

Supplementary Table 1 Percentage and peak number for all localization type in TSS-proximal regions, non-TSS-proximal regions and all peaks

	Gene-related peaks	me1	me1me2	me1me2me3	me1me3	me2	me2me3	me3
Distribution of TPRs	Number	5,948	1,278	536	726	3,899	1,860	13,212
	Percentage(Number/27459)	0.22	0.05	0.02	0.03	0.14	0.07	0.48
Distribution of non-TPRs	Number	33,086	1,494	991	1,907	3,124	2,960	11,262
	Percentage(Number/54824)	0.60	0.03	0.02	0.03	0.06	0.05	0.21
Distribution of all peaks	Number	39,034	2,772	1,527	2,633	7,023	4,820	24,474
	Percentage(Number/82283)	0.47	0.03	0.02	0.03	0.09	0.06	0.30