

MnTBAP. The results shown are representative of at least 3 independent experiments performed in duplicate. Error bars indicate s.e.m. * denotes $P < 0.05$ versus β Gal alone and † denotes $P < 0.05$ versus ANT1 alone.

SUPPLEMENTARY FIGURE 1. Bongkreikic acid attenuates ANT1-induced cell death and ROS production. *A*, Propidium iodide (PI) staining in Ad β Gal and AdANT1-infected neonatal cardiomyocytes treated with either vehicle or 25 μ M bongkreikic acid (BKA). *B*, TUNEL staining in Ad β Gal and AdANT1-infected cardiomyocytes treated with either vehicle or BKA. *C*, ROS production, as determined by DCF fluorescence, in Ad β Gal or AdANT1-infected cardiomyocytes treated with either vehicle or BKA. The results shown are representative of 3 independent experiments performed in duplicate. Error bars indicate s.e.m, and * denotes $P < 0.05$ versus β Gal alone and † denotes $P < 0.05$ versus ANT1 alone.

SUPPLEMENTARY FIGURE 2. Overexpression of the inner mitochondrial membrane proteins mitofilin and citrin does not induce cardiomyocyte death. *A*, Western blotting for mitofilin in neonatal cardiomyocytes infected with β Gal- or mitofilin (MiF)-expressing adenoviruses. VDAC was used as a loading control. *B*, Western blotting for citrin in cardiomyocytes infected with β Gal- or citrin-FLAG-expressing adenoviruses. Actin was used as a loading control. *C*, Propidium iodide (PI) staining in Ad β Gal, AdMiF, AdCitrin, and AdANT1-infected cardiomyocytes. All results represent the average values of 3 independent experiments performed in duplicate. Error bars indicate s.e.m, and * denotes $P < 0.05$ versus β Gal.