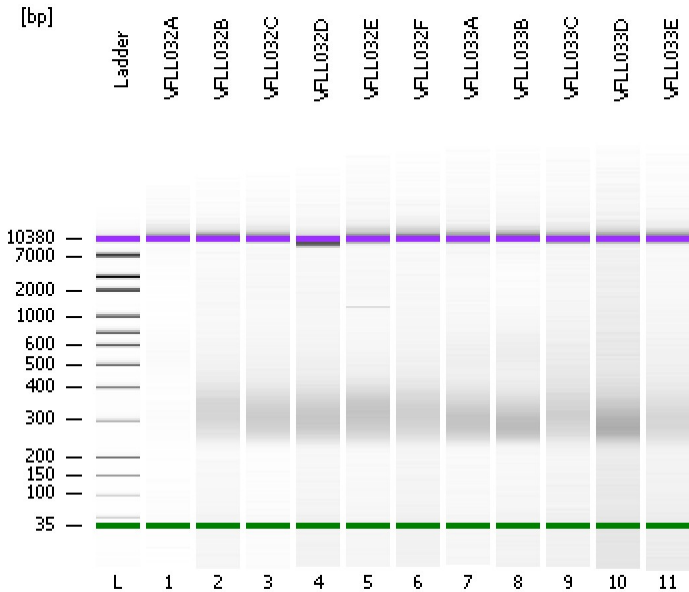


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-12-18\2014-12-18_005.xad

Created: 12/18/2014 4:05:52 PM
Modified: 12/18/2014 4:46:16 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

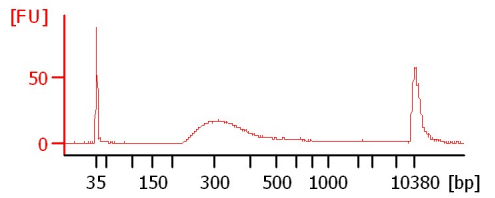
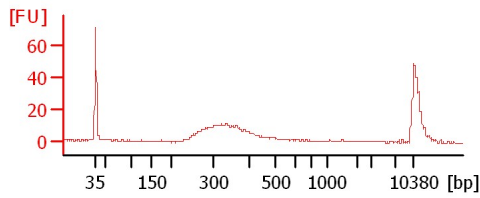
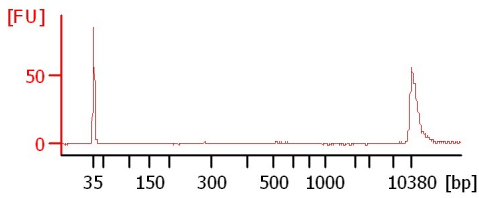
Chip Information:

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

VFLLO32A

VFLLO32B

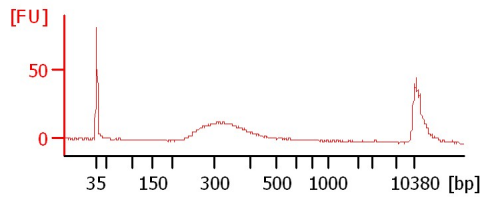
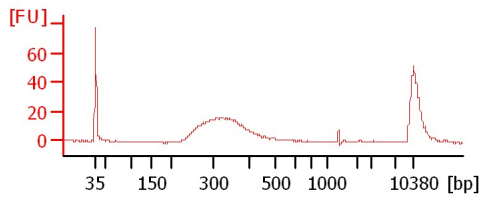
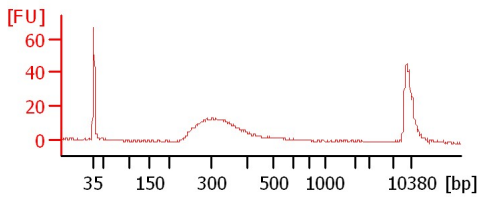
VFLLO32C



VFLLO32D

VFLLO32E

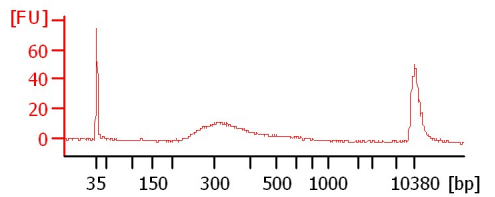
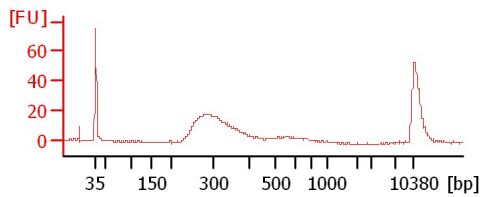
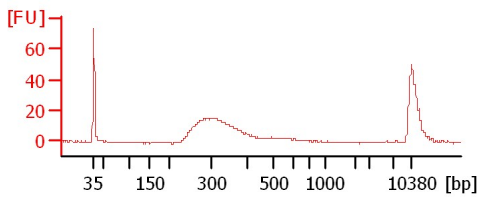
VFLLO32F



VFLLO33A

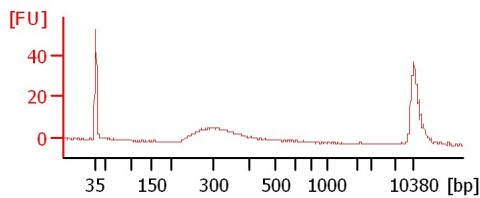
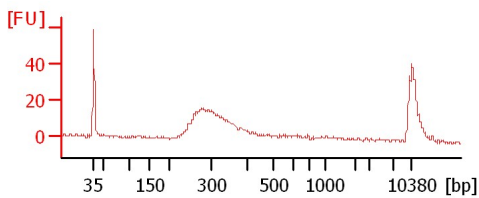
VFLLO33B

VFLLO33C



VFLLO33D

VFLLO33E



Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-12-18\2014-12-18_005.xad

Created: 12/18/2014 4:05:52 PM
Modified: 12/18/2014 4:46:16 PM

Electrophoresis File Run Summary (Chip Summary)

| Sample Name | Sample Comment | Rest. Digest | Status | Observation | Result Label | Result Color |
|-------------|----------------|--------------------------|--------|-------------|--------------|--------------|
| VFLL032A | | <input type="checkbox"/> | ✓ | | | |
| VFLL032B | | <input type="checkbox"/> | ✓ | | | |
| VFLL032C | | <input type="checkbox"/> | ✓ | | | |
| VFLL032D | | <input type="checkbox"/> | ✓ | | | |
| VFLL032E | | <input type="checkbox"/> | ✓ | | | |
| VFLL032F | | <input type="checkbox"/> | ✓ | | | |
| VFLL033A | | <input type="checkbox"/> | ✓ | | | |
| VFLL033B | | <input type="checkbox"/> | ✓ | | | |
| VFLL033C | | <input type="checkbox"/> | ✓ | | | |
| VFLL033D | | <input type="checkbox"/> | ✓ | | | |
| VFLL033E | | <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\2014-12-18\2014-12-18_005.xad

Created: 12/18/2014 4:05:52 PM
Modified: 12/18/2014 4:46:16 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

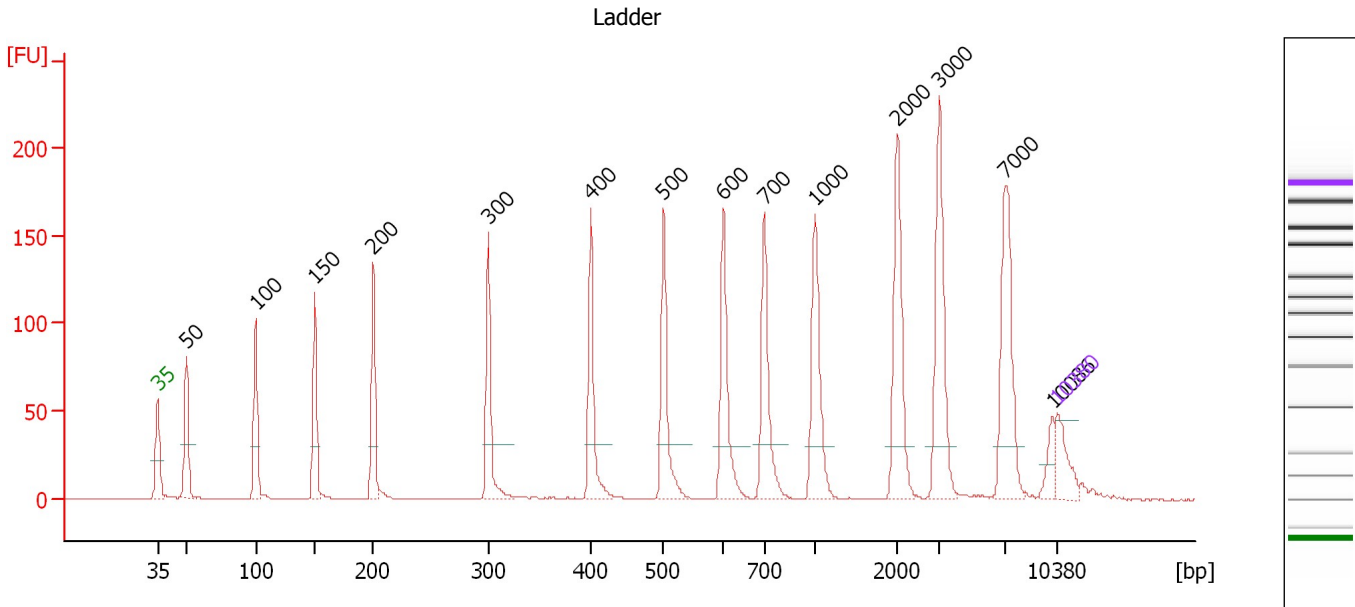
Ladder

| 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\2014-12-18\2014-12-18_005.xad

Created: 12/18/2014 4:05:52 PM
 Modified: 12/18/2014 4:46:16 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.1

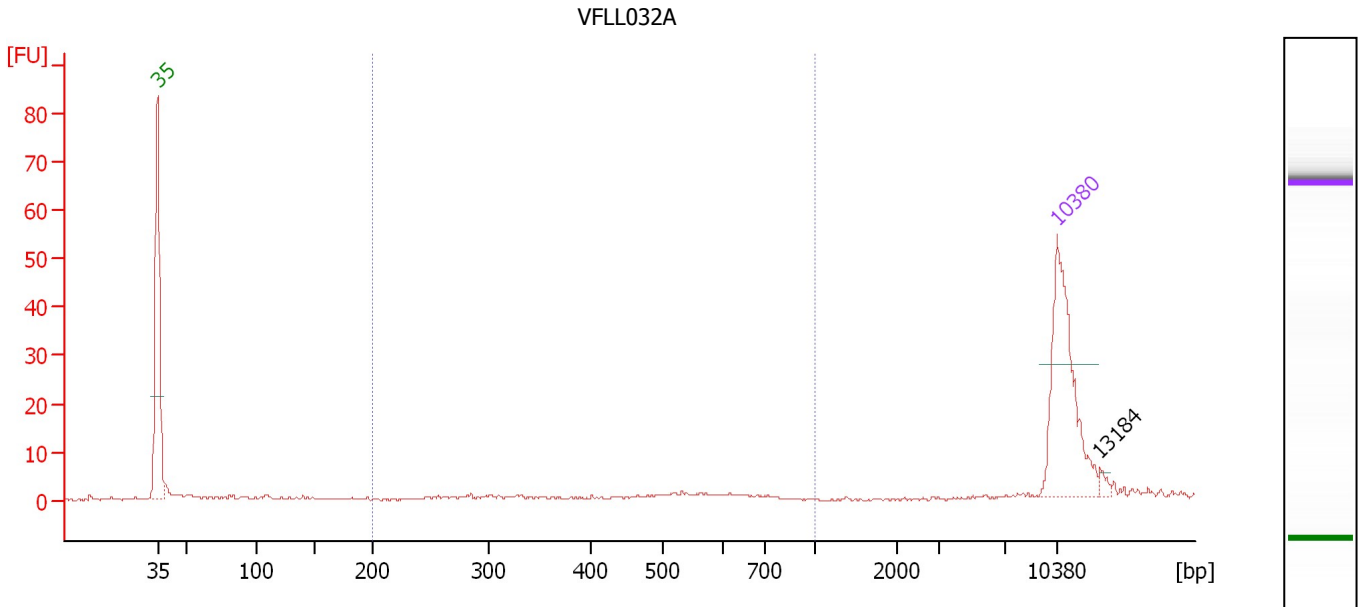
Peak table for Ladder

| 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 | 45.24 |
| 3 | 100 | 150.00 | 2,272.7 | Ladder Peak | 50.63 |
| 4 | 150 | 150.00 | 1,515.2 | Ladder Peak | 55.24 |
| 5 | 200 | 150.00 | 1,136.4 | Ladder Peak | 59.80 |
| 6 | 300 | 150.00 | 757.6 | Ladder Peak | 68.75 |
| 7 | 400 | 150.00 | 568.2 | Ladder Peak | 76.73 |
| 8 | 500 | 150.00 | 454.5 | Ladder Peak | 82.39 |
| 9 | 600 | 150.00 | 378.8 | Ladder Peak | 87.04 |
| 10 | 700 | 150.00 | 324.7 | Ladder Peak | 90.24 |
| 11 | 1,000 | 150.00 | 227.3 | Ladder Peak | 94.14 |
| 12 | 2,000 | 150.00 | 113.6 | Ladder Peak | 100.54 |
| 13 | 3,000 | 150.00 | 75.8 | Ladder Peak | 103.83 |
| 14 | 7,000 | 150.00 | 32.5 | Ladder Peak | 108.96 |
| 15 | 10,086 | 0.00 | 0.0 | | 112.65 |
| 16 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-12-18\2014-12-18_005.xad

Created: 12/18/2014 4:05:52 PM
 Modified: 12/18/2014 4:46:16 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : VFL032A

Number of peaks found: 1 Corr. Area 1: 17.2
 Noise: 0.2

Peak table for sample 1 : VFL032A

| 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 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |
| 3 | 13,184 | 0.00 | 0.0 | | 116.35 |

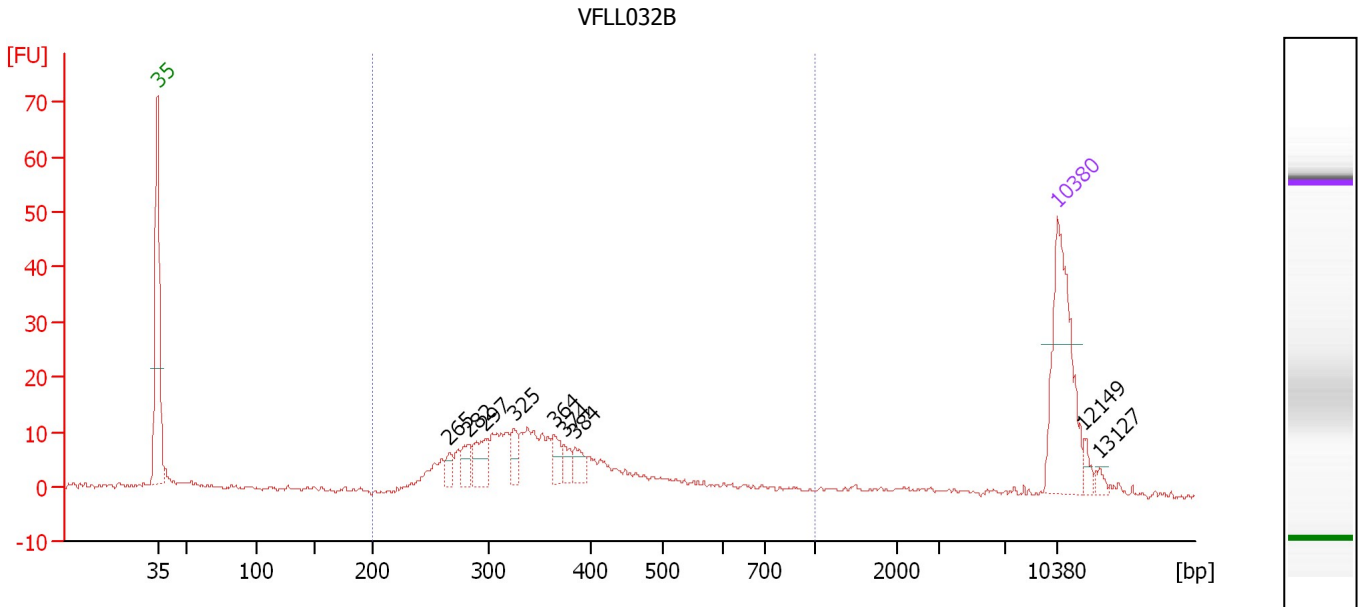
Region table for sample 1 : VFL032A

| From [bp] | Average Size [bp] | To [bp] | Corr. Area | % of Total | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|-------------------|---------|------------|------------|-----------------------------|---------------|-------------------|-------|
| 200 | 464 | 1,000 | 17.2 | 33 | 29.4 | 20.46 | 78.2 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-12-18\2014-12-18_005.xad

Created: 12/18/2014 4:05:52 PM
 Modified: 12/18/2014 4:46:16 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : VFL032B

Number of peaks found: 9 Corr. Area 1: 230.7
 Noise: 0.4

Peak table for sample 2 : VFL032B

| 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 | 265 | 9.34 | 53.4 | | 65.64 |
| 3 | 282 | 14.02 | 75.2 | | 67.17 |
| 4 | 297 | 23.66 | 120.5 | | 68.52 |
| 5 | 325 | 13.71 | 64.0 | | 70.72 |
| 6 | 364 | 14.06 | 58.5 | | 73.87 |
| 7 | 374 | 8.71 | 35.2 | | 74.68 |
| 8 | 384 | 11.67 | 46.0 | | 75.48 |
| 9 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |
| 10 | 12,149 | 0.00 | 0.0 | | 115.11 |
| 11 | 13,127 | 0.00 | 0.0 | | 116.28 |

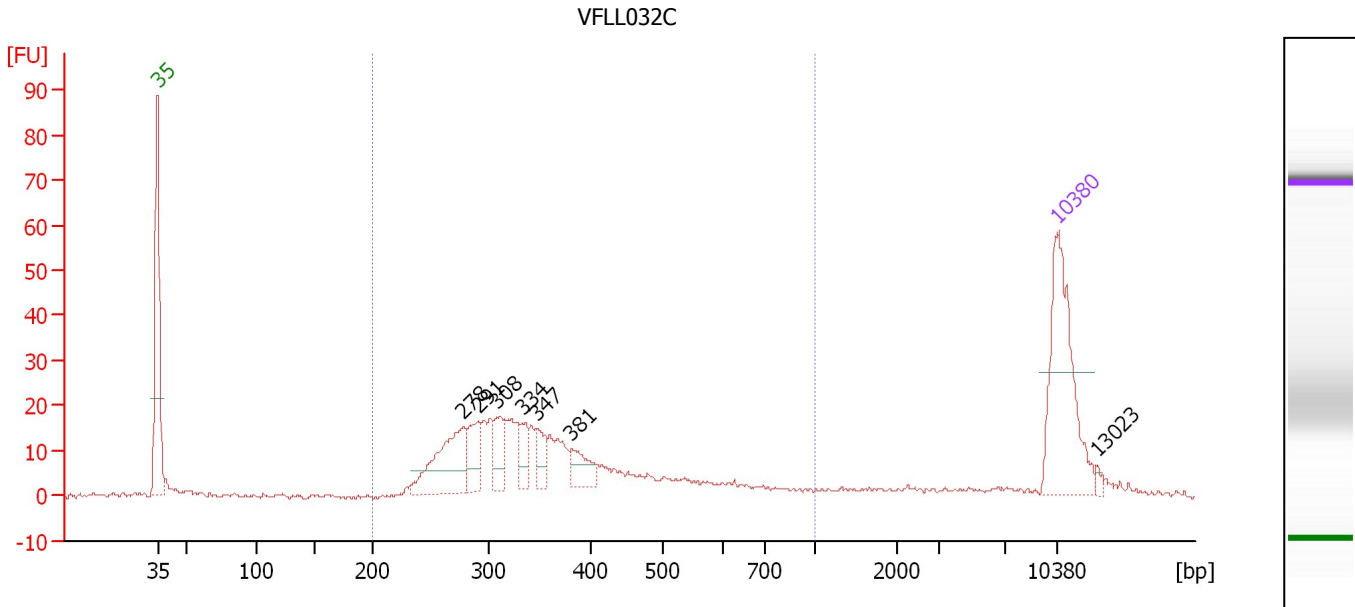
Region table for sample 2 : VFL032B

| From [bp] | Average Size [bp] | To [bp] | Corr. Area | % of Total | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|-------------------|---------|------------|------------|-----------------------------|---------------|-------------------|-------|
| 200 | 380 | 1,000 | 230.7 | 75 | 32.5 | 338.06 | 1,494.1 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-12-18\2014-12-18_005.xad

Created: 12/18/2014 4:05:52 PM
 Modified: 12/18/2014 4:46:16 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : VFL032C

Number of peaks found: 7 Corr. Area 1: 365.6
 Noise: 0.4

Peak table for sample 3 : VFL032C

| 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 | 71.18 | 388.0 | | 66.78 |
| 3 | 291 | 28.01 | 146.0 | | 67.92 |
| 4 | 308 | 23.90 | 117.6 | | 69.38 |
| 5 | 334 | 18.06 | 82.0 | | 71.44 |
| 6 | 347 | 16.82 | 73.5 | | 72.49 |
| 7 | 381 | 19.98 | 79.4 | | 75.23 |
| 8 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |
| 9 | 13,023 | 0.00 | 0.0 | | 116.15 |

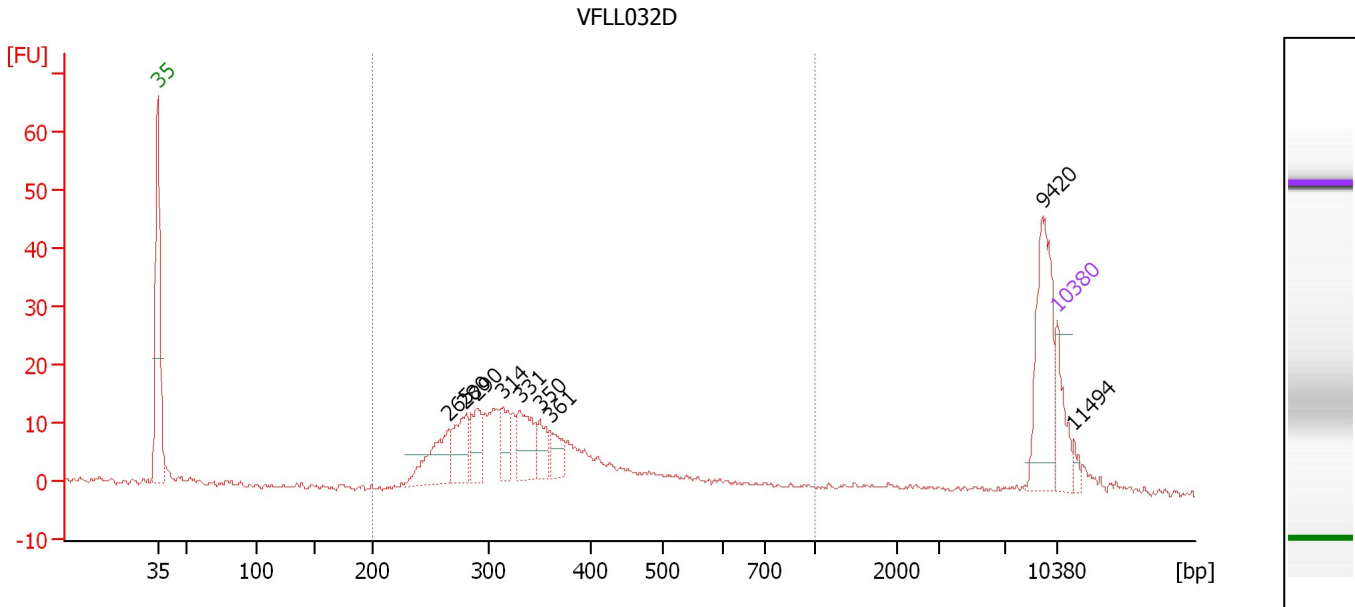
Region table for sample 3 : VFL032C

| From [bp] | Average Size [bp] | To [bp] | Corr. Area | % of Total | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|-------------------|---------|------------|------------|-----------------------------|---------------|-------------------|-------|
| 200 | 377 | 1,000 | 365.6 | 81 | 34.1 | 395.80 | 1,784.2 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-12-18\2014-12-18_005.xad

Created: 12/18/2014 4:05:52 PM
 Modified: 12/18/2014 4:46:16 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : VFL032D

Number of peaks found: 9 Corr. Area 1: 247.9
 Noise: 0.4

Peak table for sample 4 : VFL032D

| 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 | 265 | 178.17 | 1,017.3 | | 65.65 |
| 3 | 280 | 134.04 | 724.8 | | 66.98 |
| 4 | 290 | 109.04 | 569.8 | | 67.85 |
| 5 | 314 | 85.15 | 410.9 | | 69.86 |
| 6 | 331 | 133.76 | 612.9 | | 71.19 |
| 7 | 350 | 61.62 | 266.6 | | 72.75 |
| 8 | 361 | 62.44 | 262.4 | | 73.58 |
| 9 | 9,420 | 229.48 | 36.9 | | 111.85 |
| 10 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |
| 11 | 11,494 | 0.00 | 0.0 | | 114.33 |

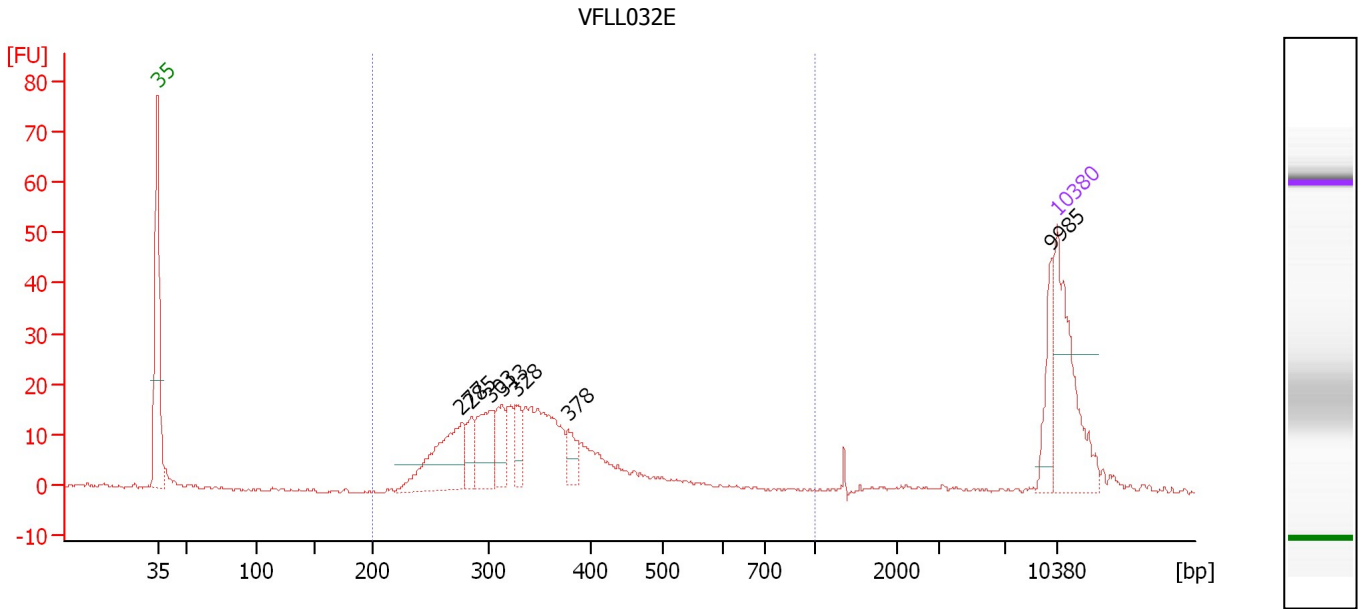
Region table for sample 4 : VFL032D

| From [bp] | Average Size [bp] | To [bp] | Corr. Area | % of Total | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|-------------------|---------|------------|------------|-----------------------------|---------------|-------------------|-------|
| 200 | 359 | 1,000 | 247.9 | 71 | 30.6 | 1,357.54 | 6,256.2 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-12-18\2014-12-18_005.xad

Created: 12/18/2014 4:05:52 PM
 Modified: 12/18/2014 4:46:16 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : VFL032E

Number of peaks found: 7 Corr. Area 1: 297.7
 Noise: 0.3

Peak table for sample 5 : VFL032E

| 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 | 277 | 89.29 | 488.9 | | 66.66 |
| 3 | 285 | 24.34 | 129.3 | | 67.42 |
| 4 | 303 | 50.58 | 253.1 | | 68.97 |
| 5 | 313 | 29.56 | 142.9 | | 69.82 |
| 6 | 328 | 22.43 | 103.7 | | 70.95 |
| 7 | 378 | 17.23 | 69.1 | | 74.96 |
| 8 | 9,985 | 27.45 | 4.2 | | 112.53 |
| 9 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |

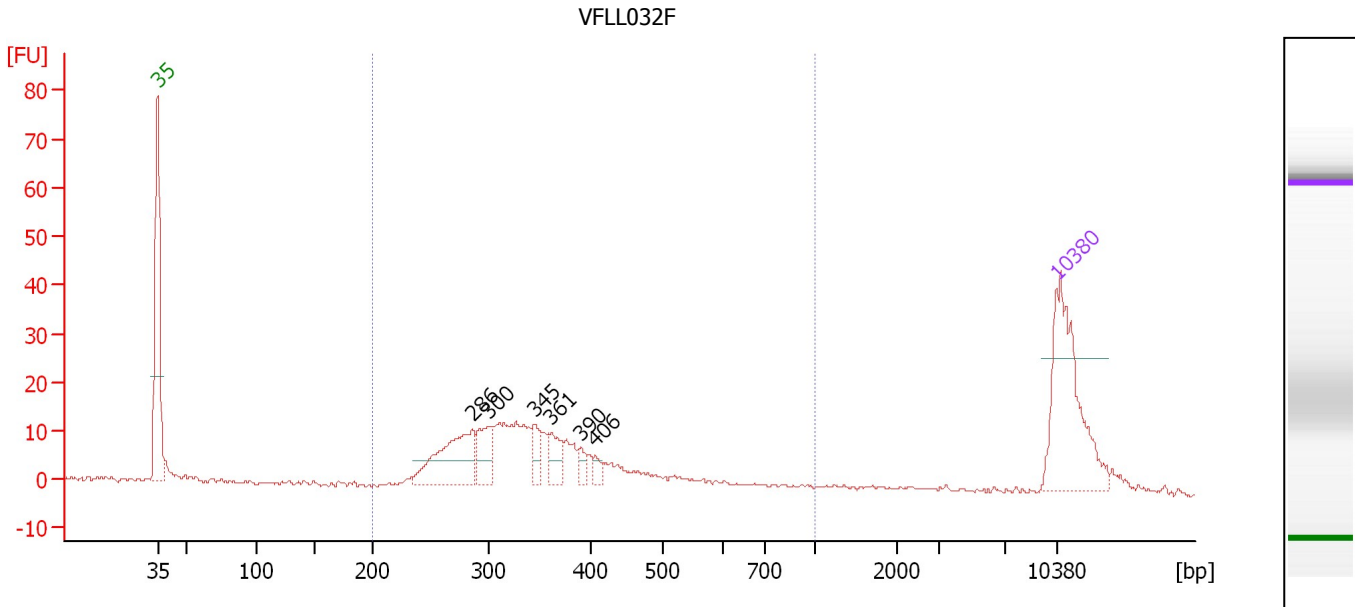
Region table for sample 5 : VFL032E

| From [bp] | Average Size [bp] | To [bp] | Corr. Area | % of Total | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|-------------------|---------|------------|------------|-----------------------------|---------------|-------------------|-------|
| 200 | 349 | 1,000 | 297.7 | 83 | 24.7 | 430.24 | 1,988.2 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-12-18\2014-12-18_005.xad

Created: 12/18/2014 4:05:52 PM
 Modified: 12/18/2014 4:46:16 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : VFL032F

Number of peaks found: 6 Corr. Area 1: 251.2
 Noise: 0.3

Peak table for sample 6 : VFL032F

| 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 | 286 | 70.81 | 374.8 | | 67.51 |
| 3 | 300 | 28.07 | 141.7 | | 68.75 |
| 4 | 345 | 14.80 | 65.0 | | 72.34 |
| 5 | 361 | 18.17 | 76.2 | | 73.63 |
| 6 | 390 | 7.38 | 28.7 | | 75.92 |
| 7 | 406 | 5.73 | 21.4 | | 77.07 |
| 8 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |

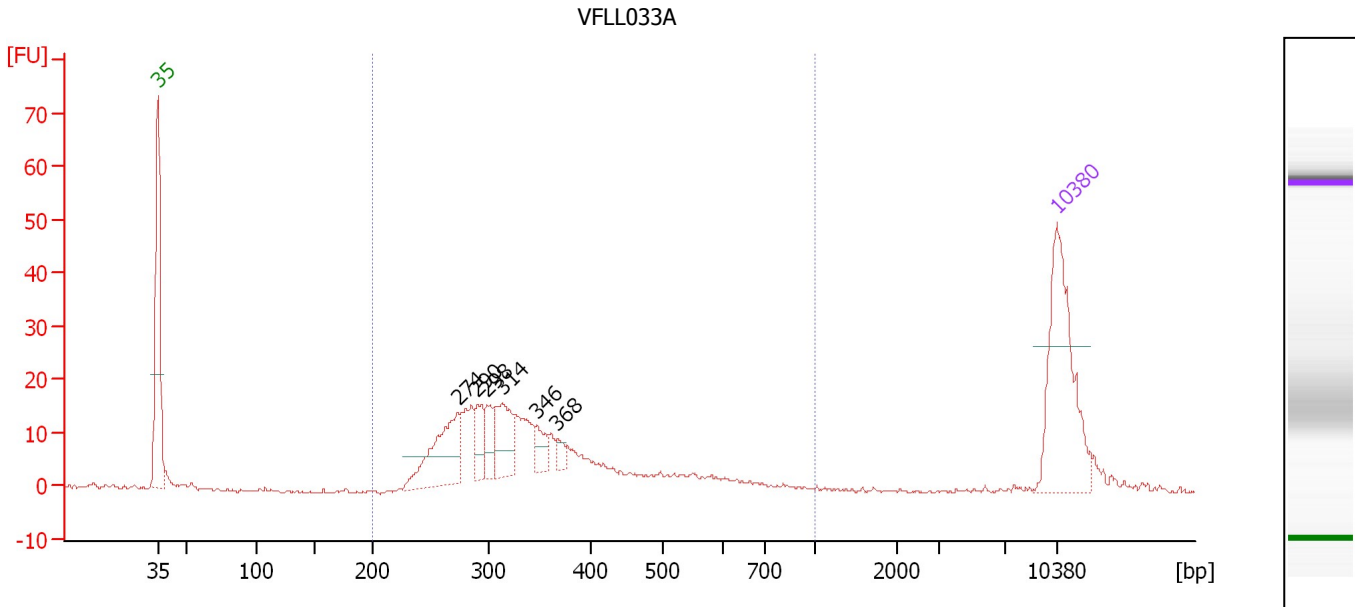
Region table for sample 6 : VFL032F

| From [bp] | Average Size [bp] | To [bp] | Corr. Area | % of Total | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|-------------------|---------|------------|------------|-----------------------------|---------------|-------------------|-------|
| 200 | 367 | 1,000 | 251.2 | 85 | 31.2 | 312.65 | 1,414.7 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-12-18\2014-12-18_005.xad

Created: 12/18/2014 4:05:52 PM
 Modified: 12/18/2014 4:46:16 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : VFL033A

Number of peaks found: 6 Corr. Area 1: 291.3
 Noise: 0.4

Peak table for sample 7 : VFL033A

| 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 | 274 | 67.12 | 371.7 | | 66.38 |
| 3 | 290 | 19.73 | 103.0 | | 67.88 |
| 4 | 298 | 17.77 | 90.2 | | 68.60 |
| 5 | 314 | 37.05 | 178.8 | | 69.85 |
| 6 | 346 | 13.43 | 58.7 | | 72.46 |
| 7 | 368 | 6.03 | 24.8 | | 74.14 |
| 8 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |

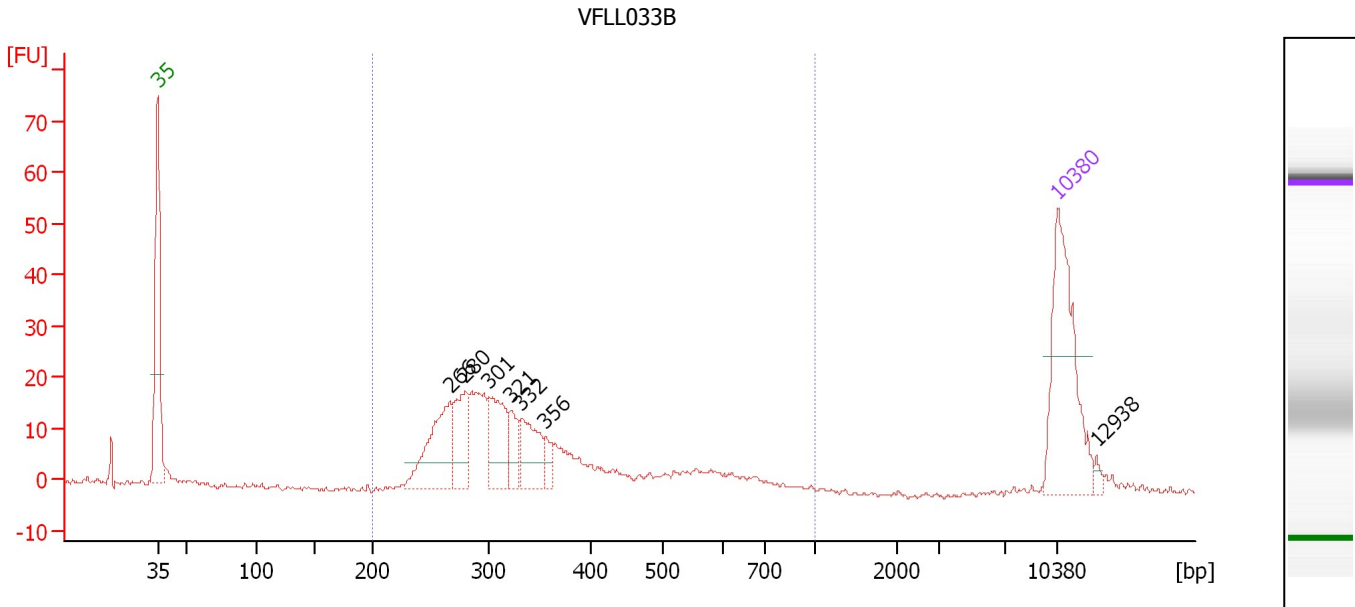
Region table for sample 7 : VFL033A

| From [bp] | Average Size [bp] | To [bp] | Corr. Area | % of Total | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|-------------------|---------|------------|------------|-----------------------------|---------------|-------------------|-------|
| 200 | 362 | 1,000 | 291.3 | 89 | 32.2 | 357.31 | 1,650.7 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-12-18\2014-12-18_005.xad

Created: 12/18/2014 4:05:52 PM
 Modified: 12/18/2014 4:46:16 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : VFL033B

Number of peaks found: 7 Corr. Area 1: 316.0
 Noise: 0.6

Peak table for sample 8 : VFL033B

| 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 | 67.30 | 382.8 | | 65.74 |
| 3 | 280 | 40.46 | 219.0 | | 66.95 |
| 4 | 301 | 45.63 | 229.6 | | 68.84 |
| 5 | 321 | 17.52 | 82.6 | | 70.44 |
| 6 | 332 | 35.55 | 162.2 | | 71.31 |
| 7 | 356 | 9.79 | 41.7 | | 73.20 |
| 8 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |
| 9 | 12,938 | 0.00 | 0.0 | | 116.05 |

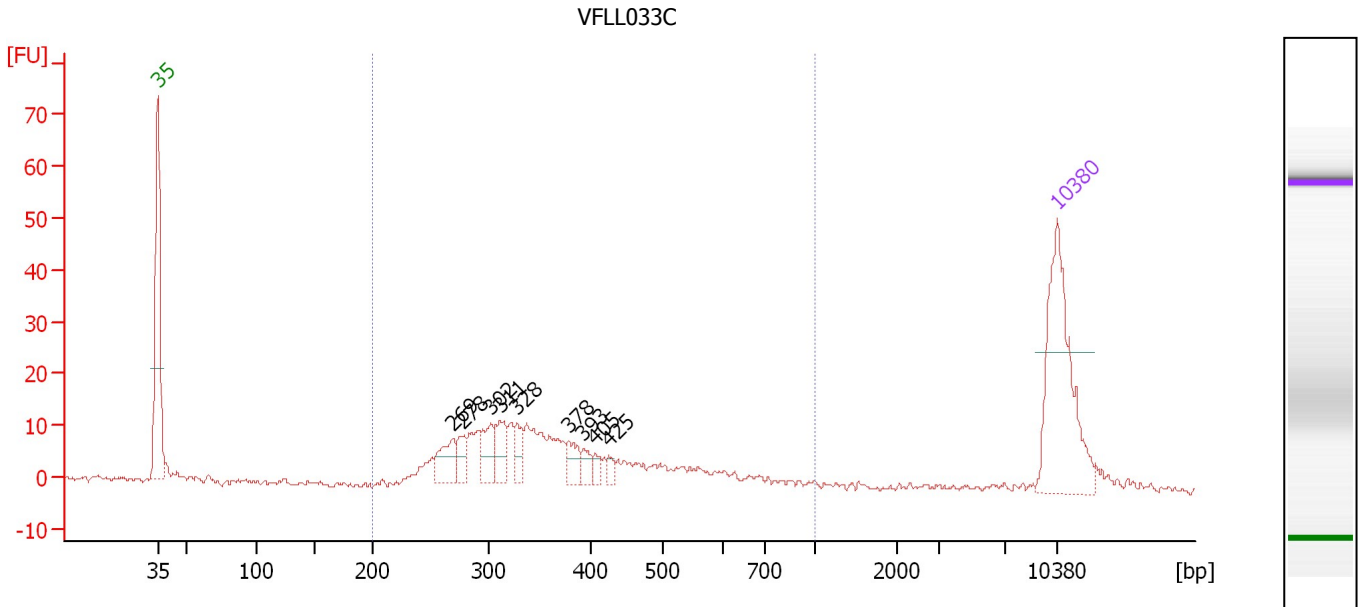
Region table for sample 8 : VFL033B

| From [bp] | Average Size [bp] | To [bp] | Corr. Area | % of Total | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|-------------------|---------|------------|------------|-----------------------------|---------------|-------------------|-------|
| 200 | 362 | 1,000 | 316.0 | 88 | 34.5 | 360.63 | 1,688.9 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-12-18\2014-12-18_005.xad

Created: 12/18/2014 4:05:52 PM
 Modified: 12/18/2014 4:46:16 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : VFL033C

Number of peaks found: 9 Corr. Area 1: 242.7
 Noise: 0.6

Peak table for sample 9 : VFL033C

| 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 | 269 | 22.69 | 127.8 | | 65.98 |
| 3 | 278 | 12.99 | 70.7 | | 66.80 |
| 4 | 302 | 20.31 | 101.8 | | 68.92 |
| 5 | 311 | 18.71 | 91.1 | | 69.65 |
| 6 | 328 | 12.74 | 58.9 | | 70.95 |
| 7 | 378 | 13.08 | 52.4 | | 74.96 |
| 8 | 393 | 7.60 | 29.3 | | 76.17 |
| 9 | 405 | 5.70 | 21.3 | | 77.03 |
| 10 | 425 | 4.86 | 17.3 | | 78.14 |
| 11 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |

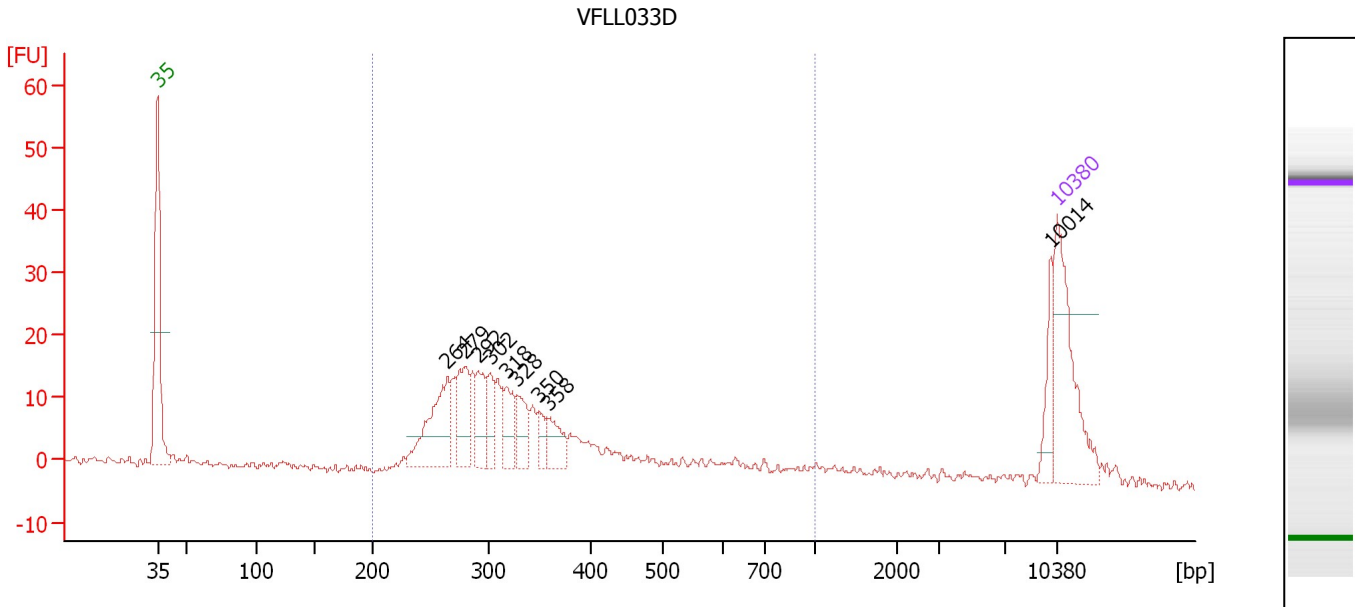
Region table for sample 9 : VFL033C

| From [bp] | Average Size [bp] | To [bp] | Corr. Area | % of Total | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|-------------------|---------|------------|------------|-----------------------------|---------------|-------------------|-------|
| 200 | 386 | 1,000 | 242.7 | 87 | 32.8 | 280.21 | 1,232.0 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-12-18\2014-12-18_005.xad

Created: 12/18/2014 4:05:52 PM
 Modified: 12/18/2014 4:46:16 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : VFL033D

Number of peaks found: 9 Corr. Area 1: 289.7
 Noise: 0.7

Peak table for sample 10 : VFL033D

| 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 | 264 | 82.15 | 470.9 | | 65.56 |
| 3 | 279 | 48.83 | 265.2 | | 66.87 |
| 4 | 292 | 37.59 | 195.4 | | 67.99 |
| 5 | 302 | 25.79 | 129.4 | | 68.91 |
| 6 | 318 | 30.36 | 144.7 | | 70.17 |
| 7 | 328 | 27.07 | 125.0 | | 71.00 |
| 8 | 350 | 14.38 | 62.3 | | 72.70 |
| 9 | 358 | 25.11 | 106.2 | | 73.38 |
| 10 | 10,014 | 23.03 | 3.5 | | 112.56 |
| 11 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |

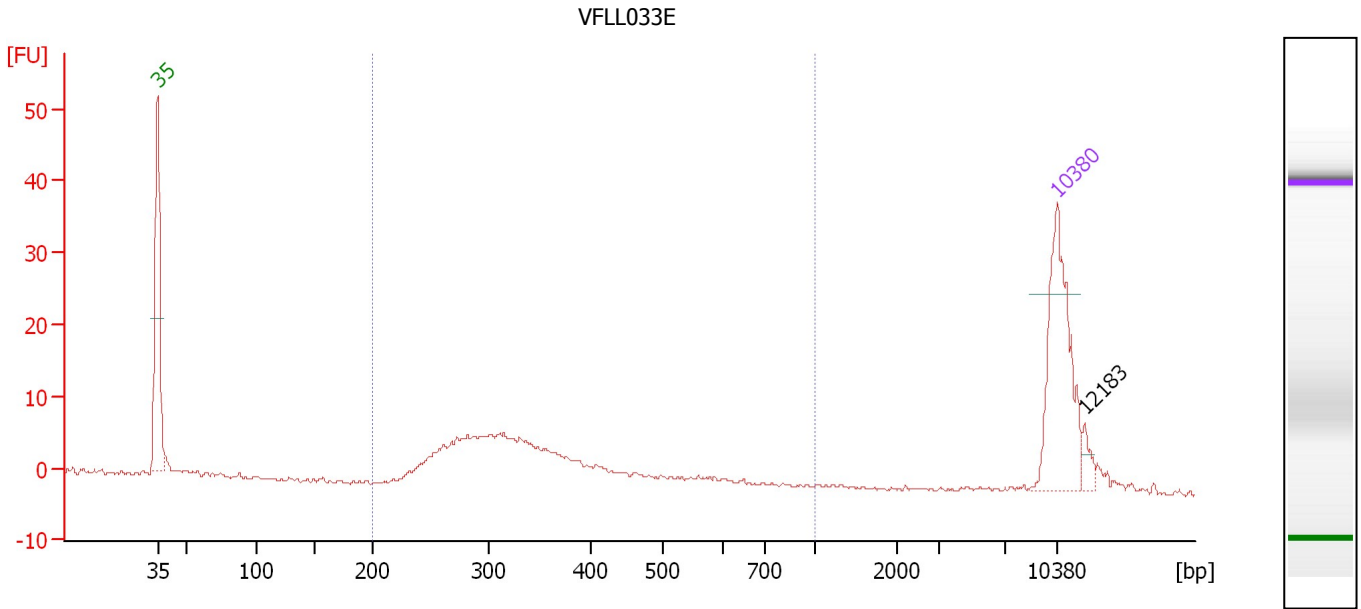
Region table for sample 10 : VFL033D

| From [bp] | Average Size [bp] | To [bp] | Corr. Area | % of Total | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|-------------------|---------|------------|------------|-----------------------------|---------------|-------------------|-------|
| 200 | 369 | 1,000 | 289.7 | 77 | 38.2 | 525.57 | 2,455.3 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-12-18\2014-12-18_005.xad

Created: 12/18/2014 4:05:52 PM
 Modified: 12/18/2014 4:46:16 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : VFL033E

Number of peaks found: 1 Corr. Area 1: 97.6
 Noise: 0.3

Peak table for sample 11 : VFL033E

| 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 | 10,380 | 75.00 | 10.9 | Upper Marker | 113.00 |
| 3 | 12,183 | 0.00 | 0.0 | | 115.15 |

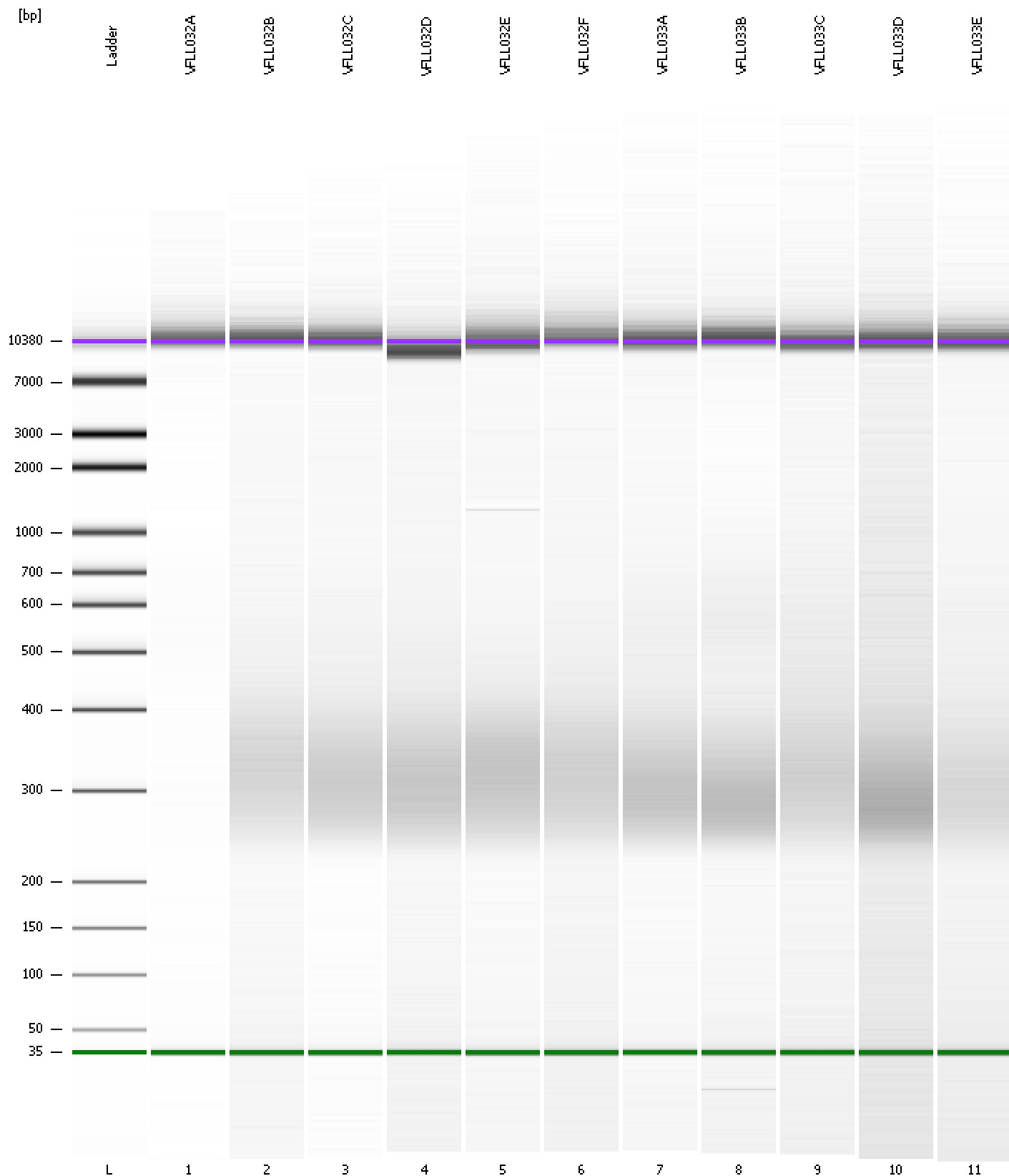
Region table for sample 11 : VFL033E

| From [bp] | Average Size [bp] | To [bp] | Corr. Area | % of Total | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|-------------------|---------|------------|------------|-----------------------------|---------------|-------------------|-------|
| 200 | 338 | 1,000 | 97.6 | 86 | 23.0 | 170.92 | 811.1 | Blue |

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-12-18\2014-12-18_005.xad

Created: 12/18/2014 4:05:52 PM
Modified: 12/18/2014 4:46:16 PM

Gel Image



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-12-18\2014-12-18_005.xad

Created: 12/18/2014 4:05:52 PM
 Modified: 12/18/2014 4:46:16 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 | | 12/18/2014 4:46:13 PM | (GMT --08:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Run started on port 1 (File: C:\Documents and Settings\Bioanalyzer\2014-12-18\2014-12-18_005.xad) | | Instrument | Run | | 12/18/2014 4:05:52 PM | (GMT --08:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Product Number : G2938B | | Instrument | Run | | 12/18/2014 4:05:52 PM | (GMT --08:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Name : | | Instrument | Run | | 12/18/2014 4:05:52 PM | (GMT --08:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Vendor : Agilent Technologies | | Instrument | Run | | 12/18/2014 4:05:52 PM | (GMT --08:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Serial# : DE13701086 | | Instrument | Run | | 12/18/2014 4:05:52 PM | (GMT --08:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Firmware : C.01.069 | | Instrument | Run | | 12/18/2014 4:05:52 PM | (GMT --08:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Cartridge : Electrode | | Instrument | Run | | 12/18/2014 4:05:52 PM | (GMT --08:00) Pacific Standard Time | UC Davis | D8XSMGH1 |