Supplementary Figure S10: Non-growing cells are dormant persister cells

(A-F) Development of antibiotic resistance in dormant cells. After a glucose-to-fumarate (2 g L\(^{-1}\)) shift and subsequent exposure to different antibiotics the percentage of viable cells relative to all cells is plotted over time. The average of the total cell number after a glucose-to-fumarate shift from 2 to 18 hours is set as 100%. As during this period almost all cells were non-growing (cf. Supplementary Fig. S3A), the here indicated viability can be considered the survival percentage of the non-growing cells. Antibiotic survival was determined by 2 hours exposure to the indicated antibiotics (ampicillin 50 μg/mL, ofloxacin 5 μg/mL, kanamycin 25 μg/mL, mitomycin C 5 μg/mL, rifampicin 50 μg/mL) and subsequent dilution plating on cell counting plates, performed at least in triplicate.