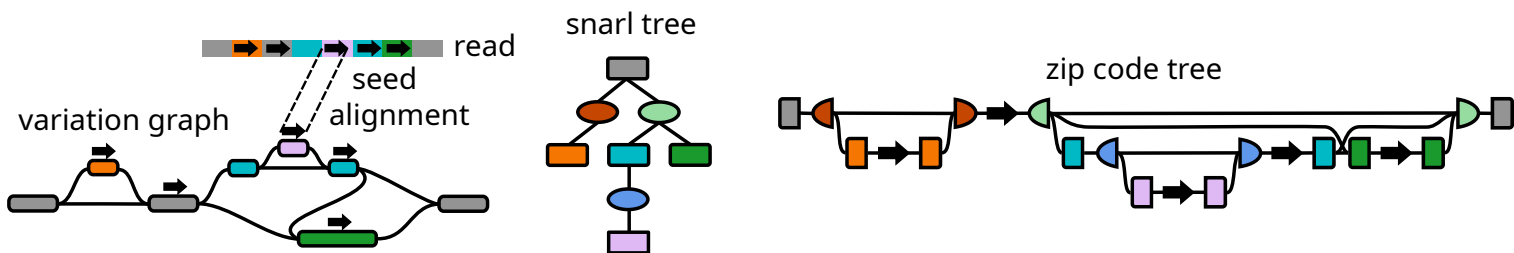
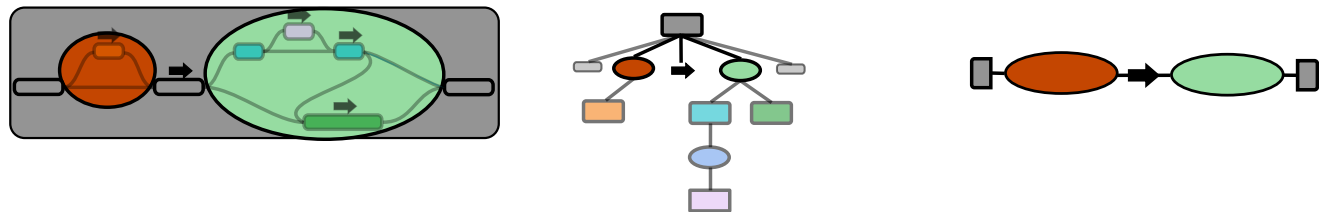


# A Inputs to zip code tree construction and final zip code tree



# B Chain representation



# C Snarl representation

