

SUPPLEMENTAL FIGURE 1. V-ATPase-mediated proton pump currents from wild type and mutant vacuoles. *A.* Typical ATP-triggered proton-current traces given by the upward deflection of the current baseline were strongly reduced in the V-ATPase mutants *det 3-1* and *vha-a2 vha-a3* compared to wild type (WT). *B.* The averaged ATP-induced current responses from the mutant vacuoles were given relative to those from wild type vacuoles. Number of experiments (n) is indicated. Experiments in *A* & *B* were performed with symmetrical ionic conditions at pH of 7.5. Measurements of *vha-a2 vha-a3* additionally contained 2 mM DTT. The mean value for WT (n=11; 2.4 ± 0.08 pA/pF) in *B* is composed of measurements performed in the presence of 2 mM DTT (n = 5; 2.5 ± 0.04 pA/pF) and absence of DTT (n = 6; 2.4 ± 0.1 pA/pF).

SUPPLEMENTAL FIGURE 1.

