

logo

```
NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1384 A4U84 RS08525 WP 010787006.1
NTDB id 1074300 ACC037 RS11735 WP 003153083.1
NTDB id 96 BSU 24730 NP 390353.1
consensus
```

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

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

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EGQKDLKLGELLLQKGWISREALVEEQKTGDLLGRILVRKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAALLL 240
EGQKDLKLGELLLQKGWISREALVEEQKTGDLLGRILVRKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAALLL 0
..... 0
..... 0
..... 0

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LRSDALRYGAVPIGFQNGEVEVVLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSREAL 320
 LRSDALRYGAVPIGFQNGEVEVVLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSREAL 0
 0
 0
 0

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KEAL**EVQ**KGL**P**RAK**PL**GE**IL**VELGLAR**PED**VEEAL**Q**K**QRR**GGGR**LE**DT**LV**Q**S**GK**LR**PEAL**AQ**AVAT**MSQ****Y**T**Y**VE**Q**TER
 KEAL**EVQ**KGL**P**RAK**PL**GE**IL**VELGLAR**PED**VEEAL**Q**K**QRR**GGGR**LE**DT**LV**Q**S**GK**LR**PEAL**AQ**AVAT**Q**L**G****Y**P**Y**V**D**PE**E**D**P**. 399
MS**Q****Y**T**Y**T**Y**VE**Q**TER 14
 0
 0

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FDISPSRWQPNLLPKQLLRRYLVYPVRLTECHNLWLVLKVDERNLTALCEIFAFMTRKGLNKEIAATAAAEATIKKLINALS
...PDPGAPLLLPEDLCRRYGVFPHRLEGNRIIVLLMKDPRNILALDDVRLALKRKGLNYEVAVAPAEATAAITKKLI... 471
FDISP SRWQKNCEEKQLLLRYLAVPVQETEHKLWLAVDDENNTACEIFAFM.TH... KQIEPVVIASDEIKYLINALS 89
..... 0
..... 0

* * * * *

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 non conserved
 similar
 $\geq 50\%$ conserved