

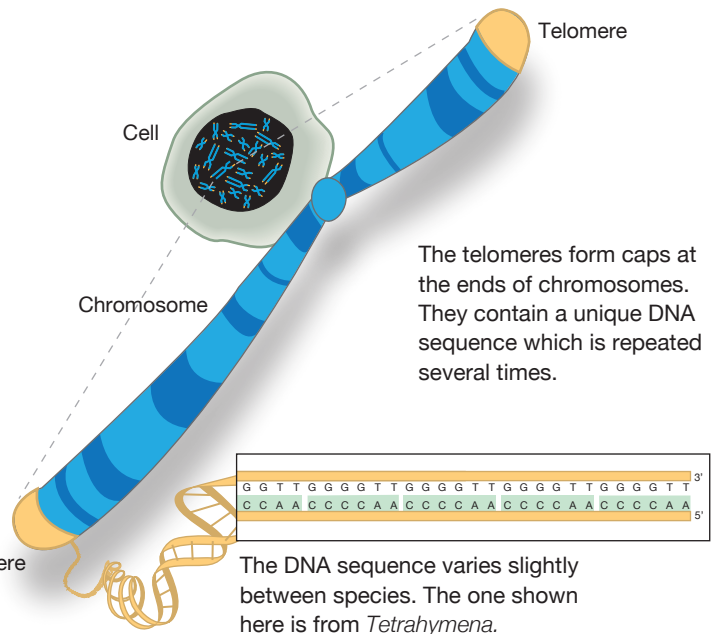
The Telomere

- Function and Synthesis

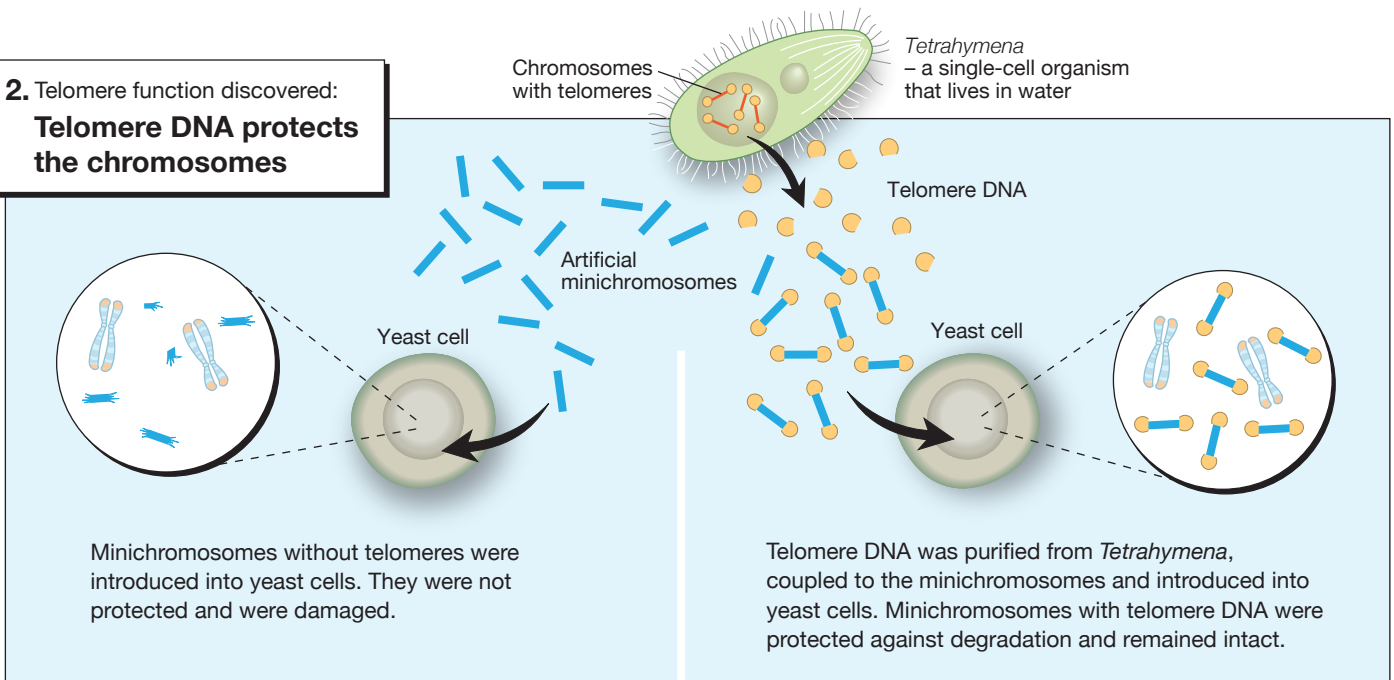
1. The mysterious telomere

The telomeres appear to protect the chromosomes from damage. But how?

Telomere = Greek for "end" (*telos*) and "part" (*meros*)



2. Telomere function discovered: Telomere DNA protects the chromosomes



3. Telomere synthesis elucidated: Telomerase builds telomere DNA

