

## Next-Generation Protein Sequencing™

Enhancements Since 2022 Breakthrough



FYW

LIV

R

### Science Publication

QSI's first science publication using three N-terminal amino acid recognizers

Oct 2022

Science



AS

NQ

### Version 1 Kit

QSI launches five N-terminal amino acid recognizers, increasing coverage of the proteome

Mar 2023



E

### Version 2 Kit

QSI launches additional recognizer, along with kit and software improvements, to enable deeper discoveries of proteins

Feb 2024



DE

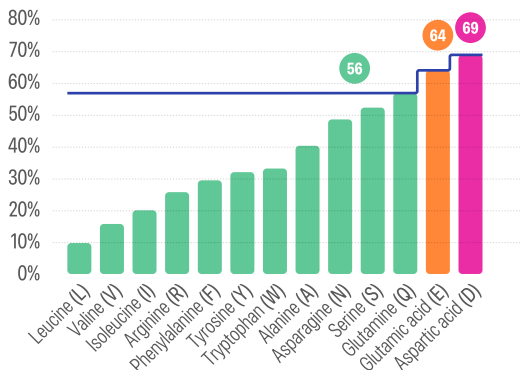
### Version 3 Kit

Enhancements in recognizers, chemistry, and software add even more proteome coverage

Aug 2024

### Recognition Progress

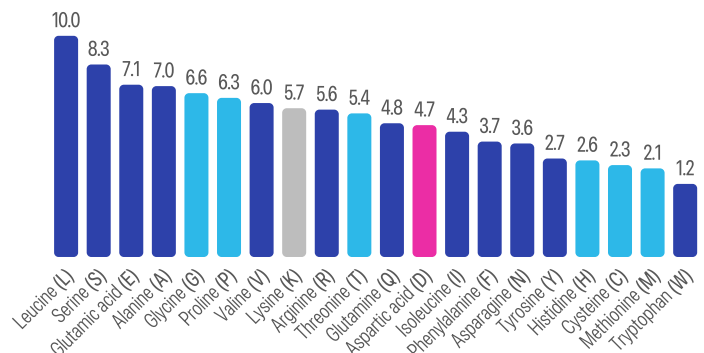
Human proteome AA prevalence with recognizers



● V1 Launch – 03/23    ● V2 Launch – 02/24  
● V3 Launch – 08/24

### Abundance of D in Human Proteome

Percentage prevalence of each amino acid



● Current Recognizers    ● Aspartic Acid  
● AAs Future Expansion    ● Employs Lysine Digestion