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logo
NTDB id 1028 TT RS08215 WP 011173991.1      MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVKALLPA   85
NTDB id 39589 DEIMA RS00115 WP 013555191.1  .MALSIGDRRLGAILLEQGYVNDTDLQRALDRHSEVGGRLADILIDSSMVGEKRIARAVEEALGIPLVSLTQLEPDPKAIAAVPA   84
NTDB id 1306 DR RS10060 WP 027479822.1      .MALSIGDRRLGAILLDQGYLGDNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLLAVQPDPAALRSIRP   84
consensus                                    **!*!!!*!!!!*!!**!** ! *!!!!!*!!*!!!!*!!**!*!****!*!!!***!***!!!!! !  ****!**** ***

logo
NTDB id 1028 TT RS08215 WP 011173991.1      EKAKELKAIPFALDEEAGVVRVAFLNPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPPP..SGEGQKDLKL   168
NTDB id 39589 DEIMA RS00115 WP 013555191.1  EAAQASQAFPFALDG..ATLRVAFVDPLSSMNIETIEDESGYAVEPYQALRSHLNWAIAEHYPELGLNAQKPIE...AGEQVSLL   164
NTDB id 1306 DR RS10060 WP 027479822.1      QTALNLQAFPFALEG..DRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLEIVVPSGASDAGRTGGKL   167
consensus                                   * !  **!*!!!!**  * *!!!***!!*****!**!!**!* *!!!!**** ***!*! !!!!!!! *  !   * *!    *!

logo
NTDB id 1028 TT RS08215 WP 011173991.1      GELLLQKGWISREALEEALVEQEKTGDLLGRILVRKG.LPEEALYRALAEQKGLEFLESTEGIVPDPSAALLLLRSDALRYGAVP   252
NTDB id 39589 DEIMA RS00115 WP 013555191.1  GQKMLQRGLITDAQINQALELQKQTGDPLGAALIELGFITEDQLYETLAEQSNTVFVRNPRDYEPDESVLGLMLRADALRLTSVP   249
NTDB id 1306 DR RS10060 WP 027479822.1      GERLITHGYITDAQLQVALDAQQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFHPGEEVLGSMLRADALRLLAVP   252
consensus                                   !*****!*!****** !!* ! *!!* !!* !*  * **!**!!* !!!! ** !* ** ** !********!!*!!!!* *!!

logo
NTDB id 1028 TT RS08215 WP 011173991.1      IGFQNGEVEVVLSDPRHKEAVAQLLNRPARFYLALPQAWEELFRRAYPQKNRLGEVLVQEGKLSREALKEALEVQKGLPRAKPLG   337
NTDB id 39589 DEIMA RS00115 WP 013555191.1  VRDQGDHVLVITSDQRRRADLESIIGRPVQLALAKPADVEMLIDRLYPQRGRLGEAMVNAGTLSRDQLREALQVQARSGKVKPLG   334
NTDB id 1306 DR RS10060 WP 027479822.1      VDETEQGVTVLTSDPRKRPDIDALIGRPVQLMLTRPRDIERLIEQFYPQRGRLGEQLVQEGTLSRDQLREALQVQAREGKVKPLG   337
consensus                                   * **   ! !**!!*!** *** ***!!*** !**! **! !*** !!!**!!!! *!**!*!!!**!*!!!*!!** ***!!!!

logo
NTDB id 1028 TT RS08215 WP 011173991.1      EILVELGLARPEDVEEALQKQRRGGGRLEDTLVQSGKLRPEALAQAVATQLGYPYVDPEEDPPDPGAPLLLPEDLCRRYGVFPHR   422
NTDB id 39589 DEIMA RS00115 WP 013555191.1  EVIVDLGFAEADEISEAIEKQNTGGGRLEDTLVQSGKLSPEMLARSLAAQLGYEYLDPQQSPPDPKVAQLIPEATARRFVVVPVR   419
NTDB id 1306 DR RS10060 WP 027479822.1      EVITELGFASPDEVDSALQKQNVGGGRLEDTLVQSGKLSPEMLARSLAAQLGYEFLDPIQNPPDPKVALMIPEATARRYVVVPVR   422
consensus                                   !****!!*! *****!**!!* !!!!!!!!!!!!!!!!*!!*!***!*!!!!***!! * !!!!******!!***!!**!*!*!

logo
NTDB id 1028 TT RS08215 WP 011173991.1      LEGNRLVLLMKDPRNILALDDVRLALKRKGLNYEVAPAVATEAAITKLIERFYGKAELSEIAKEFAKKQAE.....EEVPSPLEL   502
NTDB id 39589 DEIMA RS00115 WP 013555191.1  MQGDALVVAMKDPRNVFALDDLRLIAGR.....EIIPAVMAERDIIRLIERYFGSNDMAELNKKLAETGRTRERERERDADLNASL   499
NTDB id 1306 DR RS10060 WP 027479822.1      LQGNSLVVAMKDPRNVFALDDLKLITGK.....EILPAVMAEKDIIRLIERYFGEKGFEKLNKELAERNKTQQSQEADL...SVA   499
consensus                                   **!* !!**!!!!!!**!!!!**!* **     !**!!!**!**!**!!!!**!  ** ***!**!**** ***     *
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logo
NTDB id 1028 TT RS08215 WP 011173991.1      DESAAQKFVKQVIREAFLQDASDIHIEPRQNDVQVRLRIDGALRPYSTLPKGALNAVISVVKIMGGLNIAEKRLPQDGRVRYREG   587
NTDB id 39589 DEIMA RS00115 WP 013555191.1  DDNAVVRVVDSIIREAALQDVSDIHIEPTEHNVKVRYRIDGDMRDHMELPKAAGPAIAARIKILGNLDIAERRIPQDGRVRFRRG   584
NTDB id 1306 DR RS10060 WP 027479822.1      DESAIVQVVDSIIREAALQDASDIHIETTEDAVKVRYRIDGALREQNSFPKGAAQQIMARLKIMGHLDIAERRVPQDGRVRFKKG   584
consensus                                   !**!****!***!!!!*!!!*!!!!!!***  !*!!*!!!!**!*  **!!*!*********!!*! !*!!!*!*!!!!!!!***!

logo
NTDB id 1028 TT RS08215 WP 011173991.1      AIDVDLRLSTLPTVYGEKAVMRLLKKASDIPEIEDLGFAPGVFERFKEVISKPYGIFLITGPTGSGKSFTTFSILKRIATPDKNT   672
NTDB id 39589 DEIMA RS00115 WP 013555191.1  SIDLDLRLSTLPTVYGEKSVMRLLQKASNIPEVEQLGFSDHNFQRFLDTIEKPYGIFLITGPTGSGKSFSSFSILKRIATSDKNT   669
NTDB id 1306 DR RS10060 WP 027479822.1      SIDLDLRLSTLPTVYGEKAVMRLLQKASNIPELEQLGFSEYNYARYTEIIERPNGIFLVTGPTGSGKSFTCFSTLKRIAKPEKNT   669
consensus                                   *!!*!!!!!!!!!!!!!!*!!!!!*!!!*!!!*!*!!!** ** !* **!**!*!!!!*!!!!!!!!!!**!!*!!!!!***!!!

logo
NTDB id 1028 TT RS08215 WP 011173991.1      QTIEDPVEYEIPGINQTQVNPQAGLTFARALRAFLRQDPDIIMVGEIRDSETAKIATEAALTGHLVIATLHTNDAAQAITRLDEM   757
NTDB id 39589 DEIMA RS00115 WP 013555191.1  TTVEDPVEYEIPGINQTQVNTTAGLTFARALRAFLRQDPDIIFVGEIRDAETAKIATEAALTGHLVLATLHTNDAPGAVTRLEEM   754
NTDB id 1306 DR RS10060 WP 027479822.1      TTIEDPIEYEVPGIVQSQVNNSTGMTFARALRAFLRQDPDIIFVGEIRDQETAKIAVEAALTGHMVLATLHTNDAPGAVTRLEEM   754
consensus                                   *!*!!!*!!!*!!!*!*!!! **!*!!!!!!!!!!!!!!!!!!*!!!!!! !!!!!!*!!!!!!!*!*!!!!!!!!**!*!!!*!!

logo
NTDB id 1028 TT RS08215 WP 011173991.1      GVEPFNISAALIGVLSQRLVRRVCEHCKVEVKPDPETLRRLGLSEAEIQGATLYKGMGCERCGGTGYKGRYAIHELLVVDDEIRH   842
NTDB id 39589 DEIMA RS00115 WP 013555191.1  GVEHFNISAALIGVLAQRLVRRICQECKTETNADPDTLRRLGLRDEELQGATLYHGTGCNRCGGTGYKGRTAIHELMVVDDPLRR   839
NTDB id 1306 DR RS10060 WP 027479822.1      GIENFNISAAVMGVLAQRLVRRVCSECKQPTNADPEVLRRLGISERDIRGANLMRGTGCPRCGGTGYKGRMGIHELMVMDDSLRR   839
consensus                                   !*! !!!!!!**!!!*!!!!!!*! *!! ****!!**!!!!!*** ***!! !**!*!! !!!!!!!!!! *!!!!*!*!! *!*

logo
NTDB id 1028 TT RS08215 WP 011173991.1      AIVAGKSATEIKEIAR.RKGMKTLREDGLYKALQGITTLEEVLARTIE   889
NTDB id 39589 DEIMA RS00115 WP 013555191.1  AIGGGKSAAEIRDVAVEQSNMRTLRQDGIEKALRGITTLEEVLGSTSN   887
NTDB id 1306 DR RS10060 WP 027479822.1      TIGAGRPAAEIRDVALGESGLRSLRQDGIEKALQGLTTLEEVLAVTAS   887
consensus                                   *!**!**!*!!***!*  *****!!*!!**!!!*!*!!!!!!!!* !
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X non conserved

X similar

X $\geq$ 50% conserved