



S12 Fig. Screen for β -lactams affecting cell elongation or division in *L. lactis*. (A) Micrographs of NZ3900 cells untreated (WT) or treated with $12 \mu\text{g ml}^{-1}$ of kanamycin (Kana, control), $64 \mu\text{g ml}^{-1}$ of cefoxitin (Cefo), $0.1 \mu\text{g ml}^{-1}$ of penicillin G (Pen G), $1 \mu\text{g ml}^{-1}$ of methicillin (Meth), $0.1 \mu\text{g ml}^{-1}$ of amoxicillin (Amo 0.1), $1 \mu\text{g ml}^{-1}$ of amoxicillin (Amo 1.0), and $10 \mu\text{g ml}^{-1}$ of cephalosporin C (Cepha). Cells were collected in early exponential growth and observed in bright field microscopy. Scale bar: $2 \mu\text{m}$. (B) Growth curves of NZ3900 cells untreated or treated with antibiotics as reported in panel A.