```
logo

NTDB id 475 HSISS4 RS07005 WP 021143809.1      MKKSKWLALAGVALLSVGALAACSSKSSTSGTTYGYVYNSDPESLDYITSNTGPTKTAVTNGVDGLMEADKYGNLVPSVA   80
NTDB id 1130510 H0501 RS06855 WP 179970627.1   MKKSKWLALAGVALLGVGVLAACSSKSNTSGTTYGYVYSSDPETLDYITSNTGPTKSVVTNGVDGLMEADKYGNLVPSVA   80
NTDB id 324 STU RS16140 WP 011226306.1         MKKSKWLALAGVALLGVGVLAACSSKSNTSGTTYGYVYSSDPETLDYITSNTGPTKSVVTNGVDGLMEADKYGNLVPSVA   80
NTDB id 292 STER RS06940 WP 011681419.1       MKKSKWLALAGVALLGVGVLAACSSKSNTSGTTYGYVYSSDPETLDYITSNTGPTKSVVTNGVDGLMEADKYGNLVPSVA   80
consensus                                      !!!!!!!!!!!!!!!*!!*!!!!!!!!*!!!!!!!!!!*!!!!*!!!!!!!!!!!!!**!!!!!!!!!!!!!!
```

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logo

NTDB id 475 HSISS4 RS07005 WP 021143809.1      ATLNAANAAAEDWDISNGVIWGPDYQDPSTYLDIFKTTSSENTKTFMGYDDPNNAAAAQVGLKDYDALLDSAASETTDLN   560
NTDB id 1130510 H0501 RS06855 WP 179970627.1   ATLNAANAAAEDWDISNGVGWGPDYQDPSTYLDILKTTSSENTKTFNGYDDPNNAAAAQVGLKDYDALLDSAASETTDIN   560
NTDB id 324 STU RS16140 WP 011226306.1         VTLNAANAAAEDWDISNSVAWAPDYQDPSTYLDIFKTTSSENTKAFMGYDDPNNAAAAQVGLKDYDALLNSAASETSDLN   560
NTDB id 292 STER RS06940 WP 011681419.1        ATLNAANAAAEDWDISNSVGWAPDYQDPSTYLDIFKTTSSENTKAFMGYDDPNNAAAAQVGLKDYDALLNSAASETSDLN   560
consensus                                      *!!!!!!!!!!!!!!!! !*!*!!!!!!!!!!!!*!!!!!!!!! !*!!!!!!!!!!!!!!!!!!!!!!! !!!!!!*!*!

logo

NTDB id 475 HSISS4 RS07005 WP 021143809.1      ARYDRYAQAQAWLEDSSLVIPLTVGNGAAPVISRLTPFTGASMQVGDKNSS.DYFKYVKPQEKVVTKKEYEQSREKWLKE   639
NTDB id 1130510 H0501 RS06855 WP 179970627.1   ARYDRYAQAQAWLEDSSLIIPLTVSNGAAPVISRLTPFTGASIQVGDKGS..SYVKYVKSQEKVVTKKEYEQSREKWLKE   638
NTDB id 324 STU RS16140 WP 011226306.1         VRYDRYAQAQAWLEDSSLVIPLTVGNGAAPAISRLTPFTGASLQVGDKNSSNDYIKYVKPQEKVVTKKEYEQSREKWLKE   640
NTDB id 292 STER RS06940 WP 011681419.1        VRYDRYAQAQAWLEDSSLVIPLTVGNGAAPVISRLTPFTGASLQVGDKNSSNDYIKYVKPQEKVVTKKEYEQSREKWLKE   640
consensus                                       !!!!!!!!!!!!!!!!!!*!!!!!*!!!!!*!!!!!!!!!!!*!!!!!*!***!*!!!!*!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 475 HSISS4 RS07005 WP 021143809.1      KKASNEKAQKDLEKHVK   656
NTDB id 1130510 H0501 RS06855 WP 179970627.1   KKASNEKAQKDLEKHVK   655
NTDB id 324 STU RS16140 WP 011226306.1         KKESNEKAQKDLEKHVK   657
NTDB id 292 STER RS06940 WP 011681419.1        KKESNEKAQKDLEKHVK   657
consensus                                      !! !!!!!!!!!!!!!!
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X non conserved

X similar

X $\geq$ 50% conserved