READ ME-

This folder contains all of the raw data and boxplots of experiments ran for the TEM-50 set. Each experiment done contained 12 replicates of the treatment, and 12 replicates of the control.

How the DropBox shared folder titled “Raw Data” is organized:

* Each antibiotic is listed with their own individual folders inside “Raw Data” alphabetically by their abbreviations.
  + Ex. AM = Amoxicillin, AMC = Amoxicillin + Clavulanic Acid etc.
* Each antibiotic folder contains additional folders with different concentrations. The concentrations are in units of μg/mL.
  + The antibiotics plus inhibitors (AMC, TZP and SAM) contain two numbers indicating the concentration of the antibiotic itself and the concentrations of the inhibitor (which is a constant 8 μg/mL)
* For each antibiotic concentration, there will be four files; Three “.png” files which contain the boxplots of the raw data, and one “.txt” file which is the raw data itself.
* The MEAN of each data set is highlighted in **BOLD**

The concentrations that seem to have optimal results are as follows:

* AM- 512
* AMC-512
* AMP8X – 256
* CAZ – 0.1
* CEC – 1
* CPD – 2
* CPR – 10
* CRO – 0.045
* CTT – 0.0312
* CTX – 0.05
* CXM – 1.5
* FEP – 0.0156
* SAM – 8.8 or 8.16
* TZP – 8.128
* ZOX – 0.03

Deglex format

* 0000, 1000, 0100, 0010, 0001, 1100, 1010, 1001, 0110, **0101, 0011**, 1110, 1101, **1011, 0111**, 1111