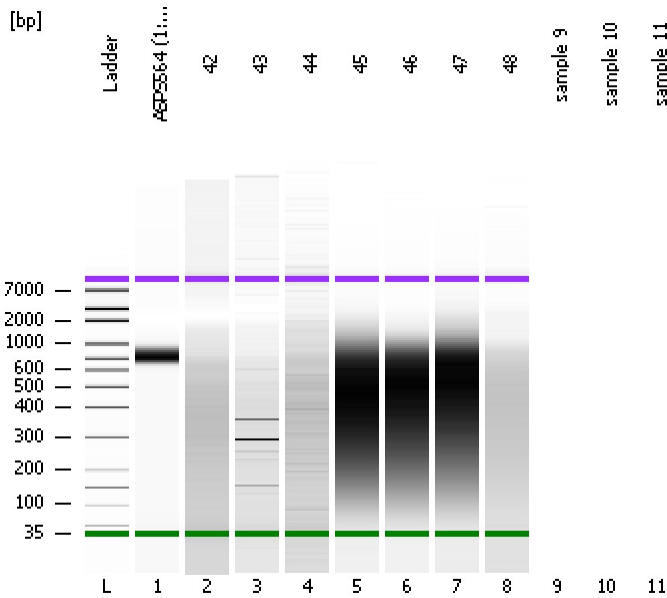


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2016-05-17\2016-05-17_007.xad

Created: 5/17/2016 4:46:58 PM
Modified: 5/17/2016 5:19:53 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

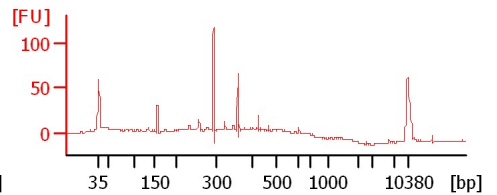
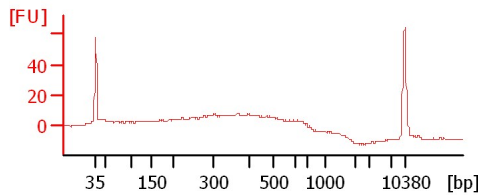
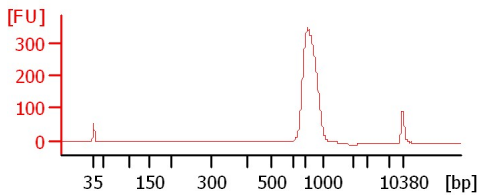
Chip Information:

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

ASPS564 (1:12)

42

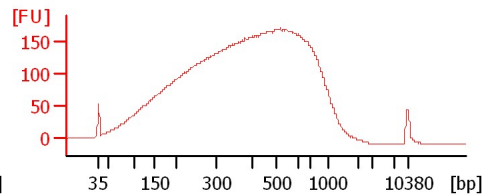
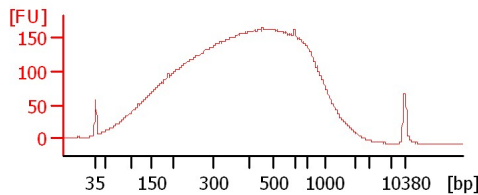
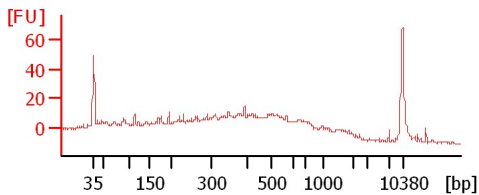
43



44

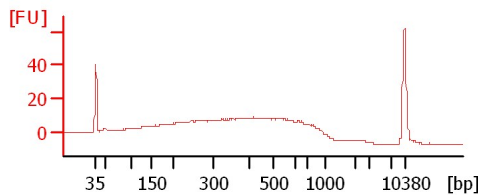
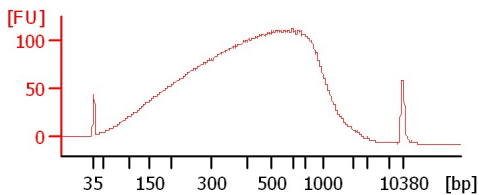
45

46



47

48



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-05-17\2016-05-17_007.xad

Created: 5/17/2016 4:46:58 PM
 Modified: 5/17/2016 5:19:53 PM

Electrophoresis File Run Summary (Chip Summary)

| Sample Name | Sample Comment | Rest. Digest | Status | Observation | Result Label | Result Color |
|----------------|----------------|--------------------------|--------|-------------|--------------|--------------|
| ASPS564 (1:12) | | <input type="checkbox"/> | ✓ | | | |
| 42 | | <input type="checkbox"/> | ✓ | | | |
| 43 | | <input type="checkbox"/> | ✓ | | | |
| 44 | | <input type="checkbox"/> | ✓ | | | |
| 45 | | <input type="checkbox"/> | ✓ | | | |
| 46 | | <input type="checkbox"/> | ✓ | | | |
| 47 | | <input type="checkbox"/> | ✓ | | | |
| 48 | | <input type="checkbox"/> | ✓ | | | |
| sample 9 | | <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: C:\... bioanalyzer\2100 expert\data\2016-05-17\2016-05-17_007.xad

Created: 5/17/2016 4:46:58 PM
Modified: 5/17/2016 5:19:53 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

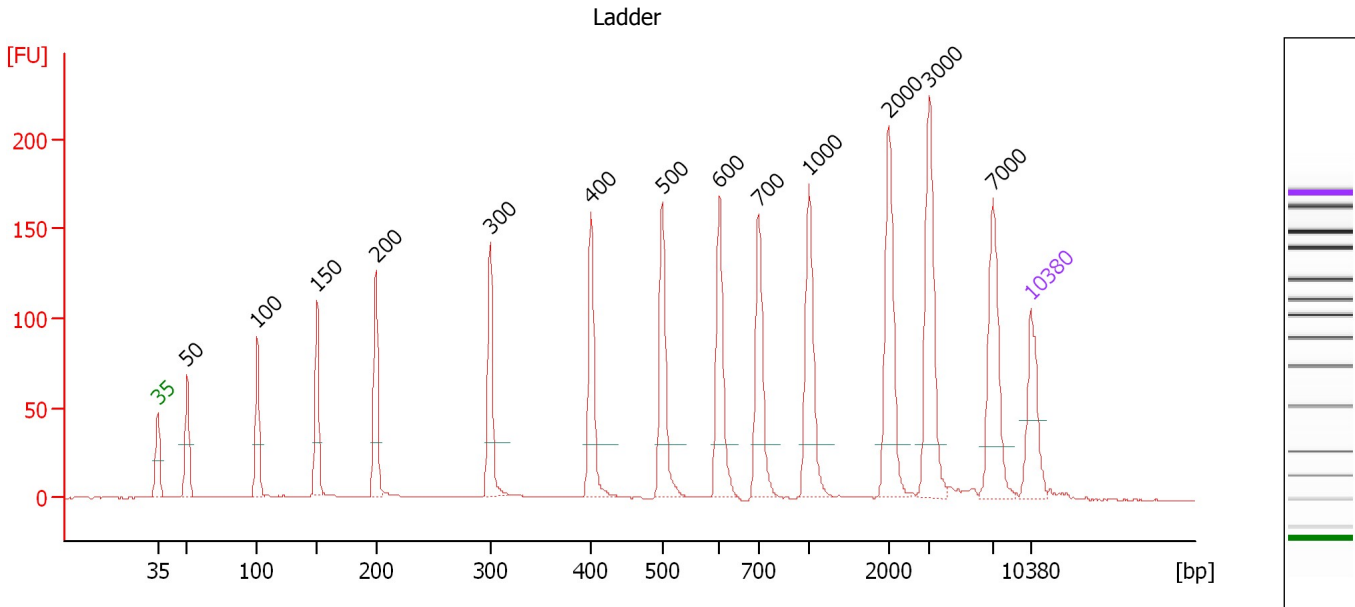
Ladder

| 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:\... bioanalyzer\2100 expert\data\2016-05-17\2016-05-17_007.xad

Created: 5/17/2016 4:46:58 PM
 Modified: 5/17/2016 5:19:53 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.3

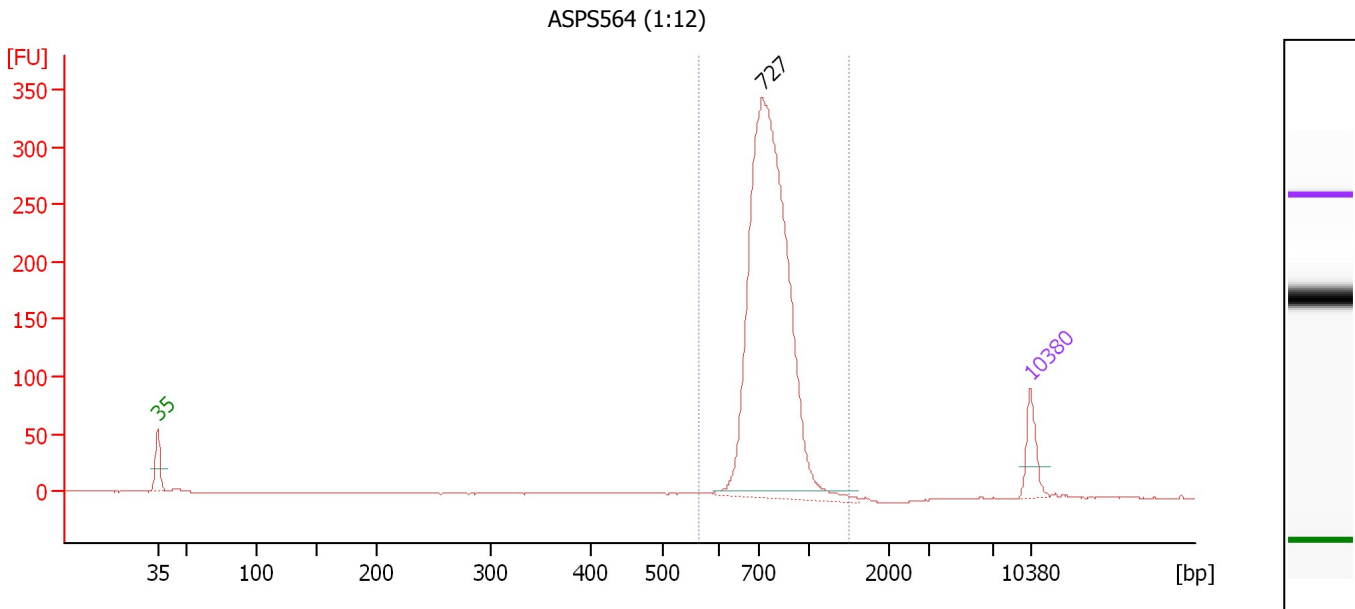
Peak table for Ladder

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker | 43.00 |
| 2 | 50 | 150.00 | 4,545.5 | Ladder Peak | 45.39 |
| 3 | 100 | 150.00 | 2,272.7 | Ladder Peak | 51.00 |
| 4 | 150 | 150.00 | 1,515.2 | Ladder Peak | 55.78 |
| 5 | 200 | 150.00 | 1,136.4 | Ladder Peak | 60.50 |
| 6 | 300 | 150.00 | 757.6 | Ladder Peak | 69.70 |
| 7 | 400 | 150.00 | 568.2 | Ladder Peak | 77.75 |
| 8 | 500 | 150.00 | 454.5 | Ladder Peak | 83.47 |
| 9 | 600 | 150.00 | 378.8 | Ladder Peak | 88.04 |
| 10 | 700 | 150.00 | 324.7 | Ladder Peak | 91.17 |
| 11 | 1,000 | 150.00 | 227.3 | Ladder Peak | 95.25 |
| 12 | 2,000 | 150.00 | 113.6 | Ladder Peak | 101.66 |
| 13 | 3,000 | 150.00 | 75.8 | Ladder Peak | 104.90 |
| 14 | 7,000 | 150.00 | 32.5 | Ladder Peak | 109.97 |
| 15 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-05-17\2016-05-17_007.xad

Created: 5/17/2016 4:46:58 PM
 Modified: 5/17/2016 5:19:53 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : ASPS564 (1:12)

Number of peaks found: 1 Corr. Area 1: 1,358.8
 Noise: 0.2

Peak table for sample 1 : ASPS564 (1:12)

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker | 43.00 |
| 2 | 727 | 1,894.22 | 3,945.7 | | 91.55 |
| 3 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |

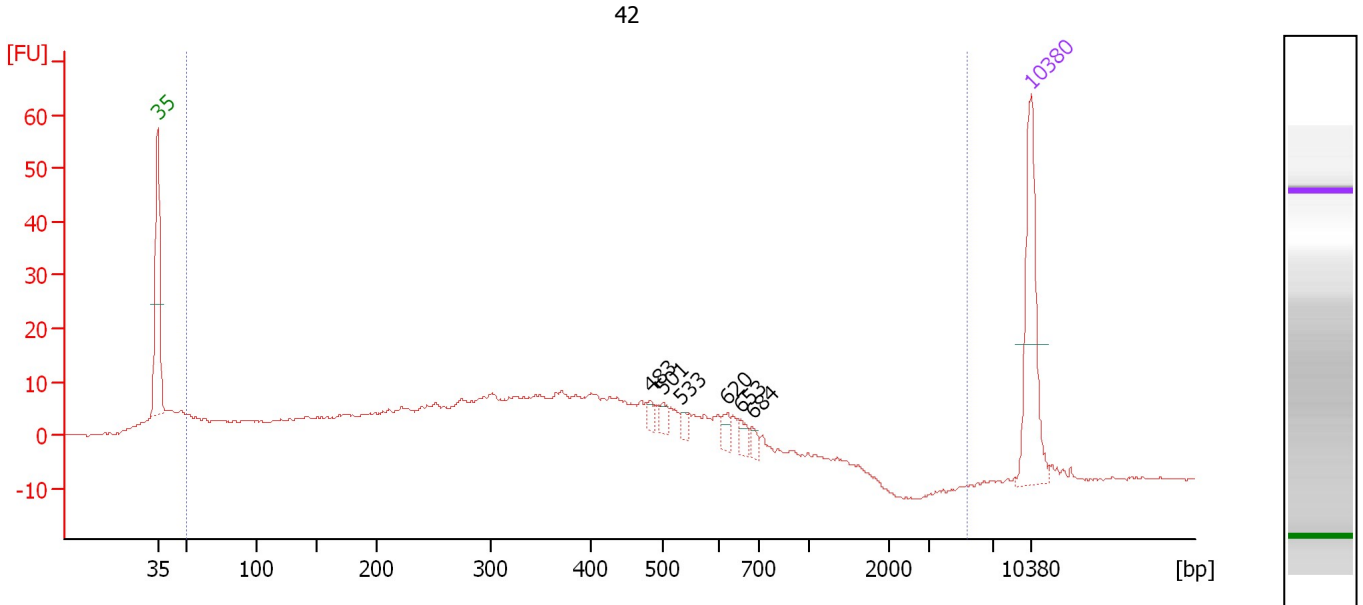
Region table for sample 1 : ASPS564 (1:12)

| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Molarity [pmol/l] | Co Conc. lor [pg/μl] | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|-------------------|----------------------|------------|-----------------------------|
| 564 | 1,499 | 775 | 1,358.8 | 3,543.6 | 1,792.64 | 98 | 12.2 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-05-17\2016-05-17_007.xad

Created: 5/17/2016 4:46:58 PM
 Modified: 5/17/2016 5:19:53 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : 42

Number of peaks found: 6 Corr. Area 1: 488.3
 Noise: 0.2

Peak table for sample 2 : 42

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker | 43.00 |
| 2 | 483 | 7.90 | 24.8 | | 82.48 |
| 3 | 501 | 7.63 | 23.1 | | 83.50 |
| 4 | 533 | 6.09 | 17.3 | | 84.99 |
| 5 | 620 | 9.19 | 22.4 | | 88.68 |
| 6 | 653 | 8.86 | 20.6 | | 89.70 |
| 7 | 684 | 6.26 | 13.9 | | 90.67 |
| 8 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |

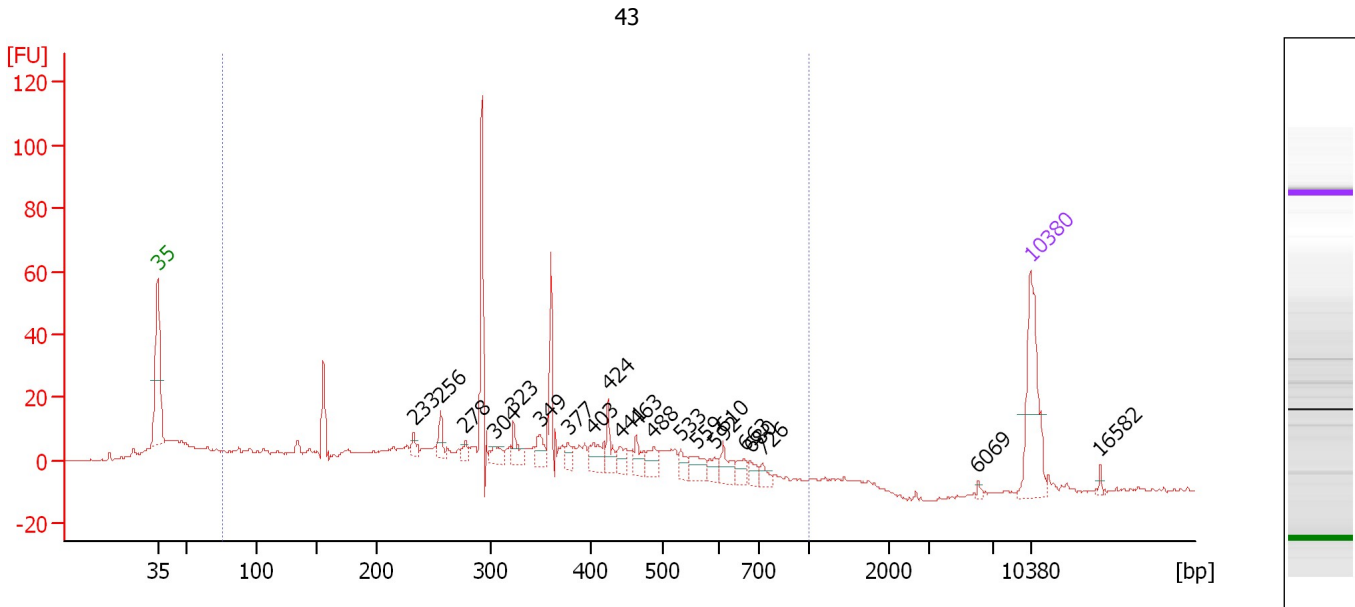
Region table for sample 2 : 42

| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Molarity [pmol/l] | Co Conc. lor [pg/μl] | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|-------------------|----------------------|------------|-----------------------------|
| 50 | 5,389 | 354 | 488.3 | 6,825.5 | 921.44 | 93 | 49.4 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-05-17\2016-05-17_007.xad

Created: 5/17/2016 4:46:58 PM
 Modified: 5/17/2016 5:19:53 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : 43

Number of peaks found: 21 Corr. Area 1: 451.6
 Noise: 0.4

Peak table for sample 3 : 43

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker | 43.00 |
| 2 | 233 | 9.80 | 63.7 | | 63.54 |
| 3 | 256 | 18.75 | 110.9 | | 65.67 |
| 4 | 278 | 8.77 | 47.8 | | 67.65 |
| 5 | 304 | 13.59 | 67.8 | | 69.99 |
| 6 | 323 | 20.35 | 95.5 | | 71.55 |
| 7 | 349 | 19.56 | 84.8 | | 73.68 |
| 8 | 377 | 12.22 | 49.1 | | 75.92 |
| 9 | 403 | 21.29 | 80.0 | | 77.95 |
| 10 | 424 | 21.81 | 77.9 | | 79.14 |
| 11 | 441 | 13.82 | 47.5 | | 80.08 |
| 12 | 463 | 16.52 | 54.0 | | 81.38 |
| 13 | 488 | 19.92 | 61.9 | | 82.78 |
| 14 | 533 | 11.46 | 32.6 | | 84.97 |
| 15 | 559 | 17.66 | 47.9 | | 86.16 |
| 16 | 592 | 11.75 | 30.1 | | 87.67 |
| 17 | 610 | 17.84 | 44.3 | | 88.35 |
| 18 | 663 | 12.89 | 29.5 | | 90.01 |
| 19 | 680 | 9.18 | 20.5 | | 90.53 |
| 20 | 726 | 9.40 | 19.6 | | 91.52 |
| 21 | 6,069 | 2.92 | 0.7 | | 108.79 |
| 22 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |
| 23 | 16,582 | 0.00 | 0.0 | | 118.56 |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2016-05-17\2016-05-17_007.xad

Created: 5/17/2016 4:46:58 PM
Modified: 5/17/2016 5:19:53 PM

Electropherogram Summary Continued ...

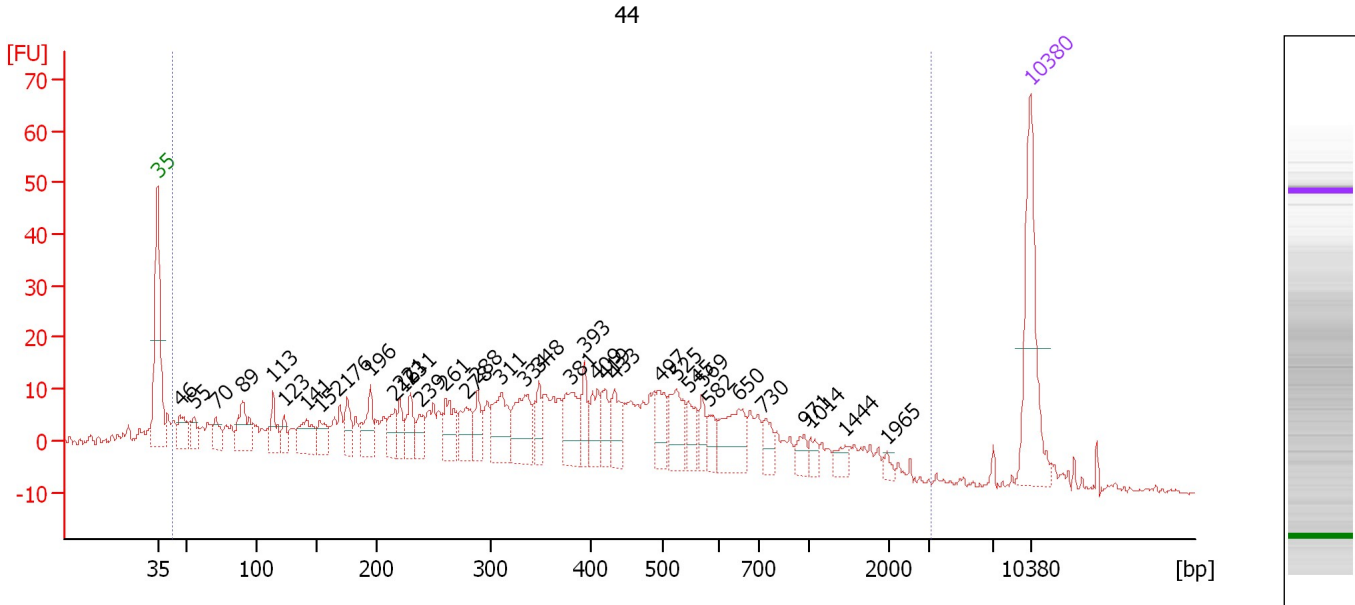
... Region table for sample 3 : 43

| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Molarity [pmol/l] | Co Conc. lor [pg/μl] | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|-------------------|----------------------|------------|-----------------------------|
| 75 | 1,000 | 337 | 451.6 | 5,699.7 | 861.48 | 86 | 43.3 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-05-17\2016-05-17_007.xad

Created: 5/17/2016 4:46:58 PM
 Modified: 5/17/2016 5:19:53 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : 44

Number of peaks found: 36 Corr. Area 1: 689.1
 Noise: 0.6

Peak table for sample 4 : 44

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker | 43.00 |
| 2 | 46 | 26.14 | 854.8 | | 44.80 |
| 3 | 55 | 17.61 | 487.7 | | 45.92 |
| 4 | 70 | 20.18 | 435.0 | | 47.67 |
| 5 | 89 | 44.21 | 751.1 | | 49.79 |
| 6 | 113 | 26.16 | 349.6 | | 52.28 |
| 7 | 123 | 15.30 | 188.7 | | 53.18 |
| 8 | 141 | 34.33 | 368.5 | | 54.93 |
| 9 | 152 | 23.57 | 234.5 | | 55.99 |
| 10 | 176 | 21.71 | 187.1 | | 58.22 |
| 11 | 196 | 32.65 | 253.0 | | 60.08 |
| 12 | 216 | 18.05 | 126.5 | | 61.98 |
| 13 | 221 | 19.33 | 132.7 | | 62.41 |
| 14 | 231 | 22.94 | 150.8 | | 63.31 |
| 15 | 239 | 16.41 | 104.2 | | 64.05 |
| 16 | 261 | 34.53 | 200.8 | | 66.07 |
| 17 | 278 | 31.82 | 173.2 | | 67.71 |
| 18 | 288 | 21.42 | 112.6 | | 68.61 |
| 19 | 311 | 44.99 | 219.3 | | 70.58 |
| 20 | 334 | 49.82 | 226.0 | | 72.43 |
| 21 | 348 | 22.91 | 99.8 | | 73.55 |
| 22 | 381 | 41.20 | 164.0 | | 76.20 |
| 23 | 393 | 23.45 | 90.4 | | 77.20 |
| 24 | 409 | 26.61 | 98.6 | | 78.27 |
| 25 | 419 | 19.54 | 70.6 | | 78.85 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-05-17\2016-05-17_007.xad

Created: 5/17/2016 4:46:58 PM
 Modified: 5/17/2016 5:19:53 PM

Electropherogram Summary Continued ...

... Peak table for sample 4 : 44

| Peak | Size [bp] | Conc. [pg/ μ l] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------------|-------------------|--------------|----------------------------|
| 26 | 433 | 28.07 | 98.2 | | 79.64 |
| 27 | 497 | 28.32 | 86.3 | | 83.30 |
| 28 | 525 | 34.81 | 100.4 | | 84.63 |
| 29 | 545 | 17.62 | 49.0 | | 85.53 |
| 30 | 569 | 14.87 | 39.6 | | 86.64 |
| 31 | 582 | 14.12 | 36.8 | | 87.23 |
| 32 | 650 | 42.72 | 99.5 | | 89.61 |
| 33 | 730 | 14.28 | 29.7 | | 91.58 |
| 34 | 971 | 10.41 | 16.2 | | 94.86 |
| 35 | 1,014 | 6.95 | 10.4 | | 95.34 |
| 36 | 1,444 | 8.37 | 8.8 | | 98.10 |
| 37 | 1,965 | 4.16 | 3.2 | | 101.44 |
| 38 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |

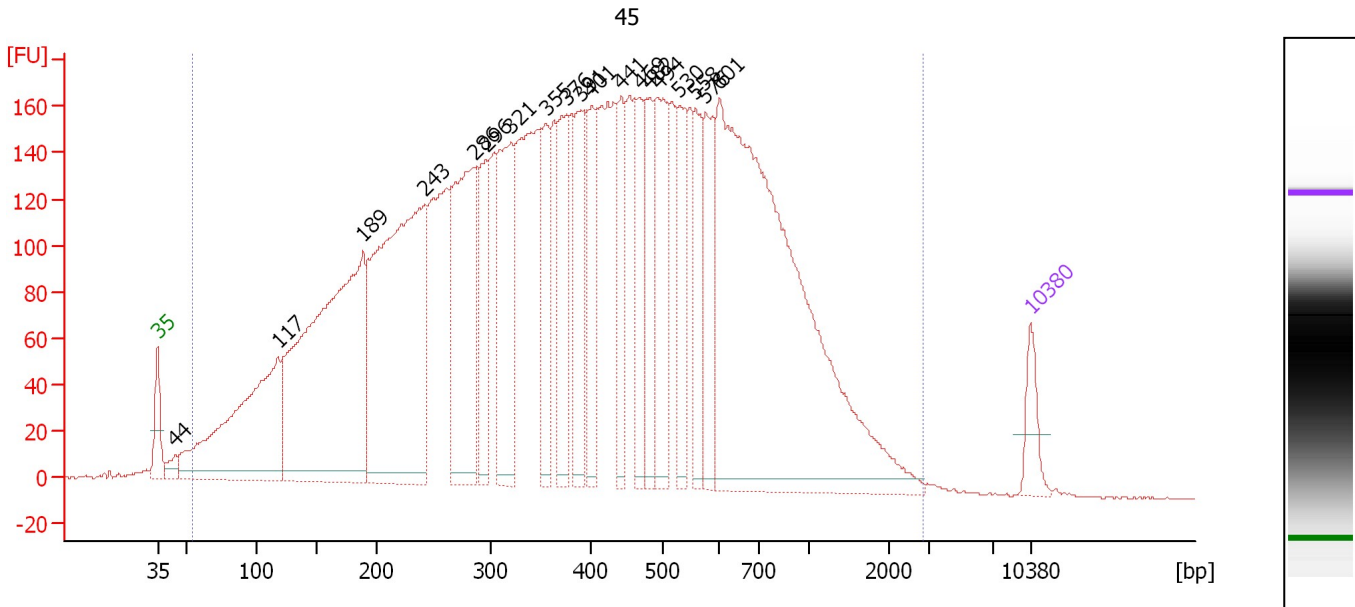
Region table for sample 4 : 44

| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Molarity [pmol/l] | Co Conc. lor [pg/ μ l] | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|-------------------|----------------------------|------------|-----------------------------|
| 42 | 3,037 | 457 | 689.1 | 9,577.2 | 1,247.69 | 94 | 79.2 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-05-17\2016-05-17_007.xad

Created: 5/17/2016 4:46:58 PM
 Modified: 5/17/2016 5:19:53 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : 45

Number of peaks found: 19 Corr. Area 1: 7,997.2
 Noise: 0.3

Peak table for sample 5 : 45

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker | 43.00 |
| 2 | 44 | 46.85 | 1,621.4 | | 44.40 |
| 3 | 117 | 993.84 | 12,882.5 | | 52.62 |
| 4 | 189 | 1,709.87 | 13,683.1 | | 59.49 |
| 5 | 243 | 1,510.61 | 9,404.7 | | 64.49 |
| 6 | 286 | 740.48 | 3,922.7 | | 68.41 |
| 7 | 296 | 301.61 | 1,544.2 | | 69.32 |
| 8 | 321 | 521.79 | 2,465.1 | | 71.37 |
| 9 | 355 | 256.71 | 1,094.4 | | 74.16 |
| 10 | 376 | 305.91 | 1,232.5 | | 75.82 |
| 11 | 391 | 282.74 | 1,096.3 | | 77.01 |
| 12 | 401 | 262.37 | 991.2 | | 77.81 |
| 13 | 441 | 225.36 | 773.4 | | 80.12 |
| 14 | 469 | 256.41 | 828.9 | | 81.68 |
| 15 | 482 | 237.02 | 745.3 | | 82.43 |
| 16 | 494 | 352.11 | 1,079.8 | | 83.13 |
| 17 | 530 | 234.75 | 670.8 | | 84.85 |
| 18 | 558 | 222.09 | 602.6 | | 86.14 |
| 19 | 576 | 243.32 | 640.1 | | 86.94 |
| 20 | 601 | 2,067.89 | 5,213.5 | | 88.07 |
| 21 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |

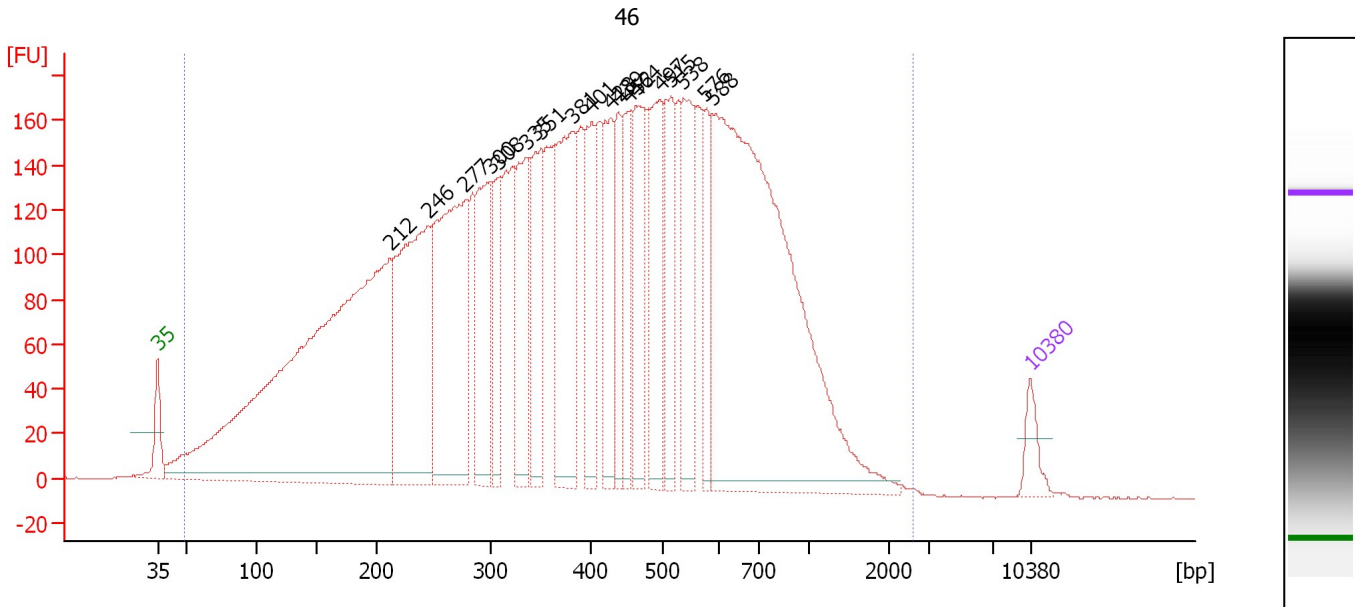
Region table for sample 5 : 45

| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Molarity [pmol/l] | Co Conc. [pg/μl] | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|-------------------|------------------|------------|-----------------------------|
| 53 | 2,835 | 457 | 7,997.2 | 80,333.3 | 13,911.11 | 99 | 66.8 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-05-17\2016-05-17_007.xad

Created: 5/17/2016 4:46:58 PM
 Modified: 5/17/2016 5:19:53 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : 46

Number of peaks found: 18 Corr. Area 1: 7,752.2
 Noise: 0.3

Peak table for sample 6 : 46

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker | 43.00 |
| 2 | 212 | 3,561.21 | 25,421.6 | | 61.63 |
| 3 | 246 | 1,235.67 | 7,613.6 | | 64.72 |
| 4 | 277 | 1,177.32 | 6,435.1 | | 67.60 |
| 5 | 300 | 553.66 | 2,799.6 | | 69.66 |
| 6 | 308 | 324.28 | 1,593.4 | | 70.37 |
| 7 | 335 | 460.05 | 2,078.7 | | 72.54 |
| 8 | 351 | 434.09 | 1,874.7 | | 73.79 |
| 9 | 381 | 737.54 | 2,931.7 | | 76.24 |
| 10 | 401 | 355.70 | 1,343.9 | | 77.81 |
| 11 | 428 | 375.74 | 1,331.3 | | 79.33 |
| 12 | 439 | 288.99 | 997.4 | | 79.98 |
| 13 | 452 | 288.97 | 968.0 | | 80.74 |
| 14 | 464 | 424.41 | 1,386.7 | | 81.39 |
| 15 | 497 | 463.54 | 1,413.3 | | 83.29 |
| 16 | 515 | 369.63 | 1,087.1 | | 84.16 |
| 17 | 538 | 397.95 | 1,121.2 | | 85.20 |
| 18 | 576 | 251.86 | 662.8 | | 86.93 |
| 19 | 588 | 2,580.90 | 6,654.7 | | 87.48 |
| 20 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |

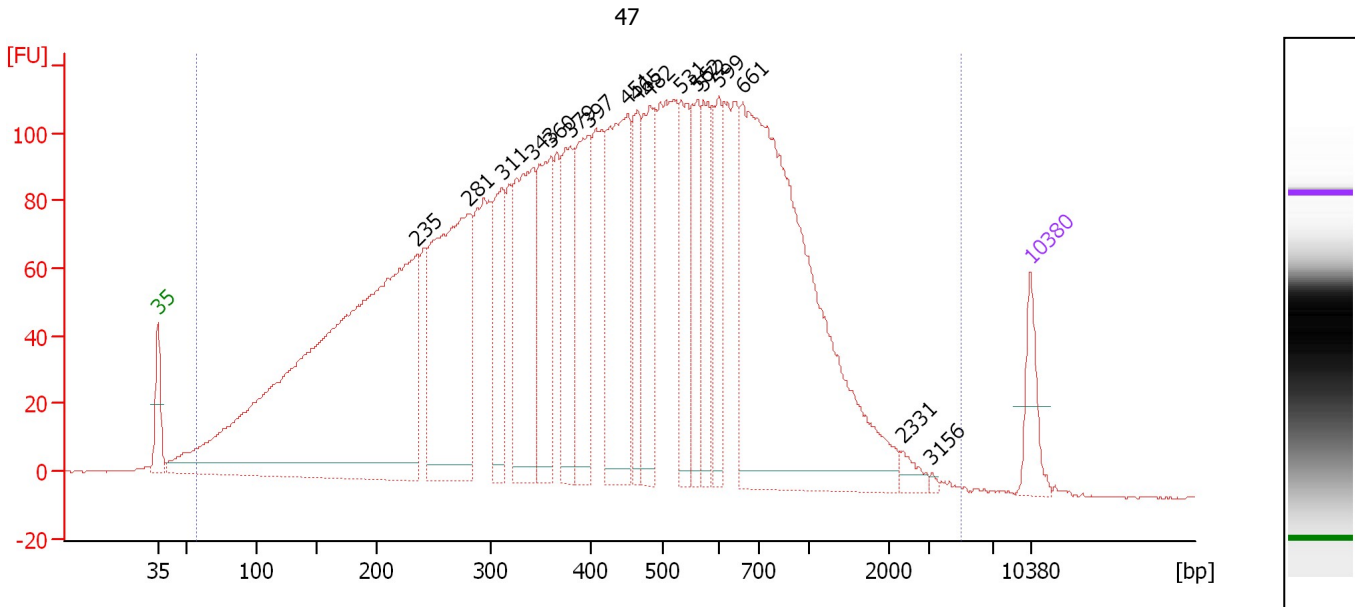
Region table for sample 6 : 46

| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Molarity [pmol/l] | Co Conc. [pg/μl] | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|-------------------|------------------|------------|-----------------------------|
| 49 | 2,586 | 440 | 7,752.2 | 99,266.8 | 17,142.07 | 99 | 57.3 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-05-17\2016-05-17_007.xad

Created: 5/17/2016 4:46:58 PM
 Modified: 5/17/2016 5:19:53 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : 47

Number of peaks found: 17 Corr. Area 1: 5,018.6
 Noise: 0.2

Peak table for sample 7 : 47

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker | 43.00 |
| 2 | 235 | 2,223.01 | 14,310.4 | | 63.75 |
| 3 | 281 | 814.60 | 4,396.5 | | 67.93 |
| 4 | 311 | 246.07 | 1,197.3 | | 70.62 |
| 5 | 343 | 436.85 | 1,931.1 | | 73.14 |
| 6 | 360 | 296.44 | 1,248.3 | | 74.51 |
| 7 | 379 | 244.35 | 977.2 | | 76.05 |
| 8 | 397 | 318.66 | 1,215.3 | | 77.53 |
| 9 | 451 | 487.57 | 1,638.3 | | 80.66 |
| 10 | 465 | 182.11 | 593.0 | | 81.49 |
| 11 | 482 | 259.96 | 817.8 | | 82.42 |
| 12 | 531 | 225.19 | 642.5 | | 84.89 |
| 13 | 562 | 167.52 | 451.4 | | 86.32 |
| 14 | 572 | 188.60 | 499.7 | | 86.76 |
| 15 | 599 | 182.30 | 460.7 | | 88.02 |
| 16 | 661 | 1,417.09 | 3,250.2 | | 89.94 |
| 17 | 2,331 | 25.64 | 16.7 | | 102.73 |
| 18 | 3,156 | 4.68 | 2.2 | | 105.09 |
| 19 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |

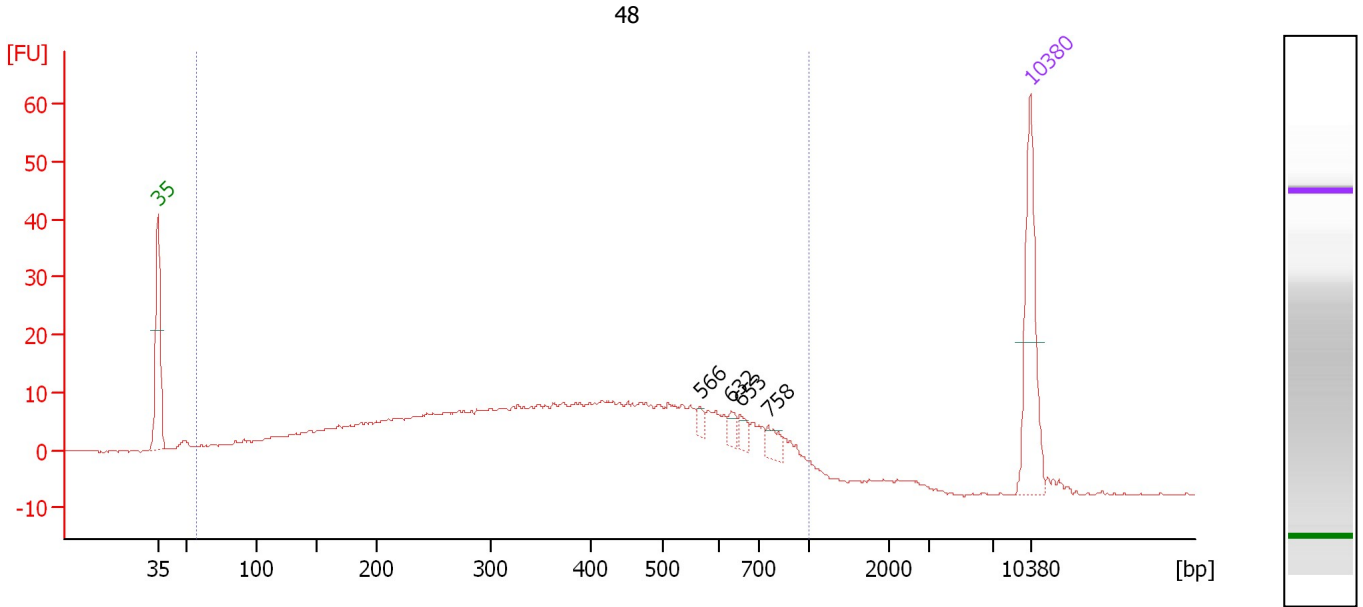
Region table for sample 7 : 47

| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Molarity [pmol/l] | Co Conc. [pg/μl] | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|-------------------|------------------|------------|-----------------------------|
| 57 | 4,935 | 501 | 5,018.6 | 52,845.9 | 9,819.58 | 99 | 71.7 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-05-17\2016-05-17_007.xad

Created: 5/17/2016 4:46:58 PM
 Modified: 5/17/2016 5:19:53 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : 48

Number of peaks found: 4 Corr. Area 1: 525.8
 Noise: 0.2

Peak table for sample 8 : 48

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker | 43.00 |
| 2 | 566 | 6.57 | 17.6 | | 86.51 |
| 3 | 632 | 8.12 | 19.5 | | 89.04 |
| 4 | 653 | 8.57 | 19.9 | | 89.70 |
| 5 | 758 | 12.62 | 25.2 | | 91.96 |
| 6 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |

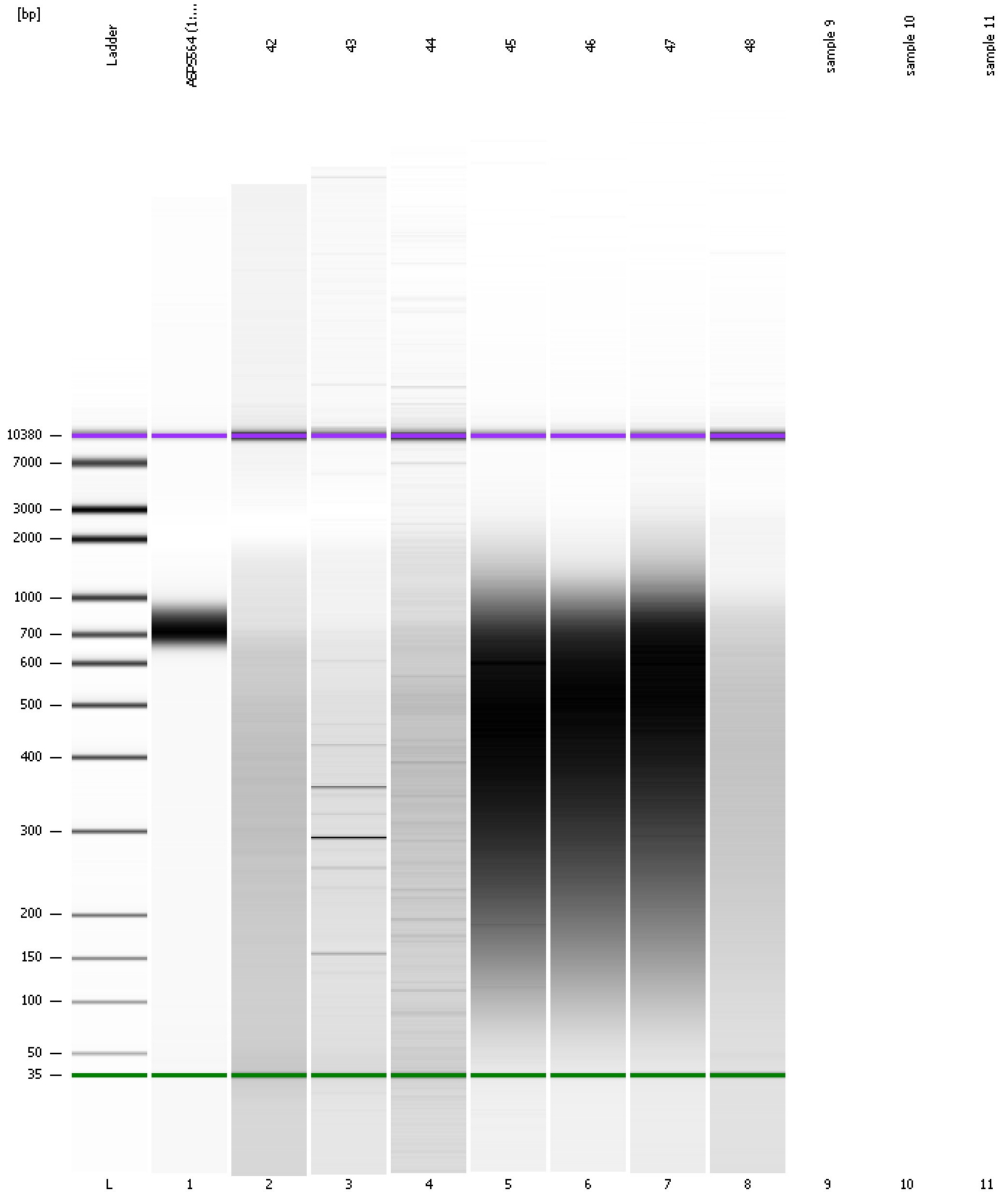
Region table for sample 8 : 48

| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Molarity [pmol/l] | Co Conc. lor [pg/μl] | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|-------------------|----------------------|------------|-----------------------------|
| 57 | 1,000 | 395 | 525.8 | 6,654.9 | 1,088.45 | 96 | 47.8 |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2016-05-17\2016-05-17_007.xad

Created: 5/17/2016 4:46:58 PM
Modified: 5/17/2016 5:19:53 PM

Gel Image



Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2016-05-17\2016-05-17_007.xad

Created: 5/17/2016 4:46:58 PM
Modified: 5/17/2016 5:19:53 PM

Invalid Samples

Sample 9 has not been run, no results available.

Sample 10 has not been run, no results available.

Sample 11 has not been run, no results available.

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-05-17\2016-05-17_007.xad

Created: 5/17/2016 4:46:58 PM
 Modified: 5/17/2016 5:19:53 PM

Run Logbook

| Description | Number | Source | Category | Sub Category | Time | Time Zone | User | Host |
|--|--------|------------|----------|--------------|----------------------|-------------------------------------|----------|----------|
| Run ended on port 1 (Number of wells acquired: 9) | | Instrument | Run | | 5/17/2016 5:19:36 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Run started on port 1 (File: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\data\2016-05-17\2016-05-17_007.xad) | | Instrument | Run | | 5/17/2016 4:46:58 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Product Number : G2938B | | Instrument | Run | | 5/17/2016 4:46:58 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Name : | | Instrument | Run | | 5/17/2016 4:46:58 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Vendor : Agilent Technologies | | Instrument | Run | | 5/17/2016 4:46:58 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Serial# : DE13701086 | | Instrument | Run | | 5/17/2016 4:46:58 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Firmware : C.01.069 | | Instrument | Run | | 5/17/2016 4:46:58 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Cartridge : Electrode | | Instrument | Run | | 5/17/2016 4:46:58 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |