

logo

NTDB id 316840 D6022 RS12350 WP 003183624.1

NTDB id 118 BSU 25280 NP 390406.2

consensus

MLTKCEGIVLRTNDYGETNKIYTLTREHGKIGVMARGAKKPN SRLSAYSQPFYASFLMRKTSGLGTLQGGEMILESMRNG

MLTKCEGIVLRTNDYGETNKIITLLTREHGKIGV LARGAKKPN SRLSAISQPFYASFLFRKSSGLGTL EQGEMIESMRN

MLTKCEGIVLRTNDYGETNKIVTLLTREHGKIGVMARGAKKPN SRLSAVSQPFYGSFLMQKTSGLGTLQGGEMILSMRG

!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!*!!!!!!!!!!!!*!!!!!!!!!!!!

80

80

logo

NTDB id 316840 D6022 RS12350 WP 003183624.1

NTDB id 118 BSU 25280 NP 390406.2

consensus

IREDLFLTAYAAAYAEIYDRGTEEEKPNPYLFEFTLESLRRLNEGTDPDYITNLYQVMKLSVMGLYPELDECVHCKSKDQ

IREDLFLTAYAAAYIAELIDKGTEEEKPNPFLFELLLQSMRRLNDGTDPDITIANLIEVKMLSVMGLYPELDECVHCKSKDG

IREDLFLTAYAAAYVAELVDRGTEEEKPNPYLFEFIILES LKQLNEGTDPDVITFIVQMKMLGVMGLYPELNHCVHCKSQDG

!!!!!!!!!!!!!!!!!!!!*!!!!*!*!!!!!!!!!!!!*!!!!*!!**!!*!!!!!!!!*!!**!*!!!!!!*!!!!!!!!!!!!*!!!!!!!!!!!!

160

160

logo

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NTDB id 118 BSU 25280 NP 390406.2

consensus

TFHFSYRDNGFICHRCFAKDPYRIP LSPASARLLRLFFYFDLSRLGNVSKQETKDELKRVIQTYYDEYSGIYLKSRRFM

TFHFSIRDNGFICHRCFAKDPYRIP LSPASARLLRLFFYFDLSRLGNVSKQETKDELKRVIQTYYDEYSGIYLKSRRFM

TFHFSVRDNGFICHRCFEKDPYRIP LKPKQTARLLRLFFYFDLSRLGNVSLKEETKAELKQVIDLYYEEYSGLYLKSRFL

!!!!!!!!*!!!!!!!!!!!!!!*!!!!!!!!!!!!*!!!!!!!!!!!!*!!!!!!!!!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*

240

240

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NTDB id 118 BSU 25280 NP 390406.2

consensus

EQMESNMKMMGENNS

EQMDNMKKMLGDENKS

DQMESMKHLMGENKS.

!!!!***** *

256

255

- ⓧ

 non conserved
- ⓧ

 similar
- ⓧ

 ≥ 50% conserved