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logo

NTDB id 1088476 ACLD94 RS12375 WP 032873845.1  MLASKMRWEIQQPDQEKVKSLTEQLDITPLVASLLVKRGFDTAESARLFLHTKDADFYDPYELKGMREAVDRIKLAVSQG   80
NTDB id 354 BSU 27620 NP 390640.1              MLASKMRWEIQRPDQDKVKSLTEQLHITPLVASLLVKRGFDTAESARLFLHTKDADFYDPFEMKGMKEAADRIKQAISQQ   80
consensus                                      !!!!!!!!!!! !!!*!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!*!!!*!! !!!! !*!!

logo

NTDB id 1088476 ACLD94 RS12375 WP 032873845.1  EPIMIYGDYDADGVTSTSVMLTALRQLSADVDFYIPDRFTEGYGPNEQAFRSIKERGFSLIITVDTGIAAVHEAEVAKEL  160
NTDB id 354 BSU 27620 NP 390640.1              EKIMIYGDYDADGVTSTSVMLHTLQKLSAQVDFYIPDRFKEGYGPNEQAFRSIKERGFSLIITVDTGIAAVHEAKVAKEL  160
consensus                                      !*!!!!!!!!!!!!!!!!!!!* !  !!! !!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!!!

logo

NTDB id 1088476 ACLD94 RS12375 WP 032873845.1  GLDVIITDHHEPGPELPDVFAIIHPKQPGCGYPFKELAGVGVAFKLAHALTGSLPEAMLDLAAIGTVADLVPLHDENRLI  240
NTDB id 354 BSU 27620 NP 390640.1              GLDVIITDHHEPGPELPDVRAIVHPKQPGCTYPFKELAGVGVAFKLAHALLGELPDELLDLAAIGTIADLVPLHDENRLI  240
consensus                                      !!!!!!!!!!!!!!!!!!!! !!*!!!!!!! !!!!!!!!!!!!!!!!!!!! ! !!* *!!!!!!!!*!!!!!!!!!!!!!

logo

NTDB id 1088476 ACLD94 RS12375 WP 032873845.1  ASLGIERLRTTNRPGLKALIKLSGGDIGQADEETIGFQVAPRLNAVGRIEQADPAVHLLMTEDQFEAEELASDIDRLNKE  320
NTDB id 354 BSU 27620 NP 390640.1              ATLGLERLRRTNRLGLKELIKLSGGDIGEANEETVGFQLAPRLNAVGRIEQADPAVHLLMSEDSFEAEELAAEIDQLNKE  320
consensus                                      !*!!*!!!! !!!*!!! !!!!!!!!!! ! !!!*!!!*!!!!!!!!!!!!!!!!!!!!!*!! !!!!!!! *!! !!!!

logo

NTDB id 1088476 ACLD94 RS12375 WP 032873845.1  RQKMVKTMTEEAVEMVQQQGGNPSAIVVAKAGWNPGVVGIVASKLAERFYRPAVVLGIDEEQGIAKGSARSIRGFNLFTS  400
NTDB id 354 BSU 27620 NP 390640.1              RQKMVSKMTDEAIEMVEQQGLDQTAIVVAKAGWNPGVVGIVASKLVDRFYRPAIVLGIDEEKGIAKGSARSIRGFNLFES  400
consensus                                      !!!!!  !!*!!*!!! !!!  **!!!!!!!!!!!!!!!!!!!!! *!!!!!!*!!!!!!! !!!!!!!!!!!!!!! !

logo

NTDB id 1088476 ACLD94 RS12375 WP 032873845.1  LSQCRDILPHFGGHPMAAGMTLKAEDVAELRDRLNQMAEETLTEEDFIPVQEVDLVCGVEDITVESITELNMLSPFGMLN  480
NTDB id 354 BSU 27620 NP 390640.1              LSECRDILPHFGGHPMAAGMTLKAEDVPDLRSRLNEIADNTLTEEDFIPVQEVDLVCGVEDITVESIAEMNMLSPFGMLN  480
consensus                                      !! !!!!!!!!!!!!!!!!!!!!!!!!!**!! !!! *!* !!!!!!!!!!!!!!!!!!!!!!!!!!! !*!!!!!!!!!!

logo

NTDB id 1088476 ACLD94 RS12375 WP 032873845.1  PKPHVMVKNAVLDDVRLIGANKNHVKMTVKSDSAVLDCVGFNKGELEAGVVPGSTISIVGEMSINEWNNRKKPQLMIKDA  560
NTDB id 354 BSU 27620 NP 390640.1              PKPHVLVENAVLEDVRKIGANKTHVKMTIRNESSQLDCVGFNKGELQEGIVPGSRISIVGEMSINEWNNRKKPQLMIKDA  560
consensus                                      !!!!!*! !!!!*!!! !!!!! !!!!!** *!  !!!!!!!!!!!  !*!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!
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logo

NTDB id 1088476 ACLD94 RS12375 WP 032873845.1  AVPEWQLFDIRGKRTWEDTVTALPKEKRVLISFNEKTAQKLREKELSGEFAGITSESEAKALQLDGKYAVFLDVPPSADR   640
NTDB id 354 BSU 27620 NP 390640.1              AVSEWQLFDLRGKRTWEDTVSALPSAKRAIVSFKEDSTTLLQTEDLRREVHVISSKDQAKAFDLDGAYIVLLDPPPSLDM   640
consensus                                      !!*!!!!!!*!!!!!!!!!!*!!!  !! **!! ! *   !   *!  ! * !*!   !!!  !!! ! ! !!*!!! !

logo

NTDB id 1088476 ACLD94 RS12375 WP 032873845.1  LQHLLDGKKPERIYFYFINHEEHFLSSFPSRNDFKWFYAFLLKRGAFDFGKHGSELARHRGWSIDTINFMTKVFFDLGFV   720
NTDB id 354 BSU 27620 NP 390640.1              LARLLEGKAPERIYFIFLNHEDHFLSTFPARDHFKWYYAFLLKRGAFDVKKHGSELAKHKGWSVETINFMTKVFFDLGFV   720
consensus                                      ! *!!*!! !!!!!!*!*!!!*!!!!*!! ! *!!!*!!!!!!!!!!!  !!!!!!!*!*!!!**!!!!!!!!!!!!!!!

logo

NTDB id 1088476 ACLD94 RS12375 WP 032873845.1  KIEDGVLSVVSGAKKRDLADSQTYQVKQQLMELDQKLNYSAAHELKEWLNKLMNQGSEAYESTRRT   786
NTDB id 354 BSU 27620 NP 390640.1              KIENGVLSVVSGAKKRDLTDSQTYQAKQQLMELDQKLNYSSAEELKEWLNKLMKQDSEAYESTRRT   786
consensus                                      !!! !!!!!!!!!!!!!! !!!!!! !!!!!!!!!!!!!! !*!!!!!!!!!! ! !!!!!!!!!!
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X non conserved

X similar

X $\geq$ 50% conserved