

Materials & Methods For Dovetail® LinkPrep™ Kit

Ready to publish data generated using the Dovetail® LinkPrep™ Kit? Dovetail® scientists have drafted the suggested text below for referencing the use of the Dovetail® LinkPrep™ Kit in your Materials & Methods. Simply 'copy and paste' and edit the highlighted [text].

The LinkPrep™ library was prepared using the Dovetail® LinkPrep™ Kit according to the manufacturer's protocol. Briefly, the chromatin was fixed with disuccinimidyl glutarate (DSG) and formaldehyde in the nucleus. The cross-linked chromatin was then fragmented and tagged with Tn5 transposase in situ. Next, the cells were lysed to extract the chromatin fragments, which were subsequently bound to Chromatin Capture Beads. Proximity ligation was then performed, whereby chromatin fragments that were in proximity to one another were ligated together. After proximity ligation, the crosslinks were reversed, the associated proteins were degraded, and the DNA was purified and converted into a sequencing library. The library was sequenced on an Illumina [] platform to generate [X] million 2 x [XXX] bp read pairs.