**Text Comparison Matrix**

**Concept/subject: Organelles**

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| --- | --- | --- | --- |
| Organelles | Cell Found: Euk (Ani or Plant), Pro or All | Shape | Function(s) |
| Nucleus | Euk.  Plants and animals | round | Control center |
| Plasma Membrane | All cells | Line, phosphate lipid bilayer | Regulates what enters and exits the cell |
| Cell Wall | Pro.  Plants | Thick line, made up of sugars | Support and protection of the cell |
| Mitochondria | Euk.  Plants and animals | Oval | Energy powerhouse |
| Vacuole | Euk.  Plants and animals | Animals: many small round  Plants: 1 large rectangular | Cell storage unit:  Food  Water  Waste |
| Chloroplast | Euk.  Plants | Oval, with small round disk in it | Converts sunlight into food in plants |
| Ribosomes | All cells | Small little dots throughout the cell | Protein builder |

Summary: (discuss similarities and differences)