Supplementary Table IV Parameters measured on a different set of plants incorporating a second strongly reduced line (RL34). For enzymatic activities refer to legend to Table 1. For ¹⁴CO₂ assimilation refer to legend to Figure 3. For flux estimation refer to legend to Figure 6B. Metabolites were determined as described in the Materials and Methods. Values are presented as mean \pm SE of determinations on six individual plants per line. Values set in bold type were assessed by *t*-tests (P < 0.05) to be significantly different from wild type.

	W		RL34			RL25			AL40			AL18			AL10			
Enzymatic activities	nzymatic activities nmol min ⁻¹ gFW ¹																	
ScoAL	264.12	±	28.48	11.50	±	1.62	79.11	±	14.72	228.98	±	21.03	192.98	±	22.64	211.44	±	6.99
	(% of total ¹⁴ C applied) min ⁻¹ mgFW ¹																	
GAD	1.52	±	0.24	2.69	±	0.41	3.36	±	0.23	2.23	±	0.24	2.16	±	0.41	1.99	±	0.25
	$^{14}CO_2$ released (<i>Proportion of</i> ^{14}C applied g FW ¹ h ⁻¹)																	
Flux [1-14C]-glutamate	2.65	±	0.21	4.22	±	0.28	3.71	±	0.17	3.03	±	0.27	2.53	±	0.33	2.41	±	0.22
¹⁴ CO ₂ assimilation	Label incorporated (DPM g FW ¹)																	
	2212.66	±	91.27	3356.36	±	517.15	2375.50	±	317.67	2328.43	3 ±	205.82				2444.08	±	92.60
Metabolites	Normalized peak area g FW ¹																	
Citrate	1.00	±	0.14	1.03	±	0.10												
2-0G	1.00	±	0.16	3.63	±	0.61												
Succinate	1.00	±	0.26	0.51	±	0.08												
Fumarate	1.00	±	0.09	0.75	±	0.05												
Malate	1.00	±	0.18	0.77	±	0.12												
Ala	1.00	±	0.15	1.13	±	0.05												
GABA	1.00	±	0.21	1.40	±	0.07												
Glu	1.00	±	0.02	1.49	±	0.05												
Phe	1.00	±	0.22	.1.29	±	0.08												
Pro	1.00	±	0.31	0.79	±	0.30												