

logo

```
NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1384 A4U84 RS08525 WP 010787006.1
NTDB id 1078152 ACKFA7 RS11645 WP 038459186.1
NTDB id 96 BSU 24730 NP 390353.1
consensus
```

MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGS LAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPVKV 80  
MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGS LAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPVKV 0  
..... 0  
..... 0  
..... 0

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NTDB id 1384 A4U84 RS08525 WP 010787006.1  
NTDB id 1078152 ACKFA7 RS11645 WP 038459186.1  
NTDB id 96 BSU 24730 NP 390353.1  
consensus

ALLPAEKAKELKAIPFALDEEAGVVRVAFNLPLDTLSEEEVDLTGLVVEPYQTKSAFLYALAKHYPELGLPVPPPPSG 160  
ALLPAEKAKELKAIPFALDEEAGVVRVAFNLPLDTLSEEEVDLTGLVVEPYQTKSAFLYALAKHYPELGLPVPPPPSG 0  
..... 0  
..... 0  
..... 0

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NTDB id 1078152 ACKFA7 RS11645 WP 038459186.1  
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consensus

EGQKDLKLGELLLQKGWISREALVEEQKTGDLLGRILVRKGLPEEALYRALAEQKGLFLESTEGIVPDPSAALLL 240  
EGQKDLKLGELLLQKGWISREALVEEQKTGDLLGRILVRKGLPEEALYRALAEQKGLFLESTEGIVPDPSAALLL 0  
..... 0  
..... 0  
..... 0

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L R S D A L R Y G A V P I G F Q N G E V E V V L S D P R H K E A V A Q L L N R P A R F Y L A L P Q A W E E L F R R A Y P Q K N R L G E V L V Q E G K L S R E A L 320  
 L R S D A L R Y G A V P I G F Q N G E V E V V L S D P R H K E A V A Q L L N R P A R F Y L A L P Q A W E E L F R R A Y P Q K N R L G E V L V Q E G K L S R E A L 0  
 ..... 0  
 ..... 0  
 ..... 0

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KEALEVQKGLPRAKPLGEILVELGLARPEDVEEALQKQRRGGGRLEDTLVQSGKLRPEALAQAVATMLGPTCDPEEDPI  
 KEALEVQKGLPRAKPLGEILVELGLARPEDVEEALQKQRRGGGRLEDTLVQSGKLRPEALAQAVATQLGYPYVDPEEDP. 399  
 .....MSQYTICQQTTERI 14  
 ..... 0  
 ..... 0

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consensus
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FDISPSRWQPNLLPKQLLRRYLWYPVRLTECHRLWLWLVKDERNLTALCEIDYRFLMTRBKGLNKEIAIAAAEAATIKLINALS  
 ...PDPGAPLLLPEDLCRRYGVFPHRLEGNRLVLLMKDPRNLTALDQVRLALKRKGLNVEVAPAVEATAAIIKTLI... 471  
 FDISPSRWQKNCEEKQLLLRYLAVPVQETEHKLWLAVDDENLTACEIFAFM.TH...KQIEPVVIASDEIKYLIINALS 89  
 ... 0  
 ... 0



 non conserved  
 similar  
  $\geq 50\%$  conserved