Supplemental Materials

Molecular Biology of the Cell

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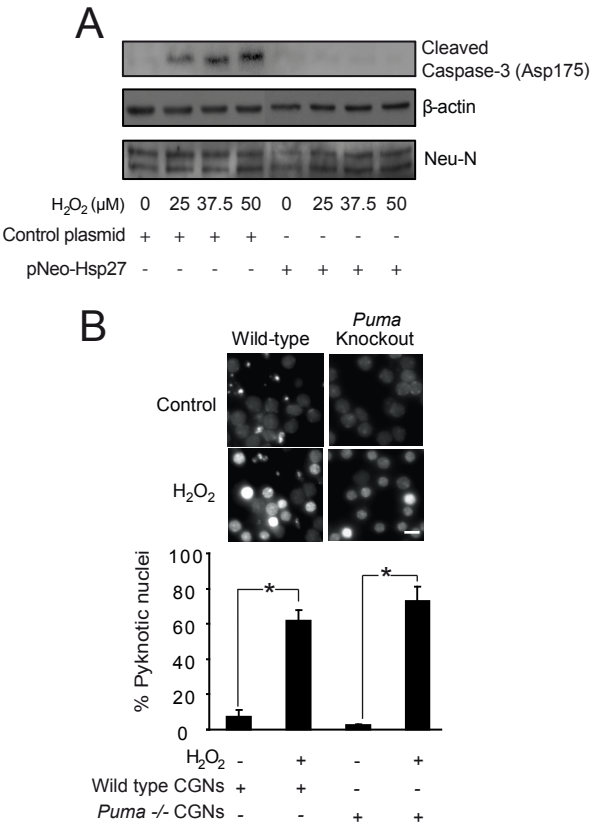
SUPPLEMENTARY FIGURE 1. (A) CGNs were transfected with pNEO-Hsp27 or a control construct prior to H_2O_2 (25, 37.5 and 50μM) addition. pNEO-Hsp27 neurons did not display up-regulation of the active, cleaved caspase-3 (Asp175) compared to control neurons 4h after H_2O_2 treatment. Neuronal marker Neu-N and β-actin served as loading controls, β-actin levels were not modified by H_2O_2 treatment. (B) CGNs from *puma* -/- mice, and wild-type (WT) controls were treated with H_2O_2 (37.5 μM) or sham conditions. 4-6 h post treatment the neurons were stained live with Hoechst and pyknotic nuclei were scored. After H_2O_2 treatment, wild type and *puma*-deficient neurons showed a significant increase in the percentage of cells with nuclear pyknosis (*$p < 0.05$; $n = 3$) Bar, 2.5 μm.



Supplementary figure 1