

Supplemental Table S1 The list of primer sequences for qRT-PCR

TAIR number	Gene name	Primer sequences (5' to 3')
At1g14410	WHIRLY1	FP: TTTTACGTGGGTCATTTCGAT RP: GTCCACTGTTAACGCAGCTT
At2g02740	WHIRLY3	FP: ACGGTGAAGTCTCGACAAAG RP: ATCGAATGACCCACGTAAAA
AT5G01820	CIPK14	FP:TAGACACGAATCCGCAGACGA RP:TCGTTCGTAGCCCTGTTTGAACC
AT1g13440	GAPC2	FP:ACCACTGTCCACTCTATCACTGA RP:TGAGGGATGGCAACACTTTCCC
AT3G24430	spot 1	FP:CACTTTGACGCTGATGGGAAACG RP:TGCCGAATTGCTTGACCACCTC
AT2G39730	spot 2	FP:AGACCGTATCGGTGTCTGCAAG RP:CCCTCAAAGCACCGAAGAAATCG
ATCG00120	spot 3	FP:TTCTTCCGTGGCTCAGGTAGTG RP:GGCCGTTTCAGCTACCACAATAG
AT5G45930	spot 4	FP:TGTGCTGAGCTGGACGTTGATG RP:AGCGCTCTAGCTGCTCTGTTTATC
AT3G12780	spot 5	FP:CGAGCTTCTTGGTATTGAGGTCAC RP:GGTAGAGAAGCCACCAAGCTTTCC
AT3G55800	spot 6	FP:TCGACAACCTCCGAATACAGCAAGC RP:AACCATTCTCCGGTGTATCGC
AT3G57260	spot 7	FP:AGCTTCCTTCTTCAACCACACAGC RP:TGGCAAGGTATCGCCTAGCATC
AT2G37220	spot 8	FP:GCTCAGCAGTTCAATGGCTATGAG RP:ACCATCTTCCCTCTTTGGTGGTG
AT5G54770	spot 9	FP:TTTCTCCGCCATGATTGTTCGC RP:AAGCCACACCAATCTCGTCAAGG
AT4G08390	spot 10	FP:TCTAGGCCAGAACGTAGTGGTTGG RP:TGCTCCAGGTCTTCTTTTCGTG
AT1G09130	spot 11	FP:TATGATGCCACATGCCAAAGCG RP:ACATCACTGGCAGGCATCAACC
AT4G10340	spot 12	FP:GCCGTAGTTGCTGAGGTTGTTT RP:AGCTTGTCCTCGAAATCCAATCCG
At5g35590	spot 13	FP:AGGTCGTCTCTTCCAAGTCGAG RP:TTCTGCGTAACGACGCATACTG
AT1G64510	spot 15	FP:CATGTCTGAAGATGAACGGCTTGG RP:TCCTGCCACAAGCAACTCTTCG
AT2G44650	spot 19	FP:GGACAACAAGTTGGACCTGGAAAG RP:CATCGGTTCCCAAATCGACCTC

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AT1G02930	spot 20	FP:AAGAGCCTTTCATCCTTCGCAACC RP:TGTCCTTGCCAGTTGAGAGAAGG
AT4G17090	spot 21	FP:AAAGCACGGTCTCAAACCTCCAG RP:ACTGCAAGAGTCTCCTACGTTTCC
AT4G13930	spot 22	FP:AAAGCCAATGCTGTTGCCCTTG RP:CAGAGCTTCTCAACCTTGTTCCG
AT4G11150	spot 24	FP:TGCGCGTCTTGATGTGGCATT RP:GCCGAACAACGACTTACGGATCAC
AT1G07890	spot 25	FP:TTCCACCCTGGAAGAGAGGAC RP:TGGTCACAACCCTTGGTAGCATC
AT4G25080	spot 26	FP:AGGAGCAATCGTCTCTGCTTCC RP:ATGGTAGTTGTGCCTTTGCCTTC
AT1G77090	spot 28	FP:CGAACCTGATGAAGAAGGTTGGAG RP:ACCAAGATCAGCGATCGATACAGG
AT4G14800	spot 29	FP:GGCGGATACATCAGCAGTTCACAG RP:TCCGTAAACTGAACCCGGTCAC
AT3G63190	spot 30	FP:GCGATGCTTGACAAGATTGAGGTG RP:CCGGAGTACTGATTTGGGCTATGC
AT4G38740	spot 31	FP:AGACGTGGTAAAGGCCATCGAG RP:ATCGGCAACAACCACAGGCTTC
AT4G05180	spot 33	FP:ACACCGTTATCTCCGCTAAGCC RP:TGATCTCGCCGCATAGTCCAAG
AT1G79040	spot 34	FP:TAACGGCAGCATGGACTTGAGG RP:ACTTGTAACACCGTATCCCTTGC
AT4G01050	spot 35	FP:ACCAACCGAAACAGAAGCCAAAC RP:ATGGAGGCTTCAAGTCAGGGTACG
AT3G47520	spot 36	FP:GCTCACTGTTAGGATTCAGAACGC RP:AACCTGCACCTGCCTTAGCATC
AT2G38230	spot 37	FP:AAGGCGGTGTTGCTCGAATGAG RP:TTTCGCCATCACCGGAATCGTC
AT1G76080	spot 38	FP:TTCTTGCTCGTCATGGGTGATG RP:CTGGTCCGGTTCAATACCTTCTTC
AT2G05840	spot 39	FP:AGGTCGTCTCTTCCAAGTCGAG RP:TTCTGCGTAACGACGCATACTG
AT2G21660	spot 44	FP:TCAATGGCGTCCGGTGATGTTG RP:TCATCAGTGGCCCATGCTAGAC
AT3G01390	spot 46	FP:AGAGGAAACTTGAGGAGACAAGC RP:CTTGCTCCAGCCTCTTCACATTCG

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AT5G11670	spot 47	FP:GGACCTCATTGGTGCTGTTAATGC RP:CCACACCGGATGTTCCAATGAG
AT5G65010	spot 48	FP:TGTCTTCCCGGATAACACACCTC RP:AGTCGCTCTAGCAGCACTCTTC
AT3G47930	spot 49	FP:GGCCACCTAAGGACAAACCAAAG RP:CCTGGACCCTATACTTCACAATGC
AT1G23310	spot 50	FP:TTACCAACGGGAGCTCTCCAAG RP:GTTGTCCTCAGATGGAACACACC
AT5G14780	spot 51	FP:AAGGAAGGCCCTGATTGCGAAC RP:AAGGGAGTGGAGATTAGGACGTG
AT2G06050	spot 52	FP:ACGTGCTTCTCATGCAGTGTATC RP:TACTTCACGTGGGAACCATCGG
AT1G29670	spot 53	FP:AGAAGAAACCGGTCGACAATTGGG RP:GCTGCACAACCTTGCGATACTGTG
AT4G09010	spot 54	FP:GCATATGGTTCAGCTGGTCAGTGG RP:TCAGCCTCTGTTGCATCACTCC
AT2G45820	spot 55	FP:TCTGGTTCGGCCGATAGAGATG RP:TTCCCAAGCATGCACATCAGAG
AT2G16600	spot 56	FP:ACATGACCGTCGGTGGCAAATC RP:TTCTCGGCGGTTTCTGGTGTTG
AT1G65260	spot 57	FP:TCTTGACAGTGAGGCCCTTAAAC RP:TTCAAAGCAGTAGCGTTGTCAGC
AT3G57560	spot 58	FP:ATACAGTTGCTGGAGAGCTTGCG RP:TTCCAGCCACATCAGTCAGCAG
AT3G01500	spot 59	FP:AGATGCCTTCGTGGTCCGTAAC RP:CAACGCCACCGTATTTGACCTTG
AT1G02920	spot 60	FP:AGCCTTTCATCTTCCGCAACCC RP:TTGGAGCCAAGGGAGACAAGTTGG
AT4G25130	spot 61	FP:ACTGGCACTACGGGACATAACG RP:ACCCTGACGATTCAAGGTGGTTG
AT1G73230	spot 62	FP:ATCAGCCAACTTGGACCAGATAAC RP:ACCTGGAGCTTGTTTCTGGAATTG