



Supporting Figure S3. Lovastatin effects on YFP-KNOLLE lateral diffusion determined by FRAP analysis.

(a, b) Pre-bleach (pre), post-bleach (post) and subsequent post-bleach images acquired at selected time points are displayed in min. Boxes indicate bleach ROIs. FRAP analyses of YFP-KNOLLE fluorescence after bleaching of a 2 μm ROI in the plane of cell division on seedlings incubated with (a) MS + DMSO or (b) MS + Lov after 45 min pre-incubation with (CHX – e) 50 μM CHX and energy inhibitors (-e) 0.02% sodium azide, 50 mM 2-deoxy-D-glucose. (c) Quantitative analyses of experiments showing normalized values of pre- and post-bleach fluorescence intensities at recovery time points in 1 min post-bleach image acquisition intervals during 10 min and every 5 min during 30 min. Data are mean ± SD from n = 13 cells. Student's two-tailed *t* test revealed a statistical difference between DMSO and Lov treated cell plates at 15 min ($p=0.0136$), 17 min ($p=0.0064$) and 30 min ($p=0.025$). Scale bars, 5 μm.

