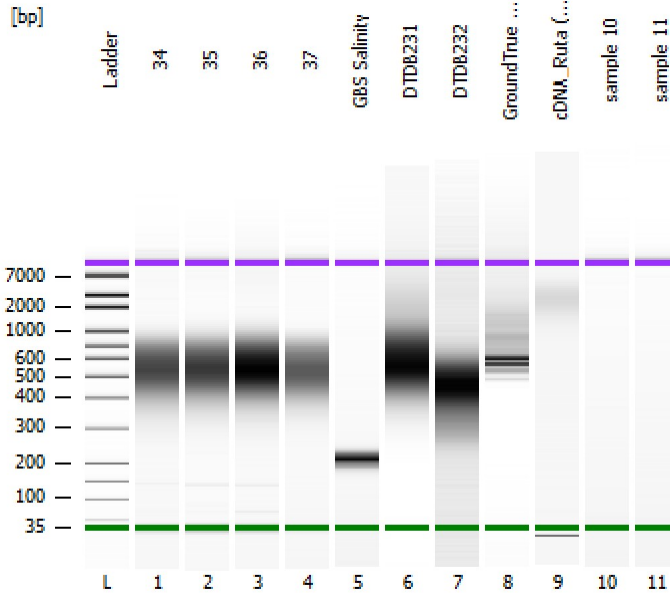


Assay Class: High Sensitivity DNA Assay
Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-06-15_002.xad

Created: 6/15/2020 2:26:57 PM
Modified: 6/15/2020 3:07:30 PM

Electrophoresis File Run Summary



Instrument Information:

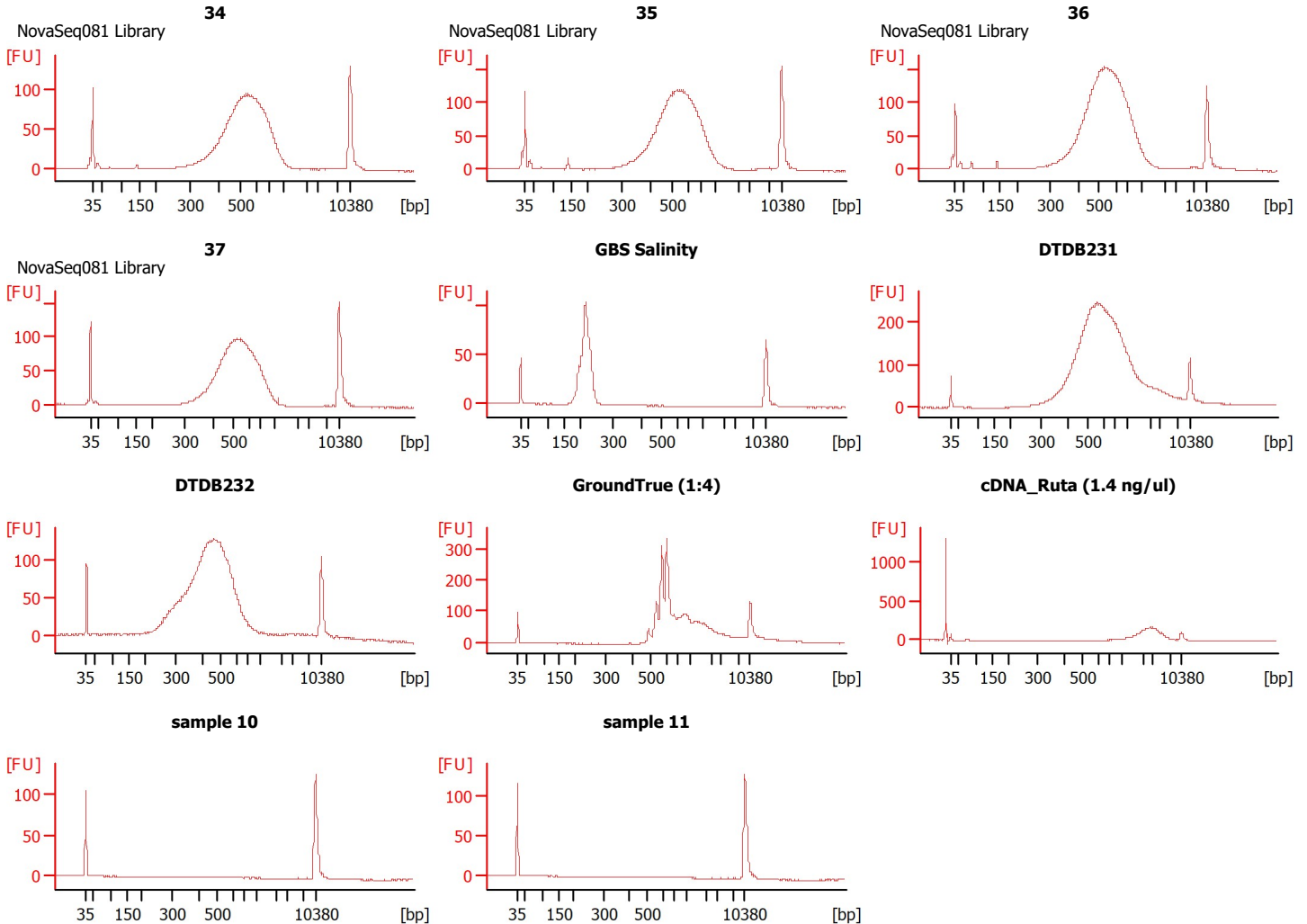
Instrument Name: DE34903152 Firmware: C.01.069
Serial#: DE34903152 Type: G2938C

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:



Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-06-15_002.xad

Created: 6/15/2020 2:26:57 PM
 Modified: 6/15/2020 3:07:30 PM

Electrophoresis File Run Summary (Chip Summary)

| Sample Name | Sample Comment | Rest. Digest | Status | Observation | Result Label | Result Color |
|-----------------------|--------------------|--------------------------|--------|-------------|--------------|--------------|
| 34 | NovaSeq081 Library | <input type="checkbox"/> | ✓ | | | |
| 35 | NovaSeq081 Library | <input type="checkbox"/> | ✓ | | | |
| 36 | NovaSeq081 Library | <input type="checkbox"/> | ✓ | | | |
| 37 | NovaSeq081 Library | <input type="checkbox"/> | ✓ | | | |
| GBS Salinity | | <input type="checkbox"/> | ✓ | | | |
| DTDB231 | | <input type="checkbox"/> | ✓ | | | |
| DTDB232 | | <input type="checkbox"/> | ✓ | | | |
| GroundTrue (1:4) | | <input type="checkbox"/> | ✓ | | | |
| cDNA_Ruta (1.4 ng/ul) | | <input type="checkbox"/> | ✓ | | | |
| sample 10 | | <input type="checkbox"/> | ✓ | | | |
| sample 11 | | <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_2020-06-15_002.xad

Created: 6/15/2020 2:26:57 PM
 Modified: 6/15/2020 3:07:30 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

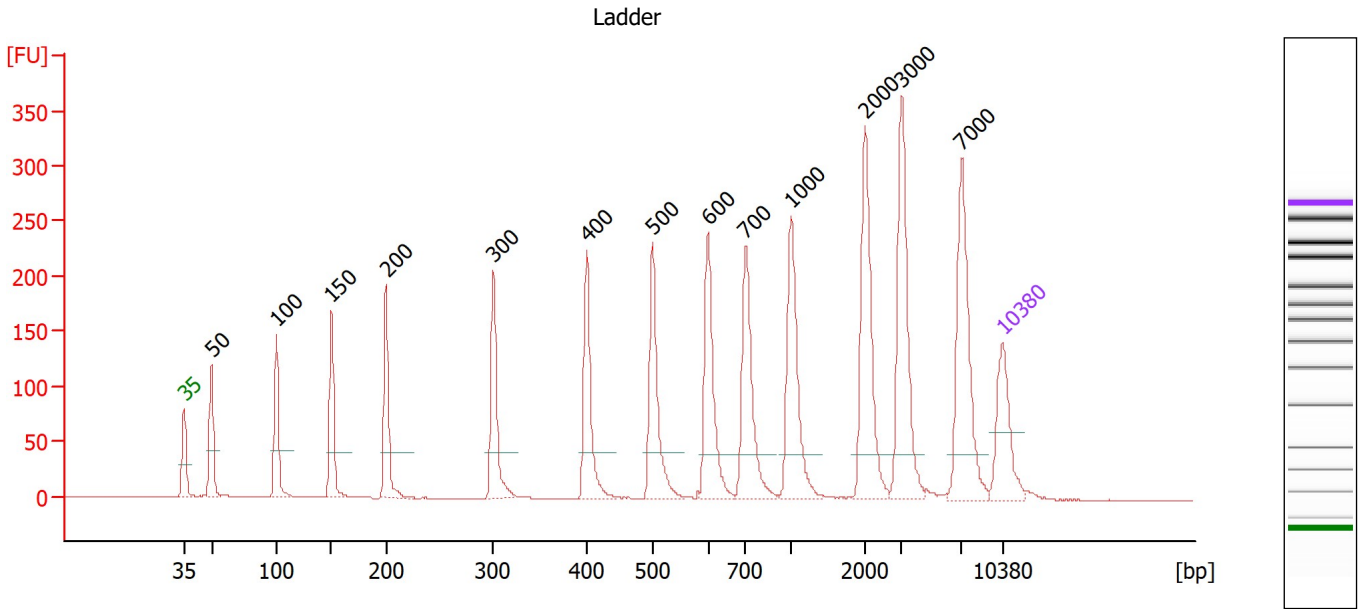
Ladder

| 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_2020-06-15_002.xad

Created: 6/15/2020 2:26:57 PM
 Modified: 6/15/2020 3:07:30 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.3

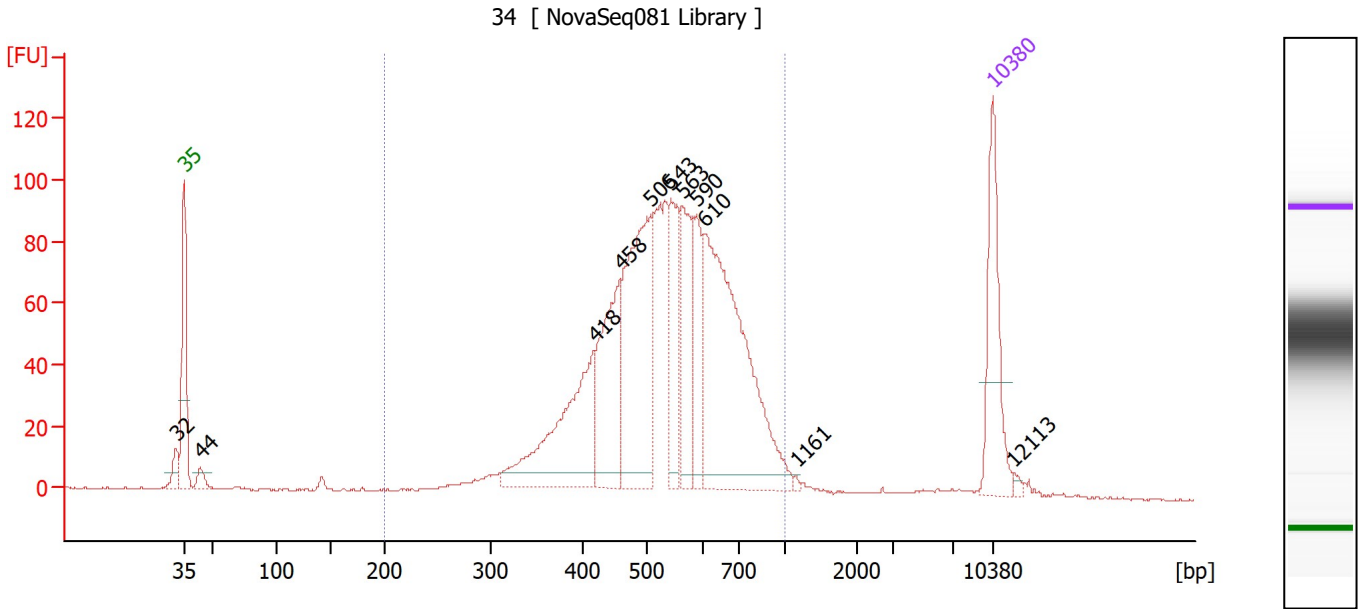
Peak table for Ladder

| 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: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-06-15_002.xad

Created: 6/15/2020 2:26:57 PM
 Modified: 6/15/2020 3:07:30 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : 34

Number of peaks found: 11 Corr. Area 1: 1,620.5
 Noise: 0.3

Peak table for sample 1 : 34

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 32 | 0.00 | 0.0 | |
| 2 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 3 | 44 | 14.31 | 495.6 | |
| 4 | 418 | 169.40 | 614.6 | |
| 5 | 458 | 128.44 | 425.0 | |
| 6 | 506 | 227.37 | 681.2 | |
| 7 | 543 | 85.09 | 237.5 | |
| 8 | 563 | 95.63 | 257.3 | |
| 9 | 590 | 63.66 | 163.4 | |
| 10 | 610 | 301.94 | 749.7 | |
| 11 | 1,161 | 1.75 | 2.3 | |
| 12 | 10,380 | 75.00 | 10.9 | Upper Marker |
| 13 | 12,113 | 0.00 | 0.0 | |

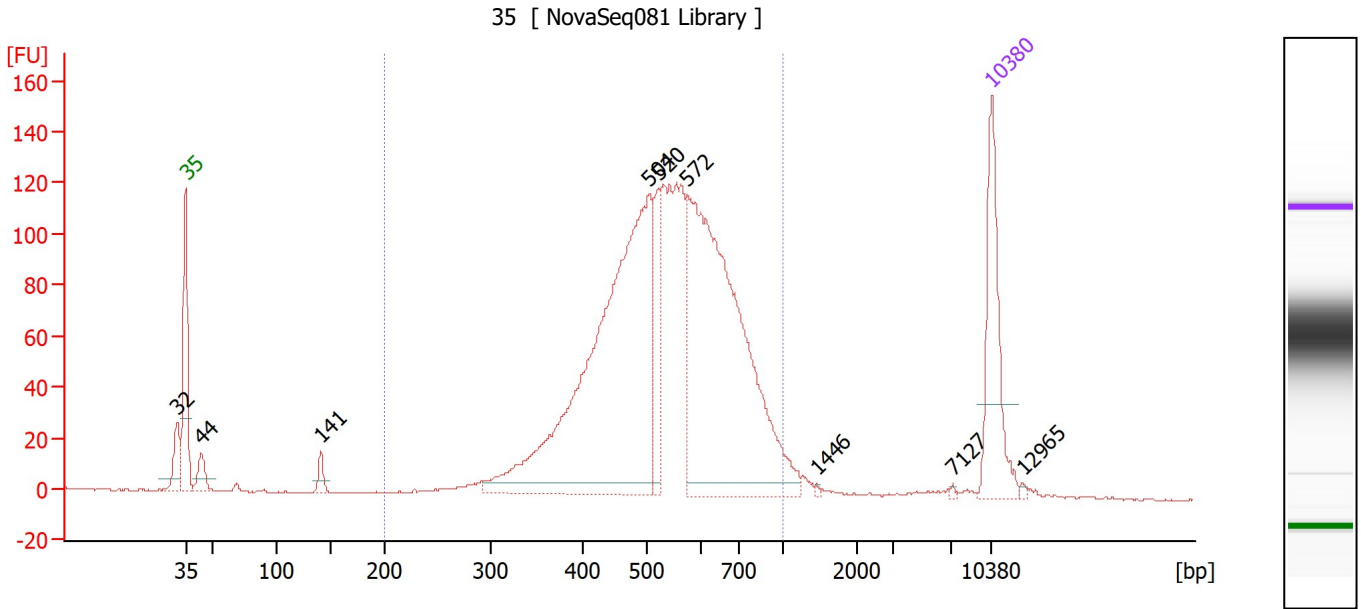
Region table for sample 1 : 34

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200 | 1,000 | 1,620.5 | 94 | 544 | 23.4 | 1,283.94 | 3,868.0 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-06-15_002.xad

Created: 6/15/2020 2:26:57 PM
 Modified: 6/15/2020 3:07:30 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : 35

Number of peaks found: 9 Corr. Area 1: 2,039.6
 Noise: 0.3

Peak table for sample 2 : 35

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 32 | 0.00 | 0.0 | |
| 2 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 3 | 44 | 24.69 | 854.4 | |
| 4 | 141 | 13.28 | 143.0 | |
| 5 | 504 | 521.07 | 1,566.2 | |
| 6 | 520 | 57.00 | 166.2 | |
| 7 | 572 | 437.89 | 1,159.1 | |
| 8 | 1,446 | 1.30 | 1.4 | |
| 9 | 7,127 | 1.18 | 0.3 | |
| 10 | 10,380 | 75.00 | 10.9 | Upper Marker |
| 11 | 12,965 | 0.00 | 0.0 | |

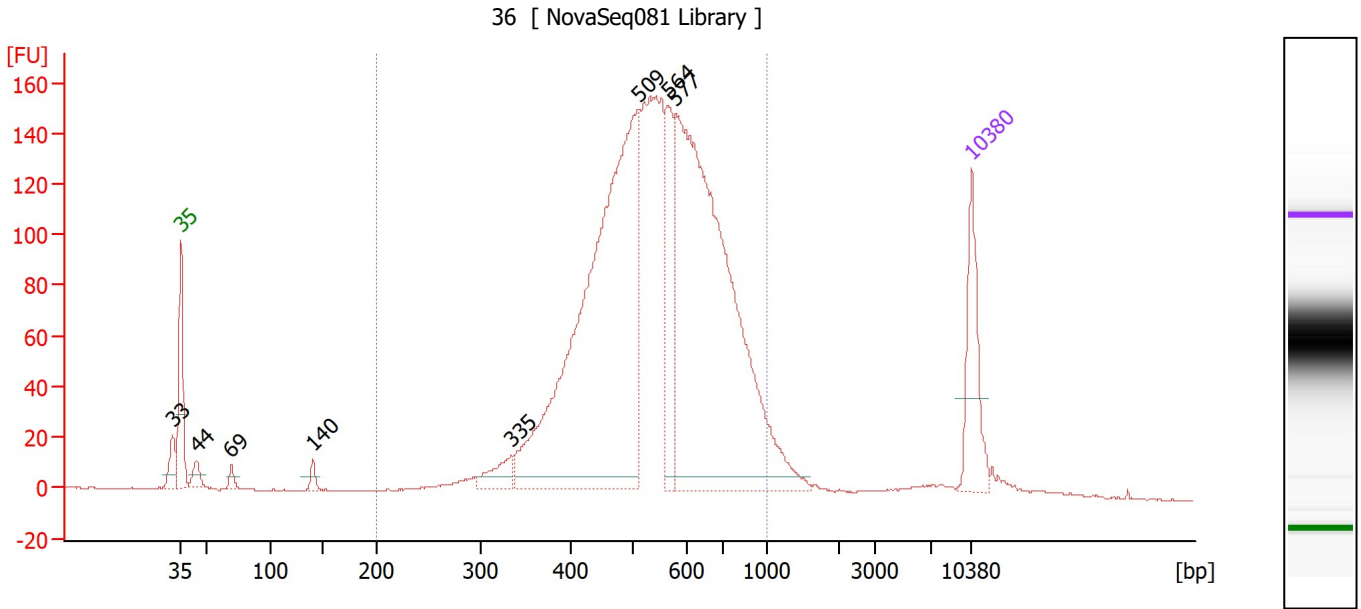
Region table for sample 2 : 35

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200 | 1,000 | 2,039.6 | 93 | 548 | 23.3 | 1,215.81 | 3,620.4 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-06-15_002.xad

Created: 6/15/2020 2:26:57 PM
 Modified: 6/15/2020 3:07:30 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : 36

Number of peaks found: 8 Corr. Area 1: 2,636.6
 Noise: 0.3

Peak table for sample 3 : 36

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 33 | 0.00 | 0.0 | |
| 2 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 3 | 44 | 23.85 | 827.8 | |
| 4 | 69 | 12.76 | 280.2 | |
| 5 | 140 | 13.55 | 146.5 | |
| 6 | 335 | 36.81 | 166.6 | |
| 7 | 509 | 837.01 | 2,492.8 | |
| 8 | 564 | 107.75 | 289.2 | |
| 9 | 577 | 772.83 | 2,028.0 | |
| 10 | 10,380 | 75.00 | 10.9 | Upper Marker |

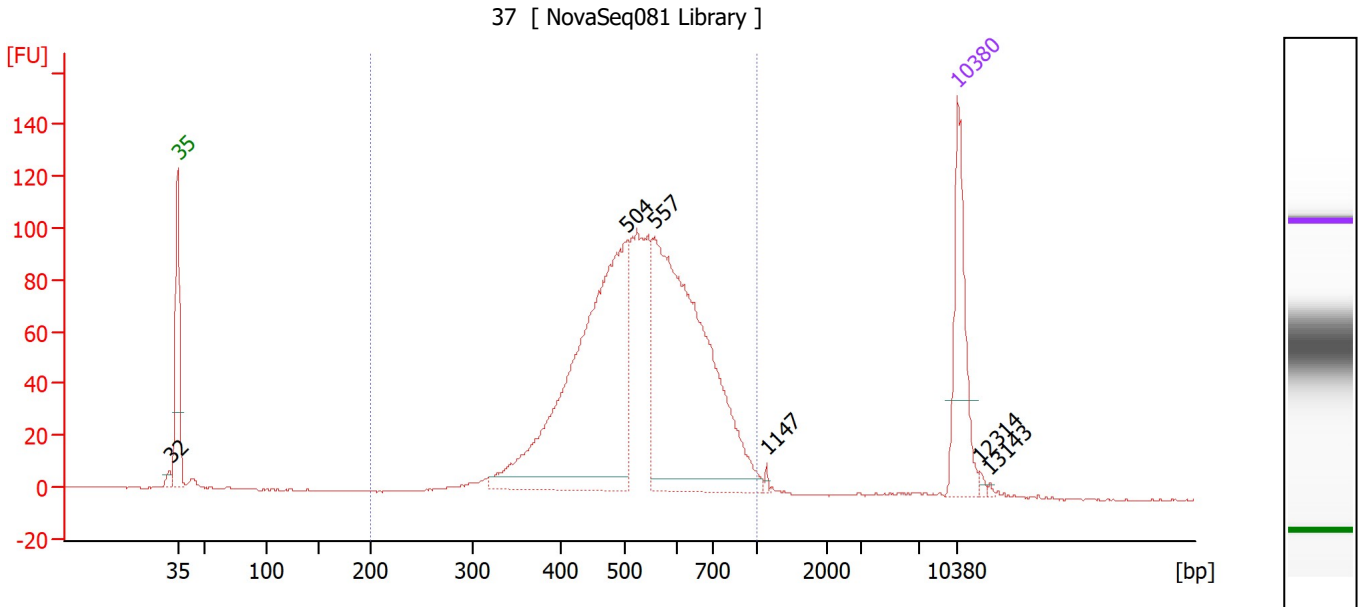
Region table for sample 3 : 36

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200 | 1,000 | 2,636.6 | 93 | 554 | 23.7 | 2,156.76 | 6,366.4 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-06-15_002.xad

Created: 6/15/2020 2:26:57 PM
 Modified: 6/15/2020 3:07:30 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : 37

Number of peaks found: 6 Corr. Area 1: 1,601.8
 Noise: 0.3

Peak table for sample 4 : 37

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 32 | 0.00 | 0.0 | |
| 2 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 3 | 504 | 445.98 | 1,340.0 | |
| 4 | 557 | 420.84 | 1,145.3 | |
| 5 | 1,147 | 2.12 | 2.8 | |
| 6 | 10,380 | 75.00 | 10.9 | Upper Marker |
| 7 | 12,314 | 0.00 | 0.0 | |
| 8 | 13,143 | 0.00 | 0.0 | |

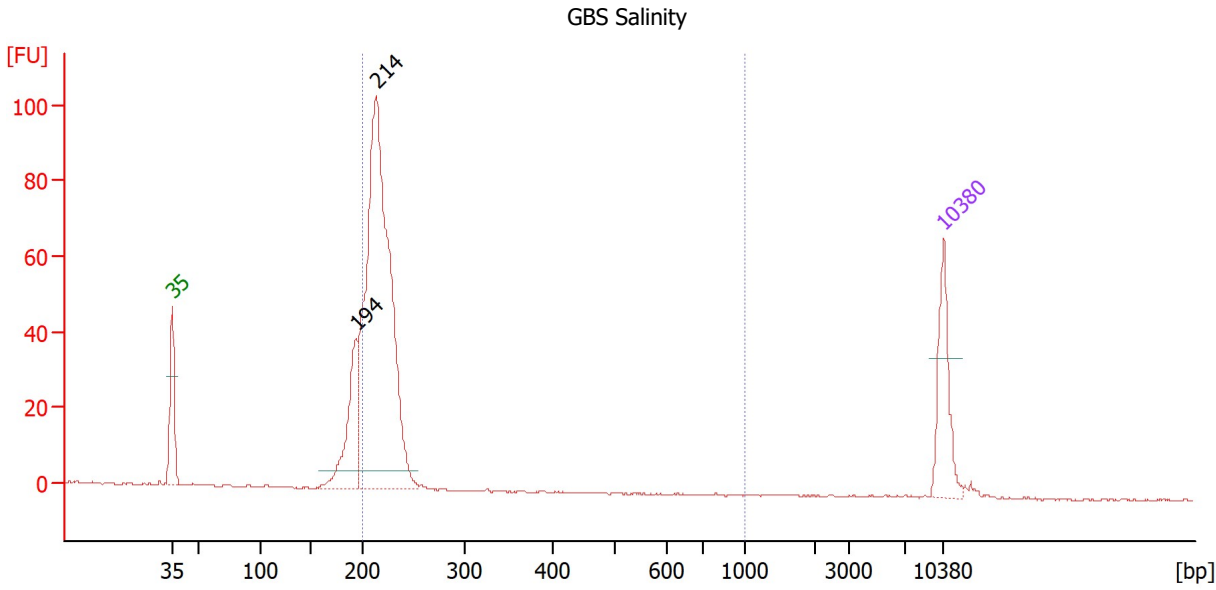
Region table for sample 4 : 37

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200 | 1,000 | 1,601.8 | 97 | 543 | 22.2 | 1,058.40 | 3,149.9 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-06-15_002.xad

Created: 6/15/2020 2:26:57 PM
 Modified: 6/15/2020 3:07:30 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : GBS Salinity

Number of peaks found: 2 Corr. Area 1: 406.9
 Noise: 0.2

Peak table for sample 5 : GBS Salinity

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 194 | 145.56 | 1,139.0 | |
| 3 | 214 | 851.50 | 6,042.5 | |
| 4 | 10,380 | 75.00 | 10.9 | Upper Marker |

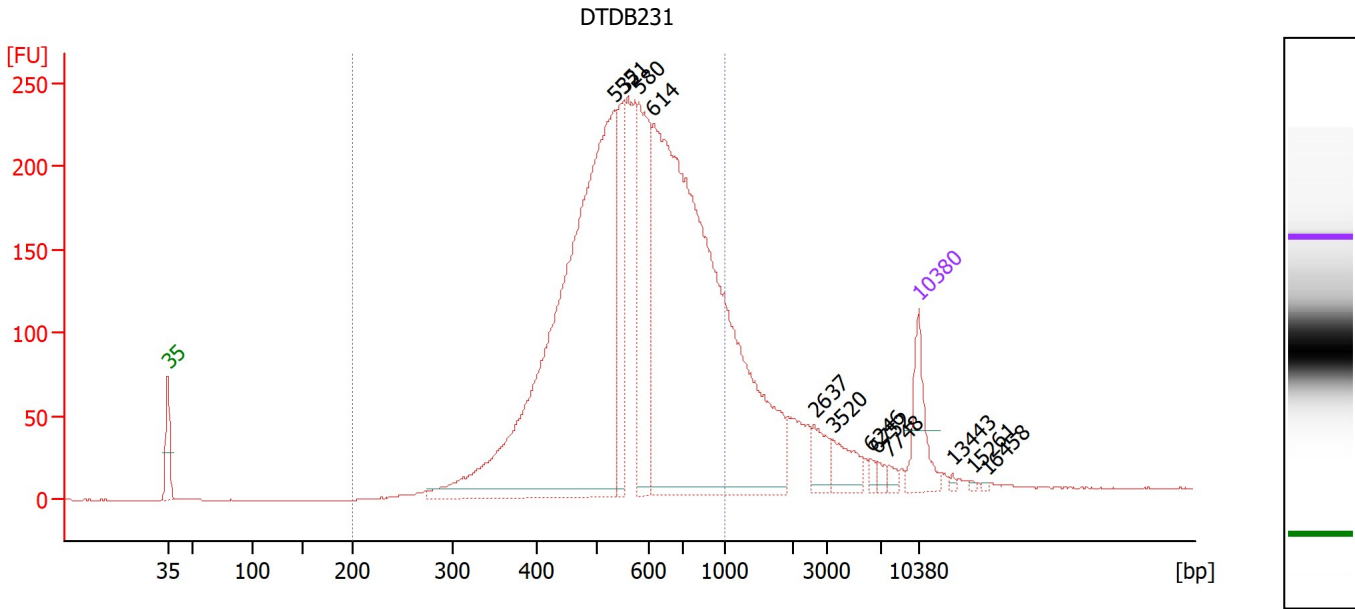
Region table for sample 5 : GBS Salinity

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200 | 1,000 | 406.9 | 80 | 218 | 4.9 | 781.07 | 5,438.3 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-06-15_002.xad

Created: 6/15/2020 2:26:57 PM
 Modified: 6/15/2020 3:07:30 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : DTDB231

Number of peaks found: 12 Corr. Area 1: 4,032.7
 Noise: 0.2

Peak table for sample 6 : DTDB231

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 532 | 1,450.76 | 4,130.2 | |
| 3 | 551 | 183.44 | 504.4 | |
| 4 | 580 | 278.08 | 725.9 | |
| 5 | 614 | 1,491.57 | 3,678.8 | |
| 6 | 2,637 | 42.32 | 24.3 | |
| 7 | 3,520 | 48.46 | 20.9 | |
| 8 | 6,246 | 8.94 | 2.2 | |
| 9 | 6,752 | 9.37 | 2.1 | |
| 10 | 7,748 | 9.91 | 1.9 | |
| 11 | 10,380 | 75.00 | 10.9 | Upper Marker |
| 12 | 13,443 | 0.00 | 0.0 | |
| 13 | 15,261 | 0.00 | 0.0 | |
| 14 | 16,458 | 0.00 | 0.0 | |

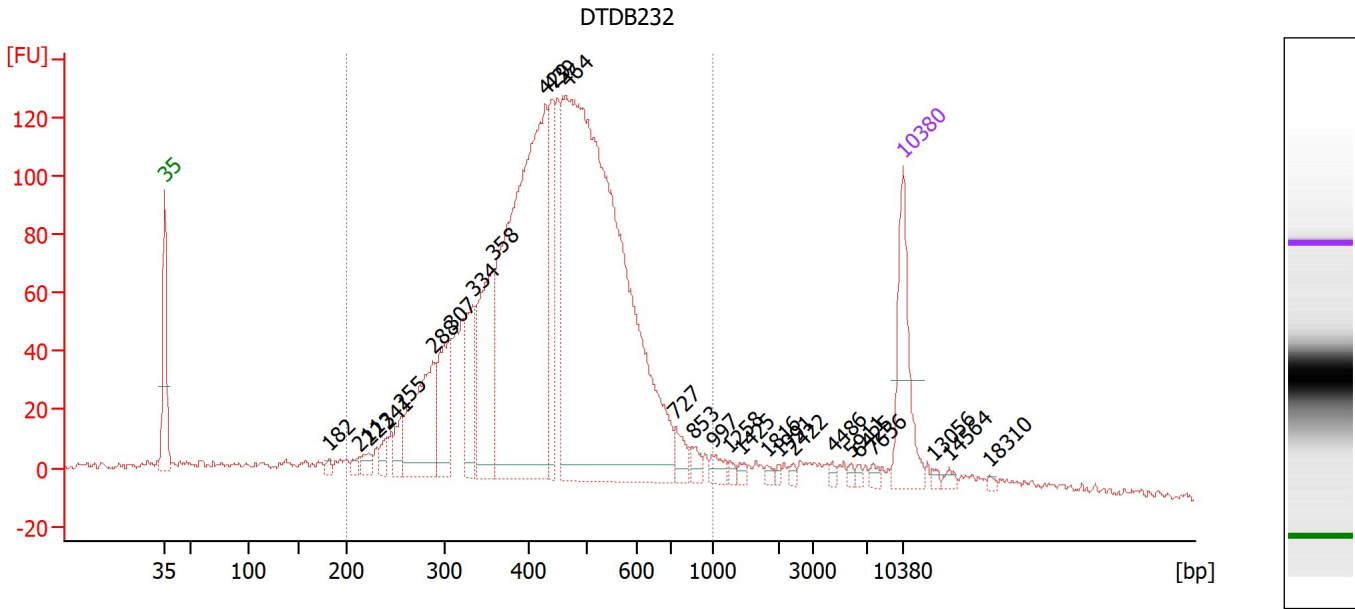
Region table for sample 6 : DTDB231

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200 | 1,000 | 4,032.7 | 84 | 586 | 25.2 | 3,350.21 | 9,415.2 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-06-15_002.xad

Created: 6/15/2020 2:26:57 PM
 Modified: 6/15/2020 3:07:30 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : DTDB232

Number of peaks found: 27 Corr. Area 1: 2,650.5
 Noise: 1.1

Peak table for sample 7 : DTDB232

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 182 | 6.03 | 50.3 | |
| 3 | 211 | 8.11 | 58.2 | |
| 4 | 223 | 14.59 | 99.3 | |
| 5 | 241 | 16.52 | 104.0 | |
| 6 | 255 | 28.16 | 167.0 | |
| 7 | 288 | 143.86 | 755.9 | |
| 8 | 307 | 88.89 | 438.0 | |
| 9 | 334 | 80.87 | 366.8 | |
| 10 | 358 | 147.42 | 623.7 | |
| 11 | 429 | 578.31 | 2,043.8 | |
| 12 | 439 | 94.63 | 326.9 | |
| 13 | 464 | 972.31 | 3,175.9 | |
| 14 | 727 | 19.92 | 41.5 | |
| 15 | 853 | 11.71 | 20.8 | |
| 16 | 997 | 11.90 | 18.1 | |
| 17 | 1,258 | 3.96 | 4.8 | |
| 18 | 1,425 | 4.53 | 4.8 | |
| 19 | 1,816 | 3.94 | 3.3 | |
| 20 | 1,991 | 2.73 | 2.1 | |
| 21 | 2,422 | 3.58 | 2.2 | |
| 22 | 4,486 | 3.14 | 1.1 | |
| 23 | 5,911 | 3.11 | 0.8 | |
| 24 | 6,425 | 3.18 | 0.7 | |
| 25 | 7,656 | 4.63 | 0.9 | |
| 26 | 10,380 | 75.00 | 10.9 | Upper Marker |

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-06-15_002.xad

Created: 6/15/2020 2:26:57 PM
 Modified: 6/15/2020 3:07:30 PM

Electropherogram Summary Continued ...

... Peak table for sample 7 : DTDB232

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 27 | 13,056 | 0.00 | 0.0 | |
| 28 | 14,564 | 0.00 | 0.0 | |
| 29 | 18,310 | 0.00 | 0.0 | |

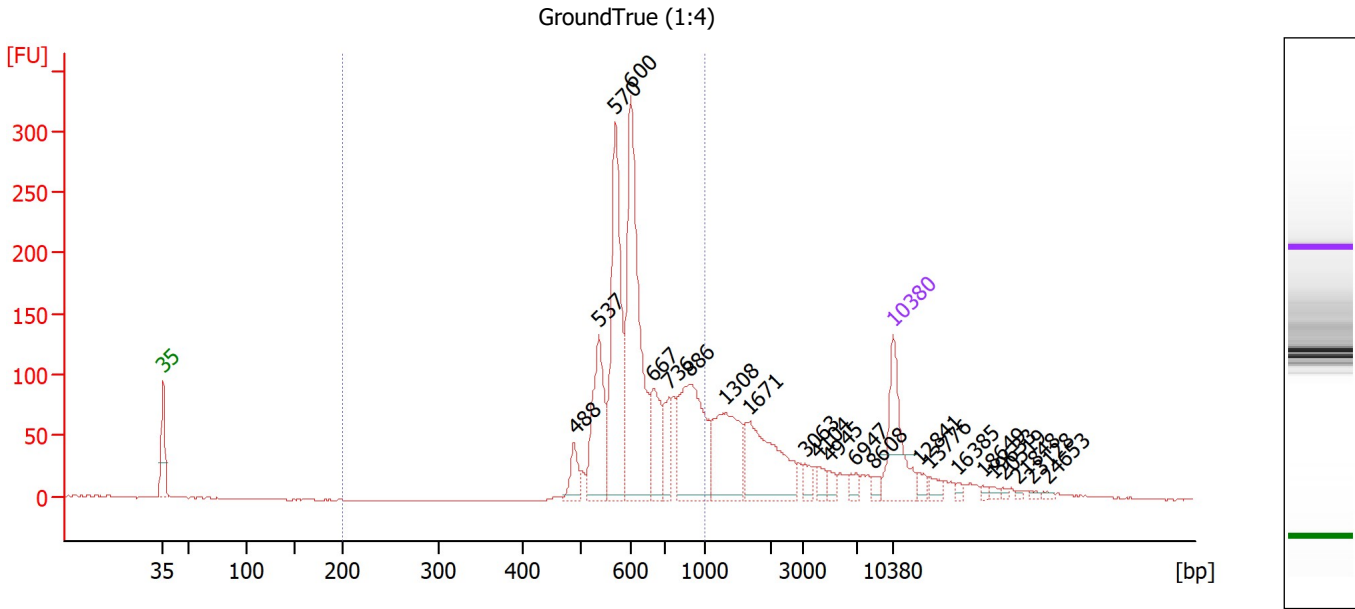
Region table for sample 7 : DTDB232

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|---|
| 200 | 1,000 | 2,650.5 | 90 | 448 | 25.9 | 2,363.27 | 8,797.9 |  |

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-06-15_002.xad

Created: 6/15/2020 2:26:57 PM
 Modified: 6/15/2020 3:07:30 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : GroundTrue (1:4)

Number of peaks found: 23 Corr. Area 1: 1,624.3
 Noise: 0.4

Peak table for sample 8 : GroundTrue (1:4)

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 488 | 32.15 | 99.8 | |
| 3 | 537 | 127.32 | 359.4 | |
| 4 | 570 | 223.91 | 595.0 | |
| 5 | 600 | 295.37 | 745.3 | |
| 6 | 667 | 69.62 | 158.2 | |
| 7 | 736 | 43.28 | 89.2 | |
| 8 | 886 | 167.91 | 287.2 | |
| 9 | 1,308 | 109.54 | 126.9 | |
| 10 | 1,671 | 115.71 | 104.9 | |
| 11 | 3,063 | 12.54 | 6.2 | |
| 12 | 4,104 | 11.30 | 4.2 | |
| 13 | 4,945 | 9.36 | 2.9 | |
| 14 | 6,947 | 9.53 | 2.1 | |
| 15 | 8,608 | 6.94 | 1.2 | |
| 16 | 10,380 | 75.00 | 10.9 | Upper Marker |
| 17 | 12,841 | 0.00 | 0.0 | |
| 18 | 13,776 | 0.00 | 0.0 | |
| 19 | 16,385 | 0.00 | 0.0 | |
| 20 | 18,649 | 0.00 | 0.0 | |
| 21 | 19,633 | 0.00 | 0.0 | |
| 22 | 20,519 | 0.00 | 0.0 | |
| 23 | 21,848 | 0.00 | 0.0 | |
| 24 | 23,128 | 0.00 | 0.0 | |
| 25 | 24,653 | 0.00 | 0.0 | |

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-06-15_002.xad

Created: 6/15/2020 2:26:57 PM
 Modified: 6/15/2020 3:07:30 PM

Electropherogram Summary Continued ...

... Region table for sample 8 :

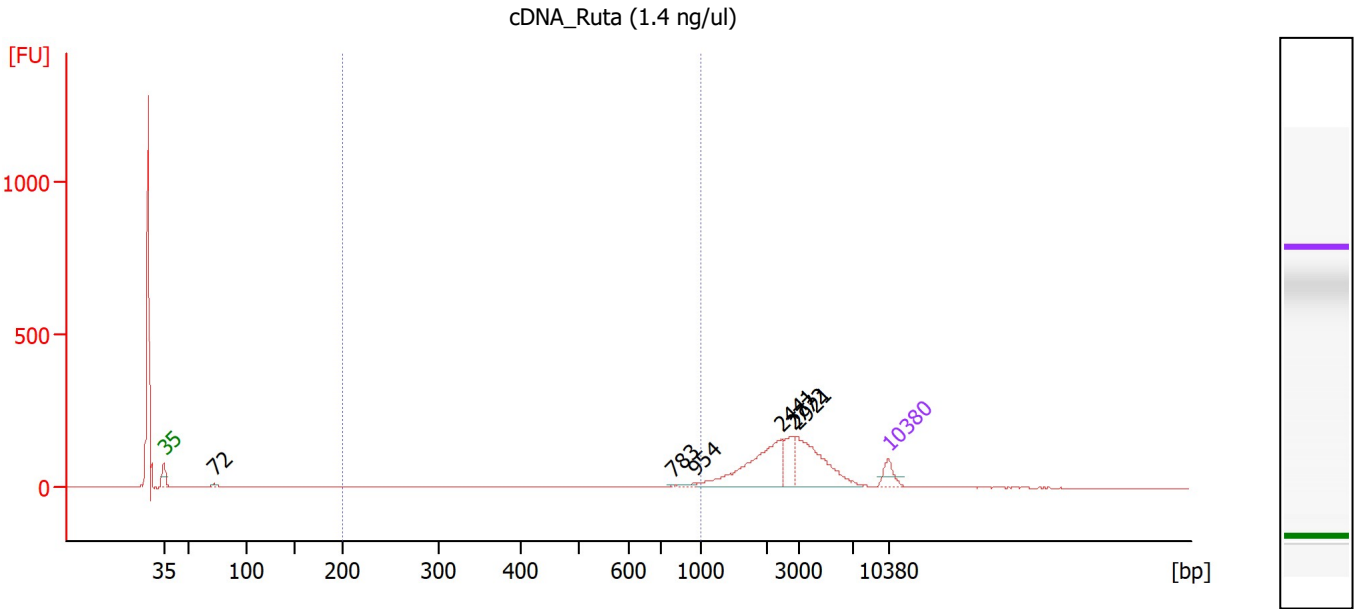
GroundTrue (1:4)

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200 | 1,000 | 1,624.3 | 68 | 649 | 19.0 | 942.70 | 2,280.1 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-06-15_002.xad

Created: 6/15/2020 2:26:57 PM
 Modified: 6/15/2020 3:07:30 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : cDNA Ruta (1.4 ng/ul)

Number of peaks found: 6 Corr. Area 1: 49.3
 Noise: 0.5

Peak table for sample 9 : cDNA Ruta (1.4 ng/ul)

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 72 | 15.46 | 323.3 | |
| 3 | 783 | 3.89 | 7.5 | |
| 4 | 954 | 16.16 | 25.7 | |
| 5 | 2,441 | 460.60 | 285.9 | |
| 6 | 2,772 | 147.47 | 80.6 | |
| 7 | 2,921 | 403.33 | 209.2 | |
| 8 | 10,380 | 75.00 | 10.9 | Upper Marker |

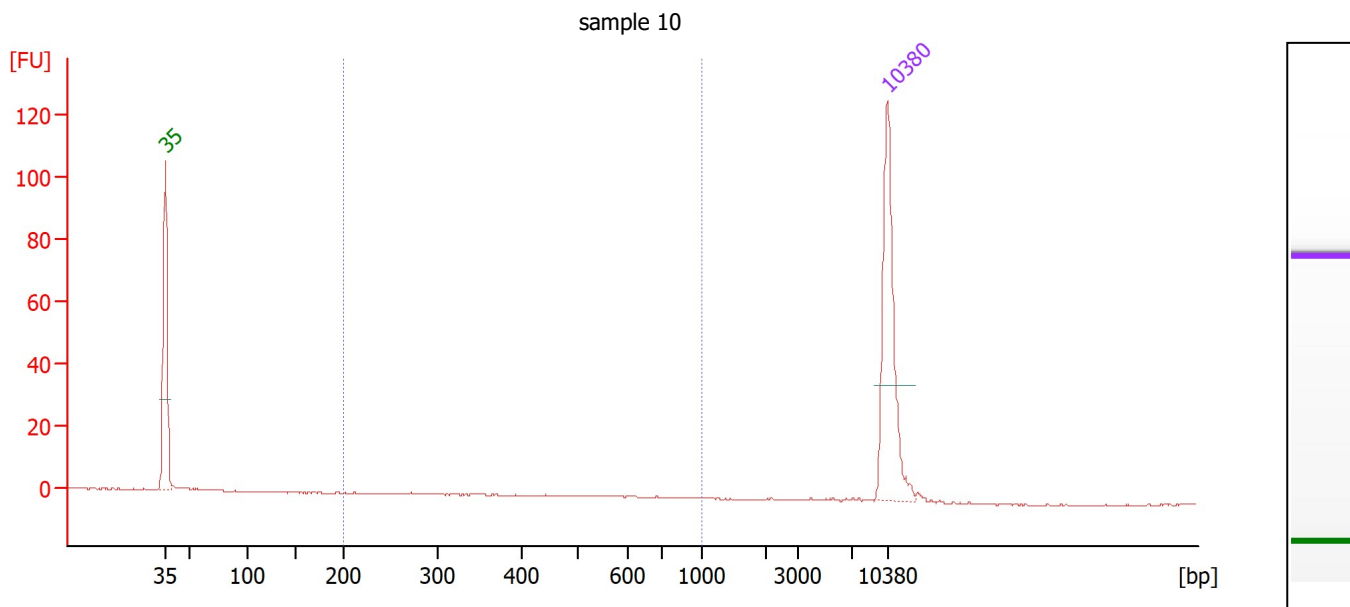
Region table for sample 9 : cDNA Ruta (1.4 ng/ul)

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200 | 1,000 | 49.3 | 2 | 787 | 22.0 | 47.50 | 99.8 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-06-15_002.xad

Created: 6/15/2020 2:26:57 PM
 Modified: 6/15/2020 3:07:30 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : sample 10

Number of peaks found: 0 Corr. Area 1: 0.2
 Noise: 0.2

Peak table for sample 10 : sample 10

| 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 |

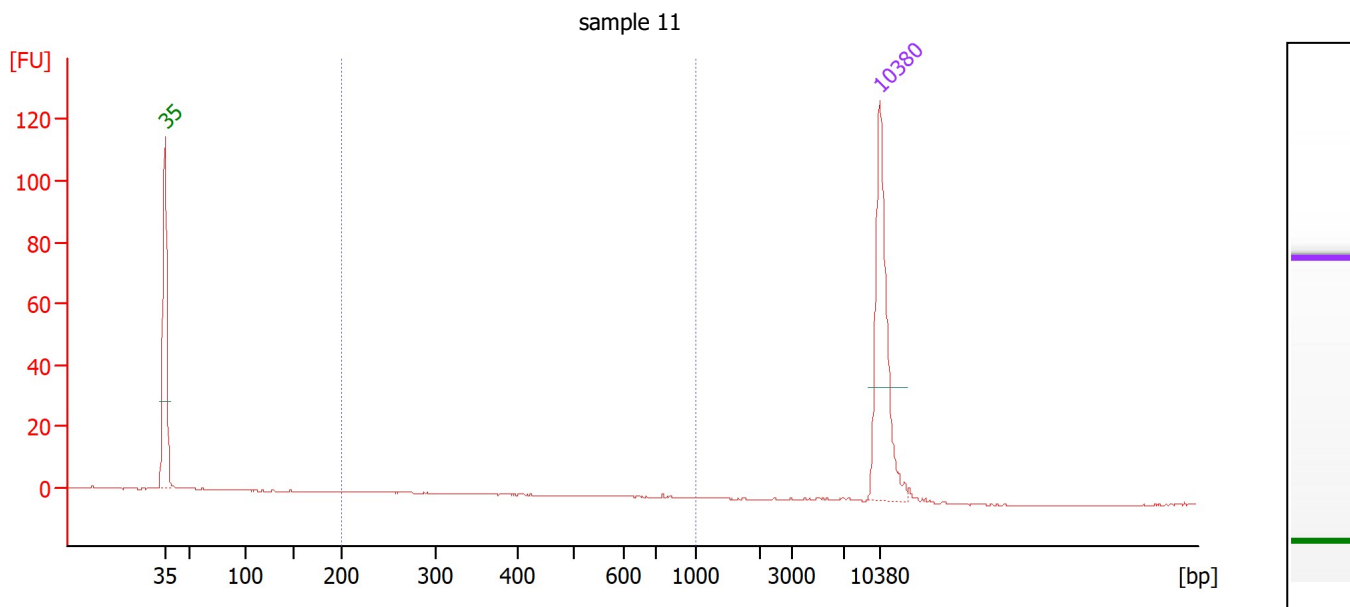
Region table for sample 10 : sample 10

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200 | 1,000 | 0.2 | 3 | 572 | 22.2 | 0.14 | 0.4 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-06-15_002.xad

Created: 6/15/2020 2:26:57 PM
 Modified: 6/15/2020 3:07:30 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : sample 11

Number of peaks found: 0 Corr. Area 1: 0.6
 Noise: 0.1

Peak table for sample 11 : sample 11

| 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 |

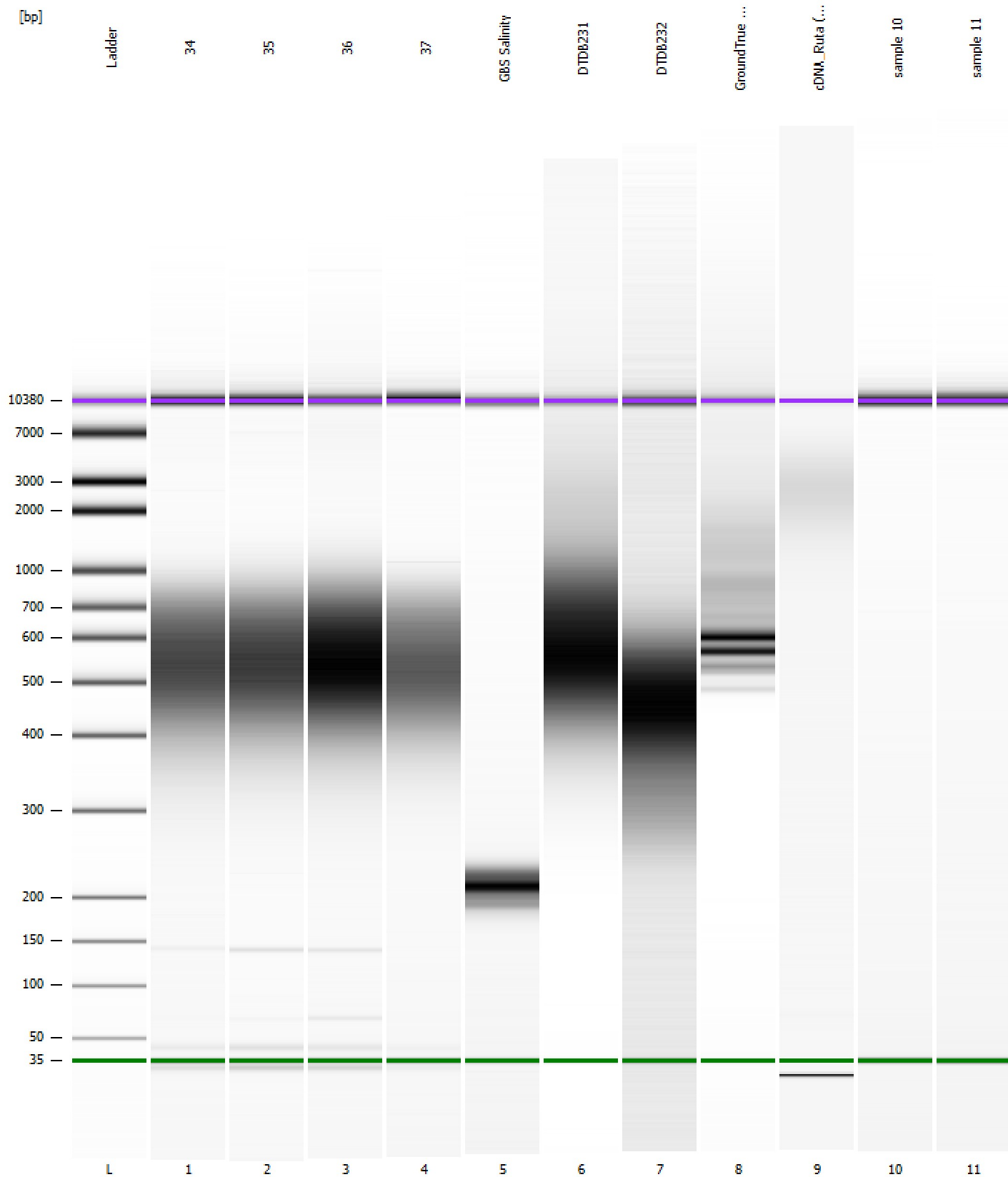
Region table for sample 11 : sample 11

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200 | 1,000 | 0.6 | 7 | 468 | 49.7 | 0.51 | 2.4 | Blue |

Assay Class: High Sensitivity DNA Assay
Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-06-15_002.xad

Created: 6/15/2020 2:26:57 PM
Modified: 6/15/2020 3:07:30 PM

Gel Image



Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-06-15_002.xad

Created: 6/15/2020 2:26:57 PM
 Modified: 6/15/2020 3:07:30 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 | | 6/15/2020 3:07:26 PM | (GMT --07:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |
| Run started on port 1 (File: Z:\XADs\2020-06-15\Bioanalyze r1_High Sensitivity DNA Assay_2020-06-15_002.xad) | | Instrument | Run | | 6/15/2020 2:27:02 PM | (GMT --07:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |
| Product Number : G2938C | | Instrument | Run | | 6/15/2020 2:27:02 PM | (GMT --07:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |
| Name : | | Instrument | Run | | 6/15/2020 2:27:02 PM | (GMT --07:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |
| Vendor : Agilent Technologies | | Instrument | Run | | 6/15/2020 2:27:02 PM | (GMT --07:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |
| Serial# : DE34903152 | | Instrument | Run | | 6/15/2020 2:27:02 PM | (GMT --07:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |
| Firmware : C.01.069 | | Instrument | Run | | 6/15/2020 2:27:02 PM | (GMT --07:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |
| Cartridge : Electrode | | Instrument | Run | | 6/15/2020 2:27:02 PM | (GMT --07:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |