

Description of Additional Supplementary Files

File Name: Supplementary Movie 1

Description: This movie summarizes our simulations of leading hypotheses in the field about what drives Gram-negative bacterial cell division, including (1) simply reorganizing the cell wall synthesis machinery to the midcell, (2) the presence of a constrictive force, (3) a make-before-break mechanism of cell wall remodeling, and (4) the make-before-break mechanism in the presence of a constrictive force.

File Name: Supplementary Software 1

Description: The software package is contained in the file demo.zip which includes readme.txt, Remodeler2.f90, Mods.f90, Vars.f90, config0000.dat, coor0000.dat, restart.dat, paras.info