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logo
NTDB id 1426 RS RS05575 WP 011001070.1      MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLA   80
NTDB id 415434 GVI48 RS21935 WP 031652574.1 MRLGLPALAAGLLALRFLAELPS........VGWLLGMAAAG....LLLLFGRLYWLGLFLLGFAWACGSAQVALDGRLA   68
NTDB id 1199 PSJM300 12650 AFN78592.1       MRAGMLALAAGLLLLRFLPQLPS........FGWLLALAPVG....LLLLPFRWRPLAFFLFGLVWACLNAQWALDDRLP   68
consensus                                   !!********!!***!**** !**        ***!!**! **    !**!  **  !* ** !**!**  !! *!* *!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PAWEGKDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQRW  160
NTDB id 415434 GVI48 RS21935 WP 031652574.1 AELDGRTLWLEGRVVDLPASGEGVTRFRLEEVRAARGVLLPERLRLSWRG....................APPLMGGERW  128
NTDB id 1199 PSJM300 12650 AFN78592.1       VDLDGRTFWLEGQVTGLPDRRGDVVRFELEDIHS.RHAGLPSRIRLAWYG....................GPEIRSGERW  127
consensus                                    ***!******! ! *!!*  ****!! **** * ** **! !*!!*!*!                     *!**  !*!!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      QLTLRLKRPHSLMNPGGFDGEYAMLADDVRAAGYVYTGKRARNALMGEADAGSGVGLRVERWRAAVRRHLLAALPEARYA  240
NTDB id 415434 GVI48 RS21935 WP 031652574.1 RLAVTLKRPRGLVNAAGFDYEAWLLAQRVGAVGTVKAGQRLQPAS............GLDAWRDAWRQRLLAVDAQG.RG  195
NTDB id 1199 PSJM300 12650 AFN78592.1       RLAARLKRPSGMVNPSAFDYEAWLLARRIGATGTIKAGERIAEAA............SSGAWRDRLRQRLLTVEAHG.RA  194
consensus                                   *!***!!!! ***!***!!*!***!! ***! !****! !*  !              ***!!***!**!!**** * **

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PVIVALVVGDQSGIAQADWERFRRTGISHLVSISGLHITMIAGLFGALWMALWRRSFGLARWLRTPLPLRMPAQRAGAVA  320
NTDB id 415434 GVI48 RS21935 WP 031652574.1 AALAALVLGDGSGLSAAEWRMFQDTGTVHLMVISGSHISLLAGMLYGLVAALHRLG.......C..WPRRLPWLPCACAL  266
NTDB id 1199 PSJM300 12650 AFN78592.1       GAIAALVVGDGSGLSTADWRVLQDTGTVHLMVISGQHVGMLAGLLYAVVLLLARWG.......I..WPQRLPWLPWACGL  265
consensus                                   ****!!!*!!*!!** !*!*****!!**!!**!!! !*****!!********! ! *          *! !*!*** ****

logo
NTDB id 1426 RS RS05575 WP 011001070.1      AMAAAFAYCLLAGMGVPAQRTLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLAARI  400
NTDB id 415434 GVI48 RS21935 WP 031652574.1 GLLGAWSYGLMAGFEVPVRRACLMVSLALVWRLRFRHLGLLTPLLGTLVLVLLVEPLASLQAGFWLSFLAVALLLWLFA.  345
NTDB id 1199 PSJM300 12650 AFAGALGYGWLAGFEVPVRRACLMVAIVLLWRLRFRHLGVWLPLLIALVGVLMVDPLASLQPGFWLSFVAVALLIWIFR.  344
consensus                                   ****!**!***!!**!!**!**!!*******!!**!**** **!* ****!**!*!*!****!*!!!!*!!!*******

logo
NTDB id 1426 RS RS05575 WP 011001070.1      VAADARDDVRRPAWPVRAWRGLRGAARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTAL.PEP  479
NTDB id 415434 GVI48 RS21935 WP 031652574.1 ......GRLGRWRW.......WAAWGRAQWGMALGLAMPLLALGLPLSLSGAPANLLAVPWIELLVVPPALAGSLLLWVP  412
NTDB id 1199 PSJM300 12650 AFN78592.1       ......GRLGVPSW.......WRALLYAQWAMALGLLPAMLVLGLPVSLSGPLANLLAVPWISVLVVPLALLGSFLLWVP  411
consensus                                    ****** !       *** ***!*****!!** *!*!****!*****!!*!!!*!*******!*!!*!* !***!
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logo
NTDB id 1426 RS RS05575 WP 011001070.1      WSQPVLIWAEASFAWLMPWLDALALPGGSVWVAPAAPAWAWGLAVVGVPLLLVPGGYRAWAWRAQGAVLLLPMLLARAPA   559
NTDB id 415434 GVI48 RS21935 WP 031652574.1 GLGEGLLRAAGVSLDLLFRALGLLAGLAEAWQPPAAAAWSVALGMLGALCWLAPAGLP...LRALGAALLLPALLPSSPP   489
NTDB id 1199 PSJM300 12650 AFN78592.1       WLGEALLWLAGGLLAVLFELLALIAGWQPAWLASALPLWAWSLVALGTLVLLLPAGVP...LRVLGTLLLAPLLFAPDSR   488
consensus                                   ****!*****  * *** ***!*** * *!***!***!***!***! ***!*!*!**   *!**!**!!*!*!**  *

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PPPGEFRMVAFDIGQGAATLVETAGHRLLFDTGPRQGDLADAADRVIVPYLRGHGVQAIDTLVVSHEDSDHAGGTETVMA   639
NTDB id 415434 GVI48 RS21935 WP 031652574.1 VEWGRAEVRVLDVGQGLAVLVRTREHVLLYDSGARQGAF.DMGERVVVPVLRSLDLRRLDGLLLSHADNDHAGGAPTVAS   568
NTDB id 1199 PSJM300 12650 AFN78592.1       PEQGRAEVWVFDVGQGLSVLVRTRDHALLYDAGPRYGDF.DIGERVVFPSLRQLGLERLDLMMLSHADSDHAGGALAIQR   567
consensus                                   **  !**** **!*!!!***!!*!**! !!*!*!*!*!** !***!!**! !!  ***  **!  ***!!*!*!!!!!* **

logo
NTDB id 1426 RS RS05575 WP 011001070.1      GVPVRTMLASLPPGHGLERQARALGIEPAGCVAGQRWAWDGVAFEILYPVQVPSDRAAVSSNARSCVLRLANARYAAMLA   719
NTDB id 415434 GVI48 RS21935 WP 031652574.1 RFPPGWLVSGEPAR.......LPSPLFADSCD.ERRWSWDGVVFEQWAWAQ......AGDSNDRSCVLRVEADGEVLLLT   634
NTDB id 1199 PSJM300 12650 AFN78592.1       AMPVGAVLSGEPER.......LPAALDARSCRTGQRWTWNQVNFSVWRWPQ......ATNGNQASCVLMVEAAGERLLLT   634
consensus                                   **!** *****! *        ** **** *!  **!!*!**! !*** * !      !  *! *!!!!******* **!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1      GDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAVSAQVAVFQVGYRNRYGHPHPQVWQRYGARGIERLRT   799
NTDB id 415434 GVI48 RS21935 WP 031652574.1 GDISRAAEHAWLARQAD..PRVDWLLAPHHGSRSSSGVAFVLRTRPRHVLVSRGWRNAFGHPHGEVMERYARVAAQVHDT   712
NTDB id 1199 PSJM300 12650 AFN78592.1       GDIDAQAERALVDGGME..VNARWLLAPHHGSNSSSSAVFLAAVAADGALISRSSHNAFGHPHPAVLKRLQNAGAELHDT   712
consensus                                   !!!  ***! !**** **  * ***!!*!!!!!**!!***!* ** *  ********!**!!!!* !* !**  ******!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      DATGAVVIET..RGDALAVRTARSMRPRYWSSALEVAALAETTEPTGAQP   847
NTDB id 415434 GVI48 RS21935 WP 031652574.1 ARDGALTFLLGSRGGARR....ERDSAHFWREK..................   741
NTDB id 1199 PSJM300 12650 AFN78592.1       AEHGALSLQLGAFGGARR....MRDEPRFWREK..................   741
consensus                                   *  !!*** ** *!*!**     ** ***!***
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X non conserved

X similar

X ≥ 50% conserved