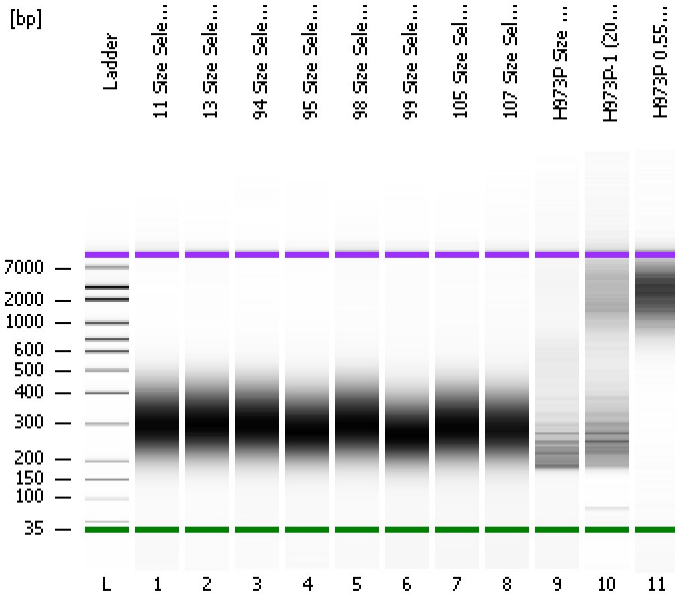


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-29\2017-06-29_002.xad

Created: 6/29/2017 2:55:30 PM
Modified: 6/29/2017 3:36:48 PM

Electrophoresis File Run Summary



Instrument Information:

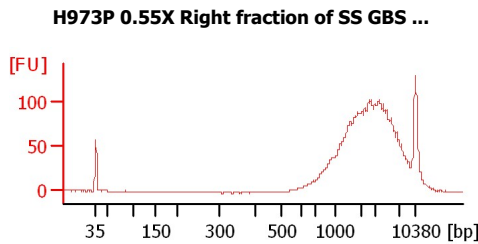
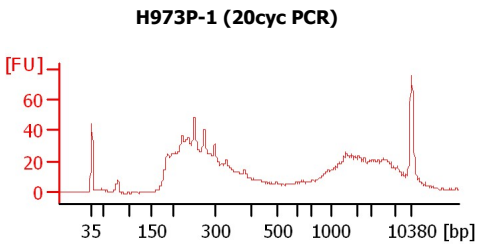
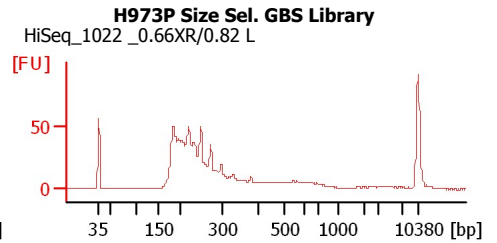
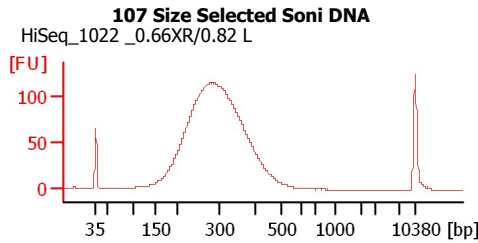
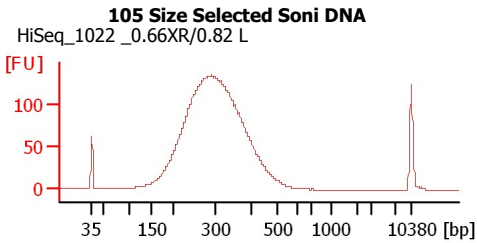
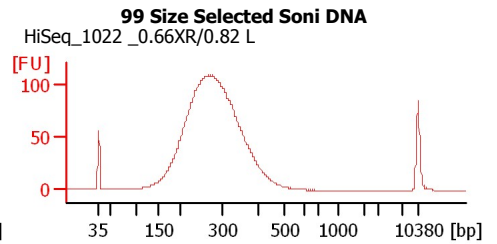
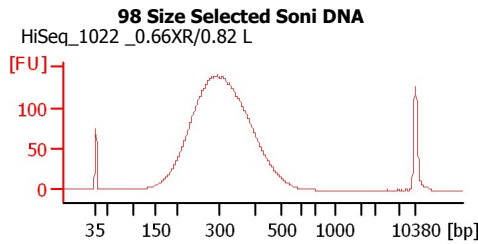
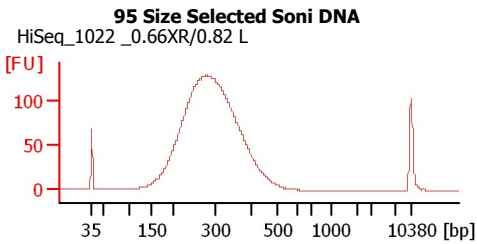
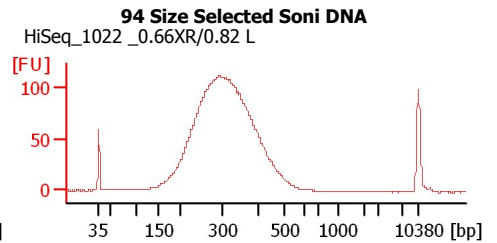
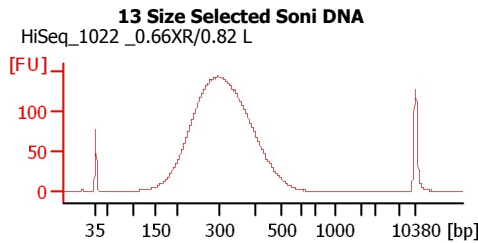
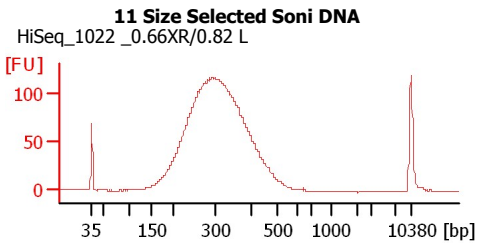
Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

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:\... bioanalyzer\2100 expert\data\2017-06-29\2017-06-29_002.xad

Created: 6/29/2017 2:55:30 PM
 Modified: 6/29/2017 3:36:48 PM

Electrophoresis File Run Summary (Chip Summary)

| Sample Name | Sample Comment | Rest. Digest | Status | Observation | Result Label | Result Color |
|---|------------------------------|--------------------------|--------|-------------|--------------|--------------|
| 11 Size Selected Soni DNA | HiSeq_1022 _0.66XR/0.82 L | <input type="checkbox"/> | ✓ | | | |
| 13 Size Selected Soni DNA | HiSeq_1022 _0.66XR/0.82 L | <input type="checkbox"/> | ✓ | | | |
| 94 Size Selected Soni DNA | HiSeq_1022 _0.66XR/0.82 L | <input type="checkbox"/> | ✓ | | | |
| 95 Size Selected Soni DNA | HiSeq_1022 _0.66XR/0.82 L | <input type="checkbox"/> | ✓ | | | |
| 98 Size Selected Soni DNA | HiSeq_1022 _0.66XR/0.82 L | <input type="checkbox"/> | ✓ | | | |
| 99 Size Selected Soni DNA | HiSeq_1022 _0.66XR/0.82 L | <input type="checkbox"/> | ✓ | | | |
| 105 Size Selected Soni DNA | HiSeq_1022 _0.66XR/0.82 L | <input type="checkbox"/> | ✓ | | | |
| 107 Size Selected Soni DNA | HiSeq_1022 _0.66XR/0.82 L | <input type="checkbox"/> | ✓ | | | |
| H973P Size Sel. GBS Library | HiSeq_1022 _0.66XR/0.82 L | <input type="checkbox"/> | ✓ | | | |
| H973P-1 (20cyc PCR) | | <input type="checkbox"/> | ✓ | | | |
| H973P 0.55X Right fraction of SS GBS Library | | <input type="checkbox"/> | ✓ | | | |
| Ladder | | <input type="checkbox"/> | ✓ | | | |

Chip Lot #

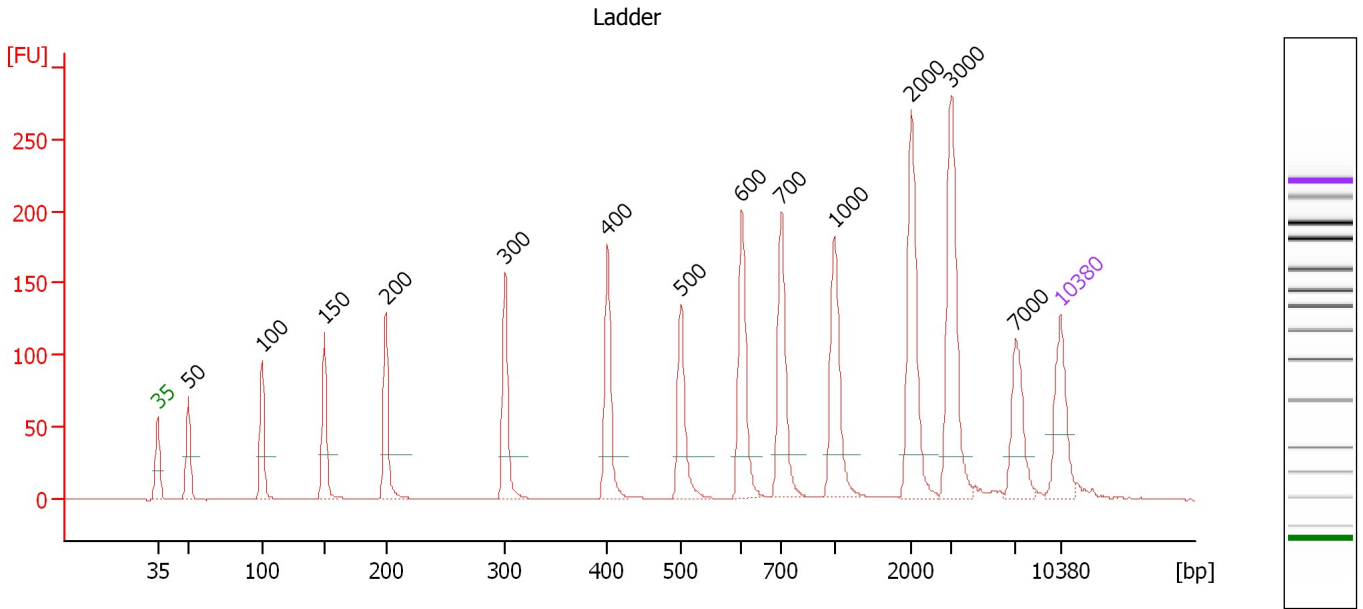
Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-29\2017-06-29_002.xad

Created: 6/29/2017 2:55:30 PM
 Modified: 6/29/2017 3:36:48 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.2

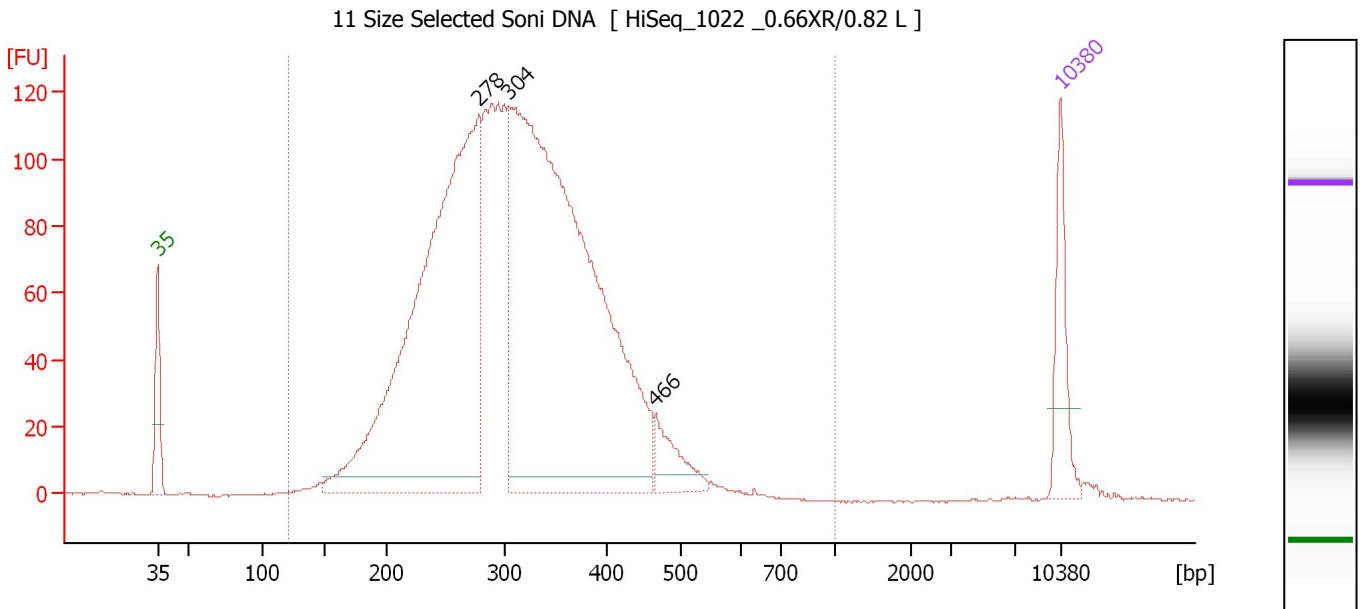
Peak table for Ladder

| 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 | 45.37 |
| 3 | 100 | 150.00 | 2,272.7 | Ladder Peak | 51.08 |
| 4 | 150 | 150.00 | 1,515.2 | Ladder Peak | 55.91 |
| 5 | 200 | 150.00 | 1,136.4 | Ladder Peak | 60.70 |
| 6 | 300 | 150.00 | 757.6 | Ladder Peak | 69.94 |
| 7 | 400 | 150.00 | 568.2 | Ladder Peak | 77.88 |
| 8 | 500 | 150.00 | 454.5 | Ladder Peak | 83.55 |
| 9 | 600 | 150.00 | 378.8 | Ladder Peak | 88.29 |
| 10 | 700 | 150.00 | 324.7 | Ladder Peak | 91.35 |
| 11 | 1,000 | 150.00 | 227.3 | Ladder Peak | 95.44 |
| 12 | 2,000 | 150.00 | 113.6 | Ladder Peak | 101.43 |
| 13 | 3,000 | 150.00 | 75.8 | Ladder Peak | 104.50 |
| 14 | 7,000 | 150.00 | 32.5 | Ladder Peak | 109.52 |
| 15 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-29\2017-06-29_002.xad

Created: 6/29/2017 2:55:30 PM
 Modified: 6/29/2017 3:36:48 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : 11 Size Selected Soni DNA

Number of peaks found: 3 Corr. Area 1: 2,688.1
 Noise: 0.2

Peak table for sample 1 : 11 Size Selected Soni DNA

| 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 | 278 | 1,203.08 | 6,554.8 | | 67.92 |
| 3 | 304 | 1,525.58 | 7,601.1 | | 70.27 |
| 4 | 466 | 66.64 | 216.9 | | 81.60 |
| 5 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |

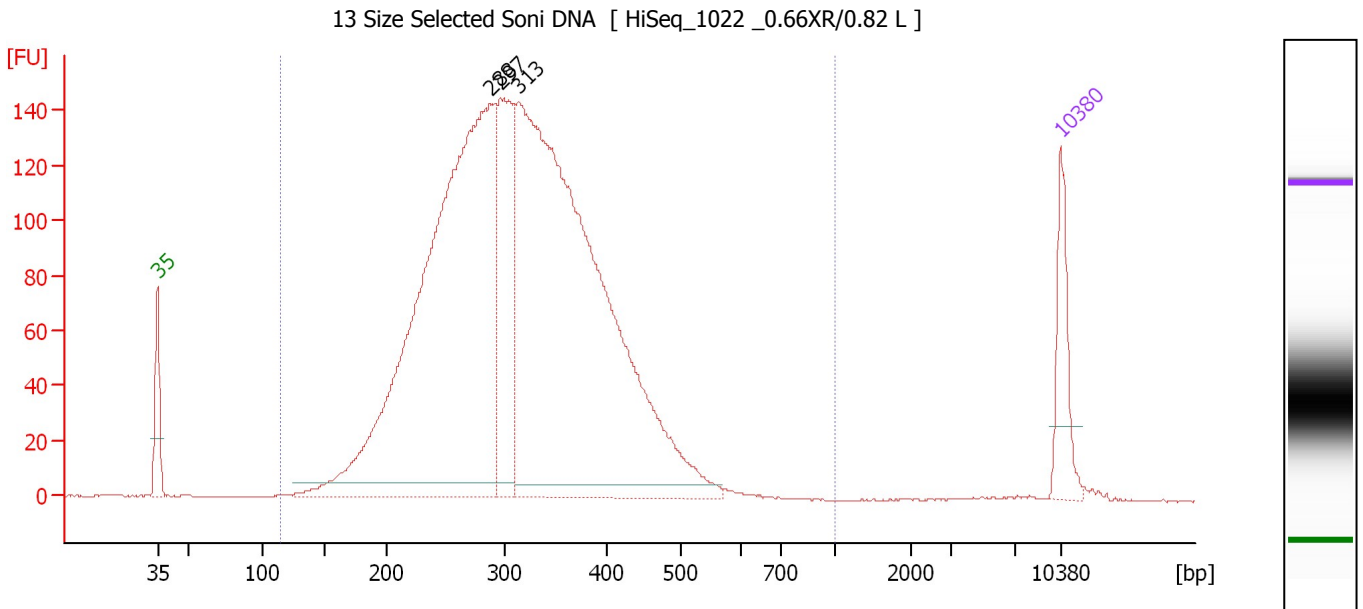
Region table for sample 1 : 11 Size Selected Soni DNA

| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Molarity [pmol/l] | Co Conc. lor [pg/μl] | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|-------------------|----------------------|------------|-----------------------------|
| 122 | 1,000 | 314 | 2,688.1 | 17,253.0 | 3,295.17 | 99 | 23.9 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-29\2017-06-29_002.xad

Created: 6/29/2017 2:55:30 PM
 Modified: 6/29/2017 3:36:48 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : 13 Size Selected Soni DNA

Number of peaks found: 3 Corr. Area 1: 3,302.1
 Noise: 0.2

Peak table for sample 2 : 13 Size Selected Soni DNA

| 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 | 288 | 1,490.22 | 7,840.6 | | 68.83 |
| 3 | 297 | 313.17 | 1,599.3 | | 69.64 |
| 4 | 313 | 1,643.15 | 7,957.7 | | 70.96 |
| 5 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |

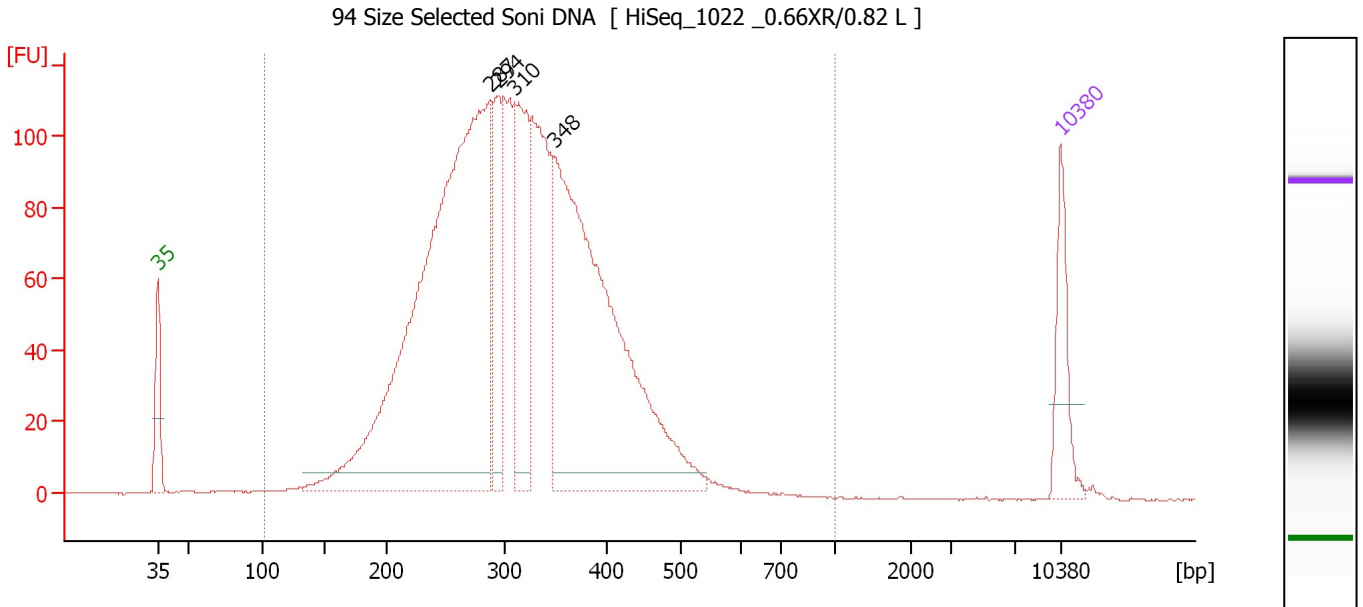
Region table for sample 2 : 13 Size Selected Soni DNA

| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Molarity [pmol/l] | Co Conc. lor [pg/μl] | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|-------------------|----------------------|------------|-----------------------------|
| 114 | 1,000 | 316 | 3,302.1 | 18,012.5 | 3,467.33 | 99 | 23.9 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-29\2017-06-29_002.xad

Created: 6/29/2017 2:55:30 PM
 Modified: 6/29/2017 3:36:48 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : 94 Size Selected Soni DNA

Number of peaks found: 4 Corr. Area 1: 2,557.2
 Noise: 0.2

Peak table for sample 3 : 94 Size Selected Soni DNA

| 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 | 287 | 1,395.30 | 7,357.1 | | 68.77 |
| 3 | 294 | 163.46 | 842.2 | | 69.39 |
| 4 | 310 | 264.85 | 1,294.7 | | 70.73 |
| 5 | 348 | 900.88 | 3,923.6 | | 73.74 |
| 6 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |

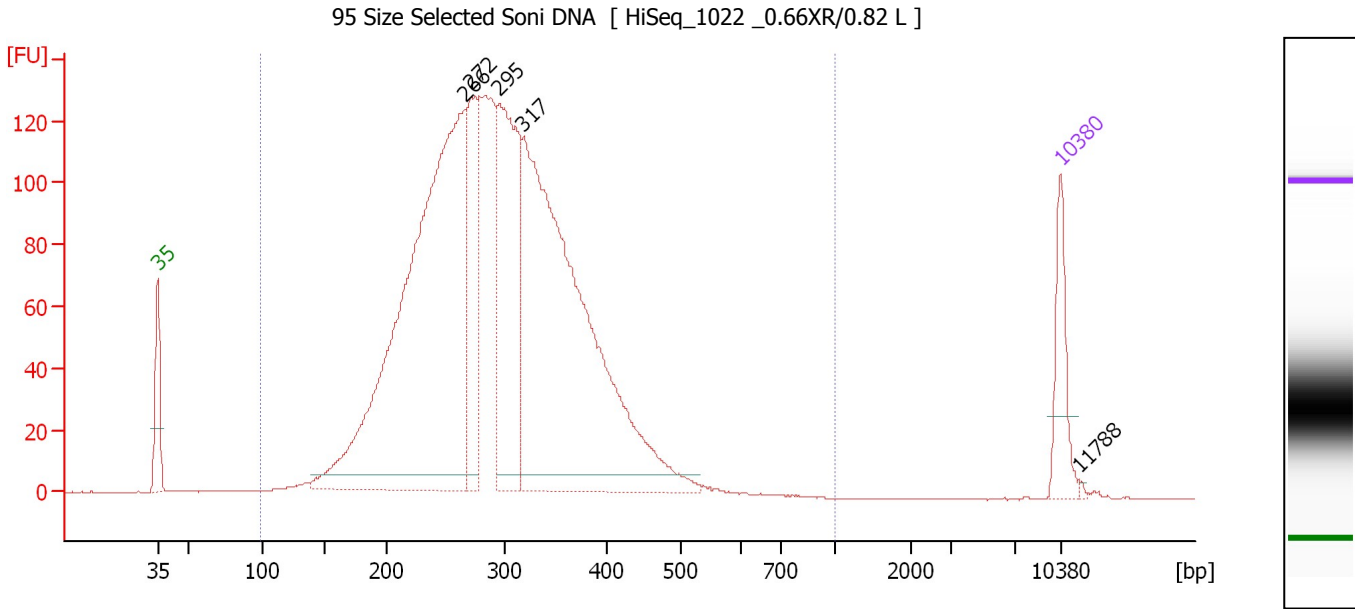
Region table for sample 3 : 94 Size Selected Soni DNA

| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Molarity [pmol/l] | Co Conc. lor [pg/μl] | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|-------------------|----------------------|------------|-----------------------------|
| 102 | 1,000 | 315 | 2,557.2 | 18,309.4 | 3,493.60 | 99 | 24.3 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-29\2017-06-29_002.xad

Created: 6/29/2017 2:55:30 PM
 Modified: 6/29/2017 3:36:48 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : 95 Size Selected Soni DNA

Number of peaks found: 5 Corr. Area 1: 2,810.9
 Noise: 0.2

Peak table for sample 4 : 95 Size Selected Soni DNA

| 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 | 266 | 1,427.89 | 8,132.4 | | 66.80 |
| 3 | 272 | 250.67 | 1,397.4 | | 67.33 |
| 4 | 295 | 475.33 | 2,438.5 | | 69.51 |
| 5 | 317 | 1,228.74 | 5,882.2 | | 71.25 |
| 6 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |
| 7 | 11,788 | 0.00 | 0.0 | | 114.45 |

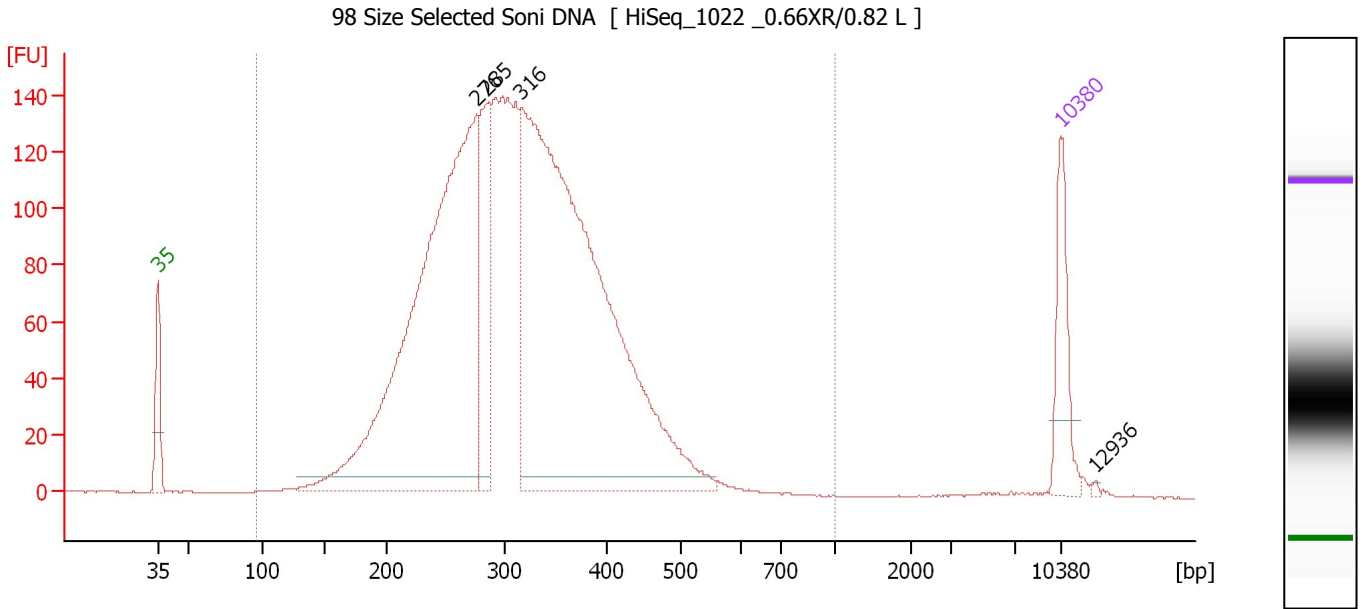
Region table for sample 4 : 95 Size Selected Soni DNA

| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Molarity [pmol/l] | Co Conc. lor [pg/μl] | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|-------------------|----------------------|------------|-----------------------------|
| 99 | 1,000 | 297 | 2,810.9 | 21,435.6 | 3,879.22 | 99 | 23.6 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-29\2017-06-29_002.xad

Created: 6/29/2017 2:55:30 PM
 Modified: 6/29/2017 3:36:48 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : 98 Size Selected Soni DNA

Number of peaks found: 4 Corr. Area 1: 3,185.5
 Noise: 0.1

Peak table for sample 5 : 98 Size Selected Soni DNA

| 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 | 276 | 1,147.89 | 6,299.3 | | 67.73 |
| 3 | 285 | 198.46 | 1,054.8 | | 68.56 |
| 4 | 316 | 1,389.09 | 6,664.8 | | 71.20 |
| 5 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |
| 6 | 12,936 | 0.00 | 0.0 | | 115.63 |

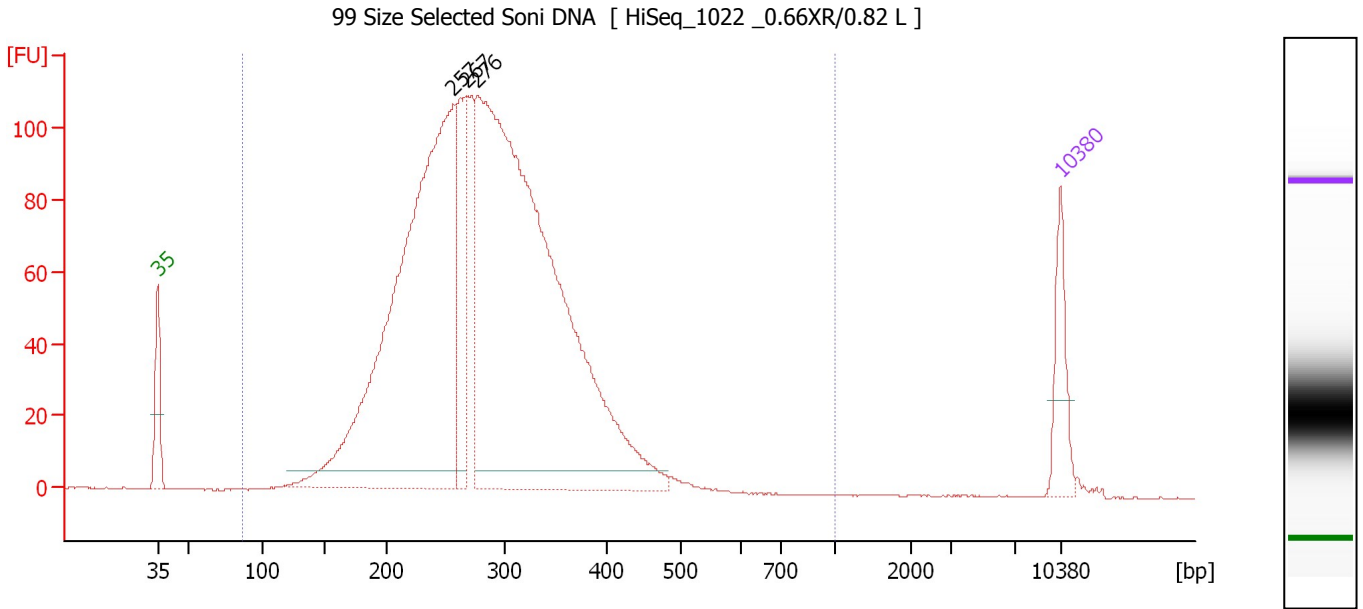
Region table for sample 5 : 98 Size Selected Soni DNA

| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Molarity [pmol/l] | Co Conc. lor [pg/μl] | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|-------------------|----------------------|------------|-----------------------------|
| 96 | 1,000 | 315 | 3,185.5 | 17,112.8 | 3,272.19 | 99 | 24.5 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-29\2017-06-29_002.xad

Created: 6/29/2017 2:55:30 PM
 Modified: 6/29/2017 3:36:48 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : 99 Size Selected Soni DNA

Number of peaks found: 3 Corr. Area 1: 2,315.1
 Noise: 0.2

Peak table for sample 6 : 99 Size Selected Soni DNA

| 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 | 257 | 1,474.89 | 8,704.1 | | 65.94 |
| 3 | 267 | 249.48 | 1,414.1 | | 66.92 |
| 4 | 276 | 1,996.22 | 10,945.9 | | 67.75 |
| 5 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |

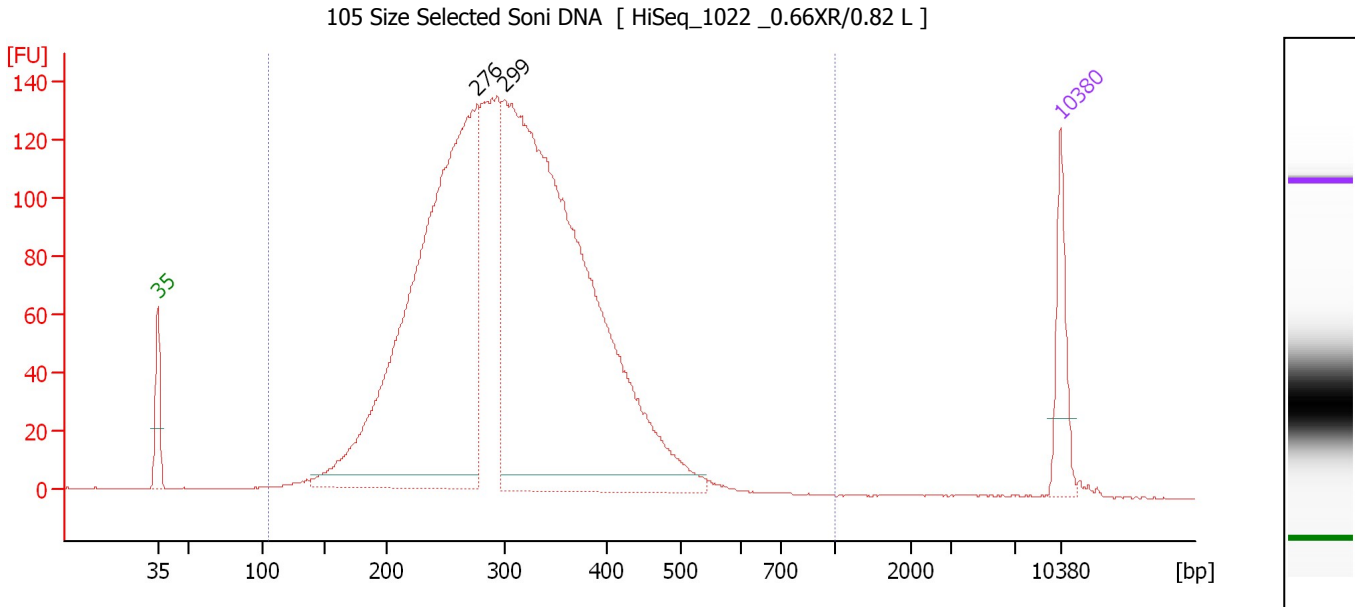
Region table for sample 6 : 99 Size Selected Soni DNA

| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Molarity [pmol/l] | Co Conc. lor [pg/μl] | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|-------------------|----------------------|------------|-----------------------------|
| 87 | 1,000 | 285 | 2,315.1 | 22,203.6 | 3,884.73 | 100 | 22.9 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-29\2017-06-29_002.xad

Created: 6/29/2017 2:55:30 PM
 Modified: 6/29/2017 3:36:48 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : 105 Size Selected Soni DNA

Number of peaks found: 2 Corr. Area 1: 3,040.8
 Noise: 0.2

Peak table for sample 7 : 105 Size Selected Soni DNA

| 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 | 276 | 1,485.41 | 8,140.3 | | 67.77 |
| 3 | 299 | 1,878.93 | 9,523.1 | | 69.84 |
| 4 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |

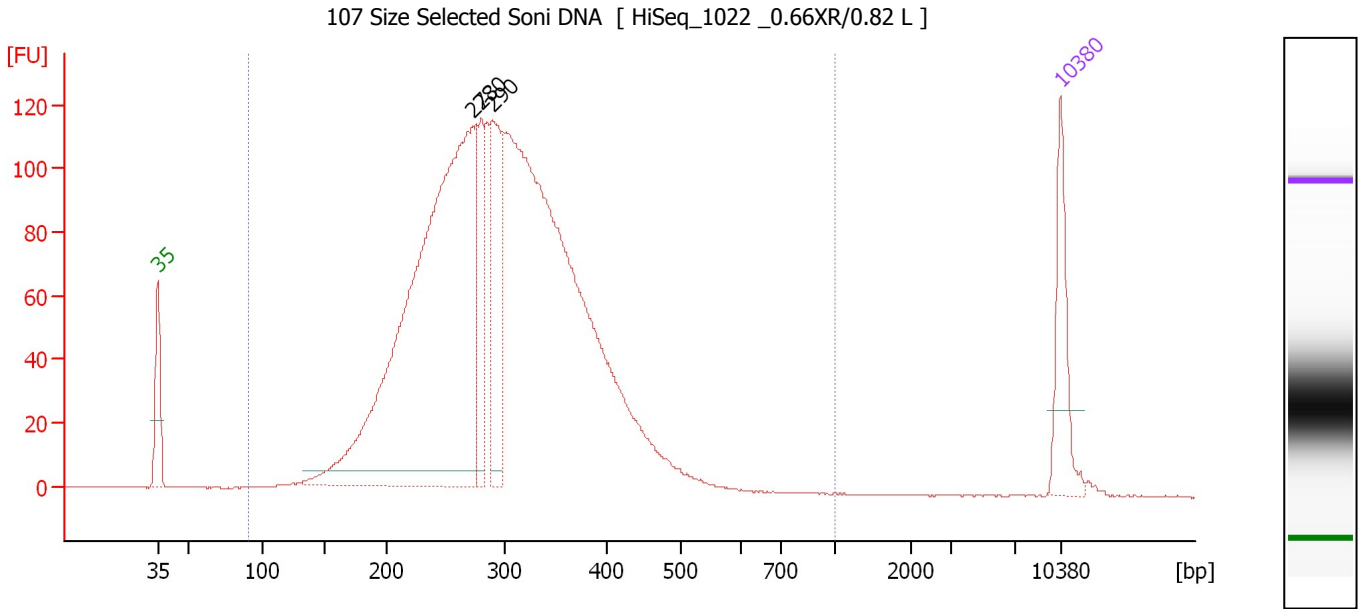
Region table for sample 7 : 105 Size Selected Soni DNA

| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Molarity [pmol/l] | Co Conc. lor [pg/μl] | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|-------------------|----------------------|------------|-----------------------------|
| 106 | 1,000 | 307 | 3,040.8 | 20,488.8 | 3,814.19 | 99 | 24.4 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-29\2017-06-29_002.xad

Created: 6/29/2017 2:55:30 PM
 Modified: 6/29/2017 3:36:48 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : 107 Size Selected Soni DNA

Number of peaks found: 3 Corr. Area 1: 2,532.9
 Noise: 0.2

Peak table for sample 8 : 107 Size Selected Soni DNA

| 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 | 273 | 1,172.91 | 6,510.8 | | 67.44 |
| 3 | 280 | 130.49 | 706.3 | | 68.08 |
| 4 | 290 | 194.94 | 1,020.0 | | 68.98 |
| 5 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |

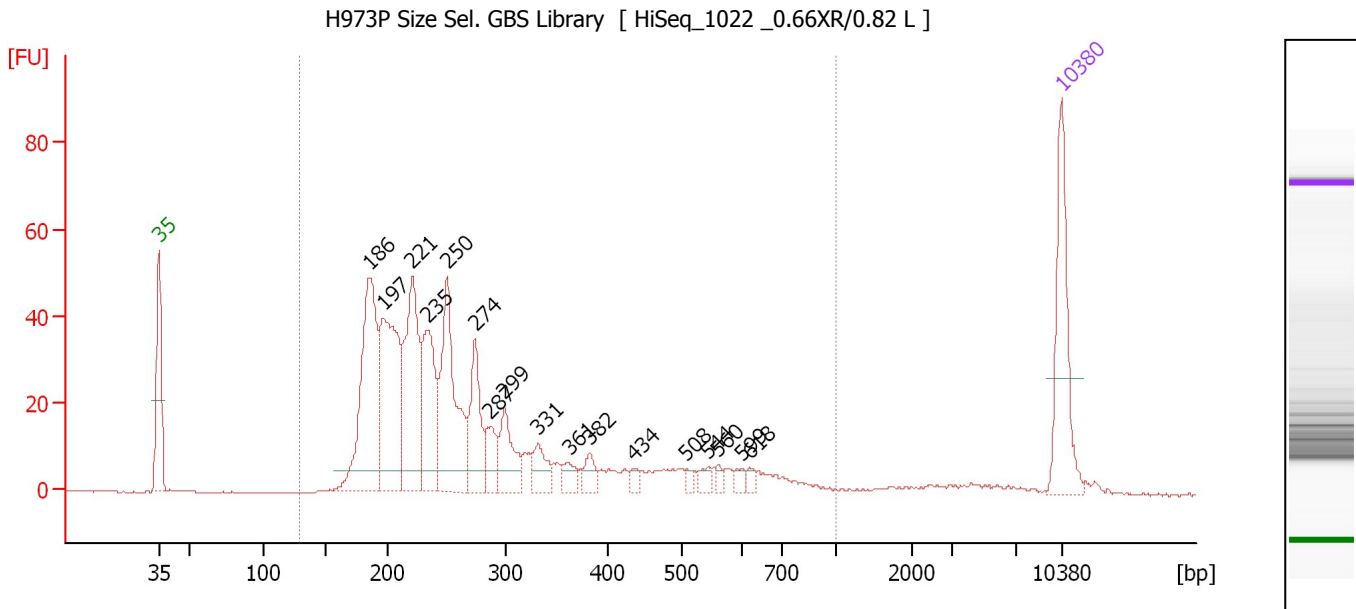
Region table for sample 8 : 107 Size Selected Soni DNA

| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Molarity [pmol/l] | Co Conc. lor [pg/μl] | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|-------------------|----------------------|------------|-----------------------------|
| 91 | 1,000 | 301 | 2,532.9 | 16,067.1 | 2,941.37 | 99 | 24.5 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-29\2017-06-29_002.xad

Created: 6/29/2017 2:55:30 PM
 Modified: 6/29/2017 3:36:48 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : H973P Size Sel. GBS Library

Number of peaks found: 17 Corr. Area 1: 791.8
 Noise: 0.1

Peak table for sample 9 : H973P Size Sel. GBS 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 | 186 | 212.44 | 1,731.8 | | 59.34 |
| 3 | 197 | 186.35 | 1,434.9 | | 60.39 |
| 4 | 221 | 159.01 | 1,088.3 | | 62.67 |
| 5 | 235 | 107.50 | 693.7 | | 63.92 |
| 6 | 250 | 153.61 | 929.5 | | 65.36 |
| 7 | 274 | 72.50 | 400.9 | | 67.54 |
| 8 | 287 | 31.79 | 167.8 | | 68.73 |
| 9 | 299 | 50.62 | 256.7 | | 69.83 |
| 10 | 331 | 28.50 | 130.4 | | 72.41 |
| 11 | 361 | 14.58 | 61.2 | | 74.80 |
| 12 | 382 | 15.06 | 59.8 | | 76.44 |
| 13 | 434 | 7.47 | 26.1 | | 79.81 |
| 14 | 508 | 5.26 | 15.7 | | 83.94 |
| 15 | 544 | 8.48 | 23.6 | | 85.63 |
| 16 | 560 | 5.59 | 15.1 | | 86.37 |
| 17 | 599 | 6.31 | 15.9 | | 88.26 |
| 18 | 618 | 5.69 | 13.9 | | 88.86 |
| 19 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |

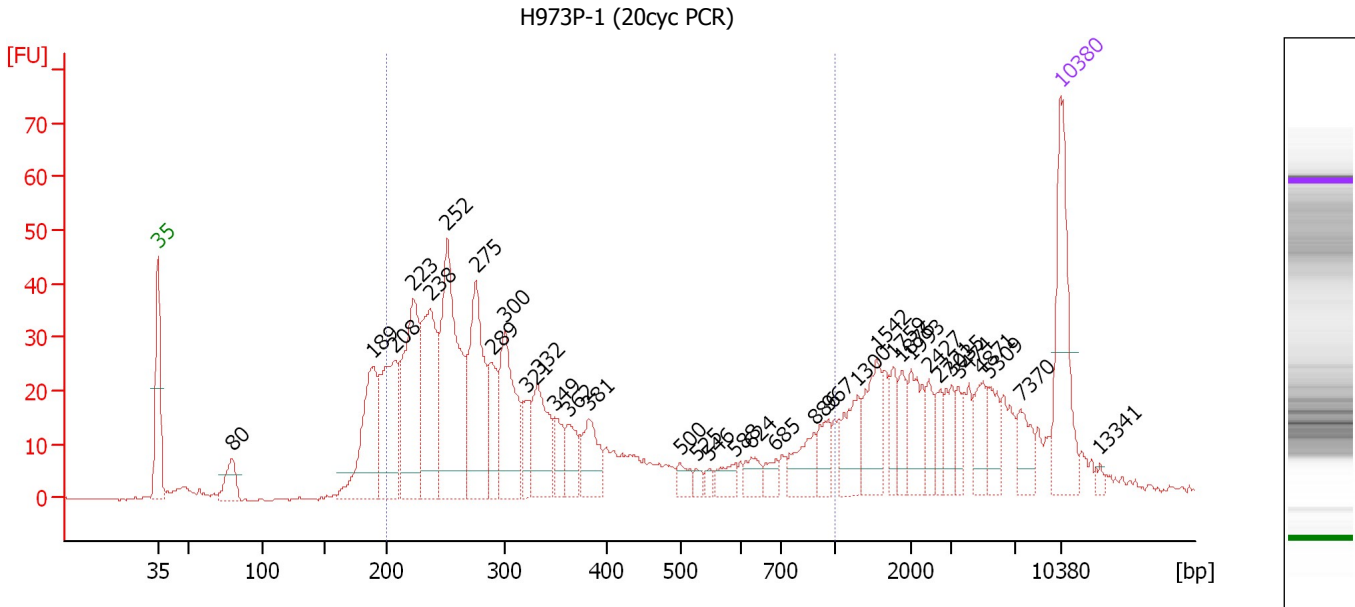
Region table for sample 9 : H973P Size Sel. GBS Library

| From [bp] | To [bp] | Average Size [bp] | Corr. Area | Molarity [pmol/l] | Co Conc. [pg/μl] | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|------------|-------------------|------------------|------------|-----------------------------|
| 130 | 1,000 | 300 | 791.8 | 7,537.8 | 1,230.38 | 94 | 47.0 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-29\2017-06-29_002.xad

Created: 6/29/2017 2:55:30 PM
 Modified: 6/29/2017 3:36:48 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : H973P-1 (20cyc PCR)

Number of peaks found: 35 Corr. Area 1: 745.0
 Noise: 0.2

Peak table for sample 10 : H973P-1 (20cyc 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 | 80 | 32.95 | 623.6 | | 48.80 |
| 3 | 189 | 116.64 | 936.8 | | 59.61 |
| 4 | 208 | 112.98 | 824.0 | | 61.41 |
| 5 | 223 | 148.50 | 1,009.4 | | 62.81 |
| 6 | 238 | 123.51 | 787.9 | | 64.17 |
| 7 | 252 | 200.88 | 1,209.8 | | 65.47 |
| 8 | 275 | 129.33 | 711.5 | | 67.67 |
| 9 | 289 | 46.08 | 241.6 | | 68.92 |
| 10 | 300 | 106.47 | 537.1 | | 69.97 |
| 11 | 321 | 27.15 | 128.4 | | 71.57 |
| 12 | 332 | 68.22 | 311.5 | | 72.47 |
| 13 | 349 | 24.22 | 105.2 | | 73.82 |
| 14 | 362 | 28.21 | 118.0 | | 74.87 |
| 15 | 381 | 42.87 | 170.5 | | 76.37 |
| 16 | 500 | 12.32 | 37.4 | | 83.53 |
| 17 | 525 | 7.10 | 20.5 | | 84.73 |
| 18 | 546 | 5.35 | 14.8 | | 85.73 |
| 19 | 588 | 15.35 | 39.5 | | 87.73 |
| 20 | 624 | 14.87 | 36.1 | | 89.03 |
| 21 | 685 | 11.73 | 26.0 | | 90.88 |
| 22 | 886 | 29.14 | 49.8 | | 93.89 |
| 23 | 967 | 19.51 | 30.6 | | 94.99 |
| 24 | 1,300 | 34.53 | 40.2 | | 97.24 |
| 25 | 1,542 | 41.56 | 40.8 | | 98.69 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-29\2017-06-29_002.xad

Created: 6/29/2017 2:55:30 PM
 Modified: 6/29/2017 3:36:48 PM

Electropherogram Summary Continued ...

... Peak table for sample 10 : H973P-1 (20cyc PCR)

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 26 | 1,759 | 18.06 | 15.6 | | 99.99 |
| 27 | 1,876 | 17.43 | 14.1 | | 100.69 |
| 28 | 1,993 | 32.53 | 24.7 | | 101.39 |
| 29 | 2,427 | 15.26 | 9.5 | | 102.74 |
| 30 | 2,721 | 13.39 | 7.5 | | 103.64 |
| 31 | 3,035 | 17.70 | 8.8 | | 104.54 |
| 32 | 3,474 | 13.45 | 5.9 | | 105.09 |
| 33 | 4,871 | 23.15 | 7.2 | | 106.85 |
| 34 | 5,309 | 21.15 | 6.0 | | 107.40 |
| 35 | 7,370 | 20.07 | 4.1 | | 109.90 |
| 36 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |
| 37 | 13,341 | 0.00 | 0.0 | | 116.05 |

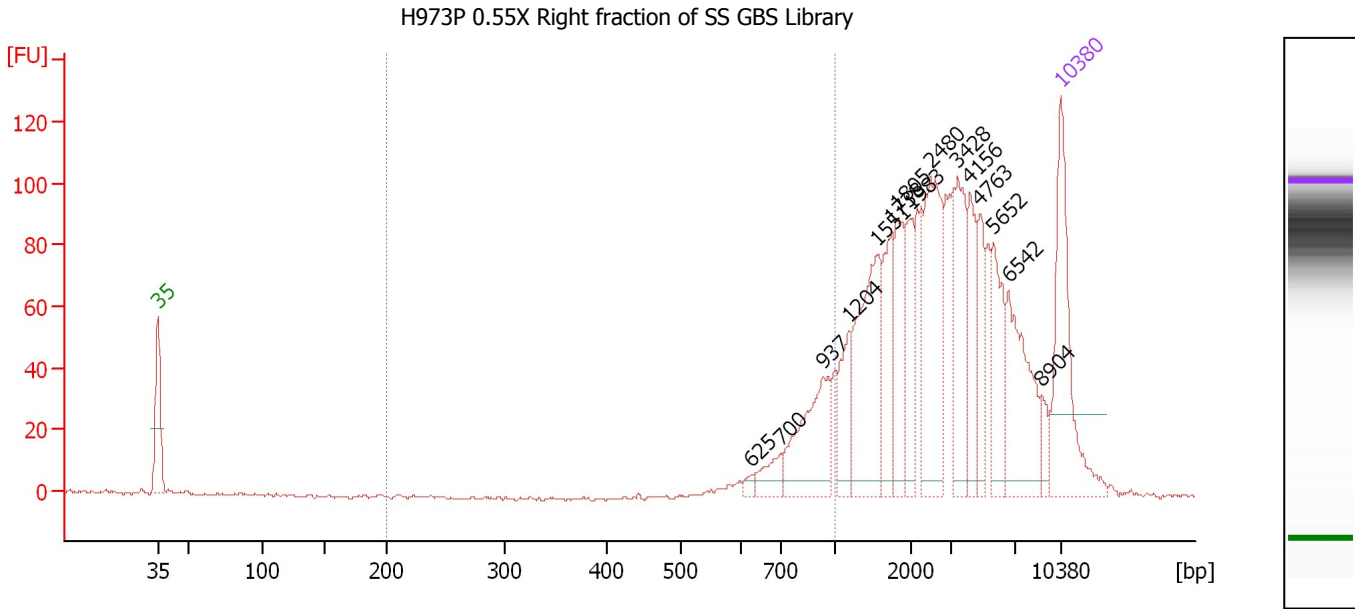
Region table for sample 10 : H973P-1 (20cyc PCR)

| 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 | 361 | 745.0 | 6,389.9 | 1,234.63 | 64 | 50.6 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-29\2017-06-29_002.xad

Created: 6/29/2017 2:55:30 PM
 Modified: 6/29/2017 3:36:48 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : H973P 0.55X Right fraction of SS GBS Library

Number of peaks found: 15 Corr. Area 1: 149.2
 Noise: 0.6

Peak table for sample 11 : H973P 0.55X Right fraction of SS GBS 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 | 625 | 4.65 | 11.3 | | 89.06 |
| 3 | 700 | 17.48 | 37.9 | | 91.34 |
| 4 | 937 | 67.31 | 108.8 | | 94.59 |
| 5 | 1,204 | 35.65 | 44.8 | | 96.67 |
| 6 | 1,551 | 90.75 | 88.6 | | 98.75 |
| 7 | 1,738 | 39.20 | 34.2 | | 99.86 |
| 8 | 1,805 | 41.82 | 35.1 | | 100.27 |
| 9 | 1,983 | 33.98 | 26.0 | | 101.33 |
| 10 | 2,480 | 84.26 | 51.5 | | 102.91 |
| 11 | 3,428 | 54.85 | 24.2 | | 105.04 |
| 12 | 4,156 | 34.35 | 12.5 | | 105.95 |
| 13 | 4,763 | 29.81 | 9.5 | | 106.71 |
| 14 | 5,652 | 41.56 | 11.1 | | 107.83 |
| 15 | 6,542 | 66.88 | 15.5 | | 108.94 |
| 16 | 8,904 | 10.32 | 1.8 | | 111.48 |
| 17 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |

Region table for sample 11 : H973P 0.55X Right fraction of SS GBS 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 | 825 | 149.2 | 182.1 | 96.82 | 11 | 14.8 |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-29\2017-06-29_002.xad

Created: 6/29/2017 2:55:30 PM
Modified: 6/29/2017 3:36:48 PM

Gel Image

