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gi|38348398|ref|NP_940962.1|      *: *  **. * ** *.:*.:*.:  :* : ::.:.:*:* *:*.     . *****:.**   .  .   :  :         *
gi|114585316|ref|XP_517037.2|     ----------MLPSQEASKLYHEHYMRNSRAIGVLWAIFTICFAIINVVVFIQPYWVGDSVSTPKPGYFGLFHYCVGSGLAGRELTCRGSFTDFSTIPSS    90
gi|144922609|ref|NP_808431.2|     ----------MLPSQEASKLYHEHYMRNSRAIGVLWAIFTICFAIINVVVFIQPYWVGDSVSTPKPGYFGLFHYCVGSGLAGRELTCRGSFTDFSTIPSS    90
gi|31077100|ref|NP_852052.1|      ----------MLPSQEASKLYHEHYMRNSRAIGVLWAIFTICFAIINVVVFIQPYWVGDSVSTPKPGYFGLFHYCVGSGLAGRELTCRGSFTDFSTIPSS    90
gi|115495083|ref|NP_001069694.1|  ----------MLPSQEASKLYHEHYMRNSRAIGVLWAIFTICFAIINVVVFIQPYWVGDSVSTPKPGYFGLFHYCVGSGLAGRELTCRGSFTDFSTIPSG    90
gi|73985024|ref|XP_541784.2|      MAKVGEAPPQAPPSRVLGSGRLSRASPAPARQPRSPAVGRSRAGGPRQPPSPPPAPPPGTMLPSQEASKLYHEHYMRNSRAIGVLWAIFTICFAIINVVVFIQPYWVGDSVSTPKPGYFGLFHYCVGSGLAGRELTCRGSFTDFSTIPSG   150
gi|189520684|ref|XP_001922233.1|  ----------MLPSQEASKIYHDNYMRNSRAIGVLWAIFTICFATINVVVFIQPYWIGDSVSTPHAGYFGLFHYCVGDGNSNRELICQGTFSDFSSIPSG    90
gi|17540010|ref|NP_503066.1|      ----------MQQFSLSYHSIYTRNWRVVGAIWVLCGLCTTVLQTLALIHPTWIGS----DEGGYFGLYDYCGTSECPWSPFRVR--------PLSM    75
                                  1.......10........20........30........40........50........60........70........80........90.......100.......110.......120.......130.......140.......150

                                  *: ::*:** : ** : .* .: *:.: .   .:  *:*::::. : :: **:::* **:   :*::*  :  ** ** *.:**.*:**:: ::: * *. *.*.*. ::   : :  .  .  .:.                .   .
gi|38348398|ref|NP_940962.1|      AFKAAAFFVLLSMVLILGCITCFSLFFFCNTATVYKICAWMQLLAALCLVLGCMIFPDGWDAETIRDMCGAKTGKYSLGDCSVRWAYILAIIGILNALILSFLAFVLGNRQTDLLQEELKPENKDFVGSTVSSVLRPGGDVSGWGVLPCP   240
gi|114585316|ref|XP_517037.2|     AFKAAAFFVLLSMVLILGCITCFALFFFCNTATVYKICAWMQLLAALCLVLGCMIFPDGWDAETIRDMCGAKTGKYSLGDCSVRWAYILAIIGILNALILSFLAFVLGNRQTDLLQEELKPENKDFVGSTVSSVLRPGGDVSGWGVLPCP   240
gi|144922609|ref|NP_808431.2|     AFKAAAFFVLLSMVLILGCITCFALFFFCNTATVYKICAWMQLLAALCLVLGCMIFPDGWDAETIRDMCGAKTGKYSLGDCSVRWAYILAIIGILNALILSFLAFVLGNRQTDLLQEELKQENKDFVGTTVSSVLRPGGDVSGWGVLPCP   240
gi|31077100|ref|NP_852052.1|      AFKAAAFFVLLSMVLILGCITCFALFFFCNTATVYKICAWMQLLAALCLVLGCMIFPDGWDAETIRDMCGAKTGKYSLGDCSVRWAYILAIIGILNALILSFLAFVLGNRQTDLLQEELKQENKDFVGTTVSSVLRPGGDVSGWGVLPCP   240
gi|115495083|ref|NP_001069694.1|  AFKAAAFFVLLSMVLILGCITCFALFFFCNTATVYKICAWMQLLAALCLVLGCMIFPDGWDAETIRDMCGAKTGKYSLGDCSVRWAYILAIIGILNALILSFLAFVLGNRQTDLLQEELKQENKDFVGSTVSSVLRPGGDVSGWGVLPCP   240
gi|73985024|ref|XP_541784.2|      AFKAAAFFVLLSMVLILGCITCFALFFFCNTATVYKICAWMQLLAALCLVLGCMIFPDGWDAETIRDMCGTKTGKYSLGDCSVRWAYILAIIGILNALILSFLAFVLGNRQTDLLQEELKQENKDFVGSTVSSVLRPGGDVSGWGVLPCP   300
gi|189520684|ref|XP_001922233.1|  AFKAASFFVLLSMVLILSCIACMALFFFCNTATVYKTCAWMQLLCAVCLVLGCLIFPDGWDAEVIRDMCGEETGKYTLGNCSVRWAYILAIIGILDALILSFLAFVLGNRQNDFMHDEIKAENKVIVS----------QYPKFSYLYLT   229
gi|17540010|ref|NP_503066.1|      WFEISAFLVLAATVLSFLAIFSILLLVLLRDRHAFILGSWLHFFAFVFMLAGCVLYPYGWENPRVREICESK--KYQLGLCQIRWPYLLAMVLVFDQLCLCCLGFALALKKPPKIPELSSLTGPTVISNTIQPVPRPRKMSLQDSFYSHS   223
                                  .......160.......170.......180.......190.......200.......210.......220.......230.......240.......250.......260.......270.......280.......290.......300

gi|38348398|ref|NP_940962.1|      VAHSQGP   247
gi|114585316|ref|XP_517037.2|     VAHSQGP   247
gi|144922609|ref|NP_808431.2|     VAHTQGP   247
gi|31077100|ref|NP_852052.1|      VAHTQGP   247
gi|115495083|ref|NP_001069694.1|  VAHTQGP   247
gi|73985024|ref|XP_541784.2|      VAHSQGP   307
gi|189520684|ref|XP_001922233.1|  TVTLL--   234
gi|17540010|ref|NP_503066.1|      GSRLEL-   229
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