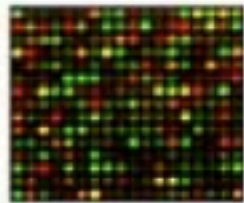# Given Data

sequence
..LKQEA..

structure

expression

phylogeny

Predicted Property

structure
3D coordinates
of the atoms

function
according to schemes like
GO (gene ontology) or MIPS

interactions
with other proteins,
DNA or metabolites

localization
e.g. compartment

Structure Prediction

Genetic Network Reconstruction

Docking