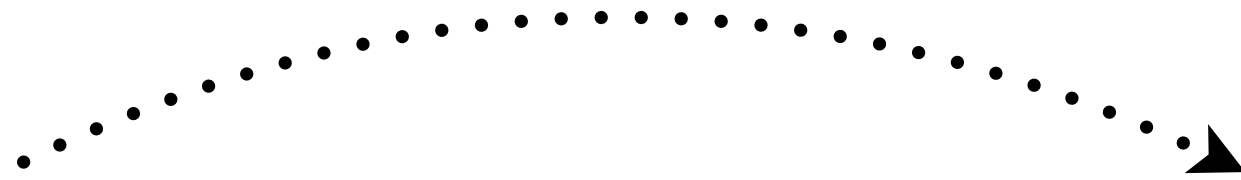
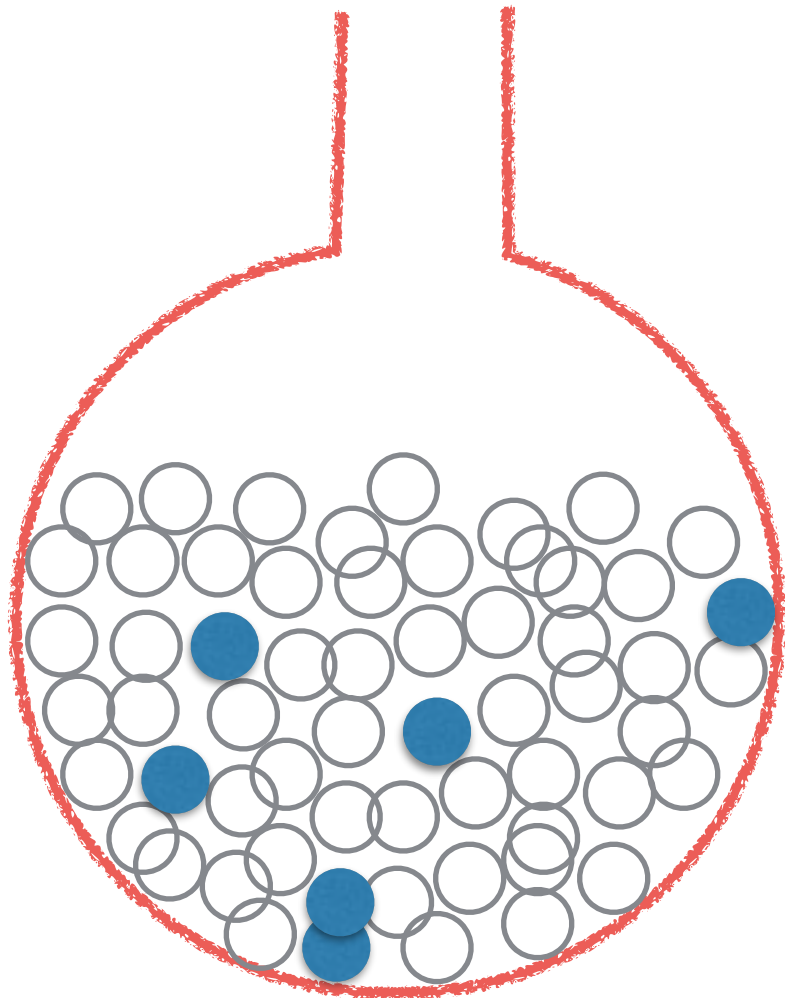


Over-representation analysis



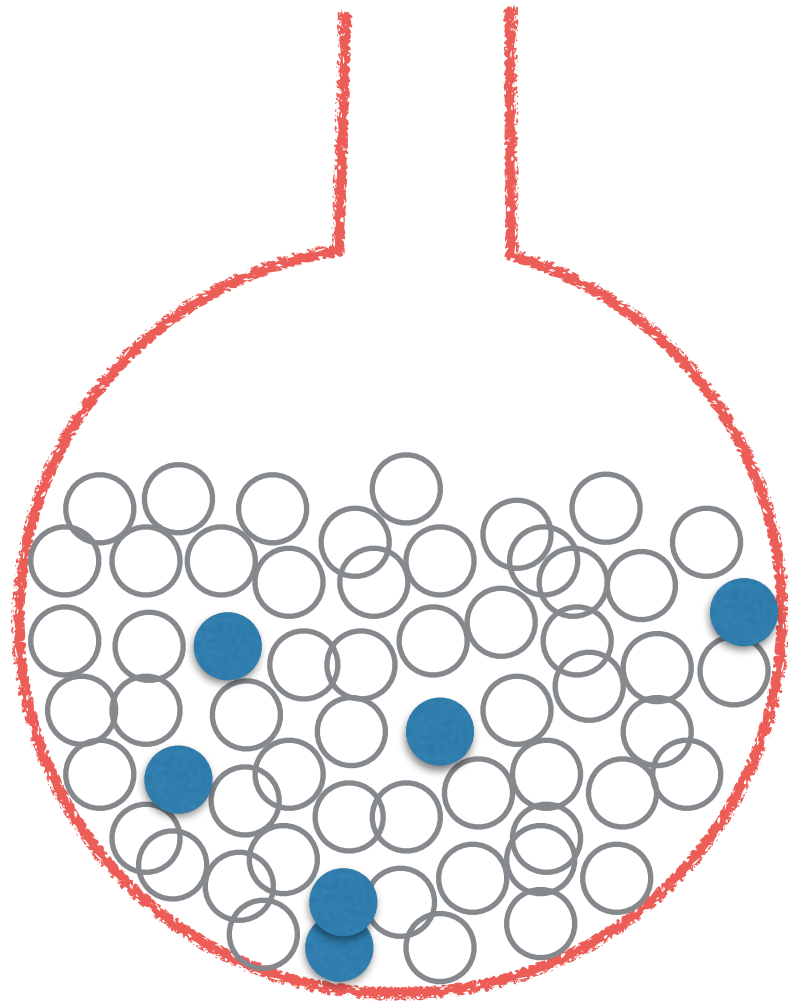
Find 1,000 genes differentially expressed in response to shade.

50 of these 1,000 have the GO term “Cell wall modification”



Genome with 34,000 genes
340 have GO term:
“Cell wall modification”

Over-representation analysis: additional considerations



The Jar (aka Universe) should only contain **expressed genes**. (Why?)