```
logo

NTDB id 1123443 EL236 RS06855 WP 052861662.1  MRFSTKIKKEFSGKNVLLLQGPVGNFFHHLAMKMKKNQTKVFKLNFNGGDFFFYPSGTRCKCDEKDLENFYRDFFQSKKI   80
NTDB id 1240 Cj1413c YP 002344796.1           MRFSTKIKKEFSGKNVLLLQGPVGNFFHHLAVKMRKNQTKVFKLNFNGGDFFFYPSGTRCKCDEKDLENFYRDFFQNKKI   80
consensus                                     !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 1123443 EL236 RS06855 WP 052861662.1  DAILMYNDCRIIHAKAIKVAKELGIEIWIFEEGYLRPYCITLEKDGVNANSSLPRDKNFYLSQNIFTKESIKEIPGGFKF   160
NTDB id 1240 Cj1413c YP 002344796.1           DAILMYNDCRIIHAKAIKVAKELGIEIWIFEEGYLRPYCITLEKDGVNANSSLPRDKNFYLSQNIFTKESIKEIPGGFKF   160
consensus                                     !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 1123443 EL236 RS06855 WP 052861662.1  MAFDAFLYWLFAFILAPFFNNKLHHRTLYPFEFLFWFRSLYRKYLYKITEKKLNEKIYNLEKKYFLAILQVYSDTQIKYH   240
NTDB id 1240 Cj1413c YP 002344796.1           MAFDAFLYWLFAFILAPFFNNKLHHRTLYPFEFLFWFRSLYRKYLYKITEKKLNEKIYNLEKKYFLAILQVYSDTQIKYH   240
consensus                                     !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 1123443 EL236 RS06855 WP 052861662.1  YKKSIEHFIEETILSFANHARAKSYLVFKHHPMDRGYKNYSKLINDLSQKYHVEGRVLYVHDTHLPVLLRKALGCITINS   320
NTDB id 1240 Cj1413c YP 002344796.1           YKKSIEHFIEETILSFANHARAKSYLVFKHHPMDRGYKNYFKLINDLSRKYHVEGRVLYVHDTHLPVLLRKALGCITINS   320
consensus                                     !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 1123443 EL236 RS06855 WP 052861662.1  TVGLSAILEGCPTKVCGNAFYDFEGLSYPKKLQFFWREAHAYKPNPILVCNFKKYLLQTNQFNGNFYKNFFLDK   394
NTDB id 1240 Cj1413c YP 002344796.1           TVGLSAILEGCPTKVCGNAFYNFEGLSYPKKLQFFWREAHAYKPNPVLVCNFKKYLLQTNQFNGNFYKNFFLDK   394
consensus                                     !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved