

Documentation for Biocomputing II coursework

Chromosome 16

I have created five separate files for the three different webpages that we are displaying.

index.pl

This file contains all the code for first page that lists the gene id, product name, gene name and location. I am getting all the displayed information from Middle.pm file in the middle layer. I use separate tags for the CSS of the webpage, like <tab2> which are valid for HTML5. The page is connected to details.pl through the gene id link and to search.pl through the search button.

details.pl

This file contains all the data for the particular gene id selected. The page is divided into sections, every section is declared by its header (in blue colour). The page is connected to search.pl through the search button.

search.pl

This file contains the results given from the query that the user inserted in the search button. No matter how many results it will come back with, the gene id should be highlighted and linked to details.pl

Front.pm

I used this file for all the subroutines that I had to use on the three perl files. every subroutine is helping me print details on the main page. it contains bits of CSS coding as well.

style.css

I did not inline the css, I customised the pages separately using this file.