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logo
NTDB id 1085067 ACLIMA RS15405 WP 003183965.1  MLASKMRWDVQTPDKEKVEQLAGRLGITPLAASLLVMRGYDTADKASSFLYGNDARFHDPYLLKDMEKAVRRIKQAISDQ   80
NTDB id 354 BSU 27620 NP 390640.1              MLASKMRWEIQRPDQDKVKSLTEQLHITPLVASLLVKRGFDTAESARLFLHTKDADFYDPFEMKGMKEAADRIKQAISQQ   80
consensus                                      !!!!!!!!**! !! *!!  !   !*!!!! !!!!! !!*!!!* !  !!*  !! !*!!* *! !  !  !!!!!!! !

logo
NTDB id 1085067 ACLIMA RS15405 WP 003183965.1  EKIMIYGDYDADGVTSTTVLLQMLKKCSAQADFYIPDRFKEGYGPNEQAFRGIKESGYSLIITVDTGIAGVHEAEVAKEL  160
NTDB id 354 BSU 27620 NP 390640.1              EKIMIYGDYDADGVTSTSVMLHTLQKLSAQVDFYIPDRFKEGYGPNEQAFRSIKERGFSLIITVDTGIAAVHEAKVAKEL  160
consensus                                      !!!!!!!!!!!!!!!!!!*!*!* ! !*!!! !!!!!!!!!!!!!!!! !!! !!! !*!!!!!!!!!!!!*!!!! !!!!!

logo
NTDB id 1085067 ACLIMA RS15405 WP 003183965.1  GIDLIITDHHEPGPVLPDAYAIIHPKQPGCGYPFKELAGVGVAFKLAHALNGELPEDLLDLCAIGTIADLVPLHDENRQI  240
NTDB id 354 BSU 27620 NP 390640.1              GLDVIITDHHEPGPELPDVRAIVHPKQPGCTYPFKELAGVGVAFKLAHALLGELPDELLDLAAIGTIADLVPLHDENRLI  240
consensus                                      !*!*!!!!!!!!!!! !!!  !!*!!!!!!! !!!!!!!!!!!!!!!!!!! !!!!**!!!!*!!!!!!!!!!!!!!!! !

logo
NTDB id 1085067 ACLIMA RS15405 WP 003183965.1  AKRGMEQFRKTKRPGLKALAKIAGAEIHNADEETIGFQIAPRLNAVGRIEQADPAVYLLNTEDEREAEELAEDINALNKE  320
NTDB id 354 BSU 27620 NP 390640.1              ATLGLERLRRTNRLGLKELIKLSGGDIGEANEETVGFQLAPRLNAVGRIEQADPAVHLLMSEDSFEAEELAAEIDQLNKE  320
consensus                                      !  !*!  !*! !*!!! ! !* !**!* ! !!!*!!!*!!!!!!!!!!!!!!!!!*!! *!!  !!!!!! *!  !!!!

logo
NTDB id 1085067 ACLIMA RS15405 WP 003183965.1  RQKIVNQMTEEAVQMIEEEGLDQPVIVVARPGWNPGVVGIVASKLVERFYRPAIVLGVDEEKGIAKGSARSIKGFDLFQN  400
NTDB id 354 BSU 27620 NP 390640.1              RQKMVSKMTDEAIEMVEQQGLDQTAIVVAKAGWNPGVVGIVASKLVDRFYRPAIVLGIDEEKGIAKGSARSIRGFNLFES  400
consensus                                      !!!*!  !!*!!* !*!  !!!!* !!!!**!!!!!!!!!!!!!!!!*!!!!!!!!!!*!!!!!!!!!!!!!!!*!! !!

logo
NTDB id 1085067 ACLIMA RS15405 WP 003183965.1  LSECRDILPHFGGHPMAAGMTLNLEDVSALRERINRQAEAVLTEADFIPVQDVDLCCRLEDISVDSIAEMNLLAPFGTGN  480
NTDB id 354 BSU 27620 NP 390640.1              LSECRDILPHFGGHPMAAGMTLKAEDVPDLRSRLNEIADNTLTEEDFIPVQEVDLVCGVEDITVESIAEMNMLSPFGMLN  480
consensus                                      !!!!!!!!!!!!!!!!!!!!!!!  !!!* !! !*!  !*  !!! !!!!!!*!!!*! *!!!*!*!!!!!!*! !!!   !

logo
NTDB id 1085067 ACLIMA RS15405 WP 003183965.1  PKPFVLVSDVKIDDARKIGANKNHLKLVLADDGNKLDCIGFYKGDIEEGIVPGAKISIVGELSINEWNNRKKPQLMIKDA  560
NTDB id 354 BSU 27620 NP 390640.1              PKPHVLVENAVLEDVRKIGANKTHVKMTIRNESSQLDCVGFNKGELQEGIVPGSRISIVGEMSINEWNNRKKPQLMIKDA  560
consensus                                      !!!*!!!    **! !!!!!!! !*!* *  *   !!!*!! !!** !!!!!! *!!!!!!*!!!!!!!!!!!!!!!!!!!!
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logo

NTDB id 1085067 ACLIMA RS15405 WP 003183965.1  AVNEWQLFDLRGKRSWEEKILKLDPAKRACICFREETKAKLAGTGLEEELTVISGPEDAERLDLESRYAVFIDIPQSLDI   640
NTDB id 354 BSU 27620 NP 390640.1              AVSEWQLFDLRGKRTWEDTVSALPSAKRAIVSFKEDSTTLLQTEDLRREVHVISSKDQAKAFDLDGAYIVLLDPPPSLDM   640
consensus                                      !! !!!!!!!!!!!*!!* *  !**!!!***!*!**   !    !  !**!!! ** !   !!*  ! ! *!*!*!!!*

logo

NTDB id 1085067 ACLIMA RS15405 WP 003183965.1  FDHVINGKKLERIYLIFYQSDEHFFSTFPTREYFKWYYAFLLKRGSFDLPKYGGELARHKGWTKDTIDFMTKVFFELGFV   720
NTDB id 354 BSU 27620 NP 390640.1              LARLLEGKAPERIYFIFLNHEDHFLSTFPARDHFKWYYAFLLKRGAFDVKKHGSELAKHKGWSVETINFMTKVFFDLGFV   720
consensus                                        *** !! *!!!! !! ****!! !!!! !**!!!!!!!!!!!! !!**!*! !!!*!!!!* *!! !!!!!!!*!!!!

logo

NTDB id 1085067 ACLIMA RS15405 WP 003183965.1  TIENGVLSVVYHAEKRDLTDSETYREKQRLIELEQKLIYSSADELKQWLDKRMAEKAGAYKV....   782
NTDB id 354 BSU 27620 NP 390640.1              KIENGVLSVVSGAKKRDLTDSQTYQAKQQLMELDQKLNYSSAEELKEWLNKLMKQDSEAYESTRRT   786
consensus                                       !!!!!!!!! *! !!!!!!! !!  !! !*!!*!!! !!!!*!!! !! ! !     !!  ****
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X non conserved

X similar

X $\geq$ 50% conserved