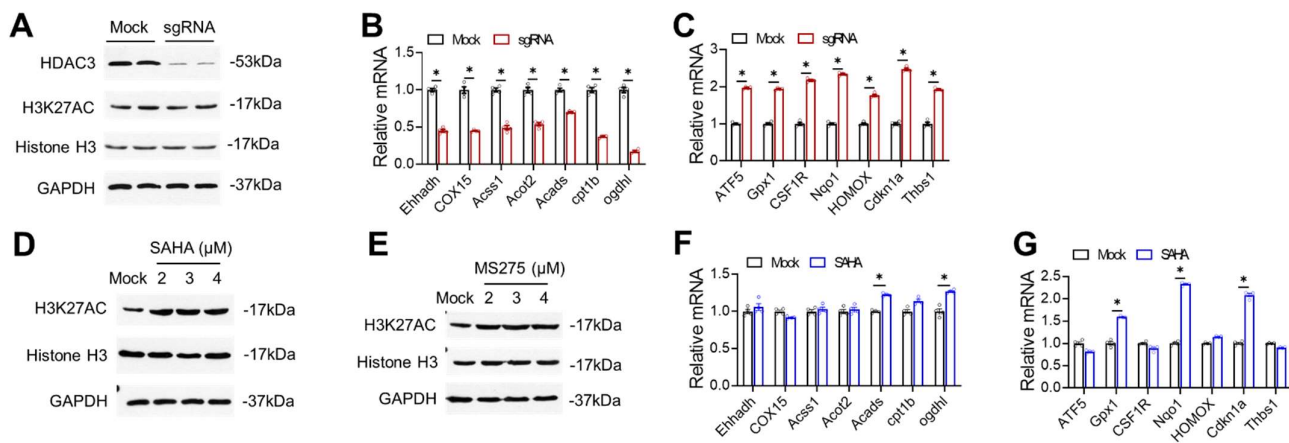


702 **Supplemental Figure S1. Discrete cell-autonomous effects between HDAC3 depletion and HDAC**
703 **enzyme inhibition in iPSC-derived cardiomyocytes (iPSC-CM).** (A) Western blot analysis of lysates from
704 iPSC-CM with HDAC3 knock-down. (B-C) RT-qPCR analysis of the iPSC-CM with HDAC3 knock-down. n =
705 4. (D-E) Western blot analysis of lysates from iPSC-CM administrated with 2 uM MS275 or SAHA at the
706 indicated dosages, along with vehicle control (mock). (F-G) RT-qPCR analysis of the iPSC-CM treated with
707 2 uM SAHA. All data are mean \pm S.E.M. * $p < 0.05$ by t-test.
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709 **Supplemental Figure S2. HDAC3-LAP2 β interaction is not affected by HDIs or HDAC3-NCOR**
710 **interaction.** (A) Co-immunoprecipitation analysis (co-IP) with the indicated antibodies of cell lysates from
711 HEK293 cells transfected with indicated plasmids, followed by immunoblot (IB) with the indicated antibodies.
712 (B) Co-IP analysis of HEK293 cells treated with 2 uM MS275 or SAHA. (C) Fatty acid oxidation (FAO) assay
713 in AC16 cells infected with the indicated adenovirus vectors. Data are mean \pm S.E.M. * $p < 0.05$ by one-way
714 ANOVA with Holm-Sidak's post hoc.
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Figure S1

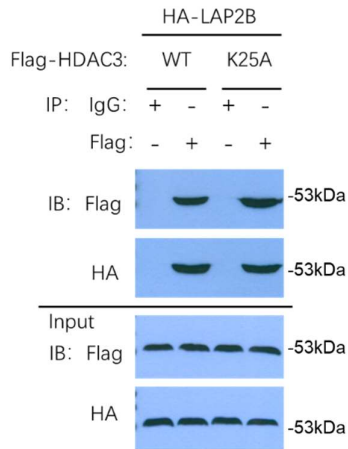


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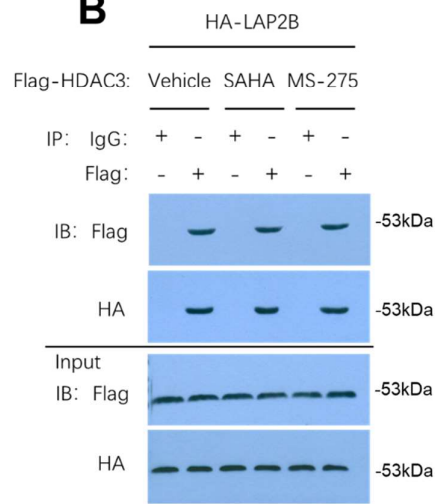
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Figure S2

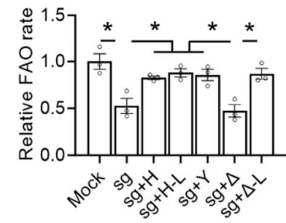
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