

End-to-End Services

Spatial Transcriptomics

Omics Empower has supported 500+ publications with end-to-end single-cell and spatial transcriptomics services. Backed by experience across 55,000+ samples, 400+ tissue types, and 60+ plant species, we help researchers generate reliable data and meaningful biological insights.

➤ Supported Platforms

- 10x Visium V2
- 10x Visium HD
- 10x Xenium
- STOmics Stereo-seq



➤ Applicable Fields



Medical Research

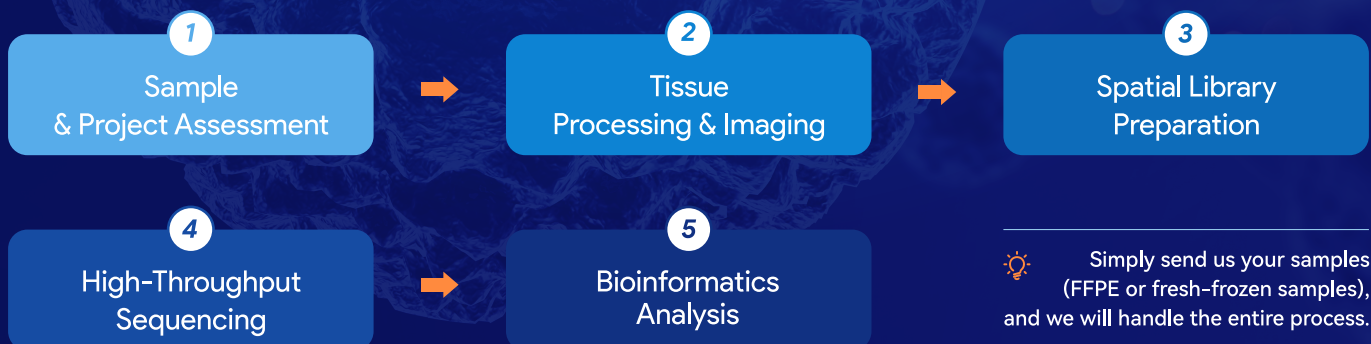


Agriculture & Animal Science



Biotechnology

➤ Our Process Workflow





Which Spatial Platform Fits Your Study?

	10x Visium V2	10x Visium HD V3		STOmics stereo-seq V1.3	STOmics stereo-seq V1.1	10x Xenium
Core Principle	Probe-based in situ capture	Probe-based in situ capture	Poly(A)	Poly(A)	Random Primers	In situ hybridization (multi-round fluorescence imaging)
Species Type	Human and mouse	Human and mouse	All Species	All Species	All Species	Human and mouse+Special Species Customization
Sample Type	FF/FxF/FFPE	FF/FxF/FFPE	FF	FF	FFPE	FF/FFPE
Resolution	55µm 1-10 cells	2µm 1 cell	2µm 1 cell	500nm 1 cell	500nm 1 cell	0.22µm
Capture Area (chip)	6.5 × 6.5mm 11 × 11mm	6.5 × 6.5mm	6.5 × 6.5mm	5 × 5mm 10 × 10mm	5 × 5mm 10 × 10mm	10.45 × 22.45mm

➤ Featured Publications

Year	Journal	Title
2025	Cell	Tumor-produced ammonia is metabolized by regulatory T cells to further impede anti-tumor immunity
2025	Nature	Oncolytic virus VG161 in refractory hepatocellular carcinoma
2024	Nature	Biotechnology Decoder-seq enhances mRNA capture efficiency in spatial RNA sequencing

Contact us

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