



BioLadder(bioladder.cn): A bioinformatic platform primarily focused on proteomic data analysis

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Abstract

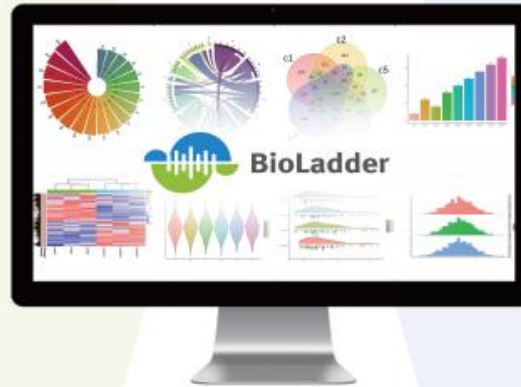
Experimental data analysis

ExpDataVisualization

DataPreProcessing

QuantitativeAnalysis

DifferenceAnalysis
QuantitativeDes
QuantitativeComp
QuantitativeCorr
QuantitativeCluster



Common data analysis

SeqAnalysis

AbundanceMap

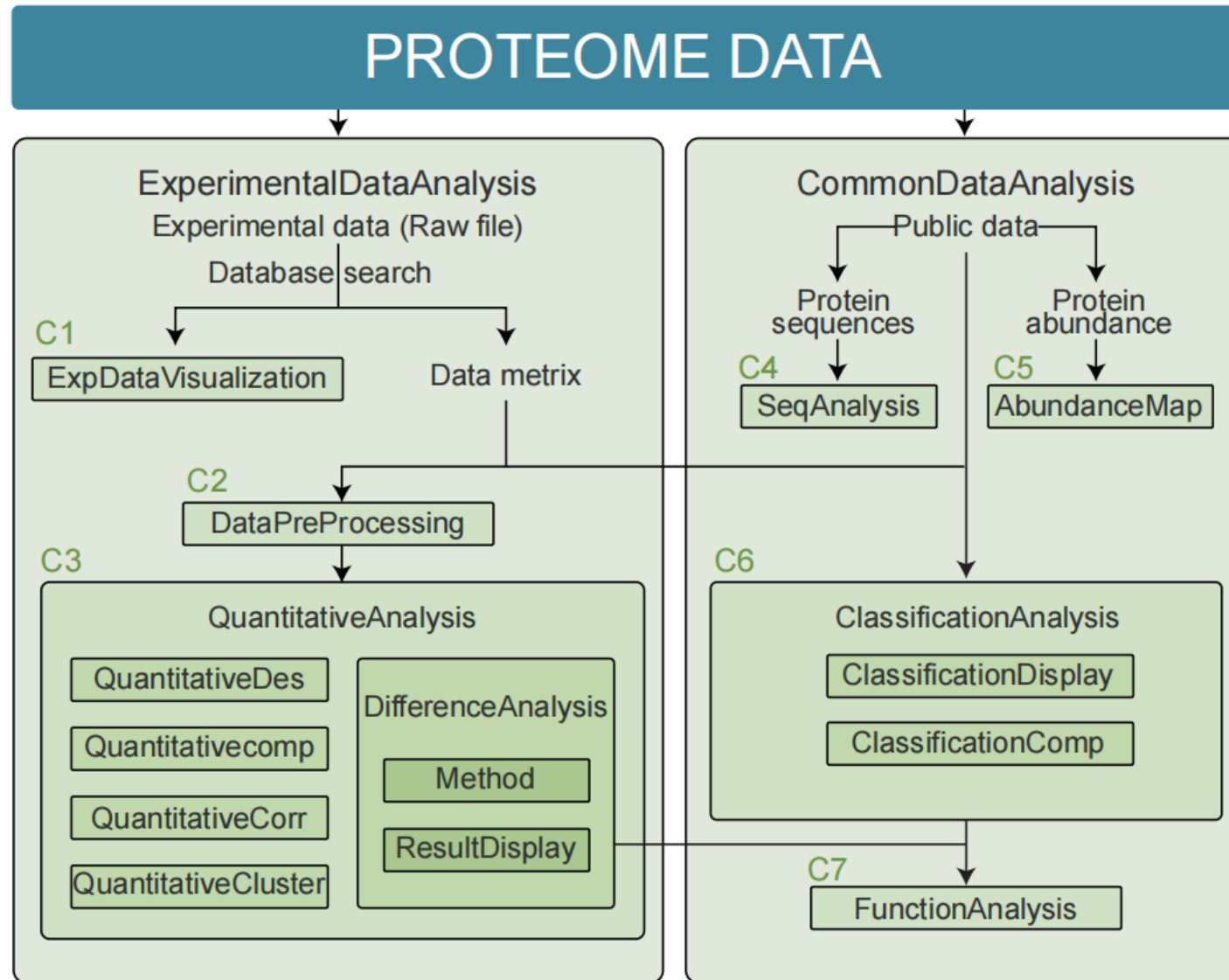
ClassificationAnalysis

ClassificationDisplay
ClassificationComp

FunctionAnalysis



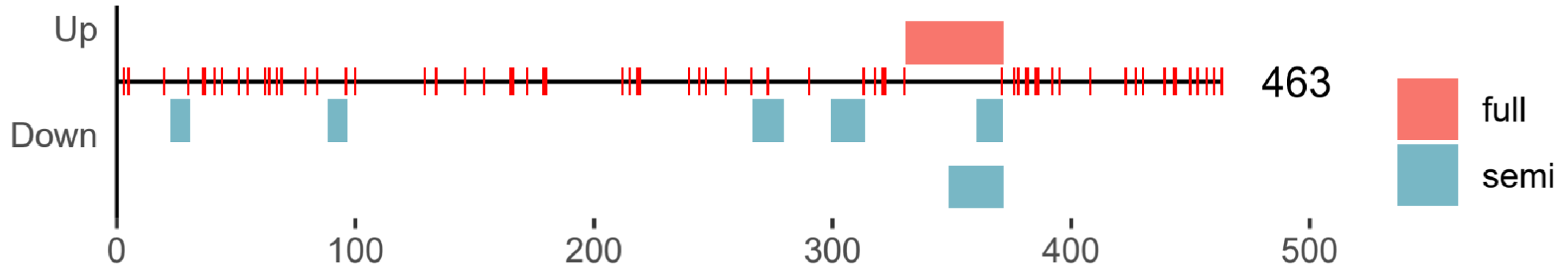
Module design for proteomic data analysis





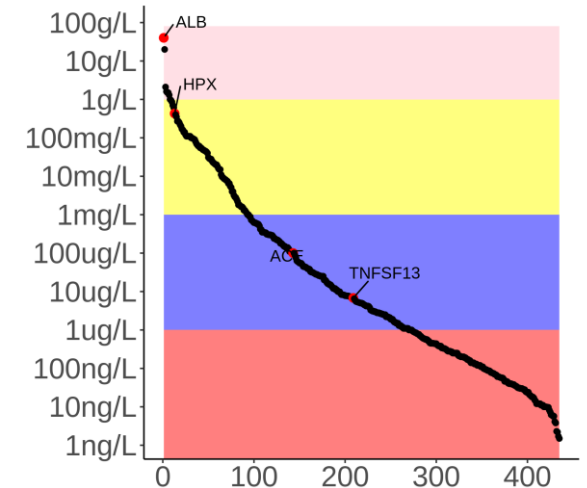
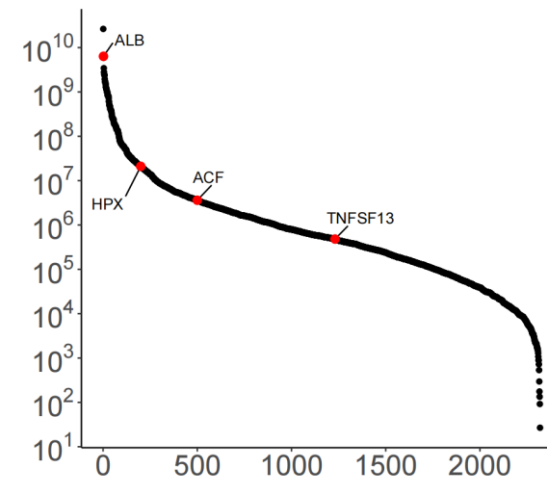
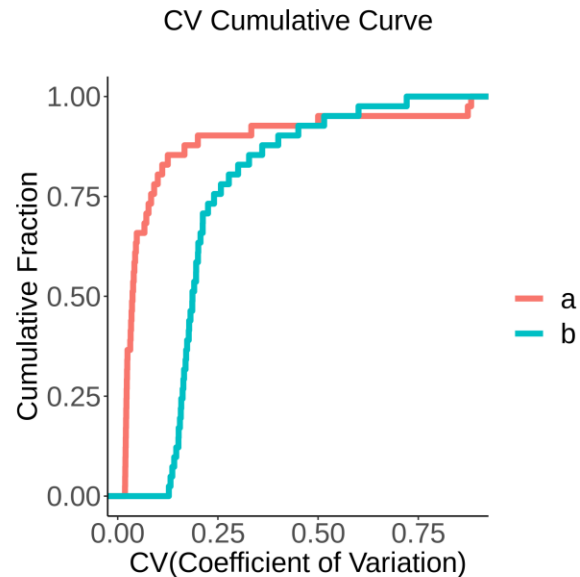
Specific proteome data analysis modules

1. Coverage analysis of peptide segments in protein sequences



2. Analysis and visualization of quantitative data distribution

3. Quantification data and marked proteins





Summary

- ❑ In this study, we introduce BioLadder, a user-friendly online analysis platform focused on proteomic data design;
- ❑ BioLadder consists of more than 50 analysis modules, which belong to two main categories (experimental data analysis and routine data analysis), including 7 subcategories.
- ❑ Multiple proteome-specific data analysis modules meet the unique analysis needs of the proteome.
- ❑ Convenient and user-friendly design, simplified input formats, specialized default parameters for proteomics, diverse and extensive adjustment methods, powerful color schemes and comprehensive and convenient help;
- ❑ Url: <https://www.bioladder.cn/>

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