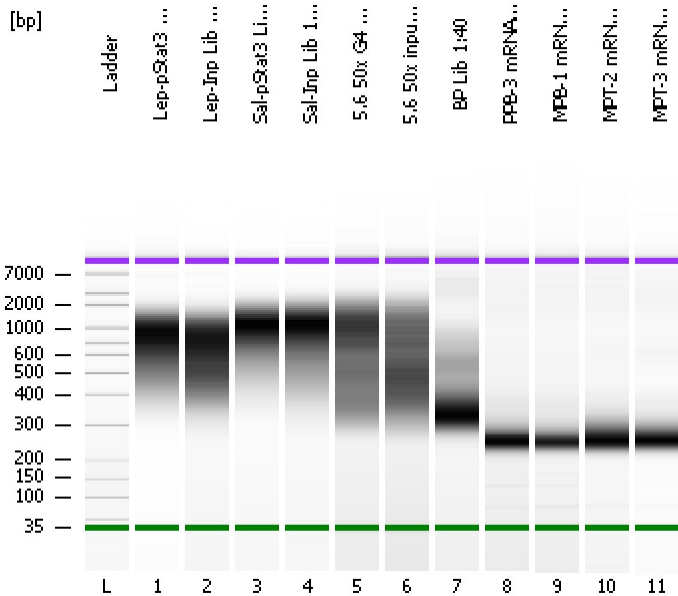


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-07-12\2013-07-12_004.xad

Created: 7/12/2013 4:02:39 PM
Modified: 7/12/2013 4:47:02 PM

Electrophoresis File Run Summary



Instrument Information:

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

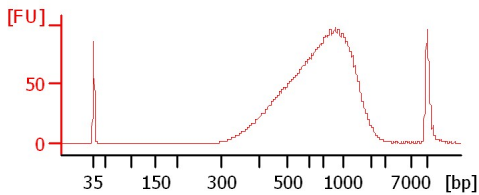
Assay Information:

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

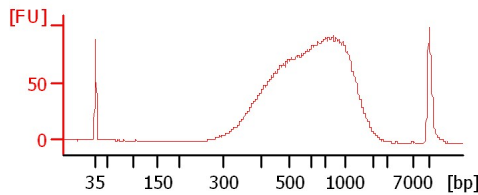
Chip Information:

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

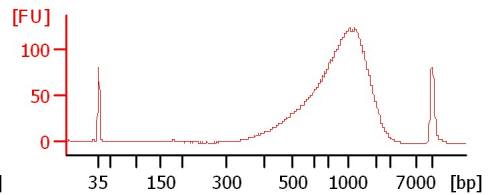
Lep-pStat3 Lib 1:50



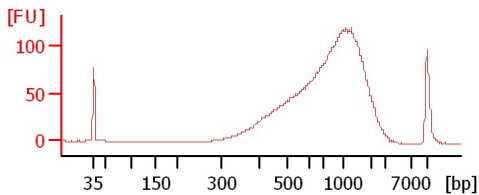
Lep-Inp Lib 1:17



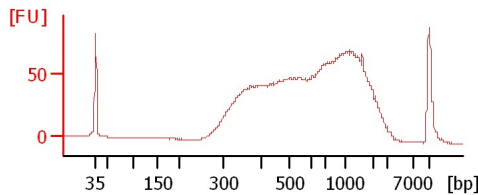
Sal-pStat3 Lib 1:32



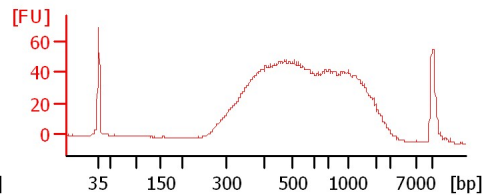
Sal-Inp Lib 1:11



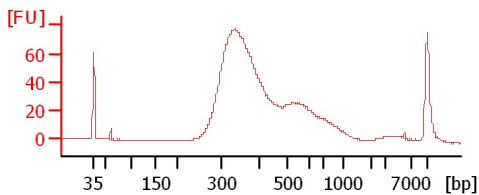
5.6 50x G4 CHIP Lib 1:5



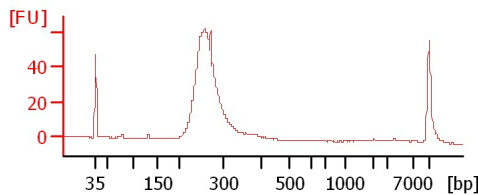
5.6 50x input Lib 1:8



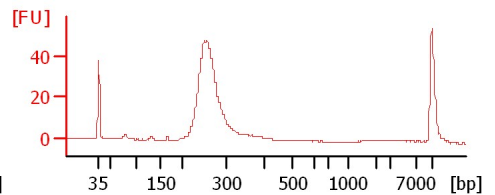
BP Lib 1:40



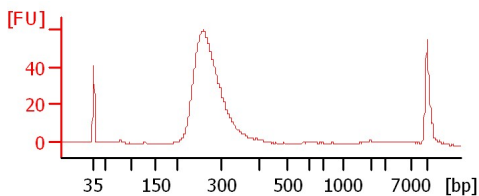
PPB-3 mRNA Lib 1:2



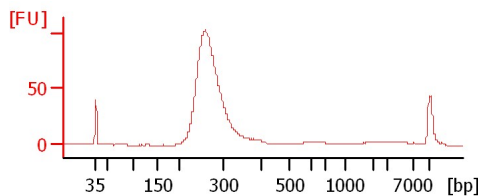
MPB-1 mRNA Lib 1:2



MPT-2 mRNA Lib 1:2



MPT-3 mRNA Lib 1:2



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-07-12\2013-07-12_004.xad

Created: 7/12/2013 4:02:39 PM
 Modified: 7/12/2013 4:47:02 PM

Electrophoresis File Run Summary (Chip Summary)

| Sample Name | Sample Comment | Rest. Digest | Status | Observation | Result Label | Result Color |
|-------------------------|----------------|--------------------------|--------|-------------|--------------|--------------|
| Lep-pStat3 Lib 1:50 | | <input type="checkbox"/> | ✓ | | | |
| Lep-Inp Lib 1:17 | | <input type="checkbox"/> | ✓ | | | |
| Sal-pStat3 Lib 1:32 | | <input type="checkbox"/> | ✓ | | | |
| Sal-Inp Lib 1:11 | | <input type="checkbox"/> | ✓ | | | |
| 5.6 50x G4 ChIP Lib 1:5 | | <input type="checkbox"/> | ✓ | | | |
| 5.6 50x input Lib 1:8 | | <input type="checkbox"/> | ✓ | | | |
| BP Lib 1:40 | | <input type="checkbox"/> | ✓ | | | |
| PPB-3 mRNA Lib 1:2 | | <input type="checkbox"/> | ✓ | | | |
| MPB-1 mRNA Lib 1:2 | | <input type="checkbox"/> | ✓ | | | |
| MPT-2 mRNA Lib 1:2 | | <input type="checkbox"/> | ✓ | | | |
| MPT-3 mRNA Lib 1:2 | | <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\2013-07-12\2013-07-12_004.xad

Created: 7/12/2013 4:02:39 PM
Modified: 7/12/2013 4:47:02 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

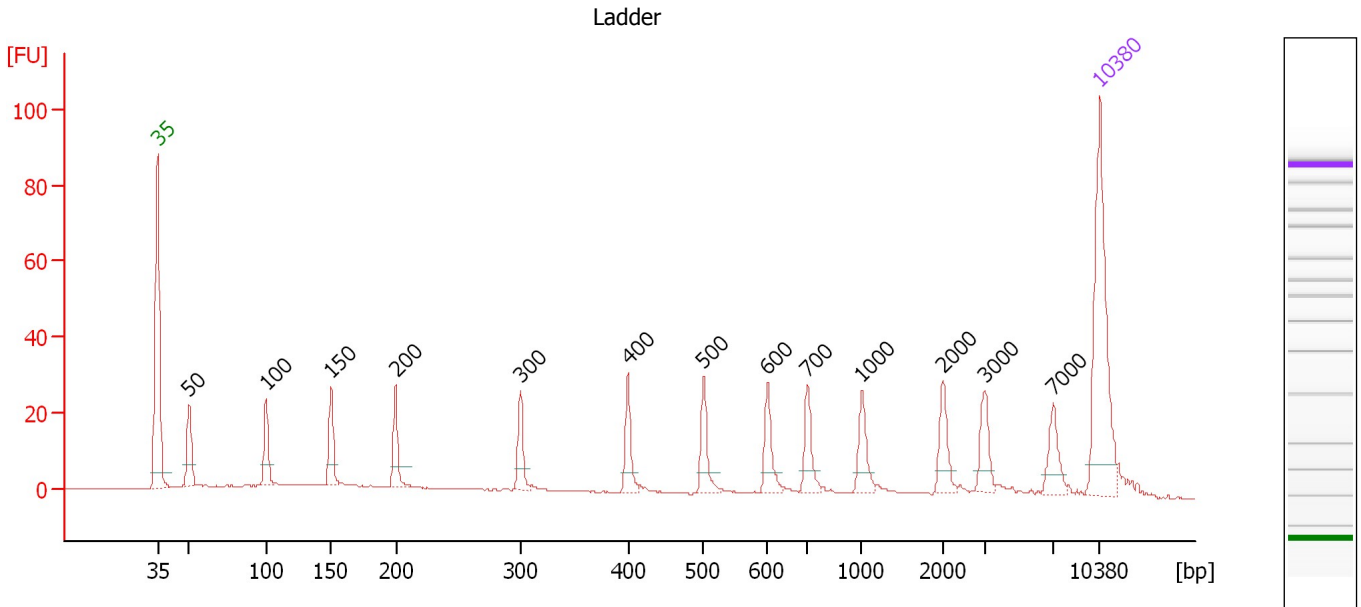
Ladder

| 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\2013-07-12\2013-07-12_004.xad

Created: 7/12/2013 4:02:39 PM
 Modified: 7/12/2013 4:47:02 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.1

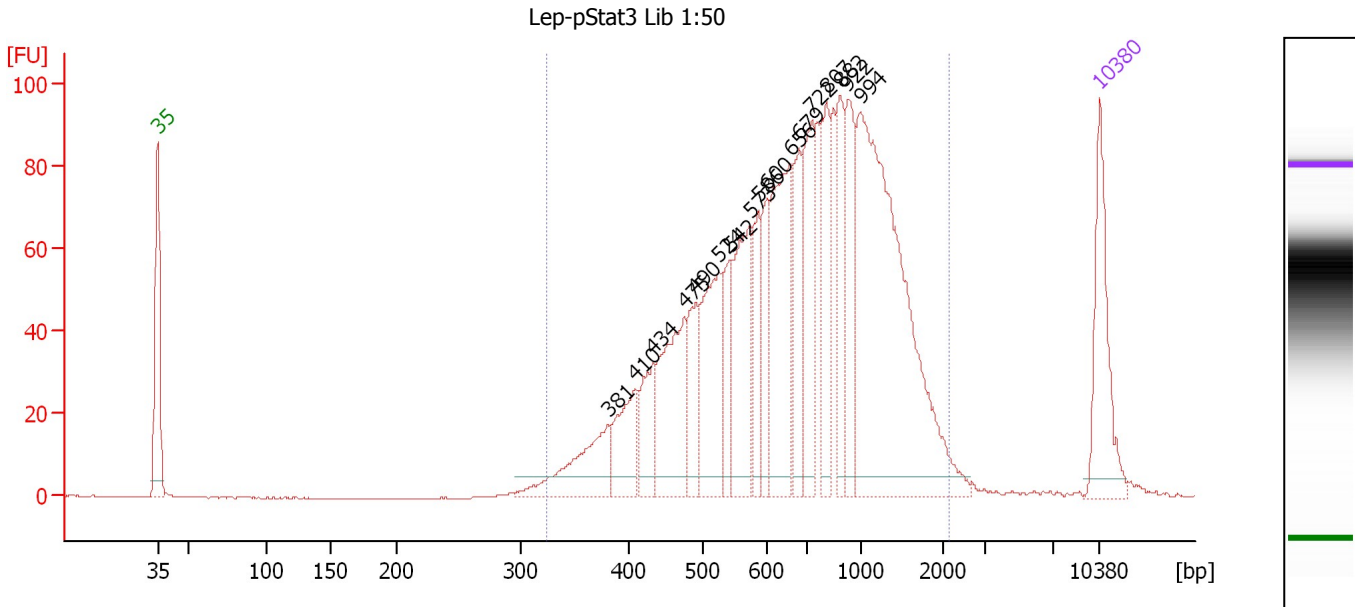
Peak table for Ladder

| 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\2013-07-12\2013-07-12_004.xad

Created: 7/12/2013 4:02:39 PM
 Modified: 7/12/2013 4:47:02 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : Lep-pStat3 Lib 1:50

Number of peaks found: 17 Corr. Area 1: 1,750.3
 Noise: 0.1

Peak table for sample 1 : Lep-pStat3 Lib 1:50

| Peak | Size [bp] | Conc. [pg/µl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 381 | 84.58 | 336.0 | |
| 3 | 410 | 63.97 | 236.3 | |
| 4 | 434 | 51.60 | 180.2 | |
| 5 | 475 | 122.55 | 391.3 | |
| 6 | 490 | 58.80 | 181.8 | |
| 7 | 524 | 116.82 | 337.9 | |
| 8 | 542 | 50.44 | 141.0 | |
| 9 | 573 | 113.18 | 299.4 | |
| 10 | 586 | 49.16 | 127.1 | |
| 11 | 600 | 54.66 | 138.1 | |
| 12 | 656 | 153.02 | 353.3 | |
| 13 | 679 | 64.24 | 143.3 | |
| 14 | 722 | 96.52 | 202.7 | |
| 15 | 807 | 72.95 | 137.0 | |
| 16 | 882 | 66.69 | 114.6 | |
| 17 | 922 | 73.56 | 120.8 | |
| 18 | 994 | 398.63 | 607.7 | |
| 19 | 10,380 | 75.00 | 10.9 | Upper Marker |

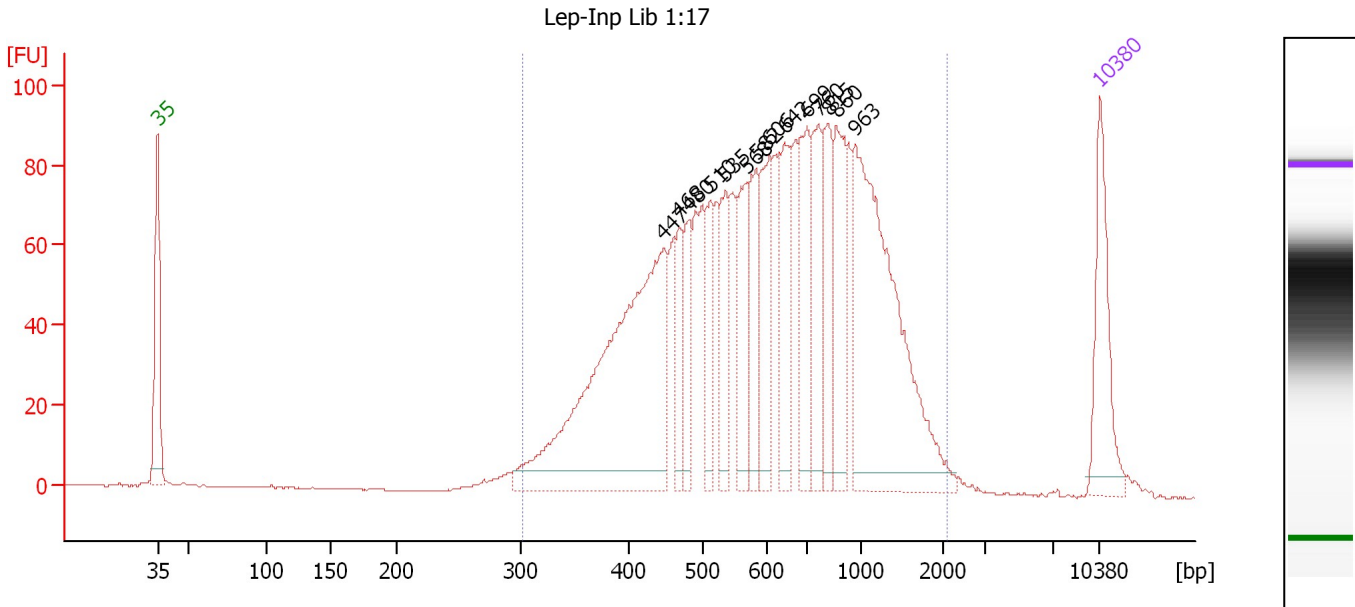
Region table for sample 1 : Lep-pStat3 Lib 1:50

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/µl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 324 | 2,163 | 804 | 4,242.1 | 1,807.16 | 1,750.3 | 97 | 45.6 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-07-12\2013-07-12_004.xad

Created: 7/12/2013 4:02:39 PM
 Modified: 7/12/2013 4:47:02 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : Lep-Inp Lib 1:17

Number of peaks found: 14 Corr. Area 1: 2,079.8
 Noise: 0.2

Peak table for sample 2 : Lep-Inp Lib 1:17

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 447 | 471.02 | 1,596.7 | |
| 3 | 468 | 53.40 | 173.0 | |
| 4 | 480 | 54.46 | 171.9 | |
| 5 | 510 | 56.67 | 168.2 | |
| 6 | 535 | 68.79 | 194.9 | |
| 7 | 568 | 76.13 | 203.1 | |
| 8 | 582 | 77.51 | 201.6 | |
| 9 | 606 | 82.50 | 206.2 | |
| 10 | 642 | 87.28 | 206.1 | |
| 11 | 699 | 96.13 | 208.3 | |
| 12 | 760 | 84.48 | 168.4 | |
| 13 | 815 | 68.26 | 126.9 | |
| 14 | 860 | 100.12 | 176.4 | |
| 15 | 963 | 324.54 | 510.4 | |
| 16 | 10,380 | 75.00 | 10.9 | Upper Marker |

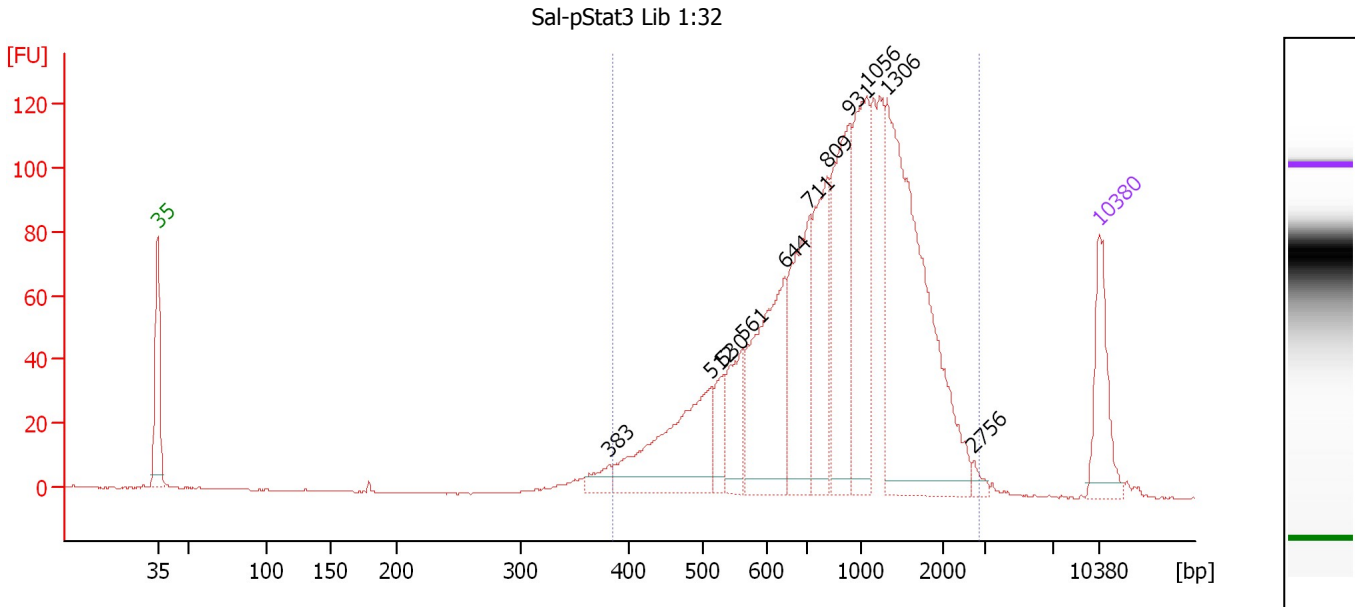
Region table for sample 2 : Lep-Inp Lib 1:17

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 302 | 2,122 | 711 | 5,595.1 | 2,118.49 | 2,079.8 | 97 | 46.6 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-07-12\2013-07-12_004.xad

Created: 7/12/2013 4:02:39 PM
 Modified: 7/12/2013 4:47:02 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : Sal-pStat3 Lib 1:32

Number of peaks found: 11 Corr. Area 1: 1,748.6
 Noise: 0.2

Peak table for sample 3 : Sal-pStat3 Lib 1:32

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 383 | 23.03 | 91.2 | |
| 3 | 512 | 217.95 | 644.5 | |
| 4 | 530 | 45.18 | 129.2 | |
| 5 | 561 | 79.96 | 216.1 | |
| 6 | 644 | 240.79 | 566.6 | |
| 7 | 711 | 181.03 | 385.7 | |
| 8 | 809 | 162.61 | 304.7 | |
| 9 | 931 | 207.64 | 338.0 | |
| 10 | 1,056 | 187.08 | 268.5 | |
| 11 | 1,306 | 455.68 | 528.5 | |
| 12 | 2,756 | 8.99 | 4.9 | |
| 13 | 10,380 | 75.00 | 10.9 | Upper Marker |

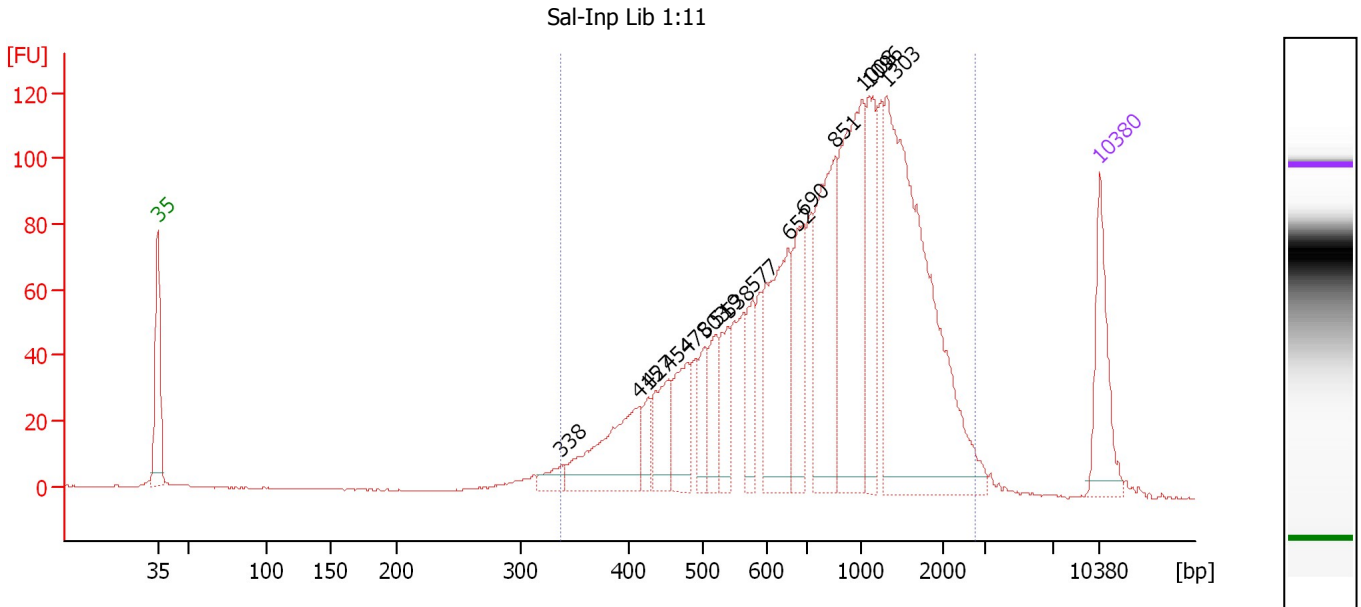
Region table for sample 3 : Sal-pStat3 Lib 1:32

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 385 | 2,883 | 1,020 | 3,717.3 | 1,956.97 | 1,748.6 | 97 | 46.8 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-07-12\2013-07-12_004.xad

Created: 7/12/2013 4:02:39 PM
 Modified: 7/12/2013 4:47:02 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : Sal-Inp Lib 1:11

Number of peaks found: 15 Corr. Area 1: 2,006.2
 Noise: 0.2

Peak table for sample 4 : Sal-Inp Lib 1:11

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 338 | 22.11 | 99.0 | |
| 3 | 415 | 142.86 | 521.9 | |
| 4 | 427 | 25.78 | 91.4 | |
| 5 | 454 | 70.51 | 235.5 | |
| 6 | 478 | 75.14 | 238.0 | |
| 7 | 503 | 46.80 | 140.8 | |
| 8 | 519 | 55.78 | 162.7 | |
| 9 | 538 | 57.19 | 160.9 | |
| 10 | 577 | 55.83 | 146.7 | |
| 11 | 652 | 184.65 | 429.2 | |
| 12 | 690 | 99.12 | 217.6 | |
| 13 | 851 | 191.26 | 340.4 | |
| 14 | 1,008 | 253.49 | 380.9 | |
| 15 | 1,096 | 106.38 | 147.1 | |
| 16 | 1,303 | 474.01 | 551.2 | |
| 17 | 10,380 | 75.00 | 10.9 | Upper Marker |

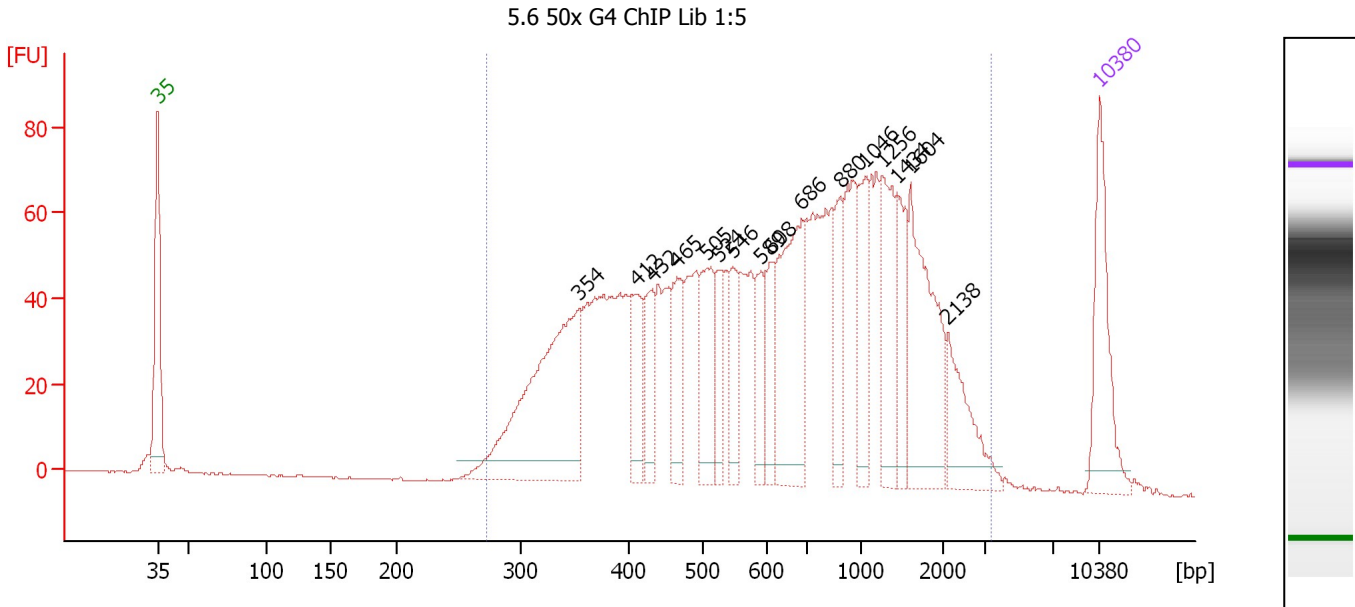
Region table for sample 4 : Sal-Inp Lib 1:11

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 338 | 2,804 | 973 | 4,444.2 | 2,110.23 | 2,006.1 | 96 | 51.4 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-07-12\2013-07-12_004.xad

Created: 7/12/2013 4:02:39 PM
 Modified: 7/12/2013 4:47:02 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : 5.6 50x G4 ChIP Lib 1:5

Number of peaks found: 16 Corr. Area 1: 1,992.0
 Noise: 0.2

Peak table for sample 5 : 5.6 50x G4 ChIP Lib 1:5

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 354 | 279.78 | 1,197.8 | |
| 3 | 412 | 62.53 | 230.0 | |
| 4 | 432 | 53.30 | 187.1 | |
| 5 | 465 | 64.96 | 211.5 | |
| 6 | 505 | 79.67 | 239.2 | |
| 7 | 524 | 41.88 | 121.1 | |
| 8 | 546 | 50.04 | 138.8 | |
| 9 | 589 | 40.48 | 104.1 | |
| 10 | 608 | 38.56 | 96.0 | |
| 11 | 686 | 159.34 | 352.0 | |
| 12 | 880 | 55.86 | 96.1 | |
| 13 | 1,046 | 55.55 | 80.4 | |
| 14 | 1,256 | 79.05 | 95.3 | |
| 15 | 1,434 | 51.20 | 54.1 | |
| 16 | 1,604 | 131.23 | 124.0 | |
| 17 | 2,138 | 59.37 | 42.1 | |
| 18 | 10,380 | 75.00 | 10.9 | Upper Marker |

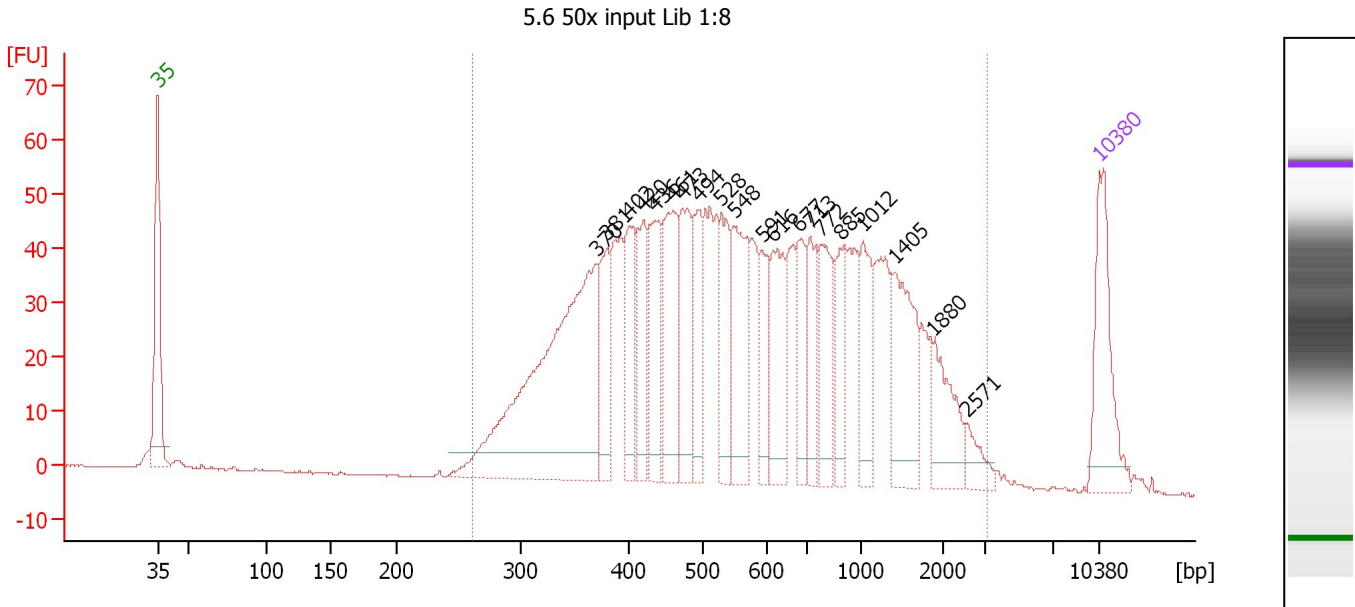
Region table for sample 5 : 5.6 50x G4 ChIP Lib 1:5

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 272 | 3,345 | 839 | 5,841.6 | 2,130.46 | 1,992.0 | 98 | 65.7 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-07-12\2013-07-12_004.xad

Created: 7/12/2013 4:02:39 PM
 Modified: 7/12/2013 4:47:02 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : 5.6 50x input Lib 1:8

Number of peaks found: 20 Corr. Area 1: 1,593.9
 Noise: 0.2

Peak table for sample 6 : 5.6 50x input Lib 1:8

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 370 | 407.25 | 1,667.1 | |
| 3 | 381 | 69.23 | 275.2 | |
| 4 | 402 | 65.00 | 244.9 | |
| 5 | 420 | 65.18 | 235.4 | |
| 6 | 436 | 91.56 | 318.1 | |
| 7 | 461 | 110.35 | 363.1 | |
| 8 | 473 | 92.98 | 298.0 | |
| 9 | 494 | 60.98 | 187.2 | |
| 10 | 528 | 72.35 | 207.8 | |
| 11 | 548 | 97.08 | 268.3 | |
| 12 | 591 | 51.65 | 132.3 | |
| 13 | 616 | 79.72 | 196.1 | |
| 14 | 677 | 50.93 | 114.1 | |
| 15 | 713 | 56.92 | 120.9 | |
| 16 | 772 | 72.74 | 142.8 | |
| 17 | 885 | 38.29 | 65.6 | |
| 18 | 1,012 | 60.25 | 90.2 | |
| 19 | 1,405 | 88.95 | 95.9 | |
| 20 | 1,880 | 52.66 | 42.4 | |
| 21 | 2,571 | 17.32 | 10.2 | |
| 22 | 10,380 | 75.00 | 10.9 | Upper Marker |

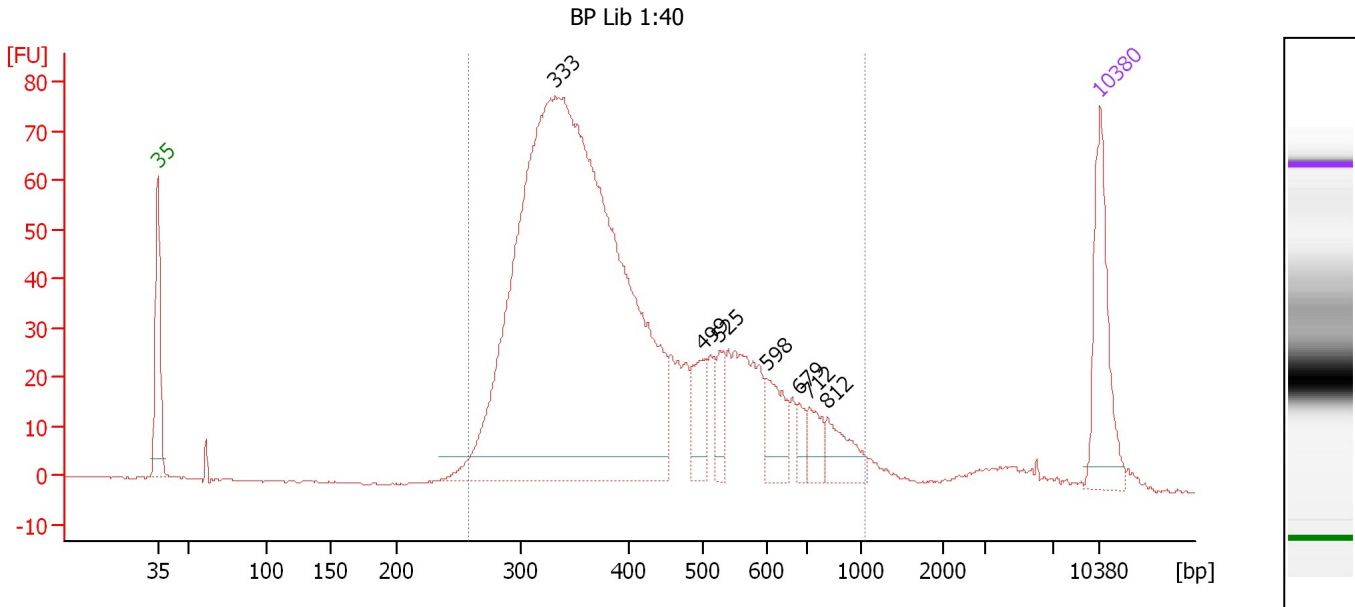
Region table for sample 6 : 5.6 50x input Lib 1:8

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 262 | 3,141 | 737 | 6,619.8 | 2,236.77 | 1,593.9 | 98 | 67.0 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-07-12\2013-07-12_004.xad

Created: 7/12/2013 4:02:39 PM
 Modified: 7/12/2013 4:47:02 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : BP Lib 1:40

Number of peaks found: 7 Corr. Area 1: 1,320.4
 Noise: 0.1

Peak table for sample 7 : BP Lib 1:40

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 333 | 1,348.75 | 6,142.1 | |
| 3 | 499 | 40.29 | 122.4 | |
| 4 | 525 | 26.51 | 76.5 | |
| 5 | 598 | 43.35 | 109.8 | |
| 6 | 679 | 14.09 | 31.4 | |
| 7 | 712 | 24.57 | 52.3 | |
| 8 | 812 | 34.73 | 64.8 | |
| 9 | 10,380 | 75.00 | 10.9 | Upper Marker |

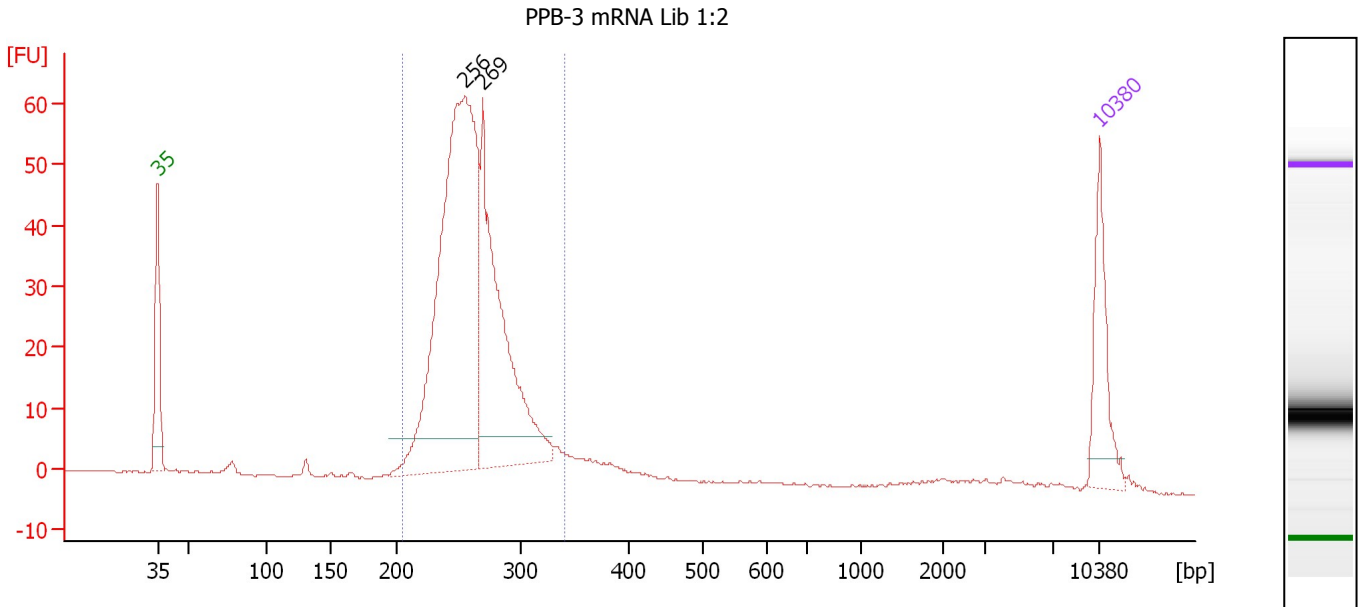
Region table for sample 7 : BP Lib 1:40

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 258 | 1,050 | 424 | 6,948.5 | 1,740.87 | 1,320.4 | 94 | 33.1 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-07-12\2013-07-12_004.xad

Created: 7/12/2013 4:02:39 PM
 Modified: 7/12/2013 4:47:02 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : PPB-3 mRNA Lib 1:2

Number of peaks found: 2 Corr. Area 1: 486.7
 Noise: 0.1

Peak table for sample 8 : PPB-3 mRNA Lib 1:2

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 256 | 731.29 | 4,332.7 | |
| 3 | 269 | 383.56 | 2,157.7 | |
| 4 | 10,380 | 75.00 | 10.9 | Upper Marker |

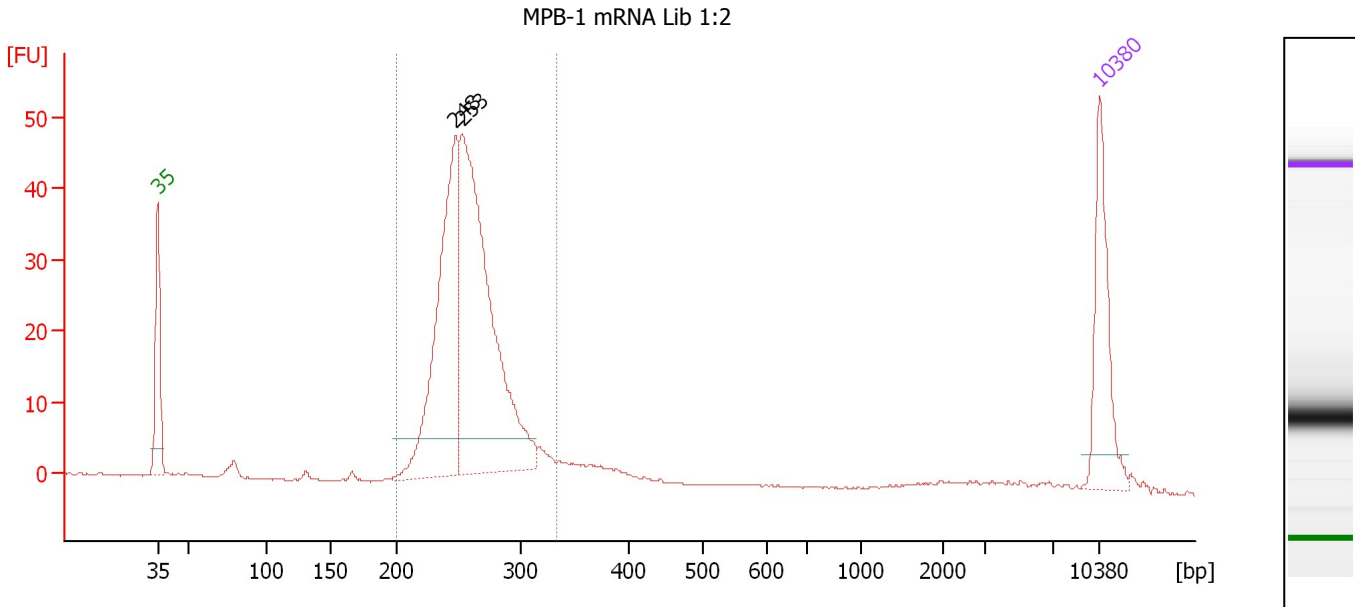
Region table for sample 8 : PPB-3 mRNA Lib 1:2

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 206 | 340 | 262 | 6,969.6 | 1,200.55 | 486.7 | 88 | 9.5 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-07-12\2013-07-12_004.xad

Created: 7/12/2013 4:02:39 PM
 Modified: 7/12/2013 4:47:02 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : MPB-1 mRNA Lib 1:2

Number of peaks found: 2 Corr. Area 1: 335.3
 Noise: 0.1

Peak table for sample 9 : MPB-1 mRNA Lib 1:2

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 248 | 292.41 | 1,789.6 | |
| 3 | 253 | 435.44 | 2,606.8 | |
| 4 | 10,380 | 75.00 | 10.9 | Upper Marker |

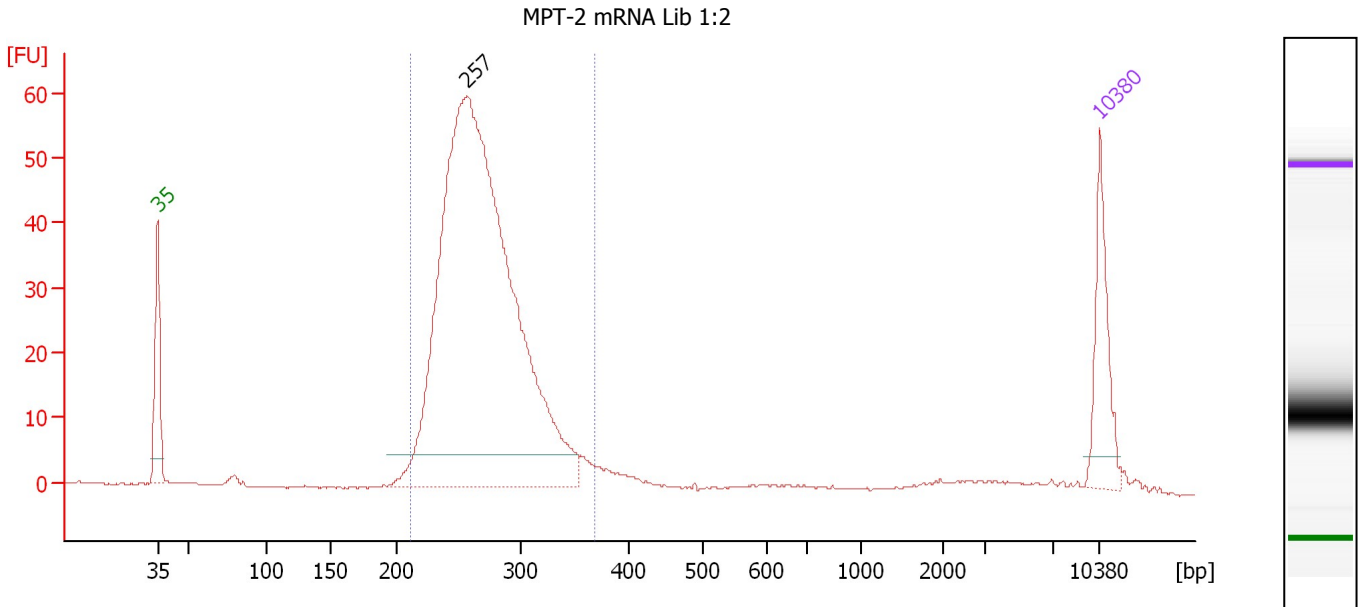
Region table for sample 9 : MPB-1 mRNA Lib 1:2

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 200 | 333 | 259 | 4,536.6 | 774.16 | 335.3 | 89 | 8.8 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-07-12\2013-07-12_004.xad

Created: 7/12/2013 4:02:39 PM
 Modified: 7/12/2013 4:47:02 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : MPT-2 mRNA Lib 1:2

Number of peaks found: 1 Corr. Area 1: 549.5
 Noise: 0.1

Peak table for sample 10 : MPT-2 mRNA Lib 1:2

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 257 | 1,418.71 | 8,361.0 | |
| 3 | 10,380 | 75.00 | 10.9 | Upper Marker |

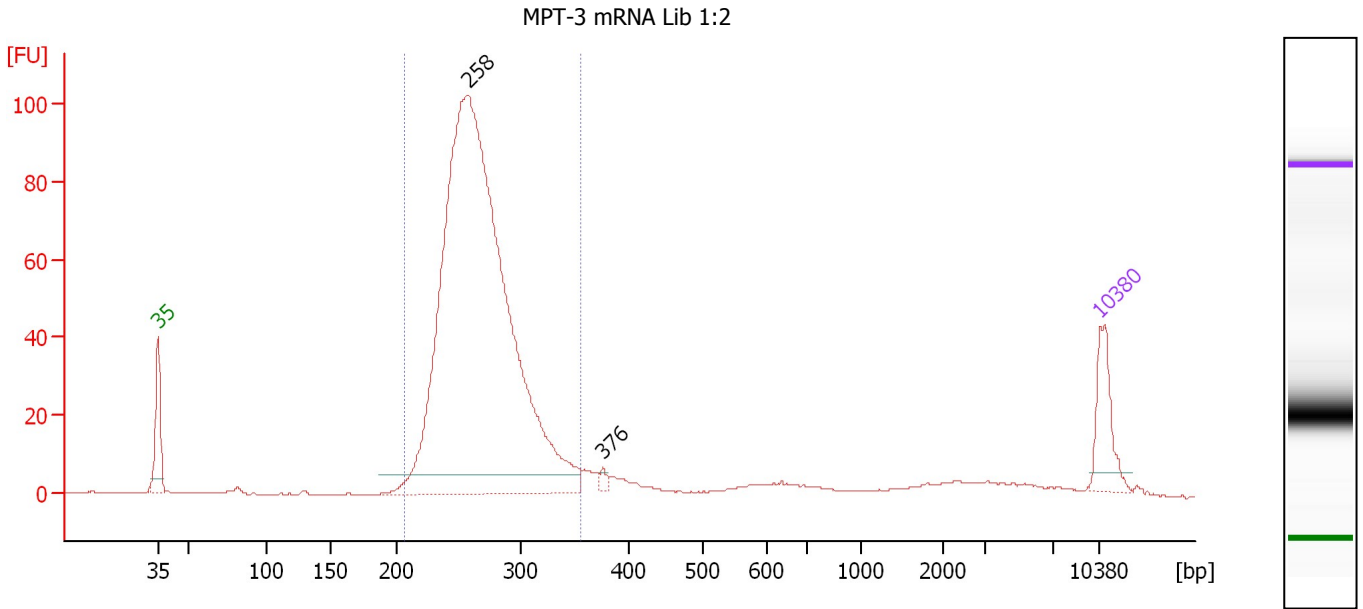
Region table for sample 10 : MPT-2 mRNA Lib 1:2

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 211 | 368 | 271 | 7,916.5 | 1,400.13 | 549.5 | 88 | 11.3 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-07-12\2013-07-12_004.xad

Created: 7/12/2013 4:02:39 PM
 Modified: 7/12/2013 4:47:02 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : MPT-3 mRNA Lib 1:2

Number of peaks found: 2 Corr. Area 1: 820.5
 Noise: 0.1

Peak table for sample 11 : MPT-3 mRNA Lib 1:2

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 258 | 2,207.63 | 12,984.5 | |
| 3 | 376 | 10.02 | 40.3 | |
| 4 | 10,380 | 75.00 | 10.9 | Upper Marker |

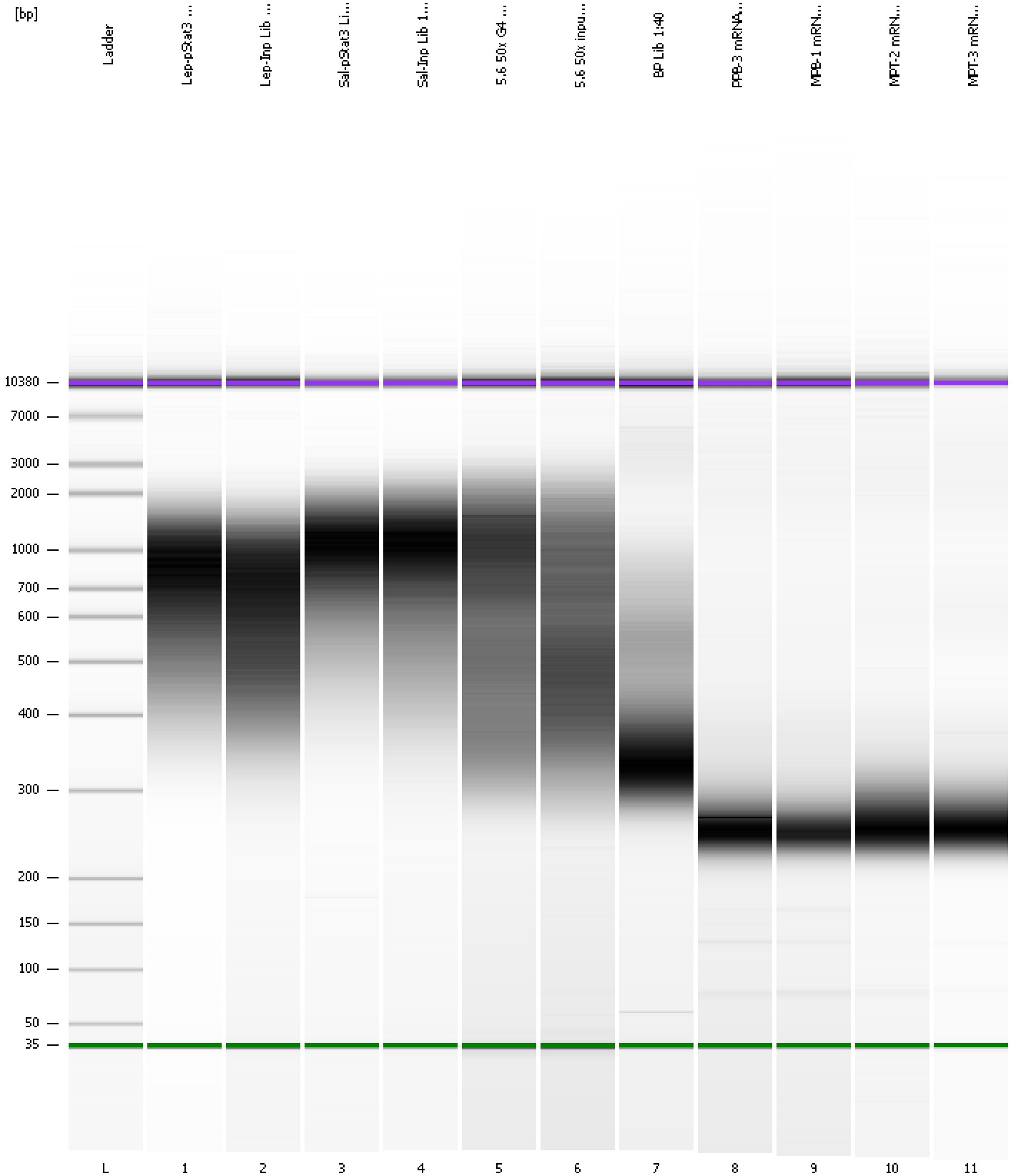
Region table for sample 11 : MPT-3 mRNA Lib 1:2

| From [bp] | To [bp] | Average Size [bp] | Molarity [pmol/l] | Conc. [pg/μl] | Corr. Area | % of Total | Size distribution in CV [%] | Color |
|-----------|---------|-------------------|-------------------|---------------|------------|------------|-----------------------------|-------|
| 207 | 356 | 268 | 12,352.0 | 2,165.47 | 820.5 | 88 | 10.2 | Blue |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2013-07-12\2013-07-12_004.xad

Created: 7/12/2013 4:02:39 PM
Modified: 7/12/2013 4:47:02 PM

Gel Image



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-07-12\2013-07-12_004.xad

Created: 7/12/2013 4:02:39 PM
 Modified: 7/12/2013 4:47:02 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 | | 7/12/2013 4:43:57 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Run started on port 1 (File: C:\Documents and Settings\Bioanalyzer\2013-07-12\2013-07-12_004.xad) | | Instrument | Run | | 7/12/2013 4:02:44 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Product Number : G2938B | | Instrument | Run | | 7/12/2013 4:02:44 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Name : | | Instrument | Run | | 7/12/2013 4:02:44 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Vendor : Agilent Technologies | | Instrument | Run | | 7/12/2013 4:02:44 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Serial# : DE13701086 | | Instrument | Run | | 7/12/2013 4:02:44 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Firmware : C.01.069 | | Instrument | Run | | 7/12/2013 4:02:44 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Cartridge : Electrode | | Instrument | Run | | 7/12/2013 4:02:44 PM | (GMT --07:00) Pacific Standard Time | UC Davis | D8XSMGH1 |