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logo
NTDB id 364476 FED51 RS06855 WP 053431589.1  MLESKARWNVAEQLDERIRPLLEHLHIEPIVAKLLVIRGIDTVEEAKTFLQVDESLLHDPYELDGMEQVVARVRQAIKAE   80
NTDB id 354 BSU 27620 NP 390640.1            MLASKMRWEIQRPDQDKVKSLTEQLHITPLVASLLVKRGFDTAESARLFLHTKDADFYDPFEMKGMKEAADRIKQAISQQ   80
consensus                                    !! !! !! *  *  *****! !*!!! !*!! !!! !! !! ! !* !!*  *   *!!*!* !!     !**!!!

logo
NTDB id 364476 FED51 RS06855 WP 053431589.1  EKILIYGDYDADGVSSTSVMVYTLRELGAQFDYYIPNRFTEGYGPNENALRWAKEEGYQLVITVDTGIAAVHEAEVAKEI  160
NTDB id 354 BSU 27620 NP 390640.1            EKIMIYGDYDADGVTSTSVMLHTLQKLSAQVDFYIPDRFKEGYGPNEQAFRSIKERGFSLIITVDTGIAAVHEAKVAKEL  160
consensus                                    !!!*!!!!!!!!!!*!!!!!**!!  ! !! !*!!! !! !!!!!!!*! !  !! !* !*!!!!!!!!!!!!! !!!!*

logo
NTDB id 364476 FED51 RS06855 WP 053431589.1  GLDFIVTDHHEPPPVLPDAVAIINPKKPGCSYPCKHLAGVGVAFKLAHALLERVPYDLLDLVAIGTIADLVPLTDENRWL  240
NTDB id 354 BSU 27620 NP 390640.1            GLDVIITDHHEPGPELPDVRAIVHPKQPGCTYPFKELAGVGVAFKLAHALLGELPDELLDLAAIGTIADLVPLHDENRLI  240
consensus                                    !!! !*!!!!!!*! !!!  !!**!! !!!*!!*!*!!!!!!!!!!!!!!!  *! *!!!! !!!!!!!!!!!*!!!! *

logo
NTDB id 364476 FED51 RS06855 WP 053431589.1  AKEGLKAIETTTKPGIQALKKVCGFHEDNVQAEHVGFGIGPRINAAGRLDSAKPAVELLITDQVETGQQLAEQIDLLNKE  320
NTDB id 354 BSU 27620 NP 390640.1            ATLGLERLRRTNRLGLKELIKLSGGDIGEANEETVGFQLAPRLNAVGRIEQADPAVHLLMSEDSFEAEELAAEIDQLNKE  320
consensus                                    !  !!  *  ! **!*  ! !**! *    * !*!!! **!!*!! !!** ! !!!*!!***    *  !!  !! !!!!

logo
NTDB id 364476 FED51 RS06855 WP 053431589.1  RQAIVSEIAAEAINLVKELYPPEDNHVLVVGGHGWNPGVIGIVASRLVETFYRPTIVLSYDEEKGIAKGSARSIEGFDMF  400
NTDB id 354 BSU 27620 NP 390640.1            RQKMVSKMTDEAIEMVEQQ..GLDQTAIVVAKAGWNPGVVGIVASKLVDRFYRPAIVLGIDEEKGIAKGSARSIRGFNLF  398
consensus                                    !! *!! *  !!! *!   *** !** *!!* *!!!!!!*!!!!!*!!* !!!! !!!  !!!!!!!!!!!!!! !! *!

logo
NTDB id 364476 FED51 RS06855 WP 053431589.1  HELSKNRELLPHFGGHPMAAGLTMSLQDVDELRKRMNAQAREALRPEDFIPITRIDVQASVDEISVSTIEKMNALAPYGV  480
NTDB id 354 BSU 27620 NP 390640.1            ESLSECRDILPHFGGHPMAAGMTLKAEDVPDLRSRLNEIADNTLTEEDFIPVQEVDLVCGVEDITVESIAEMNMLSPFGM  478
consensus                                    * !! *!**!!!!!!!!!!!!*!*   !!**!! !*!  !   ! *!!!!!*  *!* * !**!*! *!  !! ! !*!*

logo
NTDB id 364476 FED51 RS06855 WP 053431589.1  GNPEPKVMLTDVKIEGMRKIGAASNHLKVTFQQNGTTLDGVGFHLGHLSDEISPTARVSAVGVLSINEWNGHVKPQLMIE  560
NTDB id 354 BSU 27620 NP 390640.1            LNPKPHVLVENAVLEDVRKIGANKTHVKMTIRNESSQLDCVGFNKGELQEGIVPGSRISIVGEMSINEWNNRKKPQLMIK  558
consensus                                     !! !*!**    *! *!!!!!   !*!*!  *  * !!*!!!* !*! * ! !  !*! !! *!!!!!! * !!!!!!
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logo
NTDB id 364476 FED51 RS06855 WP 053431589.1  DLAVNEWQLFDWRSARVDILSERIVGLPEEKRLLIAFREQTVQALGLA....SFNVFDGNDLANIPSMENRYVVLLDPPV  636
NTDB id 354 BSU 27620 NP 390640.1            DAAVSEWQLFDLRGKRT..WEDTVSALPSAKRAIVSFKEDSTTLLQTEDLRREVHVISSKDQAKAFDLDGAYIVLLDPPP  636
consensus                                    ! !! !!!!!! !  ! **  * * *!!  !! ** !*! *   !   ****  *!    ! !  * **  !*!!!!!*

logo
NTDB id 364476 FED51 RS06855 WP 053431589.1  ESNQLSALFVEGGCPSRIYSIFYQEEDSYFSTNPTREHFRWFYGFLMKQKQFNLHTHGRRLAHTRGWTEETISFMAKVFF  716
NTDB id 354 BSU 27620 NP 390640.1            SLDML.ARLLEGKAPERIYFIFLNHEDHFLSTFPARDHFKWYYAFLLKRGAFDVKKHGSELAKHKGWSVETINFMTKVFF  715
consensus                                        !*!  *!! *! !!! !! **!!** !! ! !*!!*!*!*!!*!   ! ** !!  !!***!!* !!! !! !!!!

logo
NTDB id 364476 FED51 RS06855 WP 053431589.1  ELGFVTIKDGVITLVEAPEKKGLDQSRTFRMKQEQATIEQQFVYSSYEELKQWFTRAIQERKIKETIQ...  784
NTDB id 354 BSU 27620 NP 390640.1            DLGFVKIENGVLSVVSGAKKRDLTDSQTYQAKQQLMELDQKLNYSSAEELKEWLNKLMKQDSEAYESTRRT  786
consensus                                    *!!!! !  !!***! ** !* !  ! !*  !!    **!   !!! !!!! !  * *          ***
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X non conserved

X similar

X $\geq$ 50% conserved