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logo

NTDB id 1067503 NSU12 RS12060 WP 343126746.1  MLQAKTRWAVREGNRQKAEQLMNELQLTPLVANLLVNRGLDTAESVKKFLNP.DEEFHHPFLLNDMDICVERIFRAIRNG   79
NTDB id 354 BSU 27620 NP 390640.1             MLASKMRWEIQRPDQDKVKSLTEQLHITPLVASLLVKRGFDTAESARLFLHTKDADFYDPFEMKGMKEAADRIKQAISQQ   80
consensus                                     !!  ! !! *  *  !  !  !**!!!!! !!! !! !!!!! * !!***! *!**!! *  !  * *!!  !! *

logo

NTDB id 1067503 NSU12 RS12060 WP 343126746.1  ERMVVYGDYDADGVTSTYVLLKTLRELGADADFYIPNRFTEGYGPNEQAFRTLKEAGYHLIITVDNGIAGIHEAKVAKEI   159
NTDB id 354 BSU 27620 NP 390640.1             EKIMIYGDYDADGVTSTSVMLHTLQKLSAQVDFYIPDRFKEGYGPNEQAFRSIKERGFSLIITVDTGIAAVHEAKVAKEL   160
consensus                                     !****!!!!!!!!!!!! !*!*!!  ! !  !!!!! !! !!!!!!! !!!**!! !**!!!!!! !!!**!!!!!!!!*

logo

NTDB id 1067503 NSU12 RS12060 WP 343126746.1  GIDLIITDHHEPGPVLPDCLAIIHPKRADSNYPFKDLAGVGVAFKLVAALLGKVPEELLPFAAIGTIADLVPLKDENRLI   239
NTDB id 354 BSU 27620 NP 390640.1             GLDVIITDHHEPGPELPDVRAIVHPKQPGCTYPFKELAGVGVAFKLAHALLGELPDELLDLAAIGTIADLVPLHDENRLI   240
consensus                                     !*!*!!!!!!!!!!! !!!* !!*!!! * * !!!!*!!!!!!!!!! *!!!! *!*!!!* !!!!!!!!!!!!*!!!!!!

logo

NTDB id 1067503 NSU12 RS12060 WP 343126746.1  VKKALPLLQSSDHFGLKALMRVAGINQQELNEESISFGLAPRINAPGRLYHAGMVVDLFLANDKDEAEQLAHEINEINKE   319
NTDB id 354 BSU 27620 NP 390640.1             ATLGLERLRRTNRLGLKELIKLSGGDIGEANEETVGFQLAPRLNAVGRIEQADPAVHLLMSEDSFEAEELAAEIDQLNKE   320
consensus                                        *!* !  * * !!! !*** !    ! !!!** ! !!!!*!!*!!* *! * !*! *  !  !!! !!*!!  *!!!

logo

NTDB id 1067503 NSU12 RS12060 WP 343126746.1  RQEIVDKITVEAIEEISQSSNYIDDQVIVVGKEGWHAGVIGIVASRLVEKFYRPVIVFSFDQATGLAKGSARSIPKFNMY   399
NTDB id 354 BSU 27620 NP 390640.1             RQKMVSKMTDEAIEMVEQQ..GLDQTAIVVAKAGWNPGVVGIVASKLVDRFYRPAIVLGIDEEKGIAKGSARSIRGFNLF   398
consensus                                     !! *! !*! !!!! * ! ** *!   !!!*! !!**!!*!!!!!*!!**!!!! !!   !   !*!!!!!!!!* !!**

logo

NTDB id 1067503 NSU12 RS12060 WP 343126746.1  QNLFQCKELLPHFGGHPMAAGLTMKISDVPELRERLNRLASEQLDEEDFIPVTEVDGMIPLEDIHLQSVKELLQFAPFGT   479
NTDB id 354 BSU 27620 NP 390640.1             ESLSECRDILPHFGGHPMAAGMTLKAEDVPDLRSRLNEIADNTLTEEDFIPVQEVDLVCGVEDITVESIAEMNMLSPFGM   478
consensus                                       !  !***!!!!!!!!!!!!!*!*!  !!!*!! !!! *!   ! !!!!!!! !!! ****!!!** !* !*    !!!

logo

NTDB id 1067503 NSU12 RS12060 WP 343126746.1  ENPKPLLLINDIQLPQIKKVGADKNHLKAIIENHSAQLDCIGFHMGDLADEISPLSKASVIGELAINEWNHVSKPQFILK   559
NTDB id 354 BSU 27620 NP 390640.1             LNPKPHVLVENAVLEDVRKIGANKTHVKMTIRNESSQLDCVGFNKGELQEGIVPGSRISIVGEMSINEWNNRKKPQLMIK   558
consensus                                      !!!!**!*    !* **!*!! ! !*!  ! !*! !!!!*!!* !*! * ! ! !* !**!!* !!!!!*  !!! **!
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logo
NTDB id 1067503 NSU12 RS12060 WP 343126746.1  DICIDEWQLFDYRGNRRIDQWIHQVPEKSSKLIVFRKSTVNQMNLSEFAAGLEIIHSEASAKNCDIDGMNIVLIDLPQSK   639
NTDB id 354 BSU 27620 NP 390640.1             DAAVSEWQLFDLRGKRTWEDTVSALPSAKRAIVSFKEDSTTLLQTEDLRREVHVISSKDQAKAFDLDGAYIVLLDPPPSL   638
consensus                                     ! ** !!!!!! !! !  *  ** *!     ** !*  *   **  *    ***!*!   !! *!*!!  !!!*!*!*!

logo
NTDB id 1067503 NSU12 RS12060 WP 343126746.1  KQLESLLAGKQVARIYAHFYQDDIELLNTMPTREHFKWMYAFLHKKGVFDFRRYGAELAKYKGWSLHTIKFMLTVFFELN   719
NTDB id 354 BSU 27620 NP 390640.1             DMLARLLEGKAPERIYFIFLNHEDHFLSTFPARDHFKWYYAFLLKRGAFDVKKHGSELAKHKGWSVETINFMTKVFFDLG   718
consensus                                       !  !! !! * !!! *! *** * ! ! ! !*!!!! !!!!*!*! !! ***! !!!!*!!!!**!! !!  !!!*!

logo
NTDB id 1067503 NSU12 RS12060 WP 343126746.1  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