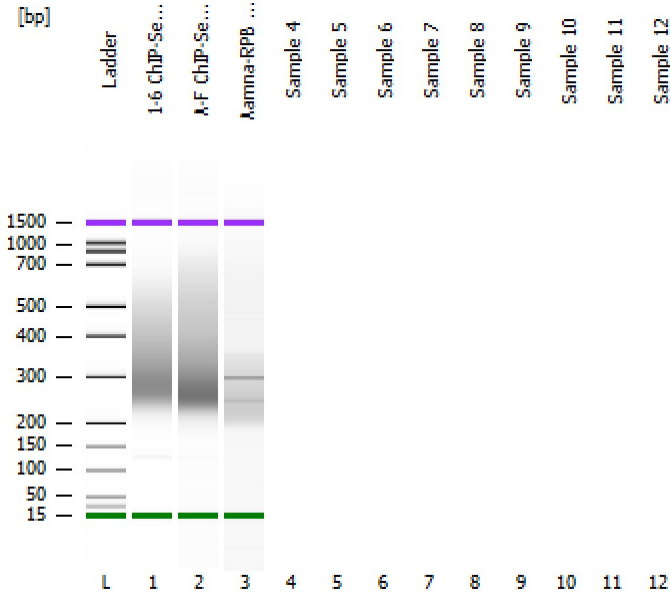


Assay Class: DNA 1000
Data Path: C:\...-19\2100 expert_DNA 1000_DE72904788_2013-12-19_16-44-55.xad

Created: 19/12/2013 16:44:56
Modified: 19/12/2013 17:10:28

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE72904788 Firmware: C.01.069
Serial#: DE72904788 Type: G2938C

Assay Information:

Assay Origin Path: C:\Program Files (x86)\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\DNA 1000 Series II.xsy

Assay Class: DNA 1000
Version: 2.3
Assay Comments: DNA Analysis 25 -1000 bp

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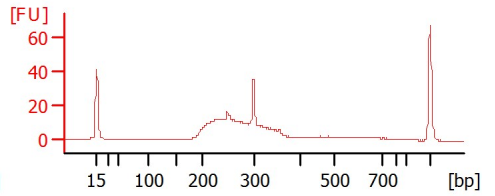
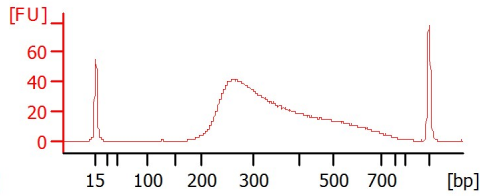
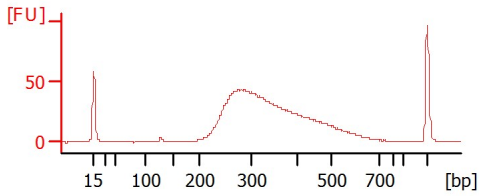
Chip Information:

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

1-6 ChIP-Seq NEB

A-F ChIP-Seq NEB

Aamna-RPB RNAi



Assay Class: DNA 1000
 Data Path: C:\...-19\2100 expert_DNA 1000_DE72904788_2013-12-19_16-44-55.xad

Created: 19/12/2013 16:44:56
 Modified: 19/12/2013 17:10:28

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
1-6 ChIP-Seq NEB		<input type="checkbox"/>				
A-F ChIP-Seq NEB		<input type="checkbox"/>				
Aamna-RPB RNAi		<input type="checkbox"/>				
Sample 4		<input type="checkbox"/>				
Sample 5		<input type="checkbox"/>				
Sample 6		<input type="checkbox"/>				
Sample 7		<input type="checkbox"/>				
Sample 8		<input type="checkbox"/>				
Sample 9		<input type="checkbox"/>				
Sample 10		<input type="checkbox"/>				
Sample 11		<input type="checkbox"/>				
Sample 12		<input type="checkbox"/>				
Ladder		<input type="checkbox"/>				

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: DNA 1000
Data Path: C:\...-19\2100 expert_DNA 1000_DE72904788_2013-12-19_16-44-55.xad

Created: 19/12/2013 16:44:56
Modified: 19/12/2013 17:10:28

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 13
Minimum Visible Range [s] : 30
Maximum Visible Range [s] : 129
Start Analysis Time Range [s] : 30
End Analysis Time Range [s] : 128.95
Ladder Concentration [ng/μl] : 44
Uses Standard Area for Ladder Fragments
Lower Marker Concentration [ng/μl] : 4.2
Upper Marker Concentration [ng/μl] : 2.1
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] : 30
Integration End Time [s] : 128.95
Slope Threshold : 0.5
Height Threshold [FU] : 20
Area Threshold : 0.1
Width Threshold [s] : 0.5
Baseline Plateau [s] : 0.5

Filter Settings

Filter Width [s] : 0.5
Polynomial Order : 4

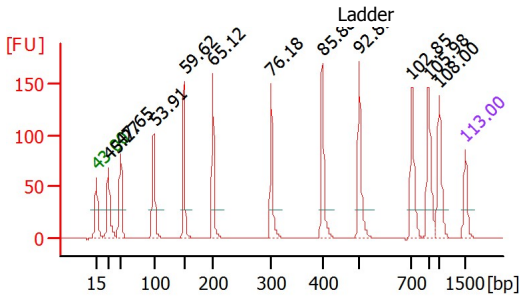
Ladder

Ladder Peak	Size	Area
1	15	25
2	25	26
3	50	34
4	100	41
5	150	45
6	200	52
7	300	63
8	400	76
9	500	83
10	700	88
11	850	86
12	1000	90
13	1500	52

Assay Class: DNA 1000
 Data Path: C:\...-19\2100 expert_DNA 1000_DE72904788_2013-12-19_16-44-55.xad

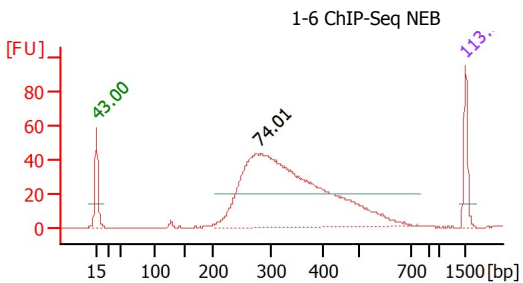
Created: 19/12/2013 16:44:56
 Modified: 19/12/2013 17:10:28

Electropherogram Summary



Peak table for Ladder

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.2	Lower Marker
2	25	4.00	242.4	Ladder Peak
3	50	4.00	121.2	Ladder Peak
4	100	4.00	60.6	Ladder Peak
5	150	4.00	40.4	Ladder Peak
6	200	4.00	30.3	Ladder Peak
7	300	4.00	20.2	Ladder Peak
8	400	4.00	15.2	Ladder Peak
9	500	4.00	12.1	Ladder Peak
10	700	4.00	8.7	Ladder Peak
11	850	4.00	7.1	Ladder Peak
12	1,000	4.00	6.1	Ladder Peak
13	1,500	2.10	2.1	Upper Marker



Overall Results for sample 1 : 1-6 ChIP-Seq NEB

Number of peaks found: 1

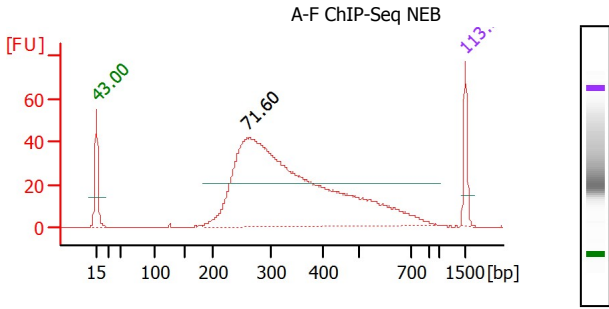
Peak table for sample 1 : 1-6 ChIP-Seq NEB

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.2	Lower Marker
2	280	32.30	174.6	
3	1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
 Data Path: C:\...-19\2100 expert_DNA 1000_DE72904788_2013-12-19_16-44-55.xad

Created: 19/12/2013 16:44:56
 Modified: 19/12/2013 17:10:28

Electropherogram Summary Continued ...

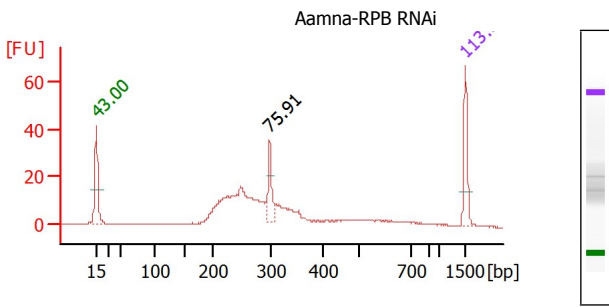


Overall Results for sample 2 : A-F ChIP-Seq NEB

Number of peaks found: 1

Peak table for sample 2 : A-F ChIP-Seq NEB

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.2	Lower Marker
2	259	44.30	259.6	
3	1,500	2.10	2.1	Upper Marker



Overall Results for sample 3 : Aamna-RPB RNAi

Number of peaks found: 1

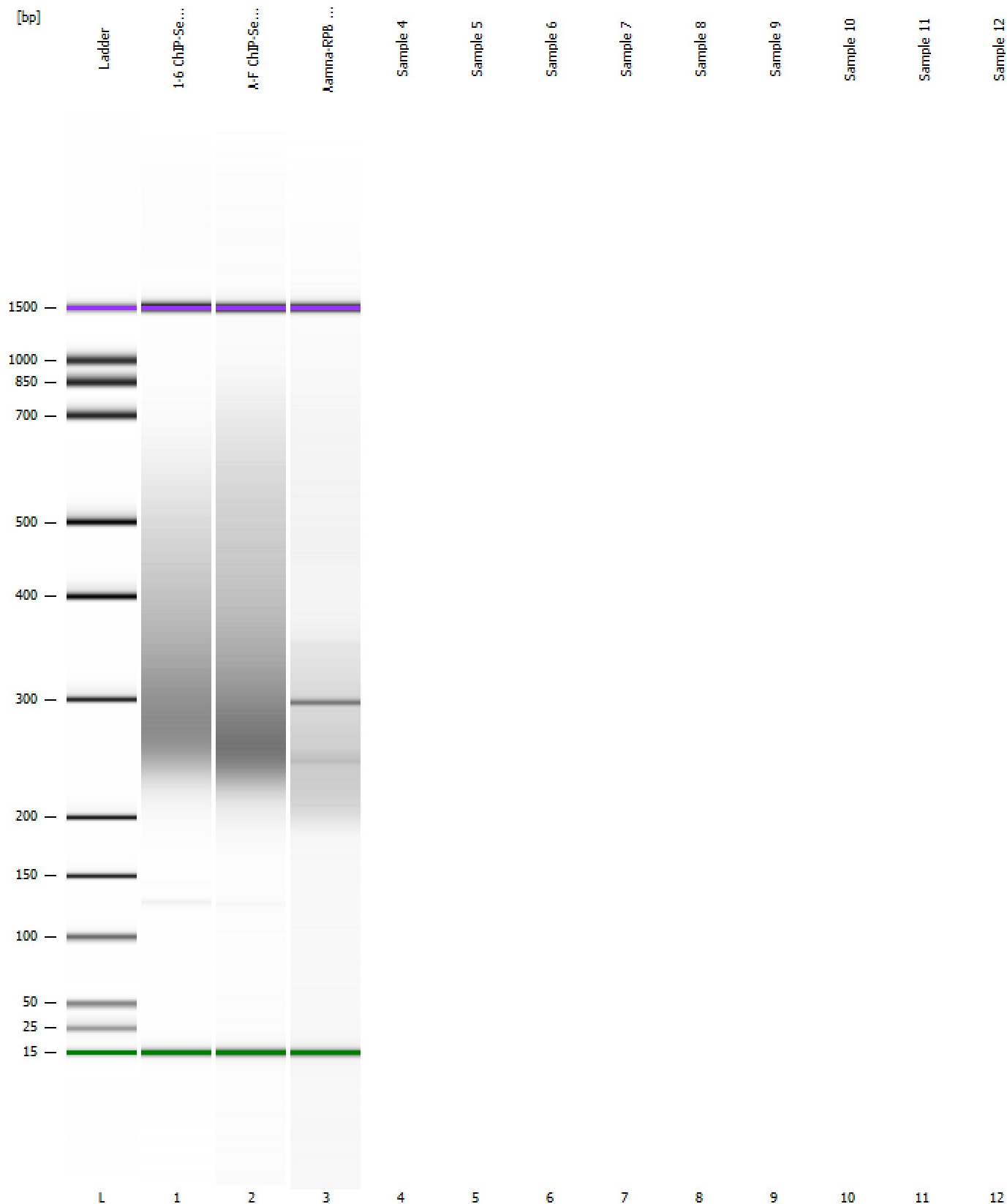
Peak table for sample 3 : Aamna-RPB RNAi

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.2	Lower Marker
2	298	1.61	8.2	
3	1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-19\2100 expert_DNA 1000_DE72904788_2013-12-19_16-44-55.xad

Created: 19/12/2013 16:44:56
Modified: 19/12/2013 17:10:28

Gel Image



Assay Class: DNA 1000
Data Path: C:\...-19\2100 expert_DNA 1000_DE72904788_2013-12-19_16-44-55.xad

Created: 19/12/2013 16:44:56
Modified: 19/12/2013 17:10:28

Curves

Standard Curve

