



**Figure S3** *vav-1* mutants respond normally to acute heat exposure. (A) Animals were individually transferred to fresh room temperature agar plates, or pre-warmed 37°C agar plates, and body bends were counted for one minute following transfer. Both WT and *vav-1* mutants move faster in response to heat. Data are represented as mean +/- SEM and were analyzed by unpaired two-tailed T-test (\* p<0.02, \*\* p<0.003). (B-D) *vav-1* mutants heat stressed at 33°C for 30 minutes show robust heat shock reporter activity. (B) Representative images of wild type and *vav-1* mutant animals 2 hours after heat stress. *gpls1* and *dvls70* are two independently hsp-16.2::GFP chromosomally integrated transgenes. (C) Quantification of *gpls1* heat shock reporter expression. n = 23 (WT) and 26 (*vav-1*). (D) Quantification of *dvls70* heat shock reporter expression. n = 28 (WT) and 34 (*vav-1*). Data presented as mean +/- SEM.