Supplementary Figure legends

Figure S1

(a) HN4 cells were transfected with NC or DHODH shRNA. 48 h after transfection, the expression of DHODH was examined by immunoblot.

(b) HN4 cells were transfected with NC or DHODH shRNA. 48, 72 or 96 h after transfection, cell viability was examined by CCK-8 assay. Data were normalized to the NC shRNA-treated group of the same time point. **, \( P < 0.01 \); ***, \( P < 0.001 \).

(c) HN4 cells were transfected with NC or DHODH shRNA. 72 h after transfection, cell proliferation was examined by EdU incorporation assay. *, \( P < 0.05 \); **, \( P < 0.01 \).

(d) HN4 cells were transfected with NC or DHODH shRNA. 48 h after transfection, the level of UMP was examined. ***, \( P < 0.001 \).

(e) HN4 cells were transfected with NC or DHODH shRNA. 48 h after transfection, mitochondria was isolated and immunoprecipitation was performed using indicated antibodies.