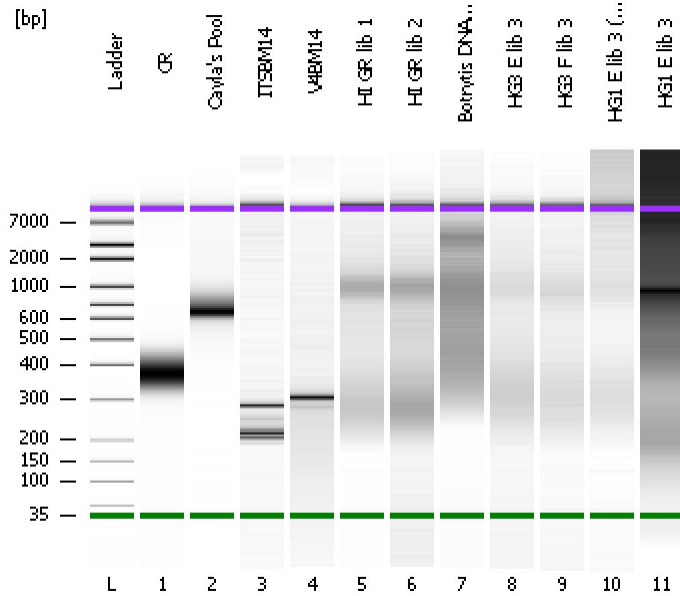


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2014-11-26\2014-11-26\_001.xad

Created: 11/26/2014 9:17:46 AM  
Modified: 11/26/2014 10:05:50 AM

Electrophoresis File Run Summary



Instrument Information:

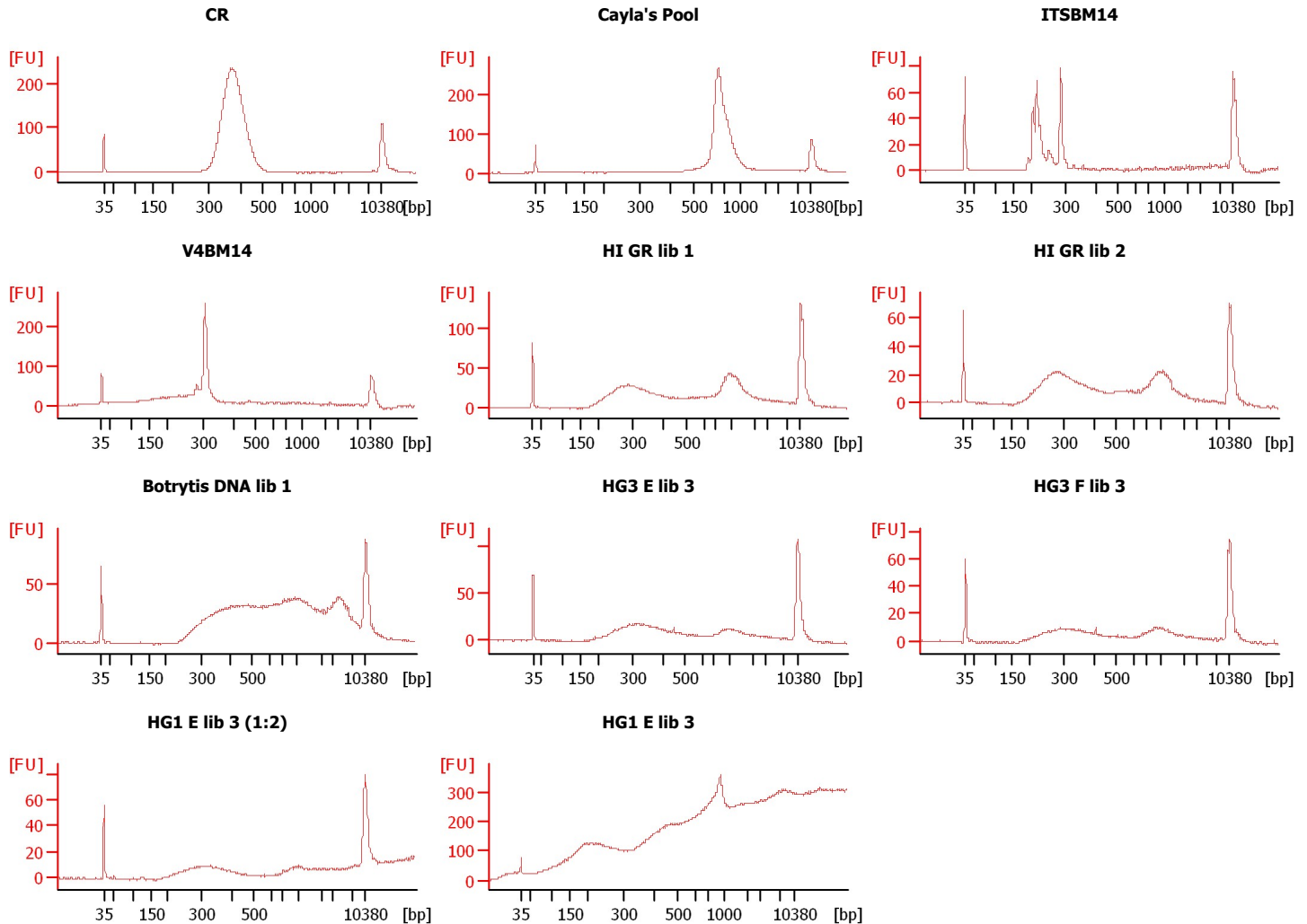
Instrument Name: DE13701086      Firmware: C.01.069  
Serial#: DE13701086      Type: G2938B

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:\...ents and Settings\Bioanalyzer\2014-11-26\2014-11-26\_001.xad

Created: 11/26/2014 9:17:46 AM  
 Modified: 11/26/2014 10:05:50 AM

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

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
CR		<input type="checkbox"/>	✓			
Cayla's Pool		<input type="checkbox"/>	✓			
ITSBM14		<input type="checkbox"/>	✓			
V4BM14		<input type="checkbox"/>	✓			
HI GR lib 1		<input type="checkbox"/>	✓			
HI GR lib 2		<input type="checkbox"/>	✓			
Botrytis DNA lib 1		<input type="checkbox"/>	✓			
HG3 E lib 3		<input type="checkbox"/>	✓			
HG3 F lib 3		<input type="checkbox"/>	✓			
HG1 E lib 3 (1:2)		<input type="checkbox"/>	✓			
HG1 E lib 3		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

**Chip Lot #**

**Reagent Kit Lot #**

**Chip Comments :**

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2014-11-26\2014-11-26\_001.xad

Created: 11/26/2014 9:17:46 AM  
Modified: 11/26/2014 10:05:50 AM

**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

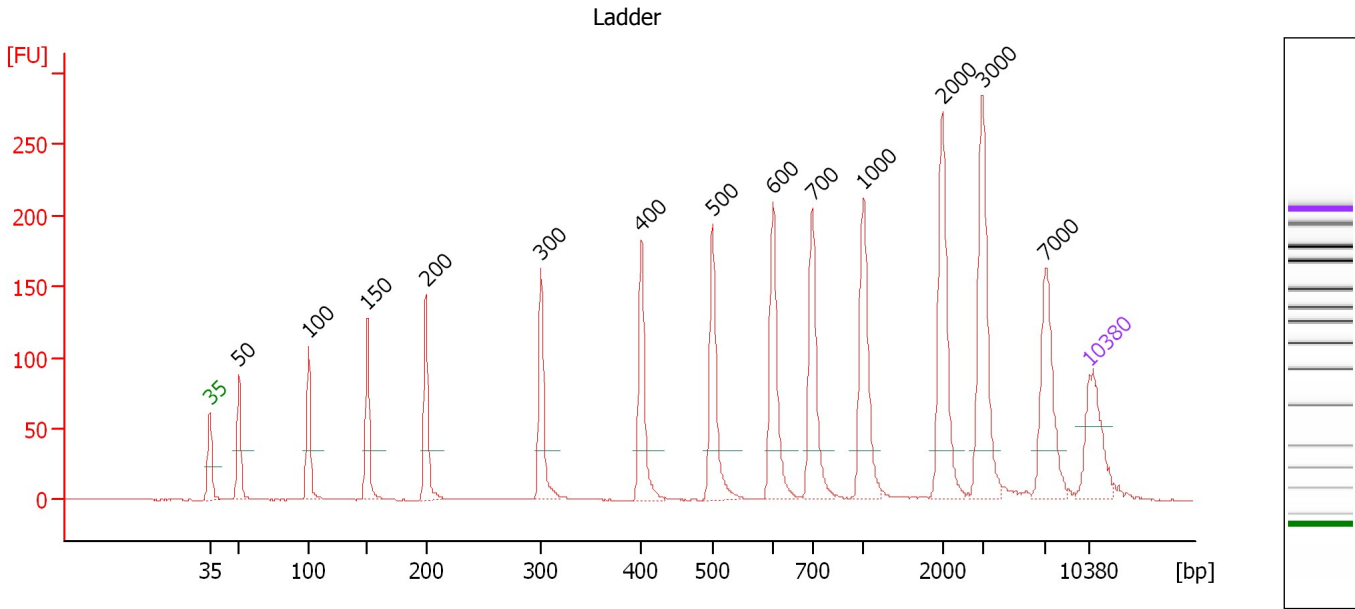
**Ladder**

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:\...ents and Settings\Bioanalyzer\2014-11-26\2014-11-26\_001.xad

Created: 11/26/2014 9:17:46 AM  
 Modified: 11/26/2014 10:05:50 AM

**Electropherogram Summary**



**Overall Results for Ladder**

Noise: 0.2

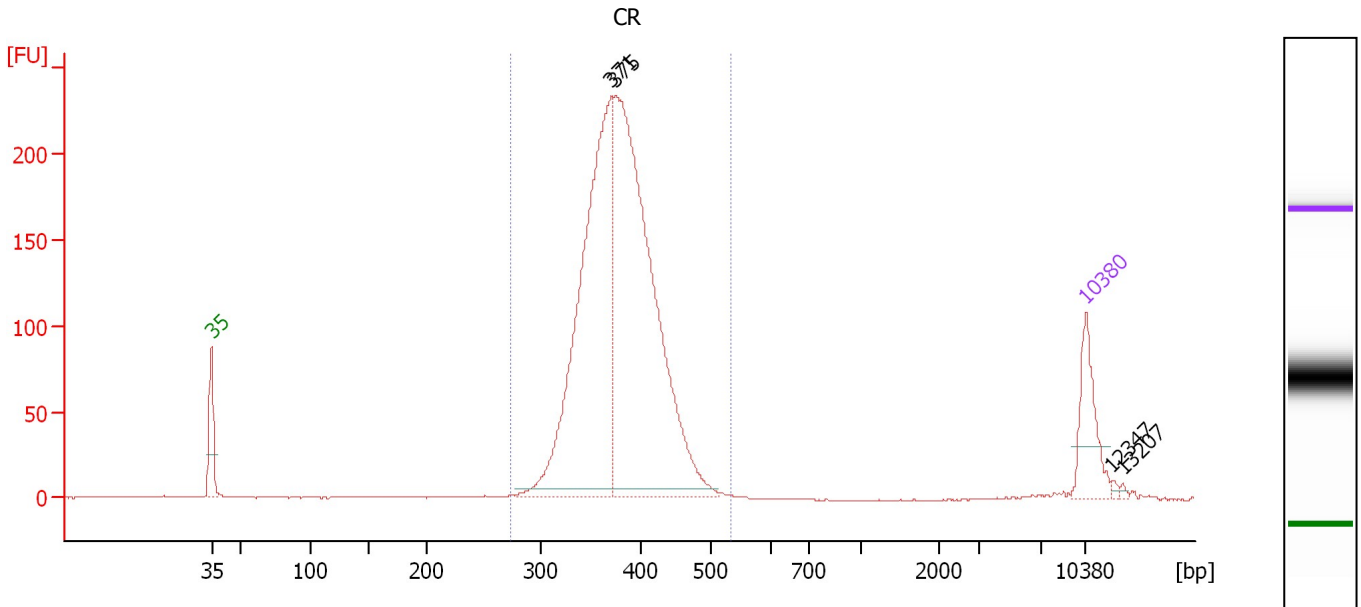
**Peak table for Ladder**

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:\...ents and Settings\Bioanalyzer\2014-11-26\2014-11-26\_001.xad

Created: 11/26/2014 9:17:46 AM  
 Modified: 11/26/2014 10:05:50 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 1 : CR**

Number of peaks found: 4                      Corr. Area 1: 2,158.7  
 Noise: 0.2

**Peak table for sample 1 : CR**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	371	785.25	3,211.1	
3	375	944.09	3,811.1	
4	10,380	75.00	10.9	Upper Marker
5	12,347	0.00	0.0	
6	13,207	0.00	0.0	

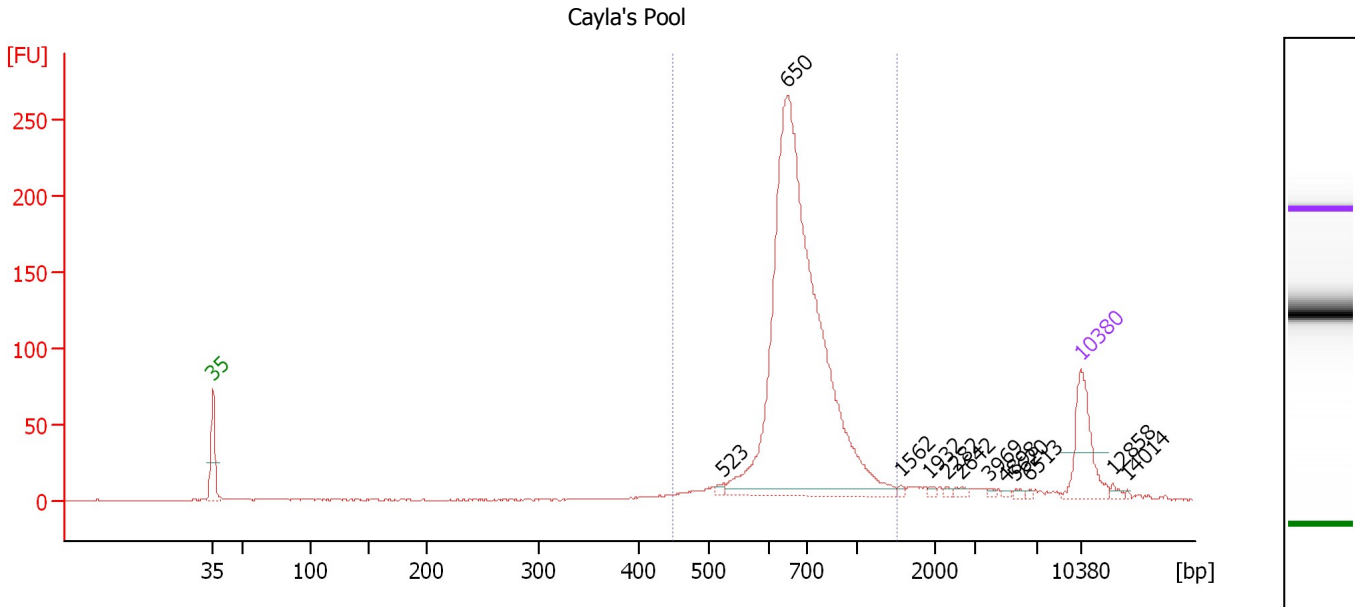
**Region table for sample 1 : CR**

From [bp]	Average Size [bp]	To [bp]	Corr. Area	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
274	380	532	2,158.7	96	9.8	1,752.38	7,044.7	Blue

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-11-26\2014-11-26\_001.xad

Created: 11/26/2014 9:17:46 AM  
 Modified: 11/26/2014 10:05:50 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 2 : Cayla's Pool**

Number of peaks found: 12                      Corr. Area 1: 1,323.9  
 Noise: 0.1

**Peak table for sample 2 : Cayla's Pool**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	523	5.35	15.5	
3	650	1,073.07	2,502.8	
4	1,562	3.13	3.0	
5	1,932	3.28	2.6	
6	2,282	2.94	1.9	
7	2,642	5.38	3.1	
8	3,969	2.50	1.0	
9	4,898	2.62	0.8	
10	5,620	3.18	0.9	
11	6,513	2.14	0.5	
12	10,380	75.00	10.9	Upper Marker
13	12,858	0.00	0.0	
14	14,014	0.00	0.0	

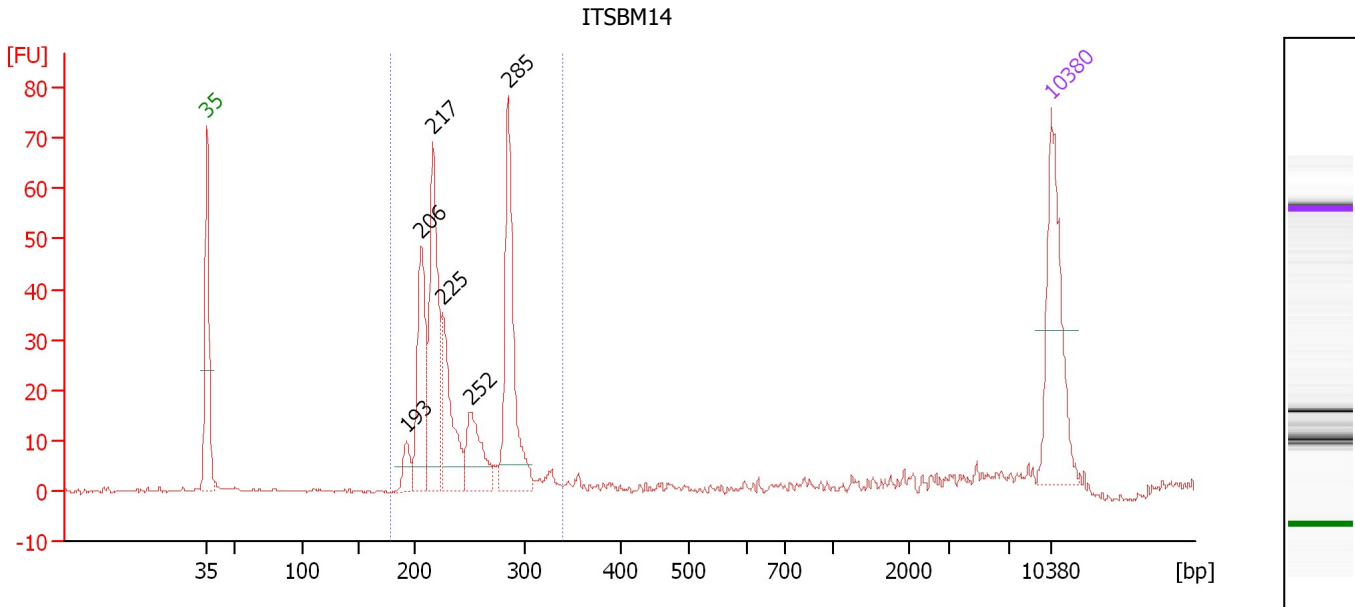
**Region table for sample 2 : Cayla's Pool**

From [bp]	Average Size [bp]	To [bp]	Corr. Area	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
447	713	1,509	1,323.9	89	20.3	1,121.56	2,471.8	Blue

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-11-26\2014-11-26\_001.xad

Created: 11/26/2014 9:17:46 AM  
 Modified: 11/26/2014 10:05:50 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 3 : ITSBM14**

Number of peaks found: 6                      Corr. Area 1: 371.9  
 Noise: 0.2

**Peak table for sample 3 : ITSBM14**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	193	18.47	145.2	
3	206	99.04	728.0	
4	217	136.32	952.9	
5	225	78.04	524.5	
6	252	53.76	323.9	
7	285	135.21	718.0	
8	10,380	75.00	10.9	Upper Marker

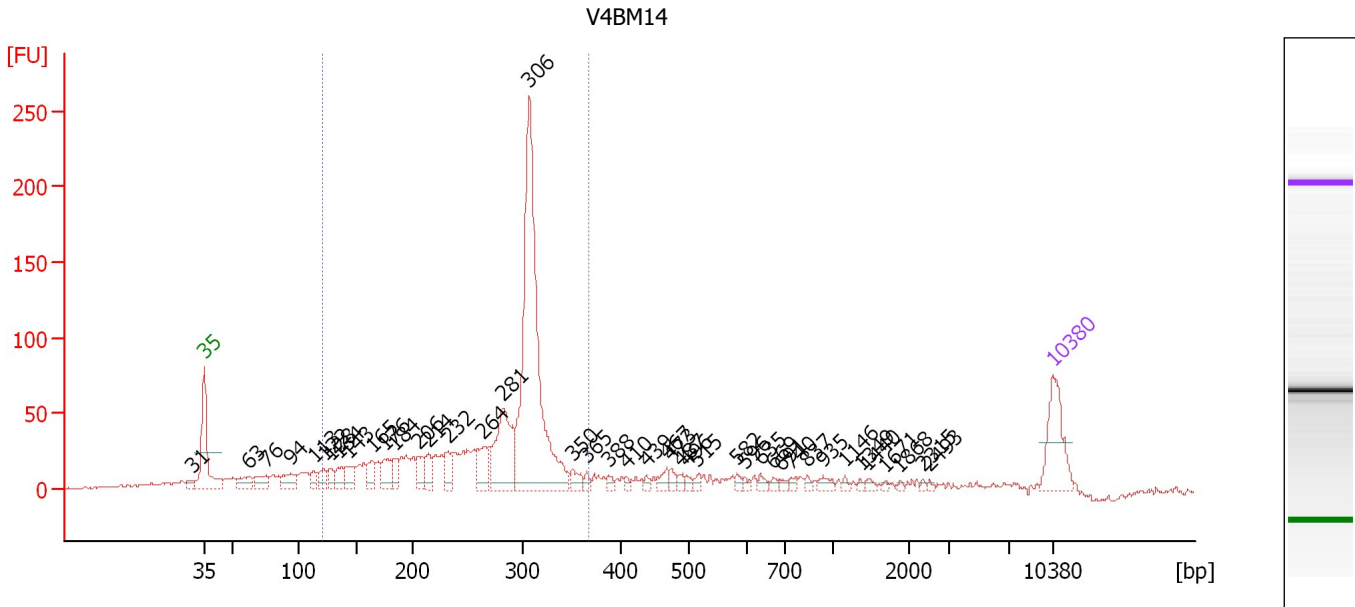
**Region table for sample 3 : ITSBM14**

From [bp]	Average Size [bp]	To [bp]	Corr. Area	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
178	243	339	371.9	90	14.2	523.11	3,277.7	Blue

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-11-26\2014-11-26\_001.xad

Created: 11/26/2014 9:17:46 AM  
 Modified: 11/26/2014 10:05:50 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 4 : V4BM14**

Number of peaks found: 43                      Corr. Area 1: 1,161.6  
 Noise: 0.9

**Peak table for sample 4 : V4BM14**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	31	0.00	0.0	
2	35	125.00	5,411.3	Lower Marker
3	63	37.07	895.1	
4	76	39.18	786.2	
5	94	47.01	758.8	
6	113	22.57	302.6	
7	122	30.73	381.7	
8	128	23.33	275.9	
9	134	31.44	354.9	
10	143	39.43	417.2	
11	165	34.49	317.0	
12	176	45.62	393.4	
13	184	29.60	243.5	
14	206	33.83	249.4	
15	214	32.19	227.7	
16	232	42.79	279.6	
17	264	52.13	299.1	
18	281	155.84	840.6	
19	306	642.82	3,181.0	
20	350	20.85	90.2	
21	365	9.12	37.9	
22	388	9.33	36.4	
23	410	6.10	22.5	
24	439	6.96	24.0	
25	467	14.46	46.9	
26	473	11.05	35.4	



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-11-26\2014-11-26\_001.xad


Created: 11/26/2014 9:17:46 AM  
 Modified: 11/26/2014 10:05:50 AM

**Electropherogram Summary Continued ...**

**... Peak table for sample 4 : V4BM14**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	487	8.15	25.3	
28	496	7.36	22.5	
29	515	7.88	23.2	
30	582	6.87	17.9	
31	596	6.29	16.0	
32	635	8.64	20.6	
33	669	6.00	13.6	
34	691	5.60	12.3	
35	740	6.88	14.1	
36	837	5.81	10.5	
37	935	10.41	16.9	
38	1,146	4.26	5.6	
39	1,349	3.10	3.5	
40	1,440	5.44	5.7	
41	1,671	2.48	2.3	
42	1,868	2.46	2.0	
43	2,315	2.58	1.7	
44	2,493	2.45	1.5	
45	10,380	75.00	10.9	Upper Marker

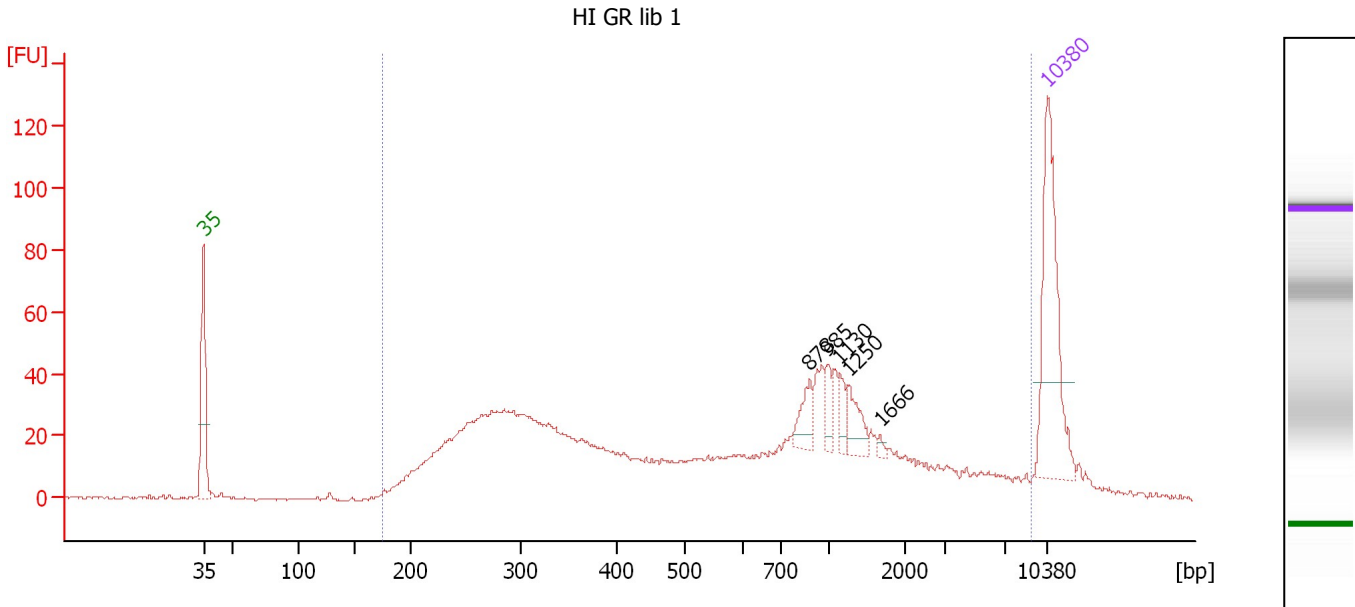
**Region table for sample 4 : V4BM14**

From [bp]	Average Size [bp]	To [bp]	Corr. Area	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
120	267	369	1,161.6	71	21.8	1,500.71	9,429.9	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-11-26\2014-11-26\_001.xad

Created: 11/26/2014 9:17:46 AM  
 Modified: 11/26/2014 10:05:50 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 5 : HI GR lib 1**

Number of peaks found: 5                      Corr. Area 1: 1,145.2  
 Noise: 0.4

**Peak table for sample 5 : HI GR lib 1**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	878	16.20	28.0	
3	985	10.19	15.7	
4	1,130	8.74	11.7	
5	1,250	16.31	19.8	
6	1,666	2.23	2.0	
7	10,380	75.00	10.9	Upper Marker

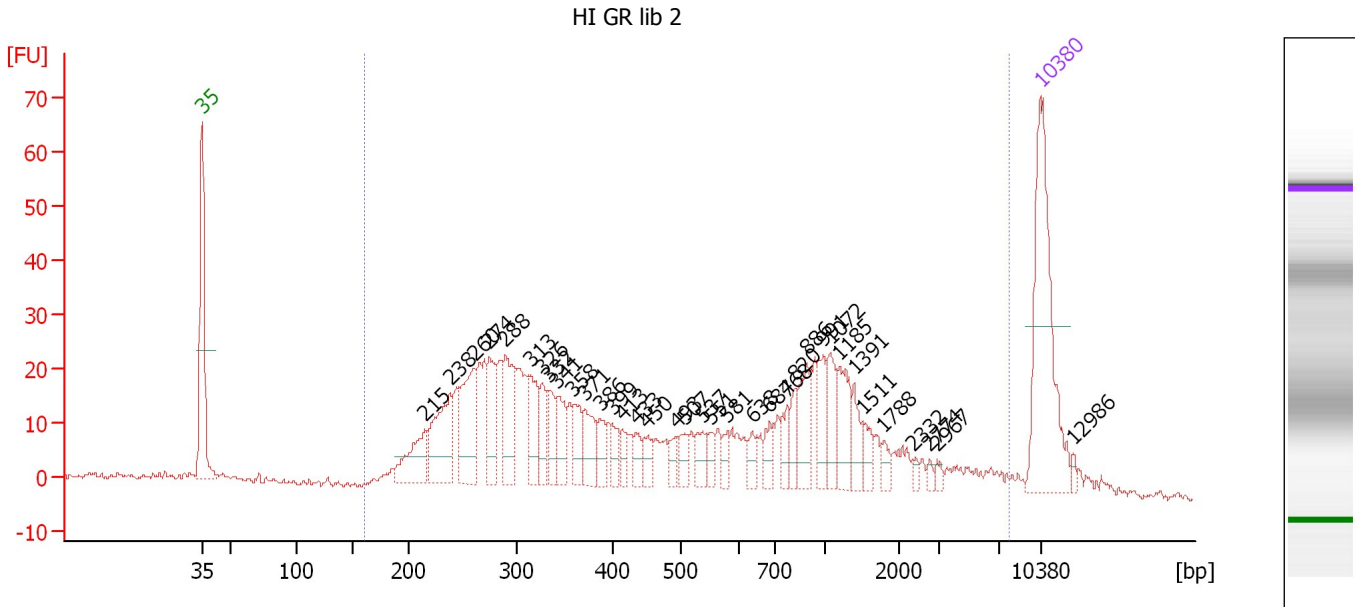
**Region table for sample 5 : HI GR lib 1**

From [bp]	Average Size [bp]	To [bp]	Corr. Area	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
176	1,001	9,054	1,145.2	98	100.0	767.56	2,897.7	Blue

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-11-26\2014-11-26\_001.xad

Created: 11/26/2014 9:17:46 AM  
 Modified: 11/26/2014 10:05:50 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 6 : HI GR lib 2**

Number of peaks found: 36                      Corr. Area 1: 845.2  
 Noise: 0.6

**Peak table for sample 6 : HI GR lib 2**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	215	35.74	251.3	
3	238	53.46	339.9	
4	260	50.13	292.0	
5	274	29.08	160.6	
6	288	43.53	228.8	
7	313	27.90	134.9	
8	326	16.51	76.7	
9	332	17.60	80.2	
10	341	20.19	89.6	
11	358	18.07	76.5	
12	371	20.64	84.3	
13	386	12.46	48.9	
14	399	9.62	36.5	
15	413	7.72	28.3	
16	433	8.70	30.4	
17	450	9.16	30.9	
18	493	7.33	22.5	
19	507	9.52	28.5	
20	537	11.36	32.0	
21	551	7.68	21.1	
22	581	6.28	16.4	
23	638	8.27	19.6	
24	684	9.83	21.8	
25	768	10.86	21.4	
26	820	11.62	21.5	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-11-26\2014-11-26\_001.xad


Created: 11/26/2014 9:17:46 AM  
 Modified: 11/26/2014 10:05:50 AM

**Electropherogram Summary Continued ...**

**... Peak table for sample 6 : HI GR lib 2**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	886	23.36	40.0	
28	991	15.46	23.6	
29	1,072	18.78	26.5	
30	1,185	22.64	28.9	
31	1,391	10.95	11.9	
32	1,511	8.64	8.7	
33	1,788	5.85	5.0	
34	2,332	2.43	1.6	
35	2,774	2.23	1.2	
36	2,967	2.68	1.4	
37	▶ 10,380	75.00	10.9	Upper Marker
38	12,986	0.00	0.0	

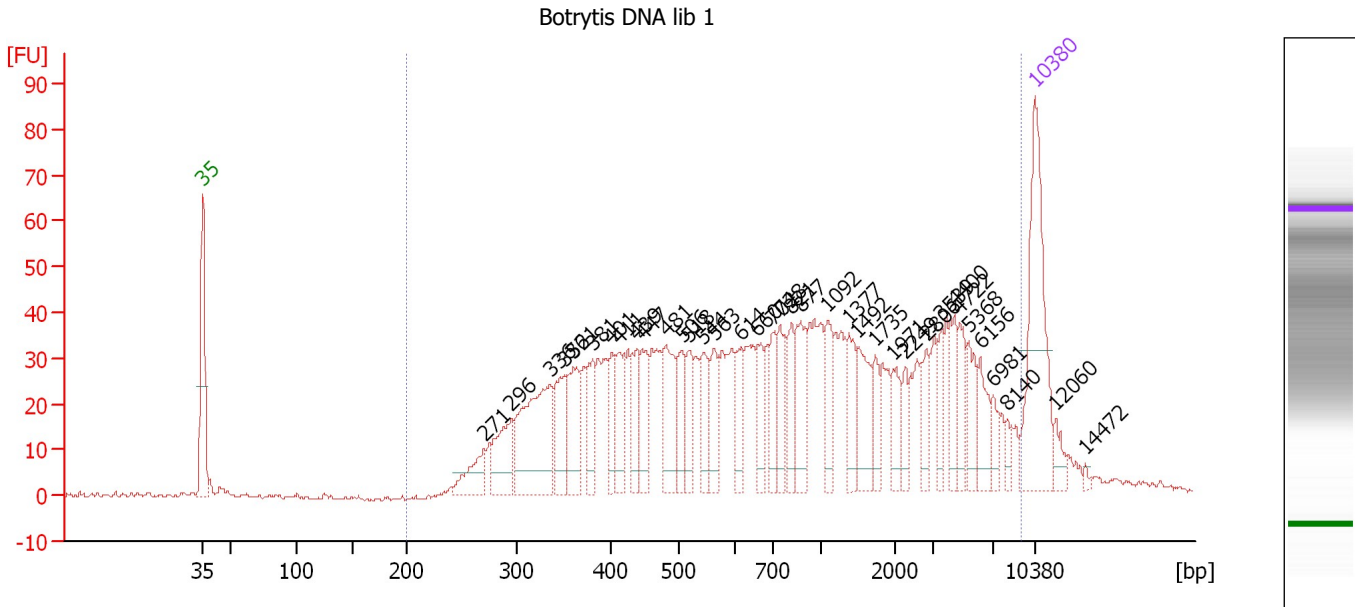
**Region table for sample 6 : HI GR lib 2**

From [bp]	Average Size [bp]	To [bp]	Corr. Area	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
162	835	7,819	845.2	96	100.0	850.57	3,390.0	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-11-26\2014-11-26\_001.xad

Created: 11/26/2014 9:17:46 AM  
 Modified: 11/26/2014 10:05:50 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 7 : Botrytis DNA lib 1**

Number of peaks found: 37                      Corr. Area 1: 1,516.8  
 Noise: 0.6

**Peak table for sample 7 : Botrytis DNA lib 1**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	271	26.18	146.6	
3	296	42.37	217.2	
4	336	99.17	447.3	
5	352	36.28	156.3	
6	361	41.38	173.8	
7	381	28.45	113.1	
8	401	22.20	83.9	
9	411	29.05	107.1	
10	439	25.53	88.1	
11	447	28.71	97.4	
12	481	41.01	129.1	
13	506	26.77	80.2	
14	518	23.19	67.8	
15	544	26.24	73.0	
16	563	25.85	69.6	
17	614	19.62	48.4	
18	660	21.75	49.9	
19	702	23.26	50.2	
20	748	21.67	43.9	
21	821	21.04	38.8	
22	877	32.61	56.3	
23	1,092	23.08	32.0	
24	1,377	23.37	25.7	
25	1,492	29.65	30.1	
26	1,735	13.87	12.1	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-11-26\2014-11-26\_001.xad


Created: 11/26/2014 9:17:46 AM  
 Modified: 11/26/2014 10:05:50 AM

**Electropherogram Summary Continued ...**

**... Peak table for sample 7 : Botrytis DNA lib 1**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	1,971	17.05	13.1	
28	2,249	10.44	7.0	
29	2,806	16.33	8.8	
30	3,539	13.63	5.8	
31	4,400	17.97	6.2	
32	4,722	15.92	5.1	
33	5,368	18.18	5.1	
34	6,156	17.91	4.4	
35	6,981	7.47	1.6	
36	8,140	5.55	1.0	
37	10,380	75.00	10.9	Upper Marker
38	12,060	0.00	0.0	
39	14,472	0.00	0.0	

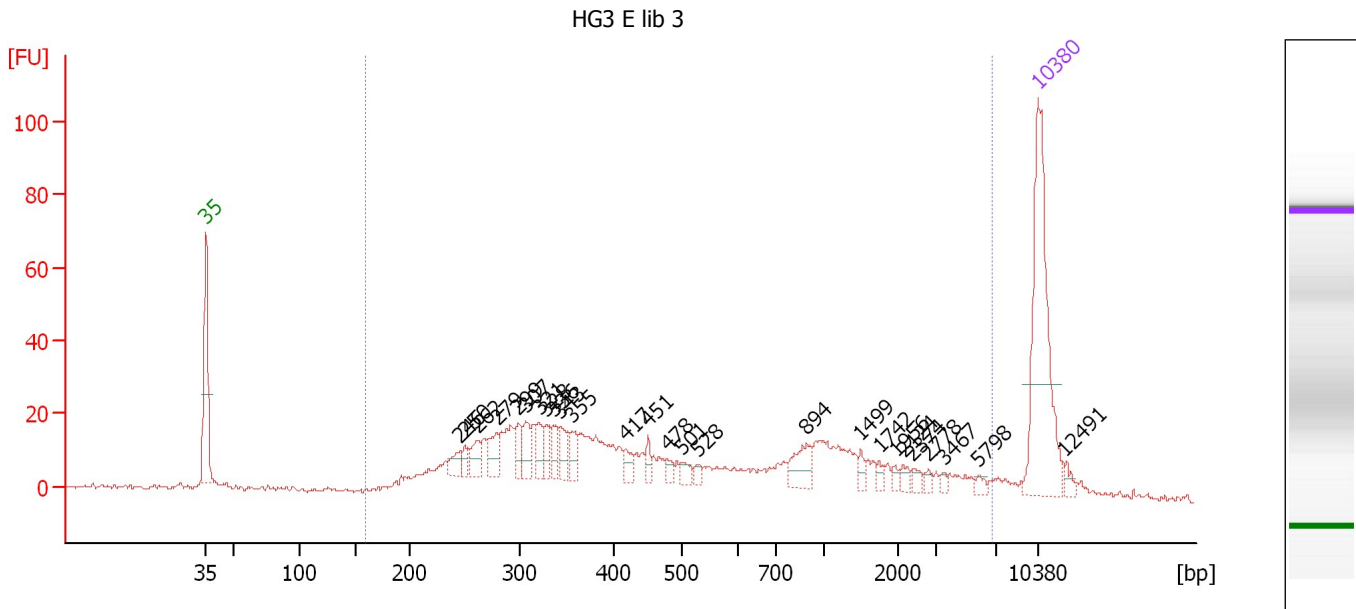
**Region table for sample 7 : Botrytis DNA lib 1**

From [bp]	Average Size [bp]	To [bp]	Corr. Area	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,541	9,228	1,516.8	97	100.0	1,314.18	3,510.3	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-11-26\2014-11-26\_001.xad

Created: 11/26/2014 9:17:46 AM  
 Modified: 11/26/2014 10:05:50 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 8 : HG3 E lib 3**

Number of peaks found: 26                      Corr. Area 1: 662.5  
 Noise: 0.7

**Peak table for sample 8 : HG3 E lib 3**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	246	9.29	57.3	
3	250	6.41	38.8	
4	262	11.95	69.1	
5	279	14.88	80.7	
6	299	11.57	58.6	
7	307	13.48	66.6	
8	321	10.67	50.3	
9	328	10.24	47.3	
10	336	9.94	44.8	
11	343	12.92	57.1	
12	355	11.23	47.9	
13	417	7.05	25.7	
14	451	5.42	18.2	
15	478	3.97	12.6	
16	501	5.26	15.9	
17	528	3.52	10.1	
18	894	14.60	24.8	
19	1,499	3.46	3.5	
20	1,742	2.90	2.5	
21	1,956	2.31	1.8	
22	2,124	3.41	2.4	
23	2,374	3.18	2.0	
24	2,778	2.35	1.3	
25	3,467	1.98	0.9	
26	5,798	2.39	0.6	

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2014-11-26\2014-11-26\_001.xad

Created: 11/26/2014 9:17:46 AM  
Modified: 11/26/2014 10:05:50 AM

**Electropherogram Summary Continued ...****... Peak table for sample 8 : HG3 E lib 3**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	10,380	75.00	10.9	Upper Marker
28	12,491	0.00	0.0	

**Region table for sample 8 : HG3 E lib 3**

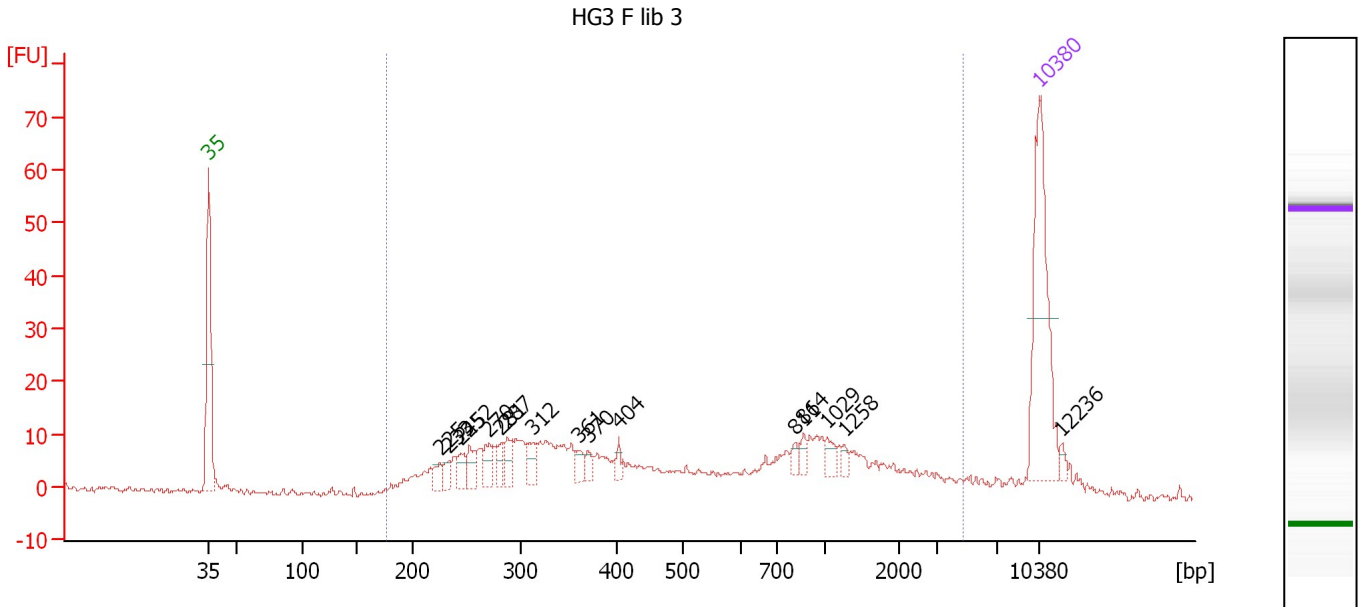
From [bp]	Average Size [bp]	To [bp]	Corr. Area	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
160	851	6,721	662.5	93	100.0	512.70	2,010.4	■



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-11-26\2014-11-26\_001.xad

Created: 11/26/2014 9:17:46 AM  
 Modified: 11/26/2014 10:05:50 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 9 : HG3 F lib 3**

Number of peaks found: 16      Corr. Area 1: 380.9  
 Noise: 0.5

**Peak table for sample 9 : HG3 F lib 3**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	225	9.33	62.9	
3	233	7.31	47.6	
4	245	11.43	70.7	
5	252	13.22	79.4	
6	270	12.95	72.6	
7	281	9.98	53.8	
8	287	13.93	73.6	
9	312	11.86	57.6	
10	361	7.58	31.8	
11	370	6.45	26.4	
12	404	4.93	18.5	
13	811	4.94	9.2	
14	864	4.99	8.8	
15	1,029	6.46	9.5	
16	1,258	3.25	3.9	
17	10,380	75.00	10.9	Upper Marker
18	12,236	0.00	0.0	

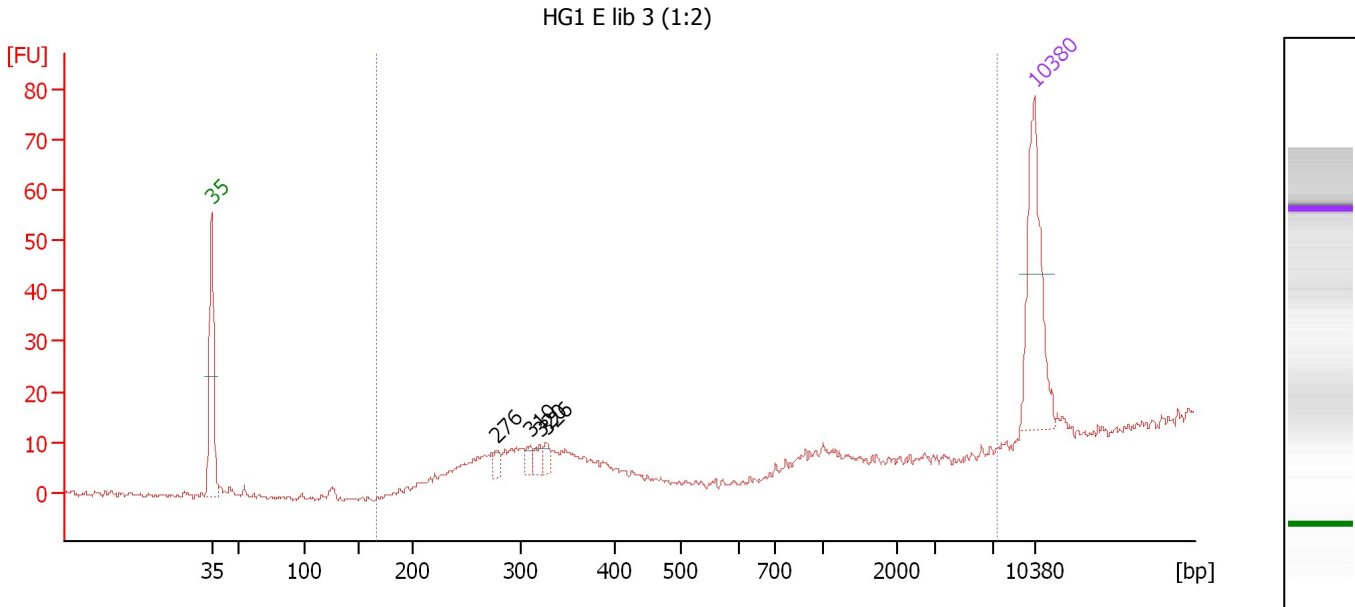
**Region table for sample 9 : HG3 F lib 3**

From [bp]	Average Size [bp]	To [bp]	Corr. Area	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
177	785	4,709	380.9	92	95.5	460.24	1,774.7	Blue

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-11-26\2014-11-26\_001.xad

Created: 11/26/2014 9:17:46 AM  
 Modified: 11/26/2014 10:05:50 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 10 : HG1 E lib 3 (1:2)**

Number of peaks found: 4                      Corr. Area 1: 19.4  
 Noise: 0.5

**Peak table for sample 10 : HG1 E lib 3 (1:2)**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	276	9.12	50.0	
3	310	8.10	39.6	
4	320	8.68	41.1	
5	326	7.86	36.5	
6	10,380	75.00	10.9	Upper Marker

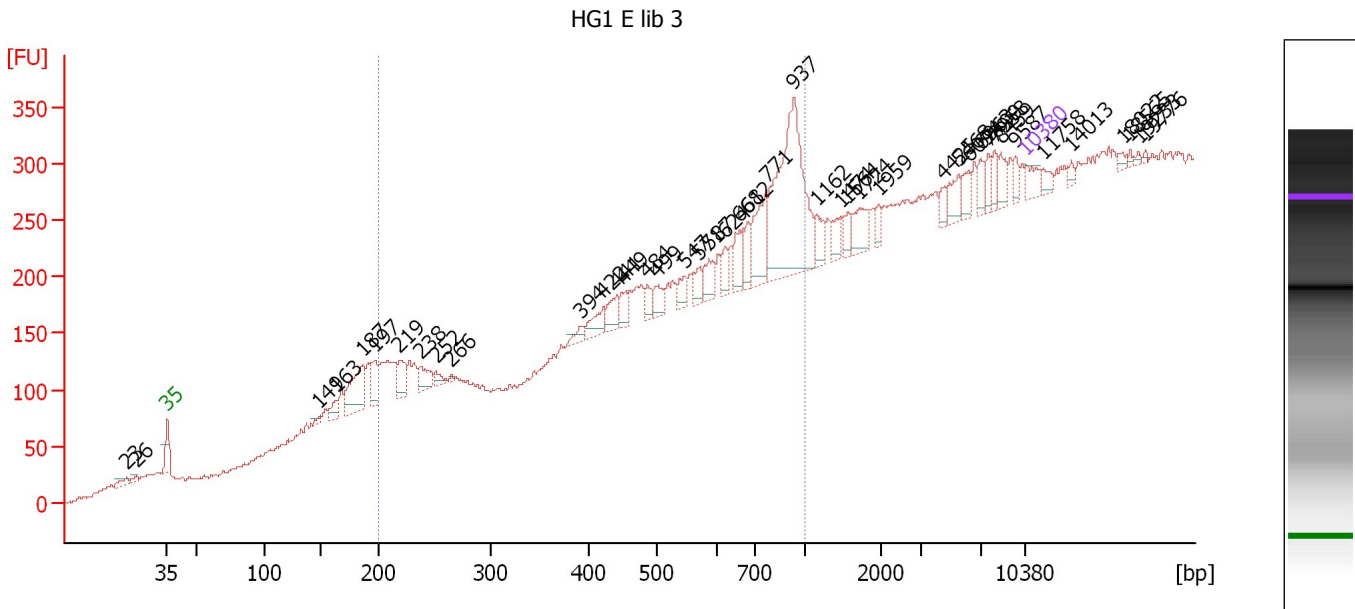
**Region table for sample 10 : HG1 E lib 3 (1:2)**

From [bp]	Average Size [bp]	To [bp]	Corr. Area	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
167	302	7,325	19.4	98	8.0	29.61	149.5	Blue

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-11-26\2014-11-26\_001.xad

Created: 11/26/2014 9:17:46 AM  
 Modified: 11/26/2014 10:05:50 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 11 : HG1 E lib 3**

Number of peaks found: 43                      Corr. Area 1: 1,381.7  
 Noise: 2.1

**Peak table for sample 11 : HG1 E lib 3**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	23	0.00	0.0	
2	26	0.00	0.0	
3	35	125.00	5,411.3	Lower Marker
4	149	35.73	363.9	
5	163	87.41	811.5	
6	187	434.92	3,533.1	
7	197	185.65	1,429.6	
8	219	193.46	1,338.3	
9	238	157.42	1,004.1	
10	252	58.60	352.6	
11	266	14.75	84.1	
12	394	55.14	212.3	
13	422	137.75	495.1	
14	441	131.84	453.3	
15	449	107.61	363.1	
16	484	76.97	240.8	
17	499	101.06	307.0	
18	547	96.19	266.6	
19	571	95.06	252.2	
20	587	135.39	349.7	
21	624	85.65	207.9	
22	661	144.37	331.1	
23	682	144.00	320.0	
24	771	339.59	667.6	
25	937	1,213.63	1,961.8	
26	1,162	116.04	151.2	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-11-26\2014-11-26\_001.xad


Created: 11/26/2014 9:17:46 AM  
 Modified: 11/26/2014 10:05:50 AM

**Electropherogram Summary Continued ...**

**... Peak table for sample 11 : HG1 E lib 3**

Peak	Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
27	1,474	86.09	88.5	
28	1,564	69.42	67.2	
29	1,724	149.74	131.6	
30	1,959	53.01	41.0	
31	4,425	53.62	18.4	
32	5,468	116.84	32.4	
33	6,094	75.34	18.7	
34	6,963	65.67	14.3	
35	7,499	66.63	13.5	
36	7,958	66.88	12.7	
37	8,459	80.94	14.5	
38	9,587	48.20	7.6	
39	10,380	75.00	10.9	Upper Marker
40	11,758	0.00	0.0	
41	14,013	0.00	0.0	
42	18,022	0.00	0.0	
43	18,565	0.00	0.0	
44	19,233	0.00	0.0	
45	19,776	0.00	0.0	

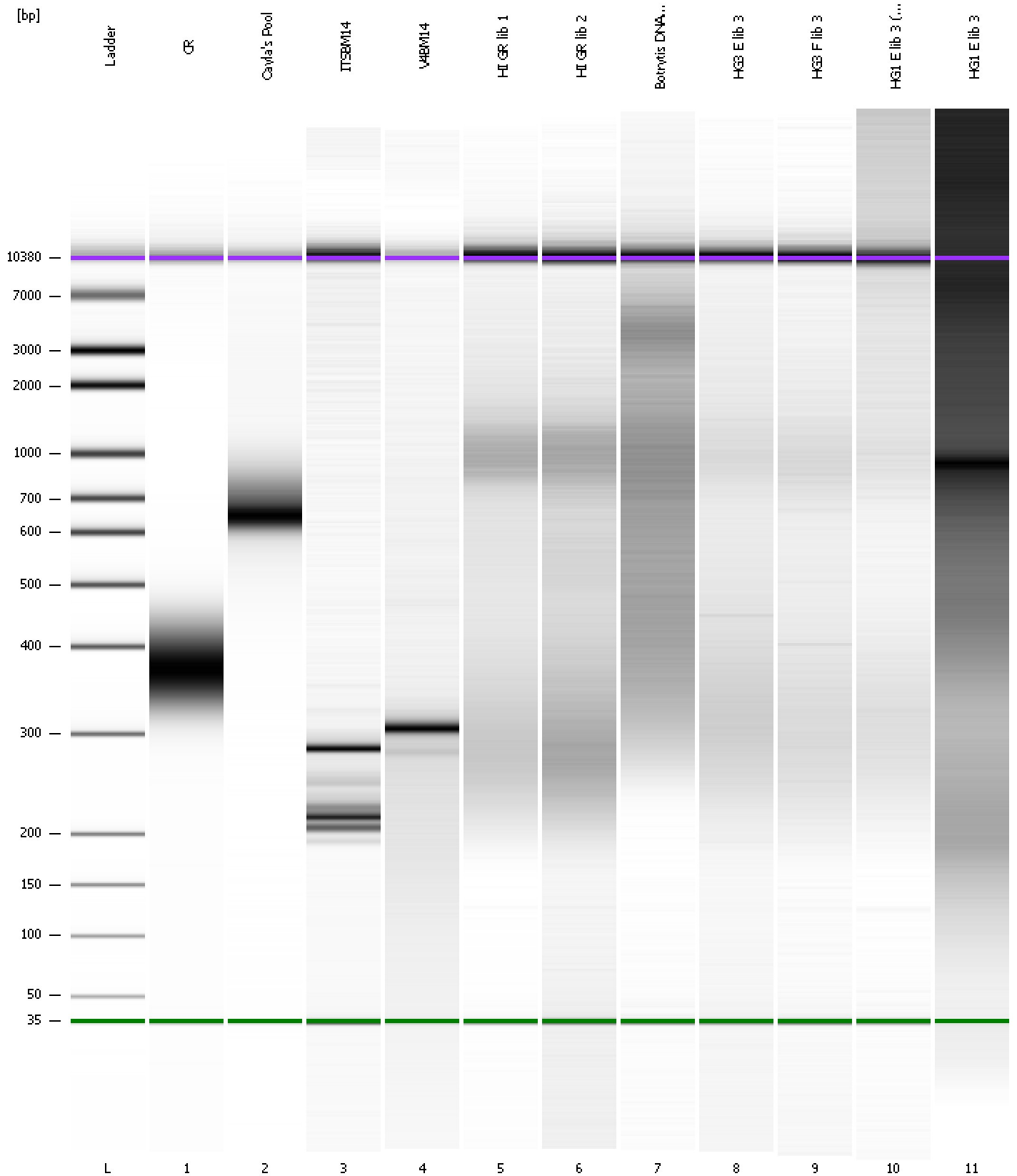
**Region table for sample 11 : HG1 E lib 3**

From [bp]	Average Size [bp]	To [bp]	Corr. Area	% of Total	Size distribution in CV [%]	Conc. [pg/µl]	Molarity [pmol/l]	Color
200	627	1,000	1,381.7	52	37.6	4,518.50	15,666.1	

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2014-11-26\2014-11-26\_001.xad

Created: 11/26/2014 9:17:46 AM  
Modified: 11/26/2014 10:05:50 AM

**Gel Image**



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-11-26\2014-11-26\_001.xad

Created: 11/26/2014 9:17:46 AM  
 Modified: 11/26/2014 10:05:50 AM

**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		11/26/2014 9:59:06 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Documents and Settings\Bioanalyzer\2014-11-26\2014-11-26_001.xad)		Instrument	Run		11/26/2014 9:17:52 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938B		Instrument	Run		11/26/2014 9:17:52 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		11/26/2014 9:17:52 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		11/26/2014 9:17:52 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE13701086		Instrument	Run		11/26/2014 9:17:52 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		11/26/2014 9:17:52 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		11/26/2014 9:17:52 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1