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logo
NTDB id 153431 AK065 RS08695 WP 017367961.1  MRKFYSKLTVILVILSFIYVIYISYINVFNIFVGAAVKENSQGQLEVVDVDNFTDSYLAGVRKGDIILEVNGNKKPVEEV   80
NTDB id 91 BSU 31690 NP 391047.2             MKNLIKKFTIAVIVLSILYISYTTYISMNGIIIGTKIHKNDKSQFMIEEISESSSYGQFVGLRQGDIILKINKEKPSDKHL   80
consensus                                    !*    ! !* ***!! *!* ! *!! *  ! *!  ** !   !  * **   *     !*! !!!!! *!  !**  **

logo
NTDB id 153431 AK065 RS08695 WP 017367961.1  KRGFLANVKSLVVDRHGDKIDLENVRLLS...QANLFIYLIPVILYSICLFCIFMILKMNKANQKESAYILALFLLAVSI  157
NTDB id 91 BSU 31690 NP 391047.2             KWGYLSHINSLDILRSGKKIHLKDFDLVTLNRPYSFFLFVLPLFFYFLSIICIFYILKVNKKRRSFAAYILILLLLDISI  160
consensus                                    ! !*! ** !! * !*! !!*!    !******   !****!*  ! *** !!! !!!*!!      !!!! ! !! *!!

logo
NTDB id 153431 AK065 RS08695 WP 017367961.1  GYVSSGGSGKGEAISRILVIVTMNIVPPLYMHFMYQYLKELGTEIIRRRVLFYLYLVPVTNVLLVLFYKNKAGPVDLLAY  237
NTDB id 91 BSU 31690 NP 391047.2             AYISAGGPFRGHIINRYINLFTFISSPILYLQFIQRYLGEIGKTFLNRIS..FLYIIPIFNLGIEFFQDYLQVDIDFLAT  238
consensus                                    *!*! !!* *!* ! ! * * !    !*!!**!*  !! !*!   * !  ***!!**!* !* *  !      **! !!

logo
NTDB id 153431 AK065 RS08695 WP 017367961.1  VNLLSFFVLAFLSIIITIRAAKKLKDNEVSNVLRAFALILISAFSPFMLFFIIPYFFGI.YFISPYVVASFVLLIPFFLV  316
NTDB id 91 BSU 31690 NP 391047.2             LNLVSFATLTLFSFSAIYLHLNKYKYAEHSFILKLLILTNTLSFAPFLIFFVLPIIFTGNYIFPALASASLLVLIPFGLV  318
consensus                                    *!!*!!  !   !     *  ! !  !*! *!*   !    ! !!**!!**!  !  *!  **   !! **!!!! !!

logo
NTDB id 153431 AK065 RS08695 WP 017367961.1  YQFMSNKLYNVDFFMGRIKYYGFLAITPTILVVVLFDFIQKPNANFYTVKFTIITYILMLTVFYFKEIIDFRFRLKRFSE  396
NTDB id 91 BSU 31690 NP 391047.2             YQFVANKMFDIEFILGRMRYYALLAMIPTLLIVGALVLFDVMDIQMNPVRQTVFFFVVMFAVFYFKEVMDFKFRLKRFSE  398
consensus                                    !!!* !!** **! *!!**!!* !!* !!*!*!        *  *  *!* !*  ***!  !!!!!!**!!*!!!!!!!!

logo
NTDB id 153431 AK065 RS08695 WP 017367961.1  KHNYQDSVFKFTQLIREASSLHQVLYHLKYTILEVLVVNKAFVLEVKADGQIVEIDESIEESQLWKEYVDQFQDILGEVG  476
NTDB id 91 BSU 31690 NP 391047.2             KFNYQDSIFKYTQLMRGVTSLQQVFKELKNTILDVLLVSKAYTFEVTPDHKVIFLDK.HEVGPDWNFYQEEFENVTSEIG  477
consensus                                    !*!!!!!*!!*!!!*!  *!!*!!  *!! !!!*!!*! !!*  !! *!* ** *! **!  * !  ! * !  *  !*!

logo
NTDB id 153431 AK065 RS08695 WP 017367961.1  KIIGLDKGFMMKIGERGGHSFVICCLSNLRTPKLTRDEISWLKTLAFYTSVSLENVVKIEELMEHLEDLKQREANPAWLK  556
NTDB id 91 BSU 31690 NP 391047.2             KIIEVNQGFLMKVGERGGSSYVLLCLSNINTPRLTRDEISWLKTLSFYTSVSMENVLHIEELMEHLKDLKQEGTNPIWLK  557
consensus                                    !!! *  !!*!!*!!!!!*!*!**!!!!* !!*!!!!!!!!!!!! !!!!!!*!!!**!!!!!!!! !!!!   !! !!!
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logo

NTDB id 153431 AKO65 RS08695 WP 017367961.1  KVMFAMEEKQRSDLARDLHDSVLQDLISLKRQSEMFLTNFQN..NQCPTSIENSLISWNEQMSKVIQTTRETCHELRPQL   634
NTDB id 91 BSU 31690 NP 391047.2             KLMFAIEEKQRSGLARDLHDSVLQDLISLKRQCELFLGDFKKDDNPCREEVQDKLVQMNEQMSDVISMTRETCHELRPQL   637
consensus                                    !*!!!*!!!!!! !!!!!!!!!!!!!!!!!!*!*!!   !   **!*!*  *   !*  !!!!! !!  !!!!!!!!!!!!

logo

NTDB id 153431 AKO65 RS08695 WP 017367961.1  LYDLGLVKAISKLTSQIQEEAPFHIRLNTTRFDKELDIDIDSQLNIYRIVQELLSNALKHSKASQVLVMLICIKDQVVLH   714
NTDB id 91 BSU 31690 NP 391047.2             LYDLGLVKALSKLVAQQQERVPFHIRLNTGRFTASL..DLDSQLNLYRIIQEFLSNAVKHSQATDVLIMLISIQNKIVLH   715
consensus                                    !!!!!!!!!*!!!   ! !!  !!!!!!!!! !!   !**!*!!!!!*!!!*!! !!!!*!!! !* !!*!!!*!   *!!!

logo

NTDB id 153431 AKO65 RS08695 WP 017367961.1  YEDDGVGFDASQLDQHTMSMGLSGIRERVRALNGKLQIHTAPEKGLKVKIEMEL   768
NTDB id 91 BSU 31690 NP 391047.2             YEDDGVGFDQEKNTEHSMSMGLSGIKERVRALDGRLRIETSEGKGFKADIEIEL   769
consensus                                    !!!!!!!!!      !*!!!!!!!!*!!!*!! !*! !*! * !! !  !!*!!
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X non conserved

X similar

X $\geq$ 50% conserved