Dovetail GENOMICS
Part of Cantata Bio, LLC

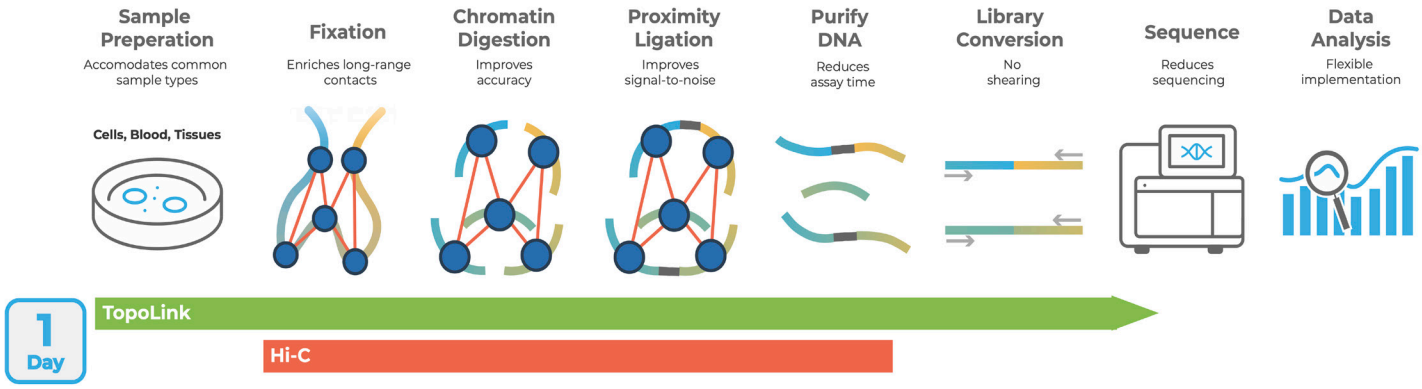
Accelerate Your Hi-C Studies

with the Dovetail® TopoLink™ v2 Assay

Fastest Hi-C Workflow • **Reduced Sequencing** • **Improved Accuracy**

Accelerate Your Hi-C Studies

Powered by novel LinkPrep™ chemistry, the Dovetail® TopoLink™ Assay addresses one of the most challenging hurdles in Hi-C data generation – assay length and difficulty. The Dovetail® TopoLink™ workflow enables users to go from sample to sequence-ready library in less than a day.

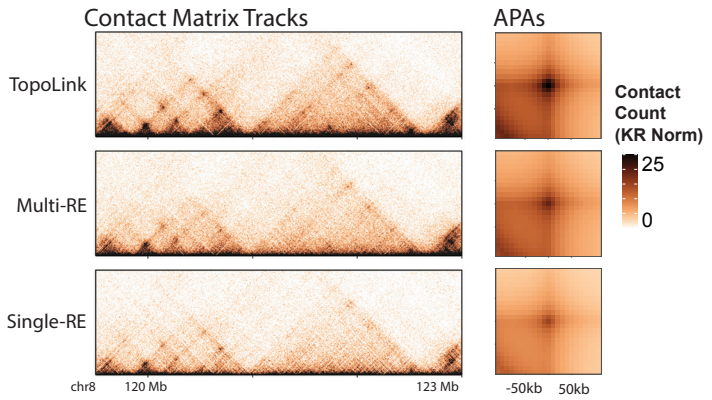


See More - Sequence Less

Detect more TADs and loops compared to traditional Hi-C. Moreover, detected features have higher read support resulting in high-confidence feature calling even at reduced sequencing depths. As a result, fewer libraries and less sequencing are required simplifying experimental design and execution.

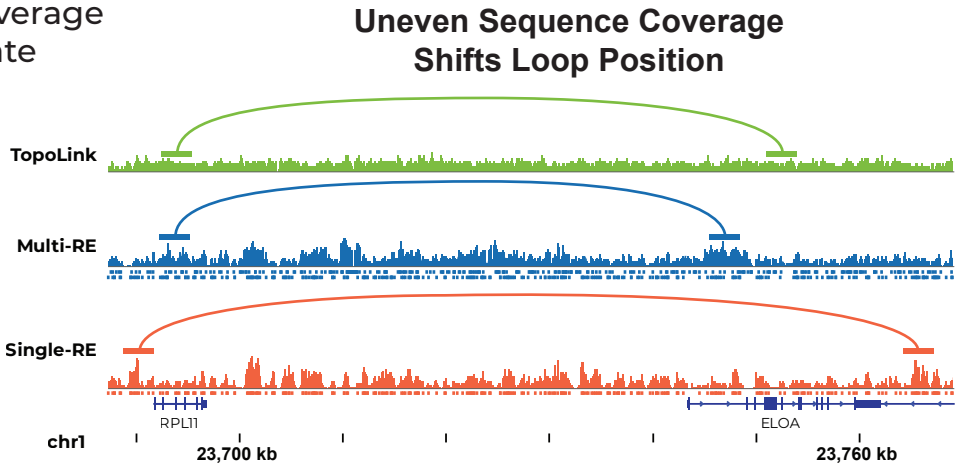
	TopoLink	Hi-C
Required Input (cells)	1 Million	2-5 Million
Total Assay Time	1 Day	2-3 Days
Required Proximity Ligation Reactions	1	3 - 4
Required # Libraries	3	6 - 8
Required Read Pairs For Loop Detection	800 Million	1.2 - 1.6 Billion
TADs Called	5,179	2,386
Loops Called	19,253	9,071 - 12,899

Generate High Quality Contact Matrices and Improve Feature Detection



Unbiased Genomic Coverage Equals Improved Accuracy

Our uniform sequence coverage produces the most accurate chromatin interaction map possible. Where the non-uniform restriction enzyme site distribution associated with traditional Hi-C methods often skews signals, you can be confident in the position of interactions detected by the Dovetail TopoLink Assay.



Order Now

The Dovetail TopoLink Kit supports all steps from sample preparation through to sequencing library generation – there is no need to purchase a separate library preparation kit.

Part Number	21010
# Reactions	8
# Libraries per sample	3 (24 total library conversions)
Supported Samples	Mammalian Cells, Tissue, Blood

Quality Control

Actionable Data

Integratable Outputs

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