Prokaryotic vs Eukaryotic Notes

Differences

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| --- | --- |
| Eukaryotic  | Prokaryotic |
| 1. Bigger
 | 1. Smaller
 |
| 1. Complex
 | 2 Simple |
| 1. Younger
 | 3 Older |
| 1. Has Nucleus
 | 4 NO nucleus |
| 1. Has Organelles
 | 5 NO organelles |
| 1. All cells EXCEPT
 | 6 ONLY BACTERIA CELLS |
| 1. Plants and fungi have cell walls
 | 7 ALL HAVE cell wall made of peptidoglycan |
| 1. NO Flagella
 | 8 Have Flagella |
| 1. DNA stored as chromosomes
 | 9 DNA is one circular piece and contain plasmids |

Similarities

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| Eukaryotic | Prokaryotic |
| 1. Have DNA
 | Have DNA |
| 1. Have Ribosomes
 | Have Ribosomes |
| 1. Have and make proteins
 | Have and make proteins |
| 1. Have cytoplasm
 | Have cytoplasm |
| 1. Have a cell membrane
 | Have a cell membrane |