**Supplementary Figure 3.** AIP4 ubiquitin ligase does not play a significant role in the TRPC6 and TRPP2 ubiquitination. HEK 293T cells were transfected with plasmids encoding V5/His-tagged TRPC6, TRPP2, and TRPC4, along with plasmids encoding FLAG-ubiquitin and either catalytically active (WT) or inactive (DN) versions of myc-AIP4. The TRP channels were purified from cell lysates on Ni-NTA beads and resolved on SDS-PAGE. Following Western blotting, V5-tagged TRP channels were detected using anti-V5 antibodies and the ubiquitin conjugates with anti-FLAG antibodies. Please note that the basal level of TRPC6 ubiquitination is relatively high. However, this modification is not regulated by AIP4.