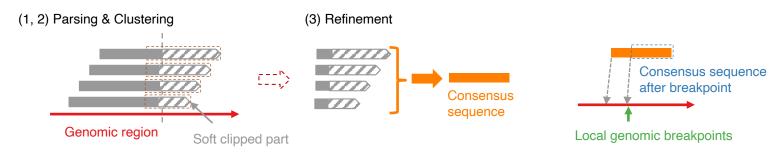
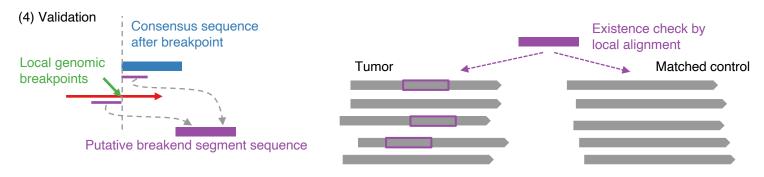
Single breakend SV module



Gather soft clipping reads and cluster them by distinct putative breakends

Gather soft-clipped parts of the sequences with margins and make an error-corrected consensus sequence

Breakpoint identification by Smith-Waterman algorithm



Generate the putative breakend segment sequence by extracting reference sequence before the breakpoint and the part of consensus sequence Confirm that the putative breakend segment sequence is observed specifically in sequence reads in tumors.