Adjacency Matrix
s = 1000000
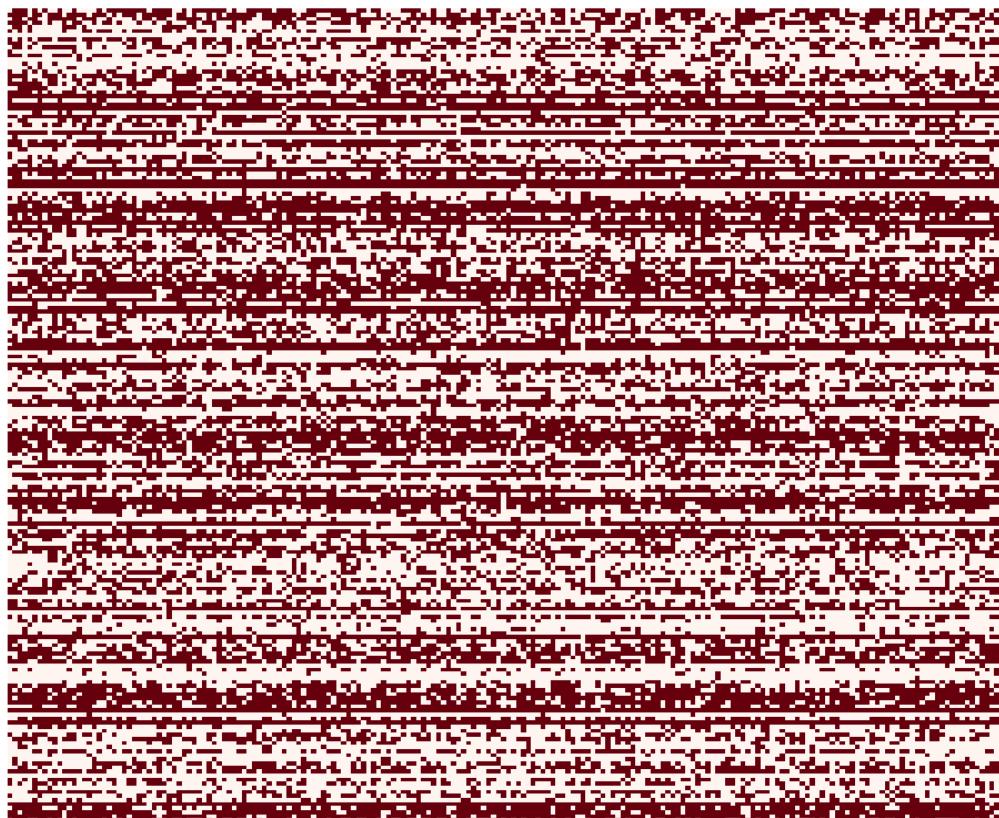
Genes - Set S_2

Genes - Set S_1