

---

# **blasttax Documentation**

***Release 0.0.1-dev***

**Tyghe Vallard**

January 08, 2015



<b>1</b>	<b>Table of Contents</b>	<b>3</b>
1.1	Indices and tables . . . . .	3



blasttax is meant to ease the viewing of the phylogony for any given taxid from a blast report.

You just need to ensure you have the taxonomy dmp files downloaded which is pretty simple:

```
wget http://ftp.ncbi.nlm.nih.gov/pub/taxonomy/taxdump.tar.gz -O- | tar xzf -
```

Then you can just run blasttax on the resulting names, nodes and divisions file as follows:

```
$> blasttax names.dmp nodes.dmp division.dmp 7165
African malaria mosquito(species) -> gambiae species complex(no rank) ->
Pyrethophorus(no rank) -> Cellia(subgenus) -> Anopheles(genus) ->
Anophelinae(subfamily) -> Culicidae(family) -> Culicoidea(superfamily) ->
Culicimorpha(infraorder) -> Nematocera(suborder) -> Diptera(order) ->
Endopterygota(infraclass) -> Neoptera(subclass) -> Pterygota(no rank) ->
Dicondylia(no rank) -> Insecta(class) -> Atelocerata(superclass) ->
Pancrustacea(no rank) -> Mandibulata(no rank) -> Arthropoda(phylum) ->
Panarthropoda(no rank) -> Ecdysozoa(no rank) -> Protostomia(no rank) ->
Bilateria(no rank) -> Eumetazoa(no rank) -> Animalia(kingdom) ->
Fungi/Metazoa group(no rank) -> Eucarya(superkingdom) -> biota(no rank)
```



---

## Table of Contents

---

### 1.1 Indices and tables

- *genindex*
- *modindex*
- *search*