

mission bio

# Mission Bio Tapestri™ Platform

CLONAL DIVERSITY REVEALED

*Moving precision medicine FORWARD.™*



# Tapestri: The Precision Genomics Platform™

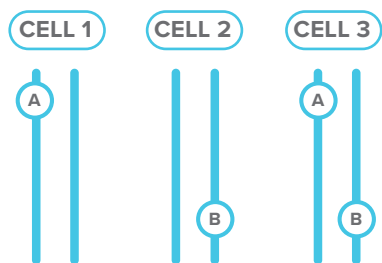


## Move Beyond Bulk NGS to Precision Genomics

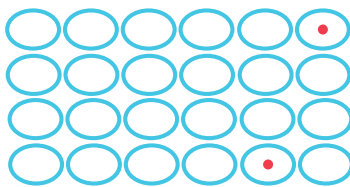
### SEE WHAT YOU'VE BEEN MISSING

The average read-out from conventional bulk sequencing misses the rare events and underlying genetic diversity within and across cell populations. To resolve heterogeneity and improve patient stratification, therapy selection, and disease monitoring we need insights into mutation co-occurrence cell population, and zygosity within every single cell.

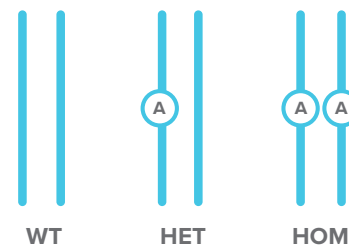
### THE POWER OF SINGLE-CELL DNA ANALYSIS



Identify Co-occurrence

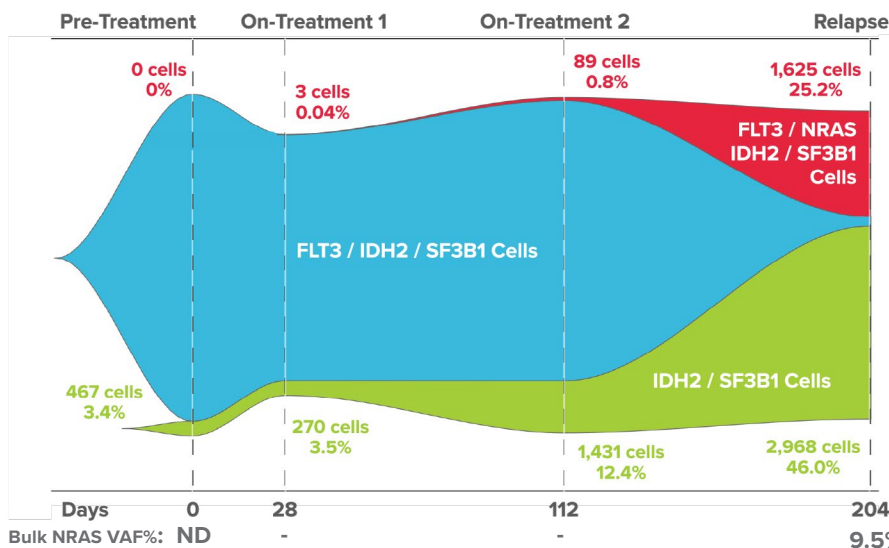


Detect Rare Cell Population



Measure Zygosity

### CLONAL RESOLUTION WITH SINGLE-CELL PRECISION



"Single-cell DNA analysis allows us to actually observe the clonal composition of cancer, instead of guessing at it. This opens up the possibility of being able to make dynamic changes in treatment."

- Catherine Smith, MD



Bulk sequencing is unable to detect mutation co-occurrence and clonal evolution.

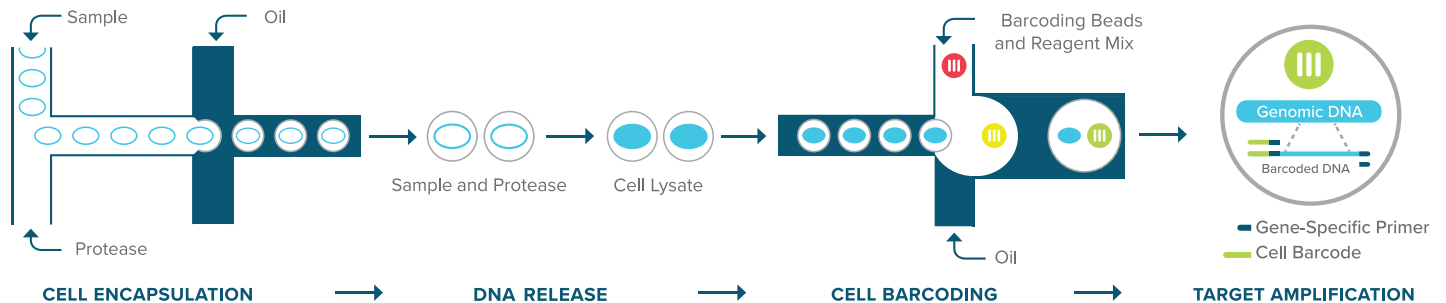
# High Throughput Single-Cell DNA Analysis

## Complete, Flexible, Scalable

The Tapestri Platform enables targeted single-cell DNA analysis at unprecedented speed and scale. Researchers now have a highly sensitive and customizable solution with insightful data analysis and visualization capabilities.

### HOW TAPESTRI WORKS

Novel Droplet Microfluidics To Access DNA

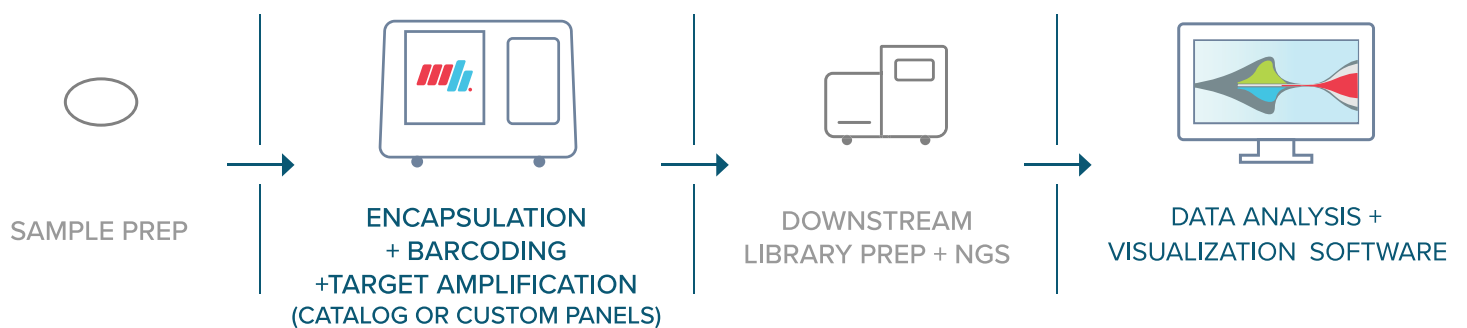


## Built for Routine Use

### FITS SEAMLESSLY INTO YOUR EXISTING WORKFLOWS

Use our instrument, reagents and consumables up-front of your NGS system and then use our Tapestri Insights Software for data analysis and visualization.

### THE TAPESTRI WORKFLOW



## Platform Features

- Targeted & accurate SNVs & indel variant calling
- Single-cell DNA throughput up to 10,000 cells
- Simple workflow
- Powerful analysis with intuitive software
- Customizable & flexible content
- Universal nuclei isolation protocol

# Targeted Panels For Precision Discoveries

The Tapestri Platform runs targeted Single-Cell DNA Panels with catalog and customizable content, so you can focus on the mutations and regions of interest that are most informative for your disease research. Panel applications include hematologic malignancies, solid tumor profiling, and genome editing.

It's the ability to understand heterogeneity at the single-cell level that is poised to **help move precision medicine forward.**

## Universal Nuclei Isolation Protocol

- Compatible with any tissue type
- Demonstrated throughput: 4000-1200 cells

Cell lines	Prostate tumor	Pancreatic tumor
PBMCs	Astrocytoma	Lung met from melanoma
Bone marrow	Glioblastoma multiforme	Liver metastasis from melanoma
Breast tumor	Chest wall soft tissue met from melanoma	Normal liver
Lung tumor		
Colorectal tumor		

## Intuitive Software

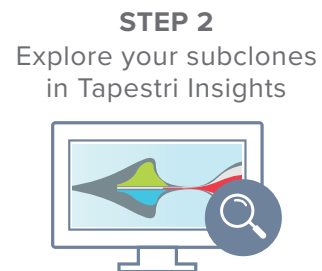
### Resolve Your Complex Clonal Questions

With Tapestri Insights, Mission Bio offers a complete software solution for single-cell DNA analysis.

From sequence import to data analysis and visualization, our turnkey software ensures you gain meaningful insights to advance your discoveries.

#### WHAT'S INCLUDED

- Complete Solution
- Easy user interface
- Rapid analysis



TAPESTRI PLATFORM COMPONENTS	PART NUMBER	CONTACT US
Tapestri Instrument	191335	Mission Bio, Inc. 6000 Shoreline Court, Suite 104 South San Francisco, CA 94080 + 1.415.854.0058
Tapestri Single-Cell DNA Cartridge Kit	046459	<a href="mailto:info@missionbio.com">info@missionbio.com</a> <a href="http://www.missionbio.com">www.missionbio.com</a>
Tapestri Single-Cell DNA Catalog Panel Kits	<a href="http://missionbio.com/panels/catalog-panels/">missionbio.com/panels/catalog-panels/</a>	
Tapestri Single-Cell DNA Custom Panel Kits	<a href="http://missionbio.com/panels/custom-panels/">missionbio.com/panels/custom-panels/</a>	

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