

# Class N

## MOTIF 4

Os\_Contig18149 TKVWPSVWEVTRVLEHFKAMP  
Os\_Contig31610 TKVWPSVWEATRVLHFKAMP  
Os\_Contig119850TKVWPSVWEATRVLHFKAMP  
Os\_Contig18573 TKVWPLVWKATRVLEHFKAMP  
Os\_Contig23118 TEVWPSVQEAATRVLERFKAMP  
Os\_Contig603 TVVWPSSESEVMRVLERFKALP  
Os\_Contig28311 MMVWPSVPEARRVIERFRALP  
AC018721 PLVWPSPQATHGLLDEFFALP  
Os\_AP002070\_1 PEVWPSAPEARAILSRFNSAP  
Os\_AP002070\_2 PEVWPSSTEVAMNVLRFALP  
AF058914\_2 PEVWPSREAAQVVSQWKTMS  
AC007627 PESWPSREGAKKVASKFLEMP  
AF058914\_3 PESWPSREGAKKVASRFLEMP  
AC004512\_1 QEPWPSREGVEEVMSKFMFES  
AC004512\_3 PEAWPSREGVEDVVSQWKTMS  
AB015468 PEVWPSNSGVQRVVSEFRFLP  
AC012393 PEVWPSNSEVKNVMENFEMLT  
AC007184 PDVWPSKSEVNNI IKKFEMLP  
AC074360\_1 PTVWPSSTEGVQEVISEFMEKP  
AC074360\_2 PUVWPSSTEGVQEA VSMFMERP  
AC006551 PELWPNLNEVRSILNRLSELP

**Multiple consensus** PEVWPSVEEAXRVLRSRFAKLP  
TK RWGV VEH MEM

## MOTIF 5

AC007627 TARTKMMMQETHLMERITKAKEQLKNLA  
AF058914\_3 TARTKMMMQETYLMERITKAKEQLKNLA  
AF058914 TARTKMMNQETYLMERITKAKEQLQNLV  
AC074360\_1 TERSKTMMSHETFLRDQITKEQNKLESLR  
AC074360\_2 TEQSKLMMSHETYLQDKITKETKLESLR  
AC004512\_1 LDRTKMMVDQETFLRQRIAKETERLQKLR  
AC004512\_3 LDRTKMMVDQETFISQRIAKEKEQLQKLR  
AB015468 MDQHKMVDQEGFLKQRIAKATEFLRRQR  
AF058914\_2 MDKTKKMNQETFLQQRITKATE.SWKKLR  
Os\_AP002070\_1 IDRFRKRVTNQEQYLRRKRIAKARERTSKAD  
Os\_AP002070\_2 MEQCKKMMNQEDEFRLRLRIGKLEQLRKMD  
AC018721 SVQKKKESNVE SYLKEKTHKFQEQLLKSK  
AGL41 YEH IKKEMDIELFLNEKTNKVNEKLIKSC  
AC012393 LEQEKKMVSHEGFIRQNI SKTME.SNNKKM  
AC007184 TQKKVKSVNHEEFLNLYISKVEKQSKKLI

**Multiple Consensus** TDRTKMMMQETFLRERITKAKEQLKKLR  
LEQ VNH Y MQK A ET K QN  
MA S

## MOTIF 6

AB015468 EMTEVMFQCLIGNMEMFHLNIVDLNDLGYMIEQYLKDVNRR  
AF058914\_2 EMKNIMFDCLSGKTLVSSIEKTELRFDFGVIEQQKDVNRR  
AC012393 TMKEAMFQLLSGKGEKLNLTDRNREDLCKYIDQYLKELYHK  
AC07184 CLKEVMFKCLGGNMGDFVMNDNDRDLCKFIDHYLRNLYHK  
AC007627 QVRRFMFDCVEGKMSQYRYDAKDLQDLS CMNLYLDQLNGR  
AF058914 QVRRFMFDCVEGKMSQYRYDAKDLQDLS CINLYLDQLNGR  
AF058914\_3 QVRRFMFDCVEGKMSQYHYDAKDLQDLS CINLYLDQLNGR  
AC074360\_1 QLKHFMFDCVGGKMSQYRYGARDLQDLSLFTDQYLNQLNRK  
AC074360\_2 QLRQFMFDCVEGKMSQYRYGARDLQDLSLYIDHYINQLNSS  
AC004512\_1 QIRDLMFGLCKGEVDVSHLHGRDLLDNVFLNKYLNGVIRR  
AC004512\_3 QIRELMFGLCKGETNVYNLDRDLQDLSLYIDKYLNGLTRR

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

## MOTIF 7

AC004512\_1 VEILKENGESSS-SVP  
AC004512\_3 IEILKENGESSS-SLP  
AC007627 IESIKENGESLLSSVP  
AF058914\_3 IESIKENGESLLSSVP  
AF058914 IEILKEHGDLSLPSVSP  
AB015468 IEILREIGESSS-VAV

**Multiple consensus** IEILKENGESSSSVSP  
V SI LL V

## MOTIF 8

AC007627 ITVVDNANPNQNMNQYQAPNNLFQIQRE FYNINLNLNLNLN  
AF058914\_3 ITVVDNANP-ANMNNQYQAPNNLFQIQRE FYNINLNLNLNLN  
AF058914 ITVVDNANP-ANMNNQYQAPNNMFQIQRE FYNINLNQ-----  
AC004512\_1 PI GMIQ-NQNQQEPQQYQALYDYDQIQPKKHLDFNMKMNIDPN  
AC004512\_3 PVGMFQ-NQNQQKPPQQYQALYDYDQIQPKKHGFNMNMKDSN

**Multiple consensus** ITVVDNANPNQNMNQYQAPNDYFQIQKRE FYNINLNMNLNLDLN  
P GM Q Q AQEP LYNLD PRK H F M L N

## MOTIF 9

AC074630\_1 QNMKHAHIFPMDGNYNYHQPP-----TVGLTST  
AC074630\_2 YAAEHAHIFPMNGNYNYHQPP-----TVGLTST  
AF058914\_3 HVGGRESIPFVDGNCYNYHQPSNQLPAVDHAST  
AC007627 HVGGRESIPFVDRNYNYNQLP-----AVDLAST  
AF058914 HVGGRESIPFMDGNYNYNQLP-----VVDHGST  
AC04512\_1 -DGEDEGIPCMDNN--NYHPEI-----DCLATV  
AC004512\_3 NDGEDEGIPCMDNN--NYHPEI-----DCLATV

**Multiple consensus** HVGERESIPFMDGNY NYHQLP TVDLAST  
ND GDAG CV N PEI ADGHTTV  
H H P C