

Assignment 2 (14 marks total)

Download the data associated with this assignment using:

```
$ cd ~  
$ wget \  
"https://www.dropbox.com/scl/fi/wylre1ooep90c759qgk\  
vb/assignment_2.tar.gz?rlkey=kjgyit995rmpjbyjuu08y\  
0waz&dl=0" \  
-O assignment_2.tar.gz  
$ tar xvzf assignment_2.tar.gz
```

Question 1

10 marks

Question text goes here

Question 2

2 marks

Another question

Question 3

2 marks

A question with an image:

Assignment 2

NCBI

Resources

How To

Sign in to NCBI

Gene

Gene

Advanced

Search

Help



Gene

Gene integrates information from a wide range of species. A record may include nomenclature, Reference Sequences (RefSeqs), maps, pathways, variations, phenotypes, and links to genome-, phenotype-, and locus-specific resources worldwide.

Using Gene

- [Gene Quick Start](#)
- [FAQ](#)
- [Download/FTP](#)
- [RefSeq Mailing List](#)
- [Gene News](#)
- [Factsheet](#)

Gene Tools

- [Submit GeneRIFs](#)
- [Submit Correction](#)
- [Statistics](#)
- [BLAST](#)
- [Genome Workbench](#)
- [Splign](#)

Other Resources

- [OMIM](#)
- [RefSeq](#)
- [RefSeqGene](#)
- [Protein Clusters](#)

Representative queries

Find genes by...	Search text
free text	human muscular dystrophy
chromosome and symbol	([chr] OR 2[chr]) AND adh*[sym]
partial name and multiple species	alive[prop] AND transporter[title] AND ("Drosophila melanogaster"[orgn] OR "Mus musculus"[orgn])
associated sequence accession	M11313[accn]
gene name (symbol)	BRCA1[sym]
publication (PubMed ID)	11331580[PMID]
Gene Ontology (GO) terms or identifiers	"cell adhesion"[GO] 10030[GO]
genes with short variants of medical interest	"clinvar.gene specific"[Filter]
chromosome and species	Y[CHR] AND human[ORGN]
Enzyme Commission (EC) numbers	1.9.3.1[EC]

Figure 1: An image