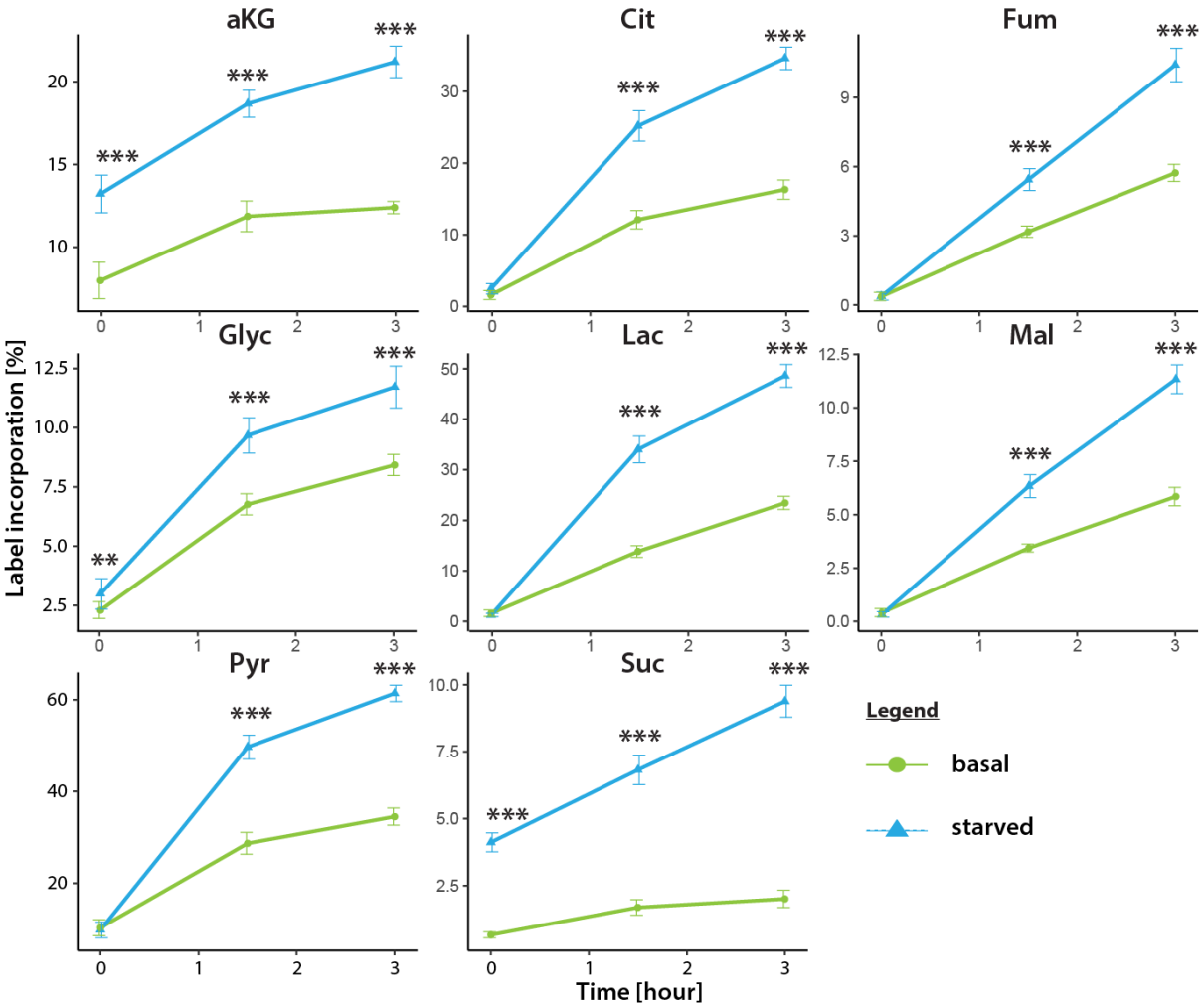
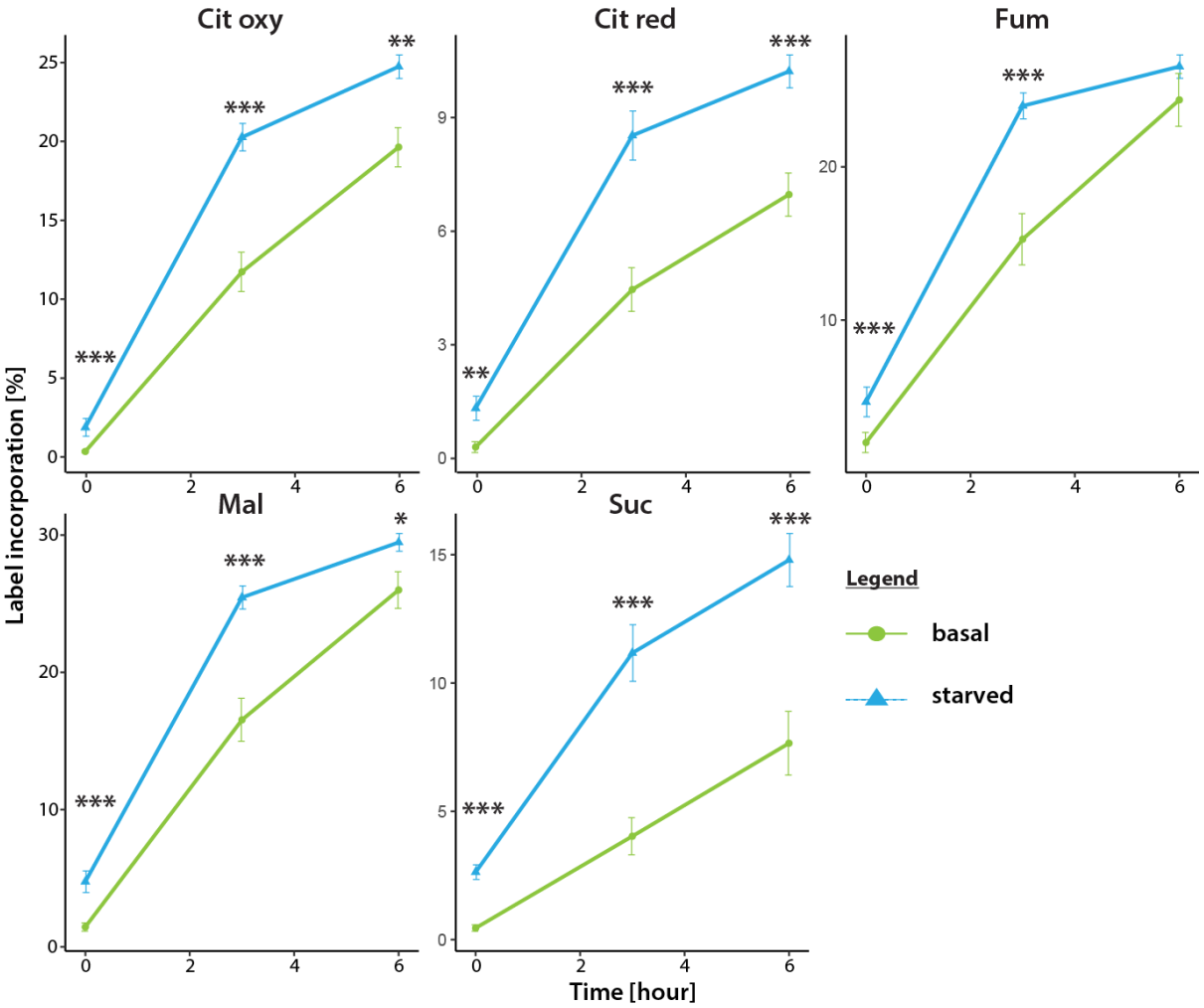


Supplemental Figure S1. Incorporation of central carbon metabolites after labeling in the presence of ^{13}C-glucose for the indicated time points for both sexes. Mean and standard error are plotted. Significance per time point between basal and starved was calculated using the paired Wilcoxon rank sum test. Significance levels are **p < 0.01 or ***p < 0.001. The number of biological replicates (pairs for both treatments) for each condition and metabolite is given in Supplemental Table 2A. aKG: alpha-ketoglutaric acid. Cit: citric acid. Fum: fumaric acid. Glyc: glycerol. Lac: lactic acid. Mal: malic acid. Pyr: pyruvic acid. Suc: succinic acid.



Supplemental Figure S2. Incorporation of central carbon metabolites after labeling in the presence of ^{13}C-glutamine for the indicated time points for both sexes. Mean and standard error are plotted. Significance per time point between basal and starved was calculated using the paired Wilcoxon rank sum test. Significance levels are *p < 0.05, **p < 0.01 or ***p < 0.001. The number of biological replicates (pairs for both treatments) for each condition and metabolite is given in Supplemental Table 2B. Cit oxy: citric acid in oxidative form. Cit red: citric acid in reductive form. Fum: fumaric acid. Mal: malic acid. Suc: succinic acid.