**Supplementary Table 1.** Schematic representation of HAT alterations in cancer. The main HATs changes in cancer are indicated.

**Supplementary Table 2.** Main deregulation of acetylation in cancer. Renown modifications of acetylation in cancer are listed.

**Supplementary Table 3.** Schematic classification of HDAC inhibitors in clinical trials for cancer treatment. The main HDACi used in clinical trials against cancer are indicated.