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logo

NTDB id 1168 A1552VC RS11070 WP 000957200.1    ........MLINLVAILRQAELISATQEQAVTQVSASGTSVPEALLELSIFHAQELTEQLSHIFGLPETDLSRYDYANL    72
NTDB id 1076884 ACJGJ0 RS08210 WP 033482837.1                                                                                            0
NTDB id 1251 GCO85 RS07725 WP 011946523.1       MALATEEYRLQGIGQLLVLEKLLDKTKAIELHKLAAAEKISLLQYIVKNKILSAEQIALTAAQNFGVPMLDINCIDVGTL    80
NTDB id 1018 ACIAD RS01685 WP 004920473.1       MSAFTTPPKFSGFIRRLVEEGYVNAQNMQQALEKAKKFKQDIVPYLIDNFSISPLTIAEIISLEFGEPLLDLGVFDPALF    80
NTDB id 1058 ABD1 RS01615 WP 001274986.1        MSALHTSPKFTGFFRRLVEEKHVSAATMQTALDAAKRAKQDTVAYLIEEVHLSPSLLAETISAEFAEPYFDLDVYDTSQI    80
consensus                                        *        * *     ** *    * *  * *   *        * ** ****    **   *** ** *   * *  **  ** **  * *
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logo

NTDB id 1168 A1552VC RS11070 WP 000957200.1    CQQLGLRELITRYDALPIAKQGNLLLLAVSDPTLLQAEEEFRFATGLQVELALADHRALQAATRRLYGRSIQGAANQGKE    152
NTDB id 1076884 ACJGJ0 RS08210 WP 033482837.1                                                                                             0
NTDB id 1251 GCO85 RS07725 WP 011946523.1       PVNLVNEKLIKRHAMVPLFSRGTNLYLATDDPSKQASLKEIQFHTGLNTHAIVVETDKLSALIDNLLTAKESQGLSEYVE    160
NTDB id 1018 ACIAD RS01685 WP 004920473.1       LKDKVIDEKLIQKYRIMPLVHRGHVLYVATSNPTNIEAMDAIRFNSKLKVEPIIVEHDKLERLLSEHFVEETHFNFDTE..    158
NTDB id 1058 ABD1 RS01615 WP 001274986.1        PKDLVDQKLILKHRILPLIQRGQILYVATSNPSNIEAIDAIRFNSKLLVEPVIVEHHKLEKVLGQHFAEESSFDFNDE..    158
consensus                                         **   *   *  ** *    * ****    * ***   *  *** *** **  ***** **   ** *
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logo

NTDB id 1168 A1552VC RS11070 WP 000957200.1    ISQD..ELANLVKVSDDELQSIEDLSQDDSPVSRFINQVLLDAVRKGASDIHFEPYENQYRIRLRCDGILVETQQPASHL    230
NTDB id 1076884 ACJGJ0 RS08210 WP 033482837.1                                                                                             0
NTDB id 1251 GCO85 RS07725 WP 011946523.1       DSGDLEGLEISAD.DEDQDIDTATSVTDDAPIVKFVNKILLDAIRQGASDIHFEPYEREYRIRYRQDGILHEVATPPASL    239
NTDB id 1018 ACIAD RS01685 WP 004920473.1       .ELD...LDVEVDPHTTDDDDEDDKLKDEAPIVKYINKLLIDAIRMSASDIHFEPYEKSYRVRYRVDGVLRLIATPPLQL    234
NTDB id 1058 ABD1 RS01615 WP 001274986.1        .EFD...LDVNLDGPTAQEDEEEAPQGDEAPIVKYINKLLIDAIRMGASDIHFEPYEKSYRVRYRVDGVLRQIANPPLQL    234
consensus                                             *  *** *       *  * * *  ****************** ****** ***  ***** ****    ** ** *
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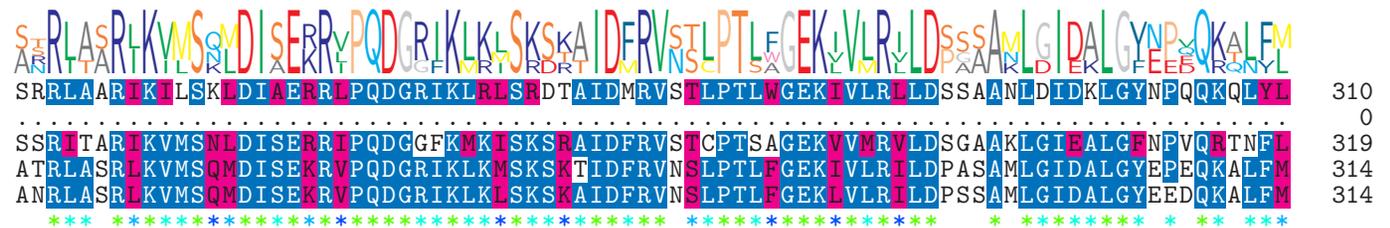
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logo

NTDB id 1168 A1552VC RS11070 WP 000957200.1    SRRLAARIKILSKLDIAERRLPQDGRIKLRLSRDTAIDMRVSTLPTLWGEKIVLRLLDSSAANLDIDKLGYNPQQKQLYL    310
NTDB id 1076884 ACJGJ0 RS08210 WP 033482837.1                                                                                             0
NTDB id 1251 GCO85 RS07725 WP 011946523.1       SSRITARIKVMSNLDISERRIPQDGGFKMKLSKSRAIDFRVSTCPTSAGEKVVMRVLDSGAAKLGIEALGRNPVQRTNFL    319
NTDB id 1018 ACIAD RS01685 WP 004920473.1       ATRLASRLKVMSQMDISEKRVPQDGRIKLKMSKSKTIDFRVNSLPTLFGEKIVLRILDPASAMLGIDALGYEPEQKALFM    314
NTDB id 1058 ABD1 RS01615 WP 001274986.1        ANRLASRLKVMSQMDISEKRVPQDGRIKLKLSKSKAIDFRVNSLPTLFGEKIVLRILDPSSAMLGIDALGYEEDQKALFM    314
consensus                                           *** ** *   **** * **** *** *  ** **  * ****** **     * ** ***   *  *   *   ** ***
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logo

NTDB id 1168 A1552VC RS11070 WP 000957200.1    NALKRPQGMILMTGPTGSGKTVSLYTGLRILNTSQINISTAEDPVEINLSGINQVVQPKIGFGFAEALRSFLRQDPDVV    390
NTDB id 1076884 ACJGJ0 RS08210 WP 033482837.1                                                                                            0
NTDB id 1251 GCO85 RS07725 WP 011946523.1       KAIQRPQGMILVTGPTGSGKTVTLYTALNILNTIEVNISTAEDPVEIKVPGINQVNINPKAGLTFSGALRSFLRQDPDII    399
NTDB id 1018 ACIAD RS01685 WP 004920473.1       EALNKPQGMLLITGPTGSGKTVSLYTGLNILNTEHANISTAEDPVEINLEGVNQVNVNPKVGLTFAAALRSFLRQDPDII    394
NTDB id 1058 ABD1 RS01615 WP 001274986.1        EALDKPQGMLLITGPTGSGKTVSLYTGLNILNTESSNISTAEDPVEINLEGINQVNVNPKVGLTFAAALKSFLRQDPDII    394
consensus                                        **   ***** ******************* ** **   ***************  * *** *  ** * **** ***********
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logo

NTDB id 1168 A1552VC RS11070 WP 000957200.1   MVGEIRDLETAEIAVKAAQTGHLVLSTLHTNSAAETVIRLANMGVEPFNLASSLSLIIAQRLARRLCKHCKIAVRP...S   467
NTDB id 1076884 ACJGJ0 RS08210 WP 033482837.1   ..........................................................................   0
NTDB id 1251 GCO85 RS07725 WP 011946523.1       MVGEIRDLETAEIAIKAAQTGHLVLSTLHTNSAAETLNRLVNMGIPTFNIASSVTLIIAQRLARKLCNQCKAVRDDFTNQ   479
NTDB id 1018 ACIAD RS01685 WP 004920473.1       MVGEIRDLETAEIAIKAAQTGHLVMSTLHTNNAAETLTRLRNMGVASFNIATSVNLVIAQRLARRLCSQCKRPI.QVPER   473
NTDB id 1058 ABD1 RS01615 WP 001274986.1        MVGEIRDLETAEIAIKAAQTGHMVMSTLHTNSAPETLTRLRNMGVPSFNIATSVNLVIAQRLARRLCSQCKIPA.DIPKQ   473
consensus                                       ***************************  ** **** ********* *********** ***  ***


logo

NTDB id 1168 A1552VC RS11070 WP 000957200.1   ALLQSQFAFQPNEI....LYEANAAGCNECTGGYSGRVGIYEVMAFNTELAEAIMQRASIHQIERLAKANGMQTLQESGL   543
NTDB id 1076884 ACJGJ0 RS08210 WP 033482837.1   ...........................................................MQIAEAAQAIGIRDLRQSAL   20
NTDB id 1251 GCO85 RS07725 WP 011946523.1       GLLE..LGFKEADLV..NLKLYKAVGCEQCTSGYRGRVGLFEVLPMTKEIGQLIMSGGNSLDILKLAQSEGMLTIFQSGI   555
NTDB id 1018 ACIAD RS01685 WP 004920473.1       SLLE..MGFTPEDLAQPEFQIFEPVGCHDCREGYKGRVGIYEVMKITPEISKIIMEDGNALEIAATAETLGFNNLRRSGL   551
NTDB id 1058 ABD1 RS01615 WP 001274986.1        SLLE..MGFTEQDLAHPDFRVFQPVGCLECREGYKGRVGIYEVMKVTPEISKIIMEDGNALEIAAASEKLGFNNLRRSGL   551
consensus                                        ***  ***  **     **  *** ** ************* ** **  *** ** **!*  *   * *!** ** !**


logo

NTDB id 1168 A1552VC RS11070 WP 000957200.1   EKLREGITSFAELQRVLYF   562
NTDB id 1076884 ACJGJ0 RS08210 WP 033482837.1   MKAAHGVTNLAEINRVTKD   39
NTDB id 1251 GCO85 RS07725 WP 011946523.1       EKVKEGITTIEEVNRVTVD   574
NTDB id 1018 ACIAD RS01685 WP 004920473.1       KKVMQGVTSLQEINRVTSE   570
NTDB id 1058 ABD1 RS01615 WP 001274986.1        KKVMQGVTSLQEVNRVTSE   570
consensus                                        !*  !*!** !**!!* *


    X   non conserved
    X   similar
    X   ≥ 50% conserved
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