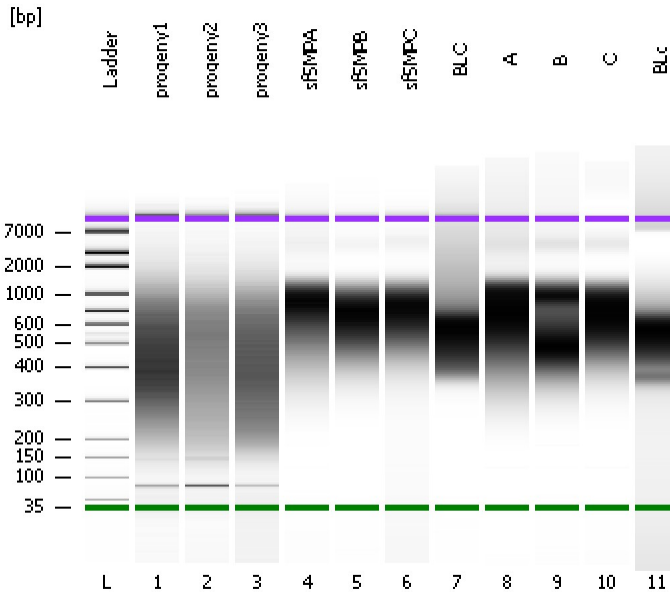


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-07\2014-03-07_003.xad

Created: 3/7/2014 3:43:00 PM
Modified: 3/7/2014 4:44:59 PM

Electrophoresis File Run Summary



Instrument Information:

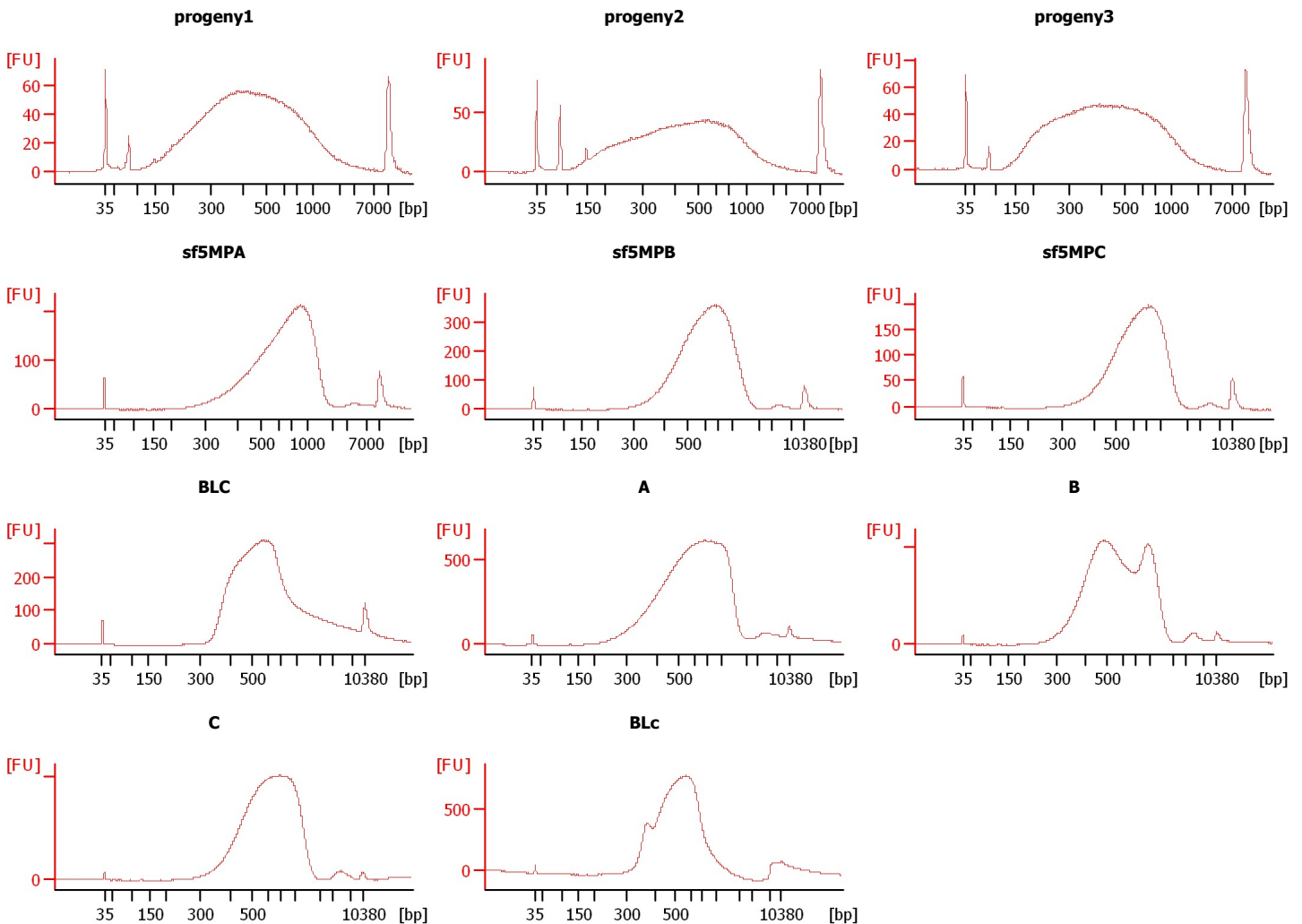
Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

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:



Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-07\2014-03-07_003.xad

Created: 3/7/2014 3:43:00 PM
Modified: 3/7/2014 4:44:59 PM

Electrophoresis File Run Summary (Chip Summary)

| Sample Name | Sample Comment | Rest. Digest | Status | Observation | Result Label | Result Color |
|-------------|----------------|--------------------------|--------|-------------|--------------|--------------|
| progeny1 | | <input type="checkbox"/> | ✓ | | | |
| progeny2 | | <input type="checkbox"/> | ✓ | | | |
| progeny3 | | <input type="checkbox"/> | ✓ | | | |
| sf5MPA | | <input type="checkbox"/> | ✓ | | | |
| sf5MPB | | <input type="checkbox"/> | ✓ | | | |
| sf5MPC | | <input type="checkbox"/> | ✓ | | | |
| BLC | | <input type="checkbox"/> | ✓ | | | |
| A | | <input type="checkbox"/> | ✓ | | | |
| B | | <input type="checkbox"/> | ✓ | | | |
| C | | <input type="checkbox"/> | ✓ | | | |
| BLC | | <input type="checkbox"/> | ✓ | | | |
| Ladder | | <input type="checkbox"/> | ✓ | | | |

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-07\2014-03-07_003.xad

Created: 3/7/2014 3:43:00 PM
Modified: 3/7/2014 4:44:59 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

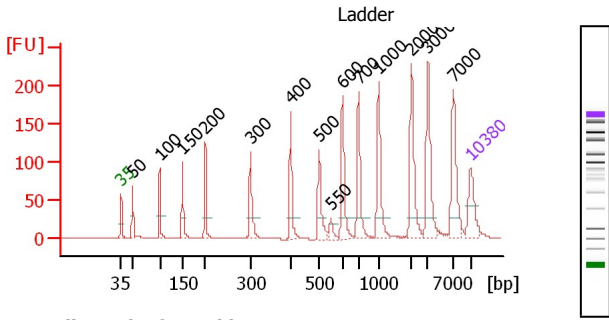
Ladder

| 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\2014-03-07\2014-03-07_003.xad

Created: 3/7/2014 3:43:00 PM
 Modified: 3/7/2014 4:44:59 PM

Electropherogram Summary



Peak table for Ladder

| Peak | Aligned Migration Time | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|------------------------|-----------|---------------|-------------------|--------------|
| 1 | 43.00 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 45.30 | 50 | 150.00 | 4,545.5 | Ladder Peak |
| 3 | 50.70 | 100 | 150.00 | 2,272.7 | Ladder Peak |
| 4 | 55.31 | 150 | 150.00 | 1,515.2 | Ladder Peak |
| 5 | 59.87 | 200 | 150.00 | 1,136.4 | Ladder Peak |
| 6 | 68.92 | 300 | 150.00 | 757.6 | Ladder Peak |
| 7 | 77.00 | 400 | 150.00 | 568.2 | Ladder Peak |
| 8 | 82.69 | 500 | 150.00 | 454.5 | Ladder Peak |
| 9 | 85.03 | 550 | 0.00 | 0.0 | |
| 10 | 87.38 | 600 | 150.00 | 378.8 | Ladder Peak |
| 11 | 90.56 | 700 | 150.00 | 324.7 | Ladder Peak |
| 12 | 94.62 | 1,000 | 150.00 | 227.3 | Ladder Peak |
| 13 | 101.19 | 2,000 | 150.00 | 113.6 | Ladder Peak |
| 14 | 104.50 | 3,000 | 150.00 | 75.8 | Ladder Peak |

Overall Results for Ladder

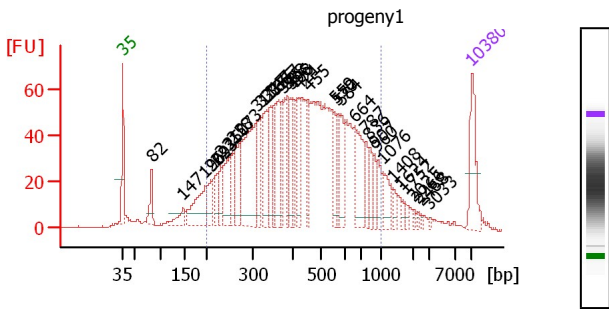
Noise: 0.1

| Peak | Aligned Migration Time | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|------------------------|-----------|---------------|-------------------|--------------|
| 15 | 109.65 | 7,000 | 150.00 | 32.5 | Ladder Peak |
| 16 | 113.00 | 10,380 | 75.00 | 10.9 | Upper Marker |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-07\2014-03-07_003.xad

Created: 3/7/2014 3:43:00 PM
 Modified: 3/7/2014 4:44:59 PM

Electropherogram Summary Continued ...



Peak table for sample 1 : progeny1

| Peak | Aligned Migration Time | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|------------------------|-----------|---------------|-------------------|--------------|
| 1 | 43.00 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 48.78 | 82 | 63.14 | 1,164.2 | |
| 3 | 55.02 | 147 | 40.33 | 416.2 | |
| 4 | 59.50 | 196 | 129.71 | 1,003.3 | |
| 5 | 60.71 | 209 | 61.61 | 446.1 | |
| 6 | 61.97 | 223 | 41.86 | 284.2 | |
| 7 | 62.72 | 231 | 45.19 | 295.8 | |
| 8 | 64.35 | 250 | 103.08 | 625.9 | |
| 9 | 65.11 | 258 | 56.47 | 331.8 | |
| 10 | 66.44 | 273 | 99.96 | 555.4 | |
| 11 | 69.84 | 311 | 293.21 | 1,426.7 | |
| 12 | 70.63 | 321 | 76.42 | 360.5 | |
| 13 | 71.89 | 337 | 110.96 | 499.2 | |
| 14 | 72.68 | 347 | 75.27 | 329.0 | |
| 15 | 73.39 | 355 | 62.83 | 267.8 | |
| 16 | 74.32 | 367 | 100.46 | 414.9 | |
| 17 | 74.94 | 375 | 53.71 | 217.2 | |
| 18 | 76.03 | 388 | 65.73 | 256.6 | |
| 19 | 76.70 | 396 | 52.13 | 199.3 | |
| 20 | 77.16 | 403 | 59.44 | 223.5 | |
| 21 | 78.17 | 421 | 59.00 | 212.6 | |
| 22 | 80.14 | 455 | 48.50 | 161.5 | |
| 23 | 85.45 | 559 | 39.26 | 106.4 | |
| 24 | 85.95 | 570 | 41.01 | 109.1 | |
| 25 | 86.62 | 584 | 61.71 | 160.1 | |
| 26 | 89.43 | 664 | 120.40 | 274.5 | |

Overall Results for sample 1 : progeny1

Number of peaks found: 37
 Noise: 0.3
 Corr. Area 1: 2,102.2

Region table for sample 1 : progeny1

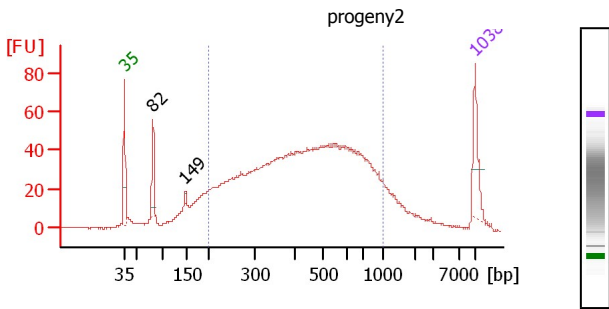
| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Size distribution Total in CV [%] |
|-----------|---------|-------------------|-------------------|---------------|------------|----------------------------------------|
| 200 | 1,000 | 457 | 11,009.7 | 2,736.2 | 2,102.84 | 37.7 |

| Peak | Aligned Migration Time | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|------------------------|-----------|---------------|-------------------|--------------|
| 27 | 91.73 | 787 | 31.79 | 61.2 | |
| 28 | 92.40 | 836 | 37.29 | 67.6 | |
| 29 | 93.36 | 907 | 23.39 | 39.1 | |
| 30 | 94.08 | 960 | 36.70 | 57.9 | |
| 31 | 95.12 | 1,076 | 40.34 | 56.8 | |
| 32 | 97.30 | 1,408 | 12.24 | 13.2 | |
| 33 | 98.72 | 1,624 | 10.30 | 9.6 | |
| 34 | 99.56 | 1,752 | 9.75 | 8.4 | |
| 35 | 101.28 | 2,025 | 4.02 | 3.0 | |
| 36 | 102.07 | 2,266 | 4.83 | 3.2 | |
| 37 | 102.74 | 2,468 | 3.49 | 2.1 | |
| 38 | 104.54 | 3,033 | 2.58 | 1.3 | |
| 39 | 113.00 | 10,380 | 75.00 | 10.9 | Upper Marker |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-07\2014-03-07_003.xad

Created: 3/7/2014 3:43:00 PM
 Modified: 3/7/2014 4:44:59 PM

Electropherogram Summary Continued ...



Peak table for sample 2 : progeny2

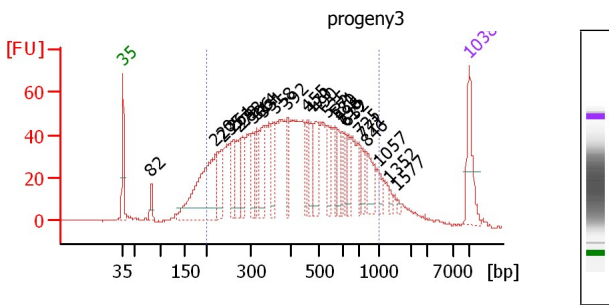
| Peak | Aligned Migration Time | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|------------------------|-----------|---------------|-------------------|--------------|
| 1 | 43.00 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 48.71 | 82 | 109.06 | 2,026.1 | |
| 3 | 55.17 | 149 | 8.27 | 84.3 | |
| 4 | 113.00 | 10,380 | 75.00 | 10.9 | Upper Marker |

Overall Results for sample 2 : progeny2

Number of peaks found: 2
 Noise: 0.2
 Corr. Area 1: 1,629.2

Region table for sample 2 : progeny2

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Size distribution Total in CV [%] |
|-----------|---------|-------------------|-------------------|---------------|------------|----------------------------------------|
| 200 | 1,000 | 469 | 8,783.7 | 2,192.6 | 1,629.79 | 38.6 |



Peak table for sample 3 : progeny3

| Peak | Aligned Migration Time | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|------------------------|-----------|---------------|-------------------|--------------|
| 1 | 43.00 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 48.75 | 82 | 34.40 | 636.4 | |
| 3 | 61.68 | 220 | 318.98 | 2,196.5 | |
| 4 | 63.04 | 235 | 89.49 | 577.0 | |
| 5 | 65.36 | 261 | 59.33 | 344.8 | |
| 6 | 66.42 | 272 | 78.41 | 436.2 | |
| 7 | 67.26 | 282 | 59.26 | 318.7 | |
| 8 | 69.38 | 306 | 61.78 | 306.2 | |
| 9 | 70.01 | 314 | 42.67 | 206.2 | |
| 10 | 71.45 | 331 | 77.63 | 355.0 | |
| 11 | 73.56 | 358 | 70.43 | 298.5 | |
| 12 | 76.31 | 392 | 48.81 | 188.9 | |
| 13 | 80.11 | 455 | 39.15 | 130.5 | |
| 14 | 80.96 | 470 | 35.52 | 114.6 | |
| 15 | 82.10 | 490 | 61.90 | 191.5 | |
| 16 | 84.34 | 535 | 53.20 | 150.6 | |
| 17 | 86.03 | 571 | 31.35 | 83.1 | |
| 18 | 86.45 | 580 | 27.90 | 72.8 | |
| 19 | 87.17 | 596 | 26.47 | 67.3 | |
| 20 | 87.98 | 619 | 25.89 | 63.4 | |
| 21 | 88.40 | 632 | 44.48 | 106.6 | |
| 22 | 90.89 | 725 | 30.49 | 63.8 | |
| 23 | 91.53 | 771 | 21.52 | 42.3 | |
| 24 | 92.54 | 846 | 50.88 | 91.1 | |
| 25 | 94.99 | 1,057 | 11.60 | 16.6 | |

Overall Results for sample 3 : progeny3

Number of peaks found: 26
 Noise: 0.4
 Corr. Area 1: 1,980.8

Region table for sample 3 : progeny3

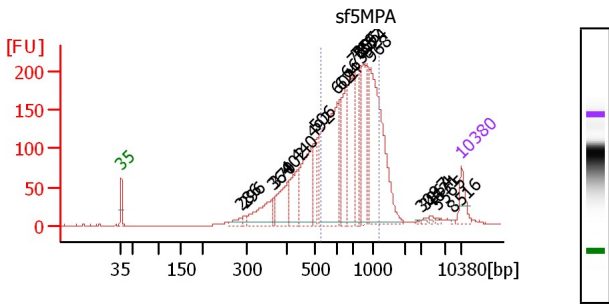
| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Size distribution Total in CV [%] |
|-----------|---------|-------------------|-------------------|---------------|------------|----------------------------------------|
| 200 | 1,000 | 448 | 9,911.4 | 2,374.7 | 1,980.85 | 39.5 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-07\2014-03-07_003.xad

Created: 3/7/2014 3:43:00 PM
 Modified: 3/7/2014 4:44:59 PM

Electropherogram Summary Continued ...

| Peak | Aligned Migration Time | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|------------------------|-----------|---------------|-------------------|--------------|
| 26 | 96.94 | 1,352 | 7.52 | 8.4 | |
| 27 | 98.42 | 1,577 | 4.30 | 4.1 | |
| 28 | 113.00 | 10,380 | 75.00 | 10.9 | Upper Marker |



Overall Results for sample 4 : sf5MPA

Number of peaks found: 22
 Noise: 0.3
 Corr. Area 1: 2,349.3

Region table for sample 4 : sf5MPA

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|
| 529 | 1,178 | 756 | 4,969.1 | 2,340.7 | 2,349.59 | 22.6 | |

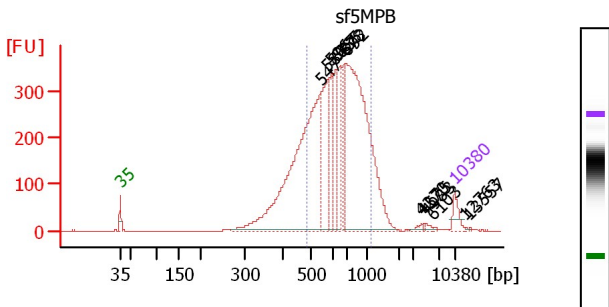
Peak table for sample 4 : sf5MPA

| Peak | Aligned Migration Time | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|------------------------|-----------|---------------|-------------------|--------------|
| 1 | 43.00 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 67.61 | 286 | 42.16 | 223.7 | |
| 3 | 68.55 | 296 | 17.15 | 87.8 | |
| 4 | 74.09 | 364 | 199.68 | 831.0 | |
| 5 | 74.61 | 370 | 33.25 | 136.0 | |
| 6 | 77.10 | 402 | 177.18 | 668.1 | |
| 7 | 79.25 | 440 | 210.00 | 723.9 | |
| 8 | 82.25 | 492 | 353.04 | 1,086.5 | |
| 9 | 82.98 | 506 | 87.80 | 262.8 | |
| 10 | 87.40 | 601 | 648.07 | 1,634.2 | |
| 11 | 88.13 | 624 | 141.33 | 343.3 | |
| 12 | 89.38 | 663 | 268.03 | 612.6 | |
| 13 | 90.63 | 705 | 280.80 | 603.6 | |
| 14 | 91.36 | 759 | 198.96 | 397.3 | |
| 15 | 92.00 | 806 | 128.01 | 240.5 | |
| 16 | 92.69 | 857 | 233.02 | 411.9 | |
| 17 | 93.59 | 924 | 147.60 | 242.1 | |
| 18 | 94.19 | 968 | 678.38 | 1,061.6 | |
| 19 | 104.63 | 3,097 | 5.79 | 2.8 | |
| 20 | 105.61 | 3,864 | 8.88 | 3.5 | |
| 21 | 106.60 | 4,631 | 7.75 | 2.5 | |
| 22 | 107.80 | 5,565 | 6.12 | 1.7 | |
| 23 | 111.15 | 8,516 | 3.41 | 0.6 | |
| 24 | 113.00 | 10,380 | 75.00 | 10.9 | Upper Marker |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-07\2014-03-07_003.xad

Created: 3/7/2014 3:43:00 PM
 Modified: 3/7/2014 4:44:59 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : sf5MPB

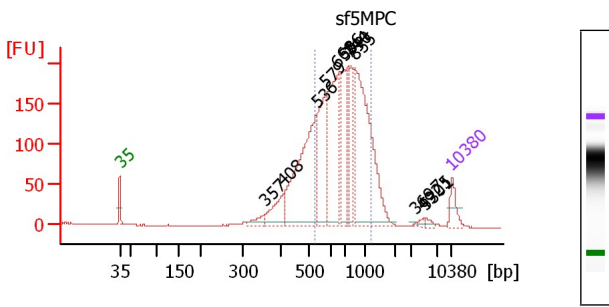
Number of peaks found: 13
 Noise: 0.4
 Corr. Area 1: 4,828.3

Region table for sample 5 : sf5MPB

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Size distribution Total in CV [%] |
|-----------|---------|-------------------|-------------------|---------------|------------|----------------------------------------|
| 486 | 1,157 | 691 | 10,448.9 | 4,494.7 | 4,828.72 | 23.2 |

Peak table for sample 5 : sf5MPB

| Peak | Aligned Migration Time | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|------------------------|-----------|---------------|-------------------|--------------|
| 1 | 43.00 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 84.89 | 547 | 2,260.52 | 6,263.1 | |
| 3 | 86.46 | 580 | 555.80 | 1,450.8 | |
| 4 | 87.20 | 596 | 280.45 | 712.6 | |
| 5 | 88.25 | 627 | 353.95 | 854.6 | |
| 6 | 89.13 | 655 | 314.14 | 726.7 | |
| 7 | 89.87 | 678 | 218.62 | 488.3 | |
| 8 | 90.31 | 692 | 2,180.64 | 4,774.0 | |
| 9 | 106.14 | 4,270 | 14.90 | 5.3 | |
| 10 | 106.53 | 4,575 | 6.79 | 2.2 | |
| 11 | 107.05 | 4,983 | 12.98 | 3.9 | |
| 12 | 108.50 | 6,103 | 4.75 | 1.2 | |
| 13 | 113.00 | 10,380 | 75.00 | 10.9 | Upper Marker |
| 14 | 115.36 | 12,763 | 0.00 | 0.0 | |
| 15 | 116.15 | 13,557 | 0.00 | 0.0 | |



Overall Results for sample 6 : sf5MPC

Number of peaks found: 12
 Noise: 0.3
 Corr. Area 1: 2,331.2

Region table for sample 6 : sf5MPC

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Size distribution Total in CV [%] |
|-----------|---------|-------------------|-------------------|---------------|------------|----------------------------------------|
| 530 | 1,174 | 737 | 6,057.8 | 2,795.2 | 2,331.66 | 22.2 |

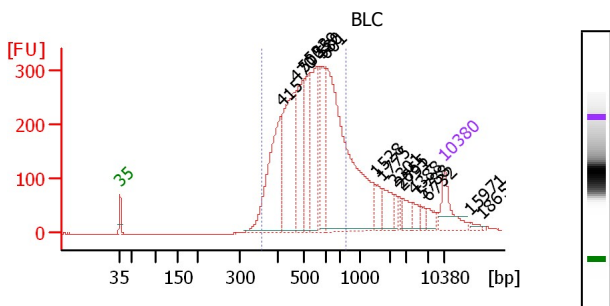
Peak table for sample 6 : sf5MPC

| Peak | Aligned Migration Time | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|------------------------|-----------|---------------|-------------------|--------------|
| 1 | 43.00 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 73.54 | 357 | 68.29 | 289.6 | |
| 3 | 77.45 | 408 | 179.74 | 667.5 | |
| 4 | 84.39 | 536 | 942.10 | 2,661.3 | |
| 5 | 86.37 | 579 | 416.82 | 1,091.7 | |
| 6 | 88.96 | 650 | 648.25 | 1,511.4 | |
| 7 | 90.11 | 686 | 363.97 | 804.2 | |
| 8 | 91.16 | 744 | 155.88 | 317.3 | |
| 9 | 91.78 | 790 | 164.02 | 314.6 | |
| 10 | 92.65 | 855 | 1,031.53 | 1,828.5 | |
| 11 | 105.40 | 3,697 | 4.49 | 1.8 | |
| 12 | 106.98 | 4,925 | 13.29 | 4.1 | |
| 13 | 107.46 | 5,301 | 15.48 | 4.4 | |
| 14 | 113.00 | 10,380 | 75.00 | 10.9 | Upper Marker |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-07\2014-03-07_003.xad

Created: 3/7/2014 3:43:00 PM
 Modified: 3/7/2014 4:44:59 PM

Electropherogram Summary Continued ...



Peak table for sample 7 : BLC

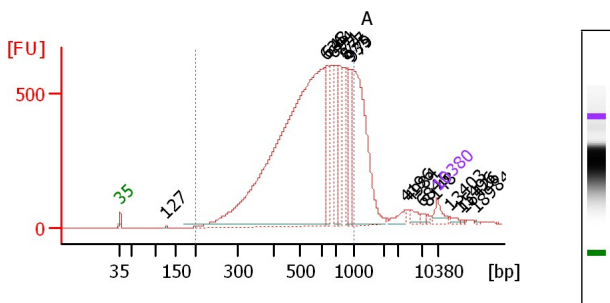
| Peak | Aligned Migration Time | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|------------------------|-----------|---------------|-------------------|--------------|
| 1 | 43.00 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 77.86 | 415 | 425.16 | 1,551.2 | |
| 3 | 80.97 | 470 | 428.06 | 1,380.4 | |
| 4 | 82.68 | 500 | 255.70 | 775.0 | |
| 5 | 83.77 | 523 | 149.77 | 433.9 | |
| 6 | 85.48 | 559 | 281.40 | 762.1 | |
| 7 | 86.42 | 580 | 152.03 | 397.4 | |
| 8 | 87.41 | 601 | 828.05 | 2,087.0 | |
| 9 | 98.09 | 1,528 | 49.67 | 49.3 | |
| 10 | 99.71 | 1,775 | 60.79 | 51.9 | |
| 11 | 102.19 | 2,301 | 20.93 | 13.8 | |
| 12 | 103.36 | 2,655 | 11.62 | 6.6 | |
| 13 | 103.81 | 2,791 | 41.16 | 22.3 | |
| 14 | 106.29 | 4,388 | 25.77 | 8.9 | |
| 15 | 108.09 | 5,788 | 16.87 | 4.4 | |
| 16 | 109.31 | 6,732 | 23.46 | 5.3 | |
| 17 | 113.00 | 10,380 | 75.00 | 10.9 | Upper Marker |
| 18 | 118.54 | 15,971 | 0.00 | 0.0 | |
| 19 | 121.20 | 18,653 | 0.00 | 0.0 | |

Overall Results for sample 7 : BLC

Number of peaks found: 17
 Noise: 0.2
 Corr. Area 1: 5,202.8

Region table for sample 7 : BLC

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Size distribution Total in CV [%] |
|-----------|---------|-------------------|-------------------|---------------|------------|----------------------------------------|
| 360 | 791 | 529 | 6,750.9 | 2,247.3 | 5,202.76 | 18.8 |



Peak table for sample 8 : A

| Peak | Aligned Migration Time | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|------------------------|-----------|---------------|-------------------|--------------|
| 1 | 43.00 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 53.18 | 127 | 6.37 | 76.1 | |
| 3 | 88.21 | 626 | 4,959.61 | 12,002.8 | |
| 4 | 88.90 | 648 | 347.69 | 813.2 | |
| 5 | 90.37 | 694 | 331.47 | 723.5 | |
| 6 | 91.53 | 771 | 241.75 | 474.9 | |
| 7 | 92.95 | 877 | 223.51 | 386.2 | |
| 8 | 93.74 | 935 | 215.48 | 349.3 | |
| 9 | 94.34 | 979 | 1,282.90 | 1,985.5 | |
| 10 | 106.04 | 4,196 | 67.39 | 24.3 | |
| 11 | 107.06 | 4,984 | 53.18 | 16.2 | |
| 12 | 109.45 | 6,845 | 22.36 | 4.9 | |
| 13 | 110.79 | 8,148 | 8.97 | 1.7 | |
| 14 | 113.00 | 10,380 | 75.00 | 10.9 | Upper Marker |
| 15 | 116.00 | 13,403 | 0.00 | 0.0 | |
| 16 | 118.07 | 15,496 | 0.00 | 0.0 | |
| 17 | 118.99 | 16,426 | 0.00 | 0.0 | |
| 18 | 121.53 | 18,984 | 0.00 | 0.0 | |

Overall Results for sample 8 : A

Number of peaks found: 16
 Noise: 0.3
 Corr. Area 1: 12,646.9

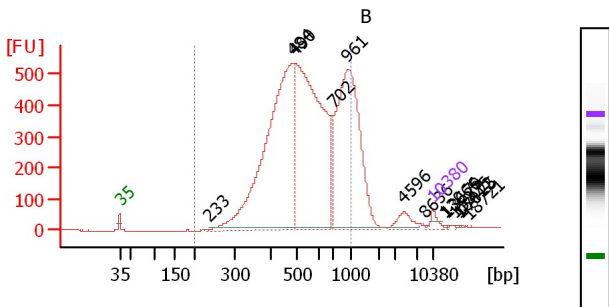
Region table for sample 8 : A

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Size distribution Total in CV [%] |
|-----------|---------|-------------------|-------------------|---------------|------------|----------------------------------------|
| 200 | 1,000 | 583 | 24,499.8 | 8,231.2 | 12,646.84 | 30.3 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-07\2014-03-07_003.xad

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 Modified: 3/7/2014 4:44:59 PM

Electropherogram Summary Continued ...



Peak table for sample 9 : B

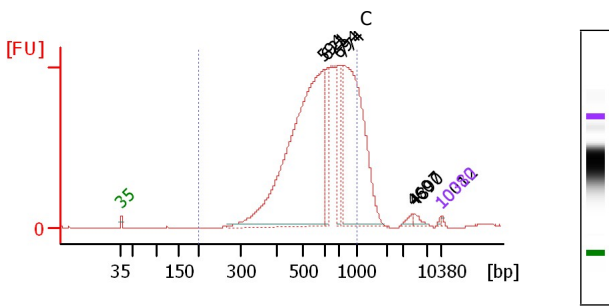
| Peak | Aligned Migration Time | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|------------------------|-----------|---------------|-------------------|--------------|
| 1 | 43.00 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 62.89 | 233 | 8.01 | 52.0 | |
| 3 | 81.76 | 484 | 5,899.90 | 18,482.1 | |
| 4 | 82.13 | 490 | 5,635.42 | 17,417.3 | |
| 5 | 90.59 | 702 | 293.44 | 633.5 | |
| 6 | 94.09 | 961 | 3,494.73 | 5,512.3 | |
| 7 | 106.56 | 4,596 | 181.38 | 59.8 | |
| 8 | 111.27 | 8,636 | 8.04 | 1.4 | |
| 9 | 113.00 | 10,380 | 75.00 | 10.9 | Upper Marker |
| 10 | 115.66 | 13,066 | 0.00 | 0.0 | |
| 11 | 116.27 | 13,679 | 0.00 | 0.0 | |
| 12 | 117.95 | 15,375 | 0.00 | 0.0 | |
| 13 | 118.98 | 16,412 | 0.00 | 0.0 | |
| 14 | 119.58 | 17,025 | 0.00 | 0.0 | |
| 15 | 121.27 | 18,721 | 0.00 | 0.0 | |

Overall Results for sample 9 : B

Number of peaks found: 13
 Noise: 1.0
 Corr. Area 1: 11,155.1

Region table for sample 9 : B

| From To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Size distribution Total in CV [%] |
|--------------|-------------------|-------------------|---------------|------------|----------------------------------------|
| 200 - 1,000 | 564 | 41,224.08 | 13,651.08 | 11,155.87 | 30.5 |



Peak table for sample 10 : C

| Peak | Aligned Migration Time | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|------------------------|-----------|---------------|-------------------|--------------|
| 1 | 43.00 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 87.10 | 594 | 30,923.92 | 78,876.4 | |
| 3 | 88.06 | 621 | 3,130.53 | 7,634.5 | |
| 4 | 90.38 | 694 | 3,043.68 | 6,641.3 | |
| 5 | 91.57 | 774 | 18,874.17 | 36,928.8 | |
| 6 | 106.57 | 4,607 | 277.56 | 91.3 | |
| 7 | 106.93 | 4,890 | 326.90 | 101.3 | |
| 8 | 112.64 | 10,012 | 70.12 | 10.6 | |
| 9 | 113.00 | 10,380 | 75.00 | 10.9 | Upper Marker |

Overall Results for sample 10 : C

Number of peaks found: 7
 Noise: 0.7
 Corr. Area 1: 8,948.3

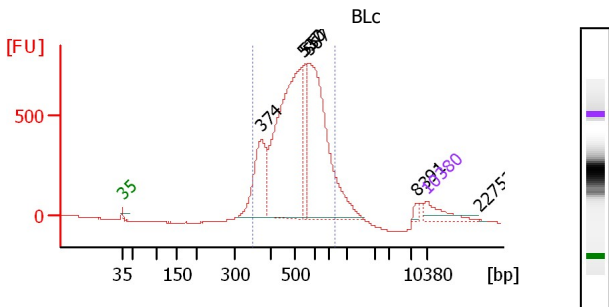
Region table for sample 10 : C

| From To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Size distribution Total in CV [%] |
|--------------|-------------------|-------------------|---------------|------------|----------------------------------------|
| 200 - 1,000 | 617 | 160,332.6 | 59,463.04 | 8,948.88 | 26.4 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-07\2014-03-07_003.xad

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Electropherogram Summary Continued ...



Peak table for sample 11 :

| Peak | Aligned Migration Time | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|------------------------|-----------|---------------|-------------------|--------------|
| 1 | 43.00 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 74.92 | 374 | 398.75 | 1,613.9 | |
| 3 | 84.44 | 537 | 1,193.08 | 3,363.8 | |
| 4 | 85.02 | 550 | 132.59 | 365.5 | |
| 5 | 85.84 | 567 | 1,017.38 | 2,718.1 | |
| 6 | 111.03 | 8,391 | 20.18 | 3.6 | |
| 7 | 113.00 | 10,380 | 75.00 | 10.9 | Upper Marker |
| 8 | 125.26 | 22,752 | 0.00 | 0.0 | |

Overall Results for sample 11 :

Number of peaks found: 6
 Noise: 1.1
 Corr. Area 1: 12,376.1

Region table for sample 11 :

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Area | Corr. Area | % of Size distribution Total in CV [%] |
|-----------|---------|-------------------|-------------------|---------------|-----------|------------|----------------------------------------|
| 348 | 786 | 520 | 7,955.2 | 2,598.6 | 12,376.91 | 12,376.91 | 18.7 |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-03-07\2014-03-07_003.xad

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Gel Image

