



Figure S6. Transgenic line experiments do not implicate *glb-5* as the causal gene underlying the *mate-1* QTL

Mating frequency of two transgenic strains, ZC1902 and ZC1903 [and their nontransgenic siblings, depicted by a 'minus' sign], carrying ectopic expression of *glb-5(HW)* in an N2 background. These transgenic constructs conferred *glb-5*-dependent phenotypes in a previous study (McGrath *et al.* 2009), but had no effect on mating frequency here. Bar graphs depict mean \pm SEM of multiple trials. * $p < 0.05$ and ** $p < 0.01$ by permutation test stratified by trial; n.s., not significant.