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logo
NTDB id 1092409 ACL9SD RS17085 WP 095323674.1  MKSSLKFISILLVLLSFVYSIYICYLCFNNAFEGAKLKYNSHNQLVVIEVEEHSLAEYAGLKKGDILLEIDGKSITKKRE   80
NTDB id 91 BSU 31690 NP 391047.2               MKNLIKKFTIAVIVLSILYISYTTYISMNGIIIGTKIHKNDKSQFMIEEISESSYGQFVGLRQGDIILKINK......EK   74
consensus                                      !!  *!  *! ***!! *!  ! *!** !   ! !** ! * ! ** !* !*! * * !!* !!!*! !  ******

logo
NTDB id 1092409 ACL9SD RS17085 WP 095323674.1  PAEDILSWAYSVTVKRDA.....EVVDINT..KETFLGYDIFFVFLIPVTFYLLCLFCIFFILNSSKSKKLFSSTFLLIA  153
NTDB id 91 BSU 31690 NP 391047.2               PSDKHLKWGYLSHINSLDILRSGKKIHLKDFDLVTLNRPYSFFLFVLPLFFYFLSIICIFYILKVNKKRRSFA.AYILIL  153
consensus                                      ! * *! !*!  **    *****  ***  **  !   *  !!*!**!* !! !** !!!*!!   ! ** ! * **!!

logo
NTDB id 1092409 ACL9SD RS17085 WP 095323674.1  FLLNVSIAYLSAGGVSRGDVFSRYVNLLTFLSVPVSYLHFVYQYFKEKGKQFFNNKVFLLYLLPVINIIIEYFLGEDKLS  233
NTDB id 91 BSU 31690 NP 391047.2               LLLDISIAYISAGGPFRGHIINRYINLFTFISSPILYLQFIQRYLGEIGKTFLNR.ISFLYIIPIFNLGIEFFQDYLQVD  232
consensus                                       !! *!!!!*!!!!* !!**  !!*!! !!*!  !* !!*!*  !  ! !!  ! ! **  !!**!* !* !!*!     *

logo
NTDB id 1092409 ACL9SD RS17085 WP 095323674.1  IEVLSTINLSSFFIGVTMVFIVILYGLNKYKFSEQAYFLKILMLTNFIAIIPFVGFYVLPTLVLGDYIFPSVFVAPFLLL  313
NTDB id 91 BSU 31690 NP 391047.2               IDFLATLNLVSFATLTLFSFSAIYLHLNKYKYAEHSFILKLLILTNTLSFAPFLIFFVLPIIFTGNYIFPALASASLLVL  312
consensus                                      !* ! !*!! !!       !  !  *!!!!!* !* * !!*!*!!! *   !!* !*!!! *  ! !!!! *  !* !*!

logo
NTDB id 1092409 ACL9SD RS17085 WP 095323674.1  IPFSLVYQFMANKIYNIEFILGRLRYYGLLAIIPTVIVVCIVTFTQYQTGGYNTVRLAIYIYLVMLGVFYLKEMLDFRFR  393
NTDB id 91 BSU 31690 NP 391047.2               IPFGLVYQFVANKMFDIEFILGRMRYYALLAMIPTLLIVGALVLFDVMDIQMNPVRQTVFFFVVMFAVFYFKEVMDFKFR  392
consensus                                      !!! !!!!!*!!!** !!!!!!!*!!!*!!!*!!!***!* *          !*!!  ** **!! *!!! !!**!!*!!

logo
NTDB id 1092409 ACL9SD RS17085 WP 095323674.1  LKRFSEKFNYQDSIFKFTQTIRTFTSLNQVLLELKQTILDVLTVSQAHVLGVKSDGTISLLEGDTEEYPWIPYEQEVTKV  473
NTDB id 91 BSU 31690 NP 391047.2               LKRFSEKFNYQDSIFKYTQLMRGVTSLQQVFKELKNTILDVLLVSKAYTFEVTPDHKVIFLDKHEVGPDWNFYQEEFENV  472
consensus                                      !!!!!!!!!!!!!!!!*!! *!  !!!*!!  !!!*!!!!!! !! !*   ! *!* *  !* *   **! *!  !   !

logo
NTDB id 1092409 ACL9SD RS17085 WP 095323674.1  ITDIGKIVEVDRGFLIKIGERGGTSYVMLCLSVLNTPRLTRDEISWLETLAFYTSVSLENVLKIGELMEHLEHVKKEGPN  553
NTDB id 91 BSU 31690 NP 391047.2               TSEIGKIIEVNQGFLMKVGERGGSSYVLLCLSNINTPRLTRDEISWLKTLSFYTSVSMENVLHIEELMEHLKDLKQEGTN  552
consensus                                       **!!!!*!!  !!!*!*!!!!!*!!!*!!!! *!!!!!!!!!!!!!! !! !!!!!!*!!!!*! !!!!!! **! !!*!
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logo

NTDB id 1092409 ACL9SD RS17085 WP 095323674.1  PAWLNKLMFAIEEKQRSDLARDLHDSVLQDMISLKHQSEMFLADFEKD.KVCTNQIRQRLINMNEQMSTVIQTTRETCQE   632
NTDB id 91 BSU 31690 NP 391047.2               PIWLKKLMFAIEEKQRSGLARDLHDSVLQDLISLKRQCELFLGDFKKDDNPCREEVQDKLVQMNEQMSDVISMTRETCHE   632
consensus                                      ! !! !!!!!!!!!!!! !!!!!!!!!!!!*!!!!*!*!*!!*!! !!* *!    *  *!**!!!!!! !!  !!!!!*!

logo

NTDB id 1092409 ACL9SD RS17085 WP 095323674.1  LRPQLLYDLGLVKALSKLAAQHQESSSIDKIRLNTERFSKVLDLDTQLNLYRIVQELLSNAVKHSKANEVLIMLVCIKEK   712
NTDB id 91 BSU 31690 NP 391047.2               LRPQLLYDLGLVKALSKLVAQQQERVP.FHIRLNTGRFTASLDLDSQLNLYRIIQEFLSNAVKHSQATDVLIMLISIQNK   711
consensus                                      !!!!!!!!!!!!!!!!!!! !!*!!  ** *!!!!! !!*  !!!!*!!!!!!!*!! !!!!!!!! ! *!!!!!**!  !

logo

NTDB id 1092409 ACL9SD RS17085 WP 095323674.1  VVLHYEDDGIGFDPDKLYQNSASMGLSGIRERVRALNGSLDIQTAEGKGFRVAIEMEL   770
NTDB id 91 BSU 31690 NP 391047.2               IVLHYEDDGVGFDQEKNTEHSMSMGLSGIKERVRALDGRLRIETSEGKGFKADIEIEL   769
consensus                                      *!!!!!!!!*!!!**!   *! !!!!!!!*!!!!!! ! ! ! ! !!!!!*  !!*!!
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X non conserved

X similar

X $\geq$ 50% conserved