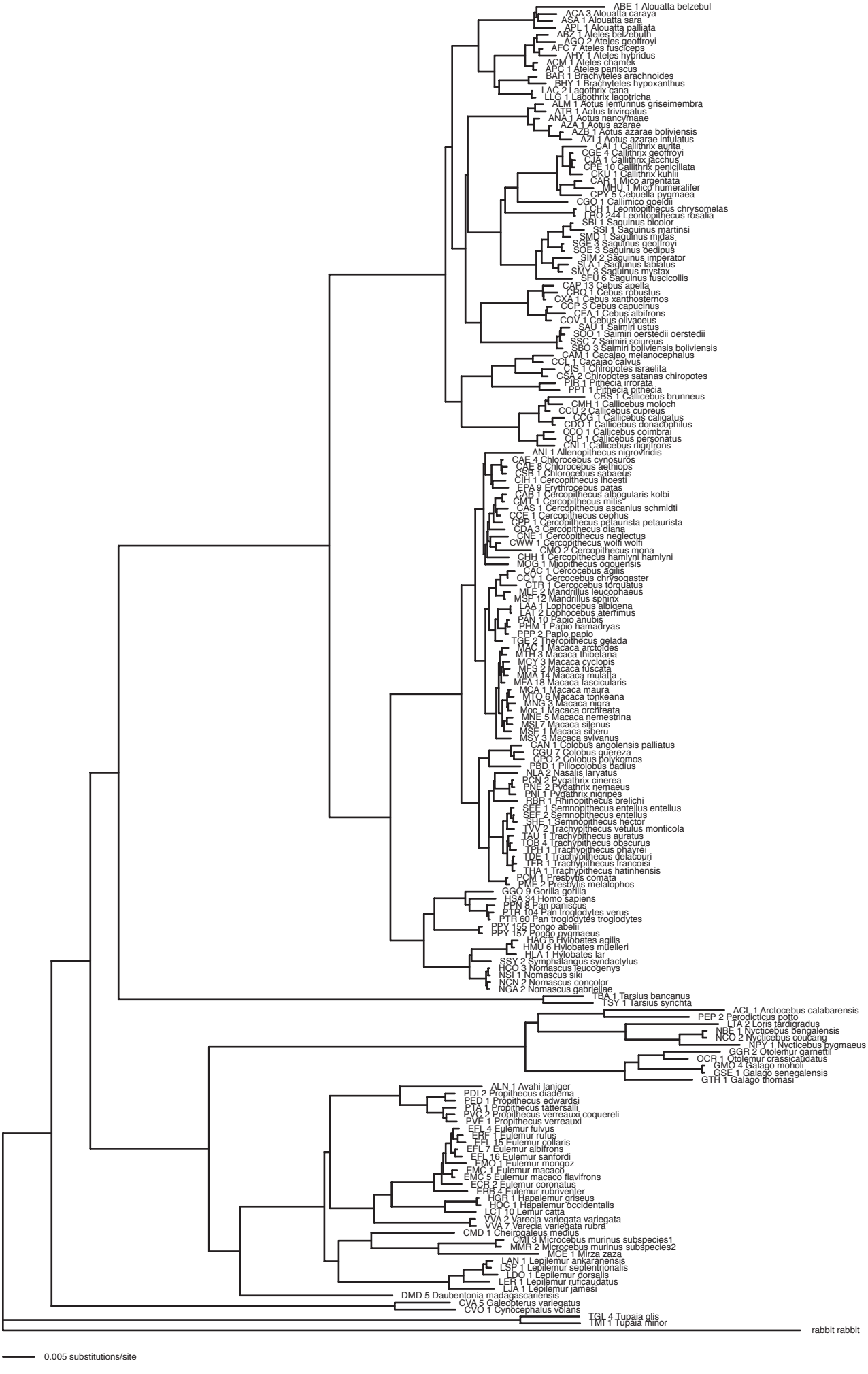ML phylogeny using autosome data partition