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logo
NTDB id 282770 C7M22 RS02455 WP 160223246.1  MKSKYNKVSVVLILLTLVYVIYLTYISTNNLLVGATISENKQGEIKIKDVEDFTMAYYAGVQKGDIVKNINHQNVKSINI   80
NTDB id 91 BSU 31690 NP 391047.2             MKNLIKKFTIAVIVLSILYISYTTYISMNGIIIGTKIHKNDKSQFMIEEISFSSYGQFVGLRQGDIILKINKEKPSDKHL   80
consensus                                    !!    ! ** *!*!***!* ! !!!! ! ***!  !* !     ! ** * * * * !*  !!!*  !!*  *   **

logo
NTDB id 282770 C7M22 RS02455 WP 160223246.1  QMNKLKNVNSMVVDRNGHDIEIKL....NLFNDRNFSTYLIPIIFYVVCLFCCFFIIKINEEKNLKSALVLIVFLLSASI  156
NTDB id 91 BSU 31690 NP 391047.2             KWGYLSHINSLDILRSGKKIHLKDFDLVTLNRPYSFFLFVLPLFFYFLSIICIFYILKVNKKRRSFAAYILILLLDISI  160
consensus                                        ! **!!* * ! !* !**! **** !  *  !  ***!* !! *** !*!*!*!*!  *    ! *!!* !!  !!

logo
NTDB id 282770 C7M22 RS02455 WP 160223246.1  AYISAGGSAKGDLLSRCIMLLTLITVPLNYLLFLYHYFKELGTVLFSKKVFVLYLFPTINILFELFRSRLSF.GDFIPKF  235
NTDB id 91 BSU 31690 NP 391047.2             AYISAGGPFRGHIINRYINLFTFISSPILYLQFIQRYLGEIGKTFLNR.ISFLYIIPIFNLGIEFFQDYLQVDIDFLATL  239
consensus                                    !!!!!!!* *!*** !*! ! ! !* !* !! !* *!  !*!     ***  !!* !  !*  ! !   !  * !!**

logo
NTDB id 282770 C7M22 RS02455 WP 160223246.1  NLISFFLLFLIVAYYFIVILRRNKDTDQAHIIKVLVVINILAFSPFLCLYLIPYVFFNDYYVSSFLTASFMLLIPFSLVY  315
NTDB id 91 BSU 31690 NP 391047.2             NLVSFATLTLFSFSAIYLHLNKYKYAEHSFILKLLILTNTLSFAPFLIFFVLPIIFTGNYIFPALASASLLVLIPFGLVY  319
consensus                                    !!*!!  ! !       **! * !  ** *!*!*!** ! ! ! !!!* ***! *!   !  *   *!! **!!!! !!!

logo
NTDB id 282770 C7M22 RS02455 WP 160223246.1  QFMSNKIYNVDFILSKLKYYGFLALTPTIILVTTIELLREPEENFYNLKLTFLIYILMLAVFYYKEILDFRFKLKRVSER  395
NTDB id 91 BSU 31690 NP 391047.2             QFVANKMFDIEFILGRMRYYALLAMIPTLLIVGALVLFDVMDIQMNPVRQTVFFFVVMFAVFYFKEVMDFKFRLKRFSEK  399
consensus                                    !!* !!** **!!! ***!!* !!* !!***!  * !   ** *  *** !   ***! !!!!*!!**!!*!*!!! !!*

logo
NTDB id 282770 C7M22 RS02455 WP 160223246.1  FNYQDSIYKFTQLIRNSSSLNQVFGELKTTILEVTLTSKVYIFEVTYDGNVKAFDERDSS.LIDDYQVLLNSVTVEIGKI  474
NTDB id 91 BSU 31690 NP 391047.2             FNYQDSIFKYTQLMRGVTSLQQVFKELKNTILDVLLVSKAYTFEVTPDHKVIFLDKHEVGPDWNFYQEEFENVTSEIGKI  479
consensus                                    !!!!!!!*!*!!!*!  *!!*!!! !!! !!!*! ! !! ! !!!!*!* !   ! **  *    !!      !! !!!!!

logo
NTDB id 282770 C7M22 RS02455 WP 160223246.1  TEFNQGFAMKVGERGDRSFVVLCLSKMNTPRLSREEISWLKTLSFYVNVSIENVMKIEELMNHLEDLKKQETNPVWLKKL  554
NTDB id 91 BSU 31690 NP 391047.2             IEVNQGFLMKVGERGGSSYVLLCLSNINTPRLTRDEISWLKTLSFYTSVSMENVLHIEELMEHLKDLKQEGTNPIWLKKL  559
consensus                                     ! !!!! !!!!!!!  !*!*!!!! *!!!!!*!*!!!!!!!!!!!  !!*!!!**!!!!! !! !!!   !!!*!!!!!
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logo

NTDB id 282770 C7M22 RS02455 WP 160223246.1  MFTIEEKQRSDLARDLHDSVLQDLISLKRQCELFLADFKK.EEPCQLEVQDKLHQMNEQMSDVILMTRETCHELRPQLLY   633
NTDB id 91 BSU 31690 NP 391047.2             MFAIEEKQRSGLARDLHDSVLQDLISLKRQCELFLGDFKKDDNPCREEVQDKLVQMNEQMSDVISMTRETCHELRPQLLY   639
consensus                                    !! !!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!** !!   !!!!!!*!!!!!!!!!!! !!!!!!!!!!!!!!!

logo

NTDB id 282770 C7M22 RS02455 WP 160223246.1  DLGLVKAVSKLAAQQQERAPFHIRLNTGRFTAALDLDDTQLNLYRIIQEFLSNAMKHSQANEVLIMLISIQNKVILHYEDD   713
NTDB id 91 BSU 31690 NP 391047.2             DLGLVKALSKLVAQQQERVPFHIRLNTGRFTASLDLDSQLNLYRIIQEFLSNAVKHSQATDVLIMLISIQNKIVLHYEDD   719
consensus                                    !!!!!!!*!!! !!!!!! !!!!!!!!!!!!! !!!!*!!!!!!!!!!!!!!!!*!!!!! *!!!!!!!!!!!!**!!!!!!

logo

NTDB id 282770 C7M22 RS02455 WP 160223246.1  GVGCNQEEGGGQSMSMGLSGIKERVRALDGRMKIDTSEGNGFKVDIEMEL   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