```
logo

                                                  MALSIGDRRLGAILLDQGYLGDNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLLAVQPDPAALR
NTDB id 1306 DR RS10060 WP 027479822.1            MALSIGDRRLGAILLDQGYLGDNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLLAVQPDPAALR   80
NTDB id 1384 A4U84 RS08525 WP 010787006.1         ..............................................................................   0
NTDB id 34471 NT05HA RS06725 WP 005701263.1       ..............................................................................   0
NTDB id 1366 NTHI RS01950 WP 011271972.1          ..............................................................................   0
NTDB id 1355 HI 0298 AAC21962.1                   ..............................................................................   0
NTDB id 1168 A1552VC RS11070 WP 000957200.1       ..............................................................................   0
NTDB id 1293 VP RS12240 WP 005479695.1            ..............................................................................   0
NTDB id 1401 DSB67 RS12665 WP 010643259.1         ..............................................................................   0
NTDB id 1251 GCO85 RS07725 WP 011946523.1         ..............................................................................   0
NTDB id 1058 ABD1 RS01615 WP 001274986.1          ..............................................................................   0
NTDB id 1018 ACIAD RS01685 WP 004920473.1         ..............................................................................   0
consensus


logo

                                                  SIRPQTALNLQAFPFALEGDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLEIVVPSGASDA
NTDB id 1306 DR RS10060 WP 027479822.1            SIRPQTALNLQAFPFALEGDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLEIVVPSGASDA  160
NTDB id 1384 A4U84 RS08525 WP 010787006.1         ..............................................................................   0
NTDB id 34471 NT05HA RS06725 WP 005701263.1       ..............................................................................   0
NTDB id 1366 NTHI RS01950 WP 011271972.1          ..............................................................................   0
NTDB id 1355 HI 0298 AAC21962.1                   ..............................................................................   0
NTDB id 1168 A1552VC RS11070 WP 000957200.1       ..............................................................................   0
NTDB id 1293 VP RS12240 WP 005479695.1            ..............................................................................   0
NTDB id 1401 DSB67 RS12665 WP 010643259.1         ..............................................................................   0
NTDB id 1251 GCO85 RS07725 WP 011946523.1         ..............................................................................   0
NTDB id 1058 ABD1 RS01615 WP 001274986.1          ..............................................................................   0
NTDB id 1018 ACIAD RS01685 WP 004920473.1         ..............................................................................   0
consensus


logo

                                                  GRTGGKLGERLITHGYITDAQLQVALDAQQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFHPGEEVLGSM
NTDB id 1306 DR RS10060 WP 027479822.1            GRTGGKLGERLITHGYITDAQLQVALDAQQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFHPGEEVLGSM  240
NTDB id 1384 A4U84 RS08525 WP 010787006.1         ..............................................................................   0
NTDB id 34471 NT05HA RS06725 WP 005701263.1       ..............................................................................   0
NTDB id 1366 NTHI RS01950 WP 011271972.1          ..............................................................................   0
NTDB id 1355 HI 0298 AAC21962.1                   ..............................................................................   0
NTDB id 1168 A1552VC RS11070 WP 000957200.1       ..............................................................................   0
NTDB id 1293 VP RS12240 WP 005479695.1            ..............................................................................   0
NTDB id 1401 DSB67 RS12665 WP 010643259.1         ..............................................................................   0
NTDB id 1251 GCO85 RS07725 WP 011946523.1         ..............................................................................   0
NTDB id 1058 ABD1 RS01615 WP 001274986.1          ..............................................................................   0
NTDB id 1018 ACIAD RS01685 WP 004920473.1         ..............................................................................   0
consensus
```

```
logo

NTDB id 1306 DR RS10060 WP 027479822.1      LRADALRLLAVPVDETEQGVTVLTSDPRKRPDIDALIGRPVQLMLTRPRDIERLIEQFYPQRGRLGEQLVQEGTLSRDQL   320
NTDB id 1384 A4U84 RS08525 WP 010787006.1   ................................................................................     0
NTDB id 34471 NT05HA RS06725 WP 005701263.1 ................................................................................     0
NTDB id 1366 NTHI RS01950 WP 011271972.1    ................................................................................     0
NTDB id 1355 HI 0298 AAC21962.1             ................................................................................     0
NTDB id 1168 A1552VC RS11070 WP 000957200.1 ................................................................................     0
NTDB id 1293 VP RS12240 WP 005479695.1      ................................................................................     0
NTDB id 1401 DSB67 RS12665 WP 010643259.1   ................................................................................     0
NTDB id 1251 GC085 RS07725 WP 011946523.1   ................................................................................     0
NTDB id 1058 ABD1 RS01615 WP 001274986.1    ................................................................................     0
NTDB id 1018 ACIAD RS01685 WP 004920473.1   ................................................................................     0
consensus
```

```
logo

NTDB id 1306 DR RS10060 WP 027479822.1      REALQVQAREGKVKPLGEVITELGFASPDEVDSALQKQNVGGGRLEDTLVQSGKLSPEMLARSLAAQLGYEFLDPIQNPP   400
NTDB id 1384 A4U84 RS08525 WP 010787006.1   ......................................................MSQYTICEQ.......QTERIFDISP    19
NTDB id 34471 NT05HA RS06725 WP 005701263.1 .................................................MQHSMEQPYSICSQ........QGDIFMITP    23
NTDB id 1366 NTHI RS01950 WP 011271972.1    ................................................MTSYALLHTQRVTAQ........NGEIFTISP    24
NTDB id 1355 HI 0298 AAC21962.1             ................................................MTSYALLHTQRVTAK........NGEVFTISP    24
NTDB id 1168 A1552VC RS11070 WP 000957200.1 ...........MLTNLVAILRQAELISATQEQAVVTQVSASGTSVPEALLELSIFHAQELTEQLSHIFGLPETDLSRYDY    69
NTDB id 1293 VP RS12240 WP 005479695.1      ...........MHSNLSTILRQKGLLTFSQEESLIEQVKASGISMPEALLSSGFFTSSELAEHLSSIFGLSQPELSQYEY    69
NTDB id 1401 DSB67 RS12665 WP 010643259.1   ...........MLTNLSTVLRQAGILTFSQEESLLEQVKASGISMPEALLSSGFFQSHELTEHLSSVFGLSCTSLNQYEY    69
NTDB id 1251 GC085 RS07725 WP 011946523.1   ...MALATEEYRLQGIGQLLVLEKLLDKTKAIELHKLAAAEKISLLQYIVKNKILSAEQIALTAAQNFGVPMLDINCIDV    77
NTDB id 1058 ABD1 RS01615 WP 001274986.1    ...MSALHTSPKFTGFFRRLVEEKHVSAATMQTALDAAKRAKQDTVAYLIEEVHLSPSLLAETISAEFAEPYFDLDVYDT    77
NTDB id 1018 ACIAD RS01685 WP 004920473.1   ...MSAFTTPPKFSGFIRRLVEEGYVNAQNMQQALEKAKKFKQDIVPYLIDNFSISPLTIAEIISLEFGEPLLDLGVFDP    77
consensus                                                      *     *        *         *   **    **   * * *   **    **   **
```

```
logo

NTDB id 1306 DR RS10060 WP 027479822.1      DPKVALMIPEATARRYVVVPVRLQGNSLVVAMKDPRNVFALDDLKLITGKEILPAVMAEKDIIRLIERYFGEKGFEKLNK   480
NTDB id 1384 A4U84 RS08525 WP 010787006.1   SRWQKNCEEKQLLLRYLAVPVQETEHKLWLAVDDENNLTACEIFAFMTHKQIEPVVIASDELKYLLNALSPEQQPIYEES    99
NTDB id 34471 NT05HA RS06725 WP 005701263.1 ELWQQNQQQQTVLLRYLALPLKEEPQKLWLGLDSLTNLAACEAFSFLTGKNIEPVLIESAVLKTALQDLAPHQEKLDENQ   103
NTDB id 1366 NTHI RS01950 WP 011271972.1    DLWERNQQQQSLLLRYFALPLKEENNRLWLGVDSLSNLSACETIAFITGKPVEPILLESSQLKELLQQLTPHQMQVEEQV   104
NTDB id 1355 HI 0298 AAC21962.1             DLWERNQQQQSLLLRYFALPLKEENNRLWLGVDSLSNLSACETIAFITGKPVEPILLESSQLKELLQQLTPNQMQVEEQV   104
NTDB id 1168 A1552VC RS11070 WP 000957200.1 ANLCQQLGLRELITRYDALPIAKQGNLLLLAVSDPTLLQAEEEFRFATGLQVELALADHRALQAAIRRLYGRSIQGAANQ   149
NTDB id 1293 VP RS12240 WP 005479695.1      ASLCQQLGLRELITRHNALPLHRTPSTLLLAVADPTNQQAEDDFRFATGLQVELVLADFRELSTAIRRLYGRSLSHEKSG   149
NTDB id 1401 DSB67 RS12665 WP 010643259.1   ASLCQTLGLRDLITRHNALPLNRTSSTLILAVADPTNLQAEDDFRFATGLQVELVLADFRELTAAIRRLYGRSLGQEKSG   149
NTDB id 1251 GC085 RS07725 WP 011946523.1   GTIPVNLVNEKLIKRHAMVPLFSRGTNLYLATDDPSKQASLKEIQFHTGLNTHAIVVETDKLSALIDNLLTAKESQGLSE   157
NTDB id 1058 ABD1 RS01615 WP 001274986.1    SQIPKDLVDQKLILKHRILPLIQRGQILYVATSNPSNIEAIDAIRFNSKLLVEPVIVEHHKLEKVLGQHFAEESSFDFND   157
NTDB id 1018 ACIAD RS01685 WP 004920473.1   ALFLKDKIDEKLIQKYRIMPLVHRGHVLYVATSNPTNIEAMDAIRFNSKLKVEPIIVEHDKLERLLSEHFVEETHFNFDT   157
consensus                                        **    ** ** **!*    * !**** ***** * * *** ***********   *  **  **      * *
```

```
logo
NTDB id 1306 DR RS10060 WP 027479822.1        E.........LAE..RNKTQQSQEADLSVADESAIVQVVDSIIREAALQDASDIHIETTEDAVKVRYRIDGALREQNSFP   549
NTDB id 1384 A4U84 RS08525 WP 010787006.1     E.........LAFV........EQEQEQLNLNDPIIQLLDNLFKFCLAQNASDIHIEPRKQKLIIRLRIDGVLHLYKSLS   162
NTDB id 34471 NT05HA RS06725 WP 005701263.1   P.........LFYSV......TPQEQQEQSSDEPTIQLLNQIFENATTKKASDIHLEPQTDFLQVRFRIDGVLQVQNTIA   168
NTDB id 1366 NTHI RS01950 WP 011271972.1      K.........FYQH........QETHFEQEDDEPVIRLLNQIFESALQKNASDIHLETLADQFQVRFRIDGVLQPQPLIS   167
NTDB id 1355 HI 0298 AAC21962.1               K.........FYQH........QETHFEQEDDEPVIRLLNQIFESALQKNASDIHLETLADQFQVRFRIDGVLQPQPLIS   167
NTDB id 1168 A1552VC RS11070 WP 000957200.1   GK..EISQDELANLVKVSDDELQSIEDLSQDDSPVSRFINQVLLDAVRKGASDIHFEPYENQYRIRLRCDGILVETQQPA   227
NTDB id 1293 VP RS12240 WP 005479695.1        LK..EINQEELASLVDVGADEIDNIEDLSQDESPVSRYINQILLDAVRKGASDIHFEPYEKMYRVRLRCDGILIETQQPP   227
NTDB id 1401 DSB67 RS12665 WP 010643259.1     LK..EINQDELAGLVDIGEDEIENIEDLSQDESPVSRYINQILLDAVRKGASDIHFEPYENMYRVRLRCDGILIEIQQPP   227
NTDB id 1251 GC085 RS07725 WP 011946523.1     YVEDSGDLEGLEISAD.DEDQDIDTATSVTDDAPIVKFVNKILLDAIRQGASDIHFEPYEREYRIRYRQDGILHEVATPP   236
NTDB id 1058 ABD1 RS01615 WP 001274986.1      E...EFD...LDVNLDGPTAQEDEEEAPQGDEAPIVKYINKLLIDAIRMGASDLHFEPYEKSYRVRYRVDGVLRQIANPP   231
NTDB id 1018 ACIAD RS01685 WP 004920473.1     E...ELD...LDVEVDPHTTDDDDEDDKLKDEAPIVKYINKLLIDAIRMSASDLHFEPYEKSYRVRYRVDGVLRLIATPP   231
consensus                                                *   *         * *    ** ************** !!!*!*!***  ***!*!*!!*!      **
```

```
logo
NTDB id 1306 DR RS10060 WP 027479822.1        KGAAQQIMARLKIMGHLDIAERRVPQDGRVRFKKG.SIDLDLRLSTLPTVYGEKAVMRLLQKASNIPELEQLGFSEYNYA   628
NTDB id 1384 A4U84 RS08525 WP 010787006.1     IQLASRLISRIKLLAKLDISELRQPQDGQFSFTTALADTLDFRVSSLPTIYGEKLVLRLQKNKPTSFDFLQLGFNPQQQT   242
NTDB id 34471 NT05HA RS06725 WP 005701263.1   QTLANRLISRLKLLAKLDISETRLPQDGRFQFKTTFSDILDFRLSTLATHFGEKAVLRLQQNRPVQLAFSELGMTEQQQQ   248
NTDB id 1366 NTHI RS01950 WP 011271972.1      KIFANRIISRLKLLAKLDISENRLPQDGRFQFKTTFSDILDFRLSTLPTHWGEKIVLRAQQNKPVELSFAELGMTENQQQ   247
NTDB id 1355 HI 0298 AAC21962.1               KIFANRIISRLKLLAKLDISENRLPQDGRFQFKTTFSDILDFRLSTLPTHWGEKIVLRAQQNKPVELSFSELGMTENQQQ   247
NTDB id 1168 A1552VC RS11070 WP 000957200.1   SHLSRRLAARIKILSKLDIAERRLPQDGRIKLRLSRDTAIDMRVSTLPTLWGEKIVLRLLDSSAANLDIDKLGYNPQQKQ   307
NTDB id 1293 VP RS12240 WP 005479695.1        NHLSRRLSARIKILSKLDIAERRLPQDGRIKLKLNQDTAIDMRVSTLPTLFGEKIVLRLLDSSSASLDIDKLGYSEQQKQ   307
NTDB id 1401 DSB67 RS12665 WP 010643259.1     SHLSRRLSARIKILSKLDIAERRLPQDGRIKLKLNQDTAIDMRVSTLPTLFGEKIVLRLLDSSSAALDINKLGYSDSQKQ   307
NTDB id 1251 GC085 RS07725 WP 011946523.1     ASLSSRITARIKVMSNLDISERRIPQDGGFKMKISKSRAIDFRVSTCPTSAGEKVVMRVLDSGAAKLGIEALGFNPVQRT   316
NTDB id 1058 ABD1 RS01615 WP 001274986.1      LQLANRLASRLKVMSQMDISEKRVPQDGRIKLKLSKSKAIDFRVNSLPTLFGEKLVLRILDPSSAMLGIDALGYEEDQKA   311
NTDB id 1018 ACIAD RS01685 WP 004920473.1     LQLATRLASRLKVMSQMDISEKRVPQDGRIKLKMSKSKTIDFRVNSLPTLFGEKIVLRILDPASAMLGIDALGYEPEQKA   311
consensus                                       ** ** *!*!*****!!*!*!*!!!!******* *  *!*!*****!**!!!*!*!***   * * ** !!*******
```

```
logo
NTDB id 1306 DR RS10060 WP 027479822.1        RYTEIIERPNGIFLVTGPTGSGKSFTCFSTLKRIAKPEKNTTIEDPIEYEVPGIVQSQVNNSTGMTFARALRAFLRQDP   708
NTDB id 1384 A4U84 RS08525 WP 010787006.1     TLLNALKQPQGLILVTGPTGSGKSITLYSALNYLNQMDKHILTAEDPVEIEIDGLIQTQVNRSIQLDFSQLLRTFLRQDP   322
NTDB id 34471 NT05HA RS06725 WP 005701263.1   TFRHALSQPQGLILVTGPTGSGKSISLYTALQWLNTPDKHIMTAEDPIEIQLPGIIQSQVNPQIGLDFSRLLRTFLRQDP   328
NTDB id 1366 NTHI RS01950 WP 011271972.1      AFQRSLSQPQGLILVTGPTGSGKSISLYTALQWLNTPDKHIMTAEDPIEIELDGIIQSQINPQIGLDFSRLLRAFLRQDP   327
NTDB id 1355 HI 0298 AAC21962.1               AFQRVLSQPQGLILVTGPTGSGKSISLYTALQWLNTPDKHIMTAEDPIEIELDGIIQSQINPQIGLDFNRLLRTFLRQDP   327
NTDB id 1168 A1552VC RS11070 WP 000957200.1   LYLNALKRPQGMILMTGPTGSGKTVSLYTGLRILNTSQINISTAEDPVEINLSGINQVQVQPKICFGFAEALRSFLRQDP   387
NTDB id 1293 VP RS12240 WP 005479695.1        LYLEALRRPQGMILMTGPTGSGKTVSLYTGLNILNKPEINISTAEDPVEINLSGINQVQVQPKICFGFAEALRSFLRQDP   387
NTDB id 1401 DSB67 RS12665 WP 010643259.1     LYLDALRRPQGMILMTGPTGSGKTVSLYTGLSILNKPEINISTAEDPVEIYLPGINQVQVQPKICFGFAEALRSFLRQDP   387
NTDB id 1251 GC085 RS07725 WP 011946523.1     NFLKAIQRPQGMILVTGPTGSGKTVTLYTALNILNTIEVNISTAEDPVEIKVPGINQVNINPKAGLTFSGALRSFLRQDP   396
NTDB id 1058 ABD1 RS01615 WP 001274986.1      LFMEALDKPQGMLLITGPTGSGKTVSLYTGLNILNTESSNISTAEDPVEINLEGINQVNVNPKVGLTFAAALKSFLRQDP   391
NTDB id 1018 ACIAD RS01685 WP 004920473.1     LFMEALNKPQGMLLITGPTGSGKTVSLYTGLNILNTEHANISTAEDPVEINLEGVNQVNVNPKVGLTFAAALRSFLRQDP   391
consensus                                      ** ** *!*!**!*!!!!!!!!*******!******* ***!*!!!*!* * !**!********* !* *!**!!!!!!
```

```
logo
NTDB id 1306 DR RS10060 WP 027479822.1        DIIFVGEIRDQETAKIAVEAALTGHMVLATLHTNDAPGAVTRLEEMGIENFNISAAVMGVLAQRLVRRVCSECKQPTNA.   787
NTDB id 1384 A4U84 RS08525 WP 010787006.1     DIIMLGEIRDEESAKMALRASQTGHLVLSTLHTNDALSAVERLLQLGIQEYEIQNSLLLVIAQRLVRKLCKKCRGVGC..   400
NTDB id 34471 NT05HA RS06725 WP 005701263.1   DIIMLGEIRDEESAAMALRAAQTGHLVLSTLHTNDAASAISRLQQLGIQQHEIDSSLLLVIAQRLVRKRCQKCGGNAT..   406
NTDB id 1366 NTHI RS01950 WP 011271972.1      DIIMLGEIRDEESARIALRAAQTGHLVLSTLHTNDAISAISRLQQLGIQQHEIENSLLLVIAQRLVRKICPKCGGNLI..   405
NTDB id 1355 HI 0298 AAC21962.1               DIIMLGEIRDEESAMIALRAAQTGHLVLSTLHTNDAISAISRLQQLGIQQYEIKNSLLLVIAQRLVRKLCSKCGGNLA..   405
NTDB id 1168 A1552VC RS11070 WP 000957200.1   DVVMVGEIRDLETAEIAVKAAQTGHLVLSTLHTNSAAETVIRLANMGVEPFNLASSLSLIIAQRLARRLCKHCKIAVRP.   466
NTDB id 1293 VP RS12240 WP 005479695.1        DVVMVGEIRDLDTAEIAIKASQTGHLVLSTLHTNSAAETIIRLSNMGVESFNLASSLSLIIAQRLARKLCPYCKQPQEH.   466
NTDB id 1401 DSB67 RS12665 WP 010643259.1     DVVMVGEIRDLDTAEIAIKASQTGHLVLSTLHTNSAAETVIRLSNMGVESFNLASSLSLIIAQRLARKLCPYCRQPQEP.   466
NTDB id 1251 GC085 RS07725 WP 011946523.1     DIIMVGEIRDLETAEIAIKAAQTGHLVLSTLHTNSAAETLNRLVNMGIPTFNIASSVTLIIAQRLARKLCNQCKAVRDDF   476
NTDB id 1058 ABD1 RS01615 WP 001274986.1      DIIMVGEIRDLETAEIAIKAAQTGHMVMSTLHTNSAPETLTRLRNMGVPSFNIATSVNLVIAQRLARRLCSQCKIPA.DI   470
NTDB id 1018 ACIAD RS01685 WP 004920473.1     DIIMVGEIRDLETAEIAIKAAQTGHLVMSTLHTNNAAETLTRLRNMGVASFNIATSVNLVIAQRLARRLCSQCKRPI.QV   470
consensus                                     !****!!!!!***!**!**!**!!!*!**!!!!! !*****!! **!*  ******* ***!!!!*!**!  !*

logo
NTDB id 1306 DR RS10060 WP 027479822.1        DPEVLRRLGISERDIRGANL..MRGTGCPRCGGTGYKGRMGIHELMVMDDSLRRTIGAGRPAAEIRDVALGESGLRSLRQ   865
NTDB id 1384 A4U84 RS08525 WP 010787006.1     ..........................DECY.QGYRGRIGVYQCLSRTA............KKFDKQT.AYLDFSSLRE   438
NTDB id 34471 NT05HA RS06725 WP 005701263.1   ........................RFCDCH.QGYKGRIGVYQFLQPNV............SQI..SG.YQLDFQNLYA   444
NTDB id 1366 NTHI RS01950 WP 011271972.1      ........................NSCDCH.QGYRGRIGVYQFLHW................QQ..NG.YQTDFENLRE   440
NTDB id 1355 HI 0298 AAC21962.1               ........................NSCDCH.QGYRGRIGVYQFLHW................QQ..ND.YQTDFKNLRA   440
NTDB id 1168 A1552VC RS11070 WP 000957200.1   SALLQSQFAFQPNEI....LYEANAAGCNECT.GGYSGRVGIYEVMAFNTELAEAIMQRASIHQIERLA.KANGMQTLQE   540
NTDB id 1293 VP RS12240 WP 005479695.1        TVQL.QHLGIQTTDN....IFRANPDGCNECT.HGYSGRTGIYEVMRFDESLSEALIKGASVHELEKLA.IANGMSTLQM   539
NTDB id 1401 DSB67 RS12665 WP 010643259.1     NSQL.QHIGIANTEQ....IFQANPDGCNECT.HGYSGRTGIYEVMKFDESLSEALIKGASVHELEKLA.IANGMQTLQM   539
NTDB id 1251 GC085 RS07725 WP 011946523.1     TNQGLIELGFKEADLV..NLKLYKAVGCEQCT.SGYRGRVGLFEVLPMTKELGQLIMSGGNSLDILKLA.QSEGMLTIFQ   552
NTDB id 1058 ABD1 RS01615 WP 001274986.1      PKQSLLEMGFTEQDLAHPDFRVFQPVGCLECR.EGYKGRVGIYEVMKVTPEISKIIMEDGNALEIAAAS.EKLGFNNLRR   548
NTDB id 1018 ACIAD RS01685 WP 004920473.1     PERSLLEMGFTPEDLAQPEFQIFEPVGCHDCR.EGYKGRVGIYEVMKITPEISKIIMEDGNALEIAATA.ETLGFNNLRR   548
consensus                                            **    *            ** *!   !!*!!*!*****     *   **  *   **   *    ** ***

logo
NTDB id 1306 DR RS10060 WP 027479822.1        DGIEKALQGLTTLEEVLAVTAS...   887
NTDB id 1384 A4U84 RS08525 WP 010787006.1     SAKQKIEQQLTNETEVDRVLGYE..   461
NTDB id 34471 NT05HA RS06725 WP 005701263.1   SALEKVKSQVTDLAEVQRVLGQPNA   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 1293 VP RS12240 WP 005479695.1        SGIEKLKQGITSFSELQRVLYF...   561
NTDB id 1401 DSB67 RS12665 WP 010643259.1     SGIEKLKQGITSFRELQRVLYF...   561
NTDB id 1251 GC085 RS07725 WP 011946523.1     SGIEKVKEGITTIEEVNRVTVD...   574
NTDB id 1058 ABD1 RS01615 WP 001274986.1      SGLKKVMQGVTSLQEVNRVTSE...   570
NTDB id 1018 ACIAD RS01685 WP 004920473.1     SGLKKVMQGVTSLQEINRVTSE...   570
consensus                                     ****!* ***!*   !***!*
```

X non conserved

X similar

X ≥ 50% conserved