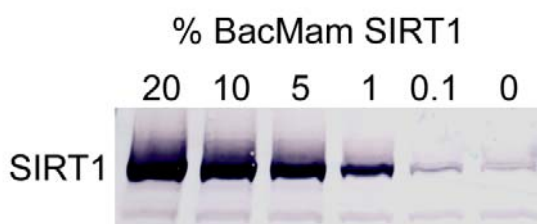
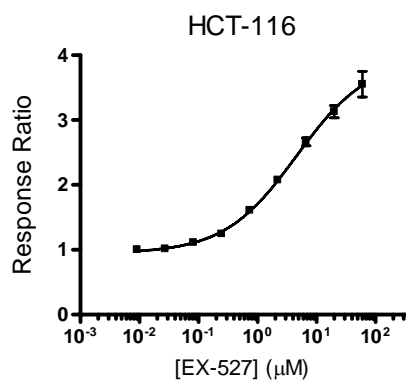


Supplementary Figure 1: Western blot analysis to confirm the SIRT1 protein expression. Indicated amount of SIRT1 BacMam virus (v/v) was used to transduce U-2OS cells in 6-well plate. 24 hours later, cell lysates were harvest and subjected to SIRT1 Western blot analysis as described in *Experimental*.



Supplementary Figure 2: Measurement of p53 acetylation at Lys382 in other cell backgrounds. Treatment of BacMam p53 pre-transduced HCT-116 (A) and PC3 (B) cells with serially-diluted EX-527 (in the presence of 1 μ M TSA) resulted in dose-dependent increases in acetyl-p53 (Lys382) TR-FRET signal. Values represent the average of at least 4 data points, \pm S.E.

A.



B.

