Video1:

Reciprocal motion of the elastic clamshell with relatively rigid filaments.

Video2:

Velocity-optimal elastic clamshell with zero intrinsic curvature.

Video3:

Enhanced swimming performance of the elastic clamshell with a negative intrinsic curvature.

Video4:

Reciprocal motion of the segmental model with zero response torque.

Video5:

Segmental model with a linear response torque.

Video6:

Enhanced swimming performance of the segmental model with a biased response torque.