**Supplementary Table S8.** Primers. AGI codes were extracted from TAIR (www.arabidopsis.org).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Gene/**  **mutant/**  **insertion** | **AGI** | **Sequence** | **Citation/link for primer** |
| **Genotyping** | | | | |
| ANS584 | *ttg1-11* | AT5G24520 | CTGATACGCCTTTGTTAAGAC | (Jaegle et al., 2016) |
| ANS585 | *ttg1-11* | AT5G24520 | CAATACCAATCCAATCAGGCTGCGAAGAAGACCACTGCAGCT | (Jaegle et al., 2016) |
| ANS584 | *ttg1-92* | AT5G24520 | CTGATACGCCTTTGTTAAGAC | (Jaegle et al., 2016) |
| ANS632 ttg1-9 dCAPS-as | *ttg1-92* | AT5G24520 | CCCAAATAAGAGCCTGTGTATCATCACCTCGA | this study |
| ANS635 ttg1-10-s | *ttg1-103* | AT5G24520 | GATTAGAGTGTCACATATTAATGTTG | this study |
| ANS636 ttg1-10 dCAPS-as | *ttg1-103* | AT5G24520 | CTGATTCGATTCGAGATTTGGCTT**G**TT**A**A | this study |
| ANS633 ttg1-11-s | *ttg1-114* | AT5G24520 | CATCCTTATCCTCCAACAAAGCTAATG | this study |
| ANS634 ttg1-11 dCAPS-as | *ttg1-114* | AT5G24520 | ATCGTACACGTCGTATCAATACTACA**G**GT**A**C | this study |
| ANS635 ttg1-10-s | *ttg1-21* | AT5G24520 | GATTAGAGTGTCACATATTAATGTTG | this study |
| ANS536 (GKo8409) | *ttg1-21* | AT5G24520 | ATATTGACCATCATACTCATTGC | www.gabi-kat.de/faq/ vector-a-primer-info.html |
| ANS536 (GKo8409) | *ttg1-22* | AT5G24520 | ATATTGACCATCATACTCATTGC | www.gabi-kat.de/faq/ vector-a-primer-info.html |
| ANS585 | *ttg1-22* | AT5G24520 | CAATACCAATCCAATCAGGCTGCGAAGAAGACCACTGCAGCT | (Jaegle et al., 2016) |
| ANS183 COP1dCAPS cop1-4 | *cop1-45* | AT2G32950 | CCAAAGAAGGATGCGCTGAGTGGGTCAGATACG | (Schrader et al., 2013) |
| ANS184 cop1-4 genotyping as genomic | *cop1-45* | AT2G32950 | TCTCGAGCTGTCAATCCAGATGACCAAG | (Schrader et al., 2013) |
| ANS535 GK545D05 | *gl3-3* | AT5G41315 | ATGGATACTATAATGGAGATATCAA | (Appelhagen et al., 2011) |
| ANS537 gl3-3as | *gl3-3* | AT5G41315 | GTTACATAGCAACTACATCAATAC | this study |
| ANS538 egl3-19114s | *egl3-19117* | AT1G63650 | TAACCGATTCTAGCAAATCTGTTTC | this study |
| ANS539 egl3-19114as | *egl3-19117* | AT1G63650 | GCAATCAACATTAAACATTACATATC | this study |
| ANS523 bHLH12 | *bHLH12/myc1* | AT4G00480 | ATGTCTTTGACAATGGCTGATGGTGTAGAAG | this study |
| ANS545 bHLH12as | *bHLH12/myc1* | AT4G00480 | GACATTTCTCATTACTTCTTTATTG | this study |
| ANS525 Lba1 | SALK |  | TGGTTCACGTAGTGGGCCATCG | http://signal.salk.edu/tdna\_FAQs.html |
| ANS536 (GKo8409) | GABI-Kat |  | ATATTGACCATCATACTCATTGC | www.gabi-kat.de/faq/ vector-a-primer-info.html |
| **Test for genomic DNA in cDNA preparations** | | | | |
| ANS167 (EF1a-UP) | *EF1ALPHA* | AT5G60390 | ATGCCCCAGGACATCGTGATTTCAT | (Kirik et al., 2007) |
| ANS168 (EF1a-RP) | *EF1ALPHA* | AT5G60390 | TTGGCGGCACCCTTAGCTGGATCA | (Kirik et al., 2007) |
| **qPCR** |  |  |  |  |
| ANS845 PRR9\_qPCR\_s | *PRR9* | AT2G46790 | CTGATGCGTCGGCCTTCTC | (Wang et al., 2011) |
| ANS846\_PRR9\_qPCRas | *PRR9* | AT2G46790 | CGACGGCTTTTTCTGCTGACT | (Wang et al., 2011) |
| ANS847 PRR7\_qPCR\_s | *PRR7* | AT5G02810 | AGAGGTGCTTCCGAAAGAAGGT | (Wang et al., 2011) |
| ANS848\_PRR7\_qPCRas | *PRR7* | AT5G02810 | CTGCTAGTTTTTTCCGGCTTTG | (Wang et al., 2011) |
| ANS849 PRR5\_qPCR\_s\* | *PRR5* | AT5G24470 | TTCCGAATGAAGCGAAAGGAC | (Wang et al., 2011) |
| ANS850\_PRR5\_qPCRas\* | *PRR5* | AT5G24470 | CCGGCTCTCGTAACGAACCT | (Wang et al., 2011) |
| ANS853 FLC\_qPCRs | *FLC* | AT5G10140 | TGTTCAACTGGAGGAACACCTTG | (Wang et al., 2014) |
| ANS854 FLC\_qPCRas | *FLC* | AT5G10140 | AGCTTCAACATGAGTTCGGTCTTC | (Wang et al., 2014) |
| ANS855 GI\_qPCRs | *GI* | AT1G22770 | GGGTAAATATGCTGCTGGAGA | (Nakamichi et al., 2007) |
| ANS856 GI\_qPCRas | *GI* | AT1G22770 | CAGTATGACACCAGCTCCATT | (Nakamichi et al., 2007) |
| ANS519 (UBQ10 F3) | *UBQ10* | AT4G05320 | GGCCTTGTATAATCCCTGATGAATAAG | (Maier et al., 2013) |
| ANS520 (UBQ10 R3) | *UBQ10* | AT4G05320 | AAAGAGATAACAGGAACGGAAACATAGT | (Maier et al., 2013) |
| ANS788 (TOC1s) | *TOC1* | AT5G61380 | ATCTTCGCAGAATCCCTGTGATA | (Wenden et al., 2011) |
| ANS789 (TOC1as) | *TOC1* | AT5G61380 | GCACCTAGCTTCAAGCACTTTACA | (Wenden et al., 2011) |
| ANS790 (CCA1s) | *CCA1* | AT2G46830 | TCTGTGTCTGACGAGGGTCGAATT | (Shin et al., 2017) |
| ANS791 (CCA1as) | *CCA1* | AT2G46830 | ACTTTGCGGCAATACCTCTCTGG | (Shin et al., 2017) |
| ANS792 (LHYs) | *LHY* | AT1G01060 | CAACAGCAACAACAATGCAACTAC | (Shin et al., 2017) |
| ANS793 (LHYas) | *LHY* | AT1G01060 | AGAGAGCCTGAAACGCTATACGA | (Shin et al., 2017) |
| ANS799 (AP2s) | *AP2* | AT4G36920 | CGAAGCTGCTAGAGCTTACG | (Grigorova et al., 2011) |
| ANS800 (AP2as) | *AP2* | AT4G36920 | CGAGGTTGTGATCTTGTGGAGTAG | (Grigorova et al., 2011) |
| ANS801 (TOE1s) | *TOE1* | AT2G28550 | TGATGAGTAACTGGGGATGGC | (Zhang et al., 2015) |
| ANS802 (TOE1as) | *TOE1* | AT2G28550 | GCATTGTCATTGGGAGGTTG | (Zhang et al., 2015) |
| ANS803 (TOE2s) | *TOE2* | AT5G60120 | CATCATCCTTCTCAGCCCTTC | (Zhang et al., 2015) |
| ANS804 (TOE2as) | *TOE2* | AT5G60120 | GCCTTCCAACTTATTCCAACC | (Zhang et al., 2015) |
| ANS805 (TOE3s) | *TOE3* | AT5G67180 | AAGAATCCGACAGTAGAGGG | (Zou et al., 2013) |
| ANS806 (TOE3as) | *TOE3* | AT5G67180 | CTTACCGACACTATTGAAACCG | (Zou et al., 2013) |
| ANS807 (SMZs) | *SMZ* | AT3G54990 | CGTAGCTCCCAATATCGTGGC | (Zhang et al., 2015) |
| ANS808 (SMZas) | *SMZ* | AT3G54990 | GCGTAAGCAGTATCAAACCCG | (Zhang et al., 2015) |
| ANS809 (SNZs) | *SNZ* | AT2G39250 | CAGCAGATTATTACATGGGTTTG | (Yu et al., 2012) |
| ANS810 (SNZas) | *SNZ* | AT2G39250 | GGTTTAATTTCTGTGATCGGTAGA | (Yu et al., 2012) |
| ANS811 (TEM1) | *TEM1* | AT1G25560 | ACCAGACCGGCAATTGTATATCCAC | (Yu et al., 2012) |
| ANS812 (TEM1as) | *TEM1* | AT1G25560 | ATCTCTCTTGCCAACACACTCTACTG | (Yu et al., 2012) |
| ANS813 (TEM2s) | *TEM2* | AT1G68840 | GACTAGAGCGGCAGTTATATAT | (Yu et al., 2012) |
| ANS814 (TEM2as) | *TEM2* | AT1G68840 | CTTTCCACCGCAAACGGCCA | (Yu et al., 2012) |
| ANS815 (SVPs) | *SVP* | AT2G22540 | CAAGGACTTGACATTGAAGAGCTTCA | (Li et al., 2008) |
| ANS816 (SVPas) | *SVP* | AT2G22540 | CTGATCTCACTCATAATCTTGTCAC | (Li et al., 2008) |
| ANS817 (SOC1s) | *SOC1* | AT2G45660 | AGCTGCAGAAAACGAGAAGCTCTCTG | (Li et al., 2008) |
| ANS818 (SOC1as) | *SOC1* | AT2G45660 | GGGCTACTCTCTTCATCACCTCTTCC | (Li et al., 2008) |
| BP018\_COqPCR\_s | *CO* | AT5G15840 | ATGCCTTCCTCGAAGCATACC | (Hayama et al., 2017) |
| BP019\_COqPCR\_as | *CO* | AT5G15840 | GCATGTGTCACAACAGCTTCAC | (Hayama et al., 2017) |
| BP020\_FTqPCR\_s | *FT* | AT1G65480 | TCAGAGGGAGAGTGGCTG | (Hayama et al., 2017) |
| BP021\_FTqPCR\_as | *FT* | AT1G65480 | TCACCGTTCGTTACTCGTATC | (Hayama et al., 2017) |
| BP005\_TTG1qPCR\_s (endo) | *TTG1* | AT5G24520 | CTGATTGGATTGGTATTGCT | this study |
| BP006\_TTG1qPCR\_as (endo) | *TTG1* | AT5G24520 | CGCAAACCAAACCTACTTAC | this study |
| New\_2\_fwd\_qPCR\_AtTTG1 (both) | *TTG1* | AT5G24520 | GTTGCTGAGCTTGAAAGACATC | provided by J. Schiffner |
| BP049\_TTG1\_no\_LWD\_fwd | *TTG1* | AT5G24520 | ACTATGCCTGTTGCTGAGCTTG | this study |
| New\_2\_rev\_qPCR\_AtTTG1 (both/no LWD) | *TTG1* | AT5G24520 | CTGTGTATCATCACCACCAGAA | provided by J. Schiffner |
| **Cloning** |  |  |  |  |
| ANS821 TOC1\_GWs | *TOC1/PRR1* | AT5G61380 | GGGGACAAGTTTGTACAAAAAAGCAGGCTTAATGGATTTGAACGGTGAGTG | this study |
| ANS822 TOC1\_Gwas | *TOC1/PRR1* | AT5G61380 | GGGGACCACTTTGTACAAGAAAGCTGGGTTTCAAGTTCCCAAAGCATCAT | this study |
| BP012\_PRR5\_GW\_s | *PRR5* | AT5G24470 | GGGGACAAGTTTGTACAAAAAAGCAGGCTTAATGACTAGTAGCGAGGAAGT | this study |
| BP013\_PRR5\_GW\_as | *PRR5* | AT5G24470 | GGGGACCACTTTGTACAAGAAAGCTGGGTTCTATGGAGCTTGTGTGGATT | this study |
| ANS823PRR7\_GWs | *PRR7* | AT5G02810 | GGGGACAAGTTTGTACAAAAAAGCAGGCTTAATGAATGCTAATGAGGAGGG | this study |
| ANS824 PRR7\_Gwas | *PRR7* | AT5G02810 | GGGGACCACTTTGTACAAGAAAGCTGGGTTTTAGCTATCCTCAATGTTTT | this study |
| ANS825 PRR9\_GWs | *PRR9* | AT2G46790 | GGGGACAAGTTTGTACAAAAAAGCAGGCTTAATGGGGGAGATTGTGGTTTT | this study |
| ANS826 PRR9\_GWas | *PRR9* | AT2G46790 | GGGGACCACTTTGTACAAGAAAGCTGGGTTTCATGATTTTGTAGACGCGT | this study |
| ANS393 CFP attB1 | *CFP-attB1* | - | GGGGACAAGTTTGTACAAAAAAGCAGGCTTAATGGTGAGCAAGGGCGAGGA | this study |
| ANS235 RFP-HA-attB1 rev | *CFP-attB1* | - | GGGGACCACTTTGTACAAGAAAGCTGGGTCTCAGAAGCCTGCCTTCTTGTAC | (Schrader et al., 2013) |
| BP016\_BHLH92.1\_GW\_s | *bHLH92* | AT5G43650 | GGGGACAAGTTTGTACAAAAAAGCAGGCTTAATGGATAACTTTTTTCTAGG | this study |
| BP017\_BHLH92.1\_GW\_as | *bHLH92* | AT5G43650 | GGGGACCACTTTGTACAAGAAAGCTGGGTTTTAGTAGTCTTTGTAAAAGG | this study |

1PvuII, 2XhoI, 3HpaI, 4KpnI, 5SnaBI used for dCAPS primers. (The dCAPS Finder 2.0 was used for dCAPS primer design (Neff et al., 2002).) \*The following ratios were used for qPCR: 2:1 (ANS849:ANS850)

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