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**Supplementary Figure 3: Methyltransferase activity assay with Sinefungin as inhibitor**

Nuclei extract (5 μg protein per sample) was subjected to the luciferase-based methyltransferase assay. Samples without SAM served as background control. Samples with 10 μM Sinefungin revealed a reduced (-51%, p=0.02) activity, indicating the participation of the METTL3/METTL14 complex. Data are presented as mean + SEM. Statistical analysis was performed with Student’s t-test; \*, p<0.05, n=7 per measurement condition).