

NCBI QuickScripts – Session I

Practical 1 Exercise

1. Modify script ex1-1.pl so that it works.

Practical 2 Exercises

1. A) Download protein FASTA for a file of protein GIs (prots.in).

B) Edit the script so that it downloads text GenPept records.
2. A) Download DocSums for all 3D structures from fungi with resolutions less than 2 Angstroms. (*Hint: remember that the colon [:] is a range operator.*)

B) Edit the script so that it limits the download in A) to only those structures that have bound magnesium (as well as from fungi and with resolutions less than 2 Angstroms).
3. Download SNP DocSums for a file of mouse rs numbers (mouse_snps.in).
4. Download text abstracts for PubMed records that are review articles written in English about leukotriene receptors (*Hint: use a MeSH heading!*).