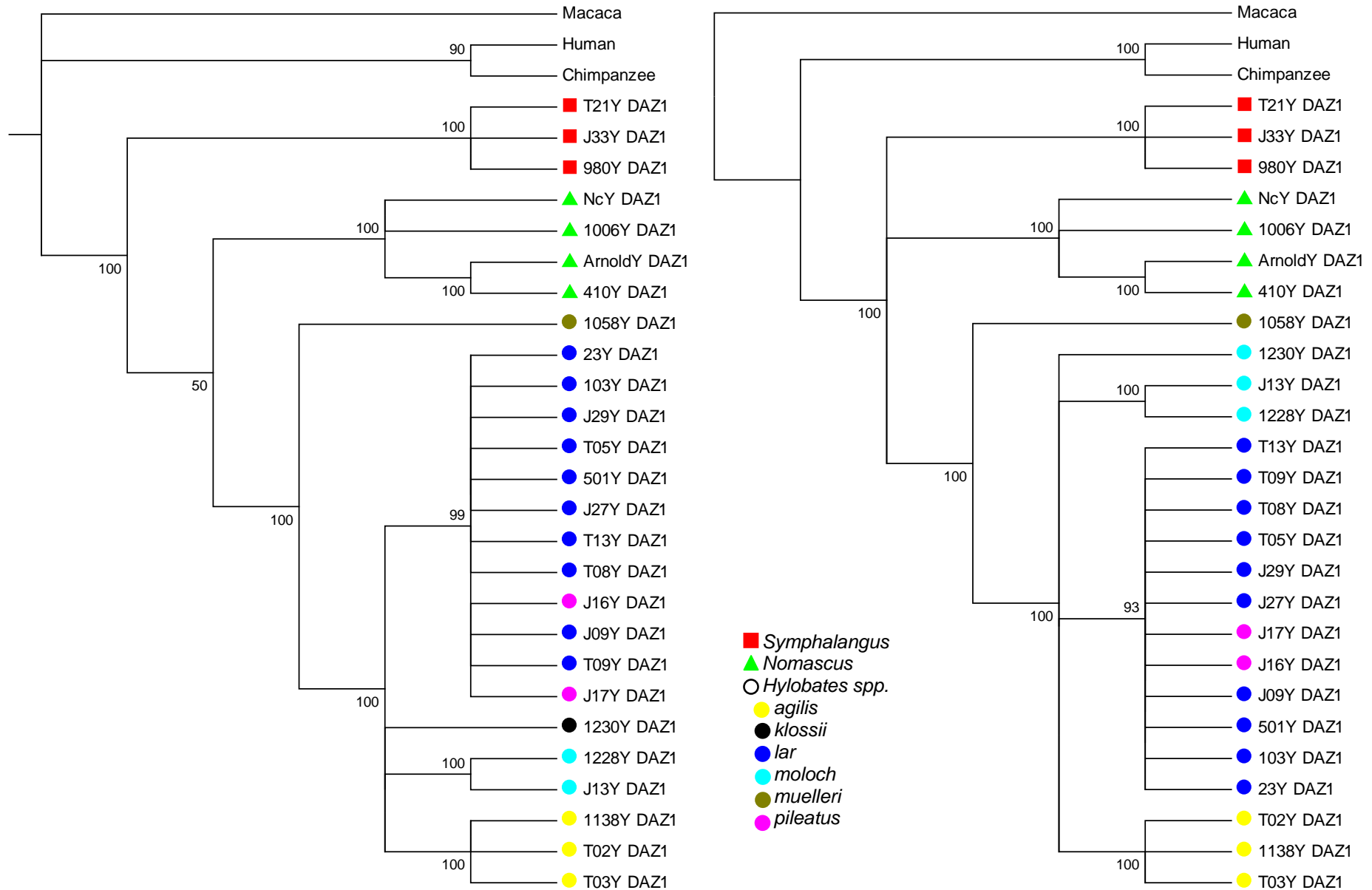


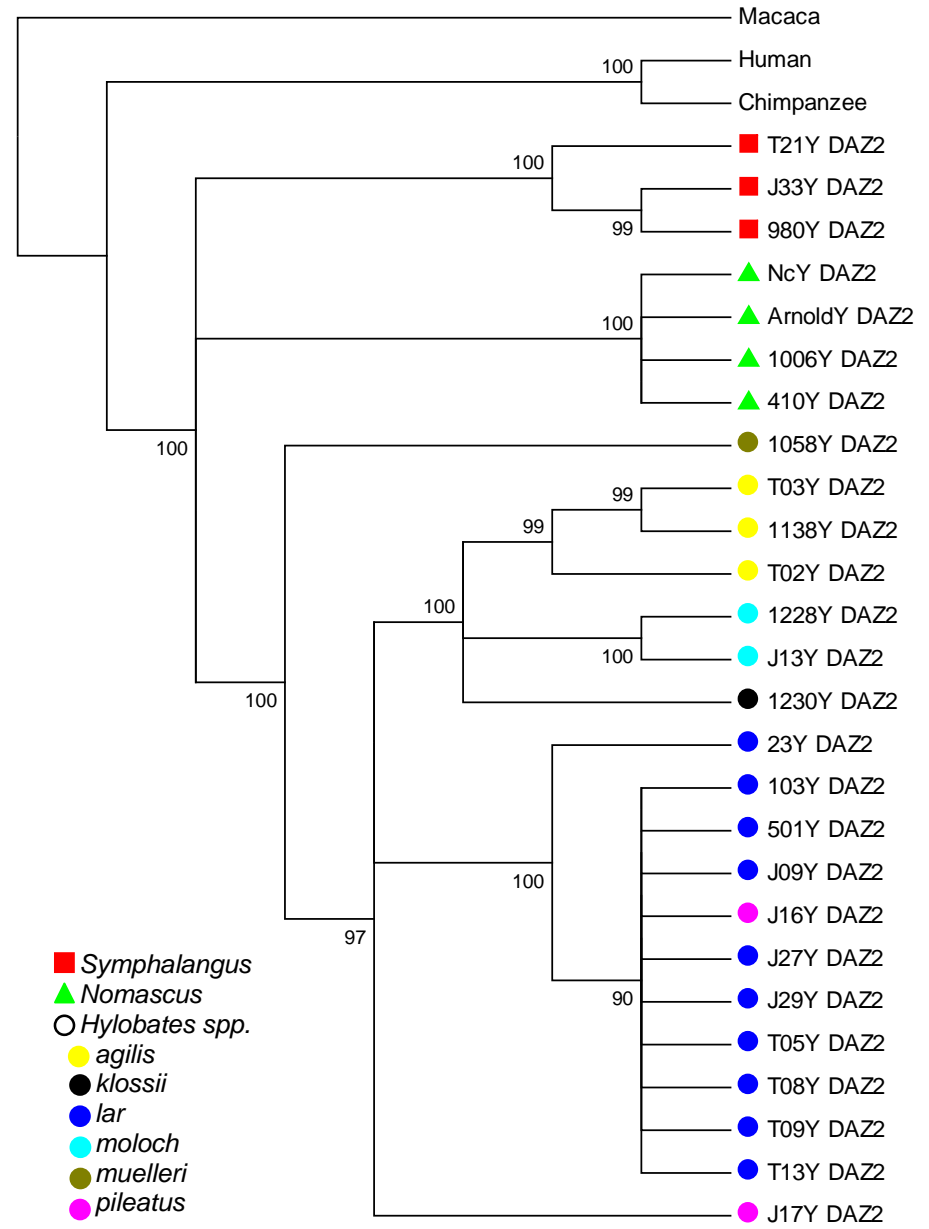
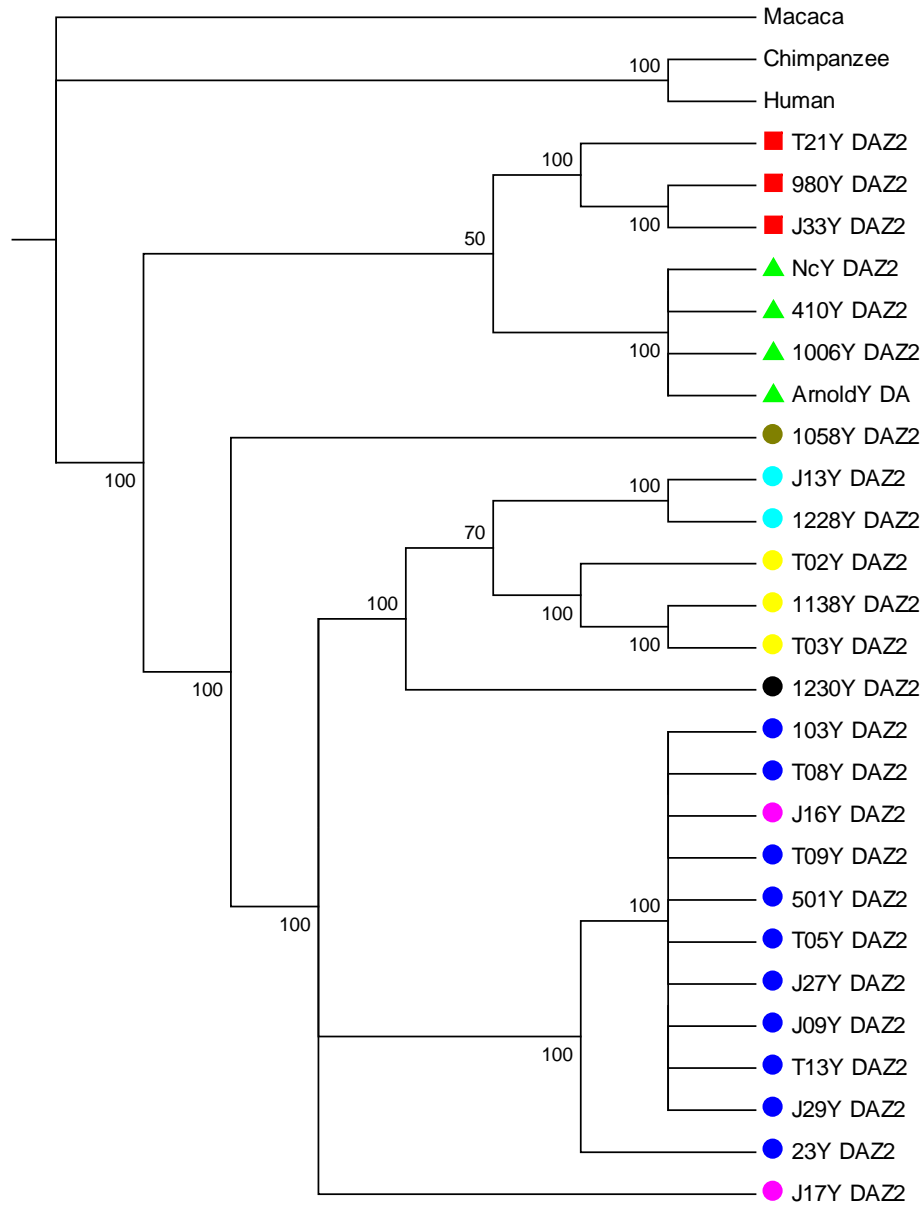
Figure S1 Phylogeny trees of individual Y chromosomal amplicons:

Maximum likelihood (ML) and Bayesian (BI) majority-rule trees of gibbon phylogenies based on the sequences from different Y chromosomal amplicons: DAZ-1, DAZ-2, DBY, RPS4Y, SMCY, TSPY and UTY. The ML trees are on the left and Bayesian trees on the right.

ML and BI trees of DAZ-1

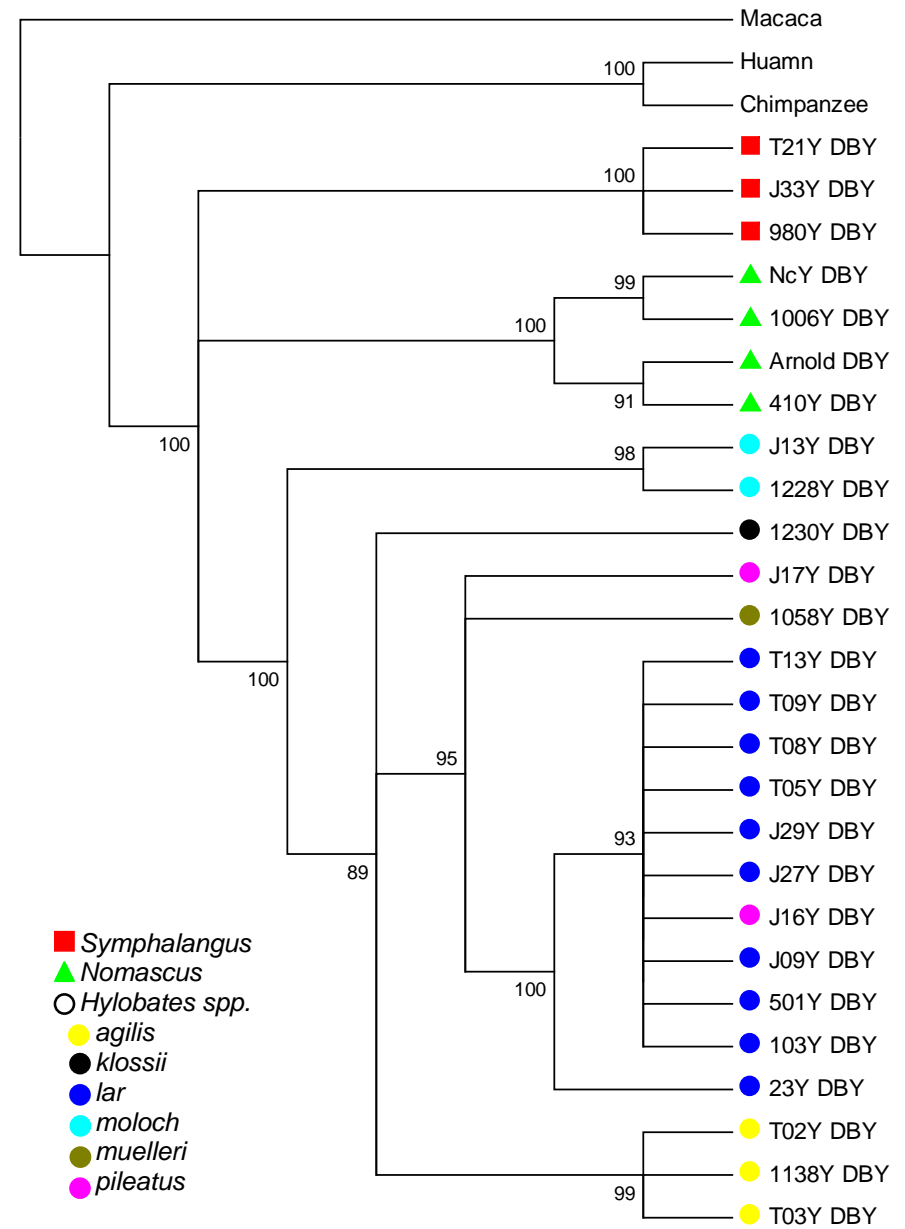
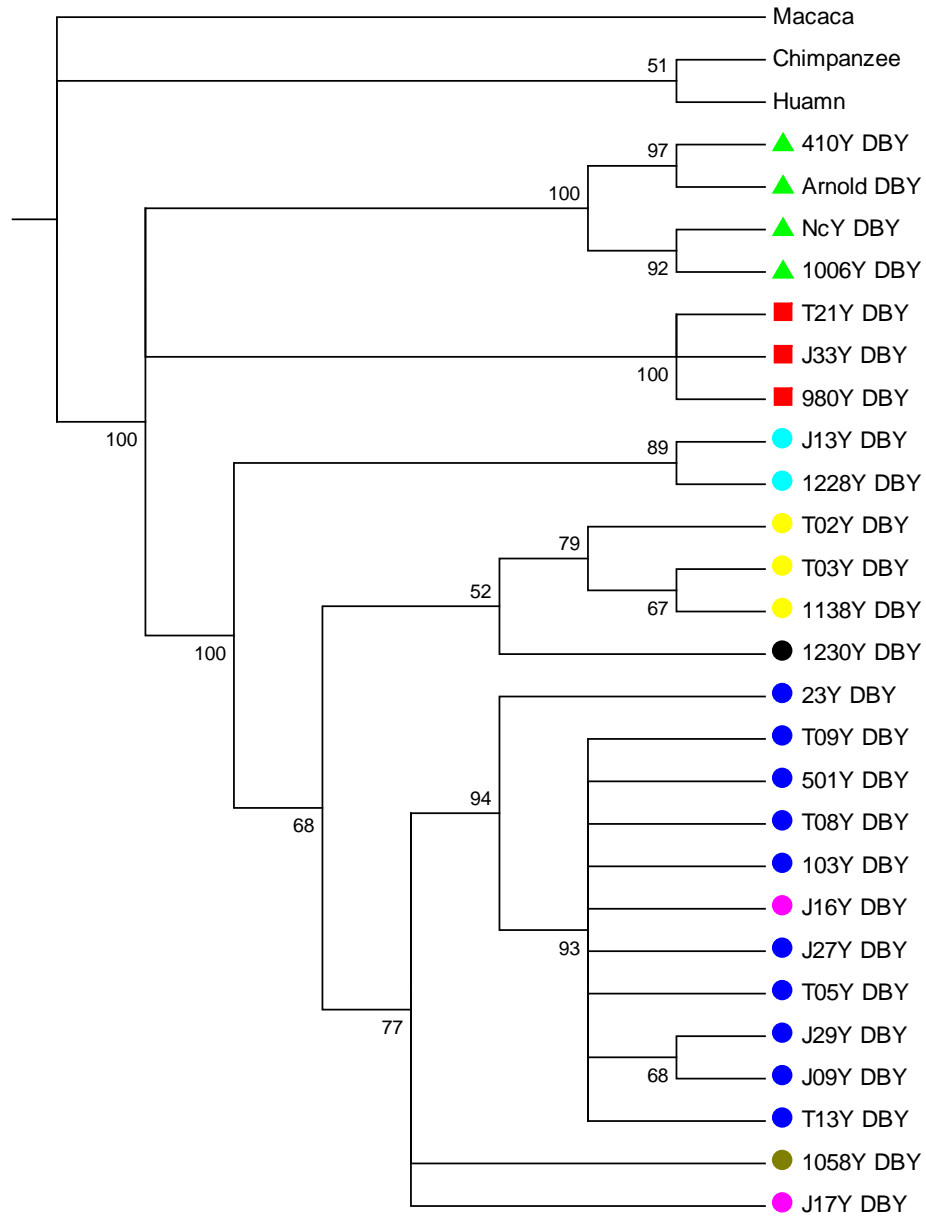


ML and BI trees of DAZ-2



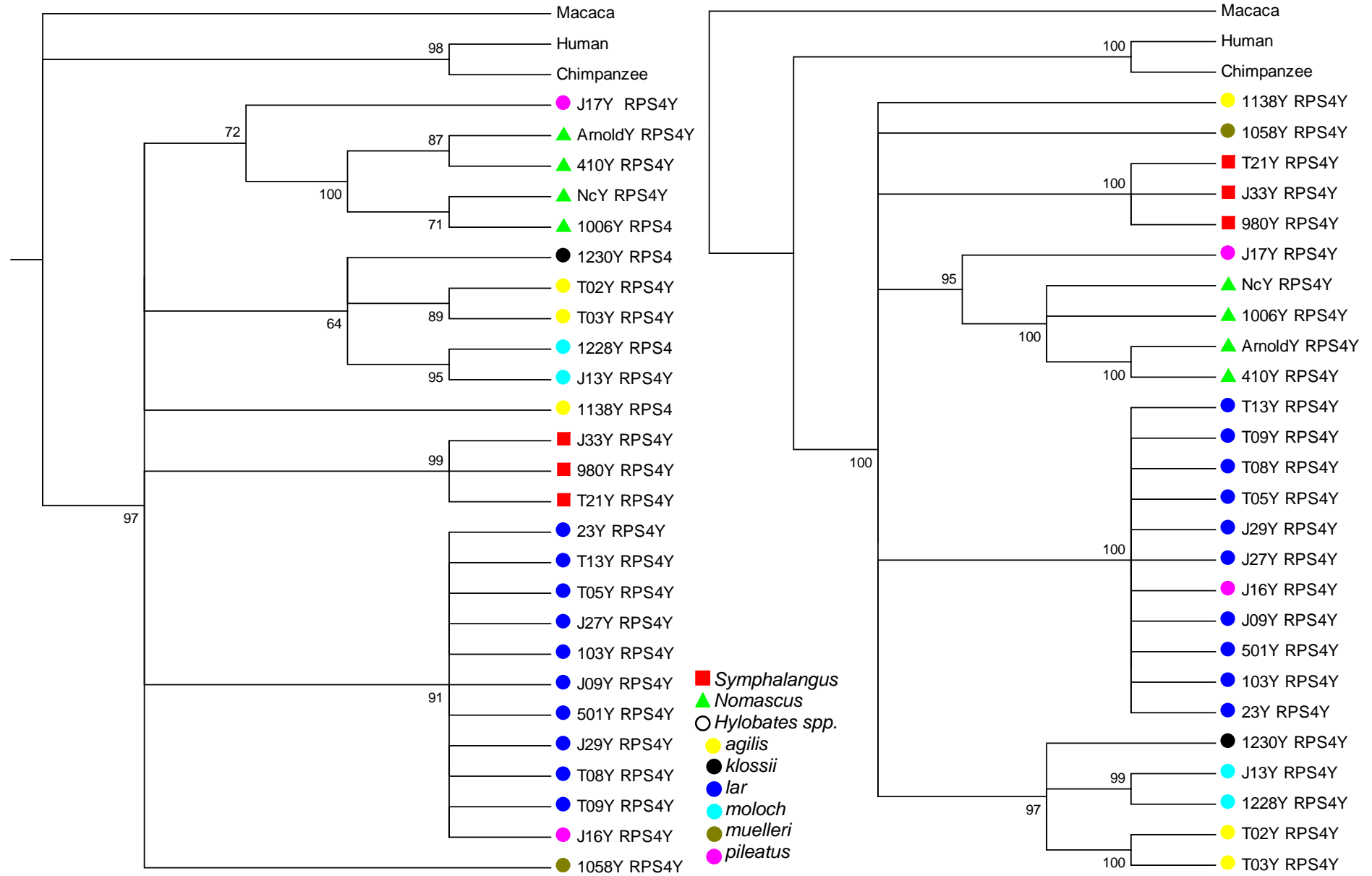
- *Symphalangus*
- ▲ *Nomascus*
- *Hylobates* spp.
- *agilis*
- *klossii*
- *lar*
- *moloch*
- *muelleri*
- *pileatus*

ML and BI trees of DBY

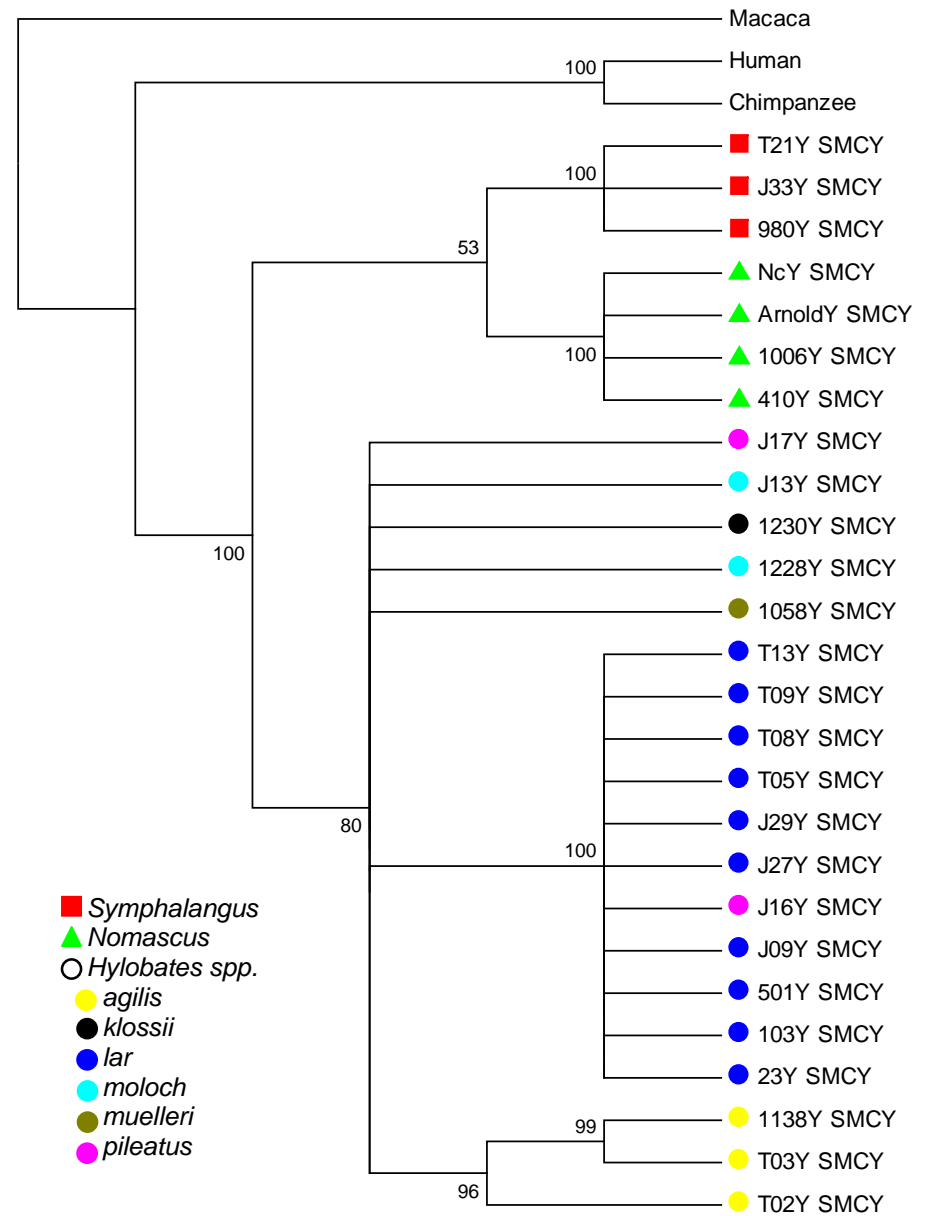
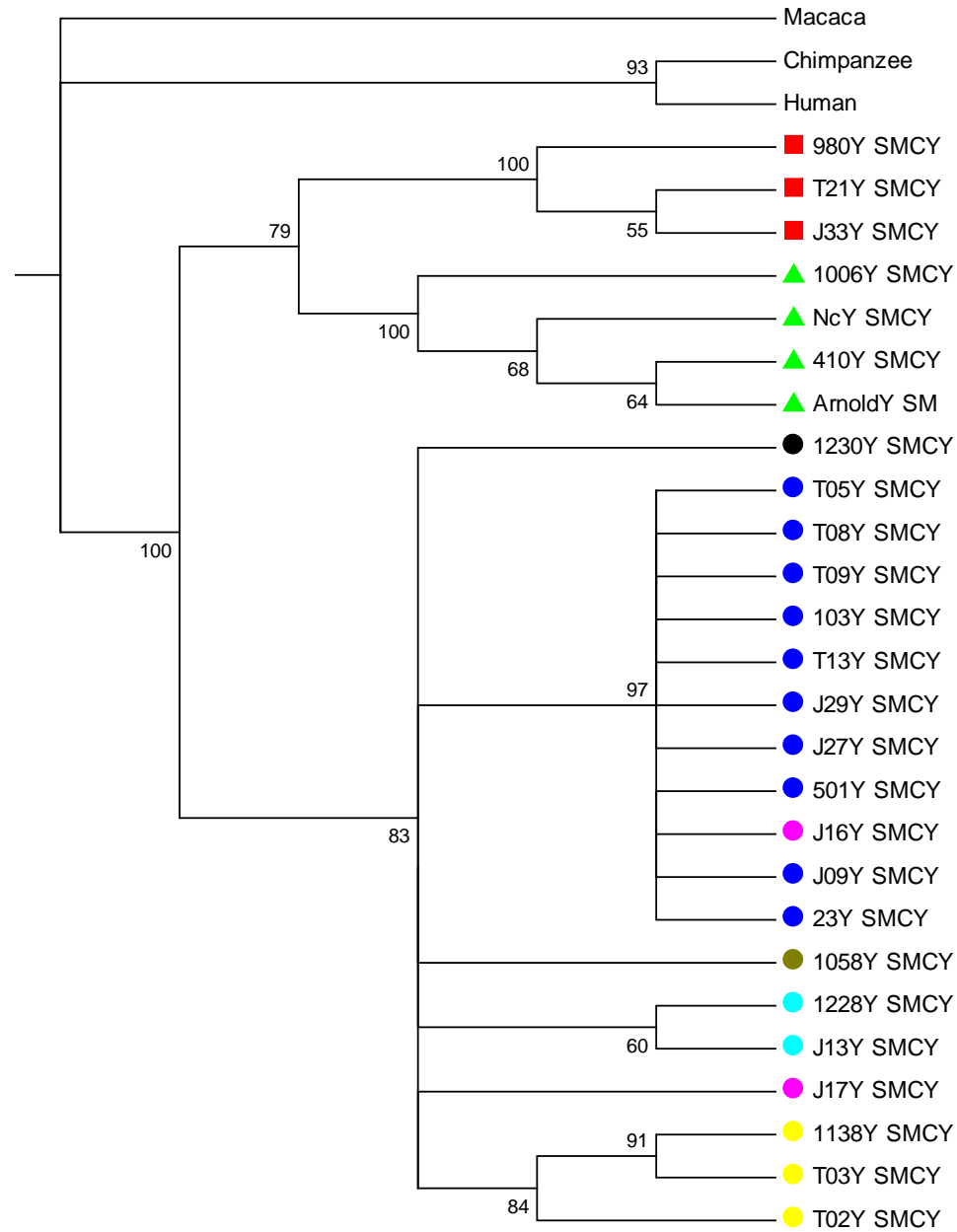


- *Symphalangus*
- ▲ *Nomascus*
- *Hylobates* spp.
- *agilis*
- *klossii*
- *lar*
- *moloch*
- *muelleri*
- *pileatus*

ML and BI trees of RPS4Y

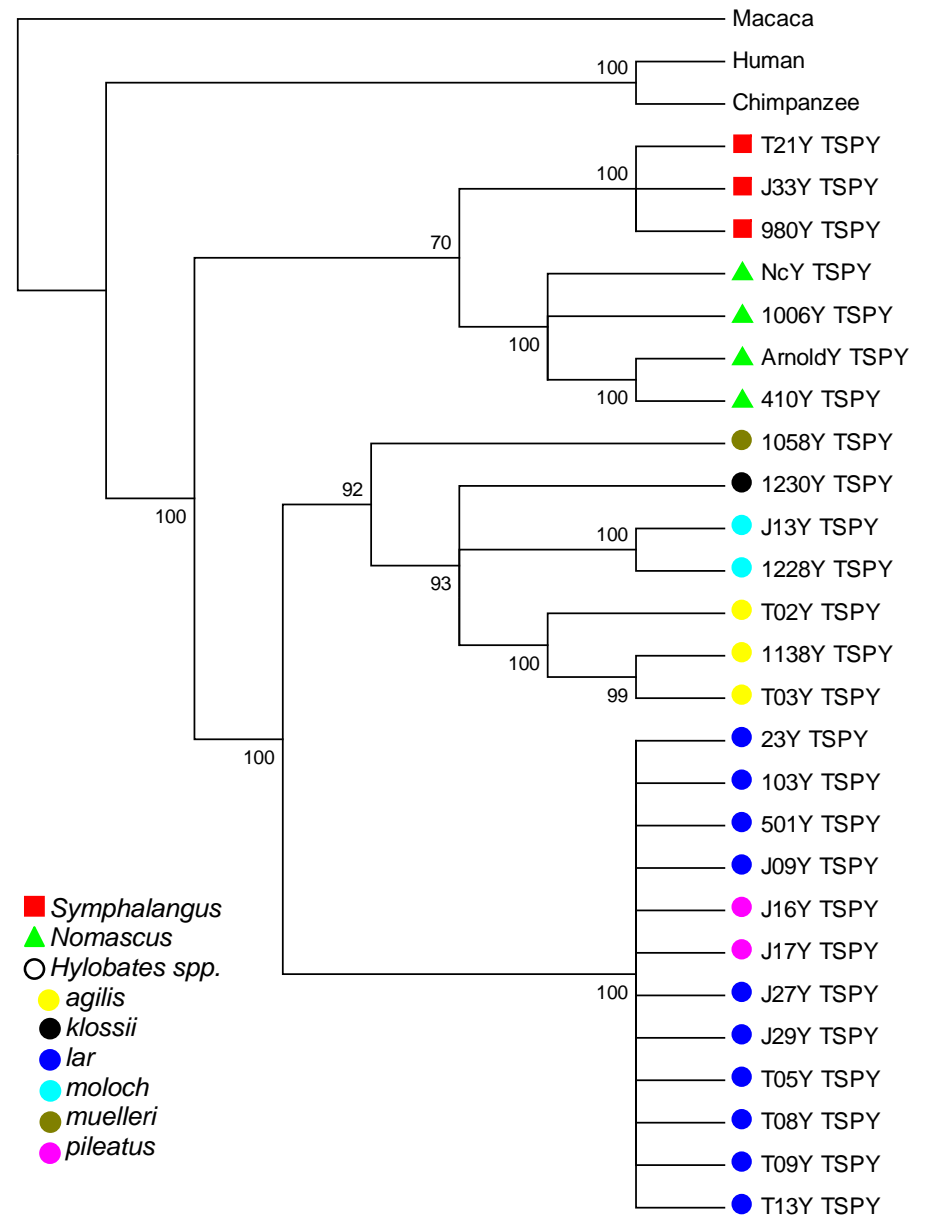
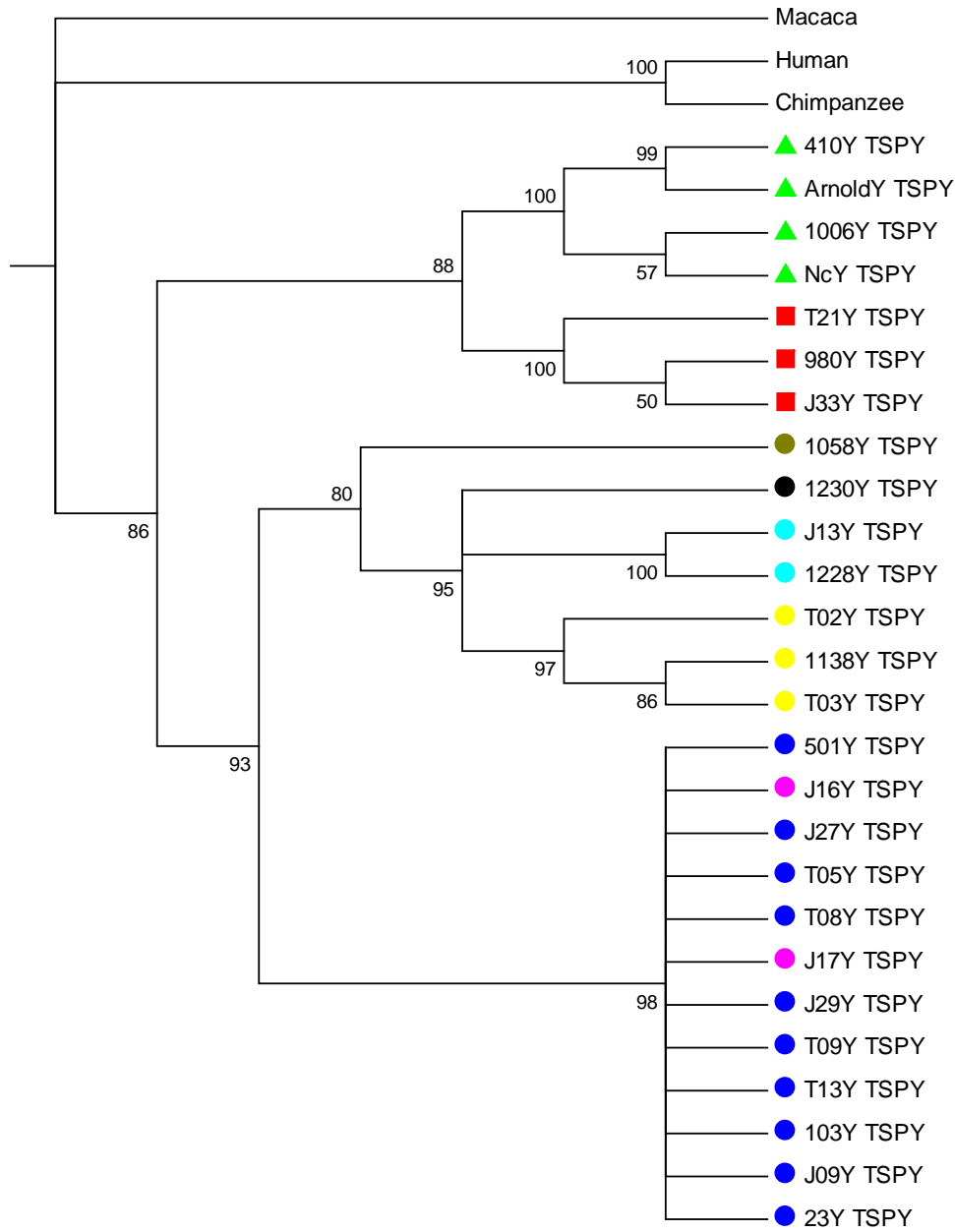


ML and BI trees of SMCY



- *Symphalangus*
- ▲ *Nomascus*
- *Hylobates* spp.
- *agilis*
- *klossii*
- *lar*
- *moloch*
- *muelleri*
- *pileatus*

ML and BI trees of TSPY



- *Symphalangus*
- ▲ *Nomascus*
- *Hylobates* spp.
- *agilis*
- *klossii*
- *lar*
- *moloch*
- *muelleri*
- *pileatus*

ML and BI trees of UTY

