
title: Viral Genetic Modulation source: [KBhBIO101Viruses](#) author: Houjun Liu course: BIO101

0.0.1 | **Viral Genetic Shift + Viral Genetic Drift**

Shift => whole segments of genome exchange abruptly as two flu viruses infect the same cell to create a new strand.

Drift => single/groups of nucleotides flip slowly over time.

The former is an environment-dependent process, where the latter is able to be modeled as it is due to transcription mistake.