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Cytosine extensions optimize case activity for telomere length regulation: Implications for CRISPR-based therapies – A short communication

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Telomeres are nucleoprotein structures that play a crucial role in maintaining genomic stability, and their length determines cellular lifespan. Telomere shortening is linked to cellular senescence and an increased risk of cancer. The CRISPR-Cas9 system has emerged as a tool for genome engineering and telomere length regulation. However, several factors, including chr ...

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