## **Supplemental Videos**

Video S1. Related to Figures 3, 4 and 7F. Allosteric inhibition of SIRT1 by the combined actions of DBC1 and PACS-2.

Video S2. Related to Figures 5, 7E and 7F. STACs protect SIRT1 from PACS-2 by stabilizing the 3HB.