



**Supplemental Figure 9**

**Supplemental Figure 9.** Time-lapse imaging showing the constant intracellular distribution of DAG in a growing pollen tube (first, middle and last frames of supplemental movie 3). Single confocal sections through a transiently transformed tobacco pollen tube expressing the DAG marker Cys1:YFP 6-8 h after gene transfer were imaged at a rate of 10 frames per minute (35 images in total): frames 1, 18 and 35 are displayed. All images show central sections through a pollen tube growing flat on the cover-slip surface (scale bar: 10  $\mu\text{m}$ ).