<u>Supplementary info 7:</u> Non-merged confocal microscopy images of pea and lupin samples, prior to HPH treatment. Left picture: green channel, for the fluorescence of proteins marked with Alexa 488. Central picture: red channel, for the fluorescence of lipids marked with Nile Red. Right picture: merged channels. Scale bars are of 50 μ m for PPI and LPI, and 25 μ m for PPC and LPC.

