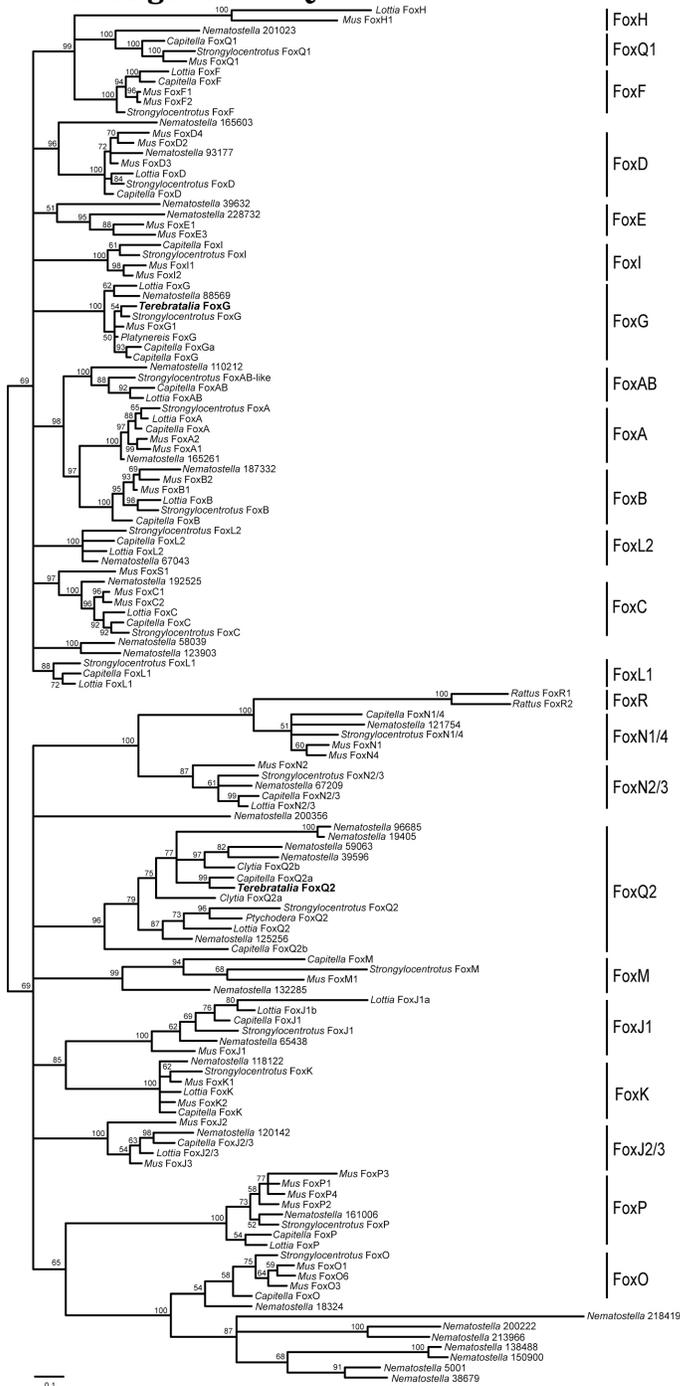


Fox Class genes: *FoxQ2* and *FoxG*



Additional File 5: Phylogenetic analysis of *Tt-FoxG* and *Tt-FoxQ2*.

Phylogram of *Tt-FoxG*, *Tt-FoxQ2*, and related Forkead box proteins, supporting the orthology assignments of *Tt-FoxG* and *Tt-FoxQ2*. Posterior probability for the *FoxG* clade, including *Tt-FoxG*, is 100 percent. Posterior probability for the *FoxQ2* clade, including *Tt-FoxQ2*, is 94 percent. The phylogram is a consensus of the last 2,000,000 generations from a Bayesian likelihood analysis with four independent runs of 20,000,000 generations each.