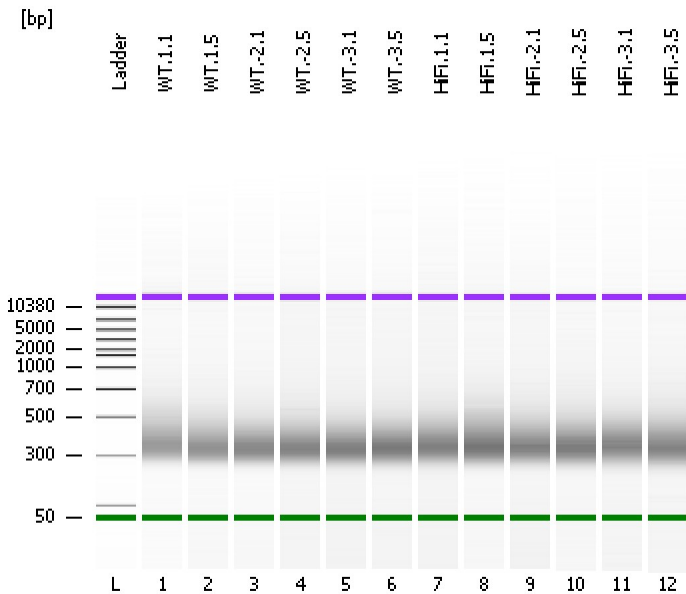


Assay Class: DNA 12000
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-01\2017-08-01_001.xad

Created: 8/1/2017 10:38:57 AM
Modified: 8/1/2017 11:13:59 AM

Electrophoresis File Run Summary



Instrument Information:

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

Assay Information:

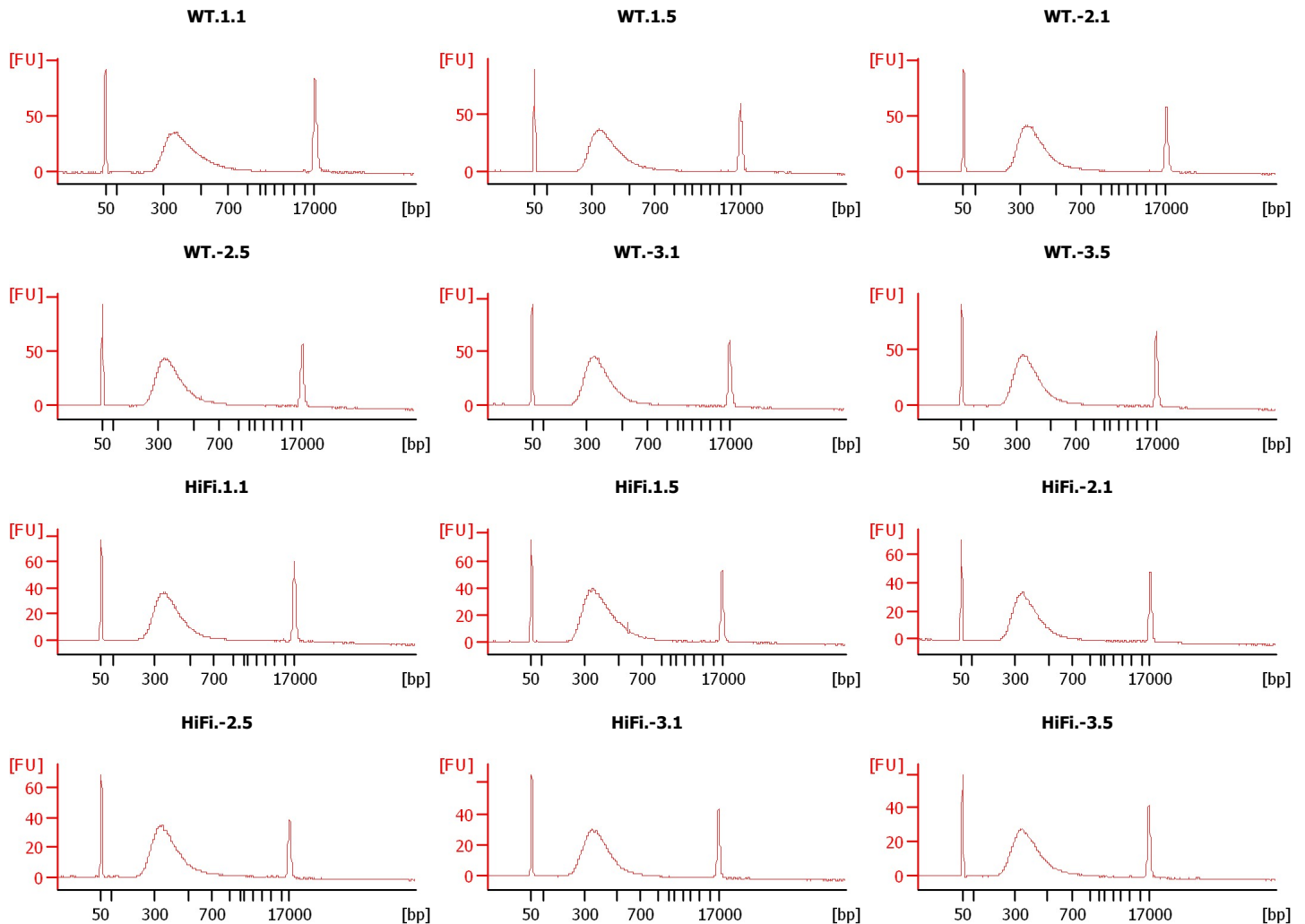
Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\DNA 12000 Series II.xsy

Assay Class: DNA 12000
Version: 2.4
Assay Comments: DNA Analysis 100 -12000 bp

© Copyright 2003-2009 Agilent Technologies, Inc.

Chip Information:

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



Assay Class: DNA 12000
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-01\2017-08-01_001.xad

Created: 8/1/2017 10:38:57 AM
Modified: 8/1/2017 11:13:59 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
WT.1.1		<input type="checkbox"/>	✓			
WT.1.5		<input type="checkbox"/>	✓			
WT.-2.1		<input type="checkbox"/>	✓			
WT.-2.5		<input type="checkbox"/>	✓			
WT.-3.1		<input type="checkbox"/>	✓			
WT.-3.5		<input type="checkbox"/>	✓			
HiFi.1.1		<input type="checkbox"/>	✓			
HiFi.1.5		<input type="checkbox"/>	✓			
HiFi.-2.1		<input type="checkbox"/>	✓			
HiFi.-2.5		<input type="checkbox"/>	✓			
HiFi.-3.1		<input type="checkbox"/>	✓			
HiFi.-3.5		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

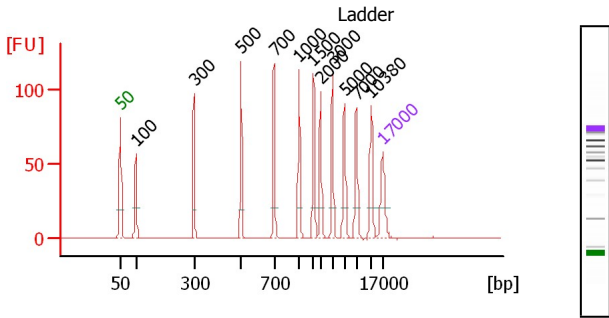
Chip Lot # **Reagent Kit Lot #**

Chip Comments :

Assay Class: DNA 12000
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-01\2017-08-01_001.xad

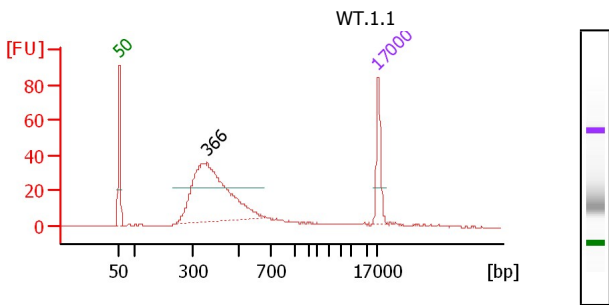
Created: 8/1/2017 10:38:57 AM
 Modified: 8/1/2017 11:13:59 AM

Electropherogram Summary



Peak table for Ladder

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	100	4.00	60.6	Ladder Peak
3	300	4.00	20.2	Ladder Peak
4	500	4.00	12.1	Ladder Peak
5	700	4.00	8.7	Ladder Peak
6	1,000	4.00	6.1	Ladder Peak
7	1,500	4.00	4.0	Ladder Peak
8	2,000	4.00	3.0	Ladder Peak
9	3,000	4.00	2.0	Ladder Peak
10	5,000	4.00	1.2	Ladder Peak
11	7,000	4.00	0.9	Ladder Peak
12	10,380	4.00	0.6	Ladder Peak
13	17,000	4.20	0.4	Upper Marker

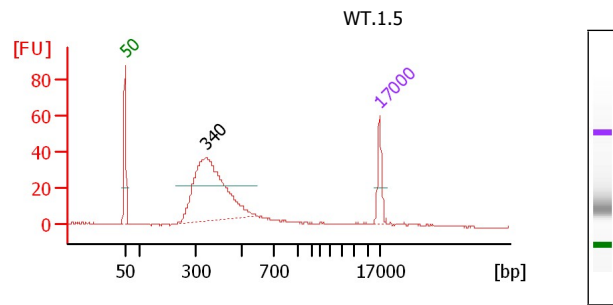


Overall Results for sample 1 : WT.1.1

Number of peaks found: 1

Peak table for sample 1 : WT.1.1

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	366	23.24	96.2	
3	17,000	4.20	0.4	Upper Marker



Overall Results for sample 2 : WT.1.5

Number of peaks found: 1

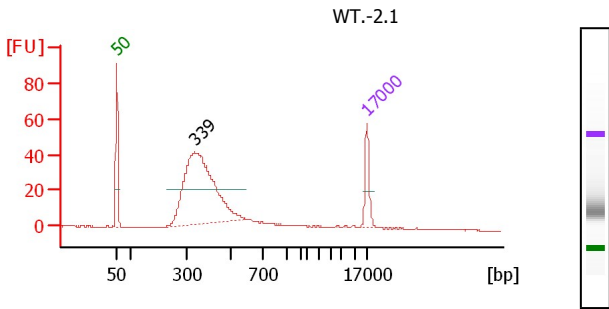
Peak table for sample 2 : WT.1.5

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	340	32.35	144.0	
3	17,000	4.20	0.4	Upper Marker

Assay Class: DNA 12000
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-01\2017-08-01_001.xad

Created: 8/1/2017 10:38:57 AM
 Modified: 8/1/2017 11:13:59 AM

Electropherogram Summary Continued ...

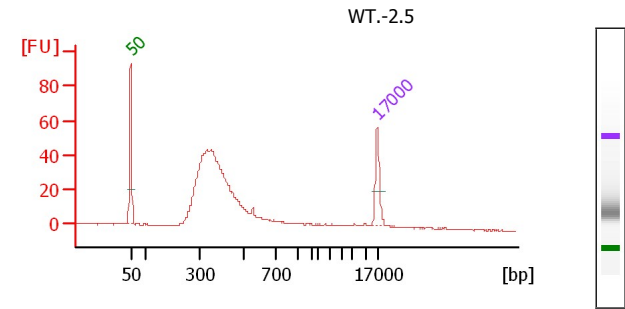


Overall Results for sample 3 : WT.-2.1

Number of peaks found: 1

Peak table for sample 3 : WT.-2.1

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	339	36.51	163.1	
3	17,000	4.20	0.4	Upper Marker

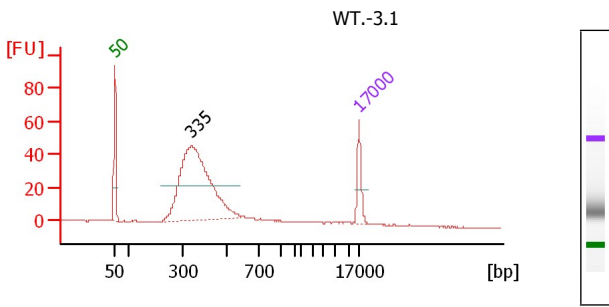


Overall Results for sample 4 : WT.-2.5

Number of peaks found: 0

Peak table for sample 4 : WT.-2.5

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	17,000	4.20	0.4	Upper Marker

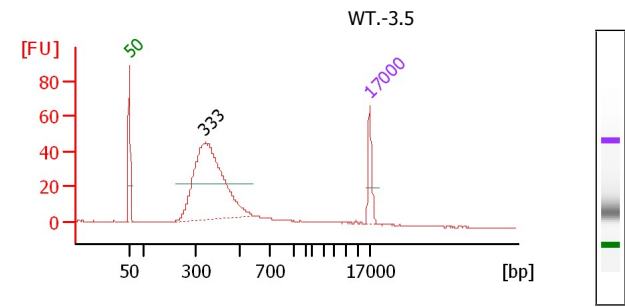


Overall Results for sample 5 : WT.-3.1

Number of peaks found: 1

Peak table for sample 5 : WT.-3.1

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	335	38.99	176.3	
3	17,000	4.20	0.4	Upper Marker



Overall Results for sample 6 : WT.-3.5

Number of peaks found: 1

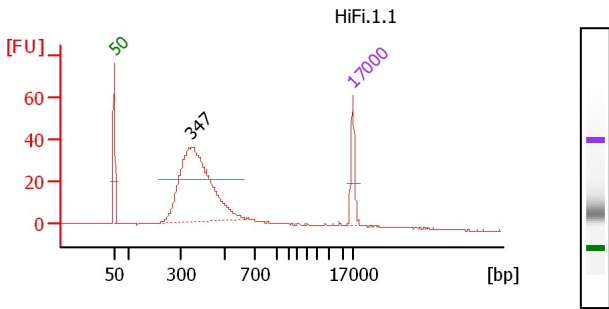
Peak table for sample 6 : WT.-3.5

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	333	38.65	176.0	
3	17,000	4.20	0.4	Upper Marker

Assay Class: DNA 12000
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-01\2017-08-01_001.xad

Created: 8/1/2017 10:38:57 AM
 Modified: 8/1/2017 11:13:59 AM

Electropherogram Summary Continued ...

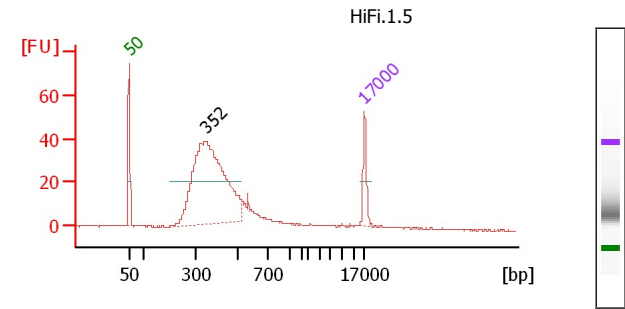


Overall Results for sample 7 : HiFi.1.1

Number of peaks found: 1

Peak table for sample 7 : HiFi.1.1

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	347	33.47	146.2	
3	17,000	4.20	0.4	Upper Marker

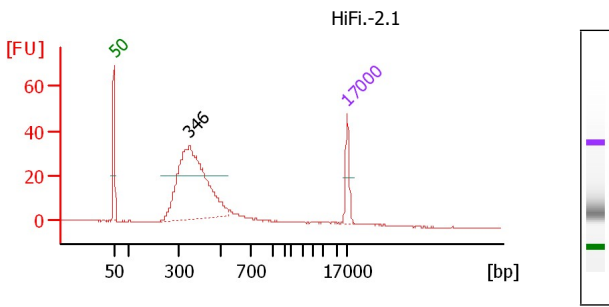


Overall Results for sample 8 : HiFi.1.5

Number of peaks found: 1

Peak table for sample 8 : HiFi.1.5

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	352	47.25	203.1	
3	17,000	4.20	0.4	Upper Marker

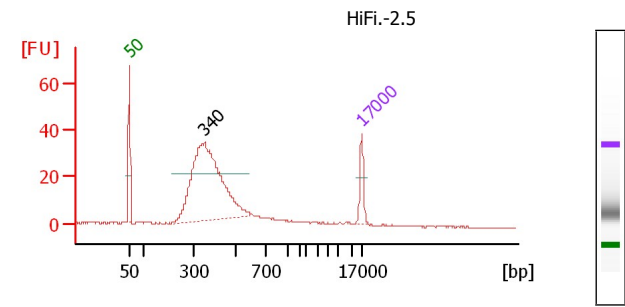


Overall Results for sample 9 : HiFi.-2.1

Number of peaks found: 1

Peak table for sample 9 : HiFi.-2.1

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	346	36.70	160.9	
3	17,000	4.20	0.4	Upper Marker



Overall Results for sample 10 : HiFi.-2.5

Number of peaks found: 1

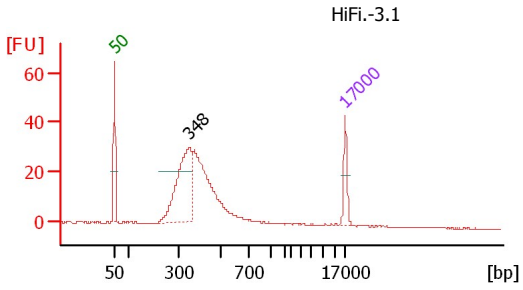
Peak table for sample 10 : HiFi.-2.5

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	340	46.01	205.2	
3	17,000	4.20	0.4	Upper Marker

Assay Class: DNA 12000
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-01\2017-08-01_001.xad

Created: 8/1/2017 10:38:57 AM
 Modified: 8/1/2017 11:13:59 AM

Electropherogram Summary Continued ...

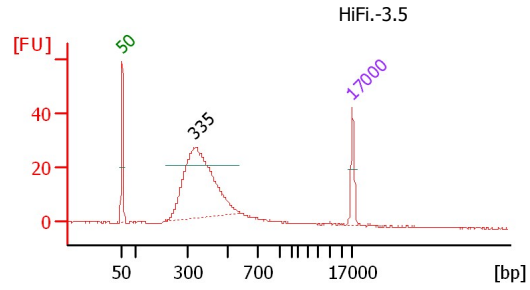


Overall Results for sample 11 : HiFi.-3.1

Number of peaks found: 1

Peak table for sample 11 : HiFi.-3.1

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	348	20.33	88.5	
3	17,000	4.20	0.4	Upper Marker



Overall Results for sample 12 : HiFi.-3.5

Number of peaks found: 1

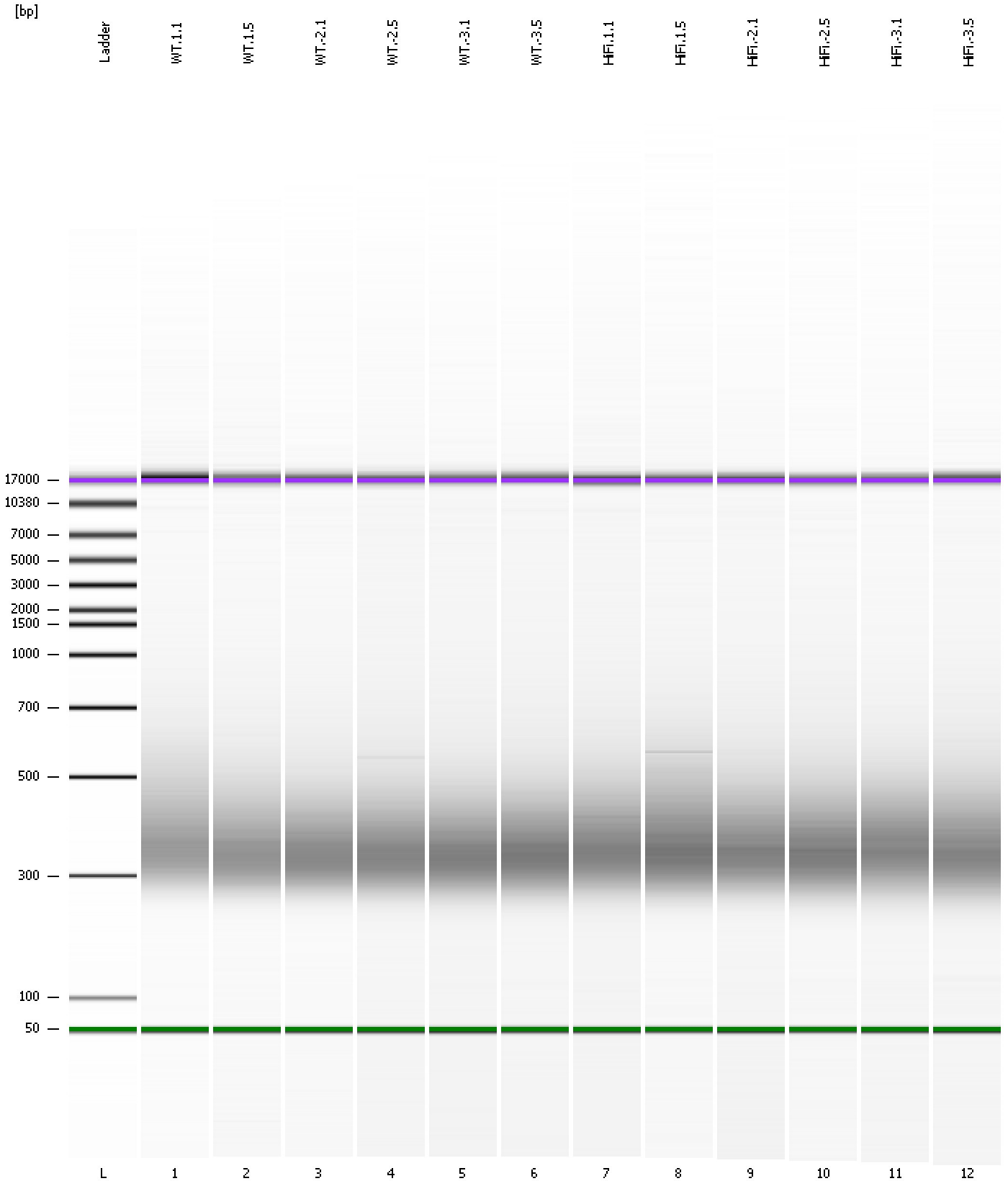
Peak table for sample 12 : HiFi.-3.5

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	335	35.54	160.9	
3	17,000	4.20	0.4	Upper Marker

Assay Class: DNA 12000
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-01\2017-08-01_001.xad

Created: 8/1/2017 10:38:57 AM
Modified: 8/1/2017 11:13:59 AM

Gel Image



Assay Class: DNA 12000
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-01\2017-08-01_001.xad

Created: 8/1/2017 10:38:57 AM
Modified: 8/1/2017 11:13:59 AM

Curves

Standard Curve

