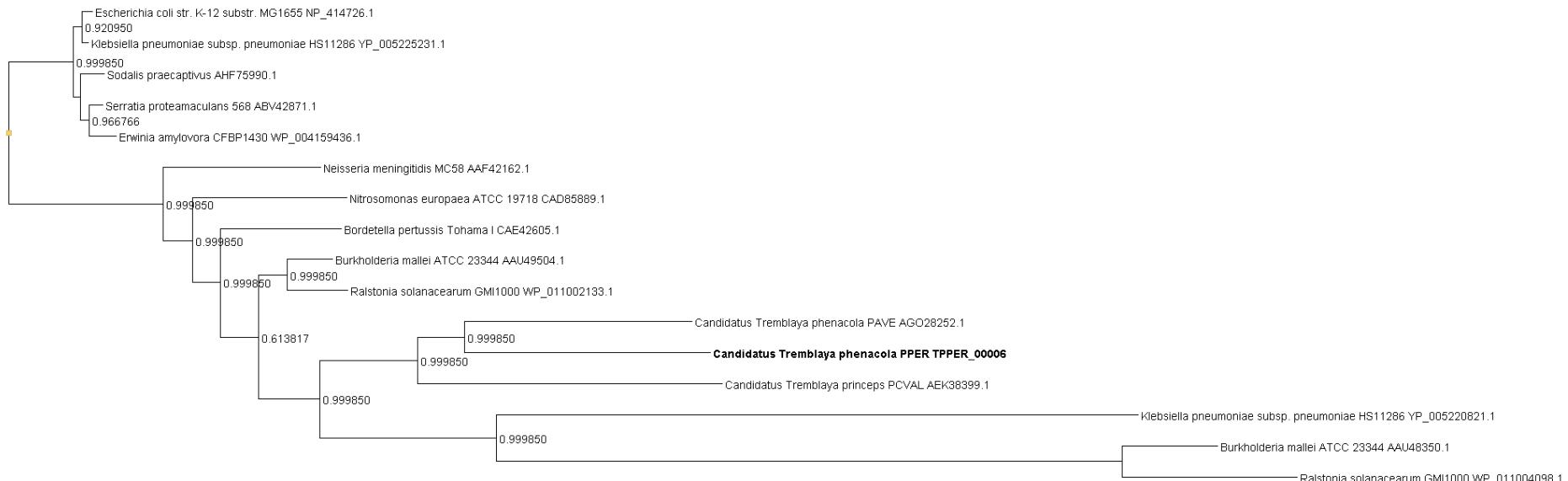
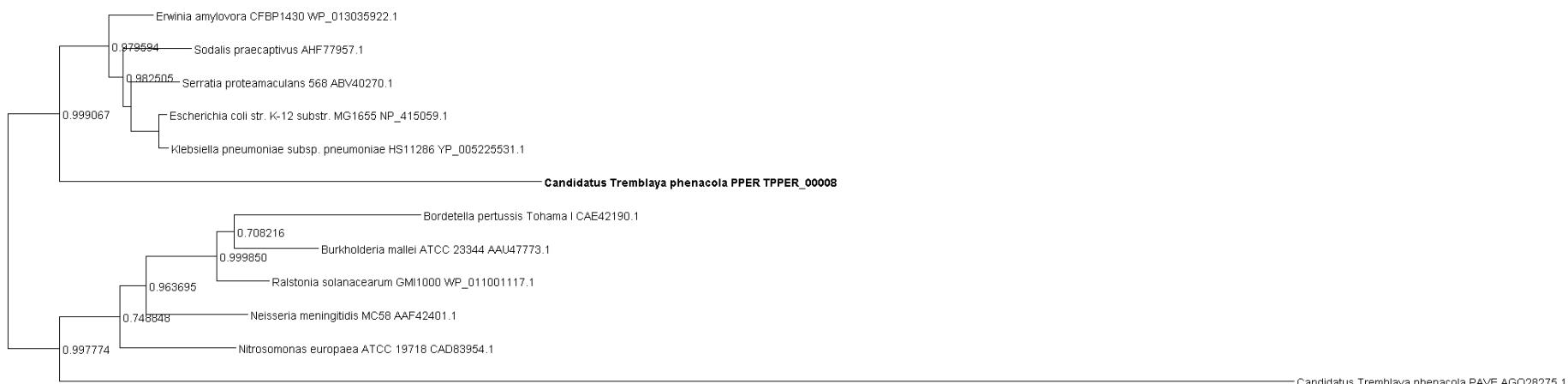


**Figure S5.A. Contig 1**

*dnaE* (beta)

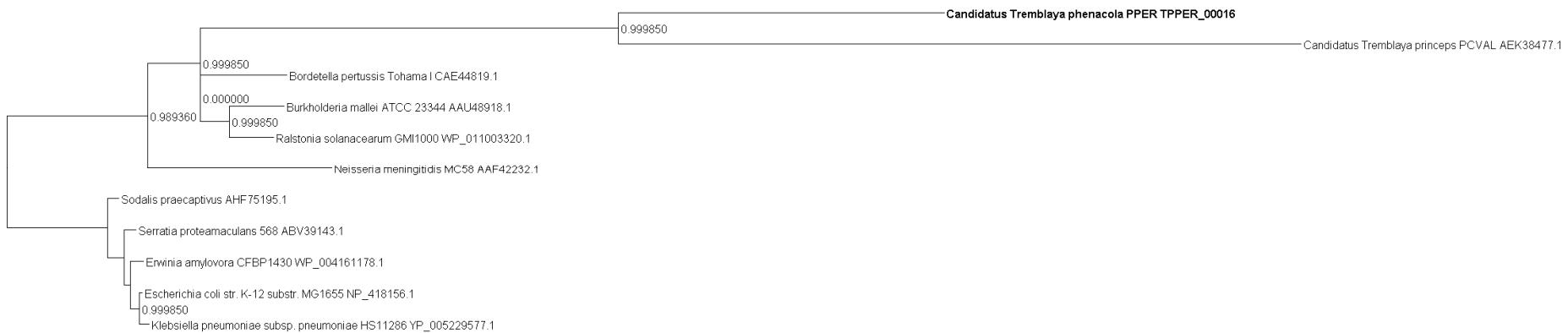


*cysS* (gamma)



**Figure S5.B. Contig 2**

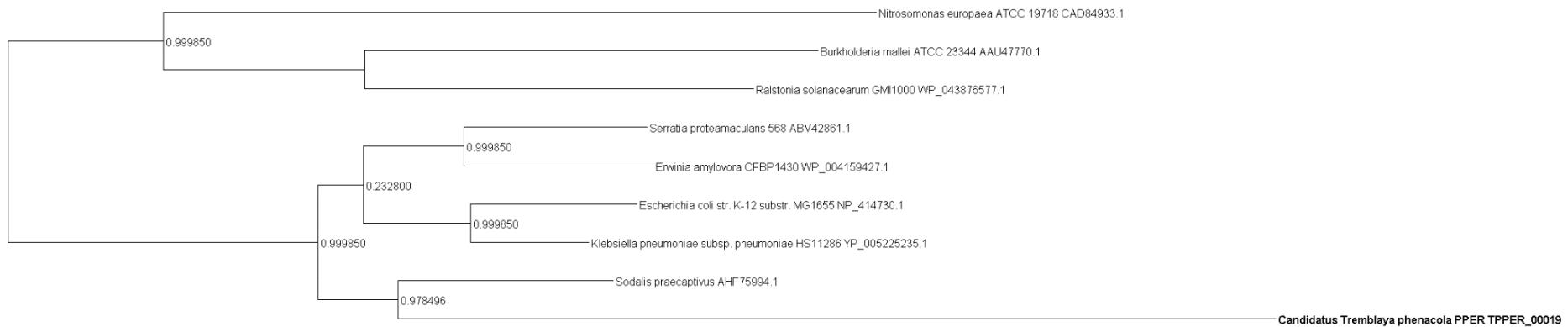
*dnaN* (beta)



*rpoD* (beta only by Phylomizer)

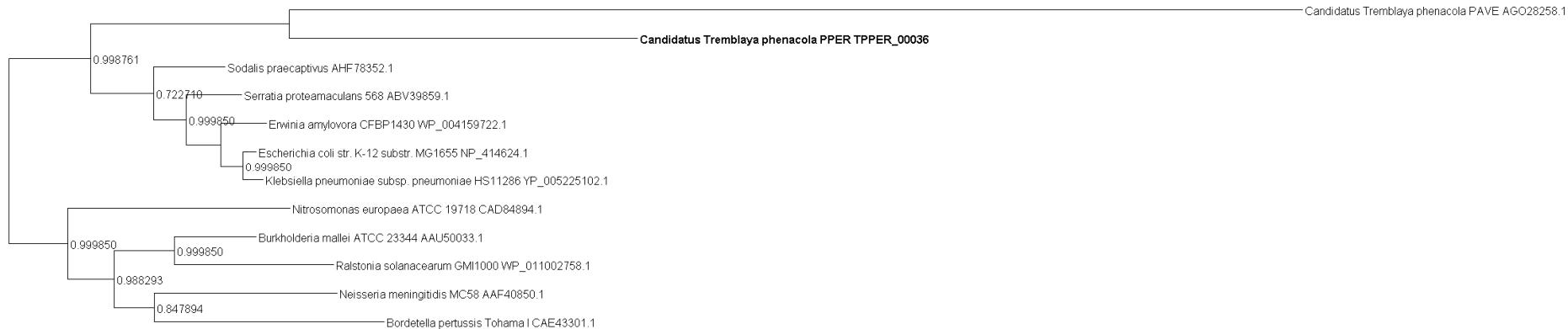


## *ti/S* (gamma)



**Figure S5.C. Contig 3**

*rsmH* (gamma)

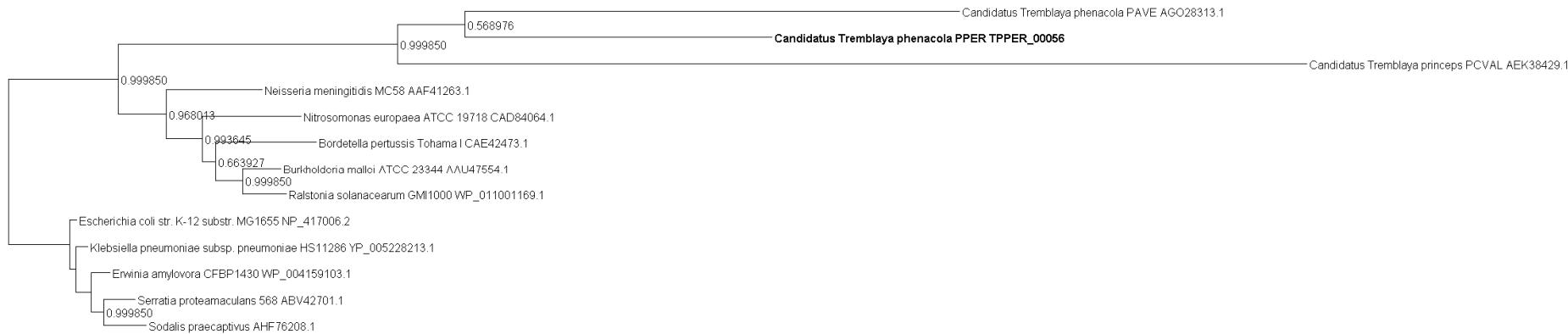


*lon* (beta)

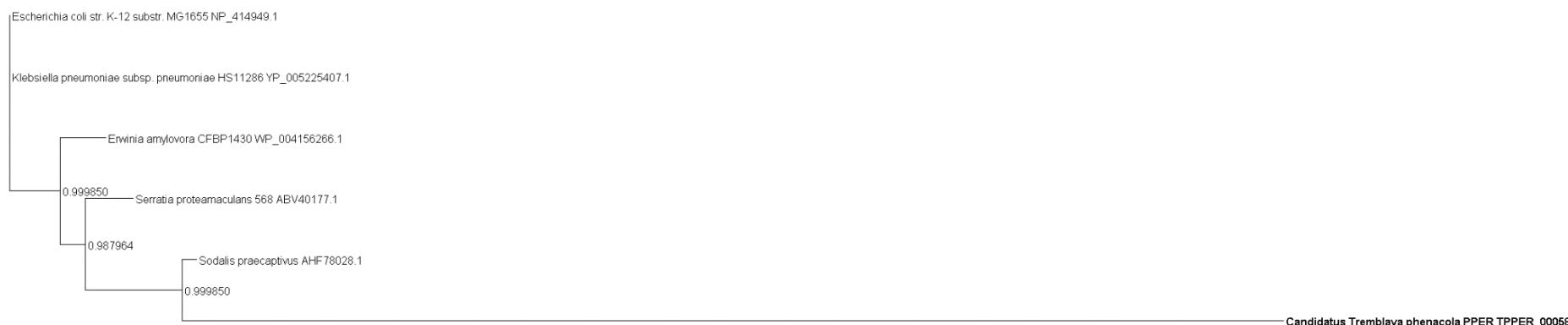


**Figure S5.D. Contig 7**

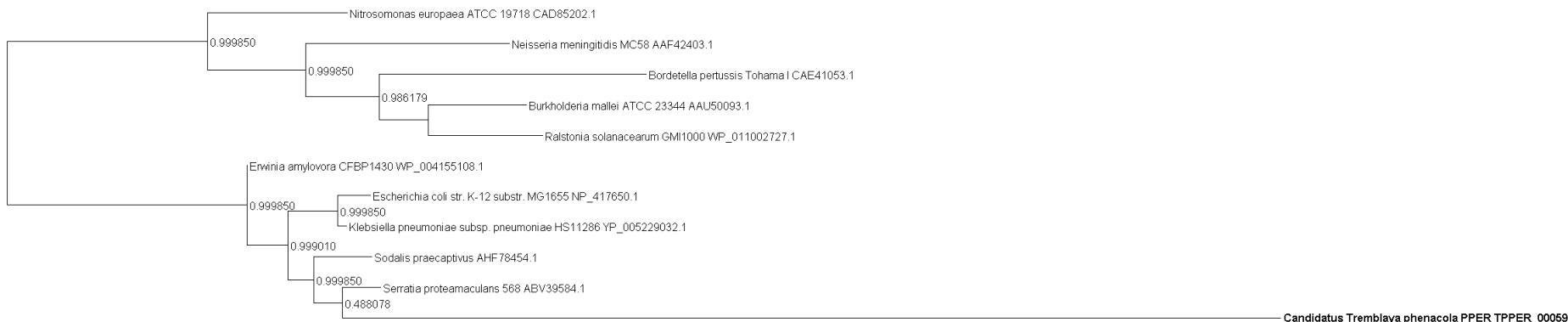
*der* (beta)



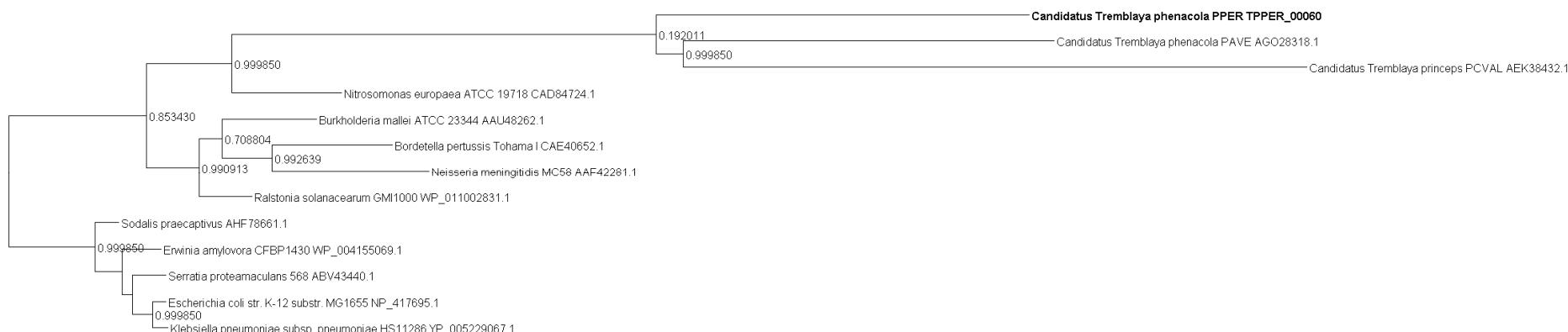
*ribE* (gamma)



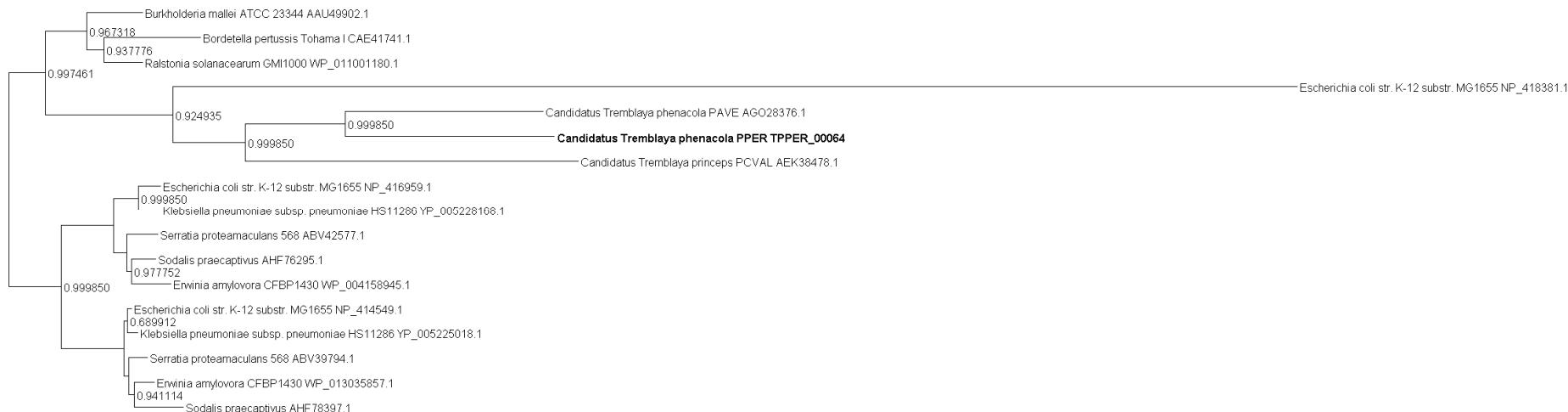
## *obg* (gamma)



## *sspB* (beta)



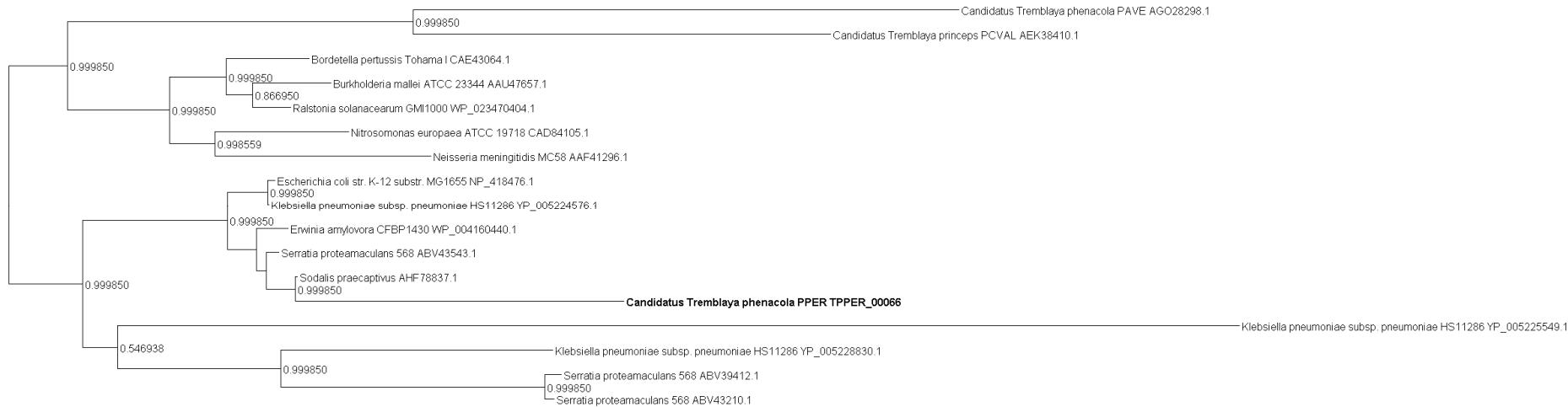
## *tal* (beta)



## *frr* (gamma)



## *dnaB* (gamma)

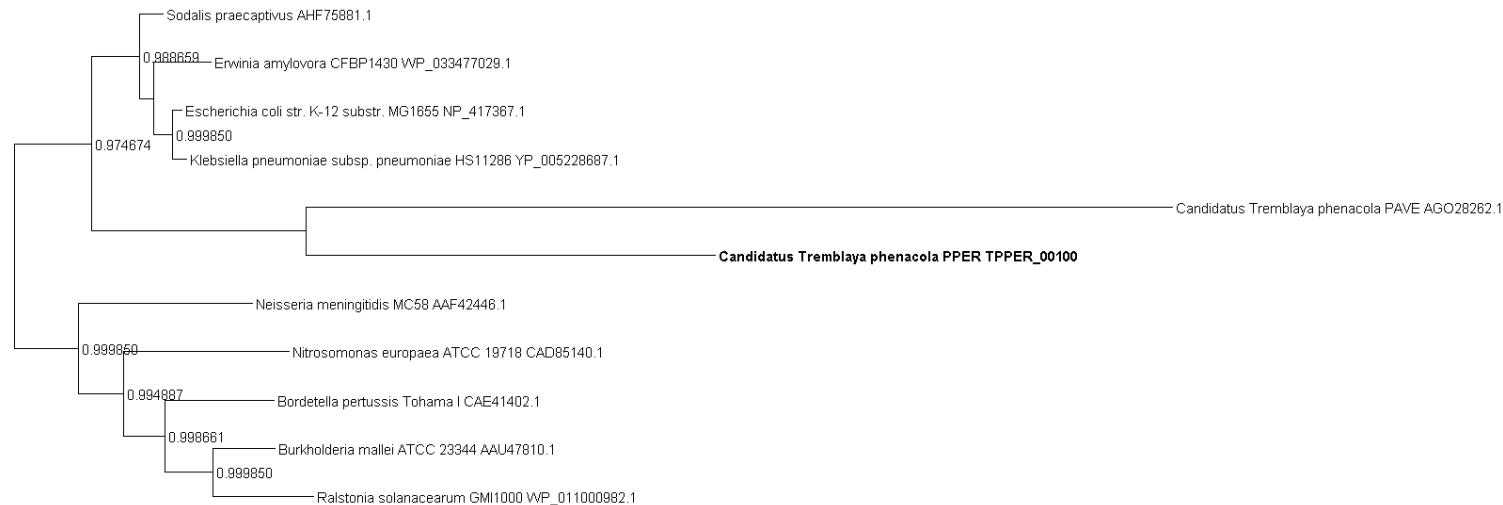


## *rpmA* (beta only by Phylomizer)

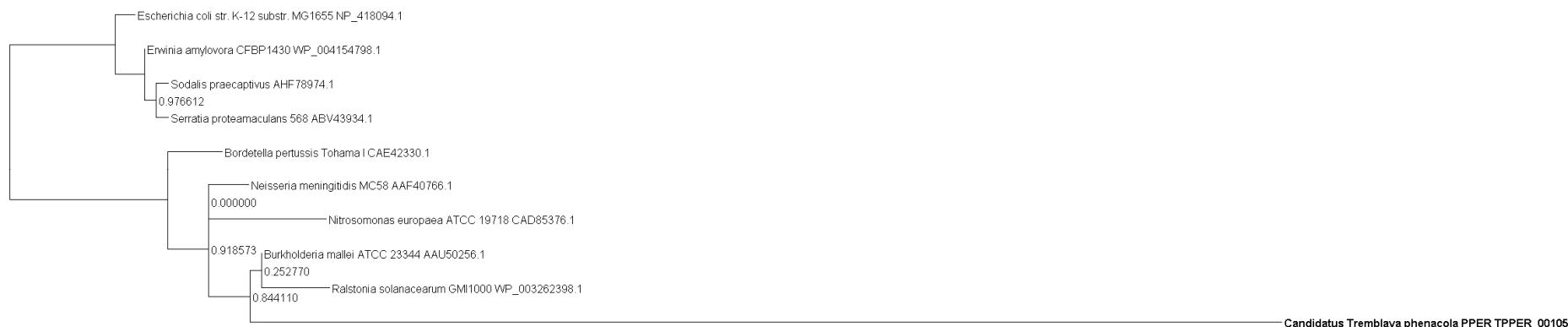


**Figure S5.E. Contig 11**

*prfB* (gamma)

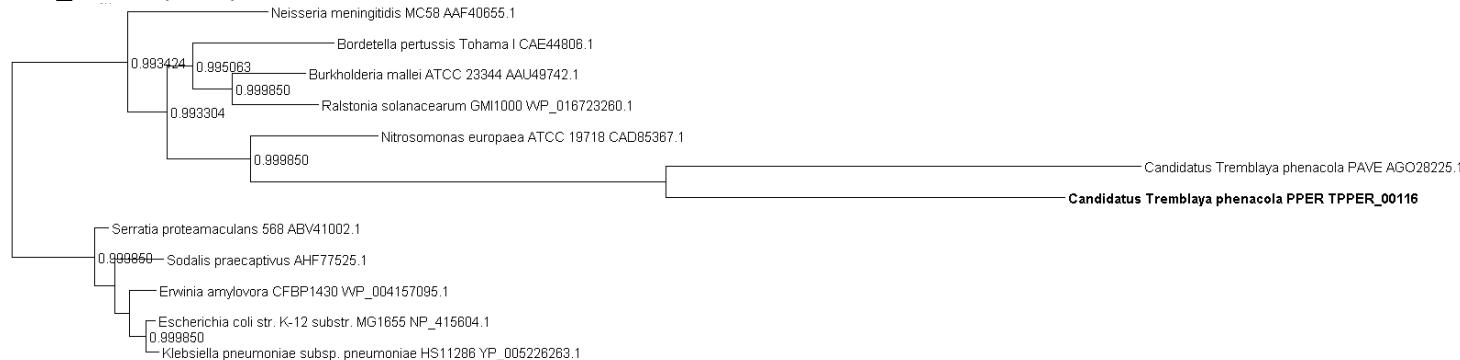


*rpmB* (beta only by Phylomizer)



## Figure S5.F. Contig 12

TPPER\_00116 (beta)



### *ligA* (gamma)

