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logo

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NTDB id 1366 NTHI RS01950 WP 011271972.1     ................................................................................     0
NTDB id 1355 HI 0298 AAC21962.1              ................................................................................     0
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NTDB id 1293 VP RS12240 WP 005479695.1       ................................................................................     0
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consensus


logo

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consensus


logo

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consensus
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logo

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NTDB id 1058 ABD1 RS01615 WP 001274986.1     ................................................................................     0
consensus
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logo

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NTDB id 1366 NTHI RS01950 WP 011271972.1     ................................................MTSYALLHTQRVTAQNGEI........FTISP    24
NTDB id 1355 HI 0298 AAC21962.1              ................................................MTSYALLHTQRVTAKNGEV........FTISP    24
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NTDB id 1401 DSB67 RS12665 WP 010643259.1    ...........MLTNLSTVLRQAGILTFSQEESLLEQVKASGISMPEALLSSGFFQSHELTEHLSSVFGLSCTSLNQYEY    69
NTDB id 1293 VP RS12240 WP 005479695.1       ...........MHSNLSTILRQKGLLTFSQEESLIEQVKASGISMPEALLSSGFFTSSELAEHLSSIFGLSQPELSQYEY    69
NTDB id 1251 GC085 RS07725 WP 011946523.1    ...MALATEEYRLQGIGQLLVLEKLLDKTKAIELHKLAAAEKISLLQYIVKNKILSAEQIALTAAQNFGVPMLDINCIDV    77
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NTDB id 1058 ABD1 RS01615 WP 001274986.1     ...MSALHTSPKFTGFFRRLVEEKHVSAATMQTALDAAKRAKQDTVAYLIEEVHLSPSLLAETISAEFAEPYFDLDVYDT    77
consensus                                                       *     *        *         *   **   **    *   *  ***    **   **
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logo

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NTDB id 35489 D11S RS09940 WP 012821127.1    ELWLKNQQQQTVLLRYLALPLAENGQTLWLGLDSFTNLSACEAFSFLTGKTIEPVLIESQTLKTALQDLSPRVEKVEENQ   103
NTDB id 1366 NTHI RS01950 WP 011271972.1     DLWERNQQQQSLLLRYFALPLKEENNRLWLGVDSLSNLSACETIAFITGKPVEPILLESSQLKELLQQLTPHQMQVEEQV   104
NTDB id 1355 HI 0298 AAC21962.1              DLWERNQQQQSLLLRYFALPLKEENNRLWLGVDSLSNLSACETIAFITGKPVEPILLESSQLKELLQQLTPNQMQVEEQV   104
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NTDB id 1293 VP RS12240 WP 005479695.1       ASLCQQLGLRELITRHNALPLHRTPSTLLLAVADPTNQQAEDDFRFATGLQVELVLADFRELSTAIRRLYGRSLSHEKSG   149
NTDB id 1251 GC085 RS07725 WP 011946523.1    GTIPVNLVNEKLIKRHAMVPLFSRGTNLYLATDDPSKQASLKEIQFHTGLNTHAIVVETDKLSALIDNLLTAKESQGLSE   157
NTDB id 1018 ACIAD RS01685 WP 004920473.1    ALFLKDKIDEKLIQKYRIMPLVHRGHVLYVATSNPTNIEAMDAIRFNSKLKVEPIIVEHDKLERLLSEHFVEETHFNFDT   157
NTDB id 1058 ABD1 RS01615 WP 001274986.1     SQIPKDLVDQKLILKHRILPLIQRGQILYVATSNPSNIEAIDAIRFNSKLLVEPVIVEHHKLEKVLGQHFAEESSFDFND   157
consensus                                        ***    ** ** **!*   ** !**** ***** * * *** *** *******   *  **  **      * *
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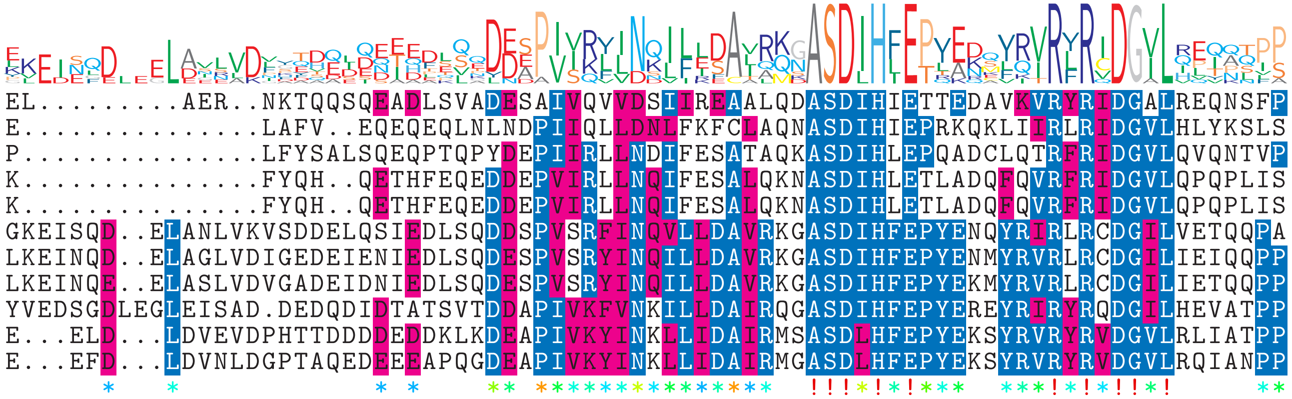

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NTDB id 1355 HI 0298 AAC21962.1              K...............FYQH..QETHFEQEDDEPVIRLLNQIFESALQKNASDIHLETLADQFQVRFRIDGVLQPQPLIS   167
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NTDB id 1401 DSB67 RS12665 WP 010643259.1    LKEINQD..ELAGLVDIGEDEIENIEDLSQDESPVSRYINQILLDAVRKGASDIHFEPYENMYRVRLRCDGILIEIQQPP   227
NTDB id 1293 VP RS12240 WP 005479695.1       LKEINQE..ELASLVDVGADEIDNIEDLSQDESPVSRYINQILLDAVRKGASDIHFEPYEKMYRVRLRCDGILIETQQPP   227
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NTDB id 1018 ACIAD RS01685 WP 004920473.1    E...ELD...LDVEVDPHTTDDDDEDDKLKDEAPIVKYINKLLIDAIRMSASDLHFEPYEKSYRVRYRVDGVLRLIATPP   231
NTDB id 1058 ABD1 RS01615 WP 001274986.1     E...EFD...LDVNLDGPTAQEDEEEAPQGDEAPIVKYINKLLIDAIRMGASDLHFEPYEKSYRVRYRVDGVLRQIANPP   231
consensus                                          *   *            * *    ** ***************  !!!*!*!***  ***!*!*!!*!     **
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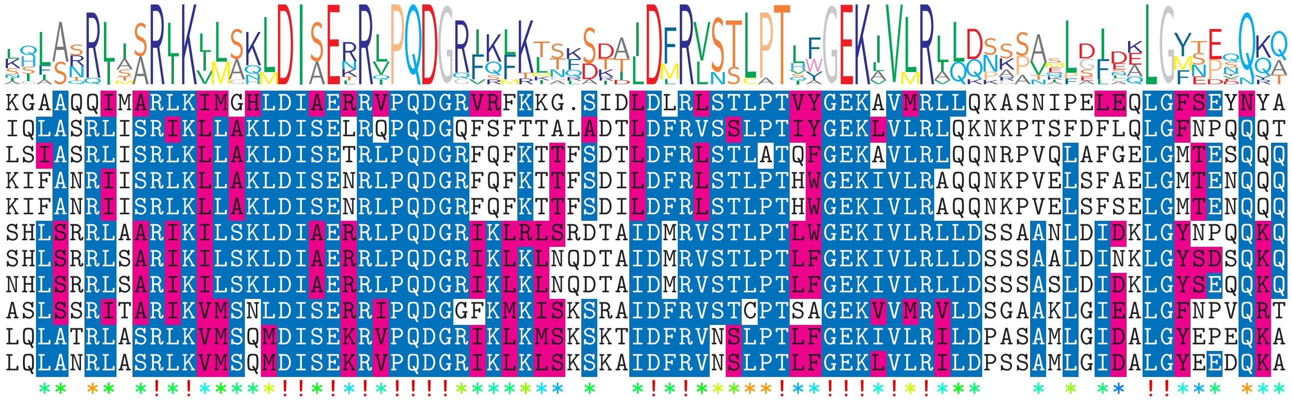

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NTDB id 1384 A4U84 RS08525 WP 010787006.1    IQLASRLISRIKLLAKLDISELRQPQDGQFSFTTALADTLDFRVSSLPTIYGEKLVLRLQKNKPTSFDFLQLGFNPQQQT   242
NTDB id 35489 D11S RS09940 WP 012821127.1    LSIASRLISRLKLLAKLDISETRLPQDGRFQFKTTFSDTLDFRLSTLATQFGEKAVLRLQQNRPVQLAFGELGMTESQQQ   248
NTDB id 1366 NTHI RS01950 WP 011271972.1     KIFANRIISRLKLLAKLDISENRLPQDGRFQFKTTFSDILDFRLSTLPTHWGEKIVLRAQQNKPVELSFAELGMTENQQQ   247
NTDB id 1355 HI 0298 AAC21962.1              KIFANRIISRLKLLAKLDISENRLPQDGRFQFKTTFSDILDFRLSTLPTHWGEKIVLRAQQNKPVELSFSELGMTENQQQ   247
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NTDB id 1058 ABD1 RS01615 WP 001274986.1     LQLANRLASRLKVMSQMDISEKRVPQDGRIKLKLSKSKAIDFRVNSLPTLFGEKLVLRILDPSSAMLGIDALGYEEDQKA   311
consensus                                      ** ** *!*!*****!!*!*!*!!!!******* *  *!*!*****!**!!!*!*!***   * * ** !!*** ***
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logo

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NTDB id 1355 HI 0298 AAC21962.1              AFQRVLSQPQGLILVTGPTGSGKSISLYTALQWLNTPDKHIMTAEDPIEIELDGIIQSQINPQIGLDFNRLLRTFLRQDP   327
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NTDB id 1293 VP RS12240 WP 005479695.1       LYLEALRRPQGMILMTGPTGSGKTVSLYTGLNILNKPEINISTAEDPVEINLSGINQVQVQPKIGFGFAEALRSFLRQDP   387
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NTDB id 1058 ABD1 RS01615 WP 001274986.1     LFMEALDKPQGMLLITGPTGSGKTVSLYTGLNILNTESSNISTAEDPVEINLEGINQVNVNPKVGLTFAAALKSFLRQDP   391
consensus                                     ** ** *!*!**!*!!!!!!!!*******!***** * ***!*!!!*!* * !**!********* !* *!**!!!!!!
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logo

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NTDB id 1293 VP RS12240 WP 005479695.1       DVVMVGEIRDLDTAEIAIKASQTGHLVLSTLHTNSAAETIIRLSNMGVESFNLASSLSLIIAQRLARKLCPYCKQPQEHT   467
NTDB id 1251 GC085 RS07725 WP 011946523.1    DIIMVGEIRDLETAEIAIKAAQTGHLVLSTLHTNSAAETLNRLVNMGIPTFNIASSVTLIIAQRLARKLCNQCKAVRDDF   476
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NTDB id 1058 ABD1 RS01615 WP 001274986.1     DIIMVGEIRDLETAEIAIKAAQTGHMVMSTLHTNSAPETLTRLRNMGVPSFNIATSVNLVIAQRLARRLCSQCKIPA.DI   470
consensus                                    !****!!!!!***!**!**!**!!!*!**!!!!! ! ****!! **!*  ******* ***!!!!*!**!  !*
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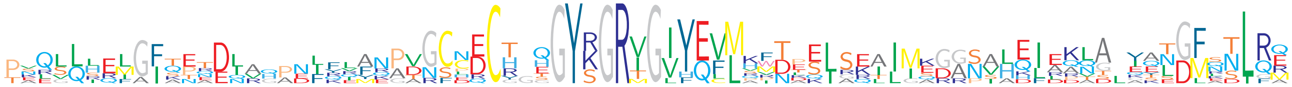
logo



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NTDB id 1366 NTHI RS01950 WP 011271972.1     ..........................NSCDCH.QGYRGRIGVYQFLHW...............Q..QNG.YQTDFENLRE   440
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NTDB id 1058 ABD1 RS01615 WP 001274986.1     PKQSLLEMGFTEQDLAHPDFRVFQPVGCLECR.EGYKGRVGIYEVMKVTPEISKIIMEDGNALEIAAAS.EKLGFNNLRR   548
consensus                                           **    *            ** *!   !!*!!*!*****     *   **  *   **   *    ** ***
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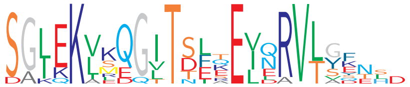
logo



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NTDB id 35489 D11S RS09940 WP 012821127.1    SALEKLKDGTTDLTEIQRVLGQTHD   469
NTDB id 1366 NTHI RS01950 WP 011271972.1     SGLEKVSQGITDEKEIERVLGKNS.   464
NTDB id 1355 HI 0298 AAC21962.1              SGLEKVSQGITDEKEIERVLGKNL.   464
NTDB id 1168 A1552VC RS11070 WP 000957200.1  SGLEKLREGITSFAELQRVLYF...   562
NTDB id 1401 DSB67 RS12665 WP 010643259.1    SGIEKLKQGITSFRELQRVLYF...   561
NTDB id 1293 VP RS12240 WP 005479695.1       SGIEKLKQGITSFSELQRVLYF...   561
NTDB id 1251 GC085 RS07725 WP 011946523.1    SGIEKVKEGITTIEEVNRVTVD...   574
NTDB id 1018 ACIAD RS01685 WP 004920473.1    SGLKKVMQGVTSLQEINRVTSE...   570
NTDB id 1058 ABD1 RS01615 WP 001274986.1     SGLKKVMQGVTSLQEVNRVTSE...   570
consensus                                    ****!* ***!*  !***!*
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X non conserved

X similar

X ≥ 50% conserved