```
logo

NTDB id 1144052 C7S00 RS01665 WP 003687645.1  MKKILLTVSLGLALSACATQGTADKDAQITQDWSVEKLYAEAQDELNSSNYTRAVKLYEILESRFPTSRHARQSQLDTAY   80
NTDB id 1106 NGFG RS01495 WP 003687645.1      MKKILLTVSLGLALSACATQGTADKDAQITQDWSVEKLYAEAQDELNSSNYTRAVKLYEILESRFPTSRHARQSQLDTAY   80
NTDB id 1102 NMB RS03635 WP 002244053.1       MKKILLTVSLGLALSACATQGTVDKDAQITQDWSVEKLYAEAQDELNSSNYTRAVKLYEILESRFPTSRHAQQSQLDTAY   80
consensus                                     !!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!

logo

NTDB id 1144052 C7S00 RS01665 WP 003687645.1  AYYKDDEKDKALAAIERFRRLHPQHPNMDYALYLRGLVLFNEDQSFLNKLASQDWSDRDPKANREAYQAFAELVQRFPNS  160
NTDB id 1106 NGFG RS01495 WP 003687645.1      AYYKDDEKDKALAAIERFRRLHPQHPNMDYALYLRGLVLFNEDQSFLNKLASQDWSDRDPKANREAYQAFAELVQRFPNS  160
NTDB id 1102 NMB RS03635 WP 002244053.1       AYYKDDEKDKALAAIDRFRRLHPQHPNMDYALYLRGLVLFNEDQSFLNKLASQDWSDRDPKANREAYQAFAELVQRFPNS  160
consensus                                     !!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 1144052 C7S00 RS01665 WP 003687645.1  KYAADATARMVKLVDALGGNEMSVARYYMKRGAYIAAANRAKKIIGSYQNTRYVEESLAILELAYKKLDKPQLAADTRRV  240
NTDB id 1106 NGFG RS01495 WP 003687645.1      KYAADATARMVKLVDALGGNEMSVARYYMKRGAYIAAANRAKKIIGSYQNTRYVEESLAILELAYKKLDKPQLAADTRRV  240
NTDB id 1102 NMB RS03635 WP 002244053.1       KYAADATARMVKLVDALGGNEMSVARYYMKRGAYIAAANRAQKIIGSYQNTRYVEESLAILELAYKKLDKPRLAADTRRV  240
consensus                                     !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 1144052 C7S00 RS01665 WP 003687645.1  LETNFPKSPFLTHAWQPDDMPWWRYWH  267
NTDB id 1106 NGFG RS01495 WP 003687645.1      LETNFPKSPFLTHAWQPDDMPWWRYWH  267
NTDB id 1102 NMB RS03635 WP 002244053.1       LETNFPKSPFLKQPWRSDDMPWWRYWH  267
consensus                                     !!!!!!!!!!!***!**!!!!!!!!!!!
```

X non conserved
X similar
X ≥ 50% conserved