



# Eukaryota – Superkingdom

IVSMDB – i-Valle Specialized Metabolites Database

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URL: <https://www.ivsmdb.i-valle.com/taxonomy/2/pdf>

## Definition

Eukaryota comprises organisms whose cells contain a nucleus and other membrane-bound organelles.

## Characteristics

Eukaryotes include animals, plants, fungi, and protists.

## Ecological Roles

Eukaryotes occupy virtually all ecological niches.

## Evolutionary Significance

The emergence of eukaryotic cells marked a major transition in the history of life.

## References

References are pending editorial curation.