```
logo

NTDB id 191756 A6L31 RS02370 WP 002221259.1  MKKILLTVSLGLALSACATQGTVDKDAQITQDWSVEKLYAEAQDELNSSNYTRAVKLYEILESRFPTSRHARQSQLDTAY   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 191756 A6L31 RS02370 WP 002221259.1  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 191756 A6L31 RS02370 WP 002221259.1  KYAADATARMVKLVDALGGNEMSVARYYMKRGAYIAAANRAQKIIGSYQNTRYVEESLAILELAYQKLGKPQLAADTRRV  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 191756 A6L31 RS02370 WP 002221259.1  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