

Explore protein data at scale

with Illumina Connected Multiomics

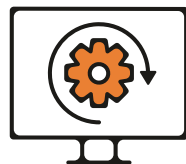


Illumina Connected Multiomics enables researchers to explore protein data at scale and perform multimodal and multiomic analysis without the need for advanced bioinformatics expertise. With an easy-to-use graphical user interface, Connected Multiomics provides users with access to powerful statistical algorithms and publication-ready visualizations.



Deeper Biological Context

Identify meaningful biological patterns and accelerate discoveries with greater confidence



Interactive visualizations and intuitive interface

Illuminate biological findings with information-rich and publication-ready visuals

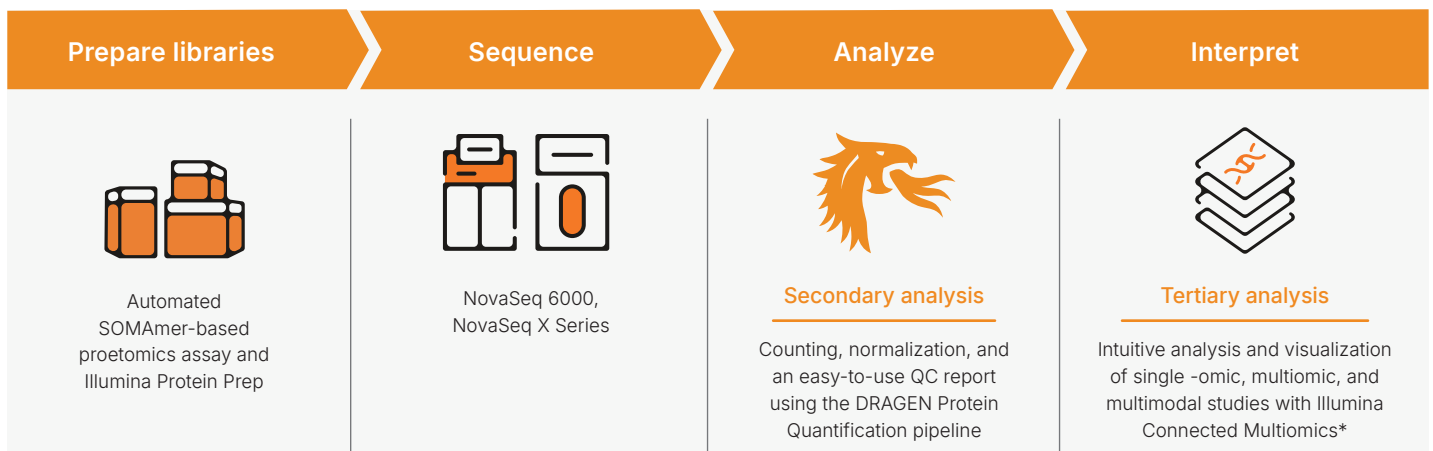


Scalability and Flexibility

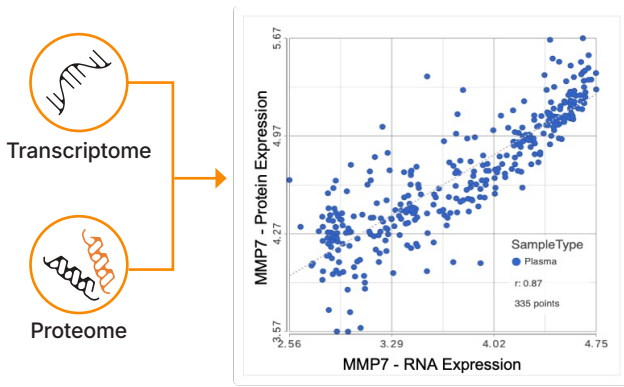
Power your proteomic workflows, with robust infrastructure and analysis for multiomic and multimodal studies

A single workflow that integrates Illumina protein prep kits and sequencers, to take biological studies from sample preparation to data interpretation.

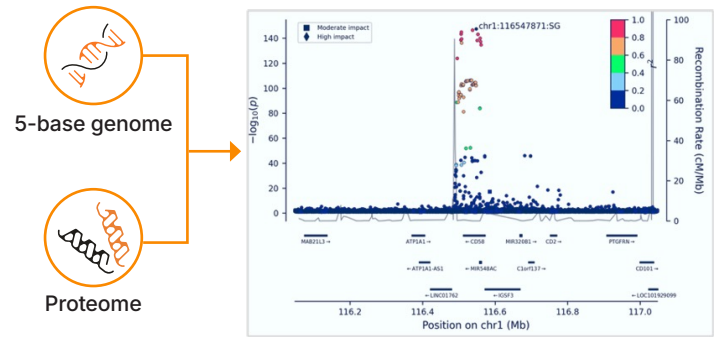
Start with an Illumina protein prep kit and your preferred [Illumina high-throughput sequencing system](#), then leverage the power of [Illumina DRAGEN](#) for secondary analysis, followed by filtering, differential analysis, and biological interpretation in Illumina Connected Multiomics. Streamline your proteomic discovery with sample preparation, sequencing, analysis, and interpretation with a single-vendor workflow.



Build multiomic visualizations for deeper insights*



Proteomics and bulk RNA data from paired samples can be analyzed together



Proteomics and genomics or epigenomics data enables identification of cis- and trans-pQTLs

*Available Q4 2025

Advanced features include:



Filter samples



Perform dimension reduction



Cluster analysis



Correlation and similarity analysis



Identify differential protein expression



Biological interpretation with pathway analysis

800.809.4566 toll-free (US) | +1.858.202.4566 tel
techsupport@illumina.com | www.illumina.com



Learn more



Request demo

For Research Use Only. Not for use in diagnostic procedures.

2025 Illumina, Inc. All rights reserved. All trademarks are the property of Illumina, Inc. or their respective owners. For specific trademark information, see www.illumina.com/company/legal.html. M-GL-03500

illumina®