

#82200 Biology, Other

Which of the following differentiates eubacteria from archaeobacteria?

Answer:

Differences between eubacteria and archaeobacteria are expressed in the table below:

Feature	Eubacteria	Archaeobacteria
1. Cell wall	No peptidoglycan	Contains peptidoglycan
2. Membrane lipids	Ether linked	Ester linked
3. First aminoacid in all proteins	Methionine	Formylmethionine
4. Antibiotic sensitivity	No	Yes
5. DNA organization	Circular with histones	Circular
6. Known for	Extreme environments, none infect humans	Both helpful and harmful relationships with humans