

Ca²⁺-dependent phosphoregulation of the plasma membrane Ca²⁺ATPase ACA8 modulates stimulus-induced Ca²⁺ signatures

Alex Costa , Laura Luoni, Claudia A Marrano, Kenji Hashimoto, Philipp Köster, Sonia Giacometti, Maria Ida De Michelis , Joerg Kudla , and Maria Cristina Bonza

Supplementary data

Fig. S1. Subcellular localisation of NUP::YC3.6 probe in a representative tobacco epidermal leaf cell.

Fig. S2. Comparison of wounding-induced Ca²⁺ transients in leaves of *Nicotiana* plants transiently transformed with NES::YC3.6 or NUP::YC3.6.

Fig. S3. Expression levels of PM-localised ACA isoforms in roots of *Arabidopsis thaliana*.
Video S1. Series of nuclear Ca²⁺ ratio images of a *Nicotiana* leaf subjected to wounding

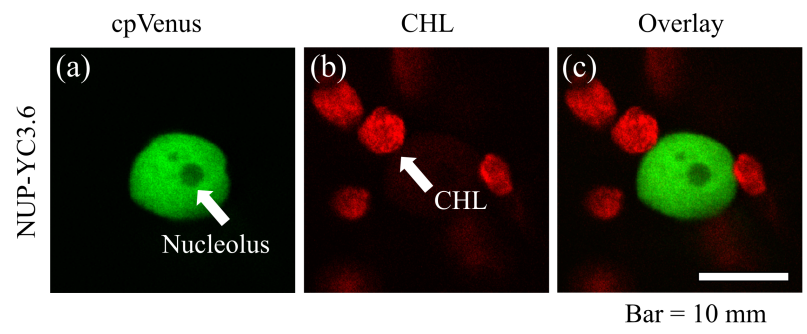


FIGURE S1

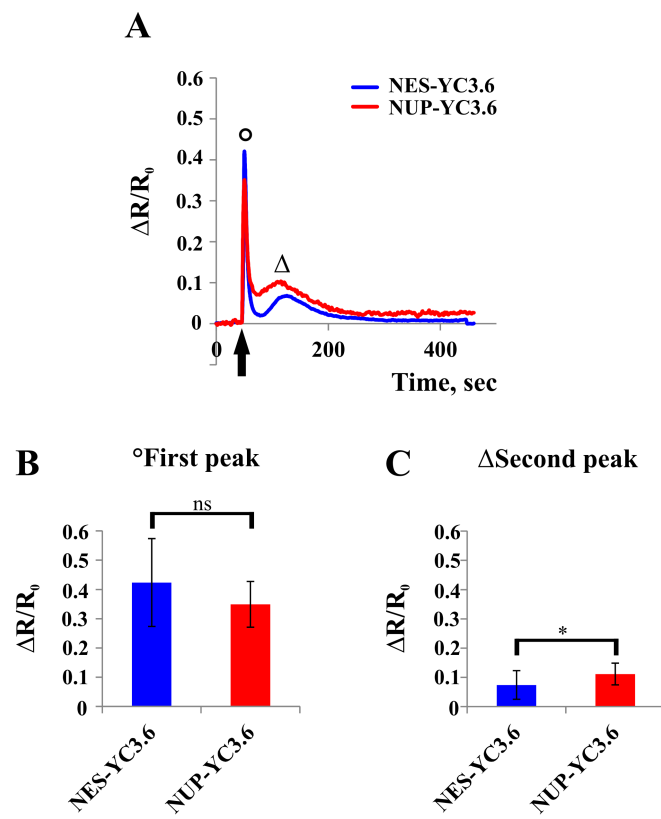


FIGURE S2

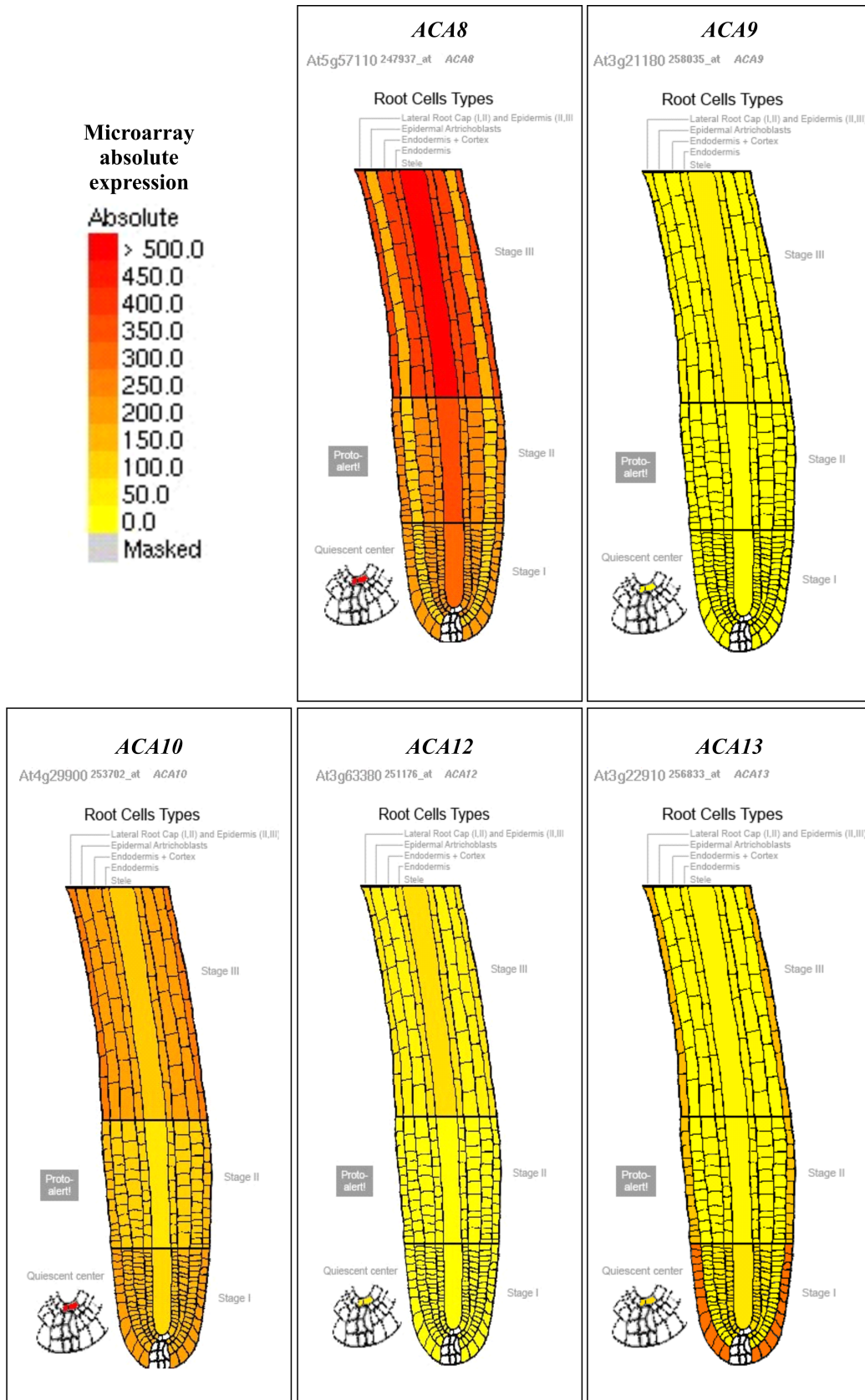


FIGURE S3