

Supplementary Information

Nonautophagic cytoplasmic vacuolation death induction in human PC-3M prostate cancer by curcumin through reactive oxygen species-mediated endoplasmic reticulum stress

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Supplementary Figure S1

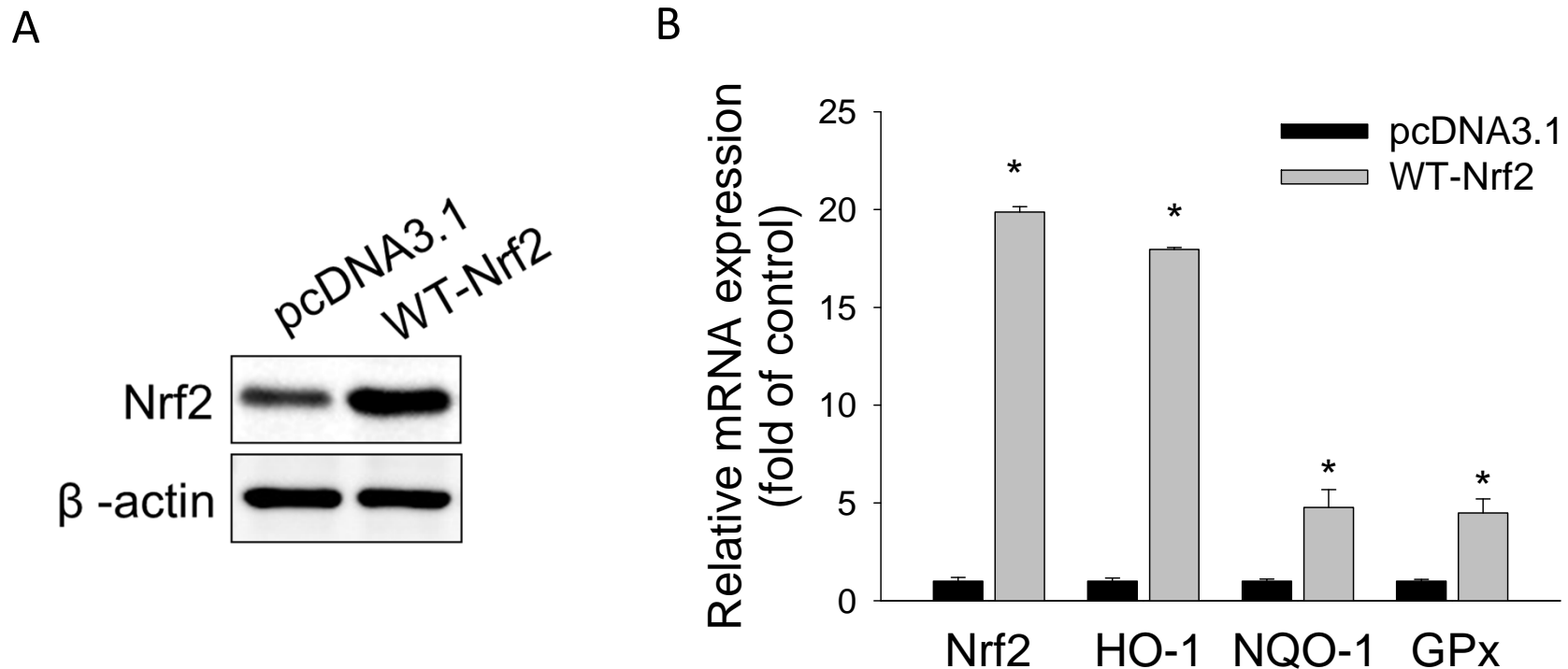


Figure S1. Functional confirmation of Nrf2 expression in PC-3M cells. (A): PC-3M cells were transfected with Nrf2 or a vector control (pcDNA 3.1), and expression levels of Nrf2 were measured by a Western blot analysis. (B): RNA was respectively isolated from PC-3M/vector and PC-3M/Nrf2 and applied to a real-time polymerase chain reaction assay to detect expression levels of Nrf2 and several Nrf-2-regulated genes: heme oxygenase (HO)-1; NAD(P)H quinone oxidoreductase (NQO)-1; and glutathione peroxidase (Gpx). The results are expressed as the means \pm SD of three independent experiments. The asterisks indicate significant differences compared to controls ($p < 0.01$).