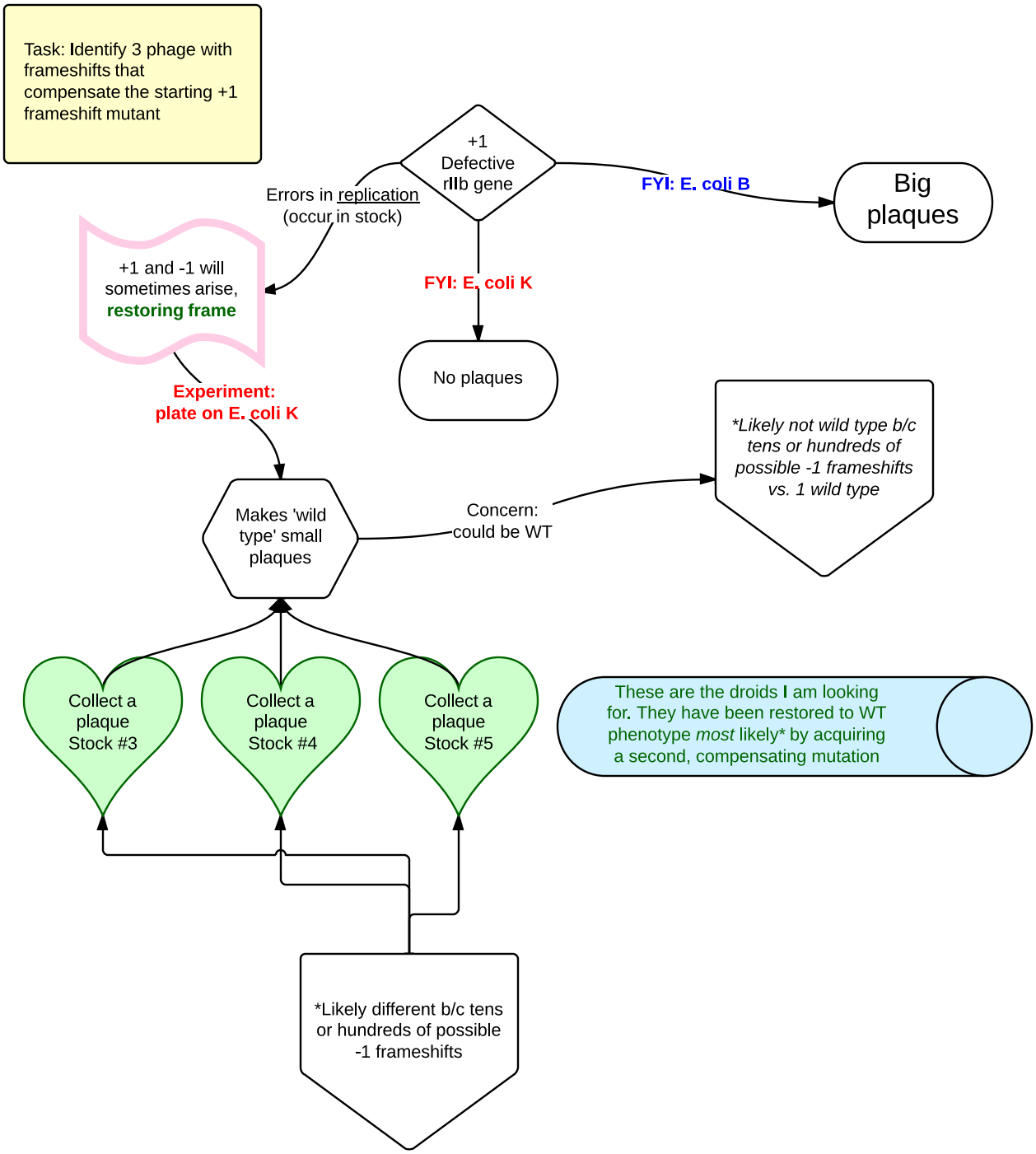
Task: Identify 3 phage with frameshifts that compensate the starting +1 frameshift mutant
+1 Defective rIIb gene
Errors in replication (occur in stock)
FYI: E. coli B
Big plaques
+1 and -1 will sometimes arise, restoring frame
FYI: E. coli K
No plaques
Experiment: plate on E. coli K
*Likely not wild type b/c tens or hundreds of possible -1 frameshifts vs. 1 wild type
Makes 'wild type' small plaques
Concern: could be WT
Collect a plaque Stock #3
Collect a plaque Stock #4
Collect a plaque Stock #5
These are the droids I am looking for. They have been restored to WT phenotype most likely* by acquiring a second, compensating mutation
*Likely different b/c tens or hundreds of possible -1 frameshifts