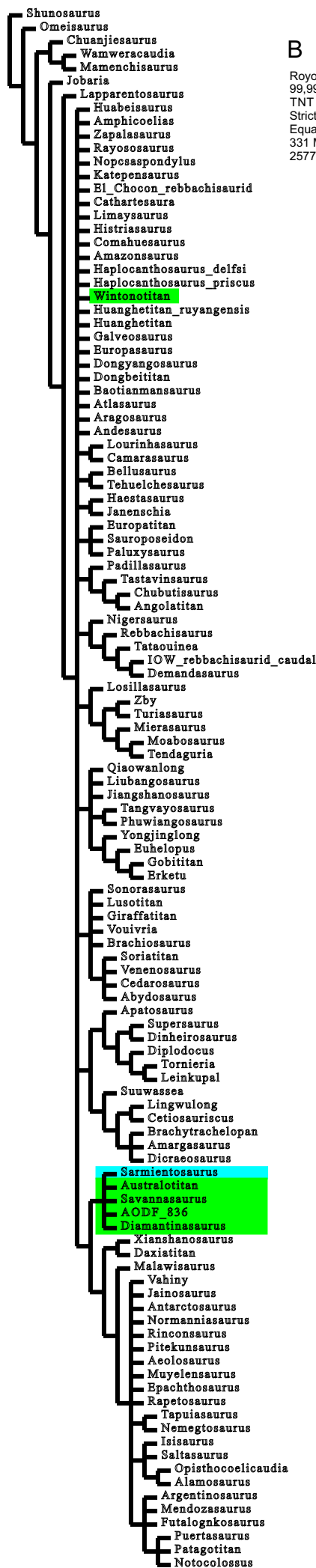


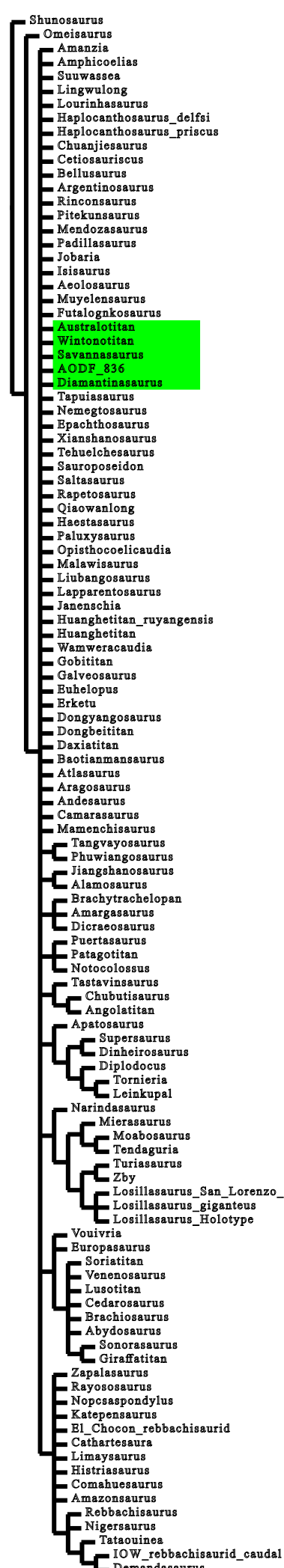
A

Poropat et al. (2021) Dataset  
99,999 Max Trees  
TNT stabilise consensus 5 x  
Strict Consensus Tree  
Equal Weights  
101 MPTs  
2661 steps



B

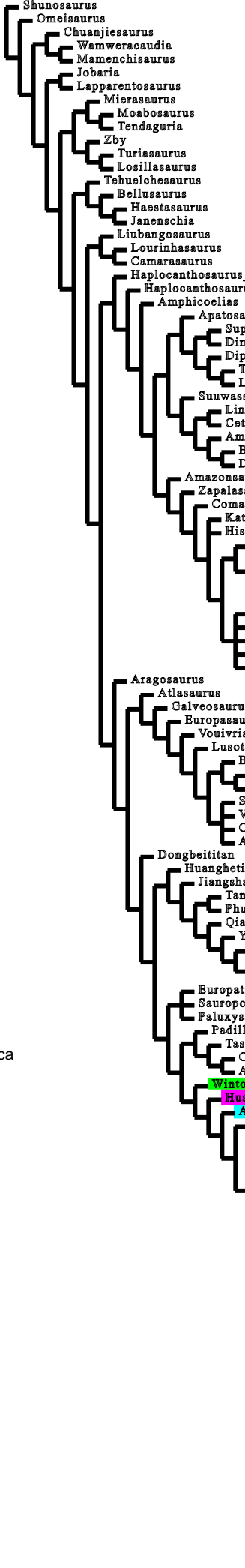
Royo-Torres et al. (2021) Dataset  
99,999 Max Trees  
TNT stabilise consensus 5 x  
Strict Consensus Tree  
Equal Weights  
331 MPTs  
2577 steps



- Australia
- South America
- Asia

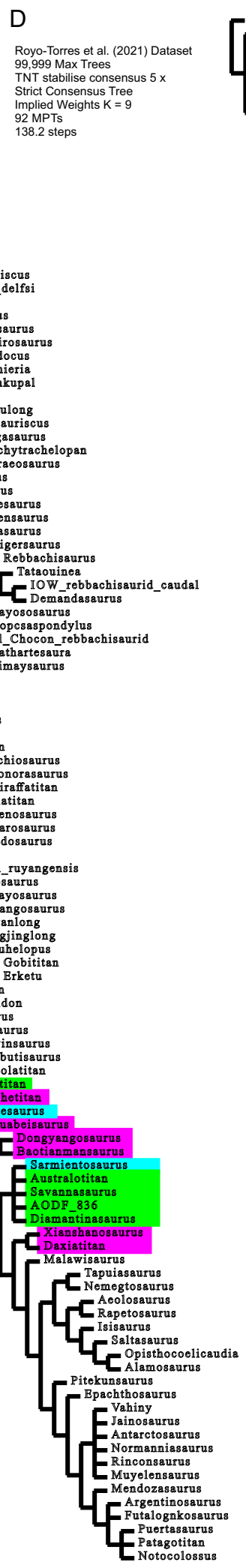
C

Poropat et al. (2021) Dataset  
99,999 Max Trees  
TNT stabilise consensus 5 x  
Strict Consensus Tree  
Implied Weights K = 9  
70 MPTs  
134.91 steps



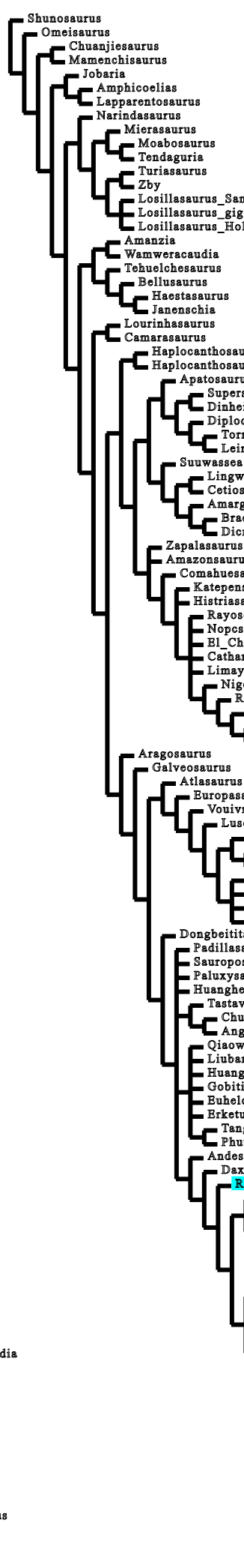
D

Royo-Torres et al. (2021) Dataset  
99,999 Max Trees  
TNT stabilise consensus 5 x  
Strict Consensus Tree  
Implied Weights K = 9  
92 MPTs  
138.2 steps



E

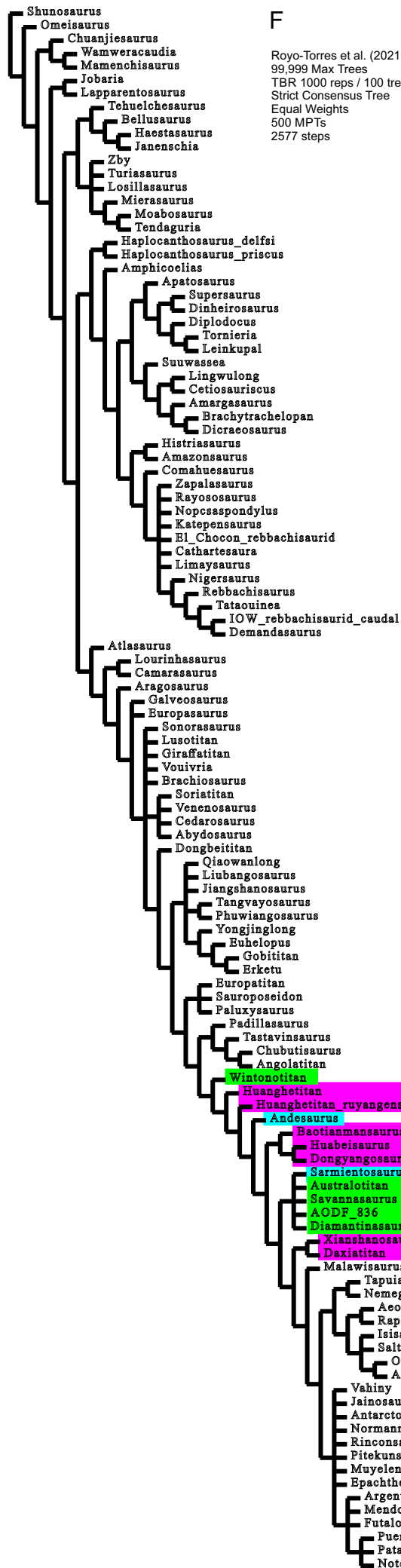
Shunosaurus  
Omeisaurus  
Chuanjiesaurus  
Mamenchisaurus  
Jobaria  
Amphicoelias  
Lapparentosaurus  
Narindasaurus  
Mierasaurus  
Moabosaurus  
Tendaguria  
Turiasaurus  
Zby  
Losillasaurus\_San\_Lorenzo\_  
Losillasaurus\_giganteus  
Losillasaurus\_Holotype  
Amanzia  
Wamweracaudia  
Tehuelchesaurus  
Bellusaurus  
Haestasaurus  
Janenschia  
Lourinhasaurus  
Camarasaurus  
Haplocanthosaurus\_delfsi  
Haplocanthosaurus\_priscus  
Apatosaurus  
Supersaurus  
Dinheirosaurus  
Diplodocus  
Tornieria  
Leinkupal  
Suuwassea  
Lingwulong  
Cetiosauriscus  
Amargasaurus  
Brachytrachelopan  
Dicraeosaurus  
Amazonasaurus  
Zapalasaurus  
Comahuesaurus  
Katepensaurus  
Histriasaurus  
Nigersaurus  
Rebbachisaurus  
Tataouinea  
IOW\_rebbachisaurid\_caudal  
Demandasaurus  
Rayososaurus  
Nopcsaspondylus  
El\_Chocon\_rebbachisaurid  
Cathartesaura  
Limaysaurus  
Aragosaurus  
Atlasaurus  
Galveosaurus  
Europasaurus  
Vouivria  
Lusotitan  
Brachiosaurus  
Sonorasaurus  
Giraffatitan  
Soriatitan  
Venenosaurus  
Cedarosaurus  
Abydosaurus  
Dongbeititan  
Huanghetitan\_ruyangensis  
Jiangshanosaurus  
Tangvayosaurus  
Phuwangosaurus  
Qiaowanlong  
Yongjinglong  
Euhelopus  
Gobititan  
Erketu  
Europatitan  
Sauroposeidon  
Paluxysaurus  
Padillasaurus  
Tastavinsaurus  
Chubutisaurus  
Angolatitan  
Wintonotitan  
Huanghetitan  
Andesaurus  
Huabeisaurus  
Dongyangosaurus  
Baotianmansaurus  
Sarmientosaurus  
Australotitan  
Savannasaurus  
AODF\_836  
Diamantinasaurus  
Xianshanosaurus  
Daxiatitan  
Malawisaurus  
Tapuiasaurus  
Nemegtosaurus  
Acolosaurus  
Rapetosaurus  
Isisaurus  
Saltasaurus  
Opisthocoelicaudia  
Alamosaurus  
Pitekunsaurus  
Epachthosaurus  
Vahiny  
Jainosaurus  
Antarctosaurus  
Normanniasaurus  
Rinconosaurus  
Muyelensaurus  
Mendozasaurus  
Argentinosaurus  
Futalognkosaurus  
Fuertasaurus  
Patagotitan  
Notocolossus  
Xianshanosaurus



- Australia
- South America
- Asia

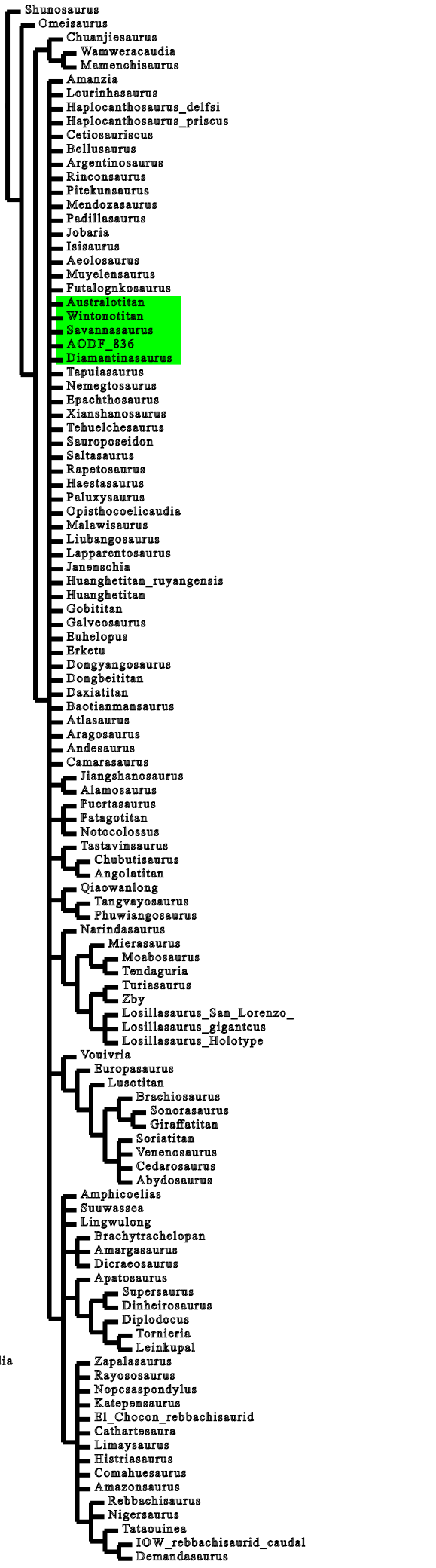
E

Poropat et al. (2021) Dataset  
99,999 Max Trees  
TBR 1000 reps / 100 trees per rep  
Strict Consensus Tree  
Equal Weights  
100 MPTs  
2662 steps



F

Royo-Torres et al. (2021) Dataset  
99,999 Max Trees  
TBR 1000 reps / 100 trees per rep  
Strict Consensus Tree  
Equal Weights  
500 MPTs  
2577 steps



- Australia
- South America
- Asia

G

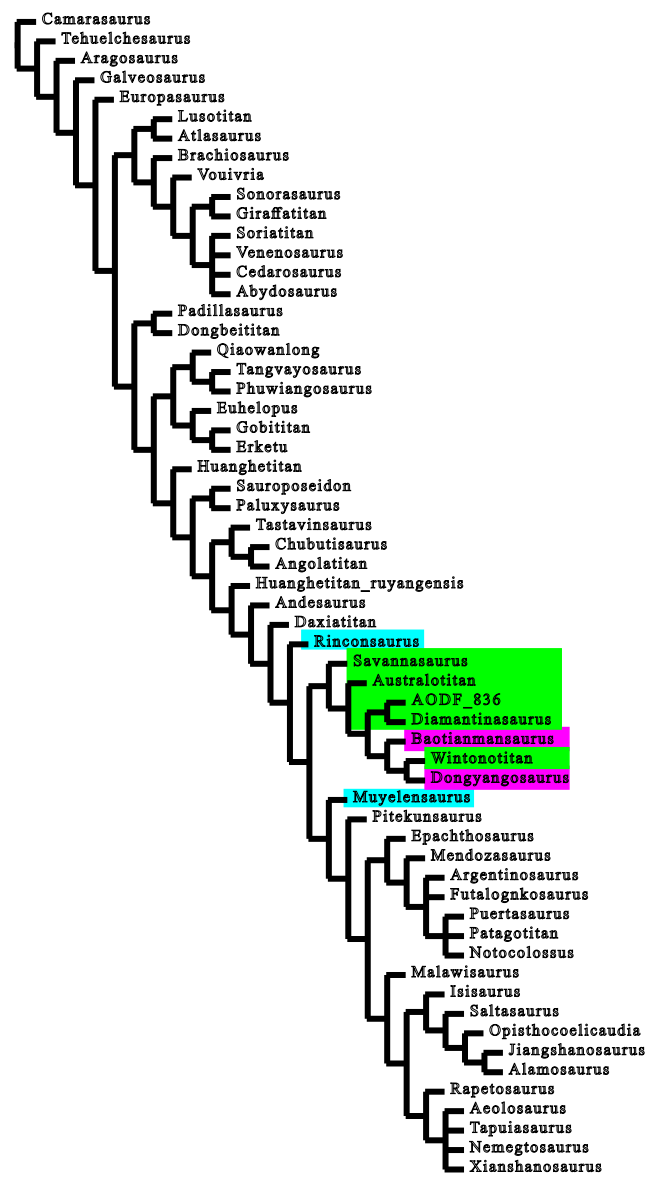
Poropat et al. (2021) Dataset  
Macronaria Only  
99,999 Max Trees  
TBR 1000 reps / 100 trees per rep  
Strict Consensus Tree  
Implied Weights K = 9  
15 MPTs  
74.08 steps

H

Royo-Torres et al. (2021) Dataset  
Macronaria Only  
99,999 Max Trees  
TBR 1000 reps / 100 trees per rep  
Strict Consensus Tree  
Implied Weights K = 9  
3 MPTs  
70.95 steps

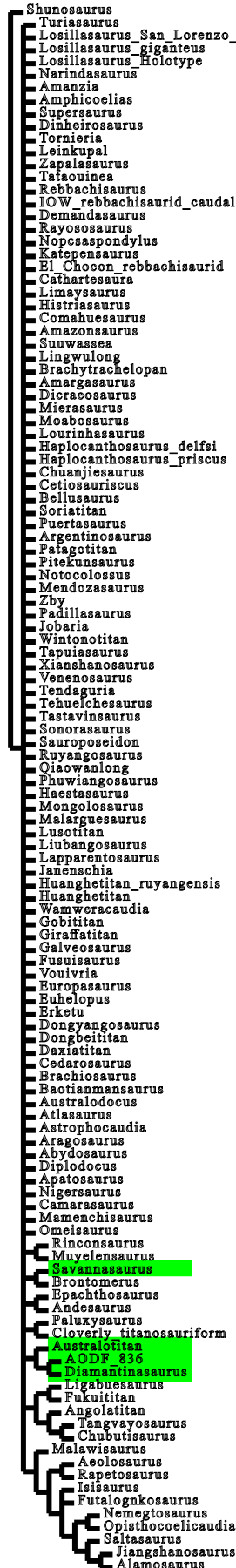
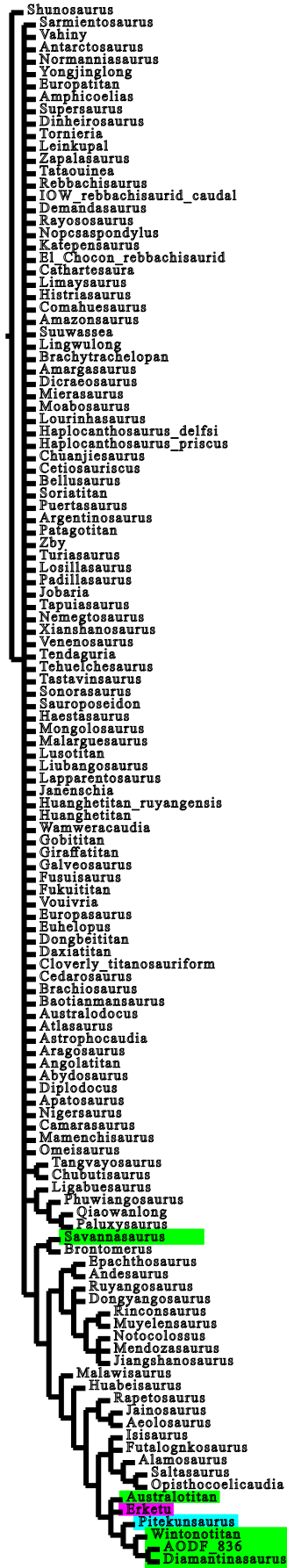


■ Australia  
■ South America  
■ Asia



Poropat et al. (2021) Dataset  
 Appendicular Only  
 99,999 Max Trees  
 TBR 1000 reps / 100 trees per rep  
 Strict Consensus Tree  
 Implied Weights K = 9  
 100 MPTs  
 55.06 steps

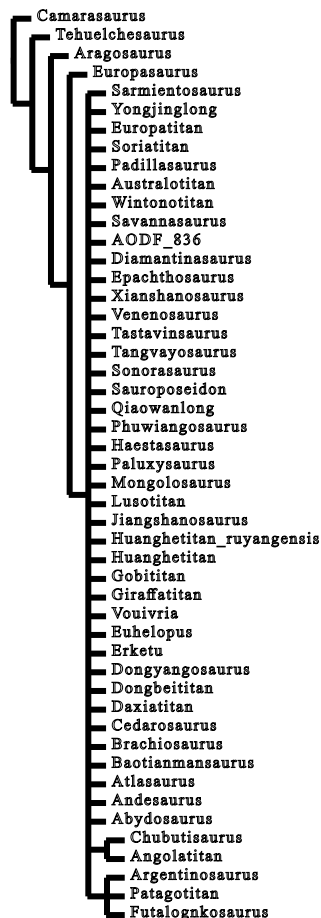
Royo-Torres et al. (2021) Dataset  
 Appendicular Only  
 99,999 Max Trees  
 TBR 1000 reps / 100 trees per rep  
 Strict Consensus Tree  
 Implied Weights K = 9  
 100 MPTs  
 54.54 steps



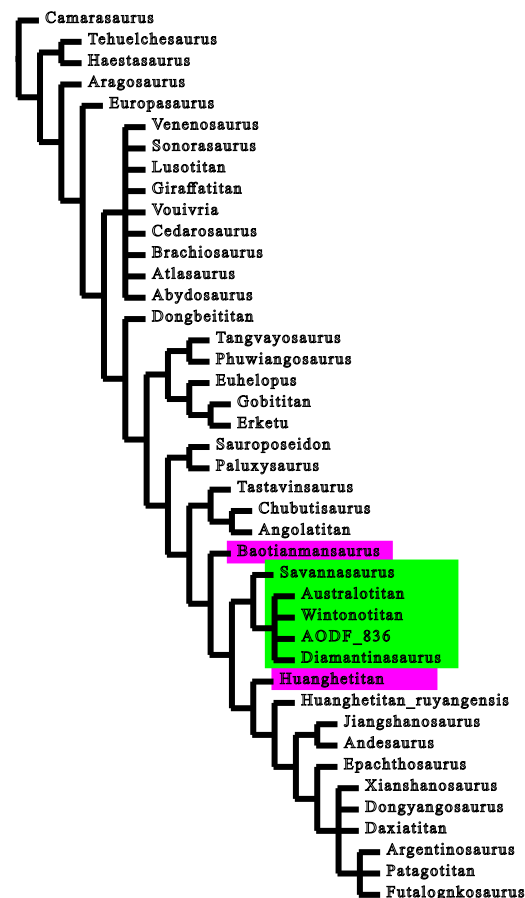
Australia  
 South America  
 Asia

**K**

Poropat et al. (2021) Dataset  
 Younger than Turonian excluded  
 99,999 Max Trees  
 TBR 1000 reps / 100 trees per rep  
 Strict Consensus Tree  
 Equal Weights  
 2900 MPTs  
 970 steps

**L**

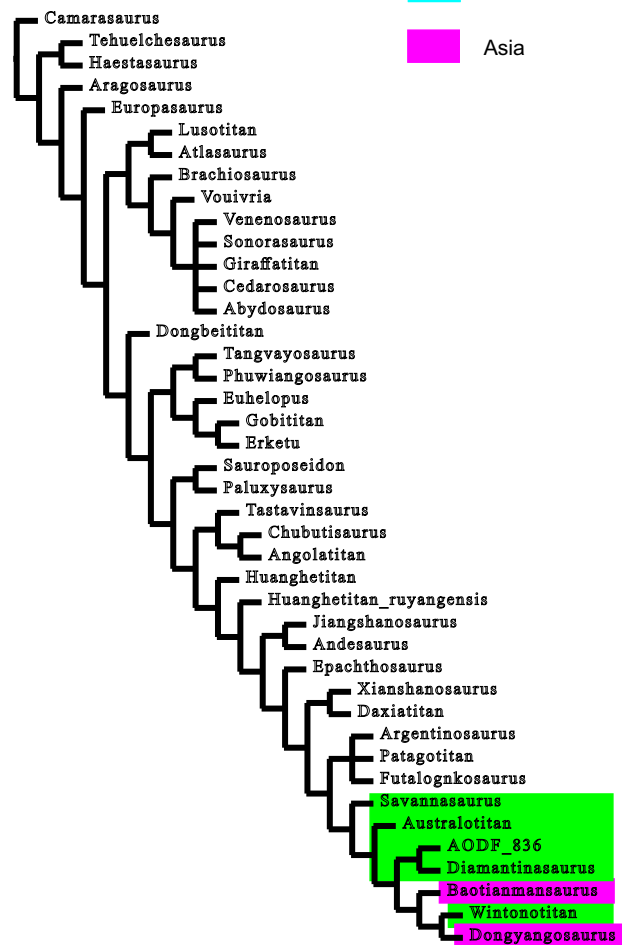
Royo-Torres et al. (2021) Dataset  
 Younger than Turonian excluded  
 99,999 Max Trees  
 TBR 1000 reps / 100 trees per rep  
 Strict Consensus Tree  
 Equal Weights  
 40 MPTs  
 878 steps

**M**

Poropat et al (2021) Dataset  
 Younger than Turonian excluded  
 99,999 Max Trees  
 TBR 1000 reps / 100 trees per rep  
 Strict Consensus Tree  
 Implied Weights K = 9  
 7 MPTs  
 48.02 steps

**N**

Royo-Torres et al. (2021) Dataset  
 Younger than Turonian excluded  
 99,999 Max Trees  
 TBR 1000 reps / 100 trees per rep  
 Strict Consensus Tree  
 Implied Weights K = 9  
 5 MPTs  
 42,018 steps



Australia  
 South America  
 Asia