

Dataset 1A is the differentially expressed gene of OE-*TgcysK* and $\Delta TgcysK$ relative to WT; **Dataset 1B** is the differentially expressed gene of OE-*Tghmt* and $\Delta Tghmt$ relative to WT.

Dataset 2A is the Pull-down protein identified in the control (CON) group, while **Dataset 2B** is the Pull-down protein identified in the experiment (EXP) group.

Dataset 3 is the mass spectrometry identification result of intracellular substances of hyphae grown under T1 and T2 treatment conditions.