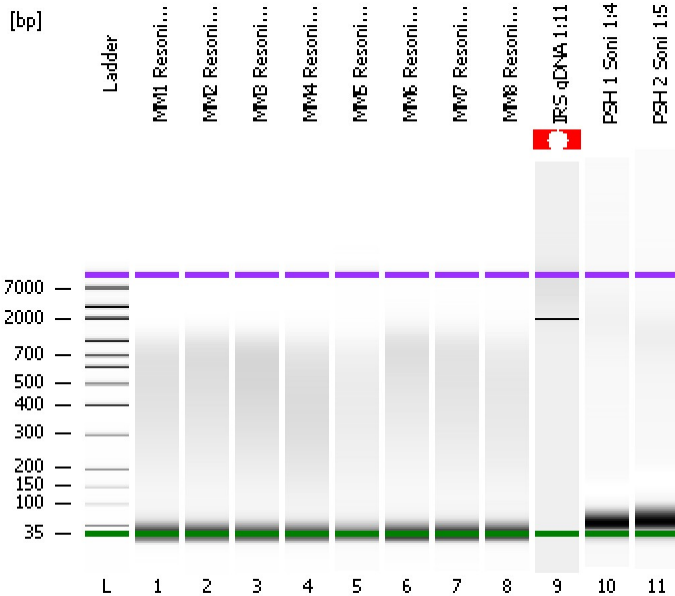


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-07-30\2013-07-30_001.xad

Created: 7/30/2013 12:09:56 PM
Modified: 7/30/2013 12:53:43 PM

Electrophoresis File Run Summary



Instrument Information:

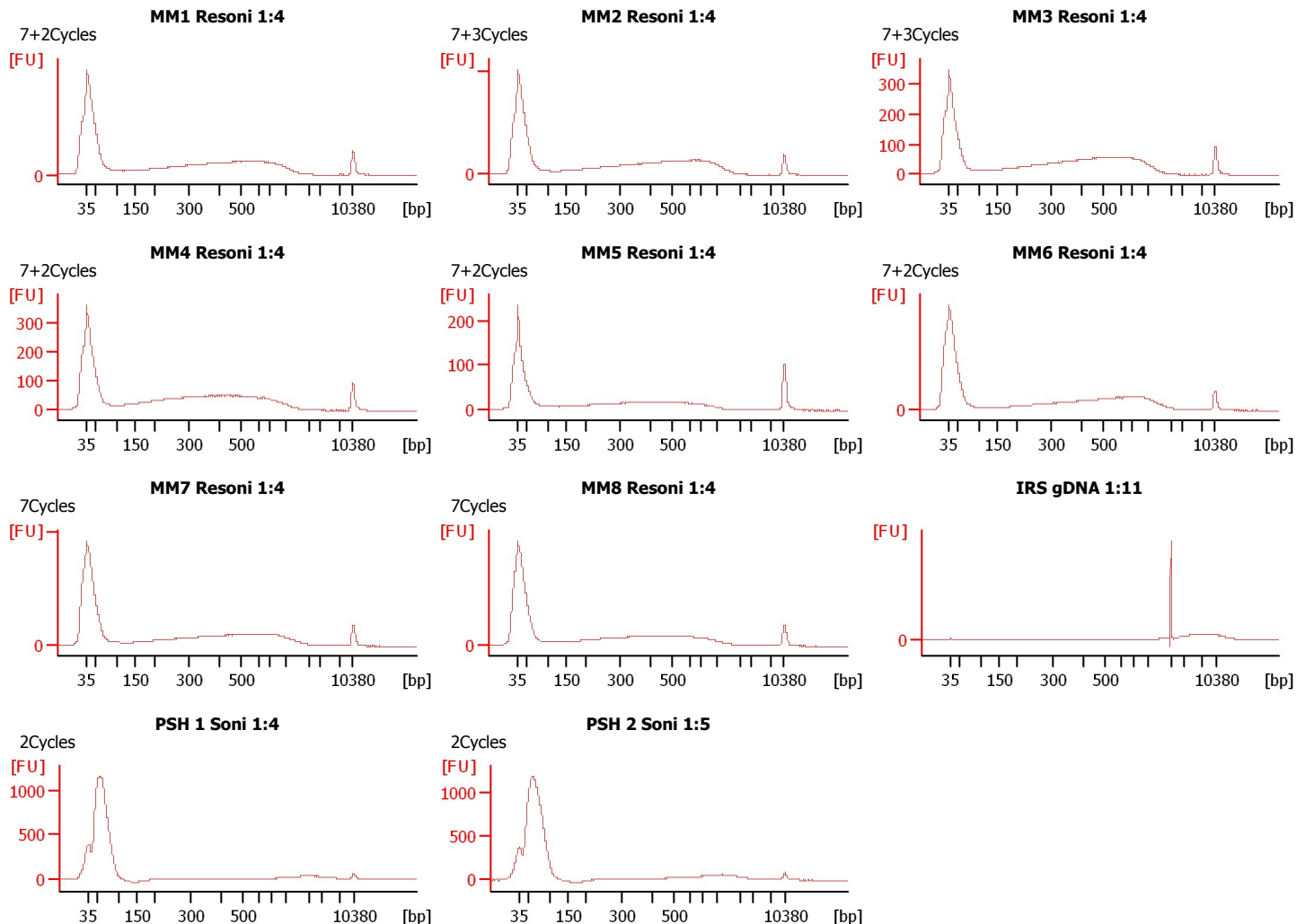
Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\High Sensitivity DNA.xsy
Assay Class: High Sensitivity DNA Assay
Version: 1.03
Assay Comments: Copyright © 2003-2010 Agilent Technologies

Chip Information:

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



Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-07-30\2013-07-30_001.xad

Created: 7/30/2013 12:09:56 PM
Modified: 7/30/2013 12:53:43 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
MM1 Resoni 1:4	7+2Cycles	<input type="checkbox"/>	✓			
MM2 Resoni 1:4	7+3Cycles	<input type="checkbox"/>	✓			
MM3 Resoni 1:4	7+3Cycles	<input type="checkbox"/>	✓			
MM4 Resoni 1:4	7+2Cycles	<input type="checkbox"/>	✓			
MM5 Resoni 1:4	7+2Cycles	<input type="checkbox"/>	✓			
MM6 Resoni 1:4	7+2Cycles	<input type="checkbox"/>	✓			
MM7 Resoni 1:4	7Cycles	<input type="checkbox"/>	✓			
MM8 Resoni 1:4	7Cycles	<input type="checkbox"/>	✓			
IRS gDNA 1:11		<input type="checkbox"/>	⚠			
PSH 1 Soni 1:4	2Cycles	<input type="checkbox"/>	✓			
PSH 2 Soni 1:5	2Cycles	<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\2013-07-30\2013-07-30_001.xad

Created: 7/30/2013 12:09:56 PM
Modified: 7/30/2013 12:53:43 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

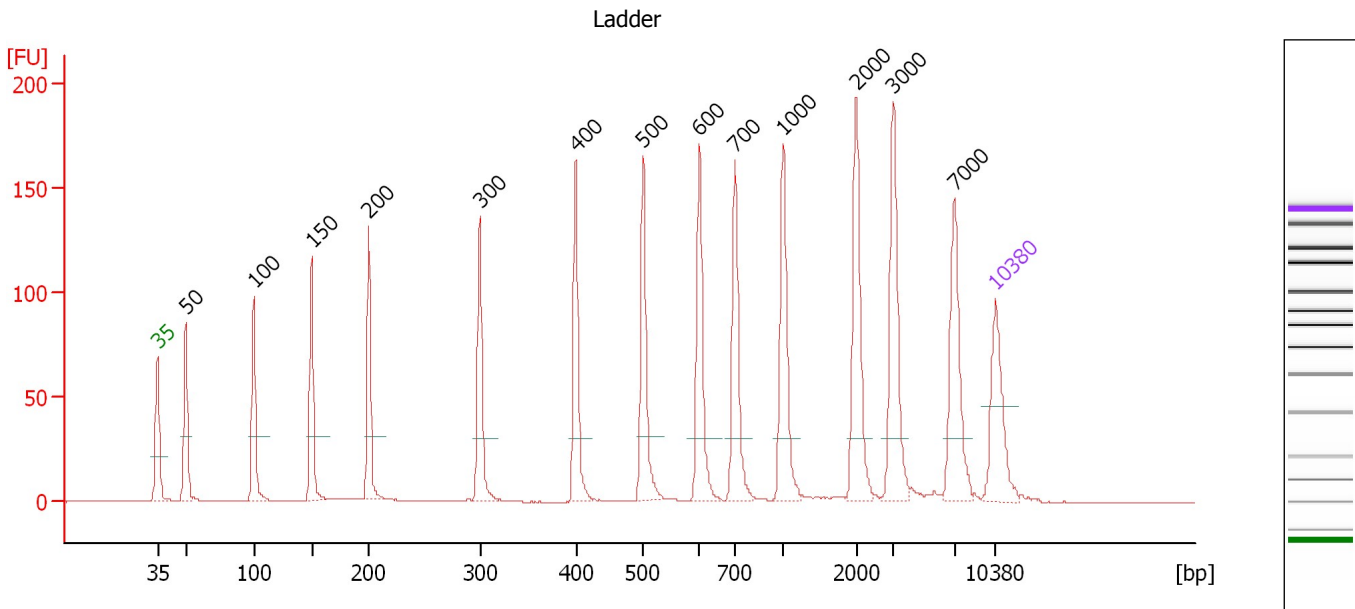
Ladder

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\2013-07-30\2013-07-30_001.xad

Created: 7/30/2013 12:09:56 PM
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Electropherogram Summary



Overall Results for Ladder

Noise: 0.1

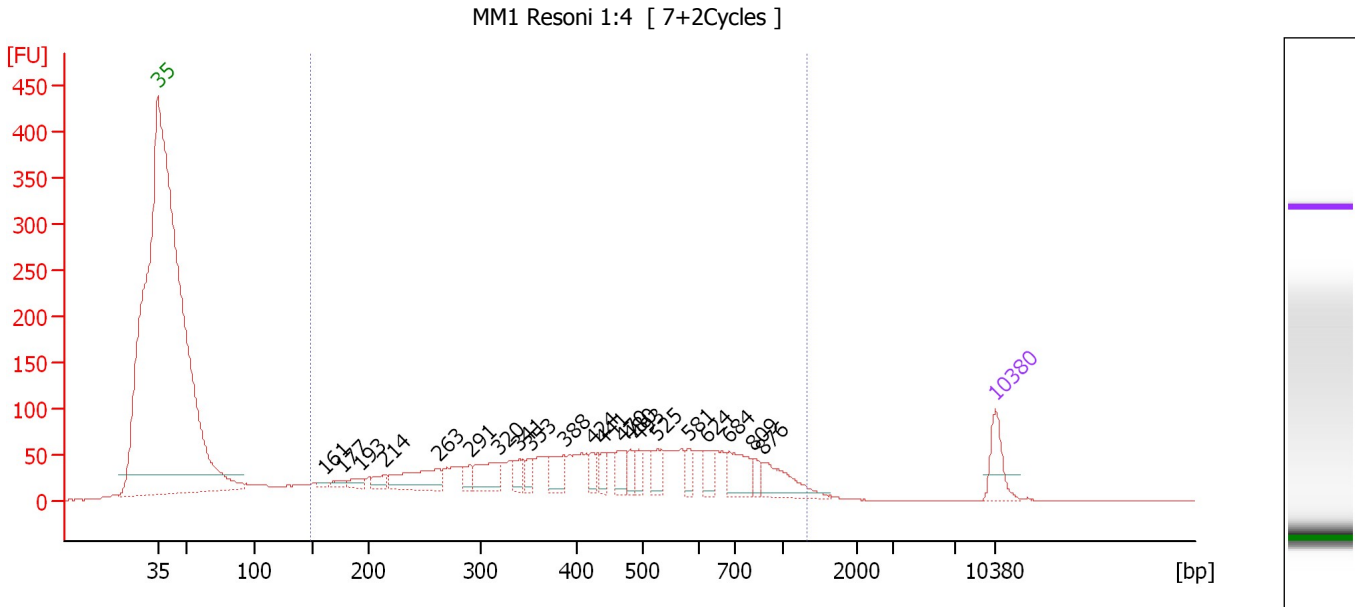
Peak table for Ladder

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\2013-07-30\2013-07-30_001.xad

Created: 7/30/2013 12:09:56 PM
 Modified: 7/30/2013 12:53:43 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : MM1 Resoni 1:4

Number of peaks found: 21 Corr. Area 1: 2,234.1
 Noise: 0.2

Peak table for sample 1 : MM1 Resoni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	161	12.39	116.4	
3	177	21.70	185.5	
4	193	31.10	244.7	
5	214	39.97	283.1	
6	263	157.43	905.9	
7	291	42.94	223.5	
8	320	109.52	518.6	
9	341	46.38	205.9	
10	353	41.40	177.6	
11	388	74.62	291.3	
12	424	45.24	161.8	
13	441	39.53	136.0	
14	470	66.93	215.7	
15	480	41.44	130.7	
16	493	44.14	135.7	
17	525	60.07	173.3	
18	581	37.98	99.0	
19	624	47.42	115.2	
20	684	109.11	241.8	
21	809	34.37	64.4	
22	876	116.35	201.2	
23	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-07-30\2013-07-30_001.xad

Created: 7/30/2013 12:09:56 PM
Modified: 7/30/2013 12:53:43 PM

Electropherogram Summary Continued ...

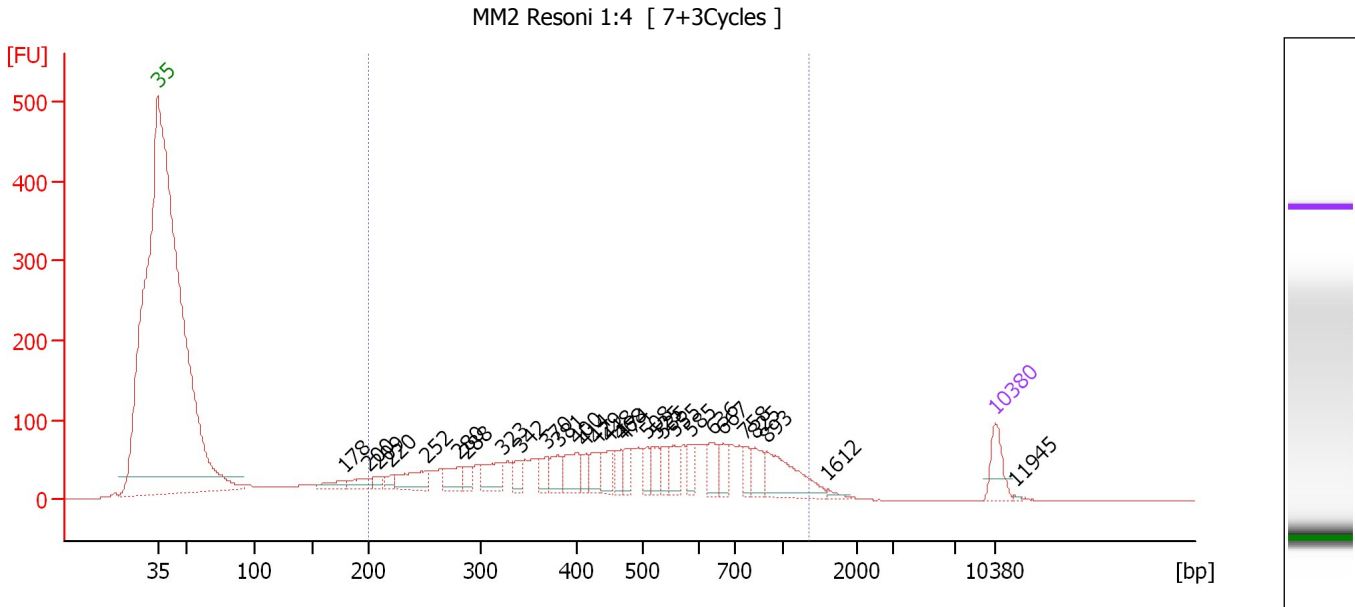
... Region table for sample 1 : MM1 Resoni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
149	1,321	469	10,917.3	2,464.47	2,234.1	91	46.5	■

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-07-30\2013-07-30_001.xad

Created: 7/30/2013 12:09:56 PM
 Modified: 7/30/2013 12:53:43 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : MM2 Resoni 1:4

Number of peaks found: 29 Corr. Area 1: 2,492.0
 Noise: 0.1

Peak table for sample 2 : MM2 Resoni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	178	42.53	362.3	
3	200	55.44	420.2	
4	209	32.03	231.9	
5	220	31.35	216.2	
6	252	119.54	719.1	
7	280	84.69	457.5	
8	288	42.30	222.7	
9	323	113.58	532.7	
10	342	53.33	236.5	
11	370	58.77	240.8	
12	381	67.20	267.2	
13	400	96.87	366.5	
14	414	45.92	168.0	
15	429	63.25	223.2	
16	448	71.83	242.8	
17	468	49.08	159.0	
18	474	50.08	160.1	
19	508	54.36	162.3	
20	525	60.82	175.5	
21	535	53.15	150.4	
22	555	66.72	182.1	
23	585	44.99	116.5	
24	636	63.50	151.2	
25	667	66.54	151.2	
26	758	51.95	103.9	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-07-30\2013-07-30_001.xad


Created: 7/30/2013 12:09:56 PM
 Modified: 7/30/2013 12:53:43 PM

Electropherogram Summary Continued ...

... Peak table for sample 2 : MM2 Resoni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	825	62.55	114.8	
28	893	176.76	299.8	
29	1,612	11.09	10.4	
30	10,380	75.00	10.9	Upper Marker
31	11,945	0.00	0.0	

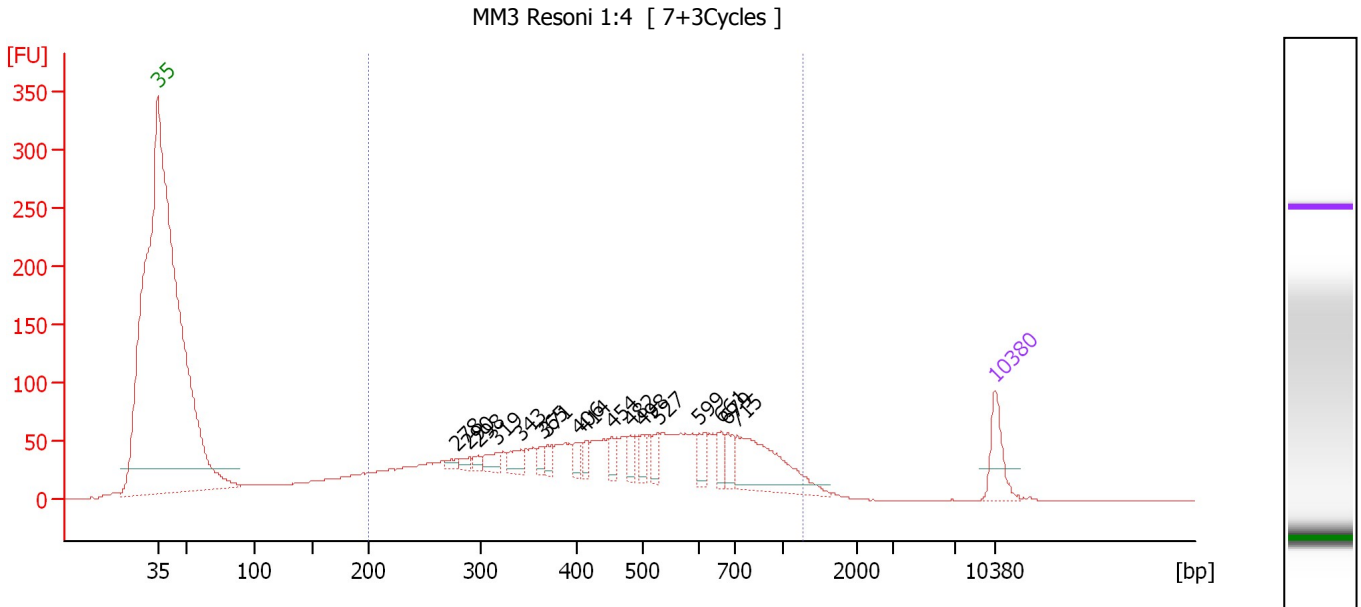
Region table for sample 2 : MM2 Resoni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
200	1,344	514	10,353.5	2,700.30	2,492.0	84	44.7	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-07-30\2013-07-30_001.xad

Created: 7/30/2013 12:09:56 PM
 Modified: 7/30/2013 12:53:43 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : MM3 Resoni 1:4

Number of peaks found: 17 Corr. Area 1: 2,040.9
 Noise: 0.2

Peak table for sample 3 : MM3 Resoni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	278	15.06	82.0	
3	290	16.46	85.9	
4	298	19.60	99.6	
5	319	37.01	176.0	
6	343	44.91	198.2	
7	365	23.63	98.1	
8	371	27.05	110.6	
9	406	33.79	126.2	
10	414	28.80	105.3	
11	454	31.81	106.2	
12	482	36.59	115.1	
13	498	34.56	105.2	
14	527	37.26	107.2	
15	599	44.03	111.4	
16	661	43.39	99.4	
17	679	45.03	100.4	
18	715	247.79	525.1	
19	10,380	75.00	10.9	Upper Marker

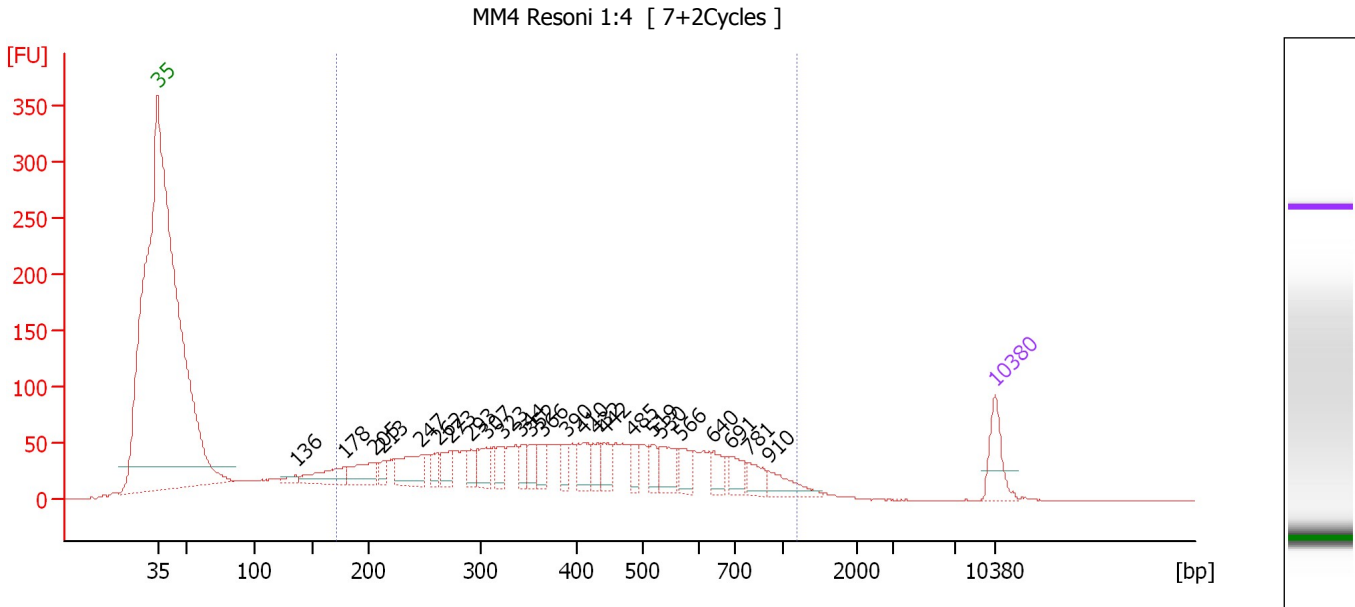
Region table for sample 3 : MM3 Resoni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
200	1,256	497	8,983.8	2,312.19	2,040.9	84	42.4	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-07-30\2013-07-30_001.xad

Created: 7/30/2013 12:09:56 PM
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Electropherogram Summary Continued ...



Overall Results for sample 4 : MM4 Resoni 1:4

Number of peaks found: 25 Corr. Area 1: 2,122.4
 Noise: 0.2

Peak table for sample 4 : MM4 Resoni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	136	18.99	211.2	
3	178	97.27	826.9	
4	205	97.88	724.8	
5	213	29.95	213.4	
6	247	125.05	766.4	
7	262	44.77	258.8	
8	273	55.03	305.0	
9	293	48.09	249.1	
10	307	63.99	316.1	
11	323	54.98	257.7	
12	344	40.17	177.2	
13	352	43.02	185.1	
14	366	45.30	187.4	
15	390	43.98	171.0	
16	410	72.66	268.8	
17	432	46.04	161.3	
18	442	55.05	188.7	
19	485	39.05	122.1	
20	519	44.86	131.0	
21	530	81.26	232.2	
22	566	48.61	130.1	
23	640	46.60	110.4	
24	691	51.23	112.4	
25	781	50.03	97.0	
26	910	60.20	100.3	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-07-30\2013-07-30_001.xad

Created: 7/30/2013 12:09:56 PM
Modified: 7/30/2013 12:53:43 PM

Electropherogram Summary Continued ...**... Peak table for sample 4 : MM4 Resoni 1:4**

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

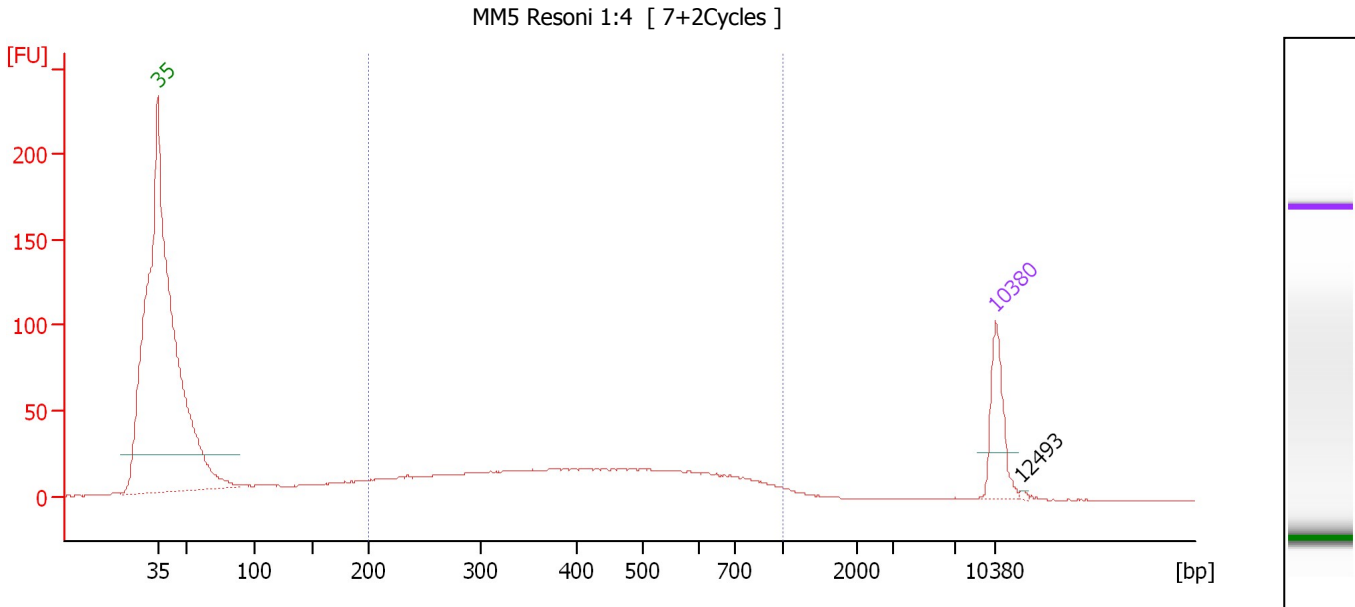
Region table for sample 4 : MM4 Resoni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ μ l]	Corr. Area	% of Total	Size distribution in CV [%]	Color
171	1,178	432	11,215.4	2,465.94	2,122.4	85	44.0	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-07-30\2013-07-30_001.xad

Created: 7/30/2013 12:09:56 PM
 Modified: 7/30/2013 12:53:43 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : MM5 Resoni 1:4

Number of peaks found: 1 Corr. Area 1: 645.1
 Noise: 0.2

Peak table for sample 5 : MM5 Resoni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	10,380	75.00	10.9	Upper Marker
3	12,493	0.00	0.0	

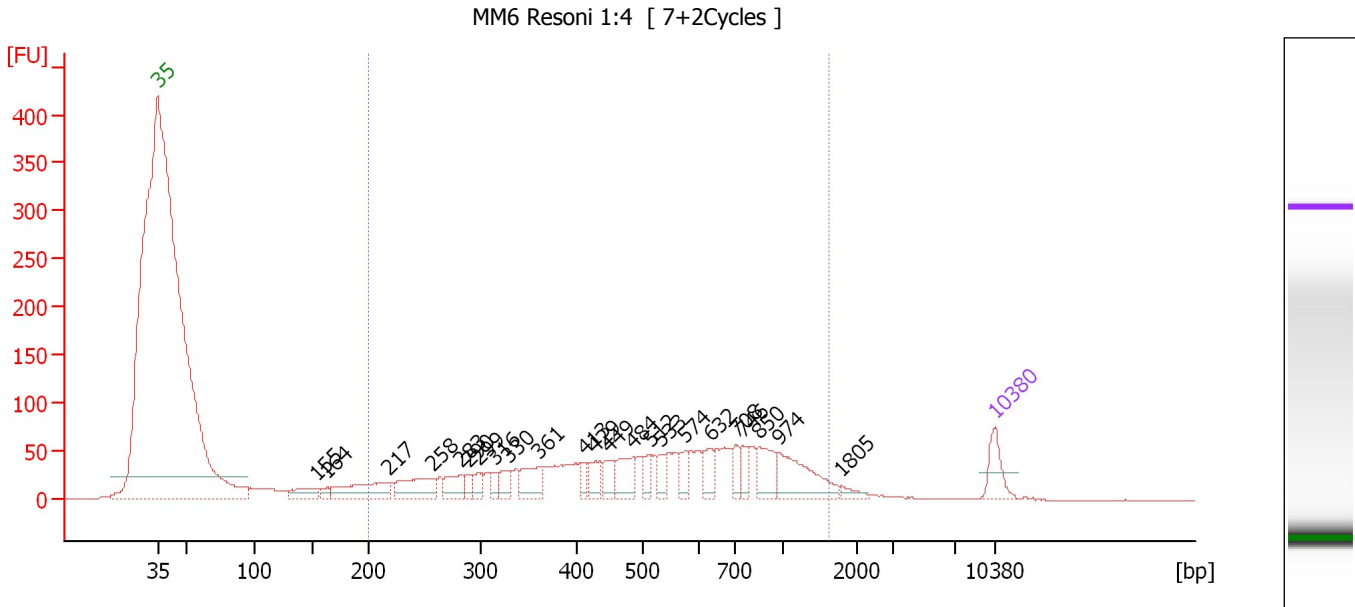
Region table for sample 5 : MM5 Resoni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
200	1,000	440	2,689.5	637.63	645.1	79	38.8	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-07-30\2013-07-30_001.xad

Created: 7/30/2013 12:09:56 PM
 Modified: 7/30/2013 12:53:43 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : MM6 Resoni 1:4

Number of peaks found: 23 Corr. Area 1: 1,742.9
 Noise: 0.2

Peak table for sample 6 : MM6 Resoni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	155	72.24	706.9	
3	164	26.98	249.6	
4	217	182.14	1,272.6	
5	258	164.74	966.8	
6	283	93.61	500.9	
7	290	38.66	202.2	
8	299	44.43	225.2	
9	316	37.24	178.7	
10	330	54.37	249.5	
11	361	114.75	481.1	
12	413	41.15	151.0	
13	429	64.12	226.5	
14	449	58.65	198.1	
15	484	114.41	357.9	
16	512	52.32	154.7	
17	533	48.61	138.2	
18	574	48.72	128.6	
19	632	70.76	169.7	
20	708	48.94	104.7	
21	746	51.83	105.3	
22	850	107.61	191.7	
23	974	187.42	291.7	
24	1,805	20.55	17.3	
25	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-07-30\2013-07-30_001.xad

Created: 7/30/2013 12:09:56 PM
Modified: 7/30/2013 12:53:43 PM

Electropherogram Summary Continued ...

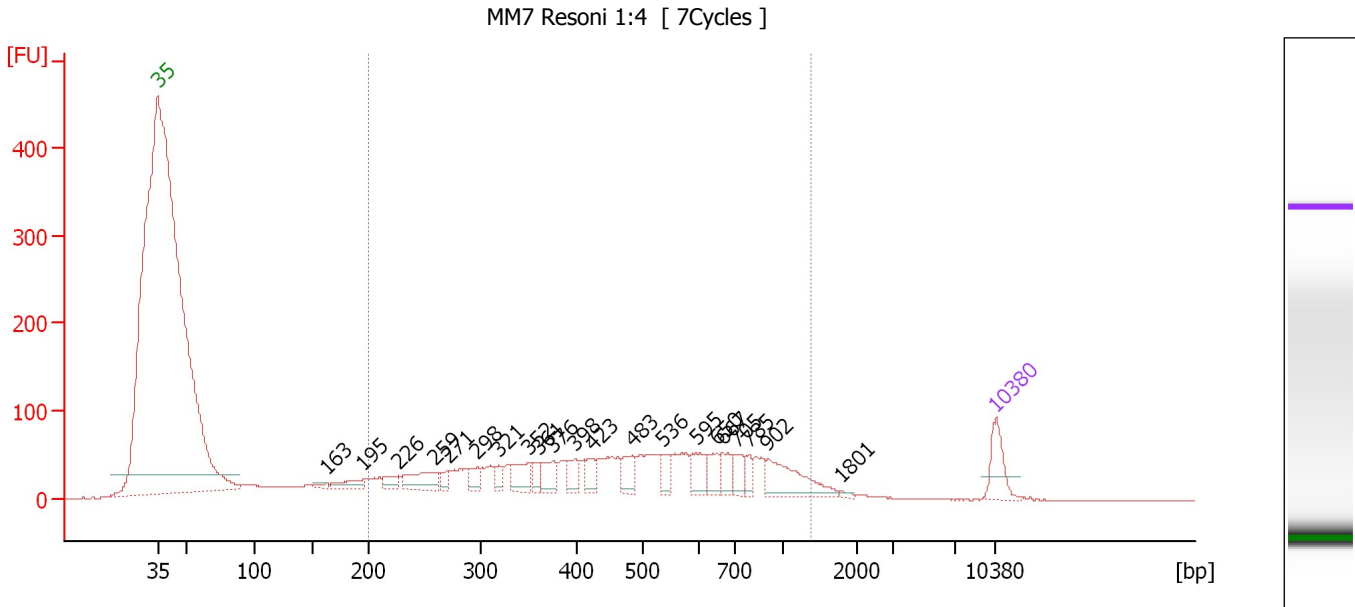
... Region table for sample 6 : MM6 Resoni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
200	1,616	577	8,299.7	2,311.90	1,742.9	86	50.3	■

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-07-30\2013-07-30_001.xad

Created: 7/30/2013 12:09:56 PM
 Modified: 7/30/2013 12:53:43 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : MM7 Resoni 1:4

Number of peaks found: 21 Corr. Area 1: 1,938.2
 Noise: 0.1

Peak table for sample 7 : MM7 Resoni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	163	14.66	136.1	
3	195	50.12	390.3	
4	226	39.15	262.1	
5	259	104.47	610.2	
6	271	30.17	168.7	
7	298	42.93	218.3	
8	321	36.08	170.5	
9	352	83.59	360.1	
10	361	33.21	139.5	
11	376	63.88	257.1	
12	398	54.77	208.5	
13	423	45.54	162.9	
14	483	64.26	201.5	
15	536	50.65	143.3	
16	595	69.18	176.2	
17	650	61.23	142.8	
18	667	54.00	122.7	
19	705	55.90	120.1	
20	785	32.01	61.8	
21	902	149.16	250.5	
22	1,801	6.56	5.5	
23	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-07-30\2013-07-30_001.xad

Created: 7/30/2013 12:09:56 PM
Modified: 7/30/2013 12:53:43 PM

Electropherogram Summary Continued ...

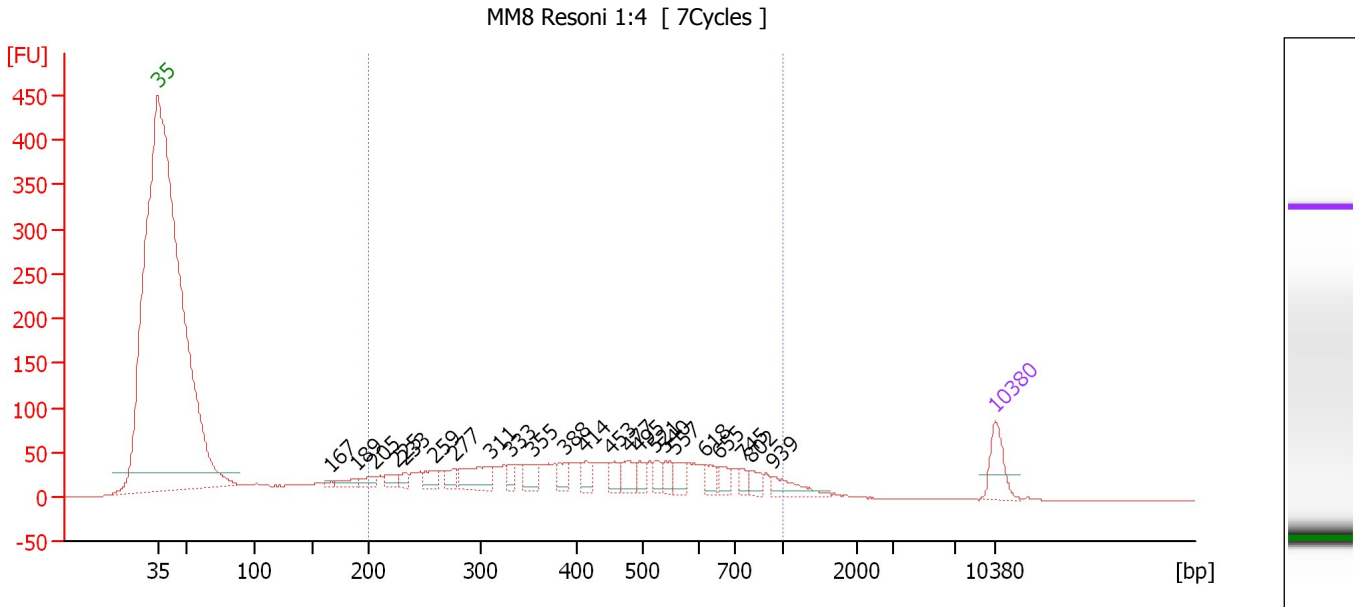
... Region table for sample 7 : MM7 Resoni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
200	1,376	512	8,212.7	2,118.51	1,938.2	82	46.1	■

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-07-30\2013-07-30_001.xad

Created: 7/30/2013 12:09:56 PM
 Modified: 7/30/2013 12:53:43 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : MM8 Resoni 1:4

Number of peaks found: 23 Corr. Area 1: 1,593.3
 Noise: 0.2

Peak table for sample 8 : MM8 Resoni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	167	8.87	80.4	
3	189	30.94	247.8	
4	205	32.71	241.2	
5	225	33.67	226.9	
6	233	24.25	158.0	
7	259	42.60	249.5	
8	277	35.15	192.3	
9	311	116.82	568.8	
10	333	29.51	134.3	
11	355	54.09	231.1	
12	388	43.15	168.6	
13	414	39.12	143.3	
14	453	45.53	152.4	
15	477	59.47	188.8	
16	495	31.50	96.5	
17	521	35.87	104.3	
18	540	34.23	96.1	
19	557	41.06	111.6	
20	618	34.87	85.5	
21	655	33.51	77.5	
22	745	27.13	55.2	
23	802	32.27	61.0	
24	939	60.25	97.2	
25	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-07-30\2013-07-30_001.xad

Created: 7/30/2013 12:09:56 PM
Modified: 7/30/2013 12:53:43 PM

Electropherogram Summary Continued ...

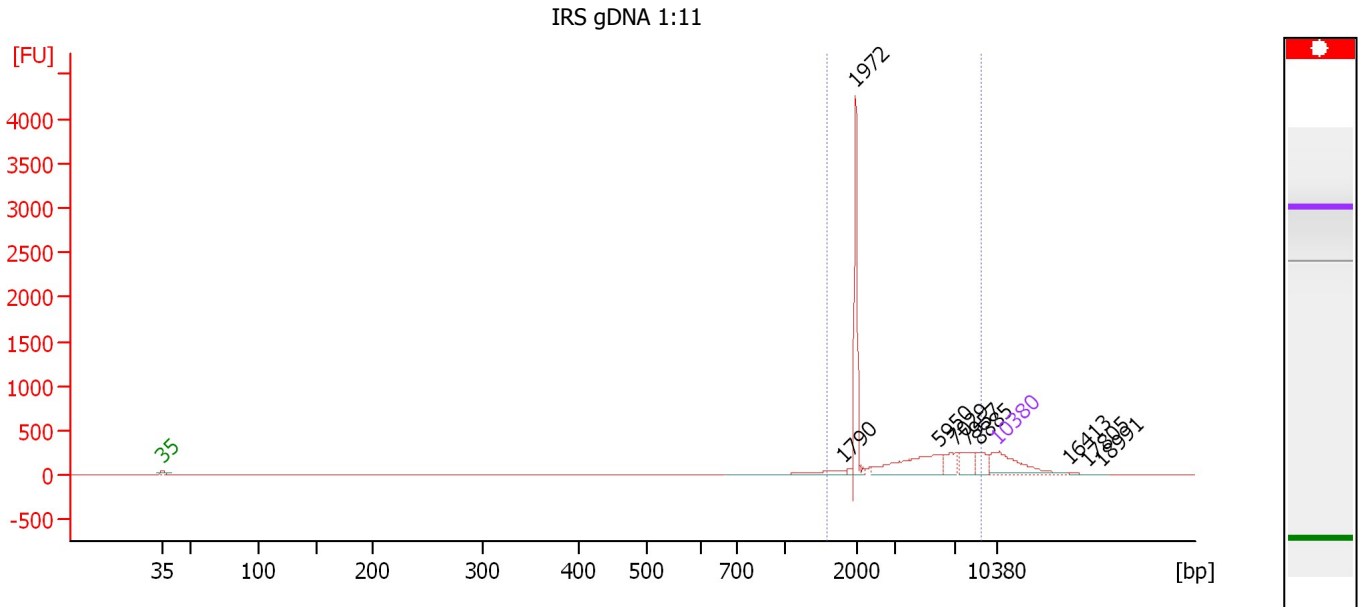
... Region table for sample 8 : MM8 Resoni 1:4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
200	1,000	452	7,267.2	1,752.10	1,593.3	79	39.6	■

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-07-30\2013-07-30_001.xad

Created: 7/30/2013 12:09:56 PM
 Modified: 7/30/2013 12:53:43 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : IRS gDNA 1:11

Number of peaks found: 9 Corr. Area 1: 2,929.7
 Noise: 0.1

Peak table for sample 9 : IRS gDNA 1:11

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	1,790	19.15	16.2	
3	1,972	136.29	104.7	
4	5,950	102.02	26.0	
5	7,029	29.90	6.4	
6	7,957	35.42	6.7	
7	8,885	26.31	4.5	
8	10,380	75.00	10.9	Upper Marker
9	16,413	0.00	0.0	
10	17,805	0.00	0.0	
11	18,991	0.00	0.0	

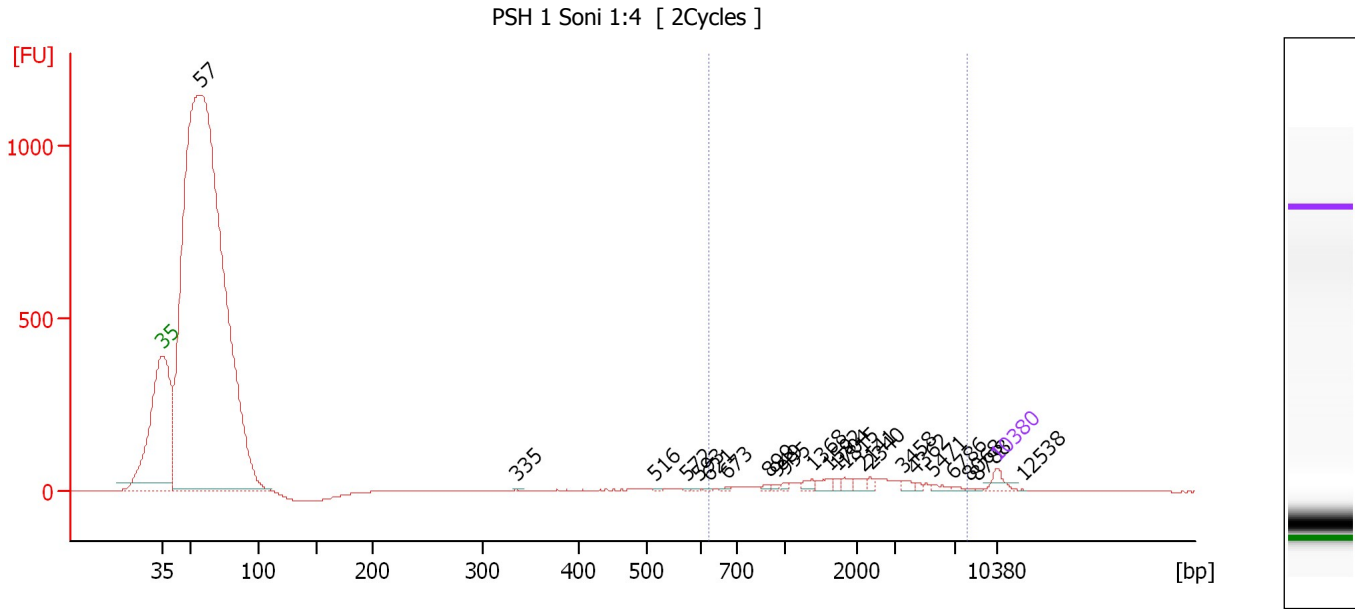
Region table for sample 9 : IRS gDNA 1:11

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
1,560	9,107	4,071	171.7	336.92	2,929.7	90	57.9	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-07-30\2013-07-30_001.xad

Created: 7/30/2013 12:09:56 PM
 Modified: 7/30/2013 12:53:43 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : PSH 1 Soni 1:4

Number of peaks found: 23 Corr. Area 1: 530.0
 Noise: 0.5

Peak table for sample 10 : PSH 1 Soni 1:4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	57	21,003.77	555,346.4	
3	335	7.22	32.7	
4	516	7.33	21.5	
5	572	8.22	21.8	
6	593	10.62	27.1	
7	621	10.97	26.8	
8	673	14.90	33.5	
9	899	20.79	35.1	
10	949	19.15	30.6	
11	995	21.06	32.1	
12	1,368	43.77	48.5	
13	1,592	54.38	51.8	
14	1,704	27.73	24.7	
15	1,815	42.84	35.8	
16	2,141	45.53	32.2	
17	2,340	26.82	17.4	
18	3,458	33.19	14.5	
19	4,362	18.21	6.3	
20	5,471	28.73	8.0	
21	6,786	14.60	3.3	
22	8,068	7.21	1.4	
23	8,788	5.19	0.9	
24	10,380	75.00	10.9	Upper Marker
25	12,538	0.00	0.0	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-07-30\2013-07-30_001.xad

Created: 7/30/2013 12:09:56 PM
Modified: 7/30/2013 12:53:43 PM

Electropherogram Summary Continued ...

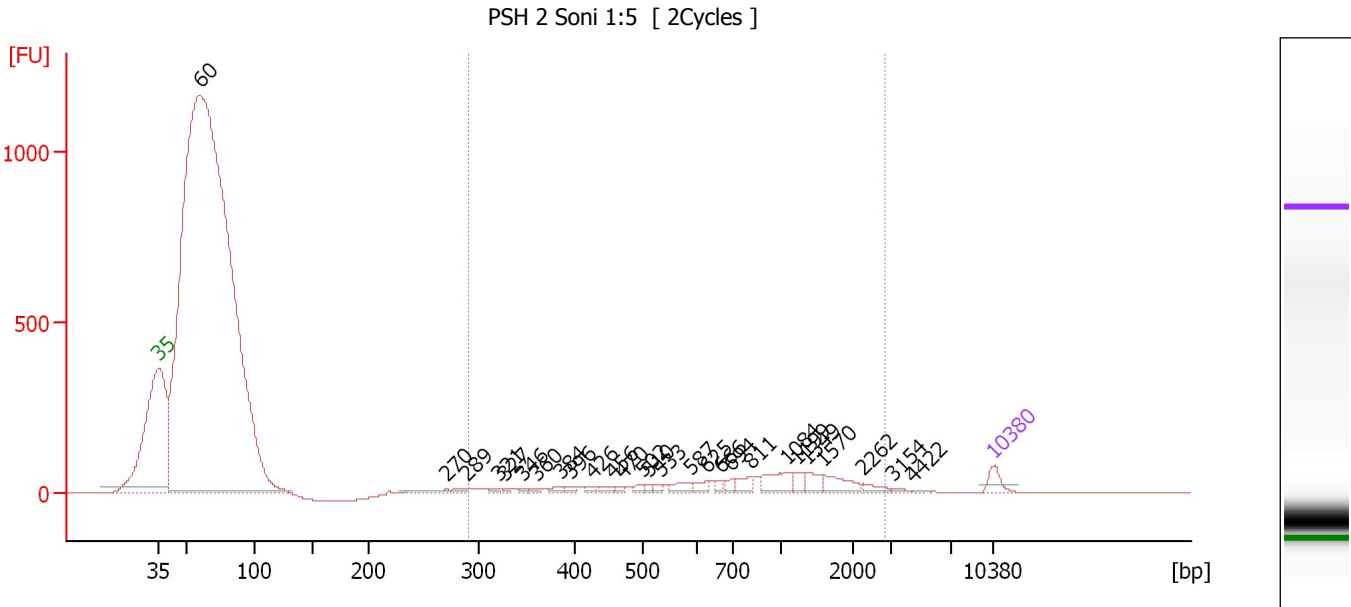
... Region table for sample 10 : **PSH 1 Soni 1:4**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
621	7,888	2,394	575.3	592.61	530.0	5	67.5	■

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-07-30\2013-07-30_001.xad

Created: 7/30/2013 12:09:56 PM
 Modified: 7/30/2013 12:53:43 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : PSH 2 Soni 1:5

Number of peaks found: 27 Corr. Area 1: 1,190.1
 Noise: 0.2

Peak table for sample 11 : PSH 2 Soni 1:5

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	60	20,596.58	524,388.0	
3	270	67.00	376.3	
4	289	33.16	173.9	
5	321	21.03	99.4	
6	327	16.64	77.1	
7	346	20.83	91.2	
8	360	24.98	105.2	
9	384	33.73	133.1	
10	396	22.76	87.1	
11	426	30.31	107.9	
12	456	37.90	125.9	
13	470	25.61	82.5	
14	502	28.71	86.7	
15	510	22.99	68.3	
16	533	26.88	76.4	
17	587	66.95	172.7	
18	625	50.92	123.5	
19	666	31.84	72.5	
20	694	39.70	86.6	
21	811	77.64	145.1	
22	1,084	153.96	215.3	
23	1,199	64.60	81.7	
24	1,349	76.50	85.9	
25	1,570	127.71	123.2	
26	2,262	42.74	28.6	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-07-30\2013-07-30_001.xad

Created: 7/30/2013 12:09:56 PM
 Modified: 7/30/2013 12:53:43 PM

Electropherogram Summary Continued ...

... Peak table for sample 11 : PSH 2 Soni 1:5

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	3,154	17.15	8.2	
28	4,422	6.41	2.2	
29	10,380	75.00	10.9	Upper Marker

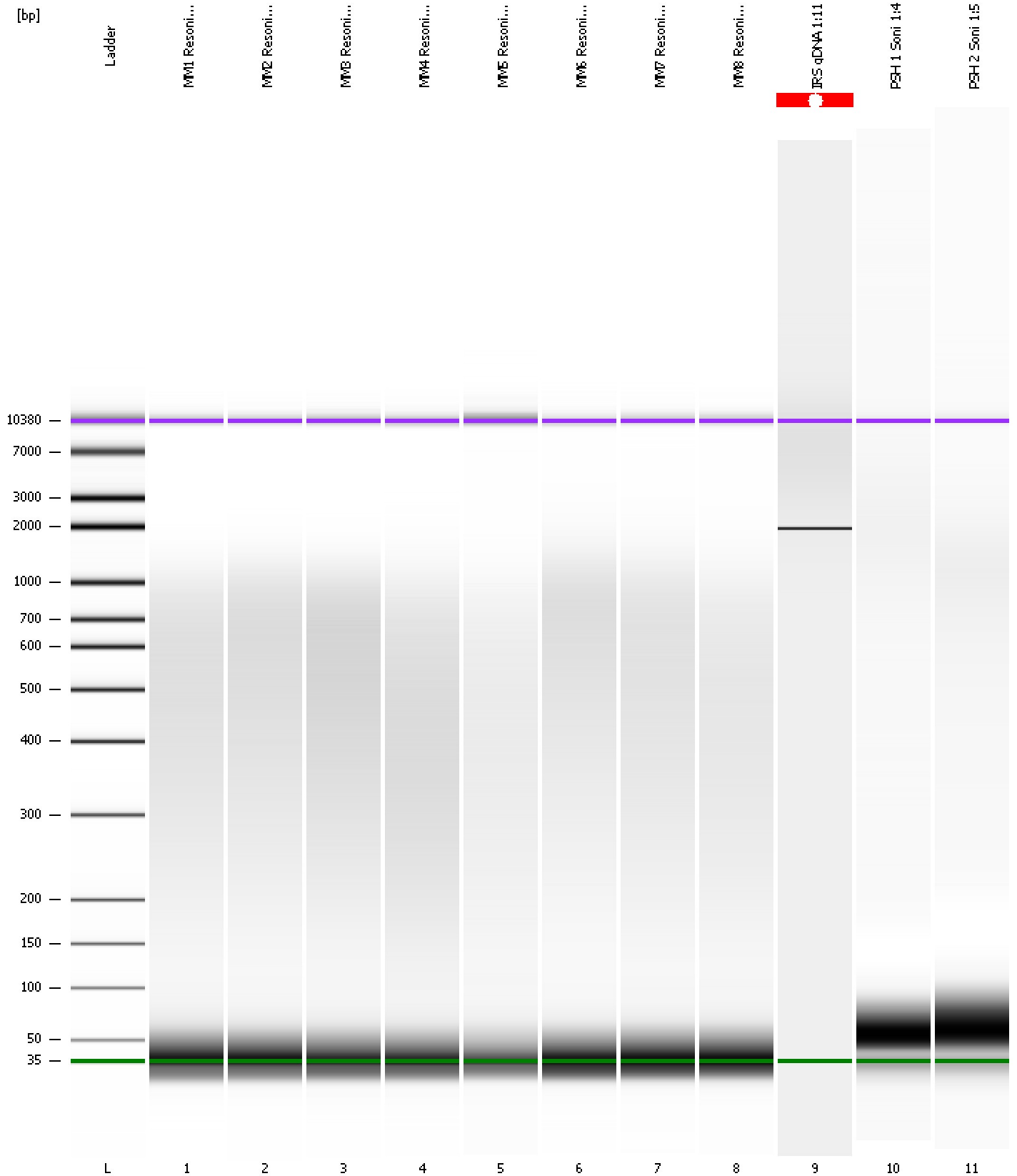
Region table for sample 11 : PSH 2 Soni 1:5

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
290	2,820	964	3,057.8	1,277.64	1,190.1	9	59.2	■

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-07-30\2013-07-30_001.xad

Created: 7/30/2013 12:09:56 PM
Modified: 7/30/2013 12:53:43 PM

Gel Image



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-07-30\2013-07-30_001.xad

Created: 7/30/2013 12:09:56 PM
 Modified: 7/30/2013 12:53:43 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		7/30/2013 12:51:16 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Instrument error occurred on port 1, Optical signal too high (1605h)	559	Instrument	Run	Sample 9	7/30/2013 12:44:43 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Documents and Settings\Bioanalyzer\2013-07-30\2013-07-30_001.xad)		Instrument	Run		7/30/2013 12:10:01 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938B		Instrument	Run		7/30/2013 12:10:01 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		7/30/2013 12:10:01 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		7/30/2013 12:10:01 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE13701086		Instrument	Run		7/30/2013 12:10:01 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		7/30/2013 12:10:01 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		7/30/2013 12:10:01 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1