

C4 photosynthesis

Gene name	Reaction EC	Enzymatic activity	FPKM_intact	FPKM_lodged	significant
Sb10g021330.1	4.1.1.31	phosphoenolpyruvate carboxylase	142.3	105.8	no
Sb07g014960.1	4.1.1.31	phosphoenolpyruvate carboxylase	4.3	14.6	yes
Sb04g008720.1	4.1.1.31	phosphoenolpyruvate carboxylase	142.7	125.0	no
Sb03g008410.1	4.1.1.31	phosphoenolpyruvate carboxylase	0.1	0.1	no
Sb03g035090.1	4.1.1.31	phosphoenolpyruvate carboxylase	22.5	23.2	no
Sb02g021090.1	4.1.1.31	phosphoenolpyruvate carboxylase	36.9	89.8	yes
Sb07g023910.1	1.1.1.82	malate dehydrogenase 1	33.0	21.4	yes
Sb07g023920.1	1.1.1.82	malate dehydrogenase 1	167.1	132.9	no
Sb09g019930.1	2.7.9.1	pyruvate phosphate dikinase	437.0	354.4	no
Sb01g031660.1	2.7.9.1	pyruvate phosphate dikinase	3.3	4.7	no

Figure S3