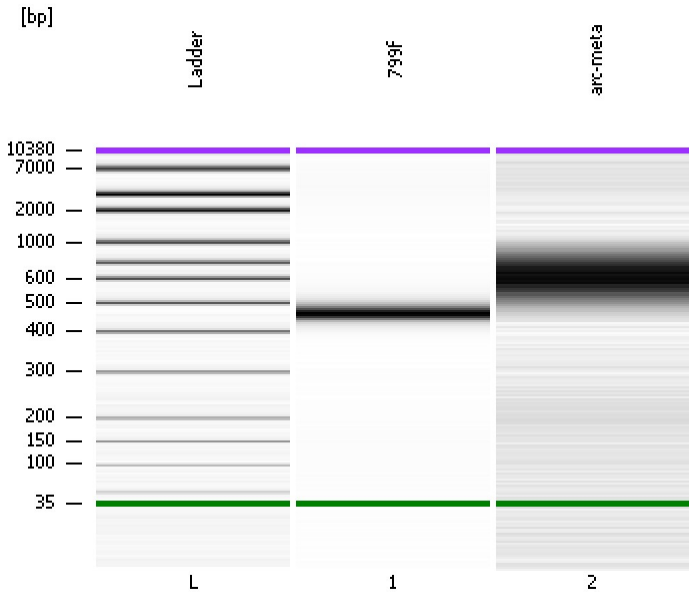


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...\2100 expert\data\2014-05-15\2014-05-15_004_Dana_Nathan.xad

Created: 5/15/2014 3:12:19 PM
Modified: 5/15/2014 4:12:33 PM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

Assay Information:

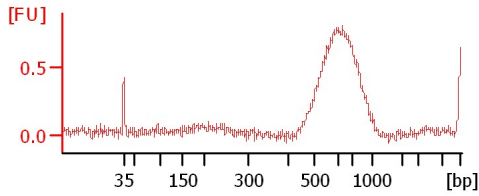
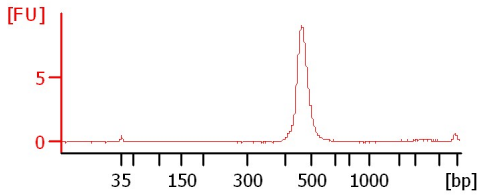
Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\High Sensitivity DNA.xsy
Assay Class: High Sensitivity DNA Assay
Version: 1.03
Assay Comments: Copyright © 2003-2010 Agilent Technologies

Chip Information:

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

799f

arc-meta



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...\2100 expert\data\2014-05-15\2014-05-15_004_Dana_Nathan.xad

Created: 5/15/2014 3:12:19 PM
 Modified: 5/15/2014 4:12:33 PM

Electrophoresis File Run Summary (Chip Summary)

| Sample Name | Sample Comment | Rest. Digest | Status | Observation | Result Label | Result Color |
|-------------|----------------|--------------------------|-------------------------------------|-------------|--------------|--------------|
| 799f | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| arc-meta | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| Ladder | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...\2100 expert\data\2014-05-15\2014-05-15_004_Dana_Nathan.xad

Created: 5/15/2014 3:12:19 PM
Modified: 5/15/2014 4:12:33 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] : 0.2
Area Threshold : 0.1
Width Threshold [s] : 0.6
Baseline Plateau [s] : 0.5

Filter Settings

Filter Width [s] : 0.5
Polynomial Order : 4

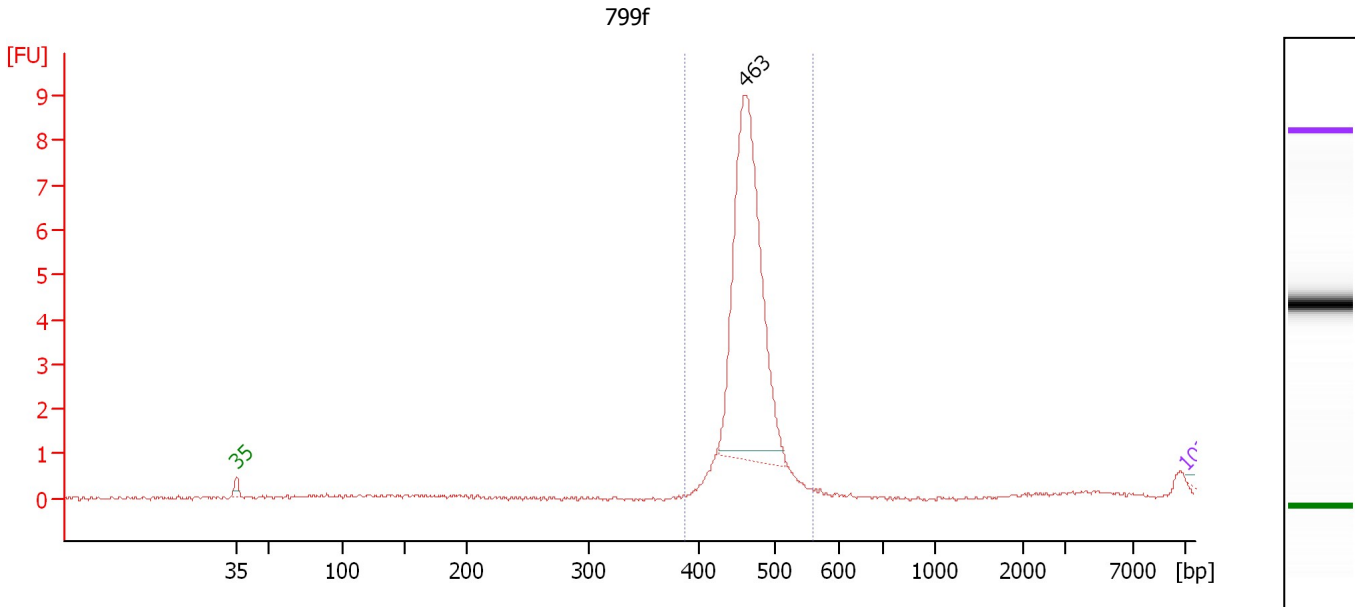
Ladder

| 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:\...\2100 expert\data\2014-05-15\2014-05-15_004_Dana_Nathan.xad

Created: 5/15/2014 3:12:19 PM
 Modified: 5/15/2014 4:12:33 PM

Electropherogram Summary



Overall Results for sample 1 : 799f

Number of peaks found: 1 Corr. Area 1: 30.8
 Noise: 0.0

Peak table for sample 1 : 799f

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 463 | 723,007.31 | 2,366,071.0 | |
| 3 | 10,380 | 75.00 | 10.9 | Upper Marker |

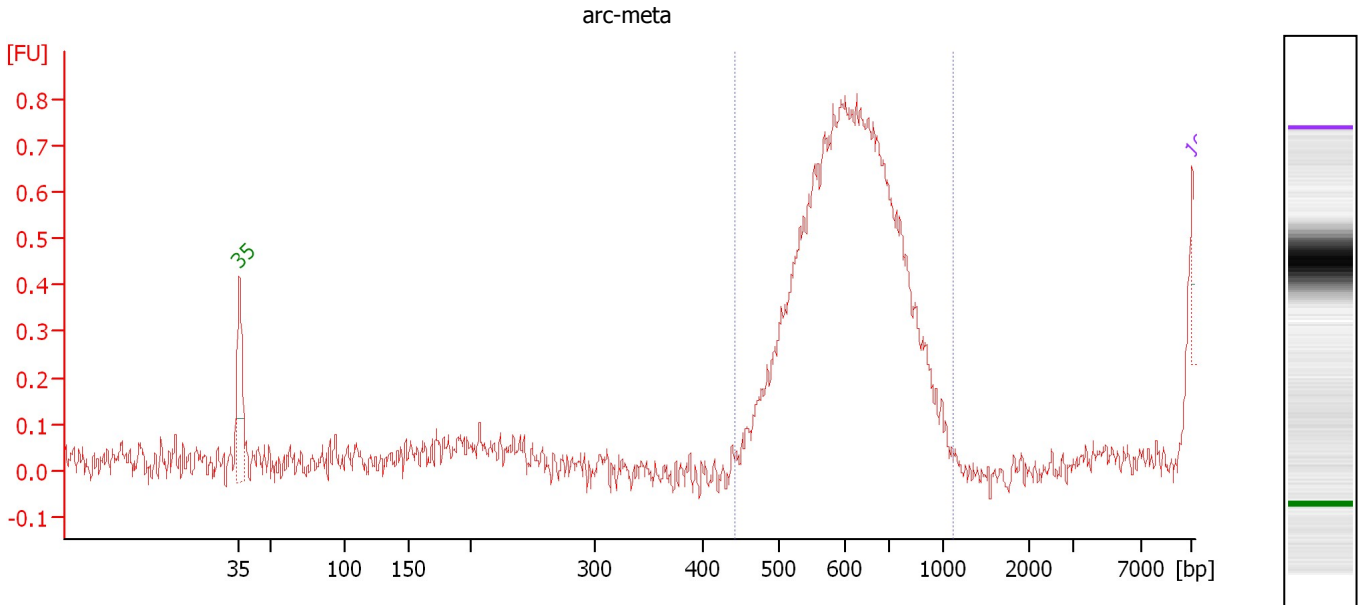
Region table for sample 1 : 799f

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Co Corr. lor Area | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|-------------------|---------------|-------------------|------------|-----------------------------|
| 388 | 560 | 467 | 2,856,278.5 | 878,787.50 | 30.8 | 99 | 4.5 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...\2100 expert\data\2014-05-15\2014-05-15_004_Dana_Nathan.xad

Created: 5/15/2014 3:12:19 PM
 Modified: 5/15/2014 4:12:33 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : arc-meta

Number of peaks found: 0 Corr. Area 1: 4.2
 Noise: 0.0

Peak table for sample 2 : arc-meta

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 10,380 | 75.00 | 10.9 | Upper Marker |

Region table for sample 2 : arc-meta

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Co Corr. lor Area | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|-------------------|---------------|-------------------|------------|-----------------------------|
| 442 | 1,134 | 621 | 4,823.3 | 1,951.82 | 4.2 | 100 | 11.4 |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...\2100 expert\data\2014-05-15\2014-05-15_004_Dana_Nathan.xad

Created: 5/15/2014 3:12:19 PM
Modified: 5/15/2014 4:12:33 PM

Gel Image

