

Tree scale: 1

UFBootstrap

- 95
- 96.25
- 97.5
- 98.75
- 100

Ancestral 2-OGD
clades

GSLOH / D4H

Arabidopsis thaliana GSLOH
Catharanthus roseus D4H
Zea mays BX6
Afi v2 s2566G000020.2
Azfi s0030.g024269
Afi v2 s1217G000010.1
Azfi s0030.g024267
Afi v2 s2566G000030.2
Afi v2 s2566G000030.2
Azfi s0003.g007795
Afi v2 s17G001390.9
Azfi s0427.g069291
Afi v2 s6G002880.2
Azfi s0092.g043107
Afi v2 s8G001930.1
Afi v2 s102G000110.1
Arabidopsis thaliana F6H1
Arabidopsis thaliana F6H2
Citrus limetta C2H
Ipomoea batatas F6H1

F6H

S3H

H6H / IDS

Arabidopsis thaliana S3H
Anisodus acutangulus H6H
Anisodus tanguticus H6H
Atriplex metelii H6H
Brugmansia candida H6H
Hyoscyamus niger H6H
Hordeum vulgare IDS3
Hordeum vulgare IDS2
Papaver somniferum COD
Papaver somniferum T6OD

COD / NCS

Copris japonica NCS

GA20ox

GA3ox

GA2ox7-8

GA2ox1-6

ACO

F3H

FNS

JOX

ANS

FLS

