



**Figure S4. Non-specific HATi on screened histone acetylation marker shows minimal therapeutic effect.** MTT cell viability assay after 48 h treatment of (A) MB3 and (B) CPTH2 at various concentrations. Data shown as mean  $\pm$  s.d.,  $n=3$ . (C) H4K12ac quantification after 24 h treatment with 300  $\mu$ M of either CPTH2 or MB3.  $n=3$ , shown in mean  $\pm$  s.d.