```
gi|11321575|ref|NP_003686.1|      ------------------------------------------------------------------------------------------------------------------------------------------------------  150
gi|114622056|ref|XP_001150525.1| ------------------------------------------------------------------------------------------------------------------------------------------------------  150
gi|115496003|ref|NP_001069985.1| ------------------------------------------------------------------------------------------------------------------------------------------------------  150
gi|194671212|ref|XP_001253696.2| ------------------------------------------------------------------------------------------------------------------------------------------------------  150
gi|6754584|ref|NP_034872.1|      ------------------------------------------------------------------------------------------------------------------------------------------------------  150
gi|62652595|ref|XP_235420.3|     ------------------------------------------------------------------------------------------------------------------------------------------------------  150
gi|74011220|ref|XP_851409.1|     MAVLTQKGCDRRALRGDRHLQAIRPLPAPQPDLGPWDTCGDPDANGSGQTDGGGTGDLVSTPGAQGGAQGGRAALPASIPGWPAGTPATARTLTPAECPRPVWGTWVTAPESSPTPGDQEHLWRLARALHCHVCCGHKDCESLVECAPTD  150
                                  1.......10........20........30........40........50........60........70........80........90.......100.......110.......120.......130.......140.......150
```

```
gi|11321575|ref|NP_003686.1|      ------------------------------------------------------------------------------------------------------------------------------------------------------  300
gi|114622056|ref|XP_001150525.1| ------------------------------------------------------------------------------------------------------------------------------------------------------  300
gi|115496003|ref|NP_001069985.1| ------------------------------------------------------------------------------------------------------------------------------------------------------  300
gi|194671212|ref|XP_001253696.2| ------------------------------------------------------------------------------------------------------------------------------------------------------  300
gi|6754584|ref|NP_034872.1|      ------------------------------------------------------------------------------------------------------------------------------------------------------  300
gi|62652595|ref|XP_235420.3|     ------------------------------------------------------------------------------------------------------------------------------------------------------  300
gi|74011220|ref|XP_851409.1|     NYCVITQATPADARQGSQATPPGPSSLETRGFPPGCAPFGHTADSPEPLGALRAGGLARGGTCGFLASGGVGGANPGGILVMKSCAPVCPNSTMSSDGRTLSVSCCQGSQCNRAAGGLAASPGALWLGAWASLLGPLLRAACRGVQALIP  300
                                  .......160.......170.......180.......190.......200.......210.......220.......230.......240.......250.......260.......270.......280.......290.......300
```

```
                                                                                                                                                                                  ::***
gi|11321575|ref|NP_003686.1|      ------------------------------------------------------------------------------------------------------------------------------------MRTALLLLAALAVATGPALTLRCH  450
gi|114622056|ref|XP_001150525.1| ------------------------------------------------------------------------------------------------------------------------------------MRTALLLLAALAVATGPALTLRCH  450
gi|115496003|ref|NP_001069985.1| ------------------------------------------------------------------------------------------------------------------------------------MKTVLLFLVALAAAAGPAQALRCH  450
gi|194671212|ref|XP_001253696.2| ------------------------------------------------------------------------------------------------------------------------------------------------------QALRCH  450
gi|6754584|ref|NP_034872.1|      ------------------------------------------------------------------------------------------------------------------------------------MKTALLVLLVLAVATSPAWALRCH  450
gi|62652595|ref|XP_235420.3|     ------------------------------------------------------------------------------------------------------------------------------------MKTALLLLLALAVATSPAQAFRCH  450
gi|74011220|ref|XP_851409.1|     ASPPTKAKTPGRVNCVGAAVDGSARKPRDMQLAAGGQPAPSLAVPSEAQACFPRSQEPAAPSASGGAGPRAVKPAVAAGTGRALPLQDLQSWGLCALALLTVAVTPAPAIRPPERRGPHCSQRRPKMKTALLLLVALAVAAGPARALRCH  450
                                  .......310.......320.......330.......340.......350.......360.......370.......380.......390.......400.......410.......420.......430.......440.......450
```

```
                                  ** .* **.:   *. .  :*:*   **** ****.*:*   **    . **:**.*   * **: ****  *  .    .    .   *.*. : .**: . *  *
gi|11321575|ref|NP_003686.1|      VCTSSSNCKHSVVCPASSRFCKTTNTVEPLRGNLVKKDCAESCTPSYTLQGQVSSGTSSTQCCQEDLCNEKLHNAAPTRTALAHSALSLGLALSLLAVILAPSL   554
gi|114622056|ref|XP_001150525.1| VCTSSSNCKHSVVCPASSRFCKTMNTVEPLRGNLVKKDCAESCTPSYTLQGQVSSGTSSTECCQEDLCNEKLHNSAPTRTALAHSALSLGLALSLLAVILAPSL   554
gi|115496003|ref|NP_001069985.1| VCTSSSNCKKPQVCSASSSFCKTVIRVEPLSGNLVEKNCSVWCTPTNNQQGQVSKGQETTLCCNSDLCNEALQSWQSAAPARTSAHLGLALACGLLALLWAPGL   554
gi|194671212|ref|XP_001253696.2| VCTSSSNCKKPQVCSASSSFCKTVIRVEPLSGNLVEKNCSVWCTPTNNQQGQVSKGQETTLCCNSDLCNEALQSWQSAAPARTSAHLGLALACGLLALLWAPGL   554
gi|6754584|ref|NP_034872.1|      VCTNSANCKNPQVCPSNFYFCKTVTSVEPLNGNLVRKECANSCTSDYSQQGHVSSGSEVTQCCQTDLCNERLVSAAPGHALLSSVTLGLATSLSLLT-VMALCL   554
gi|62652595|ref|XP_235420.3|     VCISSDNCRNIQTCPPDFFYCRTITKVEPLKGNLVKKECAETCTISHSQQGHVSSGAEVTLCCDSDLCNDSLHNIAPARALLSSVTLGLSTSLGLLS-VVAFCL   554
gi|74011220|ref|XP_851409.1|     VCSSSSNCEKPQNCAVNARYCRTRTKVEPLLGNLVEKDCVEACTPTHSLQGQVSSGAAATQCCQDDLCNRSLQSSAPAHTLLPSTALGLALALSLLTLFVAPSL   554
                                  .......460.......470.......480.......490.......500.......510.......520.......530.......540.......550....
```