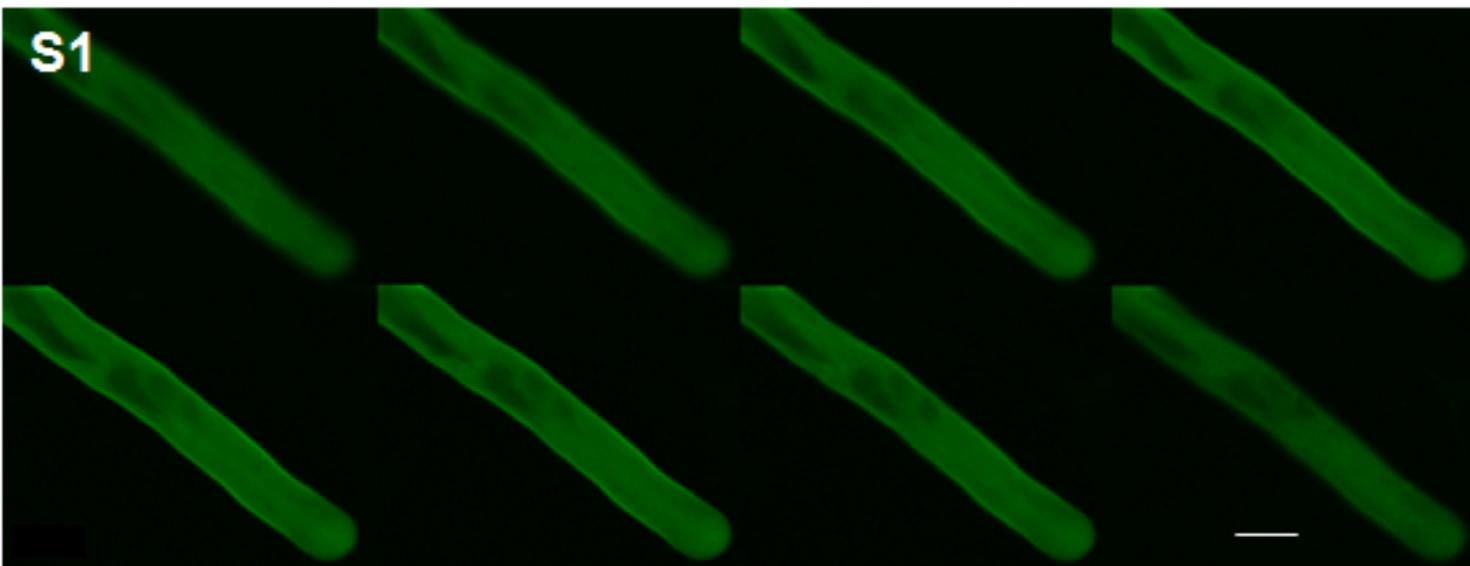


**S1**



**Supplementary Figure 1**

Z-stack series of a growing *N. tabacum* tobacco pollen tube showing the subcellular localization of GFP-SYP125 at different planes (observation made ~6 h after transformation). Each section is ~2 $\mu$ m thick. Scale bar = 10  $\mu$ m.

**S2**



**Supplementary Figure 2**

Growing *N. tabacum* tobacco pollen tube co-expressing GFP-SYP125 (green) and RFP-SYP124 (red). At the apical inverted cone and at the sub-apical plasma membrane the two signals overlap (observation made ~6 h after transformation). Scale bar = 10  $\mu$ m.