

Source: [\[KBhBIO101Viruses\]](#)

1 | Types of Viruses

1.1 | Prokaryotic infecting viruses

- Variety of shapes
- Complex and prolate shapes
- Has, sometimes complex shapes! a la this image
- Usually transmits using the DNA

1.2 | Eukaryotic infecting viruses

- Much more “boring” in terms of shape
- Icosahedral/spherical outside
- Enveloped constructions => envelope protein layer outside, spherical inside
- Helical/Cylindrical/Bullet shapes, too!
- Often single patterns assemble together to create symmetric shape that creates the whole of the virus
- Usually transmits using the RNA

RNA viruses are considered to be the “next-gen” viruses because they infect much more easily as they do not require the process of transcription.