

# Computations related to the Bioinformatics Applications Note, 2009

VJ Carey stvjc at channing.harvard.edu

August 17, 2010

The main illustrations in the Applications note involve a gene set. All chunks have `eval=FALSE`; to run this code, please manually reset.

```
> library(GGtools)
> data(hla2set)
> hla2set
```

We need to filter the full HapMap CEU cohort to founders:

```
> library(GGdata)
> data(hmceuB36)
> hmFou = hmceuB36[, which(hmceuB36$isFounder == TRUE)]
```

Now we run the tests:

```
> hla2run = gwSnpTests(hla2set ~ male, hmFou, snpdepth(250))
```