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logo
NTDB id 996808 NSS89 RS12475 WP 251246283.1  MLQAKTRWAVREGNRQKAEQLMNELQLTPLVANLLVNRGLDTAESVKKFLNP.DEEFHHPFLLNDMDICVERIFRAIRNG   79
NTDB id 354 BSU 27620 NP 390640.1            MLASKMRWEIQRPDQDKVKSLTEQLHITPLVASLLVKRGFDTAESARLFLHTKDADFYDPFEMKGMKEAADRIKQAISQQ   80
consensus                                    !!  ! !! *  *   !   !  !**!!!!! !!! !! !!!!! * !!***! *!**!! *  !  * *!!  !! *

logo
NTDB id 996808 NSS89 RS12475 WP 251246283.1  ERMVVYGDYDADGVTSTYVLLKTLRELGADADFYIPNRFTEGYGPNEKAFRTLKERGYSLIITVDNGIAGIHEAKVAKEI  159
NTDB id 354 BSU 27620 NP 390640.1            EKIMIYGDYDADGVTSTSVMLHTLQKLSAQVDFYIPDRFKEGYGPNEQAFRSIKERGFSLIITVDTGIAAVHEAKVAKEL  160
consensus                                    !****!!!!!!!!!!!! !*!*!!  ! !  !!!!! !! !!!!!!! !!!**!! !**!!!!!! !!!**!!!!!!!!*

logo
NTDB id 996808 NSS89 RS12475 WP 251246283.1  GIDLIITDHHEPGPELPDCLAIIHPKRADSNYPFKDLAGVGVAFKLVTALLGKVPEELLPFAAIGTIADLVPLKDENRLI  239
NTDB id 354 BSU 27620 NP 390640.1            GLDVIITDHHEPGPELPDVRAIVHPKQPGCTYPFKELAGVGVAFKLAHALLGELPDELLDLAAIGTIADLVPLHDENRLI  240
consensus                                    !*!*!!!!!!!!!!!!!!!* !!*!!! * * !!!!*!!!!!!!!!! *!!!! *!*!!!* !!!!!!!!!!!!*!!!!!!

logo
NTDB id 996808 NSS89 RS12475 WP 251246283.1  VKKALPLLQSSDHFGLKALMWIAGINQQELNEESISFGLAPRINAPGRLYHAGMVVDLFLANDKDEAEQLAHEINEINKE  319
NTDB id 354 BSU 27620 NP 390640.1            ATLGLERLRRTNRLGLKELIKLSGGDIGEANEETVGFQLAPRLNAVGRIEQADPAVHLLMSEDSFEAEELAAEIDQLNKE  320
consensus                                       *!* !  * * !!! !* * !    ! !!!** ! !!!!*!!*!!* *! * !*! *  !  !!! !!*!!  *!!!

logo
NTDB id 996808 NSS89 RS12475 WP 251246283.1  RQEIVDKITVEAIEEISQSSNYIDDQVIVVGKEGWHAGVIGIVASRLVEKFYRPVIVFSFDQATGLAKGSARSIPKFNMY  399
NTDB id 354 BSU 27620 NP 390640.1            RQKMVSKMTDEAIEMVEQQ..GLDQTAIVVAKAGWNPGVVGIVASKLVDRFYRPAIVLGIDEEKGIAKGSARSIRGFNLF  398
consensus                                    !! *! !*! !!!! * ! ** *!   !!!*! !!**!!*!!!!!*!!**!!!! !!   !   !*!!!!!!!!* !!**

logo
NTDB id 996808 NSS89 RS12475 WP 251246283.1  QNLFQCKELLPHFGGHPMAAGLTMKISDVPELRERLNRLASEQLDEEDFIPVTEVDGMIPLEDIHLQSVKELLQFAPFGT  479
NTDB id 354 BSU 27620 NP 390640.1            ESLSECRDILPHFGGHPMAAGMTLKAEDVPDLRSRLNEIADNTLTEEDFIPVQEVDLVCGVEDITVESIAEMNMLSPFGM  478
consensus                                      !   !***!!!!!!!!!!!!!*!*!  !!!*!! !!! *!   ! !!!!!!! !!! ****!!!** !* !*    !!!

logo
NTDB id 996808 NSS89 RS12475 WP 251246283.1  ENPKPLLLINDIQLPQIKKVGAEKNHLKAIIENHSAQLDCIGFHMGDLADEISPLSKASVIGELAINEWNHVSKPQFILK  559
NTDB id 354 BSU 27620 NP 390640.1            LNPKPHVLVENAVLEDVRKIGANKTHVKMTIRNESSQLDCVGFNKGELQEGIVPGSRISIVGEMSINEWNNRKKPQLMIK  558
consensus                                     !!!!**!*    !* **!*!! ! !*!  ! !*! !!!!*!!* !*! * ! ! !* !**!!* !!!!!*  !!! **!
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logo
NTDB id 996808 NSS89 RS12475 WP 251246283.1  DICIDEWQLFDYRGNRRIDQWIHQVPEKSSKLIVFRESTVNQMNLSEFAAGLEIIHSEASAKNCDIDGMNIVLIDLPQSK   639
NTDB id 354 BSU 27620 NP 390640.1            DAAVSEWQLFDLRGKRTWEDTVSALPSAKRAIVSFKEDSTTLLQTEDLRREVHVISSKDQAKAFDLDGAYIVLLDPPPSL   638
consensus                                    !  ** !!!!!! !! !   *  ** *!     ** !*! *   **  *    ***!*!   !! *!*!!  !!!*!*!*!

logo
NTDB id 996808 NSS89 RS12475 WP 251246283.1  KQLESLLAGKQVARIYAHFYQDDIELLNTMPTREHFKWMYAFLCKKGVFDFRRYGAELAKYKGWSLHTIKFMLTVFFELN   719
NTDB id 354 BSU 27620 NP 390640.1            DMLARLLEGKAPERIYFIFLNHEDHFLSTFPARDHFKWYYAFLLKRGAFDVKKHGSELAKHKGWSVETINFMTKVFFDLG   718
consensus                                      !  !! !! * !!! *! *** * ! ! ! !*!!!! !!!!*!*! !! ***! !!!!*!!!!**!! !!  !!!*!

logo
NTDB id 996808 NSS89 RS12475 WP 251246283.1  FVTMDNGILSVIKNPSKRDLSESKTYQLRQEIIQLEKELLFSSYKQLKNSLDRFIGTANMKEAKAWI.....   786
NTDB id 354 BSU 27620 NP 390640.1            FVKIENGVLSVVSGAKKRDLTDSQTYQAKQQLMELDQKLNYSSAEELKEWLNKLMKQDS....EAYESTRRT   786
consensus                                    !! **!!*!!!*  * !!!!**! !!! *! ** !*  ! *!!   !!  ! * *    **** !* *****
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X non conserved

X similar

X ≥ 50% conserved