

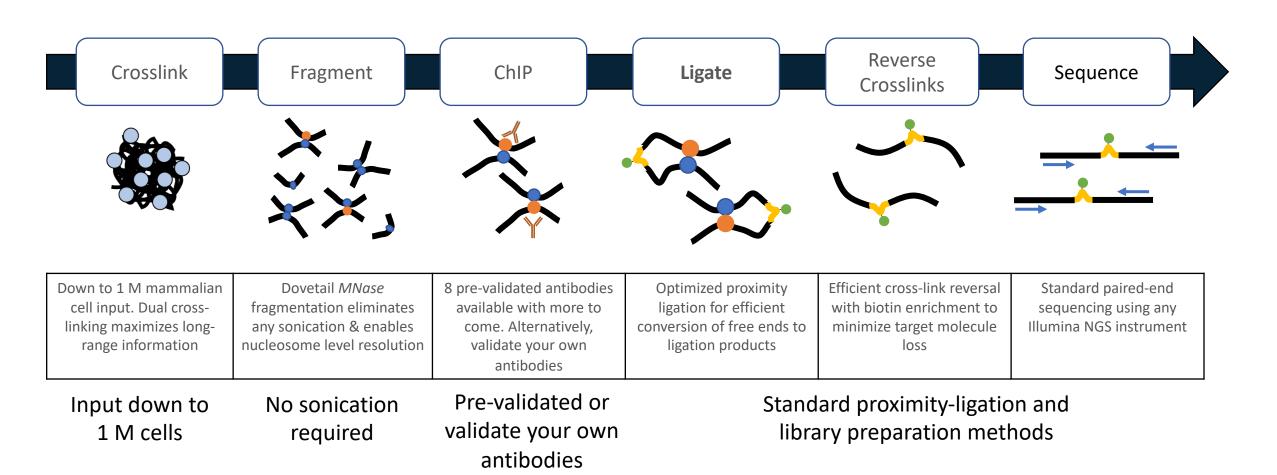


Investigate protein-directed chromatin architecture with Dovetail™ HiChIP MNase Kit

Cory Padilla, Ph.D. Scientific Affairs, Dovetail Genomics

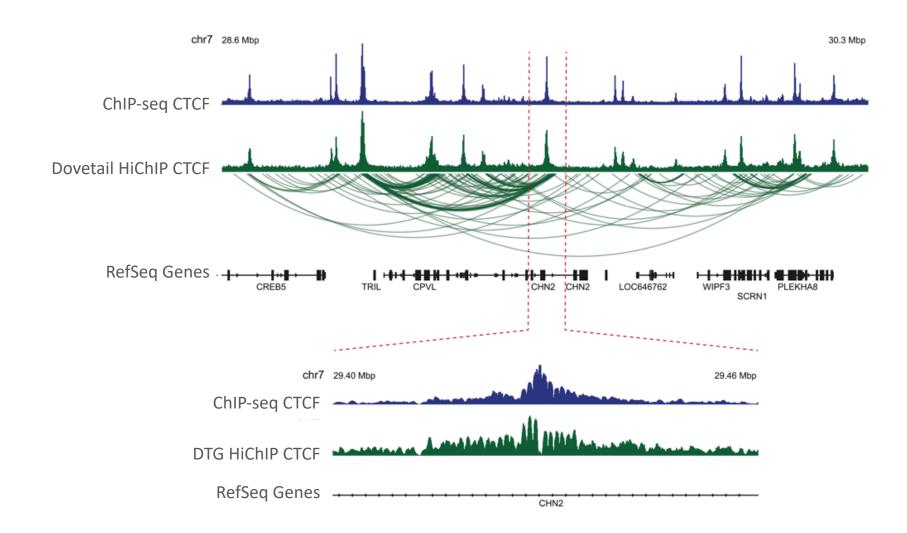
Dovetail[™] HiChIP Workflow Combines Hi-C and ChIP-seq





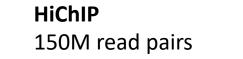
Capture ChIP-seq Data & Hi-C Long-range Information In A Single Library

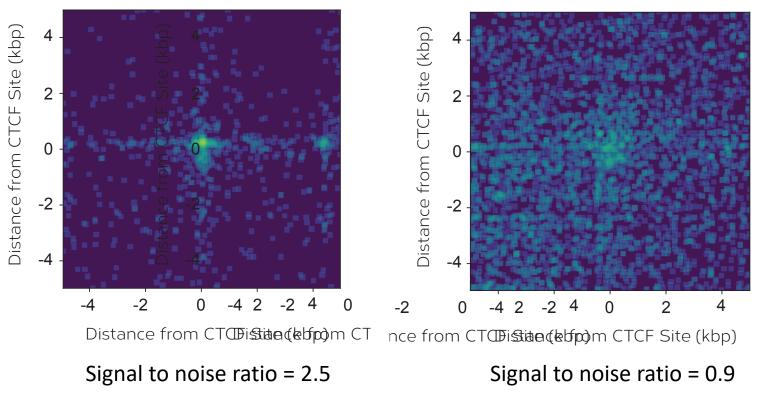




Increased signal to noise ratio while decreasing sequencing cost







Multi-RE Hi-C

800M read pairs

Signal to noise ration is calculated by: the mean coverage of the top 25 percentile over target sites divided by the coverage (top 25 percentile) over non-target sites normalized to IgG

Dovetail GENOMICS An EdenRec Sciences Company

Easy Adoption With Pre-Validated Antibodies

Validated Antibodies	Future Antibodies
CTCF	Sox2
H3K27ac	Nanog
H3K4me3	Oct4
H3K27me3	KLF4
H3K36me3	PRC
H3K4ac	Suz12
PolII	Smc1
Smc3	

Or validate your own antibodies following the validation steps provided in the Dovetail[™] HiChIP *MNase* Kit