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logo
NTDB id 1050035 AKG93 RS13670 WP 053052957.1  ..................................................MFKFYKKQKFKRLQSTLMTAFLVLSITPLTIT   32
NTDB id 1143 A1552VC RS01965 WP 001883436.1   MRLCPRFSLDLLVKVKKLVNFVTLGFSCLSPTHAWRSPQSFTESNTLIMFRFYRKQKFKRLQNTLMAAFLALSIIPLTIT   80
consensus                                     **************************************!!*!!*!!!!!!!! !!! !!! !!! !!!!!

logo
NTDB id 1050035 AKG93 RS13670 WP 053052957.1  AIFFLQSHSKDLQEQSTSHLLSVRDTKQQQIIDYFAAQETEVMGFVRSELAYASGGRFYGLVNAFSRLGHDIDEARENAQ   112
NTDB id 1143 A1552VC RS01965 WP 001883436.1   ALFFLHSHSKDLEQQSTSYLVSVRDNKQQQVIDYMMAKESEVMGFVRSELAYASGGRFYGLVNAFQRLDVSIEAAREHAQ   160
consensus                                     !*!!!*!!!!!!  !!!!*!*!!!! !!!!*!!!  ! !*!!!!!!!!!!!!!!!!!!!!!!!!! !! * !* !!!*!!

logo
NTDB id 1050035 AKG93 RS13670 WP 053052957.1  QRYIKGSGDQIKTSILPESSNYVGSERYRLLHKRYHWAYLELLKRSDFNDILLVDIDGNVYYSINKYDNYGTNLLTGRYK   192
NTDB id 1143 A1552VC RS01965 WP 001883436.1   QRYITGSGDQIKTSVLPQSSSYVGSERYRLLHKRYHWAYLELLKRSDFDDILLVDIDGNVVYSIYKYDNFGTNLLTGKYQ   240
consensus                                     !!!! !!!!!!!!!*!! !! !!!!!!!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!! !!! ! !!*!!!!!!!*!

logo
NTDB id 1050035 AKG93 RS13670 WP 053052957.1  DTALGRTFKRLSEDVNARRKVNEDYTPVVVSDFDIENGKQVAWLGAPIVQQGYLHSYAMFRLPNNGITKLIAEINRDSSI   272
NTDB id 1143 A1552VC RS01965 WP 001883436.1   DTNLGHTFKRLEQTVNEQRKTNEDFTPVVISDFVQEDGKQYAWLGAPIIQQGYLHSYAMFRLPSNAITKLIAEGSSNPSM   320
consensus                                     !! !!*!!!!!   !!  !! !!!*!!!!*!!!  ! !!! !!!!!!!*!!!!!!!!!!!!!! !*!!!!!!!    *!*

logo
NTDB id 1050035 AKG93 RS13670 WP 053052957.1  ETLLVGSDHKPRTINTKQEEIQNSLEIVDKALACDTEVGTYSNRLGEEMIAAFAPIETRGLTWAIVVQLPEKEAFARVHQ   352
NTDB id 1143 A1552VC RS01965 WP 001883436.1   QTILVGQDHRSRTLTSAEIAVEKSKAVVDLALSCKRAVGTYTNTDGEQIIAAYAPINLKNIHWALVVELPEKEAFARVRQ   400
consensus                                      !*!!! !!**!!* *    *  !  *!! !! !   !!!!*!  !! *!!!*!!!  * **!!*!! !!!!!!!!!!*!

logo
NTDB id 1050035 AKG93 RS13670 WP 053052957.1  LEKLFVIAMLIAIILVVIASHYLSNFITSPLLKLTWAAEKVSAGDLDETTFNTERKDEIGRLAISFERMQRSIREKIQTI   432
NTDB id 1143 A1552VC RS01965 WP 001883436.1   LEKLFVFAMLTAIVLVVIASHYLSNFITSPLLKLTWAAERVSAGDLDEAMINTERKDEIGRLAVSFERMQRSIREKISLI   480
consensus                                     !!!!!! !!! !!*!!!!!!!!!!!!!!!!!!!
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logo
NTDB id 1050035 AKG93 RS13670 WP 053052957.1  NLVDDLLDYHKMRYGSMDIQKSAVSLASATRLVLELSSHLLGNKTLRIINQVPADLKAVSADPQRLEQVLYNLIGNAIKY   592
NTDB id 1143 A1552VC RS01965 WP 001883436.1   TLVDDLLDYHKMRYGALDIQRCAVDLSSATRLVLELSHHLLGKKTLRIINQVSEQPVWVSADPQRLEQVLYNLIGNAIKY   640
consensus                                      !!!!!!!!!!!!!! *!!!**!! ! !!!!!!!!!!*!!!! !!*!!!!!!*  *  !!!!!!!!!!!!!!!!!!!!!!

logo
NTDB id 1050035 AKG93 RS13670 WP 053052957.1  TSEGKIVISATVVDDQVRVQVVDTGQGIPAEHLEHIFEPLIQAGQDASRYRQGAGLGLSISRQLIELMGGSLYVSSQPMV   672
NTDB id 1143 A1552VC RS01965 WP 001883436.1   TSEGKIVISATYIDDKVRVQVVDTGQGIPAEQLEHIFEPLIQAGHDASRYRQGAGLGLSISRQLIELMHGTLYVSSQPMV   720
consensus                                     !!!!!!!!!!! *!! !!!!!!!!!!!!!!!*!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!*!*!!!!!!!!!

logo
NTDB id 1050035 AKG93 RS13670 WP 053052957.1  GTTFSFTLPLANEEEIQATQSLAARGHFQIPEAN.FENNDDLSLPENPDGPLLYVADDEPVNLRVLESFLRLEGYRVRTI   751
NTDB id 1143 A1552VC RS01965 WP 001883436.1   GTTFSFTLPLASEEEIAQAR.LTELPHFQAPEVLDSELPEQSNLPENEHGPLLLVADDEPVNLRVLDSFLRLEGYRVHTA   799
consensus                                     !!!!!!!!!!! !!!!    *!   *!!! !!  * ! **   !!!!**!!!! !!!!!!!!!!!!*!!!!!!!!!!*!

logo
NTDB id 1050035 AKG93 RS13670 WP 053052957.1  SDGPETLALIEQEKPELLLLDIMMPGMSGYQVCSELRETYDHAELPIIMLTALSQTEDRVRGFEAGANDYLTKPFNKQEL   831
NTDB id 1143 A1552VC RS01965 WP 001883436.1   QDGHQVLEAIKREKPELVLLDIMMPGMSGYQVCEKLRQTYDHAELPIIMLTALNQSDDRVRGFEAGANDYLSKPFNKQEL   879
consensus                                      !!   !  !  !!!!!*!!!!!!!!!!!!!!!  !! !!!!!!!!!!!!!!! !**!!!!!!!!!!!!!!*!!!!!!!!!

logo
NTDB id 1050035 AKG93 RS13670 WP 053052957.1  AARIQAHLTASKAEMRHIENKLLESELRQRAEVEASLLETQGRLLEQLESAPEAIICLREDQRIRFANEAACKLFKRSLE   911
NTDB id 1143 A1552VC RS01965 WP 001883436.1   AARIVAHLTASKAELRRIENAQLQKELKHRAMVEASLLETQGRLLEQLESAPEAILCVKEGNKVRFANEAAARLFRRTPE   959
consensus                                     !!!!  !!!!!!!!!*!*!!!   !  !!**!! !!!!!!!!!!!!!!!!!!!!!!!!*!**! ***!!!!!!!**!!*!**!

logo
NTDB id 1050035 AKG93 RS13670 WP 053052957.1  QLKRSSADELIAPKFLTVKQPHYCGKIDIYIEDIRQNIEADILKLPEGSGLDVMYIFNVGGGANAARIHNLETAVEVLSS   991
NTDB id 1143 A1552VC RS01965 WP 001883436.1   QLKRSNAEELIAPKFLNIEQEHYCGNIDVYVDDVRQHLSADVLRLPQGSGLQAMYIFNVGGSVNAARIHNLETAVEALSS  1039
consensus                                     !!!!!  !*!!!!!!!!! * !*!!!! !!*!**!*!!** !!*!*!! !!!!  !!!!!!!!  !!!!!!!!!!!!! !!!

logo
NTDB id 1050035 AKG93 RS13670 WP 053052957.1  YAFDGDKDQLQKLKELGGEFTRLADKALGNKKDKQELMREVLVDTMTHALEYWESVTGETKFAFAEQSGLWRVYLDRSTL  1071
NTDB id 1143 A1552VC RS01965 WP 001883436.1   YAFEGDKDKLQKLKELGGEFTRLADKASGEYQSKQDLMRAVLVEAMTSALNYWERVSGQSKFTFAEQSGLWRVYLDRSTL  1119
consensus                                     !!!*!!!! !!!!!!!!!!!!!!!!!! !    !!*!!! !!!* !!*!! !!!  !*! *!! !!!!!!!!!!!!!!!!!!
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logo
NTDB id 1050035 AKG93 RS13670 WP 053052957.1  QTRTLDKYMRIETLPKTPRWRTVLSSIEFILEHCKEQSPERAYIEAQRDKMQRLLTS.  1128
NTDB id 1143 A1552VC RS01965 WP 001883436.1   QTRTLDKYLRIETLPKTPRWRTVLNSLDYILEHCKEAGPERTHIEMQRDKLQKLLTSE  1177
consensus                                     !!!!!!!!*!!!!!!!!!!!!!!!! !***!!!!!!!  !!! *!! !!!!*!*!!!!*
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X non conserved
X similar
X ≥ 50% conserved