

Supplementary Table III. Convergence in abundance of transcripts encoding components of the C₄ cycle in *Setaria viridis* and maize. Genes are grouped according to cell type and then ranked according to those that were most similar in the two C₄ lineages.

Gene	Cell Type	Setaria FC $\frac{BS}{M}$	Maize FC $\frac{BS}{M}$	$\frac{SetariaFC}{MaizeFC}$
<i>GDC</i>	BS	191.847	233.584	0.821
<i>TKL</i>	BS	5.378	7.511	0.716
<i>NADP-ME</i>	BS	147.536	101.237	1.457
<i>FBA</i>	BS	133.745	197.935	0.676
<i>PRK</i>	BS	156.169	82.365	1.896
<i>FBP</i>	BS	18.565	9.316	1.993
<i>SHMT</i>	BS	19.306	41.094	0.470
<i>GCH</i>	BS	152.067	58.310	2.608
<i>RBCS</i>	BS	106.803	35.364	3.020
<i>DCT2</i>	BS	211.256	57.159	3.696
<i>SBP</i>	BS	114.879	20.647	5.564
<i>GOX</i>	BS	2.263	12.887	0.176
<i>MEP3a</i>	BS	16.707	97.732	0.171
<i>RPE</i>	BS	46.152	7.112	6.489
<i>RBCACT</i>	BS	12.392	118.028	0.105
<i>PCK</i>	BS	13.204	258.371	0.051
<i>CA</i>	M	0.027	0.034	0.802
<i>AK</i>	M	0.122	0.153	0.793
<i>OMT1</i>	M	0.040	0.032	1.270
<i>PEPC</i>	M	0.033	0.051	0.652
<i>NADP-MDH</i>	M	0.042	0.027	1.570
<i>PPT</i>	M	0.277	0.115	2.405
<i>MEP3b</i>	M	0.158	0.056	2.812
<i>TPI</i>	M	0.059	0.019	3.140
<i>PPDK</i>	M	0.049	0.201	0.244
<i>GAP-DH</i>	M	0.541	0.123	4.381
<i>ASP-AT</i>	M	0.135	0.020	6.628
<i>PPDK-RP</i>	M	0.450	0.053	8.553
<i>DIT1</i>	M	0.634	0.074	8.595
<i>RPI</i>	M/BS	57.048	0.640	89.123
<i>PGK</i>	M/BS	1.485	0.298	4.989