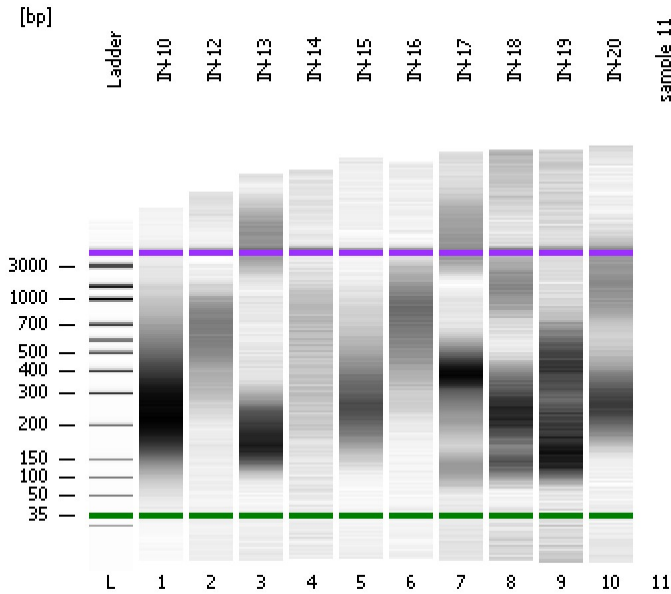


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2012-07-10\2012-07-10_007.xad

Created: 7/10/2012 3:31:27 PM
Modified: 7/10/2012 4:13:21 PM

Electrophoresis File Run Summary



Instrument Information:

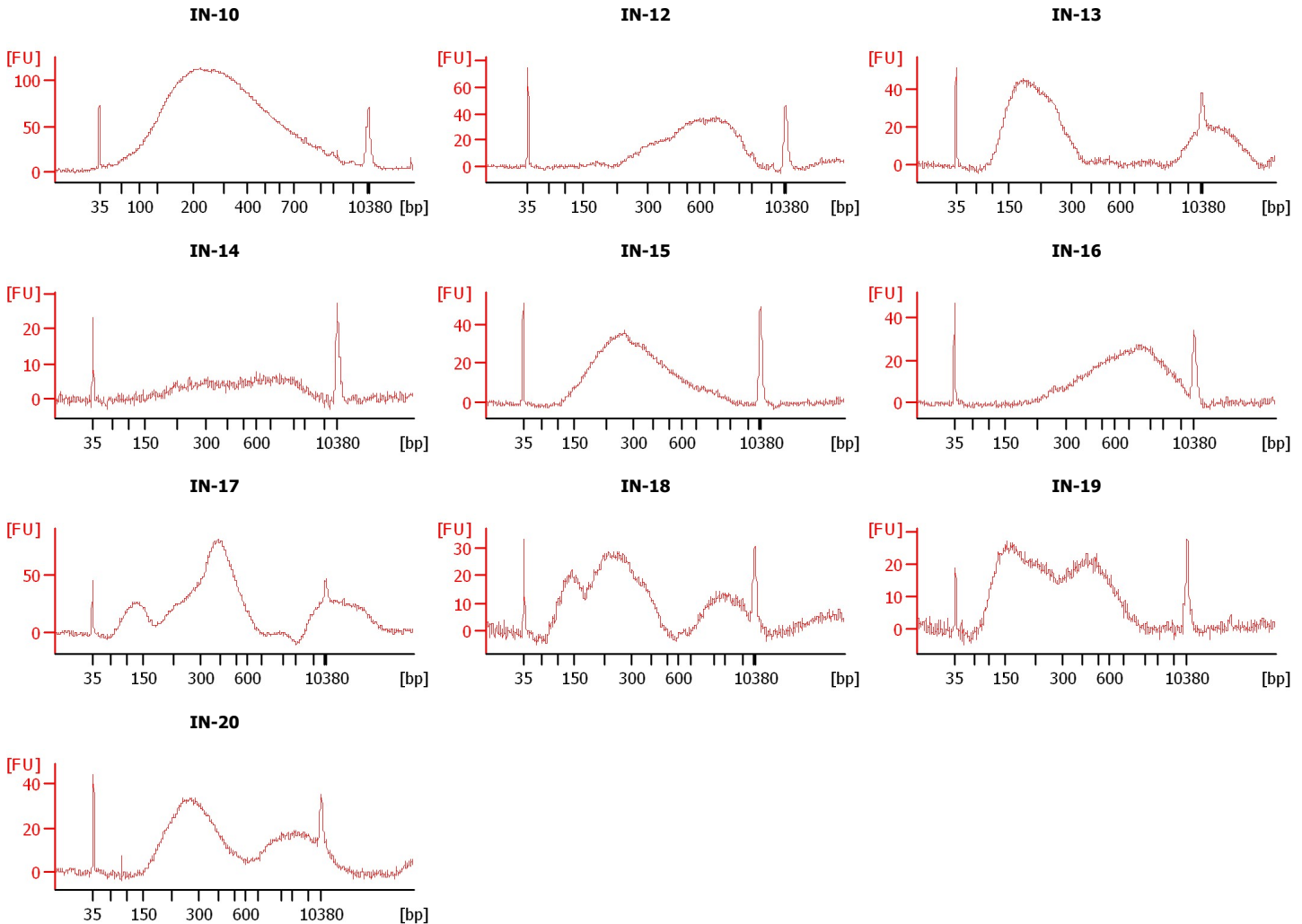
Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

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\2012-07-10\2012-07-10_007.xad

Created: 7/10/2012 3:31:27 PM
 Modified: 7/10/2012 4:13:21 PM

Electrophoresis File Run Summary (Chip Summary)

| Sample Name | Sample Comment | Rest. Digest | Status | Observation | Result Label | Result Color |
|-------------|----------------|--------------------------|--------|-------------|--------------|--------------|
| IN-10 | | <input type="checkbox"/> | ✓ | | | |
| IN-12 | | <input type="checkbox"/> | ✓ | | | |
| IN-13 | | <input type="checkbox"/> | ✓ | | | |
| IN-14 | | <input type="checkbox"/> | ✓ | | | |
| IN-15 | | <input type="checkbox"/> | ✓ | | | |
| IN-16 | | <input type="checkbox"/> | ✓ | | | |
| IN-17 | | <input type="checkbox"/> | ✓ | | | |
| IN-18 | | <input type="checkbox"/> | ✓ | | | |
| IN-19 | | <input type="checkbox"/> | ✓ | | | |
| IN-20 | | <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\2012-07-10\2012-07-10_007.xad

Created: 7/10/2012 3:31:27 PM
Modified: 7/10/2012 4:13:21 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

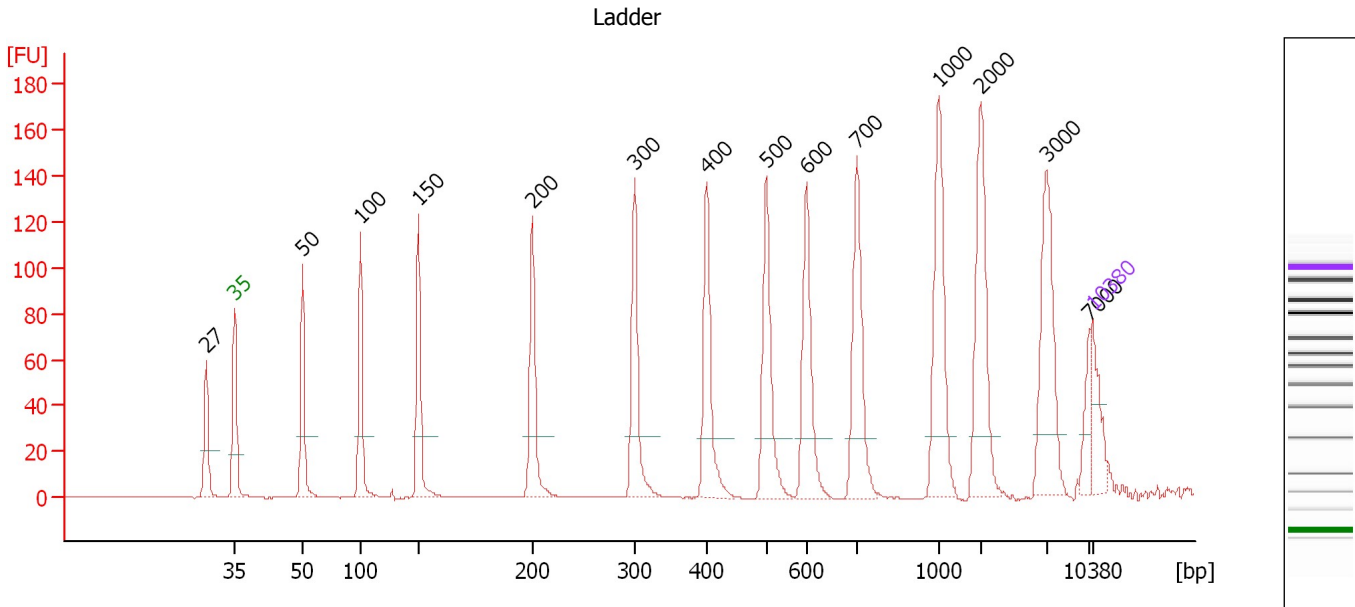
Ladder

| 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\2012-07-10\2012-07-10_007.xad

Created: 7/10/2012 3:31:27 PM
 Modified: 7/10/2012 4:13:21 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.1

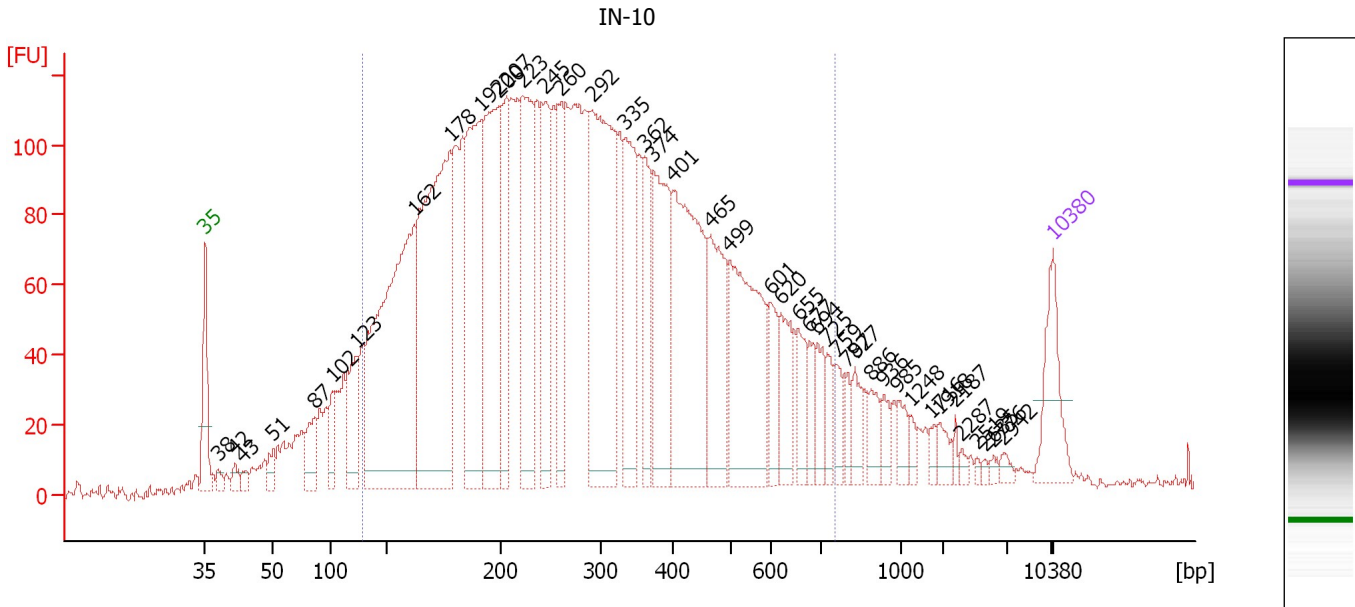
Peak table for Ladder

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 27 | 0.00 | 0.0 | |
| 2 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 3 | 50 | 150.00 | 4,545.5 | Ladder Peak |
| 4 | 100 | 150.00 | 2,272.7 | Ladder Peak |
| 5 | 150 | 150.00 | 1,515.2 | Ladder Peak |
| 6 | 200 | 150.00 | 1,136.4 | Ladder Peak |
| 7 | 300 | 150.00 | 757.6 | Ladder Peak |
| 8 | 400 | 150.00 | 568.2 | Ladder Peak |
| 9 | 500 | 150.00 | 454.5 | Ladder Peak |
| 10 | 600 | 150.00 | 378.8 | Ladder Peak |
| 11 | 700 | 150.00 | 324.7 | Ladder Peak |
| 12 | 1,000 | 150.00 | 227.3 | Ladder Peak |
| 13 | 2,000 | 150.00 | 113.6 | Ladder Peak |
| 14 | 3,000 | 150.00 | 75.8 | Ladder Peak |
| 15 | 7,000 | 150.00 | 32.5 | Ladder Peak |
| 16 | 10,380 | 75.00 | 10.9 | Upper Marker |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2012-07-10\2012-07-10_007.xad

Created: 7/10/2012 3:31:27 PM
 Modified: 7/10/2012 4:13:21 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : IN-10

Number of peaks found: 43 Corr. Area 1: 4,309.0
 Noise: 1.5

Peak table for sample 1 : IN-10

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 38 | 16.07 | 643.4 | |
| 3 | 42 | 23.21 | 846.9 | |
| 4 | 43 | 13.79 | 481.2 | |
| 5 | 51 | 27.82 | 831.3 | |
| 6 | 87 | 73.78 | 1,286.2 | |
| 7 | 102 | 57.29 | 852.8 | |
| 8 | 123 | 122.06 | 1,499.6 | |
| 9 | 162 | 767.23 | 7,172.4 | |
| 10 | 178 | 741.03 | 6,310.6 | |
| 11 | 192 | 399.37 | 3,157.7 | |
| 12 | 200 | 387.80 | 2,942.7 | |
| 13 | 207 | 183.41 | 1,341.2 | |
| 14 | 223 | 319.24 | 2,173.2 | |
| 15 | 245 | 210.17 | 1,297.9 | |
| 16 | 260 | 159.94 | 931.4 | |
| 17 | 292 | 484.36 | 2,513.5 | |
| 18 | 335 | 219.18 | 991.7 | |
| 19 | 362 | 108.93 | 456.4 | |
| 20 | 374 | 240.82 | 974.8 | |
| 21 | 401 | 371.20 | 1,401.4 | |
| 22 | 465 | 176.43 | 574.7 | |
| 23 | 499 | 287.01 | 871.7 | |
| 24 | 601 | 57.98 | 146.2 | |
| 25 | 620 | 78.84 | 192.7 | |
| 26 | 655 | 51.10 | 118.2 | |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2012-07-10\2012-07-10_007.xad

Created: 7/10/2012 3:31:27 PM
 Modified: 7/10/2012 4:13:21 PM

Electropherogram Summary Continued ...

... Peak table for sample 1 : IN-10

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 27 | 677 | 36.24 | 81.1 | |
| 28 | 694 | 41.76 | 91.1 | |
| 29 | 725 | 31.96 | 66.7 | |
| 30 | 759 | 32.43 | 64.7 | |
| 31 | 797 | 22.37 | 42.5 | |
| 32 | 827 | 37.25 | 68.3 | |
| 33 | 886 | 32.76 | 56.0 | |
| 34 | 936 | 23.22 | 37.6 | |
| 35 | 985 | 24.35 | 37.4 | |
| 36 | 1,248 | 14.49 | 17.6 | |
| 37 | 1,716 | 10.59 | 9.3 | |
| 38 | 1,918 | 19.26 | 15.2 | |
| 39 | 2,187 | 7.05 | 4.9 | |
| 40 | 2,287 | 6.11 | 4.0 | |
| 41 | 2,519 | 3.59 | 2.2 | |
| 42 | 2,635 | 3.41 | 2.0 | |
| 43 | 2,776 | 5.15 | 2.8 | |
| 44 | 2,942 | 8.21 | 4.2 | |
| 45 | 10,380 | 75.00 | 10.9 | Upper Marker |

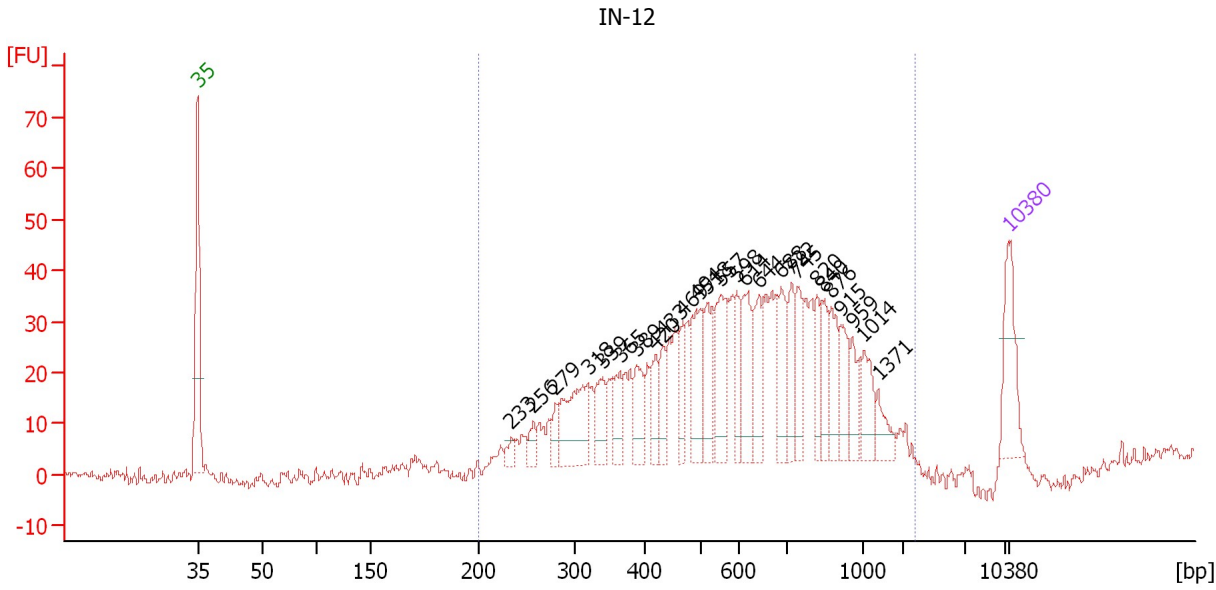
Region table for sample 1 : IN-10

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|---|
| 129 | 756 | 309 | 42,049.7 | 6,565.68 | 4,309.0 | 89 | 46.6 |  |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2012-07-10\2012-07-10_007.xad

Created: 7/10/2012 3:31:27 PM
 Modified: 7/10/2012 4:13:21 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : IN-12

Number of peaks found: 26 Corr. Area 1: 869.0
 Noise: 1.2

Peak table for sample 2 : IN-12

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 233 | 16.01 | 104.0 | |
| 3 | 256 | 24.04 | 142.0 | |
| 4 | 279 | 25.95 | 140.8 | |
| 5 | 318 | 135.16 | 643.4 | |
| 6 | 339 | 59.47 | 265.6 | |
| 7 | 365 | 44.90 | 186.4 | |
| 8 | 389 | 53.47 | 208.2 | |
| 9 | 420 | 45.06 | 162.5 | |
| 10 | 433 | 40.11 | 140.2 | |
| 11 | 469 | 47.45 | 153.4 | |
| 12 | 494 | 101.89 | 312.3 | |
| 13 | 518 | 67.14 | 196.3 | |
| 14 | 557 | 86.83 | 236.1 | |
| 15 | 598 | 49.51 | 125.5 | |
| 16 | 614 | 78.49 | 193.8 | |
| 17 | 644 | 65.24 | 153.5 | |
| 18 | 688 | 68.63 | 151.0 | |
| 19 | 722 | 53.87 | 113.0 | |
| 20 | 745 | 59.99 | 122.0 | |
| 21 | 820 | 43.77 | 80.9 | |
| 22 | 840 | 42.34 | 76.3 | |
| 23 | 876 | 55.72 | 96.4 | |
| 24 | 915 | 48.15 | 79.7 | |
| 25 | 959 | 37.63 | 59.5 | |
| 26 | 1,014 | 47.58 | 71.1 | |


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2012-07-10\2012-07-10_007.xad

Created: 7/10/2012 3:31:27 PM
Modified: 7/10/2012 4:13:21 PM

Electropherogram Summary Continued ...**... Peak table for sample 2 : IN-12**

| Peak | Size [bp] | Conc. [pg/ μ l] | Molarity [pmol/l] | Observations |
|------|-----------|---------------------|-------------------|--------------|
| 27 | 1,371 | 27.41 | 30.3 | |
| 28 | 10,380 | 75.00 | 10.9 | Upper Marker |

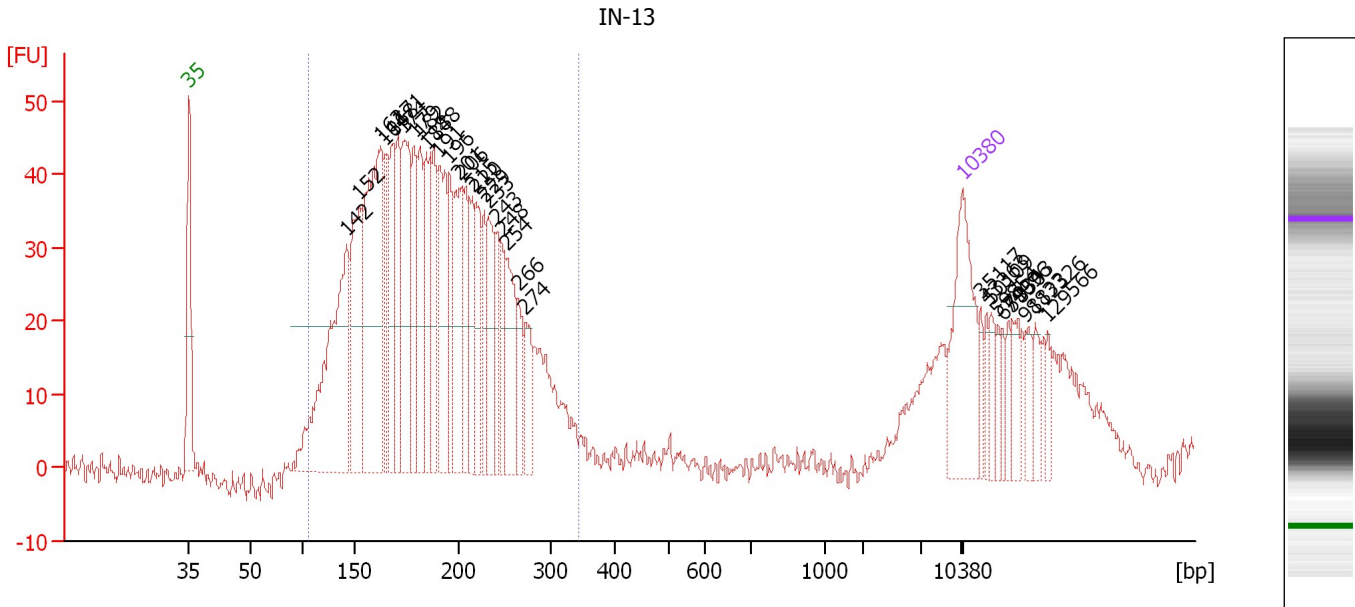
Region table for sample 2 : IN-12

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/ μ l] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------------|------------|------------|-----------------------------|---|
| 200 | 2,201 | 630 | 6,364.4 | 2,064.87 | 869.0 | 99 | 45.4 |  |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2012-07-10\2012-07-10_007.xad

Created: 7/10/2012 3:31:27 PM
 Modified: 7/10/2012 4:13:21 PM

Electropherogram Summary Continued ...



Setpoint Deviations for sample 3 : IN-13

Height Threshold [FU] : 20 Width Threshold [s] : 0.2

Overall Results for sample 3 : IN-13

Number of peaks found: 34 Corr. Area 1: 1,066.4
 Noise: 1.5

Peak table for sample 3 : IN-13


| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 142 | 262.48 | 2,806.2 | |
| 3 | 152 | 135.38 | 1,349.1 | |
| 4 | 162 | 259.17 | 2,421.8 | |
| 5 | 164 | 35.18 | 324.1 | |
| 6 | 168 | 84.31 | 761.0 | |
| 7 | 171 | 77.30 | 685.1 | |
| 8 | 174 | 131.58 | 1,148.8 | |
| 9 | 179 | 72.65 | 615.9 | |
| 10 | 182 | 77.20 | 644.2 | |
| 11 | 184 | 69.30 | 569.4 | |
| 12 | 188 | 87.10 | 700.8 | |
| 13 | 191 | 111.07 | 881.5 | |
| 14 | 196 | 55.18 | 426.9 | |
| 15 | 201 | 94.67 | 713.3 | |
| 16 | 206 | 62.05 | 456.9 | |
| 17 | 215 | 48.93 | 344.8 | |
| 18 | 220 | 56.59 | 390.3 | |
| 19 | 229 | 35.70 | 236.3 | |
| 20 | 233 | 65.04 | 422.9 | |
| 21 | 243 | 36.61 | 228.4 | |
| 22 | 248 | 22.57 | 137.8 | |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2012-07-10\2012-07-10_007.xad


Created: 7/10/2012 3:31:27 PM
 Modified: 7/10/2012 4:13:21 PM

Electropherogram Summary Continued ...

... Peak table for sample 3 : IN-13

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|--|---------------|-------------------|--------------|
| 23 | 254 | 66.50 | 396.8 | |
| 24 | 266 | 34.15 | 194.9 | |
| 25 | 274 | 33.98 | 188.1 | |
| 26 |  10,380 | 75.00 | 10.9 | Upper Marker |
| 27 | 35,117 | 0.00 | 0.0 | |
| 28 | 43,363 | 0.00 | 0.0 | |
| 29 | 50,109 | 0.00 | 0.0 | |
| 30 | 59,854 | 0.00 | 0.0 | |
| 31 | 65,850 | 0.00 | 0.0 | |
| 32 | 74,096 | 0.00 | 0.0 | |
| 33 | 79,343 | 0.00 | 0.0 | |
| 34 | 98,833 | 0.00 | 0.0 | |
| 35 | 112,326 | 0.00 | 0.0 | |
| 36 | 129,566 | 0.00 | 0.0 | |

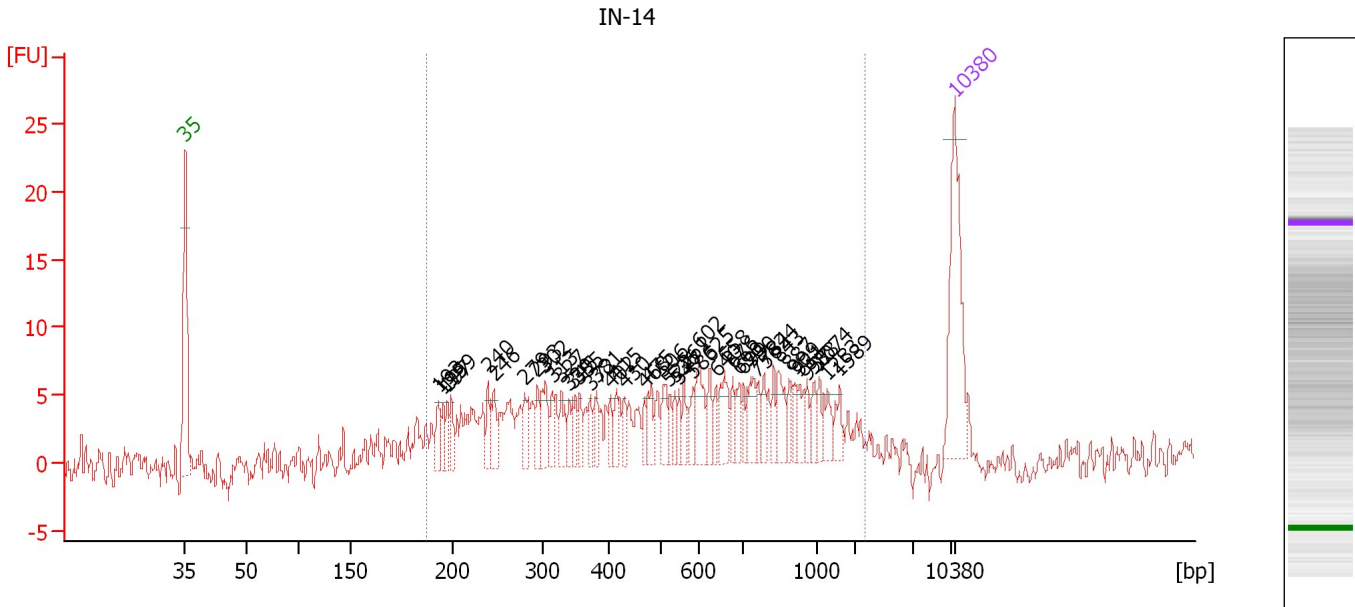
Region table for sample 3 : IN-13

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|---|
| 105 | 343 | 195 | 17,174.2 | 2,066.54 | 1,066.4 | 84 | 23.2 |  |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2012-07-10\2012-07-10_007.xad

Created: 7/10/2012 3:31:27 PM
 Modified: 7/10/2012 4:13:21 PM

Electropherogram Summary Continued ...



Setpoint Deviations for sample 4 : IN-14

Width Threshold [s] : 0.1

Overall Results for sample 4 : IN-14

Number of peaks found: 47 Corr. Area 1: 169.3
 Noise: 1.4

Peak table for sample 4 : IN-14

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 193 | 18.70 | 146.7 | |
| 3 | 195 | 12.01 | 93.1 | |
| 4 | 197 | 13.52 | 103.8 | |
| 5 | 199 | 14.83 | 112.7 | |
| 6 | 240 | 20.00 | 126.5 | |
| 7 | 246 | 18.91 | 116.5 | |
| 8 | 279 | 18.77 | 101.9 | |
| 9 | 293 | 15.74 | 81.3 | |
| 10 | 302 | 25.83 | 129.6 | |
| 11 | 313 | 12.78 | 61.8 | |
| 12 | 327 | 17.75 | 82.1 | |
| 13 | 339 | 11.42 | 51.0 | |
| 14 | 345 | 12.07 | 52.9 | |
| 15 | 355 | 12.39 | 52.8 | |
| 16 | 372 | 11.99 | 48.9 | |
| 17 | 381 | 12.68 | 50.4 | |
| 18 | 402 | 10.52 | 39.6 | |
| 19 | 415 | 9.64 | 35.2 | |
| 20 | 430 | 10.09 | 35.6 | |
| 21 | 468 | 11.18 | 36.2 | |
| 22 | 475 | 15.02 | 48.0 | |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2012-07-10\2012-07-10_007.xad

Created: 7/10/2012 3:31:27 PM
 Modified: 7/10/2012 4:13:21 PM

Electropherogram Summary Continued ...

... Peak table for sample 4 : IN-14

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 23 | 506 | 17.59 | 52.7 | |
| 24 | 522 | 7.47 | 21.7 | |
| 25 | 536 | 9.37 | 26.5 | |
| 26 | 547 | 8.07 | 22.4 | |
| 27 | 561 | 11.87 | 32.0 | |
| 28 | 586 | 10.45 | 27.0 | |
| 29 | 602 | 24.69 | 62.2 | |
| 30 | 625 | 14.67 | 35.5 | |
| 31 | 640 | 8.26 | 19.6 | |
| 32 | 658 | 24.20 | 55.7 | |
| 33 | 676 | 10.96 | 24.6 | |
| 34 | 690 | 11.16 | 24.5 | |
| 35 | 699 | 9.11 | 19.7 | |
| 36 | 730 | 19.72 | 41.0 | |
| 37 | 756 | 9.65 | 19.3 | |
| 38 | 784 | 12.79 | 24.7 | |
| 39 | 824 | 10.44 | 19.2 | |
| 40 | 843 | 20.12 | 36.1 | |
| 41 | 887 | 9.03 | 15.4 | |
| 42 | 909 | 9.00 | 15.0 | |
| 43 | 931 | 11.30 | 18.4 | |
| 44 | 957 | 10.40 | 16.5 | |
| 45 | 988 | 11.45 | 17.6 | |
| 46 | 1,074 | 9.14 | 12.9 | |
| 47 | 1,283 | 11.74 | 13.9 | |
| 48 | 1,589 | 11.61 | 11.1 | |
| 49 | 10,380 | 75.00 | 10.9 | Upper Marker |

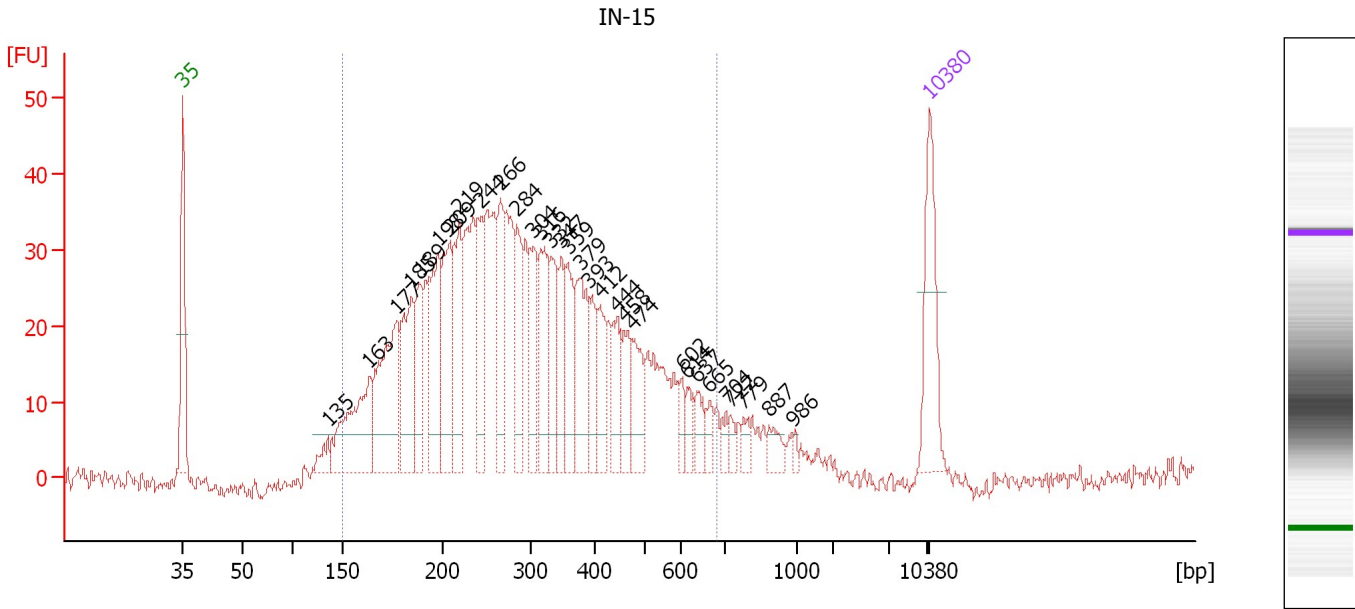
Region table for sample 4 : IN-14

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------------------------------------|
| 187 | 2,176 | 586 | 2,806.4 | 706.57 | 169.3 | 92 | 59.9 | ■ |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2012-07-10\2012-07-10_007.xad

Created: 7/10/2012 3:31:27 PM
 Modified: 7/10/2012 4:13:21 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : IN-15

Number of peaks found: 31 Corr. Area 1: 1,027.4
 Noise: 1.4

Peak table for sample 5 : IN-15

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 135 | 22.11 | 247.4 | |
| 3 | 163 | 152.71 | 1,416.9 | |
| 4 | 177 | 176.98 | 1,515.0 | |
| 5 | 185 | 120.12 | 986.4 | |
| 6 | 189 | 72.12 | 578.8 | |
| 7 | 198 | 121.23 | 926.8 | |
| 8 | 209 | 116.04 | 843.0 | |
| 9 | 219 | 107.94 | 745.4 | |
| 10 | 244 | 91.46 | 567.8 | |
| 11 | 266 | 85.02 | 484.8 | |
| 12 | 284 | 78.40 | 417.7 | |
| 13 | 304 | 75.01 | 373.6 | |
| 14 | 316 | 86.09 | 412.8 | |
| 15 | 332 | 71.45 | 326.0 | |
| 16 | 347 | 52.25 | 228.0 | |
| 17 | 359 | 71.49 | 301.7 | |
| 18 | 379 | 87.50 | 349.5 | |
| 19 | 393 | 42.23 | 162.9 | |
| 20 | 412 | 50.07 | 184.2 | |
| 21 | 444 | 47.61 | 162.5 | |
| 22 | 458 | 43.94 | 145.2 | |
| 23 | 474 | 47.67 | 152.4 | |
| 24 | 602 | 17.57 | 44.2 | |
| 25 | 614 | 14.98 | 36.9 | |
| 26 | 637 | 19.59 | 46.6 | |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2012-07-10\2012-07-10_007.xad

Created: 7/10/2012 3:31:27 PM
 Modified: 7/10/2012 4:13:21 PM

Electropherogram Summary Continued ...

... Peak table for sample 5 : IN-15

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 27 | 665 | 14.23 | 32.4 | |
| 28 | 704 | 11.39 | 24.5 | |
| 29 | 722 | 9.31 | 19.5 | |
| 30 | 779 | 11.88 | 23.1 | |
| 31 | 887 | 17.33 | 29.6 | |
| 32 | 986 | 4.97 | 7.6 | |
| 33 | ▶ 10,380 | 75.00 | 10.9 | Upper Marker |

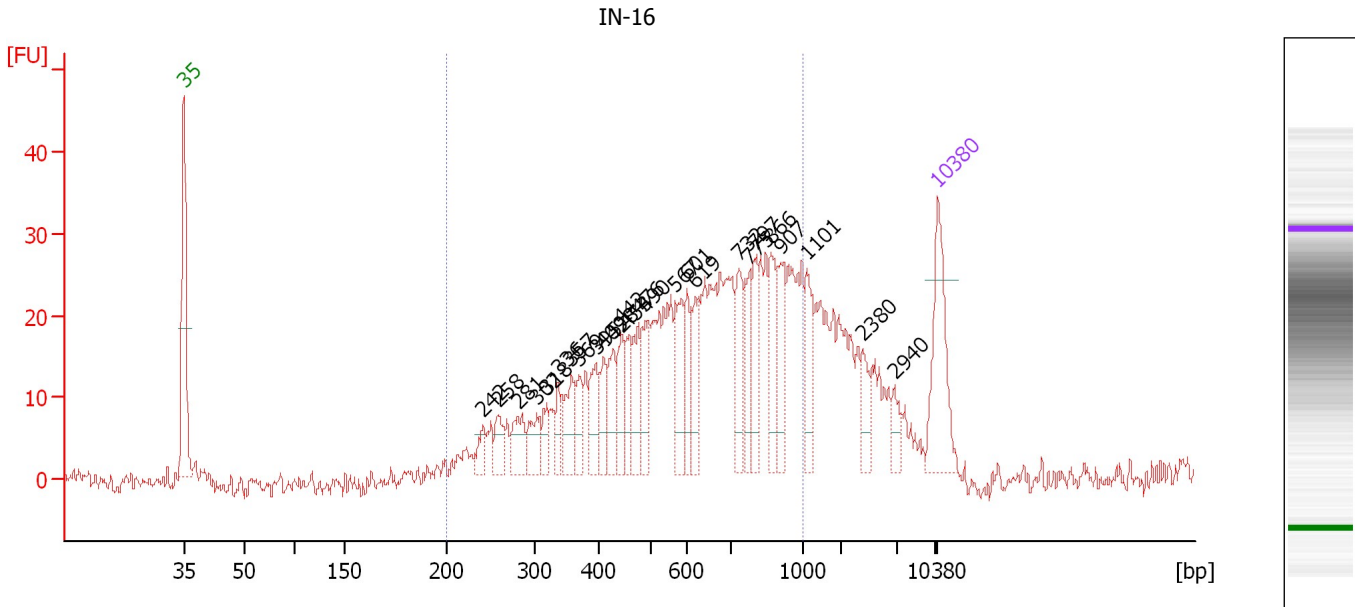
Region table for sample 5 : IN-15

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 149 | 683 | 313 | 15,328.3 | 2,577.05 | 1,027.4 | 93 | 40.5 | ■ |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2012-07-10\2012-07-10_007.xad

Created: 7/10/2012 3:31:27 PM
 Modified: 7/10/2012 4:13:21 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : IN-16

Number of peaks found: 26 Corr. Area 1: 513.2
 Noise: 1.1


Peak table for sample 6 : IN-16

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 242 | 17.89 | 112.0 | |
| 3 | 258 | 26.86 | 157.6 | |
| 4 | 281 | 38.14 | 205.8 | |
| 5 | 302 | 32.76 | 164.2 | |
| 6 | 318 | 24.54 | 116.8 | |
| 7 | 336 | 22.57 | 101.8 | |
| 8 | 357 | 44.29 | 188.1 | |
| 9 | 369 | 26.16 | 107.6 | |
| 10 | 395 | 41.25 | 158.1 | |
| 11 | 409 | 30.33 | 112.5 | |
| 12 | 428 | 38.89 | 137.6 | |
| 13 | 442 | 37.93 | 129.9 | |
| 14 | 453 | 34.02 | 113.9 | |
| 15 | 476 | 47.32 | 150.5 | |
| 16 | 490 | 39.37 | 121.8 | |
| 17 | 567 | 52.51 | 140.3 | |
| 18 | 601 | 36.75 | 92.6 | |
| 19 | 619 | 36.47 | 89.2 | |
| 20 | 732 | 50.07 | 103.6 | |
| 21 | 775 | 39.96 | 78.1 | |
| 22 | 797 | 42.04 | 79.9 | |
| 23 | 866 | 46.97 | 82.1 | |
| 24 | 907 | 44.59 | 74.5 | |
| 25 | 1,101 | 39.96 | 55.0 | |
| 26 | 2,380 | 23.56 | 15.0 | |


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2012-07-10\2012-07-10_007.xad

Created: 7/10/2012 3:31:27 PM
Modified: 7/10/2012 4:13:21 PM

Electropherogram Summary Continued ...**... Peak table for sample 6 : IN-16**

| Peak | Size [bp] | Conc. [pg/ μ l] | Molarity [pmol/l] | Observations |
|------|--|---------------------|-------------------|--------------|
| 27 | 2,940 | 15.21 | 7.8 | |
| 28 |  10,380 | 75.00 | 10.9 | Upper Marker |

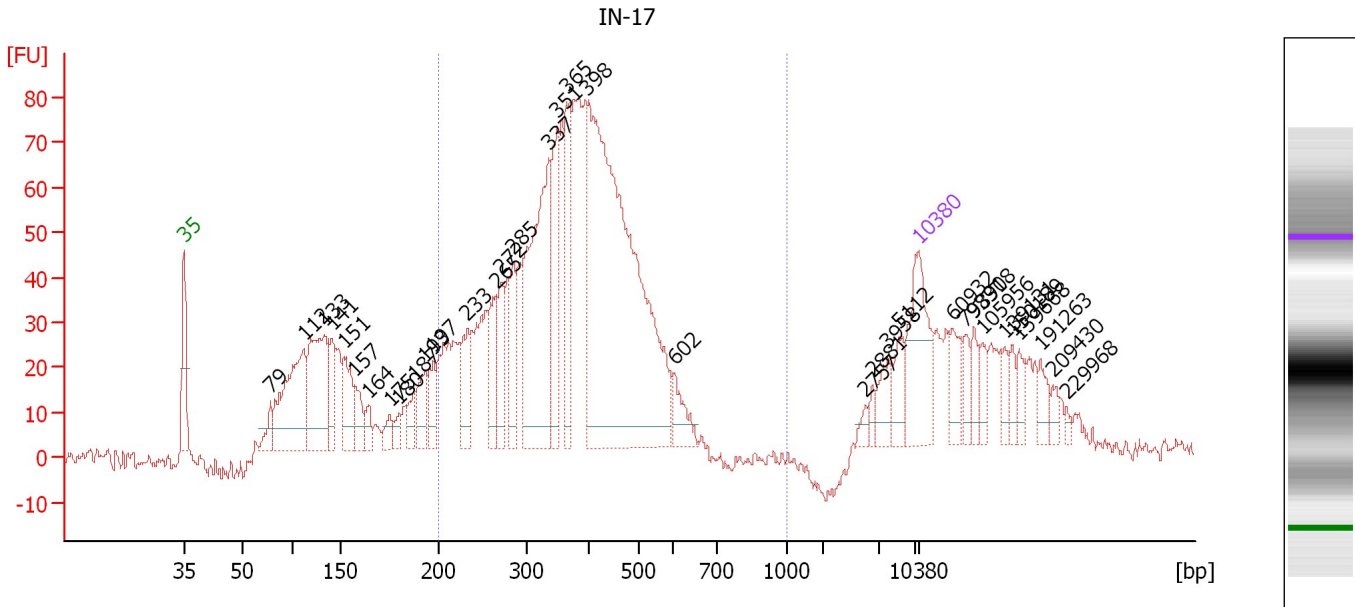
Region table for sample 6 : IN-16

| 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 | 618 | 3,954.9 | 1,327.84 | 513.2 | 80 | 33.2 |  |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2012-07-10\2012-07-10_007.xad

Created: 7/10/2012 3:31:27 PM
 Modified: 7/10/2012 4:13:21 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : IN-17

Number of peaks found: 35 Corr. Area 1: 1,335.6
 Noise: 2.3

Peak table for sample 7 : IN-17

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 79 | 25.87 | 498.3 | |
| 3 | 112 | 186.88 | 2,528.2 | |
| 4 | 133 | 169.49 | 1,929.5 | |
| 5 | 141 | 51.94 | 559.4 | |
| 6 | 151 | 62.24 | 623.3 | |
| 7 | 157 | 36.51 | 352.9 | |
| 8 | 164 | 20.04 | 185.6 | |
| 9 | 175 | 16.80 | 145.6 | |
| 10 | 180 | 13.90 | 117.2 | |
| 11 | 187 | 23.23 | 187.9 | |
| 12 | 193 | 41.94 | 329.6 | |
| 13 | 197 | 35.26 | 271.0 | |
| 14 | 233 | 53.94 | 351.1 | |
| 15 | 265 | 57.79 | 330.2 | |
| 16 | 272 | 58.45 | 325.6 | |
| 17 | 285 | 59.03 | 313.4 | |
| 18 | 337 | 263.51 | 1,184.5 | |
| 19 | 351 | 100.95 | 436.0 | |
| 20 | 365 | 88.48 | 366.9 | |
| 21 | 398 | 639.68 | 2,434.8 | |
| 22 | 602 | 29.12 | 73.3 | |
| 23 | 2,757 | 7.09 | 3.9 | |
| 24 | 2,881 | 7.86 | 4.1 | |
| 25 | 3,958 | 23.49 | 9.0 | |
| 26 | 5,112 | 23.40 | 6.9 | |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2012-07-10\2012-07-10_007.xad


Created: 7/10/2012 3:31:27 PM
 Modified: 7/10/2012 4:13:21 PM

Electropherogram Summary Continued ...

... Peak table for sample 7 : IN-17

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 27 | 10,380 | 75.00 | 10.9 | Upper Marker |
| 28 | 60,932 | 0.00 | 0.0 | |
| 29 | 79,890 | 0.00 | 0.0 | |
| 30 | 93,318 | 0.00 | 0.0 | |
| 31 | 105,956 | 0.00 | 0.0 | |
| 32 | 139,131 | 0.00 | 0.0 | |
| 33 | 150,189 | 0.00 | 0.0 | |
| 34 | 159,668 | 0.00 | 0.0 | |
| 35 | 191,263 | 0.00 | 0.0 | |
| 36 | 209,430 | 0.00 | 0.0 | |
| 37 | 229,968 | 0.00 | 0.0 | |

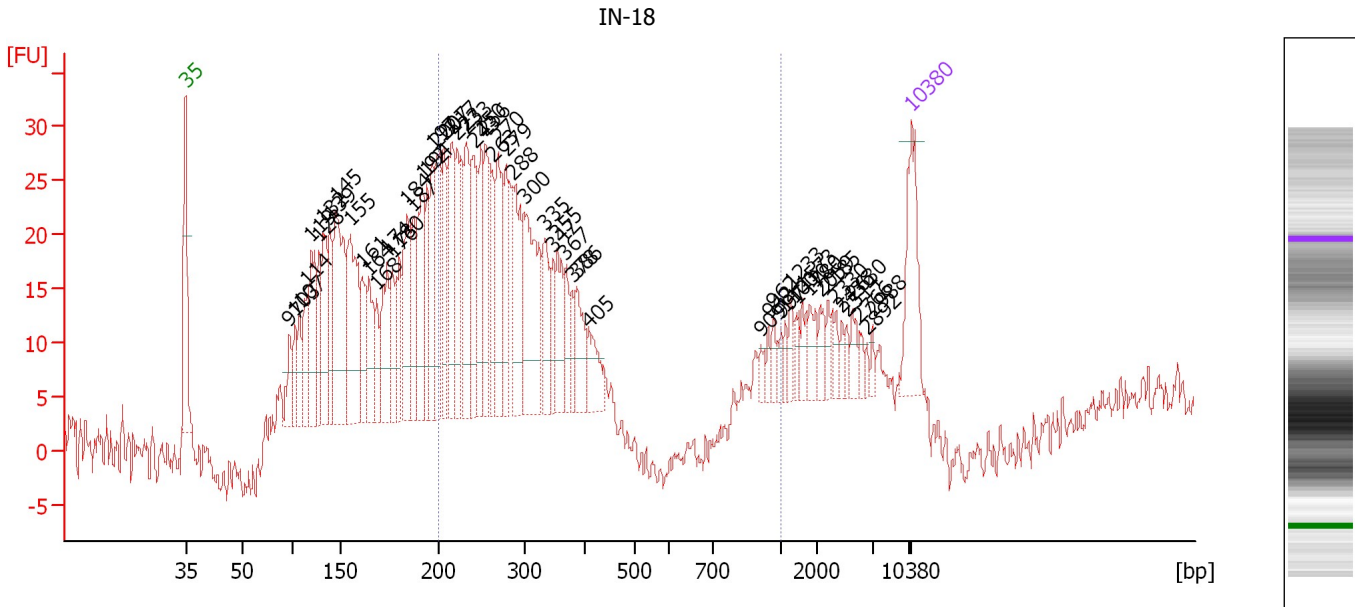
Region table for sample 7 : IN-17

| 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 | 377 | 8,678.3 | 1,957.46 | 1,335.6 | 63 | 26.1 |  |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2012-07-10\2012-07-10_007.xad

Created: 7/10/2012 3:31:27 PM
 Modified: 7/10/2012 4:13:21 PM

Electropherogram Summary Continued ...



Setpoint Deviations for sample 8 : IN-18

Width Threshold [s] : 0.2

Overall Results for sample 8 : IN-18

Number of peaks found: 59 Corr. Area 1: 424.4
 Noise: 2.0

Peak table for sample 8 : IN-18

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 97 | 47.96 | 749.4 | |
| 3 | 103 | 36.74 | 540.8 | |
| 4 | 107 | 47.75 | 674.2 | |
| 5 | 114 | 62.83 | 831.9 | |
| 6 | 119 | 122.17 | 1,550.9 | |
| 7 | 128 | 68.57 | 814.5 | |
| 8 | 132 | 108.86 | 1,250.2 | |
| 9 | 139 | 75.97 | 827.9 | |
| 10 | 145 | 214.77 | 2,251.8 | |
| 11 | 155 | 194.11 | 1,901.4 | |
| 12 | 161 | 59.08 | 555.9 | |
| 13 | 164 | 73.83 | 681.8 | |
| 14 | 168 | 48.24 | 433.9 | |
| 15 | 174 | 100.00 | 872.2 | |
| 16 | 176 | 61.87 | 531.1 | |
| 17 | 180 | 40.36 | 339.6 | |
| 18 | 184 | 112.04 | 921.5 | |
| 19 | 187 | 65.65 | 531.2 | |
| 20 | 192 | 132.09 | 1,042.7 | |
| 21 | 194 | 56.59 | 441.0 | |
| 22 | 197 | 87.08 | 669.1 | |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2012-07-10\2012-07-10_007.xad

Created: 7/10/2012 3:31:27 PM
 Modified: 7/10/2012 4:13:21 PM

Electropherogram Summary Continued ...

... Peak table for sample 8 : IN-18

| Peak | Size [bp] | Conc. [pg/µl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 23 | 200 | 101.06 | 766.9 | |
| 24 | 207 | 89.48 | 654.0 | |
| 25 | 217 | 125.57 | 878.5 | |
| 26 | 223 | 78.40 | 533.2 | |
| 27 | 233 | 119.67 | 779.3 | |
| 28 | 243 | 113.93 | 711.7 | |
| 29 | 250 | 88.09 | 533.9 | |
| 30 | 256 | 88.86 | 526.9 | |
| 31 | 263 | 59.08 | 340.4 | |
| 32 | 270 | 103.36 | 579.2 | |
| 33 | 279 | 90.71 | 492.5 | |
| 34 | 288 | 115.74 | 609.5 | |
| 35 | 300 | 169.49 | 855.7 | |
| 36 | 335 | 64.07 | 289.9 | |
| 37 | 347 | 26.35 | 115.0 | |
| 38 | 355 | 66.09 | 282.2 | |
| 39 | 367 | 39.74 | 164.1 | |
| 40 | 378 | 17.20 | 68.9 | |
| 41 | 386 | 55.88 | 219.3 | |
| 42 | 405 | 45.95 | 171.8 | |
| 43 | 909 | 10.88 | 18.1 | |
| 44 | 942 | 9.41 | 15.1 | |
| 45 | 962 | 12.49 | 19.7 | |
| 46 | 997 | 9.12 | 13.9 | |
| 47 | 1,100 | 9.75 | 13.4 | |
| 48 | 1,233 | 15.68 | 19.3 | |
| 49 | 1,410 | 12.30 | 13.2 | |
| 50 | 1,573 | 14.11 | 13.6 | |
| 51 | 1,780 | 26.07 | 22.2 | |
| 52 | 2,059 | 16.00 | 11.8 | |
| 53 | 2,185 | 12.61 | 8.7 | |
| 54 | 2,330 | 10.33 | 6.7 | |
| 55 | 2,436 | 8.10 | 5.0 | |
| 56 | 2,514 | 7.78 | 4.7 | |
| 57 | 2,630 | 16.59 | 9.6 | |
| 58 | 2,766 | 8.07 | 4.4 | |
| 59 | 2,892 | 5.10 | 2.7 | |
| 60 | 2,988 | 7.05 | 3.6 | |
| 61 | 10,380 | 75.00 | 10.9 | Upper Marker |

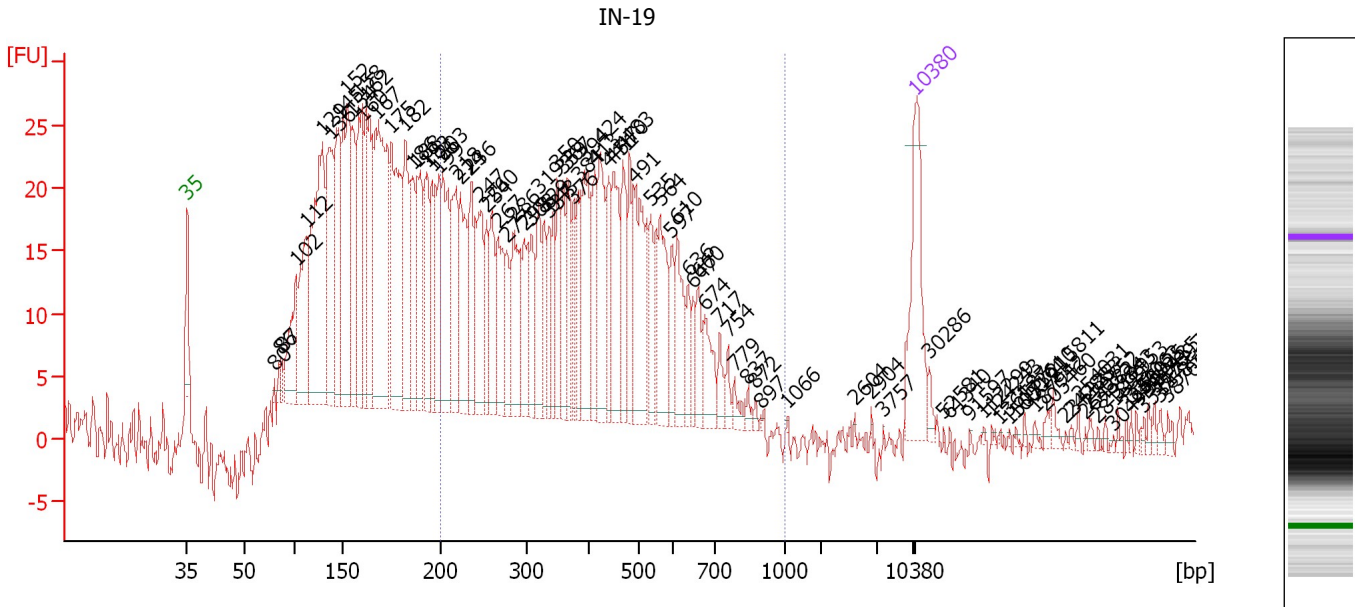
Region table for sample 8 : IN-18

| 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 | 331 | 10,474.9 | 1,935.60 | 424.4 | 48 | 53.0 | ■ |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2012-07-10\2012-07-10_007.xad

Created: 7/10/2012 3:31:27 PM
 Modified: 7/10/2012 4:13:21 PM

Electropherogram Summary Continued ...



Setpoint Deviations for sample 9 : IN-19

Height Threshold [FU] : 1 Width Threshold [s] : 0.1

Overall Results for sample 9 : IN-19

Number of peaks found: 98 Corr. Area 1: 519.8
 Noise: 1.9

Peak table for sample 9 : IN-19

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 80 | 2.10 | 39.7 | |
| 3 | 86 | 11.73 | 207.0 | |
| 4 | 87 | 4.77 | 82.6 | |
| 5 | 102 | 78.83 | 1,176.5 | |
| 6 | 112 | 117.44 | 1,590.4 | |
| 7 | 129 | 255.88 | 3,010.3 | |
| 8 | 136 | 135.42 | 1,504.0 | |
| 9 | 145 | 112.98 | 1,179.4 | |
| 10 | 152 | 192.99 | 1,924.3 | |
| 11 | 154 | 83.63 | 820.5 | |
| 12 | 158 | 113.54 | 1,088.8 | |
| 13 | 160 | 47.01 | 443.8 | |
| 14 | 162 | 129.19 | 1,209.3 | |
| 15 | 167 | 256.41 | 2,328.9 | |
| 16 | 175 | 171.91 | 1,490.1 | |
| 17 | 182 | 101.24 | 843.1 | |
| 18 | 186 | 73.43 | 599.7 | |
| 19 | 188 | 79.22 | 637.5 | |
| 20 | 193 | 77.17 | 606.8 | |
| 21 | 196 | 49.13 | 380.4 | |
| 22 | 199 | 50.40 | 384.2 | |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2012-07-10\2012-07-10_007.xad

Created: 7/10/2012 3:31:27 PM
 Modified: 7/10/2012 4:13:21 PM

Electropherogram Summary Continued ...

... Peak table for sample 9 : IN-19

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 23 | 203 | 113.96 | 849.1 | |
| 24 | 218 | 79.56 | 552.6 | |
| 25 | 224 | 88.18 | 597.3 | |
| 26 | 236 | 66.89 | 429.4 | |
| 27 | 247 | 85.98 | 527.1 | |
| 28 | 254 | 31.00 | 185.0 | |
| 29 | 260 | 57.47 | 334.8 | |
| 30 | 267 | 62.98 | 357.6 | |
| 31 | 277 | 36.63 | 200.6 | |
| 32 | 286 | 79.65 | 422.0 | |
| 33 | 298 | 48.76 | 247.6 | |
| 34 | 308 | 44.70 | 219.8 | |
| 35 | 319 | 52.19 | 247.7 | |
| 36 | 329 | 34.99 | 161.2 | |
| 37 | 337 | 23.13 | 104.1 | |
| 38 | 343 | 23.72 | 104.9 | |
| 39 | 350 | 46.11 | 199.3 | |
| 40 | 359 | 42.46 | 179.2 | |
| 41 | 367 | 43.14 | 178.1 | |
| 42 | 376 | 24.02 | 96.9 | |
| 43 | 384 | 33.46 | 131.9 | |
| 44 | 394 | 81.94 | 315.3 | |
| 45 | 413 | 46.80 | 171.9 | |
| 46 | 424 | 70.36 | 251.3 | |
| 47 | 441 | 37.51 | 128.8 | |
| 48 | 451 | 69.49 | 233.6 | |
| 49 | 470 | 49.09 | 158.3 | |
| 50 | 483 | 44.38 | 139.3 | |
| 51 | 491 | 88.61 | 273.4 | |
| 52 | 535 | 28.93 | 81.9 | |
| 53 | 564 | 60.78 | 163.2 | |
| 54 | 597 | 27.56 | 69.9 | |
| 55 | 610 | 46.35 | 115.1 | |
| 56 | 636 | 20.69 | 49.3 | |
| 57 | 647 | 14.86 | 34.8 | |
| 58 | 660 | 23.42 | 53.8 | |
| 59 | 674 | 34.09 | 76.6 | |
| 60 | 717 | 14.38 | 30.4 | |
| 61 | 754 | 10.24 | 20.6 | |
| 62 | 779 | 9.65 | 18.8 | |
| 63 | 837 | 5.11 | 9.3 | |
| 64 | 872 | 3.25 | 5.7 | |
| 65 | 897 | 1.56 | 2.6 | |
| 66 | 1,066 | 0.88 | 1.3 | |
| 67 | 2,604 | 0.83 | 0.5 | |
| 68 | 2,904 | 0.93 | 0.5 | |
| 69 | 3,757 | 0.27 | 0.1 | |
| 70 | 10,380 | 75.00 | 10.9 | Upper Marker |
| 71 | 30,286 | 0.00 | 0.0 | |
| 72 | 52,581 | 0.00 | 0.0 | |
| 73 | 61,340 | 0.00 | 0.0 | |
| 74 | 91,597 | 0.00 | 0.0 | |
| 75 | 112,299 | 0.00 | 0.0 | |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2012-07-10\2012-07-10_007.xad


Created: 7/10/2012 3:31:27 PM
 Modified: 7/10/2012 4:13:21 PM

Electropherogram Summary Continued ...

... Peak table for sample 9 : IN-19

| Peak | Size [bp] | Conc. [pg/µl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 76 | 124,243 | 0.00 | 0.0 | |
| 77 | 136,187 | 0.00 | 0.0 | |
| 78 | 150,519 | 0.00 | 0.0 | |
| 79 | 160,074 | 0.00 | 0.0 | |
| 80 | 173,610 | 0.00 | 0.0 | |
| 81 | 187,943 | 0.00 | 0.0 | |
| 82 | 205,460 | 0.00 | 0.0 | |
| 83 | 215,811 | 0.00 | 0.0 | |
| 84 | 234,125 | 0.00 | 0.0 | |
| 85 | 242,883 | 0.00 | 0.0 | |
| 86 | 254,031 | 0.00 | 0.0 | |
| 87 | 264,382 | 0.00 | 0.0 | |
| 88 | 270,752 | 0.00 | 0.0 | |
| 89 | 281,899 | 0.00 | 0.0 | |
| 90 | 293,843 | 0.00 | 0.0 | |
| 91 | 304,991 | 0.00 | 0.0 | |
| 92 | 312,953 | 0.00 | 0.0 | |
| 93 | 325,693 | 0.00 | 0.0 | |
| 94 | 332,063 | 0.00 | 0.0 | |
| 95 | 340,025 | 0.00 | 0.0 | |
| 96 | 351,172 | 0.00 | 0.0 | |
| 97 | 359,135 | 0.00 | 0.0 | |
| 98 | 367,097 | 0.00 | 0.0 | |
| 99 | 375,856 | 0.00 | 0.0 | |
| 100 | 387,003 | 0.00 | 0.0 | |

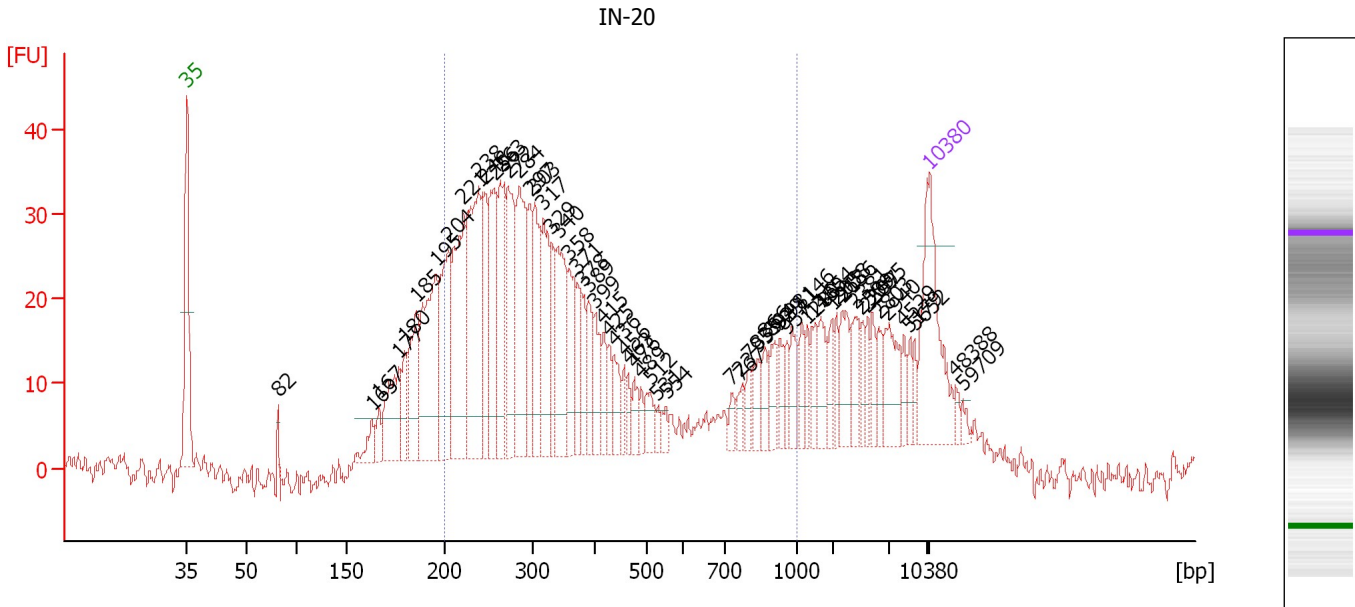
Region table for sample 9 : IN-19

| 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 | 401 | 9,240.7 | 2,047.07 | 519.8 | 51 | 36.0 |  |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2012-07-10\2012-07-10_007.xad

Created: 7/10/2012 3:31:27 PM
 Modified: 7/10/2012 4:13:21 PM

Electropherogram Summary Continued ...



Setpoint Deviations for sample 10 : IN-20

Width Threshold [s] : 0.1

Overall Results for sample 10 : IN-20

Number of peaks found: 63 Corr. Area 1: 614.7
 Noise: 1.2

Peak table for sample 10 : IN-20


| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 82 | 6.54 | 121.0 | |
| 3 | 163 | 18.71 | 173.9 | |
| 4 | 167 | 14.05 | 127.8 | |
| 5 | 177 | 65.88 | 564.8 | |
| 6 | 180 | 29.03 | 244.6 | |
| 7 | 185 | 68.98 | 563.8 | |
| 8 | 195 | 134.15 | 1,039.9 | |
| 9 | 204 | 105.22 | 780.7 | |
| 10 | 221 | 133.88 | 917.4 | |
| 11 | 238 | 154.35 | 982.5 | |
| 12 | 246 | 56.09 | 346.1 | |
| 13 | 256 | 88.17 | 522.7 | |
| 14 | 263 | 83.49 | 480.9 | |
| 15 | 272 | 84.37 | 470.2 | |
| 16 | 284 | 96.42 | 513.7 | |
| 17 | 297 | 42.90 | 218.9 | |
| 18 | 303 | 63.41 | 317.4 | |
| 19 | 317 | 69.74 | 333.6 | |
| 20 | 329 | 22.56 | 103.9 | |
| 21 | 340 | 77.64 | 346.4 | |
| 22 | 358 | 39.89 | 168.8 | |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2012-07-10\2012-07-10_007.xad


Created: 7/10/2012 3:31:27 PM
 Modified: 7/10/2012 4:13:21 PM

Electropherogram Summary Continued ...

... Peak table for sample 10 : IN-20

| Peak | Size [bp] | Conc. [pg/µl] | Molarity [pmol/l] | Observations |
|------|--|---------------|-------------------|--------------|
| 23 | 371 | 33.51 | 136.7 | |
| 24 | 378 | 20.35 | 81.5 | |
| 25 | 389 | 25.82 | 100.6 | |
| 26 | 399 | 26.89 | 102.2 | |
| 27 | 415 | 19.50 | 71.1 | |
| 28 | 425 | 14.67 | 52.3 | |
| 29 | 436 | 20.43 | 71.0 | |
| 30 | 456 | 9.95 | 33.0 | |
| 31 | 463 | 7.50 | 24.6 | |
| 32 | 476 | 11.77 | 37.5 | |
| 33 | 489 | 10.24 | 31.7 | |
| 34 | 512 | 15.29 | 45.2 | |
| 35 | 531 | 7.17 | 20.5 | |
| 36 | 554 | 7.10 | 19.4 | |
| 37 | 723 | 8.70 | 18.2 | |
| 38 | 767 | 9.59 | 18.9 | |
| 39 | 795 | 10.17 | 19.4 | |
| 40 | 835 | 16.37 | 29.7 | |
| 41 | 866 | 13.24 | 23.2 | |
| 42 | 894 | 18.71 | 31.7 | |
| 43 | 929 | 12.89 | 21.0 | |
| 44 | 957 | 10.14 | 16.1 | |
| 45 | 981 | 19.03 | 29.4 | |
| 46 | 1,146 | 13.40 | 17.7 | |
| 47 | 1,280 | 8.27 | 9.8 | |
| 48 | 1,430 | 13.23 | 14.0 | |
| 49 | 1,654 | 19.82 | 18.2 | |
| 50 | 1,968 | 12.08 | 9.3 | |
| 51 | 2,058 | 10.07 | 7.4 | |
| 52 | 2,156 | 24.23 | 17.0 | |
| 53 | 2,381 | 18.06 | 11.5 | |
| 54 | 2,509 | 7.64 | 4.6 | |
| 55 | 2,597 | 8.58 | 5.0 | |
| 56 | 2,695 | 12.66 | 7.1 | |
| 57 | 2,803 | 10.00 | 5.4 | |
| 58 | 2,940 | 30.47 | 15.7 | |
| 59 | 4,529 | 9.35 | 3.1 | |
| 60 | 5,179 | 7.55 | 2.2 | |
| 61 | 5,652 | 8.03 | 2.2 | |
| 62 |  10,380 | 75.00 | 10.9 | Upper Marker |
| 63 | 48,388 | 0.00 | 0.0 | |
| 64 | 59,709 | 0.00 | 0.0 | |
| 65 | 429,274 | 0.00 | 0.0 | |

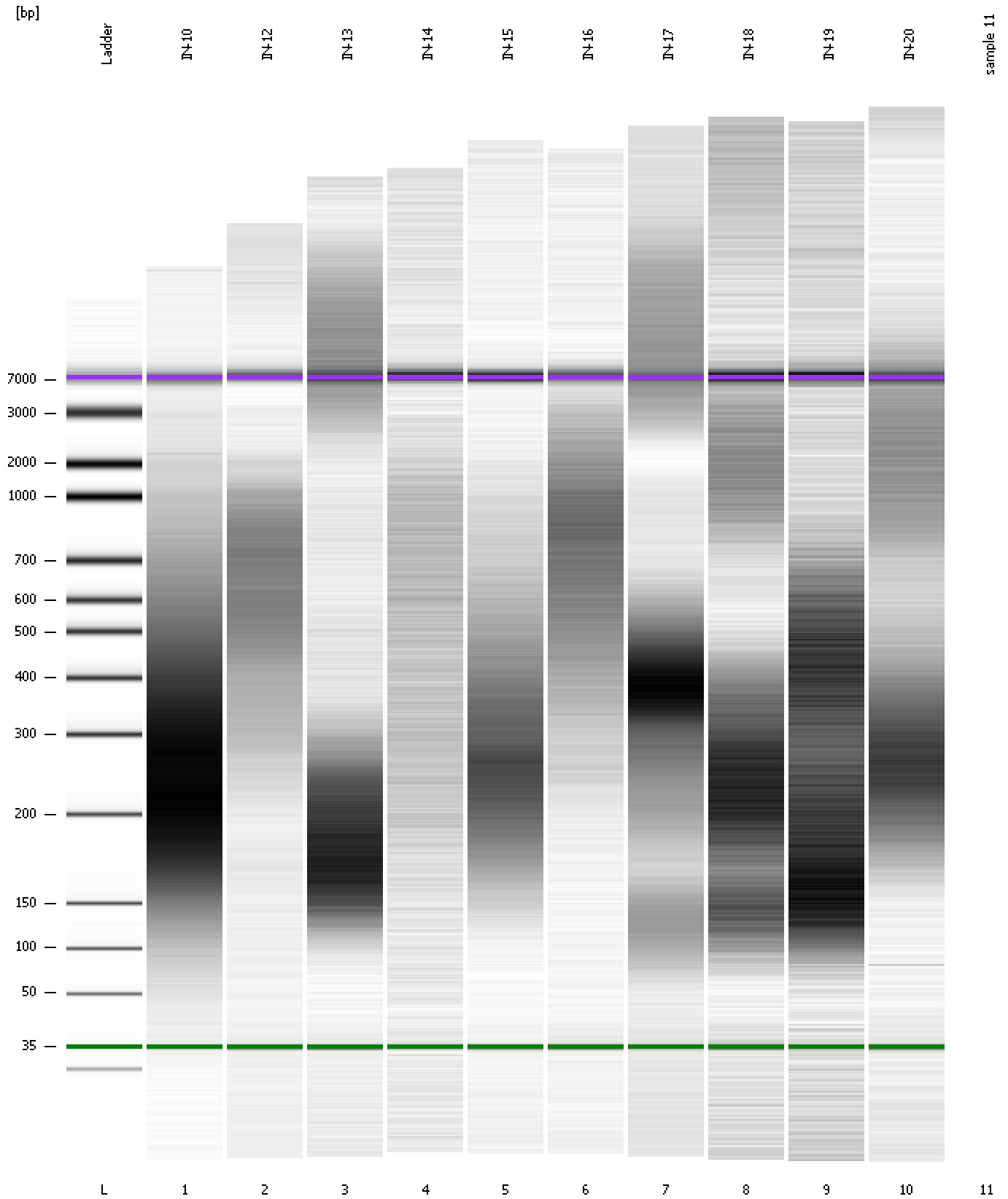
Region table for sample 10 : IN-20

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/µl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|---|
| 200 | 1,000 | 385 | 7,173.1 | 1,444.46 | 614.7 | 70 | 53.4 |  |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2012-07-10\2012-07-10_007.xad

Created: 7/10/2012 3:31:27 PM
Modified: 7/10/2012 4:13:21 PM

Gel Image



Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2012-07-10\2012-07-10_007.xad

Created: 7/10/2012 3:31:27 PM
Modified: 7/10/2012 4:13:21 PM

Invalid Samples

Sample 11 has not been run, no results available.

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2012-07-10\2012-07-10_007.xad

Created: 7/10/2012 3:31:27 PM
 Modified: 7/10/2012 4:13:21 PM

Run Logbook

| Description | Number | Source | Category | Sub Category | Time | Time Zone | User | Host |
|---|--------|------------|----------|--------------|----------------------|-------------------------------------|----------|----------|
| Run ended on port 1 (Number of wells acquired: 11) | | Instrument | Run | | 7/10/2012 4:09:54 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Run started on port 1 (File: C:\Documents and Settings\Bioanalyzer\2012-07-10\2012-07-10_007.xad) | | Instrument | Run | | 7/10/2012 3:31:33 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Product Number : G2938B | | Instrument | Run | | 7/10/2012 3:31:33 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Name : | | Instrument | Run | | 7/10/2012 3:31:33 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Vendor : Agilent Technologies | | Instrument | Run | | 7/10/2012 3:31:33 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Serial# : DE13701086 | | Instrument | Run | | 7/10/2012 3:31:33 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Firmware : C.01.069 | | Instrument | Run | | 7/10/2012 3:31:33 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Cartridge : Electrode | | Instrument | Run | | 7/10/2012 3:31:33 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |