

Appendix G Primers sequences used for the validation of DEGs.

Gene ID	Sense primer	Anti-sense primer
actin	TCTTACGGAGGCTCCACTTAAC	TCCACTAGCATAGAGGGAAAGC
LOC_Os01g01660	ACAAGACGGTGAACATACGGC	TCCGACTCCTGGATTTGCTT
LOC_Os01g28450	GCTCAAAACTCCCCGCAG	CGCTCGTGTCCCAGGTCA
LOC_Os01g41420	TACCTCGTCGCCATAAGC	GGCGGCGAGTACAATGAATA
LOC_Os01g51540	ACGGTGGAGGACCTGCTG	CGTGGACGGAATGGGACA
LOC_Os01g51570	CGGCAACATCAAGGTATCCA	CGCTTTCCTGGTCTGCTTT
LOC_Os01g63180	CAACAACGACGGCGAAGC	CAAGCCAATGGCGAAGTGAG
LOC_Os02g02930	GGAGTGCCACTTGTATTTG	GGAGATGACAGGAGGGATG
LOC_Os02g41670	CGCTGAGGCGTTTAAGATTG	AAAGAGCACCGTGGAGGC
LOC_Os02g48770	TCGCCGAGATGGAGTTTG	GGAGGAGTGGAAGAGGTGG
LOC_Os02g49460	GCTCTTACTTCAGCGTATCCC	TGAACCTGCGGTGTCCCT
LOC_Os02g50600	CGACCTGCTCCCCAAGTG	GGAGAAGTTGGCGTGGCAGTA
LOC_Os03g17790	GCCATCTTCTGCCGCCG	GCCACCAGCACATACACC
LOC_Os03g21710	GCGGAAATATGGGCAGAAAGA	TCGCCGTAGTAGGTGATGTCGT
LOC_Os03g58290	GAGTGAAGCCATTAAGAGCAAC	GGTAAACAAATCCTCCTGAAGC
LOC_Os03g60840	TTTGTCTTCTCGCCGTCTTCC	CGACCGTGCTTCTCCTCCTCT
LOC_Os04g21130	GACTTGCTGTCCTTCTCG	CTCGCATCATGTATTTCTTGG
LOC_Os04g24510	CTTCCCGTGCTGGTACTT	CGTCCGGCAATCCTACAT
LOC_Os04g41680	CCGAGGCGTTCTTCAATG	AGTAGGAGTGGGCAGCGTTA
LOC_Os07g03710	CCTGCTGCTTGTGGTGCT	TGTGCGGGTCCACGAAGTCC
LOC_Os07g03730	GGGTGGCGGAGAAGCAGTGGTA	GAAGACGCCGAGGCTGTTGT
LOC_Os07g05360	TGGAAGGGTAGCCAAGGG	TTCTCCAACATAGACATCACC
LOC_Os07g34260	GAGCCGAAAGGTGCTAAGGG	GCTGTCATCAGGTGCGTGGA
LOC_Os08g39730	TCCGCAACCCGAGCATAA	TATCACGGCCCGGAGGTAC
LOC_Os10g10130	GAAGGAGCCAGTGACCCA	TTGGAAGCGTTGAGATGC
LOC_Os10g28080	ACCCGAACATCGCCACCT	CCTGCTCGTCGTAGAACATCAC
LOC_Os10g38360	GCATTCTGCGACGACACG	TCAGCCCGACCTCCATCTT
LOC_Os11g02520	GCACCTACAATGATGGA	GGACAGCCTTGCACITTA
LOC_Os11g02530	CACGGTTGTCTACTACGGC	TGGCTGTCCGTGCTAATC
LOC_Os11g19240	TGCAAGTGCGGCGAGGAA	CGACCATGTTGATGACGGAGTG
LOC_Os11g31540	TGGGAATGAGCTGAATGG	TTCGCAGGGTGCTAATGG
LOC_Os11g37700	GTTGGCAAGGCTATTCTC	GTCCGTCTTATCTTCACTATCT
LOC_Os12g02450	GGAGGTTTGGTGATTCGG	CTTGGGTGTTTGGAGTTGT
LOC_Os12g14440	ATTTGGACGACAGGAGGG	TCGGCTGCACGTAGACAC
LOC_Os12g25200	GGCCGACGATGGATTTGG	TGGGCTCTGAGGAACCTTCTGG
LOC_Os12g27220	CTATGGTAATGGGCTTCTG	TTTATGTACGGTTTCTCACG
LOC_Os12g27254	AAGAGGATAGGAGGTGGC	ACATGGAGATGACGGTTG
LOC_Os12g36830	GGGCACTGTCACCACCAT	CCGGCACATCCAGAACCT
LOC_Os12g36850	GGGCACCATCCACATCAT	TCTTAACCTCCAACACCTCAAC