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logo
NTDB id 1090499 ACKUFW RS14810 WP 039254056.1  MKSKYNKISVVLILLTLVYVIYLTYISTNNLLVGATISENKQGEIKIKDVEDFTMAYYAGVQKGDIVKNINGQNVKSINI   80
NTDB id 91 BSU 31690 NP 391047.2               MKNLIKKFTIAVIVLSILYISYTTYISMNGIIIGTKIHKNDKSQFMIEEISFSSYGQFVGLRQGDIILKINKEKPSDKHL   80
consensus                                      !!     ! ** *!*!***!* ! !!!! ! ***!  !* !       ! ** * * * * !*  !!!*  !!   *   **

logo
NTDB id 1090499 ACKUFW RS14810 WP 039254056.1  QMNKLKNVNSMVVDRNGHDIEIKL....NLFNDRNFSTYLIPIIFYVVCLFCCFFIIKINEEKNLKSALVLIVFLLSASI  156
NTDB id 91 BSU 31690 NP 391047.2               KWGYLSHINSLDILRSGKKIHLKDFDLVTLNRPYSFFLFVLPLFFYFLSIICIFYILKVNKKRRSFAAYILILLLLDISI  160
consensus                                          ! **!!* * ! !* !**! **** !  *  !  ***!* !! *** !*!*!*!*!  *    ! *!!* !!  !!

logo
NTDB id 1090499 ACKUFW RS14810 WP 039254056.1  AYISAGGSAKGDLLSRCIMLLTLITVPLNYLLFLYHYFKELGTVLFSKKVFVLYLFPTINILFELFRSRLSF.GDFIPKF  235
NTDB id 91 BSU 31690 NP 391047.2               AYISAGGPFRGHIINRYINLFTFISSPILYLQFIQRYLGEIGKTFLNR.ISFLYIIPIFNLGIEFFQDYLQVDIDFLATL  239
consensus                                      !!!!!!!* *!*** !*! ! ! !* !* !! !* *!  !*!     ***  !!* !  !*  ! !   !  * !!**

logo
NTDB id 1090499 ACKUFW RS14810 WP 039254056.1  NLISFFLLFLIVAYYFIVILRRNKDTDQAHIIKVLVVINILAFSPFLCLYLIPYVFFNDYYVSSFLTASFMLLIPFSLVY  315
NTDB id 91 BSU 31690 NP 391047.2               NLVSFATLTLFSFSAIYLHLNKYKYAEHSFILKLLILTNTLSFAPFLIFFVLPIIFTGNYIFPALASASLLVLIPFGLVY  319
consensus                                      !!*!!  ! !       **! * !  ** *!*!*!** ! ! ! !!!* ***! *!   !  *   *!! **!!!! !!!

logo
NTDB id 1090499 ACKUFW RS14810 WP 039254056.1  QFMSNKIYNVDFILSKLKYYGFLALTPTIILVTTIELLREPEENFYNLKLTFLIYILMLAVFYYKEILDFRFKLKRVSER  395
NTDB id 91 BSU 31690 NP 391047.2               QFVANKMFDIEFILGRMRYYALLAMIPTLLIVGALVLFDVMDIQMNPVRQTVFFFVVMFAVFYFKEVMDFKFRLKRFSEK  399
consensus                                      !!* !!** **!!! ***!!* !!* !!***!  * !   ** *  *** !   ***! !!!!*!!**!!*!*!!! !!*

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NTFNYQDSIYKFTQLIRNSSSLNQVFGELKTTILEVTLTSKVYIFEVTYDGNVKAFDERDSS.LIDDYQVLLNSVTVEIGKI  474
NTDB id 91 BSU 31690 NP 391047.2               FNYQDSIFKYTQLMRGVTSLQQVFKELKNTILDVLLVSKAYTFEVTPDHKVIFLDKHEVGPDWNFYQEEFENVTSEIGKI  479
consensus                                      !!!!!!!*!*!!!*!  *!!*!!! !!! !!!*! ! !! ! !!!!*!* !   ! **  *    !!      !! !!!!!

logo
NTDB id 1090499 ACKUFW RS14810 WP 039254056.1  TEFNQGFAMKVGERGDRSFVVLCLSKMNTPRLSREEISWLKTLSFYVNVSIENVMKIEELMNHLEDLKKQETNPVWLKKL  554
NTDB id 91 BSU 31690 NP 391047.2               IEVNQGFLMKVGERGGSSYVLLCLSNINTPRLTRDEISWLKTLSFYTSVSMENVLHIEELMEHLKDLKQEGTNPIWLKKL  559
consensus                                       ! !!!! !!!!!!!  !*!*!!!! *!!!!!*!*!!!!!!!!!!!  !!*!!!**!!!!! !! !!!   !!!*!!!!!
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logo

NTDB id 1090499 ACKUFW RS14810 WP 039254056.1  MFTIEEKQRSDLARDLHDSVLQDLISLKRQCELFLADFKK.EEPCQLEVQDKLHQMNEQMSDVILMTRETCHELRPQLLY   633
NTDB id 91 BSU 31690 NP 391047.2               MFAIEEKQRSGLARDLHDSVLQDLISLKRQCELFLGDFKKDDNPCREEVQDKLVQMNEQMSDVISMTRETCHELRPQLLY   639
consensus                                      !! !!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!** !!   !!!!!!*!!!!!!!!!!! !!!!!!!!!!!!!!!

logo

NTDB id 1090499 ACKUFW RS14810 WP 039254056.1  DLGLVKAVSKLAAQQQERAPFHIRLNTGRFTAALDLDTQLNLYRIIQEFLSNAMKHSQANEVLIMLISIQNKVILHYEDD   713
NTDB id 91 BSU 31690 NP 391047.2               DLGLVKALSKLVAQQQERVPFHIRLNTGRFTASLDLDSQLNLYRIIQEFLSNAVKHSQATDVLIMLISIQNKIVLHYEDD   719
consensus                                      !!!!!!!*!!! !!!!!!! !!!!!!!!!!!!!! !!!!*!!!!!!!!!!!!!!!!*!!!!! *!!!!!!!!!!!!**!!!!!!

logo

NTDB id 1090499 ACKUFW RS14810 WP 039254056.1  GVGCNQEEGGGQSMSMGLSGIKERVRALDGRMKIDTSEGNGFKADIEMEL   763
NTDB id 91 BSU 31690 NP 391047.2               GVGFDQEKNTEHSMSMGLSGIKERVRALDGRLRIETSEGKGFKADIEIEL   769
consensus                                      !!!* !!     *!!!!!!!!!!!!!!!!!!!!!**!*!!!! !!!!!!!*!!
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X non conserved
X similar
X $\geq$ 50% conserved