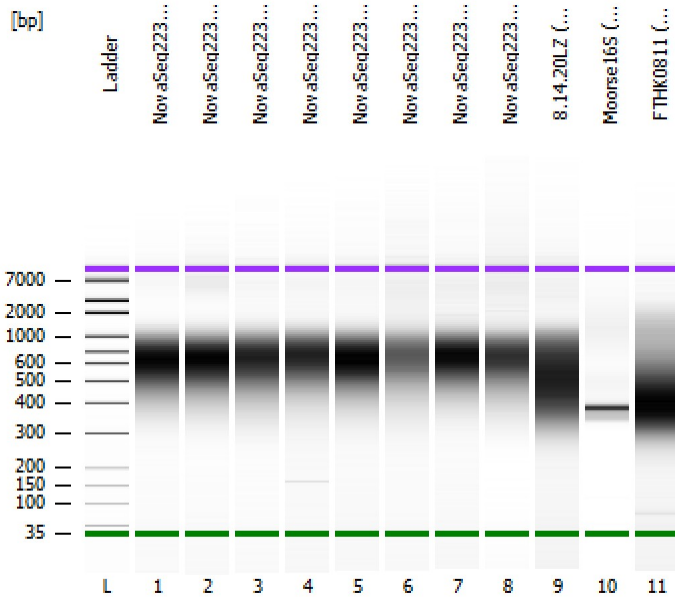


Assay Class: High Sensitivity DNA Assay
Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-08-14_009.xad

Created: 8/14/2020 4:19:07 PM
Modified: 8/14/2020 5:26:08 PM

Electrophoresis File Run Summary



Instrument Information:

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

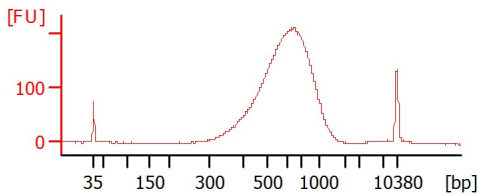
Assay Information:

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

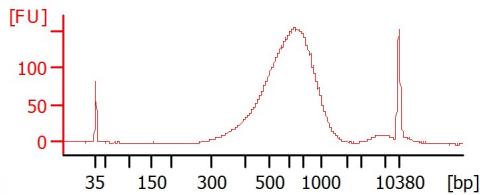
Chip Information:

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

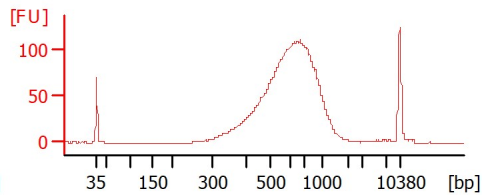
NovaSeq223-A1 lib 0.6xBC (1:2)



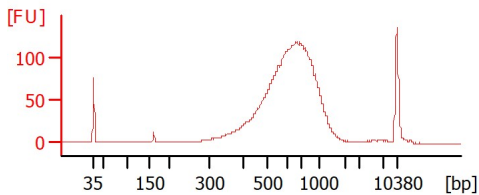
NovaSeq223-B1 lib 0.6xBC (1:2)



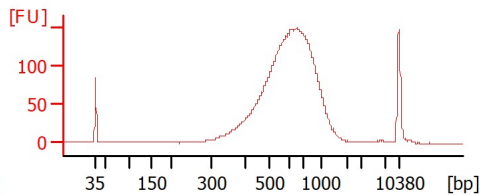
NovaSeq223-C1 lib 0.6xBC (1:2)



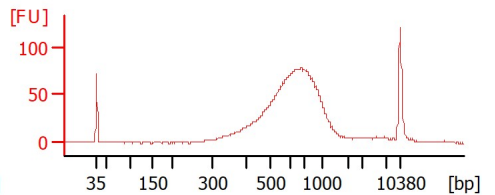
NovaSeq223-D1 lib 0.6xBC (1:2)



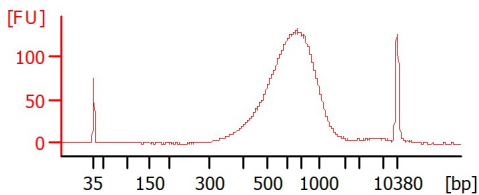
NovaSeq223-E1 lib 0.6xBC (1:2)



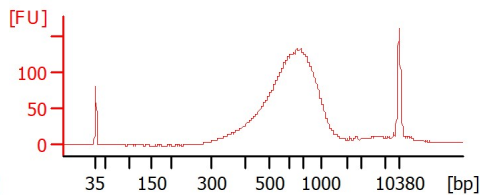
NovaSeq223-F1 lib 0.6xBC (1:2)



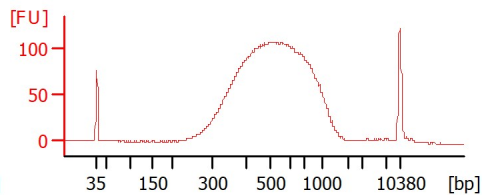
NovaSeq223-G1 lib 0.6xBC (1:2)



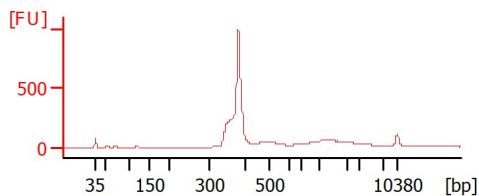
NovaSeq223-H1 lib 0.6xBC (1:2)



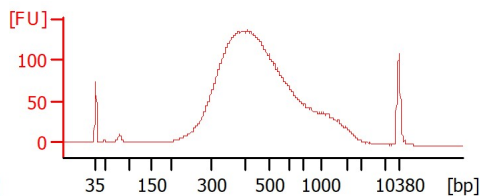
8.14.20LZ (1:10)



Moorese16S (1:10)



FTHK0811 (1:3)



Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-08-14_009.xad

Created: 8/14/2020 4:19:07 PM
 Modified: 8/14/2020 5:26:08 PM

Electrophoresis File Run Summary (Chip Summary)

| Sample Name | Sample Comment | Rest. Digest | Status | Observation | Result Label | Result Color |
|--------------------------------|----------------|--------------------------|--------|-------------|--------------|--------------|
| NovaSeq223-A1 lib 0.6xBC (1:2) | | <input type="checkbox"/> | ✓ | | | |
| NovaSeq223-B1 lib 0.6xBC (1:2) | | <input type="checkbox"/> | ✓ | | | |
| NovaSeq223-C1 lib 0.6xBC (1:2) | | <input type="checkbox"/> | ✓ | | | |
| NovaSeq223-D1 lib 0.6xBC (1:2) | | <input type="checkbox"/> | ✓ | | | |
| NovaSeq223-E1 lib 0.6xBC (1:2) | | <input type="checkbox"/> | ✓ | | | |
| NovaSeq223-F1 lib 0.6xBC (1:2) | | <input type="checkbox"/> | ✓ | | | |
| NovaSeq223-G1 lib 0.6xBC (1:2) | | <input type="checkbox"/> | ✓ | | | |
| NovaSeq223-H1 lib 0.6xBC (1:2) | | <input type="checkbox"/> | ✓ | | | |
| 8.14.20LZ (1:10) | | <input type="checkbox"/> | ✓ | | | |
| Moorse16S (1:10) | | <input type="checkbox"/> | ✓ | | | |
| FTHK0811 (1:3) | | <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_2020-08-14_009.xad

Created: 8/14/2020 4:19:07 PM
 Modified: 8/14/2020 5:26:08 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

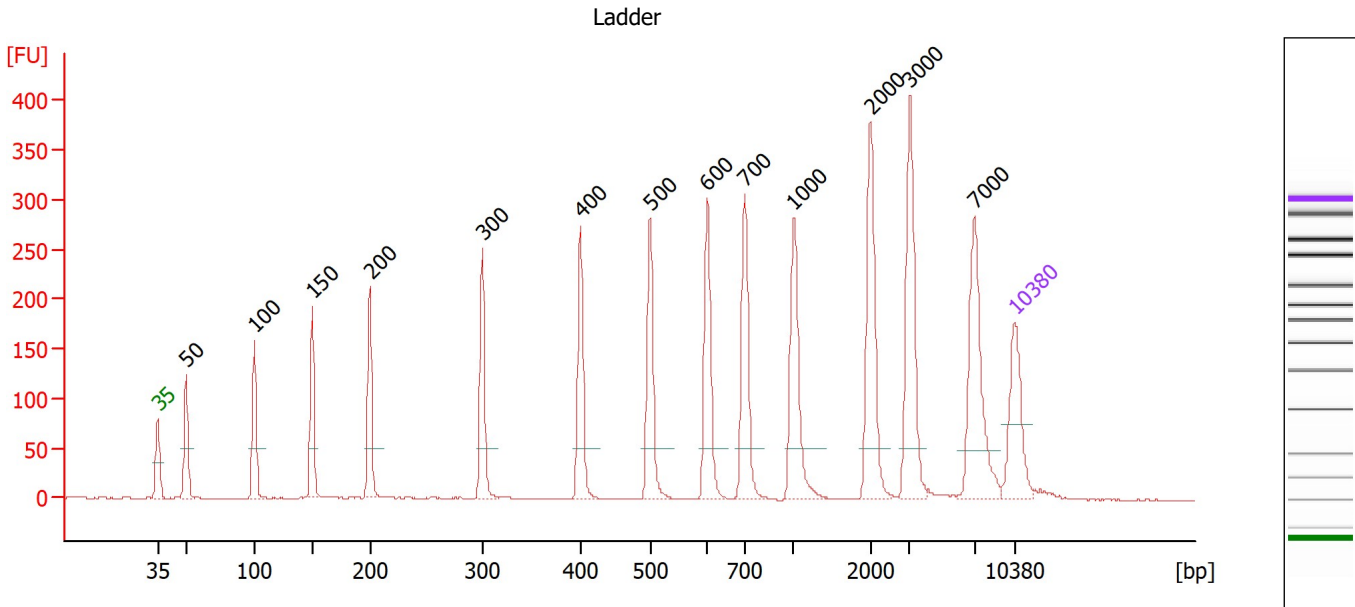
Ladder

| 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_2020-08-14_009.xad

Created: 8/14/2020 4:19:07 PM
 Modified: 8/14/2020 5:26:08 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.3

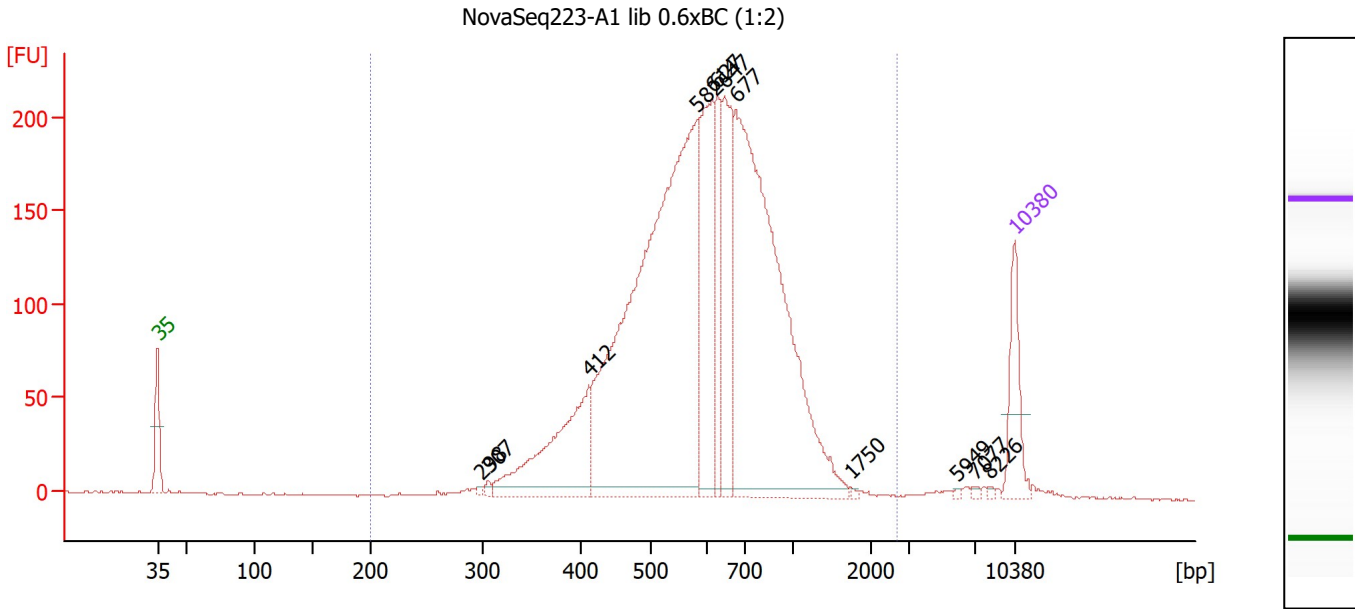
Peak table for Ladder

| 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_2020-08-14_009.xad

Created: 8/14/2020 4:19:07 PM
 Modified: 8/14/2020 5:26:08 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : NovaSeq223-A1 lib 0.6xBC (1:2)

Number of peaks found: 12 Corr. Area 1: 3,454.5
 Noise: 0.5

Peak table for sample 1 : NovaSeq223-A1 lib 0.6xBC (1:2)

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 298 | 4.48 | 22.8 | |
| 3 | 307 | 6.44 | 31.8 | |
| 4 | 412 | 266.26 | 979.2 | |
| 5 | 582 | 1,143.32 | 2,974.4 | |
| 6 | 614 | 250.99 | 619.5 | |
| 7 | 627 | 123.65 | 298.6 | |
| 8 | 647 | 197.31 | 462.2 | |
| 9 | 677 | 891.76 | 1,996.3 | |
| 10 | 1,750 | 2.30 | 2.0 | |
| 11 | 5,949 | 1.99 | 0.5 | |
| 12 | 7,077 | 3.10 | 0.7 | |
| 13 | 8,226 | 2.79 | 0.5 | |
| 14 | 10,380 | 75.00 | 10.9 | Upper Marker |

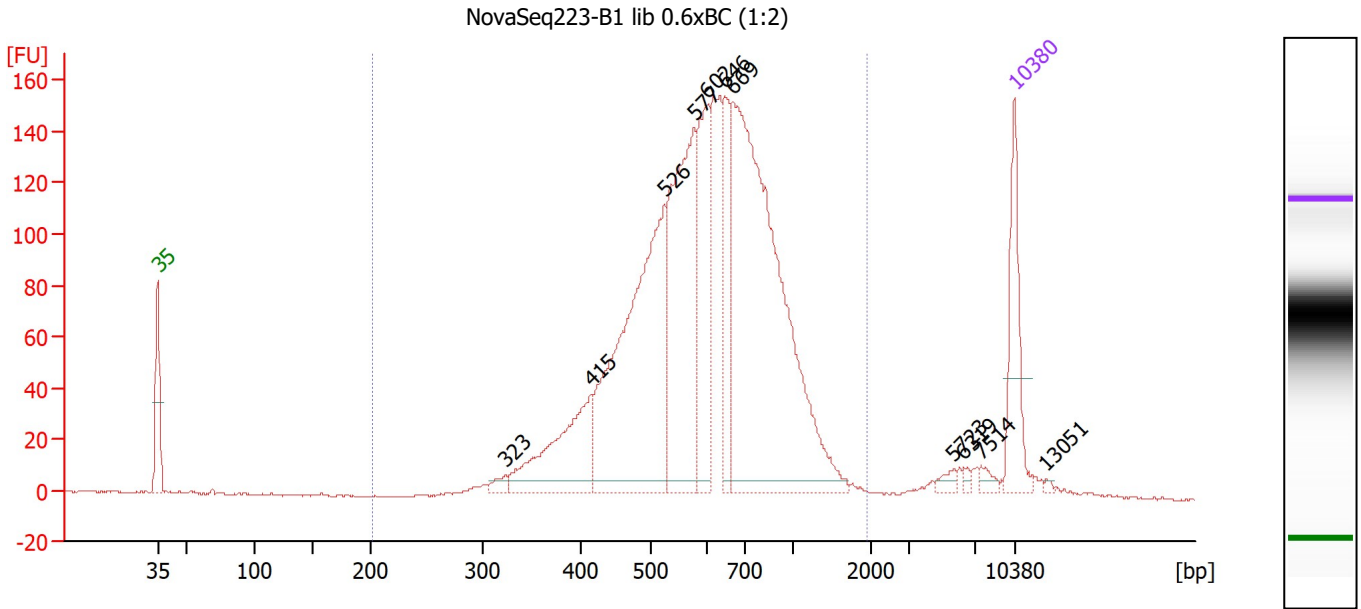
Region table for sample 1 : NovaSeq223-A1 lib 0.6xBC (1:2)

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200 | 2,687 | 3,454.5 | 99 | 642 | 34.0 | 2,950.82 | 7,836.0 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-08-14_009.xad

Created: 8/14/2020 4:19:07 PM
 Modified: 8/14/2020 5:26:08 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : NovaSeq223-B1 lib 0.6xBC (1:2)

Number of peaks found: 11 Corr. Area 1: 2,459.6
 Noise: 0.4

Peak table for sample 2 : NovaSeq223-B1 lib 0.6xBC (1:2)

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 323 | 11.99 | 56.2 | |
| 3 | 415 | 158.57 | 579.6 | |
| 4 | 526 | 439.94 | 1,267.2 | |
| 5 | 577 | 299.78 | 786.9 | |
| 6 | 602 | 151.24 | 380.6 | |
| 7 | 646 | 98.65 | 231.3 | |
| 8 | 669 | 641.37 | 1,452.6 | |
| 9 | 5,723 | 8.32 | 2.2 | |
| 10 | 6,319 | 3.81 | 0.9 | |
| 11 | 7,514 | 8.11 | 1.6 | |
| 12 | 10,380 | 75.00 | 10.9 | Upper Marker |
| 13 | 13,051 | 0.00 | 0.0 | |

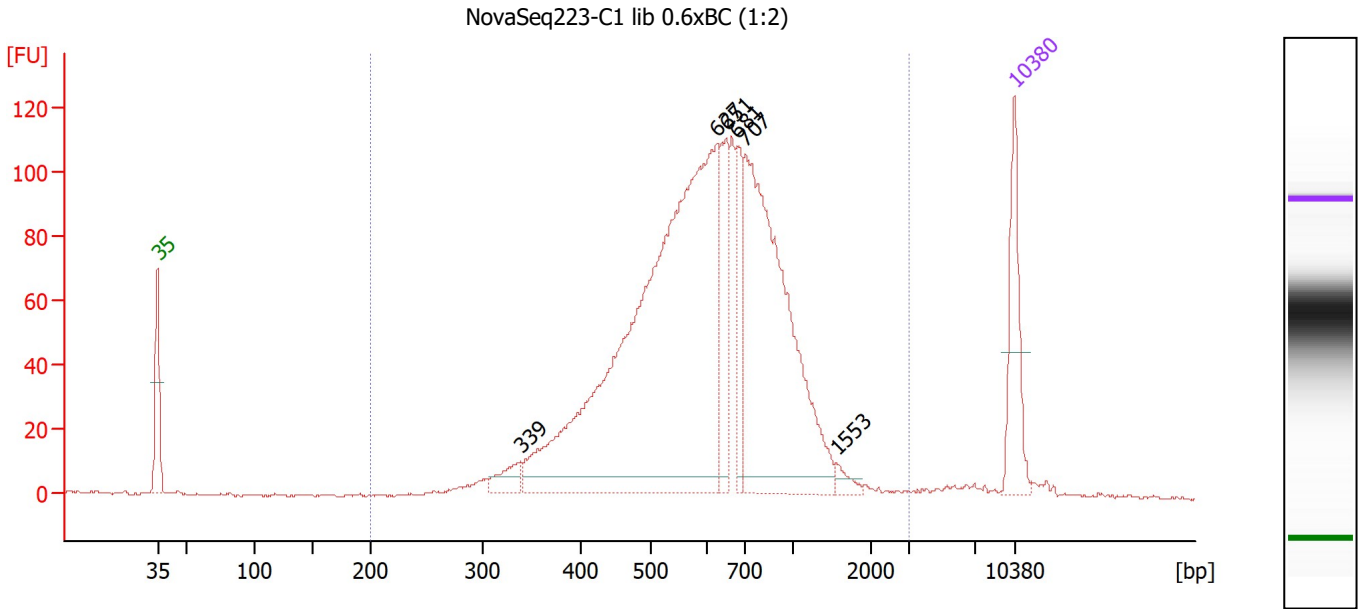
Region table for sample 2 : NovaSeq223-B1 lib 0.6xBC (1:2)

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 202 | 1,951 | 2,459.6 | 96 | 647 | 33.4 | 1,987.94 | 5,225.5 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-08-14_009.xad

Created: 8/14/2020 4:19:07 PM
 Modified: 8/14/2020 5:26:08 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : NovaSeq223-C1 lib 0.6xBC (1:2)

Number of peaks found: 6 Corr. Area 1: 1,870.8
 Noise: 0.2

Peak table for sample 3 : NovaSeq223-C1 lib 0.6xBC (1:2)

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 339 | 29.52 | 132.1 | |
| 3 | 627 | 932.59 | 2,251.9 | |
| 4 | 651 | 103.35 | 240.7 | |
| 5 | 681 | 73.32 | 163.0 | |
| 6 | 707 | 479.96 | 1,028.5 | |
| 7 | 1,553 | 10.49 | 10.2 | |
| 8 | 10,380 | 75.00 | 10.9 | Upper Marker |

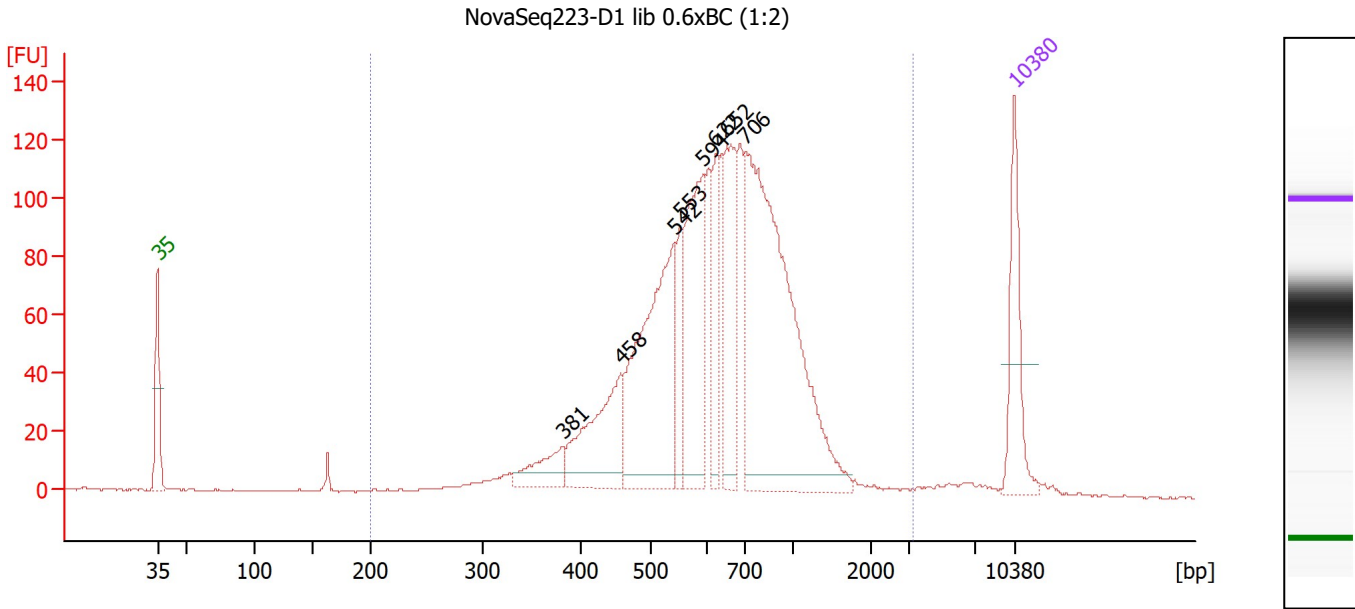
Region table for sample 3 : NovaSeq223-C1 lib 0.6xBC (1:2)

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200 | 3,017 | 1,870.8 | 98 | 665 | 40.4 | 1,829.32 | 4,841.8 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-08-14_009.xad

Created: 8/14/2020 4:19:07 PM
 Modified: 8/14/2020 5:26:08 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : NovaSeq223-D1 lib 0.6xBC (1:2)

Number of peaks found: 8 Corr. Area 1: 1,890.0
 Noise: 0.3

Peak table for sample 4 : NovaSeq223-D1 lib 0.6xBC (1:2)

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 381 | 47.78 | 189.9 | |
| 3 | 458 | 140.73 | 465.9 | |
| 4 | 542 | 282.10 | 788.9 | |
| 5 | 553 | 58.79 | 161.0 | |
| 6 | 594 | 175.48 | 447.8 | |
| 7 | 622 | 70.71 | 172.2 | |
| 8 | 652 | 129.81 | 301.6 | |
| 9 | 706 | 504.64 | 1,083.7 | |
| 10 | 10,380 | 75.00 | 10.9 | Upper Marker |

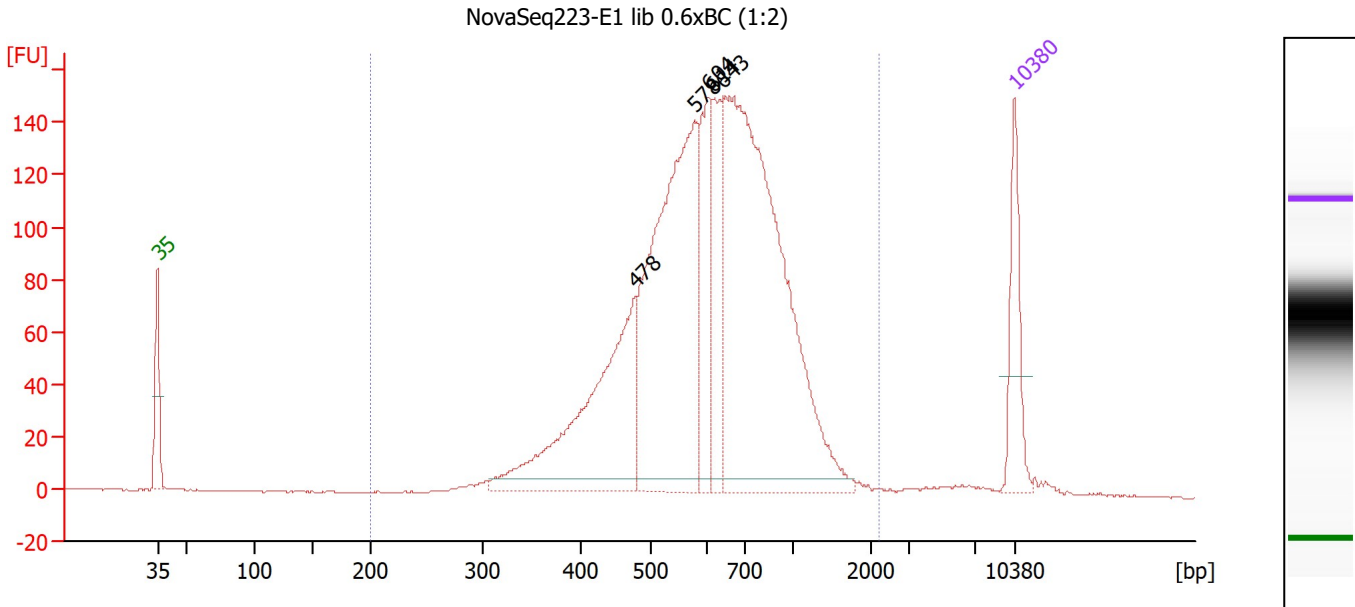
Region table for sample 4 : NovaSeq223-D1 lib 0.6xBC (1:2)

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200 | 3,236 | 1,890.0 | 98 | 688 | 40.1 | 1,654.76 | 4,235.4 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-08-14_009.xad

Created: 8/14/2020 4:19:07 PM
 Modified: 8/14/2020 5:26:08 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : NovaSeq223-E1 lib 0.6xBC (1:2)

Number of peaks found: 5 Corr. Area 1: 2,443.6
 Noise: 0.3

Peak table for sample 5 : NovaSeq223-E1 lib 0.6xBC (1:2)

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 478 | 357.99 | 1,134.3 | |
| 3 | 578 | 542.35 | 1,420.8 | |
| 4 | 604 | 138.57 | 347.5 | |
| 5 | 614 | 114.61 | 282.9 | |
| 6 | 643 | 783.66 | 1,847.2 | |
| 7 | 10,380 | 75.00 | 10.9 | Upper Marker |

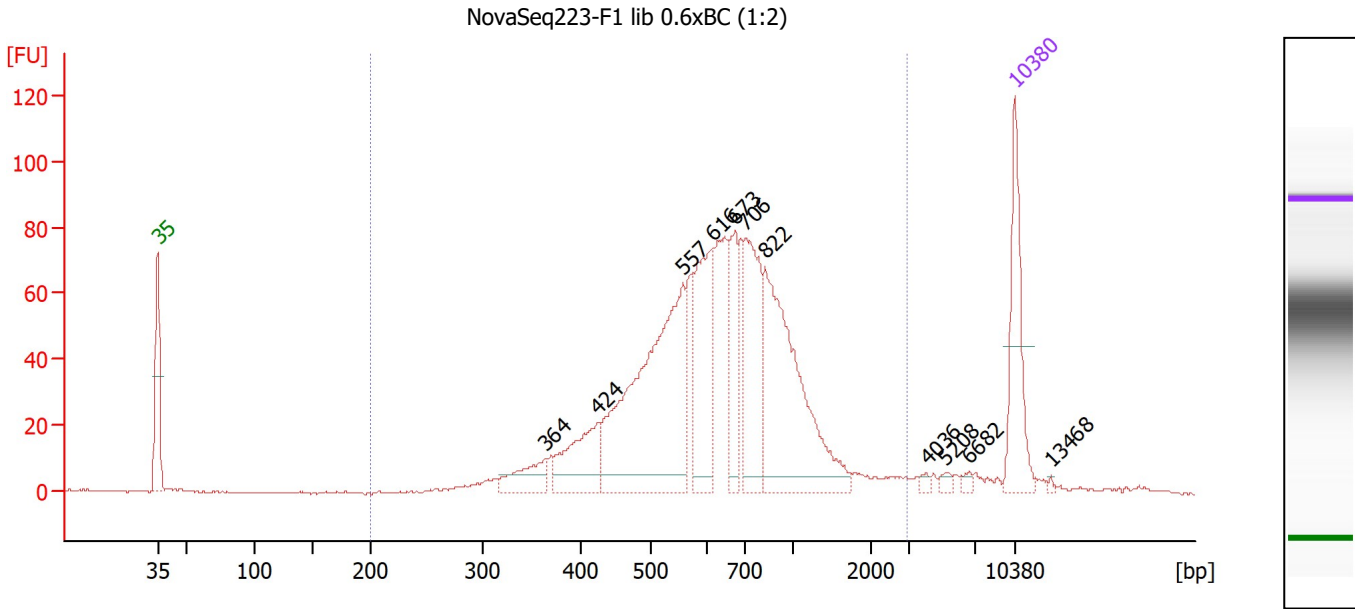
Region table for sample 5 : NovaSeq223-E1 lib 0.6xBC (1:2)

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200 | 2,214 | 2,443.6 | 98 | 659 | 35.2 | 1,990.62 | 5,189.3 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-08-14_009.xad

Created: 8/14/2020 4:19:07 PM
 Modified: 8/14/2020 5:26:08 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : NovaSeq223-F1 lib 0.6xBC (1:2)

Number of peaks found: 11 Corr. Area 1: 1,302.8
 Noise: 0.3

Peak table for sample 6 : NovaSeq223-F1 lib 0.6xBC (1:2)

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 364 | 40.48 | 168.4 | |
| 3 | 424 | 80.24 | 286.8 | |
| 4 | 557 | 321.63 | 874.4 | |
| 5 | 616 | 124.59 | 306.6 | |
| 6 | 673 | 76.94 | 173.2 | |
| 7 | 706 | 129.84 | 278.7 | |
| 8 | 822 | 237.46 | 437.4 | |
| 9 | 4,036 | 3.34 | 1.3 | |
| 10 | 5,208 | 5.15 | 1.5 | |
| 11 | 6,682 | 3.79 | 0.9 | |
| 12 | 10,380 | 75.00 | 10.9 | Upper Marker |
| 13 | 13,468 | 0.00 | 0.0 | |

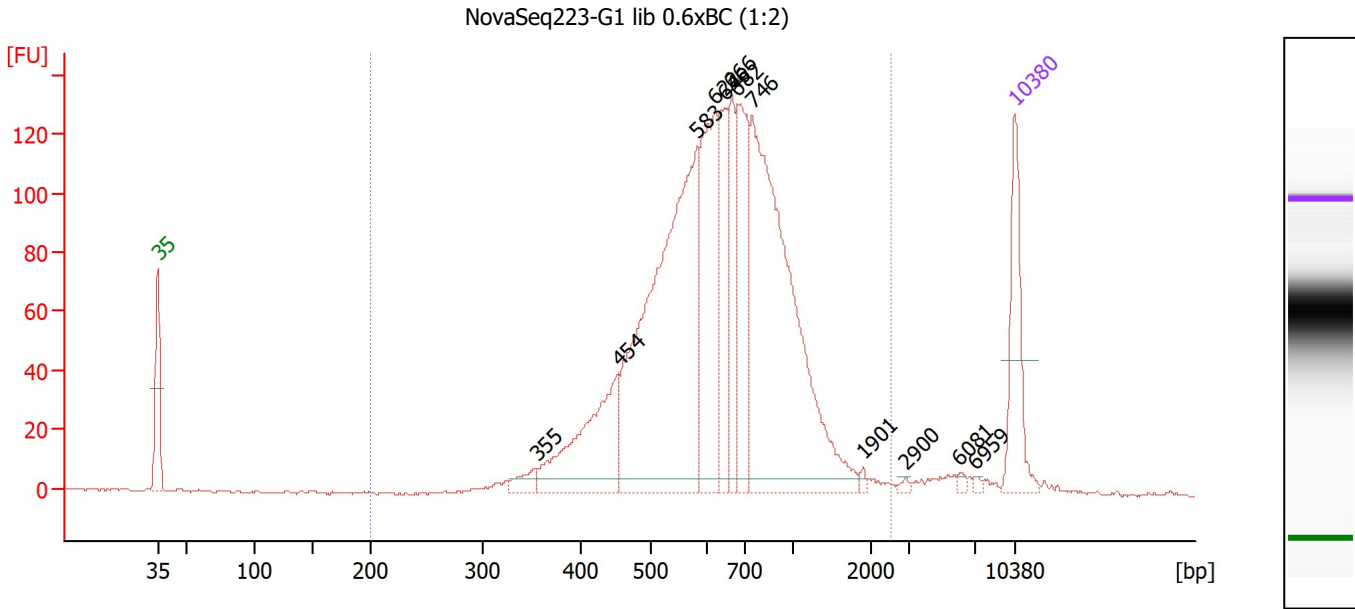
Region table for sample 6 : NovaSeq223-F1 lib 0.6xBC (1:2)

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200 | 2,938 | 1,302.8 | 94 | 711 | 48.4 | 1,262.89 | 3,241.7 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-08-14_009.xad

Created: 8/14/2020 4:19:07 PM
 Modified: 8/14/2020 5:26:08 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : NovaSeq223-G1 lib 0.6xBC (1:2)

Number of peaks found: 12 Corr. Area 1: 1,995.2
 Noise: 0.4

Peak table for sample 7 : NovaSeq223-G1 lib 0.6xBC (1:2)

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 355 | 18.83 | 80.4 | |
| 3 | 454 | 166.96 | 557.8 | |
| 4 | 583 | 507.72 | 1,319.2 | |
| 5 | 622 | 192.49 | 468.6 | |
| 6 | 646 | 91.36 | 214.4 | |
| 7 | 666 | 86.20 | 196.2 | |
| 8 | 682 | 143.63 | 319.1 | |
| 9 | 746 | 487.37 | 989.6 | |
| 10 | 1,901 | 3.05 | 2.4 | |
| 11 | 2,900 | 2.72 | 1.4 | |
| 12 | 6,081 | 3.37 | 0.8 | |
| 13 | 6,959 | 2.47 | 0.5 | |
| 14 | 10,380 | 75.00 | 10.9 | Upper Marker |

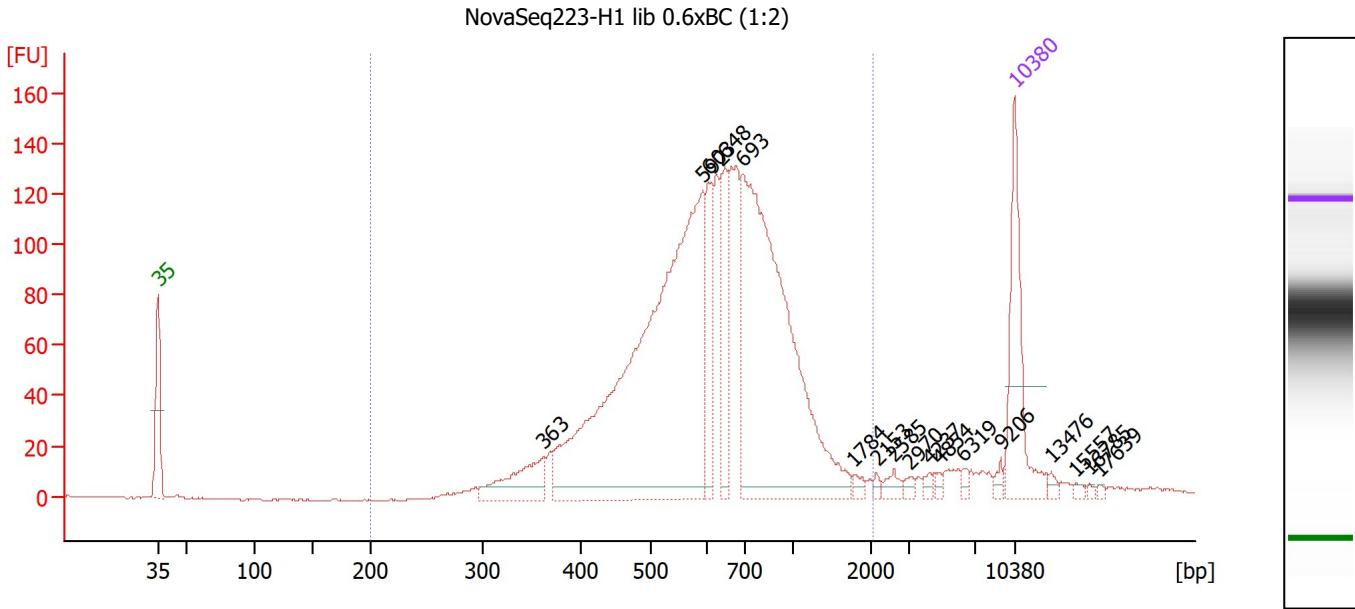
Region table for sample 7 : NovaSeq223-G1 lib 0.6xBC (1:2)

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200 | 2,532 | 1,995.2 | 96 | 698 | 38.9 | 1,748.98 | 4,348.5 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-08-14_009.xad

Created: 8/14/2020 4:19:07 PM
 Modified: 8/14/2020 5:26:08 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : NovaSeq223-H1 lib 0.6xBC (1:2)

Number of peaks found: 17 Corr. Area 1: 2,033.5
 Noise: 0.3

Peak table for sample 8 : NovaSeq223-H1 lib 0.6xBC (1:2)

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 363 | 57.28 | 239.4 | |
| 3 | 592 | 584.87 | 1,496.5 | |
| 4 | 603 | 63.63 | 159.8 | |
| 5 | 648 | 67.03 | 156.6 | |
| 6 | 693 | 443.76 | 969.6 | |
| 7 | 1,784 | 5.18 | 4.4 | |
| 8 | 2,153 | 3.22 | 2.3 | |
| 9 | 2,585 | 7.90 | 4.6 | |
| 10 | 2,970 | 4.15 | 2.1 | |
| 11 | 4,237 | 3.99 | 1.4 | |
| 12 | 4,854 | 3.53 | 1.1 | |
| 13 | 6,319 | 3.99 | 1.0 | |
| 14 | 9,206 | 4.90 | 0.8 | |
| 15 | 10,380 | 75.00 | 10.9 | Upper Marker |
| 16 | 13,476 | 0.00 | 0.0 | |
| 17 | 15,557 | 0.00 | 0.0 | |
| 18 | 16,785 | 0.00 | 0.0 | |
| 19 | 17,639 | 0.00 | 0.0 | |

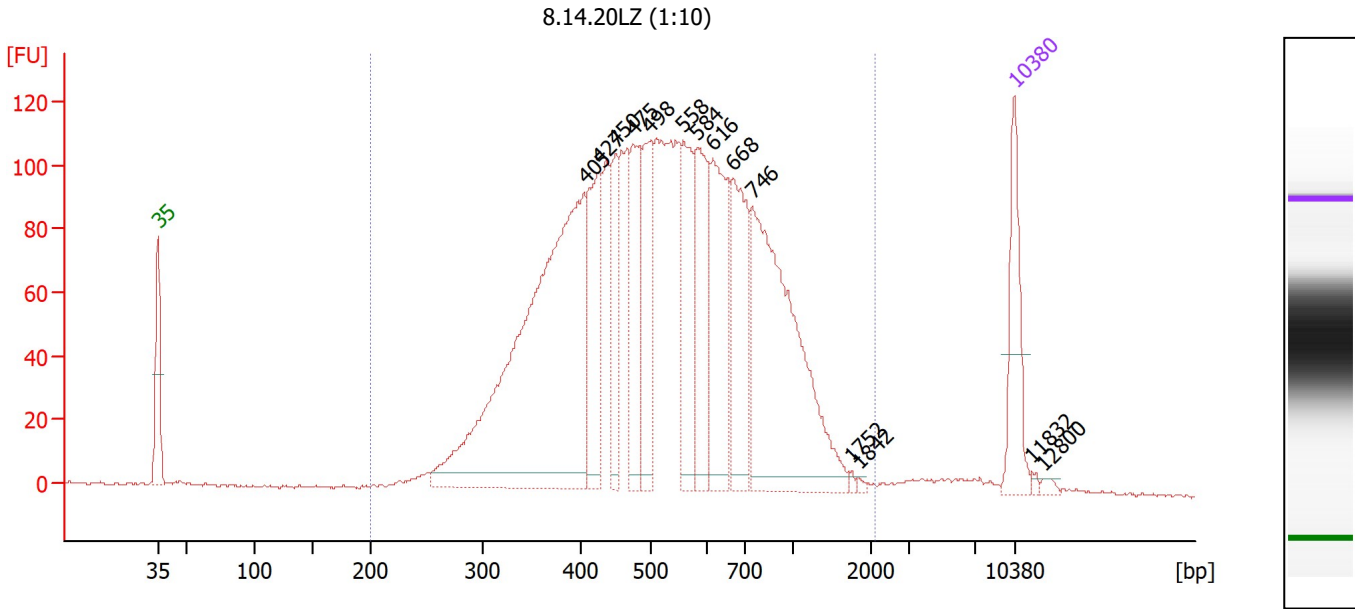
Region table for sample 8 : NovaSeq223-H1 lib 0.6xBC (1:2)

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200 | 2,088 | 2,033.5 | 94 | 672 | 37.2 | 1,403.04 | 3,629.8 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-08-14_009.xad

Created: 8/14/2020 4:19:07 PM
 Modified: 8/14/2020 5:26:08 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : 8.14.20LZ (1:10)

Number of peaks found: 14 Corr. Area 1: 2,864.5
 Noise: 0.4

Peak table for sample 9 : 8.14.20LZ (1:10)

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 405 | 706.95 | 2,646.4 | |
| 3 | 427 | 155.65 | 551.7 | |
| 4 | 450 | 85.81 | 288.8 | |
| 5 | 475 | 120.95 | 386.0 | |
| 6 | 498 | 119.94 | 364.6 | |
| 7 | 558 | 133.09 | 361.3 | |
| 8 | 584 | 137.00 | 355.7 | |
| 9 | 616 | 164.66 | 405.2 | |
| 10 | 668 | 144.56 | 327.9 | |
| 11 | 746 | 385.69 | 783.3 | |
| 12 | 1,752 | 2.97 | 2.6 | |
| 13 | 1,842 | 2.47 | 2.0 | |
| 14 | 10,380 | 75.00 | 10.9 | Upper Marker |
| 15 | 11,832 | 0.00 | 0.0 | |
| 16 | 12,800 | 0.00 | 0.0 | |

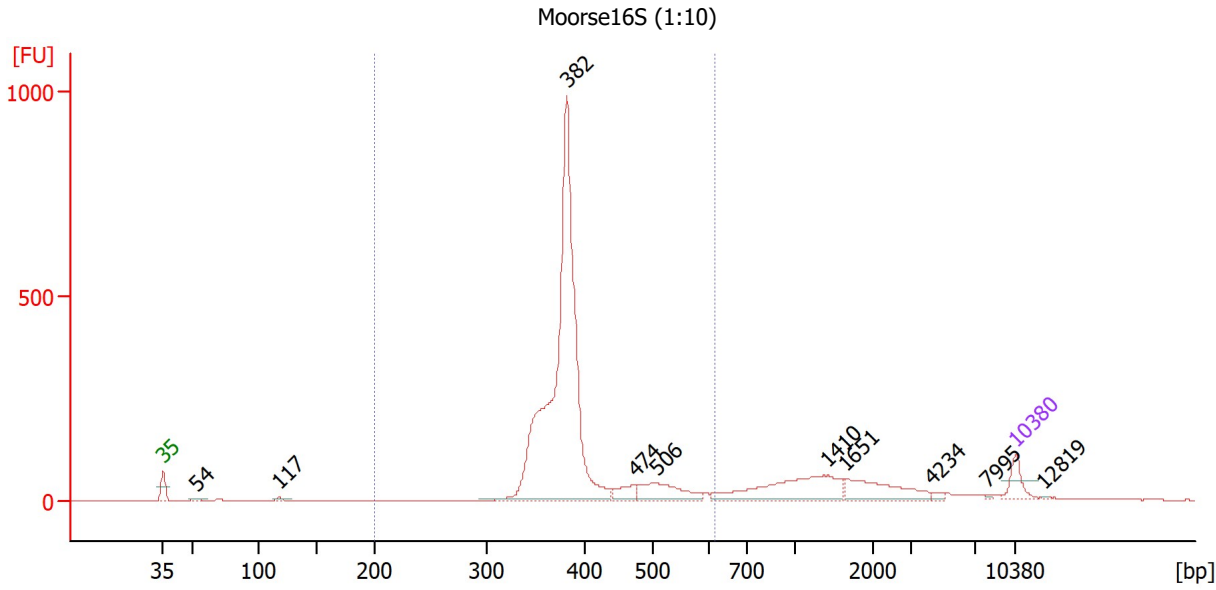
Region table for sample 9 : 8.14.20LZ (1:10)

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200 | 2,104 | 2,864.5 | 98 | 571 | 41.8 | 2,722.59 | 8,576.2 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-08-14_009.xad

Created: 8/14/2020 4:19:07 PM
 Modified: 8/14/2020 5:26:08 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : Moorese16S (1:10)

Number of peaks found: 10 Corr. Area 1: 2,826.6
 Noise: 0.3

Peak table for sample 10 : Moorese16S (1:10)

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 54 | 14.35 | 404.5 | |
| 3 | 117 | 14.77 | 191.8 | |
| 4 | 382 | 2,497.71 | 9,900.0 | |
| 5 | 474 | 79.55 | 254.3 | |
| 6 | 506 | 201.43 | 602.9 | |
| 7 | 1,410 | 344.16 | 369.7 | |
| 8 | 1,651 | 190.28 | 174.6 | |
| 9 | 4,234 | 14.89 | 5.3 | |
| 10 | 7,995 | 6.28 | 1.2 | |
| 11 | 10,380 | 75.00 | 10.9 | Upper Marker |
| 12 | 12,819 | 0.00 | 0.0 | |

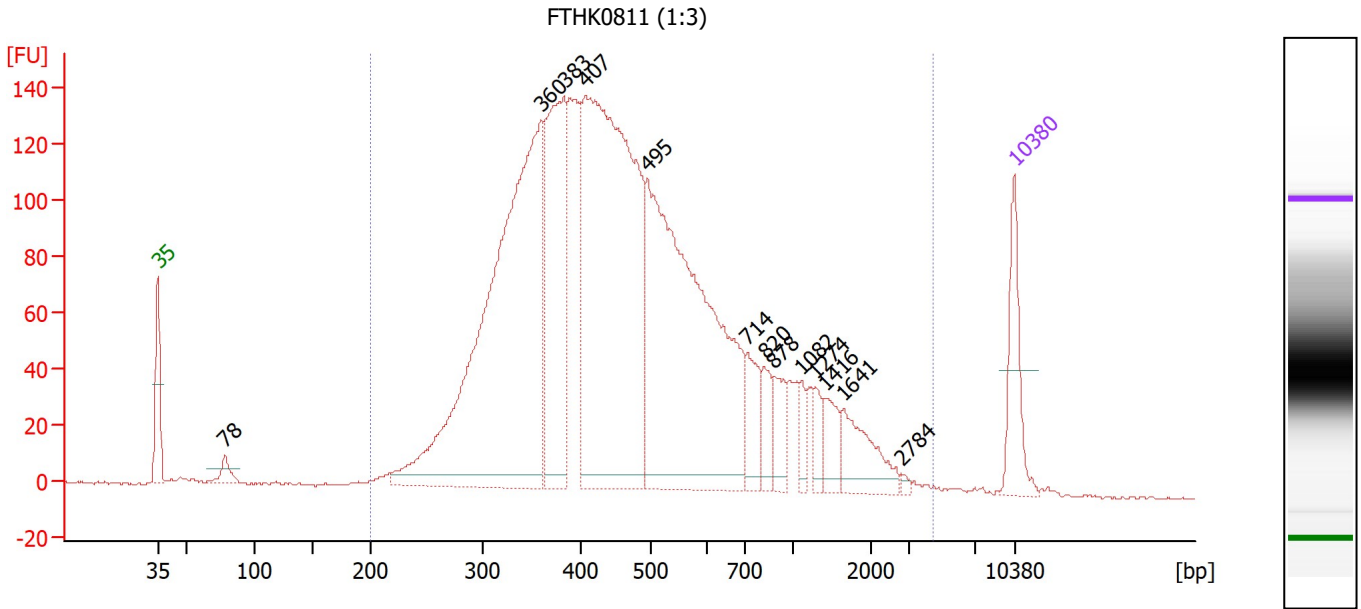
Region table for sample 10 : Moorese16S (1:10)

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200 | 616 | 2,826.6 | 75 | 394 | 12.7 | 2,842.68 | 11,115.6 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-08-14_009.xad

Created: 8/14/2020 4:19:07 PM
 Modified: 8/14/2020 5:26:08 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : FTHK0811 (1:3)

Number of peaks found: 13 Corr. Area 1: 3,484.4
 Noise: 0.5

Peak table for sample 11 : FTHK0811 (1:3)

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 78 | 28.49 | 550.9 | |
| 3 | 360 | 984.14 | 4,142.0 | |
| 4 | 383 | 354.63 | 1,401.2 | |
| 5 | 407 | 919.45 | 3,422.7 | |
| 6 | 495 | 791.69 | 2,421.4 | |
| 7 | 714 | 64.19 | 136.2 | |
| 8 | 820 | 41.83 | 77.3 | |
| 9 | 878 | 44.25 | 76.3 | |
| 10 | 1,082 | 24.10 | 33.7 | |
| 11 | 1,274 | 26.46 | 31.5 | |
| 12 | 1,416 | 37.31 | 39.9 | |
| 13 | 1,641 | 73.08 | 67.5 | |
| 14 | 2,784 | 3.71 | 2.0 | |
| 15 | 10,380 | 75.00 | 10.9 | Upper Marker |

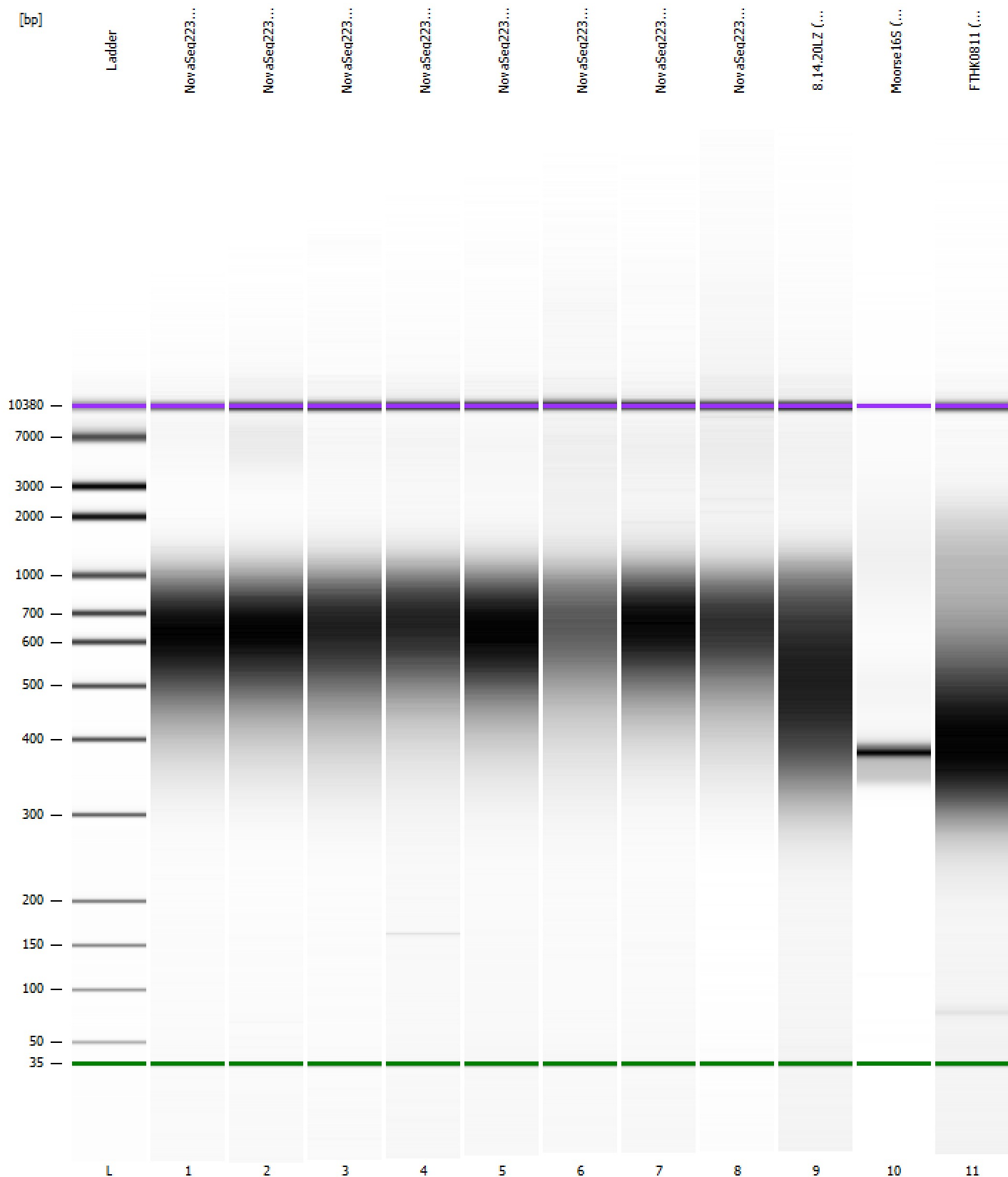
Region table for sample 11 : FTHK0811 (1:3)

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200 | 4,450 | 3,484.4 | 99 | 558 | 69.7 | 3,711.82 | 13,214.2 | Blue |

Assay Class: High Sensitivity DNA Assay
Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-08-14_009.xad

Created: 8/14/2020 4:19:07 PM
Modified: 8/14/2020 5:26:08 PM

Gel Image



Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-08-14_009.xad

Created: 8/14/2020 4:19:07 PM
 Modified: 8/14/2020 5:26:08 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 | | 8/14/2020 4:59:37 PM | (GMT --07:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |
| Run started on port 1 (File: Z:\XADs\2020-08-14\Bioanalyze r1_High Sensitivity DNA Assay_2020-08-14_009.xad) | | Instrument | Run | | 8/14/2020 4:19:13 PM | (GMT --07:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |
| Product Number : G2938C | | Instrument | Run | | 8/14/2020 4:19:13 PM | (GMT --07:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |
| Name : | | Instrument | Run | | 8/14/2020 4:19:13 PM | (GMT --07:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |
| Vendor : Agilent Technologies | | Instrument | Run | | 8/14/2020 4:19:13 PM | (GMT --07:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |
| Serial# : DE34903152 | | Instrument | Run | | 8/14/2020 4:19:13 PM | (GMT --07:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |
| Firmware : C.01.069 | | Instrument | Run | | 8/14/2020 4:19:13 PM | (GMT --07:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |
| Cartridge : Electrode | | Instrument | Run | | 8/14/2020 4:19:13 PM | (GMT --07:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |