logo

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NTDB id 39910 DEIPR RS02325 WP 013614227.1   ...........MAVYQYRVRDGSGK.ILTSQMEADSIGQVREALRSRKLTILDIKEPASGLNADIKIPGLDNRPPDLKTV   68
NTDB id 1029 TT RS02230 WP 011228203.1        ...........MPVYQYKARDRQGR.LVEATIEAHDLRTAARLLRDRGLFVAEIKEPGKGLQAEVRIPALER.GPGLKDL   67
NTDB id 1016 ACIAD RS01680 WP 004920476.1     ........MAAKKTQVMPVRAYEGVDRKGIK.LKGELPARNMALAKVTLRKQGITIRTIREKRKN.....IFEGLLKKKVKPLDI   71
NTDB id 1113 AAA85695.1 219...1451( )         MAKNGGFSLFAKK...EKRFIFEGRHSASDKLVNGEVSAFIEEEARKKLAKRGIR.....PLQIT.....RVKTSSKRKITQEDI   72
consensus                                      *  ***  ********  *****  *****  ***! *******  ***   ! ********* *********************** ****
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logo

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NTDB id 39910 DEIPR RS02325 WP 013614227.1   ALFSRQMATLINAGVPLVQALFIMQKQIEHKSFQEVVRKVRIDVEGGLPLSEAMAKHPKAFNRLYLNLVRAGETSGTLELILGRI   153
NTDB id 1029 TT RS02230 WP 011228203.1        AIFSRQLATMLGAGLTLLQALAILERQTENRKFREILKQVRTDVEGGMAFSEALSKH.KIFSRLYVNLVRAGETSGGLDLILDRL   151
NTDB id 1016 ACIAD RS01680 WP 004920476.1     AIFTRQLATMMKAGVPLVQAFEIVAEGLENPAMRDVVLGLKNEVEGGNTFAGALRKYPQYFDNLFCSLIESGEQSGSLEIMLDRV   156
NTDB id 1113 AAA85695.1 219...1451( )         TVFTRQLSTMINAGLPLMQAFEIVARGHGNPSMTEMLMEIRGQVEQGSSLSRAFSNHPKYFDRFYCNLVAAGETGGVLESLLDKL   157
consensus                                      **!***!!**!!****  ** ***!   *  *** !***  ** *** **!!* *  !*  *  * !**** ***!* ***!!* ****!****
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logo

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NTDB id 39910 DEIPR RS02325 WP 013614227.1   ADFQEKDLALRGKVKKALTYPTIVLVFALLITWGLIRFVVPTFGDILTSMNTELPIITRMLMSMSAFLQSYTWVLVLIAGILYAA   238
NTDB id 1029 TT RS02230 WP 011228203.1        ASFLEKELELRGKIRSAMTYPVIVFVFAVGVAYFLLTGIVPQFAQILTDLGSELPLLTRFLIAVSDLLRAATLPLLLLAVALFFA   236
NTDB id 1016 ACIAD RS01680 WP 004920476.1     AVYKEKSEVLKQKIKKAMKYPATVIVVAIVVTIILMVKVVPVFKDLFTSFGADLPAFTQLVVNMSNWMQDYWFILILVIGAAI..   239
NTDB id 1113 AAA85695.1 219...1451( )         AIYKEKTQAIRKKVKTALTYPVSVIAVAIGLVFVMMIFVLPAFKEVYANMGAELPALTQTVMDMSDFFVSYGWMVLIALGFAI..   240
consensus                                      !***!!  ******** ****! *  *** ! ***** !***!!*  **  *  ** *    !*** !** *!*******!**** ** !
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logo

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NTDB id 39910 DEIPR RS02325 WP 013614227.1   YRWYY...STAQGRRVIDQIKLKMPLLGPLTRKGAIASFSRTLGMLLSSGVNIIESLDITKGTADNAIIEEAIENGKNVVIVGEP   320
NTDB id 1029 TT RS02230 WP 011228203.1        YRWYY...GTPQGRRVIDRLKLRLPVFGNLNRKTAVARFSRTLALLLSSGVNIVEALDITKGTAGNSVVEEIVEAAKLKIQQGDP   318
NTDB id 1016 ACIAD RS01680 WP 004920476.1     AGFLEARKRSKRFRDQLDRLVLRLPIVGDLVYKAIIARYSRTLATTFAAGVPLIDALASTAGATNNTVYEQAVLKIREDVSTGQQ   324
NTDB id 1113 AAA85695.1 219...1451( )         YRFLKLKARSIKIQRRMDAILLRMPIFGDIVRKGTIARWGRTTATLFAAGVPLVDVLDSTAGAGNLIYEEATREIRTRVIQGLS   325
consensus                                      ***  **  *   ****  *  ***** !***   * ** ***** **!!****   !!****** !  !  ** **!****  **  ** ***!**
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logo

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NTDB id 39910 DEIPR RS02325 WP 013614227.1   LSGSLAASP.VFPPMVTSMVAIGEETGALDDMLEKVADFYDREVEEAVDSLTAAIEPIMIVALGGIVLFIVLGMFTPMFSIINTL   404
NTDB id 1029 TT RS02230 WP 011228203.1        LNLTLAQHPFVFPPMVSSMVAIGEETGALDTMLSKVADFYEREVDEAVASLTAAIEPLMIIFLGVIVGMIVAGMFLPLFKIIGTL   403
NTDB id 1016 ACIAD RS01680 WP 004920476.1     LNFAMRVSN.RFPTMAIQMVAIGEESGALDEMLDKVANYYESEVDHAVDGLTSMMEPLIMAILGILVGGLVIAMYLPIFQMGSVV   408
NTDB id 1113 AAA85695.1 219...1451( )         MTSGMRATE.LFPNMMLQMSSIGEESGLDDMLNKAAEFYEDEVDNAVGWLSAMMEPIIILILGLVIGTLLVAMYLPLFNLGNVV   409
consensus                                      **  *  ***  **!!!*   **!!*!*****!***!!*!*** !!** ****!!******!!**! ** ***!*!!** !**!!**
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logo

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NTDB id 39910 DEIPR RS02325 WP 013614227.1   SV.   406
NTDB id 1029 TT RS02230 WP 011228203.1        SVQ   406
NTDB id 1016 ACIAD RS01680 WP 004920476.1     ...   408
NTDB id 1113 AAA85695.1 219...1451( )         A .   410
consensus                                      **
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X	non conserved
X	similar
X	≥ 50% conserved