

Table S7. The differential histone H3 PTMs sites list in MCF-7 cells under estradiol stimulation

Protein IDs	Protein name	Sequence	Sequence begin (no M)	Acetyl sites (no M)	Methyl sites (no M)	Dimethyl sites (no M)	Phospho sites (no M)	Ratio E2+\E2	RSD ( %)
P68431	H31	FQSSAVMALQEACEAY LVGLFEDTNLCAIHAK R	84	115	116		99	0.57	\
Q71DI3	H32	KSAPATGGVKKPHR	27			36		0.61	11.4
Q71DI3	H32	KQLATKAAR	18	18	23			1.92	3.2