

MSQSYHYIYSFXGLLSLWILCTSSSTNKCTVRXEVADCSHLKLTQIPDDLXNITVNLNTHNQLRRLPPA
10 20 30 40 50 60 70

ABB76310.pro MSQSVPHYISSLWGLLSLWMLCTSSGKCTVRQEVADCSHLKLTQIPDDLPTNITVNLNTHNQIKRLPPA 70
XP_005630024. MSQSLLYHYISFLGLLPFWILCTSSSTNKCVVRHEVADCSHLKLTQVDDL PANITVNLNTHNQLRRLPPA 70
NP_942086.1.p MKGRSSYL IYSFGGLLSLWLVVSSSTNQCTVRYNVADCSHLKLTTHIPDDLPSNITVNLNTHNQLRGLPPA 70

NFTRYSQLTXLDGGFNISISKLEPELCQXLPPLKVLNLQHNELSQLSDQTFVFCXNLTELHLSMSNSIXKIQ
80 90 100 110 120 130 140

ABB76310.pro NFTRYSQLTVLDGGFNTISKLEPELCQSLPQSLKVLNLQHNELSQLSDKTFVFCMNLTELHLSMSNSIQKIQ 140
XP_005630024. NFTRYSQLTILDGGFNISISKLEPELCQKLPLEILNLQHNELSHLSQDQTFVFCVNLTELHLSMSNSIKIQ 140
NP_942086.1.p NFTRYSQLALLDAGFNISISKLEPELCQILPPLKVLNLQHNELSQISDQTFVFCNLTELHLSMSNSIRKIK 140

NNPFKNQKNIKLDL SHNGLSSTKLGTLQLENLQELLSKNKIXALRXEELDFLGNSSLXKLELSSNPI
150 160 170 180 190 200 210

ABB76310.pro NNPFKNQKNIKLDL SHNGLKSTKLGTLQQLQNLQELLSKNKIQALKSEELAF LGNSSLKLELSSNLI 210
XP_005630024. NNPFRLKNIKLDL SHNGLSSTKLGSLQLENLQELLSNNKINVL RREELDFLGNSSLKLELSSNPI 210
NP_942086.1.p SNPFKNQKSLIKLDL SHNGLSSTKLGTVQLENLQELLSAKNKIFALRNEELDFLGNSSLKLDLSSNPL 210

KEFSPGCFHAIGKLFGLXLNNAQLNPSLTEKLCLEL SNTSIQNL SLSNXQLXRTSNXTFLGLKHTNLTML
220 230 240 250 260 270 280

ABB76310.pro KEFSPGCFHAIGQLFGLFLNNAQLGPSLTEKLCLEL SNTSIQNL SLSNSQLNRISNRTLLGLKHTNLTML 280
XP_005630024. KEFSPGCFHAIGKLFGLSLNNVQLNPSLTENL CLEL SNTSIQNL SLSNTQLHRTSNMTFLGLKHTNLTML 280
NP_942086.1.p KEFSPGCFHAIGKLFVLLNNAQLNLDL TEKLCWEL SNTSIQNL SLSANNQLLATSNTSFGSLKQTNLTSL 280

DLSHNNLNXIXNDSFVWLP HLKYLLEYNNIXHLXHSFYGLXNVRYLXLRKSFYKQSVSLASHPIXIDF
290 300 310 320 330 340 350

ABB76310.pro DLSHNNLNMIDDSFVWLP HLKYL FLEYNNIVHLSNHSFYGLFNVRHLNLRKSFYKQSVSLTSLPKIDDF 350
XP_005630024. DLSHNNLNVIEENSFVWLP HLEYFLLEYNNIEHLFSHSFYGLFNVRHLNLRKSFYKQSVSLASHPRIDDF 350
NP_942086.1.p DLSYNSLRDVGNDAFSWLP HLKYL SLEYNNIQR LTPHSFRGLSNLRYLSLKRAFTKQSVSLASHPIXIDF 350

SFQWLKCLEYLNMEDNXIPGIKSNMFTGLIXLKYLSLSNSFTXLQTLTNETFXSLAHSPLLTNLTKNKI
360 370 380 390 400 410 420

ABB76310.pro SFQWLRCLEYLNMEDNDIPSIKRNMTGLINLRYLSLSNSFTNLRTLKNETFSSLAHSPLLTNLTKNKI 420
XP_005630024. SFQWLKCLQYLNMEDNYFAGIKSNMFTGLIKLHLSLSNSFTSLQTLTNETFSLAQSPLITLNLTKNKI 420
NP_942086.1.p SFQWLKCLEHLNMDNTIPGIKSNMFTGLVSLKYLSLKTFTGLQTLTNETFVSLTHSPLLTNLTKNHI 420

SKIESGAFSWLGLXVLDLGLNEIGQELTGQEWRLGLENIFEIYLSYNKYQLTSSXSFALVPSLQRLMLRR
430 440 450 460 470 480 490

ABB76310.pro SKIESDAFSLWGLSLEVLDIGINEIGQELTGQEWRLGLENIFEIYLSYNKYQLTSSXSFALVPSLQRLMLRR 490
XP_005630024. SKIESGAFSWLGHQLVLDLGLNEIGQELTGQEWRLGLENIFEIYLSYNKYQLTSSXSFALVPSLQRLMLRR 490
NP_942086.1.p SKIASGTFSWLGLRILDGLNEIGQELTGQEWRLGLENIFEIYLSYNKYQLTSSXSFALVPSLQRLMLRR 490

VALKNVDISPSPFHPLXNLTILDLSNANNIANINEELLEGLKLEILDQHNHLARLWKHANPGGPVHFLK
500 510 520 530 540 550 560

ABB76310.pro VALKNVDISPSPFHPLHDLTILDLSNANNIANINEEMLEGLKLEVLQHNHLARLWKQANPGGPVHFLK 560
XP_005630024. TALRNVDISPSPFHPLRNILDLNANNIANINDELLEGLKLEILDMQHNNHLARLWKHANPGGPVHFLK 560
NP_942086.1.p VALKSVDISPSPFRLYNTILDLSNANNIANINEDLLEGLLENLEILDFQHNNHLARLWKHANPGGPVHFLK 560

GLSHLHILNLESNGLDEIPXVFKNLFELKSNLGLNLLXLPXSFDDQVSLKSLNLQKNLITSVEKXV
570 580 590 600 610 620 630

ABB76310.pro GLSHLHILNLESNGLDEIPEGVFKNLFQKSNLALNLLNVLQPSVDFDDQVSLKSLNLQKNLITSVEKXV 630
XP_005630024. GLSHLHILNLESNGFDEIPA EVFKGLSELKSIDLGLNLLNIFPSSLFNDQVSLKSLNLQKNLITSVEKXV 630
NP_942086.1.p GLSHLHILNLESNGLDEIPVFKNLFELKSNLGLNLLNLTLPXSFDDQVSLRSLNLQKNLITSVEKXV 630

FGPAFXNLSNLDMSFNPFDCCTCESIAWVFNWIXTHTHNISELSSHYL CNTPPQYHGFPVXLFDTS SCKDS
640 650 660 670 680 690 700

ABB76310.pro FGPVFKNLSNLDMSFNPFDCCTCESIAWVFNWINKTRTNISELSSHYL CNTPPQYHGFSVRLFDTS SCKDS 700
XP_005630024. FGPAFRNLSNLDMSFNPFDCCTCESIAWVFNWIXTHTHNISELSSHYL CNTPPQYHGFPVMLFDISPCCKDS 700
NP_942086.1.p FGPAFHNLNLSNLDMSFNPFDCCTCESIAWVTLNQTHTNIPELSTHYLCNTPPQYHGLPVKLFDTSSCKDS 700

APFELLFIINTSXLLTFIFIVLLIHFEGWRISFYWNVSVHRILGFKEIDXQPEQFEYTAIYIHAHKDRDW
710 720 730 740 750 760 770

ABB76310.pro APFELLFIINTSFLLLFIFIVLLIHFEGWRISFYWNVSVHRILGFKEIDGQPEQFEYTAIYIHAHKDRDW 770
XP_005630024. APFEIFFIINTSVLLTFIFIVLLIHFEGWRISFYWNVSVHRILGFKEIDKQPEQFEYAAIYIHAHKDRDW 770
NP_942086.1.p APFQLLFIINTSTLLTFILAVLLIHFEGWRISFYWNVSVHRILGFKEIDAQGEQFEYTAIYIHAQKDRDW 770

VWEHFSPMEEEXDSLKFCLEERDFEAGVLEGLAIVNSIKRSRKII FVITQHLLKDP LCKRFKVHVAVQQA
780 790 800 810 820 830 840

ABB76310.pro VWEHFSSMEEEDPSIKFCLEERDFQAGVLEGLAIVNSIKRSRKII FVITQHLLKDP LCKRFKVHVAVQQA 840
XP_005630024. VWEHFSPMEEKDETLKFCLEERDFEAGVLEGLAIVNSIKRSRKII FVITQHLLKDP LCKRFKVHVAVQQA 840
NP_942086.1.p VWEHFSPMEEQDQSLKFCLEERDFEAGVLEGLAIVNSIKRSRKII FVITHHLLKDP LCKRFKVHVAVQQA 840

IEQNLDIIILIFLENIPDYKLNHALCLRRGMFKSHCILNWPVQKERINAFHHLQVALGSRNSXH
850 860 870 880 890 900

ABB76310.pro IEQNLDIIILIFLENIPDYKLNHALCLRRGMFKSRCIFYPVHKERIEAFHHLQVALGSRNSLH 905
XP_005630024. IEQNLESIIILFLEIPDYKLNHALCLRRGMFKSHCILNWPVQKERVNFAFHHLQVALGSRNSIH 905
NP_942086.1.p IEQNLDIIILIFLQNPIDYKLNHALCLRRGMFKSHCILNWPVQKERINAFHHLQVALGSRNSAH 905