

Histone peptide	Modifications
(H2B) KGSKKAVTKAQKKDGKKR	4 Acetyl (K) 4 Acetyl (K);Dimethyl (KR)
(H3) QTARKSTGGKAPRKQLATKAAR	Acetyl (K);Methyl (KR) 2 Acetyl (K) 2 Acetyl (K);Phospho (STY) 2 Acetyl (K);Methyl (KR) 2 Acetyl (K);Dimethyl (KR) 3 Acetyl (K) 3 Acetyl (K);Phospho (STY) 3 Acetyl (K);Methyl (KR) 3 Acetyl (K);Dimethyl (KR) 4 Acetyl (K)
(H4) KGLGKGGAKR	3 Acetyl (K) Acetyl (K);GlyGly (K)

Table EV1: Isolation of acetylated histone peptides. Table listing three representative examples of acetylated histone peptides from H2B, H3 and H4, isolated by acetyl-IP and identified with MS followed by MaxQuant analysis. In addition to acetylation marks, these peptides can be modified with additional histone PTMs.