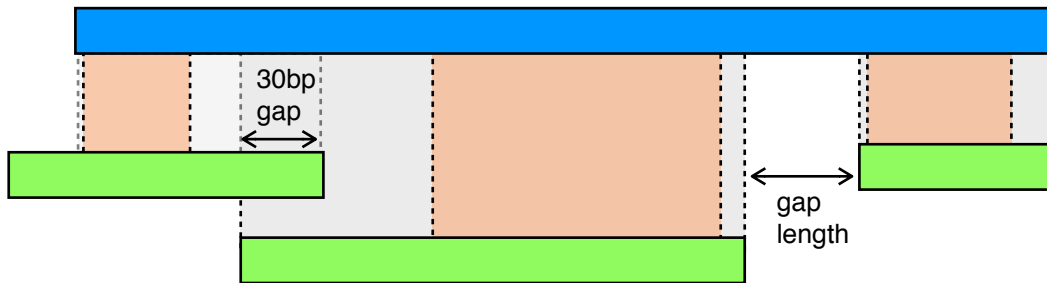


If the filters for minimum percent of possible alignment (f_aln and s_aln) were set to 30 and 90 the first alignment would be discarded and the second alignment could be kept in the filtered XMAPs and the super-scaffolded fasta if its confidence score was higher than the first confidence filter f_con .



If the potential alignment of scaffolds, their footprints, overlap each other in the XMAP they are separated by a 30 bp gap of n's in the super-scaffolded fasta. If they do not overlap, a gap the length is the distance between the scaffold's footprints.

