

Supplementary Table 13: The distribution of gene feature.

Gene Feature	Group	Diffmethylated	Amount
CDS	Abundance cluster 1	hyper1	0
	Abundance multi nucleotide m6A site 1	hyper2	34
	Abundance single nucleotide m6A site 1	hyper3	68
	Methylation stoichiometry cluster 1	hyper4	0
	Methylation stoichiometry multi nucleotide m6A site 1	hyper5	3
	Methylation stoichiometry single nucleotide m6A site 1	hyper6	11
	Abundance cluster 1	hypo1	0
	Abundance multi nucleotide m6A site 1	hypo2	86
	Abundance single nucleotide m6A site 1	hypo3	288
	Methylation stoichiometry cluster 1	hypo4	6
	Methylation stoichiometry multi nucleotide m6A site 1	hypo5	76
	Methylation stoichiometry multi nucleotide m6A site 1	hypo6	237
3'UTR	Abundance cluster 2	hyper7	3
	Abundance multi nucleotide m6A site 2	hyper8	31
	Abundance single nucleotide m6A site 2	hyper9	85
	Methylation stoichiometry cluster 2	hyper10	0
	Methylation stoichiometry multi nucleotide m6A site 2	hyper11	4
	Methylation stoichiometry single nucleotide m6A site 2	hyper12	7
	Abundance cluster 2	hypo7	3
	Abundance multi nucleotide m6A site 2	hypo8	31
	Abundance single nucleotide m6A site 2	hypo9	105
	Methylation stoichiometry cluster 2	hypo10	2
	Methylation stoichiometry multi nucleotide m6A site 2	hypo11	32

	Methylation stoichiometry single nucleotide m6A site 2	hypo12	90
5'UTR	Abundance cluster 3	hyper13	0
	Abundance multi nucleotide m6A site 3	hyper14	0
	Abundance single nucleotide m6A site 3	hyper15	1
	Methylation stoichiometry cluster 3	hyper16	0
	Methylation stoichiometry multi nucleotide m6A site 3	hyper17	0
	Methylation stoichiometry single nucleotide m6A site 3	hyper18	0
	Abundance cluster 3	hypo13	0
	Abundance multi nucleotide m6A site 3	hypo14	4
	Abundance single nucleotide m6A site 3	hypo15	16
	Methylation stoichiometry cluster 3	hypo16	0
	Methylation stoichiometry multi nucleotide m6A site 3	hypo17	3
	Methylation stoichiometry single nucleotide m6A site 3	hypo18	8