

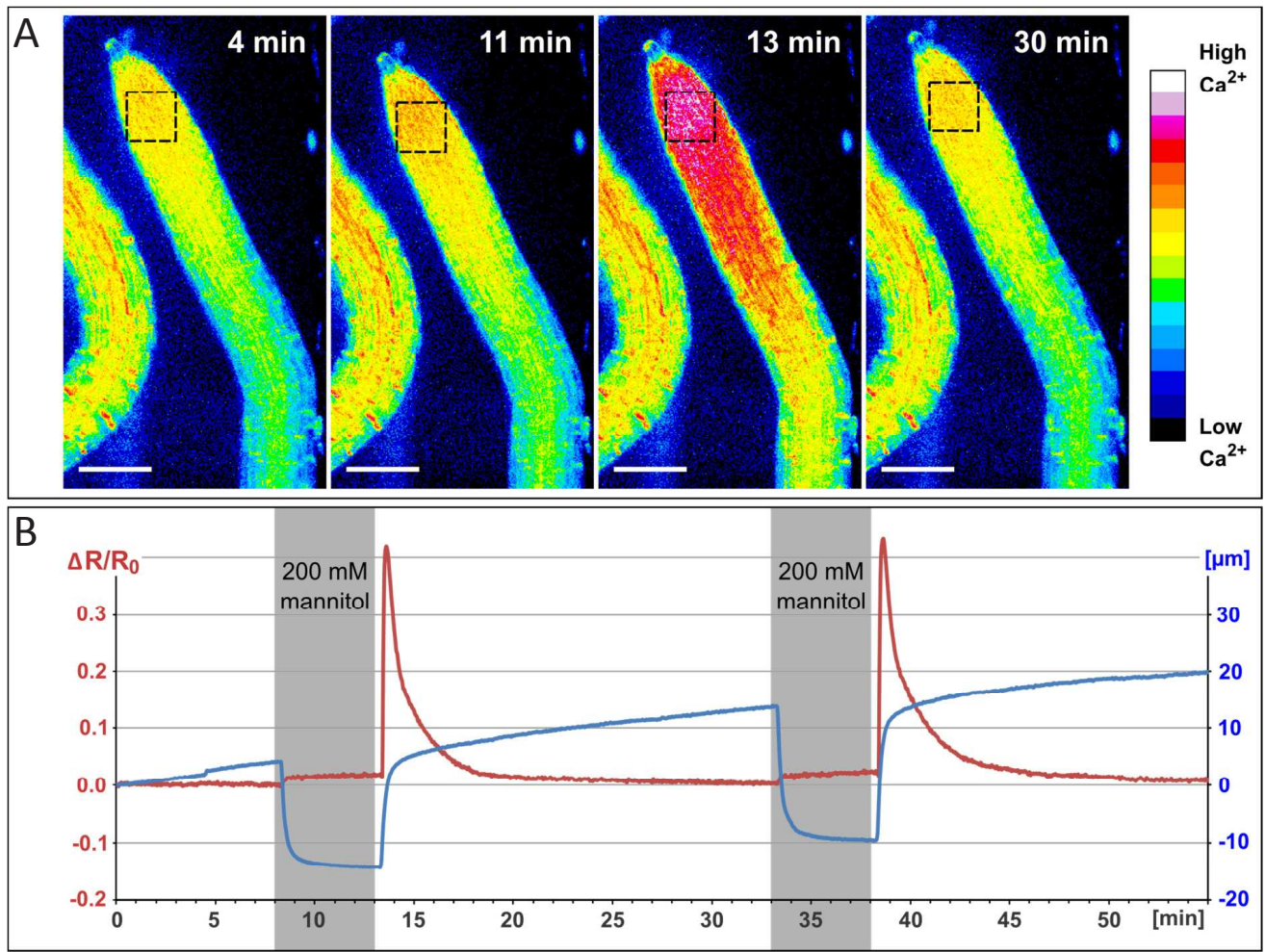


Figure S5.1 | Characterization of CerTN-L15 expressed in Arabidopsis roots.

(A) Ratiometric images of CerTN-L15 in roots under osmotic stress. Ratiometric images show representative time points before (4 min), during (11 min), immediately after (13 min) and at 30 min after treatment with 200 mM mannitol of a root expressing p35S::CerTN-L15. The dotted square marks the region used for measurement shown in (B). Scale bars = 100 μm .

(B) Ratio changes of CerTN-L15 and growth behaviour in roots under osmotic stress. Normalized ratio change of CerTN-L15 in the root tip (red) and root length (blue) during two repeated osmotic stress treatments (experiment shown in A). Grey regions show the time of perfusion with 200 mM mannitol.