

SUPPORTING INFORMATION

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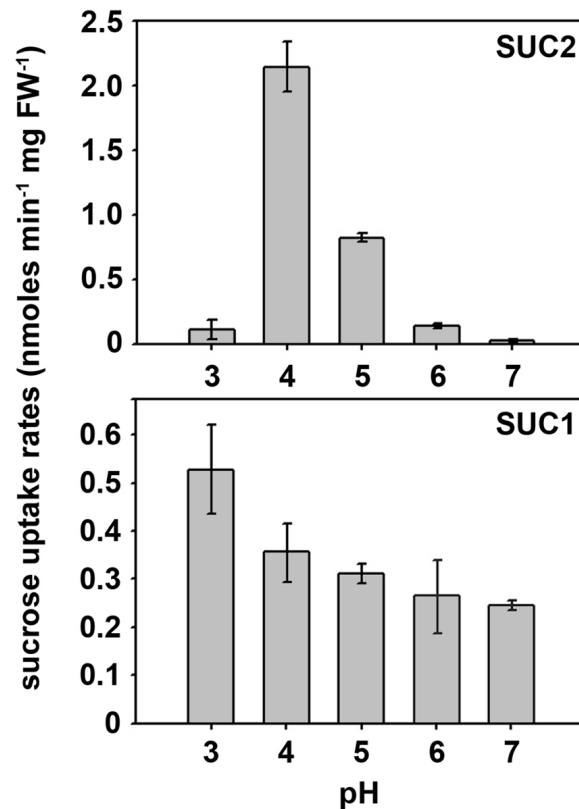


Fig. S1. Comparison of the pH-dependence of sucrose uptake in baker's yeast (*Saccharomyces cerevisiae*) expressing *SUC1* or *SUC2*. The constructs for expression of *SUC1* (in strain DBY2617) or *SUC2* (in strain SEY6210) and the growth conditions were as described (Sauer and Stolz, 1994). In this paper, the pH-dependence has been analysed only from pH 5 to pH 7. Here we compared the pH-dependence from pH 3 to 7. Transport was measured at pH 3, 4 and 5 in citrate buffer and at pH 5, 6 and 7 in phosphate buffer. All measurements were performed with 0.1 mM ¹⁴C-labelled sucrose in the presence of 10 mM glucose (n = 3 ± SD).

Reference

Sauer N, Stolz J. 1994. SUC1 and SUC2: two sucrose transporters from *Arabidopsis thaliana*; expression and characterization in baker's yeast and identification of the histidine-tagged protein. *The Plant Journal* **6**, 67-77.