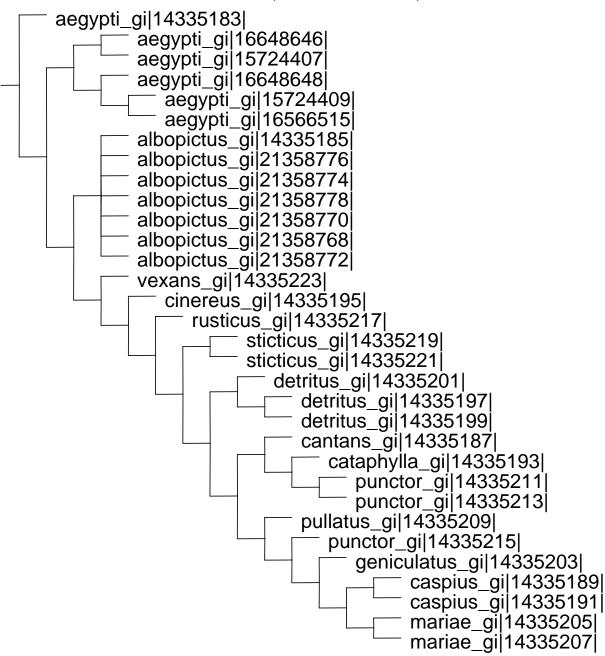
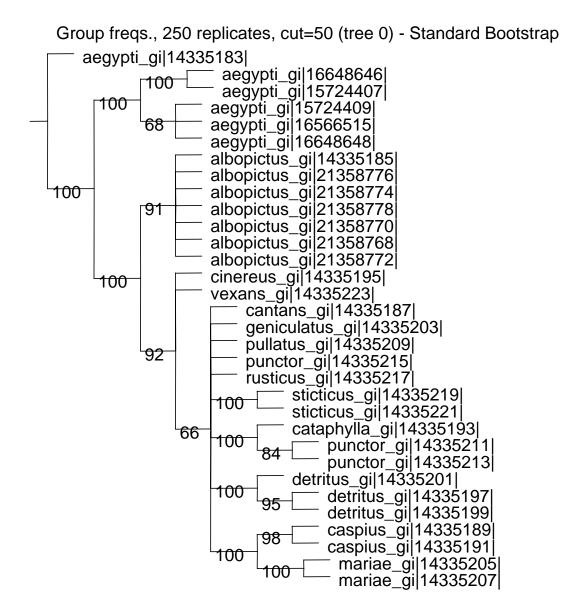
#### Aedes

#### Strict consensus of 2 trees (0 taxa excluded)

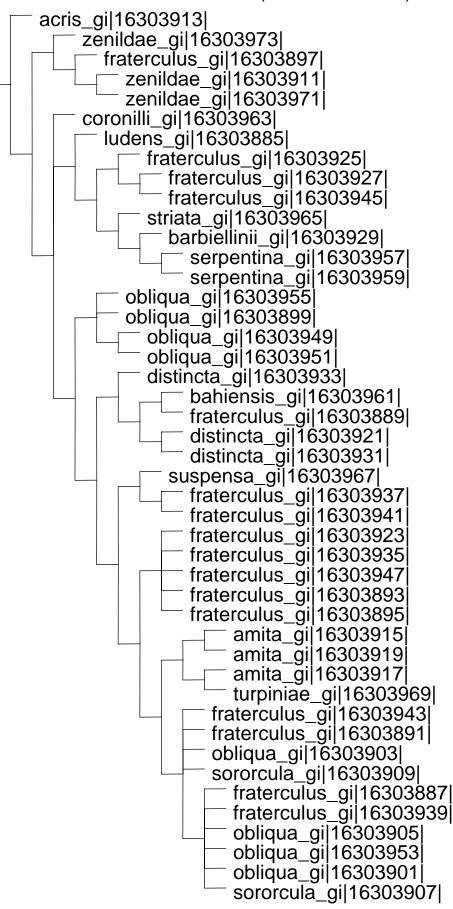


# Aedes Bootstrap



### Anastrepha

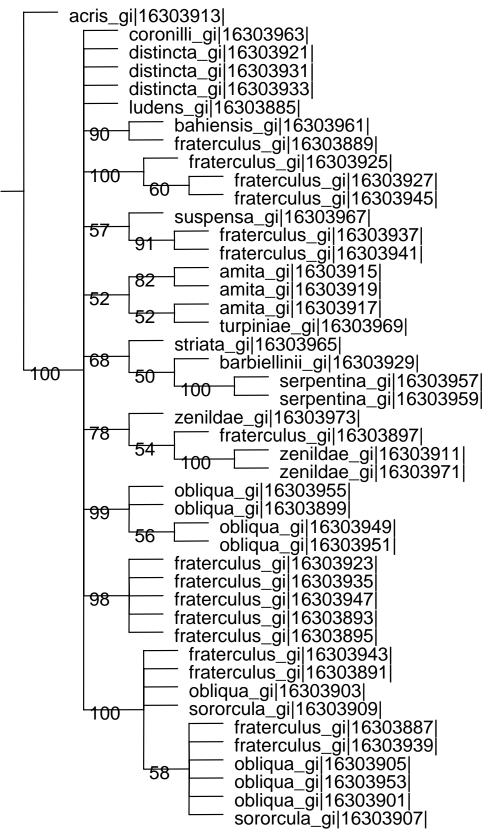
Strict consensus of 2 trees (0 taxa excluded)



## Anastrepha

### **Bootstrap**

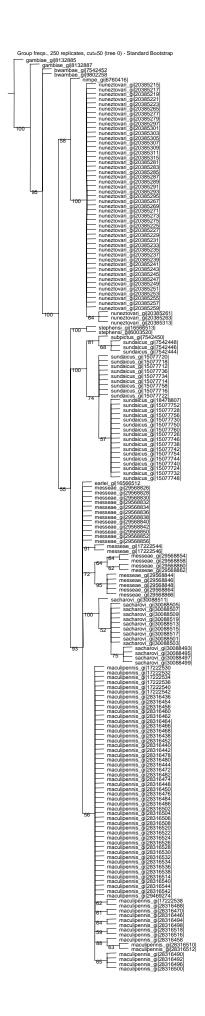
Group freqs., 250 replicates, cut=50 (tree 0) - Standard Bootstrap



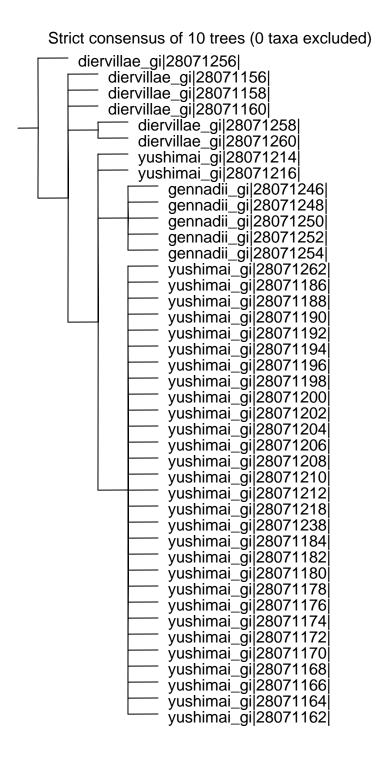
# Anopheles



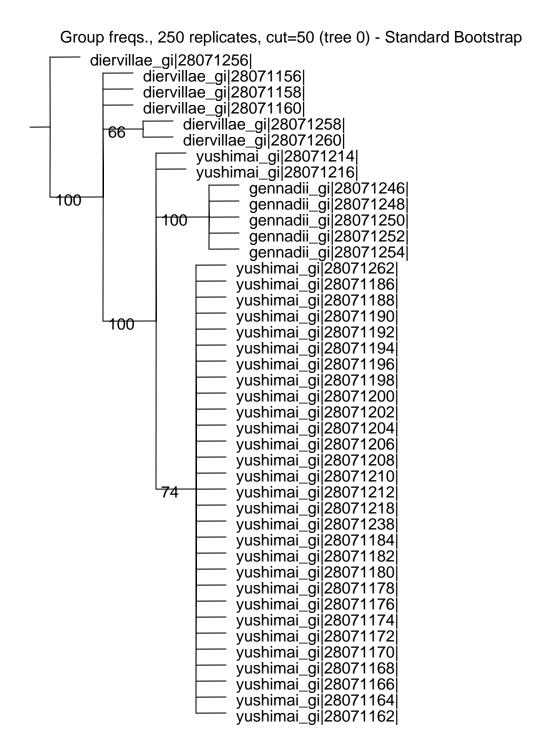
# Anopheles Bootstrap



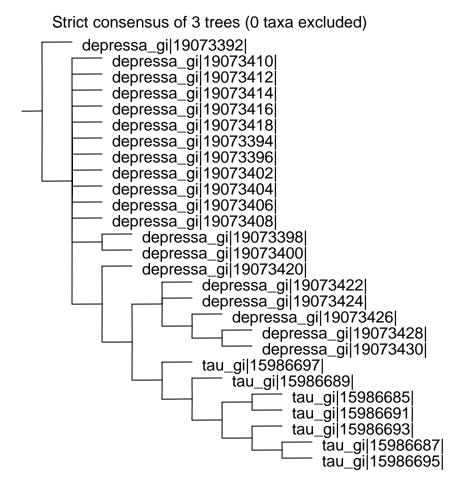
## Asphondylia



# Asphondylia Bootstrap

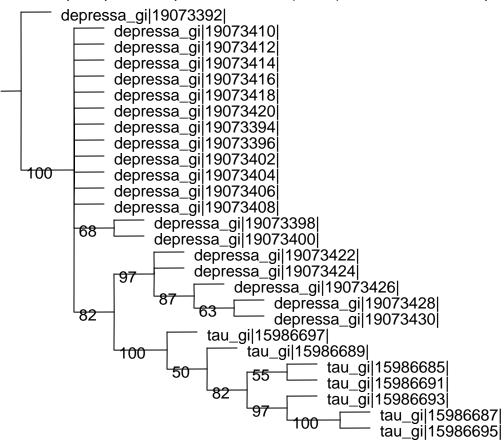


#### Bactrocera



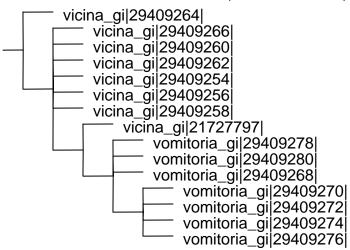
# Bactrocera Bootstrap

Group freqs., 250 replicates, cut=50 (tree 0) - Standard Bootstrap



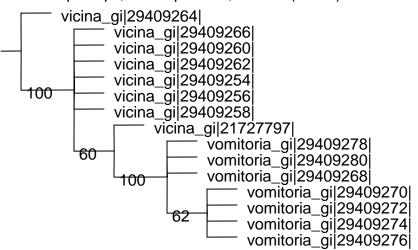
## Calliphora

Strict consensus of 1 trees (0 taxa excluded)

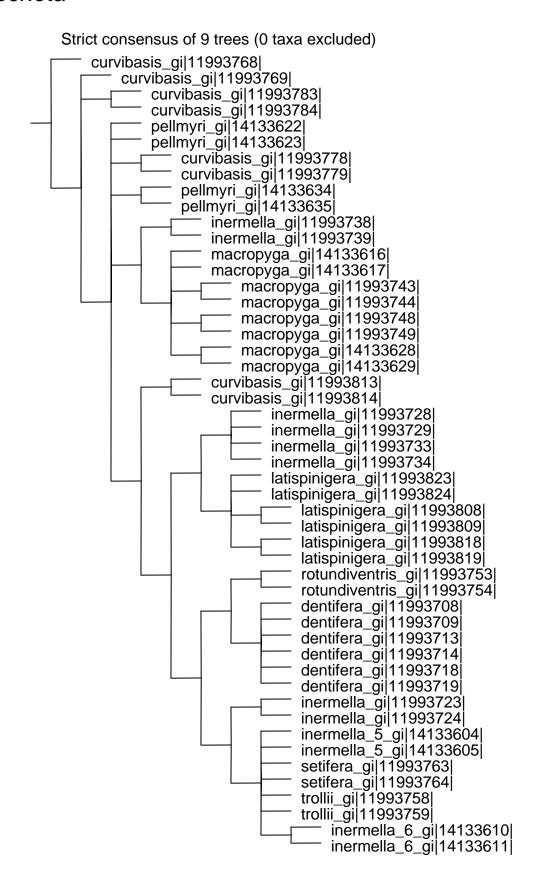


# Calliphora Bootstrap

Group freqs., 250 replicates, cut=50 (tree 0) - Standard Bootstrap

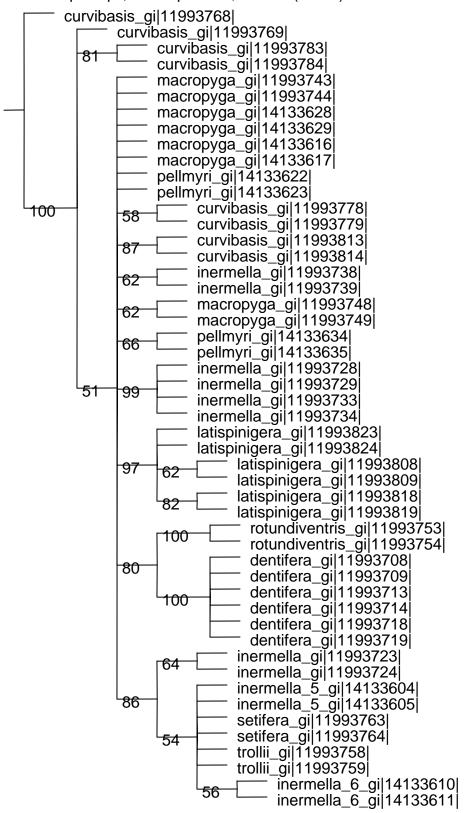


#### Chiastocheta

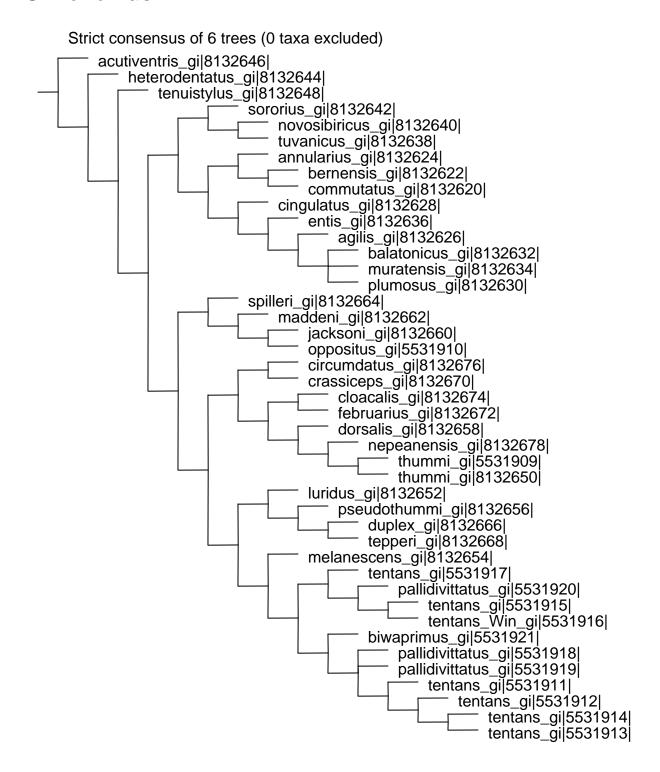


#### Chiastocheta

Bootstrap Group freqs., 250 replicates, cut=50 (tree 0) - Standard Bootstrap



#### Chironomus



#### Chironomus

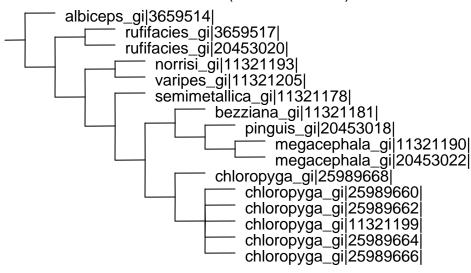
## Bootstrap

Group freqs., 250 replicates, cut=50 (tree 0) - Standard Bootstrap acutiventris\_gi|8132646| heterodentatus\_gi|8132644| circumdatus\_gi|8132676| crassiceps\_gi|8132670| dorsalis\_qi|8132658| duplex\_gi|8132666| luridus\_gi|8132652 melanescens\_gi|8132654| nepeanensis\_gi|8132678| pseudothummi\_gi|8132656| 100 tenuistylus\_gi|8132648| tepperi\_gi|8132668| cloacalis\_gi|8132674| 92 februarius\_gi|8132672| thummi\_gi|5531909| <del>100</del> thummi\_gi|8132650| spilleri\_gi|8132664| 55 maddeni\_gi|8132662| 100 jacksoni\_gi|8132660| <del>100</del> 50 oppositus\_gi|5531910| tentans\_gi|5531917| pallidivittatus\_gi|5531920| 76 tentans\_gi|5531915| tentans\_Win\_gi|5531916| 100 biwaprimus\_gi|5531921| pallidivittatus\_gi|5531918| 90 pallidivittatus\_gi|5531919| 93 tentans\_gi|5531911 93 tentans\_gi|5531912| tentans\_gi|5531914| tentans\_gi|5531913| cingulatus\_gi|8132628| sororius\_gi|8132642| novosibiricus\_gi|8132640| <del>100</del> tuvanicus\_gi|8132638| 52 annularius\_gi|8132624| 98 bernensis\_gi|8132622| commutatus\_gi|8132620| entis\_gi|8132636| agilis\_gi|8132626| balatonicus\_gi|8132632| 88 muratensis\_gi|8132634|

plumosus\_gi|8132630|

## Chrysomya

Strict consensus of 2 trees (0 taxa excluded)



# Chrysomya

Bootstrap

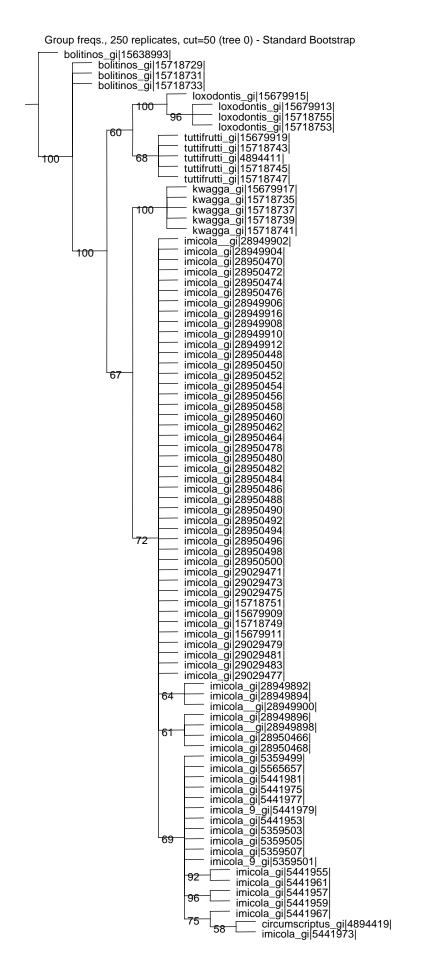
Group freqs., 250 replicates, cut=50 (tree 0) - Standard Bootstrap albiceps\_gi|3659514| rufifacies\_gi|3659517| 100 rufifacies\_gi|20453020| bezziana\_gi|11321181 semimetallica\_gi|11321178| <del>100</del> norrisi\_gi|11321193| 62 varipes\_gi|11321205 pinguis\_gi|20453018| <del>100</del> 98 megacephala\_gi|11321190| <del>100</del> megacephala\_gi|20453022 chloropyga\_gi|25989668| chloropyga\_gi|25989660| 98 chloropyga\_gi|25989662 chloropyga\_gi|11321199| chloropyga\_gi|25989664

chloropyga\_gi|25989666|

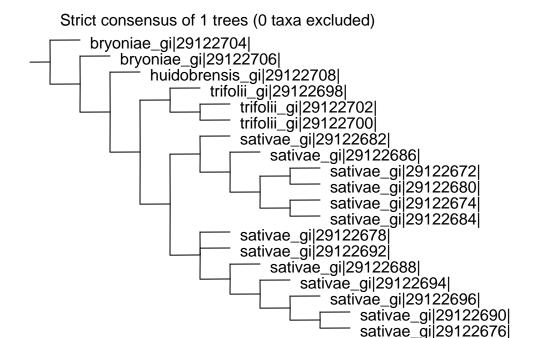
#### Culicoides



# Culicoides Bootstrap



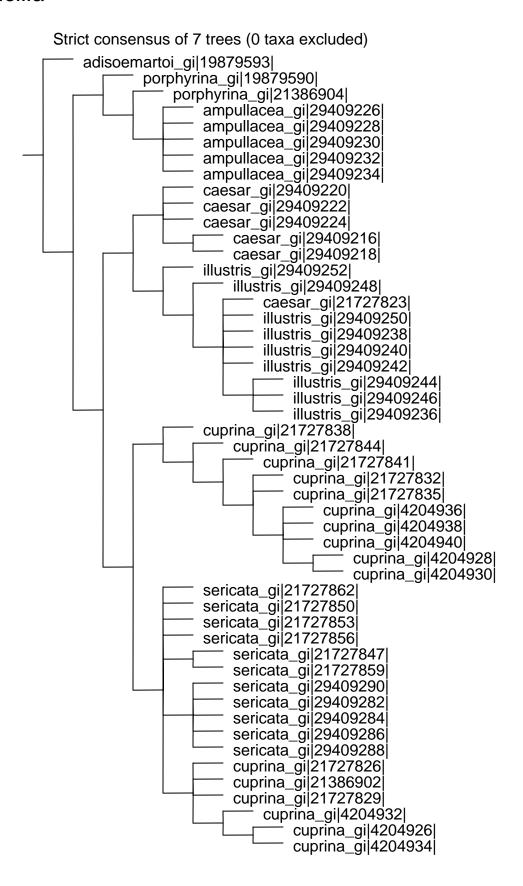
## Liriomyza



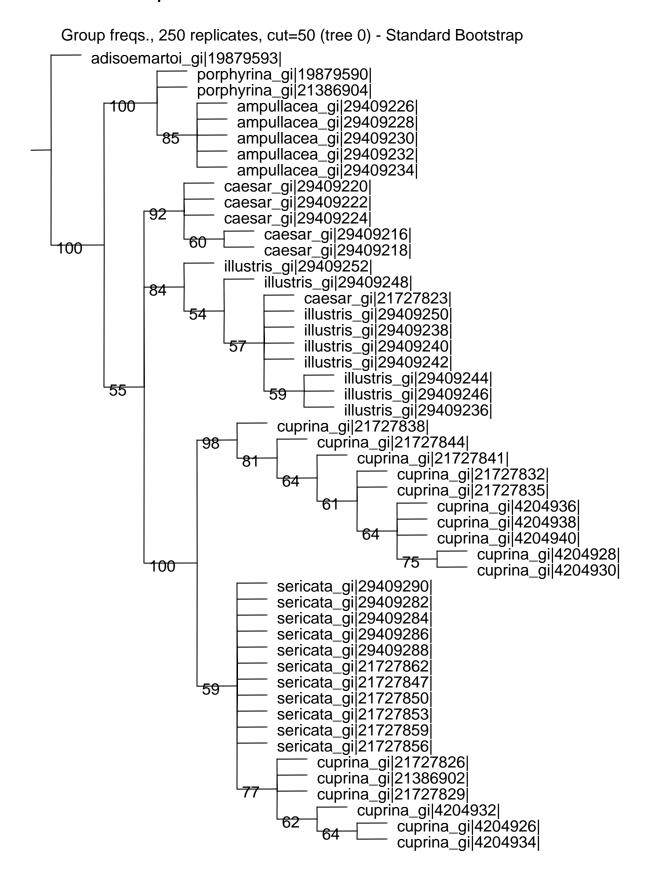
# *Liriomyza*Bootstrap

Group freqs., 250 replicates, cut=50 (tree 0) - Standard Bootstrap bryoniae\_gi|29122704| bryoniae\_gi|29122706| huidobrensis\_gi|29122708| sativae\_gi|29122678 <del>100</del> sativae\_gi|29122688 sativae\_gi|29122690 84 sativae\_gi|29122692 sativae\_gi|29122694 sativae\_gi|29122682 sativae\_gi|29122696 87 sativae\_gi|29122676| trifolii\_gi|29122702 98 trifolii\_gi|29122700 sativae\_gi|29122686| trifolii\_gi|29122698| sativae\_gi|29122672| 53 <del>100</del> sativae\_gi|29122680 sativae\_gi|29122674 sativae\_gi|29122684|

#### Lucilia

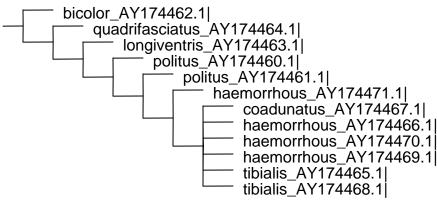


## Lucilia Bootstrap



## **Paragus**

Strict consensus of 1 trees (0 taxa excluded)



# Paragus Bootstrap

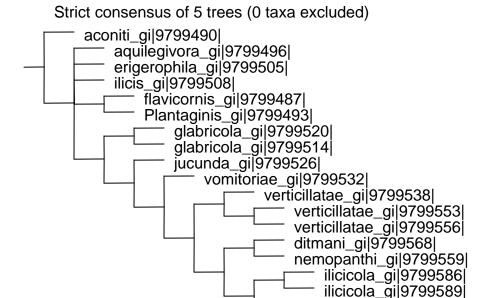
81

haemorrhous\_AY174469.1

tibialis\_AY174465.1| tibialis\_AY174468.1|

Group freqs., 250 replicates, cut=50 (tree 0) - Standard Bootstrap

## Phytomyza



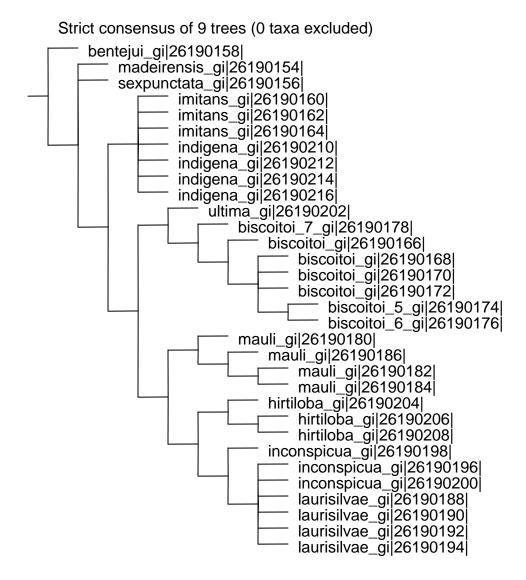
# Phytomyza

**Bootstrap** 

Group freqs., 250 replicates, cut=50 (tree 0) - Standard Bootstrap aconiti\_gi|9799490| aquilegivora\_gi|9799496| erigerophila\_gi|9799505| flavicornis\_gi|9799487| ilicis\_gi|9799508| <del>100</del> Plantaginis\_gi|9799493| glabricola\_gi|9799520 glabricola\_gi|9799514| jucunda\_gi|9799526| 65 vomitoriae\_gi|9799532 ditmani\_gi|9799568| 92 nemopanthi\_gi|9799559| ilicicola\_gi|9799586 <del>100</del> 97 ilicicola\_gi|9799589| opacae\_gi|9799607 <del>100</del> opacae\_gi|9799604| verticillatae\_gi|9799538| <del>100</del> verticillatae\_gi|9799553| <del>100</del> verticillatae\_gi|9799556|

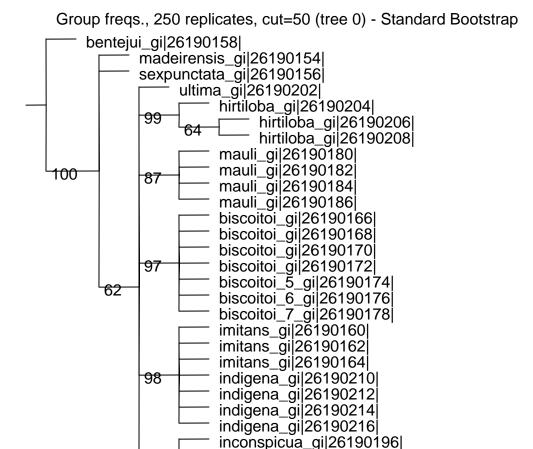
opacae\_gi|9799607| opacae\_gi|9799604|

## Sapromyza



## Sapromyza

## **Bootstrap**

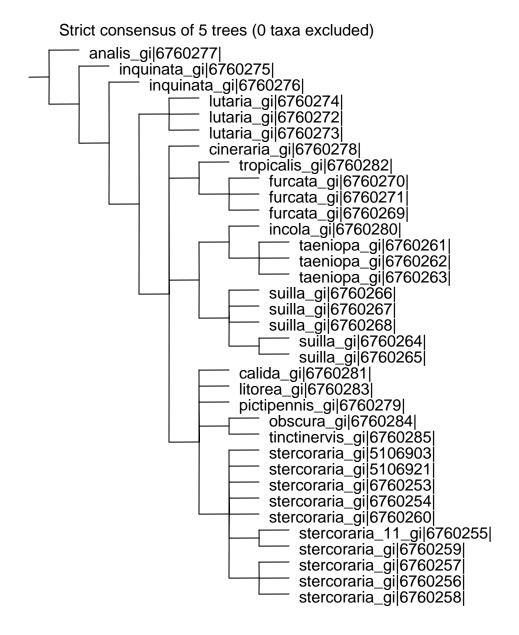


inconspicua\_gi|26190198| inconspicua\_gi|26190200| laurisilvae\_gi|26190188|

laurisilvae\_gi|26190190| laurisilvae\_gi|26190192| laurisilvae\_gi|26190194|

<del>78</del>

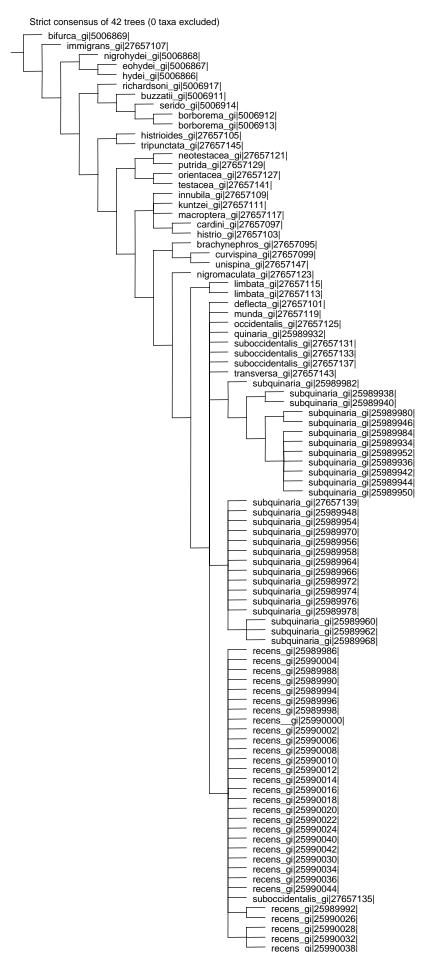
## Scathophaga



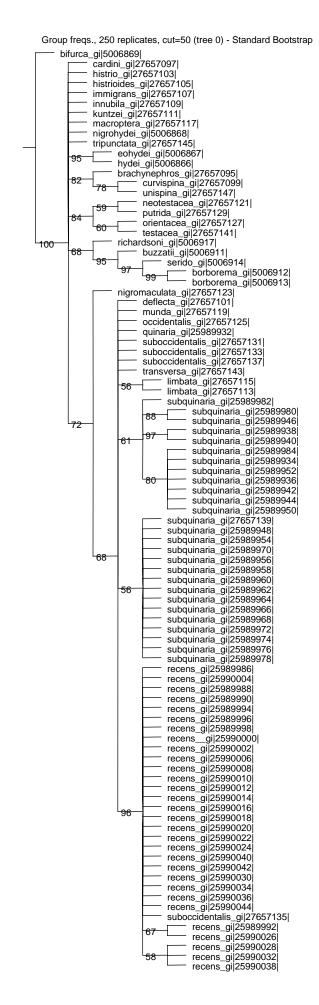
# Scathophaga Bootstrap



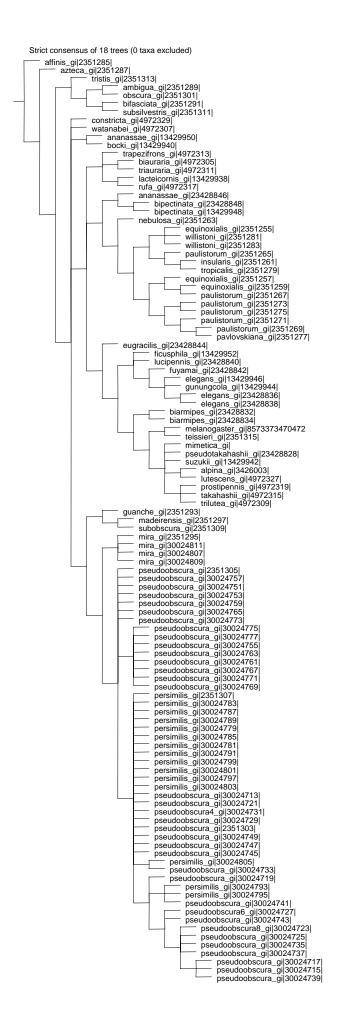
Subgenus Drosophila



# Subgenus *Drosophila* Bootstrap



# Subgenus Sophophora



# Subgenus Sophophora Bootstrap

