

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

1 | **Viral Genetic Shift + Viral Genetic Drift**

1.1 | **Genetic Shift**

Whole segments of genome exchange abruptly as two flu viruses infect the same cell to create a new strand.

1.2 | **Genetic Drift**

Single/groups of nucleotides flip slowly over time due to mistakes in [\[KBhBIO101RNAReplication\]](#).

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