

Growth curve in LB medium. Absorbance was measured every 30 min for 6 h at 600 nm

| Time (min) | UPEC 46 | | | UPEC-46:: <i>afpA</i> :: <i>fimH</i> | | |
|------------|---------|-------|-------|--------------------------------------|-------|-------|
| | A | B | C | A | B | C |
| 0 | 0.042 | 0.036 | 0.03 | 0.032 | 0.025 | 0.035 |
| 30 | 0.091 | 0.054 | 0.047 | 0.05 | 0.041 | 0.06 |
| 60 | 0.214 | 0.15 | 0.115 | 0.128 | 0.105 | 0.124 |
| 90 | 0.465 | 0.411 | 0.304 | 0.369 | 0.298 | 0.378 |
| 120 | 0.625 | 0.74 | 0.526 | 0.612 | 0.523 | 0.576 |
| 150 | 0.962 | 0.995 | 0.866 | 0.934 | 0.852 | 0.892 |
| 180 | 1.088 | 1.081 | 1.044 | 1.079 | 1.047 | 1.067 |
| 210 | 1.181 | 1.166 | 1.119 | 1.172 | 1.158 | 1.143 |
| 240 | 1.235 | 1.226 | 1.208 | 1.222 | 1.223 | 1.219 |
| 270 | 1.324 | 1.314 | 1.306 | 1.305 | 1.315 | 1.299 |
| 300 | 1.371 | 1.358 | 1.361 | 1.368 | 1.352 | 1.375 |
| 330 | 1.43 | 1.425 | 1.42 | 1.449 | 1.423 | 1.45 |
| 360 | 1.485 | 1.49 | 1.495 | 1.474 | 1.478 | 1.476 |

Note: The assay was repeated three times

Growth curve in DMEM medium. Absorbance was measured every 30 min for 6 h at 600 nm

| Time (min) | UPEC 46 | | | UPEC-46:: <i>afpA</i> :: <i>fimH</i> | | |
|------------|---------|-------|-------|--------------------------------------|-------|-------|
| | A | B | C | A | B | C |
| 0 | 0.034 | 0.04 | 0.031 | 0.029 | 0.032 | 0.037 |
| 30 | 0.042 | 0.052 | 0.041 | 0.052 | 0.055 | 0.055 |
| 60 | 0.103 | 0.109 | 0.113 | 0.113 | 0.076 | 0.055 |
| 90 | 0.236 | 0.241 | 0.254 | 0.241 | 0.23 | 0.187 |
| 120 | 0.399 | 0.378 | 0.412 | 0.399 | 0.423 | 0.388 |
| 150 | 0.522 | 0.488 | 0.513 | 0.488 | 0.509 | 0.476 |
| 180 | 0.691 | 0.651 | 0.699 | 0.699 | 0.599 | 0.651 |
| 210 | 0.882 | 0.859 | 0.901 | 0.859 | 0.899 | 0.901 |
| 240 | 1.1 | 1.007 | 1.107 | 1.1 | 1.102 | 1.245 |
| 270 | 1.252 | 1.191 | 1.267 | 1.191 | 1.245 | 1.3 |
| 300 | 1.372 | 1.302 | 1.387 | 1.387 | 1.304 | 1.387 |
| 330 | 1.432 | 1.418 | 1.423 | 1.418 | 1.456 | 1.418 |
| 360 | 1.467 | 1.45 | 1.466 | 1.467 | 1.5 | 1.478 |

Note: The assay was repeated three times

Growth curve in RPMI medium. Absorbance was measured every 30 min for 6 h at 600 nm

| Time (min) | UPEC 46 | | | UPEC-46:: <i>afpA</i> :: <i>fimH</i> | | |
|------------|---------|-------|-------|--------------------------------------|-------|-------|
| | A | B | C | A | B | C |
| 0 | 0.032 | 0.035 | 0.034 | 0.041 | 0.034 | 0.028 |
| 30 | 0.053 | 0.06 | 0.057 | 0.066 | 0.064 | 0.052 |
| 60 | 0.128 | 0.131 | 0.134 | 0.146 | 0.151 | 0.124 |
| 90 | 0.36 | 0.378 | 0.312 | 0.366 | 0.414 | 0.32 |
| 120 | 0.532 | 0.578 | 0.56 | 0.575 | 0.613 | 0.538 |
| 150 | 0.8 | 0.892 | 0.851 | 0.902 | 0.906 | 0.869 |
| 180 | 0.973 | 1.067 | 1.072 | 1.086 | 1.093 | 1.063 |
| 210 | 1.073 | 1.143 | 1.183 | 1.192 | 1.16 | 1.176 |
| 240 | 1.162 | 1.234 | 1.31 | 1.271 | 1.242 | 1.209 |
| 270 | 1.243 | 1.312 | 1.357 | 1.352 | 1.306 | 1.301 |
| 300 | 1.282 | 1.354 | 1.403 | 1.4 | 1.36 | 1.359 |
| 330 | 1.351 | 1.423 | 1.442 | 1.459 | 1.402 | 1.423 |
| 360 | 1.389 | 1.479 | 1.467 | 1.497 | 1.481 | 1.451 |

Note: The assay was repeated three times