Supplemental Data 3. Predicted (partial) protein sequences of ten HvWAKs.

>HvWAK-#22740
VATQLA*TIHFEHAMVLTMAAIALLPLLVTLLATAATGLSTRAS*RTSAW
SPSRGQCWWRAPRSSSSSTRLPSCRRSTNVVKLHGCCLESEVPLLVYESV
SNGTLYGLFNGEQDGRPLPMPWEERLRIAAEIAGALTYLHSAASMSILRR
DIKSMNVLLNDSHTAKVSDFGASRSMPVDQTHLVTAVQGTFGYLDPEYYH
TGRLTEKSDVYSFGVILVELLMRKKPLVENENGEKQNLSNYFLWAMGERP
LEEVVDKQVVEEEDMEVVKHVAFLARECLNLRRQKRPSMKDVEMRLRFLR
ARKVALGKDEVAHREVGGGDWPGGMVPVAGHLGTRQYSLEQEFASSLRIP
R*FVFPG*HSTVYDVLL*YTGWS**GS*SLLSENCWQGDIRTIY

>HvWAK-#14031
AILSQIIHRNVVKLFGCCLESEVPLLVYEFISNGTLHDLLHIDYTSKCLL
SWDDRIRIAVEAAGALAYLHSAAAIPIFHRDVKSSNILLDSSFATKVSDF
GASRSLSLDETHVVTIVQGTFGYLDPEYYHTGQLTEKSDVYSFGVILVEL
LTRRKPIFINDLGGKQNLSHYFVEGLQEGVVMEIMDPEVVKQANPEEIDD
ICSLAEACLRFKGRDRPTMKEVDMRLQFLRTKRQRKCKLFPAGDEVIEPF
LSPKVGNCDAPMNVVNAGNSTSKATSSCYSLEQELSSSITWPR*VHMYNT
TIASFQVFI*IIIFFYGFIICYIVQFKRDYVM*FCFYILETFICSSKK

>HvWAK-TC49839
PGEDLKKATNDFDKGR*LGMGGHGTVYKGILKDNRVMAVKRSEIMNVAET
DEFVQEIIIFSQTNHRNVVRLLGCCLEVEIPILVYEFIPNGTLFEFIHRS
YGSPPPSLDTRLKVAQESAEALAYLHLSMNHPIVHGDVKSMNILLDENYM
AKVTDFGASRTLPKDAAQFWTLVQGTLSYLDPEYLQERQLTEKSDVYSFG
VVLLELITGKTAIYNDGPKEGKSLVWSFLLAMKEETLEDILDPSIVRAGT
EKLLREVAELGRMCLGARGEERPSMTQVADRLKALRSTWREELVLDRAVT
EHMVVHMPPVDAPMPWDLASSSSGAPSTVPYMSGMGIEAPR**SFI*TFL
WSSIARRKCVP*RLRASGFILSQLKCTGSCAVLEVPSM*VEVGICCVLCV
PVWSFP*HLTCQFLCSFPV*EFACSVVQLLIRIRFGSEVSSAGTAVIIIL
NWSNHKLQSKIAIILQSPRSCAPADTPCXLXNT

>HvWAK-#20521
PQG*GSVHDIGAGHHGLPGP*VLAGEATHGEERRLQLWRCAAGVDHGQDS
HLPRRPQGRQEPCVVLPARDEGWKP*CHPGCKHS*RRDGDAAGRSRRAGE
DVLERQG*RETFHDRSG*QAEGSAKHLEGETRA*ERQNRASGHVLLTCSF
SAS*SSIDEHGLDWASHVWNKYRNTQVIVSVIIIIYAEVVLPSVCVCTCH
AWSFKCTISICHVFAVSSIM*KLEFVITIFMSLVLAHVGYGVFDIHQKKK
K

>HvWAK-#15923
FCRCDNILGMLFGYAITXGKSTRKEKDEYFKQNGGLMLYDEMRSRQVDTV
RILTEKEIKIATDNYNEDRVLGCGGHGMVYKGTLDDLREVAIKKSKVIDD
DCRDEFVNEIIILSQINHRNIVRLLGCCLDMDVPVLVYEFVSNGTLYEFL
HGSADHNLLPIPLDLRLKIATQSAEALAYLHSSTSRTILHGDVKSANILL
DDQRHAKVADFGASALKSMDESEFIMLVQGTLGYLDPESFMSHVLTDKSD
VYSFGVVLLELMTRKRALYADNSSKEKRSLSHTFLLMFHQNMHLTMLDSE
IAEDATAMVVAEKVAALAVHCLSTRGDDRPTMKEVAERLQVLCRIQMHQA
GDGDNDGDFYGGSPLPVVLPSGEVTDGSSET*ELVLGVCVRV*FVRAVVV
FVGLLCLWDYLYRAFMWFSWKSNFINFDQVYRENYLHLQYGMSCVGSVF*
RCL*GIGV*CVCTHSYE*VYVCMYKRLRLYCVKNI*MYCVXKHILV*S

>HvWAK-TC49517
GGKMVSY*GEMGTRPPPPVFNFFFXXXXXXXXX**TGLLSXARWYDII*R
DEVTAMQCIQNLLRRRIAASH*QVQ*RASHWSGRPWNRIQGASQE*C*SS
SQEMHDDRRATQERIRQRNADTSPDQPQ*CREAPRGVAWRWKSPMLVSEF
VSNGALFDLILGNHGWRISLATRLGIAHDSAEALSYLHSGASTPILHGDV
KSSNILLDDNHKAKVSDFGASILAPTDESQFVTLVQGTCGYLDPEYMQTC
QLTDKSDVYSFGVVLLELLTCKKPFNLDAIGQDKSLSMMFMSAMKENRLE
VIILDDGIKDEDNMEILEEIAELAKHCLEMSGENRPSMKEVAEKLDRLRKV
MHHPWVQRNPEEMESLLGEPSAMVHSTIVSDQYFSIEKKAVTNLQSGR*V
IAPNYFVSKQSINLYMFVIYFSLTISTVIGLFMVTCILXLEIGL*LSSLY

FKFNLM*IN

>HvWAK-#16619
HGDVKSSNILLDKDNKAKVADFGASILAPTDKSQFITLVHGTCGYLDPEY
MQTNLLTDKSDVYSFGVVLLELLTGKLPFNFSQDAAAREKSLSMMFMYAM
KVNKLEEILDDDIKNEESTEIIEEAAELAMRCLEMCGDNRPSMKEVADKL
DSLRKVMQHPWVQRNPEEMECLLGEPSSMVSSTITSAEYFSIEKKAVNGL
QSGR*VITLLLCFVYFVFKSKKSQLHQK*KTVNCYSYHYVTVHFTNYTST
VSVFIWLCIF*KSVDICDLLFLKLCKKKKK

>HvWAK-#22701
VQSNLPMTPLQTLLLLLVFHALLAITAEFGVPSPPPAPAPAEPKTCPAKCGEVEIPYPFG
IGTGCSLSDDFALTCNETTSPPTLLTGEAKVASITLETAQMVVYTHLTYSCDLPINSTAT
RHTTSSMALNVAKPFLLSPSENVFTAVGCSLTARINGRSDIPYLTGCITTCARVNDTGDD
GTPCSGHGCCQASLTPNLTQVSVEWEIRRGRSPVAENMCQYAFVATKGWYSFSKNDLIGN
MTFLTRFGSGPVVPVILDWAIRDGTCPSVPHGGNSENVSYGACVSTQSYCVNASNGTPGY
FCGCSKGYTGNPYIKNGCTNINECELRRSANSTIYKNMYPCHEGTCHDTEGDYECKCNLG
RKGDGKSAKGCELLVSSAGVAAIGESLFFRS*RAD*D*NLKNNX

>HvWAK-#25256
DTRNQLMLLNMGYMDLEFMITGRVTQKSEVYSFGAILLELITRKENVFDENCILVTEYRK
LYERGKSGRAMFDKEIASEDEDIFALEEIGKVAIECLKEDSKERPDMTEVMEQLMMIRRN
RRLVQARNKAMTTSGPSV*WVTIVQSNELKMN*KSGYHEGHKFASPCELCKRHHKHKKNS
KCFLFR

>HvWAK-#47391
QEGLLTEKSDVYSFGVVILELISSRIAIRSEHNSLVKSFLEAHKKQKKATEFFDKEIAIA
EDLEFLDSLAVMAVECLRLDVDQRPTMMEVAERLHILSRSRKVQDVCQ*AIFAEILQT*A
AVKVSLGYGKNCYYVF*CGRMLVRCICNRISNVFSVFKKKKKX