

# Download Molecular Evolution Of Viruses Past And Present Evolution Of Viruses

The science of evolution The process of evolution Evolution as a genetic function The concept of natural selection. The central argument of Darwin's theory of evolution starts with the existence of hereditary variation. A virus is a small infectious agent that replicates only inside the living cells of other organisms. Viruses can infect all types of life forms, from animals and plants to microorganisms, including bacteria and archaea. Influenza A virus causes influenza in birds and some mammals, and is the only species of the Alphainfluenzavirus genus of the Orthomyxoviridae family of viruses. Strains of all subtypes of influenza A virus have been isolated from wild birds, although disease is uncommon. Evidence for evolution: anatomy, molecular biology, biogeography, fossils, & direct observation.