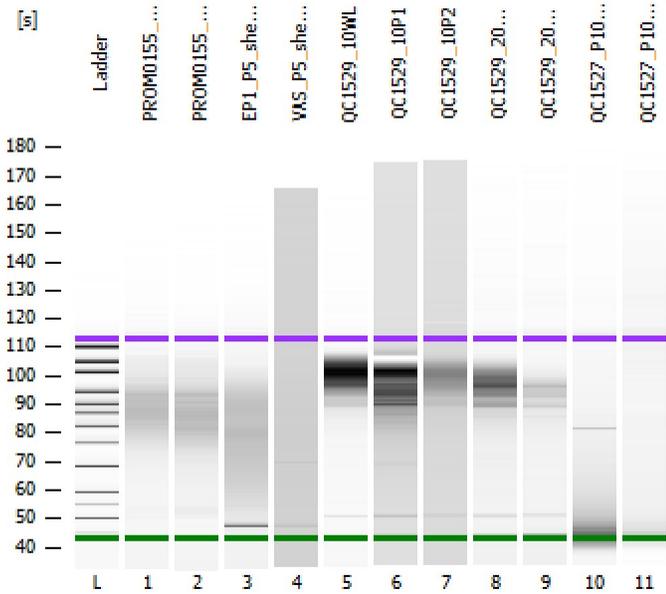


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...\Bioanalyzer1_High Sensitivity DNA Assay_2023-06-30_001.xad

Created: 6/30/2023 2:30:36 PM
Modified: 6/30/2023 4:04:04 PM

Electrophoresis File Run Summary



Instrument Information:

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

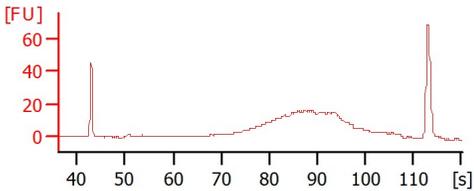
Assay Information:

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

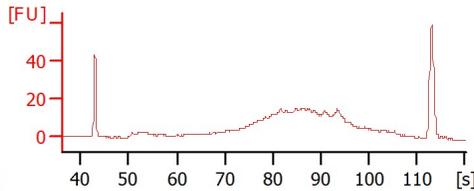
Chip Information:

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

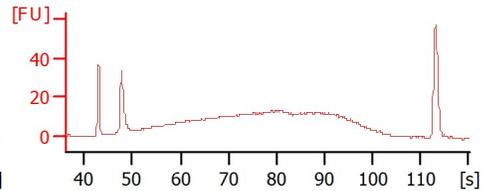
PROM0155_S1_1:5



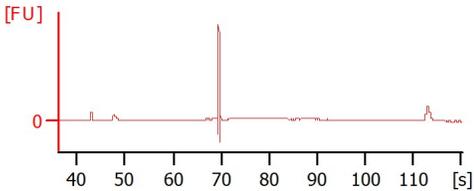
PROM0155_S2_1:5



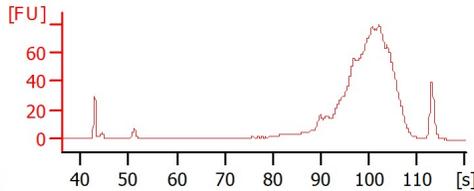
EP1_P5_shear1



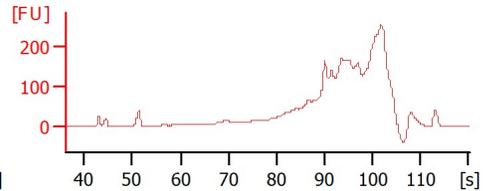
VAS_P5_shear1



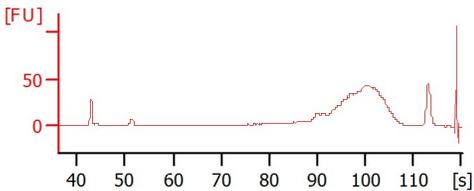
QC1529_10WL



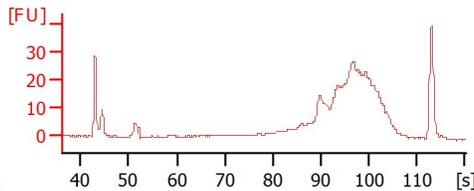
QC1529_10P1



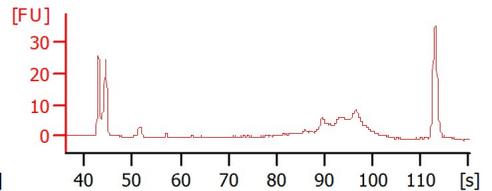
QC1529_10P2



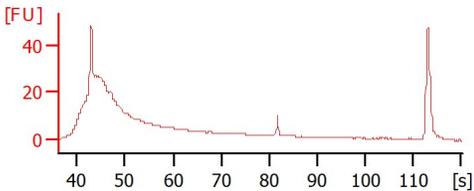
QC1529_20NPE



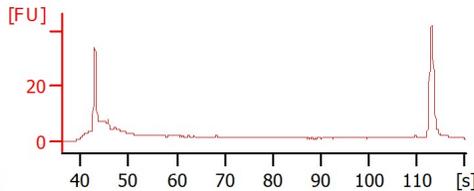
QC1529_20NPH



QC1527_P105_1:30dil



QC1527_P105E_1:100dil



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...\Bioanalyzer1_High Sensitivity DNA Assay_2023-06-30_001.xad

Created: 6/30/2023 2:30:36 PM
 Modified: 6/30/2023 4:04:04 PM

Electrophoresis File Run Summary (Chip Summary)

| Sample Name | Sample Comment | Rest. Digest | Status | Observation | Result Label | Result Color |
|-----------------------|----------------|--------------------------|--------|-------------|--------------|--------------|
| PROM0155_S1_1:5 | | <input type="checkbox"/> | | ✓ | | |
| PROM0155_S2_1:5 | | <input type="checkbox"/> | | ✓ | | |
| EP1_P5_shear1 | | <input type="checkbox"/> | | ✓ | | |
| VAS_P5_shear1 | | <input type="checkbox"/> | | ✓ | | |
| QC1529_10WL | | <input type="checkbox"/> | | ✓ | | |
| QC1529_10P1 | | <input type="checkbox"/> | | ✓ | | |
| QC1529_10P2 | | <input type="checkbox"/> | | ✓ | | |
| QC1529_20NPE | | <input type="checkbox"/> | | ✓ | | |
| QC1529_20NPH | | <input type="checkbox"/> | | ✓ | | |
| QC1527_P105_1:30dil | | <input type="checkbox"/> | | ✓ | | |
| QC1527_P105E_1:100dil | | <input type="checkbox"/> | | ✓ | | |
| Ladder | | <input type="checkbox"/> | | ✓ | | |

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...\Bioanalyzer1_High Sensitivity DNA Assay_2023-06-30_001.xad

Created: 6/30/2023 2:30:36 PM
 Modified: 6/30/2023 4:04:04 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

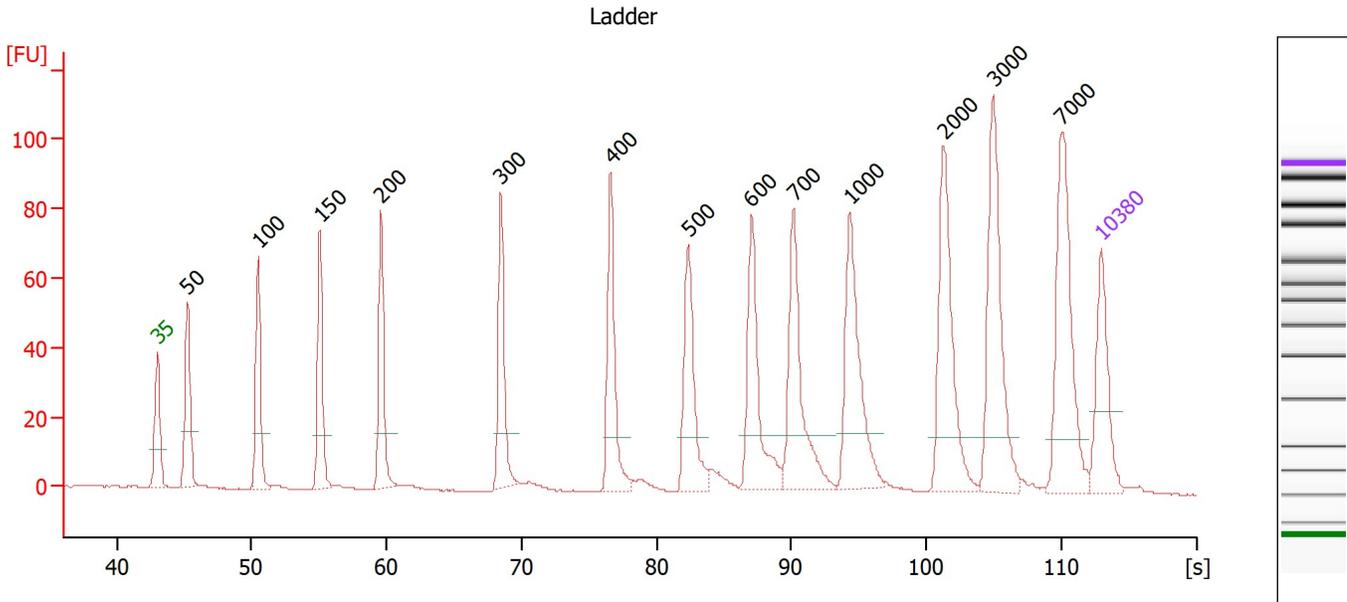
Ladder

| 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: C:\...\Bioanalyzer1_High Sensitivity DNA Assay_2023-06-30_001.xad

Created: 6/30/2023 2:30:36 PM
 Modified: 6/30/2023 4:04:04 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.2

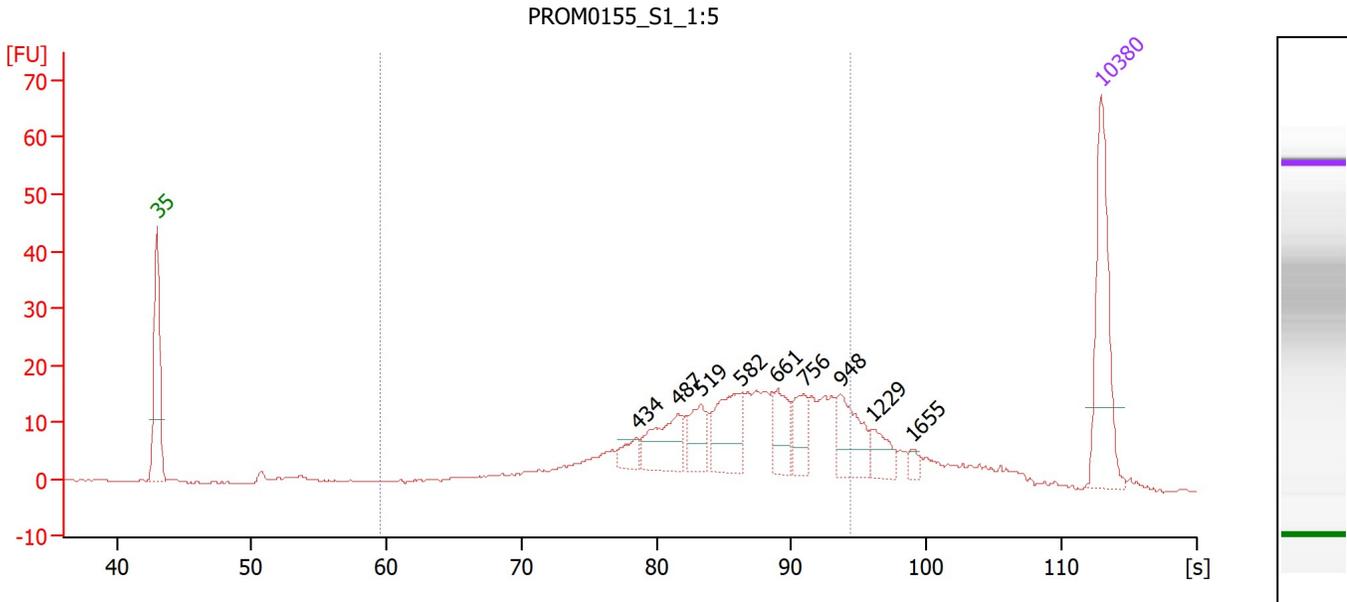
Peak table for Ladder

| Peak | Size [bp] | Conc. [pg/µl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 50 | 150.00 | 4,545.5 | Ladder Peak |
| 3 | 100 | 150.00 | 2,272.7 | Ladder Peak |
| 4 | 150 | 150.00 | 1,515.2 | Ladder Peak |
| 5 | 200 | 150.00 | 1,136.4 | Ladder Peak |
| 6 | 300 | 150.00 | 757.6 | Ladder Peak |
| 7 | 400 | 150.00 | 568.2 | Ladder Peak |
| 8 | 500 | 150.00 | 454.5 | Ladder Peak |
| 9 | 600 | 150.00 | 378.8 | Ladder Peak |
| 10 | 700 | 150.00 | 324.7 | Ladder Peak |
| 11 | 1,000 | 150.00 | 227.3 | Ladder Peak |
| 12 | 2,000 | 150.00 | 113.6 | Ladder Peak |
| 13 | 3,000 | 150.00 | 75.8 | Ladder Peak |
| 14 | 7,000 | 150.00 | 32.5 | Ladder Peak |
| 15 | 10,380 | 75.00 | 10.9 | Upper Marker |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...\Bioanalyzer1_High Sensitivity DNA Assay_2023-06-30_001.xad

Created: 6/30/2023 2:30:36 PM
 Modified: 6/30/2023 4:04:04 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : PROM0155_S1_1:5

Number of peaks found: 9 Corr. Area 1: 304.3
 Noise: 0.1

Peak table for sample 1 : PROM0155_S1_1:5

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 434 | 15.07 | 52.6 | |
| 3 | 487 | 47.97 | 149.3 | |
| 4 | 519 | 28.59 | 83.4 | |
| 5 | 582 | 52.52 | 136.6 | |
| 6 | 661 | 32.06 | 73.5 | |
| 7 | 756 | 26.79 | 53.7 | |
| 8 | 948 | 42.08 | 67.3 | |
| 9 | 1,229 | 18.15 | 22.4 | |
| 10 | 1,655 | 6.20 | 5.7 | |
| 11 | 10,380 | 75.00 | 10.9 | Upper Marker |

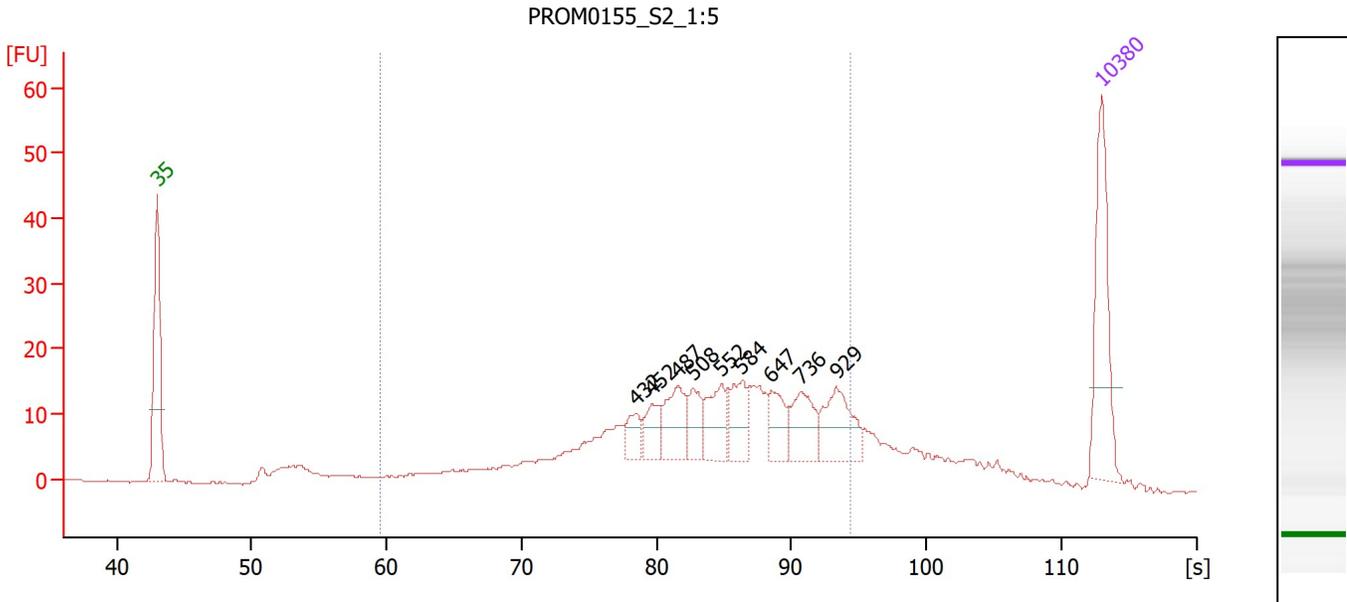
Region table for sample 1 : PROM0155_S1_1:5

| From [s] | To [s] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|----------|--------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 59.62 | 94.36 | 304.3 | 77 | 596 | 29.4 | 499.50 | 1,451.8 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...\Bioanalyzer1_High Sensitivity DNA Assay_2023-06-30_001.xad

Created: 6/30/2023 2:30:36 PM
 Modified: 6/30/2023 4:04:04 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : PROM0155_S2_1:5

Number of peaks found: 9 Corr. Area 1: 325.8
 Noise: 0.2

Peak table for sample 2 : PROM0155_S2_1:5

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 432 | 20.01 | 70.2 | |
| 3 | 452 | 24.84 | 83.2 | |
| 4 | 487 | 45.10 | 140.4 | |
| 5 | 508 | 26.75 | 79.8 | |
| 6 | 552 | 37.30 | 102.3 | |
| 7 | 584 | 34.06 | 88.3 | |
| 8 | 647 | 29.57 | 69.2 | |
| 9 | 736 | 39.64 | 81.7 | |
| 10 | 929 | 49.99 | 81.6 | |
| 11 | 10,380 | 75.00 | 10.9 | Upper Marker |

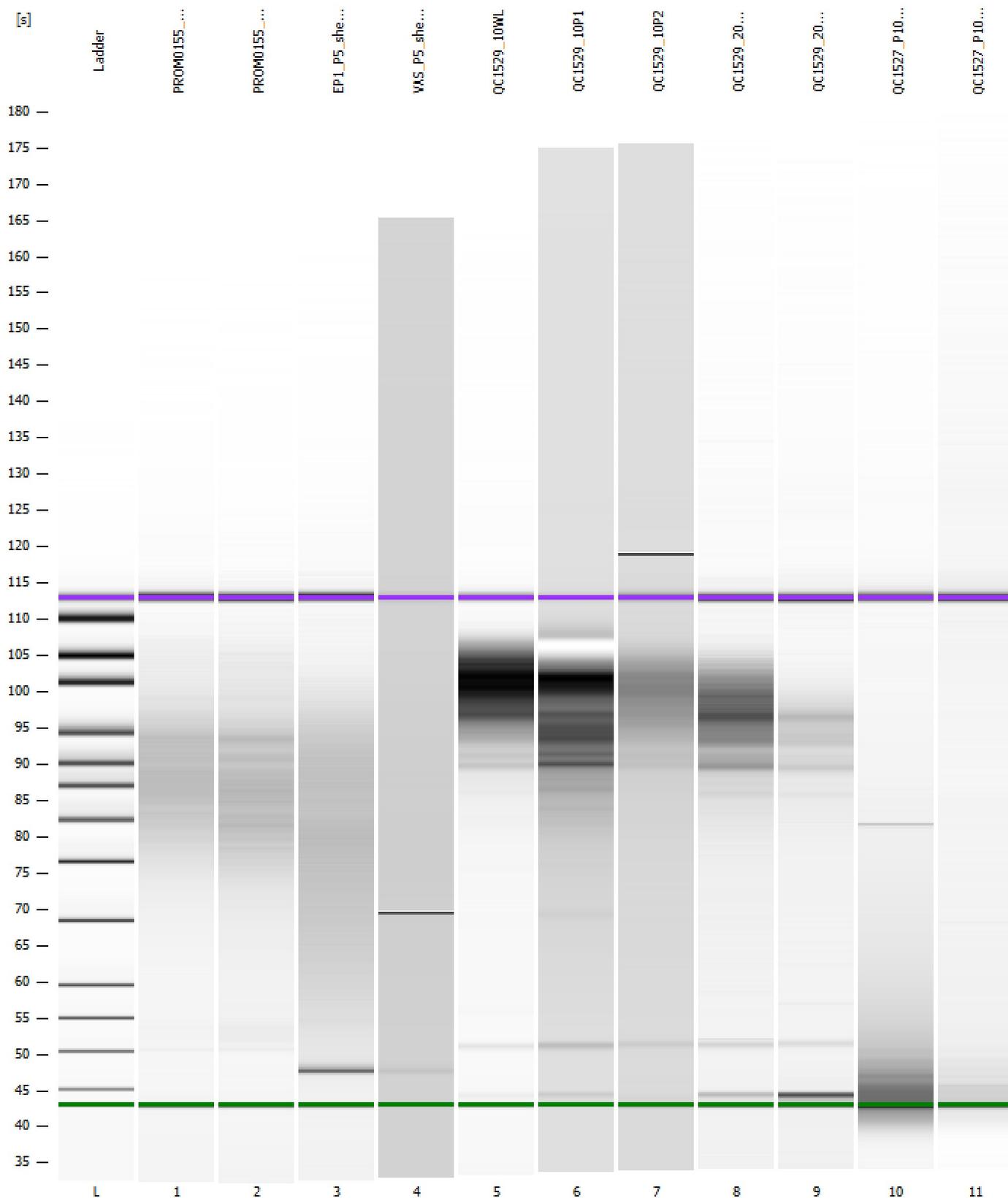
Region table for sample 2 : PROM0155_S2_1:5

| From [s] | To [s] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|----------|--------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 59.62 | 94.36 | 325.8 | 78 | 560 | 31.9 | 658.33 | 2,077.5 | Blue |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...\Bioanalyzer1_High Sensitivity DNA Assay_2023-06-30_001.xad

Created: 6/30/2023 2:30:36 PM
Modified: 6/30/2023 4:04:04 PM

Gel Image

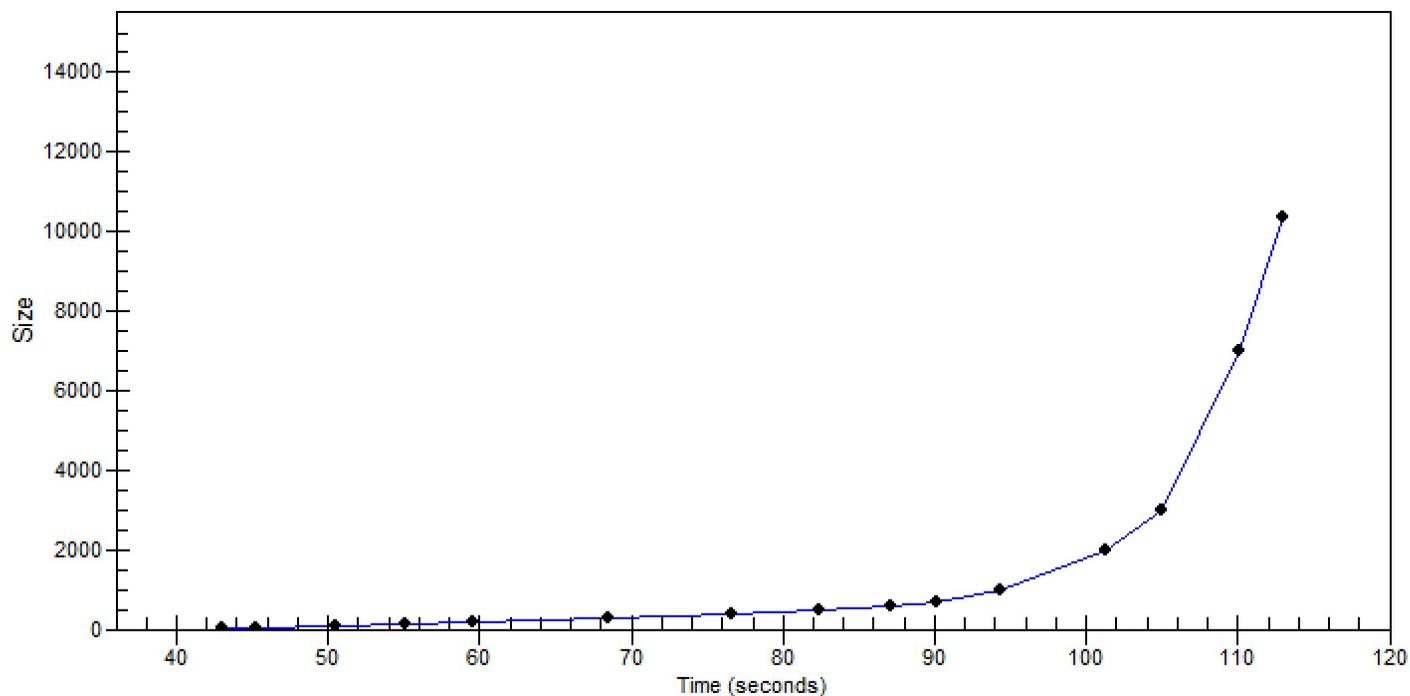


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...\Bioanalyzer1_High Sensitivity DNA Assay_2023-06-30_001.xad

Created: 6/30/2023 2:30:36 PM
Modified: 6/30/2023 4:04:04 PM

Curves

Standard Curve



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...\Bioanalyzer1_High Sensitivity DNA Assay_2023-06-30_001.xad

Created: 6/30/2023 2:30:36 PM
 Modified: 6/30/2023 4:04:04 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 | | 6/30/2023 3:11:56 PM | (GMT --07:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |
| Run started on port 1 (File: C:\Users\sbsuser\Desktop\2023-06-30\Bioanalyzer1_High Sensitivity DNA Assay_2023-06-30_001.xad) | | Instrument | Run | | 6/30/2023 2:30:42 PM | (GMT --07:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |
| Product Number : G2938C | | Instrument | Run | | 6/30/2023 2:30:42 PM | (GMT --07:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |
| Name : | | Instrument | Run | | 6/30/2023 2:30:42 PM | (GMT --07:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |
| Vendor : Agilent Technologies | | Instrument | Run | | 6/30/2023 2:30:42 PM | (GMT --07:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |
| Serial# : DE34903152 | | Instrument | Run | | 6/30/2023 2:30:42 PM | (GMT --07:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |
| Firmware : C.01.069 | | Instrument | Run | | 6/30/2023 2:30:42 PM | (GMT --07:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |
| Cartridge : Electrode | | Instrument | Run | | 6/30/2023 2:30:42 PM | (GMT --07:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |