

logo

AT10011 WP 081815666.1 NZ JACJUA010000004:115003-115563
 AT10004 WP 090558408.1 NZ FMSN01000010:58597-59346
 AT10008 WP 095295401.1 NZ MLAT01000007:2348-2788
 AT10013 WP 061065448.1 NZ CP014038:c1867735-1867268
 consensus

MAFHFI A I I S D F S G G R R I G W H Y S S E E R L D K N Y I L E F F E R V K E K C G M V Q F G I H K L S T D S T S W Q S V T E K D S F
 MAFHFIAIISDFSGGRRIGWHYSSEERLDKNYILEFFERVKEKCGMVQFGIHKLSTDSTSWQSVTEKDSF

0
70
0
0

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FDDVYVTEDISTFIDV...MALMNVMDVADFFIISTANEGDPEEDDGTINMKILNKILFFAQAASTQRFGKP
 FDDVYVTEDISTFIDVISKDKELIAYDVAKFV...LSFKPASHLKLQKLLYYIYAEFLLKTGEEK
 MKALDVAKYIINKCI...EKGKPISNLQKLTIFYFVHLGFLRETHRK
 MKAYHTYSADVAVWSLTKHAK...EQGKCFSNLQKLTIFYVCHGLSLAHFQRHP

51
131
44
50

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LFDTP...LEAWKYGPVVKD...VYRTFKGYQRDSITKVAQPF...WQTVQP...EVLELICD
 LFKEP...IVAFKYGPVIEDIFYRYKVHGKSEIDYEEDATIKLRTDLDLVIIPFSFMKILSSEHGI...EALKCISD
 LIDDESFKAWQYGPVIVSYNKFRIYGGFTIDDIQECHIELKP...EEEKSIDK
 LVVDD...VFAWKEGPVPSVYFRFKSYGSSVIPE...QCQDVALDQ...ESESIVKD

103
200
95
98

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VYRTRYARDYSATGLMRMTHKPDTPWSKVYQPNQ...NNEIPCELIDEWVKRSPLHIDKDPTPDNQVITIAK
 VLAK...YGYKYSASGLVDKTHQAGGPWKR...VYKPGQ...NCVITDELITQ...YHQYAT...
 ILDE...CIKLPWELVQRSHNPDGAWIKVYKDGEDYKDIAIPDNLIQEALGY...
 VVSK...LGHLTCQPQLVDLTHREGSPWHQVVDGTH...QKVIPDHLIQAHYTIKQS...GRT...ASTI...

170
249
146
155

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 consensus

LDASGHPFLPEGWEED

LDASGHPFLPEGWEED 186
 249
 146
 155

⊠ non conserved
 ⊠ similar
 ⊠ ≥ 50% conserved