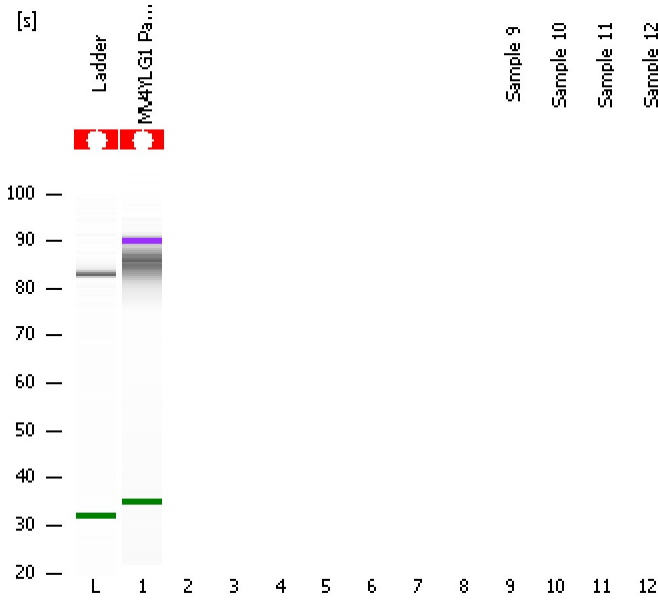


Assay Class: DNA 12000
Data Path: C:\...ents and Settings\Bioanalyzer\2013-03-20\2013-03-20_001.xad

Created: 3/20/2013 10:15:50 AM
Modified: 3/20/2013 10:27:29 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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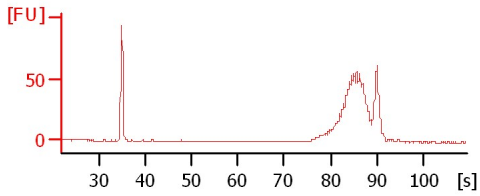
Chip Information:

Chip Lot #:

Reagent Kit Lot #:

Chip Comments:

MV4YLG1 PacBio Lib (1:2)



Assay Class: DNA 12000
Data Path: C:\...ents and Settings\Bioanalyzer\2013-03-20\2013-03-20_001.xad

Created: 3/20/2013 10:15:50 AM
Modified: 3/20/2013 10:27:29 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
MV4YLG1 PacBio Lib (1:2)		<input type="checkbox"/>	<input checked="" type="checkbox"/>			
		<input type="checkbox"/>				
		<input type="checkbox"/>				
		<input type="checkbox"/>				
		<input type="checkbox"/>				
		<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"/>	<input checked="" type="checkbox"/>			
Chip Lot #				Reagent Kit Lot #		

Chip Comments :

Assay Class: DNA 12000
Data Path: C:\...ents and Settings\Bioanalyzer\2013-03-20\2013-03-20_001.xad

Created: 3/20/2013 10:15:50 AM
Modified: 3/20/2013 10:27:29 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

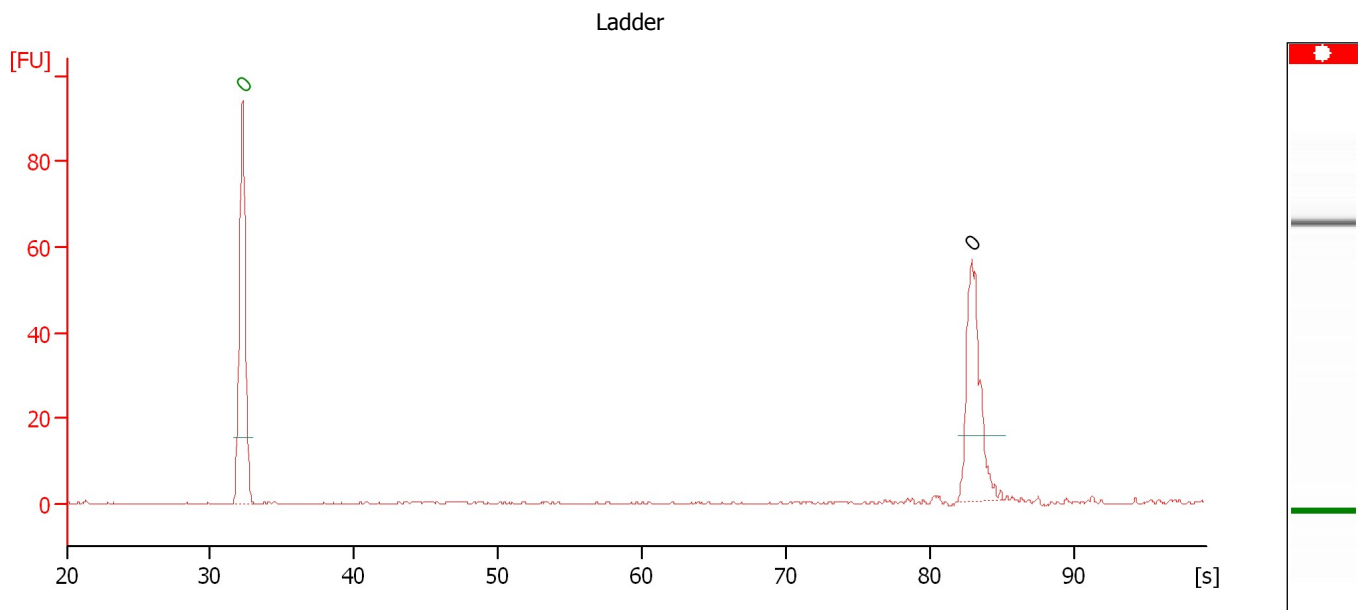
Ladder

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\2013-03-20\2013-03-20_001.xad

Created: 3/20/2013 10:15:50 AM
 Modified: 3/20/2013 10:27:29 AM

Electropherogram Summary



Peak table for Ladder

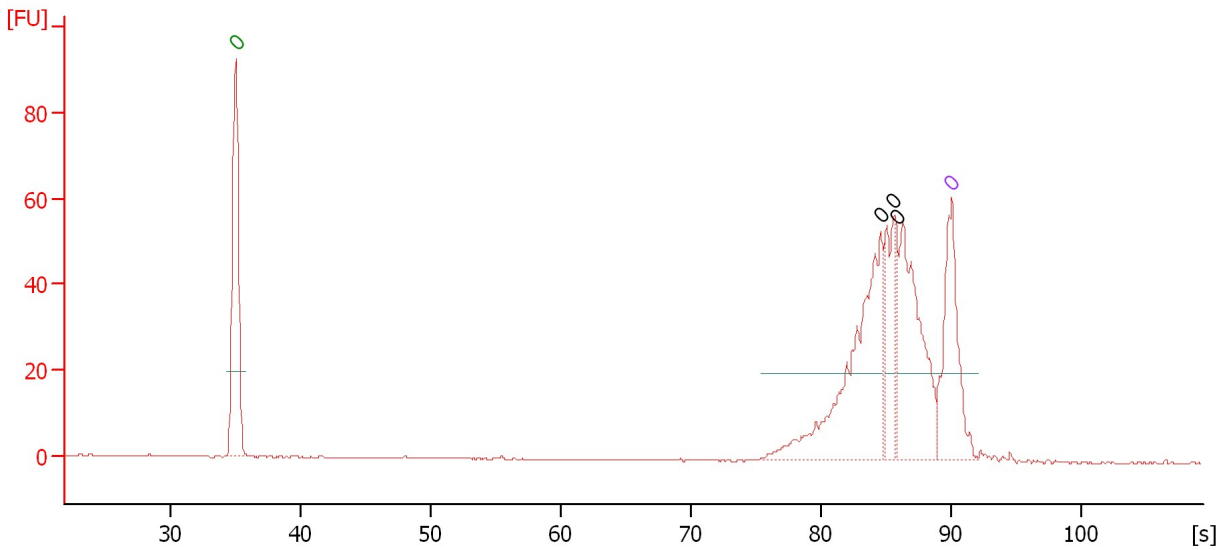
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	0	0.00	0.0	Lower Marker
2	0	0.00	0.0	Ladder Peak

Assay Class: DNA 12000
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-03-20\2013-03-20_001.xad

Created: 3/20/2013 10:15:50 AM
 Modified: 3/20/2013 10:27:29 AM

Electropherogram Summary Continued ...

MV4YLG1 PacBio Lib (1:2)



Overall Results for sample 1 : MV4YLG1 PacBio Lib (1:2)

Number of peaks found: 3

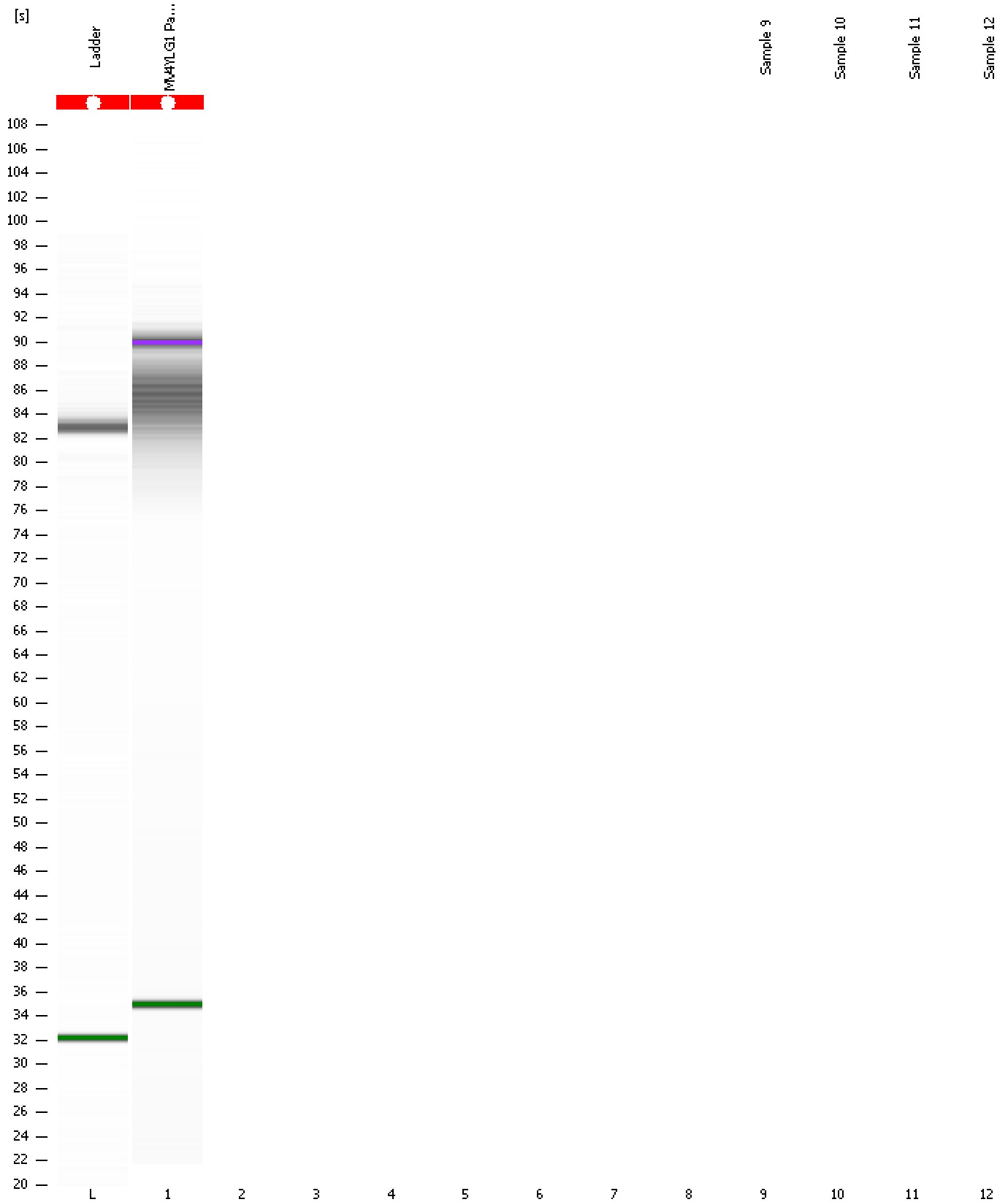
Peak table for sample 1 : MV4YLG1 PacBio Lib (1:2)

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	0	0.00	0.0	Lower Marker
2	0	0.00	0.0	
3	0	0.00	0.0	
4	0	0.00	0.0	
5	0	0.00	0.0	Upper Marker

Assay Class: DNA 12000
Data Path: C:\...ents and Settings\Bioanalyzer\2013-03-20\2013-03-20_001.xad

Created: 3/20/2013 10:15:50 AM
Modified: 3/20/2013 10:27:29 AM

Gel Image



Assay Class: DNA 12000
Data Path: C:\...ents and Settings\Bioanalyzer\2013-03-20\2013-03-20_001.xad

Created: 3/20/2013 10:15:50 AM
Modified: 3/20/2013 10:27:29 AM

Invalid Samples

- Sample 2 has not been run, no results available.
- Sample 3 has not been run, no results available.
- 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.
- 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.

Assay Class: DNA 12000
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-03-20\2013-03-20_001.xad

Created: 3/20/2013 10:15:50 AM
 Modified: 3/20/2013 10:27:29 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		3/20/2013 10:27:27 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Documents and Settings\Bioanalyzer\2013-03-20\2013-03-20_001.xad)		Instrument	Run		3/20/2013 10:15:55 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938B		Instrument	Run		3/20/2013 10:15:55 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		3/20/2013 10:15:55 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		3/20/2013 10:15:55 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE13701086		Instrument	Run		3/20/2013 10:15:55 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		3/20/2013 10:15:55 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		3/20/2013 10:15:55 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1