

Class M

MOTIF 1

Os_Contig18609 YAFGHPSVDAV
Os_Contig28459 YAFGDPSVDAV
Os_Contig4276 YSFGHPSVEFL
Os_Contig2417 FSFGYPSVSSV
Os_Contig4095 FSFAHPSVDDV
AGL29 FSYGKPNLDSV
AC036106 YSFGKPNFDVI
AC010155 YTFGSPSFQAV
AC010155_2 YTFGSPSFQAV
AP003951_1 FAFGQPTVDAV
AP003951_2 FAFGSPSVDAV
AGL28 YSFGHPNVNKL
AGL23 FSFGHPNVVDL
AB011483 FSFGHPNVDSV
AC006585 FSFGHPSVESV
Os_AP003627 YSFGHPSVECL
Os_AP004093 HCFGHPSVSAV
AC016829 YTFAHPSMKKV
AC012463 YTYGYPCFNDV
AB005231 YSFGHSSVDAV
AB023034 YSFGHSSVDAV
AB023033 YSFGHSSVDAV
AL161539 YSFGHSSVDSV
AL162875 YTFGHSSVDNV
AC018908_2 YSFGHSSVDHV
AC018908_1 YSFGHSSVDNV
AGL40 FSFGHPSVQEL

Multiple YSFGHPSVDAV
Consensus F

MOTIF 2

AB005231 ETREDVGICLTRKNLGLGFW
AB023034 ETREDVGICLTRNNLGLGFW
AB023033 EMREDVAICLSRTNLGLGFW

Multiple ETREDVGICLTRKNLGLGFW
consensus M A S N
T

MOTIF 3

AL161539 EDESLAKSEDSEELRKAIESMSTMLRDLKEL
AL162875 EDERLSKSEDLLEELRDAMDSMSKMLKDLKDL
AB005231 NDESLVRSENPQEISEAIGSMWTLNLSNLKEL
AB023033 NNESSLNKENPQEISDAINSMLTLLSNLKEL
AB023034 NDESLARSENPQEISEAIDSMRTLLRNLKEL
AC018908_2 EDQAFDRLENVDELKEAVDAVSRMLNNVRLR
AC018908_1 EDKRFVSENVDELKEAVDAVSRMLNNVRCR

Multiple EDESLAKSENPEELSEAIDSMSTMLNNLKEL
consensus N RFDR DVQ IKD V AV RL RDVR R
R S

Class N

MOTIF 4

Os_Contig18149 TKVWPSVWEVTRVLEHFKAMP
Os_Contig31610 TKVWPSVWEATRVLHFKAMP
Os_Contig119850TKVWPSVWEATRVLHFKAMP
Os_Contig18573 TKVWPLVWKATRVLEHFKAMP
Os_Contig23118 TEVWPSVQEATRVLERFKAMP
Os_Contig603 TVVWPSESEVMRVLERFKALP
Os_Contig28311 MMVWPSVPEARVIERFRALP
AC018721 PLVWPSQATHGLLDEFFALP
Os_AP002070_1 PEVWPSAPEARAILSFRNSAP
Os_AP002070_2 PEVWPSDEVAMNVLRFRALP
AF058914_2 PEVWPSREAAQVVSQWKTMS
AC007627 PESWPSREGAKKVASKFLEMP
AF058914_3 PESWPSREGAKKVASRFLEMP
AC004512_1 QEPWPSREGVEVMSKFMFEFS
AC004512_3 PEAWPSREGVEDVVSKFMELS
AB015468 PEVWPSNSGVQRVVSEFRTL
AC012393 PEVWPSNSEVKNVMENFEMLT
AC007184 PDVWPSKSEVNNIKKFEMLP
AC074360_1 PTVWPSTEGVQEVISEFMEKP
AC074360_2 PVVWPSTEGVQEAVSMFMERP
AC006551 PELWPNLNEVR SILNRLSEL

Multiple PEVWPSVEEAxRVLSRFKALP
consensus TK RWGV VEH MEM

MOTIF 5

AC007627 TARTKKMMDQETHLMERITKAKEQLKNLA
AF058914_3 TARTKKMMDQETYLMERITKAKEQLKNLA
AF058914 TARTKKMMNQETYLMERITKAKEQLQNLV
AC074360_1 TERSKTMMSHETFLRDQITKEQNKLES
AC074360_2 TEQSKLMSHETYLQDKITKETKKLES
AC004512_1 LDRITKKMVDQETFLRQRIAKETERLQKLR
AC004512_3 LDRITKKMVDQETFLRQRIAKETERLQKLR
AB015468 MDQHKKMVDQEGFLKQRIAKATETLRRQR
AF058914_2 MDKTKKMVNQETFLQQRITKATESWKKLR
Os_AP002070_1 IDRFRVTNQEQYLRRRIAKARERTSKAD
Os_AP002070_2 MEQCKKMMNQEDFLRLRIGKLEQLRKMD
AC018721 SVQKKKESNVESYLKEKTHKFQELKSK
AGL41 YEHIKKEMDIELFLNEKTNKVNEKLIKSC
AC012393 LEQEKKMVSHEGFIRQNIKTMESNNKKM
AC007184 TQKKVKS VNHEEFLNLYISKVKEQSKKLI

Multiple TDRTKKMMDQETFLRERITKAKEQLKCLR
Consensus LEQ VNH Y MQK A ET K QN

MOTIF 6

AB015468 EMTEVVMFQCLIGNMEMFHLNIVDLNDLGYMIEQYLKDVNRR
AF058914_2 EMKNIMFDCLSGKTLVSSIEKTELRFDFGYVIEQQLKDVNRR
AC012393 TMKEAMFQLLSGKGEKLNLTDRNREDLCKYIDQYLKELYHK
AC07184 CLKEVMFKCLGGNMGDFVMNDNDRDLCKFIDHYLRNLYHK
AC007627 QVRRFMFDCVEGKMSQYRYDAKDLQDLLSCMNLYLDQLNGR
AF058914 QVRRFMFDCVEGKMSQYRYDAKDLQDLLSCINLYLDQLNGR
AF058914_3 QVRRFMFDCVEGKMSQYHYDAKDLQDLQSCINLYLDQLNGR
AC074360_1 QLKHFMFDCVGGKMSEQQYGARDLQDLSLFTDQYLNQLNRK
AC074360_2 QLRQFMFDCVEGKMSEHQYGARDLQDLSLYIDHYINQLNSS
AC004512_1 QIRDLMFGCLKGEVDVSHLHGRDLLDLNVFLNKYLNQVIRR
AC004512_3 QIRELMFGCLKGETNVYINLDGRDLQDLSLYIDKYLNGLTRR

Multiple QLRREFMFDCLGKMSVYHLDARDLQDLSLFDQYLNQLNRR
consensus MKRL G VK E QS Y GK L SC NK DGV GK
V Y L K

MOTIF 7

AC004512_1 VEILKENGESS-SVP
AC004512_3 IEILKENGESS-SLP
AC007627 IESIKENGESLLSSVP
AF058914_3 IESIKENGESLLSSVP
AF058914 IEILKEHGDSLPSVSP
AB015468 IEILREIGESS-VAV

Multiple IEILKENGESSSSVSP
consensus V SI LL V

MOTIF 8

AC007627 ITVVDNANPNQNMNQYQAPNNLFQIQREFYNINLNLNLNLN
AF058914_3 ITVVDNANP-ANMNQYQAPNNLFQIQREFYNINLNLNLNLN
AF058914 ITVVDNANP-ANMNQYQAPNNLFQIQREFYNINLNQ-----
AC004512_1 PIGMIQ-NQNQQEPQQYQALYDYDQIPKKLHDFNMKMNIDPN
AC004512_3 PVGMFQ-NQNQQKPPQYQALYDYDQIPKKIHGFNMNMNKNDSN

Multiple ITVVDNANPNQNMNQYQAPNDYFQIQKEFYINLNLMNLDLN
consensus P GM Q Q AQEP LYNLD PRK H F M L N