

Supplementary data

Table S1. Top 20 KEGG pathways of DEGs

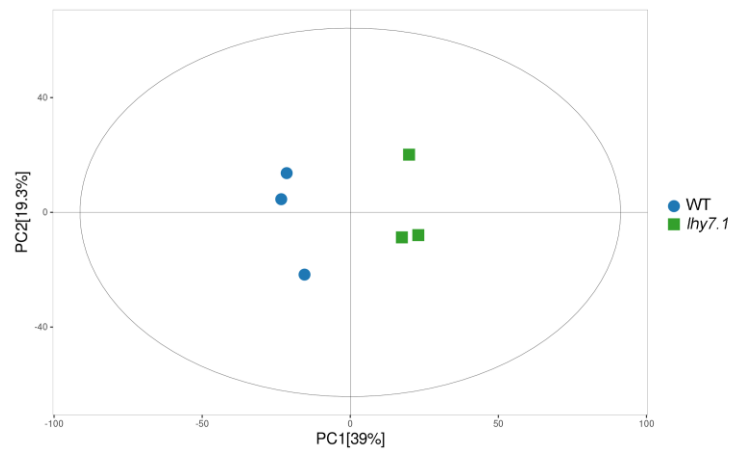
Pathway	Ko _ ID	DEGs number	%
Plant-pathogen interaction	ko04626	152	9.07
Plant hormone signal transduction	ko04075	143	8.53
Carbon metabolism	ko01200	112	6.68
Starch and sucrose metabolism	ko00500	80	4.77
Photosynthesis	ko00195	80	4.77
Phenylpropanoid biosynthesis	ko00940	76	4.53
Biosynthesis of amino acids	ko01230	69	4.12
Carbon fixation in photosynthetic organisms	ko00710	60	3.58
Glyoxylate and dicarboxylate metabolism	ko00630	58	3.46
Protein processing in endoplasmic reticulum	ko04141	58	3.46
Ribosome	ko03010	55	3.28
Pentose and glucuronate interconversions	ko00040	47	2.80
Glycolysis / Gluconeogenesis	ko00010	43	2.57
Amino sugar and nucleotide sugar metabolism	ko00520	42	2.51
Endocytosis	ko04144	41	2.45
Spliceosome	ko03040	41	2.45
RNA transport	ko03013	39	2.33
ABC transporters	ko02010	39	2.33
Glycerolipid metabolism	ko00561	38	2.27
Cysteine and methionine metabolism	ko00270	35	2.09

Table S2. The expression of 6 DEGs in RNA-seq

Gene ID	FPKM (WT)	FPKM	FDR	FC	Regulated
<i>BraC01g000200</i>	21.0856	3.9336	3.7340E-09	-	down
<i>BraC01g040730</i>	6.1388	0.2226	2.8372E-20	-	down
<i>BraC01g032200</i>	0.1782	0.8921	1.3800E-05	1.9673	up
<i>BraC02g002040</i>	0.6190	14.4296	5.3766E-48	4.2434	up
<i>BraC05g045610</i>	0.2988	1.5292	1.7938E-06	2.0398	up
<i>BraC06g009990</i>	10.5523	0.2093	4.7462E-31	-	down

Table S3. qRT-PCR primer sequence

Genes ID	Primer discription	Primer sequence (5'-3')
<i>BraC02g002040</i>	Forward	GTTGTTCATGAGTATCTGGTGG
	Reverse	AAGTATTCATGTCGCCTCTCC
<i>BraC01g032200</i>	Forward	TATCCATGGAAGTAGAGTTTCTGG
	Reverse	AAAGCTGTAGACATCAGAGGG
<i>BraC05g045610</i>	Forward	GTATAGTGTCAGAGTTCCTTCCAC
	Reverse	GTCAGCTACCTTAACAGTCCA
<i>BraC01g000200</i>	Forward	GACGGAGAACACGACATTGAC
	Reverse	TCCCGACAAGAACATGATTCC
<i>BraC01g040730</i>	Forward	CTCTTCAGAGCAAGTTCTTTGAG
	Reverse	GACCAAGCTTAGGCTTCTCC
<i>BraC06g009990</i>	Forward	TGAAGGATTAAGAGACATGAGGG
	Reverse	GAGATACGACTCGTACACCT
<i>GAPDH</i>	Forward	GACTGGAGAGGTGGAAGAGCC
	Reverse	ACTGAAACATCAACGGTGGGA

**Figure S1.** PCA of proteome