

```

gi|7706741|ref|NP_057351.1|
gi|114690351|ref|XP_001140554.1|
gi|74009018|ref|XP_549284.2|
gi|194680181|ref|XP_869386.2|
gi|18875430|ref|NP_573514.1|
gi|109511267|ref|XP_343833.3|

```

```

          **:: * :          * * * * * . . * * * * * * * * * * * * * * * * *
-----MEEMKKAIRLPAKGGKPKIKTEWNSRCVLFITYFGDISSVVDEHFSRALSNIKSPQELTPSSQSEGVMLKN----- 150
-----MEEMKKAIRLPAKGGKPKIKTEWNSRCVLFITYFGDISSVVDEHFSRALSNIKSPQELTPSSQSEGVMLKN----- 150
MYNLHPPQDVGRRFOCLEFLKLLPSLHPASHCSDIYPHGVLPLVSLTMEEMKKTDIQL---QRPIKTEWNPQCVLFITYFGDIGNVSVVDEHFSRALSNVRSPOGLSPLSQGADVILRN----- 150
-----MEDVTKTTVHT---SPIKTEWNSRCVLFITYFGDISSVVDEHFSRALGNVRSPOGQNPSGPSGIVLLRN----- 150
-----MEEMKKNVWIPESSQKPKVTEWNAAGSVIFITYFGDINSMVDEHFSRALRNLRKRPKHCSSSHSDNLTLLKNGVVKRTIDTSHTDREKRVSSQTENSQELKD----- 150
-----MEEVKKTGVQMPKSRQKPIKTEWSAQCVLFITYFGDISSVVDEHFSRALSNLRKRPQELSSSHSENVLKNGIHET-LDTSHTDRECKVMCRLTAGSFPD----- 150
1.....10.....20.....30.....40.....50.....60.....70.....80.....90.....100.....110.....120.....130.....140.....150

```



```

gi|7706741|ref|NP_057351.1|
gi|114690351|ref|XP_001140554.1|
gi|74009018|ref|XP_549284.2|
gi|194680181|ref|XP_869386.2|
gi|18875430|ref|NP_573514.1|
gi|109511267|ref|XP_343833.3|

```

```

          :.*.**   * : . . : *      * . . . . * : . . . * * : * * * * * * * *      *: * : * : * *
-----DDSMSPNQWRYSSPWTKPQPE-----VPIVTRAAANCLHVPGPMAVNQFSPSLARRASVRPGELWHFSSLAGTSSLLEPGYSHFFPA-----RHLVPEPQPDGKREPILLSLLOD 300
-----DDSMSPNQWRYSSPWTKPQPE-----VPIVTRAAANCLHVPGPMAVNQFSPSLARRASVRPGELWHFSSLASTSSLLEPGYSHFFPA-----RHLVPEPQPDGKREPILLSLLOD 300
-----DDMDPPNQWRFSSQWTKPEPEPELEPEASPAYGATCNCLNGPSLMTMDQVPASLAGSPFVESDEPHWHYPLSLASPSSESPFGYSQAVST-----GHMVPEPQPNQVPEPLSLLOD 300
-----DDMDPPNQWRFSAFWTKPQPE-----VSFANGAACSLSNGSGLMPDQVPLSLTGGPSVQPGELWHFSSLASPFPEPGYPHAFST-----GHLVPEPQPEGKYEPILLSLOPE 300
VP-----VEEKGTNKSMPNQRLHS-WLIAQPA-----ASPENGARSLSLDEYGLKAMDQHSLSMPKTPSALPLEPWHFSSLARPGFIAPAYFPVFPDRHLTPPEVYRVFPDRHLTPPEVYHVPDRHLTPPEVYDGRCGPLQHLVQD 300
VTANFMVEERTSNSSMPPNQCWLSK-WKKPQPE-----TSFANGASSSLDEYGPRAMWHPLSLPKTPYAHQQLWQFSSSARPEFLFAPMFRVFPD-----RHLAPQVYPDGRHGSLOHLVQEV 300
.....160.....170.....180.....190.....200.....210.....220.....230.....240.....250.....260.....270.....280.....290.....300

```



```

gi|7706741|ref|NP_057351.1|
gi|114690351|ref|XP_001140554.1|
gi|74009018|ref|XP_549284.2|
gi|194680181|ref|XP_869386.2|
gi|18875430|ref|NP_573514.1|
gi|109511267|ref|XP_343833.3|

```

```

* : * *      * * * * . * * * * . * *
RCLARQESAARENPNPQIAGSTGLLFNLPNGSVHYKLVSRGS--ASTSLPN--EQLSELETP---GKYSLETP-----PNHWGPHRYLQHL-- 407
RCLARQESAARONPNPQIAGSTGLLFNLPNGSVHYKLVSRGS--ASTSLPNERKLLPALTETLIANFSPPGTAPLLLVSKSTRTSNGATEERRTNSALDR 407
RHLAHPESA VWEIDCNSAQIAGSTGLLCSLPPSSAHCKKMPDTRW-MVSDWL----- 407
RCLTHPESA VWDGNS--AGSTGLLFNLPNGSSAHCKKMPDTRW-LWLRVR----- 407
RYQNHLEPAARENCSPAKIAGSTGLMNLPPYPVHYKKKICARGA--ASASLDERSPPKRR--RDAMYV----- 407
RHQNRLPAAKASCSSVVKIAGSTASLLNLPNGSSHYKK--LYRHGP--ASASLDNRSAVSPQHCPLNQGAGRLL----- 407
.....310.....320.....330.....340.....350.....360.....370.....380.....390.....400

```

