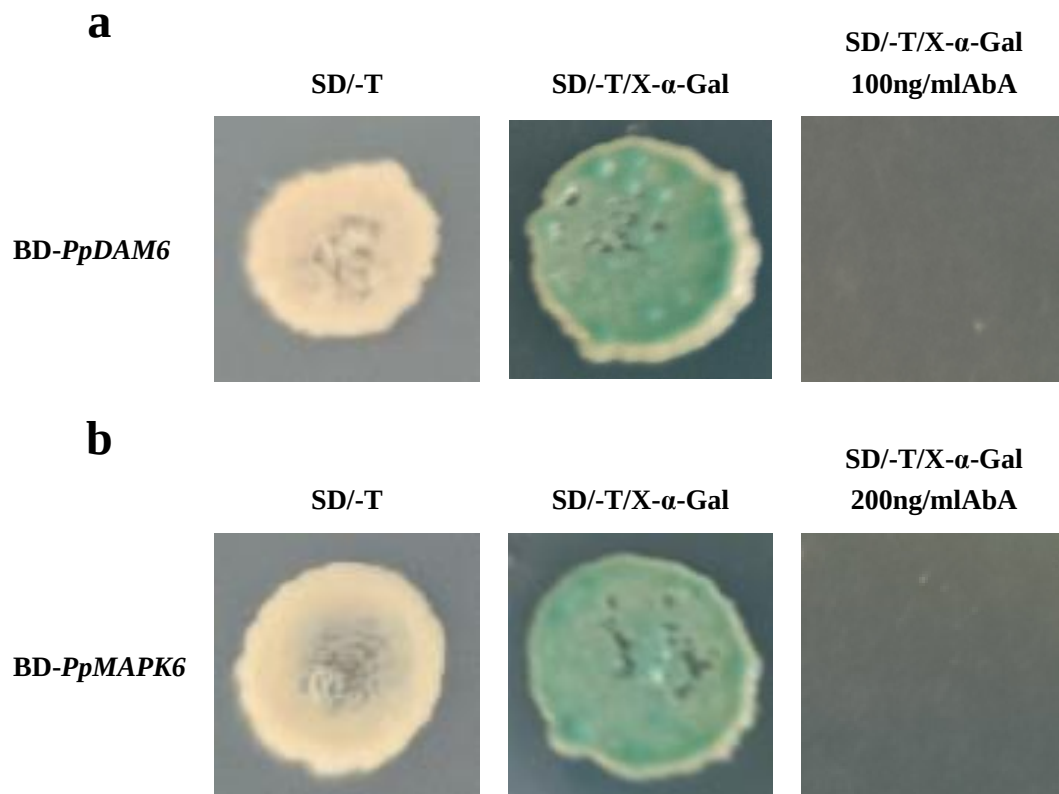
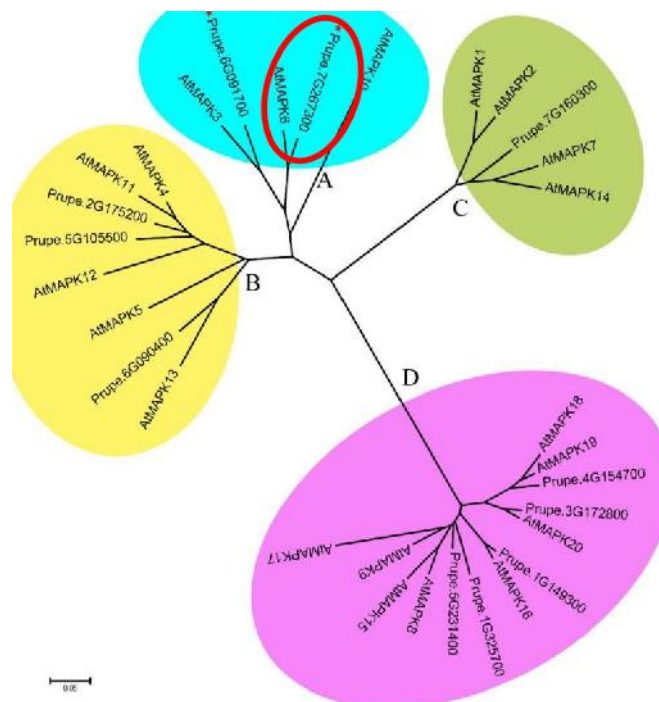


Appendix A Primers used in this research

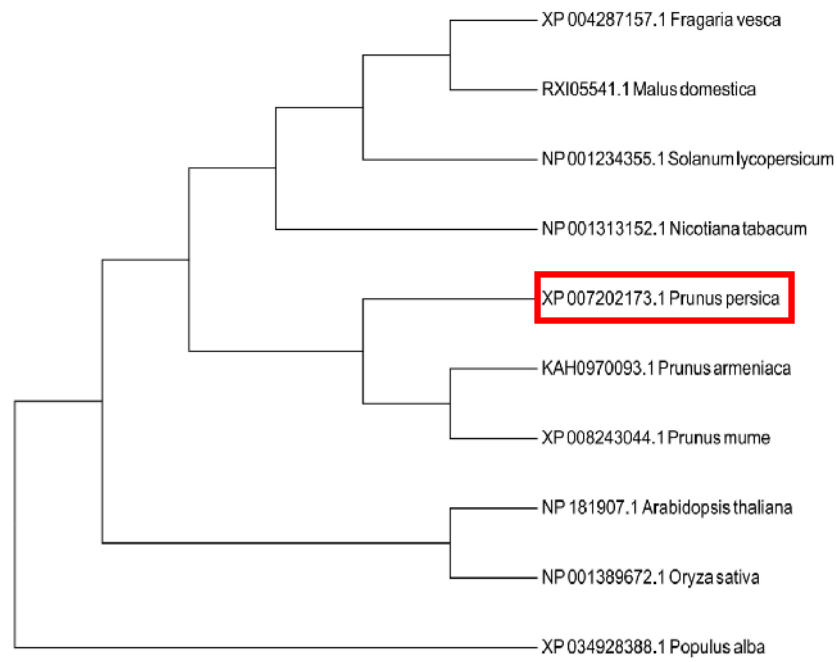
Primer name	Primer sequence (5'→3')	Usage
BD- <i>PpDAM6</i> -F	tcagaggaggacctgcatatgatgATGAGGGAGAAGATCAAGATCA	Y2H
BD- <i>PpDAM6</i> -R	ccgctgcaggctcgacggatcctttGTTTCGATTTTTCGAGATCATT	Y2H
BD- <i>PpMAPK6</i> -F	tcagaggaggacctgcatatgATGGAGGCAAGAGGGGCG	Y2H
BD- <i>PpMAPK6</i> -R	ccgctgcaggctcgacggatccTTGTGGCTGATACTCGGGGT	Y2H
AD- <i>PpDAM6</i> -F	gtaccagattacgctcatatgATGATGAGGGAGAAGATCAAGATCA	Y2H
AD- <i>PpDAM6</i> -R	cagctcgagctcgatggatccCTAGGGAAGCCCCAGTTTGAG	Y2H
AD- <i>PpDAM6</i> (0-240 bp)-F	gtaccagattacgctcatatgATGATGAGGGAGAAGATCAAGATCA	Y2H
AD- <i>PpDAM6</i> (0-240 bp)-R	cgagctcgatggatccCTCAAGAACTGTTTGTTTCGATTTTT	Y2H
AD- <i>PpDAM6</i> (241-717 bp)-F	gtaccagattacgctcatatgCAGTTTCTTGAGCTGCAACTGG	Y2H
AD- <i>PpDAM6</i> (241-717bp)-R	cagctcgagctcgatggatccCTAGGGAAGCCCCAGTTTGAG	Y2H
<i>PpMAPK6</i> -CYEP-F	tggcgcgccactagtgatccATGGAGGCAAGAGGGGCG	BiFC
<i>PpMAPK6</i> -CYEP-R	agcggtagcctcgaggctgacTCATTGTGGCTGATACTCGGG	BiFC
<i>PpDAM6</i> -NYEP-F	tggcgcgccactagtgatccATGATGAGGGAGAAGATCAAGATCA	BiFC
<i>PpDAM6</i> -NYEP-R	agcggtagcctcgaggctgacCTAGGGAAGCCCCAGTTTGAG	BiFC
<i>PpMAPK6</i> -GFP-F	ATGGAGGCAAGAGGGGCGGC	Subcellular localization
<i>PpMAPK6</i> -GFP-R	TTGTGGCTGATACTCGGGGTTA	Subcellular localization
RT- <i>PpDAM6</i> -F	TACTGGACCTGCGTTTGTGGAGCC	qRT-PCR
RT- <i>PpDAM6</i> -R	TGTTGCAGCTGGTGGAGGTGGCAATT	qRT-PCR
RT- <i>PpMAPK6</i> -F	GCACCCCATCAGAGACTGAG	qRT-PCR
RT- <i>PpMAPK6</i> -R	AGGATGGACGTGAGGGAAC	qRT-PCR
UBQ-F	CGAACCTAGCCGATTACAA	Actin
UBQ-R	AGTGGTTCGCCATGAAAGTC	Actin



Appendix B Identification of *PpDAM6* and *PpMAPK6* self-activation



Appendix C The relatedness of Arabidopsis and peach MAPK genes.



Appendix D Phylogenetic tree analysis of *PpMAPK6*.