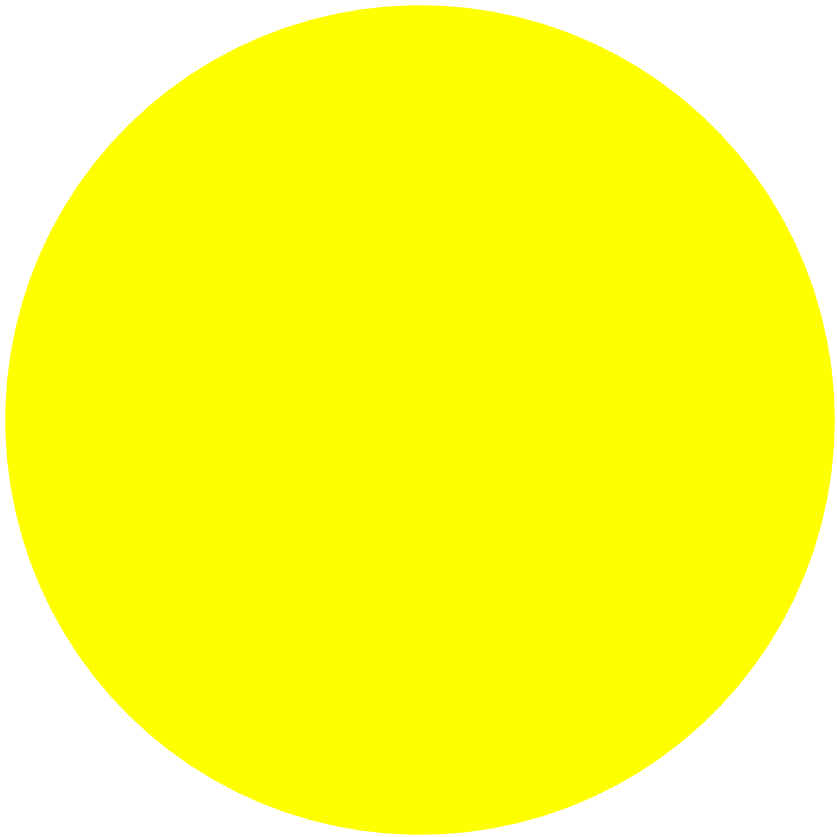cloud (0 , genomes<=2)
shell (0)
soft core (8 , genomes>=7)
core (8 , genomes=8)

total gene clusters = 8   taxa = 8