Table S1. Primers for Quantitative Real-Time PCR.

Primer	Peach Gene ID	Forward primer（5'-3'）	Reverse primer（5'-3'）
PpPG	*ppa006857m*	ATTGGCATCCCTAAACAG	CAAGCAACGCCTTCTATC
PpPE	*ppa021753m*	ACCCAGATGGATGGACAC	CGAAGCGAACAGGAACCC
Ppβ-GAL	*ppa001412m*	ACCAACATTGACAAACTCT	GGAGCATCATACGACTTG
PpTIR1	*ppa003344m*	CTTTGTATAATTGAGCCCCGAACT	CCAATATACTCAAACGCACGATCA
PpIAA1	*ppa011843m*	GATCACACAGATGCCCCTCC	GCTCCATCGACGCTTACTTTCA
PpIAA3	*ppa011755m*	AGCTGCCAAAAGATGTGACCAA	CACATAAATCCCACAACCCTCC
PpIAA5	*ppa011935m*	AAAGCGAAACGAAGAACCAAG	GCTCCATCCATGCTAACCTTGAC
PpIAA9	*ppa006744m*	GTATGCCACAATAGCTCGGAA	GAAGCCCAAGTCTAAGGTCTGT
PpIAA27	*ppa007893m*	TCTTCCTCTGCCCTCTCCACA	AGAGACCCCAATTCCAAGTCC
PpARF2'	*ppa022314m*	GCTCCGTGTTGGTGTTAGAC	GGCTTGTTCTTGGCTTGTAGTA
PpARF4	*ppa001557m*	CGGTGATGTGCTCTAATGCTACT	GCTACTCCTGCGGCTTATG
PpARF5	*ppa000946m*	GAAGGGCTGCTAAATGACCCAAGA	ATACAGCGAACACAACCAACGA
PpARF7	*ppa000708m*	AATTGAGCCTGTTGTAACTCC	TGCCAAAGTCATCTCCAAGCCAA
PpARF10	*ppa002082m*	CCAATCGGACGCTAACAAT	GTGCCTGAACTTCCATATCTC
PpARF12	*ppa002617m*	ACCTTTTGTGGCTTCTATACCTG	ATGGTTTTCACTTCTTTTGCCTT
PpTEF-2	*ppa001368m*	GTTGCCTTGGTCGGTCTTGA	ATTGAACAGCAACACGCACAA

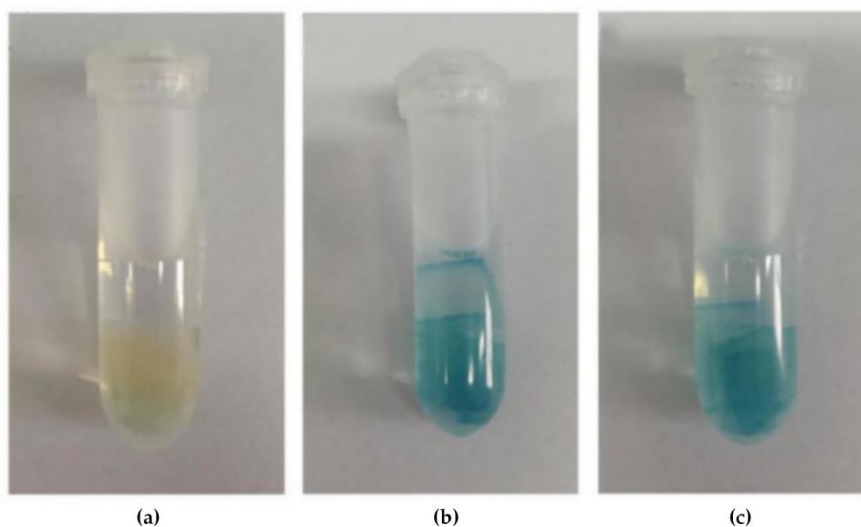**(a)**   **(b)**   **(c)**

Figure S1. GUS staining to verify the success of PpTIR1 overexpression gene in an isolated peach fruit block. (a) Untreated peach fruit block (negative control); (b) peach fruit block of transient transformation in a pCAMBIA3301-121peach fruit block (positive control); (c) peach fruit block of transient transformation in a pCAMBIA3301-121-PpTIR1 peach fruit block.