

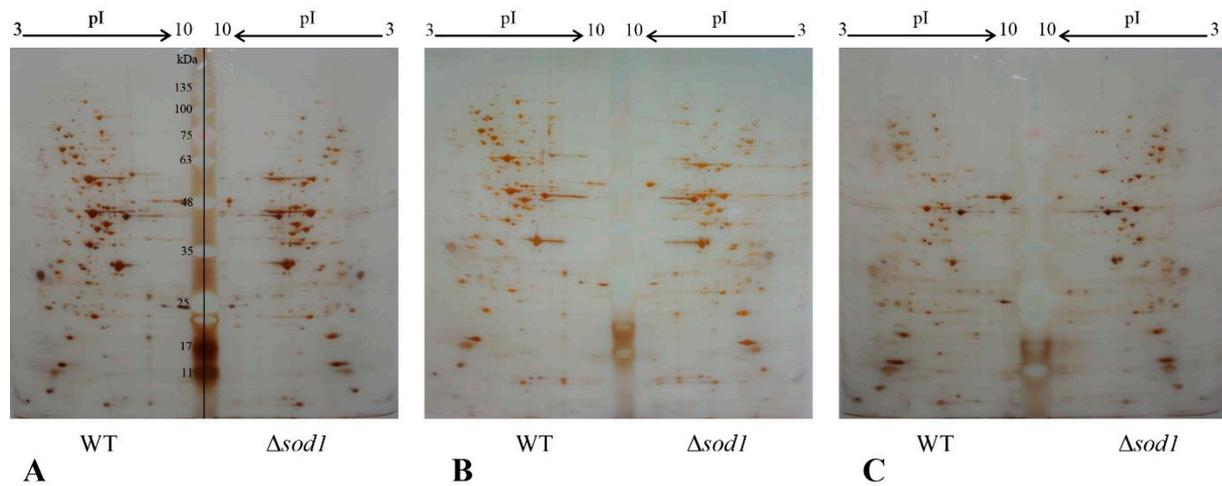
# Changes in a Protein Profile Can Account for the Altered Phenotype of the Yeast *Saccharomyces cerevisiae* Mutant Lacking the Copper-Zinc Superoxide Dismutase

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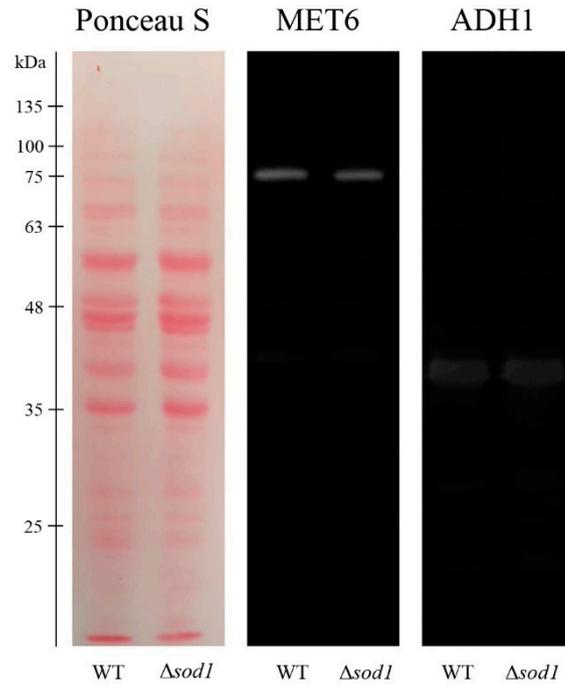
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**Figure S1.** Comparison of proteomes of the wild-type (WT) strain and the  $\Delta sod1$  mutant which was performed by two-dimensional gel electrophoresis (2-DE) of whole-cell protein extracts. In the isoelectrofocusing step protein samples were loaded onto 7 cm IPG strips with pI ranging from 3 to 10. The SDS-PAGE step was carried out using Protean II xi Cell slab unit. Proteins were detected with silver staining. (A-C) For proteome mapping and matching three protein extracts (both the WT and  $\Delta sod1$ ) obtained upon three independent experiments were used. The results are presented as original images of gels.

See also Figure 1



**Figure S2.** The methionine synthase (MET6) and alcohol dehydrogenase (ADH1) content in the wild-type (WT) strain and the  $\Delta sod1$  mutant which was determined by immunoblotting method using anti-yeast methionine synthase (1:500, X-P05694-N, Abmart) and anti-yeast alcohol dehydrogenase (1:5000, ab34680, Abcam) antibodies. The presence of proteins on the membrane was confirmed by Ponceau S. The results are presented as original images of blots.

*See also Figure 3*