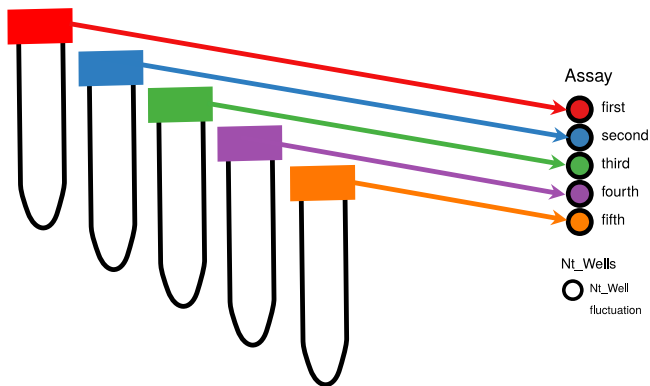
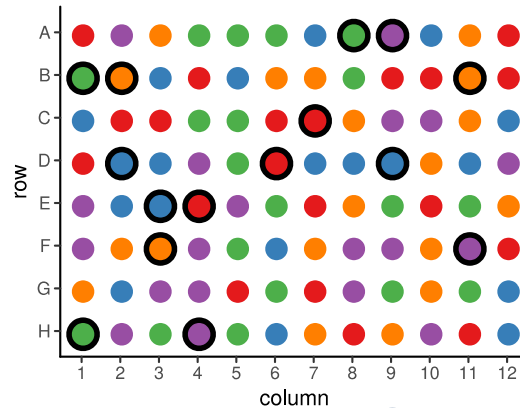


A. Inoculate and acclimate cultures

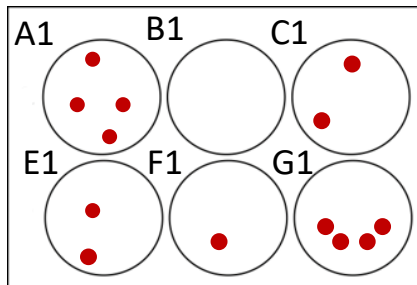


B. Prepare parallel cultures in a 96 deep-well plate



C. Incubate plate with cultures and allow cells to spontaneously mutate

D. Plate cultures on 6-well plates containing selective agar



F. Count observed mutant colonies and calculate expected number of mutational events; visit <http://shinyflan.its.manchester.ac.uk/>

G. Estimate mutation rate

