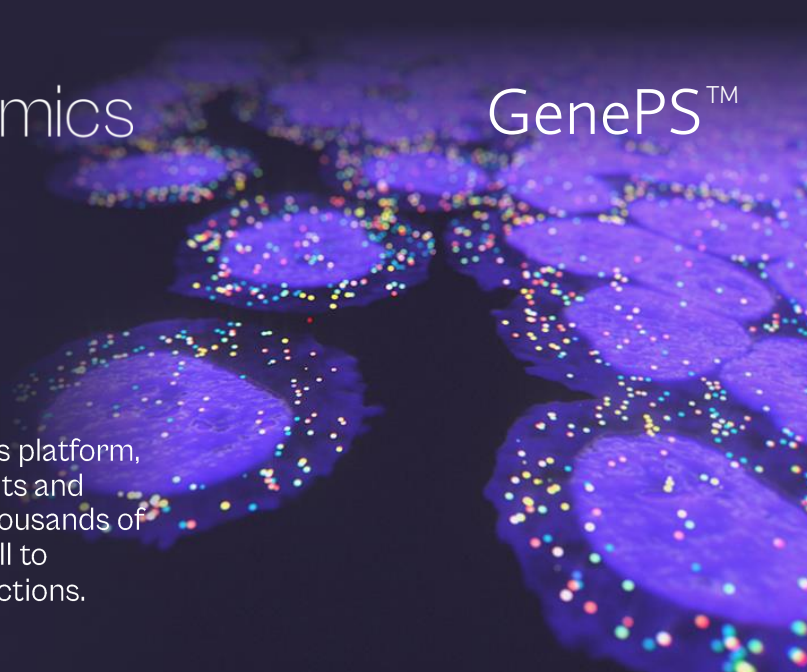




GenePS is an advanced spatial genomics platform, capable of highly multiplexed experiments and simultaneous analysis of hundreds to thousands of genes and many proteins from single-cell to subcellular resolution in intact tissue sections.





Category	Feature	Specification
Instrument	Imaging modes	Fluorescence, brightfield
	Imaging area	Up to 1 cm ²
	Magnification	40x, 60x
	Lateral pixel resolution	~100 nm
	Imaging lasers	Violet, Blue, Green, Red
	Data storage capacity	24 TB
	Sample type	Fixed cells or tissue section - prepared per protocol
	Sample capacity	One slide per run
	Regions of interest	User selects one or more per experiment
	Instrument dimensions	41" x 25" x 33" / 105 cm x 63 cm x 83 cm (width x depth x height; includes monitor)
	Instrument weight	320 lbs / 145 kg
	Power	100-240 VAC, 50/60 Hz
	Reagents	Multiplexity
Standard kits		Pre-designed gene expression kits available
Custom kits		Custom kit design possible
Supported biomolecules		RNA, protein
Supported organisms		Human and mouse (typical); other organisms (custom)
Software	Custom control software	Available on instrument
	Preliminary data processing	Performed on instrument
	Data analysis tools	Off-instrument suite available for data analysis and visualization

What will you discover?

Contact us at info@spatialgenomics.com to get started.

