IqTree lab
You can install on your on machine following instructions at
http://www.iqtree.org or run on the cluster.

```
mkdir iqtree_lab
cd iqtree_lab
cp -r /qsb/ejmctavish/qsb244/iqtree_data/* .
```

For interactive analyses: **do not run on the login node!!** `srun -p qsb.q --pty /bin/bash`

Do the iqtree tutorial through section "Binary, morphological and SNP data": http://www.iqtree.org/doc/Tutorial

Homework:

1. What format is example.phy.treefile?

2. Look at the report file example.phy.iqtree. What is the best-fit model? What do you know about this model?

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Visualise the tree turtle.fa.treefile in FigTree.

Compare the tree with the published tree (Chiari et al., 2012). Are they the same or different?

If different, where are the difference(s)?

Look at the boostrap supports. Which branch(es) have a low support?