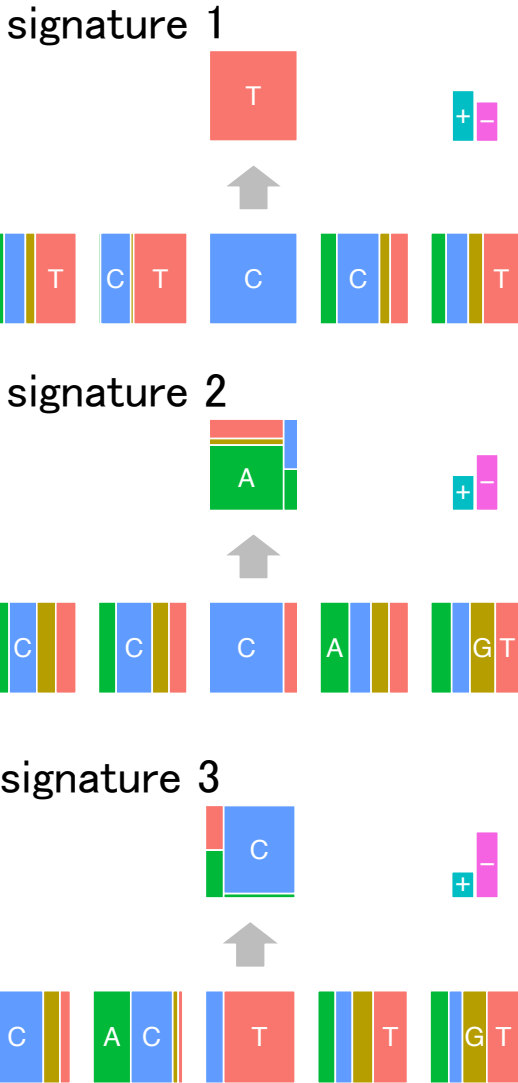
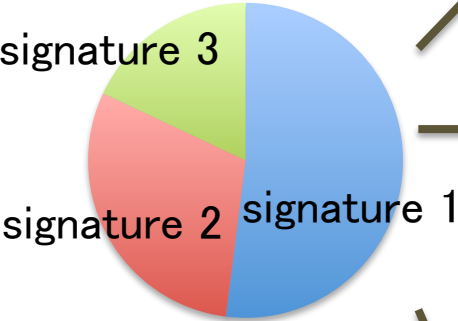


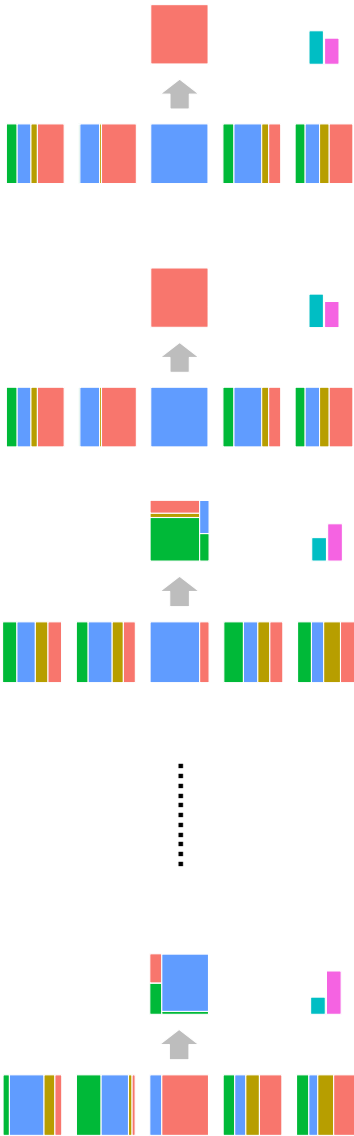
operative mutation
signatures in the cohort



cancer genomes with
membership parameters



selected signature
for each mutation



actually observed
mutation patterns

