

GET_SEQ_TO_ALIGN (alignment)

distance_matrix <- alignment.distance_matrix

ok <- 0

while ok = 0

max_dist_val <- nalezení maxima v distance_matrix

y, x <- najdi indexy hodnoty, kde distance_matrix = max_dist_val

distance_matrix_{y,x} <- 0

alignment.distance_matrix <- distance_matrix

row, column = najdi indexy hodnoty, kde alignment.log_table = x

result_check_1 <- alignment.log_table_{row, 2}

row_2, column_2 <- najdi indexy hodnoty, kde alignment.log_table = y

result_check_2 <- alignment.log_table_{row_2, 2}

if result_check_1 = 0 a zároveň result_check_2 = 0

alignment.log_table_{row, 2} <- 9999

alignment.log_table_{row_2, 2} <- 9999

ok <- 1

elseif result_check_1 = 0

alignment.log_table_{row, 2} <- 9999

y <- x

ok <- 1

else

alignment.log_table_{row_2, 2} <- 9999

ok <- 1

alignment.seq_to_align_01 <- alignment.seqs_x

alignment.seq_to_align_02 <- alignment.seqs_y