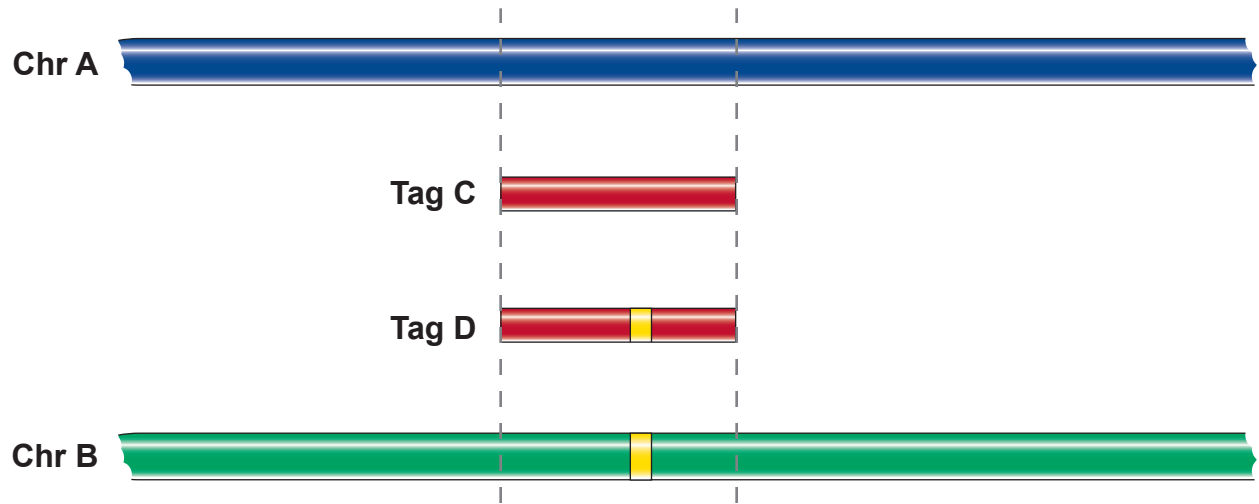# Supplementary Figure 1

Supplementary Figure 1. Schematic illustrating the effect of sequencing error on uniquely mapping tags. The grey dashed lines indicate two regions of high similarity on chromosomes A and B. In red are short sequencing tags from an experiment, both tags having derived from chromosome A. Tag C contains no sequencing errors. Tag D contains one sequencing error (yellow). Allowing no mismatches to occur, Tag C will map correctly to chromosome A, however Tag D will map incorrectly, *but "uniquely"* to chromosome B. This general example illustrates the need to perform alignments allowing mismatches at the same rate (or higher) of sequencing error of the platform.