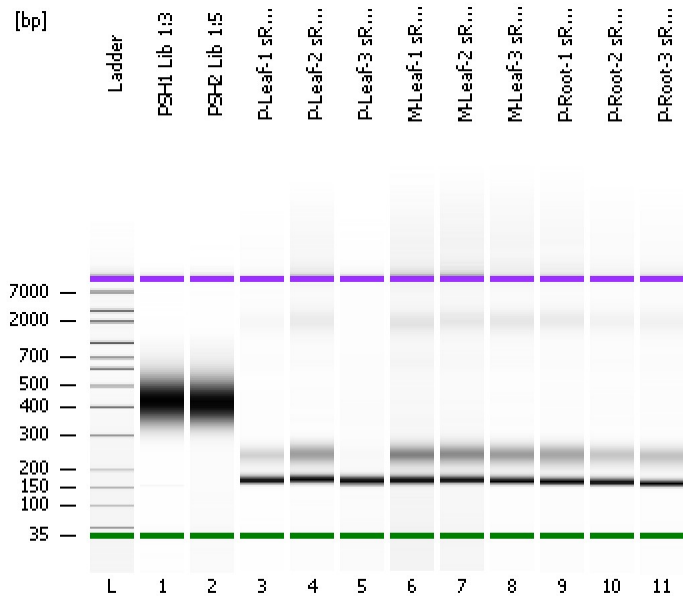


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2013-08-12\2013-08-12\_002.xad

Created: 8/12/2013 12:22:12 PM  
Modified: 8/12/2013 5:16:03 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

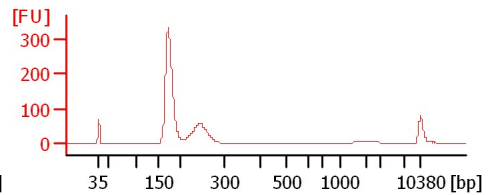
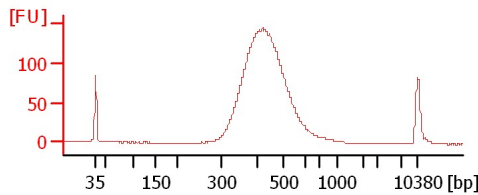
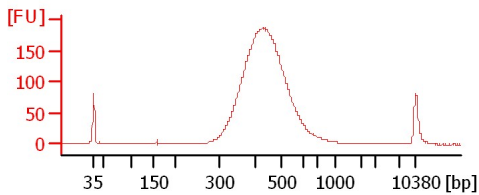
#### Chip Information:

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

PSH1 Lib 1:3

PSH2 Lib 1:5

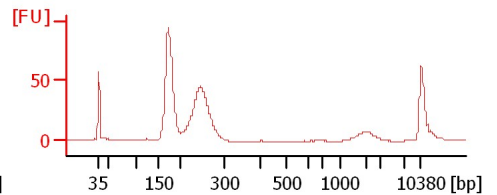
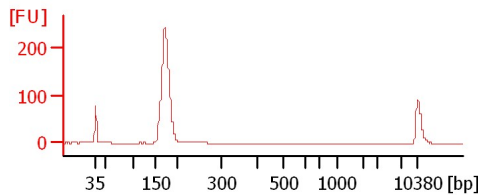
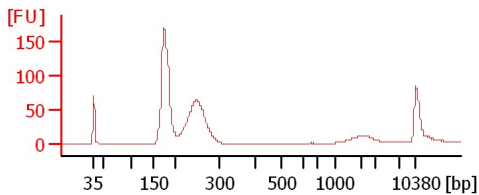
P-Leaf-1 sRNA Lib 1:2



P-Leaf-2 sRNA Lib

P-Leaf-3 sRNA Lib

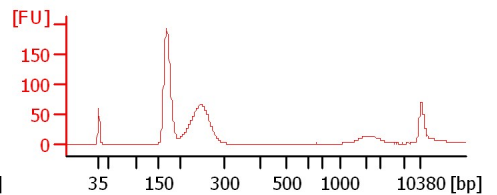
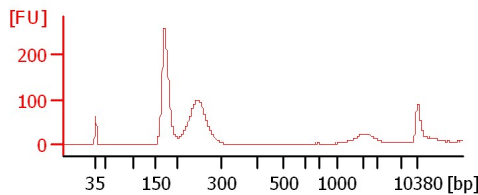
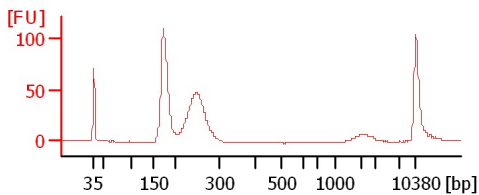
M-Leaf-1 sRNA Lib



M-Leaf-2 sRNA Lib

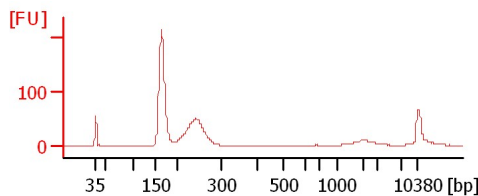
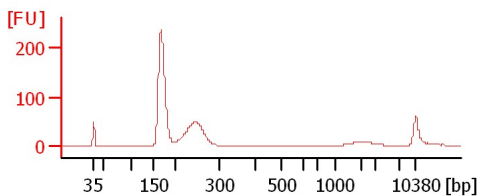
M-Leaf-3 sRNA Lib

P-Root-1 sRNA Lib



P-Root-2 sRNA Lib

P-Root-3 sRNA Lib



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-08-12\2013-08-12\_002.xad

Created: 8/12/2013 12:22:12 PM  
 Modified: 8/12/2013 5:16:03 PM

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

| Sample Name           | Sample Comment | Rest. Digest             | Status | Observation | Result Label | Result Color |
|-----------------------|----------------|--------------------------|--------|-------------|--------------|--------------|
| PSH1 Lib 1:3          |                | <input type="checkbox"/> | ✓      |             |              |              |
| PSH2 Lib 1:5          |                | <input type="checkbox"/> | ✓      |             |              |              |
| P-Leaf-1 sRNA Lib 1:2 |                | <input type="checkbox"/> | ✓      |             |              |              |
| P-Leaf-2 sRNA Lib     |                | <input type="checkbox"/> | ✓      |             |              |              |
| P-Leaf-3 sRNA Lib     |                | <input type="checkbox"/> | ✓      |             |              |              |
| M-Leaf-1 sRNA Lib     |                | <input type="checkbox"/> | ✓      |             |              |              |
| M-Leaf-2 sRNA Lib     |                | <input type="checkbox"/> | ✓      |             |              |              |
| M-Leaf-3 sRNA Lib     |                | <input type="checkbox"/> | ✓      |             |              |              |
| P-Root-1 sRNA Lib     |                | <input type="checkbox"/> | ✓      |             |              |              |
| P-Root-2 sRNA Lib     |                | <input type="checkbox"/> | ✓      |             |              |              |
| P-Root-3 sRNA Lib     |                | <input type="checkbox"/> | ✓      |             |              |              |
| Ladder                |                | <input type="checkbox"/> | ✓      |             |              |              |

**Chip Lot #**

**Reagent Kit Lot #**

**Chip Comments :**

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-08-12\2013-08-12\_002.xad

Created: 8/12/2013 12:22:12 PM  
 Modified: 8/12/2013 5:16:03 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

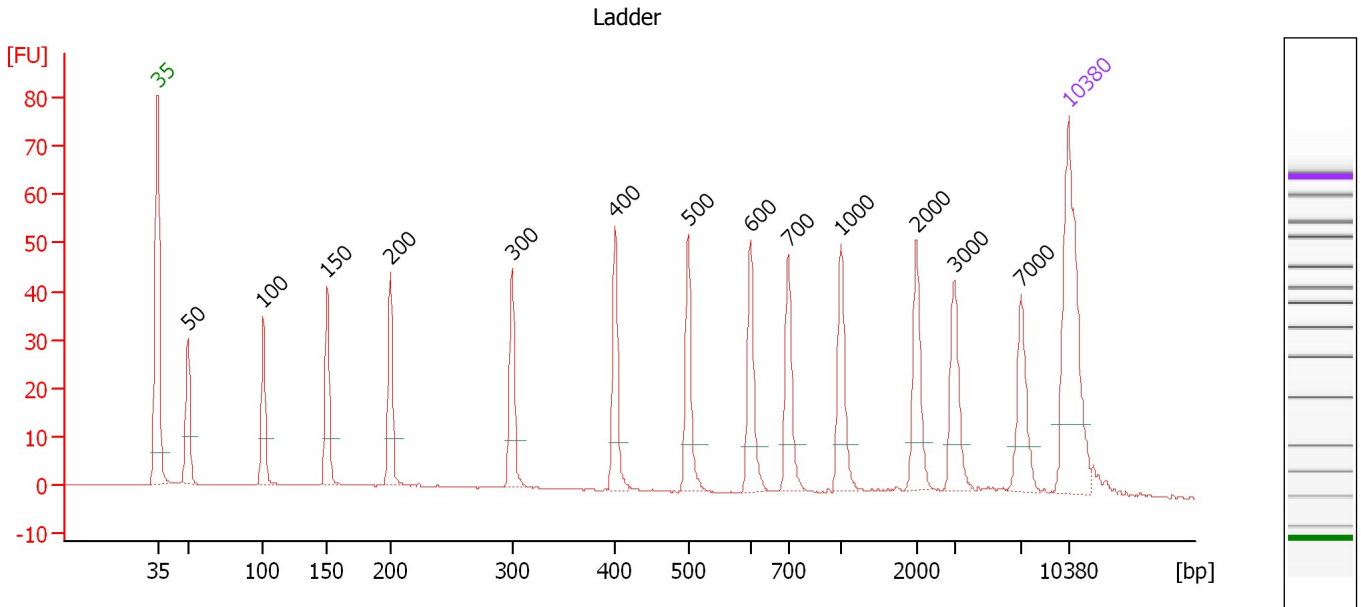
**Ladder**

| 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\2013-08-12\2013-08-12\_002.xad

Created: 8/12/2013 12:22:12 PM  
 Modified: 8/12/2013 5:16:03 PM

**Electropherogram Summary**



**Overall Results for Ladder**

Noise: 0.1

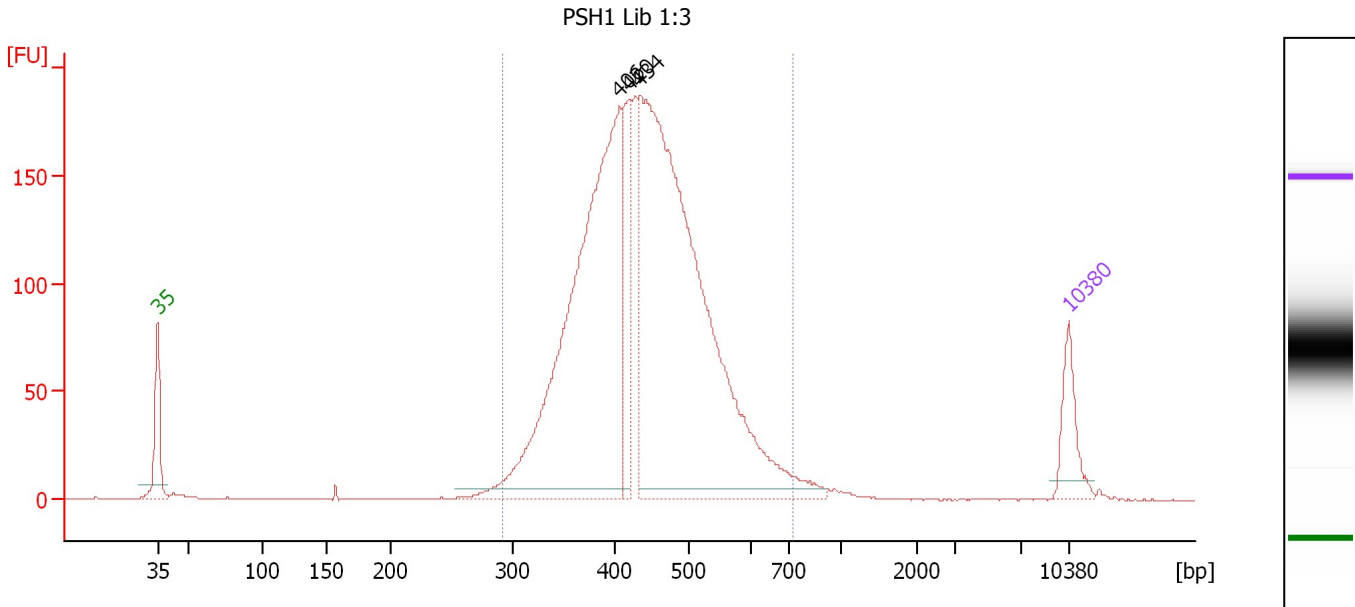
**Peak table for Ladder**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 50        | 150.00        | 4,545.5           | Ladder Peak  |
| 3    | 100       | 150.00        | 2,272.7           | Ladder Peak  |
| 4    | 150       | 150.00        | 1,515.2           | Ladder Peak  |
| 5    | 200       | 150.00        | 1,136.4           | Ladder Peak  |
| 6    | 300       | 150.00        | 757.6             | Ladder Peak  |
| 7    | 400       | 150.00        | 568.2             | Ladder Peak  |
| 8    | 500       | 150.00        | 454.5             | Ladder Peak  |
| 9    | 600       | 150.00        | 378.8             | Ladder Peak  |
| 10   | 700       | 150.00        | 324.7             | Ladder Peak  |
| 11   | 1,000     | 150.00        | 227.3             | Ladder Peak  |
| 12   | 2,000     | 150.00        | 113.6             | Ladder Peak  |
| 13   | 3,000     | 150.00        | 75.8              | Ladder Peak  |
| 14   | 7,000     | 150.00        | 32.5              | Ladder Peak  |
| 15   | 10,380    | 75.00         | 10.9              | Upper Marker |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-08-12\2013-08-12\_002.xad

Created: 8/12/2013 12:22:12 PM  
 Modified: 8/12/2013 5:16:03 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 1 : PSH1 Lib 1:3**

Number of peaks found: 3                      Corr. Area 1: 2,626.7  
 Noise: 0.2

**Peak table for sample 1 : PSH1 Lib 1:3**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 406       | 1,261.27      | 4,701.1           |              |
| 3    | 420       | 197.73        | 712.8             |              |
| 4    | 434       | 1,649.59      | 5,757.1           |              |
| 5    | 10,380    | 75.00         | 10.9              | Upper Marker |

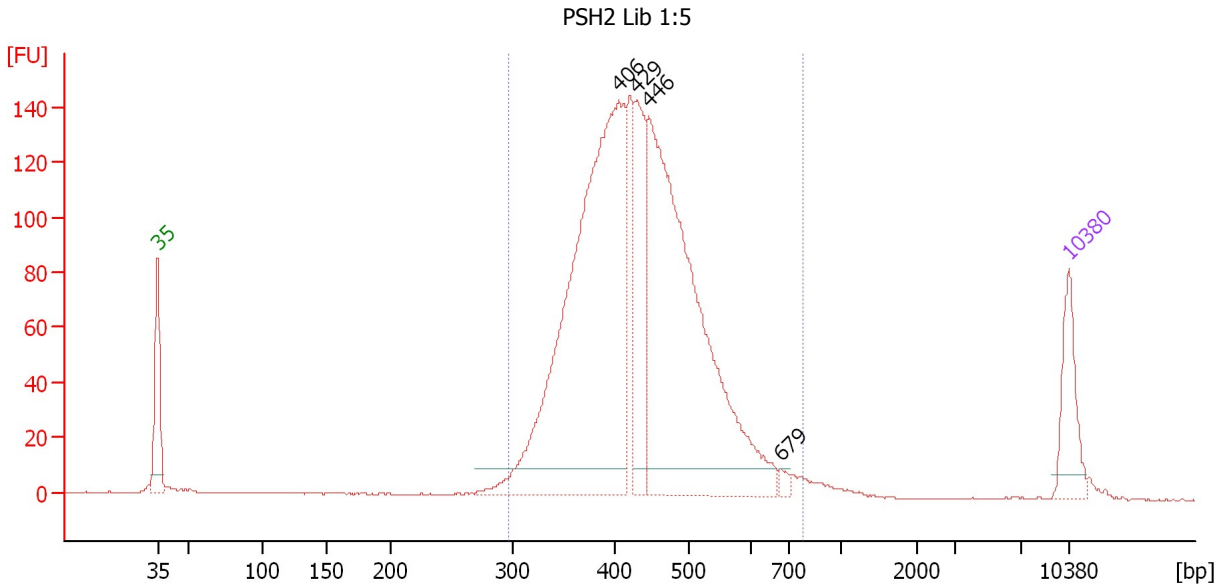
**Region table for sample 1 : PSH1 Lib 1:3**

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 292       | 731     | 442               | 11,393.2          | 3,212.33      | 2,626.7    | 97         | 16.8                        | Blue  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-08-12\2013-08-12\_002.xad

Created: 8/12/2013 12:22:12 PM  
 Modified: 8/12/2013 5:16:03 PM

**Electropherogram Summary Continued ...**



**Setpoint Deviations for sample 2 : PSH2 Lib 1:5**

Height Threshold [FU] : 10

**Overall Results for sample 2 : PSH2 Lib 1:5**

Number of peaks found: 4                      Corr. Area 1: 1,979.5  
 Noise: 0.1

**Peak table for sample 2 : PSH2 Lib 1:5**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 406       | 1,042.79      | 3,893.9           |              |
| 3    | 429       | 197.19        | 695.7             |              |
| 4    | 446       | 923.71        | 3,137.3           |              |
| 5    | 679       | 9.91          | 22.1              |              |
| 6    | 10,380    | 75.00         | 10.9              | Upper Marker |

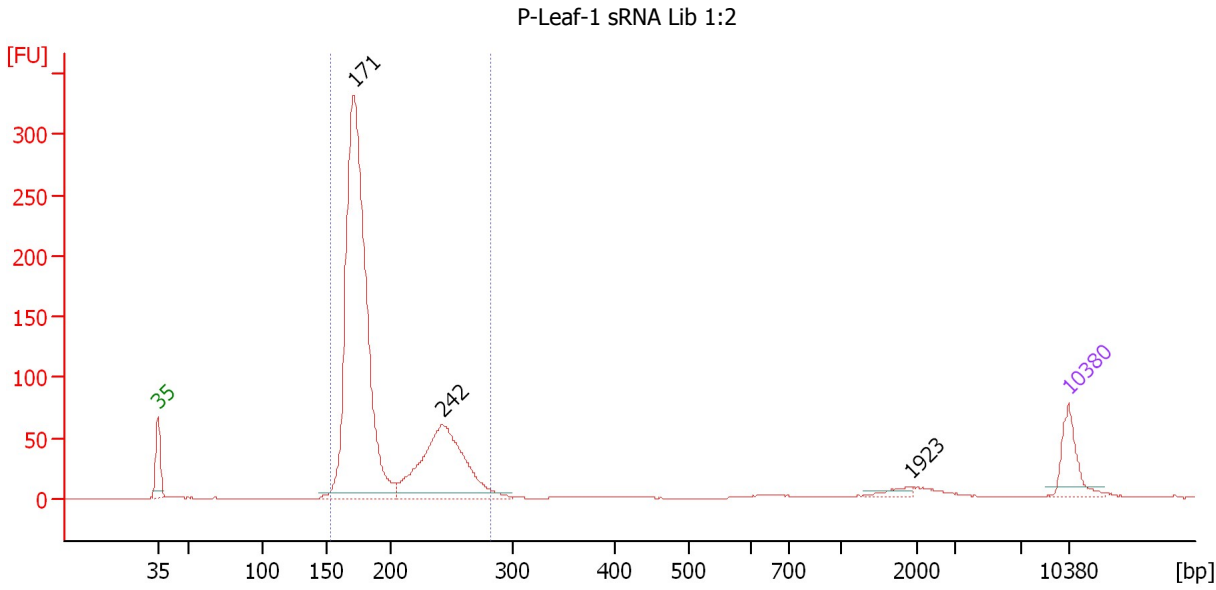
**Region table for sample 2 : PSH2 Lib 1:5**

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 296       | 788     | 438               | 8,332.0           | 2,326.97      | 1,979.5    | 97         | 17.1                        | Blue  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-08-12\2013-08-12\_002.xad

Created: 8/12/2013 12:22:12 PM  
 Modified: 8/12/2013 5:16:03 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 3 : P-Leaf-1 sRNA Lib 1:2**

Number of peaks found: 3                      Corr. Area 1: 1,436.4  
 Noise: 0.1

**Peak table for sample 3 : P-Leaf-1 sRNA Lib 1:2**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 171       | 1,617.55      | 14,323.2          |              |
| 3    | 242       | 514.79        | 3,220.6           |              |
| 4    | 1,923     | 17.36         | 13.7              |              |
| 5    | 10,380    | 75.00         | 10.9              | Upper Marker |

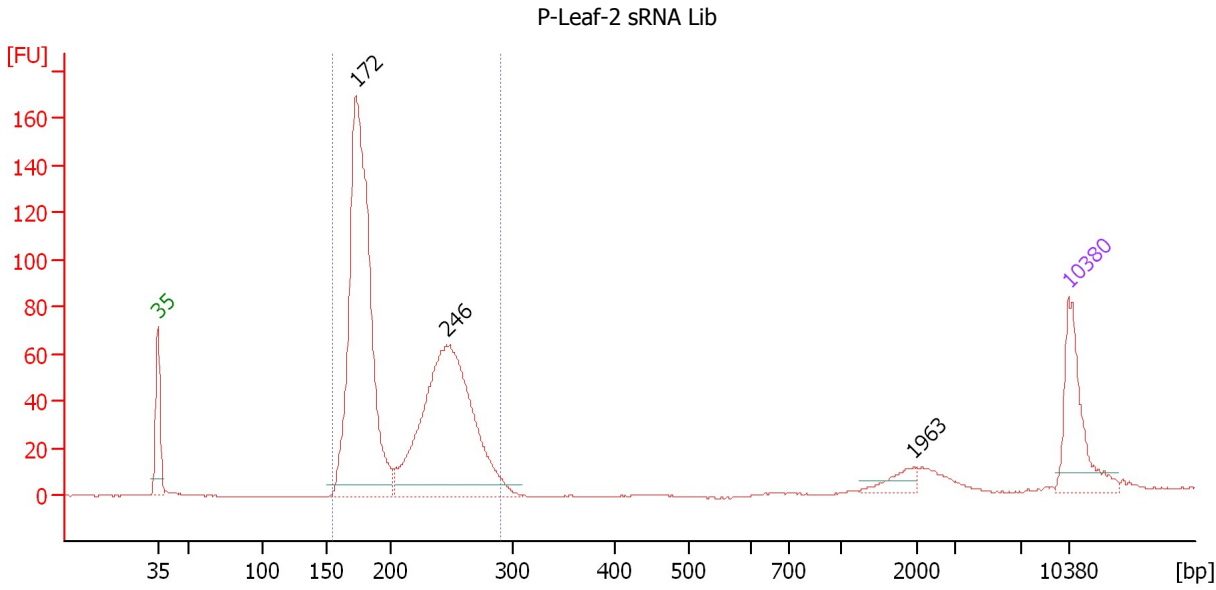
**Region table for sample 3 : P-Leaf-1 sRNA Lib 1:2**

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 153       | 282     | 193               | 17,222.2          | 2,125.11      | 1,436.4    | 87         | 17.0                        | Blue  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-08-12\2013-08-12\_002.xad

Created: 8/12/2013 12:22:12 PM  
 Modified: 8/12/2013 5:16:03 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 4 : P-Leaf-2 sRNA Lib**

Number of peaks found: 3                      Corr. Area 1: 1,022.5  
 Noise: 0.1

**Peak table for sample 4 : P-Leaf-2 sRNA Lib**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 172       | 675.00        | 5,933.6           |              |
| 3    | 246       | 499.97        | 3,080.7           |              |
| 4    | 1,963     | 18.60         | 14.4              |              |
| 5    | 10,380    | 75.00         | 10.9              | Upper Marker |

**Region table for sample 4 : P-Leaf-2 sRNA Lib**

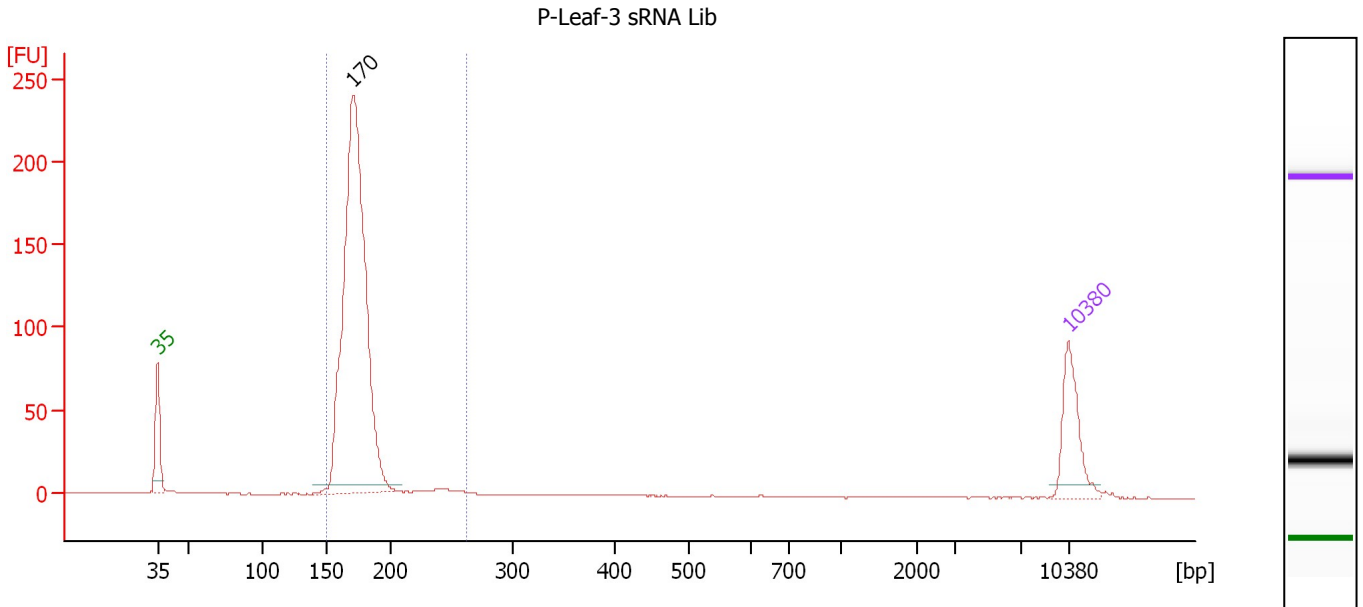
| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 155       | 290     | 210               | 8,755.1           | 1,160.47      | 1,022.5    | 83         | 18.0                        | Blue  |



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-08-12\2013-08-12\_002.xad

Created: 8/12/2013 12:22:12 PM  
 Modified: 8/12/2013 5:16:03 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 5 : P-Leaf-3 sRNA Lib**

Number of peaks found: 1                      Corr. Area 1: 846.2  
 Noise: 0.1

**Peak table for sample 5 : P-Leaf-3 sRNA Lib**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 170       | 996.91        | 8,898.8           |              |
| 3    | 10,380    | 75.00         | 10.9              | Upper Marker |

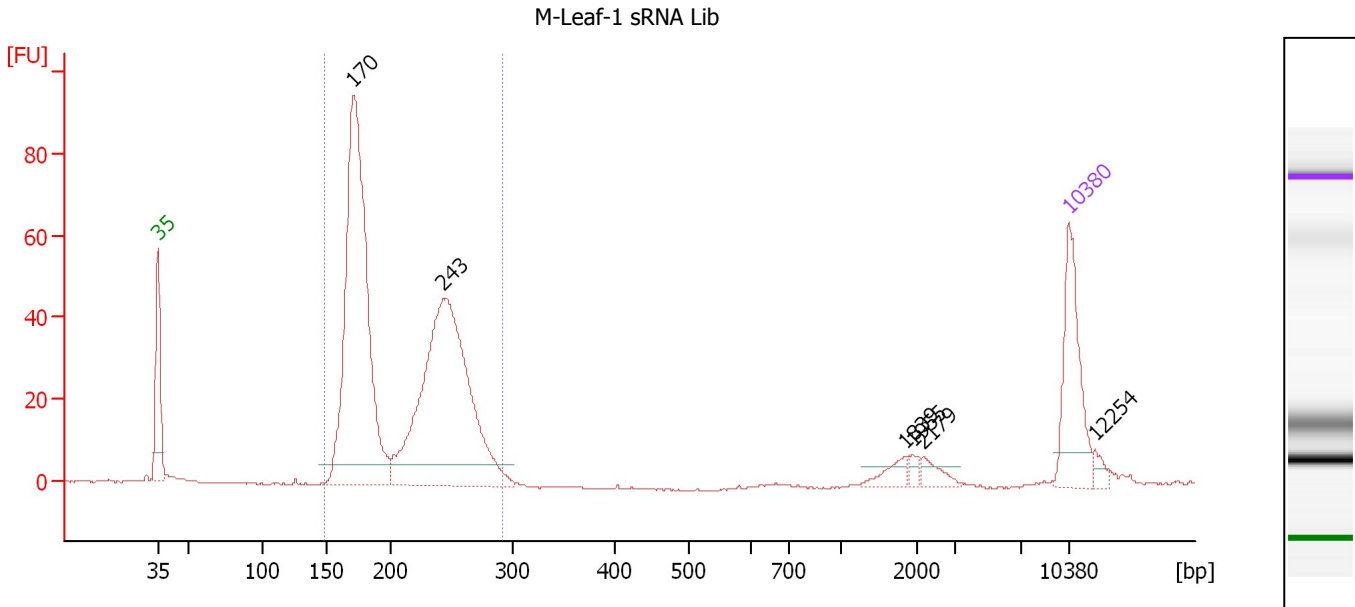
**Region table for sample 5 : P-Leaf-3 sRNA Lib**

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 149       | 263     | 174               | 8,979.8           | 1,026.57      | 846.2      | 94         | 8.0                         | Blue  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-08-12\2013-08-12\_002.xad

Created: 8/12/2013 12:22:12 PM  
 Modified: 8/12/2013 5:16:03 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 6 : M-Leaf-1 sRNA Lib**

Number of peaks found: 6                      Corr. Area 1: 622.4  
 Noise: 0.1

**Peak table for sample 6 : M-Leaf-1 sRNA Lib**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 170       | 572.61        | 5,092.1           |              |
| 3    | 243       | 494.86        | 3,082.8           |              |
| 4    | 1,839     | 15.07         | 12.4              |              |
| 5    | 1,955     | 6.25          | 4.8               |              |
| 6    | 2,179     | 12.90         | 9.0               |              |
| 7    | 10,380    | 75.00         | 10.9              | Upper Marker |
| 8    | 12,254    | 0.00          | 0.0               |              |

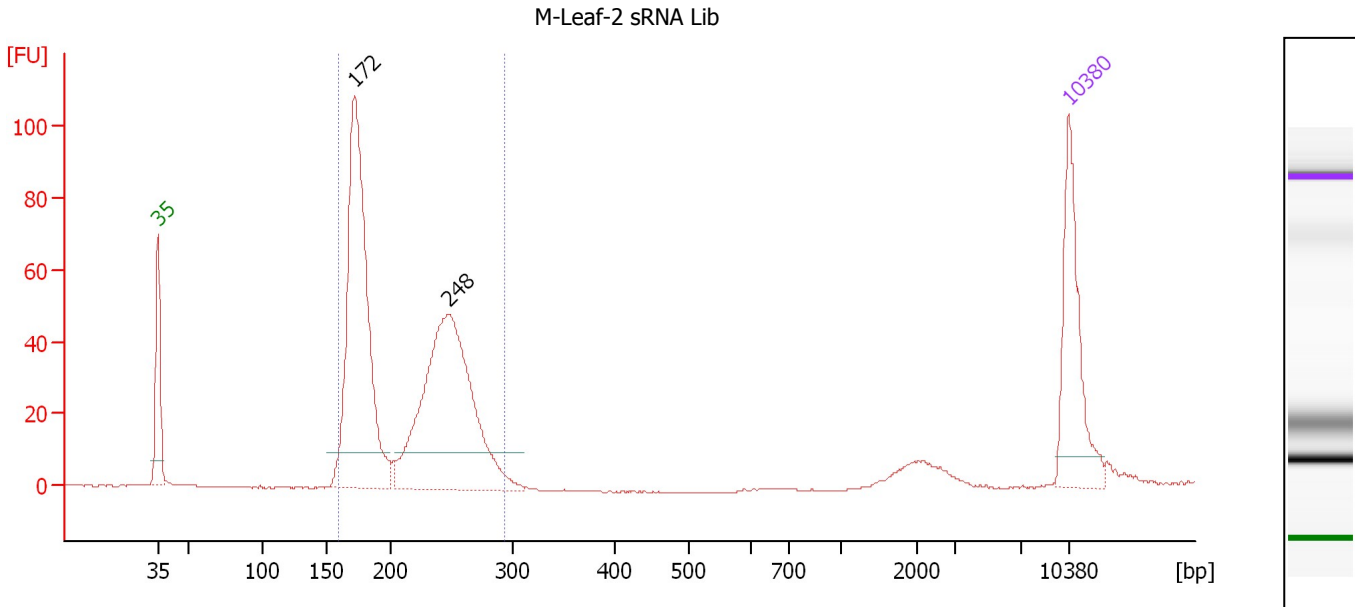
**Region table for sample 6 : M-Leaf-1 sRNA Lib**

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 147       | 292     | 211               | 7,970.3           | 1,057.38      | 622.4      | 81         | 18.3                        | Blue  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-08-12\2013-08-12\_002.xad

Created: 8/12/2013 12:22:12 PM  
 Modified: 8/12/2013 5:16:03 PM

**Electropherogram Summary Continued ...**



**Setpoint Deviations for sample 7 : M-Leaf-2 sRNA Lib**

Height Threshold [FU] : 10

**Overall Results for sample 7 : M-Leaf-2 sRNA Lib**

Number of peaks found: 2                      Corr. Area 1: 658.6  
 Noise: 0.1

**Peak table for sample 7 : M-Leaf-2 sRNA Lib**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 172       | 371.10        | 3,278.4           |              |
| 3    | 248       | 335.70        | 2,053.4           |              |
| 4    | 10,380    | 75.00         | 10.9              | Upper Marker |

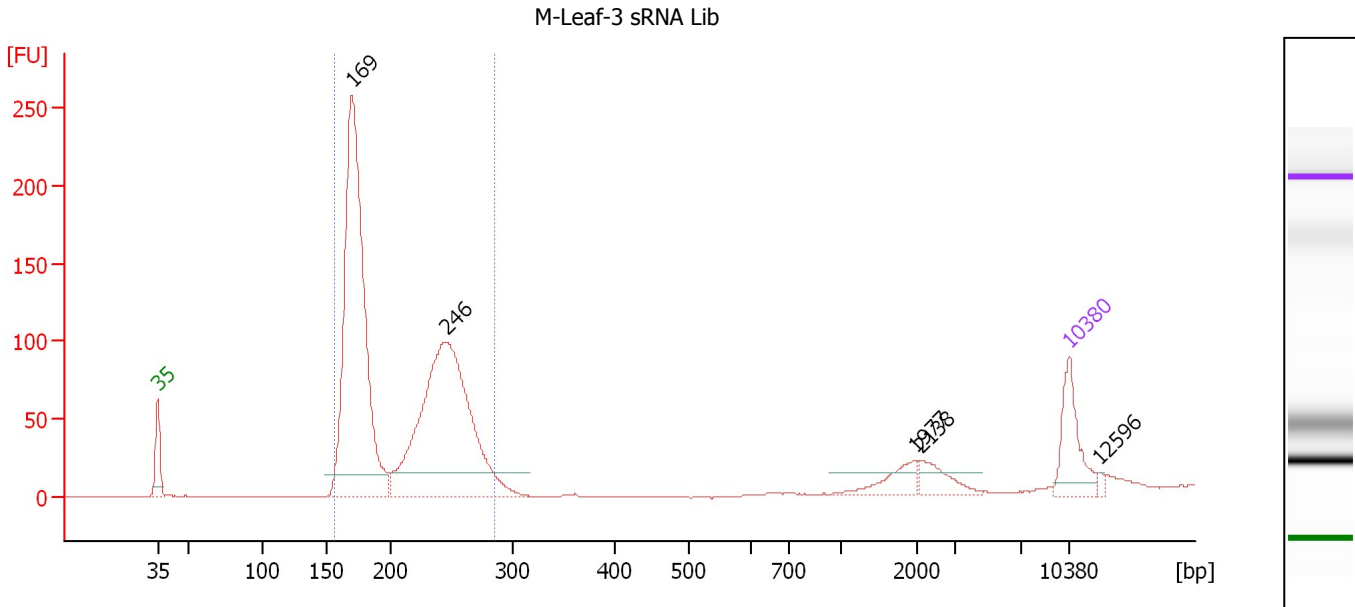
**Region table for sample 7 : M-Leaf-2 sRNA Lib**

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 159       | 293     | 213               | 5,203.9           | 698.60        | 658.6      | 81         | 18.1                        | Blue  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-08-12\2013-08-12\_002.xad

Created: 8/12/2013 12:22:12 PM  
 Modified: 8/12/2013 5:16:03 PM

**Electropherogram Summary Continued ...**



**Setpoint Deviations for sample 8 : M-Leaf-3 sRNA Lib**

Height Threshold [FU] : 15

**Overall Results for sample 8 : M-Leaf-3 sRNA Lib**

Number of peaks found: 5                      Corr. Area 1: 1,440.5  
 Noise: 0.1

**Peak table for sample 8 : M-Leaf-3 sRNA Lib**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 169       | 934.83        | 8,364.8           |              |
| 3    | 246       | 752.11        | 4,638.2           |              |
| 4    | 1,977     | 38.87         | 29.8              |              |
| 5    | 2,138     | 38.86         | 27.5              |              |
| 6    | 10,380    | 75.00         | 10.9              | Upper Marker |
| 7    | 12,596    | 0.00          | 0.0               |              |

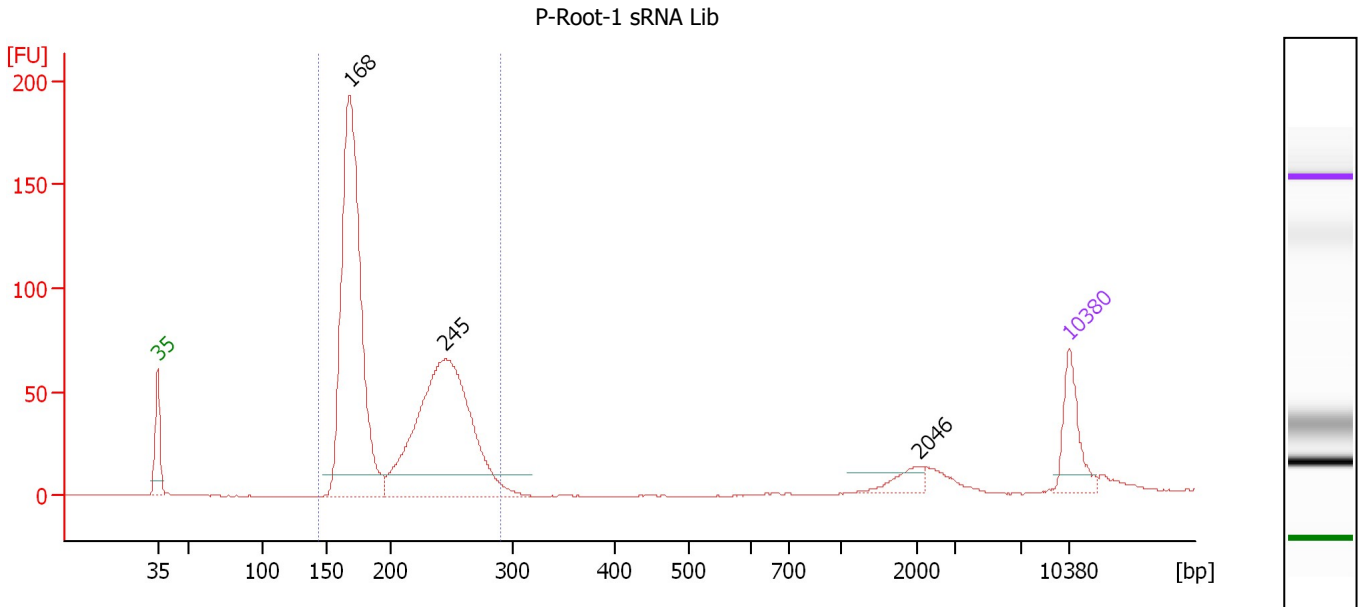
**Region table for sample 8 : M-Leaf-3 sRNA Lib**

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 155       | 285     | 208               | 12,665.7          | 1,659.27      | 1,440.5    | 78         | 18.5                        | Blue  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-08-12\2013-08-12\_002.xad

Created: 8/12/2013 12:22:12 PM  
 Modified: 8/12/2013 5:16:03 PM

**Electropherogram Summary Continued ...**



**Setpoint Deviations for sample 9 : P-Root-1 sRNA Lib**

Height Threshold [FU] : 10

**Overall Results for sample 9 : P-Root-1 sRNA Lib**

Number of peaks found: 3                      Corr. Area 1: 1,056.5  
 Noise: 0.1

**Peak table for sample 9 : P-Root-1 sRNA Lib**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 168       | 968.13        | 8,732.5           |              |
| 3    | 245       | 759.90        | 4,699.5           |              |
| 4    | 2,046     | 33.29         | 24.7              |              |
| 5    | 10,380    | 75.00         | 10.9              | Upper Marker |

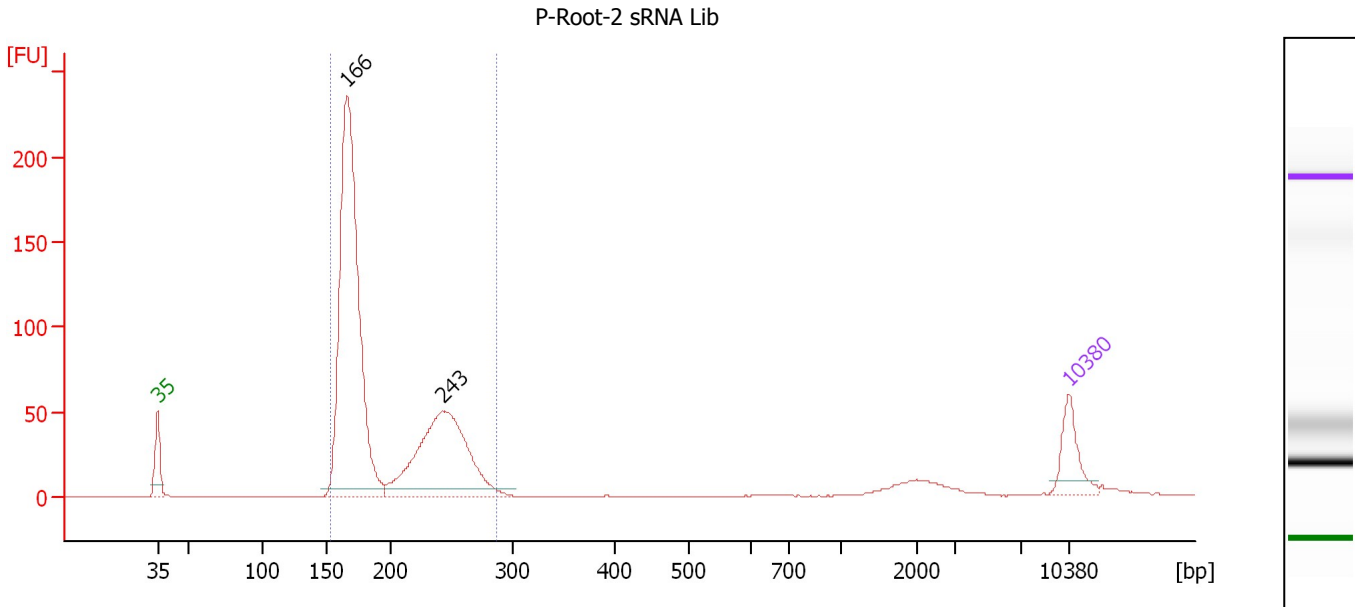
**Region table for sample 9 : P-Root-1 sRNA Lib**

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 143       | 290     | 206               | 13,328.6          | 1,723.08      | 1,056.5    | 82         | 19.2                        | Blue  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-08-12\2013-08-12\_002.xad

Created: 8/12/2013 12:22:12 PM  
 Modified: 8/12/2013 5:16:03 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 10 : P-Root-2 sRNA Lib**

Number of peaks found: 2                      Corr. Area 1: 1,022.0  
 Noise: 0.1

**Peak table for sample 10 : P-Root-2 sRNA Lib**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 166       | 1,294.68      | 11,815.7          |              |
| 3    | 243       | 605.06        | 3,775.7           |              |
| 4    | 10,380    | 75.00         | 10.9              | Upper Marker |

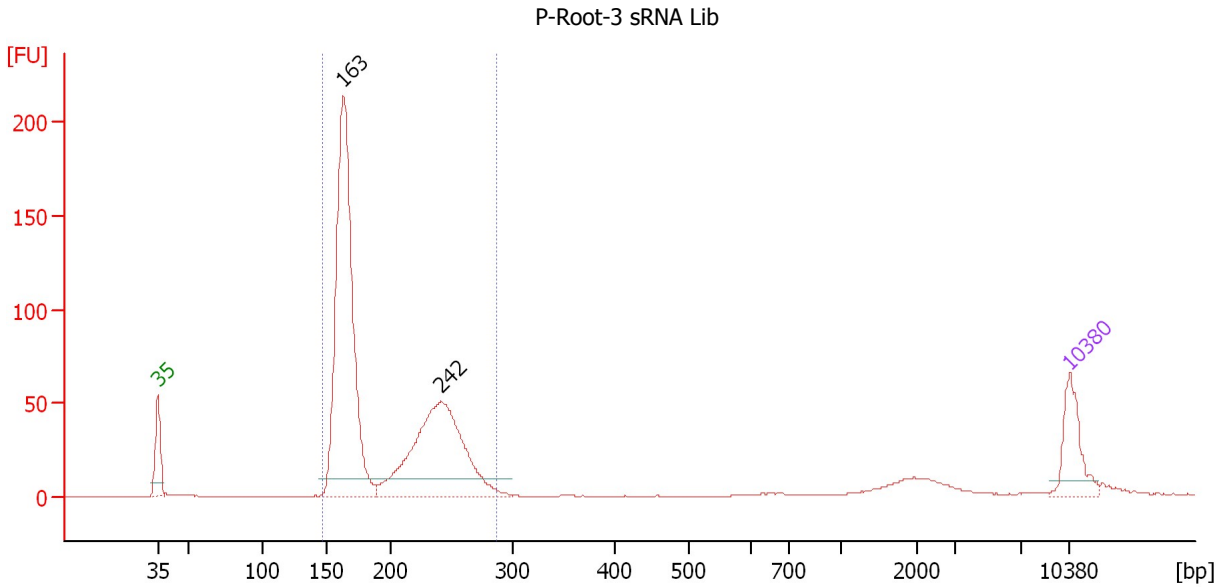
**Region table for sample 10 : P-Root-2 sRNA Lib**

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 153       | 287     | 196               | 15,351.2          | 1,892.10      | 1,022.0    | 84         | 19.3                        | Blue  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-08-12\2013-08-12\_002.xad

Created: 8/12/2013 12:22:12 PM  
 Modified: 8/12/2013 5:16:03 PM

**Electropherogram Summary Continued ...**



**Setpoint Deviations for sample 11 : P-Root-3 sRNA Lib**

Height Threshold [FU] : 10

**Overall Results for sample 11 : P-Root-3 sRNA Lib**

Number of peaks found: 2                      Corr. Area 1: 893.4  
 Noise: 0.1

**Peak table for sample 11 : P-Root-3 sRNA Lib**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 163       | 882.75        | 8,214.6           |              |
| 3    | 242       | 516.64        | 3,236.1           |              |
| 4    | 10,380    | 75.00         | 10.9              | Upper Marker |

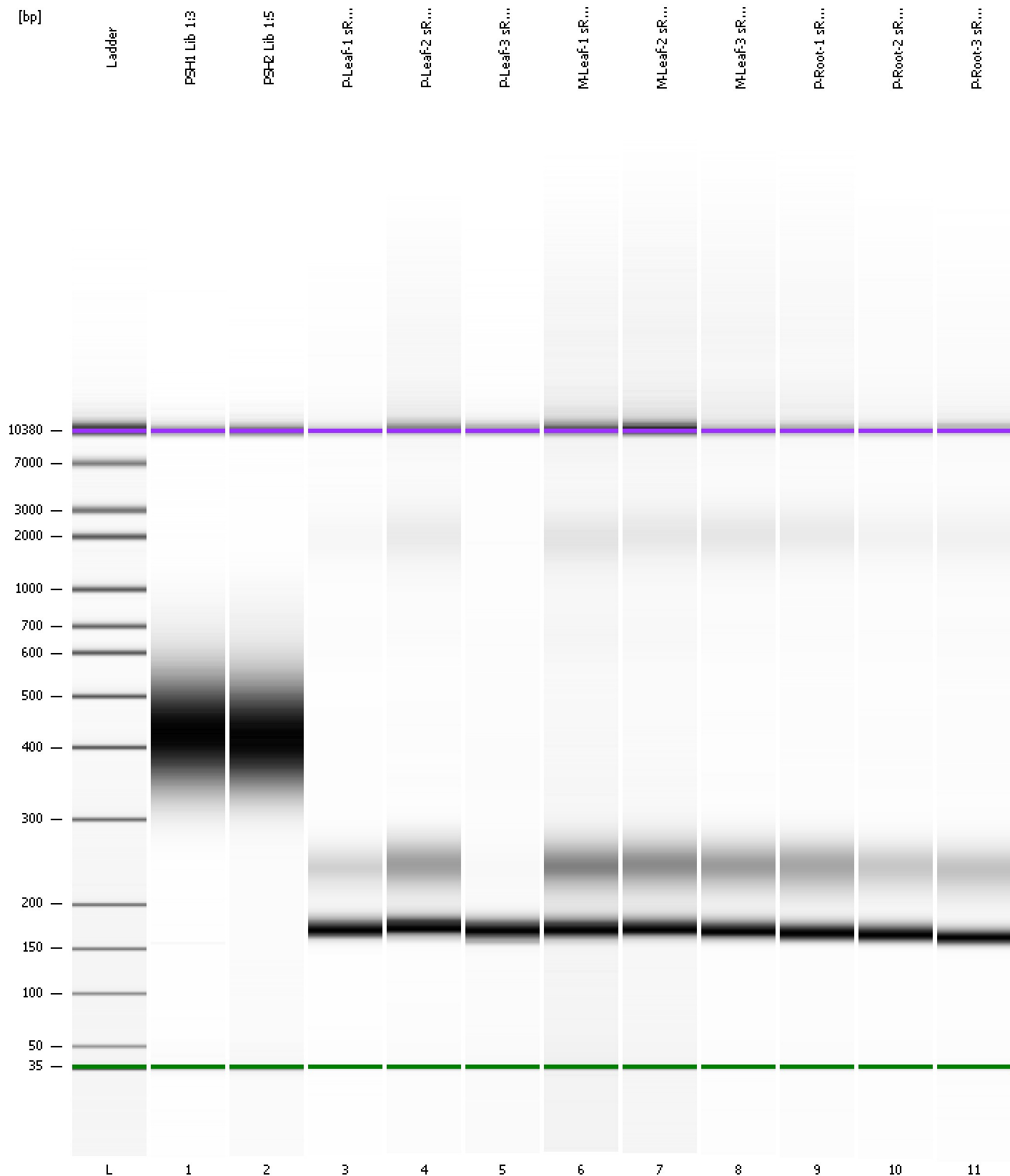
**Region table for sample 11 : P-Root-3 sRNA Lib**

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 146       | 288     | 196               | 11,541.9          | 1,417.45      | 893.4      | 82         | 20.1                        | Blue  |

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2013-08-12\2013-08-12\_002.xad

Created: 8/12/2013 12:22:12 PM  
Modified: 8/12/2013 5:16:03 PM

**Gel Image**





Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-08-12\2013-08-12\_002.xad

Created: 8/12/2013 12:22:12 PM  
 Modified: 8/12/2013 5:16:03 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      |              | 8/12/2013 1:03:30 PM  | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Run started on port 1 (File: C:\Documents and Settings\Bioanalyzer\2013-08-12\2013-08-12_002.xad) |        | Instrument | Run      |              | 8/12/2013 12:22:17 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Product Number : G2938B   |        | Instrument | Run      |              | 8/12/2013 12:22:17 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Name :  |        | Instrument | Run      |              | 8/12/2013 12:22:17 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Vendor : Agilent Technologies   |        | Instrument | Run      |              | 8/12/2013 12:22:17 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Serial# : DE13701086  |        | Instrument | Run      |              | 8/12/2013 12:22:17 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Firmware : C.01.069   |        | Instrument | Run      |              | 8/12/2013 12:22:17 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Cartridge : Electrode   |        | Instrument | Run      |              | 8/12/2013 12:22:17 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |