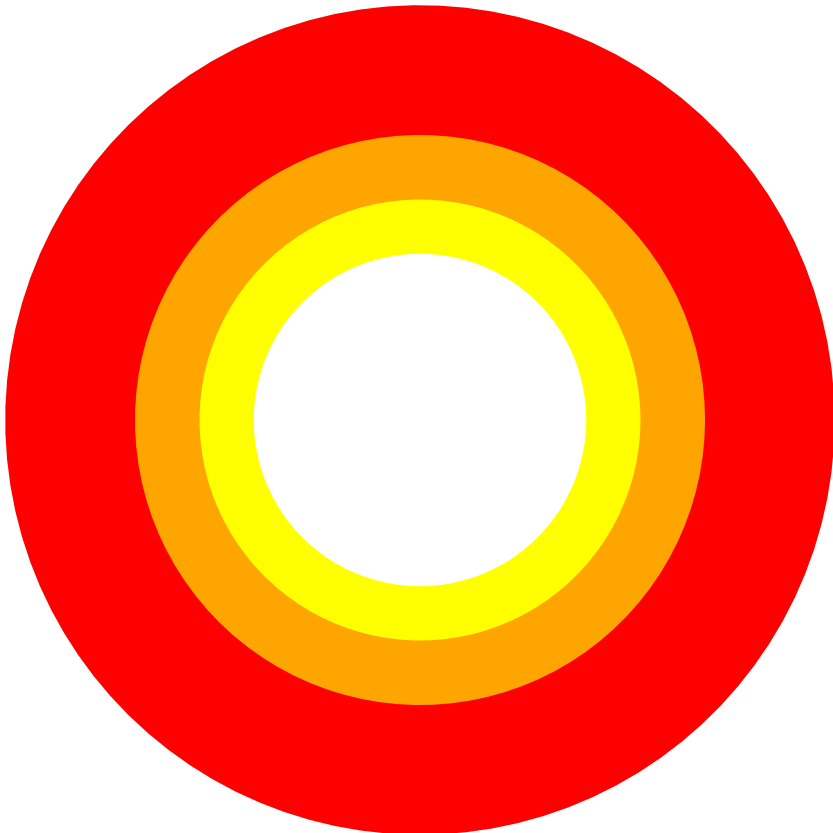cloud (51950 , genomes<=2)
shell (24529)
soft core (14682 , genomes>=10)
core (8345 , genomes=11)

total gene clusters = 91,161   taxa = 11