

Supplementary Materials

Table S1. The primers were used for the quantitative real time PCR.

Gene	Primer	Sequence
<i>MaWRKY24</i>	QMaWRKY24-F	GAAGACTTGGAGTTGGGCGG
	QMaWRKY24-R	TCATGAGAAGAAGCTGGAGA
<i>MaATG8f</i>	QMaATG8f-F	ATGGCGAAGAGTTCCTTCAA
	QMaATG8f-R	TTAAACAGATCCAAATGTGT
<i>MaATG8g</i>	QMaATG8g-F	ATGGCGAAGAATTCCTTCAA
	QMaATG8g-R	CTACGCAGACCCAAATGTGT
<i>MaRPS2</i>	QMaRPS2-F	TAGGGATTCCGACGATTTGTTT
	QMaRPS2-R	TAGCGTCATCATTGGCTGGGA
<i>MaATG8f</i>	QChIP-MaATG8f-1F	TCCATCTTGTTATTAGTATC
	QChIP-MaATG8f-1R	AAACAAAAGTCAAAATCC
	QChIP-MaATG8f-2F	GCAGAAGTTGCTTGATA
	QChIP-MaATG8f-2R	ATTAGTGGAGCTTTAGTT
<i>MaATG8g</i>	QChIP-MaATG8g-1F	TTCGCTGGCAATAACGGACTT
	QChIP-MaATG8g-1R	TTCTTGTGCTCGGCGGTGG
<i>MaACT</i>	QChIP-MaACT-F	AAGGTCAGTCGACTTCGTCTTC
	QChIP-MaACT-R	AGTTACCAAATGTTGCTCGAT

Table S2. The primers were used for the vector construction.

Gene	Primer	Sequence	Construction
<i>MaWRKY24</i>	MaWRKY24-F	TCCCCCGGGATGGAGAAAGGCAAAGCAAG	MaWRKY24-pEGAD
	MaWRKY24-R	CGCGGATCCTCATGAGAAGAAGCTGGAGA	
<i>MaWRKY24</i>	MaWRKY24-F	CGCGGATCCATGGAGAAAGGCAAAGCAAG	MaWRKY24-pET28a
	MaWRKY24-R	AAGGAAAAAAGCGCCGCTGAGAAGAAGCTGGAG AAGT	
<i>MaATG8f</i>	pMaATG8f-F	CGGGGTACCATATTTTGTAGTGTGTAAAT	pMaATG8f-pGreen II 0800-LUC
	pMaATG8f-R	TCCCCCGGGAAGGATTGATAAATATAAG	
<i>MaATG8g</i>	pMaATG8g-F	CGGGGTACCCAACCATGCGGAGGTAGTCG	pMaATG8g-pGreen II 0800-LUC
	pMaATG8g-R	TCCCCCGGGCTCGTCGACCAAGATCGCG	
<i>W-box-mini35S</i>	W-box-mini35S-F	TCCCCCGGGTTGACCTTGACTTTGACCTTGACTTTG ACCTTGACGATATCTCCACTGACGTAAGGG	pW-box-mini35S-pGreen II 0800-LUC
	W-box-mini35S-R	CGCGGATCCCGTGTCTCTCCAAATGAAATG	
<i>mW-box-mini35S</i>	mW-box-mini35S-F	TCCCCCGGGTTCTGGTTCTGTTTCTGGTTCTGTTTCT GGTTCTGGATATCTCCACTGACGTAAGGG	pmW-box-mini35S-pGreen II 0800-LUC
	mW-box-mini35S-R	CGCGGATCCCGTGTCTCTCCAAATGAAATG	

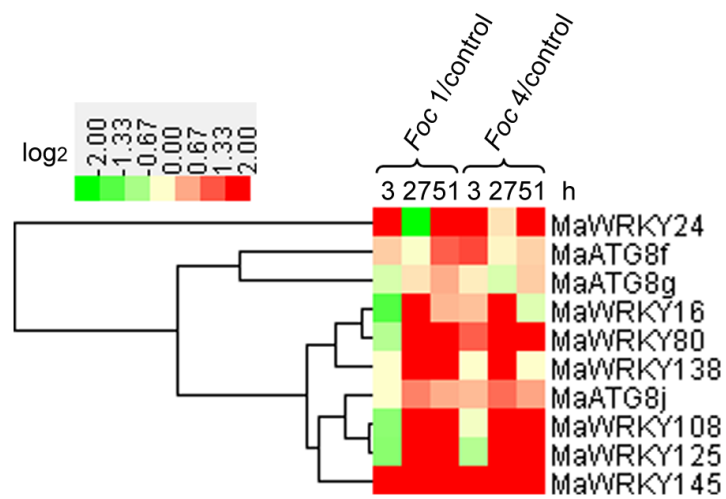


Figure S1. Cluster analysis of correlation between *MaWRKYs* and *MaATG8s* expression. The transcriptomic data were downloaded from Li et al. (2013). For the assay, banana roots were inoculated by *Foc* 1 or *Foc* 4, respectively. The heatmap of gene expression was constructed using CLUSTER program and Java Treeview.