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 |