



Fig. S1. Canonical discriminant function analysis of major metabolites and nitrogen utilization of the different species: *Saccharomyces cerevisiae* (triangle) *S. uvarum* (square) and *Starmerella bacillaris* (circle) in chemically defined grape juice with initial sugar $\gamma=220$ (full symbols) and 320 g/L (empty symbols). The analysis classified 95.8 % of the cases correctly. Function 1=ethanol volume fraction, function 2=volatile acidity and consumed proline concentrations, and function 3=glycerol, succinic acid, malic acid and consumed yeast assimilable nitrogen concentrations (data not shown)