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logo
NTDB id 1026533 AB4J90 RS14280 WP 171355463.1  MLKAKTRWEVDCPDEQTVRRLAEEADIAPLLAKLLVRRGVRTAAEAAAFLDPLGQPFHDPFLLDGMERAVRRLERAINTG   80
NTDB id 354 BSU 27620 NP 390640.1              MLASKMRWEIQRPDQDKVKSLTEQLHITPLVASLLVKRGFDTAESARLFLHTKDADFYDPFEMKGMKEAADRIKQAISQQ   80
consensus                                      !!  ! !!!* *!!   !* ! !  *! !!*! !!!*!!  !!  !  !!**   *!*!!! * !!  !  !*  !!

logo
NTDB id 1026533 AB4J90 RS14280 WP 171355463.1  ELVLVYGDYDADGVCSTSVMVSALKEAGASVEFYIPNRFTEGYGPNLAAFRAAKERGVSVIVTVDNGIAAVDEIAAANEW  160
NTDB id 354 BSU 27620 NP 390640.1              EKIMIYGDYDADGVTSTSVMLHTLQKLSAQVDFYIPDRFKEGYGPNEQAFRSIKERGFSLIITVDTGIAAVHEAKVAKEL  160
consensus                                      ! ***!!!!!!!!!*!!!!!** !    ! !*!!!! !! !!!!!!  !!!  !!!! !*!*!!! !!!!!*!   ! !

logo
NTDB id 1026533 AB4J90 RS14280 WP 171355463.1  GLDVIVTDHHEPGPVLPEAYAIIHPKKPGSTYPFRDLAGVGVAFKVAHALLGRVPRHLLDLVAIGTIADLVPLVGENRLL  240
NTDB id 354 BSU 27620 NP 390640.1              GLDVIITDHHEPGPELPDVRAIVHPKQPGCTYPFKELAGVGVAFKLAHALLGELPDELLDLAAIGTIADLVPLHDENRLI  240
consensus                                      !!!!!*!!!!!!!! !!*  !!*!!! !!*!!!!**!!!!!!!!!*!!!!!! *! *!!!! !!!!!!!!!!!* !!!!*

logo
NTDB id 1026533 AB4J90 RS14280 WP 171355463.1  AAQGLEALRETNRVGLRALWRQCRIDAMTVNEQTVGFAIAPRLNAAGRLGGADPAVALLMTDDEGEAARLAQEMDELNRE  320
NTDB id 354 BSU 27620 NP 390640.1              ATLGLERLRRTNRLGLKELIKLSGGDIGEANEETVGFQLAPRLNAVGRIEQADPAVHLLMSEDSFEAEELAAEIDQLNKE  320
consensus                                      !  !!! !! !!!*!!* ! * *  !    !! !!!! *!!!!!! !!*  !!!!!*!!!**!  !!  !! !*! !!*!

logo
NTDB id 1026533 AB4J90 RS14280 WP 171355463.1  RQQLVAQMAEEAAEMVRRQFPPEEHRVLVVAGEGWNPGVVGIVASKLVEQFYRPAVVLSMDREKGIAKGSARSIHGFDLF  400
NTDB id 354 BSU 27620 NP 390640.1              RQKMVSKMTDEAIEMVEQQGL..DQTAIVVAKAGWNPGVVGIVASKLVDRFYRPAIVLGIDEEKGIAKGSARSIRGFNLF  398
consensus                                      !! *!  ! *!! !!!  ! *****  *!!!  !!!!!!!!!!!!!!!* !!!!!*!! *! !!!!!!!!!!!!*!! !!

logo
NTDB id 1026533 AB4J90 RS14280 WP 171355463.1  ASLSQCRDILPHFGGHPMAAGMTLALDDVEELRERLNAIAARTLSDDDFTPPTFIDAACSVDELTLSAARSFERLAPFGV  480
NTDB id 354 BSU 27620 NP 390640.1              ESLSECRDILPHFGGHPMAAGMTLKAEDVPDLRSRLNEIADNTLTEEDFIPVQEVDLVCGVEDITVESIAEMNMLSPFGM  478
consensus                                       !!! !!!!!!!!!!!!!!!!!!  *!!**!! !!! !!  !!***!! !*  *!  ! !***!*        ! !!!*

logo
NTDB id 1026533 AB4J90 RS14280 WP 171355463.1  SNPRPLLLIEEVAVETMRRVGANGAHMKAVFSQNGAAIDAIGFGLGPLCEEIAPGACVSAVGELSVNEWNGLAKPQLSLC  560
NTDB id 354 BSU 27620 NP 390640.1              LNPKPHVLVENAVLEDVRKIGANKTHVKMTIRNESSQLDCVGFNKGELQEGIVPGSRISIVGEMSINEWNNRKKPQLMIK  558
consensus                                       !!*!**!*!   *! *!**!!!  !*!    *    *!**!!  !*!*! ! !! **! !!!*!*!!!!   !!!! **
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logo

NTDB id 1026533 AB4J90 RS14280 WP 171355463.1  DVAVSSCQVFDVRGCRDVHPLIERMPKEKRLLVLFRRETENQLNLTAFRDELHYVASDEEAGALAIDGRYVVLLDLPPKL   640
NTDB id 354 BSU 27620 NP 390640.1              DAAVSEWQLFDLRGKRTWEDTVSALPSAKRAIVSFKEDSTTLLQTEDLRREVHVISSKDQAKAFDLDGAYIVLLDPPPSL   638
consensus                                      ! !!! *!*!!*!!*!   ** *  *!  !! *! !* **   !*    ! !*! * ! * ! !  *!! !*!!!!*!! !

logo

NTDB id 1026533 AB4J90 RS14280 WP 171355463.1  RRLAVLLGNGQPERIYAVFAQPEAQFFRTFPTRDHFKWFYAFLHKYRSFPLAERGGQLARARGWTEETVHFMAKVFLELE   720
NTDB id 354 BSU 27620 NP 390640.1              DMLARLLEGKAPERIYFIFLNHEDHFLSTFPARDHFKWYYAFLLKRGAFDVKKHGSELAKHKGWSVETINFMTKVFFDLG   718
consensus                                        !! !!    !!!!! *! * ! *!  !!! !!!!!!*!!!!*!   !**  *!  !!***!!* !!**!! !!! *!

logo

NTDB id 1026533 AB4J90 RS14280 WP 171355463.1  FIREQDGVISLVHAPEKRDLHESPTYRRRRRDELEVEQQLLYSTYEQLKRCLAEMTRSQ..TYEEANV.   785
NTDB id 354 BSU 27620 NP 390640.1              FVKIENGVLSVVSGAKKRDLTDSQTYQAKQQLMELDQKLNYSSAEELKEWLNKLMKQDSEAYESTRRT   786
consensus                                      !**   !!*!*!*** !!!!**!*!!  *   *!**! ! !!* ! !! *!  * *  ** !!    *
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X non conserved

X similar

X $\geq$ 50% conserved