

Phylogenetic Tree Algorithms and Their Application to the Evolution of the Alphabet

We present a new phylogenetic tree algorithm that is designed to provide for each edge of the tree a hypothetical set of mutations that may have occurred during evolution. Phylogenetic tree algorithms are generally useful in analyzing evolutionary relationships beyond genetics. For the interest of the audience, we give an example when they are used to analyze the hypothetical evolution of a set of similar alphabets, including the Hungarian rovásírás.