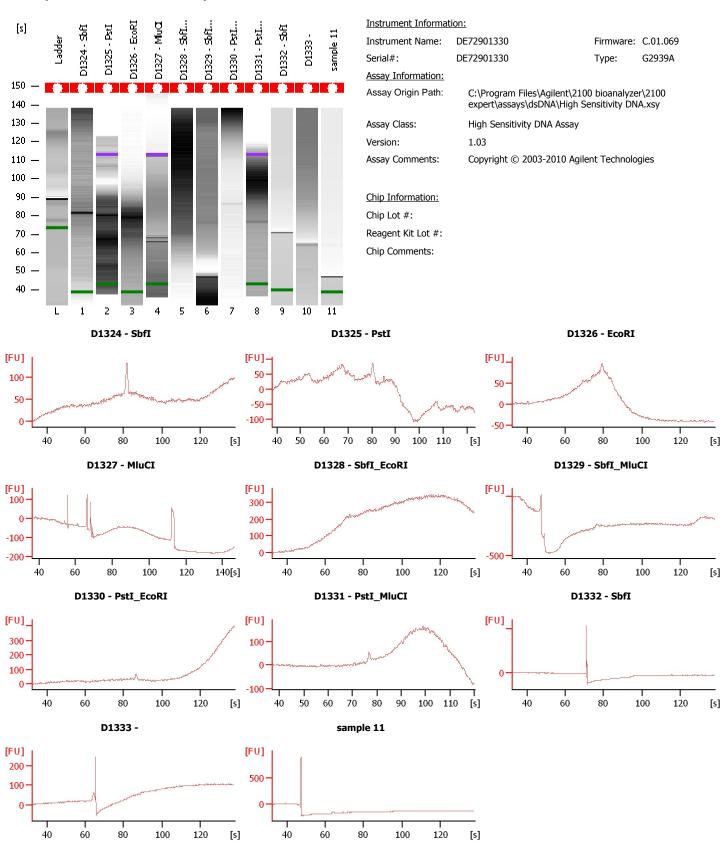
Assay Class: High Sensitivity DNA Assay Created: 11/12/2014 4:43:54 PM Data Path: C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad Created: 11/12/2014 5:26:53 PM

Electrophoresis File Run Summary



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Printed: 11/12/2014 5:40:27 PM

Assay Class: High Sensitivity DNA Assay C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad Modified: 11/12/2014 5:26:53 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Statu Observation s	Result Label Result Color
D1324 - SbfI			✓	
D1325 - PstI			✓	
D1326 - EcoRI			✓	
D1327 - MluCI			✓	
D1328 - SbfI_EcoRI			✓	
D1329 - SbfI_MluCI			✓	
D1330 - PstI_EcoRI			✓	
D1331 - PstI_MluCI			✓	
D1332 - SbfI			✓	
D1333 -			✓	
sample 11			✓	
Ladder			~	
Chip Lot #				Reagent Kit Lot #

Chip Comments:

Assay Class: High Sensitivity DNA Assay Created: 11/12/2014 4:43:54 PM Data Path: C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad Created: 11/12/2014 5:26:53 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

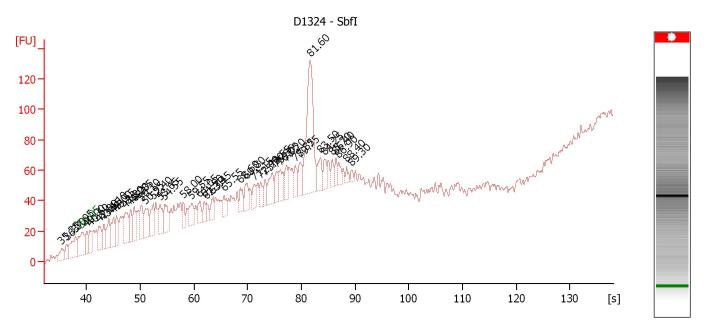
Filter Width [s]: 0.5 Polynomial Order: 4

Ladder

Size	Area
35	160
50	210
100	208
150	221
200	242
300	270
400	305
500	306
600	336
700	321
1000	366
2000	413
3000	411
7000	400
10380	214
	35 50 100 150 200 300 400 500 600 700 1000 2000 3000 7000

Assay Class: High Sensitivity DNA Assay C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad Modified: 11/12/2014 5:26:53 PM

Electropherogram Summary



Overall Results for sample 1: <u>D1324 - SbfI</u>

Number of peaks found: 44 Noise: 3.1

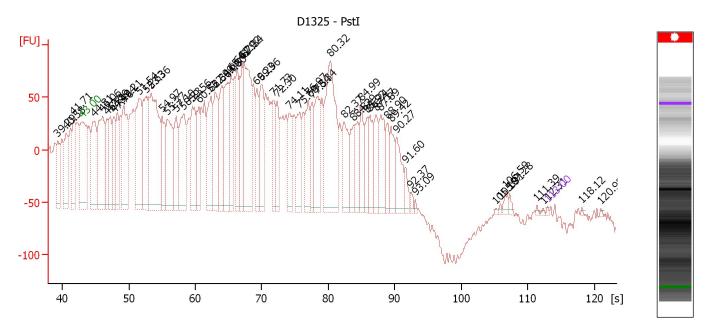
Peak table	for sample 1:	D1324 - SbfI		
Peak	Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
1	0	0.00	0.0	
2	0	0.00	0.0	
3	0	0.00	0.0	
4	0	0.00	0.0	Lower Marker
5	0	0.00	0.0	
6	0	0.00	0.0	
7	0	0.00	0.0	
8	0	0.00	0.0	
9	0	0.00	0.0	
10	0	0.00	0.0	
11	0	0.00	0.0	
12	0	0.00	0.0	
13	0	0.00	0.0	
14	0	0.00	0.0	
15	0	0.00	0.0	
16	0	0.00	0.0	
17	0	0.00	0.0	
18	0	0.00	0.0	
19	0	0.00	0.0	
20	0	0.00	0.0	
21	0	0.00	0.0	
22	0	0.00	0.0	
23	0	0.00	0.0	
24	0	0.00	0.0	
25	0	0.00	0.0	
26	0	0.00	0.0	
27	0	0.00	0.0	

Assay Class: High Sensitivity DNA Assay C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad Modified: 11/12/2014 5:26:53 PM

Peak tab	le for sample 1	: <u>D1324 - SbfI</u>	1	
Peak	Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
28	0	0.00	0.0	
29	0	0.00	0.0	
30	0	0.00	0.0	
31	0	0.00	0.0	
32	0	0.00	0.0	
33	0	0.00	0.0	
34	0	0.00	0.0	
35	0	0.00	0.0	
36	0	0.00	0.0	
37	0	0.00	0.0	
38	0	0.00	0.0	
39	0	0.00	0.0	
40	0	0.00	0.0	
41	0	0.00	0.0	
42	0	0.00	0.0	
43	0	0.00	0.0	
44	0	0.00	0.0	
45	0	0.00	0.0	

Assay Class: High Sensitivity DNA Assay C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad C:\...gh Sensitivity DNA A

Electropherogram Summary Continued ...



Overall Results for sample 2 : <u>D1325 - PstI</u>

Number of peaks found: 59 Noise: 4.5

Peak table	for sample 2:	D1325 - PstI		
Peak	Size [bp]	Conc. [pg/µl]	Molarity [pmol/I]	Observations
1	0	0.00	0.0	
2	0	0.00	0.0	
3	0	0.00	0.0	
4	0	0.00	0.0	Lower Marker
5	0	0.00	0.0	
6	0	0.00	0.0	
7	0	0.00	0.0	
8	0	0.00	0.0	
9	0	0.00	0.0	
10	0	0.00	0.0	
11	0	0.00	0.0	
12	0	0.00	0.0	
13	0	0.00	0.0	
14	0	0.00	0.0	
15	0	0.00	0.0	
16	0	0.00	0.0	
17	0	0.00	0.0	
18	0	0.00	0.0	
19	0	0.00	0.0	
20	0	0.00	0.0	
21	0	0.00	0.0	
22	0	0.00	0.0	
23	0	0.00	0.0	
24	0	0.00	0.0	
25	0	0.00	0.0	
26	0	0.00	0.0	
27	0	0.00	0.0	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad

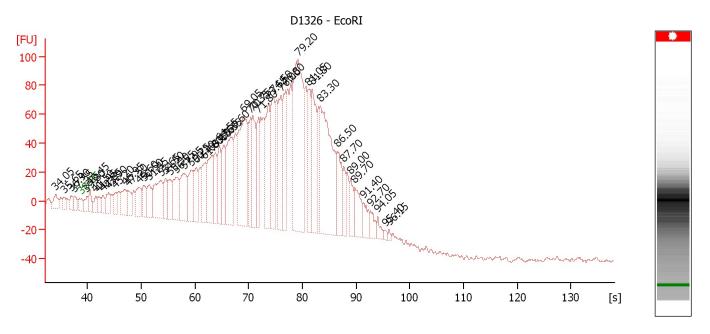
Created: 11/12/2014 4:43:54 PM Modified: 11/12/2014 5:26:53 PM

Printed: 11/12/2014 5:40:27 PM

Peak t	able for sample	2 : <u>D1325 - Ps</u>	<u>tI</u>	
Peak	Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
28	0	0.00	0.0	
29	0	0.00	0.0	
30	0	0.00	0.0	
31	0	0.00	0.0	
32	0	0.00	0.0	
33	0	0.00	0.0	
34	0	0.00	0.0	
35	0	0.00	0.0	
36	0	0.00	0.0	
37	0	0.00	0.0	
38	0	0.00	0.0	
39	0	0.00	0.0	
40	0	0.00	0.0	
41	0	0.00	0.0	
42	0	0.00	0.0	
43	0	0.00	0.0	
44	0	0.00	0.0	
45	0	0.00	0.0	
46	0	0.00	0.0	
47	0	0.00	0.0	
48	0	0.00	0.0	
49	0	0.00	0.0	
50	0	0.00	0.0	
51	0	0.00	0.0	
52	0	0.00	0.0	
53	0	0.00	0.0	
54	0	0.00	0.0	
55	0	0.00	0.0	
56	0	0.00	0.0	
57	0	0.00	0.0	
58	0	0.00	0.0	
59	0	0.00	0.0	Upper Marker
60	0	0.00	0.0	
61	0	0.00	0.0	

Assay Class: High Sensitivity DNA Assay C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad C:\...gh Sensitivity DNA A

Electropherogram Summary Continued ...



Overall Results for sample 3: <u>D1326 - EcoRI</u>

Number of peaks found: 50 Noise: 1.3

Peak table	for sample 3:	D1326 - EcoRI		
Peak	Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
1	0	0.00	0.0	
2	0	0.00	0.0	
3	0	0.00	0.0	
4	0	0.00	0.0	
5	0	0.00	0.0	Lower Marker
6	0	0.00	0.0	
7	0	0.00	0.0	
8	0	0.00	0.0	
9	0	0.00	0.0	
10	0	0.00	0.0	
11	0	0.00	0.0	
12	0	0.00	0.0	
13	0	0.00	0.0	
14	0	0.00	0.0	
15	0	0.00	0.0	
16	0	0.00	0.0	
17	0	0.00	0.0	
18	0	0.00	0.0	
19	0	0.00	0.0	
20	0	0.00	0.0	
21	0	0.00	0.0	
22	0	0.00	0.0	
23	0	0.00	0.0	
24	0	0.00	0.0	
25	0	0.00	0.0	
26	0	0.00	0.0	
27	0	0.00	0.0	

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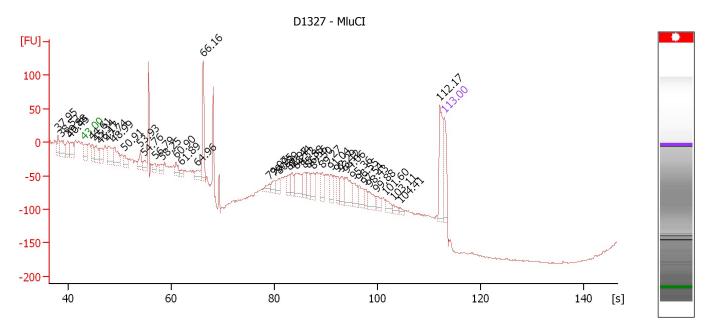
Printed: 11/12/2014 5:40:27 PM

Assay Class: High Sensitivity DNA Assay C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad Modified: 11/12/2014 5:26:53 PM

Peak tal	ole for sample 3	: <u>D1326 - Ecol</u>	<u>RI</u>	
Peak	Size [bp]	Conc. [pg/µl]	Molarity [pmol/I]	Observations
28	0	0.00	0.0	
29	0	0.00	0.0	
30	0	0.00	0.0	
31	0	0.00	0.0	
32	0	0.00	0.0	
33	0	0.00	0.0	
34	0	0.00	0.0	
35	0	0.00	0.0	
36	0	0.00	0.0	
37	0	0.00	0.0	
38	0	0.00	0.0	
39	0	0.00	0.0	
40	0	0.00	0.0	
41	0	0.00	0.0	
42	0	0.00	0.0	
43	0	0.00	0.0	
44	0	0.00	0.0	
45	0	0.00	0.0	
46	0	0.00	0.0	
47	0	0.00	0.0	
48	0	0.00	0.0	
49	0	0.00	0.0	
50	0	0.00	0.0	
51	0	0.00	0.0	

Assay Class: High Sensitivity DNA Assay Created: 11/12/2014 4:43:54 PM Data Path: C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad Created: 11/12/2014 5:26:53 PM

Electropherogram Summary Continued ...



Overall Results for sample 4: <u>D1327 - MluCI</u>

Number of peaks found: 41 Noise: 0.7

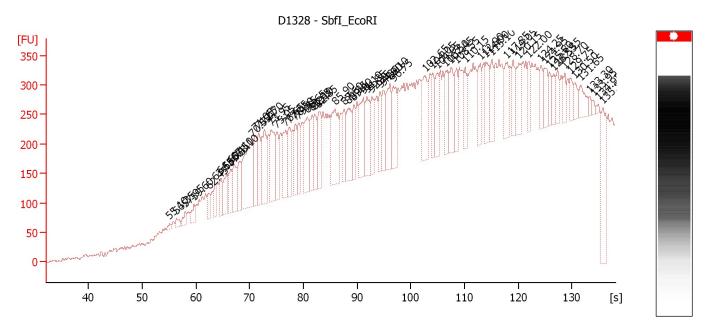
Peak table	for sample 4:	D1327 - MluCI		
Peak	Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
1	0	0.00	0.0	
2	0	0.00	0.0	
3	0	0.00	0.0	
4	0	0.00	0.0	
5	0	0.00	0.0	Lower Marker
6	0	0.00	0.0	
7	0	0.00	0.0	
8	0	0.00	0.0	
9	0	0.00	0.0	
10	0	0.00	0.0	
11	0	0.00	0.0	
12	0	0.00	0.0	
13	0	0.00	0.0	
14	0	0.00	0.0	
15	0	0.00	0.0	
16	0	0.00	0.0	
17	0	0.00	0.0	
18	0	0.00	0.0	
19	0	0.00	0.0	
20	0	0.00	0.0	
21	0	0.00	0.0	
22	0	0.00	0.0	
23	0	0.00	0.0	
24	0	0.00	0.0	
25	0	0.00	0.0	
26	0	0.00	0.0	
27	0	0.00	0.0	

Assay Class: High Sensitivity DNA Assay C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad Modified: 11/12/2014 5:26:53 PM

Peak	table for sample	4 : <u>D1327 - I</u>	<u>MluCI</u>	
Peak	Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
28	0	0.00	0.0	
29	0	0.00	0.0	
30	0	0.00	0.0	
31	0	0.00	0.0	
32	0	0.00	0.0	
33	0	0.00	0.0	
34	0	0.00	0.0	
35	0	0.00	0.0	
36	0	0.00	0.0	
37	0	0.00	0.0	
38	0	0.00	0.0	
39	0	0.00	0.0	
40	0	0.00	0.0	
41	0	0.00	0.0	
42	0	0.00	0.0	
43) 0	0.00	0.0	Upper Marker

Assay Class: High Sensitivity DNA Assay C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad C:\...gh Sensitivity DNA A

Electropherogram Summary Continued ...



Overall Results for sample 5 : <u>D1328 - SbfI_EcoRI</u>

Number of peaks found: 0 Noise: 2.1

Peak table	for sample 5:	D1328 - SbfI Eco	<u>ori</u>	
Peak	Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
1	0	0.00	0.0	
2	0	0.00	0.0	
3	0	0.00	0.0	
4	0	0.00	0.0	
5	0	0.00	0.0	
6	0	0.00	0.0	
7	0	0.00	0.0	
8	0	0.00	0.0	
9	0	0.00	0.0	
10	0	0.00	0.0	
11	0	0.00	0.0	
12	0	0.00	0.0	
13	0	0.00	0.0	
14	0	0.00	0.0	
15	0	0.00	0.0	
16	0	0.00	0.0	
17	0	0.00	0.0	
18	0	0.00	0.0	
19	0	0.00	0.0	
20	0	0.00	0.0	
21	0	0.00	0.0	
22	0	0.00	0.0	
23	0	0.00	0.0	
24	0	0.00	0.0	
25	0	0.00	0.0	
26	0	0.00	0.0	
27	0	0.00	0.0	

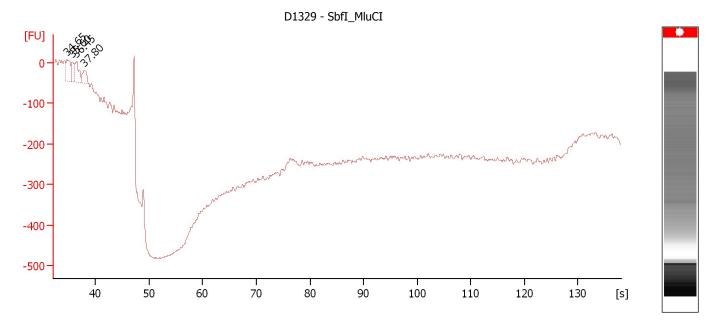
Assay Class: Data Path: High Sensitivity DNA Assay C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad Created: Modified:

11/12/2014 4:43:54 PM 11/12/2014 5:26:53 PM

Peak tab	le for sample 5	: <u>D1328 - SbfI</u>	EcoRI	
Peak	Size [bp]	Conc. [pg/µl]	Molarity [pmol/I]	Observations
28	0	0.00	0.0	
29	0	0.00	0.0	
30	0	0.00	0.0	
31	0	0.00	0.0	
32	0	0.00	0.0	
33	0	0.00	0.0	
34	0	0.00	0.0	
35	0	0.00	0.0	
36	0	0.00	0.0	
37	0	0.00	0.0	
38	0	0.00	0.0	
39	0	0.00	0.0	
40	0	0.00	0.0	
41	0	0.00	0.0	
42	0	0.00	0.0	
43	0	0.00	0.0	
44	0	0.00	0.0	
45	0	0.00	0.0	
46	0	0.00	0.0	
47	0	0.00	0.0	
48	0	0.00	0.0	
49	0	0.00	0.0	
50	0	0.00	0.0	
51	0	0.00	0.0	
52	0	0.00	0.0	
53	0	0.00	0.0	
54	0	0.00	0.0	
55	0	0.00	0.0	
56	0	0.00	0.0	
57	0	0.00	0.0	
58	0	0.00	0.0	
59	0	0.00	0.0	
60	0	0.00	0.0	
61	0	0.00	0.0	
62	0	0.00	0.0	
63	0	0.00	0.0	

Assay Class: High Sensitivity DNA Assay C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad C:\...gh Sensitivity DNA A

Electropherogram Summary Continued ...



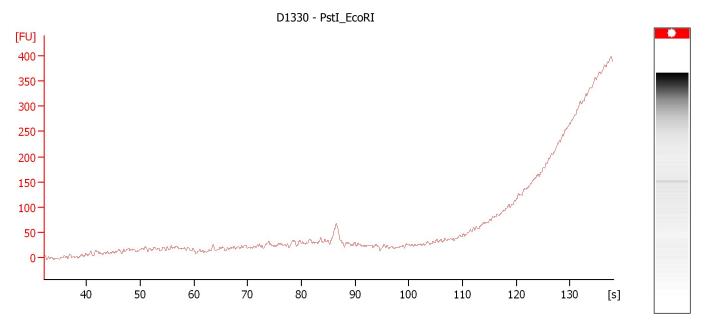
Overall Results for sample 6 : <u>D1329 - SbfI_MluCI</u>

Number of peaks found: 0 Noise: 3.5

Peak table for sample 6:		D1329 - SbfI MluCI		
Peak	Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
1	0	0.00	0.0	
2	0	0.00	0.0	
3	0	0.00	0.0	
4	0	0.00	0.0	

Assay Class: High Sensitivity DNA Assay Created: 11/12/2014 4:43:54 PM Data Path: C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad Created: 11/12/2014 5:26:53 PM

Electropherogram Summary Continued ...

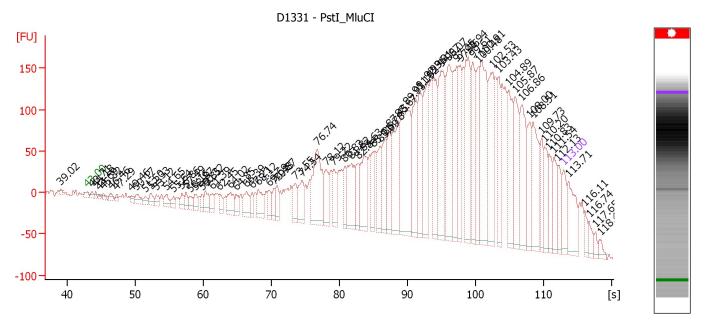


Overall Results for sample 7: <u>D1330 - PstI_EcoRI</u>

Noise: 3.0

Assay Class: High Sensitivity DNA Assay C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad C:\...gh Sensitivity DNA A

Electropherogram Summary Continued ...



Overall Results for sample 8 : <u>D1331 - PstI MluCI</u>

Number of peaks found: 74 Noise: 3.1

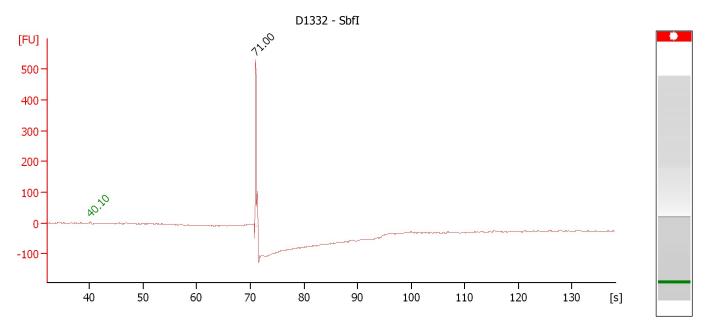
Peak table	for sample 8:	D1331 - PstI MluCI		
Peak	Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
1	0	0.00	0.0	
2	0	0.00	0.0	Lower Marker
3	0	0.00	0.0	
4	0	0.00	0.0	
5	0	0.00	0.0	
6	0	0.00	0.0	
7	0	0.00	0.0	
8	0	0.00	0.0	
9	0	0.00	0.0	
10	0	0.00	0.0	
11	0	0.00	0.0	
12	0	0.00	0.0	
13	0	0.00	0.0	
14	0	0.00	0.0	
15	0	0.00	0.0	
16	0	0.00	0.0	
17	0	0.00	0.0	
18	0	0.00	0.0	
19	0	0.00	0.0	
20	0	0.00	0.0	
21	0	0.00	0.0	
22	0	0.00	0.0	
23	0	0.00	0.0	
24	0	0.00	0.0	
25	0	0.00	0.0	
26	0	0.00	0.0	
27	0	0.00	0.0	

Assay Class: High Sensitivity DNA Assay C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad Modified: 11/12/2014 5:26:53 PM

Peak	tabl	e for sample 8	: <u>D1331 - PstI</u>	MluCI	
Peak		Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
28		0	0.00	0.0	
29		0	0.00	0.0	
30		0	0.00	0.0	
31		0	0.00	0.0	
32		0	0.00	0.0	
33		0	0.00	0.0	
34		0	0.00	0.0	
35		0	0.00	0.0	
36		0	0.00	0.0	
37		0	0.00	0.0	
38		0	0.00	0.0	
39		0	0.00	0.0	
40		0	0.00	0.0	
41		0	0.00	0.0	
42		0	0.00	0.0	
43		0	0.00	0.0	
44		0	0.00	0.0	
45		0	0.00	0.0	
46		0	0.00	0.0	
47		0	0.00	0.0	
48		0	0.00	0.0	
49		0	0.00	0.0	
50		0	0.00	0.0	
51		0	0.00	0.0	
52		0	0.00	0.0	
53		0	0.00	0.0	
54		0	0.00	0.0	
55		0	0.00	0.0	
56		0	0.00	0.0	
57		0	0.00	0.0	
58		0	0.00	0.0	
59		0	0.00	0.0	
60		0	0.00	0.0	
61		0	0.00	0.0	
62		0	0.00	0.0	
63		0	0.00	0.0	
64		0	0.00	0.0	
65		0	0.00	0.0	
66		0	0.00	0.0	
67		0	0.00	0.0	
68		0	0.00	0.0	
69		0	0.00	0.0	
70		0	0.00	0.0	
71		0	0.00	0.0	Upper Marker
72		0	0.00	0.0	opport intro
73		0	0.00	0.0	
74		0	0.00	0.0	
75 75		0	0.00	0.0	
76		0	0.00	0.0	
. •		•			

Assay Class: High Sensitivity DNA Assay C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad C:\...gh Sensitivity DNA A

Electropherogram Summary Continued ...



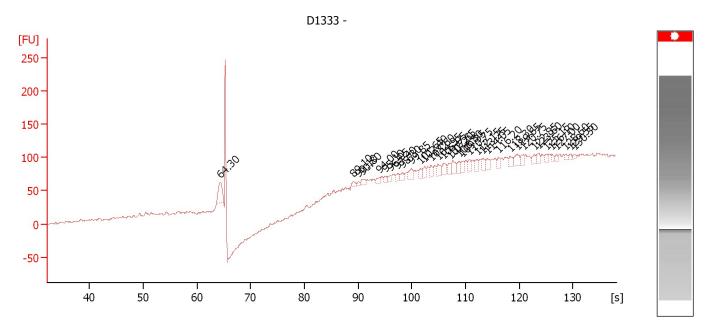
Overall Results for sample 9: <u>D1332 - SbfI</u>

Number of peaks found: 1 Noise: 1.1

Peak table for sample 9:		for sample 9:	<u>D1332 - SbfI</u>			
	Peak		Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
	1	4	0	0.00	0.0	Lower Marker
	2		0	0.00	0.0	

Assay Class: High Sensitivity DNA Assay C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad C:\...gh Sensitivity DNA A

Electropherogram Summary Continued ...



Overall Results for sample 10 : <u>D1333 -</u>

Number of peaks found: 0 Noise: 1.4

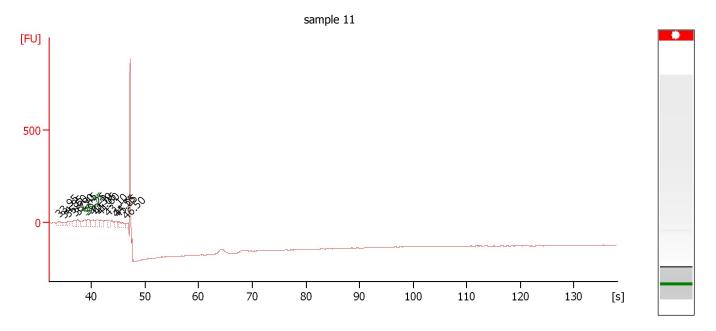
Peak table for sample 10 : <u>D1333 -</u>						
Peak	Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations		
1	0	0.00	0.0			
2	0	0.00	0.0			
3	0	0.00	0.0			
4	0	0.00	0.0			
5	0	0.00	0.0			
6	0	0.00	0.0			
7	0	0.00	0.0			
8	0	0.00	0.0			
9	0	0.00	0.0			
10	0	0.00	0.0			
11	0	0.00	0.0			
12	0	0.00	0.0			
13	0	0.00	0.0			
14	0	0.00	0.0			
15	0	0.00	0.0			
16	0	0.00	0.0			
17	0	0.00	0.0			
18	0	0.00	0.0			
19	0	0.00	0.0			
20	0	0.00	0.0			
21	0	0.00	0.0			
22	0	0.00	0.0			
23	0	0.00	0.0			
24	0	0.00	0.0			
25	0	0.00	0.0			
26	0	0.00	0.0			
27	0	0.00	0.0			

Assay Class: High Sensitivity DNA Assay C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad Modified: 11/12/2014 5:26:53 PM

Peak ta	ble for sample	10 : <u>D1333 -</u>		
Peak	Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
28	0	0.00	0.0	
29	0	0.00	0.0	
30	0	0.00	0.0	
31	0	0.00	0.0	
32	0	0.00	0.0	
33	0	0.00	0.0	
34	0	0.00	0.0	
35	0	0.00	0.0	

Assay Class: High Sensitivity DNA Assay C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad C:\...gh Sensitivity DNA A

Electropherogram Summary Continued ...



Overall Results for sample 11 : sample 11

Number of peaks found: 13 Noise: 1.2

Peak table for sample 11: sample 11						
Peak	Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations		
1	0	0.00	0.0			
2	0	0.00	0.0			
3	0	0.00	0.0			
4	0	0.00	0.0			
5	0	0.00	0.0			
6	0	0.00	0.0	Lower Marker		
7	0	0.00	0.0			
8	0	0.00	0.0			
9	0	0.00	0.0			
10	0	0.00	0.0			
11	0	0.00	0.0			
12	0	0.00	0.0			
13	0	0.00	0.0			
14	0	0.00	0.0			

11/12/2014 4:43:54 PM 11/12/2014 5:26:53 PM Assay Class: High Sensitivity DNA Assay Created: C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad Data Path: Modified: **Gel Image** D1326 - EcoRI D1327 - MuG D1328 - Sbff... [5] D1329 - SbfL. D1330 - PstI... D1331 - PstI... D1324 - Shfl D1332 - Sbft D1325 - PstI sample 11 Ladder D1333. 146 — 144 — 142 — 140 — 138 — 136 — 134 — 132 — 130 ---128 — 126 — 124 — 122 — 120 — 118 — 116 — 114 — 112 — 110 — 108 — 106 — 104 — 102 — 100 — 98 — 96 — 94 — 92 — 90 — 88 — 86 — 84 — 82 — 80 — 78 — 76 — 74 — 72 — 70 — 68 — 66 — 64 — 62 — 60 — 58 — 56 **—** 54 **—** 52 **—** 50 **—** 48 — 46 — 44 — 42 — 40 — 38 — 36 **—** 34 **—** 32 — L 1 2 3 4 5 6 8 9 10 11

Assay Class: High Sensitivity DNA Assay C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad C:\...gh Sensitivity DNA Assay_DE72901330_2014-11-12_16-43-54.xad Modified: 11/12/2014 5:26:53 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		11/12/2014 5:26:38 PM	(GMT05:00) Eastern Standard Time	foran103	RUTGERS-4341 E48
Run started on port 1 (File: C:\Program Files\Agilent\21 00 bioanalyzer\210 0 expert\Data\2014-11-12\Pinsky_High Sensitivity DNA Assay_DE72901 330_2014-11-12_16-43-54.xad)	l -	Instrument	Run		11/12/2014 4:44:01 PM	(GMT05:00) Eastern Standard Time	foran103	RUTGERS-4341 E48
Product Number : G2939A		Instrument	Run		11/12/2014 4:44:01 PM	(GMT05:00) Eastern Standard Time	foran103	RUTGERS-4341 E48
Name :		Instrument	Run		11/12/2014 4:44:01 PM	(GMT05:00) Eastern Standard Time	foran103	RUTGERS-4341 E48
Vendor : Agilent Technologies	:	Instrument	Run		11/12/2014 4:44:01 PM	(GMT05:00) Eastern Standard Time	foran103	RUTGERS-4341 E48
Serial# : DE72901330		Instrument	Run		11/12/2014 4:44:01 PM	(GMT05:00) Eastern Standard Time	foran103	RUTGERS-4341 E48
Firmware : C.01.069		Instrument	Run		11/12/2014 4:44:01 PM	(GMT05:00) Eastern Standard Time	foran103	RUTGERS-4341 E48
Cartridge : Electrode		Instrument	Run		11/12/2014 4:44:01 PM	(GMT05:00) Eastern Standard Time	foran103	RUTGERS-4341 E48