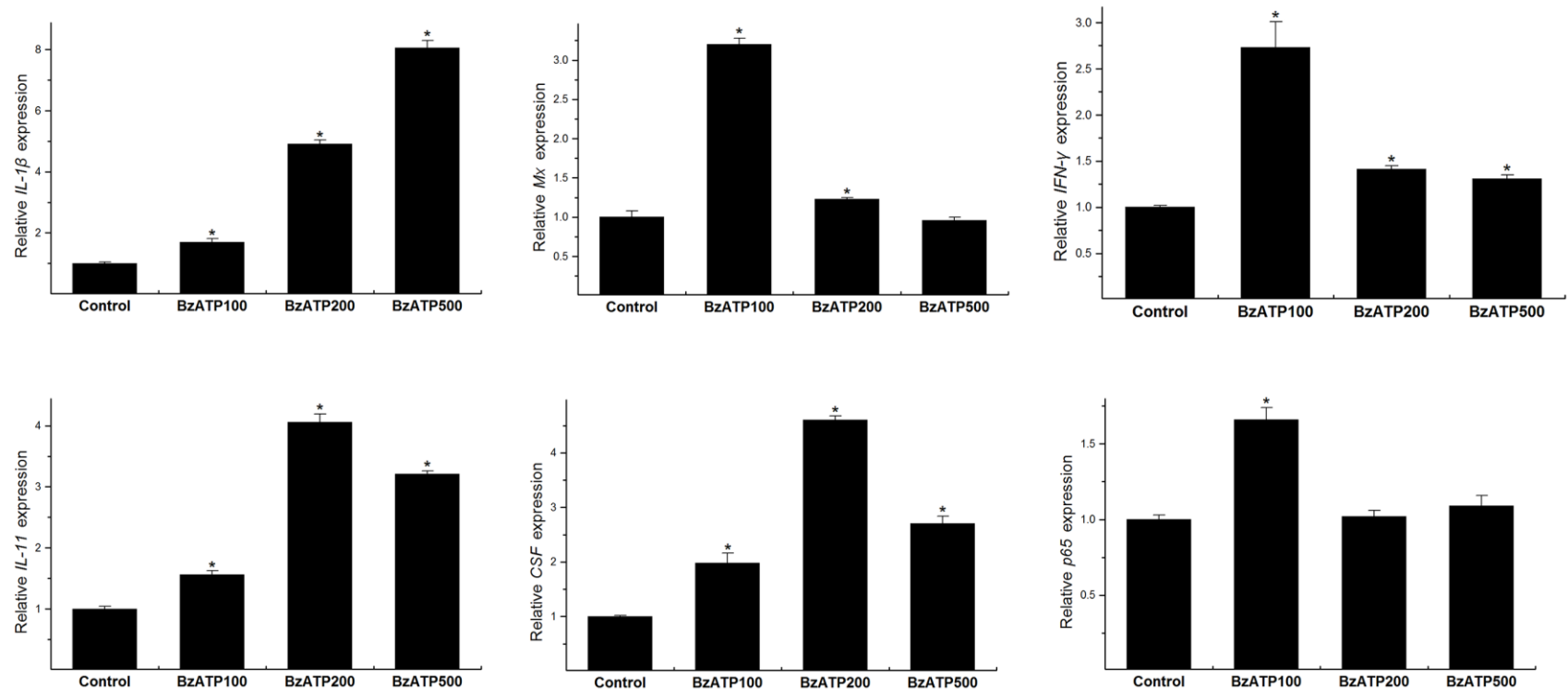


Supplementary Material



Supplementary Figure 1. BzATP-induced immune-related gene expression in Japanese flounder head kidney cells. IL-1 β , Mx, IFN, IL-11, CSF and p65 gene expression changes after 100, 200 or 500 μ M BzATP treatment for 2 h in Japanese flounder head kidney cells were analyzed by qRT-PCR with beta-actin as a reference gene and are presented as fold change relative to untreated control groups (normalized to 1). Results are expressed as the mean \pm SEM of triplicate experiments. Asterisks (*) mark the significant increase of target gene expression compared with the untreated control groups ($p < 0.05$).