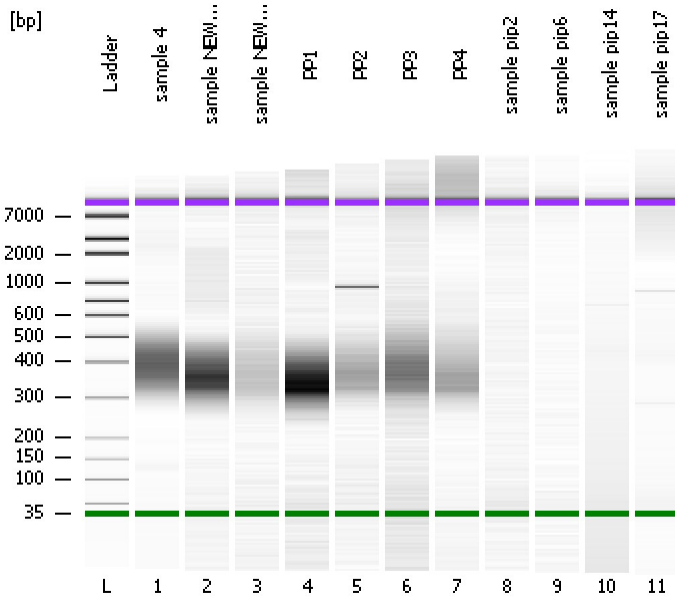


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-06\2014-02-06\_002.xad

Created: 2/6/2014 10:54:30 AM  
Modified: 2/6/2014 11:48:30 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

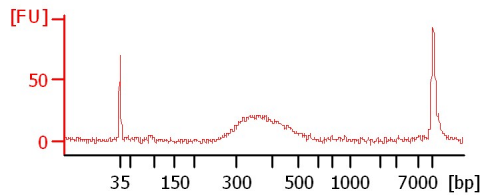
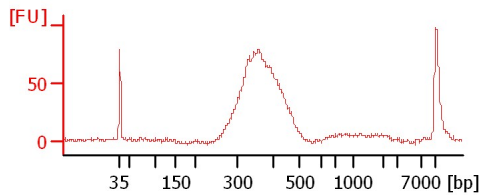
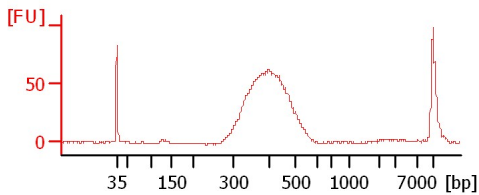
Chip Information:

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

sample 4

sample NEW19

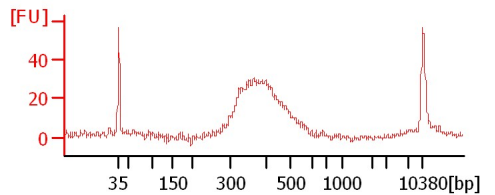
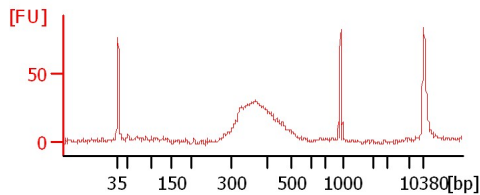
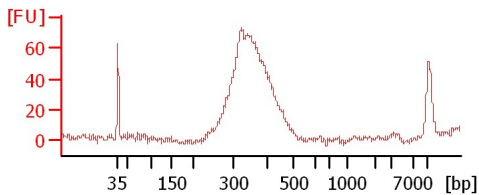
sample NEW20



PP1

PP2

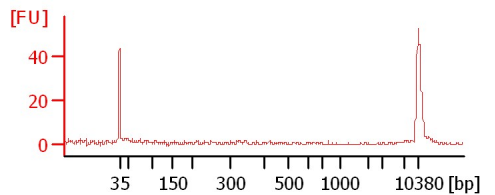
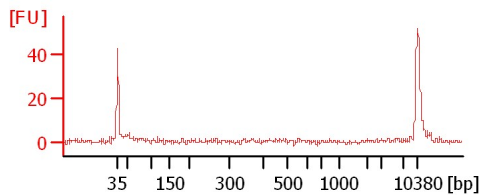
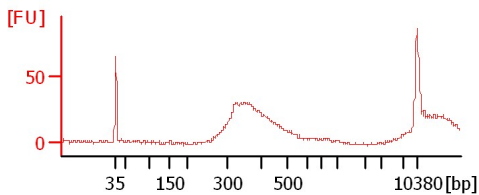
PP3



PP4

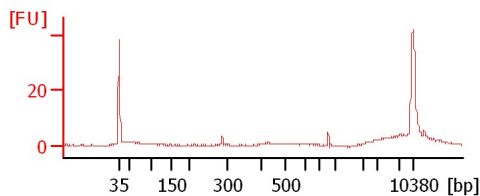
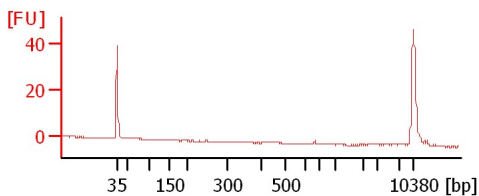
sample pip2

sample pip6



sample pip14

sample pip17



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-06\2014-02-06\_002.xad

Created: 2/6/2014 10:54:30 AM  
 Modified: 2/6/2014 11:48:30 AM

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

| Sample Name  | Sample Comment | Rest. Digest             | Status | Observation | Result Label | Result Color |
|--------------|----------------|--------------------------|--------|-------------|--------------|--------------|
| sample 4     |                | <input type="checkbox"/> | ✓      |             |              |              |
| sample NEW19 |                | <input type="checkbox"/> | ✓      |             |              |              |
| sample NEW20 |                | <input type="checkbox"/> | ✓      |             |              |              |
| PP1          |                | <input type="checkbox"/> | ✓      |             |              |              |
| PP2          |                | <input type="checkbox"/> | ✓      |             |              |              |
| PP3          |                | <input type="checkbox"/> | ✓      |             |              |              |
| PP4          |                | <input type="checkbox"/> | ✓      |             |              |              |
| sample pip2  |                | <input type="checkbox"/> | ✓      |             |              |              |
| sample pip6  |                | <input type="checkbox"/> | ✓      |             |              |              |
| sample pip14 |                | <input type="checkbox"/> | ✓      |             |              |              |
| sample pip17 |                | <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\2014-02-06\2014-02-06\_002.xad

Created: 2/6/2014 10:54:30 AM  
 Modified: 2/6/2014 11:48:30 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/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

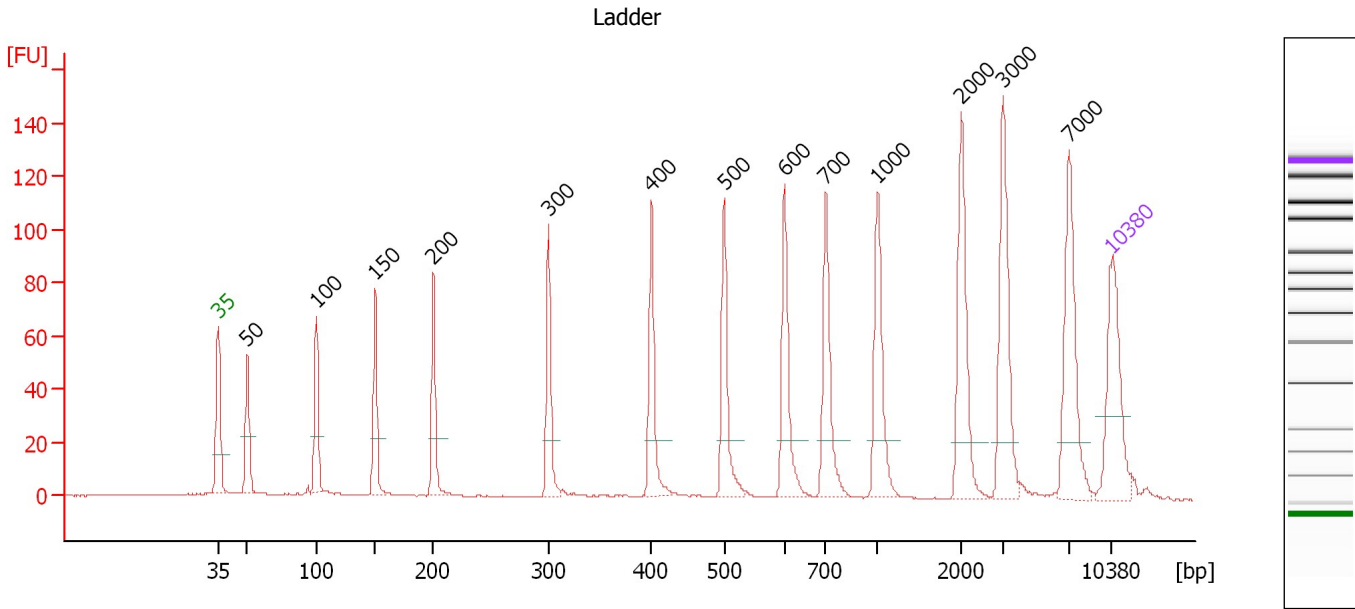
**Ladder**

| 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\2014-02-06\2014-02-06\_002.xad

Created: 2/6/2014 10:54:30 AM  
 Modified: 2/6/2014 11:48:30 AM

**Electropherogram Summary**



**Overall Results for Ladder**

Noise: 0.2

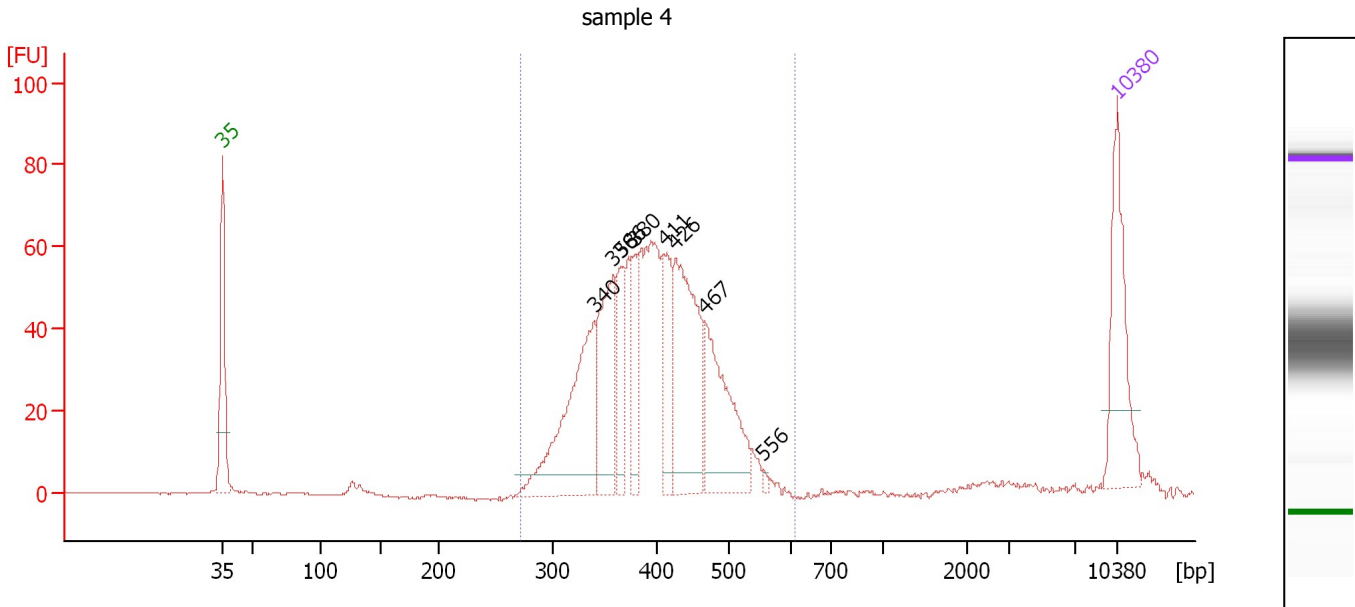
**Peak table for Ladder**

| Peak | Aligned Migration Time [s] | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|----------------------------|-----------|---------------|-------------------|--------------|
| 1    | 43.00                      | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 45.26                      | 50        | 150.00        | 4,545.5           | Ladder Peak  |
| 3    | 50.69                      | 100       | 150.00        | 2,272.7           | Ladder Peak  |
| 4    | 55.29                      | 150       | 150.00        | 1,515.2           | Ladder Peak  |
| 5    | 59.85                      | 200       | 150.00        | 1,136.4           | Ladder Peak  |
| 6    | 68.88                      | 300       | 150.00        | 757.6             | Ladder Peak  |
| 7    | 76.95                      | 400       | 150.00        | 568.2             | Ladder Peak  |
| 8    | 82.68                      | 500       | 150.00        | 454.5             | Ladder Peak  |
| 9    | 87.41                      | 600       | 150.00        | 378.8             | Ladder Peak  |
| 10   | 90.63                      | 700       | 150.00        | 324.7             | Ladder Peak  |
| 11   | 94.68                      | 1,000     | 150.00        | 227.3             | Ladder Peak  |
| 12   | 101.25                     | 2,000     | 150.00        | 113.6             | Ladder Peak  |
| 13   | 104.55                     | 3,000     | 150.00        | 75.8              | Ladder Peak  |
| 14   | 109.70                     | 7,000     | 150.00        | 32.5              | Ladder Peak  |
| 15   | 113.00                     | 10,380    | 75.00         | 10.9              | Upper Marker |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-06\2014-02-06\_002.xad

Created: 2/6/2014 10:54:30 AM  
 Modified: 2/6/2014 11:48:30 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 1 : sample 4**

Number of peaks found: 8                      Corr. Area 1: 924.4  
 Noise: 0.2

**Peak table for sample 1 : sample 4**

| Peak | Aligned Migration Time [s] | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|----------------------------|-----------|---------------|-------------------|--------------|
| 1    | 43.00                      | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 72.09                      | 340       | 180.52        | 805.0             |              |
| 3    | 73.60                      | 358       | 113.85        | 481.3             |              |
| 4    | 74.18                      | 366       | 52.81         | 218.8             |              |
| 5    | 75.31                      | 380       | 46.86         | 187.0             |              |
| 6    | 77.56                      | 411       | 57.28         | 211.4             |              |
| 7    | 78.44                      | 426       | 162.09        | 576.7             |              |
| 8    | 80.82                      | 467       | 119.98        | 388.9             |              |
| 9    | 85.33                      | 556       | 3.27          | 8.9               |              |
| 10   | 113.00                     | 10,380    | 75.00         | 10.9              | Upper Marker |

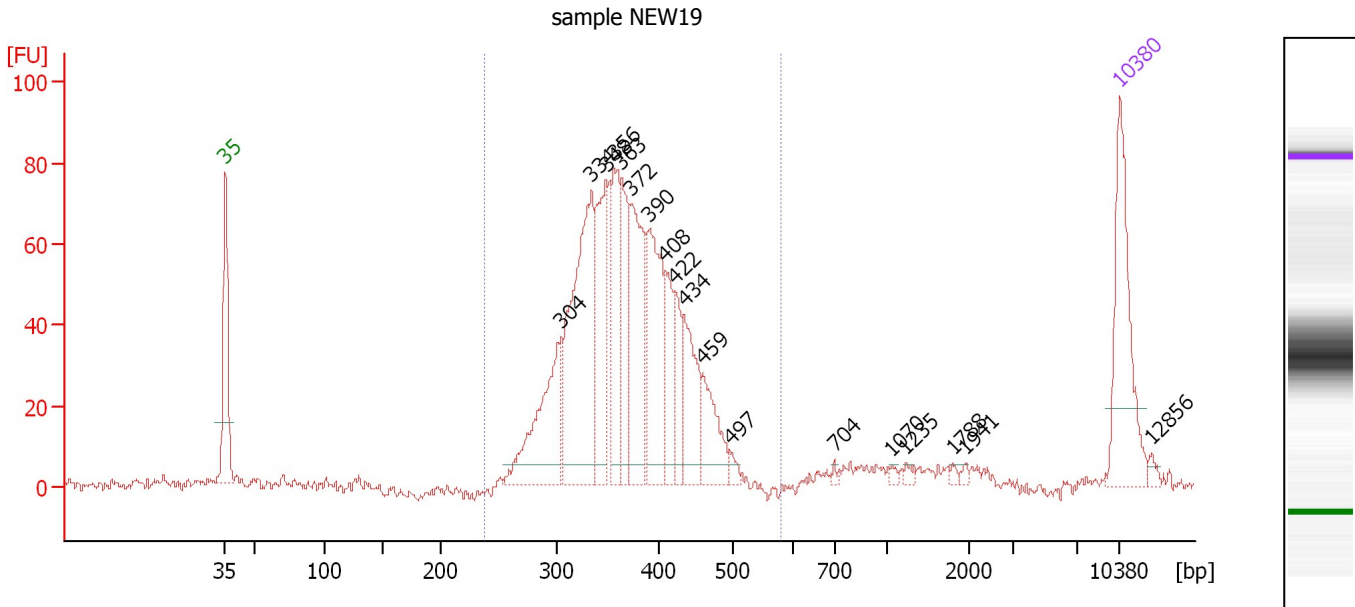
**Region table for sample 1 : sample 4**

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 272       | 611     | 401               | 3,822.0           | 985.14        | 924.4      | 96         | 14.8                        | Blue  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-06\2014-02-06\_002.xad

Created: 2/6/2014 10:54:30 AM  
 Modified: 2/6/2014 11:48:30 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 2 : sample NEW19**

Number of peaks found: 18      Corr. Area 1: 1,067.8  
 Noise: 1.6

**Peak table for sample 2 : sample NEW19**

| Peak | Aligned Migration Time [s] | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|----------------------------|-----------|---------------|-------------------|--------------|
| 1    | 43.00                      | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 69.24                      | 304       | 112.91        | 562.0             |              |
| 3    | 71.66                      | 334       | 206.61        | 936.2             |              |
| 4    | 72.79                      | 348       | 100.94        | 439.1             |              |
| 5    | 73.41                      | 356       | 88.71         | 377.5             |              |
| 6    | 74.00                      | 363       | 66.05         | 275.4             |              |
| 7    | 74.70                      | 372       | 106.84        | 435.0             |              |
| 8    | 76.16                      | 390       | 106.98        | 415.4             |              |
| 9    | 77.42                      | 408       | 44.95         | 166.9             |              |
| 10   | 78.21                      | 422       | 30.15         | 108.3             |              |
| 11   | 78.88                      | 434       | 65.74         | 229.8             |              |
| 12   | 80.34                      | 459       | 46.31         | 152.9             |              |
| 13   | 82.51                      | 497       | 5.67          | 17.3              |              |
| 14   | 90.68                      | 704       | 2.07          | 4.4               |              |
| 15   | 95.15                      | 1,070     | 2.60          | 3.7               |              |
| 16   | 96.23                      | 1,235     | 3.12          | 3.8               |              |
| 17   | 99.86                      | 1,788     | 2.34          | 2.0               |              |
| 18   | 100.86                     | 1,941     | 2.40          | 1.9               |              |
| 19   | 113.00                     | 10,380    | 75.00         | 10.9              | Upper Marker |
| 20   | 115.42                     | 12,856    | 0.00          | 0.0               |              |

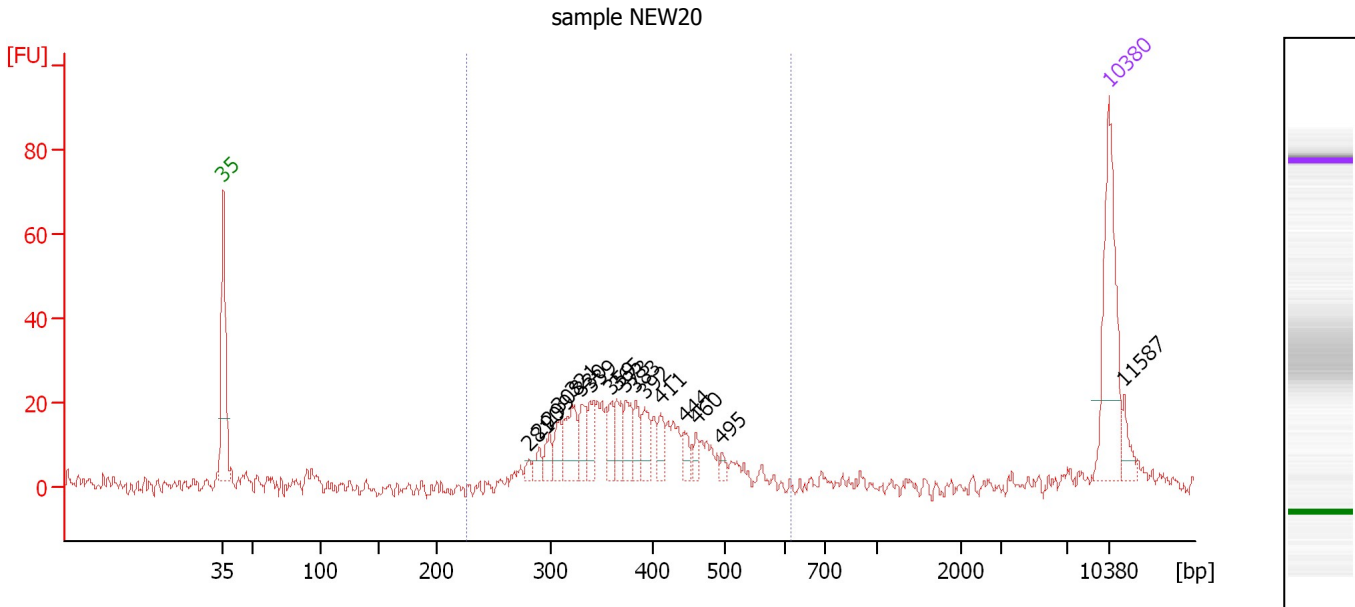
**Region table for sample 2 : sample NEW19**

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 239       | 581     | 369               | 4,357.2           | 1,036.31      | 1,067.8    | 92         | 13.8                        | Blue  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-06\2014-02-06\_002.xad

Created: 2/6/2014 10:54:30 AM  
 Modified: 2/6/2014 11:48:30 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 3 : sample NEW20**

Number of peaks found: 17      Corr. Area 1: 351.1  
 Noise: 2.4

**Peak table for sample 3 : sample NEW20**

| Peak | Aligned Migration Time [s] | Size [bp] | Conc. [pg/µl] | Molarity [pmol/l] | Observations |
|------|----------------------------|-----------|---------------|-------------------|--------------|
| 1    | 43.00                      | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 67.15                      | 281       | 5.61          | 30.3              |              |
| 3    | 67.99                      | 290       | 11.16         | 58.3              |              |
| 4    | 68.75                      | 299       | 14.30         | 72.6              |              |
| 5    | 69.55                      | 308       | 20.11         | 98.9              |              |
| 6    | 70.56                      | 321       | 37.64         | 177.8             |              |
| 7    | 71.32                      | 330       | 22.29         | 102.3             |              |
| 8    | 71.99                      | 339       | 18.60         | 83.2              |              |
| 9    | 73.68                      | 359       | 20.12         | 84.8              |              |
| 10   | 74.10                      | 365       | 23.16         | 96.2              |              |
| 11   | 74.78                      | 373       | 22.51         | 91.4              |              |
| 12   | 75.58                      | 383       | 19.50         | 77.2              |              |
| 13   | 76.29                      | 392       | 21.20         | 82.0              |              |
| 14   | 77.56                      | 411       | 15.06         | 55.6              |              |
| 15   | 79.45                      | 444       | 12.46         | 42.6              |              |
| 16   | 80.38                      | 460       | 8.87          | 29.2              |              |
| 17   | 82.40                      | 495       | 4.92          | 15.1              |              |
| 18   | 113.00                     | 10,380    | 75.00         | 10.9              | Upper Marker |
| 19   | 114.18                     | 11,587    | 0.00          | 0.0               |              |

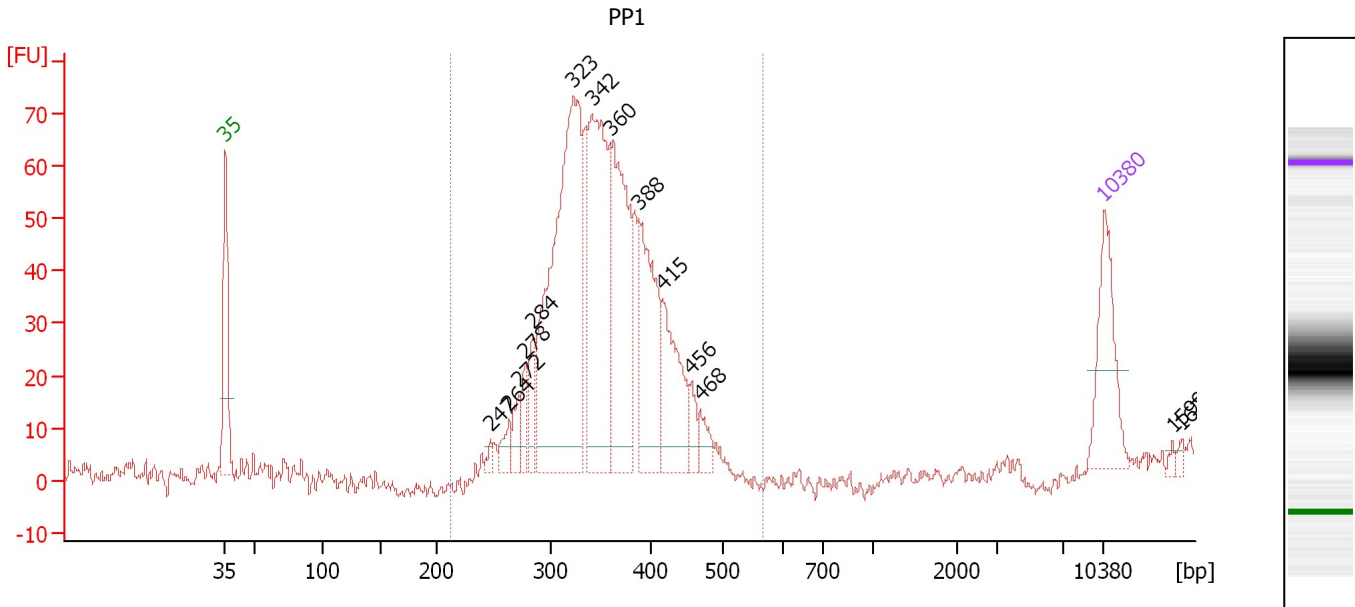
**Region table for sample 3 : sample NEW20**

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/µl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 226       | 616     | 382               | 1,817.2           | 440.60        | 351.1      | 80         | 17.7                        | Blue  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-06\2014-02-06\_002.xad

Created: 2/6/2014 10:54:30 AM  
 Modified: 2/6/2014 11:48:30 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 4 : PP1**

Number of peaks found: 14                      Corr. Area 1: 878.4  
 Noise: 2.0

**Peak table for sample 4 : PP1**

| Peak | Aligned Migration Time [s] | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|----------------------------|-----------|---------------|-------------------|--------------|
| 1    | 43.00                      | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 64.12                      | 247       | 8.46          | 51.8              |              |
| 3    | 65.61                      | 264       | 22.78         | 130.9             |              |
| 4    | 66.38                      | 272       | 24.84         | 138.2             |              |
| 5    | 66.93                      | 278       | 29.30         | 159.5             |              |
| 6    | 67.48                      | 284       | 39.98         | 213.0             |              |
| 7    | 70.71                      | 323       | 490.86        | 2,305.2           |              |
| 8    | 72.24                      | 342       | 314.88        | 1,396.6           |              |
| 9    | 73.73                      | 360       | 235.96        | 993.0             |              |
| 10   | 75.98                      | 388       | 162.23        | 633.6             |              |
| 11   | 77.81                      | 415       | 110.47        | 403.4             |              |
| 12   | 80.15                      | 456       | 21.55         | 71.6              |              |
| 13   | 80.83                      | 468       | 21.68         | 70.3              |              |
| 14   | 113.00                     | 10,380    | 75.00         | 10.9              | Upper Marker |
| 15   | 118.48                     | 15,990    | 0.00          | 0.0               |              |
| 16   | 119.21                     | 16,729    | 0.00          | 0.0               |              |

**Region table for sample 4 : PP1**

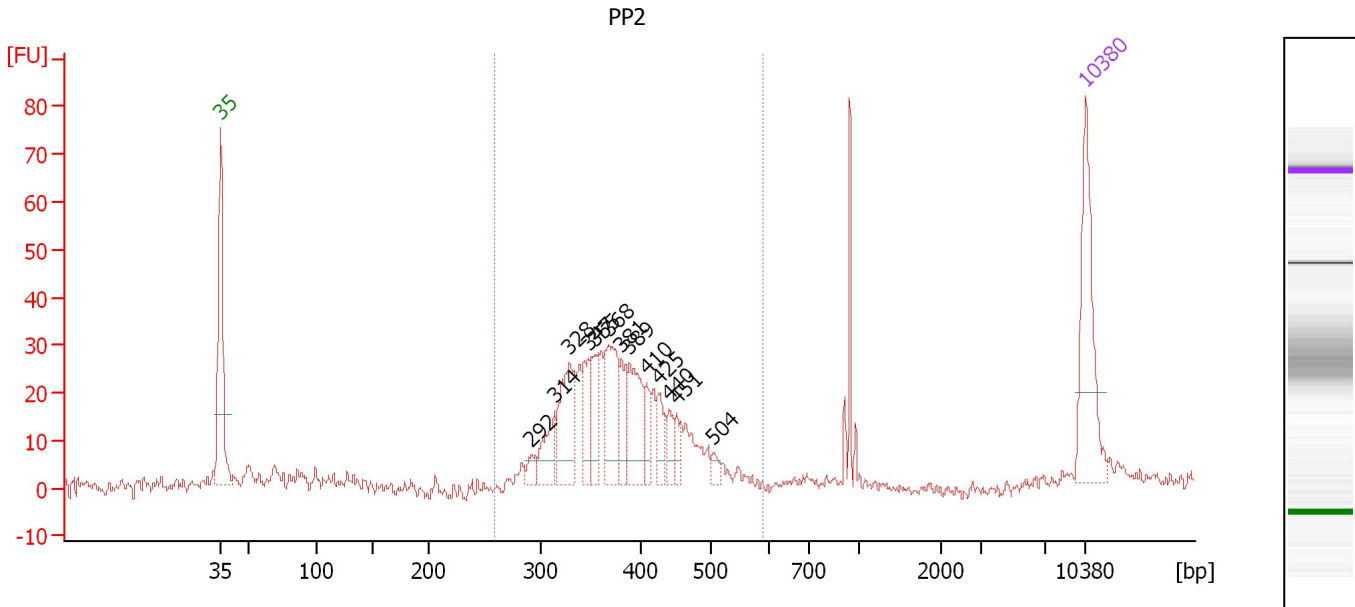
| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 212       | 566     | 353               | 6,544.0           | 1,491.75      | 878.4      | 99         | 13.1                        | Blue  |



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-06\2014-02-06\_002.xad

Created: 2/6/2014 10:54:30 AM  
 Modified: 2/6/2014 11:48:30 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 5 : PP2**

Number of peaks found: 13                      Corr. Area 1: 338.2  
 Noise: 1.3

**Peak table for sample 5 : PP2**

| Peak | Aligned Migration Time [s] | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|----------------------------|-----------|---------------|-------------------|--------------|
| 1    | 43.00                      | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 68.14                      | 292       | 11.01         | 57.2              |              |
| 3    | 70.00                      | 314       | 35.26         | 170.2             |              |
| 4    | 71.16                      | 328       | 75.53         | 348.6             |              |
| 5    | 72.72                      | 347       | 34.30         | 149.6             |              |
| 6    | 73.32                      | 355       | 35.75         | 152.6             |              |
| 7    | 74.40                      | 368       | 69.61         | 286.3             |              |
| 8    | 75.39                      | 381       | 29.17         | 116.1             |              |
| 9    | 76.08                      | 389       | 60.18         | 234.3             |              |
| 10   | 77.50                      | 410       | 20.68         | 76.5              |              |
| 11   | 78.41                      | 425       | 20.08         | 71.5              |              |
| 12   | 79.23                      | 440       | 15.94         | 54.9              |              |
| 13   | 79.88                      | 451       | 14.43         | 48.5              |              |
| 14   | 82.85                      | 504       | 7.10          | 21.4              |              |
| 15   | 113.00                     | 10,380    | 75.00         | 10.9              | Upper Marker |

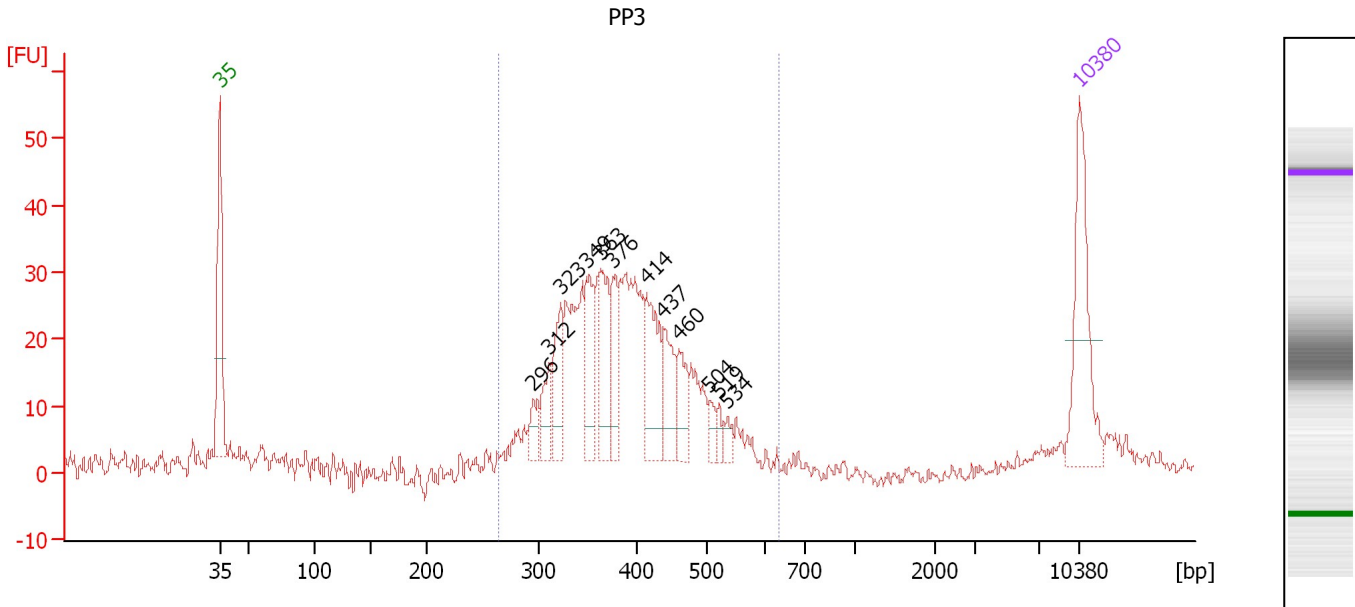
**Region table for sample 5 : PP2**

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 259       | 588     | 379               | 1,972.1           | 484.75        | 338.2      | 92         | 13.1                        | Blue  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-06\2014-02-06\_002.xad

Created: 2/6/2014 10:54:30 AM  
 Modified: 2/6/2014 11:48:30 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 6 : PP3**

Number of peaks found: 12                      Corr. Area 1: 440.8  
 Noise: 1.1

**Peak table for sample 6 : PP3**

| Peak | Aligned Migration Time [s] | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|----------------------------|-----------|---------------|-------------------|--------------|
| 1    | 43.00                      | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 68.49                      | 296       | 19.11         | 97.9              |              |
| 3    | 69.84                      | 312       | 30.44         | 147.9             |              |
| 4    | 70.70                      | 323       | 51.52         | 242.0             |              |
| 5    | 72.83                      | 349       | 56.46         | 245.2             |              |
| 6    | 74.00                      | 363       | 59.07         | 246.2             |              |
| 7    | 75.05                      | 376       | 42.28         | 170.2             |              |
| 8    | 77.74                      | 414       | 73.74         | 270.1             |              |
| 9    | 79.09                      | 437       | 45.05         | 156.1             |              |
| 10   | 80.39                      | 460       | 31.80         | 104.8             |              |
| 11   | 82.86                      | 504       | 10.27         | 30.9              |              |
| 12   | 83.60                      | 519       | 8.43          | 24.6              |              |
| 13   | 84.30                      | 534       | 9.68          | 27.5              |              |
| 14   | 113.00                     | 10,380    | 75.00         | 10.9              | Upper Marker |

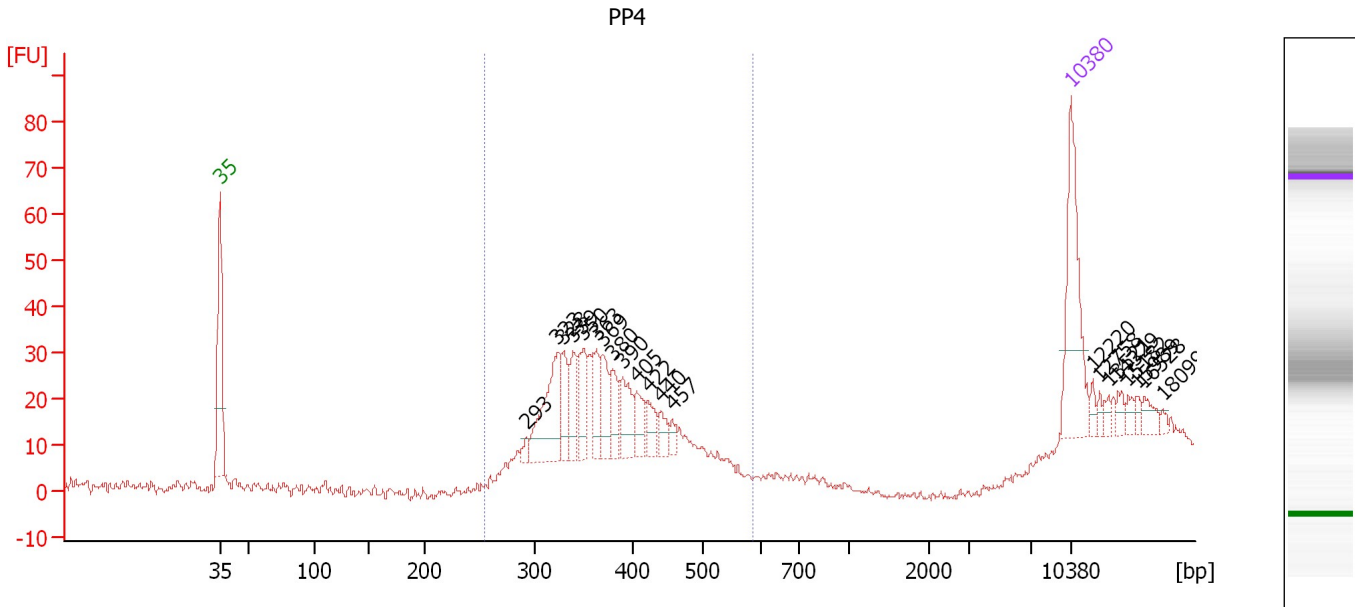
**Region table for sample 6 : PP3**

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 264       | 633     | 393               | 3,101.1           | 779.06        | 440.8      | 94         | 16.3                        | Blue  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-06\2014-02-06\_002.xad

Created: 2/6/2014 10:54:30 AM  
 Modified: 2/6/2014 11:48:30 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 7 : PP4**

Number of peaks found: 21                      Corr. Area 1: 309.3  
 Noise: 1.0


**Peak table for sample 7 : PP4**

| Peak | Aligned Migration Time [s] | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|----------------------------|-----------|---------------|-------------------|--------------|
| 1    | 43.00                      | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 68.22                      | 293       | 7.34          | 38.0              |              |
| 3    | 70.76                      | 323       | 86.03         | 403.2             |              |
| 4    | 71.11                      | 328       | 30.80         | 142.4             |              |
| 5    | 72.04                      | 339       | 32.17         | 143.8             |              |
| 6    | 72.91                      | 350       | 36.66         | 158.7             |              |
| 7    | 73.96                      | 363       | 26.92         | 112.4             |              |
| 8    | 74.45                      | 369       | 33.64         | 138.2             |              |
| 9    | 75.32                      | 380       | 28.41         | 113.4             |              |
| 10   | 76.11                      | 390       | 34.58         | 134.5             |              |
| 11   | 77.25                      | 405       | 23.87         | 89.2              |              |
| 12   | 78.22                      | 422       | 16.58         | 59.5              |              |
| 13   | 79.23                      | 440       | 13.52         | 46.6              |              |
| 14   | 80.19                      | 457       | 7.10          | 23.5              |              |
| 15   | 113.00                     | 10,380    | 75.00         | 10.9              | Upper Marker |
| 16   | 114.80                     | 12,220    | 0.00          | 0.0               |              |
| 17   | 115.32                     | 12,758    | 0.00          | 0.0               |              |
| 18   | 116.07                     | 13,521    | 0.00          | 0.0               |              |
| 19   | 116.86                     | 14,329    | 0.00          | 0.0               |              |
| 20   | 117.69                     | 15,182    | 0.00          | 0.0               |              |
| 21   | 118.48                     | 15,989    | 0.00          | 0.0               |              |
| 22   | 119.01                     | 16,528    | 0.00          | 0.0               |              |
| 23   | 120.54                     | 18,099    | 0.00          | 0.0               |              |

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-06\2014-02-06\_002.xad

Created: 2/6/2014 10:54:30 AM  
Modified: 2/6/2014 11:48:30 AM

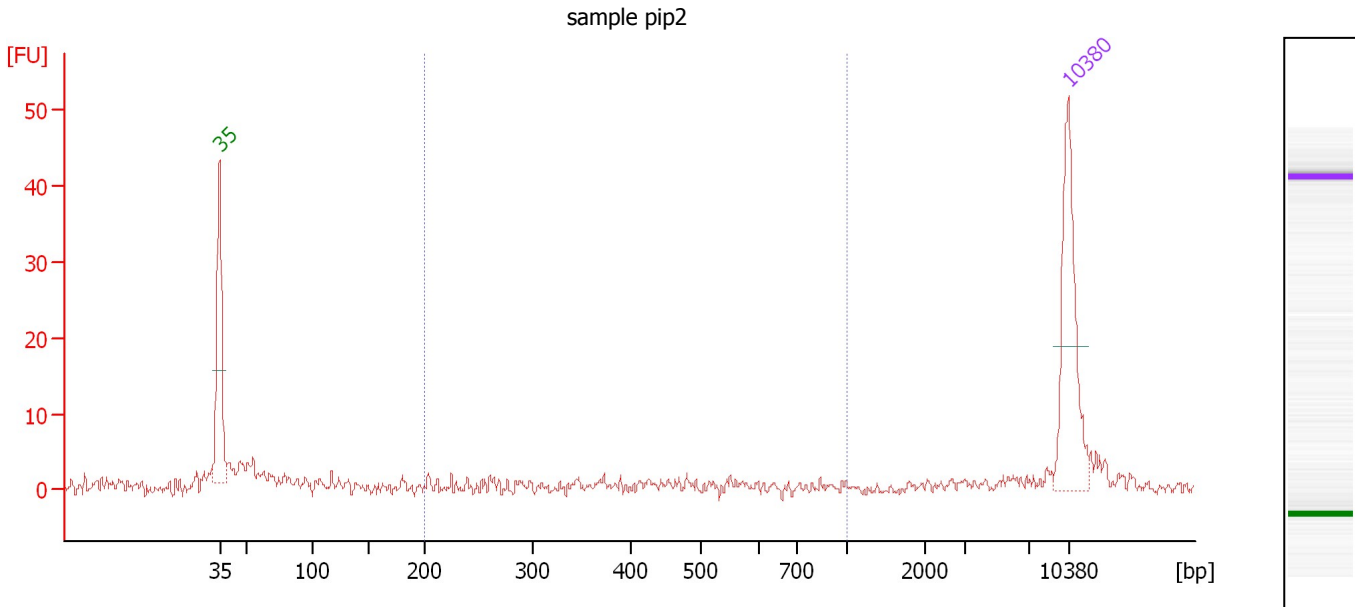
**Electropherogram Summary Continued ...****... Region table for sample 7 : PP4**

| <b>From<br/>[bp]</b> | <b>To [bp]</b> | <b>Average Size<br/>[bp]</b> | <b>Molarity<br/>[pmol/l]</b> | <b>Conc.<br/>[pg/<math>\mu</math>l]</b> | <b>Corr.<br/>Area</b> | <b>% of<br/>Total</b> | <b>Size distribution in<br/>CV [%]</b> | <b>Co<br/>lor</b>   |
|----------------------|----------------|------------------------------|------------------------------|---|-----------------------|-----------------------|--|---|
| 255                  | 588            | 368                          | 1,933.7                      | 461.86                                  | 309.3                 | 85                    | 12.9                                   |  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-06\2014-02-06\_002.xad

Created: 2/6/2014 10:54:30 AM  
 Modified: 2/6/2014 11:48:30 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 8 : sample pip2**

Number of peaks found: 0                      Corr. Area 1: 24.5  
 Noise: 1.0

**Peak table for sample 8 : sample pip2**

| Peak | Aligned Migration Time [s] | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|----------------------------|-----------|---------------|-------------------|--------------|
| 1    | 43.00                      | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 113.00                     | 10,380    | 75.00         | 10.9              | Upper Marker |

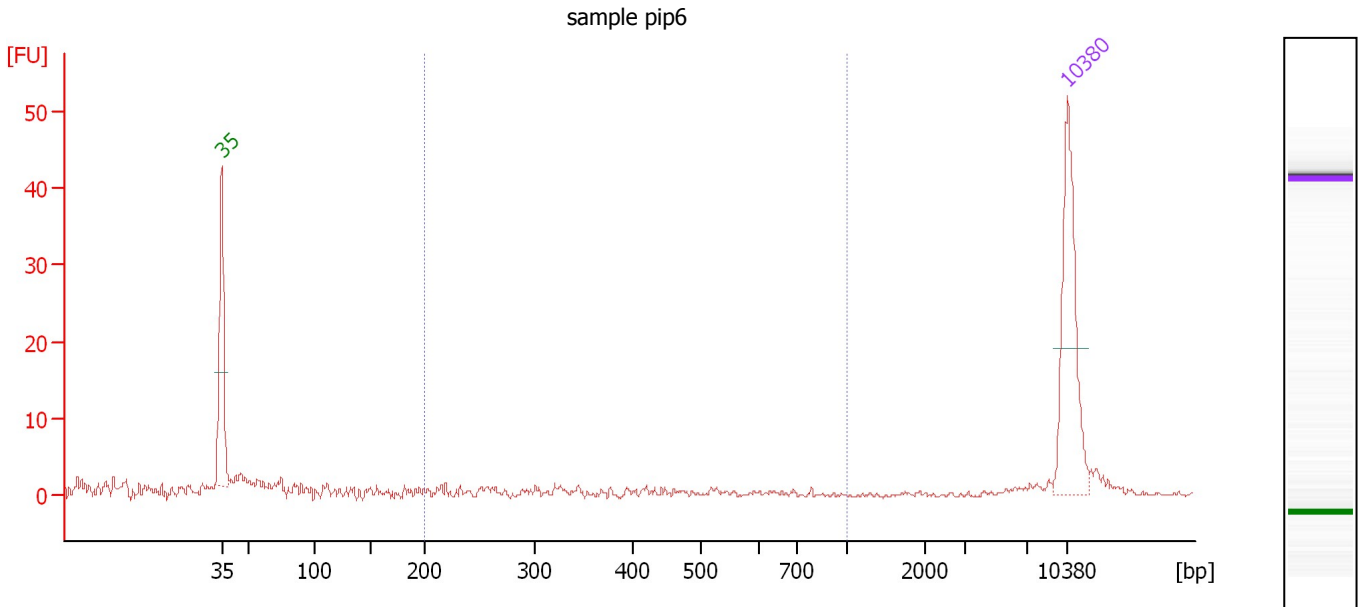
**Region table for sample 8 : sample pip2**

| 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   | 417               | 212.6             | 47.28         | 24.5       | 22         | 41.2                        | Blue  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-06\2014-02-06\_002.xad

Created: 2/6/2014 10:54:30 AM  
 Modified: 2/6/2014 11:48:30 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 9 : sample pip6**

Number of peaks found: 0                      Corr. Area 1: 4.7  
 Noise: 0.3

**Peak table for sample 9 : sample pip6**

| Peak | Aligned Migration Time [s] | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|----------------------------|-----------|---------------|-------------------|--------------|
| 1    | 43.00                      | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 113.00                     | 10,380    | 75.00         | 10.9              | Upper Marker |

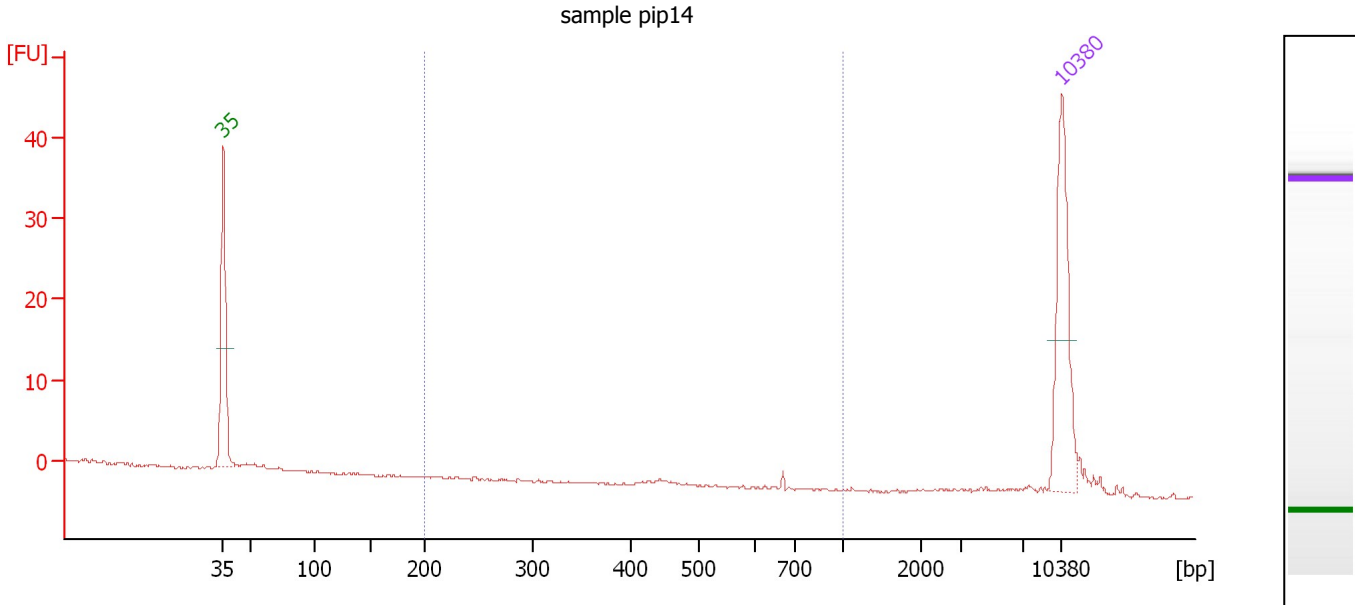
**Region table for sample 9 : sample pip6**

| 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   | 392               | 42.7              | 9.25          | 4.7        | 15         | 37.1                        | Blue  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-06\2014-02-06\_002.xad

Created: 2/6/2014 10:54:30 AM  
 Modified: 2/6/2014 11:48:30 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 10 : sample pip14**

Number of peaks found: 0                      Corr. Area 1: 0.3  
 Noise: 0.1

**Peak table for sample 10 : sample pip14**

| Peak | Aligned Migration Time [s] | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|----------------------------|-----------|---------------|-------------------|--------------|
| 1    | 43.00                      | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 113.00                     | 10,380    | 75.00         | 10.9              | Upper Marker |

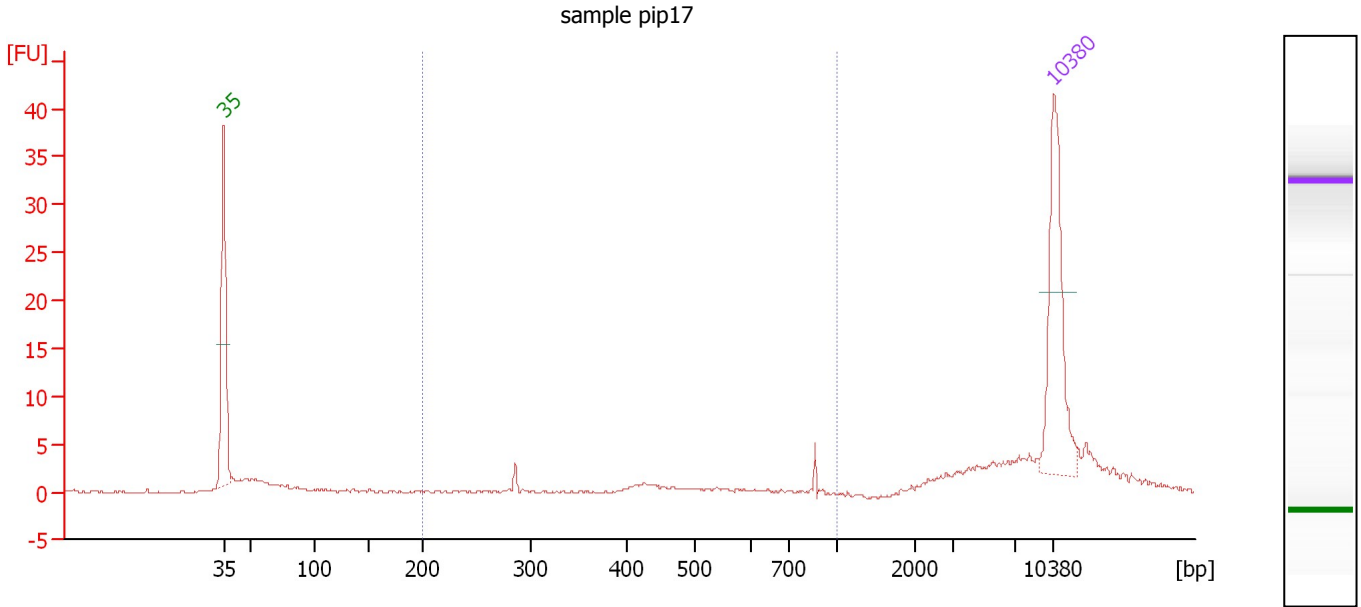
**Region table for sample 10 : sample pip14**

| 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   | 667               | 1.4               | 0.61          | 0.3        | 4          | 4.7                         | Blue  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-06\2014-02-06\_002.xad

Created: 2/6/2014 10:54:30 AM  
 Modified: 2/6/2014 11:48:30 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 11 : sample pip17**

Number of peaks found: 0                      Corr. Area 1: 4.9  
 Noise: 0.1

**Peak table for sample 11 : sample pip17**

| Peak | Aligned Migration Time [s] | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|----------------------------|-----------|---------------|-------------------|--------------|
| 1    | 43.00                      | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 113.00                     | 10,380    | 75.00         | 10.9              | Upper Marker |

**Region table for sample 11 : sample pip17**

| 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   | 513               | 41.9              | 11.49         | 4.9        | 10         | 40.5                        | Blue  |



Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-06\2014-02-06\_002.xad

Created: 2/6/2014 10:54:30 AM  
Modified: 2/6/2014 11:48:30 AM

**Gel Image**

