

gi|12963487|ref|NP_075606.1| MEVPLQKSAPGSALSPARVLG-GIORPRHLSVFEFESDG---FLGSPPEPTASSPVVTLTQTMHNLGAGL--SEPPKAQVG--ELSFQNRRLADLDSLSRR-TSECLSSSESSESADAGLCMDSPSPVDPQMAERTFEQAIQAASRVIQ 150
gi|19424260|ref|NP_598256.1| MEVPPQKSAPGSALSTARVLG-GIORPRHLSGFGFGSDG---LLGSPERAASSPVVTLTQTMYNLAGL--SETPKTOVG--ELSFQNRRLTDLDSLSRR-TSECLSSSESSESADAGLCMDSPSPMDPQMAERTFEQAIQAASRVIQ 150
gi|11641413|ref|NP_068659.1| MEVPPQKSAPGSALSPAGVCG-GAORPGHLPGLLLGSHG---LLGSPVRAAASSPVVTLTQTMHDLGAGL--SETPKSOVGTLLFRRSRLTHLSLSRR-ASESSLSSSESSESADAGLCMDSPSPMDPHMAEOTFEQAIQAASRIIRN 150
gi|114680693|ref|XP_001162706.1| MEVPPQKSAPGSALSPAGVCG-GAORPGHLPGLLLGSHG---LLGSPVRAAASSPVVTLTQTMHDLGAGL--SETPKSOVGTLLFRRSRLTHLSLSRR-ASESSLSSSESSESADAGLCMDSPSPMDPHMAEOTFEQAIQAASRIIRN 150
gi|73991410|ref|XP_850186.1| MELPQPEPAPAPALSPVCLGR-GAERPRHLLGLQTAGHG---LVGSPERAASSPVVTLTQTMHNLGAGL--SETPKROVG---SLLTSLSLRRRAESLSSSESSESADAGLCMDSPSPMDPQMAEOTFEQAIQAASRVIRN 150
gi|76632721|ref|XP_871427.1| MELPQPEPAPAPALSPVCLGR-GAERPRHLLGLQTAGHG---LVGSPERAASSPVVTLTQTMHNLGAGL--SETPKROVG---SLLTSLSLRRRAESLSSSESSESADAGLCMDSPSPMDPQMAEOTFEQAIQAASRVIRN 150
gi|169259796|ref|NP_001108567.1| MDIDMVPGDVSPVDPFSTIGPESALGAPRFTLPELGARGSPCKMSLSPGPMAVLSPVNLALNMINLAVLGGGCEPDKPKRKN---LPLLKI---PFAFASDAS--SDAGLGLRCPSPILSLDABQKPKKAMQDTRAVN- 150
1.....10.....20.....30.....40.....50.....60.....70.....80.....90.....100.....110.....120.....130.....140.....150



gi|12963487|ref|NP_075606.1| EFTIKRFRSLPVRLLGHSVPLSIITNSRALDSWRKTEAGYRAAANSFGEDKENDGYIFKMPQELPHSSAQALAEVNSRRQAFTRQPSAPDLMLCLIT--EWKMEVEBELSPVAQS-SLTPVERASEDDGFVDILESDLKDDKVPAG 300
gi|19424260|ref|NP_598256.1| MFTTIKAK-VFASAEAGHSVPLQNIITNSQALDSWEKDEAGYRAAS--SPGEDKENDGYIFKMPQELPHSSARALAEWASRRQAFTRQPSAPDLMLCLIT--DGKMDVEEASPVVAQS-SLTPVERACEDDGFVDILESDLKDDDMVPAG 300
gi|11641413|ref|NP_068659.1| EQFAIRRFOSMPVRLGHSVPLRNIITNSQAPDGRKRS EAGSGAAS--SSGEDKENDGFVFKMPKWPFTPHSSHALAEWASRRQAFTRQPSAPDLMLCLIT--DRKMEVEBELSPALGRFSLTPAEGDTEEDDGFVDILESDLKDDAVPPG 300
gi|114680693|ref|XP_001162706.1| EQFAIRRFOSMPVRLGHSVPLRNIITNSQAPDGRKRS EAGSGAAS--SSGEDKENDGFVFKMPKWPFTPHSSHALAEWASRRQAFTRQPSAPDLMLCLIT--DRKMEVEBELSPALGRFSLTPAEGDTEEDDGFVDILESDLKDDAVPPG 300
gi|73991410|ref|XP_850186.1| KQFAIRRFOSLPGVRLGHSVPLRNIITNSQAPDGRKRS EACVRAAPQ--SSGEDKENDGFVFKMPKWPFPHPHSHAHASAEWADRRQAFTRQPSAPDLMLCLIT--ERKMEVEBELSPARCFSLIAPRGPSEDDGFVDILESDLKDDAVPPG 300
gi|76632721|ref|XP_871427.1| EQFAIRRFOSLPGVRLGHSVPLRNIITNSQAPDGRKRS EACVRAAPQ--SSGEDKENDGFVFKMPKWPFPHPHSHAHASAEWADRRQAFTRQPSAPDLMLCLIT--ERKMEVEBELSPARCFSLIAPRGPSEDDGFVDILESDLKDDAVPPG 300
gi|169259796|ref|NP_001108567.1| EKMPIRRIRHSLPLQFLGHSVPLRNIITNSQAPDGRKRS EACVRAAPQ--SSGEDKENDGFVFKMPKWPFPHPHSHAHASAEWADRRQAFTRQPSAPDLMLCLIT--ERKMEVEBELSPARCFSLIAPRGPSEDDGFVDILESDLKDDAVPPG 300
.....160.....170.....180.....190.....200.....210.....220.....230.....240.....250.....260.....270.....280.....290.....300



gi|12963487|ref|NP_075606.1| MENLISAPLVKLLDKEEEDLIMFSKQRLFRSPMPCSVIRPILKRLRERPHDRDVPVSKRRKSVTPLEE--QOLEEPKARVFRSKSLCH-EIENILSDHRELIGDYSKAFLLQTVDGKHQDLKYISPEIMVALLTGKFSNIVEKFVI 450
gi|19424260|ref|NP_598256.1| MENLISAPLVKLLDKEEEDLIMFSKQRLFRSPMPCSVIRPILKRLRERPHDRDVPVSKRRKSVTPLEE--QOLEEPKARVFRSKSLCH-EIENSILSDHRELIGDYSKAFLLQTVDGKHQDLKYISPEIMVALLTGKFSNIVEKFVI 450
gi|11641413|ref|NP_068659.1| MESLISAPLVKTLKEKEEKDLVMYSKQRLFRSPMPCSVIRPILKRLRERPHDRDVPVQNKRRRSVTPPEE-QQEAEPKARVLRKSLCHDEIENILSDHRELIGDYSKAFLLQTVDGKHQDLKYISPEIMVALLTGKFSNIVDKFVI 450
gi|114680693|ref|XP_001162706.1| MESLISAPLVKTLKEKEEKDLVMYSKQRLFRSPMPCSVIRPILKRLRERPHDRDVPVQNKRRRSVTPPEE-QQEAEPKARVLRKSLCHDEIENILSDHRELIGDYSKAFLLQTVDGKHQDLKYISPEIMVALLTGKFSNIVDKFVI 450
gi|73991410|ref|XP_850186.1| MESLISAPLVKTSKEKEEDLIMYSKQRLFRSPMPCSVIRPILKRLRERPHDRDLPVQNKRRSVTPPEE-QQEAEPKARVLRKSLCHDEIENILSDHRELIGDYSKAFLLQTVDGKHQDLKYISPEIMVALLTGKFSNIVEKFVI 450
gi|76632721|ref|XP_871427.1| MESLISAPLVKTSKEKEEDLIMYSKQRLFRSPMPCSVIRPILKRLRERPHDRDLPVQNKRRSVTPPEE-QQEAEPKARVLRKSLCHDEIENILSDHRELIGDYSKAFLLQTVDGKHQDLKYISPEIMVALLTGKFSNIVEKFVI 450
gi|169259796|ref|NP_001108567.1| MDSLITAPLVAKQIPETDS-PVIRRCRPRGLFRSPMPCAVGRIPLKRRERPHDRDLPVQNKRRSVTPPEE-QQEAEPKARVLRKSLCHDEIENILSDHRELIGDYSKAFLLQTVDGKHQDLKYISPEIMVALLTGKFSNIVEKFVI 450
.....310.....320.....330.....340.....350.....360.....370.....380.....390.....400.....410.....420.....430.....440.....450



gi|12963487|ref|NP_075606.1| VDCRYPYEYEGGHKNAVNLPLEPDAETFLQRPITPCLDKRIILIFHCFSSERGPDMCFIRERDRAANDVPSLYYPEMVLKGGYKEFFPQHPNFCPEODYRPMNHEAFRDELRFRLKTRSWAGERSRRELCSRLQDQ 593
gi|19424260|ref|NP_598256.1| VDCRYPYEYEGGHKNAVNLPLEPDAETFLQKHPITPCLDKRIILIFHCFSSERGPDMCFIRERDRAANDVPSLYYPEMVLKGGYKEFFPQHPNFCPEODYRPMNHEAFRDELRFRLKTRSWAGERSRRELCSRLQDQ 593
gi|11641413|ref|NP_068659.1| VDCRYPYEYEGGHKNAVNLPLEPDAETFLQKSPIAPCLDKRVILIFHCFSSERGPDMCFIRERDRAANDVPSLYYPEMVLKGGYKEFFPQHPNFCPEODYRPMNHEAFRDELRFRLKTRSWAGERSRRELCSRLQDQ 593
gi|114680693|ref|XP_001162706.1| VDCRYPYEYEGGHKNAVNLPLEPDAETFLQKSPIAPCLDKRVILIFHCFSSERGPDMCFIRERDRAANDVPSLYYPEMVLKGGYKEFFPQHPNFCPEODYRPMNHEAFRDELRFRLKTRSWAGERSRRELCSRLQDQ 593
gi|73991410|ref|XP_850186.1| VDCRYPYEYEGGHKNAVNLPLEPDAETFLQKSPIAPCLDKRIILIFHCFSSERGPDMCFIRERDRAANDVPSLYYPEMVLKGGYKEFFPQHPNFCPEODYRPMNHEAFRDELRFRLKTRSWAGERSRRELCSRLQDQ 593
gi|76632721|ref|XP_871427.1| VDCRYPYEYEGGHKNAVNLPLEPDAETFLQKSPIAPCLDKRIILIFHCFSSERGPDMCFIRERDRAANDVPSLYYPEMVLKGGYKEFFPQHPNFCPEODYRPMNHEAFRDELRFRLKTRSWAGERSRRELCSRLQDQ 593
gi|169259796|ref|NP_001108567.1| VDCRYPYEYEGGHKNAVNLPLEPDAETFLQKSPIAPCLDKRIILIFHCFSSERGPDMCFIRERDRAANDVPSLYYPEMVLKGGYKEFFPQHPNFCPEODYRPMNHEAFRDELRFRLKTRSWAGERSRRELCSRLQDQ 593
.....460.....470.....480.....490.....500.....510.....520.....530.....540.....550.....560.....570.....580.....590.....

