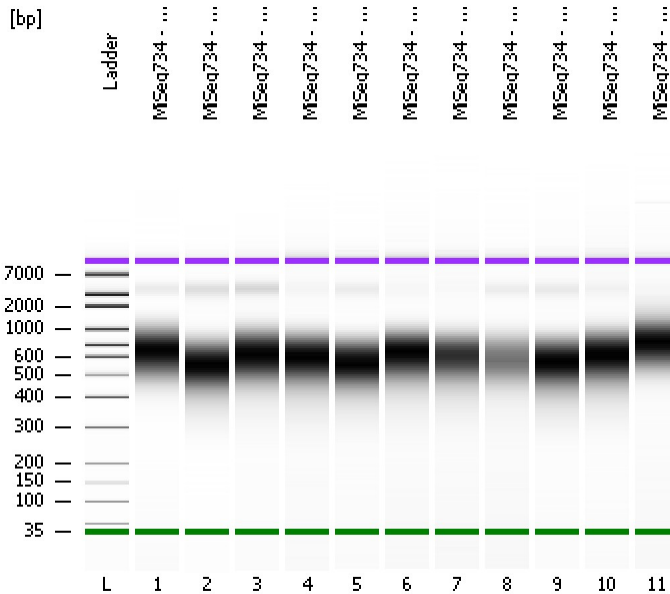


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-11-30\2018-11-30\_001.xad

Created: 11/30/2018 11:10:34 AM  
Modified: 11/30/2018 11:51:52 AM

**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\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:

**MiSeq734 - 12 0.6X SS Lib**

**MiSeq734 - 13 0.6X SS Lib**

**MiSeq734 - 14 0.6X SS Lib**

**MiSeq734 - 15 0.6X SS Lib**

**MiSeq734 - 16 0.6X SS Lib**

**MiSeq734 - 17 0.6X SS Lib**

**MiSeq734 - 18 0.6X SS Lib**

**MiSeq734 - 19 0.6X SS Lib**

**MiSeq734 - 20 0.6X SS Lib**

**MiSeq734 - 21 0.6X SS Lib**

**MiSeq734 - 22 0.6X SS Lib**

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-11-30\2018-11-30\_001.xad

Created: 11/30/2018 11:10:34 AM  
 Modified: 11/30/2018 11:51:52 AM

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

| Sample Name               | Sample Comment | Rest. Digest             | Status | Observation | Result Label | Result Color |
|---------------------------|----------------|--------------------------|--------|-------------|--------------|--------------|
| MiSeq734 - 12 0.6X SS Lib |                | <input type="checkbox"/> | ✓      |             |              |              |
| MiSeq734 - 13 0.6X SS Lib |                | <input type="checkbox"/> | ✓      |             |              |              |
| MiSeq734 - 14 0.6X SS Lib |                | <input type="checkbox"/> | ✓      |             |              |              |
| MiSeq734 - 15 0.6X SS Lib |                | <input type="checkbox"/> | ✓      |             |              |              |
| MiSeq734 - 16 0.6X SS Lib |                | <input type="checkbox"/> | ✓      |             |              |              |
| MiSeq734 - 17 0.6X SS Lib |                | <input type="checkbox"/> | ✓      |             |              |              |
| MiSeq734 - 18 0.6X SS Lib |                | <input type="checkbox"/> | ✓      |             |              |              |
| MiSeq734 - 19 0.6X SS Lib |                | <input type="checkbox"/> | ✓      |             |              |              |
| MiSeq734 - 20 0.6X SS Lib |                | <input type="checkbox"/> | ✓      |             |              |              |
| MiSeq734 - 21 0.6X SS Lib |                | <input type="checkbox"/> | ✓      |             |              |              |
| MiSeq734 - 22 0.6X SS Lib |                | <input type="checkbox"/> | ✓      |             |              |              |
| Ladder                    |                | <input type="checkbox"/> | ✓      |             |              |              |

**Chip Lot #**

**Reagent Kit Lot #**

**Chip Comments :**

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-11-30\2018-11-30\_001.xad

Created: 11/30/2018 11:10:34 AM  
Modified: 11/30/2018 11:51:52 AM

**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: C:\... bioanalyzer\2100 expert\data\2018-11-30\2018-11-30\_001.xad

Created: 11/30/2018 11:10:34 AM  
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**Electropherogram Summary**

Ladder



Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-11-30\2018-11-30\_001.xad

Created: 11/30/2018 11:10:34 AM  
Modified: 11/30/2018 11:51:52 AM

**Electropherogram Summary Continued ...**

MiSeq734 - 12 0.6X SS Lib



Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-11-30\2018-11-30\_001.xad

Created: 11/30/2018 11:10:34 AM  
Modified: 11/30/2018 11:51:52 AM

**Electropherogram Summary Continued ...**

MiSeq734 - 13 0.6X SS Lib



Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-11-30\2018-11-30\_001.xad

Created: 11/30/2018 11:10:34 AM  
Modified: 11/30/2018 11:51:52 AM

**Electropherogram Summary Continued ...**

MiSeq734 - 14 0.6X SS Lib



Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-11-30\2018-11-30\_001.xad

Created: 11/30/2018 11:10:34 AM  
Modified: 11/30/2018 11:51:52 AM

**Electropherogram Summary Continued ...**

MiSeq734 - 15 0.6X SS Lib





Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-11-30\2018-11-30\_001.xad

Created: 11/30/2018 11:10:34 AM  
Modified: 11/30/2018 11:51:52 AM

**Electropherogram Summary Continued ...**

MiSeq734 - 16 0.6X SS Lib



Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-11-30\2018-11-30\_001.xad

Created: 11/30/2018 11:10:34 AM  
Modified: 11/30/2018 11:51:52 AM

**Electropherogram Summary Continued ...**

MiSeq734 - 17 0.6X SS Lib



Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-11-30\2018-11-30\_001.xad

Created: 11/30/2018 11:10:34 AM  
Modified: 11/30/2018 11:51:52 AM

**Electropherogram Summary Continued ...**

MiSeq734 - 18 0.6X SS Lib



Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-11-30\2018-11-30\_001.xad

Created: 11/30/2018 11:10:34 AM  
Modified: 11/30/2018 11:51:52 AM

**Electropherogram Summary Continued ...**

MiSeq734 - 19 0.6X SS Lib



Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-11-30\2018-11-30\_001.xad

Created: 11/30/2018 11:10:34 AM  
Modified: 11/30/2018 11:51:52 AM

**Electropherogram Summary Continued ...**

MiSeq734 - 20 0.6X SS Lib



Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-11-30\2018-11-30\_001.xad

Created: 11/30/2018 11:10:34 AM  
Modified: 11/30/2018 11:51:52 AM

**Electropherogram Summary Continued ...**

MiSeq734 - 21 0.6X SS Lib



Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-11-30\2018-11-30\_001.xad

Created: 11/30/2018 11:10:34 AM  
Modified: 11/30/2018 11:51:52 AM

**Electropherogram Summary Continued ...**

MiSeq734 - 22 0.6X SS Lib



Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-11-30\2018-11-30\_001.xad

Created: 11/30/2018 11:10:34 AM  
Modified: 11/30/2018 11:51:52 AM

**Gel Image**

