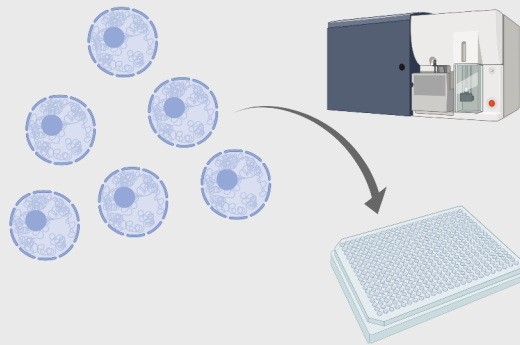
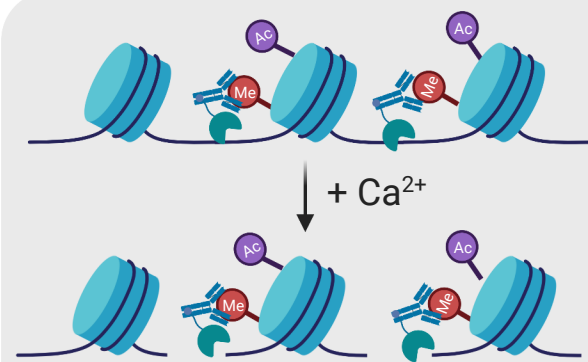


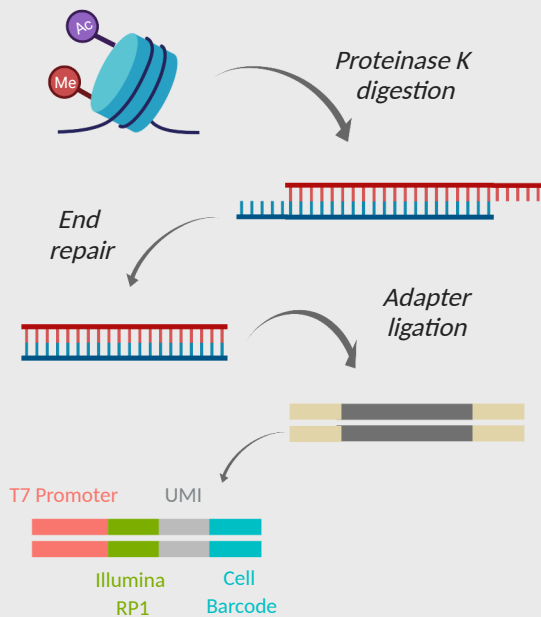
Nuclei are permeabilized and incubated with antibody-coupled MNase



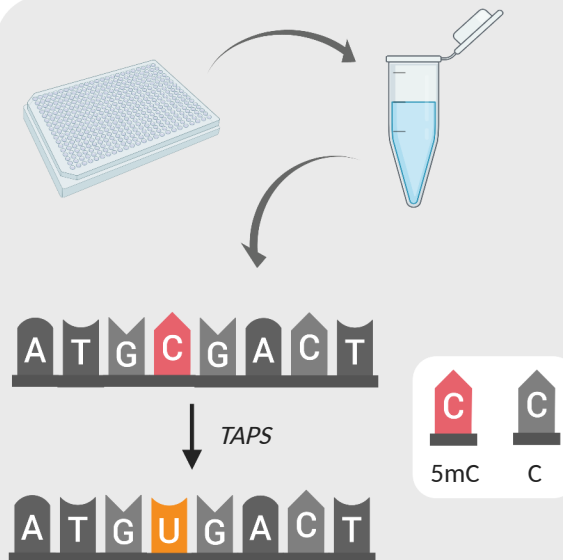
Individual nuclei are sorted into microwell plates



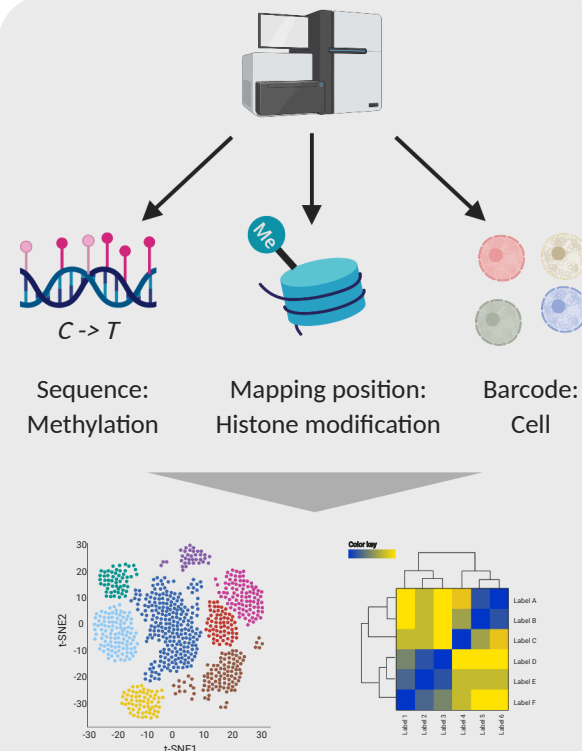
Addition of Ca^{2+} activates MNase



Single nuclei are processed in parallel to generate barcoded dsDNA fragments



After pooling, TAPS converts methylated cytosines (5mC) to DHU which is read as T. Regular cytosines are not affected.



Sequence:
Methylation

Mapping position:
Histone modification

Barcode:
Cell