

Captions of movies

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1 Captions

Movie 1: Swimming of model bacteria with pusher, pusher-pusher, and puller-pusher flagella in an unbounded viscous fluid.

Movie 2: Comparing the swimming trajectories of the model bacterium with twirling and overwhirling pusher flagellum.

Movie 3: Swimming trajectories of the model bacterium with puller-pusher flagella with different stiffnesses of the flagella (k_f).

Movie 4: Swimming trajectories of the model bacterium with puller-pusher flagella with different orientations of the flagella (β).

Movie 5: Swimming trajectories of the model bacterium with puller-pusher flagella with different arrangements of the flagella on the cell body (α).

Movie 6: Swimming trajectories of the model bacterium with puller-pusher flagella with different ratios of the motors torque ($R_T = |T_1|/|T_2|$).