



Figure TT. Tree of COG1186 and COG0216. The MG258 gene case. In figure we see the phylogenetic tree for this two COGs. **Blue bar** represent those genes that belong to COG1186. **Red bar** indicate those genes that belong to COG0216. Inside **red square** are the genes not included in NCUT cluster, while in the **blue one** are the genes doing so. Tree was created with Clustal W (ref.) using 1000 bootstrap trials and taking into account positions with gaps.