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Supplemental Information

**Hedgehog Acyltransferase Promotes
Uptake of Palmitoyl-CoA across the
Endoplasmic Reticulum Membrane**

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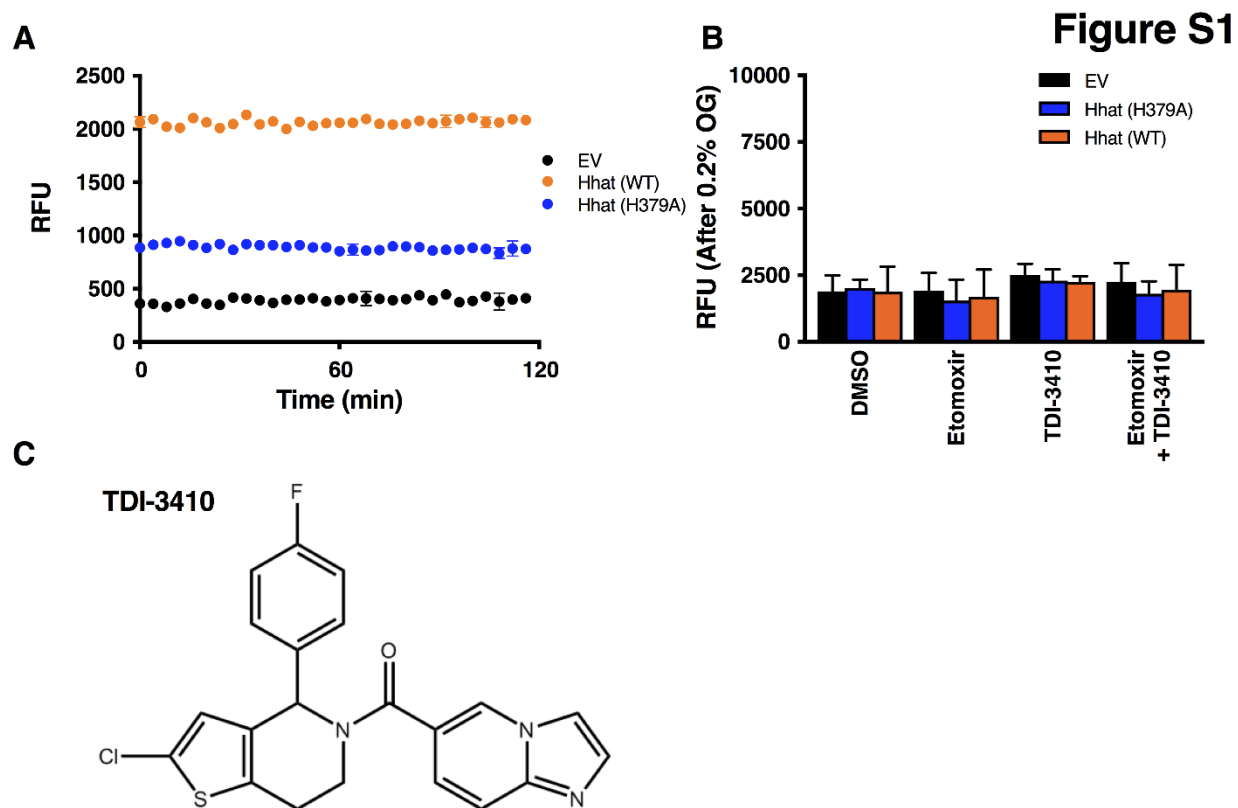


Figure S1, related to Figure 2.

(A,B) Microsomal membranes from HEK293FT cells expressing EV, Hhat WT, or Hhat H379A were incubated with NBD-palmitoyl-CoA for 60 minutes at room temperature prior to the addition of $\text{Na}_2\text{S}_2\text{O}_4^{2-}$. RFU readings were recorded every 2 minutes for 120 minutes (A), followed by the addition of 0.2% octyl glucoside (B); $n=3$. (C) Structure of TDI-3410.

A

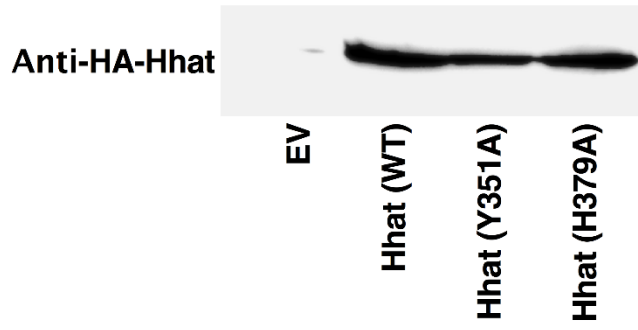


Figure S2

Figure S2, related to Figure 7.

Anti-HA Western blot of wild type and Hhat mutant expression in microsomal membranes prepared from transfected HIK293FT cells.