Supplemental movies

Movie 1. Cortical ER-network in companion cells from AtSUC2-ER-GFP tobacco (3-D stack).

Movie 2. Time-lapse movie showing the dynamics of companion cell ER from AtSUC2-ER-GFP tobacco. Images were captured every 12 sec.

Movie 3. Time-lapse movie showing the dynamics of phloem parenchyma from wild type tobacco stained with DiOC₆. Images were captured every 5 sec.