```
logo
NTDB id 158375 UW163 RS12235 WP 014617396.1  MRALLIGFVAGCMALQTRPVLVPVWQPVLLALACGLIALALRRAGQSPMLISGIAVLVAACVGFGWSDWRAQQRLSVVLA   80
NTDB id 1426 RS RS05575 WP 011001070.1       MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLA   80
consensus                                    !!!!!!!!!!!!!!!!!!! ! !!!!! !!*!!! !    !!!**  ! !** *!!! !!! !!!!!!!!!!!!!!!!!!

logo
NTDB id 158375 UW163 RS12235 WP 014617396.1  PEWEGKAIQATGVVAELPQVTEDATRFLFHIESSDAGDAVPPRVRLSWYGKRNWNERRRERGAIADRRAGIPDLQPGQRW  160
NTDB id 1426 RS RS05575 WP 011001070.1       PAWEGKDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQRW  160
consensus                                    ! !!!! ! !!!!!!!!! !!!!!!!!!!*!!!!!!!!!!!!!!!!!!!! ! !*!! !!   !  !!!!!!!!!!!!!!!

logo
NTDB id 158375 UW163 RS12235 WP 014617396.1  QLTLRLKRPHSLMNPGGFDGEYAMLADDIRAAGTVQTGKRARNALIGETDAG..FGLQVERWRAAVRRHILAALPDARYG  238
NTDB id 1426 RS RS05575 WP 011001070.1       QLTLRLKRPHSLMNPGGFDGEYAMLADDVRAAGYVYTGKRARNALMGEADAGSGVGLRVERWRAAVRRHLLAALPEARYA  240
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!! ! !!!!!!!!!*!! !!!** !! !!!!!!!!!!!*!!!!!*!!!*

logo
NTDB id 158375 UW163 RS12235 WP 014617396.1  PVMVALVVGDQSGIAQADWERFRRTGISHLVSISGLHITMIAGLFAALWMALWRRSFGLARWLRTPLPLRMPAQRAAAIA  318
NTDB id 1426 RS RS05575 WP 011001070.1       PVIVALVVGDQSGIAQADWERFRRTGISHLVSISGLHITMIAGLFGALWMALWRRSFGLARWLRTPLPLRMPAQRAGAVA  320
consensus                                    !!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo
NTDB id 158375 UW163 RS12235 WP 014617396.1  AMAAAFAYCLLAGMGVPAQRTLLMLATVAVARLTDRSVPASLSLCWAAAVVALVDPWAVMSAGFWLSFGAVAVIFLAARM  398
NTDB id 1426 RS RS05575 WP 011001070.1       AMAAAFAYCLLAGMGVPAQRTLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLAARI  400
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!!!! !!!!!!!!!!*!!!!!!!!!!!!!! !!!!!!!!!!!!!!!*

logo
NTDB id 158375 UW163 RS12235 WP 014617396.1  AAADAGGDARPSAWLRRAWRGLRGGARIQLAVTVGLLPLTLLLFQQVSVVSAAANALAIPVVSLVTTPLALIGAALPEPW  478
NTDB id 1426 RS RS05575 WP 011001070.1       VAADARDDVRRPAWPVRAWRGLRGAARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTALPEPW  480
consensus                                     !!!!   ! !**!!* !!!!!!!!*!!*!!!!! !!!!!!!!!!!!!!!!!! !!!!!!!!!! !!!!!!!*! !!!!!!

logo
NTDB id 158375 UW163 RS12235 WP 014617396.1  AQPVLAWAEASFGWLVSWLDGLSAPAWSVWTAPVAPAWAWLLAIGGVPLLLAPGGHRAWAWRAQGVLLLLPMLLARAPAP  558
NTDB id 1426 RS RS05575 WP 011001070.1       SQPVLIWAEASFAWLMPWLDALALPGGSVWVAPAAPAWAWGLAVVGVPLLLVPGGYRAWAWRAQGAVLLLPMLLARAPAP  560
consensus                                     !!!! !!!!!!*!!**!!!*!  !* !!! !! !!!!!! !!* !!!!!! !!!*!!!!!!!!! *!!!!!!!!!!!!!
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logo
NTDB id 158375 UW163 RS12235 WP 014617396.1  PPGAFRLVAFDIGQGAAALVETAGHRLLFDTGPRYGDLADAADRVIVPYLRGHGVQAIDTLVVSHEDSDHAGGTETVMAG  638
NTDB id 1426 RS RS05575 WP 011001070.1       PPGEFRMVAFDIGQGAATLVETAGHRLLFDTGPRQGDLADAADRVIVPYLRGHGVQAIDTLVVSHEDSDHAGGTETVMAG  640
consensus                                    !!!  !!*!!!!!!!!!! !!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo
NTDB id 158375 UW163 RS12235 WP 014617396.1  VPVRTMLASLPPGHRLGERARAYGIDTAGCLAGQRWTWDGVAFEILHPVQAPPDRAPPSSNARSCVLRIAGERHAALLAG  718
NTDB id 1426 RS RS05575 WP 011001070.1       VPVRTMLASLPPGHGLERQARALGIEPAGCVAGQRWAWDGVAFEILYPVQVPSDRAAVSSNARSCVLRIANARYAAMLAG  720
consensus                                    !!!!!!!!!!!!!! !   !!! !!**!!!*!!!!! !!!!!!!!!*!!! !*!!**!!!!!!!!!!!!  !*!!*!!!

logo
NTDB id 158375 UW163 RS12235 WP 014617396.1  DIGSAQEMALIAAEAPERLMADILLVPHHGSKTSSSGAFLDAVSPQVAIFQVGYRNRYGHPHPQVWQRYGARDIERLRTD  798
NTDB id 1426 RS RS05575 WP 011001070.1       DIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAVSAQVAVFQVGYRNRYGHPHPQVWQRYGARGIERLRTD  800
consensus                                    !!!  !!!  !!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!*!!!*!!!!!!!!!!!!!!!!!!!!!!!!  !!!!!!!

logo
NTDB id 158375 UW163 RS12235 WP 014617396.1  AAGAVVIETGGDALEVRTARSMRPRYWSSALEVAALADATEAPADAQP   846
NTDB id 1426 RS RS05575 WP 011001070.1       ATGAVVIETRGDALAVRTARSMRPRYWSSALEVAALAETTEPT.GAQP   847
consensus                                    ! !!!!!!! !!!! !!!!!!!!!!!!!!!!!!!!!!* !!*** !!!
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X non conserved

X similar

X $\geq$ 50% conserved