



Figure S1. Maximum-likelihood tree (2), of multicopper oxidase from *T. terrestris* NRRL 8126 (UniProtKB: G2R0D5) with other multicopper oxidases and laccases. The analysis involved 52 amino acid sequences, accession numbers of NCBI database are shown in the branches of the tree. The model LG (-lnL = -30529.08, G = 1.359, I = 0.006) was used for the analysis. *G. boninense* (UniProtKB: A0A5K1JZ75) was used as outgroup. The robustness at each node was assessed after 1000 pseudo-replicates and bootstrap support values are indicated for major nodes having 50 % values.