cloud (44 , genomes<=2)
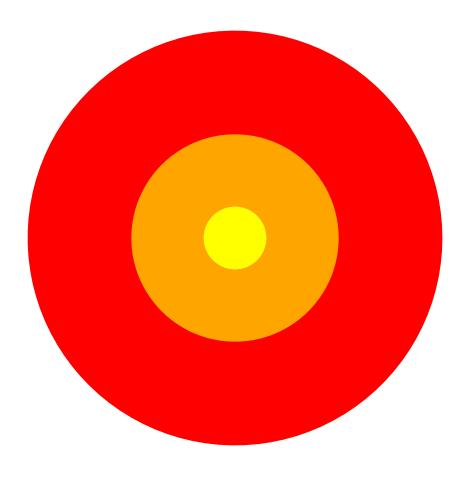shell (11)
soft core (1 , genomes>=8)
core (1 , genomes=9)

total gene clusters = 56   taxa = 9