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logo
NTDB id 1147099 CKW02 RS15735 WP 003213749.1  MQKFYSKLTVILIILSFIYVIYISYINVFNIFVGAVVSVNSDGQLEIEDVVDFTDSYYAGVRKGDIILEVNGNKEPTEEV   80
NTDB id 91 BSU 31690 NP 391047.2              MKNLIKKFTIAVIVLSILYISYTTYISMNGIIIGTKIHKNDKSQFMIEEISESSYGQFVGLRQGDIILKINKEKPSDKHL   80
consensus                                     !     ! !* *!*!! *!* ! *!! *  ! *!  ** !   !  !!** * *   * !*! !!!!! *!  !**  **

logo
NTDB id 1147099 CKW02 RS15735 WP 003213749.1  RRGYLANVKSLVVDRHGDEIVIENVRLLS...QENLFIYLIPIIFYSICLFCIFMILKINKSRKKESAYILALFLLAVAV   157
NTDB id 91 BSU 31690 NP 391047.2              KWGYLSHINSLDILRSGKKIHLKDFDLVTLNRPYSFFLFVLPLFFYFLSIICIFYILKVNKKRRSFAAYILILLLDISI   160
consensus                                     * !!! ** !! * !*!  !**    !******   !****!* !! *** !!! !!!*!! !*   !!!! ! !! * *

logo
NTDB id 1147099 CKW02 RS15735 WP 003213749.1  AYVSSGGSGKGEYISGFIVISTMTCVPPLYMHFMYQYLKELGTKIISVRVLLSLYAVPFINLVLEIYFKNM.....VLAA   232
NTDB id 91 BSU 31690 NP 391047.2              AYISAGGPFRGHIINRYINLFTFISSPILYLQFIQRYLGEIGKTFLNRI..SFLYIIPIFNLGIEFFQDYLQVDIDFLAT   238
consensus                                     !!*! !!* *!* !  *! * !  * !*!!**!*  !! !*!   *   **  !! *!  !! *! *   ****** !!

logo
NTDB id 1147099 CKW02 RS15735 WP 003213749.1  FNLLSFFALAFITIIITFRSAKRWKGTEIGNVLSAFGLVLITSFSPFMLFFIIPYFFHKYFISPY.ILASFALLIPFFLV   311
NTDB id 91 BSU 31690 NP 391047.2              LNLVSFATLTLFSFSAIYLHLNKYKYAEHSFILKLLILTNTLSFAPFLIFFVLPIIFTGNYIFPALASASLLVLIPFGLV   318
consensus                                      !!*!!  !   *    * *  **!  !*  *!    !   !! !!**!!**!  !*  *! ! *  !!  *!!!! !!

logo
NTDB id 1147099 CKW02 RS15735 WP 003213749.1  YQFMSNKLYNVDFFMGRIKYYCLLAITPTIVVVIIFDFIQKPSANFYTVKFTIITYILMLTVFYFKEIIDFCFRLKRFSE   391
NTDB id 91 BSU 31690 NP 391047.2              YQFVANKMFDIEFILGRMRYYALLAMIPTLLIVGALVLFDVMDIQMNPVRQTVFFFVVMFAVFYFKEVMDFKFRLKRFSE   398
consensus                                     !!!* !!** **! *!!**!!*!!!* !!***!        *  *  *!* !*  ***!  !!!!!!**!!*!!!!!!!!

logo
NTDB id 1147099 CKW02 RS15735 WP 003213749.1  KHNYQDSVFKFTQLIREASSLHQVLYHLKYTILEVLVVNKAFVLEVKPDGQIEEIDESSGDSELWKKYVDQFQELLGEVG   471
NTDB id 91 BSU 31690 NP 391047.2              KFNYQDSIFKYTQLMRGVTSLQQVFKELKNTILDVLLVSKAYTFEVTPDHKVIFLDKHE.VGPDWNFYQEEFENVTSEIG   477
consensus                                     !*!!!!!*!!*!!!*!  *!!*!!  *!! !!!*!!*! !!*  !! !!* *  *! * *  * !  ! * !  *  !*!

logo
NTDB id 1147099 CKW02 RS15735 WP 003213749.1  KIVGLDKGFMMKIGERGGHSFVICCLSNLRIPKLTRDEISWLKTLAFYTSVSLENVVKIEELMEHLEDLKQREANPAWLK   551
NTDB id 91 BSU 31690 NP 391047.2              KIIEVNQGFLMKVGERGGSSYVLLCLSNINTPRLTRDEISWLKTLSFYTSVSMENVLHIEELMEHLKDLKQEGTNPIWLK   557
consensus                                     !!* *  !!*!!*!!!!!*!*!**!!!!*  !*!!!!!!!!!!!! !!!!!!*!!!**!!!!!!!! !!!!   !! !!!
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logo

NTDB id 1147099 CKW02 RS15735 WP 003213749.1  KVMFAMEEKQRSDLARDLHDSVLQDLISLKRQSEMFLTNFQNDQ..CPTSIEQSLISWNEQMSKVIQTTRETCHELRPQL   629
NTDB id 91 BSU 31690 NP 391047.2              KLMFAIEEKQRSGLARDLHDSVLQDLISLKRQCELFLGDFKKDDNPCREEVQDKLVQMNEQMSDVISMTRETCHELRPQL   637
consensus                                     !*!!!*!!!!!! !!!!!!!!!!!!!!!!!!*!*!!  !  ! **!*  *   !*  !!!!! !!  !!!!!!!!!!!!

logo

NTDB id 1147099 CKW02 RS15735 WP 003213749.1  LYDLGLVKAISKLTSQIQEEAPFHIRLNTTRFDKELDIDIDSQLNIYRIVQELLSNALKHSQASQVLVMLICIKDQVVLH   709
NTDB id 91 BSU 31690 NP 391047.2              LYDLGLVKALSKLVAQQQERVPFHIRLNTGRFTASL..DLDSQLNLYRIIQEFLSNAVKHSQATDVLIMLISIQNKIVLH   715
consensus                                     !!!!!!!!!*!!!  ! !!  !!!!!!!! !!   !**!*!!!!!*!!!*!! !!!!*!!!!!* !!*!!!*!   *!!!

logo

NTDB id 1147099 CKW02 RS15735 WP 003213749.1  YEDDGVGFDARHLDQHTMSMGLSGIRERVKALNGKLHIHTAPEKGLKVKIEMEL   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