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logo
NTDB id 1426 RS RS05575 WP 011001070.1     MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLA   80
NTDB id 154300 AK972 RS06955 WP 063027914.1 ....MFALALGLLALRFLPALP........SSGWLLLMPVLALMLLPFR....TYPLAFFLLGLGWACLSAQWALDDRLA   64
NTDB id 1199 PSJM300 12650 AFN78592.1      MRAGMLALAAGLLLLRFLPQLP........SFGWLLALAPVGLLLLPFR....WRPLAFFLFGLVWACLNAQWALDDRLP   68
consensus                                  *** ******!***!***!*!*        * **!!*********!****!      *!!*** !**!*** !!**!***!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1     PAWEGKDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQRW  160
NTDB id 154300 AK972 RS06955 WP 063027914.1 PRLDGQTRWVEGRVSGLPQQTGDGVRFELTD.SRSRKDLLPKRIRVSWRG....................GPAVQSGERW  123
NTDB id 1199 PSJM300 12650 AFN78592.1      VDLDGRTFWLEGQVTGLPDRRGDVVRFELED.IHSRHAGLPSRIRLAWYG....................GPEIRSGERW  127
consensus                                  * **!** ***! !**!!* **!**!!** * * ** ***! !*!**!*!                      *!*****!*!!

logo
NTDB id 1426 RS RS05575 WP 011001070.1     QLTLRLKRPHSLMNPGGFDGEYAMLADDVRAAGYVYTGKRARNALMGEADAGSGVGLRVERWRAAVRRHLLAALPEARYA  240
NTDB id 154300 AK972 RS06955 WP 063027914.1 RLAVTLKRPSGLLNAEGFDYEAWLLAQRIGATGSVKDGQKLAPA..............RHAWRDGIRQRLLAADAQGR.E  188
NTDB id 1199 PSJM300 12650 AFN78592.1      RLAARLKRPSGMVNPSAFDYEAWLLARRIGATGTIKAGERIAEAA............SSGAWRDRLRQRLLTVEAHGR.A  194
consensus                                  *!**!!!!***!* *!!*!***!! ***!*!*** ! *** !                *!!***!**!!**** *! *

logo
NTDB id 1426 RS RS05575 WP 011001070.1     PVIVALVVGDQSGIAQADWERFRRTGISHLVSISGLHITMIAGLFGALWMALWRRSFGLARWLRTPLPLRMPAQRAGAVA  320
NTDB id 154300 AK972 RS06955 WP 063027914.1 AGLAALVLGDGSGLAAEDWRVLQDTGTVHLLVISGQHIGLLAGLIYGLV.......AGLARFGCWPKPLPW..LPWACGL  259
NTDB id 1199 PSJM300 12650 AFN78592.1      GAIAALVVGDGSGLSTADWRVLQDTGTVHLMVISGQHVGMLAGLLYAVV.......LLLARWGIWPQRLPW..LPWACGL  265
consensus                                  ****!!!*!!*!!** *!!*****!!**!!*!!!!*!****!!!*****       *!!!** *! *!**   *******

logo
NTDB id 1426 RS RS05575 WP 011001070.1     AMAAAFAYCLLAGMGVPAQRTLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLAARI  400
NTDB id 154300 AK972 RS06955 WP 063027914.1 GFAAALGYGLLAGFEVPVQRACVMVGLVLLWRLRFRHLGIWWPLLLALNAVLILEPLASLQPGFWLSFAAVAVLILAFSG  339
NTDB id 1199 PSJM300 12650 AFN78592.1      AFAGALGYGWLAGFEVPVRRACLMVAIVLLWRLRFRHLGVWLPLLIALVGVLMVDPLASLQPGFWLSFVAVALLIWIFRG  345
consensus                                  **!*!**!**!!!**!!**!***!***!***!!**!*******!**!* *!*****!*!****!*!!!!*!!!********

logo
NTDB id 1426 RS RS05575 WP 011001070.1     VAADARDDVRRPAWPVRAWRGLRGAARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTA.LPEP  479
NTDB id 154300 AK972 RS06955 WP 063027914.1 R..............LGPWRAWQAWTRAQWLIAIGLFPLLLVLGLPISLSGPLANLVAVPWISLVVLPLALLGTVLLPLP  405
NTDB id 1199 PSJM300 12650 AFN78592.1      R..............LGVPSWWRALLYAQWAMALGLLPAMLVLGLPVSLSGPLANLLAVPWISVLVVPLALLGSFLLWVP  411
consensus                                  *             ** ******  **!*****!!*!**!*!****!*****!!**!*!**!****!!!!*!* *!**!
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logo
NTDB id 1426 RS RS05575 WP 011001070.1      WSQPVLIWAEAS.FAWLMPWLDALALPGGSVWVAPAAPAWAWGLAVVGVPLLLVPGGYRAWAWRAQGAVLLLPMLLARAP   558
NTDB id 154300 AK972 RS06955 WP 063027914.1 YIGEGLLWLAGGTLDWLFKALA.LLAQYVPAWIPAHVPMGYWLVSLLGAVLLLLPKGVP...FRLLGWPMLLLAVFPPRE   481
NTDB id 1199 PSJM300 12650 AFN78592.1       WLGEALLWLAGGLLAVLFELLA.LIAGWQPAWLASALPLWAWSLVALGTLVLLLPAGVP...LRVLGTLLLAPLLFAPDS   487
consensus                                   *****!*!**** ***!*  !* !** * **!** **!***! * **! **!!*!*!**   *!**! **!*******

logo
NTDB id 1426 RS RS05575 WP 011001070.1      APPPGEFRMVAFDIGQGAATLVETAGHRLLFDTGPRQGDLADAADRVIVPYLRGHGVQAIDTLVVSHEDSDHAGGTETVM   638
NTDB id 154300 AK972 RS06955 WP 063027914.1 SIPHGRVEVVQLDVGQGLAIILRTRNHVLLYDAGPRSGEF.DLGARVVLPALRKLGVAGLDMMLLSHADADHAGGALAVA   560
NTDB id 1199 PSJM300 12650 AFN78592.1       RPEQGRAEVWVFDVGQGLSVLVRTRDHALLYDAGPRYGDF.DIGERVVFPSLRQLGLERLDLMMLSHADSDHAGGALAIQ   566
consensus                                    ** !* *** *!*!!!*****!* ! !!*!*!!! !** !***!!**! !! *!* **!****!!*!*!!!!!****

logo
NTDB id 1426 RS RS05575 WP 011001070.1      AGVPVRTMLASLPPGHGLERQARALGIEPAGCVAGQRWAWDGVAFEILYPVQVPSDRAAVSSNARSCVLRIANARYAAML   718
NTDB id 154300 AK972 RS06955 WP 063027914.1 HGLPIKRVVGGETE.......RLPAALGTQACVSGERWDWDGVTFELWQWP......DATDGNQMSCVLLVQANGERLLL   627
NTDB id 1199 PSJM300 12650 AFN78592.1       RAMPVGAVLSGEPE.......RLPAALDARSCRTGQRWTWNQVNFSVWRWP......QATNGNQASCVLMVEAAGERLLL   633
consensus                                    **!** *******        *******  *!**!*!! !**! !*** **       !* *!* !!!!** *******!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      AGDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAVSAQVAVFQVGYRNRYGHPHPQVWQRYGARGIERLR   798
NTDB id 154300 AK972 RS06955 WP 063027914.1 TGDIDREAERALLAT..PLGAPVDWLQAPHHGSRSSSSWPFLQRLAPKGVLISRGRSNAFGHPHPHVLERYQAVGSLIYD   705
NTDB id 1199 PSJM300 12650 AFN78592.1       TGDIDAQAERALVDG..GMEVNARWLLAPHHGSNSSSSAVFLAAVAADGALISRSSHNAFGHPHPAVLKRLQNAGAELHD   711
consensus                                   *!!!** *!*!!***  ** * ***!**!!!!!**!!!* !! **** *******  !**!!!!! !* !*** ! ** *

logo
NTDB id 1426 RS RS05575 WP 011001070.1      TDATGAVVIETRGDALAVRTARSMRPRYWSSALEVAALAETT....EPTG.....AQP..   847
NTDB id 154300 AK972 RS06955 WP 063027914.1 SAEQGALRLQLGT..FQPPQAVRSQRRFWREPPPQNSVTKDWALRQDALGPASPSAGPLW   763
NTDB id 1199 PSJM300 12650 AFN78592.1       TAEHGALSLQLGA..FGGARRMRDEPRFWREK...........................   741
consensus                                   *** !!* *****  **   ***  *!*!**      *         *  *     * *
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X non conserved

X similar

X ≥ 50% conserved