

Supplementary Movie 1: Single-cell death under carbenicillin exposure for P_{gadX} -*cfp*.

- (A) Cell death over time. Red dot indicates particular point in time.
- (B) Example microscopy movie of cells expressing P_{gadX} -*cfp* reporter (cyan) under carbenicillin exposure. Cell death is indicated by propidium iodide staining (red).
- (C) Heatmap of cell death over time as a function of fluorescence at $t = 0$. White bar indicates particular point in time.
- (D) Image showing fluorescence of individual cells at $t = 0$. As cells die they are eliminated from the image. Note that brighter cells tend to survive longer than dim cells.