



Figure S2. Multiple sequence alignment of TaZIPs. The Muscle algorithm (Edgar, 2004) was used for the alignment of sequences and the BoxShade software was used to generate this figure.

TaIRT1-4DS	927	CCCCCAGG-C	CCTCTCTCTCGCTGGCCCTCTAACGCCGCGTTCGGCGGTCT-GCTGCCTA		
TaZIP1-3DL	867	CCGGTACGTC	GACTGCTCATCTGCTCATCTCATGAGGATGGCCATGGGGATCTGCTCA		
TaZIP2-6DS	894	CCCCTGG-	CCGACTCTCTTTCTCGCTCTCATGGGCCCTGGCATCTGCTCA		
TaZIP3-2DL	897	CTCTCTG-	GCTCTTTTGTGAGGAACTTCAACTCGGCTTCGGCGGAT-TTGATCTA		
TaZIP5-4DL	855	CCCTAACG-	CCCTTATTTGAGGCCGTCCTGTTCACTCTGGCGGAT-TCTGAA		
TaZIP6-1DS	1008	TCCAAAC-	CCCTATATTTGAGGCCGTCCTGTTCACTCTGGCGGAT-CCCTCTCA		
TaZIP7-1DS	966	CCCCAGGG-	GCTCTATTTGTGAGGCCGTCCTGTTCACTCTGGCGGAT-ACCTCAATA		
TaZIP8-1DL	891	CCCCAAC-	CCCTGATCTCCANGGCTCTCACTCCGCGCGGCCGAT-CCCTCA		
TaZIP9-2DS	942	CCGGCGG-	GCTCTGTTGGAGGCCGTCCTCACTCTGGCGGAT-CCCTCTCA		
TaZIP10-7DL	1038	CCCCAGG-	GATGCTCTGGAGGCCGTCCTCACTCTGGCGGAT-AC1GATCTA		
TaZIP11-1DS	1356	CTACATGGCTTCTC-	GCTCTGGCTCTGGAGGCCGTCCTCACTCTGGCGGAT-TTCGTTATA	TGGTGCAACTGATAGCTGGCAGGAGCCTGGCACGCTGACCGGG	
TaZIP13-2DL	936	CCCGCGG-	CCCTCTTTGGAAGGCCGTCCTCACTCTGGCGGAT-CCCTCATCA		
TaZIP14-3DS	1307	AATCCAGG-	CCCTCTTTGGAAGGCCGTCCTCACTCTGGCGGAT-TTATTA		
TaZIP16-6DS	630	CTTAAATC-	CTGAAATCTGAGGCCGTCCTCACTCTGGCGGAT-TATGGCTCTCCCTA		
TaIRT1-4DS	987	-	CATGGCCCTCGTCGA-GCTCTCGCCGCCGAT		-TCATG
TaZIP1-3DL	927	-	CTGGCCATCACCAC-CTCAAGGCCAAGCT		-ACC
TaZIP2-6DS	954	-	CCTCTCGGTCAACAC-CTCTCCATGCCAAGCT		-AC-A
TaZIP3-2DL	957	-	CATGCTCCCTGTCGA-CCTCTGGCAAGCT		-TCATG
TaZIP5-4DL	915	-	CATGGCCCTCGTCGA-CCTCTGGCAAGCT		-TCATG
TaZIP6-1DS	1068	-	CATGGCCCTGTCGA-CCTGATTTCTTGTGATT		-TCATG
TaZIP7-1DS	1026	-	CATGGCCCTGTCGA-CCTATGCCGCGGAT		-TCATG
TaZIP8-1DL	951	-	CATGGCCCTGTCGA-CCTCTGGCGGAAAGT		-TATGA
TaZIP9-2DS	1002	-	CATGGCCCTGTCGA-CCTCTGGCGGAAAGT		-TCATG
TaZIP10-7DL	1098	-	TATGGCTATGTCATGTCATGTCATGTCATT		-TCATG
TaZIP11-1DS	1474	CTTGCAGGACCAAAC	CCTGGCCATCGCTGCA-ATCCTGCGAAGATTGGCTATGATGGACTATTGGATGGTATTGATCGGGGAGCTTGGCCGCTTGTCTTA		
TaZIP13-2DL	996	-	CATGGCCCTGTCGA-CCTCTGGCGGAAAGT		-TCATG
TaZIP14-3DS	1359	-	CATGGCTGTCGA-GTCCTCTCCCGAATGAT		-CATGA
TaZIP16-6DS	692	-	CTTGGCATGAGTCTTACCTCTGGCATTTGAGT		-ATCTG
TaIRT1-4DS	1025	CCCCAAGCT-	GCAGGGCAAC-C-GTAGGCTCAGGCTCACTCCCTCGCCGCCGTC--CTGCTGGGCCGCCGATGTCCT		-CATGCCAA
TaZIP1-3DL	962	CCCCGACCA-	GCAAACTGACTTCGCAAGCCATCTCTTCAGTTGC-CTACGGGDTGCTCCATGTCCT		-CTGCTTCAT
TaZIP2-6DS	989	ACCCCCAGC-	GCCCCTGG-CCTCTGGCTACGGCCCTGCTGGCGGTC-CTGCTGGCTGCTGGCTCATCCCT		-CGCTCTG
TaZIP3-2DL	995	ACCCCAAGCT-	CAGCAAACTGCAAGCTGCTTCACTGACATTCATGTCATGTCAT		-CTTGTCCAT
TaZIP5-4DL	953	ACCCCAAGCT-	GGAGAACACAC-GGAAGGTGAGGCCGCACTTAACTCATCTCTTC-CTGCTGGGGCGGTCATGTCAT		-CTTGTCCAT
TaZIP6-1DS	1106	AGAACAGCAT-	GATCTCACTCTTCACTCTGGAGGAGCTCTTATGATTC-CTGCTGGCTATGTCAT		-TTCCTGCT
TaZIP7-1DS	1064	CTGGGAGAT-	CTGAGGTCGCACTGGAGGAGCTCTTATGATTC-CTGCTGGCTATGTCAT		-CTTGTCCAT
TaZIP8-1DL	989	ACCCCAAGCT-	GGAGGGCAAC-GGAAGGCTGAGGCCGCACTGGAACTCTTC-CTGCTGGGGCGGTCATGTCAT		-CTTGTCCAT
TaZIP9-2DS	1040	ACCCCAAGCT-	GGAGGGCAAC-GGAAGGCTGAGGCCGCACTGGAACTCTTC-CTGCTGGGGCGGTCATGTCAT		-CTTGTCCAT
TaZIP10-7DL	1136	CCCCAAGAT-	GAAGTCACT-CCAGGCTGCA-GTCTCTCATGCTCTGGCTTG-TTGTGGGGCGGTCATGTCAT		-CTTGTCCAT
TaZIP11-1DS	1592	ACCCCAAGCT-	GGAGGGCAAC-GGAAGGCTGAGGCCGCACTGGAACTCTTC-CTGCTGGGGCGGTCATGTCAT		-CTTGTCCAT
TaZIP13-2DL	1034	ACCCCAAGCT-	GGAGGGCAAC-GGAAGGCTGAGGCCGCACTGGAACTCTTC-CTGCTGGGGCGGTCATGTCAT		-CTTGTCCAT
TaZIP14-3DS	1395	TAGAAAGCTAGGTAAACAC-	TCAATGFTCTGAGTCTTATT		-TTCCTGCAATGGCTGTCAT
TaZIP16-6DS	731	CCCCAAGCT-	GCTCTAACATGAGTCTTATT		-TTCCTGCAATGGCTGTCAT
TaIRT1-4DS	1113	A-TGGGC	-TGGGC		
TaZIP1-3DL	1050	A-TGGGA	-CTGA		
TaZIP2-6DS	1077	A-TGGGA	-CACCTA		
TaZIP3-2DL	1083	A-TGGGC	-CTAG		
TaZIP5-4DL	1041	A-TGGGC	-CTA		
TaZIP6-1DS	1197	C-TGGGC	-CTAG		
TaZIP7-1DS	1152	T-TGGGC	-CTGA		
TaZIP8-1DL	1077	A-TGGGG	-CTGA		
TaZIP9-2DS	1128	A-TGGGC	-CTAG		
TaZIP10-7DL	1224	C-TGGGC	-CTAG		
TaZIP11-1DS	1708	ATATGGCTCCAGAACGGCTTAC	TTA		
TaZIP13-2DL	1122	A-TGGGC	-CTAG		
TaZIP14-3DS	1470	ATCTTGG	-CTAG		
TaZIP16-6DS	815	A-GGAGATC	-AGCTT		