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logo
NTDB id 1426 RS RS05575 WP 011001070.1   MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLAPAWEG   85
NTDB id 302115 Y31 RS14430 WP 058168903.1 MRLGLPALAAGLLALRFLAELPS........VGWLLGMAAAG....LLLLFGRLYWLGLFLLGFAWACGSAQVALDGRLAAELDG   73
NTDB id 1199 PSJM300 12650 AFN78592.1    MRAGMLALAAGLLLLRFLPQLPS........FGWLLALAPVG....LLLLPFRWRPLAFFLFGLVWACLNAQWALDDRLPVDLDG   73
consensus                                !!********!!***!**** !**        ***!!**! **    !**!  **  !* ** !**!**  !! *!* *!* ***!

logo
NTDB id 1426 RS RS05575 WP 011001070.1   KDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQRWQLTLRLKRPH  170
NTDB id 302115 Y31 RS14430 WP 058168903.1 RTLWLEGRVVDLPASGEGVTRFRLEKVRAARGVLLPERLRLSWRG....................APPLMGGERWRLAVTLKRPR  138
NTDB id 1199 PSJM300 12650 AFN78592.1    RTFWLEGQVTGLPDRRGDVVRFELEDIHS.RHAGLPSRIRLAWYG....................GPEIRSGERWRLAARLKRPS  137
consensus                                *******! ! *!!*  ****!! ** * * ** **! !*!!*!*!                    *!**  !*!!*!***!!!!

logo
NTDB id 1426 RS RS05575 WP 011001070.1   SLMNPGGFDGEYAMLADDVRAAGYVYTGKRARNALMGEADAGSGVGLRVERWRAAVRRHLLAALPEARYAPVIVALVVGDQSGIA  255
NTDB id 302115 Y31 RS14430 WP 058168903.1 GLVNAAGFDYEAWLLAQRVGAVGTVKAGQRLQPAS............GLDAWRDAWRQRLLAVDAQG.RGAALAALVLGDGSGLS  210
NTDB id 1199 PSJM300 12650 AFN78592.1    GMVNPSAFDYEAWLLARRIGATGTIKAGERIAEAA............SSGAWRDRLRQRLLTVEAHG.RAGAIAALVVGDGSGLS  209
consensus                                ***!***!!*!***!! ***! !****! !*  !              ***!!***!**!!**** * ******!!!*!!*!!**

logo
NTDB id 1426 RS RS05575 WP 011001070.1   QADWERFRRTGISHLVSISGLHITMIAGLFGALWMALWRRSFGLARWLRTPLPLRMPAQRAGAVAAMAAAFAYCLLAGMGVPAQR  340
NTDB id 302115 Y31 RS14430 WP 058168903.1 AAEWRMFQDTGTVHLMVISGSHISLLAGMLYGLVAALHRLG.......C..WPRRLPWLPCACALGLLGAWSYGLMAGFEVPVRR  286
NTDB id 1199 PSJM300 12650 AFN78592.1    TADWRVLQDTGTVHLMVISGQHVGMLAGLLYAVVLLLARWG.......I..WPQRLPWLPWACGLAFAGALGYGWLAGFEVPVRR  285
consensus                                 !*!*****!!**!!**!!! !****!!*******! ! *         *! !*!*** ********!**!***!!**!!**!

logo
NTDB id 1426 RS RS05575 WP 011001070.1   TLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLAARIVAADARDDVRRPAWPVRAWRGLRGA  425
NTDB id 302115 Y31 RS14430 WP 058168903.1 ACLMVSLALVWRLRFRHLGLLTPLLATLVLVLLVEPLASLQAGFWLSFLAVALLLWLFA.......GRLGRWRW.......WAAW  357
NTDB id 1199 PSJM300 12650 AFN78592.1    ACLMVAIVLLWRLRFRHLGVWLPLLIALVGVLMVDPLASLQPGFWLSFVAVALLIWIFR.......GRLGVPSW.......WRAL  356
consensus                                **!!**********!!**!**** **!* ****!**!*!*!****!*!!!!*!!!*******       ****** !       ***

logo
NTDB id 1426 RS RS05575 WP 011001070.1   ARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTAL.PEPWSQPVLIWAEASFAWLMPWLDALALPGGSV  509
NTDB id 302115 Y31 RS14430 WP 058168903.1 GRAQWGMALGLAMPLLALGLPLSLSGAPANLLAVPWIELLVVPPALAGSLLLWVPGLGEGLLRAAGVSLDLLFRALGLLAGLAEA  442
NTDB id 1199 PSJM300 12650 AFN78592.1    LYAQWAMALGLLPAMLVLGLPVSLSGPLANLLAVPWISVLVVPLALLGSFLLWVPWLGEALLWLAGGLLAVLFELLALIAGWQPA  441
consensus                                ***!*****!!** *!*!****!*****!!*!!*!*******!*!!*!* !***!*****!*****  * ***  ***!*** * *
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logo
NTDB id 1426 RS RS05575 WP 011001070.1      WVAPAAPAWAWGLAVVGVPLLLVPGGYRAWAWRAQGAVLLLPMLLARAPAPPPGEFRMVAFDIGQGAATLVETAGHRLLFDTGPR   594
NTDB id 302115 Y31 RS14430 WP 058168903.1   WQPPAAAAWSVALGMLGALCWLAPAGLP...LRALGAALLLPALLPSSPPVEWGRAEVRVLDVGQGLAVLVRTREHVLLYDSGAR   524
NTDB id 1199 PSJM300 12650 AFN78592.1       WLASALPLWAWSLVALGTLVLLLPAGVP...LRVLGTLLLAPLLFAPDSRPEQGRAEVWVFDVGQGLSVLVRTRDHALLYDAGPR   523
consensus                                   !***!***!***!***! ***!*!*!**   *!**!*!!*!*!**  * ** !**** **!*!!!***!!*!**! !!*!*!*!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      QGDLADAADRVIVPYLRGHGVQAIDTLVVSHEDSDHAGGTETVMAGVPVRTMLASLPPGHGLERQARALGIEPAGCVAGQRWAWD   679
NTDB id 302115 Y31 RS14430 WP 058168903.1   QGAF.DMGERVVVPVLRSLDLRRLDGLLLSHADNDHAGGAPTVASRFPPGWLVSGEPAR.......LPSPLFADSCDE.RSWSWD   600
NTDB id 1199 PSJM300 12650 AFN78592.1       YGDF.DIGERVVFPSLRQLGLERLDLMMLSHADSDHAGGALAIQRAMPVGAVLSGEPER.......LPAALDARSCRTGQRWTWN   600
consensus                                   *!** !***!!**! !! *** **! ***!!*!*!!!!!* **  **!** *****! *       ** **** *!  ***!*!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1      GVAFEILYPVQVPSDRAAVSSNARSCVLRIANARYAAMLAGDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAVS   764
NTDB id 302115 Y31 RS14430 WP 058168903.1   GVVFEQWAWAQ......AGDSNDRSCVLRVEADGEVLLLTGDISRAAEHAWLARQAD..PRVDWLLAPHHGSRSSSGVAFVLRTR   677
NTDB id 1199 PSJM300 12650 AFN78592.1       QVNFSVWRWPQ......ATNGNQASCVLMVEAAGERLLLTGDIDAQAERALVDGGME..VNARWLLAPHHGSNSSSSAVFLAAVA   677
consensus                                   *! !*** * !       !  *! *!!!!******* **!*!!! ***! !**** **  * ***!!*!!!!!**!!***!* **

logo
NTDB id 1426 RS RS05575 WP 011001070.1      AQVAVFQVGYRNRYGHPHPQVWQRYGARGIERLRTDATGAVVIET..RGDALAVRTARSMRPRYWSSALEVAALAETTEPTGAQP   847
NTDB id 302115 Y31 RS14430 WP 058168903.1   PRHVLVSRGWRNAFGHPHGEVMERYARVAAQVHDTARDGALTFLLGSRGGARR....ERDSAHFWREK.................   741
NTDB id 1199 PSJM300 12650 AFN78592.1       ADGALISRSSHNAFGHPHPAVLKRLQNAGAELHDTAEHGALSLQLGAFGGARR....MRDEPRFWREK.................   741
consensus                                   *  *******!**!!!!* !* !**  ******!*  !!*** ** *!*!**     ** ***!***
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X non conserved

X similar

X ≥ 50% conserved