Unlocking the secrets of disease-causing fungus Aspergillus fumigatus

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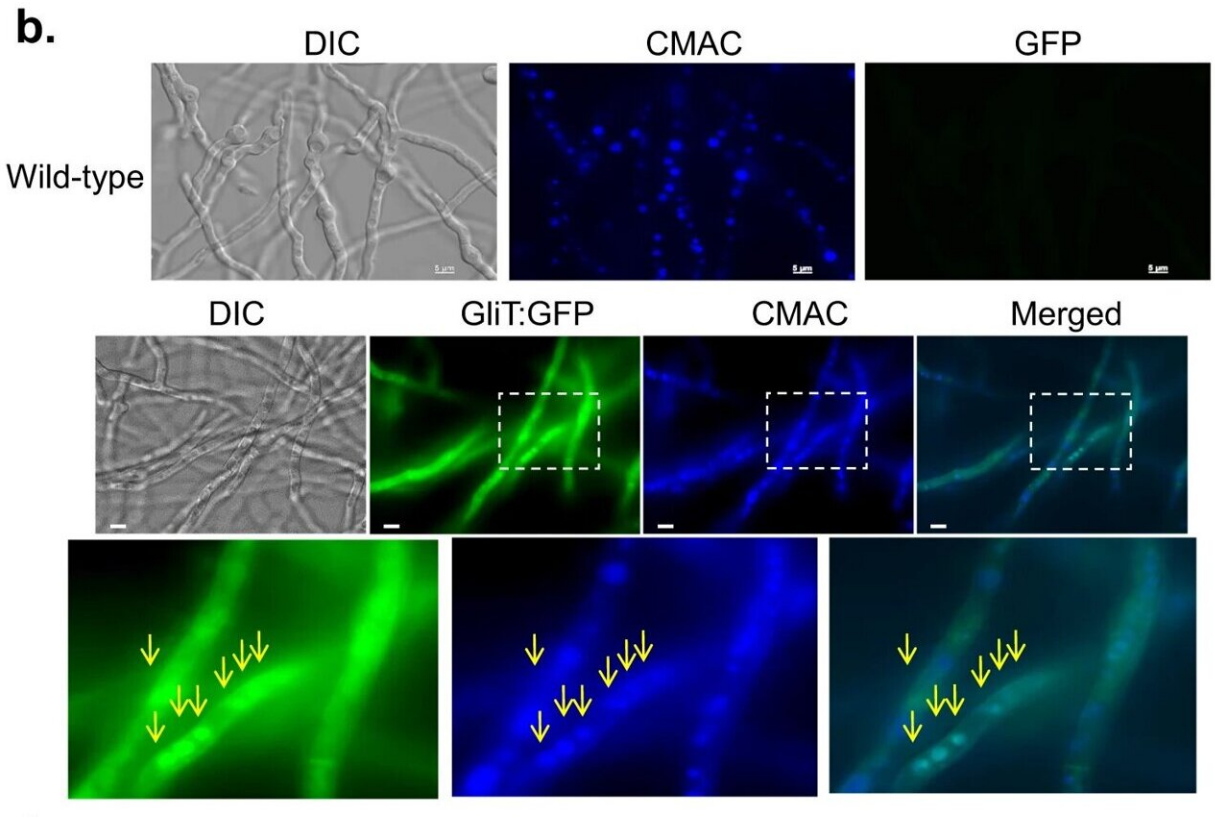

GliT:GFP and GtmA:GFP have enriched vacuolar localization during GT production. GliT:GFP and GtmA:GFP germlings were grown in liquid Czapek-dox medium for 24 h at 37 °C. Representative brightfield, differential interference contrast (DIC), and Cell tracker Blue CMAC (CellTracker Blue CMAC Dye (7-amino-4-chloromethylcoumarin) for vacuolar staining. **a** The number of GliT:GFP and GtmA:GFP germlings that co-localized with CMAC that was used for vacuolar staining were determined. We have counted three independent experiments with 45 germlings for each strain per experiment (*N* =

135 germlings) and the results were expressed as the mean values (%) of 3 independent experiments of GFP that co-localizes with CMAC. Yellow arrows indicate the localization of GliT:GFP and GtmA:GFP in magnified images of sub-cellular structures. The *p*-values were calculated using One-way ANOVA with Tukey's multiple comparisons test, ****p