

NCBI QuickScripts – Session II

Practical 3 Exercise

1. Given a file of protein GIs (prots.in), download Gene DocSums for the genes that encode each protein (if known) and that have chromosomal coordinates between 65 and 75 Mb on human chromosome 10.

Practical 4 Exercises

1. Download Frequency XML reports for all non-synonymous SNPs that occur in human genes whose protein products contain the zinc-finger domain cd02249.
2. Download the DocSums for all 3D structures that have sequences similar to NP_567004 and have resolutions less than 2 Angstroms.
3. Given a file containing gene names (symbols.in), download all linked PubMed abstracts published in the last month.