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logo

NTDB id 1009842 ABFV67 RS14185 WP 306687211.1  ....MDAVKKIYQYAEPNLTLVGWMGFIGFPIYYYVWTYLFPQGYESFWLRGFCSLLFAGIAFRHSFPKALQRYLPYYYL   76
NTDB id 1162 A1552VC RS17020 WP 001882375.1   MIVSMDVIKRVYQYAEPNLSLVGWMGMLGFPAYYFIWEYWFPQSYENLGLFCAAAVLFGGLVFRDSMPKKWQRYMPGYFL   80
consensus                                     ****!! *!**!!!!!!!*!!!!!! *!!! !!**! ! !!! !!   !!* * *!!*!* !!*! !!  !!!*! !*!

logo

NTDB id 1009842 ABFV67 RS14185 WP 306687211.1  LSIGFCLPFFFSFMMLMNDWSTYWAMSFMASIFLHILLVHETKVMLPQAIISVLLAYFSVYVVVDAAPSQMISWTYVPIF  156
NTDB id 1162 A1552VC RS17020 WP 001882375.1   FTIGFCLPFFFAFMMLMNDWSTIWAMSFMASIFLHILLVHDTRVMALQALFSVLVAYLAVYGLTDFHPTTLIEWQYIPIF  160
consensus                                      *!!!!!!!!! !!!!!!!!!!*!!!!!!!!!!!!!!!!!*!*!! *!!* !!!*!!  !! * ! *!* *! ! !*!!!

logo

NTDB id 1009842 ABFV67 RS14185 WP 306687211.1  IFTYVFGNLFYFRNQVSHESKASLAKSFGAGIAHEMRNPLSALKSSLDVVRTLVPSPHSGQAT.HIINQQDLQQLHEILN  235
NTDB id 1162 A1552VC RS17020 WP 001882375.1   LFTYVFGNLCFFRNQISHETKVSIAKTFGAGIAHEMRNPLSALKTSIDVVRTMIPKPQTAAHTDYSLDAQELDLLHQILN  240
consensus                                     *!!!!!!!!**!!!!*!!!*! !*!!*!!!!!!!!!!!!!!!!!*!*!!!!!**! !*** *!** *  !*!  !! !!!

logo

NTDB id 1009842 ABFV67 RS14185 WP 306687211.1  DADEVIHSGNETIDLLLTSIDQHRVSTSTFRKLSAATVVENAIHSFAYKRVVDRAAVSLTVNQDFDFFGSDTLLKFALYN  315
NTDB id 1162 A1552VC RS17020 WP 001882375.1   EADDVIYSGNNAIDLLLTSIDENRVSPASFKKHSVVDVIEKAVKTFPYKNAADQHSVELEVHQPFDFFGSDTLLTYALFN  320
consensus                                     *!!*!!*!!!  !!!!!!!!! *!!!* *!*!*!   !*! !***!*!!   ! * ! ! !*!*!!!!!!!!! *!!*!

logo

NTDB id 1009842 ABFV67 RS14185 WP 306687211.1  LLKNAFYYQSSEVFTINIELNRVDEQNVITVKDNGIGIEAEQLEEIFKDFYTFGKHNSYGLGLPFCRKVMHSFGGEIICH  395
NTDB id 1162 A1552VC RS17020 WP 001882375.1   LLKNAFYYQK.EHFSVCISIEQTSEHNLIRVRDNGVGIAPEMLEDIFRDFYTFGKNGSYGLGLPFCRKVMSAFGGTIRCA  399
consensus                                     !!!!!!!!! *!*!***! *    !*!*! !*!!!*!! *! !!*!!*!!!!!!!* !!!!!!!!!!!!!* !!! ! !*

logo

NTDB id 1009842 ABFV67 RS14185 WP 306687211.1  SVFGEWTQFTLQFPDVESERIKQIKHDLLKSKSILLIGEPSLLSRHLNEQAFYLGFTLHMLTLSQAMQKEAYEFEFDLIF  475
NTDB id 1162 A1552VC RS17020 WP 001882375.1   SQQGQWTEFVLSFPRYDSDTVNEIKTELLKTKSLIYIGSNQAIVRELNQLAVEDEFGFTAISAQQAVRRQDYEFEFDLIL  479
consensus                                     !  ! !! ! ! !!  *!* *  !!**!!!*!!** !! *  * !*!!  !    !  * **  !!* *  !!!!!!!!

logo

NTDB id 1009842 ABFV67 RS14185 WP 306687211.1  IDLAPFETQWDKLSLLEGQLHFTEARISYIYDQSKRYPINISRYLTIYPIEIRHLLKDSIGTIEKLLFSIDELEVERGNI  555
NTDB id 1162 A1552VC RS17020 WP 001882375.1   LDLDDATAQGELLPKLEGTLSFAEGCIGYVYDPGKTYAVNINRYLRIQPISIHSILRKPRKIIERLLFEQESLSMNRNVI  559
consensus                                     *!! *   ! * !* !!! !*! !**! !*!!* ! !**!! !!! ! !! !***!* *   !!*!!!  * ! * !  !
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logo
NTDB id 1009842 ABFV67 RS14185 WP 306687211.1  PQREVNYQRSILLVDDNDSLRTFSAILLEKQGYDVYQAHDGQQALEILKQHTMDLILMDVEMPVIDGLQATNIIRSSMAE   635
NTDB id 1162 A1552VC RS17020 WP 001882375.1    PLQKSRHERRILVVDDNQSIRTFTAILLEQQGYEVVQANDGSEVLKHMESGNIDLVLMDIEMPNVGGLEATRLIRNSEHE   639
consensus                                      !     * ! !!*!!!! !*!!!*!!!!! !!!*! !!*!!   ! **  * *!!*!!!*!!! * !! !! *!! ! *!

logo
NTDB id 1009842 ABFV67 RS14185 WP 306687211.1  YRKTPIIGYTGDNSSETINRLYRAGMNDYIVKPADKDKLLNKVADWL   682
NTDB id 1162 A1552VC RS17020 WP 001882375.1    YKNIPIIGYTGDNSPKTLALVQTSGMNDFIVKPADRDVLLNKVAAWV   686
consensus                                      !*  !!!!!!!!!!* !*  *   !!!!*!!!!!!*! !!!!!! !*
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X non conserved

X similar

X $\geq$ 50% conserved