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logo
NTDB id 412037 GKS41 RS17405 WP 159354531.1  MKSKYNKISVVLILLTLVYVIYLTYISTNNLLVGATISENKQGEIKIKDVEDFTMAYYAGVQKGDIVKNINGQNVKSINI   80
NTDB id 91 BSU 31690 NP 391047.2             MKNLIKKFTIAVIVLSILYISYTTYISMNGIIIGTKIHKNDKSQFMIEEISFSSYGQFVGLRQGDIILKINKEKPSDKHL   80
consensus                                    !!    ! ** *!*!***!* ! !!!! ! ***!  !* !      ! ** * * * * !*  !!!*  !!   *   **

logo
NTDB id 412037 GKS41 RS17405 WP 159354531.1  QMNKLKNVNSMVVDRNGHDIEIKL....NLFNDRNFSTYLIPIIFYVVCLFCCFFIIKINEEKNLKSALVLIVFLLSASI  156
NTDB id 91 BSU 31690 NP 391047.2             KWGYLSHINSLDILRSGKKIHLKDFDLVTLNRPYSFFLFVLPLFFYFLSIICIFYILKVNKKRRSFAAYILILLLLDISI  160
consensus                                        ! **!!* * ! !* !**! **** !  *  !  ***!* !! *** !*!*!*!*!  *    ! *!!* !!  !!

logo
NTDB id 412037 GKS41 RS17405 WP 159354531.1  AYISAGGSAKGDLLSRCIMLLTLITVPLNYLLFLYHYFKELGTVLFSKKVFVLYLFPTINILFELFRSRLSF.GDFIPKF  235
NTDB id 91 BSU 31690 NP 391047.2             AYISAGGPFRGHIINRYINLFTFISSPILYLQFIQRYLGEIGKTFLNR.ISFLYIIPIFNLGIEFFQDYLQVDIDFLATL  239
consensus                                    !!!!!!!* *!*** !*! ! ! !* !* !! !* *!  !*!     ***  !!* !  !*  ! !   !  * !!**

logo
NTDB id 412037 GKS41 RS17405 WP 159354531.1  NLISFFLLFLVVAYYFIVILRRNKDTDQAHIIKVLVVINILAFSPFLCLYLIPYVFFNDYYVSSFLTASFMLLIPFSLVY  315
NTDB id 91 BSU 31690 NP 391047.2             NLVSFATLTLFSFSAIYLHLNKYKYAEHSFILKLLILTNTLSFAPFLIFFVLPIIFTGNYIFPALASASLLVLIPFGLVY  319
consensus                                    !!*!!  ! !       **! * !  ** *!*!*!** ! ! ! !!!* ***! *!   !  *   *!! **!!!! !!!

logo
NTDB id 412037 GKS41 RS17405 WP 159354531.1  QFMSNKIYNVDFILSKLKYYGFLALTPTIILVTTIELLREPEENFYNLKLTFLIYILMLAVFYYKEILDFRFKLKRVSER  395
NTDB id 91 BSU 31690 NP 391047.2             QFVANKMFDIEFILGRMRYYALLAMIPTLLIVGALVLFDVMDIQMNPVRQTVFFFVVMFAVFYFKEVMDFKFRLKRFSEK  399
consensus                                    !!* !!** **!!! ***!!* !!* !!***!  * !   ** *  *** !   ***! !!!!*!!**!!*!*!!! !!*

logo
NTDB id 412037 GKS41 RS17405 WP 159354531.1  FNYQDSIYKFTQLIRNSSSLNQVFGELKTTILEVTLTSKVYIFEVTYDGNVKAFDERDSS.LIDDYQVLLNSVTVEIGKI  474
NTDB id 91 BSU 31690 NP 391047.2             FNYQDSIFKYTQLMRGVTSLQQVFKELKNTILDVLLVSKAYTFEVTPDHKVIFLDKHEVGPDWNFYQEEFENVTSEIGKI  479
consensus                                    !!!!!!!*!*!!!*!  *!!*!!! !!! !!!*! ! !! ! !!!!*!* !   ! **  *    !!      !! !!!!!

logo
NTDB id 412037 GKS41 RS17405 WP 159354531.1  TEFNQGFAMKVGERGDRSFVVLCLSKMNTPRLSREEISWLKTLSFYVNVSIENVMKIEELMNHLEDLKKQQGSNPVWLKK  554
NTDB id 91 BSU 31690 NP 391047.2             IEVNQGFLMKVGERGGSSYVLLCLSNINTPRLTRDEISWLKTLSFYTSVSMENVLHIEELMEHLKDLK.QEGTNPIWLKK  558
consensus                                     ! !!!! !!!!!!!  !*!*!!!! *!!!!!*!*!!!!!!!!!!!  !!*!!!**!!!!! !! !!!*! !*!!*!!!!
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logo

NTDB id 412037 GKS41 RS17405 WP 159354531.1  LMFTIEEKQRSDLARDLHDSVLQDLISLKRQCELFLADFKK.EEPCQLEVQDKLHQMNEQMSDVILMTRETCHELRPQLL   633
NTDB id 91 BSU 31690 NP 391047.2             LMFAIEEKQRSGLARDLHDSVLQDLISLKRQCELFLGDFKKDDNPCREEVQDKLVQMNEQMSDVISMTRETCHELRPQLL   638
consensus                                    !!! !!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!** !!   !!!!!!*!!!!!!!!!!! !!!!!!!!!!!!!!!

logo

NTDB id 412037 GKS41 RS17405 WP 159354531.1  YDLGLVKAVSKLAAQQQERAPFHIRLNTGRFTAALDLDTQLNLYRIIQEFLSNAMKHSKANEVLIMLISIQNKVILHYED   713
NTDB id 91 BSU 31690 NP 391047.2             YDLGLVKALSKLVAQQQERVPFHIRLNTGRFTASLDLDSQLNLYRIIQEFLSNAVKHSQATDVLIMLISIQNKIVLHYED   718
consensus                                    !!!!!!!!*!!! !!!!!! !!!!!!!!!!!!! !!!!*!!!!!!!!!!!!!!!!*!!! ! *!!!!!!!!!!!**!!!!!

logo

NTDB id 412037 GKS41 RS17405 WP 159354531.1  DGVGCNQEEGGGQSMSMGLSGIKERVRALDGRMKIDTSEGNGFKADIEMEL   764
NTDB id 91 BSU 31690 NP 391047.2             DGVGFDQEKNTEHSMSMGLSGIKERVRALDGRLRIETSEGKGFKADIEIEL   769
consensus                                    !!!!* !!     *!!!!!!!!!!!!!!!!!!!**!*!!!! !!!!!!!*!!
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X non conserved

X similar

X $\geq$ 50% conserved