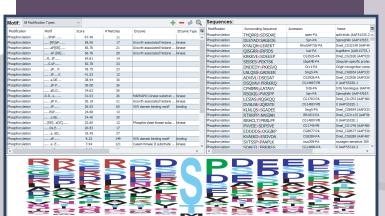


## Illuminating the World of Protein Post Translational Modifications

## **Evaluate modification site**

assignment confidence using Ascore and Ascore-derived probabilities



Annotate motifs reported in the literature and associate specific enzymes and kinases with PTM sites

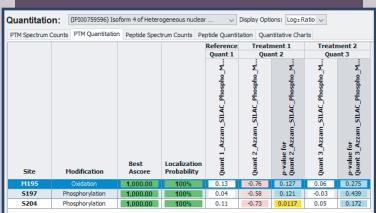
Compare samples with modified spectra using differential expression

Export quantitative data from Scaffold Q+S and analyze it at the modsite level in Scaffold PTM

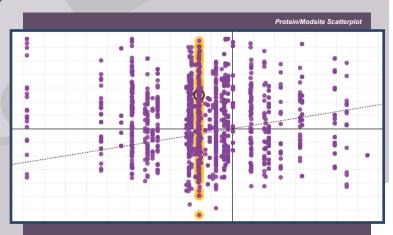




**Share** results with the free Scaffold PTM viewer



**Assess** the significance of differences between modified and unmodified intensities using statistical testing



Import Scaffold Q+S data from unenriched samples to get background protein levels

Adjust quantitative values in enriched samples to properly reflect differential modification

