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logo
NTDB id 261332 CYJ15 RS10725 WP 017551046.1  MLQSRTRWRVPEMEPKAAATISQQLNVSPLVSKLLVNRGITDVEEARSFLFHEGLAYYDPFLLHDMEKAAARIREAIKKA   80
NTDB id 354 BSU 27620 NP 390640.1            MLASKMRWEIQRPDQDKVKSLTEQLHITPLVASLLVKRGFDTAESARLFLHTKDADFYDPFEMKGMKEAADRIKQAISQQ   80
consensus                                    !! !* !! ** ***    *** !!***!!!  !!! !!    ! !! !!**    *!!!! ** !  !! !!* !!

logo

NTDB id 261332 CYJ15 RS10725 WP 017551046.1  EPVLVFGDYDADGVTSTAIMMAALNDLGAHAEFYIPDRFKEGYGPNEAAFRRAAEEGFQLIITVDTGIAAVHEAEVARKL  160
NTDB id 354 BSU 27620 NP 390640.1            EKIMIYGDYDADGVTSTSVMLHTLQKLSAQVDFYIPDRFKEGYGPNEQAFRSIKERGFSLIITVDTGIAAVHEAKVAKEL  160
consensus                                    !*****!!!!!!!!!!! *!** !* ! !* *!!!!!!!!!!!!!!! !!!   ! !! !!!!!!!!!!!!!! !!* !

logo

NTDB id 261332 CYJ15 RS10725 WP 017551046.1  GITLIITDHHEPGPVLPEAFAIVHPKHPESTYPFRELSGAGVAFKVAHALYGKVPEQLEDLAAIGTVADLVPLLDENRLI  240
NTDB id 354 BSU 27620 NP 390640.1            GLDVIITDHHEPGPELPDVRAIVHPKQPGCTYPFKELAGVGVAFKLAHALLGELPDELLDLAAIGTIADLVPLHDENRLI  240
consensus                                    !* *!!!!!!!!!! !!*  !!!!!!*! *!!!!*!! ! !!!!!*!!!! ! *!* ! !!!!!!!*!!!!!!*!!!!!!

logo

NTDB id 261332 CYJ15 RS10725 WP 017551046.1  AINGIKRLRTTKRAGLVALCRCADIRQEEINEETIGFVLAPRLNAAGRLQHAAPAAELLMTEDTEEAGMLAETIDGLNKE  320
NTDB id 354 BSU 27620 NP 390640.1            ATLGLERLRRTNRLGLKELIKLSGGDIGEANEETVGFQLAPRLNAVGRIEQADPAVHLLMSEDSFEAEELAAEIDQLNKE  320
consensus                                    !  !* !!! ! ! !!  !***     ! !!!!*!! !!!!!!! !!* *! !! *!!!*!!* !!  !!  !! !!!!

logo

NTDB id 261332 CYJ15 RS10725 WP 017551046.1  RQKIVNDMTNEAIELVEEEVEKGARVLVVGKEGWNAGVIGIAASRLTERFYRPAIVLSFDPETGLAKGSARSIDGFHMFN  400
NTDB id 354 BSU 27620 NP 390640.1            RQKMVSKMTDEAIEMVEQQGL.DQTAIVVAKAGWNPGVVGIVASKLVDRFYRPAIVLGIDEEKGIAKGSARSIRGFNLFE  399
consensus                                    !!!*!  !! !!!!*!!    *    *!!*! !!!*!!*!! !!*! *!!!!!!!!!  !*! !*!!!!!!!! !!**!

logo

NTDB id 261332 CYJ15 RS10725 WP 017551046.1  ELSKCRDILPHFGGHPMAAGMTLSLSDVEELRRRLNEQAA.AFPDEMFVPVTNISAEISIEEAGMEAIREMALLSPFGTA  479
NTDB id 354 BSU 27620 NP 390640.1            SLSECRDILPHFGGHPMAAGMTLKAEDVPDLRSRLNEIADNTLTEEDFIPVQEVDLVCGVEDITVESIAEMNMLSPFGML  479
consensus                                     !! !!!!!!!!!!!!!!!!!!!   !!**!! !!!! ! *  **! !*!!  *   * *!*  *! ! !! *!!!!!

logo

NTDB id 261332 CYJ15 RS10725 WP 017551046.1  NPKPLLLLDGAECPQIRAIGADGKHLKLTLSKNGTTLDGIGFGLGHLAPHISPSAYISVVGELSINEWNNIRKPQMMVKD  559
NTDB id 354 BSU 27620 NP 390640.1            NPKPHVLVENAVLEDVRKIGANKTHVKMTIRNESSQLDCVGFNKGELQEGIVPGSRISIVGEMSINEWNNRKKPQLMIKD  559
consensus                                    !!!!**!** ! ** *! !!!   !*!*!*    * !!**!!  !*! **! !   !!*!!!*!!!!!!! *!!!*!*!!
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logo
NTDB id 261332 CYJ15 RS10725 WP 017551046.1  IKIINWQLFDFRGNRPLKQWARYVPEEDQAFVVFQKETLRNLPLPDFSVRLVPVATMEEARAFDPANKNIVFLDLPKGPR   639
NTDB id 354 BSU 27620 NP 390640.1            AAVSEWQLFDLRGKRTWEDTVSALPSAKRAIVSFKEDSTTLLQTEDLRREVHVISSKDQAKAFDLDGAYIVLLDPPPSLD   639
consensus                                      ** !!!!! !! !*       *!    ! ! !  **   !* *!    **** * * !*!!!*    !! !!*!* *

logo
NTDB id 261332 CYJ15 RS10725 WP 017551046.1  MMAALLEGGSPARIYAYFYHAGNHFFSTFPTREHFKWFYAFLAKRKTFNLKQHGDELAAYRGWSRNTIDFISQVFFELDF   719
NTDB id 354 BSU 27620 NP 390640.1            MLARLLEGKAPERIYFIFLNHEDHFLSTFPARDHFKWYYAFLLKRGAFDVKKHGSELAKHKGWSVETINFMTKVFFDLGF   719
consensus                                    !*! !!!!  ! !!!  ! **  !! !!!! !*!!!!*!!!! !!  ! *! !! !!! **!!!  !! !** !!!*! !

logo
NTDB id 261332 CYJ15 RS10725 WP 017551046.1  VTIKDGFISLKAAKQKRDLKESLTYQKKLAQYQMEKDLLYSSFQELKMWFDQMIKPAVQYEEETAKWI   787
NTDB id 354 BSU 27620 NP 390640.1            VKIENGVLSVVSGAKKRDLTDSQTYQAKQQLMELDQKLNYSSAEELKEWLNKLMKQDSEAYESTRRT.   786
consensus                                    ! !  ! *!*  *  !!!! *! !!! !     **  ! !!!  !!! !   **!*     ! ! * *
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X non conserved

X similar

X $\geq$ 50% conserved