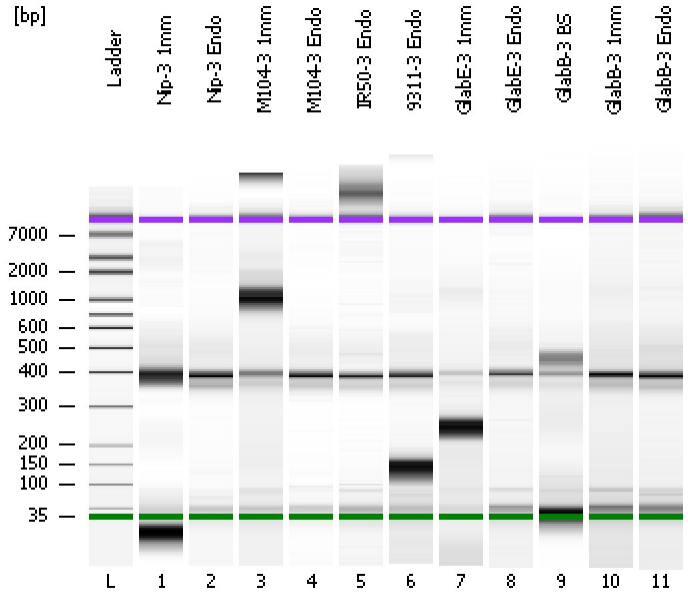
Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-05-23\2013-05-23_003.xad

Created: 5/23/2013 1:34:42 PM
Modified: 5/23/2013 2:22:33 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 |

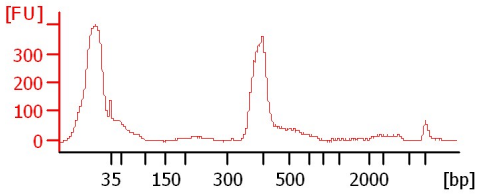
Chip Information:

Chip Lot #:

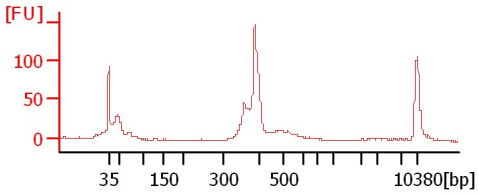
Reagent Kit Lot #:

Chip Comments:

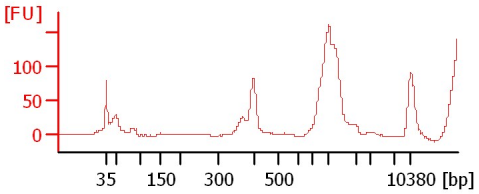
**Nip-3 1mm**



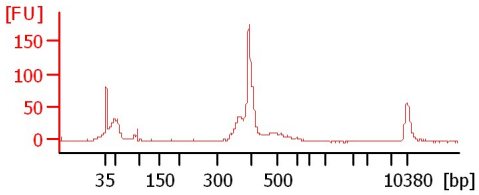

**Nip-3 Endo**



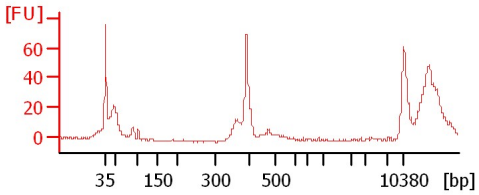

**M104-3 1mm**



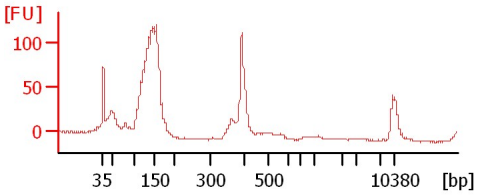

**M104-3 Endo**



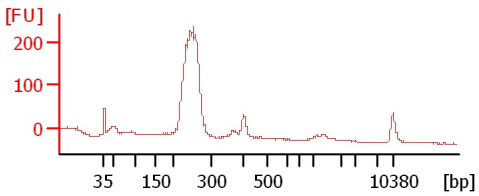

**IR50-3 Endo**



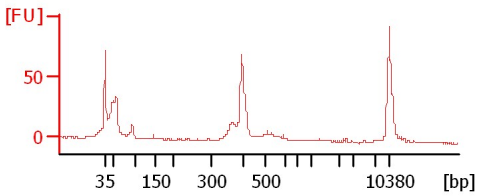

**9311-3 Endo**



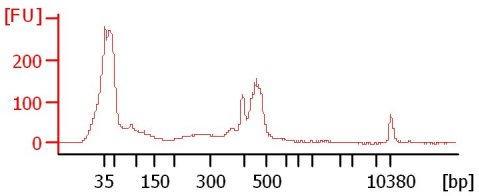

**GlabE-3 1mm**



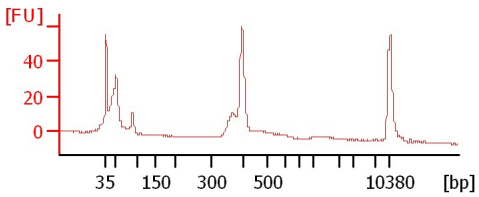

**GlabE-3 Endo**



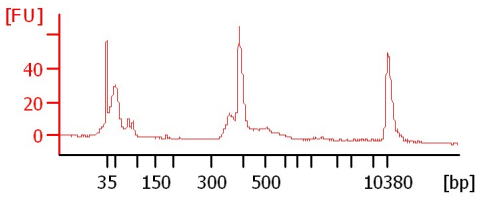

**GlabB-3 BS**




**GlabB-3 1mm**




**GlabB-3 Endo**



Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-05-23\2013-05-23_003.xad

Created: 5/23/2013 1:34:42 PM
Modified: 5/23/2013 2:22:33 PM

**Electrophoresis File Run Summary (Chip Summary)**

| Sample Name | Sample Comment | Rest. Digest | Status | Observation | Result Label | Result Color |
|---|---|---|---|---|---|---|
| Nip-3 1mm | | ☐ | ✔ | | | |
| Nip-3 Endo | | ☐ | ✔ | | | |
| M104-3 1mm | | ☐ | ✔ | | | |
| M104-3 Endo | | ☐ | ✔ | | | |
| IR50-3 Endo | | ☐ | ✔ | | | |
| 9311-3 Endo | | ☐ | ✔ | | | |
| GlabE-3 1mm | | ☐ | ✔ | | | |
| GlabE-3 Endo | | ☐ | ✔ | | | |
| GlabB-3 BS | | ☐ | ✔ | | | |
| GlabB-3 1mm | | ☐ | ✔ | | | |
| GlabB-3 Endo | | ☐ | ✔ | | | |
| Ladder | | ☐ | ✔ | | | |

**Chip Lot #** **Reagent Kit Lot #**

**Chip Comments :**

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-05-23\2013-05-23_003.xad

Created: 5/23/2013 1:34:42 PM
Modified: 5/23/2013 2:22:33 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

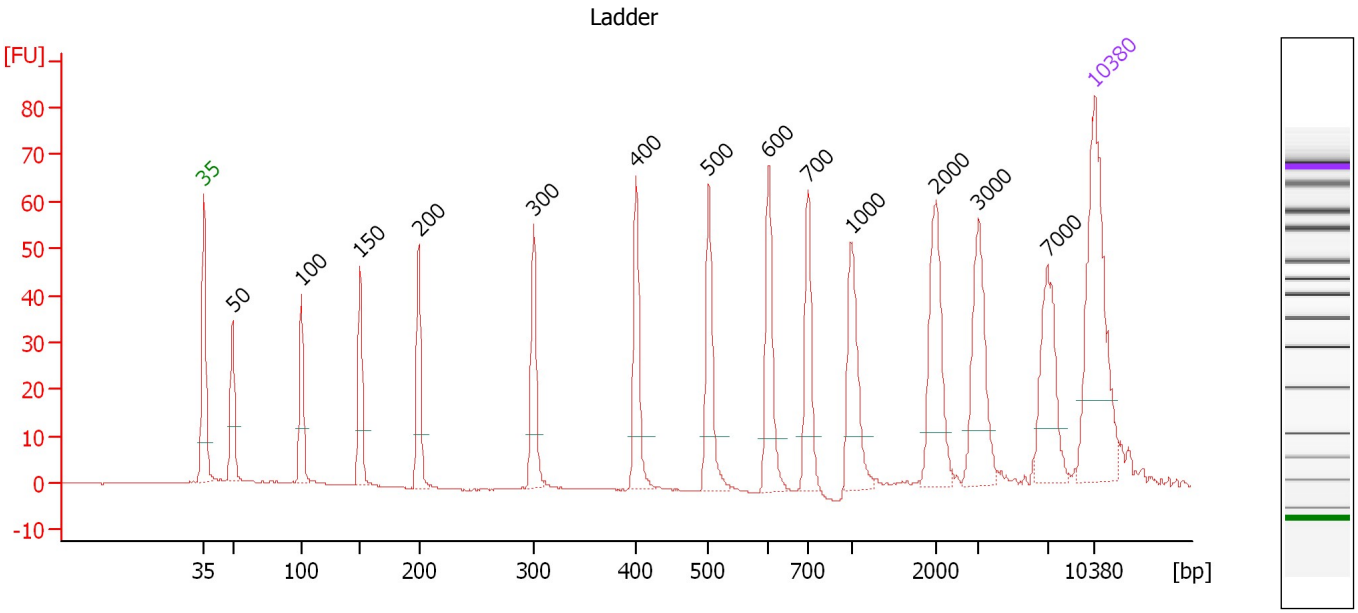
### Ladder

| 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\2013-05-23\2013-05-23_003.xad

Created: 5/23/2013 1:34:42 PM
Modified: 5/23/2013 2:22:33 PM

## Electropherogram Summary




## Overall Results for Ladder

Noise: 0.1

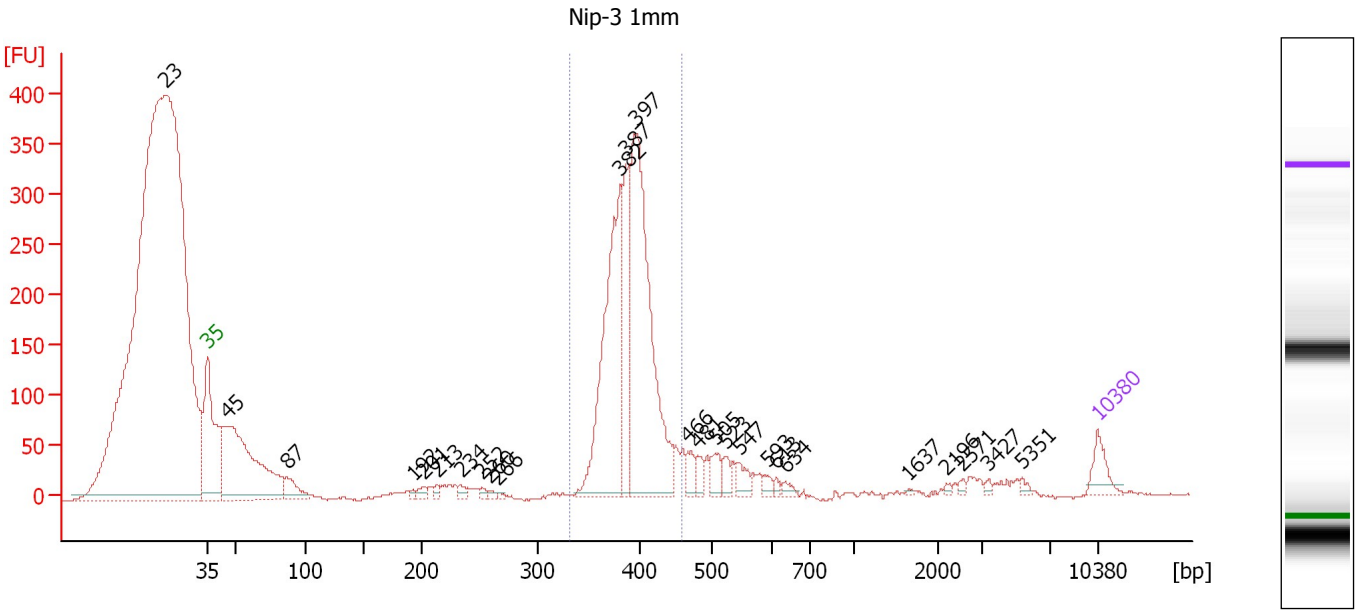
## Peak table for Ladder

| 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\2013-05-23\2013-05-23_003.xad

Created: 5/23/2013 1:34:42 PM
Modified: 5/23/2013 2:22:33 PM

**Electropherogram Summary Continued ...**




**Overall Results for sample 1 : Nip-3 1mm**

| | | | |
|---|---|---|---|
| Number of peaks found: | 26 | Corr. Area 1: | 1,935.7 |
| Noise: | 1.1 | | |

**Peak table for sample 1 : Nip-3 1mm**

| Peak | Size [bp] | Conc. [pg/µl] | Molarity [pmol/l] | Observations |
|---|---|---|---|---|
| 1 | 23 | 0.00 | 0.0 | |
| 2 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 3 | 45 | 1,279.16 | 43,058.0 | |
| 4 | 87 | 138.64 | 2,417.5 | |
| 5 | 192 | 16.68 | 131.6 | |
| 6 | 201 | 30.82 | 232.1 | |
| 7 | 213 | 23.49 | 167.3 | |
| 8 | 234 | 25.35 | 164.4 | |
| 9 | 252 | 18.82 | 113.1 | |
| 10 | 260 | 15.08 | 88.0 | |
| 11 | 266 | 9.54 | 54.3 | |
| 12 | 382 | 1,098.37 | 4,359.6 | |
| 13 | 387 | 389.47 | 1,525.0 | |
| 14 | 397 | 1,464.79 | 5,585.0 | |
| 15 | 466 | 66.53 | 216.2 | |
| 16 | 481 | 56.55 | 178.2 | |
| 17 | 505 | 74.00 | 221.8 | |
| 18 | 523 | 50.88 | 147.3 | |
| 19 | 547 | 61.27 | 169.8 | |
| 20 | 593 | 28.20 | 72.0 | |
| 21 | 613 | 15.71 | 38.9 | |
| 22 | 634 | 23.21 | 55.4 | |
| 23 | 1,637 | 4.75 | 4.4 | |
| 24 | 2,196 | 8.62 | 5.9 | |
| 25 | 2,571 | 11.85 | 7.0 | |
| 26 | 3,427 | 10.96 | 4.8 | |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-05-23\2013-05-23_003.xad

Created: 5/23/2013 1:34:42 PM
Modified: 5/23/2013 2:22:33 PM

**Electropherogram Summary Continued ...**

**... Peak table for sample 1 : Nip-3 1mm**

| Peak | Size [bp] | Conc. [pg/µl] | Molarity [pmol/l] | Observations |
|---|---|---|---|---|
| 27 | 5,351 | 12.55 | 3.6 | |
| 28 | 10,380 | 75.00 | 10.9 | Upper Marker |

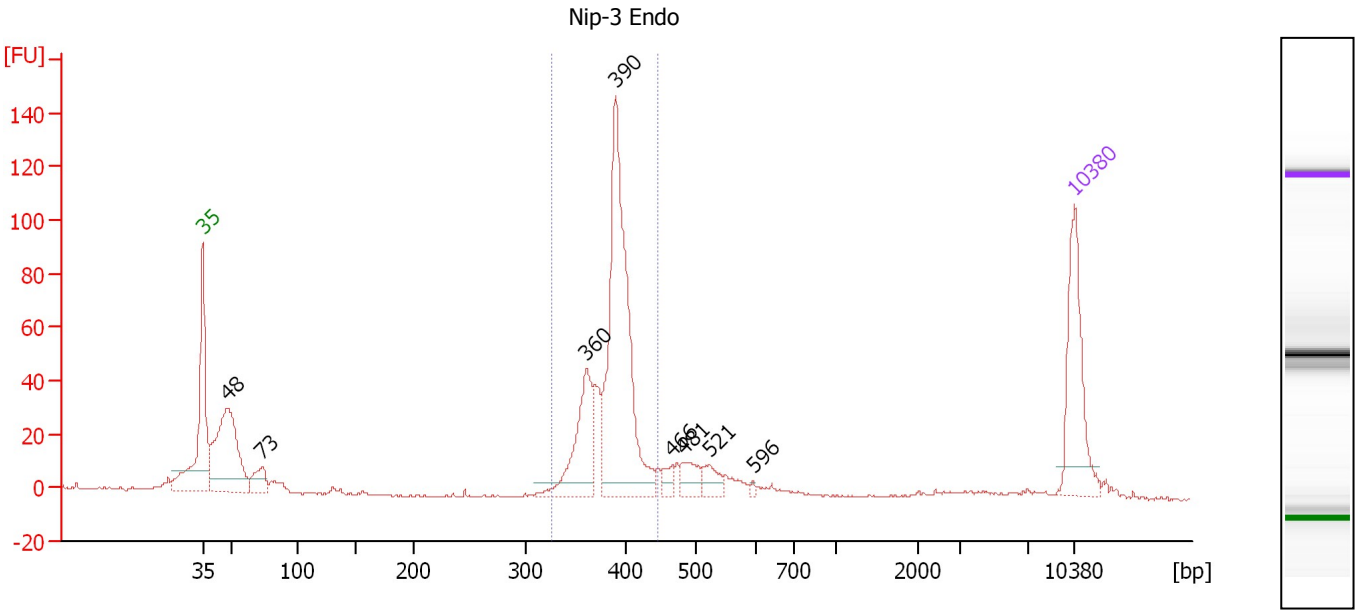
**Region table for sample 1 : Nip-3 1mm**

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/µl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|---|---|---|---|---|---|---|---|---|
| 331 | 459 | 393 | 11,763.7 | 3,039.38 | 1,935.7 | 23 | 5.6 | |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-05-23\2013-05-23_003.xad

Created: 5/23/2013 1:34:42 PM
Modified: 5/23/2013 2:22:33 PM

**Electropherogram Summary Continued ...**




**Overall Results for sample 2 : Nip-3 Endo**

| | | | |
|---|---|---|---|
| Number of peaks found: | 8 | Corr. Area 1: | 470.4 |
| Noise: | 0.4 | | |

**Peak table for sample 2 : Nip-3 Endo**

| Peak | | Size [bp] | Conc. [pg/µl] | Molarity [pmol/l] | Observations |
|---|---|---|---|---|---|
| 1 | ◀ | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | | 48 | 190.94 | 6,019.8 | |
| 3 | | 73 | 28.83 | 594.8 | |
| 4 | | 360 | 94.41 | 397.0 | |
| 5 | | 390 | 284.69 | 1,105.6 | |
| 6 | | 466 | 11.40 | 37.1 | |
| 7 | | 481 | 22.58 | 71.2 | |
| 8 | | 521 | 17.09 | 49.7 | |
| 9 | | 596 | 2.32 | 5.9 | |
| 10 | ▶ | 10,380 | 75.00 | 10.9 | Upper Marker |

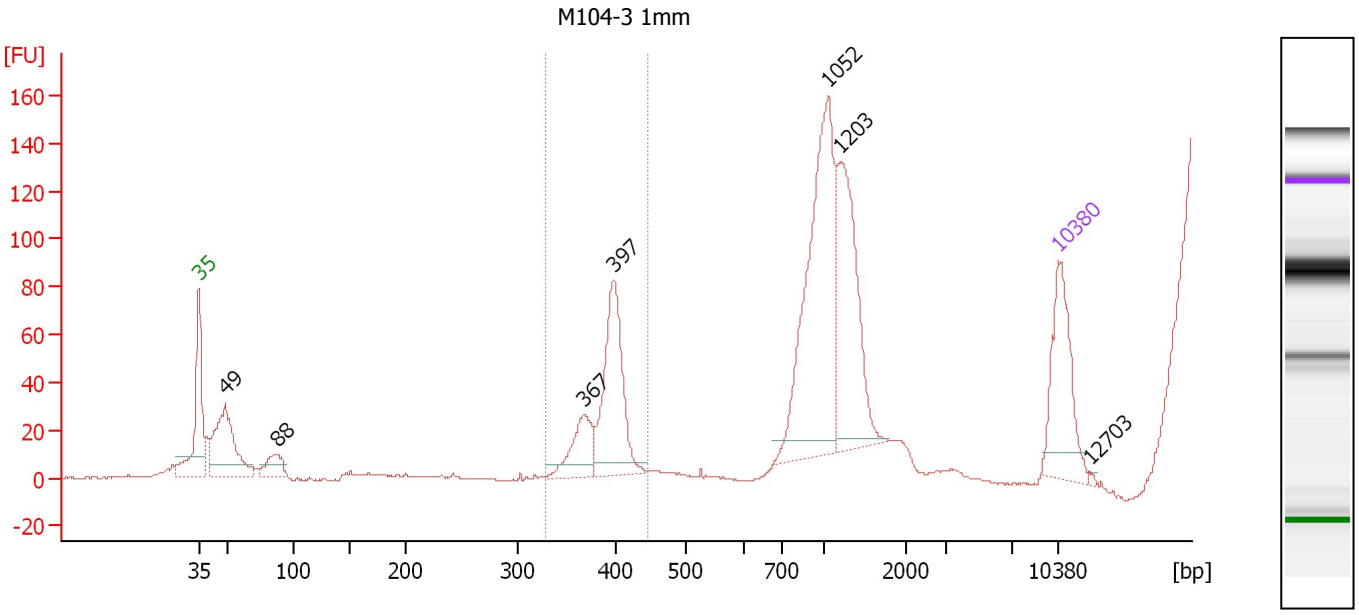
**Region table for sample 2 : Nip-3 Endo**

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/µl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|---|---|---|---|---|---|---|---|---|
| 326 | 446 | 386 | 1,550.8 | 394.48 | 470.4 | 60 | 5.2 | |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-05-23\2013-05-23_003.xad

Created: 5/23/2013 1:34:42 PM
Modified: 5/23/2013 2:22:33 PM

**Electropherogram Summary Continued ...**




**Overall Results for sample 3 : M104-3 1mm**

| | | | |
|---|---|---|---|
| Number of peaks found: | 7 | Corr. Area 1: | 36.1 |
| Noise: | 0.3 | | |

**Peak table for sample 3 : M104-3 1mm**

| Peak | Size [bp] | Conc. [pg/µl] | Molarity [pmol/l] | Observations |
|---|---|---|---|---|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 49 | 131.76 | 4,065.0 | |
| 3 | 88 | 30.32 | 521.2 | |
| 4 | 367 | 51.72 | 213.6 | |
| 5 | 397 | 136.35 | 520.2 | |
| 6 | 1,052 | 236.71 | 341.0 | |
| 7 | 1,203 | 144.08 | 181.5 | |
| 8 | 10,380 | 75.00 | 10.9 | Upper Marker |
| 9 | 12,703 | 0.00 | 0.0 | |

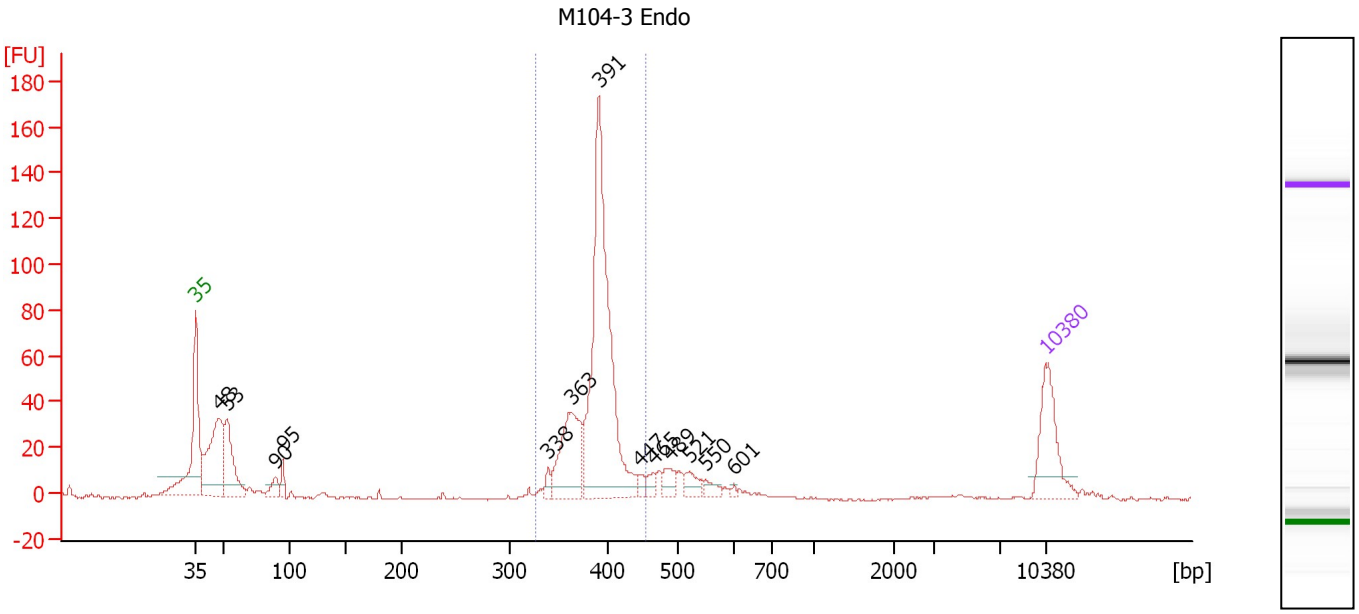
**Region table for sample 3 : M104-3 1mm**

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/µl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|---|---|---|---|---|---|---|---|---|
| 328 | 446 | 398 | 96.2 | 25.23 | 36.1 | 11 | 1.0 | |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-05-23\2013-05-23_003.xad

Created: 5/23/2013 1:34:42 PM
Modified: 5/23/2013 2:22:33 PM

**Electropherogram Summary Continued ...**




**Overall Results for sample 4 : M104-3 Endo**

| | | | |
|---|---|---|---|
| Number of peaks found: | 13 | Corr. Area 1: | 479.3 |
| Noise: | 0.4 | | |

**Peak table for sample 4 : M104-3 Endo**

| Peak | Size [bp] | Conc. [pg/µl] | Molarity [pmol/l] | Observations |
|---|---|---|---|---|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 48 | 209.73 | 6,685.7 | |
| 3 | 53 | 122.04 | 3,484.9 | |
| 4 | 90 | 25.06 | 421.7 | |
| 5 | 95 | 20.26 | 322.0 | |
| 6 | 338 | 11.35 | 50.9 | |
| 7 | 363 | 134.26 | 560.8 | |
| 8 | 391 | 462.24 | 1,792.9 | |
| 9 | 447 | 11.23 | 38.1 | |
| 10 | 465 | 12.17 | 39.6 | |
| 11 | 489 | 22.66 | 70.3 | |
| 12 | 521 | 22.05 | 64.2 | |
| 13 | 550 | 13.31 | 36.7 | |
| 14 | 601 | 3.96 | 10.0 | |
| 15 | 10,380 | 75.00 | 10.9 | Upper Marker |

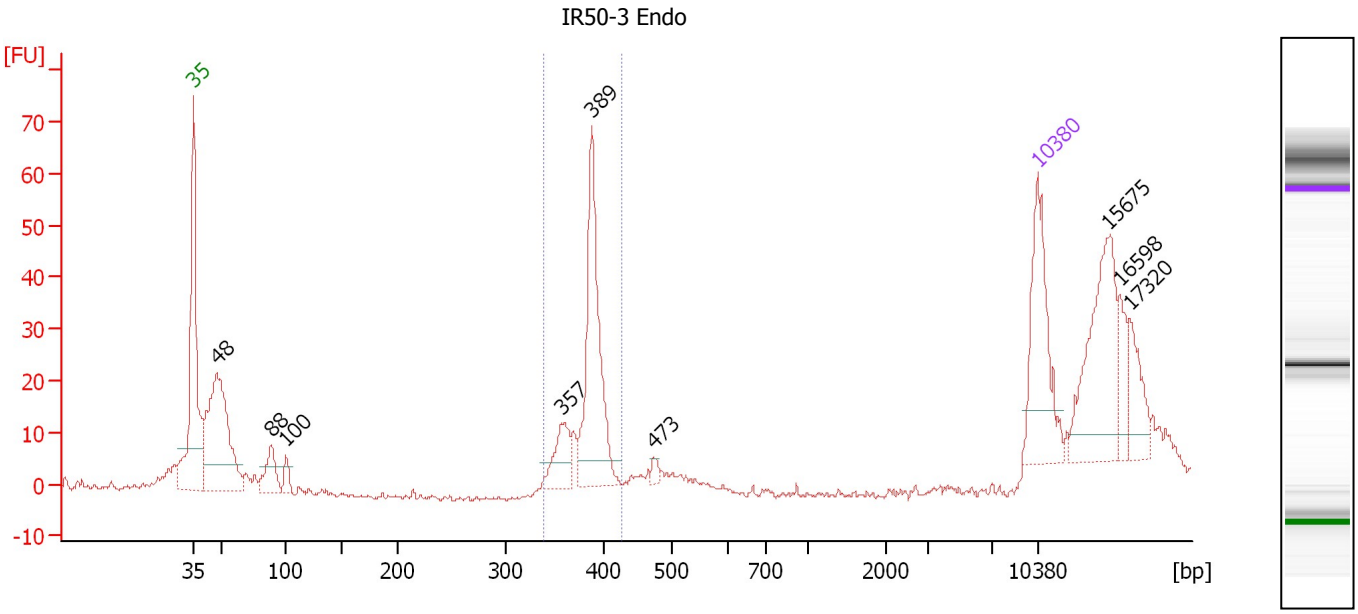
**Region table for sample 4 : M104-3 Endo**

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/µl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|---|---|---|---|---|---|---|---|---|
| 325 | 455 | 388 | 2,360.2 | 603.68 | 479.3 | 62 | 5.4 | |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-05-23\2013-05-23_003.xad

Created: 5/23/2013 1:34:42 PM
Modified: 5/23/2013 2:22:33 PM

**Electropherogram Summary Continued ...**




**Overall Results for sample 5 : IR50-3 Endo**

| | | | |
|---|---|---|---|
| Number of peaks found: | 9 | Corr. Area 1: | 131.0 |
| Noise: | 0.5 | | |

**Peak table for sample 5 : IR50-3 Endo**

| Peak | Size [bp] | Conc. [pg/µl] | Molarity [pmol/l] | Observations |
|---|---|---|---|---|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 48 | 214.89 | 6,837.8 | |
| 3 | 88 | 36.45 | 624.5 | |
| 4 | 100 | 13.38 | 203.0 | |
| 5 | 357 | 38.91 | 165.0 | |
| 6 | 389 | 151.23 | 589.7 | |
| 7 | 473 | 5.94 | 19.0 | |
| 8 | 10,380 | 75.00 | 10.9 | Upper Marker |
| 9 | 15,675 | 0.00 | 0.0 | |
| 10 | 16,598 | 0.00 | 0.0 | |
| 11 | 17,320 | 0.00 | 0.0 | |

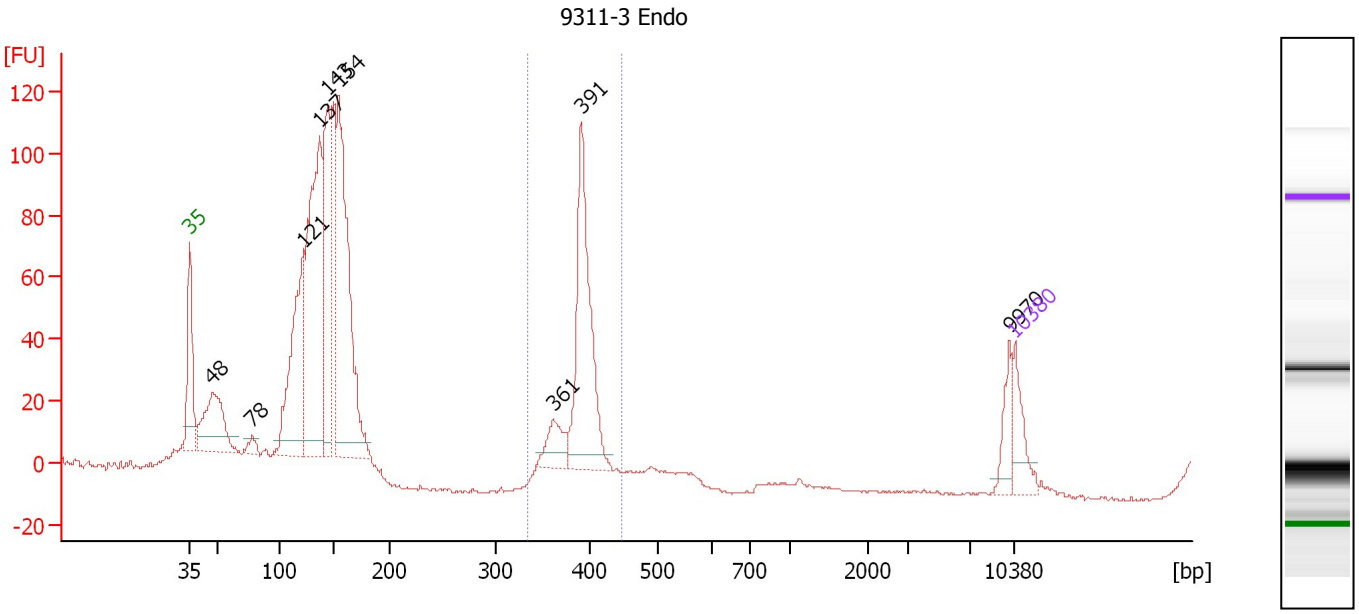
**Region table for sample 5 : IR50-3 Endo**

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/µl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|---|---|---|---|---|---|---|---|---|
| 340 | 429 | 384 | 704.2 | 178.58 | 131.0 | 29 | 3.7 | |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-05-23\2013-05-23_003.xad

Created: 5/23/2013 1:34:42 PM
Modified: 5/23/2013 2:22:33 PM

**Electropherogram Summary Continued ...**




**Overall Results for sample 6 : 9311-3 Endo**

| | | | |
|---|---|---|---|
| Number of peaks found: | 9 | Corr. Area 1: | 237.0 |
| Noise: | 0.4 | | |

**Peak table for sample 6 : 9311-3 Endo**

| Peak | | Size [bp] | Conc. [pg/µl] | Molarity [pmol/l] | Observations |
|---|---|---|---|---|---|
| 1 | ◀ | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | | 48 | 308.43 | 9,817.2 | |
| 3 | | 78 | 30.80 | 601.1 | |
| 4 | | 121 | 517.77 | 6,488.5 | |
| 5 | | 137 | 876.09 | 9,716.3 | |
| 6 | | 143 | 494.80 | 5,224.7 | |
| 7 | | 154 | 867.93 | 8,550.3 | |
| 8 | | 361 | 89.86 | 377.5 | |
| 9 | | 391 | 472.78 | 1,834.2 | |
| 10 | | 9,970 | 59.32 | 9.0 | |
| 11 | ▶ | 10,380 | 75.00 | 10.9 | Upper Marker |

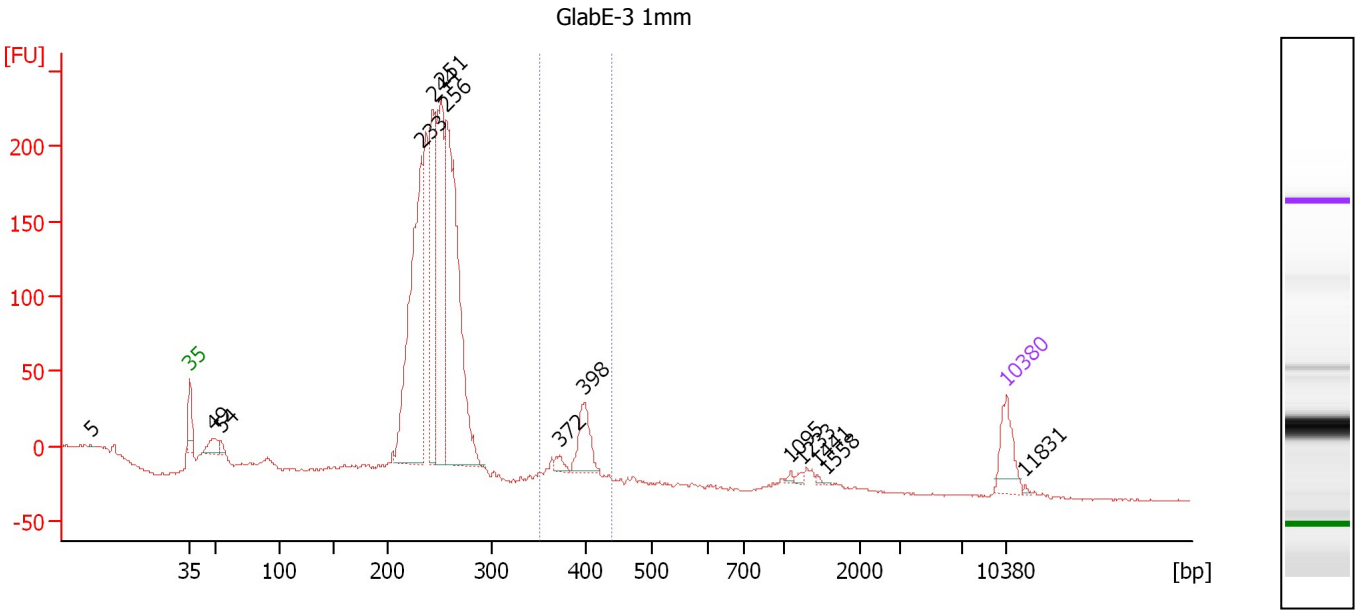
**Region table for sample 6 : 9311-3 Endo**

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/µl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|---|---|---|---|---|---|---|---|---|
| 333 | 448 | 390 | 2,181.6 | 560.59 | 237.0 | 16 | 3.8 | |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-05-23\2013-05-23_003.xad

Created: 5/23/2013 1:34:42 PM
Modified: 5/23/2013 2:22:33 PM

**Electropherogram Summary Continued ...**




**Setpoint Deviations for sample 7 : GlabE-3 1mm**

Height Threshold [FU] : 1

**Overall Results for sample 7 : GlabE-3 1mm**

| | | | |
|---|---|---|---|
| Number of peaks found: | 14 | Corr. Area 1: | 85.0 |
| Noise: | 0.3 | | |

**Peak table for sample 7 : GlabE-3 1mm**

| Peak | Size [bp] | Conc. [pg/µl] | Molarity [pmol/l] | Observations |
|---|---|---|---|---|
| 1 | 5 | 0.00 | 0.0 | |
| 2 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 3 | 49 | 48.62 | 1,504.9 | |
| 4 | 54 | 18.71 | 528.8 | |
| 5 | 233 | 730.47 | 4,755.7 | |
| 6 | 244 | 416.86 | 2,590.2 | |
| 7 | 251 | 505.37 | 3,045.5 | |
| 8 | 256 | 848.08 | 5,010.1 | |
| 9 | 372 | 17.50 | 71.4 | |
| 10 | 398 | 105.40 | 401.0 | |
| 11 | 1,095 | 5.37 | 7.4 | |
| 12 | 1,233 | 5.75 | 7.1 | |
| 13 | 1,441 | 3.63 | 3.8 | |
| 14 | 1,558 | 1.03 | 1.0 | |
| 15 | 10,380 | 75.00 | 10.9 | Upper Marker |
| 16 | 11,831 | 0.00 | 0.0 | |

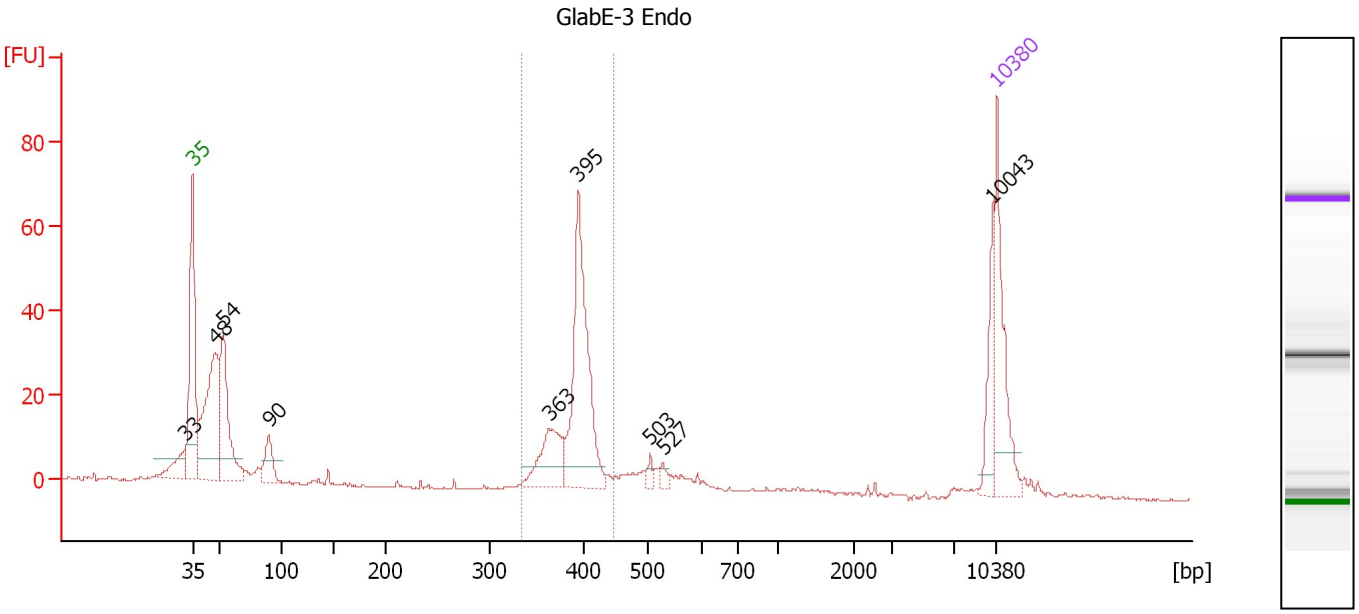
**Region table for sample 7 : GlabE-3 1mm**

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/µl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|---|---|---|---|---|---|---|---|---|
| 350 | 440 | 394 | 475.9 | 123.74 | 85.0 | 5 | 3.2 | |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-05-23\2013-05-23_003.xad

Created: 5/23/2013 1:34:42 PM
Modified: 5/23/2013 2:22:33 PM

**Electropherogram Summary Continued ...**




**Overall Results for sample 8 : GlabE-3 Endo**

| | | | |
|---|---|---|---|
| Number of peaks found: | 9 | Corr. Area 1: | 179.4 |
| Noise: | 0.3 | | |

**Peak table for sample 8 : GlabE-3 Endo**

| Peak | | Size [bp] | Conc. [pg/µl] | Molarity [pmol/l] | Observations |
|---|---|---|---|---|---|
| 1 | | 33 | 0.00 | 0.0 | |
| 2 | ◀ | 35 | 125.00 | 5,411.3 | Lower Marker |
| 3 | | 48 | 196.52 | 6,212.8 | |
| 4 | | 54 | 141.56 | 3,973.3 | |
| 5 | | 90 | 38.00 | 636.4 | |
| 6 | | 363 | 62.75 | 261.8 | |
| 7 | | 395 | 187.42 | 718.1 | |
| 8 | | 503 | 7.11 | 21.4 | |
| 9 | | 527 | 7.21 | 20.7 | |
| 10 | | 10,043 | 32.43 | 4.9 | |
| 11 | ▶ | 10,380 | 75.00 | 10.9 | Upper Marker |

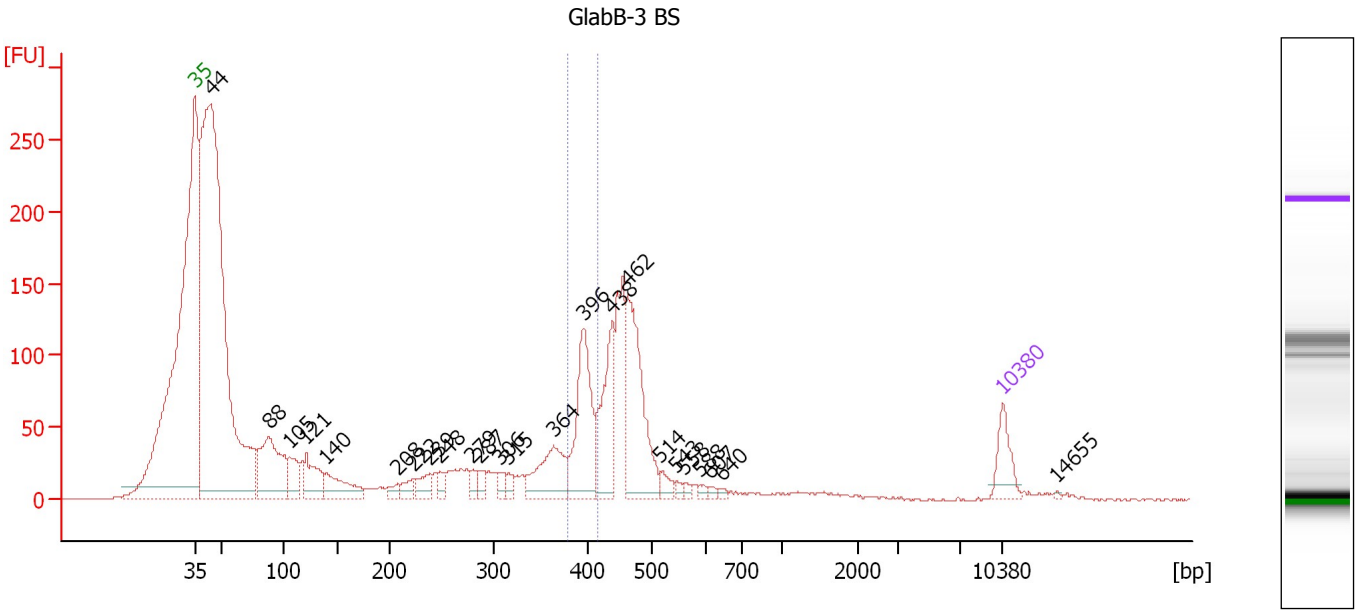
**Region table for sample 8 : GlabE-3 Endo**

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/µl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|---|---|---|---|---|---|---|---|---|
| 333 | 446 | 392 | 996.5 | 257.11 | 179.4 | 36 | 5.1 | |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-05-23\2013-05-23_003.xad

Created: 5/23/2013 1:34:42 PM
Modified: 5/23/2013 2:22:33 PM

**Electropherogram Summary Continued ...**




**Overall Results for sample 9 : GlabB-3 BS**

| | | | |
|---|---|---|---|
| Number of peaks found: | 24 | Corr. Area 1: | 236.7 |
| Noise: | 0.3 | | |

**Peak table for sample 9 : GlabB-3 BS**

| Peak | Size [bp] | Conc. [pg/µl] | Molarity [pmol/l] | Observations |
|---|---|---|---|---|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 44 | 3,307.29 | 114,170.2 | |
| 3 | 88 | 404.05 | 6,948.5 | |
| 4 | 105 | 121.74 | 1,754.9 | |
| 5 | 121 | 165.15 | 2,065.2 | |
| 6 | 140 | 152.74 | 1,650.3 | |
| 7 | 208 | 30.25 | 220.8 | |
| 8 | 222 | 41.58 | 283.9 | |
| 9 | 239 | 63.09 | 400.3 | |
| 10 | 248 | 34.75 | 211.9 | |
| 11 | 279 | 30.22 | 164.1 | |
| 12 | 287 | 33.56 | 177.3 | |
| 13 | 306 | 31.20 | 154.6 | |
| 14 | 315 | 27.08 | 130.2 | |
| 15 | 364 | 198.67 | 825.9 | |
| 16 | 396 | 335.35 | 1,282.8 | |
| 17 | 438 | 249.61 | 862.9 | |
| 18 | 462 | 413.25 | 1,355.8 | |
| 19 | 514 | 33.65 | 99.2 | |
| 20 | 543 | 12.48 | 34.8 | |
| 21 | 558 | 11.10 | 30.1 | |
| 22 | 588 | 10.50 | 27.1 | |
| 23 | 607 | 10.58 | 26.4 | |
| 24 | 640 | 8.29 | 19.6 | |
| 25 | 10,380 | 75.00 | 10.9 | Upper Marker |
| 26 | 14,655 | 0.00 | 0.0 | |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-05-23\2013-05-23_003.xad

Created: 5/23/2013 1:34:42 PM
Modified: 5/23/2013 2:22:33 PM

**Electropherogram Summary Continued ...**

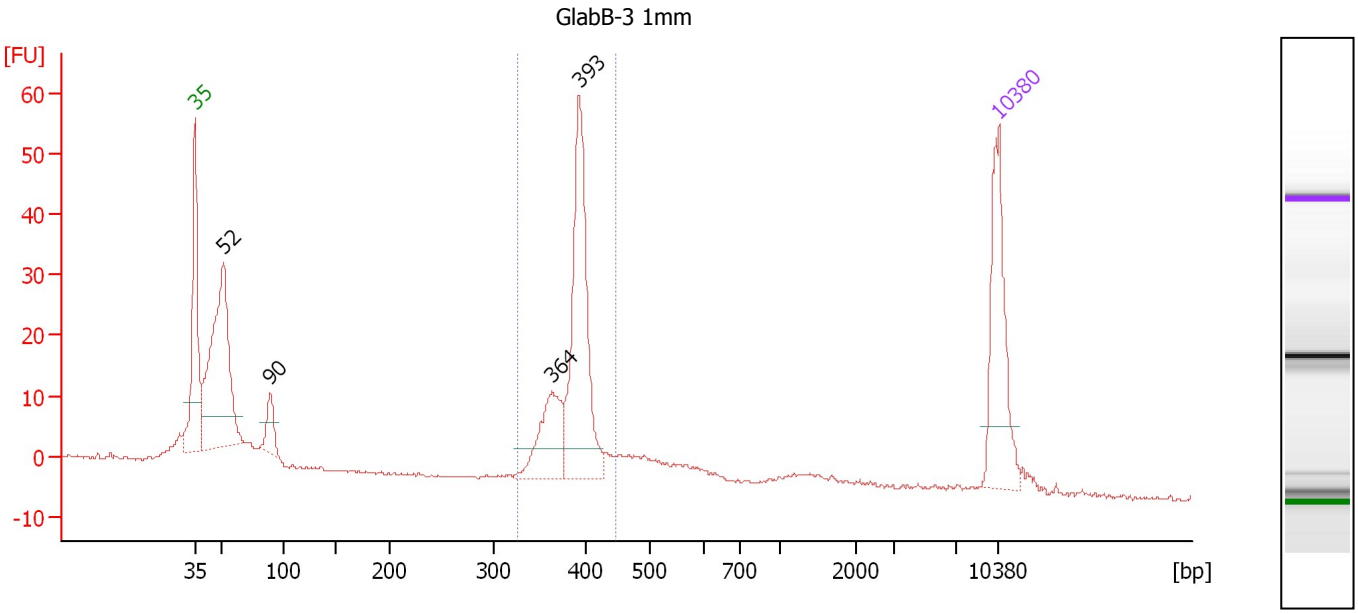
**... Region table for sample 9 : GlabB-3 BS**

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/µl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|---|---|---|---|---|---|---|---|---|
| 380 | 415 | 397 | 1,292.1 | 338.57 | 236.7 | 7 | 2.0 | |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-05-23\2013-05-23_003.xad

Created: 5/23/2013 1:34:42 PM
Modified: 5/23/2013 2:22:33 PM

**Electropherogram Summary Continued ...**




**Overall Results for sample 10 : GlabB-3 1mm**

| | | | |
|---|---|---|---|
| Number of peaks found: | 4 | Corr. Area 1: | 169.4 |
| Noise: | 0.2 | | |

**Peak table for sample 10 : GlabB-3 1mm**

| Peak | | Size [bp] | Conc. [pg/µl] | Molarity [pmol/l] | Observations |
|---|---|---|---|---|---|
| 1 | ◀ | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | | 52 | 251.24 | 7,342.0 | |
| 3 | | 90 | 30.30 | 512.1 | |
| 4 | | 364 | 66.92 | 278.6 | |
| 5 | | 393 | 175.35 | 675.3 | |
| 6 | ▶ | 10,380 | 75.00 | 10.9 | Upper Marker |

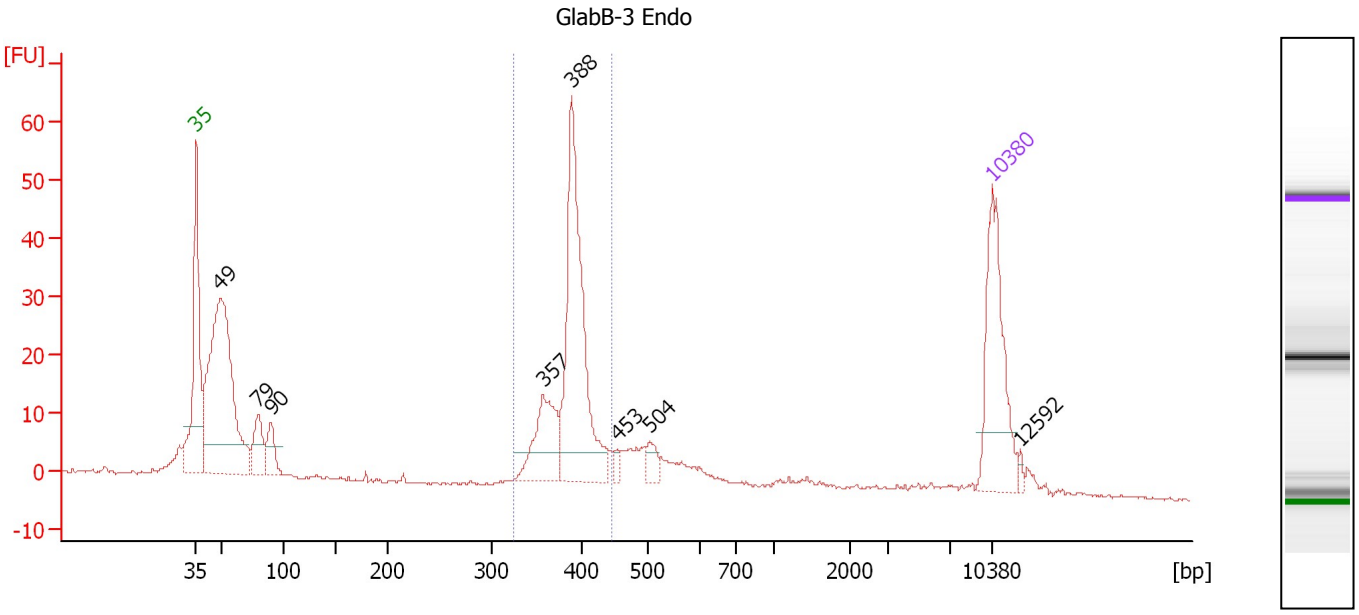
**Region table for sample 10 : GlabB-3 1mm**

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/µl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|---|---|---|---|---|---|---|---|---|
| 326 | 448 | 388 | 953.1 | 243.95 | 169.4 | 40 | 5.1 | |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-05-23\2013-05-23_003.xad

Created: 5/23/2013 1:34:42 PM
Modified: 5/23/2013 2:22:33 PM

**Electropherogram Summary Continued ...**




**Overall Results for sample 11 : GlabB-3 Endo**

| | | | |
|---|---|---|---|
| Number of peaks found: | 8 | Corr. Area 1: | 190.5 |
| Noise: | 0.2 | | |

**Peak table for sample 11 : GlabB-3 Endo**

| Peak | Size [bp] | Conc. [pg/µl] | Molarity [pmol/l] | Observations |
|---|---|---|---|---|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 49 | 321.34 | 9,936.4 | |
| 3 | 79 | 39.13 | 746.5 | |
| 4 | 90 | 28.32 | 477.6 | |
| 5 | 357 | 61.71 | 262.1 | |
| 6 | 388 | 190.10 | 741.9 | |
| 7 | 453 | 5.56 | 18.6 | |
| 8 | 504 | 10.98 | 33.0 | |
| 9 | 10,380 | 75.00 | 10.9 | Upper Marker |
| 10 | 12,592 | 0.00 | 0.0 | |

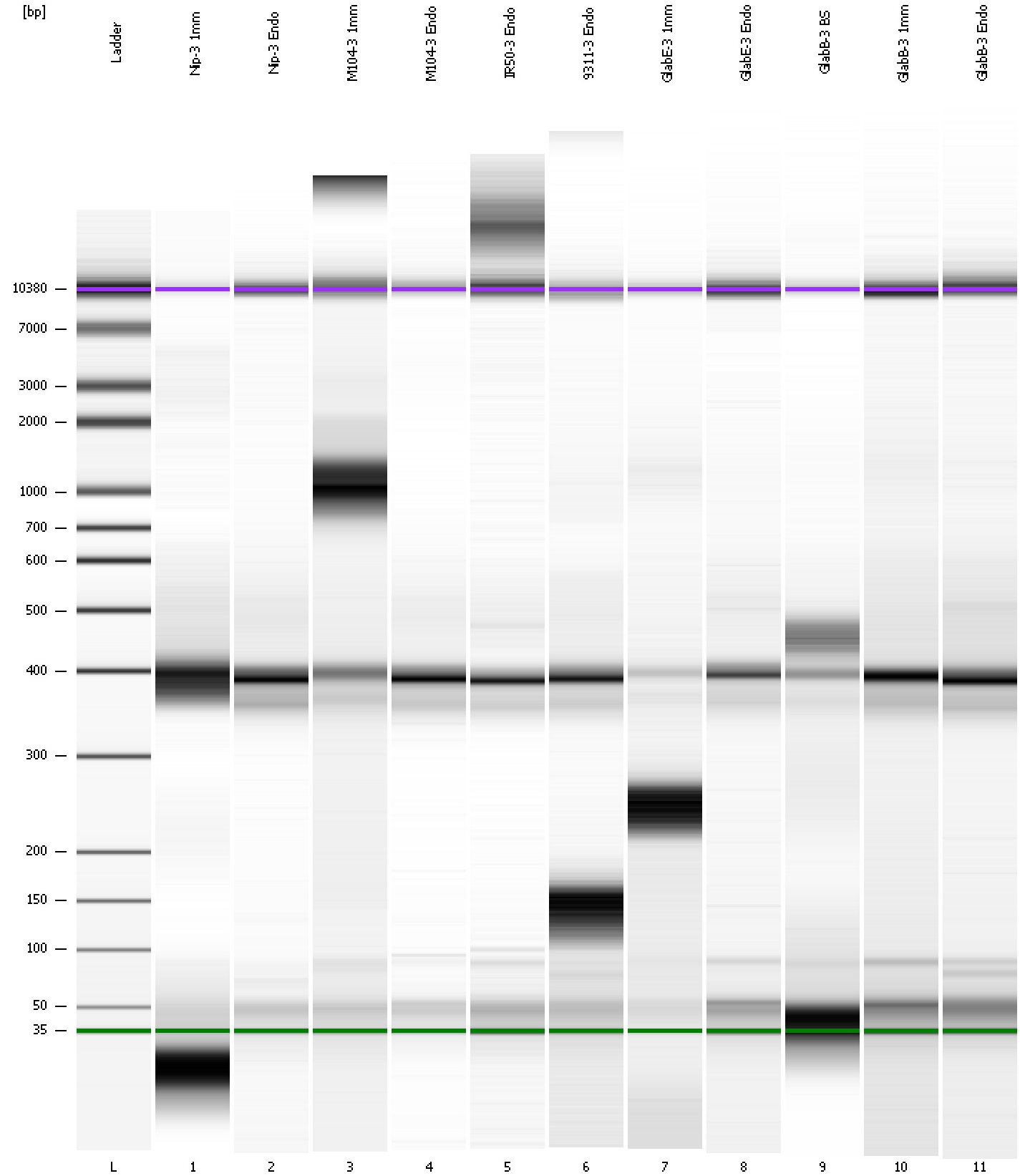
**Region table for sample 11 : GlabB-3 Endo**

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/µl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|---|---|---|---|---|---|---|---|---|
| 324 | 445 | 387 | 1,010.3 | 257.60 | 190.5 | 38 | 5.5 | |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-05-23\2013-05-23_003.xad

Created: 5/23/2013 1:34:42 PM
Modified: 5/23/2013 2:22:33 PM

**Gel Image**



Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-05-23\2013-05-23_003.xad

Created: 5/23/2013 1:34:42 PM
Modified: 5/23/2013 2:22:33 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 | | 5/23/2013 2:16:02 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Run started on port 1 (File: C:\Documents and Settings\Bioanalyzer\2013-05-23\2013-05-23_003.xad) | | Instrument | Run | | 5/23/2013 1:34:47 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Product Number : G2938B | | Instrument | Run | | 5/23/2013 1:34:47 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Name : | | Instrument | Run | | 5/23/2013 1:34:47 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Vendor : Agilent Technologies | | Instrument | Run | | 5/23/2013 1:34:47 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Serial# : DE13701086 | | Instrument | Run | | 5/23/2013 1:34:47 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Firmware : C.01.069 | | Instrument | Run | | 5/23/2013 1:34:47 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Cartridge : Electrode | | Instrument | Run | | 5/23/2013 1:34:47 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |