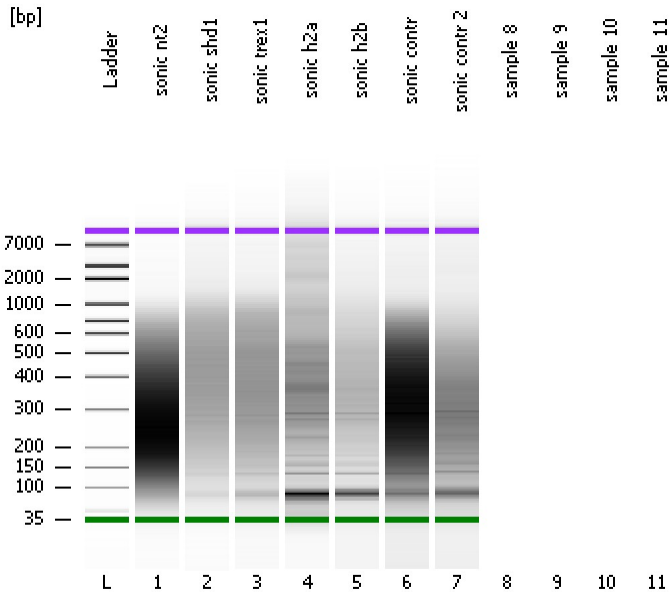


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-06-20\2013-06-20_005.xad

Created: 6/20/2013 4:29:32 PM
Modified: 6/20/2013 5:00:00 PM

Electrophoresis File Run Summary



Instrument Information:

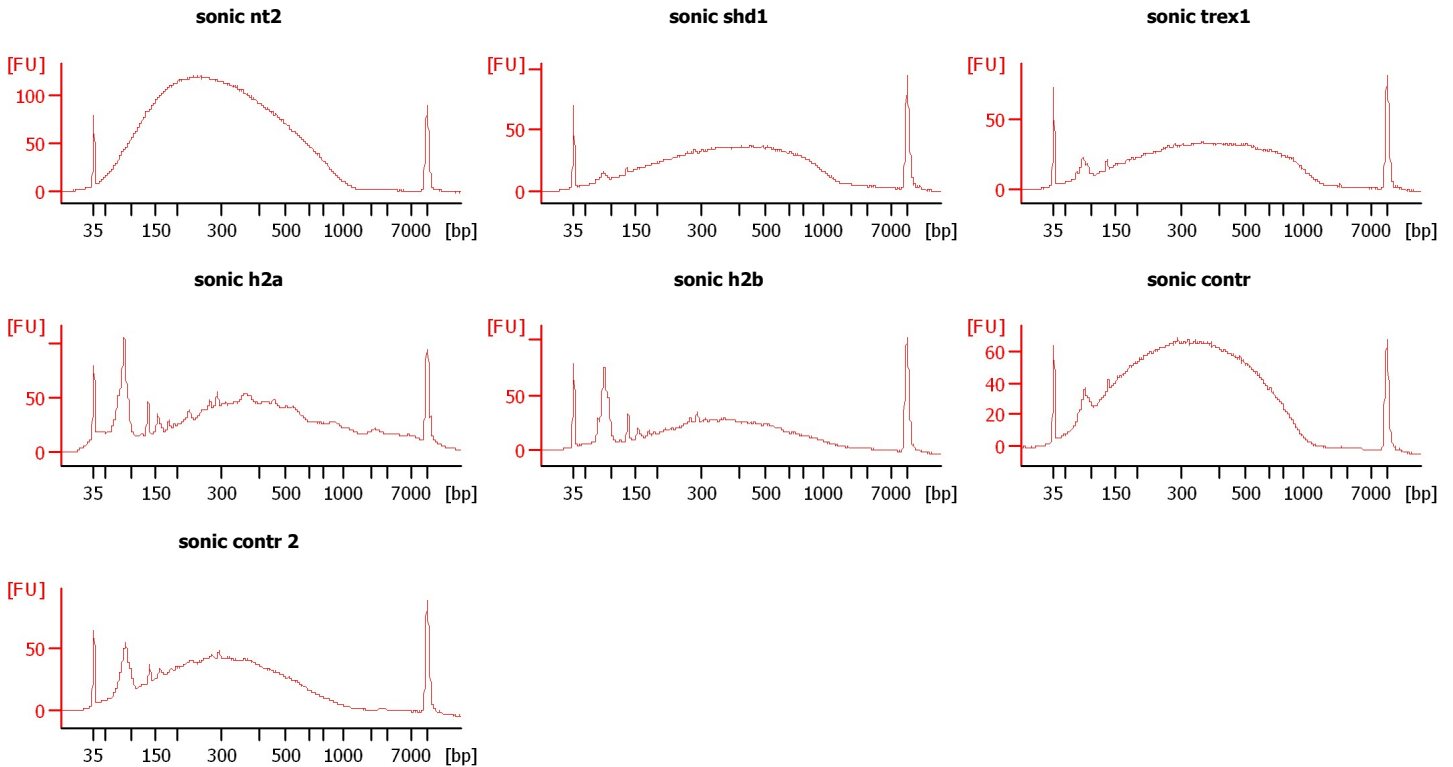
Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

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:\...ents and Settings\Bioanalyzer\2013-06-20\2013-06-20_005.xad

Created: 6/20/2013 4:29:32 PM
Modified: 6/20/2013 5:00:00 PM

Electrophoresis File Run Summary (Chip Summary)

| Sample Name | Sample Comment | Rest. Digest | Status | Observation | Result Label | Result Color |
|---------------|----------------|--------------------------|--------|-------------|--------------|--------------|
| sonic nt2 | | <input type="checkbox"/> | ✓ | | | |
| sonic shd1 | | <input type="checkbox"/> | ✓ | | | |
| sonic trex1 | | <input type="checkbox"/> | ✓ | | | |
| sonic h2a | | <input type="checkbox"/> | ✓ | | | |
| sonic h2b | | <input type="checkbox"/> | ✓ | | | |
| sonic contr | | <input type="checkbox"/> | ✓ | | | |
| sonic contr 2 | | <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\2013-06-20\2013-06-20_005.xad

Created: 6/20/2013 4:29:32 PM
Modified: 6/20/2013 5:00:00 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

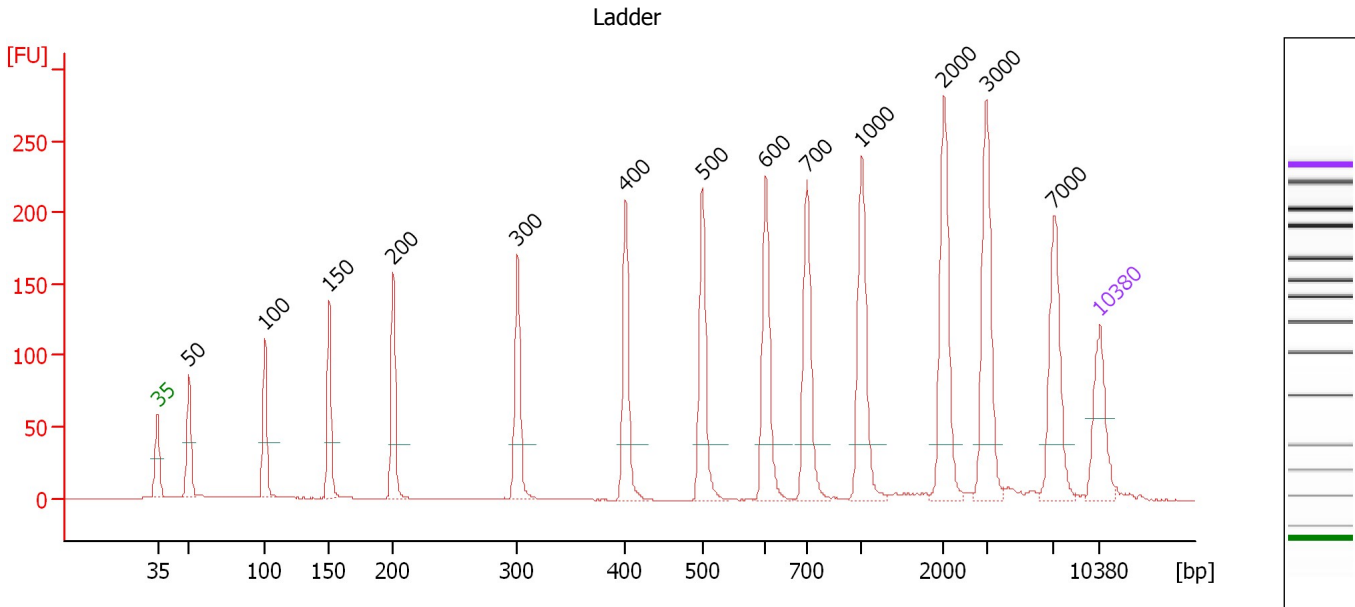
Ladder

| 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\2013-06-20\2013-06-20_005.xad

Created: 6/20/2013 4:29:32 PM
 Modified: 6/20/2013 5:00:00 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.2

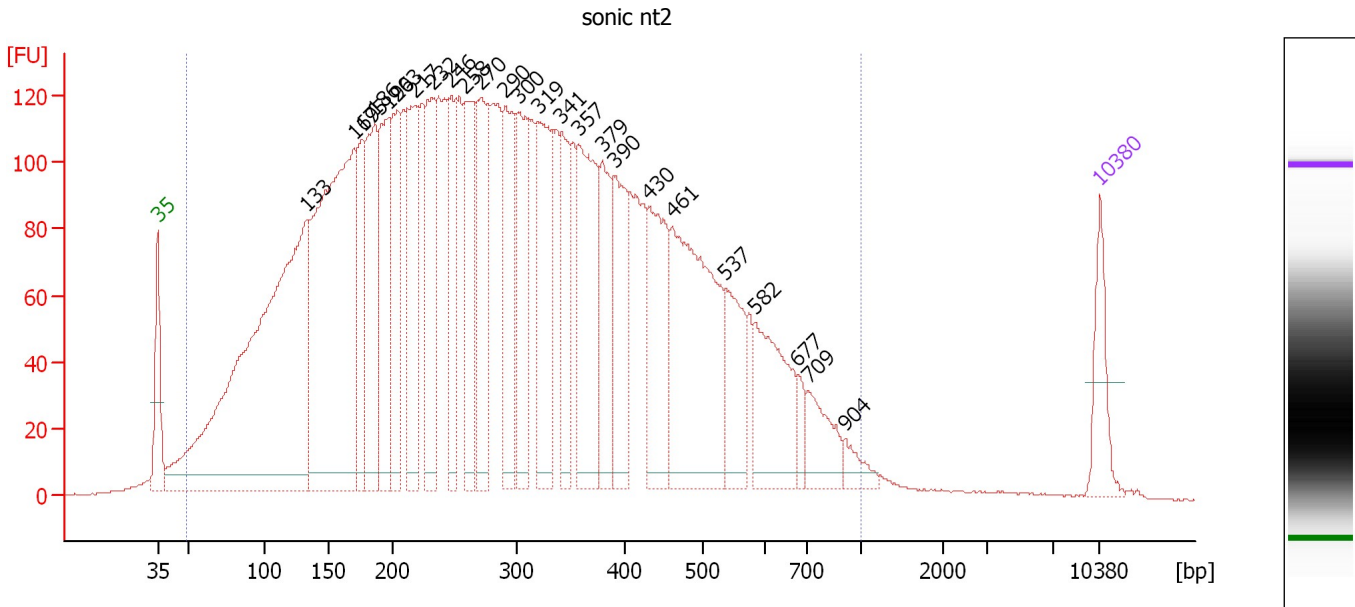
Peak table for Ladder

| 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\2013-06-20\2013-06-20_005.xad

Created: 6/20/2013 4:29:32 PM
 Modified: 6/20/2013 5:00:00 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : sonic nt2

Number of peaks found: 25 Corr. Area 1: 6,105.7
 Noise: 0.2

Peak table for sample 1 : sonic nt2

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 133 | 1,548.67 | 17,670.4 | |
| 3 | 169 | 1,055.56 | 9,450.3 | |
| 4 | 175 | 227.81 | 1,968.0 | |
| 5 | 186 | 332.60 | 2,712.2 | |
| 6 | 196 | 284.90 | 2,205.3 | |
| 7 | 203 | 254.88 | 1,898.4 | |
| 8 | 217 | 279.92 | 1,957.8 | |
| 9 | 232 | 244.95 | 1,601.1 | |
| 10 | 246 | 180.98 | 1,112.5 | |
| 11 | 258 | 254.68 | 1,494.3 | |
| 12 | 270 | 234.06 | 1,311.2 | |
| 13 | 290 | 230.11 | 1,204.1 | |
| 14 | 300 | 255.70 | 1,289.9 | |
| 15 | 319 | 291.88 | 1,386.7 | |
| 16 | 341 | 168.66 | 749.7 | |
| 17 | 357 | 334.94 | 1,423.0 | |
| 18 | 379 | 173.33 | 693.7 | |
| 19 | 390 | 200.11 | 776.6 | |
| 20 | 430 | 235.83 | 830.9 | |
| 21 | 461 | 488.99 | 1,607.6 | |
| 22 | 537 | 142.09 | 401.0 | |
| 23 | 582 | 201.23 | 524.1 | |
| 24 | 677 | 31.67 | 70.9 | |
| 25 | 709 | 88.95 | 190.1 | |
| 26 | 904 | 30.02 | 50.3 | |


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-06-20\2013-06-20_005.xad

Created: 6/20/2013 4:29:32 PM
Modified: 6/20/2013 5:00:00 PM

Electropherogram Summary Continued ...**... Peak table for sample 1 : sonic nt2**

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

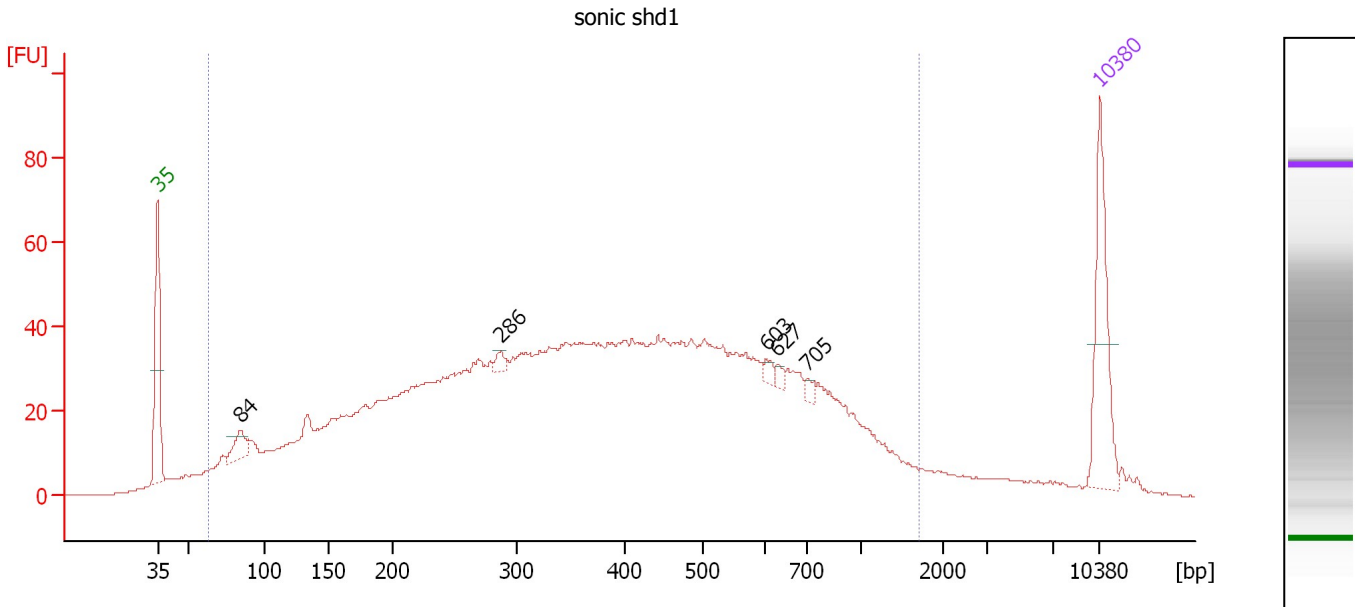
Region table for sample 1 : sonic nt2

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/ μ l] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------------|------------|------------|-----------------------------|---|
| 49 | 1,000 | 312 | 75,140.0 | 9,923.78 | 6,105.7 | 98 | 51.3 |  |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-06-20\2013-06-20_005.xad

Created: 6/20/2013 4:29:32 PM
 Modified: 6/20/2013 5:00:00 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : sonic shd1

Number of peaks found: 5 Corr. Area 1: 1,954.0
 Noise: 0.1

Peak table for sample 2 : sonic shd1

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 84 | 27.93 | 504.6 | |
| 3 | 286 | 8.20 | 43.4 | |
| 4 | 603 | 6.12 | 15.4 | |
| 5 | 627 | 5.25 | 12.7 | |
| 6 | 705 | 6.00 | 12.9 | |
| 7 | 10,380 | 75.00 | 10.9 | Upper Marker |

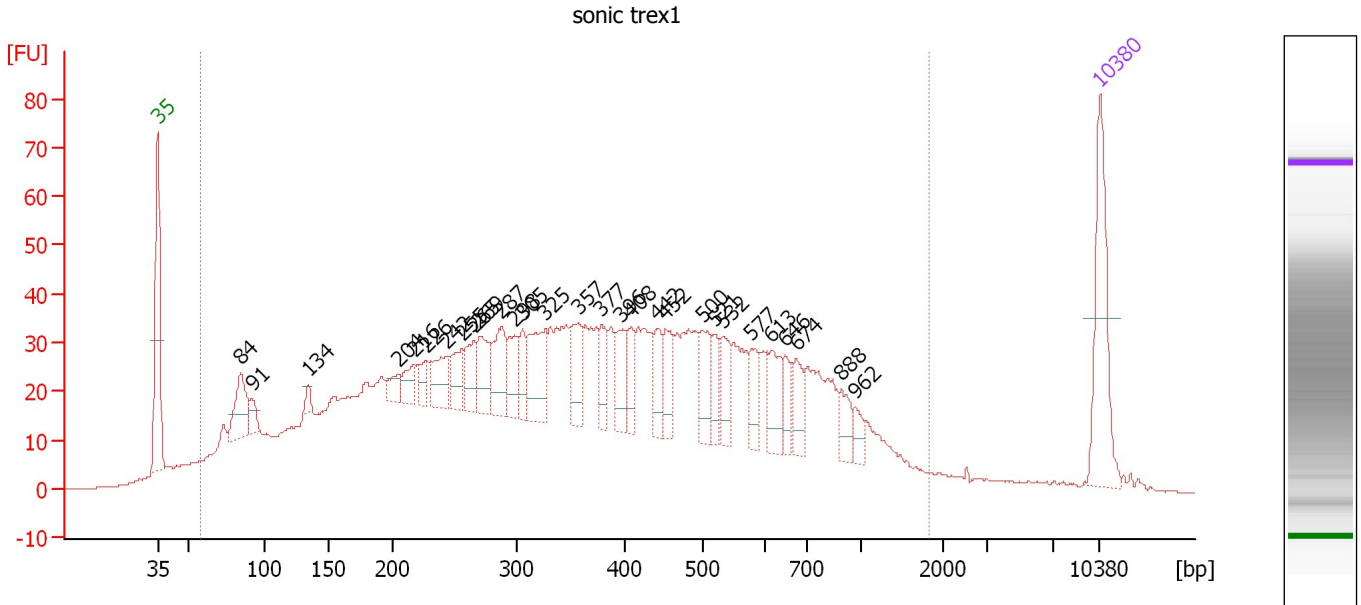
Region table for sample 2 : sonic shd1

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 63 | 1,690 | 426 | 17,881.5 | 2,888.16 | 1,954.0 | 94 | 60.4 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-06-20\2013-06-20_005.xad

Created: 6/20/2013 4:29:32 PM
 Modified: 6/20/2013 5:00:00 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : sonic trex1

Number of peaks found: 29 Corr. Area 1: 1,893.7
 Noise: 0.1

Peak table for sample 3 : sonic trex1

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 84 | 60.27 | 1,086.0 | |
| 3 | 91 | 17.57 | 291.1 | |
| 4 | 134 | 8.98 | 101.7 | |
| 5 | 204 | 16.81 | 124.9 | |
| 6 | 216 | 21.76 | 152.3 | |
| 7 | 226 | 18.09 | 121.0 | |
| 8 | 242 | 35.46 | 221.6 | |
| 9 | 255 | 31.55 | 187.1 | |
| 10 | 265 | 32.56 | 185.9 | |
| 11 | 269 | 38.92 | 218.9 | |
| 12 | 287 | 48.52 | 256.2 | |
| 13 | 298 | 32.25 | 164.0 | |
| 14 | 305 | 29.44 | 146.2 | |
| 15 | 325 | 61.64 | 287.2 | |
| 16 | 357 | 43.24 | 183.6 | |
| 17 | 377 | 27.72 | 111.3 | |
| 18 | 396 | 34.05 | 130.1 | |
| 19 | 408 | 24.83 | 92.2 | |
| 20 | 442 | 30.32 | 104.0 | |
| 21 | 452 | 32.05 | 107.4 | |
| 22 | 500 | 39.89 | 120.9 | |
| 23 | 521 | 23.46 | 68.3 | |
| 24 | 532 | 31.14 | 88.7 | |
| 25 | 577 | 25.78 | 67.7 | |
| 26 | 613 | 34.87 | 86.2 | |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-06-20\2013-06-20_005.xad


Created: 6/20/2013 4:29:32 PM
 Modified: 6/20/2013 5:00:00 PM

Electropherogram Summary Continued ...

... Peak table for sample 3 : sonic trex1

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 27 | 646 | 21.07 | 49.4 | |
| 28 | 674 | 25.88 | 58.2 | |
| 29 | 888 | 21.55 | 36.8 | |
| 30 | 962 | 11.64 | 18.3 | |
| 31 | 10,380 | 75.00 | 10.9 | Upper Marker |

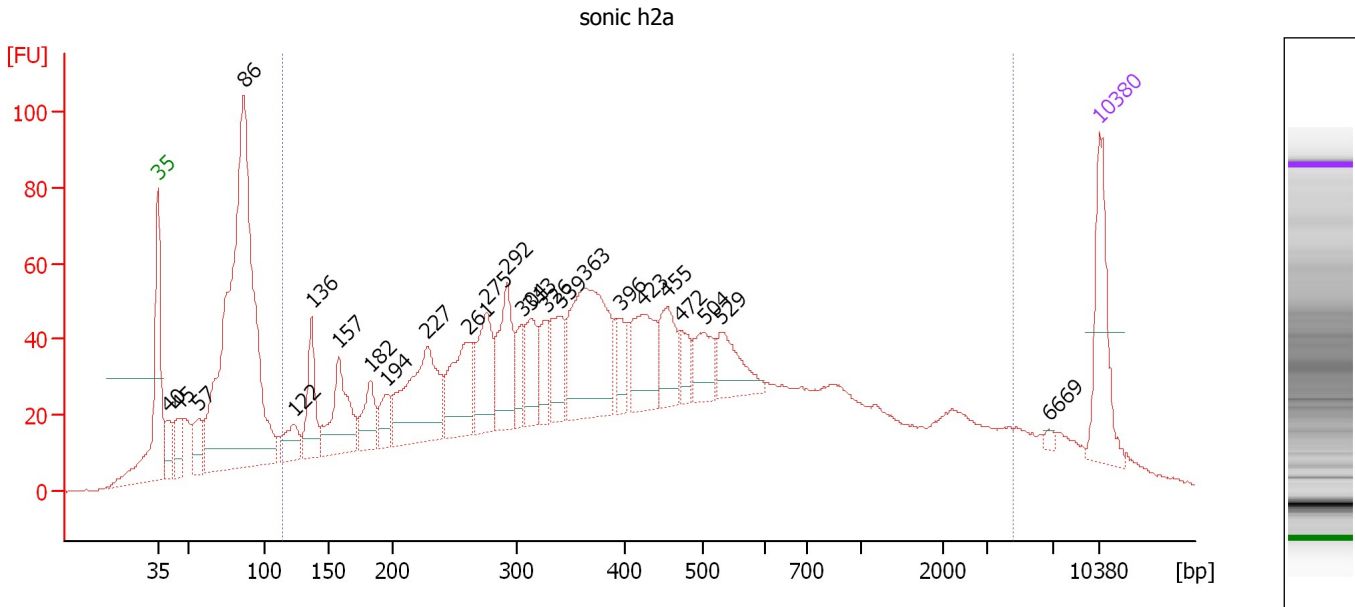
Region table for sample 3 : sonic trex1

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|---|
| 57 | 1,824 | 415 | 21,247.6 | 3,159.40 | 1,893.7 | 95 | 63.6 |  |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-06-20\2013-06-20_005.xad

Created: 6/20/2013 4:29:32 PM
 Modified: 6/20/2013 5:00:00 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : sonic h2a

Number of peaks found: 25 Corr. Area 1: 2,402.2
 Noise: 0.1

Peak table for sample 4 : sonic h2a

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 40 | 42.88 | 1,615.3 | |
| 3 | 45 | 43.85 | 1,462.1 | |
| 4 | 57 | 44.03 | 1,174.7 | |
| 5 | 86 | 809.56 | 14,240.3 | |
| 6 | 122 | 43.63 | 540.2 | |
| 7 | 136 | 83.72 | 930.7 | |
| 8 | 157 | 113.44 | 1,093.4 | |
| 9 | 182 | 51.82 | 431.2 | |
| 10 | 194 | 33.99 | 265.4 | |
| 11 | 227 | 171.14 | 1,140.9 | |
| 12 | 261 | 104.44 | 606.9 | |
| 13 | 275 | 87.02 | 479.2 | |
| 14 | 292 | 97.74 | 507.8 | |
| 15 | 304 | 33.85 | 168.8 | |
| 16 | 313 | 58.00 | 280.9 | |
| 17 | 326 | 37.60 | 174.5 | |
| 18 | 339 | 59.62 | 266.1 | |
| 19 | 363 | 196.62 | 820.4 | |
| 20 | 396 | 25.42 | 97.3 | |
| 21 | 423 | 78.89 | 282.6 | |
| 22 | 455 | 55.43 | 184.7 | |
| 23 | 472 | 24.54 | 78.7 | |
| 24 | 504 | 44.96 | 135.3 | |
| 25 | 529 | 53.95 | 154.6 | |
| 26 | 6,669 | 3.50 | 0.8 | |


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-06-20\2013-06-20_005.xad

Created: 6/20/2013 4:29:32 PM
Modified: 6/20/2013 5:00:00 PM

Electropherogram Summary Continued ...**... Peak table for sample 4 : sonic h2a**

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

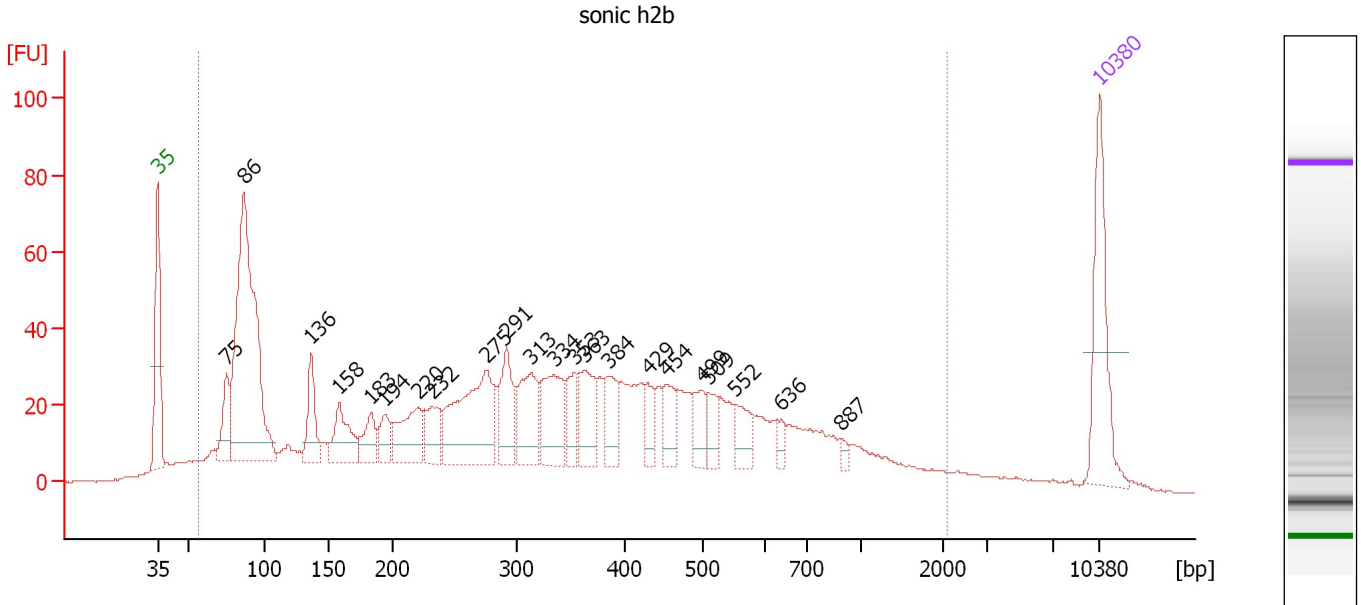
Region table for sample 4 : sonic h2a

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/ μ l] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------------|------------|------------|-----------------------------|---|
| 114 | 4,572 | 620 | 16,581.8 | 3,280.55 | 2,402.2 | 75 | 100.0 |  |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-06-20\2013-06-20_005.xad

Created: 6/20/2013 4:29:32 PM
 Modified: 6/20/2013 5:00:00 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : sonic h2b

Number of peaks found: 22 Corr. Area 1: 1,717.2
 Noise: 0.2

Peak table for sample 5 : sonic h2b

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 75 | 52.05 | 1,051.9 | |
| 3 | 86 | 385.57 | 6,767.2 | |
| 4 | 136 | 53.65 | 596.7 | |
| 5 | 158 | 54.69 | 525.5 | |
| 6 | 183 | 33.38 | 276.9 | |
| 7 | 194 | 27.14 | 212.4 | |
| 8 | 220 | 60.23 | 414.3 | |
| 9 | 232 | 38.12 | 249.4 | |
| 10 | 275 | 142.47 | 785.0 | |
| 11 | 291 | 60.57 | 315.4 | |
| 12 | 313 | 69.67 | 337.4 | |
| 13 | 334 | 71.34 | 324.0 | |
| 14 | 353 | 33.18 | 142.6 | |
| 15 | 363 | 53.82 | 224.8 | |
| 16 | 384 | 35.40 | 139.7 | |
| 17 | 429 | 21.93 | 77.4 | |
| 18 | 454 | 31.31 | 104.6 | |
| 19 | 499 | 25.99 | 78.8 | |
| 20 | 509 | 22.14 | 65.9 | |
| 21 | 552 | 28.21 | 77.4 | |
| 22 | 636 | 9.14 | 21.8 | |
| 23 | 887 | 5.03 | 8.6 | |
| 24 | 10,380 | 75.00 | 10.9 | Upper Marker |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-06-20\2013-06-20_005.xad

Created: 6/20/2013 4:29:32 PM
Modified: 6/20/2013 5:00:00 PM

Electropherogram Summary Continued ...

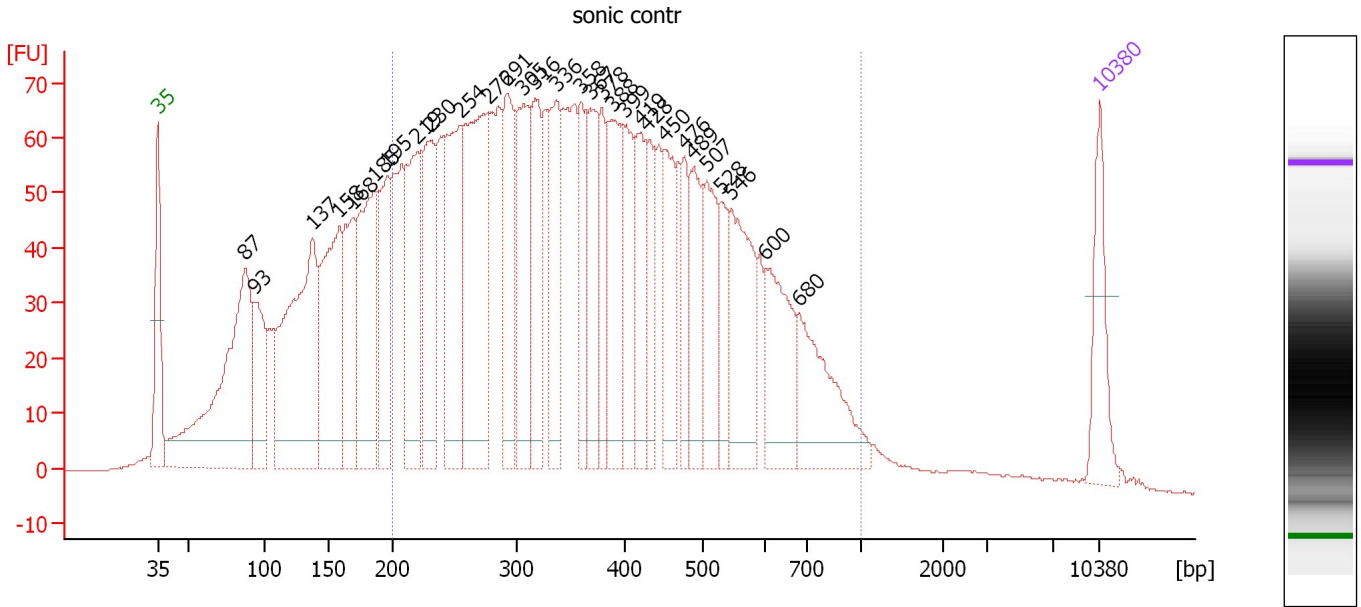
... Region table for sample 5 : sonic h2b

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 56 | 2,087 | 390 | 19,347.4 | 2,287.95 | 1,717.2 | 94 | 77.6 | ■ |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-06-20\2013-06-20_005.xad

Created: 6/20/2013 4:29:32 PM
 Modified: 6/20/2013 5:00:00 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : sonic contr

Number of peaks found: 30 Corr. Area 1: 2,544.5
 Noise: 0.1

Peak table for sample 6 : sonic contr

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 87 | 511.10 | 8,910.7 | |
| 3 | 93 | 143.46 | 2,331.4 | |
| 4 | 137 | 463.81 | 5,128.1 | |
| 5 | 158 | 296.28 | 2,840.0 | |
| 6 | 168 | 179.33 | 1,616.5 | |
| 7 | 185 | 287.19 | 2,350.7 | |
| 8 | 195 | 171.92 | 1,334.9 | |
| 9 | 219 | 211.49 | 1,461.3 | |
| 10 | 230 | 206.18 | 1,360.3 | |
| 11 | 254 | 256.12 | 1,527.9 | |
| 12 | 276 | 367.91 | 2,017.9 | |
| 13 | 291 | 172.60 | 897.9 | |
| 14 | 305 | 199.32 | 988.8 | |
| 15 | 316 | 144.28 | 691.5 | |
| 16 | 336 | 153.35 | 692.0 | |
| 17 | 358 | 99.26 | 419.6 | |
| 18 | 367 | 140.90 | 581.2 | |
| 19 | 378 | 93.02 | 372.8 | |
| 20 | 388 | 171.49 | 670.4 | |
| 21 | 399 | 110.98 | 421.5 | |
| 22 | 419 | 113.63 | 410.5 | |
| 23 | 428 | 85.95 | 304.4 | |
| 24 | 450 | 115.87 | 389.8 | |
| 25 | 476 | 71.73 | 228.2 | |
| 26 | 489 | 110.75 | 343.2 | |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-06-20\2013-06-20_005.xad

Created: 6/20/2013 4:29:32 PM
 Modified: 6/20/2013 5:00:00 PM

Electropherogram Summary Continued ...

... Peak table for sample 6 : sonic contr

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 27 | 507 | 118.21 | 353.4 | |
| 28 | 528 | 67.53 | 193.8 | |
| 29 | 546 | 166.01 | 460.5 | |
| 30 | 600 | 135.98 | 343.5 | |
| 31 | 680 | 156.30 | 348.2 | |
| 32 | 10,380 | 75.00 | 10.9 | Upper Marker |

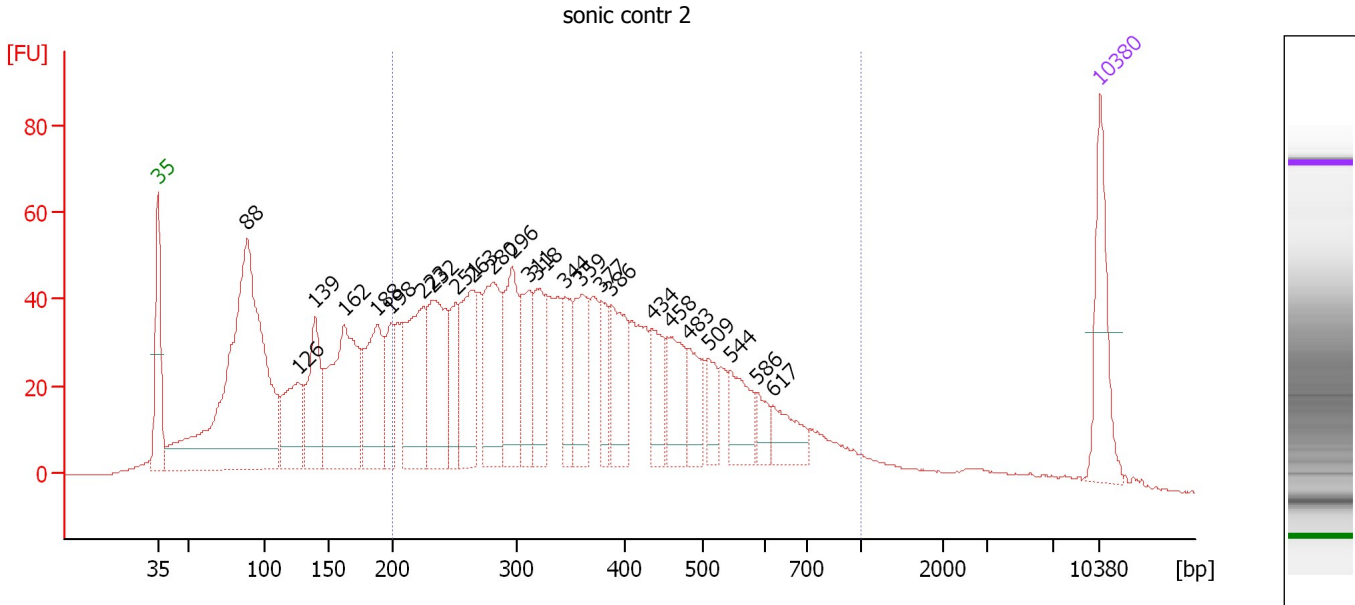
Region table for sample 6 : sonic contr

| 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 | 397 | 21,253.1 | 4,666.48 | 2,544.5 | 71 | 37.9 |  |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-06-20\2013-06-20_005.xad

Created: 6/20/2013 4:29:32 PM
 Modified: 6/20/2013 5:00:00 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : sonic contr 2

Number of peaks found: 25 Corr. Area 1: 1,535.7
 Noise: 0.1

Peak table for sample 7 : sonic contr 2

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 88 | 680.47 | 11,693.8 | |
| 3 | 126 | 108.08 | 1,303.9 | |
| 4 | 139 | 131.28 | 1,427.9 | |
| 5 | 162 | 244.11 | 2,280.9 | |
| 6 | 188 | 139.08 | 1,123.5 | |
| 7 | 198 | 58.17 | 444.6 | |
| 8 | 223 | 163.20 | 1,106.9 | |
| 9 | 232 | 156.98 | 1,026.2 | |
| 10 | 251 | 67.52 | 408.1 | |
| 11 | 263 | 125.24 | 720.7 | |
| 12 | 280 | 134.79 | 729.1 | |
| 13 | 296 | 123.97 | 634.9 | |
| 14 | 311 | 79.54 | 387.6 | |
| 15 | 318 | 82.61 | 393.4 | |
| 16 | 344 | 55.81 | 245.7 | |
| 17 | 359 | 83.42 | 351.8 | |
| 18 | 377 | 46.92 | 188.4 | |
| 19 | 386 | 89.50 | 350.9 | |
| 20 | 434 | 58.30 | 203.3 | |
| 21 | 458 | 69.69 | 230.4 | |
| 22 | 483 | 48.93 | 153.5 | |
| 23 | 509 | 35.02 | 104.2 | |
| 24 | 544 | 56.95 | 158.6 | |
| 25 | 586 | 22.83 | 59.0 | |
| 26 | 617 | 43.51 | 106.9 | |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-06-20\2013-06-20_005.xad

Created: 6/20/2013 4:29:32 PM
Modified: 6/20/2013 5:00:00 PM

Electropherogram Summary Continued ...**... Peak table for sample 7 : sonic contr 2**

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

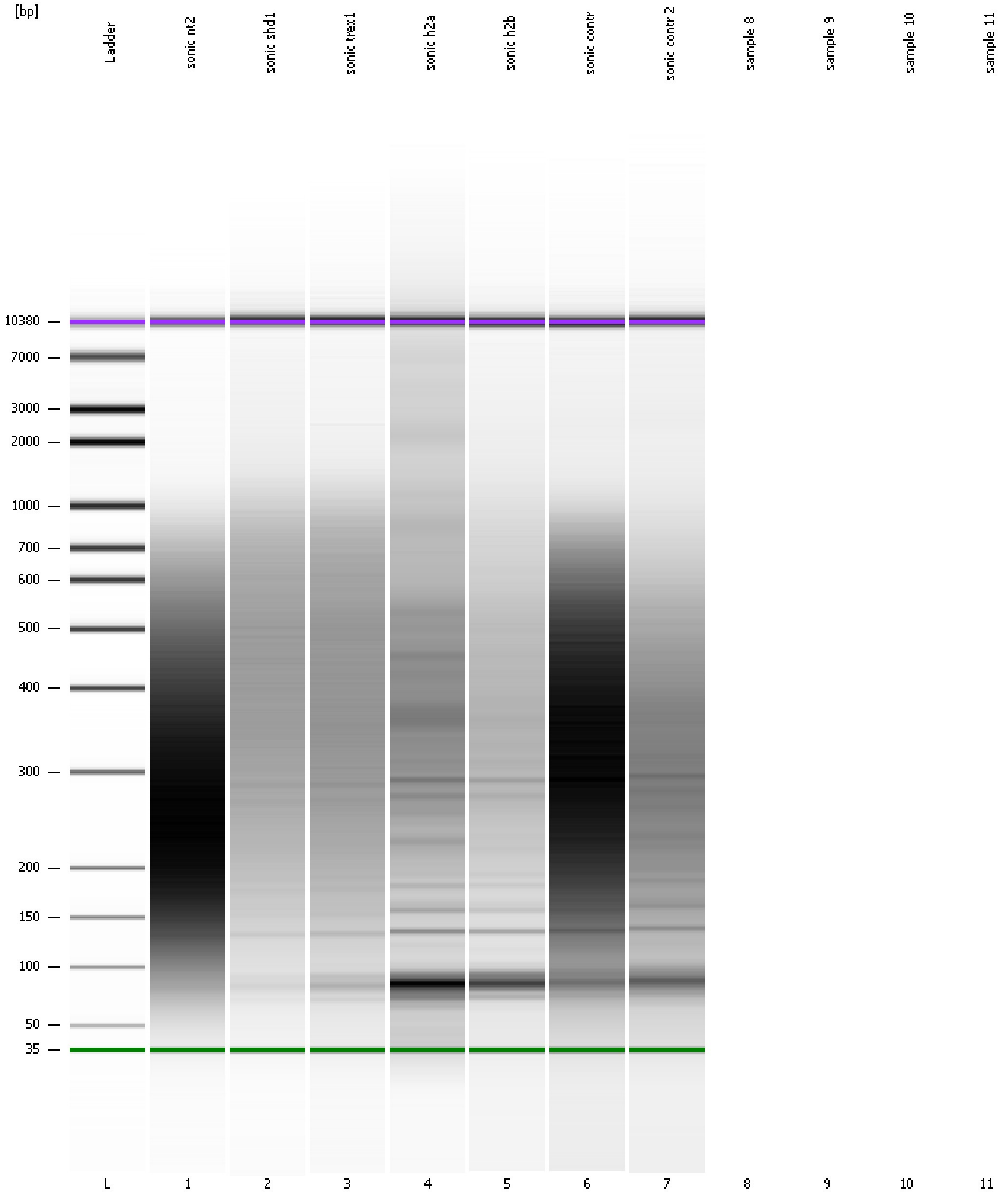
Region table for sample 7 : sonic contr 2

| 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 | 385 | 10,527.9 | 2,258.57 | 1,535.7 | 63 | 38.3 |  |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-06-20\2013-06-20_005.xad

Created: 6/20/2013 4:29:32 PM
Modified: 6/20/2013 5:00:00 PM

Gel Image



Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-06-20\2013-06-20_005.xad

Created: 6/20/2013 4:29:32 PM
Modified: 6/20/2013 5:00:00 PM

Invalid Samples

Sample 8 has not been run, no results available.

Sample 9 has not been run, no results available.

Sample 10 has not been run, no results available.

Sample 11 has not been run, no results available.

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-06-20\2013-06-20_005.xad

Created: 6/20/2013 4:29:32 PM
 Modified: 6/20/2013 5:00:00 PM

Run Logbook

| Description | Number | Source | Category | Sub Category | Time | Time Zone | User | Host |
|---|--------|------------|----------|--------------|----------------------|-------------------------------------|----------|----------|
| Run aborted on port 1 | | Instrument | Run | | 6/20/2013 4:59:40 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Run started on port 1 (File: C:\Documents and Settings\Bioanalyzer\2013-06-20\2013-06-20_005.xad) | | Instrument | Run | | 6/20/2013 4:29:33 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Product Number : G2938B | | Instrument | Run | | 6/20/2013 4:29:33 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Name : | | Instrument | Run | | 6/20/2013 4:29:33 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Vendor : Agilent Technologies | | Instrument | Run | | 6/20/2013 4:29:33 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Serial# : DE13701086 | | Instrument | Run | | 6/20/2013 4:29:33 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Firmware : C.01.069 | | Instrument | Run | | 6/20/2013 4:29:33 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Cartridge : Electrode | | Instrument | Run | | 6/20/2013 4:29:33 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |