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THE GENETIC ROLE OF DNA.

1. SPECIES-SPECIFICITY OF DNA'S FROM DIFFERENT ORIGINS.
2. SPECIFIC LOCALIZATION OF DNA IN CHROMOSOMES.
3. IN SALIVARY GLAND CHROMOSOMES, THE IDENTITY OF THE DNA-CONTAINING BANDS WITH THE GENES.
4. APPROXIMATE CONSTANCY OF DNA PER CHROMOSOME SET.
5. RELATIVE METABOLIC STABILITY OF DNA.
6. EFFECT OF MUTAGENIC AGENTS ON DNA.
7. ROLE OF DNA IN PHAGE REPRODUCTION.
8. IDENTITY OF BACTERIAL TRANSFORMING AGENTS WITH DNA.
9. MOLECULAR STRUCTURE OF DNA AND ITS GENETIC SIGNIFICANCE.
10. THE DNA OF BACTERIAL VIRUSES.