```
logo
NTDB id 407852 GPX86 RS02550 WP 158143957.1  MKNSRPHNADHQPTFFFLDYETWGTSPAKDRPSQFAGVRTDMDFNIIGEPLVIYCQLPSDYLPSPEAALITGITPQKAMA   80
NTDB id 1141 GTF74 RS08270 WP 001183680.1    ......MQQEHQPTFFFFDYETWGVNPAKDRPSQFAGVRTDMDFNIIGEPLVIYCQLPNDYLPAPEAALITGITPQKANS   74
consensus                                    ******** *!!!!!!! !!!!!!  !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!! !!!!!!!!!!!!!!

logo
NTDB id 407852 GPX86 RS02550 WP 158143957.1  EGLPEPEFIARIHAELATPNTTSLGYNSIRFDDEVTRYTCYRNFIDPYAWSWQQGNSRWDLLDVMRACHALRPEGIEWPE  160
NTDB id 1141 GTF74 RS08270 WP 001183680.1    QGLAEPEFIARIHAELSTPNTINLGYNSIRFDDEVTRYTCYRNFIDPYAWSWQHGNSRWDLLDVLRACHALRPEGIEWPE  154
consensus                                     !!*!!!!!!!!!!!!! !!!!  !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!*!!!!!!!!!!!!!!!

logo
NTDB id 407852 GPX86 RS02550 WP 158143957.1  NQEGFTSFKLEHLSKANGIEHSNAHDAMADVIATIELAKKIKAAQPKLFDYFLSMRHKRKLIDLVDIVNMTPLMHVSGML  240
NTDB id 1141 GTF74 RS08270 WP 001183680.1    NDDGFTSFKLEHLSVANGIEHSNAHDAMADVIATIELAKKVKAAQPKLFDYFFTMRHKRKLTELIDIVNQTPLMHVSGML  234
consensus                                    !  *!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo
NTDB id 407852 GPX86 RS02550 WP 158143957.1  GRERSYTSWVVPIAWHPTNQNAVIVVDLAKNPEPLFELTSEQLLQRLYTKHDDLAEGELPAPVKLIHLNKCPILAPAKTL  320
NTDB id 1141 GTF74 RS08270 WP 001183680.1    GRERHYTSWIVPIAWHPTNQNAVIVVDLGKDPQPLLELDAETLQARLYTRYEDLAPDELPVPVKLVHLNKCPILAPAKTL  314
consensus                                    !!!!*!!!!*!!!!!!!!!!!!!!!!!!!!*! !  !! !!  !  !  !!!!***!!!!* !!!  !!!!*!!!!!!!!!!!!!!!

logo
NTDB id 407852 GPX86 RS02550 WP 158143957.1  TAENAATIGINREQCLAHLSQIRQQPTLREKLVDVFSAERDFSASSDVDSQLYDGFFSPSDRAAMDIIRSTAPESLADLD  400
NTDB id 1141 GTF74 RS08270 WP 001183680.1    TAENAQKIGIDREQCLAHLNVIRQHPEIREKLVTVFSQEREFNQESDVDSQLYAGFFSPADRAAMEIIRTTAPENLGSLA  394
consensus                                    !!!!!  !!! !!!!!!!!  !!!*! *!!!!! !!! !!*!   !!!!!!!! !!!!! !!!!!*!!!*!!!! !* !

logo
NTDB id 407852 GPX86 RS02550 WP 158143957.1  IQFSDQRIAPLLFRYRARHYPWTLNETEQRRWASHCQDYFATQLSSYMLNLENLVEQHQHDAKKIAILKAVYHYVEALAS  480
NTDB id 1141 GTF74 RS08270 WP 001183680.1    IRVADKRIEPLLFRYRARHYPHTLTDTEQRRWAAHCRDYFERNLEGYMLNLENLVHEHQADPKKMAILKSVYHYVEKLAC  474
consensus                                    !   ! !! !!!!!!!!!!!!*!! *!!!!!!! !! !!!  *!  !!!!!!!!!* !!*!*!!*!!!! !!!!!! !!*
```

X non conserved

X similar

X $\geq$ 50% conserved