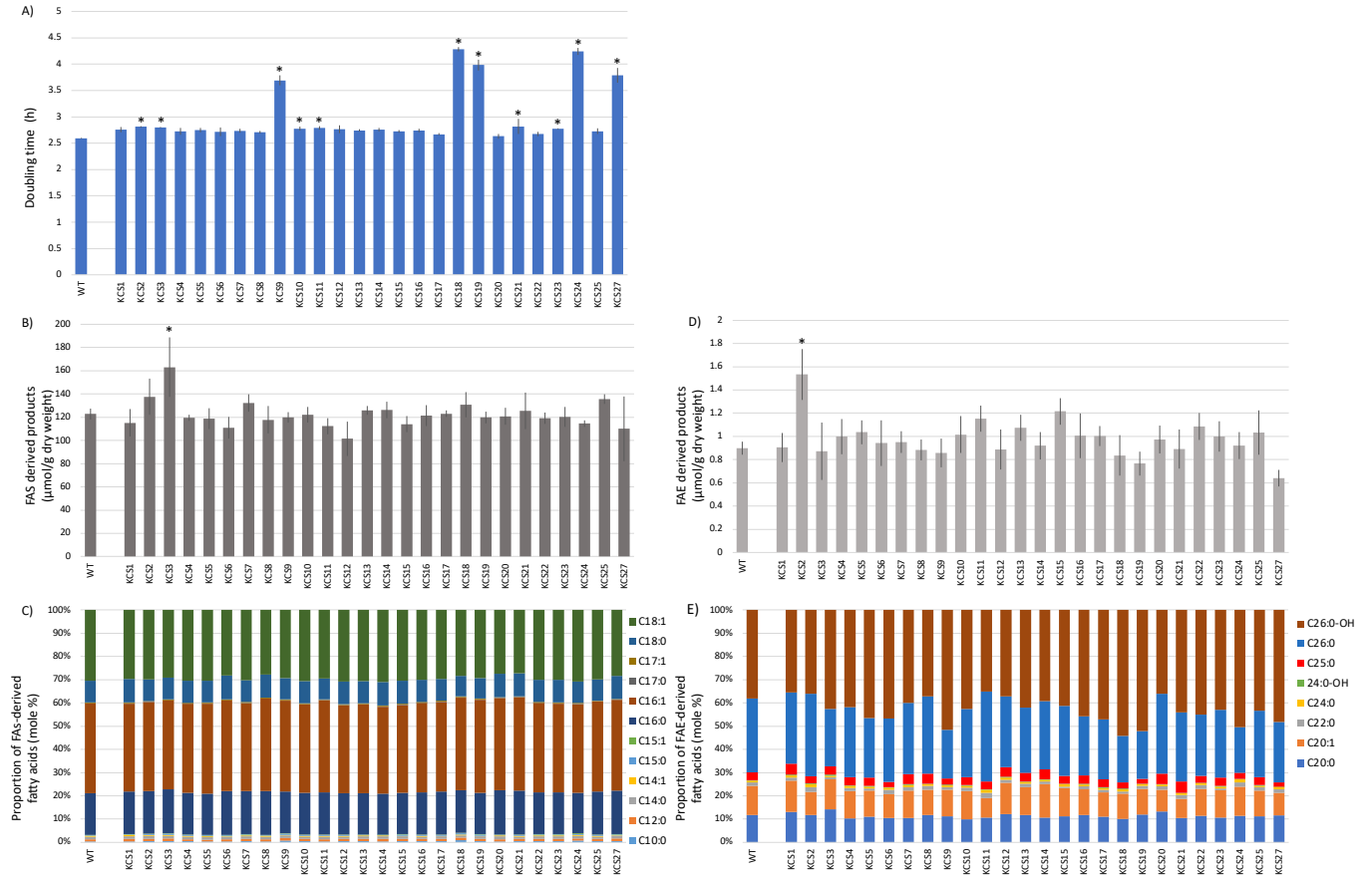




Supplementary Fig. 1. Growth rates and fatty acid profiles of WT yeast strains expressing each ZmKCS isozyme. A) Culture doubling time. B) Yield of FAS-derived products. C) Proportion of individual FAS-derived products. D) Yield of FAE-derived products. E) Proportion of individual FAE-derived products. See Methods for details on data gathering and analysis. Fatty acid profiles were determined by either GC-MS analysis of FAMES. Error bars represent standard error from 3 replicates, and “*” identifies statistical significance from the recipient WT strain, based on Student’s t-test ($p < 0.05$).