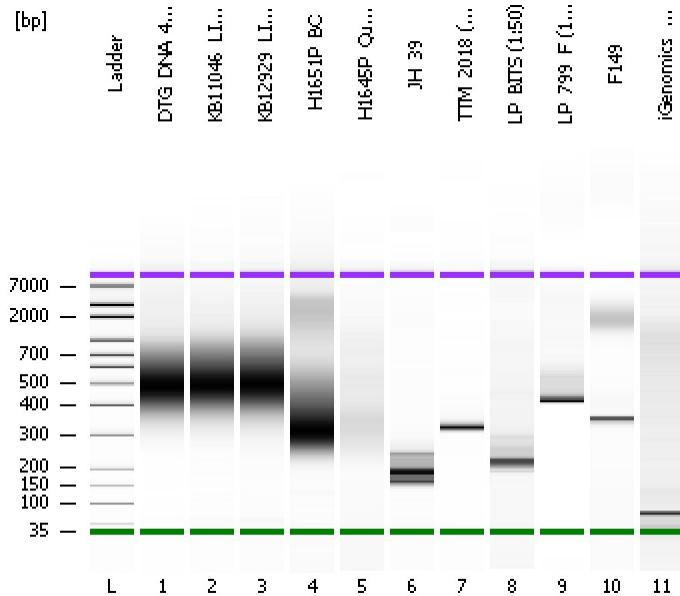


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-12-18\2018-12-18\_001.xad

Created: 12/18/2018 12:21:27 PM  
Modified: 12/18/2018 1:11:40 PM

**Electrophoresis File Run Summary**



Instrument Information:

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

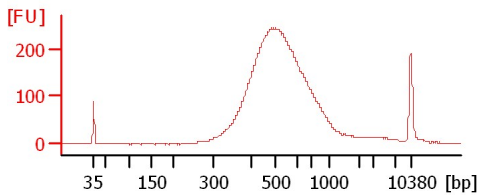
Assay Information:

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

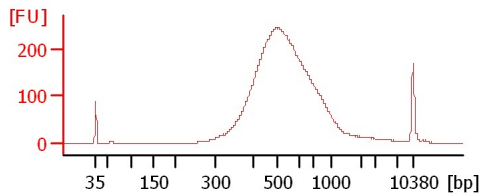
Chip Information:

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

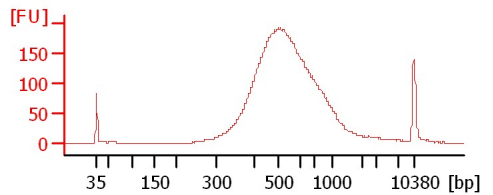
**DTG\_DNA\_449\_LIB (1:10)**



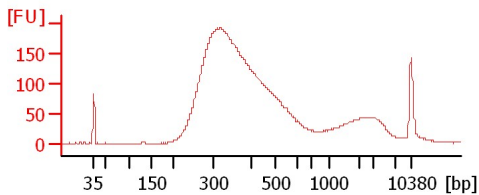
**KB11046\_LIB (1:10)**



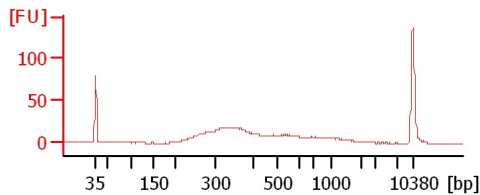
**KB12929\_LIB (1:10)**



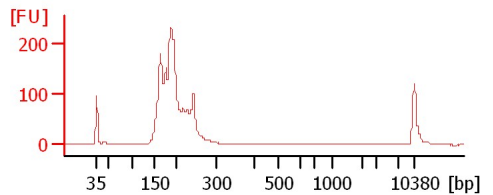
**H1651P\_BC**



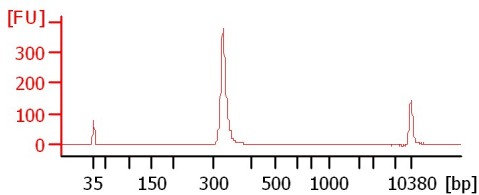
**H1645P\_Questa\_BC**



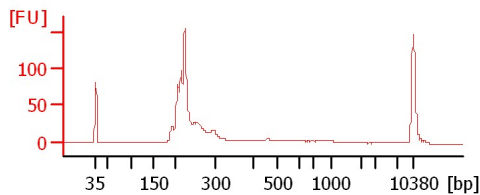
**JH\_39**



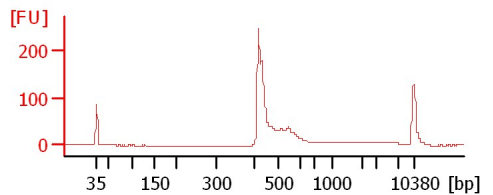
**TTM\_2018 (1:20)**



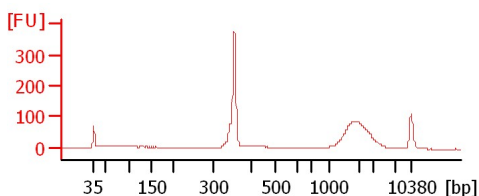
**LP\_BITS (1:50)**



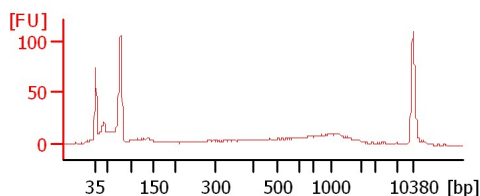
**LP\_799\_F (1:100)**



**F149**



**iGenomics\_Deer\_PCR**



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-12-18\2018-12-18\_001.xad

Created: 12/18/2018 12:21:27 PM  
 Modified: 12/18/2018 1:11:40 PM

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

| Sample Name            | Sample Comment | Rest. Digest             | Status | Observation | Result Label | Result Color |
|------------------------|----------------|--------------------------|--------|-------------|--------------|--------------|
| DTG_DNA_449_LIB (1:10) |                | <input type="checkbox"/> | ✓      |             |              |              |
| KB11046_LIB (1:10)     |                | <input type="checkbox"/> | ✓      |             |              |              |
| KB12929_LIB (1:10)     |                | <input type="checkbox"/> | ✓      |             |              |              |
| H1651P_BC              |                | <input type="checkbox"/> | ✓      |             |              |              |
| H1645P_Questa_BC       |                | <input type="checkbox"/> | ✓      |             |              |              |
| JH_39                  |                | <input type="checkbox"/> | ✓      |             |              |              |
| TTM_2018 (1:20)        |                | <input type="checkbox"/> | ✓      |             |              |              |
| LP_BITS (1:50)         |                | <input type="checkbox"/> | ✓      |             |              |              |
| LP_799_F (1:100)       |                | <input type="checkbox"/> | ✓      |             |              |              |
| F149                   |                | <input type="checkbox"/> | ✓      |             |              |              |
| iGenomics_Deer_PCR     |                | <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\2018-12-18\2018-12-18\_001.xad

Created: 12/18/2018 12:21:27 PM  
Modified: 12/18/2018 1:11:40 PM

**Electrophoresis Assay Details**

**General Analysis Settings**

Number of Available Sample and Ladder Wells (Max.) : 12  
Minimum Visible Range [s] : 32  
Maximum Visible Range [s] : 138  
Start Analysis Time Range [s] : 33  
End Analysis Time Range [s] : 137.5  
Ladder Concentration [pg/μl] : 1950  
Uses Standard Area for Ladder Fragments  
Lower Marker Concentration [pg/μl] : 125  
Upper Marker Concentration [pg/μl] : 75  
Used Upper Marker for Quantitation  
Standard Curve Fit is Point to Point  
Show Data Aligned to Lower and Upper Marker

**Integrator Settings**

Integration Start Time [s] : 33.05  
Integration End Time [s] : 137  
Slope Threshold : 0.8  
Height Threshold [FU] : 5  
Area Threshold : 0.1  
Width Threshold [s] : 0.6  
Baseline Plateau [s] : 0.5

**Filter Settings**

Filter Width [s] : 0.5  
Polynomial Order : 4

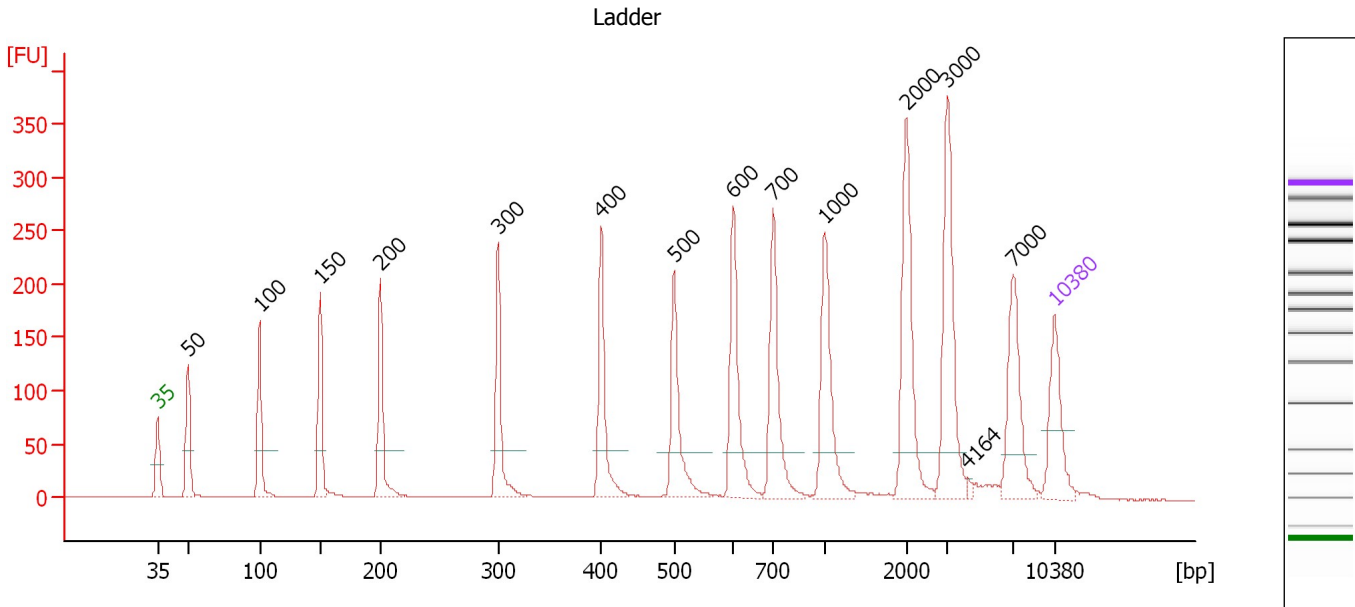
**Ladder**

| Ladder Peak | Size  | Area |
|-------------|-------|------|
| 1           | 35    | 160  |
| 2           | 50    | 210  |
| 3           | 100   | 208  |
| 4           | 150   | 221  |
| 5           | 200   | 242  |
| 6           | 300   | 270  |
| 7           | 400   | 305  |
| 8           | 500   | 306  |
| 9           | 600   | 336  |
| 10          | 700   | 321  |
| 11          | 1000  | 366  |
| 12          | 2000  | 413  |
| 13          | 3000  | 411  |
| 14          | 7000  | 400  |
| 15          | 10380 | 214  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-12-18\2018-12-18\_001.xad

Created: 12/18/2018 12:21:27 PM  
 Modified: 12/18/2018 1:11:40 PM

**Electropherogram Summary**



**Overall Results for Ladder**

Noise: 0.2

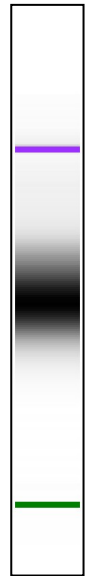
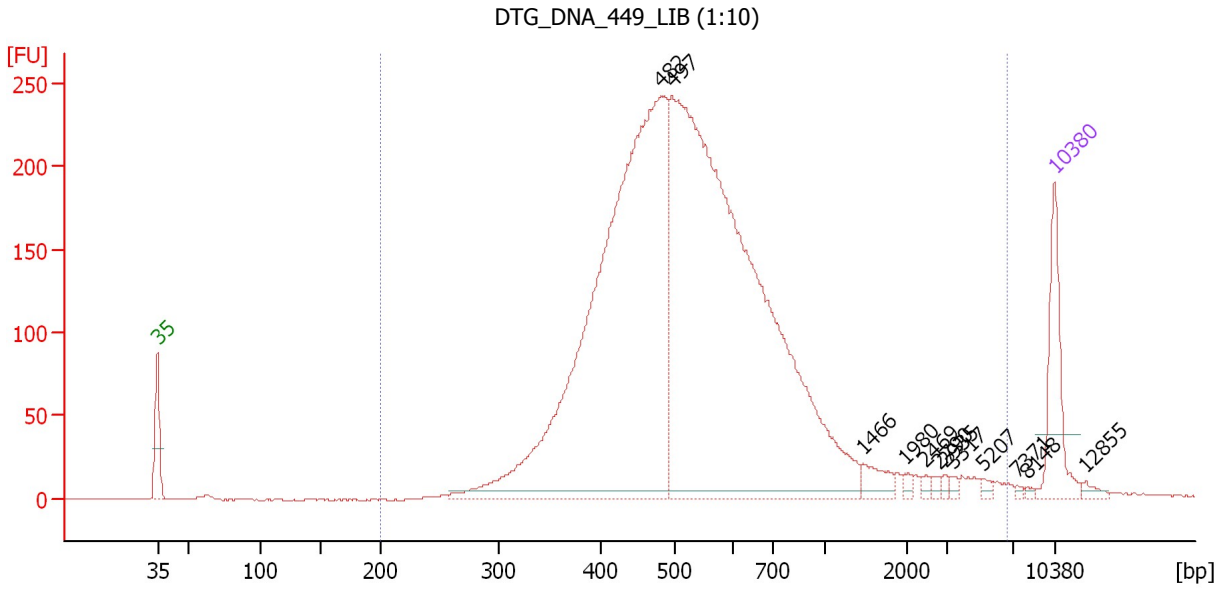
**Peak table for Ladder**

| 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  | 45.39                      |
| 3    | 100       | 150.00        | 2,272.7           | Ladder Peak  | 50.97                      |
| 4    | 150       | 150.00        | 1,515.2           | Ladder Peak  | 55.71                      |
| 5    | 200       | 150.00        | 1,136.4           | Ladder Peak  | 60.41                      |
| 6    | 300       | 150.00        | 757.6             | Ladder Peak  | 69.57                      |
| 7    | 400       | 150.00        | 568.2             | Ladder Peak  | 77.63                      |
| 8    | 500       | 150.00        | 454.5             | Ladder Peak  | 83.30                      |
| 9    | 600       | 150.00        | 378.8             | Ladder Peak  | 87.95                      |
| 10   | 700       | 150.00        | 324.7             | Ladder Peak  | 91.03                      |
| 11   | 1,000     | 150.00        | 227.3             | Ladder Peak  | 95.04                      |
| 12   | 2,000     | 150.00        | 113.6             | Ladder Peak  | 101.44                     |
| 13   | 3,000     | 150.00        | 75.8              | Ladder Peak  | 104.66                     |
| 14   | 4,164     | 0.00          | 0.0               |              | 106.14                     |
| 15   | 7,000     | 150.00        | 32.5              | Ladder Peak  | 109.73                     |
| 16   | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-12-18\2018-12-18\_001.xad

Created: 12/18/2018 12:21:27 PM
Modified: 12/18/2018 1:11:40 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : DTG DNA 449 LIB (1:10)

Number of peaks found: 12
Noise: 0.3
Corr. Area 1: 4,435.8

Peak table for sample 1 : DTG DNA 449 LIB (1:10)

Table with 6 columns: Peak, Size [bp], Conc. [pg/μl], Molarity [pmol/l], Observations, Aligned Migration Time [s]. It lists 14 peaks with their respective sizes, concentrations, and migration times.

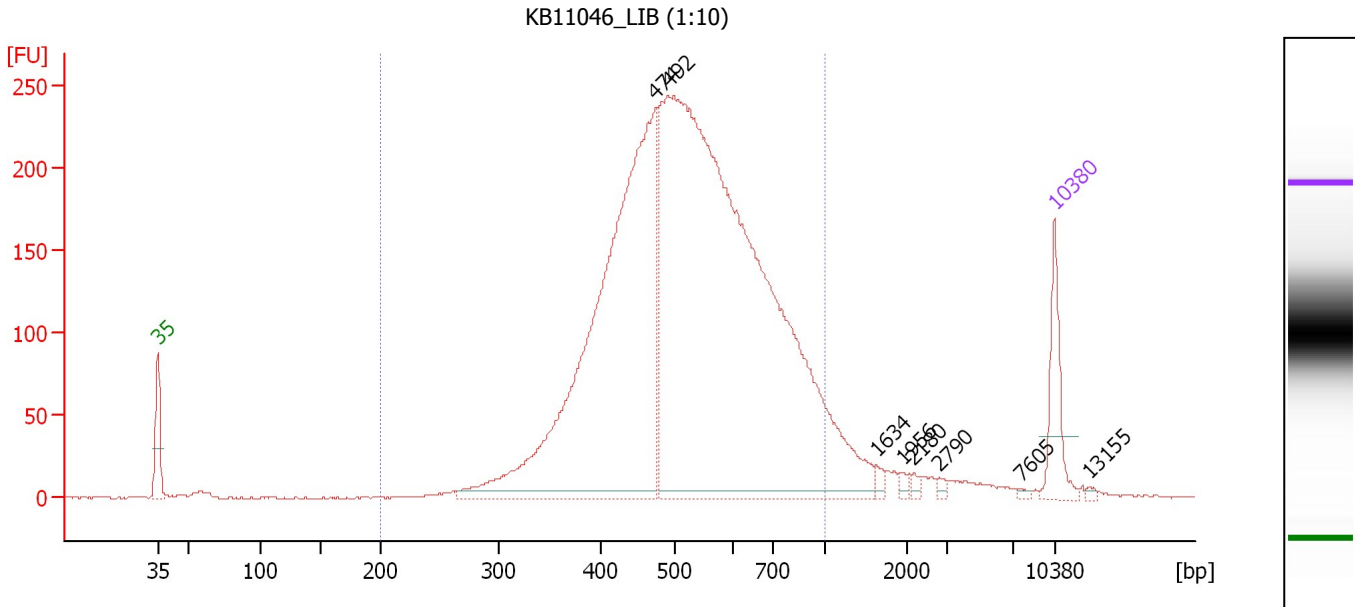
Region table for sample 1 : DTG DNA 449 LIB (1:10)

Table with 8 columns: From [bp], To [bp], Average Size [bp], Conc. [pg/μl], Corr. Area, Molarity [pmol/l], Co % of lor Total, Size distribution in CV [%]. It shows a region from 200 to 6,602 bp with an average size of 654 bp.

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-12-18\2018-12-18\_001.xad

Created: 12/18/2018 12:21:27 PM  
 Modified: 12/18/2018 1:11:40 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 2 : KB11046\_LIB (1:10)**

Number of peaks found: 8                      Corr. Area 1: 4,179.0  
 Noise: 0.5

**Peak table for sample 2 : KB11046\_LIB (1:10)**

| 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    | 474       | 1,262.43      | 4,033.5           |              | 81.84                      |
| 3    | 492       | 2,236.08      | 6,886.3           |              | 82.84                      |
| 4    | 1,634     | 9.77          | 9.1               |              | 99.10                      |
| 5    | 1,956     | 7.66          | 5.9               |              | 101.16                     |
| 6    | 2,180     | 7.02          | 4.9               |              | 102.02                     |
| 7    | 2,790     | 6.23          | 3.4               |              | 103.99                     |
| 8    | 7,605     | 3.75          | 0.7               |              | 110.32                     |
| 9    | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |
| 10   | 13,155    | 0.00          | 0.0               |              | 115.68                     |

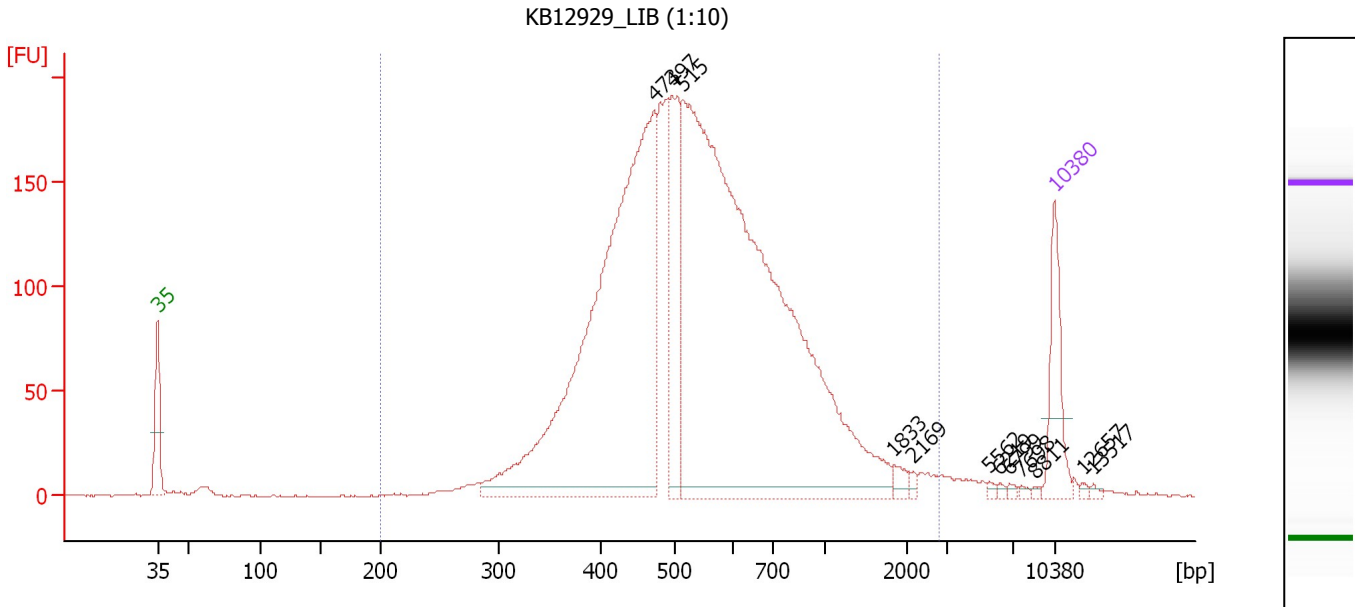
**Region table for sample 2 : KB11046\_LIB (1:10)**

| From [bp] | To [bp] | Average Size [bp] | Conc. [pg/μl] | Corr. Area | Molarity [pmol/l] | Co % of lor Total | Size distribution in CV [%] |
|-----------|---------|-------------------|---------------|------------|-------------------|-------------------|-----------------------------|
| 200       | 1,000   | 536               | 3,277.00      | 4,179.0    | 10,045.7          | 92                | 25.5                        |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-12-18\2018-12-18\_001.xad

Created: 12/18/2018 12:21:27 PM  
 Modified: 12/18/2018 1:11:40 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 3 : KB12929 LIB (1:10)**

Number of peaks found: 12                      Corr. Area 1: 3,615.7  
 Noise: 0.6

**Peak table for sample 3 : KB12929 LIB (1:10)**

| 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    | 473       | 1,091.75      | 3,496.8           |              | 81.77                      |
| 3    | 497       | 208.33        | 634.8             |              | 83.14                      |
| 4    | 515       | 1,615.74      | 4,757.9           |              | 83.97                      |
| 5    | 1,833     | 12.81         | 10.6              |              | 100.37                     |
| 6    | 2,169     | 5.13          | 3.6               |              | 101.99                     |
| 7    | 5,562     | 3.52          | 1.0               |              | 107.91                     |
| 8    | 6,219     | 3.14          | 0.8               |              | 108.74                     |
| 9    | 6,799     | 3.66          | 0.8               |              | 109.48                     |
| 10   | 7,698     | 3.53          | 0.7               |              | 110.41                     |
| 11   | 8,811     | 2.72          | 0.5               |              | 111.48                     |
| 12   | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |
| 13   | 12,657    | 0.00          | 0.0               |              | 115.20                     |
| 14   | 13,517    | 0.00          | 0.0               |              | 116.03                     |

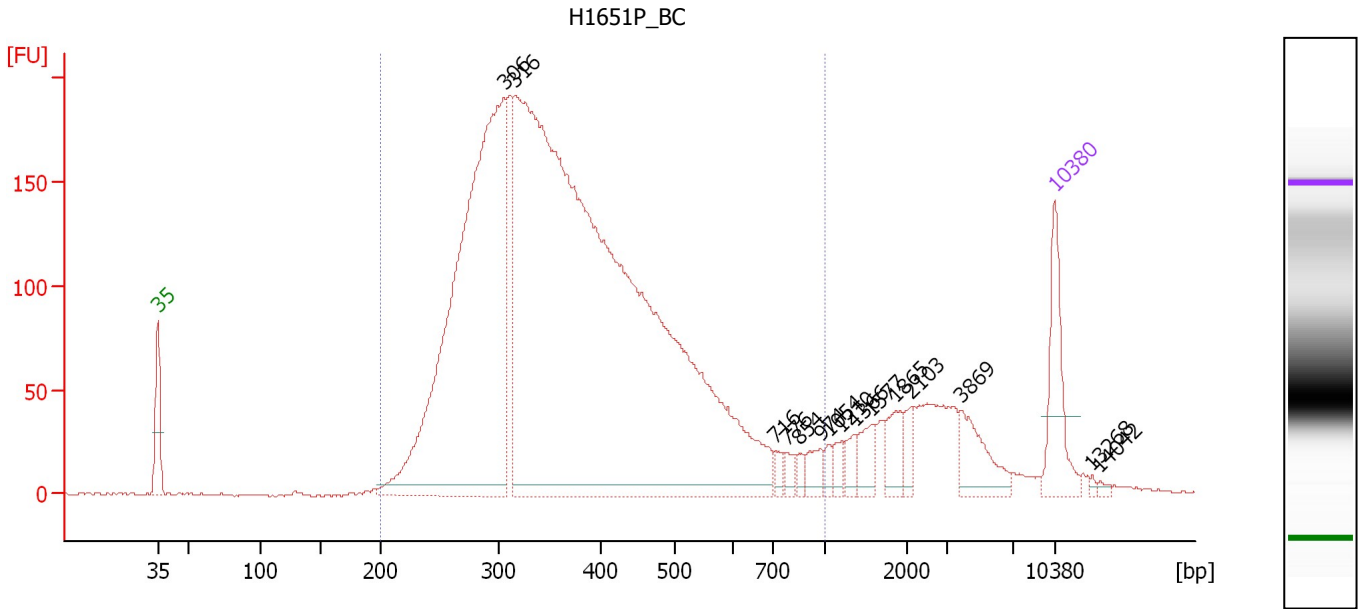
**Region table for sample 3 : KB12929 LIB (1:10)**

| From [bp] | To [bp] | Average Size [bp] | Conc. [pg/μl] | Corr. Area | Molarity [pmol/l] | Co % of lor Total | Size distribution in CV [%] |
|-----------|---------|-------------------|---------------|------------|-------------------|-------------------|-----------------------------|
| 200       | 2,791   | 607               | 3,047.85      | 3,615.7    | 9,057.1           | 96                | 51.0                        |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-12-18\2018-12-18\_001.xad

Created: 12/18/2018 12:21:27 PM  
 Modified: 12/18/2018 1:11:40 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 4 : H1651P BC**

Number of peaks found: 15                      Corr. Area 1: 4,182.4  
 Noise: 0.6

**Peak table for sample 4 : H1651P BC**

| 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    | 306       | 1,055.84      | 5,230.9           |              | 70.04                      |
| 3    | 316       | 2,452.81      | 11,747.6          |              | 70.89                      |
| 4    | 716       | 11.10         | 23.5              |              | 91.25                      |
| 5    | 776       | 12.48         | 24.4              |              | 92.04                      |
| 6    | 854       | 10.46         | 18.5              |              | 93.09                      |
| 7    | 974       | 20.08         | 31.2              |              | 94.69                      |
| 8    | 1,054     | 10.48         | 15.1              |              | 95.39                      |
| 9    | 1,210     | 14.94         | 18.7              |              | 96.39                      |
| 10   | 1,366     | 16.98         | 18.8              |              | 97.38                      |
| 11   | 1,577     | 28.57         | 27.5              |              | 98.73                      |
| 12   | 1,865     | 32.71         | 26.6              |              | 100.58                     |
| 13   | 2,103     | 18.79         | 13.5              |              | 101.77                     |
| 14   | 3,869     | 54.34         | 21.3              |              | 105.77                     |
| 15   | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |
| 16   | 13,268    | 0.00          | 0.0               |              | 115.79                     |
| 17   | 14,042    | 0.00          | 0.0               |              | 116.54                     |

**Region table for sample 4 : H1651P BC**

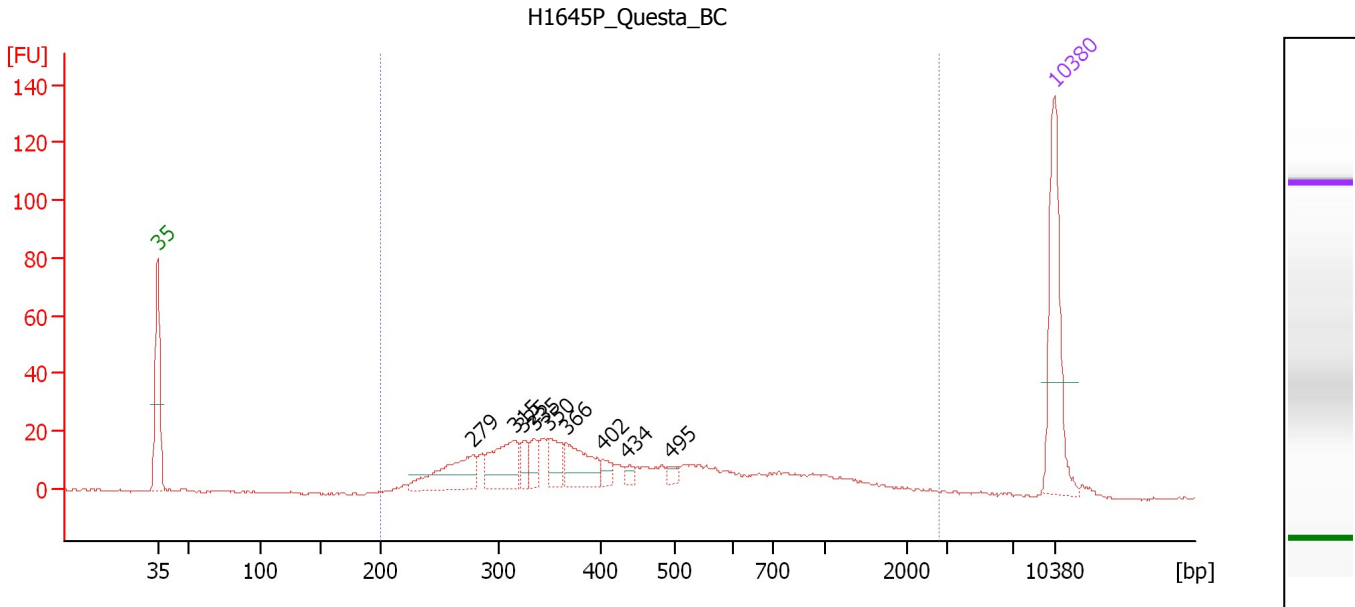
| From [bp] | To [bp] | Average Size [bp] | Conc. [pg/μl] | Corr. Area | Molarity [pmol/l] | Co % of Ior Total | Size distribution in CV [%] |
|-----------|---------|-------------------|---------------|------------|-------------------|-------------------|-----------------------------|
| 200       | 1,000   | 387               | 3,403.90      | 4,182.4    | 14,868.8          | 87                | 32.3                        |



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-12-18\2018-12-18\_001.xad

Created: 12/18/2018 12:21:27 PM  
 Modified: 12/18/2018 1:11:40 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 5 : H1645P\_Questa\_BC**

Number of peaks found: 9                      Corr. Area 1: 475.0  
 Noise: 0.3

**Peak table for sample 5 : H1645P\_Questa\_BC**

| 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    | 279       | 61.04         | 331.4             |              | 67.65                      |
| 3    | 315       | 54.52         | 262.1             |              | 70.80                      |
| 4    | 325       | 14.29         | 66.7              |              | 71.56                      |
| 5    | 335       | 14.27         | 64.6              |              | 72.37                      |
| 6    | 350       | 22.67         | 98.2              |              | 73.59                      |
| 7    | 366       | 42.11         | 174.5             |              | 74.86                      |
| 8    | 402       | 8.78          | 33.1              |              | 77.75                      |
| 9    | 434       | 5.09          | 17.7              |              | 79.57                      |
| 10   | 495       | 5.62          | 17.2              |              | 83.02                      |
| 11   | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |

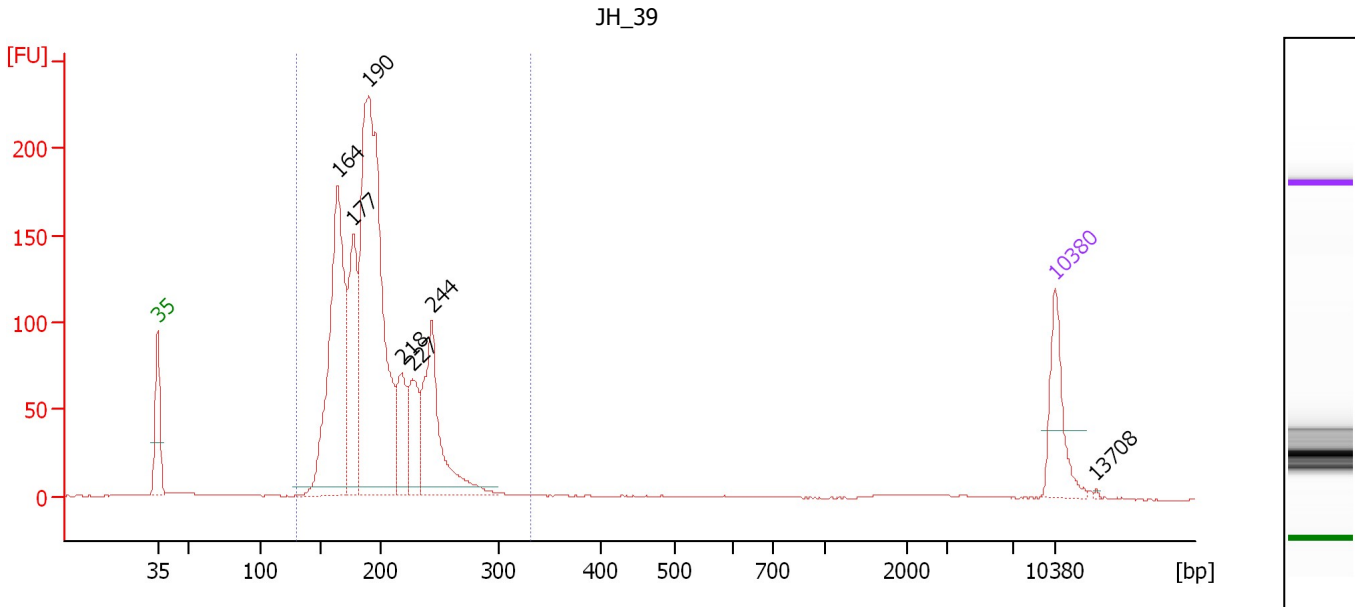
**Region table for sample 5 : H1645P\_Questa\_BC**

| From [bp] | To [bp] | Average Size [bp] | Conc. [pg/μl] | Corr. Area | Molarity [pmol/l] | Co % of Ior Total | Size distribution in CV [%] |
|-----------|---------|-------------------|---------------|------------|-------------------|-------------------|-----------------------------|
| 200       | 2,766   | 524               | 429.18        | 475.0      | 1,709.0           | 98                | 70.0                        |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-12-18\2018-12-18\_001.xad

Created: 12/18/2018 12:21:27 PM  
 Modified: 12/18/2018 1:11:40 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 6 : JH\_39**

Number of peaks found: 7                      Corr. Area 1: 1,830.9  
 Noise: 0.2

**Peak table for sample 6 : JH\_39**

| 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    | 164       | 502.36        | 4,627.0           |              | 57.07                      |
| 3    | 177       | 218.50        | 1,868.2           |              | 58.27                      |
| 4    | 190       | 812.85        | 6,484.6           |              | 59.46                      |
| 5    | 218       | 105.47        | 733.1             |              | 62.06                      |
| 6    | 227       | 99.85         | 666.3             |              | 62.89                      |
| 7    | 244       | 238.03        | 1,481.1           |              | 64.39                      |
| 8    | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |
| 9    | 13,708    | 0.00          | 0.0               |              | 116.22                     |

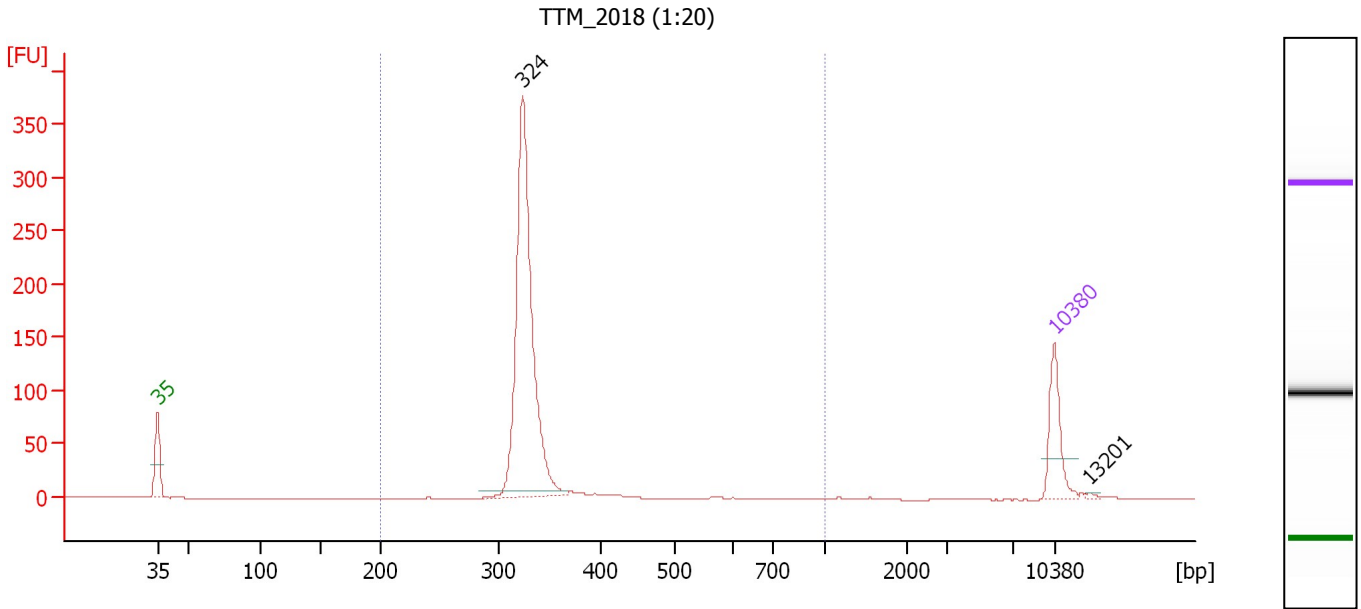
**Region table for sample 6 : JH\_39**

| From [bp] | To [bp] | Average Size [bp] | Conc. [pg/μl] | Corr. Area | Molarity [pmol/l] | Co % of Ior Total | Size distribution in CV [%] |
|-----------|---------|-------------------|---------------|------------|-------------------|-------------------|-----------------------------|
| 130       | 331     | 197               | 2,012.70      | 1,830.9    | 15,896.0          | 95                | 15.3                        |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-12-18\2018-12-18\_001.xad

Created: 12/18/2018 12:21:27 PM  
 Modified: 12/18/2018 1:11:40 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 7 : TTM\_2018 (1:20)**

Number of peaks found: 2                      Corr. Area 1: 770.5  
 Noise: 0.2

**Peak table for sample 7 : TTM\_2018 (1:20)**

| 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    | 324       | 679.61        | 3,179.8           |              | 71.49                      |
| 3    | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |
| 4    | 13,201    | 0.00          | 0.0               |              | 115.73                     |

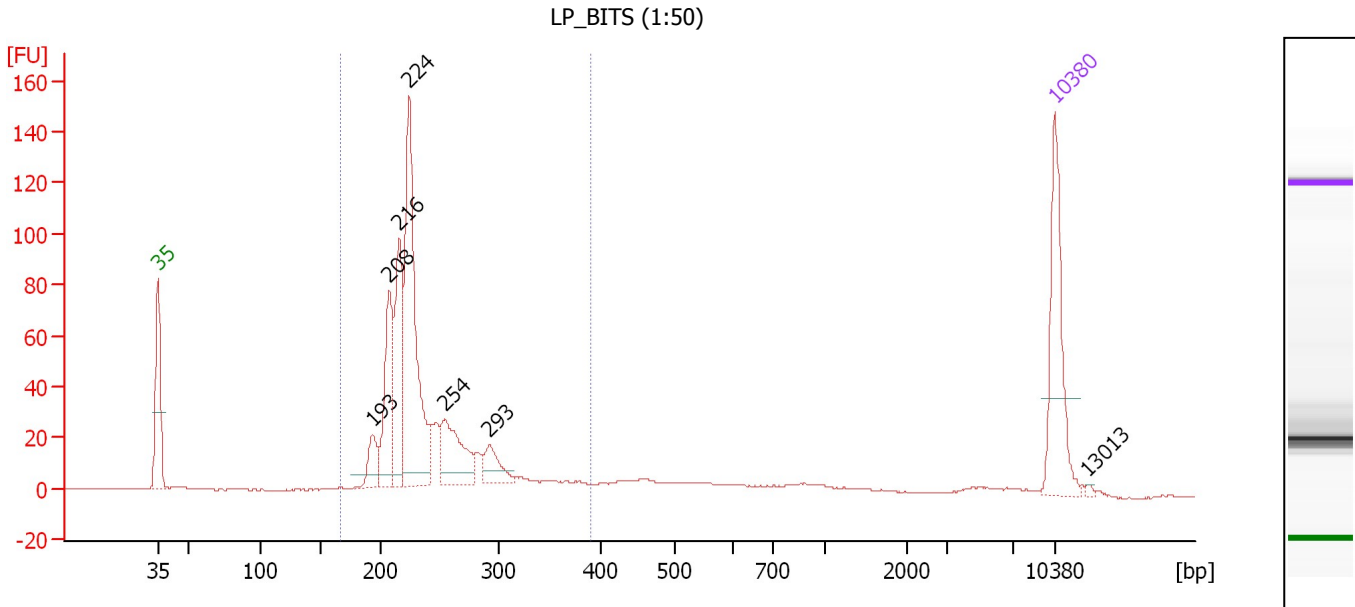
**Region table for sample 7 : TTM\_2018 (1:20)**

| From [bp] | To [bp] | Average Size [bp] | Conc. [pg/μl] | Corr. Area | Molarity [pmol/l] | Co % of lor Total | Size distribution in CV [%] |
|-----------|---------|-------------------|---------------|------------|-------------------|-------------------|-----------------------------|
| 200       | 1,000   | 330               | 708.41        | 770.5      | 3,260.5           | 98                | 6.3                         |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-12-18\2018-12-18\_001.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 8 : LP\_BITS (1:50)**

Number of peaks found: 7                      Corr. Area 1: 685.4  
 Noise: 0.2

**Peak table for sample 8 : LP\_BITS (1:50)**

| 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    | 193       | 30.67         | 240.5             |              | 59.77                      |
| 3    | 208       | 91.05         | 664.8             |              | 61.10                      |
| 4    | 216       | 98.95         | 695.3             |              | 61.84                      |
| 5    | 224       | 232.64        | 1,571.4           |              | 62.64                      |
| 6    | 254       | 68.87         | 410.1             |              | 65.40                      |
| 7    | 293       | 27.36         | 141.6             |              | 68.90                      |
| 8    | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |
| 9    | 13,013    | 0.00          | 0.0               |              | 115.55                     |

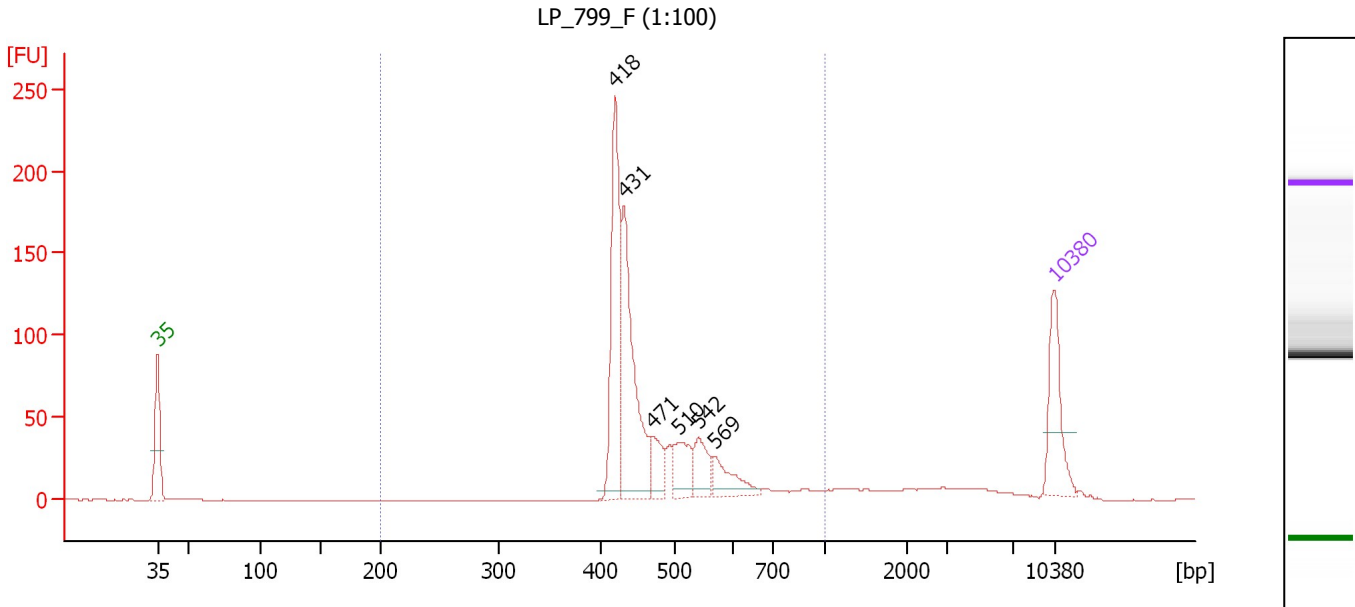
**Region table for sample 8 : LP\_BITS (1:50)**

| From [bp] | To [bp] | Average Size [bp] | Conc. [pg/μl] | Corr. Area | Molarity [pmol/l] | Co % of Ior Total | Size distribution in CV [%] |
|-----------|---------|-------------------|---------------|------------|-------------------|-------------------|-----------------------------|
| 166       | 390     | 240               | 656.77        | 685.4      | 4,231.3           | 83                | 16.4                        |

Assay Class: High Sensitivity DNA Assay  
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**Electropherogram Summary Continued ...**



**Overall Results for sample 9 : LP 799 F (1:100)**

Number of peaks found: 6                      Corr. Area 1: 768.9  
 Noise: 0.2

**Peak table for sample 9 : LP 799 F (1:100)**

| 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    | 418       | 216.17        | 783.0             |              | 78.67                      |
| 3    | 431       | 220.67        | 774.9             |              | 79.41                      |
| 4    | 471       | 37.71         | 121.3             |              | 81.66                      |
| 5    | 510       | 50.35         | 149.7             |              | 83.74                      |
| 6    | 542       | 45.86         | 128.3             |              | 85.23                      |
| 7    | 569       | 44.17         | 117.6             |              | 86.52                      |
| 8    | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |

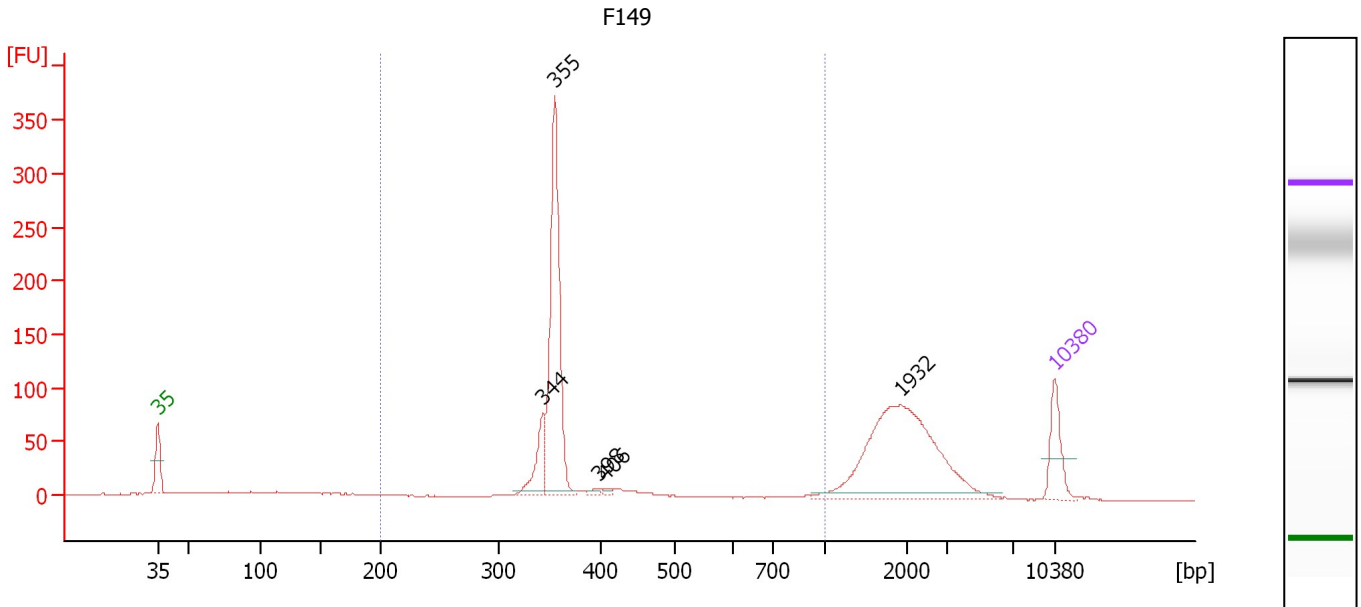
**Region table for sample 9 : LP 799 F (1:100)**

| From [bp] | To [bp] | Average Size [bp] | Conc. [pg/μl] | Corr. Area | Molarity [pmol/l] | Co % of Ior Total | Size distribution in CV [%] |
|-----------|---------|-------------------|---------------|------------|-------------------|-------------------|-----------------------------|
| 200       | 1,000   | 483               | 678.29        | 768.9      | 2,199.9           | 86                | 19.5                        |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-12-18\2018-12-18\_001.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 10 : F149**

Number of peaks found: 5                      Corr. Area 1: 539.5  
 Noise: 0.3

**Peak table for sample 10 : F149**

| 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    | 344       | 102.43        | 451.5             |              | 73.10                      |
| 3    | 355       | 487.04        | 2,078.3           |              | 74.01                      |
| 4    | 398       | 8.93          | 34.0              |              | 77.49                      |
| 5    | 406       | 6.41          | 23.9              |              | 77.97                      |
| 6    | 1,932     | 461.20        | 361.8             |              | 101.00                     |
| 7    | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |

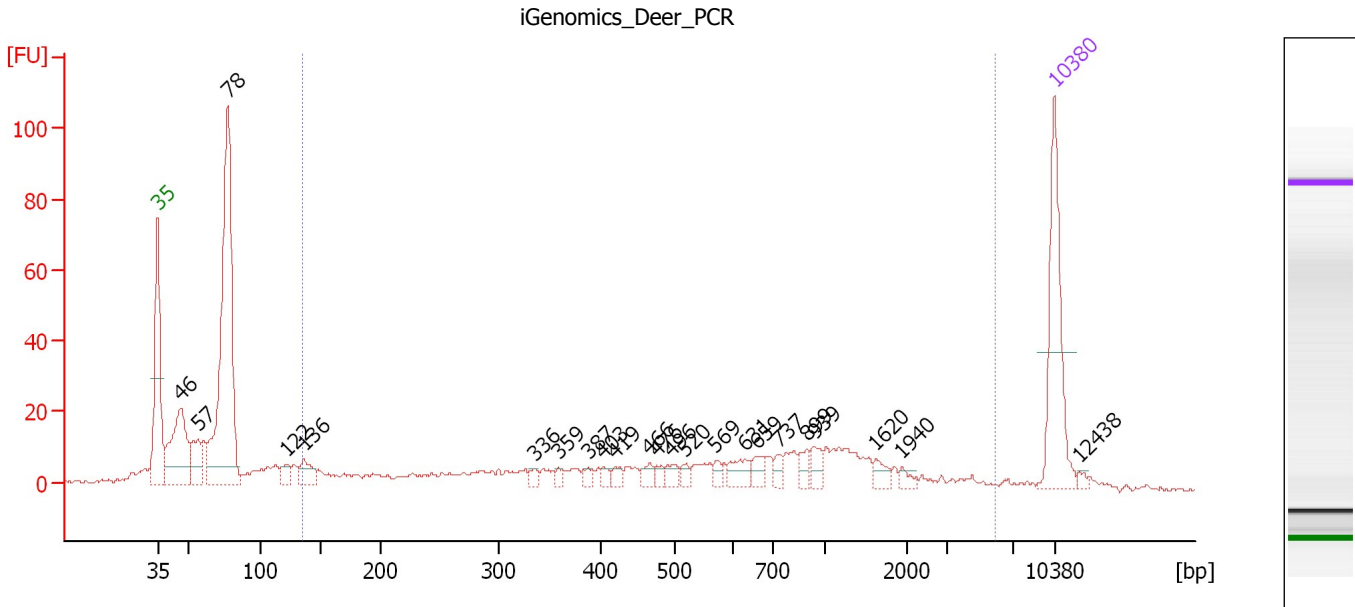
**Region table for sample 10 : F149**

| From [bp] | To [bp] | Average Size [bp] | Conc. [pg/μl] | Corr. Area | Molarity [pmol/l] | Co % of lor Total | Size distribution in CV [%] |
|-----------|---------|-------------------|---------------|------------|-------------------|-------------------|-----------------------------|
| 200       | 1,000   | 361               | 646.81        | 539.5      | 2,748.9           | 46                | 14.2                        |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-12-18\2018-12-18\_001.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 11 : iGenomics Deer PCR**

Number of peaks found: 23                      Corr. Area 1: 386.9  
 Noise: 0.5

**Peak table for sample 11 : iGenomics Deer PCR**


| 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        | 108.77        | 3,573.1           |              | 44.78                      |
| 3    | 57        | 35.42         | 941.6             |              | 46.17                      |
| 4    | 78        | 336.20        | 6,551.2           |              | 48.49                      |
| 5    | 122       | 12.15         | 151.5             |              | 53.01                      |
| 6    | 136       | 21.84         | 242.9             |              | 54.41                      |
| 7    | 336       | 6.14          | 27.7              |              | 72.49                      |
| 8    | 359       | 5.13          | 21.7              |              | 74.31                      |
| 9    | 387       | 5.37          | 21.0              |              | 76.57                      |
| 10   | 403       | 5.42          | 20.4              |              | 77.81                      |
| 11   | 419       | 6.90          | 24.9              |              | 78.73                      |
| 12   | 466       | 7.67          | 25.0              |              | 81.36                      |
| 13   | 476       | 6.27          | 19.9              |              | 81.95                      |
| 14   | 496       | 8.56          | 26.1              |              | 83.08                      |
| 15   | 520       | 6.23          | 18.2              |              | 84.21                      |
| 16   | 569       | 6.31          | 16.8              |              | 86.53                      |
| 17   | 631       | 15.30         | 36.8              |              | 88.90                      |
| 18   | 659       | 11.42         | 26.3              |              | 89.76                      |
| 19   | 737       | 7.55          | 15.5              |              | 91.53                      |
| 20   | 899       | 8.94          | 15.1              |              | 93.68                      |
| 21   | 939       | 10.67         | 17.2              |              | 94.22                      |
| 22   | 1,620     | 7.48          | 7.0               |              | 99.01                      |
| 23   | 1,940     | 4.81          | 3.8               |              | 101.06                     |
| 24   | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |
| 25   | 12,438    | 0.00          | 0.0               |              | 114.99                     |

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-12-18\2018-12-18\_001.xad

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**Electropherogram Summary Continued ...**

... Region table for sample 11 : iGenomics Deer PCR

| From [bp] | To [bp] | Average Size [bp] | Conc. [pg/ $\mu$ l] | Corr. Area | Molarity [pmol/l] | Co % of lor Total  | Size distribution in CV [%] |
|-----------|---------|-------------------|---------------------|------------|-------------------|--|-----------------------------|
| 136       | 5,921   | 910               | 423.82              | 386.9      | 1,665.5           |  48 | 100.0                       |



Assay Class: High Sensitivity DNA Assay  
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**Gel Image**

