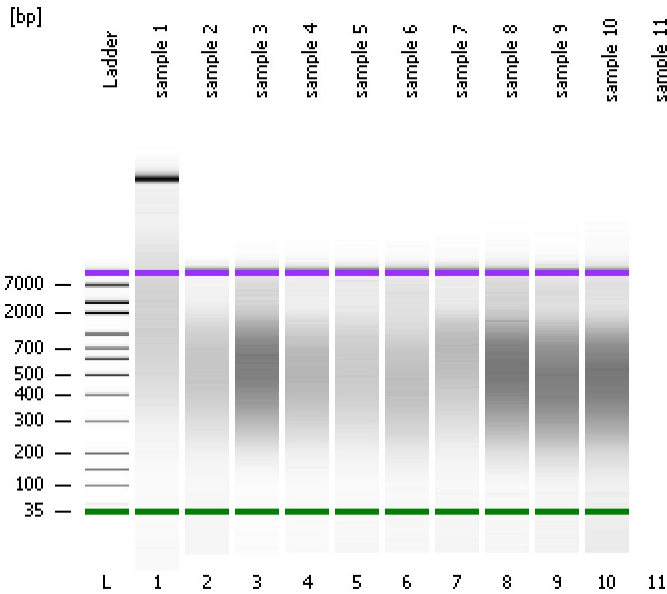


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2014-08-04\2014-08-04\_008.xad

Created: 8/4/2014 5:39:40 PM  
Modified: 8/7/2014 4:12:05 PM

### Electrophoresis File Run Summary



#### Instrument Information:

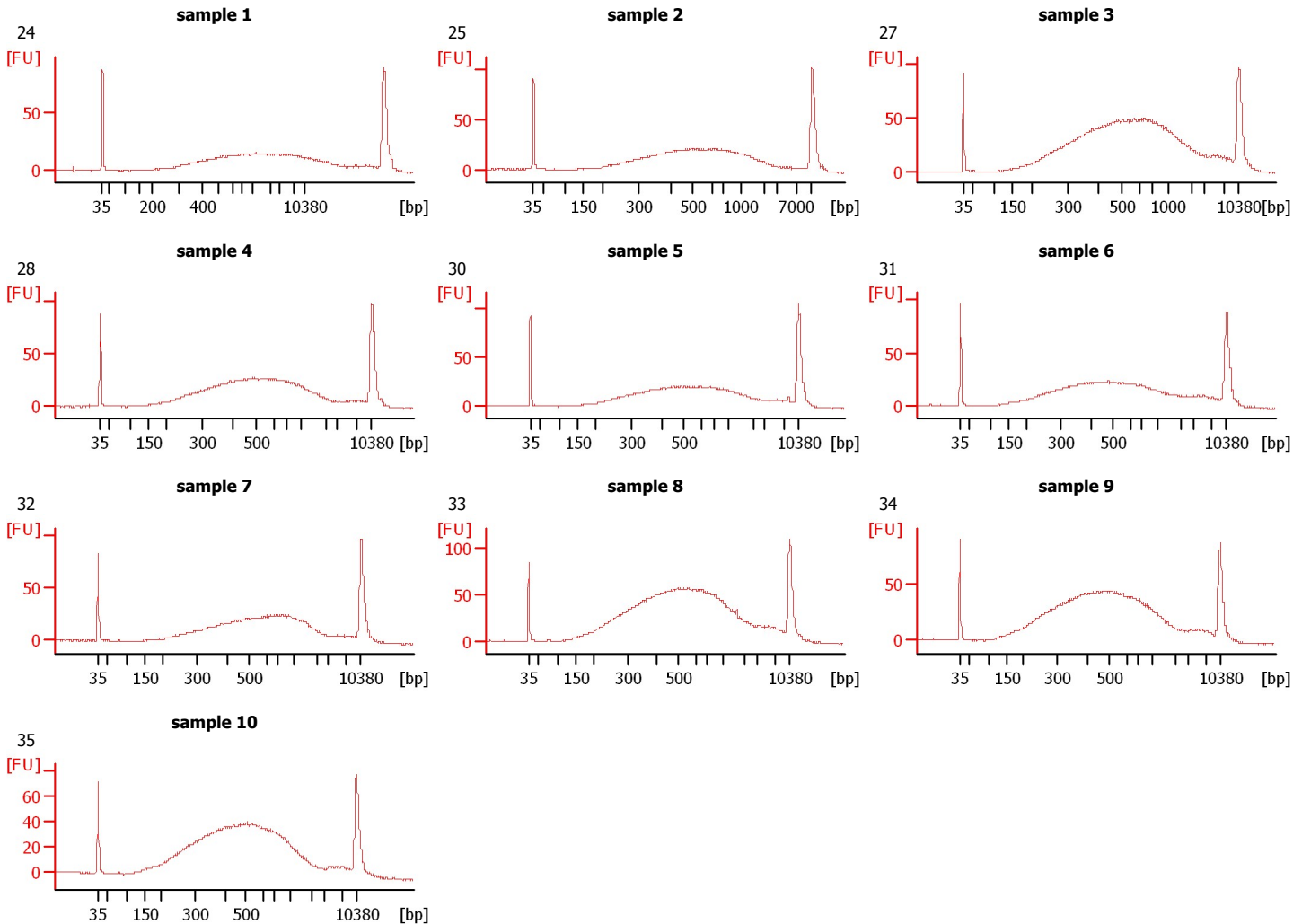
Instrument Name: DE13701086      Firmware: C.01.069  
Serial#: DE13701086      Type: G2938B

#### 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\2014-08-04\2014-08-04\_008.xad

Created: 8/4/2014 5:39:40 PM  
 Modified: 8/7/2014 4:12:05 PM

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

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
sample 1	24	<input type="checkbox"/>	✓			
sample 2	25	<input type="checkbox"/>	✓			
sample 3	27	<input type="checkbox"/>	✓			
sample 4	28	<input type="checkbox"/>	✓			
sample 5	30	<input type="checkbox"/>	✓			
sample 6	31	<input type="checkbox"/>	✓			
sample 7	32	<input type="checkbox"/>	✓			
sample 8	33	<input type="checkbox"/>	✓			
sample 9	34	<input type="checkbox"/>	✓			
sample 10	35	<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\2014-08-04\2014-08-04\_008.xad

Created: 8/4/2014 5:39:40 PM  
Modified: 8/7/2014 4:12:05 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

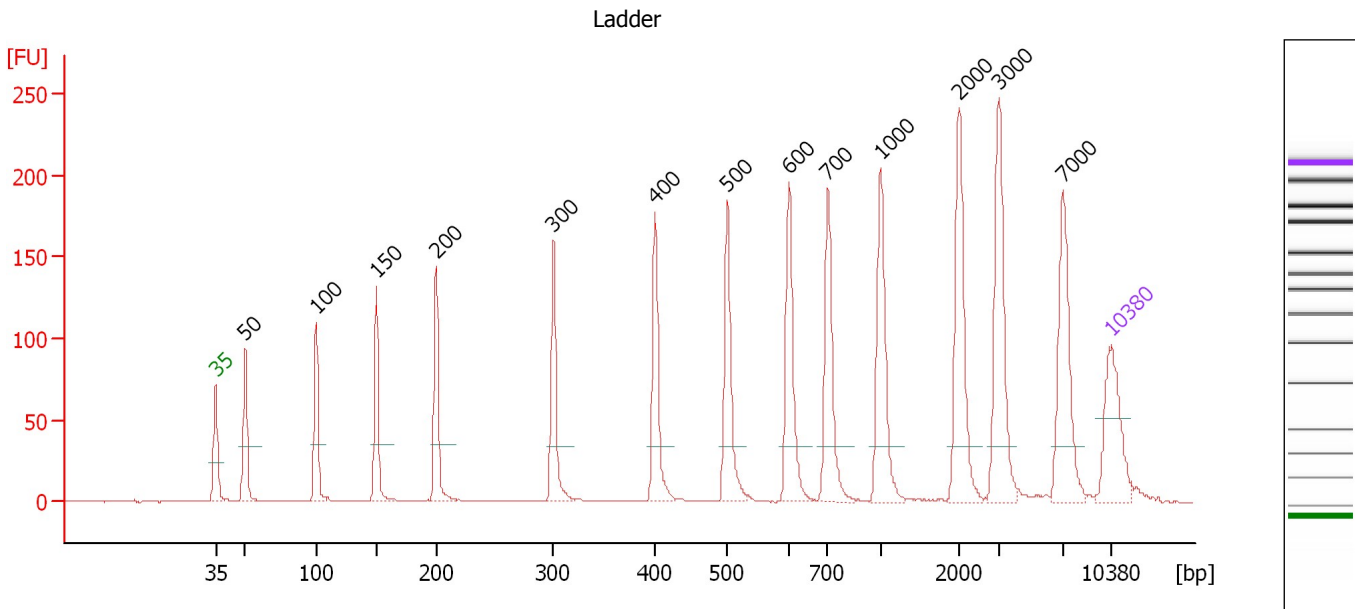
**Ladder**

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\2014-08-04\2014-08-04\_008.xad

Created: 8/4/2014 5:39:40 PM  
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**Electropherogram Summary**



**Overall Results for Ladder**

Noise: 0.2

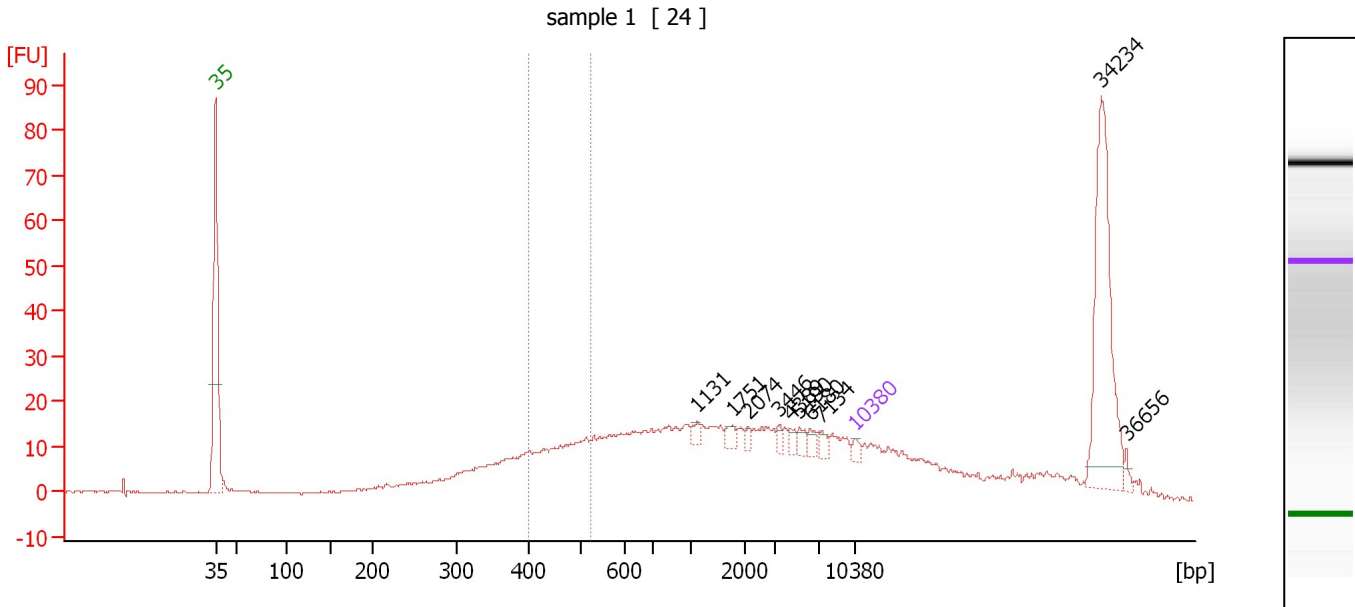
**Peak table for Ladder**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	50	150.00	4,545.5	Ladder Peak
3	100	150.00	2,272.7	Ladder Peak
4	150	150.00	1,515.2	Ladder Peak
5	200	150.00	1,136.4	Ladder Peak
6	300	150.00	757.6	Ladder Peak
7	400	150.00	568.2	Ladder Peak
8	500	150.00	454.5	Ladder Peak
9	600	150.00	378.8	Ladder Peak
10	700	150.00	324.7	Ladder Peak
11	1,000	150.00	227.3	Ladder Peak
12	2,000	150.00	113.6	Ladder Peak
13	3,000	150.00	75.8	Ladder Peak
14	7,000	150.00	32.5	Ladder Peak
15	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2014-08-04\2014-08-04\_008.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 1 : sample 1**

Number of peaks found: 10                      Corr. Area 1: 80.8  
 Noise: 0.2

**Peak table for sample 1 : sample 1**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	1,131	89.30	119.6	
3	1,751	102.83	89.0	
4	2,074	61.78	45.1	
5	3,446	75.00	33.0	
6	4,389	83.40	28.8	
7	5,190	111.80	32.6	
8	6,180	94.79	23.2	
9	7,134	100.65	21.4	
10	10,380	75.00	10.9	Upper Marker
11	34,234	0.00	0.0	
12	36,656	0.00	0.0	

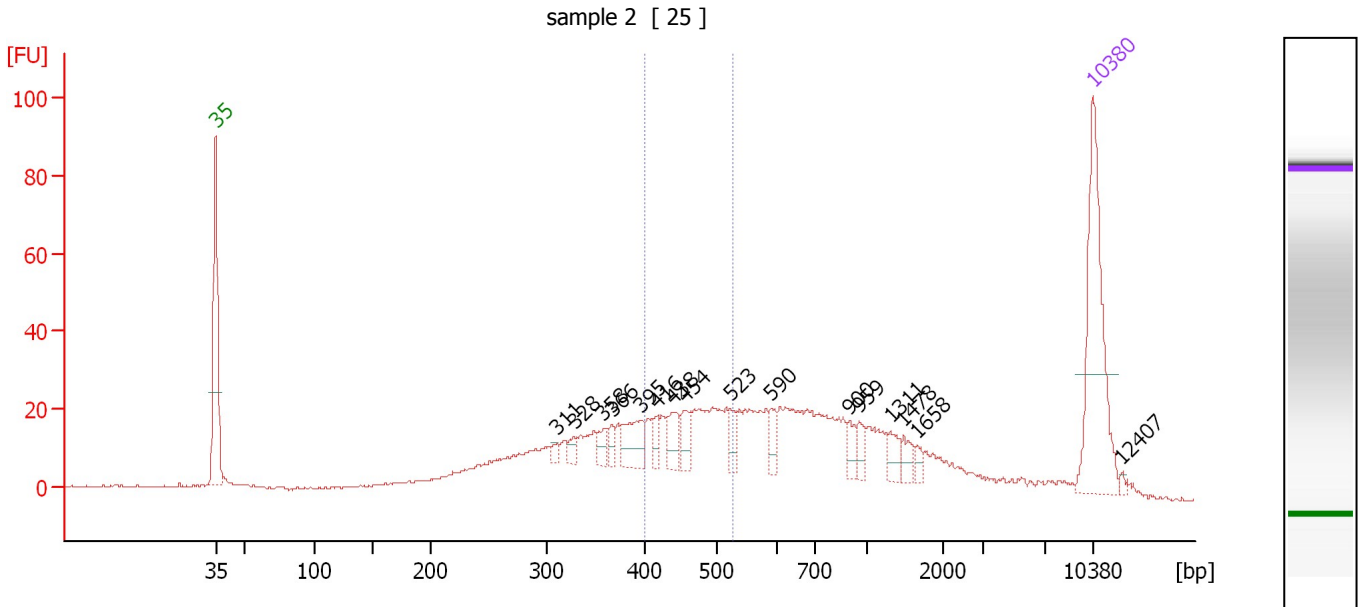
**Region table for sample 1 : sample 1**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
398	523	461	6,993.0	2,118.01	80.8	10	7.8

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2014-08-04\2014-08-04\_008.xad

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 Modified: 8/7/2014 4:12:05 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 2 : sample 2**

Number of peaks found: 16      Corr. Area 1: 191.0  
 Noise: 0.2

**Peak table for sample 2 : sample 2**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	311	4.60	22.4	
3	328	6.75	31.2	
4	358	8.36	35.4	
5	366	7.02	29.1	
6	395	24.48	93.9	
7	416	8.98	32.8	
8	438	17.73	61.3	
9	454	14.19	47.4	
10	523	9.22	26.7	
11	590	10.64	27.3	
12	900	8.47	14.3	
13	959	8.21	13.0	
14	1,311	9.32	10.8	
15	1,478	7.33	7.5	
16	1,658	3.92	3.6	
17	10,380	75.00	10.9	Upper Marker
18	12,407	0.00	0.0	

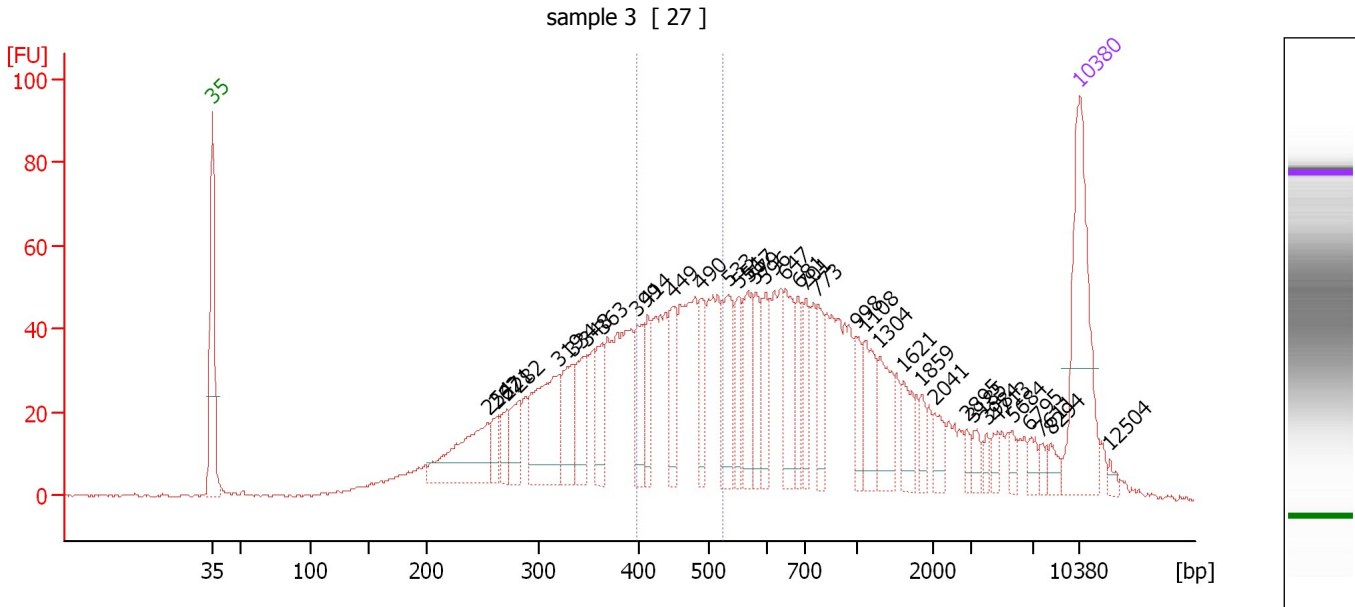
**Region table for sample 2 : sample 2**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
398	526	461	537.5	162.92	191.0	21	7.9

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2014-08-04\2014-08-04\_008.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 3 : sample 3**

Number of peaks found: 36                      Corr. Area 1: 404.2  
 Noise: 0.4

**Peak table for sample 3 : sample 3**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	254	71.07	423.2	
3	262	17.12	98.9	
4	271	17.20	96.0	
5	282	25.63	137.8	
6	319	79.76	378.3	
7	334	37.76	171.3	
8	348	36.33	158.1	
9	363	28.62	119.4	
10	399	32.02	121.4	
11	414	23.82	87.2	
12	449	32.26	109.0	
13	490	27.21	84.2	
14	533	40.63	115.4	
15	551	23.27	64.1	
16	567	32.23	86.2	
17	579	24.48	64.0	
18	596	27.23	69.2	
19	647	35.98	84.3	
20	681	21.87	48.7	
21	701	23.31	50.4	
22	773	24.67	48.4	
23	998	14.70	22.3	
24	1,108	29.04	39.7	
25	1,304	27.38	31.8	
26	1,621	17.06	15.9	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2014-08-04\2014-08-04\_008.xad

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 Modified: 8/7/2014 4:12:05 PM

### Electropherogram Summary Continued ...

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

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	1,859	8.18	6.7	
28	2,041	11.08	8.2	
29	2,895	4.72	2.5	
30	3,185	6.94	3.3	
31	3,984	4.63	1.8	
32	4,713	6.00	1.9	
33	5,684	4.57	1.2	
34	6,795	6.25	1.4	
35	7,611	4.54	0.9	
36	8,294	6.12	1.1	
37	10,380	75.00	10.9	Upper Marker
38	12,504	0.00	0.0	

#### Region table for sample 3 : sample 3

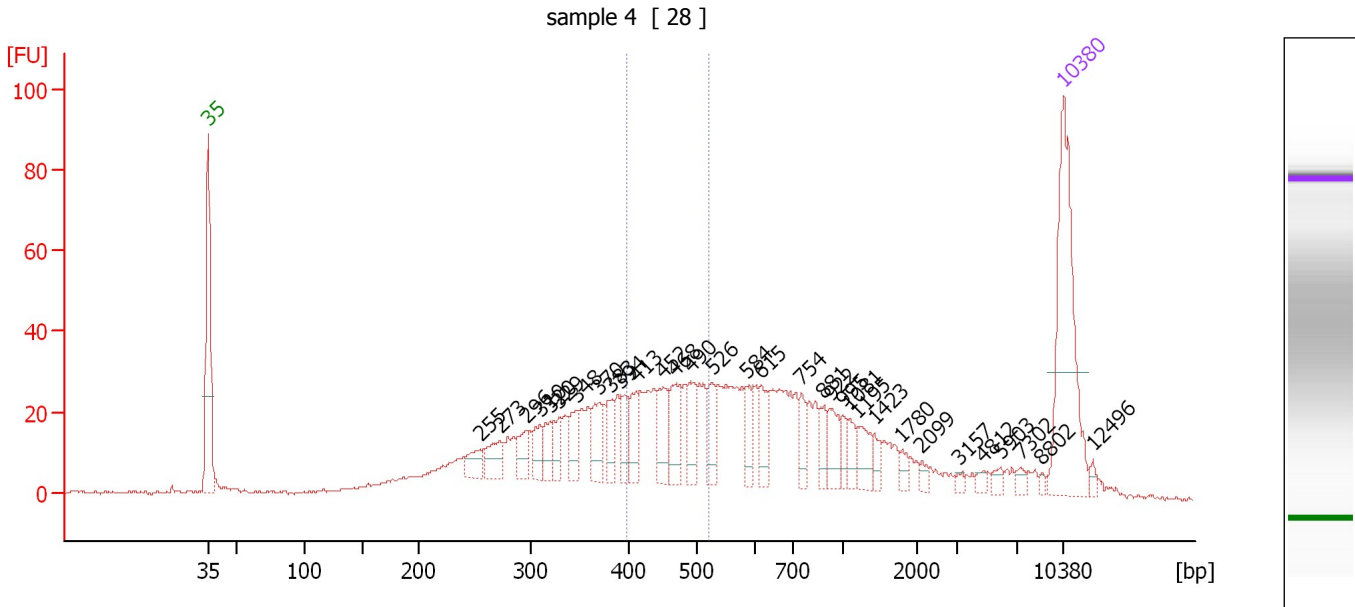
From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
398	523	460	1,057.3	319.88	 404.2	20	7.8



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2014-08-04\2014-08-04\_008.xad

Created: 8/4/2014 5:39:40 PM  
 Modified: 8/7/2014 4:12:05 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 4 : sample 4**

Number of peaks found: 32                      Corr. Area 1: 233.6  
 Noise: 0.4

**Peak table for sample 4 : sample 4**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	255	13.38	79.5	
3	273	18.78	104.3	
4	296	16.55	84.6	
5	310	14.01	68.5	
6	320	13.09	62.0	
7	329	14.55	67.0	
8	348	15.67	68.2	
9	370	18.73	76.7	
10	383	14.38	56.9	
11	394	12.98	50.0	
12	413	16.99	62.4	
13	452	21.65	72.6	
14	468	23.30	75.4	
15	490	19.27	59.6	
16	526	16.20	46.7	
17	584	13.78	35.7	
18	615	15.08	37.1	
19	754	10.33	20.8	
20	881	9.25	15.9	
21	922	14.07	23.1	
22	995	7.18	10.9	
23	1,081	8.12	11.4	
24	1,195	12.33	15.6	
25	1,423	5.94	6.3	
26	1,780	4.25	3.6	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2014-08-04\2014-08-04\_008.xad

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 Modified: 8/7/2014 4:12:05 PM

### Electropherogram Summary Continued ...

#### ... Peak table for sample 4 : sample 4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	2,099	2.74	2.0	
28	3,157	2.05	1.0	
29	4,812	2.59	0.8	
30	5,903	3.45	0.9	
31	7,302	3.01	0.6	
32	8,802	1.65	0.3	
33	10,380	75.00	10.9	Upper Marker
34	12,496	0.00	0.0	

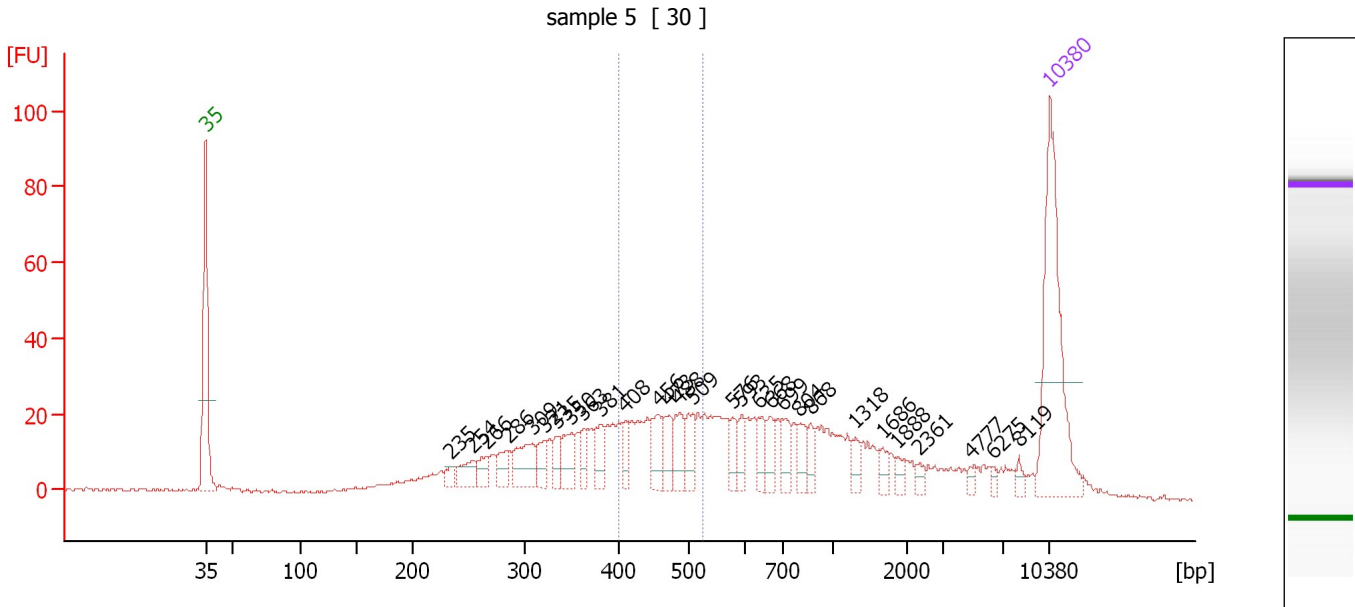
#### Region table for sample 4 : sample 4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
398	521	459	601.2	181.38	233.6	20	7.6

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2014-08-04\2014-08-04\_008.xad

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 Modified: 8/7/2014 4:12:05 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 5 : sample 5**

Number of peaks found: 29                      Corr. Area 1: 180.6  
 Noise: 0.3

**Peak table for sample 5 : sample 5**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	235	5.89	38.0	
3	254	13.31	79.3	
4	266	9.94	56.5	
5	286	13.26	70.2	
6	309	26.07	128.0	
7	321	12.76	60.2	
8	335	10.38	46.9	
9	350	16.89	73.1	
10	363	9.80	41.0	
11	381	14.50	57.7	
12	408	10.29	38.2	
13	456	17.26	57.4	
14	473	15.47	49.6	
15	488	18.03	56.0	
16	509	14.57	43.4	
17	576	9.82	25.8	
18	593	9.83	25.1	
19	635	11.70	27.9	
20	668	11.74	26.6	
21	699	12.90	28.0	
22	804	11.41	21.5	
23	868	7.39	12.9	
24	1,318	6.41	7.4	
25	1,686	5.50	4.9	
26	1,888	4.10	3.3	


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2014-08-04\2014-08-04\_008.xad

Created: 8/4/2014 5:39:40 PM  
Modified: 8/7/2014 4:12:05 PM

**Electropherogram Summary Continued ...****... Peak table for sample 5 : sample 5**

Peak	Size [bp]	Conc. [pg/ $\mu$ l]	Molarity [pmol/l]	Observations
27	2,361	3.49	2.2	
28	4,777	2.51	0.8	
29	6,275	2.30	0.6	
30	8,119	3.27	0.6	
31	10,380	75.00	10.9	Upper Marker

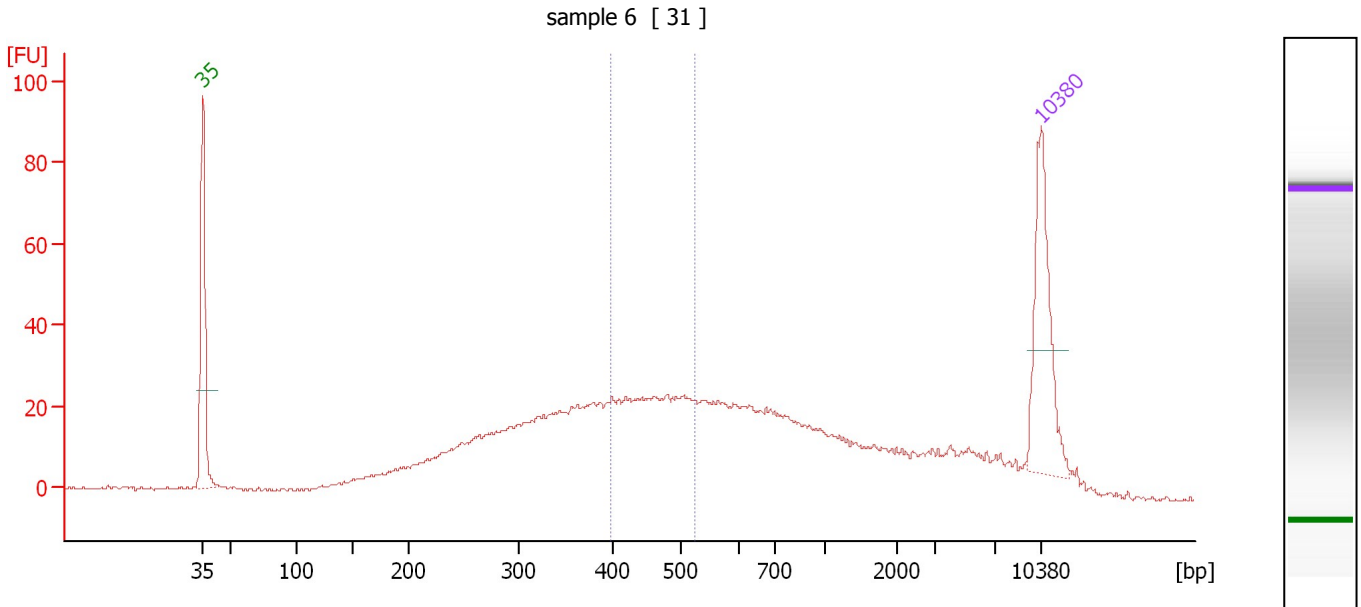
**Region table for sample 5 : sample 5**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ $\mu$ l]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
399	524	461	445.8	135.03	 180.6	19	7.7

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2014-08-04\2014-08-04\_008.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 6 : sample 6**

Number of peaks found: 0                      Corr. Area 1: 210.9  
 Noise: 0.3

**Peak table for sample 6 : sample 6**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	10,380	75.00	10.9	Upper Marker

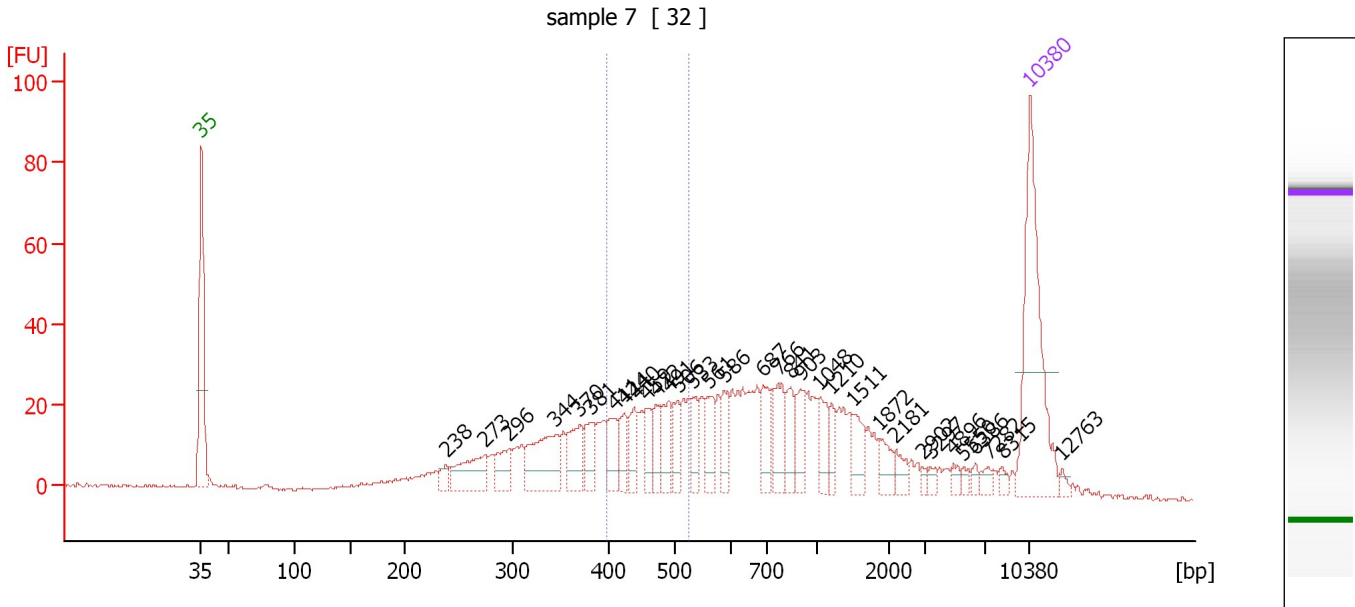
**Region table for sample 6 : sample 6**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
397	523	458	656.4	197.49	210.9	19	7.9

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2014-08-04\2014-08-04\_008.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 7 : sample 7**

Number of peaks found: 33                      Corr. Area 1: 185.5  
 Noise: 0.4

**Peak table for sample 7 : sample 7**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	238	7.72	49.2	
3	273	32.67	181.2	
4	296	18.52	94.8	
5	344	45.71	201.1	
6	370	24.89	101.9	
7	381	16.19	64.4	
8	411	19.20	70.8	
9	424	14.28	51.0	
10	440	16.84	58.0	
11	459	13.41	44.3	
12	472	15.68	50.3	
13	491	18.93	58.4	
14	506	13.05	39.1	
15	533	15.09	42.9	
16	561	18.43	49.8	
17	586	15.63	40.4	
18	687	21.47	47.4	
19	766	24.65	48.8	
20	841	16.56	29.8	
21	903	16.70	28.0	
22	1,048	14.91	21.6	
23	1,210	8.92	11.2	
24	1,511	14.37	14.4	
25	1,872	10.00	8.1	
26	2,181	6.98	4.9	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2014-08-04\2014-08-04\_008.xad

Created: 8/4/2014 5:39:40 PM  
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### Electropherogram Summary Continued ...

#### ... Peak table for sample 7 : sample 7

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	2,902	2.30	1.2	
28	3,297	2.81	1.3	
29	4,896	3.51	1.1	
30	5,550	2.77	0.8	
31	6,386	2.69	0.6	
32	7,282	3.86	0.8	
33	8,315	2.91	0.5	
34	10,380	75.00	10.9	Upper Marker
35	12,763	0.00	0.0	

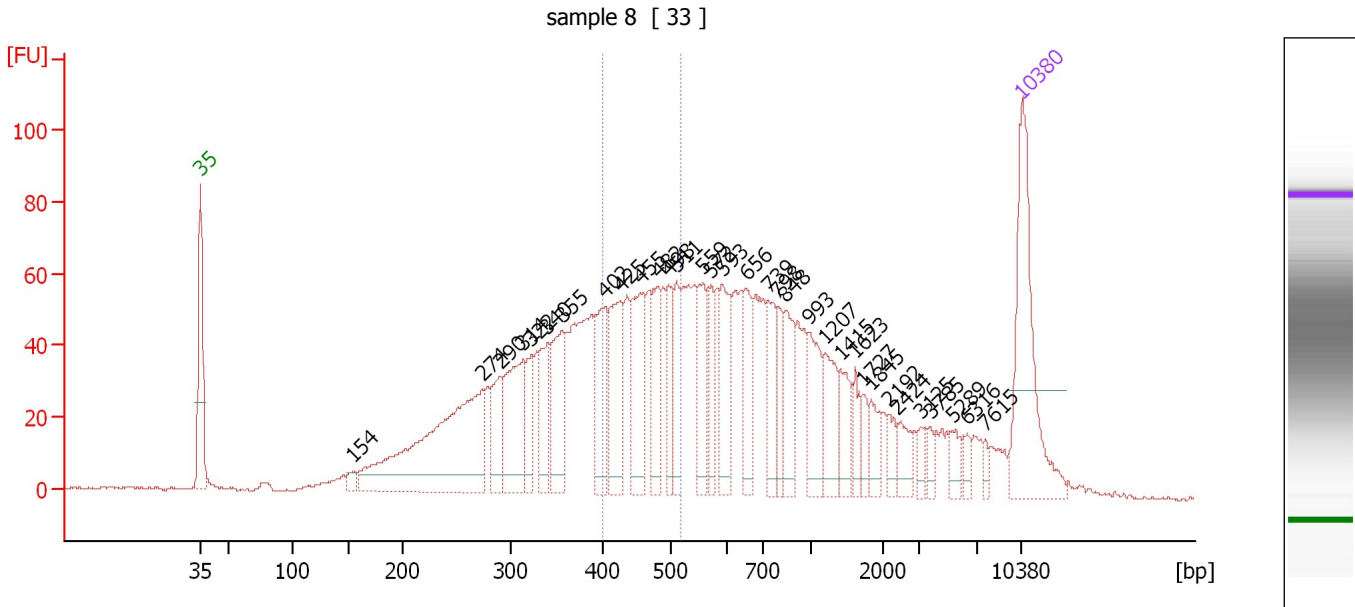
#### Region table for sample 7 : sample 7

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
398	525	462	494.7	150.23	185.5	19	7.9

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2014-08-04\2014-08-04\_008.xad

Created: 8/4/2014 5:39:40 PM  
 Modified: 8/7/2014 4:12:05 PM

**Electropherogram Summary Continued ...**



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

Number of peaks found: 33                      Corr. Area 1: 473.4  
 Noise: 0.4

**Peak table for sample 8 : sample 8**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	154	6.72	66.0	
3	274	193.26	1,068.3	
4	290	36.28	189.2	
5	314	68.07	328.3	
6	322	26.59	125.1	
7	340	34.85	155.4	
8	355	51.30	218.8	
9	402	49.94	188.2	
10	425	56.95	203.2	
11	455	49.80	165.8	
12	482	35.79	112.6	
13	498	29.48	89.8	
14	511	26.99	80.0	
15	559	34.93	94.7	
16	572	24.42	64.7	
17	593	37.86	96.7	
18	656	31.99	73.9	
19	739	29.83	61.2	
20	798	21.72	41.2	
21	848	31.78	56.8	
22	993	33.04	50.4	
23	1,207	28.13	35.3	
24	1,415	20.73	22.2	
25	1,623	12.41	11.6	
26	1,727	8.33	7.3	



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2014-08-04\2014-08-04\_008.xad

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 Modified: 8/7/2014 4:12:05 PM

### Electropherogram Summary Continued ...

#### ... Peak table for sample 8 : sample 8

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	1,845	14.16	11.6	
28	2,192	8.57	5.9	
29	2,424	11.94	7.5	
30	3,125	6.61	3.2	
31	3,785	5.31	2.1	
32	5,289	7.75	2.2	
33	6,316	5.50	1.3	
34	7,615	4.15	0.8	
35	10,380	75.00	10.9	Upper Marker

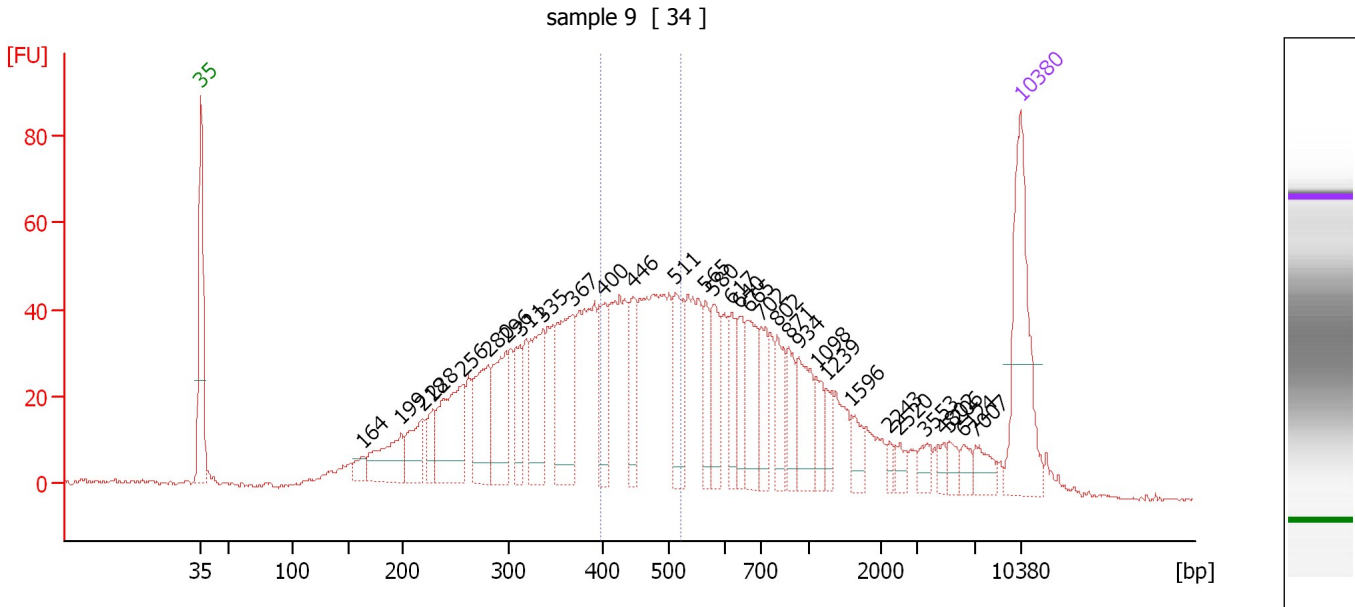
#### Region table for sample 8 : sample 8

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
400	521	459	1,007.5	304.62	473.4	19	7.5

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2014-08-04\2014-08-04\_008.xad

Created: 8/4/2014 5:39:40 PM  
 Modified: 8/7/2014 4:12:05 PM

**Electropherogram Summary Continued ...**



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

Number of peaks found: 32                      Corr. Area 1: 390.0  
 Noise: 0.4

**Peak table for sample 9 : sample 9**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	164	11.27	103.8	
3	199	50.25	382.4	
4	218	36.30	251.8	
5	228	20.63	136.9	
6	256	84.91	502.1	
7	280	64.35	348.7	
8	296	60.80	310.8	
9	311	33.38	162.7	
10	335	61.71	278.8	
11	367	86.04	354.8	
12	400	42.69	161.7	
13	446	38.00	129.1	
14	511	49.44	146.6	
15	565	26.50	71.0	
16	580	38.12	99.7	
17	617	25.61	62.9	
18	640	25.33	60.0	
19	665	41.18	93.8	
20	702	27.03	58.3	
21	802	28.53	53.9	
22	871	22.09	38.4	
23	934	36.51	59.2	
24	1,098	18.86	26.0	
25	1,239	12.02	14.7	
26	1,596	12.67	12.0	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2014-08-04\2014-08-04\_008.xad

Created: 8/4/2014 5:39:40 PM  
 Modified: 8/7/2014 4:12:05 PM

### Electropherogram Summary Continued ...

#### ... Peak table for sample 9 : sample 9

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	2,243	4.36	2.9	
28	2,520	7.14	4.3	
29	3,553	8.54	3.6	
30	4,802	5.78	1.8	
31	5,206	8.12	2.4	
32	6,124	7.65	1.9	
33	7,007	12.04	2.6	
34	▶ 10,380	75.00	10.9	Upper Marker

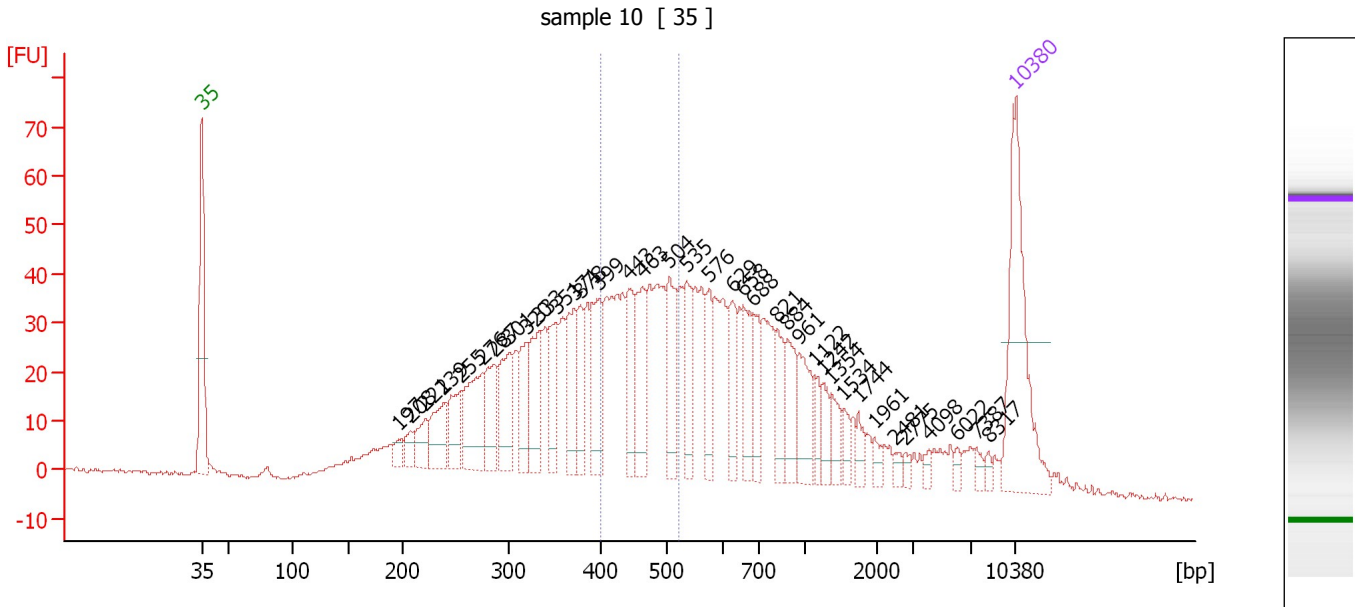
#### Region table for sample 9 : sample 9

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
398	522	458	1,140.8	343.59	■ 390.0	20	7.8

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2014-08-04\2014-08-04\_008.xad

Created: 8/4/2014 5:39:40 PM  
 Modified: 8/7/2014 4:12:05 PM

**Electropherogram Summary Continued ...**



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

Number of peaks found: 37      Corr. Area 1: 338.7  
 Noise: 0.4

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

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	197	8.19	62.9	
3	208	11.04	80.5	
4	221	19.71	134.9	
5	239	33.16	210.3	
6	255	31.01	183.9	
7	276	53.68	294.7	
8	287	37.26	197.1	
9	301	42.73	215.0	
10	320	31.33	148.2	
11	333	41.94	190.6	
12	351	34.43	148.5	
13	371	37.54	153.1	
14	378	26.26	105.3	
15	399	48.05	182.7	
16	443	34.96	119.7	
17	463	42.93	140.6	
18	504	42.92	129.1	
19	535	31.22	88.3	
20	576	24.68	65.0	
21	629	25.84	62.2	
22	658	28.20	64.9	
23	688	22.82	50.2	
24	821	21.56	39.8	
25	884	26.26	45.0	
26	961	29.51	46.5	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2014-08-04\2014-08-04\_008.xad

Created: 8/4/2014 5:39:40 PM  
 Modified: 8/7/2014 4:12:05 PM

**Electropherogram Summary Continued ...**

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

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	1,122	10.36	14.0	
28	1,242	11.38	13.9	
29	1,354	12.65	14.1	
30	1,534	7.63	7.5	
31	1,744	7.74	6.7	
32	1,961	5.06	3.9	
33	2,481	3.48	2.1	
34	2,775	3.60	2.0	
35	4,098	3.37	1.2	
36	6,022	3.44	0.9	
37	7,387	4.12	0.8	
38	8,317	3.14	0.6	
39	▶ 10,380	75.00	10.9	Upper Marker

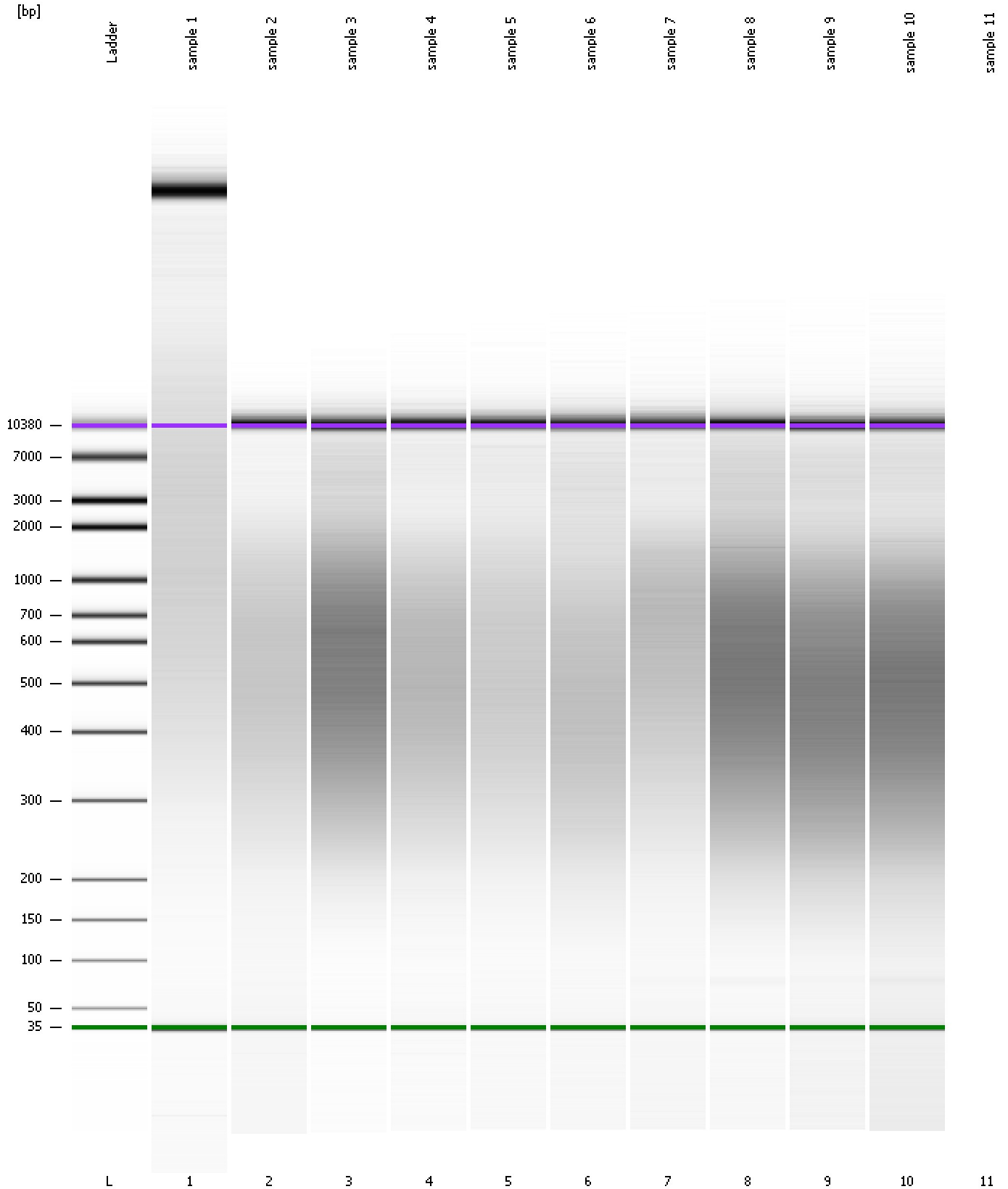
**Region table for sample 10 : sample 10**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
400	522	459	1,035.1	312.96	■ 338.7	20	7.6

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2014-08-04\2014-08-04\_008.xad

Created: 8/4/2014 5:39:40 PM  
Modified: 8/7/2014 4:12:05 PM

**Gel Image**



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Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2014-08-04\2014-08-04\_008.xad

Created: 8/4/2014 5:39:40 PM  
Modified: 8/7/2014 4:12:05 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\2014-08-04\2014-08-04\_008.xad

Created: 8/4/2014 5:39:40 PM  
 Modified: 8/7/2014 4:12:05 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		8/4/2014 6:18:05 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\2014-08-04\2014-08-04_008.xad)		Instrument	Run		8/4/2014 5:39:45 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938B		Instrument	Run		8/4/2014 5:39:45 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		8/4/2014 5:39:45 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		8/4/2014 5:39:45 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE13701086		Instrument	Run		8/4/2014 5:39:45 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		8/4/2014 5:39:45 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		8/4/2014 5:39:45 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1