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logo

NTDB id 139450 AS52 RS22610 WP 049166221.1  MLQSKKRWNVQECDEQLVNEFVENLNITPLVASLLLNRGMTTVEAAREFLHVDAQTFHDPFLLHDMDKAVARIQQAIDHNEKIMI   85
NTDB id 354 BSU 27620 NP 390640.1           MLASKMRWEIQRPDQDKVKSLTEQLHITPLVASLLVKRGFDTAESARLFLHTKDADFYDPFEMKGMKEAADRIKQAISQQEKIMI   85
consensus                                   !! !! !! *!  !   !     !*!*!!!!!!!!!* !!  ! ! !! !!!      !*!!! ** !  !  !! !!! **!!!!!

logo

NTDB id 139450 AS52 RS22610 WP 049166221.1  YGDYDADGVSSTSVMLSALQQLGADTDFYIPNRFTEGYGPNKAAFDKINAGGYQLVITVDTGISAVEETAYARELDFDLIITDHH  170
NTDB id 354 BSU 27620 NP 390640.1           YGDYDADGVTSTSVMLHTLQKLSAQVDFYIPDRFKEGYGPNEQAFRSIKERGFSLIITVDTGIAAVHEAKVAKELGLDVIITDHH  170
consensus                                   !!!!!!!!!*!!!!!!* !! !  !  !!!!! !! !!!!!!  !!  !   !* !*!!!!!!! !!*!   !*!!  !*!!!!!!

logo

NTDB id 139450 AS52 RS22610 WP 049166221.1  EPGPVLPDAYAIIHPKLPGSTYPFKELAGVGVAFKLAHALLGELPEHLLELAVIGTIADLVPLVDENRLIARKGLGYLKLTKRTG  255
NTDB id 354 BSU 27620 NP 390640.1           EPGPELPDVRAIVHPKQPGCTYPFKELAGVGVAFKLAHALLGELPDELLDLAAIGTIADLVPLHDENRLIATLGLERLRRTNRLG  255
consensus                                   !!!! !!!  !!*!!! !!*!!!!!!!!!!!!!!!!!!!!!!!!!**!!*!! !!!!!!!!!!*!!!!!!!  !!  !* ! ! !

logo

NTDB id 139450 AS52 RS22610 WP 049166221.1  IEALLSVCGVKREEITEDTIGFAMAPRINAVGRLQDADPAVHLLMTTNAEEAKGLAKEIDALNKERQQIVNDITEEAVEFVESMY  340
NTDB id 354 BSU 27620 NP 390640.1           LKELIKLSGGDIGEANEETVGFQLAPRLNAVGRIEQADPAVHLLMSEDSFEAEELAAEIDQLNKERQKMVSKMTDEAIEMVEQQG  340
consensus                                   *  !* **!    !  !*!*!! *!!!*!!!!!* !!!!!!!!!!*    !!  !! !!! !!!!!! *!  *!*!!*! !!

logo

NTDB id 139450 AS52 RS22610 WP 049166221.1  PPDENSVLIVEGEGWNAGVVGIVASRLVEKFYRPTIVLSVDSENHIAKGSARSIQGFDLFANLSKCRDILPHFGGHPMAAGMTLN  425
NTDB id 354 BSU 27620 NP 390640.1           L..DQTAIVVAKAGWNPGVVGIVASKLVDRFYRPAIVLGIDEEKGIAKGSARSIRGFNLFESLSECRDILPHFGGHPMAAGMTLK  423
consensus                                   ****** **!    !!!*!!!!!!!!!*!!**!!!! !!! *! ! *!!!!!!!!! !! !!  !! !!!!!!!!!!!!!!!!!!!

logo

NTDB id 139450 AS52 RS22610 WP 049166221.1  SEDVEELRRRLNEQASNVLTQQDFIPITSVDTVCKTEEITLENIEQMSALAPFGMHNPKPKVLIKDVHTTSMRKIGANKNHLKLV  510
NTDB id 354 BSU 27620 NP 390640.1           AEDVPDLRSRLNEIADNTLTEEDFIPVQEVDLVCGVEDITVESIAEMNMLSPFGMLNPKPHVLVENAVLEDVRKIGANKTHVKMT  508
consensus                                    !!!**!! !!!! ! ! !!  !!!!*  !! !!  !*!!*! !  !  ! !!!!*!!!!*!!*   *   *!!!!!!! !*!*

logo

NTDB id 139450 AS52 RS22610 WP 049166221.1  FEDSGVSVDAVGFGLGYILDEVSPIAKVSLVGELSINEWNNMRKPQLMVEDISVDEWQMFDYRSAVDVKRFFEQVFTDQMKVVAF  595
NTDB id 354 BSU 27620 NP 390640.1           IRNESSQLDCVGFNKGELQEGIVPGSRISIVGEMSINEWNNRKKPQLMIKDAAVSEWQLFDLRGKRTWEDTVSALPSAKRAIVSF  593
consensus                                          *!*!!!  ! * * *  !  **!*!!!*!!!!!!! *!!!!!* !  ! !!!*!! !           ***    *! !
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logo
NTDB id 139450 AS52 RS22610 WP 049166221.1  HDSTIDKYKSMLPMEHVVLIQNEEQAKACMFAGEQIVLLDLPPSQKWLEALFVQGIPSRIYAIFLTEEDHYFDTIPTRDHFKWFY   680
NTDB id 354 BSU 27620 NP 390640.1           KEDSTTLLQTEDLRREVHVISSKDQAKAFDLDGAYIVLLDPPPSLDMLARLLEGKAPERIYFIFLNHEDHFLSTFPARDHFKWYY   678
consensus                                   ** *     *  *  *!**!   *!!!!*   !  !!!!!*!!!   !  !    ! !!! !!! *!!!*  ! ! !!!!!!*!

logo
NTDB id 139450 AS52 RS22610 WP 049166221.1  GFLAKKGPFDLKRYKEDLAIHKGWSKETIDFMAKVFFELEFVTINNGLISLVKNSTKRDLIESATYRQKQQQIEIEKNFIYTSYV   765
NTDB id 354 BSU 27620 NP 390640.1           AFLLKRGAFDVKKHGSELAKHKGWSVETINFMTKVFFDLGFVKIENGVLSVVSGAKKRDLTDSQTYQAKQQLMELDQKLNYSSAE   763
consensus                                   *!! !*!*!!*!**  *!! !!!!! !!! !! !!!!*! !! ! !!**!*!    !!!! *! !!  !!! *!**    !*!

logo
NTDB id 139450 AS52 RS22610 WP 049166221.1  QLKNQFQDIFKRSIE........   780
NTDB id 354 BSU 27620 NP 390640.1           ELKEWLNKLMKQDSEAYESTRRT   786
consensus                                    !!    * * !   !********
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X non conserved

X similar

X $\geq$ 50% conserved