

Evidence for a Conserved Function of Eukaryotic Pantothenate Kinases in the Regulation of Mitochondrial Homeostasis and Oxidative Stress

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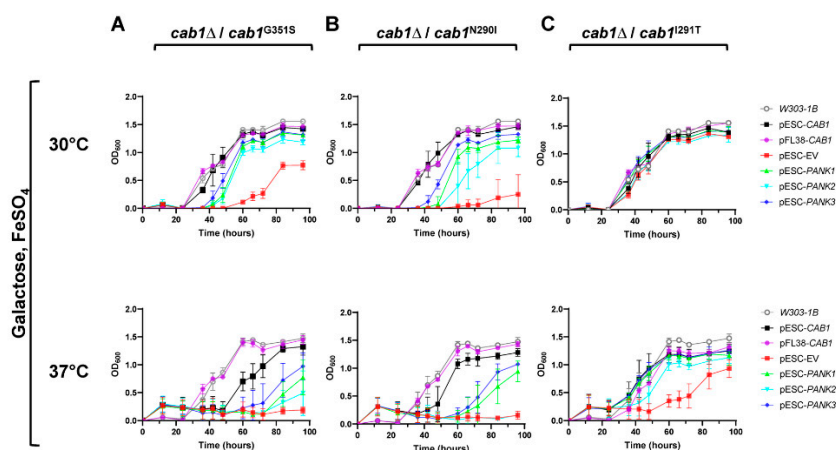


Figure S1. Iron sensitivity of PanK-deficient yeast strains expressing human PanKs. Growth curves of yeast strains *cab1*^{G351S}(A), *cab1*^{N290I}(B), and *cab1*^{I291T}(C) carrying an empty vector or expressing either the wild type yeast *CAB1* or human *PANK1*, 2, or 3 were determined in liquid media containing 2% galactose at 30°C or 37°C (from top to bottom). Yeast cells were inoculated in tubes at a final volume of 3.5 mL at a density of 10⁴ cells/ml in SC-URA-TRP media (2% galactose) without or with 7 mM FeSO₄ and optical density (OD₆₀₀) was measured at the indicated time points. The assays were conducted in triplicates (n=3) and the plotted graphs represent the average ±SEM.