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logo

NTDB id 143868 WV34 RS05910 WP 088612554.1  MGVEFLVGRSGSGKTRLIIDSIQEELRREPFGKPIIFLVPDQMTFLMEYELAKTPDIGGMIRAQVFSFSRLAWRVLQHTGGMNRP   85
NTDB id 120 BSU 10620 NP 388943.2           MGAEFLVGRSGSGKTKLIINSIQDELRRAPFGKPIIFLVPDQMTFLMEYELAKTPDMGGMIRAQVFSFSRLAWRVLQHTGGMSRP   85
consensus                                   !! !!!!!!!!!!!!*!!! !!!*!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!  !!

logo

NTDB id 143868 WV34 RS05910 WP 088612554.1  FVTTTGVQMLLRKLIEEHKHDFKVYQKASDKTGFTEQVERMLTEFKRYCIEPEDVRRMAESGTASEYRGERMLSEKLHDLGILYQ   170
NTDB id 120 BSU 10620 NP 388943.2           FLTSTGVQMLLRKLIEEHKQEFKVYQKASDKSGFTAQVERMLTEFKRYCLEPEDIRRMAESGTASEYRGERVLSEKLHDLSILYQ   170
consensus                                   !*!*!!!!!!!!!!!!!!!!**!!!!!!!!!!*!!! !!!!!!!!!!!!!!*!!!!*!!!!!!!!!!!!!!!!!!*!!!!!!!!! !!!!

logo

NTDB id 143868 WV34 RS05910 WP 088612554.1  QMERSLAGHYLHSEDYLTLLAQQIPLADVIKGARVYVDGFYQFTPQELRVLEQLIMHAEHVTFSLTADSPSAEQAPDELDLFRMT   255
NTDB id 120 BSU 10620 NP 388943.2           QMEKSLADQYLHSEDYLTLLAEHIPLAEDIKGAHIYVDGFYQFTPQEFRVLEQLMVHAEHITFSLTADKPSYEREPHELELFRMT   255
consensus                                   !!!*!!!! *!!!!!!!!!!!!! *!!!!* !!!!**!!!!!!!!!!!!! !!!!!!**!!!!*!!!!!!! !! !  !*!!*!!!!!

logo

NTDB id 143868 WV34 RS05910 WP 088612554.1  GSTYYKLYQTAKELNLDITYKELSGTKRHTKVPELAHLESQYEVRPAIVYTGKQEALTVMQAQNRRAELEGIAREIQSLVRDRGY   340
NTDB id 120 BSU 10620 NP 388943.2           GKTYYRLHQKAKELNLDITYKELSGTERHTKTPELAHLEAQYEARPAIPYAEKQEALTVMQAANRRAELEGIAREIHALVREKGY   340
consensus                                   ! !!!*!*! !!!!! !!**!!!*!! !! * !!!! *! !!* !!! *!   !!! !!*!! !!!!!!!!!!!!!* !!!**!!

logo

NTDB id 143868 WV34 RS05910 WP 088612554.1  RYRDMAILIRQPEDYKDLLKEVFADYGLPYFIDGKASMQHHPLIEFIRSSLDVVKGNWRYEAVFRCAKTELLFPLDQPEQKIREQ   425
NTDB id 120 BSU 10620 NP 388943.2           RYKDVAILARQPEDYKDMVKEVFADYEIPYFIDGKASMLNHPLIEFIRSSLDVLKGNWRYEAVFRCVKTELLFPLNEPKAKVREQ   425
consensus                                   !!*!*!!! !!!!!!!!**!!!!!!! *!!!!!!!!!! *!!!!!!!!!!!!!*!!!!!!!!!!! !!!!!!!!   !   !*!!!

logo

NTDB id 143868 WV34 RS05910 WP 088612554.1  VDQLENYCIAYGIKGERWTNGERFVYRRFVSLDEDFAQTDQEIEMEHMLNETREWMAEPLIRFQNQLKKAKTVQSMAEALYRYLE   510
NTDB id 120 BSU 10620 NP 388943.2           VDQLENYCIAYGIKGDRWTKGDRFQYRRFVSLDDDFAQTDQEIEMENMLNDTRDWIVPPLFQLQKRMKKAKTVQEKAEALYRYLE   510
consensus                                   !!!!!!!!!!!!!!!*!!!  !*!! !!!!!!!!*!!!!!!!!!!!!*!!!*!!*!* *!!   !  *!!!!!!!  !!!!! *!!

logo

NTDB id 143868 WV34 RS05910 WP 088612554.1  DTDVPLKLDRKRQQAEEAGNMIEAQQHGQAWDAVIQLLEEFAGMMGEDEMSLALFQQMLETGTESLHFSLIPPALDQVFVGNMDL   595
NTDB id 120 BSU 10620 NP 388943.2           ETDVPLKLDQERQRAEDDGRIIEAQQHQQAWDAVIQLLEEFVEMMGDDEISLDLFQQMIEAGAESLTFSLIPPALDQVFVGNMDL   595
consensus                                   *!!!!!!!!  !! !!* ! *!!!!!! !!!!!!!!!!!!!  !!!*!!*!! !!!!!*! ! !!!*!!!!!!!!!!!!!!!!!!!
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logo

NTDB id 143868 WV34 RS05910 WP 088612554.1  SRMYGTSCTFVIGANDGVLPARPDENGVLSDDDREWLKAVGVELSSAGRERLLDEHFLIYMALSSPSDRLYVTYPIADAEGKTLL   680
NTDB id 120 BSU 10620 NP 388943.2           SRMYGTSCTFVLGANDGVLPARPDENGVLSDDDREWLKTIGVELSSGGRERLLDEHFLIYMAFSSPSDRLYVSYPIADAEGKTLL   680
consensus                                   !!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!  *!!!!!!*!!!!!!!!!!!!!!!!  !!!!!!!!!!*!!!!!!!!!!!!!

logo

NTDB id 143868 WV34 RS05910 WP 088612554.1  PSIVVNRLGELFPDHQEKLSAADPEQVSEEEQLQYLVNKQVAQTYTASQLRLWTREYEISDVWWSAYNVLMKEPDPERAKKLFSS   765
NTDB id 120 BSU 10620 NP 388943.2           PSMIVKRLEELFPHHKERLLTNEPEQVSDEEQLMYVVNKSVAQSFTASQLRLWTREYDISDVWWSTYNVLMSEQDRLQSKKLFSS   765
consensus                                   !!**! !! !!!!*! !*!   *!!!!!*!!!! !*!!! !!!**!!!!!!!!!!!!*!!!!!!! !!!!! !*!*   !!!!!!

logo

NTDB id 143868 WV34 RS05910 WP 088612554.1  LFFRNEAKRLERPVSRQLYGEHIKGSVSRMEAFNACQFSHFASHGLQLKERQFFKLEAPDIGQLFHSSLKLISDRLREQKLEWRD   850
NTDB id 120 BSU 10620 NP 388943.2           LFFRNEVKQLERSVSRQLYGERIQGSVSRMETFNACPFSHFASHGLHLKERQFFKLEAPDIGQLFHSSLKLISDRLREQKLDWRD   850
consensus                                   !!!!!! ! !!!*!!!!!!!*! !!!!!!! !!!!*!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!

logo

NTDB id 143868 WV34 RS05910 WP 088612554.1  LTKDQCRNFSYEAVERLAPRLQKEILLSSNRHFYVKEKLQKIVTRVSGILSEHAKASGFVPIGLELGFGGSGPLPPLTFTLKNGC   935
NTDB id 120 BSU 10620 NP 388943.2           LTKEQCELFSYDAVERLAPKLQKEILLSSNRHYYVKEKLQKIVTRVSGILSEHAKASGFVPIGLELGFGGKGPLPPLTFQLKNGC   935
consensus                                   !!!*!!  !!!*!!!!!!!*!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 143868 WV34 RS05910 WP 088612554.1  TMELVGRIDRVDKAESSKGLLLRIVDYKSSDKGLDLAEVYYGLALQMLTYLDLSITHSADWLGMKATPAGVLYFHIHDPMIQASL  1020
NTDB id 120 BSU 10620 NP 388943.2           TMELVGRIDRVDKAESSKGLLLRIVDYKSSDKGLDLAEVYYGLALQMLTYLDLSITHSADWLGMRATPAGVLYFHIHDPMIQSNL  1020
consensus                                   !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 143868 WV34 RS05910 WP 088612554.1  PMELDEIEQEIFKKFKMKGLLLGDREAISLMDTTLEEGRSNIINAGLKKDGSLRSDSAAVSERDFHLLTDHVRRTFEQAGEAITD  1105
NTDB id 120 BSU 10620 NP 388943.2           PLGLDEIEQEIFKKFKMKGLLLGDQEVVRLMDTTLQEGRSNIINAGLKKDGSLRSDSAAVGEKEFDLLTKHVRRTFQEAGEQITD  1105
consensus                                   !* !!!!!!!!!!!!!!!!!!!!! ! * !!!!!! !!!!!!!!!!!!!!!!!!!!!!!!! !**!*!!! !!!!!!   !!! !!!

logo

NTDB id 143868 WV34 RS05910 WP 088612554.1  GLVSITPYKLKDKTPCTYCAFKSVCQFDESLKENEYRSLKAEKDGTILDWLKKEADDDANS  1166
NTDB id 120 BSU 10620 NP 388943.2           GRVSIEPYKMKNKTPCTYCAFKSVCQFDESLEENEYRPLKAEKDKTILEWIKKEADGNEHS  1166
consensus                                   ! !!! !!!*! !!!!!!!!!!!!!!!!!!!!! !!!!!*!!!!!! !!!*!*!!!!!!    *!
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X non conserved
X similar
X $\geq$ 50% conserved