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logo
NTDB id 1426 RS RS05575 WP 011001070.1      MRALLLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLA   80
NTDB id 232196 CCZ28 RS10120 WP 140217723.1 MRAALLAFALGVLVLRALPALPSLPLLAALGA.....VAVVL.......LWTRLFVLGAFGFGLVWAVLNGHWALHDRLD   68
NTDB id 1199 PSJM300 12650 AFN78592.1       MRAGMLALAAGLLLLRFLPQLPSFGWLLALAP.....VGLLL.......LPFRWRPLAFFLFGLVWACLNAQWALDDRLP   68
consensus                                   !!!*******!***!* *!*!***  ***!*      *****       !  ** *!*** *!**!* ******! **!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PAWEGKDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQRW  160
NTDB id 232196 CCZ28 RS10120 WP 140217723.1 PALEQRVLWIEGQVSGLPVVGADSVGFVLSQPTSRRDLKLPARLRLNWYGG.....................PRPLAGERW  128
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 232196 CCZ28 RS10120 WP 140217723.1 RLAVELRSPAGLSNALGQDREAWLLAQGIGATGSVKDGQRLSAA............SGLATWRDGIRQYLHTRDPA.GQG  195
NTDB id 1199 PSJM300 12650 AFN78592.1       RLAARLKRPSGMVNPSAFDYEAWLLARRIGATGTIKAGERIAEA............ASSGAWRDRLRQRLLTVEAH.GRA  194
consensus                                   *!***!**! ***!* **! !***!!  **!*!*** ! !*  !              ** !!***!* !** **  * *

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PVIVALVVGDQSGIAQADWERFRRTGISHLVSISGLHITMIAGLFGALWMALWRRSFGLARWLRTPLPLRMPAQRAGAVA  320
NTDB id 232196 CCZ28 RS10120 WP 140217723.1 GLLAALVVGDASGITDAQWQLFQDTGTVHLMVISGQHIGLVALGVYAGVVT.......LARRGR..WPSRLPWRLSAAVL  266
NTDB id 1199 PSJM300 12650 AFN78592.1       GAIAALVVGDGSGLSTADWRVLQDTGTVHLMVISGQHVGMLAGLLYAVVLL.......LARWGI..WPQRLPWLPWACGL  265
consensus                                   ****!!!!!!*!!** !*! ****!!**!!**!!!*!****!****!***        !!!***   *! !*!*   ****

logo
NTDB id 1426 RS RS05575 WP 011001070.1      AMAAAFAYCLLAGMGVPAQRTLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLAARI  400
NTDB id 232196 CCZ28 RS10120 WP 140217723.1 AIATALGYGLLAGFEVPVQRACVMVTLGLLWQLGRQQVRLGDAVLLALVLILAANPLVSLLPGFWLSFGAVLLLLWSFA.  345
NTDB id 1199 PSJM300 12650 AFN78592.1       AFAGALGYGWLAGFEVPVRRACLMVAIVLLWRLRFRHLGVWLPLLIALVGVLMVDPLASLQPGFWLSFVAVALLIWIFR.  344
consensus                                   !*!*!**!**!!!**!!**!***!********!* * * * * ***!*****!****** *!*!!!!*!!******* **

logo
NTDB id 1426 RS RS05575 WP 011001070.1      VAADARDDVRRPAWPVRAWRGLRGAARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTALPEP.  479
NTDB id 232196 CCZ28 RS10120 WP 140217723.1 ......GRLGRLPP.......LLTLGRAQWCMAVGLAPLLLALGLPLSISGPLANAVAVPLMDMAIVPLALVGTLLSLLW  412
NTDB id 1199 PSJM300 12650 AFN78592.1       ......GRLGVPSW.......WRALLYAQWAMALGLLPAMLVLGLPVSLSGPLANLLAVPWISVLVVPLALLGSFL..LW  409
consensus                                    ****** *        *******!*****!!*!**!*!****!*****!!**!*!*******!!!!*!* !  **
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logo
NTDB id 1426 RS RS05575 WP 011001070.1      ..WSQPVLIWAEASFAWLMPWLDALALPGGSVWVAPAAPAWAWGLAVVGVPLLLVPGGYRAWAWRAQGAVLLLPMLLARA   557
NTDB id 232196 CCZ28 RS10120 WP 140217723.1 SP.LGEPALLLAGGLLQLLLWLLAWLAQLATAWQPAIAPTWALWLAGLGALLALLPAGVP...LRGCGVLLMLPALFPPI   488
NTDB id 1199 PSJM300 12650 AFN78592.1       VPWLGEALLWLAGGLLAVLFELLALIAGWQPAWLASALPLWAWSLVALGTLVLLLPAGVP...LRVLGTLLLAPLLFAPD   486
consensus                                    ***** ********* ** *!*!***  ***!** **! !!* !***! ***!*!*!**   *!* ! *!**!*!***

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PAPPPGEFRMVAFDIGQGAATLVETAGHRLLFDTGPRQGDLADAADRVIVPYLRGHGVQAIDTLVVSHEDSDHAGGTETV   637
NTDB id 232196 CCZ28 RS10120 WP 140217723.1 PLPAPGQARITVLDVGQGLAVLVRTRDHTLLYDAGPRQGSY.DSGARVVLPNLRGAGVQALDVLLLSHADADHAGGAPTV   567
NTDB id 1199 PSJM300 12650 AFN78592.1       SRPEQGRAEVWVFDVGQGLSVLVRTRDHALLYDAGPRYGDF.DIGERVVFPSLRQLGLERLDLMMLSHADSDHAGGALAI   565
consensus                                   * ! *! *** **!*!!!***!!*!**! !!*!*!!!*!** ! **!!**! !!* !****!****!!*!*!!!!!* **

logo
NTDB id 1426 RS RS05575 WP 011001070.1      MAGVPVRTMLASLPPGHGLERQARALGIEPAGCVAGQRWAWDGVAFEILYPVQVPSDRAAVSSNARSCVLRIANARYAAM   717
NTDB id 232196 CCZ28 RS10120 WP 140217723.1 AKGLPPGQVLSGEAG.......RLQPGLRARDCEDGANWHWNEVSFTTW.W......HASADSNASSCVLRIEAQGERLL   633
NTDB id 1199 PSJM300 12650 AFN78592.1       QRAMPVGAVLSGEPE.......RLPAALDARSCRTGQRWTWNQVNFSVWRW......PQATNGNQASCVLMVEAAGERLL   632
consensus                                    ***!** *!****         **  ***** !  !**! !* ! !*** *       **  *!* !!!!**********

logo
NTDB id 1426 RS RS05575 WP 011001070.1      LAGDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAVSAQVAVFQVGYRNRYGHPHPQVWQRYGARGIERL   797
NTDB id 232196 CCZ28 RS10120 WP 140217723.1 LTGDIDERREAELVASGLP..LAAEWLSAPHHGSRSGSSACFIDAVQPRGVLISRGQHNRYGHPHPLVVERYRERGVLAY   711
NTDB id 1199 PSJM300 12650 AFN78592.1       LTGDIDAQAERALVDGGME..VNARWLLAPHHGSNSSSSAVFLAAVAADGALISRSSHNAFGHPHPAVLKRLQNAGAELH   710
consensus                                   !*!!!*   !**!******  * !**!**!!!!!***!!* !**!! * ******* *!**!!!!! !* !*  *!**

logo
NTDB id 1426 RS RS05575 WP 011001070.1      RTDATGAVVIETRGDALAVRTARSMRPRYWSSALEVAALAETTEPTGAQP   847
NTDB id 232196 CCZ28 RS10120 WP 140217723.1 DTAELGALSWTLGKW..EAPRGQREVARWWRTPPPTP.............   746
NTDB id 1199 PSJM300 12650 AFN78592.1       DTAEHGALSLQLGAF..GGARRMRDEPRFWREK................   741
consensus                                   *!** !!*** ****  ** ** ** *!*!**
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X non conserved

X similar

X ≥ 50% conserved