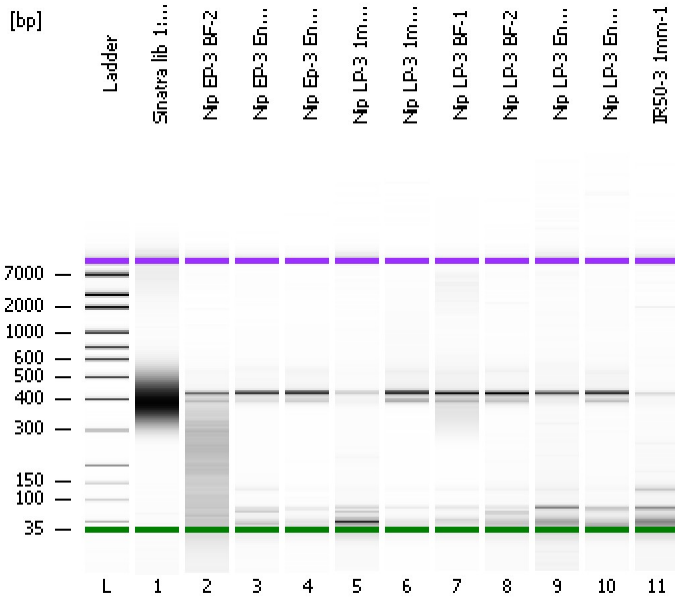


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2012-08-01\2012-08-01_004.xad

Created: 8/1/2012 2:06:01 PM
Modified: 8/1/2012 4:31:52 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

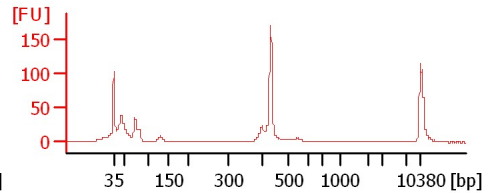
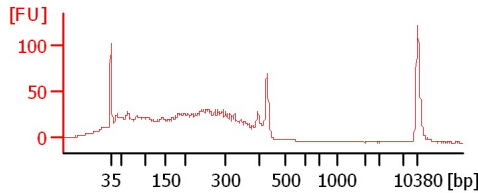
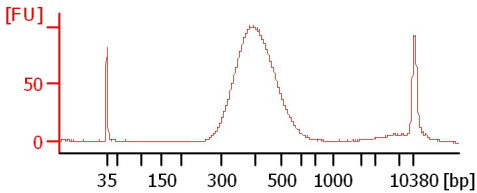
Chip Information:

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

Sinatra lib 1:20

Nip EP-3 BF-2

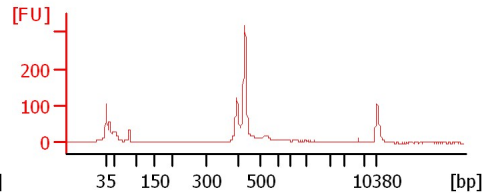
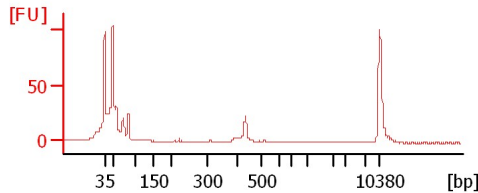
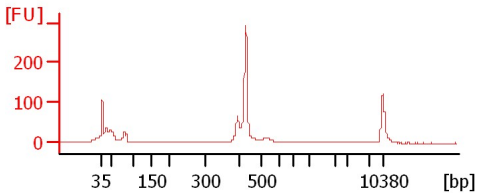
Nip EP-3 Endo-1



Nip Ep-3 Endo-2

Nip LP-3 1mm-1

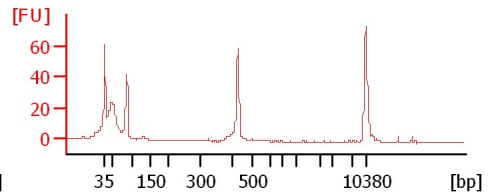
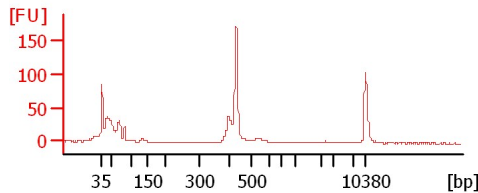
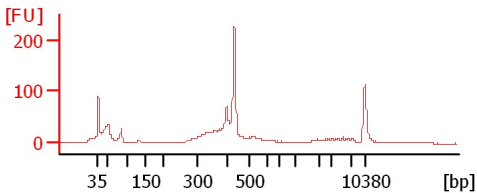
Nip LP-3 1mm-2



Nip LP-3 BF-1

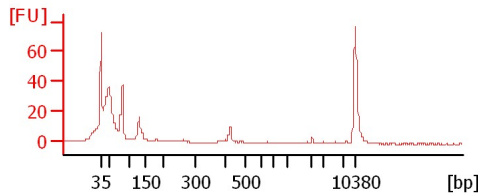
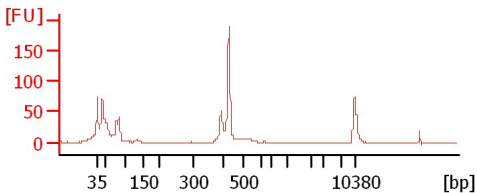
Nip LP-3 BF-2

Nip LP-3 Endo-1



Nip LP-3 Endo-2

IR50-3 1mm-1



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2012-08-01\2012-08-01_004.xad

Created: 8/1/2012 2:06:01 PM
 Modified: 8/1/2012 4:31:52 PM

Electrophoresis File Run Summary (Chip Summary)

| Sample Name | Sample Comment | Rest. Digest | Status | Observation | Result Label | Result Color |
|------------------|----------------|--------------------------|--------|-------------|--------------|--------------|
| Sinatra lib 1:20 | | <input type="checkbox"/> | ✓ | | | |
| Nip EP-3 BF-2 | | <input type="checkbox"/> | ✓ | | | |
| Nip EP-3 Endo-1 | | <input type="checkbox"/> | ✓ | | | |
| Nip Ep-3 Endo-2 | | <input type="checkbox"/> | ✓ | | | |
| Nip LP-3 1mm-1 | | <input type="checkbox"/> | ✓ | | | |
| Nip LP-3 1mm-2 | | <input type="checkbox"/> | ✓ | | | |
| Nip LP-3 BF-1 | | <input type="checkbox"/> | ✓ | | | |
| Nip LP-3 BF-2 | | <input type="checkbox"/> | ✓ | | | |
| Nip LP-3 Endo-1 | | <input type="checkbox"/> | ✓ | | | |
| Nip LP-3 Endo-2 | | <input type="checkbox"/> | ✓ | | | |
| IR50-3 1mm-1 | | <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\2012-08-01\2012-08-01_004.xad

Created: 8/1/2012 2:06:01 PM
Modified: 8/1/2012 4:31:52 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

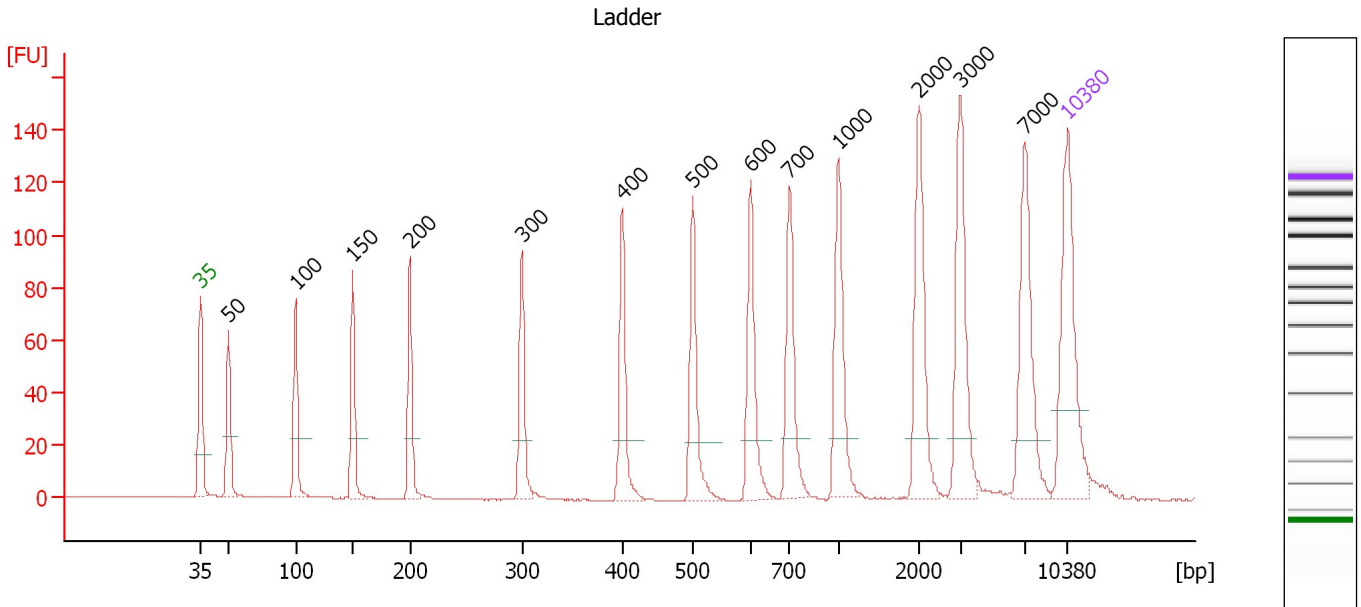
Ladder

| 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\2012-08-01\2012-08-01_004.xad

Created: 8/1/2012 2:06:01 PM
 Modified: 8/1/2012 4:31:52 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.2

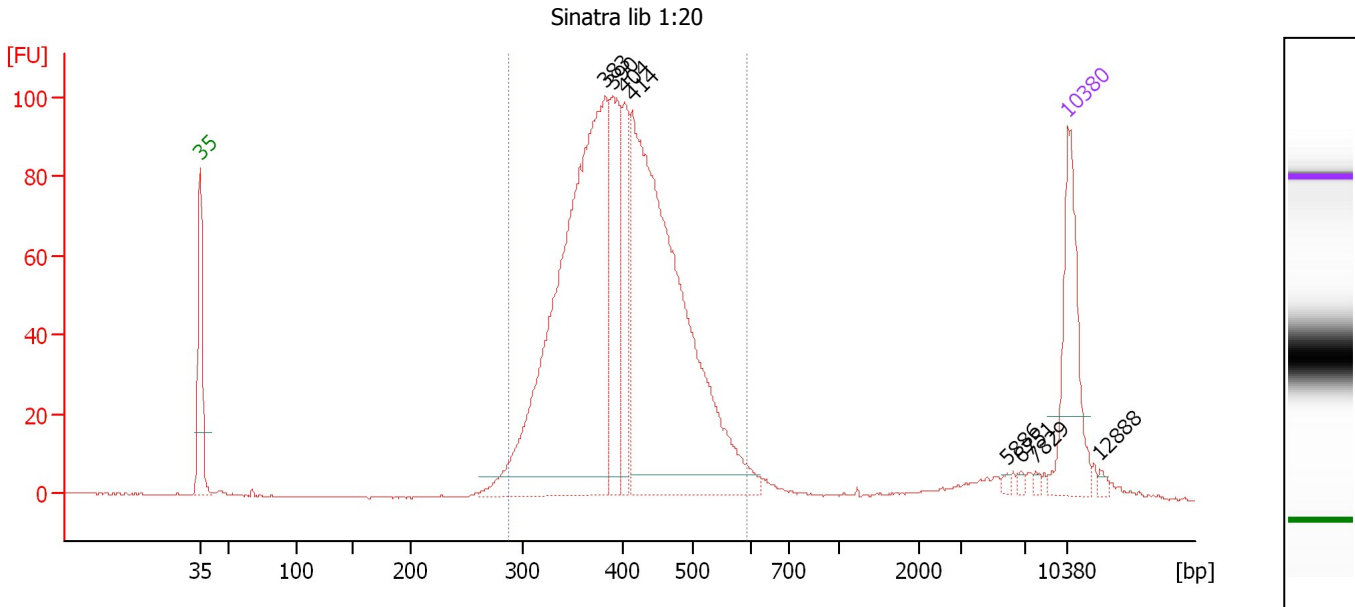
Peak table for Ladder

| 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\2012-08-01\2012-08-01_004.xad

Created: 8/1/2012 2:06:01 PM
 Modified: 8/1/2012 4:31:52 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : Sinatra lib 1:20

Number of peaks found: 8 Corr. Area 1: 1,467.8
 Noise: 0.2

Peak table for sample 1 : Sinatra lib 1:20

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 383 | 579.55 | 2,291.2 | |
| 3 | 390 | 115.06 | 446.7 | |
| 4 | 404 | 78.75 | 295.5 | |
| 5 | 414 | 552.00 | 2,021.6 | |
| 6 | 5,886 | 2.40 | 0.6 | |
| 7 | 6,751 | 2.13 | 0.5 | |
| 8 | 7,829 | 2.14 | 0.4 | |
| 9 | 10,380 | 75.00 | 10.9 | Upper Marker |
| 10 | 12,888 | 0.00 | 0.0 | |

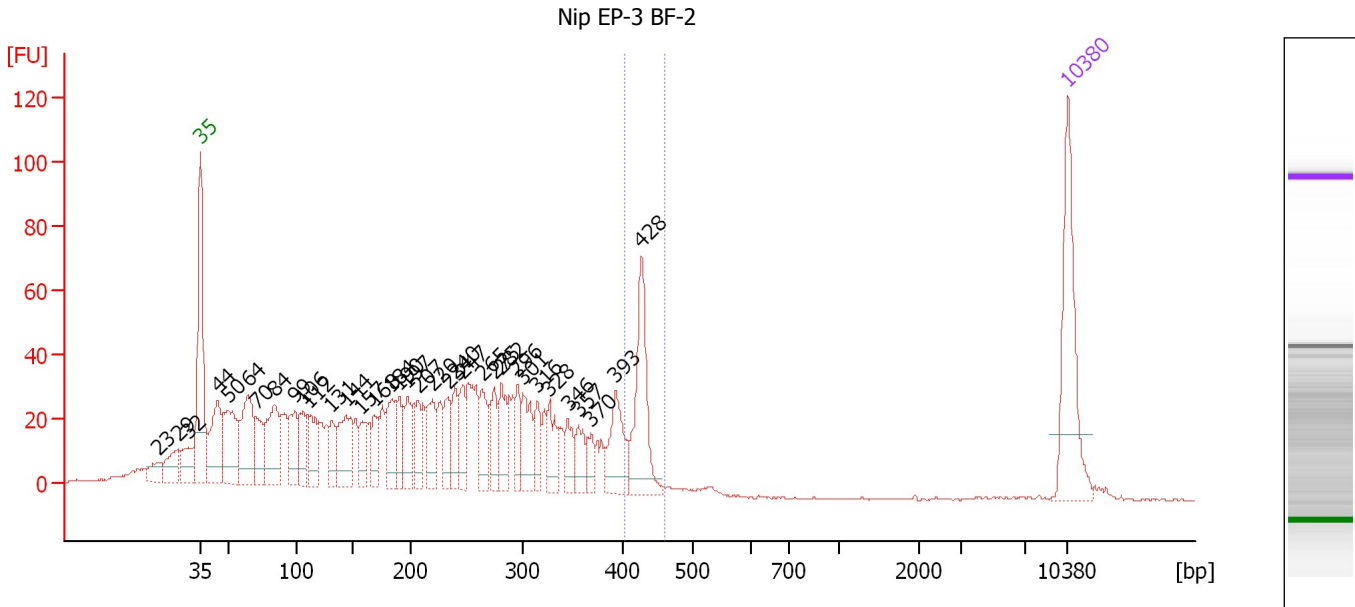
Region table for sample 1 : Sinatra lib 1:20

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 289 | 595 | 408 | 5,170.7 | 1,355.66 | 1,467.8 | 93 | 15.2 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2012-08-01\2012-08-01_004.xad

Created: 8/1/2012 2:06:01 PM
 Modified: 8/1/2012 4:31:52 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : Nip EP-3 BF-2

Number of peaks found: 35 Corr. Area 1: 99.9
 Noise: 0.2

Peak table for sample 2 : Nip EP-3 BF-2

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 23 | 0.00 | 0.0 | |
| 2 | 29 | 0.00 | 0.0 | |
| 3 | 32 | 0.00 | 0.0 | |
| 4 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 5 | 44 | 82.64 | 2,828.6 | |
| 6 | 50 | 86.61 | 2,643.6 | |
| 7 | 64 | 86.37 | 2,031.5 | |
| 8 | 70 | 40.95 | 883.5 | |
| 9 | 84 | 78.79 | 1,415.8 | |
| 10 | 99 | 44.73 | 683.0 | |
| 11 | 106 | 41.93 | 600.1 | |
| 12 | 112 | 42.54 | 574.6 | |
| 13 | 131 | 27.39 | 316.6 | |
| 14 | 144 | 64.23 | 677.5 | |
| 15 | 157 | 25.89 | 250.3 | |
| 16 | 168 | 28.78 | 258.8 | |
| 17 | 184 | 43.20 | 356.4 | |
| 18 | 190 | 31.07 | 247.8 | |
| 19 | 197 | 41.50 | 318.7 | |
| 20 | 207 | 28.64 | 209.4 | |
| 21 | 220 | 40.64 | 279.7 | |
| 22 | 234 | 30.36 | 196.5 | |
| 23 | 240 | 32.31 | 204.3 | |
| 24 | 247 | 30.58 | 187.5 | |
| 25 | 265 | 36.11 | 206.8 | |
| 26 | 275 | 28.57 | 157.4 | |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2012-08-01\2012-08-01_004.xad


Created: 8/1/2012 2:06:01 PM
 Modified: 8/1/2012 4:31:52 PM

Electropherogram Summary Continued ...

... Peak table for sample 2 : Nip EP-3 BF-2

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 27 | 282 | 36.86 | 198.1 | |
| 28 | 296 | 27.88 | 142.5 | |
| 29 | 301 | 39.37 | 198.2 | |
| 30 | 316 | 22.73 | 109.0 | |
| 31 | 328 | 27.51 | 127.2 | |
| 32 | 346 | 22.37 | 98.0 | |
| 33 | 357 | 21.79 | 92.5 | |
| 34 | 370 | 12.53 | 51.3 | |
| 35 | 393 | 48.90 | 188.3 | |
| 36 | 428 | 84.36 | 298.7 | |
| 37 | ▶ 10,380 | 75.00 | 10.9 | Upper Marker |

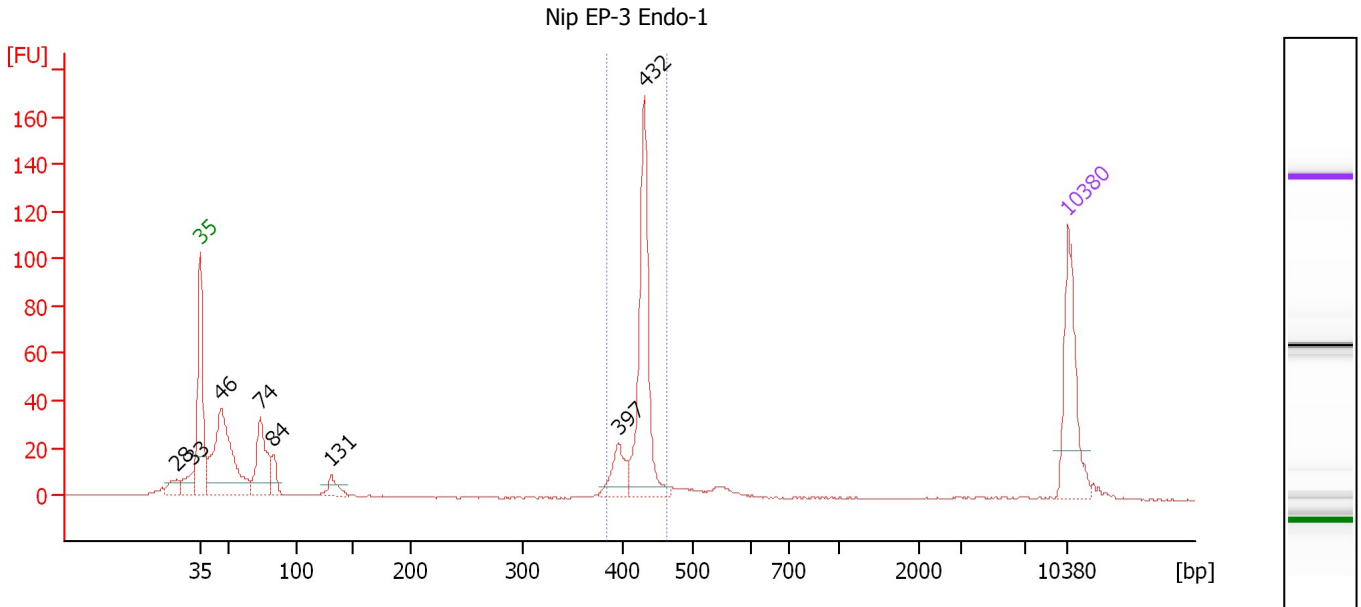
Region table for sample 2 : Nip EP-3 BF-2

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|---|
| 405 | 459 | 426 | 307.7 | 86.51 | 99.9 | 6 | 2.2 |  |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2012-08-01\2012-08-01_004.xad

Created: 8/1/2012 2:06:01 PM
 Modified: 8/1/2012 4:31:52 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : Nip EP-3 Endo-1

Number of peaks found: 8 Corr. Area 1: 229.6
 Noise: 0.2

Peak table for sample 3 : Nip EP-3 Endo-1

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 28 | 0.00 | 0.0 | |
| 2 | 33 | 0.00 | 0.0 | |
| 3 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 4 | 46 | 211.24 | 6,954.9 | |
| 5 | 74 | 91.88 | 1,887.2 | |
| 6 | 84 | 23.79 | 431.5 | |
| 7 | 131 | 20.36 | 235.8 | |
| 8 | 397 | 37.63 | 143.7 | |
| 9 | 432 | 180.92 | 634.9 | |
| 10 | 10,380 | 75.00 | 10.9 | Upper Marker |

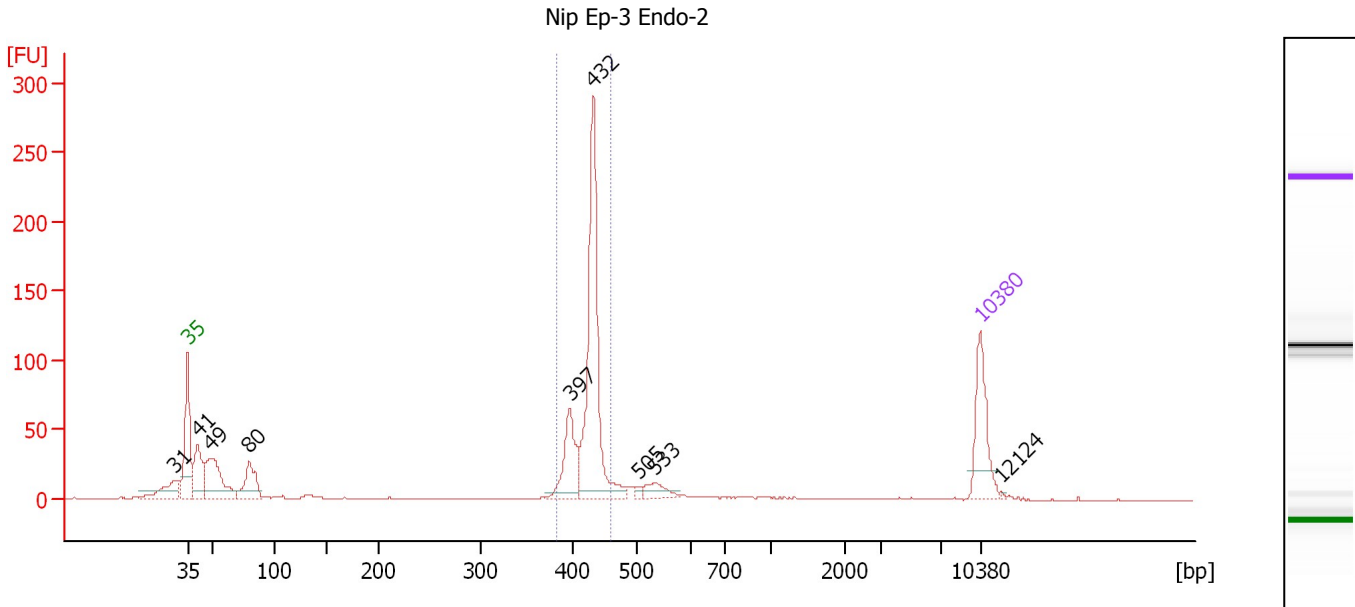
Region table for sample 3 : Nip EP-3 Endo-1

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 384 | 464 | 425 | 769.8 | 215.86 | 229.6 | 38 | 3.5 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2012-08-01\2012-08-01_004.xad

Created: 8/1/2012 2:06:01 PM
 Modified: 8/1/2012 4:31:52 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : Nip Ep-3 Endo-2

Number of peaks found: 9 Corr. Area 1: 458.7
 Noise: 0.2

Peak table for sample 4 : Nip Ep-3 Endo-2

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 31 | 0.00 | 0.0 | |
| 2 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 3 | 41 | 99.60 | 3,685.0 | |
| 4 | 49 | 148.80 | 4,621.4 | |
| 5 | 80 | 81.96 | 1,560.1 | |
| 6 | 397 | 93.05 | 355.5 | |
| 7 | 432 | 329.60 | 1,156.9 | |
| 8 | 505 | 6.35 | 19.1 | |
| 9 | 533 | 23.69 | 67.4 | |
| 10 | 10,380 | 75.00 | 10.9 | Upper Marker |
| 11 | 12,124 | 0.00 | 0.0 | |

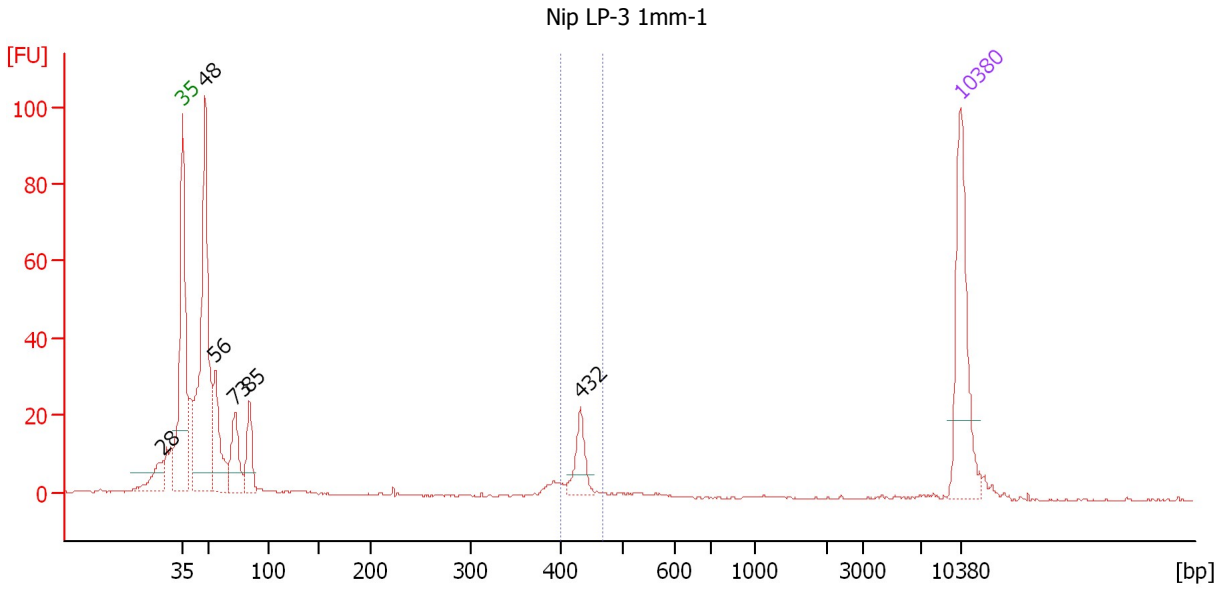
Region table for sample 4 : Nip Ep-3 Endo-2

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 383 | 460 | 424 | 1,446.9 | 403.92 | 458.7 | 53 | 3.8 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2012-08-01\2012-08-01_004.xad

Created: 8/1/2012 2:06:01 PM
 Modified: 8/1/2012 4:31:52 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : Nip LP-3 1mm-1

Number of peaks found: 6 Corr. Area 1: 32.0
 Noise: 0.2

Peak table for sample 5 : Nip LP-3 1mm-1

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 28 | 0.00 | 0.0 | |
| 2 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 3 | 48 | 274.75 | 8,597.4 | |
| 4 | 56 | 76.26 | 2,055.1 | |
| 5 | 73 | 52.99 | 1,105.6 | |
| 6 | 85 | 40.71 | 729.3 | |
| 7 | 432 | 28.07 | 98.5 | |
| 8 | 10,380 | 75.00 | 10.9 | Upper Marker |

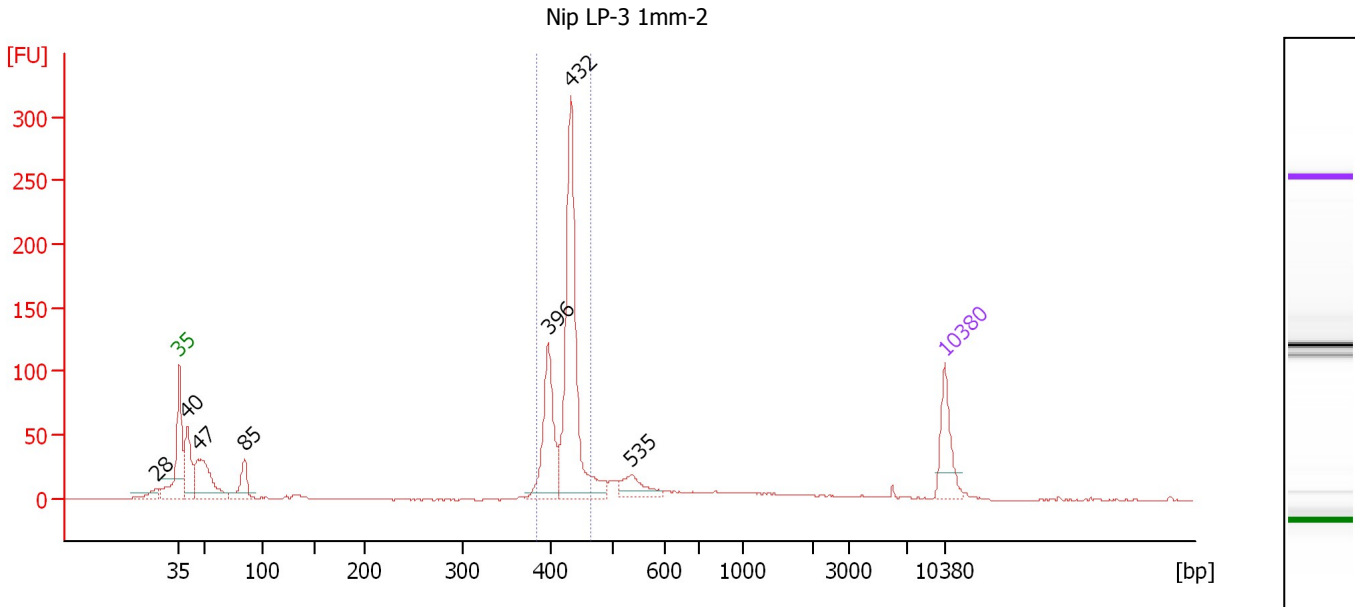
Region table for sample 5 : Nip LP-3 1mm-1

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 400 | 468 | 430 | 113.3 | 32.12 | 32.0 | 7 | 2.7 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2012-08-01\2012-08-01_004.xad

Created: 8/1/2012 2:06:01 PM
 Modified: 8/1/2012 4:31:52 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : Nip LP-3 1mm-2

Number of peaks found: 7 Corr. Area 1: 590.7
 Noise: 0.3

Peak table for sample 6 : Nip LP-3 1mm-2

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 28 | 0.00 | 0.0 | |
| 2 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 3 | 40 | 152.11 | 5,781.0 | |
| 4 | 47 | 202.29 | 6,566.0 | |
| 5 | 85 | 78.83 | 1,412.9 | |
| 6 | 396 | 195.17 | 746.0 | |
| 7 | 432 | 483.29 | 1,695.9 | |
| 8 | 535 | 53.47 | 151.5 | |
| 9 | 10,380 | 75.00 | 10.9 | Upper Marker |

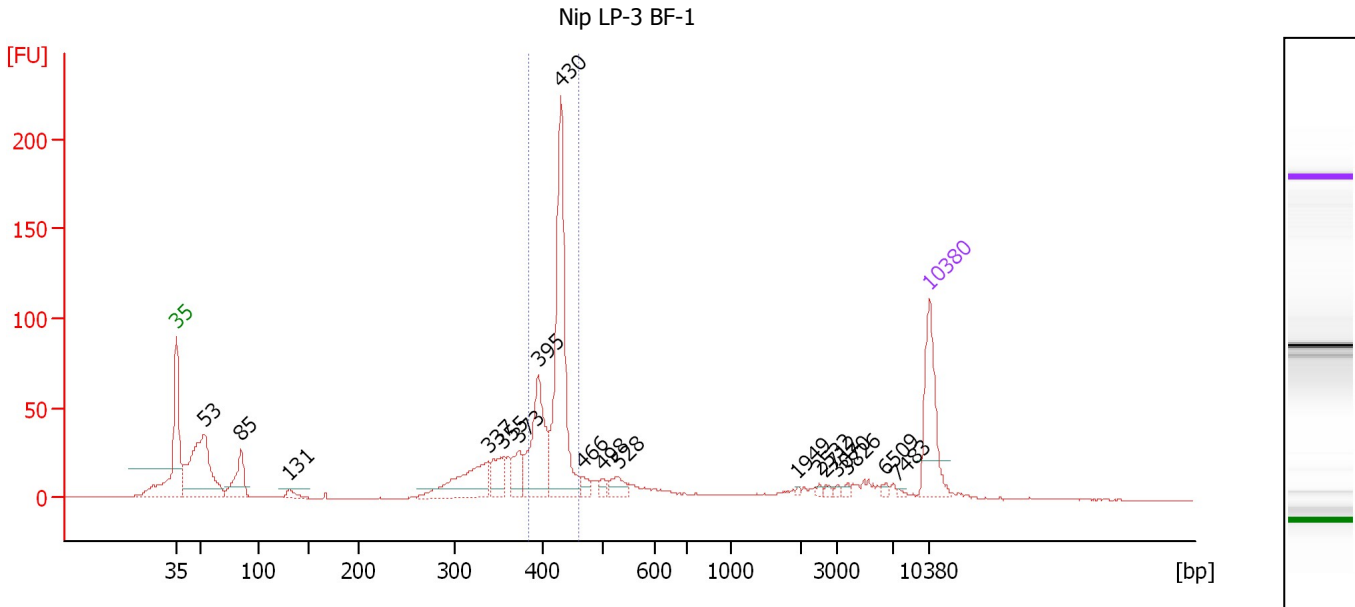
Region table for sample 6 : Nip LP-3 1mm-2

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 384 | 462 | 422 | 2,312.4 | 643.25 | 590.7 | 51 | 4.2 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2012-08-01\2012-08-01_004.xad

Created: 8/1/2012 2:06:01 PM
 Modified: 8/1/2012 4:31:52 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : Nip LP-3 BF-1

Number of peaks found: 18 Corr. Area 1: 393.0
 Noise: 0.2

Peak table for sample 7 : Nip LP-3 BF-1

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 53 | 238.17 | 6,812.0 | |
| 3 | 85 | 67.66 | 1,212.9 | |
| 4 | 131 | 13.33 | 154.7 | |
| 5 | 337 | 98.70 | 443.6 | |
| 6 | 355 | 38.08 | 162.6 | |
| 7 | 373 | 36.07 | 146.7 | |
| 8 | 395 | 125.44 | 480.9 | |
| 9 | 430 | 264.61 | 932.8 | |
| 10 | 466 | 11.29 | 36.7 | |
| 11 | 498 | 8.56 | 26.0 | |
| 12 | 528 | 19.72 | 56.6 | |
| 13 | 1,949 | 1.86 | 1.4 | |
| 14 | 2,532 | 2.56 | 1.5 | |
| 15 | 2,712 | 3.15 | 1.8 | |
| 16 | 3,070 | 2.92 | 1.4 | |
| 17 | 3,826 | 3.23 | 1.3 | |
| 18 | 6,509 | 4.01 | 0.9 | |
| 19 | 7,483 | 1.87 | 0.4 | |
| 20 | 10,380 | 75.00 | 10.9 | Upper Marker |

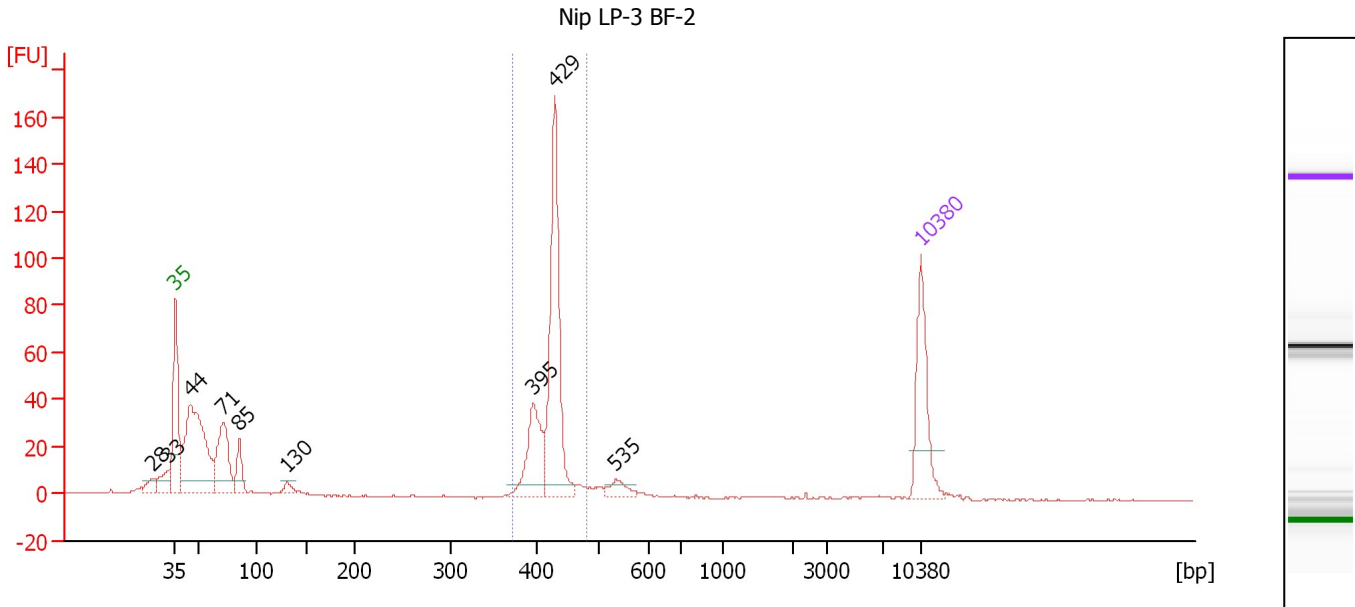
Region table for sample 7 : Nip LP-3 BF-1

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 385 | 458 | 420 | 1,351.4 | 374.08 | 393.0 | 37 | 4.0 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2012-08-01\2012-08-01_004.xad

Created: 8/1/2012 2:06:01 PM
 Modified: 8/1/2012 4:31:52 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : Nip LP-3 BF-2

Number of peaks found: 9 Corr. Area 1: 297.8
 Noise: 0.3

Peak table for sample 8 : Nip LP-3 BF-2

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 28 | 0.00 | 0.0 | |
| 2 | 33 | 0.00 | 0.0 | |
| 3 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 4 | 44 | 290.41 | 9,925.8 | |
| 5 | 71 | 118.83 | 2,543.4 | |
| 6 | 85 | 39.93 | 714.7 | |
| 7 | 130 | 11.02 | 128.3 | |
| 8 | 395 | 86.69 | 332.8 | |
| 9 | 429 | 223.58 | 790.3 | |
| 10 | 535 | 17.88 | 50.6 | |
| 11 | 10,380 | 75.00 | 10.9 | Upper Marker |

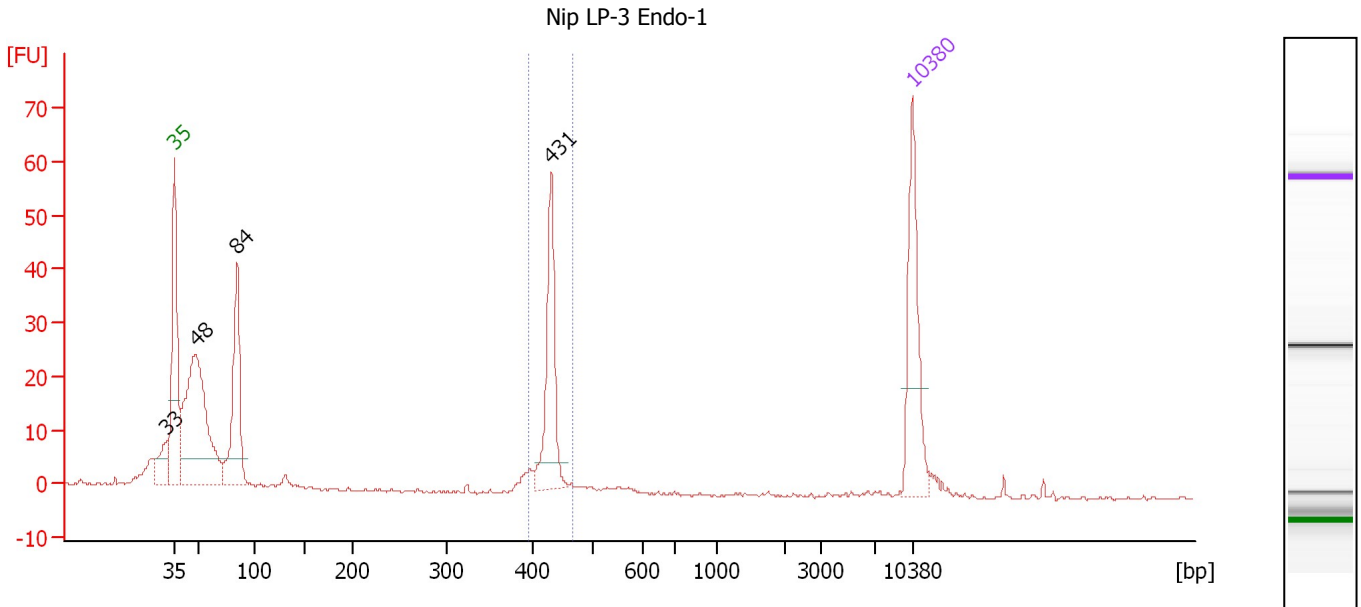
Region table for sample 8 : Nip LP-3 BF-2

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 371 | 480 | 421 | 1,133.2 | 314.27 | 297.8 | 42 | 4.4 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2012-08-01\2012-08-01_004.xad

Created: 8/1/2012 2:06:01 PM
 Modified: 8/1/2012 4:31:52 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : Nip LP-3 Endo-1

Number of peaks found: 4 Corr. Area 1: 71.8
 Noise: 0.2

Peak table for sample 9 : Nip LP-3 Endo-1

| 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 | 285.11 | 8,913.5 | |
| 4 | 84 | 145.75 | 2,620.3 | |
| 5 | 431 | 101.83 | 358.3 | |
| 6 | 10,380 | 75.00 | 10.9 | Upper Marker |

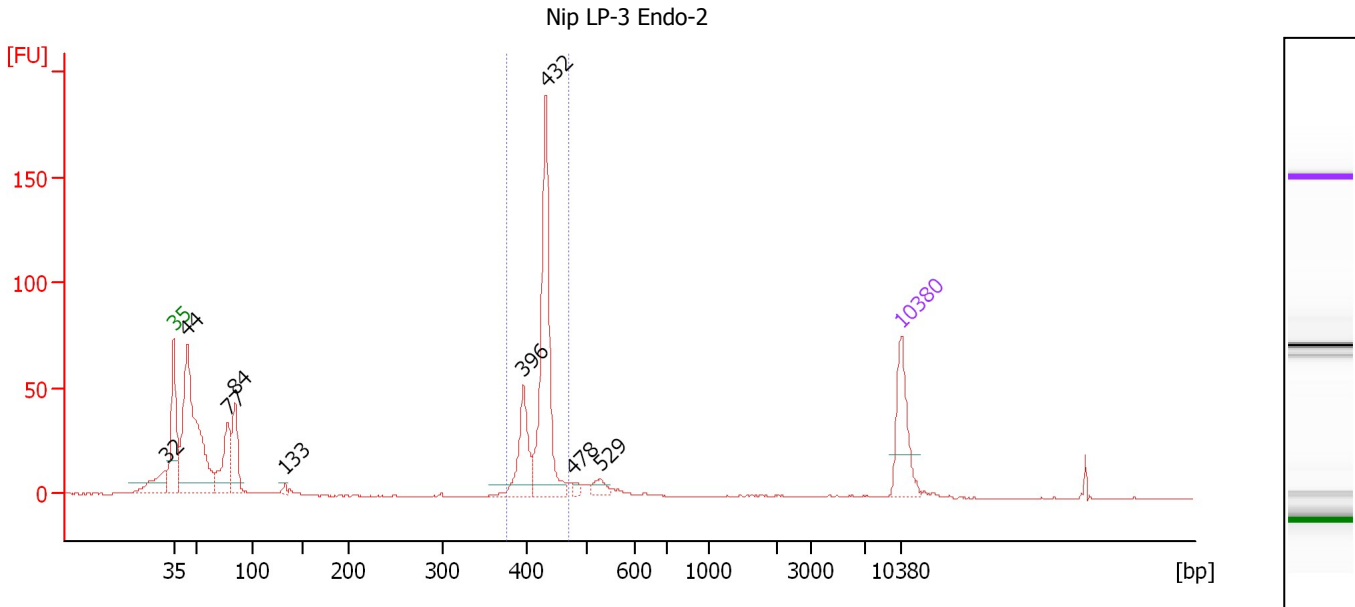
Region table for sample 9 : Nip LP-3 Endo-1

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 396 | 466 | 428 | 383.3 | 108.35 | 71.8 | 22 | 2.5 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2012-08-01\2012-08-01_004.xad

Created: 8/1/2012 2:06:01 PM
 Modified: 8/1/2012 4:31:52 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : Nip LP-3 Endo-2

Number of peaks found: 9 Corr. Area 1: 294.8
 Noise: 0.2

Peak table for sample 10 : Nip LP-3 Endo-2

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 32 | 0.00 | 0.0 | |
| 2 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 3 | 44 | 486.28 | 16,922.7 | |
| 4 | 77 | 123.06 | 2,420.5 | |
| 5 | 84 | 101.67 | 1,841.3 | |
| 6 | 133 | 8.20 | 93.4 | |
| 7 | 396 | 99.30 | 380.3 | |
| 8 | 432 | 292.73 | 1,027.6 | |
| 9 | 478 | 8.63 | 27.4 | |
| 10 | 529 | 17.36 | 49.7 | |
| 11 | 10,380 | 75.00 | 10.9 | Upper Marker |

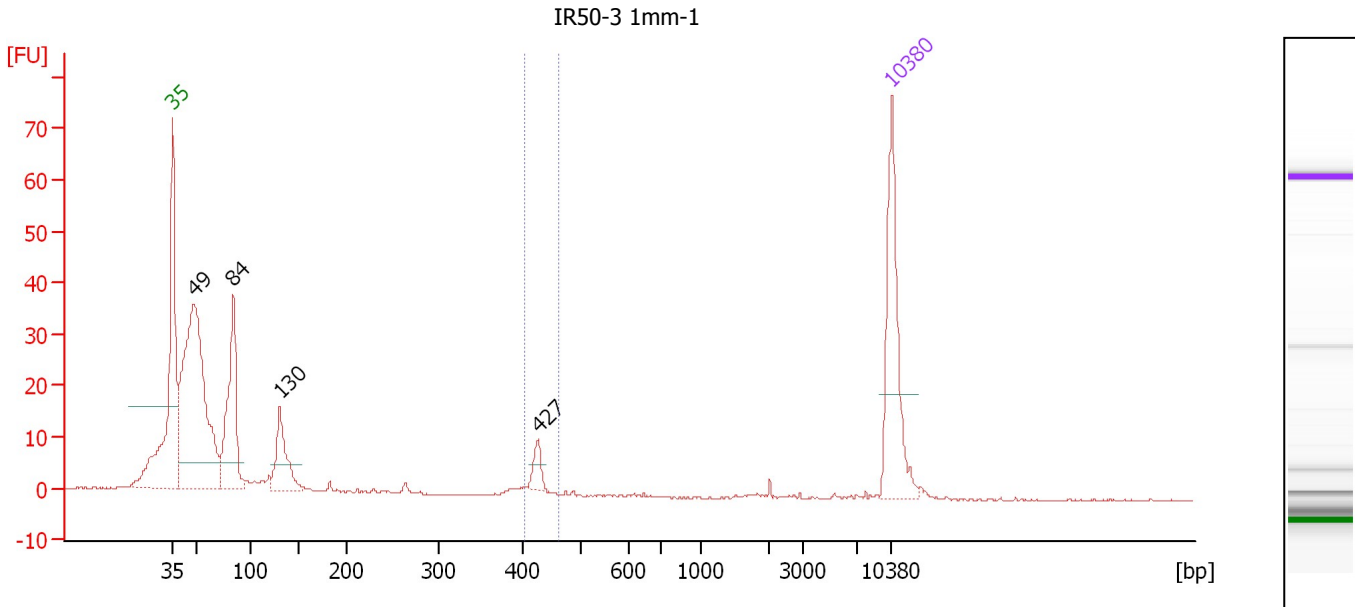
Region table for sample 10 : Nip LP-3 Endo-2

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 375 | 471 | 423 | 1,402.7 | 390.61 | 294.8 | 38 | 4.2 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2012-08-01\2012-08-01_004.xad

Created: 8/1/2012 2:06:01 PM
 Modified: 8/1/2012 4:31:52 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : IR50-3 1mm-1

Number of peaks found: 4 Corr. Area 1: 13.2
 Noise: 0.2

Peak table for sample 11 : IR50-3 1mm-1

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 49 | 369.62 | 11,472.9 | |
| 3 | 84 | 133.47 | 2,413.4 | |
| 4 | 130 | 60.23 | 703.4 | |
| 5 | 427 | 13.51 | 48.0 | |
| 6 | 10,380 | 75.00 | 10.9 | Upper Marker |

Region table for sample 11 : IR50-3 1mm-1

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 403 | 463 | 425 | 60.8 | 17.03 | 13.2 | 4 | 2.0 | Blue |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2012-08-01\2012-08-01_004.xad

Created: 8/1/2012 2:06:01 PM
Modified: 8/1/2012 4:31:52 PM

Gel Image

