Protein domains

See Overview lecture Domains lecture

To Find Domains

Searching with HMMer against Pfam

See the HMMER tutorial

Searching with Interpro

Gene Ontology http://geneontology.org/

Running Analyses on Biocluster

```
module load hmmer
hmmscan
hmmsearch
```

Pfam2GO - http://current.geneontology.org/ontology/external2go/pfam2go

Workshop

1. Searching for Pfam domains in sets of proteins - https://github.com/biodataprog/GEN220_2019_examples/
   See search_SOD1.sh
2. Parsing report files