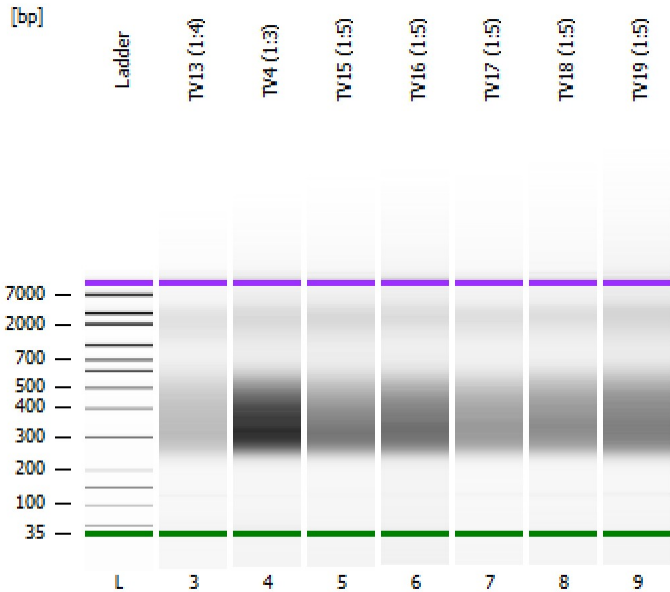


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...00 bioanalyzer\2100 expert\data\2024-04-02\QC1789_13-19.xad

Created: 4/2/2024 1:10:50 PM
Modified: 4/2/2024 2:03:11 PM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE34903152 Firmware: C.01.069
Serial#: DE34903152 Type: G2938C

Assay Information:

Assay Origin Path: C:\Program Files (x86)\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\High Sensitivity DNA.xsy
Assay Class: High Sensitivity DNA Assay
Version: 1.03
Assay Comments: Copyright © 2003-2010 Agilent Technologies

Chip Information:

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

QC1789 **TV13 (1:4)** QC1789 **TV4 (1:3)** QC1789 **TV15 (1:5)**

QC1789 **TV16 (1:5)** QC1789 **TV17 (1:5)** QC1789 **TV18 (1:5)**

QC1789 **TV19 (1:5)**

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...00 bioanalyzer\2100 expert\data\2024-04-02\QC1789_13-19.xad

Created: 4/2/2024 1:10:50 PM
 Modified: 4/2/2024 2:03:11 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
TV13 (1:4)	QC1789	<input type="checkbox"/>	✓			
TV4 (1:3)	QC1789	<input type="checkbox"/>	✓			
TV15 (1:5)	QC1789	<input type="checkbox"/>	✓			
TV16 (1:5)	QC1789	<input type="checkbox"/>	✓			
TV17 (1:5)	QC1789	<input type="checkbox"/>	✓			
TV18 (1:5)	QC1789	<input type="checkbox"/>	✓			
TV19 (1:5)	QC1789	<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...00 bioanalyzer\2100 expert\data\2024-04-02\QC1789_13-19.xad

Created: 4/2/2024 1:10:50 PM
Modified: 4/2/2024 2:03:11 PM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 12
Minimum Visible Range [s] : 32
Maximum Visible Range [s] : 138
Start Analysis Time Range [s] : 33
End Analysis Time Range [s] : 137.5
Ladder Concentration [pg/ μ l] : 1950
Uses Standard Area for Ladder Fragments
Lower Marker Concentration [pg/ μ l] : 125
Upper Marker Concentration [pg/ μ l] : 75
Used Upper Marker for Quantitation
Standard Curve Fit is Point to Point
Show Data Aligned to Lower and Upper Marker

Integrator Settings

Integration Start Time [s] : 33.05
Integration End Time [s] : 137
Slope Threshold : 0.8
Height Threshold [FU] : 5
Area Threshold : 0.1
Width Threshold [s] : 0.6
Baseline Plateau [s] : 0.5

Filter Settings

Filter Width [s] : 0.5
Polynomial Order : 4

Ladder

Ladder Peak	Size	Area
1	35	160
2	50	210
3	100	208
4	150	221
5	200	242
6	300	270
7	400	305
8	500	306
9	600	336
10	700	321
11	1000	366
12	2000	413
13	3000	411
14	7000	400
15	10380	214

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...00 bioanalyzer\2100 expert\data\2024-04-02\QC1789_13-19.xad

Created: 4/2/2024 1:10:50 PM
Modified: 4/2/2024 2:03:11 PM

Electropherogram Summary

Ladder



Assay Class: High Sensitivity DNA Assay
Data Path: C:\...00 bioanalyzer\2100 expert\data\2024-04-02\QC1789_13-19.xad

Created: 4/2/2024 1:10:50 PM
Modified: 4/2/2024 2:03:11 PM

Electropherogram Summary Continued ...

TV13 (1:4) [QC1789]



Assay Class: High Sensitivity DNA Assay
Data Path: C:\...00 bioanalyzer\2100 expert\data\2024-04-02\QC1789_13-19.xad

Created: 4/2/2024 1:10:50 PM
Modified: 4/2/2024 2:03:11 PM

Electropherogram Summary Continued ...

TV4 (1:3) [QC1789]



Assay Class: High Sensitivity DNA Assay
Data Path: C:\...00 bioanalyzer\2100 expert\data\2024-04-02\QC1789_13-19.xad

Created: 4/2/2024 1:10:50 PM
Modified: 4/2/2024 2:03:11 PM

Electropherogram Summary Continued ...

TV15 (1:5) [QC1789]



Assay Class: High Sensitivity DNA Assay
Data Path: C:\...00 bioanalyzer\2100 expert\data\2024-04-02\QC1789_13-19.xad

Created: 4/2/2024 1:10:50 PM
Modified: 4/2/2024 2:03:11 PM

Electropherogram Summary Continued ...

TV16 (1:5) [QC1789]



Assay Class: High Sensitivity DNA Assay
Data Path: C:\...00 bioanalyzer\2100 expert\data\2024-04-02\QC1789_13-19.xad

Created: 4/2/2024 1:10:50 PM
Modified: 4/2/2024 2:03:11 PM

Electropherogram Summary Continued ...

TV17 (1:5) [QC1789]



Assay Class: High Sensitivity DNA Assay
Data Path: C:\...00 bioanalyzer\2100 expert\data\2024-04-02\QC1789_13-19.xad

Created: 4/2/2024 1:10:50 PM
Modified: 4/2/2024 2:03:11 PM

Electropherogram Summary Continued ...

TV18 (1:5) [QC1789]



Assay Class: High Sensitivity DNA Assay
Data Path: C:\...00 bioanalyzer\2100 expert\data\2024-04-02\QC1789_13-19.xad

Created: 4/2/2024 1:10:50 PM
Modified: 4/2/2024 2:03:11 PM

Electropherogram Summary Continued ...

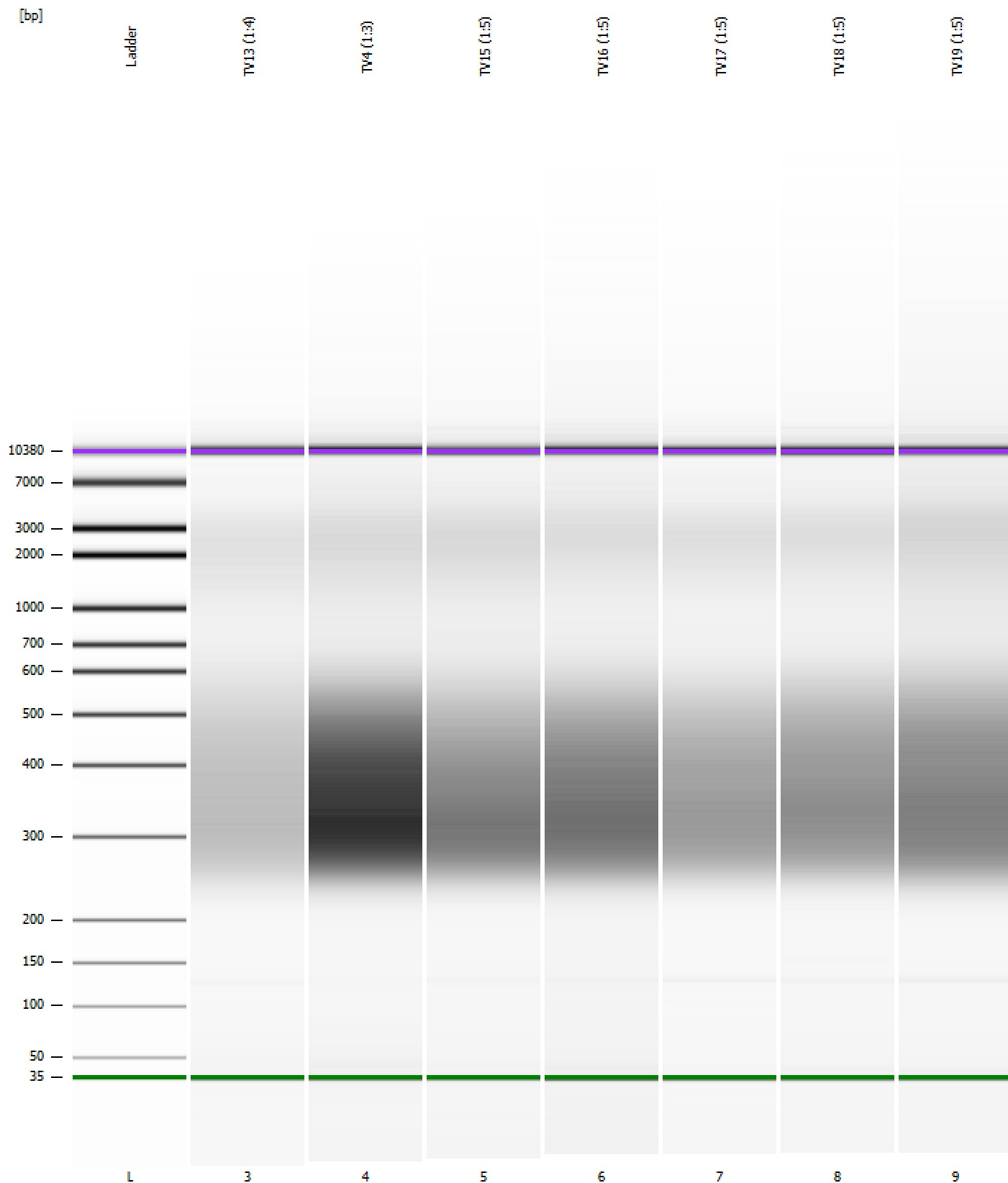
TV19 (1:5) [QC1789]



Assay Class: High Sensitivity DNA Assay
Data Path: C:\...00 bioanalyzer\2100 expert\data\2024-04-02\QC1789_13-19.xad

Created: 4/2/2024 1:10:50 PM
Modified: 4/2/2024 2:03:11 PM

Gel Image



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...00 bioanalyzer\2100 expert\data\2024-04-02\QC1789_13-19.xad

Created: 4/2/2024 1:10:50 PM
 Modified: 4/2/2024 2:03:11 PM

Run Logbook

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run ended on port 1 (Number of wells acquired: 12)		Instrument	Run		4/2/2024 1:51:19 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Run started on port 1 (File: C:\Program Files (x86)\Agilent\2100 bioanalyzer\2100 expert\data\2024-04-02\Bioanalyzer1_High Sensitivity DNA Assay_DE34903152_2024-04-02_002.xad)		Instrument	Run		4/2/2024 1:10:56 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Product Number : G2938C		Instrument	Run		4/2/2024 1:10:56 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Name :		Instrument	Run		4/2/2024 1:10:56 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Vendor : Agilent Technologies		Instrument	Run		4/2/2024 1:10:56 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Serial# : DE34903152		Instrument	Run		4/2/2024 1:10:56 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Firmware : C.01.069		Instrument	Run		4/2/2024 1:10:56 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Cartridge : Electrode		Instrument	Run		4/2/2024 1:10:56 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB