

OsAG04a (605) KINAKLGGINSLLQIET—SPS IPLVSKVPTIIILGMDVSHGSPGQ—SDIP SIAAVVSSREWPLVSKYRASVRSQSPKLEMIDGLFKPQG----
TaAG04 (617) KINAKLGGINSLLQIEM—SPS IPLVSKVLTIILGMDVSHGSPGQ—SDIP SIAAVVSSREWPLVSKYRASVRSQSPKLEMIDSLFKPQ----
OsAG04b (613) KINAKLGGINSLLQIEA—SPS IPLVSKPTIIILGMDVSHGSPGQ—SDRPSIAAVVSSREWPLISKYRASVHTQSPKLEMSSLFKPR----
AtAG04 (626) KINAKLGGINSMLSVER—TPAFTVISKVPITIIILGMDVSHGSPGQ—SDVPSIAAVVSSREWPLISKYRASVRTQPSKAEMIESLVKKN----
AtAG08 (570) KINAKLGGINSVLDMEI—SGT MPLVMRVPITIIILGMDVSHGSPGQSDHIP SIAAVVSSREWPLISKYRACVRTQSPKVMEMIDSLFKPVS----
AtAG09 (598) KINAKLGGINSLLAMER—SPAMPKVTQVPTIIIVGMDVSHGSPGQ—SDIP SIAAVVSSRWPLISKYKACVRTQSRMEMIDNLFKPVN----
AtAG06 (589) KINSKLGGINSLGLIEY—SYNPLINKIPITIIILGMDVSHGPPGR—ADVP SIAAVVSGCWPLISRYRANAVRTQSPRLMEMIDSLFQPIEN---
OsAG01c (688) KINVKVGGRNTVLVDVA—SRRIPLVTDRTPIIFGADVTHHPHGE—DSSPSIAAVVASQDWPEVTKYAGLSAQAHRQELIEDLYKIWDQPQR
OsAG01d (719) KINVKVGGRNTVLVDVA—SRRIPLVTDRTPIIFGADVTHHPHGE—DSSPSIAAVVASQDWPEVTKYAGLSAQASHRQELIDDLYNITHDPHR
OsAG01a (759) KINVKVGGRNTVLVDAL—TIRIPLVSDRPTIIFGADVTHHPHGE—DSSPSIAAVVASQDWPEVTKYAGLSAQAHRQELIQDLFKVWKDPQR
OsAG01b (796) KINVKVGGRNTVLVDAL—TIRIPLVSDRPTIIFGADVTHHPHGE—DSSPSIAAVVASQDWPEVTKYAGLSAQAHRQELIQDLFKVWQDPHR
TaAG01b (547) KINVRVGGRNTVLVDAL—ARRIRLVTDRTPIIFGADVTHHPHGE—DSSPSIAAVVASQDWPEITKYAGLSAQAHRQELIQDLFKVWQDPQR
AtAG01 (728) KINVKVGGRNTVLVDAL—SRRIPLVSDRPTIIFGADVTHHPHGE—DSSPSIAAVVASQDWPEITKYAGLCAQAHRQELIQDLFKWKDPQK
TaAG01 (788) KINVKVGGRNTVLVDAL—TIRIPLVSDRPTIIFGADVTHHPHGE—DSSPSIAAVVASQDWPEVTKYAGLSAQAHRQELIQDLFKVWQDPQR
AtAG010 (675) KINVKMGGRNTVLVDAL—SCRIPLVSDIPTIIFGADVTHHPHGE—DSSPSIAAVVASQDWPEVTKYAGLSAQAHRQELIQDLKYTWQDPVR
AtAG05 (687) KINVKTGGRNTVLNDAL—RRNIRLITDRPTIIFGADVTHHPHGE—DSSPSIAAVVASMDWPEINKYRGLSAQAHREELIQDLKYLQDPQR
AtAG07 (698) KINAKIGGSMTELYNSIPSHIPRLRPDEPVLFGADVTHHPHFD—DCSP SIAAVVGSINWPEANRYVSRMRSQTHRQELIQDLDMVK----
AtAG03 (893) KINAKVGGTNVELVDN—IFSFFKKEDKVMFIFGADVNHAAHD—NMSP SIAAVVGTLNWPENRYAARVKAQSHRKEETIQGFGETC----
AtAG02 (715) KINAKVGGSNVELMD—TFSFFKKEDVMFIFGADVNHAAHD—KMSPSIAAVVGTLNWPENRYAARVIAQPHRKEETIQGFGDAC----

OsAG04a (691) —AQEDDGLIRELLVDFYTS—TGKRRKPDQIIIFRDGVSESQFTQVNLNIELDQIIIEACKFLENNWPKFTLIVAQKNHHTKFFVPGS-----
TaAG04 (702) —GTDGGLVRECLIDFYTS—SSGKRRKPDQIIIFRDGVSESQFNQVNLNIELDQIIIEARKFLENNWPKFTLIVAQKNHHTKFFIPGF-----
OsAG04b (698) —GLEDGLIRESLIDFYTS—SSGKRRKPDHIVIFRDGVSESQFTQVNLNIELDQIIIEACKFLENNWPKFTLIVAQKNHHTKFFQSGS-----
AtAG04 (711) —GLEDGGLIKELLVDFYTS—SSNKRKPEHIIIFRDGVSESQFNQVNLNIELDQIIIEACKFLENNWPKFTLIVAQKNHHTKFFQPTS-----
AtAG08 (657) —DKDDGIMRELLDFHSS—GKKPNHIIIFRDGVSESQFNQVNLNIELDQIMQIN-----HHTKFFQTES-----
AtAG09 (684) —KGDEG—FRELLIDFYSS—SENKRPEHIIIFRDGVSESQFNQVNLNIELDQIMQACKFLEDDTHPKFTLIVAQKNHHTKFFQSRG-----
AtAG06 (676) —TEKGDNGIMNELFVEFYRTSRARKPKQIIIFRDGVSESQFEQVLYKIEVDQIIKAYQRLGESDVPKFTLIVAQKNHHTKFFQAKG-----
OsAG01c (778) GTVSG—GMIRELLISFKRSTG—EKPPRIIFYRDGVSEGFYQVLLYELDAIRKACASLEPNYQPPVTFIVVQKRHHTRLFAHNHNDQNSVDR
OsAG01d (809) GPICG—GMVRELLISFKRSTG—QKPPRIIFYRDGVSEGFYQVLLHELDARIRKACASLEANYQPPVTFIVVQKRHHTRLFAHNHNDQNSVDR
OsAG01a (849) GTVSG—GMIRELLISFKRATG—QKPPRIIFYRDGVSEGFYQVLYELDAIRKACASLEADYQPPVTFVIVVQKRHHTRLFANNHKDQRTVDR
OsAG01b (886) GTVTC—GMIKELLISFKRATG—QKPPRIIFYRDGVSEGFYQVLLYELDAIRKACASLEPNYQPPVTFVIVVQKRHHTRLFANNHNDQRTVDR
TaAG01b (637) GTVTC—GMIKELLISFKRATG—QKPPRIIFYRDGVSEGFYQVLLYELDAIRKACASLEPNYQPPVTFVIVVQKRHHTRLFANNHNDQRTVDR
AtAG01 (818) GVVTC—GMIKELLIAFRSTG—HKPLRIIFYRDGVSEGFYQVLLYELDAIRKACASLEAGYQPPVTFVIVVQKRHHTRLFAQNHNDRHSVDR
TaAG01 (877) GTVTCGMETIKELLISFKRATG—QKPPRIIFYRDGVSEGFYQVLLYELDAIRKACASLEPNYQPPVTFVIVVQKRHHTRLFANNHNDQRTVDR
AtAG010 (765) GTVSG—GMIRDLLISFRKATG—QKPLRIIFYRDGVSEGFYQVLLYELDAIRKACASLEPNYQPPVTFIVVQKRHHTRLFANNHRDKNSTDR
AtAG05 (777) GLVHS—GLIRHFIAFRATG—QIPRIIFYRDGVSEGFQSVLLHETDAIRKACASLEQNYQPPVTFVIVVQKRHHTRLFPEQHGNDMDTK
AtAG07 (786) -----ELLDDFYKAVK—KLPNRIIFYRDGVSETQKKVLYQEELQSLKTAACSKFQD—YNPSITFAVQKRHHTRLFRCDP-----D
AtAG03 (976) -----WE—LIEAHSQAPE—KRPNKIIVIFRDGVSDQFDMVLNVELQNVKDVFA—KVGYNPQITVIVAQKRHHTRFFPATTS—KDGRA
AtAG02 (797) -----LE—LVKAHVQATG—KRPNKIIVIFRDGVSDAQFDMVLNVELLDVYKLTFE—KNGYNPKITVIVAQKRHHTRFFPATN—NDGSD

OsAG04a (774) QNNVPPGTVDNVAVCHPRNDFYMCAGHAGMITTRPTHYHILHDEIGFSPDDLQELVHLSYVYQRSTTATISVVAIPICYAHLAAQVQSQFIK
TaAG04 (785) PDNVPPGTVDNVAVCHPRNDFYMCAGHAGMITTRPTHYHILHDEIHFAADDLQDLVHLSYVYQRSTTATISVVSIPICYAHLAAQVAAQFIK
OsAG04b (781) PDNVPPGTVDKQVCHPRNDFYMCAGHAGMITTRPTHYHVLHDEIGFSPDDLQELVHLSYVYQRSTTATISVVAIPICYAHLAAQVGTFLK
AtAG04 (794) PENVPPGTITDNKICHPKNNDFYLCAGHAGMITTRPTHYHVLDEIGFSADELQELVHLSYVYQRSTTATISVVAIPICYAHLAAQVLTGMK
AtAG08 (720) PNNVLPTGLIDSNIKICQHNNDFYLCAGHAGKITTRPTHYHVLDEIGFDTDLQELVHLSYVYQRSTTATISVVAIPICYAHLAAQMAATMK
AtAG09 (766) PDNVPPGTILDSQICHPNDFYLCAGHAGMITTRPTHYHVLDEIGFATDLQELVHLSYVYQRSTTATISVVAIPVCYAHLLAAQMGVTMK
AtAG06 (760) PENVPAGTVVDTKIVHTNDFYMCAGHAGKITSRPAHYHVLDEIGFSPDDLQNLHLSYVYQRSTTATISVAPVRYAHLAAQVAAQFTK
OsAG01c (868) SGNILPGTVVDSKICHPTEFDFYLCSHAGIKGTSRPAHYHVLWDENNFTADALQILTNLNCYTYARCTRSVSIVPPAYYAHAAFRARFYME
OsAG01d (899) SGNILPGTVVDSKICHPTEFDFYLCSHAGIKGTSRPAHYHVLWDENNFTADALQILTNLNCYTYARCTRSVSIVPPAYYAHAAFRARFYME
OsAG01a (939) SGNILPGTVVDSKICHPTEFDFYLCSHAGIQGTSRPAHYHVLWDENNFTADGLQILTNLNCYTYARCTRSVSIVPPAYYAHAAFRARFYME
OsAG01b (976) SGNILPGTVVDSKICHPTEFDFYLCSHAGIQGTSRPAHYHVLWDENNFTADELQILTNLNCYTYARCTRSVSIVPPAYYAHAAFRARFYME
TaAG01b (727) SGNILPGTVVDSKICHPTEFDFYLCSHAGIQGTSRPAHYHVLWDENNFTADELQILTNLNCYTYARCTRSVSIVPPAYYAHAAFRARFYME
AtAG01 (908) SGNILPGTVVDSKICHPTEFDFYLCSHAGIQGTSRPAHYHVLWDENNFTADGLQILTNLNCYTYARCTRSVSIVPPAYYAHAAFRARFYME
TaAG01 (969) SGNILPGTVVDSKICHPTEFDFYLCSHAGIQGTSRPAHYHVLWDENNFTADELQILTNLNCYTYARCTRSVSIVPPAYYAHAAFRARFYME
AtAG010 (855) SGNILPGTVVDTKICHPTEFDFYLCSHAGIQGTSRPAHYHVLWDENNFTADGLQILTNLNCYTYARCTRSVSIVPPAYYAHAAFRARFYME
AtAG05 (867) SGNILPGTVVDTKICHPNEFDFYLNHSHAGIQGTSRPAHYHVLWDENNFTADGLQILTNLNCYTYARCTRSVSIVPPAYYAHAAFRARYME
AtAG07 (859) HENIPPGTVVDTVITHKPEFDFYLCSHLGKGTSRPTHYHVLWDENNFTADELQILTNLNCYTYARCTKPSIVPPAYYAHAAFRGRLYME
AtAG03 (1054) KGNVPSGTVDITIIHPEFDFYLCSHGAGITSRPTHYHVLDEIGFNSQIKLIFDLCTFTTRCTKPVSLVPPVYADLAASRCRVYME
AtAG02 (874) KGNVPSGTVDITKVIHPEYDFYLCSHHGGITSKPTHYHVLWDELGFISDQKLIIFEMCFTRCTKPVSLVPPVYADLVAFRGRMYME