

Experiment Protocol by Markdown Example

For today's experiment we will be analyzing the following blockquote:

...the **twist** transcription factor binds broadly across the genome and regulates important developmental events.

What we need

To accomplish this we need three things from the following list:

- an installed aligner
- a working directory
- a set of [fastq files](#)

The mutants are summarized in the following Table:

| Mutation | Dorsal | Result |
|----------|--------|-------------------|
| gd7 | none | gd7_1.fastq.gz |
| Tol10b | high | tol10b_1.fastq.gz |

The steps we will take are indicated in this ordered list:

1. Create a working directory
2. write a simple alignment script
 - see the class examples
3. check the server *before* we run the script

We also need to write some shell code our script might look something like:

```
for f in FILES
do
    tophat f
done
```

We ran it on maple, which has ~~12 cores~~ 24 cores.