



SUPPLEMENTARY FIG. S4. Coenzyme Q₁₀ blocks statin-mediated p62/SQSTM1 translocation to the mitochondria. (A) Representative images of p62/SQSTM1 translocation to the mitochondria in cells given DMSO or simvastatin (1 μ M) with or without 5 μ M coenzyme Q₁₀. p62/SQSTM1 (red) and Tom70 (green) were immunolabeled and nuclei were stained with Hoechst 33432. To emphasize colocalization between p62/SQSTM1 and Tom70, processed images were thresholded for yellow color representing colocalized points (p62/SQSTM1 and Tom70). **(B)** HL-1 cells treated with simvastatin (1 μ M, hashed bars) or vehicle control DMSO (solid bars) were scored for p62/SQSTM1 translocation to the mitochondria. Cells exhibiting more than 50% colocalization of p62/SQSTM1 to mitochondria were counted as positive. $n=4$ plates per group. * p -value < 0.05.