```
logo

NTDB id 259836 CXQ83 RS07115 WP 101348790.1  MKFSDKIKKEFSGKTVLLLQGPVGTFFHRLAIKMKKNKTKVFKLNFNGGDFLFYPSGKRCKCDKKDLENFYENFFKEKKI   80
NTDB id 1240 Cj1413c YP 002344796.1          MRFSTKIKKEFSGKNVLLLQGPVGNFFHHLAVKMRKNQTKVFKLNFNGGDFFFYPSGTRCKCDEKDLENFYRDFFQNKKI   80
consensus                                    !*!! !!!!!!!!! !!!!!!!!! !!!*!!*!!*!! !!!!!!!!!!!!! !!!!! !!!!! !!!!!!!  !!  !!!

logo

NTDB id 259836 CXQ83 RS07115 WP 101348790.1  DAIVMYNDCRLIHAKAIKVAKGLGIGIWIFEEGYLRPYCITFEKDGVNANSSLPRDKNFYLSCNILTKESIKEIPGGFKF  160
NTDB id 1240 Cj1413c YP 002344796.1          DAILMYNDCRIIHAKAIKVAKELGIEIWIFEEGYLRPYCITLEKDGVNANSSLPRDKNFYLSQNIFTKESIKEIPGGFKF  160
consensus                                    !!!*!!!!!!*!!!!!!!!!! !!! !!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!*!! !!!!!!!!!!!!!!

logo

NTDB id 259836 CXQ83 RS07115 WP 101348790.1  MAFSTFLYWLFSFLLAPFFNNKLHHRTLYPFEFLFWFRSLYRKYLYKFTEKKLNQKIYSLEKKYFLAILQVYNDTQIKHH  240
NTDB id 1240 Cj1413c YP 002344796.1          MAFDAFLYWLFAFILAPFFNNKLHHRTLYPFEFLFWFRSLYRKYLYKITEKKLNEKIYNLEKKYFLAILQVYSDTQIKYH  240
consensus                                    !!!  !!!!!! !*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!!!!! !!! !!!!!!!!!!!!!! !!!!!*!

logo

NTDB id 259836 CXQ83 RS07115 WP 101348790.1  YKKSIEEFIEELILSFANHARAKSYLVFKHHPMDRGYRNYSKLINELSQKYHVEGRILYVHDTYLPTLLKKALGCITINS  320
NTDB id 1240 Cj1413c YP 002344796.1          YKKSIEHFIEETILSFANHARAKSYLVFKHHPMDRGYKNYFKLINDLSRKYHVEGRVLYVHDTHLPVLLRKALGCITINS  320
consensus                                    !!!!!!*!!!! !!!!!!!!!!!!!!!!!!!!!!!!!*!! !!!!*!! !!!!!!!*!!!!!!*!! !!*!!!!!!!!!!

logo

NTDB id 259836 CXQ83 RS07115 WP 101348790.1  TVGLSAILEGCPTKVCGNAFYDFEGLAYPKKLQFFWREAHAYKPNPNLVLNFKNYLLNTNQFNGNFYKNSFLSR  394
NTDB id 1240 Cj1413c YP 002344796.1          TVGLSAILEGCPTKVCGNAFYNFEGLSYPKKLQFFWREAHAYKPNPVLVCNFKKYLLQTNQFNGNFYKNFFLDK  394
consensus                                    !!!!!!!!!!!!!!!!!!!!! !!!! !!!!!!!!!!!!!!!!!! !!*!!! !!!*!!!!!!!!!!! !! *
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X non conserved

X similar

X $\geq$ 50% conserved