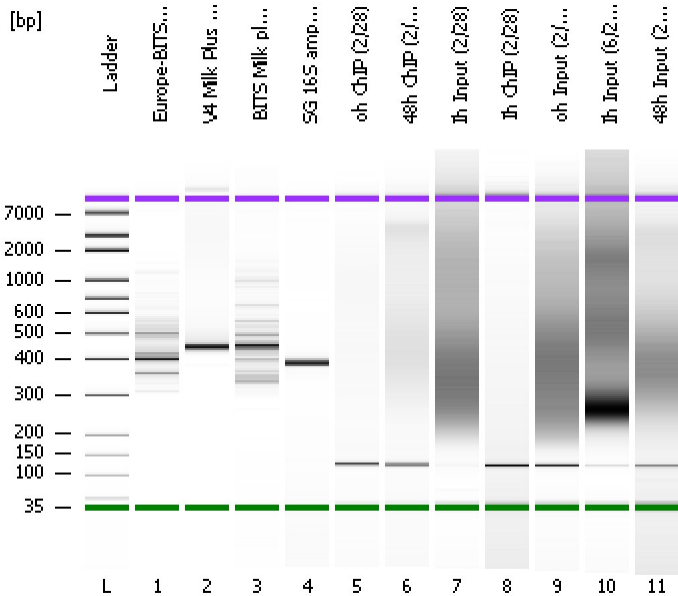


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-10\2014-03-10_004.xad

Created: 3/10/2014 12:19:58 PM
Modified: 3/10/2014 1:40:00 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

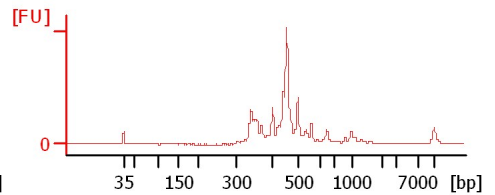
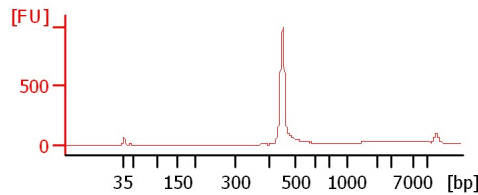
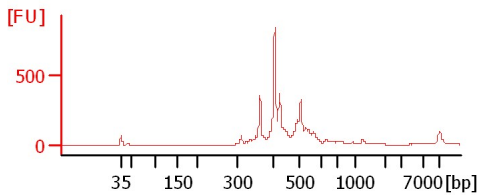
Chip Information:

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

Europe-BITS-2-2 1:8

V4 Milk Plus 1:11

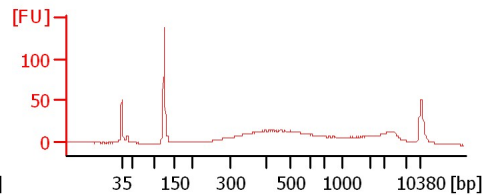
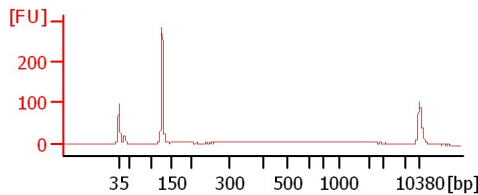
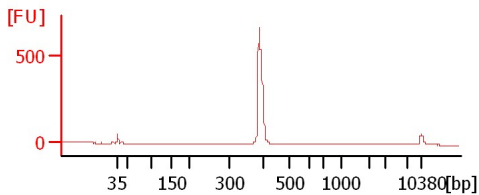
BITS Milk plus 1:9



SG 16S amplicon lib

oh ChIP (2/28)

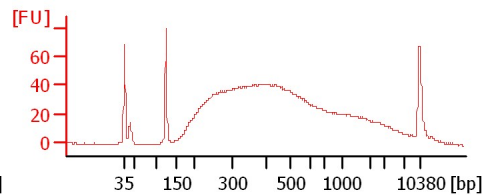
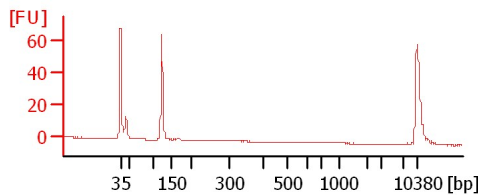
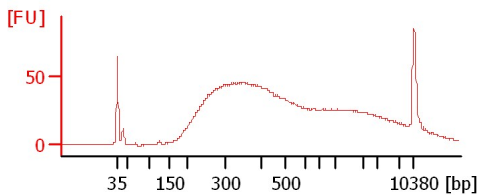
48h ChIP (2/28)



Ih Input (2/28)

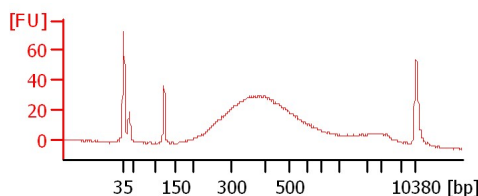
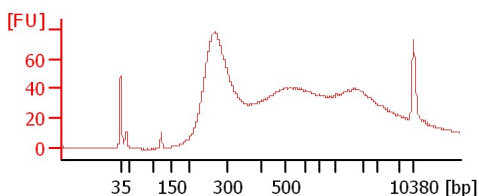
Ih ChIP (2/28)

oh Input (2/28)



Ih Input (6/25/13)

48h Input (2/28)



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-10\2014-03-10_004.xad

Created: 3/10/2014 12:19:58 PM
 Modified: 3/10/2014 1:40:00 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
Europe-BITS-2-2 1:8		<input type="checkbox"/>	✓			
V4 Milk Plus 1:11		<input type="checkbox"/>	✓			
BITS Milk plus 1:9		<input type="checkbox"/>	✓			
SG 16S amplicon lib		<input type="checkbox"/>	✓			
oh ChIP (2/28)		<input type="checkbox"/>	✓			
48h ChIP (2/28)		<input type="checkbox"/>	✓			
Ih Input (2/28)		<input type="checkbox"/>	✓			
Ih ChIP (2/28)		<input type="checkbox"/>	✓			
oh Input (2/28)		<input type="checkbox"/>	✓			
Ih Input (6/25/13)		<input type="checkbox"/>	✓			
48h Input (2/28)		<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\2014-03-10\2014-03-10_004.xad

Created: 3/10/2014 12:19:58 PM
Modified: 3/10/2014 1:40:00 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

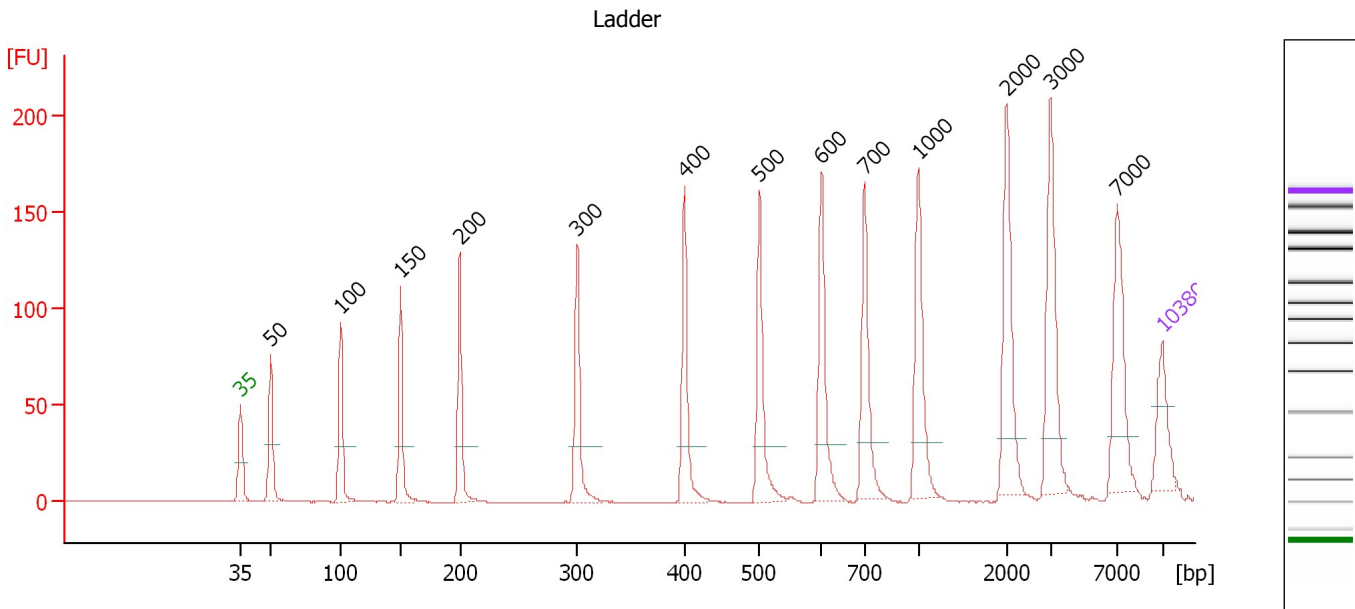
Ladder

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\2014-03-10\2014-03-10_004.xad

Created: 3/10/2014 12:19:58 PM
 Modified: 3/10/2014 1:40:00 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.2

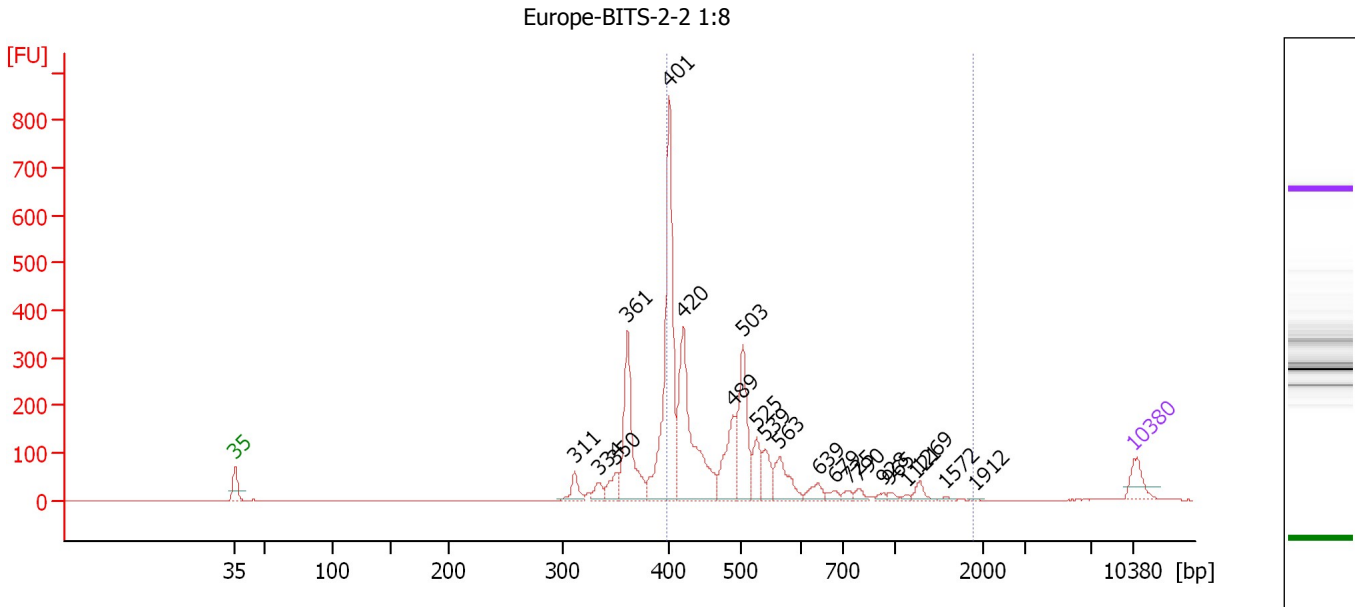
Peak table for Ladder

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	45.31	50	150.00	4,545.5	Ladder Peak
3	50.61	100	150.00	2,272.7	Ladder Peak
4	55.19	150	150.00	1,515.2	Ladder Peak
5	59.68	200	150.00	1,136.4	Ladder Peak
6	68.59	300	150.00	757.6	Ladder Peak
7	76.72	400	150.00	568.2	Ladder Peak
8	82.43	500	150.00	454.5	Ladder Peak
9	87.13	600	150.00	378.8	Ladder Peak
10	90.41	700	150.00	324.7	Ladder Peak
11	94.46	1,000	150.00	227.3	Ladder Peak
12	101.18	2,000	150.00	113.6	Ladder Peak
13	104.50	3,000	150.00	75.8	Ladder Peak
14	109.60	7,000	150.00	32.5	Ladder Peak
15	113.00	10,388	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-10\2014-03-10_004.xad

Created: 3/10/2014 12:19:58 PM
 Modified: 3/10/2014 1:40:00 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : Europe-BITS-2-2 1:8

Number of peaks found: 21 Corr. Area 1: 2,245.9
 Noise: 0.1

Peak table for sample 1 : Europe-BITS-2-2 1:8

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	69.45	311	87.53	427.0	
3	71.32	334	60.47	274.7	
4	72.64	350	95.00	411.4	
5	73.56	361	508.61	2,134.2	
6	76.80	401	1,042.06	3,934.9	
7	77.88	420	752.18	2,712.5	
8	81.78	489	286.08	887.3	
9	82.57	503	379.64	1,143.9	
10	83.60	525	133.97	386.7	
11	84.27	539	118.13	332.0	
12	85.39	563	171.28	461.0	
13	88.42	639	58.63	138.9	
14	89.71	679	28.75	64.2	
15	90.75	725	23.39	48.9	
16	91.62	790	26.40	50.7	
17	93.49	928	14.01	22.9	
18	93.98	965	14.34	22.5	
19	95.27	1,121	8.48	11.5	
20	96.27	1,269	37.12	44.3	
21	98.30	1,572	9.07	8.7	
22	100.59	1,912	3.98	3.2	
23	113.00	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-10\2014-03-10_004.xad

Created: 3/10/2014 12:19:58 PM
Modified: 3/10/2014 1:40:00 PM

Electropherogram Summary Continued ...

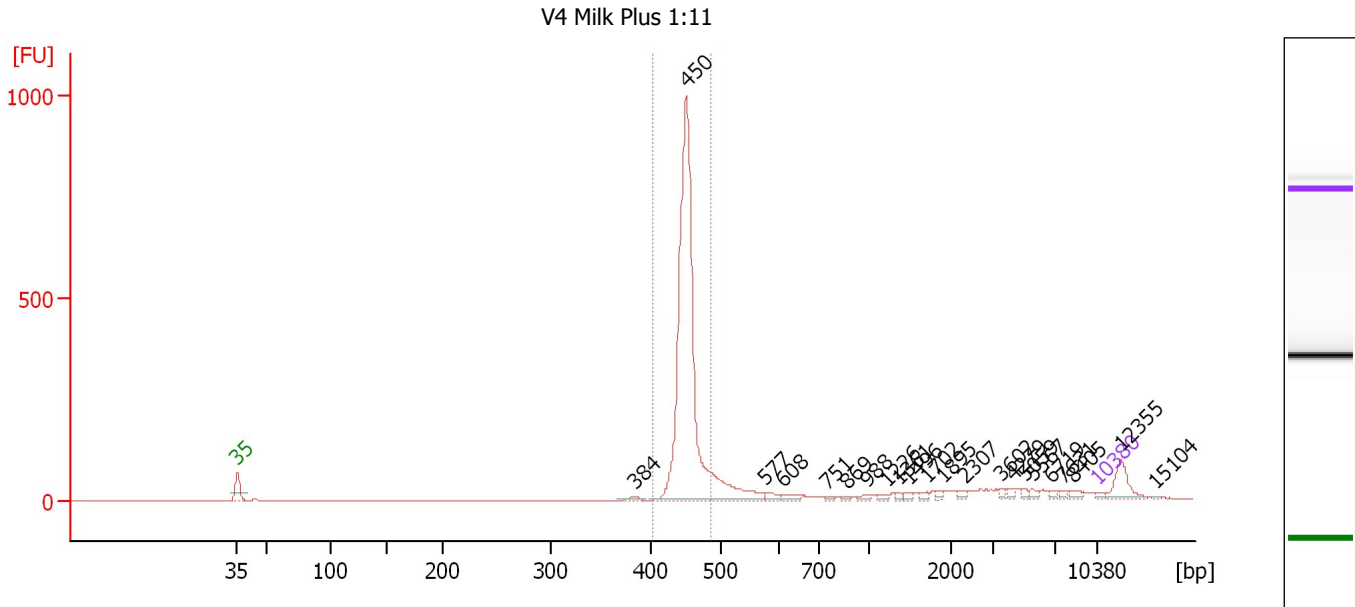
... Region table for sample 1 : Europe-BITS-2-2 1:8

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
399	1,905	504	8,600.9	2,679.33	 2,245.9	72	32.6

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-10\2014-03-10_004.xad

Created: 3/10/2014 12:19:58 PM
 Modified: 3/10/2014 1:40:00 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : V4 Milk Plus 1:11

Number of peaks found: 22 Corr. Area 1: 1,611.0
 Noise: 0.3

Peak table for sample 2 : V4 Milk Plus 1:11

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	75.41	384	189.10	746.5	
3	79.60	450	18,481.06	62,177.8	
4	86.04	577	225.20	591.6	
5	87.38	608	249.08	621.2	
6	91.09	751	76.71	154.8	
7	92.69	869	75.04	130.8	
8	94.29	988	102.86	157.8	
9	95.98	1,226	115.14	142.3	
10	96.88	1,361	75.62	84.2	
11	97.79	1,496	112.41	113.9	
12	99.17	1,702	126.30	112.5	
13	100.47	1,895	99.30	79.4	
14	102.20	2,307	134.34	88.2	
15	105.27	3,602	108.91	45.8	
16	106.13	4,279	124.33	44.0	
17	107.12	5,059	106.67	31.9	
18	107.77	5,567	140.32	38.2	
19	109.24	6,719	102.20	23.0	
20	110.23	7,631	91.51	18.2	
21	111.01	8,405	148.06	26.7	
22	113.00	10,380	75.00	10.9	Upper Marker
23	114.99	12,355	0.00	0.0	
24	117.75	15,104	0.00	0.0	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-10\2014-03-10_004.xad

Created: 3/10/2014 12:19:58 PM
Modified: 3/10/2014 1:40:00 PM

Electropherogram Summary Continued ...

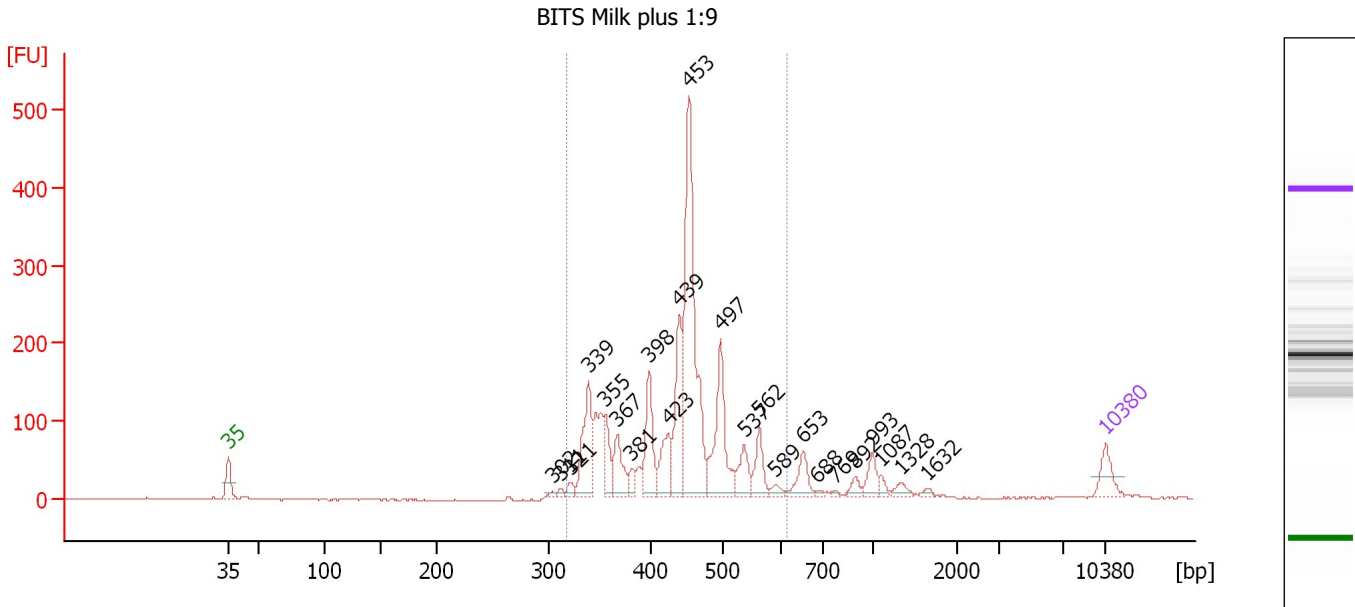
... Region table for sample 2 : V4 Milk Plus 1:11

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
402	485	450	54,888.0	16,291.54	1,611.0	68	2.4

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-10\2014-03-10_004.xad

Created: 3/10/2014 12:19:58 PM
 Modified: 3/10/2014 1:40:00 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : BITS Milk plus 1:9

Number of peaks found: 23 Corr. Area 1: 2,044.7
 Noise: 0.9

Peak table for sample 3 : BITS Milk plus 1:9


Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	68.79	302	13.51	67.7	
3	69.51	311	17.76	86.4	
4	70.28	321	34.92	164.9	
5	71.72	339	328.57	1,470.5	
6	73.09	355	134.28	572.7	
7	74.02	367	162.85	672.7	
8	75.17	381	48.82	194.2	
9	76.53	398	246.79	940.4	
10	78.06	423	178.85	639.9	
11	78.96	439	322.78	1,113.8	
12	79.72	453	1,063.45	3,560.6	
13	82.28	497	391.63	1,193.3	
14	84.15	537	119.79	338.3	
15	85.34	562	123.58	333.2	
16	86.62	589	26.61	68.5	
17	88.87	653	105.30	244.3	
18	90.02	688	10.20	22.5	
19	91.34	769	10.81	21.3	
20	93.00	892	34.62	58.8	
21	94.36	993	73.49	112.1	
22	95.04	1,087	23.80	33.2	
23	96.66	1,328	31.21	35.6	
24	98.70	1,632	12.36	11.5	
25	113.00	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-10\2014-03-10_004.xad

Created: 3/10/2014 12:19:58 PM
Modified: 3/10/2014 1:40:00 PM

Electropherogram Summary Continued ...

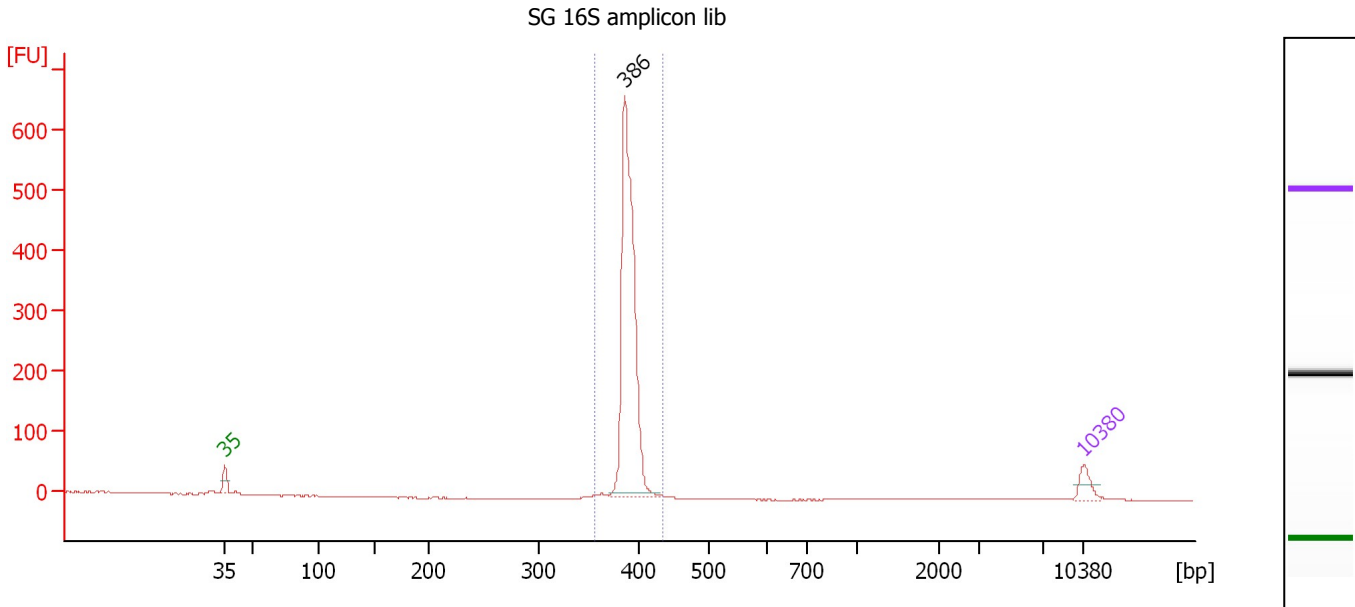
... Region table for sample 3 : BITS Milk plus 1:9

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ μ l]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
316	614	436	12,607.0	3,525.59	 2,044.7	88	14.4

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-10\2014-03-10_004.xad

Created: 3/10/2014 12:19:58 PM
 Modified: 3/10/2014 1:40:00 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : SG 16S amplicon lib

Number of peaks found: 1 Corr. Area 1: 1,036.1
 Noise: 0.6

Peak table for sample 4 : SG 16S amplicon lib

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	75.59	386	2,011.14	7,893.5	
3	113.00	10,380	75.00	10.9	Upper Marker

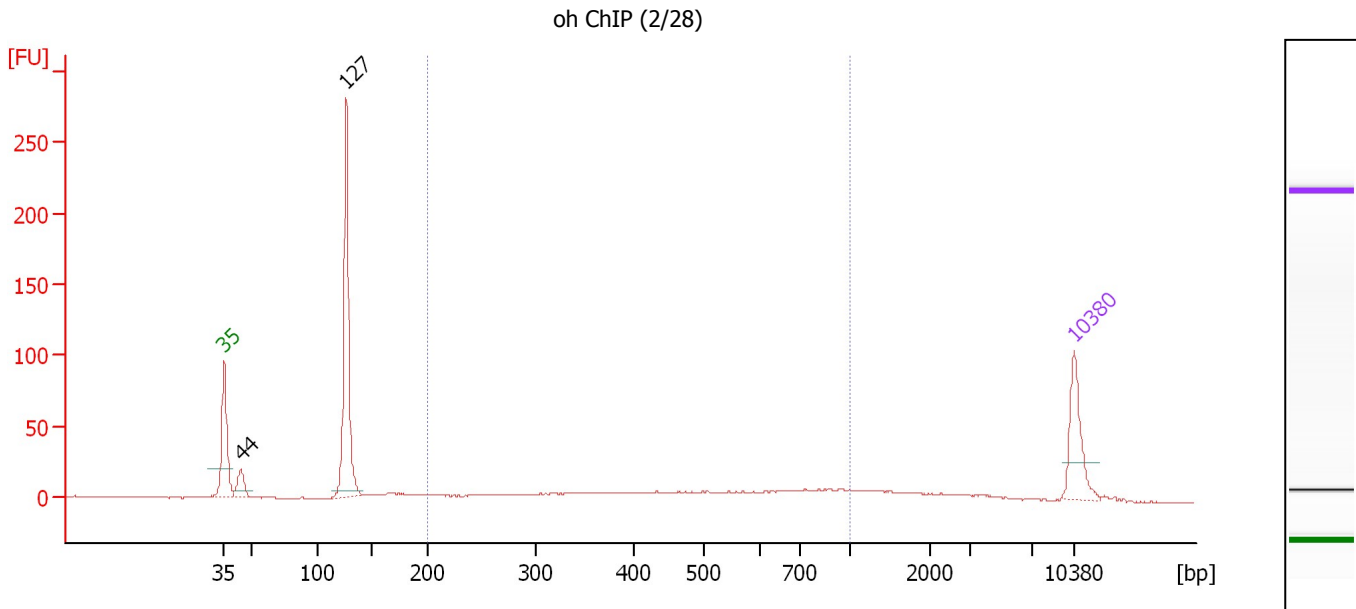
Region table for sample 4 : SG 16S amplicon lib

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
355	436	390	7,793.4	2,007.00	1,036.1	96	1.8

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-10\2014-03-10_004.xad

Created: 3/10/2014 12:19:58 PM
 Modified: 3/10/2014 1:40:00 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : oh ChIP (2/28)

Number of peaks found: 2 Corr. Area 1: 211.0
 Noise: 0.3

Peak table for sample 5 : oh ChIP (2/28)

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	44.36	44	48.92	1,690.3	
3	53.06	127	398.82	4,768.4	
4	113.00	10,380	75.00	10.9	Upper Marker

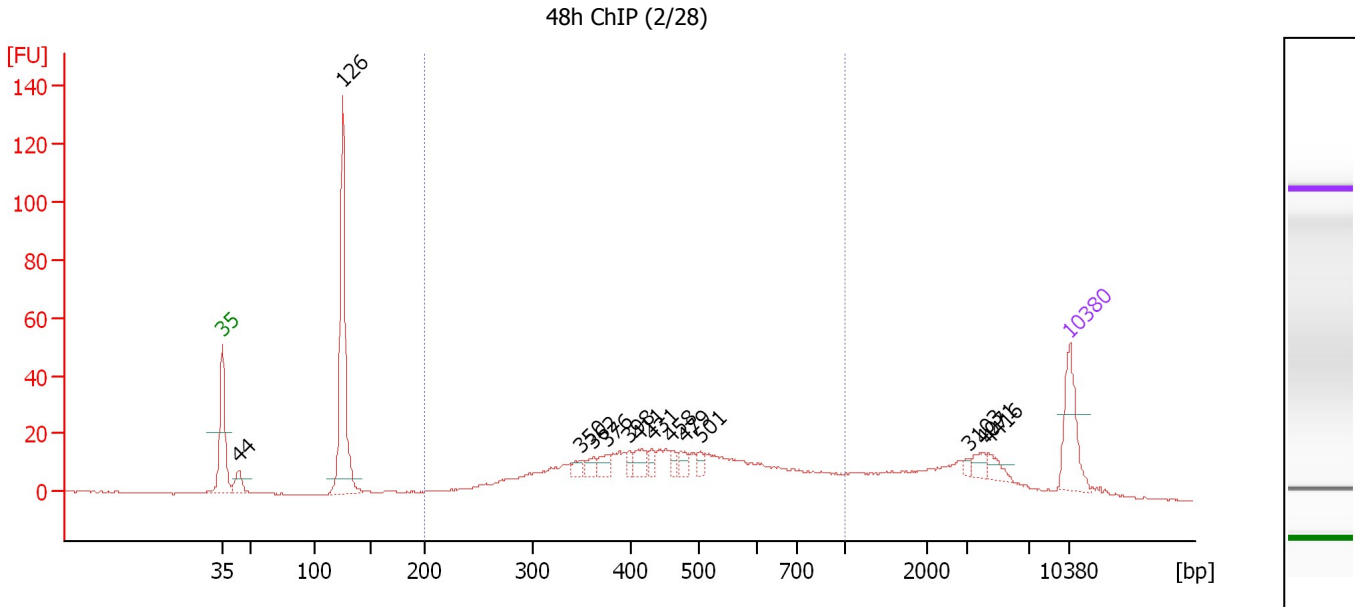
Region table for sample 5 : oh ChIP (2/28)

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
200	1,000	521	841.0	229.44	211.0	34	38.8

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-10\2014-03-10_004.xad

Created: 3/10/2014 12:19:58 PM
 Modified: 3/10/2014 1:40:00 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : 48h ChIP (2/28)

Number of peaks found: 14 Corr. Area 1: 448.4
 Noise: 0.1

Peak table for sample 6 : 48h ChIP (2/28)

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	44.37	44	38.83	1,340.8	
3	52.96	126	407.68	4,917.0	
4	72.69	350	17.21	74.4	
5	73.66	362	18.47	77.2	
6	74.81	376	23.51	94.6	
7	76.57	398	13.75	52.3	
8	77.36	411	30.32	111.7	
9	78.51	431	15.16	53.3	
10	80.05	458	13.97	46.2	
11	81.24	479	18.00	56.9	
12	82.47	501	14.39	43.5	
13	104.63	3,103	5.55	2.7	
14	105.86	4,071	14.55	5.4	
15	106.30	4,416	17.11	5.9	
16	113.00	10,380	75.00	10.9	Upper Marker

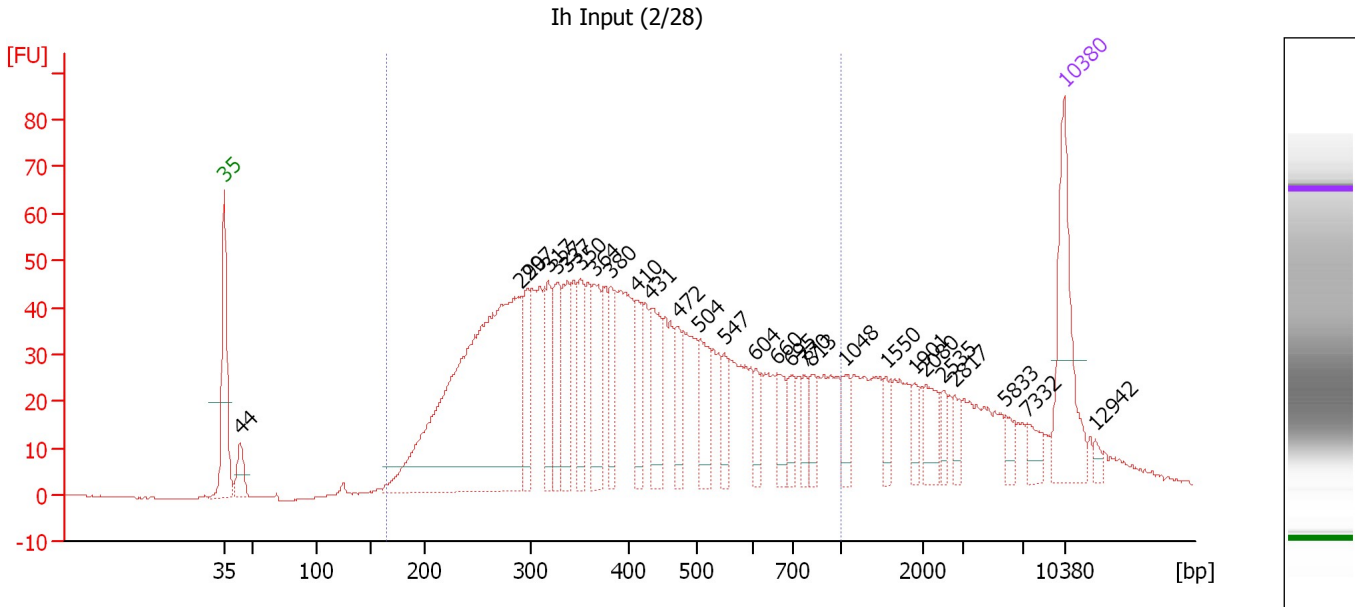
Region table for sample 6 : 48h ChIP (2/28)

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
200	1,000	484	3,450.2	947.67	448.4	58	34.0

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-10\2014-03-10_004.xad

Created: 3/10/2014 12:19:58 PM
 Modified: 3/10/2014 1:40:00 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : Ih Input (2/28)

Number of peaks found: 28 Corr. Area 1: 1,574.6
 Noise: 0.1

Peak table for sample 7 : Ih Input (2/28)

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	44.33	44	29.74	1,031.9	
3	67.67	290	516.63	2,702.3	
4	68.29	297	49.53	253.0	
5	69.98	317	48.45	231.5	
6	70.78	327	57.59	266.9	
7	71.62	337	56.43	253.5	
8	72.69	350	48.80	211.0	
9	73.80	364	58.55	243.7	
10	75.13	380	41.02	163.4	
11	77.31	410	36.44	134.6	
12	78.51	431	55.33	194.4	
13	80.82	472	27.48	88.3	
14	82.60	504	40.68	122.4	
15	84.64	547	22.16	61.4	
16	87.27	604	19.33	48.5	
17	89.09	660	23.71	54.5	
18	90.24	695	18.62	40.6	
19	91.36	770	15.38	30.3	
20	91.93	813	17.39	32.4	
21	94.78	1,048	19.50	28.2	
22	98.16	1,550	14.38	14.1	
23	100.51	1,901	11.17	8.9	
24	101.44	2,080	23.95	17.4	
25	102.96	2,535	9.94	5.9	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-10\2014-03-10_004.xad

Created: 3/10/2014 12:19:58 PM
 Modified: 3/10/2014 1:40:00 PM

Electropherogram Summary Continued ...

... Peak table for sample 7 : Ih Input (2/28)

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
26	103.89	2,817	10.52	5.7	
27	108.11	5,833	10.23	2.7	
28	109.93	7,332	11.71	2.4	
29	113.00	10,380	75.00	10.9	Upper Marker
30	115.58	12,942	0.00	0.0	

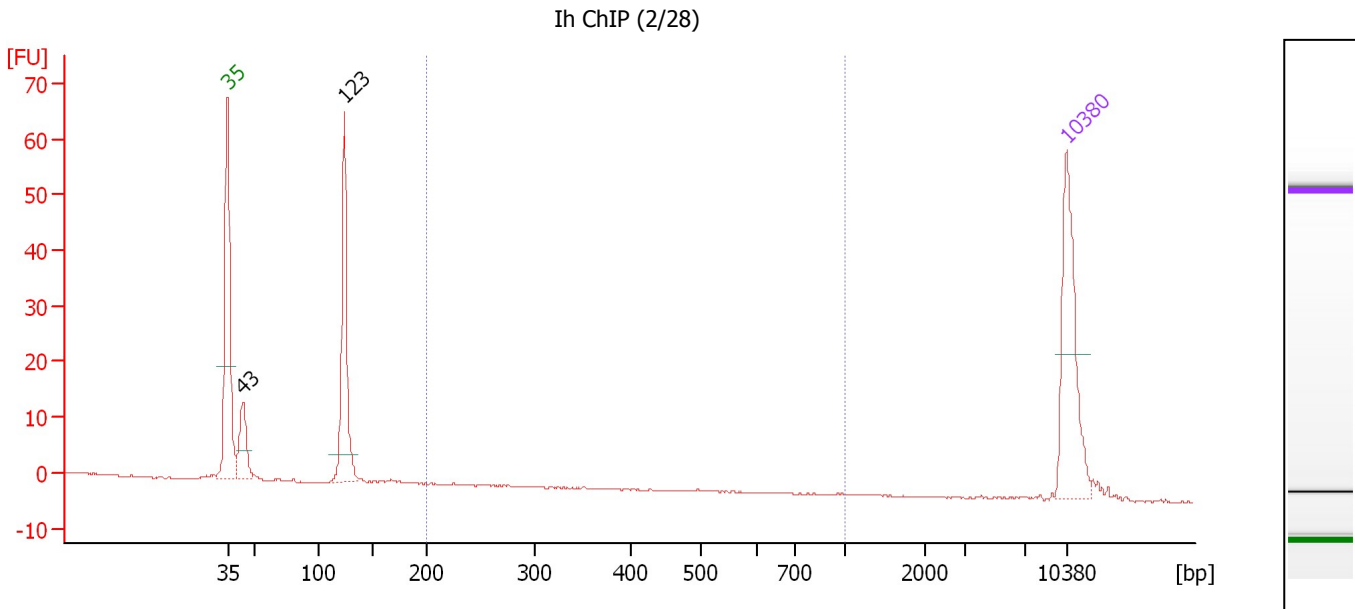
Region table for sample 7 : Ih Input (2/28)

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. for Area	% of Total	Size distribution in CV [%]
165	1,000	425	8,128.8	1,855.65	1,574.6	81	41.0

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-10\2014-03-10_004.xad

Created: 3/10/2014 12:19:58 PM
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Electropherogram Summary Continued ...



Overall Results for sample 8 : Ih ChIP (2/28)

Number of peaks found: 2 Corr. Area 1: 0.0
 Noise: 0.1

Peak table for sample 8 : Ih ChIP (2/28)

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	44.29	43	48.98	1,710.5	
3	52.75	123	135.04	1,659.1	
4	113.00	10,380	75.00	10.9	Upper Marker

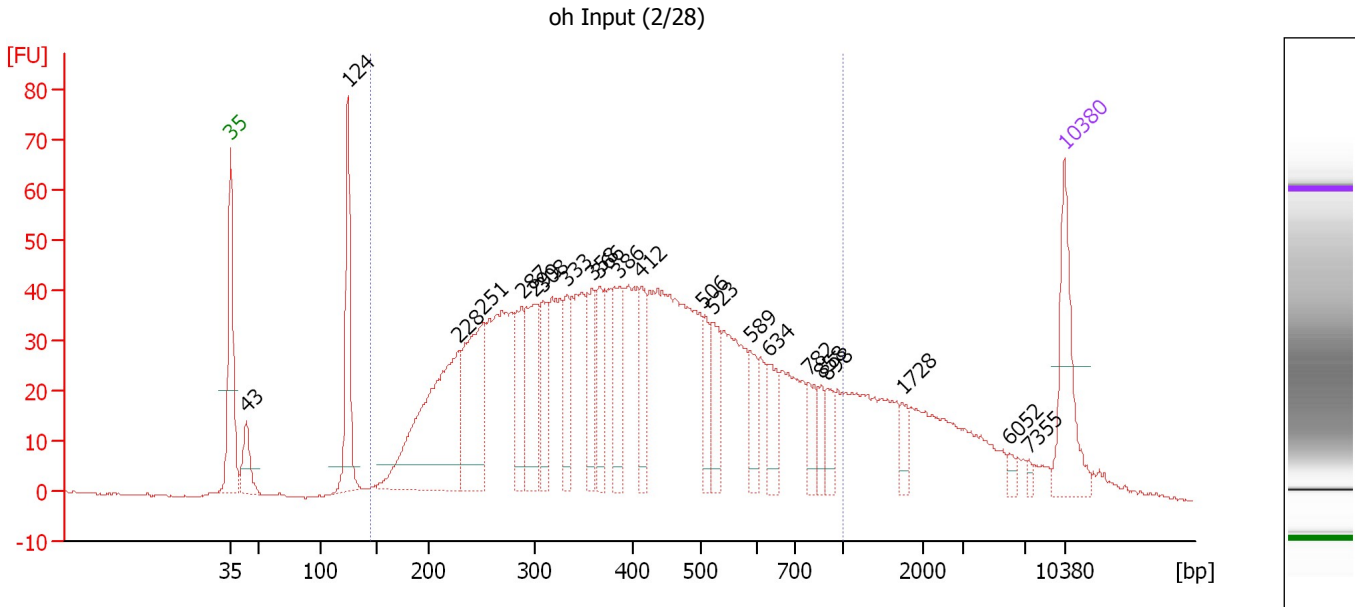
Region table for sample 8 : Ih ChIP (2/28)

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
200	1,000	0	0.0	0.00	0.0	0	0.0

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-10\2014-03-10_004.xad

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Electropherogram Summary Continued ...



Overall Results for sample 9 : oh Input (2/28)

Number of peaks found: 22 Corr. Area 1: 1,621.7
 Noise: 0.1

Peak table for sample 9 : oh Input (2/28)


Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	44.30	43	53.19	1,855.3	
3	52.85	124	143.69	1,749.7	
4	62.20	228	296.99	1,971.0	
5	64.21	251	175.78	1,061.5	
6	67.44	287	73.42	387.5	
7	68.51	299	109.78	556.0	
8	69.23	308	60.62	298.3	
9	71.29	333	51.03	232.1	
10	73.35	358	68.67	290.2	
11	73.97	366	57.01	235.9	
12	75.58	386	65.98	259.0	
13	77.42	412	59.18	217.5	
14	82.70	506	35.94	107.7	
15	83.51	523	51.85	150.2	
16	86.59	589	31.28	80.5	
17	88.25	634	38.63	92.3	
18	91.52	782	30.46	59.0	
19	92.55	858	17.63	31.1	
20	93.08	898	23.41	39.5	
21	99.35	1,728	17.44	15.3	
22	108.39	6,052	6.50	1.6	
23	109.96	7,355	4.11	0.8	
24	113.00	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-10\2014-03-10_004.xad

Created: 3/10/2014 12:19:58 PM
Modified: 3/10/2014 1:40:00 PM

Electropherogram Summary Continued ...

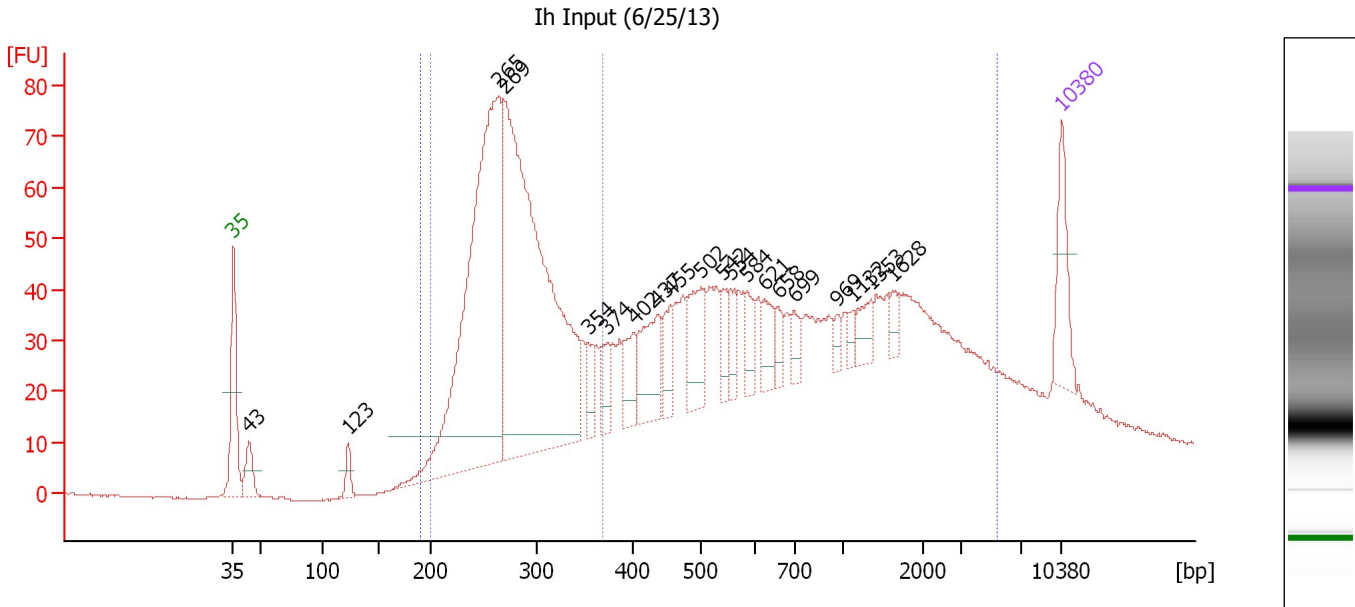
... Region table for sample 9 : oh Input (2/28)

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ μ l]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
145	1,000	423	11,571.6	2,568.69	 1,621.7	82	41.2

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-10\2014-03-10_004.xad

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Electropherogram Summary Continued ...



Overall Results for sample 10 : Ih Input (6/25/13)

Number of peaks found: 20 Corr. Area 1: 874.1
 Noise: 0.2 Corr. Area 2: 1,946.2



Peak table for sample 10 : Ih Input (6/25/13)

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	44.31	43	64.51	2,247.4	
3	52.73	123	30.75	378.4	
4	65.43	265	1,034.03	5,921.4	
5	65.84	269	1,149.15	6,469.4	
6	72.95	354	37.37	160.1	
7	74.62	374	49.66	201.1	
8	76.83	402	65.06	245.3	
9	78.81	437	121.32	421.1	
10	79.89	455	53.89	179.3	
11	82.50	502	111.77	337.7	
12	84.40	542	40.43	113.1	
13	84.98	554	38.60	105.5	
14	86.38	584	40.54	105.2	
15	87.82	621	47.95	117.0	
16	89.04	658	25.69	59.1	
17	90.39	699	29.05	62.9	
18	94.04	969	14.85	23.2	
19	95.34	1,132	15.41	20.6	
20	96.83	1,353	33.99	38.1	
21	98.68	1,628	17.01	15.8	
22	113.00	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-10\2014-03-10_004.xad

Created: 3/10/2014 12:19:58 PM
Modified: 3/10/2014 1:40:00 PM

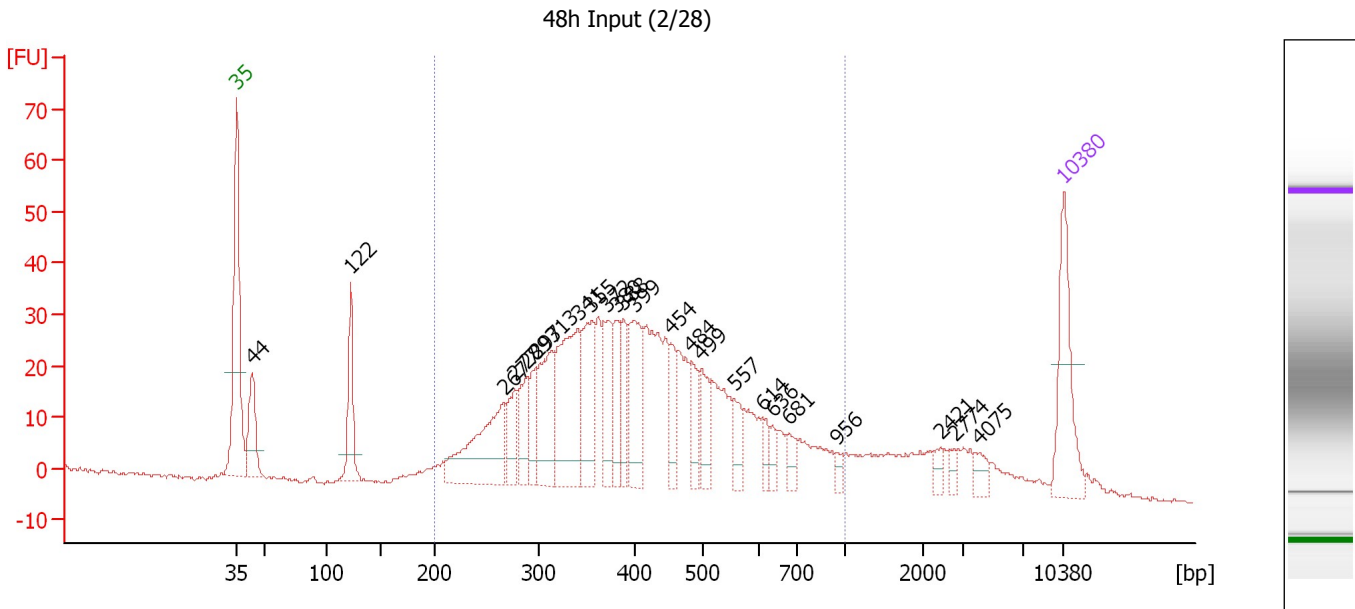
Electropherogram Summary Continued ...**... Region table for sample 10 : Ih Input (6/25/13)**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
190	5,346	817	18,776.0	4,758.41	 1,946.2	95	100.0
200	368	282	13,324.4	2,430.97	 874.1	43	13.4

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-10\2014-03-10_004.xad

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Electropherogram Summary Continued ...



Overall Results for sample 11 : 48h Input (2/28)

Number of peaks found: 24 Corr. Area 1: 862.2
 Noise: 0.4

Peak table for sample 11 : 48h Input (2/28)

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	44.31	44	79.62	2,772.7	
3	52.66	122	80.67	998.8	
4	65.61	267	142.50	809.9	
5	66.51	277	46.11	252.4	
6	67.60	289	51.40	269.6	
7	68.36	297	42.18	214.8	
8	69.67	313	96.63	467.3	
9	71.88	341	157.28	699.8	
10	73.06	355	94.15	401.9	
11	74.41	372	65.09	265.4	
12	75.13	380	43.83	174.6	
13	75.77	388	43.11	168.2	
14	76.62	399	92.86	352.8	
15	79.78	454	34.60	115.6	
16	81.50	484	38.30	120.0	
17	82.36	499	39.14	118.9	
18	85.11	557	25.96	70.6	
19	87.59	614	13.93	34.4	
20	88.31	636	13.83	32.9	
21	89.80	681	17.20	38.2	
22	93.86	956	6.91	11.0	
23	102.57	2,421	8.86	5.5	
24	103.75	2,774	7.85	4.3	
25	105.87	4,075	12.75	4.7	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-10\2014-03-10_004.xad

Created: 3/10/2014 12:19:58 PM
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Electropherogram Summary Continued ...

... Peak table for sample 11 : 48h Input (2/28)

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations
26	113.00	10,380	75.00	10.9	Upper Marker

Region table for sample 11 : 48h Input (2/28)

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ μ l]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
200	1,000	429	6,176.6	1,527.01	862.2	82	33.7

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-10\2014-03-10_004.xad

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Gel Image

