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**Supplementary Figure 5.** (**A**) Co-culture of LV-BCKDH-infected C2C12 cells and PAOA-treated LV-shASCT2-infected THLE cells in DMEM medium supplemented with 10 mM BCAA. (**B**) Western blotting analysis of ACST2 protein expression in THLE cells infected with LV-shASCT2 or LV-shCtrl. (**C** and **D**) Representative images (C) and quantitative analysis (D) of THLE cells stained with Oil Red O in the indicated groups (n=3 wells). Scale bars, 50 μm. AAV: Adeno-associated virus; LV: lentivirus; EV: empty vector. \*\*p<0.01.