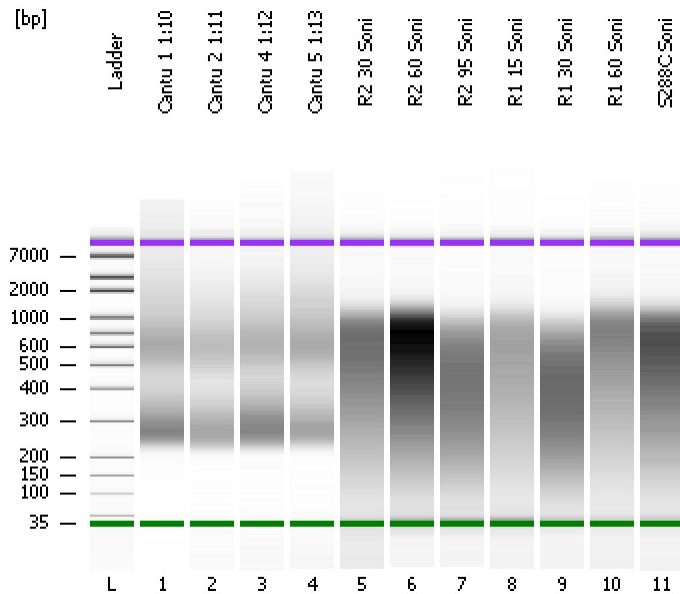


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-01\2013-02-01\_004.xad

Created: 2/1/2013 4:13:33 PM  
Modified: 2/1/2013 4:57:03 PM

**Electrophoresis File Run Summary**



Instrument Information:

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

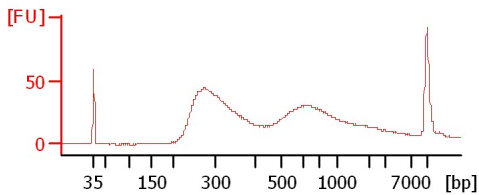
Assay Information:

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

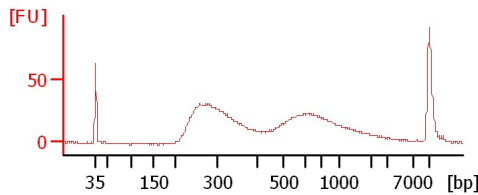
Chip Information:

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

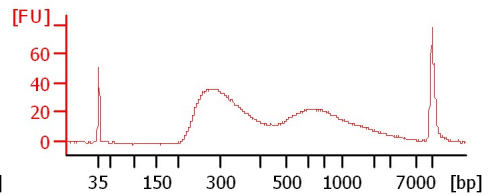
**Cantu 1 1:10**



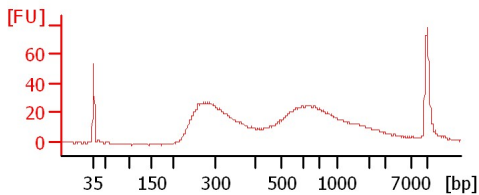
**Cantu 2 1:11**



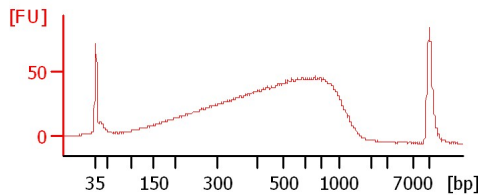
**Cantu 4 1:12**



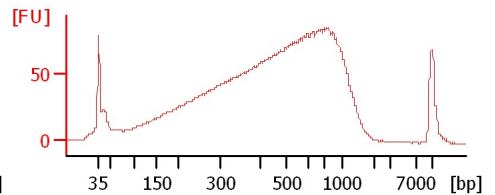
**Cantu 5 1:13**



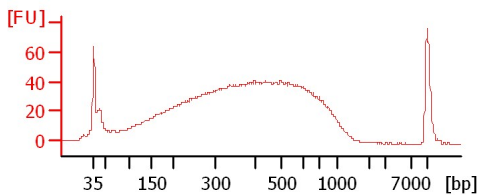
**R2 30 Soni**



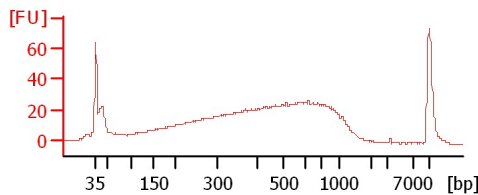
**R2 60 Soni**



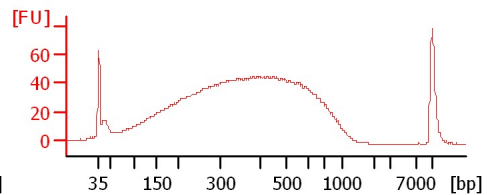
**R2 95 Soni**



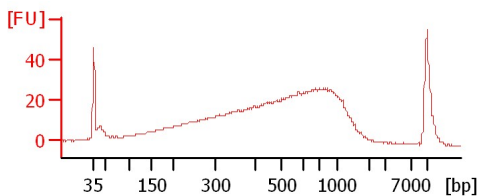
**R1 15 Soni**



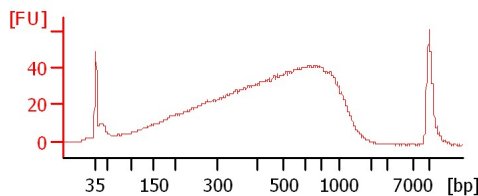
**R1 30 Soni**



**R1 60 Soni**



**S288C Soni**



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-01\2013-02-01\_004.xad

Created: 2/1/2013 4:13:33 PM  
 Modified: 2/1/2013 4:57:03 PM

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

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
Cantu 1 1:10		<input type="checkbox"/>	✓			
Cantu 2 1:11		<input type="checkbox"/>	✓			
Cantu 4 1:12		<input type="checkbox"/>	✓			
Cantu 5 1:13		<input type="checkbox"/>	✓			
R2 30 Soni		<input type="checkbox"/>	✓			
R2 60 Soni		<input type="checkbox"/>	✓			
R2 95 Soni		<input type="checkbox"/>	✓			
R1 15 Soni		<input type="checkbox"/>	✓			
R1 30 Soni		<input type="checkbox"/>	✓			
R1 60 Soni		<input type="checkbox"/>	✓			
S288C Soni		<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\2013-02-01\2013-02-01\_004.xad

Created: 2/1/2013 4:13:33 PM  
Modified: 2/1/2013 4:57:03 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

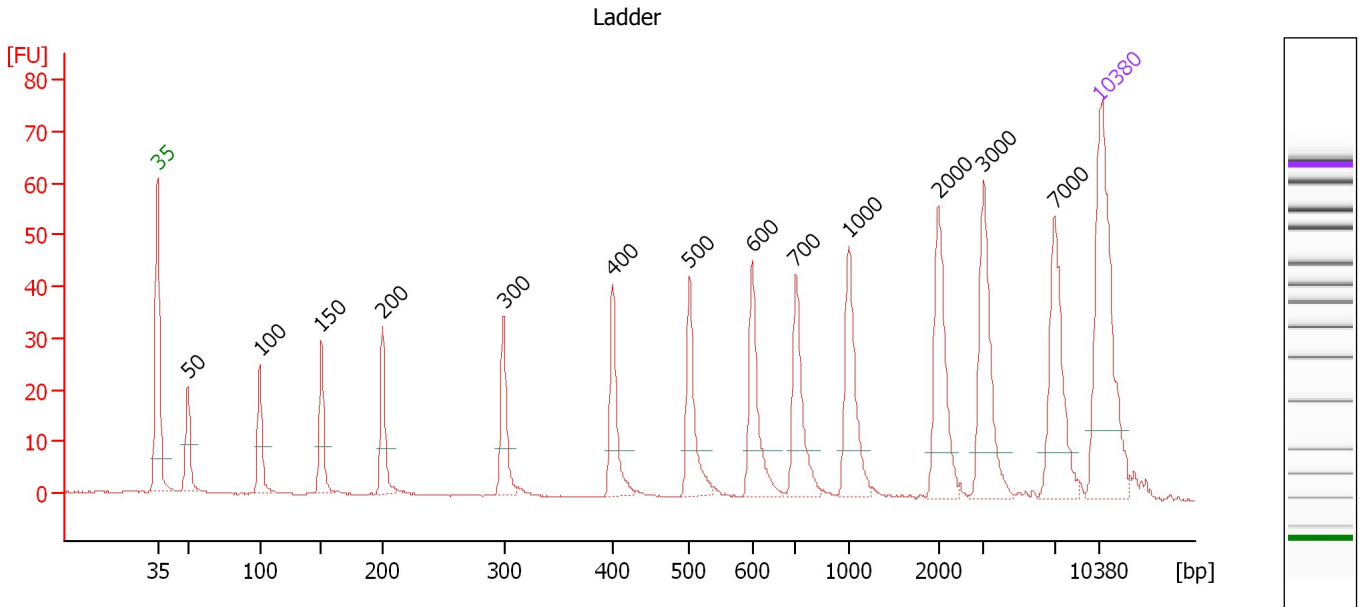
**Ladder**

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:\...ents and Settings\Bioanalyzer\2013-02-01\2013-02-01\_004.xad

Created: 2/1/2013 4:13:33 PM  
 Modified: 2/1/2013 4:57:03 PM

**Electropherogram Summary**



**Overall Results for Ladder**

Noise: 0.1

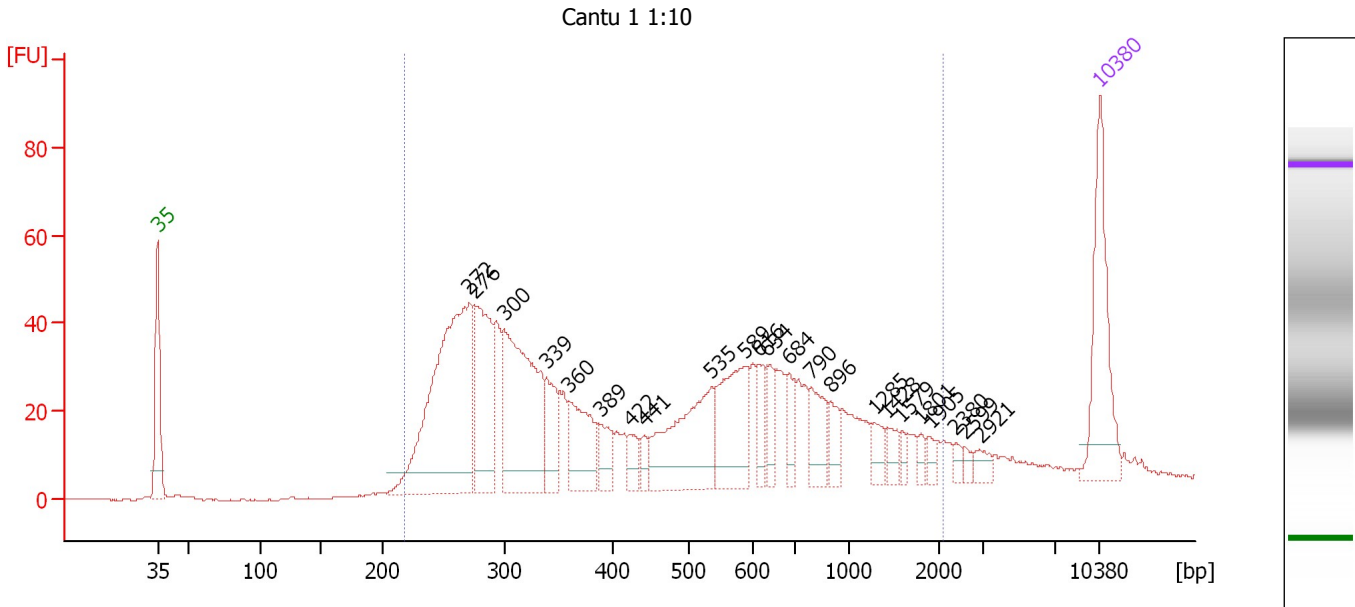
**Peak table for Ladder**

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\2013-02-01\2013-02-01\_004.xad

Created: 2/1/2013 4:13:33 PM  
 Modified: 2/1/2013 4:57:03 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 1 : Cantu 1 1:10**

Number of peaks found: 23                      Corr. Area 1: 1,157.0  
 Noise: 0.2

**Peak table for sample 1 : Cantu 1 1:10**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	272	305.85	1,706.1	
3	276	124.43	682.0	
4	300	191.05	964.4	
5	339	47.86	213.6	
6	360	64.38	271.1	
7	389	24.36	94.8	
8	422	16.64	59.7	
9	441	11.23	38.5	
10	535	111.80	316.7	
11	589	82.76	212.8	
12	616	19.81	48.8	
13	634	21.06	50.3	
14	684	21.93	48.6	
15	790	32.65	62.6	
16	896	16.94	28.7	
17	1,285	13.10	15.5	
18	1,428	12.31	13.1	
19	1,579	6.36	6.1	
20	1,801	6.08	5.1	
21	1,905	7.61	6.1	
22	2,380	5.28	3.4	
23	2,599	4.01	2.3	
24	2,921	8.24	4.3	
25	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-01\2013-02-01\_004.xad

Created: 2/1/2013 4:13:33 PM  
Modified: 2/1/2013 4:57:03 PM

**Electropherogram Summary Continued ...**

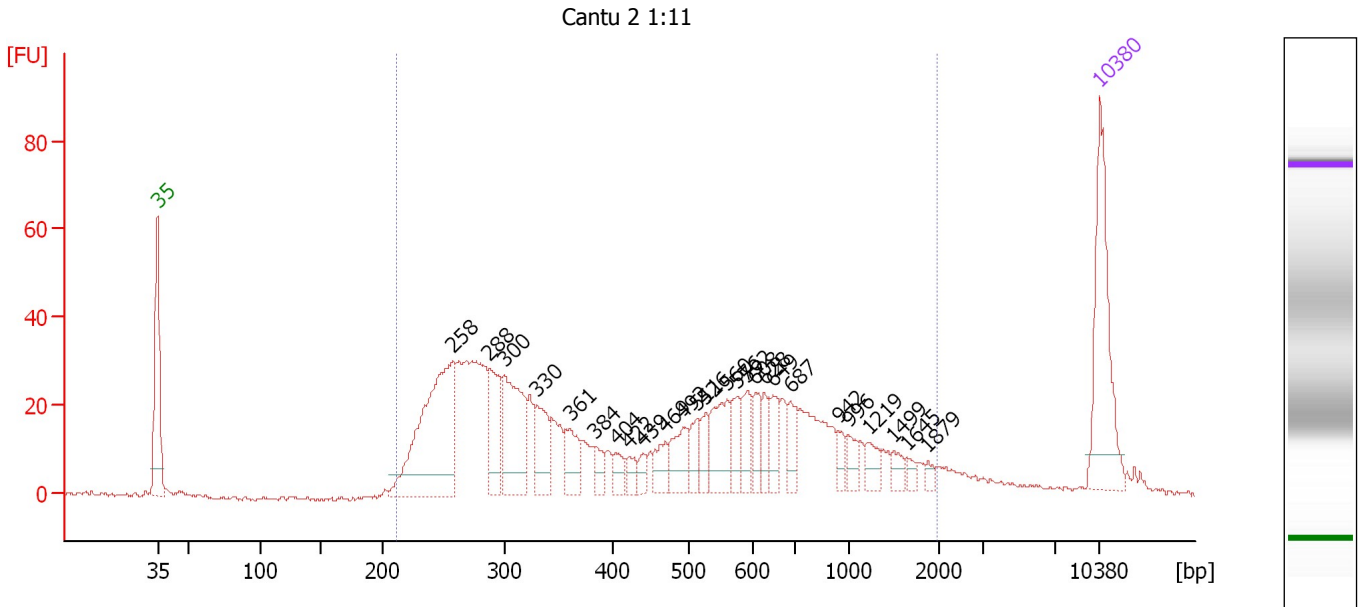
... Region table for sample 1 : Cantu 1 1:10

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
218	2,118	553	5,599.2	1,376.54	1,157.0	94	68.0	■

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-01\2013-02-01\_004.xad

Created: 2/1/2013 4:13:33 PM  
 Modified: 2/1/2013 4:57:03 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 2 : Cantu 2 1:11**

Number of peaks found: 26                      Corr. Area 1: 915.4  
 Noise: 0.6

**Peak table for sample 2 : Cantu 2 1:11**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	258	189.72	1,115.2	
3	288	50.64	266.1	
4	300	89.53	451.8	
5	330	40.94	187.7	
6	361	29.54	123.9	
7	384	11.80	46.6	
8	404	11.75	44.1	
9	422	10.55	37.9	
10	439	8.73	30.1	
11	469	17.53	56.7	
12	492	28.62	88.1	
13	511	18.27	54.2	
14	526	15.21	43.8	
15	560	40.93	110.7	
16	576	19.77	52.0	
17	592	22.61	57.9	
18	608	18.46	46.0	
19	628	15.82	38.2	
20	649	20.42	47.7	
21	687	18.73	41.3	
22	942	9.06	14.6	
23	996	10.17	15.5	
24	1,219	12.53	15.6	
25	1,499	8.38	8.5	
26	1,645	5.46	5.0	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-01\2013-02-01\_004.xad

Created: 2/1/2013 4:13:33 PM  
 Modified: 2/1/2013 4:57:03 PM

### Electropherogram Summary Continued ...

#### ... Peak table for sample 2 : Cantu 2 1:11

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	1,879	3.87	3.1	
28	10,380	75.00	10.9	Upper Marker

#### Region table for sample 2 : Cantu 2 1:11

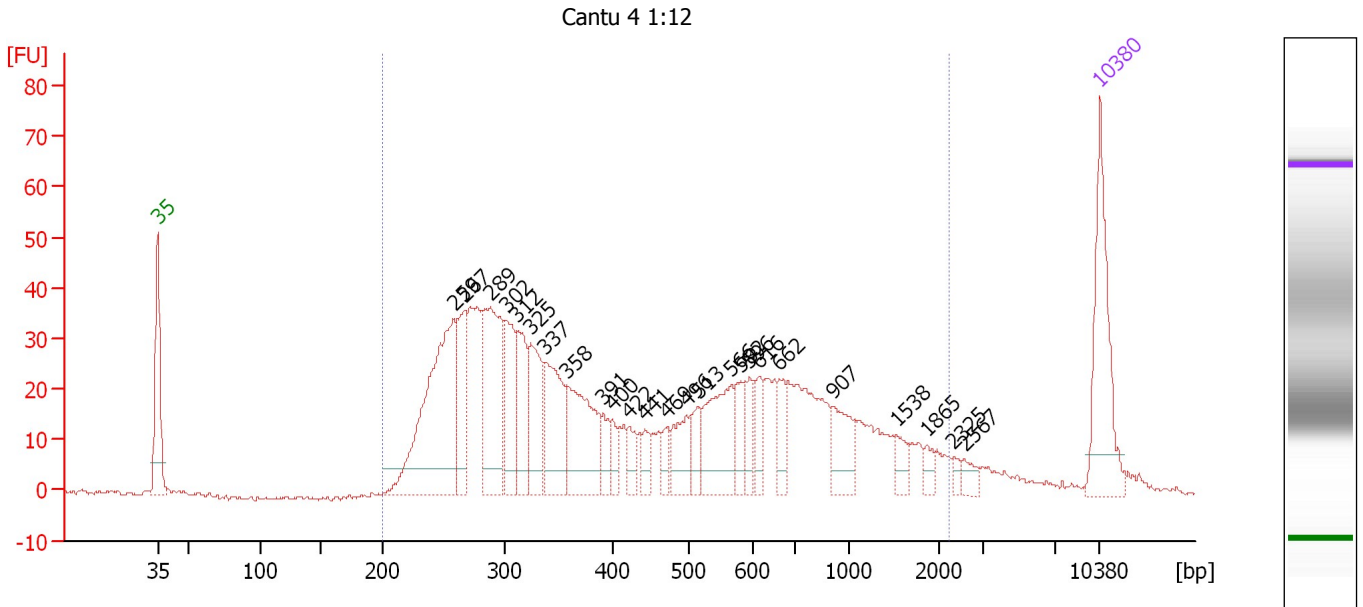
From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
212	1,975	544	4,481.3	1,095.81	915.4	94	64.5	■



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-01\2013-02-01\_004.xad

Created: 2/1/2013 4:13:33 PM  
 Modified: 2/1/2013 4:57:03 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 3 : Cantu 4 1:12**

Number of peaks found: 25                      Corr. Area 1: 1,088.4  
 Noise: 0.4

**Peak table for sample 3 : Cantu 4 1:12**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	259	226.28	1,324.1	
3	267	60.77	344.8	
4	289	135.57	711.5	
5	302	59.51	298.6	
6	312	63.94	310.4	
7	325	69.73	325.1	
8	337	83.58	375.4	
9	358	94.71	400.8	
10	391	19.34	74.9	
11	400	16.17	61.3	
12	422	16.57	59.5	
13	441	13.99	48.0	
14	469	13.34	43.1	
15	496	34.14	104.2	
16	513	22.60	66.7	
17	566	71.79	192.2	
18	582	23.96	62.4	
19	596	19.62	49.8	
20	616	22.84	56.2	
21	662	22.45	51.4	
22	907	38.25	63.9	
23	1,538	13.42	13.2	
24	1,865	7.46	6.1	
25	2,325	4.70	3.1	
26	2,567	8.37	4.9	


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-01\2013-02-01\_004.xad

Created: 2/1/2013 4:13:33 PM  
Modified: 2/1/2013 4:57:03 PM

**Electropherogram Summary Continued ...****... Peak table for sample 3 : Cantu 4 1:12**

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

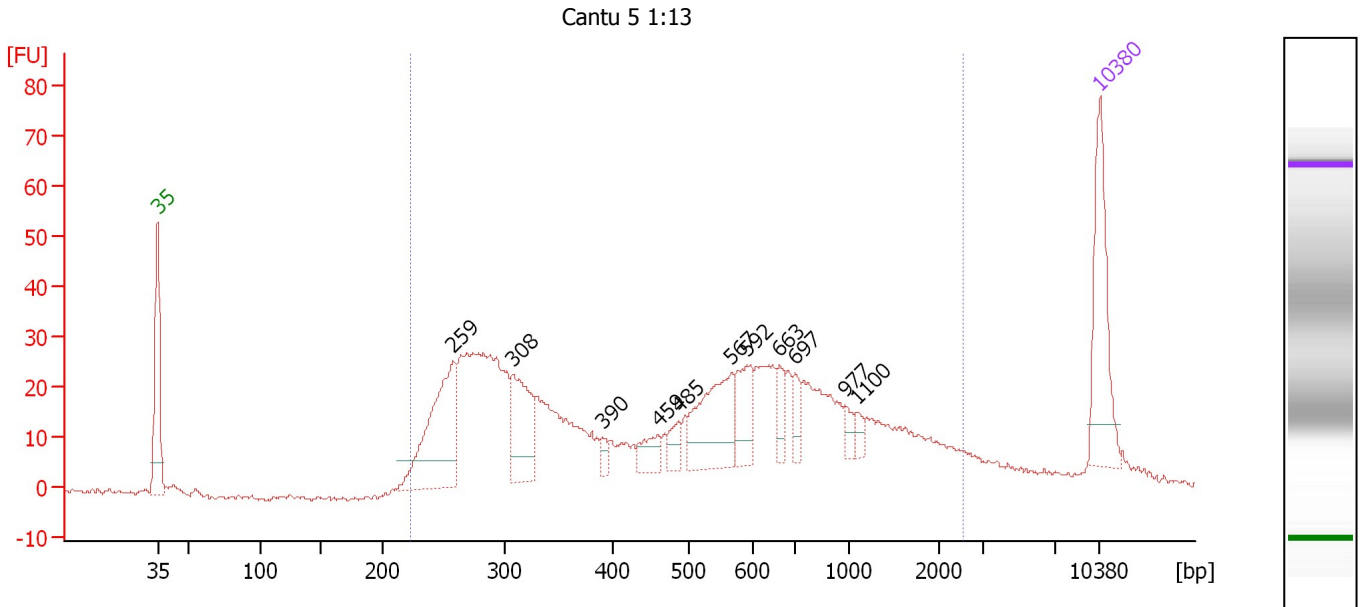
**Region table for sample 3 : Cantu 4 1:12**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ $\mu$ l]	Corr. Area	% of Total	Size distribution in CV [%]	Color
200	2,224	553	6,197.5	1,514.77	1,088.4	95	70.0	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-01\2013-02-01\_004.xad

Created: 2/1/2013 4:13:33 PM  
 Modified: 2/1/2013 4:57:03 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 4 : Cantu 5 1:13**

Number of peaks found: 11                      Corr. Area 1: 884.8  
 Noise: 0.6

**Peak table for sample 4 : Cantu 5 1:13**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	259	150.86	883.9	
3	308	83.56	411.2	
4	390	8.92	34.7	
5	459	21.83	72.1	
6	485	15.88	49.6	
7	567	87.08	232.7	
8	592	42.58	109.0	
9	663	19.39	44.3	
10	697	16.26	35.3	
11	977	10.77	16.7	
12	1,100	7.26	10.0	
13	10,380	75.00	10.9	Upper Marker

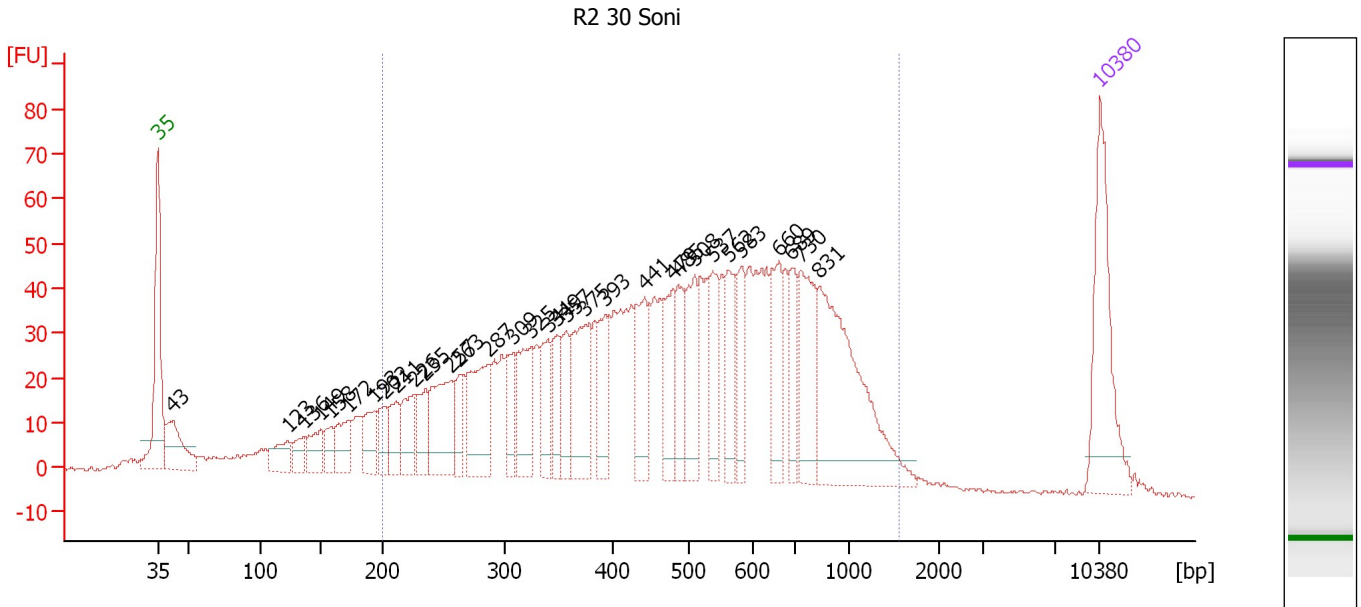
**Region table for sample 4 : Cantu 5 1:13**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
223	2,531	636	4,920.4	1,306.49	884.8	93	71.5	Blue

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-01\2013-02-01\_004.xad

Created: 2/1/2013 4:13:33 PM  
 Modified: 2/1/2013 4:57:03 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 5 : R2 30 Soni**

Number of peaks found: 32      Corr. Area 1: 1,668.7  
 Noise: 0.4

**Peak table for sample 5 : R2 30 Soni**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	43	58.64	2,087.1	
3	123	29.20	359.1	
4	136	19.96	222.3	
5	149	27.08	274.5	
6	158	18.10	173.2	
7	172	33.30	293.6	
8	193	30.63	240.2	
9	202	23.13	173.8	
10	211	28.65	205.7	
11	226	36.53	245.2	
12	235	29.93	192.8	
13	257	71.54	422.2	
14	263	25.66	147.8	
15	287	73.85	389.6	
16	309	30.47	149.6	
17	325	58.56	273.0	
18	341	35.45	157.4	
19	349	29.49	128.1	
20	357	29.59	125.5	
21	375	70.61	285.6	
22	393	44.49	171.4	
23	441	56.33	193.5	
24	479	42.54	134.5	
25	485	41.17	128.6	
26	508	51.51	153.6	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-01\2013-02-01\_004.xad

Created: 2/1/2013 4:13:33 PM  
 Modified: 2/1/2013 4:57:03 PM

### Electropherogram Summary Continued ...

#### ... Peak table for sample 5 : R2 30 Soni

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	537	43.98	124.2	
28	562	40.31	108.6	
29	583	37.11	96.5	
30	660	49.32	113.2	
31	689	34.14	75.1	
32	730	67.20	139.4	
33	831	161.31	294.0	
34	▶ 10,380	75.00	10.9	Upper Marker

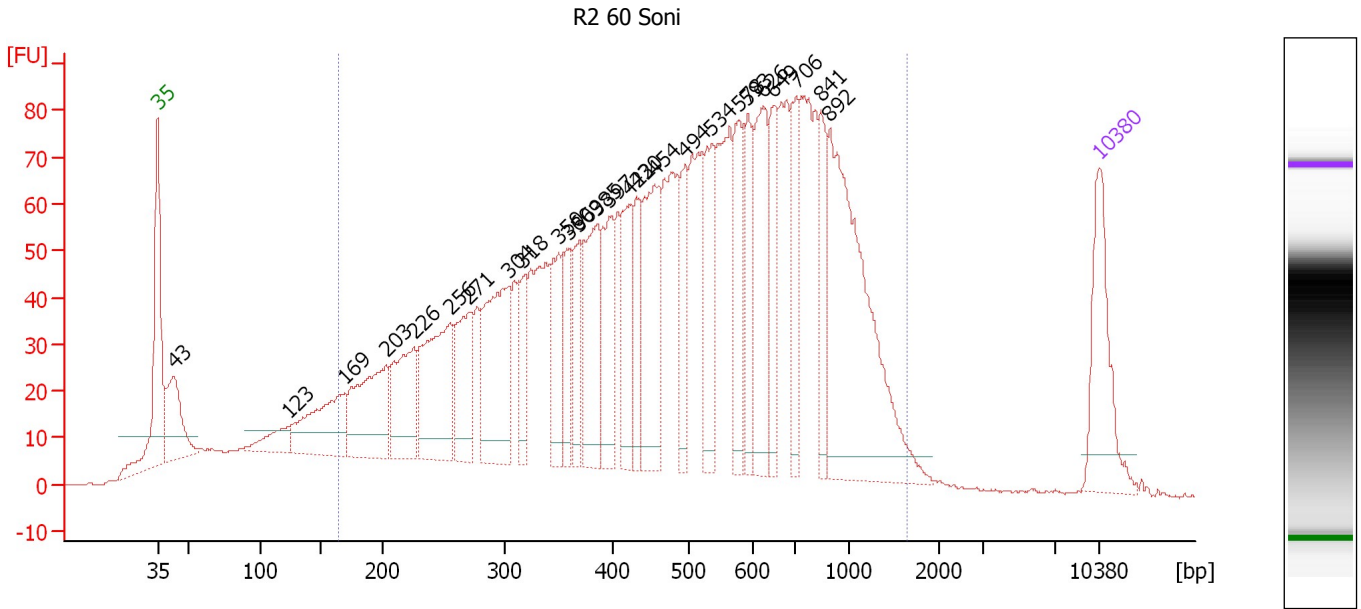
#### Region table for sample 5 : R2 30 Soni

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
200	1,570	533	6,339.3	1,706.66	1,668.7	86	46.0	■

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-01\2013-02-01\_004.xad

Created: 2/1/2013 4:13:33 PM  
 Modified: 2/1/2013 4:57:03 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 6 : R2 60 Soni**

Number of peaks found: 26                      Corr. Area 1: 2,875.9  
 Noise: 0.2

**Peak table for sample 6 : R2 60 Soni**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	43	98.00	3,455.9	
3	123	36.96	456.5	
4	169	111.44	1,000.8	
5	203	129.50	964.3	
6	226	102.74	689.5	
7	256	150.89	894.8	
8	271	88.77	495.5	
9	304	147.67	735.4	
10	318	46.00	219.3	
11	350	65.64	283.9	
12	360	52.01	219.0	
13	369	52.31	214.7	
14	385	110.24	433.6	
15	397	77.68	296.5	
16	422	68.45	245.9	
17	430	53.65	189.0	
18	454	121.36	404.7	
19	494	57.20	175.6	
20	534	80.62	228.6	
21	578	72.11	189.1	
22	593	62.57	159.8	
23	626	103.77	251.2	
24	649	59.90	139.8	
25	706	66.30	142.3	
26	841	53.96	97.3	

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-01\2013-02-01\_004.xad

Created: 2/1/2013 4:13:33 PM  
Modified: 2/1/2013 4:57:03 PM

**Electropherogram Summary Continued ...****... Peak table for sample 6 : R2 60 Soni**

Peak	Size [bp]	Conc. [pg/ $\mu$ l]	Molarity [pmol/l]	Observations
27	892	272.30	462.7	
28	▶ 10,380	75.00	10.9	Upper Marker

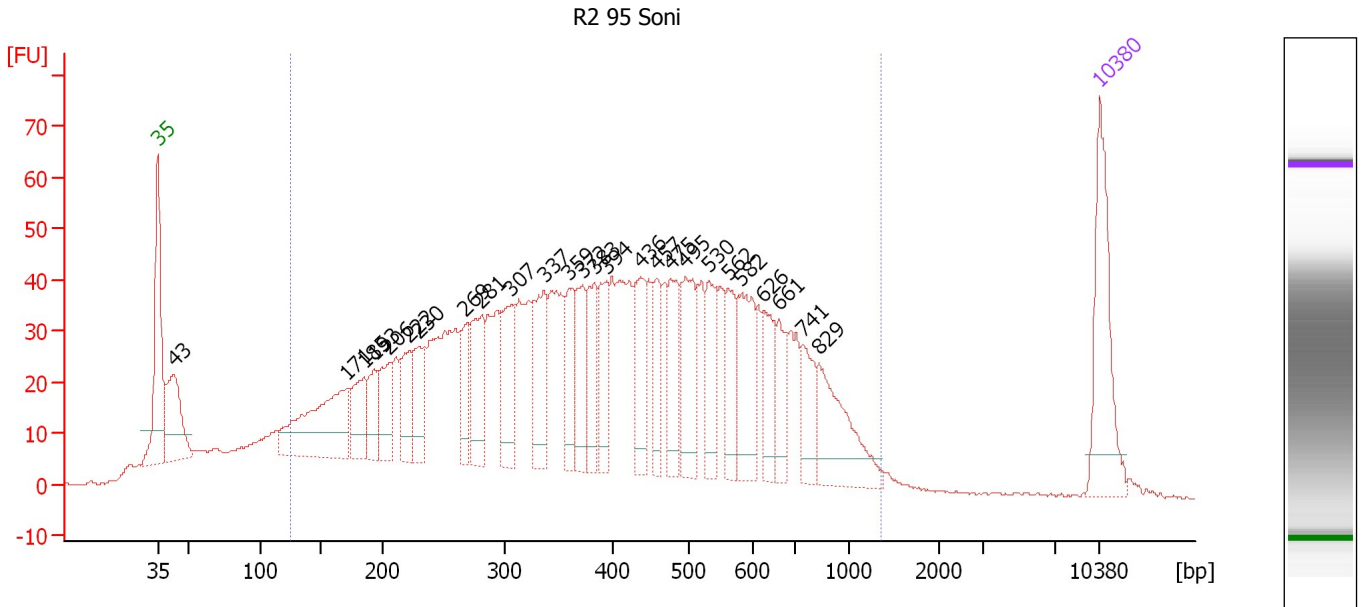
**Region table for sample 6 : R2 60 Soni**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ $\mu$ l]	Corr. Area	% of Total	Size distribution in CV [%]	Color
164	1,656	543	13,172.0	3,367.01	2,875.9	89	49.7	■

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-01\2013-02-01\_004.xad

Created: 2/1/2013 4:13:33 PM  
 Modified: 2/1/2013 4:57:03 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 7 : R2 95 Soni**

Number of peaks found: 26                      Corr. Area 1: 1,853.4  
 Noise: 0.3

**Peak table for sample 7 : R2 95 Soni**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	43	94.84	3,337.3	
3	171	143.59	1,272.0	
4	185	47.28	387.5	
5	193	36.09	282.8	
6	206	49.54	364.9	
7	222	46.68	318.9	
8	230	51.01	336.3	
9	269	38.31	216.2	
10	281	66.43	358.3	
11	307	65.28	322.3	
12	337	74.64	335.8	
13	359	46.17	194.6	
14	372	48.80	198.8	
15	383	48.13	190.5	
16	394	47.93	184.3	
17	436	53.03	184.1	
18	457	37.75	125.2	
19	475	51.73	165.2	
20	495	68.17	208.7	
21	530	47.97	137.1	
22	562	41.98	113.3	
23	582	67.35	175.2	
24	626	41.37	100.2	
25	661	32.94	75.5	
26	741	36.47	74.6	



Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-01\2013-02-01\_004.xad

Created: 2/1/2013 4:13:33 PM  
Modified: 2/1/2013 4:57:03 PM

**Electropherogram Summary Continued ...****... Peak table for sample 7 : R2 95 Soni**

Peak	Size [bp]	Conc. [pg/ $\mu$ l]	Molarity [pmol/l]	Observations
27	829	75.97	138.8	
28	▶ 10,380	75.00	10.9	Upper Marker

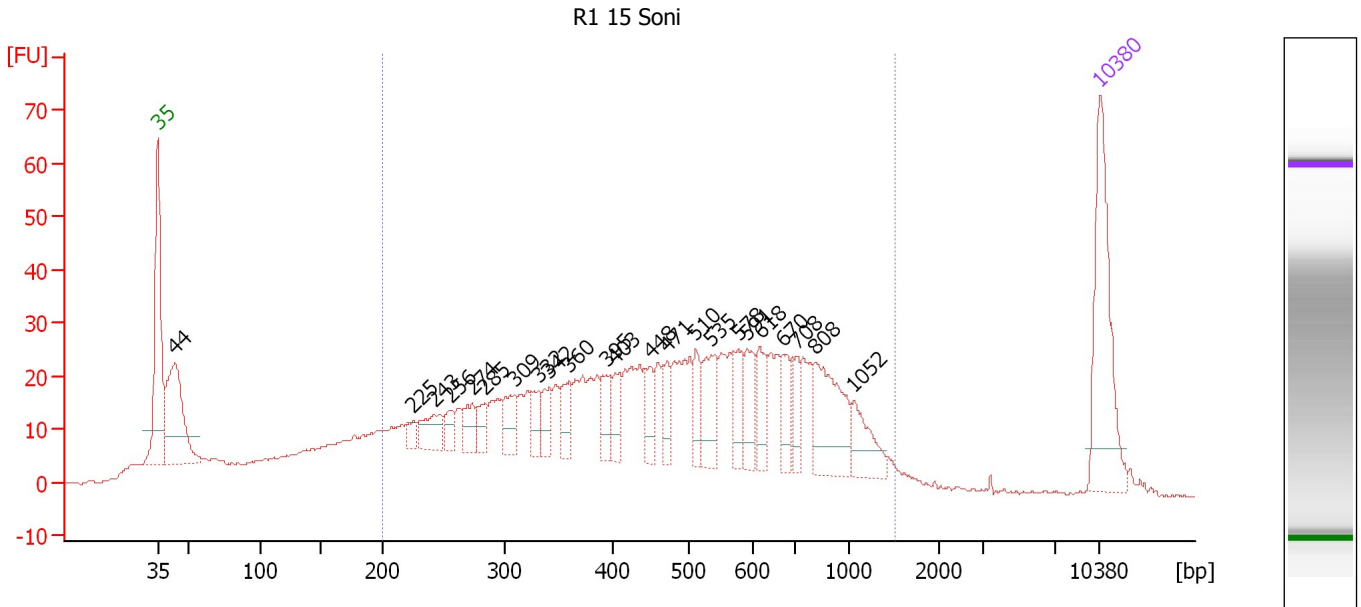
**Region table for sample 7 : R2 95 Soni**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ $\mu$ l]	Corr. Area	% of Total	Size distribution in CV [%]	Color
125	1,349	428	12,239.7	2,484.47	1,853.4	89	46.9	■

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-01\2013-02-01\_004.xad

Created: 2/1/2013 4:13:33 PM  
 Modified: 2/1/2013 4:57:03 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 8 : R1 15 Soni**

Number of peaks found: 23      Corr. Area 1: 959.1  
 Noise: 0.3

**Peak table for sample 8 : R1 15 Soni**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	44	116.25	4,026.8	
3	225	9.50	63.9	
4	243	27.63	172.1	
5	256	12.40	73.4	
6	274	17.82	98.6	
7	285	13.33	71.0	
8	309	24.90	121.9	
9	332	16.00	73.0	
10	342	15.15	67.2	
11	360	20.83	87.6	
12	395	19.50	74.9	
13	403	19.67	73.9	
14	448	19.38	65.5	
15	471	18.69	60.1	
16	510	21.17	62.9	
17	535	34.92	98.9	
18	578	21.93	57.5	
19	591	25.88	66.4	
20	618	24.38	59.8	
21	670	21.13	47.8	
22	708	17.97	38.4	
23	808	62.43	117.1	
24	1,052	26.84	38.7	
25	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-01\2013-02-01\_004.xad

Created: 2/1/2013 4:13:33 PM  
Modified: 2/1/2013 4:57:03 PM

**Electropherogram Summary Continued ...**

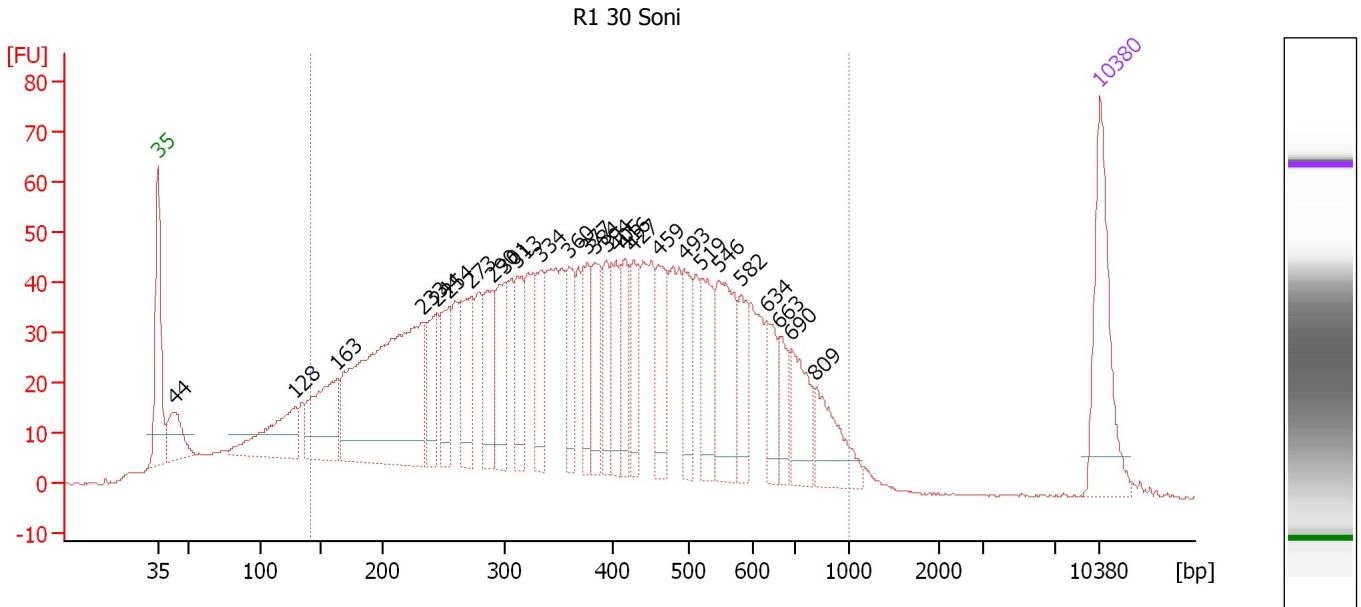
... Region table for sample 8 : R1 15 Soni

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
200	1,506	520	4,661.0	1,219.04	959.1	77	46.9	■

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-01\2013-02-01\_004.xad

Created: 2/1/2013 4:13:33 PM  
 Modified: 2/1/2013 4:57:03 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 9 : R1 30 Soni**

Number of peaks found: 27      Corr. Area 1: 1,954.4  
 Noise: 0.2

**Peak table for sample 9 : R1 30 Soni**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	44	52.03	1,800.0	
3	128	88.82	1,049.4	
4	163	99.90	928.7	
5	233	335.14	2,182.5	
6	244	55.21	342.8	
7	254	46.96	279.7	
8	273	65.41	362.6	
9	290	59.28	309.5	
10	301	63.69	321.1	
11	313	50.09	242.7	
12	334	59.75	271.2	
13	360	44.05	185.2	
14	377	46.54	187.2	
15	384	49.65	196.0	
16	394	42.21	162.2	
17	405	41.58	155.7	
18	416	44.80	163.3	
19	427	41.14	146.0	
20	459	54.87	181.0	
21	493	40.62	124.9	
22	519	53.96	157.4	
23	546	86.09	238.9	
24	582	38.62	100.6	
25	634	34.11	81.5	
26	663	25.96	59.3	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-01\2013-02-01\_004.xad

Created: 2/1/2013 4:13:33 PM  
 Modified: 2/1/2013 4:57:03 PM

### Electropherogram Summary Continued ...

#### ... Peak table for sample 9 : R1 30 Soni

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	690	50.71	111.4	
28	809	50.54	94.7	
29	10,380	75.00	10.9	Upper Marker

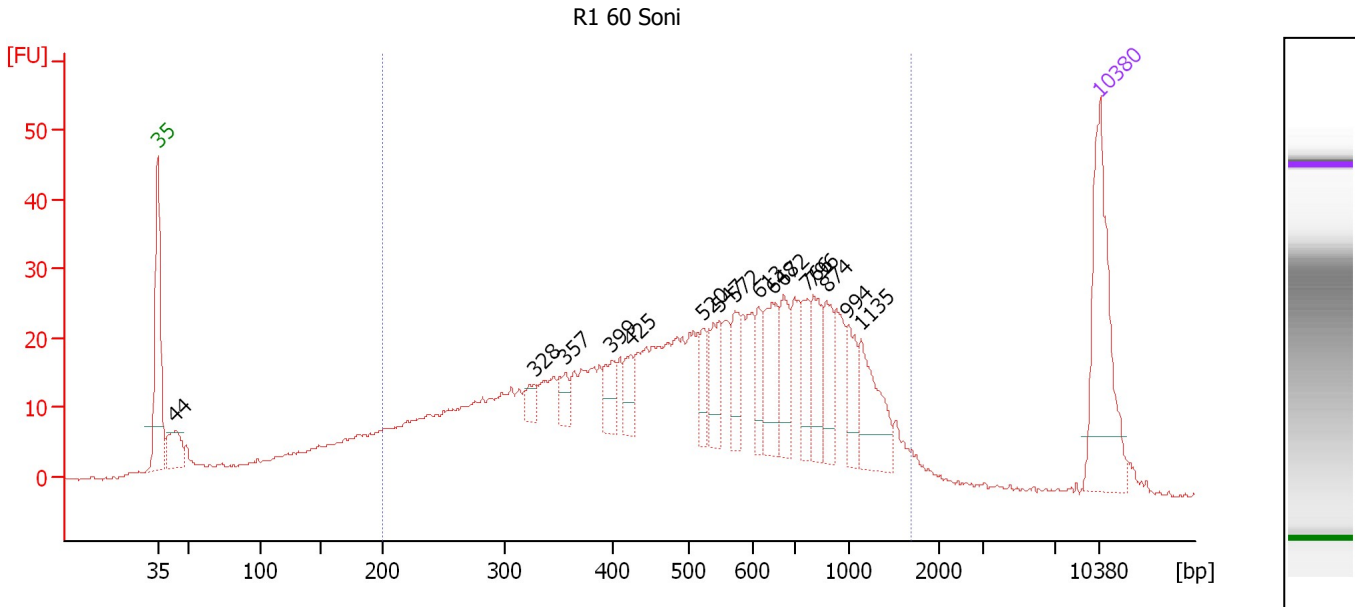
#### Region table for sample 9 : R1 30 Soni

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
141	1,000	404	12,297.1	2,500.28	1,954.4	88	41.6	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-01\2013-02-01\_004.xad

Created: 2/1/2013 4:13:33 PM  
 Modified: 2/1/2013 4:57:03 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 10 : R1 60 Soni**

Number of peaks found: 16      Corr. Area 1: 879.2  
 Noise: 0.2

**Peak table for sample 10 : R1 60 Soni**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	44	33.05	1,142.8	
3	328	11.32	52.3	
4	357	14.41	61.2	
5	399	18.26	69.4	
6	425	18.04	64.4	
7	520	18.49	53.8	
8	547	26.19	72.6	
9	572	21.73	57.5	
10	613	20.60	50.9	
11	648	36.28	84.8	
12	672	27.66	62.3	
13	766	22.29	44.1	
14	796	32.18	61.3	
15	874	28.50	49.4	
16	994	22.47	34.3	
17	1,135	41.89	55.9	
18	10,380	75.00	10.9	Upper Marker

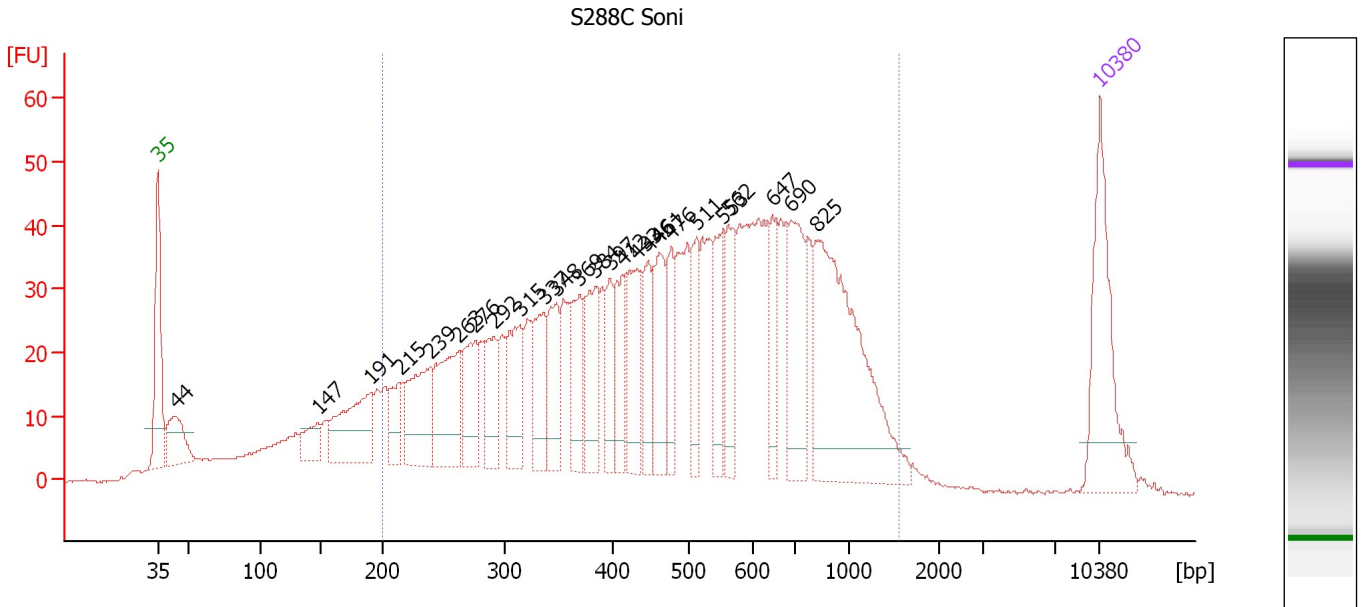
**Region table for sample 10 : R1 60 Soni**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
200	1,704	585	4,608.2	1,296.20	879.2	84	50.8	Blue

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-01\2013-02-01\_004.xad

Created: 2/1/2013 4:13:33 PM  
 Modified: 2/1/2013 4:57:03 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 11 : S288C Soni**

Number of peaks found: 25                      Corr. Area 1: 1,447.3  
 Noise: 0.2

**Peak table for sample 11 : S288C Soni**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	44	50.30	1,735.6	
3	147	25.09	258.6	
4	191	81.81	650.5	
5	215	29.68	209.5	
6	239	75.06	476.1	
7	263	81.67	470.3	
8	276	53.20	291.7	
9	292	42.76	222.1	
10	315	59.47	286.4	
11	337	50.43	226.9	
12	348	47.07	205.1	
13	369	45.09	185.1	
14	384	55.85	220.5	
15	397	33.47	127.7	
16	412	44.04	162.1	
17	433	64.20	224.9	
18	446	43.42	147.4	
19	461	55.65	182.8	
20	476	39.50	125.8	
21	511	37.45	111.1	
22	553	44.72	122.6	
23	562	48.29	130.1	
24	647	39.42	92.3	
25	690	80.12	176.1	
26	825	199.61	366.6	

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-01\2013-02-01\_004.xad

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Modified: 2/1/2013 4:57:03 PM

**Electropherogram Summary Continued ...****... Peak table for sample 11 : S288C Soni**

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

**Region table for sample 11 : S288C Soni**

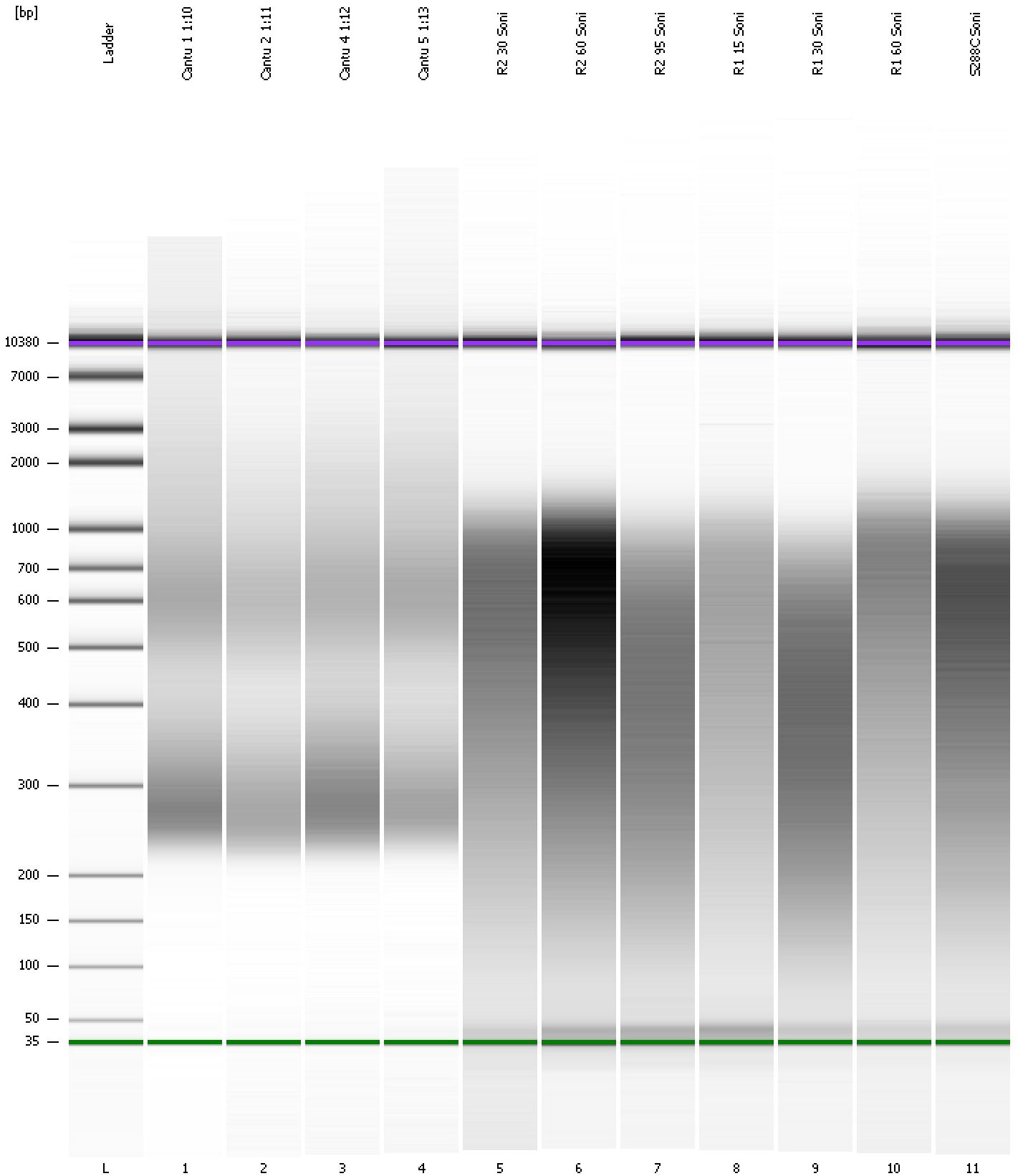
From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ $\mu$ l]	Corr. Area	% of Total	Size distribution in CV [%]	Color
200	1,559	535	7,298.0	1,953.59	1,447.3	84	47.1	



Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-01\2013-02-01\_004.xad

Created: 2/1/2013 4:13:33 PM  
Modified: 2/1/2013 4:57:03 PM

**Gel Image**



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-01\2013-02-01\_004.xad

Created: 2/1/2013 4:13:33 PM  
 Modified: 2/1/2013 4:57:03 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		2/1/2013 4:54:53 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Documents and Settings\Bioanalyzer\2013-02-01\2013-02-01_004.xad)		Instrument	Run		2/1/2013 4:13:39 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938B		Instrument	Run		2/1/2013 4:13:39 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		2/1/2013 4:13:39 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		2/1/2013 4:13:39 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE13701086		Instrument	Run		2/1/2013 4:13:39 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		2/1/2013 4:13:39 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		2/1/2013 4:13:39 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1