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logo
NTDB id 366929 FED49 RS05580 WP 129548220.1  MEIQFLAGRSGSGKTTAILEEIKEQLRLDPLGPPIIFLVPDQMTFLMEYELAKTSEAGGMIRAKVFSFTRLAWSILQQTG   80
NTDB id 120 BSU 10620 NP 388943.2            MGAEFLVGRSGSGKTKLIINSIQDELRRAPFGKPIIFLVPDQMTFLMEYELAKTPDMGGMIRAQVFSFSRLAWRVLQHTG   80
consensus                                    !   !! !!!!!!!!  !*  ! * !!  ! !*!!!!!!!!!!!!!!!!!!!!** !!!!!! !!!!*!!!! *!!*!!

logo
NTDB id 366929 FED49 RS05580 WP 129548220.1  GANRQFVTSTGIQMLLRKVIEEQKDKFKVFKKASDKPGFVEQIEKTMAEFKRYCMMPEDIEKISASSMHSEYTEERRAAE  160
NTDB id 120 BSU 10620 NP 388943.2            GMSRPFLTSTGVQMLLRKLIEEHKQEFKVYQKASDKSGFTAQVERMLTEFKRYCLEPEDIRRMAESGTASEYRGERVLSE  160
consensus                                    !  !*!*!!!!*!!!!!!*!!!!*!  !!!* !!!!!*!!  !*!* * !!!!!!* !!!! **  !  *!!!  !!   !

logo
NTDB id 366929 FED49 RS05580 WP 129548220.1  KLHDLHVLYQQMEQHLQDEYVHSEDYLTLLAQQIPLSEELRGAHIYIDGFYQFTPQQLLVIEQLLLHAEKITAAFTVDRS  240
NTDB id 120 BSU 10620 NP 388943.2            KLHDLSILYQQMEKSLADQYLHSEDYLTLLAEHIPLAEDIKGAHIYVDGFYQFTPQEFRVLEQLMVHAEHITFSLTADKP  240
consensus                                    !!!!!**!!!!!! *! ! !*!!!!!!!!!! *!!! !***!!!!!*!!!!!!!!!   !*!!!**!!!*!!   ! !**

logo
NTDB id 366929 FED49 RS05580 WP 129548220.1  YHDTQPNELDLFRMTGKTYSQLYQLAKECGAVISENILERNKRHLHTPDLAYLENQYEQRPLRPYQEETPHLTVSKSANK  320
NTDB id 120 BSU 10620 NP 388943.2            SYEREPHELELFRMTGKTYYRLHQKAKELNLDITYKELSGTERHTKTPELAHLEAQYEARPAIPYAEKQEALTVMQAANR  320
consensus                                     **  !*!!*!!!!!!!!!  !*! !!!*  !*   !   !! *!!*!!*!! !!! !!  !! !  **!!!   !!*

logo
NTDB id 366929 FED49 RS05580 WP 129548220.1  RAEIEGVARDILDLVREEGLRLRDISIVARHVDDYKDTLKEVFRDYDIPFFIDGNESMQYHPLIEFIRSSLDVIKGNWRY  400
NTDB id 120 BSU 10620 NP 388943.2            RAELEGIAREIHALVREKGYRYKDVAILARQPEDYKDMVKEVFADYEIPYFIDGKASMLNHPLIEFIRSSLDVLKGNWRY  400
consensus                                    !!!*!!*!!*!* !!!! !  ! *!* !*!!***!!!! *!!!! !!*!!*!!!!  !!  !!!!!!!!!!!!!*!!!!!!

logo
NTDB id 366929 FED49 RS05580 WP 129548220.1  EAVFRCVKTEFLFPLELAKNKAREQADQLENYCIAYGYKGERWTNGSRFHYRRFQSLDEDFGQTDQEIEMEQMLNDVKEW  480
NTDB id 120 BSU 10620 NP 388943.2            EAVFRCVKTELLFPLNEPKAKVREQVDQLENYCIAYGIKGDRWTKGDRFQYRRFVSLDDDFAQTDQEIEMENMLNDTRDW  480
consensus                                    !!!!!!!!!!  !!!!   *! ! !!!  !!!!!!!!!!!*!!*!!!  !  !!*!!!!  !!!*!!*!!!!!!!!!*!!!!  **!

logo
NTDB id 366929 FED49 RS05580 WP 129548220.1  IVPPLFQLQKRLKKAQKLRDMVEAVYVFLEEAQVPEKLEKARLEAEEAGRLAEAMQHGQVWDAVVQLMDEFVEMLGEEEL  560
NTDB id 120 BSU 10620 NP 388943.2            IVPPLFQLQKRMKKAKTVQEKAEALYRYLEETDVPLKLDQERQRAEDDGRIIEAQQHQQAWDAVIQLLEEFVEMMGDDEI  560
consensus                                    !!!!!!!!!!!*!!!!   * *  !!*! *!!!  !! !!*  !  !!* !!* !! !! ! !!!!*!!**!!!!!*!**!*
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logo

NTDB id 366929 FED49 RS05580 WP 129548220.1  SFPLFQQMIDTGLSSLKFALIPPSLDQVFIGSMDLSRMYQVKCTFVIGVNDGVIPARPSDESVLSEDDREWLKRAGAELA   640
NTDB id 120 BSU 10620 NP 388943.2            SLDLFQQMIEAGAESLTFSLIPPALDQVFVGNMDLSRMYGTSCTFVLGANDGVLPARPDENGVLSDDDREWLKTIGVELS   640
consensus                                    ! *!!!!!!* !  !! ! !!!! !!!!!*! !!!!!!!   !!!!*! !!!!*!!!! *  !!!*!!!!!!!  ! !!

logo

NTDB id 366929 FED49 RS05580 WP 129548220.1  ETGKERLLDEQFLIYQALSSPSHYLYLSYSASDTEGRSLLPSTLIKYCEELMPNHQQALYVLDPEQLDDQEQLKFVTNEH   720
NTDB id 120 BSU 10620 NP 388943.2            SGGRERLLDEHFLIYMAFSSPSDRLYVSYPIADAEGKTLLPSMIVKRLEELFPHHKERLLTNEPEQVSDEEQLMYVVNKS   720
consensus                                     !*!!!!!!*!!!! ! !!!!* !!*!!*  ! !!**!!!! **! *!!! !*!   !   *!!!* ! !!! *! ! *

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NTDB id 366929 FED49 RS05580 WP 129548220.1  VSLSYTVSQLQQWLNQYPISGVWWSVYNHLMTSSNRDVSKKIMSSLFFTNRAKRLKPNVTKELYGDHIQGSVSRMEKFNA   800
NTDB id 120 BSU 10620 NP 388943.2            VAQSFTASQLRLWTREYDISDVWWSTYNVLMSEQDRLQSKKLFSSLFFRNEVKQLERSVSRQLYGERIQGSVSRMETFNA   800
consensus                                    !  !*! !!!  !   !*!! !!!! !!*!!*  !  !!!* !!!!! !  !  ! * !** !!!**!!!!!!!!! !!!

logo

NTDB id 366929 FED49 RS05580 WP 129548220.1  CAFSHFASHGLKLKDRQFYKLEAPDIGQLFHSALKLISDTLVEQKKDWKNLTKEDCVTYSRHAIEQLAPRLQKEILLSSN   880
NTDB id 120 BSU 10620 NP 388943.2            CPFSHFASHGLHLKERQFFKLEAPDIGQLFHSSLKLISDRLREQKLDWRDLTKEQCELFSYDAVERLAPKLQKEILLSSN   880
consensus                                    !*!!!!!!!!!*!!*!!!*!!!!!!!!!!!!! !!!!!! ! !!! !!* !!!! !  *! *!*! !!!*!!!!!!!!!!

logo

NTDB id 366929 FED49 RS05580 WP 129548220.1  RHAYIKEKLQKILIRVSSILSEHAKVSGFSPVGLELGFGGQGPLPPFTFQLKNGCTMELVGRIDRVDKAEGSKGLLLRIV   960
NTDB id 120 BSU 10620 NP 388943.2            RHYYVKEKLQKIVTRVSGILSEHAKASGFVPIGLELGFGGKGPLPPLTFQLKNGCTMELVGRIDRVDKAESSKGLLLRIV   960
consensus                                    !! !*!!!!!!!* !!! !!!!!!! !!! !*!!!!!!! !!!!! !!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!

logo

NTDB id 366929 FED49 RS05580 WP 129548220.1  DYKSSEKGLDLAEVYYGLALQMLTYLDLTITYSKEWLGMEATPAGILYFHIHDPLIQAPIPLAEDAIEQEILKKFKMKGL  1040
NTDB id 120 BSU 10620 NP 388943.2            DYKSSDKGLDLAEVYYGLALQMLTYLDLSITHSADWLGMRATPAGVLYFHIHDPMIQSNLPLGLDEIEQEIFKKFKMKGL  1040
consensus                                    !!!!!*!!!!!!!!!!!!!!!!!!!!!!!!*!!*! *!!!! !!!!!*!!!!!!!!*!! **!!* ! !!!!! !!!!!!!!

logo

NTDB id 366929 FED49 RS05580 WP 129548220.1  LLEDVEAVKLMDQTLESGRSQVIQAGLKKDGSFRSDSAVLSEDHFHILTKHVRRTFEEAGERITSGEVEINPYKLKDQTP  1120
NTDB id 120 BSU 10620 NP 388943.2            LLGDQEVVRLMDTTLQEGRSNIINAGLKKDGSLRSDSAAVGEKEFDLLTKHVRRTFQEAGEQITDGRVSIEPYKMKNKTP  1120
consensus                                    !! ! ! !*!!! !!  !!!**!*!!!!!!!! !!!!! * ! *!**!!!!!!!!! !!!! !! ! ! ! !!!*!  !!
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logo

NTDB id 366929 FED49 RS05580 WP 129548220.1  CRFCSFKSICQFDESIEDNEFRVLTSEKDDVMLDRIKKEGDQYANTKTE  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