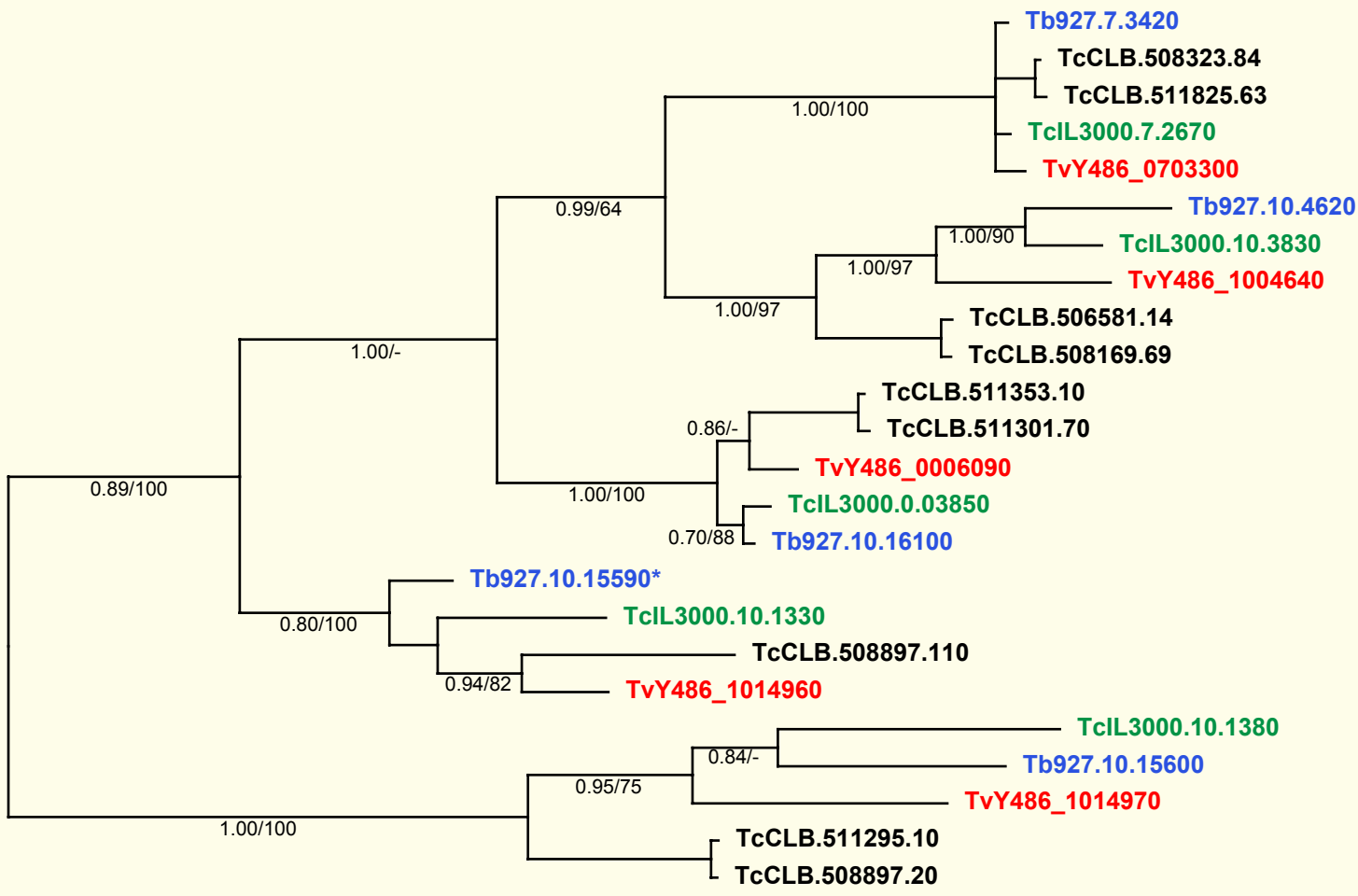
If you use these data, please cite:

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

Fam69:
Peptidyl-prolyl cis-trans isomerase (FKBP-type)

Key: Tb927. *T. brucei*
TvY486_ *T. vivax*
TcIL3000. *T. congolense*
TcCLB. *T. cruzi*



NOTES: **Fam69** comprises a family of peptidyl-prolyl cis-trans isomerase genes that encode FKBP-type proteins which are predominantly expressed within the cell. However, one of these predicted proteins in *T. brucei* has a signal peptide and this is marked with an asterisk *.

The Bayesian phylogram was estimated from a multiple nucleotide sequence alignment of 453 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.