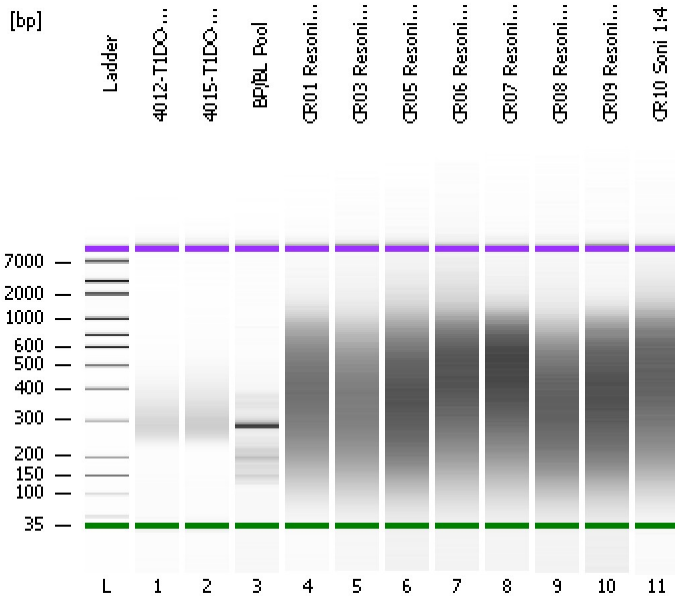


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-06-19\2013-06-19_002.xad

Created: 6/19/2013 1:56:38 PM
Modified: 6/19/2013 2:48:59 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

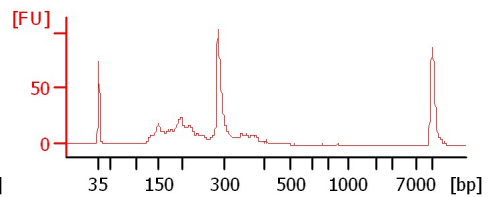
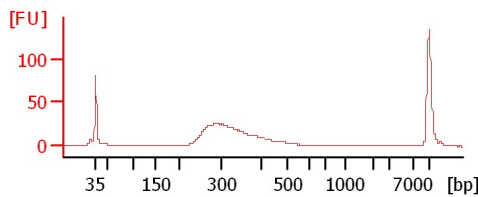
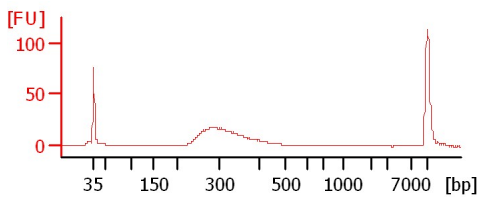
Chip Information:

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

4012-T1DO-P4 mRNA Lib

4015-T1DO-P4 mRNA Lib

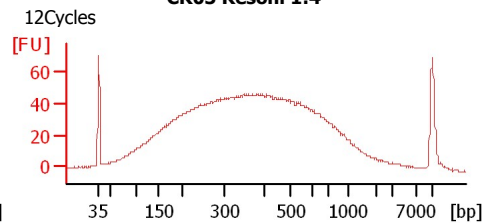
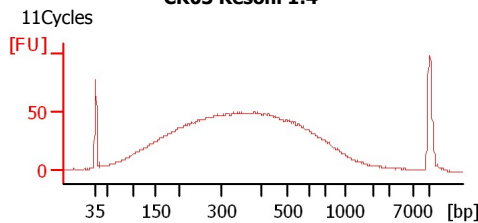
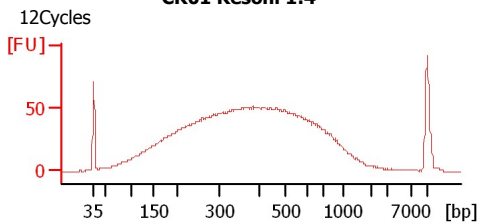
BP/BL Pool



CR01 Resoni 1:4

CR03 Resoni 1:4

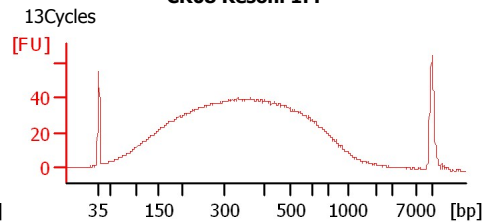
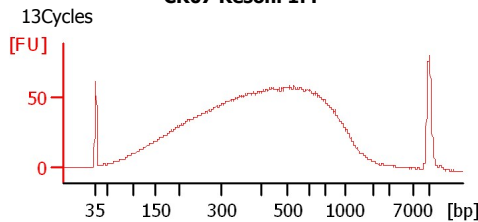
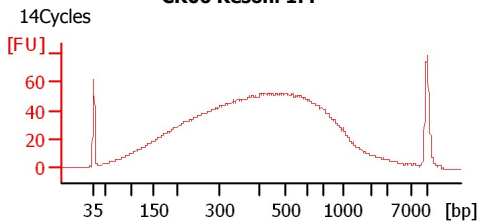
CR05 Resoni 1:4



CR06 Resoni 1:4

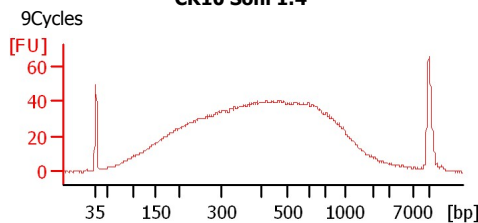
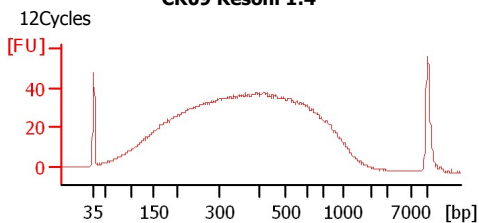
CR07 Resoni 1:4

CR08 Resoni 1:4



CR09 Resoni 1:4

CR10 Soni 1:4



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-06-19\2013-06-19_002.xad

Created: 6/19/2013 1:56:38 PM
 Modified: 6/19/2013 2:48:59 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
4012-T1DO-P4 mRNA Lib		<input type="checkbox"/>	✓			
4015-T1DO-P4 mRNA Lib		<input type="checkbox"/>	✓			
BP/BL Pool		<input type="checkbox"/>	✓			
CR01 Resoni 1:4	12Cycles	<input type="checkbox"/>	✓			
CR03 Resoni 1:4	11Cycles	<input type="checkbox"/>	✓			
CR05 Resoni 1:4	12Cycles	<input type="checkbox"/>	✓			
CR06 Resoni 1:4	14Cycles	<input type="checkbox"/>	✓			
CR07 Resoni 1:4	13Cycles	<input type="checkbox"/>	✓			
CR08 Resoni 1:4	13Cycles	<input type="checkbox"/>	✓			
CR09 Resoni 1:4	12Cycles	<input type="checkbox"/>	✓			
CR10 Soni 1:4	9Cycles	<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\2013-06-19\2013-06-19_002.xad

Created: 6/19/2013 1:56:38 PM
Modified: 6/19/2013 2:48:59 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/ μ l] : 1950
Uses Standard Area for Ladder Fragments
Lower Marker Concentration [pg/ μ l] : 125
Upper Marker Concentration [pg/ μ l] : 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

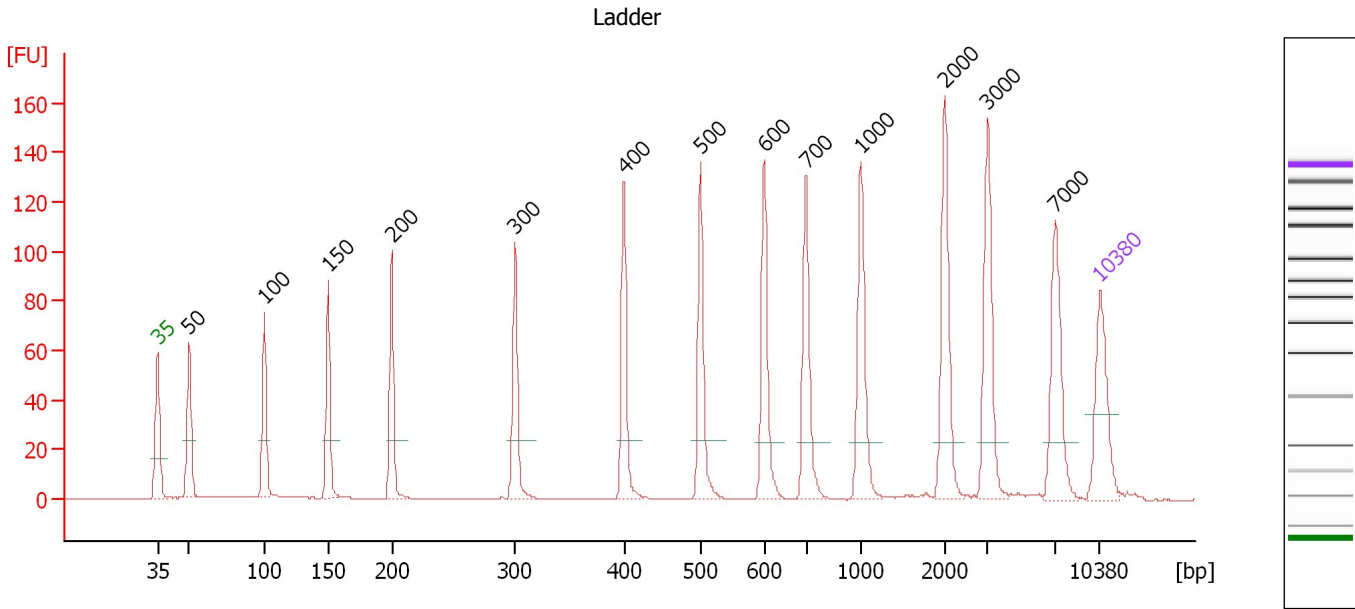
Ladder

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\2013-06-19\2013-06-19_002.xad

Created: 6/19/2013 1:56:38 PM
 Modified: 6/19/2013 2:48:59 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.1

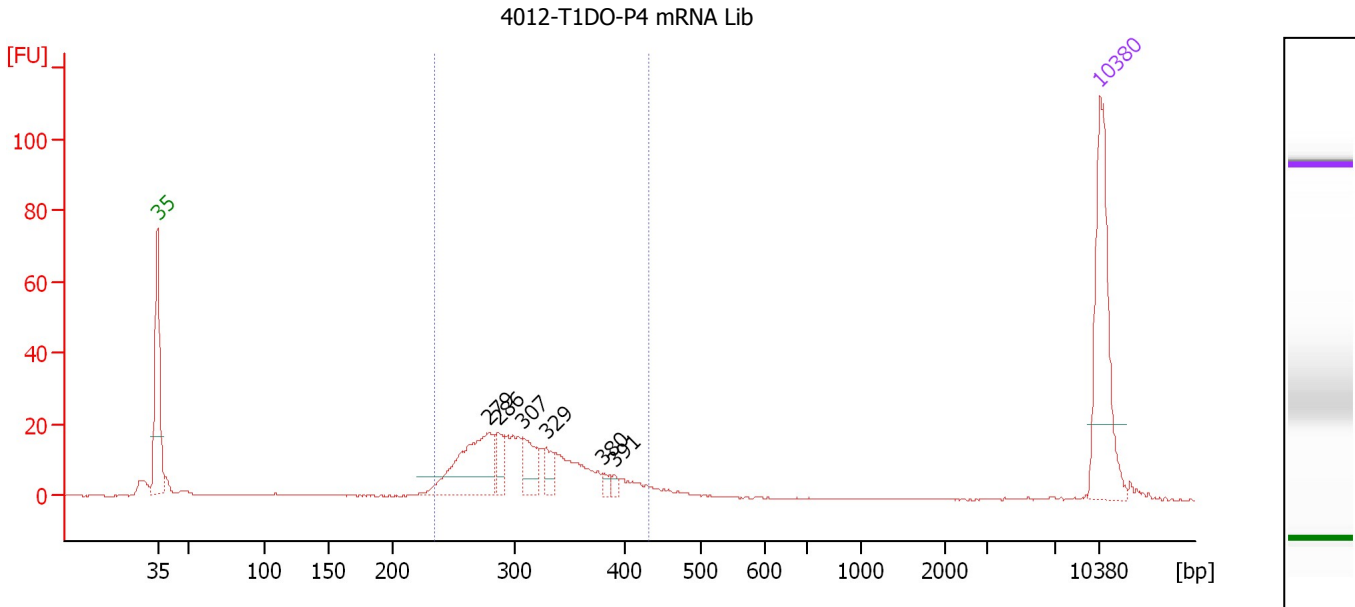
Peak table for Ladder

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\2013-06-19\2013-06-19_002.xad

Created: 6/19/2013 1:56:38 PM
 Modified: 6/19/2013 2:48:59 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : 4012-T1DO-P4 mRNA Lib

Number of peaks found: 6 Corr. Area 1: 256.1
 Noise: 0.1

Peak table for sample 1 : 4012-T1DO-P4 mRNA Lib

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	279	84.08	456.6	
3	286	18.14	96.0	
4	307	28.39	140.0	
5	329	15.25	70.3	
6	380	4.43	17.6	
7	391	3.92	15.2	
8	10,380	75.00	10.9	Upper Marker

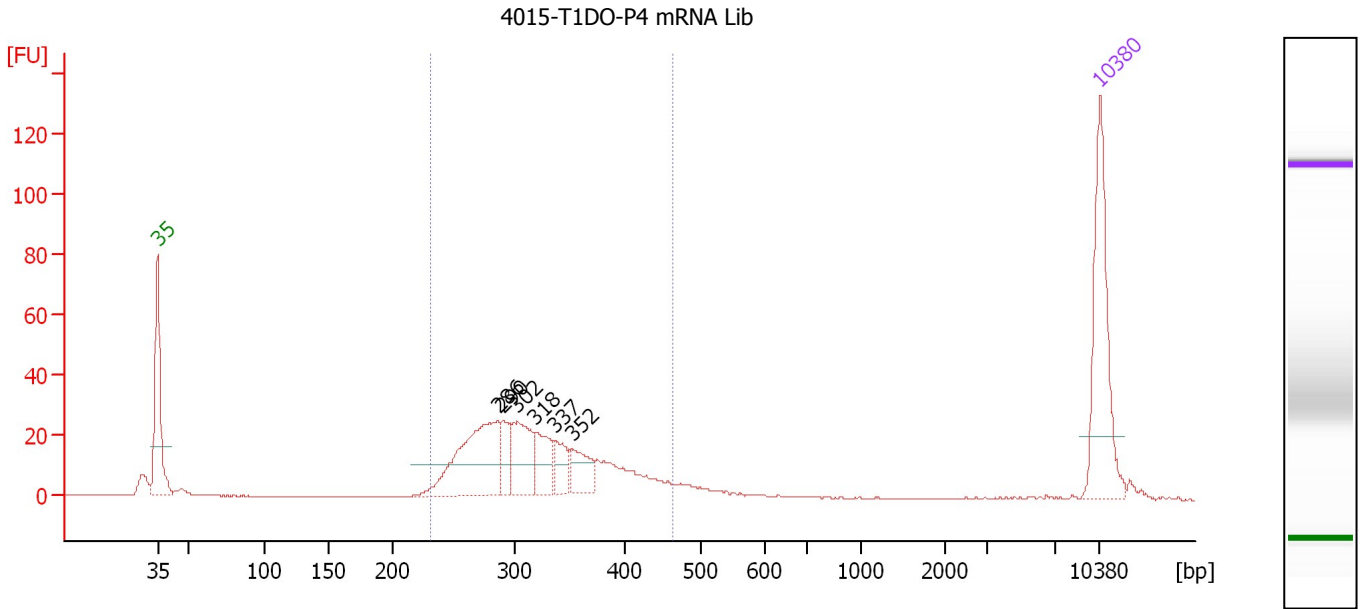
Region table for sample 1 : 4012-T1DO-P4 mRNA Lib

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
235	432	313	1,289.6	259.20	256.1	83	14.5	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-06-19\2013-06-19_002.xad

Created: 6/19/2013 1:56:38 PM
 Modified: 6/19/2013 2:48:59 PM

Electropherogram Summary Continued ...



Setpoint Deviations for sample 2 : 4015-T1DO-P4 mRNA Lib

Height Threshold [FU] : 10

Overall Results for sample 2 : 4015-T1DO-P4 mRNA Lib

Number of peaks found: 6 Corr. Area 1: 399.7
 Noise: 0.1

Peak table for sample 2 : 4015-T1DO-P4 mRNA Lib

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	286	113.35	599.7	
3	290	20.15	105.2	
4	302	53.70	269.6	
5	318	33.94	161.5	
6	337	19.89	89.5	
7	352	27.08	116.5	
8	10,380	75.00	10.9	Upper Marker

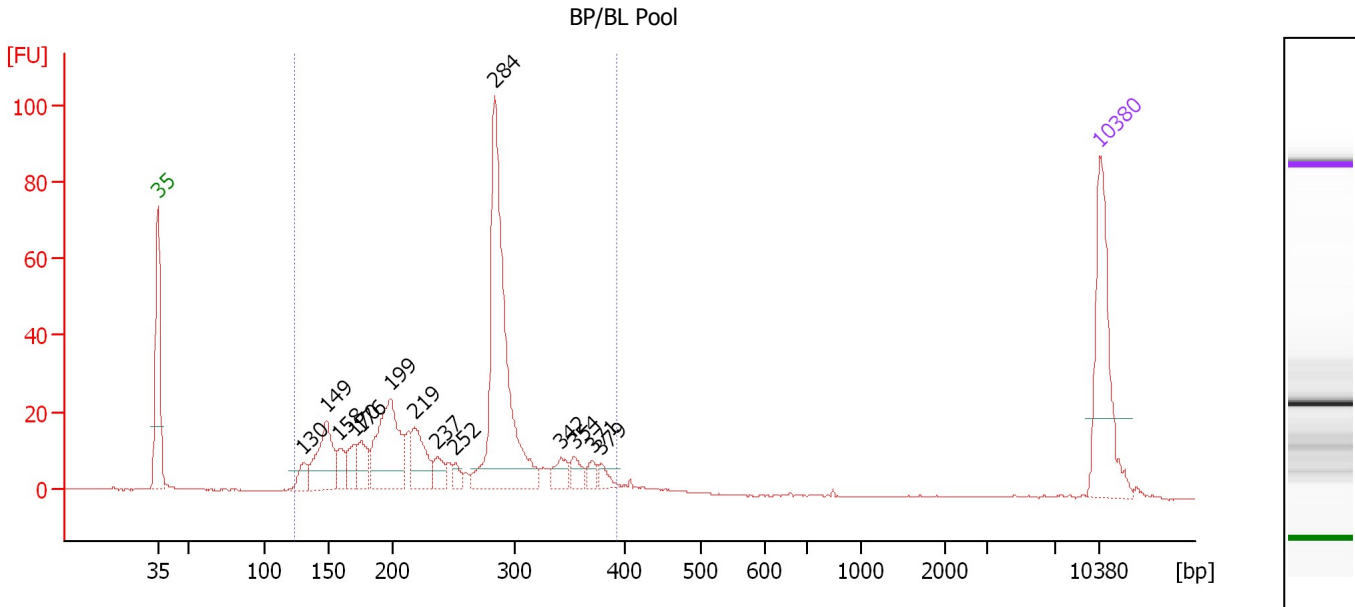
Region table for sample 2 : 4015-T1DO-P4 mRNA Lib

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
231	463	321	1,659.1	340.06	399.7	85	16.3	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-06-19\2013-06-19_002.xad

Created: 6/19/2013 1:56:38 PM
 Modified: 6/19/2013 2:48:59 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : BP/BL Pool

Number of peaks found: 14 Corr. Area 1: 517.1
 Noise: 0.1

Peak table for sample 3 : BP/BL Pool

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	130	16.39	190.7	
3	149	68.53	698.6	
4	158	19.85	189.9	
5	170	22.03	196.2	
6	176	26.60	229.6	
7	199	106.06	807.6	
8	219	44.86	311.0	
9	237	15.20	97.1	
10	252	8.54	51.4	
11	284	252.56	1,349.7	
12	342	15.10	66.8	
13	354	12.82	54.8	
14	371	8.73	35.7	
15	379	8.24	32.9	
16	10,380	75.00	10.9	Upper Marker

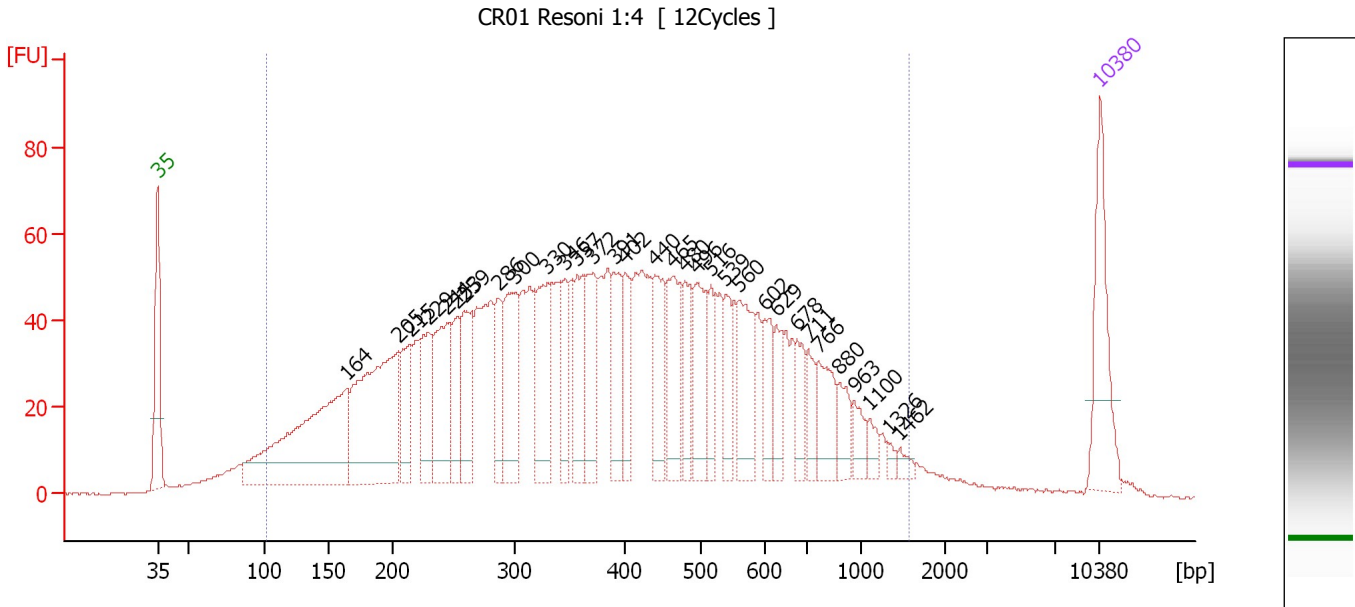
Region table for sample 3 : BP/BL Pool

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
123	394	252	4,682.3	699.74	517.1	96	25.6	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-06-19\2013-06-19_002.xad

Created: 6/19/2013 1:56:38 PM
 Modified: 6/19/2013 2:48:59 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : CR01 Resoni 1:4

Number of peaks found: 32 Corr. Area 1: 2,406.6
 Noise: 0.2

Peak table for sample 4 : CR01 Resoni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	164	314.96	2,905.3	
3	205	258.70	1,909.0	
4	215	68.49	483.6	
5	229	79.84	527.2	
6	244	112.52	697.7	
7	253	53.96	323.1	
8	259	76.56	448.4	
9	286	55.42	293.1	
10	300	102.04	514.7	
11	330	111.39	511.4	
12	346	61.22	268.3	
13	357	68.57	290.8	
14	372	82.97	338.1	
15	391	60.82	235.7	
16	402	47.89	180.4	
17	440	67.15	231.1	
18	465	75.68	246.6	
19	480	46.52	146.9	
20	496	67.89	207.6	
21	516	40.08	117.8	
22	539	42.73	120.0	
23	560	68.44	185.0	
24	602	40.82	102.7	
25	629	32.37	77.9	
26	678	31.31	70.0	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-06-19\2013-06-19_002.xad

Created: 6/19/2013 1:56:38 PM
 Modified: 6/19/2013 2:48:59 PM

Electropherogram Summary Continued ...

... Peak table for sample 4 : CR01 Resoni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	711	28.46	60.7	
28	766	48.90	96.7	
29	880	28.13	48.4	
30	963	18.96	29.8	
31	1,100	12.69	17.5	
32	1,326	4.85	5.5	
33	1,462	7.62	7.9	
34	▶ 10,380	75.00	10.9	Upper Marker

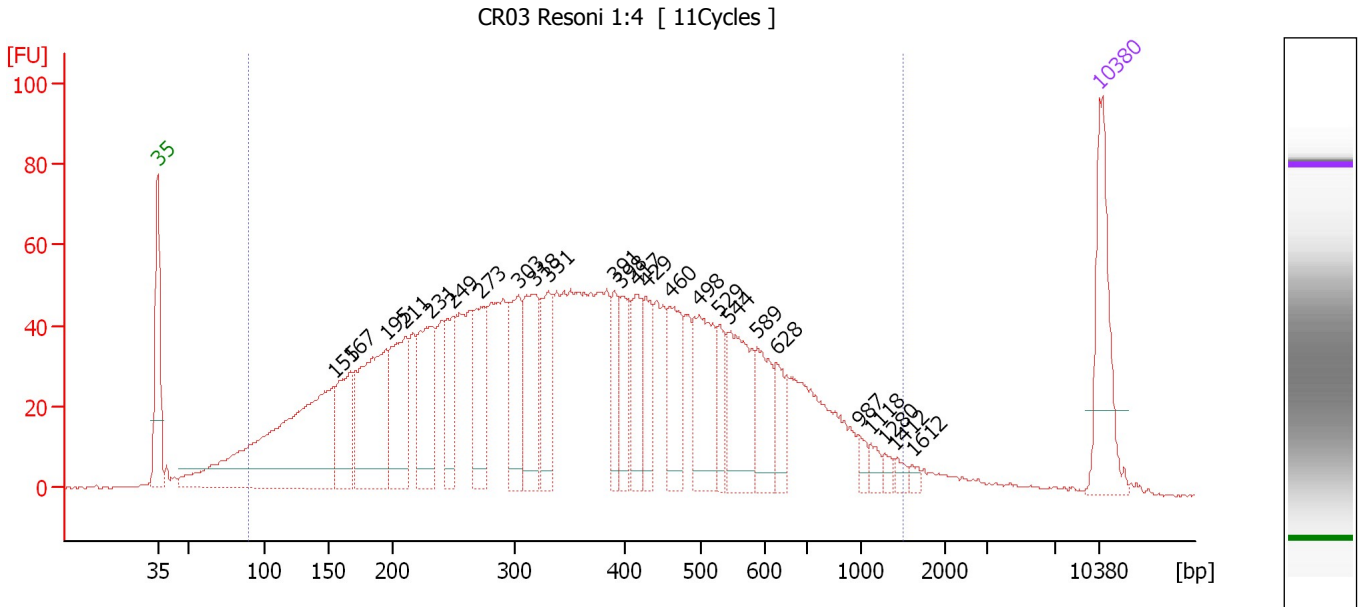
Region table for sample 4 : CR01 Resoni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
102	1,566	425	17,322.6	3,302.38	2,406.6	95	53.8	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-06-19\2013-06-19_002.xad

Created: 6/19/2013 1:56:38 PM
 Modified: 6/19/2013 2:48:59 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : CR03 Resoni 1:4

Number of peaks found: 25 Corr. Area 1: 2,379.7
 Noise: 0.3

Peak table for sample 5 : CR03 Resoni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	155	370.33	3,627.5	
3	167	88.08	797.1	
4	195	172.90	1,340.4	
5	211	116.53	836.6	
6	231	109.09	714.0	
7	249	59.86	363.8	
8	273	79.76	442.8	
9	303	85.59	428.6	
10	318	95.67	455.8	
11	331	70.97	324.8	
12	391	42.50	164.7	
13	398	50.83	193.7	
14	417	49.96	181.6	
15	429	48.69	172.1	
16	460	67.98	224.0	
17	498	95.80	291.6	
18	529	30.87	88.4	
19	544	89.79	250.0	
20	589	52.02	133.8	
21	628	32.24	77.7	
22	987	9.50	14.6	
23	1,118	9.64	13.1	
24	1,280	6.66	7.9	
25	1,412	7.00	7.5	
26	1,612	4.75	4.5	


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-06-19\2013-06-19_002.xad

Created: 6/19/2013 1:56:38 PM
Modified: 6/19/2013 2:48:59 PM

Electropherogram Summary Continued ...**... Peak table for sample 5 : CR03 Resoni 1:4**

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

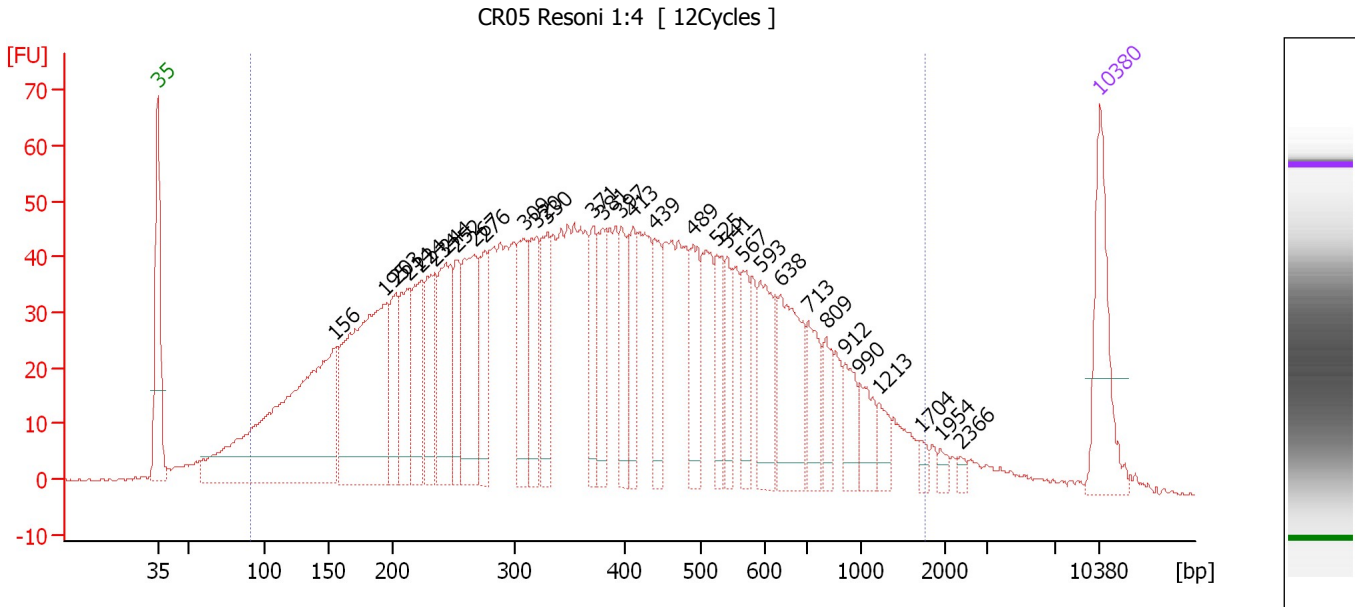
Region table for sample 5 : CR03 Resoni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ μ l]	Corr. Area	% of Total	Size distribution in CV [%]	Color
89	1,503	394	16,126.8	2,801.40	2,379.7	94	53.9	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-06-19\2013-06-19_002.xad

Created: 6/19/2013 1:56:38 PM
 Modified: 6/19/2013 2:48:59 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : CR05 Resoni 1:4

Number of peaks found: 32 Corr. Area 1: 2,293.5
 Noise: 0.4

Peak table for sample 6 : CR05 Resoni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	156	462.62	4,501.6	
3	195	331.76	2,579.5	
4	203	74.23	553.5	
5	214	89.28	632.7	
6	224	90.38	611.6	
7	234	91.41	590.7	
8	244	113.94	707.5	
9	252	67.28	404.6	
10	267	143.07	812.4	
11	276	66.28	364.0	
12	309	84.59	415.2	
13	320	82.99	392.8	
14	330	72.43	332.9	
15	371	58.47	238.7	
16	381	57.31	228.1	
17	397	59.12	225.7	
18	413	54.13	198.8	
19	439	51.13	176.4	
20	489	69.54	215.3	
21	525	47.66	137.5	
22	541	42.23	118.3	
23	567	44.64	119.4	
24	593	69.36	177.1	
25	638	104.46	247.9	
26	713	48.01	102.1	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-06-19\2013-06-19_002.xad

Created: 6/19/2013 1:56:38 PM
 Modified: 6/19/2013 2:48:59 PM

Electropherogram Summary Continued ...

... Peak table for sample 6 : CR05 Resoni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	809	30.83	57.8	
28	912	30.75	51.1	
29	990	30.99	47.4	
30	1,213	19.10	23.9	
31	1,704	6.68	5.9	
32	1,954	6.56	5.1	
33	2,366	4.37	2.8	
34	▶ 10,380	75.00	10.9	Upper Marker

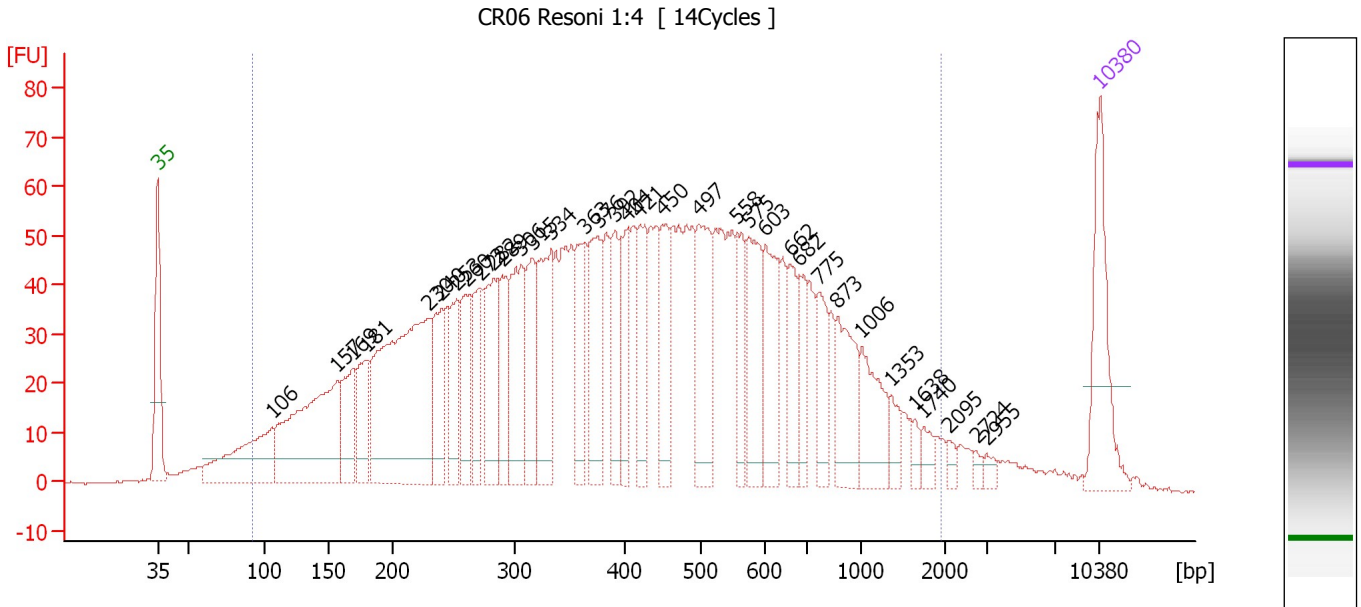
Region table for sample 6 : CR05 Resoni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
90	1,760	425	20,444.5	3,667.53	2,293.5	95	60.6	■

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-06-19\2013-06-19_002.xad

Created: 6/19/2013 1:56:38 PM
 Modified: 6/19/2013 2:48:59 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : CR06 Resoni 1:4

Number of peaks found: 35 Corr. Area 1: 2,494.5
 Noise: 0.3

Peak table for sample 7 : CR06 Resoni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	106	135.15	1,927.5	
3	157	242.13	2,337.3	
4	169	71.39	638.2	
5	181	69.23	579.7	
6	230	342.38	2,252.1	
7	240	74.96	473.2	
8	253	64.18	384.5	
9	260	69.73	405.7	
10	272	61.00	340.2	
11	282	92.88	498.3	
12	289	66.99	350.7	
13	306	106.57	528.3	
14	315	76.62	368.1	
15	334	110.21	500.6	
16	363	69.84	291.2	
17	376	91.04	366.7	
18	392	59.64	230.5	
19	404	59.17	221.8	
20	421	68.09	245.3	
21	450	66.87	225.2	
22	497	100.21	305.2	
23	558	46.28	125.6	
24	575	81.32	214.2	
25	603	74.77	187.7	
26	662	46.79	107.1	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-06-19\2013-06-19_002.xad

Created: 6/19/2013 1:56:38 PM
 Modified: 6/19/2013 2:48:59 PM

Electropherogram Summary Continued ...

... Peak table for sample 7 : CR06 Resoni 1:4

Peak	Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
27	682	36.84	81.8	
28	775	46.00	89.9	
29	873	66.10	114.8	
30	1,006	55.65	83.8	
31	1,353	17.09	19.1	
32	1,638	8.46	7.8	
33	1,740	11.78	10.3	
34	2,095	6.01	4.3	
35	2,724	4.24	2.4	
36	2,955	6.68	3.4	
37	10,380	75.00	10.9	Upper Marker

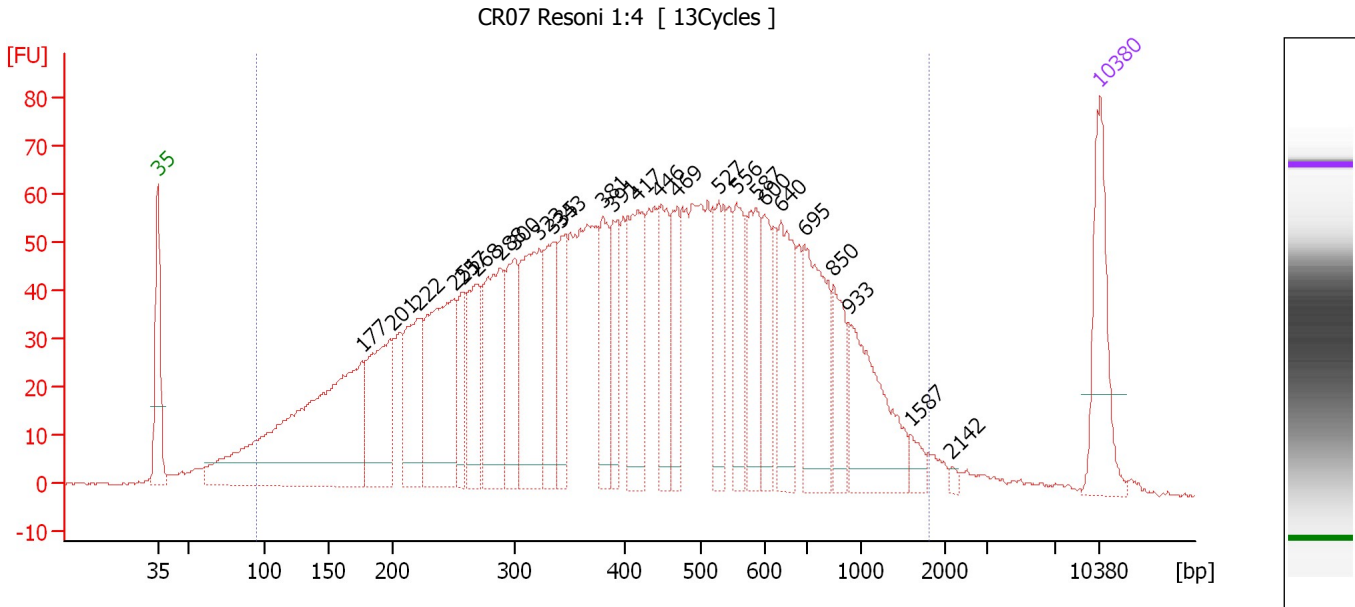
Region table for sample 7 : CR06 Resoni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/µl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
92	1,952	475	17,712.8	3,468.05	2,494.5	95	63.0	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-06-19\2013-06-19_002.xad

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 Modified: 6/19/2013 2:48:59 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : CR07 Resoni 1:4

Number of peaks found: 26 Corr. Area 1: 2,675.8
 Noise: 0.3

Peak table for sample 8 : CR07 Resoni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	177	447.57	3,840.4	
3	201	149.31	1,126.6	
4	222	115.93	789.6	
5	251	200.06	1,209.5	
6	257	56.16	331.0	
7	268	91.60	516.9	
8	288	150.13	789.8	
9	300	95.15	480.7	
10	323	160.94	756.0	
11	335	95.26	431.1	
12	343	68.82	304.2	
13	381	75.85	301.8	
14	391	57.01	221.1	
15	417	109.09	396.2	
16	446	78.26	265.9	
17	469	67.90	219.6	
18	527	77.02	221.3	
19	556	73.17	199.5	
20	587	76.32	196.9	
21	600	55.69	140.7	
22	640	89.51	212.0	
23	695	125.13	272.6	
24	850	51.88	92.5	
25	933	114.60	186.0	
26	1,587	12.52	12.0	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-06-19\2013-06-19_002.xad

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Modified: 6/19/2013 2:48:59 PM

Electropherogram Summary Continued ...**... Peak table for sample 8 : CR07 Resoni 1:4**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	2,142	3.09	2.2	
28	▶ 10,380	75.00	10.9	Upper Marker

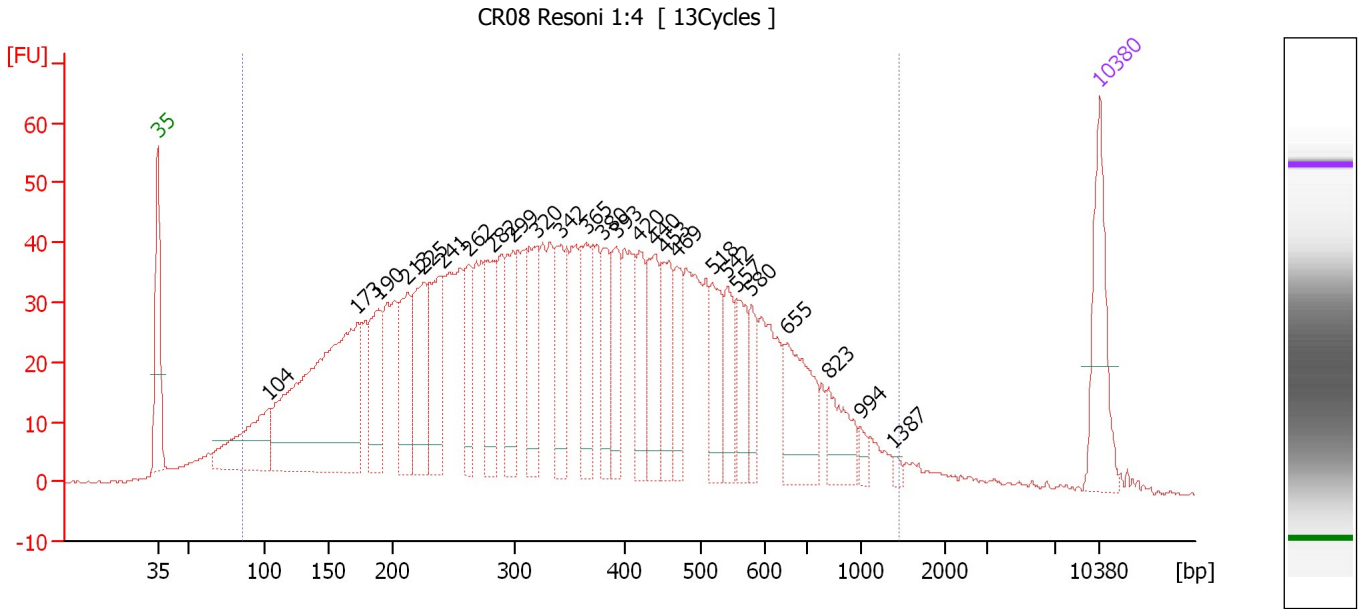
Region table for sample 8 : CR07 Resoni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
94	1,819	466	17,506.2	3,476.79	2,675.8	96	57.3	■

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-06-19\2013-06-19_002.xad

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 Modified: 6/19/2013 2:48:59 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : CR08 Resoni 1:4

Number of peaks found: 26 Corr. Area 1: 1,959.2
 Noise: 0.3

Peak table for sample 9 : CR08 Resoni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	104	128.46	1,877.6	
3	173	447.83	3,923.8	
4	190	90.42	721.7	
5	213	98.63	701.9	
6	225	116.04	780.1	
7	241	110.95	697.1	
8	262	66.66	385.8	
9	282	80.42	432.2	
10	299	95.14	482.5	
11	320	92.95	440.8	
12	342	84.13	373.1	
13	365	85.25	353.8	
14	380	55.50	221.1	
15	393	66.17	255.3	
16	420	62.86	226.6	
17	440	80.18	275.9	
18	453	70.40	235.7	
19	469	53.65	173.2	
20	518	65.18	190.8	
21	542	49.75	139.1	
22	557	51.31	139.6	
23	580	32.60	85.2	
24	655	94.42	218.6	
25	823	46.96	86.5	
26	994	9.19	14.0	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-06-19\2013-06-19_002.xad

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Electropherogram Summary Continued ...

... Peak table for sample 9 : CR08 Resoni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	1,387	4.61	5.0	
28	10,380	75.00	10.9	Upper Marker

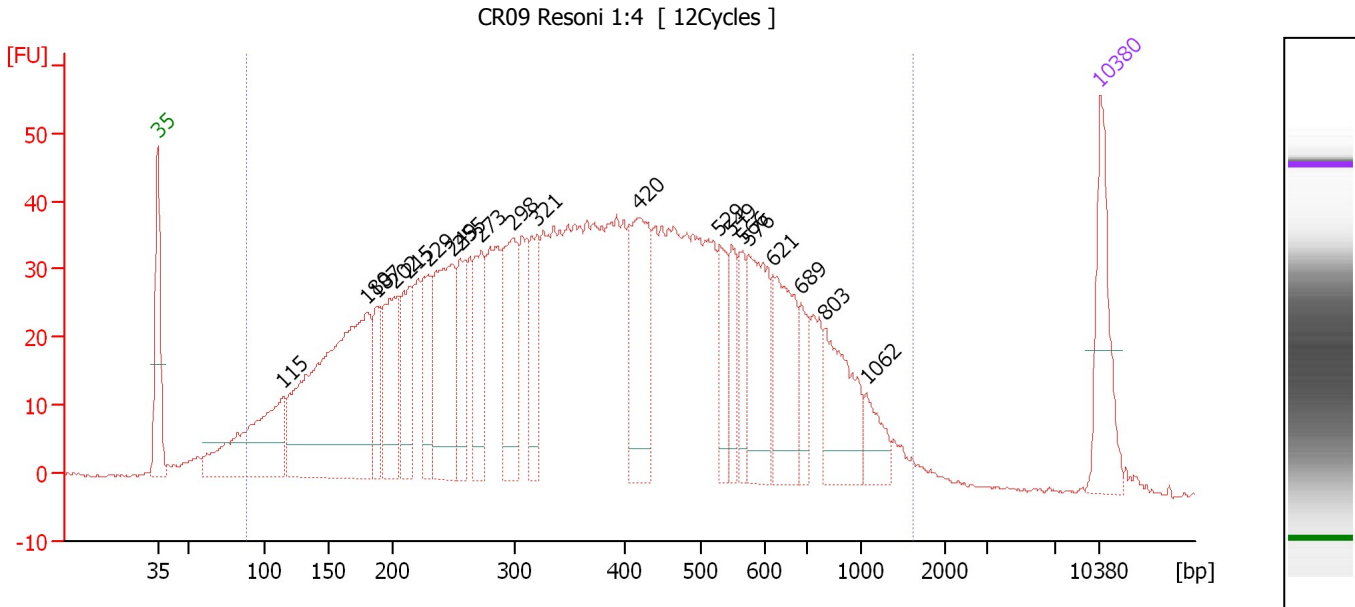
Region table for sample 9 : CR08 Resoni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
86	1,459	383	21,771.1	3,668.47	1,959.2	95	52.9	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-06-19\2013-06-19_002.xad

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Electropherogram Summary Continued ...



Overall Results for sample 10 : CR09 Resoni 1:4

Number of peaks found: 20 Corr. Area 1: 1,836.8
 Noise: 0.3

Peak table for sample 10 : CR09 Resoni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	115	206.17	2,724.7	
3	180	473.26	3,972.7	
4	187	64.20	519.0	
5	202	119.10	891.3	
6	215	96.60	682.3	
7	229	79.10	522.5	
8	249	177.04	1,076.7	
9	255	74.42	441.9	
10	273	94.49	524.9	
11	298	125.34	637.2	
12	321	70.95	335.1	
13	420	151.40	546.3	
14	529	54.16	155.0	
15	549	48.82	134.9	
16	566	43.62	116.8	
17	576	113.96	299.6	
18	621	106.66	260.4	
19	689	36.69	80.7	
20	803	96.83	182.7	
21	1,062	33.16	47.3	
22	10,380	75.00	10.9	Upper Marker

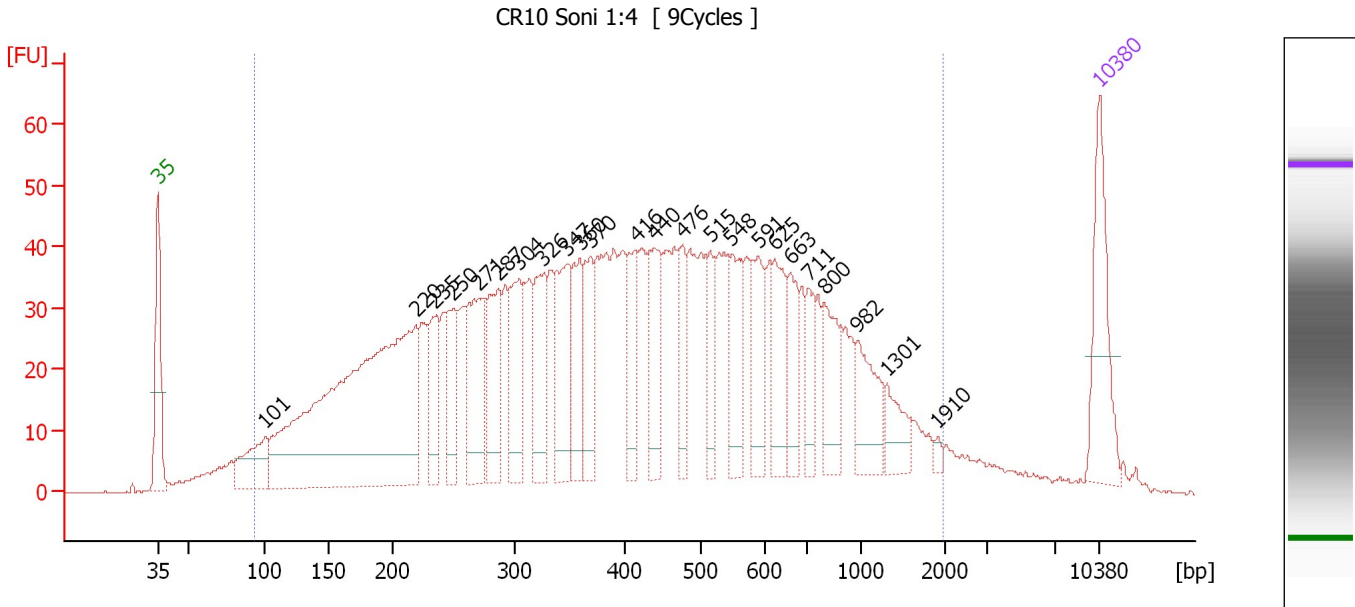
Region table for sample 10 : CR09 Resoni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
88	1,623	415	20,836.0	3,749.34	1,836.8	97	55.0	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-06-19\2013-06-19_002.xad

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Electropherogram Summary Continued ...



Overall Results for sample 11 : CR10 Soni 1:4

Number of peaks found: 24 Corr. Area 1: 1,923.5
 Noise: 0.2

Peak table for sample 11 : CR10 Soni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	101	76.51	1,150.9	
3	220	608.95	4,197.0	
4	235	71.36	459.5	
5	250	67.76	410.4	
6	271	122.77	686.1	
7	287	92.85	490.9	
8	304	89.85	448.5	
9	326	79.43	369.1	
10	347	95.12	415.8	
11	360	73.58	309.9	
12	370	64.80	265.5	
13	416	50.22	183.1	
14	440	76.46	263.6	
15	476	48.57	154.6	
16	515	48.68	143.2	
17	548	61.89	171.1	
18	591	57.22	146.7	
19	625	63.61	154.1	
20	663	46.27	105.8	
21	711	33.04	70.4	
22	800	58.78	111.3	
23	982	53.64	82.8	
24	1,301	30.83	35.9	
25	1,910	4.06	3.2	
26	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-06-19\2013-06-19_002.xad

Created: 6/19/2013 1:56:38 PM
Modified: 6/19/2013 2:48:59 PM

Electropherogram Summary Continued ...

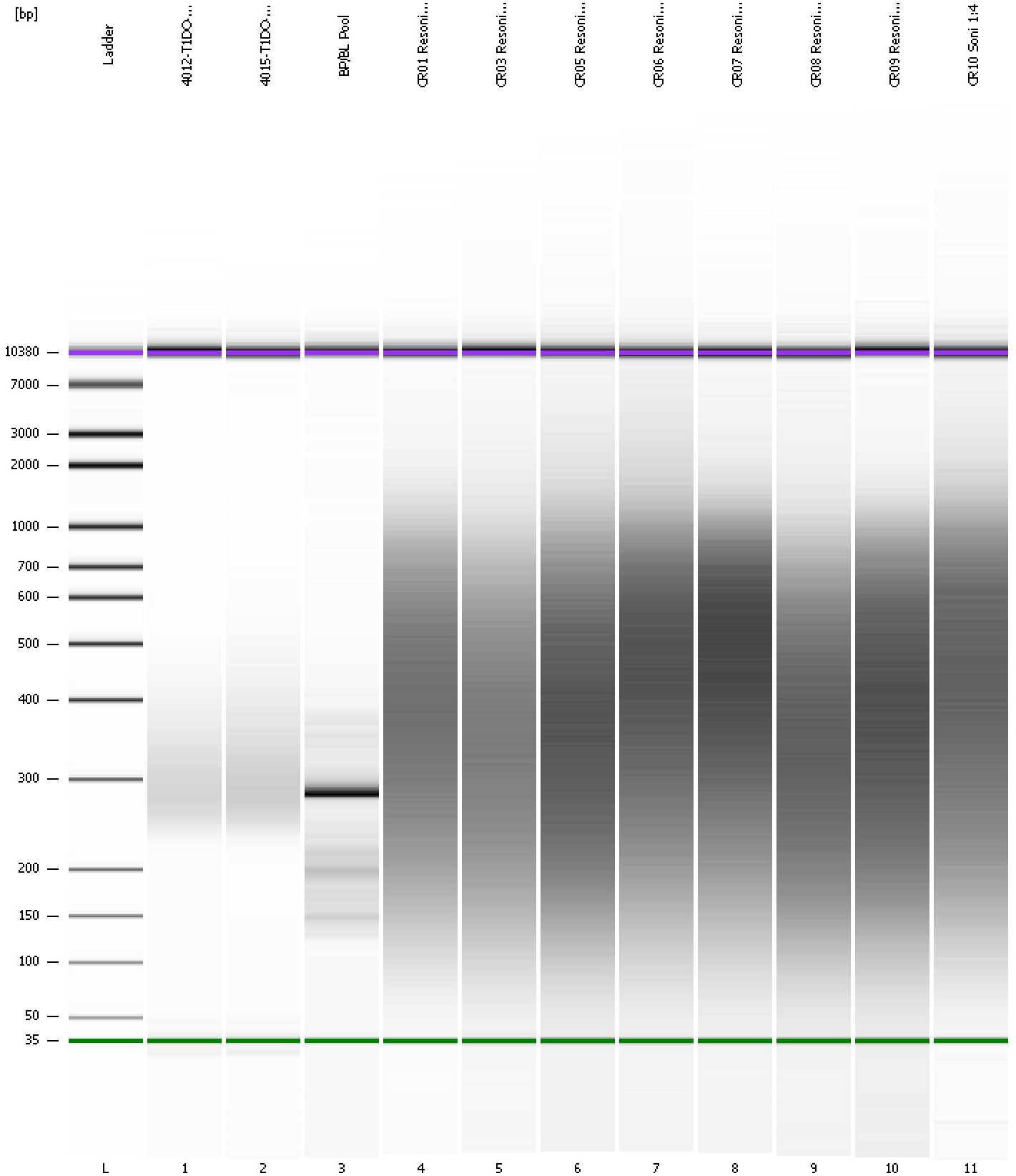
... Region table for sample 11 : **CR10 Soni 1:4**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
93	1,989	479	17,558.1	3,402.08	1,923.5	95	65.1	■

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-06-19\2013-06-19_002.xad

Created: 6/19/2013 1:56:38 PM
Modified: 6/19/2013 2:48:59 PM

Gel Image



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-06-19\2013-06-19_002.xad

Created: 6/19/2013 1:56:38 PM
 Modified: 6/19/2013 2:48:59 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		6/19/2013 2:37:58 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Documents and Settings\Bioanalyzer\2013-06-19\2013-06-19_002.xad)		Instrument	Run		6/19/2013 1:56:44 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938B		Instrument	Run		6/19/2013 1:56:44 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		6/19/2013 1:56:44 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		6/19/2013 1:56:44 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE13701086		Instrument	Run		6/19/2013 1:56:44 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		6/19/2013 1:56:44 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		6/19/2013 1:56:44 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1