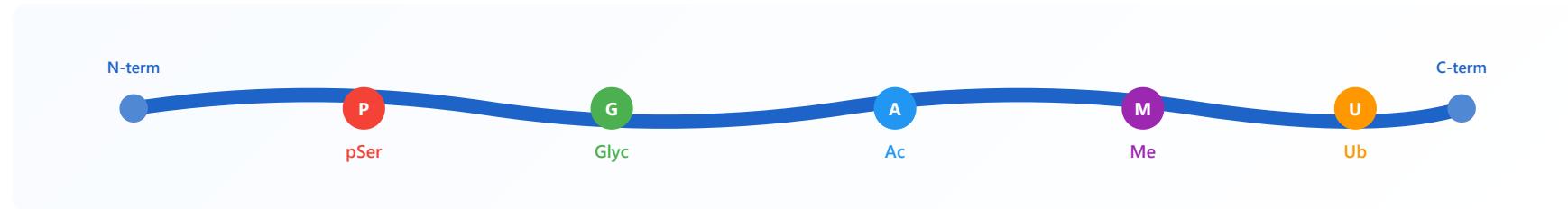


PTM Analysis



Phosphorylation Sites

- Ser/Thr/Tyr phosphorylation
- Enrichment with TiO₂/IMAC
- Site localization algorithms

Glycosylation Patterns

- N-linked and O-linked glycans
- Heterogeneous modifications
- Deglycosylation strategies

Acetylation/Methylation

- Lysine modifications
- Histone PTMs
- Epigenetic regulation

Enrichment Methods

- Immunoprecipitation
- Affinity chromatography
- Chemical derivatization