

16. 以計算系統生物分析蛋白質體資料

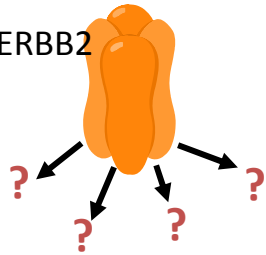
Inputs

Technology platforms

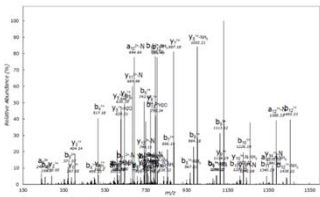
Outputs

A. Interested protein(s)/kinase(s)

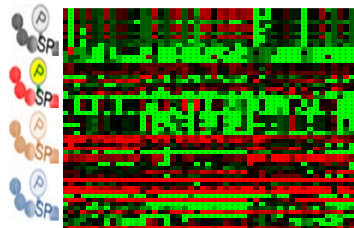
e.g. ERBB2



B. Protein expression

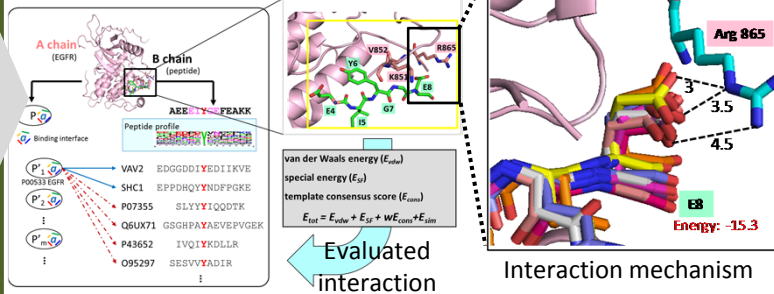


C. Proteomics data with phosphorylation



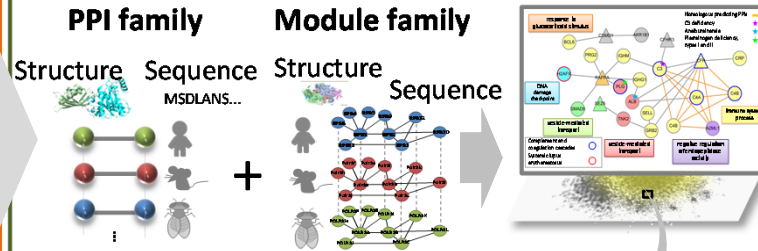
Structure-based systems biology analysis platform

Kinase-phosphoprotein family

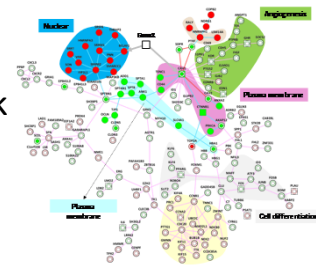


↔ New interactions

Biological network analysis platform



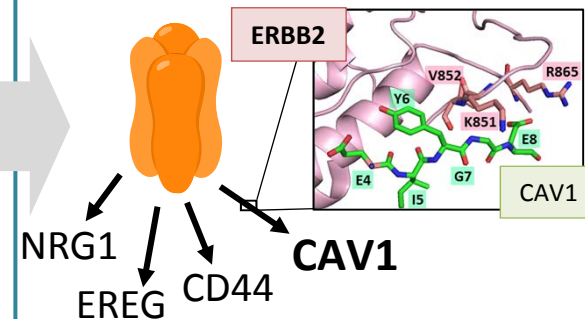
Dynamic network analysis



Nucleic Acids Res. 2010 Jul;38:W516-22.

Nucleic Acids Res. 2013 Jan;41:D430-40.

A. Potential interacting protein(s)/substrate(s)



B. C. Biological pathway analysis

