```
logo

NTDB id 343803 EPB58 RS23345 WP 154203624.1  MHQDNQPTFFFFDYETWGTSPAKDRPSQFAGVRTDENFNIIGEPLVMYCRPPADYLPSPEAALITGITPQKAMQEGLPEP   80
NTDB id 1141 GTF74 RS08270 WP 001183680.1    MQQEHQPTFFFFDYETWGVNPAKDRPSQFAGVRTDMDFNIIGEPLVIYCQLPNDYLPAPEAALITGITPQKANSQGLAEP   80
consensus                                    !*!**!!!!!!!!!!!!!  !!!!!!!!!!!!!!!  !!!!!!!!!*!! *! !!!! !!!!!!!!!!!!!   !!*!!

logo

NTDB id 343803 EPB58 RS23345 WP 154203624.1  EFIAKIHAELSKPKTTSLGYNSIRFDDEVTRYTCYRNFIDPYAWSWQNGNSRWDLLDVMRACHALRPEGIEWPENDEGFT  160
NTDB id 1141 GTF74 RS08270 WP 001183680.1    EFIARIHAELSTPNTINLGYNSIRFDDEVTRYTCYRNFIDPYAWSWQHGNSRWDLLDVLRACHALRPEGIEWPENDDGFT  160
consensus                                    !!!!*!!!!!! ! !  !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!*!!!!!!!!!!!!!!!!!!*!!!

logo

NTDB id 343803 EPB58 RS23345 WP 154203624.1  SFKLEHLSVANGIEHSNAHDAMADVIATIEMAKKVKAAQPKLFDYFFSMRNKRKLNELYDIVNMTPLMHVSGMLGRECQY  240
NTDB id 1141 GTF74 RS08270 WP 001183680.1    SFKLEHLSVANGIEHSNAHDAMADVIATIELAKKVKAAQPKLFDYFFTMRHKRKLTELIDIVNQTPLMHVSGMLGRERHY  240
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!*!!*!!!!  !!*!!!!  !!!!!!!!!!!!!**!

logo

NTDB id 343803 EPB58 RS23345 WP 154203624.1  TSWIVPVAWHPTNNNAVITIDLAKDPQPLLELSAEELKERLYTKRDEL.GDLLPVPVKLVHLNKCPILAPAKTLTAENAE  319
NTDB id 1141 GTF74 RS08270 WP 001183680.1    TSWIVPIAWHPTNQNAVIVVDLGKDPQPLLELDAETLQARLYTRYEDLAPDELPVPVKLVHLNKCPILAPAKTLTAENAQ  320
consensus                                    !!!!!!*!!!!!!*!!!! *!!*!!!!!*!!! !! !  !!!!* **!**! !!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 343803 EPB58 RS23345 WP 154203624.1  VIGIDRQQCLNNLALLRQHPEIREKLISLFSIEREFEKSNDVDTQLYDGFFSPADRAAMDIIRETDPNNLAALDIEFDDK  399
NTDB id 1141 GTF74 RS08270 WP 001183680.1    KIGIDREQCLAHLNVIRQHPEIREKLVTVFSQEREFNQESDVDSQLYAGFFSPADRAAMEIIRTTAPENLGSLAIRVADK  400
consensus                                     !!!!! !!! *! **!!!!!!!!!!***!! !!!!     !!!*!!! !!!!!!!!!!!*!!! ! ! !!* ! !   !!

logo

NTDB id 343803 EPB58 RS23345 WP 154203624.1  RIKPLLFRYRARHYAGTLDEQEQRRWAQHCREVFESQIEEYMMNLENLVHEHESDEKKIAILKSVYRYVESLAS  473
NTDB id 1141 GTF74 RS08270 WP 001183680.1    RIEPLLFRYRARHYPHTLTDTEQRRWAAHCRDYFERNLEGYMLNLENLVHEHQADPKKMAILKSVYHYVEKLAC  474
consensus                                    !! !!!!!!!!!!!**!! * !!!!!! !!!* !! **! !!*!!!!!!!!!  !*!!*!!!!!!!*!!! !!*
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X non conserved

X similar

X $\geq$ 50% conserved