

A		
GmNAC15	.....MSN...ISMVEAKIPPGRRFH	18
AtNAC1	.....MEENIPPGRRFH	12
AtNAC2	.....MDYEASRIVEMVE...DEEHILIPPGRRFH	27
AtNAC3	.....MDYKVSRSGEIVEGEVEDESEKILIPPGRRFH	31
AtNAC4	.....MNSFSQ...VPPGRRFH	14
AtNAC5	.....MESIAH...IPPGRRFH	14
AtNAC6	.....MESVDQS...CSVPPGRRFH	17
AtNAC7	.....MEFMES...CSVPPGRRFH	16
AtNAC8	MIDLSKIKKKPQRNKSKITINMMKVDQDYSCSIPPGRRFH	40
AtNAC9	.....MADNKVNLSINGQSKVPPGRRFH	23

B		
GmNAC15	FRDEELVCDYIMKKVAHN..DSLMLINVDLNKGEFVWLIPE	56
AtNAC1	FTDEELITHYLCKRVSDIGFTGKAVVDVLDLNKGEFVWLF	52
AtNAC2	FTDEELITHYLKRVVFNFFSATAIGEVDLNKIEFVWLPW	67
AtNAC3	FTDEELITHYLREKVVNSFFSAIAIGEVDLNKVEFVWLPW	71
AtNAC4	FTDEELVDYILRKKVASKRIEIDIKDVDLYKIEFVWLPQ	54
AtNAC5	FTDEELVDYILKRVVAFPGMQVDVIKVDVLYKIEFVWLIQ	54
AtNAC6	FTDEELVGYILRKKVASQKIDLDVIRDIDLYRIEFVWLPQ	57
AtNAC7	FTDEELVGYILRKKIASQKIDLDVIRDIDLYRIEFVWLPQ	56
AtNAC8	FTDEELVGYILRKKIASQRIDLDVIREIDLYKIEFVWLPQ	80
AtNAC9	FTDEELLHYILRKKVNSQKIDLDVIREVDLNKIEFVWLIQ	63

C		
GmNAC15	TACVG...GKEWYFYTQRDRKYEFTGLRTNRATASGYWKAT	93
AtNAC1	KASMG...EKEWYFFSQDRKYEFTGLRTNRATEAGYWKTT	89
AtNAC2	KAKMG...EKEWYFFCVDRKYEFTGLRTNRATEAGYWKAT	104
AtNAC3	KAKIG...EKEWYFFCVDRKYEFTGLRTNRATKAGYWKAT	108
AtNAC4	LCKIGNEEQSEWYFFSHRDKKYEFTGLRTNRATKAGYWKAT	94
AtNAC5	LCGRGTGEEREWYFFSHRDKKYEFTGLRTNRATGSGYWKAT	94
AtNAC6	SCRIGYEEENEWYFFSHRDKKYEFTGLRTNRATMAGYWKAT	97
AtNAC7	QCRIGYEEQNEWYFFSHRDKKYEFTGLRTNRATMAGYWKAT	96
AtNAC8	RCRIGYEEQTEWYFFSHRDKKYEFTGLRTNRATVAGYWKAT	120
AtNAC9	ECRIGSTPQNDWYFFSHRDKKYEFTGLRTNRATVAGYWKAT	103

D		
GmNAC15	GKDRSILRKGTLVGMKRTLVFYKGRAPNGKKTINVMHFR	133
AtNAC1	GKDKIYRSGVLVGMKRTLVFYKGRAPNGKKTINVMHFR	129
AtNAC2	GKDKIYRSGVLVGMKRTLVFYKGRAPNGKKTINVMHFR	144
AtNAC3	GKDKIYRSGVLVGMKRTLVFYKGRAPNGKKTINVMHFR	148
AtNAC4	GRDKAIYIRHSLIGMRKTLVFYKGRAPNGKKTINVMHFR	134
AtNAC5	GRDKAIYSKQELVGMKRTLVFYKGRAPNGKKTINVMHFR	134
AtNAC6	GRDKAVYDKSKLIGMRKTLVFYKGRAPNGKKTINVMHFR	137
AtNAC7	GRDKAVYDKTKLIGMRKTLVFYKGRAPNGKKTINVMHFR	136
AtNAC8	GRDKAVYLNKSLIGMRKTLVFYKGRAPNGKKTINVMHFR	160
AtNAC9	GRDKIICVRRIGLRKRTLVFYKGRAPNGKKTINVMHFR	143

E		
GmNAC15	IE.....GPHGPPK.ISSSKEDWVLCRVFYKNREVS	164
AtNAC1	LE.....SKQPFN...PTNKEEWVVCRAVEKSTAAK	158
AtNAC2	LE.....GKYCIENLPQAKNEWVICRVHQRADGTK	176
AtNAC3	LE.....GKFAIDNLSKTAKNECVISRVHTRTDG	180
AtNAC4	.....LETSENGTPQEEGWVVCRAVEKKTAAATV	162
AtNAC5	.....LETDENGPHEEGWVVCRAVEKKTMTMN	162
AtNAC6	.....LESDENAPPQEEGWVVCRAVEKKTMTGQ	165
AtNAC7	.....LESDENAPPQEEGWVVCRAVEKKTATGQ	163
AtNAC8	S.....LESHQNSPPQEEGWVVCRAVEKKT.TTIP	188
AtNAC9	LDDTPMSNGYADVVTEDPMSYNEEGWVVCRAVEKKNYQKI	183

Supplementary Fig. 1 Sequence alignment of the N-terminal subdomains in *GmNAC15* and *Arabidopsis* NAC family members.



Supplementary Fig. 2. Phylogenetic relationship of *GmNAC15* with NAC family members from *Arabidopsis*

Phylogenetic tree of *GmNAC15* with all NAC family members of *Arabidopsis*. *Arabidopsis* Genome Initiative identification numbers of the *Arabidopsis* members are as follows: AtNAC1(AT3G18400.1), AtNAC2(AT5G39610.1), AtNAC3(AT3G29035.1), AtNAC4(AT1G62700.1), AtNAC5(AT5G62380.1), AtNAC6(AT4G36160.1), AtNAC7(AT2G18060.1), AtNAC8(AT5G66300.1), AtNAC9(AT1G32700.1).