

logo

NTDB id 595 KW2 RS08725 WP 021037687.1
 NTDB id 1382 A4U84 RS07375 WP 062924234.1
 NTDB id 1159 ABDM36 RS04765 WP 001166105.1
 NTDB id 1150 A1552VC RS08580 WP 001166105.1
 NTDB id 74404 K5706 RS10115 WP 128811308.1
 NTDB id 1294 VP RS04495 WP 021449594.1
 NTDB id 1395 DSB67 RS04445 WP 010649155.1
 consensus

MEKILDKLKEYWKIMLLVVCAL IAGGIFYIFTNSPKPAETLSVENLSSSSSTKSSSVSKFNSSSSSEKNKNEIMVDLKGAVAK
 MEKILDKLKEYWKIMLLVVCAL IAGGIFYIFTNSPKPAETLSVENLSSSSSTKSSSVSKFNSSSSSEKNKNEIMVDLKGAVAK

80
0
0
0
0
0
0

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NTDB id 595 KW2 RS08725 WP 021037687.1
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 NTDB id 1395 DSB67 RS04445 WP 010649155.1
 consensus

PNVYQISSDERLVDLIRQAGGFDDQADQKSNILSAKIKDEE.VIYVPKVGESSSESTDSPTGSS.....VSNQIST
 PNVYQISSDERLVDLIRQAGGFDDQADQKSNILSAKIKDEE.VIYVPKVGESSSESTDSPTGSS.....VSNQIST
MKKLSRYTFSLLFLFS..ATTFAEKVTSTSTHTPVVMQVVAATQK
MQIKTKIVTLFLSLCLPTLP..LLAN.....AEETAP...AAQVEE
MQIKTKIVTLFLSLCLPTLP..LLAN.....AEETAP...AAQVEE
MKWILTISLMLS..SLAWATDSQTGSAETSNSN...KAAKYD
MKWILTCLVVFVFA..PLSLAA.....DT...KADKYE
MKWMLTLCLLILA..PMSWAET.....KT...KADKYE
 ***** ** ** * * * * *

151
45
36
36
37
27
28

logo

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 consensus

GIEITVNTASAEELATLLKIGLGGKKAQDIVDYRKEHGFKTAADLTNVKGI G EATVVRKNE DRILL
 YRANKVIRDLQLQBRK...S...EFK...S...F...K...ENLRAE...S...
 TSGPKVNINKADLTLELQ.KLTGIGQKKAQDIIDFRMKNQDFKSIEDLGKVSFGDKTLEKLDKDEISID 218
 VNANVNTASAEELATLLKIGLGGKKAQDIVDYRKEHGFKTAADLTNVKGI G EATVVRKNE DRILL 113
 GIVITVNINTASAEELATLLKIGLGGKKAQDIVDYREANGPFTHIDDLTNVKGIG EATVVRNNAARILL. 103
 GIVITVNINTASAEELATLLKIGLGGKKAQDIVDYREANGPFTHIDDLTNVKGIG EATVVRNNAARILL. 103
 GIEITVNTASAEELATLLKIGLGGKKAQDIVDYRKEHGFKTAADLTNVKGI G EATVVRKNE DRILL. 104
 GIEITVNINTASAEELATLLKIGLGGKKAQDIVDYRTEHGFKTAADLTNVKGI G EATVVRKNE DRILL. 94
 GIEITVNTASAEELATLLKIGLGGKKAQDIVDYRNEHGFKTAADLTNVKGI G EATVVRKNE DRILL. 95
 ** **!!**!!** !****! !!! !!! !****! *!*****!!**!!**!!**!!**!!**!!**!!**

non conserved
 similar
 ≥ 50% conserved