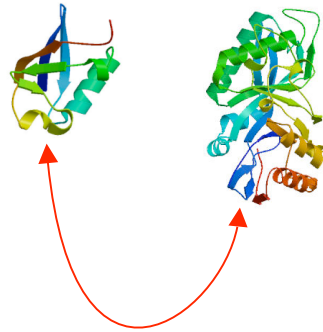
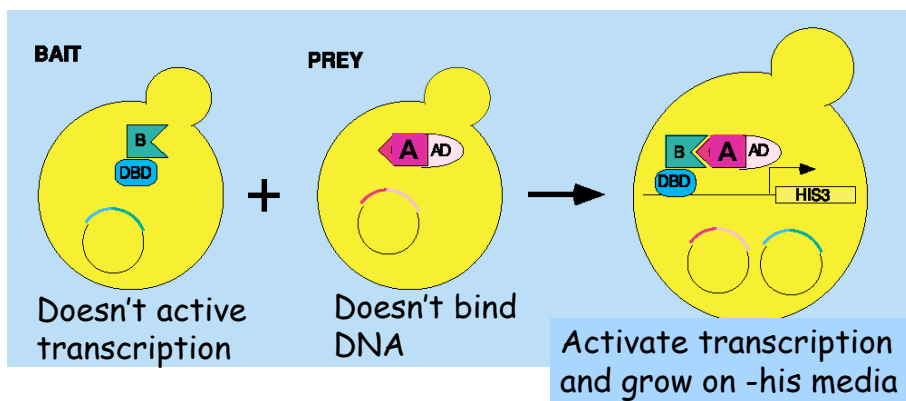


Protein-protein Interactions



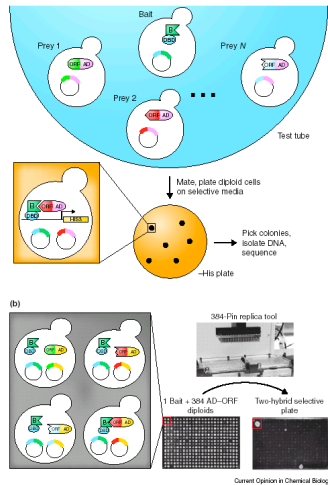
Protein-protein Interactions

Yeast two-hybrid assay:
Does a protein A interact with B ?



Protein-protein Interactions

Large scale yeast two-hybrid assay:
Find pairs of interacting proteins



A comprehensive two-hybrid analysis to explore the yeast protein interactome.

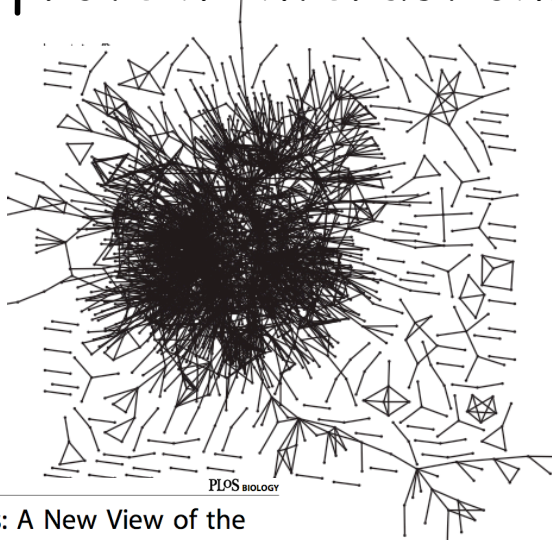
Ito T et al, *PNAS* 2001

A comprehensive analysis of protein-protein interactions in *S. cerevisiae*.

P. Uetz et al, *Nature* 2000

Protein-protein Interactions

Baker's yeast:
9000 interactions
3000 proteins
(combined, 2006)



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Stratus Not Altocumulus: A New View of the Yeast Protein Interaction Network

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