



Supplemental Figure 1. In ultralow calcium concentration medium, treatment with nisin for 24 h did not increase the cytoplasmic distribution of the lysosome marker, Lamp II. In contrast to Fig. 6, nisin did not change the distribution of Lamp II from the nucleus and periphery of the nucleus to the cytoplasm. **(a)** 3D images consisting of stacked super-resolution microscopy images (green) and fluorescence microscopy (blue) along the z-axis. **(b)** Bar graph comparing the Lamp II distribution in the cytoplasm and nucleus. Scale bar represents 10 μm .