

logo

NTDB id 1475 Cj0275 YP 002343717.1

NTDB id 298492 DK877 RS06730 WP 002934974.1

NTDB id 379 SMU RS04375 WP 002262816.1

consensus

MSVRYTIVTY
MLGNRTNIMPRK
MEFAATGHKDELTH
CSFCGKNGEVKKIAG
NEVEDPQRR
LLENDDAI
EYGSYS
YGEKFKAKQSHNTEADDTITQKRN
DLskyPKPKELLAIL
FET

MEFISIGVKIMPRKCSFCNEVENPQRRILANENDDAFICEYCVEGAYSIIYGEKEFKEPKQSHNTEFKDITPKELKAYL 80
...MAVKHTHELIYCSFCGKNQEEVKKIAG...NNVFICNECVELAQEIIREELAAEEVLT...DLADTPKPKQELLNLT 70
..MAGNRITNDVTVHCSCFCGKNQDEVKKIAG..NGVFICNECVELSQEIIREELAAEEVLA....DLSVEVPKPKELLAIL 71

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consensus

DSYVIGQDRAKRALAVAVNYHYKRIEFESDDVDLQKSNILMIGPTGSGKTELAQTLAKSLNVPFAIADATATEAG 159
DRYVIGQDRAKKVFVSGVYNHYKRLFKAE.L.QDDDTLQKSNILMIGPTGSGKTELAQTLAKSLNVPFAIADATATEAG 150
NNYVIGQDRAKRALAVAVNYHYKRINFQDSRDENDVDLQKSNILMIGPTGSGKTELAQTLAKSLNVPFAIADATATEAG 151
DSYVIGQDRAKRALAVAVNYHYKRISFTESQDDQVDLQKSNILMIGPTGSGKTELAQTLAKSLNVPFAIADATATEAG

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consensus

YVGEDVENILLLKLLQAADYVQRAERGIYYDEIDKIAKKGENVSITRDVSGEGVQVQALLKIIEGTVASVPPQGGGRKHPN 239
YVGEDVENILTRLLQAADGQVQRAQKGIYFIDEIDKIAKMSENRSITRDVSGEGVQVQALLKIIEGTVASVPPQGGGRKHPN 230
YVGEDVENILLKLLQAADFNIDRAERGIIYVDEIDKIAKKGENVVSITRDVSGEGVQVQALLKIIEGTVASVPPQGGGRKHPN 231
YVGEDVENILLKLLQAADYNVERAERGIIYVDEIDKIAKKGENVVSITRDVSGEGVQVQALLKIIEGTVASVPPQGGGRKHPN

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QEMQIDTKNLFIVGGAFDGLTIVKQRLGKIIIGFGNNKIDESSYMQKIDDIQKFGIPELIGRLPVLAALEQ 317
QEFIQIDTNSNILFVCGGAFDGLTILKRLGDKVGVGFDDAK..EENKALLEKIEPDDLVHFGILPELIGRLHVIASLNE 310
QEMIHVDTKNILFIVGGAFDGLIEIVKQRLGKIIIGFGHNNRAIDEKESYMQHIIADDIQKFGIPELIGRLPVLAALEQ 311
QEMIQIDTKNILFIVGGAFDGLIEDIVKQRLGKIIIGFGQNNKKIDDQSSYMQEIIISEDIQKFGIPELIGRLPVLAALEQ

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LYEDLVRILTEPKNALVKQYQTLISYDGVLELFEDEALAIQAALERKTGARGLSIIEETMLDLMFEPQKQDVTRV 397
LNEEDMVRILTEPKNALIKQYQKLFADIGVNLKFEEDALRAIAQLALERKTGARGLSIIEETMLDLMFELPEYKDYDIV 390
LTTEDLVRILTEPKNALVKQYQTLISYDDVELDFEDALLAIAEKAERKTGARGLSIIEETMLDVMFEVPGQDNVVRV 391
LTVDDLVRILTEPKNALVKQYQTLISYDGVLELFEDEALQAIAQAIAERKTGARGLSIIEETMLDLMFETPSQEDVTCV

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consensus

RYTKAVKGTETKPLLETAS 417
I.TKEVVKDNAKALLIKRKIS 408
RVTKAAVDGKEKPLLETA... 408
RITKKAVEGTDKPILETAS.. 410

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non conserved
 similar
 ≥ 50% conserved