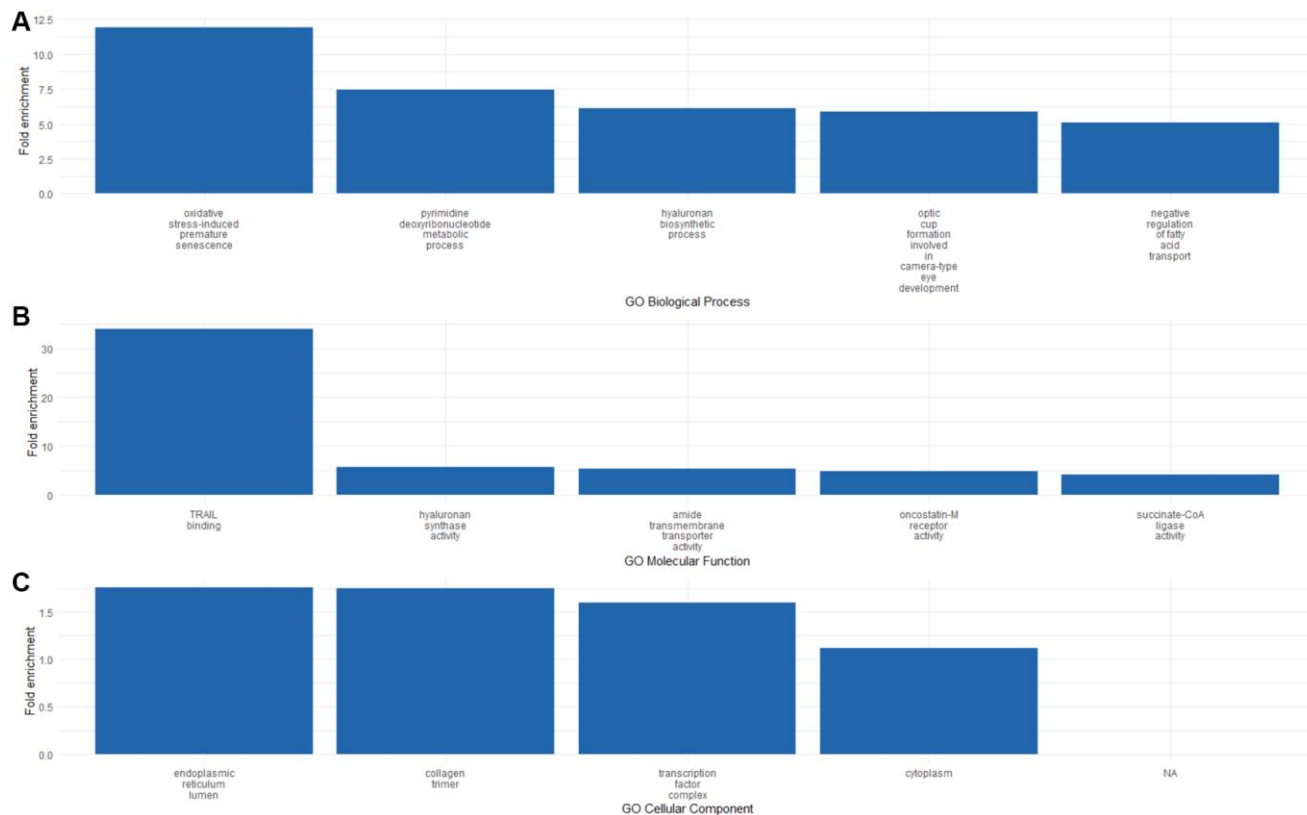
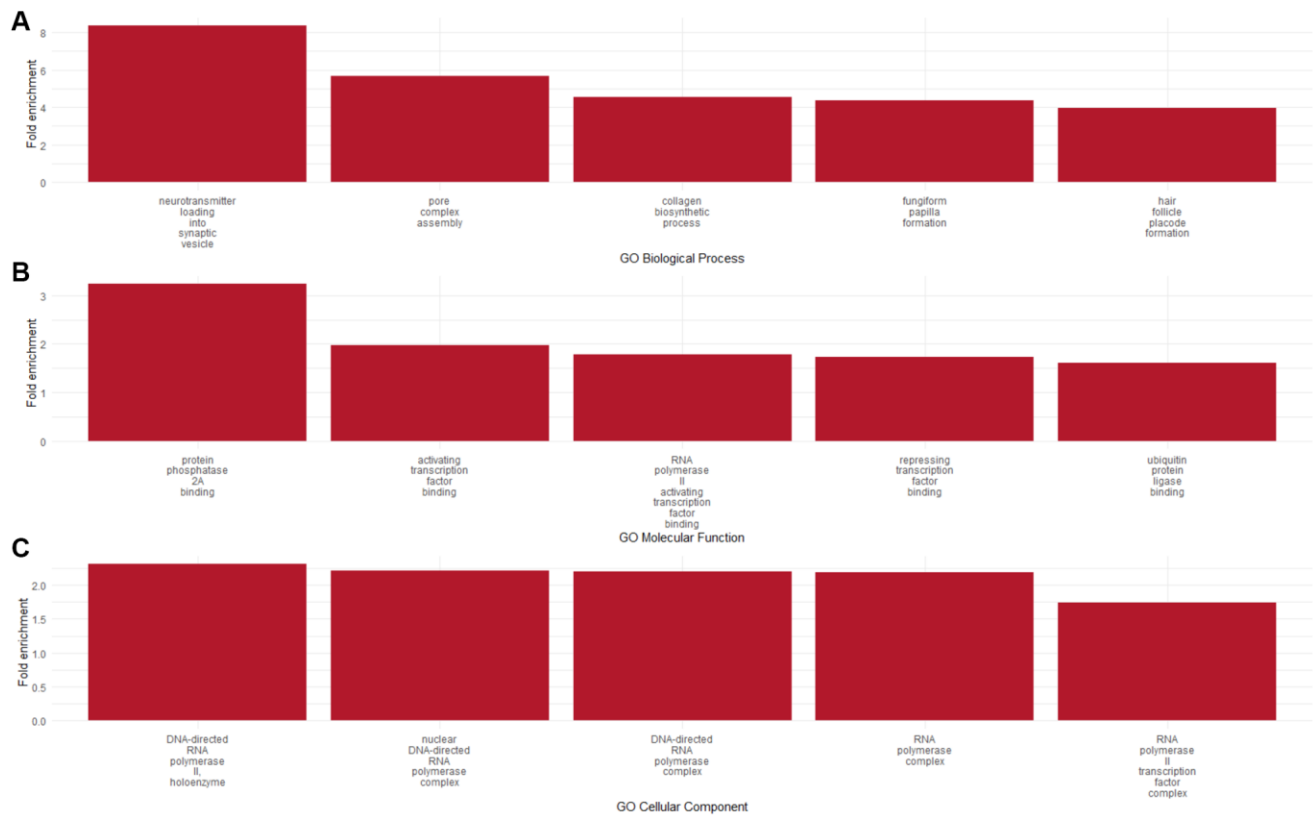


## SUPPLEMENTARY FIGURES



**Supplementary Figure 1. Gene Ontology (GO) terms enriched for the hypermethylated CpG sites after supplementation.** The Top 5 most enriched GO terms for Biological Processes (A), Molecular Function (B), and Cellular Component (C) were included. A nominal  $p$ -value  $<0.001$  was used to assign significance.



**Supplementary Figure 2. Gene Ontology (GO) terms enriched for the hypomethylated CpG sites after supplementation.** The Top 5 most enriched GO terms for Biological Processes (A), Molecular Function (B), and Cellular Components (C) were included. A nominal  $p$ -value  $<0.001$  was used to assign significance.