Figure S1: Effect of composition on phase separation in GUVs.

A: Numbers correspond to the molar ratios of Brain Sphingomyelin, Cholesterol and DOPC (BSM:Chol:DOPC), respectively. 1:1:1 S illustrates the segregated sub-fraction of vesicles made with the 1:1:1 lipid mixture. Pre is the homogenous sub-fraction of vesicles made of 1:1:1 lipid mixture, prior to photoactivation. Post: the same vesicle as in Pre, after 2 min. of weak photoactivation. Large domains of several µm diameter are visible.

B: Fluorescence intensity ratio of the fluorescent phase over the non-fluorescent phase versus lipid composition. Measurements were performed on 10-15 equatorial confocal planes of vesicles for each lipid mixture.
ROUX_EMBOj_figure S1