

logo

```
NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1384 A4U84 RS08525 WP 010787006.1
NTDB id 1020129 AB0R86 RS12040 WP 012117985.1
NTDB id 96 BSU 24730 NP 390353.1
consensus
```

MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGS LAEVLVDMGLLSERRIAQTIEDRFGIPLVELH RVEIPPVKV
MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGS LAEVLVDMGLLSERRIAQTIEDRFGIPLVELH RVEIPPVKV 80
..... 0
..... 0
..... 0
..... 0

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```

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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```

KEALEVQKGLPRAKPLGEILVELGLARPEDVEEALQKQRRGGGRLEDTLVQSGKLRPEALAAQAVATMLGYPVDEEDP
 KEALEVQKGLPRAKPLGEILVELGLARPEDVEEALQKQRRGGGRLEDTLVQSGKLRPEALAAQAVATMLGYPVDEEDP
MSQYTICQQTETRI

399
 14
 0
 0

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FDISPSRWQPNLLKQLRLRYLVYPVRLTECHLWLVKDERNLTLALELYRMLTRKGLNKYEIPVWIASDETKYLINALS
 ...PDPGAPLLLPEDLCRRYGVFPHRLGNRLVLLKDPKNILACDDVRLALKRKGLNVEVAPVATEAAITKLI... 471
 FDISPSRWQKNCEEKQLLLRYLAVPVQETEHLLWLVADDENLTACEIFAFM.TH...KQIEPVVIASDEIKYLINALS 89
 ... 0
 ... 0

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 non conserved
 similar
 $\geq 50\%$ conserved