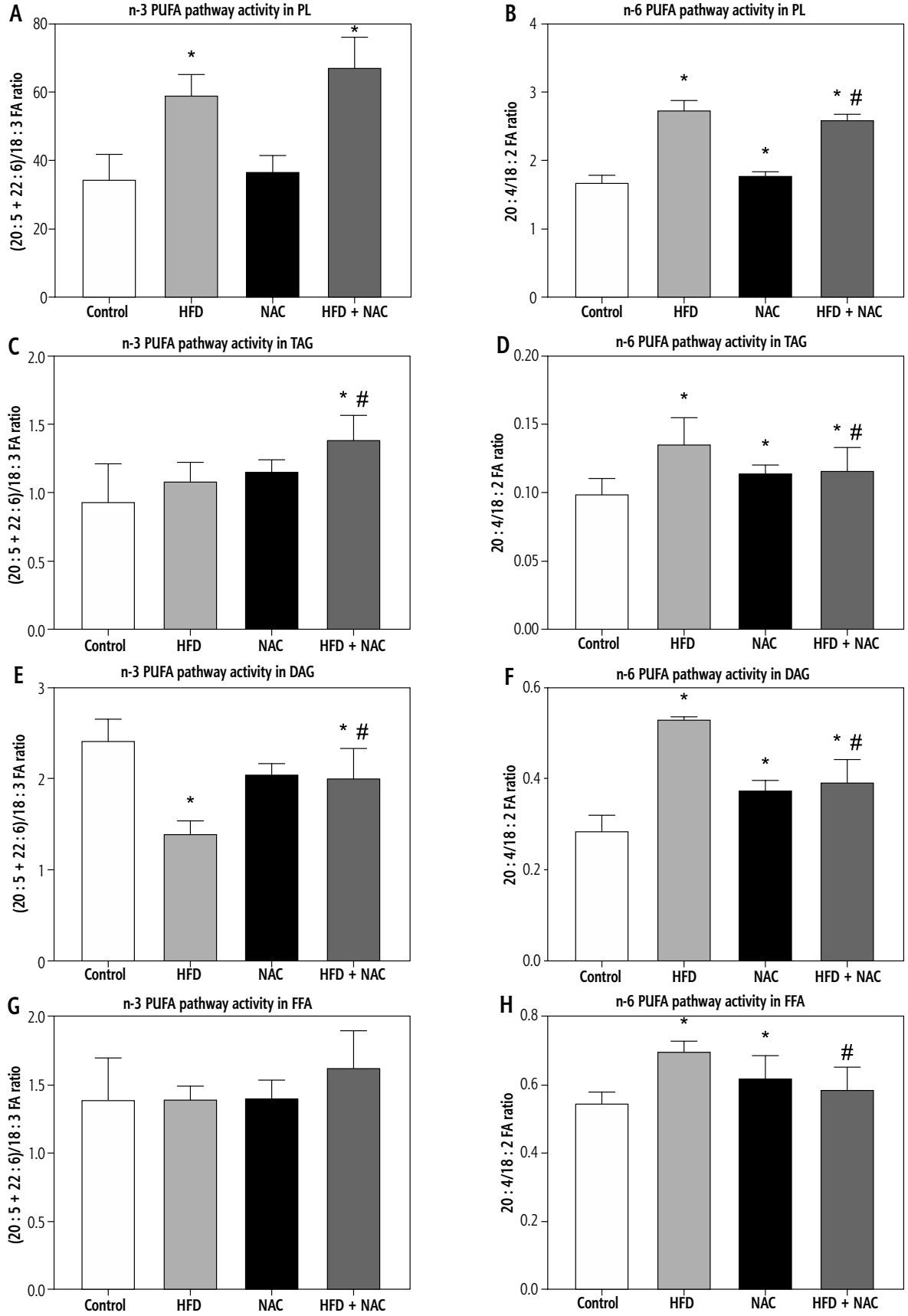

Fig. S1. Activity of n-3 and n-6 polyunsaturated fatty acid (PUFA) pathways in the following lipid fractions: phospholipid (PL; **A**, **B**), triacylglycerol (TAG; **C**, **D**), diacylglycerol (DAG; **E**, **F**) and free fatty acid (FFA; **G**, **H**) in the liver tissue of rats subjected to a standard (Control) or a high-fat diet (HFD) after eight-week N-acetylcysteine (NAC) supplementation

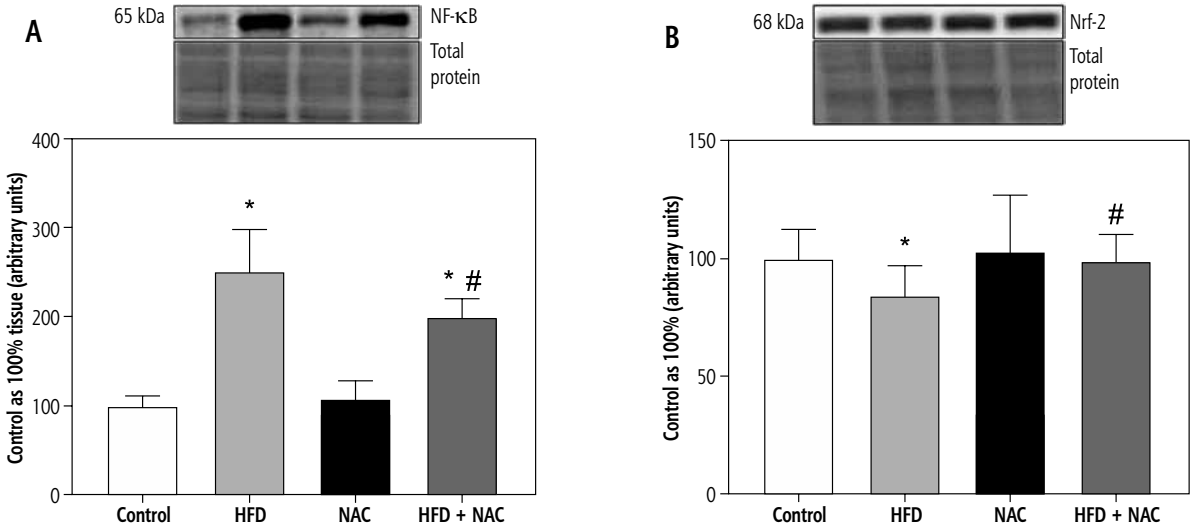

Fig. S2. Expression of other proteins regulating inflammation state, i.e., nuclear factor κB subunit p65 (NF-κB; **A**) and nuclear factor erythroid 2-related factor 2 (Nrf-2; **B**) in the liver tissue of rats subjected to a standard (Control) or a high-fat diet (HFD) after eight-week N-acetylcysteine (NAC) supplementation