

**Figure S1.** SIRT7 presents a nucleolar localization sequence.(A) SIRT7 presents an arginine-rich region (geen box: RSRREGLKRR) within its 75 first amino acids. (B) GFP-SIRT7 construct (a, b) and GFP-SIRT7 construct deleted from the 75 first amino acids (c, d) were transfected in HeLa cells. Bar, 10  $\mu$ m.