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logo
NTDB id 99061 MasN3 RS12390 WP 281914394.1  MRCAILAFVAGVCWLQTRAELPPPAHLAGALVAALLLFTVR.........KFAATLLAAAILGVAWSAWLAHLALADVLPREQEG   76
NTDB id 1426 RS RS05575 WP 011001070.1      MRALLIGFVAGCMALQTRPALAPVWGPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLAPAWEG   85
consensus                                   !!* ***!!!!** !!!!* !*!* **!    *!*!!    * ********* *    *!!!!* ! *!! ! !*   !   !!**   !!

logo
NTDB id 99061 MasN3 RS12390 WP 281914394.1  KDVAVVGTVDSLPHEFDGGTRFNLRVERVLSPDATVPQRIAVSWYGQHAATDS.............QTPVQPGERWQLVVRLQRP  148
NTDB id 1426 RS RS05575 WP 011001070.1      KDIRATGVVAELPEVTEDATRFLFRIESSDAG.DAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQRWQLTLRLKRP  169
consensus                                   !!*   ! !  !!*  * *!!!  !*!    **  !!*!* *!!!! *  ** ************ ***!!! !!!! *!! !!

logo
NTDB id 99061 MasN3 RS12390 WP 281914394.1  HGNANPYGFDYEAWLLEQGVRATGYVRPAGPRNVRLDAF...VPRPAHVVERARAALRRHILQNMEGKRYAGVIVALVIGDQRGI  230
NTDB id 1426 RS RS05575 WP 011001070.1      HSLMNPGGFDGEYAMLADDVRAAGYVYTGKRARNALMGEADAGSGVGLRVERWRAAVRRHLLAALPEARYAPVIVALVVGDQSGI  254
consensus                                   !   !! !!! !  *!   !!! !!! ** *    ! * *** * *** !!! !!!*!!!*!  **  !!!*!!!!!!*!!! !!

logo
NTDB id 99061 MasN3 RS12390 WP 281914394.1  VQSSWDVFNRTGISHLVSISGLHITMIAALAAWAVSSLWRRSFFIE...GAALPLRLPAQKAAALAGALVALVYVLLAGAGVPAQ  312
NTDB id 1426 RS RS05575 WP 011001070.1      AQADWERFRRTGISHLVSISGLHITMIAGLFGALWMALWRRSFGLARWLRTPLPLRMPAQRAGAVAAMAAAFAYCLLAGMGVPAQ  339
consensus                                    !  !* ! !!!!!!!!!!!!!!!!!!!*! *     !!!!!! * ***  *!!!!*!!!*!*!*!*   !  !*!!!! !!!!!

logo
NTDB id 99061 MasN3 RS12390 WP 281914394.1  RTFYMLASVAAALWFGRVVALSHVLCLALAVVVLIDPWAVLGAGFWLSFGAVAVILYANLG..........RVEFATGWRRTLGA  387
NTDB id 1426 RS RS05575 WP 011001070.1      RTLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLAARIVAADARDDVRRPAWPVRAWRGLRG  424
consensus                                   !!   !!!*!! !     ! !**!* !! ! !*! !*!!!!* !! !!!!!!!!!!  !    **********!* **    ! ! *

logo
NTDB id 99061 MasN3 RS12390 WP 281914394.1  AVRTQYAVTVGLVPLTMLLFAQVSLASPLANAVAIPVVSLFVTPLALLGALLPAPLAGWVLGLAHVAVELLADGLAWLAASPLAV  472
NTDB id 1426 RS RS05575 WP 011001070.1      AARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTALPEPWSQPVLIWAEASFAWLMPWLDALALPGGSV  509
consensus                                   ! ! ! !!! !!*!!!*!!! !!!* !**!!!*!!!!!!   !!!!!*!  !! !   *!!  !*     ! * !  !! **  !

logo
NTDB id 99061 MasN3 RS12390 WP 281914394.1  VNAPAPQAWIFVLALAGAAWMLAPRG...WPHFWAGLAAWAPMLTQLPSAPPDGSFSVTAFDVGQGMALLVETGRHRLLYDAGPQ  554
NTDB id 1426 RS RS05575 WP 011001070.1      WVAPAAPAWAWGLAVVGVPLLLVPGGYRAWAWRAQGAVLLLPMLLARAPAPPPGEFRMVAFDIGQGAATLVETAGHRLLFDTGPR  594
consensus                                     !!!**!! * !!* ! * *! ! !***!**!  !     !!!   **!!!*! ! * !!!*!!! ! !!!!* !!!!*! !!
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logo
NTDB id 99061 MasN3 RS12390 WP 281914394.1  YGPGADAAGRILLPYLRGRGIGALDALVVSHSDVDHAGGARTLLEGVTVAQVHSSLPGSHPVVRAAR....RHRRCDAGQEWHWD   635
NTDB id 1426 RS RS05575 WP 011001070.1      QGDLADAADRVIVPYLRGHGVQAIDTLVVSHEDSDHAGGTETVMAGVPVRTMLASLPPGHGLERQARALGIEPAGCVAGQRWAWD   679
consensus                                    !* !!!! !***!!!!!*!* !*! !!!!! ! !!!!!  !** !!*!  ** !!!* !** ! !!****    ! !!! !*!!

logo
NTDB id 99061 MasN3 RS12390 WP 281914394.1  GVRFELLGPTPQSYQEAGLKANARSCVLRVSALGKAMLLAADIEAAQELQLL.QTSPGRLRADVLLAPHHGSGTSSTAAFLAAVE   719
NTDB id 1426 RS RS05575 WP 011001070.1      GVAFEILYPVQVPSDRAAVSSNARSCVLRIANARYAAMLAGDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAVS   764
consensus                                   !! !!*! ! * *   !**  !!!!!!!!*     ! *!!*!!  !!!  !**   ! !! !!*!! !!!!! !!!**!!! !!

logo
NTDB id 99061 MasN3 RS12390 WP 281914394.1  PTFGIFQVGYRNRYRHPKKEVYERYGSLGIRRLRTDESGAVTLH.FGQTLDVGEFRSERRRYWHGR.................   784
NTDB id 1426 RS RS05575 WP 011001070.1      AQVAVFQVGYRNRYGHPHPQVWQRYGARGIERLRTDATGAVVIETRGDALAVRTARSMRPRYWSSALEVAALAETTEPTGAQP   847
consensus                                   *  **!!!!!!!!! !!** !* !!!  !! !!!!! *!!! *** !  ! !   !! !*!!!*  ****************
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X non conserved

X similar

X $\geq$ 50% conserved