$$\underbrace{\text{evolution}}_{\textit{LLMs are modeling this}} = \underbrace{\overset{\text{nucleotide}}{\text{mutation}}}_{\substack{\textit{independent} \\ \textit{of functional} \\ \textit{properties}}} \cdot \underbrace{\overset{\text{amino acid}}{\text{selection}}}_{\substack{\textit{functional} \\ \textit{properties} \\ \textit{matter}}}$$