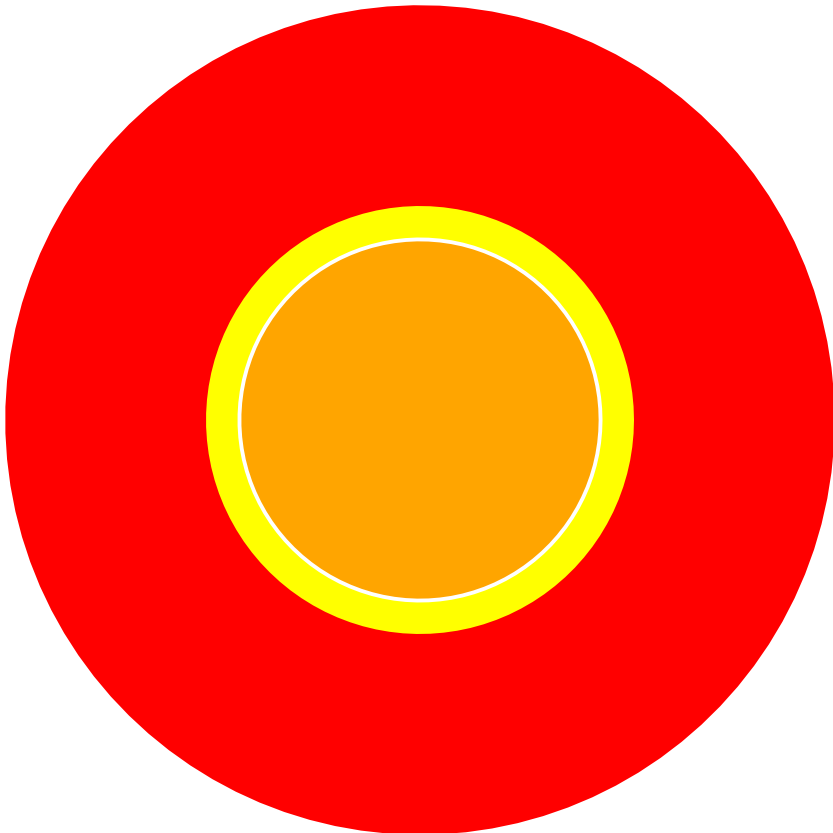


- cloud (124 , genomes $\leq$ 2)
- shell (23)
- soft core (33 , genomes $\geq$ 11)
- core (24 , genomes=12)



total gene clusters = 180   taxa = 12