

MULTIPLE_ALIGN (alignment)

alignment.orig_distance_matrix <- alignment.distance_matrix

for i <- 1 to alignment.seq_number - 1

alignment <- GET_SEQ_TO_ALIGN(alignment)

check <- kontrola zda je proměnná alignment.consensus_seq prázdná

if check je prázdná

alignment.consensus_seq <- alignment.seq_to_align_01

alignment.seq01 <- alignment.consensus_seq

alignment.seq02 <- alignment.seq_to_align_02

alignment <- INITIALIZE_PAIRWISE(alignment)

alignment <- PAIRWISE_ALIGNMENT(alignment)

if i = 1

alignment.multiple_seq_alignment₁ <- alignment.temporary_pair_align_{1,konec}

alignment.multiple_seq_alignment₂ <- alignment.temporary_pair_align_{2,konec}

else

alignment <- ADJUST_MULT_ALIGN(alignment)

alignment.multiple_seq_alignment_{i+1} <- alignment.temporary_pair_align_{2,konec}

alignment = CREATE_CONSENSUS_SEQ(alignment)