

logo

```
NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1384 A4U84 RS08525 WP 010787006.1
NTDB id 289891 BAALB65 RS12410 WP 014418378.1
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 289891 BAALB65 RS12410 WP 014418378.1
NTDB id 96 BSU 24730 NP 390353.1
consensus

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

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NTDB id 96 BSU 24730 NP 390353.1
consensus
```

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

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consensus

LRSDALRYGAVPIGFQNGEVEVVLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSREAL 320
 LRSDALRYGAVPIGFQNGEVEVVLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSREAL 0
 0
 0
 0

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consensus

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**Q**T**E**R**I 0
 0
 0

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consensus

FDISPSRWQPNLLPKQLLRRYLYVPHVLETCNRLWLAVKDERNLTLACEDDFALMTRKGLNKYEIAVA AAEAAIKKLINALS
...PDPGAPALLLPEDLCRRYGVFPHRLEGNRIVLLMKDPRNITLALDDVRLALKRKGLNYEVAPAVEATAAIIKKLI... 471
FDISP SRWQKNCEEKQLLLRYLAVPVQETEHKLWLAVDDENNTLACEIFAFM.TH... KQIEPVVIASDEIKYLINALS 89
..... 0
..... *

 non conserved
 similar
 $\geq 50\%$ conserved