



Additional file 4. The plasma membrane localization of CAN nucleases by fluorescence microscopy. ECFP alone and ECFP-fusion proteins were transiently expressed in *Arabidopsis* root cell protoplasts. The bright-field images are shown in the left part of each panel and corresponding ECFP fluorescence images are shown on the right. Two examples from each experiment are shown. **(A-B)** Protoplasts transformed with an empty vector (pSAT6A-ECFP) as a control. **(C-D)** Expression of the CAN1-ECFP fusion constructs. **(E-F)** Expression of the CAN2-ECFP fusion constructs. The scale bar indicates 10 μm .