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logo
NTDB id 1426 RS RS05575 WP 011001070.1      MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLA   80
NTDB id 393534 FIV02 RS08180 WP 256663103.1 MRTGMLALALGLLALRFLPGLPS........AGMLLLMAACALALLFSRGYP....LGFFLLGLAWACCSAQWALDDRLG   68
NTDB id 1199 PSJM300 12650 AFN78592.1       MRAGMLALAAGLLLLRFLPQLPS........FGWLLALAPVGLLLLPFRWRP....LAFFLFGLVWACLNAQWALDDRLP   68
consensus                                   !!********!***!***!*!**         * !!**! ******  !  !    !**** !**!**  !!**!***!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PAWEGKDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQRW  160
NTDB id 393534 FIV02 RS08180 WP 256663103.1 VALDGRTLWLEGQVVGLPEAADGVLRFQLQDARS.RRAELPARMRLAWYGG....................PPVLAGERW  127
NTDB id 1199 PSJM300 12650 AFN78592.1       VDLDGRTFWLEGQVTGLPDRRGDVVRFELEDIHS.RHAGLPSRIRLAWYGG....................PEIRSGERW  127
consensus                                   ****!******!*! *!!*  ****!! * *  ! * ***! !*!!*!!!*                     !**  !*!!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      QLTLRLKRPHSLMNPGGFDGEYAMLADDVRAAGYVYTGKRARNALMGEADAGSGVGLRVERWRAAVRRHLLAALPEARYA  240
NTDB id 393534 FIV02 RS08180 WP 256663103.1 RLAVNLKRPHGLVNPQRFDYEAWLLAQRIGATGTIKSGERLAPA............TGLGSWRDALRQRLLAV.PAWGRQ  194
NTDB id 1199 PSJM300 12650 AFN78592.1       RLAARLKRPSGMVNPSAFDYEAWLLARRIGATGTIKAGERIAEA............ASSGAWRDRLRQRLLTV.EAHGRA  194
consensus                                   *!***!!!!****!! *!!*!***!! ***!*!****!*!** !              ** !!***!**!!** ** ***

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PVIVALVVGDQSGIAQADWERFRRTGISHLVSISGLHITMIAGLFGALWMALWRRSFGLARWLRTPLPLRMPAQRAGAVA  320
NTDB id 393534 FIV02 RS08180 WP 256663103.1 GGIAALVLGDGSGLTAEDWRLLQHTGTVHLMVISGQHIALLSGFLYGLVALL.......ARLGV..WPQRLPWLPCACAL  265
NTDB id 1199 PSJM300 12650 AFN78592.1       GAIAALVVGDGSGLSTADWRVLQDTGTVHLMVISGQHVGMLAGLLYAVVLLL.......ARWGI..WPQRLPWLPWACGL  265
consensus                                   **!*!!!*!!*!!** *!!**** !!**!!**!!!*!*****!********!       !!***  *!*!*!***  ****

logo
NTDB id 1426 RS RS05575 WP 011001070.1      AMAAAAFAYCLLAGMGVPAQRTLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLAARI  400
NTDB id 393534 FIV02 RS08180 WP 256663103.1 ALGGALIYGLLAGFEVPVRRACVMVALVLLWRLRFRHLGAAWPLLAALLVVLLLEPLASLQPGFWLSFSAVAVLALAFAG  345
NTDB id 1199 PSJM300 12650 AFN78592.1       AFAGALGYGWLAGFEVPVRRACLMVAIVLLWRLRFRHLGVWLPLLIALVGVLMVDPLASLQPGFWLSFVAVALLIWIFRG  345
consensus                                   !***!**!**!!!**!!**!***!*!*!***!!**!**** **!* !***!****!*!****!*!!!! !!!** *****

logo
NTDB id 1426 RS RS05575 WP 011001070.1      VAADARDDVRRPAWPVRAWRGLRGAARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTA.LPEP  479
NTDB id 393534 FIV02 RS08180 WP 256663103.1 .......RLG.......TWGWWRGLTRAQWTTAIGLLPMMLILGLPVSSSGPLANLLAVPWVGLVVVPLALFGTLLLPVP  411
NTDB id 1199 PSJM300 12650 AFN78592.1       .......RLG.......VPSWWRALLYAQWAMALGLLPAMLVLGLPVSLSGPLANLLAVPWISVLVVPLALLGSFLLWVP  411
consensus                                   ***         * **!** **!*****!!!!**!*!***!!*****!!*!!*!*******!!!!*!* *!**!
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logo
NTDB id 1426 RS RS05575 WP 011001070.1      WSQPVLIWAEASFAWLMPWLDALALPGGSVWVAPAAPAWAWGLAVVGVPLLLVPGGYRAWAWRAQGAVLLLPMLLARAPA   559
NTDB id 393534 FIV02 RS08180 WP 256663103.1 LLGEGLLWLAGGALQLLFALLGLIAGWLPAWLPSELPWWVWSLAALGAALLLLPAGVP...LRLPGLALLLPALLVSAQG   488
NTDB id 1199 PSJM300 12650 AFN78592.1       WLGEALLWLAGGLLAVLFELLALIAGWQPAWLASALPLWAWSLVALGTLVLLLPAGVP...LRVLGTLLLAPLLFAPDSR   488
consensus                                   ****!*!**** * *** !**!**** **!*****! !*!*!***!  *!!*!*!**   *!* ! *!!*!*!** * *

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PPPGEFRMVAFDIGQGAATLVETAGHRLLFDTGPRQGDLADAADRVIVPYLRGHGVQAIDTLVVSHEDSDHAGGTETVMA   639
NTDB id 393534 FIV02 RS08180 WP 256663103.1 PEDGQADVWVLDVGQGLSVLVRTREHSLLYDAGPRFGDFD.SGERIVLPSLRALNLRRLDLLLVSHADNDHAGGATAVAA   567
NTDB id 1199 PSJM300 12650 AFN78592.1       PEQGRAEVWVFDVGQGLSVLVRTRDHALLYDAGPRYGDFD.IGERVVFPSLRQLGLERLDLMMLSHADSDHAGGALAIQR   567
consensus                                   !* ! ******!*!!!***!!*!**! !!*!*!!!*!!**  **!***!*!!**** **!****!!*!*!!!!!* ** *

logo
NTDB id 1426 RS RS05575 WP 011001070.1      GVPVRTMLASLPPGHGLERQARALGIEPAGCVAGQRWAWDGVAFEILYPVQVPSDRAAVSSNARSCVLRIANARYAAMLA   719
NTDB id 393534 FIV02 RS08180 WP 256663103.1 GMPVARVISGEPARL.......ARSLAAEACESGRSWQWDGVTFRLWQWPQ......AAPGNPRSCVLQVEAEGERLLLT   634
NTDB id 1199 PSJM300 12650 AFN78592.1       AMPVGAVLSGEPERL.......PAALDARSCRTGQRWTWNQVNFSVWRWPQ......ATNGNQASCVLMVEAAGERLLLT   634
consensus                                   **!!* *****! **        * **** *! *!**! !**! ! ** **!      !  *! *!!!! *********!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1      GDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAVSAQVAVFQVGYRNRYGHPHPQVWQRYGARGIERLRT   799
NTDB id 393534 FIV02 RS08180 WP 256663103.1 GDIDAAAEQALVQSGF..PLASHWLLAPHHGSRSSSSQRFIDAVGPQHVLITRSRHNAFGHPHPQVLARYQAAGVAVHDT   712
NTDB id 1199 PSJM300 12650 AFN78592.1       GDIDAQAERALVDGGM..EVNARWLLAPHHGSNSSSSAVFLAAVAADGALISRSSHNAFGHPHPAVLKRLQNAGAELHDT   712
consensus                                   !!!****! !!* **    * * *!!*!!!!!**!!!* !**!!*** ****** *!**!!!!!*!* !****!*****!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      DATGAVVIETRGDALAVRTARSMRPRYWSSALEVAALAETTEPTGAQP   847
NTDB id 393534 FIV02 RS08180 WP 256663103.1 AYAGALHLRLG.KWLAP.RGLRSEARFWREK.................   741
NTDB id 1199 PSJM300 12650 AFN78592.1       AEHGALSLQLG.AFGGA.RRMRDEPRFWREK.................   741
consensus                                   *  !!* * **  ***  **** **!*!***
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X non conserved

X similar

X ≥ 50% conserved