

Supplementary Material to “Differential expression of antioxidant system genes in honey bee (*Apis mellifera* L.) caste development mitigate ROS-mediated oxidative damage in queen larvae”

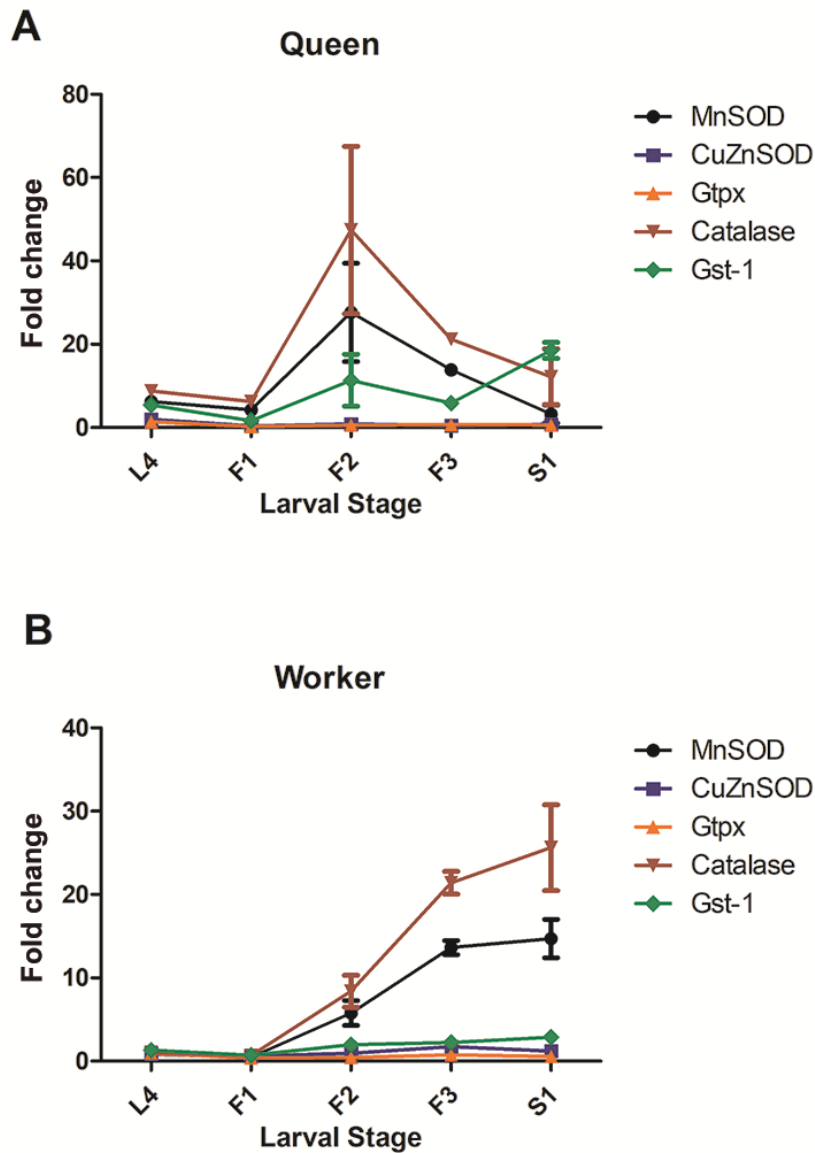


Figure S1 - Fold change of antioxidant genes *MnSOD*, *CuZnSOD*, *catalase*, *Gtpx* and *Gst-1* in *A. mellifera* queen (A) and worker (B) larvae. Shown are means and SEM of three biological samples per stage and caste, each analyzed in triplicate. Fold change was calculated by the $2^{-\Delta\Delta C_t}$ method (Livak and Schmittgen, 2001) using *rpl32* expression for normalization, and one of the fourth-instar worker samples as calibrator. The data are the same as those presented in Figure 3, but shown from a caste perspective.