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logo
NTDB id 1426 RS RS05575 WP 011001070.1      MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLA   80
NTDB id 317041 D6Z43 RS09105 WP 162945891.1 MVSGLATLAVGLLLLRWMPVLPPVWWLLLQLILGFA...LLAS..RA.......WRSGLFLLGLGWACMSAQWALDDRLE   68
NTDB id 1199 PSJM300 12650 AFN78592.1       MRAGMLALAAGLLLLRFLPQLPSFGWLLALAPVGLL...LLPF..RW.......RPLAFFLFGLVWACLNAQWALDDRLP   68
consensus                                   !**********!***!***! !***************   !!    !          ** ** !**!*** !!**!***!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PAWEGKDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQRW  160
NTDB id 317041 D6Z43 RS09105 WP 162945891.1 SRLDGQVRWLEGTVVGLPSTADGVVRFELAALHS.SRAQLPGRLRLSWHG.....................GPRVFAGERW  127
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 317041 D6Z43 RS09105 WP 162945891.1 RLAVRLKRPRGLVNPATFDYEAWLLARRIGATGSVKAGERLEAAS............GPVAWRDSLRHRLLQVDA.WGRA  194
NTDB id 1199 PSJM300 12650 AFN78592.1       RLAARLKRPSGMVNPSAFDYEAWLLARRIGATGTIKAGERIAEAA............SSGAWRDRLRQRLLTVEA.HGRA  194
consensus                                   *!**!!!!! ***!**!!*!***!!****!*!****!*!*  !                 *!!* *! *!! ***  **!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PVIVALVVGDQSGIAQADWERFRRTGISHLVSISGLHITMIAGLFGALWMALWRRSFGLARWLRTPLPLRMPAQRAGAVA  320
NTDB id 317041 D6Z43 RS09105 WP 162945891.1 GGLAALVLGDGSGLQDRDWRLLQDTGTTHLMVISGQHITLFAGVLYGLVVVLARNG.......L..WPRSLPWLPWACAM  265
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 317041 D6Z43 RS09105 WP 162945891.1 ALAGGLGYGVLAGFDVPVQRACVMLGVVLLWRLRFRHLGFLTPLLVALCAVLLAEPLVVLQPGFWLSFGAVVLLVLAFA.  344
NTDB id 1199 PSJM300 12650 AFAGALGYGWLAGFEVPVRRACLMVAIVLLWRLRFRHLGVWLPLLIALVGVLMVDPLASLQPGFWLSFVAVALLIWIFR.  344
consensus                                   !*!****!**!!!**!!**!***!***!***!!**!**** **!**!* *!****!******!*!!!!*!!*****

logo
NTDB id 1426 RS RS05575 WP 011001070.1      VAADARDDVRRPAWPVRAWRGLRGAARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTAL.PEP  479
NTDB id 317041 D6Z43 RS09105 WP 162945891.1 ......GRLGAWRW.......WATWWRAQWVMGVGLAPLLLALALPISLSGPLANLLAVPWISLVVLPLALLGTLLLGIP  411
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 317041 D6Z43 RS09105 WP 162945891.1 LLGDALLWLAGGALELLFQILAWTATQVPAWIPTQVPFWGWILGTLGVLLLIAPAGVP...LRALGLALLLPMLFPPQER   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 317041 D6Z43 RS09105 WP 162945891.1 PARGQAEVRVLDVGQGLSVLVRTHEHAMLYDAGPRRGDF.DIGERVVVPTLRGLGLSRLDLLLLSHADSDHSGGALAVSR   567
NTDB id 1199 PSJM300 12650 AFN78592.1       PEQGRAEVWVFDVGQGLSVLVRTRDHALLYDAGPRYGDF.DIGERVVFPSLRQLGLERLDLMMLSHADSDHAGGALAIQR   567
consensus                                   !  ! *** **!*!!!***!!*! *!**!*!*!!! !!* !***!!**!*!!**!* **!****!!*!!!!*!!**** *

logo
NTDB id 1426 RS RS05575 WP 011001070.1      GVPVRTMLASLPPGHGLERQARALGIEPAGCVAGQRWAWDGVAFEILYPVQVPSDRAAVSSNARSCVLRIANARYAAMLA   719
NTDB id 317041 D6Z43 RS09105 WP 162945891.1 GLAVARVLTGELE.....RL..PSELGAEACPADLAWTWDGVRFRIWQSPL......TGDSNDGSCVLSVEAAGERILLS   634
NTDB id 1199 PSJM300 12650 AFN78592.1       AMPVGAVLSGEPE.....RL..PAALDARSCRTGQRWTWNQVNFSVWRWPQ......ATNGNQASCVLMVEAAGERLLLT   634
consensus                                   ***!* *!*****     !*  * **** *! ****!*!**! ! **  **      *  *! *!!!! ***!*****!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1      GDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAVSAQVAVFQVGYRNRYGHPHPQVWQRYGARGIERLRT   799
NTDB id 317041 D6Z43 RS09105 WP 162945891.1 GDLGARGEAAWVASGQ..PLAARWLVAGHHGSRTSSSGAFLHAVAPEKVLISRGHLNPYGHPHPLVVSRIGALPAEIHDT   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 317041 D6Z43 RS09105 WP 162945891.1 AKQGHLLLRLGAGV..EPESEREKSVFWREK.................   741
NTDB id 1199 PSJM300 12650 AFN78592.1       AEHGALSLQLGAFG..GARRMRDEPRFWREK.................   741
consensus                                   *  !**** *** *        ******!***
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X non conserved

X similar

X ≥ 50% conserved