



Figure S1 Phenotype of *vib-1* phosphorylation site mutants. (A) wild type (FGSC 2489), (B) $\Delta vib-1$ (FGSC 11309), (C) transformant with *vib-1*^{S60A}-*gfp* mutant allele (strain 1XA) and (D) transformant with *vib-1*^{S60D}-*gfp* mutant allele (strain 1XD). Strains expressing VIB-1^{S60A}-GFP (E) and VIB-1^{S60D}-GFP (F) exhibit normal nuclear localization (shown in panels at right). Brightfield images of hyphae are shown in corresponding panels to the left.