



Mission Bio Tapestri Platform

Unravel cancer's complexity

The Tapestri® Platform is the world's first and only single-cell solution that provides both genotype and phenotype data from the same cell.

To resolve cancer heterogeneity and improve patient stratification, therapy selection, and disease monitoring, you need a tool that provides a holistic view of a cell, integrating data across multiple dimensions.

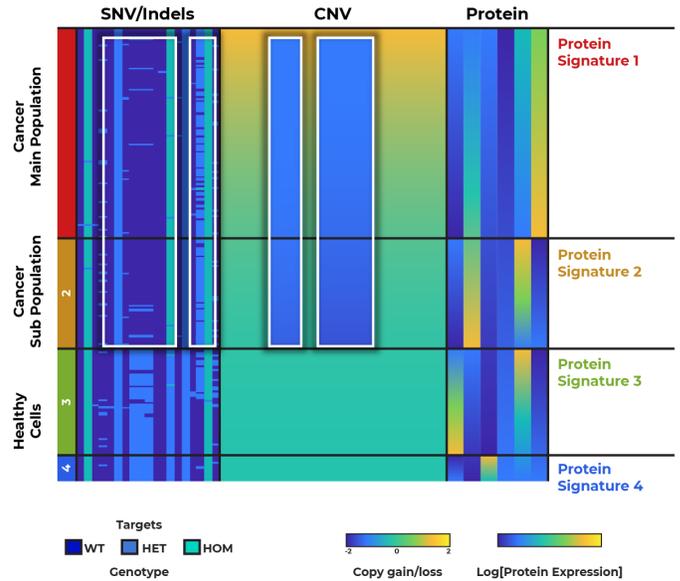


Figure 1 - The power of single-cell multi-omics. Combining genotype and phenotype data from single cells offers the resolution for uncovering unique disease signatures for personalized therapeutics

High-throughput single-cell multi-omics solution

The Tapestri Platform enables targeted single-cell DNA and protein analysis at unprecedented speed and scale. Use the Tapestri instrument, reagents and consumables up-front of your NGS system followed by Tapestri Pipeline and Tapestri Insights software for data analysis and visualization.

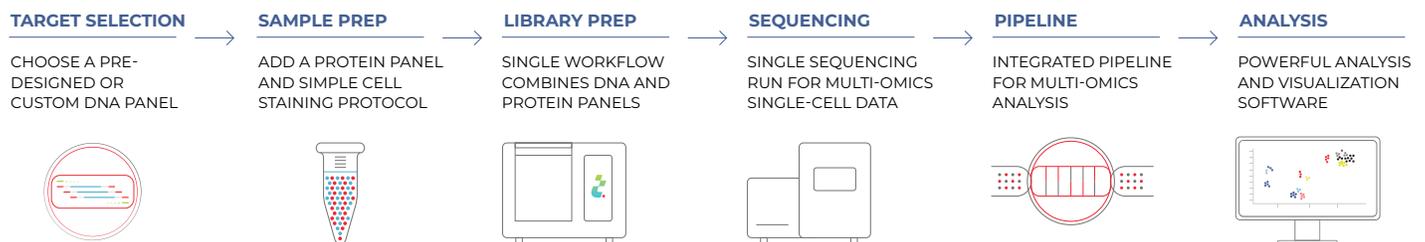


Figure 2 - Multi-omics DNA and protein Tapestri workflow.

Targeted, customizable panels for key oncology applications

Tapestri Single-cell DNA Panels allow you to focus on the mutations and regions of interest that are most relevant to your disease research. Tapestri Single-cell DNA panels are available as pre-designed or custom panels.

Oligo-tagged protein antibodies can be integrated to your Tapestri experiments to enable concurrent measurement of proteins, uncovering both genotypes and phenotypes from the same cell.

HEMATOLOGY DNA PANELS

- Acute myeloid leukemia
- Myeloid
- Chronic lymphocytic leukemia
- Acute lymphoblastic leukemia
- T-cell lymphoma
- Mantle cell lymphoma
- Myelodysplastic syndrome
- Multiple myeloma
- Myeloproliferative neoplasms
- Chronic myeloid leukemia
- Follicular lymphoma
- Classic Hodgkin's lymphoma
- Diffuse large B-cell lymphoma

SOLID TUMOR DNA PANELS

- Tumor Hotspot
- Breast invasive carcinoma
- Lung squamous cell carcinoma
- Colon adenocarcinoma
- Liver hepatocellular carcinoma
- Lung adenocarcinoma
- Glioblastoma multiforme
- Ovarian serous cystadenocarcinoma
- Prostate adenocarcinoma
- Skin cutaneous melanoma
- Kidney renal clear cell carcinoma
- Pancreatic adenocarcinoma

HEMATOLOGY PROTEIN PANELS

- TotalSeq™-D Heme Oncology Cocktail

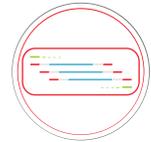
Approximate number of sequencing reads recommended

(80x average coverage per amplicon per cell and 2x150bp paired-end sequencing)

	Number of amplicons in panel		
	50	150	300
5,000 Cells	20M	60M	120M
10,000 Cells	40M	120M	240M

Custom DNA panels

With the simple and intuitive interface of Tapestri Designer, your custom design is completed within minutes. Primer design algorithms and multiplex PCR biochemistry have been optimized for the Tapestri Platform, so you can be confident of high design coverage and high panel uniformity.

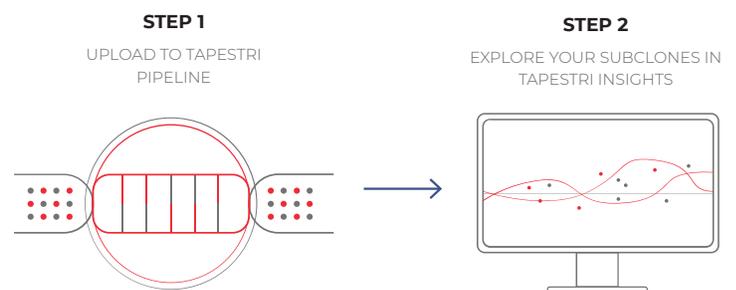


Custom oligo-conjugated antibodies

Custom service for DNA oligo-conjugated antibodies. Contact a representative today to get started.

Intuitive software

Tapestri Pipeline and Tapestri Insights software solutions provide a streamlined bioinformatics workflow optimized for single-cell DNA and protein analysis. From sequence import to data analysis and visualization, our turnkey analysis solutions ensure that you gain meaningful insights to advance your research.



CONTACT US TO LEARN MORE

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