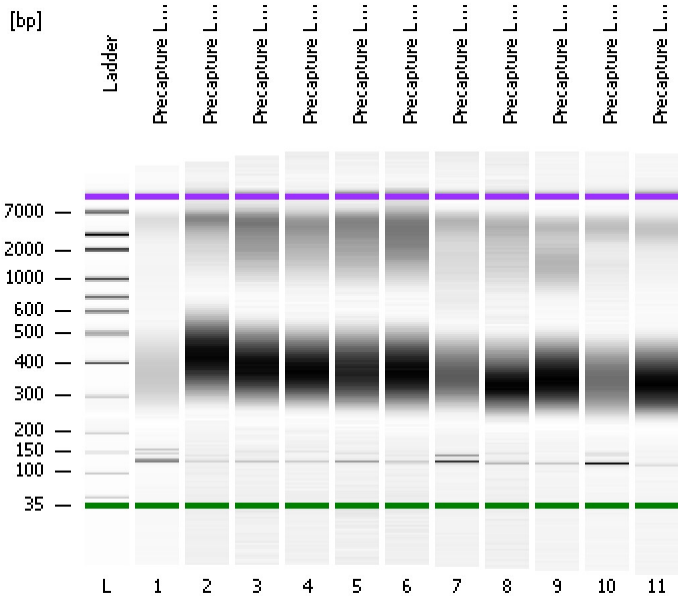


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-06-16\2014-06-16_004.xad

Created: 6/16/2014 5:06:43 PM
Modified: 6/16/2014 5:50:15 PM

Electrophoresis File Run Summary



Instrument Information:

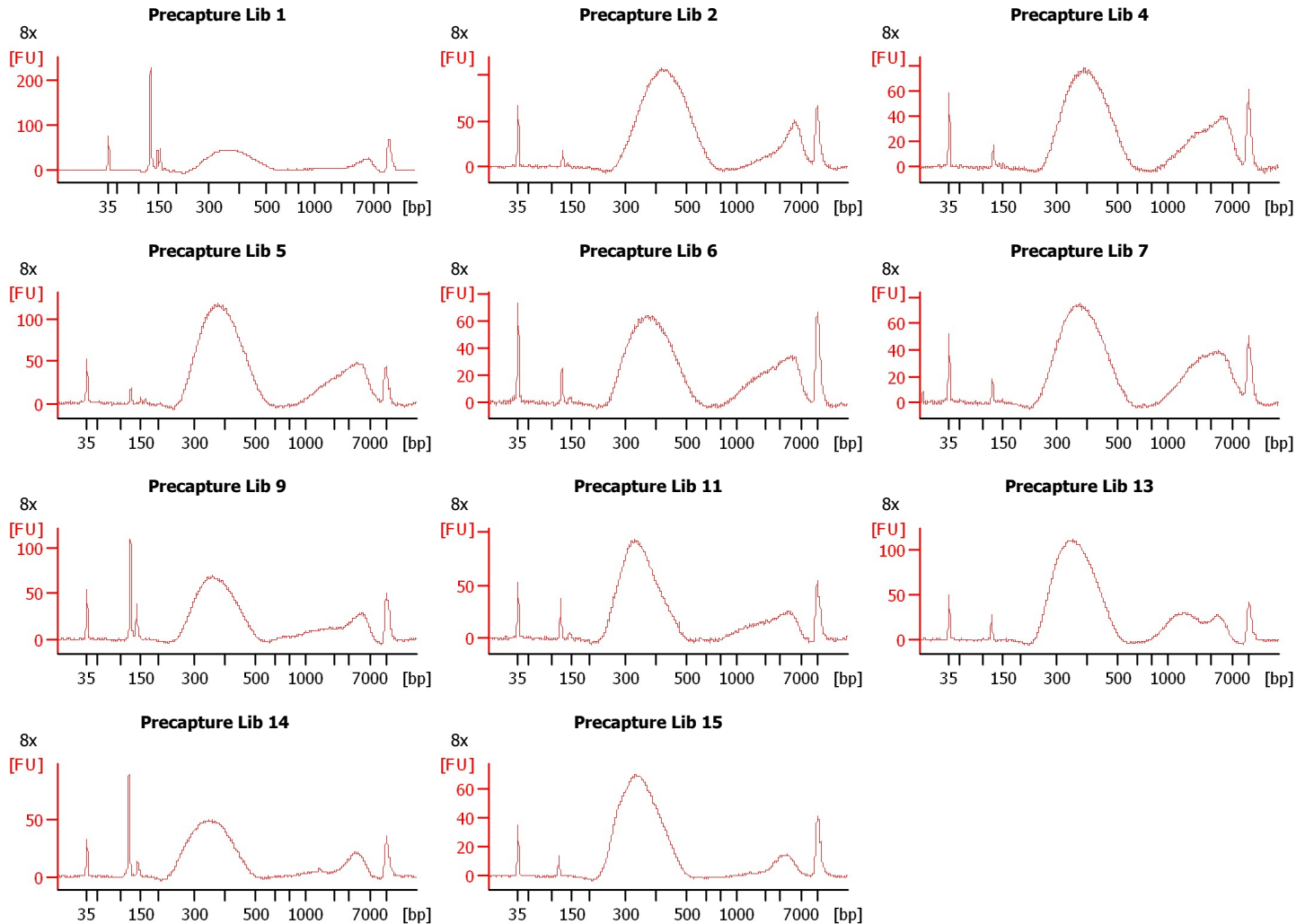
Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

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\2014-06-16\2014-06-16_004.xad

Created: 6/16/2014 5:06:43 PM
 Modified: 6/16/2014 5:50:15 PM

Electrophoresis File Run Summary (Chip Summary)

| Sample Name | Sample Comment | Rest. Digest | Status | Observation | Result Label | Result Color |
|-------------------|----------------|--------------------------|--------|-------------|--------------|--------------|
| Precapture Lib 1 | 8x | <input type="checkbox"/> | ✓ | | | |
| Precapture Lib 2 | 8x | <input type="checkbox"/> | ✓ | | | |
| Precapture Lib 4 | 8x | <input type="checkbox"/> | ✓ | | | |
| Precapture Lib 5 | 8x | <input type="checkbox"/> | ✓ | | | |
| Precapture Lib 6 | 8x | <input type="checkbox"/> | ✓ | | | |
| Precapture Lib 7 | 8x | <input type="checkbox"/> | ✓ | | | |
| Precapture Lib 9 | 8x | <input type="checkbox"/> | ✓ | | | |
| Precapture Lib 11 | 8x | <input type="checkbox"/> | ✓ | | | |
| Precapture Lib 13 | 8x | <input type="checkbox"/> | ✓ | | | |
| Precapture Lib 14 | 8x | <input type="checkbox"/> | ✓ | | | |
| Precapture Lib 15 | 8x | <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\2014-06-16\2014-06-16_004.xad

Created: 6/16/2014 5:06:43 PM
Modified: 6/16/2014 5:50:15 PM

Electrophoresis Assay Details

General Analysis Settings

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

Integrator Settings

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

Filter Settings

Filter Width [s] : 0.5
Polynomial Order : 4

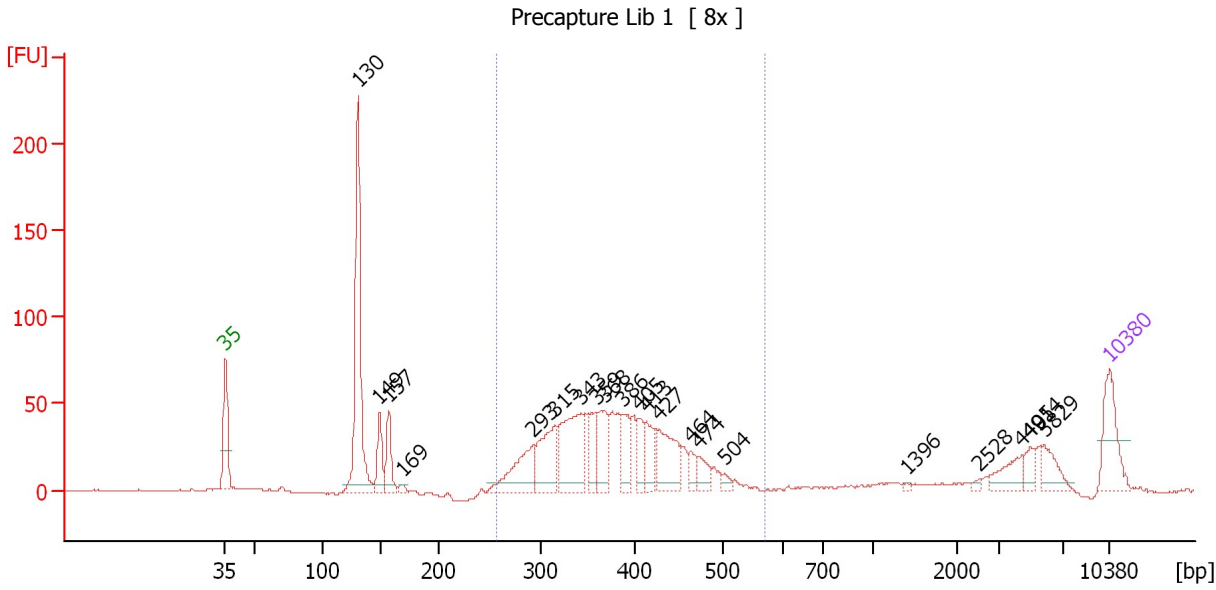
Ladder

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

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-06-16\2014-06-16_004.xad

Created: 6/16/2014 5:06:43 PM
 Modified: 6/16/2014 5:50:15 PM

Electropherogram Summary



Overall Results for sample 1 : Precapture Lib 1

Number of peaks found: 21 Corr. Area 1: 793.2
 Noise: 0.3


Peak table for sample 1 : Precapture Lib 1

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 130 | 439.14 | 5,111.8 | |
| 3 | 149 | 72.35 | 737.4 | |
| 4 | 157 | 75.71 | 732.3 | |
| 5 | 169 | 10.26 | 92.1 | |
| 6 | 293 | 125.89 | 650.0 | |
| 7 | 315 | 139.73 | 671.3 | |
| 8 | 343 | 191.45 | 845.9 | |
| 9 | 359 | 68.60 | 289.8 | |
| 10 | 368 | 92.16 | 379.8 | |
| 11 | 386 | 62.55 | 245.4 | |
| 12 | 405 | 43.73 | 163.5 | |
| 13 | 413 | 55.61 | 204.0 | |
| 14 | 427 | 114.13 | 405.3 | |
| 15 | 464 | 29.85 | 97.5 | |
| 16 | 474 | 31.78 | 101.6 | |
| 17 | 504 | 12.11 | 36.4 | |
| 18 | 1,396 | 3.00 | 3.3 | |
| 19 | 2,528 | 4.64 | 2.8 | |
| 20 | 4,405 | 39.15 | 13.5 | |
| 21 | 4,914 | 20.40 | 6.3 | |
| 22 | 5,829 | 36.35 | 9.4 | |
| 23 | 10,380 | 75.00 | 10.9 | Upper Marker |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-06-16\2014-06-16_004.xad

Created: 6/16/2014 5:06:43 PM
Modified: 6/16/2014 5:50:15 PM

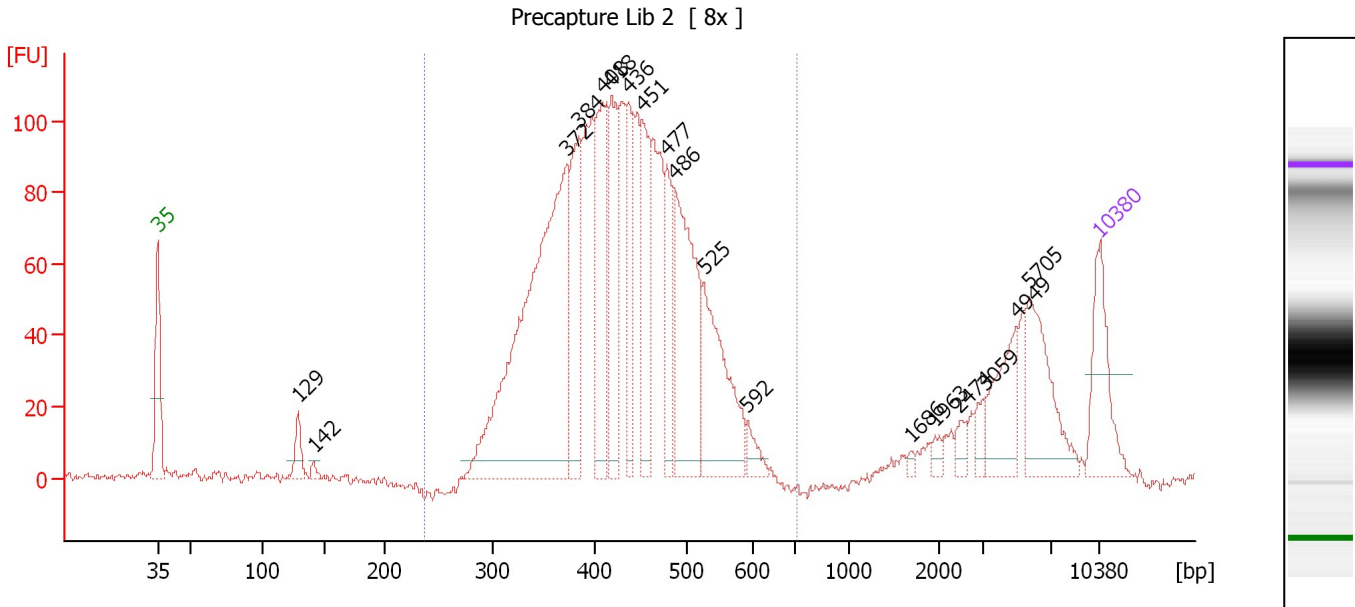
Electropherogram Summary Continued ...**... Region table for sample 1 : Precapture Lib 1**

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Co Corr. lor Area | % of Total | Size distribution in CV [%] |
|----------------------|----------------|------------------------------|------------------------------|--------------------------|---|-----------------------|--|
| 258 | 569 | 377 | 4,789.7 | 1,151.75 |  793.2 | 64 | 15.8 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-06-16\2014-06-16_004.xad

Created: 6/16/2014 5:06:43 PM
 Modified: 6/16/2014 5:50:15 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : Precapture Lib 2

Number of peaks found: 18 Corr. Area 1: 1,824.2
 Noise: 1.5

Peak table for sample 2 : Precapture Lib 2

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 129 | 33.72 | 394.9 | |
| 3 | 142 | 7.92 | 84.5 | |
| 4 | 372 | 636.91 | 2,591.0 | |
| 5 | 384 | 140.60 | 554.2 | |
| 6 | 408 | 151.07 | 561.2 | |
| 7 | 418 | 143.68 | 521.1 | |
| 8 | 436 | 100.83 | 350.5 | |
| 9 | 451 | 115.20 | 386.7 | |
| 10 | 477 | 85.50 | 271.3 | |
| 11 | 486 | 229.87 | 716.4 | |
| 12 | 525 | 175.27 | 505.4 | |
| 13 | 592 | 21.19 | 54.2 | |
| 14 | 1,686 | 3.98 | 3.6 | |
| 15 | 1,963 | 8.23 | 6.3 | |
| 16 | 2,474 | 14.12 | 8.6 | |
| 17 | 3,059 | 16.18 | 8.0 | |
| 18 | 4,949 | 70.40 | 21.6 | |
| 19 | 5,705 | 102.35 | 27.2 | |
| 20 | 10,380 | 75.00 | 10.9 | Upper Marker |

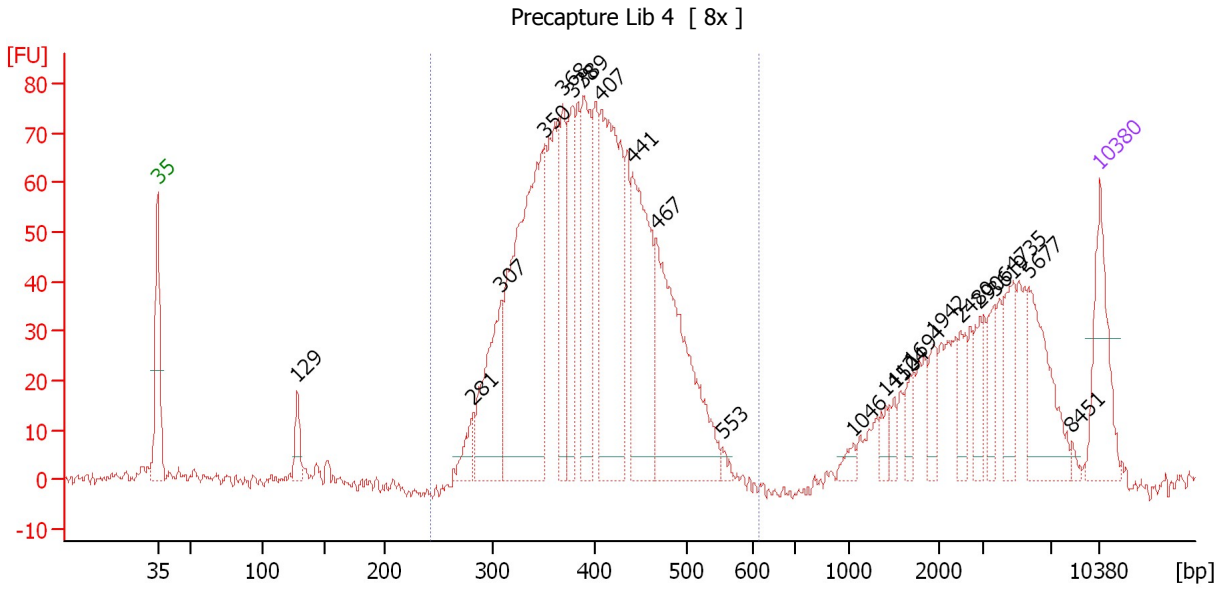
Region table for sample 2 : Precapture Lib 2

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Co Corr. lor Area | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|-------------------|---------------|-------------------|------------|-----------------------------|
| 238 | 711 | 427 | 8,956.7 | 2,439.59 | 1,824.2 | 84 | 15.9 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-06-16\2014-06-16_004.xad

Created: 6/16/2014 5:06:43 PM
 Modified: 6/16/2014 5:50:15 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : Precapture Lib 4

Number of peaks found: 22 Corr. Area 1: 1,254.9
 Noise: 1.3


Peak table for sample 3 : Precapture Lib 4

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 129 | 35.13 | 413.6 | |
| 3 | 281 | 32.05 | 172.7 | |
| 4 | 307 | 157.33 | 777.0 | |
| 5 | 350 | 429.45 | 1,858.3 | |
| 6 | 368 | 116.78 | 480.7 | |
| 7 | 378 | 100.48 | 402.9 | |
| 8 | 389 | 153.00 | 596.1 | |
| 9 | 407 | 298.69 | 1,110.8 | |
| 10 | 441 | 206.01 | 708.0 | |
| 11 | 467 | 284.88 | 924.9 | |
| 12 | 553 | 7.23 | 19.8 | |
| 13 | 1,046 | 11.51 | 16.7 | |
| 14 | 1,412 | 15.88 | 17.0 | |
| 15 | 1,504 | 12.05 | 12.1 | |
| 16 | 1,694 | 19.67 | 17.6 | |
| 17 | 1,942 | 24.42 | 19.1 | |
| 18 | 2,480 | 28.18 | 17.2 | |
| 19 | 2,906 | 26.73 | 13.9 | |
| 20 | 3,619 | 28.70 | 12.0 | |
| 21 | 4,735 | 46.14 | 14.8 | |
| 22 | 5,677 | 86.62 | 23.1 | |
| 23 | 8,451 | 4.78 | 0.9 | |
| 24 | 10,380 | 75.00 | 10.9 | Upper Marker |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-06-16\2014-06-16_004.xad

Created: 6/16/2014 5:06:43 PM
Modified: 6/16/2014 5:50:15 PM

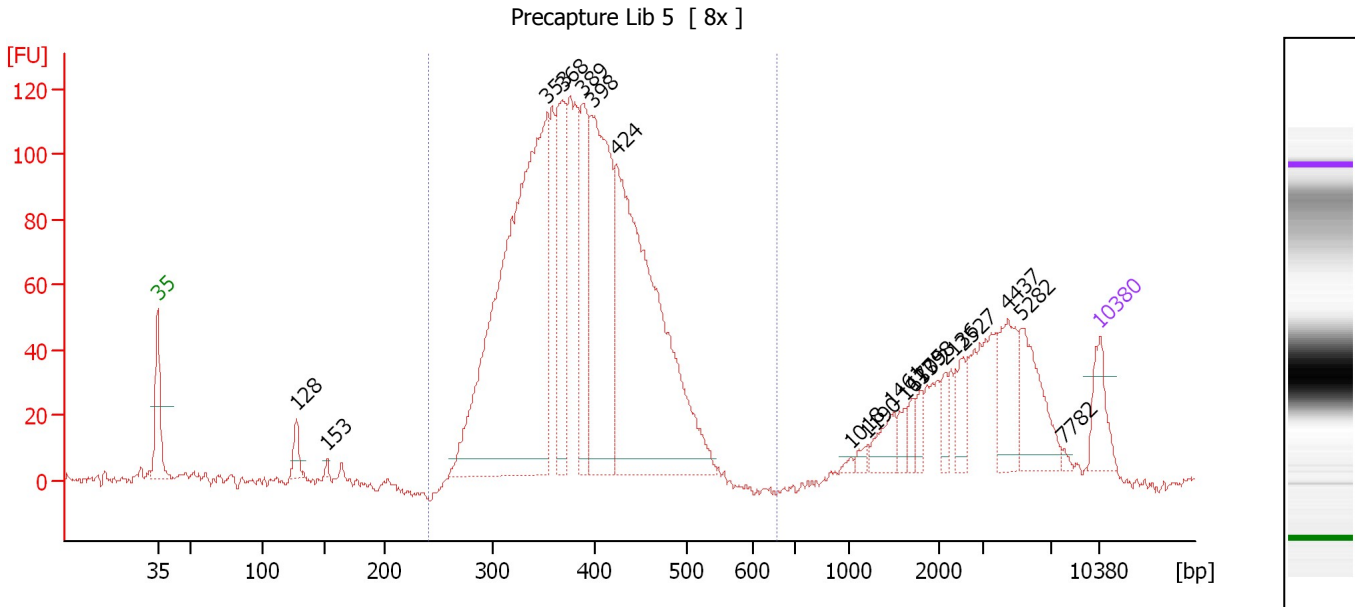
Electropherogram Summary Continued ...**... Region table for sample 3 : Precapture Lib 4**

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Co Corr. lor Area | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|-------------------|---------------|---|------------|-----------------------------|
| 242 | 617 | 396 | 8,485.3 | 2,151.17 |  1,254.9 | 75 | 15.1 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-06-16\2014-06-16_004.xad

Created: 6/16/2014 5:06:43 PM
 Modified: 6/16/2014 5:50:15 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : Precapture Lib 5

Number of peaks found: 18 Corr. Area 1: 1,827.4
 Noise: 1.7

Peak table for sample 4 : Precapture Lib 5

| Peak | Size [bp] | Conc. [pg/µl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 128 | 56.98 | 675.0 | |
| 3 | 153 | 11.28 | 111.8 | |
| 4 | 353 | 1,636.61 | 7,016.7 | |
| 5 | 368 | 349.99 | 1,441.0 | |
| 6 | 389 | 312.24 | 1,216.1 | |
| 7 | 398 | 660.20 | 2,511.0 | |
| 8 | 424 | 1,190.44 | 4,257.1 | |
| 9 | 1,018 | 8.40 | 12.5 | |
| 10 | 1,190 | 14.96 | 19.1 | |
| 11 | 1,461 | 59.41 | 61.6 | |
| 12 | 1,633 | 25.12 | 23.3 | |
| 13 | 1,705 | 26.45 | 23.5 | |
| 14 | 1,798 | 26.96 | 22.7 | |
| 15 | 2,136 | 31.80 | 22.6 | |
| 16 | 2,527 | 56.80 | 34.1 | |
| 17 | 4,437 | 123.46 | 42.2 | |
| 18 | 5,282 | 156.45 | 44.9 | |
| 19 | 7,782 | 6.78 | 1.3 | |
| 20 | 10,380 | 75.00 | 10.9 | Upper Marker |

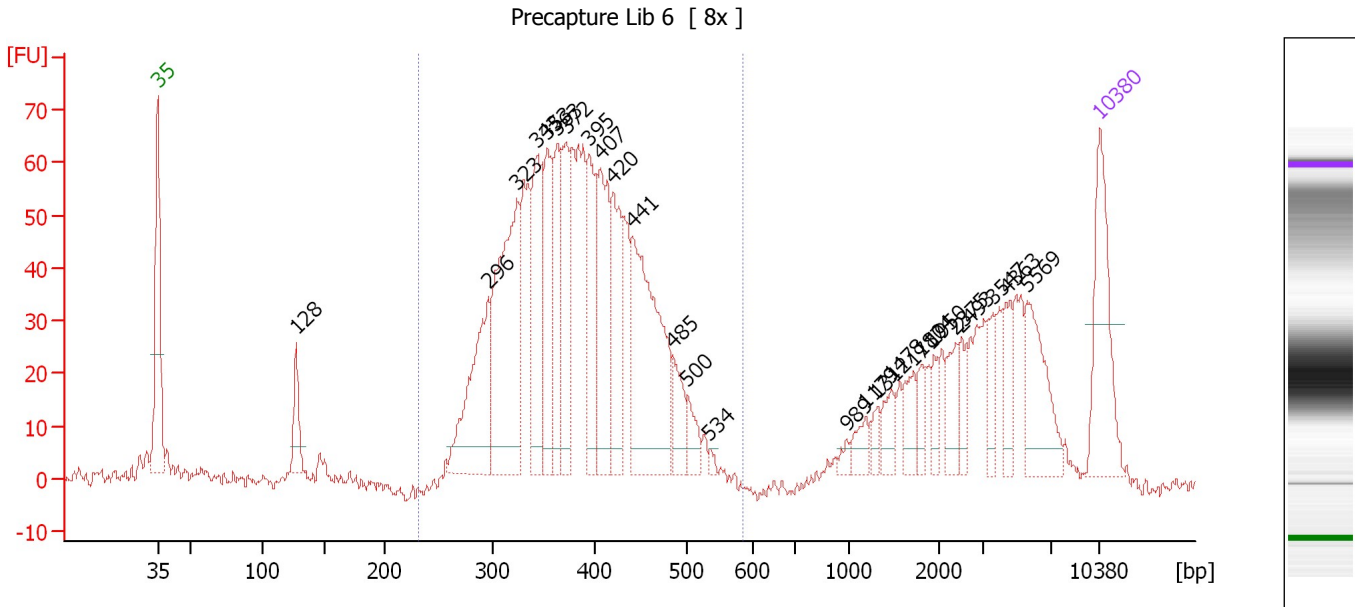
Region table for sample 4 : Precapture Lib 5

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/µl] | Co Corr. lor Area | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|-------------------|---------------|-------------------|------------|-----------------------------|
| 240 | 658 | 385 | 19,377.7 | 4,788.91 | 1,827.4 | 80 | 14.6 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-06-16\2014-06-16_004.xad

Created: 6/16/2014 5:06:43 PM
 Modified: 6/16/2014 5:50:15 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : Precapture Lib 6

Number of peaks found: 26 Corr. Area 1: 1,071.7
 Noise: 1.3

Peak table for sample 5 : Precapture Lib 6

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 128 | 39.75 | 471.6 | |
| 3 | 296 | 140.66 | 720.4 | |
| 4 | 323 | 222.19 | 1,041.8 | |
| 5 | 343 | 108.29 | 479.0 | |
| 6 | 353 | 91.70 | 393.5 | |
| 7 | 363 | 74.49 | 310.8 | |
| 8 | 372 | 90.69 | 369.4 | |
| 9 | 395 | 81.46 | 312.6 | |
| 10 | 407 | 108.67 | 405.0 | |
| 11 | 420 | 81.75 | 294.9 | |
| 12 | 441 | 189.29 | 650.0 | |
| 13 | 485 | 33.87 | 105.9 | |
| 14 | 500 | 20.49 | 62.1 | |
| 15 | 534 | 3.50 | 9.9 | |
| 16 | 989 | 6.21 | 9.5 | |
| 17 | 1,179 | 15.96 | 20.5 | |
| 18 | 1,312 | 10.14 | 11.7 | |
| 19 | 1,478 | 18.97 | 19.4 | |
| 20 | 1,717 | 20.90 | 18.4 | |
| 21 | 1,804 | 13.92 | 11.7 | |
| 22 | 1,950 | 13.51 | 10.5 | |
| 23 | 2,375 | 23.27 | 14.8 | |
| 24 | 2,493 | 15.14 | 9.2 | |
| 25 | 3,547 | 20.65 | 8.8 | |
| 26 | 4,363 | 25.00 | 8.7 | |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-06-16\2014-06-16_004.xad

Created: 6/16/2014 5:06:43 PM
Modified: 6/16/2014 5:50:15 PM

Electropherogram Summary Continued ...**... Peak table for sample 5 : Precapture Lib 6**

| Peak | Size [bp] | Conc. [pg/ μ l] | Molarity [pmol/l] | Observations |
|------|-----------|---------------------|-------------------|--------------|
| 27 | 5,569 | 61.62 | 16.8 | |
| 28 | 10,380 | 75.00 | 10.9 | Upper Marker |

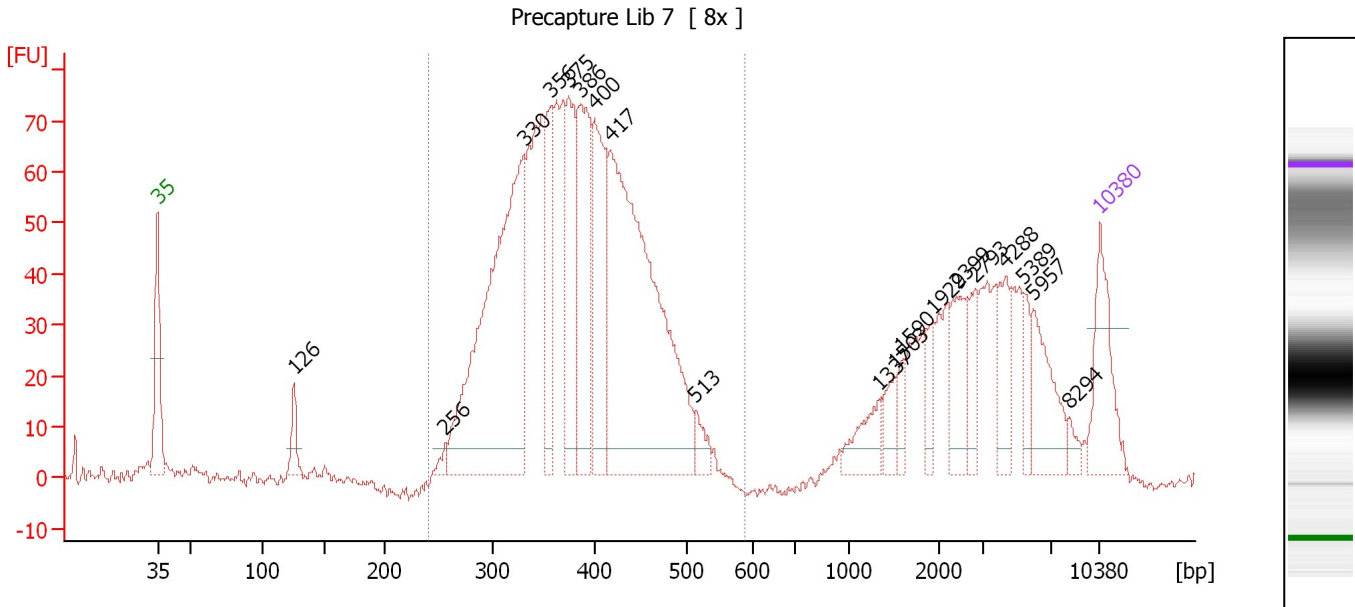
Region table for sample 5 : Precapture Lib 6

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/ μ l] | Co Corr. lor Area | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|-------------------|---------------------|-------------------|------------|-----------------------------|
| 232 | 586 | 382 | 6,579.4 | 1,603.20 | 1,071.7 | 73 | 15.6 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-06-16\2014-06-16_004.xad

Created: 6/16/2014 5:06:43 PM
 Modified: 6/16/2014 5:50:15 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : Precapture Lib 7

Number of peaks found: 19 Corr. Area 1: 1,270.1
 Noise: 1.3

Peak table for sample 6 : Precapture Lib 7

| Peak | Size [bp] | Conc. [pg/µl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 126 | 36.32 | 437.3 | |
| 3 | 256 | 10.79 | 63.9 | |
| 4 | 330 | 565.85 | 2,599.3 | |
| 5 | 356 | 116.51 | 496.2 | |
| 6 | 375 | 154.09 | 623.3 | |
| 7 | 386 | 194.36 | 763.4 | |
| 8 | 400 | 175.13 | 663.6 | |
| 9 | 417 | 596.86 | 2,167.7 | |
| 10 | 513 | 24.41 | 72.1 | |
| 11 | 1,337 | 42.64 | 48.3 | |
| 12 | 1,503 | 27.83 | 28.1 | |
| 13 | 1,590 | 17.37 | 16.6 | |
| 14 | 1,929 | 22.32 | 17.5 | |
| 15 | 2,399 | 57.15 | 36.1 | |
| 16 | 2,793 | 34.18 | 18.5 | |
| 17 | 4,288 | 48.36 | 17.1 | |
| 18 | 5,389 | 24.83 | 7.0 | |
| 19 | 5,957 | 72.64 | 18.5 | |
| 20 | 8,294 | 10.41 | 1.9 | |
| 21 | 10,380 | 75.00 | 10.9 | Upper Marker |

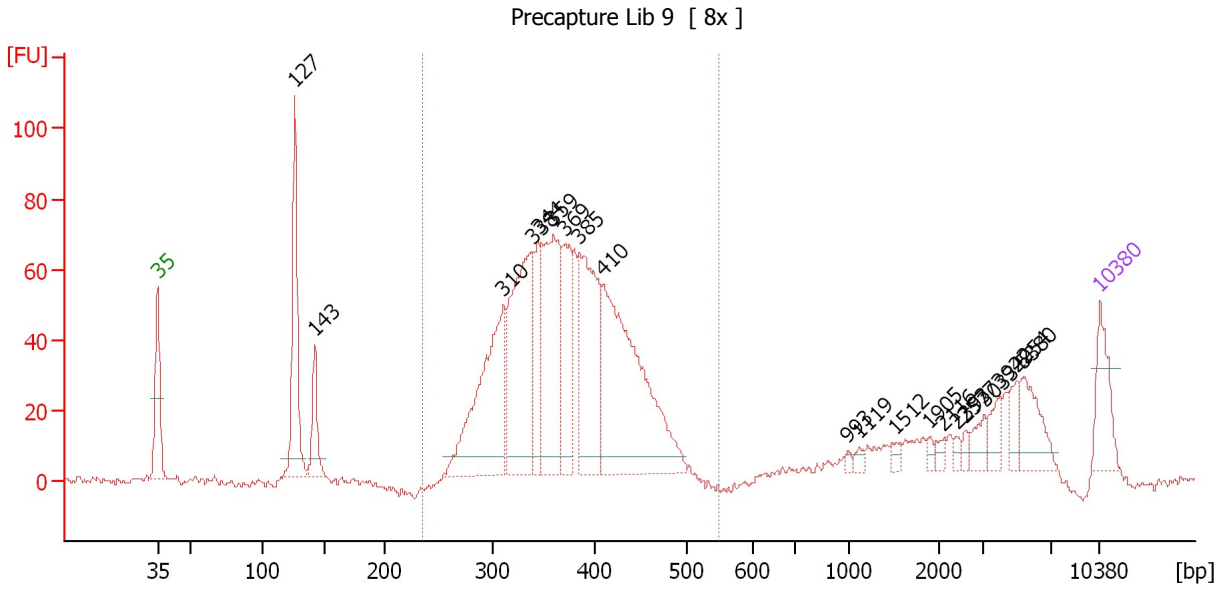
Region table for sample 6 : Precapture Lib 7

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/µl] | Co Corr. lor Area | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|-------------------|---------------|-------------------|------------|-----------------------------|
| 241 | 589 | 381 | 9,661.6 | 2,346.72 | 1,270.1 | 71 | 15.9 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-06-16\2014-06-16_004.xad

Created: 6/16/2014 5:06:43 PM
 Modified: 6/16/2014 5:50:15 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : Precapture Lib 9

Number of peaks found: 20 Corr. Area 1: 1,012.4
 Noise: 1.1

Peak table for sample 7 : Precapture Lib 9

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 127 | 299.75 | 3,588.6 | |
| 3 | 143 | 97.46 | 1,032.2 | |
| 4 | 310 | 404.42 | 1,977.3 | |
| 5 | 338 | 420.64 | 1,884.5 | |
| 6 | 344 | 133.61 | 588.3 | |
| 7 | 359 | 334.47 | 1,410.0 | |
| 8 | 369 | 175.05 | 717.9 | |
| 9 | 385 | 314.91 | 1,240.1 | |
| 10 | 410 | 567.62 | 2,098.9 | |
| 11 | 993 | 6.05 | 9.2 | |
| 12 | 1,119 | 10.19 | 13.8 | |
| 13 | 1,512 | 13.68 | 13.7 | |
| 14 | 1,905 | 9.19 | 7.3 | |
| 15 | 2,116 | 11.52 | 8.2 | |
| 16 | 2,393 | 9.36 | 5.9 | |
| 17 | 2,577 | 10.30 | 6.1 | |
| 18 | 3,033 | 29.31 | 14.6 | |
| 19 | 3,922 | 31.50 | 12.2 | |
| 20 | 4,954 | 34.18 | 10.5 | |
| 21 | 5,380 | 74.94 | 21.1 | |
| 22 | 10,380 | 75.00 | 10.9 | Upper Marker |

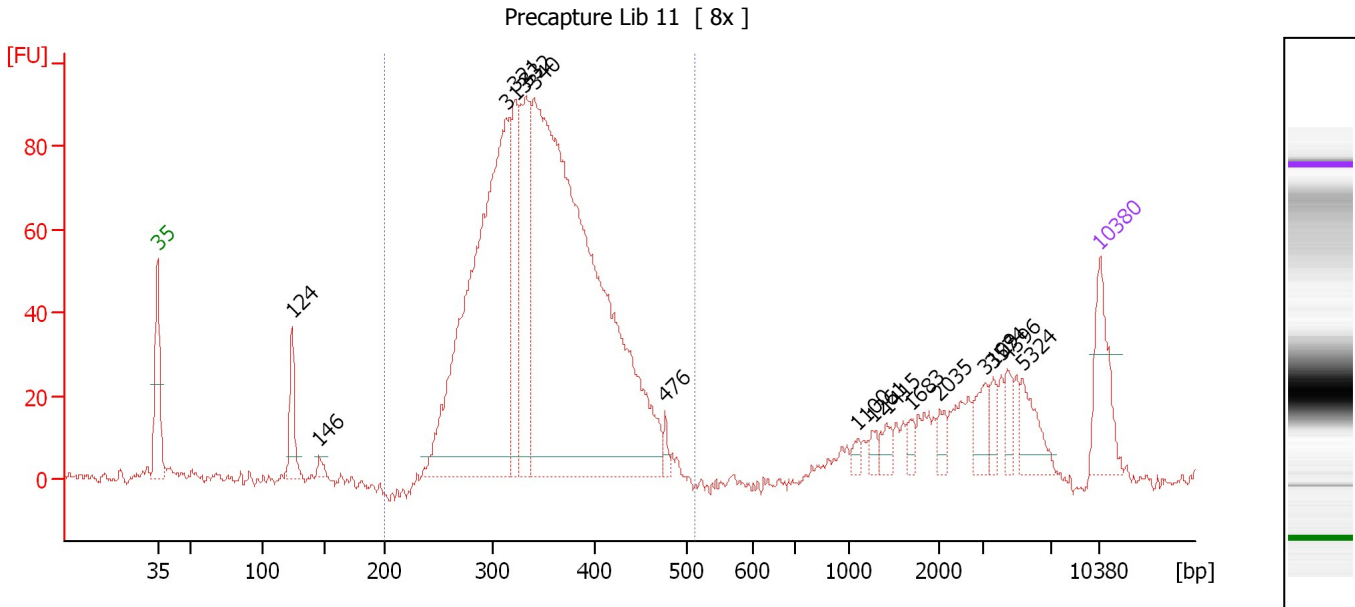
Region table for sample 7 : Precapture Lib 9

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Co Corr. for Area | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|-------------------|---------------|-------------------|------------|-----------------------------|
| 236 | 547 | 370 | 10,523.6 | 2,506.78 | 1,012.4 | 75 | 14.1 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-06-16\2014-06-16_004.xad

Created: 6/16/2014 5:06:43 PM
 Modified: 6/16/2014 5:50:15 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : Precapture Lib 11

Number of peaks found: 16 Corr. Area 1: 1,311.6
 Noise: 1.3

Peak table for sample 8 : Precapture Lib 11

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 124 | 76.33 | 931.7 | |
| 3 | 146 | 13.00 | 134.8 | |
| 4 | 313 | 896.42 | 4,336.6 | |
| 5 | 321 | 170.24 | 802.3 | |
| 6 | 332 | 216.48 | 987.5 | |
| 7 | 340 | 1,471.84 | 6,562.1 | |
| 8 | 476 | 14.12 | 45.0 | |
| 9 | 1,100 | 10.48 | 14.4 | |
| 10 | 1,261 | 12.69 | 15.3 | |
| 11 | 1,415 | 17.21 | 18.4 | |
| 12 | 1,683 | 12.06 | 10.9 | |
| 13 | 2,035 | 17.70 | 13.2 | |
| 14 | 3,109 | 35.99 | 17.5 | |
| 15 | 3,574 | 17.77 | 7.5 | |
| 16 | 4,396 | 22.02 | 7.6 | |
| 17 | 5,324 | 46.76 | 13.3 | |
| 18 | 10,380 | 75.00 | 10.9 | Upper Marker |

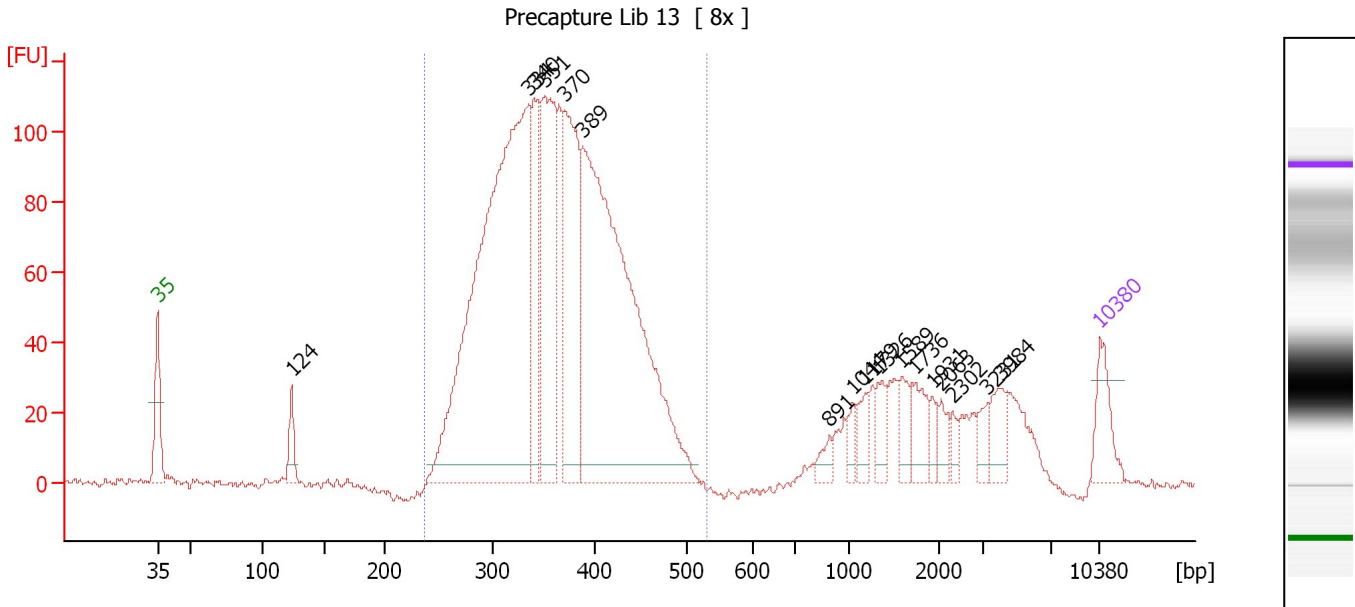
Region table for sample 8 : Precapture Lib 11

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Co Corr. lor Area | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|-------------------|---------------|-------------------|------------|-----------------------------|
| 200 | 512 | 348 | 12,163.8 | 2,710.50 | 1,311.6 | 82 | 15.0 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-06-16\2014-06-16_004.xad

Created: 6/16/2014 5:06:43 PM
 Modified: 6/16/2014 5:50:15 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : Precapture Lib 13

Number of peaks found: 17 Corr. Area 1: 1,760.9
 Noise: 1.1

Peak table for sample 9 : Precapture Lib 13

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 124 | 71.04 | 868.1 | |
| 3 | 334 | 1,711.07 | 7,750.6 | |
| 4 | 340 | 231.87 | 1,033.8 | |
| 5 | 351 | 436.72 | 1,887.7 | |
| 6 | 370 | 467.64 | 1,914.3 | |
| 7 | 389 | 1,366.13 | 5,327.2 | |
| 8 | 891 | 28.79 | 49.0 | |
| 9 | 1,044 | 27.65 | 40.1 | |
| 10 | 1,179 | 44.06 | 56.6 | |
| 11 | 1,326 | 45.17 | 51.6 | |
| 12 | 1,589 | 46.74 | 44.6 | |
| 13 | 1,736 | 65.57 | 57.2 | |
| 14 | 1,931 | 24.29 | 19.1 | |
| 15 | 2,063 | 31.60 | 23.2 | |
| 16 | 2,302 | 19.30 | 12.7 | |
| 17 | 3,231 | 29.28 | 13.7 | |
| 18 | 3,984 | 56.51 | 21.5 | |
| 19 | 10,380 | 75.00 | 10.9 | Upper Marker |

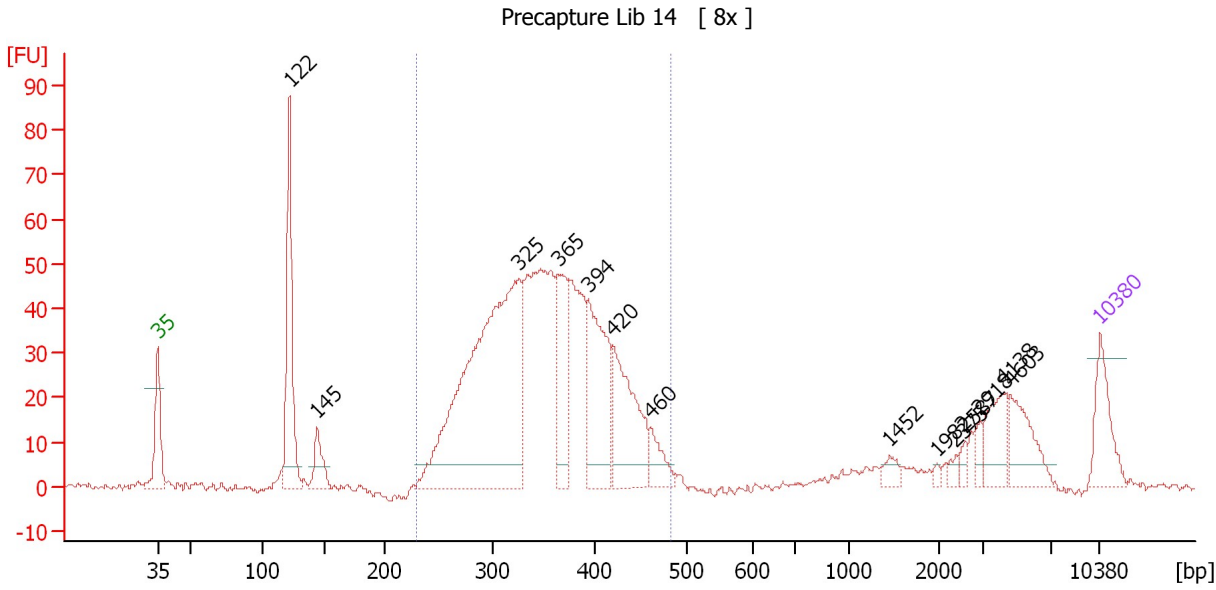
Region table for sample 9 : Precapture Lib 13

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Co Corr. lor Area | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|-------------------|---------------|-------------------|------------|-----------------------------|
| 238 | 529 | 361 | 19,660.9 | 4,539.73 | 1,760.9 | 82 | 15.3 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-06-16\2014-06-16_004.xad

Created: 6/16/2014 5:06:43 PM
 Modified: 6/16/2014 5:50:15 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : Precapture Lib 14

Number of peaks found: 14 Corr. Area 1: 784.7
 Noise: 0.7

Peak table for sample 10 : Precapture Lib 14

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 122 | 303.85 | 3,763.7 | |
| 3 | 145 | 63.87 | 668.5 | |
| 4 | 325 | 920.31 | 4,291.8 | |
| 5 | 365 | 178.64 | 742.3 | |
| 6 | 394 | 254.28 | 978.6 | |
| 7 | 420 | 222.60 | 803.8 | |
| 8 | 460 | 53.48 | 176.0 | |
| 9 | 1,452 | 19.37 | 20.2 | |
| 10 | 1,982 | 6.50 | 5.0 | |
| 11 | 2,375 | 10.31 | 6.6 | |
| 12 | 2,587 | 12.35 | 7.2 | |
| 13 | 2,918 | 16.29 | 8.5 | |
| 14 | 4,138 | 68.50 | 25.1 | |
| 15 | 4,603 | 79.83 | 26.3 | |
| 16 | 10,380 | 75.00 | 10.9 | Upper Marker |

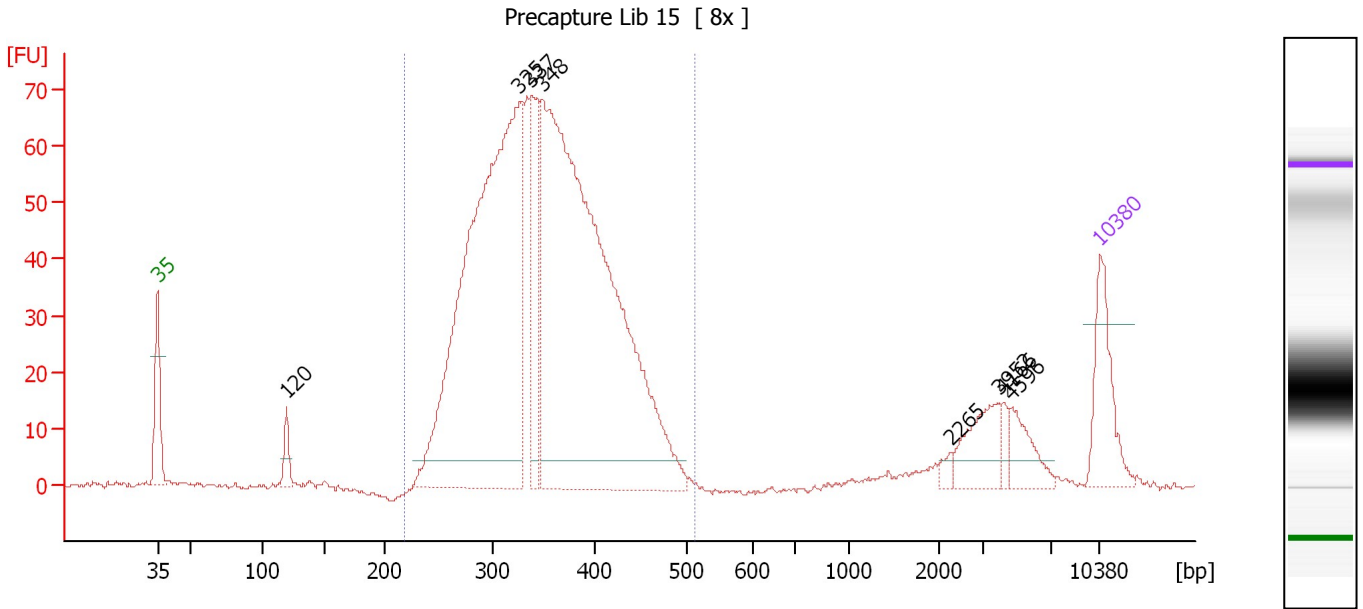
Region table for sample 10 : Precapture Lib 14

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Co Corr. lor Area | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|-------------------|---------------|-------------------|------------|-----------------------------|
| 230 | 483 | 352 | 10,485.4 | 2,358.01 | 784.7 | 78 | 15.4 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-06-16\2014-06-16_004.xad

Created: 6/16/2014 5:06:43 PM
 Modified: 6/16/2014 5:50:15 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : Precapture Lib 15

Number of peaks found: 8 Corr. Area 1: 1,080.3
 Noise: 0.4

Peak table for sample 11 : Precapture Lib 15

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 120 | 29.81 | 377.9 | |
| 3 | 325 | 994.19 | 4,629.9 | |
| 4 | 337 | 133.38 | 599.3 | |
| 5 | 348 | 1,189.87 | 5,181.8 | |
| 6 | 2,265 | 9.14 | 6.1 | |
| 7 | 3,952 | 60.11 | 23.0 | |
| 8 | 4,166 | 12.39 | 4.5 | |
| 9 | 4,596 | 38.41 | 12.7 | |
| 10 | 10,380 | 75.00 | 10.9 | Upper Marker |

Region table for sample 11 : Precapture Lib 15

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Co Corr. lor Area | % of Total | Size distribution in CV [%] |
|-----------|---------|-------------------|-------------------|---------------|-------------------|------------|-----------------------------|
| 219 | 511 | 349 | 10,675.3 | 2,376.91 | 1,080.3 | 91 | 15.9 |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-06-16\2014-06-16_004.xad

Created: 6/16/2014 5:06:43 PM
Modified: 6/16/2014 5:50:15 PM

Gel Image

