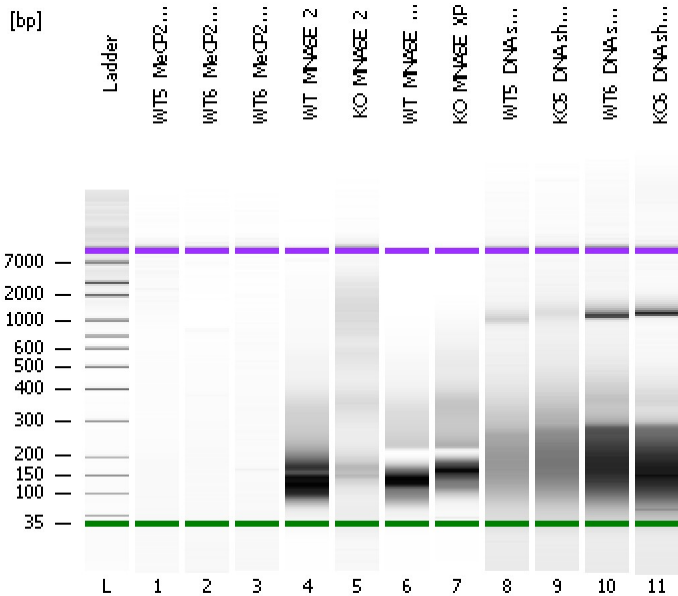


Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-08-02\2013-08-02_002.xad

Created: 8/2/2013 3:10:41 PM
 Modified: 8/2/2013 3:52:30 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

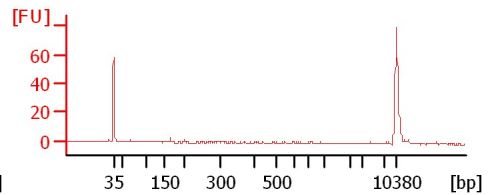
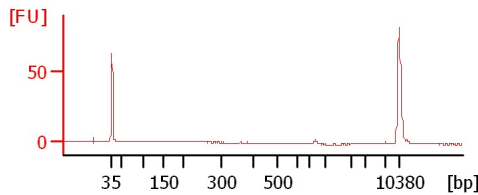
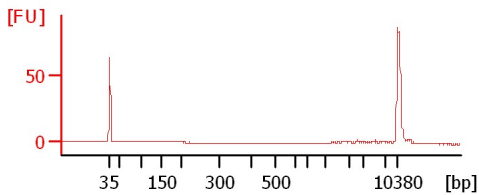
Chip Information:

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

WT5_MeCP2_ChIP

WT6_MeCP2_ChIP1

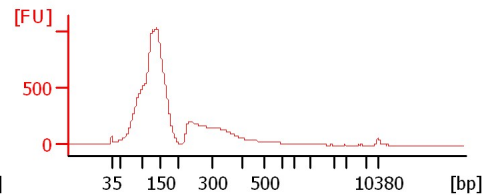
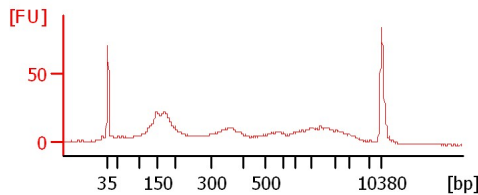
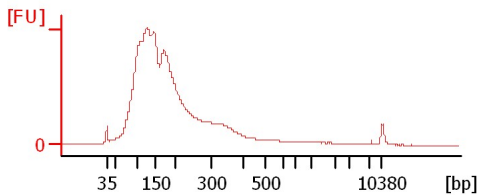
WT6_MeCP2_ChIP2



WT_MNASE_2

KO_MNASE_2

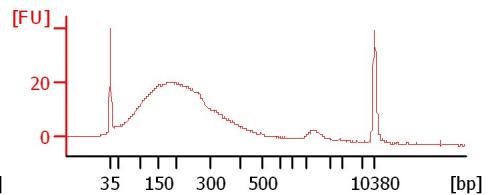
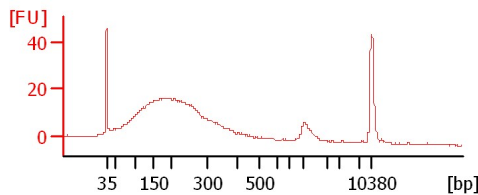
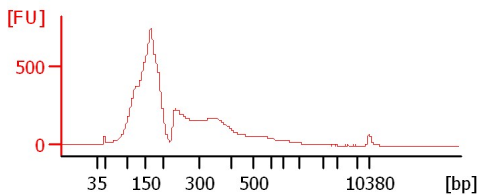
WT_MNASE_2_xp



KO_MNASE_XP

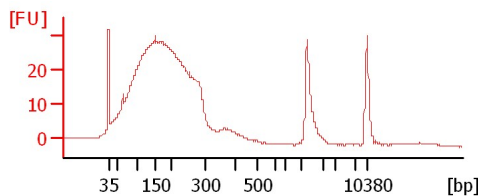
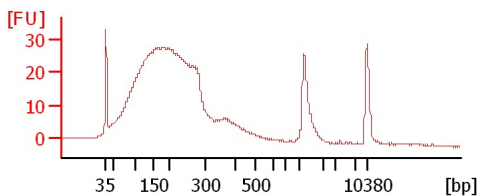
WT5_DNA shearing

KO5_DNA shearing



WT6_DNA shearing

KO6_DNA shearing



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-08-02\2013-08-02_002.xad

Created: 8/2/2013 3:10:41 PM
 Modified: 8/2/2013 3:52:30 PM

Electrophoresis File Run Summary (Chip Summary)

| Sample Name | Sample Comment | Rest. Digest | Status | Observation | Result Label | Result Color |
|------------------|----------------|--------------------------|--------|-------------|--------------|--------------|
| WT5_MeCP2_ChIP | | <input type="checkbox"/> | ✓ | | | |
| WT6_MeCP2_ChIP1 | | <input type="checkbox"/> | ✓ | | | |
| WT6_MeCP2_ChIP2 | | <input type="checkbox"/> | ✓ | | | |
| WT_MNASE_2 | | <input type="checkbox"/> | ✓ | | | |
| KO_MNASE_2 | | <input type="checkbox"/> | ✓ | | | |
| WT_MNASE_2_xp | | <input type="checkbox"/> | ✓ | | | |
| KO_MNASE_XP | | <input type="checkbox"/> | ✓ | | | |
| WT5_DNA shearing | | <input type="checkbox"/> | ✓ | | | |
| KO5_DNA shearing | | <input type="checkbox"/> | ✓ | | | |
| WT6_DNA shearing | | <input type="checkbox"/> | ✓ | | | |
| KO6_DNA shearing | | <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\2013-08-02\2013-08-02_002.xad

Created: 8/2/2013 3:10:41 PM
 Modified: 8/2/2013 3:52:30 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

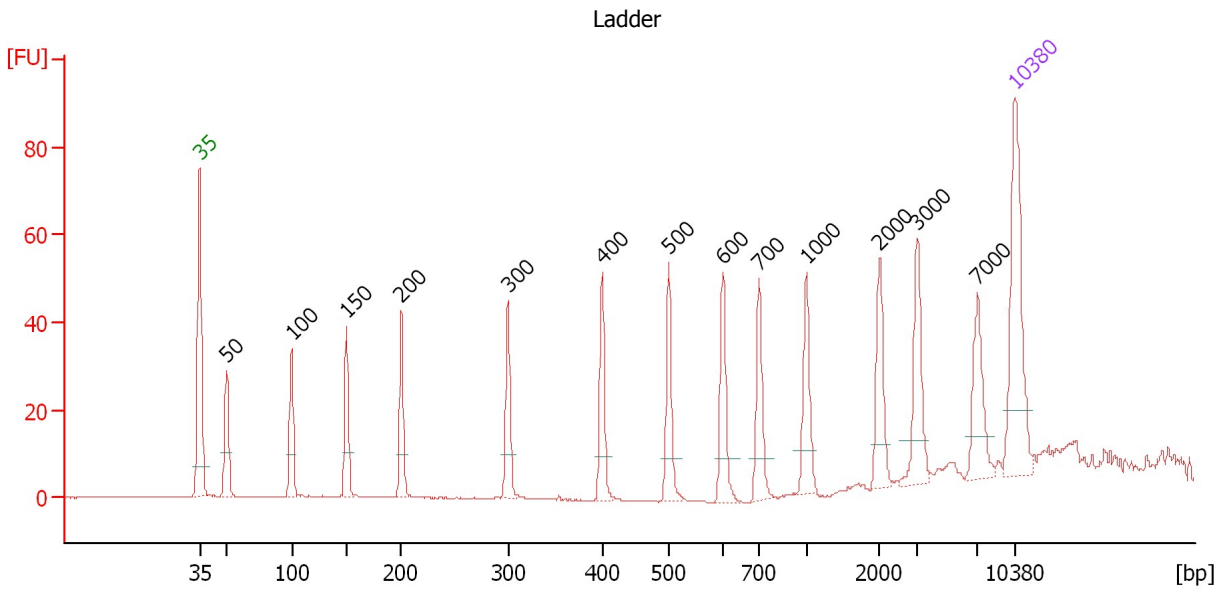
Ladder

| 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\2013-08-02\2013-08-02_002.xad

Created: 8/2/2013 3:10:41 PM
 Modified: 8/2/2013 3:52:30 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.1

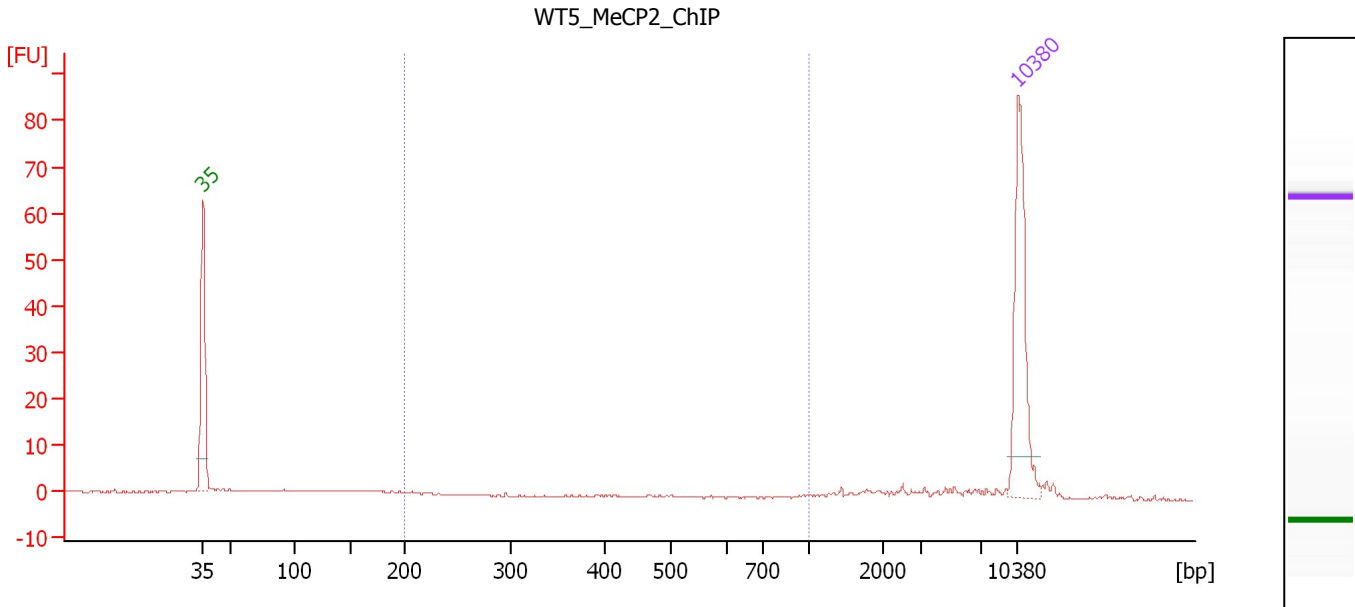
Peak table for Ladder

| 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\2013-08-02\2013-08-02_002.xad

Created: 8/2/2013 3:10:41 PM
 Modified: 8/2/2013 3:52:30 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : WT5_MeCP2_ChIP

Number of peaks found: 0 Corr. Area 1: 3.2
 Noise: 0.2

Peak table for sample 1 : WT5_MeCP2_ChIP

| 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 |

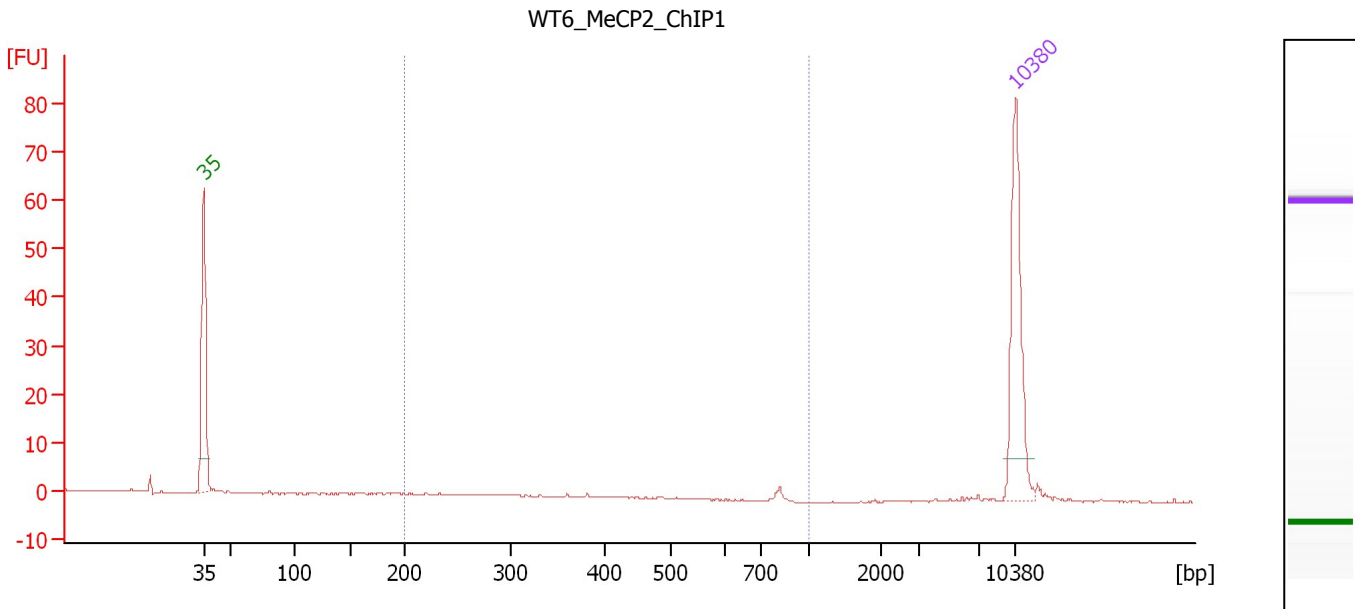
Region table for sample 1 : WT5_MeCP2_ChIP

| 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 | 547 | 19.8 | 4.37 | 3.2 | 6 | 52.4 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-08-02\2013-08-02_002.xad

Created: 8/2/2013 3:10:41 PM
 Modified: 8/2/2013 3:52:30 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : WT6_MeCP2_ChIP1

Number of peaks found: 0 Corr. Area 1: 2.1
 Noise: 0.1

Peak table for sample 2 : WT6_MeCP2_ChIP1

| 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 |

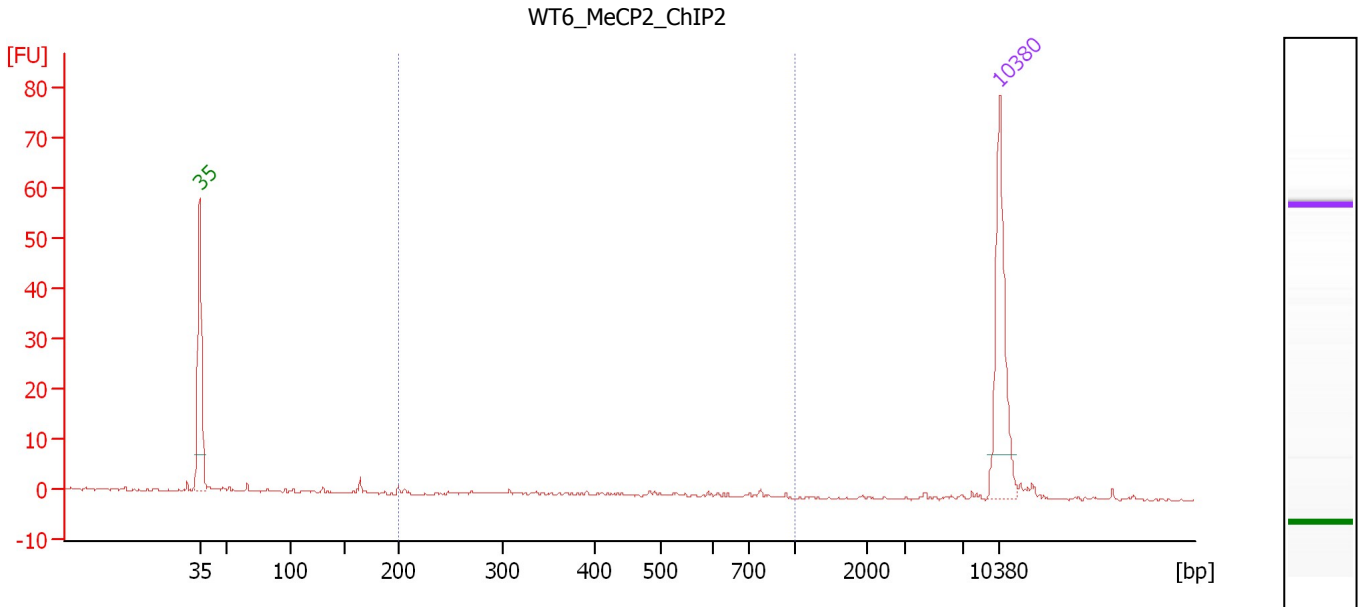
Region table for sample 2 : WT6_MeCP2_ChIP1

| 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 | 605 | 12.4 | 3.13 | 2.1 | 17 | 43.6 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-08-02\2013-08-02_002.xad

Created: 8/2/2013 3:10:41 PM
 Modified: 8/2/2013 3:52:30 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : WT6_MeCP2_ChIP2

Number of peaks found: 0 Corr. Area 1: 5.0
 Noise: 0.2

Peak table for sample 3 : WT6_MeCP2_ChIP2

| 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 |

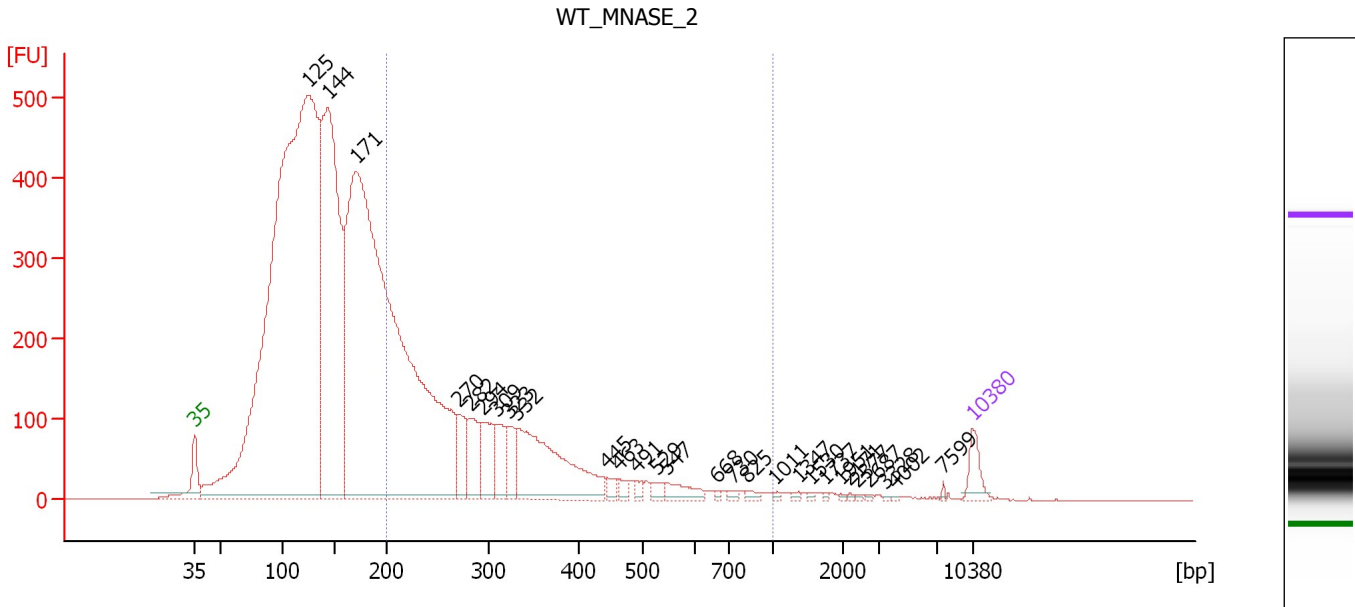
Region table for sample 3 : WT6_MeCP2_ChIP2

| 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 | 499 | 32.8 | 8.37 | 5.0 | 28 | 38.5 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-08-02\2013-08-02_002.xad

Created: 8/2/2013 3:10:41 PM
 Modified: 8/2/2013 3:52:30 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : WT_MNASE_2

Number of peaks found: 28 Corr. Area 1: 3,256.6
 Noise: 0.3

Peak table for sample 4 : WT_MNASE_2

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 125 | 8,040.11 | 97,221.5 | |
| 3 | 144 | 2,721.71 | 28,716.5 | |
| 4 | 171 | 6,537.36 | 58,077.8 | |
| 5 | 270 | 199.82 | 1,122.6 | |
| 6 | 282 | 233.79 | 1,257.3 | |
| 7 | 294 | 236.16 | 1,215.8 | |
| 8 | 309 | 188.88 | 926.3 | |
| 9 | 323 | 137.09 | 642.8 | |
| 10 | 332 | 807.75 | 3,686.2 | |
| 11 | 445 | 36.18 | 123.2 | |
| 12 | 463 | 36.63 | 120.0 | |
| 13 | 491 | 24.20 | 74.6 | |
| 14 | 529 | 36.29 | 103.8 | |
| 15 | 547 | 82.38 | 228.2 | |
| 16 | 668 | 8.86 | 20.1 | |
| 17 | 730 | 14.40 | 29.9 | |
| 18 | 825 | 16.65 | 30.6 | |
| 19 | 1,011 | 7.61 | 11.4 | |
| 20 | 1,347 | 8.80 | 9.9 | |
| 21 | 1,530 | 7.03 | 7.0 | |
| 22 | 1,737 | 5.33 | 4.6 | |
| 23 | 1,951 | 5.61 | 4.4 | |
| 24 | 2,171 | 4.17 | 2.9 | |
| 25 | 2,377 | 4.85 | 3.1 | |
| 26 | 2,687 | 4.85 | 2.7 | |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-08-02\2013-08-02_002.xad

Created: 8/2/2013 3:10:41 PM
 Modified: 8/2/2013 3:52:30 PM

Electropherogram Summary Continued ...

... Peak table for sample 4 : WT MNASE 2

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 27 | 3,328 | 2.83 | 1.3 | |
| 28 | 4,002 | 2.95 | 1.1 | |
| 29 | 7,599 | 5.41 | 1.1 | |
| 30 | 10,380 | 75.00 | 10.9 | Upper Marker |

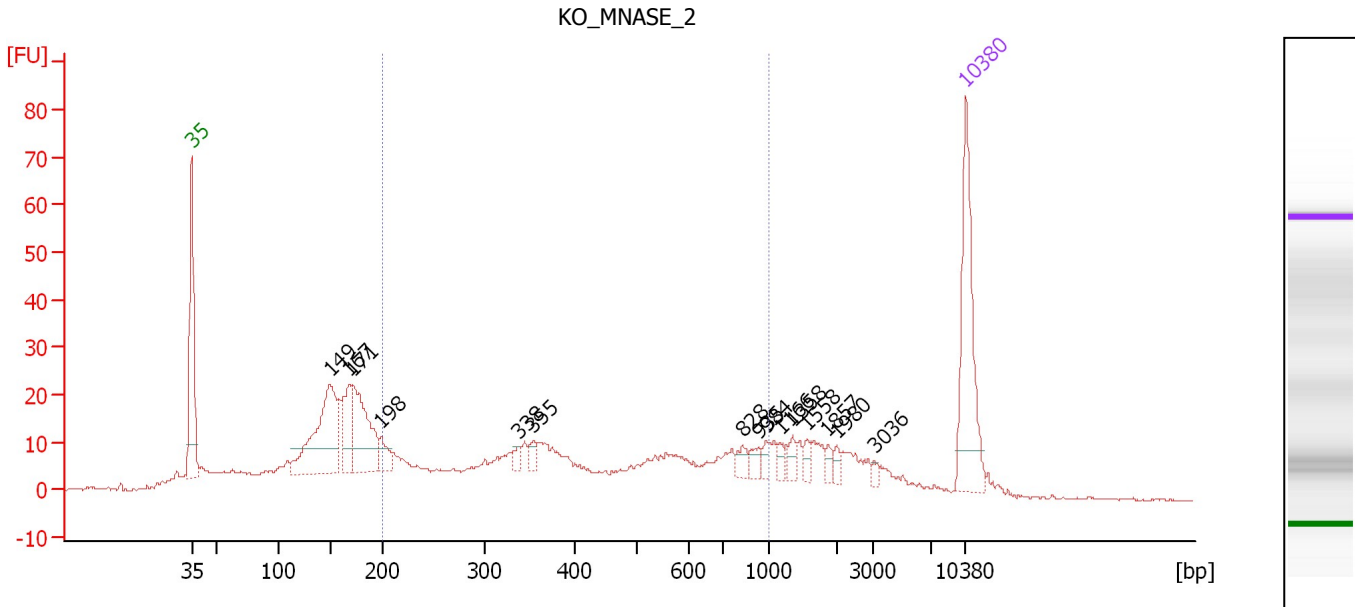
Region table for sample 4 : WT MNASE 2

| 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 | 314 | 24,476.0 | 4,452.12 | 3,256.6 | 27 | 39.2 |  |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-08-02\2013-08-02_002.xad

Created: 8/2/2013 3:10:41 PM
 Modified: 8/2/2013 3:52:30 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : KO MNASE 2

Number of peaks found: 15 Corr. Area 1: 328.2
 Noise: 0.3

Peak table for sample 5 : KO MNASE 2

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 149 | 133.30 | 1,357.2 | |
| 3 | 167 | 46.92 | 425.2 | |
| 4 | 171 | 91.03 | 807.6 | |
| 5 | 198 | 16.61 | 127.2 | |
| 6 | 338 | 7.05 | 31.6 | |
| 7 | 355 | 8.68 | 37.1 | |
| 8 | 828 | 8.33 | 15.2 | |
| 9 | 935 | 7.98 | 12.9 | |
| 10 | 984 | 5.30 | 8.2 | |
| 11 | 1,166 | 5.55 | 7.2 | |
| 12 | 1,358 | 7.91 | 8.8 | |
| 13 | 1,558 | 5.88 | 5.7 | |
| 14 | 1,857 | 4.81 | 3.9 | |
| 15 | 1,980 | 4.31 | 3.3 | |
| 16 | 3,036 | 2.78 | 1.4 | |
| 17 | 10,380 | 75.00 | 10.9 | Upper Marker |

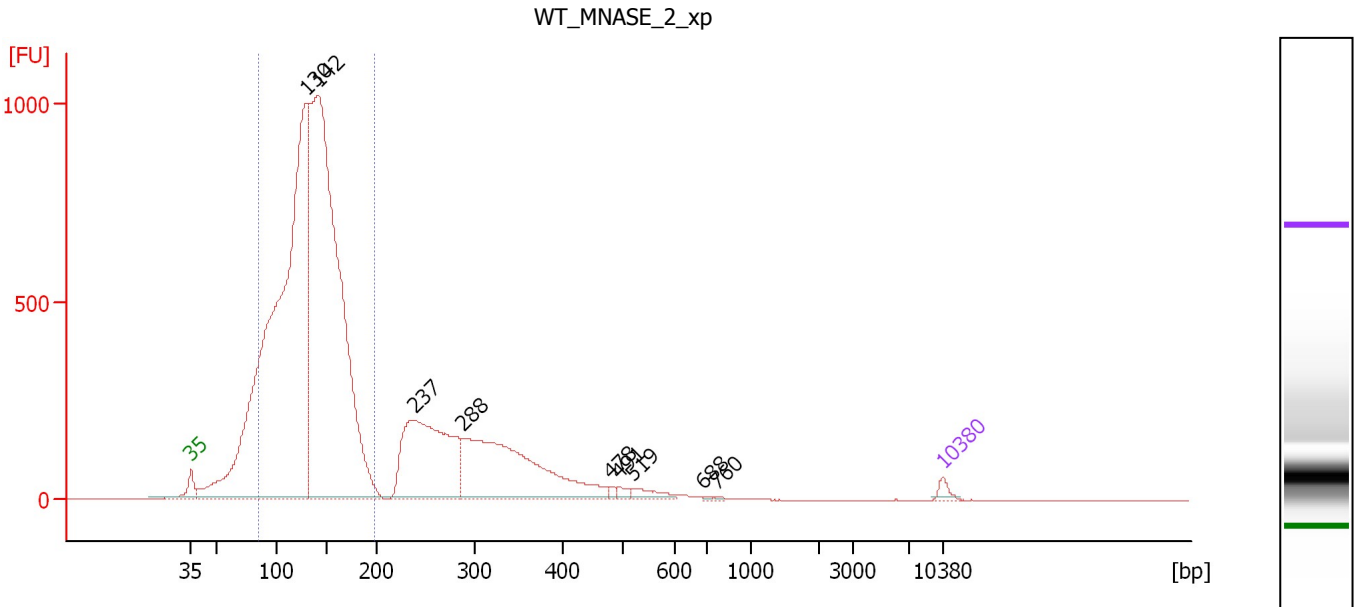
Region table for sample 5 : KO MNASE 2

| 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 | 473 | 1,825.6 | 437.65 | 328.2 | 42 | 44.1 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-08-02\2013-08-02_002.xad

Created: 8/2/2013 3:10:41 PM
 Modified: 8/2/2013 3:52:30 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : WT_MNASE_2_xp

Number of peaks found: 9 Corr. Area 1: 11,414.9
 Noise: 0.4

Peak table for sample 6 : WT_MNASE_2_xp

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 130 | 17,142.07 | 199,765.9 | |
| 3 | 142 | 15,302.38 | 163,222.9 | |
| 4 | 237 | 3,658.40 | 23,359.7 | |
| 5 | 288 | 3,929.02 | 20,674.9 | |
| 6 | 478 | 56.76 | 180.0 | |
| 7 | 491 | 81.54 | 251.8 | |
| 8 | 519 | 191.31 | 558.2 | |
| 9 | 688 | 14.60 | 32.2 | |
| 10 | 760 | 10.10 | 20.1 | |
| 11 | 10,380 | 75.00 | 10.9 | Upper Marker |

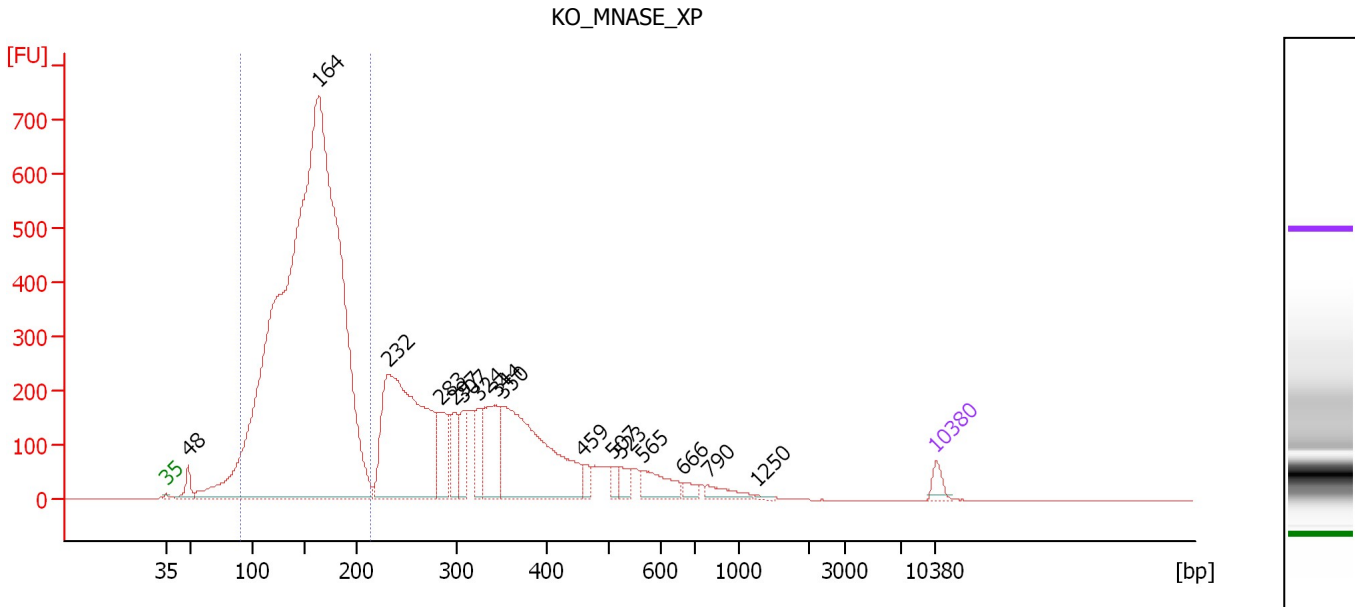
Region table for sample 6 : WT_MNASE_2_xp

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 86 | 197 | 134 | 348,887.1 | 29,740.08 | 11,414.9 | 70 | 18.4 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-08-02\2013-08-02_002.xad

Created: 8/2/2013 3:10:41 PM
 Modified: 8/2/2013 3:52:30 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : KO MNASE XP

Number of peaks found: 16 Corr. Area 1: 8,337.9
 Noise: 0.2

Peak table for sample 7 : KO MNASE XP

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 48 | 188.68 | 5,952.6 | |
| 3 | 164 | 17,074.26 | 158,209.3 | |
| 4 | 232 | 3,104.41 | 20,247.2 | |
| 5 | 283 | 452.92 | 2,428.2 | |
| 6 | 297 | 336.76 | 1,718.5 | |
| 7 | 307 | 255.82 | 1,263.9 | |
| 8 | 324 | 273.79 | 1,280.3 | |
| 9 | 344 | 669.60 | 2,951.3 | |
| 10 | 350 | 1,907.52 | 8,249.5 | |
| 11 | 459 | 101.30 | 334.4 | |
| 12 | 507 | 87.07 | 260.1 | |
| 13 | 523 | 108.37 | 314.1 | |
| 14 | 565 | 272.53 | 730.5 | |
| 15 | 666 | 72.25 | 164.3 | |
| 16 | 790 | 119.46 | 229.0 | |
| 17 | 1,250 | 16.89 | 20.5 | |
| 18 | 10,380 | 75.00 | 10.9 | Upper Marker |

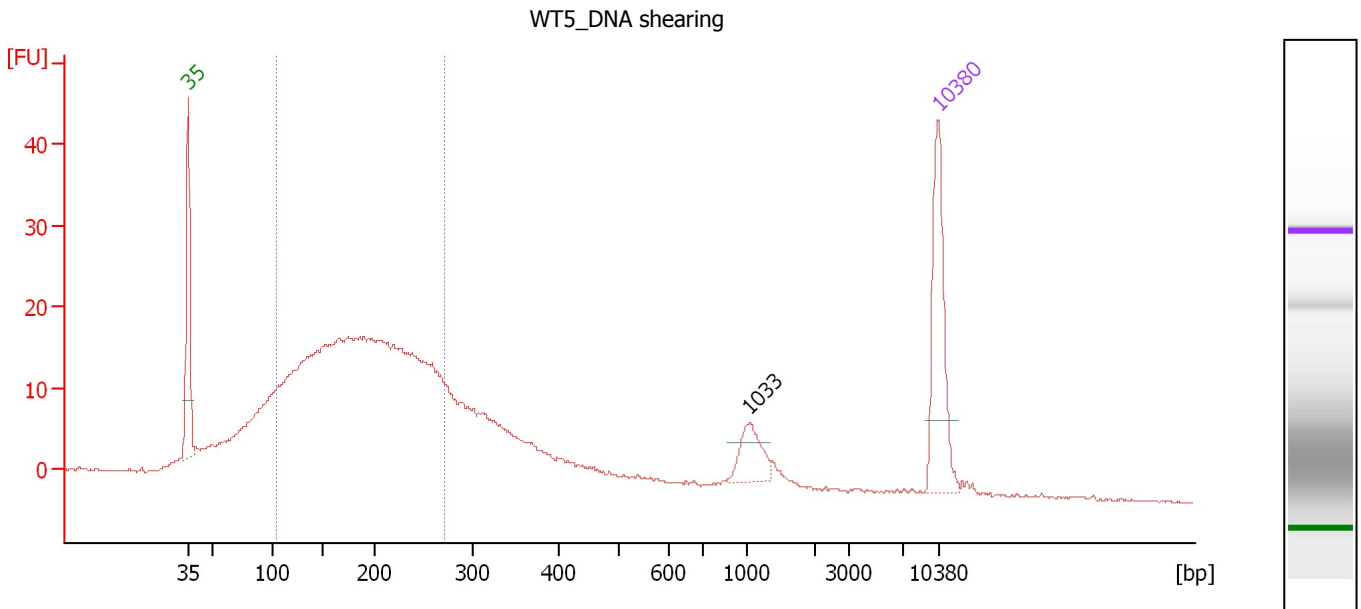
Region table for sample 7 : KO MNASE XP

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 89 | 213 | 153 | 178,263.9 | 17,254.56 | 8,337.9 | 61 | 17.8 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-08-02\2013-08-02_002.xad

Created: 8/2/2013 3:10:41 PM
 Modified: 8/2/2013 3:52:30 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : WT5 DNA shearing

Number of peaks found: 1 Corr. Area 1: 403.3
 Noise: 0.2

Peak table for sample 8 : WT5 DNA shearing

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 1,033 | 31.77 | 46.6 | |
| 3 | 10,380 | 75.00 | 10.9 | Upper Marker |

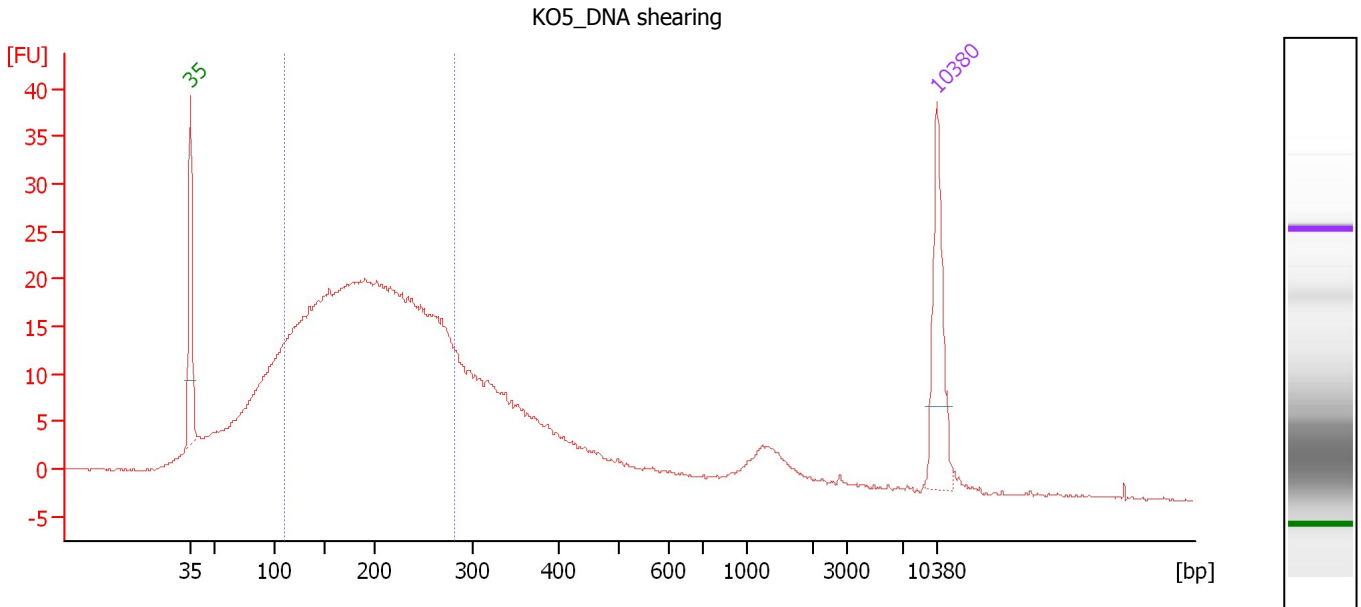
Region table for sample 8 : WT5 DNA shearing

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 104 | 272 | 188 | 9,670.0 | 1,098.54 | 403.3 | 61 | 24.5 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-08-02\2013-08-02_002.xad

Created: 8/2/2013 3:10:41 PM
 Modified: 8/2/2013 3:52:30 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : KO5_DNA shearing

Number of peaks found: 0 Corr. Area 1: 483.1
 Noise: 0.1

Peak table for sample 9 : KO5_DNA shearing

| 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 |

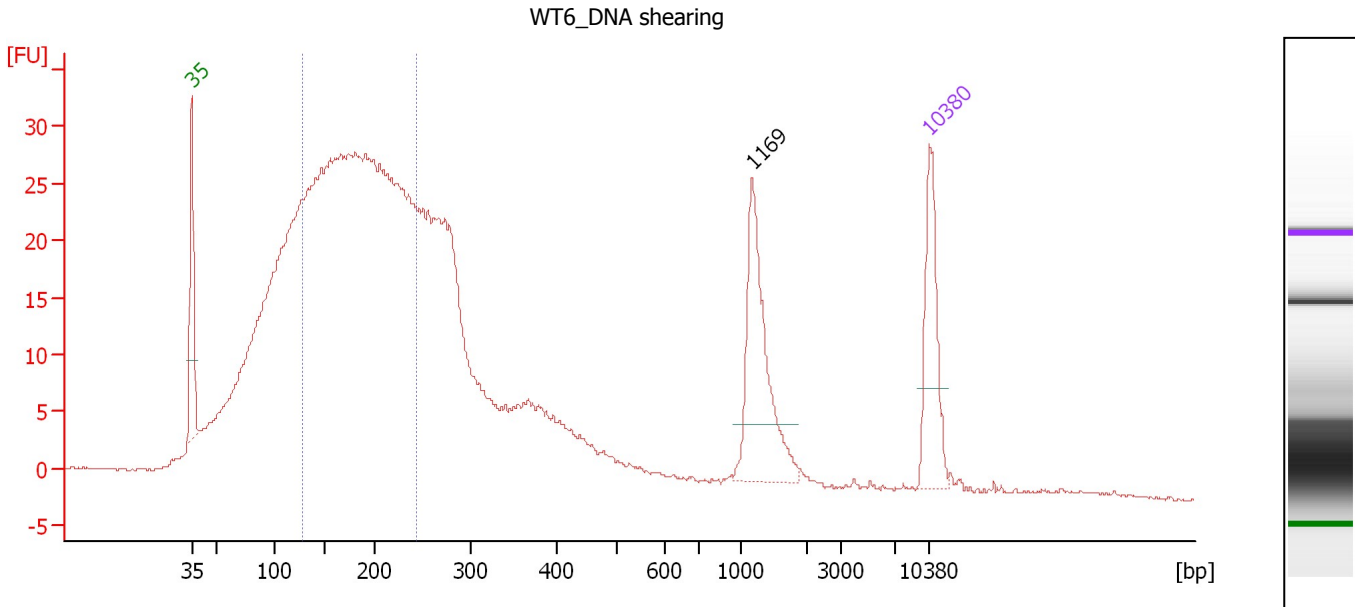
Region table for sample 9 : KO5_DNA shearing

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 111 | 282 | 195 | 14,396.3 | 1,699.95 | 483.1 | 60 | 24.2 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-08-02\2013-08-02_002.xad

Created: 8/2/2013 3:10:41 PM
 Modified: 8/2/2013 3:52:30 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : WT6 DNA shearing

Number of peaks found: 1 Corr. Area 1: 474.5
 Noise: 0.1

Peak table for sample 10 : WT6 DNA shearing

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 1,169 | 141.45 | 183.3 | |
| 3 | 10,380 | 75.00 | 10.9 | Upper Marker |

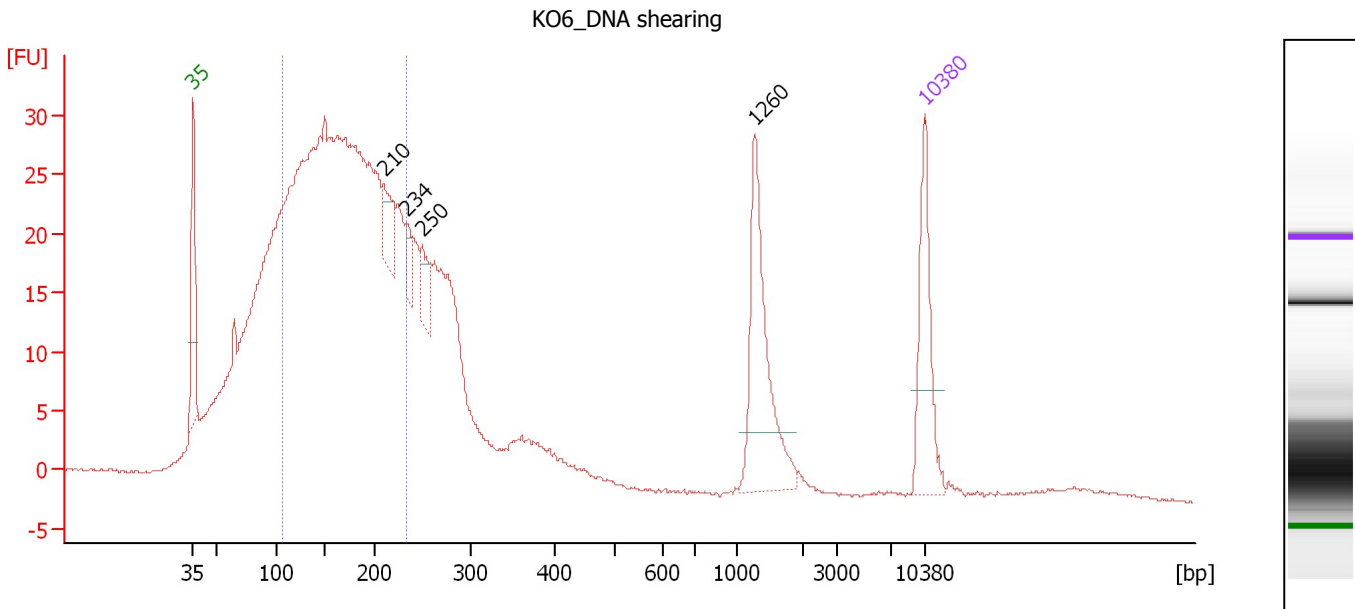
Region table for sample 10 : WT6 DNA shearing

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 128 | 243 | 184 | 16,328.5 | 1,902.36 | 474.5 | 45 | 17.7 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-08-02\2013-08-02_002.xad

Created: 8/2/2013 3:10:41 PM
 Modified: 8/2/2013 3:52:30 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : KO6 DNA shearing

Number of peaks found: 4 Corr. Area 1: 530.1
 Noise: 0.1

Peak table for sample 11 : KO6 DNA shearing

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 210 | 45.26 | 326.6 | |
| 3 | 234 | 23.81 | 154.2 | |
| 4 | 250 | 33.57 | 203.4 | |
| 5 | 1,260 | 138.67 | 166.8 | |
| 6 | 10,380 | 75.00 | 10.9 | Upper Marker |

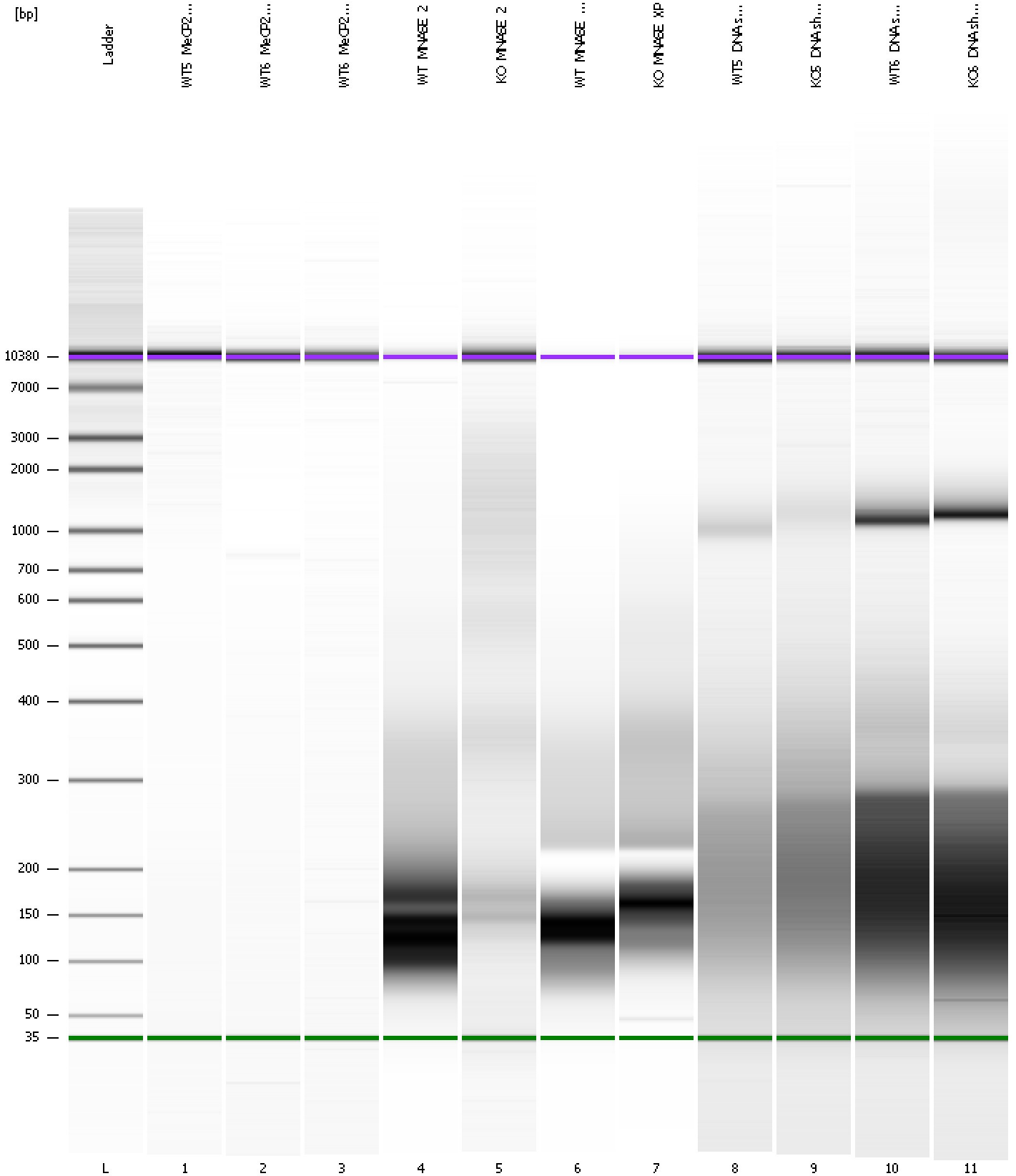
Region table for sample 11 : KO6 DNA shearing

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 107 | 235 | 169 | 21,340.5 | 2,238.76 | 530.1 | 54 | 21.1 | Blue |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-08-02\2013-08-02_002.xad

Created: 8/2/2013 3:10:41 PM
Modified: 8/2/2013 3:52:30 PM

Gel Image



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-08-02\2013-08-02_002.xad

Created: 8/2/2013 3:10:41 PM
 Modified: 8/2/2013 3:52:30 PM

Run Logbook

| Description | Number | Source | Category | Sub Category | Time | Time Zone | User | Host |
|---|--------|------------|----------|--------------|---------------------|-------------------------------------|----------|----------|
| Run ended on port 1 (Number of wells acquired: 12) | | Instrument | Run | | 8/2/2013 3:51:59 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Run started on port 1 (File: C:\Documents and Settings\Bioanalyzer\2013-08-02\2013-08-02_002.xad) | | Instrument | Run | | 8/2/2013 3:10:46 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Product Number : G2938B | | Instrument | Run | | 8/2/2013 3:10:46 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Name : | | Instrument | Run | | 8/2/2013 3:10:46 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Vendor : Agilent Technologies | | Instrument | Run | | 8/2/2013 3:10:46 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Serial# : DE13701086 | | Instrument | Run | | 8/2/2013 3:10:46 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Firmware : C.01.069 | | Instrument | Run | | 8/2/2013 3:10:46 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Cartridge : Electrode | | Instrument | Run | | 8/2/2013 3:10:46 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |