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logo

NTDB id 259995 CXP43 RS16585 WP 269800792.1  MTQLGLLKKQESCGSLRQLLKCFTVALLLFGIFYFTFIIYYTQNGILIGTKVVQSSNQELKVVDISKSSYGRIMGLKIGD   80
NTDB id 91 BSU 31690 NP 391047.2             ...............MKNLIKKFTIAVIVLSILYISYTTYISMNGIIIGTKIHKNDKSQFMIEEISESSYGQFVGLRQGD   65
consensus                                    ******************!*!*!!*!***  ! ! **  ! * !!!*!!!!**       * *!! !!!!  *!!* !!

logo

NTDB id 259995 CXP43 RS16585 WP 269800792.1  RITEINGGKPKKENIYGSYLAKIKYLKVERDGRLIELKNIEFIYLDSPYSFFSYIIPCIFFLLSLICIFYIFKVNLRKDS  160
NTDB id 91 BSU 31690 NP 391047.2             IILKINKEKPSDKHLKWGYLSHINSLDILRSGKKIHLKDFDLVTLNRPYSFFLFVLPLFFYFLSIICIFYILKVNKKRRS  145
consensus                                     !  !!  !!   **   !! *!  ! * ! !* !*!!  * * !  !!!!! ***!* !* !!*!!!!!! !!! ** !

logo

NTDB id 259995 CXP43 RS16585 WP 269800792.1  VSAYILICFLLCISIAYLSAGGVTRGYRINRYINLYTFLAVPVLYLNFLHQYFKELKVKFSRGIYVGLLYLLPLINILLE  240
NTDB id 91 BSU 31690 NP 391047.2             FAAYILILLLLDISIAYISAGGPFRGHIINRYINLFTFISSPILYLQFIQRYLGEIGKTFLNR..ISFLYIIPIFNLGIE  223
consensus                                      !!!!!* !!*!!!!!*!!!!* !!* !!!!!!!*!!*  !*!!!*!** !  !*   !   ***  !!**!* !* *!

logo

NTDB id 259995 CXP43 RS16585 WP 269800792.1  LFRDRIGHH..LIVSLNLLTFLLEMIVVYVSLILYQIKHRKKDFSYLLKVLLVSNTIAFLPFSLLYIAPLIIFGQYVYSA  318
NTDB id 91 BSU 31690 NP 391047.2             FFQDYLQVDIDFLATLNLVSFATLTLFSFSAIYLHLNKYKYAEHSFILKLLILTNTLSFAPFLIFFVLPIIFTGNYIFPA  303
consensus                                     ! ! * **** * *!!!**!    *  *  * !*  !**  **!**!!*!***!!* ! !! * ** !*!  !*!***!

logo

NTDB id 259995 CXP43 RS16585 WP 269800792.1  VVTAPFLLLIPLALVYQFVVNKIYNIDFLLGRLRYYCLLAVIPTIGIVWVFVVFINKNKNFDTFQITLFVFLIMLAVFYF  398
NTDB id 91 BSU 31690 NP 391047.2             LASASLLVLIPFGLVYQFVANKMFDIEFILGRMRYYALLAMIPTLLIVGALVLFDVMDIQMNPVRQTVFFFVVMFAVFYF  383
consensus                                    * *!* !*!!! *!!!!!! !!** !*!*!!!*!!!*!!!*!!!* !!    !*!     *  *   !*! !**! !!!!!

logo

NTDB id 259995 CXP43 RS16585 WP 269800792.1  KEVLDFKFRLKRFSEKYNYQDSIFKYTQLLKSVSALNQVFMNLKKTILDVLPVSKAYIFEINSDGDILYFDKQNSEPNWQ  478
NTDB id 91 BSU 31690 NP 391047.2             KEVMDFKFRLKRFSEKFNYQDSIFKYTQLMRGVTSLQQVFKELKNTILDVLLVSKAYTFEVTPDHKVIFLDKHEVGPDWN  463
consensus                                    !!!*!!!!!!!!!!!!!*!!!!!!!!!!!!!** !* !*!!!  !! !!!!!!*!!!!! !!* *!* *** !!*   ! !*

logo

NTDB id 259995 CXP43 RS16585 WP 269800792.1  PYKKEFDKVTSEIGKIIEVNQGFLMKIGERGANSYVLLCLSSINTPRLTRDEISWLKTLSFYTSVSMENILQIEELMNHL  558
NTDB id 91 BSU 31690 NP 391047.2             FYQEEFENVTSEIGKIIEVNQGFLMKVGERGGSSYVLLCLSNINTPRLTRDEISWLKTLSFYTSVSMENVLHIEELMEHL  543
consensus                                    *!  !!* !!!!!!!!!!!!!!!!!!!*!!!!* !!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!*!*!!!!! !!
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logo

NTDB id 259995 CXP43 RS16585 WP 269800792.1  QDLKQQGSNPVWLKKLMFTIEEKQRSDLARDLHDSVLQDLISLKRQCELFLADFKK.EEPCQLEVQDKLHQMNEQMSDVI   637
NTDB id 91 BSU 31690 NP 391047.2             KDLKQEGTNPIWLKKLMFAIEEKQRSGLARDLHDSVLQDLISLKRQCELFLGDFKKDDNPCREEVQDKLVQMNEQMSDVI   623
consensus                                     !!!!  !*!!*!!!!!!! !!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!*!!!!** !!   !!!!!!*!!!!!!!!!!

logo

NTDB id 259995 CXP43 RS16585 WP 269800792.1  LMTRETCHELRPQLLYDLGLVKAVSKLTAQQQERAPFHIRLNTGRFTAALDLDTQLNLYRIIQEFLSNAMKHSQANEVLI   717
NTDB id 91 BSU 31690 NP 391047.2             SMTRETCHELRPQLLYDLGLVKALSKLVAQQQERVPFHIRLNTGRFTASLDLDSQLNLYRIIQEFLSNAVKHSQATDVLI   703
consensus                                     !!!!!!!!!!!!!!!!!!!!!!*!!! !!!!!!! !!!!!!!!!!!!!! !!!!*!!!!!!!!!!!!!!!!!*!!!!! *!!!

logo

NTDB id 259995 CXP43 RS16585 WP 269800792.1  MLISIQNKVILHYEDDGVGCNQEEGGGQSMSMGLSGIKERVRALDGRMKIDTSEGNGFKADIEMEL   783
NTDB id 91 BSU 31690 NP 391047.2             MLISIQNKIVLHYEDDGVGFDQEKNTEHSMSMGLSGIKERVRALDGRLRIETSEGKGFKADIEIEL   769
consensus                                     !!!!!!!!**!!!!!!!!!* !!    *!!!!!!!!!!!!!!!!!!!!!**!*!!!! !!!!!!!*!!
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X non conserved

X similar

X $\geq$ 50% conserved