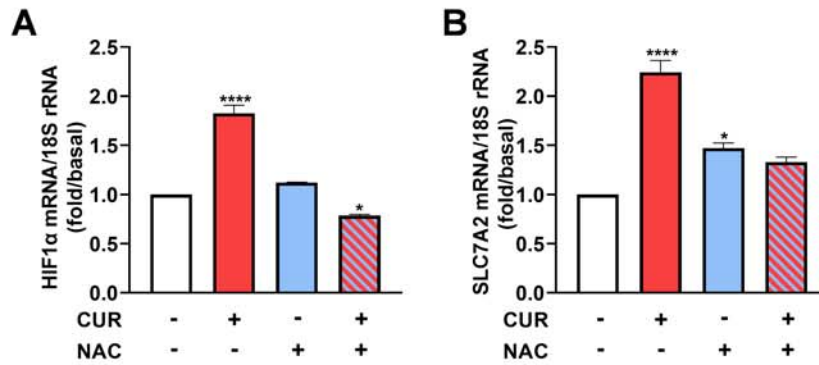
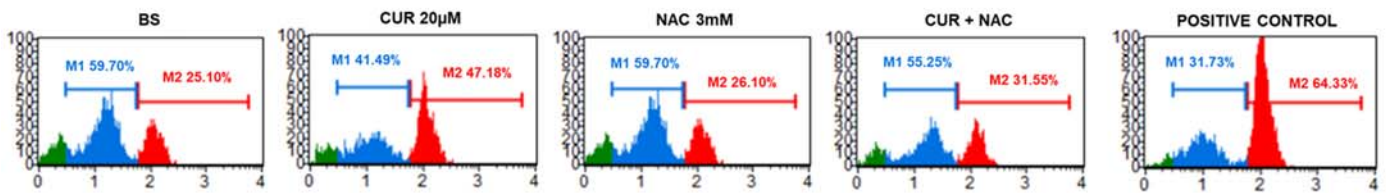


H295R



C

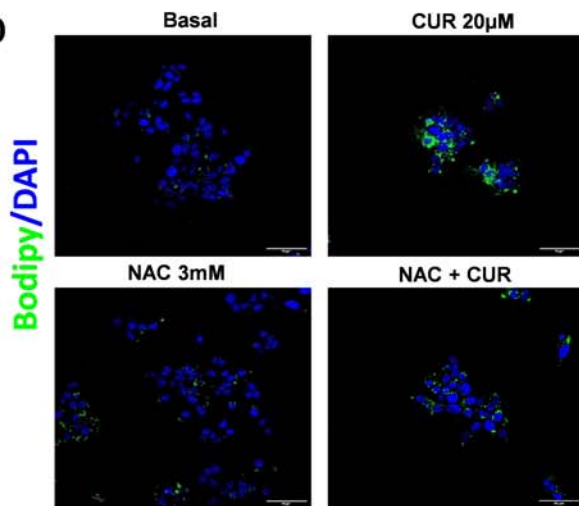
H295R



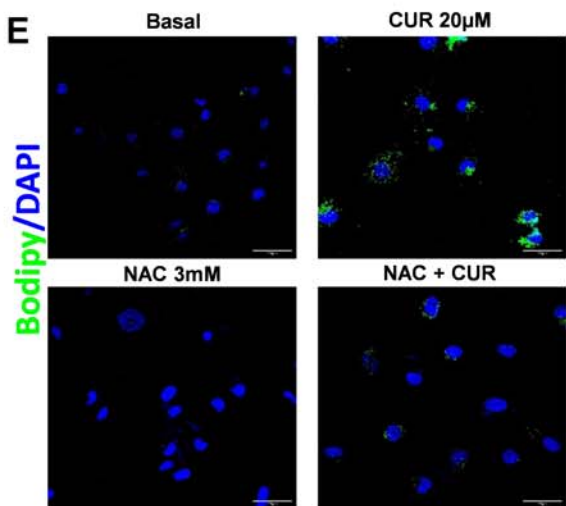
H295R

MUC-1

D



E



Supplementary Figure 1. SLC27A2 upregulation is HIF1α/ROS dependent

Cells were treated for 48h with curcumin (20μM) and N-Acetyl-L-Cysteine (NAC) (3mM).

A, B. mRNA expression of HIF1α and SLC27A2 genes in H295R cells. Data were expressed as means ± SEM. *p < 0.05; **p < 0.01; ***p < 0.001 ****p < 0.0001.

C. H295R cells were labeled with oxidative stress reagent and analyzed by Muse Cell Analyser. In the cytograms, cells positive for reactive oxygen species (ROS) are shown in red. H₂O₂ was used as a positive control.

D, E. Confocal images of neutral lipids in H295R (D) and MUC-1 (E) cells. Nuclei were stained by DAPI.