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logo
NTDB id 972762 WNC56 RS05545 WP 406846089.1  MEIQLLAGRSGSGKTTAILEEIKEQLRLDPLGPPIIFLVPDQMTFLMEYELAKTSEAGGMIRAKVFSFTRLAWSILQQTG   80
NTDB id 120 BSU 10620 NP 388943.2            MGAEFLVGRSGSGKTKLIINSIQDELRRAPFGKPIIFLVPDQMTFLMEYELAKTPDMGGMIRAQVFSFSRLAWRVLQHTG   80
consensus                                    !    ! !!!!!!!!  !*  ! * !!  ! !*!!!!!!!!!!!!!!!!!!!!!** !!!!!! !!!!*!!!! *!!*!!

logo
NTDB id 972762 WNC56 RS05545 WP 406846089.1  GANRQFVTSTGIQMLLRKVIEEEKEKFKVFKKASDKPGFVEQIEKTMAEFKRYCMLPEDIEKISLSSMHSEYTEERRAAE  160
NTDB id 120 BSU 10620 NP 388943.2            GMSRPFLTSTGVQMLLRKLIEEHKQEFKVYQKASDKSGFTAQVERMLTEFKRYCLEPEDIRRMAESGTASEYRGERVLSE  160
consensus                                    !  !*!*!!!!*!!!!!!*!!!!*!  !!!* !!!!!*!!  !*!* * !!!!!!* !!!! **  !  *!!!  !!   !

logo
NTDB id 972762 WNC56 RS05545 WP 406846089.1  KLHDLHVLYQQMEQHLQDEYVHSEDYLTLLTQQIPLSEEIKGAHIYIDGFYQFTPQQLLVIEQLLLHAEKITAAFTVDRS  240
NTDB id 120 BSU 10620 NP 388943.2            KLHDLSILYQQMEKSLADQYLHSEDYLTLLAEHIPLAEDIKGAHIYVDGFYQFTPQEFRVLEQLMVHAEHITFSLTADKP  240
consensus                                    !!!!!**!!!!!! *! ! !*!!!!!!!!!  *!!! !*!!!!!!!*!!!!!!!!!   !*!!!**!!!*!!   ! !**

logo
NTDB id 972762 WNC56 RS05545 WP 406846089.1  YHDKQPNELDLFRMTGKTYFQLYQLAKECGAAISEHILERNKRHLHTPDLAYLERQYEQRPVQPYQEVTPHLTVSKSASK  320
NTDB id 120 BSU 10620 NP 388943.2            SYEREPHELELFRMTGKTYYRLHQKAKELNLDITYKELSGTERHTKTPELAHLEAQYEARPAIPYAEKQEALTVMQAANR  320
consensus                                     *** !*!!*!!!!!!!!!* !*! !!!*   !* * !    !! *!!*!!*!! !!! !!  !! !  **!!!   ! *

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NTDB id 972762 WNC56 RS05545 WP 406846089.1  RAEIEGVAREILHLVREEGLRLRDISIVARHVDDYKDTLKEVFRDYDIPFFIDGNESMQYHPLIELIRSSMDVIKGNWRY  400
NTDB id 120 BSU 10620 NP 388943.2            RAELEGIAREIHALVREKGYRYKDVAILARQPEDYKDMVKEVFADYEIPYFIDGKASMLNHPLIEFIRSSLDVLKGNWRY  400
consensus                                    !!!*!!*!!!!**!!!! !  ! *!* !*!!***!!!! *!!!! !!*!!*!!!!  !!  !!!!! !!!!*!!*!!!!!!

logo
NTDB id 972762 WNC56 RS05545 WP 406846089.1  EAVFRCVKTEFLFPLELARNKAREQADQLENYCIAYGYKGERWTNGSRFHYRRFQSLDEDFGQTDQEIEMEQMLNDVKEW  480
NTDB id 120 BSU 10620 NP 388943.2            EAVFRCVKTELLFPLNEPKAKVREQVDQLENYCIAYGIKGDRWTKGDRFQYRRFVSLDDDFAQTDQEIEMENMLNDTRDW  480
consensus                                    !!!!!!!!!! !!!!  ** ! !!! !!!!!!!!!!*!!*!!! ! !!*!!!! !!!*!!*!!!!!!!!!*!!!! **!

logo
NTDB id 972762 WNC56 RS05545 WP 406846089.1  IAPPLFQLQKRLKKAQKVKDMVEAVYVFLEEIQVPDKLEKARLEAEEAGRLAEAMQHGQVWDAVIQLMDEFVEMLGEEEL  560
NTDB id 120 BSU 10620 NP 388943.2            IVPPLFQLQKRMKKAKTVQEKAEALYRYLEETDVPLKLDQERQRAEDDGRIIEAQQHQQAWDAVIQLLEEFVEMMGDDEI  560
consensus                                    ! !!!!!!!!!*!!!  ! *  !!*! *!!!  !! !!*  !  !!* !!* !! !! ! !!!!!!!**!!!!!*!**!*
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logo
NTDB id 972762 WNC56 RS05545 WP 406846089.1  SFPLFQQMMDTGLASLKFALIPPSLDQVFIGSMDLSRMYQVKCMFIIGVNDGVIPARPSDESVLSEDDREWLKRAGAELA   640
NTDB id 120 BSU 10620 NP 388943.2            SLDLFQQMIEAGAESLTFSLIPPALDQVFVGNMDLSRMYGTSCTFVLGANDGVLPARPDENGVLSDDDREWLKTIGVELS   640
consensus                                    ! *!!!!!** !  !! ! !!!! !!!!!*! !!!!!!!   ! !**! !!!!*!!!! *  !!!*!!!!!!!  ! !!

logo
NTDB id 972762 WNC56 RS05545 WP 406846089.1  ETGKERLLDEQFLIYQALSSPSHHLYLSYSVSDEEGRSLLPSTLIKYCQELMPNHEHALYVLDPEQLDDKEQLKFVANEH   720
NTDB id 120 BSU 10620 NP 388943.2            SGGRERLLDEHFLIYMAFSSPSDRLYVSYPIADAEGKTLLPSMIVKRLEELFPHHKERLLTNEPEQVSDEEQLMYVVNKS   720
consensus                                     !*!!!!!!*!!!! ! !!!!**!*!** ! !!**!!!! **! * !! !*! * !   *!!!* ! !!! *! ! *

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NTDB id 972762 WNC56 RS05545 WP 406846089.1  VSLSYTVSQLQQWLNQYPISGVWWSVYNYLMTSSHRDVSKNILSSLFFTNRAKRLKPNVTKELYGDHIQGSVSRMEKFNA   800
NTDB id 120 BSU 10620 NP 388943.2            VAQSFTASQLRLWTREYDISDVWWSTYNVLMSEQDRLQSKKLFSSLFFRNEVKQLERSVSRQLYGERIQGSVSRMETFNA   800
consensus                                    !  !*! !!!  !   !*!! !!!! !! !!*  *!  !! * !!!!! !  ! ! * !** !!!**!!!!!!!!! !!!

logo
NTDB id 972762 WNC56 RS05545 WP 406846089.1  CAFSHFASHGLKLKDRQFYKLEAPDIGQLFHSALKHISDTLVEQKKDWKNLTKDDCVNYSRHAIEQLAPRLQKEILLSSN   880
NTDB id 120 BSU 10620 NP 388943.2            CPFSHFASHGLHLKERQFFKLEAPDIGQLFHSSLKLISDRLREQKLDWRDLTKEQCELFSYDAVERLAPKLQKEILLSSN   880
consensus                                    !*!!!!!!!!!*!!*!!!*!!!!!!!!!!!!! !!*!!! ! !!! !!* !!!* !  *! *!*! !!!*!!!!!!!!!!

logo
NTDB id 972762 WNC56 RS05545 WP 406846089.1  RHAYIKEKLQKILIRVSSILSEHARVSGFSPVGLELGFGGQGPLPPFTFQLKNGCTMELVGRIDRVDKAEGSKGLLLRIV   960
NTDB id 120 BSU 10620 NP 388943.2            RHYYVKEKLQKIVTRVSGILSEHAKASGFVPIGLELGFGGKGPLPPLTFQLKNGCTMELVGRIDRVDKAESSKGLLLRIV   960
consensus                                    !! !*!!!!!!!* !!! !!!!!!* !!! !*!!!!!!! !!!!! !!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!

logo
NTDB id 972762 WNC56 RS05545 WP 406846089.1  DYKSSEKGLDLAEVYYGLALQMLTYLDLTITYSKEWLGVEATPAGILYFHIHDPLIQAPIPLAEDEIEQEIFKKFKMKGL  1040
NTDB id 120 BSU 10620 NP 388943.2            DYKSSDKGLDLAEVYYGLALQMLTYLDLSITHSADWLGMRATPAGVLYFHIHDPMIQSNLPLGLDEIEQEIFKKFKMKGL  1040
consensus                                    !!!!!*!!!!!!!!!!!!!!!!!!!!!!!!*!!*! *!!!* !!!!!*!!!!!!!!*!! **!!* !!!!!!!!!!!!!!!!

logo
NTDB id 972762 WNC56 RS05545 WP 406846089.1  LLEDVEAVKLMDQTLESGRSQVIQAGLKKDGSFRSDSAVLSEDHFHILTQHVRRTFEEAGERITNGEVAINPYKLKDQTP  1120
NTDB id 120 BSU 10620 NP 388943.2            LLGDQEVVRLMDTTLQEGRSNIINAGLKKDGSLRSDSAAVGEKEFDLLTKHVRRTFQEAGEQITDGRVSIEPYKMKNKTP  1120
consensus                                    !! ! ! !*!!! !!  !!!**!*!!!!!!!! !!!!! * ! *!**!! !!!!!! !!!! !! ! ! ! !!!*!  !!
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logo

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NTDB id 972762 WNC56 RS05545 WP 406846089.1  CRFCSFKSICQFDESIEDNEFRVLSSEKDDVVIDRIKKEGDQYANTKTE  1169
NTDB id 120 BSU 10620 NP 388943.2            CTYCAFKSVCQFDESLEENEYRPLKAEKDKTILEWIKKEADGNEHS...  1166
consensus                                    ! *! !!!*!!!!!!*!*!!*!*!  !!!   *** !!!!*!    *****
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X non conserved

X similar

X $\geq$ 50% conserved