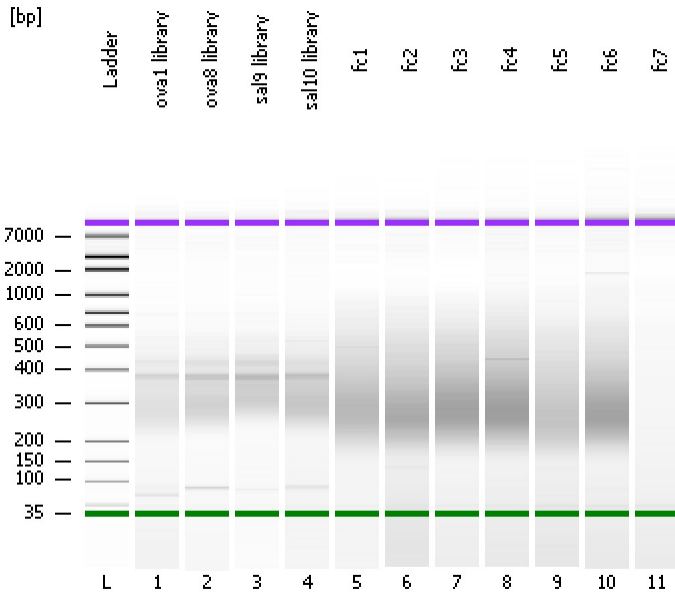


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2015-12-11\2015-12-11\_002.xad

Created: 12/11/2015 3:49:53 PM  
Modified: 12/11/2015 4:31:12 PM

### Electrophoresis File Run Summary



#### Instrument Information:

Instrument Name: DE13701086      Firmware: C.01.069  
Serial#: DE13701086      Type: G2938B

#### Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\High Sensitivity DNA.xsy

Assay Class: High Sensitivity DNA Assay  
Version: 1.03  
Assay Comments: Copyright © 2003-2010 Agilent Technologies

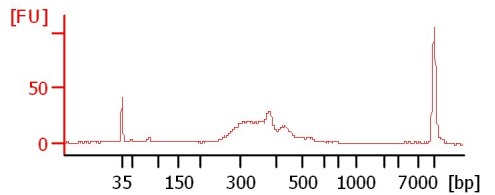
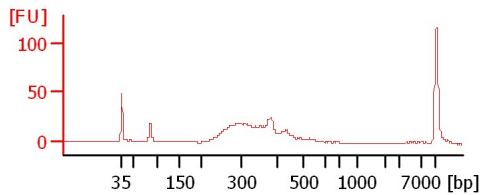
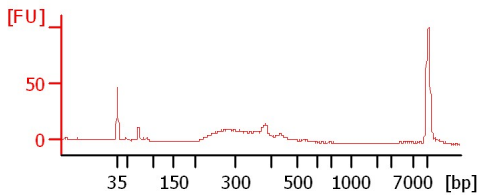
#### Chip Information:

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

ova1 library

ova8 library

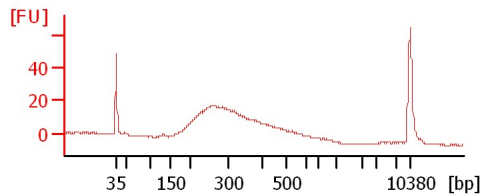
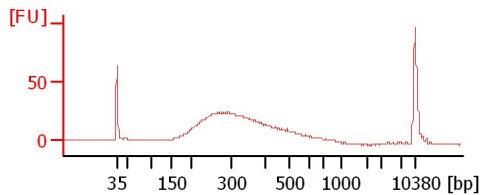
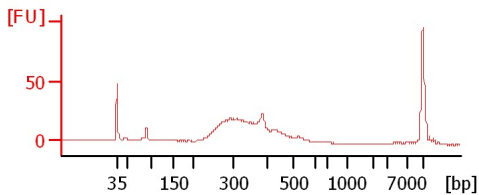
sal9 library



sal10 library

fc1

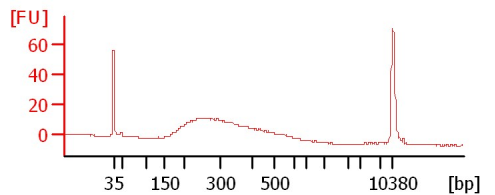
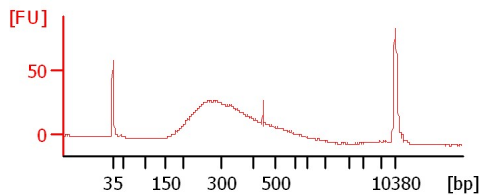
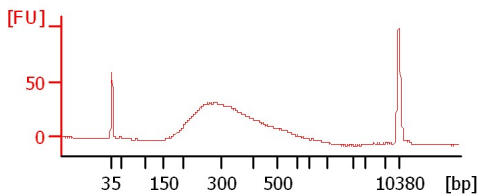
fc2



fc3

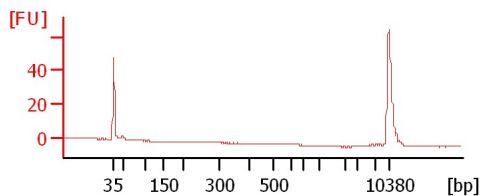
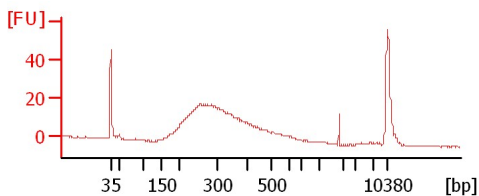
fc4

fc5



fc6

fc7



Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2015-12-11\2015-12-11\_002.xad

Created: 12/11/2015 3:49:53 PM  
Modified: 12/11/2015 4:31:12 PM

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

| Sample Name   | Sample Comment | Rest. Digest             | Status | Observation | Result Label | Result Color |
|---------------|----------------|--------------------------|--------|-------------|--------------|--------------|
| ova1 library  |                | <input type="checkbox"/> | ✓      |             |              |              |
| ova8 library  |                | <input type="checkbox"/> | ✓      |             |              |              |
| sal9 library  |                | <input type="checkbox"/> | ✓      |             |              |              |
| sal10 library |                | <input type="checkbox"/> | ✓      |             |              |              |
| fc1           |                | <input type="checkbox"/> | ✓      |             |              |              |
| fc2           |                | <input type="checkbox"/> | ✓      |             |              |              |
| fc3           |                | <input type="checkbox"/> | ✓      |             |              |              |
| fc4           |                | <input type="checkbox"/> | ✓      |             |              |              |
| fc5           |                | <input type="checkbox"/> | ✓      |             |              |              |
| fc6           |                | <input type="checkbox"/> | ✓      |             |              |              |
| fc7           |                | <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\2015-12-11\2015-12-11\_002.xad

Created: 12/11/2015 3:49:53 PM  
Modified: 12/11/2015 4:31:12 PM

**Electrophoresis Assay Details**

**General Analysis Settings**

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

**Integrator Settings**

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

**Filter Settings**

Filter Width [s] : 0.5  
Polynomial Order : 4

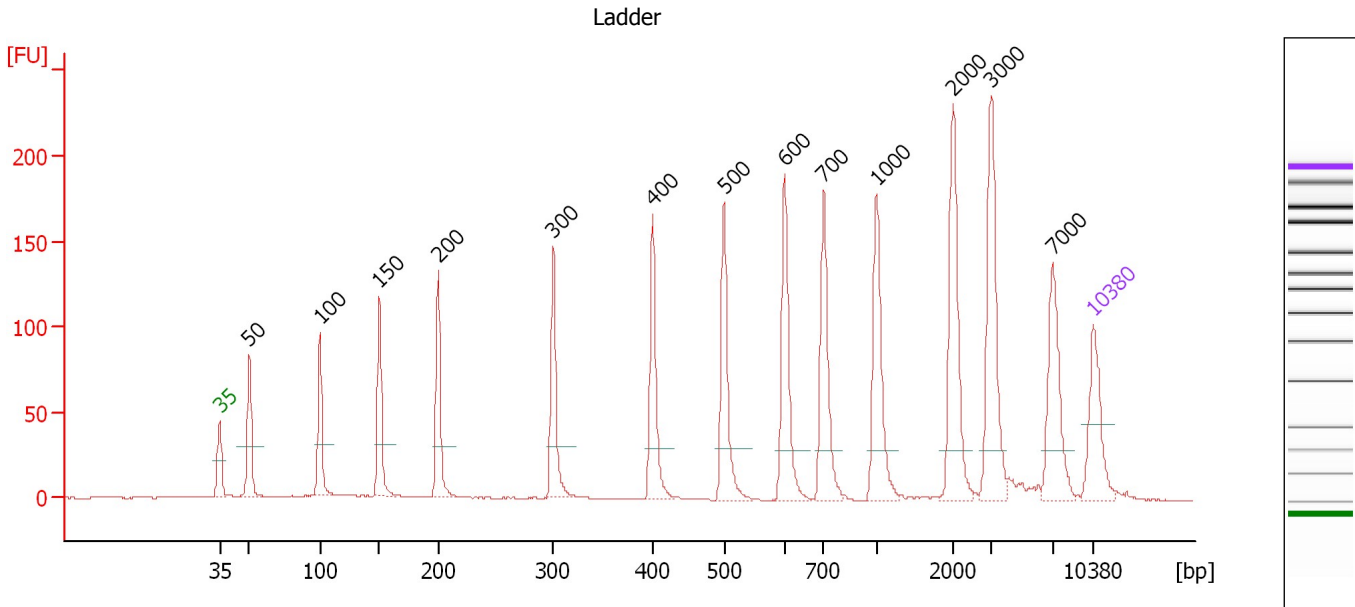
**Ladder**

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

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-12-11\2015-12-11\_002.xad

Created: 12/11/2015 3:49:53 PM  
 Modified: 12/11/2015 4:31:12 PM

**Electropherogram Summary**



**Overall Results for Ladder**

Noise: 0.2

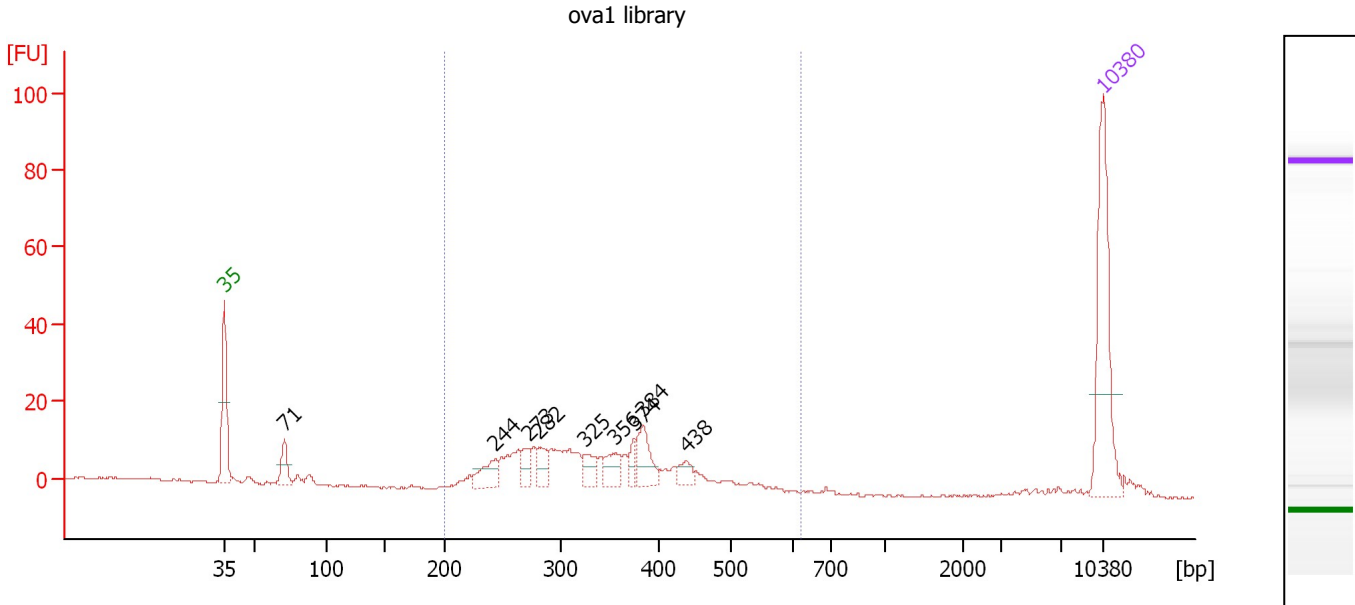
**Peak table for Ladder**

| 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  | 51.07                      |
| 4    | 150       | 150.00        | 1,515.2           | Ladder Peak  | 55.81                      |
| 5    | 200       | 150.00        | 1,136.4           | Ladder Peak  | 60.51                      |
| 6    | 300       | 150.00        | 757.6             | Ladder Peak  | 69.74                      |
| 7    | 400       | 150.00        | 568.2             | Ladder Peak  | 77.68                      |
| 8    | 500       | 150.00        | 454.5             | Ladder Peak  | 83.40                      |
| 9    | 600       | 150.00        | 378.8             | Ladder Peak  | 88.27                      |
| 10   | 700       | 150.00        | 324.7             | Ladder Peak  | 91.39                      |
| 11   | 1,000     | 150.00        | 227.3             | Ladder Peak  | 95.62                      |
| 12   | 2,000     | 150.00        | 113.6             | Ladder Peak  | 101.77                     |
| 13   | 3,000     | 150.00        | 75.8              | Ladder Peak  | 104.84                     |
| 14   | 7,000     | 150.00        | 32.5              | Ladder Peak  | 109.71                     |
| 15   | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-12-11\2015-12-11\_002.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 1 : ova1 library**

Number of peaks found: 9                      Corr. Area 1: 227.9  
 Noise: 0.2

**Peak table for sample 1 : ova1 library**

| 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    | 71        | 22.02         | 471.1             |              | 47.76                      |
| 3    | 244       | 22.71         | 141.0             |              | 64.58                      |
| 4    | 273       | 13.23         | 73.5              |              | 67.21                      |
| 5    | 282       | 17.26         | 92.8              |              | 68.06                      |
| 6    | 325       | 16.44         | 76.7              |              | 71.71                      |
| 7    | 356       | 18.79         | 80.0              |              | 74.18                      |
| 8    | 374       | 9.04          | 36.6              |              | 75.62                      |
| 9    | 384       | 28.17         | 111.2             |              | 76.39                      |
| 10   | 438       | 10.84         | 37.5              |              | 79.83                      |
| 11   | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |

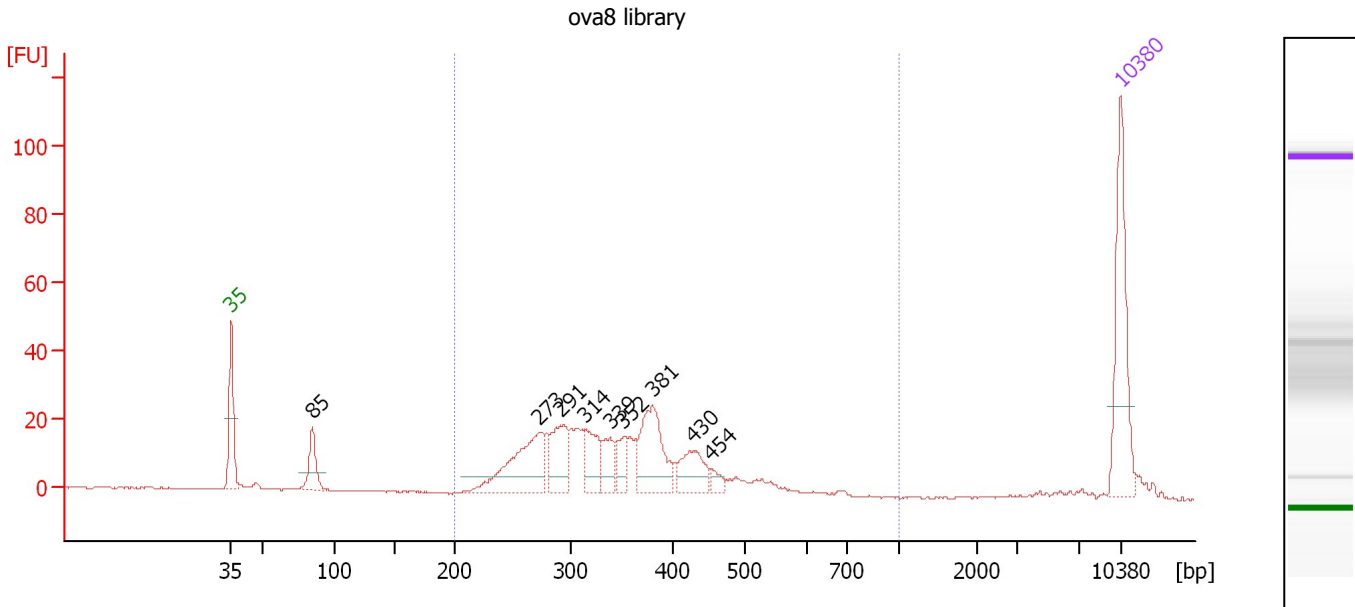
**Region table for sample 1 : ova1 library**

| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Molarity [pmol/l] | Co Conc. [pg/μl] | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|-------------------|------------------|------------|-----------------------------|
| 200       | 622     | 340               | 227.9      | 1,286.1           | 271.24           | 87         | 21.4                        |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-12-11\2015-12-11\_002.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 2 : ova8 library**

Number of peaks found: 9                      Corr. Area 1: 399.9  
 Noise: 0.2

**Peak table for sample 2 : ova8 library**

| 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    | 85        | 38.76         | 690.1             |              | 49.38                      |
| 3    | 273       | 100.84        | 560.4             |              | 67.21                      |
| 4    | 291       | 53.93         | 280.9             |              | 68.89                      |
| 5    | 314       | 38.94         | 188.1             |              | 70.82                      |
| 6    | 339       | 27.98         | 125.2             |              | 72.80                      |
| 7    | 352       | 22.26         | 95.7              |              | 73.89                      |
| 8    | 381       | 75.09         | 298.8             |              | 76.15                      |
| 9    | 430       | 36.59         | 129.0             |              | 79.38                      |
| 10   | 454       | 9.05          | 30.2              |              | 80.77                      |
| 11   | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |

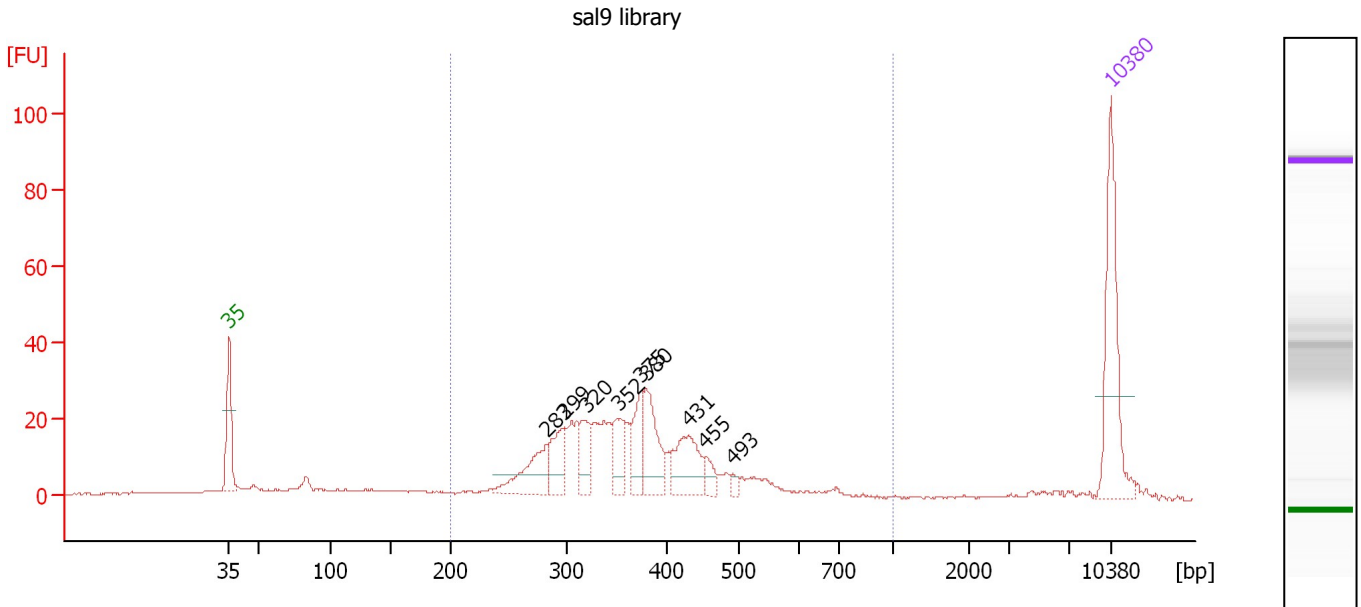
**Region table for sample 2 : ova8 library**

| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Molarity [pmol/l] | Co Conc. [pg/μl] | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|-------------------|------------------|------------|-----------------------------|
| 200       | 1,000   | 349               | 399.9      | 2,132.4           | 461.83           | 90         | 21.9                        |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-12-11\2015-12-11\_002.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 3 : sal9 library**

Number of peaks found: 9                      Corr. Area 1: 420.7  
 Noise: 0.2

**Peak table for sample 3 : sal9 library**

| 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    | 283       | 54.20         | 290.0             |              | 68.18                      |
| 3    | 299       | 39.65         | 201.1             |              | 69.62                      |
| 4    | 320       | 32.57         | 154.3             |              | 71.31                      |
| 5    | 352       | 35.24         | 151.8             |              | 73.85                      |
| 6    | 375       | 35.20         | 142.1             |              | 75.71                      |
| 7    | 380       | 56.75         | 226.2             |              | 76.10                      |
| 8    | 431       | 52.66         | 185.2             |              | 79.44                      |
| 9    | 455       | 11.60         | 38.6              |              | 80.84                      |
| 10   | 493       | 4.90          | 15.1              |              | 82.99                      |
| 11   | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |

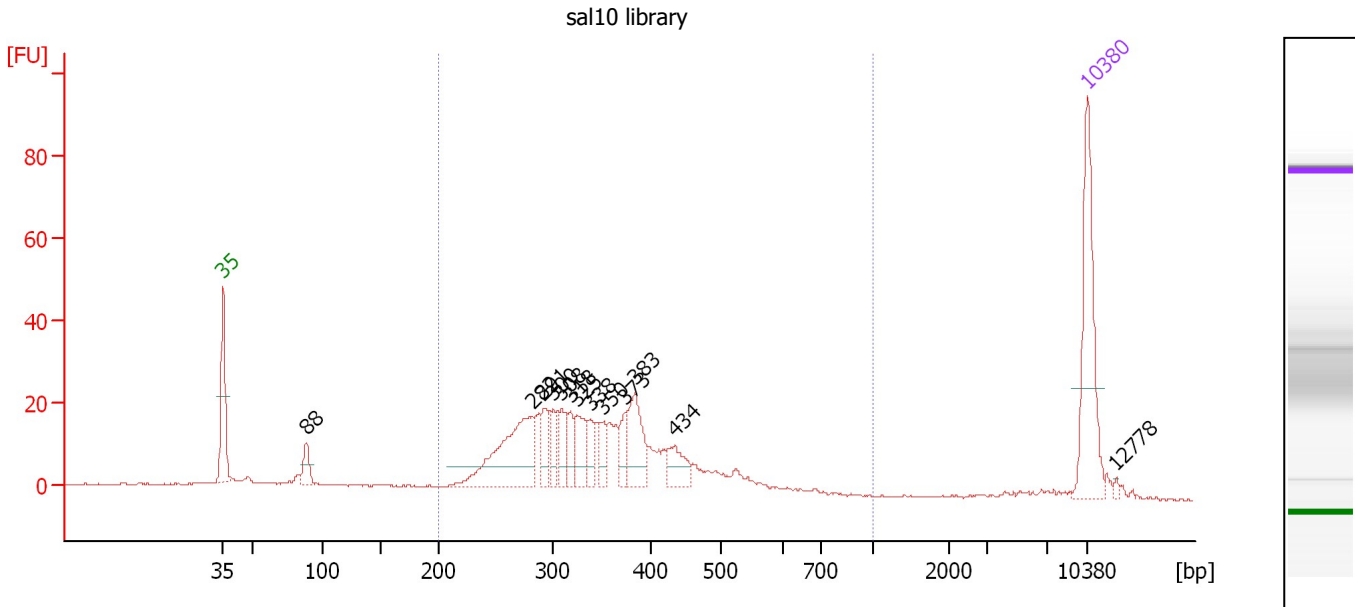
**Region table for sample 3 : sal9 library**

| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Molarity [pmol/l] | Co Conc. [pg/μl] | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|-------------------|------------------|------------|-----------------------------|
| 200       | 1,000   | 375               | 420.7      | 2,203.0           | 509.59           | 85         | 24.6                        |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-12-11\2015-12-11\_002.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 4 : sal10 library**

Number of peaks found: 13                      Corr. Area 1: 424.3  
 Noise: 0.2

**Peak table for sample 4 : sal10 library**

| 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    | 88        | 21.60         | 370.8             |              | 49.74                      |
| 3    | 282       | 120.34        | 645.8             |              | 68.10                      |
| 4    | 291       | 28.37         | 147.6             |              | 68.93                      |
| 5    | 300       | 21.12         | 106.6             |              | 69.75                      |
| 6    | 308       | 25.25         | 124.1             |              | 70.40                      |
| 7    | 318       | 19.35         | 92.3              |              | 71.13                      |
| 8    | 325       | 31.89         | 148.9             |              | 71.69                      |
| 9    | 338       | 18.14         | 81.4              |              | 72.73                      |
| 10   | 350       | 15.87         | 68.7              |              | 73.72                      |
| 11   | 373       | 22.12         | 89.8              |              | 75.54                      |
| 12   | 383       | 48.48         | 191.6             |              | 76.36                      |
| 13   | 434       | 26.19         | 91.5              |              | 79.60                      |
| 14   | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |
| 15   | 12,778    | 0.00          | 0.0               |              | 115.33                     |

**Region table for sample 4 : sal10 library**

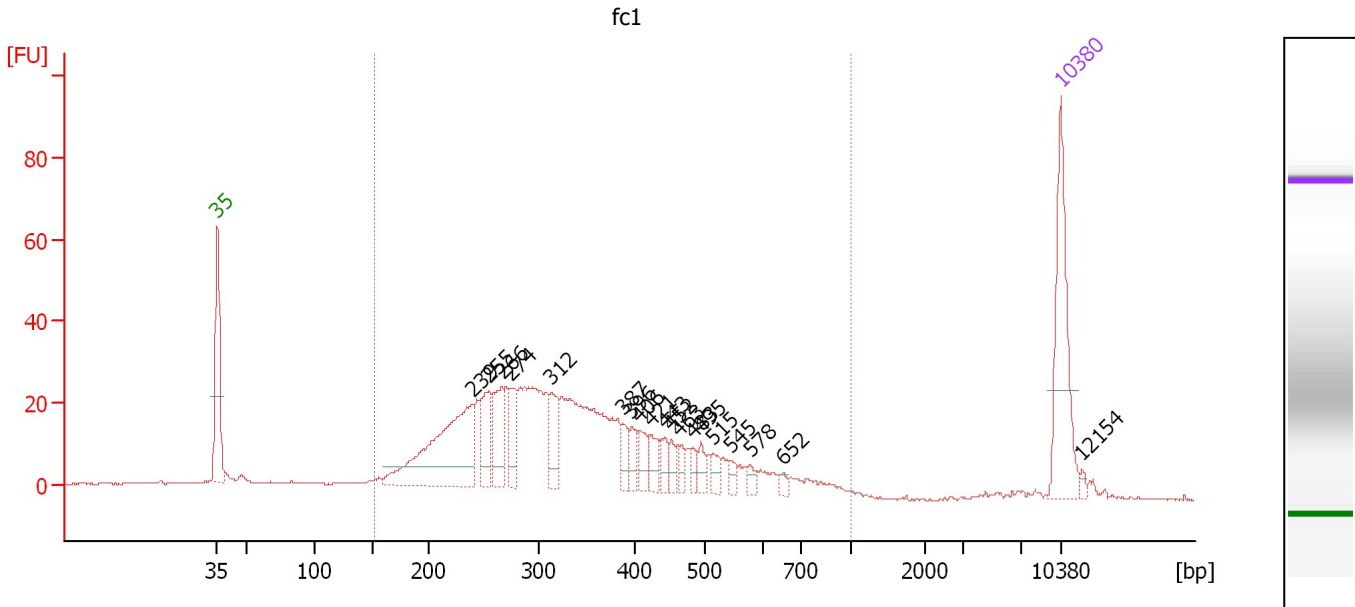
| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Molarity [pmol/l] | Co Conc. lor [pg/μl] | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|-------------------|----------------------|------------|-----------------------------|
| 200       | 1,000   | 354               | 424.3      | 2,554.4           | 554.94               | 85         | 24.5                        |



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-12-11\2015-12-11\_002.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 5 : fc1**

Number of peaks found: 19                      Corr. Area 1: 732.9  
 Noise: 0.2

**Peak table for sample 5 : fc1**

| 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    | 239       | 172.73        | 1,095.1           |              | 64.11                      |
| 3    | 255       | 40.81         | 242.6             |              | 65.57                      |
| 4    | 266       | 46.22         | 262.9             |              | 66.63                      |
| 5    | 274       | 28.50         | 157.3             |              | 67.38                      |
| 6    | 312       | 36.12         | 175.7             |              | 70.65                      |
| 7    | 387       | 16.61         | 65.0              |              | 76.67                      |
| 8    | 396       | 13.42         | 51.3              |              | 77.38                      |
| 9    | 406       | 18.27         | 68.1              |              | 78.04                      |
| 10   | 421       | 15.95         | 57.4              |              | 78.88                      |
| 11   | 443       | 13.43         | 45.9              |              | 80.17                      |
| 12   | 452       | 12.42         | 41.6              |              | 80.65                      |
| 13   | 463       | 10.19         | 33.4              |              | 81.27                      |
| 14   | 483       | 8.81          | 27.6              |              | 82.42                      |
| 15   | 495       | 12.02         | 36.8              |              | 83.09                      |
| 16   | 515       | 10.30         | 30.3              |              | 84.15                      |
| 17   | 545       | 6.41          | 17.8              |              | 85.61                      |
| 18   | 578       | 6.86          | 18.0              |              | 87.20                      |
| 19   | 652       | 4.40          | 10.2              |              | 89.90                      |
| 20   | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |
| 21   | 12,154    | 0.00          | 0.0               |              | 114.73                     |

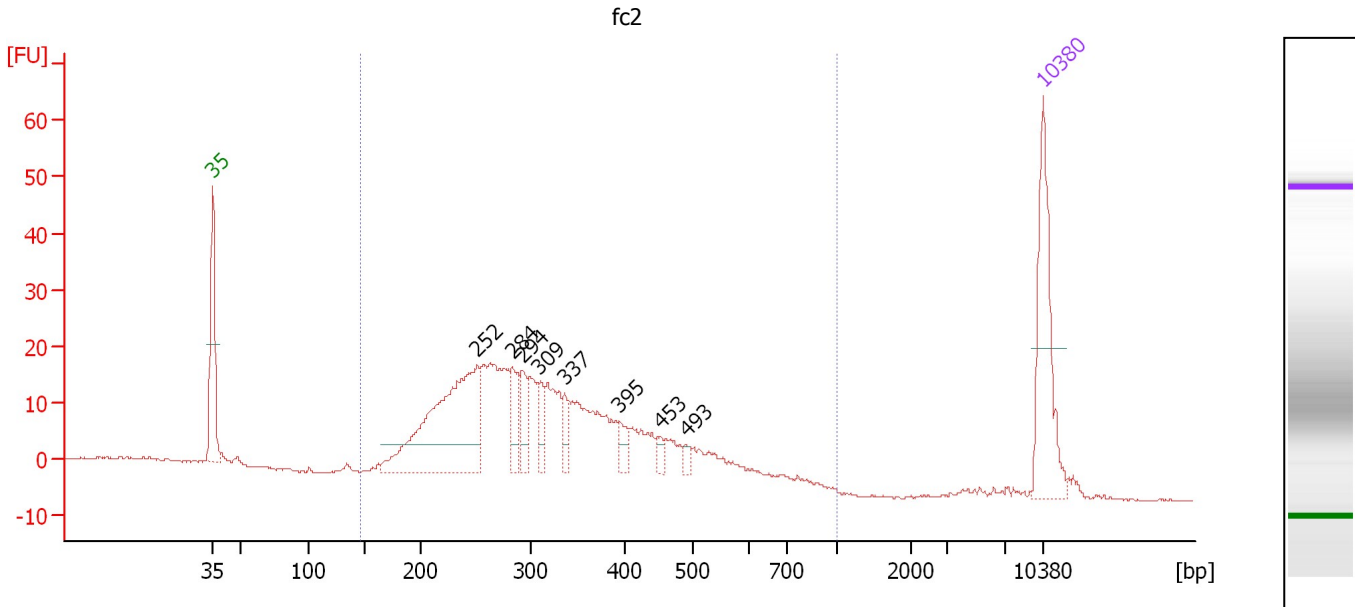
**Region table for sample 5 : fc1**

| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Molarity [pmol/l] | Co Conc. [pg/μl] | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|-------------------|------------------|------------|-----------------------------|
| 153       | 1,000   | 350               | 732.9      | 4,763.5           | 938.72           | 92         | 36.7                        |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-12-11\2015-12-11\_002.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 6 : fc2**

Number of peaks found: 8                      Corr. Area 1: 497.2  
 Noise: 0.2

**Peak table for sample 6 : fc2**

| 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    | 252       | 226.38        | 1,359.8           |              | 65.33                      |
| 3    | 284       | 33.62         | 179.4             |              | 68.25                      |
| 4    | 294       | 28.20         | 145.5             |              | 69.15                      |
| 5    | 309       | 21.22         | 104.1             |              | 70.45                      |
| 6    | 337       | 16.84         | 75.8              |              | 72.65                      |
| 7    | 395       | 12.98         | 49.8              |              | 77.28                      |
| 8    | 453       | 7.67          | 25.6              |              | 80.74                      |
| 9    | 493       | 5.74          | 17.7              |              | 82.99                      |
| 10   | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |

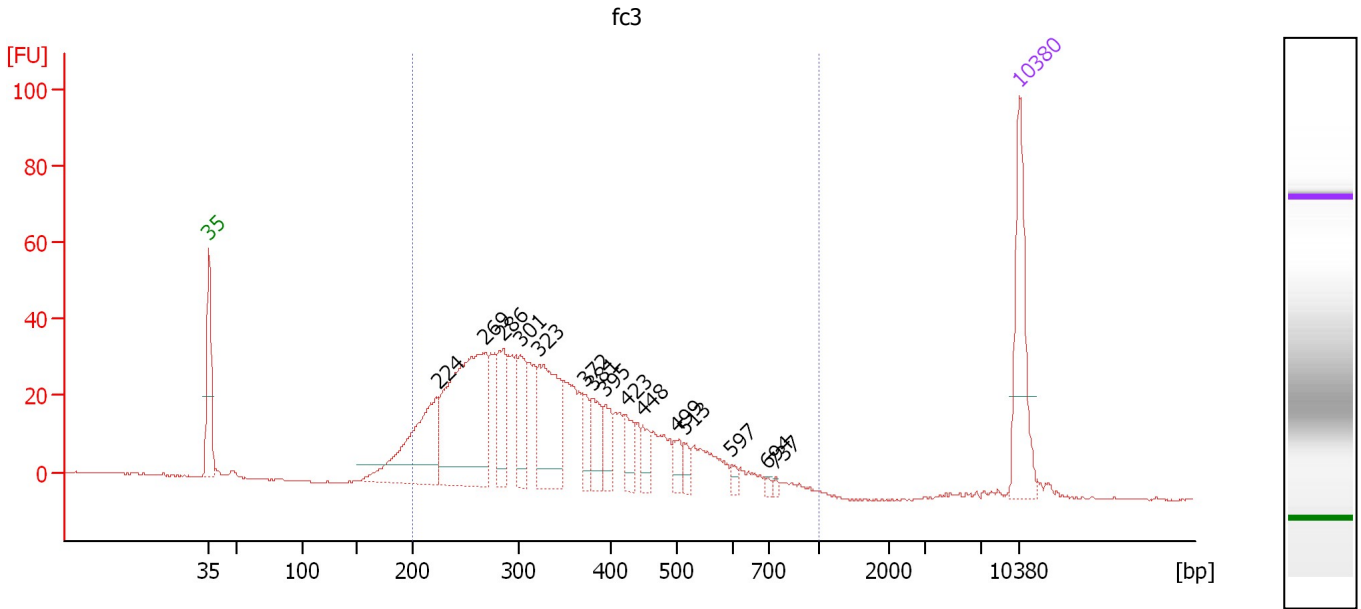
**Region table for sample 6 : fc2**

| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Molarity [pmol/l] | Co Conc. [pg/μl] | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|-------------------|------------------|------------|-----------------------------|
| 147       | 1,000   | 334               | 497.2      | 4,077.7           | 788.13           | 96         | 33.3                        |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-12-11\2015-12-11\_002.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 7 : fc3**

Number of peaks found: 15                      Corr. Area 1: 872.5  
 Noise: 0.1

**Peak table for sample 7 : fc3**

| 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    | 224       | 151.29        | 1,021.7           |              | 62.76                      |
| 3    | 269       | 259.41        | 1,459.7           |              | 66.90                      |
| 4    | 286       | 64.75         | 343.3             |              | 68.42                      |
| 5    | 301       | 54.02         | 271.6             |              | 69.85                      |
| 6    | 323       | 112.22        | 526.6             |              | 71.55                      |
| 7    | 372       | 22.72         | 92.7              |              | 75.42                      |
| 8    | 381       | 35.43         | 140.7             |              | 76.20                      |
| 9    | 395       | 26.24         | 100.7             |              | 77.26                      |
| 10   | 423       | 26.05         | 93.3              |              | 79.01                      |
| 11   | 448       | 19.26         | 65.1              |              | 80.44                      |
| 12   | 499       | 15.25         | 46.3              |              | 83.34                      |
| 13   | 513       | 10.13         | 29.9              |              | 84.03                      |
| 14   | 597       | 5.68          | 14.4              |              | 88.13                      |
| 15   | 694       | 3.34          | 7.3               |              | 91.22                      |
| 16   | 737       | 3.07          | 6.3               |              | 91.91                      |
| 17   | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |

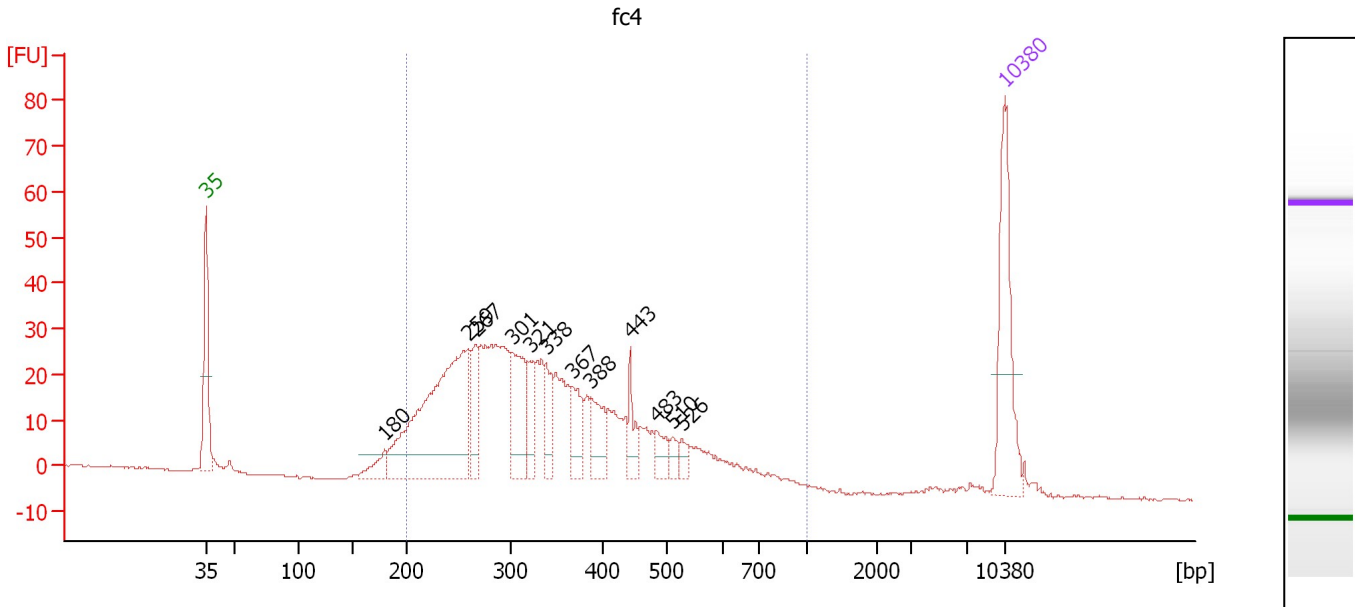
**Region table for sample 7 : fc3**

| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Molarity [pmol/l] | Co Conc. [pg/μl] | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|-------------------|------------------|------------|-----------------------------|
| 200       | 1,000   | 348               | 872.5      | 5,242.0           | 1,072.67         | 95         | 31.7                        |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-12-11\2015-12-11\_002.xad

Created: 12/11/2015 3:49:53 PM  
 Modified: 12/11/2015 4:31:12 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 8 : fc4**

Number of peaks found: 12                      Corr. Area 1: 739.4  
 Noise: 0.3

**Peak table for sample 8 : fc4**

| 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    | 180       | 21.31         | 179.1             |              | 58.65                      |
| 3    | 259       | 276.72        | 1,619.5           |              | 65.94                      |
| 4    | 267       | 42.78         | 242.8             |              | 66.69                      |
| 5    | 301       | 70.79         | 356.9             |              | 69.78                      |
| 6    | 321       | 31.24         | 147.7             |              | 71.36                      |
| 7    | 338       | 27.63         | 123.8             |              | 72.77                      |
| 8    | 367       | 34.11         | 140.8             |              | 75.06                      |
| 9    | 388       | 37.60         | 147.0             |              | 76.69                      |
| 10   | 443       | 23.82         | 81.4              |              | 80.15                      |
| 11   | 483       | 16.62         | 52.1              |              | 82.44                      |
| 12   | 510       | 9.71          | 28.8              |              | 83.89                      |
| 13   | 526       | 9.76          | 28.1              |              | 84.68                      |
| 14   | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |

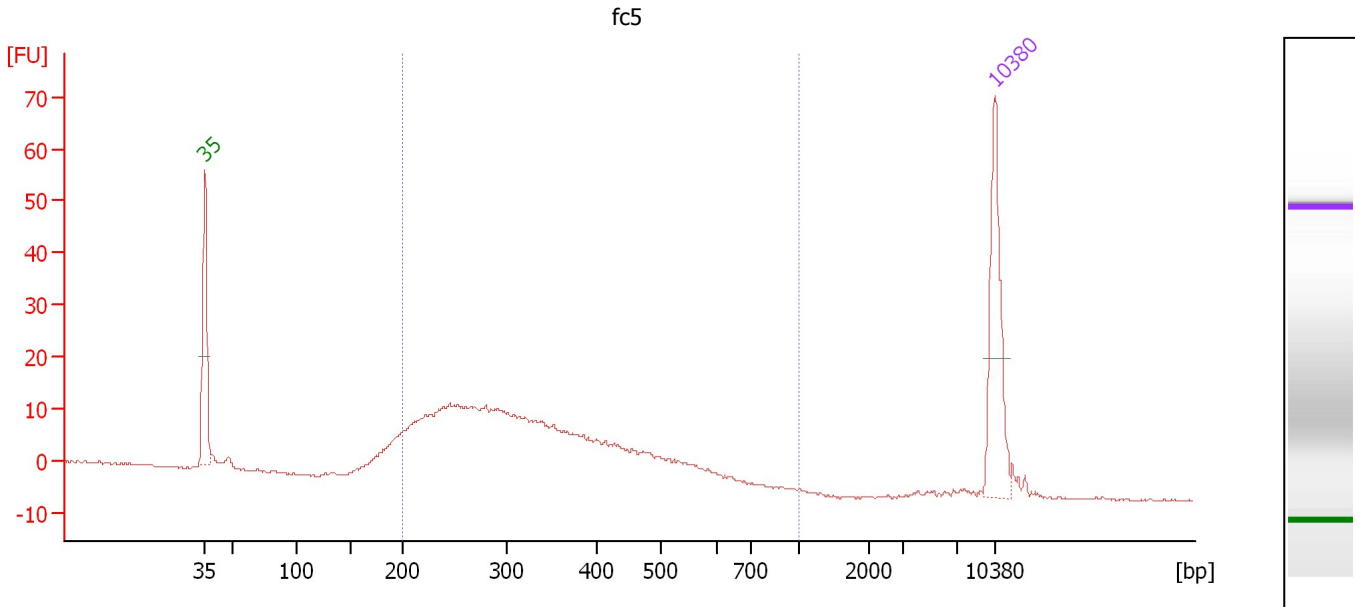
**Region table for sample 8 : fc4**

| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Molarity [pmol/l] | Co Conc. lor [pg/μl] | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|-------------------|----------------------|------------|-----------------------------|
| 200       | 1,000   | 352               | 739.4      | 4,745.2           | 975.98               | 95         | 33.2                        |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-12-11\2015-12-11\_002.xad

Created: 12/11/2015 3:49:53 PM  
 Modified: 12/11/2015 4:31:12 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 9 : fc5**

Number of peaks found: 0                      Corr. Area 1: 348.3  
 Noise: 0.2

**Peak table for sample 9 : fc5**

| 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    | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |

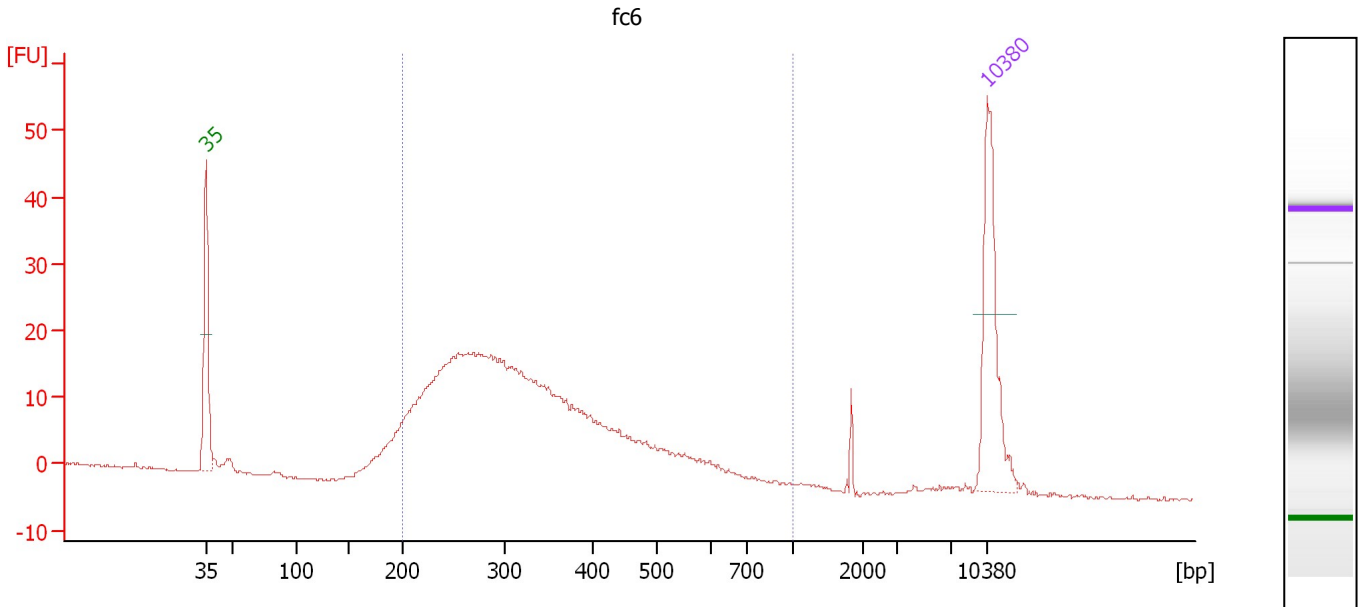
**Region table for sample 9 : fc5**

| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Molarity [pmol/l] | Co Conc. lor [pg/μl] | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|-------------------|----------------------|------------|-----------------------------|
| 200       | 1,000   | 336               | 348.3      | 2,819.7           | 560.95               | 90         | 30.3                        |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-12-11\2015-12-11\_002.xad

Created: 12/11/2015 3:49:53 PM  
 Modified: 12/11/2015 4:31:12 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 10 : fc6**

Number of peaks found: 0                      Corr. Area 1: 439.7  
 Noise: 0.1

**Peak table for sample 10 : fc6**

| Pea<br>k | 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        | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |

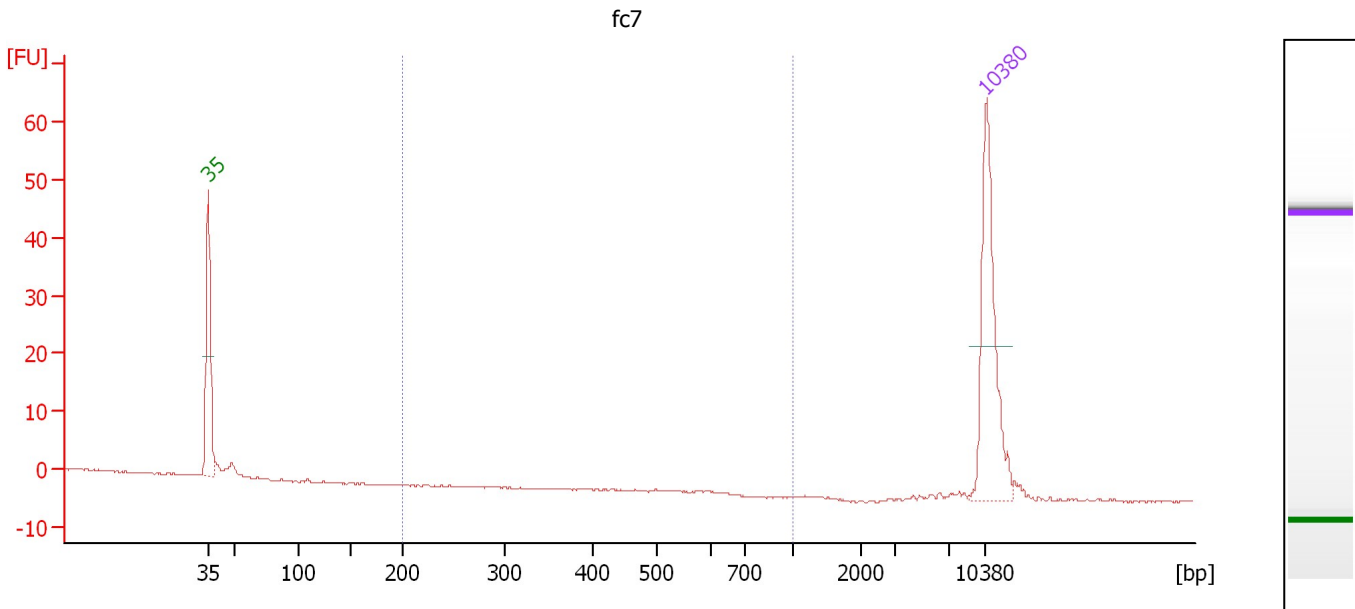
**Region table for sample 10 : fc6**

| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Molarity [pmol/l] | Co Conc. lor [pg/μl] | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|-------------------|----------------------|------------|-----------------------------|
| 200       | 1,000   | 339               | 439.7      | 3,775.6           | 754.77               | 93         | 32.3                        |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-12-11\2015-12-11\_002.xad

Created: 12/11/2015 3:49:53 PM  
 Modified: 12/11/2015 4:31:12 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 11 : fc7**

Number of peaks found: 0                      Corr. Area 1: 0.0  
 Noise: 0.1

**Peak table for sample 11 : fc7**

| 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    | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |

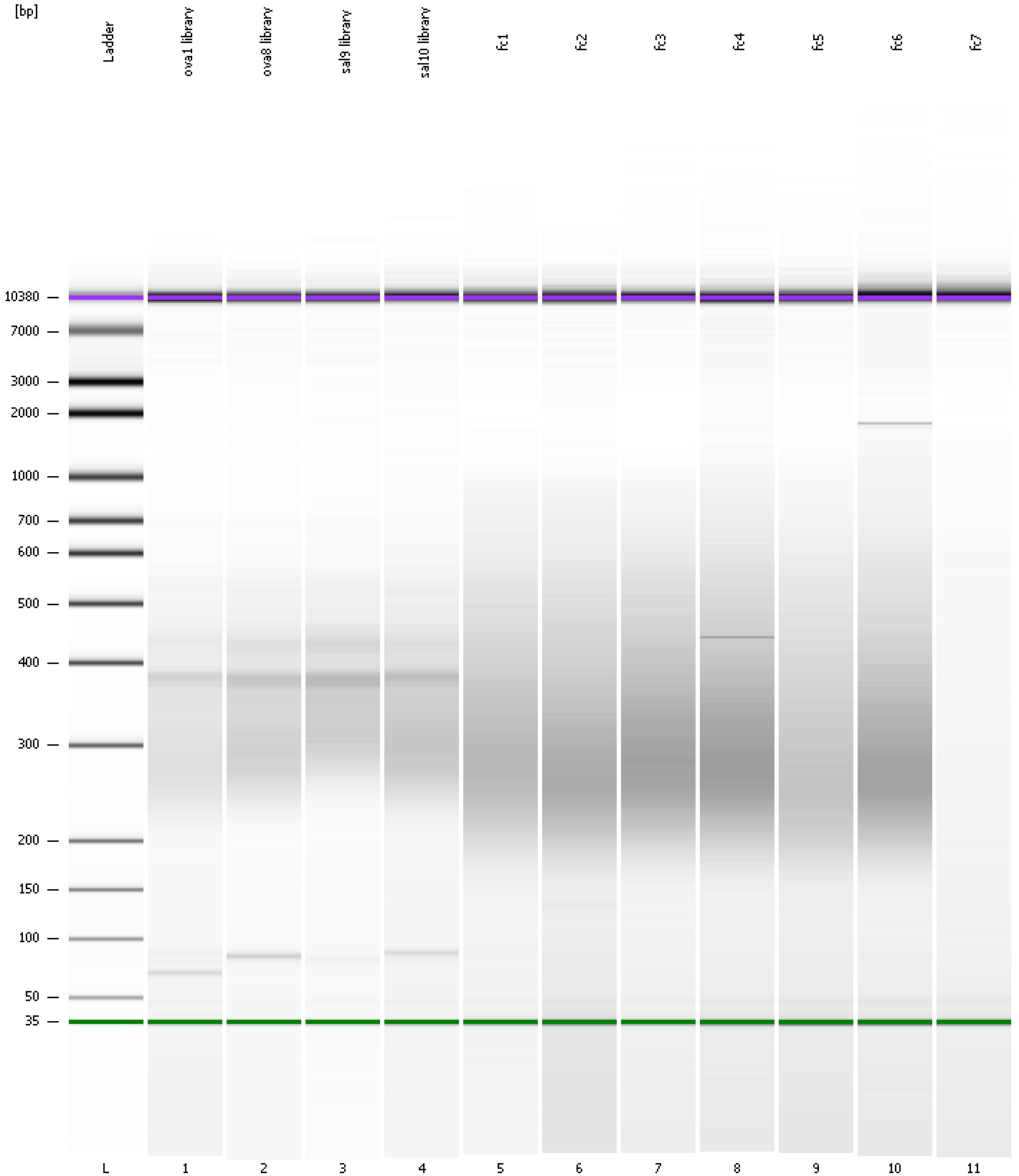
**Region table for sample 11 : fc7**

| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Molarity [pmol/l] | Co Conc. lor [pg/μl] | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|-------------------|----------------------|------------|-----------------------------|
| 200       | 1,000   | 0                 | 0.0        | 0.0               | 0.00                 | 0          | 0.0                         |

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2015-12-11\2015-12-11\_002.xad

Created: 12/11/2015 3:49:53 PM  
Modified: 12/11/2015 4:31:12 PM

**Gel Image**





Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-12-11\2015-12-11\_002.xad

Created: 12/11/2015 3:49:53 PM  
 Modified: 12/11/2015 4:31:12 PM

**Run Logbook**

| Description   | Number | Source     | Category | Sub Category | Time                  | Time Zone                           | User     | Host     |
|---|--------|------------|----------|--------------|-----------------------|-------------------------------------|----------|----------|
| Run ended on port 1 (Number of wells acquired: 12)  |        | Instrument | Run      |              | 12/11/2015 4:31:10 PM | (GMT --08:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Run started on port 1 (File: C:\Documents and Settings\Bioanalyzer\2015-12-11\2015-12-11_002.xad) |        | Instrument | Run      |              | 12/11/2015 3:49:58 PM | (GMT --08:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Product Number : G2938B   |        | Instrument | Run      |              | 12/11/2015 3:49:58 PM | (GMT --08:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Name :  |        | Instrument | Run      |              | 12/11/2015 3:49:58 PM | (GMT --08:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Vendor : Agilent Technologies   |        | Instrument | Run      |              | 12/11/2015 3:49:58 PM | (GMT --08:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Serial# : DE13701086  |        | Instrument | Run      |              | 12/11/2015 3:49:58 PM | (GMT --08:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Firmware : C.01.069   |        | Instrument | Run      |              | 12/11/2015 3:49:58 PM | (GMT --08:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Cartridge : Electrode   |        | Instrument | Run      |              | 12/11/2015 3:49:58 PM | (GMT --08:00) Pacific Standard Time | UC Davis | D8XSMGH1 |