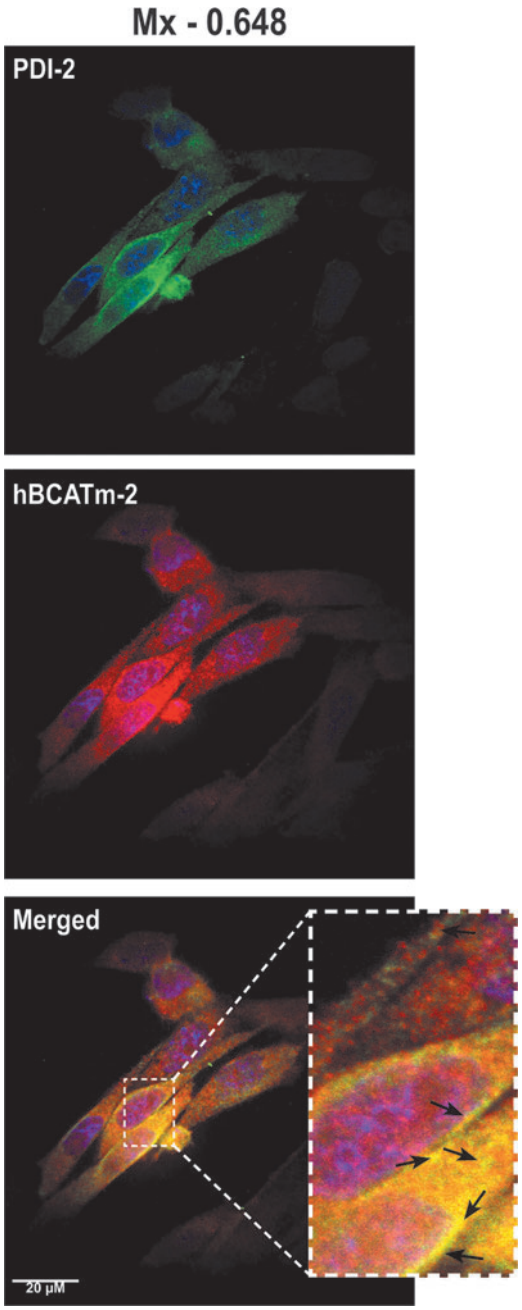

SUPPLEMENTARY FIG. S3. The mitochondrial hBCAT co-localizes with PDI and Mia40. IMR-32 cells were fixed for immunostaining as described in the "Materials and Methods" section using primary antibodies: anti-hBCATm-2 and anti-PDI-2 (1/250 dilution). Secondary antibodies: goat anti-rabbit Alex Fluor 568 (anti-PDI-2 [1/500 dilution]) and goat anti-mouse Alex Fluor 488 (hBCATm-2, [1/500 dilution]). Slides were washed and mounted in 300 n*M* 4′,6′ diamino-2-phenylindole (DAPI) in glycerol. Mander's correlation coefficient (Mx) was used to statistically assess the co-localization of hBCAT with PDI. PDI (Green) + hBCATm (red). Merged images show yellow where co-ocalistion is observed, as indicated by the arrows. Scale bar (20 μm).