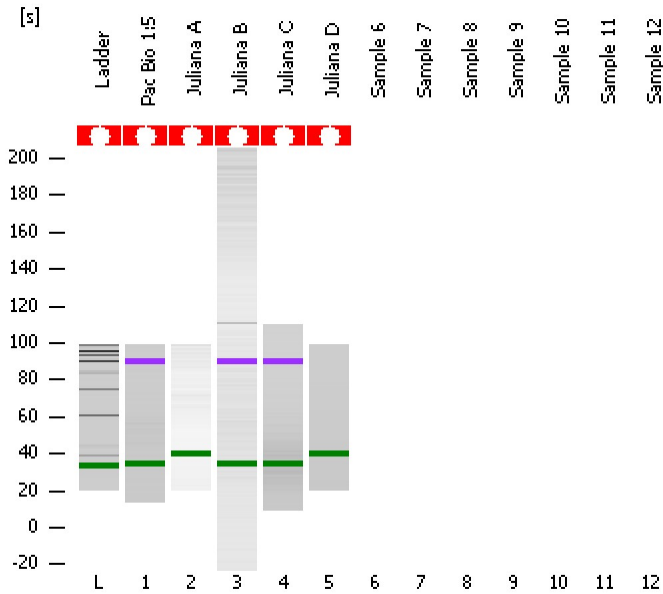


Assay Class: DNA 12000
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-21\2014-02-21_001.xad

Created: 2/21/2014 9:39:03 AM
Modified: 2/21/2014 10:05:37 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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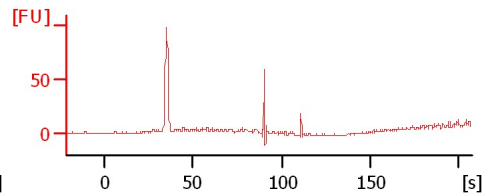
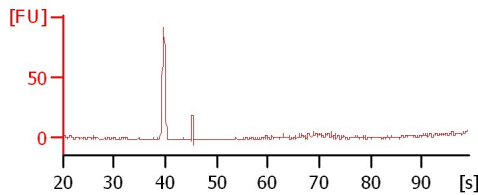
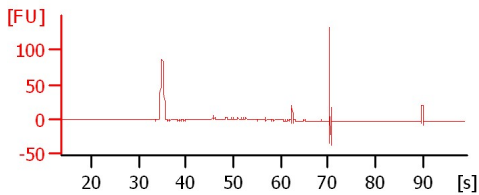
Chip Information:

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

Pac Bio 1:5

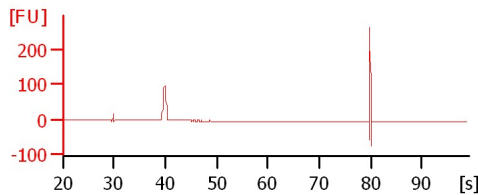
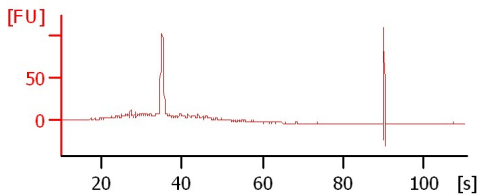
Juliana A

Juliana B



Juliana C

Juliana D



Assay Class: DNA 12000
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-21\2014-02-21_001.xad

Created: 2/21/2014 9:39:03 AM
 Modified: 2/21/2014 10:05:37 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
Pac Bio 1:5		<input type="checkbox"/>	✓			
Juliana A		<input type="checkbox"/>	✓			
Juliana B		<input type="checkbox"/>	✓			
Juliana C		<input type="checkbox"/>	✓			
Juliana D		<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\2014-02-21\2014-02-21_001.xad

Created: 2/21/2014 9:39:03 AM
Modified: 2/21/2014 10:05:37 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

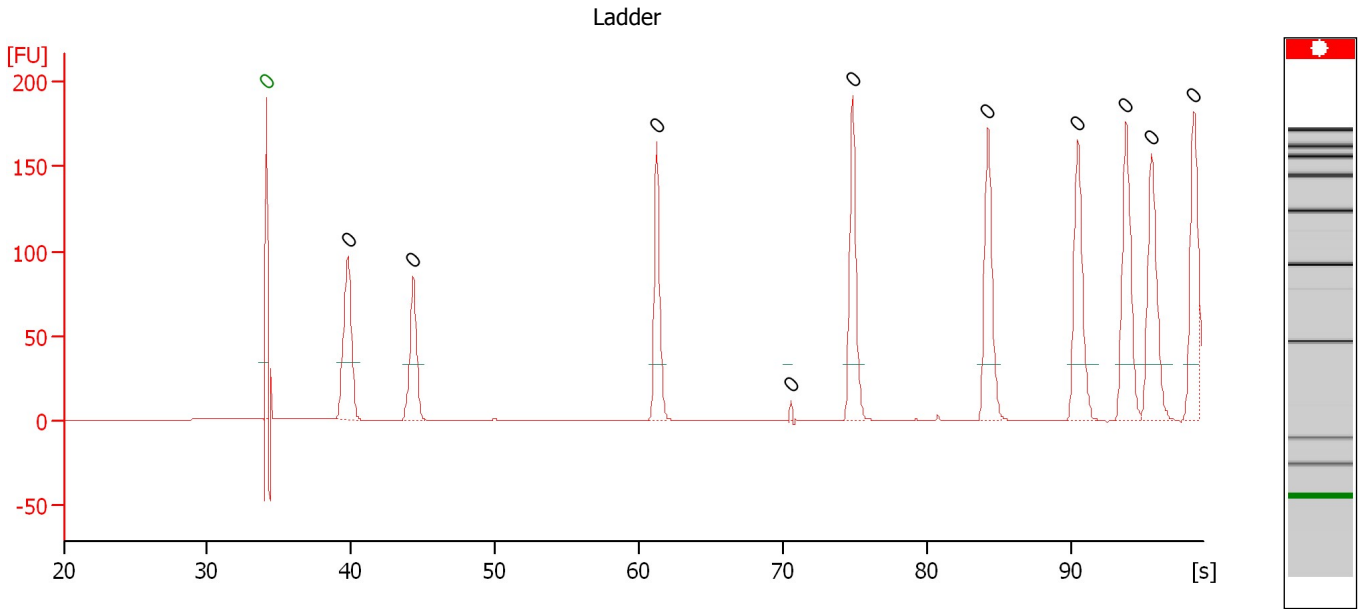
Ladder

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\2014-02-21\2014-02-21_001.xad

Created: 2/21/2014 9:39:03 AM
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Electropherogram Summary



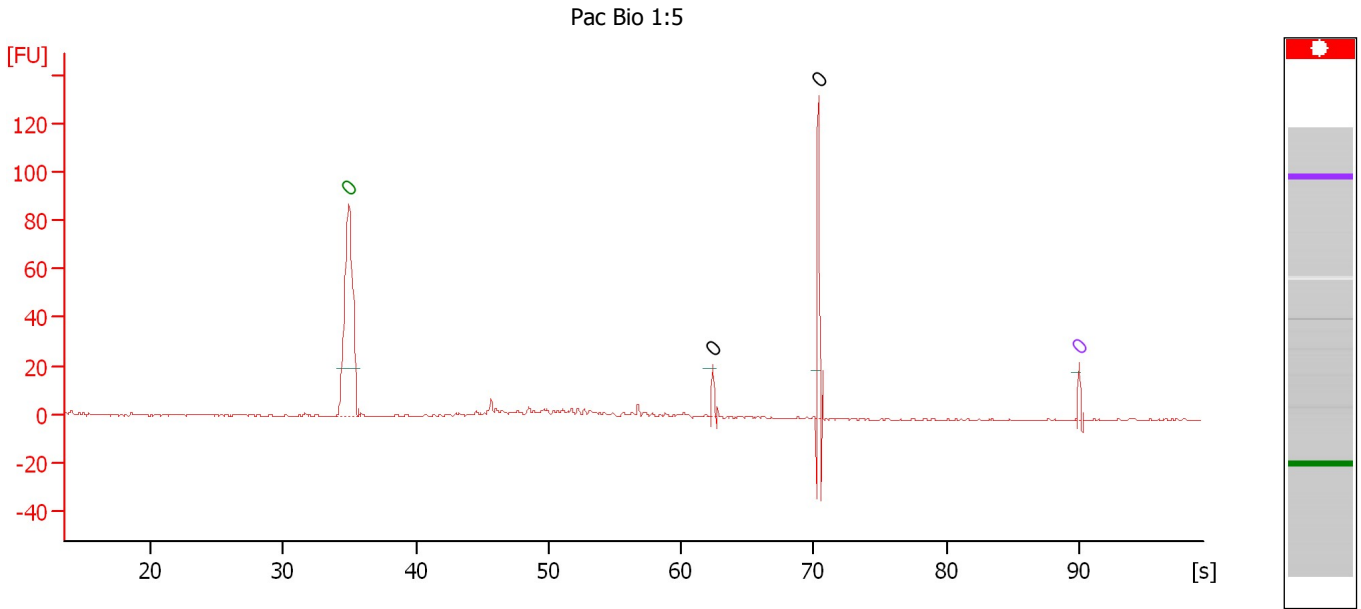
Peak table for Ladder

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
3	0	0.00	0.0	Ladder Peak
4	0	0.00	0.0	Ladder Peak
5	0	0.00	0.0	Ladder Peak
6	0	0.00	0.0	Ladder Peak
7	0	0.00	0.0	Ladder Peak
8	0	0.00	0.0	Ladder Peak
9	0	0.00	0.0	Ladder Peak
10	0	0.00	0.0	Ladder Peak
11	0	0.00	0.0	Ladder Peak

Assay Class: DNA 12000
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-21\2014-02-21_001.xad

Created: 2/21/2014 9:39:03 AM
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Electropherogram Summary Continued ...



Overall Results for sample 1 : Pac Bio 1:5

Number of peaks found: 2

Peak table for sample 1 : Pac Bio 1:5

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	Upper Marker

Assay Class: DNA 12000
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-21\2014-02-21_001.xad

Created: 2/21/2014 9:39:03 AM
Modified: 2/21/2014 10:05:37 AM

Gel Image

