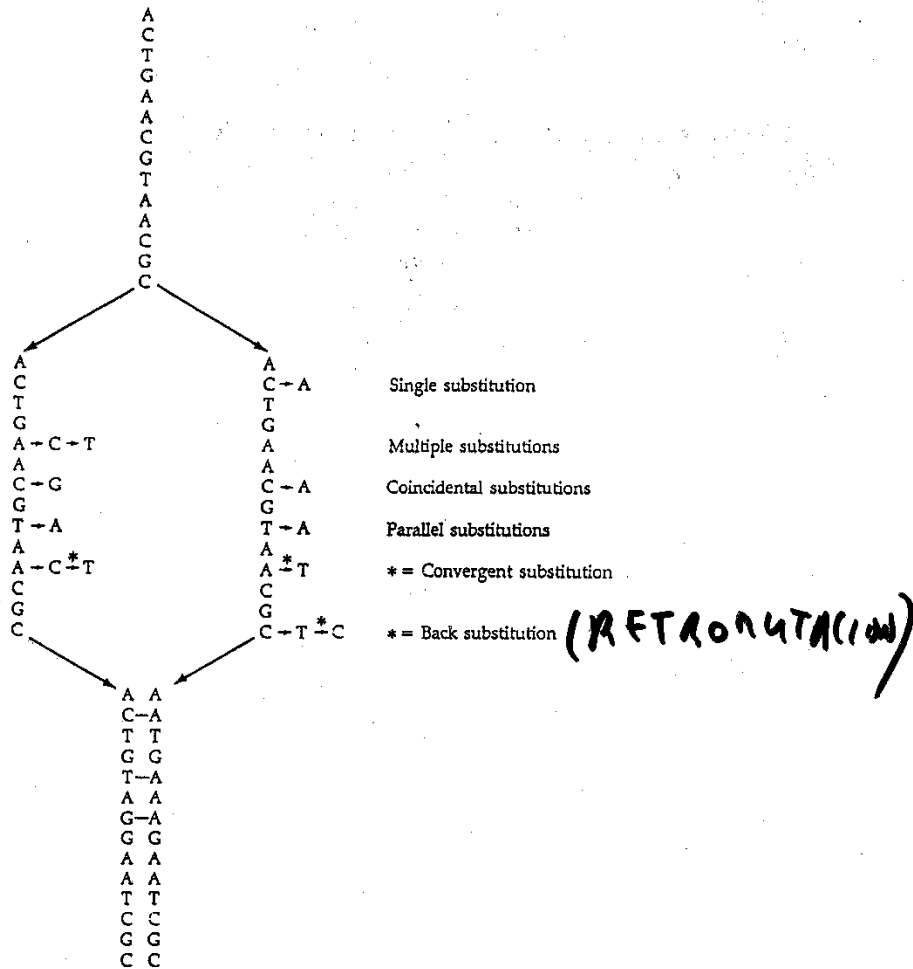


Sustituciones múltiples



12 mutaciones



Solo 3 cambios en el alineamiento

Figure 5. Two homologous DNA sequences which descended from an ancestral sequence and accumulated mutations since their divergence from each other. Note that although 12 mutations have accumulated, differences can be detected at only three nucleotide sites. Note further that "coincidental substitutions," "parallel substitutions," "convergent substitutions," and "back substitutions" all involve multiple substitutions at the same site, though maybe in different lineages.