3,306	4.79	2.2		105.03
18	4,315	11.11	3.9		106.31
19	5,718	5.71	1.5		108.10
20	6,069	6.85	1.7		108.54
21	7,677	5.57	1.1		110.38
22	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-31\2019-01-31\_003.xad

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**Electropherogram Summary Continued ...**

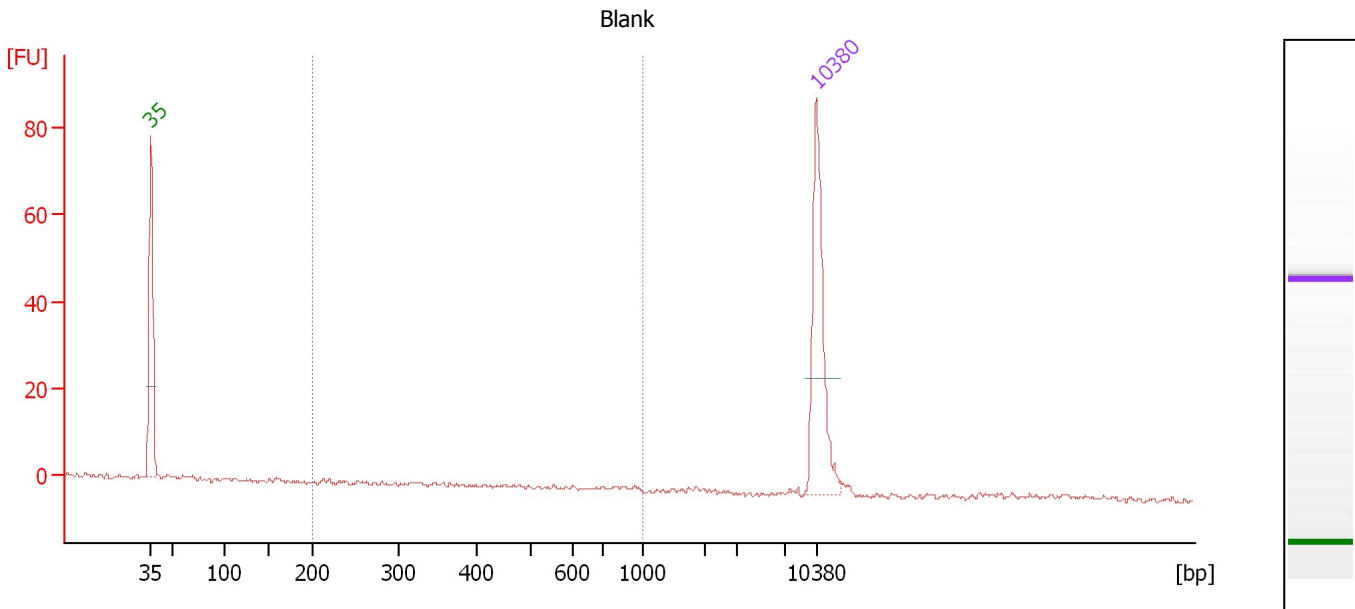
... Region table for sample 8 : 649e3e1-5

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	411	1,556.66	1,575.9	6,449.3	 89	32.1

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-31\2019-01-31\_003.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 9 : Blank**

Number of peaks found: 0                      Corr. Area 1: 5.2  
 Noise: 0.5

**Peak table for sample 9 : Blank**

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

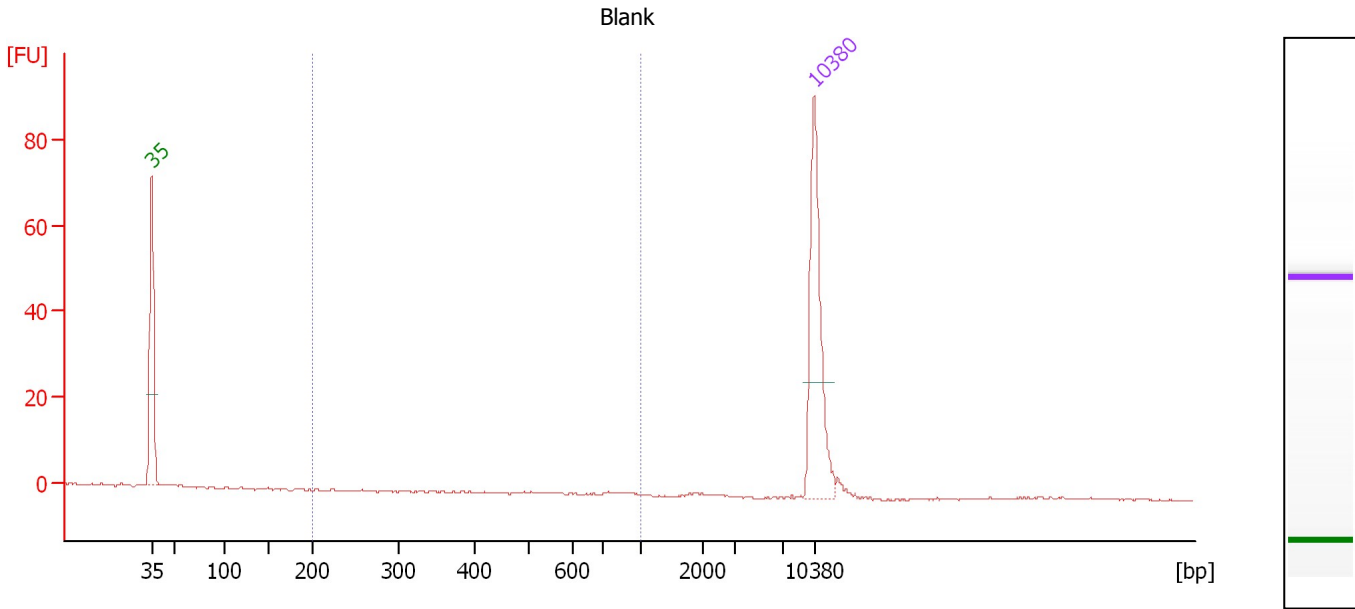
**Region table for sample 9 : Blank**

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	489	5.71	5.2	25.2	20	51.2

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-31\2019-01-31\_003.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 10 : Blank**

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

**Peak table for sample 10 : Blank**

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

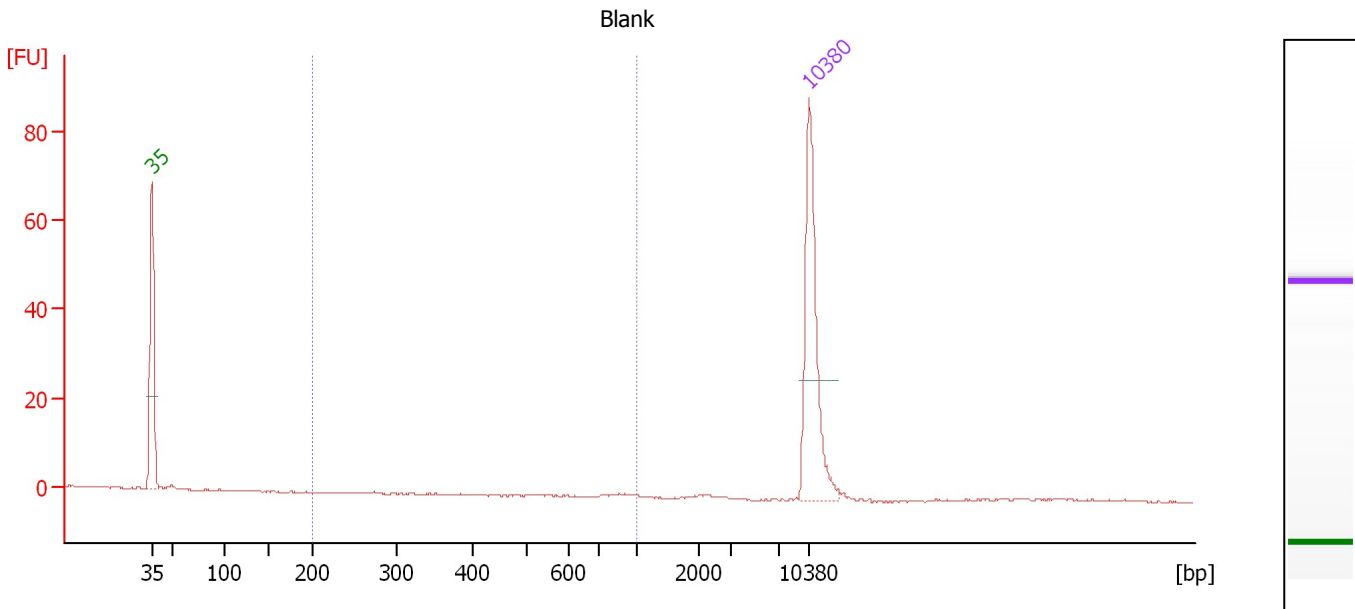
**Region table for sample 10 : Blank**

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	0	0.00	0.0	0.0	0	0.0

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-31\2019-01-31\_003.xad

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 Modified: 1/31/2019 3:36:16 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 11 : Blank**

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

**Peak table for sample 11 : Blank**

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 11 : Blank**

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	879	0.14	0.2	0.2	2	3.1

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-31\2019-01-31\_003.xad

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Modified: 1/31/2019 3:36:16 PM

**Gel Image**

