

logo

```
NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1384 A4U84 RS08525 WP 010787006.1
NTDB id 1001390 ABFV68 RS11695 WP 012117985.1
NTDB id 96 BSU 24730 NP 390353.1
consensus
```

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

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NTDB id 1001390 ABFV68 RS11695 WP 012117985.1
NTDB id 96 BSU 24730 NP 390353.1
consensus
```

ALLPAEKAKELKAIPFALDEEAGVVRVAFNLPLDTLSEEEVDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPPPSG 160
ALLPAEKAKELKAIPFALDEEAGVVRVAFNLPLDTLSEEEVDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPPPSG 0
..... 0
..... 0
..... 0

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NTDB id 1001390 ABFV68 RS11695 WP 012117985.1
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consensus

EGQKDLKLGELLLQKGWISREALVEEQEKTGDLGRILVRKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAALLL 240
EGQKDLKLGELLLQKGWISREALVEEQEKTGDLGRILVRKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAALLL 0
..... 0
..... 0
..... 0

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consensus

LRSDALRYGAVPIGFQNGEVEVWLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSREAL 320
 LRSDALRYGAVPIGFQNGEVEVWLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSREAL 0
 0
 0
 0

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```

KEAL**EVQ**KGL**P**RAK**P**L**G**EIL**V**EL**G**LAR**P**ED**V**EEAL**Q**K**Q**RRGGGR**L**ED**T**LV**Q**SG**K**LR**P**EAL**A**Q**A**VAT**M**L**G**P**C**DP**E**E**D**P**I** 399
 KEAL**EVQ**KGL**P**RAK**P**L**G**EIL**V**EL**G**LAR**P**ED**V**EEAL**Q**K**Q**RRGGGR**L**ED**T**LV**Q**SG**K**LR**P**EAL**A**Q**A**VAT**Q**L**G**Y**P**Y**V**D**E**E**D**P**.** 14
MS**Q****Y****T****I****C****E****Q****T****E****R**I 0
 0
 0

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consensus

FDISPSRWQPNLLPKQLLRRYLWYPVRLTECHNLWLVLKVDERNLTALCEIFAFMTRKGLNKEIAATAAAEATIKKLINALS
...PDPGAPLLLPEDLCRRYGVFPHRLEGNRIIVLLMKDPRNILALDDVRLALKRKGLNYEVAVAPAEATAAIIKKLI... 471
FDISP SRWQKNCEEKQLLLRYLAVPVQETEHKLWLVADDENNTACEIFAFM.TH...KQIEPVVIASDEIKYLLINALS 89
..... 0
..... 0

* * * * *

 non conserved
 similar
 $\geq 50\%$ conserved