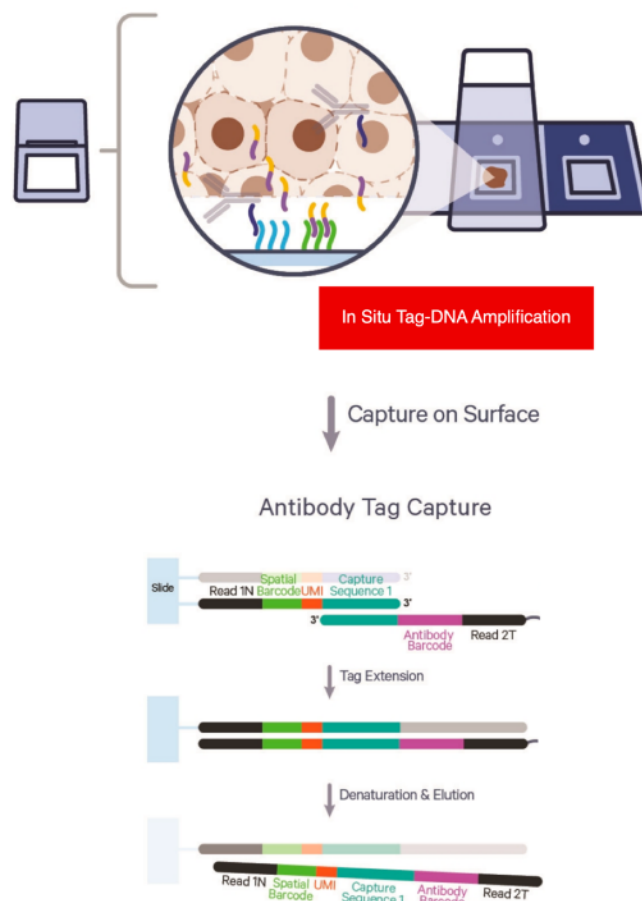


Sequencing-based Spatial Proteomics with **Tag Amplification**

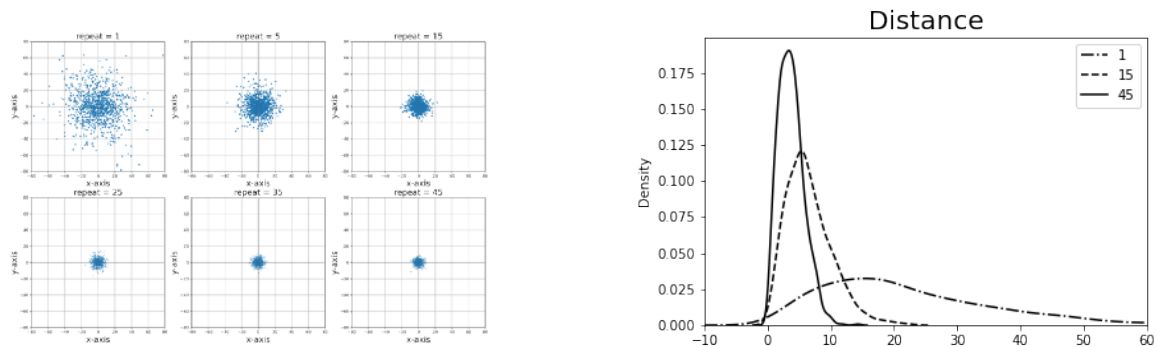


How it works

We have developed a novel sequencing-based spatial proteomics technique using sequencing-based spatial transcriptomics platforms such as Visium from 10x Genomics or Stereo-seq from Complete Genomics.

This new technology achieves high resolution, high sensitivity, and high throughput through an additional in situ Tag-DNA amplification step.

After tag amplification, the same tag is captured multiple times. Statistically analyze this information to predict the final spatial location. It overcomes the lateral diffusion of Tag-DNA.



Why Sequencing-based Spatial Proteomics?

Superior advantage:	
High Throughput	Detect > 1000 Biomarkers
High resolution	Single Cell
High sensitivity	Single protein
Easy Operation	