

```
NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1384 A4U84 RS08525 WP 010787006.1
NTDB id 1103796 ACNM7T RS12030 WP 003153083.1
NTDB id 96 BSU 24730 NP 390353.1
consensus
```

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

```
NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1384 A4U84 RS08525 WP 010787006.1
NTDB id 1103796 ACNM7T RS12030 WP 003153083.1
NTDB id 96 BSU 24730 NP 390353.1
consensus
```

ALLPAEKAKELKAIPFALDEEAGVVRVAFNLPLDTLGLEEDLTGLVVEPYQTKSAFLYALAKHYPELGLPVPPPPSG 160
ALLPAEKAKELKAIPFALDEEAGVVRVAFNLPLDTLGLEEDLTGLVVEPYQTKSAFLYALAKHYPELGLPVPPPPSG 0
..... 0
..... 0
..... 0

```
NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1384 A4U84 RS08525 WP 010787006.1
NTDB id 1103796 ACNM7T RS12030 WP 003153083.1
NTDB id 96 BSU 24730 NP 390353.1
consensus
```

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

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NTDB id 1103796 ACNM7T RS12030 WP 003153083.1
NTDB id 96 BSU 24730 NP 390353.1
consensus

LRSDALRYGAVPIGFQNGEVEVWLSDP RHKEAVAQLLNRPARFYALALPQAW EELFRRAYPQKNRLGEVLVQEGKLSREAL	320
LRSDALRYGAVPIGFQNGEVEVWLSDP RHKEAVAQLLNRPARFYALALPQAW EELFRRAYPQKNRLGEVLVQEGKLSREAL	0
.....	0
.....	0
.....	0

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consensus

KEALEVQKGLPRAKPLGEILVELGLARPEDVEEALQKQRRGGGRLEDTLVQSGKLRPEALAAQAVATMLGYPYVDEEDP
KEALEVQKGLPRAKPLGEILVELGLARPEDVEEALQKQRRGGGRLEDTLVQSGKLRPEALAAQAVATQLGYPYVDEEDP
MSQYTICQQT
.....
.....
.....
.....

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consensus

FDISPSRWQPNLLKQLRLRYLYVPHRLTECHRLWLVLVDERNLTALFLYRMLTRKGLNKYEIPVWITSDEITYLINALS
PDPGAPLLLPEDLCRRYGVFPHRLGNRLVLLMKDPRNLTALDDVRLALKRKGLNYEVPAAVEAAITKLI.... 471
 FDISPSRWQKNCEEKQLLLRYLAVPVQETEHRLWLAVDDENLTACEIFAFM.TH....KQIEPVVIASDEIKYLIINALS 89
 0
 0

 non conserved
 similar
 $\geq 50\%$ conserved