```
logo
NTDB id 411168 GRT15 RS14745 WP 044052948.1  MKKFIRNFSIVLLFVSLFYVAHIIYFTQNGILVGTYVVENNNHELQVVKLSKSTYGKYMGLKEGDRIIEISGKTPTEENI   80
NTDB id 91 BSU 31690 NP 391047.2             MKNLIKKFTIAVIVLSILYISYTTYISMNGIIIGTKIHKNDKSQFMIEEISESSYGQFVGLRQGDIILKINKEKPSDKHL   80
consensus                                    !!  !* !*! ** *!* !* *  ! * !!!**!! ** !  *   *  *! !*!! **!!* !! !* !    !** **

logo
NTDB id 411168 GRT15 RS14745 WP 044052948.1  RGQYLAKAEHMKIIRGNSKIDLHNTEFISLNSSYSFFIYIIPCILFALSMLCIFYIYKVNRVKDTYSAFILIIFLLCTSI  160
NTDB id 91 BSU 31690 NP 391047.2             KWGYLSHINSLDILRSGKKIHLKDFDLVTLNRPYSFFLFVLPLFFYFLSIICIFYILKVNKKRRSFAAYILILLLLDISI  160
consensus                                    *  !! *  ** !*!   !!*!*  * **!! *!!!!****!*  * !!**!!!!! !!!* * ** !*!!!* !!* !!

logo
NTDB id 411168 GRT15 RS14745 WP 044052948.1  AYLSAGGVTRGYEINRYINLFTFLNVPVLYFHFLYQYFKELKLKFSAGYVVSTLYILPVINIIIEIFQKHFAFQ..LVTN  238
NTDB id 91 BSU 31690 NP 391047.2             AYISAGGPFRGHIINRYINLFTFISSPILYLQFIQRYLGEIGKTFLN..RISFLYIIPIFNLGIEFFQDYLQVDIDFLAT  238
consensus                                    !!*!!!!* !!* !!!!!!!!!!*  !*!! *!*  !  !*   !  ** *! !!!*!* !* !! !! *    ** *

logo
NTDB id 411168 GRT15 RS14745 WP 044052948.1  INLVTFFLEMMVVYTSIIFYGLVYRKKDHFYLLKVLLISNTIAFFPFTVFYIIPEVLFGQYIYSAIVTAPFLIIIPLALV  318
NTDB id 91 BSU 31690 NP 391047.2             LNLVSFATLTLFSFSAIYLHLNKYKYAEHSFILKLLILTNTLSFAPFLIFFVLPIIFTGNYIFPALASASLLVLIPFGLV  318
consensus                                    *!!!*!    *  ** !  *   !*  *! **!!*!***!!* ! !! *!***! *  !*!!**!* *!* !**!! *!!

logo
NTDB id 411168 GRT15 RS14745 WP 044052948.1  YQFVVNKIYDIDFLLGRIRYYGFLSIIPTIGVVWLNILFDSKGNNFNIIQITVYVFLIFLAVFYIKELLDYKFRLKRFSE  398
NTDB id 91 BSU 31690 NP 391047.2             YQFVANKMFDIEFILGRMRYYALLAMIPTLLIVGALVLFDVMDIQMNPVRQTVFFFVVMFAVFYFKEVMDFKFRLKRFSE  398
consensus                                    !!!! !!**!!*!*!!!*!!!* ! *!!!* *!   *!!!    * !**  !!* !**  !!!! !!**!*!!!!!!!!!

logo
NTDB id 411168 GRT15 RS14745 WP 044052948.1  KYNYQDSIFKYTQLLKSVSALNQVFMNLKKTILDVLPVSKAYIFEISSDGDILYFDKQNSEPNWQPYKKEFVKVSSEIGK  478
NTDB id 91 BSU 31690 NP 391047.2             KFNYQDSIFKYTQLMRGVTSLQQVFKELKNTILDVLLVSKAYTFEVTPDHKVIFLDKHEVGPDWNFYQEEFENVTSEIGK  478
consensus                                    !*!!!!!!!!!!!!** !* !*!!!  !! !!!!!!*!!!!! !!***!* *** !!*   ! !**!  !!  !*!!!!!

logo
NTDB id 411168 GRT15 RS14745 WP 044052948.1  IFEVNQGFLMKIGERGANSYVLLCLSSINTPRLTRDEISWLKTLSFYTSVSMENILQIEELMNHLQDLKQQGSNPVWLKK  558
NTDB id 91 BSU 31690 NP 391047.2             IIEVNQGFLMKVGERGGSSYVLLCLSNINTPRLTRDEISWLKTLSFYTSVSMENVLHIEELMEHLKDLKQEGTNPIWLKK  558
consensus                                    ! !!!!!!!!!*!!!!* !!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
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logo

NTDB id 411168 GRT15 RS14745 WP 044052948.1  LMFTIEEKQRSDLARDLHDSVLQDLISLKRQCELFLADFKK.EEPCQLEVQDKLHQMNEQMSDVILMTRETCHELRPQLL   637
NTDB id 91 BSU 31690 NP 391047.2             LMFAIEEKQRSGLARDLHDSVLQDLISLKRQCELFLGDFKKDDNPCREEVQDKLVQMNEQMSDVISMTRETCHELRPQLL   638
consensus                                    !!! !!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!** !!   !!!!!!*!!!!!!!!!!! !!!!!!!!!!!!!!

logo

NTDB id 411168 GRT15 RS14745 WP 044052948.1  YDLGLVKAVSKLAAQQQERAPFHIRLNTGRFTAALDLDTQLNLYRIIQEFLSNAMKHSQANEVLIMLISIQNKVILHYED   717
NTDB id 91 BSU 31690 NP 391047.2             YDLGLVKALSKLVAQQQERVPFHIRLNTGRFTASLDLDSQLNLYRIIQEFLSNAVKHSQATDVLIMLISIQNKIVLHYED   718
consensus                                    !!!!!!!!*!!! !!!!!! !!!!!!!!!!!!! !!!!*!!!!!!!!!!!!!!!!*!!!!! *!!!!!!!!!!!!**!!!!!

logo

NTDB id 411168 GRT15 RS14745 WP 044052948.1  DGVGCNQEEGGGQSMSMGLSGIKERVRALDGRMKIDTSEGNGFKADIEMEL   768
NTDB id 91 BSU 31690 NP 391047.2             DGVGFDQEKNTEHSMSMGLSGIKERVRALDGRLRIETSEGKGFKADIEIEL   769
consensus                                    !!!!* !!     *!!!!!!!!!!!!!!!!!!!!**!*!!!! !!!!!!!*!!
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X non conserved

X similar

X $\geq$ 50% conserved