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logo
NTDB id 402098 GMB29 RS20240 WP 136351904.1  MLKPKTRWVVQTSDESLINTLIDELSITRLVASLLVNRGITTTQEAREFLQAEQKAFHDPFLLKDMDKAVRRIMKAIEAQ   80
NTDB id 354 BSU 27620 NP 390640.1            MLASKMRWEIQRPDQDKVKSLTEQLHITPLVASLLVKRGFDTAESARLFLHTKDADFYDPFEMKGMKEAADRIKQAISQQ   80
consensus                                    !! *! !! *! *!   * *! * !*!!*!!!!!!! !!  !  !! !!*     !*!!! *! !  !  !!  !!  !

logo
NTDB id 402098 GMB29 RS20240 WP 136351904.1  EKILIYGDYDADGVSSTTVLLTTLRKLGAIADFYIPNRFTEGYGPNETAFRQAHDNGFTLIITVDTGIAAVHEADIAREL  160
NTDB id 354 BSU 27620 NP 390640.1            EKIMIYGDYDADGVTSTSVMLHTLQKLSAQVDFYIPDRFKEGYGPNEQAFRSIKERGFSLIITVDTGIAAVHEAKVAKEL  160
consensus                                    !!!*!!!!!!!!!!*!!*!*!*!! !! !  !!!!! !! !!!!!!! !!!  ** !!*!!!!!!!!!!!!!!! *!*!!

logo
NTDB id 402098 GMB29 RS20240 WP 136351904.1  GVDLIITDHHEPGPTLPSALAIIHPKQPQCSYPFKDLAGVGVAFKLSHALLGELPSDLLEVAAIGTIADLVPLHGENRLI  240
NTDB id 354 BSU 27620 NP 390640.1            GLDVIITDHHEPGPELPDVRAIVHPKQPGCTYPFKELAGVGVAFKLAHALLGELPDELLDLAAIGTIADLVPLHDENRLI  240
consensus                                    !*!*!!!!!!!!!! !!   !!*!!!!! !*!!!!*!!!!!!!!!! !!!!!!!! *!!**!!!!!!!!!!!!! !!!!!

logo
NTDB id 402098 GMB29 RS20240 WP 136351904.1  AKKGINQLKTTKRIGLQALLKIAKVNSSEINEDTIGFALAPRINAVGRLQSADPAVDLLLSDDSEEAFDIAQEIDSLNKE  320
NTDB id 354 BSU 27620 NP 390640.1            ATLGLERLRRTNRLGLKELIKLSGGDIGEANEETVGFQLAPRLNAVGRIEQADPAVHLLMSEDSFEAEELAAEIDQLNKE  320
consensus                                    !  !*  !* ! !*!!  !*!*     ! !!*!*!! !!!!*!!!!!* !!!!!*!!*!*!! !! **! !!! !!!!

logo
NTDB id 402098 GMB29 RS20240 WP 136351904.1  RQKIVSSMTDEAIEEVETNFPIAENPVLVIAREGWNPGVVGIVASRLVERFYRPTIVLSIDKEKGIAKGSARSIVGFDLF  400
NTDB id 354 BSU 27620 NP 390640.1            RQKMVSKMTDEAIEMVEQQG..LDQTAIVVAKAGWNPGVVGIVASKLVDRFYRPAIVLGIDEEKGIAKGSARSIRGFNLF  398
consensus                                    !!!*!! !!!!!!! !! * ** *** *!*!* !!!!!!!!!!!!!*!!*!!!!! !!! !! !!!!!!!!!!!! !! !!

logo
NTDB id 402098 GMB29 RS20240 WP 136351904.1  ENLSTCRDILPHFGGHPMAAGMTLELENVDLLRTRLVKNAESILSDDDFTPITKVDISCNLEEITLKAIEEMQQLAPFGM  480
NTDB id 354 BSU 27620 NP 390640.1            ESLSECRDILPHFGGHPMAAGMTLKAEDVPDLRSRLNEIADNTLTEEDFIPVQEVDLVCGVEDITVESIAEMNMLSPFGM  478
consensus                                    ! !! !!!!!!!!!!!!!!!!!!!  ! !* !!*!!   !*  !***!! !*  !!* ! *!*!!*  ! !!* ! !!!!

logo
NTDB id 402098 GMB29 RS20240 WP 136351904.1  YNPKPVIKVENVTLANVRKIGAEQNHLKLVFEQEEHQLDSVGFGLGHIHDELSPAVTLSAIGELSINEWNNFRKPQLMLQ  560
NTDB id 354 BSU 27620 NP 390640.1            LNPKPHVLVENAVLEDVRKIGANKTHVKMTIRNESSQLDCVGFNKGELQEGIVPGSRISIVGEMSINEWNNRKKPQLMIK  558
consensus                                     !!!!** !!!  !  !!!!!!   !*!*   *! *!!!*!!!  !**** * !*  *! *!!*!!!!!! *!!!!!*
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logo
NTDB id 402098 GMB29 RS20240 WP 136351904.1  DVKVDSWQLFDFRGTRNVEKLLKTVALNENTLIITYRFSIFEKLKKQGFQKNTVFVDSMSNAQQMDVKNKNLVLLDIPSS   640
NTDB id 354 BSU 27620 NP 390640.1            DAAVSEWQLFDLRGKRTWEDTVSALPSAKRA.IVSFKEDSTTLLQTEDLRREVHVISSKDQAKAFDLDGAYIVLLDPPPS   637
consensus                                    !  !  !!!!! !! !  !  *  **     *!****      !       *  * * !  *!   !*    *!!!!*!*!

logo
NTDB id 402098 GMB29 RS20240 WP 136351904.1  LDLLESLFTHGKPDRIYSVLQQEADHFFSTIPTREHFKWYYGFLLKKGPFKLEEHGEQLAMHKGWSKETIEFMSQVFFDL   720
NTDB id 354 BSU 27620 NP 390640.1            LDMLARLLEGKAPERIYFIFLNHEDHFLSTFPARDHFKWYYAFLLKRGAFDVKKHGSELAKHKGWSVETINFMTKVFFDL   717
consensus                                    !!*!  !  *  !*!!! *  ** !!! !! ! !*!!!!!!*!!!!*!*! *  !!  !! !!!!! !!! !!* !!!!!

logo
NTDB id 402098 GMB29 RS20240 WP 136351904.1  EFVTIENGVITTKSSSQKRDLAESKTYAQKQMQIELEKTLLYTSYMQLKEWFEERFTATNPHVFV....   785
NTDB id 354 BSU 27620 NP 390640.1            GFVKIENGVLSVVSGAKKRDLTDSQTYQAKQQLMELDQKLNYSSAEELKEWLNKLMKQDSEAYESTRRT   786
consensus                                     !! !!!!!**  !   !!!! *! !!  !!  *!!*  ! !*!   !!!!         **   ****
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X non conserved

X similar

X $\geq$ 50% conserved