



Supplementary Figure S4 Relative expression level of four glutamate metabolism genes in $\Delta Pogpd1$ cultured on CM media under a light-dark cycle. *β -TUBULIN* and *H3* were selected as reference genes. *GDH1*, encoding a glutamate dehydrogenase; *MGD1*, encoding a glutamate dehydrogenase; *PoGLT1*, encoding a glutamate synthase. Error bars represent SD. No significant differences were found between the wild type and $\Delta Pogpd1$ as estimated by Tukey's HSD test ($P < 0.05$).