

Supplementary Materials

Table S1. Primers sequence			
Genes	Accession no.	Forward	Reverse
<i>SIDCL2</i>	<i>Solyc 06g048960</i>	GAGTGCCATAATGCACGAGG	TTGCCAATAACTATCTGCTGTG
<i>SIDCL4</i>	<i>Solyc 07g005030</i>	CTTTGTTGAACTACCTCCTG	ATTGCTAACTCCCTCCC
<i>SIAGO1a</i>	<i>Solyc 06g072300</i>	CTATCAGCCCCAGTTACGTTTG	ATCACCCTTTTGACATTCTCCTTG
<i>SIPR1</i>	NM_001247429	AACGCTCACAATGCAGCTCGT	AAGGTCCACCAGAGTGTTGC
<i>SIPR5</i>	NM_001247422	GCAACAACGTGCCATACACC	AGACTCCACCACAATCACC
<i>SIPti4</i>	NM_001347076	TCGTCGGGAAACGGTTCCAT	GACATCCAACCTGCATGACACTTG
<i>SIETR4</i>	NM_001247276	GGTAATCCCAAATCCAGAAGGTTT	CAATTGATGGCCGCAGTTG
<i>SIOPR3</i>	NM_001246944	ATGTTGGTCGTGCATCTCAT	GGTTCCAATTGCTCTTGTT
<i>SISTH2</i>	<i>Solyc05g054380</i>	GAAGGGGATCCATTGGGACAA	TTCCCATAGCACTATCTTTTCC
<i>SIPMR4</i>	<i>Solyc07g053980</i>	GCCGGCGGCGAGACAAGTTT	CAGCGCCAGCCAGTCAAGCA

TYLCTHV DNA-A	GU723754	TATTCGGTGTTGCACCTTGA	AGGCGGAATTCCCACTATCT
TYLCTHV DNA-B	GU723754	GGGTCTTTGGGGGAGAAA	TCGGATAGGACTGAATTCAG
TYLCTHV DNA-A_Semi	GU723754	TTTCCGTACTTTGTGTTTGATTGCCAGT	CATACAACGGAAACCGTGGACG
<i>Slβ-Actin</i>	TC178617	GGAAAAGCTTGCCTATGTGG	CCTGCAGCTTCCATACCAAT



Figure S1. Disease index of Yu-Nu tomato inoculated with tomato yellow leaf curl Thailand virus (TYLCTHV). Yu-Nu were inoculated with TYLCTHV by white fly vector. The disease index was classified into 5 levels according to the degree of yellowing, stunting, and wilting at 28 dpi to 35 dpi. 0 = no visible symptoms, inoculated plants show the same growth and development as non-inoculated plants; 1 = slight yellowing and minor curling of leaflet ends; 2 = wide range of leaf yellowing, curling and cupping, with some reduction in size; 3 = wide range of leaf yellowing, pronounced leaf cupping and curling; 4 = very severe plant stunting and leaf yellowing, pronounced leaf cupping and curling, and plant ceased to grow.

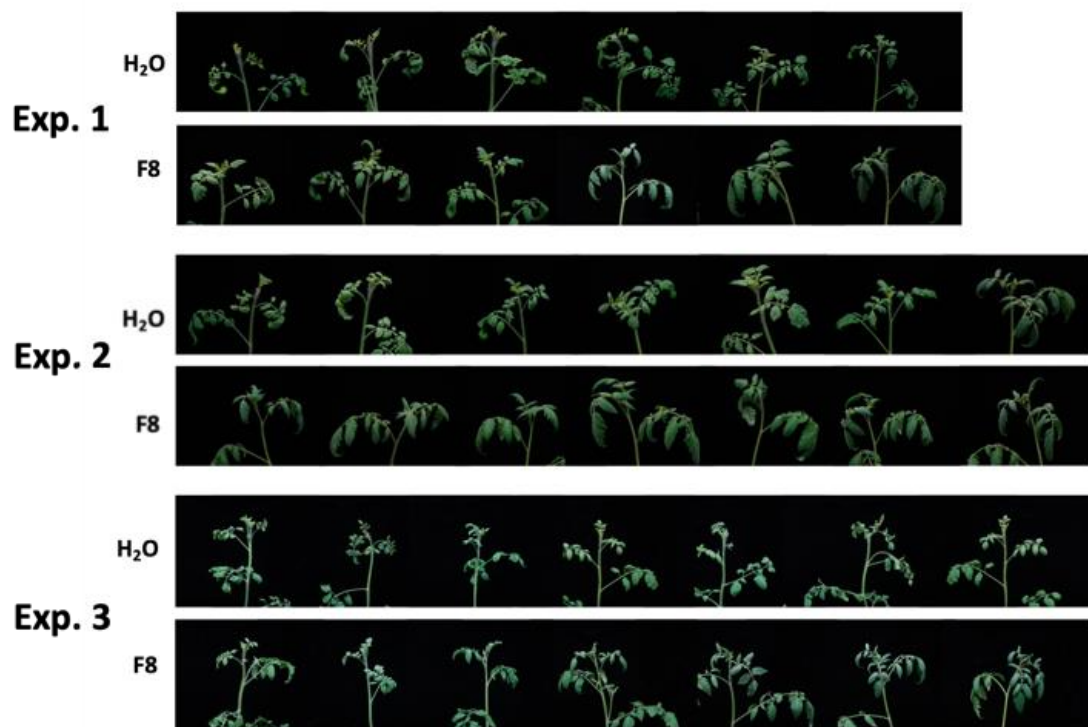


Figure S2. Symptom of Yu-Nu tomato inoculated with tomato yellow leaf curl Thailand virus (TYLCTHV). Disease symptoms of tomato plants pretreated with H₂O or F8-culture filtrate inoculated with TYLCTHV in 3 independent replicates of experiments (Exp.1, Exp. 2, and Exp. 3). The photos were taken at 28 dpi.

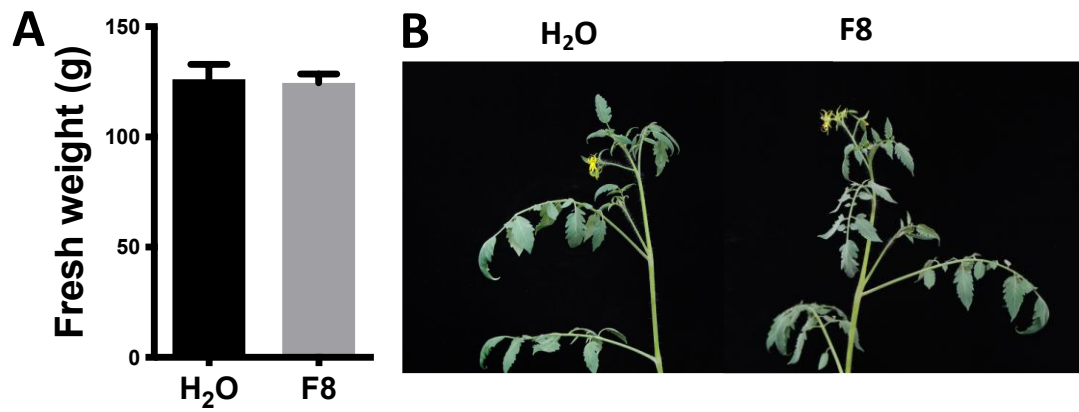


Figure S3. Fresh weight of Yu-Nu tomato with H₂O or F8-culture filtrate pretreatment of repeated experiment set. **(A)** The average fresh weight was recorded for each treatment group ($n = 8$). **(B)** The phenotype of H₂O or F8-culture filtrate at 5 weeks post treatment.