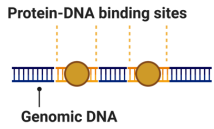
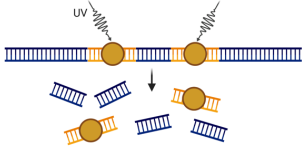


ChIP-seq



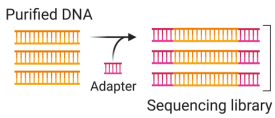
Crosslinking and DNA fragmentation



Immunoprecipitation with DNA binding protein-specific antibody

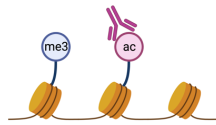


DNA purification & PCR amplification

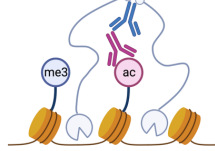


CUT&RUN

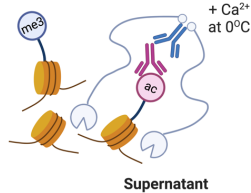
Histone mark specific antibody



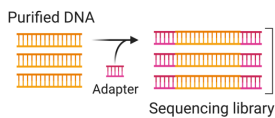
Protein A-MNase



Cleavage Under Targets and Release Using Nuclease (CUT&RUN)

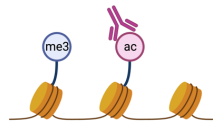


DNA purification & PCR amplification

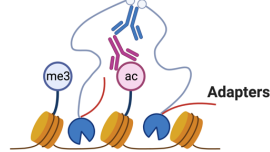


CUT&Tag

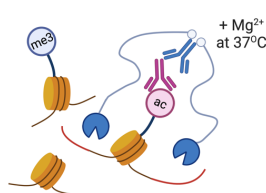
Histone mark specific antibody



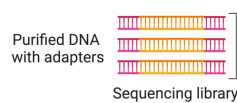
Protein A-Tn5 pre-loaded with sequencing adapters



Cleavage Under Targets and Tagmentation (CUT&Tag)

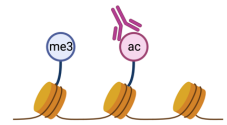


DNA purification & PCR amplification

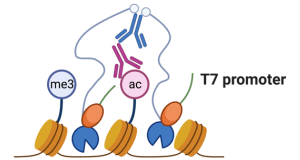


TIP-seq

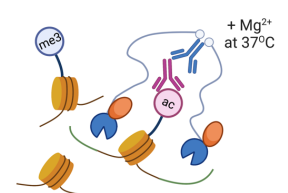
Histone mark specific antibody



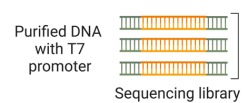
Protein A-Tn5 carries a transposon containing a T7 promoter



Targeted insertion of promoters (TIP)



DNA purification & Linear PCR amplification



Next Generation Sequencing

NGS Sequencing



Raw sequencing data processing and peak calling

