



Supplemental Figure 2. Effects of cathelicidins on cell proliferation. **A)** Effects of a panel of cathelicidins on the proliferation of human lung epithelial BEAS-2B cells. Cell proliferation was assessed by the MTT assays (top) and the Wst-1 assays (bottom). All cathelicidins were added to the cells at 2 μ M final concentration for 3 h prior to the assessment of their effects on mitochondrial oxidoreductase and mitochondrial dehydrogenase activities were measures in a plate reader. The data is plotted as the ratio of the samples treated with peptides to the mock-treated samples. All data were analyzed in triplicates. **B)** Derivatives of SMAP-29 can have reduced negative effects on cell proliferation. **C)** Derivatives of BMAP-27 can have reduced negative effects on cell proliferation.