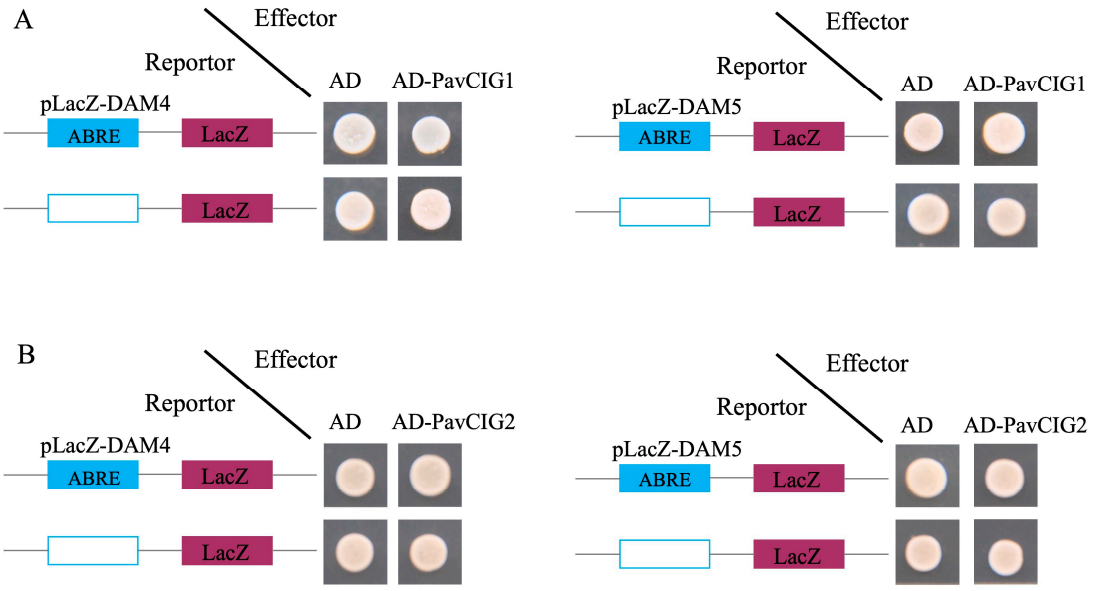
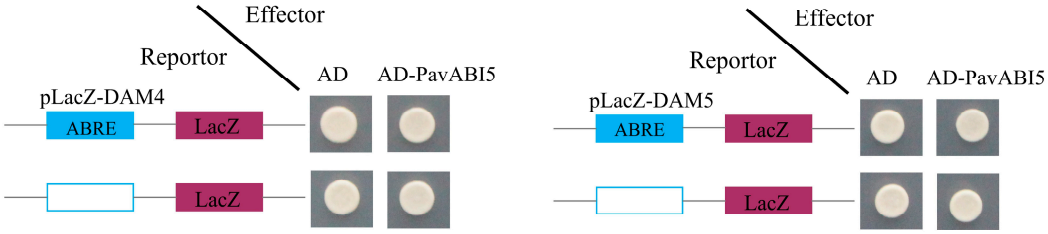


Supplementary Figure S1. Yeast one-hybrid assay was performed to confirm the interactions between PavCIG1/2 and the PavDAM4/5 promoters. (A) Interactions between PavCIG1 and PavDAM4/5. (B) Interactions between PavCIG2 and PavDAM4/5. Empty pLacZ vector was used as the control.



Supplementary Figure S2. Interactions between PavABI5 and PavDAM4/5. Yeast one-hybrid assay was performed to confirm the interactions between PavABI5 and the PavDAM4/5 promoters. Empty pLacZ vector was used as the control.

Supplementary Table S1 List of primer sequences used in this study

Gene	Forward primer (5'-3')	Reverse primer (5'-3')
For gene cloning		
PavABI5	AAACATGGGGGTTTCGGAGT	CTCTGTCTTGCATATCATAAGGGG
PavCIG1	AGCTCACTCTCTCATGGATATGATC	CAAAAACATCAATCAGATTGAGAAACT
PavCIG2	AGCTCTACACACACCTCTCTCTC	CCCTACAATCTTTATCAGCGAC
For real-time qPCR		

PavACTIN	CGGTATTGCAGACGGATGAGC	GGTACTGAGGGATGCAAGGATGG
PavABI5	AGAGGAGGCAGAGAAGGATGATTA	GCATTGTCCTCTCTTAACTGGTTC
PavCIG1	TGCGCACTTCGGACGTCATA	GGACTTCTTCTTGTTGGGCTGT
PavCIG2	GAAGAATTTTAGCGTGGATATGG	TGTCATCCCAACTCAAGTAGCC
PavDAM1	AGGGGACGATGAAAATGATGAGG	GATAACTGCCACCTCAGATTCACA
PavDAM2	GTTAGAACAACTGGTGGACGCAAG	AGCTGCTGATGGTTGCATTTGTGG
PavDAM3	AGCCAACAACCAGTTAAGGCAGAC	GTCATCTCCAAGAGAGTGAGCACT
PavDAM4	AGCCAACAACCAGTTAAGGCAGAC	CAAGAGAGAGACTGAGAGCACTGTT
PavDAM5	AATTGAATGATCAAGAGATTGAA	CAGCTCTTCCTTAGTTTCCATG
PavDAM6	GAGTGAGATCATGTCACTGGAGAA	AGCTGGTAGAGGTGGCCATTGTG
For subcellular localization		
PavABI5	ACCAGTCTCTCTCTCAAGCTTATGGGGGTTTCGGAGTCCGAA	GCTCACCATGGATCCAAGCTTTAAGGGGCAACTATGACACCT
For promoter cloning		
Pro-PavCIG1	GACCAACTTTCCCTCCTTGATTA	CTTGCGTCGGATAACGAACTC
Pro-PavCIG2	TGATGCTCCATTTTTCAGGG	TGGTCGGGGGAGTCAGAAA
Pro-PavDAM4	ATGAATACTGAGGTGTCGTGTAACG	TTCTCCCTCATCATTTTCACCAT
Pro-PavDAM5	AAGATGACTGCTCCGACGA	CAGATAACTCTGCAGCTTTC
For yeast one-hybrid assay		
pB42AD-PavABI5	TGCCTCTCCCGAATTCATGGGGGTTTCGGAGT	TCCAAAGCTTCTCGAGTCATAAGGGGCAACTA
pB42AD-PavCIG1	TGCCTCTCCCGAATTCATGGATATGATCTTCG	TCCAAAGCTTCTCGAGTCAGATTGAGAAACTC
pB42AD-PavCIG2	TGCCTCTCCCGAATTCATGAACATGTTCTCCG	TCCAAAGCTTCTCGAGTCAGAAAGAGAAACTC
pLacZ-PavCIG1	TATTGGATCGGAATTCACCAACTTTCCCTCCT	GAGCACATGCCTCGAGATATTTGAGTGGTGTT
pLacZ-PavCIG2	TATTGGATCGGAATTCGCTGAGCTCGGAGTGG	GAGCACATGCCTCGAGCACGGACTGTGTGGAG
pLacZ-PavDAM4	TATTGGATCGGAATTCGAATGATTACCTGCAT	GAGCACATGCCTCGAGCAACCACTTTTCAAAT
pLacZ-PavDAM5	TATTGGATCGGAATTCATGACTGCTCCGACGA	GAGCACATGCCTCGAGTTCAAACCAACCACTT
For Luciferase reporter assays		
pGreen-proPavCIG1	CTTGATATCGAATTCCTGCAGACCAACTTTCCCTCCTTGATT	GCTCTAGAACTAGTGGATCCTATATTTGAGTGGTGTTTCTG
pGreen-proPavCIG2	CTTGATATCGAATTCCTGCAGAGCTCGGAGTGGGAGCCACGT	GCTCTAGAACTAGTGGATCCACGGACTGTGTGGAGGCGCCA
pRI101-ABI5	ACATATGCCCGTCGACATGGGGGTTTCGGAGT	TACCCCCGGGGTCGACTCATAAGGGGCAACTA