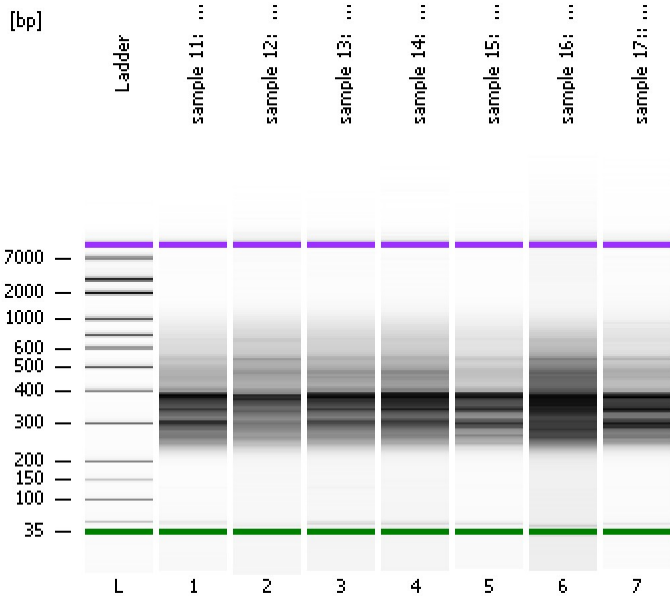


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ings\Bioanalyzer\2015-05-21\2015-05-21_001_HiSeq123Libs.xad

Created: 5/21/2015 8:42:25 AM
Modified: 5/21/2015 9:27:34 AM

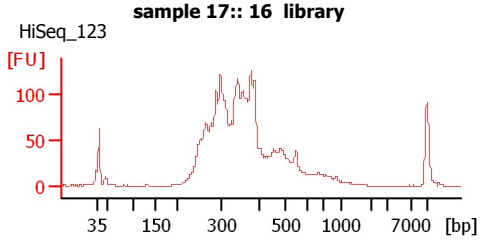
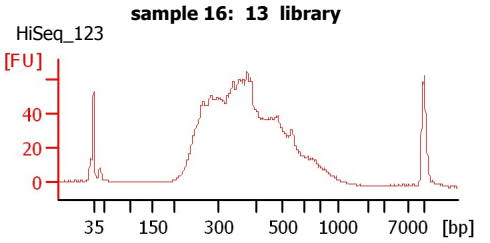
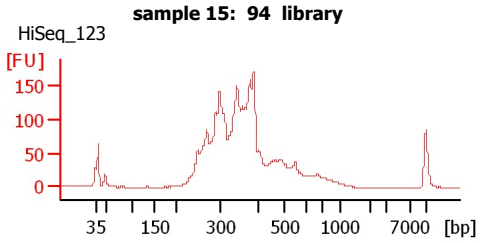
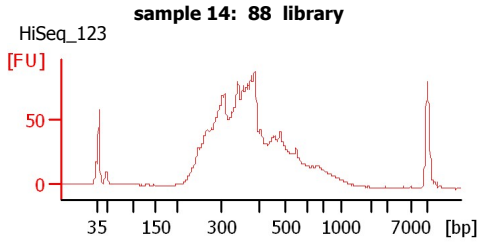
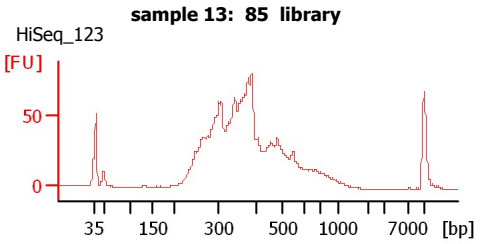
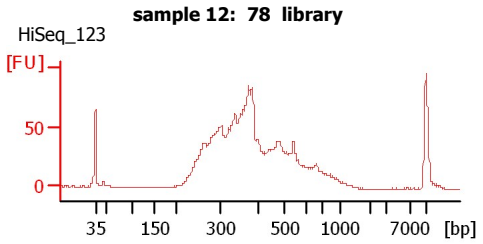
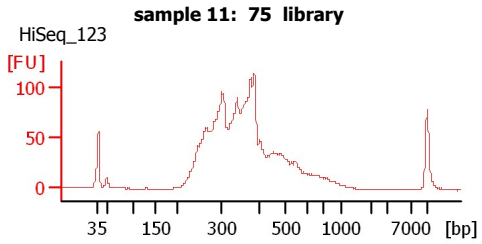
Electrophoresis File Run Summary



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:\...ings\Bioanalyzer\2015-05-21\2015-05-21_001_HiSeq123Libs.xad

Created: 5/21/2015 8:42:25 AM
 Modified: 5/21/2015 9:27:34 AM

Electrophoresis File Run Summary (Chip Summary)

| Sample Name | Sample Comment | Rest. Digest | Status | Observation | Result Label | Result Color |
|------------------------|----------------|--------------------------|--------|-------------|--------------|--------------|
| sample 11: 75 library | HiSeq_123 | <input type="checkbox"/> | ✓ | | | |
| sample 12: 78 library | HiSeq_123 | <input type="checkbox"/> | ✓ | | | |
| sample 13: 85 library | HiSeq_123 | <input type="checkbox"/> | ✓ | | | |
| sample 14: 88 library | HiSeq_123 | <input type="checkbox"/> | ✓ | | | |
| sample 15: 94 library | HiSeq_123 | <input type="checkbox"/> | ✓ | | | |
| sample 16: 13 library | HiSeq_123 | <input type="checkbox"/> | ✓ | | | |
| sample 17:: 16 library | HiSeq_123 | <input type="checkbox"/> | ✓ | | | |
| Ladder | | <input type="checkbox"/> | ✓ | | | |

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ings\Bioanalyzer\2015-05-21\2015-05-21_001_HiSeq123Libs.xad

Created: 5/21/2015 8:42:25 AM
Modified: 5/21/2015 9:27:34 AM

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

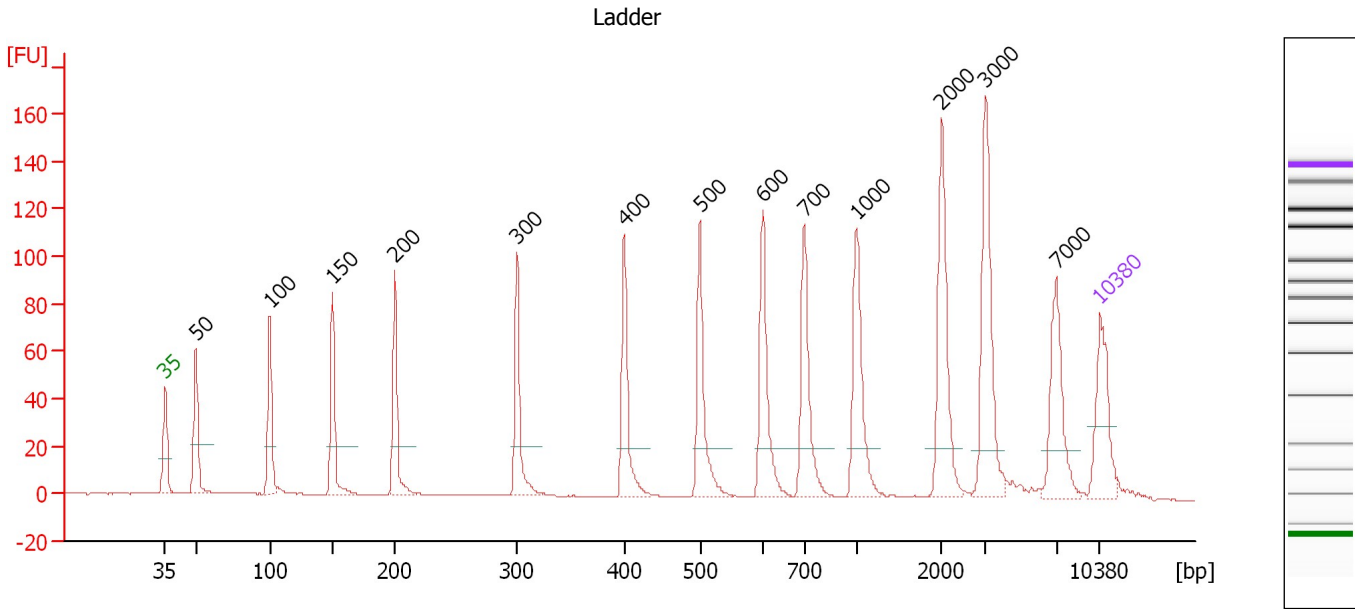
Ladder

| 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:\...ings\Bioanalyzer\2015-05-21\2015-05-21_001_HiSeq123Libs.xad

Created: 5/21/2015 8:42:25 AM
 Modified: 5/21/2015 9:27:34 AM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.2

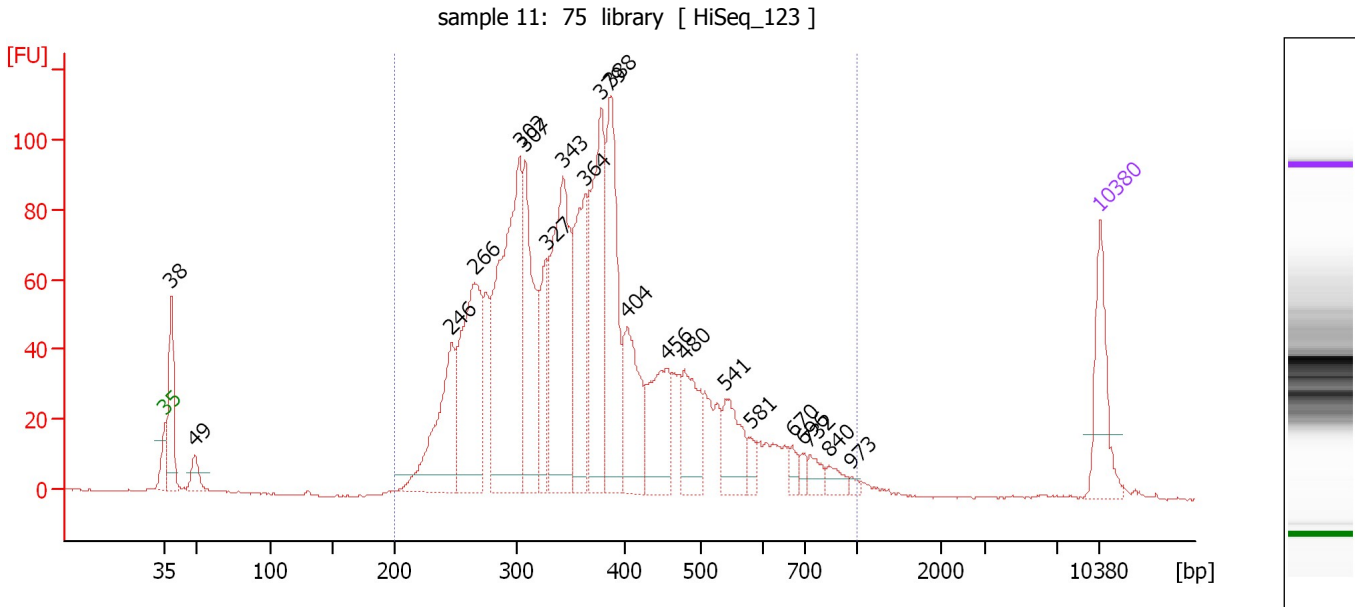
Peak table for Ladder

| 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 | 50.84 |
| 4 | 150 | 150.00 | 1,515.2 | Ladder Peak | 55.54 |
| 5 | 200 | 150.00 | 1,136.4 | Ladder Peak | 60.19 |
| 6 | 300 | 150.00 | 757.6 | Ladder Peak | 69.36 |
| 7 | 400 | 150.00 | 568.2 | Ladder Peak | 77.38 |
| 8 | 500 | 150.00 | 454.5 | Ladder Peak | 83.05 |
| 9 | 600 | 150.00 | 378.8 | Ladder Peak | 87.75 |
| 10 | 700 | 150.00 | 324.7 | Ladder Peak | 90.85 |
| 11 | 1,000 | 150.00 | 227.3 | Ladder Peak | 94.75 |
| 12 | 2,000 | 150.00 | 113.6 | Ladder Peak | 101.17 |
| 13 | 3,000 | 150.00 | 75.8 | Ladder Peak | 104.41 |
| 14 | 7,000 | 150.00 | 32.5 | Ladder Peak | 109.72 |
| 15 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ings\Bioanalyzer\2015-05-21\2015-05-21_001_HiSeq123Libs.xad

Created: 5/21/2015 8:42:25 AM
 Modified: 5/21/2015 9:27:34 AM

Electropherogram Summary Continued ...



Overall Results for sample 1 : sample 11: 75 library

Number of peaks found: 21 Corr. Area 1: 2,005.9
 Noise: 0.2

Peak table for sample 1 : sample 11: 75 library

| 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 | 38 | 143.62 | 5,745.1 | | 43.44 |
| 3 | 49 | 37.11 | 1,138.5 | | 45.21 |
| 4 | 246 | 210.23 | 1,293.4 | | 64.43 |
| 5 | 266 | 291.50 | 1,663.2 | | 66.20 |
| 6 | 302 | 456.97 | 2,289.0 | | 69.56 |
| 7 | 307 | 214.91 | 1,059.1 | | 69.96 |
| 8 | 327 | 93.89 | 434.7 | | 71.55 |
| 9 | 343 | 311.36 | 1,376.6 | | 72.79 |
| 10 | 364 | 187.99 | 783.3 | | 74.46 |
| 11 | 379 | 269.98 | 1,080.7 | | 75.66 |
| 12 | 388 | 224.67 | 877.6 | | 76.41 |
| 13 | 404 | 135.32 | 507.6 | | 77.60 |
| 14 | 456 | 126.22 | 419.3 | | 80.56 |
| 15 | 480 | 97.10 | 306.8 | | 81.89 |
| 16 | 541 | 74.82 | 209.5 | | 84.98 |
| 17 | 581 | 17.33 | 45.2 | | 86.84 |
| 18 | 670 | 15.55 | 35.1 | | 89.93 |
| 19 | 696 | 12.18 | 26.5 | | 90.73 |
| 20 | 732 | 19.74 | 40.9 | | 91.26 |
| 21 | 840 | 17.53 | 31.6 | | 92.67 |
| 22 | 973 | 5.49 | 8.6 | | 94.40 |
| 23 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ings\Bioanalyzer\2015-05-21\2015-05-21_001_HiSeq123Libs.xad

Created: 5/21/2015 8:42:25 AM
Modified: 5/21/2015 9:27:34 AM

Electropherogram Summary Continued ...

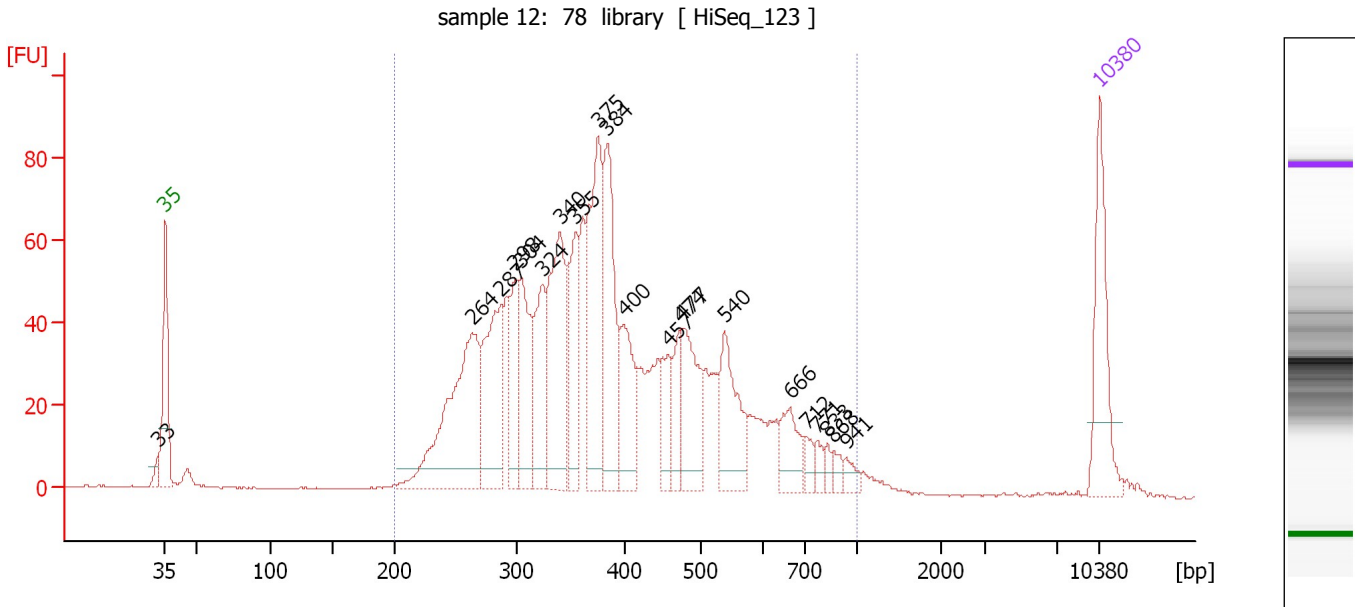
... Region table for sample 1 : sample 11: 75 library

| From [bp] | Average Size [bp] | To [bp] | Corr. Area | Molarity [pmol/l] | % of Total | Size distribution in CV [%] | Conc. [pg/μl] | Color |
|-----------|-------------------|---------|------------|-------------------|------------|-----------------------------|---------------|-------|
| 200 | 379 | 1,000 | 2,005.9 | 13,852.4 | 95 | 31.1 | 3,123.40 | ■ |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ings\Bioanalyzer\2015-05-21\2015-05-21_001_HiSeq123Libs.xad

Created: 5/21/2015 8:42:25 AM
 Modified: 5/21/2015 9:27:34 AM

Electropherogram Summary Continued ...



Overall Results for sample 2 : sample 12: 78 library

Number of peaks found: 21 Corr. Area 1: 1,559.0
 Noise: 0.2

Peak table for sample 2 : sample 12: 78 library

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 1 | 33 | 0.00 | 0.0 | | 42.46 |
| 2 | 35 | 125.00 | 5,411.3 | Lower Marker | 43.00 |
| 3 | 264 | 241.33 | 1,386.5 | | 66.03 |
| 4 | 287 | 140.95 | 744.6 | | 68.15 |
| 5 | 298 | 65.78 | 334.3 | | 69.19 |
| 6 | 304 | 105.04 | 523.5 | | 69.68 |
| 7 | 324 | 91.23 | 427.0 | | 71.26 |
| 8 | 340 | 158.07 | 704.4 | | 72.57 |
| 9 | 355 | 79.30 | 338.8 | | 73.74 |
| 10 | 375 | 167.75 | 677.0 | | 75.41 |
| 11 | 384 | 139.76 | 551.7 | | 76.08 |
| 12 | 400 | 78.38 | 297.2 | | 77.35 |
| 13 | 457 | 43.86 | 145.3 | | 80.64 |
| 14 | 474 | 43.16 | 137.9 | | 81.58 |
| 15 | 477 | 84.54 | 268.8 | | 81.72 |
| 16 | 540 | 84.13 | 236.2 | | 84.92 |
| 17 | 666 | 40.14 | 91.3 | | 89.79 |
| 18 | 712 | 11.42 | 24.3 | | 91.00 |
| 19 | 771 | 11.28 | 22.2 | | 91.77 |
| 20 | 833 | 7.84 | 14.3 | | 92.58 |
| 21 | 868 | 8.96 | 15.6 | | 93.03 |
| 22 | 941 | 10.10 | 16.3 | | 93.98 |
| 23 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ings\Bioanalyzer\2015-05-21\2015-05-21_001_HiSeq123Libs.xad

Created: 5/21/2015 8:42:25 AM
Modified: 5/21/2015 9:27:34 AM

Electropherogram Summary Continued ...

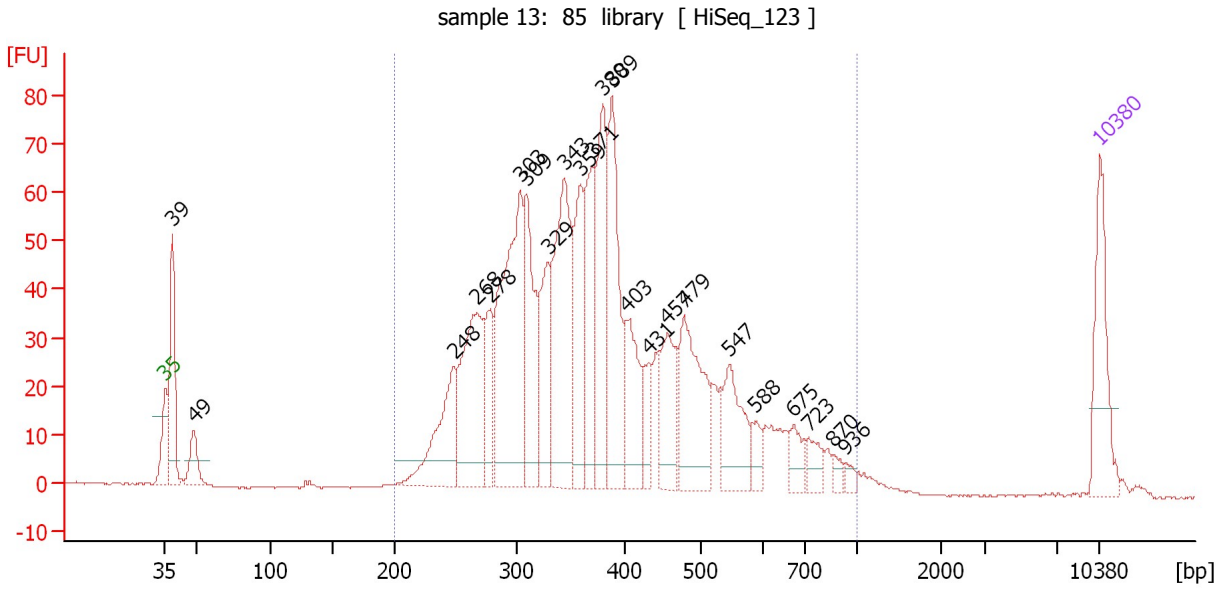
... Region table for sample 2 : sample 12: 78 library

| From [bp] | Average Size [bp] | To [bp] | Corr. Area | Molarity [pmol/l] | % of Total | Size distribution in CV [%] | Conc. [pg/μl] | Color |
|-----------|-------------------|---------|------------|-------------------|------------|-----------------------------|---------------|-------|
| 200 | 406 | 1,000 | 1,559.0 | 8,447.6 | 96 | 33.2 | 1,997.12 | ■ |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ings\Bioanalyzer\2015-05-21\2015-05-21_001_HiSeq123Libs.xad

Created: 5/21/2015 8:42:25 AM
 Modified: 5/21/2015 9:27:34 AM

Electropherogram Summary Continued ...



Overall Results for sample 3 : sample 13: 85 library

Number of peaks found: 23 Corr. Area 1: 1,447.5
 Noise: 0.2

Peak table for sample 3 : sample 13: 85 library

| 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 | 39 | 145.02 | 5,700.0 | | 43.55 |
| 3 | 49 | 45.36 | 1,405.5 | | 45.13 |
| 4 | 248 | 125.34 | 764.7 | | 64.62 |
| 5 | 268 | 196.57 | 1,112.8 | | 66.39 |
| 6 | 278 | 72.10 | 393.6 | | 67.30 |
| 7 | 303 | 300.14 | 1,502.5 | | 69.57 |
| 8 | 309 | 151.43 | 742.8 | | 70.07 |
| 9 | 329 | 98.82 | 455.5 | | 71.66 |
| 10 | 343 | 222.39 | 981.1 | | 72.84 |
| 11 | 359 | 124.34 | 524.3 | | 74.12 |
| 12 | 371 | 125.23 | 511.9 | | 75.02 |
| 13 | 380 | 154.51 | 616.6 | | 75.75 |
| 14 | 389 | 168.88 | 658.2 | | 76.48 |
| 15 | 403 | 93.57 | 352.2 | | 77.52 |
| 16 | 431 | 35.33 | 124.1 | | 79.16 |
| 17 | 457 | 90.18 | 299.0 | | 80.61 |
| 18 | 479 | 144.21 | 456.5 | | 81.84 |
| 19 | 547 | 84.08 | 233.0 | | 85.25 |
| 20 | 588 | 20.28 | 52.2 | | 87.20 |
| 21 | 675 | 26.51 | 59.5 | | 90.06 |
| 22 | 723 | 22.69 | 47.5 | | 91.15 |
| 23 | 870 | 8.75 | 15.2 | | 93.06 |
| 24 | 936 | 7.93 | 12.8 | | 93.92 |
| 25 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ings\Bioanalyzer\2015-05-21\2015-05-21_001_HiSeq123Libs.xad

Created: 5/21/2015 8:42:25 AM
Modified: 5/21/2015 9:27:34 AM

Electropherogram Summary Continued ...

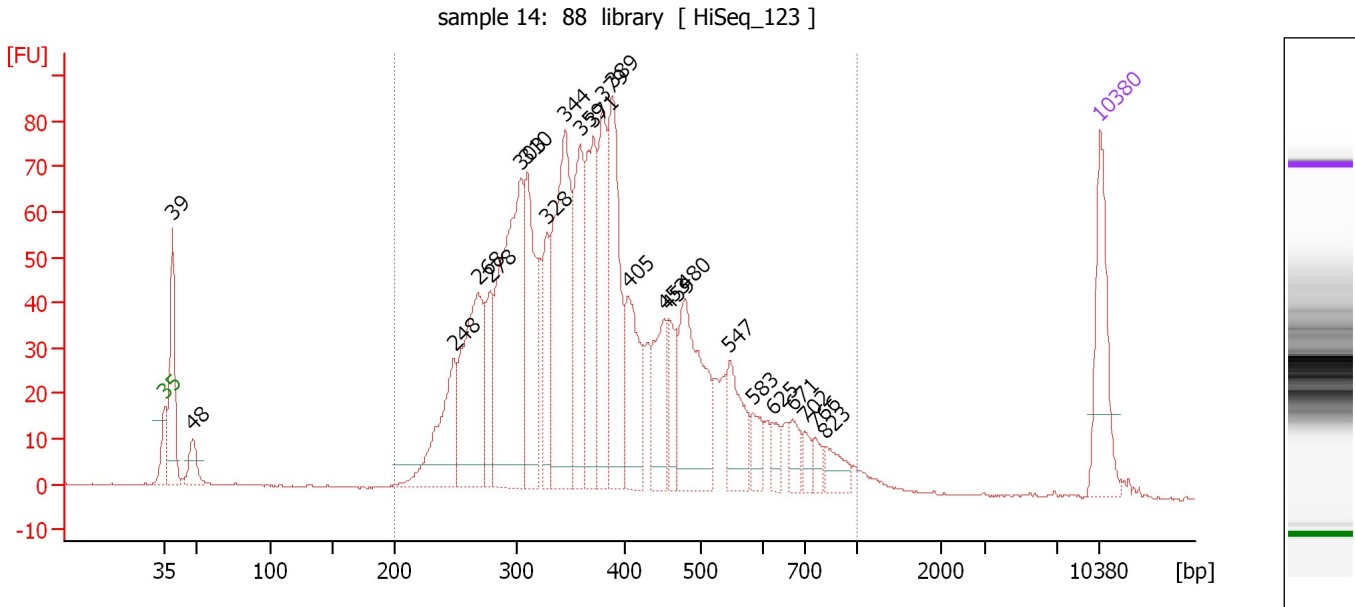
... Region table for sample 3 : sample 13: 85 library

| From [bp] | Average Size [bp] | To [bp] | Corr. Area | Molarity [pmol/l] | % of Total | Size distribution in CV [%] | Conc. [pg/μl] | Color |
|-----------|-------------------|---------|------------|-------------------|------------|-----------------------------|---------------|-------|
| 200 | 396 | 1,000 | 1,447.5 | 10,590.4 | 93 | 32.2 | 2,469.55 | ■ |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ings\Bioanalyzer\2015-05-21\2015-05-21_001_HiSeq123Libs.xad

Created: 5/21/2015 8:42:25 AM
 Modified: 5/21/2015 9:27:34 AM

Electropherogram Summary Continued ...



Overall Results for sample 4 : sample 14: 88 library

Number of peaks found: 24 Corr. Area 1: 1,683.4
 Noise: 0.2

Peak table for sample 4 : sample 14: 88 library

| 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 | 39 | 139.61 | 5,477.8 | | 43.56 |
| 3 | 48 | 35.55 | 1,116.2 | | 45.04 |
| 4 | 248 | 125.52 | 765.9 | | 64.62 |
| 5 | 268 | 203.03 | 1,147.8 | | 66.43 |
| 6 | 278 | 71.20 | 387.9 | | 67.35 |
| 7 | 303 | 317.71 | 1,587.5 | | 69.62 |
| 8 | 310 | 156.53 | 766.1 | | 70.13 |
| 9 | 328 | 80.61 | 372.3 | | 71.61 |
| 10 | 344 | 247.77 | 1,090.6 | | 72.91 |
| 11 | 359 | 134.13 | 566.6 | | 74.06 |
| 12 | 371 | 143.87 | 587.0 | | 75.08 |
| 13 | 379 | 128.15 | 511.7 | | 75.73 |
| 14 | 389 | 167.65 | 653.5 | | 76.47 |
| 15 | 405 | 103.58 | 387.3 | | 77.68 |
| 16 | 453 | 77.97 | 261.0 | | 80.36 |
| 17 | 459 | 49.79 | 164.3 | | 80.73 |
| 18 | 480 | 155.80 | 492.3 | | 81.89 |
| 19 | 547 | 65.67 | 181.8 | | 85.27 |
| 20 | 583 | 25.50 | 66.3 | | 86.94 |
| 21 | 625 | 16.00 | 38.8 | | 88.51 |
| 22 | 671 | 22.50 | 50.8 | | 89.94 |
| 23 | 702 | 14.54 | 31.4 | | 90.87 |
| 24 | 766 | 12.31 | 24.4 | | 91.70 |
| 25 | 823 | 23.82 | 43.9 | | 92.44 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ings\Bioanalyzer\2015-05-21\2015-05-21_001_HiSeq123Libs.xad


Created: 5/21/2015 8:42:25 AM
 Modified: 5/21/2015 9:27:34 AM

Electropherogram Summary Continued ...

... Peak table for sample 4 : sample 14: 88 library

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 26 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |

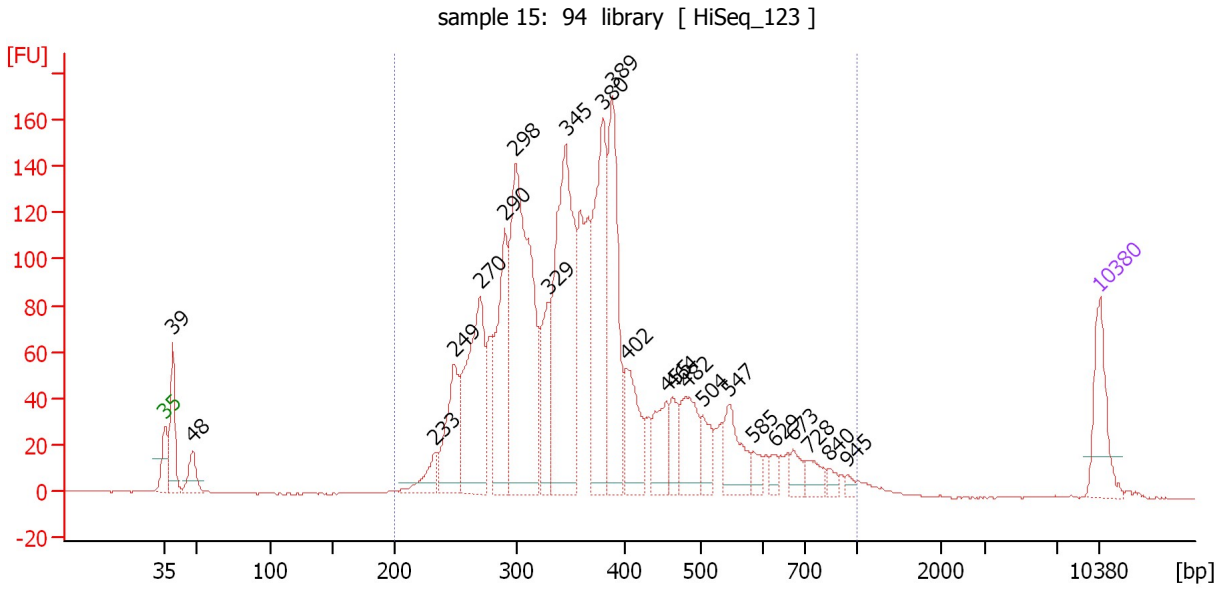
Region table for sample 4 : sample 14: 88 library

| From [bp] | Average Size [bp] | To [bp] | Corr. Area | Molarity [pmol/l] | % of Total | Size distribution in CV [%] | Conc. [pg/μl] | Color |
|-----------|-------------------|---------|------------|-------------------|------------|-----------------------------|---------------|---|
| 200 | 396 | 1,000 | 1,683.4 | 10,829.8 | 93 | 32.1 | 2,529.79 |  |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ings\Bioanalyzer\2015-05-21\2015-05-21_001_HiSeq123Libs.xad

Created: 5/21/2015 8:42:25 AM
 Modified: 5/21/2015 9:27:34 AM

Electropherogram Summary Continued ...



Overall Results for sample 5 : sample 15: 94 library

Number of peaks found: 23 Corr. Area 1: 2,605.1
 Noise: 0.2

Peak table for sample 5 : sample 15: 94 library

| 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 | 39 | 131.82 | 5,165.0 | | 43.56 |
| 3 | 48 | 53.25 | 1,675.7 | | 45.02 |
| 4 | 233 | 47.93 | 311.4 | | 63.23 |
| 5 | 249 | 152.47 | 929.4 | | 64.64 |
| 6 | 270 | 301.50 | 1,691.5 | | 66.62 |
| 7 | 290 | 234.18 | 1,223.4 | | 68.45 |
| 8 | 298 | 549.88 | 2,793.8 | | 69.20 |
| 9 | 329 | 117.54 | 541.3 | | 71.69 |
| 10 | 345 | 461.30 | 2,023.6 | | 73.00 |
| 11 | 380 | 303.17 | 1,209.1 | | 75.77 |
| 12 | 389 | 264.11 | 1,029.5 | | 76.47 |
| 13 | 402 | 116.68 | 439.5 | | 77.51 |
| 14 | 455 | 81.58 | 271.5 | | 80.51 |
| 15 | 464 | 46.06 | 150.3 | | 81.03 |
| 16 | 482 | 100.81 | 317.1 | | 82.01 |
| 17 | 504 | 45.61 | 137.1 | | 83.23 |
| 18 | 547 | 83.42 | 231.1 | | 85.25 |
| 19 | 585 | 20.92 | 54.2 | | 87.04 |
| 20 | 629 | 17.67 | 42.6 | | 88.63 |
| 21 | 673 | 25.34 | 57.1 | | 90.00 |
| 22 | 728 | 29.96 | 62.3 | | 91.22 |
| 23 | 840 | 11.38 | 20.5 | | 92.67 |
| 24 | 945 | 7.92 | 12.7 | | 94.03 |
| 25 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ings\Bioanalyzer\2015-05-21\2015-05-21_001_HiSeq123Libs.xad

Created: 5/21/2015 8:42:25 AM
Modified: 5/21/2015 9:27:34 AM

Electropherogram Summary Continued ...

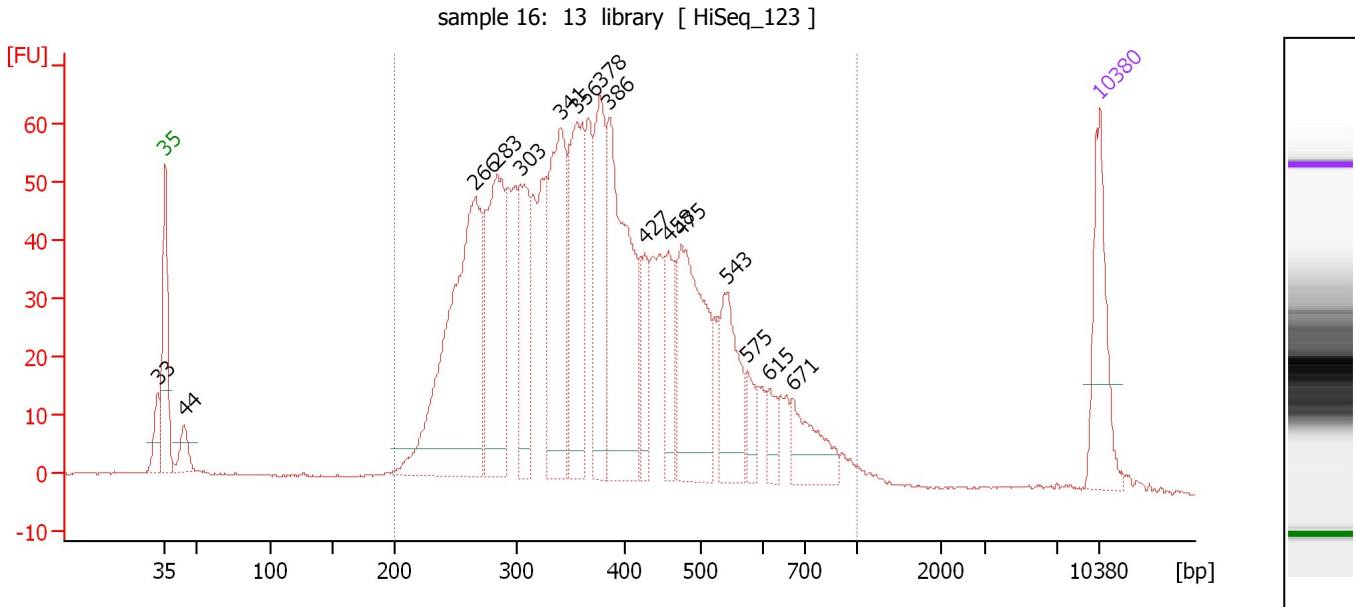
... Region table for sample 5 : sample 15: 94 library

| From [bp] | Average Size [bp] | To [bp] | Corr. Area | Molarity [pmol/l] | % of Total | Size distribution in CV [%] | Conc. [pg/μl] | Color |
|-----------|-------------------|---------|------------|-------------------|------------|-----------------------------|---------------|-------|
| 200 | 380 | 1,000 | 2,605.1 | 15,261.7 | 95 | 30.9 | 3,467.56 | ■ |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ings\Bioanalyzer\2015-05-21\2015-05-21_001_HiSeq123Libs.xad

Created: 5/21/2015 8:42:25 AM
 Modified: 5/21/2015 9:27:34 AM

Electropherogram Summary Continued ...



Overall Results for sample 6 : sample 16: 13 library

Number of peaks found: 16 Corr. Area 1: 1,597.3
 Noise: 0.2

Peak table for sample 6 : sample 16: 13 library

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 1 | 33 | 0.00 | 0.0 | | 42.43 |
| 2 | 35 | 125.00 | 5,411.3 | Lower Marker | 43.00 |
| 3 | 44 | 33.07 | 1,137.7 | | 44.39 |
| 4 | 266 | 406.30 | 2,317.8 | | 66.21 |
| 5 | 283 | 223.34 | 1,194.3 | | 67.83 |
| 6 | 303 | 120.69 | 603.5 | | 69.60 |
| 7 | 341 | 204.36 | 909.1 | | 72.62 |
| 8 | 356 | 188.27 | 802.3 | | 73.81 |
| 9 | 378 | 134.85 | 541.1 | | 75.58 |
| 10 | 386 | 251.25 | 986.3 | | 76.25 |
| 11 | 427 | 53.50 | 190.0 | | 78.89 |
| 12 | 458 | 67.28 | 222.7 | | 80.66 |
| 13 | 475 | 191.76 | 611.0 | | 81.66 |
| 14 | 543 | 97.11 | 271.1 | | 85.06 |
| 15 | 575 | 25.37 | 66.8 | | 86.59 |
| 16 | 615 | 23.73 | 58.4 | | 88.22 |
| 17 | 671 | 59.39 | 134.2 | | 89.94 |
| 18 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |

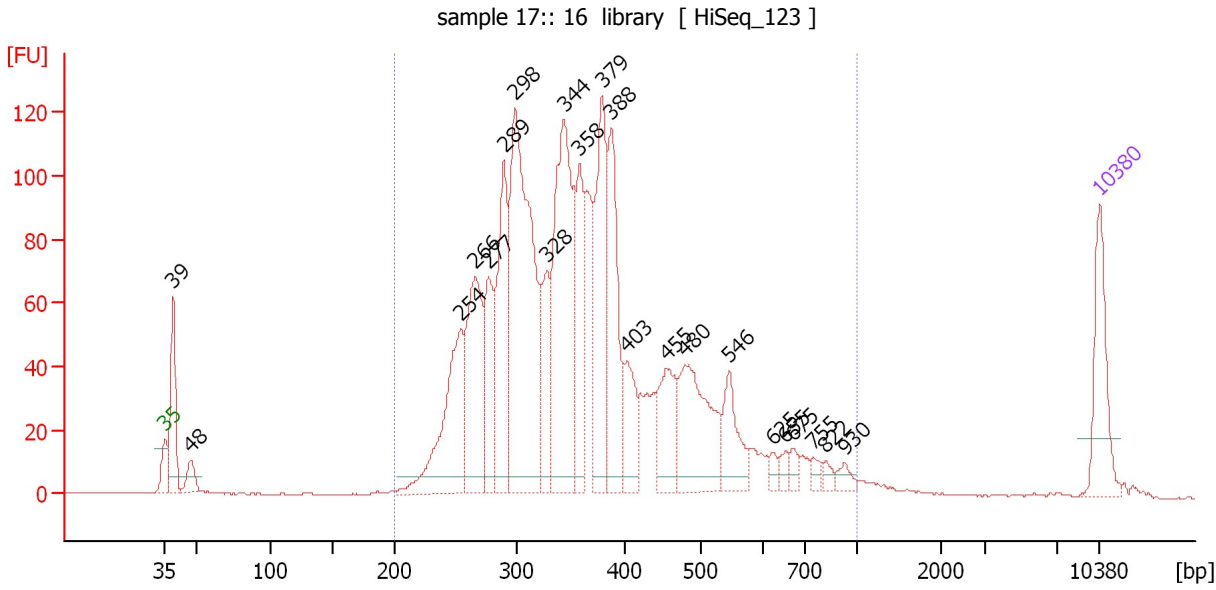
Region table for sample 6 : sample 16: 13 library

| From [bp] | Average Size [bp] | To [bp] | Corr. Area | Molarity [pmol/l] | % of Total | Size distribution in CV [%] | Conc. [pg/μl] | Color |
|-----------|-------------------|---------|------------|-------------------|------------|-----------------------------|---------------|-------|
| 200 | 395 | 1,000 | 1,597.3 | 11,614.1 | 95 | 31.9 | 2,680.94 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ings\Bioanalyzer\2015-05-21\2015-05-21_001_HiSeq123Libs.xad

Created: 5/21/2015 8:42:25 AM
 Modified: 5/21/2015 9:27:34 AM

Electropherogram Summary Continued ...



Overall Results for sample 7 : sample 17:: 16 library

Number of peaks found: 22 Corr. Area 1: 2,191.8
 Noise: 0.2

Peak table for sample 7 : sample 17:: 16 library

| 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 | 39 | 124.13 | 4,850.6 | | 43.58 |
| 3 | 48 | 29.67 | 944.8 | | 44.93 |
| 4 | 254 | 217.22 | 1,294.8 | | 65.16 |
| 5 | 266 | 202.93 | 1,157.0 | | 66.22 |
| 6 | 277 | 118.04 | 646.1 | | 67.23 |
| 7 | 289 | 198.80 | 1,042.6 | | 68.34 |
| 8 | 298 | 465.77 | 2,365.0 | | 69.21 |
| 9 | 328 | 96.10 | 444.4 | | 71.58 |
| 10 | 344 | 344.70 | 1,518.6 | | 72.88 |
| 11 | 358 | 147.25 | 623.6 | | 73.99 |
| 12 | 379 | 200.87 | 802.1 | | 75.73 |
| 13 | 388 | 168.86 | 659.6 | | 76.41 |
| 14 | 403 | 70.58 | 265.2 | | 77.57 |
| 15 | 455 | 93.66 | 311.7 | | 80.51 |
| 16 | 480 | 162.44 | 512.9 | | 81.91 |
| 17 | 546 | 67.60 | 187.7 | | 85.19 |
| 18 | 625 | 11.75 | 28.5 | | 88.52 |
| 19 | 655 | 11.22 | 26.0 | | 89.44 |
| 20 | 675 | 12.89 | 28.9 | | 90.07 |
| 21 | 755 | 10.35 | 20.8 | | 91.57 |
| 22 | 822 | 9.52 | 17.5 | | 92.43 |
| 23 | 930 | 11.30 | 18.4 | | 93.83 |
| 24 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ings\Bioanalyzer\2015-05-21\2015-05-21_001_HiSeq123Libs.xad

Created: 5/21/2015 8:42:25 AM
Modified: 5/21/2015 9:27:34 AM

Electropherogram Summary Continued ...

... Region table for sample 7 : sample 17:: 16 library

| From [bp] | Average Size [bp] | To [bp] | Corr. Area | Molarity [pmol/l] | % of Total | Size distribution in CV [%] | Conc. [pg/μl] | Color |
|-----------|-------------------|---------|------------|-------------------|------------|-----------------------------|---------------|-------|
| 200 | 378 | 1,000 | 2,191.8 | 12,792.1 | 94 | 31.4 | 2,883.45 | ■ |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ings\Bioanalyzer\2015-05-21\2015-05-21_001_HiSeq123Libs.xad

Created: 5/21/2015 8:42:25 AM
Modified: 5/21/2015 9:27:34 AM

Gel Image

