



Supplemental Figure 4

Supplemental Figure 4. Normal PI 4,5-P₂ and DAG distributions in pollen tubes treated with U-73122 at a low concentration, or with an inactive analog of this drug (U-73343). Single confocal sections showing the distributions of the PI 4,5-P₂ marker YFP:PH (A and C), or the DAG marker Cys1:YFP (B and D), in transiently transformed tobacco pollen tubes 6-8 h after gene transfer and 30' after adding the indicated drugs to the culture medium. (A and B) Pollen tubes treated with 0.1 μM U-73122. (C and D) Pollen tubes treated with 10 μM U-73343. In all cases, central sections through growing pollen tubes lying flat on the cover-slip surface are shown, which represent at least 15 similar images collected in two or more independent experiments (scale bar: 10 μm).