Chemopreventive effects of an HDAC2-selective inhibitor on Rat Colon Carcinogenesis and APCmin/+ Mouse Intestinal Tumorigenesis

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Supplementary Figure Legend:

Supplementary Figure 1:

1A: Cytotoxic effect of various doses of OSU-HDAC42 after 24h of treatment on HCT116 cell viability as measured by MTT activity assay. Values are Mean±SD of triplicate experiments (***P < 0.001).

1B: Detection of HDAC2 activity in cell extracts. The histogram shows the mean expression values of HDAC2 activity in HCT116 incubated with 0µM, 1.6µM, 3.2µM, 16µM, and 32µM OSU-HDAC42. HDAC2 activity was expressed as arbitrary units. Experiments carried in triplicate (***P < 0.001).

1C. Western blot analysis of HDAC2, CDC25C, CDK2, p53 in HCT116 cells treated with 1.6µM, 3.2µM, 16µM, and 32µM/L OSU-HDAC42.
Supplementary Figure 1.

A. Cell viability graph showing concentration vs. viability levels.

B. Bar graph indicating arbitrary units with significance levels.

C. Western blot images of proteins: HDAC2, CDC25C, Cdk2, p53, and B actin.