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logo
NTDB id 22143 BA RS21800 WP 000941254.1  MLQPKTRWKEKEYNGERVSELASKLQLSPLVVSLFLGRGLDTEDKILDFLNTENQEFHDPFLLEGMDRTVERVNKAIQNGEQILI   85
NTDB id 354 BSU 27620 NP 390640.1        MLASKMRWEIQRPDQDKVKSLTEQLHITPLVASLLVKRGFDTAESARLFLHTKDADFYDPFEMKGMKEAADRIKQAISQQEKIMI   85
consensus                                !! *! !!    *  **!  !   !***!!! !! * !! !! *    !!*!   *!*!!! * !!    *!*  !! * ! !*!

logo
NTDB id 22143 BA RS21800 WP 000941254.1  FGDYDADGVSSTTVLYLALQELGADVEFYIPNRFTEGYGPNEEAFRWAHSAGFSLIITVDTGIAAVHEAKVAKELGIDLIITDHH  170
NTDB id 354 BSU 27620 NP 390640.1        YGDYDADGVTSTSVMLHTLQKLSAQVDFYIPDRFKEGYGPNEQAFRSIKERGFSLIITVDTGIAAVHEAKVAKELGLDVIITDHH  170
consensus                                *!!!!!!!*!!*!* * !! ! ! !*!!!! !! !!!!!!! !!!  *  !!!!!!!!!!!!!!!!!!!!!!!!!!!!*!*!!!!!!

logo
NTDB id 22143 BA RS21800 WP 000941254.1  EPPPELPEALAIIHPKLDGGVYPFHYLAGVGVAFKVAHALLGRVPEHLLEIAVIGTVADLVSLHGENRLLVKRGLKHMRMTKNIG  255
NTDB id 354 BSU 27620 NP 390640.1        EPGPELPDVRAIVHPKQPGCTYPFKELAGVGVAFKLAHALLGELPDELLDLAAIGTIADLVPLHDENRLIATLGLERLRRTNRLG  255
consensus                                !!*!!!!*  !!*!!! *!* !!!* !!!!!!!!!*!!!!!! *!**!!**! !!!*!!!!*!! !!!!*   !! **! !  *!

logo
NTDB id 22143 BA RS21800 WP 000941254.1  LKALFKVANVSQSEITEESIGFSIAPRINAVGRLEDATLAVHLLLSEDPEEAKELAEEIDELNKLRKDIVKQITEEAIAEVENNF  340
NTDB id 354 BSU 27620 NP 390640.1        LKELIKLSGGDIGEANEETVGFQLAPRLNAVGRIEQADPAVHLLMSEDSFEAEELAAEIDQLNKERQKMVSKMTDEAIEMVEQQG  340
consensus                                !! ! !*      !  !!**!! *!!!*!!!!!*! ! *!!!!!*!!!* !! !!! !!! !!! !  *!  *!*!!!  !!**

logo
NTDB id 22143 BA RS21800 WP 000941254.1  PPEENKVLVLAKEGWNPGVIGIVASKLVERFYRPTIVLCIDPVKETAKGSARSIAGFDLFANLSDCRELLPHFGGHPMAAGMTLH  425
NTDB id 354 BSU 27620 NP 390640.1        ..LDQTAIVVAKAGWNPGVVGIVASKLVDRFYRPAIVLGIDEEKGIAKGSARSIRGFNLFESLSECRDILPHFGGHPMAAGMTLK  423
consensus                                ** **  *!*!! !!!!!!*!!!!!!!!*!!!!! !!!*!!* !  !!!!!!!! !! !!  !!*!!**!!!!!!!!!!!!!!!*

logo
NTDB id 22143 BA RS21800 WP 000941254.1  MNDVDELRRRLNEQAEEILTEEDFIPITAVDAFCKVEDVTLAAIEDMQKLAPFGVGNPKPRIAVKDAELESIRAIGSDGSHLKMA  510
NTDB id 354 BSU 27620 NP 390640.1        AEDVPDLRSRLNEIADNTLTEEDFIPVQEVDLVCGVEDITVESIAEMNMLSPFGMLNPKPHVLVENAVLEDVRKIGANKTHVKMT  508
consensus                                  !!**!! !!!! !*  !!!!!!!!*  !!  ! !!!*!*  ! *!* ! !!!* !!!!** !  ! !! *! !!   *!*!!

logo
NTDB id 22143 BA RS21800 WP 000941254.1  LFDGQATLDTIGFGFGAYAKEISPVAKVSVIGEASINEWNNFKKPQLMVKDIAVEAWQLFDWRSMRNVEANVAELPKEKITMVYF  595
NTDB id 354 BSU 27620 NP 390640.1        IRNESSQLDCVGFNKGELQEGIVPGSRISIVGEMSINEWNNRKKPQLMIKDAAVSEWQLFDLRGKRTWEDTVSALPSAKRAIVSF  593
consensus                                *!     !!**!!  !     ! !  **!**!! !!!!!!! !!!!!!*!! !!  !!!!! !  !  !  !  !!  !  *! !
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logo
NTDB id 22143 BA RS21800 WP 000941254.1  SKEVLHKFSLEDYKEHMM.....HASEVTELDEQYIVLLDLPKGTDELRDLFKVGFPSRIYTLFYQENNHLFSTVPTRDHFKWYY   675
NTDB id 354 BSU 27620 NP 390640.1        KEDSTTLLQTEDLRREVHVISSKDQAKAFDLDGAYIVLLDPPPSLDMLARLLEGKAPERIYFIFLNHEDHFLSTFPARDHFKWYY   678
consensus                                  *  *    !! * *********     *!!  !!!!!!*!*  ! !  !    ! !!! *! **  !  !! ! !!!!!!!!

logo
NTDB id 22143 BA RS21800 WP 000941254.1  SFLSQKSPFSLRQYGEQLCQHKGWSKDTVNFMTQVFFELEFVTIKDGVIFMADKKQKRDLIESNTYREKMNHLQLEKELVYSTYQ   760
NTDB id 354 BSU 27620 NP 390640.1        AFLLKRGAFDVKKHGSELAKHKGWSVETINFMTKVFFDLGFVKIENGVLSVVSGAKKRDLTDSQTYQAKQQLMELDQKLNYSSAE   763
consensus                                 !!  * *! ** *!  !* !!!!! *!*!!!! !!!*! !! !  !!* *    !!!! *!*!!  ! *** !*  ! !!*

logo
NTDB id 22143 BA RS21800 WP 000941254.1  QLYTWFETIRNHKEVEQLG....   779
NTDB id 354 BSU 27620 NP 390640.1        ELKEWLNKLMKQDSEAYESTRRT   786
consensus                                 !  !   *  *       ****
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X non conserved

X similar

X $\geq$50% conserved