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logo
NTDB id 1028 TT RS08215 WP 011173991.1      MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVKALLPA   85
NTDB id 25876 DGEO RS03925 WP 011529412.1   .MALSIADRRLGAILLEQGYVTDTDLQKALVRHAEVGGRLADILIESGQVGEKRIARAIEEALGIPLVNLLVVTPDAAALAAIRA   84
NTDB id 1306 DR RS10060 WP 027479822.1      .MALSIGDRRLGAILLDQGYLGDNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLLAVQPDPAALRSIRP   84
consensus                                   **!*!*!*!!!!*!!**!***! *!!*!!*!! !!!!*!!**!***!***!*!!!**!!***!!!!!*!* ! ******* ***

logo
NTDB id 1028 TT RS08215 WP 011173991.1      EKAKELKAIPFALDEEAGVVRVAFLNPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPP..PPSGEGQKDLKL   168
NTDB id 25876 DGEO RS03925 WP 011529412.1   ETAKQMQAFPFALEG..QTLRVALVDPLSSVAIEALEDDSGLNIEPYQALRDQVLWSIATYYPELGLMPVLPEGAAGSSESGGKL   167
NTDB id 1306 DR RS10060 WP 027479822.1      QTALNLQAFPFALEG..DRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLEIVVPSGASDAGRTGGKL   167
consensus                                   **!****!*!!!!**    *!!!***!!******! *!!**!* *!!!!**** ***** !**!!!!!! **** **** * ***!!

logo
NTDB id 1028 TT RS08215 WP 011173991.1      GELLLQKGWISREALEEALVEQEKTGDLLGRILVRKG.LPEEALYRALAEQKGLEFLESTEGIVPDPSAALLLRSDALRYGAVP   252
NTDB id 25876 DGEO RS03925 WP 011529412.1   GQRLISRGLINEAQLQVALDVQQQTGEALGHILVTQGLLSEDQLYEVLAEQAGAVYLRNPRDFQPGEEVLGSLLRADALRLSAVP   252
NTDB id 1306 DR RS10060 WP 027479822.1      GERLITHGYITDAQLQVALDAQQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFHPGEEVLGSMLRADALRLLAVP   252
consensus                                   !**!***!*!****!**!!* !**!!**!! *!**** **!**!!**!!!! !  *! ** ** !********!!*!!!!* !!!

logo
NTDB id 1028 TT RS08215 WP 011173991.1      IGFQNGEVEVVLSDPRHKEAVAQLLNRPARFYLALPQAWEELFRRAYPQKNRLGEVLVQEGKLSREALKEALEVQKGLPRAKPLG   337
NTDB id 25876 DGEO RS03925 WP 011529412.1   VDETAQGVTVVVSDPRRRDELEALIGRPVQLVLARPGDVEALIERYYPQRGRLGEQMVQQGSLSRAQLREALQVQARGGKVKPLG   337
NTDB id 1306 DR RS10060 WP 027479822.1      VDETEQGVTVLTSDPRKRPDIDALIGRPVQLMLTRPRDIERLIEQFYPQRGRLGEQLVQEGTLSRDQLREALQVQAREGKVKPLG   337
consensus                                   **** **!*!**!!!!******!**!!***!**! **! !***!!!**!!!!**!!*!*!!!**!*!!!*!!** ***!!!!

logo
NTDB id 1028 TT RS08215 WP 011173991.1      EILVELGLARPEDVEEALQKQRRGGGRLEDTLVQSGKLRPEALAQAVATQLGYPYVDPEEDPPDPGAPLLLPEDLCRRYGVFPHR   422
NTDB id 25876 DGEO RS03925 WP 011529412.1   EVIVELGFARAEEIDAALQKQNAGGGRLEDTLVQSGKLSPEMLARSLAAQLGYEYLDPVQNPPDPQVALMIPEATARRYTVVPVR   422
NTDB id 1306 DR RS10060 WP 027479822.1      EVITELGFASPDEVDSALQKQNVGGGRLEDTLVQSGKLSPEMLARSLAAQLGYEFLDPIQNPPDPKVALMIPEATARRYVVVPVR   422
consensus                                   !***!!!*!****** !!!!!* !!!!!!!!!!!!!!!*!!*!!***!*!!!!***!!***!!!! **!**!!***!!! !*!*!

logo
NTDB id 1028 TT RS08215 WP 011173991.1      LEGNRLVLLMKDPRNILALDDVRLALKRKGLNYEVAPAVATEAAITKLIERFYGKAELSEIAKEFAKKQAEE......EVPSPLE   501
NTDB id 25876 DGEO RS03925 WP 011529412.1   LQGEALVVAMKDPRNVFALDDLKLITG.....REIVPAVMSEKDIVRLIERYFGNQDMANLNQRLAAESKTREARKEADLDFSAG   502
NTDB id 1306 DR RS10060 WP 027479822.1      LQGNSLVVAMKDPRNVFALDDLKLITG.....KEILPAVMAEKDIIRLIERYFGEKGFEKLNKELAERNKTQQSQ.EADLS...V   498
consensus                                   !*!* !!**!!!!!!**!!!!**!***     *!**!!!**!**!**!!!!**!  **  *****! ****     ****
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logo
NTDB id 1028 TT RS08215 WP 011173991.1      LDESAAQKFVKQVIREAFLQDASDIHIEPRQNDVQVRLRIDGALRPYSTLPKGALNAVISVVKIMGGLNIAEKRLPQDGRVRYRE   586
NTDB id 25876 DGEO RS03925 WP 011529412.1   LDDNAVVRVVDNLIREAALQEASDIHIEPTESAVRVRYRVDGALREQPELPKGSAQSILARIKIMGGLDIAERRVPQDGRIRFRK   587
NTDB id 1306 DR RS10060 WP 027479822.1      ADESAIVQVVDSIIREAALQDASDIHIETTEDAVKVRYRIDGALREQNSFPKGAAQQIMARLKIMGHLDIAERRVPQDGRVRFKK   583
consensus                                   *!**!****!***!!!!*!!*!!!!!!!*** *!*!!*!*!!!!!** **!!!*** *****!!!!*!*!!!*!*!!!!!*!***

logo
NTDB id 1028 TT RS08215 WP 011173991.1      GAIDVDLRLSTLPTVYGEKAVMRLLKKASDIPEIEDLGFAPGVFERFKEVISKPYGIFLITGPTGSGKSFTTFSILKRIATPDKN   671
NTDB id 25876 DGEO RS03925 WP 011529412.1   GSIDLDLRLSTLPTVYGEKAVMRLLQKAENIPEVEQLGFSEHNFGRYLEVIEKPNGIFLITGPTGSGKSFTSFSTLKRIARPEKN   672
NTDB id 1306 DR RS10060 WP 027479822.1      GSIDLDLRLSTLPTVYGEKAVMRLLQKASNIPELEQLGFSEYNYARYTEIIERPNGIFLVTGPTGSGKSFTCFSTLKRIAKPEKN   668
consensus                                   !*!!*!!!!!!!!!!!!!!!!!!!!!*!!**!!!*!*!!!** **!*!* !*!**!*!!!!*!!!!!!!!!!!!*!!*!!!!!*!*!!

logo
NTDB id 1028 TT RS08215 WP 011173991.1      TQTIEDPVEYEIPGINQTQVNPQAGLTFARALRAFLRQDPDIIMVGEIRDSETAKIATEAALTGHLVIATLHTNDAAQAITRLDE   756
NTDB id 25876 DGEO RS03925 WP 011529412.1   TTTIEDPIEYEIPGIVQSQVNVAAGMTFARALRAFLRQDPDIIFVGEIRDTETAKIATEAALTGHLVLATLHTNDAPGAITRLSE   757
NTDB id 1306 DR RS10060 WP 027479822.1      TTTIEDPIEYEVPGIVQSQVNNSTGMTFARALRAFLRQDPDIIFVGEIRDQETAKIAVEAALTGHMVLATLHTNDAPGAVTRLEE   753
consensus                                   !*!!!!!*!!!*!!!!*!*!!!  *!*!!!!!!!!!!!!!!!!!!!*!!!!!!*!!!!!!!*!!!!!!!!*!*!!!!!!!!!**!*!!!*!

logo
NTDB id 1028 TT RS08215 WP 011173991.1      MGVEPFNISAALIGVLSQRLVRRVCEHCKVEVKPDPETLRRLGLSEAEIQGARLYKGMGCERCGGTGYKGRYAIHELLVVDDEIR   841
NTDB id 25876 DGEO RS03925 WP 011529412.1   MGVEHFNISASVVGVLAQRLVRRVCTECKQPTNADPEVLRRLGLSEAEVRGATLMRGSGCPRCGGTGYKGRMGIHELMVIDDPLR   842
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 25876 DGEO RS03925 WP 011529412.1   RAIAAGRTATELRDVAMQESGMRTLRQDGIEKALAGLTTLEEVLAVTSS   891
NTDB id 1306 DR RS10060 WP 027479822.1      RTIGAGRPAAEIRDVALGESGLRSLRQDGIEKALQGLTTLEEVLAVTAS   887
consensus                                   **!*!!**!*!****!* **!***!!*!!**!!!*!*!!!!!!!!*! *
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X non conserved

X similar

X ≥ 50% conserved