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logo
NTDB id 1028 TT RS08215 WP 011173991.1      MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVKALLPA   85
NTDB id 145351 SU48 RS00005 WP 064015741.1  .MALSIGDRRLGAILLEQGYVNDTDLQRALVRHAEIGGRLADILIDTGLVGEKRIARAIEEALGIPLVNLLVVTPEEAALKSVQA   84
NTDB id 1306 DR RS10060 WP 027479822.1      .MALSIGDRRLGAILLDQGYLGDNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLLAVQPDPAALRSIRP   84
consensus                                   **!*!!!*!!!!*!!**!** ! *!!!!!*!! !*!!*!!**!*!*!***!*!!!**!!***!!!!!*!* ! ********* *

logo
NTDB id 1028 TT RS08215 WP 011173991.1      EKAKELKAIPFALDEEAGVVRVAFLNPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP..PSGEGQKDLKL  168
NTDB id 145351 SU48 RS00005 WP 064015741.1  QTALASQAFPFAI..DGGTLRVALVDPLSSMALEALEDDSGLMIEPYQALRDQIMWAMATHYPELGITPALPDEIGEG..GGSML  165
NTDB id 1306 DR RS10060 WP 027479822.1      QTALNLQAFPFAL..EGDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLEIVVPSGASDAGRTGGKL  167
consensus                                   **!* **!*!!!*  *** *!!!***!!*****! *!!**!***!!!!**** ***!*!*!!!!!!* * *!   ****  * *!

logo
NTDB id 1028 TT RS08215 WP 011173991.1      GELLLQKGWISREALEEALVEQEKTGDLLGRILV.RKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAALLLLRSDALRYGAVP  252
NTDB id 145351 SU48 RS00005 WP 064015741.1  GQRLMGRGLINDAQLQVALDVQQQTGEALGGTLIAQQIITEDQLYESLAEQTGTVYLRNPRDFQPTEDVLGSMLRADALRLNAVP  250
NTDB id 1306 DR RS10060 WP 027479822.1      GERLITHGYITDAQLQVALDAQQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFHPGEEVLGSMLRADALRLLAVP  252
consensus                                   !**!* *!*!****!**!!* !**!!**!!**!* *****!**!!* !!!! !* *! ** ** ! *******!!*!!!!* !!!

logo
NTDB id 1028 TT RS08215 WP 011173991.1      IGFQNGEVEVVLSDPRHKEAVAQLLNRPARFYLALPQAWEELFRRAYPQKNRLGEVLVQEGKLSREALKEALEVQKGLPRAKPLG  337
NTDB id 145351 SU48 RS00005 WP 064015741.1  VDESDQGVTVVASDPRKREDIEALVGRTVTLILAKPKDVETLIERFYPQRGRLGEQMVQQGSLSRAQLREALHVQAREGKVKPLG  335
NTDB id 1306 DR RS10060 WP 027479822.1      VDETEQGVTVLTSDPRKRPDIDALIGRPVQLMLTRPRDIERLIEQFYPQRGRLGEQLVQEGTLSRDQLREALQVQAREGKVKPLG  337
consensus                                   *******!*!* !!!!******!**!** **!**!***! !****!!!**!!!!**!!*!*!!!**!*!!! !!******!!!!

logo
NTDB id 1028 TT RS08215 WP 011173991.1      EILVELGLARPEDVEEALQKQRRGGGRLEDTLVQSGKLRPEALAQAVATQLGYPYVDPEEDPPDPGAPLLLPEDLCRRYGVFPHR  422
NTDB id 145351 SU48 RS00005 WP 064015741.1  EVIMELGFAGADEIDVALQKQNAGGGRLEDTLVQSGKLSPEMLARSLAAQLGYEFLDPVQNPPDSKVALMIPEGTARRYGVVPVR  420
NTDB id 1306 DR RS10060 WP 027479822.1      EVITELGFASPDEVDSALQKQNVGGGRLEDTLVQSGKLSPEMLARSLAAQLGYEFLDPIQNPPDPKVALMIPEATARRYVVVPVR  422
consensus                                   !***!!!*! ***** !!!!!* !!!!!!!!!!!!!!!*!!*!!***!*!!!!***!!***!!!!****!**!!***!!!*!*!*!

logo
NTDB id 1028 TT RS08215 WP 011173991.1      LEGNRLVLLMKDPRNILALDDVRLALKRKGLNYEVAPAVATEAAITKLIERFYGKAELSEIAKEFAKKQAE......EEVPSPLE  501
NTDB id 145351 SU48 RS00005 WP 064015741.1  LQGESLVVAMKDPRNVFALDDLKLITGR.....DIIPAVMAEKDIIRLIERYFGNKDMANLNQELANLSSKRDSKKQEEMDLSVG  500
NTDB id 1306 DR RS10060 WP 027479822.1      LQGNSLVVAMKDPRNVFALDDLKLITGK.....EILPAVMAEKDIIRLIERYFGEKGFEKLNKELAERNKTQQ...SQEADLSV.  498
consensus                                   !*!**!!**!!!!!!**!!!!**!****     ***!!!**!**!**!!!!**! ***  ***!*! **         *!*****
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logo
NTDB id 1028 TT RS08215 WP 011173991.1      LDESAAQKFVKQVIREAFLQDASDIHIEPRQNDVQVRLRIDGALRPYSTLPKGALNAVISVVKIMGGLNIAEKRLPQDGRVRYRE   586
NTDB id 145351 SU48 RS00005 WP 064015741.1 LDDNAVVRVVDNLIREAALQEASDIHIEPTETGLRIRYRVDGVLREQNELPKGSSQSILARIKIMGNLDISERRVPQDGRVRFKK   585
NTDB id 1306 DR RS10060 WP 027479822.1      ADESAIVQVVDSIIREAALQDASDIHIETTEDAVKVRYRIDGALREQNSFPKGAAQQIMARLKIMGHLDIAERRVPQDGRVRFKK   583
consensus                                   *!**!****!**!!!!*!!*!!!!!!!*** ****!*!*!!*!****!!!* * ****!!!! !*!*!*!*!!!!!!!***

logo
NTDB id 1028 TT RS08215 WP 011173991.1      GAIDVDLRLSTLPTVYGEKAVMRLLKKASDIPEIEDLGFAPGVFERFKEVISKPYGIFLITGPTGSGKSFTTFSILKRIATPDKN   671
NTDB id 145351 SU48 RS00005 WP 064015741.1 GSIDIDLRLSTLPTVYGEKAVMRLLQKAANIPEVENLGFSDYNFPRFLDLIEKPYGIFLVTGPTGSGKSFTSFSTLKRIARPEKN   670
NTDB id 1306 DR RS10060 WP 027479822.1      GSIDLDLRLSTLPTVYGEKAVMRLLQKASNIPELEQLGFSEYNYARYTEIIERPNGIFLVTGPTGSGKSFTCFSTLKRIAKPEKN   668
consensus                                   !*!!*!!!!!!!!!!!!!!!!!!!!!!*!!**!!!*!*!!!*****  !* **!**!*!!!!*!!!!!!!!!!!*!!*!!!!!*!*!!

logo
NTDB id 1028 TT RS08215 WP 011173991.1      TQTIEDPVEYEIPGINQTQVNPQAGLTFARALRAFLRQDPDIIMVGEIRDSETAKIATEAALTGHLVIATLHTNDAAQAITRLDE   756
NTDB id 145351 SU48 RS00005 WP 064015741.1 TTTIEDPVEYEIPGIVQSQVNPVAGMTFARALRAFLRQDPDIIFVGEIRDSETAKIAVEAALTGHMVLATLHTNDAPGAVTRLDE   755
NTDB id 1306 DR RS10060 WP 027479822.1      TTTIEDPIEYEVPGIVQSQVNNSTGMTFARALRAFLRQDPDIIFVGEIRDQETAKIAVEAALTGHMVLATLHTNDAPGAVTRLEE   753
consensus                                   !*!!!!!*!!!*!!!*!*!!!* *!*!!!!!!!!!!!!!!!!!!!!*!!!!!!*!!!!!!*!!!!!!!!*!*!!!!!!!!**!*!!!*!

logo
NTDB id 1028 TT RS08215 WP 011173991.1      MGVEPFNISAALIGVLSQRLVRRVCEHCKVEVKPDPETLRRLGLSEAEIQGARLYKGMGCERCGGTGYKGRYAIHELLVVDDEIR   841
NTDB id 145351 SU48 RS00005 WP 064015741.1 MGVEGFNIGASLIGVLGQRLVRKVCPDCKAPTNADPDVLRRLGISERDLRGGALVRGAGCPRCGGTGYKGRTGLHELMVLDDALR   840
NTDB id 1306 DR RS10060 WP 027479822.1      MGIENFNISAAVMGVLAQRLVRRVCSECKQPTNADPEVLRRLGISERDIRGANLMRGTGCPRCGGTGYKGRMGIHELMVMDDSLR   838
consensus                                   !!*! !!!*!***!!!*!!!!!*!! *!! ****!!**!!!!!*!!****!* !**! !!*!!!!!!!!!! **!!!*!*!! *!

logo
NTDB id 1028 TT RS08215 WP 011173991.1      HAIVAGKSATEIKEIAR.RKGMKTLREDGLYKALQGITTLEEVLARTIE   889
NTDB id 145351 SU48 RS00005 WP 064015741.1 TAIGSGKPAVELREVAMNESGMRTMRQDGIDKALKGITTLEEVLAVTSN   889
NTDB id 1306 DR RS10060 WP 027479822.1      RTIGAGRPAAEIRDVALGESGLRSLRQDGIEKALQGLTTLEEVLAVTAS   887
consensus                                    *!**!**! !****!* **!****!*!!*!!!*!*!!!!!!!!!*!
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X non conserved

X similar

X ≥ 50% conserved