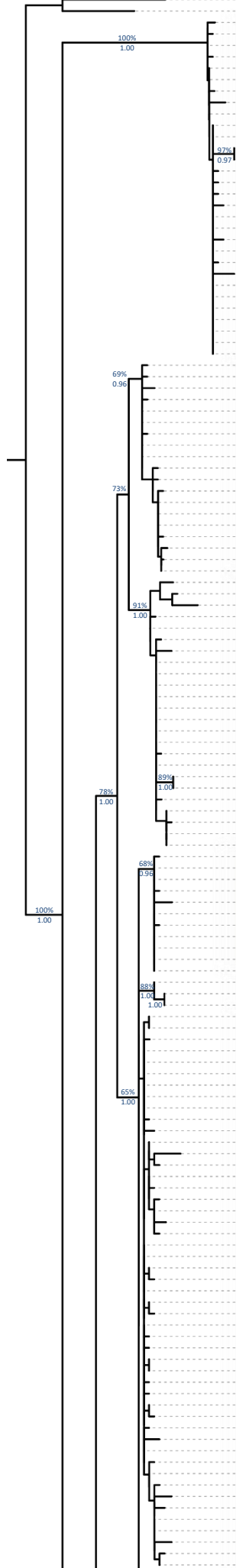


Tree scale: 0.01



G. mbrekobenum KU000896/NR 147647 (2): Ghana
G. applanatum MG706213 (58): Asia, Europe, N. America ●
uncultured fungus MF942545
G. williamsianum MG279168
G. williamsianum KU219995 (4): China, Malaysia
G. australe KJ654443: Indonesia
G. australe LC084696: Malaysia
G. australe LC084680: Malaysia
G. australe LC084727: Malaysia
G. cf. australe JN596327: Malaysia
G. cf. australe JN596326: Malaysia
***G. australe* KJ654366 (2)**
G. australe KJ654398: Indonesia
G. williamsianum MH071336
G. australe MK345429: Thailand
G. australe LC084726: Malaysia
***G. australe* KJ654441 (2)** ●
G. williamsianum MN398323: Myanmar
G. australe LC084721: Malaysia
G. australe LC084661: Malaysia
G. australe KJ654368: Indonesia
***G. australe* cplx AF255146 (2): Thailand**
G. australe LC084742: Malaysia
G. australe LC084667: Malaysia
G. australe KJ654403: Indonesia
G. australe LC084691: Malaysia
G. australe KJ654370: Indonesia
G. australe KJ654369: Indonesia
***G. williamsianum* MG279168 (5): Thailand**
G. williamsianum KU219994: China
***G. australe* KJ654371 (3)**
G. australe KJ654399: Indonesia
G. applanatum cplx AF255141: French Guiana
G. applanatum cplx AF255138: Costa Rica
Ganoderma sp. JX082353: French Guiana
G. lobatum MT232631: Mexico
***G. applanatum* cplx AF255130 (5): Ecuador, Peru, USA** ●
G. tornatum JQ514110: Brazil
G. applanatum cplx AF255134: Costa Rica
G. tornatum JQ514109: Brazil
G. tornatum JQ514107: Brazil
G. applanatum cplx AF255137: Costa Rica
***G. applanatum* cplx AF255136: Costa Rica**
G. gibbosum KU569529: Columbia ●
***G. tornatum* JQ514108: Brazil**
G. applanatum cplx AF255140: Costa Rica
G. tornatum MT232633: Mexico
Ganoderma sp. AF255135: Costa Rica
Ganoderma sp. JX082354: French Guiana
G. tornatum KU948517
***G. tornatum* KU948516**
Ganoderma sp. LT726723: Cuba
***Ganoderma* sp. LT726724 (2): Cuba**
***Ganoderma* sp. LT726721 (2): Cuba**
G. applanatum cplx AF255133: Puerto Rico
G. lobatum KF605676
G. lobatum KF605677
Ganoderma sp. HM192933: Colombia ●
G. tornatum AH008101: Brazil ▲
G. tornatum JQ514104: Brazil
G. australe JQ514103: Brazil
G. australe JQ514105: Brazil
G. tornatum JQ514106: Brazil
***G. gibbosum* KU569535 (11): Brazil** ●
G. tornatum JQ514102: Brazil
G. australe KU315203: Brazil
G. gibbosum KU569556: Brazil
G. tornatum MF347411: Argentina
G. gibbosum KU569537: Brazil
G. gibbosum KU569547: Brazil ●
G. applanatum cplx AF255131/2: USA
***G. lobatum* KF605671**
G. lobatum KF605670
***G. lobatum* KF605673 (2)**
G. lobatum KF605674
Ganoderma sp. KM229659: India ●
***Ganoderma* sp. KM229673: India** ▲
Ganoderma sp. KM229634: India ●
Ganoderma sp. KM229636: India ▲
G. australe AY968692/AY993913: India ●
***G. australe* AY993920/1: India** ●
Ganoderma sp. KM229638: India ●
***G. gibbosum* JN655531 (36): India** ● ● ▲
Ganoderma sp. KM229666: India
Ganoderma sp. KM229674: India ●
Ganoderma sp. KM229645: India ●
***Ganoderma* sp. MG020265: S. Africa** ●
***G. eickeri* MH571690/ NR 165524 (2): S. Africa** ●
***Ganoderma* sp. MG020264: S. Africa** ●
G. australe cplx AF255112/3: Taiwan
G. australe JX195199: China
G. applanatum KM609399
G. gibbosum MN523326: China
Ganoderma sp. MH507186
G. lucidum AF506372
***G. gibbosum* KY364259 (46): South and East Asia** ● ▲
G. australe cplx AF255108/9: Taiwan
G. australe AF255106/7: Taiwan
G. applanatum KM249935: China
G. gibbosum MH035683
Ganoderma sp. HQ891299
G. gibbosum MK370672
G. gibbosum EU918695
G. gibbosum AY593857: China
***G. australe* GU213474 (2): China**
G. gibbosum MK345434: Thailand
***G. gibbosum* MH106880 (4): China**
G. australe IG1 AF255110/1: Taiwan
G. applanatum MK268927: China
Ganoderma sp. MK605939: Taiwan
G. applanatum MN294853: Korea
***G. applanatum* GU213473 (5): China**
G. applanatum MG657362: China
G. gibbosum X78741/X78762: China
G. gibbosum AY593854: China
G. gibbosum KR673513: Korea
G. australe cplx AF255105: Japan
G. applanatum MK809458: China
G. gibbosum AY593855: China
G. lingzhi MK343538: China
G. gibbosum KX879638
G. applanatum JN008873
G. gibbosum MH035687
G. applanatum GU213472
G. applanatum MG657360: China
G. gibbosum EU326218
Fuscoporia viticola MG231526
G. applanatum MN238821: China ●
G. applanatum KF494999
***G. gibbosum* EU273514 (2)**
G. gibbosum KI195663: China
G. australe X78750/X78771: Taiwan
G. gibbosum EU273555
***G. applanatum* MG657361 (2): China**
G. gibbosum MK345436: Laos
G. applanatum MN238820: China ●
***G. gibbosum* MH035684 (2)**
***G. applanatum* AF255114 (2): China, S. Korea**

G. williamsianum

Ganoderma sp. E1

Ganoderma sp. E2

G. aff. gibbosum

G. eickeri

G. gibbosum

Cluster E.1

Cluster E.2

CLADE E

