

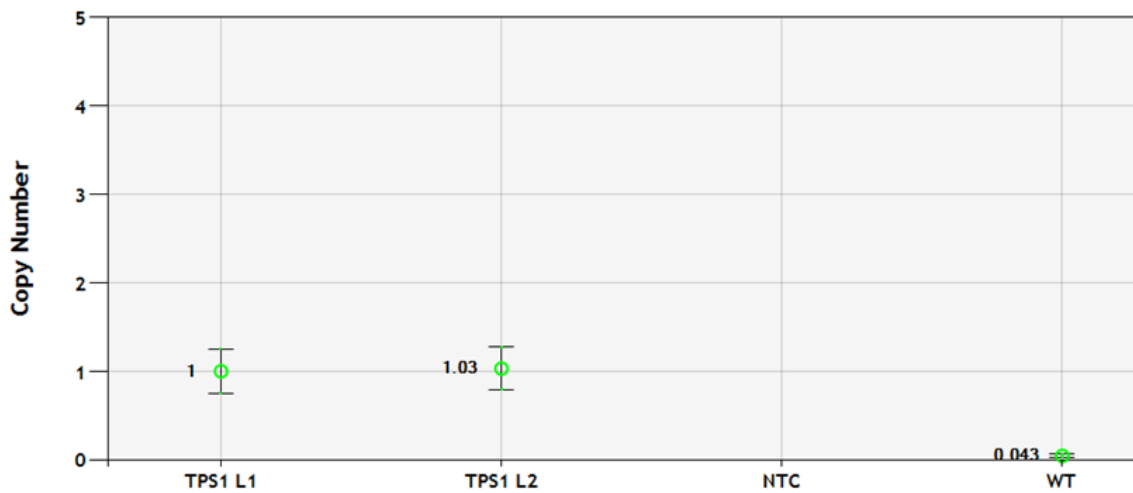
Vascular expression of trehalose phosphate synthase1 (*TPS1*) induces flowering in Arabidopsis

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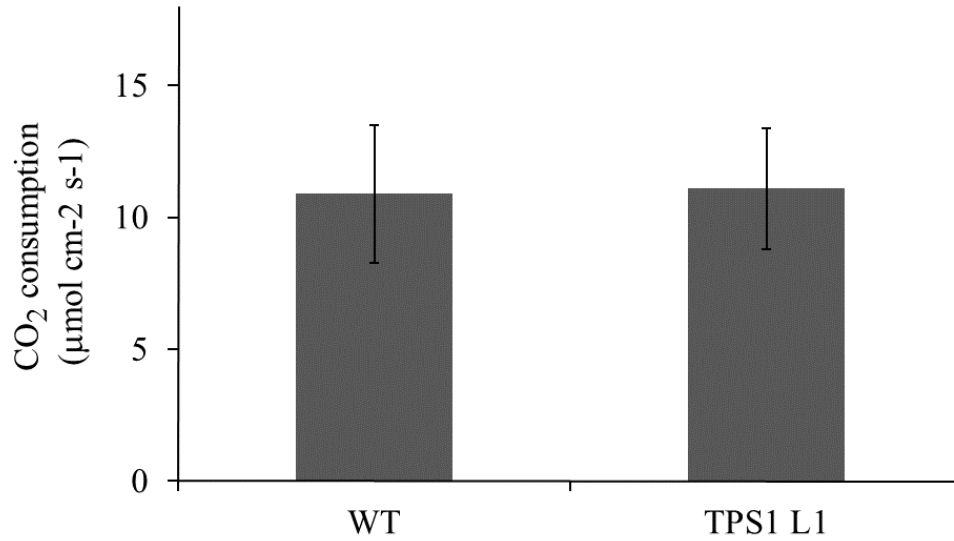
Supplementary Table 1. Primers employed in the present study.

Name	Sequence 5'-3'
TPS-F	ATGCCTGGAAATAAGTACAACACTGCAG
TPS-R	TAAGGTGAGGAAGTGGTGTCAGCGA
59880TPS1connect-F	AGCTTTGATTCAACCATGCCTGGAAATAAG
59880TPS1connect-R	CTTATTTCCAGGCATGGTTGAATCAAAGCT
TNOSTPS1connect-F	ACTTCCTCACCTTAATGACCCCTAGAGTCA
TNOSTPS1connect-R	TGACTCTAGGGGTCATTAAGGTGAGGAAGT
59880-F	TTCTCCTAATCATAACGTTATTGGAAACATT
BAR-F	GTGCTTGTCTCGATGTAG
BAR-R	GAGGGGATCTACCATGAG
BAR-probe	FAM-ACATCCGCCGTGCCACCGAG-BHQ1
HMGB1-F	GAGGTAACAATTCCACTAA
HMGB1-R	CTTCCTCTTCTTCTTCTTC
HMGB1-probe	HEX-ATCACCTGCCGCTTCCTTCT-BHQ1
18S-F	GTGATGGGGATAGATCATTGCAATTGTTGG
18S-R	TGGACTTCTCGCGACGTCGCGGGGCGGCG
TPS1-FqPCR	ACGTCTTGTGCATTGGTCAT
TPS1-RqPCR	GCTCCACTGTCAGATGATGG
NOS-R	TACTAGATCGACCGGCATGCAAGCTGAT

TPS1-transgeneF	ATGTTTACTTATTCGGACTAGAGAGCTTCC
TPS1-transgeneR	TCTCAAGAGACCATGAATCTTCACCTCTTC
FT-FqPCR	TCCGTTTAATAGATCAATCAC
FT-RqPCR	CCACCATAACCAAAGTATAG



Supplementary Fig S1. TPS1 lines bear one copy per genome. Digital droplet PCR assay in TPS1 L1 and TPS1 L2. No template control (NTC) and WT. Arabidopsis HMGB1 gene was employed as normalizer.



Supplementary Fig. S2. Photosynthesis rates in TPS1 L1 and WT are similar at equal irradiation.

Twenty eight-days-old plants of each genotype were measured and data compared with T-Student $\alpha=0.05$, calculated $P(T \leq t)$ 0.97.