

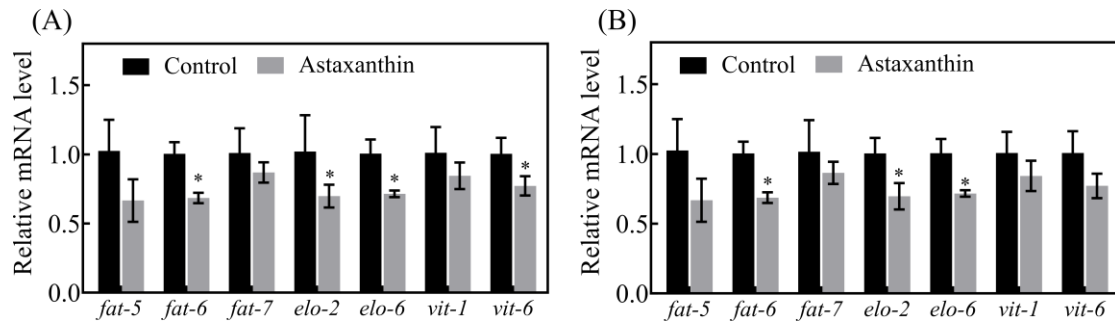


Figure S1. Effects of astaxanthin on the expression of genes related to lipid metabolism. Worms were treated with or without astaxanthin for 6 days. The mRNA levels of genes were determined by qRT-PCR and the expression of *tba-1* (A) and *cdc-42* (B) were used as the internal control. Data were expressed as mean $\pm$ SE, $n=3$. *Significantly different from the untreated worms ($p < 0.05$).