

Supplementary Figure Legends

Supplementary Figure 1. Effect of MCT1 knockdown on the growth of colon cancer cells. *A.* Effect of siMCT1 on the induction of senescence during colorectal cancer cell growth. The number indicates the percentage of SA- β -Gal-positive cells. Colon cancer cells were transfected with indicated concentrations of siRNA, cultured for 5 days, and stained for SA- β -Gal. *B.* Differential effects of siMCT1 vs siMCT2 on the growth of LoVo cells. LoVo cells were transfected with indicated concentrations of siRNA and cultured for 5 days.

Supplementary Figure 2. siMCT1 concentration-dependent increase in ROS accumulation. ROS levels were analyzed using the fluorescent dye DCF-DA, 5 days after transfection with siRNA.

Supplementary Figure 3. Fluorescence of LoVo cells observed using flow cytometry after staining with MitoTracker Red, 5 days after transfection with siRNA (20 nM).