

If you use these data, please cite:

Jackson, AP et al. 2012. A cell surface phylome for African Trypanosomes. *Manuscript submitted.*

Fam66: Peptidyl-prolyl cis-trans isomerase (cyclophilin-type)

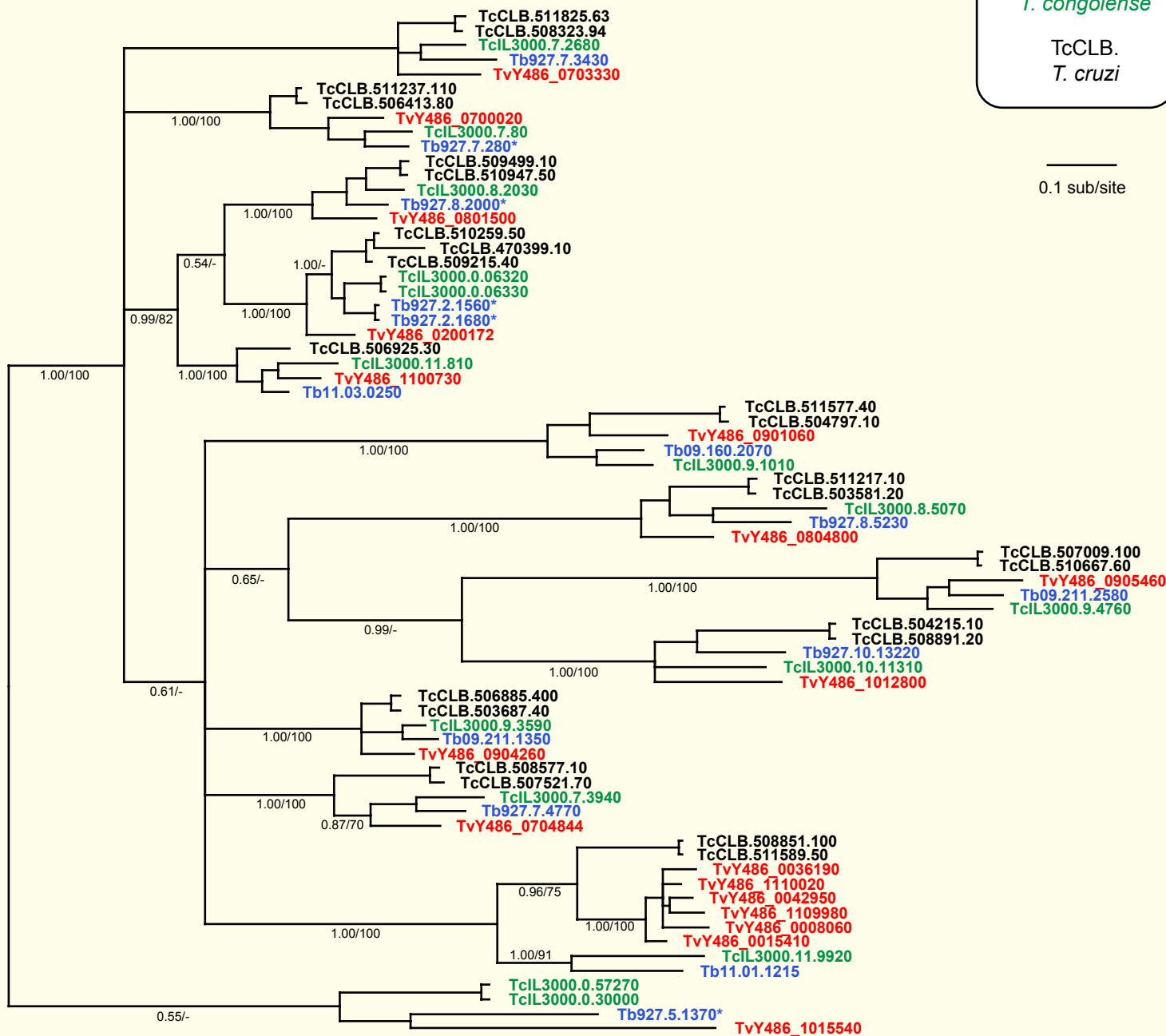
Key: Tb927.927.

T. brucei

TvY486_Y486_
T. vivax

TcIL3000.
T. congolense

TcCLB.
T. cruzi



NOTES: Fam66 comprises a family of peptidyl-prolyl cis-trans isomerase genes that encode cyclophilin-type proteins which are predominantly expressed within the cell. However, a minority of these predicted proteins in *T. brucei* have signal peptides and these are marked with an asterisk *.

The Bayesian phylogram was estimated from a multiple nucleotide sequence alignment of 618 characters, using MrBayes under default settings. The tree is mid-point rooted on the most divergent clade. Selected nodes are supported by posterior probabilities and non-parametric bootstraps generated from a maximum likelihood analysis under a GTR+ Γ model.