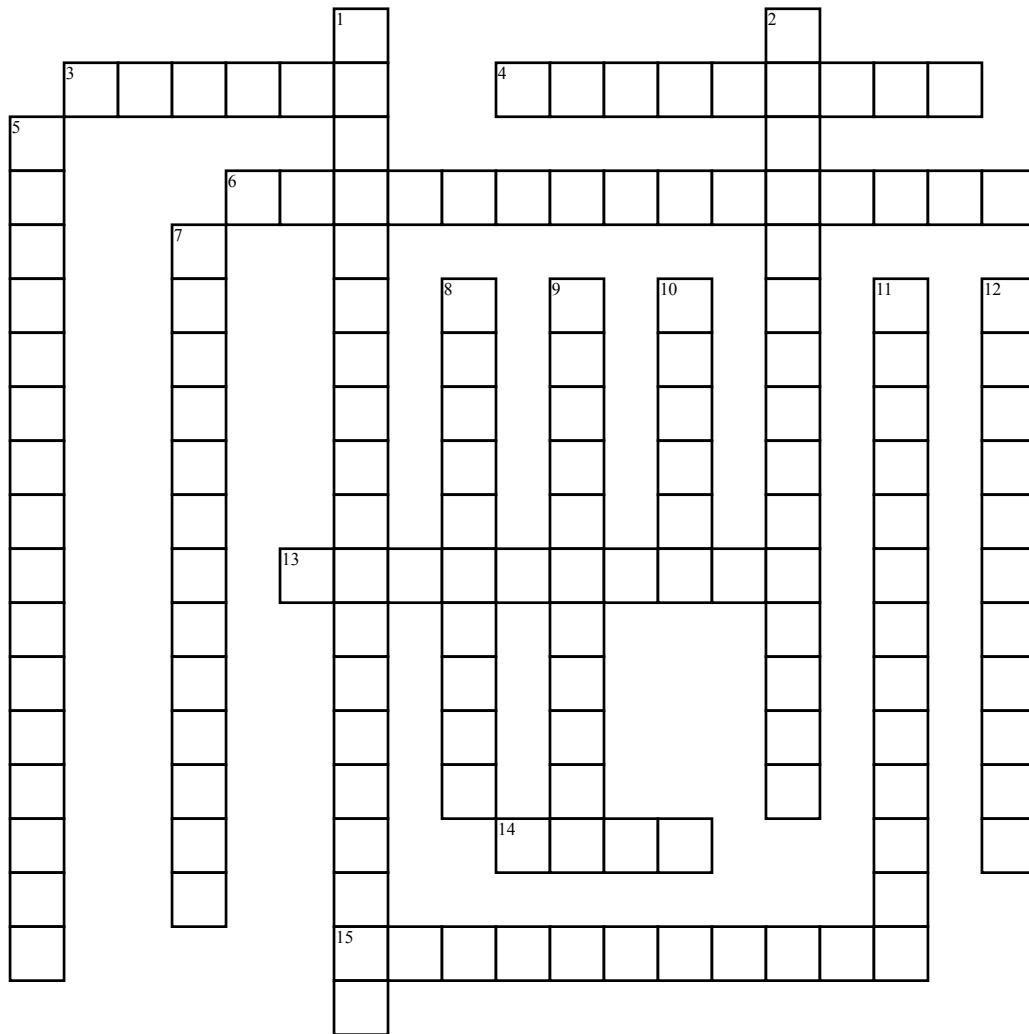


Genome organisation and replication



Across

3. the bit of RNA used in replication is
4. protection of DNA is by
6. repeats that have a size of upto 5 bps are
13. a wedgelike unit in replication is
14. replication is initiated by
15. DNA wound around histone is

Down

1. nonfunctional gene with no promoter is called
2. The two areas that result when the double helix separates during DNA replication are called
5. DNA replication is
7. continuous replication happens in
8. most common repeats that are involved in diseases

9. Type of chromatin that participates in active transcription of DNA to mRNA products
10. DNA replication happens during
11. complementary strands are held together by
12. DNA wound around histone is called

Word Bank

semi-conservative
S phase
ALU repeats
Telomeres

Replication fork
processed pseudogene
nucleosomes
leading strand

microsatellites
Euchromatin
SSB protein
DnaA

primer
nucleosomes
hydrogen bonds