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logo
NTDB id 1105281 ACNSPE RS03975 WP 419393658.1  MLHSKTRWIVQNSDEEKENLLVQELNITPLVASLLVNRGLETPDLARSFLFDQKQKFHDPFLLSDMDAAVSRIKEAIENQ   80
NTDB id 354 BSU 27620 NP 390640.1              MLASKMRWEIQRPDQDKVKSLTEQLHITPLVASLLVKRGFDTAESARLFLHTKDADFYDPFEMKGMKEAADRIKQAISQQ   80
consensus                                      !!*!! !! *! *! *!   !   !*!!!!!!!!!! !! *!** !! !!*     !*!!! *  !  !  !!! !! *!

logo
NTDB id 1105281 ACNSPE RS03975 WP 419393658.1  EAILIFGDYDADGVTSTTVMMKTLQELGANVEFYIPNRFTEGYGPNIPAFQHAAETGIKLIITVDTGIAAVNEAMAAKEL  160
NTDB id 354 BSU 27620 NP 390640.1              EKIMIYGDYDADGVTSTSVMLHTLQKLSAQVDFYIPDRFKEGYGPNEQAFRSIKERGFSLIITVDTGIAAVHEAKVAKEL  160
consensus                                      ! !*!*!!!!!!!!!!!*!**!!! ! !*!*!!!! !! !!!!!! *!! *  ! !  !!!!!!!!!!!!*!!  !!!!

logo
NTDB id 1105281 ACNSPE RS03975 WP 419393658.1  GLDLIITDHHEPGPELPDALAIHPKLENSEYPFRDLAGVGVAFKLAHALLGRVPEHLLEIAAIGTIADLVSLKGENRLI  240
NTDB id 354 BSU 27620 NP 390640.1              GLDVIITDHHEPGPELPDVRAIVHPKQPGCTYPFKELAGVGVAFKLAHALLGELPDELLDLAAIGTIADLVPLHDENRLI  240
consensus                                      !!!*!!!!!!!!!!!!!!  !!*!!! * * !!!**!!!!!!!!!!!!!!!! *!**!!**!!!!!!!!!!*!* !!!!!

logo
NTDB id 1105281 ACNSPE RS03975 WP 419393658.1  AKKGIKKFQSTSNVGLKALLKLNKVEPNSINEETIGFLIAPRLNAAGRLESADPAVDLLLTEDSLEAEAIAEEIEQLNKD  320
NTDB id 354 BSU 27620 NP 390640.1              ATLGLERLRRTNRLGLKELIKLSGGDIGEANEETVGFQLAPRLNAVGRIEQADPAVHLLMSEDSFEAEELAAEIDQLNKE  320
consensus                                      !  !* *   !  *!!! !*!!   **   !!!!*!! *!!!!!! !!*! !!!!!*!!**!!! !!! *! !!*!!!!*

logo
NTDB id 1105281 ACNSPE RS03975 WP 419393658.1  RKTIVNEITEQAIREVEENYPVNENAVLVIGREGWNAGVIGIVASKLVETFYRPAIVLSYDVEKGLAKGSARSIAGFDLF  400
NTDB id 354 BSU 27620 NP 390640.1              RQKMVSKMTDEAIEMVEQQG..LDQTAIVVAKAGWNPGVVGIVASKLVDRFYRPAIVLGIDEEKGIAKGSARSIRGFNLF  398
consensus                                      !  *!  *!* !!  !! * ** **  *!*** !!!*!!*!!!!!!!!* !!!!!!!!  ! !!!*!!!!!!!! !! !!

logo
NTDB id 1105281 ACNSPE RS03975 WP 419393658.1  KNLSECREILPHFGGHPMAAGMTLKLDDVNDLRSRLNAAAKDQLSEEDFIPVTQLDGEIALHDIHLSSLEELQMLSPYGM  480
NTDB id 354 BSU 27620 NP 390640.1              ESLSECRDILPHFGGHPMAAGMTLKAEDVPDLRSRLNEIADNTLTEEDFIPVQEVDLVCGVEDITVESIAEMNMLSPFGM  478
consensus                                        !!!!!*!!!!!!!!!!!!!!!!!! *!!*!!!!!!!  !   !*!!!!!!!  *!  ****!!** !* !**!!!!*!!

logo
NTDB id 1105281 ACNSPE RS03975 WP 419393658.1  DNPKPKIMIKNANISAIRKIGSDQNHLKMTIENDGHTLDGVGFGLGSLFDHISPSSQISVIGELSINEWNNIRKPQMFLQ  560
NTDB id 354 BSU 27620 NP 390640.1              LNPKPHVLVENAVLEDVRKIGANKTHVKMTIRNESSQLDCVGFNKGELQEGIVPGSRISIVGEMSINEWNNRKKPQLMIK  558
consensus                                       !!!!**** !! *  *!!!!    !*!!!! !* * !!*!!!  ! ! **! ! ! !!**!!*!!!!!!! *!!!* *
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logo

NTDB id 1105281 ACNSPE RS03975 WP 419393658.1  DIAIDAWQLFDIRGVKRIESLVELIPKDRSKWIVFNQENMSKFQKYTN.DKLITVSSVEEASALNIEKENVVLIDLPDSK   639
NTDB id 354 BSU 27620 NP 390640.1              DAAVSEWQLFDLRGKRTWEDTVSALPSAKRAIVSFKEDSTTLLQTEDLRREVHVISSKDQAKAFDLDGAYIVLLDPPPSL   638
consensus                                      ! !*  !!!!!*!! *  !  !  *!  *  * !  *  *  !    *  ** *!! * ! !  **   *!!*!*!*!

logo

NTDB id 1105281 ACNSPE RS03975 WP 419393658.1  ELLAAVFAGKNPARVYAHFYNENDAYFSTIPTRDHFKWFYALLVKKGPFDLKKYGDDIAKFKGWSRQTIDFMSKVFFELD   719
NTDB id 354 BSU 27620 NP 390640.1              DMLARLLEGKAPERIYFIFLNHEDHFLSTFPARDHFKWYYAFLLKRGAFDVKKHGSELAKHKGWSVETINFMTKVFFDLG   718
consensus                                      **!! *  !! ! !*! *! !* !** !! ! !!!!!!*!! !*!*!*!!*!!*! **!!*!!!!  !! !!*!!!!*!

logo

NTDB id 1105281 ACNSPE RS03975 WP 419393658.1  FVKIENGFISVNKATQKRDLTDSLTYQKVLAQYTLERDMVYSSYQQLKGWFDEVIRGSREIEEEMKEWT   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