



Supplemental Fig. 3. Lacking cytosolic CAs does not alter the stomatal density of the double mutant. Leaves of 10 week old Arabidopsis plants grown in 200 $\mu\text{L L}^{-1}$ CO_2 were submerged in a 1 mg mL^{-1} propidium iodide solution (Engineer et al., 2014) for five minutes before being imaged by confocal microscopy. The Kr/Ar laser was set to 488 nm to excite propidium iodide and its fluorescence was detected between 620-640 nm. Confocal images were analyzed using ImageJ (NIH) to obtain stomata counts. Each bar represents the mean \pm SD of five individual plants for each line.