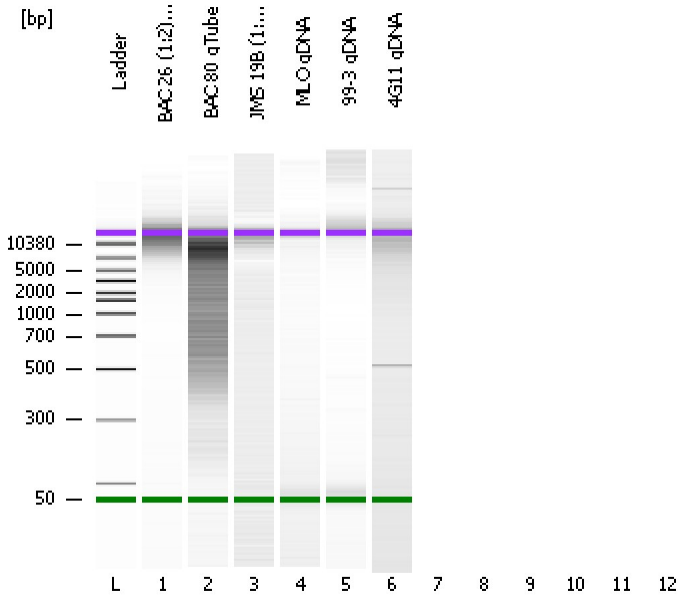


Assay Class: DNA 12000
Data Path: C:\...4-04-28\2100 expert_DNA 12000_DE13701086_2014-04-28_001.xad

Created: 4/28/2014 1:44:56 PM
Modified: 4/28/2014 2:09:30 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

© Copyright 2003-2009 Agilent Technologies, Inc.

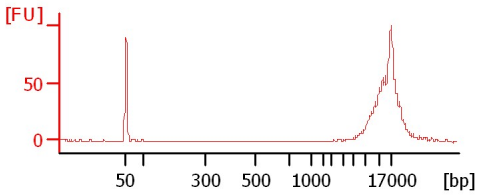
Chip Information:

Chip Lot #:

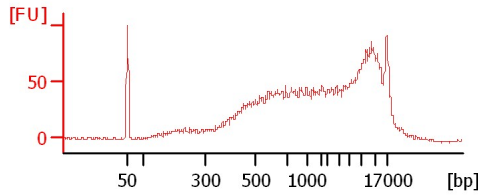
Reagent Kit Lot #:

Chip Comments:

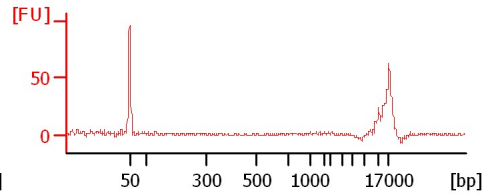
BAC 26 (1:2) gTube



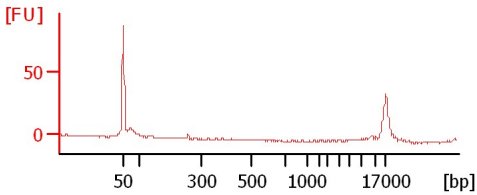
BAC 80 gTube



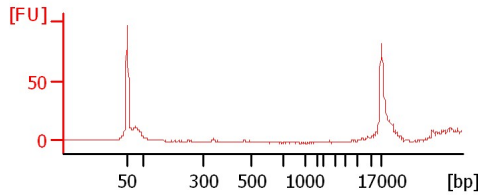
JMS 19B (1:2) gTube



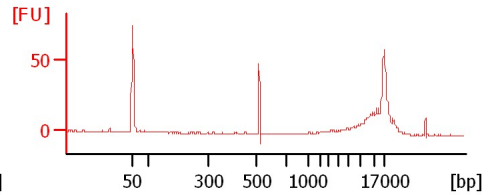
MLO gDNA



99-3 gDNA



4G11 gDNA



Assay Class: DNA 12000
 Data Path: C:\...4-04-28\2100 expert_DNA 12000_DE13701086_2014-04-28_001.xad

Created: 4/28/2014 1:44:56 PM
 Modified: 4/28/2014 2:09:30 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
BAC 26 (1:2) gTube		<input type="checkbox"/>	✓			
BAC 80 gTube		<input type="checkbox"/>	✓			
JMS 19B (1:2) gTube		<input type="checkbox"/>	✓			
MLO gDNA		<input type="checkbox"/>	✓			
99-3 gDNA		<input type="checkbox"/>	✓			
4G11 gDNA		<input type="checkbox"/>	✓			
		<input type="checkbox"/>				
		<input type="checkbox"/>				
		<input type="checkbox"/>				
		<input type="checkbox"/>				
		<input type="checkbox"/>				
Ladder		<input type="checkbox"/>	✓			

Chip Lot # **Reagent Kit Lot #**

Chip Comments :

Assay Class: DNA 12000
Data Path: C:\...4-04-28\2100 expert_DNA 12000_DE13701086_2014-04-28_001.xad

Created: 4/28/2014 1:44:56 PM
Modified: 4/28/2014 2:09:30 PM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 13
Minimum Visible Range [s] : 20
Maximum Visible Range [s] : 99
Start Analysis Time Range [s] : 20
End Analysis Time Range [s] : 98.95
Ladder Concentration [ng/μl] : 44
Uses Standard Area for Ladder Fragments
Lower Marker Concentration [ng/μl] : 8.3
Upper Marker Concentration [ng/μl] : 4.2
Used Upper Marker for Quantitation
This is a Qualitative Assay Only
Standard Curve Fit is Point to Point
Show Data Aligned to Lower and Upper Marker

Integrator Settings

Integration Start Time [s] : 20
Integration End Time [s] : 98.95
Slope Threshold : 0.8
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

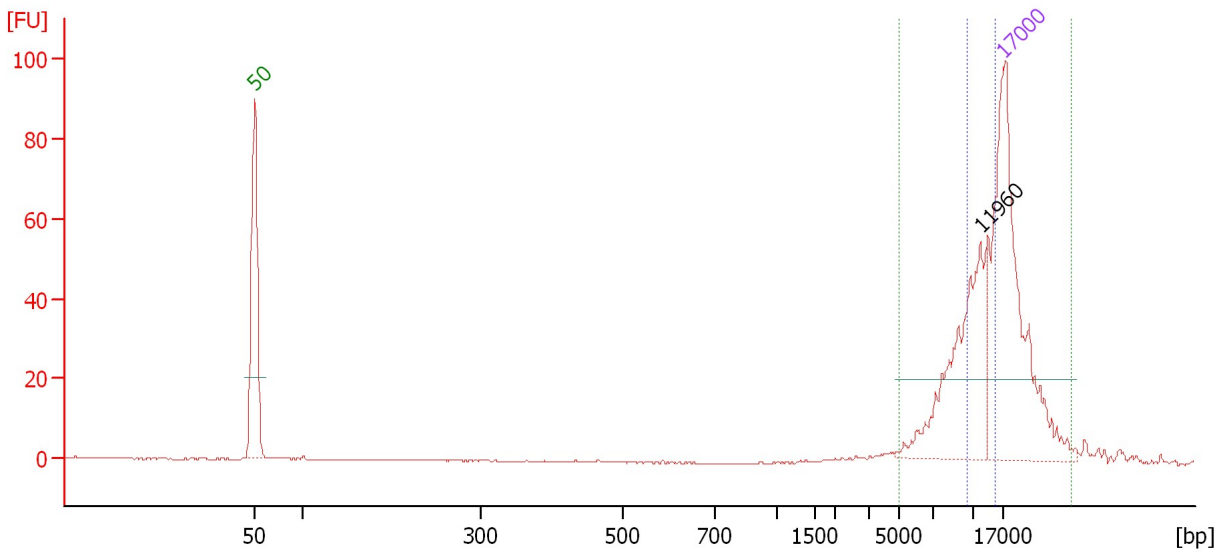
Ladder Peak	Size	Area
1	50	120
2	100	48
3	300	61
4	500	77
5	700	81
6	1000	86
7	1500	92
8	2000	92
9	3000	96
10	5000	100
11	7000	98
12	10380	102
13	17000	110

Assay Class: DNA 12000
 Data Path: C:\...4-04-28\2100 expert_DNA 12000_DE13701086_2014-04-28_001.xad

Created: 4/28/2014 1:44:56 PM
 Modified: 4/28/2014 2:09:30 PM

Electropherogram Summary

BAC 26 (1:2) gTube



Overall Results for sample 1 : BAC 26 (1:2) gTube

Number of peaks found: 1 Area: 137.8
 Area 1: 62.1

Peak table for sample 1 : BAC 26 (1:2) gTube

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	11,960	2.79	0.4	
3	17,000	4.20	0.4	Upper Marker

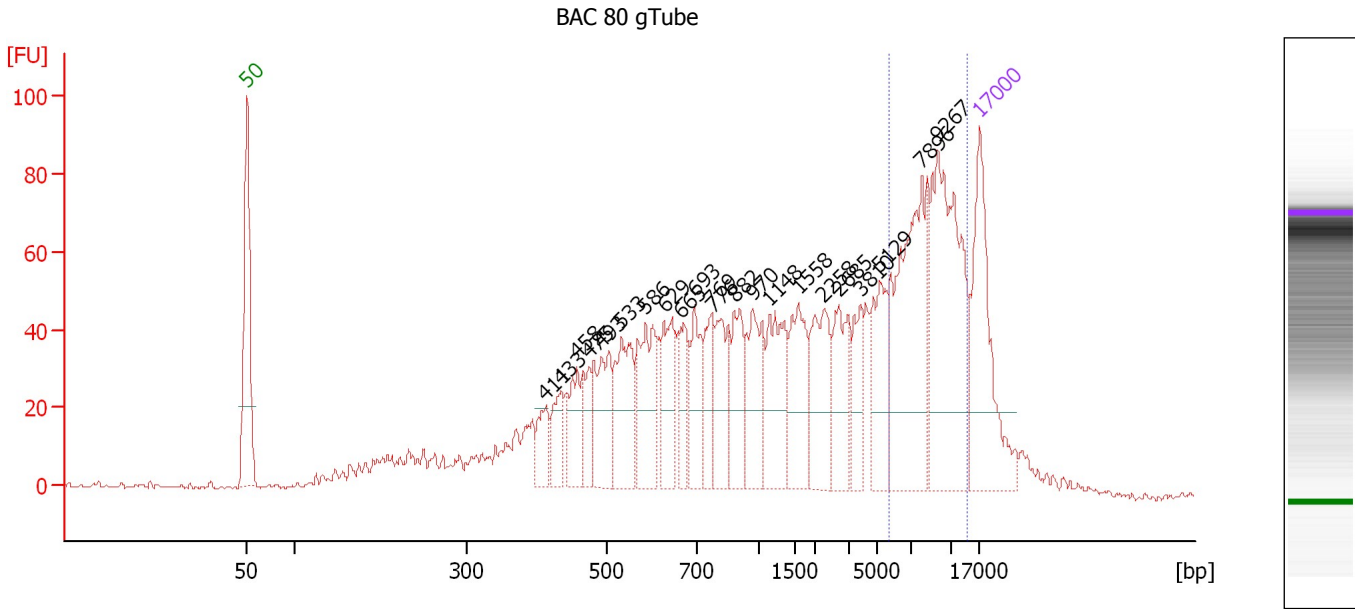
Region table for sample 1 : BAC 26 (1:2) gTube

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Area	% of Total	Size distribution in CV [%]	Color
4,984	31,811	15,182	2.81	137.8	91	36.4	Green
9,943	15,210	12,363	1.25	62.1	41	13.4	Blue

Assay Class: DNA 12000
 Data Path: C:\...4-04-28\2100 expert_DNA 12000_DE13701086_2014-04-28_001.xad

Created: 4/28/2014 1:44:56 PM
 Modified: 4/28/2014 2:09:30 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : BAC 80 gTube

Number of peaks found: 22 Area 1: 376.5

Peak table for sample 2 : BAC 80 gTube

Peak	Size [bp]	Conc. [ng/µl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	411	0.90	3.3	
3	433	1.00	3.5	
4	458	1.30	4.3	
5	475	0.94	3.0	
6	493	1.98	6.1	
7	533	2.37	6.7	
8	586	2.35	6.1	
9	629	1.79	4.3	
10	665	1.14	2.6	
11	693	1.64	3.6	
12	769	1.14	2.2	
13	776	2.02	3.9	
14	882	1.98	3.4	
15	970	2.02	3.2	
16	1,148	2.60	3.4	
17	1,558	2.34	2.3	
18	2,258	2.52	1.7	
19	2,685	1.88	1.1	
20	3,810	1.39	0.6	
21	5,129	2.32	0.7	
22	7,896	5.94	1.1	
23	9,267	7.11	1.2	
24	17,000	4.20	0.4	Upper Marker


Assay Class: DNA 12000
Data Path: C:\...4-04-28\2100 expert_DNA 12000_DE13701086_2014-04-28_001.xad

Created: 4/28/2014 1:44:56 PM
Modified: 4/28/2014 2:09:30 PM

Electropherogram Summary Continued ...

... Region table for sample 2 :

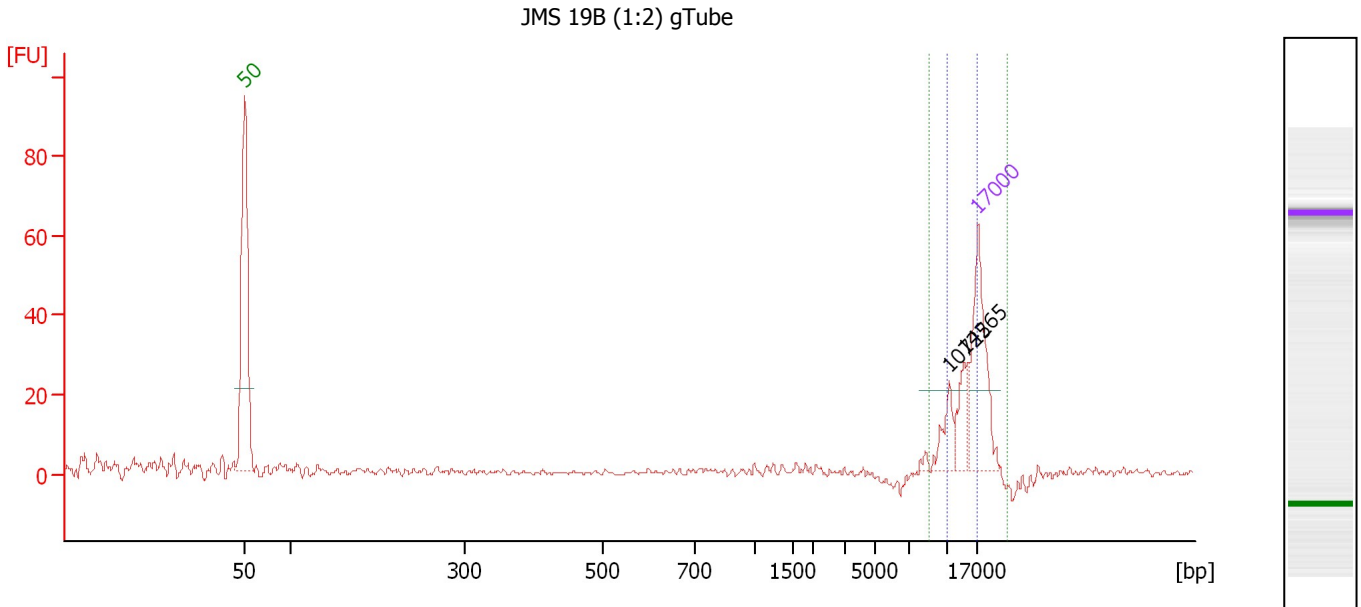
BAC 80 gTube

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Area	% of Total	Size distribution in CV [%]	Color
5,674	13,959	8,758	12.86	376.5	25	23.8	

Assay Class: DNA 12000
 Data Path: C:\...4-04-28\2100 expert_DNA 12000_DE13701086_2014-04-28_001.xad

Created: 4/28/2014 1:44:56 PM
 Modified: 4/28/2014 2:09:30 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : JMS 19B (1:2) gTube

Number of peaks found: 2 Area 2: 36.0
 Area 1: 29.2

Peak table for sample 3 : JMS 19B (1:2) gTube

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	10,725	1.34	0.2	
3	14,265	1.25	0.1	
4	17,000	4.20	0.4	Upper Marker

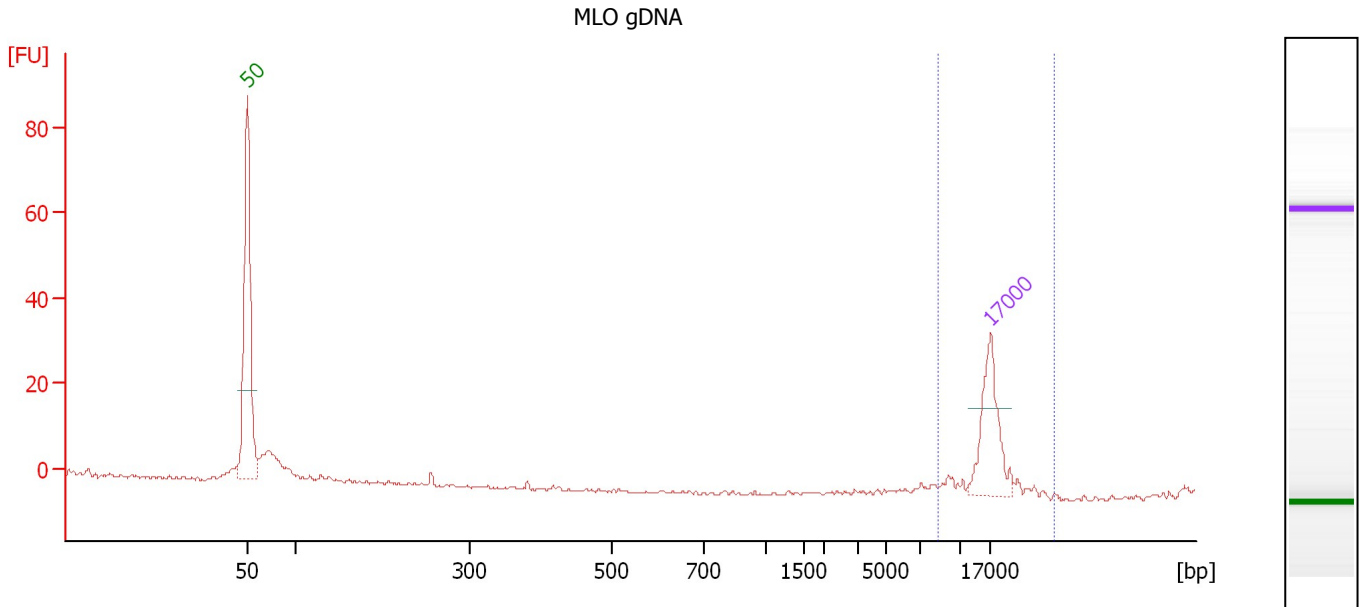
Region table for sample 3 : JMS 19B (1:2) gTube

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Area	% of Total	Size distribution in CV [%]	Color
8,785	24,009	15,639	2.41	36.0	86	19.4	Green
10,313	17,108	14,310	1.95	29.2	70	14.5	Blue

Assay Class: DNA 12000
 Data Path: C:\...4-04-28\2100 expert_DNA 12000_DE13701086_2014-04-28_001.xad

Created: 4/28/2014 1:44:56 PM
 Modified: 4/28/2014 2:09:30 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : MLO gDNA

Number of peaks found: 0 Area 1: 2.8

Peak table for sample 4 : MLO gDNA

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

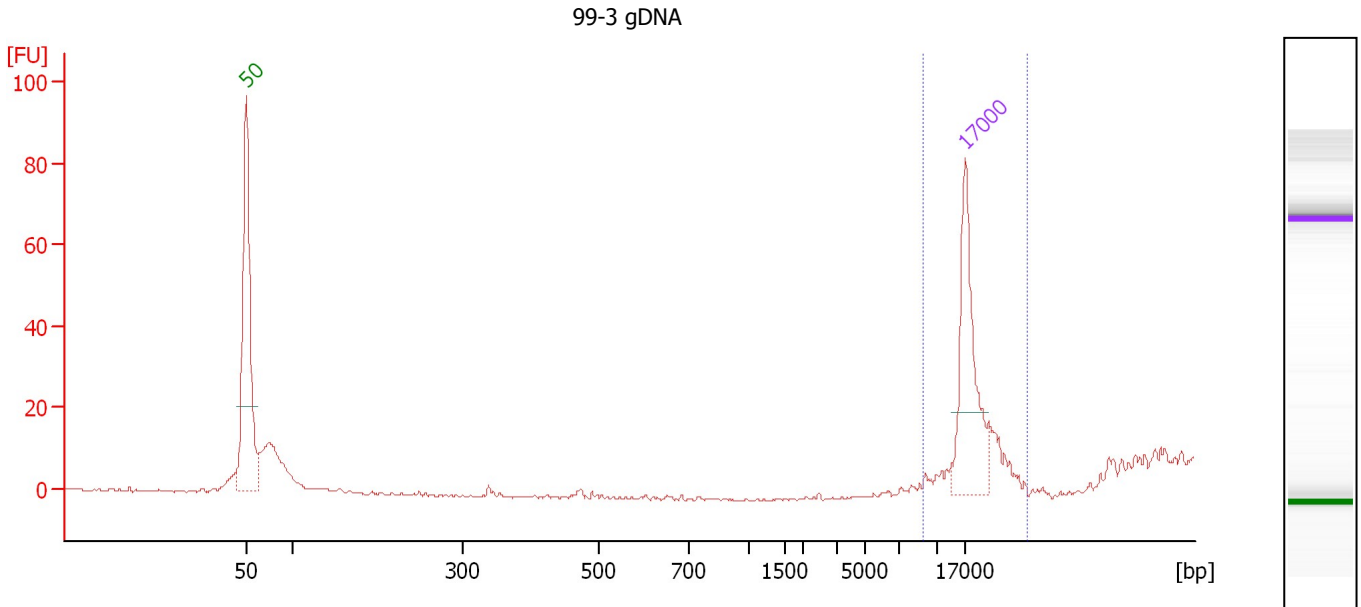
Region table for sample 4 : MLO gDNA

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Area	% of Total	Size distribution in CV [%]	Color
8,550	31,428	16,882	0.24	2.8	21	14.3	Blue

Assay Class: DNA 12000
 Data Path: C:\...4-04-28\2100 expert_DNA 12000_DE13701086_2014-04-28_001.xad

Created: 4/28/2014 1:44:56 PM
 Modified: 4/28/2014 2:09:30 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : 99-3 gDNA

Number of peaks found: 0 Area 1: 6.6

Peak table for sample 5 : 99-3 gDNA

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

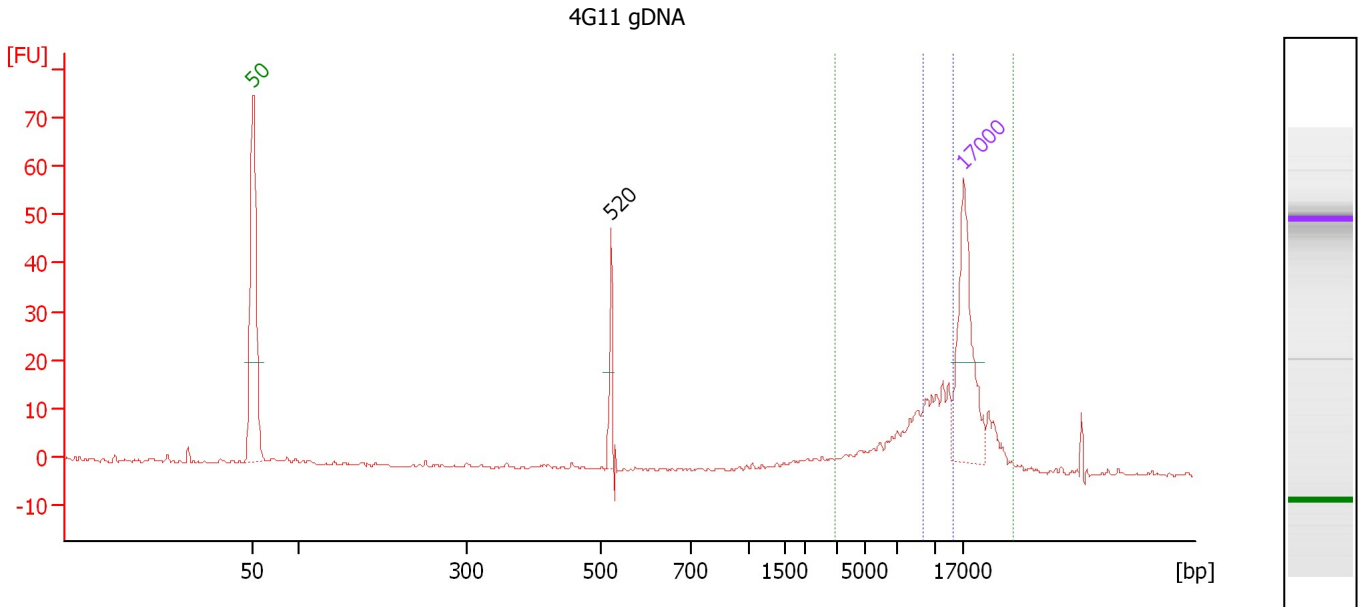
Region table for sample 5 : 99-3 gDNA

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Area	% of Total	Size distribution in CV [%]	Color
9,146	30,986	18,255	0.29	6.6	24	12.7	Blue

Assay Class: DNA 12000
 Data Path: C:\...4-04-28\2100 expert_DNA 12000_DE13701086_2014-04-28_001.xad

Created: 4/28/2014 1:44:56 PM
 Modified: 4/28/2014 2:09:30 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : 4G11 gDNA

Number of peaks found: 1 Area 2: 79.7
 Area 1: 31.2

Peak table for sample 6 : 4G11 gDNA

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	520	0.99	2.9	
3	17,000	4.20	0.4	Upper Marker

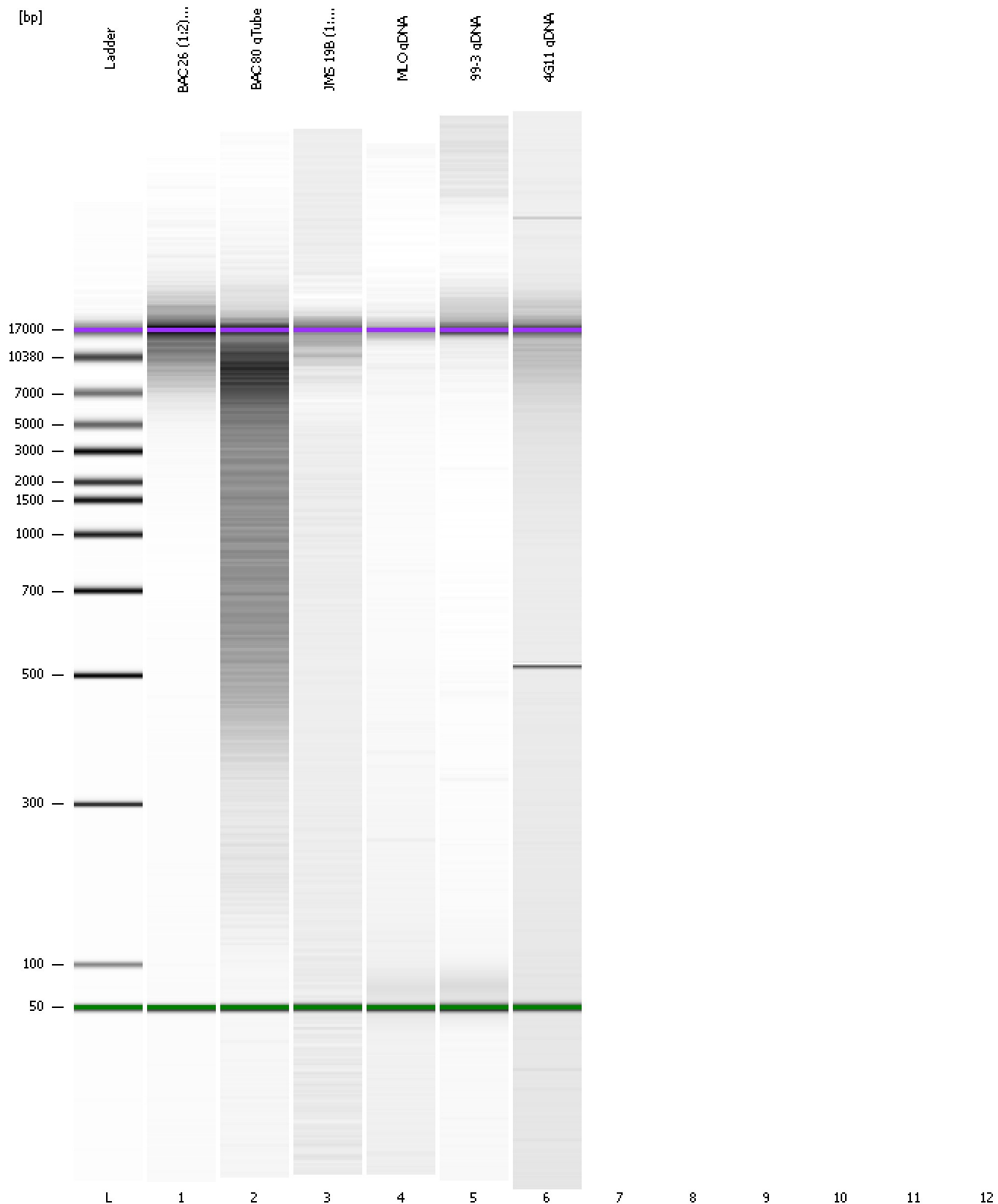
Region table for sample 6 : 4G11 gDNA

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Area	% of Total	Size distribution in CV [%]	Color
2,925	28,402	14,178	5.41	79.7	75	39.8	Green
9,233	14,583	11,312	2.11	31.2	29	14.1	Blue

Assay Class: DNA 12000
Data Path: C:\...4-04-28\2100 expert_DNA 12000_DE13701086_2014-04-28_001.xad

Created: 4/28/2014 1:44:56 PM
Modified: 4/28/2014 2:09:30 PM

Gel Image

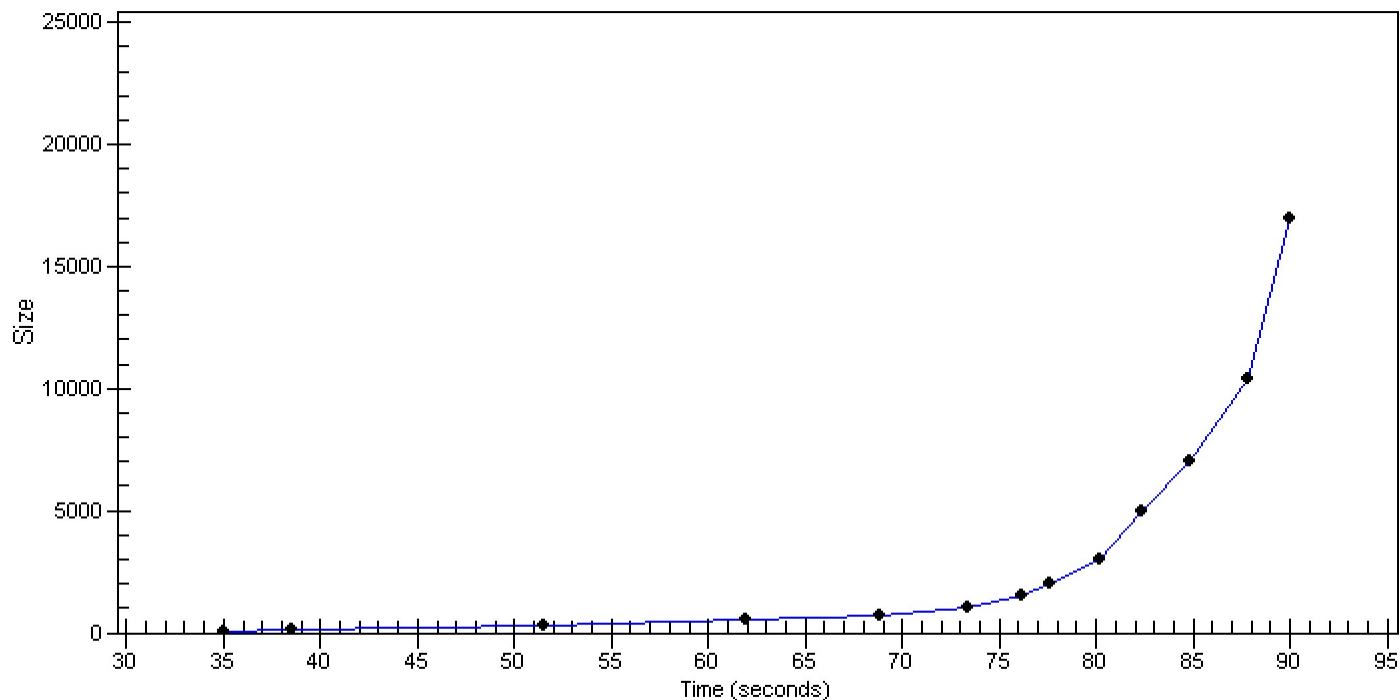


Assay Class: DNA 12000
Data Path: C:\...4-04-28\2100 expert_DNA 12000_DE13701086_2014-04-28_001.xad

Created: 4/28/2014 1:44:56 PM
Modified: 4/28/2014 2:09:30 PM

Curves

Standard Curve



Assay Class: DNA 12000
Data Path: C:\...4-04-28\2100 expert_DNA 12000_DE13701086_2014-04-28_001.xad

Created: 4/28/2014 1:44:56 PM
Modified: 4/28/2014 2:09:30 PM

Invalid Samples

Sample 7 has not been run, no results available.

Sample 8 has not been run, no results available.

Sample 9 has not been run, no results available.

Sample 10 has not been run, no results available.

Sample 11 has not been run, no results available.

Sample 12 has not been run, no results available.