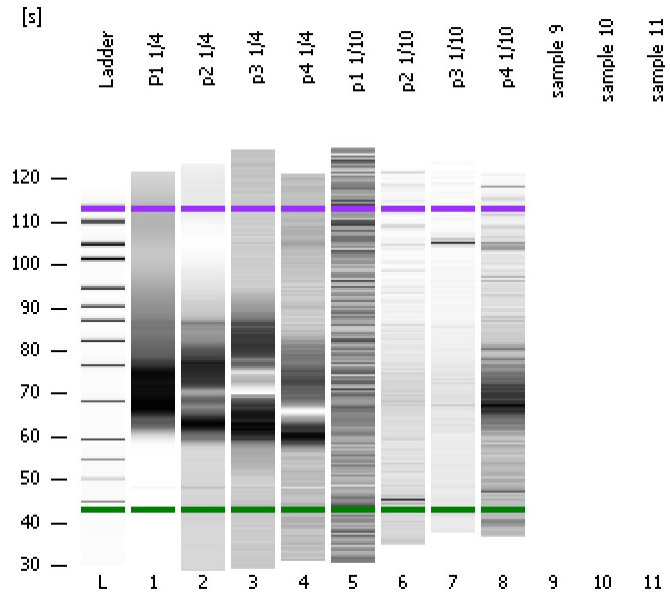


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-11-01\2013-11-01_005.xad

Created: 11/1/2013 2:41:27 PM
Modified: 11/1/2013 3:19:50 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

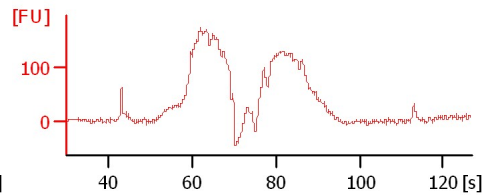
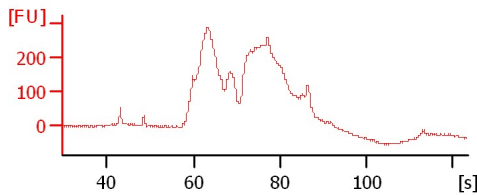
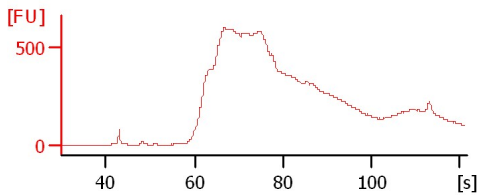
Chip Information:

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

P1 1/4

p2 1/4

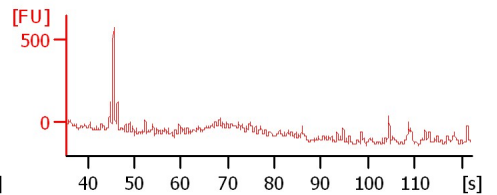
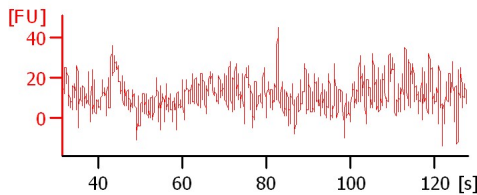
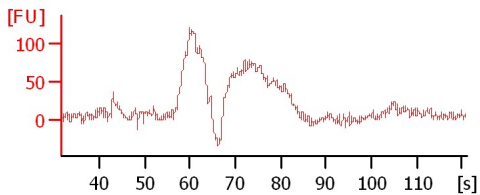
p3 1/4



p4 1/4

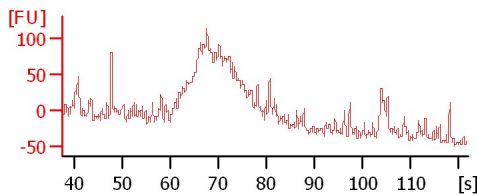
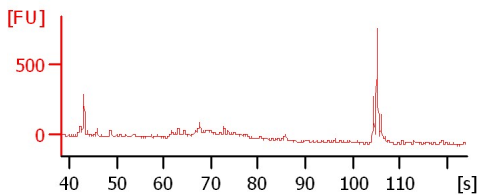
p1 1/10

p2 1/10



p3 1/10

p4 1/10



Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-11-01\2013-11-01_005.xad

Created: 11/1/2013 2:41:27 PM
Modified: 11/1/2013 3:19:50 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
P1 1/4		<input type="checkbox"/>	✓			
p2 1/4		<input type="checkbox"/>	✓			
p3 1/4		<input type="checkbox"/>	✓			
p4 1/4		<input type="checkbox"/>	✓			
p1 1/10		<input type="checkbox"/>	✓			
p2 1/10		<input type="checkbox"/>	✓			
p3 1/10		<input type="checkbox"/>	✓			
p4 1/10		<input type="checkbox"/>	✓			
sample 9		<input type="checkbox"/>				
sample 10		<input type="checkbox"/>				
sample 11		<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\2013-11-01\2013-11-01_005.xad

Created: 11/1/2013 2:41:27 PM
Modified: 11/1/2013 3:19:50 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

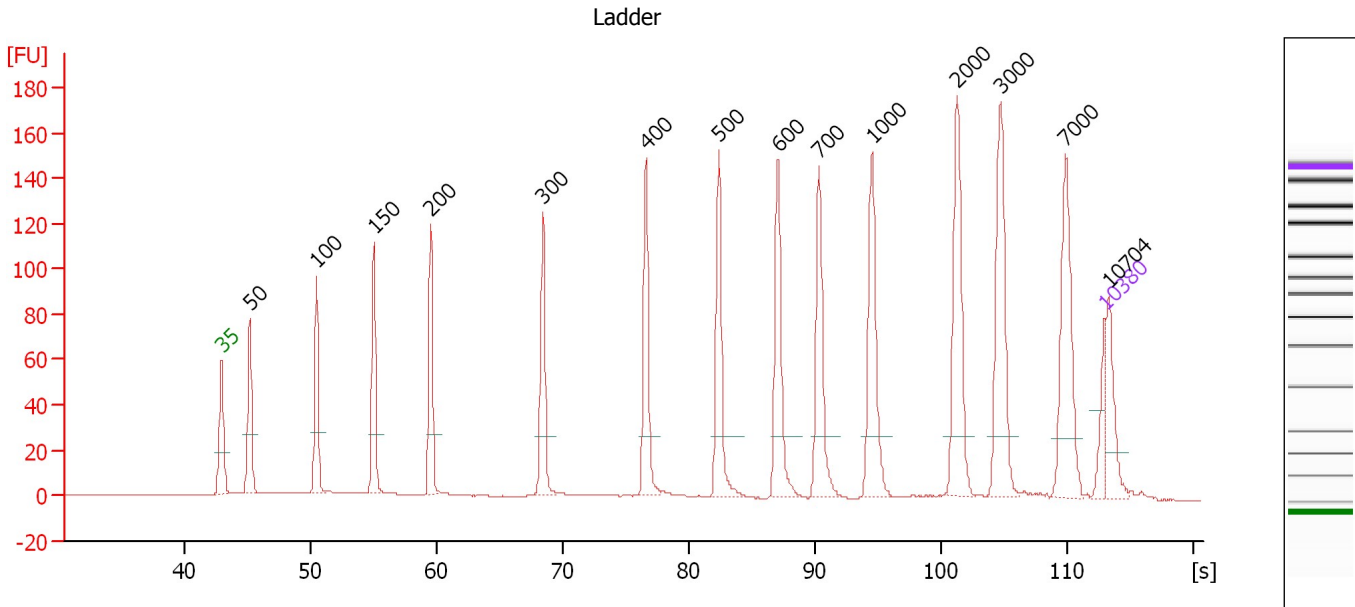
Ladder

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\2013-11-01\2013-11-01_005.xad

Created: 11/1/2013 2:41:27 PM
 Modified: 11/1/2013 3:19:50 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.1

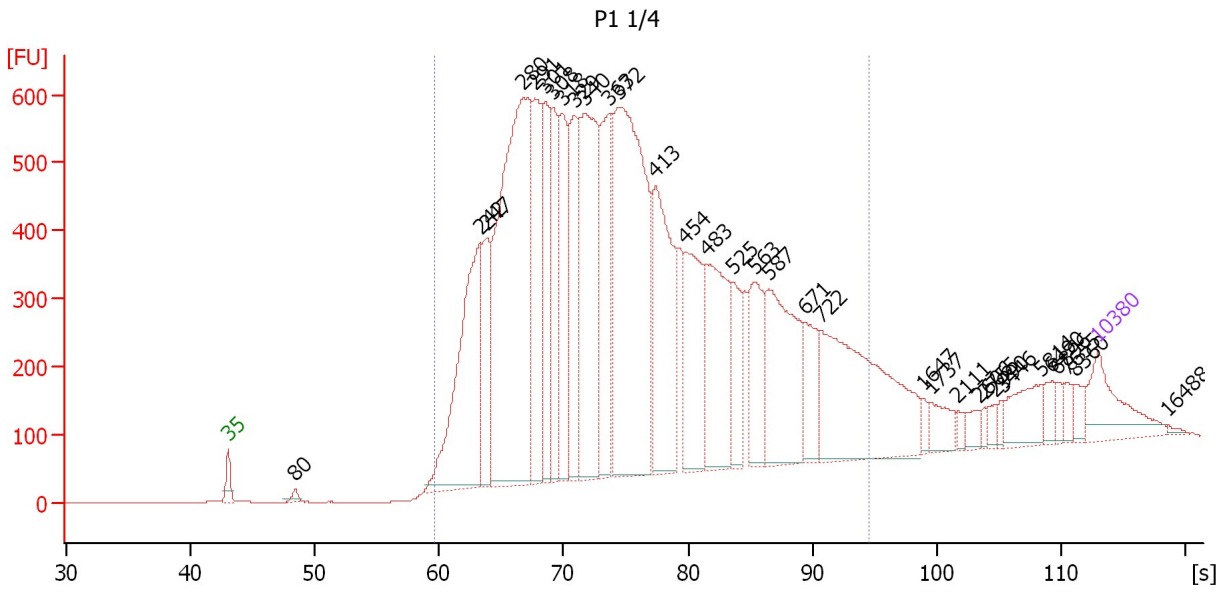
Peak table for Ladder

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
16	10,704	0.00	0.0	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-11-01\2013-11-01_005.xad

Created: 11/1/2013 2:41:27 PM
 Modified: 11/1/2013 3:19:50 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : P1 1/4

Number of peaks found: 33 Corr. Area 1: 16,443.6
 Noise: 0.2

Peak table for sample 1 : P1 1/4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	80	10.09	191.3	
3	242	455.31	2,855.4	
4	247	157.37	963.7	
5	280	879.75	4,753.0	
6	291	245.00	1,275.1	
7	301	186.49	939.0	
8	308	167.57	823.5	
9	318	217.67	1,037.7	
10	329	221.87	1,020.4	
11	340	399.53	1,780.3	
12	363	234.46	979.3	
13	372	661.23	2,691.2	
14	413	309.54	1,135.3	
15	454	218.25	728.2	
16	483	230.36	722.3	
17	525	79.63	229.6	
18	563	117.98	317.4	
19	587	240.80	621.3	
20	671	79.57	179.7	
21	722	373.32	783.2	
22	1,647	10.80	9.9	
23	1,737	35.08	30.6	
24	2,111	8.48	6.1	
25	2,606	15.46	9.0	
26	2,755	8.12	4.5	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-11-01\2013-11-01_005.xad


Created: 11/1/2013 2:41:27 PM
 Modified: 11/1/2013 3:19:50 PM

Electropherogram Summary Continued ...

... Peak table for sample 1 : P1 1/4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	2,990	9.70	4.9	
28	3,446	8.36	3.7	
29	5,814	56.47	14.7	
30	6,490	18.77	4.4	
31	6,896	11.72	2.6	
32	7,655	13.67	2.7	
33	8,360	16.47	3.0	
34	10,380	75.00	10.9	Upper Marker
35	16,488	0.00	0.0	

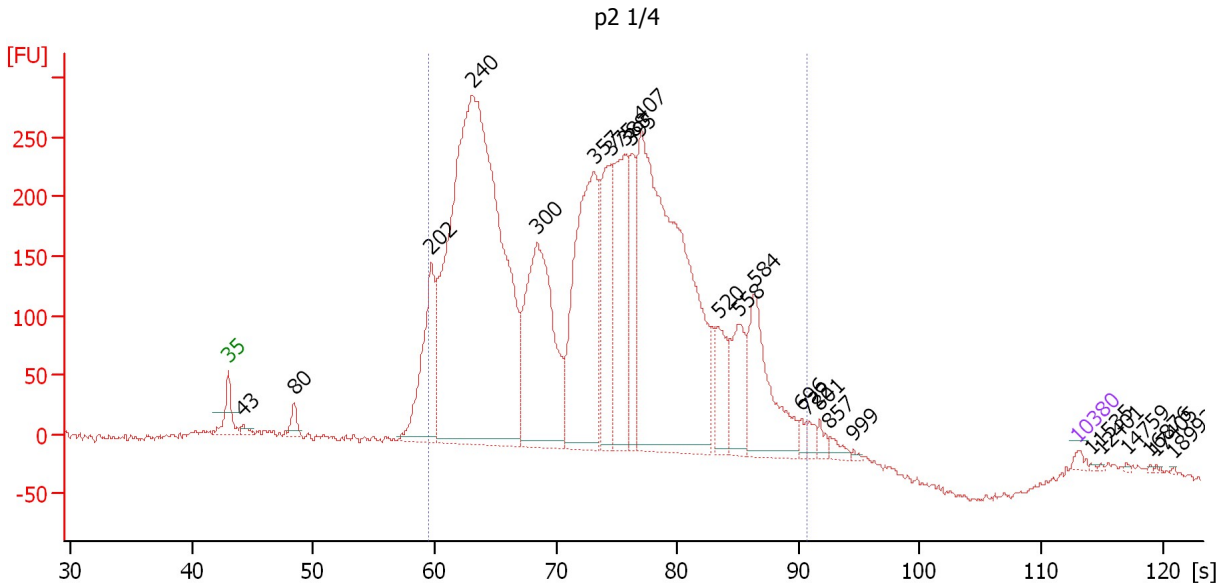
Region table for sample 1 : P1 1/4

From [s]	To [s]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area % of Total	Size distribution in CV [%]	Color
59.56	94.56	409	23,191.1	5,323.97	16,443.6 92	38.1	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-11-01\2013-11-01_005.xad

Created: 11/1/2013 2:41:27 PM
 Modified: 11/1/2013 3:19:50 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : p2 1/4

Number of peaks found: 24 Corr. Area 1: 7,321.9
 Noise: 2.5

Peak table for sample 2 : p2 1/4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	43	165.00	5,801.3	
3	80	388.91	7,335.5	
4	202	3,019.44	22,667.7	
5	240	20,962.69	132,279.0	
6	300	5,873.23	29,633.2	
7	357	5,787.53	24,554.0	
8	375	2,621.61	10,592.6	
9	388	3,199.48	12,494.7	
10	395	1,542.46	5,916.4	
11	407	11,474.18	42,664.6	
12	520	1,017.91	2,967.3	
13	558	1,271.99	3,456.6	
14	584	2,334.69	6,057.1	
15	696	154.96	337.4	
16	722	202.94	426.0	
17	801	178.92	338.6	
18	857	168.45	297.7	
19	999	35.96	54.5	
20	10,380	75.00	10.9	Upper Marker
21	11,535	0.00	0.0	
22	12,401	0.00	0.0	
23	14,759	0.00	0.0	
24	16,876	0.00	0.0	
25	17,405	0.00	0.0	
26	18,993	0.00	0.0	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-11-01\2013-11-01_005.xad

Created: 11/1/2013 2:41:27 PM
Modified: 11/1/2013 3:19:50 PM

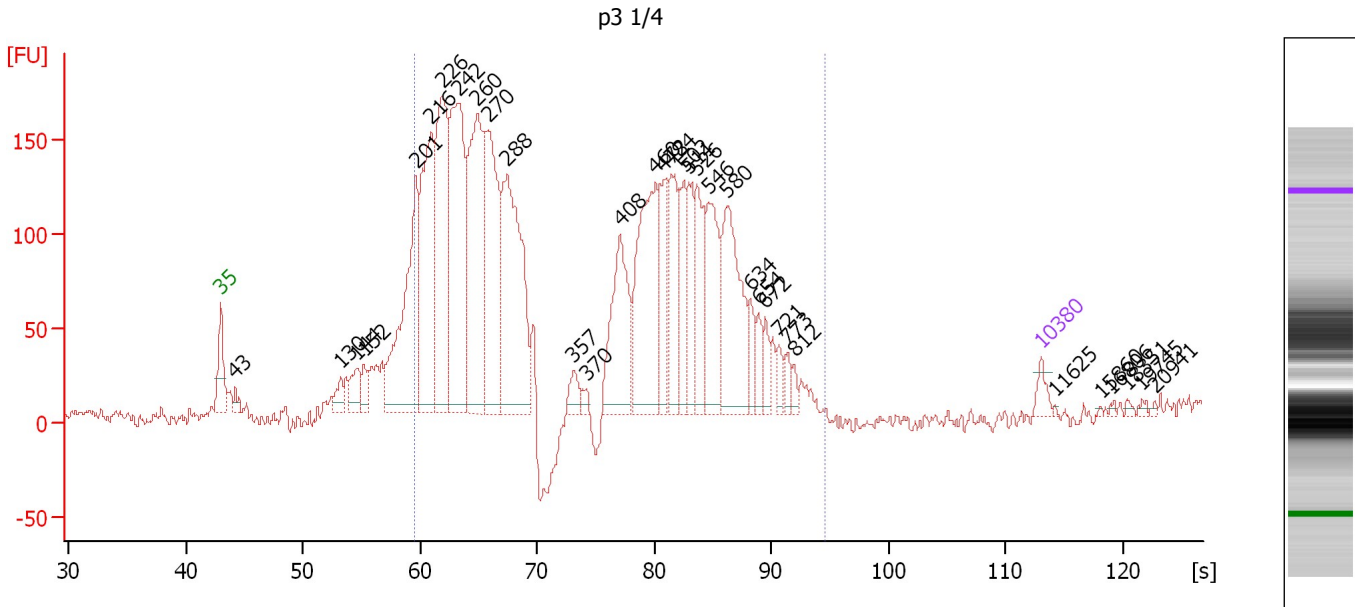
Electropherogram Summary Continued ...**... Region table for sample 2 : p2 1/4**

From [s]	To [s]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area % of Total	Size distribution in CV [%]	Co lor
59.56	90.64	368	280,630.3	59,258.37	7,321.9	92	30.9

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-11-01\2013-11-01_005.xad

Created: 11/1/2013 2:41:27 PM
 Modified: 11/1/2013 3:19:50 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : p3 1/4

Number of peaks found: 34 Corr. Area 1: 3,719.5
 Noise: 3.8

Peak table for sample 3 : p3 1/4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	43	79.49	2,776.4	
3	130	142.32	1,656.4	
4	144	236.67	2,483.3	
5	152	148.83	1,483.4	
6	201	1,704.89	12,835.0	
7	216	1,619.09	11,374.4	
8	226	1,651.26	11,046.7	
9	242	1,977.12	12,382.3	
10	260	1,745.05	10,171.4	
11	270	1,518.53	8,513.9	
12	288	1,841.36	9,678.5	
13	357	127.77	542.7	
14	370	53.07	217.2	
15	408	892.64	3,317.3	
16	460	1,285.37	4,234.5	
17	472	489.60	1,572.4	
18	484	611.98	1,917.2	
19	502	468.65	1,413.7	
20	511	403.39	1,195.9	
21	526	535.98	1,544.6	
22	546	675.43	1,873.3	
23	580	939.19	2,455.3	
24	634	168.41	402.4	
25	654	138.36	320.6	
26	672	134.57	303.3	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-11-01\2013-11-01_005.xad


Created: 11/1/2013 2:41:27 PM
 Modified: 11/1/2013 3:19:50 PM

Electropherogram Summary Continued ...

... Peak table for sample 3 : p3 1/4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	721	93.73	196.9	
28	773	86.58	169.6	
29	812	58.72	109.5	
30	10,380	75.00	10.9	Upper Marker
31	11,625	0.00	0.0	
32	15,860	0.00	0.0	
33	16,806	0.00	0.0	
34	18,351	0.00	0.0	
35	19,745	0.00	0.0	
36	20,941	0.00	0.0	

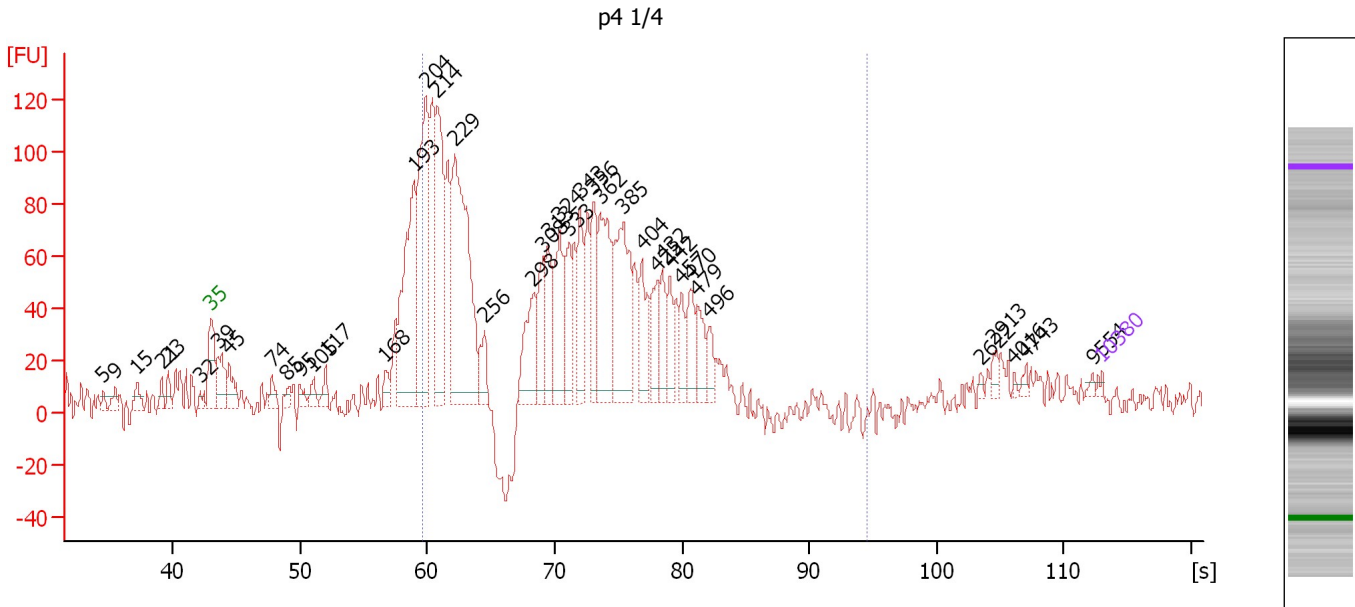
Region table for sample 3 : p3 1/4

From [s]	To [s]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area % of Total	Size distribution in CV [%]	Color	
59.56	94.56	389	86,161.8	17,801.17	3,719.5	90	39.2	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-11-01\2013-11-01_005.xad

Created: 11/1/2013 2:41:27 PM
 Modified: 11/1/2013 3:19:50 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : p4 1/4

Number of peaks found: 41 Corr. Area 1: 1,905.7
 Noise: 5.7

Peak table for sample 4 : p4 1/4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	5	0.00	0.0	
2	9	0.00	0.0	
3	15	0.00	0.0	
4	21	0.00	0.0	
5	23	0.00	0.0	
6	32	0.00	0.0	
7	35	125.00	5,411.3	Lower Marker
8	39	1,522.92	59,599.2	
9	45	1,094.96	37,098.8	
10	74	542.23	11,044.4	
11	85	374.05	6,629.6	
12	95	416.57	6,671.8	
13	105	503.21	7,239.2	
14	117	532.59	6,924.3	
15	168	528.54	4,768.0	
16	193	6,118.23	47,981.8	
17	204	6,567.34	48,889.0	
18	214	4,766.24	33,751.3	
19	229	8,819.26	58,316.8	
20	256	894.55	5,300.9	
21	298	2,301.59	11,688.0	
22	308	1,371.78	6,759.1	
23	313	1,856.13	8,994.6	
24	324	2,352.46	11,017.8	
25	333	1,608.78	7,324.4	
26	343	1,796.77	7,934.2	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-11-01\2013-11-01_005.xad


Created: 11/1/2013 2:41:27 PM
 Modified: 11/1/2013 3:19:50 PM

Electropherogram Summary Continued ...

... Peak table for sample 4 : p4 1/4

Peak	Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
27	356	1,727.93	7,353.7	
28	362	3,595.37	15,039.5	
29	385	3,934.18	15,485.8	
30	404	1,516.09	5,682.8	
31	425	1,233.10	4,392.5	
32	432	1,053.01	3,694.0	
33	442	901.44	3,089.3	
34	457	762.46	2,525.6	
35	470	1,098.43	3,542.6	
36	479	1,014.20	3,211.2	
37	496	624.28	1,906.9	
38	2,622	79.96	46.2	
39	2,913	218.66	113.7	
40	4,016	68.56	25.9	
41	4,743	121.88	38.9	
42	9,554	78.11	12.4	
43	▶ 10,380	75.00	10.9	Upper Marker

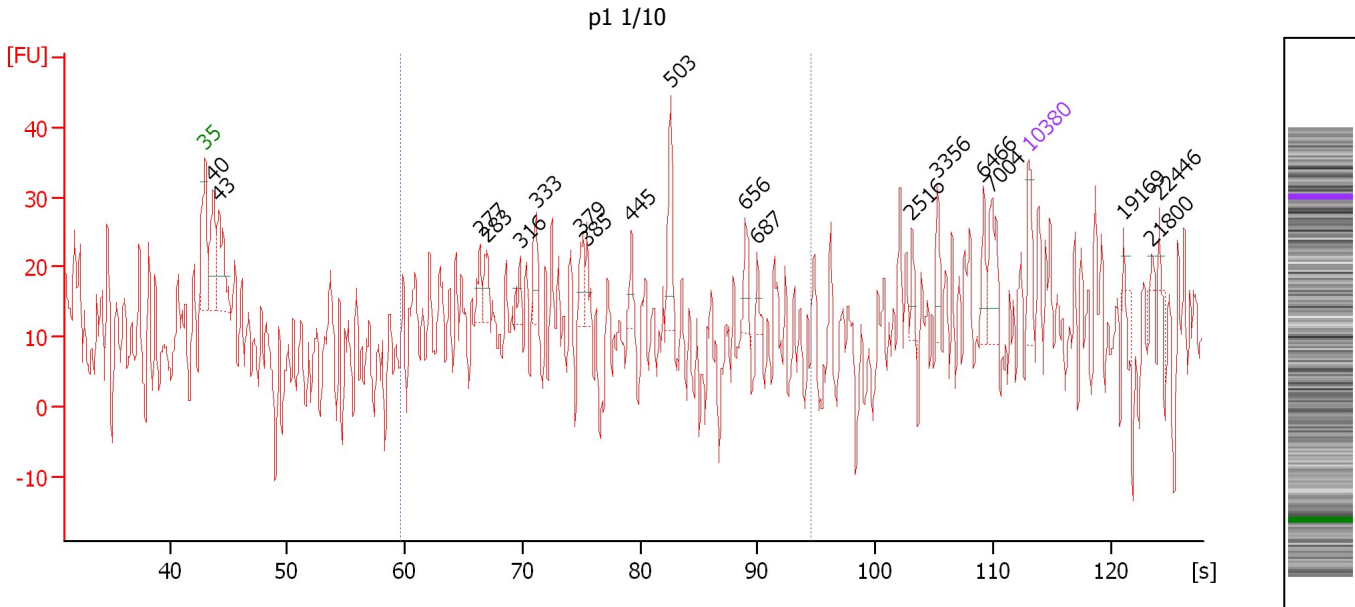
Region table for sample 4 : p4 1/4

From [s]	To [s]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/µl]	Corr. Area % of Total	Size distribution in CV [%]	Color
59.56	94.56	331	315,881.7	60,910.83	1,905.7	73	29.1 

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-11-01\2013-11-01_005.xad

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Electropherogram Summary Continued ...



Overall Results for sample 5 : p1 1/10

Number of peaks found: 19 Corr. Area 1: 18.4
 Noise: 11.6

Peak table for sample 5 : p1 1/10

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	40	276.26	10,559.3	
3	43	283.84	9,991.3	
4	277	73.49	402.6	
5	283	71.74	383.7	
6	316	47.92	229.5	
7	333	92.96	423.5	
8	379	70.91	283.5	
9	385	63.35	249.6	
10	445	55.65	189.4	
11	503	146.73	441.6	
12	656	66.57	153.7	
13	687	32.04	70.6	
14	2,516	34.64	20.9	
15	3,356	46.97	21.2	
16	6,466	55.61	13.0	
17	7,004	96.03	20.8	
18	10,380	75.00	10.9	Upper Marker
19	19,169	0.00	0.0	
20	21,800	0.00	0.0	
21	22,446	0.00	0.0	

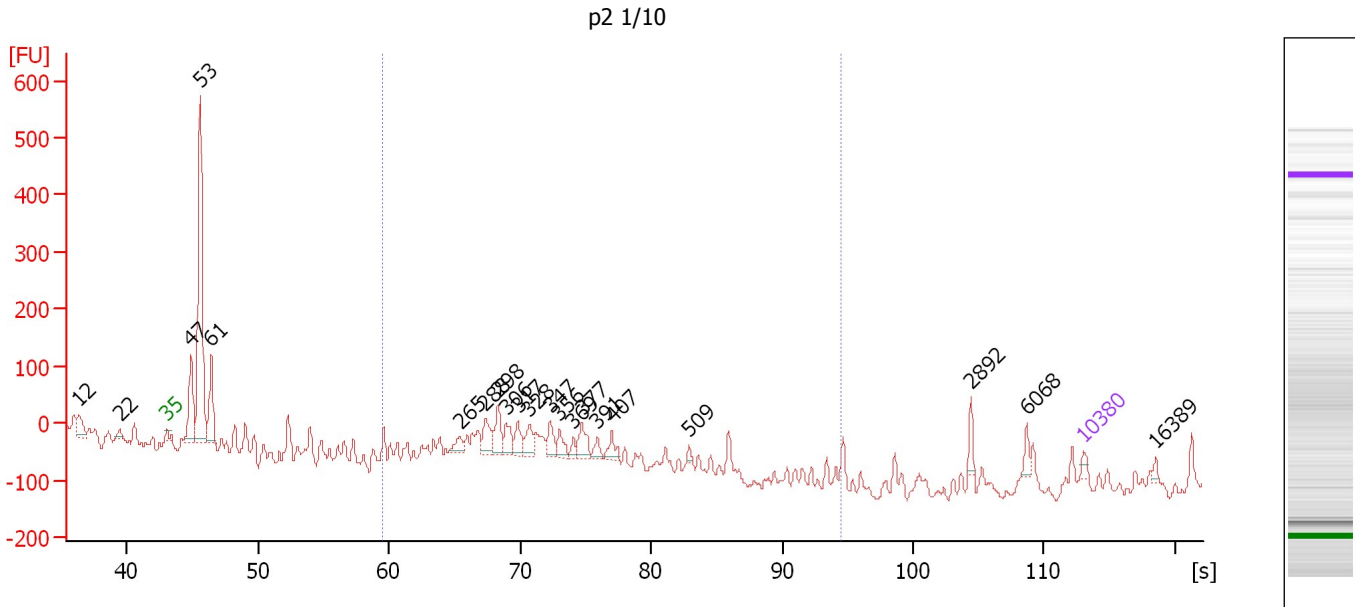
Region table for sample 5 : p1 1/10

From [s]	To [s]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area % of Total	Size distribution in CV [%]	Color
59.56	94.56	485	543.6	162.39	18.4	28	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-11-01\2013-11-01_005.xad

Created: 11/1/2013 2:41:27 PM
 Modified: 11/1/2013 3:19:50 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : p2 1/10

Number of peaks found: 21 Corr. Area 1: 285.4
 Noise: 15.3

Peak table for sample 6 : p2 1/10

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	12	0.00	0.0	
2	22	0.00	0.0	
3	35	125.00	5,411.3	Lower Marker
4	47	1,130.85	36,087.0	
5	53	4,208.03	119,335.7	
6	61	990.11	24,545.3	
7	265	207.47	1,184.0	
8	288	413.52	2,178.7	
9	298	401.10	2,038.3	
10	306	307.38	1,522.0	
11	317	284.92	1,363.9	
12	328	285.69	1,321.6	
13	347	268.53	1,174.0	
14	356	214.84	915.5	
15	369	92.03	378.3	
16	377	327.51	1,317.6	
17	391	134.31	520.3	
18	407	197.60	736.4	
19	509	54.20	161.2	
20	2,892	149.15	78.2	
21	6,068	130.02	32.5	
22	10,380	75.00	10.9	Upper Marker
23	16,389	0.00	0.0	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-11-01\2013-11-01_005.xad

Created: 11/1/2013 2:41:27 PM
Modified: 11/1/2013 3:19:50 PM

Electropherogram Summary Continued ...

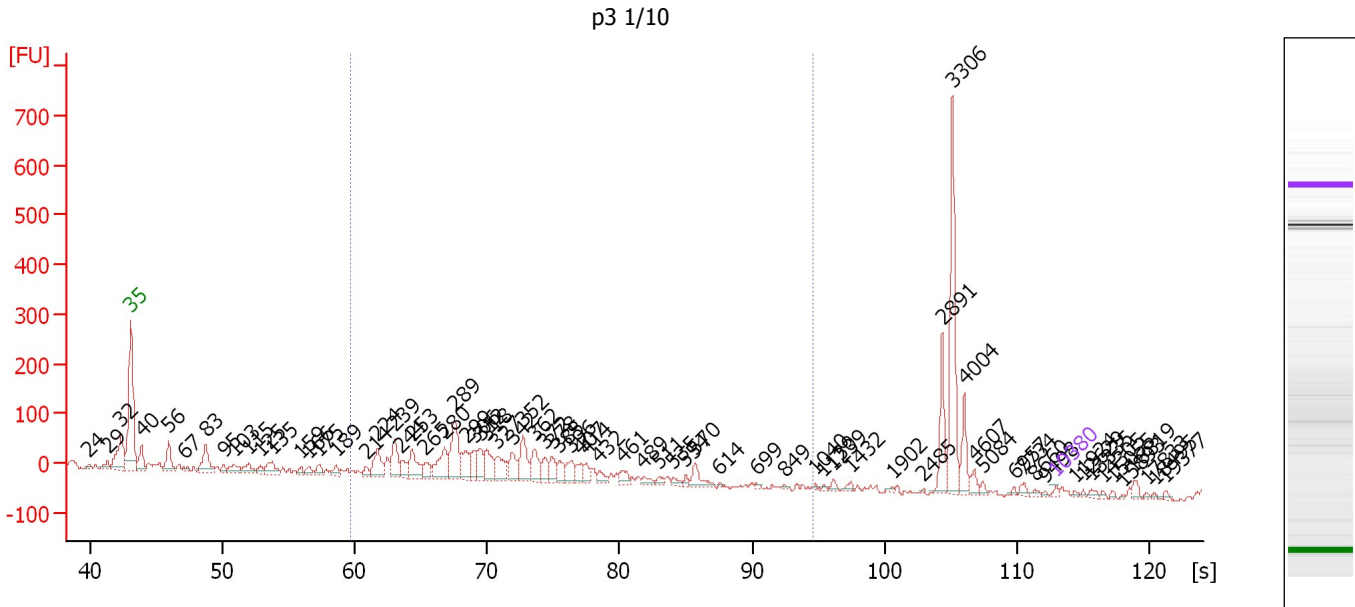
... Region table for sample 6 : p2 1/10

From [s]	To [s]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area % of Total	Size distribution in CV [%]	Color
59.56	94.56	341	6,858.5	1,479.30	285.4	25	22.8

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-11-01\2013-11-01_005.xad

Created: 11/1/2013 2:41:27 PM
 Modified: 11/1/2013 3:19:50 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : p3 1/10

Number of peaks found: 73 Corr. Area 1: 1,167.7
 Noise: 6.1

Peak table for sample 7 : p3 1/10

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	24	0.00	0.0	
2	29	0.00	0.0	
3	32	0.00	0.0	
4	35	125.00	5,411.3	Lower Marker
5	40	927.88	34,717.4	
6	56	1,093.18	29,445.6	
7	67	213.43	4,832.4	
8	83	1,320.35	24,237.2	
9	95	240.23	3,826.9	
10	103	526.88	7,733.8	
11	115	604.29	7,937.3	
12	125	228.15	2,760.2	
13	135	733.10	8,247.9	
14	159	188.11	1,793.3	
15	166	273.82	2,504.2	
16	175	341.45	2,962.0	
17	189	294.30	2,364.5	
18	214	246.34	1,744.6	
19	224	990.21	6,712.4	
20	239	1,044.47	6,633.9	
21	244	469.39	2,914.5	
22	253	978.19	5,854.9	
23	265	501.23	2,870.9	
24	280	1,157.40	6,252.2	
25	289	1,807.97	9,474.1	
26	299	762.02	3,859.3	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-11-01\2013-11-01_005.xad


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Electropherogram Summary Continued ...

... Peak table for sample 7 : p3 1/10

Peak	Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
27	306	633.59	3,136.8	
28	312	656.14	3,186.4	
29	318	875.35	4,171.4	
30	327	841.08	3,892.7	
31	342	707.15	3,135.1	
32	352	1,044.01	4,498.0	
33	362	761.94	3,188.2	
34	372	480.23	1,955.9	
35	378	477.69	1,912.4	
36	385	417.71	1,642.1	
37	396	520.06	1,988.2	
38	407	378.37	1,409.5	
39	414	301.73	1,103.1	
40	432	253.91	890.7	
41	461	309.49	1,016.4	
42	489	200.42	620.5	
43	511	147.71	437.9	
44	535	147.22	416.7	
45	554	113.65	310.6	
46	570	457.21	1,215.4	
47	614	40.79	100.6	
48	699	42.67	92.4	
49	849	46.23	82.5	
50	1,040	44.13	64.3	
51	1,130	38.19	51.2	
52	1,239	98.26	120.2	
53	1,432	91.45	96.8	
54	1,902	42.43	33.8	
55	2,485	18.37	11.2	
56	2,891	1,050.42	550.5	
57	3,306	2,785.74	1,276.9	
58	4,004	678.33	256.7	
59	4,607	219.83	72.3	
60	5,084	93.18	27.8	
61	6,957	45.70	10.0	
62	7,734	120.27	23.6	
63	8,660	66.82	11.7	
64	9,498	32.67	5.2	
65	10,380	75.00	10.9	Upper Marker
66	11,924	0.00	0.0	
67	12,629	0.00	0.0	
68	13,335	0.00	0.0	
69	14,305	0.00	0.0	
70	15,055	0.00	0.0	
71	15,893	0.00	0.0	
72	16,819	0.00	0.0	
73	17,833	0.00	0.0	
74	18,495	0.00	0.0	
75	19,377	0.00	0.0	

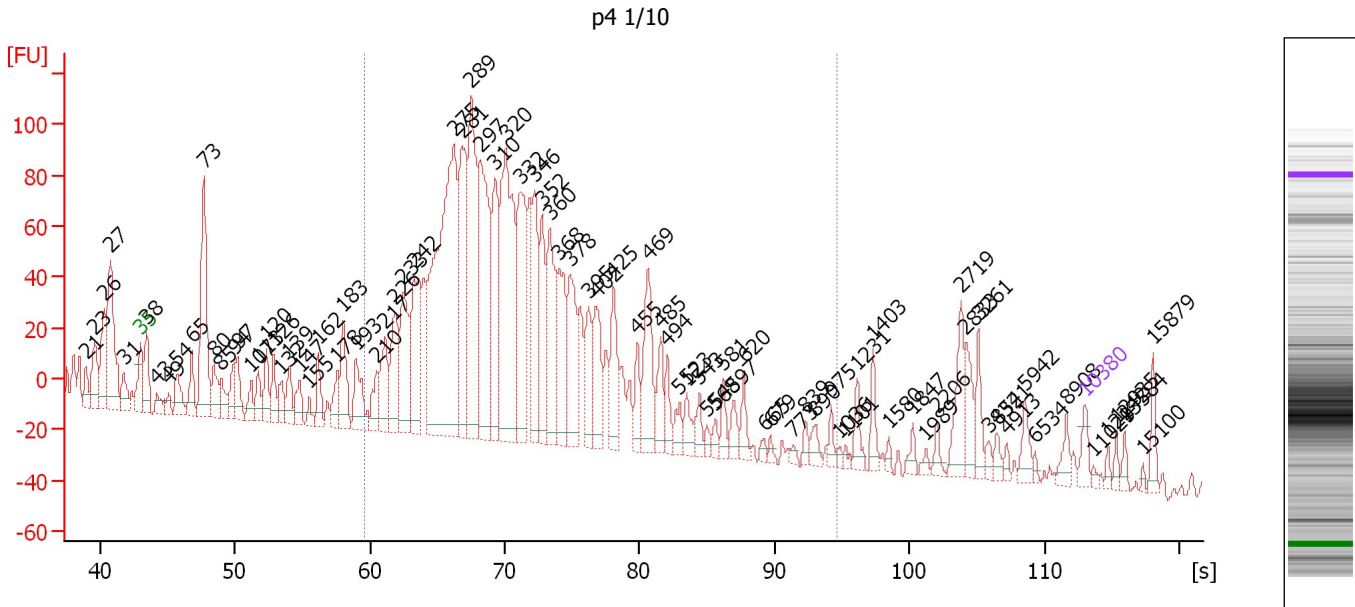
Region table for sample 7 : p3 1/10

From [s]	To [s]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/µl]	Corr. Area % of Total	Size distribution in CV [%]	Color	
59.56	94.56	330	67,663.9	13,840.29	1,167.7	55	22.3	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-11-01\2013-11-01_005.xad

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Electropherogram Summary Continued ...



Overall Results for sample 8 : p4 1/10

Number of peaks found: 88 Corr. Area 1: 2,093.4
 Noise: 5.8

Peak table for sample 8 : p4 1/10

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	21	0.00	0.0	
2	23	0.00	0.0	
3	26	0.00	0.0	
4	27	0.00	0.0	
5	31	0.00	0.0	
6	35	125.00	5,411.3	Lower Marker
7	38	334.98	13,367.8	
8	43	106.36	3,739.8	
9	49	73.50	2,271.5	
10	54	211.59	5,908.3	
11	65	219.35	5,134.0	
12	73	1,054.95	21,794.7	
13	80	245.52	4,645.9	
14	85	163.84	2,910.0	
15	94	188.02	3,021.4	
16	97	215.27	3,365.8	
17	107	136.77	1,930.0	
18	113	171.18	2,293.0	
19	120	217.03	2,746.5	
20	126	179.78	2,163.5	
21	132	146.99	1,686.1	
22	139	179.24	1,958.1	
23	147	155.45	1,601.4	
24	155	65.55	640.7	
25	162	173.21	1,619.2	
26	178	163.73	1,394.0	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-11-01\2013-11-01_005.xad

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Electropherogram Summary Continued ...

... Peak table for sample 8 : p4 1/10

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	183	326.45	2,705.6	
28	193	297.22	2,328.6	
29	210	164.47	1,185.0	
30	217	313.94	2,187.3	
31	226	390.75	2,620.1	
32	233	551.55	3,591.6	
33	242	596.20	3,731.7	
34	275	2,371.43	13,057.1	
35	281	875.79	4,714.8	
36	289	1,091.44	5,712.3	
37	297	1,132.13	5,773.5	
38	310	586.27	2,865.5	
39	320	1,386.55	6,570.4	
40	332	775.04	3,532.7	
41	346	506.51	2,220.9	
42	352	407.51	1,752.2	
43	360	596.51	2,512.8	
44	368	438.46	1,803.0	
45	378	445.18	1,783.5	
46	395	249.84	958.9	
47	402	329.51	1,241.3	
48	425	313.18	1,116.8	
49	455	148.29	493.6	
50	469	417.34	1,348.5	
51	485	185.14	578.7	
52	494	117.38	360.3	
53	512	92.49	273.8	
54	523	108.93	315.7	
55	543	83.95	234.2	
56	554	37.98	103.8	
57	568	47.20	126.0	
58	581	84.16	219.3	
59	597	88.47	224.6	
60	620	99.81	244.0	
61	665	29.50	67.2	
62	679	26.30	58.7	
63	773	23.66	46.3	
64	839	45.72	82.6	
65	890	62.41	106.3	
66	975	53.50	83.2	
67	1,036	21.19	31.0	
68	1,101	20.76	28.6	
69	1,231	88.81	109.3	
70	1,403	96.35	104.1	
71	1,580	23.65	22.7	
72	1,847	42.03	34.5	
73	1,989	24.03	18.3	
74	2,206	43.16	29.6	
75	2,719	213.75	119.1	
76	2,833	142.11	76.0	
77	3,261	118.84	55.2	
78	3,854	31.26	12.3	
79	4,321	41.82	14.7	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-11-01\2013-11-01_005.xad

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Electropherogram Summary Continued ...

... Peak table for sample 8 : p4 1/10

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
80	4,913	27.68	8.5	
81	5,942	89.32	22.8	
82	6,534	16.63	3.9	
83	8,908	68.33	11.6	
84	10,380	75.00	10.9	Upper Marker
85	11,029	0.00	0.0	
86	12,242	0.00	0.0	
87	12,935	0.00	0.0	
88	13,584	0.00	0.0	
89	15,100	0.00	0.0	
90	15,879	0.00	0.0	

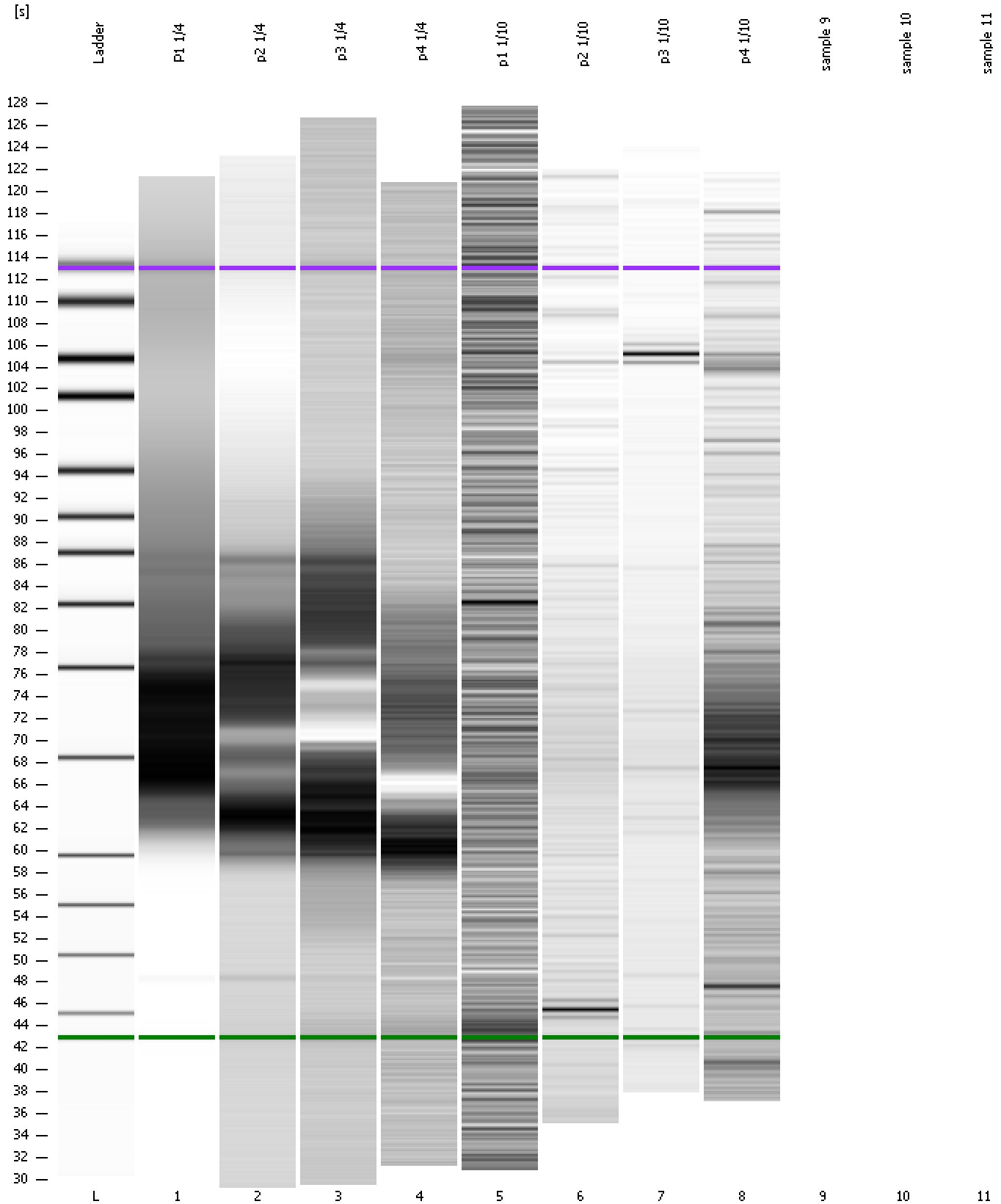
Region table for sample 8 : p4 1/10

From [s]	To [s]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area % of Total	Size distribution in CV [%]	Color
59.56	94.56	339	62,028.1	12,885.38	2,093.4 82	27.3	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-11-01\2013-11-01_005.xad

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Gel Image



Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-11-01\2013-11-01_005.xad

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Modified: 11/1/2013 3:19:50 PM

Invalid Samples

Sample 9 has not been run, no results available.

Sample 10 has not been run, no results available.

Sample 11 has not been run, no results available.