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logo

NTDB id 39381 GYMC52 RS13115 WP 013524215.1  MLKAKTRWEVERLDEQAVRRLAEEAGVTPLLARLLVRRGVRTASSEAVAFLNPLEQPFHDPFLLDGMERAIQRLKRAIDAG   80
NTDB id 354 BSU 27620 NP 390640.1            MLASKMRWEIQRPDQDKVKSLTEQLHITPLVASLLVKRGFDTAESARLFLHTKDADFYDPFEMKGMKEAADRIKQAISQQ   80
consensus                                    !!  ! !!!* !*!   !* ! !  **!!!*! !!!*!!  !!  !  !!** * *!*!!! * !!  !  !*! !!

logo

NTDB id 39381 GYMC52 RS13115 WP 013524215.1  ERVLVYGDYDADGVCSTSVMVSALKEAGASVEFYIPNRFTEGYGPNMAAFRSAKERGVSVIVTVDNGIAAVKEIAAANEW  160
NTDB id 354 BSU 27620 NP 390640.1            EKIMIYGDYDADGVTSTSVMLHTLQKLSAQVDFYIPDRFKEGYGPNEQAFRSIKERGFSLIITVDTGIAAVHEAKVAKEL  160
consensus                                    !****!!!!!!!!!*!!!!!** !    ! !*!!!! !! !!!!!!  !!!! !!!! !*!*!!! !!!!!*!   ! !

logo

NTDB id 39381 GYMC52 RS13115 WP 013524215.1  GMDVIVTDHHEPGPVLPEAHAIIHPKQPGSTYPFRDLAGVGVAFKVAHALLGRVPRHLLDLVAIGTIADLVPLVGENRLF  240
NTDB id 354 BSU 27620 NP 390640.1            GLDVIITDHHEPGPELPDVRAIVHPKQPGCTYPFKELAGVGVAFKLAHALLGELPDELLDLAAIGTIADLVPLHDENRLI  240
consensus                                    !*!!!*!!!!!!!! !!* *!!*!!!!!!*!!!!**!!!!!!!!!*!!!!!! *! *!!!! !!!!!!!!!!!* !!!!

logo

NTDB id 39381 GYMC52 RS13115 WP 013524215.1  VAHGLEALRATERIGLRALFRQCRIDAAAINEQTVGFVIAPRLNAAGRLGGADPAVALLMTDDENEAVQLAAEMDELNRE  320
NTDB id 354 BSU 27620 NP 390640.1            ATLGLERLRRTNRLGLKELIKLSGGDIGEANEETVGFQLAPRLNAVGRIEQADPAVHLLMSEDSFEAEELAAEIDQLNKE  320
consensus                                      *!!! !! ! !*!!* ! * *  ! *  !! !!!! *!!!!!! !!*  !!!!!*!!!**!  !!  !!!!*! !!*!

logo

NTDB id 39381 GYMC52 RS13115 WP 013524215.1  RQQLVAQIAEEAADMVRRQFPPEEHRVLVVAGEGWNAGVVGIVASKLVEQFYRPAVVLSIDREKGIAKGSARSIHGFDLF  400
NTDB id 354 BSU 27620 NP 390640.1            RQKMVSKMTDEAIEMVEQQGL..DQTAIVVAKAGWNPGVVGIVASKLVDRFYRPAIVLGIDEEKGIAKGSARSIRGFNLF  398
consensus                                    !! *!  * *!! *!!  ! *****  *!!!  !!!*!!!!!!!!!!* !!!!!*!! !! !!!!!!!!!!!!*!! !!

logo

NTDB id 39381 GYMC52 RS13115 WP 013524215.1  ASLSQCRDLLPHFGGHPMAAGMTLALDDVEELRQRLNAIAAETLSEDDFTPPTFIDASCSIAELTLSAARGLERFAPFGV  480
NTDB id 354 BSU 27620 NP 390640.1            ESLSECRDILPHFGGHPMAAGMTLKAEDVPDLRSRLNEIADNTLTEEDFIPVQEVDLVCGVEDITVESIAEMNMLSPFGM  478
consensus                                     !!!  !!!*!!!!!!!!!!!!!!!!  *!!**!! !!! !!  !!*!*!! !*  *!  ! * **!*     *    !!!*

logo

NTDB id 39381 GYMC52 RS13115 WP 013524215.1  GNPRPLVLIEGASVETMRRVGANGAHMKAVFSQDGAAIDAIGFGLGPLCEEIAPDARISAVGELSVNEWNGFAKPQLSLC  560
NTDB id 354 BSU 27620 NP 390640.1            LNPKPHVLVENAVLEDVRKIGANKTHVKMTIRNESSQLDCVGFNKGELQEGIVPGSRISIVGEMSINEWNNRKKPQLMIK  558
consensus                                     !!*!*!!*! ! *! *!**!!!  !*!    **   *!**!!  !*!*! ! !  !!! !!!*!*!!!!   !!!! **
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logo
NTDB id 39381 GYMC52 RS13115 WP 013524215.1  DLAVSDCQLFDVRGCRDVRPLLERLPKEKRLVVSFRCETGQRPDVAPFRGELHCVPTEEEAGALSIDDRYVVLLDVPPRL  640
NTDB id 354 BSU 27620 NP 390640.1            DAAVSEWQLFDLRGKRTWEDTVSALPSAKRAIVSFKEDSTTLLQTEDLRREVHVISSKDQAKAFDLDGAYIVLLDPPPSL  638
consensus                                    !  !!!**!!!!*!!*!    * *  !!   !! *!!!****    *    * ! !*!**** * ! !   *!   !*!!!!*!! !

logo
NTDB id 39381 GYMC52 RS13115 WP 013524215.1  ALLSALLRNGRPARIYAVFAQPEAQFFRTFPTREHFKWFYAFLHQNRSFSLAKRGGELARVRGWTEETIHFMAKVFLELD  720
NTDB id 354 BSU 27620 NP 390640.1            DMLARLLEGKAPERIYFIFLNHEDHFLSTFPARDHFKWYYAFLLKRGAFDVKKHGSELAKHKGWSVETINFMTKVFFDLG  718
consensus                                     *!  !!    ! !!! *! * ! *!  !!! !*!!!!*!!!!*    ! * !*! !!!***!!* !!!*!! !!! *!

logo
NTDB id 39381 GYMC52 RS13115 WP 013524215.1  FISEQNGVISLVHQPAKRDLHESSTYRRRRDELEAEHQLVYSTYEQLKRCLAEMTRSQTHEEANVSWT  788
NTDB id 354 BSU 27620 NP 390640.1            FVKIENGVLSVVSGAKKRDLTDSQTYQAKQQLMELDQKLNYSSAEELKEWLNKLMKQDSEAYESTRRT  786
consensus                                    !*   !!!*!*!* * !!!!**! !!  *   *! ** ! !!* ! !! *!  * *  **       !
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X non conserved

X similar

X ≥ 50% conserved