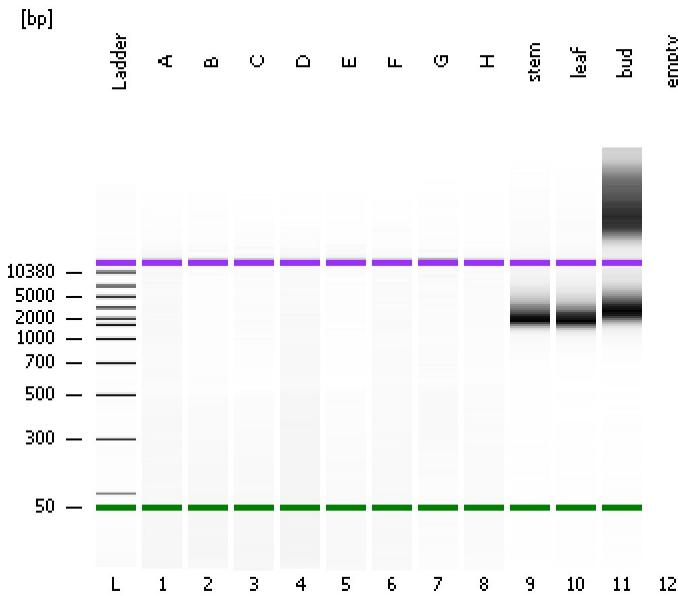


Assay Class: DNA 12000
Data Path: C:\... bioanalyzer\2100 expert\data\2017-12-05\2017-12-05_002.xad

Created: 12/5/2017 2:01:39 PM
Modified: 12/6/2017 12:40:08 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\DNA 12000 Series II.xsy

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

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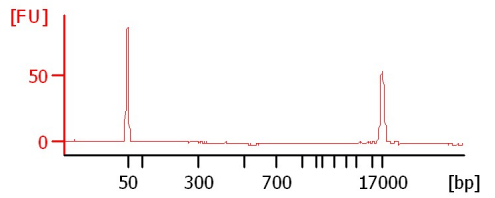
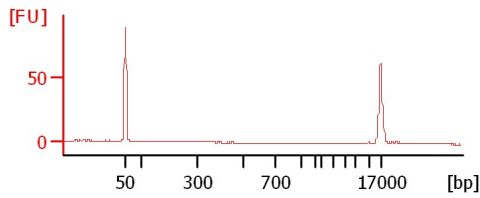
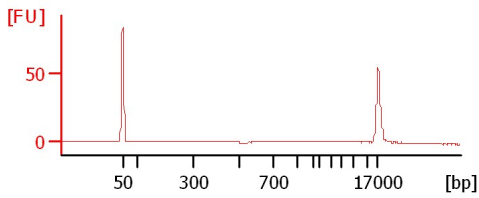
Chip Information:

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

A

B

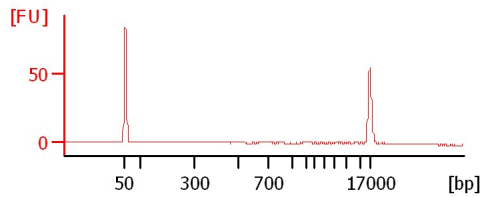
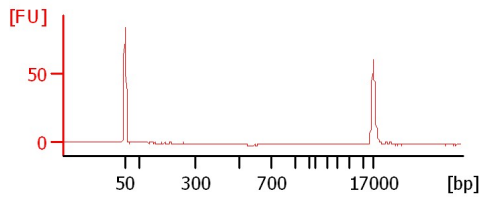
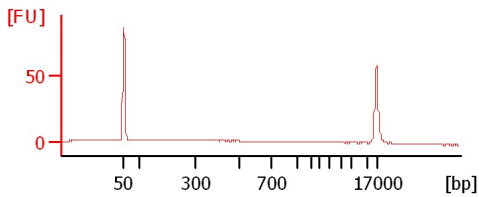
C



D

E

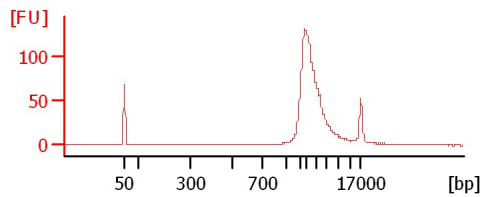
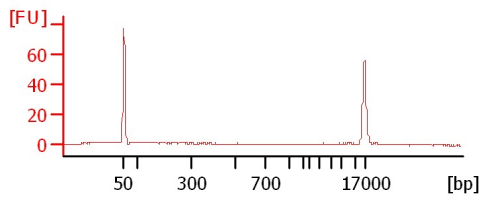
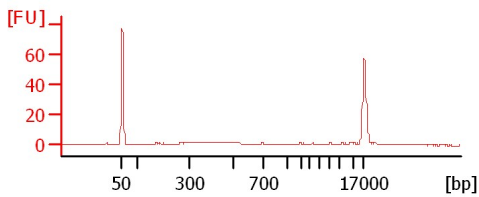
F



G

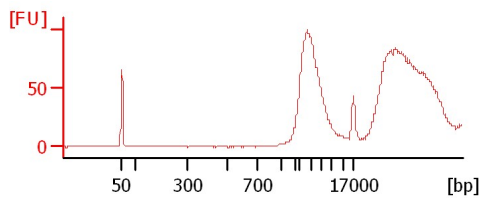
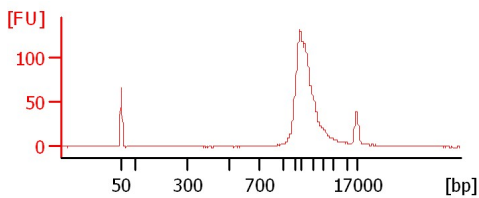
H

stem



leaf

bud



Assay Class: DNA 12000
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-12-05\2017-12-05_002.xad

Created: 12/5/2017 2:01:39 PM
 Modified: 12/6/2017 12:40:08 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
A		<input type="checkbox"/>	✓			
B		<input type="checkbox"/>	✓			
C		<input type="checkbox"/>	✓			
D		<input type="checkbox"/>	✓			
E		<input type="checkbox"/>	✓			
F		<input type="checkbox"/>	✓			
G		<input type="checkbox"/>	✓			
H		<input type="checkbox"/>	✓			
stem		<input type="checkbox"/>	✓			
leaf		<input type="checkbox"/>	✓			
bud		<input type="checkbox"/>	✓			
empty		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

Chip Lot #

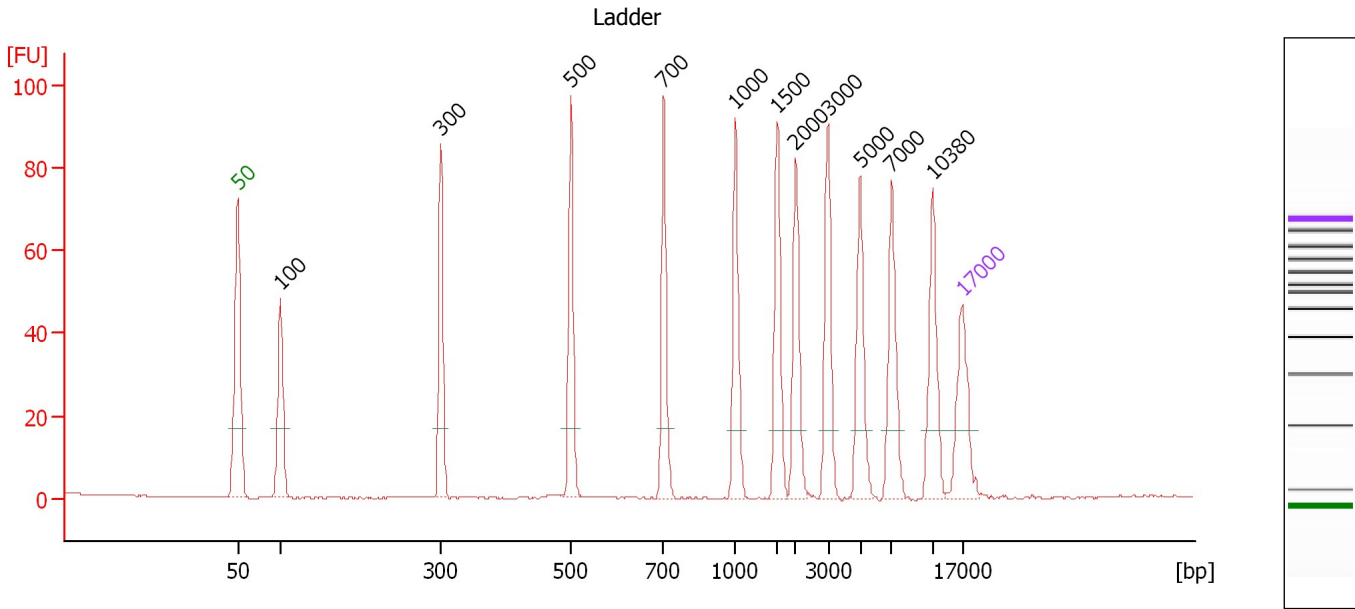
Reagent Kit Lot #

Chip Comments :

Assay Class: DNA 12000
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-12-05\2017-12-05_002.xad

Created: 12/5/2017 2:01:39 PM
 Modified: 12/6/2017 12:40:08 PM

Electropherogram Summary



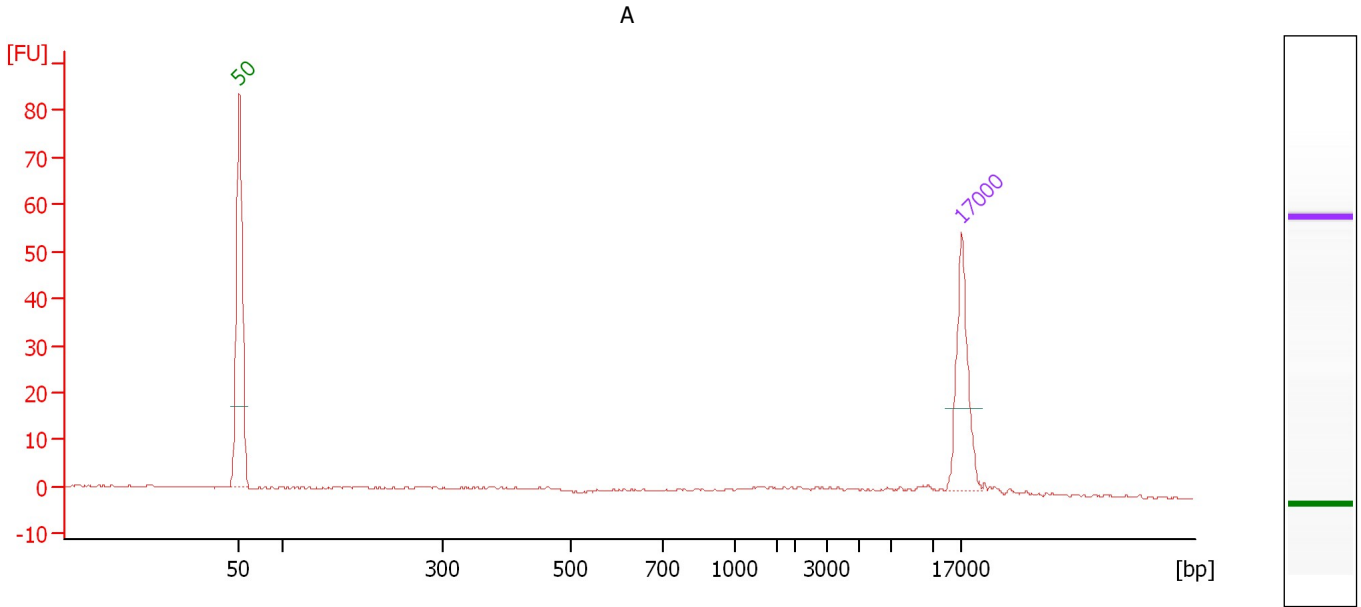
Peak table for Ladder

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

Assay Class: DNA 12000
Data Path: C:\... bioanalyzer\2100 expert\data\2017-12-05\2017-12-05_002.xad

Created: 12/5/2017 2:01:39 PM
Modified: 12/6/2017 12:40:08 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : A

Number of peaks found: 0

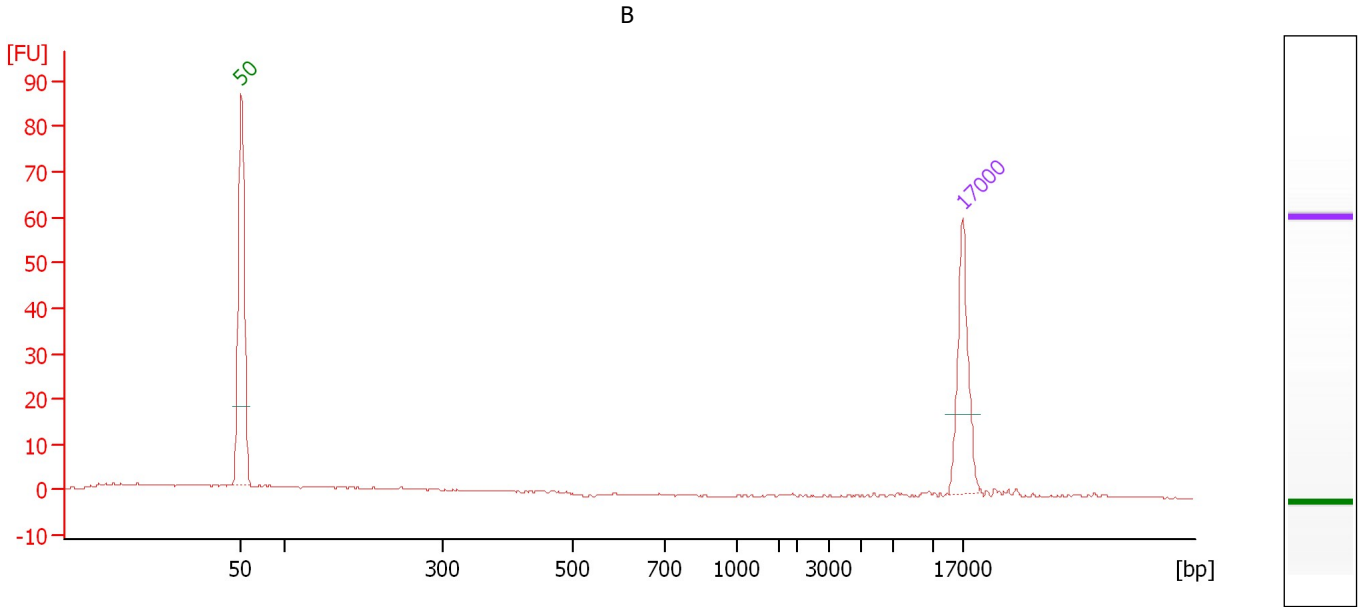
Peak table for sample 1 : A

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\2017-12-05\2017-12-05_002.xad

Created: 12/5/2017 2:01:39 PM
Modified: 12/6/2017 12:40:08 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : B

Number of peaks found: 0

Peak table for sample 2 : B

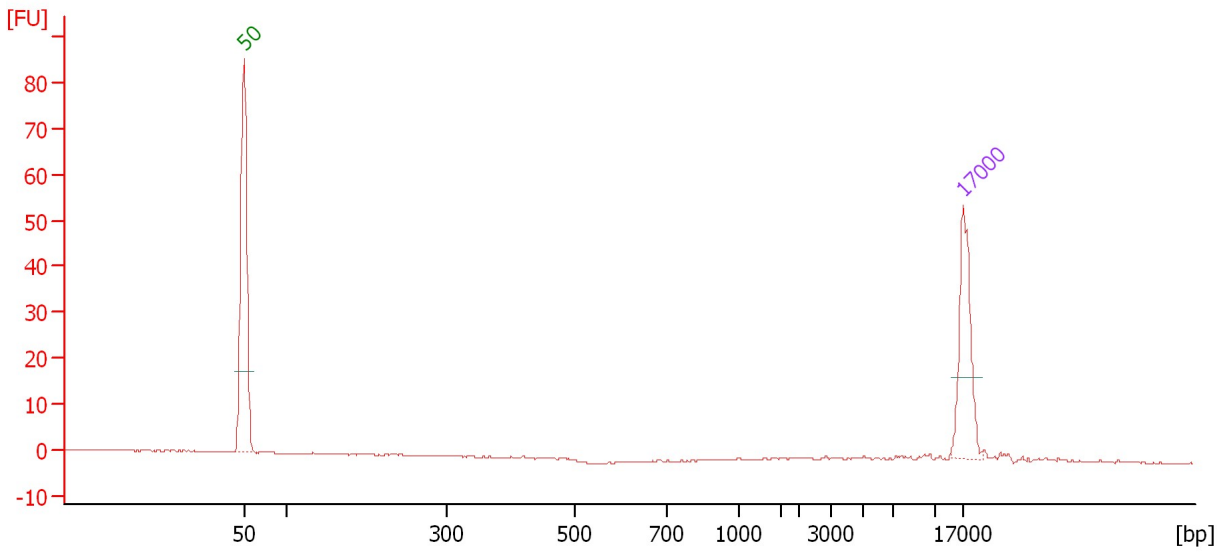
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	17,000	4.20	0.4	Upper Marker

Assay Class: DNA 12000
Data Path: C:\... bioanalyzer\2100 expert\data\2017-12-05\2017-12-05_002.xad

Created: 12/5/2017 2:01:39 PM
Modified: 12/6/2017 12:40:08 PM

Electropherogram Summary Continued ...

C



Overall Results for sample 3 : C

Number of peaks found: 0

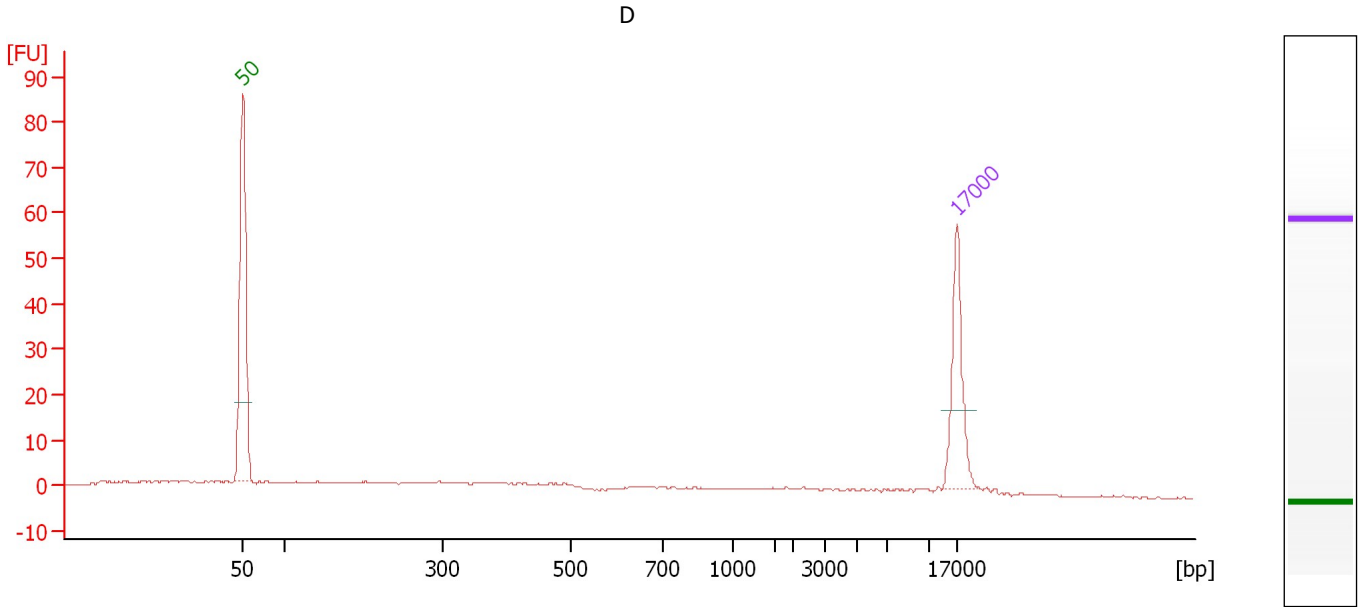
Peak table for sample 3 : C

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\2017-12-05\2017-12-05_002.xad

Created: 12/5/2017 2:01:39 PM
Modified: 12/6/2017 12:40:08 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : D

Number of peaks found: 0

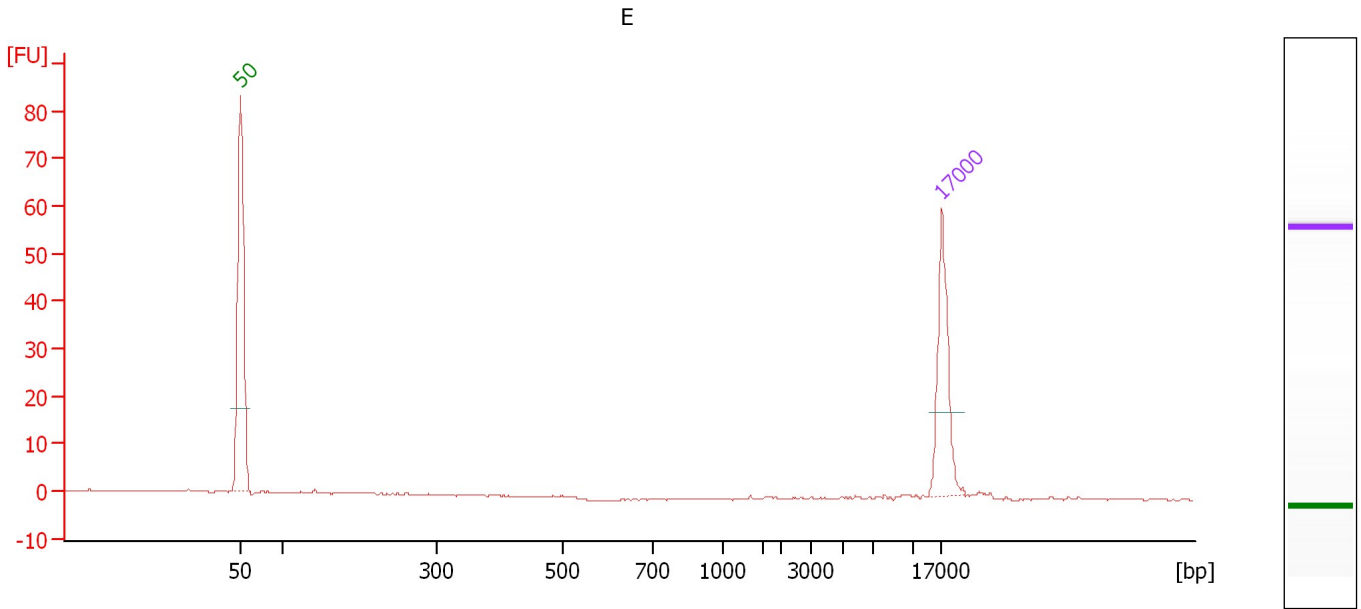
Peak table for sample 4 : D

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\2017-12-05\2017-12-05_002.xad

Created: 12/5/2017 2:01:39 PM
Modified: 12/6/2017 12:40:08 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : E

Number of peaks found: 0

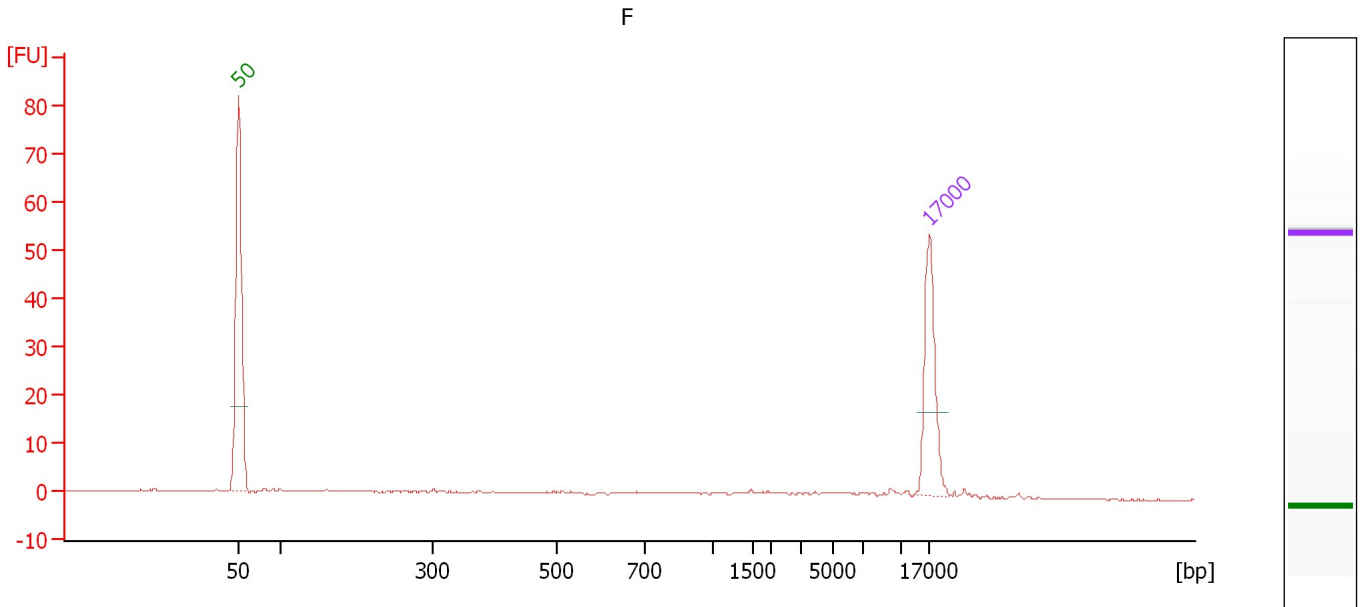
Peak table for sample 5 : E

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\2017-12-05\2017-12-05_002.xad

Created: 12/5/2017 2:01:39 PM
Modified: 12/6/2017 12:40:08 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : F

Number of peaks found: 0

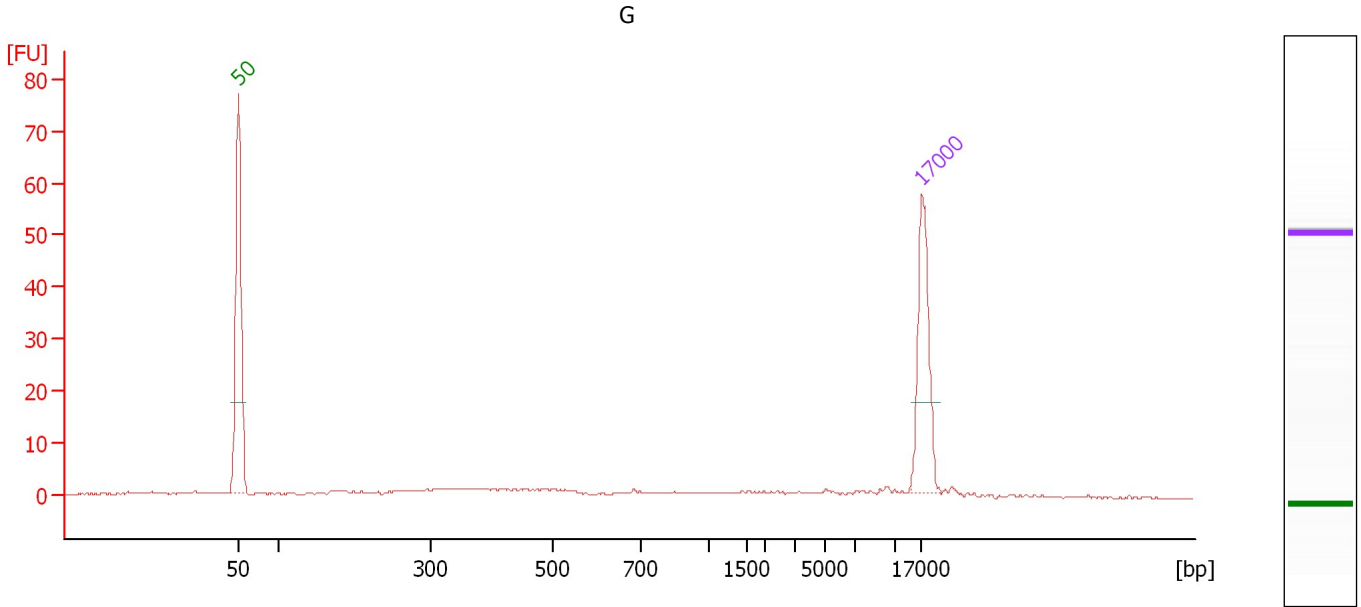
Peak table for sample 6 : F

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\2017-12-05\2017-12-05_002.xad

Created: 12/5/2017 2:01:39 PM
Modified: 12/6/2017 12:40:08 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : G

Number of peaks found: 0

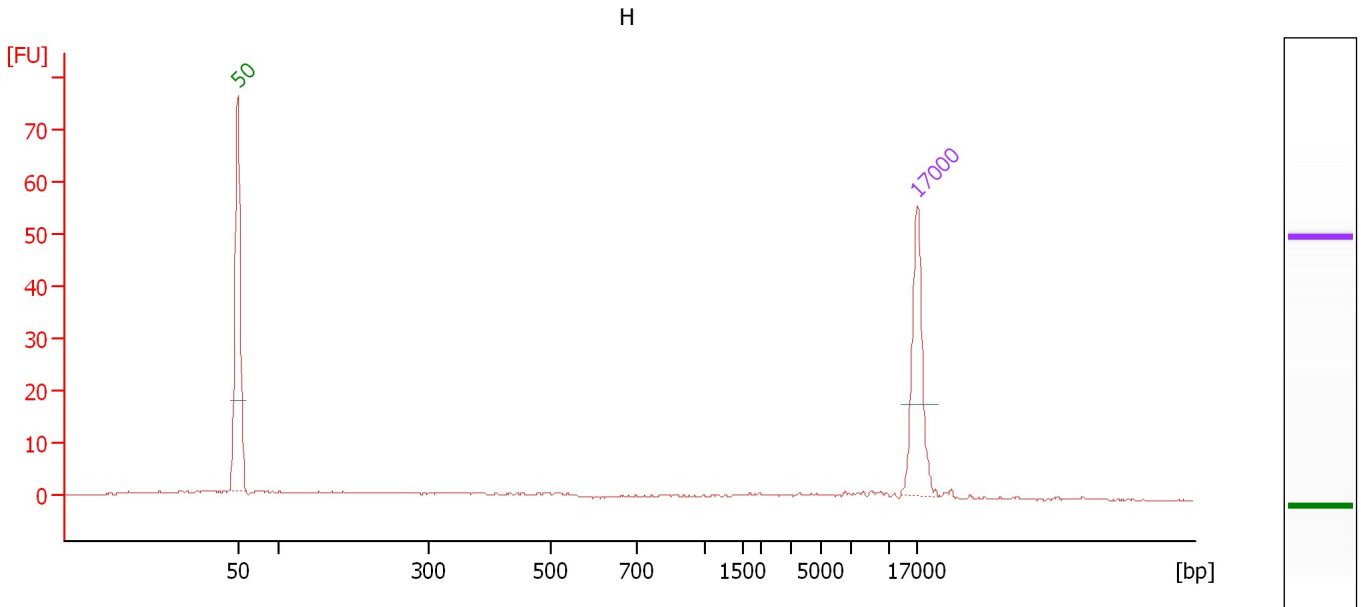
Peak table for sample 7 : G

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\2017-12-05\2017-12-05_002.xad

Created: 12/5/2017 2:01:39 PM
Modified: 12/6/2017 12:40:08 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : H

Number of peaks found: 0

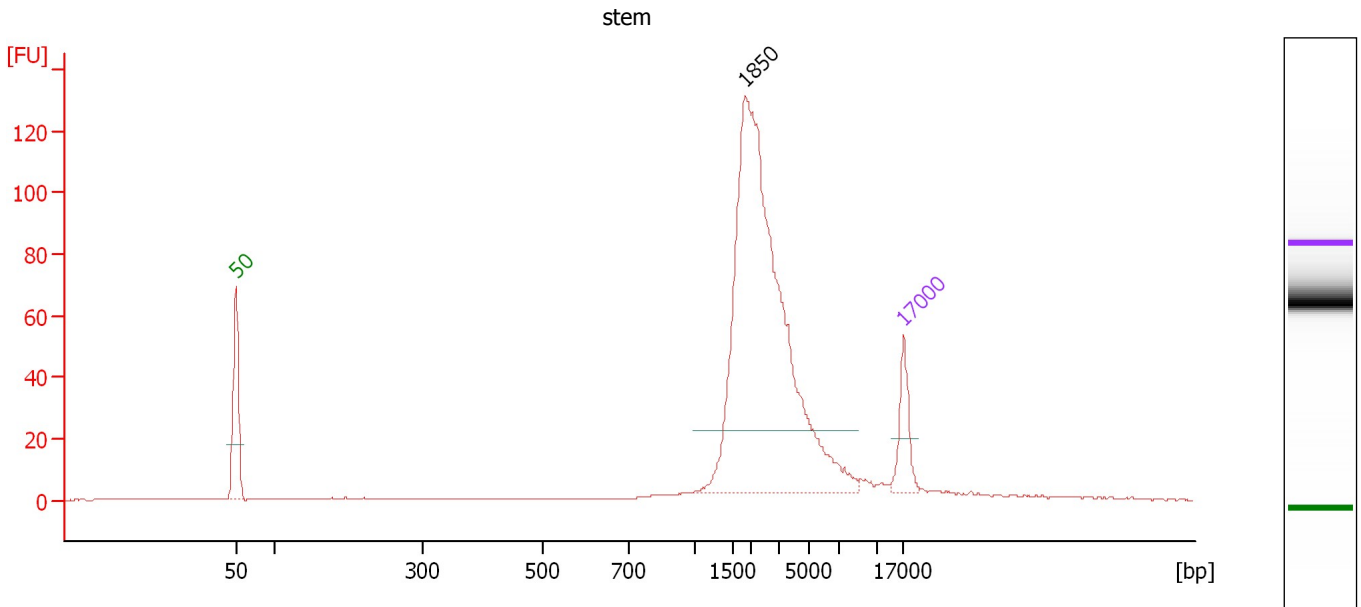
Peak table for sample 8 : H

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\2017-12-05\2017-12-05_002.xad

Created: 12/5/2017 2:01:39 PM
Modified: 12/6/2017 12:40:08 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : stem

Number of peaks found: 1

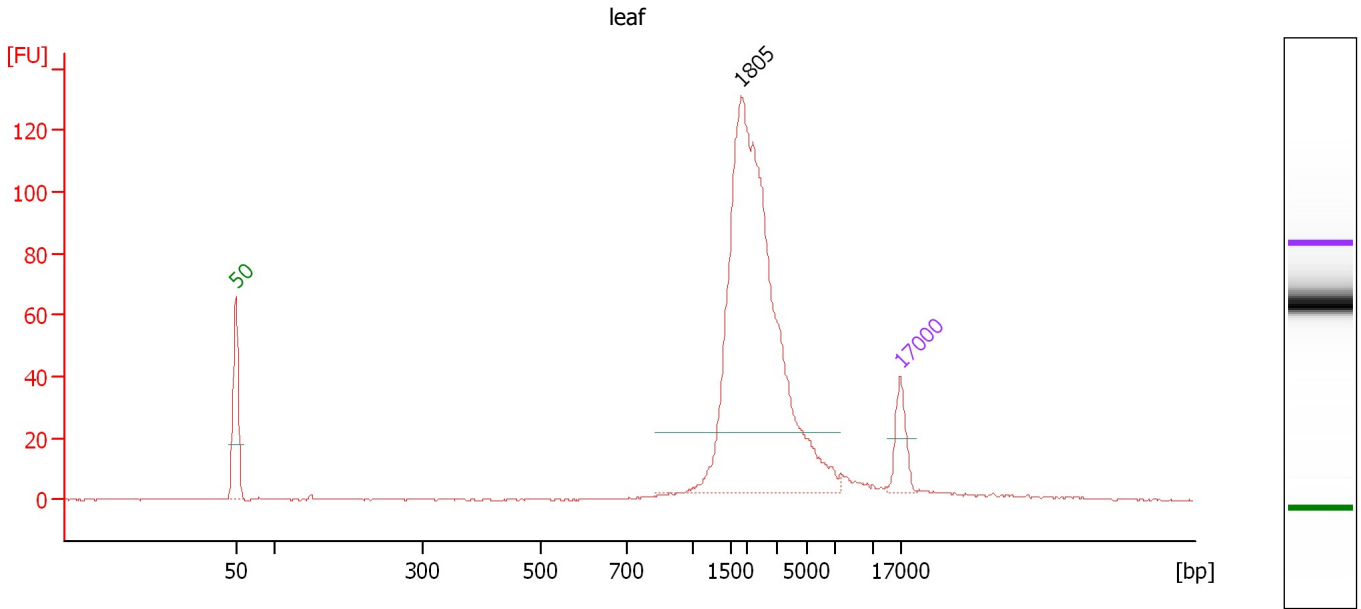
Peak table for sample 9 : stem

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	1,850	61.85	50.6	
3	17,000	4.20	0.4	Upper Marker

Assay Class: DNA 12000
Data Path: C:\... bioanalyzer\2100 expert\data\2017-12-05\2017-12-05_002.xad

Created: 12/5/2017 2:01:39 PM
Modified: 12/6/2017 12:40:08 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : leaf

Number of peaks found: 1

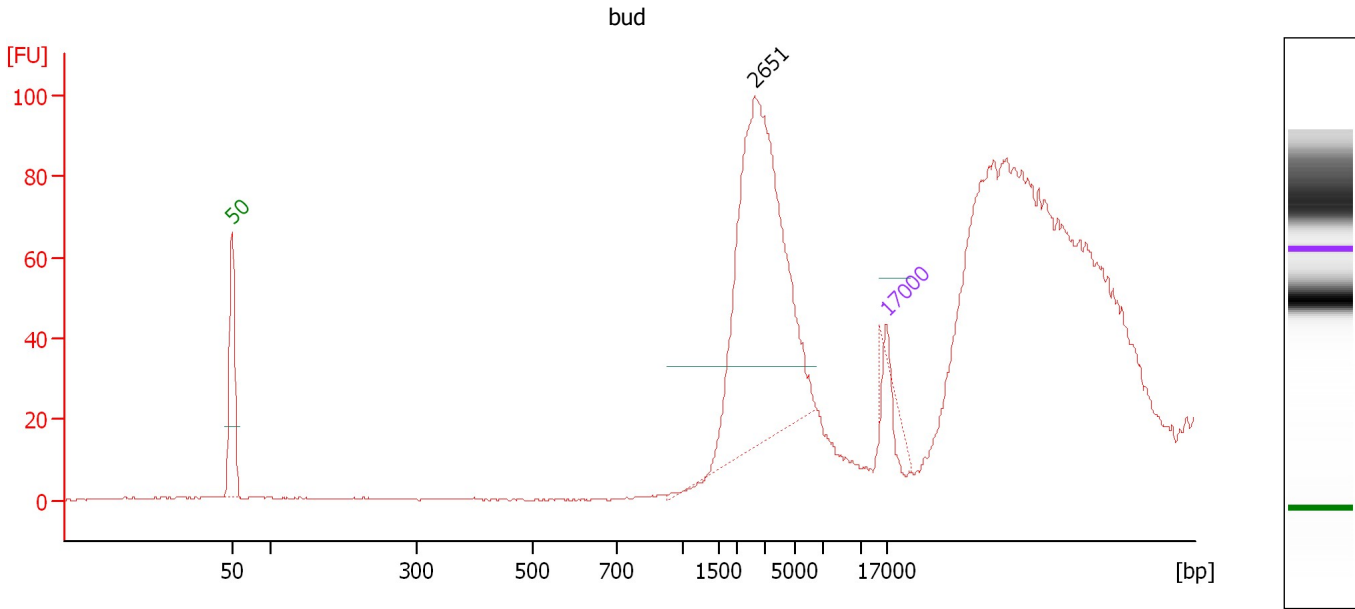
Peak table for sample 10 : leaf

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	1,805	70.80	59.4	
3	17,000	4.20	0.4	Upper Marker

Assay Class: DNA 12000
Data Path: C:\... bioanalyzer\2100 expert\data\2017-12-05\2017-12-05_002.xad

Created: 12/5/2017 2:01:39 PM
Modified: 12/6/2017 12:40:08 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : bud

Number of peaks found: 1

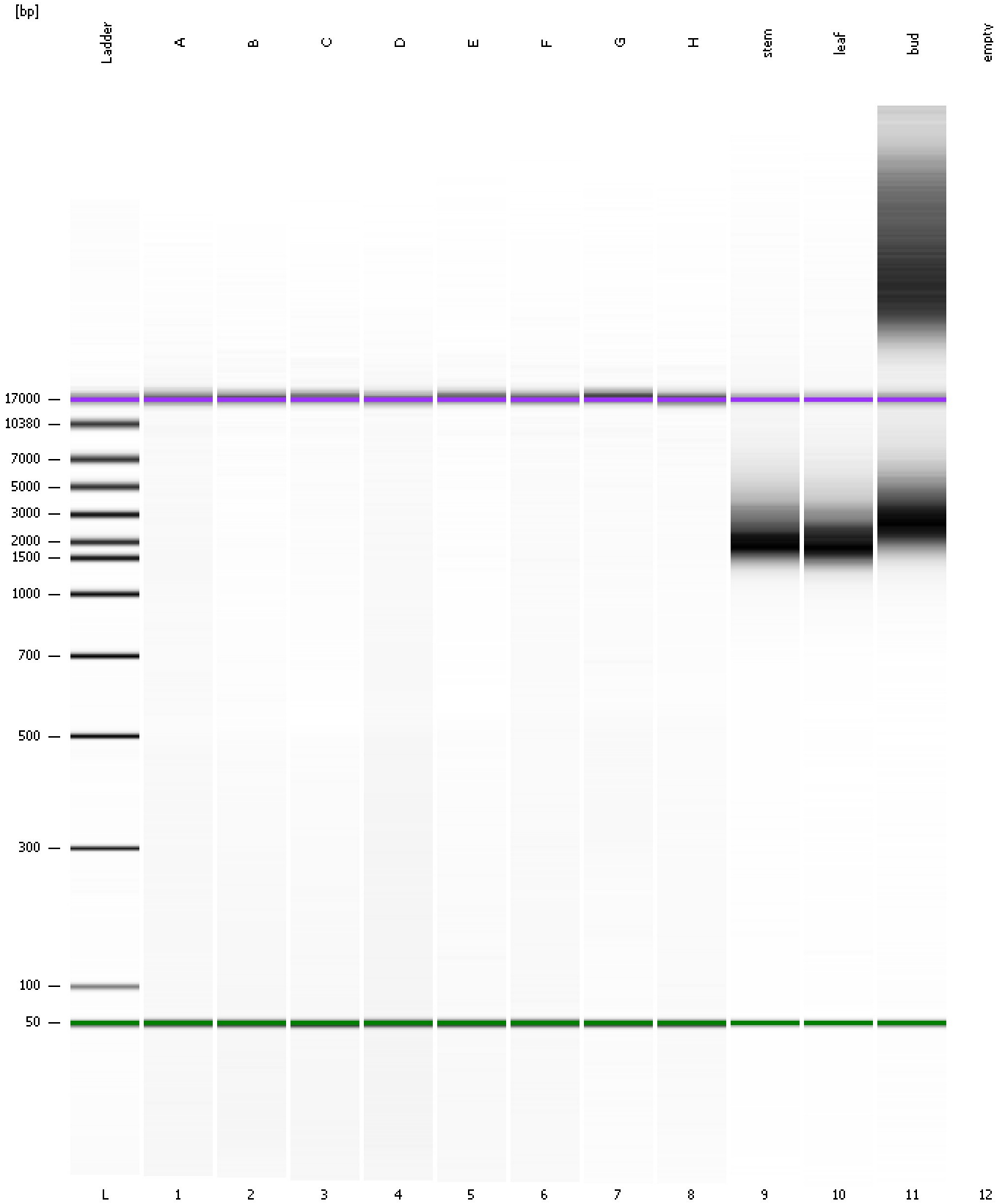
Peak table for sample 11 : bud

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	2,651	701.33	400.8	
3	17,000	4.20	0.4	Upper Marker

Assay Class: DNA 12000
Data Path: C:\... bioanalyzer\2100 expert\data\2017-12-05\2017-12-05_002.xad

Created: 12/5/2017 2:01:39 PM
Modified: 12/6/2017 12:40:08 PM

Gel Image



Assay Class: DNA 12000
Data Path: C:\... bioanalyzer\2100 expert\data\2017-12-05\2017-12-05_002.xad

Created: 12/5/2017 2:01:39 PM
Modified: 12/6/2017 12:40:08 PM

Invalid Samples

Sample 12 has not been run, no results available.