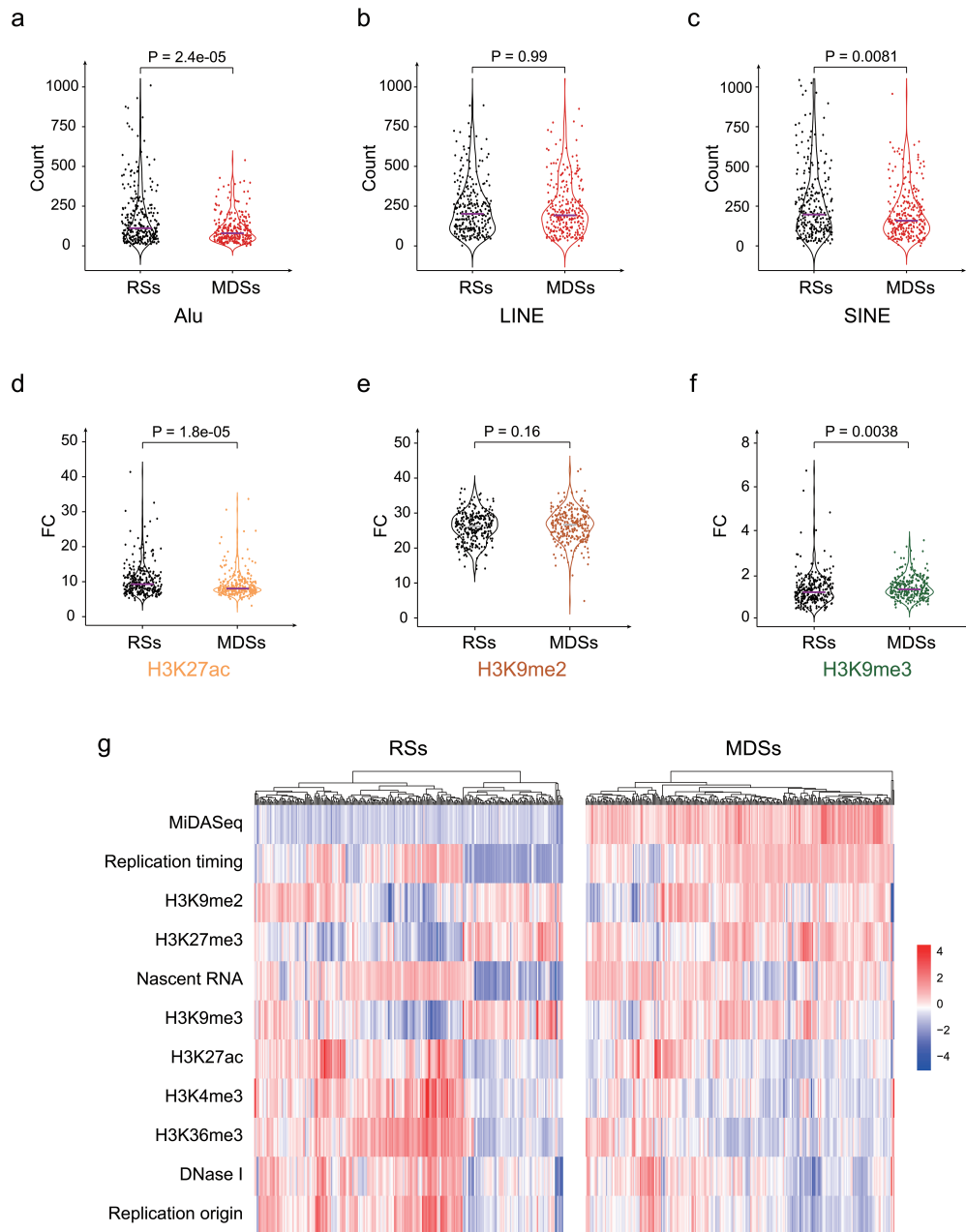


Supplementary information, Fig. S6



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a-c Violin plot showing the content of Alu element, long interspersed nuclear elements (LINEs) and short interspersed nuclear elements (SINEs) in RSs and hrCFSs. P value was determined using a Wilcoxon rank-sum test. The solid purple line denotes the median value. **d-f** Violin plots comparing the levels of H3K27ac, H3K9me2, and H3K9me3, respectively. P value was determined by

Wilcoxon rank-sum test. The solid purple line indicates the median value. **g** A general heatmap of MiDAS signal in RSs and MDSs along with other epigenetic markers and genomic features.