

Table 4 Target genes involved in phenylpropanoid biosynthesis

Target gene	Expression	miRNA	Predicted protein	Function
Potri.015G003600	↓	miR6427-3p	Prx2540 peroxidase	Peroxidase activity
Potri.005G117500	↓	miR6443	Ferulate-5-hydroxylase	Oxidoreductase activity
Potri.007G016400	↓	miR6462e,f	Ferulate-5-hydroxylase	Oxidoreductase activity
Potri.009G099800	↑	miR6475	Caffeoyl-CoA o-methyltransferase	O-methyltransferase activity
Potri.012G006800	↑	miR7814	Prx2540 peroxidase	Peroxidase activity
Potri.014G106600	↑	miR7817a	Caffeic acid 3-o-methyltransferase	Methyltransferase activity
Potri.001G045100	↑	miR7835	Cinnamoyl-CoA reductase	3-beta-hydroxy-delta5-steroid dehydrogenase activity; steroid biosynthetic process
Potri.001G046100	↑	miR7835	Cinnamoyl-CoA reductase	3-beta-hydroxy-delta5-steroid dehydrogenase activity; steroid biosynthetic process
Potri.001G046400	↑	miR7835	Cinnamoyl-CoA reductase	Catalytic activity; 3-beta-hydroxy-delta5-steroid dehydrogenase activity; steroid biosynthetic process
Potri.001G045500	↑	miR7835	Cinnamoyl-CoA reductase	Catalytic activity; 3-beta-hydroxy-delta5-steroid dehydrogenase activity; steroid biosynthetic process