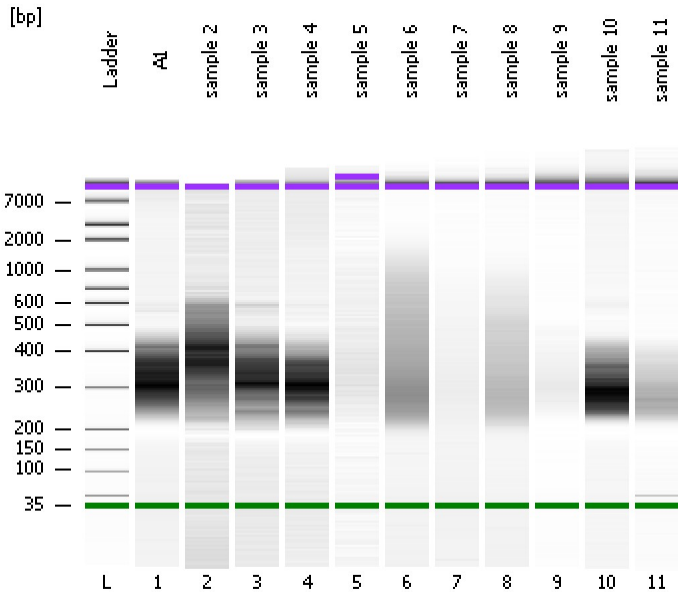


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-10-24\2013-10-24_004.xad

Created: 10/24/2013 12:32:27 PM
Modified: 10/24/2013 1:19:06 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

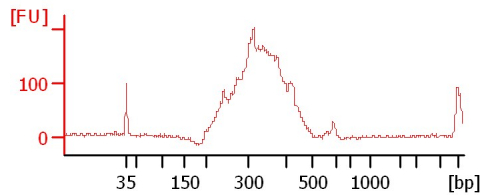
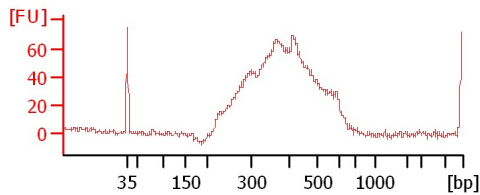
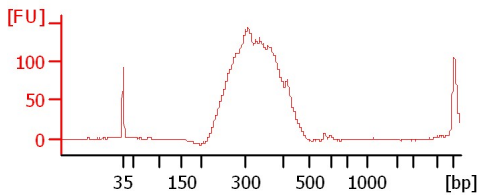
Chip Information:

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

A1

sample 2

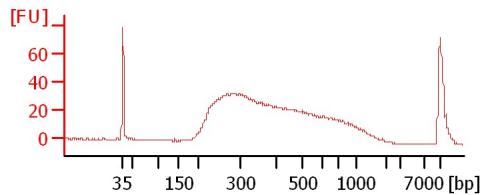
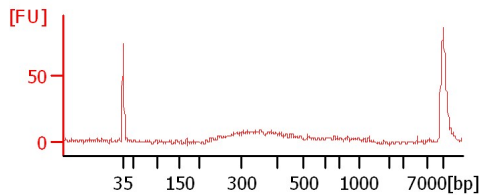
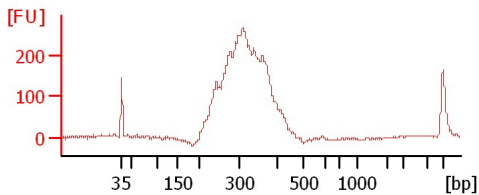
sample 3



sample 4

sample 5

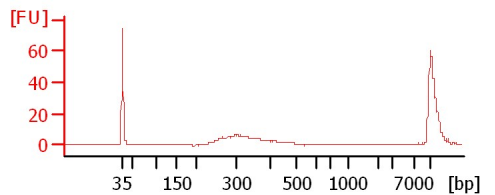
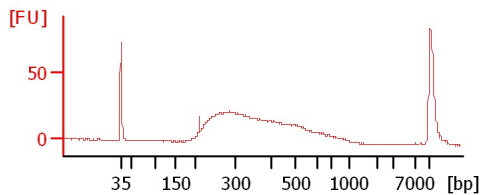
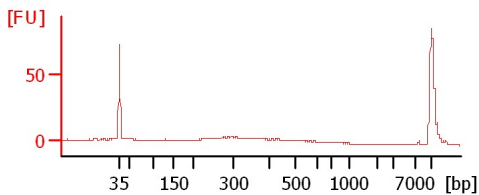
sample 6



sample 7

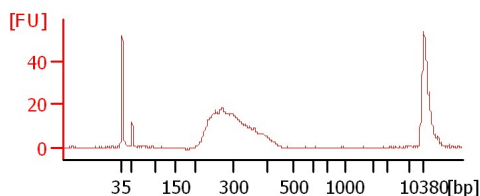
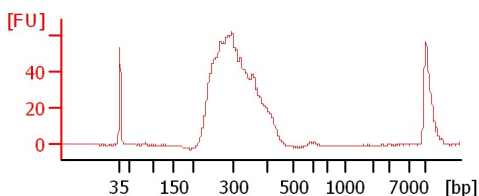
sample 8

sample 9



sample 10

sample 11



Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-10-24\2013-10-24_004.xad

Created: 10/24/2013 12:32:27 PM
Modified: 10/24/2013 1:19:06 PM

Electrophoresis File Run Summary (Chip Summary)

| Sample Name | Sample Comment | Rest. Digest | Status | Observation | Result Label | Result Color |
|-------------|----------------|--------------------------|--------|-------------|--------------|--------------|
| A1 | | <input type="checkbox"/> | ✓ | | | |
| sample 2 | | <input type="checkbox"/> | ✓ | | | |
| sample 3 | | <input type="checkbox"/> | ✓ | | | |
| sample 4 | | <input type="checkbox"/> | ✓ | | | |
| sample 5 | | <input type="checkbox"/> | ✓ | | | |
| sample 6 | | <input type="checkbox"/> | ✓ | | | |
| sample 7 | | <input type="checkbox"/> | ✓ | | | |
| sample 8 | | <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:\...ents and Settings\Bioanalyzer\2013-10-24\2013-10-24_004.xad

Created: 10/24/2013 12:32:27 PM
Modified: 10/24/2013 1:19:06 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

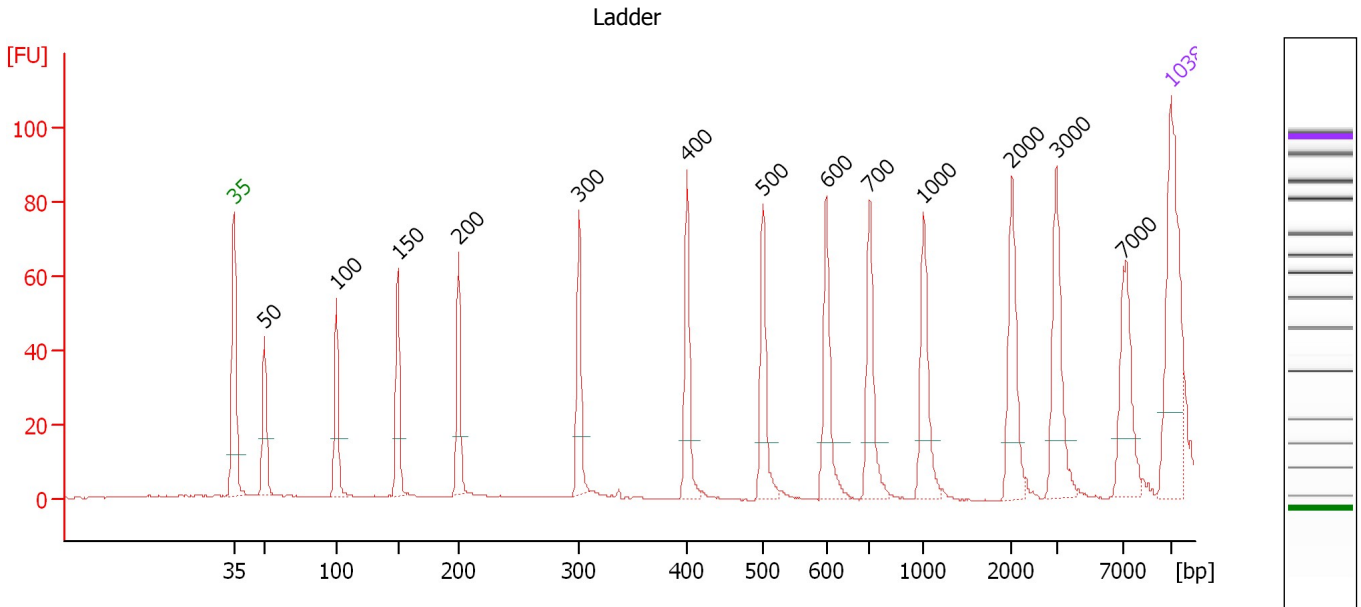
Ladder

| 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:\...ents and Settings\Bioanalyzer\2013-10-24\2013-10-24_004.xad

Created: 10/24/2013 12:32:27 PM
 Modified: 10/24/2013 1:19:06 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.1

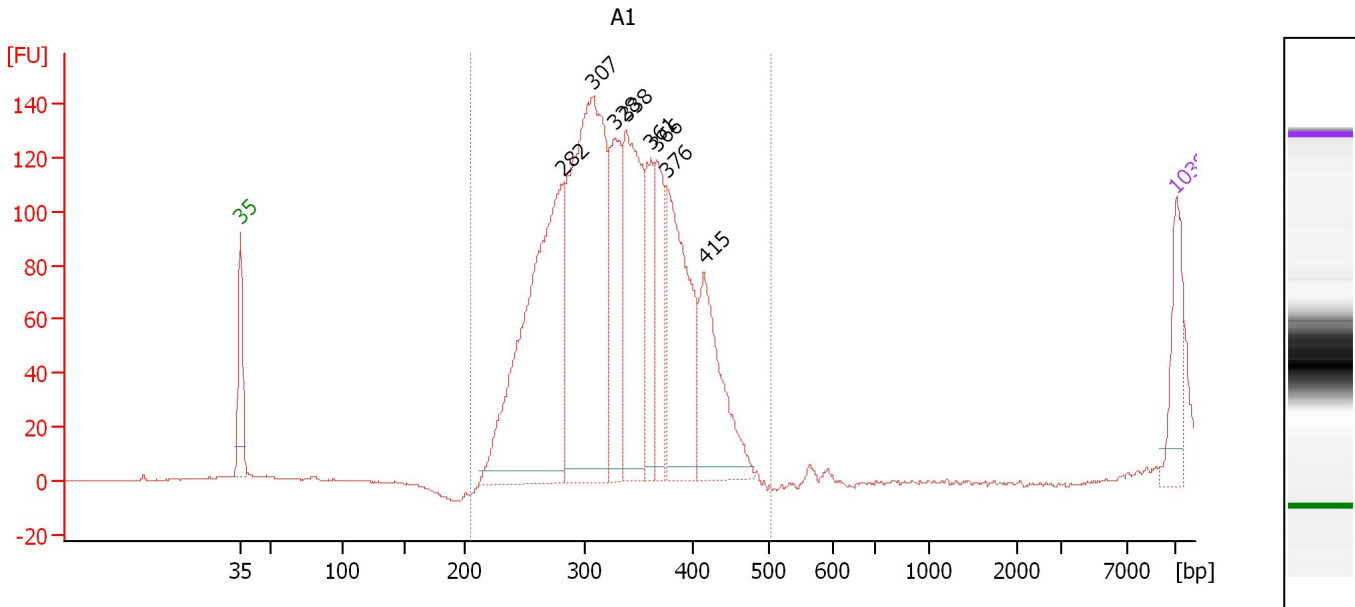
Peak table for Ladder

| 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: C:\...ents and Settings\Bioanalyzer\2013-10-24\2013-10-24_004.xad

Created: 10/24/2013 12:32:27 PM
 Modified: 10/24/2013 1:19:06 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : A1

Number of peaks found: 8 Corr. Area 1: 1,889.0
 Noise: 0.2

Peak table for sample 1 : A1

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 282 | 803.28 | 4,320.2 | |
| 3 | 307 | 872.41 | 4,308.8 | |
| 4 | 328 | 264.63 | 1,222.5 | |
| 5 | 338 | 383.80 | 1,721.2 | |
| 6 | 361 | 143.84 | 603.7 | |
| 7 | 366 | 171.98 | 711.1 | |
| 8 | 376 | 358.44 | 1,445.1 | |
| 9 | 415 | 252.72 | 923.2 | |
| 10 | 10,380 | 75.00 | 10.9 | Upper Marker |

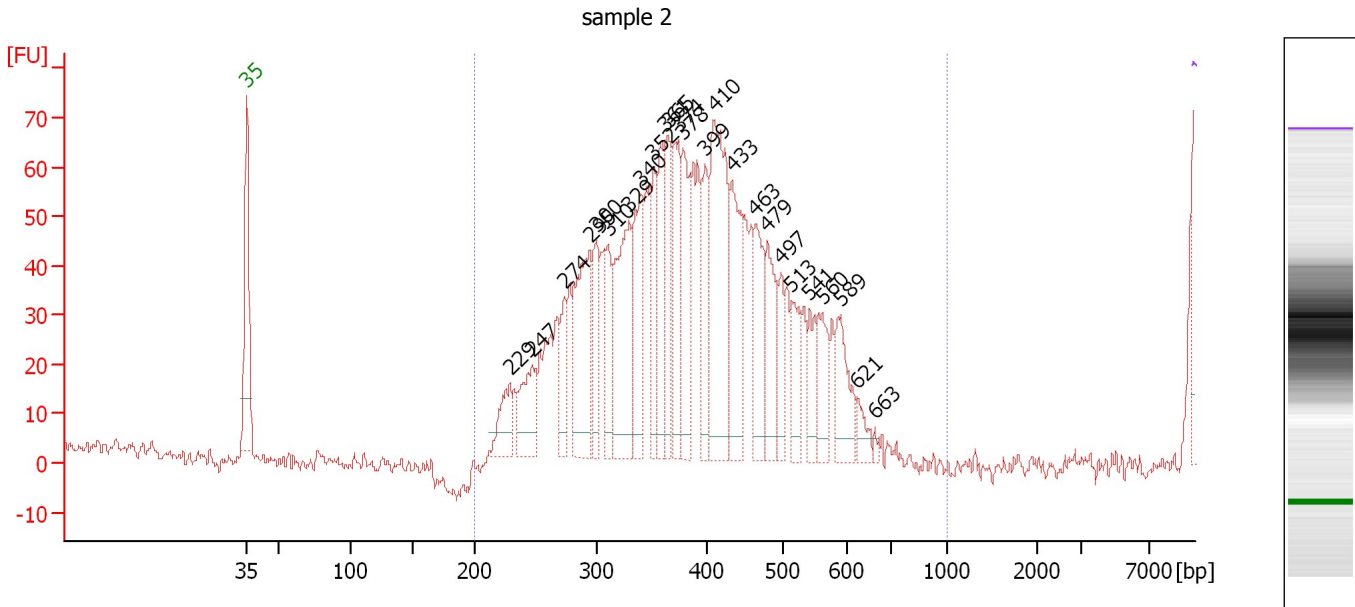
Region table for sample 1 : A1

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 206 | 505 | 326 | 11,856.7 | 2,482.50 | 1,889.0 | 100 | 14.4 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-10-24\2013-10-24_004.xad

Created: 10/24/2013 12:32:27 PM
 Modified: 10/24/2013 1:19:06 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : sample 2

Number of peaks found: 25 Corr. Area 1: 979.9
 Noise: 1.5


Peak table for sample 2 : sample 2

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 229 | 44.67 | 295.4 | |
| 3 | 247 | 62.61 | 383.4 | |
| 4 | 274 | 43.45 | 240.6 | |
| 5 | 295 | 133.58 | 687.2 | |
| 6 | 300 | 56.88 | 287.1 | |
| 7 | 310 | 54.58 | 266.4 | |
| 8 | 329 | 143.54 | 660.4 | |
| 9 | 340 | 93.18 | 414.7 | |
| 10 | 352 | 62.96 | 271.3 | |
| 11 | 361 | 71.90 | 301.5 | |
| 12 | 365 | 68.51 | 284.6 | |
| 13 | 374 | 86.51 | 350.5 | |
| 14 | 378 | 76.84 | 308.1 | |
| 15 | 399 | 57.32 | 217.8 | |
| 16 | 410 | 185.65 | 686.0 | |
| 17 | 433 | 93.77 | 328.2 | |
| 18 | 463 | 68.68 | 224.6 | |
| 19 | 479 | 71.31 | 225.4 | |
| 20 | 497 | 33.14 | 101.1 | |
| 21 | 513 | 40.87 | 120.8 | |
| 22 | 541 | 31.80 | 89.1 | |
| 23 | 560 | 41.65 | 112.7 | |
| 24 | 589 | 51.70 | 133.0 | |
| 25 | 621 | 15.57 | 38.0 | |
| 26 | 663 | 3.91 | 8.9 | |


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-10-24\2013-10-24_004.xad

Created: 10/24/2013 12:32:27 PM
Modified: 10/24/2013 1:19:06 PM

Electropherogram Summary Continued ...**... Peak table for sample 2 : sample 2**

| Peak | Size [bp] | Conc. [pg/ μ l] | Molarity [pmol/l] | Observations |
|------|--|---------------------|-------------------|--------------|
| 27 |  10,380 | 75.00 | 10.9 | Upper Marker |

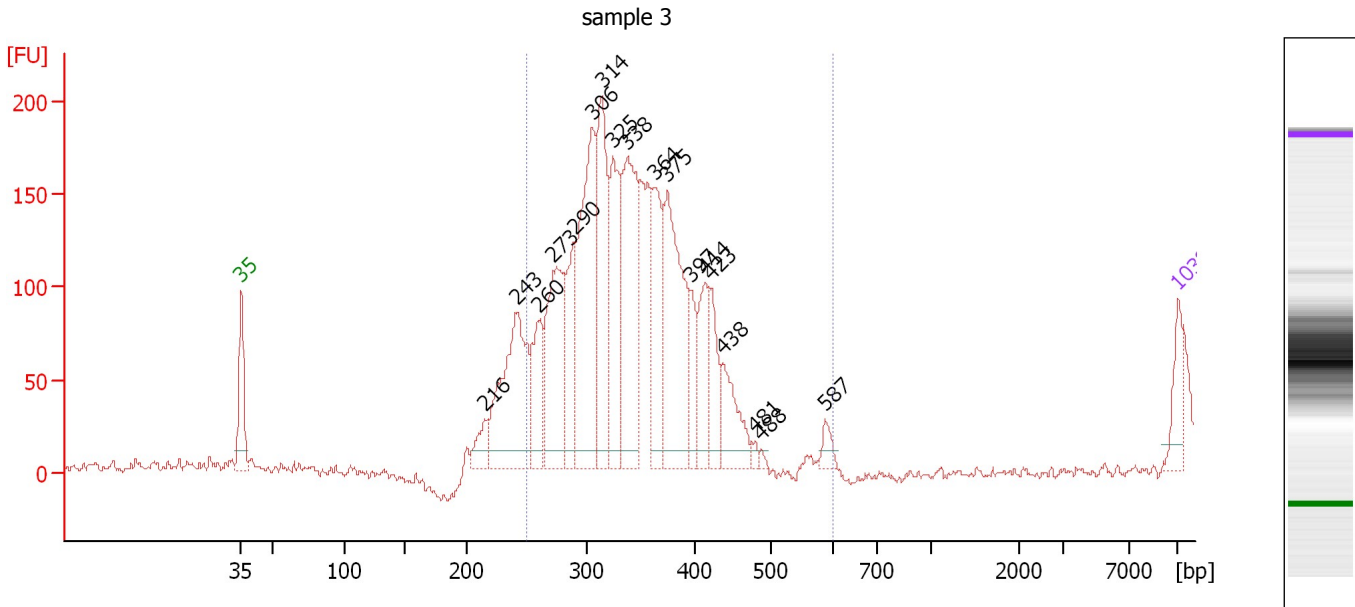
Region table for sample 2 : sample 2

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/ μ l] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------------|------------|------------|-----------------------------|---|
| 200 | 1,000 | 384 | 6,005.9 | 1,436.59 | 979.9 | 100 | 20.1 |  |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-10-24\2013-10-24_004.xad

Created: 10/24/2013 12:32:27 PM
 Modified: 10/24/2013 1:19:06 PM

Electropherogram Summary Continued ...



Setpoint Deviations for sample 3 : sample 3

Height Threshold [FU] : 10

Overall Results for sample 3 : sample 3

Number of peaks found: 18 Corr. Area 1: 2,079.9
 Noise: 2.8

Peak table for sample 3 : sample 3

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 216 | 89.74 | 629.4 | |
| 3 | 243 | 618.56 | 3,856.0 | |
| 4 | 260 | 238.03 | 1,385.4 | |
| 5 | 273 | 511.47 | 2,841.6 | |
| 6 | 290 | 258.93 | 1,350.8 | |
| 7 | 306 | 680.67 | 3,374.7 | |
| 8 | 314 | 511.58 | 2,464.8 | |
| 9 | 325 | 372.57 | 1,737.9 | |
| 10 | 338 | 600.71 | 2,691.7 | |
| 11 | 364 | 309.65 | 1,288.0 | |
| 12 | 375 | 571.50 | 2,311.5 | |
| 13 | 397 | 126.52 | 483.1 | |
| 14 | 414 | 190.09 | 696.2 | |
| 15 | 423 | 155.47 | 557.0 | |
| 16 | 438 | 183.22 | 634.3 | |
| 17 | 481 | 16.91 | 53.3 | |
| 18 | 488 | 10.54 | 32.7 | |
| 19 | 587 | 38.66 | 99.8 | |
| 20 | 10,380 | 75.00 | 10.9 | Upper Marker |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-10-24\2013-10-24_004.xad

Created: 10/24/2013 12:32:27 PM
Modified: 10/24/2013 1:19:06 PM

Electropherogram Summary Continued ...

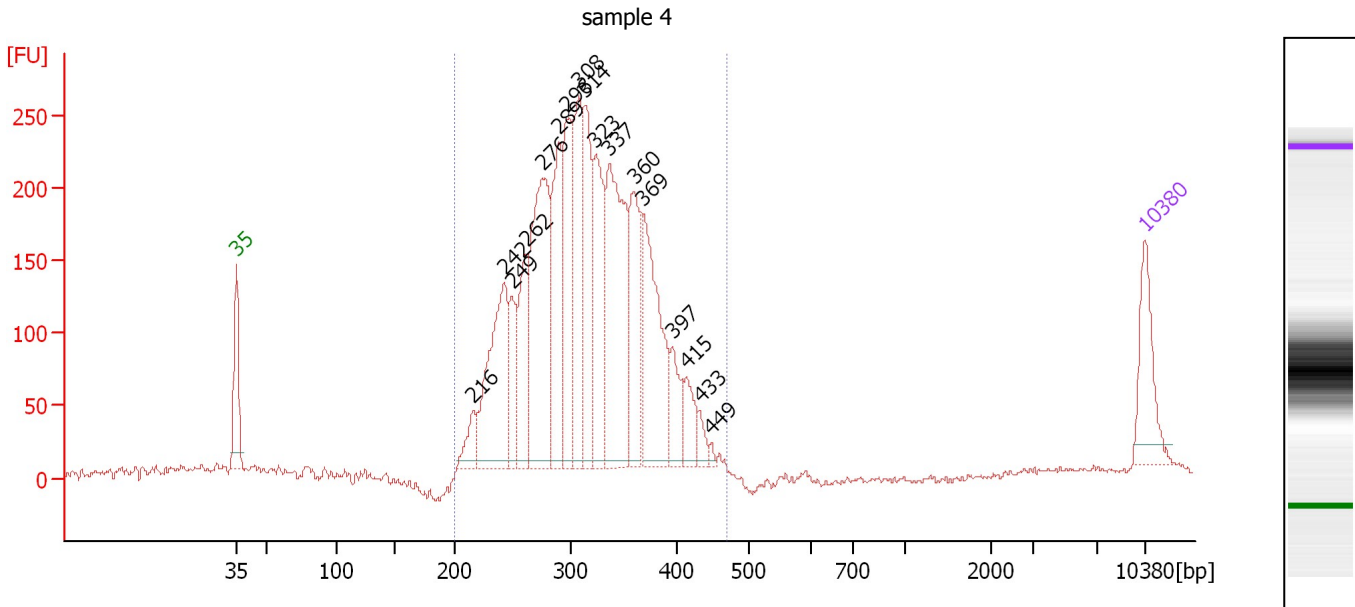
... Region table for sample 3 : sample 3

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 251 | 600 | 335 | 17,425.2 | 3,770.81 | 2,079.9 | 93 | 13.1 | ■ |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-10-24\2013-10-24_004.xad

Created: 10/24/2013 12:32:27 PM
 Modified: 10/24/2013 1:19:06 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : sample 4

Number of peaks found: 17 Corr. Area 1: 4,110.7
 Noise: 1.8

Peak table for sample 4 : sample 4

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 216 | 45.13 | 316.7 | |
| 3 | 242 | 274.77 | 1,717.3 | |
| 4 | 249 | 87.23 | 530.2 | |
| 5 | 262 | 138.13 | 800.0 | |
| 6 | 276 | 364.72 | 2,004.0 | |
| 7 | 289 | 210.09 | 1,099.7 | |
| 8 | 296 | 190.07 | 971.9 | |
| 9 | 308 | 205.89 | 1,014.3 | |
| 10 | 314 | 182.48 | 881.5 | |
| 11 | 323 | 199.35 | 934.2 | |
| 12 | 337 | 335.07 | 1,508.6 | |
| 13 | 360 | 162.31 | 683.3 | |
| 14 | 369 | 237.32 | 974.3 | |
| 15 | 397 | 58.04 | 221.8 | |
| 16 | 415 | 55.54 | 203.0 | |
| 17 | 433 | 19.98 | 69.9 | |
| 18 | 449 | 5.70 | 19.2 | |
| 19 | 10,380 | 75.00 | 10.9 | Upper Marker |

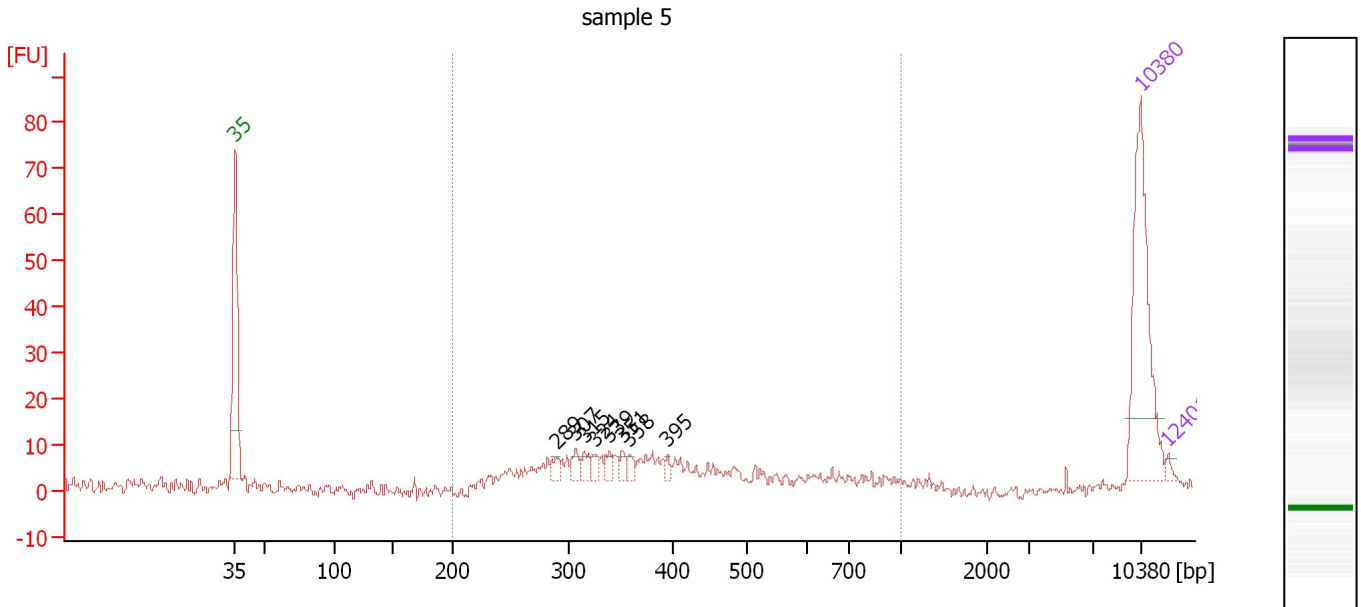
Region table for sample 4 : sample 4

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 200 | 469 | 315 | 14,243.0 | 2,863.62 | 4,110.7 | 97 | 16.1 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-10-24\2013-10-24_004.xad

Created: 10/24/2013 12:32:27 PM
 Modified: 10/24/2013 1:19:06 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : sample 5

Number of peaks found: 8 Corr. Area 1: 128.9
 Noise: 1.3

Peak table for sample 5 : sample 5

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 289 | 5.93 | 31.1 | |
| 3 | 307 | 7.41 | 36.5 | |
| 4 | 315 | 7.68 | 36.9 | |
| 5 | 324 | 5.41 | 25.3 | |
| 6 | 339 | 5.27 | 23.6 | |
| 7 | 351 | 5.23 | 22.6 | |
| 8 | 358 | 4.83 | 20.4 | |
| 9 | 395 | 3.42 | 13.1 | |
| 10 | 10,380 | 75.00 | 10.9 | Upper Marker |
| 11 | 12,401 | 0.00 | 0.0 | Upper Marker |

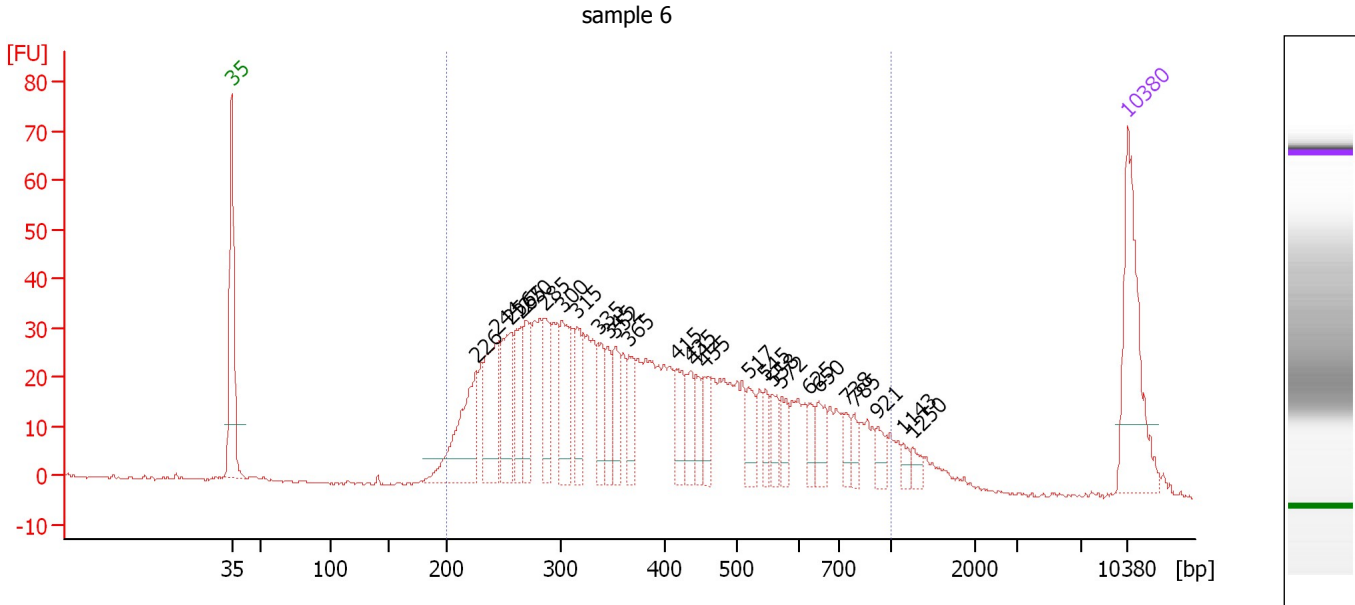
Region table for sample 5 : sample 5

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 200 | 1,000 | 400 | 616.5 | 144.75 | 128.9 | 94 | 34.2 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-10-24\2013-10-24_004.xad

Created: 10/24/2013 12:32:27 PM
 Modified: 10/24/2013 1:19:06 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : sample 6

Number of peaks found: 27 Corr. Area 1: 1,105.1
 Noise: 0.3

Peak table for sample 6 : sample 6


| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 226 | 95.47 | 639.7 | |
| 3 | 244 | 78.72 | 488.5 | |
| 4 | 256 | 67.42 | 399.4 | |
| 5 | 265 | 43.21 | 247.5 | |
| 6 | 270 | 53.37 | 299.9 | |
| 7 | 285 | 37.86 | 201.4 | |
| 8 | 300 | 54.80 | 276.6 | |
| 9 | 315 | 40.51 | 194.8 | |
| 10 | 335 | 32.91 | 148.8 | |
| 11 | 345 | 27.05 | 118.8 | |
| 12 | 352 | 30.42 | 130.8 | |
| 13 | 365 | 27.96 | 116.0 | |
| 14 | 415 | 33.62 | 122.8 | |
| 15 | 435 | 23.51 | 81.9 | |
| 16 | 442 | 19.87 | 68.1 | |
| 17 | 455 | 21.12 | 70.3 | |
| 18 | 517 | 22.14 | 64.9 | |
| 19 | 545 | 14.28 | 39.7 | |
| 20 | 558 | 17.65 | 48.0 | |
| 21 | 572 | 17.30 | 45.8 | |
| 22 | 625 | 14.13 | 34.2 | |
| 23 | 650 | 20.21 | 47.1 | |
| 24 | 738 | 11.54 | 23.7 | |
| 25 | 785 | 9.29 | 17.9 | |
| 26 | 921 | 12.35 | 20.3 | |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-10-24\2013-10-24_004.xad

Created: 10/24/2013 12:32:27 PM
 Modified: 10/24/2013 1:19:06 PM

Electropherogram Summary Continued ...

... Peak table for sample 6 : sample 6

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|--|---------------|-------------------|--------------|
| 27 | 1,143 | 6.62 | 8.8 | |
| 28 | 1,250 | 7.70 | 9.3 | |
| 29 |  10,380 | 75.00 | 10.9 | Upper Marker |

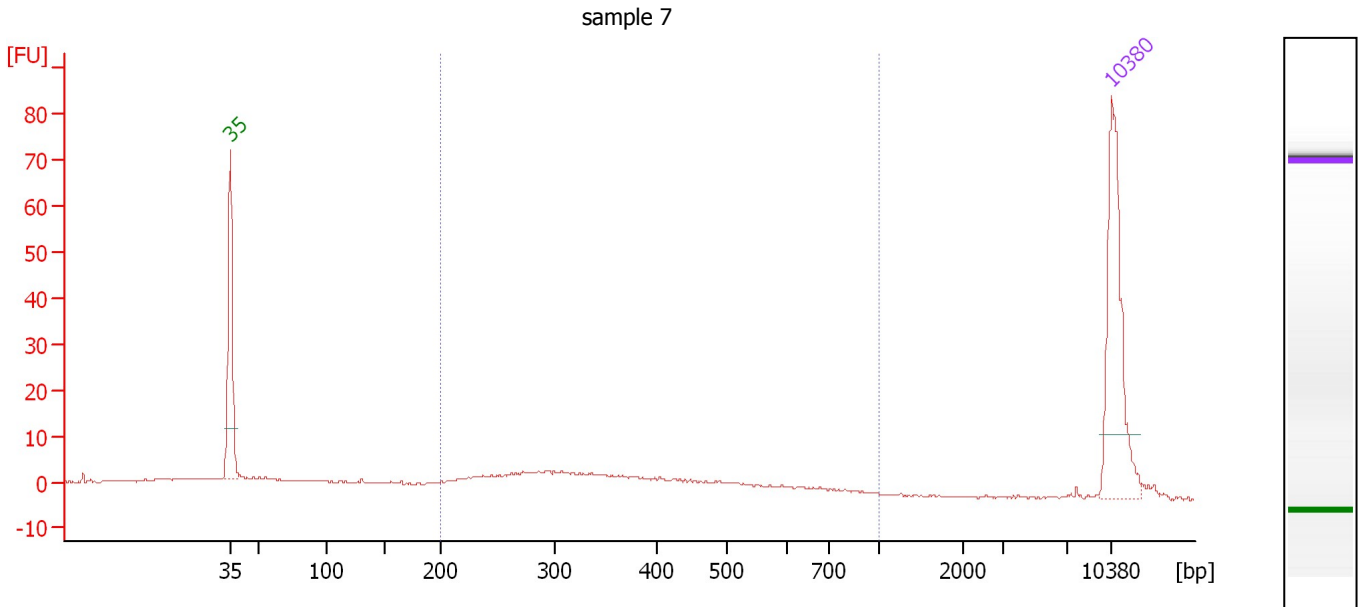
Region table for sample 6 : sample 6

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|---|
| 200 | 1,000 | 415 | 6,151.7 | 1,386.51 | 1,105.1 | 95 | 40.5 |  |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-10-24\2013-10-24_004.xad

Created: 10/24/2013 12:32:27 PM
 Modified: 10/24/2013 1:19:06 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : sample 7

Number of peaks found: 0 Corr. Area 1: 100.3
 Noise: 0.2

Peak table for sample 7 : sample 7

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 10,380 | 75.00 | 10.9 | Upper Marker |

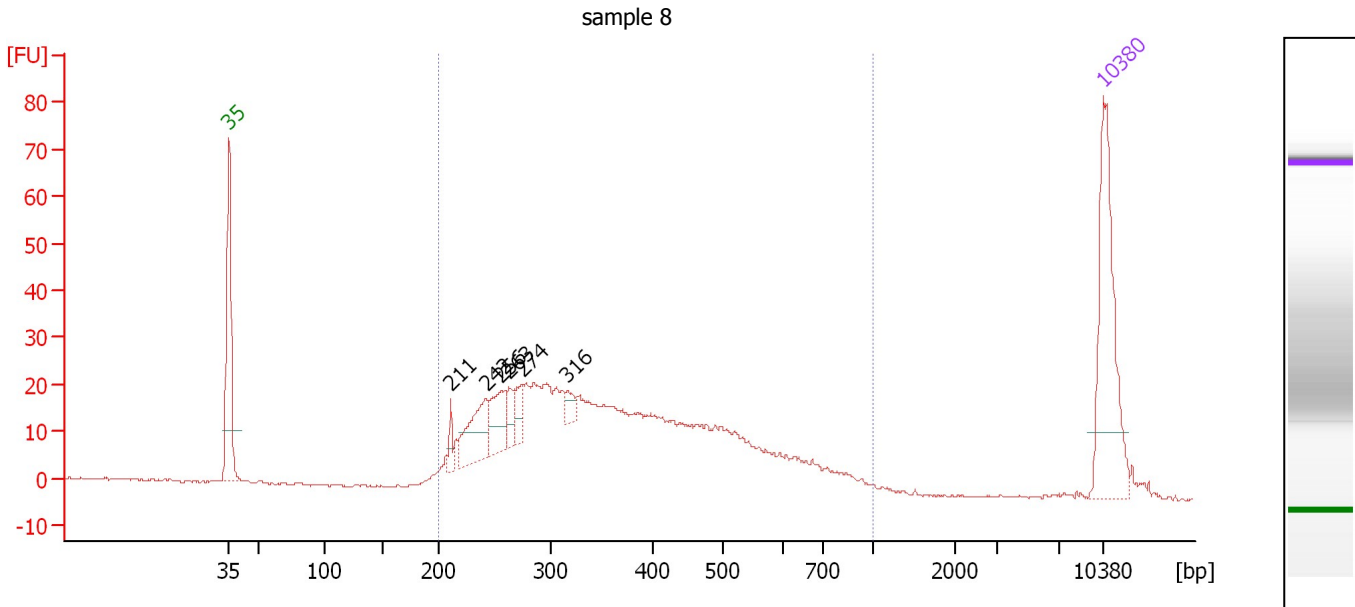
Region table for sample 7 : sample 7

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 200 | 1,000 | 371 | 531.4 | 114.16 | 100.3 | 63 | 33.0 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-10-24\2013-10-24_004.xad

Created: 10/24/2013 12:32:27 PM
 Modified: 10/24/2013 1:19:06 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : sample 8

Number of peaks found: 6 Corr. Area 1: 656.1
 Noise: 0.2

Peak table for sample 8 : sample 8

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 211 | 9.32 | 66.9 | |
| 3 | 242 | 44.75 | 279.9 | |
| 4 | 256 | 31.69 | 187.6 | |
| 5 | 263 | 14.56 | 84.0 | |
| 6 | 274 | 15.78 | 87.3 | |
| 7 | 316 | 8.88 | 42.6 | |
| 8 | 10,380 | 75.00 | 10.9 | Upper Marker |

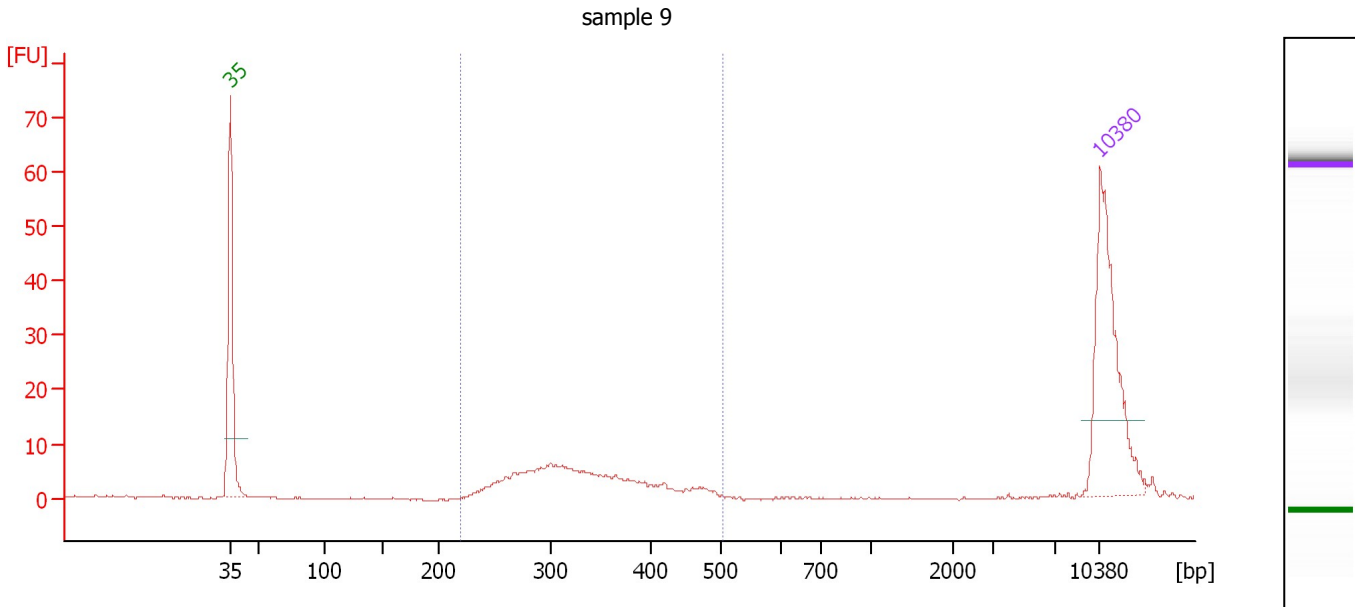
Region table for sample 8 : sample 8

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 200 | 1,000 | 385 | 3,232.2 | 704.34 | 656.1 | 97 | 36.3 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-10-24\2013-10-24_004.xad

Created: 10/24/2013 12:32:27 PM
 Modified: 10/24/2013 1:19:06 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : sample 9

Number of peaks found: 0 Corr. Area 1: 94.9
 Noise: 0.2

Peak table for sample 9 : sample 9

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 10,380 | 75.00 | 10.9 | Upper Marker |

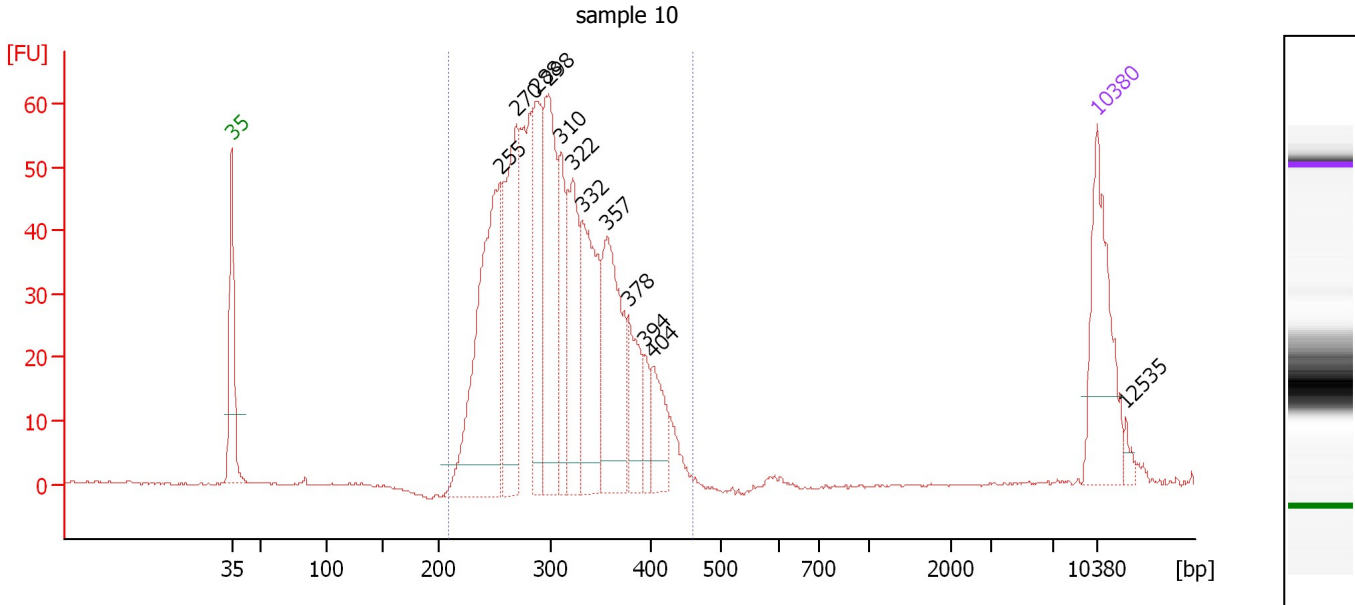
Region table for sample 9 : sample 9

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 220 | 501 | 332 | 517.7 | 108.87 | 94.9 | 93 | 18.1 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-10-24\2013-10-24_004.xad

Created: 10/24/2013 12:32:27 PM
 Modified: 10/24/2013 1:19:06 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : sample 10

Number of peaks found: 12 Corr. Area 1: 955.3
 Noise: 0.2

Peak table for sample 10 : sample 10

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 255 | 256.99 | 1,529.0 | |
| 3 | 270 | 161.43 | 907.5 | |
| 4 | 288 | 108.49 | 571.3 | |
| 5 | 298 | 155.84 | 791.7 | |
| 6 | 310 | 67.95 | 331.8 | |
| 7 | 322 | 103.59 | 487.4 | |
| 8 | 332 | 126.00 | 574.7 | |
| 9 | 357 | 127.99 | 543.6 | |
| 10 | 378 | 48.98 | 196.3 | |
| 11 | 394 | 19.55 | 75.3 | |
| 12 | 404 | 41.40 | 155.4 | |
| 13 | 10,380 | 75.00 | 10.9 | Upper Marker |
| 14 | 12,535 | 0.00 | 0.0 | |

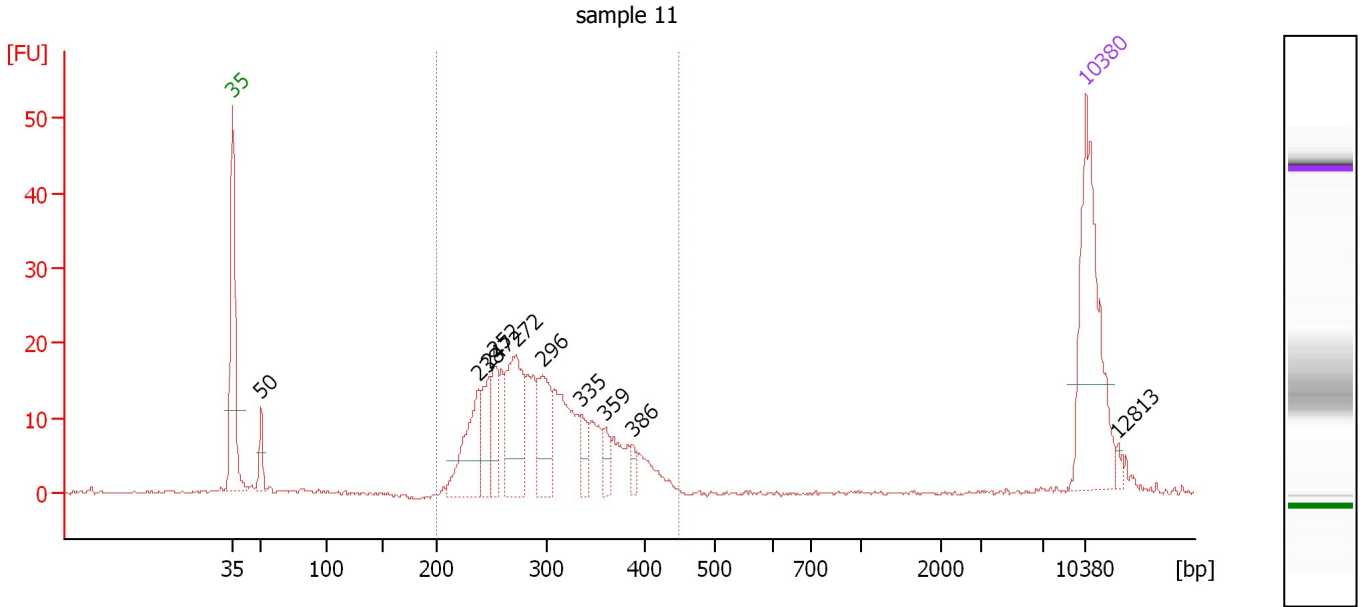
Region table for sample 10 : sample 10

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 208 | 462 | 309 | 6,731.0 | 1,326.50 | 955.3 | 99 | 16.2 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-10-24\2013-10-24_004.xad

Created: 10/24/2013 12:32:27 PM
 Modified: 10/24/2013 1:19:06 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : sample 11

Number of peaks found: 10 Corr. Area 1: 274.0
 Noise: 0.2

Peak table for sample 11 : sample 11

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 50 | 15.96 | 479.5 | |
| 3 | 238 | 55.36 | 352.9 | |
| 4 | 247 | 30.80 | 189.0 | |
| 5 | 252 | 28.15 | 169.0 | |
| 6 | 272 | 72.10 | 402.0 | |
| 7 | 296 | 44.63 | 228.4 | |
| 8 | 335 | 14.02 | 63.4 | |
| 9 | 359 | 10.21 | 43.0 | |
| 10 | 386 | 6.64 | 26.0 | |
| 11 | 10,380 | 75.00 | 10.9 | Upper Marker |
| 12 | 12,813 | 0.00 | 0.0 | |

Region table for sample 11 : sample 11

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 200 | 450 | 298 | 2,198.4 | 418.40 | 274.0 | 93 | 16.8 | Blue |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-10-24\2013-10-24_004.xad

Created: 10/24/2013 12:32:27 PM
Modified: 10/24/2013 1:19:06 PM

Gel Image

