



**Figure 1.** Sequence of H3 tail and distribution of PTMs. (A) Sequence of H3 tail and positioning of methyllysine (Kme) and methylarginine (Rme) marks. (B) Positioning of adjacent marks within the H3 tail at R2-T3-K4, A7-R8-K9-S10, and A25-R26-K27-S28 segments. Kme marks are partitioned between those that are activating and those that are repressive.