$$\text{match}(s,t) \in \begin{cases} U, & \text{if } \text{LCS}(s,t) < 10 \\ G, & \text{if } 10 \leq \text{LCS}(s,t) < 13 \\ F, & \text{if } 13 \leq \text{LCS}(s,t) < 17 \\ E, & \text{if } \text{LCS}(s,t) \geq 17 \end{cases}$$