

gi|6754672|ref|NP\_034916.1| ..... 150  
gi|109480586|ref|XP\_235169.4| MNLFGFASCOLLILVPSQGRTAGGHDHSRBNLDEKDSGAGSGFSPSPITSLVPTGCRGSLGAAAFVRSRCRFARPPERNGLSSPGHRAALPMKGRRPRGDPRLLAGSRGDGLLAPGHDALIHQAVCRRAETDTPGTSPTITVLLLRASRP 150  
gi|89993689|ref|NP\_002383.2| ..... 150  
gi|114645764|ref|XP\_001154940.1| ..... MVRSRQ 150  
gi|149642933|ref|NP\_001092577.1| ..... MVRSRQ 150  
gi|50978798|ref|NP\_001003103.1| ..... 150  
gi|205361189|ref|NP\_571439.2| ..... 150  
1.....10.....20.....30.....40.....50.....60.....70.....80.....90.....100.....110.....120.....130.....140.....150

gi|6754672|ref|NP\_034916.1| ..... 300  
gi|109480586|ref|XP\_235169.4| MCNTNMSVSTEGAASSTQIPASEQEILVLRPKPLLLKLLKSVGAQNDIYTMKEIIFVIGQYIMTKRLYDEKQOHIVYCSNDLLGDFVGVPSFVKEHRKIYAMIVRNLVAVSQQ---DGGTSLSESRQPEGGSDLKDPVQASQBEKPPSS 300  
gi|89993689|ref|NP\_002383.2| MCNTNMSVSTEGAAGTQIPASEQEILVLRPKPLLLKLLKSVGAQNDIYTMKEIIFVIGQYIMTKRLYDEKQOHIVYCSNDLLGDFVGVPSFVKEHRKIYAMIVRNLVAVSQQ---DGGTSLSESRQPEGGSDLKDPVQASQBEKPPSS 300  
gi|114645764|ref|XP\_001154940.1| MCNTNMSVPTDGAVITTSQIPASEQEILVLRPKPLLLKLLKSVGAQNDIYTMKEVIFVIGQYIMTKRLYDEKQOHIVYCSNDLLGDFVGVPSFVKEHRKIYMIYRNLVVNVNQ-ESSDGGTSSVSENRCHEGGSDOKDLVQELQBEKPPSS 300  
gi|149642933|ref|NP\_001092577.1| MCNTNMSVPTDGAVITTSQIPASEQEILVLRPKPLLLKLLKSVGAQNDIYTMKEVIFVIGQYIMTKRLYDEKQOHIVYCSNDLLGDFVGVPSFVKEHRKIYMIYRNLVVNVNQ-ESSDGGTSSVSENRCHEGGSDOKDLVQELQBEKPPSS 300  
gi|50978798|ref|NP\_001003103.1| MCNTNMSVPTDGAVITTSQIPASEQEILVLRPKPLLLKLLKSVGAQNDIYTMKEVIFVIGQYIMTKRLYDEKQOHIVYCSNDLLGDFVGVPSFVKEHRKIYMIYRNLVVNVNQ-EPSSDGGTSSVSENRCHEGGSDOKDLVQELQBEKPPSS 300  
gi|205361189|ref|NP\_571439.2| -----MATESCLSSSQISKVINEKLVLRPKVQLKSLLEDAGADKDFVFMKEVIMFVIGQYIMTKELVYKQOHIVHCGEDPLGAVLVGVKSFVKEPRALFALINRNLVTVKNE-----EQSTFSEPRSSQSE-----PDRGPGD 300  
.....160.....170.....180.....190.....200.....210.....220.....230.....240.....250.....260.....270.....280.....290.....300



gi|6754672|ref|NP\_034916.1| ..... 450  
gi|109480586|ref|XP\_235169.4| SDLISRLSTSS---RRRSISETEENDELPGERHRKRKRS---LSFDPSLGLCELREMGSGSSSSSSSSSESTETPSHQDLDGVSSEHSGDCLDQDSVSDQFSVEFEVESLDSSEYSLSDGHEHLSDEDDVYRVVIVYQAGESDIDSF 450  
gi|89993689|ref|NP\_002383.2| SDLVSRPSTSS---RRRAISETEENDELPGERQRKRHRA---LSFDESLGLCVLREICCE---RSSSESTETPSHQDLDGVSSEHSDADCLDQDSVSDQFSVEFEVESLDSSEYSLSDGHEHLSDEDDVYRVVIVYQAGESDIDSF 450  
gi|114645764|ref|XP\_001154940.1| SHLVSRPSTSS---RRRAISETEENDELPGERQRKRHKS---LSFDESLALCVLREICCE---RSSSESTETGTPSNPDLDAVSEHSGDWLDQDSVSDQFSVEFEVESLDSSEYSLSEEGQELSDDEDDVYRVVIVYQAGESDIDSF 450  
gi|149642933|ref|NP\_001092577.1| SDMVSRPSTSS---RRRAVSETEENSDELPGERQRKRHKS---LSFDESLALCVLREICCE---RSSSESTETGTPSNPDLDAVSEHSGDWLDQDSVSDQFSVEFEVESLDSSEYSLSEEGQELSDDEDDVYRVVIVYQAGESDIDSF 450  
gi|50978798|ref|NP\_001003103.1| SDLISRPSTSS---RRRTISETEEHADDLPGERQRKRHKS---LSFDESLALCVLREICCE---RSSSESTETGTPSNPDLDAVSEHSGDWLDHHSVSDQFSVEFEVESLDSSEYSLSEEGQELSDDEDDVYRVVIVYQAGESDIDSF 450  
gi|205361189|ref|NP\_571439.2| TDSERSSTSSQQRRRRRSSDPSSSAEDESRERKRHKSDFSLTFDDLSLWCVIGGLHRE-----RGNSESSDANSNDVGISRSESESESDSDSDNFSVEFEVESINSDAYSENVDVSPG--ENETVEVITFAE---DEDSF 450  
.....310.....320.....330.....340.....350.....360.....370.....380.....390.....400.....410.....420.....430.....440.....450



gi|6754672|ref|NP\_034916.1| ..... 600  
gi|109480586|ref|XP\_235169.4| EGDPEISLADYWKCTSNEMNPLPLPHCNRKWTLRENWLPDDKGDKVEISEKAKLENSAQAEGLDVPDGGKLVENDAKEPCAEE---DSEKAEOTPLSQEEDDYSQPSSTSSIVYSSQESVK---ELK-ETQDKD--ESVSSFSIL 600  
gi|89993689|ref|NP\_002383.2| EGDPEISLADYWKCTSNEMNPLPLPHCNRKWTLRENWLPDDKGDKVEISEKAKLESDDAEGLDVPDGGKLVENDAKESAE---DSEKVAQMLLSQEEDDYSQPSSTSSIVYSSQESVK---ELK-EDTQDKE--ESMESSFL 600  
gi|114645764|ref|XP\_001154940.1| EEDPEISLADYWKCTSNEMNPLPLPHCNRKWALRENWLPEDKGDKGEISEKAKLENSTQAEEGFDVPCCKKTIVNDSRESQVE---ENDDKITQASQSEEDYSQPSSTSSIIYSSQEDVK---EFEREETQDKE--ESVSSLPL 600  
gi|149642933|ref|NP\_001092577.1| EEDPEISLADYWKCTSNEMNPLPLPHCNRKWALRENWLPEDKGDKGNMSEKAKLGDSTMQDEGFDVPCCKKSTIVSDRESQVE---ENDDKITQASQSEEDYSQPSSTANSIIYSSQEDVK---EFEREETQDKE--ESMESSFL 600  
gi|50978798|ref|NP\_001003103.1| EEDPEISLADYWKCTSNEMNPLPLPHCNRKWALRENWLPEDKGGK---LPEKATPENSIVVEGFDVPCCKKAAASDRESQCAE---EIDDKITQASQSEEDYSQPSSTANSIIYSSQEDVK---EFEREETQDKE--EIVSSFL 600  
gi|205361189|ref|NP\_571439.2| DEDTEINLADYWKCPKDDQFNPLPRHCQSCWTRADWLPETHSNWENLNRNTRTPNPELISVTTTPNPTTFEKKLSKPSPLSEEDDGVVVPDGGKFPSPATKPELPSAIIIDSQTESQPSISGGGSSQETPELERFNSLEACLPA 600  
.....460.....470.....480.....490.....500.....510.....520.....530.....540.....550.....560.....570.....580.....590.....600



gi|6754672|ref|NP\_034916.1| ..... 650  
gi|109480586|ref|XP\_235169.4| NAIIEPCVICGRPKNGCIVHGKIGHLMSCFCAKLLKRNKPCPVCRQPIOMIVLYYFN 650  
gi|89993689|ref|NP\_002383.2| NAIIEPCVICGRPKNGCIVHGKIGHLMACFCAKLLKRNKPCPVCRQPIOMIVLYYFP 650  
gi|114645764|ref|XP\_001154940.1| NAIIEPCVICGRPKNGCIVHGKIGHLMACFCAKLLKRNKPCPVCRQPIOMIVLYYFP 650  
gi|149642933|ref|NP\_001092577.1| NAIIEPCVICGRPKNGCIVHGKIGHLMACFCAKLLKRNKPCPVCRQPIOMIVLYYFP 650  
gi|50978798|ref|NP\_001003103.1| NAIIEPCVICGRPKNGCIVHGKIGHLMACFCAKLLKRNKPCPVCRQPIOMIVLYYFP 650  
gi|205361189|ref|NP\_571439.2| TCLEPCVICSRPKNGCIVHGRIGHLMACYTCAKLLKRNKPCPVCREPIOSVVLYYMS 650  
.....610.....620.....630.....640.....650.....

