If your plasmid is going to be published, the following instructions must be followed or the paper will not be submitted or thesis will not be signed:

1. Make 2 DNA plasmids preps of 50ul at ~300ng/ul. Note: you can also do one maxiprep and split it into 3 separate tubes. (Optional: additionally make 2 glycerol stocks)

2. Label all of the tubes exactly the same as appears in the publication. (e.g., if in the paper you call the construct pET22-Abc, label the tube “pET22-Abc”)

3. We will have two boxes in the -80°C freezer; one for people who need to use plasmids/strains from previous publications and a secured, reserve box only accessible by lab manager (NOBODY WILL BE ABLE TO TOUCH THIS BOX)

4. Add all the information about your plasmid to the FileMakerPro/KortemmeLabPlasmidDatabase. You need to input the gene name, vector, mutations, cloning sites, antibiotic resistance, and size. You need to upload your sequencing verification file that you got from Quintara or Elim, the map of insert+vector and the virtual cloning sequence that you used to generate the map.