

gi | 7706683 | ref | NP_057405.1 |MAWNTNLRWRLLPTCLLLQVIMVILFGVFRYDFEADAHWWSERTHKNLS-DMENEFYRYPSPQDVHVMVFGVFGFLMTFLQRYGFSVAVGFNLLAAGFIOWALLMOGWFFHFLG--DRYIVVGVENLINADFCVAS 150
gi | 78486572 | ref | NP_001030600.1 |MAWNTNLRWRLLPTCLLLQVIMVILFGVFRYDFEADAHWWSERTHKNLS-DVNEFYRYPSPQDVHVMVFGVFGFLMTFLQRYGFSVAVGFNLLAAGFIOWALLMOGWFFHFLG--GRYIVVGVENLINADFCVAS 150
gi | 9790197 | ref | NP_062773.1 |MAWNTNLRGRLLPTCLLLQVIMVILFGVFRYDIQADAHWWEKKRKNISSDVNEFYRYPSPQDVHAMVFGVFGFLMTFLQRYGFSVAVGFNLLAAGFIOWALLMOGWFFHFLG--EGHIVLVSVENLIQADFCVAS 150
gi | 34013520 | ref | NP_898876.1 |MAWNTNLRGRLLPTCLLLQVIMVILFGVFRYDIQADAHWWEKKRKNISSDVNEFYRYPSPQDVHAMVFGVFGFLMTFLQRYGFSVAVGFNLLAAGFIOWALLMOGWFFHFLG--EGHIVLVSVENLIQADFCVAS 150
gi | 73951467 | ref | XP_549635.2 |MVWNTNLRWRLLPTCLLLQVALVVLFGVFRYDMDADPHWIDKKEAENSTSDMENEFYRYPSPQDVHVMIFVFGVFGFLMTFLQRYGYSVAVGFNLLAAGFIOWALLMOGWFFHFLG--RGYIRVGVENLINADFCVGS 150
gi | 27806429 | ref | NP_776597.1 |MIWNTNLRWRLLPVACLLLEVALIALFGVFRYDMDADPHWVQEKVLIKNSLDLENEFYRYPSPQDVHVMIFVFGVFGFLMTFLQRYGYSVAVGFNFP-LAAFQIOWALLMOGWLQSFDP--GRYILVDLENLINADFCVGS 150
gi | 52138643 | ref | NP_001004370.1 |MERPRHCGMTKNTYMRWRLLPLCLLQVAVMILFGVFRYDFEADAHWWEKKRKNISSDIENDFYRYPSPQDVHVMIFVFGVFGFLMTFLKRYGFSVAVGFNLLAAGFIOWALLMOGWFFHFLG--NGKILVGVENLINADFCVGS 150
gi | 147906216 | ref | NP_001083046.1 |MGNFLICCRGFWCGKPNVVRVLSLPIVCLLWVLIAMIIILFGVFRYNEESDSHWIETRKKKNISTDLENEFYRYPSPQDVHVMIFVFGVFGFLMTFLKRYGFSVAVGFNLLAAGFIOWALLMOGWFFHFLG--IKIGIVGVENLINADFCVAG 150
gi | 156616328 | ref | NP_001096088.1 |MVKNTNIRISLPAVCFVWGLAMIIILFGVFRYNEESDSHWIETRKKKNISTDLENEFYRYPSPQDVHVMIFVFGVFGFLMTFLKRYGFSVAVGFNLLAAGFIOWALLMOGWFFHFLG--EDKIKIGIVGVENLINADFCVAG 150
1.....10.....20.....30.....40.....50.....60.....70.....80.....90.....100.....110.....120.....130.....140.....150



gi | 7706683 | ref | NP_057405.1 |VCVAFGAVLGKVSPIQLLIMTFQVILFAVNEFILLNLLKVKDAGGSMITHFTGAYFGLTVTRILYRRNLEQSKERONSVYQSDLFAMIGTLFLWMYWPFSNSAISYHGDSQHRAAINTYCSLAACVLTSSVALHKKKGLDMVHIQ 300
gi | 78486572 | ref | NP_001030600.1 |VCVAFGAVLGKVSPIQLLIMTFQVILFAVNEFILLNLLKVKDAGGSMITHFTGAYFGLTVTRILYRRNLEQSKERONSVYQSDLFAMIGTLFLWMYWPFSNSAISYHGDSQHRAAINTYCSLAACVLTSSVALHKKKGLDMVHIQ 300
gi | 9790197 | ref | NP_062773.1 |SCVAFGAVLGKVSPIQLLIMTFQVILFAVNEFILLNLLKVKDAGGSMITHFTGAYFGLTVTRILYRRNLEQSKERONSVYHSDLFAMIGTLFLWMYWPFSNSAISYHGDAHQHRAALNTYLSLAASVLTSTVTSIVHKKKGLDMVHIQ 300
gi | 34013520 | ref | NP_898876.1 |VCVAFGAVLGKVSPIQLLIMTFQVILFAVNEFILLNLLKVKDAGGSMITHFTGAYFGLTVTRILYRRNLEQSKERONSVYHSDLFAMIGTLFLWMYWPFSNSAISYHGDTQHRAALNTYLSLAASVLTSTVTSIVHKKKGLDMVHIQ 300
gi | 73951467 | ref | XP_549635.2 |VCVAFGAVLGKVSPIQLLIMTFQVILFAVNEFILLNLLKVKDAGGSMITHFTGAYFGLTVTRILYRRNLEQSKERONSVYHSDLFAMIGTLFLWMYWPFSNSAISYHSDAQHRAAINTYCSLAACVLTSSVALHKKKGLDMVHIQ 300
gi | 27806429 | ref | NP_776597.1 |VCVAFGAVLGKVSPIQLLIMTFQVILFAVNEFILLNLLKVKDAGGSMITHFTGAYFGLTVTRILYRRNLEQSKERONSVYHSDLFAMIGTLFLWMYWPFSNSAISYHSDAQHRAAINTYCSLAACVLTSSVALHKKKGLDMVHIQ 300
gi | 52138643 | ref | NP_001004370.1 |VCVAFGAILGKISPVQLLIMTFQVILFAVNEFILLNLLKVKDAGGSMITHFTGAYFGLTVTRILYRRNLEQSKERONSVYHSDLFAMIGTLFLWMYWPFSNSAISYHSDAQHRAAINTYCSLAACVLTSTMAFSSMLQKKGKGLDMVHIQ 300
gi | 147906216 | ref | NP_001083046.1 |CLIAVGALLGKVSPIQLMLVLLFGVILFAVEEYIILLDLHVRDAGGSMITHFTGAYYGLTIHWLRYRPFSSNHLDRSVYHSDVDFAMIGTLFLWMYWPFSNSAIADHGDQHRAAINTYLSLAASVLTSTFALSSSKYKGLDMVHIQ 300
gi | 156616328 | ref | NP_001096088.1 |CLIAVGACLGKVSPIQLMLVLLFGVILFAVEEYIILLDLHVRDAGGSMITHFTGAYYGLTIHWLRYRPFSSNHLDRSVYHSDVDFAMIGTLFLWMYWPFSNSAIADHGDQHRAAINTYLSLAASVLTSTFALSSSKYKGLDMVHIQ 300
.....160.....170.....180.....190.....200.....210.....220.....230.....240.....250.....260.....270.....280.....290.....300



gi | 7706683 | ref | NP_057405.1 |ATLAGGVAVGTAEMMLMPYCALIIGFVCGIISTLGFVYLLPFLESRLHIQDTCGINNHLGIPGIIIGGIVGAVTAASALEVYKKEGLVHSDFDFQGNQDWTARTQKGFQIYGLLVLAMALMGGITVGLILRLFPWGOQSDENCFEDAV 450
gi | 78486572 | ref | NP_001030600.1 |ATLAGGVAVGTAEMMLMPYCALIIGFVCGIISTLGFVYLLPFLESRLHIQDTCGINNHLGIPGIIIGGIVGAVTAASALEVYKKEGLVHSDFDFQGNQDWTARTQKGFQIYGLLVLAMALMGGITVGLILRLFPWGOQSDENCFEDAV 450
gi | 9790197 | ref | NP_062773.1 |ATLAGGVAVGTAEMMLMPYCALIIGFVCGIISTLGFAYLLPFLESRLRIQDTCGINNHLGIPGIIIGGIVGAVTAASALEVYKKEGLVHSDFDFQGNQDWTARTQKGFQIYGLLVLAMALMGGITVGLILRLFPWGOQSDENCFEDAI 450
gi | 34013520 | ref | NP_898876.1 |ATLAGGVAVGTAEMMLMPYCALIIGFVCGIISTLGFAYLLPFLESRLRIQDTCGINNHLGIPGIIIGGIVGAVTAASALEVYKKEGLVHSDFDFQGNQDWTARTQKGFQIYGLLVLAMALMGGITVGLILRLFPWGOQSDENCFEDAI 450
gi | 73951467 | ref | XP_549635.2 |ATLAGGVAVGTAEMMLMPYCALIIGFVCGIISTLGFVYLLPFLESRLRIQDTCGINNHLGIPGIIIGGIVGAVTASCANIDVYGVNGLVQAFQGFDFGTNTRPSMOKGFQAAGLFVSLAMALVGGIIVGIIILKLPFWGOQSDENCFEDAI 450
gi | 27806429 | ref | NP_776597.1 |ATLAGGVAVGTAEMMLMPYCALIIGFVCGIISTLGFVYLLPFLESRLRIQDTCGVHNLHGIPGIIIGGIVGAVTASCANIDVYGVNGLVQAFQGFDFGTNTRPSMOKGFQAAGLFVSLAMALVGGIIVGIIILKLPFWGOQSDENCFEDAV 450
gi | 52138643 | ref | NP_001004370.1 |ATLAGGVAVGTAEMMLMPYCALIIGFVCGIISTLGFVYLLPFLESRLRIQDTCGVHNLHGIPGIIIGGIVGAVTASAAAEDVYGVNGLVQAFQGFDFGTNTRPSIQQGFQAAGLIIVVSLMAFAGGLVIGAILKLPFWGDPDENCFEDDI 450
gi | 147906216 | ref | NP_001083046.1 |ATLAGGVAVGTAEMMLMPYCALIIGFVCGIISTLGFVYLLPFLESRLRIQDTCGVHNLHGIPGIIIGGIVGAVTASAAAEDVYGVNGLVQAFQGFDFGTNTRPSIQQGFQAAGLIIVVSLMAFAGGLVIGAILKLPFWGDPDENCFEDDI 450
gi | 156616328 | ref | NP_001096088.1 |ATLAGGVAVGTAEMMLMPYCALIIGFVCGIISTLGFVYLLPFLESRLRIQDTCGVHNLHGIPGIIIGGIVGAVTASAAAEDVYGVNGLVQAFQGFDFGTNTRPSIQQGFQAAGLIIVVSLMAFAGGLVIGAILKLPFWGDPDENCFEDDI 450
.....310.....320.....330.....340.....350.....360.....370.....380.....390.....400.....410.....420.....430.....440.....450



gi | 7706683 | ref | NP_057405.1 |YWEVPEE-NSIVYIPEDPTEFKPSGPPVSPVPMVSLPMASSVPLVP----- 514
gi | 78486572 | ref | NP_001030600.1 |YWEVPEE-NSIVYIPEDPTEFKPSGPPVSPVPMVSLPMASSVPLVP----- 514
gi | 9790197 | ref | NP_062773.1 |YWEVPEE-VNIVYIPEDLAHKHSTSLVPAIPLVLSLTPSASIVPPVPTPPASLA-VTSSSLVH 514
gi | 34013520 | ref | NP_898876.1 |YWEVPEE-VNIVYIPEDLAHKHSTSLVPAIPLVLSLTPSASIVPPVPTPPASLA-VTSSSLVH 514
gi | 73951467 | ref | XP_549635.2 |YWEVPEEPKSTLVLPEDSLKPPPEP----- 514
gi | 27806429 | ref | NP_776597.1 |YWEVPEE-KSTLVLPEDSLKPPPEP----- 514
gi | 52138643 | ref | NP_001004370.1 |YWEVPEEESDVYHMHNPDKAASP----- 514
gi | 147906216 | ref | NP_001083046.1 |YWEVPEE-EIPPVLEYSHMVCKNPDMMSESNTVEHR----- 514
gi | 156616328 | ref | NP_001096088.1 |YWEVPEEEDENIPAFGHQNMHVERTPDAHRSHV----- 514
.....460.....470.....480.....490.....500.....510

