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logo
NTDB id 1306 DR RS10060 WP 027479822.1      .MALSIGDRRLGAILLDQGYLGDNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLLAVQPDPAAL   79
NTDB id 354485 EBI04 RS10310 WP 135257380.1 MSVLTIGDKRLGAILLDAGLLTDEELQMALEKHREVGGSLAEVIVDSGLLSERRIAQAIEDHFGIPLVELHTLEIPPKVK   80
NTDB id 1028 TT RS08215 WP 011173991.1      MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK   80
consensus                                   ***!*!!!!*!!!!*!!!*!*!*!**!!*!!!*!*!!!!*!!*!**!*!***!*!!!**!!* *!!!!!*!* ****!***

logo
NTDB id 1306 DR RS10060 WP 027479822.1      RSIRPQTALNLQAFPFALEG..DRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLEIVVPSGA  157
NTDB id 354485 EBI04 RS10310 WP 135257380.1 ALLPAEKAKELQAIPFALDEEAGVVRVAFVNPLDTLALEEVEDLTGMVVEPYQATKSAFLYALAKNYPELNLPLPPP..P  158
NTDB id 1028 TT RS08215 WP 011173991.1      ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP..P  158
consensus                                   *******!**!*!*!!!!*******!!!***!!*****!**!!**!***!!!!********!*!**!!!!*!*****!   *

logo
NTDB id 1306 DR RS10060 WP 027479822.1      SDAGRTGGKLGERLITHGYITDAQLQVALDAQQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFHPGEEVL  237
NTDB id 354485 EBI04 RS10310 WP 135257380.1 SGPSREELKVGELLVEKGLLDRNTLEEALVEQEKTGDLLGRILV.RKGLPEEVLYRVLAEQKGMEFLPSTQGLSPDPAAT  237
NTDB id 1028 TT RS08215 WP 011173991.1      SGEGQKDLKLGELLLQKGWISREALEEALVEQEKTGDLLGRILV.RKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAA  237
consensus                                   !* ** **!*!!*!* *!****  !**!!**!**!!**!!**!* *****!* !!**!!!!*!**!!*** !* !** *

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NTDB id 1306 DR RS10060 WP 027479822.1      GSMLRADALRLLAVPVDETEQGVTVLTSDPRKRPDIDALIGRPVQLMLTRPRDIERLIEQFYPQRGRLGEQLVQEGTLSR  317
NTDB id 354485 EBI04 RS10310 WP 135257380.1 NLLLRSDALRYSAVPVGFRNGEVEVVLADPRHKEAVAELLGRPTRFFLTLPKEWEALFHQAYPEKSRLGEVLVQEGRLSR  317
NTDB id 1028 TT RS08215 WP 011173991.1      LLLLRSDALRYGAVPIGFQNGEVEVVLSDPRHKEAVAQLLNRPARFYLALPQAWEELFRRAYPQKNRLGEVLVQEGKLSR  317
consensus                                    **!!*!!!!* !!!*** ***!*!***!!!****** !**!! ***!**!***! !* **!!** !!!!*!!!!!*!!!

logo
NTDB id 1306 DR RS10060 WP 027479822.1      DQLREALQVQAREGKVKPLGEVITELGFASPDEVDSALQKQNVGGGRLEDTLVQSGKLSPEMLARSLAAQLGYEFLDPIQ  397
NTDB id 354485 EBI04 RS10310 WP 135257380.1 EDLREALEVQRRLPKAKPLGEILVELGLARPEDVEEALRKQRQGGGRLEDTLVASGKLKPEALAQAVAAQLGYPYINPEE  397
NTDB id 1028 TT RS08215 WP 011173991.1      EALKEALEVQKGLPRAKPLGEILVELGLARPEDVEEALQKQRRGGGRLEDTLVQSGKLRPEALAQAVATQLGYPYVDPEE  397
consensus                                   * !*!!!*!!******!!!!!***!!!*!*!**!**!!*!!* !!!!!!!!!!*!!!!!*!!*!!***!*!!!!***!**

logo
NTDB id 1306 DR RS10060 WP 027479822.1      NPPDPKVALMIPEATARRYVVVPVRLQ.GNSLVVAMKDPRNVFALDDLKLITG.....KEILPAVMAEKDIIRLIERYFG  471
NTDB id 354485 EBI04 RS10310 WP 135257380.1 NPPDPGAALLLPEDLARRYGVFPHHVENGKTLVLLMKDPRNILALDDVRLALKRKGLAYEVAPAVATEAAITKLIERFYG  477
NTDB id 1028 TT RS08215 WP 011173991.1      DPPDPGAPLLLPEDLCRRYGVFPHRLE.GNRLVLLMKDPRNILALDDVRLALKRKGLNYEVAPAVATEAAITKLIERFYG  476
consensus                                   *!!!!***!**!!***!!!*!*!**** !*!!**!!!!!!**!!!!**!******* *!**!!!**!**!**!!!!**!
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logo

NTDB id 1306 DR RS10060 WP 027479822.1      EKGFEKLNKELAERNKTQQSQEADLSVADESAIVQVVDSIIREAALQDASDIHIETTEDAVKVRYRIDGALREQNSFPKG   551
NTDB id 354485 EBI04 RS10310 WP 135257380.1 KEELGEIAKELSKGYQEEE..AV.TPELDESAAQKFVKQVIREAYLQDASDIHIEPRQFDVLVRLRIDGTLRQYTTLSKG   554
NTDB id 1028 TT RS08215 WP 011173991.1      KAELSEIAKEFAKKQAEEE..VPSPLELDESAAQKFVKQVIREAFLQDASDIHIEPRQNDVQVRLRIDGALRPYSTLPKG   554
consensus                                   * ** ***!!****** ***       **!!!!****!***!!!!*!!!!!!!!!!*** *! !!*!!!!*!! ******!!

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NTDB id 1306 DR RS10060 WP 027479822.1      AAQQIMARLKIMGHLDIAERRVPQDGRVRFKKGSIDLDLRLSTLPTVYGEKAVMRLLQKASNIPELEQLGFSEYNYARYT   631
NTDB id 354485 EBI04 RS10310 WP 135257380.1 ALNSIISVVKIMGGLNIAERRLPQDGRVRYREGAIDVDLRLSTLPTVYGEKAVMRLLKKAADIPEIEGLGFAPGVFERFQ   634
NTDB id 1028 TT RS08215 WP 011173991.1      ALNAVISVVKIMGGLNIAEKRLPQDGRVRYREGAIDVDLRLSTLPTVYGEKAVMRLLKKASDIPEIEDLGFAPGVFERFK   634
consensus                                   !** *****!!!!*!*!!!*!*!!!!!!!***!*!!*!!!!!!!!!!!!!!!!!!!!*!!**!!!*! !!!******!*

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NTDB id 1306 DR RS10060 WP 027479822.1      EIIERPNGIFLVTGPTGSGKSFTCFSTLKRIAKPEKNTTTIEDPIEYEVPGIVQSQVNNSTGMTFARALRAFLRQDPDII   711
NTDB id 354485 EBI04 RS10310 WP 135257380.1 EVIQKPYGIFLITGPTGSGKSFTTFSILKRIATPDKNTQTIEDPVEYEIPGINQTQVNPQAGLTFARALRAFLRQDPDII   714
NTDB id 1028 TT RS08215 WP 011173991.1      EVISKPYGIFLITGPTGSGKSFTTFSILKRIATPDKNTQTIEDPVEYEIPGINQTQVNPQAGLTFARALRAFLRQDPDII   714
consensus                                   !*! *!*!!!!*!!!!!!!!!!!!*!!*!!!!!*!*!!!*!!!!!*!!!*!!!*!*!!!***!*!!!!!!!!!!!!!!!!!

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NTDB id 1306 DR RS10060 WP 027479822.1      FVGEIRDQETAKIAVEAALTGHMVLATLHTNDAPGAVTRLEEMGIENFNISAAVMGVLAQRLVRRVCSECKQPTNADPEV   791
NTDB id 354485 EBI04 RS10310 WP 135257380.1 MVGEIRDSETAKIATEAALTGHLVIATLHTNDAAQAITRLDEMGVELFNISAALIGVLSQRLVRRICDHCKVEVRPDPEV   794
NTDB id 1028 TT RS08215 WP 011173991.1      MVGEIRDSETAKIATEAALTGHLVIATLHTNDAAQAITRLDEMGVEPFNISAALIGVLSQRLVRRVCEHCKVEVKPDPET   794
consensus                                   *!!!!!!*!!!!!!*!!!!!!!*!*!!!!!!!!**!*!!!*!!!*! !!!!!!**!!!*!!!!!!*!**!!****!!!*

logo

NTDB id 1306 DR RS10060 WP 027479822.1      LRRLGISERDIRGANLMRGTGCPRCGGTGYKGRMGIHELMVMDDSLRRTIGAGRPAAEIRDVALGESGLRSLRQDGIEKA   871
NTDB id 354485 EBI04 RS10310 WP 135257380.1 LRRLGLSQEEIQGAKLYKGMGCERCGGTGYKGRYAIHELLVVDDEIRHAIVAGKSATEIKEIAR.KKGMKTLREDGIYKA   873
NTDB id 1028 TT RS08215 WP 011173991.1      LRRLGLSEAEIQGARLYKGMGCERCGGTGYKGRYAIHELLVVDDEIRHAIVAGKSATEIKEIAR.RKGMKTLREDGLYKA   873
consensus                                   !!!!!*!* *!*!!*!**!*!!*!!!!!!!!!!**!!!!*!*!!**!**!*!!**!*!!***!* **!***!!*!!**!!

logo

NTDB id 1306 DR RS10060 WP 027479822.1      LQGLTTLEEVLAVTAS   887
NTDB id 354485 EBI04 RS10310 WP 135257380.1 FQGITTLEEVLARTIE   889
NTDB id 1028 TT RS08215 WP 011173991.1      LQGITTLEEVLARTIE   889
consensus                                   *!!*!!!!!!!!*!**
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X non conserved

X similar

X ≥ 50% conserved