

logo

NTDB id 1475 Cj0275 YP 002343717.1

NTDB id 977037 MGAS37859 RS03645 WP 002984948.1

NTDB id 379 SMU RS04375 WP 002262816.1

consensus

MAGSRTNDVTVHCSEFCGKQDVKKIAG..NNVFICNECVALSQEIIEELAEVILADLSEVPKPKELLAYL

80

71

71

logo

NTDB id 1475 Cj0275 YP 002343717.1

NTDB id 977037 MGAS37859 RS03645 WP 002984948.1

NTDB id 379 SMU RS04375 WP 002262816.1

consensus

DRYVIGQDRAKRVFVSVGVYNYHYKRLFKAE..QDDDTLFLKSNILLVGPTGSGKTLAQTLLAKSLNVPFAIADATSLTEAG

159

151

151

logo

NTDB id 1475 Cj0275 YP 002343717.1

NTDB id 977037 MGAS37859 RS03645 WP 002984948.1

NTDB id 379 SMU RS04375 WP 002262816.1

consensus

YVGEDVENILLKLIQAADYNVERAERGIIYVDEIDKIAKKGENVISITRDVSGEGVQQALLKIIIEGTVASVPPQGGRKHPN

239

231

231

logo

NTDB id 1475 Cj0275 YP 002343717.1

NTDB id 977037 MGAS37859 RS03645 WP 002984948.1

NTDB id 379 SMU RS04375 WP 002262816.1

consensus

QEFIQIDTSNILFVCGGAFDGLLETLKRLGDKVVGFFDDAKE..ENKALLEKTEPDDLVHFLGLIPELIGRLHVIAASLNE

317

311

311

logo

NTDB id 1475 Cj0275 YP 002343717.1

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consensus

LNEEDMVRILTEPKNALIKQYQKLFVSYDGVLEFDDQEALEAIAQAIAERKTGARGLRSEIIEEMVLDLMFELPEYKDYDIV

397

391

391

logo

NTDB id 1475 Cj0275 YP 002343717.1

NTDB id 977037 MGAS37859 RS03645 WP 002984948.1

NTDB id 379 SMU RS04375 WP 002262816.1

consensus

RITKAAVEGKSKPLETEA... RITKKAVEGTDKPILETA...

417

409

410

non conserved

similar

≥ 50% conserved