

Coord 12345678901234-56789012345678901234567890123456789

Source 1 - reference genome

chr 1 ATGTTAGATAA-GATAGCTGTGCTAGTAGGCAGTCAGCCC
chr 2 ttcttctggaa-gaccttctcctcctgcaaataaa

Source 2 - generator of random sequences

READS:

r001 ATG-TAGATA ->
r002/1 TTAGATAACGA ->
r002/2 <- TCAG-CGGG
r003/1 tgcaaataa ->
r003/2 gaa-gacc-t ->
r004 ATAGCT.....TCAG ->
r005 GTAGG ->
 <- agacctt
 <- TCGACACG
r006 ATATCACATCATTAGACACTA