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).