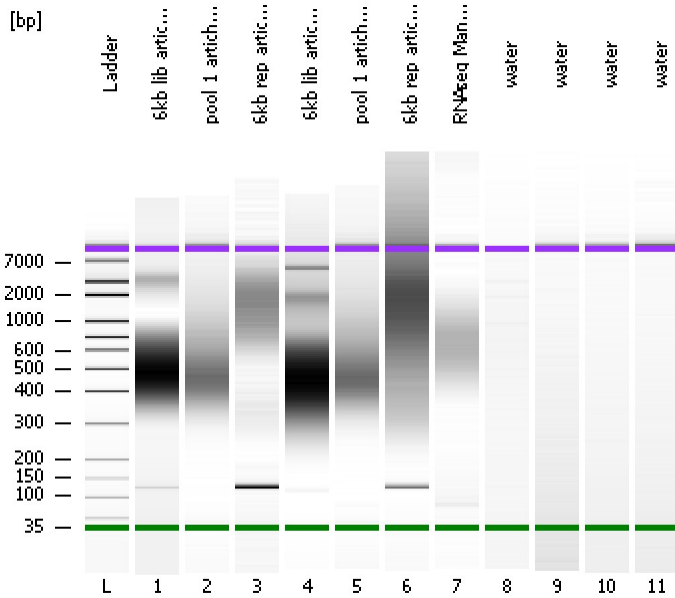


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2012-07-20\2012-07-20_001.xad

Created: 7/20/2012 11:39:38 AM
Modified: 7/20/2012 12:29:45 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

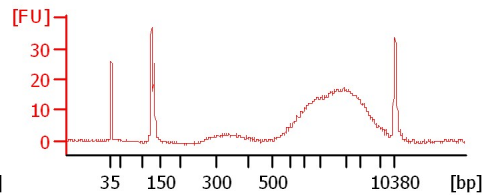
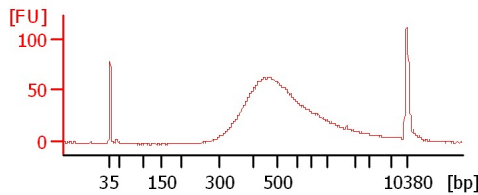
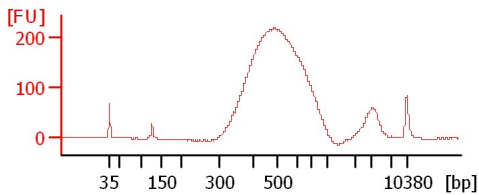
Chip Information:

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

6kb lib artichoke

pool 1 artichoke 1:3 dil.

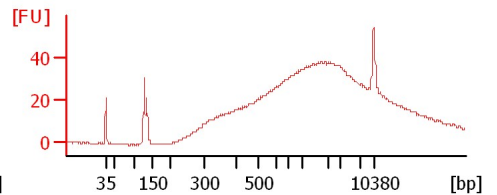
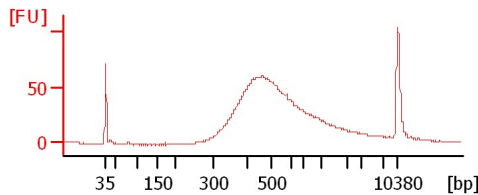
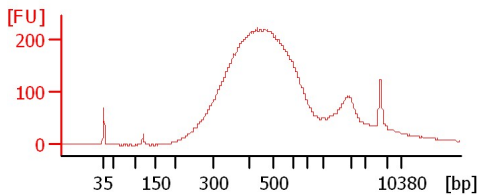
6kb rep artichoke



6kb lib artichoke

pool 1 artichoke 1:3 dil.

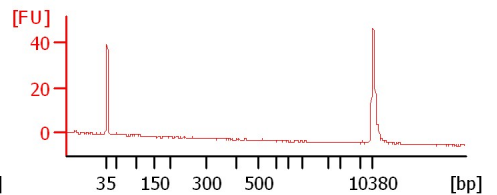
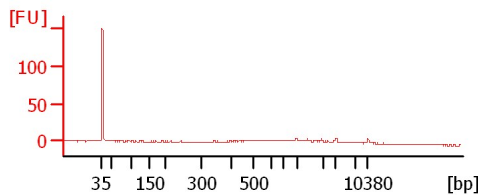
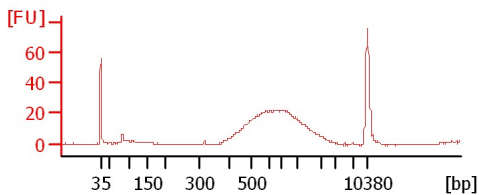
6kb rep artichoke



RNAseq ManjuYoongLutz

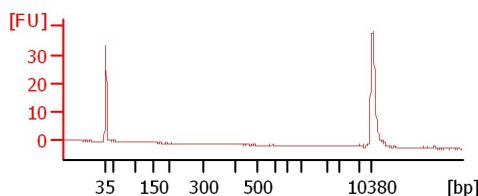
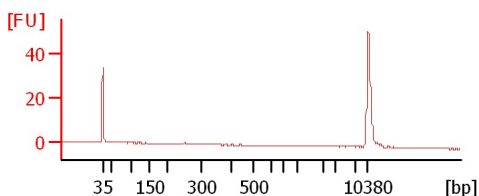
water

water



water

water



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2012-07-20\2012-07-20_001.xad

Created: 7/20/2012 11:39:38 AM
 Modified: 7/20/2012 12:29:45 PM

Electrophoresis File Run Summary (Chip Summary)

| Sample Name | Sample Comment | Rest. Digest | Status | Observation | Result Label | Result Color |
|---------------------------|----------------|--------------------------|--------|-------------|--------------|--------------|
| 6kb lib artichoke | | <input type="checkbox"/> | ✓ | | | |
| pool 1 artichoke 1:3 dil. | | <input type="checkbox"/> | ✓ | | | |
| 6kb rep artichoke | | <input type="checkbox"/> | ✓ | | | |
| 6kb lib artichoke | | <input type="checkbox"/> | ✓ | | | |
| pool 1 artichoke 1:3 dil. | | <input type="checkbox"/> | ✓ | | | |
| 6kb rep artichoke | | <input type="checkbox"/> | ✓ | | | |
| RNAseq ManjuYoongLutz | | <input type="checkbox"/> | ✓ | | | |
| water | | <input type="checkbox"/> | ✓ | | | |
| water | | <input type="checkbox"/> | ✓ | | | |
| water | | <input type="checkbox"/> | ✓ | | | |
| water | | <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\2012-07-20\2012-07-20_001.xad

Created: 7/20/2012 11:39:38 AM
Modified: 7/20/2012 12:29:45 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

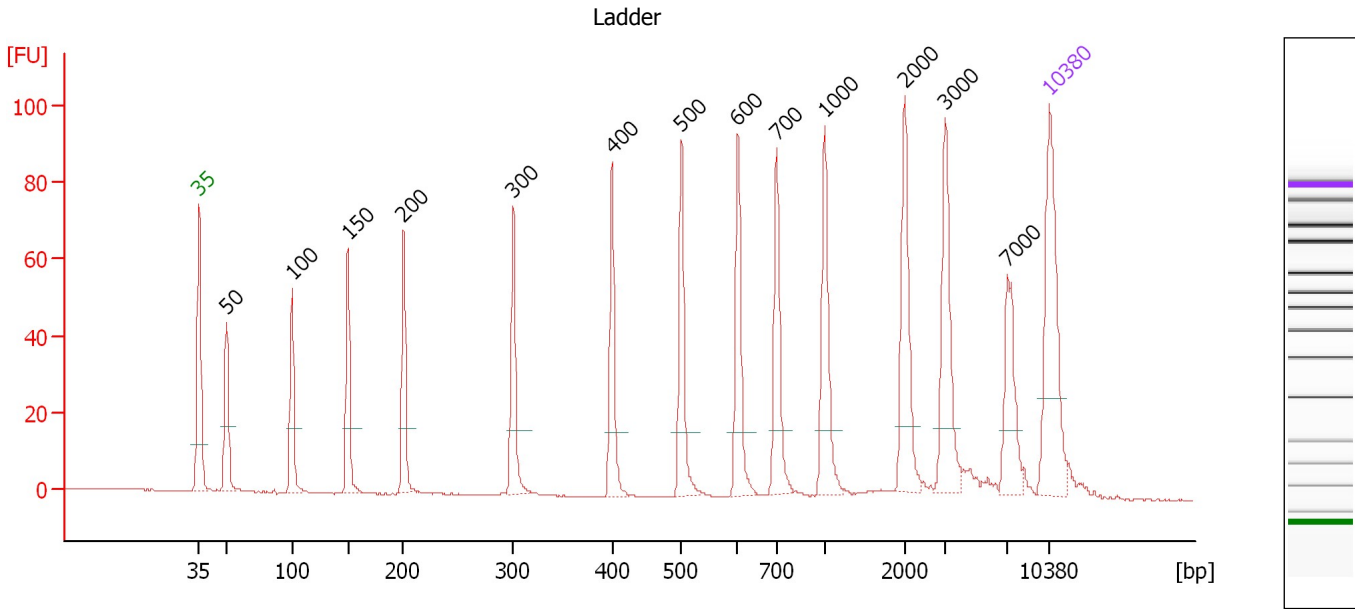
Ladder

| 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\2012-07-20\2012-07-20_001.xad

Created: 7/20/2012 11:39:38 AM
 Modified: 7/20/2012 12:29:45 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.1

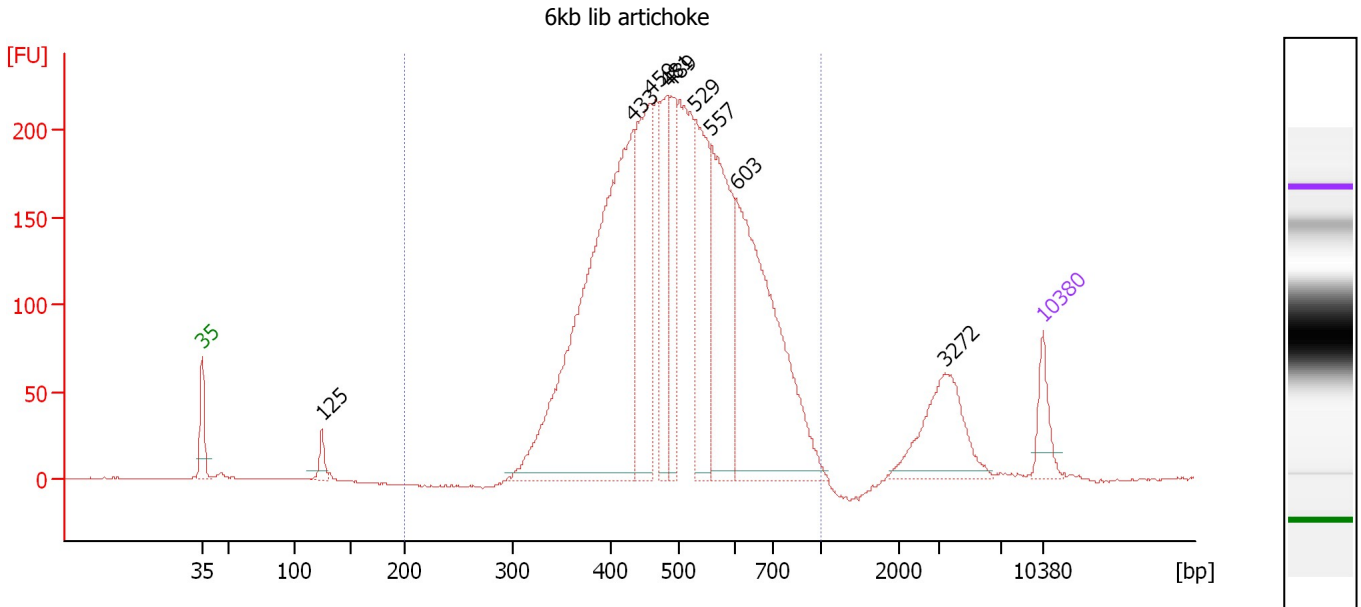
Peak table for Ladder

| 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\2012-07-20\2012-07-20_001.xad

Created: 7/20/2012 11:39:38 AM
 Modified: 7/20/2012 12:29:45 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : 6kb lib artichoke

Number of peaks found: 9 Corr. Area 1: 4,135.1
 Noise: 0.2

Peak table for sample 1 : 6kb lib artichoke

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 125 | 56.35 | 682.8 | |
| 3 | 433 | 1,800.02 | 6,294.9 | |
| 4 | 459 | 579.13 | 1,912.0 | |
| 5 | 481 | 313.87 | 987.7 | |
| 6 | 489 | 277.68 | 859.9 | |
| 7 | 529 | 450.80 | 1,291.6 | |
| 8 | 557 | 562.10 | 1,527.8 | |
| 9 | 603 | 976.44 | 2,452.1 | |
| 10 | 3,272 | 252.53 | 116.9 | |
| 11 | 10,380 | 75.00 | 10.9 | Upper Marker |

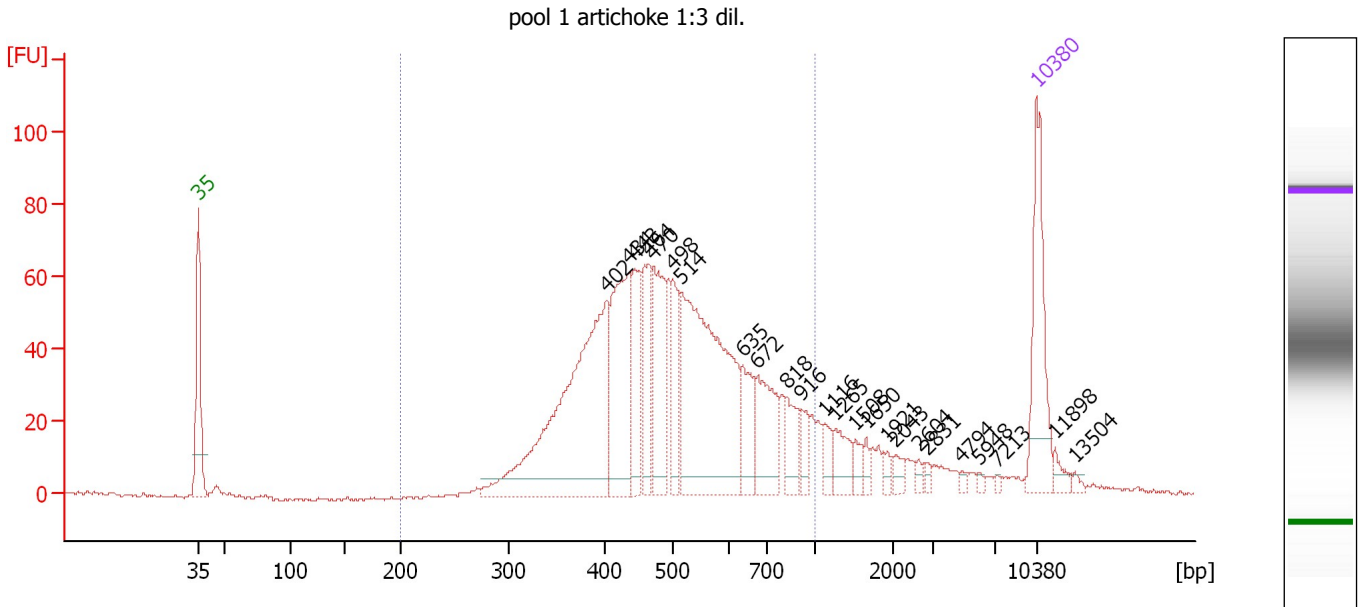
Region table for sample 1 : 6kb lib artichoke

| 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 | 511 | 18,136.6 | 5,730.83 | 4,135.1 | 93 | 23.1 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2012-07-20\2012-07-20_001.xad

Created: 7/20/2012 11:39:38 AM
 Modified: 7/20/2012 12:29:45 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : pool 1 artichoke 1:3 dil.

Number of peaks found: 24 Corr. Area 1: 1,261.6
 Noise: 0.5

Peak table for sample 2 : pool 1 artichoke 1:3 dil.

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 402 | 330.42 | 1,245.1 | |
| 3 | 434 | 142.96 | 499.0 | |
| 4 | 443 | 66.09 | 226.2 | |
| 5 | 464 | 66.25 | 216.5 | |
| 6 | 470 | 91.99 | 296.6 | |
| 7 | 498 | 49.21 | 149.7 | |
| 8 | 514 | 285.29 | 841.2 | |
| 9 | 635 | 44.57 | 106.4 | |
| 10 | 672 | 67.53 | 152.2 | |
| 11 | 818 | 30.80 | 57.0 | |
| 12 | 916 | 17.68 | 29.2 | |
| 13 | 1,116 | 15.85 | 21.5 | |
| 14 | 1,265 | 22.86 | 27.4 | |
| 15 | 1,508 | 10.50 | 10.5 | |
| 16 | 1,650 | 6.48 | 5.9 | |
| 17 | 1,921 | 6.23 | 4.9 | |
| 18 | 2,043 | 7.62 | 5.6 | |
| 19 | 2,604 | 3.84 | 2.2 | |
| 20 | 2,831 | 3.82 | 2.0 | |
| 21 | 4,794 | 2.90 | 0.9 | |
| 22 | 5,948 | 2.54 | 0.6 | |
| 23 | 7,213 | 1.96 | 0.4 | |
| 24 | 10,380 | 75.00 | 10.9 | Upper Marker |
| 25 | 11,898 | 0.00 | 0.0 | |
| 26 | 13,504 | 0.00 | 0.0 | |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2012-07-20\2012-07-20_001.xad

Created: 7/20/2012 11:39:38 AM
Modified: 7/20/2012 12:29:45 PM

Electropherogram Summary Continued ...

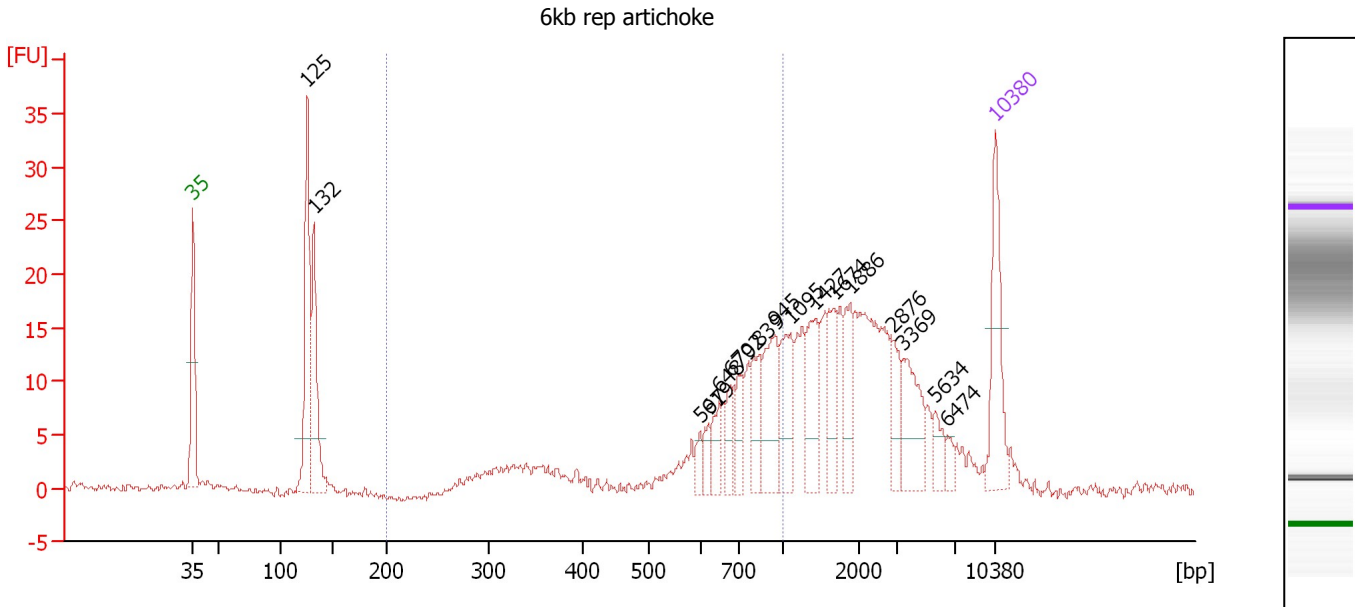
... Region table for sample 2 : pool 1 artichoke 1:3 dil.

| 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 | 514 | 4,053.3 | 1,254.59 | 1,261.6 | 86 | 28.0 | ■ |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2012-07-20\2012-07-20_001.xad

Created: 7/20/2012 11:39:38 AM
 Modified: 7/20/2012 12:29:45 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : 6kb rep artichoke

Number of peaks found: 17 Corr. Area 1: 105.9
 Noise: 0.4

Peak table for sample 3 : 6kb rep artichoke

| Peak | Size [bp] | Conc. [pg/µl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 125 | 190.64 | 2,309.4 | |
| 3 | 132 | 136.58 | 1,572.1 | |
| 4 | 597 | 14.73 | 37.4 | |
| 5 | 619 | 15.46 | 37.8 | |
| 6 | 648 | 29.15 | 68.1 | |
| 7 | 679 | 29.55 | 66.0 | |
| 8 | 702 | 33.30 | 71.9 | |
| 9 | 839 | 45.05 | 81.3 | |
| 10 | 945 | 74.47 | 119.4 | |
| 11 | 1,095 | 64.68 | 89.5 | |
| 12 | 1,427 | 61.42 | 65.2 | |
| 13 | 1,674 | 43.63 | 39.5 | |
| 14 | 1,886 | 44.49 | 35.7 | |
| 15 | 2,876 | 33.19 | 17.5 | |
| 16 | 3,369 | 62.18 | 28.0 | |
| 17 | 5,634 | 19.50 | 5.2 | |
| 18 | 6,474 | 9.79 | 2.3 | |
| 19 | 10,380 | 75.00 | 10.9 | Upper Marker |

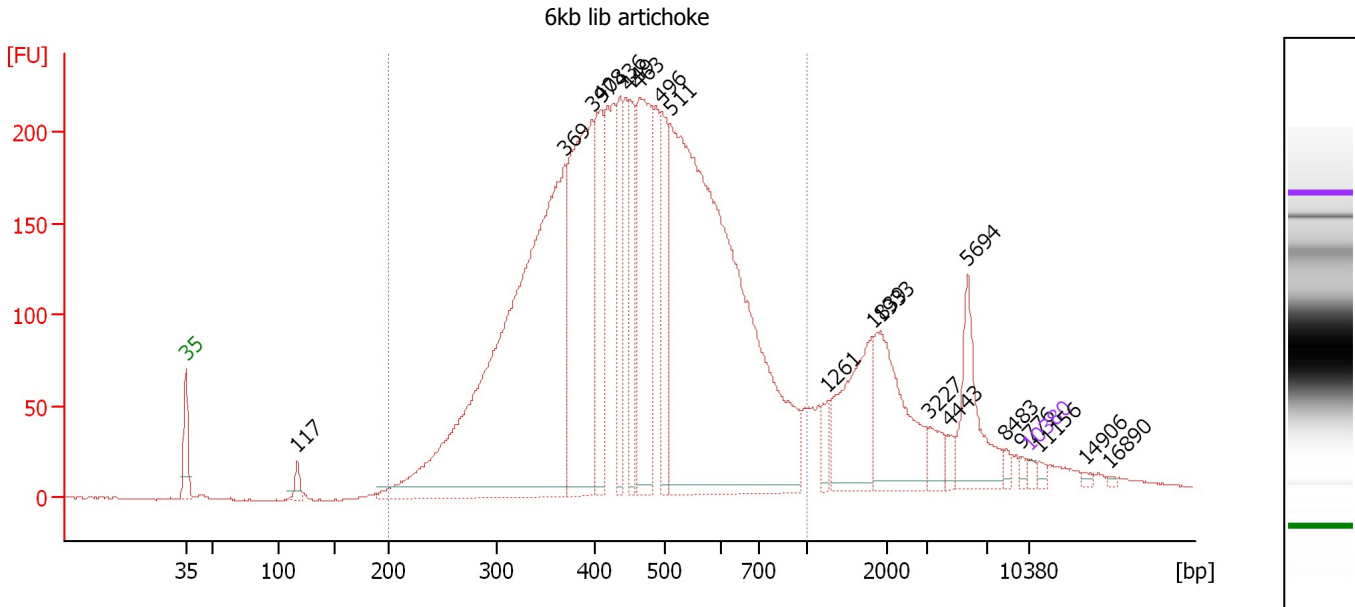
Region table for sample 3 : 6kb rep artichoke

| 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 | 713 | 954.0 | 382.55 | 105.9 | 29 | 26.7 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2012-07-20\2012-07-20_001.xad

Created: 7/20/2012 11:39:38 AM
 Modified: 7/20/2012 12:29:45 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : 6kb lib artichoke

Number of peaks found: 20 Corr. Area 1: 5,593.6
 Noise: 0.4

Peak table for sample 4 : 6kb lib artichoke

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 117 | 271.52 | 3,503.6 | |
| 3 | 369 | 15,072.25 | 61,911.4 | |
| 4 | 397 | 5,726.22 | 21,874.1 | |
| 5 | 408 | 2,128.96 | 7,898.5 | |
| 6 | 436 | 1,673.95 | 5,823.6 | |
| 7 | 449 | 1,528.48 | 5,161.4 | |
| 8 | 463 | 3,835.88 | 12,541.4 | |
| 9 | 496 | 1,743.51 | 5,326.2 | |
| 10 | 511 | 15,701.14 | 46,534.8 | |
| 11 | 1,261 | 299.25 | 359.6 | |
| 12 | 1,839 | 1,738.61 | 1,432.8 | |
| 13 | 1,933 | 1,834.67 | 1,438.4 | |
| 14 | 3,227 | 327.07 | 153.6 | |
| 15 | 4,443 | 152.53 | 52.0 | |
| 16 | 5,694 | 1,241.80 | 330.4 | |
| 17 | 8,483 | 87.57 | 15.6 | |
| 18 | 9,776 | 60.06 | 9.3 | |
| 19 | 10,380 | 75.00 | 10.9 | Upper Marker |
| 20 | 11,156 | 0.00 | 0.0 | |
| 21 | 14,906 | 0.00 | 0.0 | |
| 22 | 16,890 | 0.00 | 0.0 | |

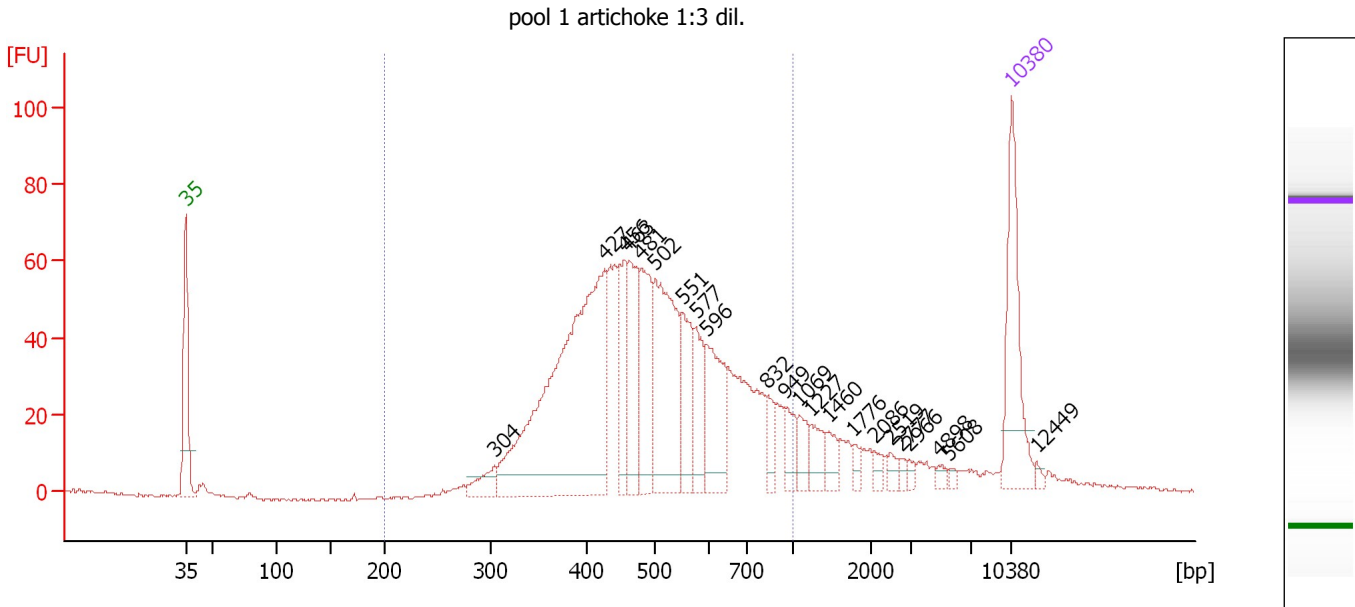
Region table for sample 4 : 6kb lib artichoke

| 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 | 467 | 191,981.7 | 52,762.46 | 5,593.6 | 85 | 29.3 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2012-07-20\2012-07-20_001.xad

Created: 7/20/2012 11:39:38 AM
 Modified: 7/20/2012 12:29:45 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : pool 1 artichoke 1:3 dil.

Number of peaks found: 22 Corr. Area 1: 1,211.9
 Noise: 0.4

Peak table for sample 5 : pool 1 artichoke 1:3 dil.


| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 304 | 22.98 | 114.4 | |
| 3 | 427 | 404.98 | 1,437.7 | |
| 4 | 456 | 60.59 | 201.3 | |
| 5 | 463 | 77.48 | 253.4 | |
| 6 | 481 | 83.47 | 262.7 | |
| 7 | 502 | 153.49 | 462.9 | |
| 8 | 551 | 57.27 | 157.5 | |
| 9 | 577 | 43.96 | 115.4 | |
| 10 | 596 | 69.39 | 176.5 | |
| 11 | 832 | 17.87 | 32.5 | |
| 12 | 949 | 20.49 | 32.7 | |
| 13 | 1,069 | 17.04 | 24.1 | |
| 14 | 1,227 | 19.57 | 24.2 | |
| 15 | 1,460 | 12.83 | 13.3 | |
| 16 | 1,776 | 6.27 | 5.4 | |
| 17 | 2,086 | 5.97 | 4.3 | |
| 18 | 2,519 | 6.04 | 3.6 | |
| 19 | 2,777 | 3.79 | 2.1 | |
| 20 | 2,966 | 4.01 | 2.0 | |
| 21 | 4,898 | 3.90 | 1.2 | |
| 22 | 5,608 | 2.58 | 0.7 | |
| 23 | 10,380 | 75.00 | 10.9 | Upper Marker |
| 24 | 12,449 | 0.00 | 0.0 | |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2012-07-20\2012-07-20_001.xad

Created: 7/20/2012 11:39:38 AM
Modified: 7/20/2012 12:29:45 PM

Electropherogram Summary Continued ...

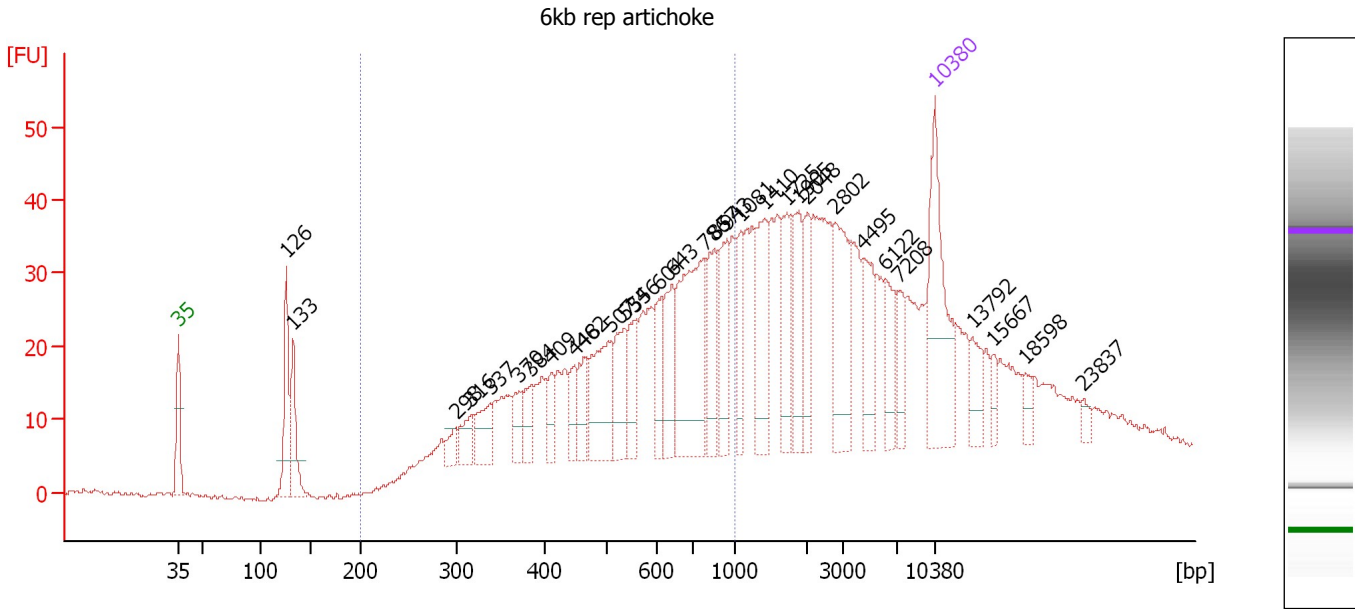
... Region table for sample 5 : pool 1 artichoke 1:3 dil.

| 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 | 514 | 3,865.3 | 1,197.42 | 1,211.9 | 86 | 28.0 |  |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2012-07-20\2012-07-20_001.xad

Created: 7/20/2012 11:39:38 AM
 Modified: 7/20/2012 12:29:45 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : 6kb rep artichoke

Number of peaks found: 31 Corr. Area 1: 564.2
 Noise: 0.4

Peak table for sample 6 : 6kb rep artichoke

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 126 | 63.49 | 765.0 | |
| 3 | 133 | 50.35 | 574.9 | |
| 4 | 298 | 13.03 | 66.2 | |
| 5 | 316 | 21.12 | 101.4 | |
| 6 | 337 | 28.77 | 129.4 | |
| 7 | 370 | 19.04 | 77.9 | |
| 8 | 384 | 18.57 | 73.2 | |
| 9 | 409 | 19.28 | 71.3 | |
| 10 | 448 | 17.74 | 60.1 | |
| 11 | 462 | 22.57 | 74.0 | |
| 12 | 507 | 64.58 | 193.2 | |
| 13 | 534 | 39.13 | 111.0 | |
| 14 | 556 | 30.97 | 84.3 | |
| 15 | 604 | 26.49 | 66.4 | |
| 16 | 643 | 43.13 | 101.7 | |
| 17 | 786 | 115.77 | 223.2 | |
| 18 | 857 | 39.87 | 70.5 | |
| 19 | 943 | 43.59 | 70.0 | |
| 20 | 1,081 | 27.01 | 37.9 | |
| 21 | 1,410 | 50.94 | 54.7 | |
| 22 | 1,725 | 33.51 | 29.4 | |
| 23 | 1,905 | 32.51 | 25.9 | |
| 24 | 2,048 | 26.19 | 19.4 | |
| 25 | 2,802 | 57.65 | 31.2 | |
| 26 | 4,495 | 34.18 | 11.5 | |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2012-07-20\2012-07-20_001.xad


Created: 7/20/2012 11:39:38 AM
 Modified: 7/20/2012 12:29:45 PM

Electropherogram Summary Continued ...

... Peak table for sample 6 : 6kb rep artichoke

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 27 | 6,122 | 26.04 | 6.4 | |
| 28 | 7,208 | 17.52 | 3.7 | |
| 29 | 10,380 | 75.00 | 10.9 | Upper Marker |
| 30 | 13,792 | 0.00 | 0.0 | |
| 31 | 15,667 | 0.00 | 0.0 | |
| 32 | 18,598 | 0.00 | 0.0 | |
| 33 | 23,837 | 0.00 | 0.0 | |

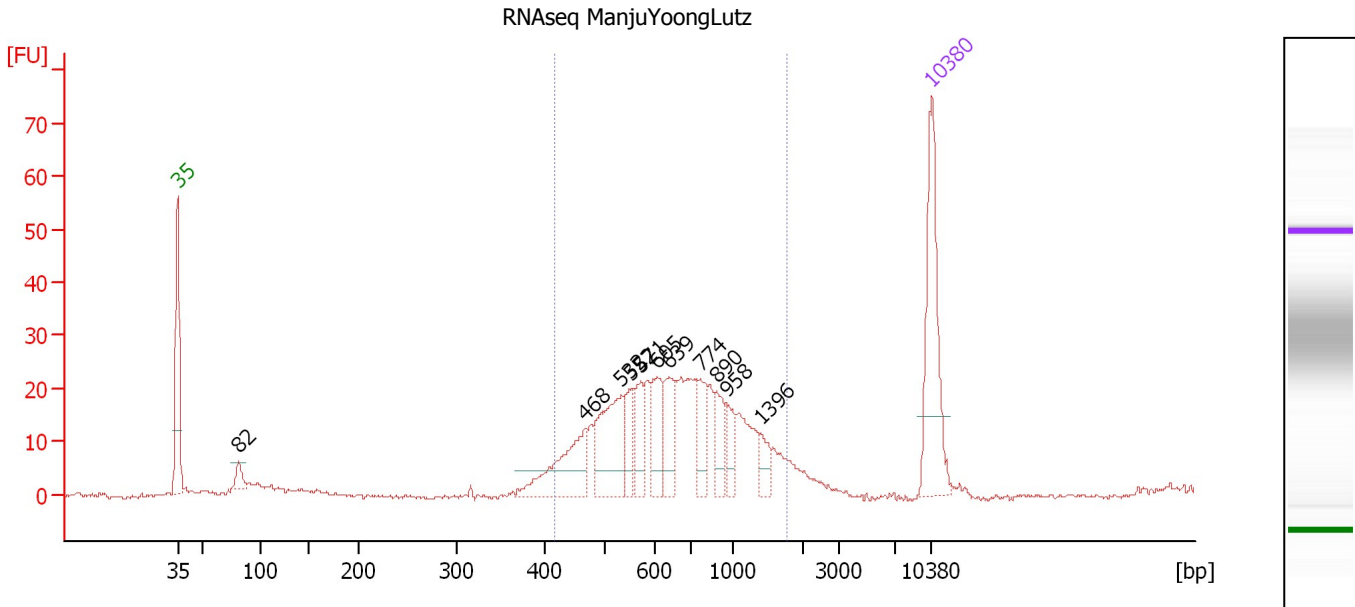
Region table for sample 6 : 6kb rep artichoke

| 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 | 580 | 2,677.4 | 870.37 | 564.2 | 45 | 32.9 |  |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2012-07-20\2012-07-20_001.xad

Created: 7/20/2012 11:39:38 AM
 Modified: 7/20/2012 12:29:45 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : RNAseq ManjuYoongLutz

Number of peaks found: 11 Corr. Area 1: 388.2
 Noise: 0.3

Peak table for sample 7 : RNAseq ManjuYoongLutz

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 82 | 13.64 | 252.3 | |
| 3 | 468 | 67.85 | 219.9 | |
| 4 | 532 | 73.45 | 209.0 | |
| 5 | 552 | 23.68 | 65.0 | |
| 6 | 571 | 27.50 | 73.0 | |
| 7 | 605 | 33.63 | 84.2 | |
| 8 | 639 | 32.40 | 76.8 | |
| 9 | 774 | 24.70 | 48.4 | |
| 10 | 890 | 24.75 | 42.1 | |
| 11 | 958 | 17.96 | 28.4 | |
| 12 | 1,396 | 13.90 | 15.1 | |
| 13 | 10,380 | 75.00 | 10.9 | Upper Marker |

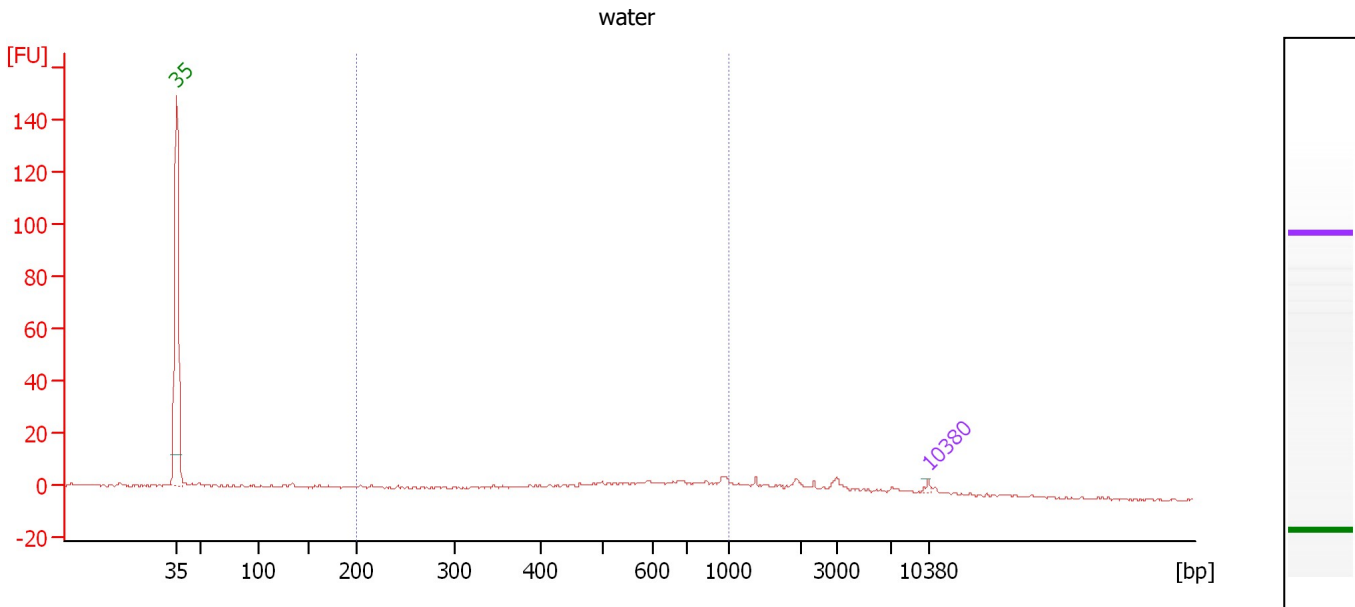
Region table for sample 7 : RNAseq ManjuYoongLutz

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 417 | 1,769 | 750 | 1,122.1 | 478.38 | 388.2 | 86 | 39.9 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2012-07-20\2012-07-20_001.xad

Created: 7/20/2012 11:39:38 AM
 Modified: 7/20/2012 12:29:45 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : water

Number of peaks found: 0 Corr. Area 1: 99.5
 Noise: 0.5

Peak table for sample 8 : water

| 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 |

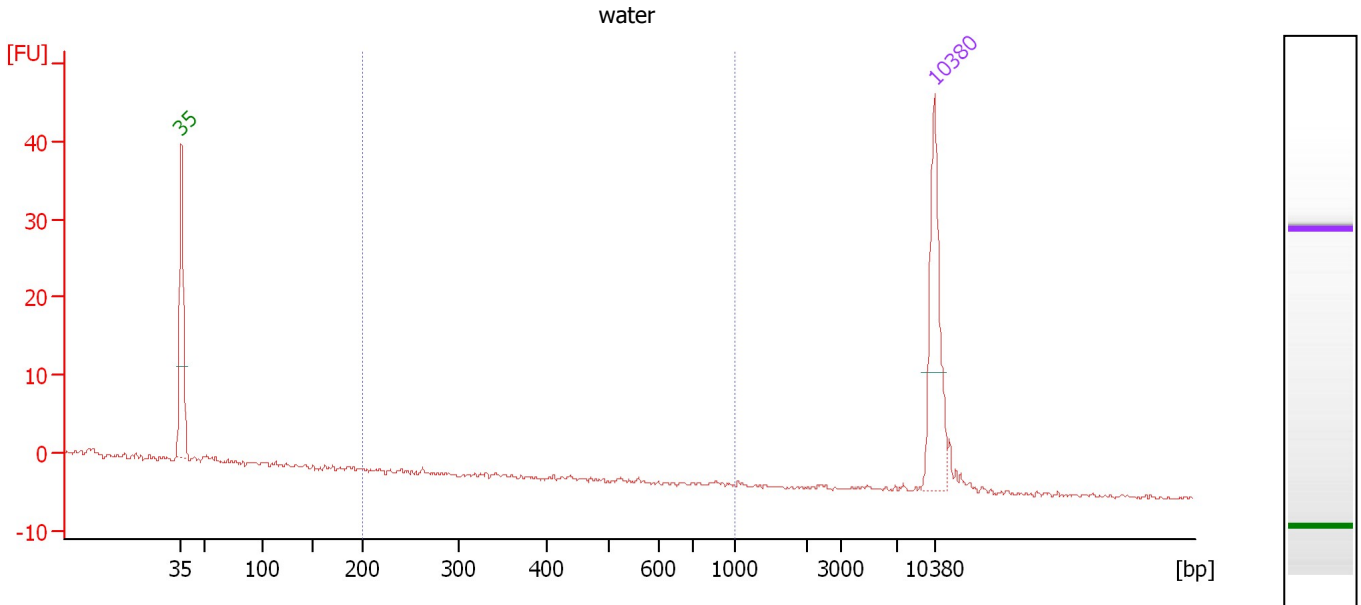
Region table for sample 8 : water

| 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 | 561 | 15,475.6 | 4,608.84 | 99.5 | 52 | 35.8 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2012-07-20\2012-07-20_001.xad

Created: 7/20/2012 11:39:38 AM
 Modified: 7/20/2012 12:29:45 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : water

Number of peaks found: 0 Corr. Area 1: 0.0
 Noise: 0.2

Peak table for sample 9 : water

| 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 |

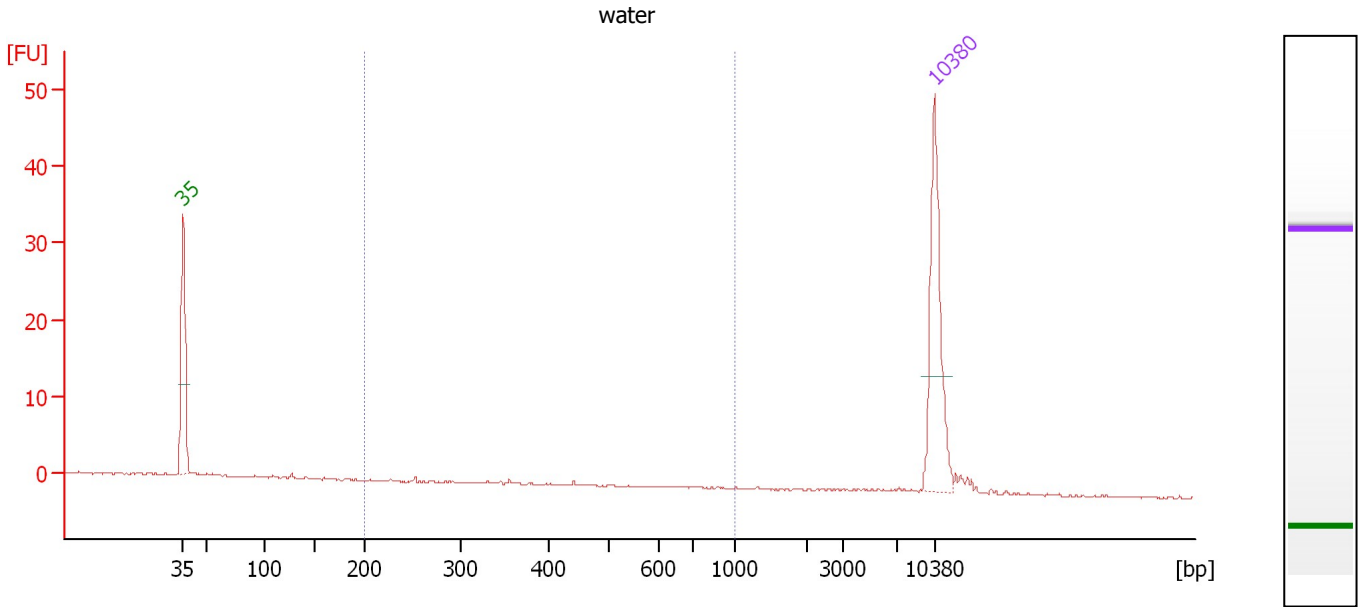
Region table for sample 9 : water

| 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 | 0 | 0.0 | 0.00 | 0.0 | 0 | 0.0 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2012-07-20\2012-07-20_001.xad

Created: 7/20/2012 11:39:38 AM
 Modified: 7/20/2012 12:29:45 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : water

Number of peaks found: 0 Corr. Area 1: 0.4
 Noise: 0.1

Peak table for sample 10 : water

| 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 |

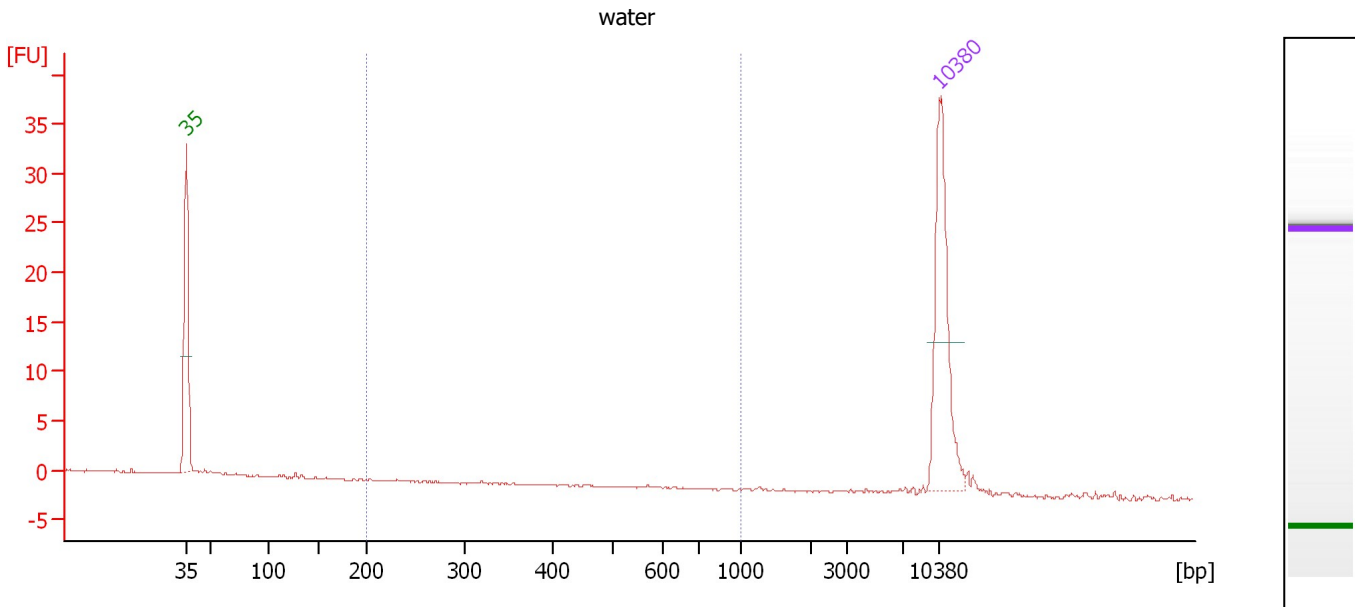
Region table for sample 10 : water

| 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 | 332 | 5.0 | 1.00 | 0.4 | 6 | 21.9 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2012-07-20\2012-07-20_001.xad

Created: 7/20/2012 11:39:38 AM
 Modified: 7/20/2012 12:29:45 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : water

Number of peaks found: 0 Corr. Area 1: 0.0
 Noise: 0.1

Peak table for sample 11 : water

| 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 |

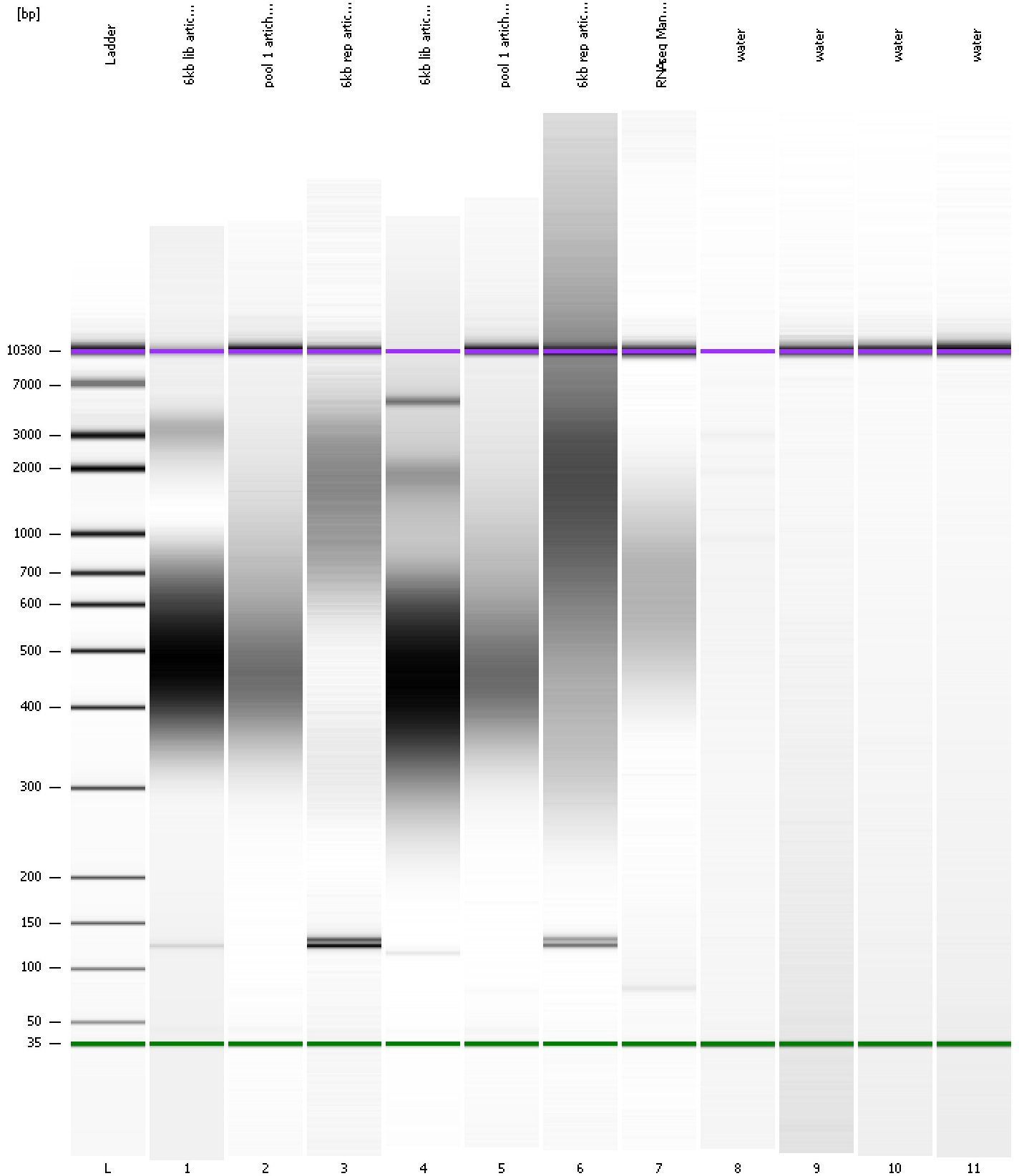
Region table for sample 11 : water

| 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 | 0 | 0.0 | 0.00 | 0.0 | 0 | 0.0 | Blue |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2012-07-20\2012-07-20_001.xad

Created: 7/20/2012 11:39:38 AM
Modified: 7/20/2012 12:29:45 PM

Gel Image



Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2012-07-20\2012-07-20_001.xad

Created: 7/20/2012 11:39:38 AM
Modified: 7/20/2012 12:29:45 PM

Curves

Standard Curve

