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logo
NTDB id 1307 DR RS10055 WP 010888596.1      ..........MTSGIDITDILRLAADKGASDIILAAGLPPQFKLSGDYDAQGFEPLSASDTRKLMYSMMNERQQRIFEEK   70
NTDB id 1177 A1552VC RS01165 WP 000422572.1 ...............MELNQYLDGMLTHKASDLYITVGAPILYRVDGELRAQGEAL.SVADVTALLHAMMDDARQAEFKQT   65
NTDB id 150420 ACJ67 RS05045 WP 049638138.1 MESTQTVGDHAQTEKFVNDLLKLMITRKASDLFITAGFPPAMKIDGKLTPVSSQMLNTQQTAEIARTVMNDKQAQEFKET   80
NTDB id 1203 PSJM300 01605 AFN76401.1       ...............MEFEKLLRLMVEKGGSDLFITAGVPPSMKVNGKILPVNKTPMSPEMTRETVHGVMNEQQRREFTEN   66
NTDB id 1019 ACIAD RS04205 WP 004922051.1   ...............MDFNDLLNLMAKHKASDLFITAGVEPSLKINGEITPVSKTKLDGDMIAQLIDSITTQKQRQEFIET   66
consensus                                   ******!**** ***!!*****!*** *** !** **    **   *  ** *******  *! **

logo
NTDB id 1307 DR RS10055 WP 010888596.1      RELDFSFALGD.KARFRVNAFMQRGNVGGVMRLIPTTVRTIAEMGLPQTVIDIANAPRGLVLVTGPTGSGKSTTLASMID   149
NTDB id 1177 A1552VC RS01165 WP 000422572.1 REANFAVVRD..SGRFRVSAFFQRELPGAVIRRIETRIPTFEELKLPEVLQNLAIAKRGLVLVVGATGSGKSTTMAAMTG   143
NTDB id 150420 ACJ67 RS05045 WP 049638138.1 LECNFAISMPS.VGRFRVNAFIQRSAVGLVFRVINTNIPKFDDLKLPPILKDVVMAKRGLIIFVGGTGSGKSTSMAAMLG   159
NTDB id 1203 PSJM300 01605 AFN76401.1       HECNFAISARG.IGRFRVSAFYQRNLAGMVLRRIETNIPTIEDLKLPDVLKKLALTKRGLVLFVGATGTGKSTSLAAMIG   145
NTDB id 1019 ACIAD RS04205 WP 004922051.1   HECNFAILNREKNERFRVSAFQQRDMPGMVIRRIETKIPSPDDLHLPPILKELAMSKRGIIIFSGATGTGKSTSLASMIQ   146
consensus                                    !**!**      *!!!!*!! !! * !*!*!*!*! *** *****!! ********!!*****!*!!*!!!!**!*!**

logo
NTDB id 1307 DR RS10055 WP 010888596.1      HINTTKKLHILTIEDPIEFMHPNKASIINQREVGSDTLSFDDALRAALRQAPDVILVGEMRDYETIKAAVTAAETGHLVM   229
NTDB id 1177 A1552VC RS01165 WP 000422572.1 YRNQHRTGHILTVEDPIEFVHEHKRCIVTQREVGLDTESYEVALKNSLRQAPDMILIGEIRSRETMEYAMTFAETGHLCM   223
NTDB id 150420 ACJ67 RS05045 WP 049638138.1 HRNESSYGHIITIEDPVEFIHGHKNCIVTQREVGVDTESWHAALKNTLRQAPDVIMIGEIRDRETMDYAIAFSETGHLCL   239
NTDB id 1203 PSJM300 01605 AFN76401.1       YRNKNSSGHIISIEDPIEFIHQHQNCIVTQREVGIDTDSFEVALKNTLRQAPDVILIGEVRTRETMDHAVAFAETGHLCL   225
NTDB id 1019 ACIAD RS04205 WP 004922051.1   HRNQHSKGHIITIEDPIEFIHEHAGCIITQREVGIDTDSFEIALKNTLRQAPDVILIGEIRSREVMDYALAFAETGHLVF   226
consensus                                   **!  * *!!***!!!*!!*! ** *!**!!!!!*!!*!***!!***!!!!!!*!**!!*!**!****!****!!!!**

logo
NTDB id 1307 DR RS10055 WP 010888596.1      GTLHTNSAPESIDRIVDVFPEEQQEQIRVQLANNLVAVMTQQLLPRADGQGRVLAYEILLANPAVRALIREGKTFQITSV   309
NTDB id 1177 A1552VC RS01165 WP 000422572.1 ATLHANNANQALERILHLVPKEQREQFLLDLSLNLKGVIAQQLLRDKNGKGRHGVFEVLLNSPRIADLIRRGELHELKAT   303
NTDB id 150420 ACJ67 RS05045 WP 049638138.1 ATLHANSTNQALDRIINFFPEERRQQLLMDLSLNLRCIASQRLIPKLDSSGRVAAVEVLLHSPLISDLIYKGDVHAIKEI   319
NTDB id 1203 PSJM300 01605 AFN76401.1       ATLHANNANQALDRIINFFPADRQNQVWMDLSLNLKAIVAQQLVPTPDGKGRRAVIEVLINTPLAADLIRKGEVHELKGL   305
NTDB id 1019 ACIAD RS04205 WP 004922051.1   ATLHANNANQTLERIIHFFDADRHQQIFMDLSLNLKAVISQQLIPTHDGQSRRAAVEVLINTPLLSDYIRQGEIYKIKEL   306
consensus                                   *!!!!*!******!!!*  ***  **  *!* **!**!!****!*!**   ** *!  ***!*!***!** **!**!***  ** *

logo
NTDB id 1307 DR RS10055 WP 010888596.1      MQTGAREGMVTMDAYLAGLFRRHLITYDKGLERAIDPKEFARLANDASAGLGGASMTPAAPPVPAYN..SASSSSTGRGG   387
NTDB id 1177 A1552VC RS01165 WP 000422572.1 MARSQEVGMQTFDQALYQLVVDDKISEQDALHSADSANDLRLMLKTK.RGDD.......YGSGSLQNVKIDME......   368
NTDB id 150420 ACJ67 RS05045 WP 049638138.1 MAKSRELGMQTFDQALFDLFESGQISYDDALRNADSVNDLRLKFKLN.SKLMN....PENQERGQISNLDIL.......   386
NTDB id 1203 PSJM300 01605 AFN76401.1       MKRSTDLGMQTFDQALYNLYVQGEITYEDALLHADSSNDLRLMIKLG.SETDG....EHLTSV.S.QGLTLEMSDDDPGR   378
NTDB id 1019 ACIAD RS04205 WP 004922051.1   MARSGELGMQTFDQALFDLYDHQHISYADALKHADSPNNLRLQIKLS.EEANK....PLDNRE.RMSEMERKMTFDGQRR   380
consensus                                   !***  **!!*!*!**!* !*    !*****!  !** *********           *        ** * * **
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logo
                                                  SFR
                                                  NLGRGAAAPATPAAPAAGRSEPGRAGGFGRR
NTDB id 1307 DR RS10055 WP 010888596.1            DFGRGAAAPATPAAPAAGRSEPGRAGGFGRR   418
NTDB id 1177 A1552VC RS01165 WP 000422572.1       ..............................   368
NTDB id 150420 ACJ67 RS05045 WP 049638138.1       ..............................   386
NTDB id 1203 PSJM300 01605 AFN76401.1             SFR...........................   381
NTDB id 1019 ACIAD RS04205 WP 004922051.1         NLK...........................   383
consensus
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X non conserved

X similar

X $\geq$ 50% conserved