

Table S2. Template sequence used for DnaK domains' comparison.

>Mycoplasma fermentans no info;1-366;367-481;482-585
MAKETIIGIDLGTTNSAVAIVDGGTPIVLENYNGKRTTPSVVSFKDGEIIVGENAKNQIETNPDTIASVKRFM
GTTKIFKANGKEYKPEEISAIILDHLRKYAEEKVGHKIEKAVITVPAYFDNAQREATKIAGKIAGLDVLRIN
EPTAAALAFGLDKTNKEMKVLVFDLGGGTFDVSILELADGTFEVLATSGDNKLGDDWDHEIVDWLVAKIKND
HKIDIRENKMAMARLKAAAEEKAKIDLSSSLVAHISLPFLVLLDNHEPINVEAELKRSEFEKMTAKLVERCRRP
IQDALSEAKLKISDLDEILLVGGSTRIPAVQALVEKILNRKPNKSVNPDEVVAMGAAIQGAVLAGDINDILLV
DVTPLTLGIETAGGISTPLIPRNTTRIPITKSETFTTFENNQTDVTIKIVQGERPVASENKLLGQFNLTGIRPA
PRGIPQIEVSFKIDANGITTVSAKDKDTQKEQSITIKNSSKLSEEVERMIKEAEENREADAKRAADIEIIVR
AETMVAKFESVLEENKDKLTQDQINQAQAEIDKINGFIKEKEYDQLRLTIKAFEELLDMSNADSSSFKEEDA
E