



**Fig. S1.** Proportional representation of selected proteins found in individual barley varieties of barley grain and malt. Data are expressed as means of the standard error of the mean from three experiments. Means were compared by an analysis of variance (one-way ANOVA) followed by a Tukey test in R project software. A probability value of  $<0.05$  was considered significant. A representation of each protein within individual barley varieties was evaluated and compared (asterisks denote a  $P < 0.05$  between individual barley varieties).