



## Next-Gen Protein Sequencing

Innovative enhancements since 2022 breakthrough



FYW



LIV



R

### Science

Quantum-Si's first *Science* publication using three N-terminal amino acid recognizers and aminopeptidase

Oct  
2022



AS



NQ

**V1 Kit** – Quantum-Si launches five N-terminal amino acid recognizers, increasing coverage of the proteome

Mar  
2023



E

**V2 Kit** – Additional recognizer, along with kit and software improvements, to enable deeper discoveries of proteins

Feb  
2024



DE

**V3 Kit** – Enhancements in recognizers, chemistry, and software add even more proteome coverage

Aug  
2024



GAS



X-prolyl  
aminopeptidase

**V4 Kit** – Addition of a prolyl aminopeptidase and enhancements in recognizers, chemistry, and software enable deeper insights and expanded proteome coverage

Sep  
2025

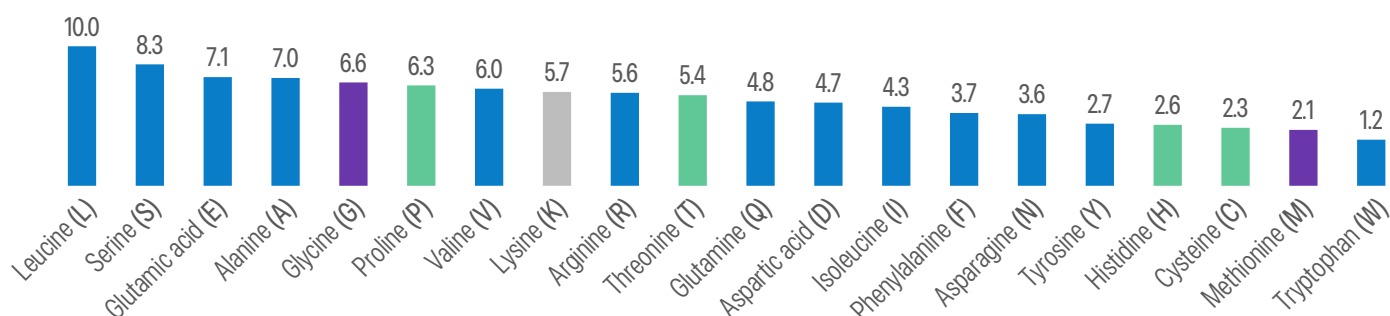


NQM

**V4 Kit** – Enhancements in software add the detection of methionine

Dec  
2025

### Percentage of each amino acid in human proteome



● Current recognizers ● New recognizers ● AAAs future expansion ● Employs lysine digestion