

Supplementary Videos of “Bridging the Gap Between Collective Motility and Epithelial-Mesenchymal Transitions through the Active Finite Voronoi Model”

The videos have a frame rate of 15 frames/second, and last for 40 seconds. Each frame corresponds to an elapse of 1 unit time in the simulation.

We have attached 6 sample videos for the 6 phases, with other parameters fixed as indicated in the main text, and:

- glassy_epithelial.mp4: The sample glassy epithelial video corresponds to $P_0=4.4$ and $v_0=0.2$.
- glassy_mesenchymal.mp4: The sample glassy mesenchymal video corresponds to $P_0=6.4$ and $v_0=0.1$.
- unjammed_epithelial.mp4: The sample unjammed epithelial video corresponds to $P_0=4.8$ and $v_0=1.0$.
- unjammed_mesenchymal.mp4: The sample unjammed mesenchymal video corresponds to $P_0=7.2$ and $v_0=0.7$.
- dispersed_epithelial.mp4: The sample dispersed epithelial video corresponds to $P_0=4.8$ and $v_0=1.7$.
- dispersed_mesenchymal.mp4: The sample dispersed mesenchymal video corresponds to $P_0=8.2$ and $v_0=0.8$.