

Supplementary Figure S1. Correlation matrix for untransformed BLUE values for nine tocochromanol grain phenotypes from 1,462 lines of the Ames panel. Pearson's correlation coefficients (r) calculated with the function 'cor' in R are presented in the upper triangle, whereas the corresponding P-values for the significance of correlations ($\alpha = 0.05$) are displayed below the diagonal. The untransformed BLUE values were used to represent the true directionality of the relationship between phenotypes.