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logo

NTDB id 1010234 ABOA58 RS19090 WP 350299592.1  MLKPKTRWNLRTADENKVAVLAEELHITPLVAALLVNRGLDTIESARSFLFVKNQTFHDPFLLKDMDKAVYRIREAIQNG   80
NTDB id 354 BSU 27620 NP 390640.1              MLASKMRWEIQRPDQDKVKSLTEQLHITPLVASLLVKRGFDTAESARLFLHTKDADFYDPFEMKGMKEAADRIKQAISQQ   80
consensus                                      !! *! !! *  *!  !!  ! ! !!!!!!!! !!! !! !! !!!! !!* !   !*!!! *! !  !  !!* !! *

logo

NTDB id 1010234 ABOA58 RS19090 WP 350299592.1  EKIRIFGDYDADGVTSTTVMMTALMKLGANVDFYIPNRFTEGYGPNPMAFRLAAEQGVNVLITVDTGISAIDEAKLAGEL  160
NTDB id 354 BSU 27620 NP 390640.1              EKIMIYGDYDADGVTSTSVMLHTLQKLSAQVDFYIPDRFKEGYGPNEQAFRSIKERGFSLIITVDTGIAAVHEAKVAKEL  160
consensus                                      !!! !*!!!!!!!!!!!*!** ! !! !*!!!!!! !! !!!!!!* !!!   ! !  **!!!!!!! !**!!!*! !!

logo

NTDB id 1010234 ABOA58 RS19090 WP 350299592.1  GMDYILTDHHEPGPELPEALAIIHPKLEDSSYPFKDLAGVGVAFKLAHALLGELPEDLLEIAAIGTIADLVPLQGENRLI  240
NTDB id 354 BSU 27620 NP 390640.1              GLDVIITDHHEPGPELPDVRAIVHPKQPGCTYPFKELAGVGVAFKLAHALLGELPDELLDLAAIGTIADLVPLHDENRLI  240
consensus                                      !*! !*!!!!!!!!!!!*  !!*!!! * **!!!!*!!!!!!!!!!!!!!!!!!!!**!!**!!!!!!!!!!!!!* !!!!!

logo

NTDB id 1010234 ABOA58 RS19090 WP 350299592.1  AAKGIEQLRLTRRPGLVALMKVANVQQEALNEESIGFAMAPRINAVGRLGDADPAVDLLMSASLEEAVELANEINDINKE  320
NTDB id 354 BSU 27620 NP 390640.1              ATLGLERLRRTNRLGLKELIKLSGGDIGEANEETVGFQLAPRLNAVGRIEQADPAVHLLMSEDSFEAEELAAEIDQLNKE  320
consensus                                      !  !*! !! ! !*!!  !*!*       !!!**!! *!!!*!!!!!*  !!!!!*!!!!    !! !!! !!  *!!!

logo

NTDB id 1010234 ABOA58 RS19090 WP 350299592.1  RQEMVAAMAAEAIAEVEENFPPESNGVLIIGREGWNAGVVGIVASKLVERFYRPTIVLSYDREKGYAKGSARSIAGFDLF  400
NTDB id 354 BSU 27620 NP 390640.1              RQKMVSKMTDEAIEMVEQQGL..DQTAIVVAKAGWNPGVVGIVASKLVDRFYRPAIVLGIDEEKGIAKGSARSIRGFNLF  398
consensus                                      !! !!  !  !!!  !! * *** *  ***** !!!*!!!!!!!!!!!*!!!!! !!!  ! !!! !!!!!!!! !! !!

logo

NTDB id 1010234 ABOA58 RS19090 WP 350299592.1  QSLSACRELLPHFGGHPMAAGMTLKIEDVQELRDRMNLIAKEQLNEEDFTPITNLDGATTLADVSIQTIQEMSLLAPFGV  480
NTDB id 354 BSU 27620 NP 390640.1              ESLSECRDILPHFGGHPMAAGMTLKAEDVPDLRSRLNEIADNTLTEEDFIPVQEVDLVCGVEDITVESIAEMNMLSPFGM  478
consensus                                       !!!  !!**!!!!!!!!!!!!!!!!! !!!**!! !*! !!   ! !!!! !*  *!  * * !*** *! !! *! !!!*

logo

NTDB id 1010234 ABOA58 RS19090 WP 350299592.1  TNPKPKILIDSVQLSSVRKIGANQNHLKVSLEDGENHKLDGVGFGLGHFVDEIAPHAEVSVIGELSINEWNNMKKPQIFV  560
NTDB id 354 BSU 27620 NP 390640.1              LNPKPHVLVENAVLEDVRKIGANKTHVKMTIRN.ESSQLDCVGFNKGELQEGIVPGSRISIVGEMSINEWNNRKKPQLMI  557
consensus                                       !!!!**!**   !  !!!!!!!  !*!***  *! * !!*!!!  !*  * ! !*  *!**!!*!!!!!!! !!!!* *
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logo
NTDB id 1010234 ABOA58 RS19090 WP 350299592.1  QDVSVNHWQLFDYRGKGQAEKWLADIPAQNRKIVIFSEDIYSRYPFLQNHPDLVIIKNELDAEQLDCFEGHLVFMDMPQS  640
NTDB id 354 BSU 27620 NP 390640.1              KDAAVSEWQLFDLRGKRTWEDTVSALPSAKRAIVSFKEDSTTLLQTEDLRREVHVISSKDQAKAFDLDGAYIVLLDPPPS  637
consensus                                       !  ! *!!!!! !!!   !  *  *!   ! !! ! !!  *  *    ******!     !   !*  ***! *!*!*!

logo
NTDB id 1010234 ABOA58 RS19090 WP 350299592.1  REYLKRVIADKHPSRIYAHFSHEQDHFLSTMPTRDHFKWFYAFLAKKGPLDVKRYGDDLAKYRGWSRDTVDFISKVFFEL  720
NTDB id 354 BSU 27620 NP 390640.1              LDMLARLLEGKAPERIYFIFLNHEDHFLSTFPARDHFKWYYAFLLKRGAFDVKKHGSELAKHKGWSVETINFMTKVFFDL  717
consensus                                       * ! !**  !*! !!! *! ** !!!!!! ! !!!!!!*!!!! !*!* !!!**! *!!!**!!! *!* !**!!!!*!

logo
DFVTIENGLTMLTSGAKKRDLSDSESQTYQAKQQLMELDQKLNYSSAEELKEWLNKLMKQDSEAYESTTRT..  786
NTDB id 354 BSU 27620 NP 390640.1              GFVKIENGVLSVVSGAKKRDLTDSQTYQAKQQLMELDQKLNYSSAEELKEWLNKLMKQDSEAYESTRRT..  786
consensus                                       !! !!!!** * * !!!!!!**! *!  !    !!*! ! !!!   ! *! !* * **    !   * **
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X non conserved

X similar

X $\geq$ 50% conserved