

Viruses vs Cells

- genetic material
- have protein

Viruses

Cells

- not alive
- no grow
- no energy
- no response

- DNA or RNA

- takes over host cell to replicate

- Protein capsid surrounding nucleic acid

- very small $\approx 10\text{nm}$

- living
- grow
- energy
- respond to stimuli

- Both DNA and RNA

- asexual or sexual

- membrane, nucleus, organelles

- larger