



Mission Bio Tapestri® Platform

The only single-cell multi-omics solution for simultaneous detection of SNVs, CNVs and proteins from the same cell.



Moving precision medicine FORWARD.



Single-Cell Multi-Omics

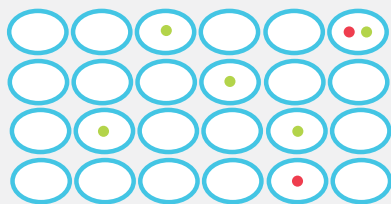
High-Throughput Single-Cell DNA + Protein Analysis

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

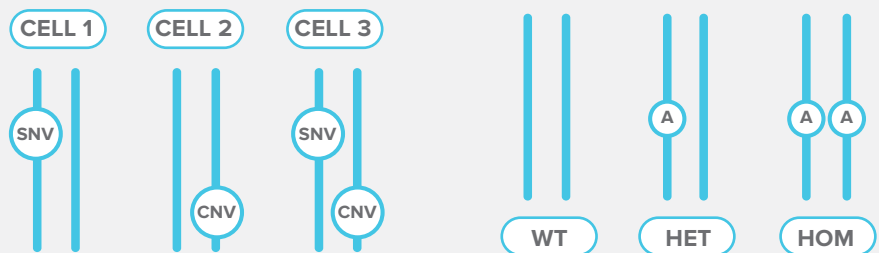


THE POWER OF SINGLE-CELL DNA ANALYSIS

● DNA ● Protein



Detect Rare Cell Populations



Identify Co-occurrence

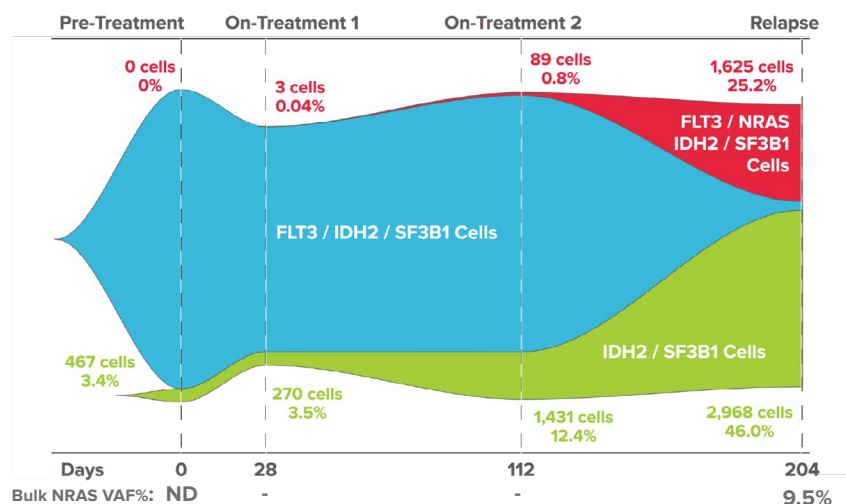
Measure Zygosity

"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



CLONAL RESOLUTION WITH SINGLE-CELL PRECISION



Single-cell sequencing detects mutation co-occurrence and clonal evolution. Figure adapted from McMahon et. al., Cancer Discovery, 2019.

Tapestri Platform Features

SNV, indel, CNV
and LOH calls
from DNA

Simultaneous protein
expression for true
multi-omic data

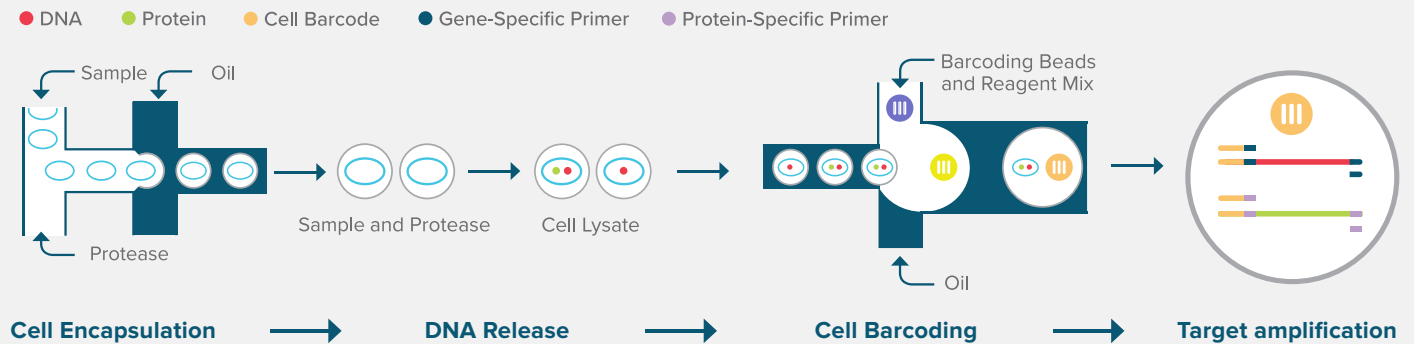
Targeted
customizable
content

Simple and
comprehensive
workflow

Single-cell
throughput up to
10,000 cells

Powerful analysis
with intuitive
software

HOW TAPESTRI WORKS



Fits Seamlessly Into Your Existing Workflows

Use the Tapestri instrument, reagents and consumables up-front of your NGS system and then Tapestri Pipeline and Insights software for data analysis and visualization.

THE TAPESTRI WORKFLOW



Targeted Panels For Precision Discoveries

Run 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. In addition, oligo-tagged protein antibodies can be added to your Tapestri experiments to uncover true multi-omic information from thousands of single cells. Applications include hematologic malignancies, solid tumor profiling, genome editing, or anything of interest using your custom-designed solution.

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

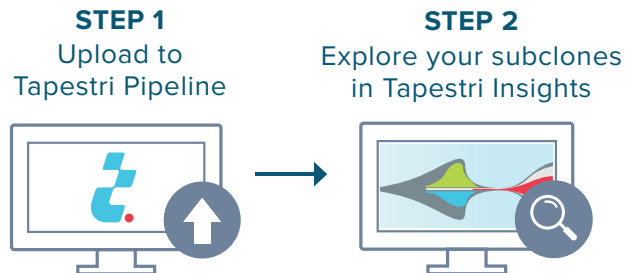
UNIVERSAL NUCLEI ISOLATION PROTOCOL

- Compatible with any tissue type
- Throughput up to 10,000 cells or nuclei

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

With Tapestri Pipeline and Insights software, Mission Bio offers a complete software solution for single-cell DNA and protein analysis. From sequence import to data analysis and visualization, our turnkey software ensures you gain meaningful insights to advance your discoveries.



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 info@missionbio.com www.missionbio.com
Tapestri Single-Cell DNA Cartridge Kit	046459	
Tapestri Single-Cell DNA Catalog Panel Kits	missionbio.com/panels/catalog-panels/	
Tapestri Single-Cell DNA Custom Panel Kits	missionbio.com/panels/custom-panels/	

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