

Source: [KBhBIO101EukaryoticOrganelles](#)

1 | Organizing Organelles Based on Membranes

By organizing [KBhBIO101EukaryoticOrganelles](#) based on whether or not they have membranes, it helps us gauge the evolutionary history of cells.

1.1 | Membranous Organelles

These have membranes! They have their own plasma, regulates their own macromolecule consumption, hormones, etc. Based on [KBhBIO101Endosymbiotic](#) endosymbiotic theory, these may perhaps be the organelles that were originally independent prokar