

Homocysteine regulates fatty acid and lipid metabolism in yeast

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Figure 1S. Expression of the AltPW suppresses the deregulation of lipid metabolism in the yeast *sah1* mutant.

Figure 2S. Expression of the AltPW suppresses the deregulation of lipid metabolism in Hcy-supplemented wild type yeast.

Figure S1

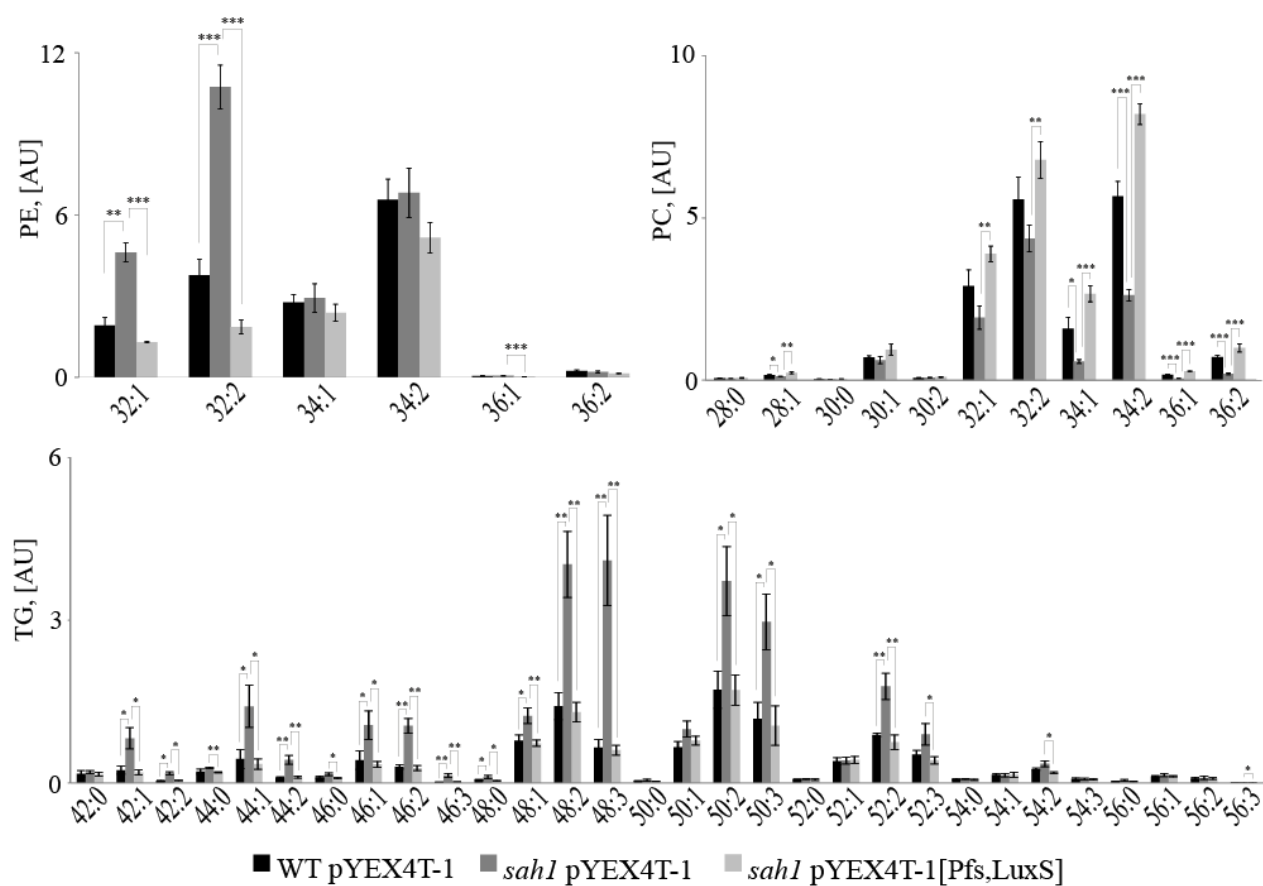


Figure 1S. Expression of the AltPW suppresses the deregulation of lipid metabolism in the yeast *sah1* mutant. Species distribution of PE, PC and TG. Logarithmic-phase wild type and the *sah1* mutant expressing the AltPW or carrying the empty plasmid were cultivated in SD-Ura medium, reinoculated in the same medium supplemented or not with 0.05 mM CuSO₄ and cultivated for 6 h before lipid extraction. TG, PE and PC were normalized to ISTDs. Data only for strains grown in the absence of additional CuSO₄ supplementation are shown. Data are mean ± SD from three independent experiments (***, $p < 0.001$; **, $p < 0.01$; *, $p < 0.05$).

Figure S2

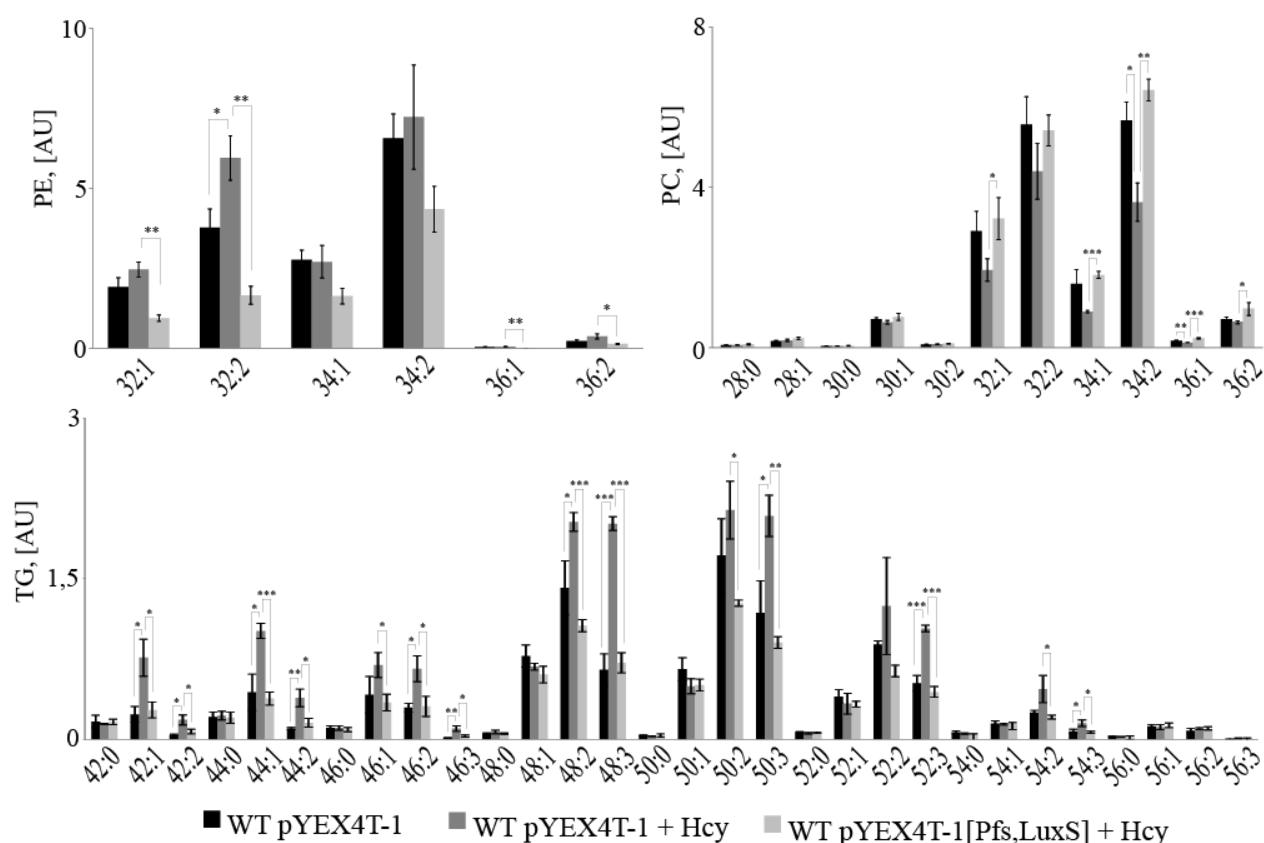


Figure 2S. Expression of the AltPW suppresses the deregulation of lipid metabolism in Hcy-supplemented wild type yeast. Species distribution of PE, PC and TG. Logarithmic-phase wild type expressing the AltPW or carrying the empty plasmid was cultivated in SD-Ura medium, reinoculated into same medium supplemented or not with 1 mM Hcy in the absence of additional CuSO_4 supplementation and cultivated for 6 h before lipid extraction. TG, PE and PC were normalized to ISTDs. Data are mean \pm SD from three independent experiments (***, $p < 0.001$; **, $p < 0.01$; *, $p < 0.05$).