

DNA sequence analysis:

The more related two organisms are, the more similar their DNA will be.

Pseudogenes:

No longer function but are still carried along with functional DNA. Like vestigial structures, they provide evidence of a common ancestor.

Appendix, Wisdom Teeth

New technology is furthering our understanding of evolution.

Homeobox genes:

Control the development of specific structures. Indicate a very distant common ancestor.

Protein comparisons:

Comparing proteins in cells, called molecular fingerprinting, can indicate a common ancestor.