

Table 3 Target genes involved in plant-pathogen interaction

Target gene	Expression	miRNA	Predicted protein	Function
Potri.007G112400	↓	miR6479	Calcium-dependent protein kinase	Protein tyrosine kinase activity
Potri.016G066700	↑	miR7815	Calcium-dependent protein kinase	Protein tyrosine kinase activity; catalytic activity; protein phosphorylation
Potri.016G043600	↑	miR156k	Calcium-binding protein	EF hand family protein
Potri.004G065400	↑	miR478e	Flagellin-sensitive 2	Calcium ion binding; protein serine /threonine kinase activity
Potri.T131500	↑	miR6444	Pathogenesis-related protein 1	Response to jasmonic acid stimulus; systemic acquired resistance
Potri.001G428100	↓	miR482a.2	Disease resistance protein RPS2	NB-ARC domain; leucine-rich repeat-containing protein
Potri.011G124000	↓	miR482b-3p	Disease resistance protein RPS2	NB-ARC domain; leucine-rich repeat-containing protein
Potri.011G127200	↑	miR395a	Disease resistance protein RPS2	NB-ARC domain; leucine-rich repeat-containing protein
Potri.005G096600	↑	miR6449	Transcription factor MYB	MYB-like DNA-binding domain
Potri.006G221800	↓	miR6470	Transcription factor MYB	MYB-like DNA-binding domain
Potri.015G046200	↑	miR478e	Transcription factor MYB	MYB-like DNA-binding domain
Potri.017G130300	↑	miR6439a	Transcription factor MYB	MYB-like DNA-binding domain
Potri.018G032200	↑	miR160e-3p	Solute carrier family 45, member 3	Catalytic activity; fatty acid biosynthetic process