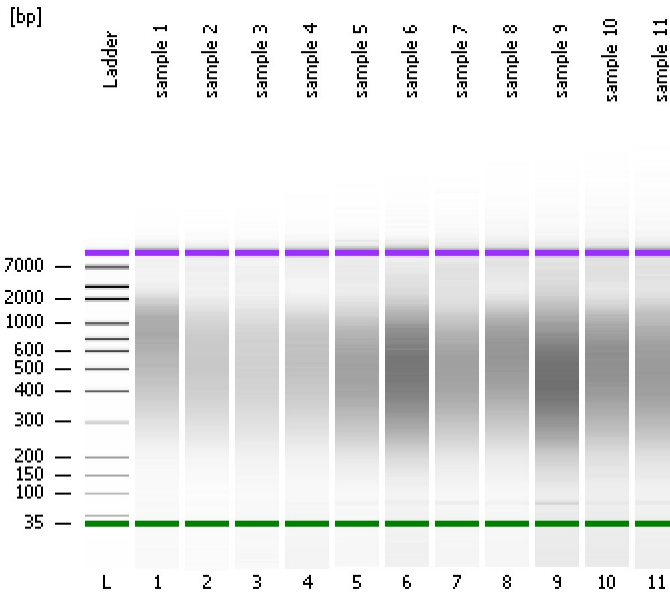


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2014-08-04\2014-08-04_006.xad

Created: 8/4/2014 3:31:44 PM
Modified: 8/7/2014 3:58:06 PM

Electrophoresis File Run Summary



Instrument Information:

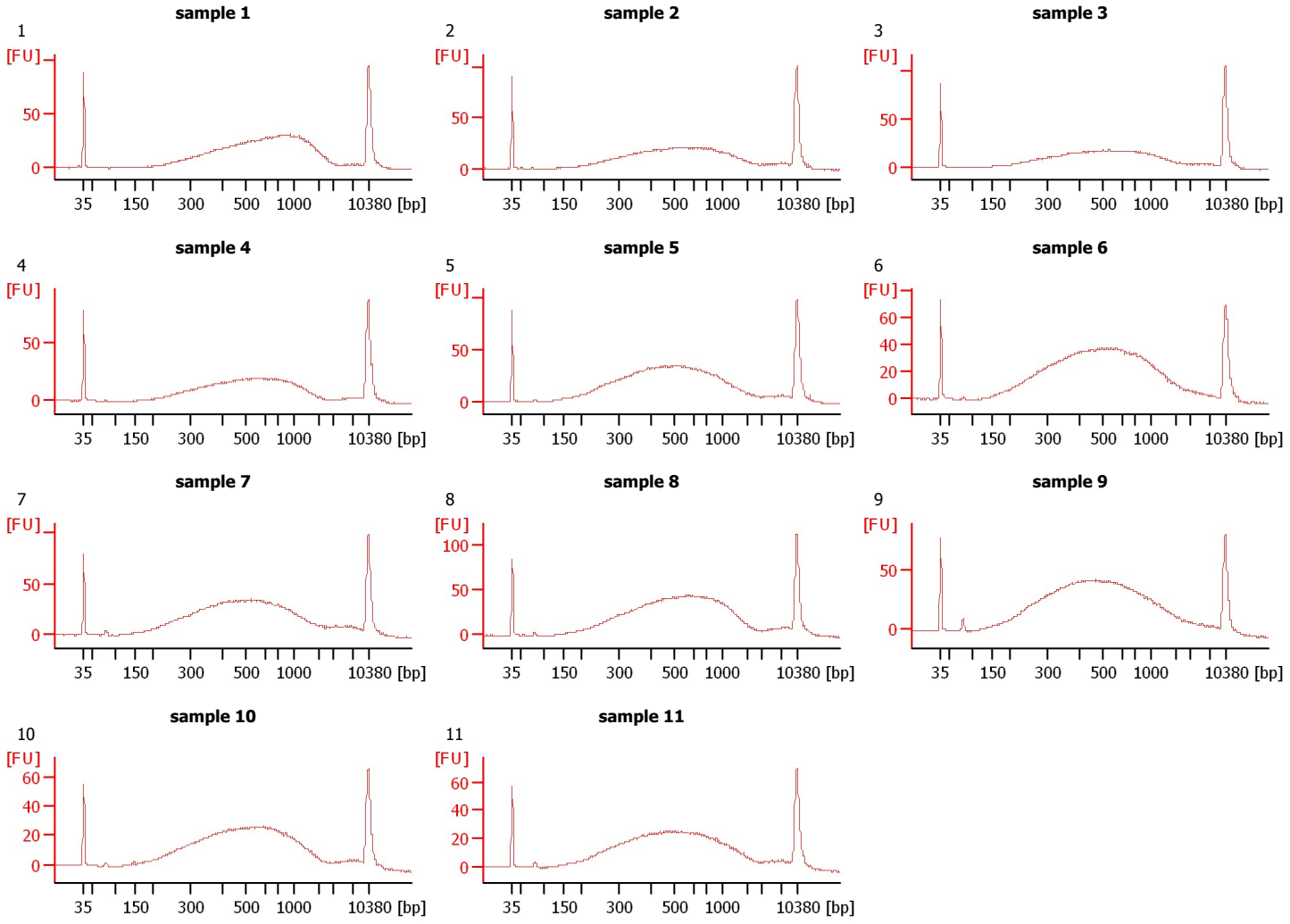
Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

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_006.xad

Created: 8/4/2014 3:31:44 PM
 Modified: 8/7/2014 3:58:06 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
sample 1	1	<input type="checkbox"/>	✓			
sample 2	2	<input type="checkbox"/>	✓			
sample 3	3	<input type="checkbox"/>	✓			
sample 4	4	<input type="checkbox"/>	✓			
sample 5	5	<input type="checkbox"/>	✓			
sample 6	6	<input type="checkbox"/>	✓			
sample 7	7	<input type="checkbox"/>	✓			
sample 8	8	<input type="checkbox"/>	✓			
sample 9	9	<input type="checkbox"/>	✓			
sample 10	10	<input type="checkbox"/>	✓			
sample 11	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_006.xad

Created: 8/4/2014 3:31:44 PM
Modified: 8/7/2014 3:58:06 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

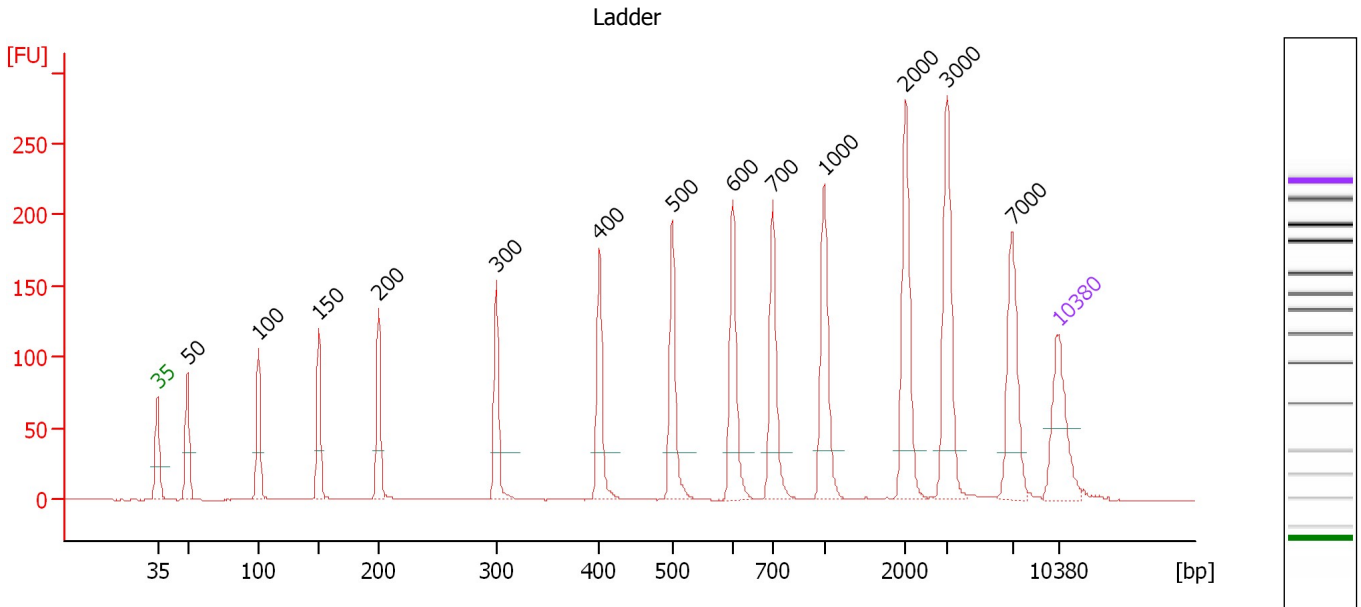
Ladder

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_006.xad

Created: 8/4/2014 3:31:44 PM
 Modified: 8/7/2014 3:58:06 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.2

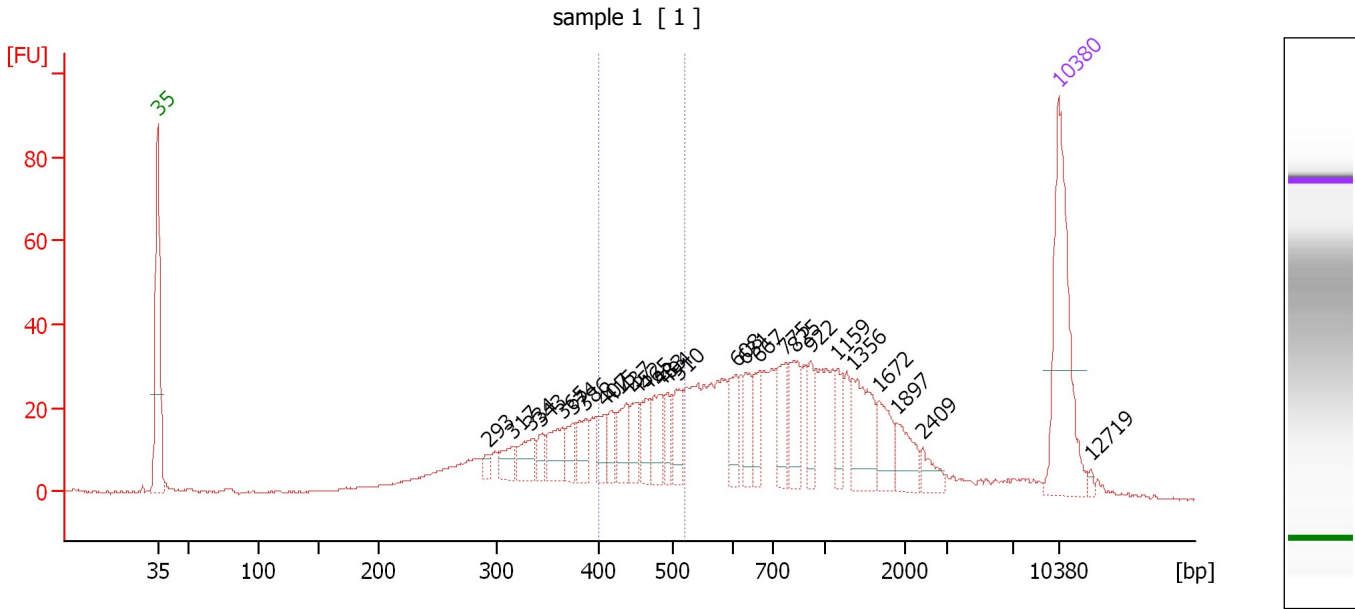
Peak table for Ladder

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_006.xad

Created: 8/4/2014 3:31:44 PM
 Modified: 8/7/2014 3:58:06 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : sample 1

Number of peaks found: 27 Corr. Area 1: 194.8
 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	293	5.80	30.0	
3	317	13.42	64.2	
4	334	19.18	87.0	
5	343	10.94	48.3	
6	365	23.39	97.2	
7	374	13.57	55.0	
8	386	18.59	72.9	
9	407	16.89	62.8	
10	415	12.09	44.1	
11	437	21.53	74.7	
12	452	17.42	58.4	
13	465	20.07	65.4	
14	483	20.78	65.1	
15	494	14.57	44.7	
16	510	20.49	60.8	
17	608	19.77	49.3	
18	631	19.28	46.3	
19	667	18.32	41.6	
20	775	25.23	49.3	
21	825	26.25	48.2	
22	922	16.30	26.8	
23	1,159	14.45	18.9	
24	1,356	38.48	43.0	
25	1,672	19.24	17.4	
26	1,897	18.53	14.8	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2014-08-04\2014-08-04_006.xad

Created: 8/4/2014 3:31:44 PM
Modified: 8/7/2014 3:58:06 PM

Electropherogram Summary Continued ...**... Peak table for sample 1 : sample 1**

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations
27	2,409	9.14	5.7	
28	10,380	75.00	10.9	Upper Marker
29	12,719	0.00	0.0	

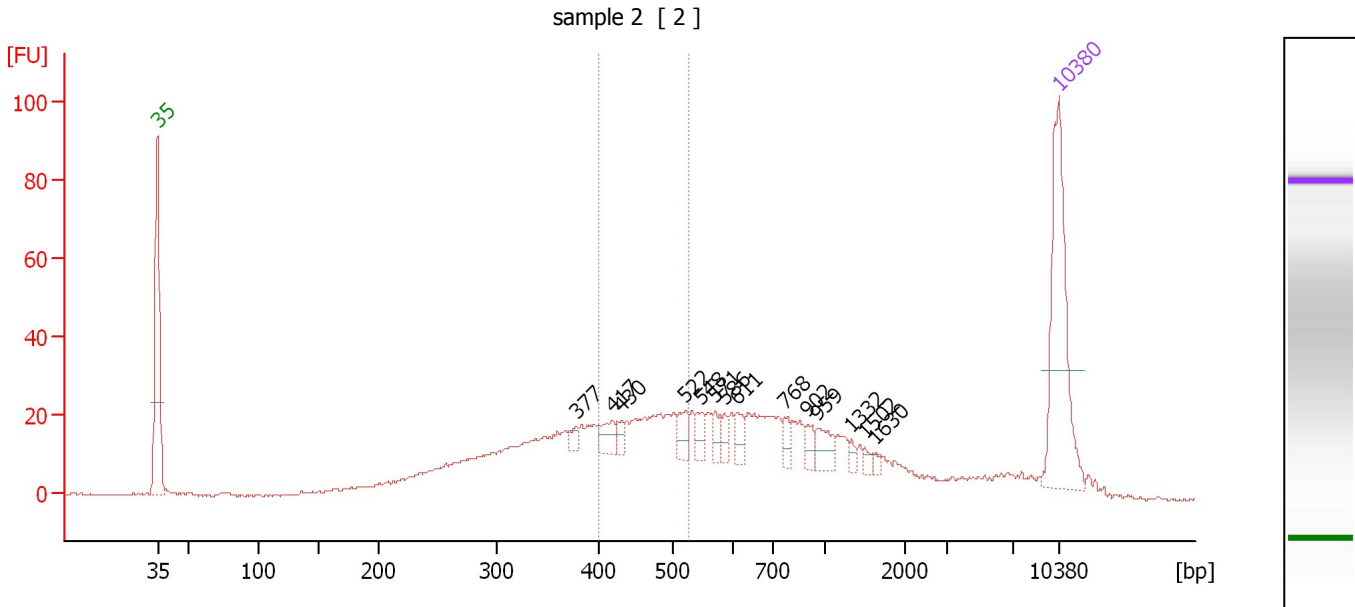
Region table for sample 1 : sample 1

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ μ l]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
399	522	461	597.4	181.02	194.8	18	7.6

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2014-08-04\2014-08-04_006.xad

Created: 8/4/2014 3:31:44 PM
 Modified: 8/7/2014 3:58:06 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : sample 2

Number of peaks found: 14 Corr. Area 1: 175.6
 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	377	5.09	20.4	
3	417	12.37	44.9	
4	430	6.62	23.3	
5	522	11.03	32.0	
6	548	9.17	25.3	
7	571	7.71	20.4	
8	586	6.94	18.0	
9	611	9.35	23.2	
10	768	7.91	15.6	
11	902	7.58	12.7	
12	959	12.73	20.1	
13	1,332	3.38	3.8	
14	1,502	2.87	2.9	
15	1,630	2.16	2.0	
16	10,380	75.00	10.9	Upper Marker

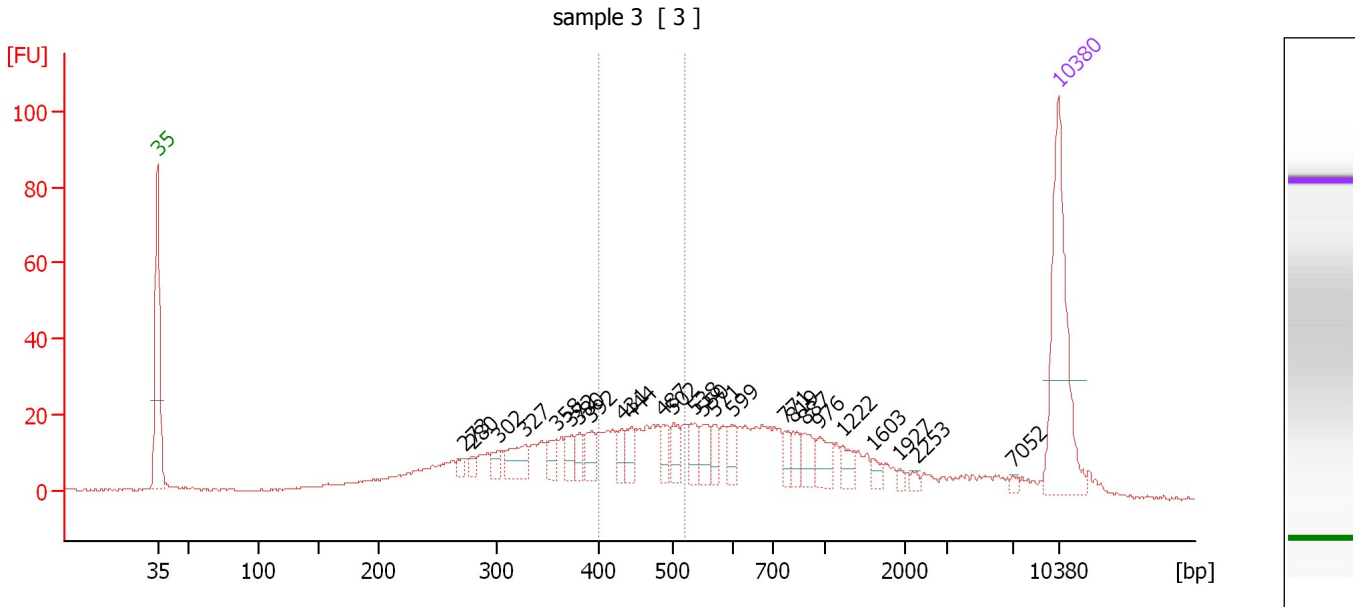
Region table for sample 2 : sample 2

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	523.7	158.83	175.6	21	7.9

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2014-08-04\2014-08-04_006.xad

Created: 8/4/2014 3:31:44 PM
 Modified: 8/7/2014 3:58:06 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : sample 3

Number of peaks found: 25 Corr. Area 1: 149.9
 Noise: 0.3

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	273	5.41	30.0	
3	280	5.33	28.8	
4	302	8.66	43.5	
5	327	20.33	94.2	
6	358	10.28	43.6	
7	372	11.11	45.3	
8	380	9.42	37.5	
9	392	13.64	52.7	
10	431	9.10	32.0	
11	444	12.18	41.6	
12	487	10.50	32.7	
13	502	12.63	38.1	
14	538	13.01	36.7	
15	550	12.65	34.8	
16	571	10.15	26.9	
17	599	9.16	23.2	
18	771	7.68	15.1	
19	819	8.50	15.7	
20	887	12.02	20.5	
21	976	13.95	21.7	
22	1,222	8.54	10.6	
23	1,603	5.09	4.8	
24	1,927	2.06	1.6	
25	2,253	2.46	1.7	
26	7,052	1.95	0.4	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2014-08-04\2014-08-04_006.xad

Created: 8/4/2014 3:31:44 PM
Modified: 8/7/2014 3:58:06 PM

Electropherogram Summary Continued ...**... Peak table for sample 3 : sample 3**

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations
27	10,380	75.00	10.9	Upper Marker

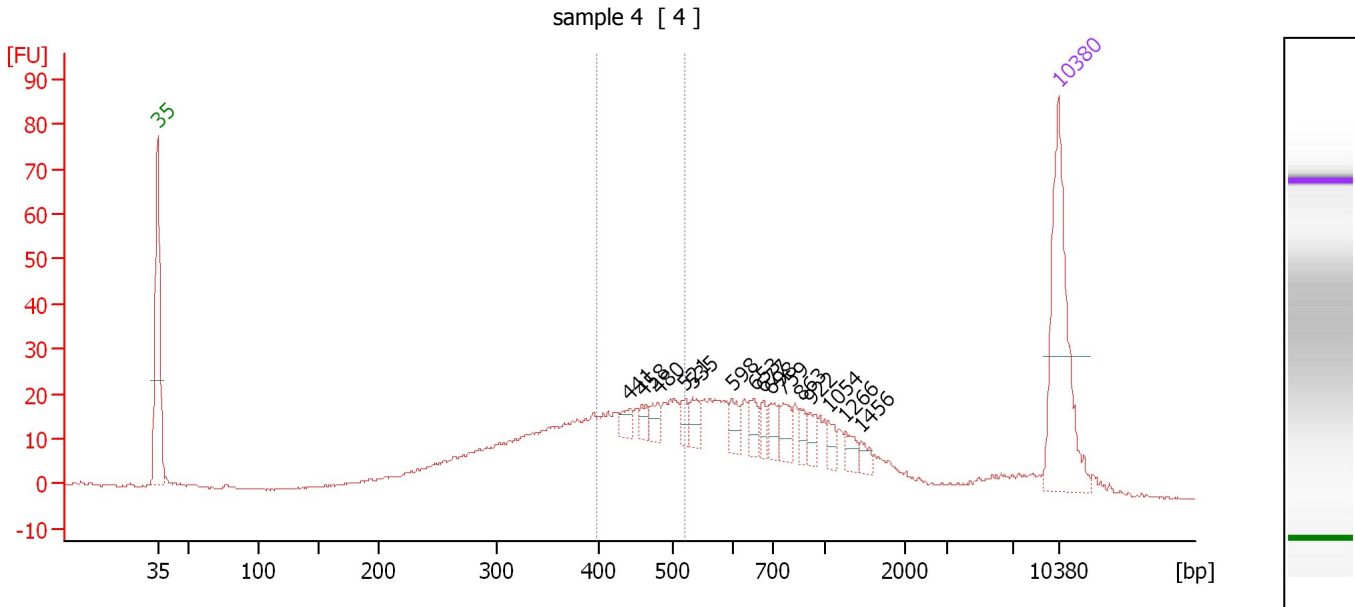
Region table for sample 3 : sample 3

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ μ l]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
398	520	458	430.5	129.65	149.9	18	7.5

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2014-08-04\2014-08-04_006.xad

Created: 8/4/2014 3:31:44 PM
 Modified: 8/7/2014 3:58:06 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : sample 4

Number of peaks found: 15 Corr. Area 1: 162.2
 Noise: 0.3

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	441	7.43	25.5	
3	458	7.10	23.5	
4	480	8.67	27.4	
5	521	7.00	20.4	
6	535	10.06	28.5	
7	598	10.96	27.7	
8	653	10.56	24.5	
9	677	7.62	17.0	
10	698	10.68	23.2	
11	759	12.81	25.6	
12	863	6.78	11.9	
13	922	7.72	12.7	
14	1,054	6.22	8.9	
15	1,266	6.92	8.3	
16	1,456	5.51	5.7	
17	10,380	75.00	10.9	Upper Marker

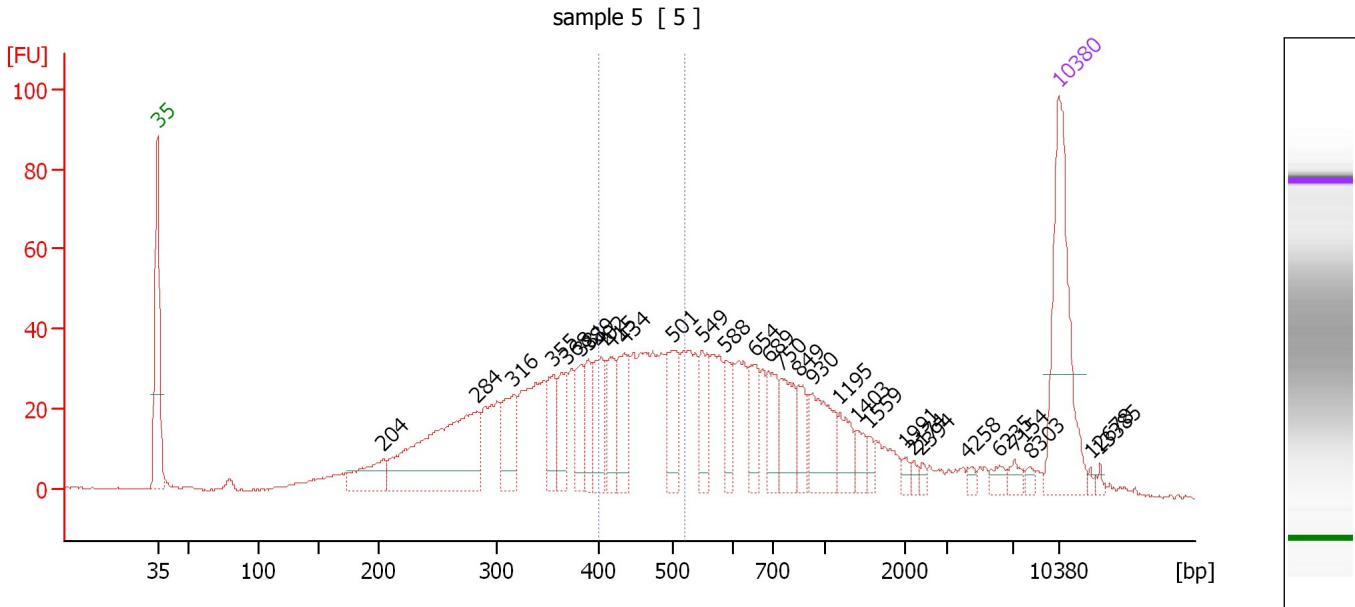
Region table for sample 4 : sample 4

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	520.2	156.91	162.2	21	7.7

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2014-08-04\2014-08-04_006.xad

Created: 8/4/2014 3:31:44 PM
 Modified: 8/7/2014 3:58:06 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : sample 5

Number of peaks found: 30 Corr. Area 1: 291.5
 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	204	31.08	231.1	
3	284	143.75	767.9	
4	316	37.25	178.6	
5	355	27.05	115.5	
6	368	27.15	111.8	
7	381	24.70	98.1	
8	389	21.84	85.0	
9	402	34.99	131.9	
10	415	24.99	91.1	
11	434	35.18	122.8	
12	501	36.16	109.3	
13	549	22.60	62.4	
14	588	18.80	48.4	
15	654	24.42	56.6	
16	689	22.80	50.1	
17	750	31.67	64.0	
18	849	17.58	31.4	
19	930	36.76	59.9	
20	1,195	16.77	21.3	
21	1,403	9.59	10.4	
22	1,559	5.55	5.4	
23	1,991	3.43	2.6	
24	2,174	2.76	1.9	
25	2,394	2.58	1.6	
26	4,258	2.85	1.0	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2014-08-04\2014-08-04_006.xad


Created: 8/4/2014 3:31:44 PM
 Modified: 8/7/2014 3:58:06 PM

Electropherogram Summary Continued ...

... Peak table for sample 5 : sample 5

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	6,235	5.15	1.3	
28	7,154	4.93	1.0	
29	8,303	2.38	0.4	
30	10,380	75.00	10.9	Upper Marker
31	12,678	0.00	0.0	
32	13,385	0.00	0.0	

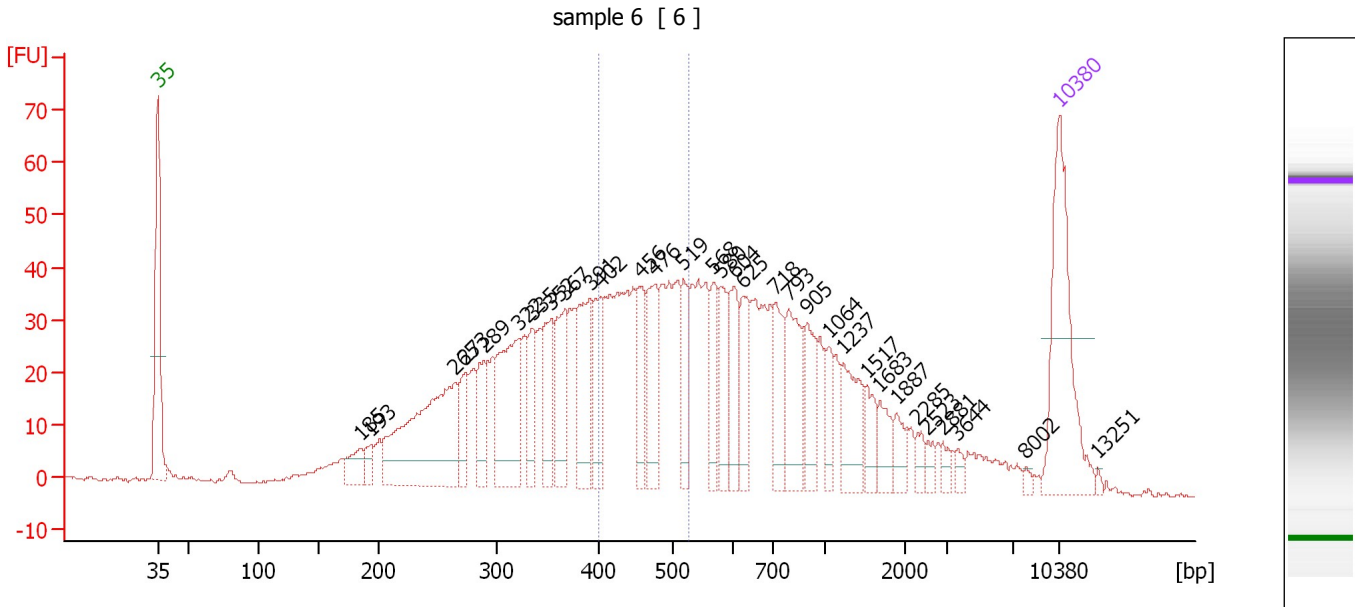
Region table for sample 5 : sample 5

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
399	520	457	781.3	235.12	 291.5	21	7.6

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2014-08-04\2014-08-04_006.xad

Created: 8/4/2014 3:31:44 PM
 Modified: 8/7/2014 3:58:06 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : sample 6

Number of peaks found: 32 Corr. Area 1: 336.9
 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	185	19.66	160.6	
3	193	10.69	83.8	
4	265	148.16	848.1	
5	273	22.75	126.2	
6	289	33.98	178.0	
7	322	81.36	382.3	
8	335	27.97	126.5	
9	352	39.33	169.1	
10	367	44.30	183.0	
11	391	51.60	200.2	
12	402	31.59	119.1	
13	456	32.02	106.5	
14	476	47.61	151.6	
15	519	28.65	83.6	
16	568	26.45	70.6	
17	580	27.59	72.1	
18	604	33.82	84.9	
19	625	29.19	70.7	
20	718	29.19	61.6	
21	793	45.44	86.8	
22	905	28.62	47.9	
23	1,064	14.62	20.8	
24	1,237	34.15	41.8	
25	1,517	14.20	14.2	
26	1,683	14.53	13.1	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2014-08-04\2014-08-04_006.xad

Created: 8/4/2014 3:31:44 PM
 Modified: 8/7/2014 3:58:06 PM

Electropherogram Summary Continued ...

... Peak table for sample 6 : sample 6

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	1,887	10.27	8.2	
28	2,285	6.39	4.2	
29	2,523	5.20	3.1	
30	2,881	5.09	2.7	
31	3,644	3.75	1.6	
32	8,002	2.30	0.4	
33	10,380	75.00	10.9	Upper Marker
34	13,251	0.00	0.0	

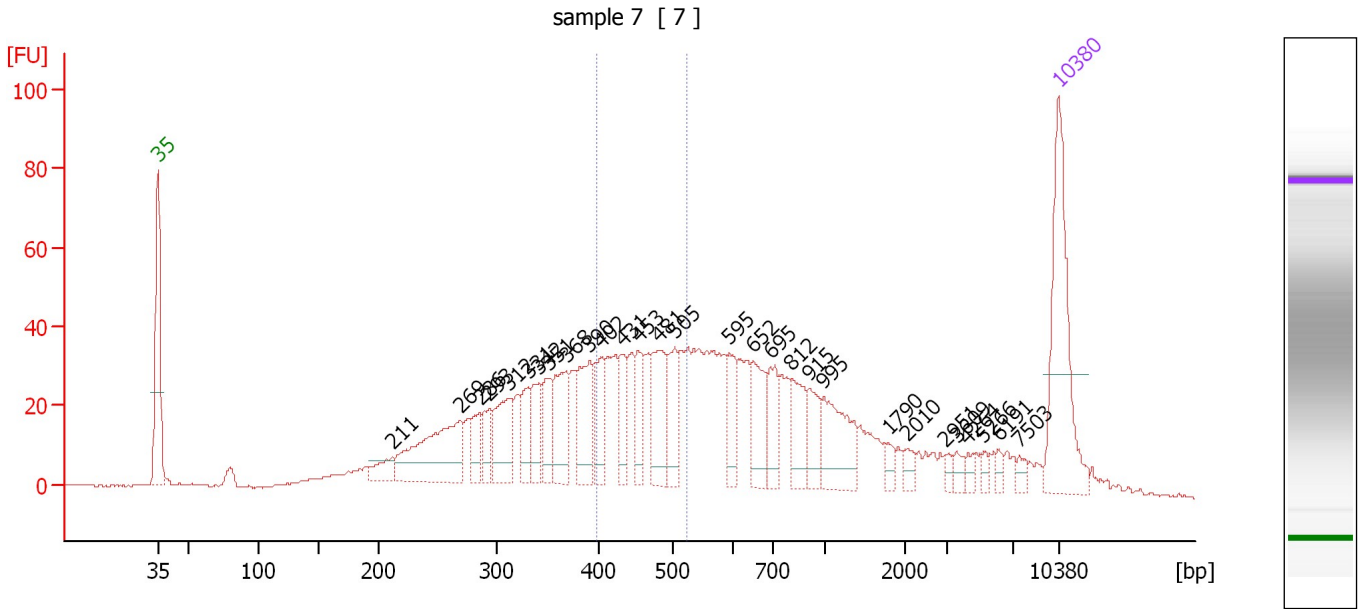
Region table for sample 6 : sample 6

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
398	527	461	1,097.7	332.34	■ 336.9	21	8.0

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2014-08-04\2014-08-04_006.xad

Created: 8/4/2014 3:31:44 PM
 Modified: 8/7/2014 3:58:06 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : sample 7

Number of peaks found: 29 Corr. Area 1: 304.2
 Noise: 0.2

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	211	15.94	114.4	
3	269	88.12	495.9	
4	286	19.24	102.0	
5	293	18.93	97.8	
6	312	40.56	196.7	
7	331	22.46	102.9	
8	342	26.27	116.5	
9	351	25.51	110.0	
10	368	40.45	166.7	
11	390	43.19	167.7	
12	402	27.42	103.4	
13	431	22.65	79.6	
14	453	22.83	76.4	
15	481	43.32	136.6	
16	505	29.02	87.1	
17	595	23.18	59.0	
18	652	33.30	77.4	
19	695	24.85	54.2	
20	812	28.25	52.7	
21	915	19.68	32.6	
22	995	42.33	64.4	
23	1,790	5.94	5.0	
24	2,010	6.27	4.7	
25	2,951	3.63	1.9	
26	3,609	5.05	2.1	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2014-08-04\2014-08-04_006.xad

Created: 8/4/2014 3:31:44 PM
Modified: 8/7/2014 3:58:06 PM

Electropherogram Summary Continued ...**... Peak table for sample 7 : sample 7**

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations
27	4,264	5.03	1.8	
28	5,266	3.78	1.1	
29	6,191	4.17	1.0	
30	7,503	4.76	1.0	
31	10,380	75.00	10.9	Upper Marker

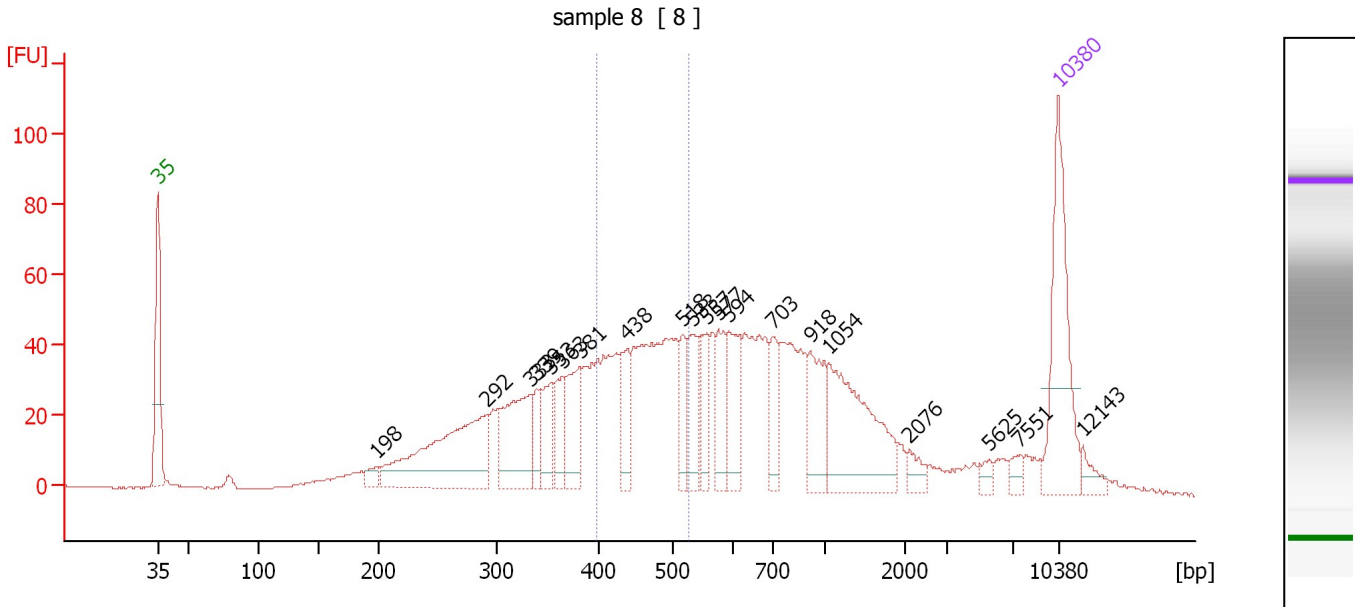
Region table for sample 7 : sample 7

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ μ l]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
398	524	458	857.7	258.36	 304.2	20	7.9

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2014-08-04\2014-08-04_006.xad

Created: 8/4/2014 3:31:44 PM
 Modified: 8/7/2014 3:58:06 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : sample 8

Number of peaks found: 20 Corr. Area 1: 361.0
 Noise: 0.3

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	198	9.77	74.9	
3	292	143.61	746.0	
4	333	74.70	339.7	
5	339	21.22	94.9	
6	353	29.89	128.3	
7	363	29.34	122.3	
8	381	44.13	175.6	
9	438	31.14	107.8	
10	518	25.87	75.7	
11	533	37.44	106.5	
12	557	26.85	73.0	
13	577	33.89	89.0	
14	594	40.15	102.5	
15	703	26.45	57.0	
16	918	42.12	69.5	
17	1,054	95.58	137.4	
18	2,076	8.90	6.5	
19	5,625	5.67	1.5	
20	7,551	6.53	1.3	
21	10,380	75.00	10.9	Upper Marker
22	12,143	0.00	0.0	

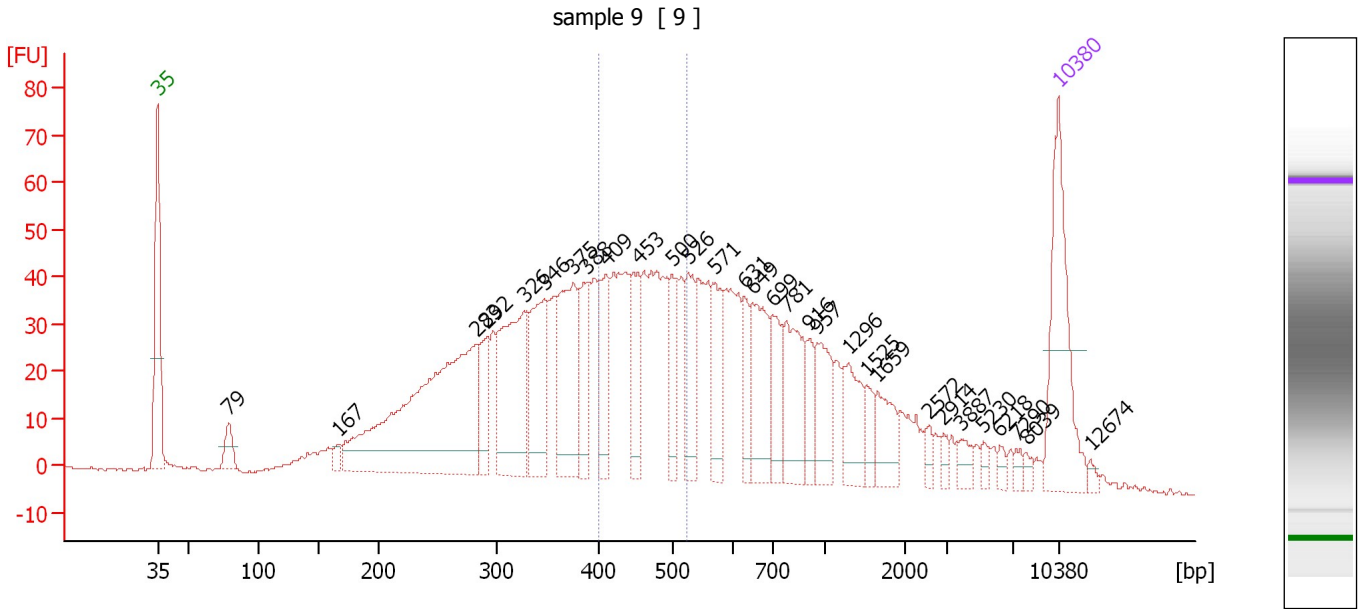
Region table for sample 8 : sample 8

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
398	526	461	932.8	282.59	361.0	21	8.0

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2014-08-04\2014-08-04_006.xad

Created: 8/4/2014 3:31:44 PM
 Modified: 8/7/2014 3:58:06 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : sample 9

Number of peaks found: 30 Corr. Area 1: 375.3
 Noise: 0.3

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	79	20.07	386.1	
3	167	8.01	72.9	
4	283	290.15	1,554.7	
5	292	35.64	184.9	
6	326	116.76	541.8	
7	346	71.75	314.3	
8	375	89.49	362.0	
9	388	46.22	180.6	
10	409	46.35	171.7	
11	453	43.11	144.1	
12	500	38.65	117.2	
13	526	44.72	128.8	
14	571	40.02	106.3	
15	631	26.04	62.5	
16	649	59.42	138.7	
17	699	32.68	70.8	
18	781	56.23	109.1	
19	916	19.47	32.2	
20	957	37.46	59.3	
21	1,296	32.96	38.5	
22	1,525	11.43	11.4	
23	1,659	25.19	23.0	
24	2,572	6.19	3.6	
25	2,914	5.09	2.6	
26	3,887	8.70	3.4	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2014-08-04\2014-08-04_006.xad


Created: 8/4/2014 3:31:44 PM
 Modified: 8/7/2014 3:58:06 PM

Electropherogram Summary Continued ...

... Peak table for sample 9 : sample 9

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	5,230	5.00	1.4	
28	6,218	4.46	1.1	
29	7,290	4.76	1.0	
30	8,039	3.27	0.6	
31	10,380	75.00	10.9	Upper Marker
32	12,674	0.00	0.0	

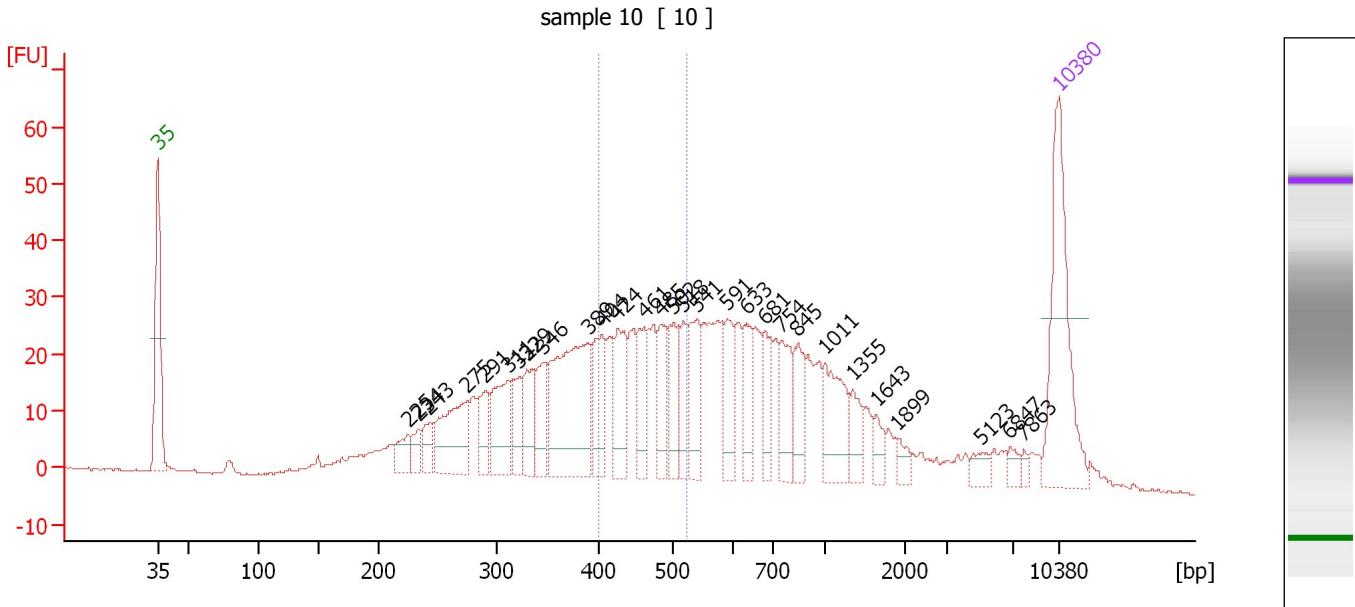
Region table for sample 9 : sample 9

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
399	524	459	1,232.8	372.15	 375.3	20	7.8

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2014-08-04\2014-08-04_006.xad

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Electropherogram Summary Continued ...



Overall Results for sample 10 : sample 10

Number of peaks found: 29 Corr. Area 1: 221.1
 Noise: 0.2

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	225	16.85	113.7	
3	234	11.31	73.2	
4	243	15.08	94.0	
5	275	59.40	327.8	
6	291	23.64	123.3	
7	311	43.84	213.3	
8	322	23.24	109.3	
9	329	29.40	135.4	
10	346	28.41	124.6	
11	389	109.21	425.8	
12	404	38.78	145.6	
13	424	41.80	149.3	
14	461	30.40	99.9	
15	485	26.79	83.7	
16	502	26.64	80.4	
17	518	24.32	71.1	
18	541	36.60	102.5	
19	591	27.43	70.3	
20	633	24.99	59.8	
21	681	22.09	49.2	
22	754	28.51	57.3	
23	845	22.36	40.1	
24	1,011	38.99	58.5	
25	1,355	14.61	16.3	
26	1,643	8.77	8.1	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2014-08-04\2014-08-04_006.xad

Created: 8/4/2014 3:31:44 PM
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Electropherogram Summary Continued ...**... Peak table for sample 10 : sample 10**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	1,899	6.87	5.5	
28	5,123	7.21	2.1	
29	6,847	5.44	1.2	
30	7,863	3.10	0.6	
31	10,380	75.00	10.9	Upper Marker

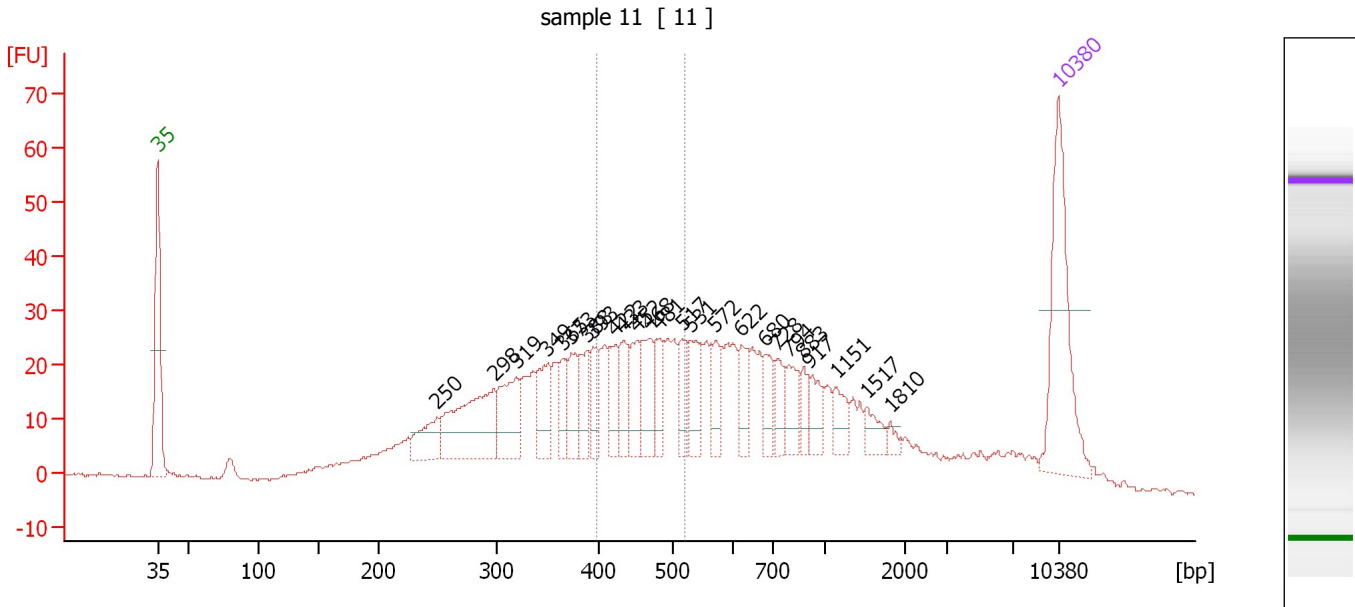
Region table for sample 10 : sample 10

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
400	523	460	846.2	256.08	■ 221.1	20	7.6

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2014-08-04\2014-08-04_006.xad

Created: 8/4/2014 3:31:44 PM
 Modified: 8/7/2014 3:58:06 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : sample 11

Number of peaks found: 25 Corr. Area 1: 218.1
 Noise: 0.3

Peak table for sample 11 : sample 11

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	250	30.72	186.2	
3	298	86.66	440.8	
4	319	46.40	220.5	
5	349	32.90	142.8	
6	365	20.31	84.3	
7	373	25.61	104.1	
8	388	23.72	92.6	
9	393	22.73	87.5	
10	422	22.59	81.1	
11	433	22.98	80.4	
12	452	27.53	92.3	
13	468	31.13	100.7	
14	481	21.14	66.6	
15	517	20.08	58.9	
16	531	25.50	72.7	
17	572	19.37	51.4	
18	622	20.45	49.8	
19	680	17.80	39.6	
20	728	17.55	36.5	
21	794	21.77	41.5	
22	883	11.62	19.9	
23	917	15.67	25.9	
24	1,151	14.34	18.9	
25	1,517	11.02	11.0	
26	1,810	4.04	3.4	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2014-08-04\2014-08-04_006.xad

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Modified: 8/7/2014 3:58:06 PM

Electropherogram Summary Continued ...**... Peak table for sample 11 : sample 11**

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations
27	10,380	75.00	10.9	Upper Marker

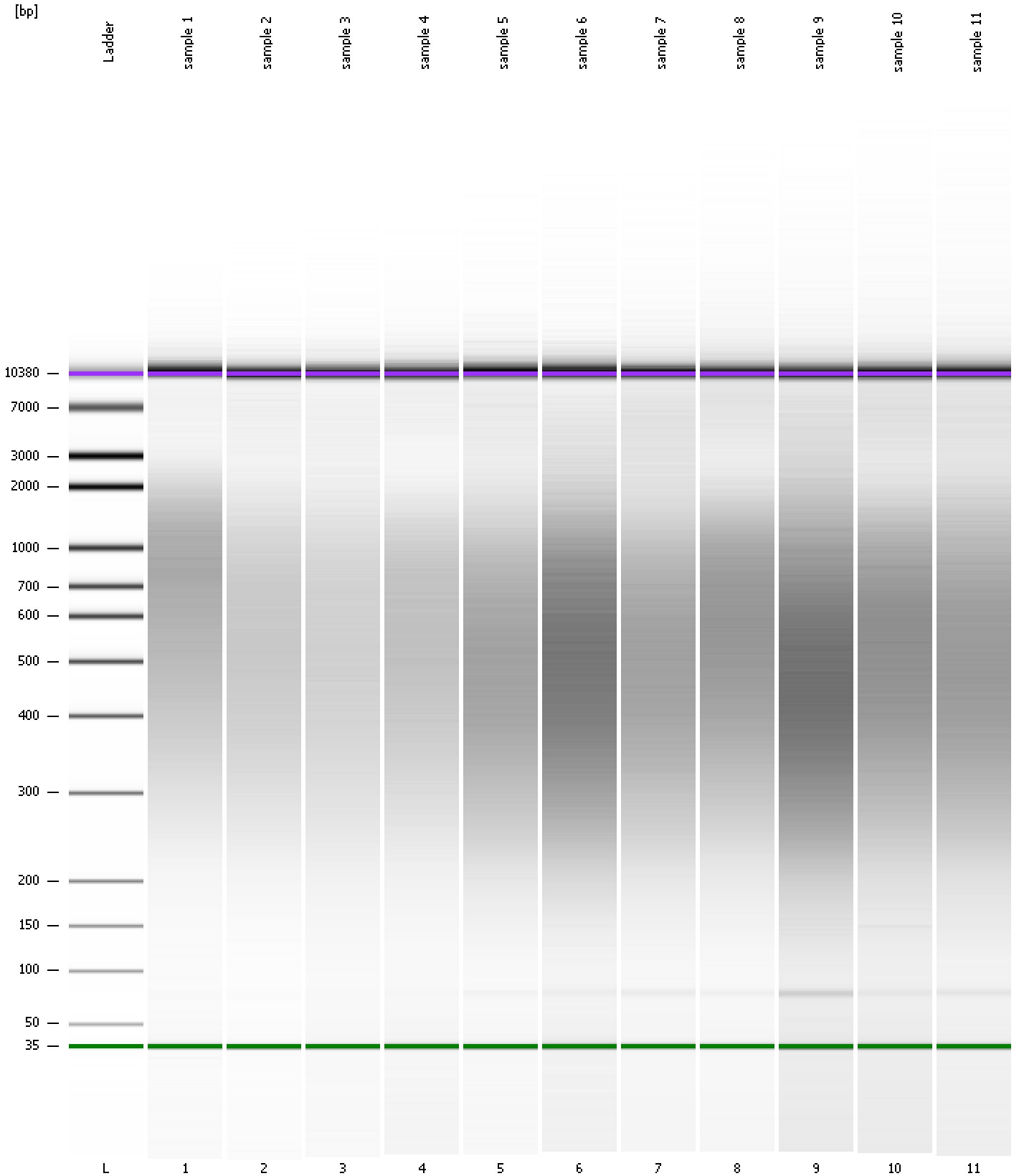
Region table for sample 11 : sample 11

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ μ l]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
397	520	457	877.2	263.50	218.1	20	7.7

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2014-08-04\2014-08-04_006.xad

Created: 8/4/2014 3:31:44 PM
Modified: 8/7/2014 3:58:06 PM

Gel Image



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2014-08-04\2014-08-04_006.xad

Created: 8/4/2014 3:31:44 PM
 Modified: 8/7/2014 3:58:06 PM

Run Logbook

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run ended on port 1 (Number of wells acquired: 12)		Instrument	Run		8/4/2014 4:12:06 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_006.xad)		Instrument	Run		8/4/2014 3:31:45 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938B		Instrument	Run		8/4/2014 3:31:45 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		8/4/2014 3:31:45 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		8/4/2014 3:31:45 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE13701086		Instrument	Run		8/4/2014 3:31:45 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		8/4/2014 3:31:45 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		8/4/2014 3:31:45 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1