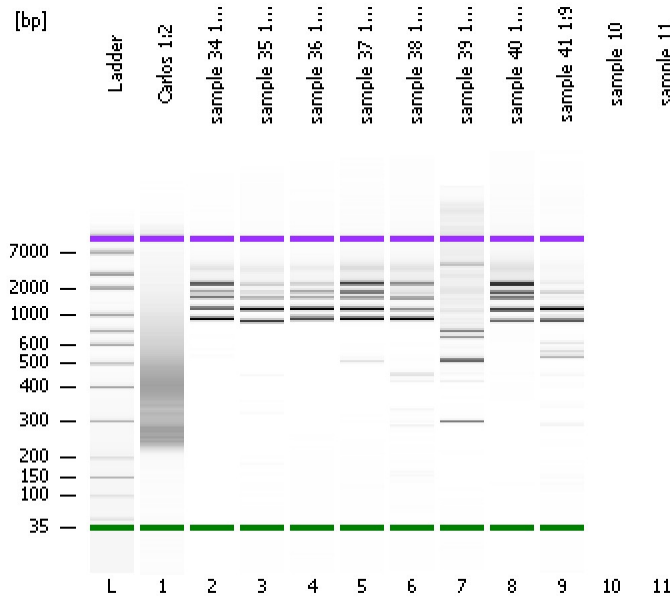


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-02\2013-04-02_001.xad

Created: 4/2/2013 9:51:34 AM
Modified: 4/2/2013 10:42:11 AM

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

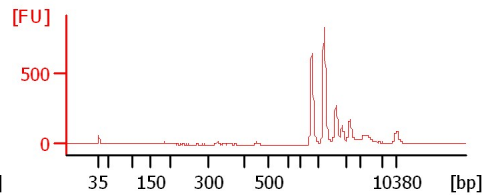
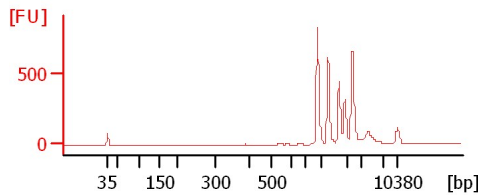
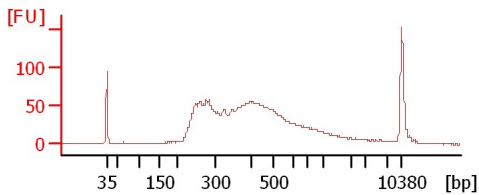
Chip Information:

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

Carlos 1:2

sample 34 1:20

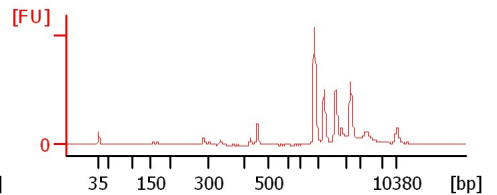
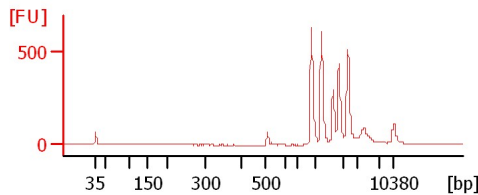
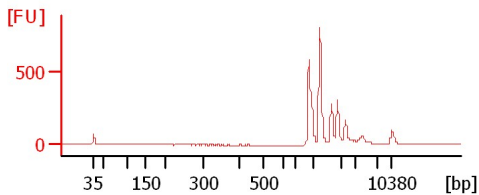
sample 35 1:16



sample 36 1:25

sample 37 1:23

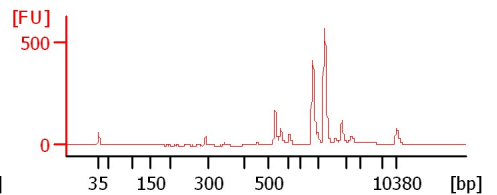
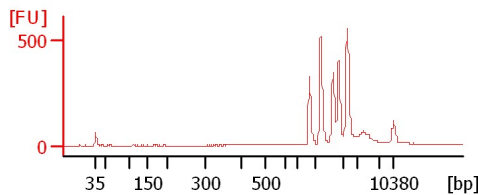
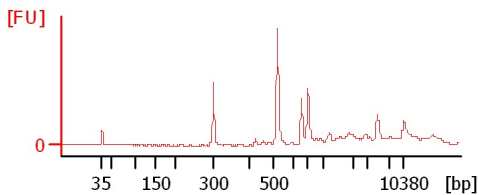
sample 38 1:10



sample 39 1:10

sample 40 1:32

sample 41 1:9



Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-02\2013-04-02_001.xad

Created: 4/2/2013 9:51:34 AM
Modified: 4/2/2013 10:42:11 AM

Electrophoresis File Run Summary (Chip Summary)

| Sample Name | Sample Comment | Rest. Digest | Status | Observation | Result Label | Result Color |
|----------------|----------------|--------------------------|--------|-------------|--------------|--------------|
| Carlos 1:2 | | <input type="checkbox"/> | ✓ | | | |
| sample 34 1:20 | | <input type="checkbox"/> | ✓ | | | |
| sample 35 1:16 | | <input type="checkbox"/> | ✓ | | | |
| sample 36 1:25 | | <input type="checkbox"/> | ✓ | | | |
| sample 37 1:23 | | <input type="checkbox"/> | ✓ | | | |
| sample 38 1:10 | | <input type="checkbox"/> | ✓ | | | |
| sample 39 1:10 | | <input type="checkbox"/> | ✓ | | | |
| sample 40 1:32 | | <input type="checkbox"/> | ✓ | | | |
| sample 41 1:9 | | <input type="checkbox"/> | ✓ | | | |
| sample 10 | | <input type="checkbox"/> | | | | |
| sample 11 | | <input type="checkbox"/> | | | | |
| Ladder | | <input type="checkbox"/> | ✓ | | | |

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-02\2013-04-02_001.xad

Created: 4/2/2013 9:51:34 AM
Modified: 4/2/2013 10:42:11 AM

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/ μ l] : 1950
Uses Standard Area for Ladder Fragments
Lower Marker Concentration [pg/ μ l] : 125
Upper Marker Concentration [pg/ μ l] : 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

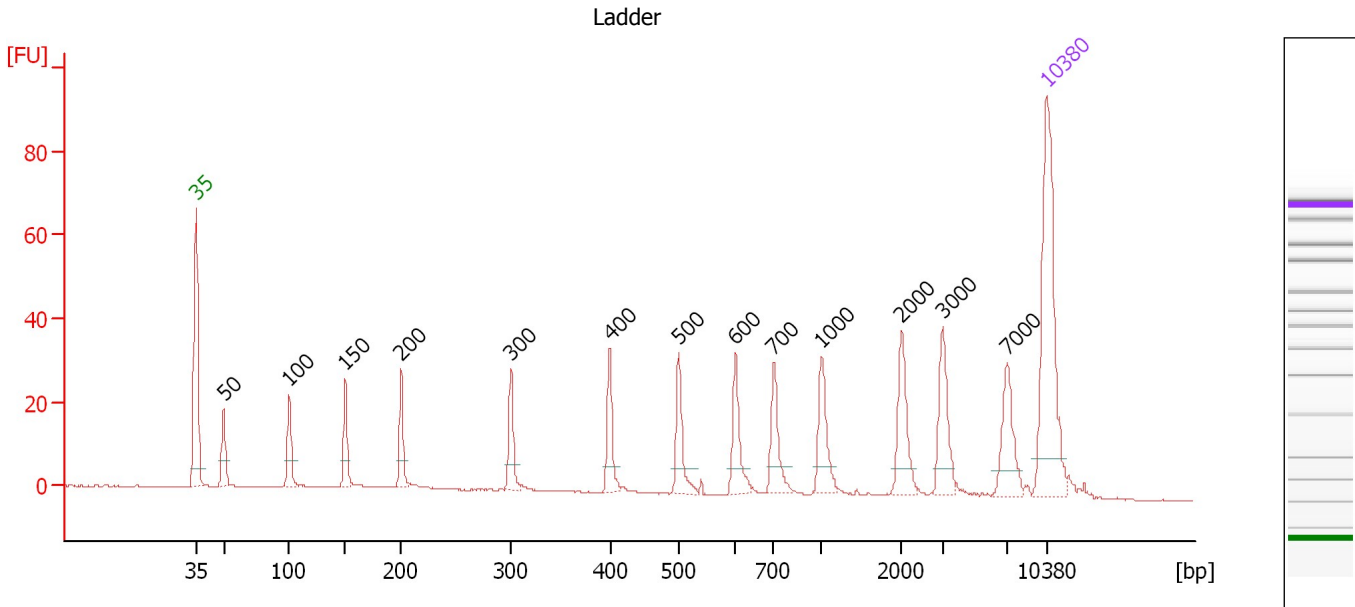
Ladder

| 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\2013-04-02\2013-04-02_001.xad

Created: 4/2/2013 9:51:34 AM
 Modified: 4/2/2013 10:42:11 AM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.1

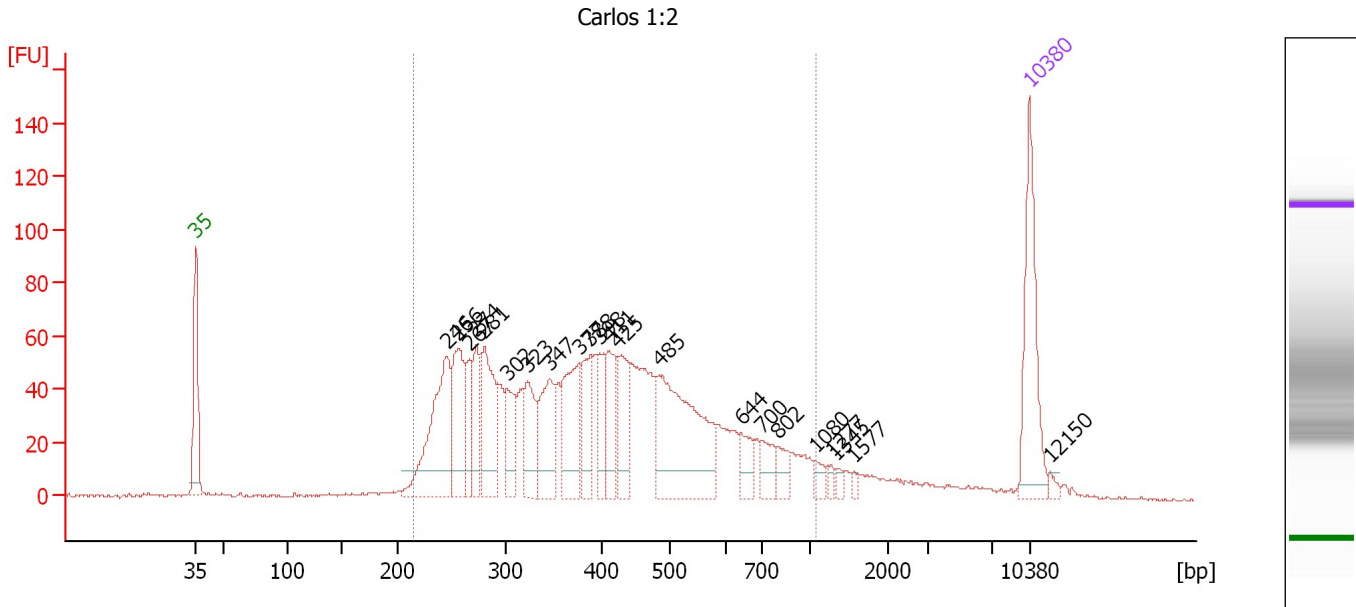
Peak table for Ladder

| 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\2013-04-02\2013-04-02_001.xad

Created: 4/2/2013 9:51:34 AM
 Modified: 4/2/2013 10:42:11 AM

Electropherogram Summary Continued ...



Setpoint Deviations for sample 1 : Carlos 1:2

Height Threshold [FU] : 10

Overall Results for sample 1 : Carlos 1:2

Number of peaks found: 22 Corr. Area 1: 1,789.9
 Noise: 0.5

Peak table for sample 1 : Carlos 1:2

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 246 | 150.87 | 928.2 | |
| 3 | 256 | 84.86 | 501.9 | |
| 4 | 267 | 41.17 | 233.6 | |
| 5 | 274 | 46.40 | 257.0 | |
| 6 | 281 | 92.61 | 499.4 | |
| 7 | 302 | 49.41 | 247.5 | |
| 8 | 323 | 54.71 | 256.3 | |
| 9 | 347 | 69.21 | 302.6 | |
| 10 | 377 | 80.48 | 323.5 | |
| 11 | 388 | 48.22 | 188.3 | |
| 12 | 398 | 31.84 | 121.3 | |
| 13 | 411 | 48.29 | 177.9 | |
| 14 | 425 | 55.63 | 198.5 | |
| 15 | 485 | 173.02 | 540.9 | |
| 16 | 644 | 22.54 | 53.0 | |
| 17 | 700 | 20.89 | 45.2 | |
| 18 | 802 | 17.63 | 33.3 | |
| 19 | 1,080 | 10.31 | 14.5 | |
| 20 | 1,277 | 4.87 | 5.8 | |
| 21 | 1,345 | 5.00 | 5.6 | |
| 22 | 1,577 | 3.38 | 3.2 | |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-02\2013-04-02_001.xad

Created: 4/2/2013 9:51:34 AM
Modified: 4/2/2013 10:42:11 AM

Electropherogram Summary Continued ...**... Peak table for sample 1 : Carlos 1:2**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|--|---------------|-------------------|--------------|
| 23 |  10,380 | 75.00 | 10.9 | Upper Marker |
| 24 | 12,150 | 0.00 | 0.0 | |

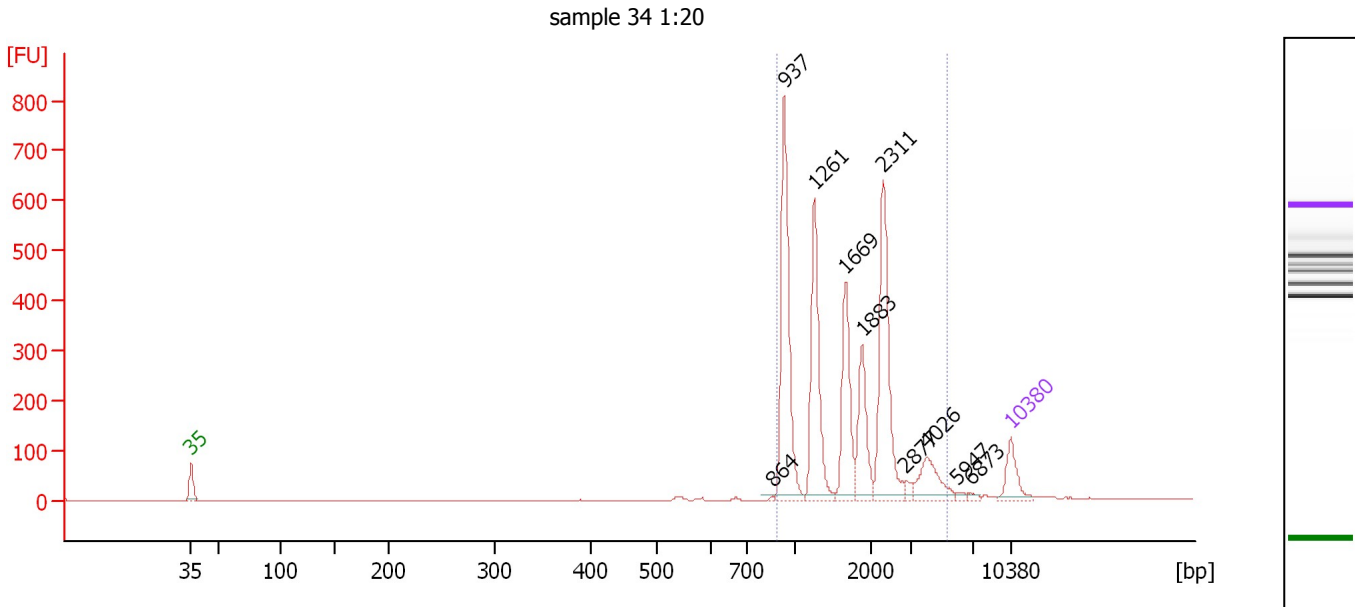
Region table for sample 1 : Carlos 1:2

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|---|
| 215 | 1,074 | 423 | 5,936.6 | 1,393.78 | 1,789.9 | 90 | 38.1 |  |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-02\2013-04-02_001.xad

Created: 4/2/2013 9:51:34 AM
 Modified: 4/2/2013 10:42:11 AM

Electropherogram Summary Continued ...



Setpoint Deviations for sample 2 : sample 34 1:20

Height Threshold [FU] : 10

Overall Results for sample 2 : sample 34 1:20

Number of peaks found: 10 Corr. Area 1: 2,588.6
 Noise: 0.3

Peak table for sample 2 : sample 34 1:20

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 864 | 4.14 | 7.3 | |
| 3 | 937 | 540.60 | 874.6 | |
| 4 | 1,261 | 376.57 | 452.6 | |
| 5 | 1,669 | 250.40 | 227.4 | |
| 6 | 1,883 | 177.90 | 143.1 | |
| 7 | 2,311 | 407.57 | 267.2 | |
| 8 | 2,877 | 16.38 | 8.6 | |
| 9 | 4,026 | 114.13 | 42.9 | |
| 10 | 5,947 | 8.95 | 2.3 | |
| 11 | 6,873 | 8.16 | 1.8 | |
| 12 | 10,380 | 75.00 | 10.9 | Upper Marker |

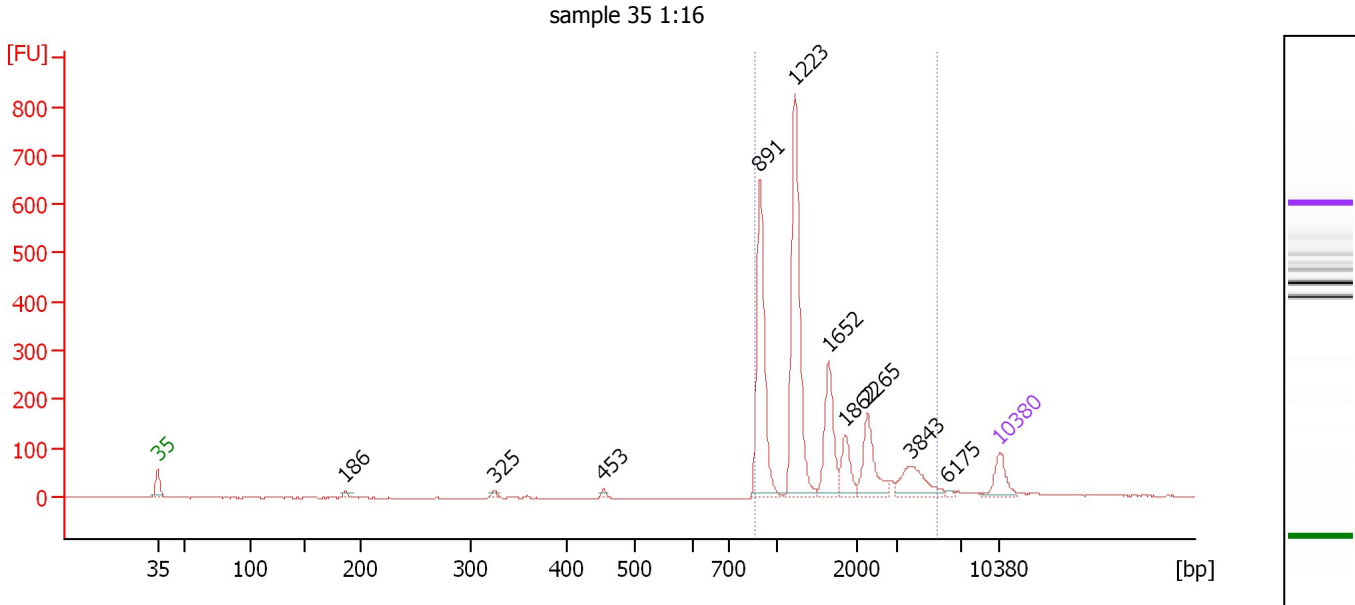
Region table for sample 2 : sample 34 1:20

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 884 | 5,377 | 1,776 | 1,928.9 | 1,851.48 | 2,588.6 | 97 | 47.6 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-02\2013-04-02_001.xad

Created: 4/2/2013 9:51:34 AM
 Modified: 4/2/2013 10:42:11 AM

Electropherogram Summary Continued ...



Setpoint Deviations for sample 3 : sample 35 1:16

Height Threshold [FU] : 10

Overall Results for sample 3 : sample 35 1:16

Number of peaks found: 10 Corr. Area 1: 1,974.2
 Noise: 0.5

Peak table for sample 3 : sample 35 1:16

| Peak | Size [bp] | Conc. [pg/µl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 186 | 16.33 | 133.3 | |
| 3 | 325 | 12.77 | 59.5 | |
| 4 | 453 | 10.52 | 35.2 | |
| 5 | 891 | 543.99 | 925.5 | |
| 6 | 1,223 | 663.27 | 821.4 | |
| 7 | 1,652 | 218.29 | 200.3 | |
| 8 | 1,862 | 99.53 | 81.0 | |
| 9 | 2,265 | 161.75 | 108.2 | |
| 10 | 3,843 | 127.09 | 50.1 | |
| 11 | 6,175 | 7.54 | 1.8 | |
| 12 | 10,380 | 75.00 | 10.9 | Upper Marker |

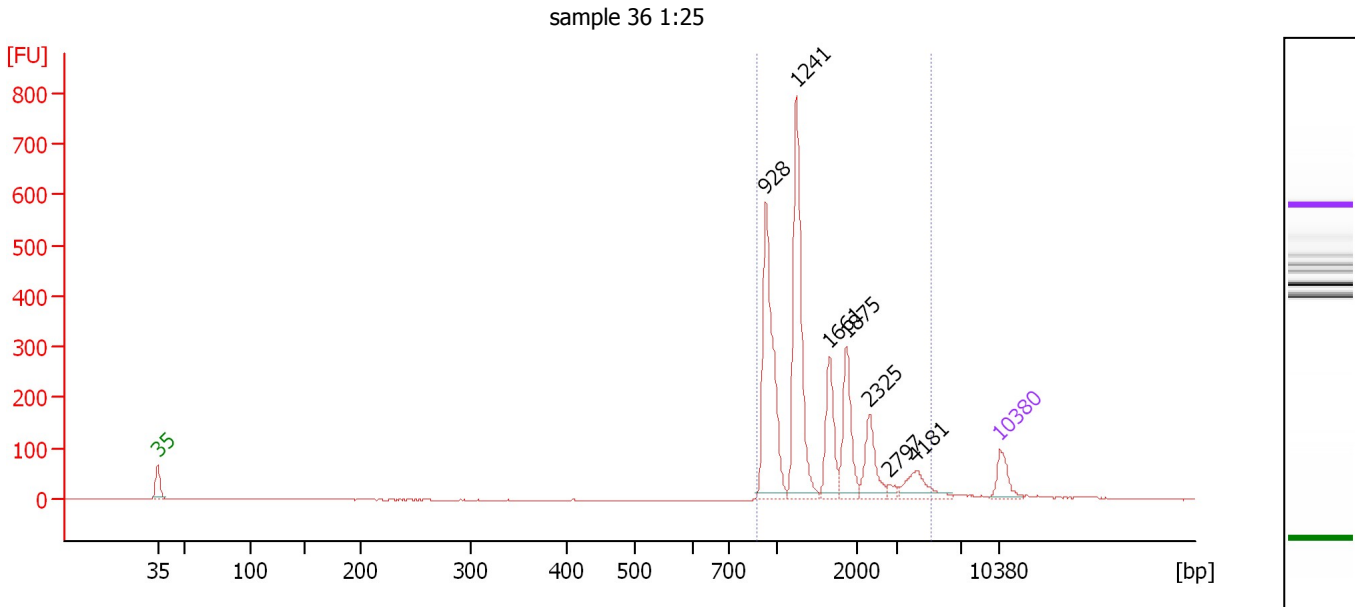
Region table for sample 3 : sample 35 1:16

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/µl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 856 | 5,446 | 1,589 | 2,106.6 | 1,807.15 | 1,974.2 | 94 | 54.4 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-02\2013-04-02_001.xad

Created: 4/2/2013 9:51:34 AM
 Modified: 4/2/2013 10:42:11 AM

Electropherogram Summary Continued ...



Setpoint Deviations for sample 4 : sample 36 1:25

Height Threshold [FU] : 10

Overall Results for sample 4 : sample 36 1:25

Number of peaks found: 7 Corr. Area 1: 2,089.8
 Noise: 0.7

Peak table for sample 4 : sample 36 1:25

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 928 | 608.69 | 994.0 | |
| 3 | 1,241 | 621.86 | 759.5 | |
| 4 | 1,661 | 194.35 | 177.3 | |
| 5 | 1,875 | 213.04 | 172.2 | |
| 6 | 2,325 | 142.20 | 92.7 | |
| 7 | 2,797 | 19.55 | 10.6 | |
| 8 | 4,181 | 99.68 | 36.1 | |
| 9 | 10,380 | 75.00 | 10.9 | Upper Marker |

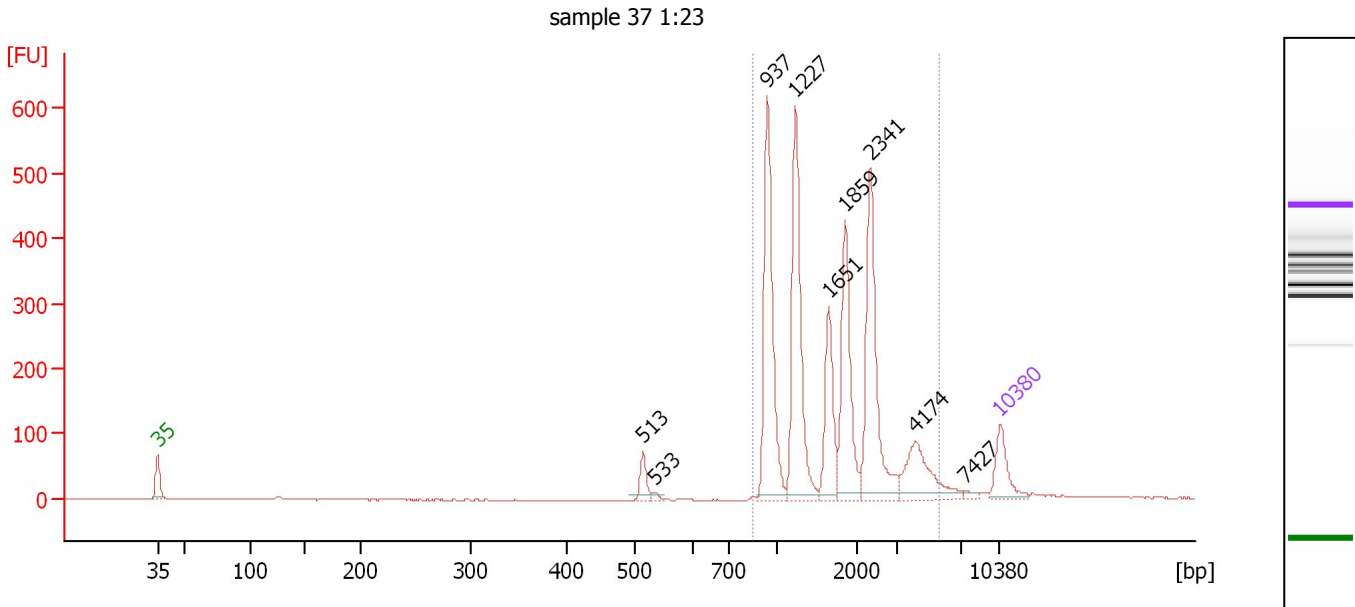
Region table for sample 4 : sample 36 1:25

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 876 | 5,064 | 1,557 | 2,133.9 | 1,877.17 | 2,089.8 | 96 | 48.5 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-02\2013-04-02_001.xad

Created: 4/2/2013 9:51:34 AM
 Modified: 4/2/2013 10:42:11 AM

Electropherogram Summary Continued ...



Setpoint Deviations for sample 5 : sample 37 1:23

Height Threshold [FU] : 10

Overall Results for sample 5 : sample 37 1:23

Number of peaks found: 9 Corr. Area 1: 2,374.8
 Noise: 0.7

Peak table for sample 5 : sample 37 1:23

| Peak | Size [bp] | Conc. [pg/µl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 513 | 47.76 | 141.0 | |
| 3 | 533 | 9.42 | 26.7 | |
| 4 | 937 | 404.89 | 654.4 | |
| 5 | 1,227 | 376.00 | 464.4 | |
| 6 | 1,651 | 157.11 | 144.2 | |
| 7 | 1,859 | 242.54 | 197.7 | |
| 8 | 2,341 | 324.48 | 210.0 | |
| 9 | 4,174 | 139.38 | 50.6 | |
| 10 | 7,427 | 8.75 | 1.8 | |
| 11 | 10,380 | 75.00 | 10.9 | Upper Marker |

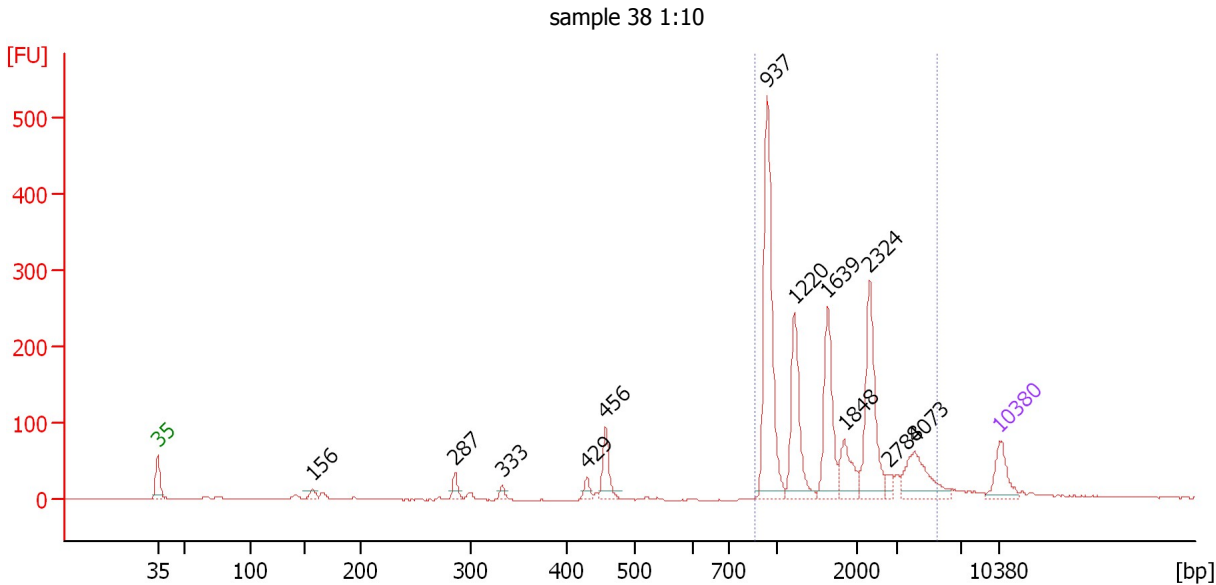
Region table for sample 5 : sample 37 1:23

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/µl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 841 | 5,675 | 1,829 | 1,616.3 | 1,591.31 | 2,374.8 | 94 | 50.4 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-02\2013-04-02_001.xad

Created: 4/2/2013 9:51:34 AM
 Modified: 4/2/2013 10:42:11 AM

Electropherogram Summary Continued ...



Setpoint Deviations for sample 6 : sample 38 1:10

Height Threshold [FU] : 10

Overall Results for sample 6 : sample 38 1:10

Number of peaks found: 12 Corr. Area 1: 1,397.8
 Noise: 0.7

Peak table for sample 6 : sample 38 1:10

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 156 | 24.03 | 232.7 | |
| 3 | 287 | 36.88 | 195.0 | |
| 4 | 333 | 16.49 | 75.0 | |
| 5 | 429 | 25.20 | 89.0 | |
| 6 | 456 | 93.31 | 309.9 | |
| 7 | 937 | 516.00 | 834.7 | |
| 8 | 1,220 | 226.75 | 281.6 | |
| 9 | 1,639 | 211.28 | 195.3 | |
| 10 | 1,848 | 91.01 | 74.6 | |
| 11 | 2,324 | 252.24 | 164.5 | |
| 12 | 2,788 | 19.45 | 10.6 | |
| 13 | 4,073 | 134.98 | 50.2 | |
| 14 | 10,380 | 75.00 | 10.9 | Upper Marker |

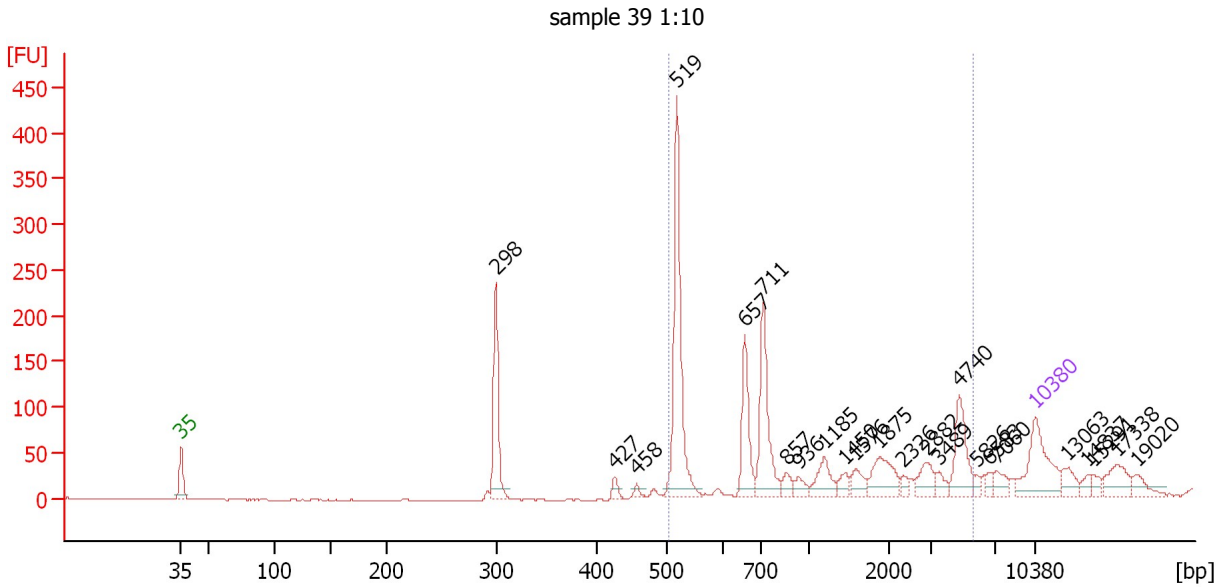
Region table for sample 6 : sample 38 1:10

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 865 | 5,562 | 1,802 | 1,561.4 | 1,443.95 | 1,397.8 | 84 | 55.1 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-02\2013-04-02_001.xad

Created: 4/2/2013 9:51:34 AM
 Modified: 4/2/2013 10:42:11 AM

Electropherogram Summary Continued ...



Setpoint Deviations for sample 7 : sample 39 1:10

Height Threshold [FU] : 10

Overall Results for sample 7 : sample 39 1:10

Number of peaks found: 24 Corr. Area 1: 1,106.9
 Noise: 0.7

Peak table for sample 7 : sample 39 1:10

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 298 | 136.18 | 691.8 | |
| 3 | 427 | 11.06 | 39.3 | |
| 4 | 458 | 7.83 | 25.9 | |
| 5 | 519 | 256.78 | 750.2 | |
| 6 | 657 | 89.94 | 207.4 | |
| 7 | 711 | 131.42 | 280.1 | |
| 8 | 857 | 16.51 | 29.2 | |
| 9 | 936 | 15.29 | 24.7 | |
| 10 | 1,185 | 36.26 | 46.4 | |
| 11 | 1,450 | 14.41 | 15.1 | |
| 12 | 1,576 | 21.41 | 20.6 | |
| 13 | 1,875 | 49.44 | 39.9 | |
| 14 | 2,326 | 8.72 | 5.7 | |
| 15 | 2,882 | 27.85 | 14.6 | |
| 16 | 3,489 | 12.36 | 5.4 | |
| 17 | 4,740 | 62.22 | 19.9 | |
| 18 | 5,826 | 6.79 | 1.8 | |
| 19 | 6,583 | 8.08 | 1.9 | |
| 20 | 7,060 | 16.90 | 3.6 | |
| 21 | 10,380 | 75.00 | 10.9 | Upper Marker |
| 22 | 13,063 | 0.00 | 0.0 | |


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-02\2013-04-02_001.xad

Created: 4/2/2013 9:51:34 AM
Modified: 4/2/2013 10:42:11 AM

Electropherogram Summary Continued ...**... Peak table for sample 7 : sample 39 1:10**

| Peak | Size [bp] | Conc. [pg/ μ l] | Molarity [pmol/l] | Observations |
|------|-----------|---------------------|-------------------|--------------|
| 23 | 14,837 | 0.00 | 0.0 | |
| 24 | 15,291 | 0.00 | 0.0 | |
| 25 | 17,338 | 0.00 | 0.0 | |
| 26 | 19,020 | 0.00 | 0.0 | |

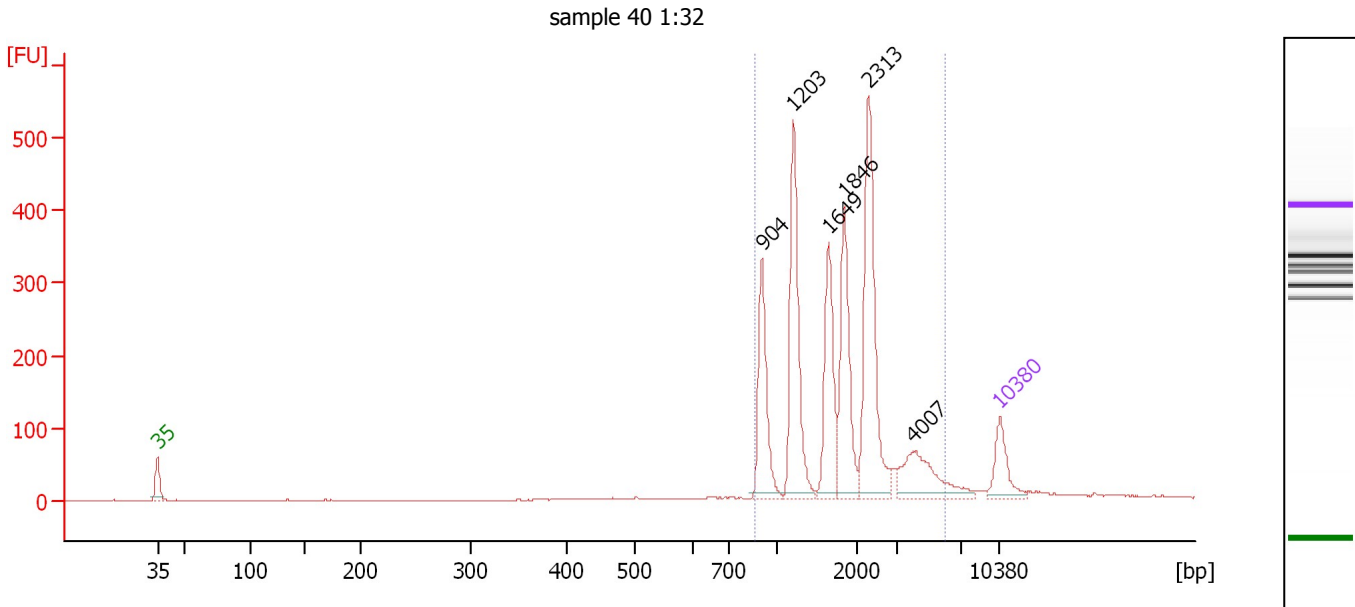
Region table for sample 7 : sample 39 1:10

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/ μ l] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------------|------------|------------|-----------------------------|---|
| 505 | 5,568 | 1,494 | 1,367.9 | 698.43 | 1,106.9 | 74 | 94.0 |  |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-02\2013-04-02_001.xad

Created: 4/2/2013 9:51:34 AM
 Modified: 4/2/2013 10:42:11 AM

Electropherogram Summary Continued ...



Setpoint Deviations for sample 8 : sample 40 1:32

Height Threshold [FU] : 10

Overall Results for sample 8 : sample 40 1:32

Number of peaks found: 6 Corr. Area 1: 2,137.6
 Noise: 0.6

Peak table for sample 8 : sample 40 1:32

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 904 | 217.25 | 364.2 | |
| 3 | 1,203 | 325.73 | 410.4 | |
| 4 | 1,649 | 206.25 | 189.6 | |
| 5 | 1,846 | 230.14 | 188.9 | |
| 6 | 2,313 | 362.26 | 237.3 | |
| 7 | 4,007 | 143.39 | 54.2 | |
| 8 | 10,380 | 75.00 | 10.9 | Upper Marker |

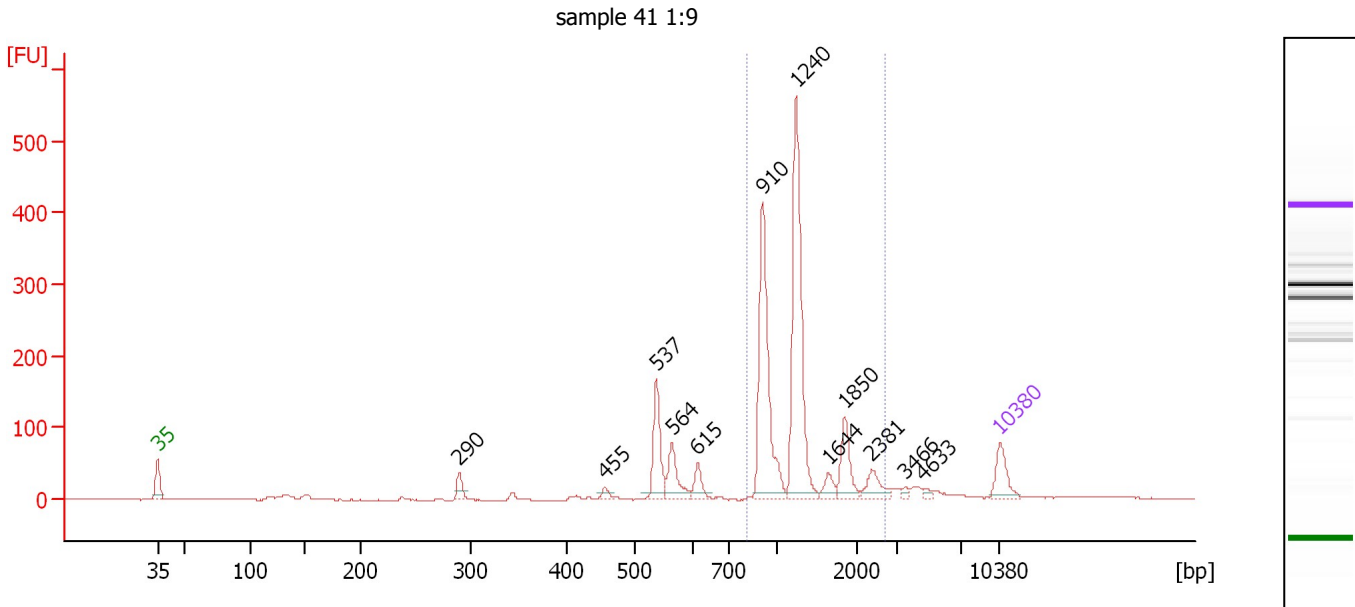
Region table for sample 8 : sample 40 1:32

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 866 | 6,014 | 1,945 | 1,368.4 | 1,456.54 | 2,137.6 | 94 | 47.9 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-02\2013-04-02_001.xad

Created: 4/2/2013 9:51:34 AM
 Modified: 4/2/2013 10:42:11 AM

Electropherogram Summary Continued ...



Setpoint Deviations for sample 9 : sample 41 1:9

Height Threshold [FU] : 10

Overall Results for sample 9 : sample 41 1:9

Number of peaks found: 12 Corr. Area 1: 1,102.2
 Noise: 0.8

Peak table for sample 9 : sample 41 1:9

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 290 | 42.98 | 224.2 | |
| 3 | 455 | 19.41 | 64.6 | |
| 4 | 537 | 178.82 | 504.9 | |
| 5 | 564 | 111.48 | 299.2 | |
| 6 | 615 | 53.97 | 133.0 | |
| 7 | 910 | 499.38 | 831.3 | |
| 8 | 1,240 | 577.41 | 705.8 | |
| 9 | 1,644 | 36.59 | 33.7 | |
| 10 | 1,850 | 107.08 | 87.7 | |
| 11 | 2,381 | 59.71 | 38.0 | |
| 12 | 3,466 | 11.35 | 5.0 | |
| 13 | 4,633 | 12.44 | 4.1 | |
| 14 | 10,380 | 75.00 | 10.9 | Upper Marker |

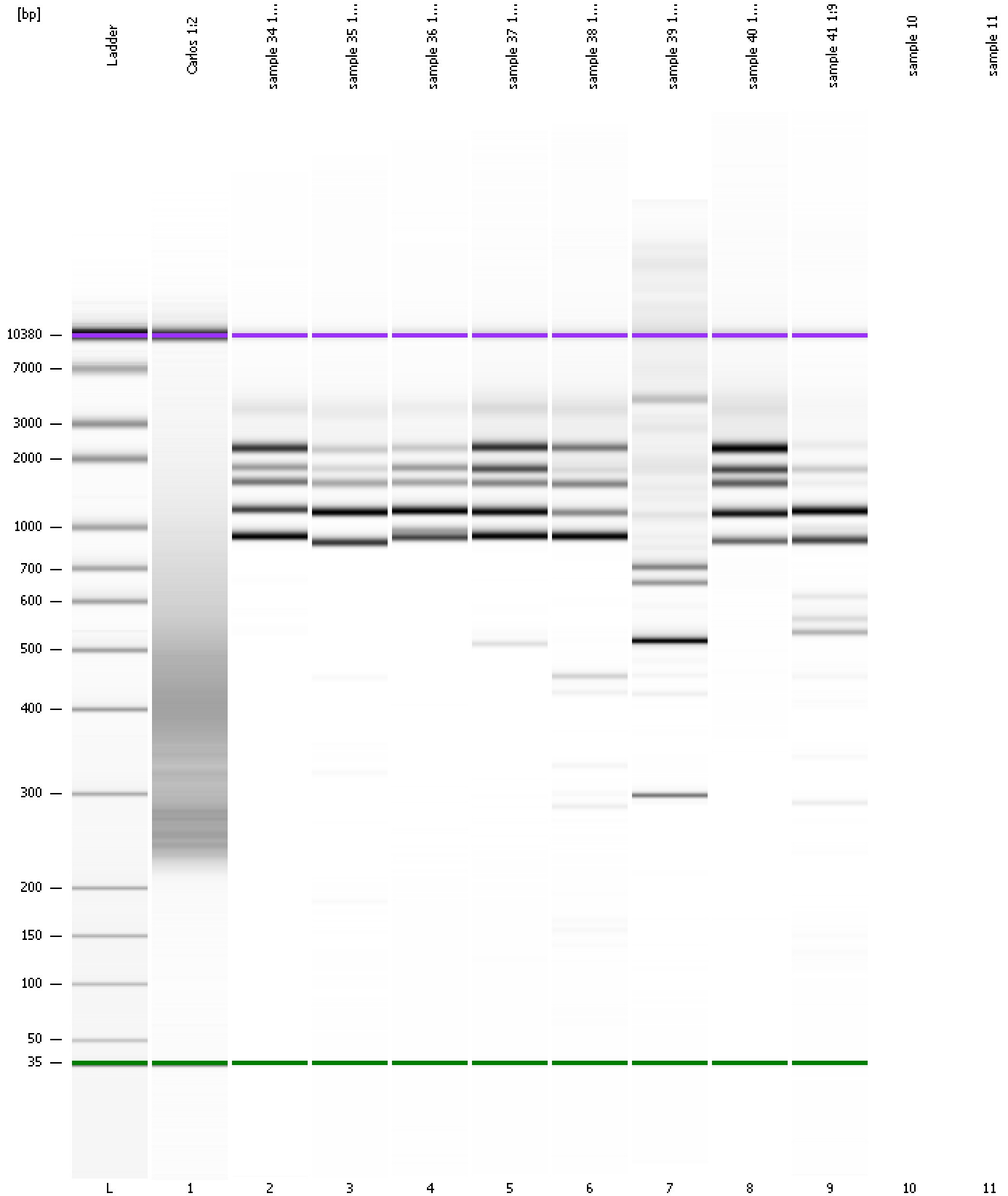
Region table for sample 9 : sample 41 1:9

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 805 | 2,705 | 1,266 | 1,636.3 | 1,269.41 | 1,102.2 | 70 | 30.6 | Blue |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-02\2013-04-02_001.xad

Created: 4/2/2013 9:51:34 AM
Modified: 4/2/2013 10:42:11 AM

Gel Image

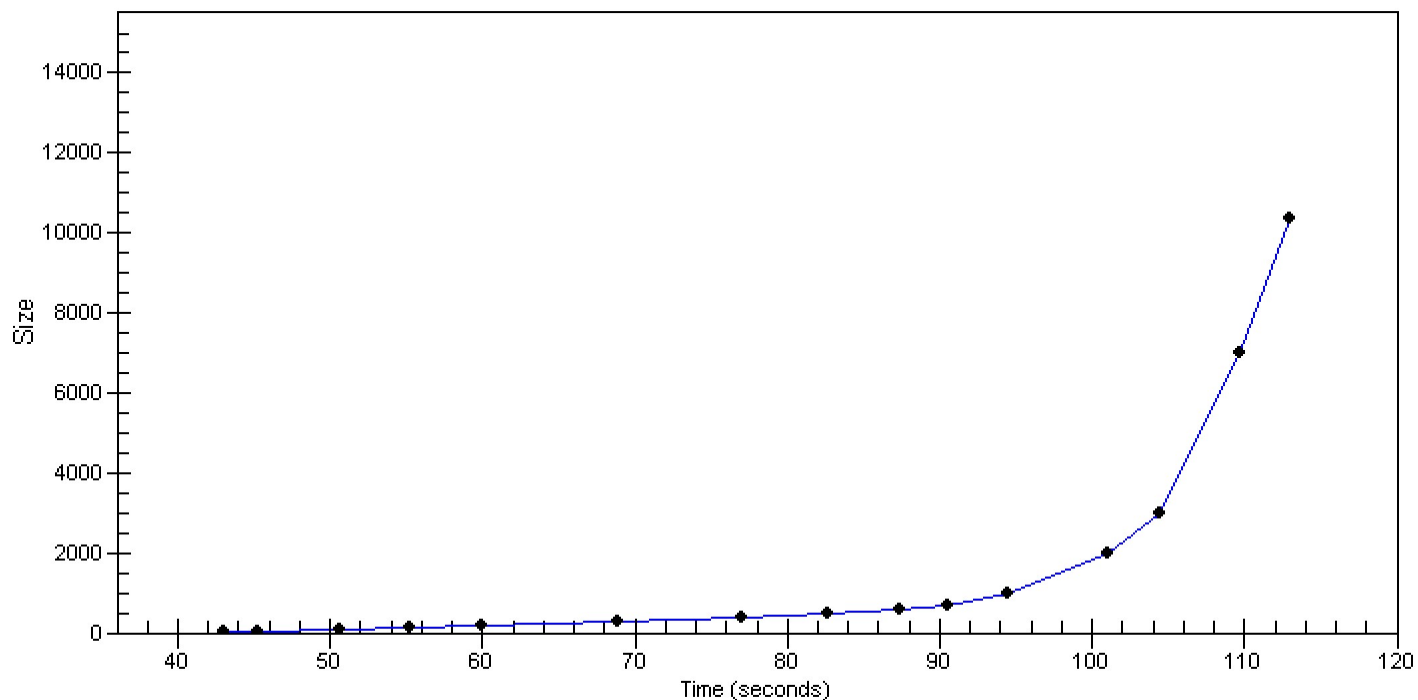


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-02\2013-04-02_001.xad

Created: 4/2/2013 9:51:34 AM
Modified: 4/2/2013 10:42:11 AM

Curves

Standard Curve



Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-02\2013-04-02_001.xad

Created: 4/2/2013 9:51:34 AM
Modified: 4/2/2013 10:42:11 AM

Invalid Samples

Sample 10 has not been run, no results available.

Sample 11 has not been run, no results available.

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-04-02\2013-04-02_001.xad

Created: 4/2/2013 9:51:34 AM
 Modified: 4/2/2013 10:42:11 AM

Run Logbook

| Description | Number | Source | Category | Sub Category | Time | Time Zone | User | Host |
|---|--------|------------|----------|--------------|----------------------|-------------------------------------|----------|----------|
| Run ended on port 1 (Number of wells acquired: 10) | | Instrument | Run | | 4/2/2013 10:27:10 AM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Run started on port 1 (File: C:\Documents and Settings\Bioanalyzer\2013-04-02\2013-04-02_001.xad) | | Instrument | Run | | 4/2/2013 9:51:40 AM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Product Number : G2938B | | Instrument | Run | | 4/2/2013 9:51:40 AM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Name : | | Instrument | Run | | 4/2/2013 9:51:40 AM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Vendor : Agilent Technologies | | Instrument | Run | | 4/2/2013 9:51:40 AM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Serial# : DE13701086 | | Instrument | Run | | 4/2/2013 9:51:40 AM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Firmware : C.01.069 | | Instrument | Run | | 4/2/2013 9:51:40 AM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Cartridge : Electrode | | Instrument | Run | | 4/2/2013 9:51:40 AM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |