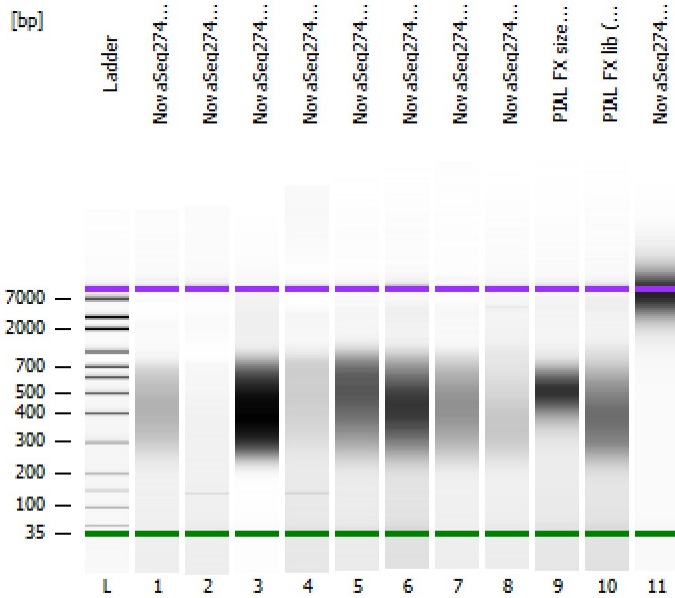


Assay Class: High Sensitivity DNA Assay
Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-10-26_002.xad

Created: 10/26/2020 4:12:41 PM
Modified: 10/26/2020 5:00:08 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

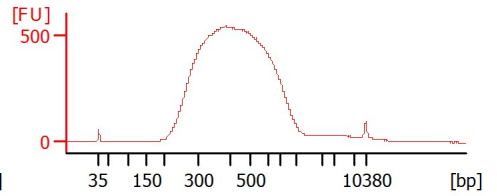
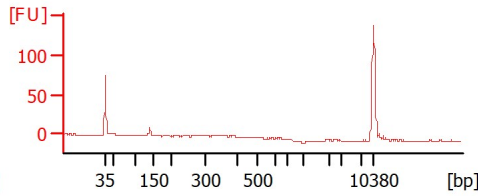
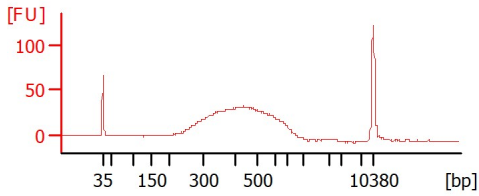
Chip Information:

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

NovaSeq274 - 7 (1:10)

NovaSeq274 - 8 (1:10)

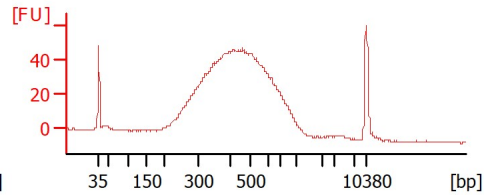
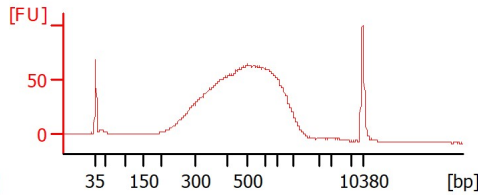
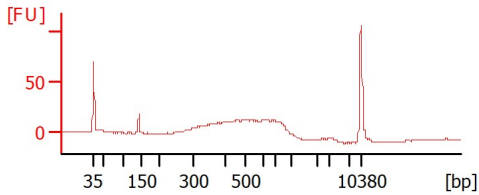
NovaSeq274 - 9



NovaSeq274 - 10 (1:20)

NovaSeq274 - 11 (1:10)

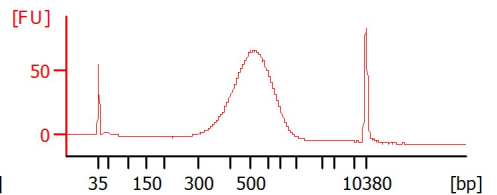
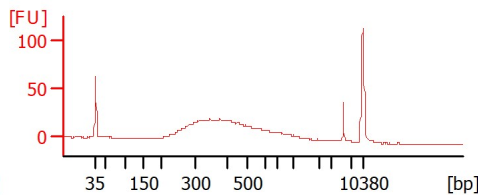
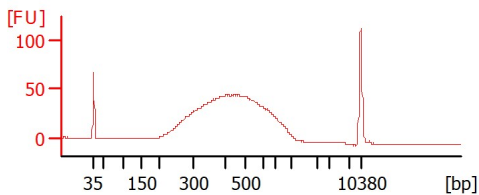
NovaSeq274 - 12 (1:10)



NovaSeq274 - 13 (1:10)

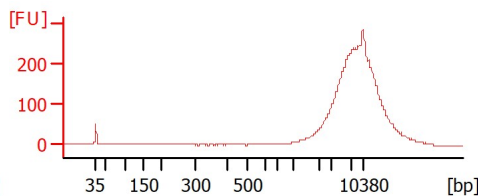
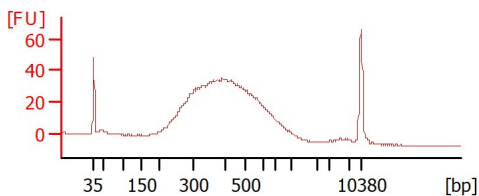
NovaSeq274 - 14 (1:10)
lib repeat of #4

PIAL FX size sel lib



PIAL FX lib (1:7)

NovaSeq274-4 gDNA



Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-10-26_002.xad

Created: 10/26/2020 4:12:41 PM
 Modified: 10/26/2020 5:00:08 PM

Electrophoresis File Run Summary (Chip Summary)

| Sample Name | Sample Comment | Rest. Digest | Status | Observation | Result Label | Result Color |
|------------------------|------------------|--------------------------|--------|-------------|--------------|--------------|
| NovaSeq274 - 7 (1:10) | | <input type="checkbox"/> | ✓ | | | |
| NovaSeq274 - 8 (1:10) | | <input type="checkbox"/> | ✓ | | | |
| NovaSeq274 - 9 | | <input type="checkbox"/> | ✓ | | | |
| NovaSeq274 - 10 (1:20) | | <input type="checkbox"/> | ✓ | | | |
| NovaSeq274 - 11 (1:10) | | <input type="checkbox"/> | ✓ | | | |
| NovaSeq274 - 12 (1:10) | | <input type="checkbox"/> | ✓ | | | |
| NovaSeq274 - 13 (1:10) | | <input type="checkbox"/> | ✓ | | | |
| NovaSeq274 - 14 (1:10) | lib repeat of #4 | <input type="checkbox"/> | ✓ | | | |
| PIAL FX size sel lib | | <input type="checkbox"/> | ✓ | | | |
| PIAL FX lib (1:7) | | <input type="checkbox"/> | ✓ | | | |
| NovaSeq274-4 gDNA | | <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_2020-10-26_002.xad

Created: 10/26/2020 4:12:41 PM
 Modified: 10/26/2020 5:00:08 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

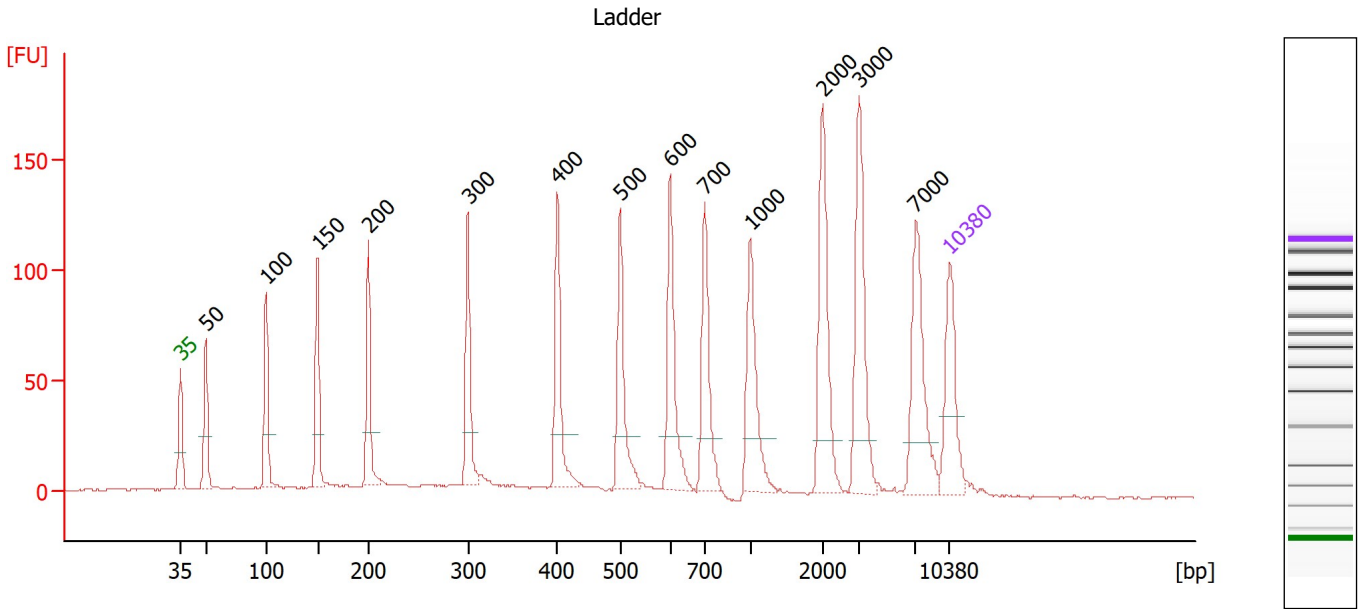
Ladder

| 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_2020-10-26_002.xad

Created: 10/26/2020 4:12:41 PM
 Modified: 10/26/2020 5:00:08 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.4

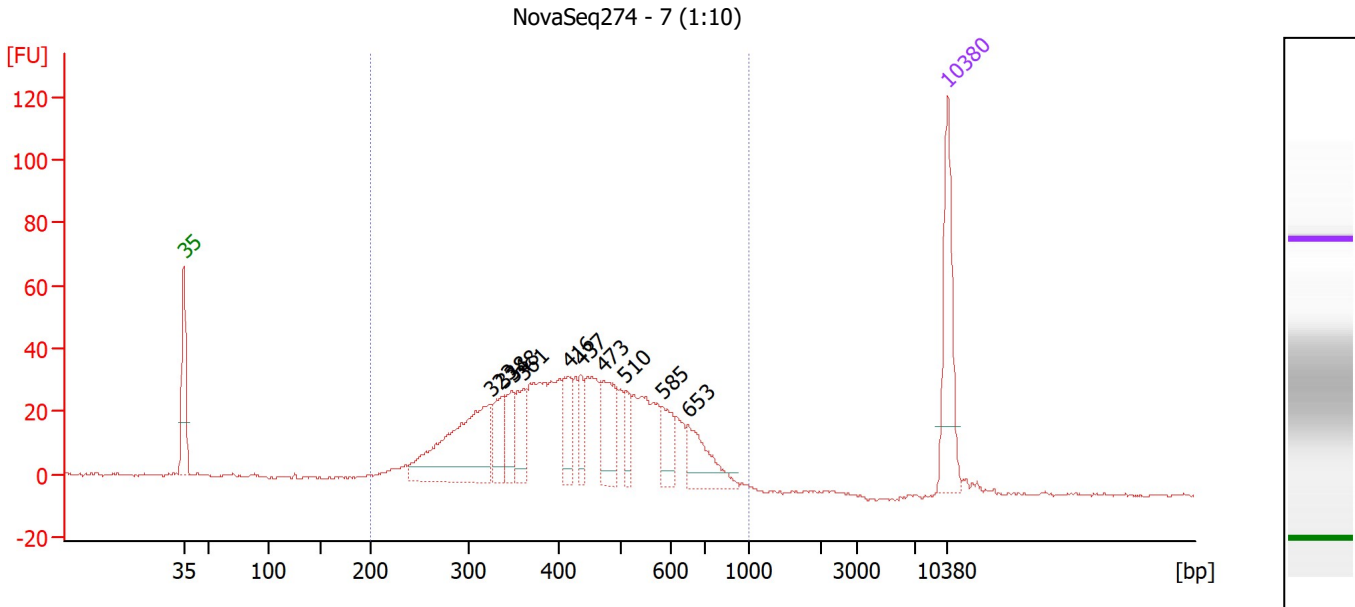
Peak table for Ladder

| 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_2020-10-26_002.xad

Created: 10/26/2020 4:12:41 PM
 Modified: 10/26/2020 5:00:08 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : NovaSeq274 - 7 (1:10)

Number of peaks found: 10 Corr. Area 1: 912.8
 Noise: 0.3

Peak table for sample 1 : NovaSeq274 - 7 (1:10)

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 323 | 176.13 | 825.6 | |
| 3 | 338 | 40.54 | 182.0 | |
| 4 | 348 | 36.55 | 159.2 | |
| 5 | 361 | 44.72 | 187.7 | |
| 6 | 416 | 40.42 | 147.1 | |
| 7 | 437 | 27.46 | 95.2 | |
| 8 | 473 | 60.19 | 192.8 | |
| 9 | 510 | 22.36 | 66.4 | |
| 10 | 585 | 35.19 | 91.1 | |
| 11 | 653 | 52.92 | 122.7 | |
| 12 | 10,380 | 75.00 | 10.9 | Upper Marker |

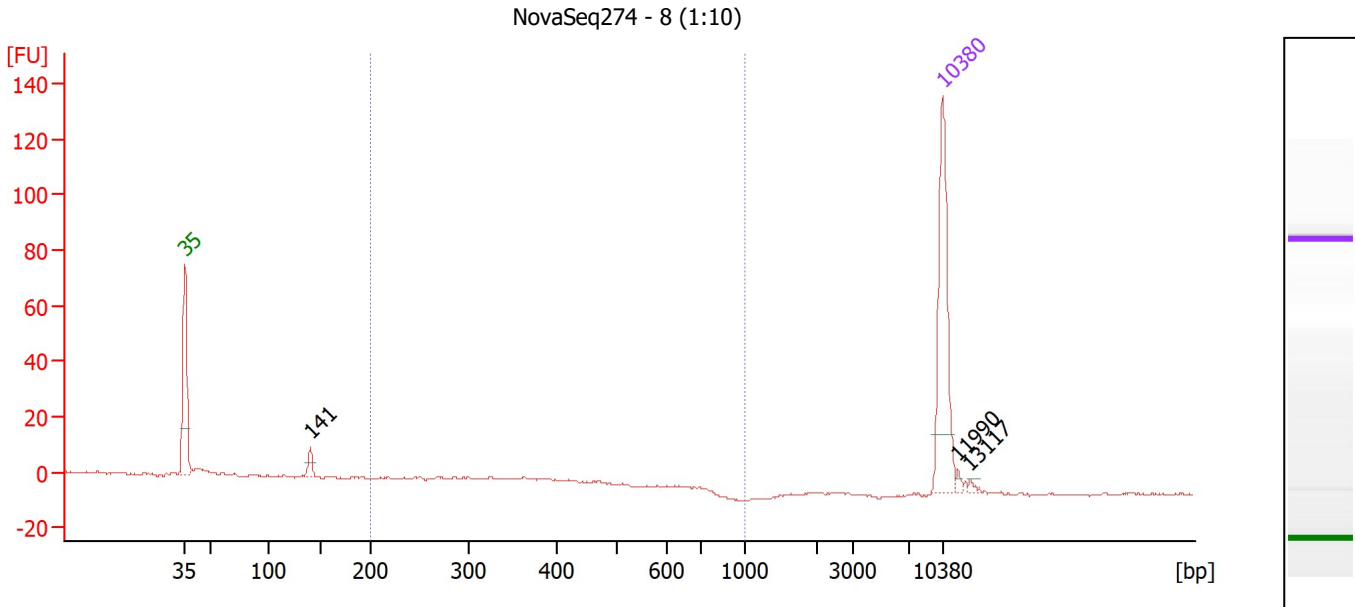
Region table for sample 1 : NovaSeq274 - 7 (1:10)

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200 | 1,000 | 912.8 | 96 | 441 | 28.5 | 927.37 | 3,575.7 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-10-26_002.xad

Created: 10/26/2020 4:12:41 PM
 Modified: 10/26/2020 5:00:08 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : NovaSeq274 - 8 (1:10)

Number of peaks found: 3 Corr. Area 1: 15.8
 Noise: 0.4

Peak table for sample 2 : NovaSeq274 - 8 (1:10)

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 141 | 10.96 | 118.1 | |
| 3 | 10,380 | 75.00 | 10.9 | Upper Marker |
| 4 | 11,990 | 0.00 | 0.0 | |
| 5 | 13,117 | 0.00 | 0.0 | |

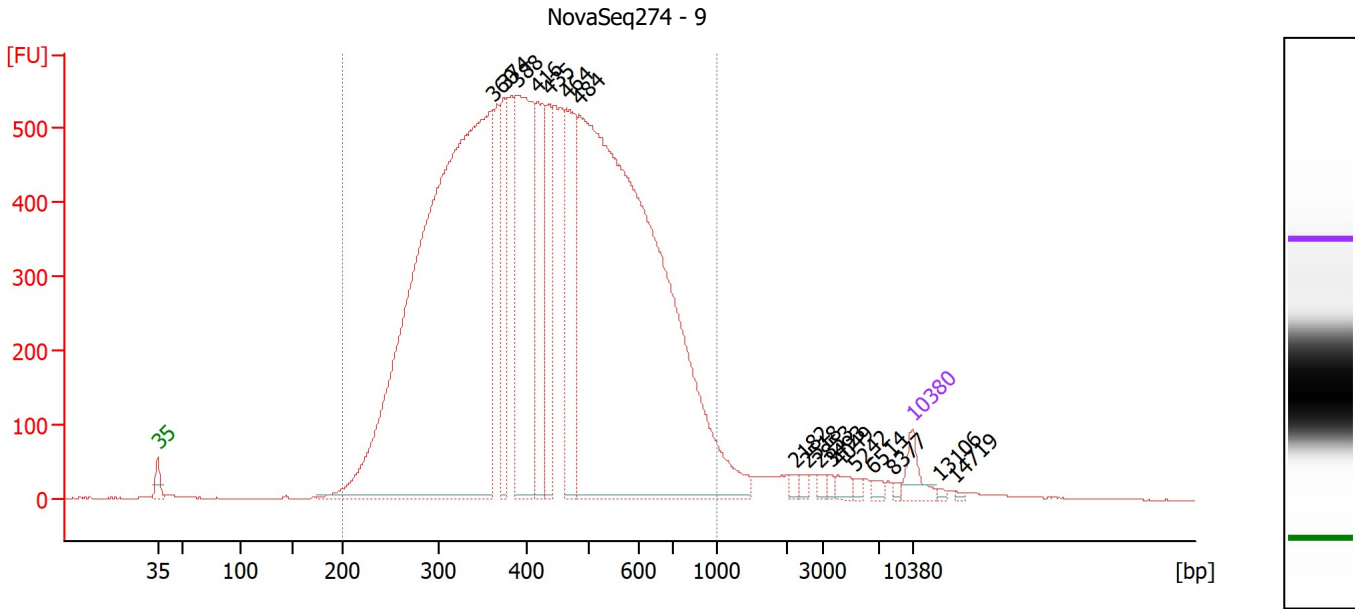
Region table for sample 2 : NovaSeq274 - 8 (1:10)

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200 | 1,000 | 15.8 | 36 | 344 | 16.5 | 14.70 | 67.4 | ■ |

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-10-26_002.xad

Created: 10/26/2020 4:12:41 PM
 Modified: 10/26/2020 5:00:08 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : NovaSeq274 - 9

Number of peaks found: 17 Corr. Area 1: 16,292.3
 Noise: 0.4

Peak table for sample 3 : NovaSeq274 - 9

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 360 | 5,177.88 | 21,808.8 | |
| 3 | 374 | 433.73 | 1,759.4 | |
| 4 | 388 | 1,232.35 | 4,813.1 | |
| 5 | 416 | 554.48 | 2,019.6 | |
| 6 | 435 | 393.28 | 1,370.2 | |
| 7 | 464 | 640.16 | 2,091.7 | |
| 8 | 484 | 4,951.26 | 15,486.6 | |
| 9 | 2,182 | 19.63 | 13.6 | |
| 10 | 2,518 | 20.71 | 12.5 | |
| 11 | 2,853 | 16.32 | 8.7 | |
| 12 | 3,493 | 13.68 | 5.9 | |
| 13 | 4,049 | 31.68 | 11.9 | |
| 14 | 5,242 | 16.18 | 4.7 | |
| 15 | 6,514 | 19.37 | 4.5 | |
| 16 | 8,377 | 11.43 | 2.1 | |
| 17 | 10,380 | 75.00 | 10.9 | Upper Marker |
| 18 | 13,106 | 0.00 | 0.0 | |
| 19 | 14,719 | 0.00 | 0.0 | |

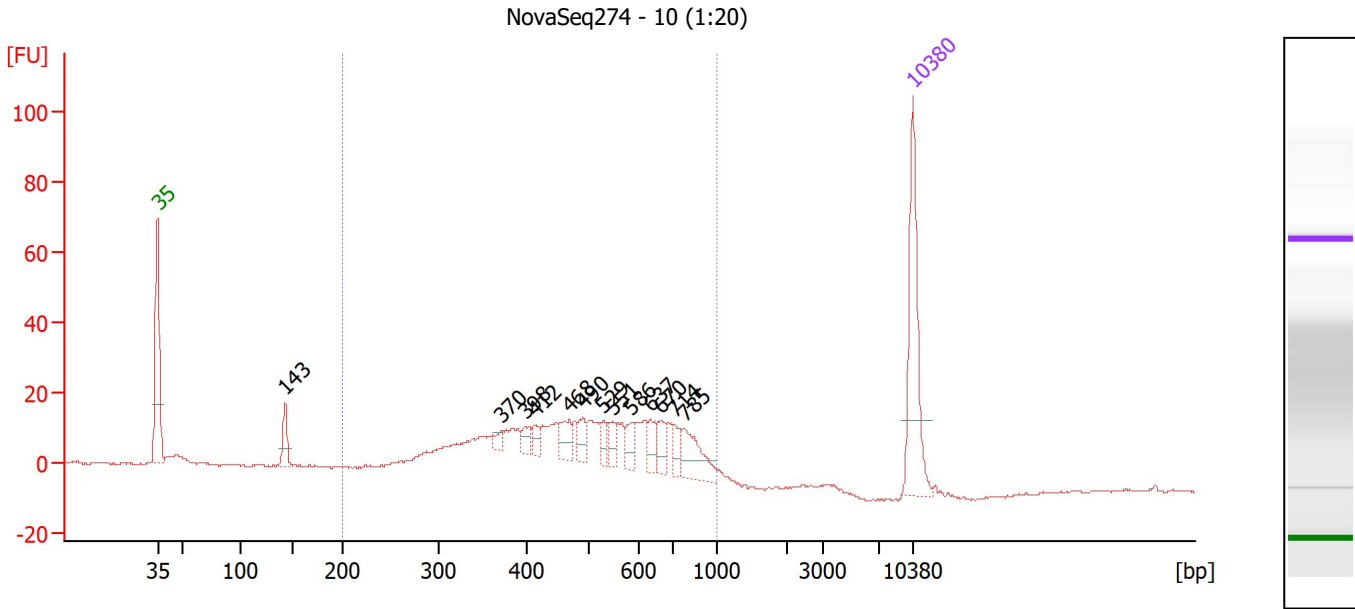
Region table for sample 3 : NovaSeq274 - 9

| 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 | 16,292.3 | 96 | 447 | 32.4 | 14,919.17 | 57,915.0 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-10-26_002.xad

Created: 10/26/2020 4:12:41 PM
 Modified: 10/26/2020 5:00:08 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : NovaSeq274 - 10 (1:20)

Number of peaks found: 13 Corr. Area 1: 433.2
 Noise: 0.4

Peak table for sample 4 : NovaSeq274 - 10 (1:20)

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 143 | 24.03 | 254.5 | |
| 3 | 370 | 6.91 | 28.3 | |
| 4 | 398 | 11.04 | 42.1 | |
| 5 | 412 | 8.94 | 32.9 | |
| 6 | 468 | 18.44 | 59.8 | |
| 7 | 490 | 14.82 | 45.8 | |
| 8 | 529 | 11.11 | 31.8 | |
| 9 | 551 | 11.80 | 32.5 | |
| 10 | 586 | 13.20 | 34.1 | |
| 11 | 637 | 15.50 | 36.9 | |
| 12 | 670 | 16.83 | 38.1 | |
| 13 | 714 | 12.48 | 26.5 | |
| 14 | 785 | 34.58 | 66.7 | |
| 15 | 10,380 | 75.00 | 10.9 | Upper Marker |

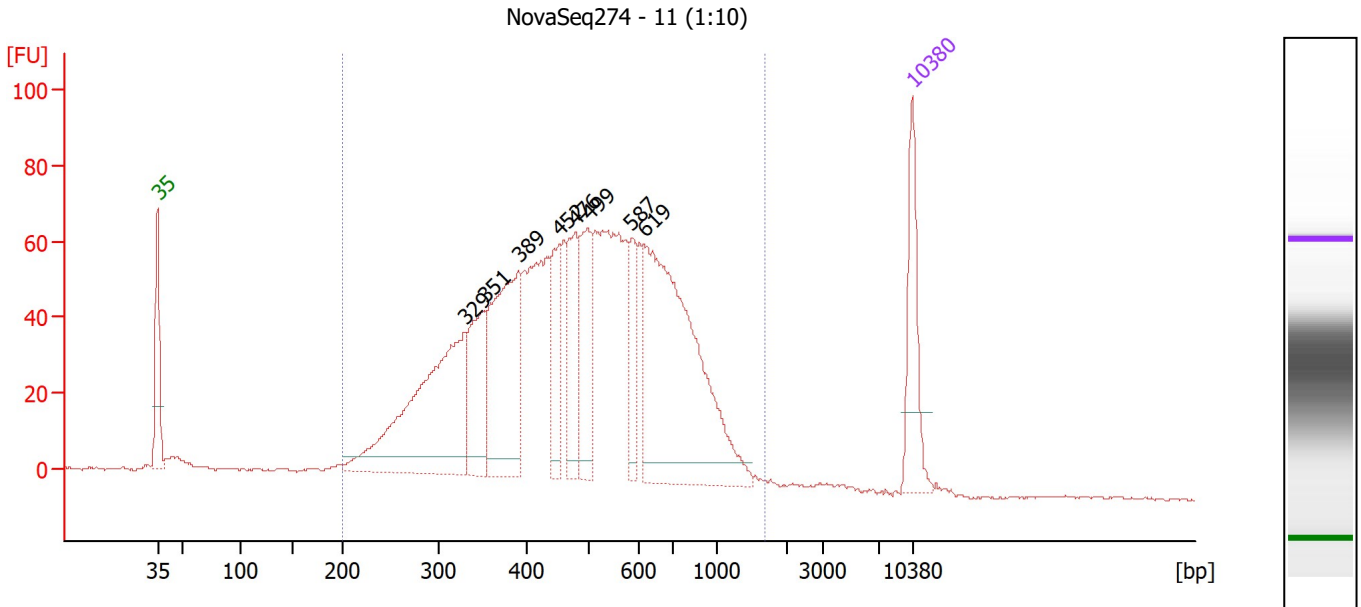
Region table for sample 4 : NovaSeq274 - 10 (1:20)

| 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 | 433.2 | 88 | 507 | 31.9 | 506.25 | 1,752.4 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-10-26_002.xad

Created: 10/26/2020 4:12:41 PM
 Modified: 10/26/2020 5:00:08 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : NovaSeq274 - 11 (1:10)

Number of peaks found: 8 Corr. Area 1: 1,860.1
 Noise: 0.3

Peak table for sample 5 : NovaSeq274 - 11 (1:10)

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 329 | 348.00 | 1,602.3 | |
| 3 | 351 | 123.99 | 535.1 | |
| 4 | 389 | 229.32 | 892.7 | |
| 5 | 452 | 80.39 | 269.3 | |
| 6 | 476 | 101.78 | 324.3 | |
| 7 | 499 | 102.66 | 311.9 | |
| 8 | 587 | 55.81 | 143.9 | |
| 9 | 619 | 405.69 | 993.6 | |
| 10 | 10,380 | 75.00 | 10.9 | Upper Marker |

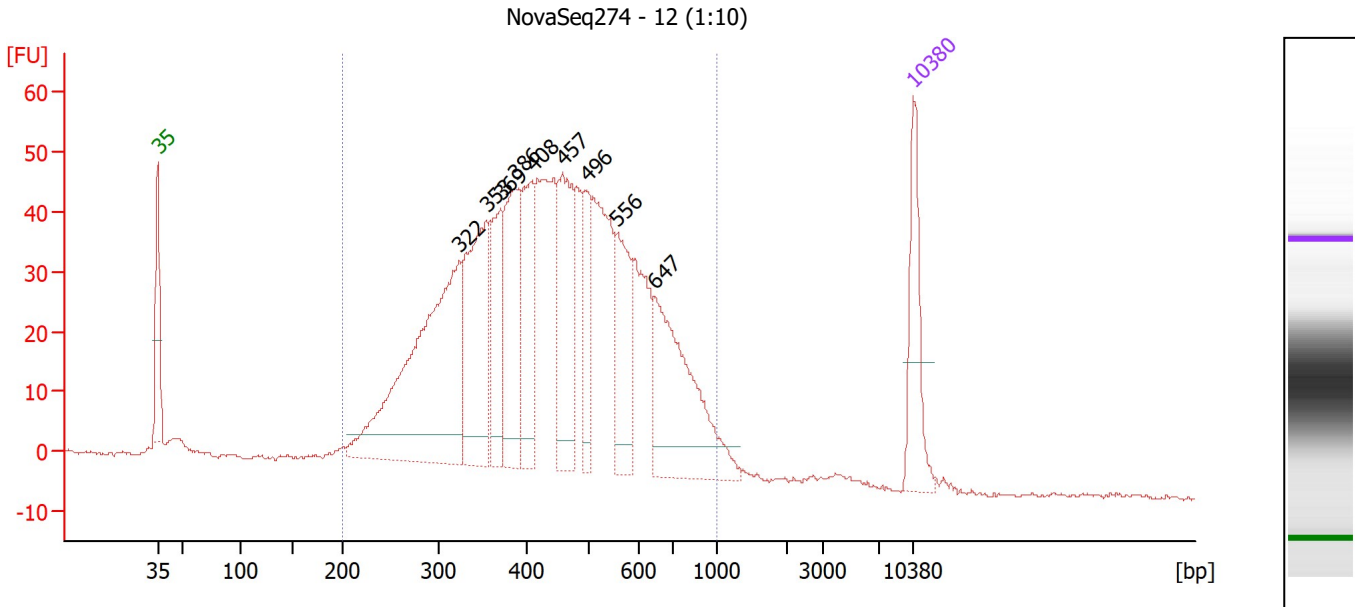
Region table for sample 5 : NovaSeq274 - 11 (1:10)

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200 | 1,676 | 1,860.1 | 97 | 513 | 38.0 | 2,120.49 | 7,465.2 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-10-26_002.xad

Created: 10/26/2020 4:12:41 PM
 Modified: 10/26/2020 5:00:08 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : NovaSeq274 - 12 (1:10)

Number of peaks found: 9 Corr. Area 1: 1,322.2
 Noise: 0.4

Peak table for sample 6 : NovaSeq274 - 12 (1:10)

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 322 | 452.36 | 2,126.3 | |
| 3 | 353 | 227.00 | 975.0 | |
| 4 | 369 | 109.15 | 447.8 | |
| 5 | 386 | 157.55 | 618.7 | |
| 6 | 408 | 124.94 | 463.8 | |
| 7 | 457 | 165.84 | 550.4 | |
| 8 | 496 | 70.36 | 214.7 | |
| 9 | 556 | 113.42 | 309.2 | |
| 10 | 647 | 214.80 | 502.9 | |
| 11 | 10,380 | 75.00 | 10.9 | Upper Marker |

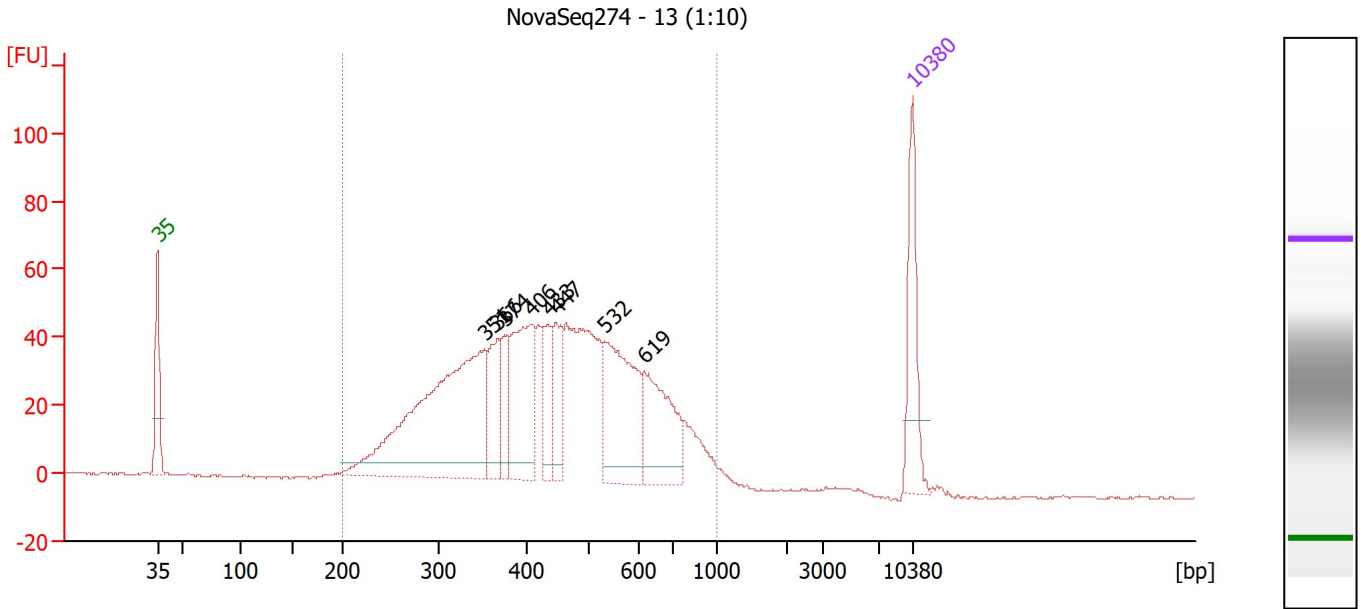
Region table for sample 6 : NovaSeq274 - 12 (1:10)

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200 | 1,000 | 1,322.2 | 96 | 457 | 31.9 | 2,289.09 | 8,680.5 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-10-26_002.xad

Created: 10/26/2020 4:12:41 PM
 Modified: 10/26/2020 5:00:08 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : NovaSeq274 - 13 (1:10)

Number of peaks found: 8 Corr. Area 1: 1,288.5
 Noise: 0.3

Peak table for sample 7 : NovaSeq274 - 13 (1:10)

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 351 | 427.16 | 1,843.7 | |
| 3 | 366 | 71.86 | 297.6 | |
| 4 | 374 | 49.80 | 201.8 | |
| 5 | 406 | 155.10 | 578.7 | |
| 6 | 433 | 53.32 | 186.5 | |
| 7 | 447 | 63.60 | 215.7 | |
| 8 | 532 | 170.67 | 485.7 | |
| 9 | 619 | 117.62 | 287.9 | |
| 10 | 10,380 | 75.00 | 10.9 | Upper Marker |

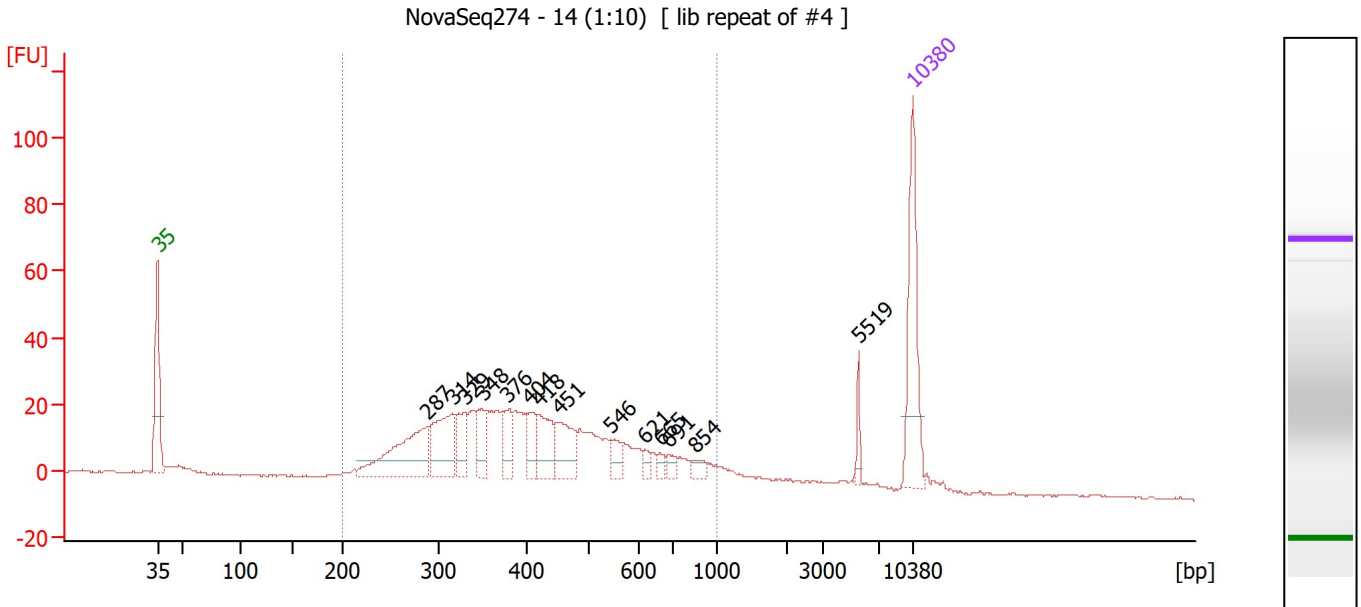
Region table for sample 7 : NovaSeq274 - 13 (1:10)

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200 | 1,000 | 1,288.5 | 98 | 456 | 32.2 | 1,522.33 | 5,814.4 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-10-26_002.xad

Created: 10/26/2020 4:12:41 PM
 Modified: 10/26/2020 5:00:08 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : NovaSeq274 - 14 (1:10)

Number of peaks found: 14 Corr. Area 1: 594.2
 Noise: 0.3

Peak table for sample 8 : NovaSeq274 - 14 (1:10)

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 287 | 108.82 | 574.1 | |
| 3 | 314 | 72.35 | 348.6 | |
| 4 | 329 | 30.88 | 142.3 | |
| 5 | 348 | 29.42 | 128.1 | |
| 6 | 376 | 32.57 | 131.3 | |
| 7 | 404 | 25.16 | 94.4 | |
| 8 | 418 | 41.23 | 149.3 | |
| 9 | 451 | 42.68 | 143.5 | |
| 10 | 546 | 15.05 | 41.8 | |
| 11 | 621 | 7.10 | 17.3 | |
| 12 | 665 | 6.29 | 14.3 | |
| 13 | 691 | 7.24 | 15.9 | |
| 14 | 854 | 8.58 | 15.2 | |
| 15 | 5,519 | 9.67 | 2.7 | |
| 16 | 10,380 | 75.00 | 10.9 | Upper Marker |

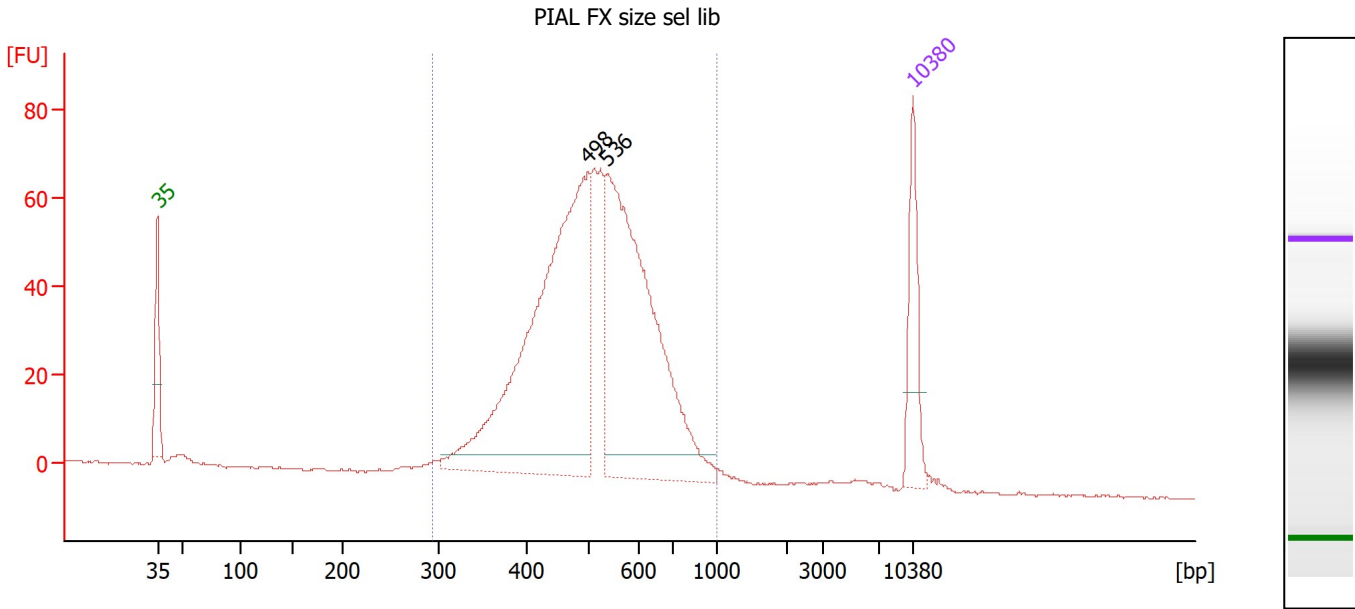
Region table for sample 8 : NovaSeq274 - 14 (1:10)

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200 | 1,000 | 594.2 | 88 | 434 | 35.8 | 716.18 | 2,905.7 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-10-26_002.xad

Created: 10/26/2020 4:12:41 PM
 Modified: 10/26/2020 5:00:08 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : PIAL FX size sel lib

Number of peaks found: 2 Corr. Area 1: 1,008.5
 Noise: 0.3

Peak table for sample 9 : PIAL FX size sel lib

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 498 | 696.45 | 2,117.3 | |
| 3 | 536 | 559.63 | 1,582.2 | |
| 4 | 10,380 | 75.00 | 10.9 | Upper Marker |

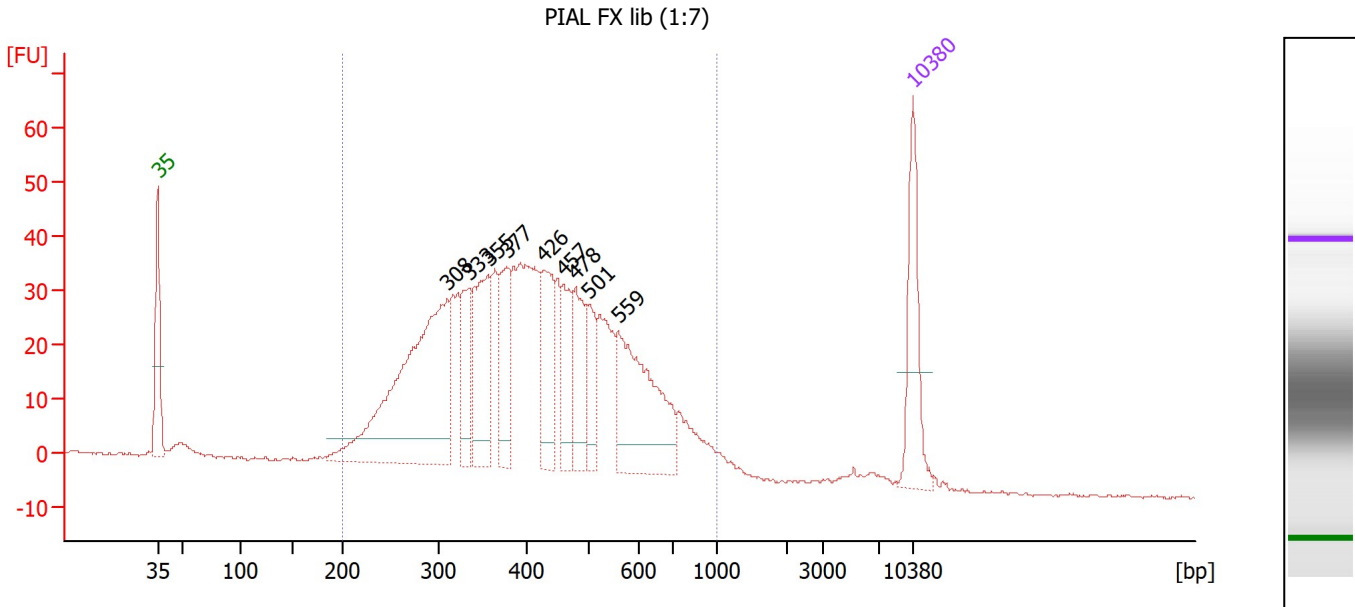
Region table for sample 9 : PIAL FX size sel lib

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 293 | 1,000 | 1,008.5 | 96 | 519 | 20.9 | 1,445.66 | 4,466.2 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-10-26_002.xad

Created: 10/26/2020 4:12:41 PM
 Modified: 10/26/2020 5:00:08 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : PIAL FX lib (1:7)

Number of peaks found: 9 Corr. Area 1: 1,026.5
 Noise: 0.3

Peak table for sample 10 : PIAL FX lib (1:7)

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 308 | 385.33 | 1,894.0 | |
| 3 | 333 | 73.91 | 336.4 | |
| 4 | 355 | 126.75 | 541.5 | |
| 5 | 377 | 83.30 | 335.2 | |
| 6 | 426 | 84.69 | 301.1 | |
| 7 | 457 | 62.65 | 207.5 | |
| 8 | 478 | 78.88 | 250.0 | |
| 9 | 501 | 47.89 | 144.9 | |
| 10 | 559 | 173.17 | 469.1 | |
| 11 | 10,380 | 75.00 | 10.9 | Upper Marker |

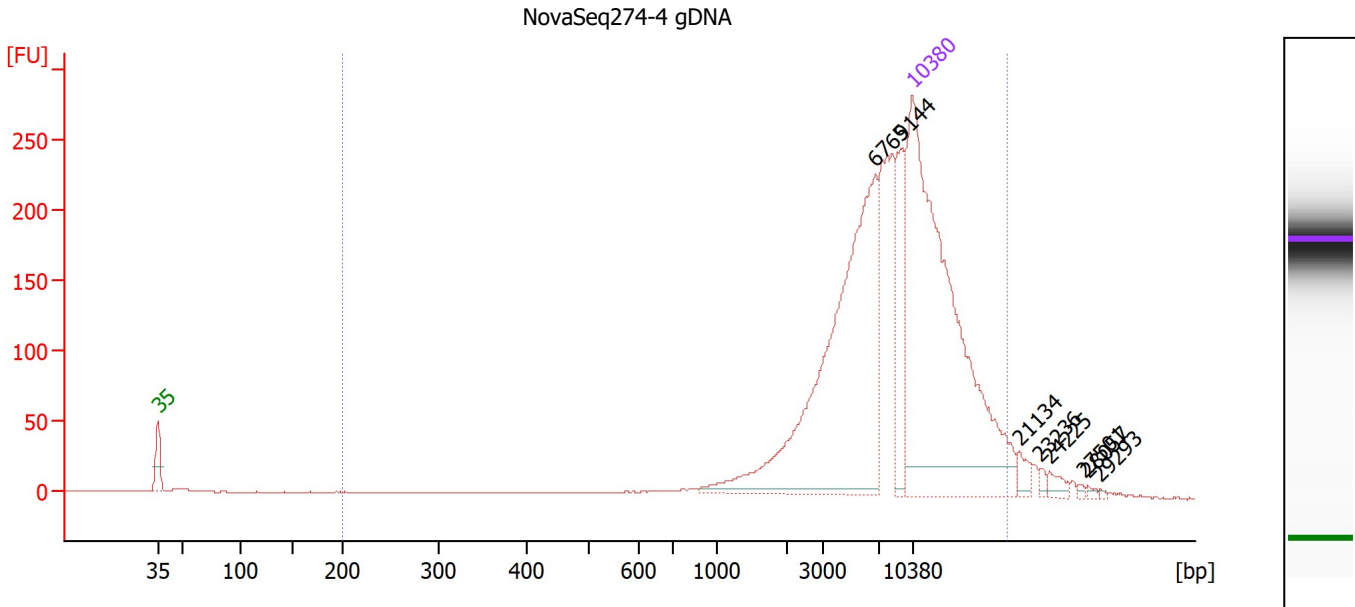
Region table for sample 10 : PIAL FX lib (1:7)

| 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 | 1,026.5 | 96 | 429 | 32.3 | 1,667.83 | 6,725.5 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-10-26_002.xad

Created: 10/26/2020 4:12:41 PM
 Modified: 10/26/2020 5:00:08 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : NovaSeq274-4 gDNA

Number of peaks found: 8 Corr. Area 1: 1,656.9
 Noise: 0.3

Peak table for sample 11 : NovaSeq274-4 gDNA

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 6,765 | 71.68 | 16.1 | |
| 3 | 9,144 | 13.37 | 2.2 | |
| 4 | 10,380 | 75.00 | 10.9 | Upper Marker |
| 5 | 21,135 | 0.00 | 0.0 | |
| 6 | 23,236 | 0.00 | 0.0 | |
| 7 | 24,225 | 0.00 | 0.0 | |
| 8 | 27,501 | 0.00 | 0.0 | |
| 9 | 28,057 | 0.00 | 0.0 | |
| 10 | 29,293 | 0.00 | 0.0 | |

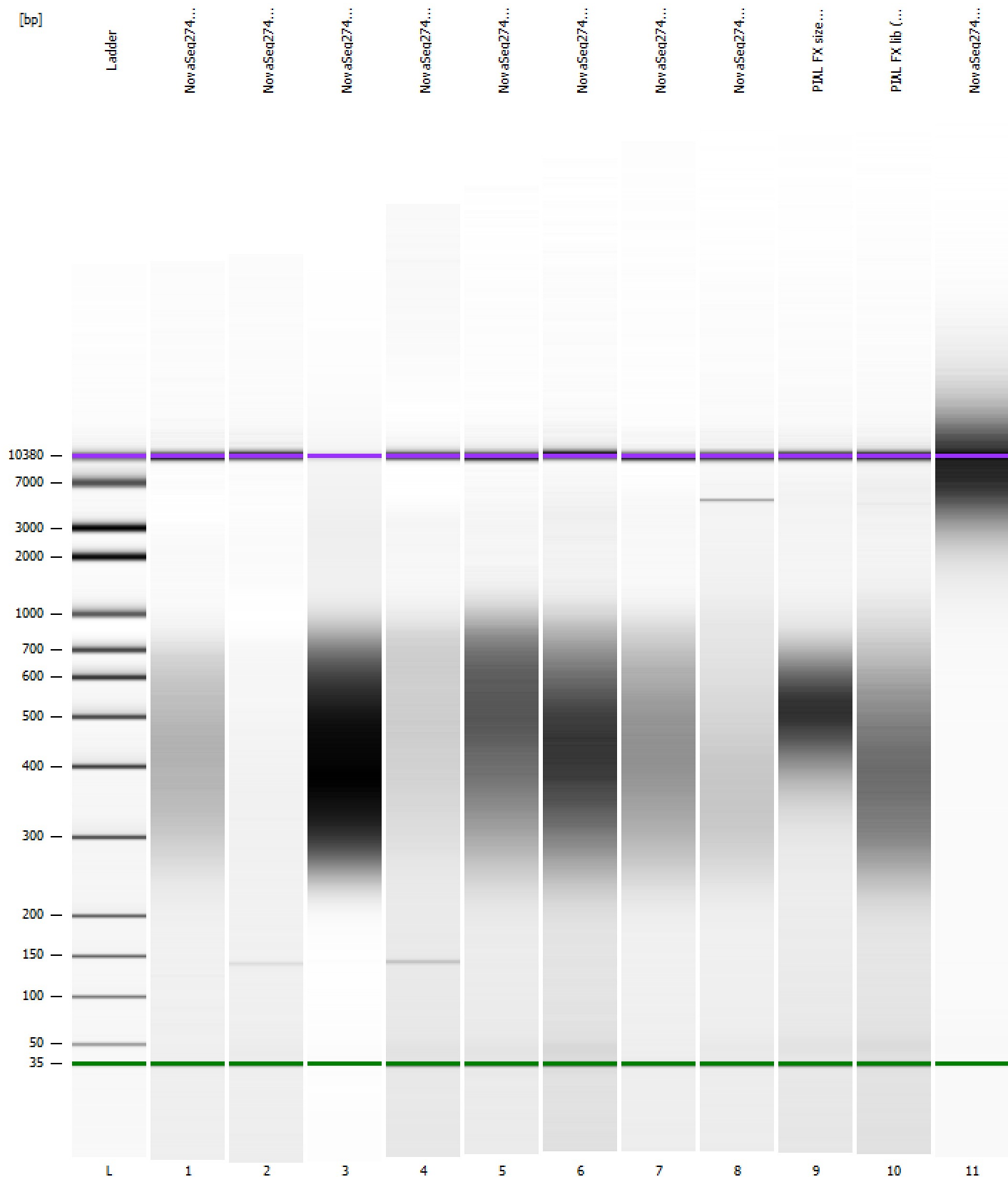
Region table for sample 11 : NovaSeq274-4 gDNA

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200 | 19,909 | 1,656.9 | 93 | 8,800 | 51.6 | 111.72 | 48.7 | Blue |

Assay Class: High Sensitivity DNA Assay
Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-10-26_002.xad

Created: 10/26/2020 4:12:41 PM
Modified: 10/26/2020 5:00:08 PM

Gel Image



Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-10-26_002.xad

Created: 10/26/2020 4:12:41 PM
 Modified: 10/26/2020 5:00:08 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 | | 10/26/2020 4:54:00 PM | (GMT --07:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |
| Run started on port 1 (File: Z:\XADs\2020-10-26\Bioanalyzer1_High Sensitivity DNA Assay_2020-10-26_002.xad) | | Instrument | Run | | 10/26/2020 4:12:46 PM | (GMT --07:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |
| Product Number : G2938C | | Instrument | Run | | 10/26/2020 4:12:46 PM | (GMT --07:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |
| Name : | | Instrument | Run | | 10/26/2020 4:12:46 PM | (GMT --07:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |
| Vendor : Agilent Technologies | | Instrument | Run | | 10/26/2020 4:12:46 PM | (GMT --07:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |
| Serial# : DE34903152 | | Instrument | Run | | 10/26/2020 4:12:46 PM | (GMT --07:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |
| Firmware : C.01.069 | | Instrument | Run | | 10/26/2020 4:12:46 PM | (GMT --07:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |
| Cartridge : Electrode | | Instrument | Run | | 10/26/2020 4:12:46 PM | (GMT --07:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |