```
logo

NTDB id 411576 GR342 RS07125 WP 002810446.1  MKFSDKIKKEFSGKNVLLLQGPVGTFFHRLAIKMEKNKTKVLKLNFNGGDFFFYPNGKRCKCDEKDLENFYENFFKEKKI   80
NTDB id 1240 Cj1413c YP 002344796.1          MRFSTKIKKEFSGKNVLLLQGPVGNFFHHLAVKMRKNQTKVFKLNFNGGDFFFYPSGTRCKCDEKDLENFYRDFFQNKKI   80
consensus                                    !*!! !!!!!!!!!!!!!!!!!! !!!*!!*!! !! !!! !!!!!!!!!!!!! ! !!!!!!!!!!!!!   !!   !!!

logo

NTDB id 411576 GR342 RS07125 WP 002810446.1  DAIVMYNDCRLIHAKAIKVARKLGIGIWIFEEGYLRPYCITFEKDGVNANSSLPRDKNFYLSCNILTKESIKEIPGGFKF  160
NTDB id 1240 Cj1413c YP 002344796.1          DAILMYNDCRIIHAKAIKVAKELGIEIWIFEEGYLRPYCITLEKDGVNANSSLPRDKNFYLSQNIFTKESIKEIPGGFKF  160
consensus                                    !!!*!!!!!!*!!!!!!!!!* !!! !!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!*!! !!!!!!!!!!!!!!

logo

NTDB id 411576 GR342 RS07125 WP 002810446.1  MAFSAFLYWFFSFLLAPFFNNKLHHRTLYPFEFLFWFRSLYRKYLYKFTEKKLNQKIYSLEKKYFLAVLQVYSDTQINHH  240
NTDB id 1240 Cj1413c YP 002344796.1          MAFDAFLYWLFAFILAPFFNNKLHHRTLYPFEFLFWFRSLYRKYLYKITEKKLNEKIYNLEKKYFLAILQVYSDTQIKYH  240
consensus                                    !!! !!!!!! ! !*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!!!! !!! !!!!!!!!*!!!!!!!!! *!

logo

NTDB id 411576 GR342 RS07125 WP 002810446.1  YKKSIEEFIEELILSFANHARAKSYLVFKHHPMDRGYRNYSKLINELSQKYHVEGRILYVHDTYLPTLLKRALGCITINS  320
NTDB id 1240 Cj1413c YP 002344796.1          YKKSIEHFIEETILSFANHARAKSYLVFKHHPMDRGYKNYFKLINDLSRKYHVEGRVLYVHDTHLPVLLRKALGCITINS  320
consensus                                    !!!!!!*!!!! !!!!!!!!!!!!!!!!!!!!!!!!!*!! !!!!*!! !!!!!!!*!!!!!!*!! !!**!!!!!!!!!

logo

NTDB id 411576 GR342 RS07125 WP 002810446.1  TVGLSAILESCPTKVCGNAFYDFEGLAYPKKLQFFWREAHAYKPNPSLVLNFKNYLLNTNQFNGNFYKNSFLSQ   394
NTDB id 1240 Cj1413c YP 002344796.1          TVGLSAILEGCPTKVCGNAFYNFEGLSYPKKLQFFWREAHAYKPNPVLVCNFKKYLLQTNQFNGNFYKNFFLDK   394
consensus                                    !!!!!!!!! !!!!!!!!!!! !!!! !!!!!!!!!!!!!!!!!! !!*!!! !!!*!!!!!!!!!!! !!
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X non conserved

X similar

X $\geq$ 50% conserved