```
logo

NTDB id 360184 FAZ90 RS08490 WP 010441226.1  MSSDNQPTYFFFDYETWGVSPAKDRPSQFAGVRTDQDFNVIGEPLVIYCQPPADYLPAPEAALITRITPQKAMSQGLPEP   80
NTDB id 1141 GTF74 RS08270 WP 001183680.1    MQQEHQPTFFFFDYETWGVNPAKDRPSQFAGVRTDMDFNIIGEPLVIYCQLPNDYLPAPEAALITGITPQKANSQGLAEP   80
consensus                                    !  **!!!*!!!!!!!!!! !!!!!!!!!!!!!!! !!!*!!!!!!!!!!*! !!!!!!!!!!!! !!!!!! !!!!*!!

logo

NTDB id 360184 FAZ90 RS08490 WP 010441226.1  EFIAKIHAELAKPNTTSLGYNSIRFDDEVTRYTCYRNFIDPYAWSWQNGNSRWDLLDVMRAVHALRPEGIVWPENEEGYP  160
NTDB id 1141 GTF74 RS08270 WP 001183680.1    EFIARIHAELSTPNTINLGYNSIRFDDEVTRYTCYRNFIDPYAWSWQHGNSRWDLLDVLRACHALRPEGIEWPENDDGFT  160
consensus                                    !!!!*!!!!!  !!!  !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!*!!*!!!!!!!! !!!!**!**

logo

NTDB id 360184 FAZ90 RS08490 WP 010441226.1  SFKLEHLSVANGIEHENAHDAMADVIATIELAKKLKAAQPKMFDYLYSMRHKRKLNELVDIVNMTPLMHVSGMFGRDCNY  240
NTDB id 1141 GTF74 RS08270 WP 001183680.1    SFKLEHLSVANGIEHSNAHDAMADVIATIELAKKVKAAQPKLFDYFFTMRHKRKLTELIDIVNQTPLMHVSGMLGRERHY  240
consensus                                    !!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!*!!!!!!*!!!! **!!!!!!! !!*!!!! !!!!!!!!! !!***!

logo

NTDB id 360184 FAZ90 RS08490 WP 010441226.1  TSWIVPMAWHPTNQNAVIVVDLAKDPSPLLELDSDALRERLYTKRSELGEDELPVPIKLVQLNKCPILAPAKTLTAENAE  320
NTDB id 1141 GTF74 RS08270 WP 001183680.1    TSWIVPIAWHPTNQNAVIVVDLGKDPQPLLELDAETLQARLYTRYEDLAPDELPVPVKLVHLNKCPILAPAKTLTAENAQ  320
consensus                                    !!!!!!*!!!!!!!!!!!!!!!!*!!! !!!!!! * !  !!!!*  *!**!!!!!!*!!!*!!!!!!!!!!!!!!!!!!

logo

NTDB id 360184 FAZ90 RS08490 WP 010441226.1  TIGIDRQQCLKNLALLREHPEIREKLIGLYSQEREYEKSDDVDTHLYDGFFSPGDKTAMDIIRQTDPNNLAALDITFGDE  400
NTDB id 1141 GTF74 RS08270 WP 001183680.1    KIGIDREQCLAHLNVIRQHPEIREKLVTVFSQEREFNQESDVDSQLYAGFFSPADRAAMEIIRTTAPENLGSLAIRVADK  400
consensus                                     !!!!! !!! *! **! !!!!!!!!* **!!!!!!*    !!!**!! !!!!!*!* !!*!!! ! ! !!* ! !  *!

logo

NTDB id 360184 FAZ90 RS08490 WP 010441226.1  RIKPLLFRYRARHFPWTLDEAEQLKWANHCREFYESRLEEYMLNLENLAHEHESDEKKMAILKAVYQYVEKLAS  474
NTDB id 1141 GTF74 RS08270 WP 001183680.1    RIEPLLFRYRARHYPHTLTDTEQRRWAAHCRDYFERNLEGYMLNLENLVHEHQADPKKMAILKSVYHYVEKLAC  474
consensus                                    !! !!!!!!!!!!*!*!! * !! *!! !!!***!  !! !!!!!!!! !!!  !*!!!!!!! !!*!!!!!!*
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X non conserved

X similar

X $\geq$ 50% conserved