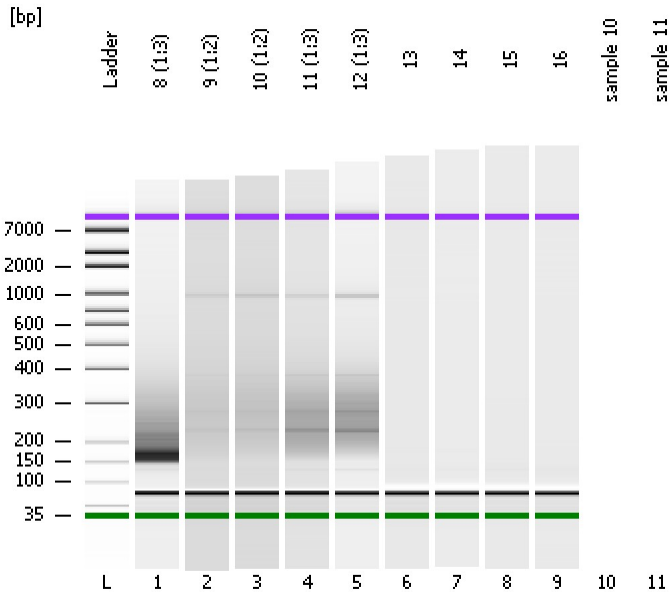


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-08\2018-03-08\_002.xad

Created: 3/8/2018 1:38:45 PM  
Modified: 3/8/2018 2:20:10 PM

**Electrophoresis File Run Summary**



Instrument Information:

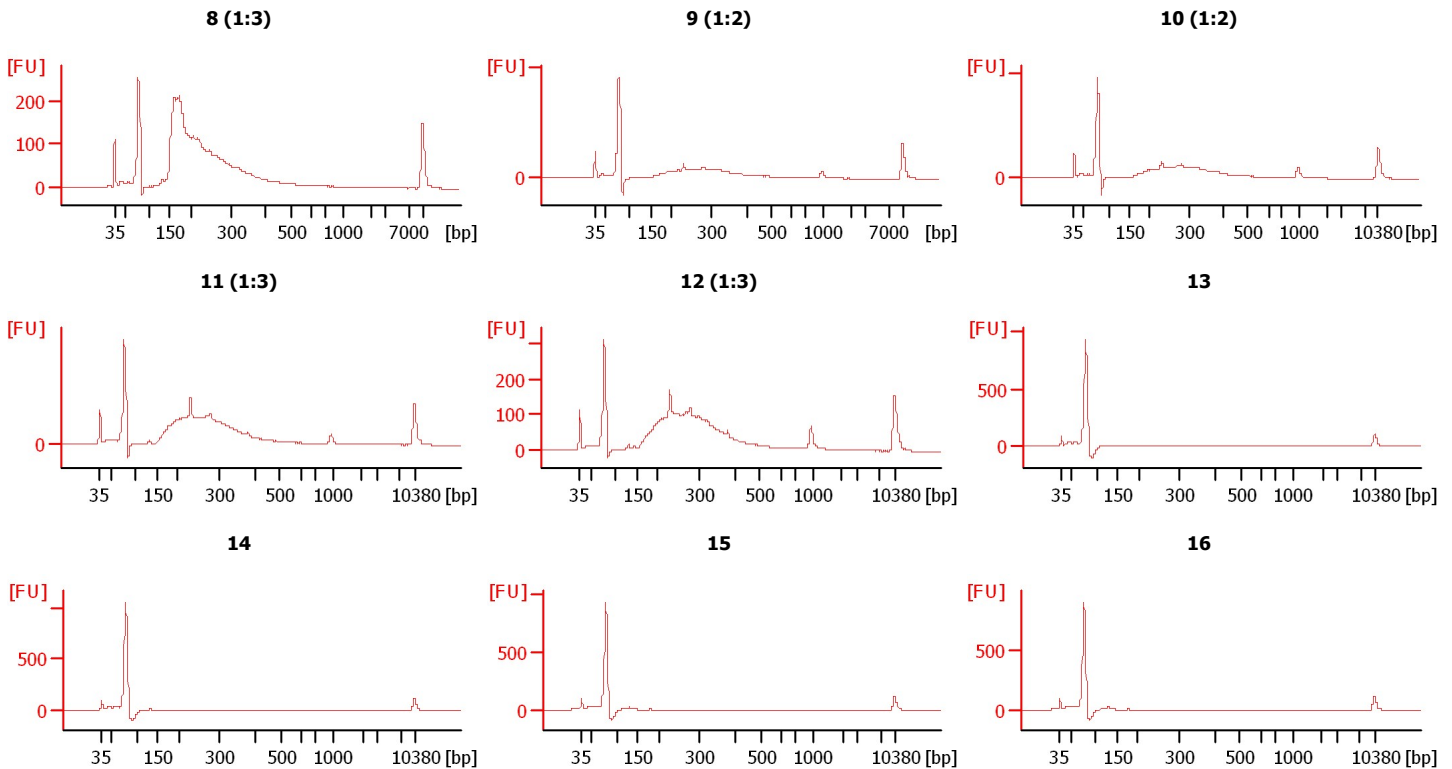
Instrument Name: DE34903152      Firmware: C.01.069  
Serial#: DE34903152      Type: G2938C

Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\High Sensitivity DNA.xsy  
Assay Class: High Sensitivity DNA Assay  
Version: 1.03  
Assay Comments: Copyright © 2003-2010 Agilent Technologies

Chip Information:

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



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-08\2018-03-08\_002.xad

Created: 3/8/2018 1:38:45 PM  
 Modified: 3/8/2018 2:20:10 PM

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

| Sample Name | Sample Comment | Rest. Digest             | Status | Observation | Result Label | Result Color |
|-------------|----------------|--------------------------|--------|-------------|--------------|--------------|
| 8 (1:3)     |                | <input type="checkbox"/> | ✓      |             |              |              |
| 9 (1:2)     |                | <input type="checkbox"/> | ✓      |             |              |              |
| 10 (1:2)    |                | <input type="checkbox"/> | ✓      |             |              |              |
| 11 (1:3)    |                | <input type="checkbox"/> | ✓      |             |              |              |
| 12 (1:3)    |                | <input type="checkbox"/> | ✓      |             |              |              |
| 13          |                | <input type="checkbox"/> | ✓      |             |              |              |
| 14          |                | <input type="checkbox"/> | ✓      |             |              |              |
| 15          |                | <input type="checkbox"/> | ✓      |             |              |              |
| 16          |                | <input type="checkbox"/> | ✓      |             |              |              |
| sample 10   |                | <input type="checkbox"/> |        |             |              |              |
| sample 11   |                | <input type="checkbox"/> |        |             |              |              |
| Ladder      |                | <input type="checkbox"/> | ✓      |             |              |              |

**Chip Lot #**

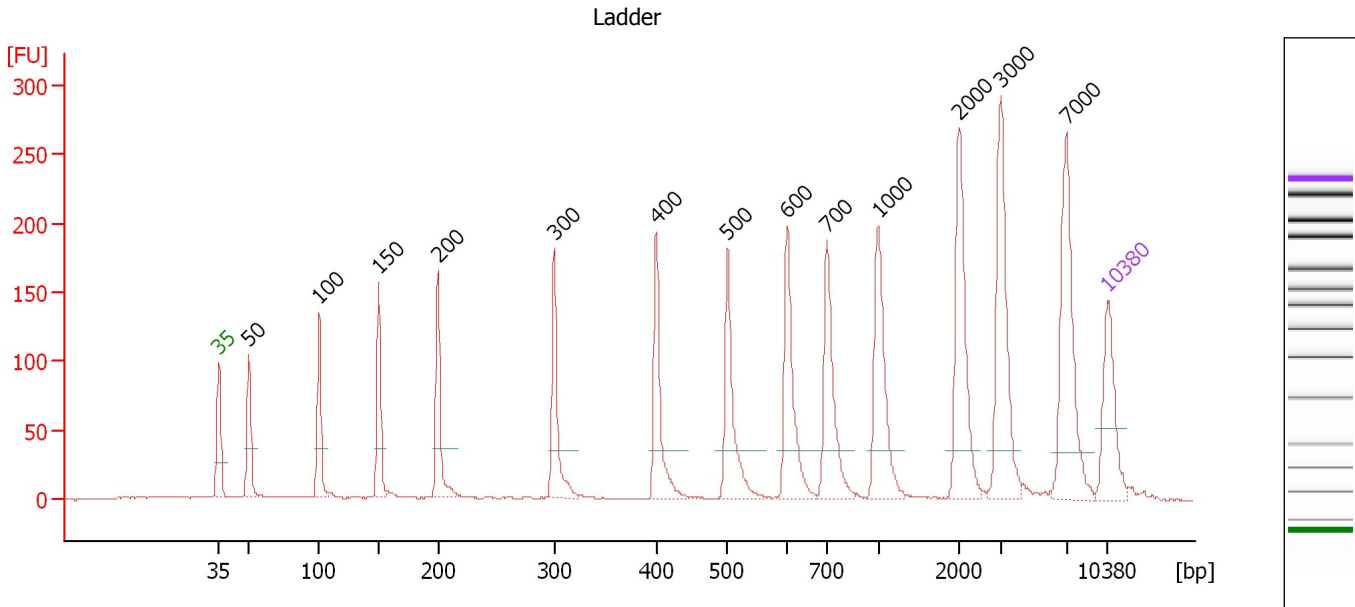
**Reagent Kit Lot #**

**Chip Comments :**

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-08\2018-03-08\_002.xad

Created: 3/8/2018 1:38:45 PM  
 Modified: 3/8/2018 2:20:10 PM

**Electropherogram Summary**



**Overall Results for Ladder**

Noise: 0.5

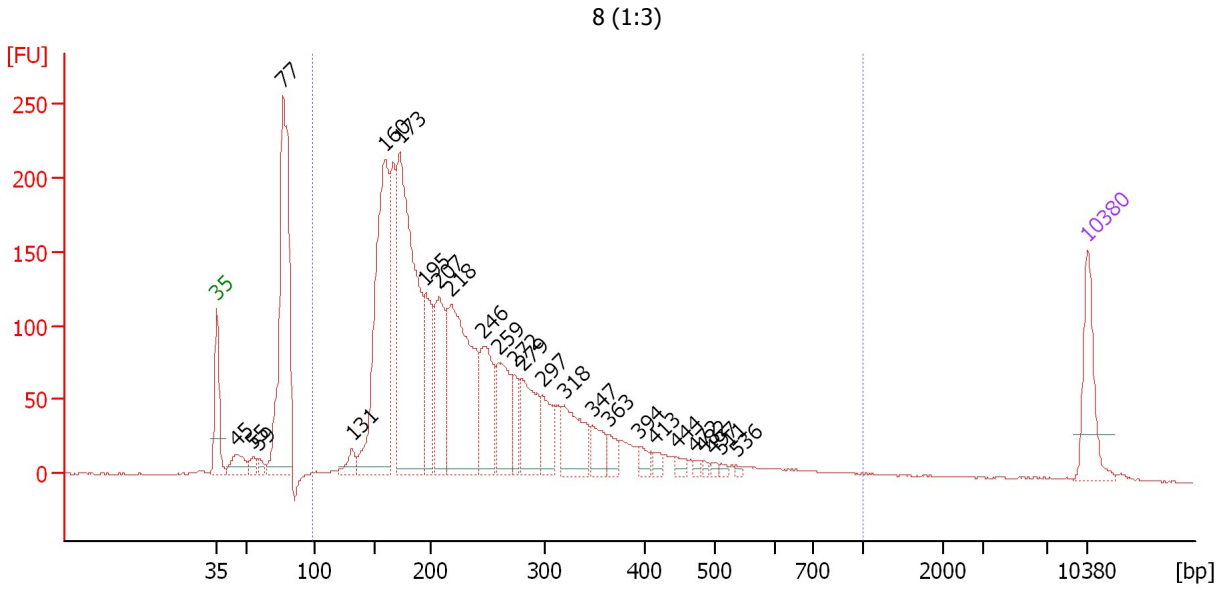
**Peak table for Ladder**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker | 43.00                      |
| 2    | 50        | 150.00        | 4,545.5           | Ladder Peak  | 45.35                      |
| 3    | 100       | 150.00        | 2,272.7           | Ladder Peak  | 50.90                      |
| 4    | 150       | 150.00        | 1,515.2           | Ladder Peak  | 55.61                      |
| 5    | 200       | 150.00        | 1,136.4           | Ladder Peak  | 60.23                      |
| 6    | 300       | 150.00        | 757.6             | Ladder Peak  | 69.43                      |
| 7    | 400       | 150.00        | 568.2             | Ladder Peak  | 77.45                      |
| 8    | 500       | 150.00        | 454.5             | Ladder Peak  | 83.08                      |
| 9    | 600       | 150.00        | 378.8             | Ladder Peak  | 87.79                      |
| 10   | 700       | 150.00        | 324.7             | Ladder Peak  | 90.90                      |
| 11   | 1,000     | 150.00        | 227.3             | Ladder Peak  | 94.93                      |
| 12   | 2,000     | 150.00        | 113.6             | Ladder Peak  | 101.32                     |
| 13   | 3,000     | 150.00        | 75.8              | Ladder Peak  | 104.60                     |
| 14   | 7,000     | 150.00        | 32.5              | Ladder Peak  | 109.81                     |
| 15   | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-08\2018-03-08\_002.xad

Created: 3/8/2018 1:38:45 PM  
 Modified: 3/8/2018 2:20:10 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 1 : 8 (1:3)**

Number of peaks found: 26                      Corr. Area 1: 3,439.1  
 Noise: 0.3

**Peak table for sample 1 : 8 (1:3)**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker | 43.00                      |
| 2    | 45        | 48.22         | 1,619.7           |              | 44.59                      |
| 3    | 55        | 18.97         | 522.1             |              | 45.91                      |
| 4    | 59        | 13.83         | 355.5             |              | 46.34                      |
| 5    | 77        | 563.90        | 11,138.4          |              | 48.32                      |
| 6    | 131       | 29.14         | 336.2             |              | 53.85                      |
| 7    | 160       | 530.16        | 5,029.5           |              | 56.50                      |
| 8    | 173       | 678.47        | 5,952.6           |              | 57.70                      |
| 9    | 195       | 155.33        | 1,207.2           |              | 59.76                      |
| 10   | 207       | 186.69        | 1,366.2           |              | 60.88                      |
| 11   | 218       | 417.81        | 2,907.1           |              | 61.86                      |
| 12   | 246       | 155.87        | 961.1             |              | 64.43                      |
| 13   | 259       | 133.75        | 783.2             |              | 65.63                      |
| 14   | 272       | 55.36         | 308.1             |              | 66.88                      |
| 15   | 279       | 122.64        | 665.4             |              | 67.52                      |
| 16   | 297       | 74.97         | 382.5             |              | 69.15                      |
| 17   | 318       | 112.07        | 533.3             |              | 70.91                      |
| 18   | 347       | 48.83         | 213.4             |              | 73.18                      |
| 19   | 363       | 26.98         | 112.7             |              | 74.46                      |
| 20   | 394       | 16.81         | 64.7              |              | 76.95                      |
| 21   | 413       | 11.45         | 42.0              |              | 78.19                      |
| 22   | 444       | 12.69         | 43.3              |              | 79.91                      |
| 23   | 472       | 6.94          | 22.3              |              | 81.49                      |
| 24   | 482       | 5.05          | 15.9              |              | 82.09                      |
| 25   | 497       | 5.62          | 17.1              |              | 82.91                      |

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-08\2018-03-08\_002.xad

Created: 3/8/2018 1:38:45 PM  
Modified: 3/8/2018 2:20:10 PM

**Electropherogram Summary Continued ...**

**... Peak table for sample 1 : 8 (1:3)**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 26   | 511       | 4.87          | 14.4              |              | 83.59                      |
| 27   | 536       | 4.13          | 11.7              |              | 84.79                      |
| 28   | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |

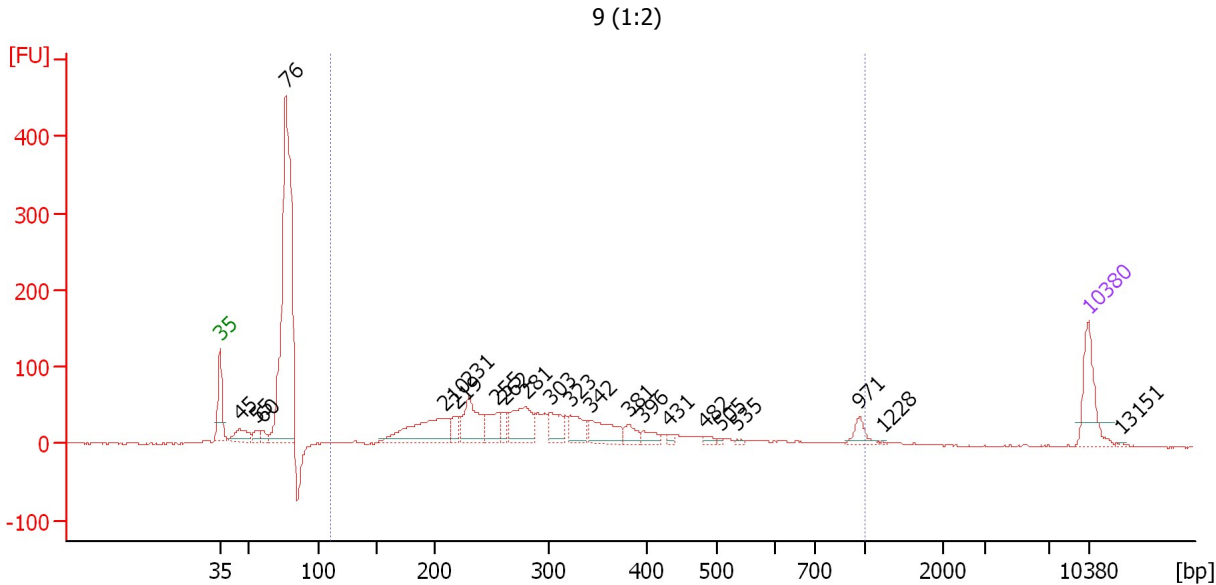
**Region table for sample 1 : 8 (1:3)**

| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Conc. [pg/μl] | Molarity [pmol/l] | Co % of Ior Total | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|---------------|-------------------|-------------------|-----------------------------|
| 98        | 1,000   | 249               | 3,439.1    | 3,185.22      | 23,068.5          | 84                | 44.2                        |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-08\2018-03-08\_002.xad

Created: 3/8/2018 1:38:45 PM  
 Modified: 3/8/2018 2:20:10 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 2 : 9 (1:2)**

Number of peaks found: 22                      Corr. Area 1: 1,345.5  
 Noise: 0.5

**Peak table for sample 2 : 9 (1:2)**


| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker | 43.00                      |
| 2    | 45        | 51.77         | 1,738.2           |              | 44.59                      |
| 3    | 55        | 19.51         | 540.4             |              | 45.88                      |
| 4    | 60        | 17.91         | 454.3             |              | 46.43                      |
| 5    | 76        | 885.27        | 17,561.3          |              | 48.28                      |
| 6    | 210       | 176.52        | 1,275.9           |              | 61.11                      |
| 7    | 219       | 33.57         | 231.8             |              | 62.01                      |
| 8    | 231       | 119.07        | 782.3             |              | 63.04                      |
| 9    | 255       | 66.84         | 397.4             |              | 65.27                      |
| 10   | 262       | 28.91         | 167.0             |              | 65.96                      |
| 11   | 281       | 111.98        | 604.9             |              | 67.64                      |
| 12   | 303       | 56.37         | 281.6             |              | 69.70                      |
| 13   | 323       | 54.16         | 254.0             |              | 71.28                      |
| 14   | 342       | 76.54         | 338.7             |              | 72.83                      |
| 15   | 381       | 28.14         | 111.9             |              | 75.92                      |
| 16   | 396       | 20.90         | 80.0              |              | 77.12                      |
| 17   | 431       | 7.93          | 27.9              |              | 79.18                      |
| 18   | 482       | 9.10          | 28.6              |              | 82.10                      |
| 19   | 505       | 3.65          | 11.0              |              | 83.30                      |
| 20   | 535       | 3.90          | 11.1              |              | 84.72                      |
| 21   | 971       | 26.05         | 40.6              |              | 94.55                      |
| 22   | 1,228     | 1.46          | 1.8               |              | 96.39                      |
| 23   | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |
| 24   | 13,151    | 0.00          | 0.0               |              | 115.62                     |

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-08\2018-03-08\_002.xad

Created: 3/8/2018 1:38:45 PM  
Modified: 3/8/2018 2:20:10 PM

**Electropherogram Summary Continued ...**

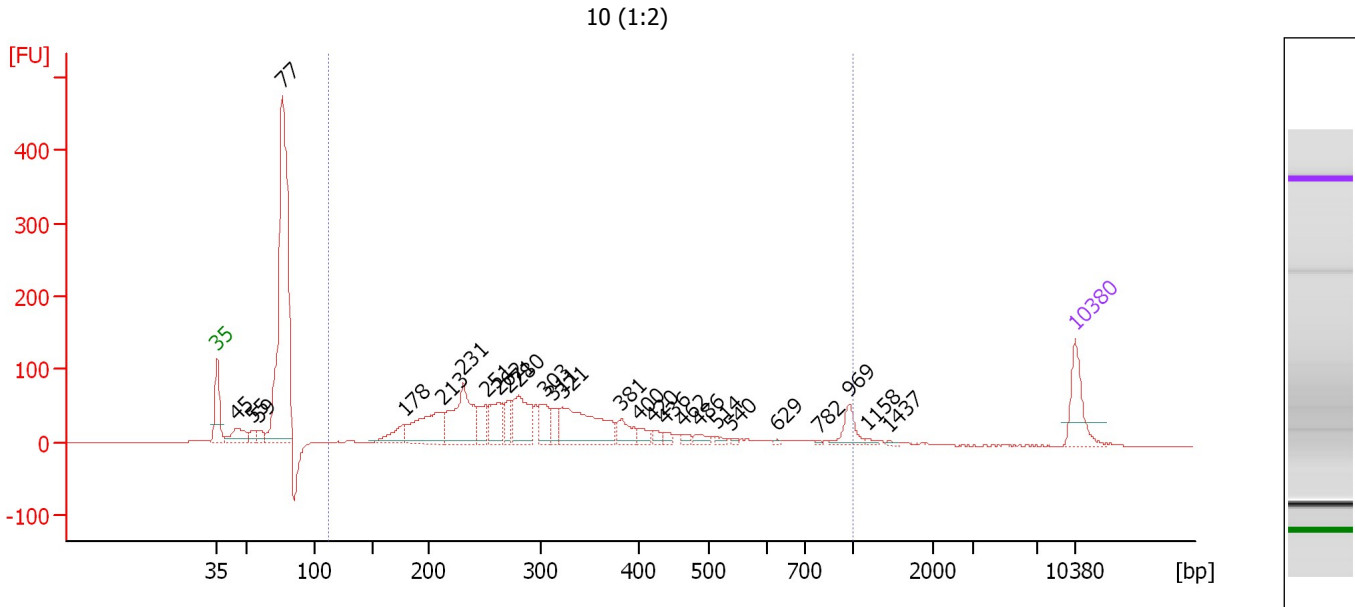
... Region table for sample 2 : 9 (1:2)

| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Conc. [pg/ $\mu$ l] | Molarity [pmol/l] | Co % of lor Total  | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|---------------------|-------------------|--|-----------------------------|
| 110       | 1,000   | 337               | 1,345.5    | 1,060.59            | 5,945.3           |  56 | 49.9                        |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-08\2018-03-08\_002.xad

Created: 3/8/2018 1:38:45 PM  
 Modified: 3/8/2018 2:20:10 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 3 : 10 (1:2)**

Number of peaks found: 27                      Corr. Area 1: 1,656.6  
 Noise: 0.5

**Peak table for sample 3 : 10 (1:2)**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker | 43.00                      |
| 2    | 45        | 77.31         | 2,605.5           |              | 44.56                      |
| 3    | 55        | 28.11         | 768.9             |              | 45.95                      |
| 4    | 59        | 25.71         | 656.8             |              | 46.38                      |
| 5    | 77        | 1,024.57      | 20,184.4          |              | 48.34                      |
| 6    | 178       | 62.94         | 534.5             |              | 58.23                      |
| 7    | 213       | 187.60        | 1,336.0           |              | 61.40                      |
| 8    | 231       | 220.24        | 1,443.7           |              | 63.09                      |
| 9    | 251       | 59.43         | 358.8             |              | 64.92                      |
| 10   | 262       | 87.44         | 505.1             |              | 65.96                      |
| 11   | 271       | 49.15         | 275.0             |              | 66.74                      |
| 12   | 280       | 133.49        | 721.9             |              | 67.61                      |
| 13   | 303       | 73.60         | 368.4             |              | 69.65                      |
| 14   | 311       | 37.94         | 184.9             |              | 70.30                      |
| 15   | 321       | 226.44        | 1,068.5           |              | 71.12                      |
| 16   | 381       | 50.99         | 202.7             |              | 75.94                      |
| 17   | 400       | 23.72         | 89.9              |              | 77.41                      |
| 18   | 420       | 14.95         | 53.9              |              | 78.59                      |
| 19   | 436       | 12.95         | 45.1              |              | 79.45                      |
| 20   | 462       | 12.58         | 41.3              |              | 80.93                      |
| 21   | 486       | 17.04         | 53.2              |              | 82.27                      |
| 22   | 514       | 8.29          | 24.4              |              | 83.75                      |
| 23   | 540       | 4.72          | 13.2              |              | 84.97                      |
| 24   | 629       | 3.66          | 8.8               |              | 88.70                      |
| 25   | 782       | 2.54          | 4.9               |              | 92.00                      |



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-08\2018-03-08\_002.xad

Created: 3/8/2018 1:38:45 PM  
 Modified: 3/8/2018 2:20:10 PM

### Electropherogram Summary Continued ...

#### ... Peak table for sample 3 : 10 (1:2)

| Peak | Size [bp] | Conc. [pg/ $\mu$ l] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------------|-------------------|--------------|----------------------------|
| 26   | 969       | 45.03               | 70.4              |              | 94.51                      |
| 27   | 1,158     | 5.68                | 7.4               |              | 95.94                      |
| 28   | 1,437     | 3.49                | 3.7               |              | 97.72                      |
| 29   | 10,380    | 75.00               | 10.9              | Upper Marker | 113.00                     |

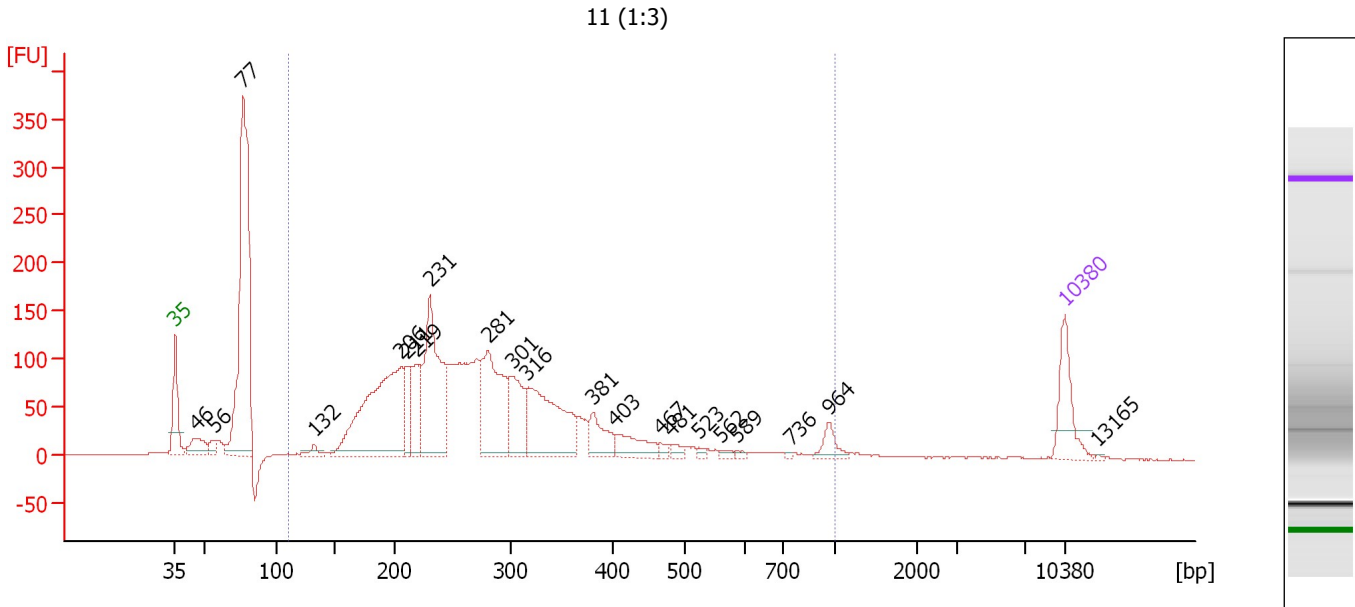
#### Region table for sample 3 : 10 (1:2)

| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Conc. [pg/ $\mu$ l] | Molarity [pmol/l] | Co % of lor Total | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|---------------------|-------------------|-------------------|-----------------------------|
| 112       | 1,000   | 340               | 1,656.6    | 1,431.84            | 7,900.9           | 60                | 50.5                        |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-08\2018-03-08\_002.xad

Created: 3/8/2018 1:38:45 PM  
 Modified: 3/8/2018 2:20:10 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 4 : 11 (1:3)**

Number of peaks found: 21                      Corr. Area 1: 2,793.1  
 Noise: 0.4

**Peak table for sample 4 : 11 (1:3)**


| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker | 43.00                      |
| 2    | 46        | 61.79         | 2,039.5           |              | 44.71                      |
| 3    | 56        | 24.25         | 650.7             |              | 46.07                      |
| 4    | 77        | 740.57        | 14,567.2          |              | 48.35                      |
| 5    | 132       | 18.62         | 213.6             |              | 53.92                      |
| 6    | 206       | 474.05        | 3,481.6           |              | 60.81                      |
| 7    | 211       | 80.25         | 576.1             |              | 61.25                      |
| 8    | 219       | 98.37         | 681.5             |              | 61.95                      |
| 9    | 231       | 331.40        | 2,177.3           |              | 63.04                      |
| 10   | 281       | 260.00        | 1,403.6           |              | 67.65                      |
| 11   | 301       | 128.58        | 647.7             |              | 69.49                      |
| 12   | 316       | 263.59        | 1,263.5           |              | 70.72                      |
| 13   | 381       | 64.84         | 258.2             |              | 75.89                      |
| 14   | 403       | 63.26         | 237.5             |              | 77.65                      |
| 15   | 467       | 8.90          | 28.9              |              | 81.25                      |
| 16   | 481       | 13.93         | 43.9              |              | 81.99                      |
| 17   | 523       | 6.61          | 19.1              |              | 84.18                      |
| 18   | 562       | 6.71          | 18.1              |              | 85.98                      |
| 19   | 589       | 4.91          | 12.7              |              | 87.25                      |
| 20   | 736       | 2.23          | 4.6               |              | 91.38                      |
| 21   | 964       | 29.40         | 46.2              |              | 94.45                      |
| 22   | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |
| 23   | 13,165    | 0.00          | 0.0               |              | 115.63                     |

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-08\2018-03-08\_002.xad

Created: 3/8/2018 1:38:45 PM  
Modified: 3/8/2018 2:20:10 PM

**Electropherogram Summary Continued ...**

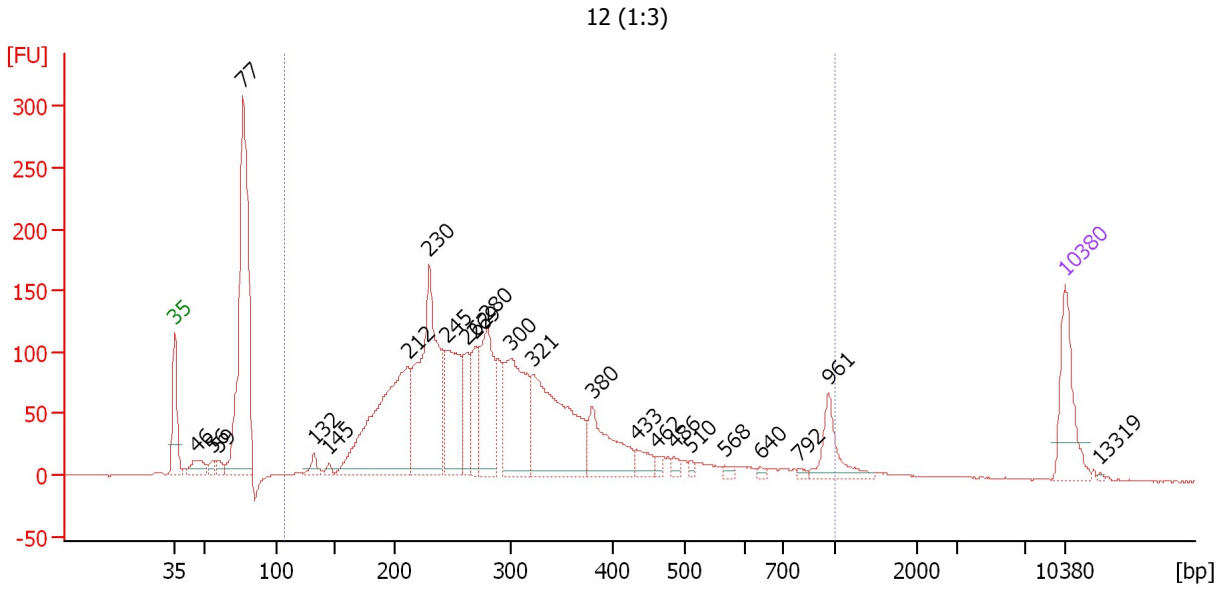
... Region table for sample 4 : 11 (1:3)

| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Conc. [pg/ $\mu$ l] | Molarity [pmol/l] | Co % of lor Total  | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|---------------------|-------------------|--|-----------------------------|
| 111       | 1,000   | 299               | 2,793.1    | 2,306.68            | 13,792.5          |  76 | 44.8                        |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-08\2018-03-08\_002.xad

Created: 3/8/2018 1:38:45 PM  
 Modified: 3/8/2018 2:20:10 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 5 : 12 (1:3)**

Number of peaks found: 24                      Corr. Area 1: 2,926.9  
 Noise: 0.5

**Peak table for sample 5 : 12 (1:3)**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker | 43.00                      |
| 2    | 46        | 33.58         | 1,109.7           |              | 44.70                      |
| 3    | 56        | 12.20         | 330.9             |              | 46.00                      |
| 4    | 59        | 14.07         | 358.5             |              | 46.40                      |
| 5    | 77        | 515.49        | 10,165.4          |              | 48.33                      |
| 6    | 132       | 15.90         | 182.2             |              | 53.93                      |
| 7    | 145       | 7.14          | 74.8              |              | 55.09                      |
| 8    | 212       | 377.29        | 2,698.3           |              | 61.32                      |
| 9    | 230       | 353.99        | 2,328.4           |              | 63.02                      |
| 10   | 245       | 163.14        | 1,009.1           |              | 64.36                      |
| 11   | 262       | 77.40         | 447.6             |              | 65.93                      |
| 12   | 269       | 73.67         | 414.5             |              | 66.60                      |
| 13   | 280       | 165.93        | 897.9             |              | 67.59                      |
| 14   | 300       | 201.50        | 1,016.0           |              | 69.47                      |
| 15   | 321       | 275.28        | 1,298.7           |              | 71.13                      |
| 16   | 380       | 110.67        | 441.6             |              | 75.83                      |
| 17   | 433       | 26.00         | 90.9              |              | 79.32                      |
| 18   | 462       | 8.49          | 27.9              |              | 80.93                      |
| 19   | 486       | 9.61          | 30.0              |              | 82.28                      |
| 20   | 510       | 5.84          | 17.3              |              | 83.58                      |
| 21   | 568       | 5.62          | 15.0              |              | 86.26                      |
| 22   | 640       | 4.46          | 10.5              |              | 89.04                      |
| 23   | 792       | 4.14          | 7.9               |              | 92.13                      |
| 24   | 961       | 55.99         | 88.2              |              | 94.41                      |
| 25   | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-08\2018-03-08\_002.xad

Created: 3/8/2018 1:38:45 PM  
Modified: 3/8/2018 2:20:10 PM

**Electropherogram Summary Continued ...****... Peak table for sample 5 : 12 (1:3)**

| Peak | Size [bp] | Conc. [pg/ $\mu$ l] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------------|-------------------|--------------|----------------------------|
| 26   | 13,319    | 0.00                | 0.0               |              | 115.78                     |

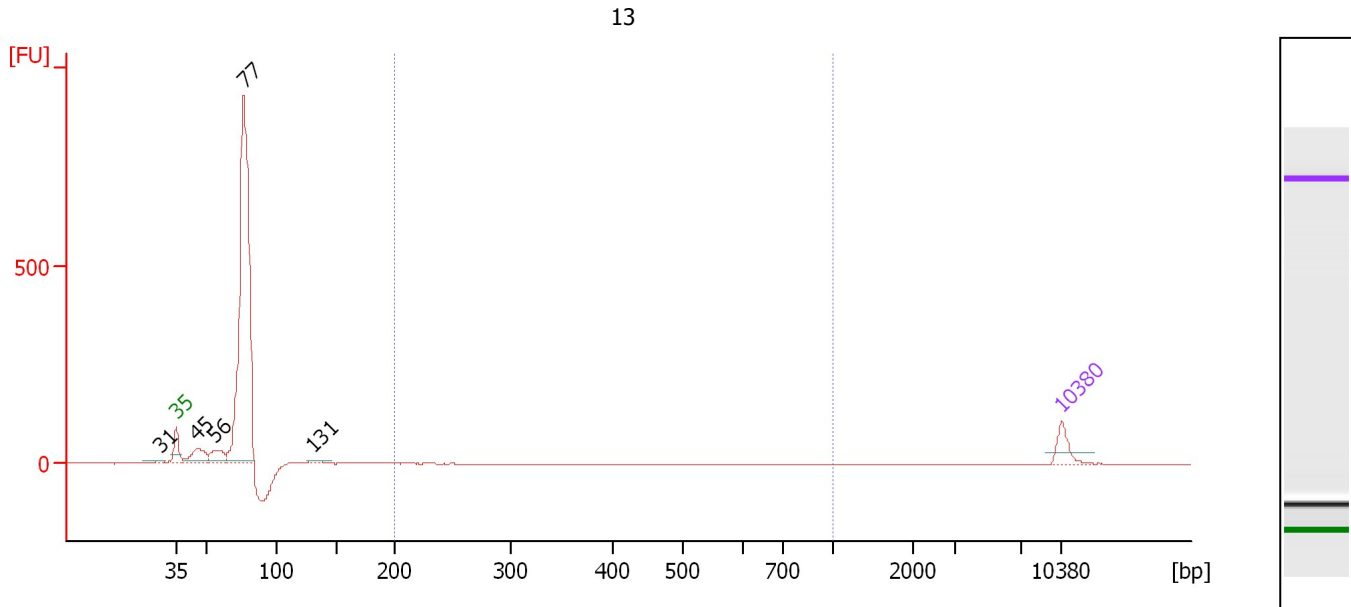
**Region table for sample 5 : 12 (1:3)**

| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Conc. [pg/ $\mu$ l] | Molarity [pmol/l] | Co % of lor Total  | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|---------------------|-------------------|--|-----------------------------|
| 107       | 1,000   | 321               | 2,926.9    | 2,121.19            | 12,183.2          |  80 | 48.9                        |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-08\2018-03-08\_002.xad

Created: 3/8/2018 1:38:45 PM  
 Modified: 3/8/2018 2:20:10 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 6 : 13**

Number of peaks found: 5                      Corr. Area 1: 18.2  
 Noise: 0.4

**Peak table for sample 6 : 13**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 1    | 31        | 0.00          | 0.0               |              | 41.73                      |
| 2    | 35        | 125.00        | 5,411.3           | Lower Marker | 43.00                      |
| 3    | 45        | 177.33        | 5,914.9           |              | 44.64                      |
| 4    | 56        | 137.01        | 3,719.1           |              | 46.00                      |
| 5    | 77        | 2,581.43      | 50,993.5          |              | 48.31                      |
| 6    | 131       | 25.03         | 289.6             |              | 53.81                      |
| 7    | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |

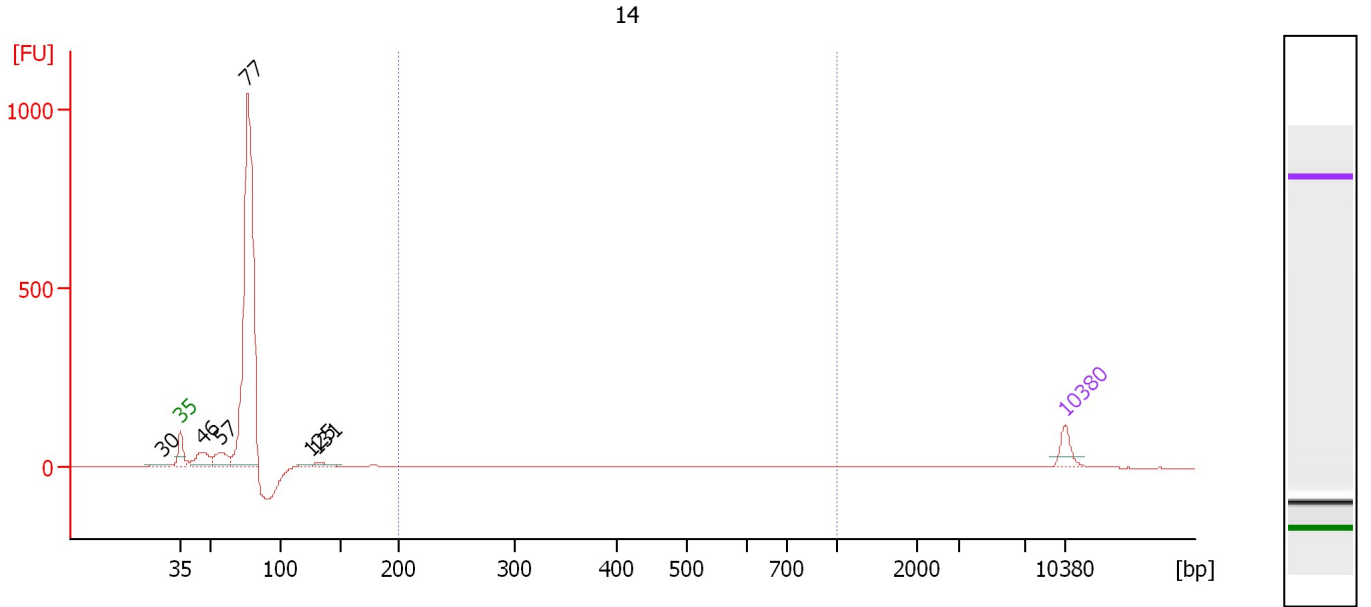
**Region table for sample 6 : 13**

| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Conc. [pg/μl] | Molarity [pmol/l] | Co % of lor Total | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|---------------|-------------------|-------------------|-----------------------------|
| 200       | 1,000   | 299               | 18.2       | 20.74         | 114.8             | 1                 | 28.8                        |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-08\2018-03-08\_002.xad

Created: 3/8/2018 1:38:45 PM  
 Modified: 3/8/2018 2:20:10 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 7 : 14**

Number of peaks found: 6                      Corr. Area 1: 17.5  
 Noise: 0.3

**Peak table for sample 7 : 14**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 1    | 30        | 0.00          | 0.0               |              | 41.62                      |
| 2    | 35        | 125.00        | 5,411.3           | Lower Marker | 43.00                      |
| 3    | 46        | 172.64        | 5,741.2           |              | 44.66                      |
| 4    | 57        | 146.45        | 3,864.6           |              | 46.18                      |
| 5    | 77        | 2,836.51      | 56,178.6          |              | 48.29                      |
| 6    | 125       | 11.42         | 138.4             |              | 53.26                      |
| 7    | 131       | 32.62         | 377.4             |              | 53.82                      |
| 8    | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |

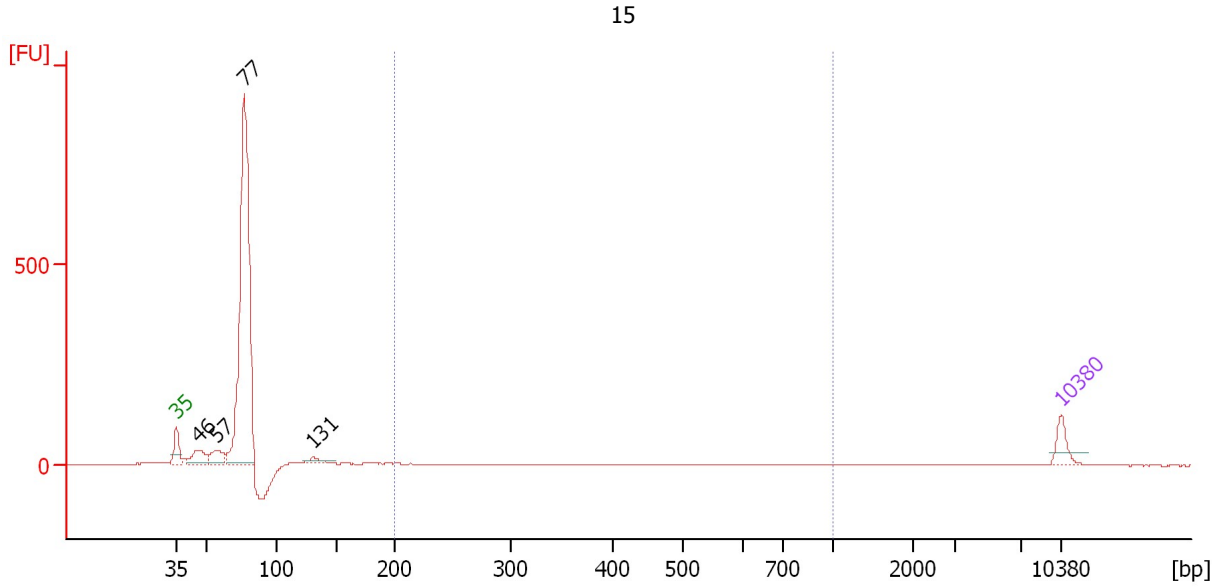
**Region table for sample 7 : 14**

| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Conc. [pg/μl] | Molarity [pmol/l] | Co % of lor Total | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|---------------|-------------------|-------------------|-----------------------------|
| 200       | 1,000   | 279               | 17.5       | 20.50         | 118.3             | 1                 | 25.8                        |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-08\2018-03-08\_002.xad

Created: 3/8/2018 1:38:45 PM  
 Modified: 3/8/2018 2:20:10 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 8 : 15**

Number of peaks found: 4                      Corr. Area 1: 24.4  
 Noise: 0.3

**Peak table for sample 8 : 15**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker | 43.00                      |
| 2    | 46        | 145.88        | 4,808.0           |              | 44.72                      |
| 3    | 57        | 123.72        | 3,295.5           |              | 46.12                      |
| 4    | 77        | 2,423.20      | 47,676.7          |              | 48.35                      |
| 5    | 131       | 51.50         | 596.9             |              | 53.79                      |
| 6    | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |

**Region table for sample 8 : 15**

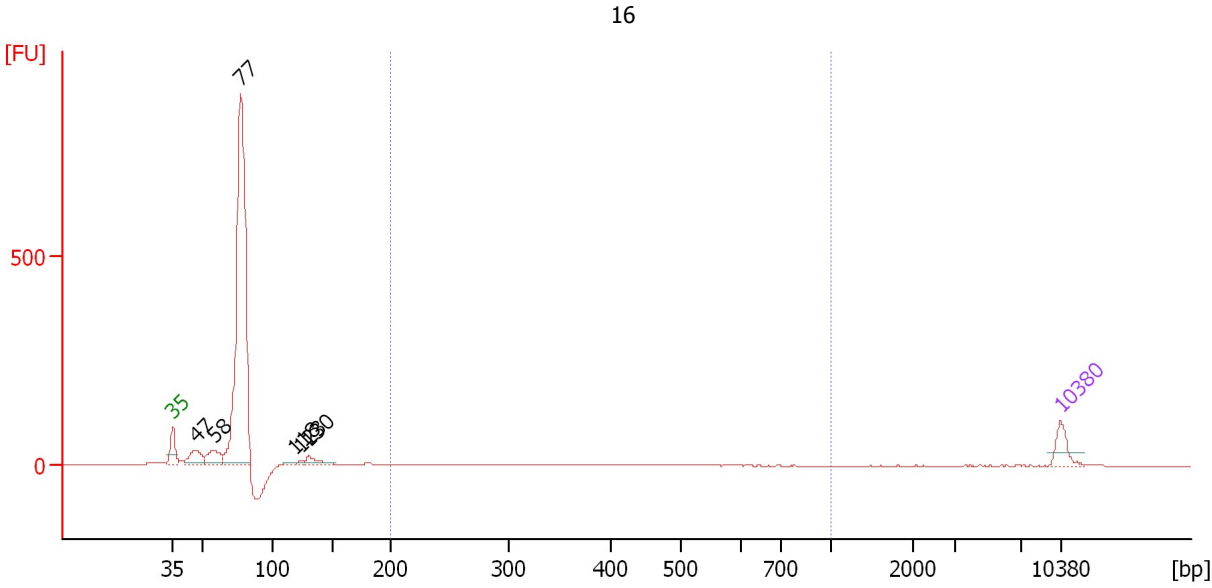
| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Conc. [pg/μl] | Molarity [pmol/l] | Co % of Ior Total | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|---------------|-------------------|-------------------|-----------------------------|
| 200       | 1,000   | 276               | 24.4       | 28.08         | 161.8             | 1                 | 22.0                        |



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-08\2018-03-08\_002.xad

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 Modified: 3/8/2018 2:20:10 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 9 : 16**

Number of peaks found: 6                      Corr. Area 1: 18.0  
 Noise: 0.4

**Peak table for sample 9 : 16**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker | 43.00                      |
| 2    | 47        | 144.11        | 4,686.9           |              | 44.82                      |
| 3    | 58        | 134.68        | 3,531.7           |              | 46.22                      |
| 4    | 77        | 2,485.34      | 49,105.8          |              | 48.31                      |
| 5    | 118       | 11.98         | 153.7             |              | 52.60                      |
| 6    | 123       | 15.74         | 194.6             |              | 53.02                      |
| 7    | 130       | 63.80         | 743.8             |              | 53.72                      |
| 8    | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |

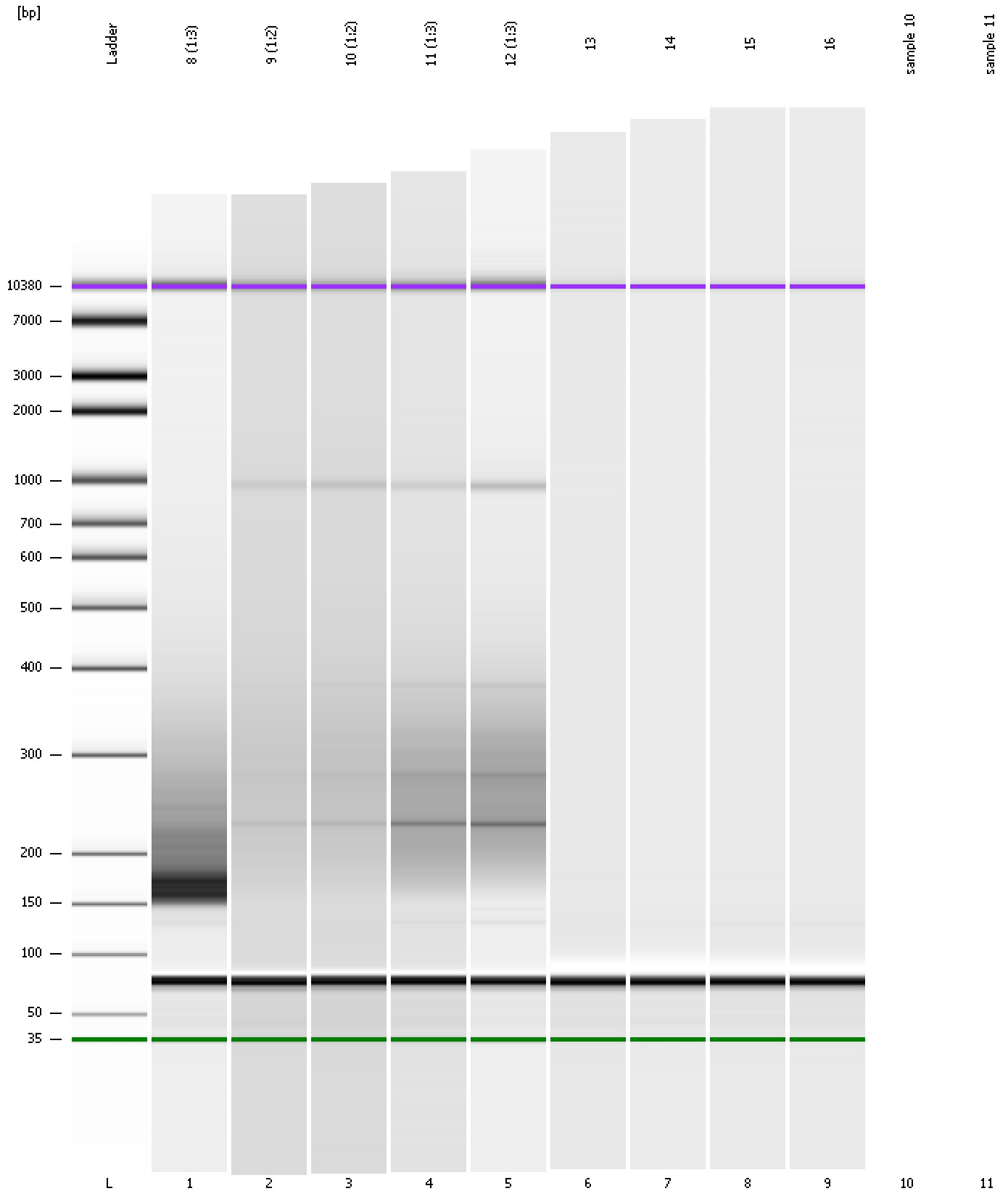
**Region table for sample 9 : 16**

| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Conc. [pg/μl] | Molarity [pmol/l] | Co % of Ior Total | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|---------------|-------------------|-------------------|-----------------------------|
| 200       | 1,000   | 266               | 18.0       | 22.75         | 133.9             | 1                 | 19.1                        |

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-08\2018-03-08\_002.xad

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**Gel Image**



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Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-08\2018-03-08\_002.xad

Created: 3/8/2018 1:38:45 PM  
Modified: 3/8/2018 2:20:10 PM

**Invalid Samples**

Sample 10 has not been run, no results available.

Sample 11 has not been run, no results available.