

Supplementary Table S2. Data of evolution tree

Name	Group name	Gene ID	Sequence
FtNAC16	OSNAC7	FtPinG00003 81200.01	MNLSVNGQSQVPPGFRFHPTEEEELLHYLYLK KKVANQKIDLDVIQDIDLNKLEPWDIQEKCK IGSTPQNDWYFFSHKDKKYPTGTRTNRATTA GFWKATGRDKAICGSSRRIGMRKTLVIFYKG RAPHGEKSDWIMHEYRLDDNIHELNVSNLS GDRDLGGDEGWVVCRVFRKKNYVKALHNP TNNRNSTHMMIRSKKHELDQDGFMHLPQL DSPSTNGVHEPIQQMNQDGSDSMFNYEDDH NQEAPNSTVNWVELDRLVAYQLNGQASEAS ESTTNHLSCFNNHHLNHDSITPFCLIPAGDY DRSNNNDRTTTATATTFQDLLRSQSSRVFDN DSIDDFWSFTKQSSSPSSLDPISHFSV
AtNST1	OSNAC7	AT2G46770	MMSKSMSISVNGQSQVPPGFRFHPTEEEELLQ YYLRKKVNSIEIDLVDVIRVDLNKLEPWDIQ EMCKIGTTPQNDWYFFSHKDKKYPTGTRTN RATAAGFWKATGRDKIISNGRRIGMRKTLV FYKGRAPHGQKSDWIMHEYRLDDNIISPED VTVHEVVSIIGEASQDEGWVVCRIFFKKNL HKTLNSPVGGASLSGGDTPKTTSSQIFNED TLDQFLELMGRSCKEELNLDPFMKLPNLESP NSQAINNCHVSSPDTNHNIHVSINVDTSFVT SWAALDRLVASQLNGPTSYSITAVNESHVGH DHLALPSVRSPYPSLNRASYSYHAGLTQEYTP EMELWNTTSSLSPPGFCHVSNGSG
AtNST2	OSNAC7	AT3G61910	MNISVNGQSQVPPGFRFHPTEEEELLKYLYLRK KISNIKIDLDVIPDIDLNKLEPWDIQEMCKIG TTPQNDWYFYSHKDKKYPTGTRTNRATTVG FWKATGRDKTIYTNGDRIGMRKTLVIFYKGR APHGQKSDWIMHEYRLDESVLISSCGDHDV NVETCDVIGSDEGWVVCRVFKKNNLCKNMI SSSPASSVKTPSFNEETIEQLLEVMGQCKGE IVLDPFLKLPNLECHNNTTITSYQWLIDDQV NNCHVSKVMDPSFITSWAALDRLVASQLNG PNSYSISPAVNETSQSPYHGLNRSGCNTGLTPD YYIPEIDLWNEADFARTTCHLLNGSG
AtNST3	OSNAC7	AT1G32770	MADNKVNLSINGQSKVPPGFRFHPTEEEELLH YYLRKKVNSQKIDLDVIREVDLNKLEPWDI QEECRIGSTPQNDWYFFSHKDKKYPTGTRT NRATVAGFWKATGRDKIICSCVRRIGLRKTL VIFYKGRAPHGQKSDWIMHEYRLDDTPMSN GYADVVTEDPMSYNEEGWVVCRVFRKKNY

			QKIDDCPKITLSSLPDDTEEEKGPTFHNTQN VTGLDHVLLYMDRTGSNICMPESQTTTQHQ DDVLFMQLPSLETPKSESPVDQSFLTSPKLD SPVQEKITERPVCSNWASLDRLVAWQLNNG HHNPCHRKSFDEEEEENGDTMMQRWDLHW NNDDNVDLWSSFTESSSSLDPLLHLSV
AtVND1	OSNAC7	AT2G18060	MEPMESCSVPPGFRFHPTDEELVGYYLRKKI ASQKIDLDVIRIDIDLYRIEPWDLQEQRIGYE EQNEWYFFSHKDKKYPTGTRTNRATMAGF WKATGRDKAVYDKTKLIGMRKTLVIFYKGR APNGKKSDWIMHEYRLESDENAPPQEEGW VVCRAFKKRATGQAKNTETWSSSYFYDEVA PNGVNSVMDPIDYISKQQHNIFGKGLMCKQ ELEGMVDGINYIQSNQFIQLPQLQSPSLPLM KRPSSSMSITSMDNNYNYKLPLADEESFESFI RGEDRRKKKKQVMGTGNWRELDKFVASQL MSQEDNGTSSFAGHHIVNEDKNNNDVEMDS SMFLSEREEENRFVSEFLSTNSDYDIGICVFD N
AtVND2	OSNAC7	AT4G36160.1	MESVDQSCSVPPGFRFHPTDEELVGYYLRK KVASQKIDLDVIRIDIDLYRIEPWDLQESCRIG YEERNEWYFFSHKDKKYPTGTRTNRATMA GFWKATGRDKAVYDKSKLIGMRKTLVIFYK GRAPNGQKTDWIMHEYRLESDENAPPQEEG WVVCRAFKKKPMTGQAKNTETWSSSYFYD ELPSGVRVTEPLNYVSKQKQNVFAQDLMF KQELEGSDIGLNFHCDQFIQLPQLESPLPLT KRPVSLTSITSLEKNKNYKRHLIEEDVSFNA LISSGNKDKKKKTSVMTTDWRALDKFVAS QLMSQEDGVSGFGGHHEEDNNKIGHYNNE ESNNKGSVETASSTLLSDREEENRFISGLLCS NLDYDLYRDLHV
AtVND3	OSNAC7	AT5G66300	MMKVDQDYSCSIPPGRFHPTDEELVGYYL KKKIASQRIDLDVIREIDLYKIEPWDLQERCR IGYEEQTEWYFFSHRDKKYPTGTRTNRATVA GFWKATGRDKAVYLNKSLIGMRKTLVIFYRG RAPNGQKSDWIIHEYYSLESHQNSPPQEEG WVVCRAFKKRRTTIPTKRRQLWDPNCLFYDD ATLLEPLDKRARHNPDTATPFKQELLSEAS HVQDGDGFSMYLQCIDDDQFSQLPQLESPL PSEITPHSTTFSENSSRKDDMSSEKRITDWR YLDKFVASQFLMSGED
AtVND4	OSNAC7	AT1G12260	MNSFSHVPPGFRFHPTDEELVDYYLRKKVAS KRIEIDFIKDIDLYKIEPWDLQELCKIGHEEQS

			DWYFFSHKDKKYPTGTRTNRATKAGFWKA TGRDKAIYLRHSLIGMRKTLVIFYKGRAPNG QKSDWIMHEYRLETDENGTPQEEGWVVCRA VFKKRLAAVRRMGDYDSSPSHWYDDQLSF MASELETNGQRRILPNHHQQQHEHQHQM PYGLNASAYALNNPNLQCKQELELHYNHLV QRNHLLDESHLSFLQLPQLESPKIQQDNSNC NSLPYGTSNIDNNSSHANLQQSNIAHEEQL NQGNQNFSSLYMNSGNEQVMDQVTDWRVL DKFVASQLSNEEAATASASIQNNAKDTSNAE YQVDEEKDPKRASDMGEEYTASTSSSCQIDL WK
AtVND5	OSNAC7	AT1G62700	MNSFSQVPPGFRFHPTDEELVDYYLRKKVAS KRIEIDIKDVDLYKIEPCDLQELCKIGNEEQS EWYFFSHKDKKYPTGTRTNRATKAGFWKAT GRDKAIYIRHSLIGMRKTLVIFYKGRAPNGQK SDWIMHEYRLETSENGTPQEEGWVVCRAVFK KKLAATVRKMGDYHSSPSQHWYDDQLSFM ASEIISSSPRQFLPNHHYNRHHHQQTLP CGL NAFNNNPNLQCKQELELHYNQMVQHQQQ NHLRESMFLQLPQLESPTSNCNSDNNNT RNISNLQSSNISHEEQLQQGNQSFSSLYYD QGVEQMTTDWRVLDKFVASQLSNDEEAAA VVSSSSHQNNVKIDTRNTGYHVIDEGINLPE NDSERVVEMGEEYSNAHAASTSSSCQIDL
AtVND6	OSNAC7	AT5G62380	MESLAHIPPGYRFHPTDEELVDYYLKNKVA PGMQVDVIKDVDLYKIEPWDIQELCGRGTG EEREWYFFSHKDKKYPTGTRTNRATGSGFW KATGRDKAIYSKQELVGMKTLVIFYKGRAP NGQKSDWIMHEYRLETDENGPPHEEGWVV CRAFKKKLTMNYYNNPRTMMGSSSGQESN WFTQQMDVGNGNYHLPDLES PRMFQSS SSSLSSLHQNDQDPYGVVLSTINATPTTIMQR DDGHVITNDDDHMMIMNTSTGDHHQSGLL VNDDHNDQVMDWQTLDFVASQLIMSQEE EEVNKDPSDNSSNETFHHLSEEQAATMVSM NASSSSSPCSFYSWAQNTH
AtVND7	OSNAC7	AT1G71930	MDNIMQSSMPPGFRFHPTTEEELVGYLDRKI NSMKSALDVIVEIDLYKMEPWDIQARCKLG YEEQNEWYFFSHKDRKYPTGTRTNRATAAG FWKATGRDKAVLSKNSVIGMRKTLVYYKGR APNGRKS DWIMHEYRLQNSE LAPVQEEGW VVCRAFRKPIPQRPLGYEPWQNQLYHVES SNYSSSVTMTNTSHHIGASSSSHNLNQMLM

			<p>SNNHYNPNNTSSSMHQYGNIELPQLDSPSL</p> <p>PSLGTNKDQNESFEQEEKSFNCVDWRTLD</p> <p>TLLETQVIHPNPNILMFETQSYNPAPSFPSM</p> <p>HQSYNEVEANIHSLGCFPDS</p>
AtSMB	OSNAC7	AT1G79580	<p>MEIGSSSTVAGGGQLSVPPGFRFHPTEEEELLY</p> <p>YYLKKKVSYPEIDLVDVIREVDLNKLEPWEL</p> <p>KEKCRIGSGPQNEWYFFSHKDKKYPTGTRT</p> <p>NRATAAGFWKATGRDKSIHLNSSKKIGLRKT</p> <p>LVFYTGRAPHGQKTEWIMHEYRLDDSENEI</p> <p>QEDGWVVCRVFKKKNHFRGFHQEQEQDHH</p> <p>HHHQYISTNNDHDDHHHIDSNSNNHSPLILH</p> <p>PLDHHHHHHHIGRQIHMLHEFANTLSHGS</p> <p>MHLPQLFSPDSAAAAAAAAAASAQPFVSPINT</p> <p>TDIECSQNLLRLTSNNNYGGDWSFLDKLLTT</p> <p>GNMNQQQQQQVQNHQAKCFGDLSNNDNN</p> <p>DQADHLGNNNGGSSSSPVNQRFPFHYLGND</p> <p>ANLLKFPK</p>
AtNAC07 0	OSNAC7	AT4G10350	<p>MGSSSNGGVPPGFRFHPTDEELLHYLKKKI</p> <p>SYQKFEMEVIKVDLNKLEPDLQERCKIG</p> <p>STPQNEWYFFSHKDRKYPTGSRTNRATHAG</p> <p>FWKATGRDKCIRNSYKKIGMRKTLVFKGR</p> <p>APHGQKTDWIMHEYRLEDADDPQANPSED</p> <p>GWVVCVRFMKNLKFVVNEGSSSINSLDQH</p> <p>NHDASNNNHALQARSFMHRDSPYQLVRNH</p> <p>GAMTFELNKPDALHQYPPIFHKPPSLGFDY</p> <p>SSGLARDESAASEGLQYQQACEPGLDVGT</p> <p>CETVASHNHQQGLGEWAMMDRLVTCHMG</p> <p>NEDSSRGITYEDGNNNSSSVVQVPATNQLT</p> <p>LRSEMDFWGYSK</p>
NAC015	OSNAC7	AT1G33280	<p>MSSSNGGVPPGFRFHPTDEELLHYLKKKIS</p> <p>YEKFEMEVIKVDLNKIEPDLQDRCKIGST</p> <p>PQNEWYFFSHKDRKYPTGSRTNRATHSGFW</p> <p>KATGRDKCIRNSYKKIGMRKTLVFKGRAP</p> <p>HGQKTDWIMHEYRIEDTEDDPCEDGWVVC</p> <p>RVFKKKNLKFVGNDVGSNISNNRLEARSFIR</p> <p>RESPYQGISMFELNKPEEISVHQYPQPPMFQP</p> <p>HHKPLSIGYDYSALLPRESEYQQACQPSGV</p> <p>EVGTCKAVSEWGIVNCNMVSHEDSSRAMRF</p> <p>EDDGNNTSSTVQPPSNLLSLRGENGFLGLF</p>
NAC1	NAC1	AT1G56010	<p>METEEEMKESSISMVEAKLPPGFRFHPKDDE</p> <p>LVCDYLMRRSLHNNHRPPLVLIQVDLNKCEP</p> <p>WDIPKMACVGGKDWFYFSQRDRKYATGLR</p> <p>TNRATATGYWKATGKDRTILRKGLVGMRK</p> <p>TLVFIYQGRAPRGRKTDWVMHEFRLQGS</p>

			PPNHSLSPPKEDWVLCRVFHKNTEGVICRDN MGSCFDEITASASLPPLMDPYINFDAQEPSSYLS DDHHYIINEHVPCFSNLSQNQTLNSNLNSV SELKIPCKNPPLFTGGSASATLTGLDSFCSS DQMVLRALLSQLTKIDGSLGPKESQSYGEGS SESLLDIGIPSTVWNC
NAC074	NAC1	AT4G28530	MGLKDIGSKLPPGFRFHPSDEELVCHYLCNK IRAKSDHGDVDDDDDDVDEALKGSTDLVEI DLHICEPWELPDVAKLNAKEWYFFSFRDRK YATGYRTNRATVSGYWKATGKDRTVMDPRT RQLVGMRKTLVFYRNRAPNGIKTTWIMHEF RLECPNIPPKEDWVLCRVFNKGRDSSLQDN NYYNNDNQTQRLEVNDAPDLNYYNQLPPL LSSPPHNHQHEKMKIQVCDQWEQLMKQPS RTTGHPYHHHCHHQTACGWEQMMIGSLSS PSSHGPDHESLLNLLYVDNNSVNIISGDHHQ NYEKILLSSLDMTSLDHDKTCMGSSSDGGM VSDLHMECGGLSFETENILAFQ
NAC096	ANAC011	AT5G46590	MGSSCLPPGFRFHPTDEELIEYYLKRKVEGL EIELEVIPVIDLYSFDPWELPDKSFLPNRDME WYFFCSRDKKYPNGFRTNRGKAGYWKAT GKDRKITSRSSSIIGYRKTLVFYKGRAPLGDR SNWIMHEYRLCDDDTSQGSQNLKGAFVLCR VAMKNEIKTNTKIRKIPSEQTIGSGESSGLSSR VTSPSRDETMPFHSFANPVSTETDSSNIWISP EFILDSSKDYPQIQDVASQCFQQDFDFPIGN QNMEFPASTSLDQNMDEFMQNGYWTNYGY DQTGLFGYSDFS
NAC071	ANAC011	AT4G17980	MGSSCLPPGFRFHPTDEELIGYYLSRKIEGLE EIELEVIPVIDLYKFDPWELPGKSFLPNRDLEW FFFCPRDKKYANGSRTNRATKAGYWKATGK DRKITCKSSHVIAGYRKTLVFYEGRAPLGDR TNWFMHEYRLCDIDDHSQKSPNFKGAFALC RVVKKNELKKNSKSLKNKNEQDIGSCYSSL ATSPCRDEASQIQSFKPSSTTNDSSSIWISPDFI LDSSKDYPQIKEVASECFPNYHFPVTTANHH VEFPLQEMLVRS
NAC011	ANAC011	AT1G32510	MVGSFLPPGFRFYPTDEELVGYYLHRRNEGL EIELEIPLMDLYKFDPWELPEKSFLPNRDME WFFFCHRDYQNGSRINRATKSGYWKATG KDRKIVCHSSSSSSSSSITGCRKTLVFYMGRA PFGGRTEWVMHEYRLFDNDTSQGSNFKGD FALCRVIKRNEHTLKKCEIISPEVDESLSNN VNNFCQASDLEKGCSDASNTRLSSPDFILESS

			FQGN SHSKTEEDSGFQVFTLPEFEYPLEVFA DLNFDLEMEDPFMF DYHPEPHMNNEVMSH HIRG
NAC020	ANAC011	AT1G54330	MAPMSLPPGFRFHPTDEELVAYYLDRKVNG QAIELEI IPEVDLYKCEP WDLPEKSFLPGNDM EWYFYSTRDKKYPNGSRTNRATRAGYWKA TGKDRTVESKKMKMG MKKTLVYYRGRAPH GLRTNWVMHEYRLTHAPSSSLKESYALCRV FKKNIQIPKRKGEEEEAE EESTSVGKEEEEEK EKKWRKCDGNYIEDESLKRASAETSSSELTQ GVLLDEANSSSIFALHFSSSLDDHDHLFSNY SHQLPYHPPLQLQDFPQLSMNEAEIMSIQQD FQCRDSMNGTLDEIFSSSATFPASL
