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logo
NTDB id 249056 CP943 RS17610 WP 023856154.1  MRVNYNKLSLIIILLSLSLVPYIIYVNLHSSYLGMTMQFNEKNEYQVFEIEKGSLAQSLGFEKGDVILEINGKSVEKLRA   80
NTDB id 91 BSU 31690 NP 391047.2             MKNLIKKFTIAVIVLSILYISYTTYISMNGIIIGTKIHKNDKSQFMIEEISESSYGQFVGLRQGDIILKINKEKPSDKHL   80
consensus                                    !*    ! ** *!*!!*  **!  !* **   *!  ** !*!  * * !!   ! *! *!   !!*!! !!   *   *

logo

NTDB id 249056 CP943 RS17610 WP 023856154.1  DDGKLADELSDVKSMIVERDGEIGFVETGYEL...VSYESLFLFIIPMMFYLLSLFCVYFIIKSNKRLNSASAFILIVFL   157
NTDB id 91 BSU 31690 NP 391047.2             KWGYL....SHINSLDILRSGKKIH.LKDFDLVTLNRPYSFFLFVLPLFFYFLSIICIFYILKVNKKRRSFAAYILILLL   155
consensus                                      ! !****!** !* * ! !   **   **!***  * ! !!!**!* !! !!* !***!*! !!*  !  !*!!!* !

logo

NTDB id 249056 CP943 RS17610 WP 023856154.1  LVTSTAYSCSVGSAKGDSLSIYITMITFQFVPVLYLHYIYQYFKEKGKEFFNNKIFLFLYPVGLLNLLLEIFSDNLQISY   237
NTDB id 91 BSU 31690 NP 391047.2             LDISIAYISAGGPFRGHIINRYINLFTFISSPILYLQFIQRYLGEIGKTFLNRISFLYIIP..IFNLGIEFFQDYLQVDI   233
consensus                                    !  ! !! *  !* *!* *  !! * !!   !*!!!**!  !  ! !! ! !   !!** !*** !! *! ! ! !!*

logo

NTDB id 249056 CP943 RS17610 WP 023856154.1  SSIKLFNLVSFLFVTIIAFALIIYGVIKNKASEQAYFLRILVITNFVAFIPFLIFYVIPYVFIGDYIFPAMFVVPFLLII   317
NTDB id 91 BSU 31690 NP 391047.2             DFLATLNLVSFATLTLFSFSAIYLHLNKYKYAEHSFILKLLILTNTLSFAPFLIFFVLPIIFTGNYIFPALASASLLVLI   313
consensus                                      *   !!!!!  *!*  !  !  ** ! !  !* * !**!**!! * ! !!!!!*!*! *! ! !!!!!*   * !**!

logo

NTDB id 249056 CP943 RS17610 WP 023856154.1  PFSLVYQFIATKIYDIEFLLGRFKYYGLLAILPSLTAVGVFTLTQELSNSLNTVKNTIFIYFIMLGVFYLKEILDFRFRL   397
NTDB id 91 BSU 31690 NP 391047.2             PFGLVYQFVANKMFDIEFILGRMRYYALLAMIPTLLIVGALVLFDVMDIQMNPVRQTVFFFVVMFAVFYFKEVMDFKFRL   393
consensus                                    !! !!!!!*! !**!!!!*!!! *!!*!!!**!*!  !!    !   *   *!*!**!*! * *! *!!! !!**!!*!!!

logo

NTDB id 249056 CP943 RS17610 WP 023856154.1  KRFSEKFNYQDSVFKFTQLIRSSTSLAQVLRELSQTILDVLPVSQAYVLELKSDGTVGLLENNANDQVWKPYEKEAFRAI   477
NTDB id 91 BSU 31690 NP 391047.2             KRFSEKFNYQDSIFKYTQLMRGVTSLQQVFKELKNTILDVLLVSKAYTFEVTPDHKVIFLDKHEVGPDWNFYQEEFENVT   473
consensus                                    !!!!!!!!!!!!*!!*!!!*!  !!! !! *!! *!!!!!!*!! !!  !* *!* !  !* *   * ! *!  !

logo

NTDB id 249056 CP943 RS17610 WP 023856154.1  TDIGKIVEVDRGFLIKIGERGGTSYVMLCLSVLNTPRLTRDEISWLETLAFYTSVSLENVLKIGELMEHLEHVKKEGPNP   557
NTDB id 91 BSU 31690 NP 391047.2             SEIGKIIEVNQGFLMKVGERGGSSYVLLCLSNINTPRLTRDEISWLKTLSFYTSVSMENVLHIEELMEHLKDLKQEGTNP   553
consensus                                    **!!!*!!  !!!*!*!!!!!*!!!*!!!! *!!!!!!!!!!!!! !! !!!!!!*!!!!*! !!!!!! **! !!*!!
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logo

NTDB id 249056 CP943 RS17610 WP 023856154.1  AWLNKLMFAIEEKQRSDLARDLHDSVLQDMISLKHQSEMFLADFEKD.KVCTNQIRQRLINMNEQMSTVIQTTRETCQEL   636
NTDB id 91 BSU 31690 NP 391047.2             IWLKKLMFAIEEKQRSGLARDLHDSVLQDLISLKRQCELFLGDFKKDDNPCREEVQDKLVQMNEQMSDVISMTRETCHEL   633
consensus                                     !! !!!!!!!!!!!! !!!!!!!!!!!!*!!!!*!*!*!!*!! !!* *!    *  *!**!!!!!! !!  !!!!!*!!

logo

NTDB id 249056 CP943 RS17610 WP 023856154.1  RPQLLYDLGLVKALSKLAAQHQESSSIDKIRLNTERFSKVLDLDTQLNLYRIVQELLSNAVKHSKANEVLIMLVCIKEKV   716
NTDB id 91 BSU 31690 NP 391047.2             RPQLLYDLGLVKALSKLVAQQQERVP.FHIRLNTGRFTASLDLDSQLNLYRIIQEFLSNAVKHSQATDVLIMLISIQNKI   712
consensus                                    !!!!!!!!!!!!!!!!!! !!*!!  ** *!!!!! !!*  !!!!*!!!!!!!*!! !!!!!!!! ! *!!!!!**!  !*

logo

NTDB id 249056 CP943 RS17610 WP 023856154.1  VLHYEDDGIGFDPDKLYQNSASMGLSGIRERVRALNGSLDIQTAEGKGFRVAIEMEL   773
NTDB id 91 BSU 31690 NP 391047.2             VLHYEDDGVGFDQEKNTEHSMSMGLSGIKERVRALDGRLRIETSEGKGFKADIEIEL   769
consensus                                    !!!!!!!!*!!!**!   *! !!!!!!!*!!!!!! ! ! ! ! !!!!!*  !!*!!
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X non conserved

X similar

X $\geq$ 50% conserved