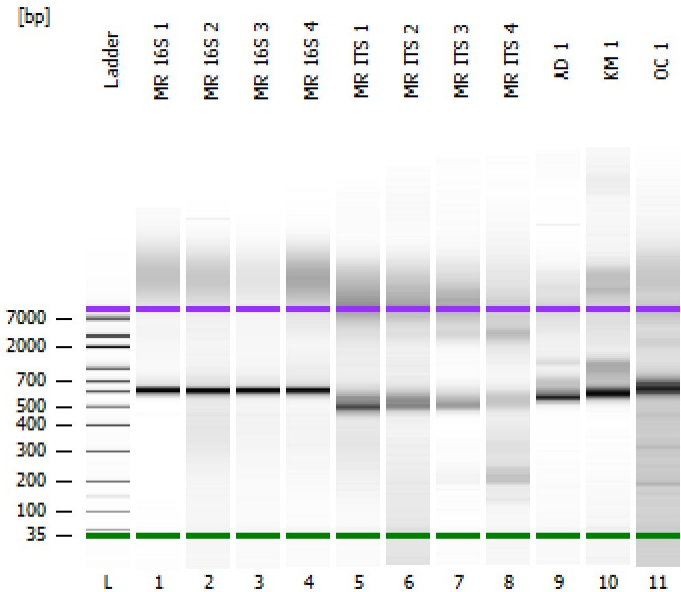


Assay Class: High Sensitivity DNA Assay  
 Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-10-21\_001.xad

Created: 10/21/2020 12:18:40 PM  
 Modified: 10/21/2020 1:01:23 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:

**MR 16S 1**

**MR 16S 2**

**MR 16S 3**

**MR 16S 4**

**MR ITS 1**

**MR ITS 2**

**MR ITS 3**

**MR ITS 4**

**AD 1**

**KM 1**

**OC 1**

Assay Class: High Sensitivity DNA Assay  
 Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-10-21\_001.xad

Created: 10/21/2020 12:18:40 PM  
 Modified: 10/21/2020 1:01:23 PM

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

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
MR 16S 1		<input type="checkbox"/>	✓			
MR 16S 2		<input type="checkbox"/>	✓			
MR 16S 3		<input type="checkbox"/>	✓			
MR 16S 4		<input type="checkbox"/>	✓			
MR ITS 1		<input type="checkbox"/>	✓			
MR ITS 2		<input type="checkbox"/>	✓			
MR ITS 3		<input type="checkbox"/>	✓			
MR ITS 4		<input type="checkbox"/>	✓			
AD 1		<input type="checkbox"/>	✓			
KM 1		<input type="checkbox"/>	✓			
OC 1		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

**Chip Lot #**

**Reagent Kit Lot #**

**Chip Comments :**

Assay Class: High Sensitivity DNA Assay  
Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-10-21\_001.xad

Created: 10/21/2020 12:18:40 PM  
Modified: 10/21/2020 1:01:23 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/μl] : 1950  
Uses Standard Area for Ladder Fragments  
Lower Marker Concentration [pg/μl] : 125  
Upper Marker Concentration [pg/μl] : 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: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-10-21\_001.xad

Created: 10/21/2020 12:18:40 PM  
Modified: 10/21/2020 1:01:23 PM

**Electropherogram Summary**

Ladder



Assay Class: High Sensitivity DNA Assay  
Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-10-21\_001.xad

Created: 10/21/2020 12:18:40 PM  
Modified: 10/21/2020 1:01:23 PM

**Electropherogram Summary Continued ...**

MR 16S 1



Assay Class: High Sensitivity DNA Assay  
Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-10-21\_001.xad

Created: 10/21/2020 12:18:40 PM  
Modified: 10/21/2020 1:01:23 PM

**Electropherogram Summary Continued ...**

MR 16S 2

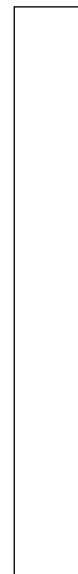


Assay Class: High Sensitivity DNA Assay  
Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-10-21\_001.xad

Created: 10/21/2020 12:18:40 PM  
Modified: 10/21/2020 1:01:23 PM

**Electropherogram Summary Continued ...**

MR 16S 3



Assay Class: High Sensitivity DNA Assay  
Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-10-21\_001.xad

Created: 10/21/2020 12:18:40 PM  
Modified: 10/21/2020 1:01:23 PM

**Electropherogram Summary Continued ...**

MR 16S 4





Assay Class: High Sensitivity DNA Assay  
Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-10-21\_001.xad

Created: 10/21/2020 12:18:40 PM  
Modified: 10/21/2020 1:01:23 PM

**Electropherogram Summary Continued ...**

MR ITS 1



Assay Class: High Sensitivity DNA Assay  
Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-10-21\_001.xad

Created: 10/21/2020 12:18:40 PM  
Modified: 10/21/2020 1:01:23 PM

**Electropherogram Summary Continued ...**

MR ITS 2



Assay Class: High Sensitivity DNA Assay  
Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-10-21\_001.xad

Created: 10/21/2020 12:18:40 PM  
Modified: 10/21/2020 1:01:23 PM

**Electropherogram Summary Continued ...**

MR ITS 3



Assay Class: High Sensitivity DNA Assay  
Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-10-21\_001.xad

Created: 10/21/2020 12:18:40 PM  
Modified: 10/21/2020 1:01:23 PM

**Electropherogram Summary Continued ...**

MR ITS 4



Assay Class: High Sensitivity DNA Assay  
Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-10-21\_001.xad

Created: 10/21/2020 12:18:40 PM  
Modified: 10/21/2020 1:01:23 PM

**Electropherogram Summary Continued ...**

AD 1



Assay Class: High Sensitivity DNA Assay  
Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-10-21\_001.xad

Created: 10/21/2020 12:18:40 PM  
Modified: 10/21/2020 1:01:23 PM

**Electropherogram Summary Continued ...**

KM 1



Assay Class: High Sensitivity DNA Assay  
Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-10-21\_001.xad

Created: 10/21/2020 12:18:40 PM  
Modified: 10/21/2020 1:01:23 PM

**Electropherogram Summary Continued ...**

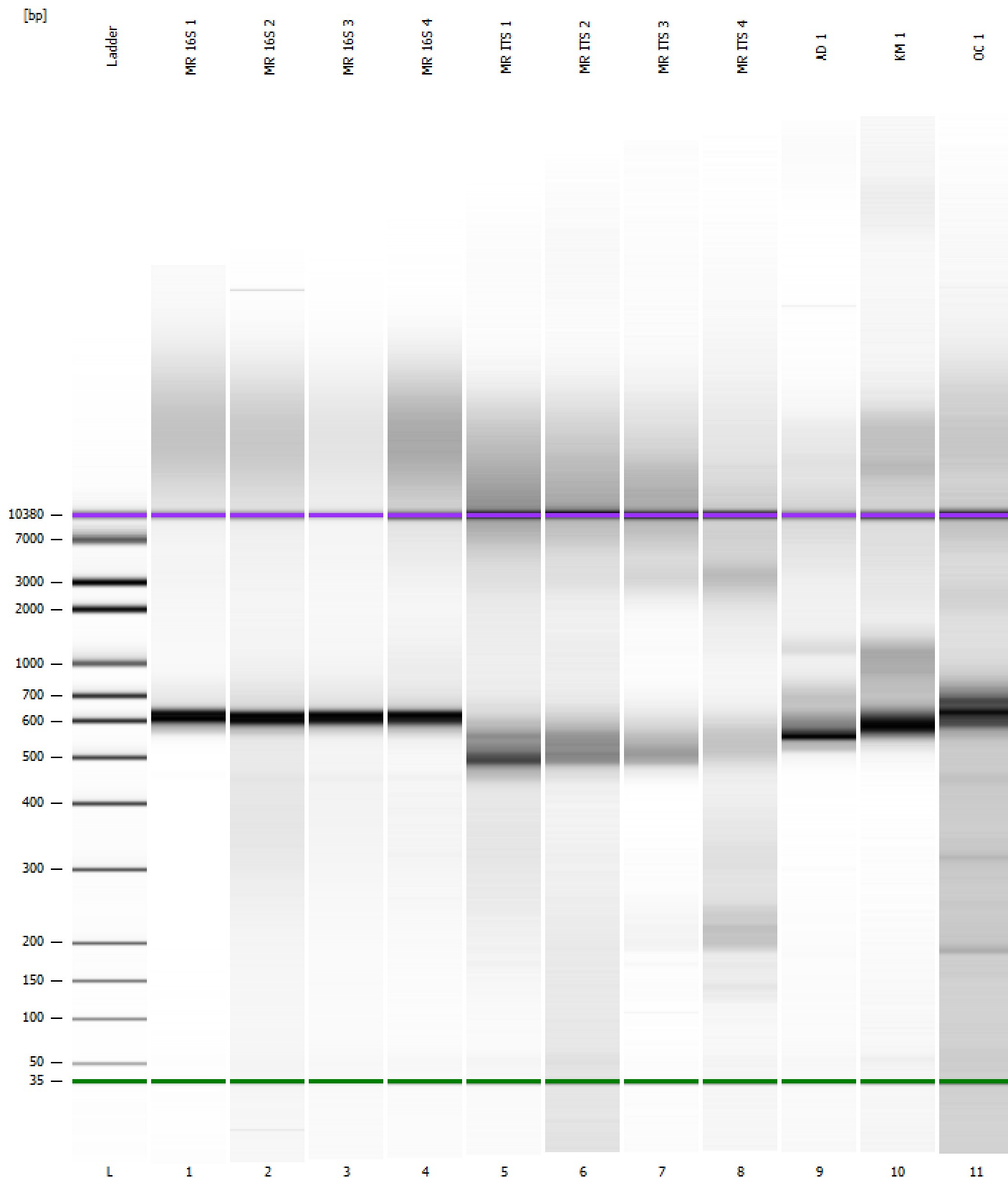
OC 1



Assay Class: High Sensitivity DNA Assay  
Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-10-21\_001.xad

Created: 10/21/2020 12:18:40 PM  
Modified: 10/21/2020 1:01:23 PM

Gel Image





Assay Class: High Sensitivity DNA Assay  
 Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-10-21\_001.xad

Created: 10/21/2020 12:18:40 PM  
 Modified: 10/21/2020 1:01:23 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		10/21/2020 1:00:02 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Run started on port 1 (File: Z:\XADs\2020-10-21\Bioanalyzer1_High Sensitivity DNA Assay_2020-10-21_001.xad)		Instrument	Run		10/21/2020 12:18:46 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Product Number : G2938C		Instrument	Run		10/21/2020 12:18:46 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Name :		Instrument	Run		10/21/2020 12:18:46 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Vendor : Agilent Technologies		Instrument	Run		10/21/2020 12:18:46 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Serial# : DE34903152		Instrument	Run		10/21/2020 12:18:46 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Firmware : C.01.069		Instrument	Run		10/21/2020 12:18:46 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Cartridge : Electrode		Instrument	Run		10/21/2020 12:18:46 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB