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logo
NTDB id 1165927 AB3Y92 RS15120 WP 144461870.1  MKKLTYTKLSTFLVFLSFLFVIYISYIYVFDIFNGARVEKNANGQTEVVDVEYLSLAYSSGLKEGDIILKINGQSNLIQD   80
NTDB id 91 BSU 31690 NP 391047.2               MKN.LIKKFTIAVIVLSILYISYTTYISMNGIIGTKIHKNDKSQFMIEEISESSYGQFVGLRQGDIILKINKEKP.SDK   78
consensus                                      !! *   ! *  ** !! !** ! *!! *  !  ! ***!!   !  * **   ! *   !!* !!!!!!!!   **

logo
NTDB id 1165927 AB3Y92 RS15120 WP 144461870.1  HMINGKLRNVQRIDIQRGNQIISLKNKTL...IGRESLFVYLIPLLLYSICLFCIFFIIKINKEPQRKSAFLLILFLLSI   157
NTDB id 91 BSU 31690 NP 391047.2               HLKWGYLSHINSLDILRSGKKIHLKDFDLVTLNRPYSFFLFVLPLFFYFLSIICIFYILKVNKKRRSFAAYILILLLLDI   158
consensus                                      !*  ! ! *** *!! !   !*!!  !***  * ! !****!!  ! *** !!!*!*!*!! *   !**!!! !! !

logo
NTDB id 1165927 AB3Y92 RS15120 WP 144461870.1  CVGYLSAGTSGIGDRFSHYVLLLCLSSVSILYIHFIYQYFKEFDVHLTNPKLIRYLYLIPIFNLAVHSLVSVSSELRKYV   237
NTDB id 91 BSU 31690 NP 391047.2               SIAYISAGGPFRGHIINRYINLFTFISSPILYLQFIQRYLGEIGKTFL..NRISFLYIIPIFNLGIEFFQDYLQVDIDFL   236
consensus                                      ***!*!!! *  !*   *!* ! *  ! *!!!**!!  !  !   *  **  ! *!!*!!!!!!***          **

logo
NTDB id 1165927 AB3Y92 RS15120 WP 144461870.1  PSISLLFFFGTVLIALYLIVRGMKKYKKTAHGSVLKFFAIMNVLSFSPFILFFVIPYVFFDKYLIDPFILTSIVLLIPFS   317
NTDB id 91 BSU 31690 NP 391047.2               ATLNLVSFATLTLFSFSAIYLHLNKYKYAEHSFILKLLILTNTLSFAPFLIFFVLPIIFTGNYIFPALASASLLVLIPFG   316
consensus                                      *** !* !    !    !  ** !!!   !  *!!   * ! !!! !!**!!!*! *!   !* **    !***!!!!

logo
NTDB id 1165927 AB3Y92 RS15120 WP 144461870.1  LVYQFMTNKLYNMDFLISRLRYYGFLAITPTIFVVVTFYILQKPEDLKYTLKLALITYALMLAVFYFKEILDFRFRLKRF   397
NTDB id 91 BSU 31690 NP 391047.2               LVYQFVANKMFDIEFILGRMRYYALLAMIPTLLIVGALVLFDVMDIQMNPVRQTVFFFVVMFAVFYFKEVMDFKFRLKRF   396
consensus                                      !!!!!* !!** **!** !*!!!* !!* !!* *!    *   **    ***  *  * *! !!!!!!!**!!*!!!!!!

logo
NTDB id 1165927 AB3Y92 RS15120 WP 144461870.1  SEKHNYQDSVFKFTQLIREASSLHQVLYHLKYTILEVLVVNKAFVLEVKPDGQIEEIDESSGDSNLWKEYVDQFQDILGE   477
NTDB id 91 BSU 31690 NP 391047.2               SEKFNYQDSIFKYTQLMRGVTSLQQVFKELKNTILDVLLVSKAYTFEVTPDHKVIFLDKHE.VGPDWNFYQEEFENVTSE   475
consensus                                      !!!*!!!!!*!!*!!!*!  *!!*!!  *!! !!!*!!*! !!*  !! !!* *  *! * *  * !  ! * !  *  !

logo
NTDB id 1165927 AB3Y92 RS15120 WP 144461870.1  VGKIIELDKGFMMKIGERGGHSFVICCLSNLQTPKLTRDEISWLKTLAFYTSVSLENVVKIEELMEHLEDLKQREANPAW   557
NTDB id 91 BSU 31690 NP 391047.2               IGKIIEVNQGFLMKVGERGGSSYVLLCLSNINTPRLTRDEISWLKTLSFYTSVSMENVLHIEELMEHLKDLKQEGTNPIW   555
consensus                                      *!!!!!*  !!*!!*!!!!!*!*!**!!!!**!!*!!!!!!!!!!!! !!!!!!*!!!**!!!!!!!! !!!!   !! !
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logo

NTDB id 1165927 AB3Y92 RS15120 WP 144461870.1  LKKVMFAMEEKQRSDLARDLHDSVLQDLISLKRQSEMFLTNFQNDQ..CPTSIEQSLISWNEQMSKVIQTTRETCHELRP   635
NTDB id 91 BSU 31690 NP 391047.2               LKKLMFAIEEKQRSGLARDLHDSVLQDLISLKRQCELFLGDFKKDDNPCREEVQDKLVQMNEQMSDVISMTRETCHELRP   635
consensus                                      !!!*!!!*!!!!!! !!!!!!!!!!!!!!!!!!!*!*!!   !   ! **!*  *   !*  !!!!! !!  !!!!!!!!!!

logo

NTDB id 1165927 AB3Y92 RS15120 WP 144461870.1  QLLYDLGLVKAISKLTSQIQEEAPFHIRLNTTRFDKELDIDIDSQLNIYRIVQELLSNALKHSQASQVLVMLICIKDQVV   715
NTDB id 91 BSU 31690 NP 391047.2               QLLYDLGLVKALSKLVAQQQERVPFHIRLNTGRFTASL..DLDSQLNLYRIIQEFLSNAVKHSQATDVLIMLISIQNKIV   713
consensus                                      !!!!!!!!!!!*!!!   !  !!   !!!!!!!! !!   !**!*!!!!!*!!!*!! !!!!*!!!!!* !!*!!!*!    *!

logo

NTDB id 1165927 AB3Y92 RS15120 WP 144461870.1  LHYEDDGVGFDARHLDQHTMSMGLSGIRERVKALNGKLHIHTAPEKGLKVKIEMEL   771
NTDB id 91 BSU 31690 NP 391047.2               LHYEDDGVGFDQEKNTEHSMSMGLSGIKERVRALDGRLRIETSEGKGFKADIEIEL   769
consensus                                      !!!!!!!!!!!  *   !*!!!!!!!!*!!!*!! !*!*!*! * !! !  !!*!!
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X non conserved

X similar

X $\geq$ 50% conserved