$$k(x_1,x_2) = \gamma_{6,3} + \gamma_{6,-3} + \gamma_{3,4}$$
 $X_1 \longrightarrow CGAACGCTACGTATTATTTTAGTCGGATTG \longrightarrow X_2 \longrightarrow TTCGAACGAAAGGTTTTAGCCTGAAGACGG \longrightarrow$