

Unlock 3D Genomics With The Dovetail® TopoLink™ Assay

The next generation Hi-C assay



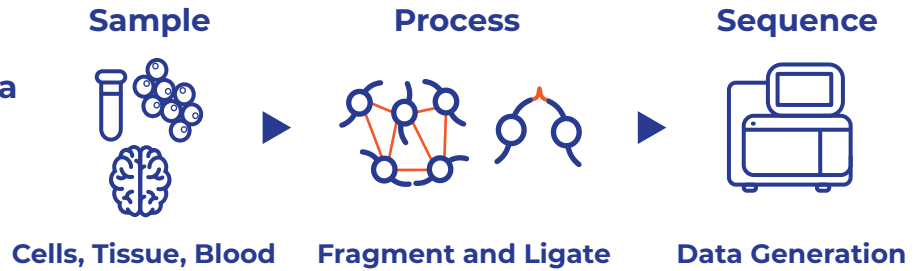
Revolutionize your understanding of gene regulation and biological processes through the power of 3-dimensional DNA organization.



How TopoLink Works

Capture genomic structure in NGS data

Through a few simple steps, generate a NGS library that can be processed through standard genomic analysis tools, with no specialized training or equipment required.

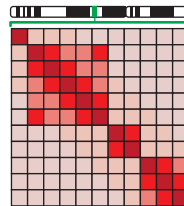


What TopoLink Provides

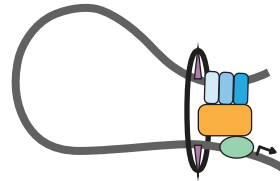
Identify expression mechanisms

Generate quantitative links between drivers of expression, such as transcription factors or single nucleotide variants (SNVs), to cognate gene promoters through chromatin structure.

Chromatin Structure



Transcription Factor Dynamics



SNV/VUS Annotation



Who TopoLink is For

From disease drivers to therapy

Apply 3D genomics powered insights to better understand, monitor, and treat diseases. Identify and describe novel drivers across a broad range of phenotypes including: cancer, neurological disorders, autoimmune diseases, and more.

Genome Function



Gene Regulation
Enhancer-Promoter Interactions
Chromatin State

Mechanisms of Human Health and Disease



Oncology
Neurobiology
Developmental Disease

Therapeutic Advancement



Biomarker Development
Accelerated Target ID
Cohort Stratification

Why Choose TopoLink

Unparalleled access to the 3D genome

The TopoLink assay provides value across the 3D genomics workflow, delivering best-in-class data and meaningful biological insights. The TopoLink chemistry prioritizes data quality to ensure accuracy and reproducibility while offering significant reduction in overall experiment cost.

Unbiased Data



Capture more information across more of the genome

Improved Accuracy



Ensures the most accurate position of feature calls

Reduced Cost



Significant savings across entire experiment design

Time Saving



Spend more time on the biology, not at the bench



Catalog #: 21010