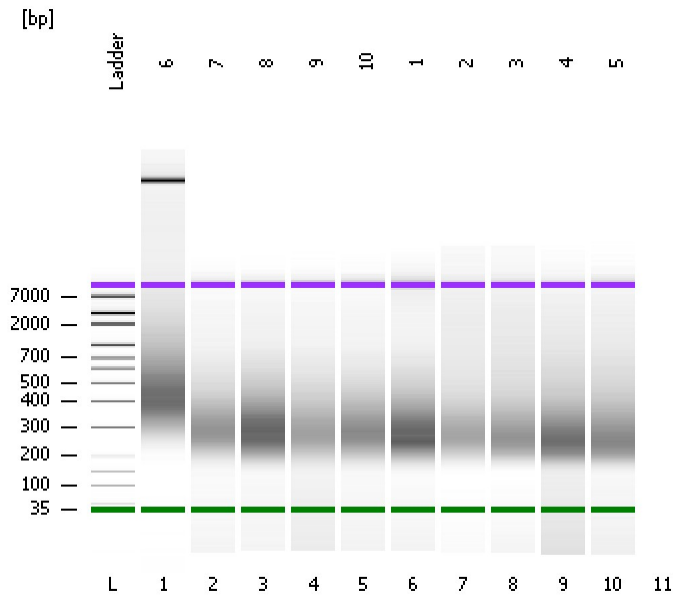


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-09\2017-05-09_002.xad

Created: 5/9/2017 2:02:52 PM
Modified: 5/9/2017 2:41:18 PM

Electrophoresis File Run Summary



Instrument Information:

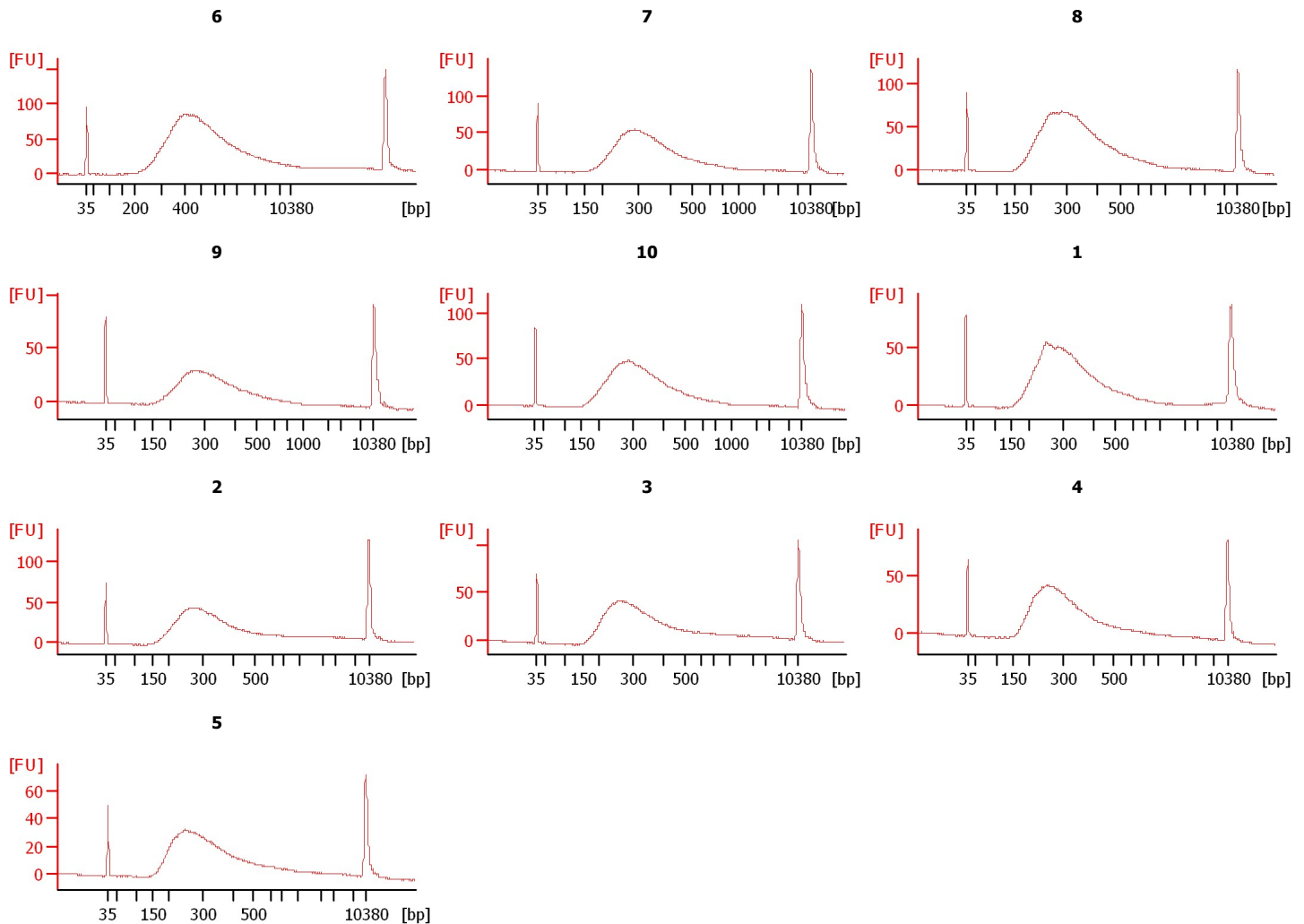
Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

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:



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-09\2017-05-09_002.xad

Created: 5/9/2017 2:02:52 PM
 Modified: 5/9/2017 2:41:18 PM

Electrophoresis File Run Summary (Chip Summary)

| Sample Name | Sample Comment | Rest. Digest | Status | Observation | Result Label | Result Color |
|-------------|----------------|--------------------------|--------|-------------|--------------|--------------|
| 6 | | <input type="checkbox"/> | ✓ | | | |
| 7 | | <input type="checkbox"/> | ✓ | | | |
| 8 | | <input type="checkbox"/> | ✓ | | | |
| 9 | | <input type="checkbox"/> | ✓ | | | |
| 10 | | <input type="checkbox"/> | ✓ | | | |
| 1 | | <input type="checkbox"/> | ✓ | | | |
| 2 | | <input type="checkbox"/> | ✓ | | | |
| 3 | | <input type="checkbox"/> | ✓ | | | |
| 4 | | <input type="checkbox"/> | ✓ | | | |
| 5 | | <input type="checkbox"/> | ✓ | | | |
| Ladder | | <input type="checkbox"/> | ✓ | | | |

Chip Lot #

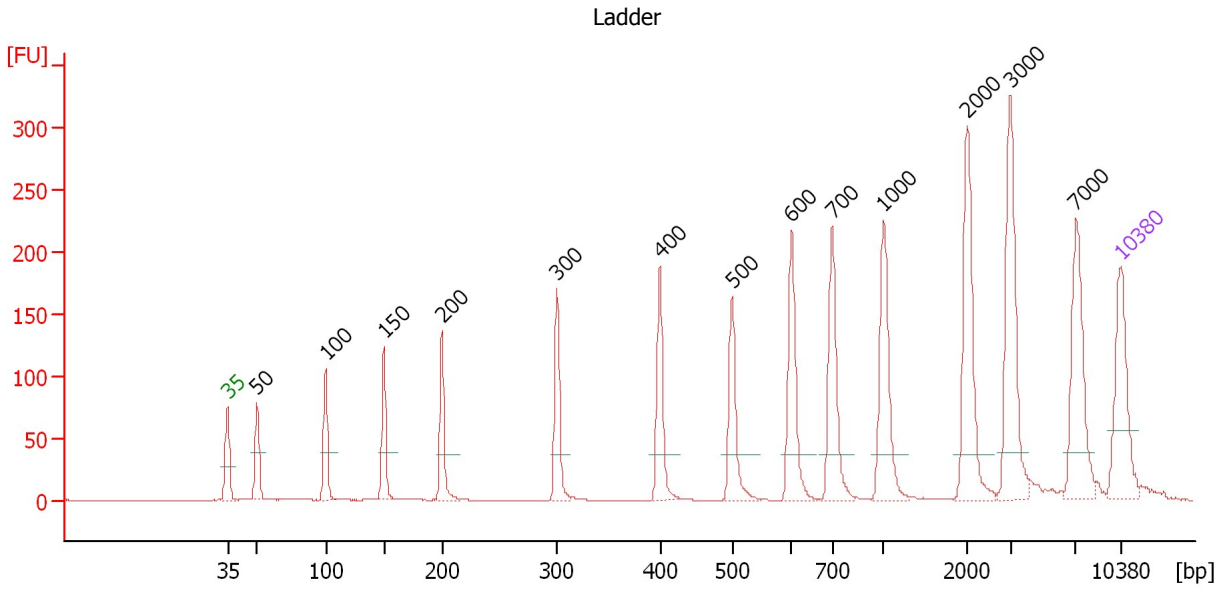
Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-09\2017-05-09_002.xad

Created: 5/9/2017 2:02:52 PM
 Modified: 5/9/2017 2:41:18 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.2

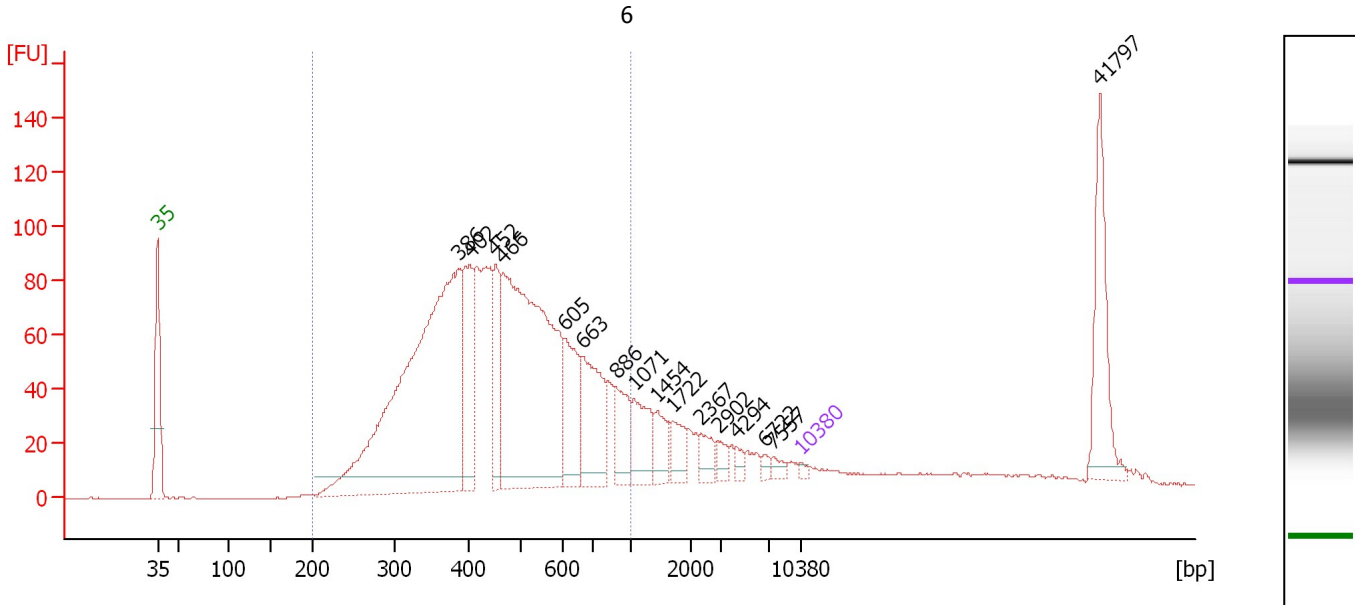
Peak table for Ladder

| 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 | 45.30 |
| 3 | 100 | 150.00 | 2,272.7 | Ladder Peak | 50.69 |
| 4 | 150 | 150.00 | 1,515.2 | Ladder Peak | 55.24 |
| 5 | 200 | 150.00 | 1,136.4 | Ladder Peak | 59.80 |
| 6 | 300 | 150.00 | 757.6 | Ladder Peak | 68.83 |
| 7 | 400 | 150.00 | 568.2 | Ladder Peak | 76.89 |
| 8 | 500 | 150.00 | 454.5 | Ladder Peak | 82.53 |
| 9 | 600 | 150.00 | 378.8 | Ladder Peak | 87.21 |
| 10 | 700 | 150.00 | 324.7 | Ladder Peak | 90.39 |
| 11 | 1,000 | 150.00 | 227.3 | Ladder Peak | 94.44 |
| 12 | 2,000 | 150.00 | 113.6 | Ladder Peak | 100.96 |
| 13 | 3,000 | 150.00 | 75.8 | Ladder Peak | 104.35 |
| 14 | 7,000 | 150.00 | 32.5 | Ladder Peak | 109.49 |
| 15 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-09\2017-05-09_002.xad

Created: 5/9/2017 2:02:52 PM
 Modified: 5/9/2017 2:41:18 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : 6

Number of peaks found: 16 Corr. Area 1: 1,807.3
 Noise: 0.2

Peak table for sample 1 : 6

| 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 | 386 | 15,448.95 | 60,659.3 | | 75.75 |
| 3 | 402 | 2,665.09 | 10,046.4 | | 77.00 |
| 4 | 452 | 1,786.61 | 5,992.9 | | 79.81 |
| 5 | 466 | 11,421.58 | 37,130.1 | | 80.62 |
| 6 | 605 | 2,107.61 | 5,282.5 | | 87.36 |
| 7 | 663 | 2,493.38 | 5,694.3 | | 89.23 |
| 8 | 886 | 1,231.96 | 2,105.6 | | 92.91 |
| 9 | 1,071 | 1,230.26 | 1,740.5 | | 94.91 |
| 10 | 1,454 | 701.19 | 730.8 | | 97.40 |
| 11 | 1,722 | 603.85 | 531.4 | | 99.15 |
| 12 | 2,367 | 436.07 | 279.1 | | 102.21 |
| 13 | 2,902 | 246.73 | 128.8 | | 104.02 |
| 14 | 4,294 | 190.97 | 67.4 | | 106.01 |
| 15 | 6,722 | 134.80 | 30.4 | | 109.13 |
| 16 | 7,557 | 166.76 | 33.4 | | 110.07 |
| 17 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |
| 18 | 41,797 | 0.00 | 0.0 | | 145.63 |

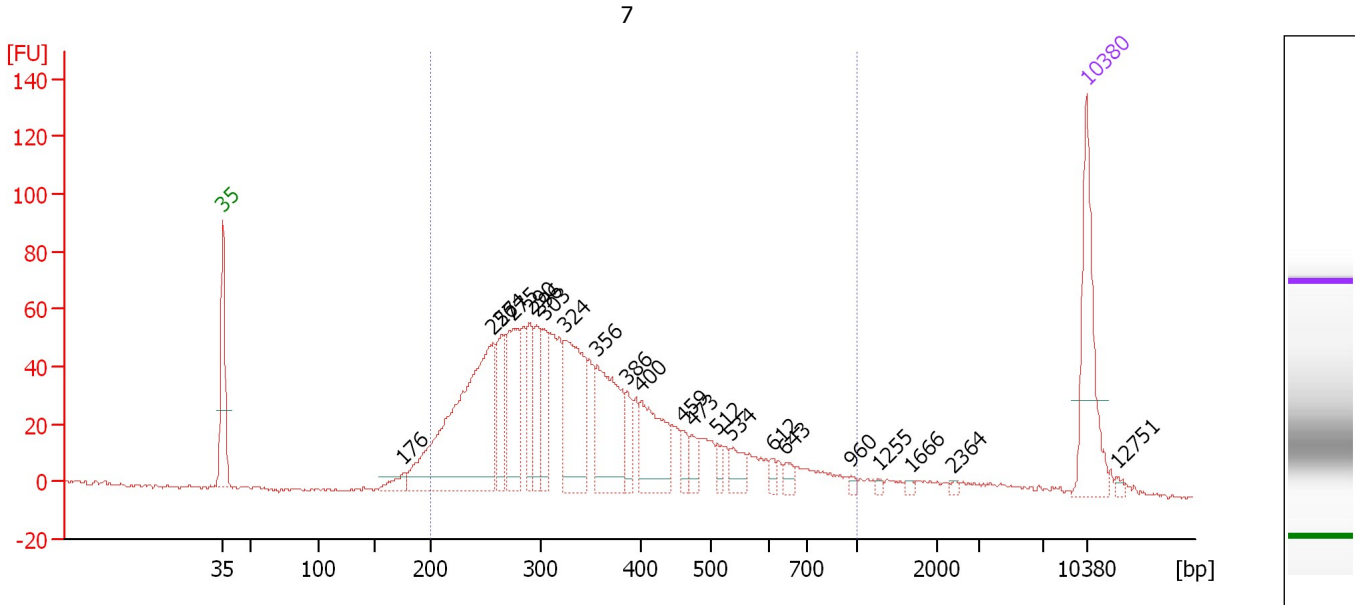
Region table for sample 1 : 6

| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Molarity [pmol/l] | Co Conc. [pg/μl] | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|-------------------|------------------|------------|-----------------------------|
| 200 | 1,000 | 482 | 1,807.3 | 156,483.3 | 43,751.66 | 77 | 32.7 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-09\2017-05-09_002.xad

Created: 5/9/2017 2:02:52 PM
 Modified: 5/9/2017 2:41:18 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : 7

Number of peaks found: 22 Corr. Area 1: 1,407.2
 Noise: 0.6

Peak table for sample 2 : 7

| 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 | 176 | 13.87 | 119.4 | | 57.60 |
| 3 | 257 | 304.00 | 1,791.8 | | 64.95 |
| 4 | 264 | 59.09 | 338.8 | | 65.60 |
| 5 | 275 | 88.89 | 490.2 | | 66.55 |
| 6 | 290 | 49.40 | 258.5 | | 67.89 |
| 7 | 296 | 48.26 | 247.2 | | 68.45 |
| 8 | 303 | 49.68 | 248.5 | | 69.06 |
| 9 | 324 | 126.93 | 593.1 | | 70.78 |
| 10 | 356 | 115.09 | 490.0 | | 73.33 |
| 11 | 386 | 24.62 | 96.7 | | 75.75 |
| 12 | 400 | 76.75 | 290.4 | | 76.92 |
| 13 | 459 | 15.19 | 50.1 | | 80.25 |
| 14 | 473 | 14.79 | 47.4 | | 81.02 |
| 15 | 512 | 9.34 | 27.6 | | 83.10 |
| 16 | 534 | 19.37 | 54.9 | | 84.14 |
| 17 | 612 | 6.64 | 16.4 | | 87.59 |
| 18 | 643 | 8.17 | 19.2 | | 88.59 |
| 19 | 960 | 3.36 | 5.3 | | 93.90 |
| 20 | 1,255 | 2.28 | 2.8 | | 96.10 |
| 21 | 1,666 | 2.53 | 2.3 | | 98.78 |
| 22 | 2,364 | 2.16 | 1.4 | | 102.20 |
| 23 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |
| 24 | 12,751 | 0.00 | 0.0 | | 115.46 |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-09\2017-05-09_002.xad

Created: 5/9/2017 2:02:52 PM
Modified: 5/9/2017 2:41:18 PM

Electropherogram Summary Continued ...

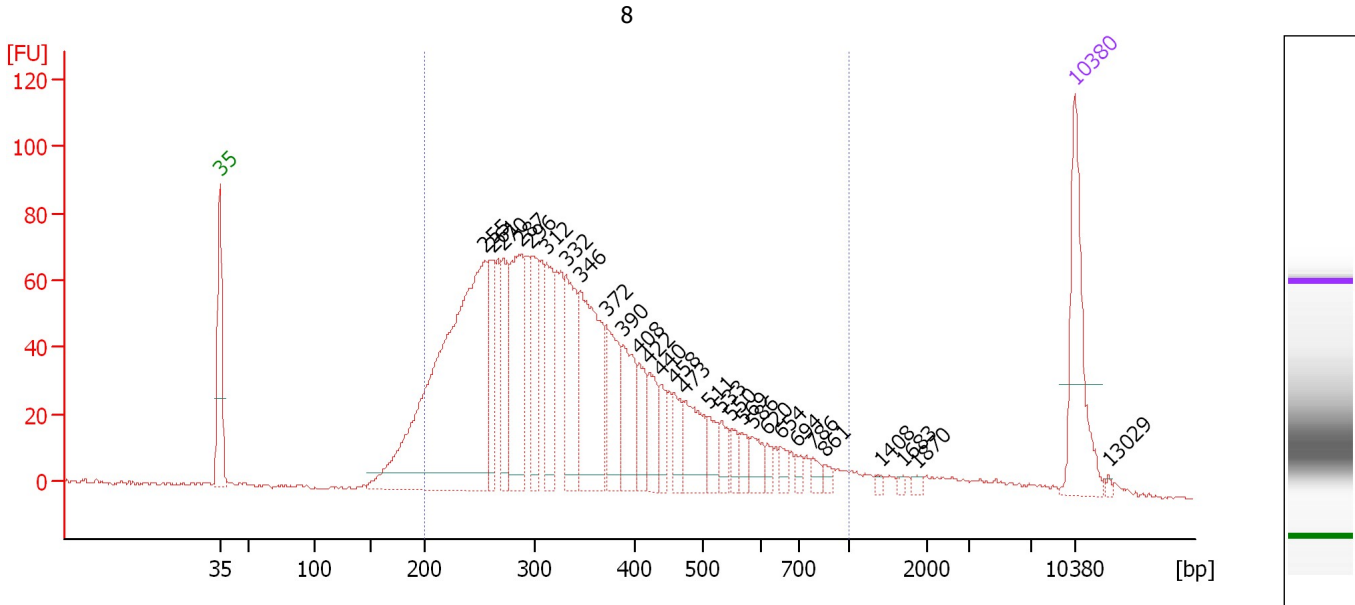
... Region table for sample 2 : Z

| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Molarity [pmol/l] | Co Conc. lor [pg/μl] | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|-------------------|----------------------|------------|-----------------------------|
| 200 | 1,000 | 360 | 1,407.2 | 6,003.9 | 1,251.93 | 92 | 36.0 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-09\2017-05-09_002.xad

Created: 5/9/2017 2:02:52 PM
 Modified: 5/9/2017 2:41:18 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : 8

Number of peaks found: 29 Corr. Area 1: 1,886.1
 Noise: 0.6

Peak table for sample 3 : 8

| 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 | 255 | 529.84 | 3,150.7 | | 64.75 |
| 3 | 261 | 63.03 | 365.8 | | 65.31 |
| 4 | 270 | 71.02 | 398.1 | | 66.14 |
| 5 | 287 | 129.03 | 681.8 | | 67.63 |
| 6 | 296 | 81.29 | 416.2 | | 68.46 |
| 7 | 312 | 70.75 | 343.9 | | 69.77 |
| 8 | 332 | 95.31 | 435.3 | | 71.38 |
| 9 | 346 | 152.99 | 670.4 | | 72.52 |
| 10 | 372 | 67.67 | 275.4 | | 74.66 |
| 11 | 390 | 64.65 | 251.4 | | 76.06 |
| 12 | 408 | 35.45 | 131.8 | | 77.32 |
| 13 | 422 | 35.52 | 127.7 | | 78.11 |
| 14 | 440 | 20.03 | 68.9 | | 79.16 |
| 15 | 458 | 24.50 | 81.1 | | 80.16 |
| 16 | 473 | 51.91 | 166.4 | | 80.99 |
| 17 | 511 | 19.92 | 59.1 | | 83.04 |
| 18 | 533 | 18.75 | 53.3 | | 84.09 |
| 19 | 550 | 13.59 | 37.4 | | 84.88 |
| 20 | 569 | 13.12 | 35.0 | | 85.75 |
| 21 | 586 | 18.59 | 48.0 | | 86.58 |
| 22 | 620 | 7.97 | 19.5 | | 87.85 |
| 23 | 654 | 10.16 | 23.5 | | 88.94 |
| 24 | 694 | 6.77 | 14.8 | | 90.21 |
| 25 | 786 | 8.54 | 16.4 | | 91.56 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-09\2017-05-09_002.xad

Created: 5/9/2017 2:02:52 PM
 Modified: 5/9/2017 2:41:18 PM

Electropherogram Summary Continued ...

... Peak table for sample 3 : 8

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 26 | 861 | 6.20 | 10.9 | | 92.56 |
| 27 | 1,408 | 2.72 | 2.9 | | 97.10 |
| 28 | 1,683 | 2.33 | 2.1 | | 98.90 |
| 29 | 1,870 | 3.53 | 2.9 | | 100.12 |
| 30 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |
| 31 | 13,029 | 0.00 | 0.0 | | 115.75 |

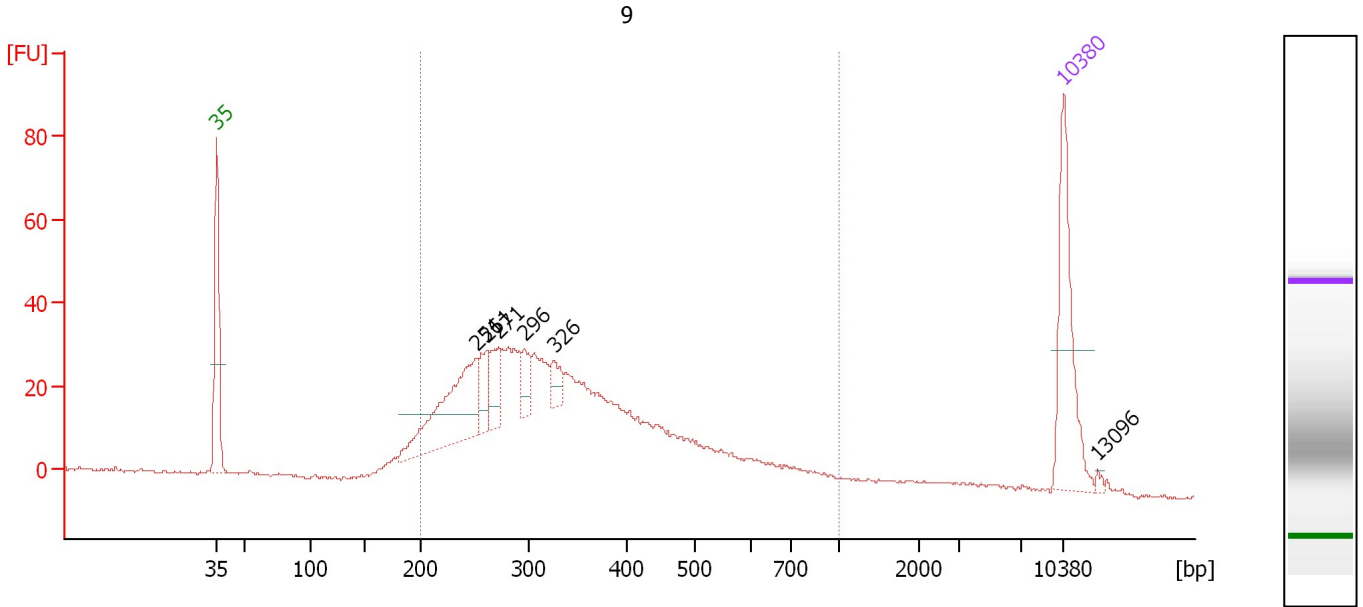
Region table for sample 3 : 8

| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Molarity [pmol/l] | Co Conc. lor [pg/μl] | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|-------------------|----------------------|------------|-----------------------------|
| 200 | 1,000 | 357 | 1,886.1 | 8,713.6 | 1,792.24 | 91 | 36.5 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-09\2017-05-09_002.xad

Created: 5/9/2017 2:02:52 PM
 Modified: 5/9/2017 2:41:18 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : 9

Number of peaks found: 6 Corr. Area 1: 830.3
 Noise: 0.4

Peak table for sample 4 : 9

| 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 | 251 | 131.92 | 795.7 | | 64.42 |
| 3 | 261 | 33.42 | 194.0 | | 65.30 |
| 4 | 271 | 35.50 | 198.3 | | 66.23 |
| 5 | 296 | 22.86 | 117.2 | | 68.43 |
| 6 | 326 | 16.60 | 77.2 | | 70.90 |
| 7 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |
| 8 | 13,096 | 0.00 | 0.0 | | 115.82 |

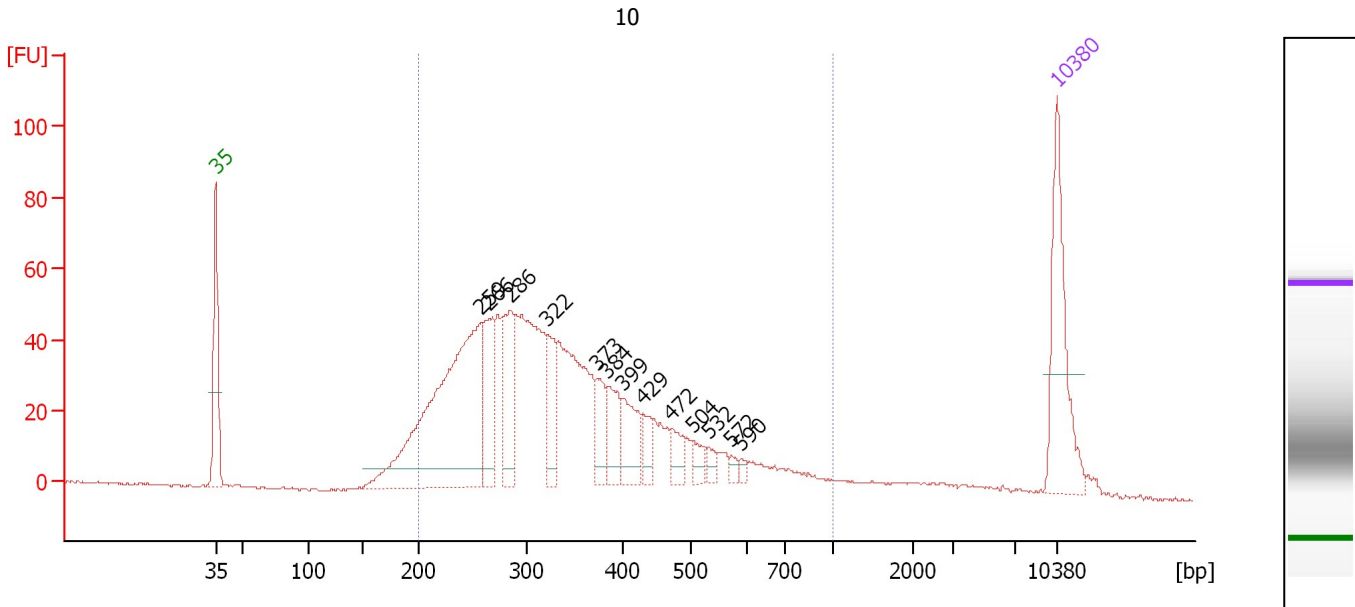
Region table for sample 4 : 9

| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Molarity [pmol/l] | Co Conc. lor [pg/μl] | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|-------------------|----------------------|------------|-----------------------------|
| 200 | 1,000 | 358 | 830.3 | 4,517.6 | 931.66 | 91 | 36.6 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-09\2017-05-09_002.xad

Created: 5/9/2017 2:02:52 PM
 Modified: 5/9/2017 2:41:18 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : 10

Number of peaks found: 13 Corr. Area 1: 1,258.7
 Noise: 0.3

Peak table for sample 5 : 10

| 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 | 259 | 340.10 | 1,991.4 | | 65.11 |
| 3 | 266 | 71.84 | 409.7 | | 65.73 |
| 4 | 286 | 70.56 | 374.1 | | 67.55 |
| 5 | 322 | 45.41 | 213.6 | | 70.61 |
| 6 | 373 | 34.44 | 140.0 | | 74.69 |
| 7 | 384 | 35.99 | 141.9 | | 75.63 |
| 8 | 399 | 41.30 | 156.8 | | 76.82 |
| 9 | 429 | 19.01 | 67.1 | | 78.55 |
| 10 | 472 | 18.30 | 58.8 | | 80.95 |
| 11 | 504 | 12.84 | 38.6 | | 82.73 |
| 12 | 532 | 7.64 | 21.8 | | 84.01 |
| 13 | 572 | 5.42 | 14.3 | | 85.92 |
| 14 | 590 | 3.96 | 10.2 | | 86.77 |
| 15 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |

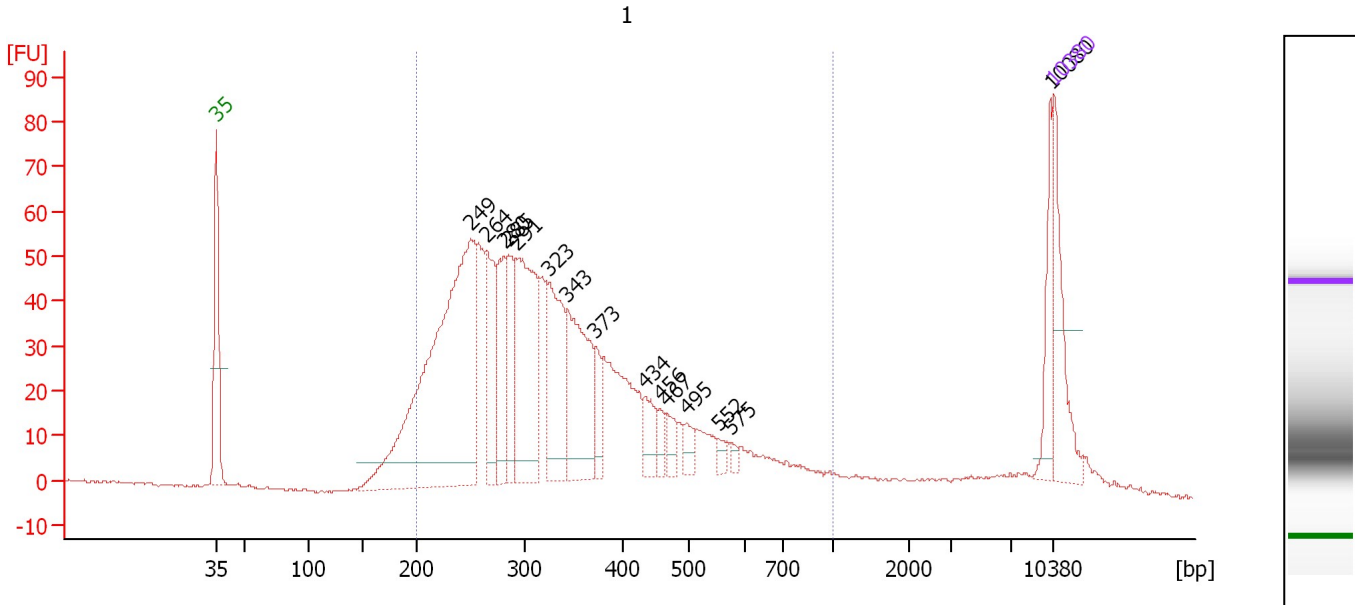
Region table for sample 5 : 10

| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Molarity [pmol/l] | Co Conc. lor [pg/μl] | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|-------------------|----------------------|------------|-----------------------------|
| 200 | 1,000 | 355 | 1,258.7 | 5,735.0 | 1,177.32 | 91 | 36.3 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-09\2017-05-09_002.xad

Created: 5/9/2017 2:02:52 PM
 Modified: 5/9/2017 2:41:18 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : 1

Number of peaks found: 15 Corr. Area 1: 1,331.6
 Noise: 0.3

Peak table for sample 6 : 1

| 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 | 249 | 653.72 | 3,972.4 | | 64.25 |
| 3 | 264 | 111.22 | 637.9 | | 65.59 |
| 4 | 280 | 95.14 | 514.9 | | 67.02 |
| 5 | 285 | 78.43 | 417.2 | | 67.46 |
| 6 | 291 | 235.83 | 1,226.7 | | 68.04 |
| 7 | 323 | 145.24 | 680.4 | | 70.71 |
| 8 | 343 | 171.04 | 754.9 | | 72.32 |
| 9 | 373 | 33.17 | 134.9 | | 74.68 |
| 10 | 434 | 35.79 | 124.9 | | 78.82 |
| 11 | 456 | 16.65 | 55.3 | | 80.07 |
| 12 | 467 | 22.07 | 71.6 | | 80.65 |
| 13 | 495 | 19.06 | 58.3 | | 82.26 |
| 14 | 552 | 11.29 | 31.0 | | 84.97 |
| 15 | 575 | 6.21 | 16.4 | | 86.04 |
| 16 | 10,080 | 44.92 | 6.8 | | 112.69 |
| 17 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |

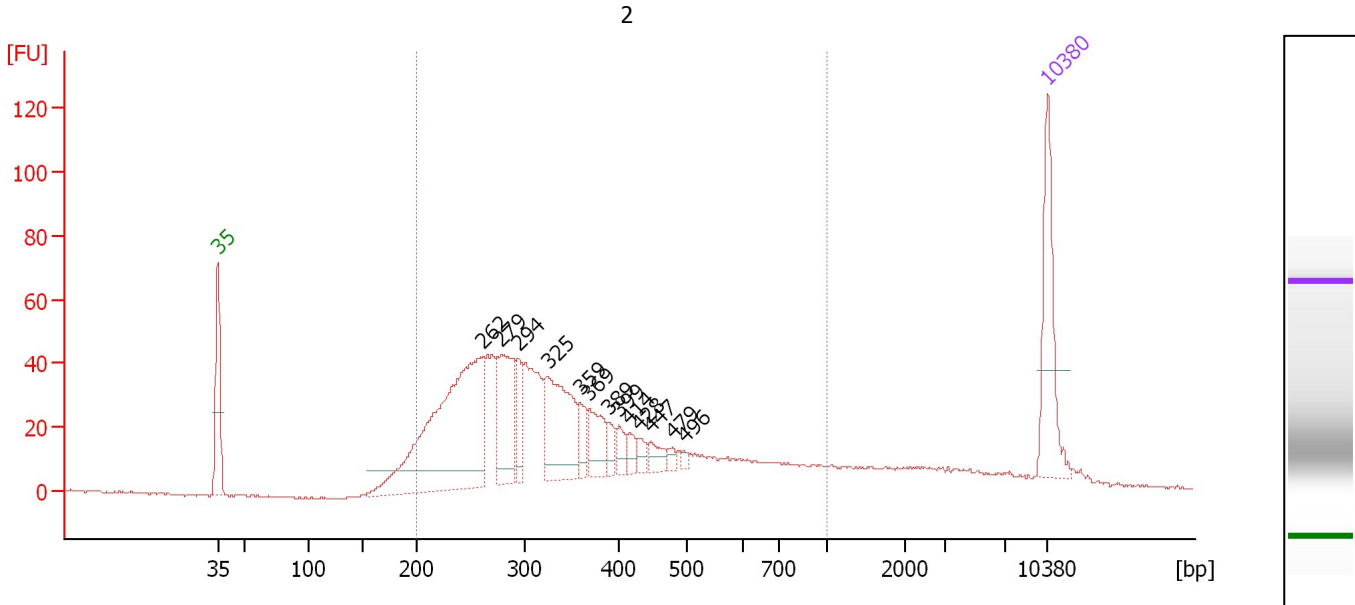
Region table for sample 6 : 1

| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Molarity [pmol/l] | Co Conc. [pg/μl] | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|-------------------|------------------|------------|-----------------------------|
| 200 | 1,000 | 347 | 1,331.6 | 10,434.7 | 2,097.91 | 87 | 36.4 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-09\2017-05-09_002.xad

Created: 5/9/2017 2:02:52 PM
 Modified: 5/9/2017 2:41:18 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : 2

Number of peaks found: 13 Corr. Area 1: 1,054.7
 Noise: 0.3

Peak table for sample 7 : 2

| 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 | 262 | 377.79 | 2,184.1 | | 65.40 |
| 3 | 279 | 114.66 | 622.6 | | 66.93 |
| 4 | 294 | 38.37 | 197.4 | | 68.33 |
| 5 | 325 | 131.32 | 612.1 | | 70.85 |
| 6 | 359 | 25.28 | 106.7 | | 73.59 |
| 7 | 369 | 44.63 | 183.5 | | 74.36 |
| 8 | 389 | 14.59 | 56.9 | | 75.98 |
| 9 | 399 | 16.05 | 60.9 | | 76.83 |
| 10 | 414 | 12.18 | 44.6 | | 77.69 |
| 11 | 428 | 11.26 | 39.9 | | 78.45 |
| 12 | 447 | 15.16 | 51.4 | | 79.53 |
| 13 | 479 | 7.06 | 22.3 | | 81.33 |
| 14 | 496 | 3.97 | 12.1 | | 82.32 |
| 15 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |

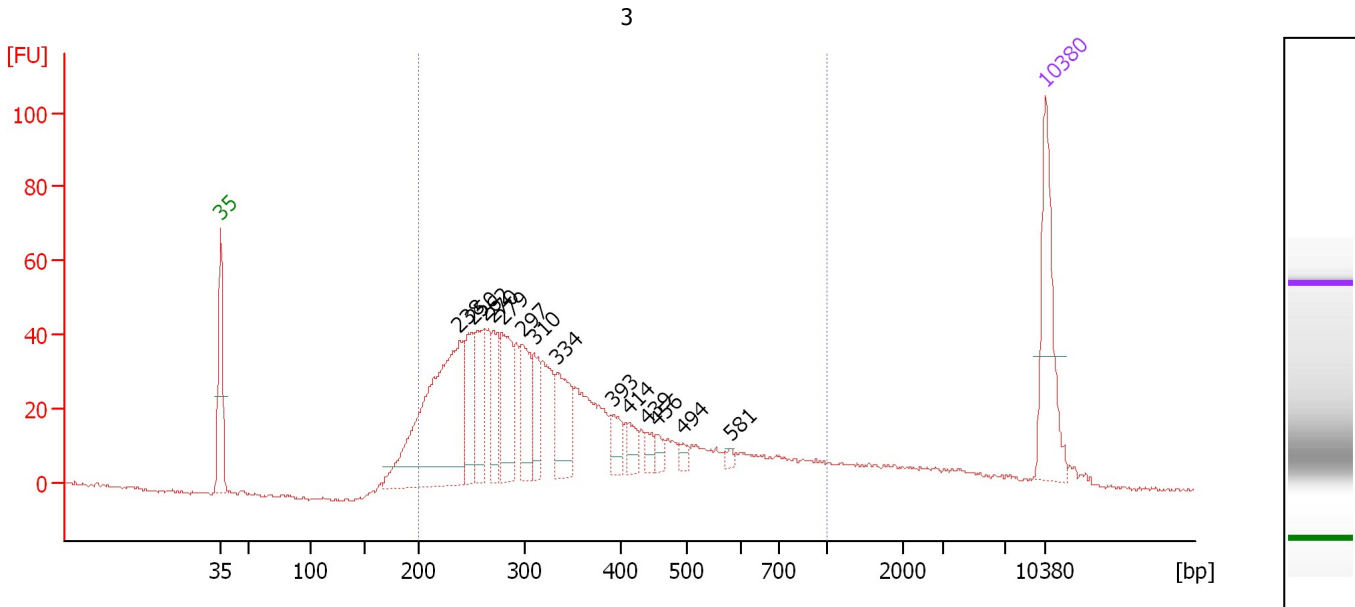
Region table for sample 7 : 2

| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Molarity [pmol/l] | Co Conc. lor [pg/μl] | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|-------------------|----------------------|------------|-----------------------------|
| 200 | 1,000 | 363 | 1,054.7 | 5,706.9 | 1,168.95 | 87 | 40.8 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-09\2017-05-09_002.xad

Created: 5/9/2017 2:02:52 PM
 Modified: 5/9/2017 2:41:18 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : 3

Number of peaks found: 14 Corr. Area 1: 1,033.1
 Noise: 0.5

Peak table for sample 8 : 3

| 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 | 238 | 295.39 | 1,876.9 | | 63.27 |
| 3 | 250 | 66.69 | 404.2 | | 64.31 |
| 4 | 262 | 69.92 | 404.3 | | 65.40 |
| 5 | 270 | 47.00 | 263.7 | | 66.12 |
| 6 | 279 | 82.23 | 447.3 | | 66.89 |
| 7 | 297 | 60.47 | 308.4 | | 68.57 |
| 8 | 310 | 37.43 | 183.2 | | 69.61 |
| 9 | 334 | 60.89 | 276.4 | | 71.55 |
| 10 | 393 | 21.71 | 83.6 | | 76.35 |
| 11 | 414 | 17.89 | 65.5 | | 77.66 |
| 12 | 439 | 11.16 | 38.5 | | 79.11 |
| 13 | 456 | 10.39 | 34.5 | | 80.06 |
| 14 | 494 | 7.06 | 21.7 | | 82.19 |
| 15 | 581 | 4.45 | 11.6 | | 86.30 |
| 16 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |

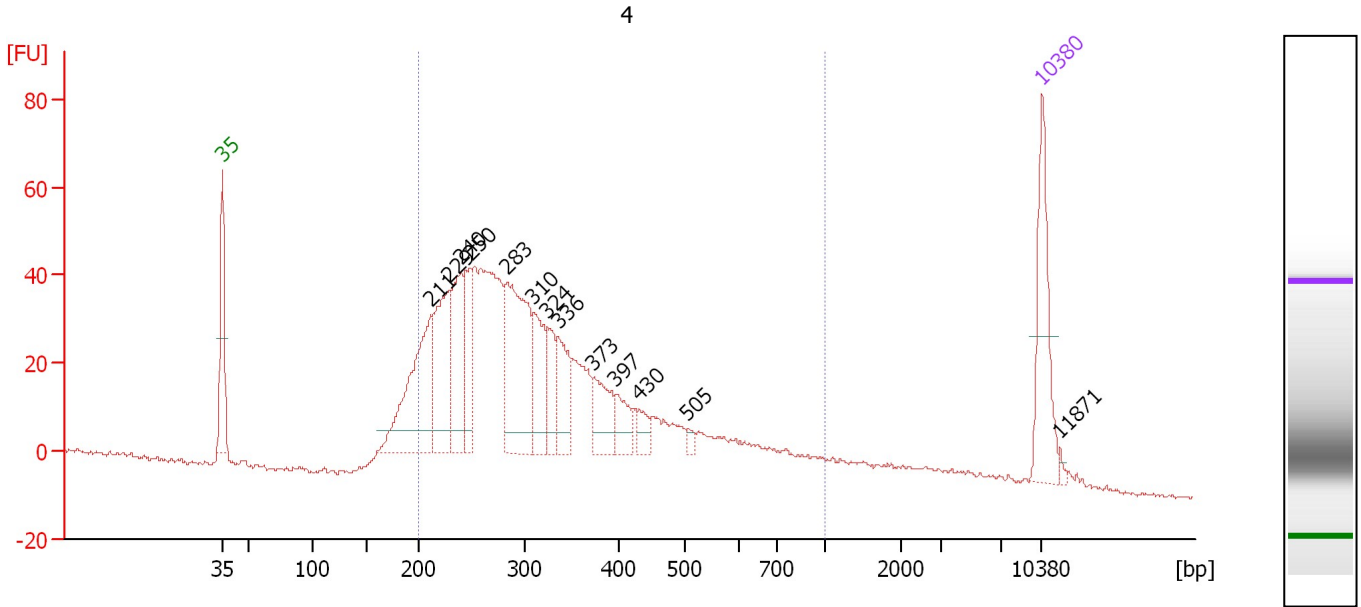
Region table for sample 8 : 3

| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Molarity [pmol/l] | Co Conc. lor [pg/μl] | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|-------------------|----------------------|------------|-----------------------------|
| 200 | 1,000 | 358 | 1,033.1 | 5,852.6 | 1,178.84 | 88 | 41.2 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-09\2017-05-09_002.xad

Created: 5/9/2017 2:02:52 PM
 Modified: 5/9/2017 2:41:18 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : 4

Number of peaks found: 13 Corr. Area 1: 1,074.2
 Noise: 0.5

Peak table for sample 9 : 4

| 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 | 211 | 186.73 | 1,343.1 | | 60.76 |
| 3 | 229 | 123.93 | 820.6 | | 62.40 |
| 4 | 240 | 110.74 | 699.4 | | 63.40 |
| 5 | 250 | 68.27 | 414.6 | | 64.27 |
| 6 | 283 | 188.89 | 1,010.2 | | 67.32 |
| 7 | 310 | 74.64 | 365.3 | | 69.60 |
| 8 | 324 | 43.19 | 201.8 | | 70.78 |
| 9 | 336 | 60.70 | 274.1 | | 71.69 |
| 10 | 373 | 53.34 | 216.8 | | 74.70 |
| 11 | 397 | 29.52 | 112.8 | | 76.61 |
| 12 | 430 | 16.88 | 59.5 | | 78.57 |
| 13 | 505 | 6.91 | 20.7 | | 82.76 |
| 14 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |
| 15 | 11,871 | 0.00 | 0.0 | | 114.55 |

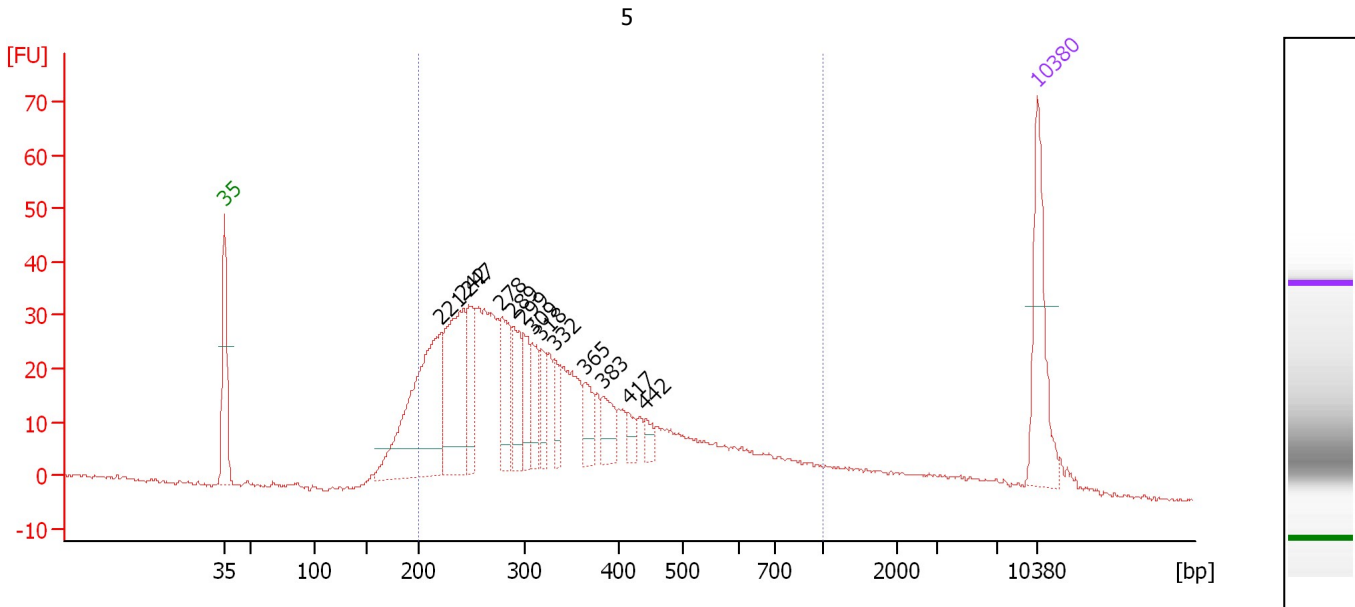
Region table for sample 9 : 4

| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Molarity [pmol/l] | Co Conc. lor [pg/μl] | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|-------------------|----------------------|------------|-----------------------------|
| 200 | 1,000 | 347 | 1,074.2 | 7,843.3 | 1,543.23 | 87 | 40.3 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-09\2017-05-09_002.xad

Created: 5/9/2017 2:02:52 PM
 Modified: 5/9/2017 2:41:18 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : 5

Number of peaks found: 13 Corr. Area 1: 833.7
 Noise: 0.3

Peak table for sample 10 : 5

| 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 | 221 | 246.01 | 1,687.8 | | 61.68 |
| 3 | 242 | 159.93 | 1,002.6 | | 63.56 |
| 4 | 247 | 66.66 | 408.4 | | 64.07 |
| 5 | 278 | 68.75 | 374.3 | | 66.87 |
| 6 | 289 | 53.52 | 280.6 | | 67.83 |
| 7 | 299 | 41.21 | 208.7 | | 68.75 |
| 8 | 309 | 37.52 | 184.1 | | 69.53 |
| 9 | 318 | 30.29 | 144.1 | | 70.31 |
| 10 | 332 | 28.13 | 128.3 | | 71.41 |
| 11 | 365 | 29.28 | 121.5 | | 74.08 |
| 12 | 383 | 30.93 | 122.3 | | 75.54 |
| 13 | 417 | 12.91 | 46.9 | | 77.84 |
| 14 | 442 | 12.24 | 42.0 | | 79.26 |
| 15 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |

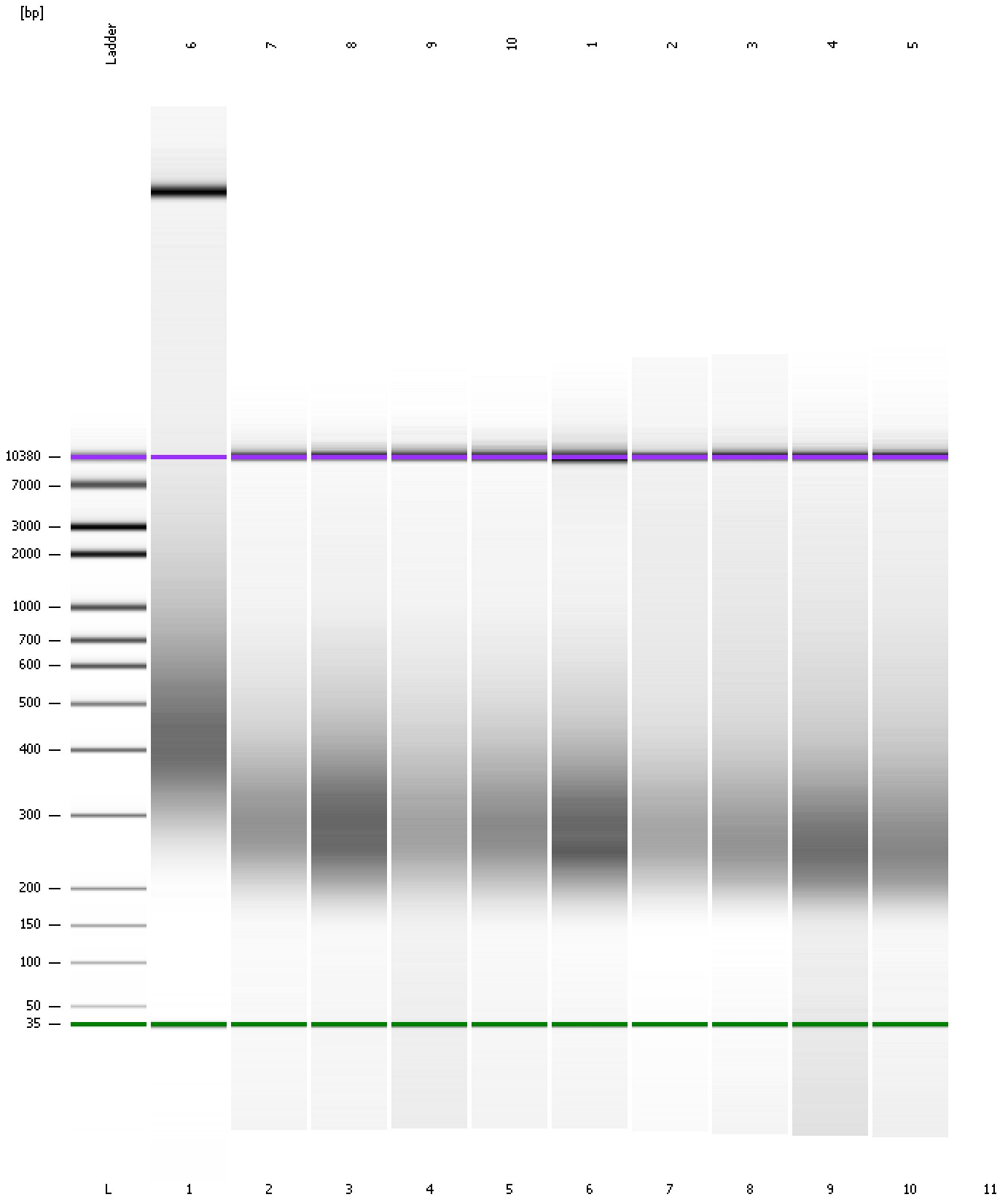
Region table for sample 10 : 5

| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Molarity [pmol/l] | Co Conc. lor [pg/μl] | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|-------------------|----------------------|------------|-----------------------------|
| 200 | 1,000 | 358 | 833.7 | 6,806.9 | 1,363.03 | 86 | 41.1 |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-09\2017-05-09_002.xad

Created: 5/9/2017 2:02:52 PM
Modified: 5/9/2017 2:41:18 PM

Gel Image



Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-09\2017-05-09_002.xad

Created: 5/9/2017 2:02:52 PM
Modified: 5/9/2017 2:41:18 PM

Invalid Samples

Sample 11 has not been run, no results available.