

```
NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1384 A4U84 RS08525 WP 010787006.1
NTDB id 1078048 ACJ1CH RS12030 WP 003153083.1
NTDB id 96 BSU 24730 NP 390353.1
consensus
```

MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGS LAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK 80
MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGS LAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK 0
..... 0
..... 0
..... 0
..... 0

```
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NTDB id 1078048 ACJ1CH RS12030 WP 003153083.1
NTDB id 96 BSU 24730 NP 390353.1
consensus
```

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

```
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```

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

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LRSDALRYGAVPIGFQNGEVEVWLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSREAL 320
 LRSDALRYGAVPIGFQNGEVEVWLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSREAL 0
 0
 0
 0

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consensus
```

KEALEVQKGLPRAKPLGEILVELGLARPEDVEEALQKQRRGGGRLEDTLVQSGKLRPEALAQAVATMLGPTCDPEEDPI
 KEALEVQKGLPRAKPLGEILVELGLARPEDVEEALQKQRRGGGRLEDTLVQSGKLRPEALAQAVATQLGYPYVDPEEDP. 399
MSQYTICQQTTERI 14
 0
 0

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FDISPSRWQPNLLKQLRLRYLVYPVRLTECHLWLVKDERNLTLALELYRMLTRKGLNKYEIPVWITSDEITYLLINALS
PDPGAPLLLPEDLCRRYGVFPHRLGNRLVLLKDPKNITLADVRLALKRKGLNVEYAPAVATEAAITKLLI... 471
 FDISPSRWQKNCEEKQLLLRYLAVPVQETEHKLWLVADDENNTACEIFAFM.TH...KQIEPVVIASDEIKYLLINALS 89
 0
 0

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consensus



 non conserved
 similar
 $\geq 50\%$ conserved