

Table S2: Peak numbers for modified histones that are associated with genes

CLASS I			
Expression level	H3K4me3	H3K56ac	H3K27me3
zero	180	106	228
low	2766	2285	1289
mid	3079	2915	707
high	3145	2958	498

CLASS II		
Expression level	H3K4me2	H3K36me3
zero	168	64
low	2478	1166
mid	2320	2099
high	1834	2556

CLASS III		
Expression level	H3K27me2	H3K9me3
zero	11	12
low	47	60
mid	21	56
high	20	45

CLASS IV		
Expression level	H3K27me1	H3K9me2
zero	7	8
low	37	38
mid	23	36
high	18	25

Expression level bins are defined in Methods.