**Text Comparison Matrix**

**Concept/subject: Organelles**

|  |  |  |  |
| --- | --- | --- | --- |
| 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:FoodWater 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)