

Table 2 The functional information of candidate genes

Gene function	ID for candidate genes	Reference
ethylene	Potri.001G280100; Potri.001G356100; Potri.015G023200	Potri.001G315300; Potri.007G043400; Potri.001G313500; Potri.007G046500; Ruttink et al., 2007; Howe et al., 2015
auxin	Potri.001G327500; Potri.012G023400	Potri.001G358500; Potri.011G091900; Baba et al., 2011
gibberellin	Potri.001G278200; Potri.007G103800; Potri.011G134000	Potri.001G315500; Potri.011G095600; Potri.001G350600; Rohde and Bhalerao 2007; Baba et al., 2011
abscisic acid	Potri.001G356100; Potri.011G127800; Potri.015G020500	Potri.007G045800; Potri.007G044300; Rohde and Bhalerao 2007; Ruttink et al., 2007
dormancy	Potri.001G281200; Potri.007G128400; Potri.009G149400	Potri.001G317200; Potri.015G018700; Potri.007G123900; Rohde and Bhalerao 2007 Potri.015G022400;
CO/FT	Potri.001G324600; Potri.007G131100	Potri.001G281700; Potri.007G045800; Ruttink et al., 2007; Hsu et al., 2011
light signaling pathway	Potri.001G281000; Potri.007G103800; Potri.012G022400	Potri.001G358400; Potri.011G095600; Potri.007G044300; Ruttink et al., 2007; Fabbrini et al., 2012
ultraviolet-B receptor	Potri.007G100200; Potri.012G018600	Ruttink et al., 2007; Fabbrini et al., 2012
cold-regulated	Potri.001G318100; Potri.007G023100; Potri.009G109800	Potri.001G312700; Potri.009G109800; Potri.001G353500; Howe et al., 2015 Potri.015G019800;