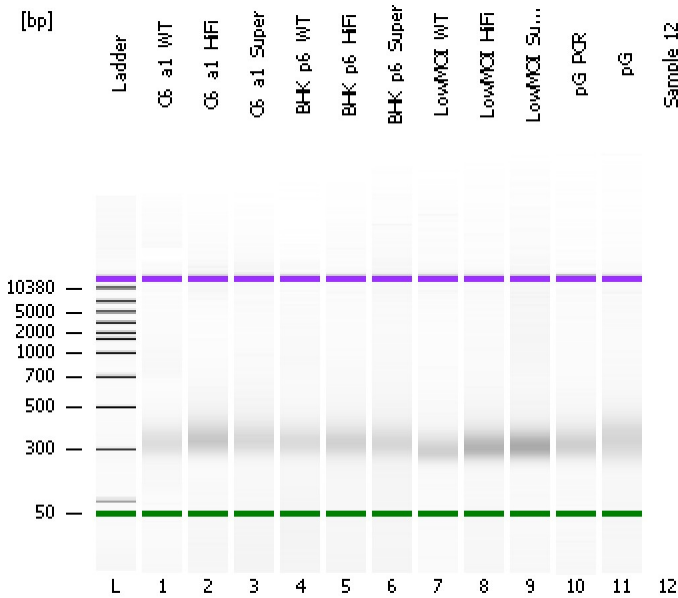


Assay Class: DNA 12000  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-09-13\2017-09-13\_001.xad

Created: 9/13/2017 9:30:10 AM  
Modified: 9/13/2017 10:03:03 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 #:

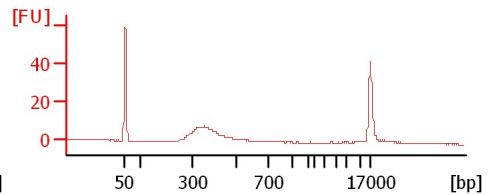
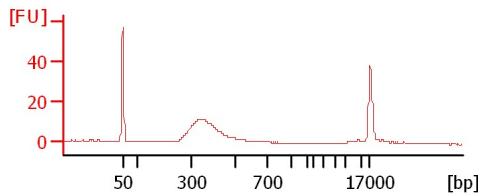
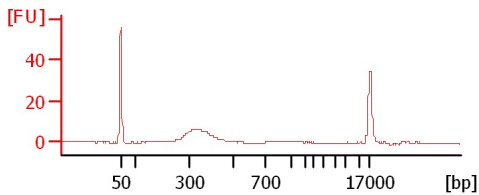
Reagent Kit Lot #:

Chip Comments:

C6\_a1\_WT

C6\_a1\_HiFi

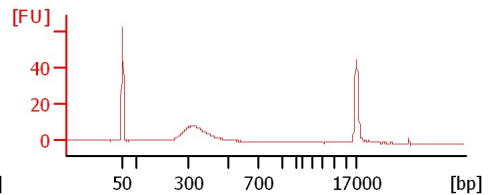
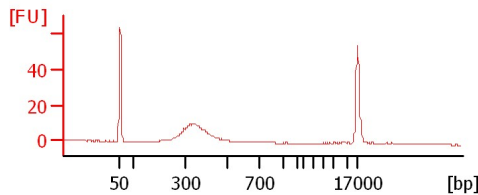
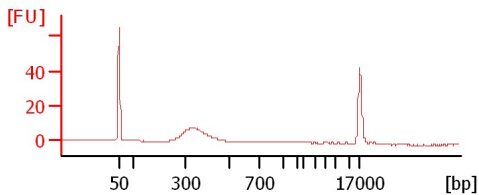
C6\_a1\_Super



BHK\_p6\_WT

BHK\_p6\_HiFi

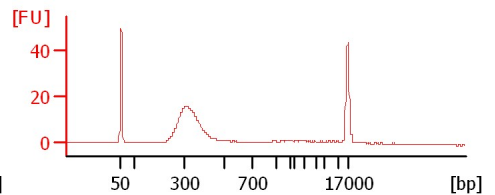
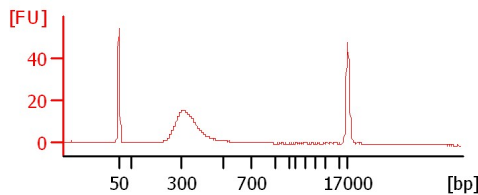
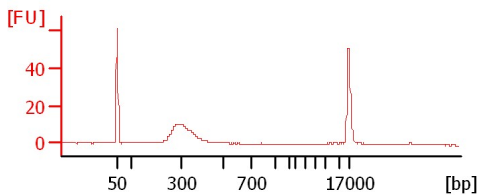
BHK\_p6\_Super



LowMOI\_WT

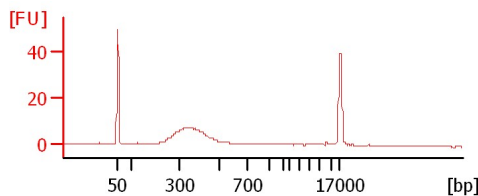
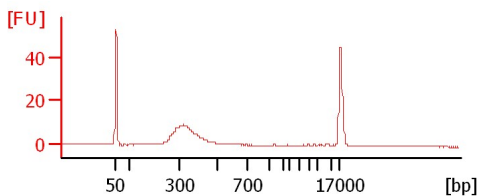
LowMOI\_HiFi

LowMOI\_Super



pG\_PCR

pG



Assay Class: DNA 12000  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-09-13\2017-09-13\_001.xad

Created: 9/13/2017 9:30:10 AM  
Modified: 9/13/2017 10:03:03 AM

**Electrophoresis File Run Summary (Chip Summary)**

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
C6_a1_WT		<input type="checkbox"/>	✓			
C6_a1_HiFi		<input type="checkbox"/>	✓			
C6_a1_Super		<input type="checkbox"/>	✓			
BHK_p6_WT		<input type="checkbox"/>	✓			
BHK_p6_HiFi		<input type="checkbox"/>	✓			
BHK_p6_Super		<input type="checkbox"/>	✓			
LowMOI_WT		<input type="checkbox"/>	✓			
LowMOI_HiFi		<input type="checkbox"/>	✓			
LowMOI_Super		<input type="checkbox"/>	✓			
pG_PCR		<input type="checkbox"/>	✓			
pG		<input type="checkbox"/>	✓			
Sample 12		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

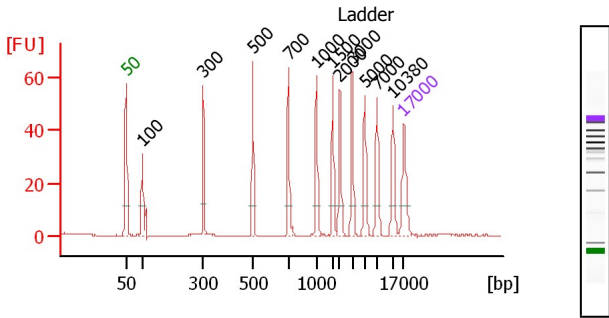
**Chip Lot #** **Reagent Kit Lot #**

**Chip Comments :**

Assay Class: DNA 12000  
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-09-13\2017-09-13\_001.xad

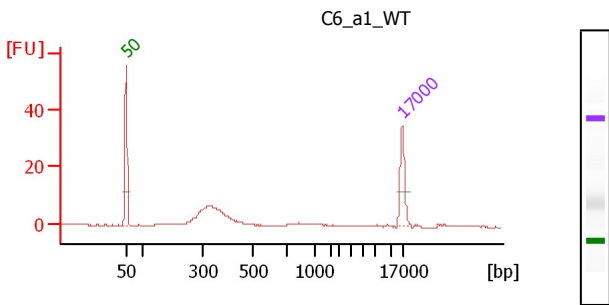
Created: 9/13/2017 9:30:10 AM  
 Modified: 9/13/2017 10:03:03 AM

**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

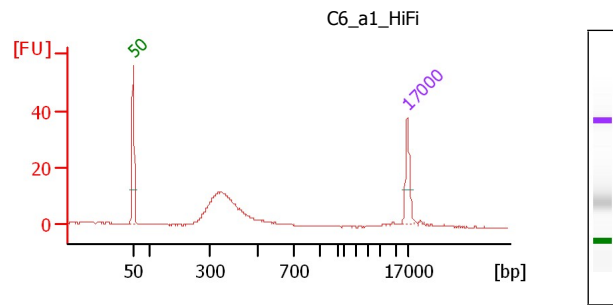


**Overall Results for sample 1 : C6\_a1\_WT**

Number of peaks found: 0

**Peak table for sample 1 : C6\_a1\_WT**

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 2 : C6\_a1\_HiFi**

Number of peaks found: 0

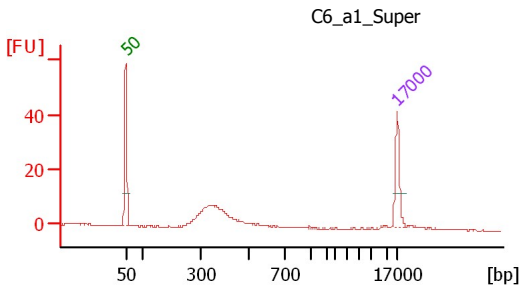
**Peak table for sample 2 : C6\_a1\_HiFi**

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\2017-09-13\2017-09-13\_001.xad

Created: 9/13/2017 9:30:10 AM  
 Modified: 9/13/2017 10:03:03 AM

**Electropherogram Summary Continued ...**

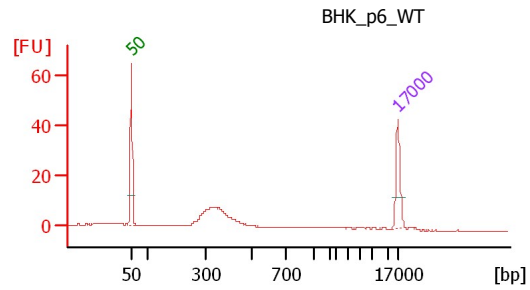


**Overall Results for sample 3 : C6\_a1\_Super**

Number of peaks found: 0

**Peak table for sample 3 : C6\_a1\_Super**

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

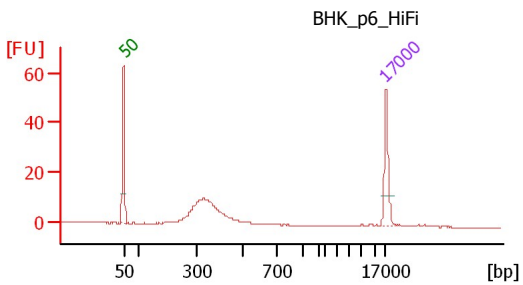


**Overall Results for sample 4 : BHK\_p6\_WT**

Number of peaks found: 0

**Peak table for sample 4 : BHK\_p6\_WT**

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

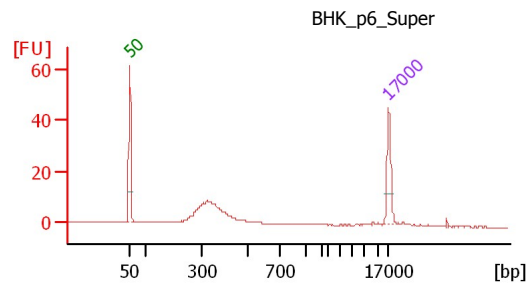


**Overall Results for sample 5 : BHK\_p6\_HiFi**

Number of peaks found: 0

**Peak table for sample 5 : BHK\_p6\_HiFi**

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 6 : BHK\_p6\_Super**

Number of peaks found: 0

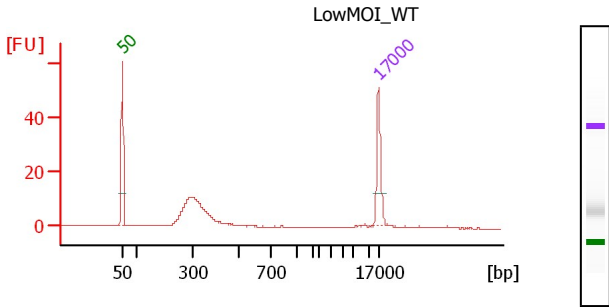
**Peak table for sample 6 : BHK\_p6\_Super**

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\2017-09-13\2017-09-13\_001.xad

Created: 9/13/2017 9:30:10 AM  
 Modified: 9/13/2017 10:03:03 AM

**Electropherogram Summary Continued ...**

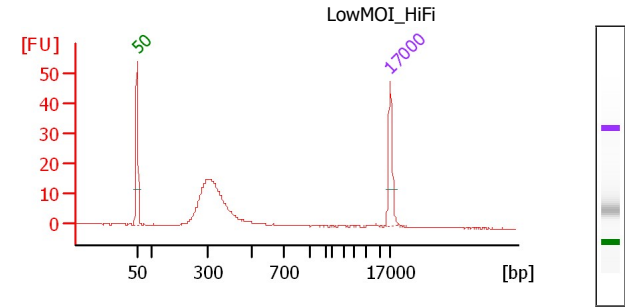


**Overall Results for sample 7 : LowMOI\_WT**

Number of peaks found: 0

**Peak table for sample 7 : LowMOI\_WT**

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

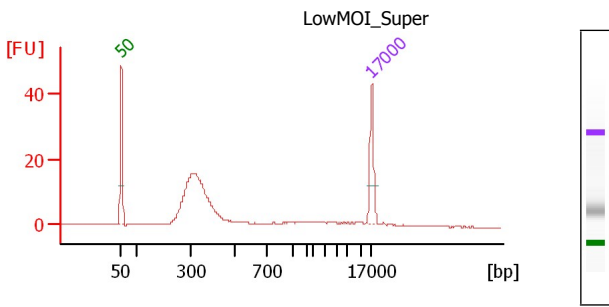


**Overall Results for sample 8 : LowMOI\_HiFi**

Number of peaks found: 0

**Peak table for sample 8 : LowMOI\_HiFi**

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

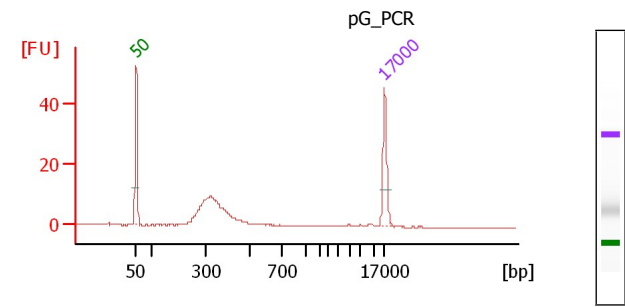


**Overall Results for sample 9 : LowMOI\_Super**

Number of peaks found: 0

**Peak table for sample 9 : LowMOI\_Super**

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 : pG\_PCR**

Number of peaks found: 0

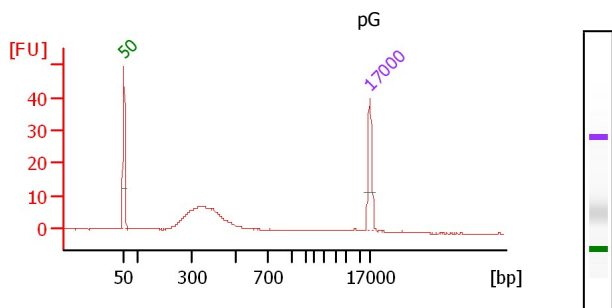
**Peak table for sample 10 : pG\_PCR**

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\2017-09-13\2017-09-13\_001.xad

Created: 9/13/2017 9:30:10 AM  
 Modified: 9/13/2017 10:03:03 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 11 : pG**

Number of peaks found: 0

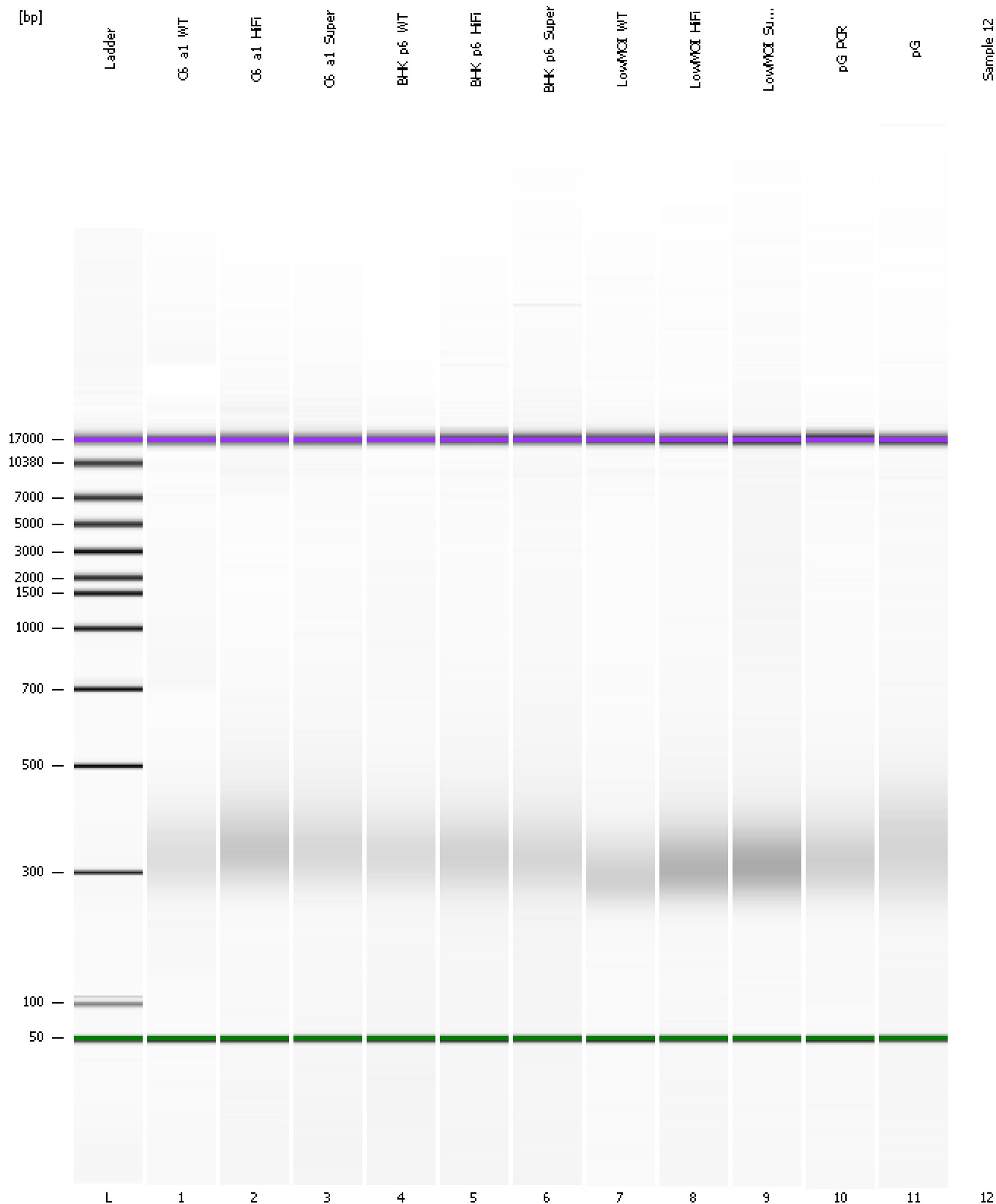
**Peak table for sample 11 : pG**

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\2017-09-13\2017-09-13\_001.xad

Created: 9/13/2017 9:30:10 AM  
Modified: 9/13/2017 10:03:03 AM

**Gel Image**



Assay Class: DNA 12000  
Data Path: C:\... bioanalyzer\2100 expert\data\2017-09-13\2017-09-13\_001.xad

Created: 9/13/2017 9:30:10 AM  
Modified: 9/13/2017 10:03:03 AM

**Invalid Samples**

Sample 12 has not been run, no results available.