HW 5: Due Thurs, October 21

Part I: Look up the protein TOP3 in SGD, the yeast genome database. Find all known proteins that interact with TOP3, and determine if the interactions are genetic, physical, low-throughput or high-throughput. Look up TOP3 in String: http://string-db.org and see if you can computationally predict a protein that might interact with TOP3 in yeast that is not among SGD’s set of proteins that are known to interact with TOP3 Please submit the name of the protein, and on what basis you predict it interacts with TOP3.

Part II: In honor of “interactive fiction month”. If you were born in an odd birthyear, your story is Cinderella. If you were born in an even birthyear your story is Sleeping Beauty. Please hand in, on a separate piece of paper, 1 page (or more, if you like) of writing that is in some way inspired by your assigned story. Rules: don’t write “Cinderella” or “Sleeping Beauty” on the paper, or in any way allude directly to which story you were assigned.