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logo
NTDB id 995240 AAYR27 RS08425 WP 345831979.1  MQKFYSKLTVILMILSFIYVIYISYINVFNIFVGAVVSVNSDGQLEIVDVVDFTDSYYAGVRKGDIILEVNGNKEPTEEV   80
NTDB id 91 BSU 31690 NP 391047.2              MKNLIKKFTIAVIVLSILYISYTTYISMNGIIIGTKIHKNDKSQFMIEEISESSYGQFVGLRQGDIILKINKEKPSDKHL   80
consensus                                     !     ! !* ***!! *!* ! *!! *  ! *!  ** !   !  ! ** * *   * !*! !!!!! *!  !**  **

logo
NTDB id 995240 AAYR27 RS08425 WP 345831979.1  RRGYLANVKSLVVDRHGDEIEIENVSLLS...QENLFIYIIPIIFYSICLFCIFMILKINKSRKKESAYILALFLLAVAV   157
NTDB id 91 BSU 31690 NP 391047.2              KWGYLSHINSLDILRSGKKIHLKDFDLVTLNRPYSFFLFVLPLFFYFLSIICIFYILKVNKKRRSFAAYILILLLDISI   160
consensus                                     * !!! ** !! * !*!  !**    !******   !****!* !! *** !!! !!!*!! !*   !!!! ! !! * *

logo
NTDB id 995240 AAYR27 RS08425 WP 345831979.1  AYVSSGGSGKGEYISSFVVIFTMTSVPSLYMHFMYQYLKELGTVIISWRVLLCLYAVPFINIVLEILFKN.....MVLAA   232
NTDB id 91 BSU 31690 NP 391047.2              AYISAGGPFRGHIINRYINLFTFISSPILYLQFIQRYLGEIGKTFLNRIS..FLYIIPIFNLGIEFFQDYLQVDIDFLAT   238
consensus                                     !!*! !!* *!* !  ** *!!  ! ! !!**!*  !! !*!   *    ***!! *!  !* *!     *****  !!

logo
FNLLSFFATLAFITIIITLRAAKKLKGTEIGNVLSAFALILISSFSPFMLFFIIPYLFHKYFISPYI.LASFALLIPFFLV   311
LNLVSFATLTLFSFSAIYLHLNKYKYAEHSFILKLLILTNTLSFAPFLIFFVLPIIFTGNYIFPALASASLLVLIPFGLV   318
consensus                                      !!*!!  !   *      *  ! !  !*  *!    !    !! !!**!!**! *!*  *! ! ** !!  *!!!! !!

logo
YQFMTNKLYNVDFFLGRIKYYSLLAITPTIVVVVIFDFIQKPSANFYTMKFTIITYILMLTVFYFKEIIDFRFRLKRFSE   391
YQFVANKMFDIEFILGRMRYYALLAMIPTLLIVGALVLFDVMDIQMNPVRQTVFFFVVMFAVFYFKEVMDFKFRLKRFSE   398
consensus                                      !!!* !!** **! !!!**!! !!!* !!***!        *  *  *** !*  ***!  !!!!!!**!!*!!!!!!!!

logo
KHNYQDSVFKFTQLIREASSLHQVLYHLKYTILEVLVVNKAFVLEVKADGQVEEIDESTEDSKLWKKYVDQFQELLDEVG   471
KFNYQDSIFKYTQLMRGVTSLQQVFKELKNTILDVLLVSKAYTFEVTPDHKVIFLDK.HEVGPDWNFYQEEFENVTSEIG   477
consensus                                      !*!!!!!*!!*!!!*!  *!!*!!  *!! !!!*!!*! !!*  !! *!* !  *! **!  * !  ! * !  *  !*!

logo
NTDB id 995240 AAYR27 RS08425 WP 345831979.1  KIIALDKGFMMKIGERGGHSFVICCLSNLRTPKLSRDEISWLKTLAFYTSVSLENVVKIEELMEHLDDLKQREANPAWLK   551
NTDB id 91 BSU 31690 NP 391047.2              KIIEVNQGFLMKVGERGGSSYVLLCLSNINTPRLTRDEISWLKTLSFYTSVSMENVLHIEELMEHLKDLKQEGTNPIWLK   557
consensus                                      !!! *  !!*!!*!!!!!*!*!**!!!!* !!*!*!!!!!!!!!! !!!!!!*!!!**!!!!!!!! !!!!   !! !!!
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logo

NTDB id 995240 AAYR27 RS08425 WP 345831979.1  KIMFAMEEKQRSDLARDLHDSVLQDLISLKRQSEMFLTNFQ..NNQCSTSIENSLISWNDQMSKVIQTTRETCHELRPQL   629
NTDB id 91 BSU 31690 NP 391047.2              KLMFAIEEKQRSGLARDLHDSVLQDLISLKRQCELFLGDFKKDDNPCREEVQDKLVQMNEQMSDVISMTRETCHELRPQL   637
consensus                                     !*!!!*!!!!!! !!!!!!!!!!!!!!!!!!!*!*!!   ! ** !*!    *    !*   !*!!! !!   !!!!!!!!!!!!

logo

NTDB id 995240 AAYR27 RS08425 WP 345831979.1  LYDLGLVKAISKLTSQIQEEAPFHIRLNTTRFDKELDIDIDSQLNIYRIVQELLSNALKHSKATQVLVMLICIKDQVVLH   709
NTDB id 91 BSU 31690 NP 391047.2              LYDLGLVKALSKLVAQQQERVPFHIRLNTGRFTASL..DLDSQLNLYRIIQEFLSNAVKHSQATDVLIMLISIQNKIVLH   715
consensus                                     !!!!!!!!!*!!!  ! !!  !!!!!!!! !!   !**!*!!!!!*!!!*!! !!!!*!!! !! !!*!!!*!   *!!!

logo

NTDB id 995240 AAYR27 RS08425 WP 345831979.1  YEDDGVGFDASHLDQHTMSMGLLGIRERVKALNGKLQIHTAPEKGLKVKIEMEL   763
NTDB id 91 BSU 31690 NP 391047.2              YEDDGVGFDQEKNTEHSMSMGLSGIKERVRALDGRLRIETSEGKGFKADIEIEL   769
consensus                                     !!!!!!!!!  *   !*!!!!! !!*!!!*!! !*! !*! * !! !  !!*!!
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X non conserved

X similar

X $\geq$ 50% conserved