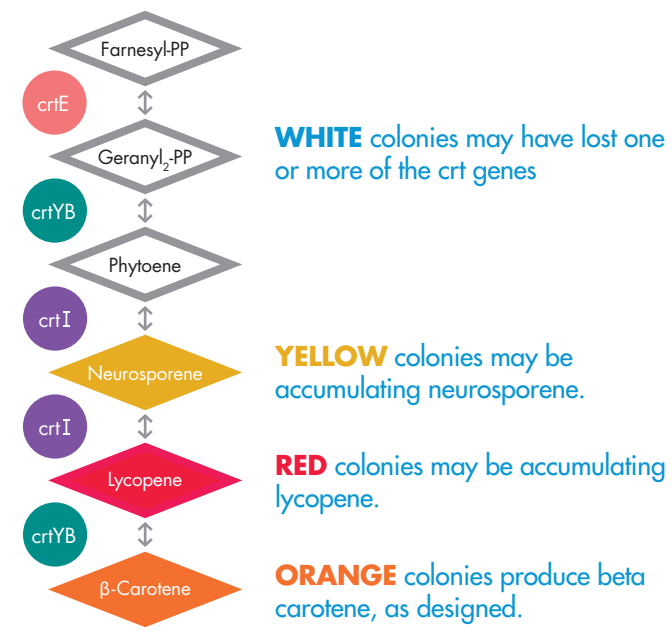
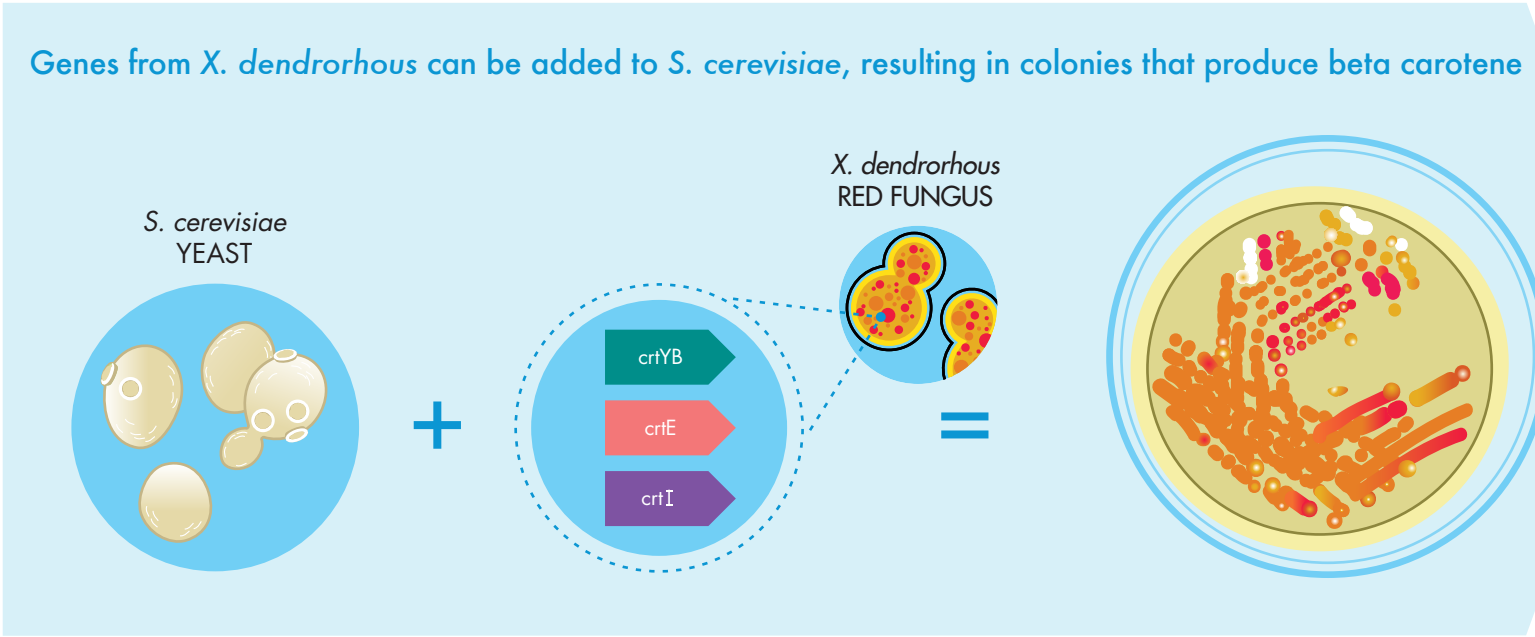




THE SYSTEM

A NEW HYPOTHESIS

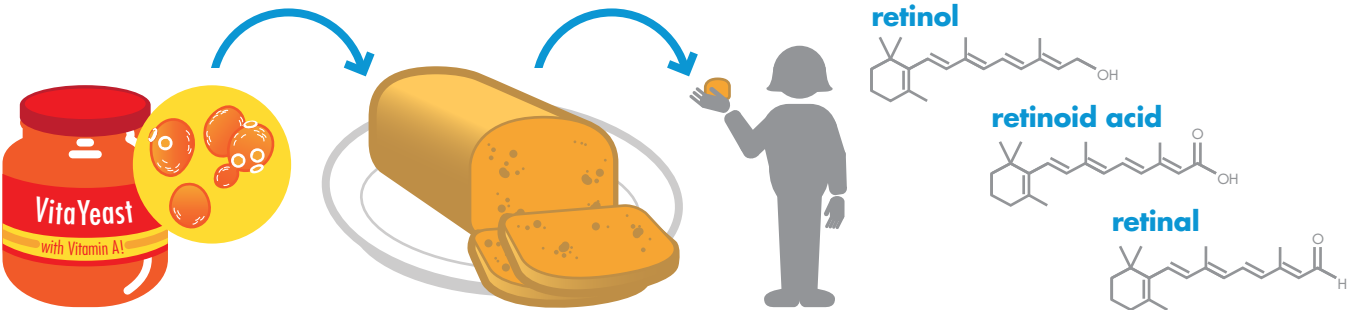


THE BIG PICTURE

ENGINEERING WITH REDUNDANCY

Baking with beta-carotene producing yeast creates bread "biofortified" with vitamin A

Beta-carotene (left) is converted in the body to vitamin A and its derivatives (below), which are involved in vision, development, and maintaining a healthy immune system.



GENES in Vita YEAST	ENZYMES in Vita YEAST
	● Bifunctional enzyme: Phytoene Synthase/Lycopene B-Cyclase
	● Geranylgeranyl Diphosphate Synthase
	● Phytoene Desaturase

