Table S13 Flux Control Coefficients, D = 0.1 h^{-1}, 4h nitrogen-starved.

The control of the flux *J* through an enzyme *j* (rows) exerted by an enzyme *i* (columns). The control coefficient $C_i^j = \frac{dJ_j}{dV_{\max,i}} \cdot \frac{V_{\max,i}}{J_j} = \frac{d\ln J_j}{d\ln V_{\max,i}} \approx \frac{\ln J_{j,+h} - \ln J_{j,0}}{\ln V_{\max,i,+h} - \ln V_{\max,i,0}}$ was approximated by increasing the V_{max} of the enzyme of interest by *h*, which was 1%. This was done for the model versions corresponding to figure 2 in the main text.

Enzyme	J_{glt}	J_{hxk}	J_{pgi}	J_{pfk}	J_{ald}	J_{gapdh}	J_{pgk}	J_{gpm}	J_{eno}	J_{pyk}	J_{pdc}	J_{adh}
GLT	0.86	0.82	0.82	0.82	0.82	0.95	0.95	0.95	0.95	0.95	0.95	1.02
HXK	0.14	0.13	0.13	0.13	0.13	0.15	0.15	0.15	0.15	0.15	0.15	0.17
PGI	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PFK	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GAPDH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PGK	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PYK	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PDC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00