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logo

NTDB id 1013377 ABVJ71 RS06645 WP 353856184.1  MEIQFLAGRSGSGKTTAIVEEIKEQLRLDPLGHPIIFLVPDQMTFLMEYELAKTSEAGGMIRAKVFSFTRLAWSILQQTG   80
NTDB id 120 BSU 10620 NP 388943.2              MGAEFLVGRSGSGKTKLIINSIQDELRRAPFGKPIIFLVPDQMTFLMEYELAKTPDMGGMIRAQVFSFSRLAWRVLQHTG   80
consensus                                      !   !! !!!!!!!!  !*  ! * !!  ! !*!!!!!!!!!!!!!!!!!!!!** !!!!!! !!!!*!!!! *!!*!!

logo

NTDB id 1013377 ABVJ71 RS06645 WP 353856184.1  GANRQFVTSTGIQMLLRKVIEEHKESFKVFKKASDKPGFVEQIEKTMAEFKRYCMMPEDVERIATSSIHSEYTEERRAAE  160
NTDB id 120 BSU 10620 NP 388943.2              GMSRPFLTSTGVQMLLRKLIEEHKQEFKVYQKASDKSGFTAQVERMLTEFKRYCLEPEDIRRMAESGTASEYRGERVLSE  160
consensus                                      !  !*!*!!!!*!!!!!!*!!!!!  !!!* !!!!!*!!  !*!* * !!!!!!* !!!* !*! !  *!!!  !!   !

logo

NTDB id 1013377 ABVJ71 RS06645 WP 353856184.1  KLHDLHILYKQIEQHLQGEYVHSEDYLTLLAQQIPLSEELKTAHIYIDGFYQFTPQQLQVVEQLLLHTKKITAAFTVDRS  240
NTDB id 120 BSU 10620 NP 388943.2              KLHDLSILYQQMEKSLADQYLHSEDYLTLLAEHIPLAEDIKGAHIYVDGFYQFTPQEFRVLEQLMVHAEHITFSLTADKP  240
consensus                                      !!!!!*!!!! !*! *!   !*!!!!!!!!!! *!!! !**! !!!!*!!!!!!!!!   !*!!!**!  *!!   ! !**

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NTDB id 1013377 ABVJ71 RS06645 WP 353856184.1  YHDTQPNELDLFRMTGKTYFQLYQLAKKCGADISEQVLEKNKRHIHAHDLAYIESKYEQRPLQPYQEKTPHITVSRSANK  320
NTDB id 120 BSU 10620 NP 388943.2              SYEREPHELELFRMTGKTYYRLHQKAKELNLDITYKELSGTERHTKTPELAHLEAQYEARPAIPYAEKQEALTVMQAANR  320
consensus                                       **  !*!!*!!!!!!!!!* !*! !! *  !!*   !   !! *  *!!**!  !! !!  !! !! ***!!   !!*

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NTDB id 1013377 ABVJ71 RS06645 WP 353856184.1  RAEIEGVARDILDLVREKDLRLRDISIIARHLDDYKDTLKEVFRDYDIPFFIDGNESMQYHPLIELIRSSLDIIKGNWRY  400
NTDB id 120 BSU 10620 NP 388943.2              RAELEGIAREIHALVREKGYRYKDVAILARQPEDYKDMVKEVFADYEIPYFIDGKASMLNHPLIEFIRSSLDVLKGNWRY  400
consensus                                      !!!*!!*!!*!* !!!!!  ! *!* !*!!***!!!! *!!!! !!*!!*!!!!  !!  !!!!! !!!!!!**!!!!!!

logo

NTDB id 1013377 ABVJ71 RS06645 WP 353856184.1  EAVFRCVKTEFLFPLELAKNKAREQADQLENYCIAYGYKGERWTNGSRFHYRRFHSLDEDFGQTDQEIEMEQMLNEAKEW  480
NTDB id 120 BSU 10620 NP 388943.2              EAVFRCVKTELLFPLNEPKAKVREQVDQLENYCIAYGIKGDRWTKGDRFQYRRFVSLDDDFAQTDQEIEMENMLNDTRDW  480
consensus                                      !!!!!!!!!!! !!!!  *! ! !!! !!!!!!!!!!!*!!*!!! ! !!*!!!!*!!!*!!*!!!!!!!!!!*!!!* **!

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NTDB id 1013377 ABVJ71 RS06645 WP 353856184.1  IVPPLFQLQKRLKKAQKVREKVEAIYLFLEEVQVPEKLEKARLEAEKAGRLAEAMQHGQVWDAVIQLMNEFVEMLGDEEL  560
NTDB id 120 BSU 10620 NP 388943.2              IVPPLFQLQKRMKKAKTVQEKAEALYRYLEETDVPLKLDQERQRAEDDGRIIEAQQHQQAWDAVIQLLEEFVEMMGDDEI  560
consensus                                      !!!!!!!!!!!*!!!  ! !! !!*! *!!!  !! !!*  !  !!  !!* !! !! ! !!!!!!!* !!!!!*!!*!*
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logo
NTDB id 1013377 ABVJ71 RS06645 WP 353856184.1  SLPLFQQMMDTGLASLKFALIPPSLDQVFIGSMDLSRMYQVKCTFIIGVNDGVIPARPSDESVLSEDDREWLKRAGAELA   640
NTDB id 120 BSU 10620 NP 388943.2              SLDLFQQMIEAGAESLTFSLIPPALDQVFVGNMDLSRMYGTSCTFVLGANDGVLPARPDENGVLSDDDREWLKTIGVELS   640
consensus                                      !!*!!!!!** !  !! ! !!!! !!!!!*! !!!!!!!   !!!**! !!!!*!!!! *  !!!*!!!!!!! ! !!

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NTDB id 1013377 ABVJ71 RS06645 WP 353856184.1  DTGKERLLDEQFLIYQALSSPSHYLFLSYPVADAEGRSLLPSTFIKYCQELMPNHQNALYVLDPEQLEEQDQLKFVVNEP   720
NTDB id 120 BSU 10620 NP 388943.2              SGGRERLLDEHFLIYMAFSSPSDRLYVSYPIADAEGKTLLPSMIVKRLEELFPHHKERLLTNEPEQVSDEEQLMYVVNKS   720
consensus                                        !*!!!!!!*!!!! ! !!!!* !**!!!*!!!!!**!!!!  *! * !! !*!   !   *!!!* * *!! *!!! *

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NTDB id 1013377 ABVJ71 RS06645 WP 353856184.1  VALSYTVSQLQQWLNHYPISDVWWSVYNYLMTSPSRDISKNIISSLFFTNRAKPLTENVTKELYGDHIQGSVSRMEKFNA   800
NTDB id 120 BSU 10620 NP 388943.2              VAQSFTASQLRLWTREYDISDVWWSTYNVLMSEQDRLQSKKLFSSLFFRNEVKQLERSVSRQLYGERIQGSVSRMETFNA   800
consensus                                      !! !*! !!!   !  *!*!!!!!!! !! !!* * !  !! * !!!!! !  !*!   !** !!!**!!!!!!!!! !!!

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NTDB id 1013377 ABVJ71 RS06645 WP 353856184.1  CAFSHFASHGLKLKERQFYKLEAPDIGQLFHSALKHISDTLIEQKKDWKNLTKEDCVTYSKYAIEQLAPRLQQEILLSSN   880
NTDB id 120 BSU 10620 NP 388943.2              CPFSHFASHGLHLKERQFFKLEAPDIGQLFHSSLKLISDRLREQKLDWRDLTKEQCELFSYDAVERLAPKLQKEILLSSN   880
consensus                                      !*!!!!!!!!!*!!!!!!*!!!!!!!!!!!!! !!*!!! ! !!! !!* !!!! !  *!  !*! !!!*!! !!!!!!!

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NTDB id 1013377 ABVJ71 RS06645 WP 353856184.1  RHAYIKEKLQKILIRVSSILSEHAKVSAFSPVGLELGFGGQGPLPPITFQLKNGCTMELVGRIDRVDKAEGSKGLLLRIV   960
NTDB id 120 BSU 10620 NP 388943.2              RHYYVKEKLQKIVTRVSGILSEHAKASGFVPIGLELGFGGKGPLPPLTFQLKNGCTMELVGRIDRVDKAESSKGLLLRIV   960
consensus                                      !! !*!!!!!!!* !!! !!!!!!! !*! !*!!!!!!!! !!!!!*!!!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!

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NTDB id 1013377 ABVJ71 RS06645 WP 353856184.1  DYKSSDRGLDLAEVYYGLALQMLTYLDLTITYSKEWLGMEATPAGILYFHIHDPLIQAPIPLAEDEIEQEIFKKFKMKGF  1040
NTDB id 120 BSU 10620 NP 388943.2              DYKSSDKGLDLAEVYYGLALQMLTYLDLSITHSADWLGMRATPAGWLYFHIHDPMIQSNLPLGLDEIEQEIFKKFKMKGL  1040
consensus                                      !!!!!!*!!!!!!!!!!!!!!!!!!!!!!*!!*! *!!!! !!!!!*!!!!!!!!*!! **!!* !!!!!!!!!!!!!!!

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NTDB id 1013377 ABVJ71 RS06645 WP 353856184.1  LLENVEAVKLMDQTLETGKSQVIQAGLKKDGSFRSDSAVLSEDQFQILTKHVRRTFEEAGERITNGEVDINPYKLKDQTP  1120
NTDB id 120 BSU 10620 NP 388943.2              LLGDQEVVRLMDTTLQEGRSNIINAGLKKDGSLRSDSAAVGEKEFDLLTKHVRRTFQEAGEQITDGRVSIEPYKMKNKTP  1120
consensus                                      !!    ! !*!!! !!   !*!**!*!!!!!!!! !!!!! * !  ! *!!!!!!!!! !!!! !! ! ! ! !!!*!  !!
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logo
                                                  CRFCSFKSICQFDESIEDNEFRVLTSEKDEVMLERIKKEGDQYANSKTE
                                                  CTYCAFKSVCQFDESLEENEYRPLKAEKDKTILEWIKKEADGNEHS...
NTDB id 1013377 ABVJ71 RS06645 WP 353856184.1  CRFCSFKSICQFDESIEDNEFRVLTSEKDEVMLERIKKEGDQYANSKTE  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