



**Figure S3. Nuclear colocalization of VRK1 and SIRT2 proteins.** **A.** Colocalization of endogenous VRK1 and transfected SIRT2-HA in A549 cells. Field images are shown to the left. The selected individual cell to show detail is marked by a box and shown to the right. **B.** Overlap of the the immunofluorescence signals of VRK1 (red) and SIRT2 (green) along the plane (line) indicated in the merge image at the right. **C.** Immunoblot showing the expression of VRK1 and SIRT2.