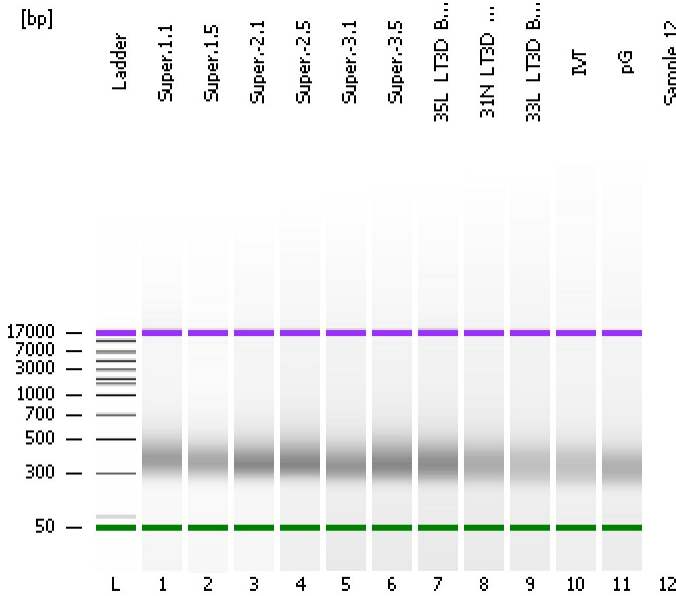


Assay Class: DNA 12000
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-01\2017-08-01_002.xad

Created: 8/1/2017 11:17:25 AM
Modified: 8/1/2017 11:50:19 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

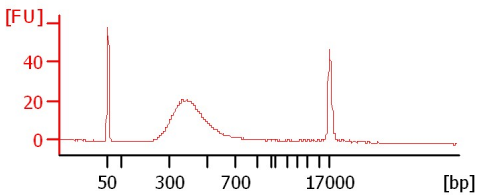
Assay Class: DNA 12000
Version: 2.4
Assay Comments: DNA Analysis 100 -12000 bp

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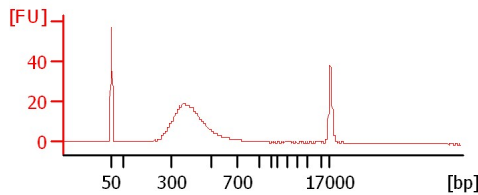
Chip Information:

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

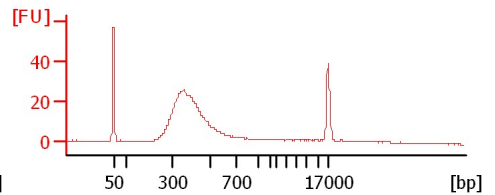
Super-1.1



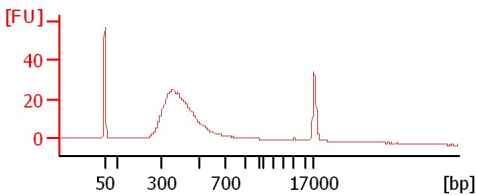
Super-1.5



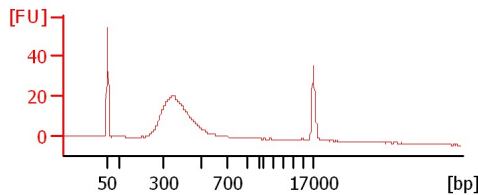
Super-2.1



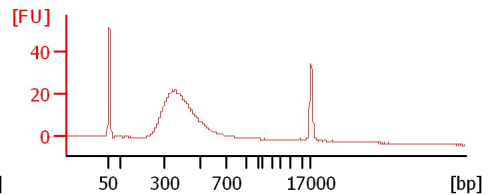
Super-2.5



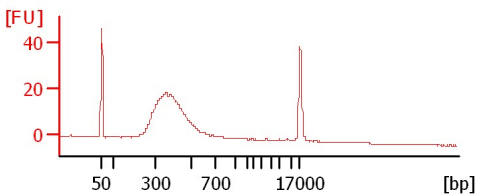
Super-3.1



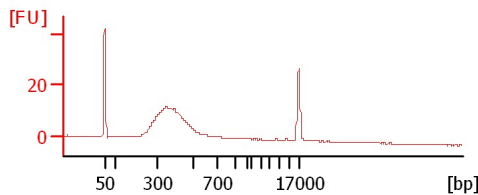
Super-3.5



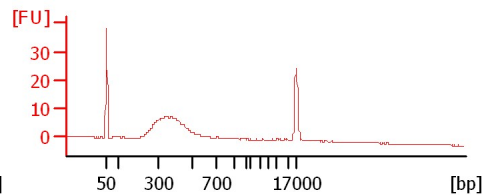
35L_LT3D_BHK



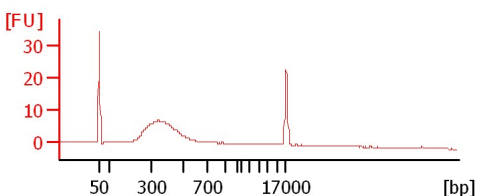
31N_LT3D_BHK



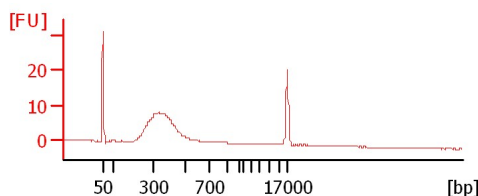
33L_LT3D_BHK



IVT



pG



Assay Class: DNA 12000
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-01\2017-08-01_002.xad

Created: 8/1/2017 11:17:25 AM
Modified: 8/1/2017 11:50:19 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
Super.1.1		<input type="checkbox"/>	✓			
Super.1.5		<input type="checkbox"/>	✓			
Super.-2.1		<input type="checkbox"/>	✓			
Super.-2.5		<input type="checkbox"/>	✓			
Super.-3.1		<input type="checkbox"/>	✓			
Super.-3.5		<input type="checkbox"/>	✓			
35L_LT3D_BHK		<input type="checkbox"/>	✓			
31N_LT3D_BHK		<input type="checkbox"/>	✓			
33L_LT3D_BHK		<input type="checkbox"/>	✓			
IVT		<input type="checkbox"/>	✓			
pG		<input type="checkbox"/>	✓			
Sample 12		<input type="checkbox"/>				
Ladder		<input type="checkbox"/>	✓			

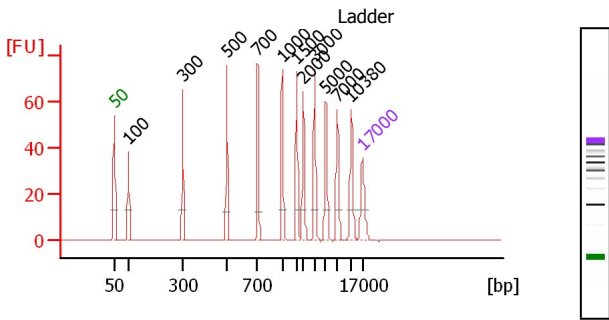
Chip Lot # **Reagent Kit Lot #**

Chip Comments :

Assay Class: DNA 12000
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-01\2017-08-01_002.xad

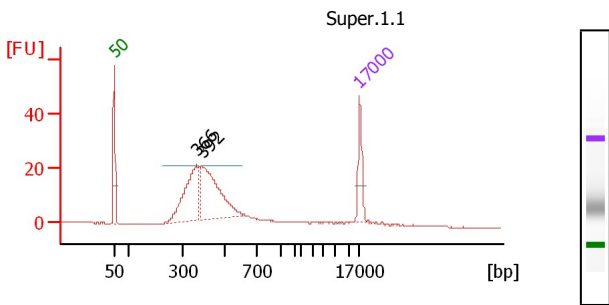
Created: 8/1/2017 11:17:25 AM
 Modified: 8/1/2017 11:50:19 AM

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

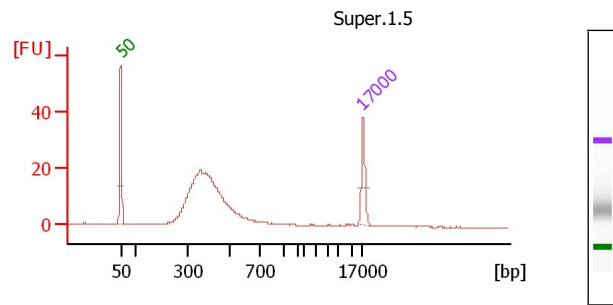


Overall Results for sample 1 : Super.1.1

Number of peaks found: 2

Peak table for sample 1 : Super.1.1

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	366	10.24	42.4	
3	392	12.78	49.5	
4	17,000	4.20	0.4	Upper Marker



Overall Results for sample 2 : Super.1.5

Number of peaks found: 0

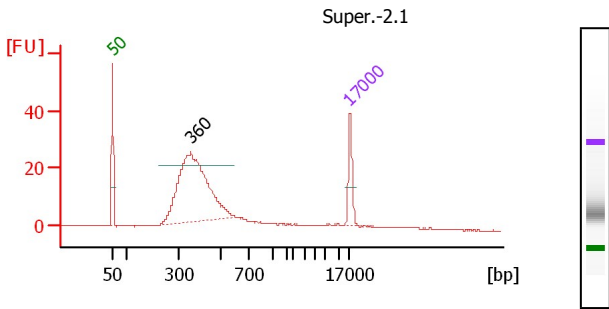
Peak table for sample 2 : Super.1.5

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

Assay Class: DNA 12000
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-01\2017-08-01_002.xad

Created: 8/1/2017 11:17:25 AM
 Modified: 8/1/2017 11:50:19 AM

Electropherogram Summary Continued ...

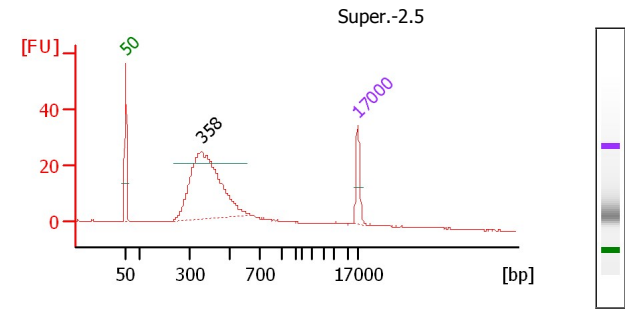


Overall Results for sample 3 : Super.-2.1

Number of peaks found: 1

Peak table for sample 3 : Super.-2.1

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	360	32.98	139.0	
3	17,000	4.20	0.4	Upper Marker

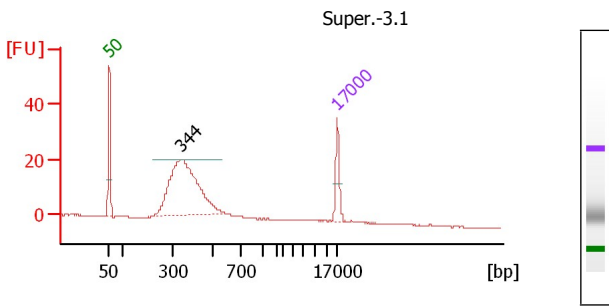


Overall Results for sample 4 : Super.-2.5

Number of peaks found: 1

Peak table for sample 4 : Super.-2.5

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	338	37.64	159.4	
3	17,000	4.20	0.4	Upper Marker

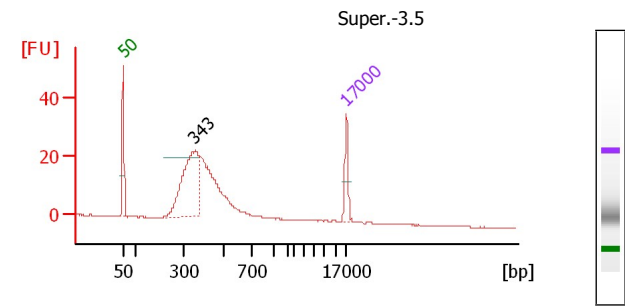


Overall Results for sample 5 : Super.-3.1

Number of peaks found: 1

Peak table for sample 5 : Super.-3.1

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	344	30.62	134.8	
3	17,000	4.20	0.4	Upper Marker



Overall Results for sample 6 : Super.-3.5

Number of peaks found: 1

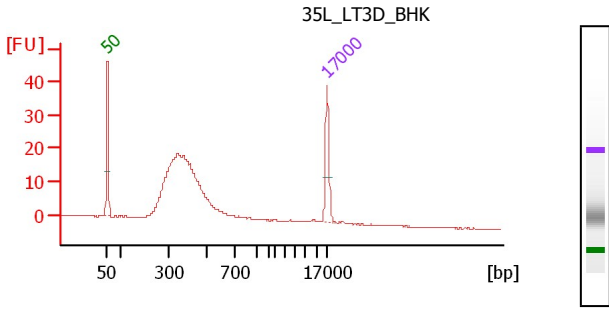
Peak table for sample 6 : Super.-3.5

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	343	21.05	93.0	
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_002.xad

Created: 8/1/2017 11:17:25 AM
 Modified: 8/1/2017 11:50:19 AM

Electropherogram Summary Continued ...

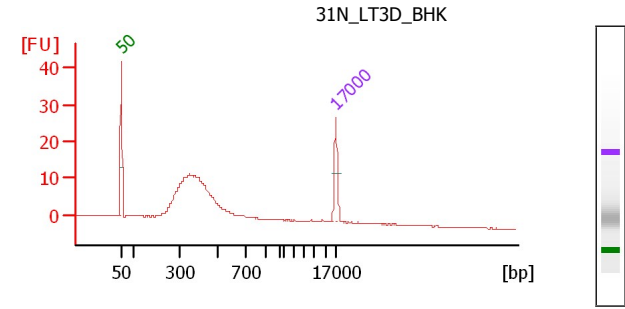


Overall Results for sample 7 : 35L_LT3D_BHK

Number of peaks found: 0

Peak table for sample 7 : 35L_LT3D_BHK

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

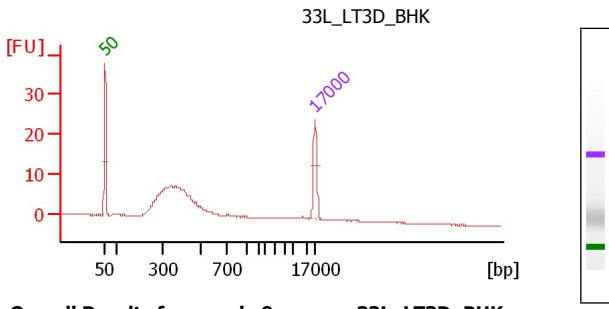


Overall Results for sample 8 : 31N_LT3D_BHK

Number of peaks found: 0

Peak table for sample 8 : 31N_LT3D_BHK

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

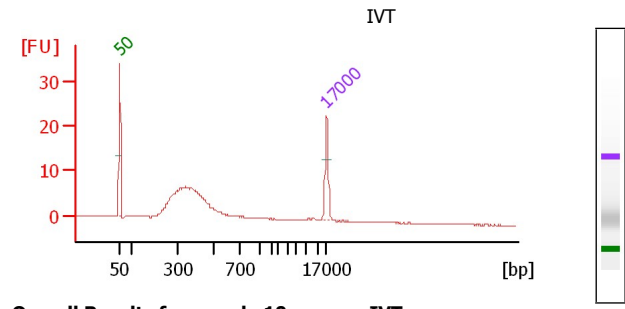


Overall Results for sample 9 : 33L_LT3D_BHK

Number of peaks found: 0

Peak table for sample 9 : 33L_LT3D_BHK

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 10 : IVT

Number of peaks found: 0

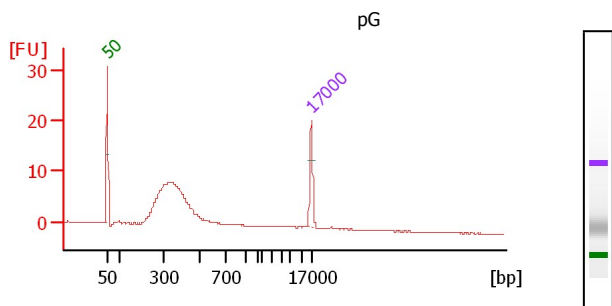
Peak table for sample 10 : IVT

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

Assay Class: DNA 12000
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-01\2017-08-01_002.xad

Created: 8/1/2017 11:17:25 AM
 Modified: 8/1/2017 11:50:19 AM

Electropherogram Summary Continued ...



Overall Results for sample 11 : pG

Number of peaks found: 0

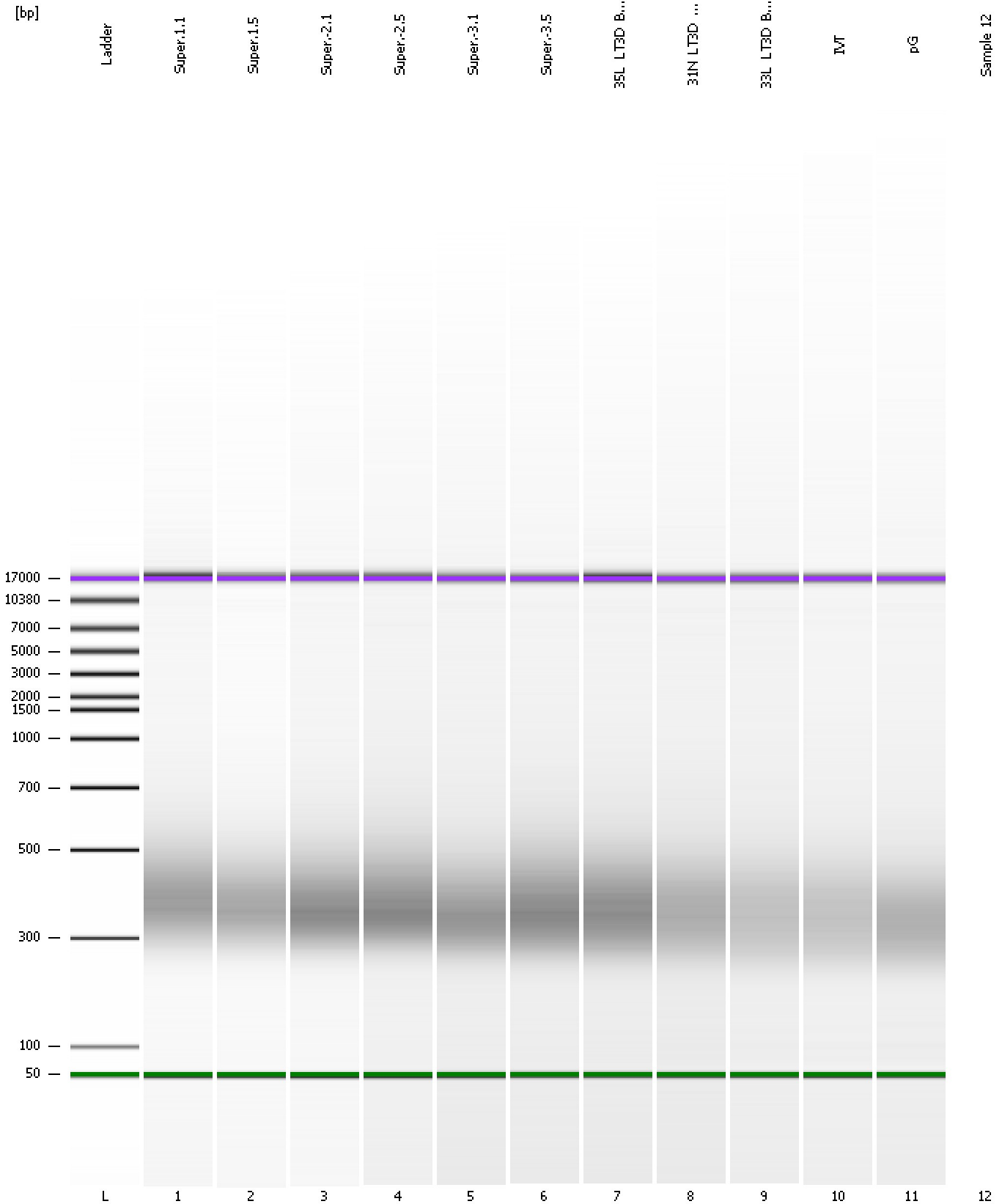
Peak table for sample 11 : pG

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

Assay Class: DNA 12000
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-01\2017-08-01_002.xad

Created: 8/1/2017 11:17:25 AM
Modified: 8/1/2017 11:50:19 AM

Gel Image

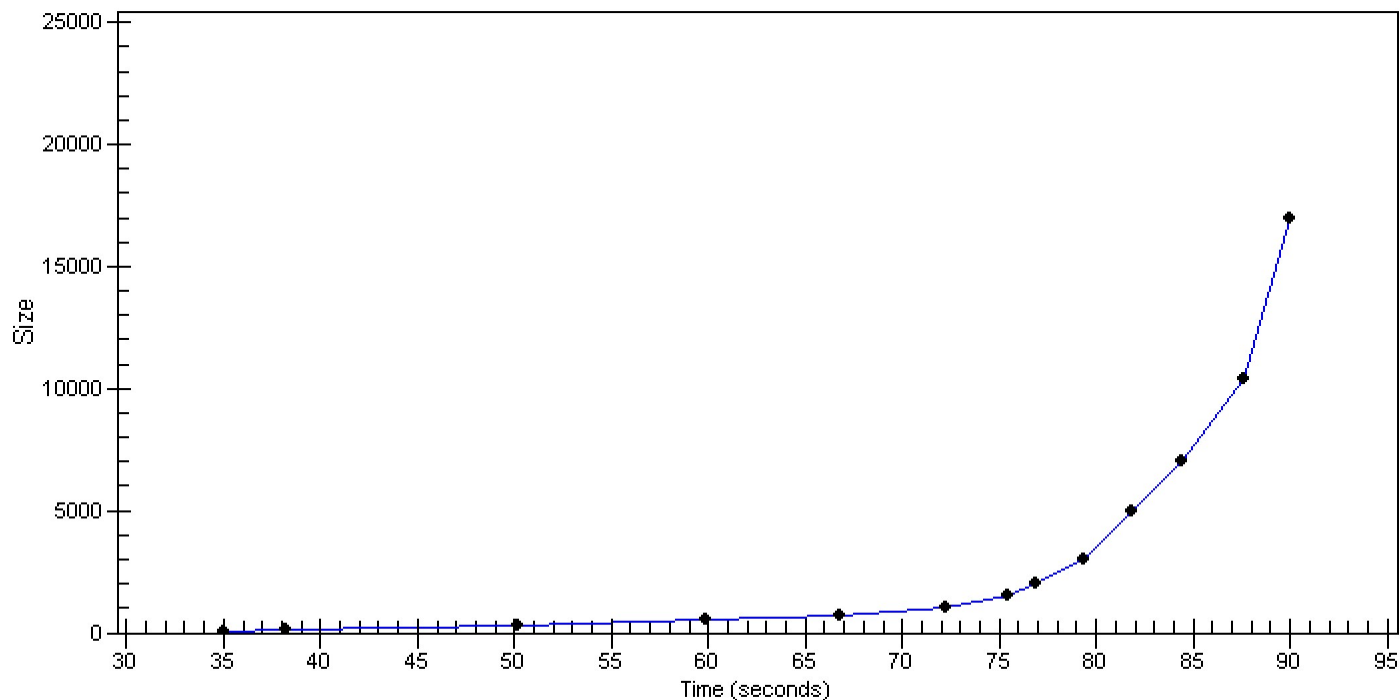


Assay Class: DNA 12000
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-01\2017-08-01_002.xad

Created: 8/1/2017 11:17:25 AM
Modified: 8/1/2017 11:50:19 AM

Curves

Standard Curve



Assay Class: DNA 12000
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-01\2017-08-01_002.xad

Created: 8/1/2017 11:17:25 AM
Modified: 8/1/2017 11:50:19 AM

Invalid Samples

Sample 12 has not been run, no results available.