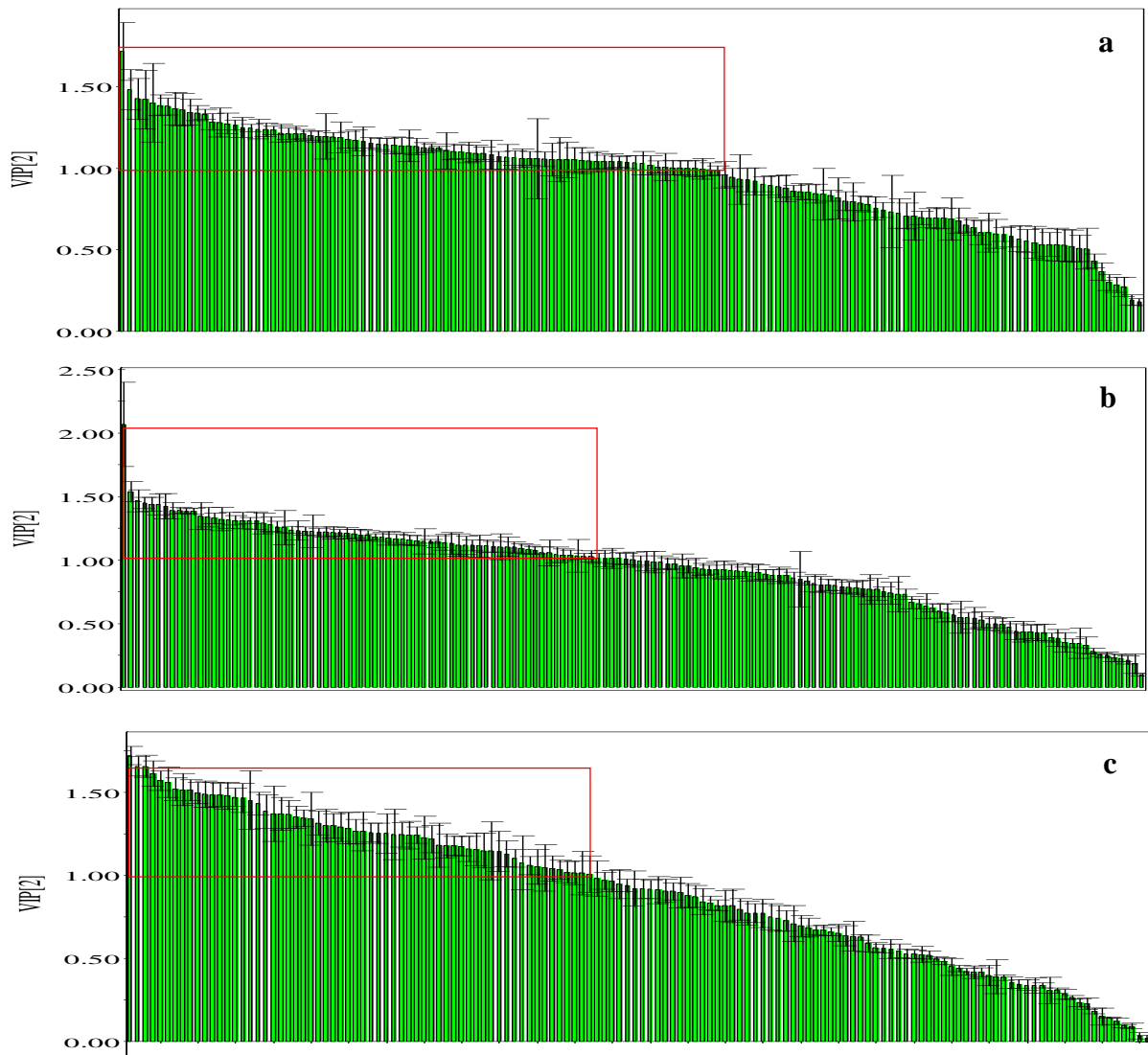


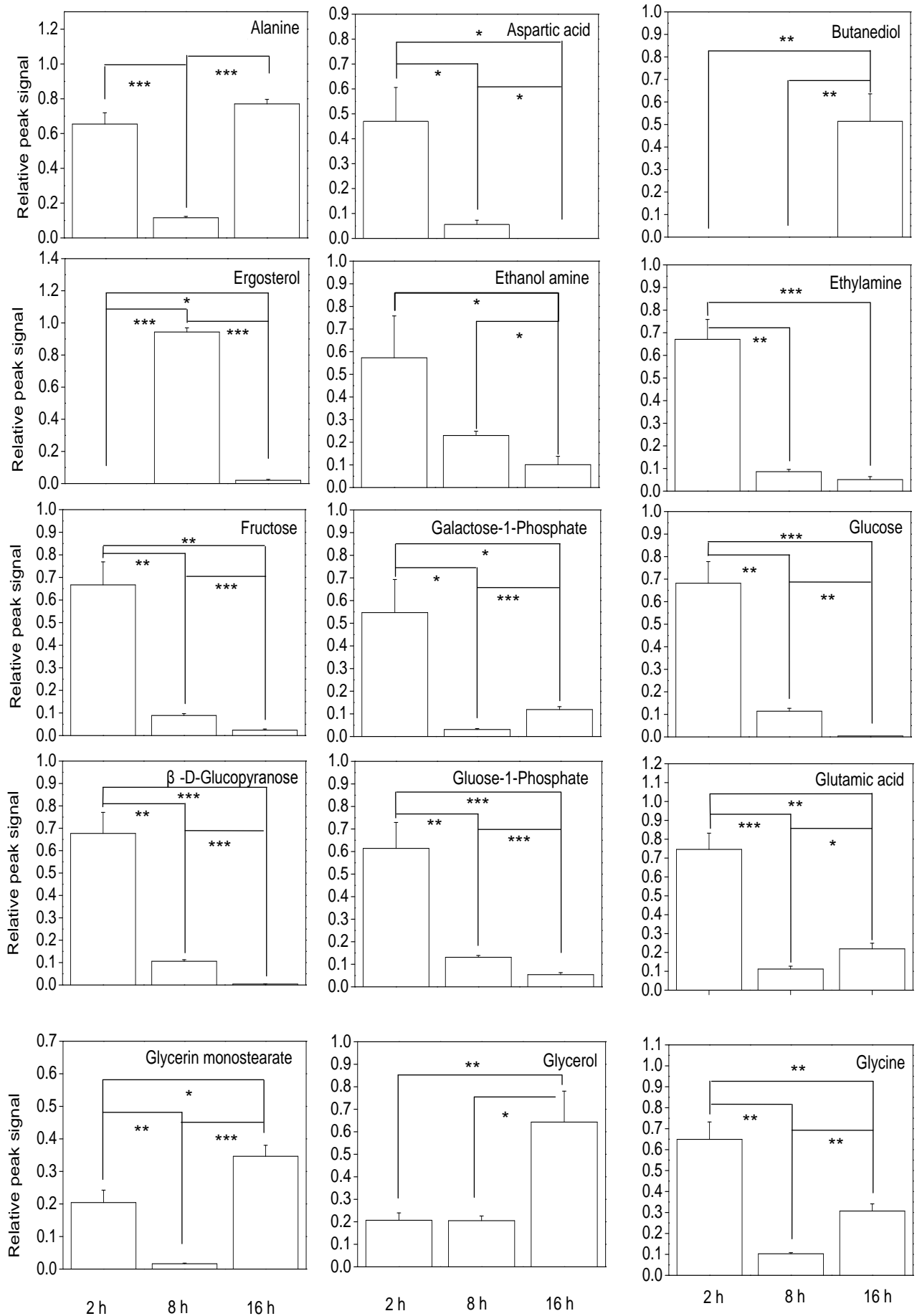
Electronic supplementary figure captions

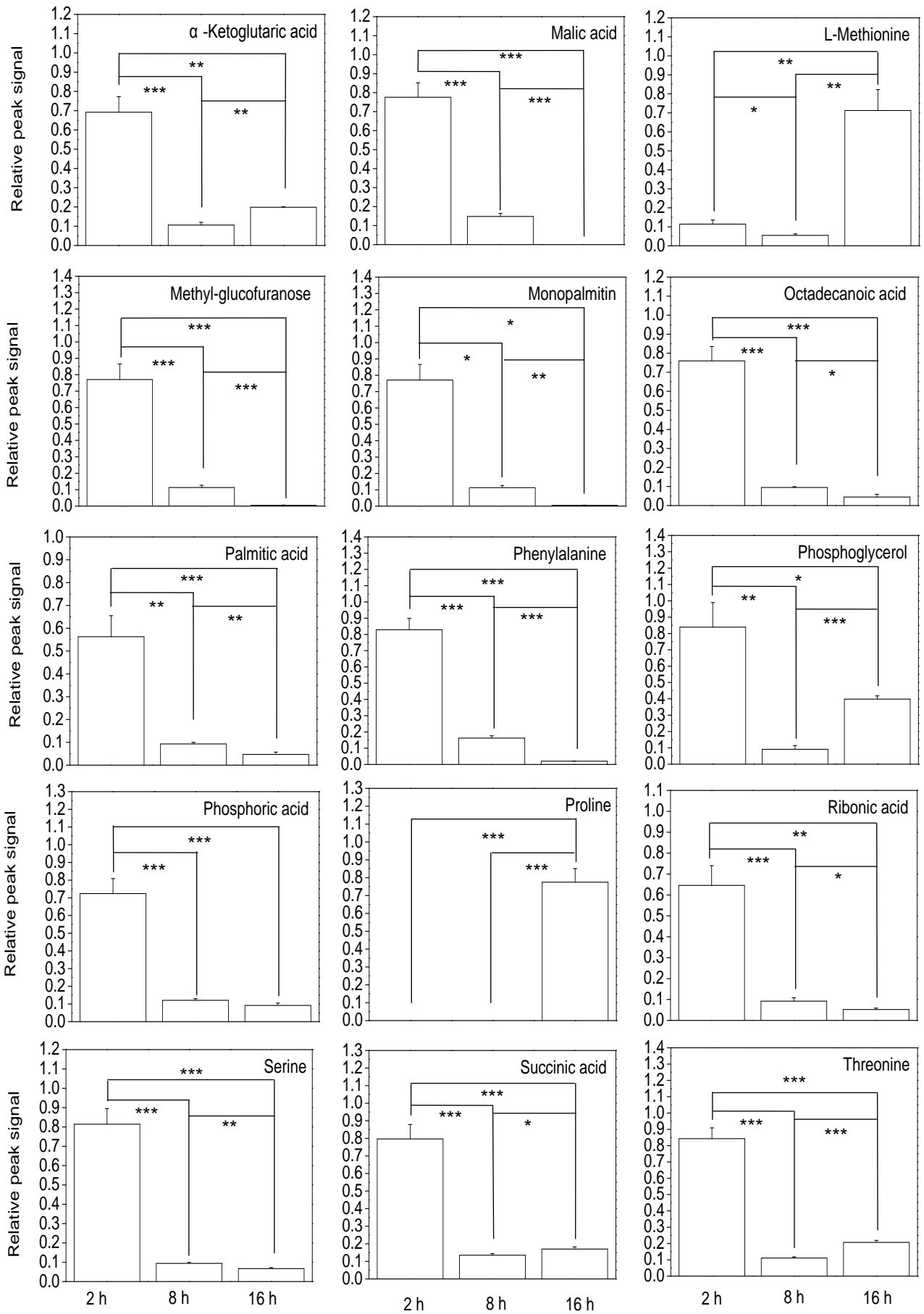
ESI Fig. S-1 Variable importance of projection plots for the intracellular metabolites along component 1. (a) 2 h versus 8 h groups using PLS-DA model, (b) 2 h versus 16 h groups using PLS-DA model, and (c) 8 h versus 16 h groups using PLS-DA model.

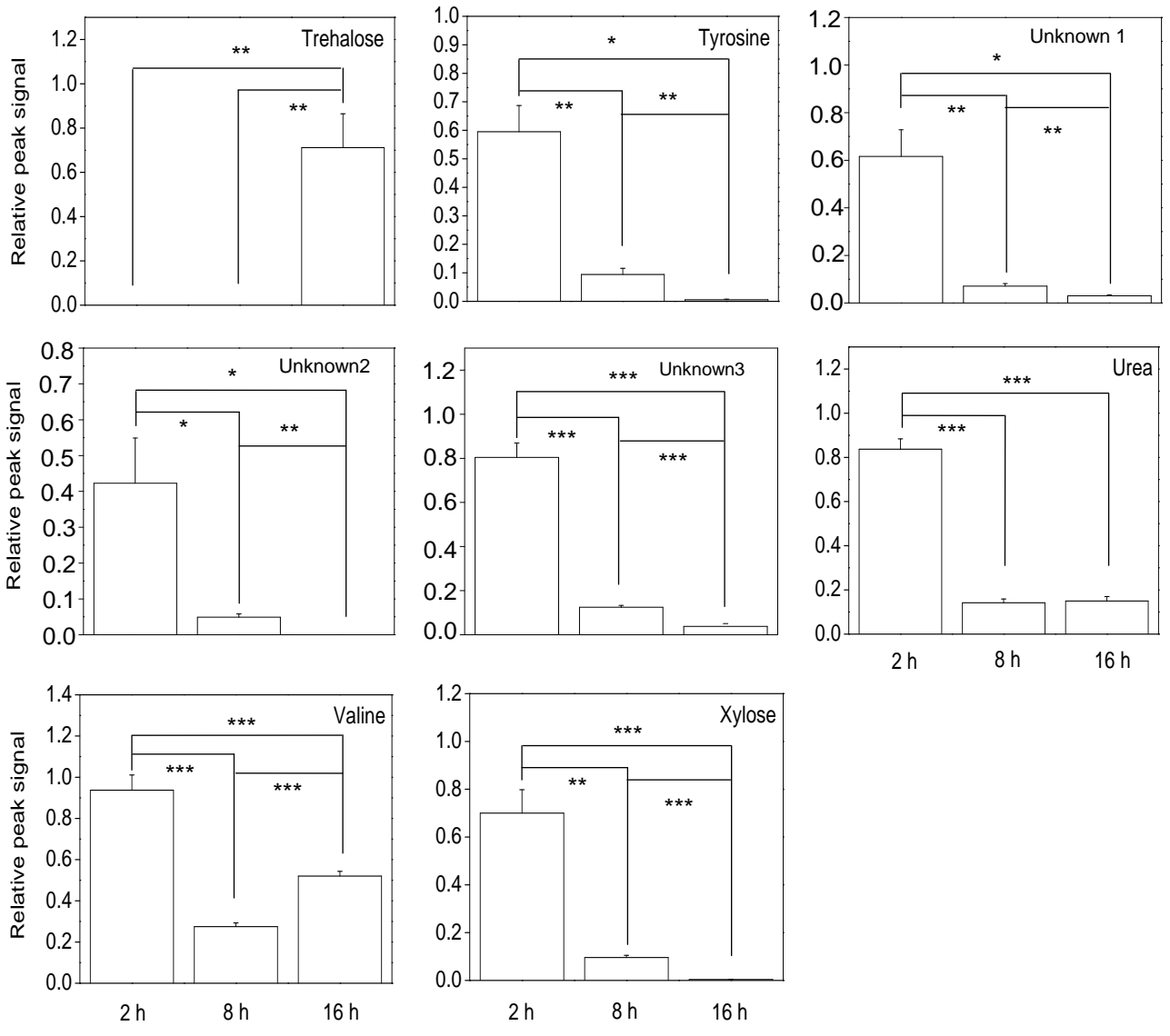
ESI Fig. S-2 The intracellular metabolites of *Sacharomyces cerevisiae* identified by GC-MS that differ among the lag phase (i.e., 2 h), the exponential phase (i.e., 8 h) and the stationary phase (i.e., 16 h) of the batch bioethanol fermentation process. * $P < 0.05$, ** $P < 0.01$, *** $P < 0.001$.



ESI Fig. S-1







ESI Fig. S-2