



S4 Fig. Analysis of Dnmt1 methyltransferase activity on nucleosomal arrays in the context of chromatin remodeling. Non-methylated or hemi-methylated free DNA or nucleosomal arrays were incubated with Dnmt1, ATP, Brg1 and ACF as indicated. The incorporation of [^3H]-labeled CH_3 was determined by scintillation counting. (D = free DNA). (A) Brg1 increases the DNA methylation efficiency on the non - and hemi-methylated nucleosomal substrate. (B) ACF stimulates DNA methylation only on hemi-methylated nucleosomal arrays.