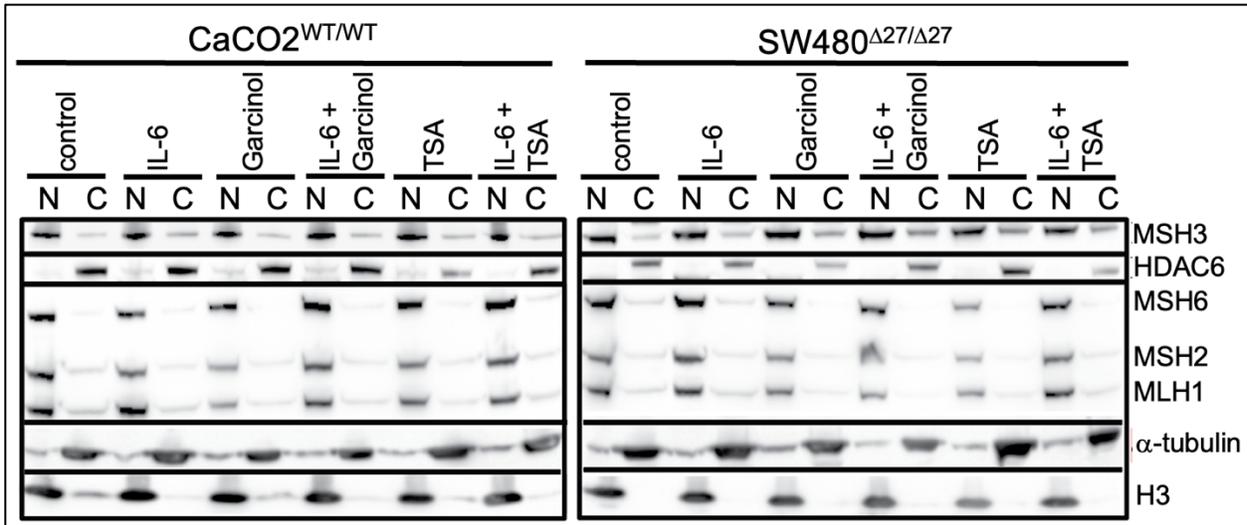


Supplementary Figures and Figure Legends

Supplementary Figure 1. Nuclear-cytosolic protein distribution after treatment with IL-6, Garcinol, and/or trichostatin A (TSA). The distribution pattern of $\Delta 27$ bpMSH3 changed upon all single and combined treatments, while that of WT MSH3 was only altered significantly to the cytosol upon treatment involving IL-6. No treatment markedly changed distribution of MLH1, MSH2, MSH6, and/or HDAC6. N=nuclear, C=cytosol, H3=histone H3



Supplementary Figure 2. *SW480* ^{$\Delta 27/\Delta 27$} cells transfected with the K to A (lysine to alanine) MSH3-NLS-EGFP construct exhibited significant cytosolic signal. Changing all three lysine residues to alanine severely impaired the nuclear localization function of the MSH3 NLS. EGFP=enhanced green fluorescent protein

