



Supplementary FigureS1

Supplementary Figure S1. Cholesterol metabolism and gene expression of related proteins.

(A) Schematic depiction of cholesterol metabolism and dynamics in the cell. (B) Gene expression analysis using RNA sequencing, with expression levels shown as transcripts per million (TPM). \* $p < 0.05$ ; t-test. ns = not significant. p-values: 0.00499 (Srebf1), 0.3400 (Srebf2), 0.0998 (LDL-R), 0.1127 (Scarb1), 0.0540 (Scarb2), 0.0437 (Acat1), 0.3978 (Hmgcr), and 0.2968 (Hmgcs) by paired t-test.