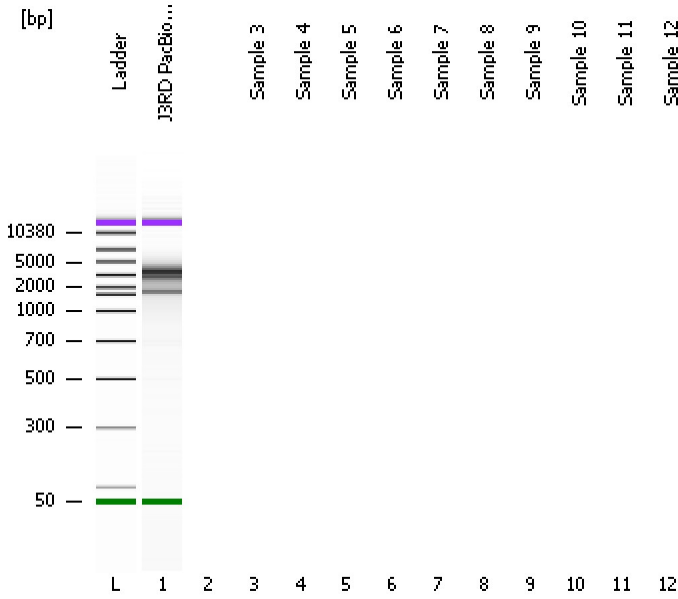


Assay Class: DNA 12000  
Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-12\2013-02-12\_001.xad

Created: 2/12/2013 9:54:44 AM  
Modified: 2/12/2013 10:10:23 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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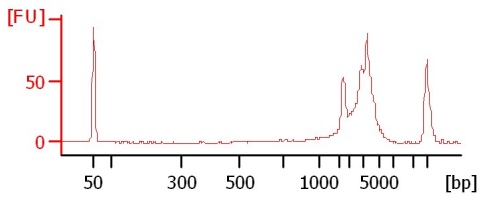
Chip Information:

Chip Lot #:

Reagent Kit Lot #:

Chip Comments:

**J3RD PacBio Lib <3kb**



Assay Class: DNA 12000  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-12\2013-02-12\_001.xad

Created: 2/12/2013 9:54:44 AM  
 Modified: 2/12/2013 10:10:23 AM

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

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
J3RD PacBio Lib <3kb		<input type="checkbox"/>	✓			
Sample 3		<input type="checkbox"/>				
Sample 4		<input type="checkbox"/>				
Sample 5		<input type="checkbox"/>				
Sample 6		<input type="checkbox"/>				
Sample 7		<input type="checkbox"/>				
Sample 8		<input type="checkbox"/>				
Sample 9		<input type="checkbox"/>				
Sample 10		<input type="checkbox"/>				
Sample 11		<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:\...ents and Settings\Bioanalyzer\2013-02-12\2013-02-12\_001.xad

Created: 2/12/2013 9:54:44 AM  
Modified: 2/12/2013 10:10:23 AM

**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

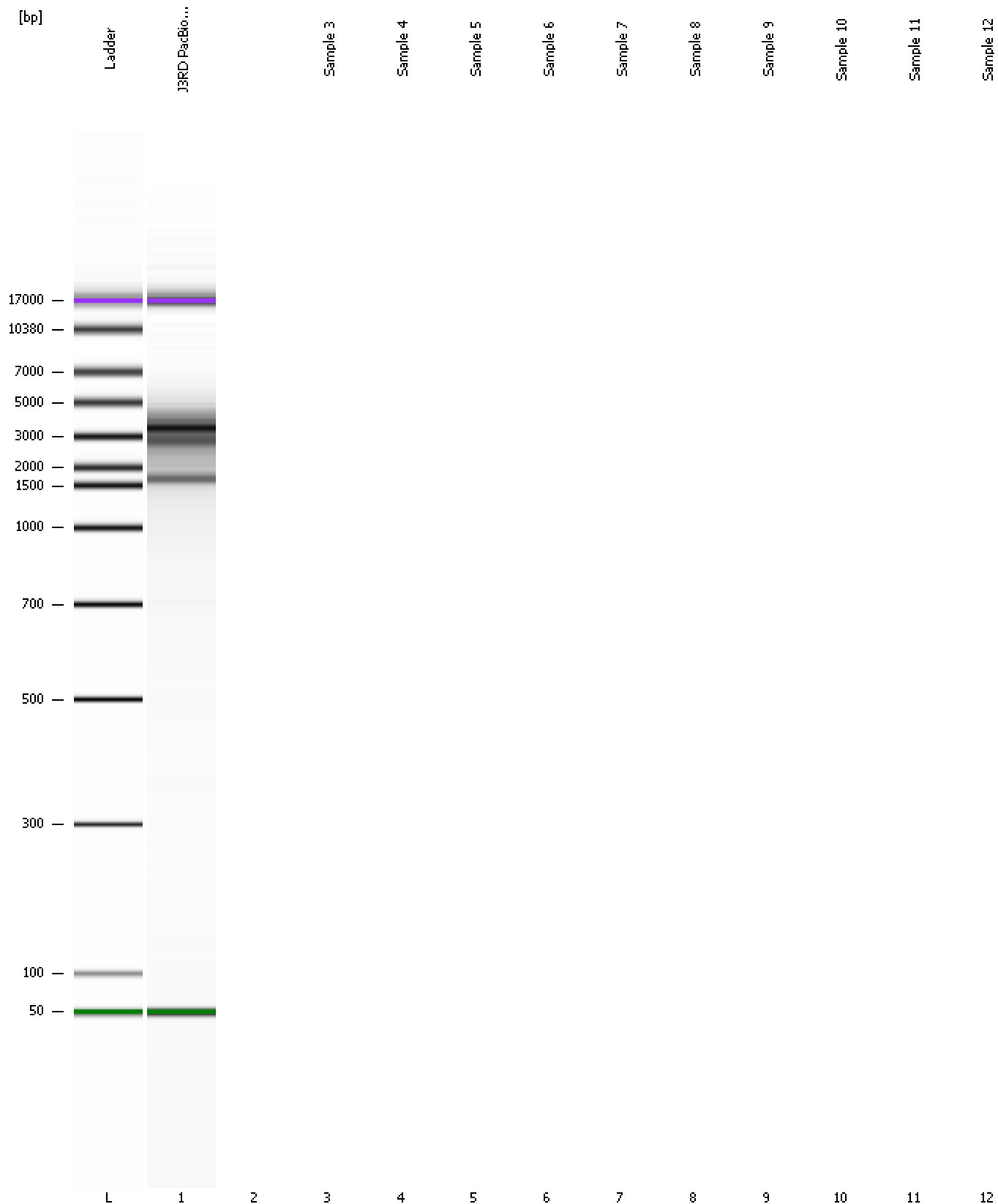
**Ladder**

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:\...ents and Settings\Bioanalyzer\2013-02-12\2013-02-12\_001.xad

Created: 2/12/2013 9:54:44 AM  
Modified: 2/12/2013 10:10:23 AM

**Gel Image**



Assay Class: DNA 12000  
Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-12\2013-02-12\_001.xad

Created: 2/12/2013 9:54:44 AM  
Modified: 2/12/2013 10:10:23 AM

**Invalid Samples**

Sample 4 has not been run, no results available.

Sample 5 has not been run, no results available.

Sample 6 has not been run, no results available.

Assay Class: DNA 12000  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-02-12\2013-02-12\_001.xad

Created: 2/12/2013 9:54:44 AM  
 Modified: 2/12/2013 10:10:23 AM

**Run Logbook**

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run ended on port 1 (Number of wells acquired: 2)		Instrument	Run		2/12/2013 10:06:20 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Documents and Settings\Bioanalyzer\2013-02-12\2013-02-12_001.xad)		Instrument	Run		2/12/2013 9:54:49 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938B		Instrument	Run		2/12/2013 9:54:49 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		2/12/2013 9:54:49 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		2/12/2013 9:54:49 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE13701086		Instrument	Run		2/12/2013 9:54:49 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		2/12/2013 9:54:49 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		2/12/2013 9:54:49 AM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1