Figure S6: **Force-velocity relation of *M. xanthus* gliding motors at various nigericin concentrations.** (A-C) Force velocity curves for three different nigericin concentrations: 0 μM (A, blue circles), 10 μM (B, black diamonds), 20 μM (C, red squares). Velocity decreases exponentially with force but never becomes negative consistent with an elastic coupling and inconsistent with a viscous coupling between the bead and motor. The dashed lines are exponential fits to the data. Error bars represent the standard error of the mean across trials (> 6 trials per data point).