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logo
NTDB id 371166 FI644 RS16390 WP 142108612.1  MLHSKTRWIVRNSDEEKENLLVQELNITPLVASLLVNRGLETPELARHFLFDQKHEFHDPFLLTDMNAAVSRIKEAIENQ   80
NTDB id 354 BSU 27620 NP 390640.1            MLASKMRWEIQRPDQDKVKSLTEQLHITPLVASLLVKRGFDTAESARLFLHTKDADFYDPFEMKGMKEAADRIKQAISQQ   80
consensus                                    !!*!! !! *  *! *!   !  !*!!!!!!!!!! !! *!*! !!*!!*   **!*!!! *  !  !  !!! !! *!

logo
NTDB id 371166 FI644 RS16390 WP 142108612.1  EAILIFGDYDADGVTSTIVMMKTLQELGANVEFYIPNRFTEGYGPNIQAFRSIKERGLSLIITVDTGIAAVNEAKAAKEL  160
NTDB id 354 BSU 27620 NP 390640.1            EKIMIYGDYDADGVTSTSVMLHTLQKLSAQVDFYIPDRFKEGYGPNEQAFRSIKERGFSLIITVDTGIAAVHEAKVAKEL  160
consensus                                    ! !*!*!!!!!!!!!!!*!!**!!! ! !*!*!!!! !! !!!!!! *!! *  ! !  !!!!!!!!!!!!*!!! !!!!

logo
NTDB id 371166 FI644 RS16390 WP 142108612.1  GLDLIITDHHEPGPELPEALAIIHPKLENSEYPFRDLAGVGVAFKLAHALLGRVPEHLLEIAAIGTIADLVSLKGENRLI  240
NTDB id 354 BSU 27620 NP 390640.1            GLDVIITDHHEPGPELPDVRAIVHPKQPGCTYPFKELAGVGVAFKLAHALLGELPDELLDLAAIGTIADLVPLHDENRLI  240
consensus                                    !!!*!!!!!!!!!!!!!!*  !!*!!! * * !!!**!!!!!!!!!!!!!!!! *!**!!**!!!!!!!!!!*!* !!!!!

logo
NTDB id 371166 FI644 RS16390 WP 142108612.1  VKKGIKKLQLTSNVGLKALLKLNKVEPDSINEETIGFLIAPRLNAAGRLESADPAVDLLLTEDSLEAEVIAEEIEQLNKD  320
NTDB id 354 BSU 27620 NP 390640.1            ATLGLERLRRTNRLGLKELIKLSGGDIGEANEETVGFQLAPRLNAVGRIEQADPAVHLLMSEDSFEAEELAAEIDQLNKE  320
consensus                                       !* *!   !  *!!! !*!!   **   !!!!*!! *!!!!!! !!*! !!!!!*!!**!!! !!! *! !!*!!!!*

logo
NTDB id 371166 FI644 RS16390 WP 142108612.1  RKSLVNEITEQAIREVEEKYPVTDNAVLVIGKEGWNAGVIGIVASKLVDRFYRPAIVLSYDVEKGLAKGSARSIAGFDLF  400
NTDB id 354 BSU 27620 NP 390640.1            RQKMVSKMTDEAIEMVEQQ..GLDQTAIVVAKAGWNPGVVGIVASKLVDRFYRPAIVLGIDEEKGIAKGSARSIRGFNLF  398
consensus                                    !  *!  *!* !!  !!  **  !*  *!**! !!!*!!*!!!!!!!!!*!!!!!!!!  ! !!!*!!!!!!!! !! !!

logo
NTDB id 371166 FI644 RS16390 WP 142108612.1  KNLSDCREILPHFGGHPMAAGMTLKLDDVNELRSRLNTAAKDQLSEEDFIPVTQLDGEIALHDIHLSSLEELQMLSPYGM  480
NTDB id 354 BSU 27620 NP 390640.1            ESLSECRDILPHFGGHPMAAGMTLKAEDVPDLRSRLNEIADNTLTEEDFIPVQEVDLVCGVEDITVESIAEMNMLSPFGM  478
consensus                                     !!*!!*!!!!!!!!!!!!!!!!!! *!!**!!!!!!  !   !*!!!!!!!  *!  ****!!** !* !**!!!!*!!

logo
NTDB id 371166 FI644 RS16390 WP 142108612.1  DNPKPKIMIKNANISAMRKIGSDQNHLKMTIENDGHTLDGVGFGLGSLFEHISPSSQISVIGELSINEWNNIRKPQMFLQ  560
NTDB id 354 BSU 27620 NP 390640.1            LNPKPHVLVENAVLEDVRKIGANKTHVKMTIRNESSQLDCVGFNKGELQEGIVPGSRISIVGEMSINEWNNRKKPQLMIK  558
consensus                                     !!!!**** !! *  *!!!!    !*!!!! !* * !!*!!!  ! ! !*! ! ! !!**!!*!!!!!!! *!!!* *
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logo
NTDB id 371166 FI644 RS16390 WP 142108612.1  DIAIDAWQLFDVRGVKRLESLVELIPKDRSKWIVFNQENMSKFQRYTN.DHLITVSSEEEASALFIEKENVILIDLPDSK   639
NTDB id 354 BSU 27620 NP 390640.1            DAAVSEWQLFDLRGKRTWEDTVSALPSAKRAIVSFKEDSTTLLQTEDLRREVHVISSKDQAKAFDLDGAYIVLLDPPPSL   638
consensus                                    ! !*  !!!!!*!! *  !  !  *!  *   * !  *  *  !    * *** *!! * ! !  **   **!*!*!*!

logo
NTDB id 371166 FI644 RS16390 WP 142108612.1  EILAAVFAGKKPARVYAHFYNEKDAYFSTIPTRDHFKWFYALLVKKGPFDLRKYGDDIAKFKGWSRQTIDFMSKVFFELD   719
NTDB id 354 BSU 27620 NP 390640.1            DMLARLLEGKAPERIYFIFLNHEDHFLSTFPARDHFKWYYAFLLKRGAFDVKKHGSELAKHKGWSVETINFMTKVFFDLG   718
consensus                                    **!! *  !! ! !*! *! !* !** !! ! !!!!!!*!! !*!*!*!!**!*! **!!*!!!!  !! !!*!!!!*!

logo
NTDB id 371166 FI644 RS16390 WP 142108612.1  FVKIENGFISVNKATQKRDLTDSLTYQKVLAQYTLERDMVYSSYQQLKRWFDEVIQGSVK.YEEEMKEWT   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