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logo

NTDB id 258045 CWI35 RS15395 WP 047758190.1  MLKAKTRWEVERLDEQAVRRLAEEAGVTPLLARLLVRRGVRTASEAAAFLNPLEQPFHDPFLLDGMERAIQRLKRAIDAG   80
NTDB id 354 BSU 27620 NP 390640.1            MLASKMRWEIQRPDQDKVKSLTEQLHITPLVASLLVKRGFDTAESARLFLHTKDADFYDPFEMKGMKEAADRIKQAISQQ   80
consensus                                    !!  ! !!!* !*!   !* ! !  **!!!*! !!!*!!  !!  !  !!** * *!*!!! * !!  !  !*! !!

logo

NTDB id 258045 CWI35 RS15395 WP 047758190.1  ERVLVYGDYDADGVCSTSVMVSALKEAGASVEFYIPNRFTEGYGPNMAAFRSAKERGVSVIVTVDNGIAAVKEIAAANEW  160
NTDB id 354 BSU 27620 NP 390640.1            EKIMIYGDYDADGVTSTSVMLHTLQKLSAQVDFYIPDRFKEGYGPNEQAFRSIKERGFSLIITVDTGIAAVHEAKVAKEL  160
consensus                                    !****!!!!!!!!!*!!!!!** !    ! !*!!!! !! !!!!!!  !!!! !!!! !*!*!!! !!!!!*!   ! !

logo

NTDB id 258045 CWI35 RS15395 WP 047758190.1  GMDVIVTDHHEPGPVLPEAHAIIHPKQPGSTYPFRDLAGVGVAFKVAHALLGRVPRHLLDLVAIGTIADLVPLVGENRLF  240
NTDB id 354 BSU 27620 NP 390640.1            GLDVIITDHHEPGPELPDVRAIVHPKQPGCTYPFKELAGVGVAFKLAHALLGELPDELLDLAAIGTIADLVPLHDENRLI  240
consensus                                    !*!!!*!!!!!!!! !!* *!!*!!!!!!*!!!!**!!!!!!!!!*!!!!!! *! *!!!! !!!!!!!!!!!* !!!!

logo

NTDB id 258045 CWI35 RS15395 WP 047758190.1  VAHGLEALRATERIGLRALFRQCRIDAAAINEQTVGFVIAPRLNAAGRLGGADPAVALLMTDDENEAVQLAAEMDELNRE  320
NTDB id 354 BSU 27620 NP 390640.1            ATLGLERLRRTNRLGLKELIKLSGGDIGEANEETVGFQLAPRLNAVGRIEQADPAVHLLMSEDSFEAEELAAEIDQLNKE  320
consensus                                      *!!! !! ! !*!!* ! * *  ! *  !! !!!! *!!!!!! !!*  !!!!!*!!!**!  !!  !!!!*! !!*!

logo

NTDB id 258045 CWI35 RS15395 WP 047758190.1  RQQLVAQIAEEAADMVRRQFPPEEHRVLVVAGEGWNAGVVGIVASKLVEQFYRPAVVLSIDREKGIAKGSARSIHGFDLF  400
NTDB id 354 BSU 27620 NP 390640.1            RQKMVSKMTDEAIEMVEQQGL..DQTAIVVAKAGWNPGVVGIVASKLVDRFYRPAIVLGIDEEKGIAKGSARSIRGFNLF  398
consensus                                    !! *!  * *!! *!!  ! *****  *!!!  !!!*!!!!!!!!!!* !!!!!*!! !! !!!!!!!!!!!!*!! !!

logo

NTDB id 258045 CWI35 RS15395 WP 047758190.1  ASLSQCRDLLPHFGGHPMAAGMTLSLDDVEELRQRLNDIAAETLSEDDFTPPTFIDASCSIAELTLSAARSLERFAPFGV  480
NTDB id 354 BSU 27620 NP 390640.1            ESLSECRDILPHFGGHPMAAGMTLKAEDVPDLRSRLNEIADNTLTEEDFIPVQEVDLVCGVEDITVESIAEMNMLSPFGM  478
consensus                                     !!! !!!*!!!!!!!!!!!!!!!  *!!**!! !!!*!!  !!*!*!! !*  *!  ! * **!*     *    !!!*

logo

NTDB id 258045 CWI35 RS15395 WP 047758190.1  GNPRPLVLIEGASVETMRRVGANGAHMKAVFSQDGAAIDAIGFGLGPLCEEIAPDARISAVGELSVNEWNGFAKPQLSLC  560
NTDB id 354 BSU 27620 NP 390640.1            LNPKPHVLVENAVLEDVRKIGANKTHVKMTIRNESSQLDCVGFNKGELQEGIVPGSRISIVGEMSINEWNNRKKPQLMIK  558
consensus                                     !!*!*!!*! ! *! *!**!!!  !*!    **   *!**!!  !*!*! ! !  !!! !!!*!*!!!!   !!!! **
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logo
NTDB id 258045 CWI35 RS15395 WP 047758190.1  DLAVSDCQLFDVRGCRDVRPLLERLPKEKRLVVSFRCETGQRPDVAPFRGELHCVPTEEEAGALSIDDRYVVLLDVPPRL   640
NTDB id 354 BSU 27620 NP 390640.1            DAAVSEWQLFDLRGKRTWEDTVSALPSAKRAIVSFKEDSTTLLQTEDLRREVHVISSKDQAKAFDLDGAYIVLLDPPPSL   638
consensus                                    !  !!!**!!!!*!!*!    * *  !!  !! *!!!****   *   * ! !*!**** * ! !  *!  !*!!!!*!! !

logo
NTDB id 258045 CWI35 RS15395 WP 047758190.1  ALLSALLGSGRPARIYAVFAQPEAQFFRTFPTRDHFKWFYAFLHQHRSFPLAKRGGELARARGWTEETVHFMAKVFLELD   720
NTDB id 354 BSU 27620 NP 390640.1            DMLARLLEGKAPERIYFIFLNHEDHFLSTFPARDHFKWYYAFLLKRGAFDVKKHGSELAKHKGWSVETINFMTKVFFDLG   718
consensus                                     *!  !!    ! !!! *! * ! *!  !!! !!!!!!*!!!!* *  !** !*! !!!***!!* !!**!! !!! *!

logo
NTDB id 258045 CWI35 RS15395 WP 047758190.1  FINEQNGVISLVHQPAKRDLHESPTYRRRRRDELEAEHQLVYSTYEQLKRCLAEMTRSQTHEEANVSWT   788
NTDB id 354 BSU 27620 NP 390640.1            FVKIENGVLSVVSGAKKRDLTDSQTYQAKQQLMELDQKLNYSSAEELKEWLNKLMKQDSEAYESTRRT   786
consensus                                    !*   !!!*!*!* * !!!!**!*!!  *   *! ** ! !!* ! !! *!  * *  **       !
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X non conserved

X similar

X $\geq$ 50% conserved