



**Supplementary figure 1. Modulation of autophagy detected by confocal microscopy.** MDA-MB-231 cells were co-transfected with a specific siRNA against UGDH gene (siUGDH) or a random sequence siRNA as negative control (siSCR) and 2  $\mu$ g of a specific LC3-GFP construct. After 24h, 1  $\mu$ M EPI (EPI) was added to complete 48h of incubation. To analyze the formation of autophagosomes, the fluorescence emitted by GFP was evaluated through confocal microscopy adding chloroquine as a specific inhibitor of autophagy.