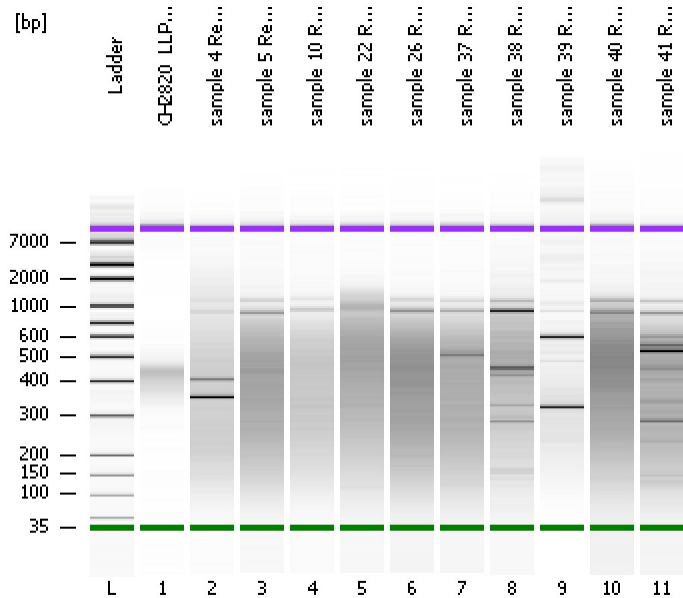


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-10\2013-04-10_003.xad

Created: 4/10/2013 2:23:31 PM
Modified: 4/10/2013 3:11:22 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

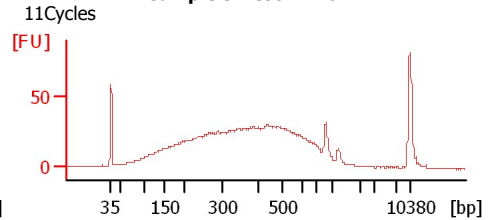
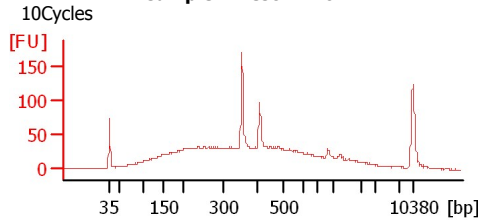
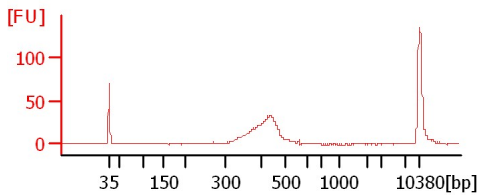
Chip Information:

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

CH2820_LLP_II_D4 G6 H5

sample 4 Resoni 1:6

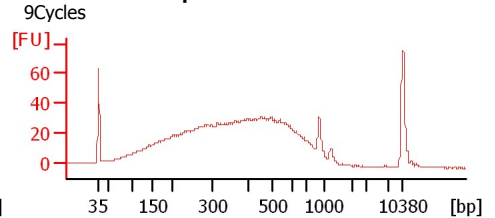
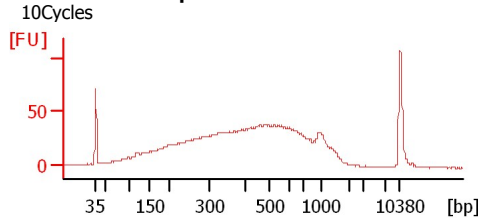
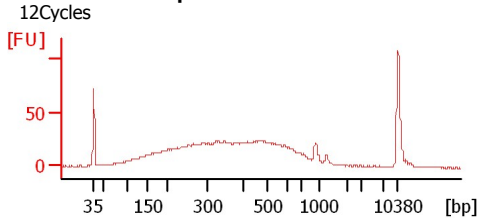
sample 5 Resoni 1:6



sample 10 Resoni 1:6

sample 22 Resoni 1:6

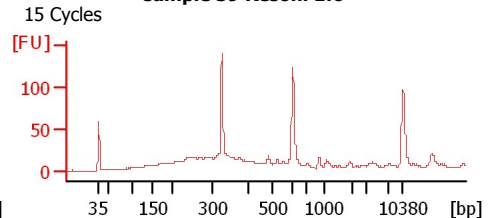
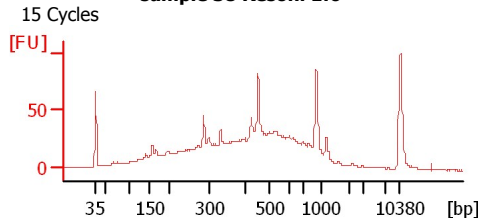
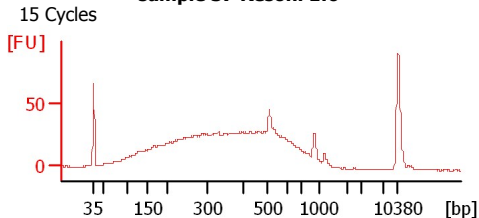
sample 26 Resoni 1:6



sample 37 Resoni 1:6

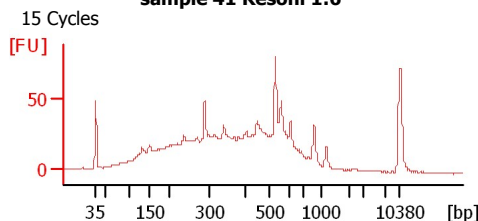
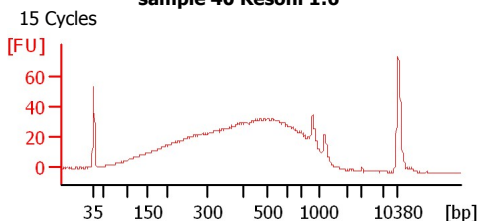
sample 38 Resoni 1:6

sample 39 Resoni 1:6



sample 40 Resoni 1:6

sample 41 Resoni 1:6



Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-10\2013-04-10_003.xad

Created: 4/10/2013 2:23:31 PM
Modified: 4/10/2013 3:11:22 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
CH2820_LLP_II_D4 G6 H5		<input type="checkbox"/>	✓			
sample 4 Resoni 1:6	10Cycles	<input type="checkbox"/>	✓			
sample 5 Resoni 1:6	11Cycles	<input type="checkbox"/>	✓			
sample 10 Resoni 1:6	12Cycles	<input type="checkbox"/>	✓			
sample 22 Resoni 1:6	10Cycles	<input type="checkbox"/>	✓			
sample 26 Resoni 1:6	9Cycles	<input type="checkbox"/>	✓			
sample 37 Resoni 1:6	15 Cycles	<input type="checkbox"/>	✓			
sample 38 Resoni 1:6	15 Cycles	<input type="checkbox"/>	✓			
sample 39 Resoni 1:6	15 Cycles	<input type="checkbox"/>	✓			
sample 40 Resoni 1:6	15 Cycles	<input type="checkbox"/>	✓			
sample 41 Resoni 1:6	15 Cycles	<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\2013-04-10\2013-04-10_003.xad

Created: 4/10/2013 2:23:31 PM
 Modified: 4/10/2013 3:11:22 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

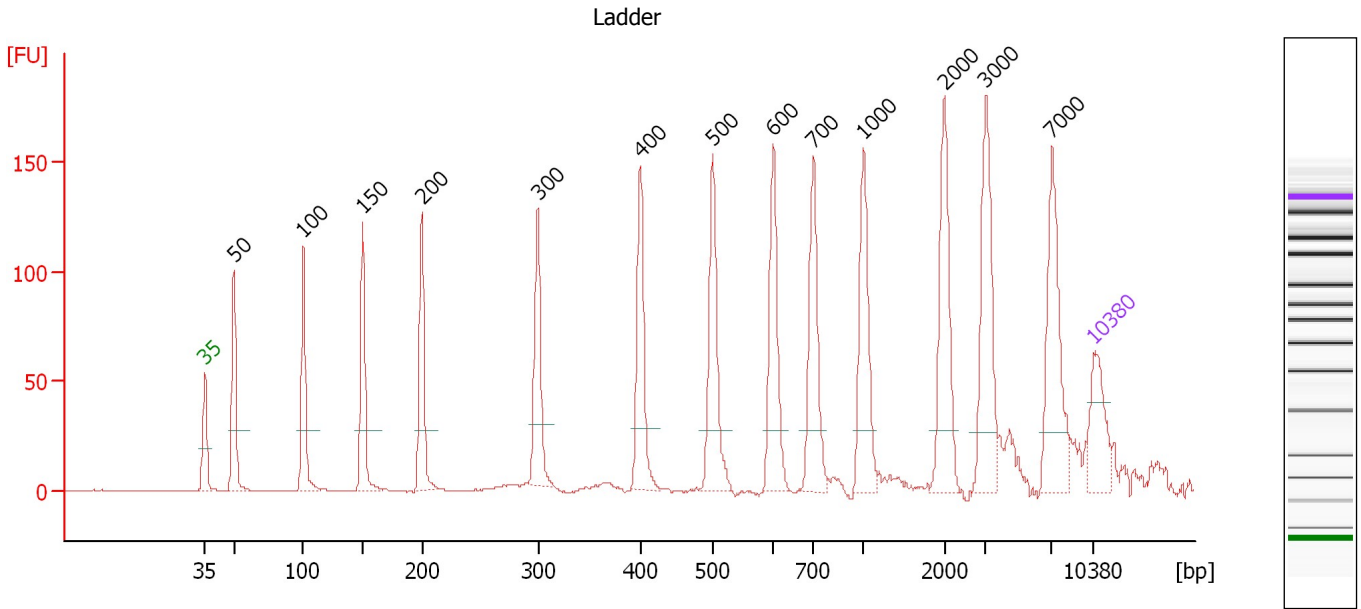
Ladder

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\2013-04-10\2013-04-10_003.xad

Created: 4/10/2013 2:23:31 PM
 Modified: 4/10/2013 3:11:22 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.2

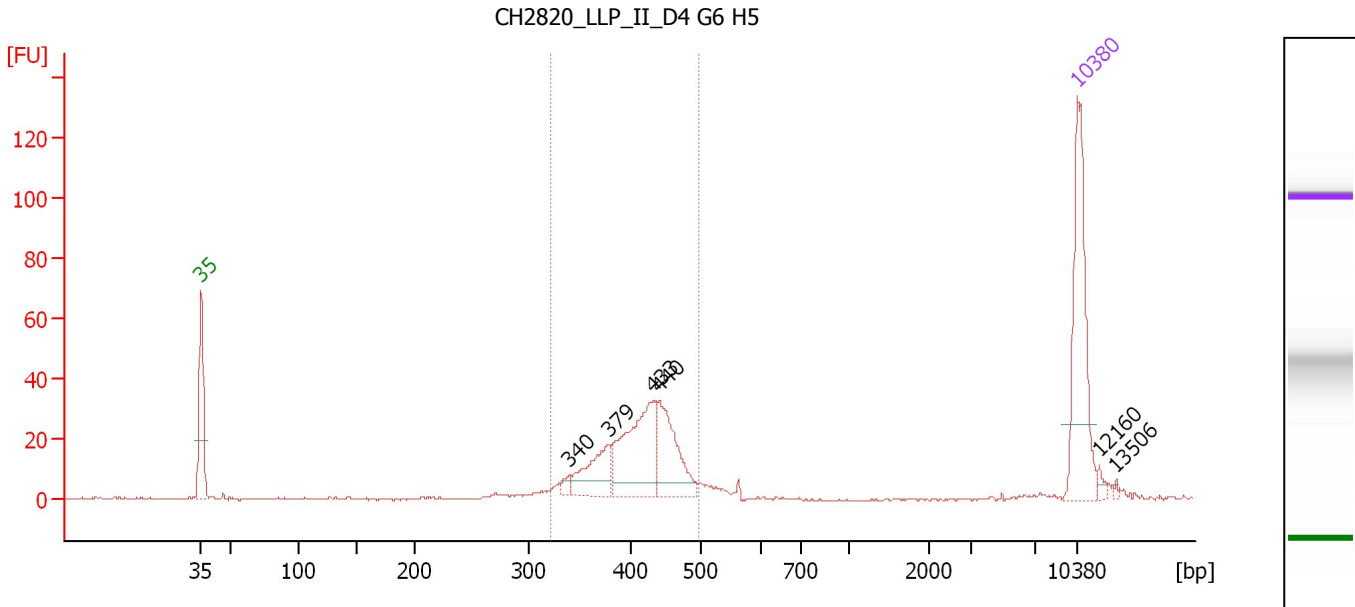
Peak table for Ladder

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:\...ents and Settings\Bioanalyzer\2013-04-10\2013-04-10_003.xad

Created: 4/10/2013 2:23:31 PM
 Modified: 4/10/2013 3:11:22 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : CH2820 LLP II D4 G6 H5

Number of peaks found: 6 Corr. Area 1: 274.5
 Noise: 0.3

Peak table for sample 1 : CH2820 LLP II D4 G6 H5

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	340	5.89	26.3	
3	379	40.69	162.8	
4	433	90.30	316.3	
5	440	60.55	208.5	
6	10,380	75.00	10.9	Upper Marker
7	12,160	0.00	0.0	
8	13,506	0.00	0.0	

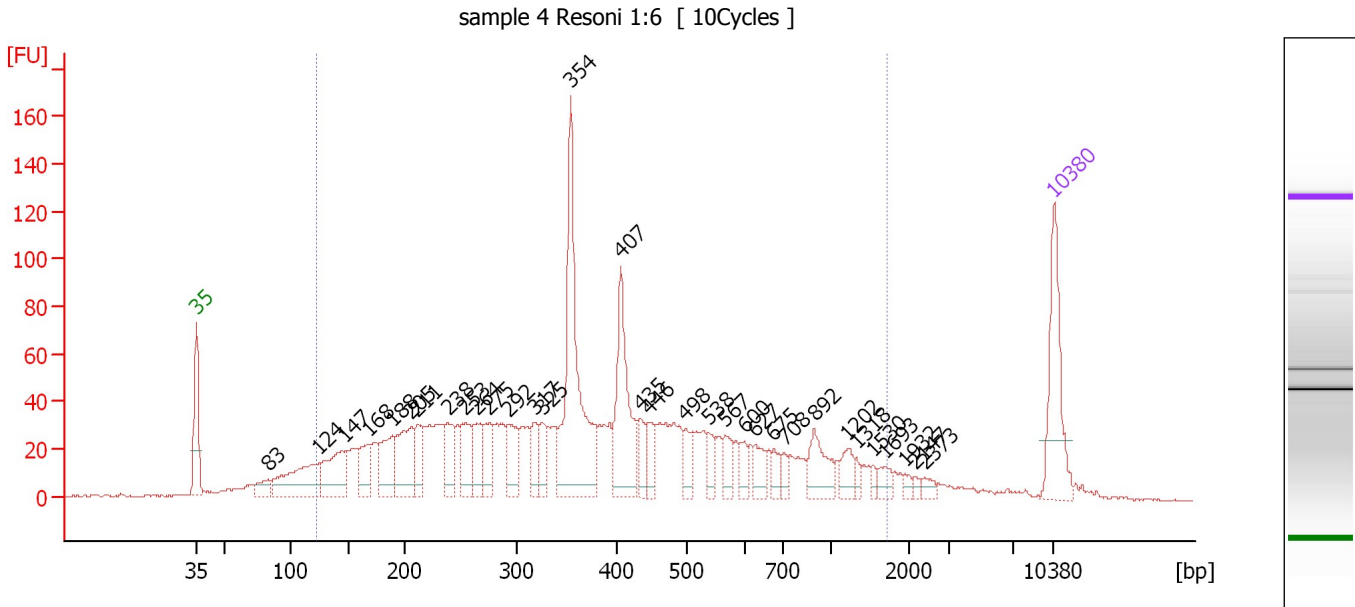
Region table for sample 1 : CH2820 LLP II D4 G6 H5

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
321	496	412	801.6	215.50	274.5	84	9.7	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-10\2013-04-10_003.xad

Created: 4/10/2013 2:23:31 PM
 Modified: 4/10/2013 3:11:22 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : sample 4 Resoni 1:6

Number of peaks found: 33 Corr. Area 1: 1,912.3
 Noise: 0.5

Peak table for sample 2 : sample 4 Resoni 1:6

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	83	23.61	432.7	
3	124	110.22	1,348.5	
4	147	93.88	970.9	
5	168	49.02	443.0	
6	188	66.63	535.9	
7	205	86.67	639.3	
8	211	38.62	277.8	
9	238	46.55	296.7	
10	253	54.49	326.4	
11	264	41.35	237.4	
12	275	40.40	222.7	
13	292	45.97	238.5	
14	317	30.41	145.4	
15	325	27.67	128.8	
16	354	250.85	1,075.2	
17	407	131.28	489.0	
18	435	26.93	93.8	
19	446	24.52	83.4	
20	498	26.80	81.5	
21	538	20.05	56.4	
22	567	22.84	61.1	
23	600	16.94	42.8	
24	627	22.85	55.2	
25	675	14.28	32.1	
26	708	10.44	22.3	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-10\2013-04-10_003.xad

Created: 4/10/2013 2:23:31 PM
 Modified: 4/10/2013 3:11:22 PM

Electropherogram Summary Continued ...

... Peak table for sample 2 : sample 4 Resoni 1:6

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	892	41.75	70.9	
28	1,202	17.98	22.7	
29	1,318	7.08	8.1	
30	1,530	5.82	5.8	
31	1,693	11.90	10.6	
32	1,932	4.82	3.8	
33	2,147	3.79	2.7	
34	2,373	7.51	4.8	
35	10,380	75.00	10.9	Upper Marker

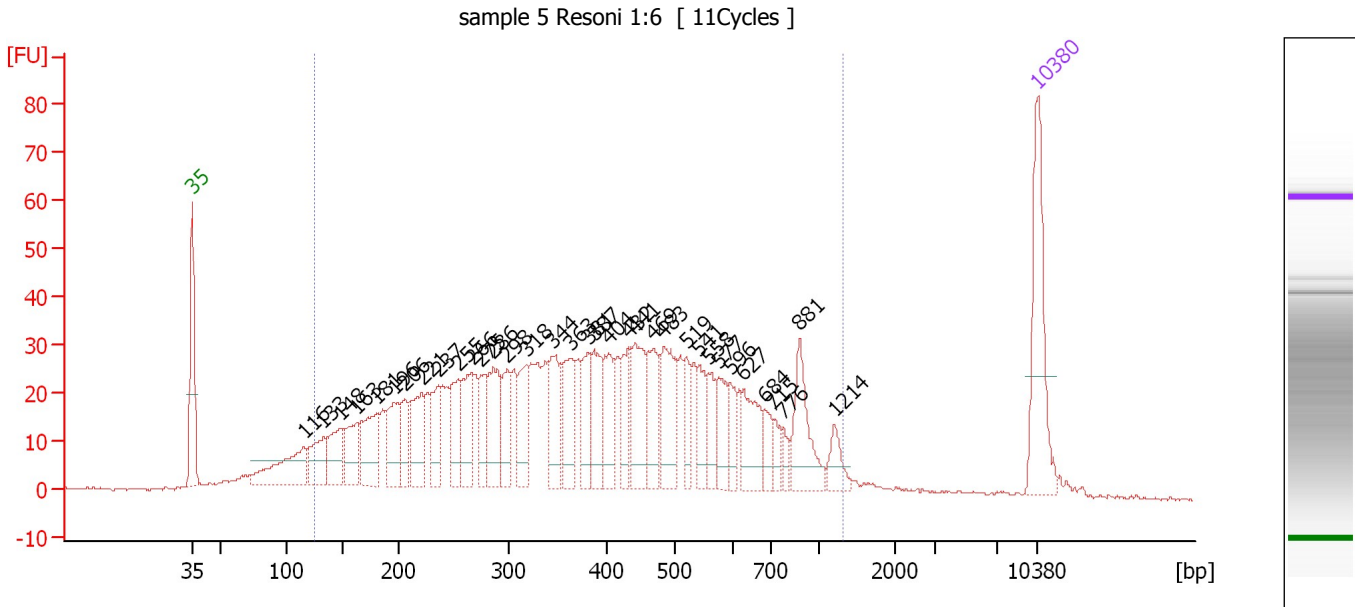
Region table for sample 2 : sample 4 Resoni 1:6

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
122	1,721	441	9,872.8	1,891.51	1,912.3	90	63.8	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-10\2013-04-10_003.xad

Created: 4/10/2013 2:23:31 PM
 Modified: 4/10/2013 3:11:22 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : sample 5 Resoni 1:6

Number of peaks found: 35 Corr. Area 1: 1,382.9
 Noise: 0.3

Peak table for sample 3 : sample 5 Resoni 1:6

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	116	81.71	1,067.9	
3	133	48.29	548.9	
4	148	50.76	520.3	
5	163	49.20	457.1	
6	181	65.77	551.3	
7	196	59.05	456.4	
8	206	29.00	213.2	
9	221	60.34	413.5	
10	237	42.22	270.5	
11	255	50.57	300.7	
12	266	54.37	309.2	
13	275	36.85	203.3	
14	286	63.63	336.9	
15	298	42.50	215.9	
16	318	44.48	212.1	
17	344	52.39	230.8	
18	363	49.70	207.4	
19	381	38.22	151.9	
20	387	46.94	183.7	
21	404	46.88	176.0	
22	432	36.38	127.5	
23	441	61.89	212.4	
24	469	46.34	149.9	
25	483	65.87	206.6	
26	519	24.37	71.2	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-10\2013-04-10_003.xad


Created: 4/10/2013 2:23:31 PM
 Modified: 4/10/2013 3:11:22 PM

Electropherogram Summary Continued ...

... Peak table for sample 3 : sample 5 Resoni 1:6

Peak	Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
27	541	30.26	84.7	
28	558	25.06	68.1	
29	577	33.40	87.8	
30	596	22.62	57.5	
31	627	45.88	110.8	
32	684	18.89	41.9	
33	715	11.33	24.0	
34	776	9.14	17.8	
35	881	53.67	92.3	
36	1,214	17.50	21.8	
37	▶ 10,380	75.00	10.9	Upper Marker

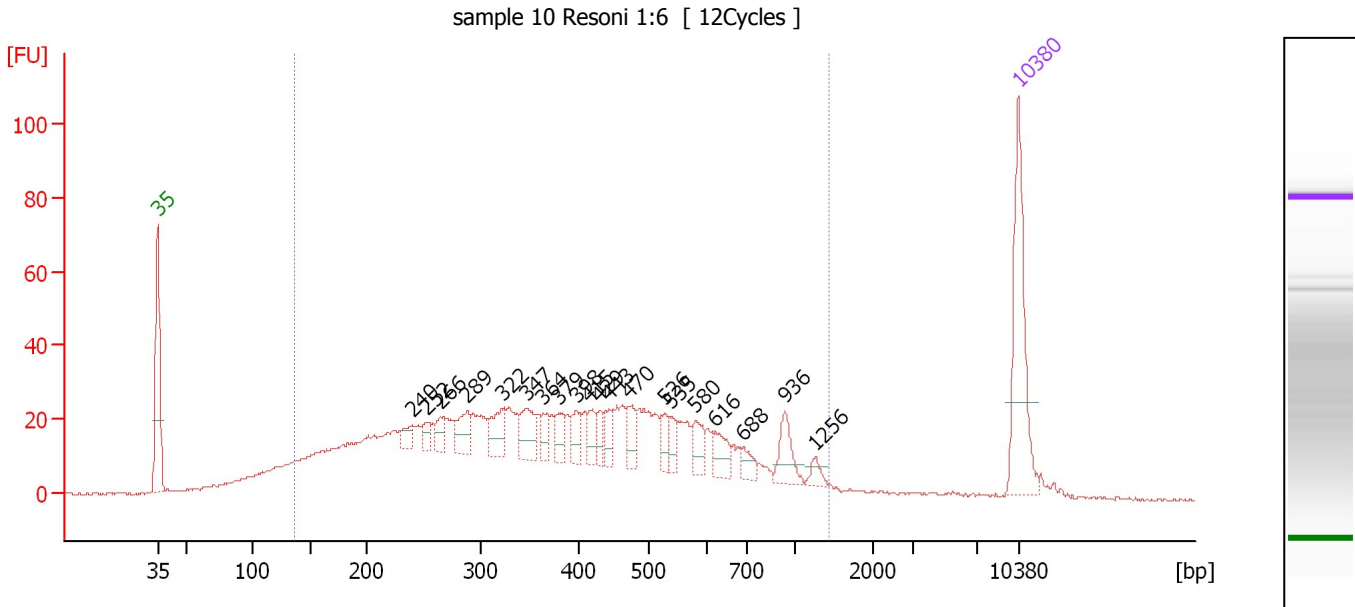
Region table for sample 3 : sample 5 Resoni 1:6

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/µl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
126	1,331	422	9,815.2	1,938.08	1,382.9	92	49.8	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-10\2013-04-10_003.xad

Created: 4/10/2013 2:23:31 PM
 Modified: 4/10/2013 3:11:22 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : sample 10 Resoni 1:6

Number of peaks found: 20 Corr. Area 1: 1,096.3
 Noise: 0.3

Peak table for sample 4 : sample 10 Resoni 1:6

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	240	12.49	79.0	
3	252	10.27	61.7	
4	266	12.18	69.5	
5	289	26.50	138.9	
6	322	26.80	126.1	
7	347	31.32	136.7	
8	364	11.92	49.6	
9	379	15.60	62.3	
10	398	15.51	59.1	
11	415	15.45	56.4	
12	429	12.45	44.0	
13	443	16.83	57.6	
14	470	17.88	57.7	
15	526	12.76	36.8	
16	535	11.94	33.8	
17	580	18.39	48.0	
18	616	17.64	43.4	
19	688	10.68	23.5	
20	936	22.48	36.4	
21	1,256	7.21	8.7	
22	10,380	75.00	10.9	Upper Marker

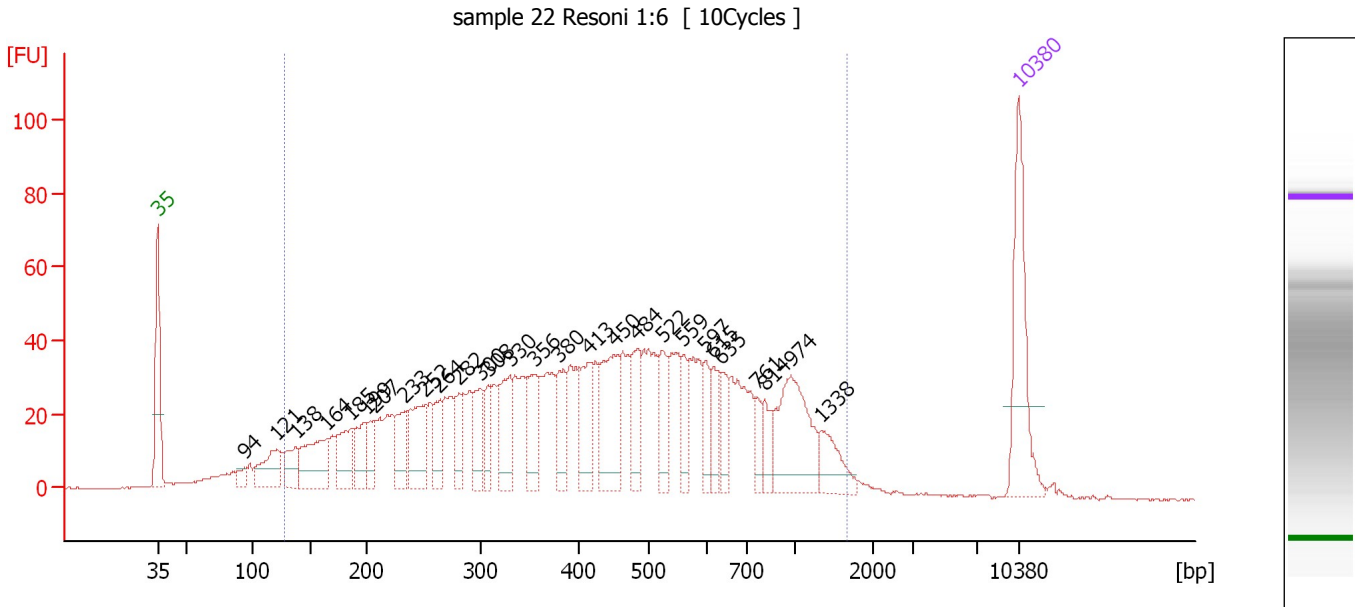
Region table for sample 4 : sample 10 Resoni 1:6

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
136	1,423	424	6,481.5	1,303.02	1,096.3	91	51.2	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-10\2013-04-10_003.xad

Created: 4/10/2013 2:23:31 PM
 Modified: 4/10/2013 3:11:22 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : sample 22 Resoni 1:6

Number of peaks found: 28 Corr. Area 1: 1,707.9
 Noise: 0.3

Peak table for sample 5 : sample 22 Resoni 1:6

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	94	11.65	187.6	
3	121	51.85	648.6	
4	138	32.21	354.8	
5	164	75.19	693.2	
6	185	52.11	425.7	
7	199	39.87	303.2	
8	207	25.43	186.5	
9	233	39.93	259.2	
10	252	68.43	411.8	
11	264	30.51	175.0	
12	282	29.42	158.3	
13	300	38.02	191.8	
14	308	27.81	136.6	
15	330	56.21	257.9	
16	356	46.78	199.3	
17	380	37.48	149.3	
18	413	47.95	176.0	
19	450	81.24	273.4	
20	484	43.84	137.4	
21	522	35.13	101.9	
22	559	28.56	77.4	
23	597	22.24	56.4	
24	615	24.59	60.5	
25	635	23.61	56.3	
26	761	15.74	31.3	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-10\2013-04-10_003.xad

Created: 4/10/2013 2:23:31 PM
 Modified: 4/10/2013 3:11:22 PM

Electropherogram Summary Continued ...

... Peak table for sample 5 : sample 22 Resoni 1:6

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	814	19.50	36.3	
28	974	85.09	132.4	
29	1,338	29.37	33.3	
30	10,380	75.00	10.9	Upper Marker

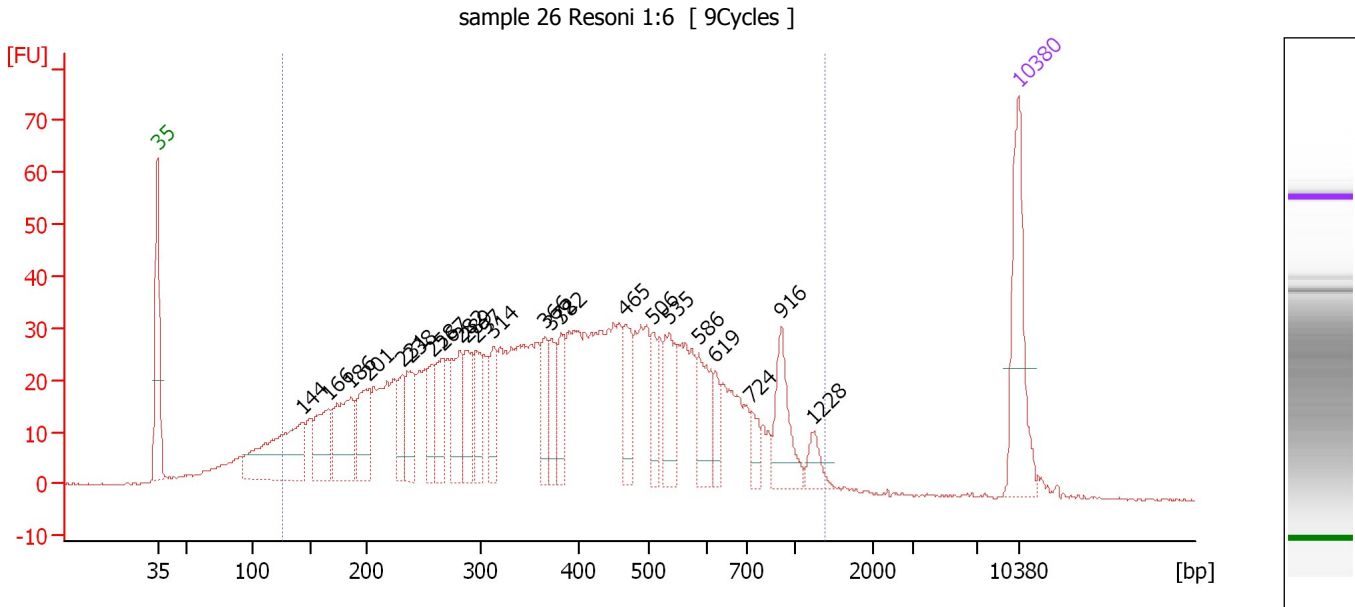
Region table for sample 5 : sample 22 Resoni 1:6

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
127	1,673	491	8,393.1	1,808.75	1,707.9	93	56.8	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-10\2013-04-10_003.xad

Created: 4/10/2013 2:23:31 PM
 Modified: 4/10/2013 3:11:22 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : sample 26 Resoni 1:6

Number of peaks found: 23 Corr. Area 1: 1,425.1
 Noise: 0.2

Peak table for sample 6 : sample 26 Resoni 1:6

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	144	143.02	1,510.0	
3	166	60.45	553.4	
4	186	89.73	730.2	
5	201	61.82	466.1	
6	231	33.54	220.2	
7	238	47.54	303.1	
8	258	34.67	204.0	
9	267	46.33	262.9	
10	282	54.51	292.4	
11	289	44.53	233.6	
12	297	43.22	220.7	
13	314	34.59	167.0	
14	366	35.81	148.3	
15	372	34.95	142.4	
16	382	32.43	128.6	
17	465	46.39	151.0	
18	506	29.32	87.7	
19	535	56.52	160.1	
20	586	48.29	124.9	
21	619	18.52	45.3	
22	724	17.26	36.1	
23	916	51.46	85.1	
24	1,228	15.79	19.5	
25	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-10\2013-04-10_003.xad

Created: 4/10/2013 2:23:31 PM
Modified: 4/10/2013 3:11:22 PM

Electropherogram Summary Continued ...

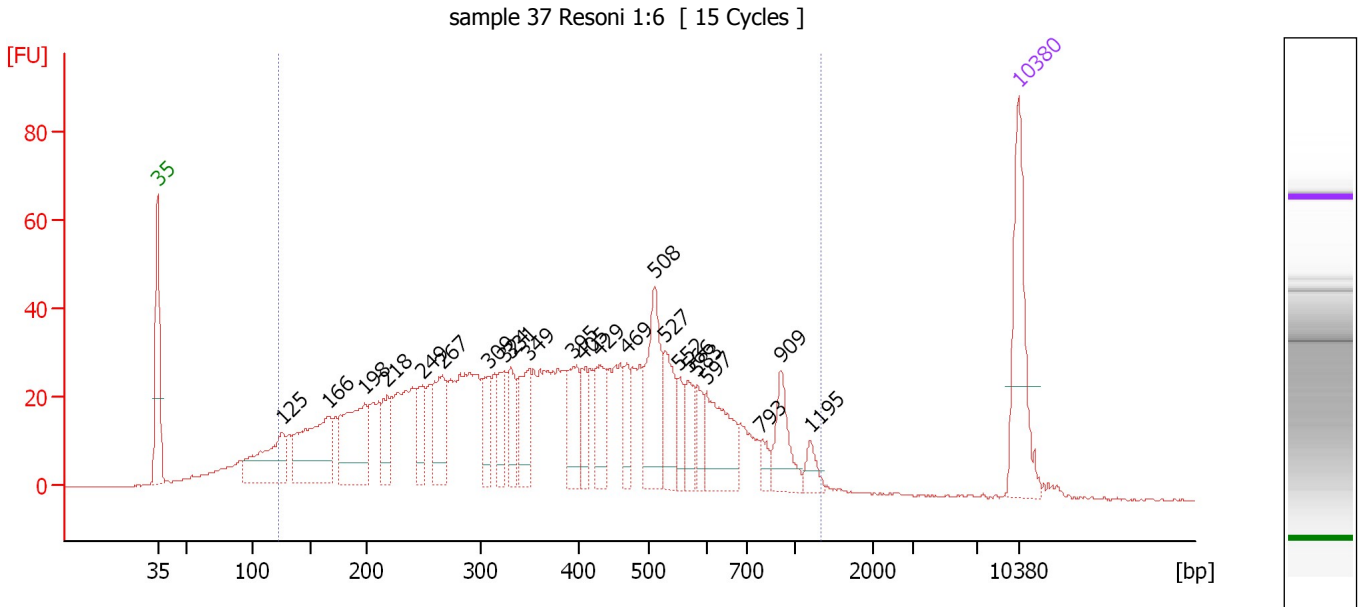
... Region table for sample 6 : sample 26 Resoni 1:6

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
126	1,393	424	10,697.1	2,124.35	1,425.1	92	49.8	■

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-10\2013-04-10_003.xad

Created: 4/10/2013 2:23:31 PM
 Modified: 4/10/2013 3:11:22 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : sample 37 Resoni 1:6

Number of peaks found: 23 Corr. Area 1: 1,389.5
 Noise: 0.2

Peak table for sample 7 : sample 37 Resoni 1:6

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	125	88.93	1,074.3	
3	166	118.34	1,082.6	
4	198	103.44	792.2	
5	218	37.35	259.8	
6	249	37.24	226.8	
7	267	64.69	367.3	
8	309	35.64	174.8	
9	324	33.67	157.4	
10	331	33.11	151.5	
11	349	50.33	218.4	
12	395	45.63	175.2	
13	405	29.31	109.6	
14	429	44.56	157.3	
15	469	24.79	80.2	
16	508	84.47	251.7	
17	527	42.43	122.0	
18	552	20.02	55.0	
19	566	24.86	66.5	
20	583	18.90	49.1	
21	597	63.92	162.2	
22	793	11.20	21.4	
23	909	38.80	64.7	
24	1,195	12.33	15.6	
25	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-10\2013-04-10_003.xad

Created: 4/10/2013 2:23:31 PM
Modified: 4/10/2013 3:11:22 PM

Electropherogram Summary Continued ...

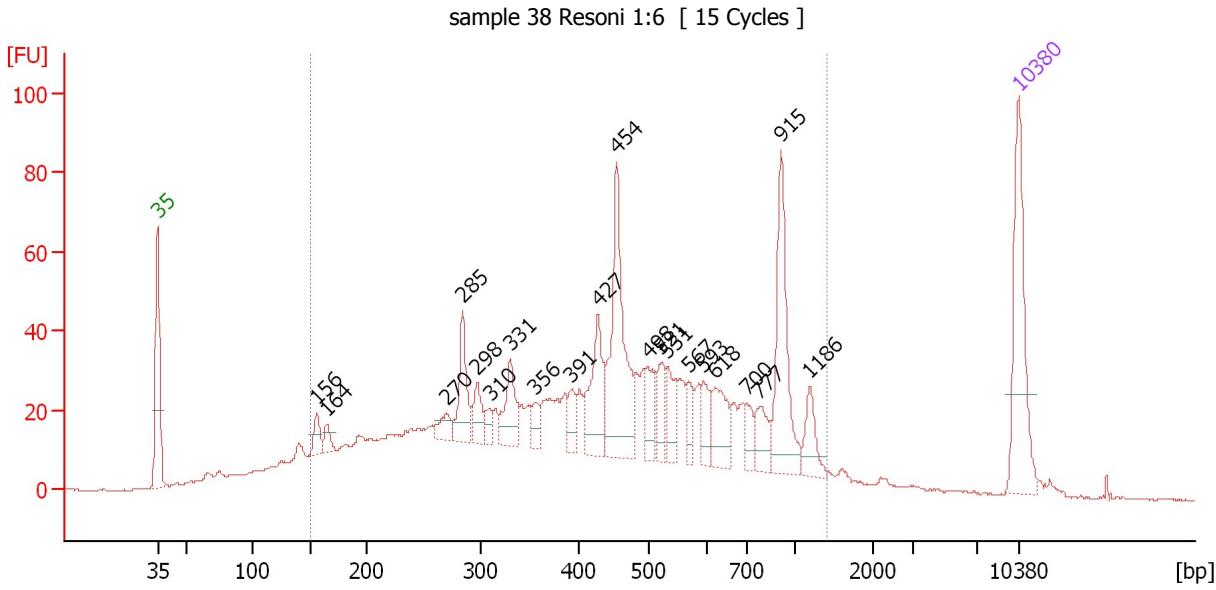
... Region table for sample 7 : sample 37 Resoni 1:6

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
123	1,338	413	9,277.8	1,787.36	1,389.5	93	49.5	■

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-10\2013-04-10_003.xad

Created: 4/10/2013 2:23:31 PM
 Modified: 4/10/2013 3:11:22 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : sample 38 Resoni 1:6

Number of peaks found: 21 Corr. Area 1: 1,381.0
 Noise: 0.2

Peak table for sample 8 : sample 38 Resoni 1:6

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	156	17.97	174.9	
3	164	11.51	106.3	
4	270	15.37	86.3	
5	285	46.97	250.0	
6	298	22.80	116.0	
7	310	10.69	52.3	
8	331	38.24	175.0	
9	356	13.46	57.3	
10	391	16.75	64.9	
11	427	59.94	212.5	
12	454	128.18	427.9	
13	498	27.36	83.2	
14	521	24.68	71.8	
15	531	25.25	72.1	
16	567	15.70	41.9	
17	593	23.25	59.5	
18	618	35.79	87.8	
19	700	16.51	35.7	
20	777	23.59	46.0	
21	915	87.31	144.6	
22	1,186	22.70	29.0	
23	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-10\2013-04-10_003.xad

Created: 4/10/2013 2:23:31 PM
Modified: 4/10/2013 3:11:22 PM

Electropherogram Summary Continued ...

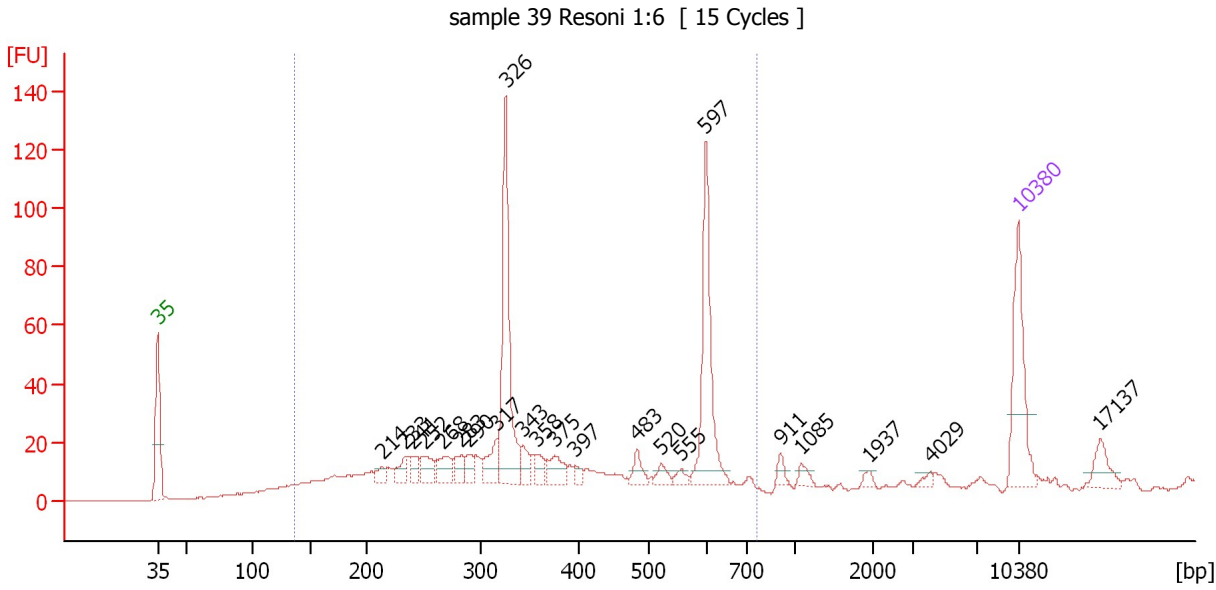
... Region table for sample 8 : sample 38 Resoni 1:6

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
150	1,408	493	7,297.6	1,674.68	1,381.0	89	49.8	■

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-10\2013-04-10_003.xad

Created: 4/10/2013 2:23:31 PM
 Modified: 4/10/2013 3:11:22 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : sample 39 Resoni 1:6

Number of peaks found: 22 Corr. Area 1: 742.9
 Noise: 0.2

Peak table for sample 9 : sample 39 Resoni 1:6

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	214	12.33	87.3	
3	233	18.58	120.8	
4	241	15.10	95.1	
5	252	25.86	155.7	
6	268	27.98	158.3	
7	283	17.71	94.7	
8	290	17.52	91.5	
9	317	31.33	149.9	
10	326	182.13	845.7	
11	343	20.57	90.9	
12	358	15.98	67.7	
13	375	26.90	108.6	
14	397	7.47	28.5	
15	483	15.76	49.4	
16	520	11.34	33.0	
17	555	8.03	21.9	
18	597	134.60	341.6	
19	911	8.62	14.3	
20	1,085	8.11	11.3	
21	1,937	4.40	3.4	
22	4,029	4.21	1.6	
23	10,380	75.00	10.9	Upper Marker
24	17,137	0.00	0.0	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-10\2013-04-10_003.xad

Created: 4/10/2013 2:23:31 PM
Modified: 4/10/2013 3:11:22 PM

Electropherogram Summary Continued ...

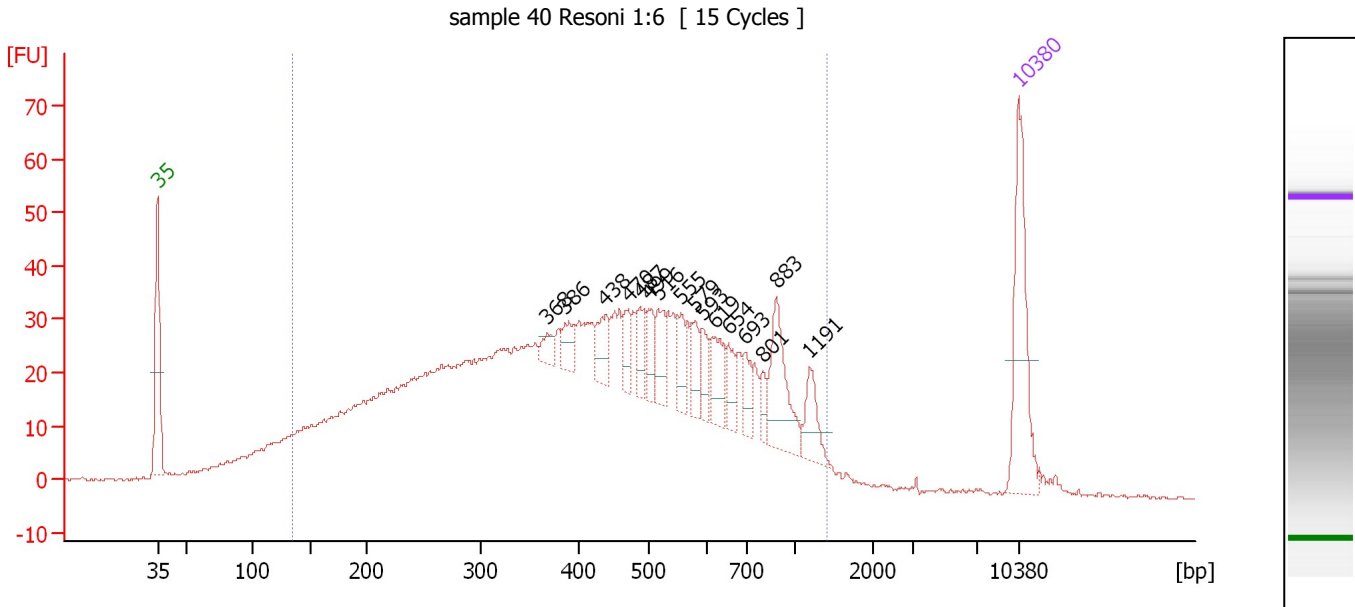
... Region table for sample 9 : sample 39 Resoni 1:6

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
136	768	386	5,326.0	1,070.14	742.9	83	37.8	■

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-10\2013-04-10_003.xad

Created: 4/10/2013 2:23:31 PM
 Modified: 4/10/2013 3:11:22 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : sample 40 Resoni 1:6

Number of peaks found: 16 Corr. Area 1: 1,406.2
 Noise: 0.4

Peak table for sample 10 : sample 40 Resoni 1:6

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	368	11.95	49.3	
3	386	17.57	68.9	
4	438	26.23	90.7	
5	470	19.37	62.5	
6	487	22.29	69.3	
7	499	19.72	59.9	
8	516	26.96	79.2	
9	555	20.49	56.0	
10	579	20.63	54.0	
11	593	18.02	46.0	
12	619	29.82	73.0	
13	654	18.63	43.2	
14	693	17.97	39.3	
15	801	11.24	21.3	
16	883	57.19	98.2	
17	1,191	24.54	31.2	
18	10,380	75.00	10.9	Upper Marker

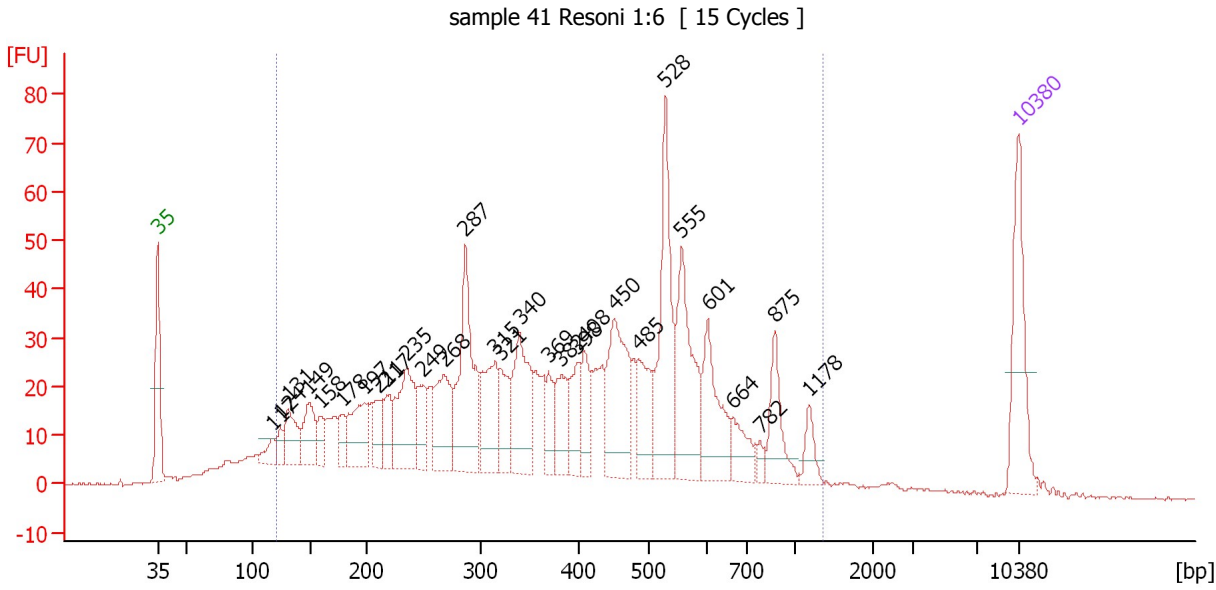
Region table for sample 10 : sample 40 Resoni 1:6

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
134	1,416	468	10,043.9	2,179.68	1,406.2	92	50.4	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-10\2013-04-10_003.xad

Created: 4/10/2013 2:23:31 PM
 Modified: 4/10/2013 3:11:22 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : sample 41 Resoni 1:6

Number of peaks found: 29 Corr. Area 1: 1,366.4
 Noise: 0.2

Peak table for sample 11 : sample 41 Resoni 1:6

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	117	20.62	267.2	
3	124	16.97	206.7	
4	131	51.24	593.3	
5	149	52.65	536.2	
6	158	24.22	231.7	
7	178	22.63	192.4	
8	197	68.98	529.4	
9	211	37.07	266.6	
10	217	34.29	239.0	
11	235	99.54	641.1	
12	249	39.44	240.0	
13	268	77.77	438.9	
14	287	145.37	766.4	
15	315	80.78	388.1	
16	321	41.51	195.9	
17	340	99.80	444.3	
18	369	28.25	115.9	
19	382	48.73	193.2	
20	398	43.31	165.0	
21	408	40.03	148.8	
22	450	115.61	389.1	
23	485	55.33	172.7	
24	528	140.06	402.0	
25	555	115.73	315.7	
26	601	76.55	192.9	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-10\2013-04-10_003.xad

Created: 4/10/2013 2:23:31 PM
 Modified: 4/10/2013 3:11:22 PM

Electropherogram Summary Continued ...

... Peak table for sample 11 : sample 41 Resoni 1:6

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	664	34.39	78.4	
28	782	7.37	14.3	
29	875	48.62	84.2	
30	1,178	18.99	24.4	
31	10,380	75.00	10.9	Upper Marker

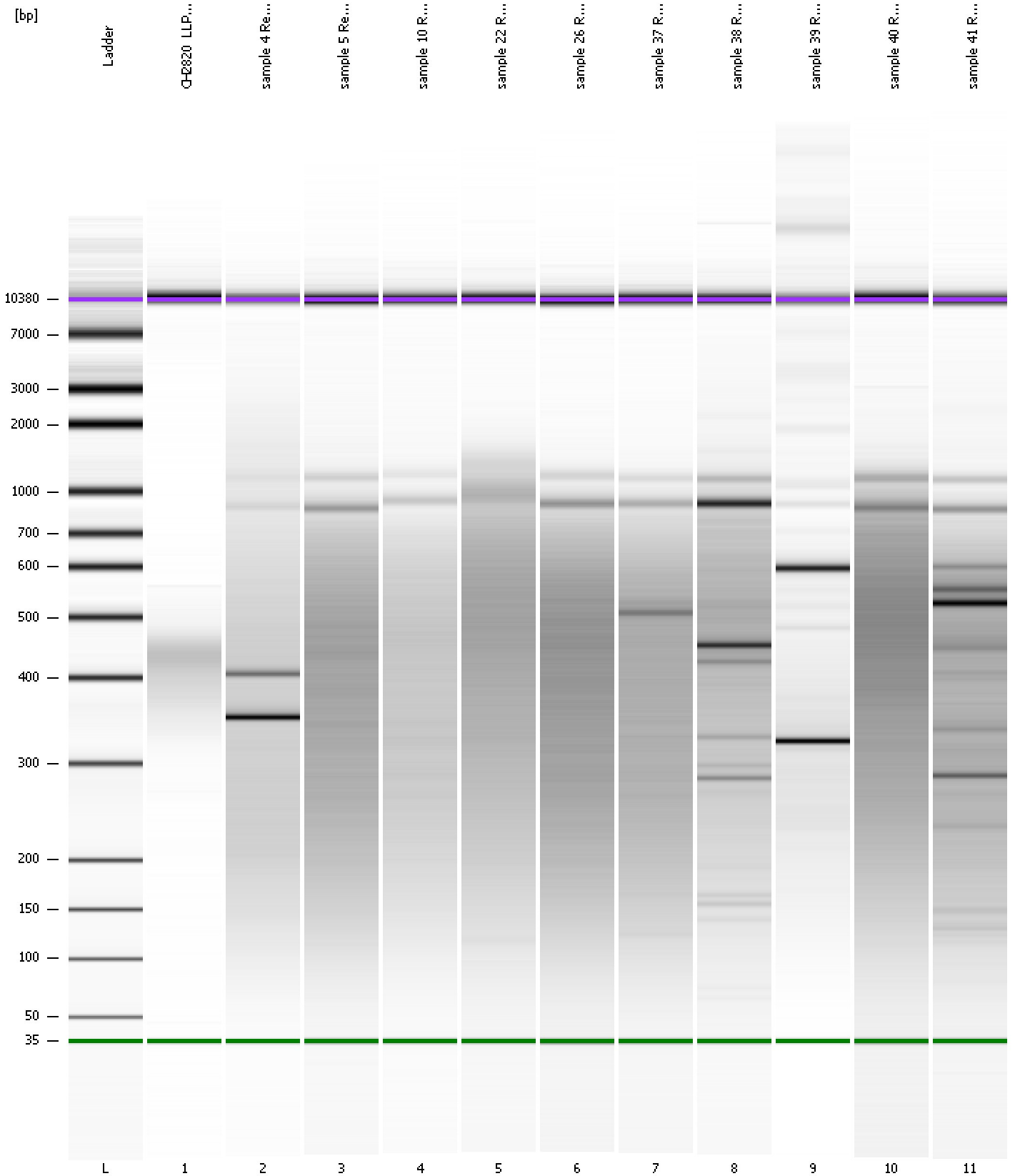
Region table for sample 11 : sample 41 Resoni 1:6

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
121	1,368	422	11,621.2	2,260.70	1,366.4	92	49.0	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-10\2013-04-10_003.xad

Created: 4/10/2013 2:23:31 PM
Modified: 4/10/2013 3:11:22 PM

Gel Image



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-10\2013-04-10_003.xad

Created: 4/10/2013 2:23:31 PM
 Modified: 4/10/2013 3:11:22 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		4/10/2013 3:04:51 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Documents and Settings\Bioanalyzer\2013-04-10\2013-04-10_003.xad)		Instrument	Run		4/10/2013 2:23:36 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938B		Instrument	Run		4/10/2013 2:23:36 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		4/10/2013 2:23:36 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		4/10/2013 2:23:36 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE13701086		Instrument	Run		4/10/2013 2:23:36 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		4/10/2013 2:23:36 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		4/10/2013 2:23:36 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1