

TRANSVERSION

Meaning: Transversion is a genetic mutation involving the substitution of a purine base for a pyrimidine base or vice versa in an organism's DNA.

1. Transversion is a type of genetic mutation that can significantly alter an organism's traits.
2. In the field of genetics, transversion refers specifically to the substitution of a purine for a pyrimidine or vice versa.
3. Researchers have discovered that transversion mutations may contribute to the development of certain cancers.
4. The study highlighted the role of transversion in evolutionary biology, showing how it can lead to new species over time.
5. Understanding transversion is crucial for advancing gene editing technologies and improving their accuracy.

Source: sentences.whatistheurl.com

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