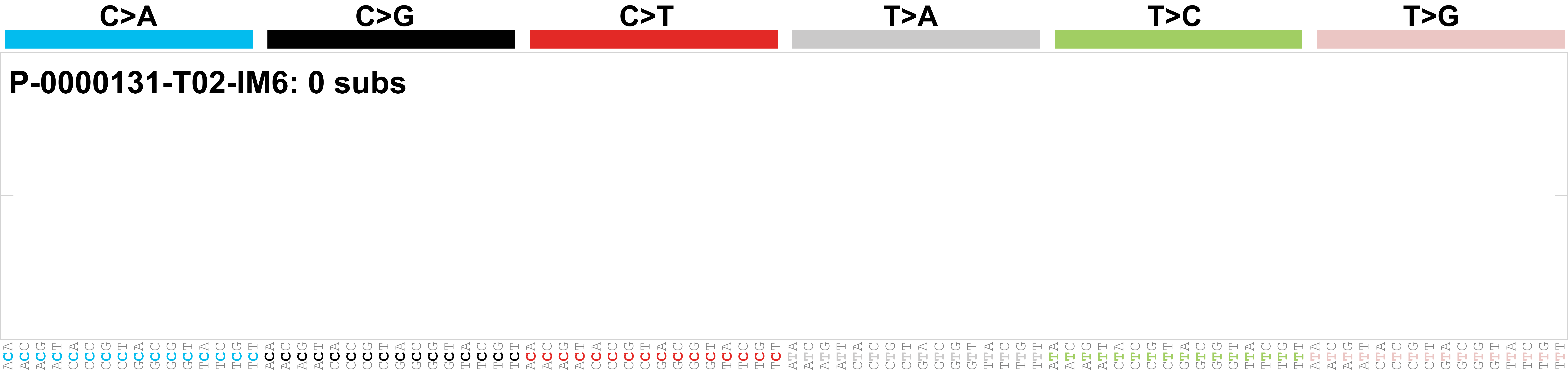
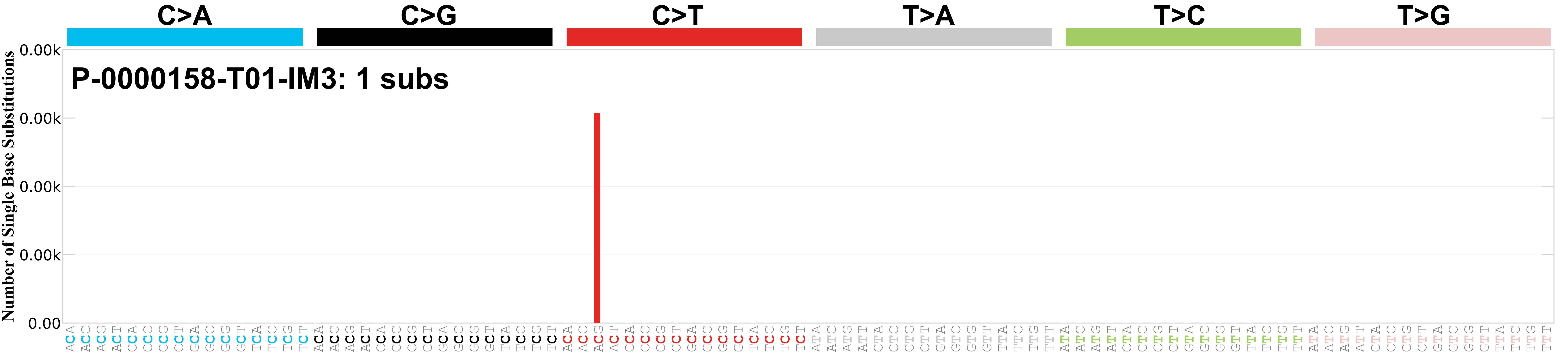
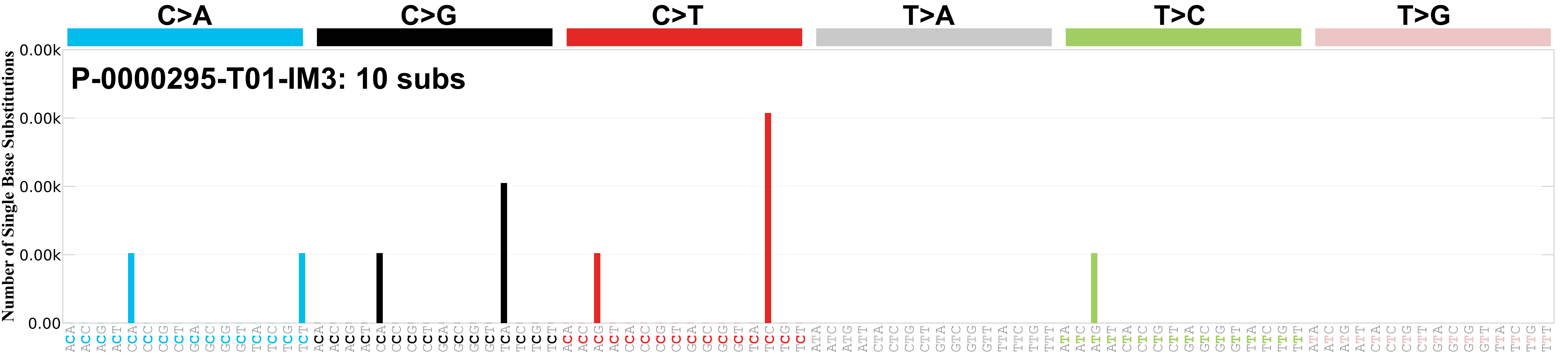
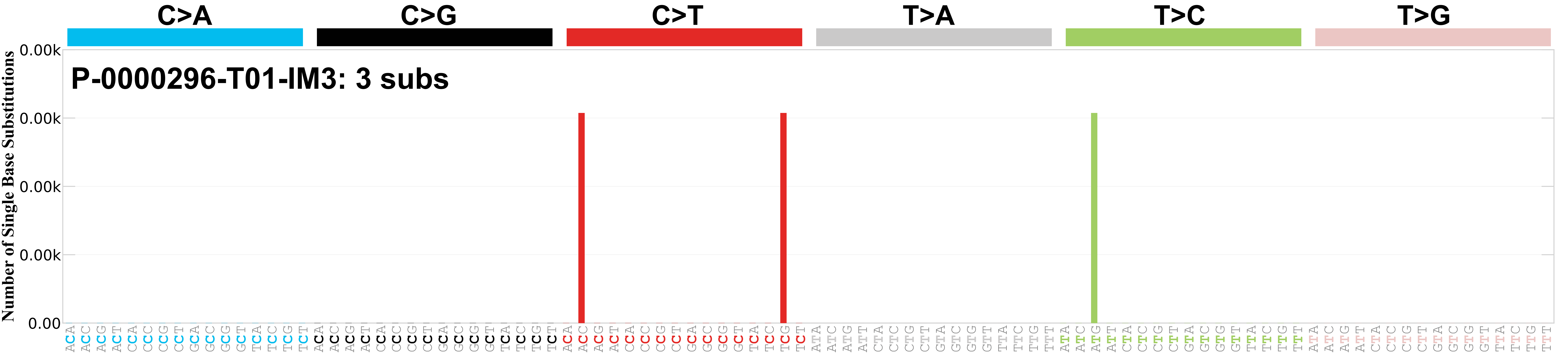


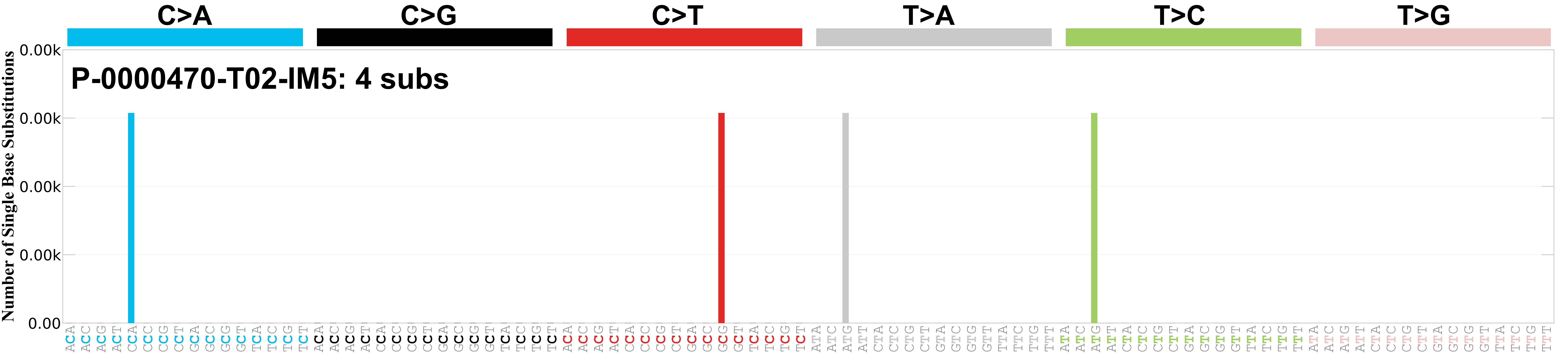
Number of Single Base Substitutions

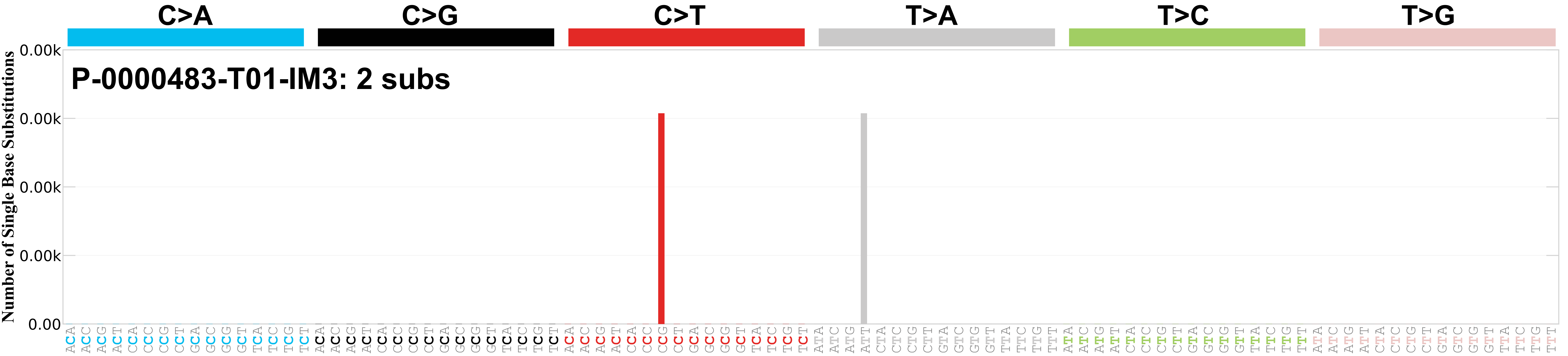


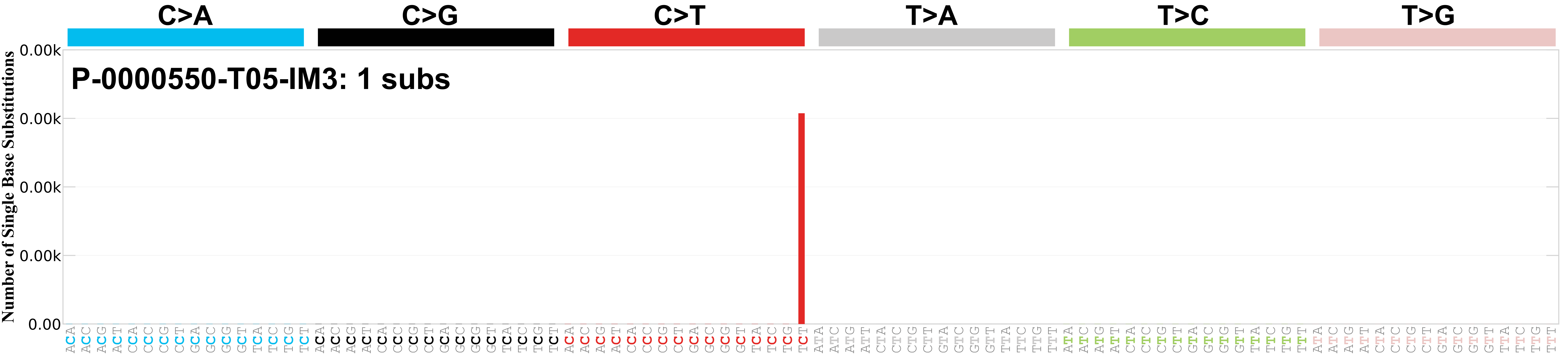


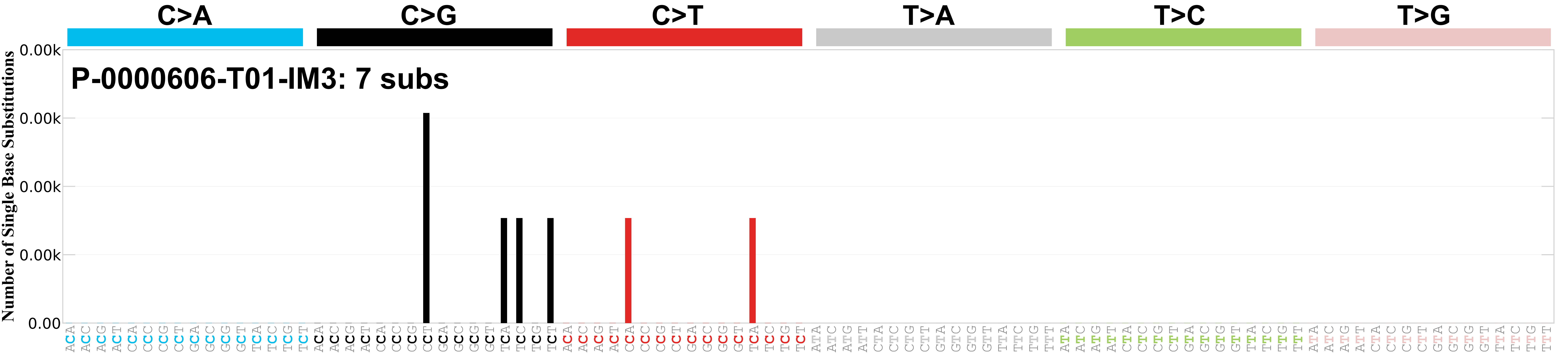


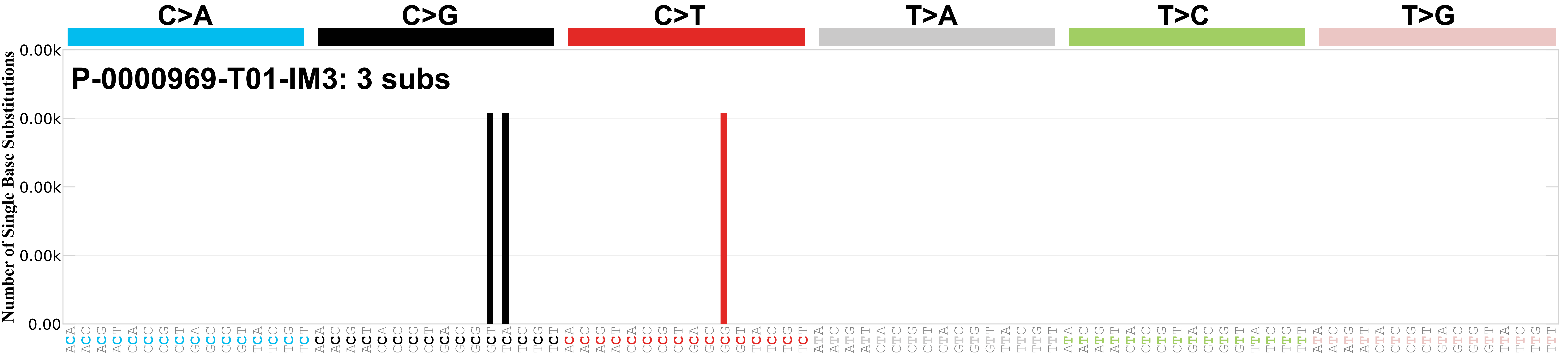


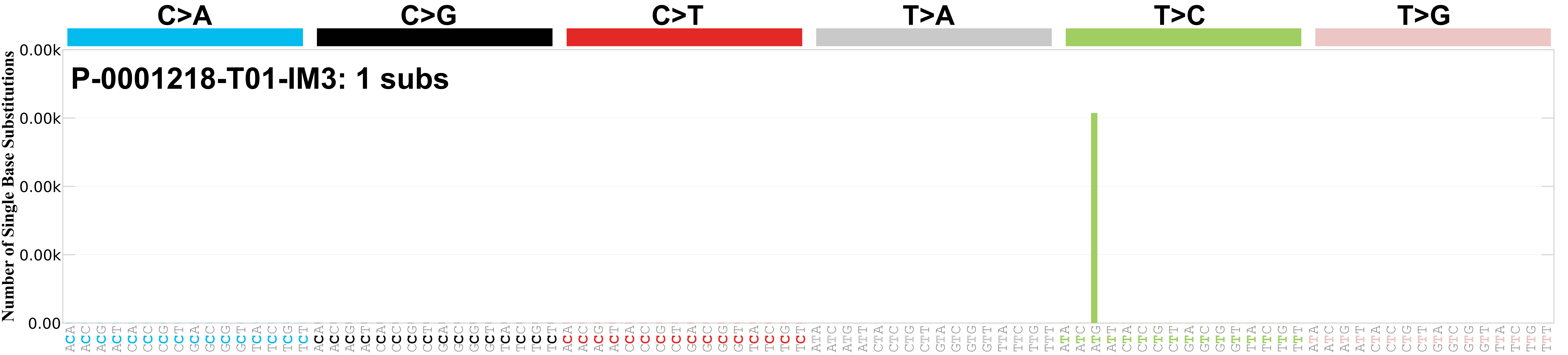


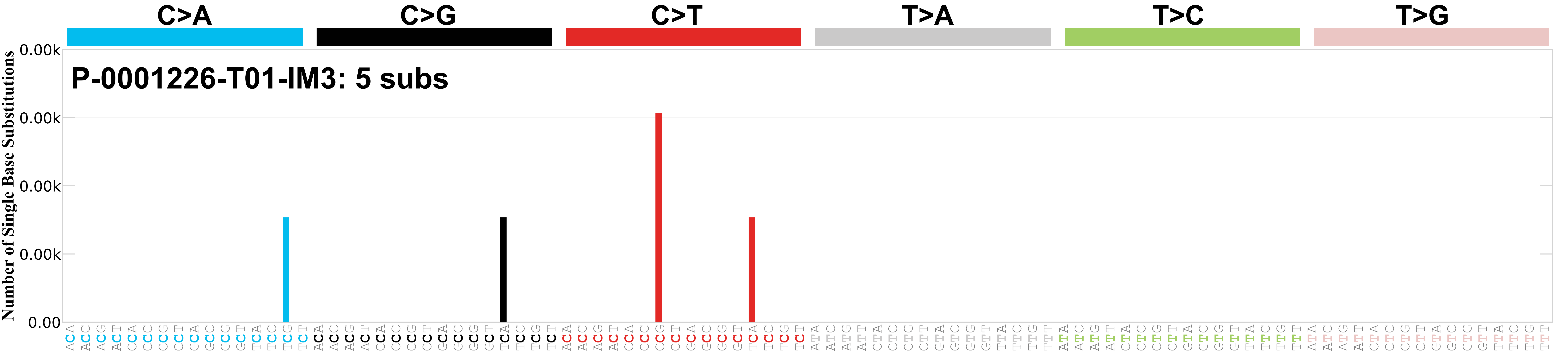


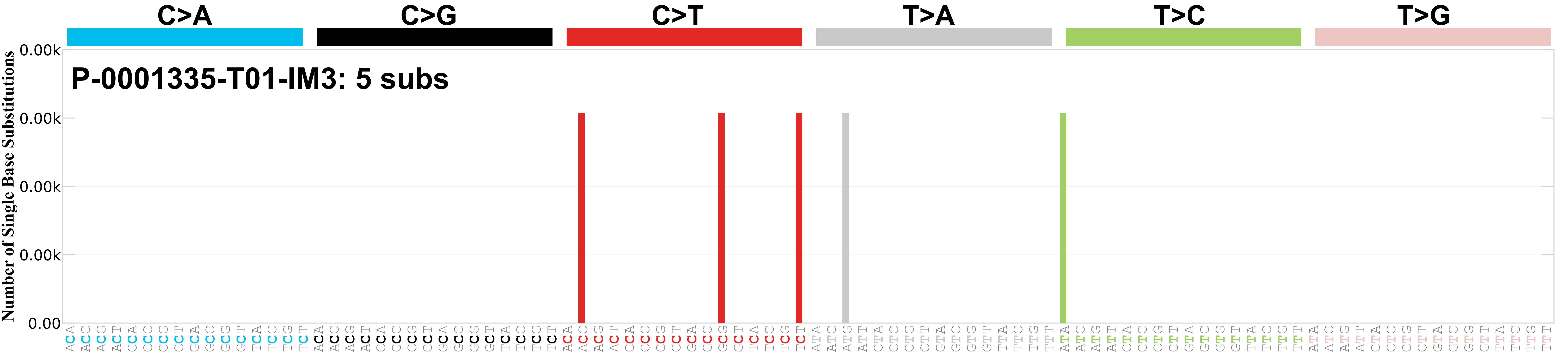


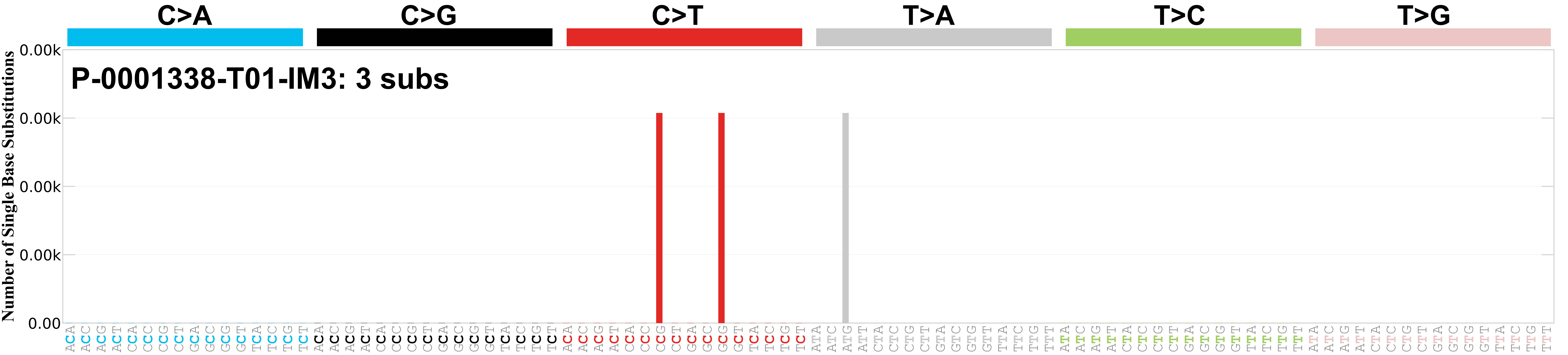


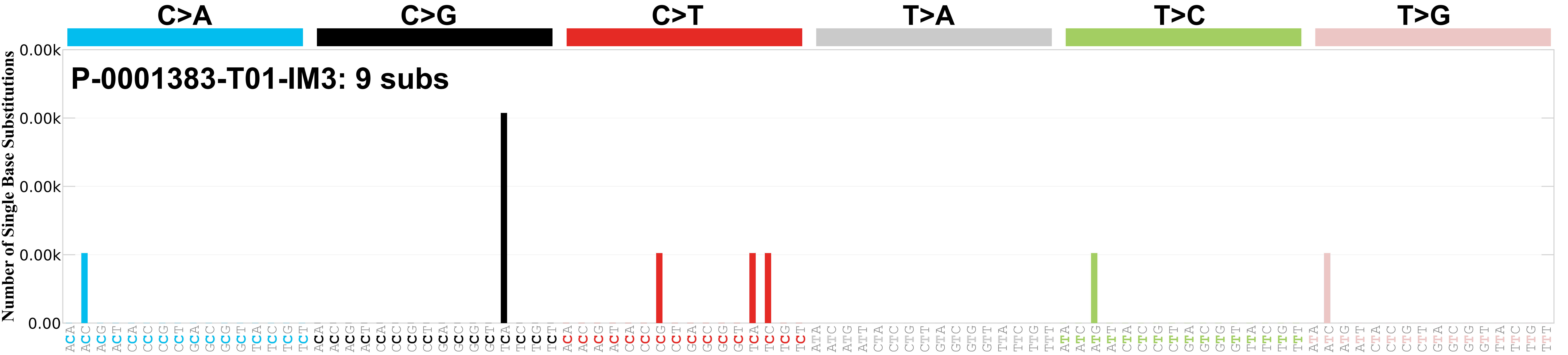


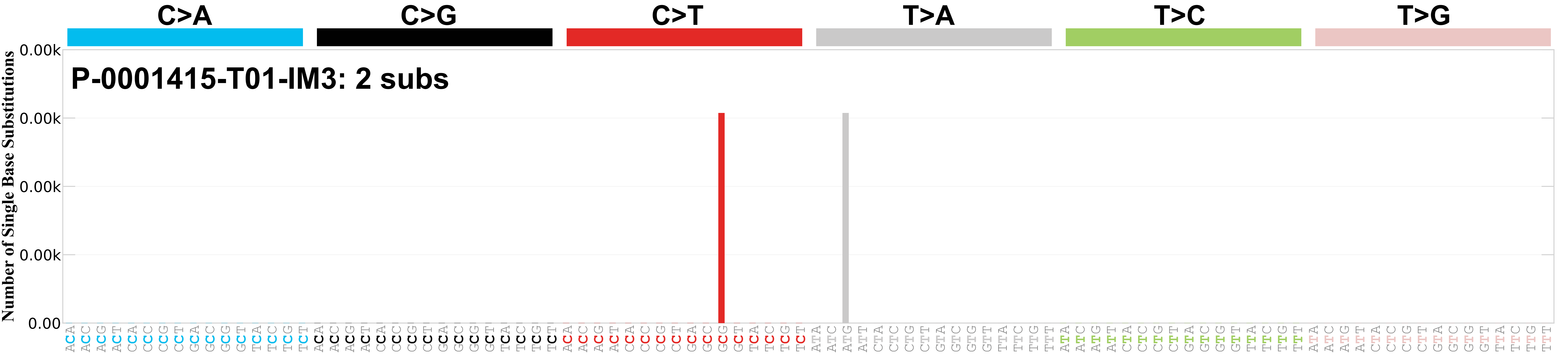


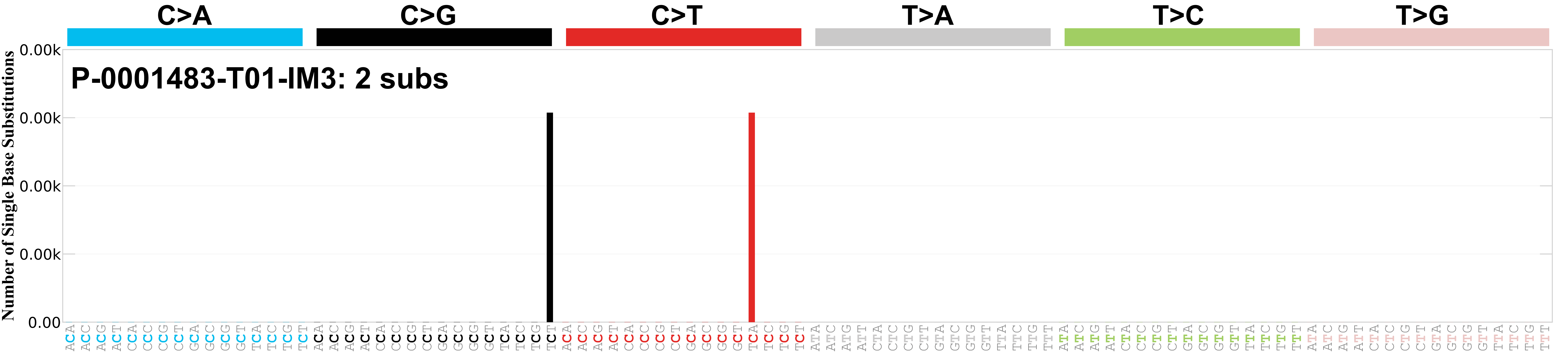


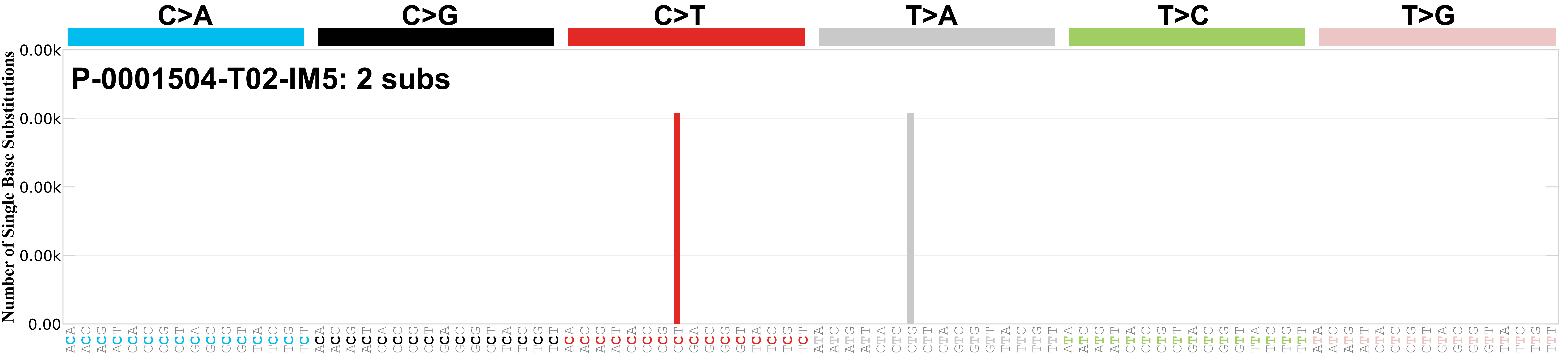


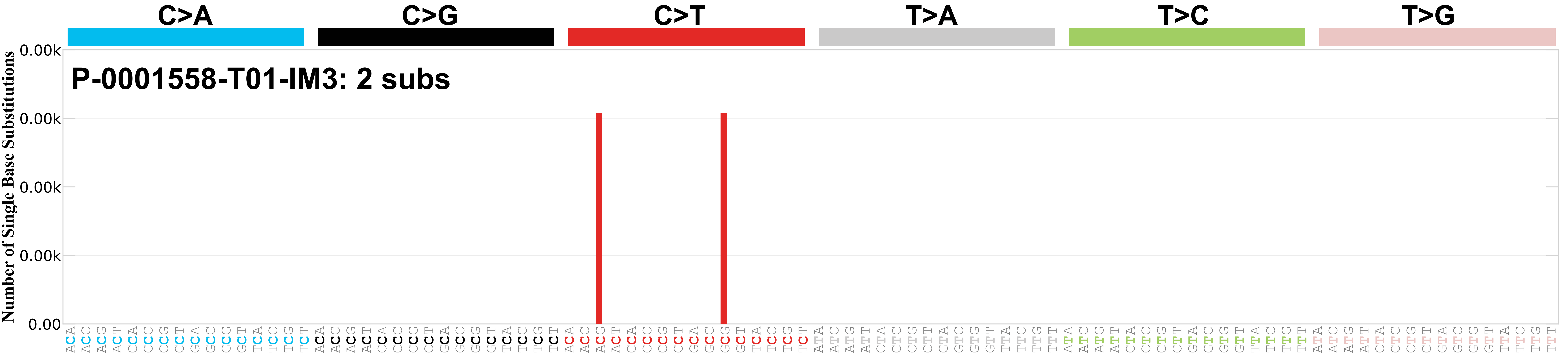


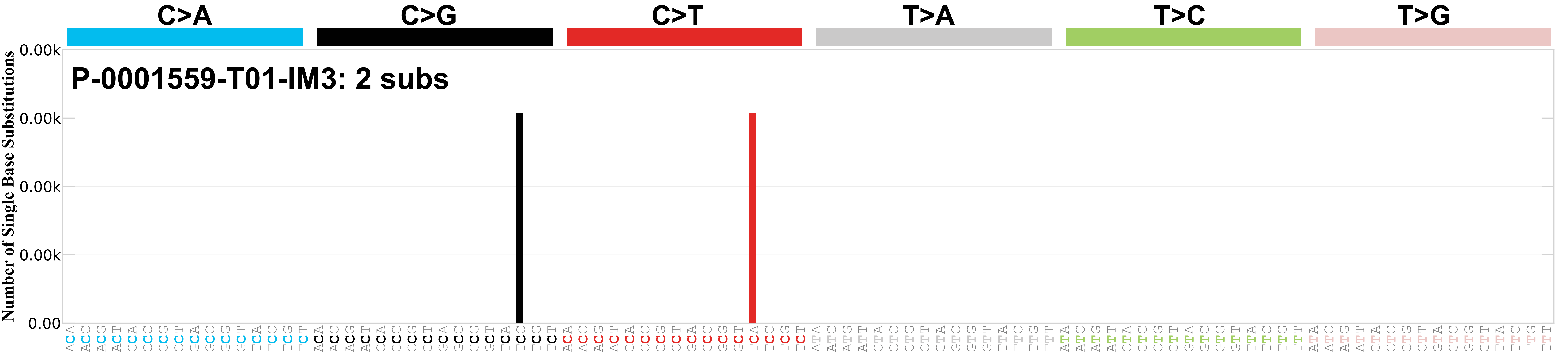


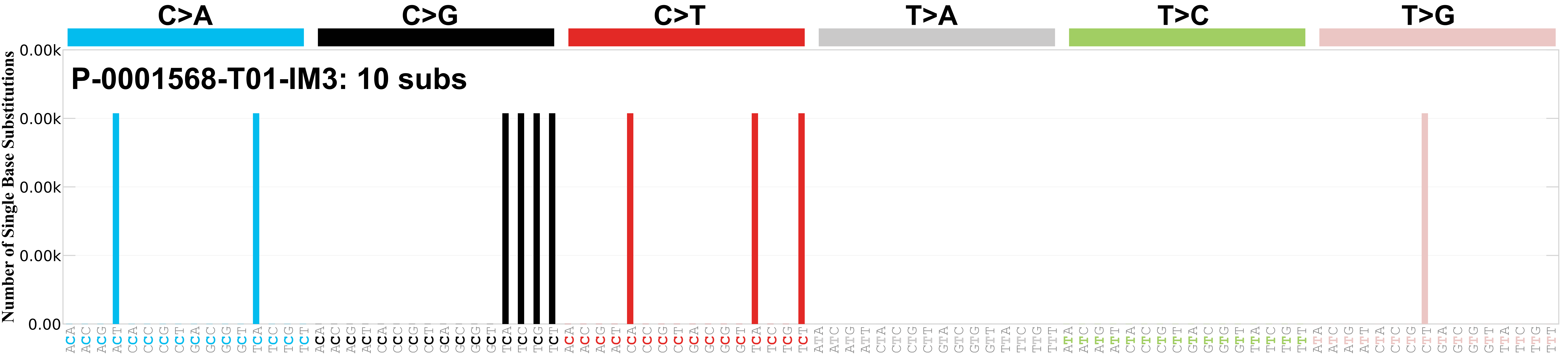


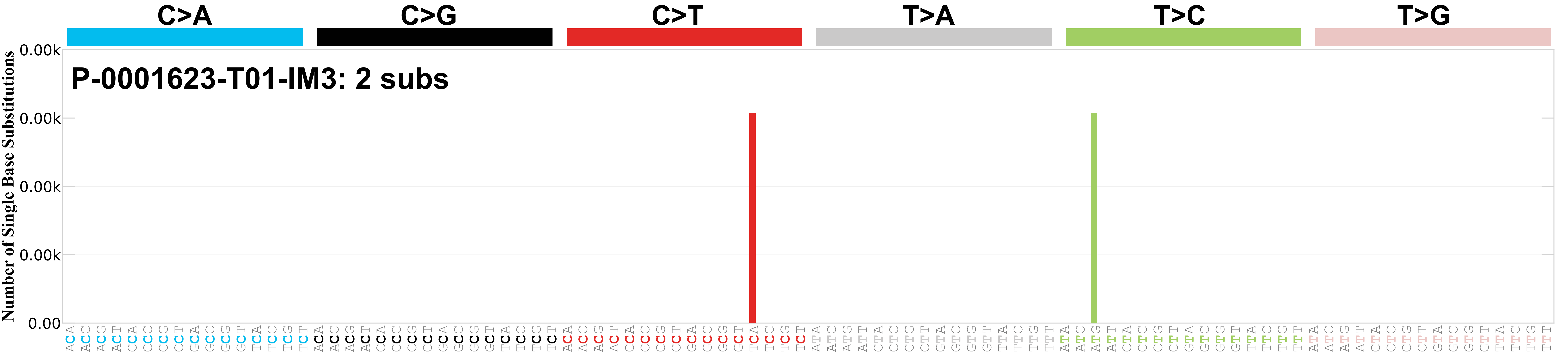


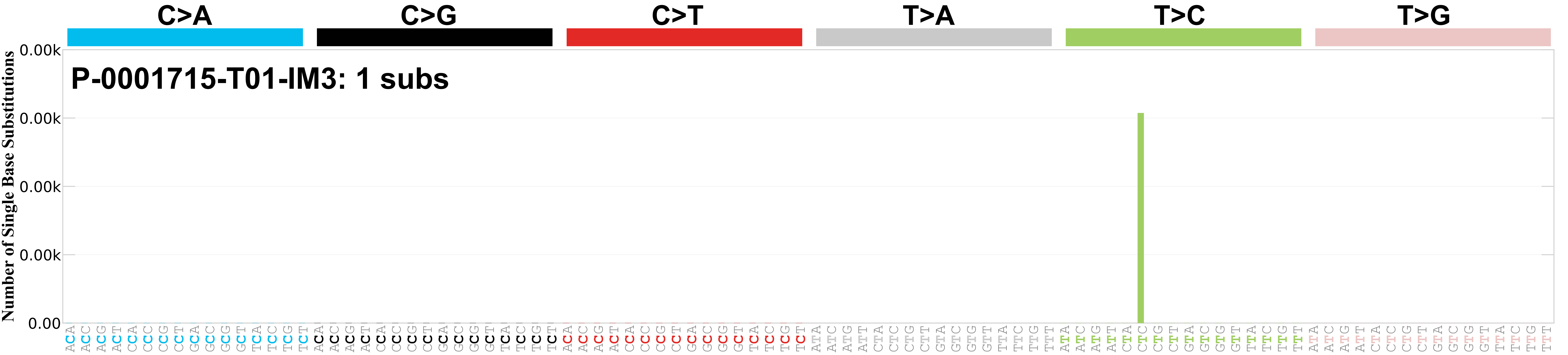


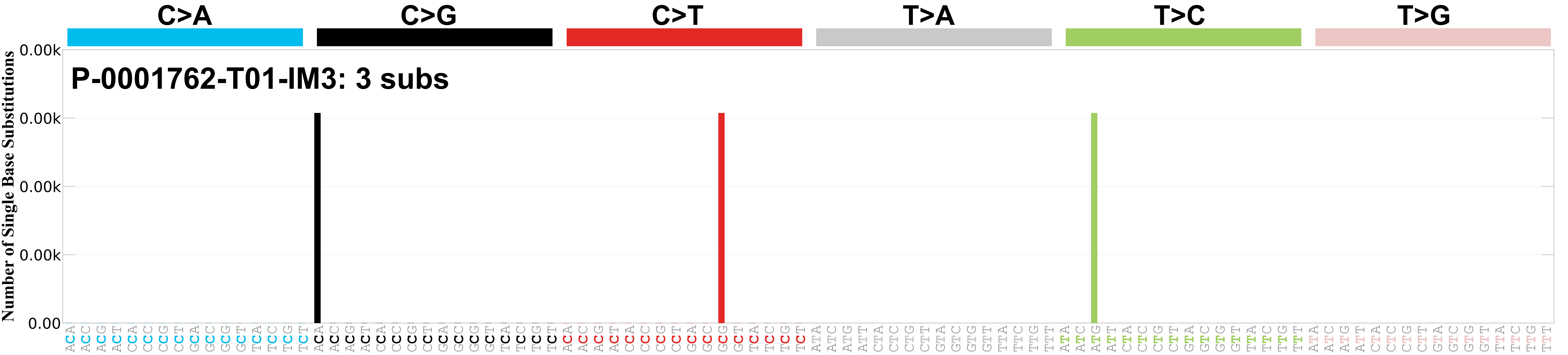


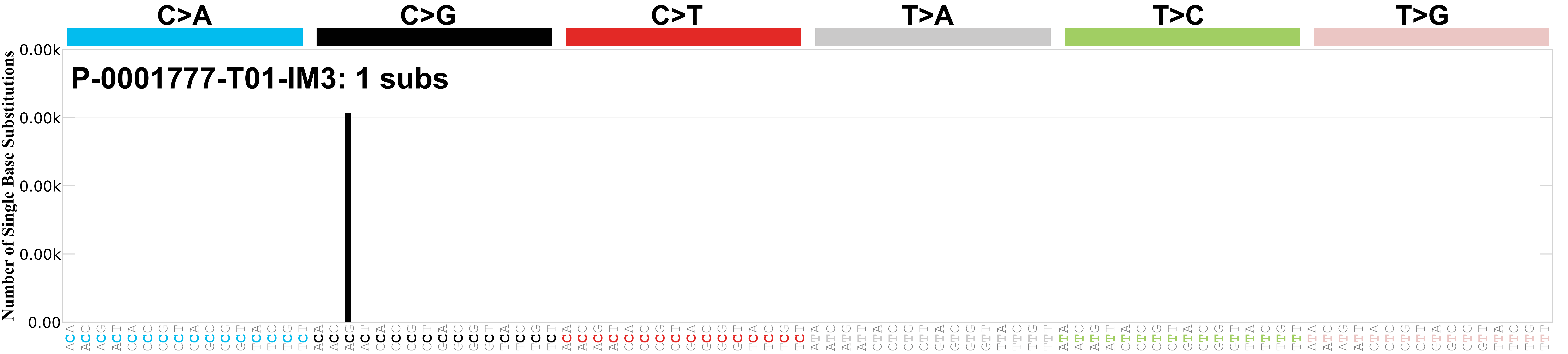


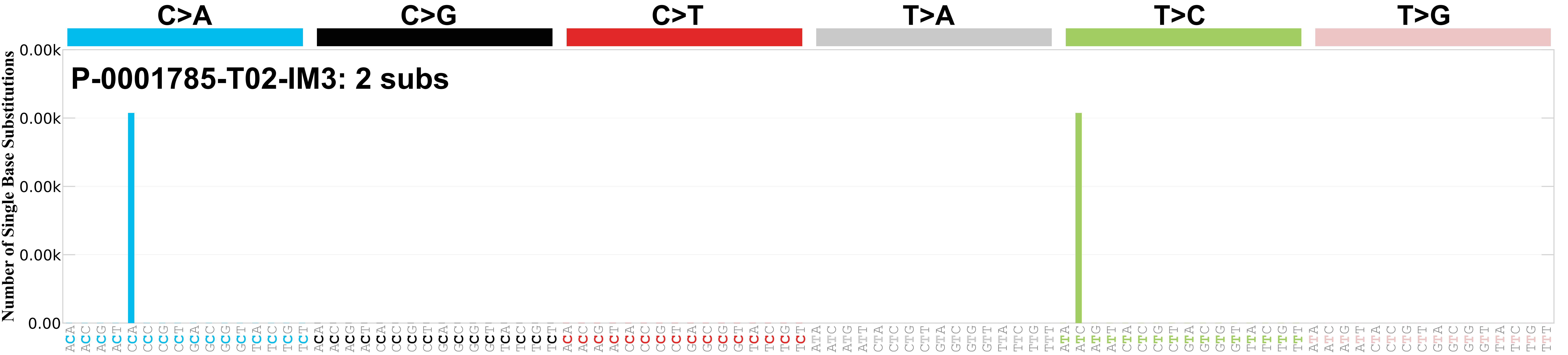


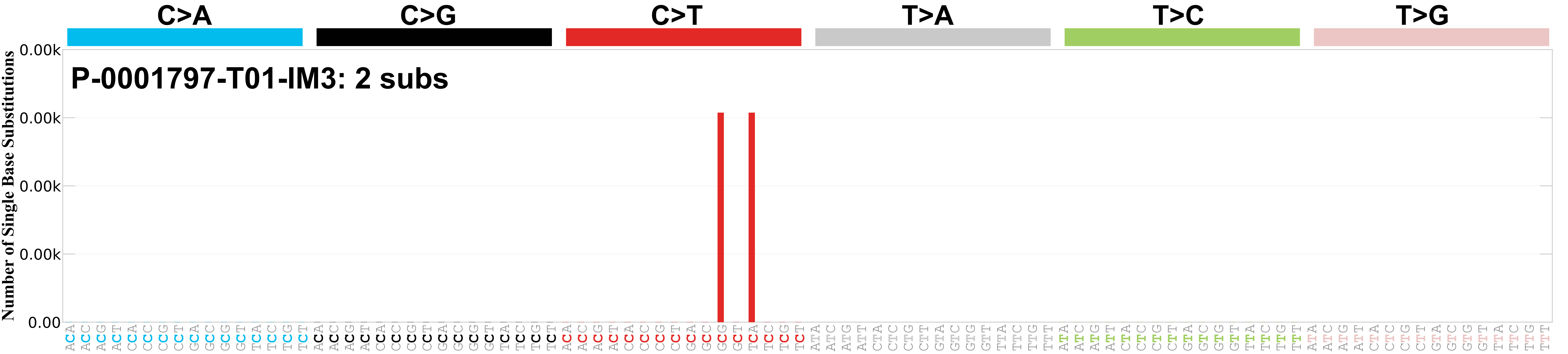


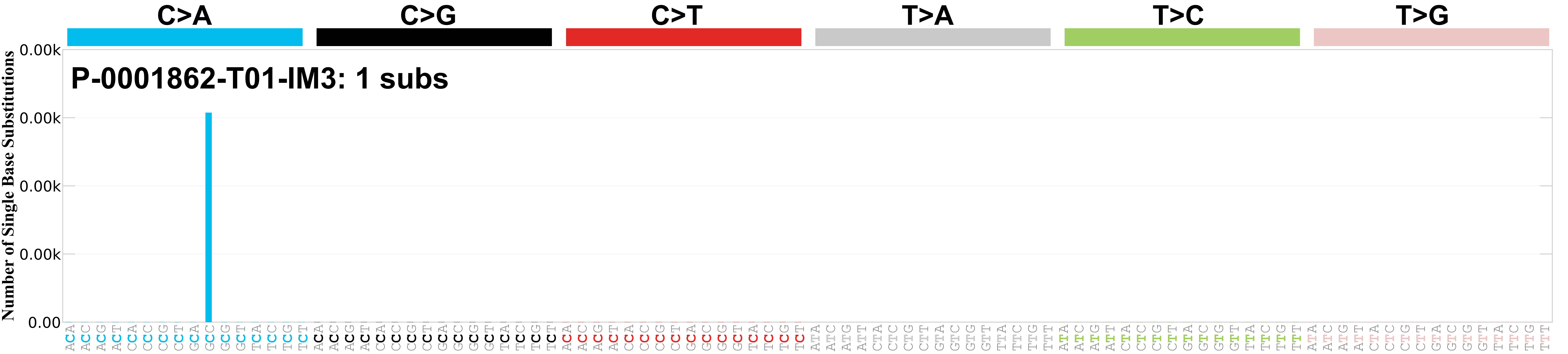


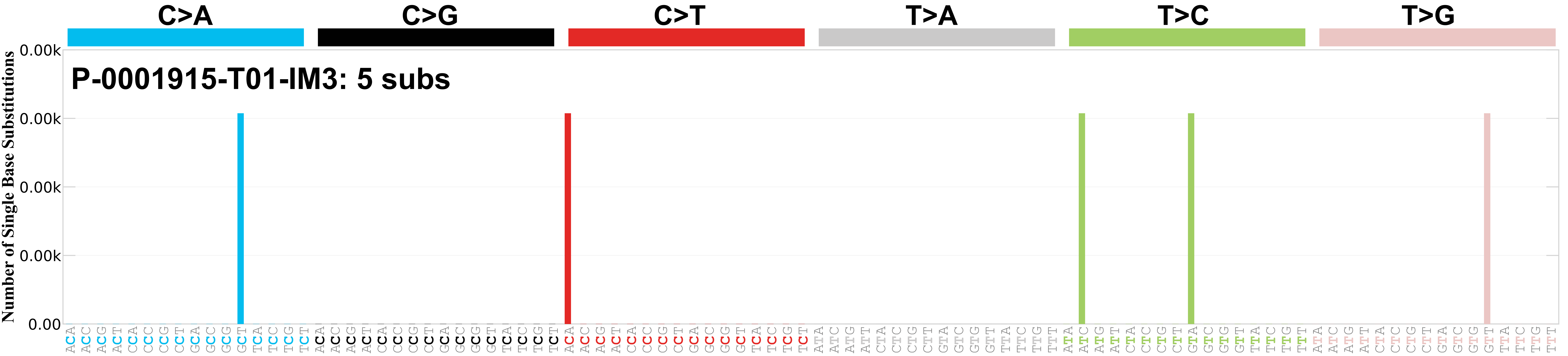


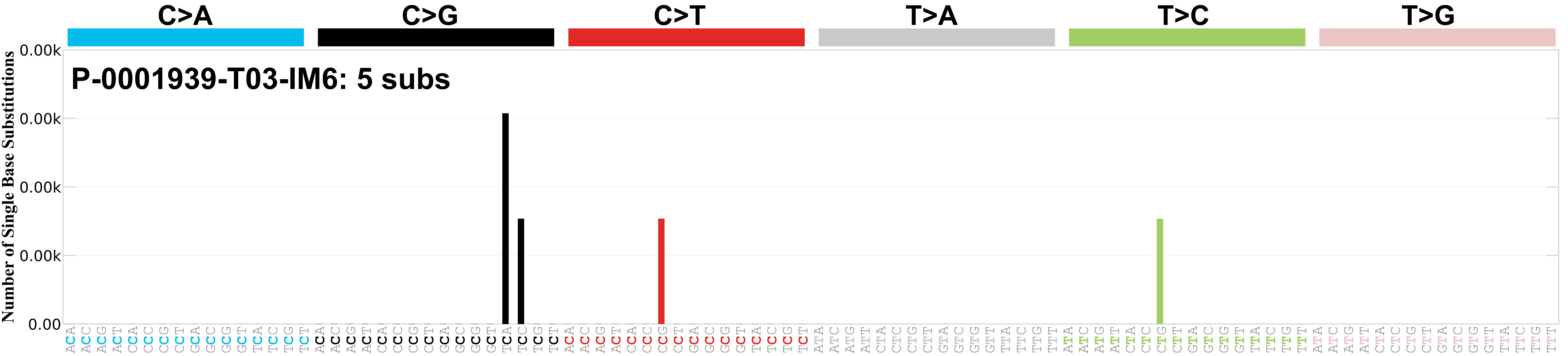


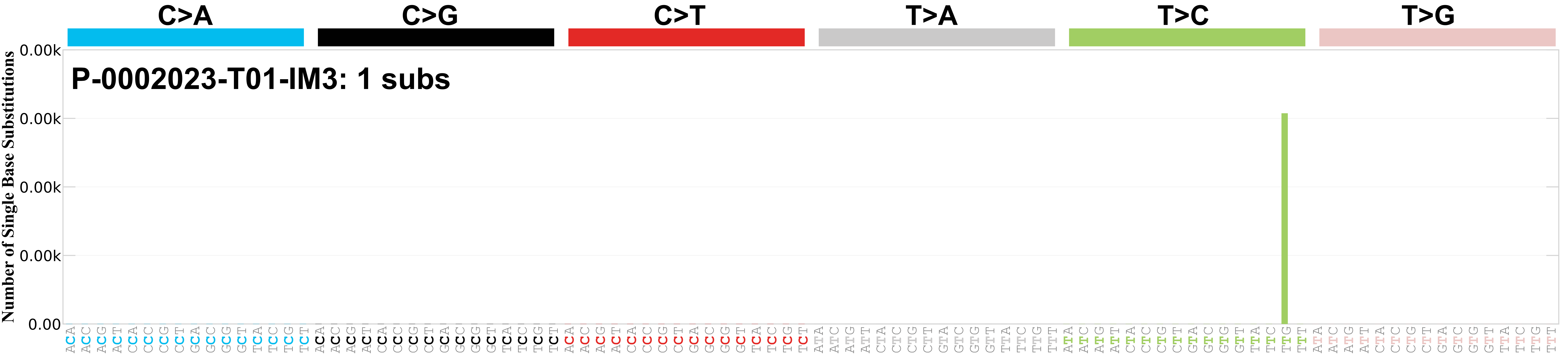


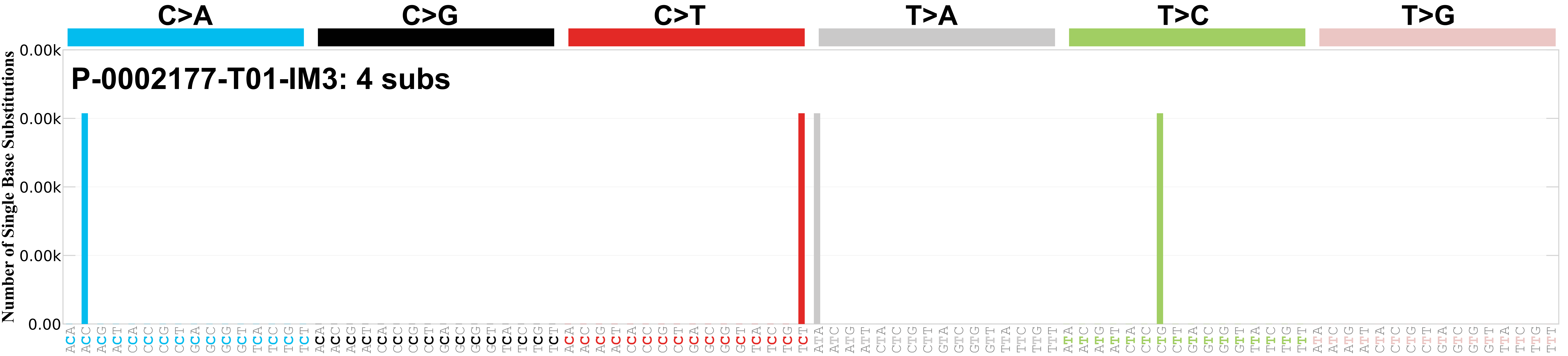


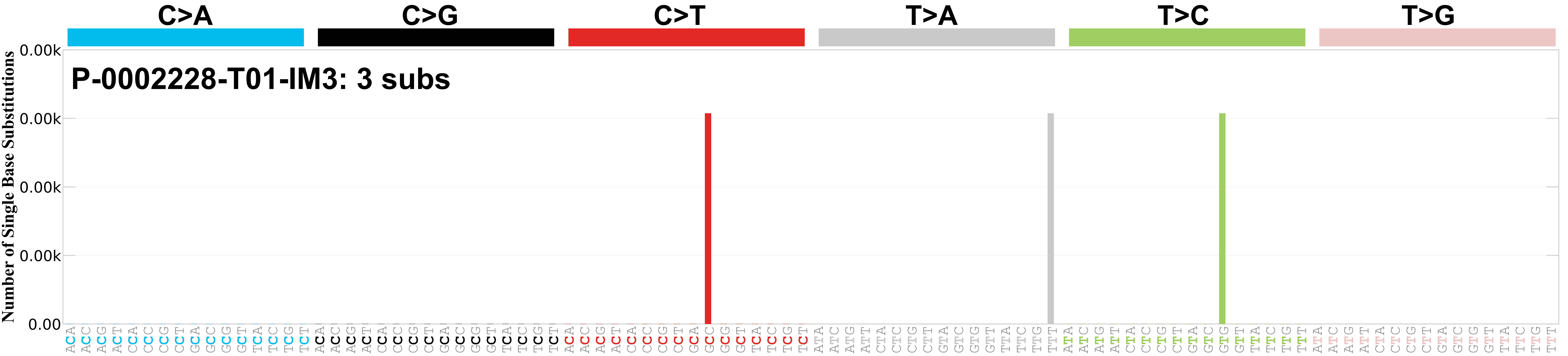


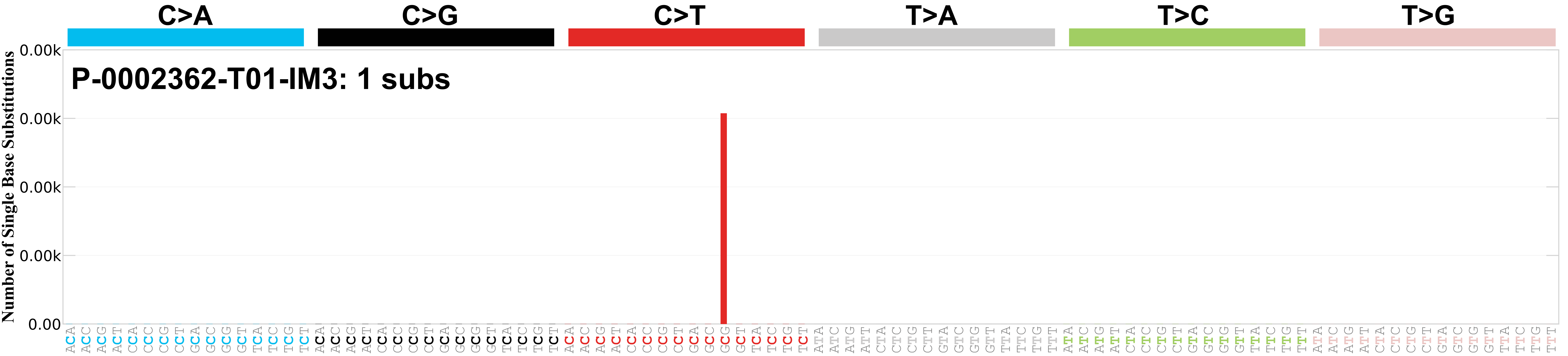


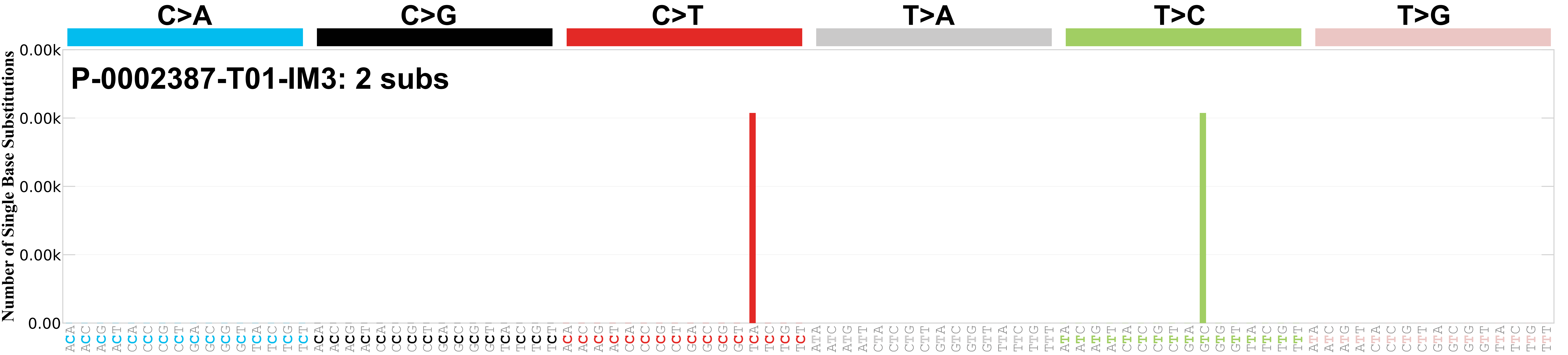












C > A

C > G

C>T

T > A

T>C

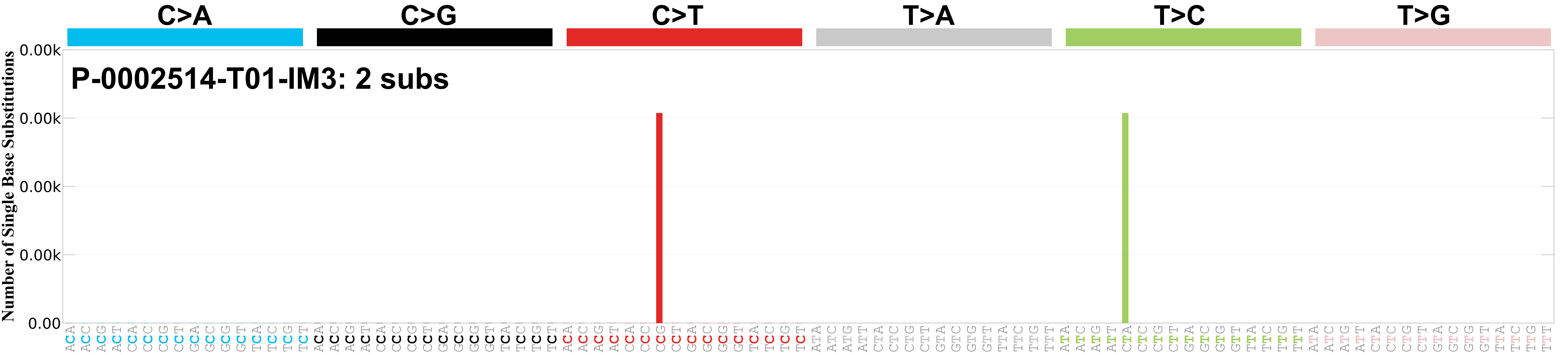
T>G

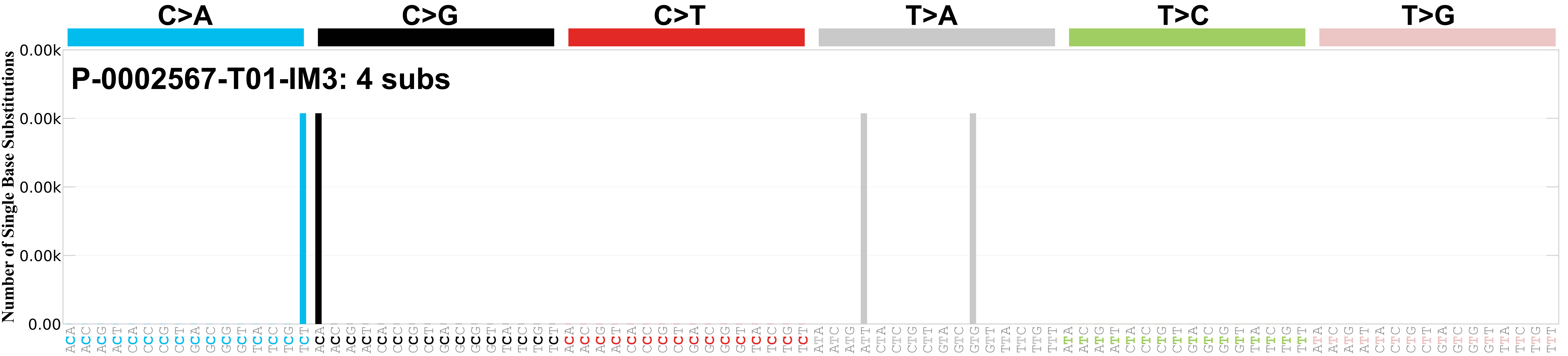
P-0002390-T01-IM3: 0 subs

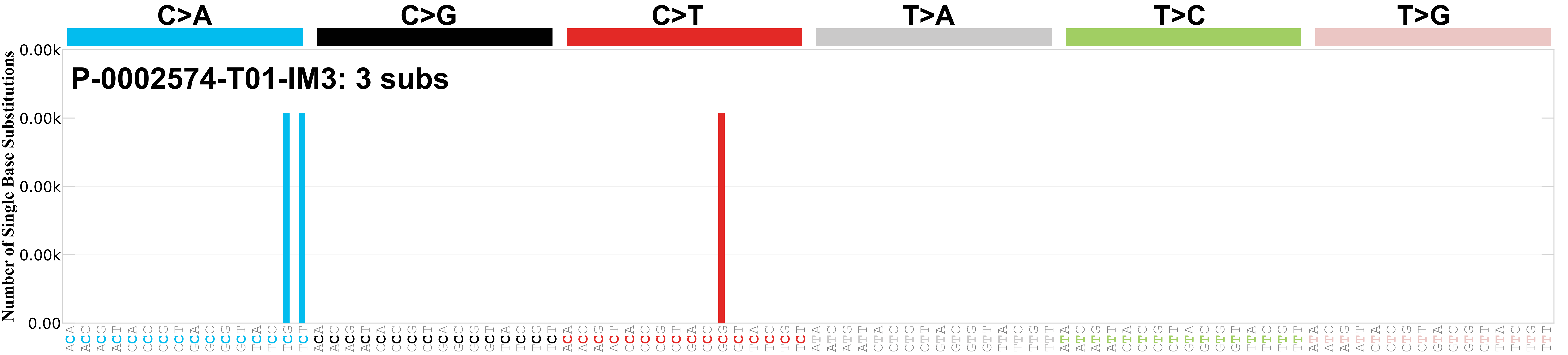
Number of Single Base Substitutions

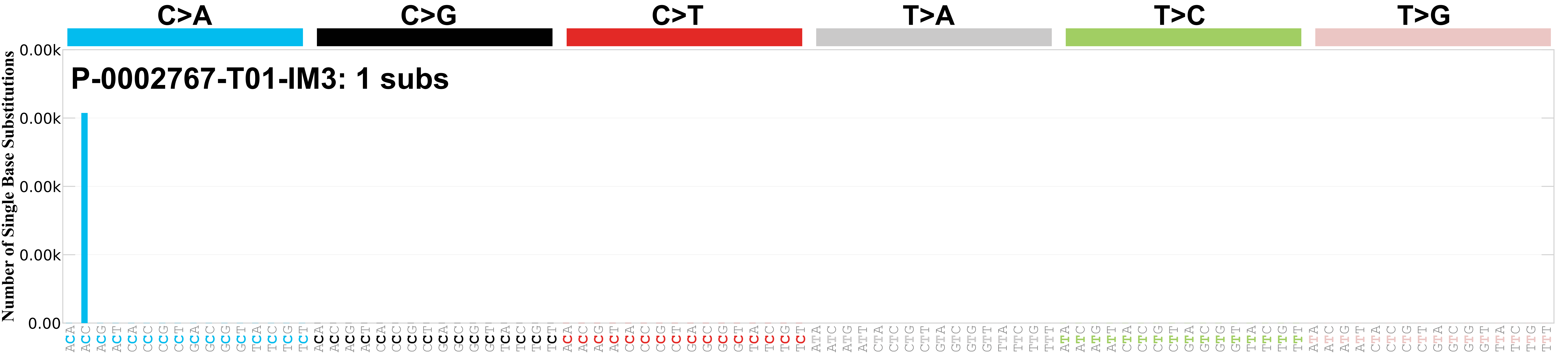
0.00k

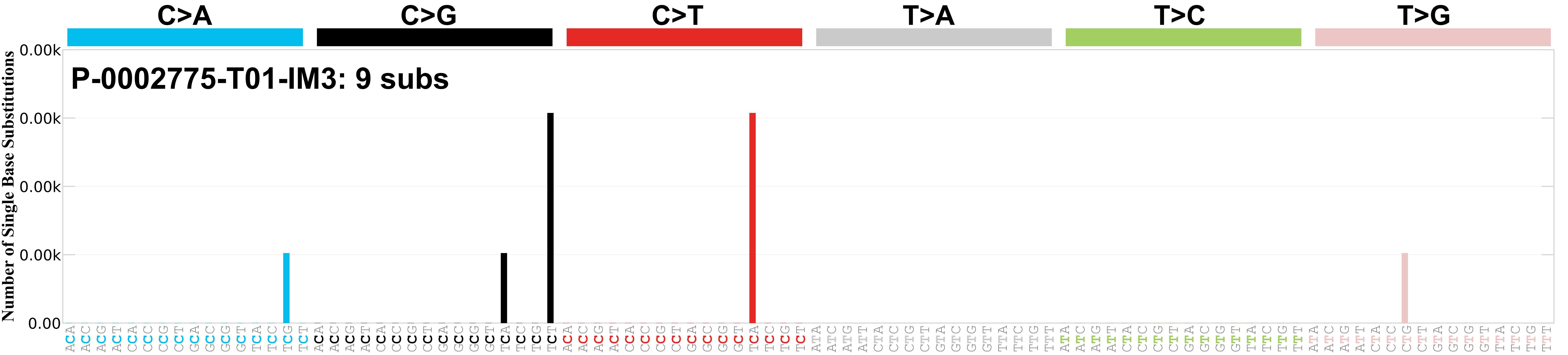
A**C**A
 A**C**C
 A**C**G
 A**C**T
 C**C**A
 C**C**C
 C**C**G
 C**C**T
 G**G**A
 G**G**C
 G**G**G
 G**G**T
 T**T**A
 T**T**C
 T**T**G
 T**T**C
 T**T**C
 A**C**A
 A**C**C
 A**C**G
 A**C**T
 C**C**A
 C**C**C
 C**C**G
 C**C**T
 G**G**A
 G**G**C
 G**G**G
 G**G**T
 T**T**A
 T**T**C
 T**T**G
 T**T**C
 T**T**C
 T**T**G
 T**T**T
 T**T**T
 T**T**T
 A**T**A
 A**T**C
 A**T**G
 A**T**T
 C**T**A
 C**T**C
 C**T**G
 C**T**T
 G**T**A
 G**T**C
 G**T**G
 G**T**T
 T**T**A
 T**T**C
 T**T**G
 T**T**T
 A**T**A
 A**T**C
 A**T**G
 A**T**T
 C**T**A
 C**T**C
 C**T**G
 C**T**T
 G**T**A
 G**T**C
 G**T**G
 G**T**T
 T**T**A
 T**T**C
 T**T**G
 T**T**T
 A**T**A
 A**T**C
 A**T**G
 A**T**T
 C**T**A
 C**T**C
 C**T**G
 C**T**T
 G**T**A
 G**T**C
 G**T**G
 G**T**T
 T**T**A
 T**T**C
 T**T**G
 T**T**T

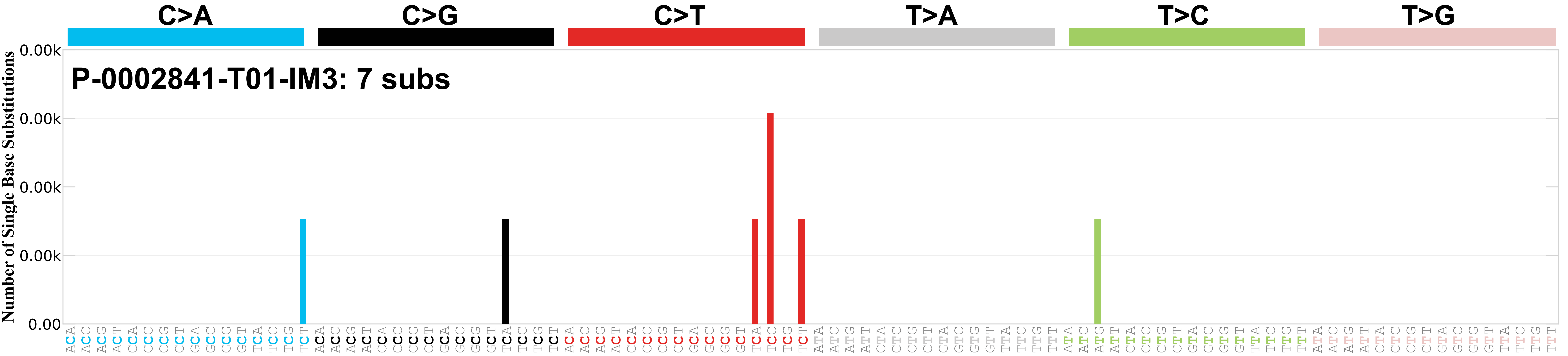


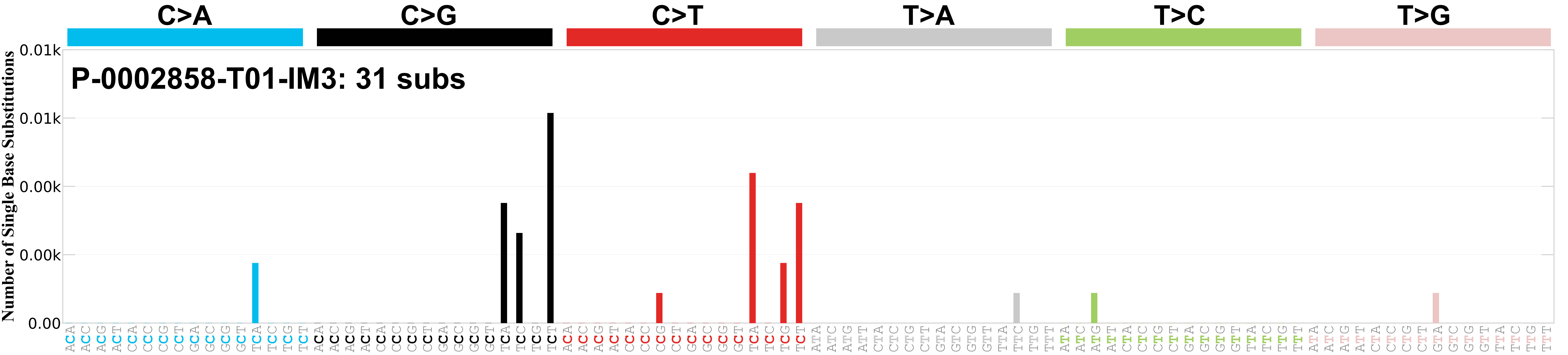


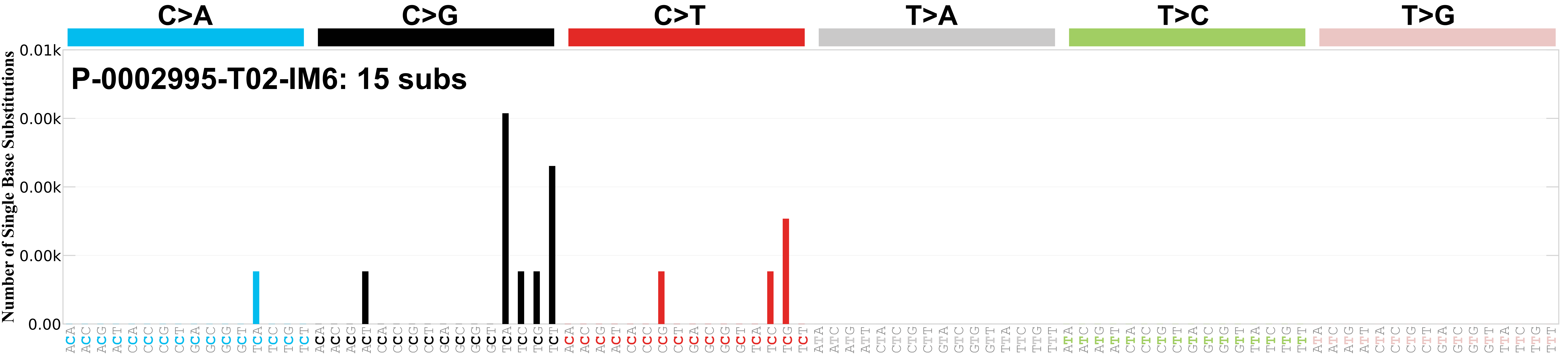


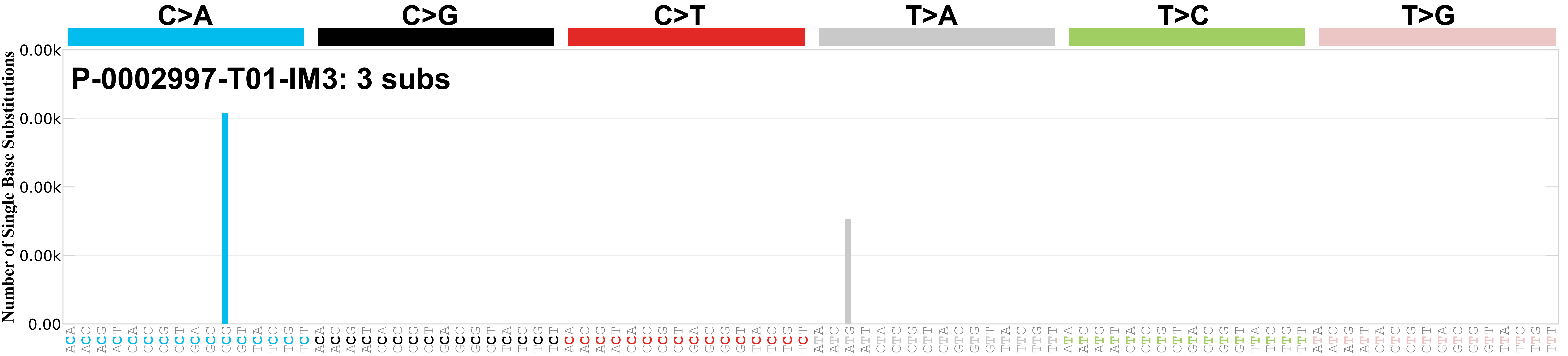


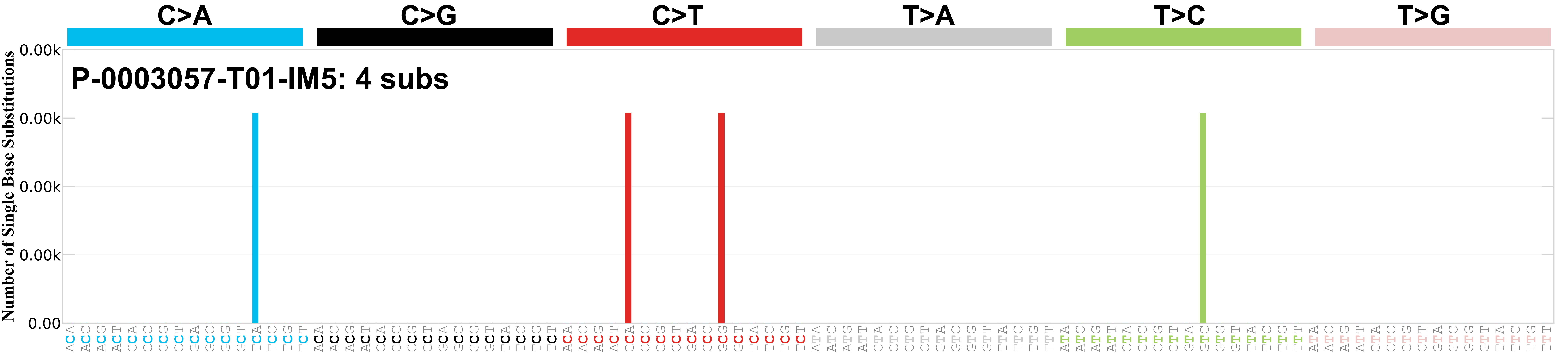


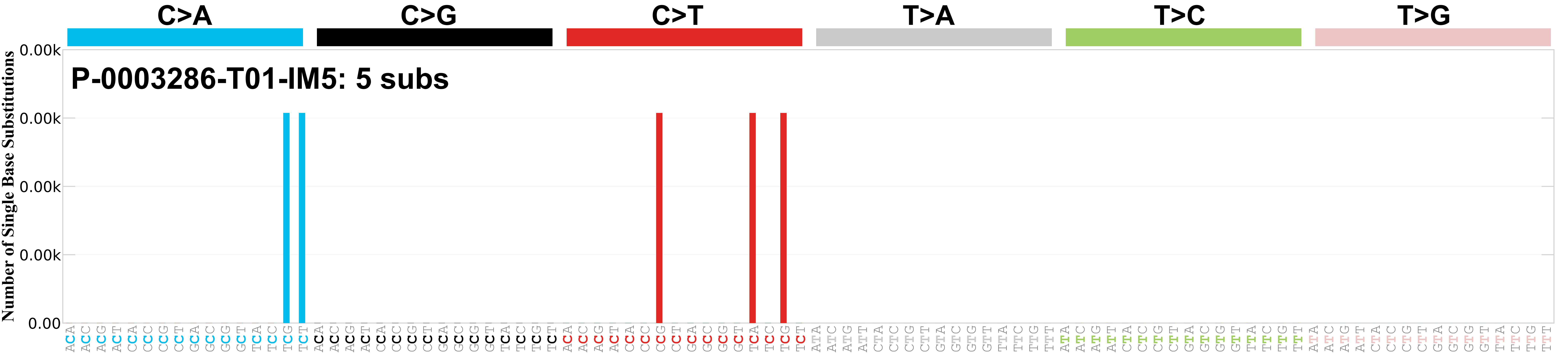


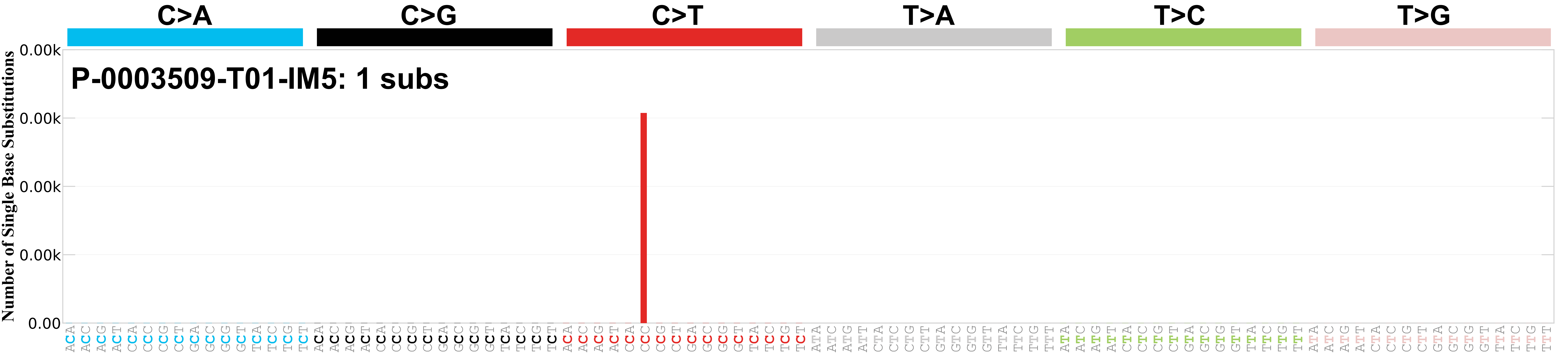


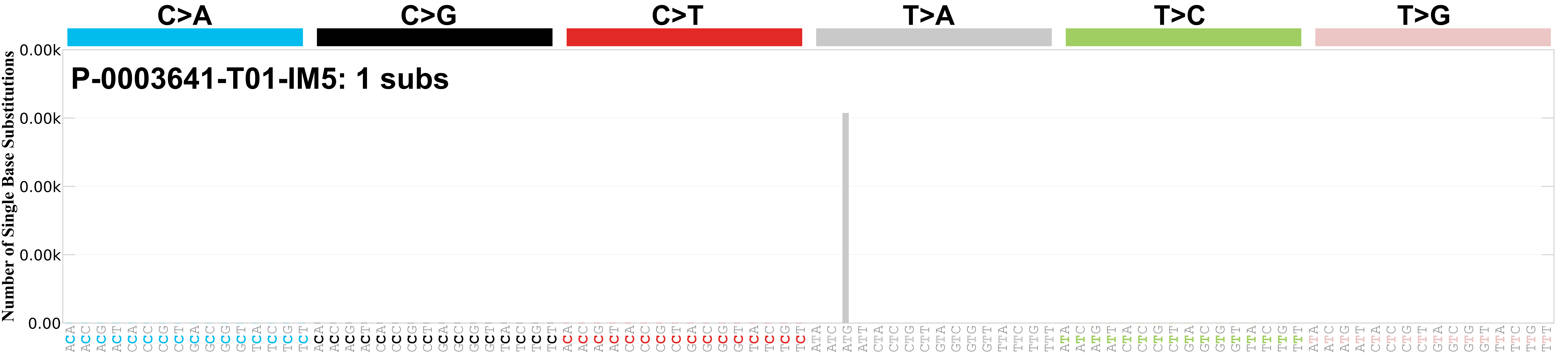


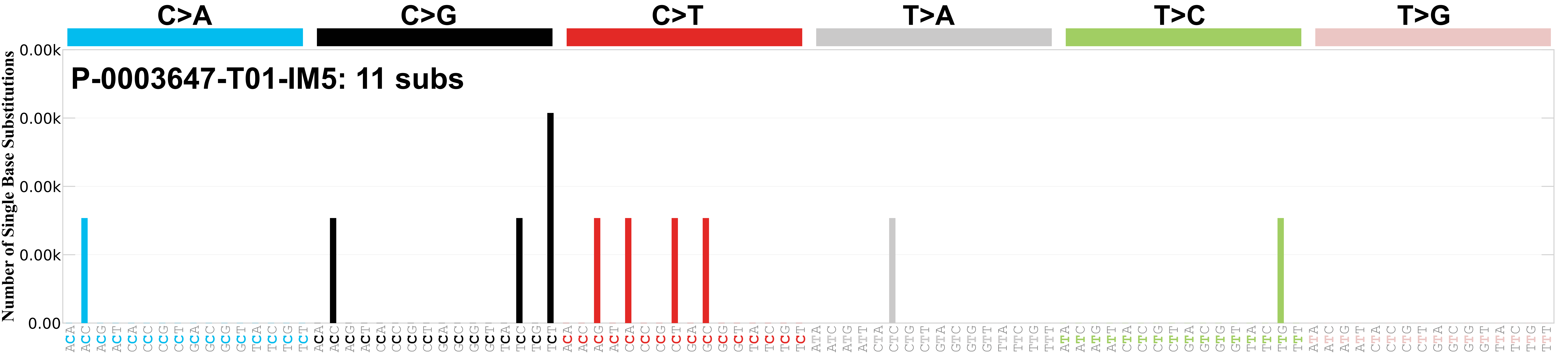


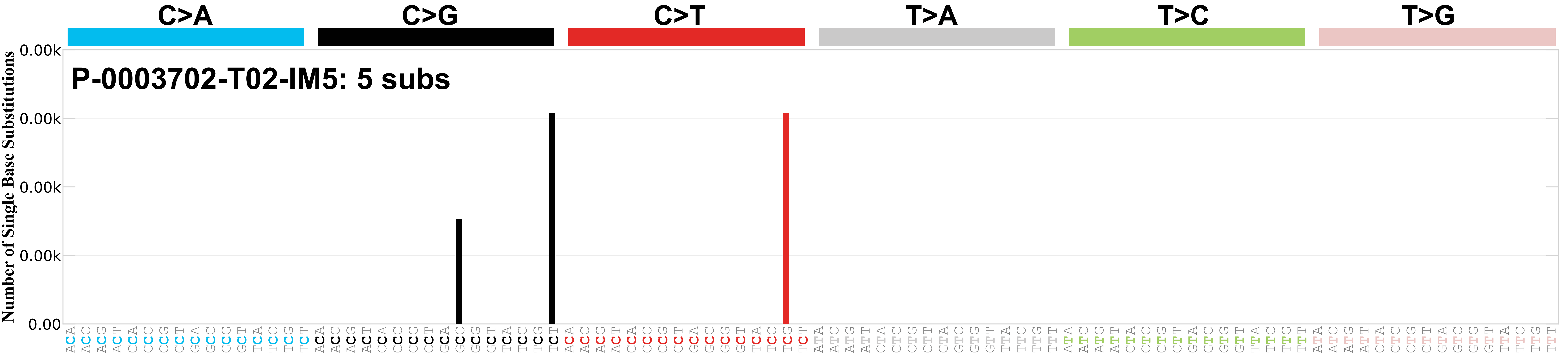


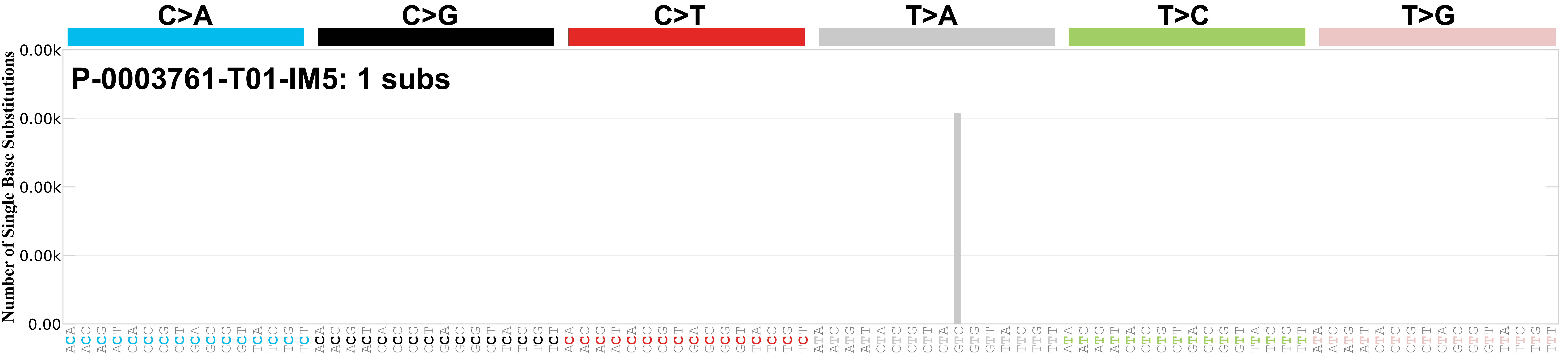


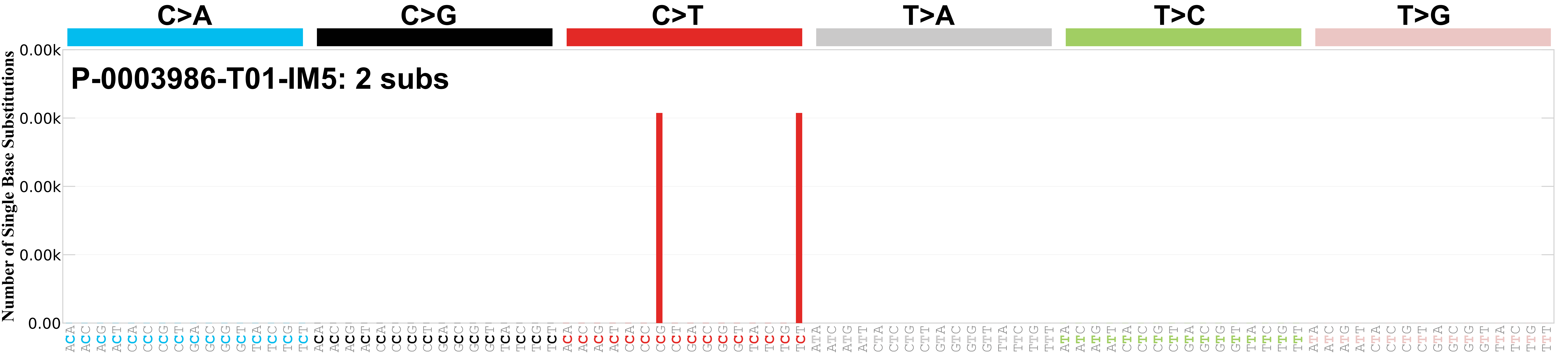


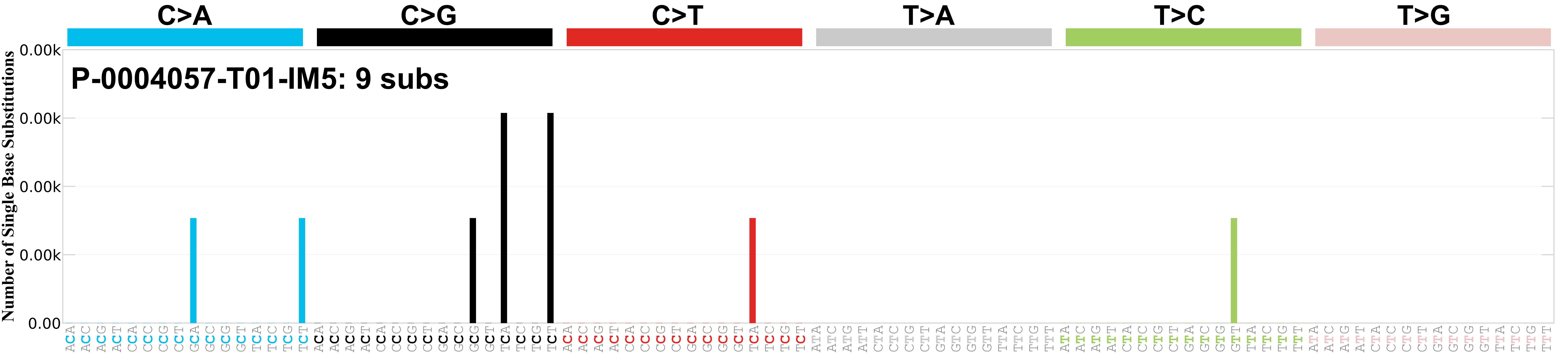


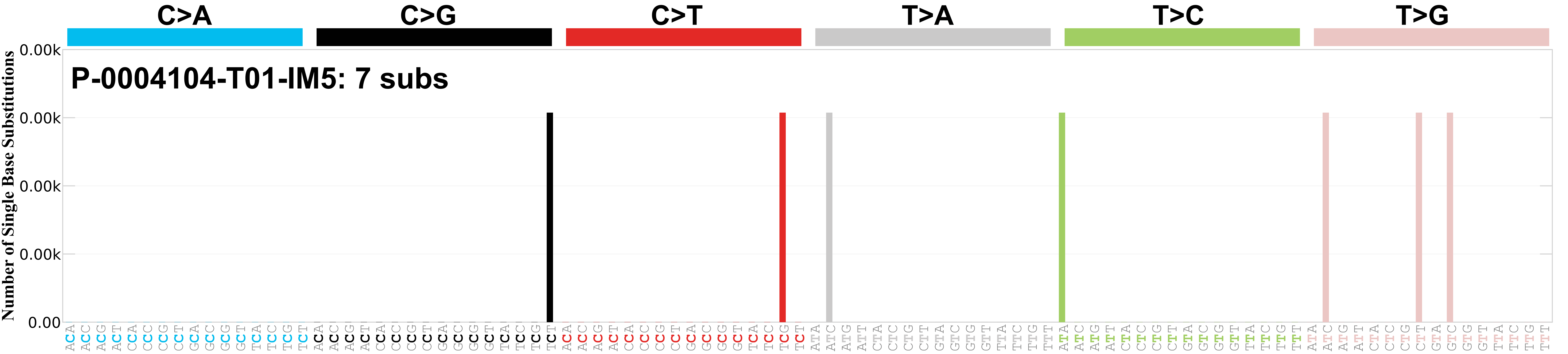


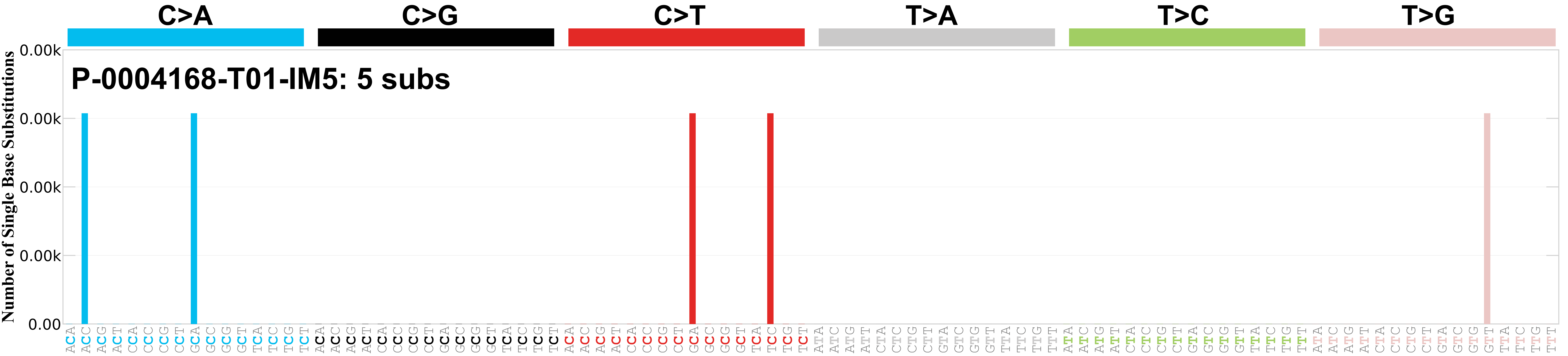


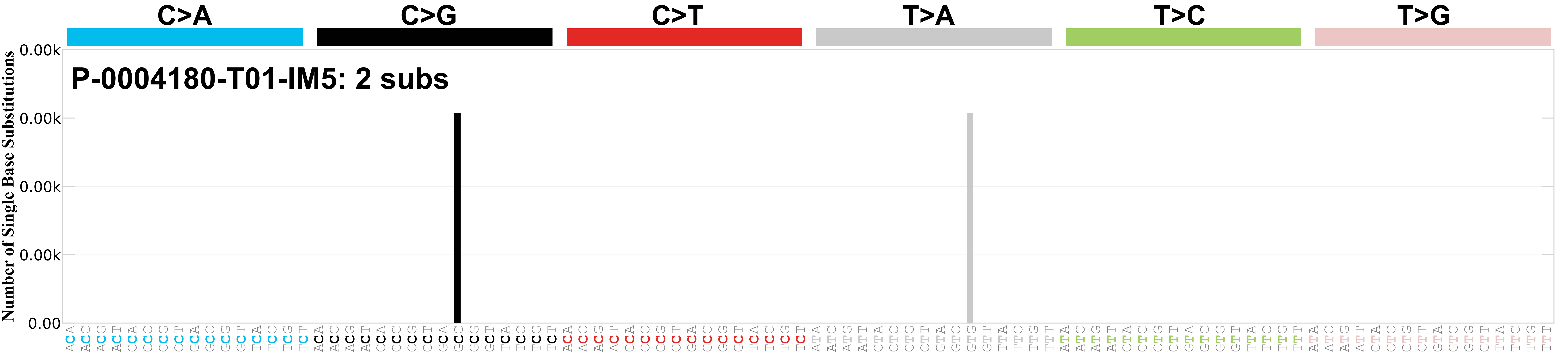


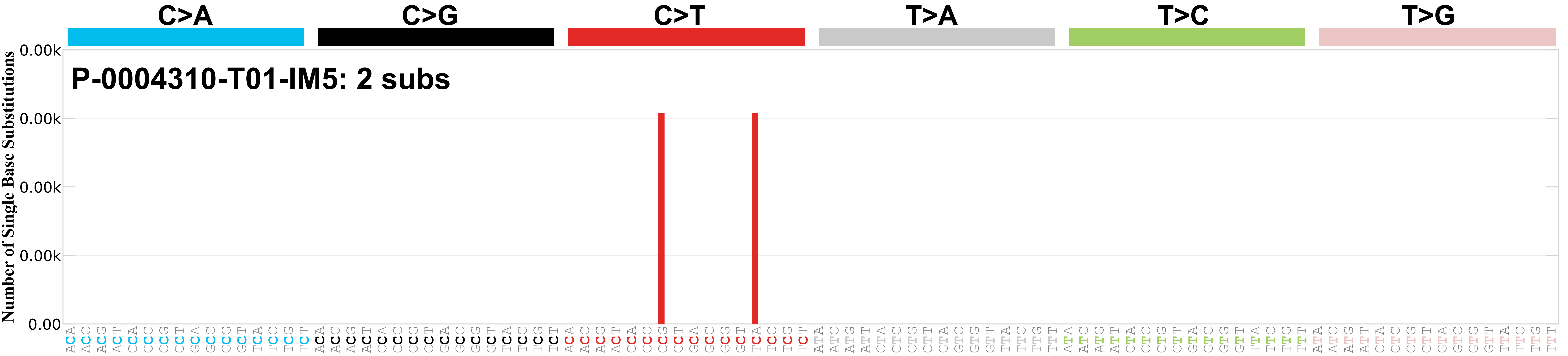


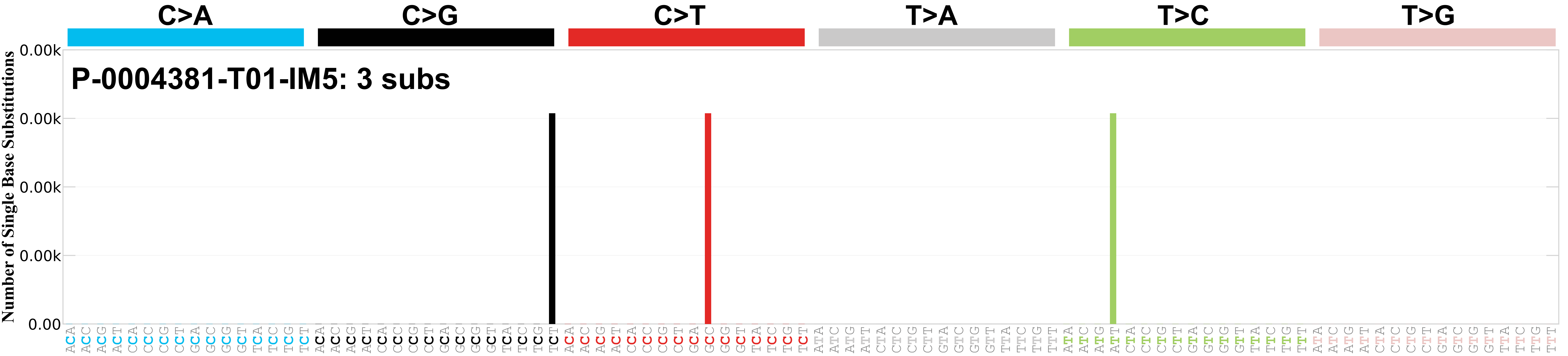


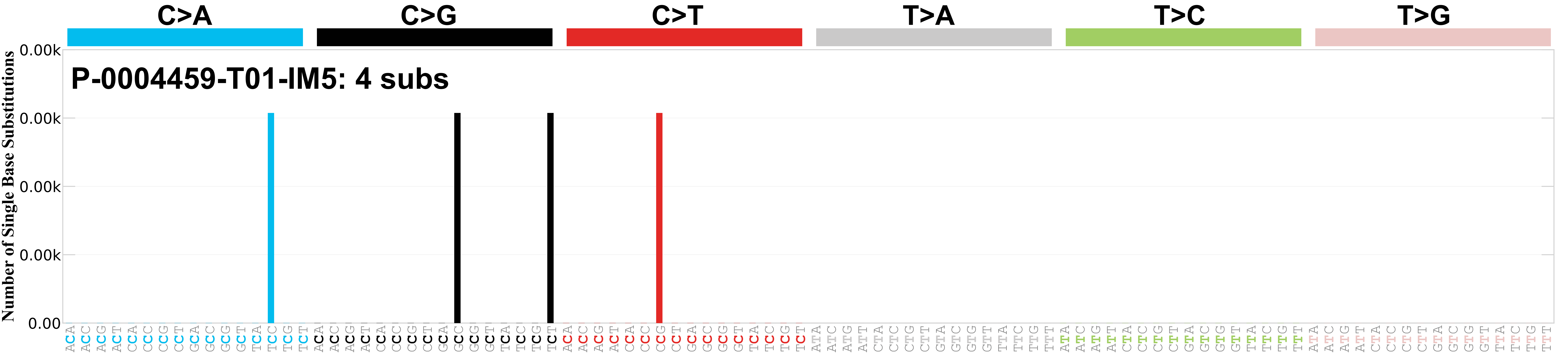


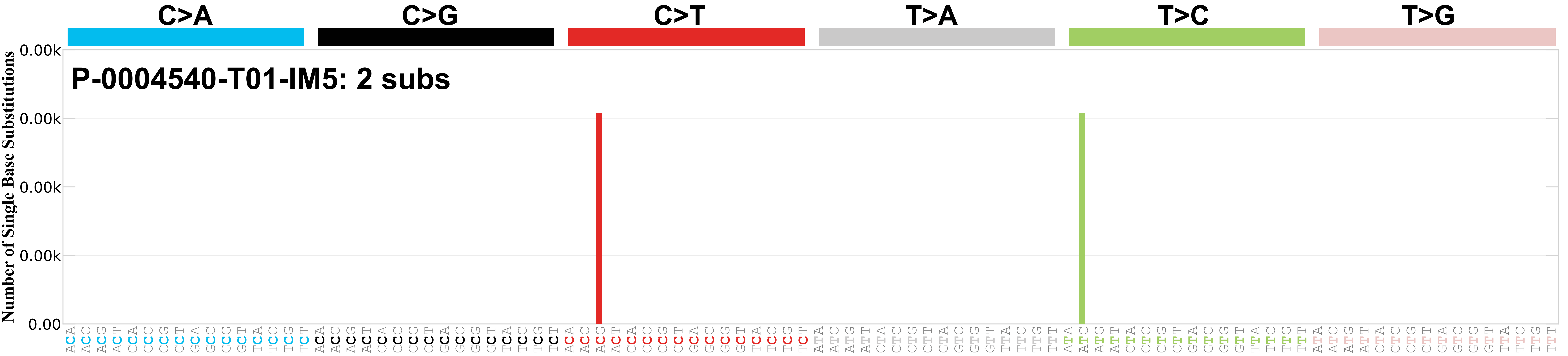


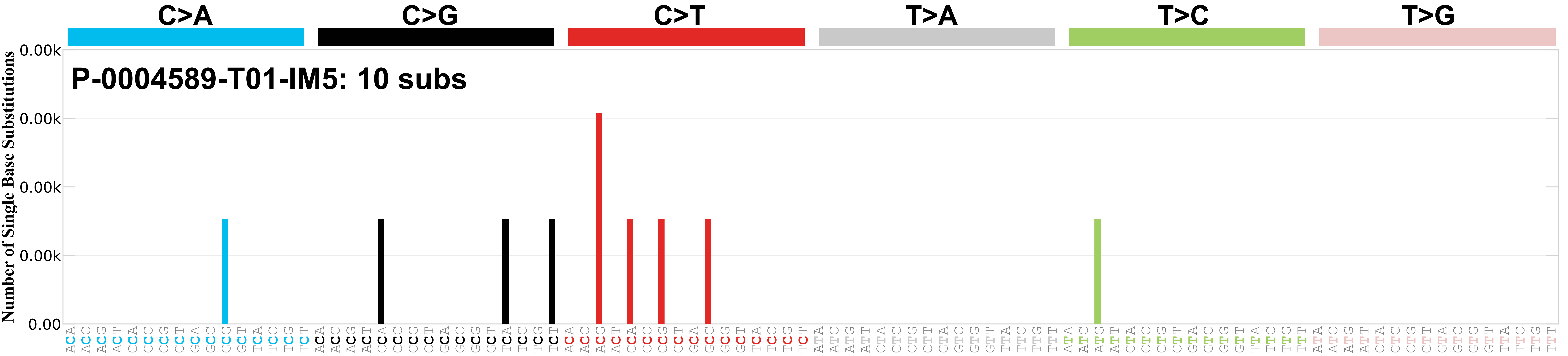


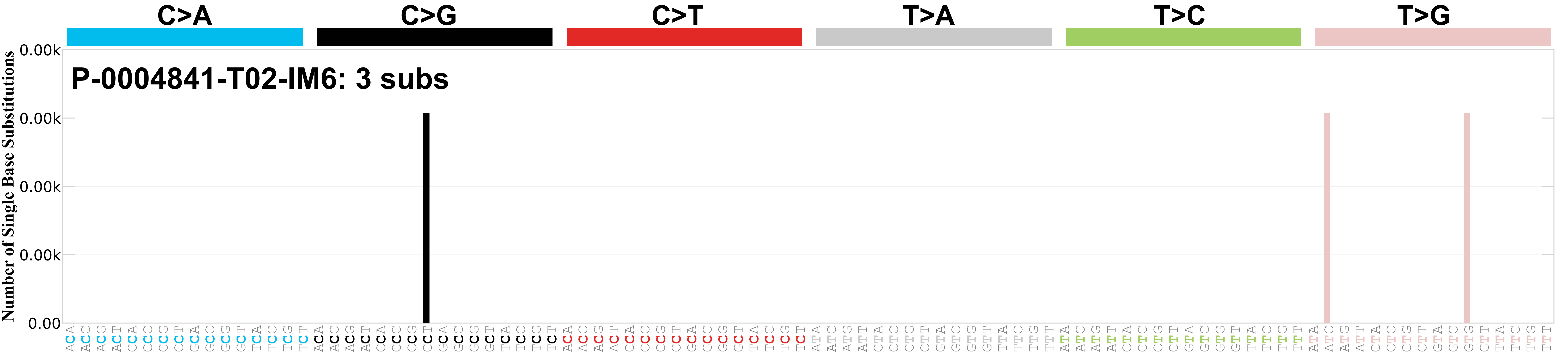


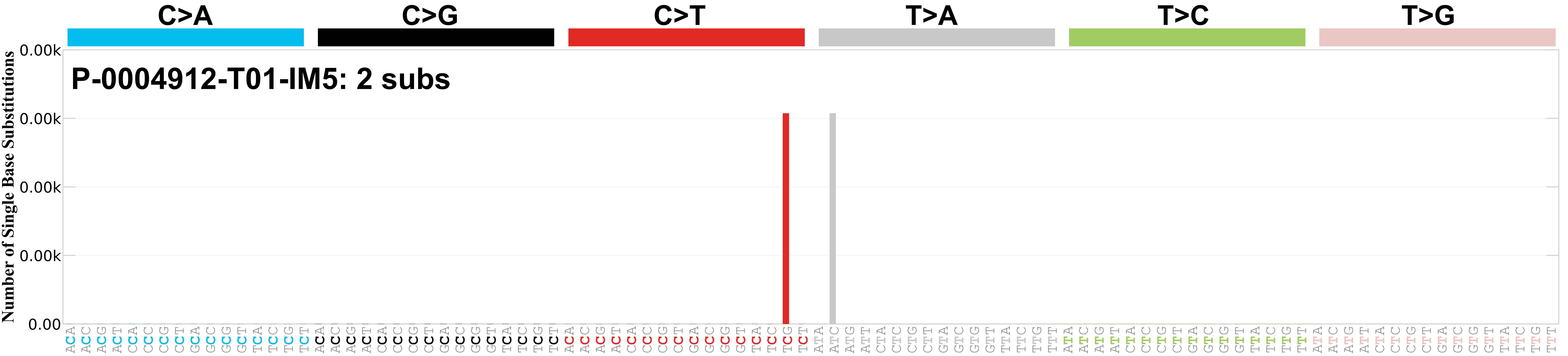


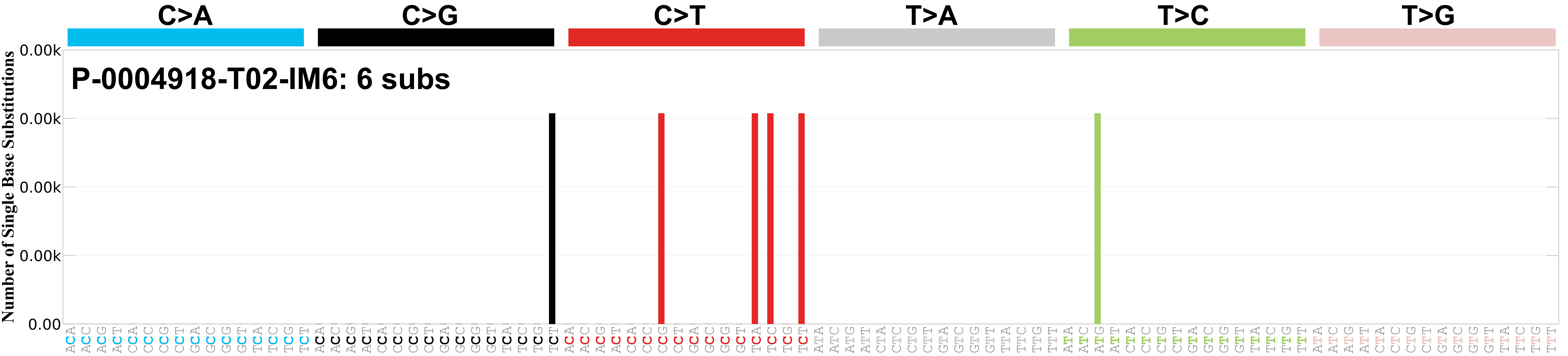


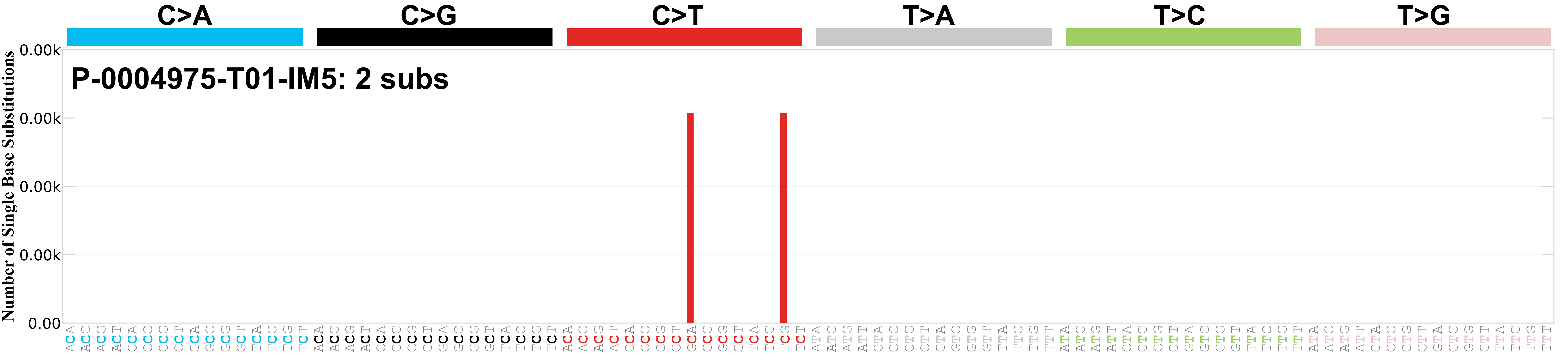


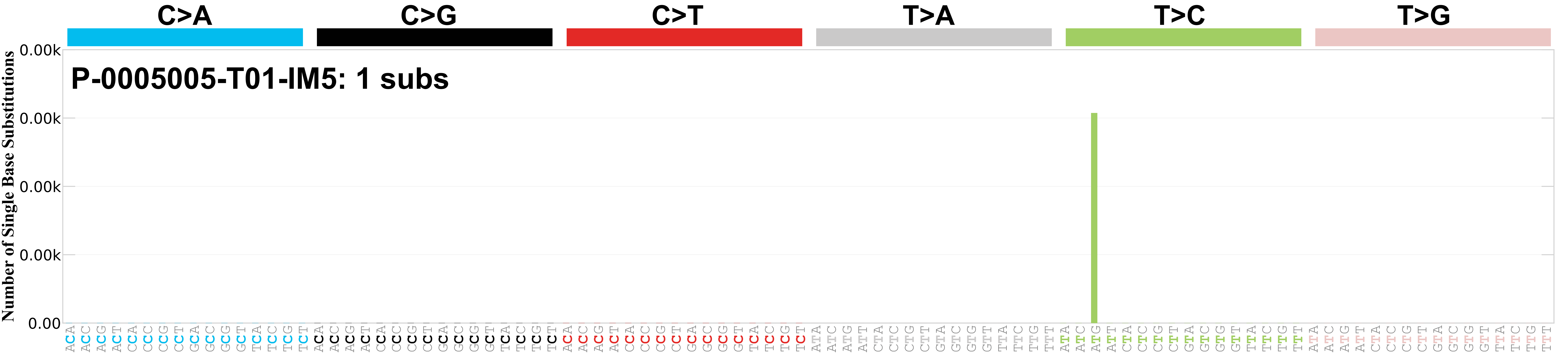


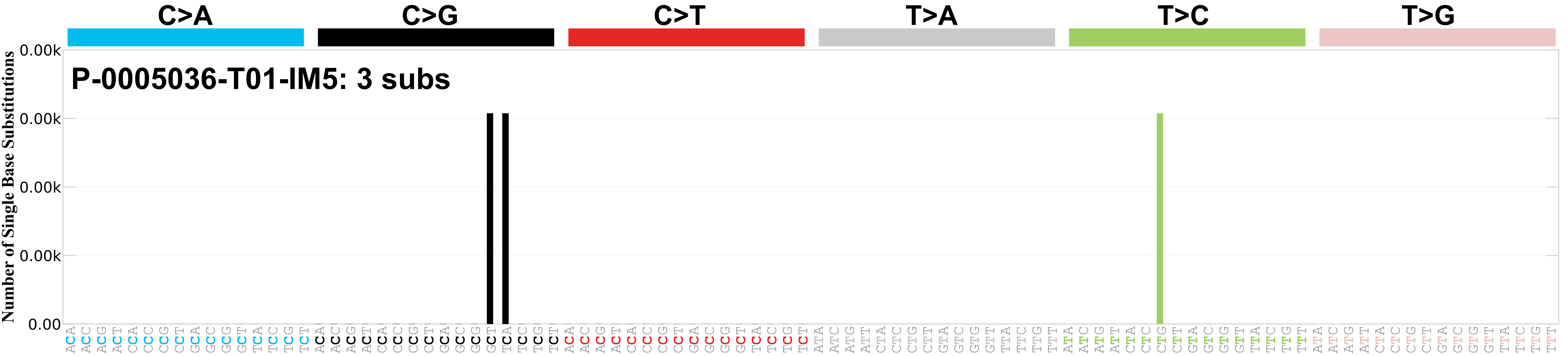


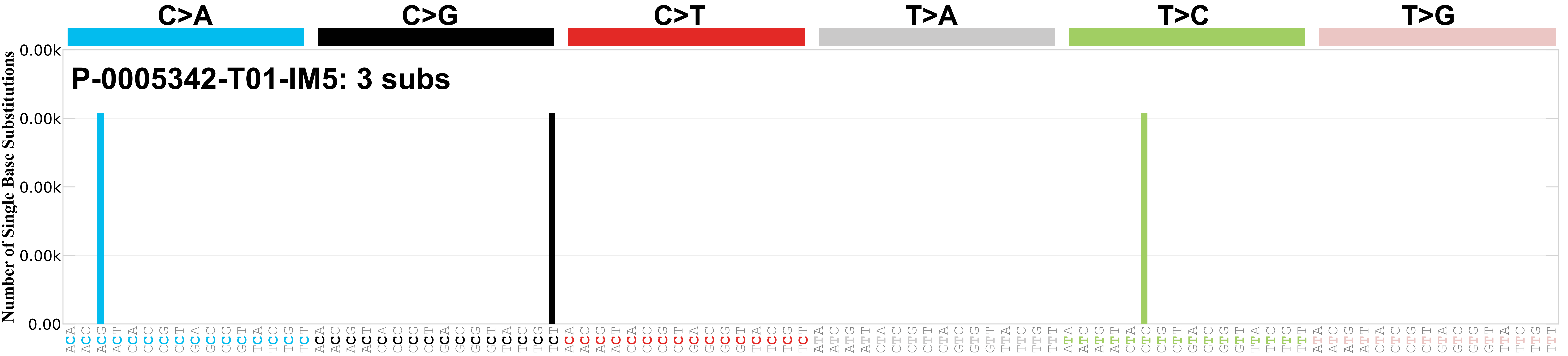




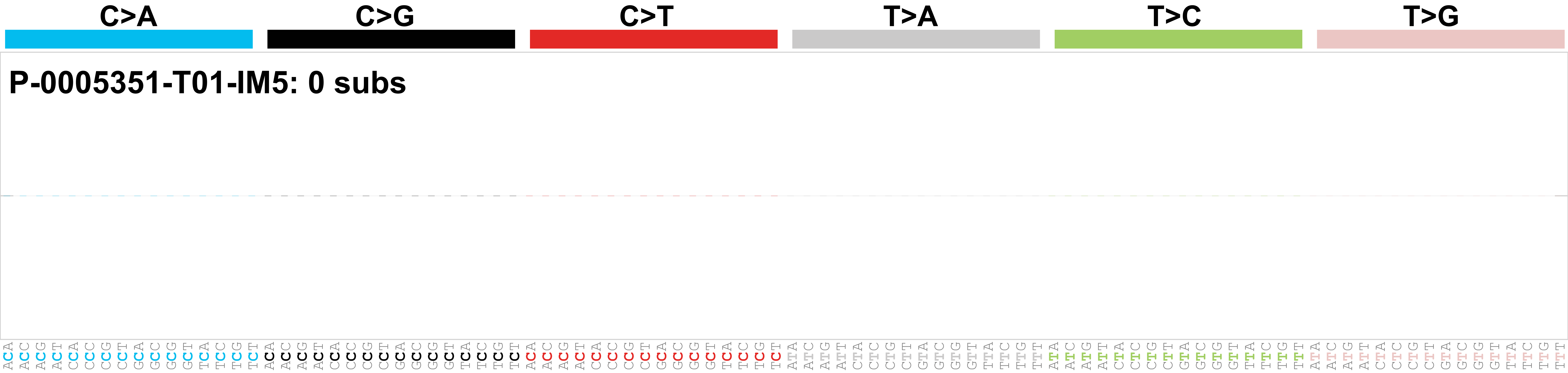


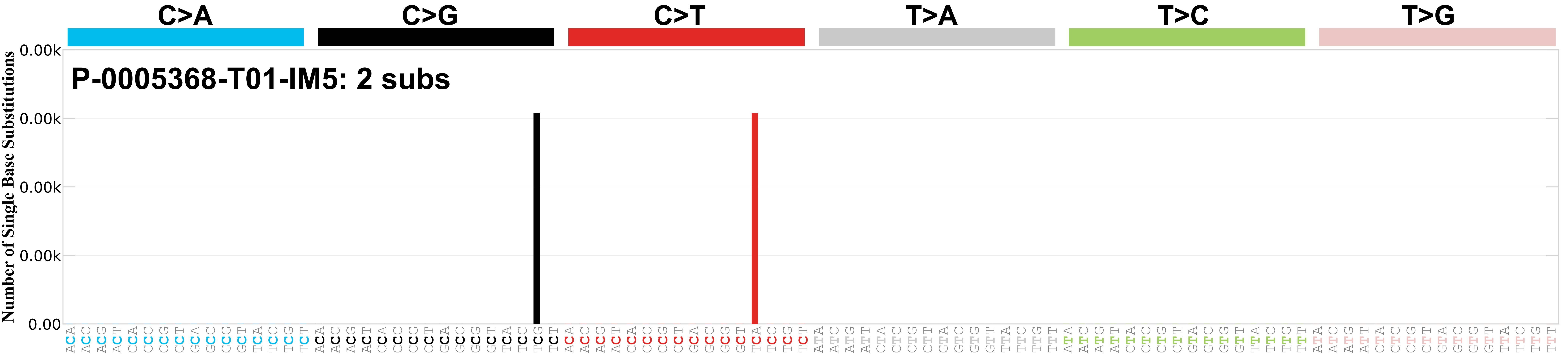


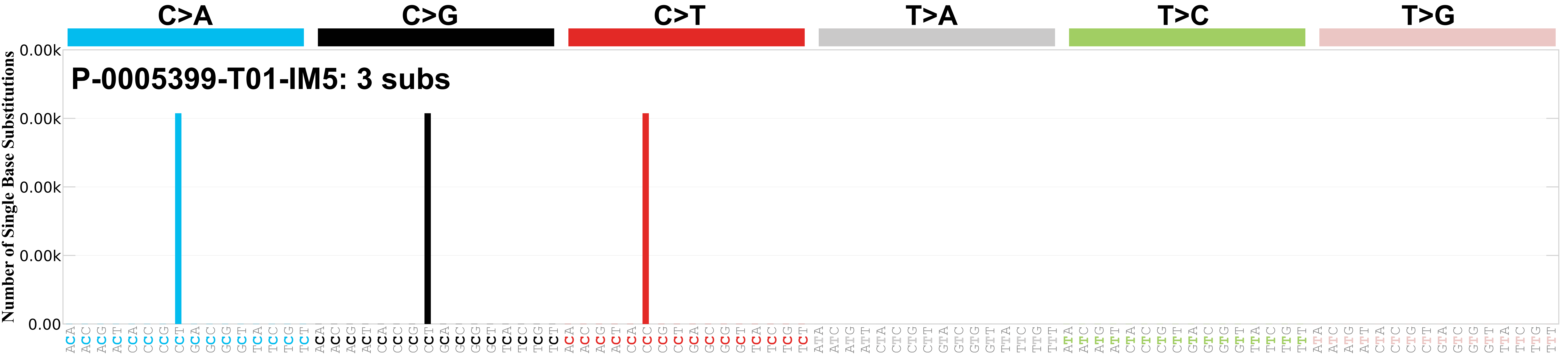


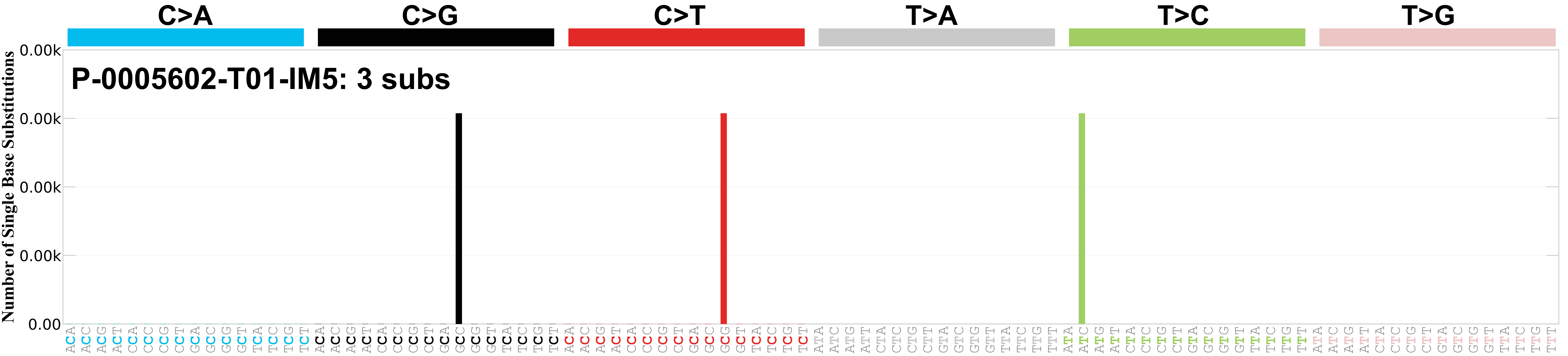


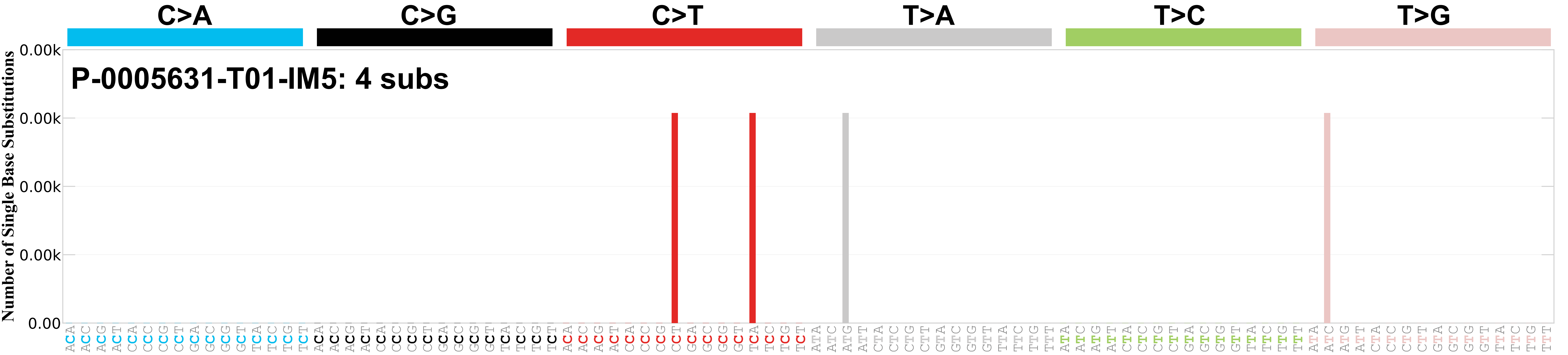
Number of Single Base Substitutions

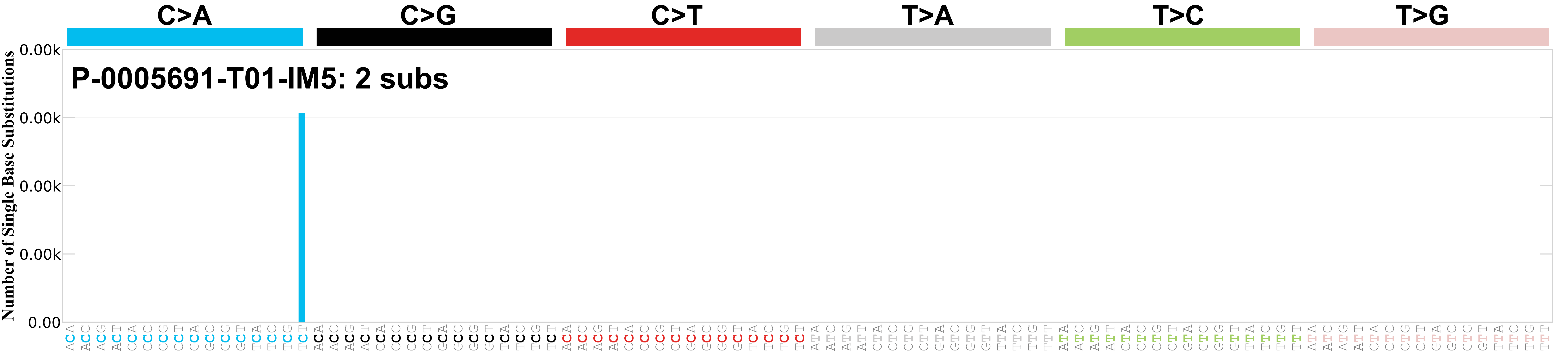


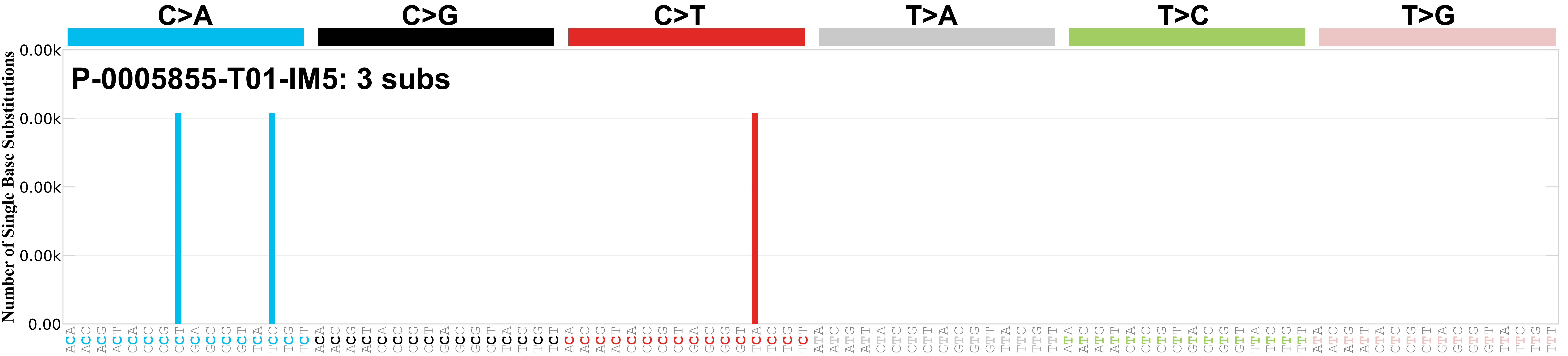


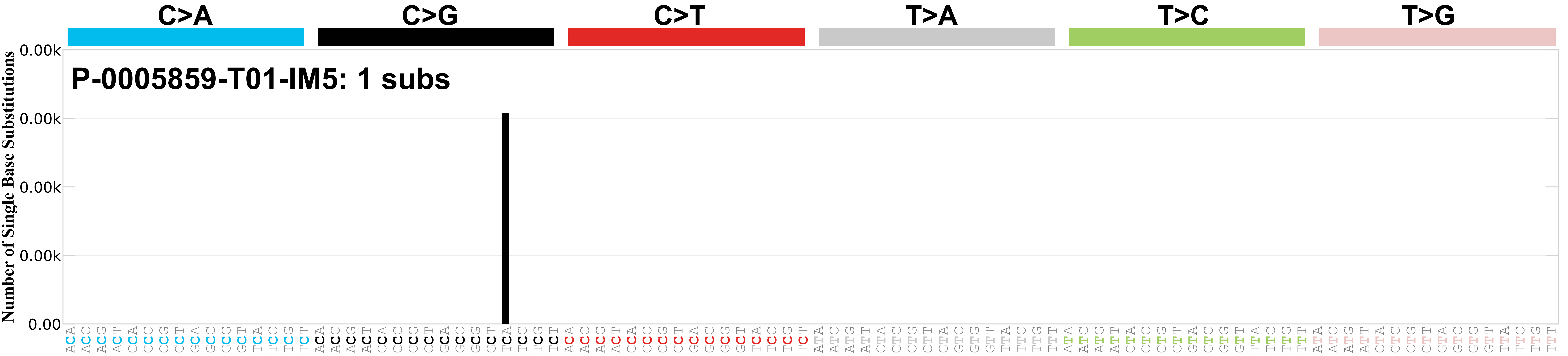


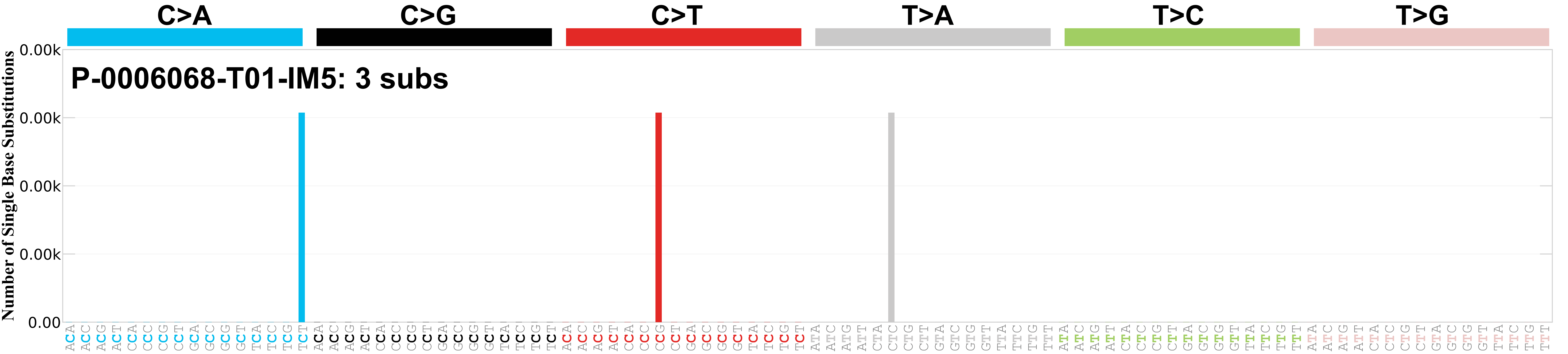


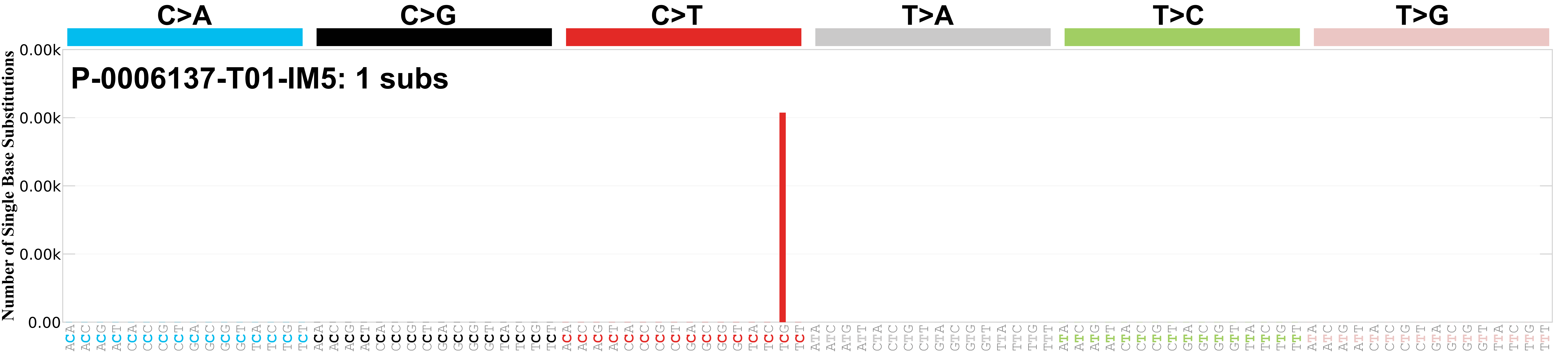


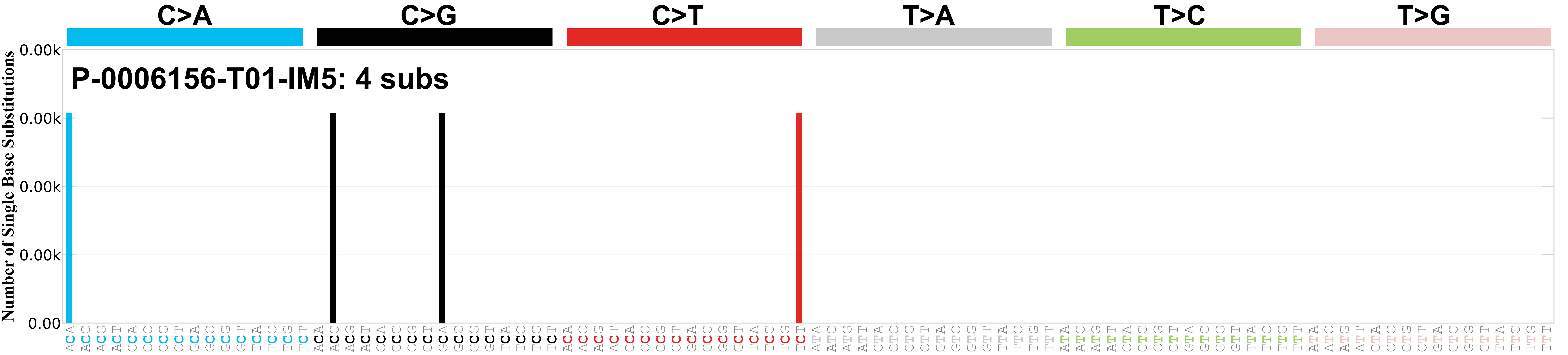


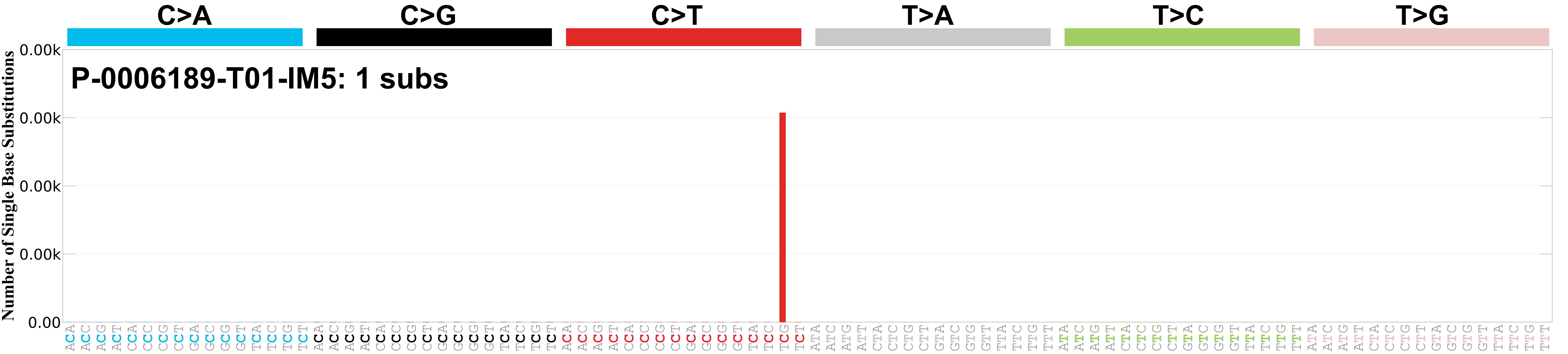


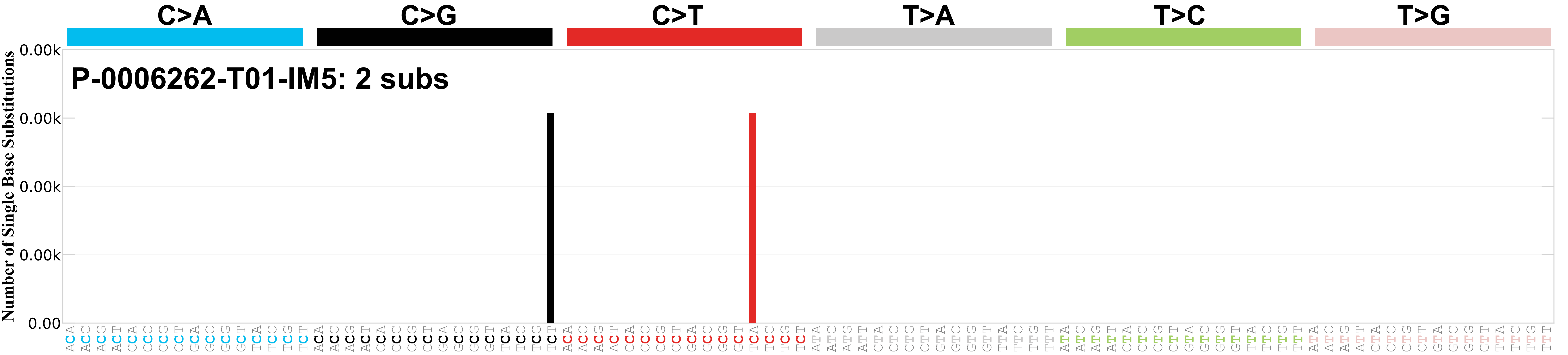


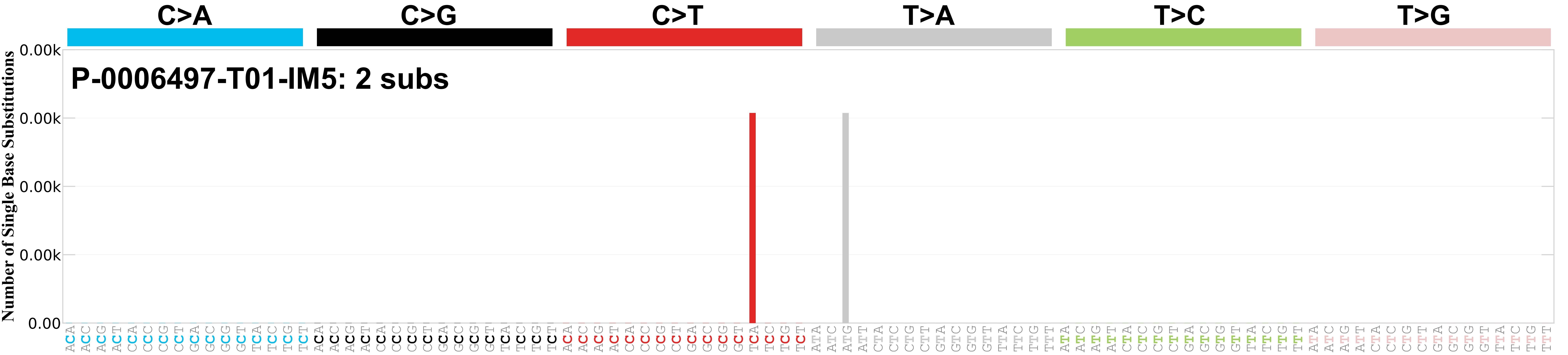


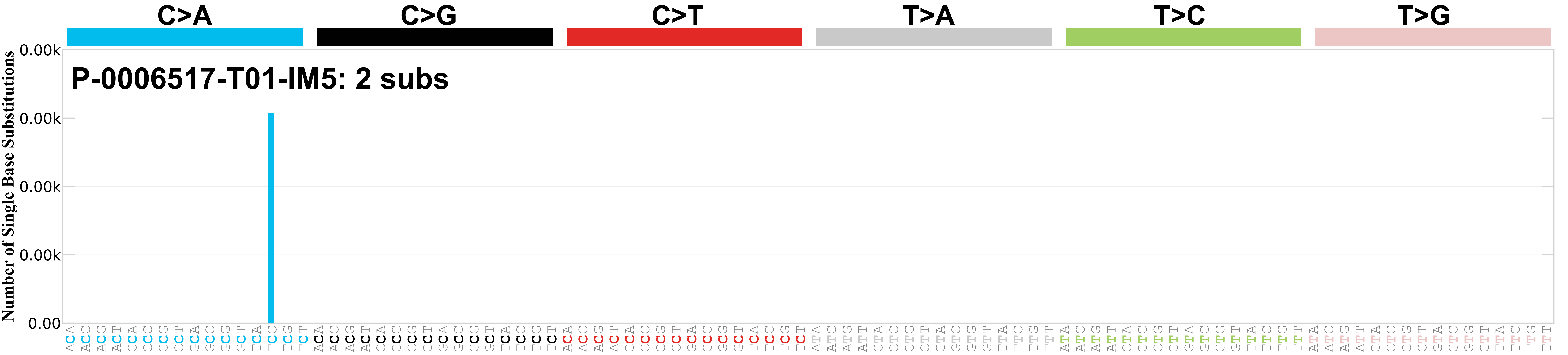


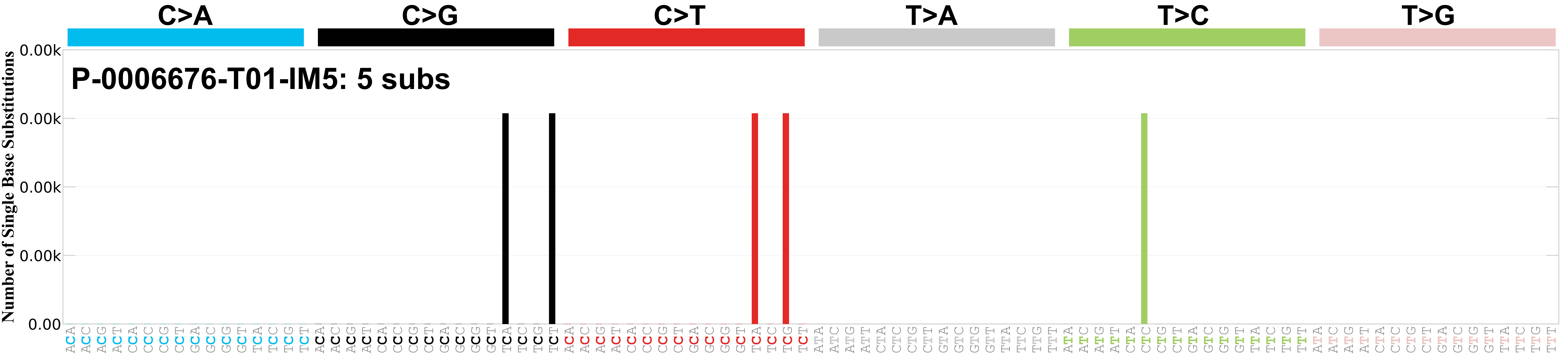


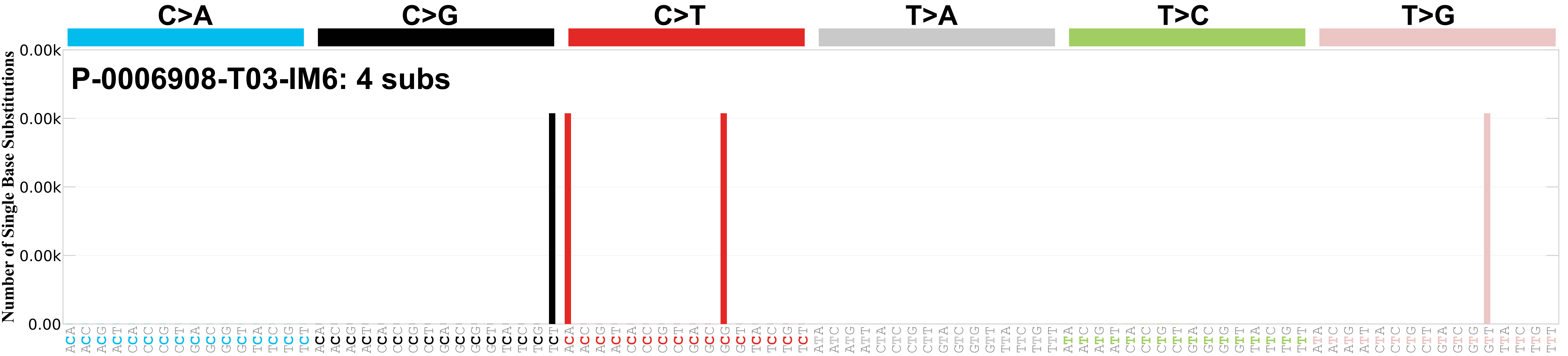


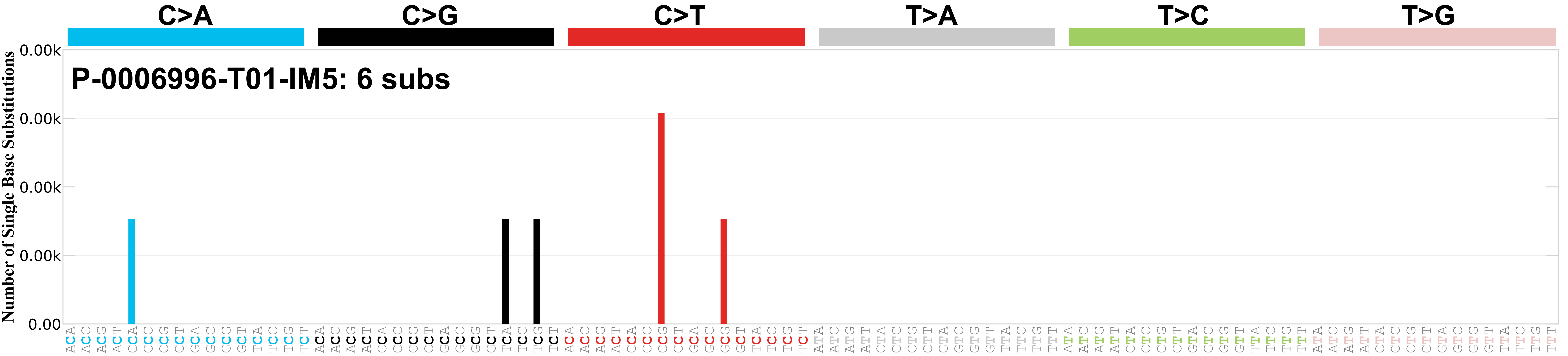


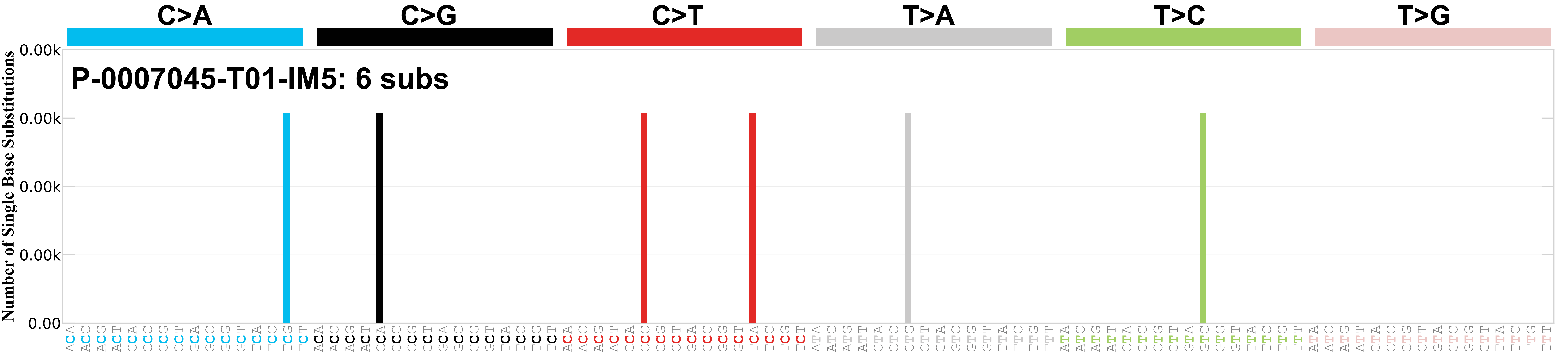


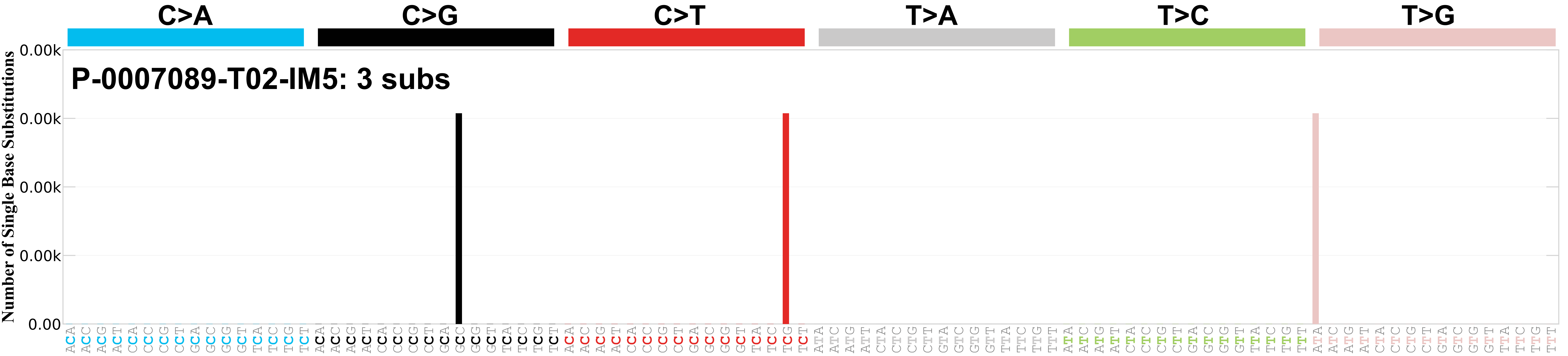


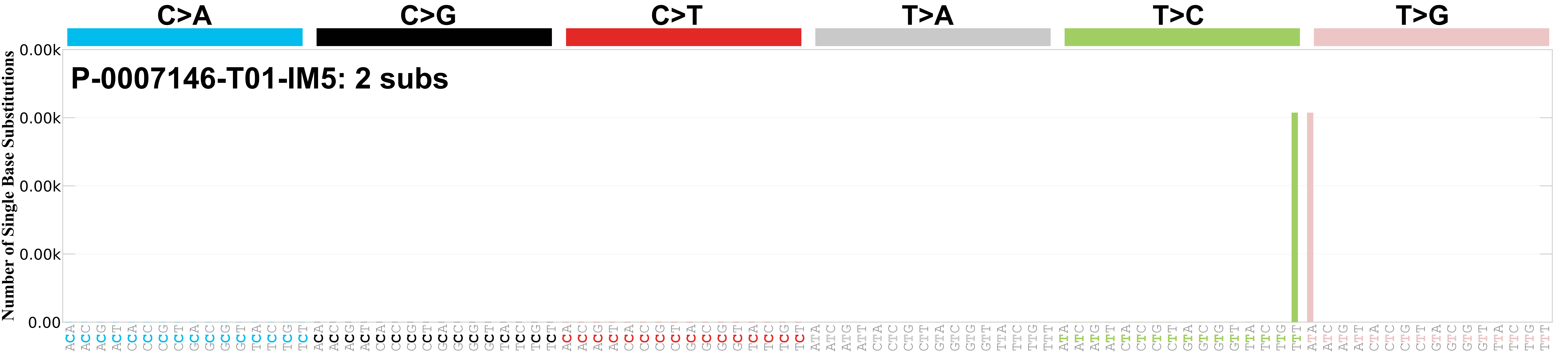


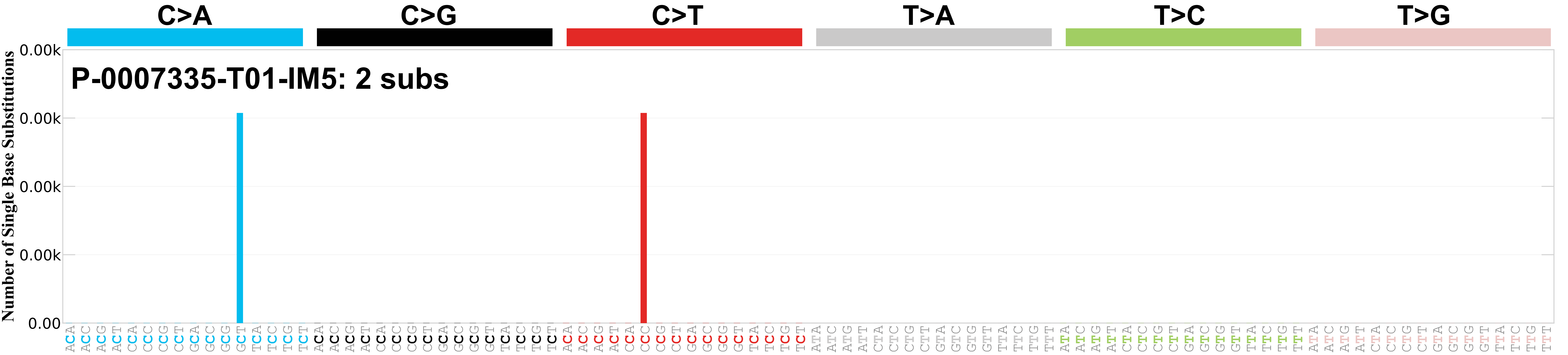


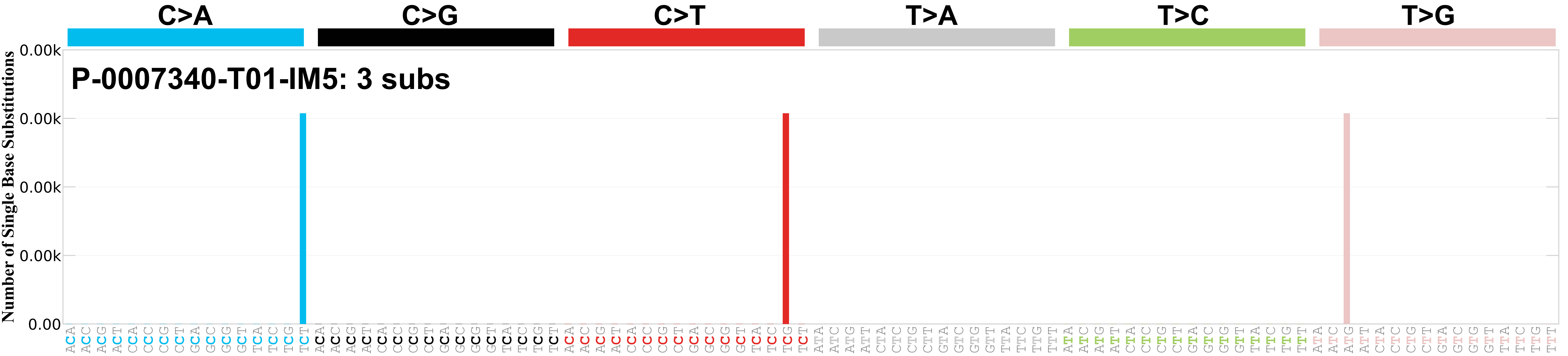


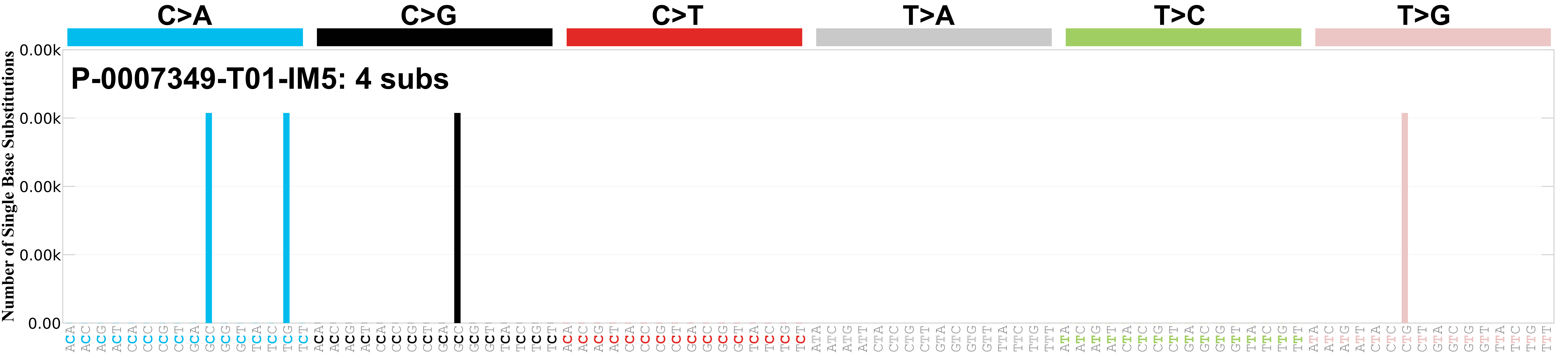


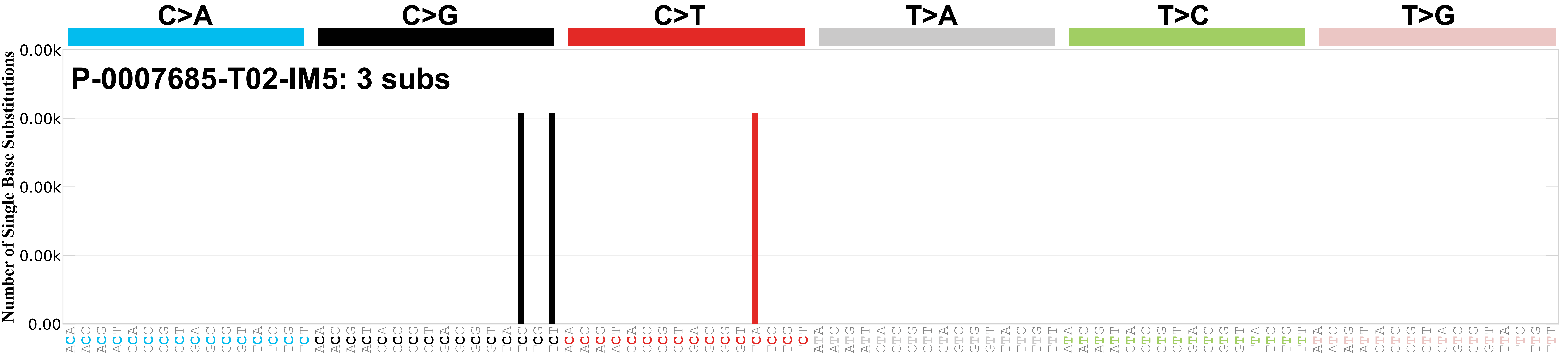


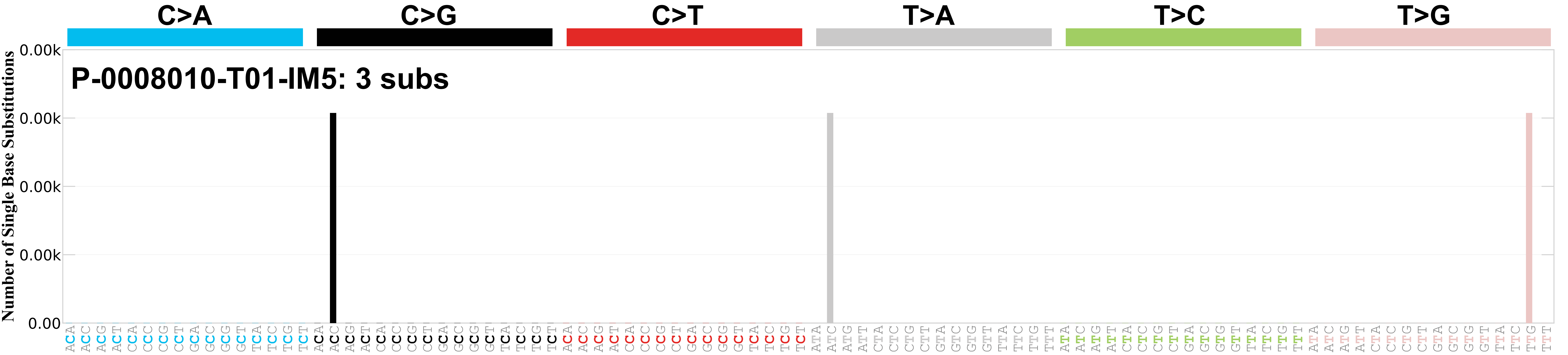


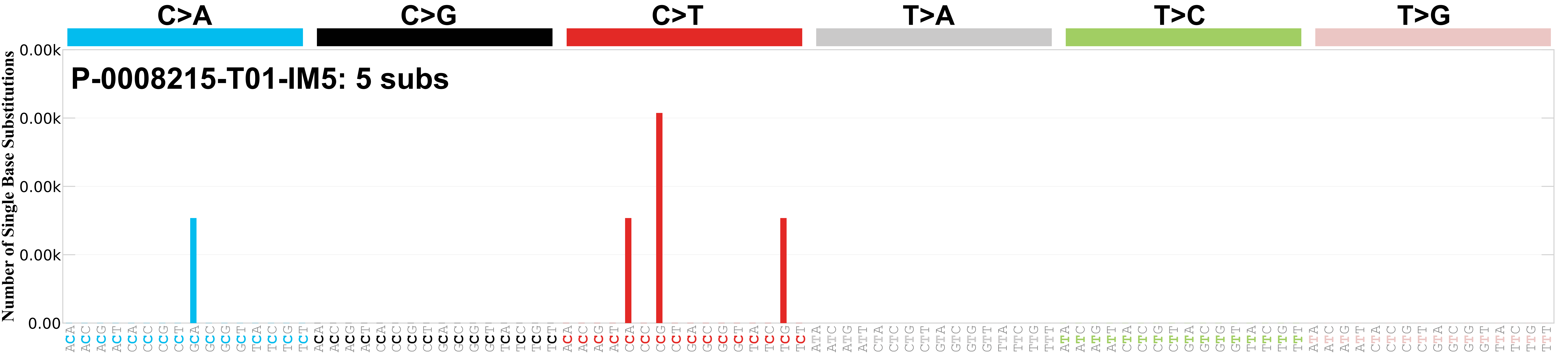


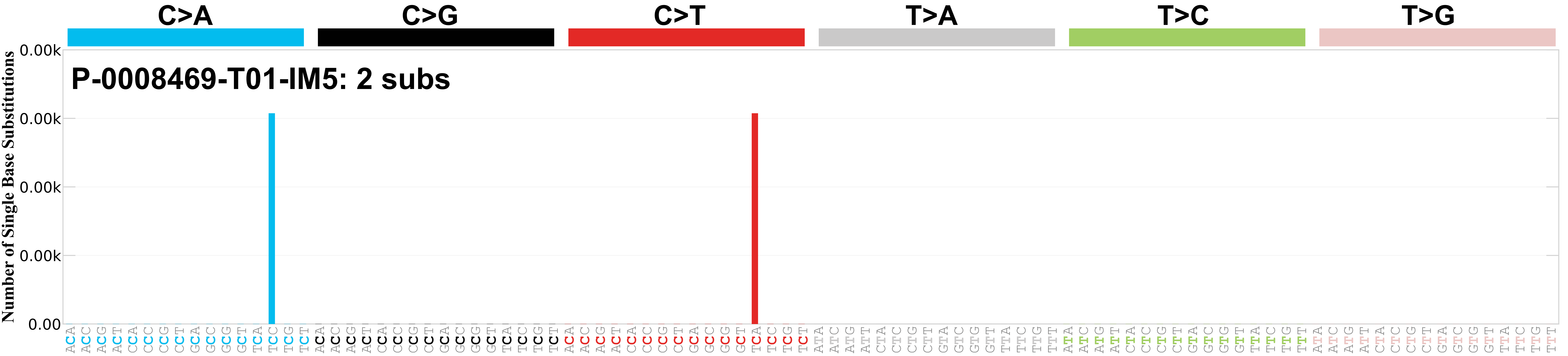


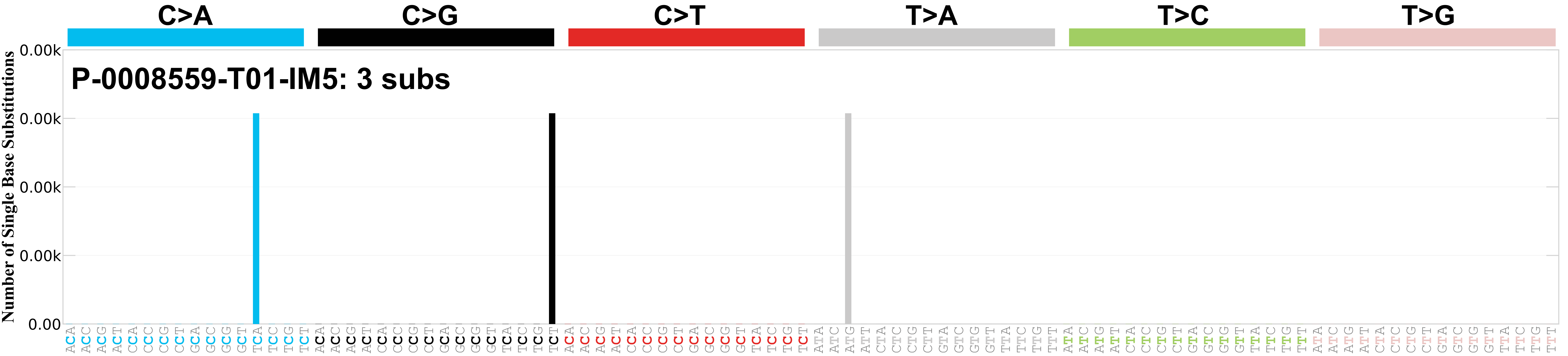


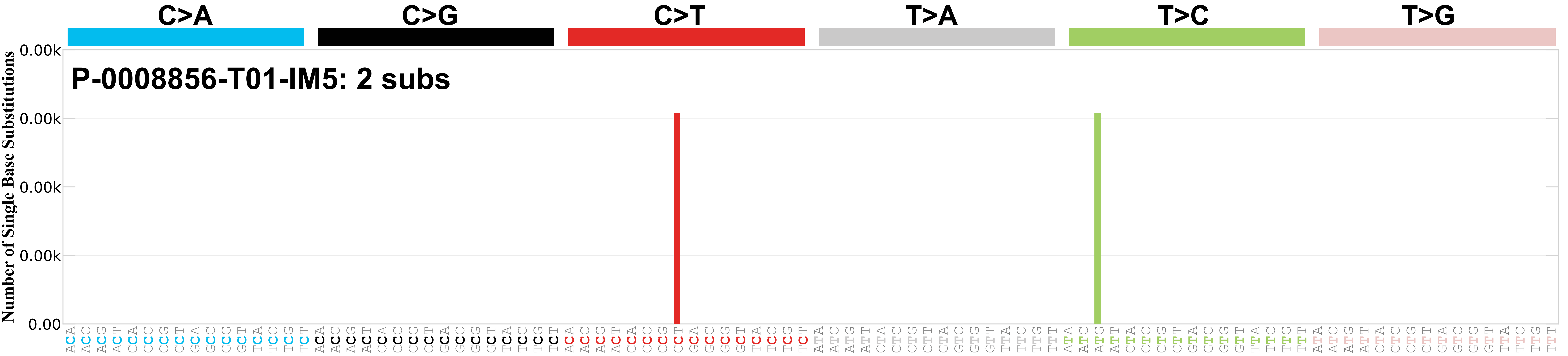


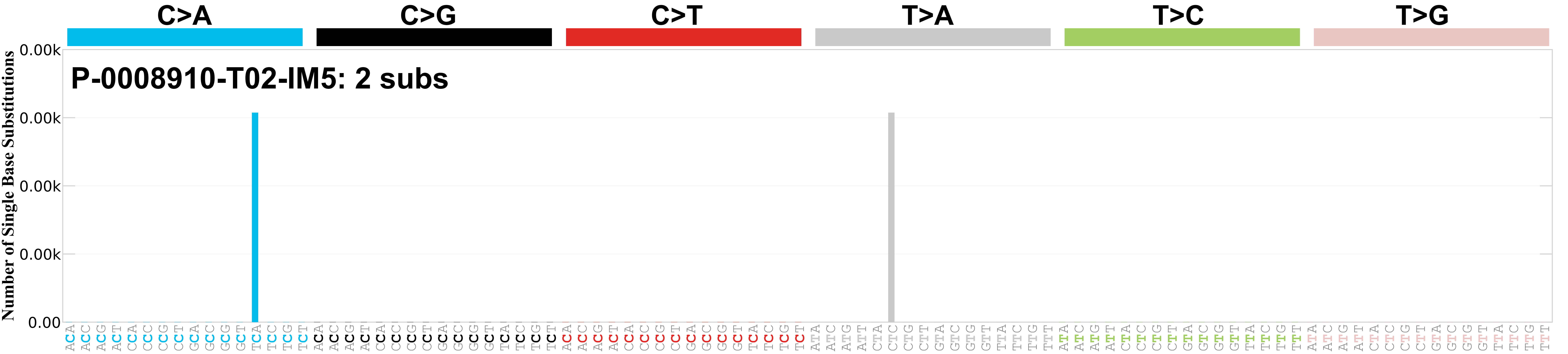


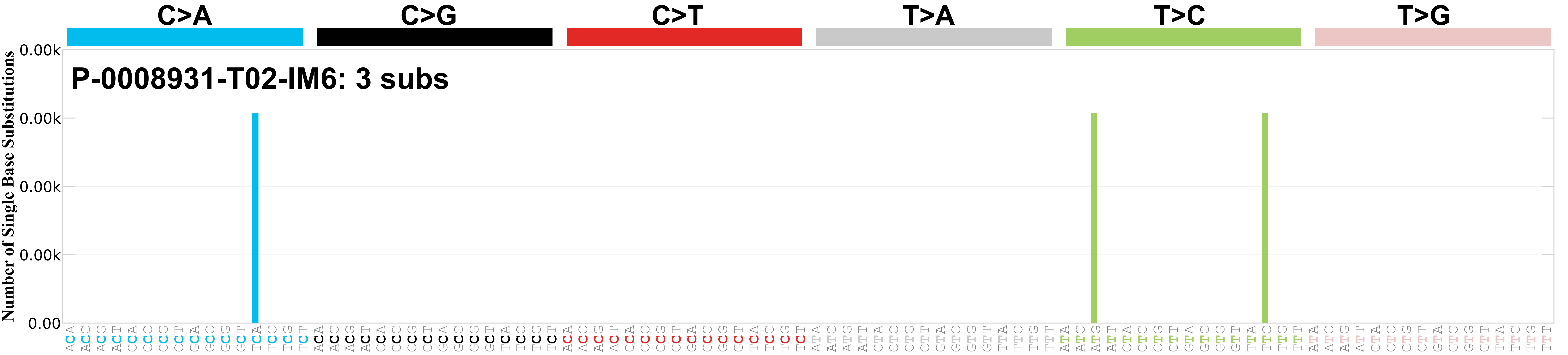


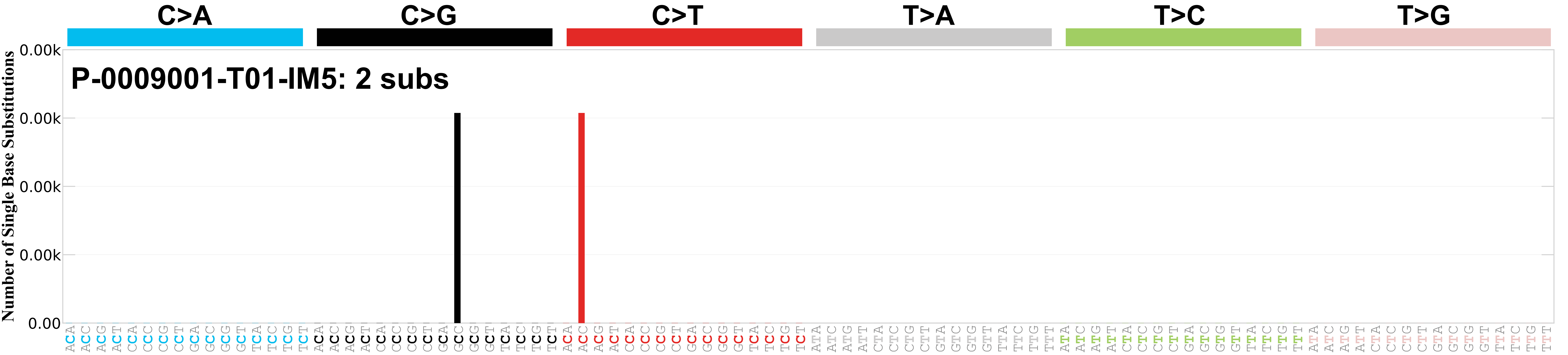


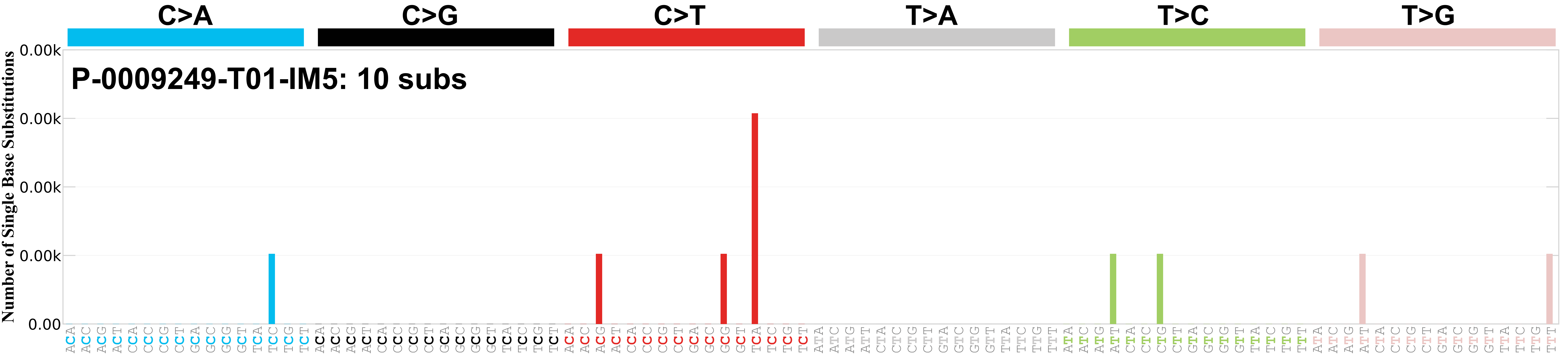


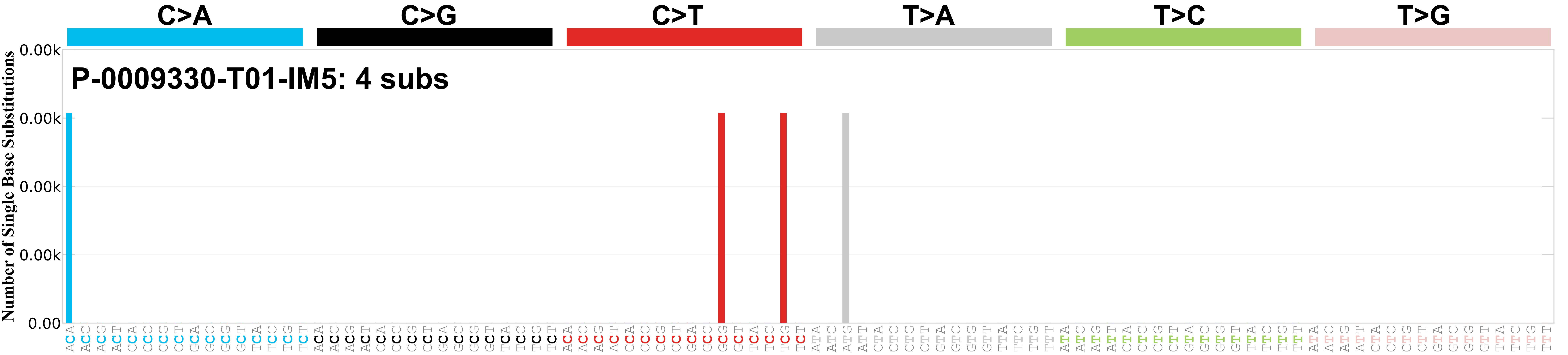


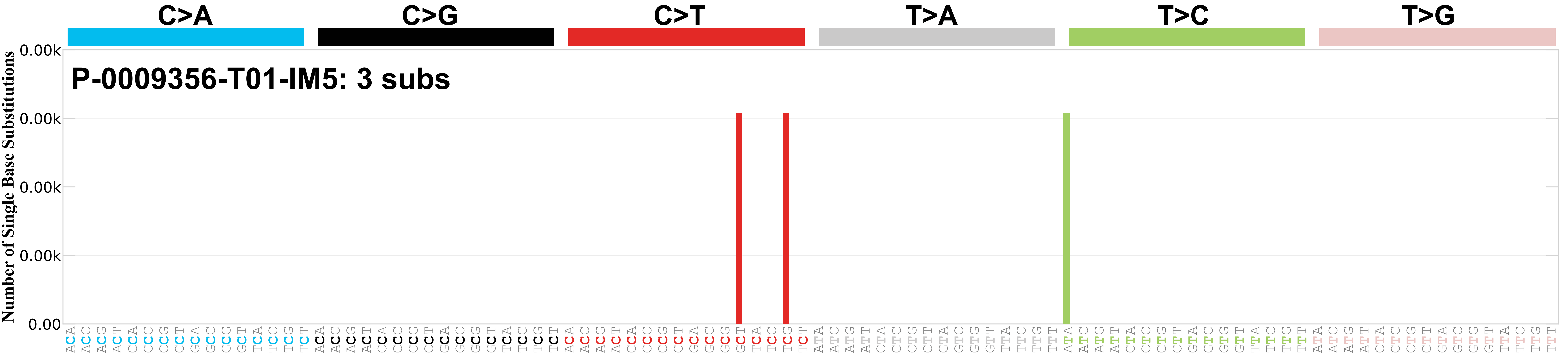


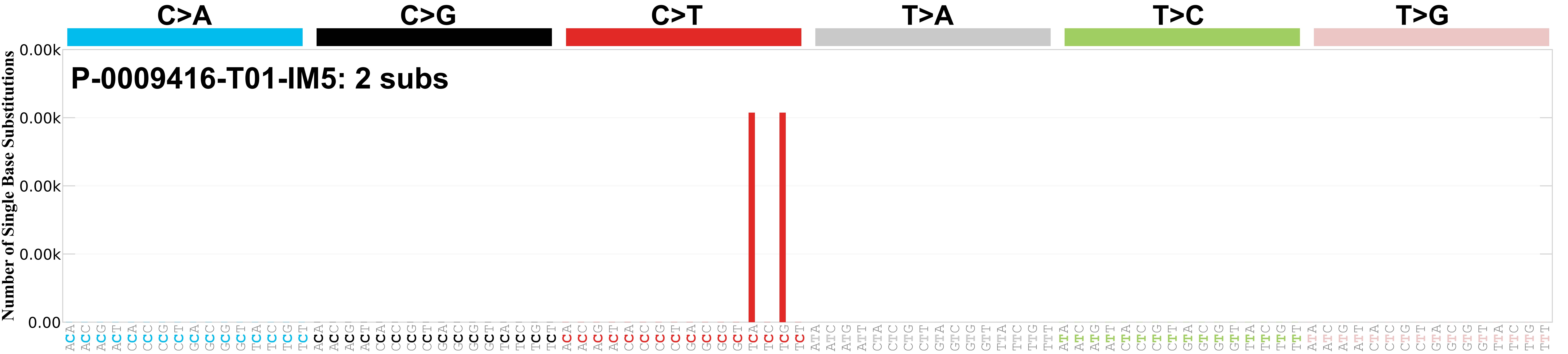


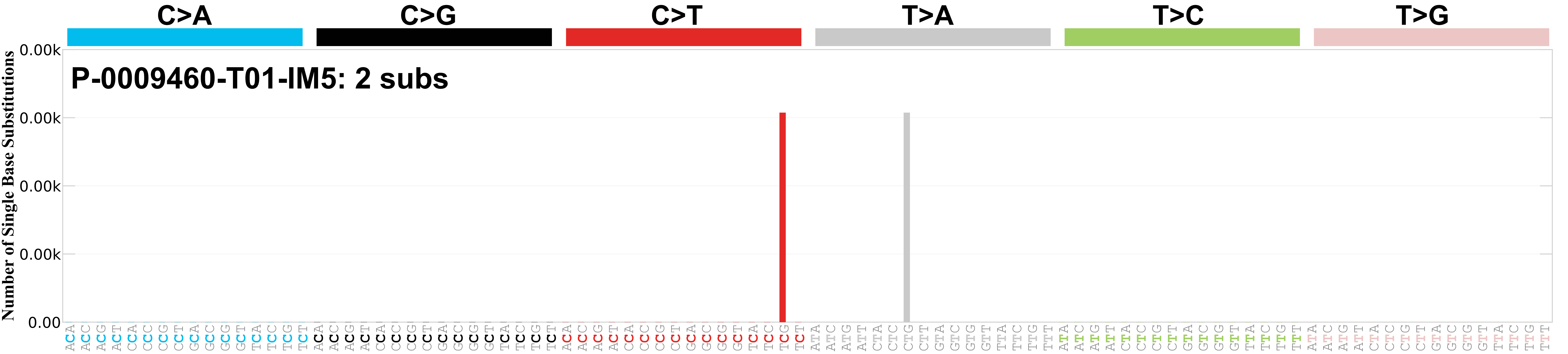


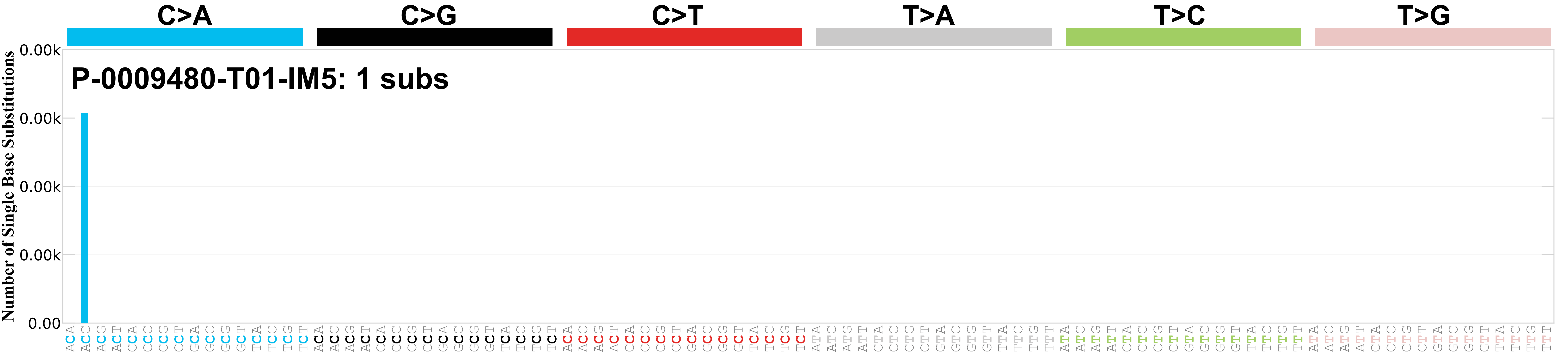


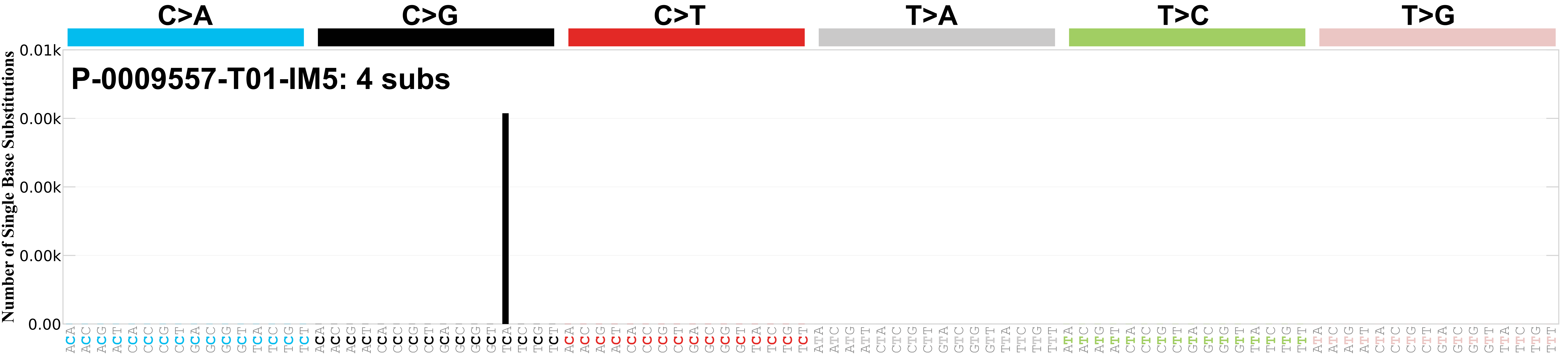


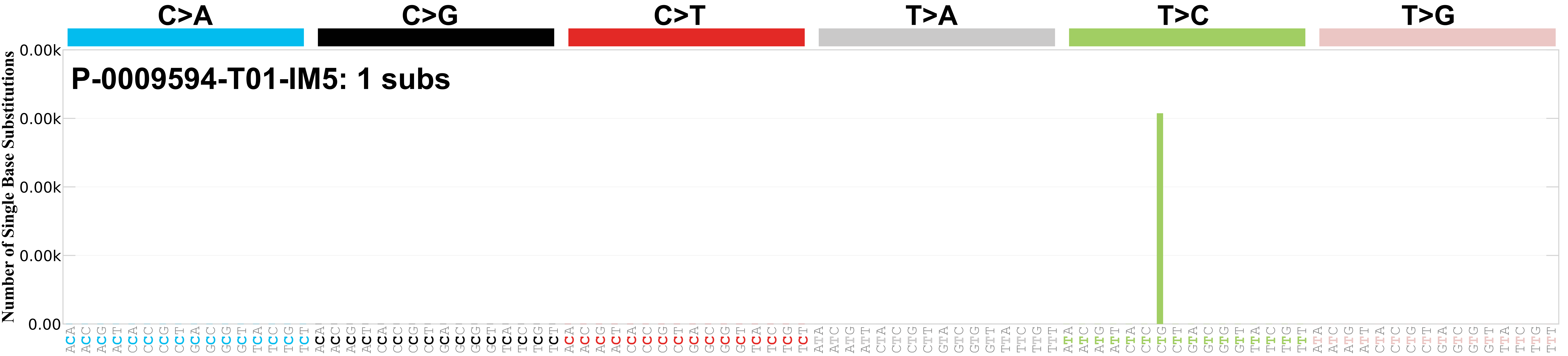


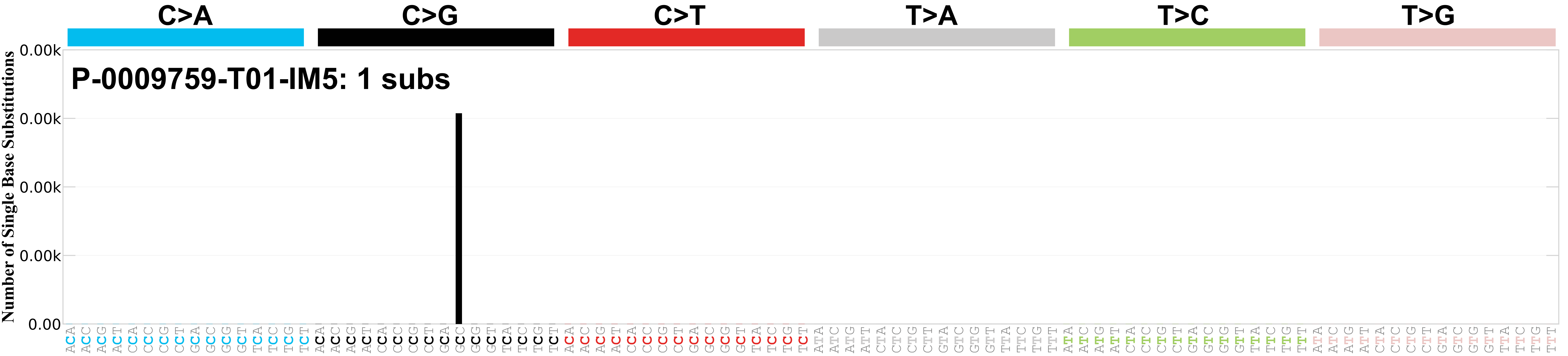


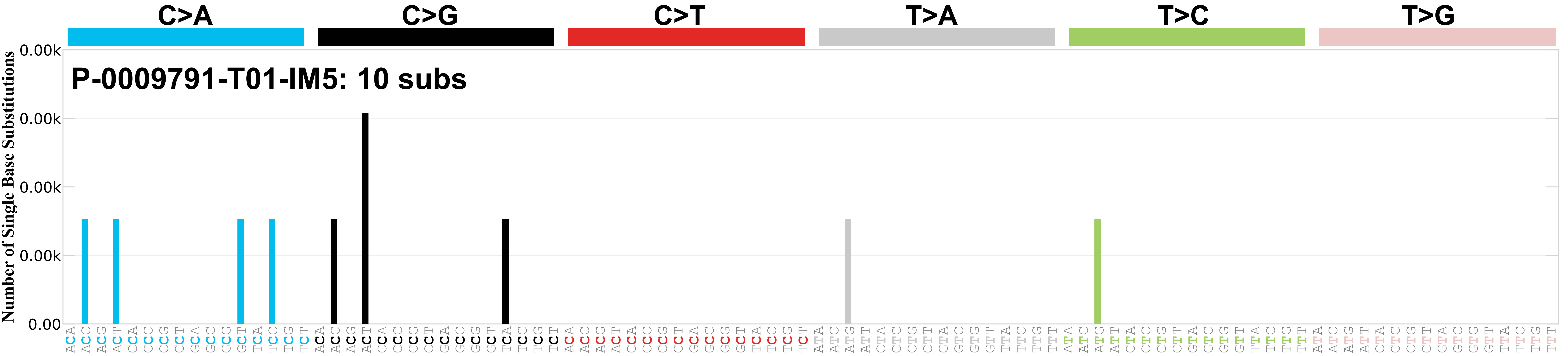


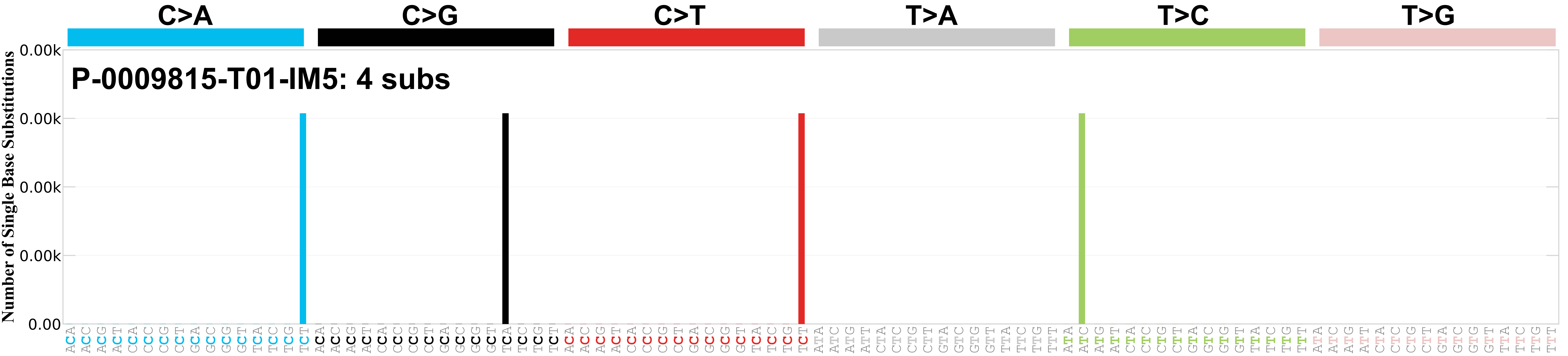


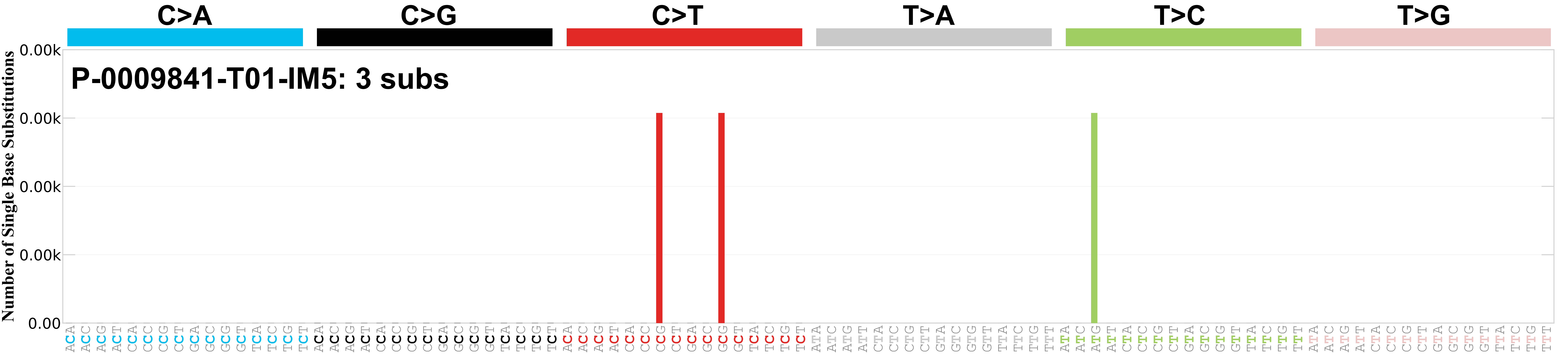


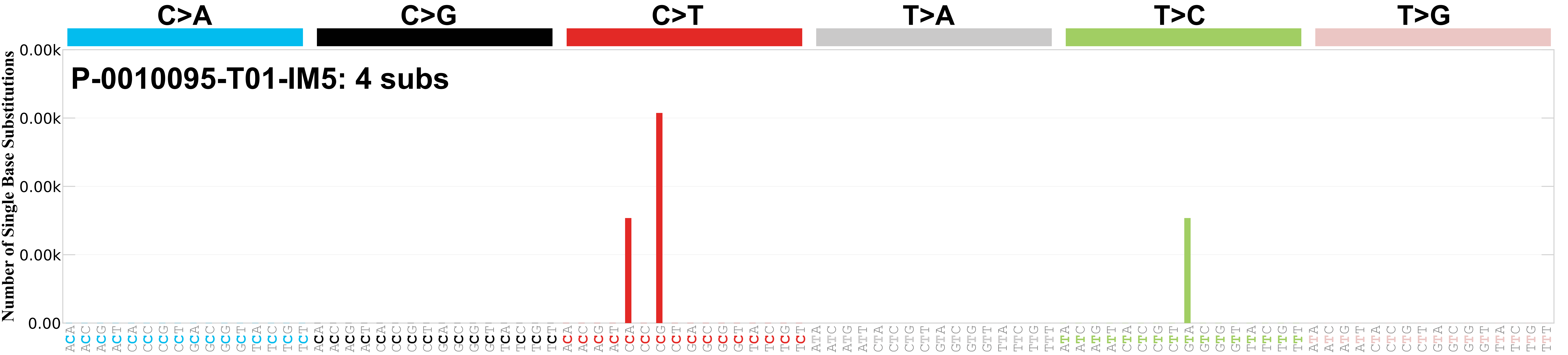


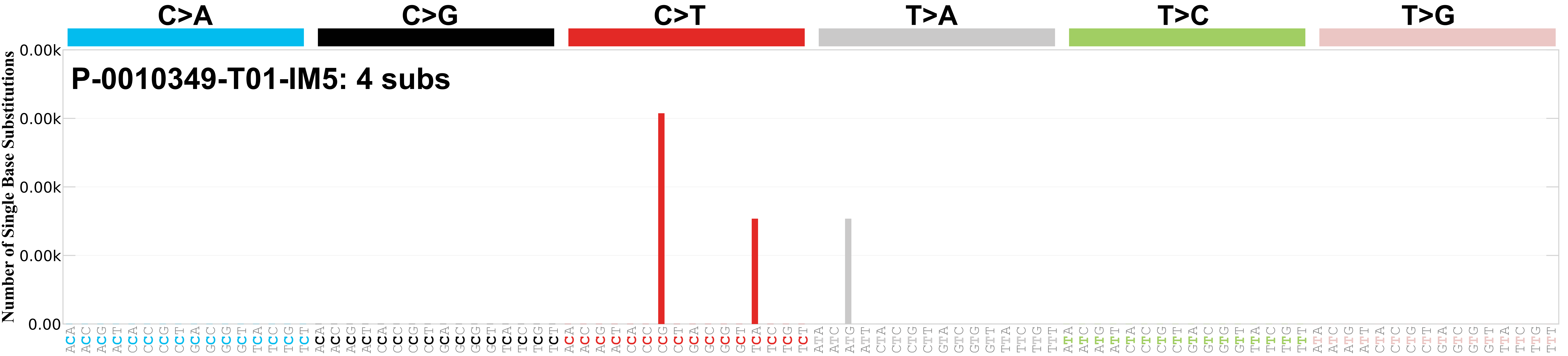


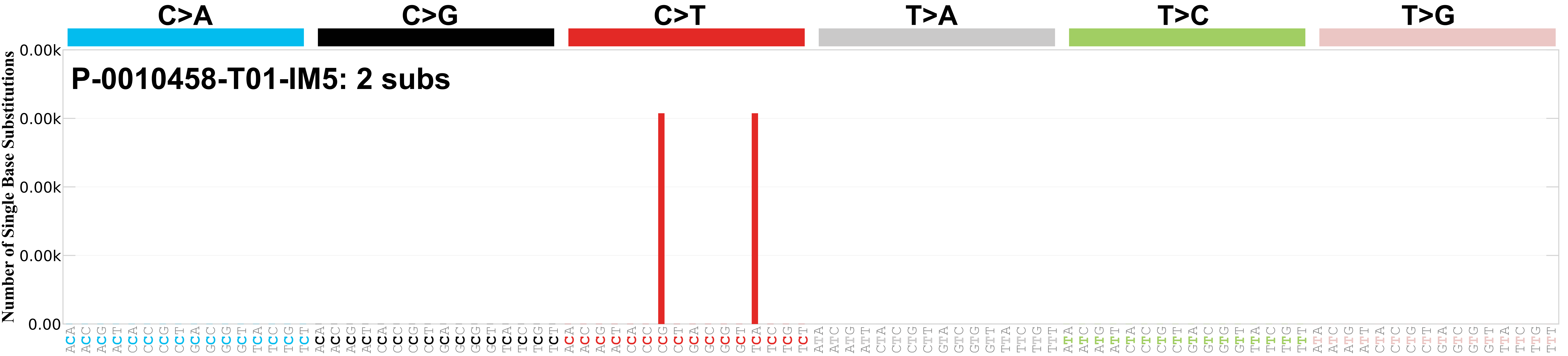


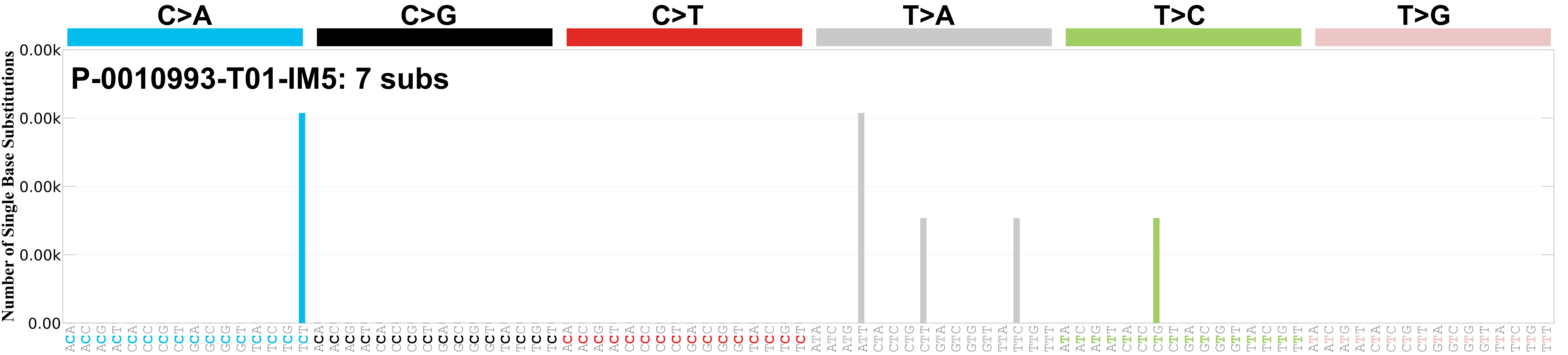


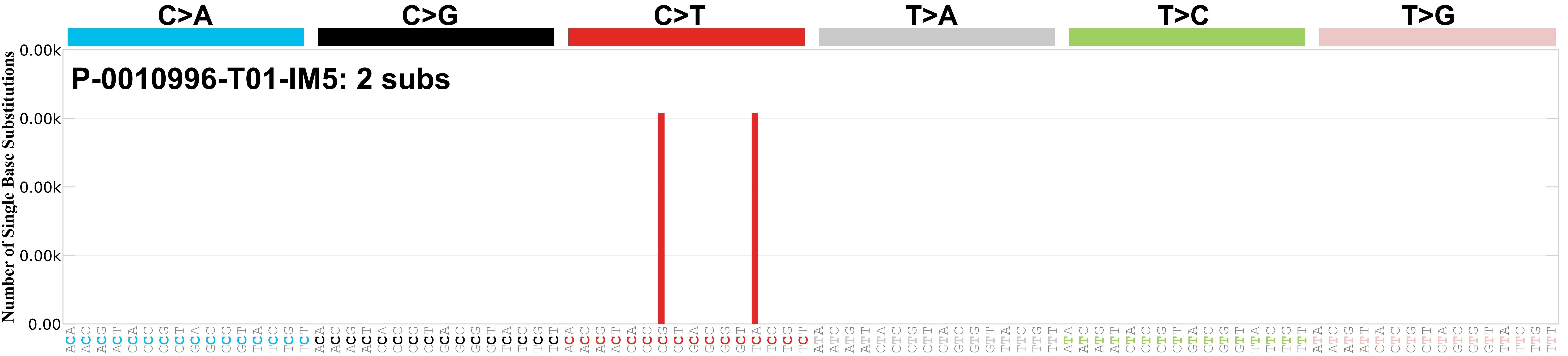


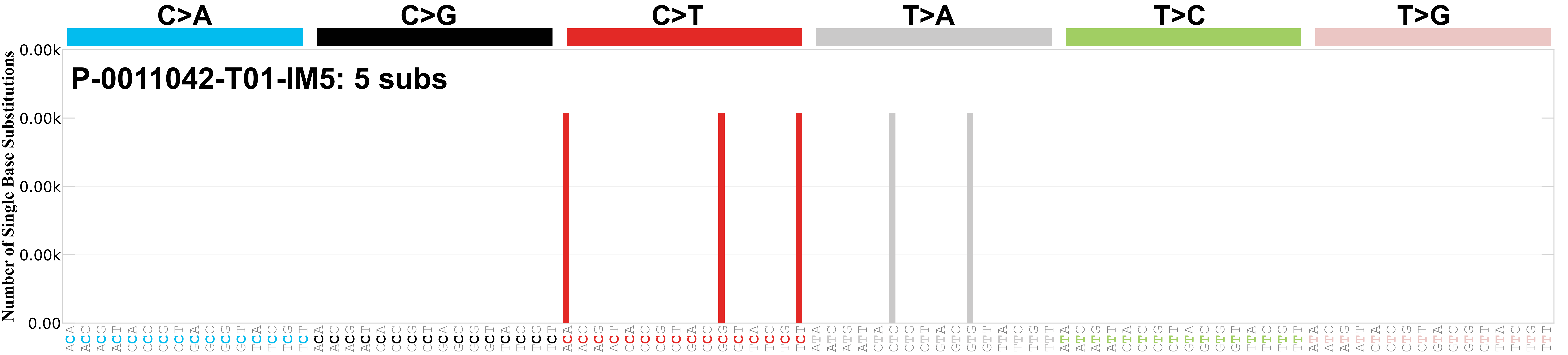






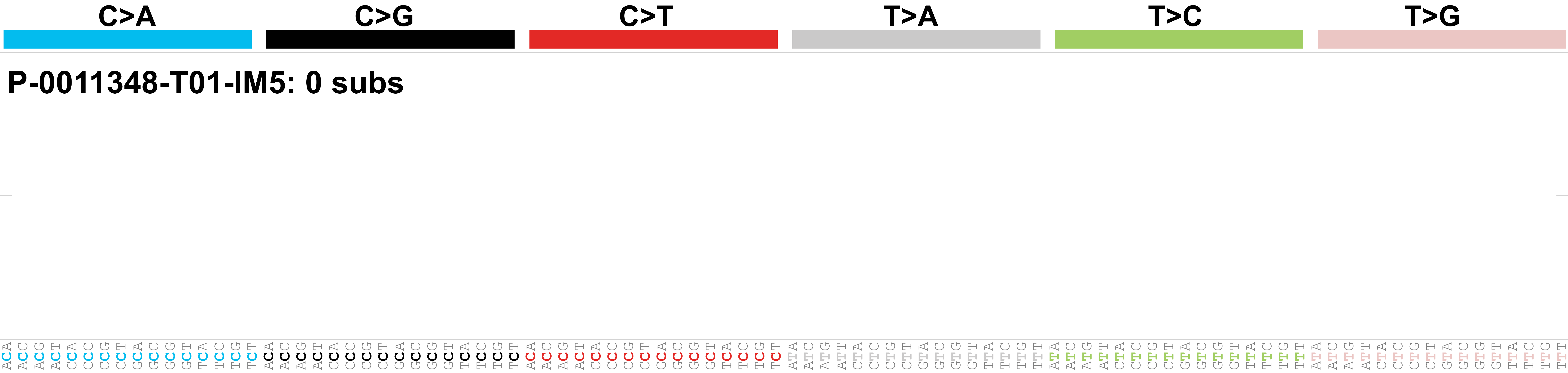


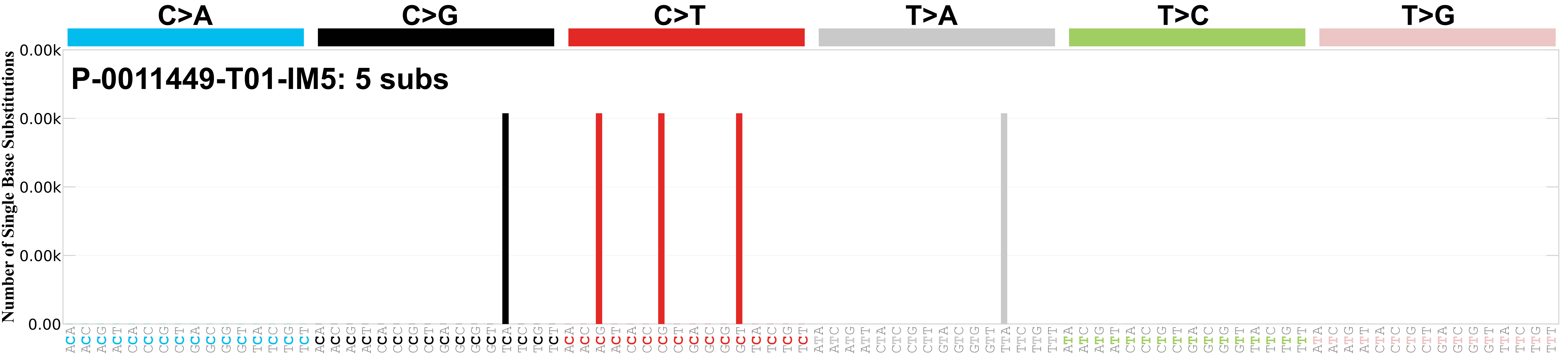


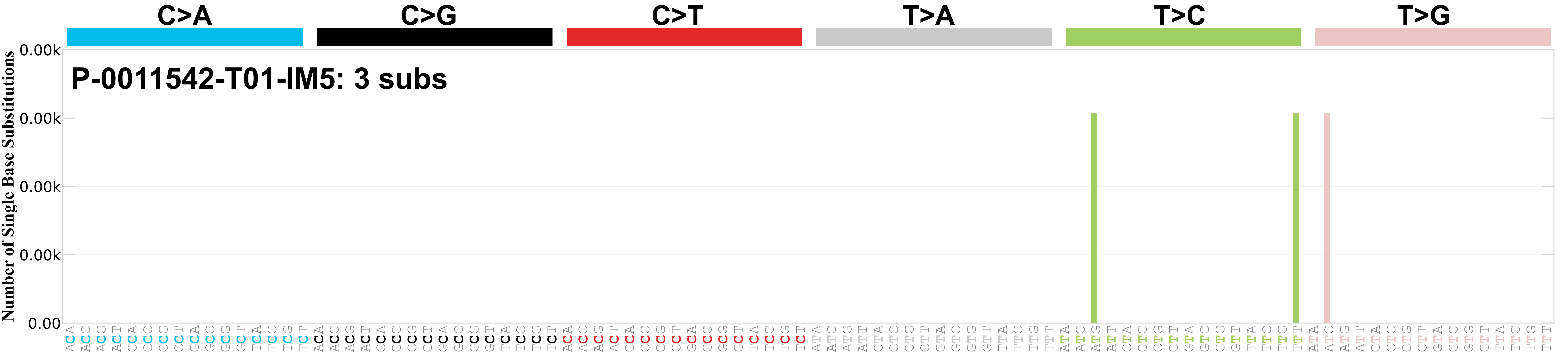


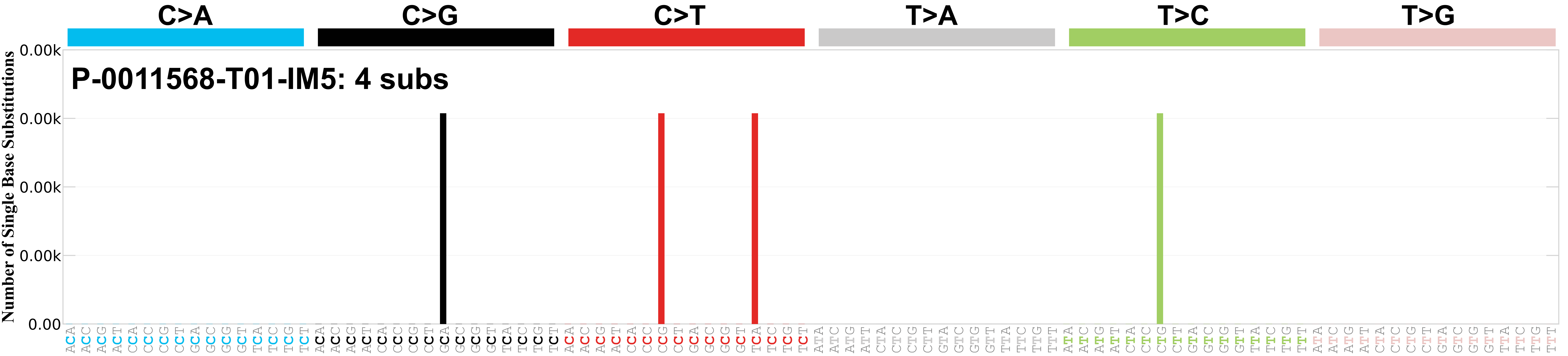
Number of Single Base Substitutions

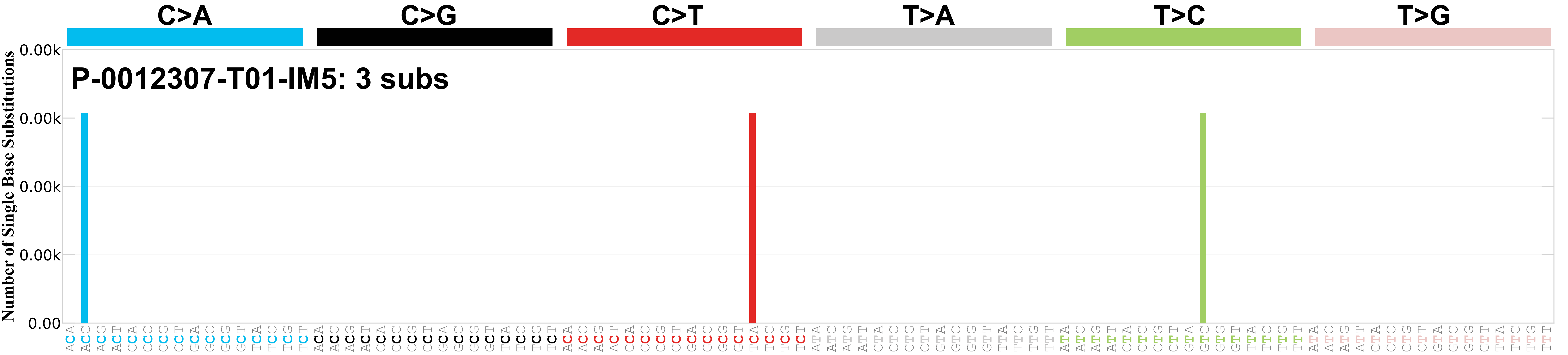
0.00k

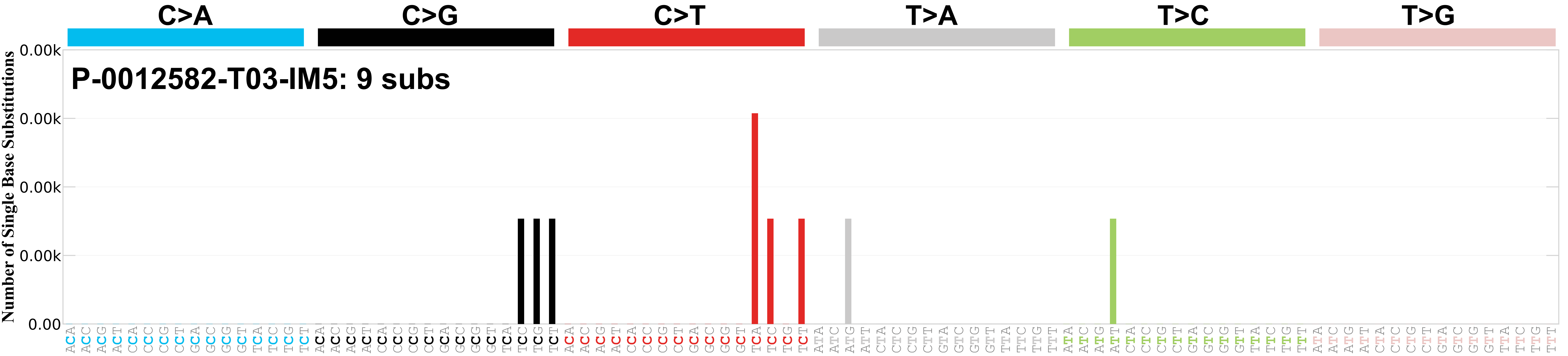


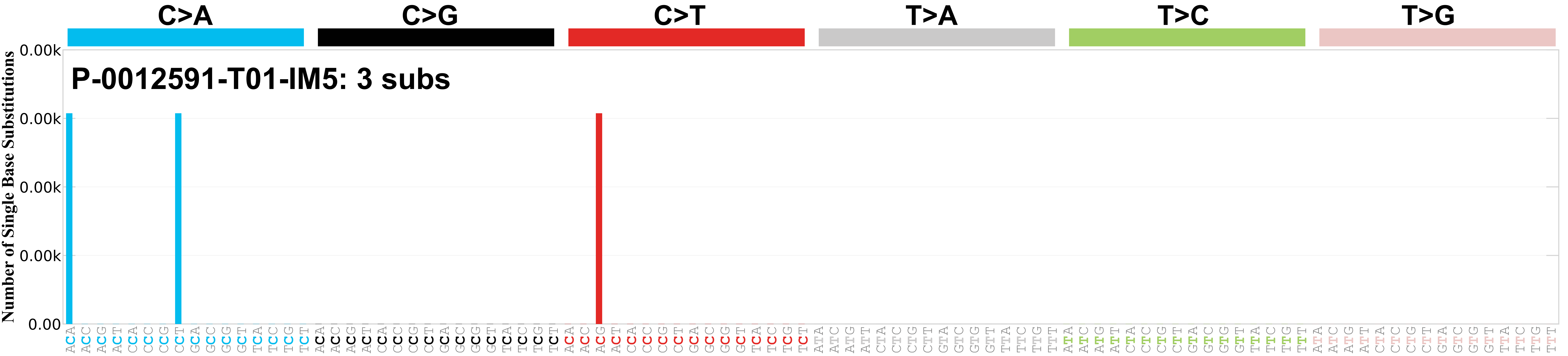


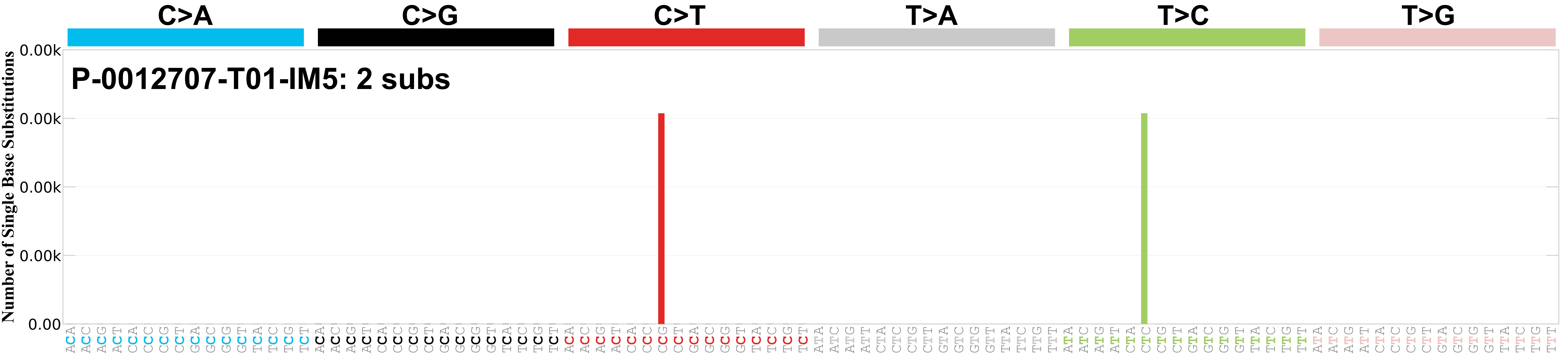


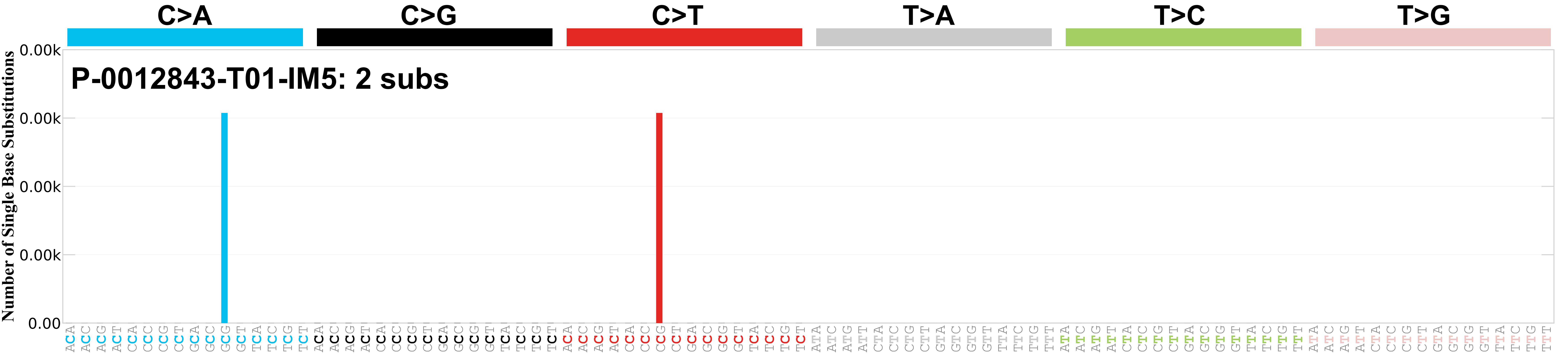


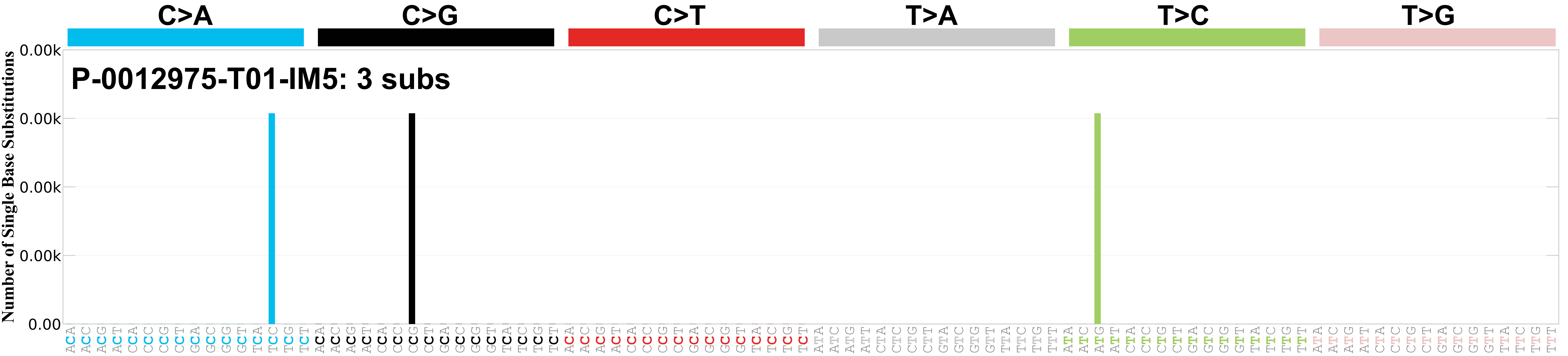






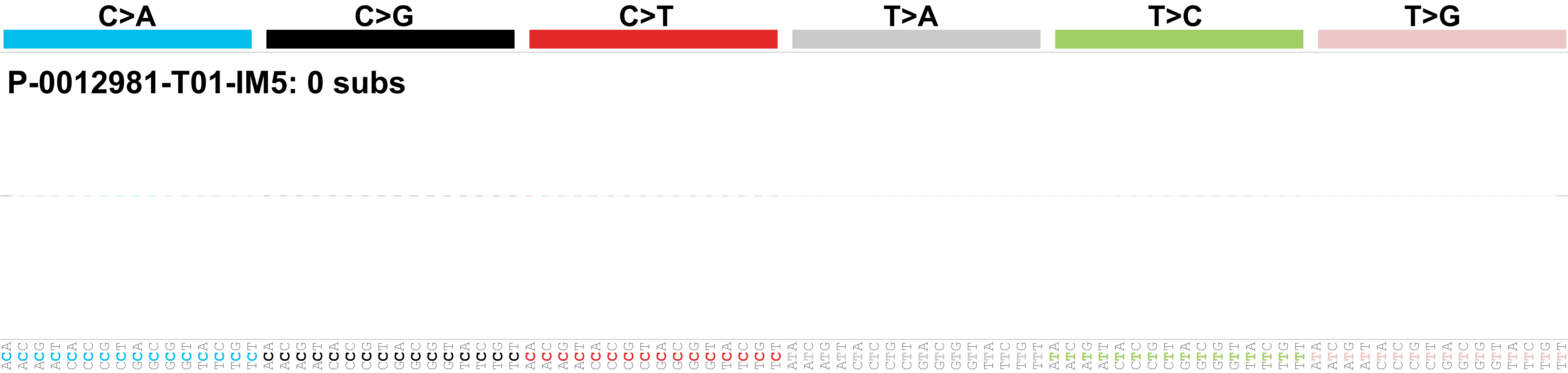


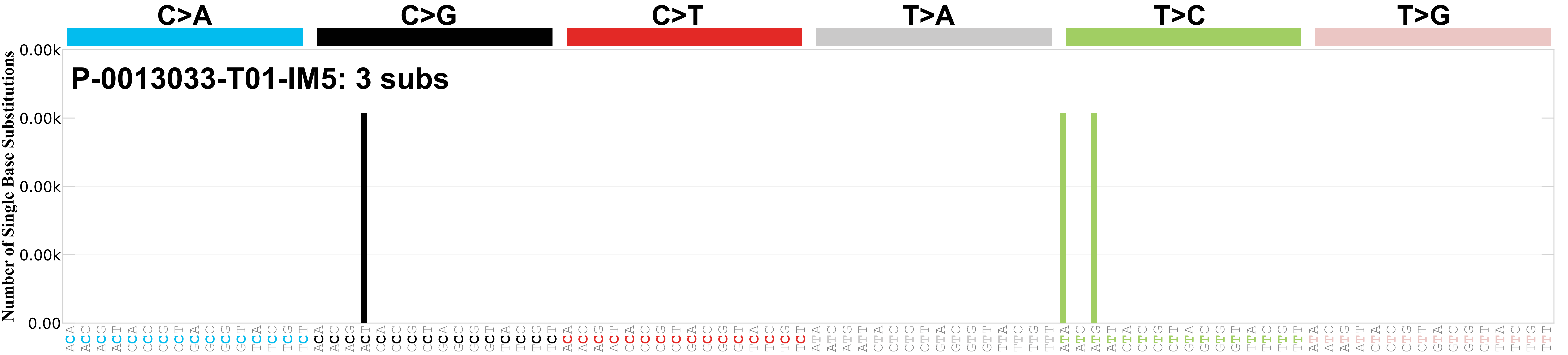


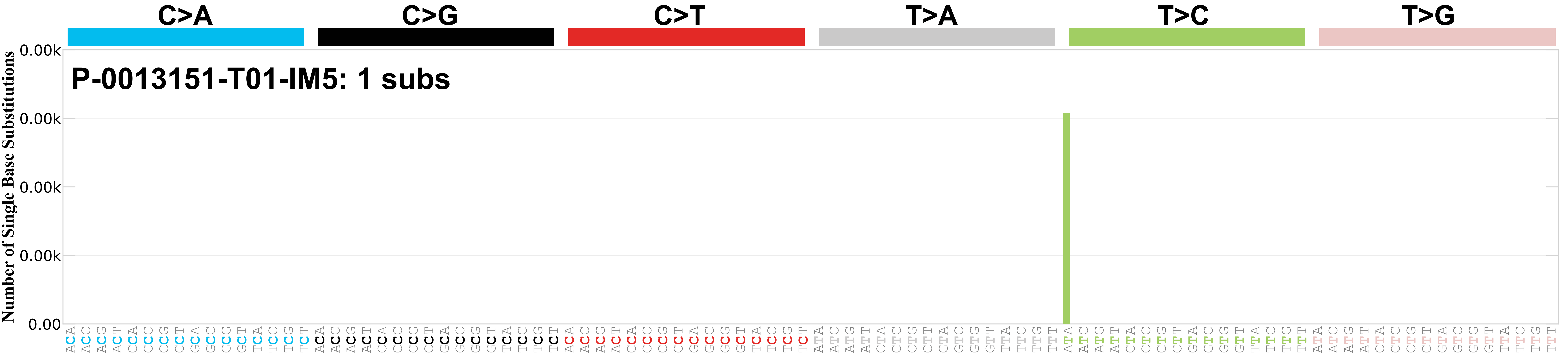


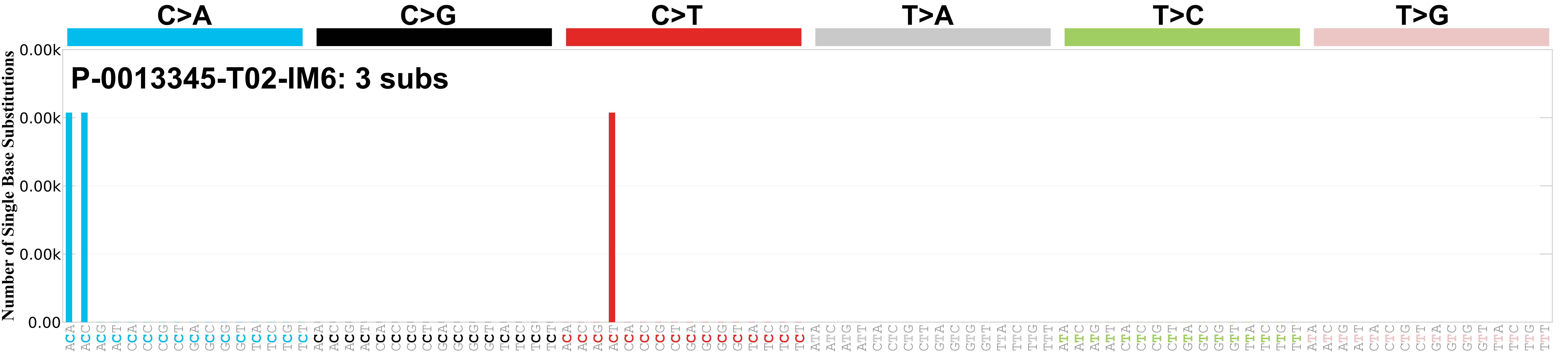
Number of Single Base Substitutions

0.00k

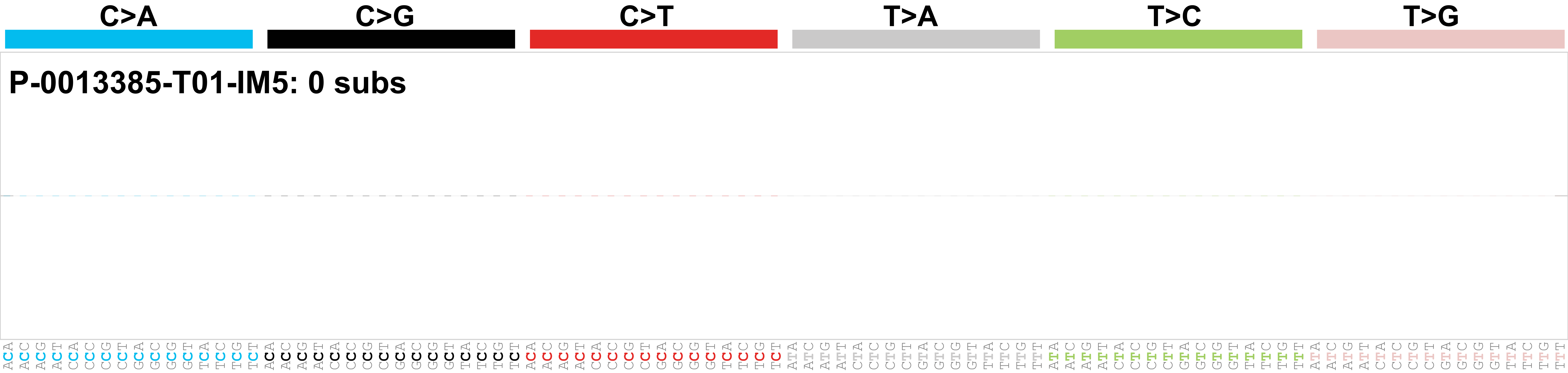


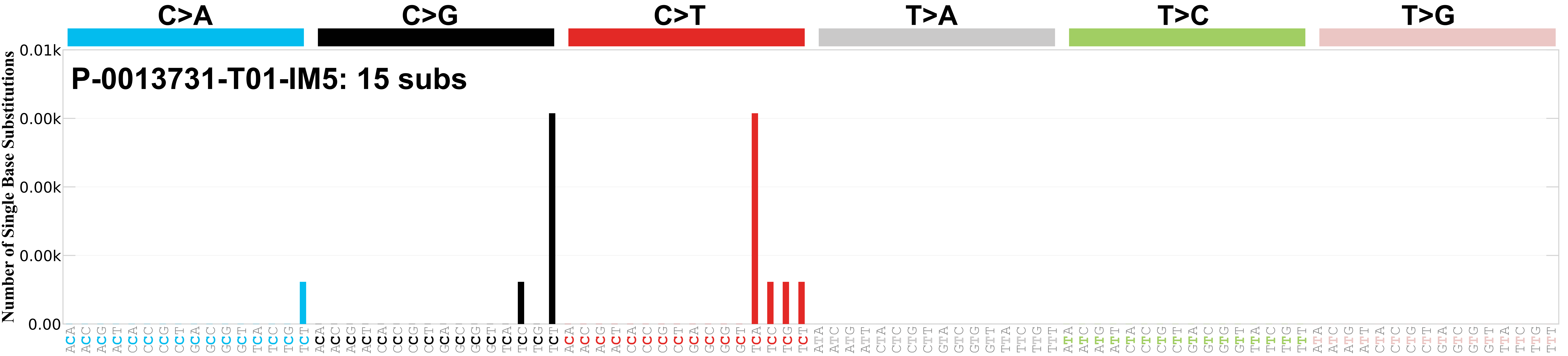


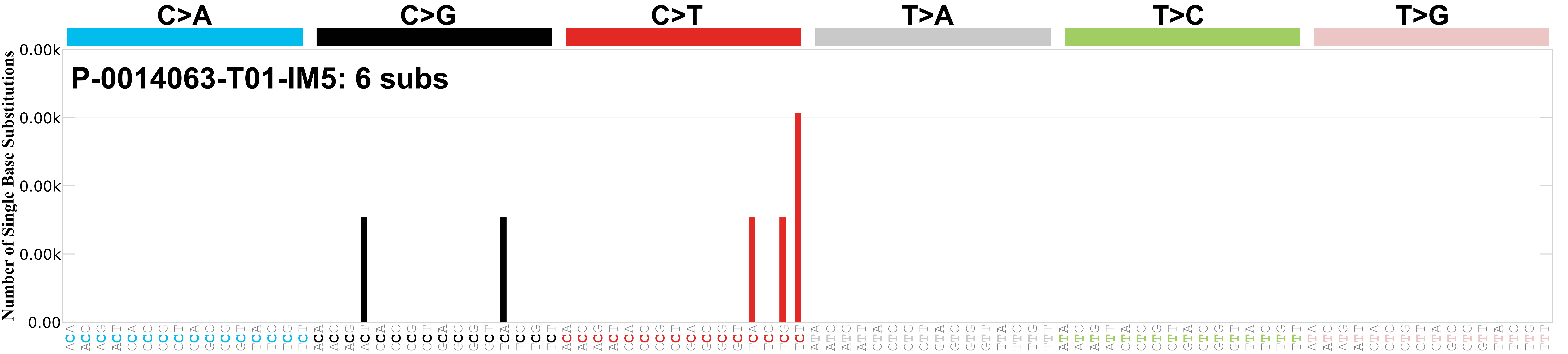


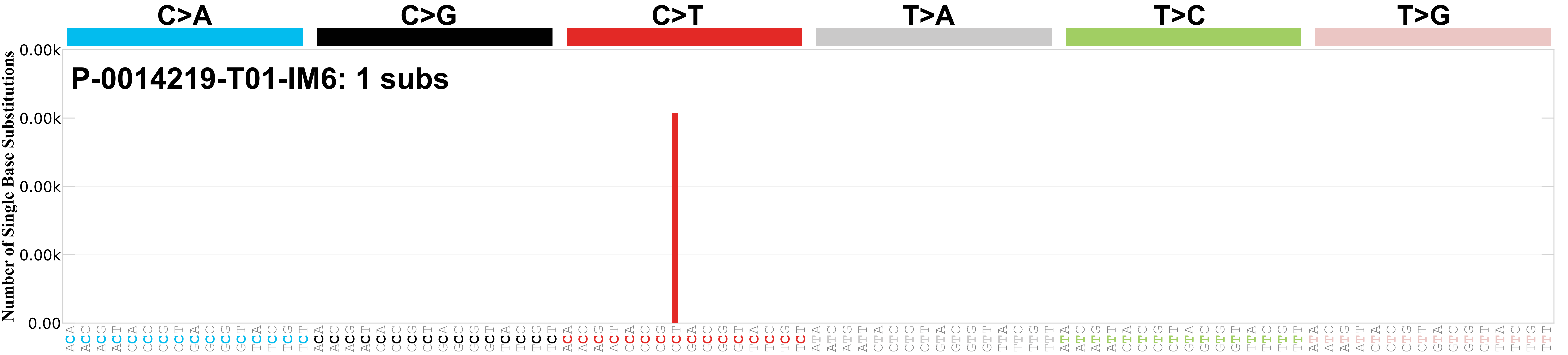


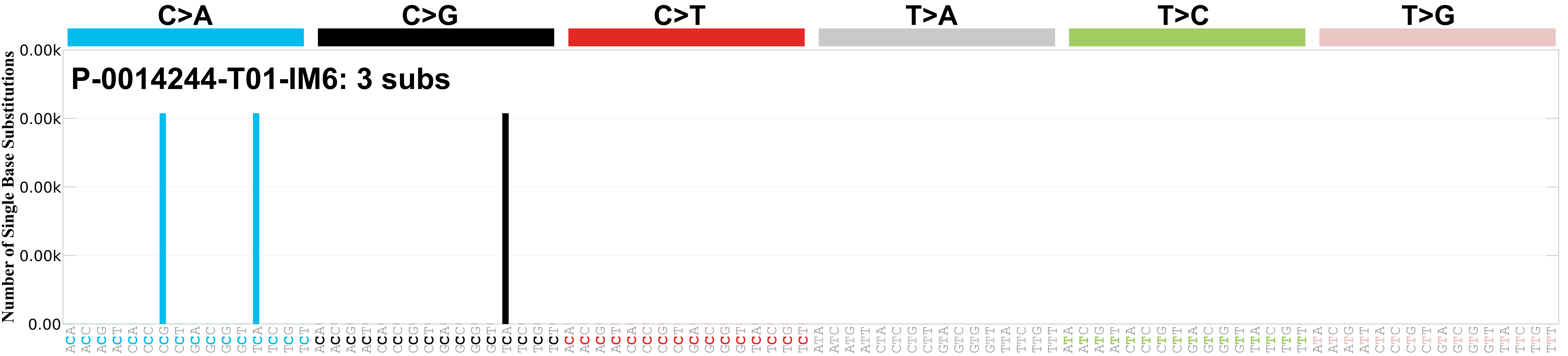
Number of Single Base Substitutions

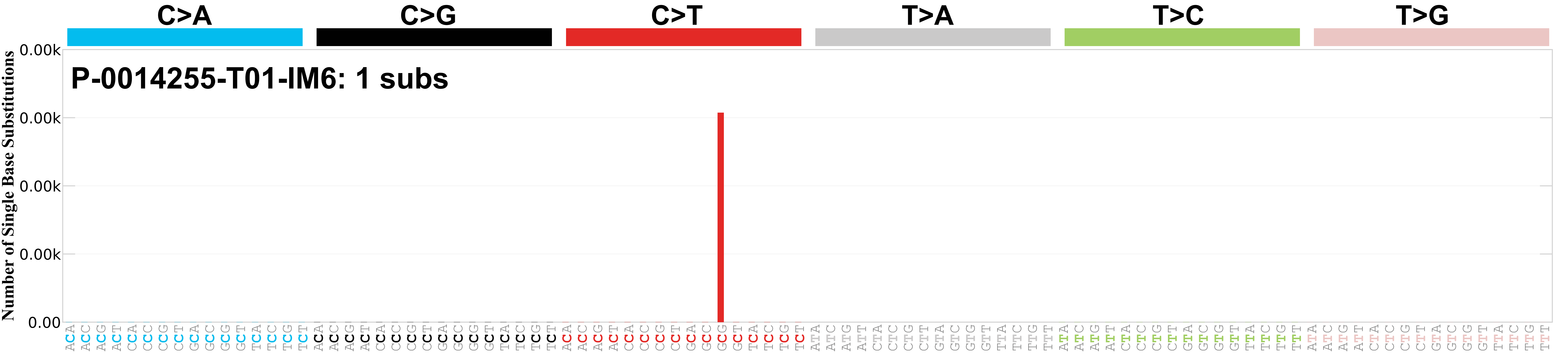


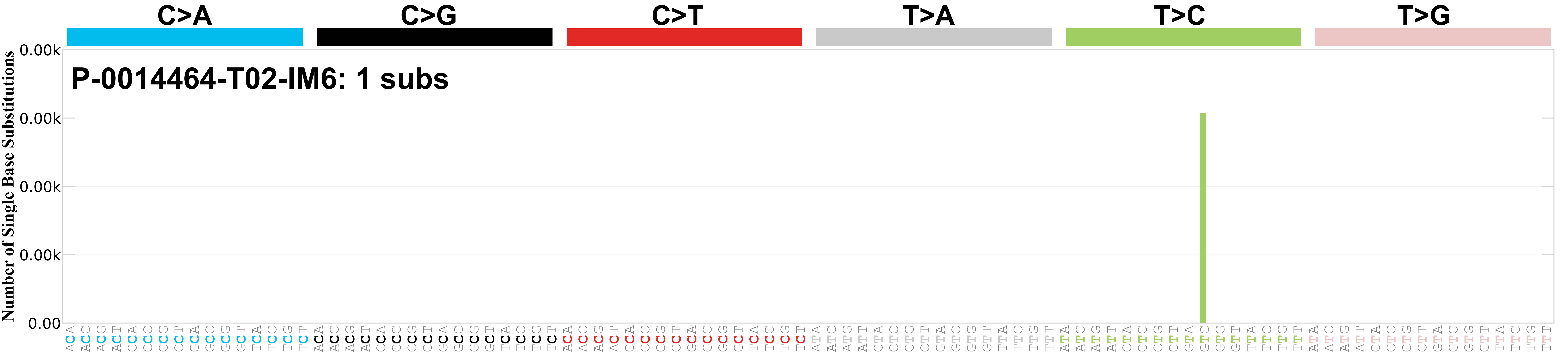


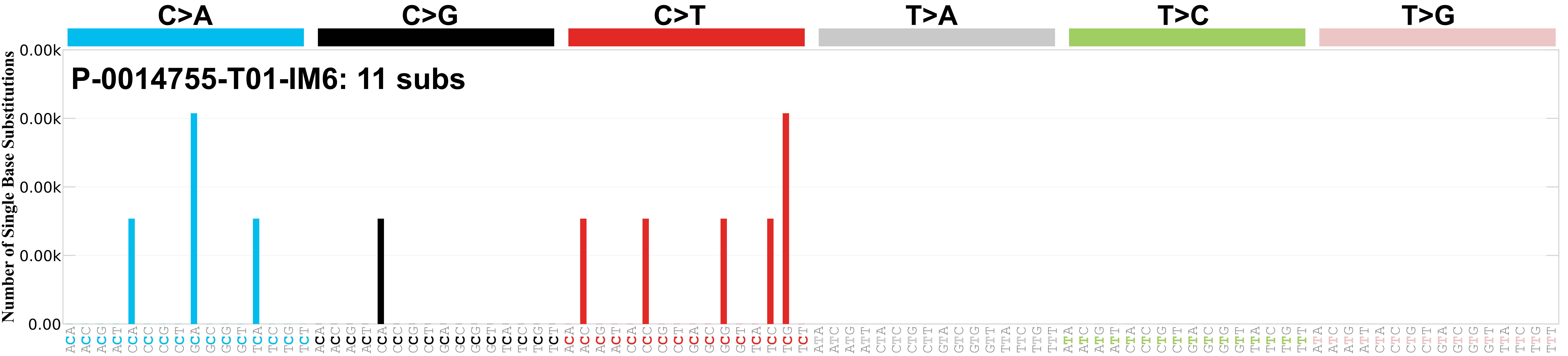


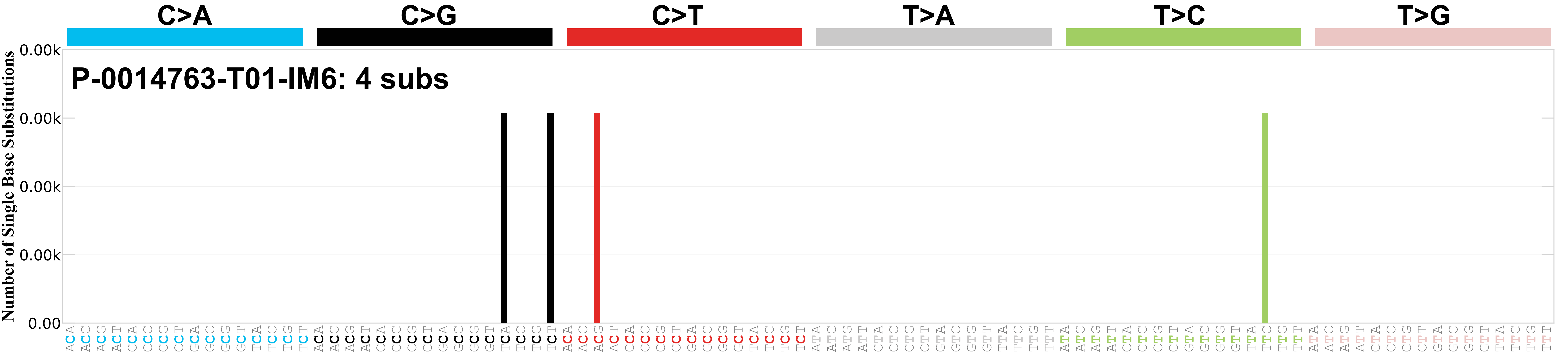


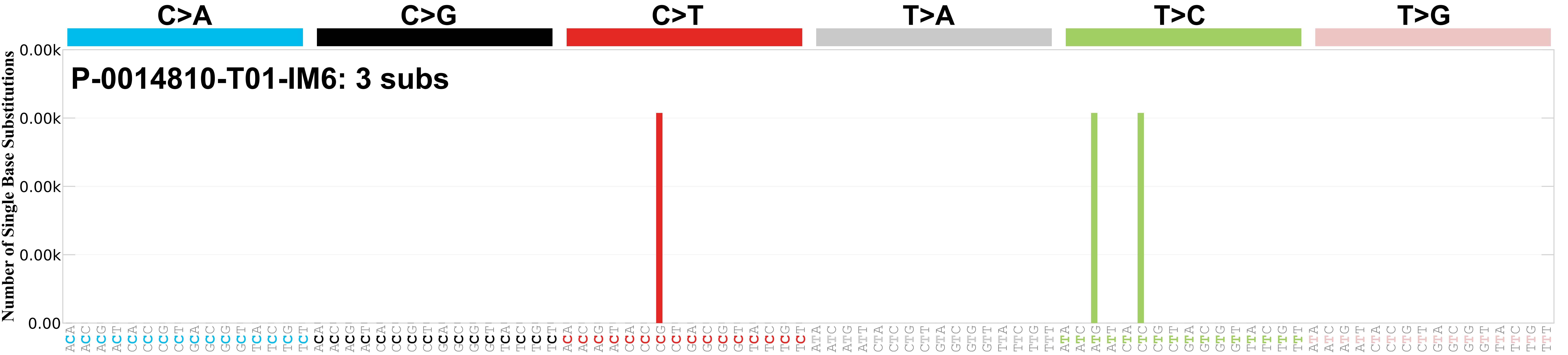


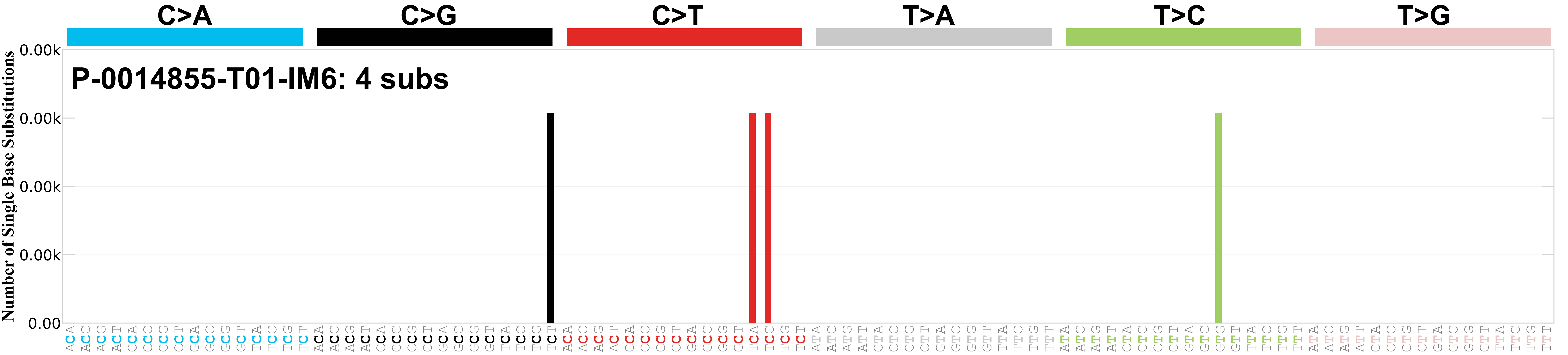


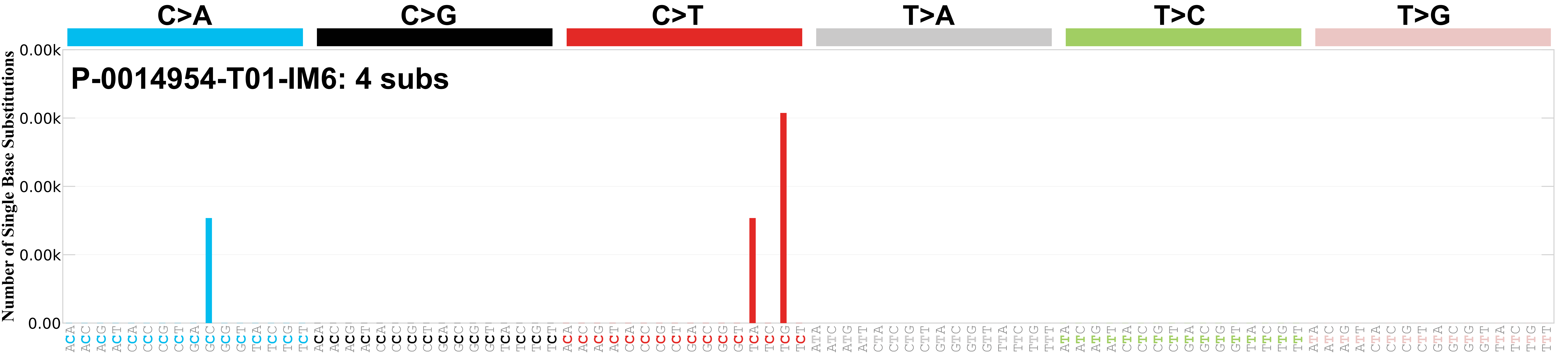


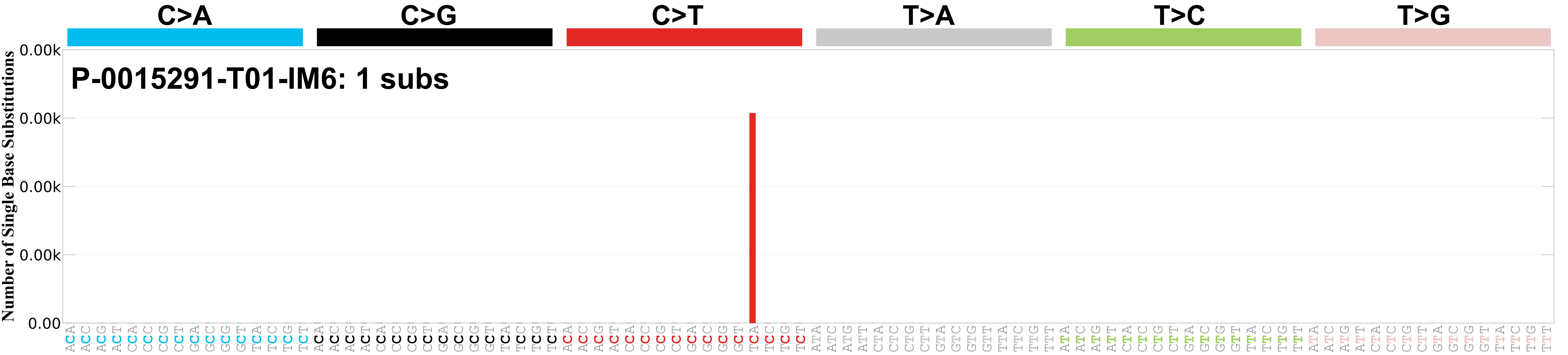


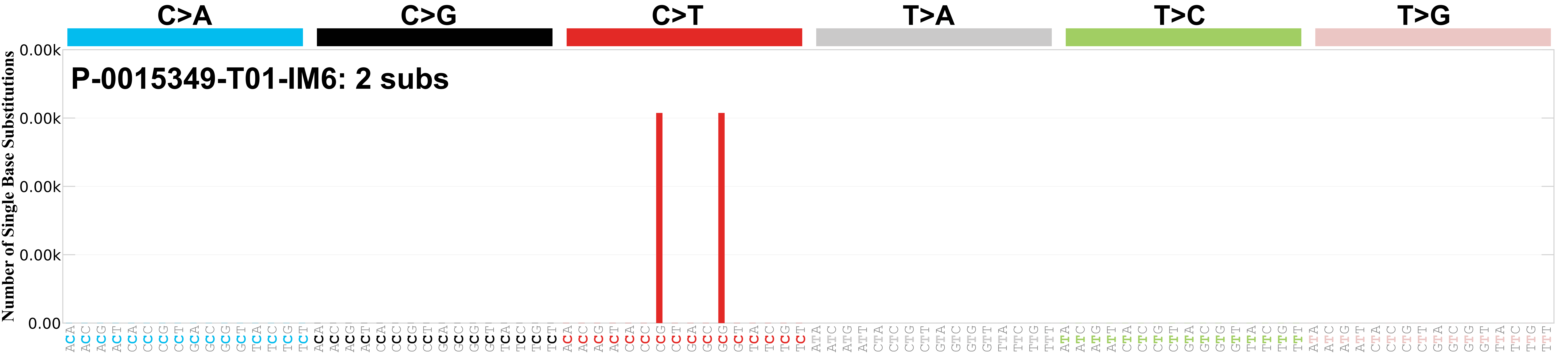


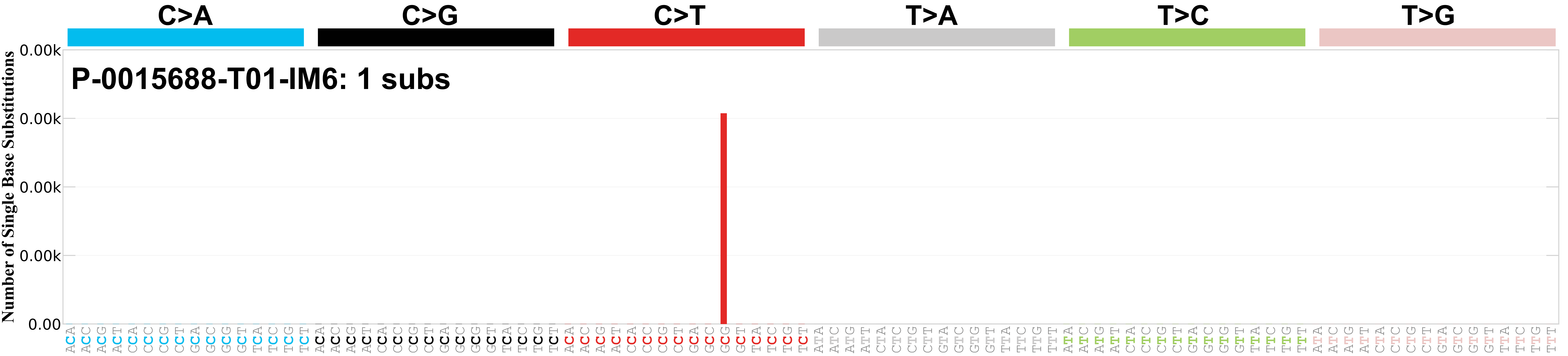


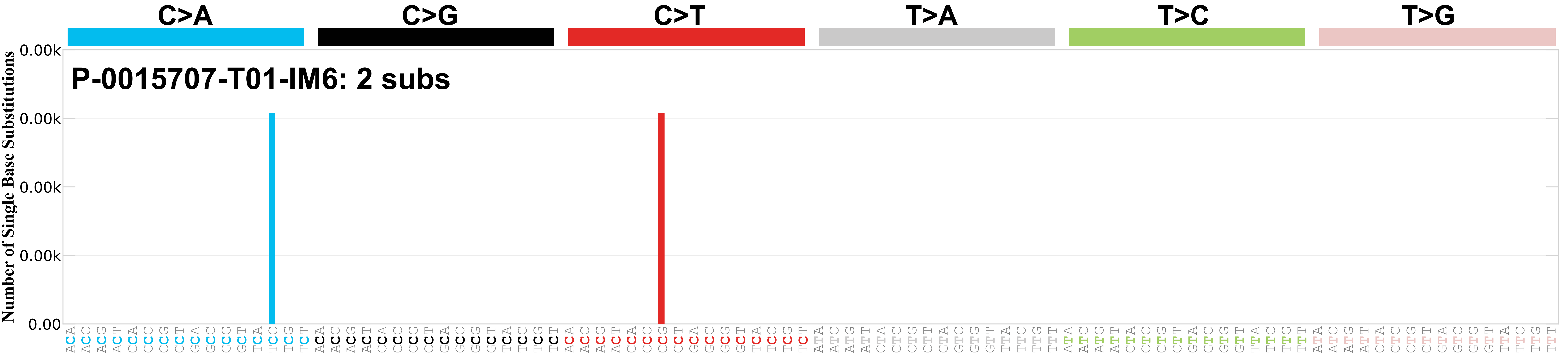


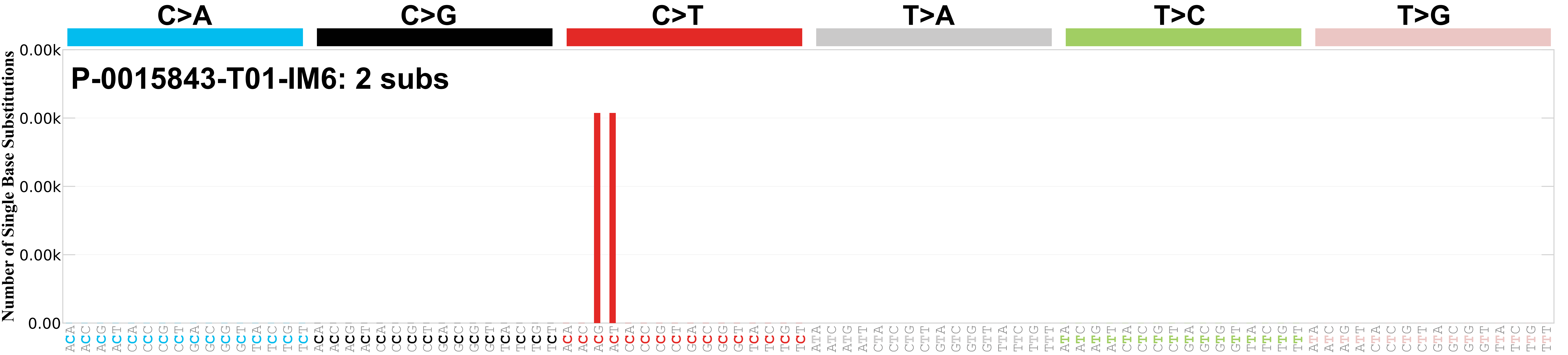


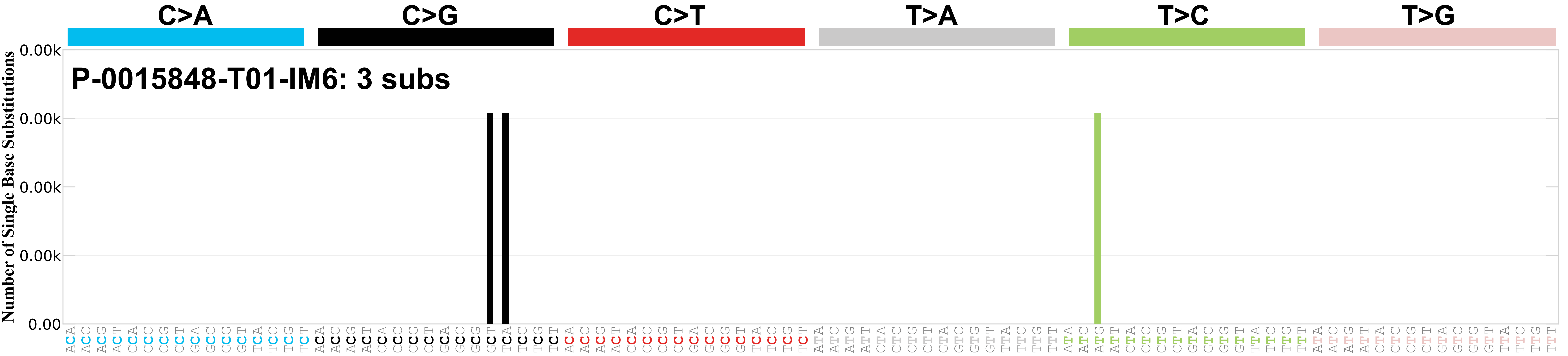


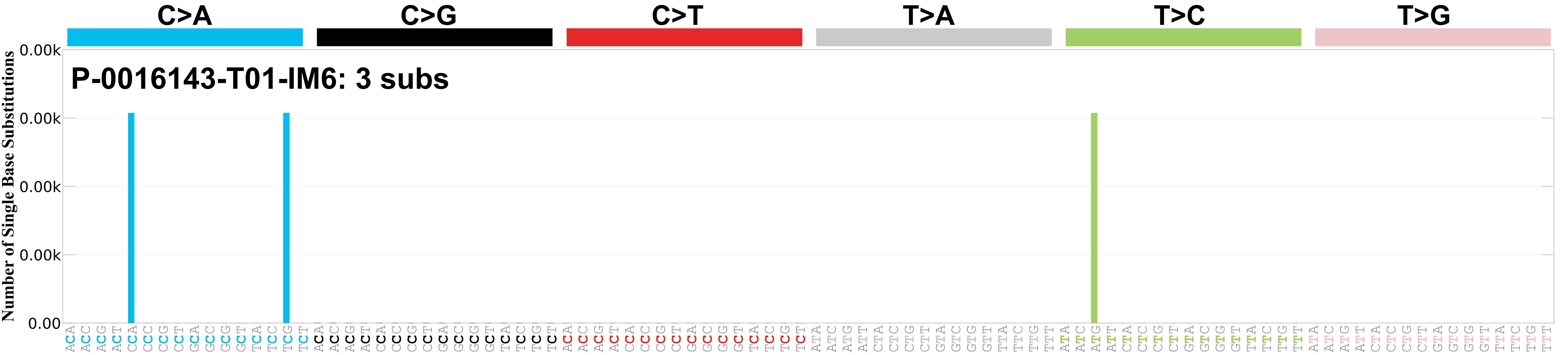


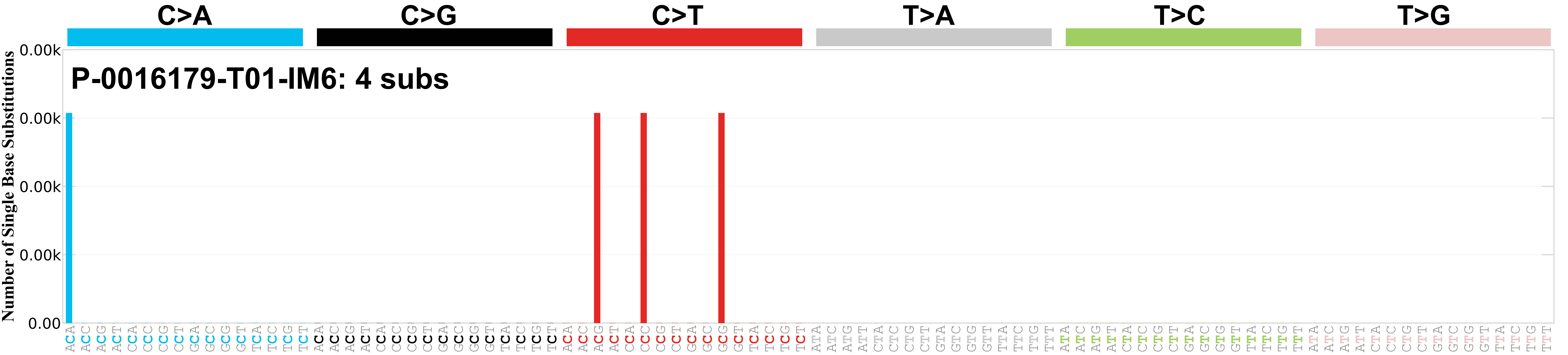


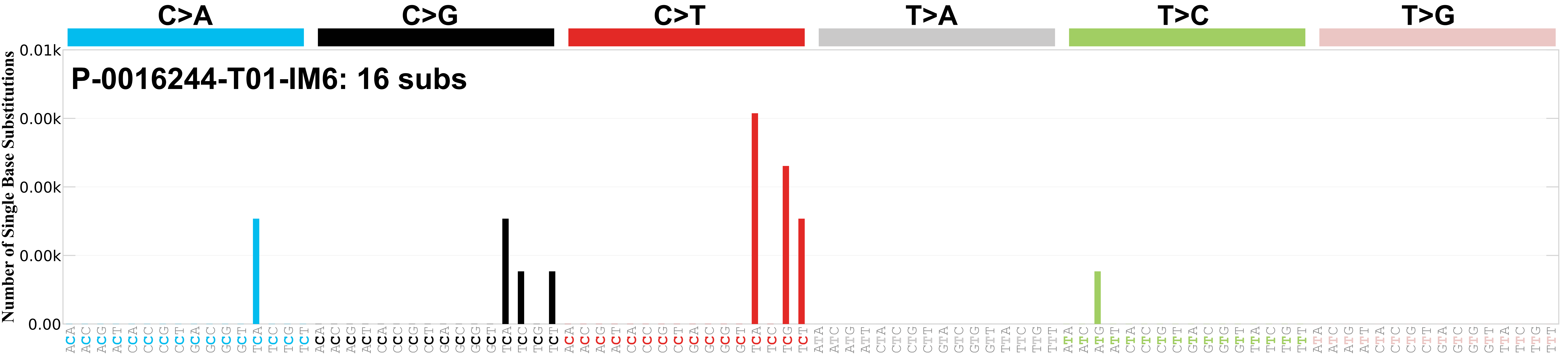


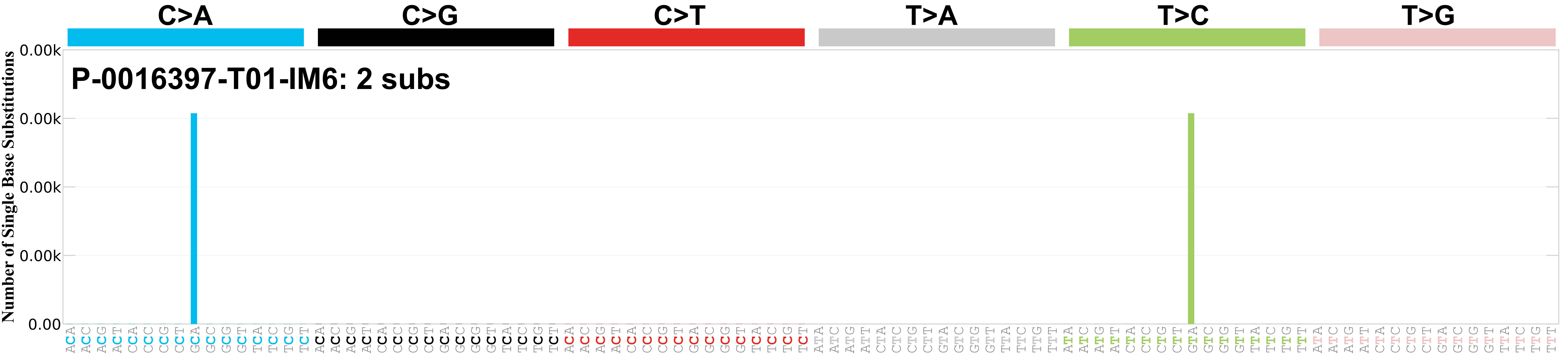


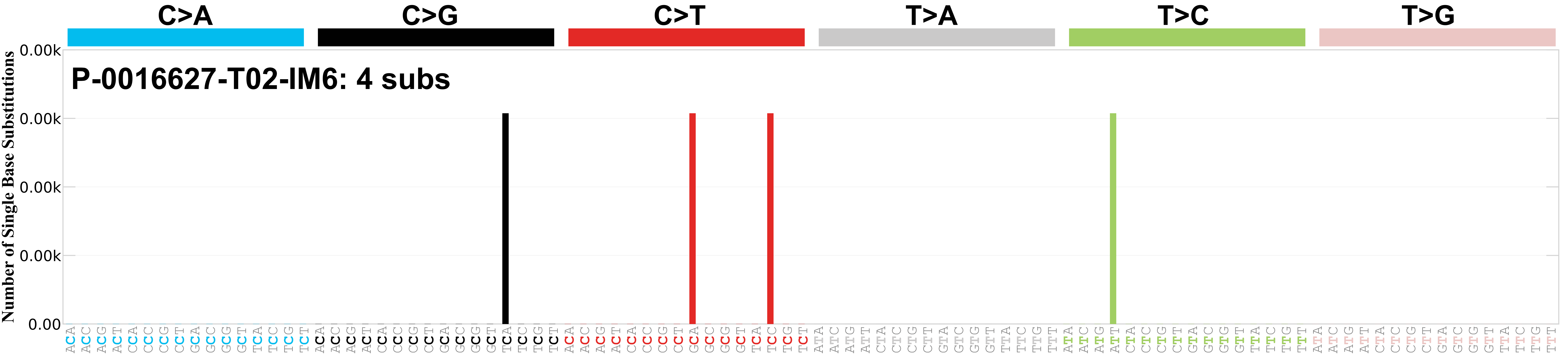


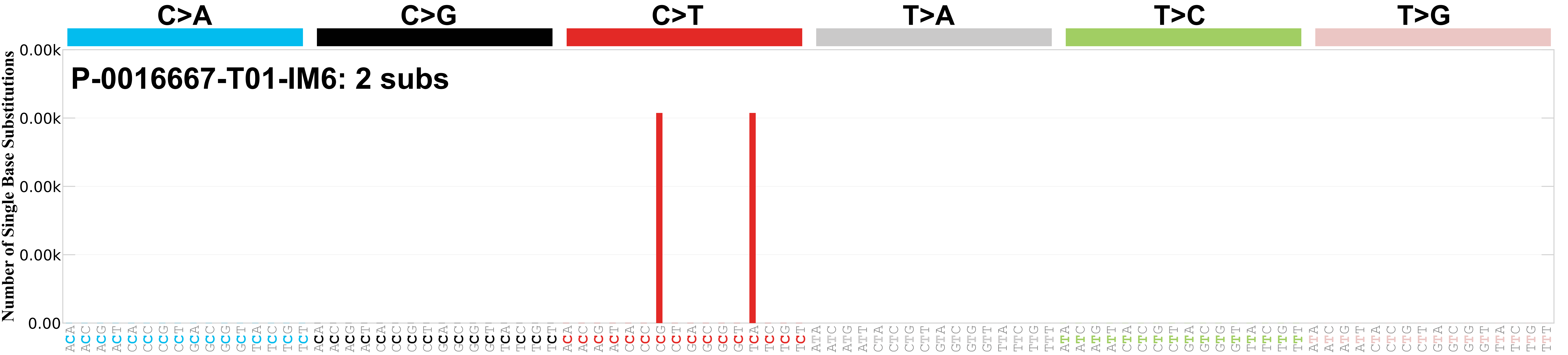


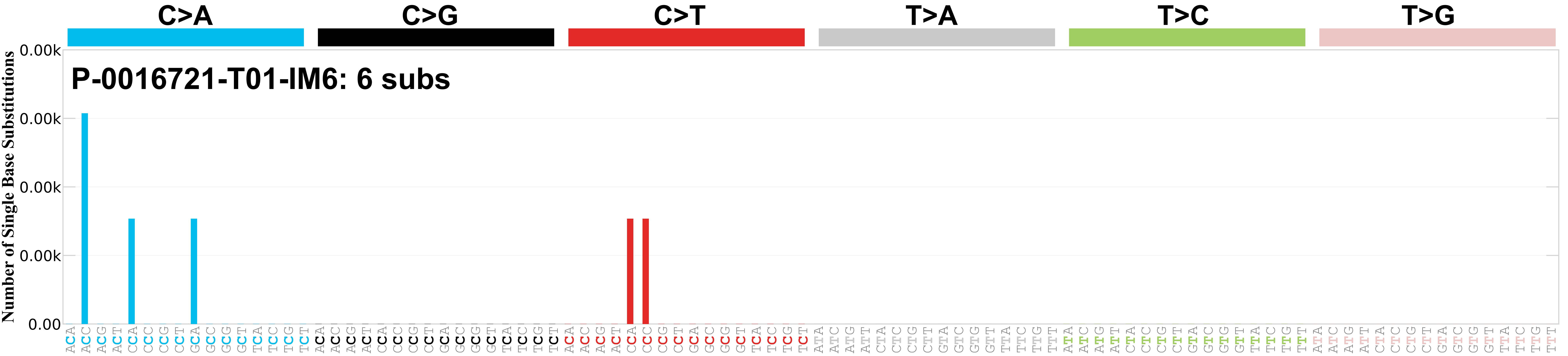


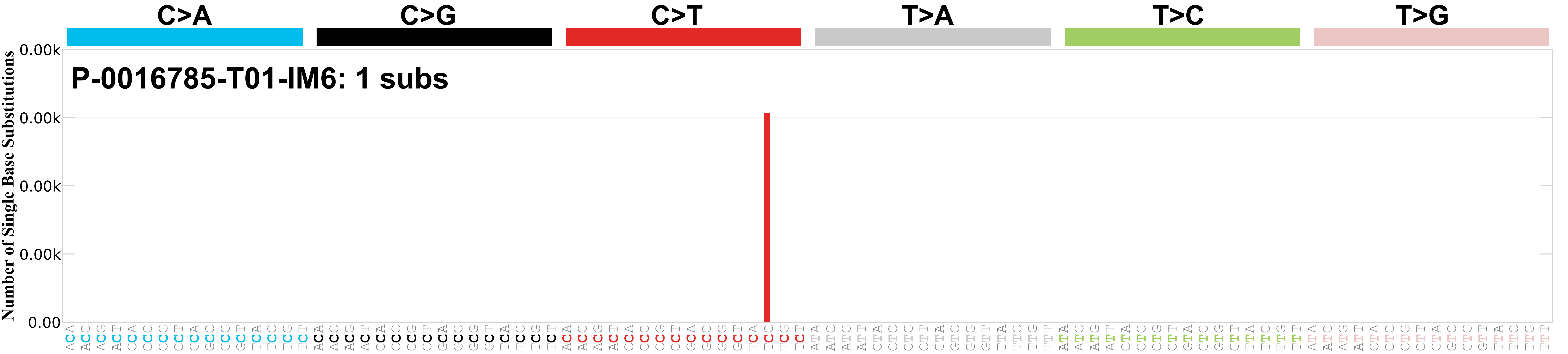


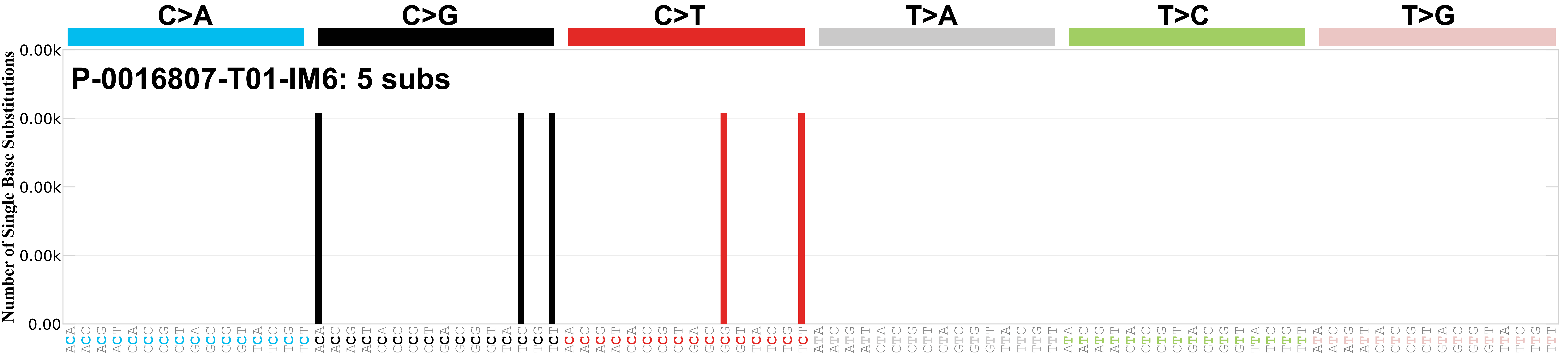


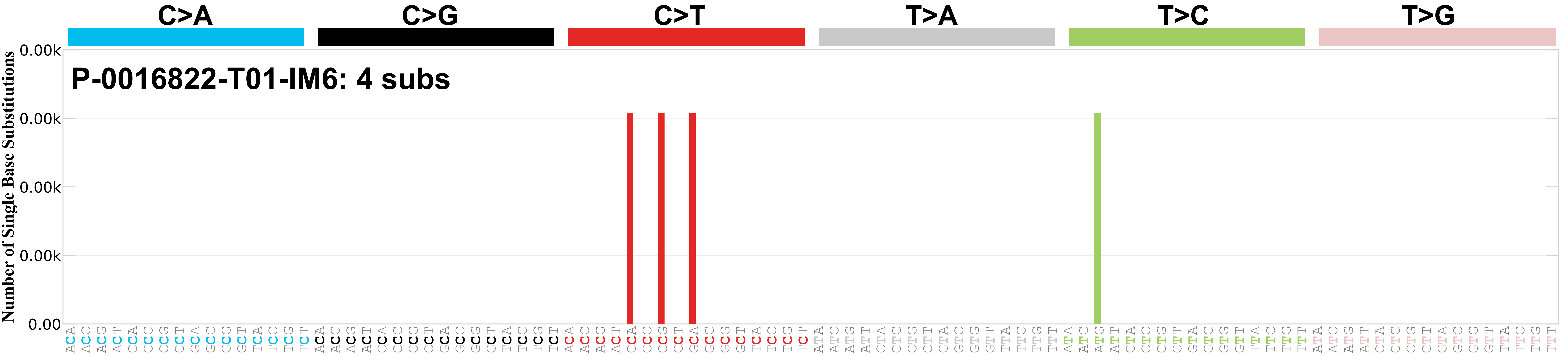


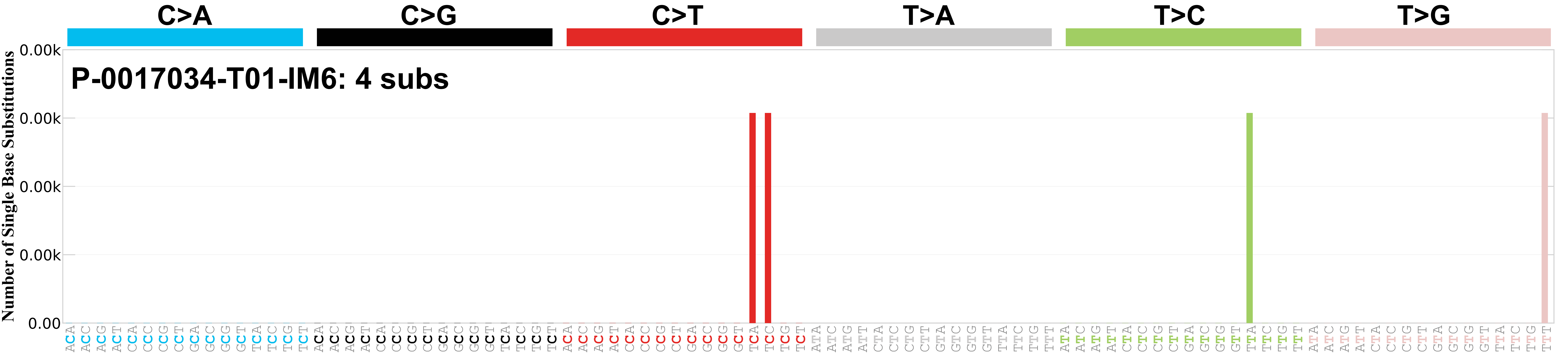


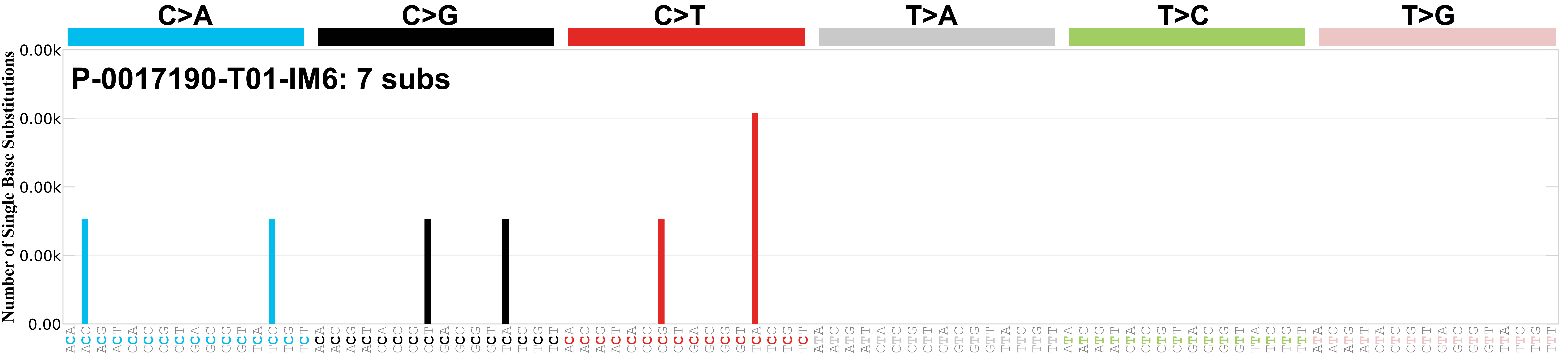


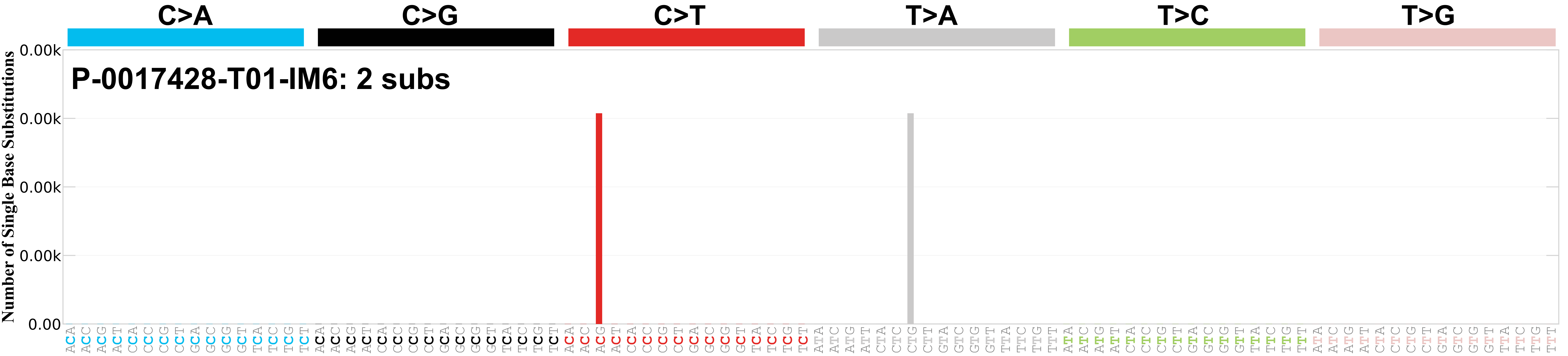












C > A

C>G

C>T

T > A

T > C

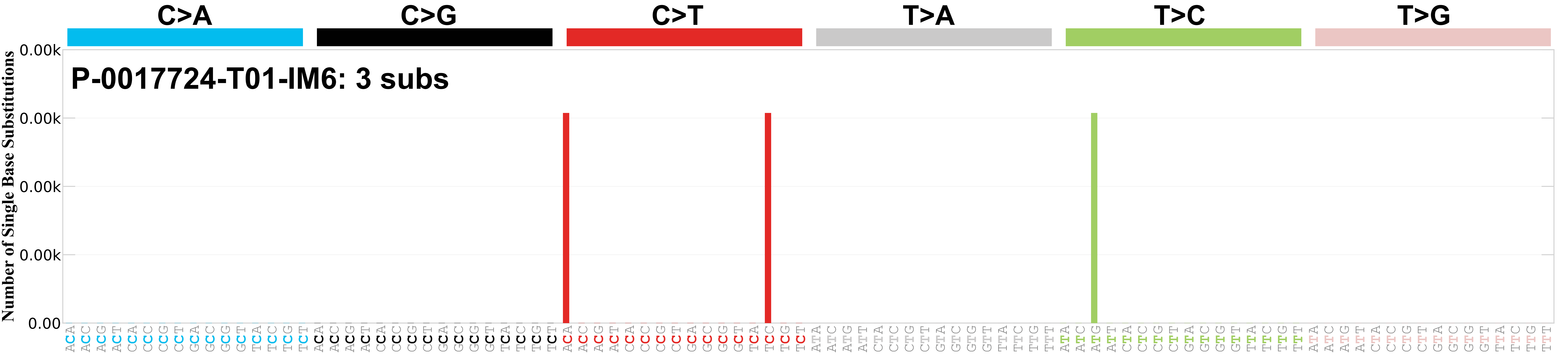
T>G

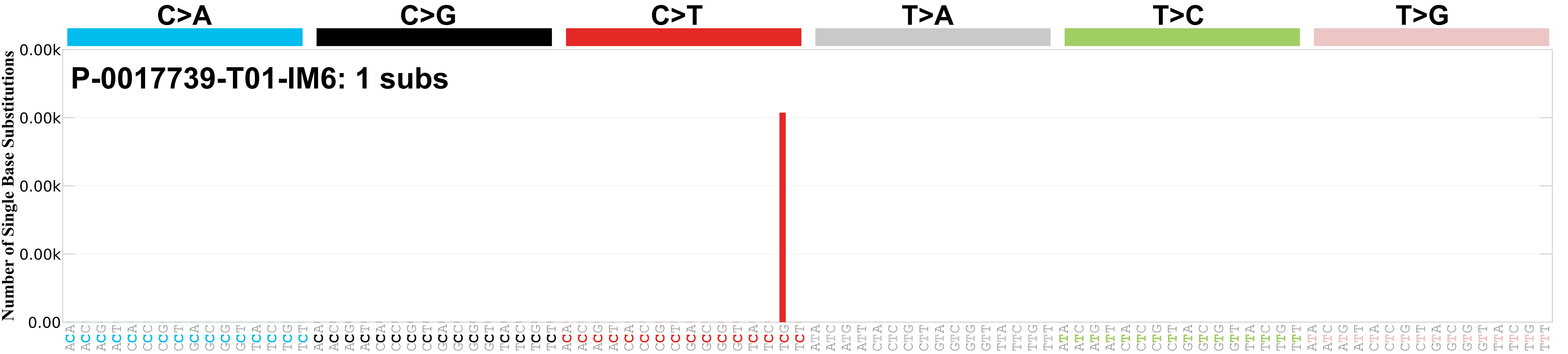
P-0017603-T01-IM5: 0 subs

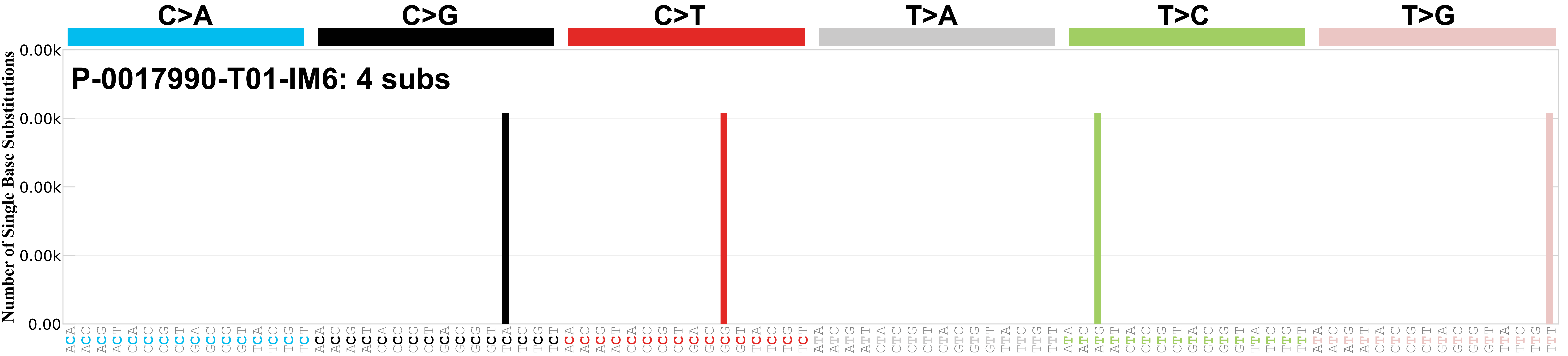
Number of Single Base Substitutions

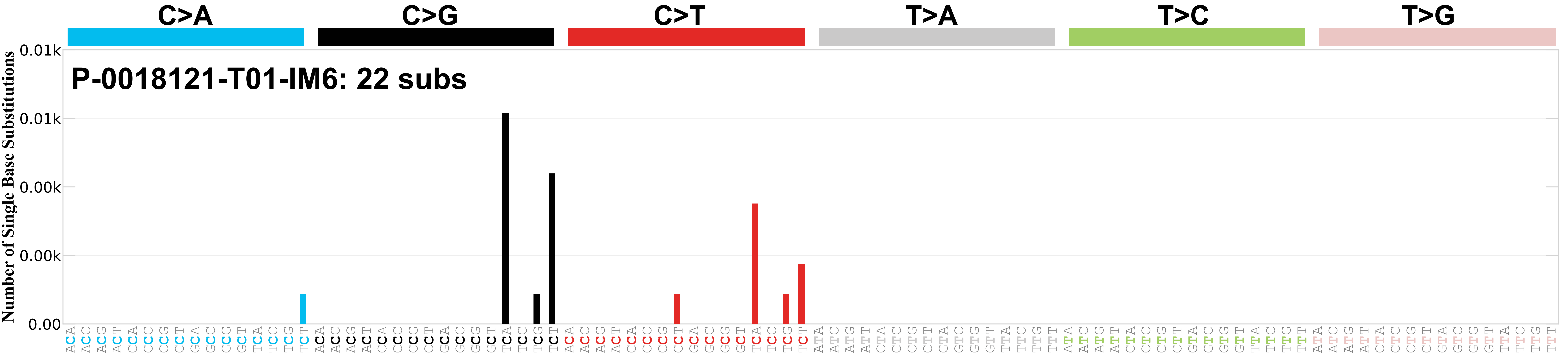
0.00k

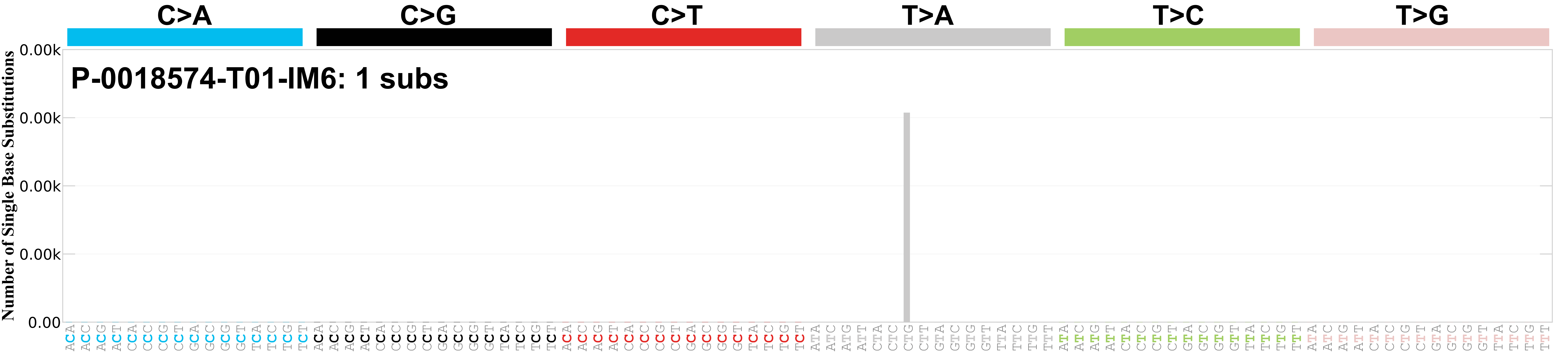
A**C**A
 A**C**C
 A**C**G
 A**C**T
 C**C**A
 C**C**C
 C**C**G
 C**C**T
 G**G**A
 G**G**C
 G**G**G
 G**G**T
 T**T**A
 T**T**C
 T**T**G
 T**T**C
 T**T**C
 A**C**A
 A**C**C
 A**C**G
 A**C**T
 C**C**A
 C**C**C
 C**C**G
 C**C**T
 G**G**A
 G**G**C
 G**G**G
 G**G**T
 T**T**A
 T**T**C
 T**T**C
 T**T**G
 T**T**C
 T**T**C
 A**T**A
 A**T**C
 A**T**G
 A**T**T
 C**T**A
 C**T**C
 C**T**G
 C**T**T
 G**T**A
 G**T**C
 G**T**G
 G**T**T
 T**T**A
 T**T**C
 T**T**G
 T**T**T
 A**T**A
 A**T**C
 A**T**G
 A**T**T
 C**T**A
 C**T**C
 C**T**G
 C**T**T
 G**T**A
 G**T**C
 G**T**G
 G**T**T
 T**T**A
 T**T**C
 T**T**G
 T**T**T
 A**T**A
 A**T**C
 A**T**G
 A**T**T
 C**T**A
 C**T**C
 C**T**G
 C**T**T
 G**T**A
 G**T**C
 G**T**G
 G**T**T
 T**T**A
 T**T**C
 T**T**G
 T**T**T

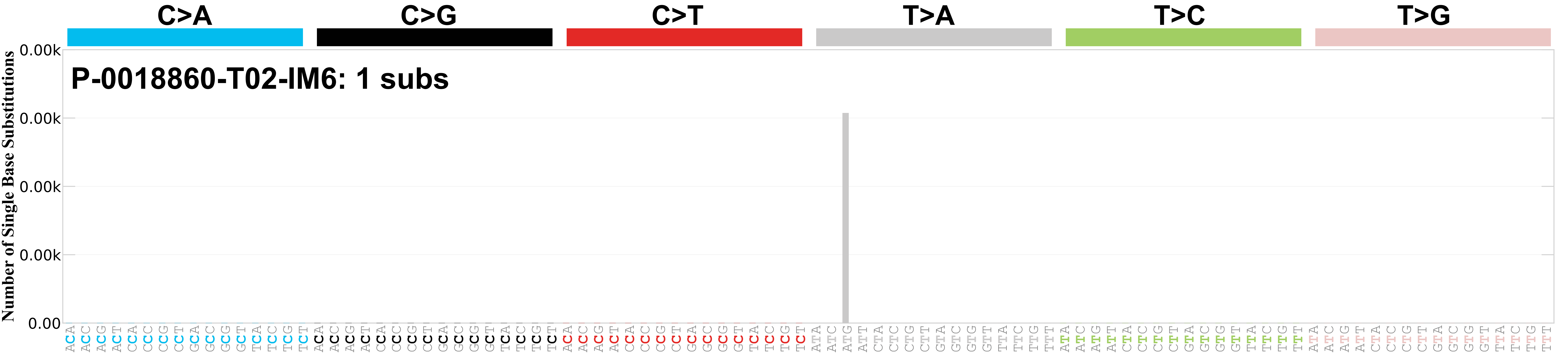


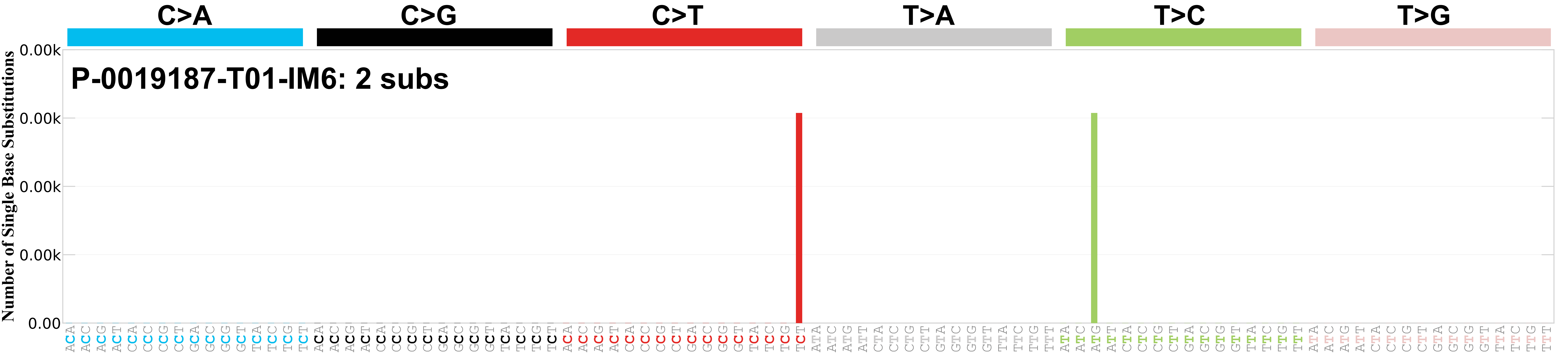


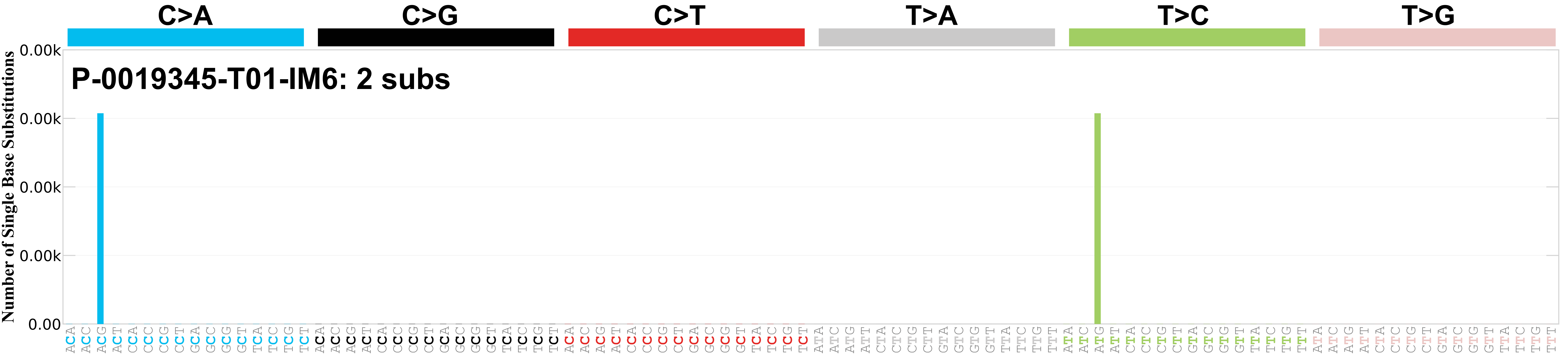


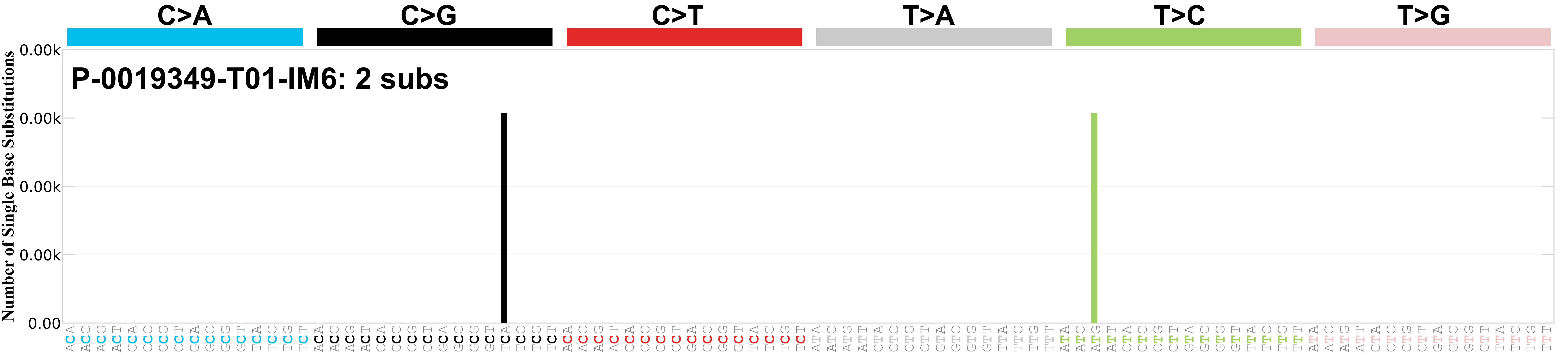




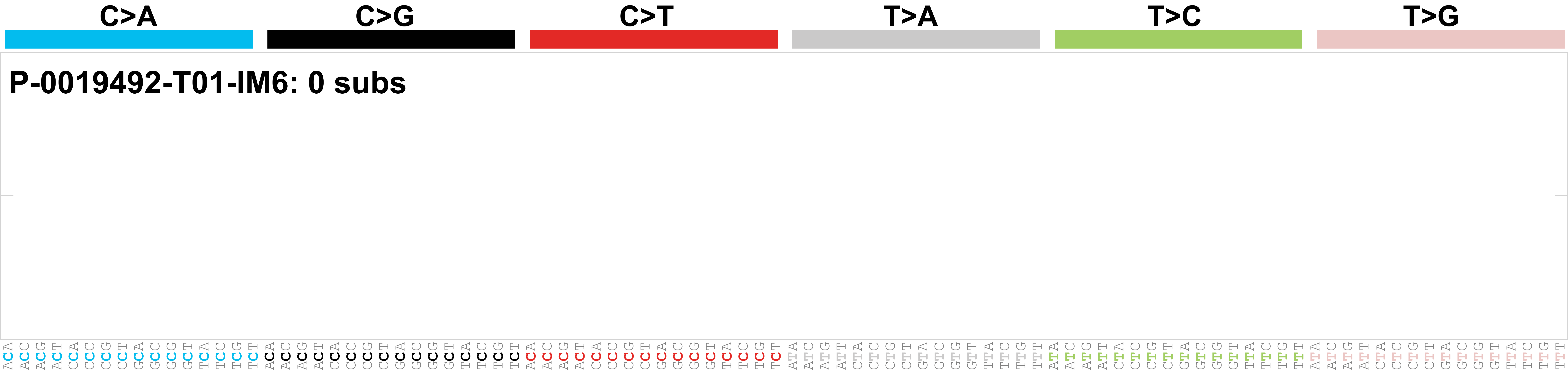


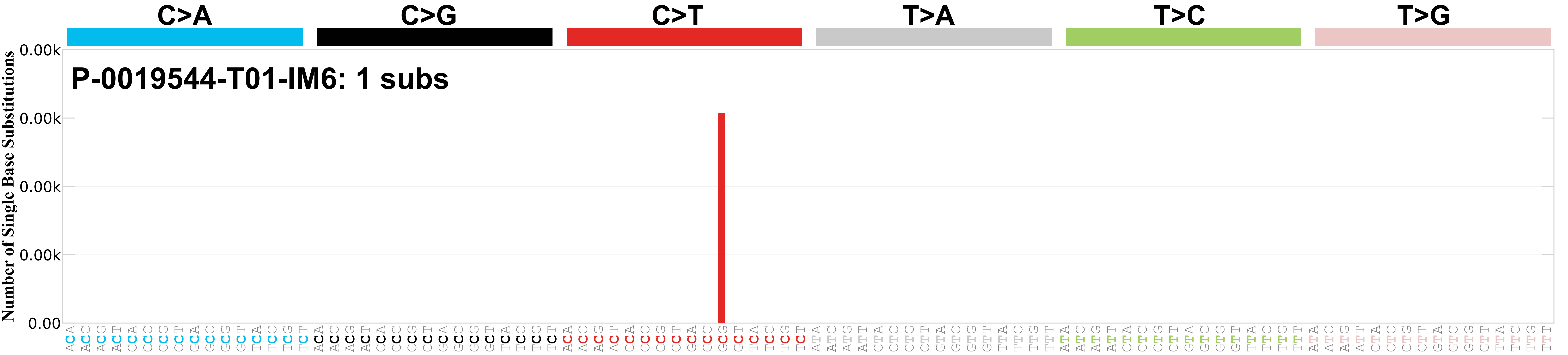


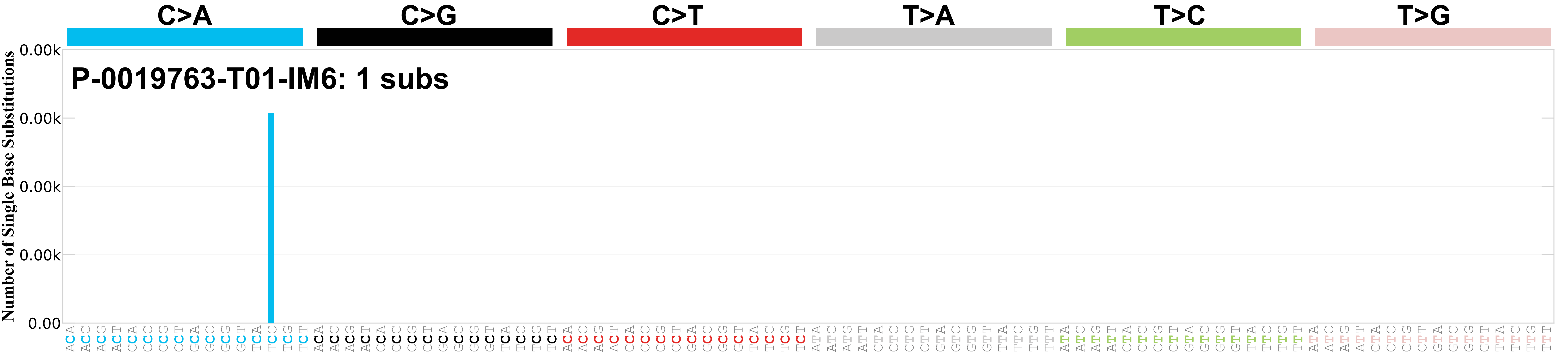


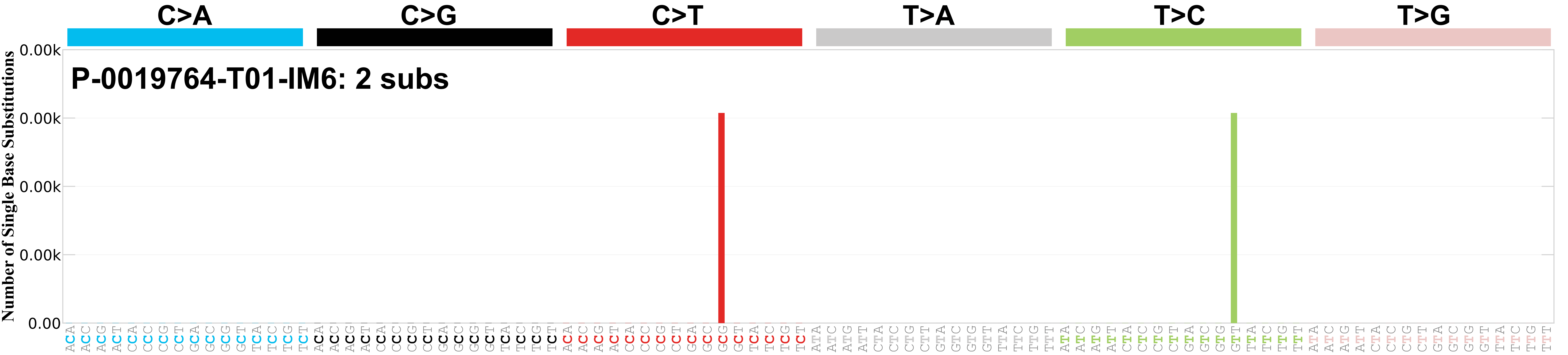


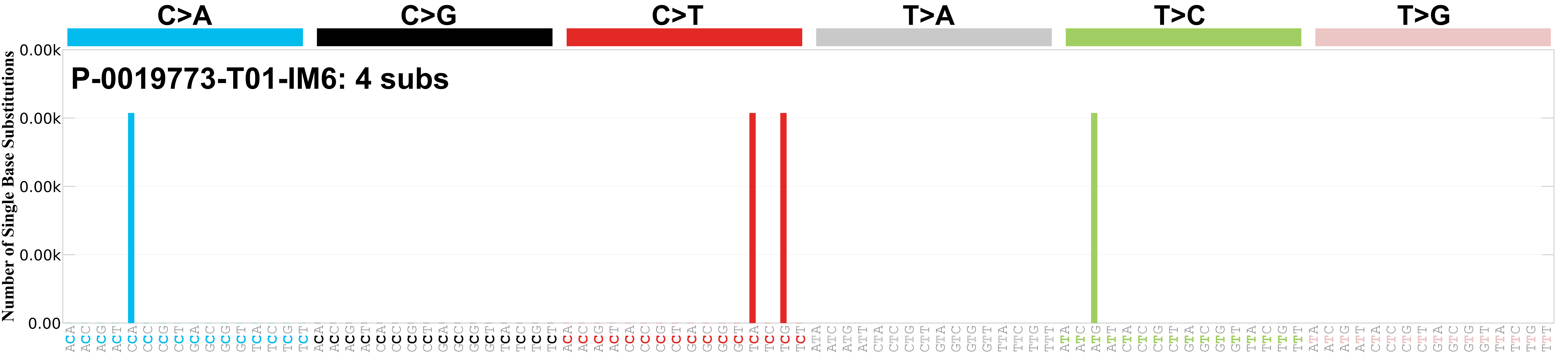
Number of Single Base Substitutions

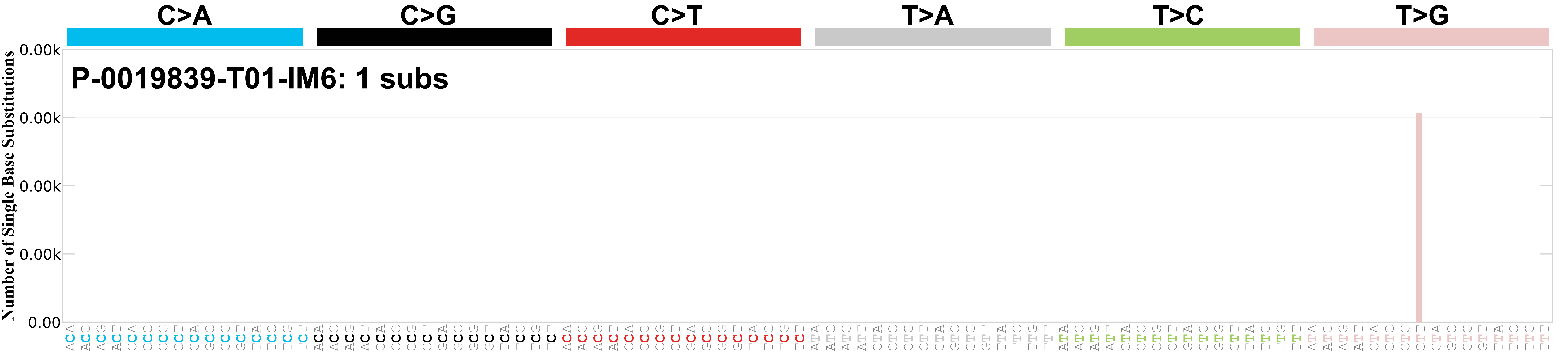


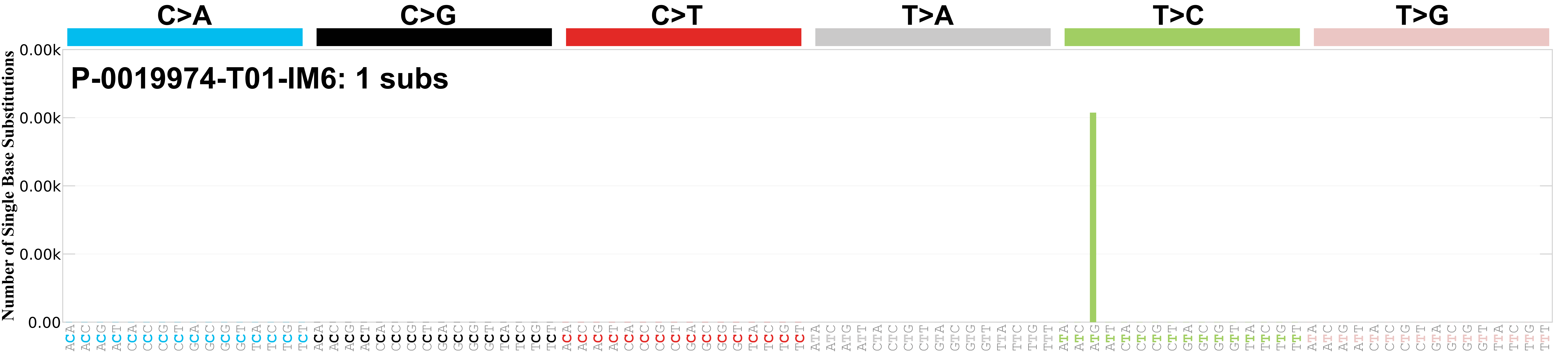




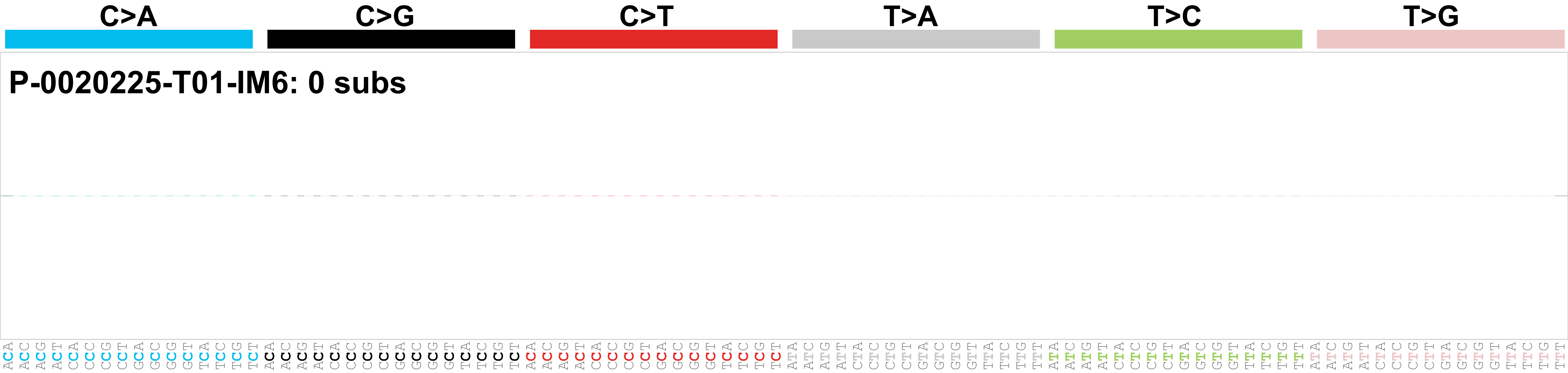


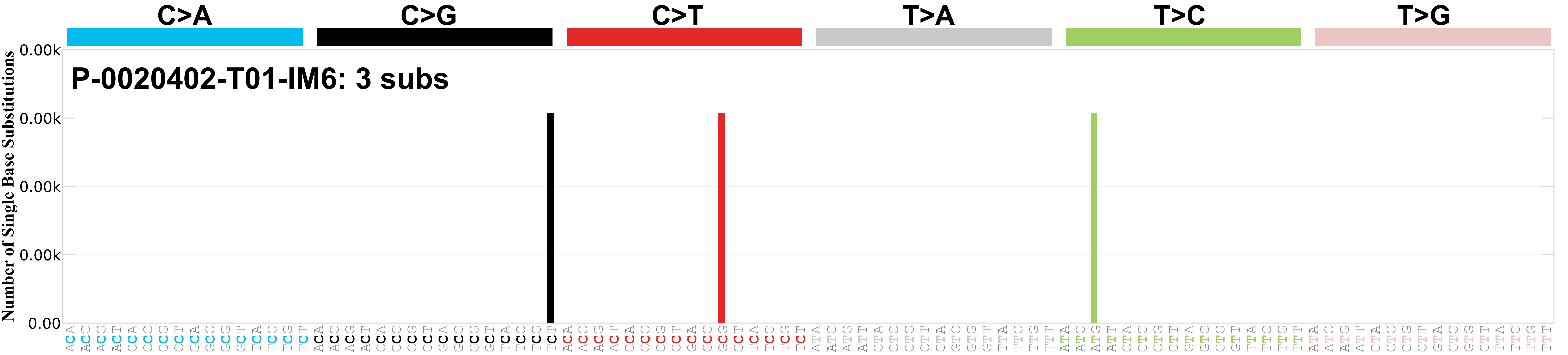


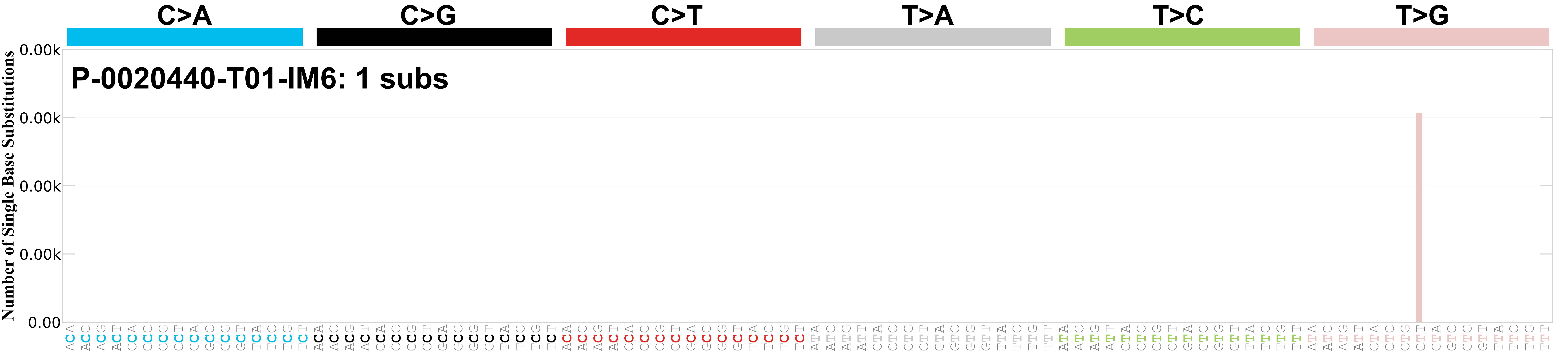


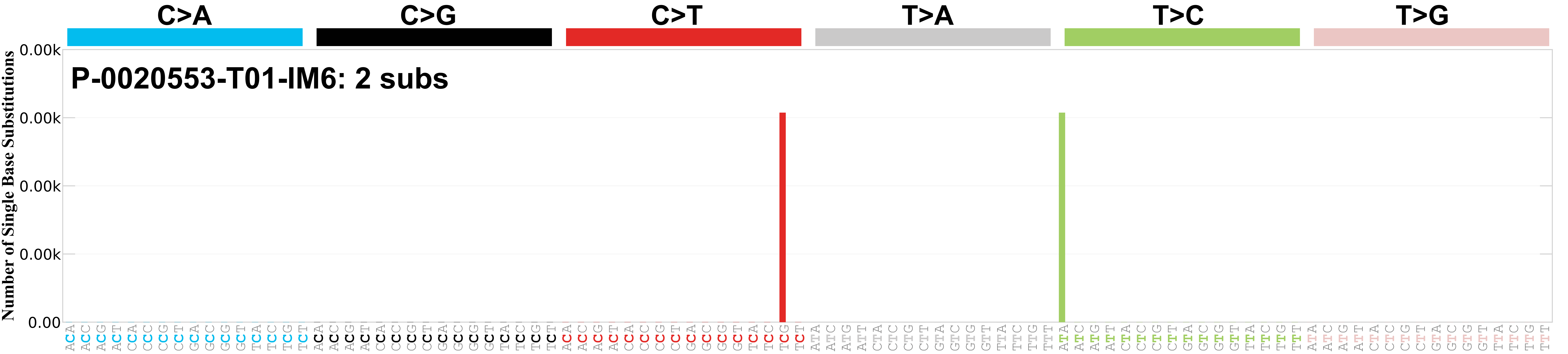


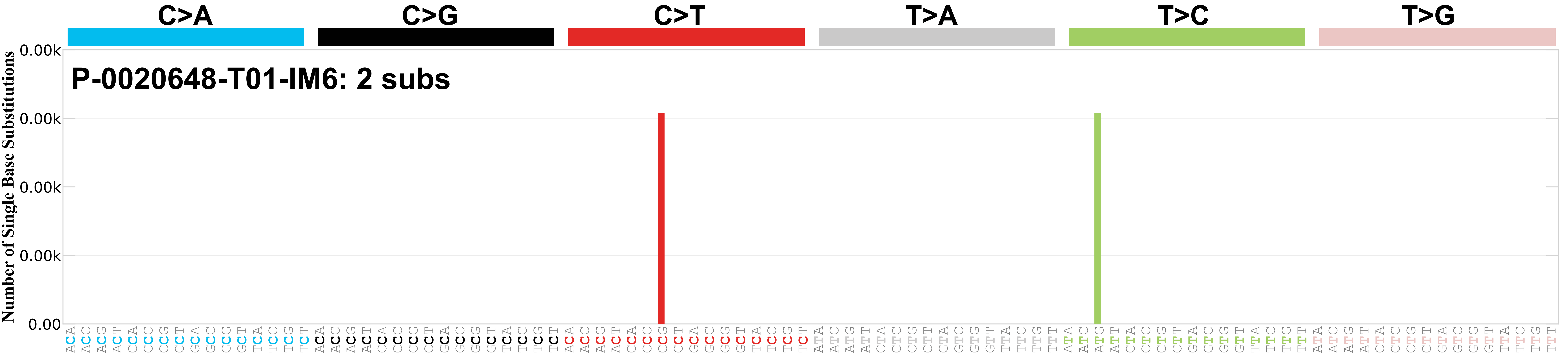
Number of Single Base Substitutions

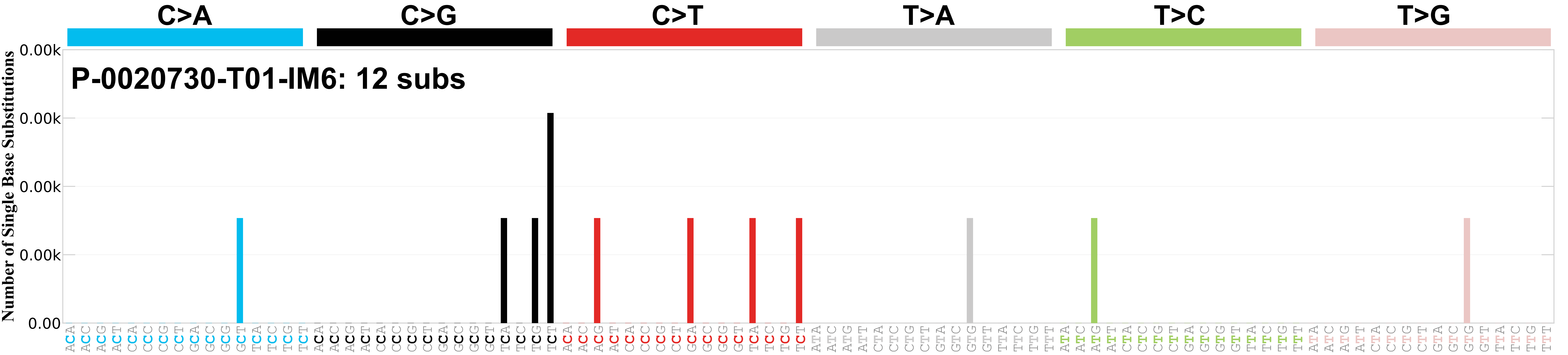


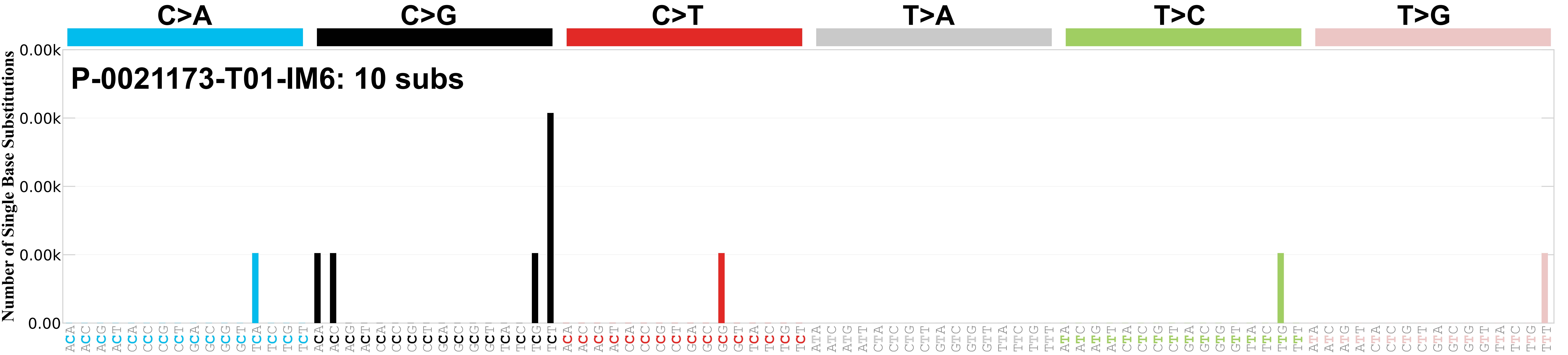


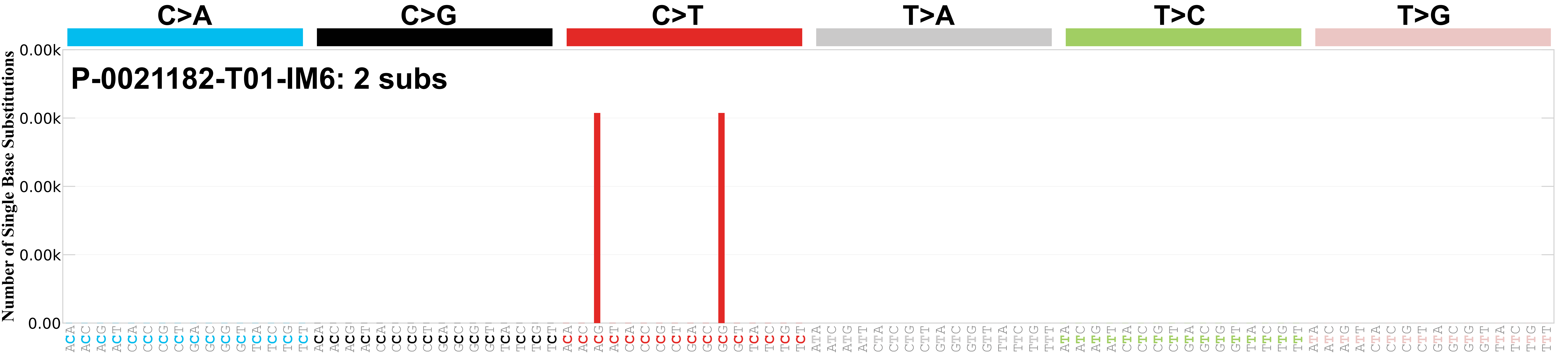


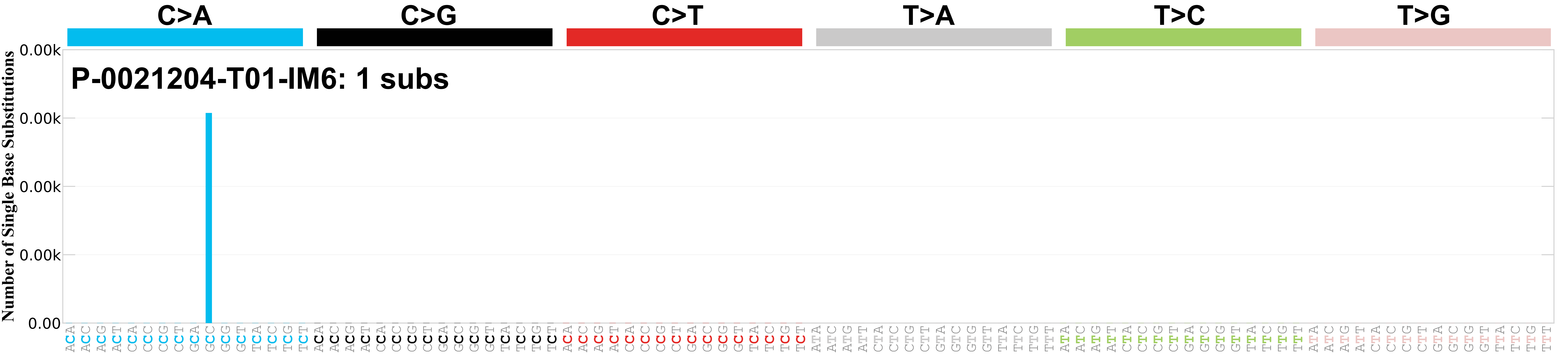


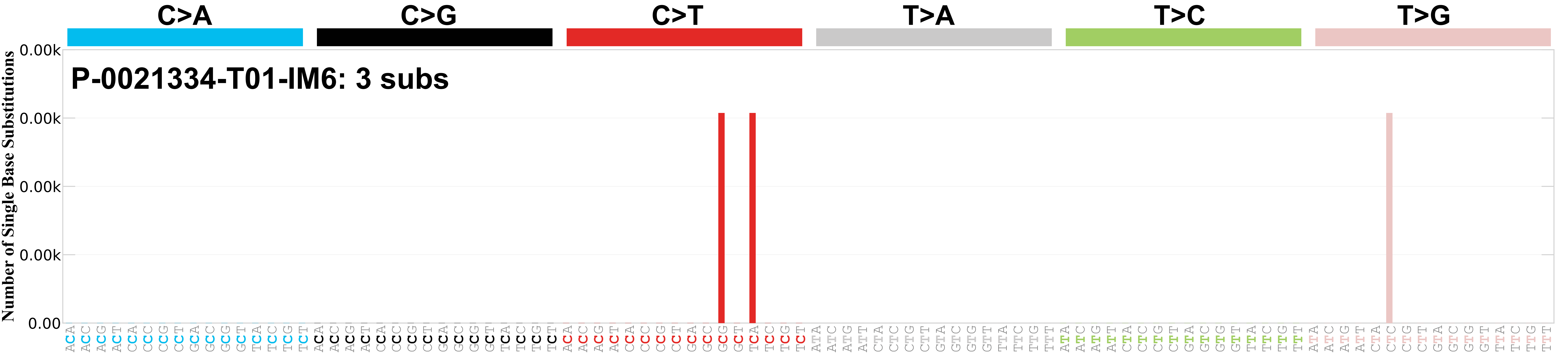


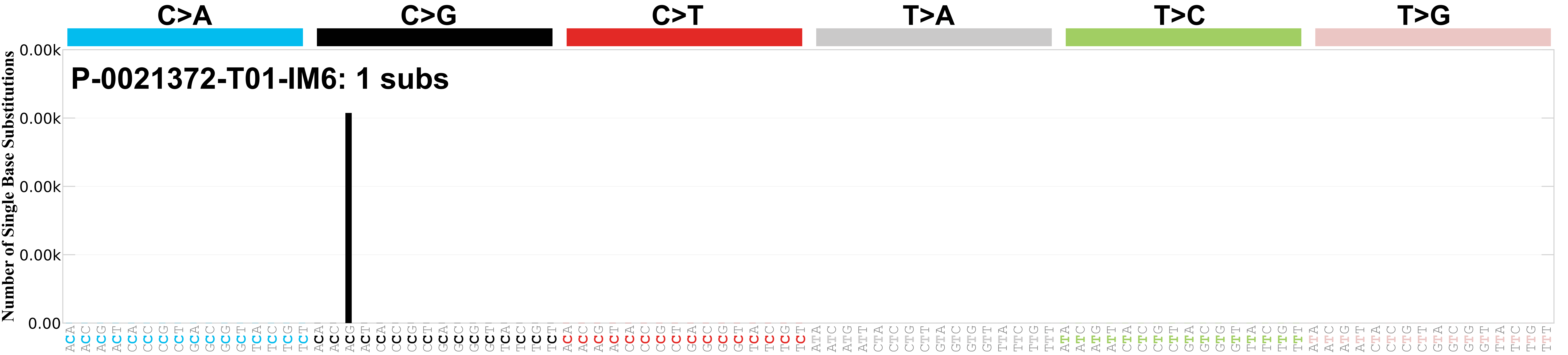


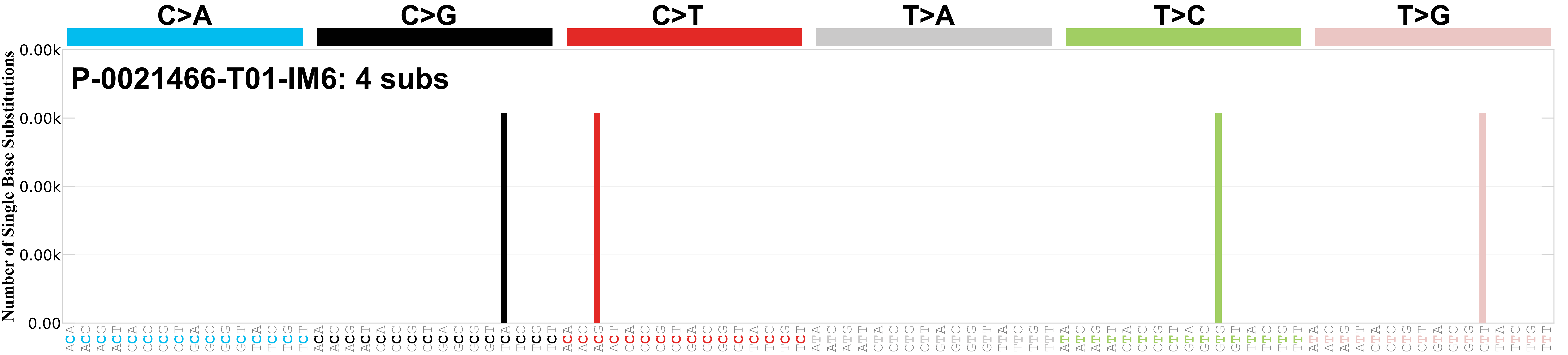


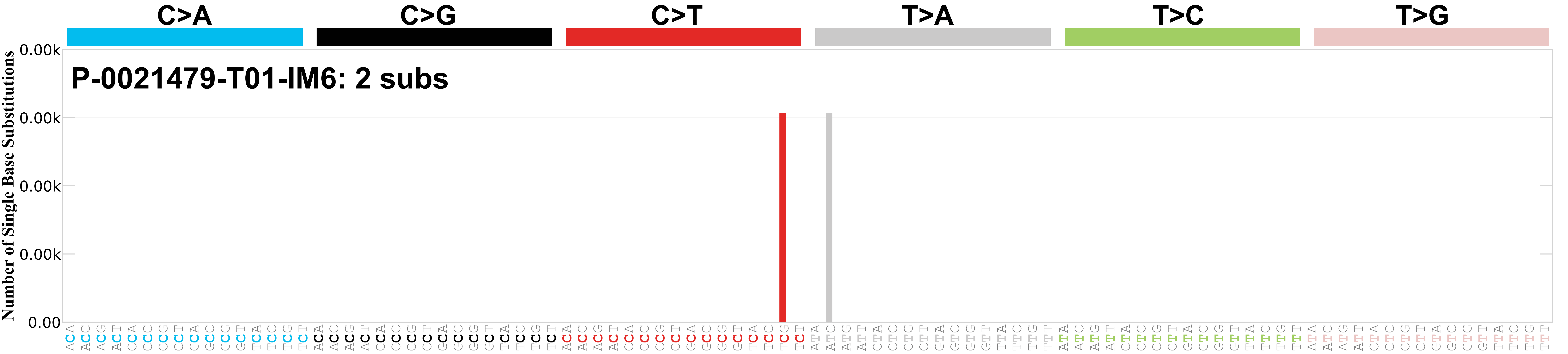


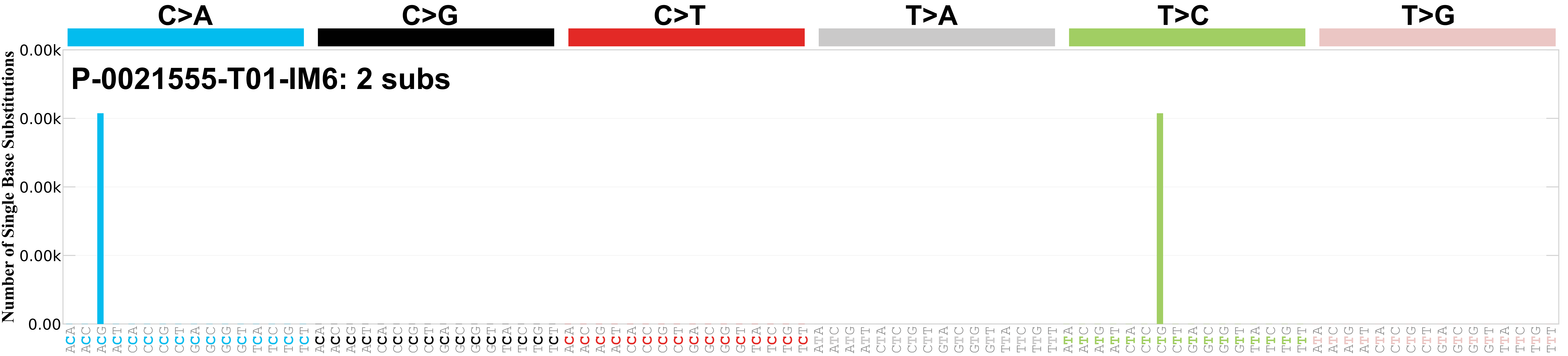


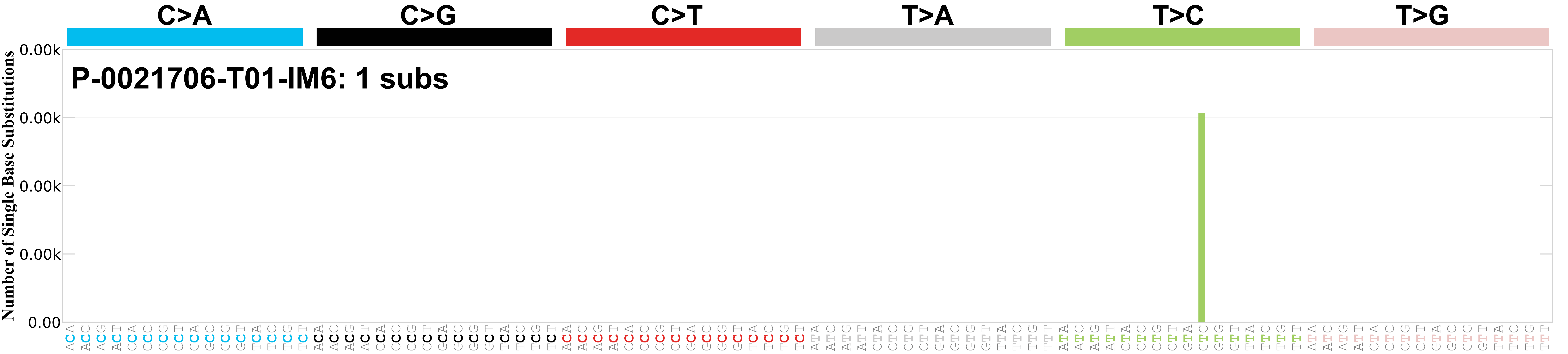


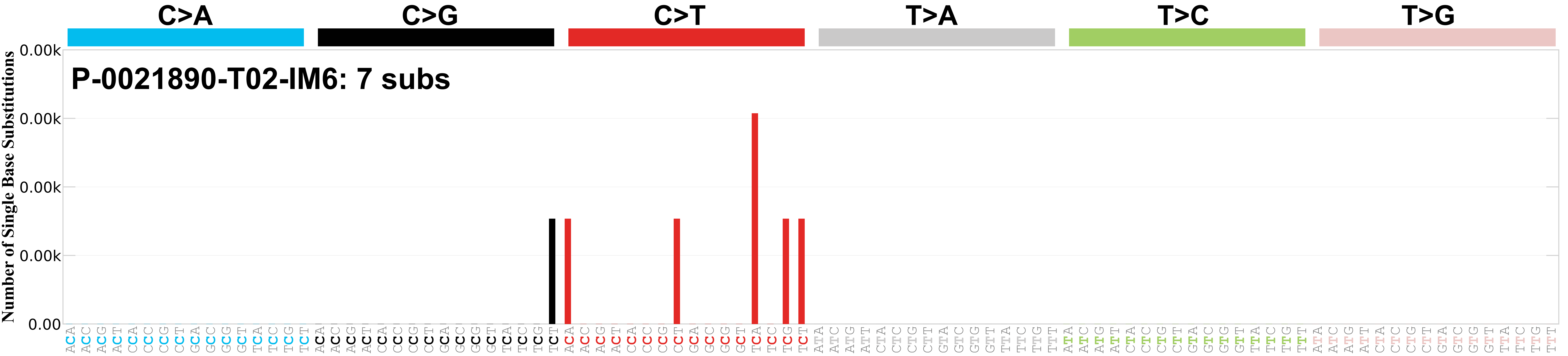


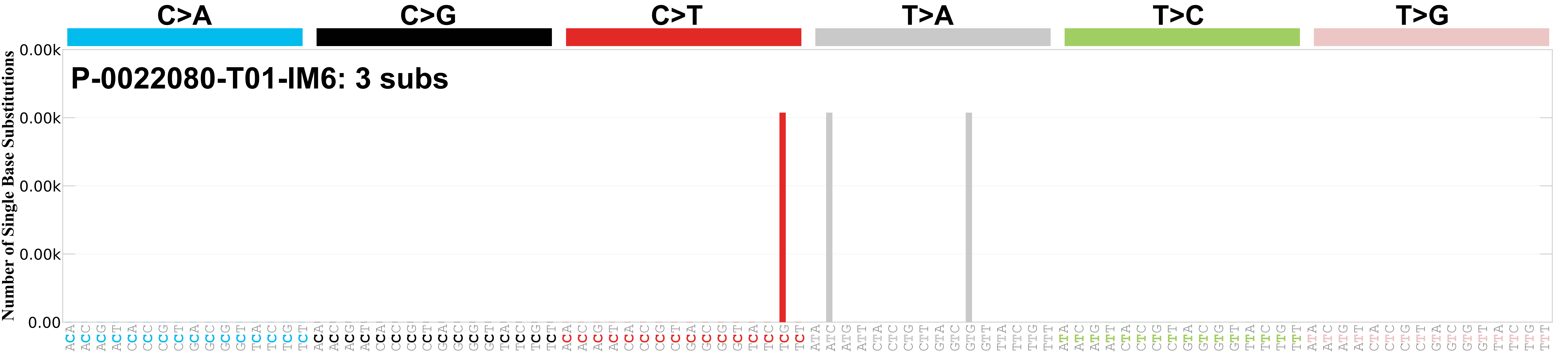


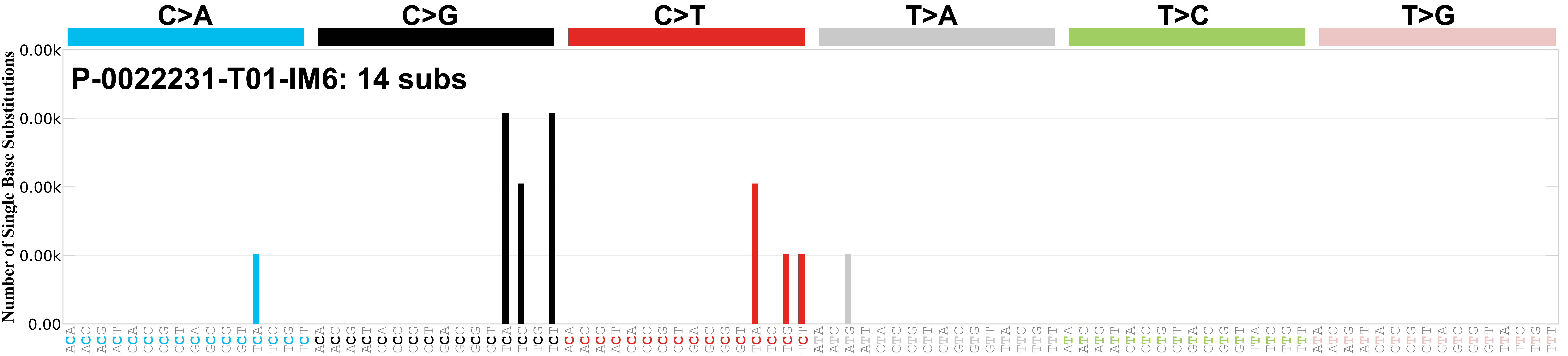


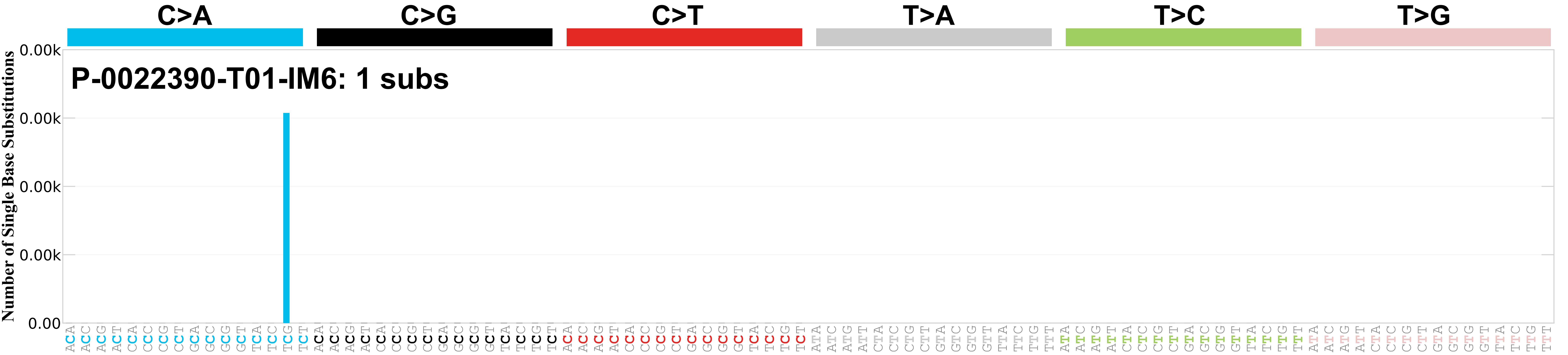


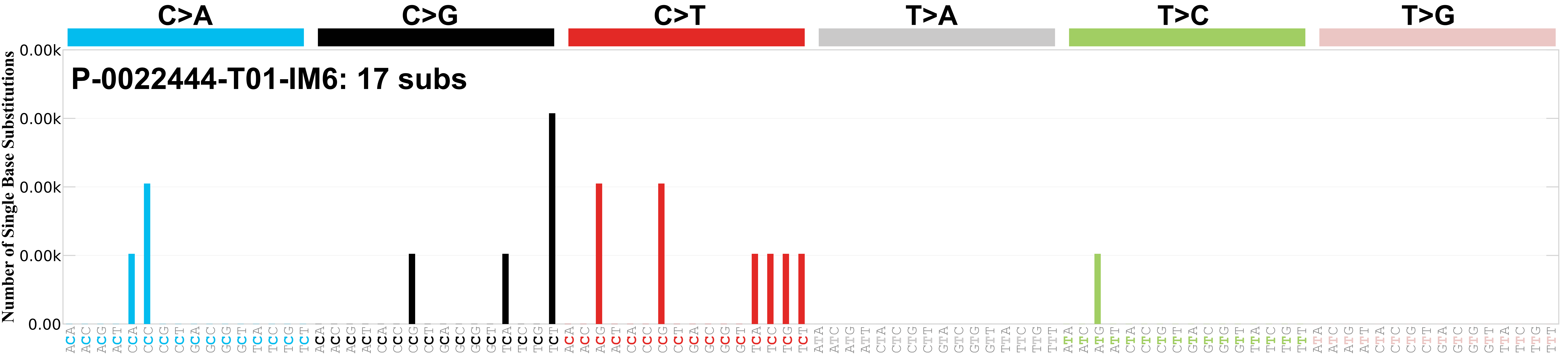


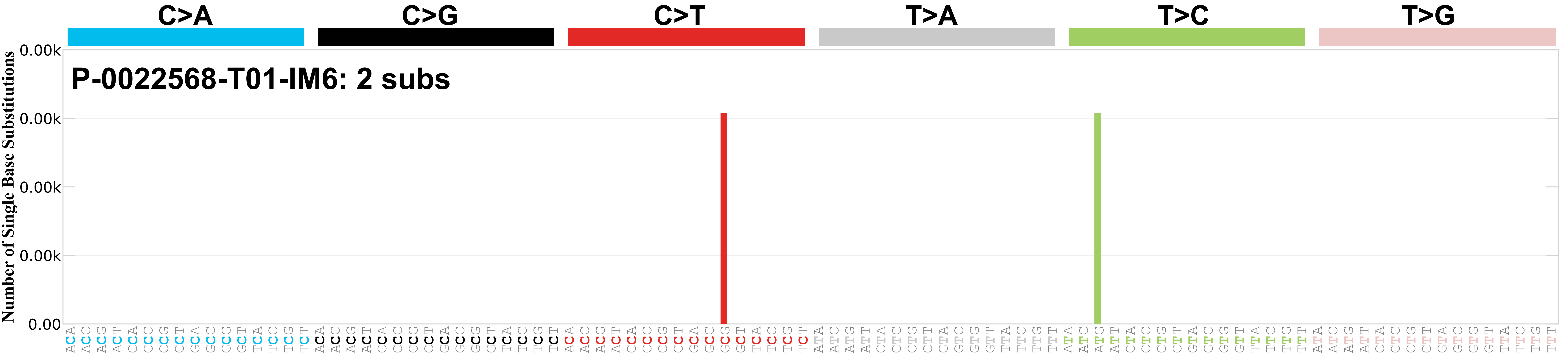


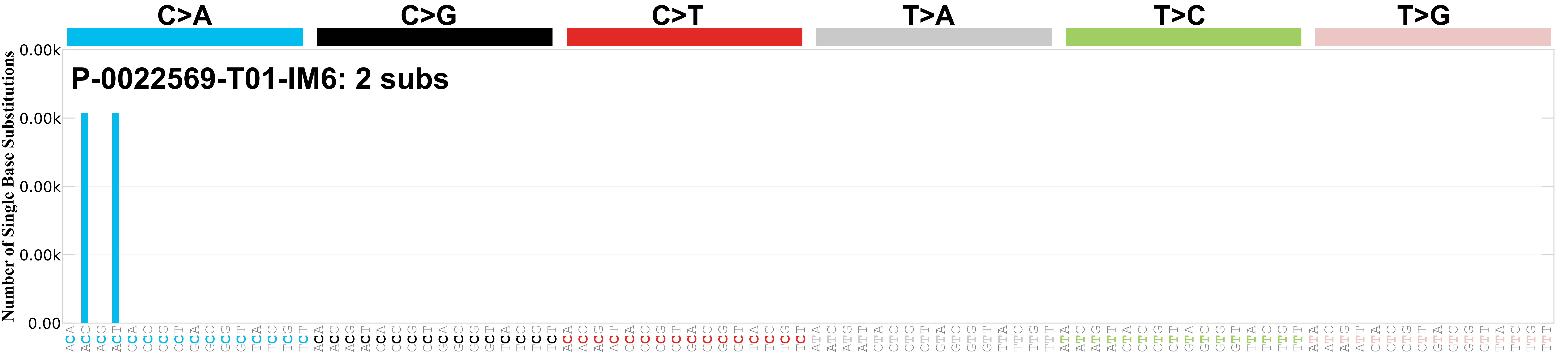


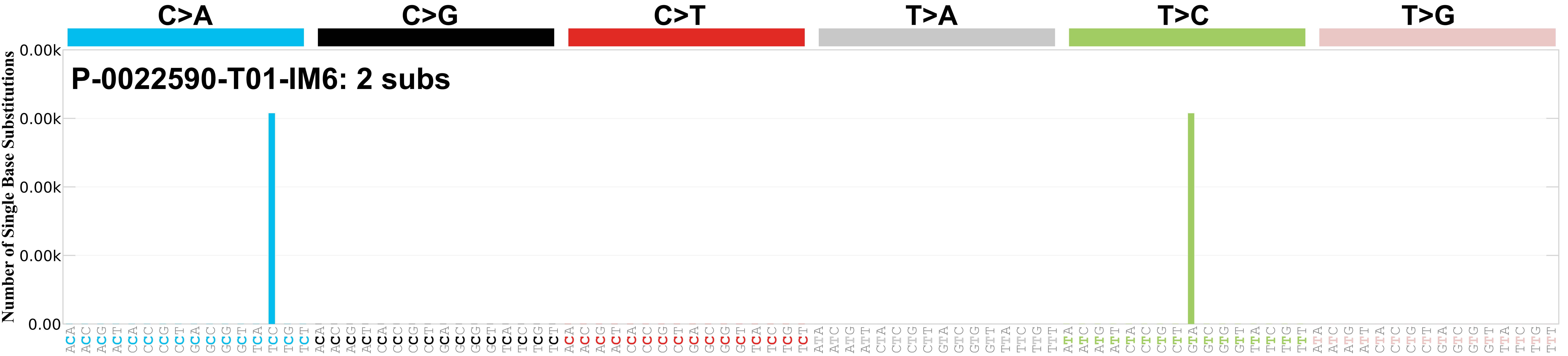


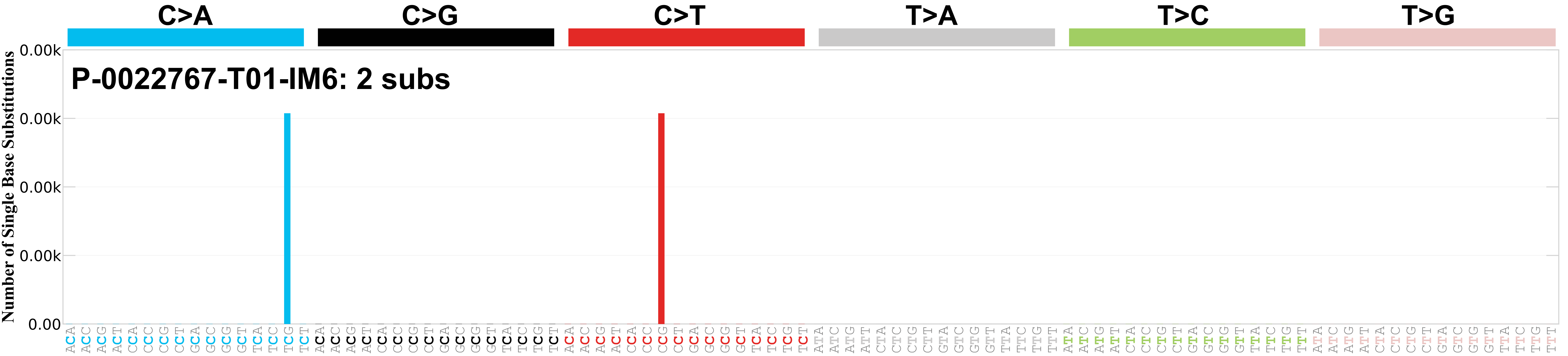


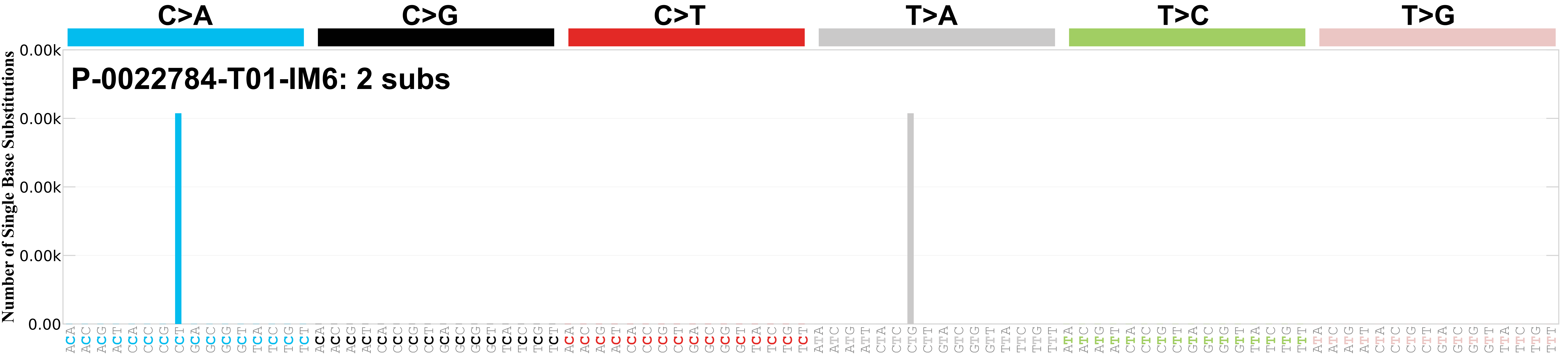


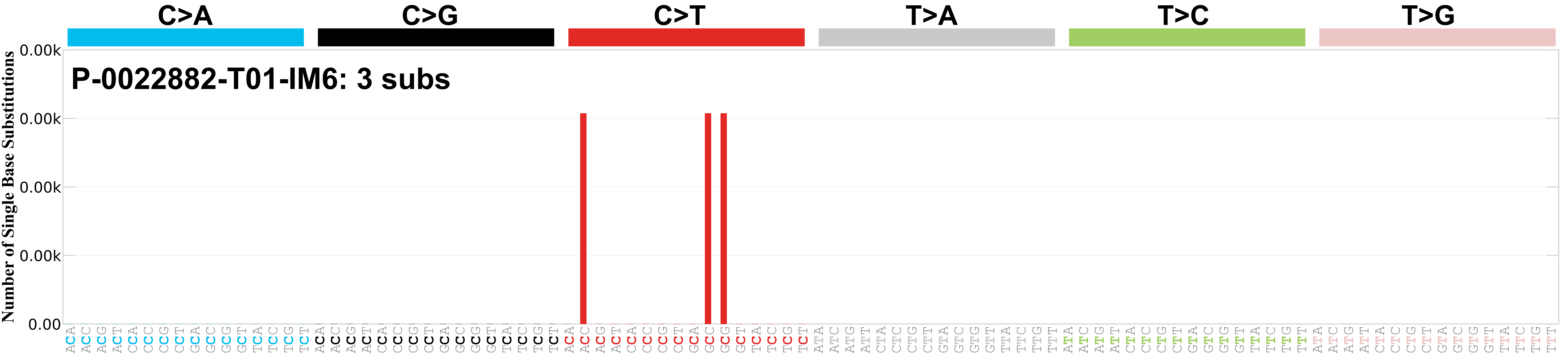


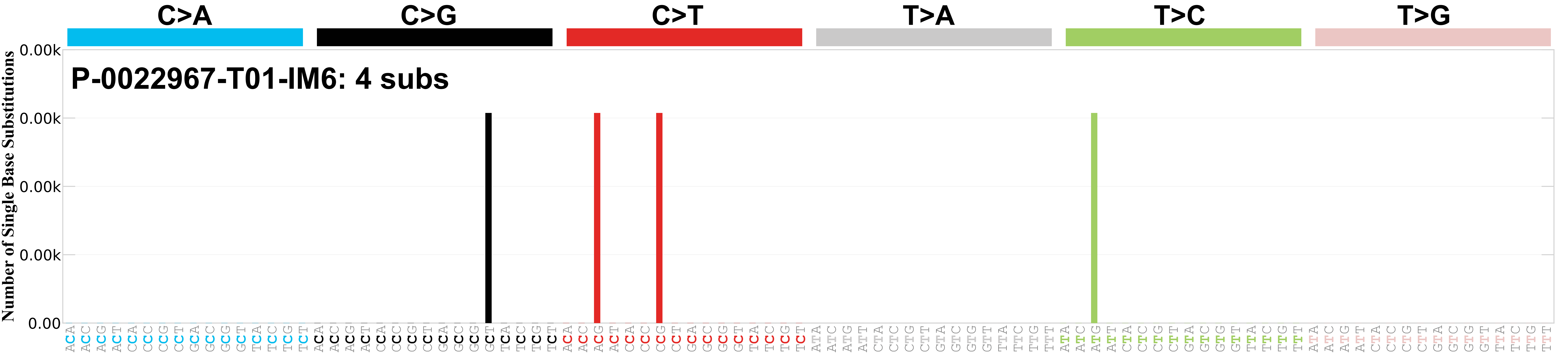


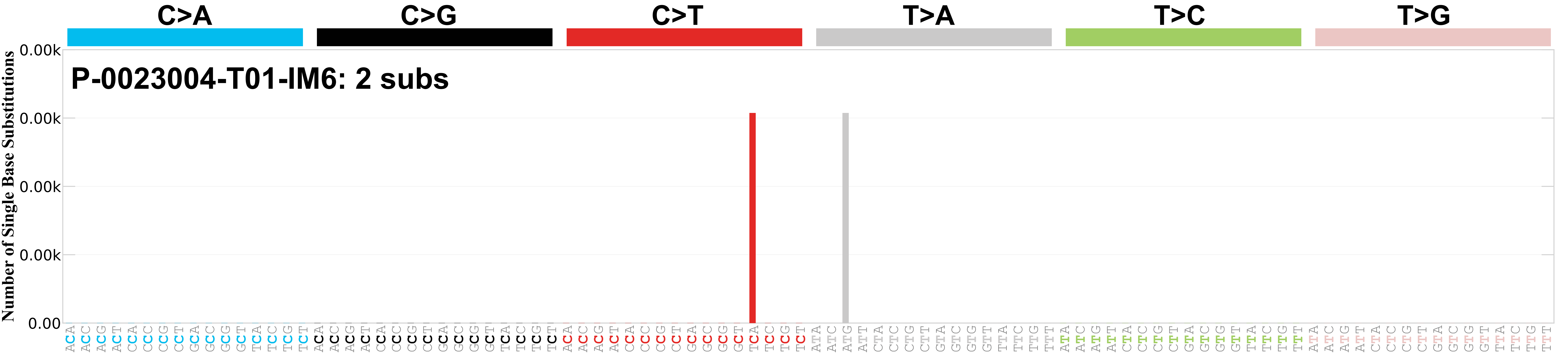


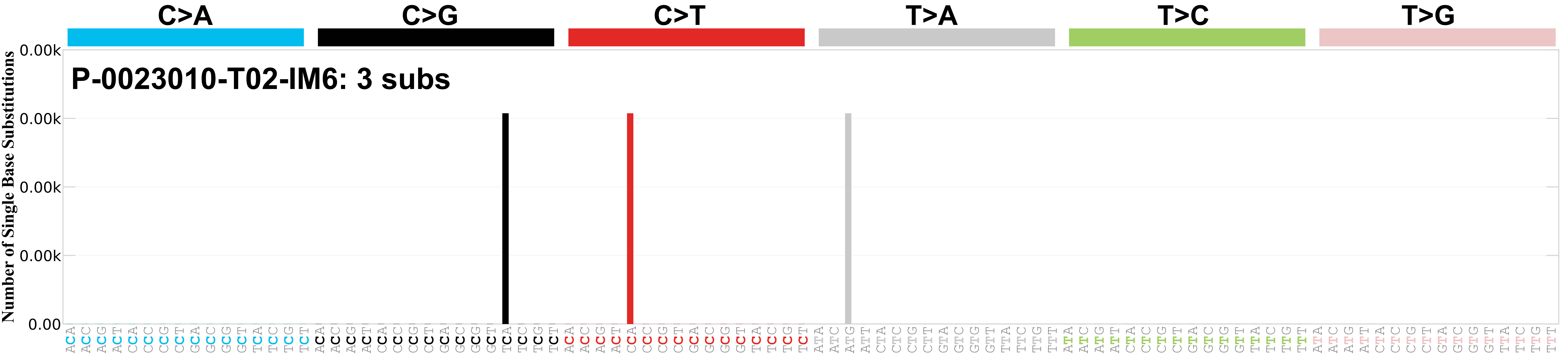


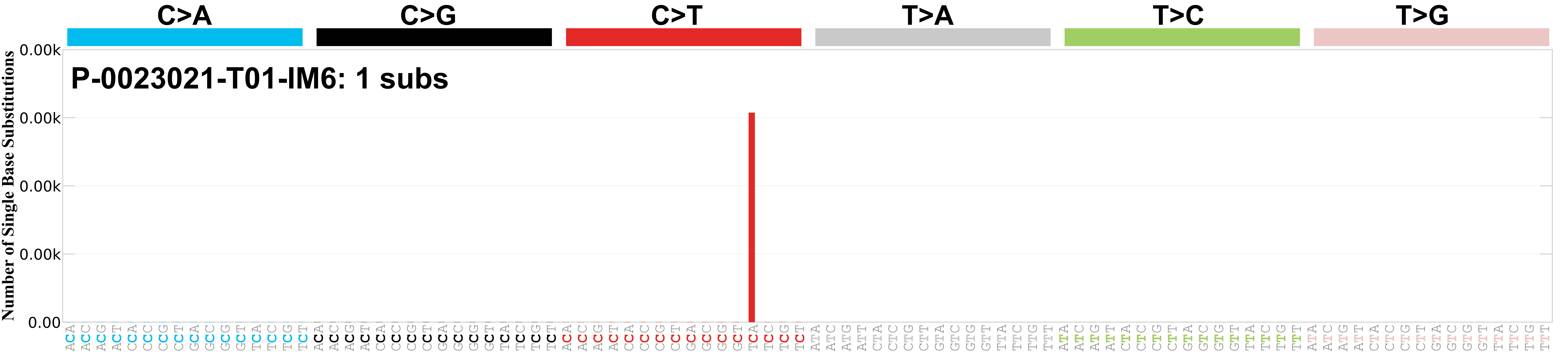


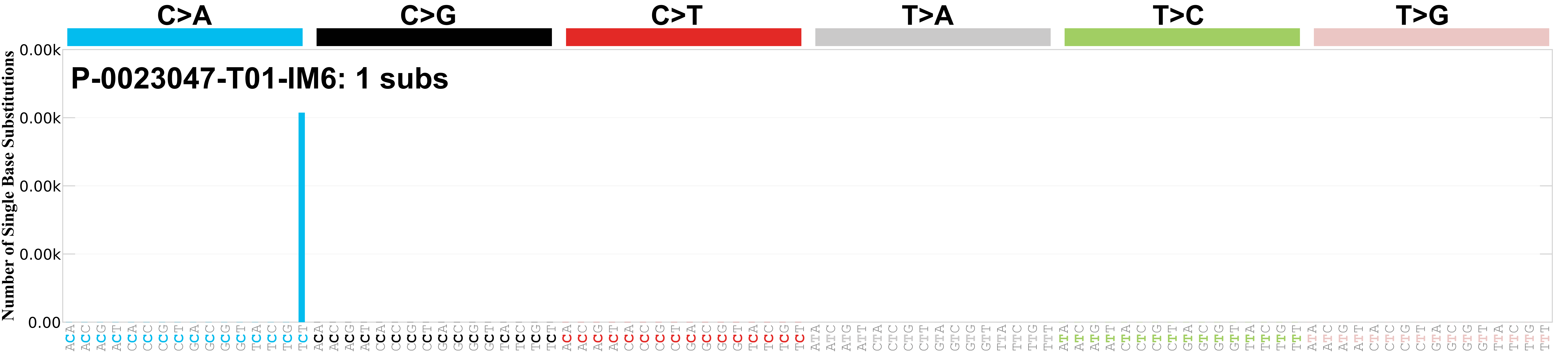


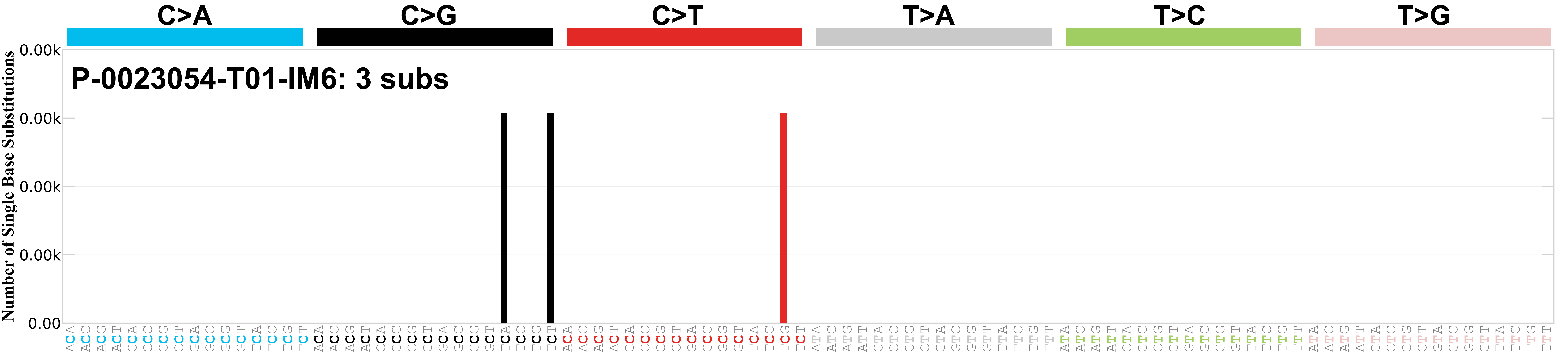




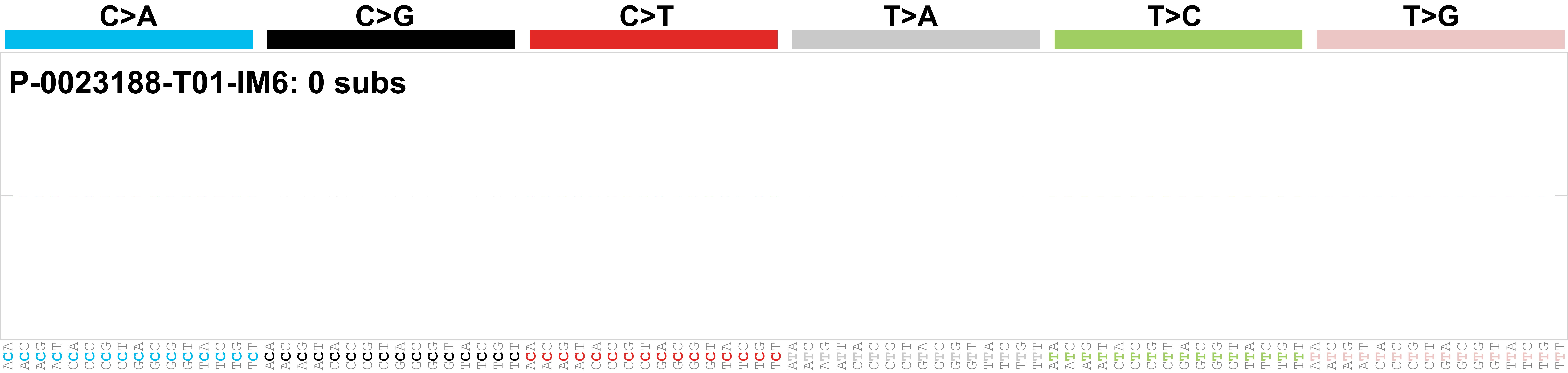


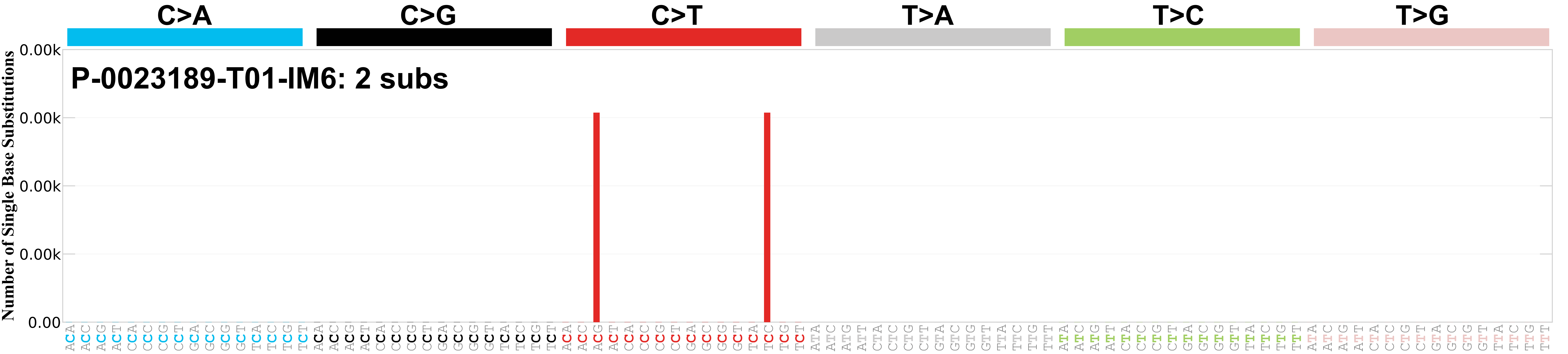


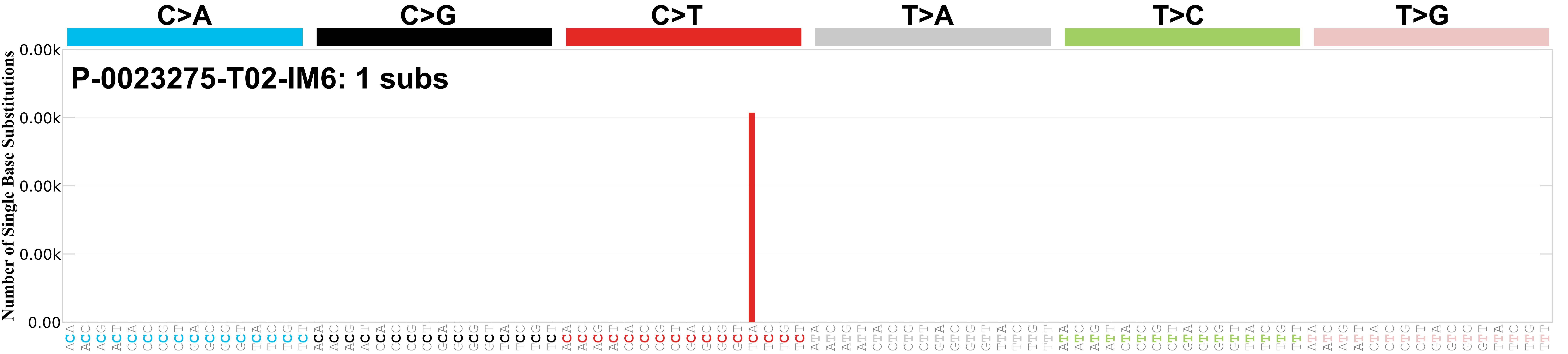




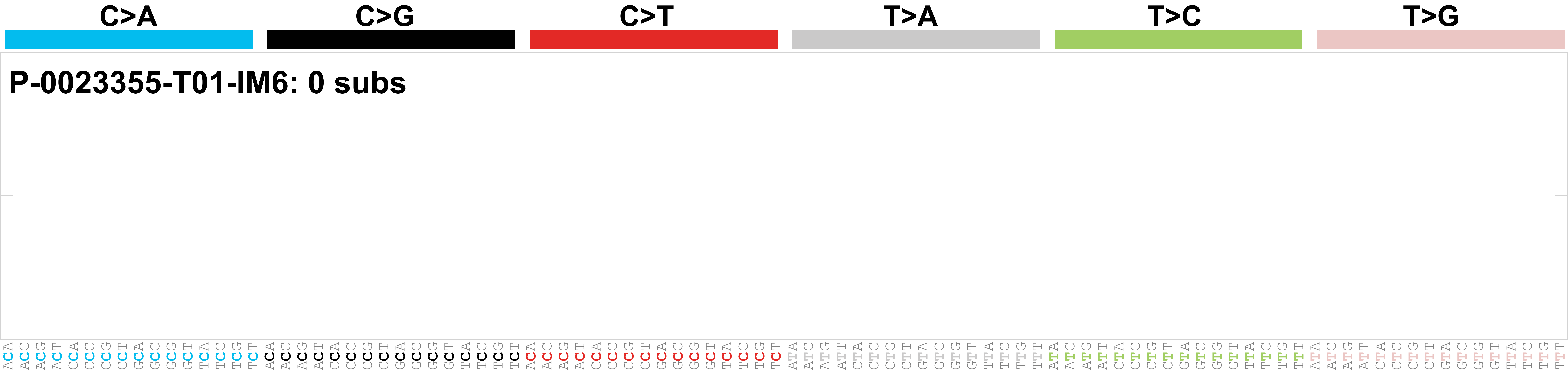
Number of Single Base Substitutions

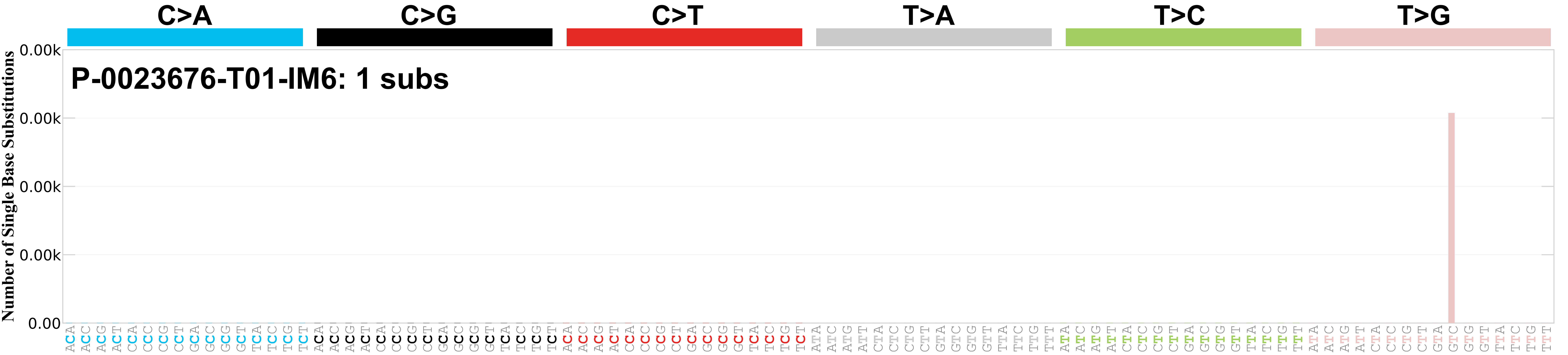


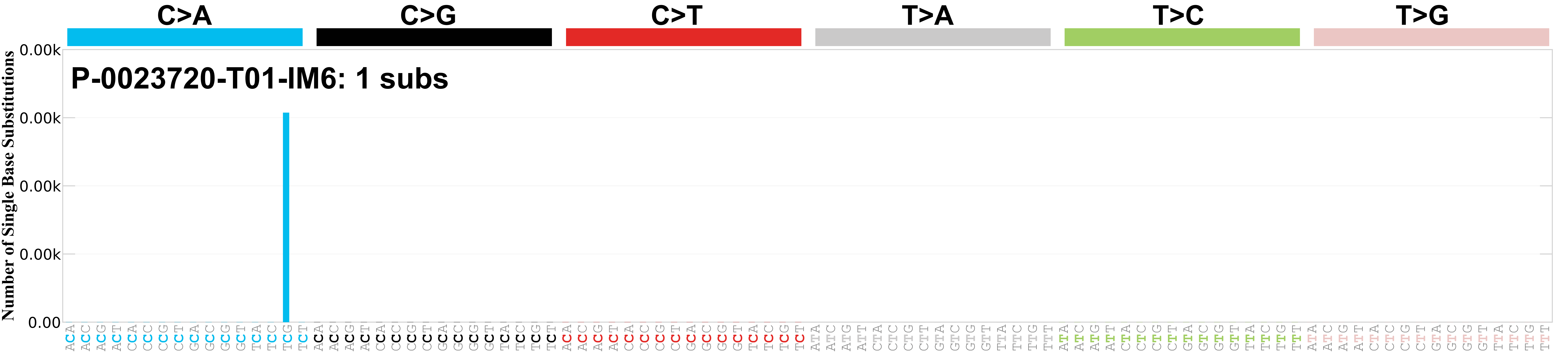


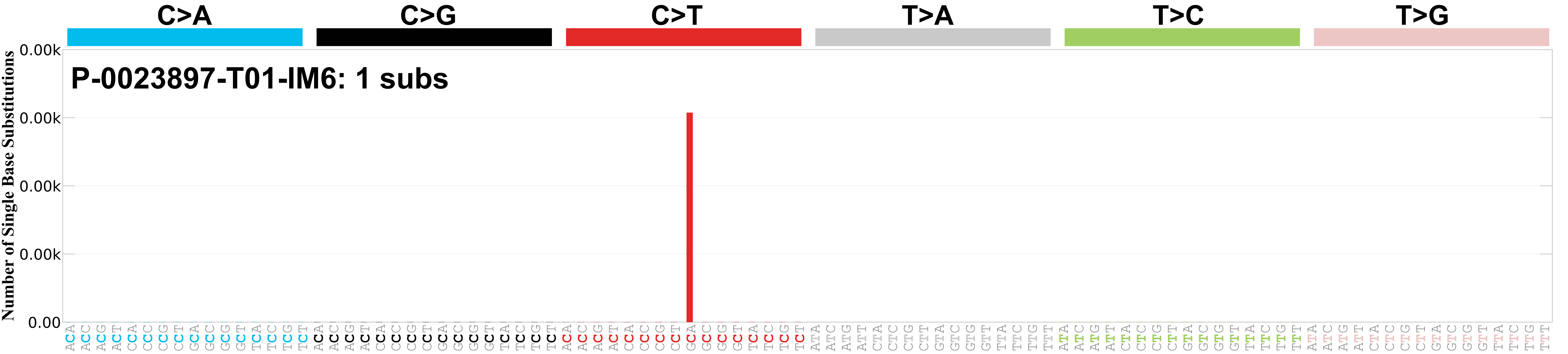


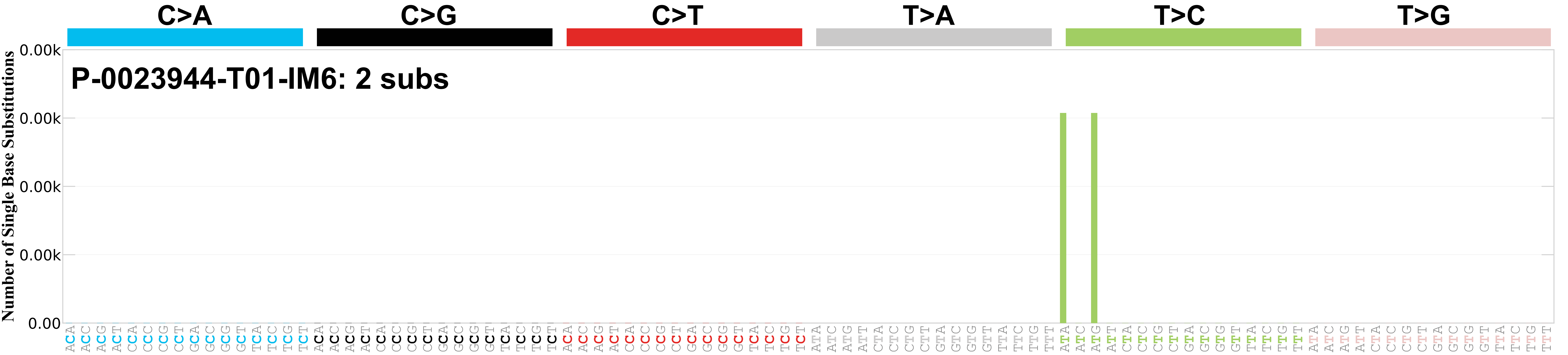
Number of Single Base Substitutions

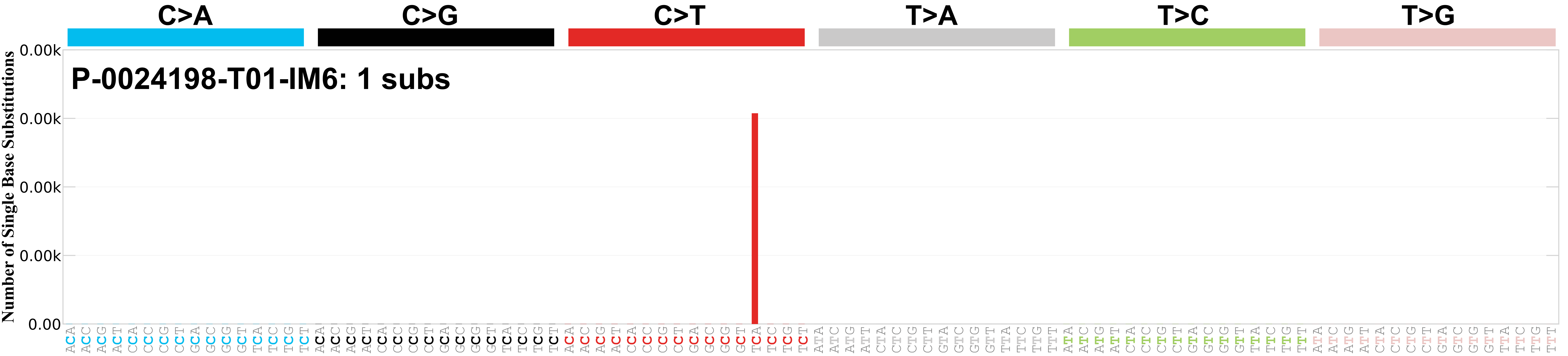


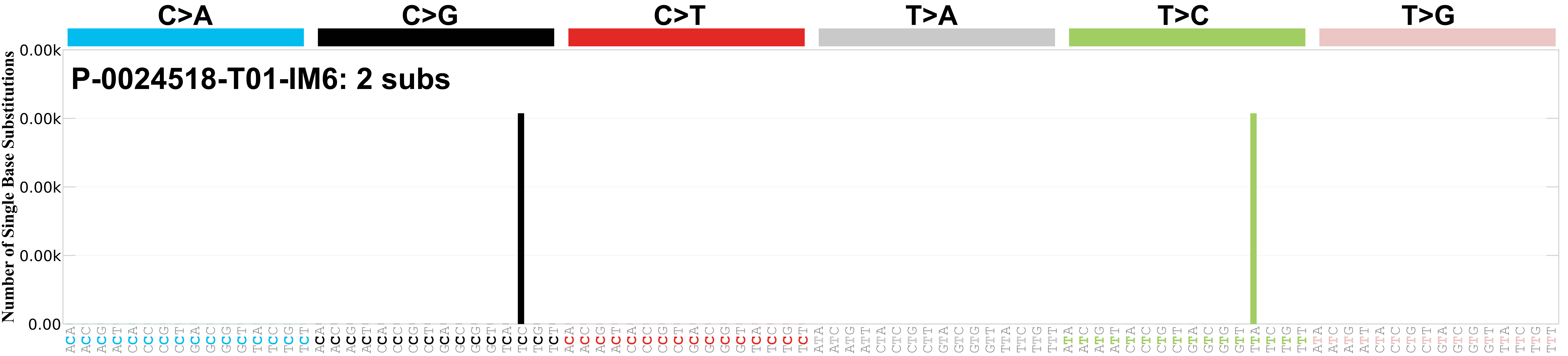


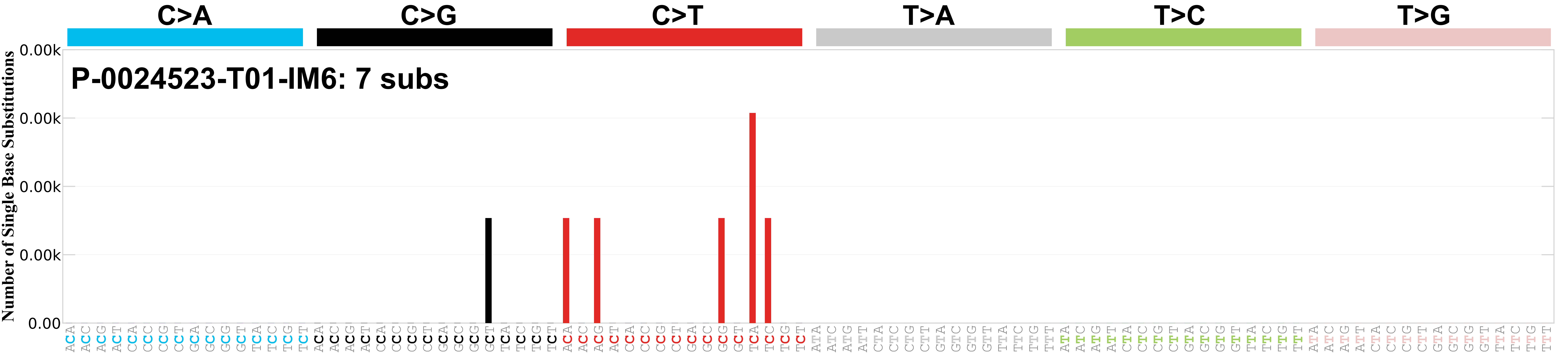


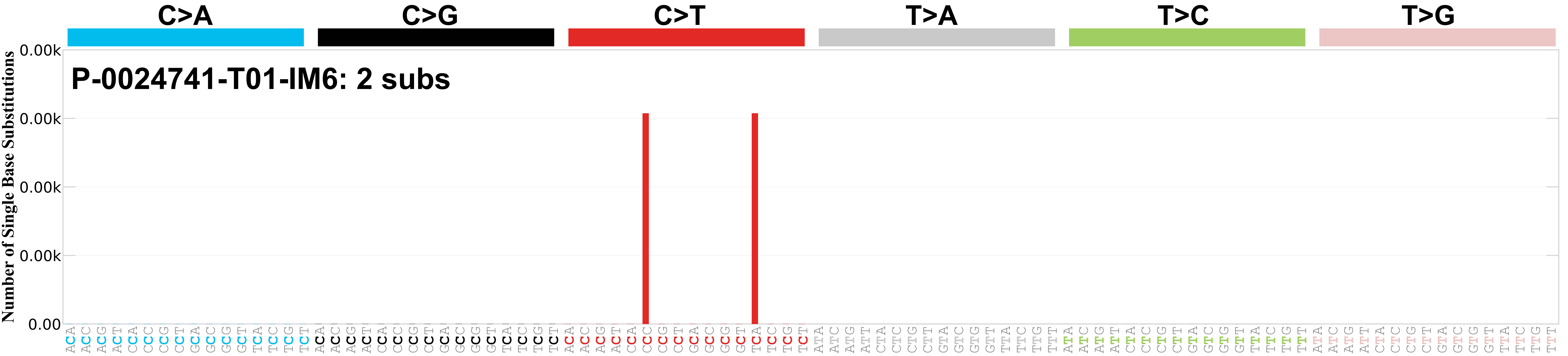


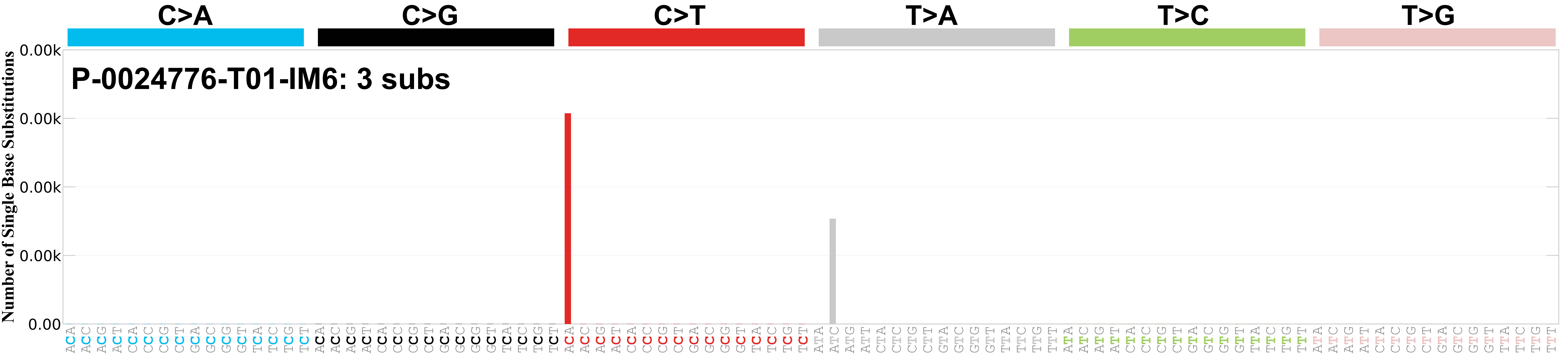


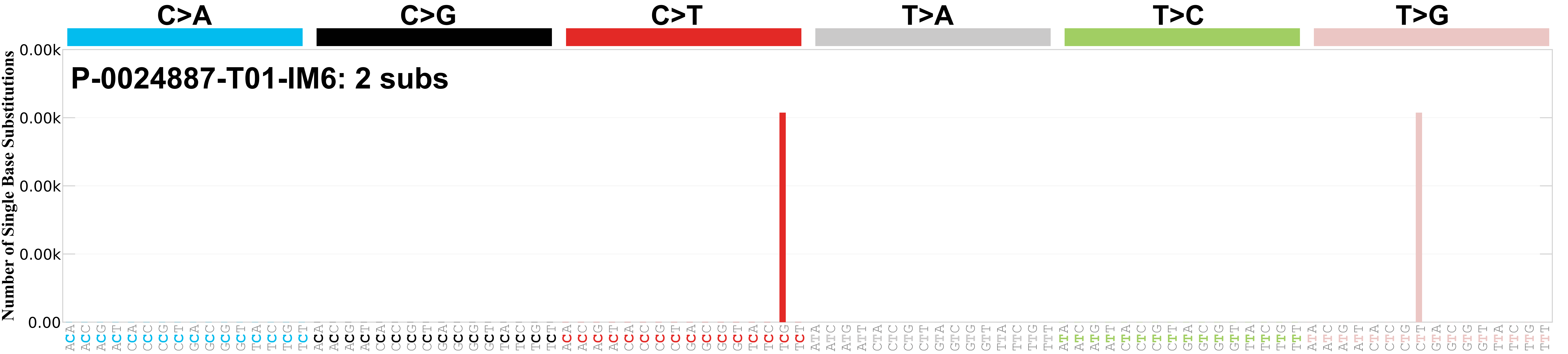


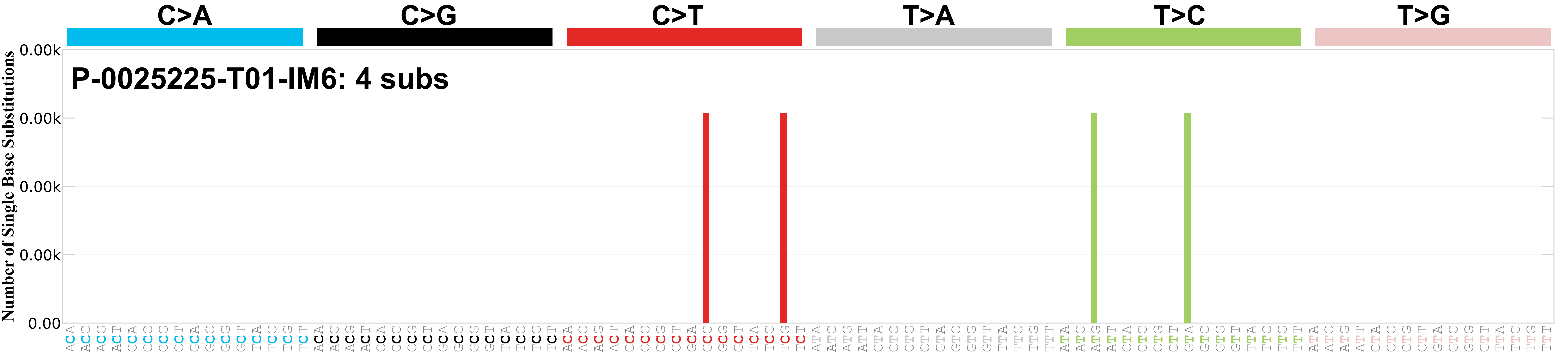


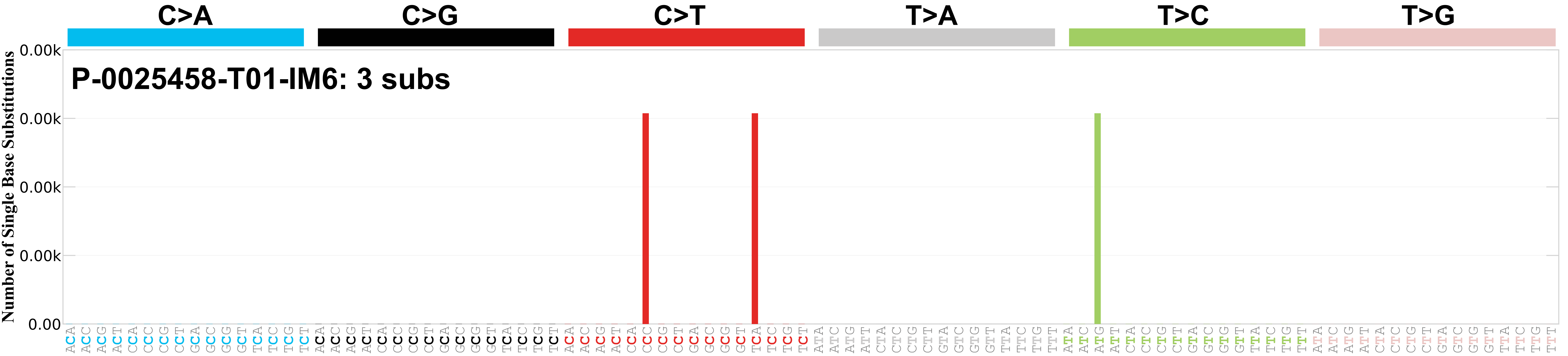


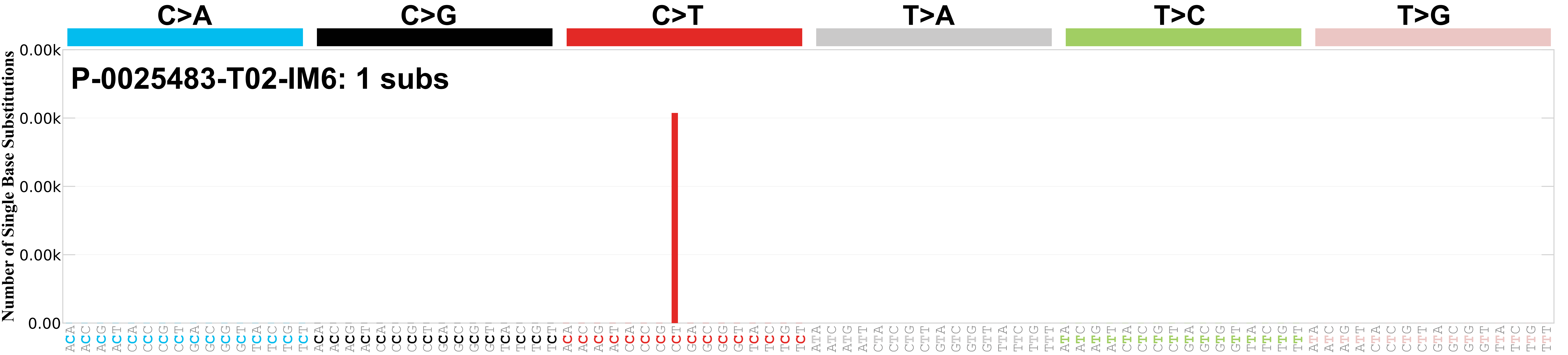


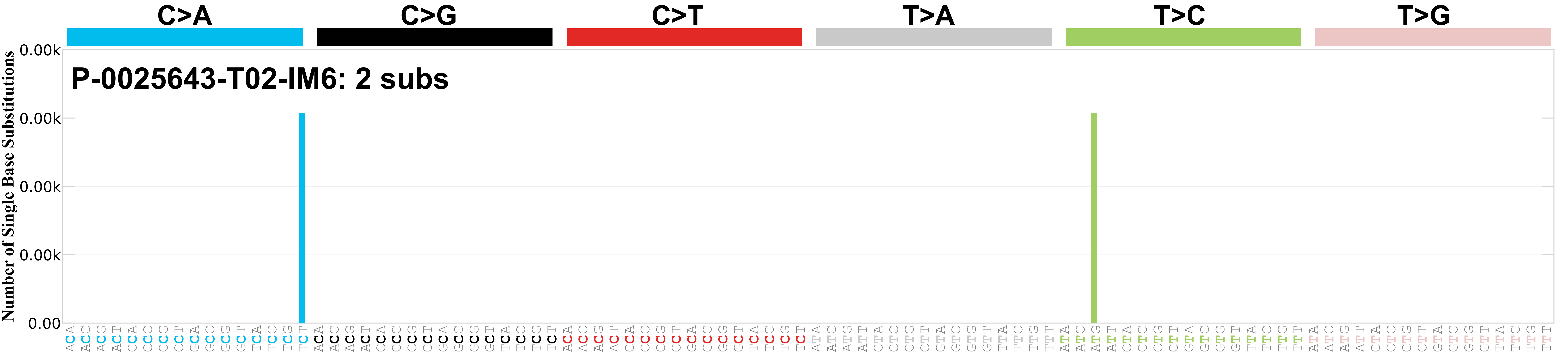


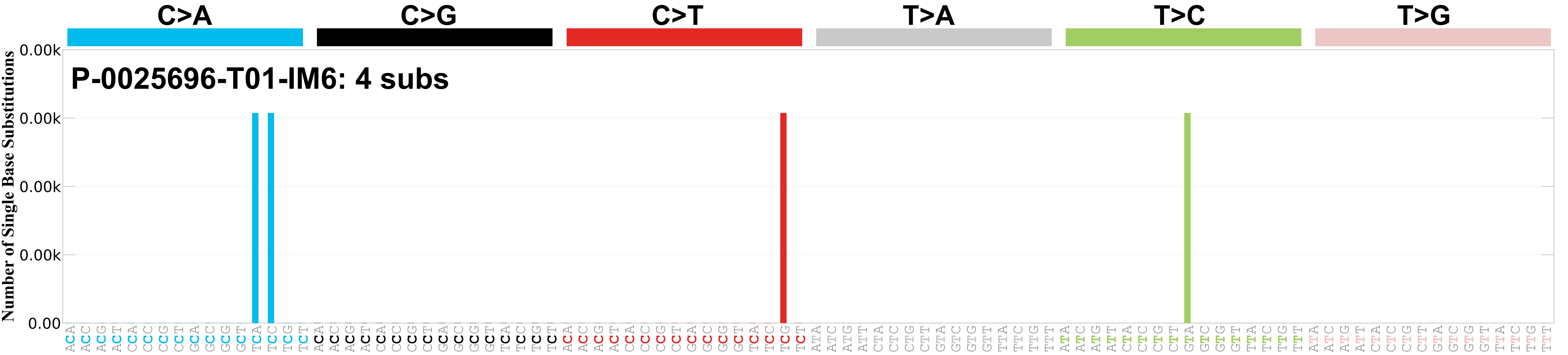


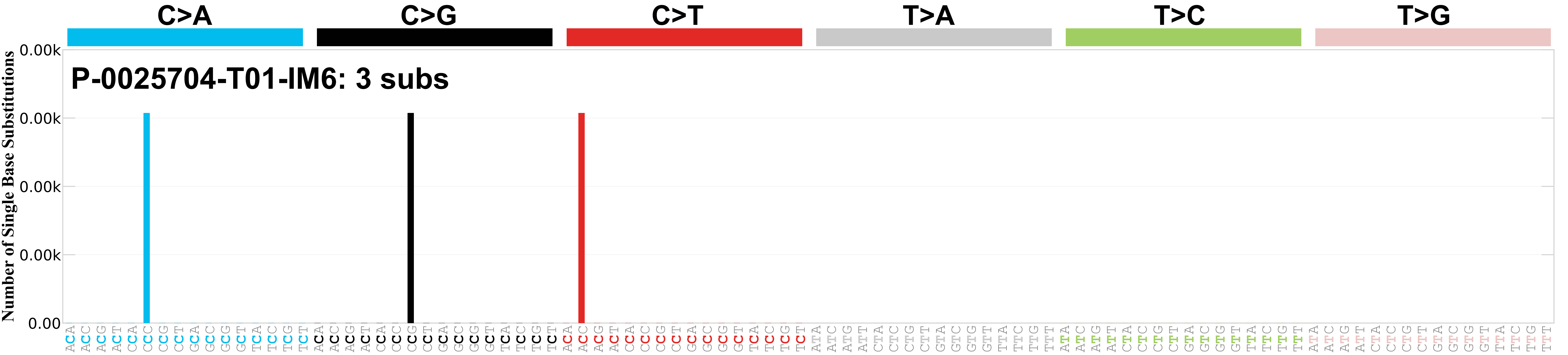


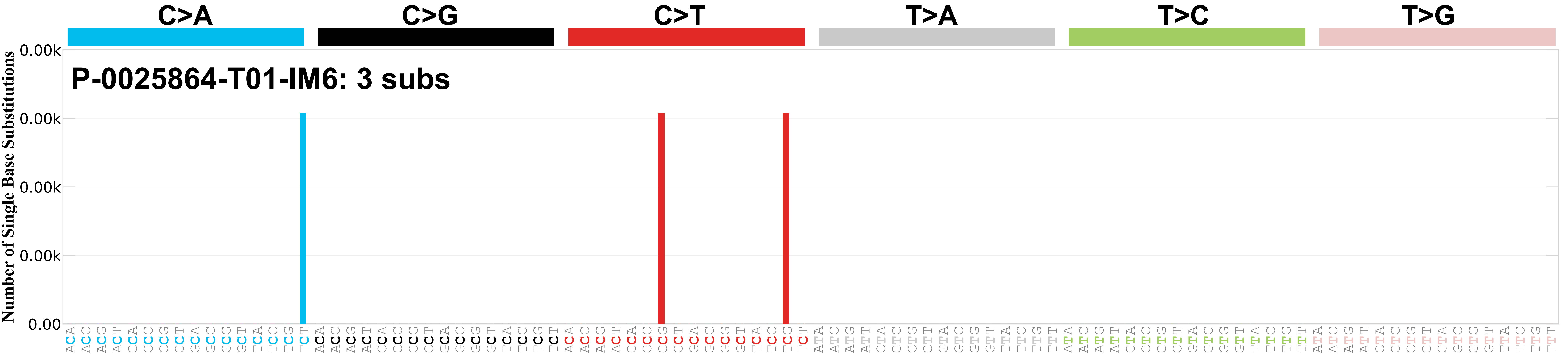


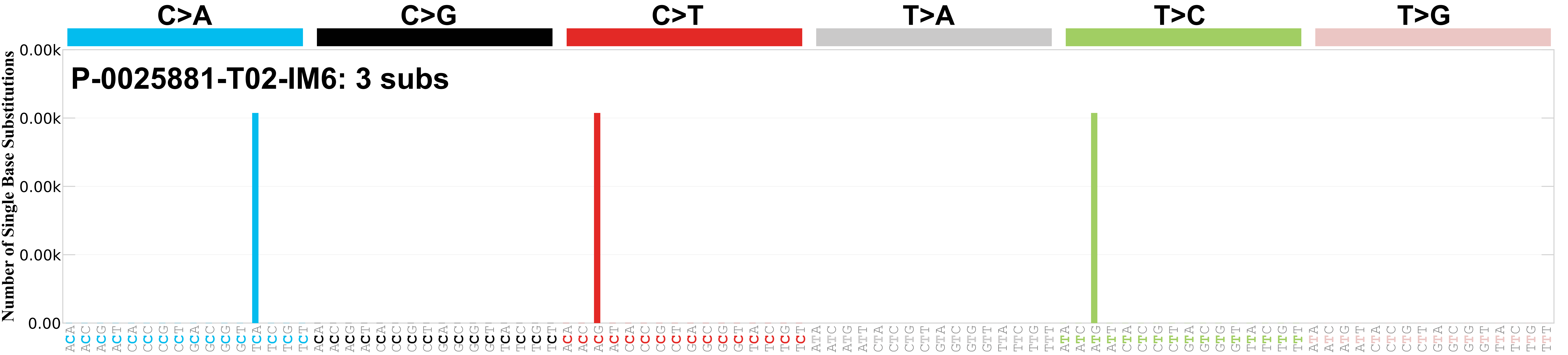


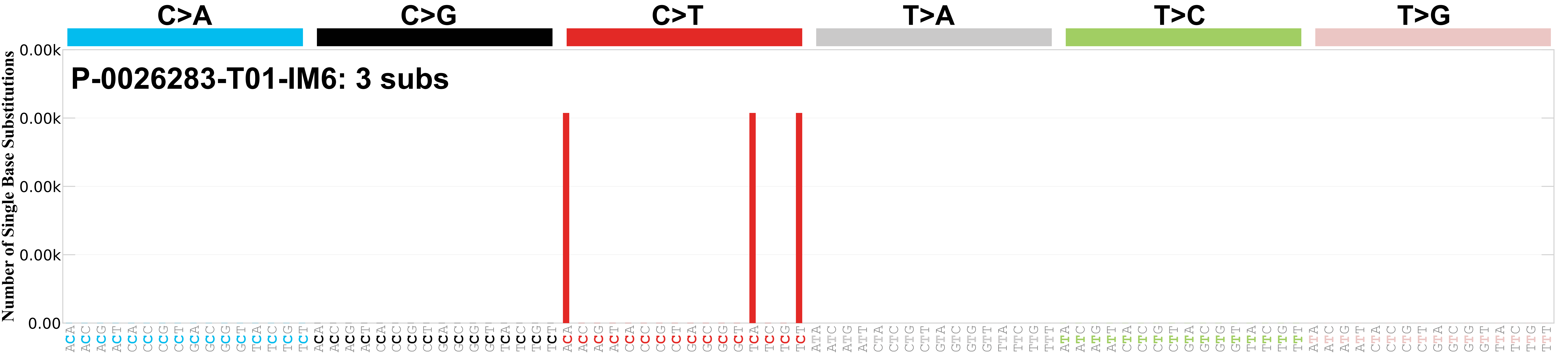


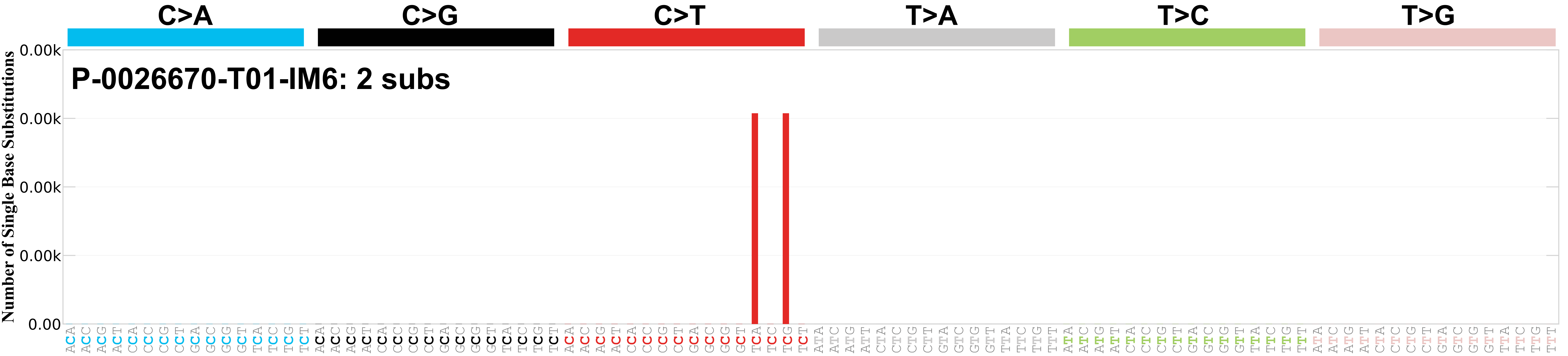


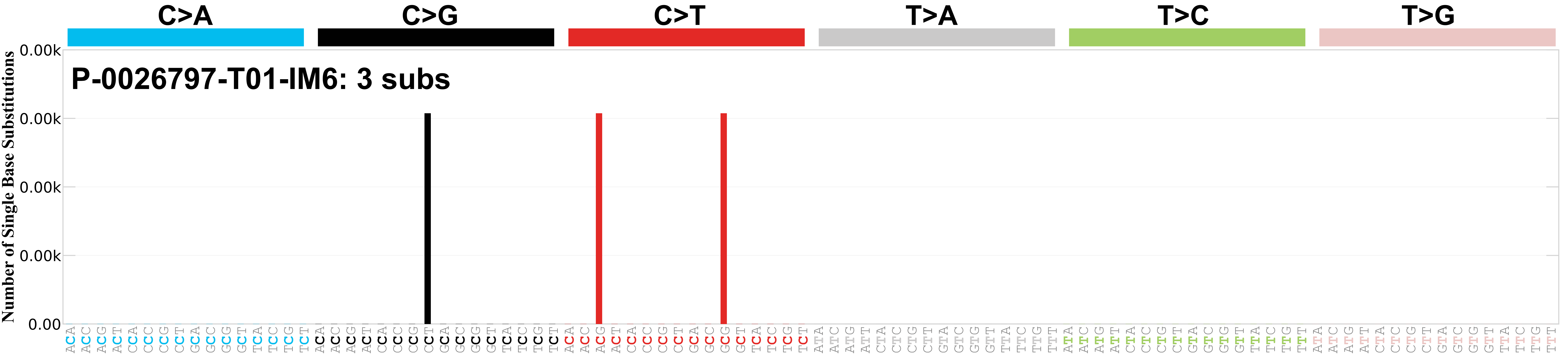


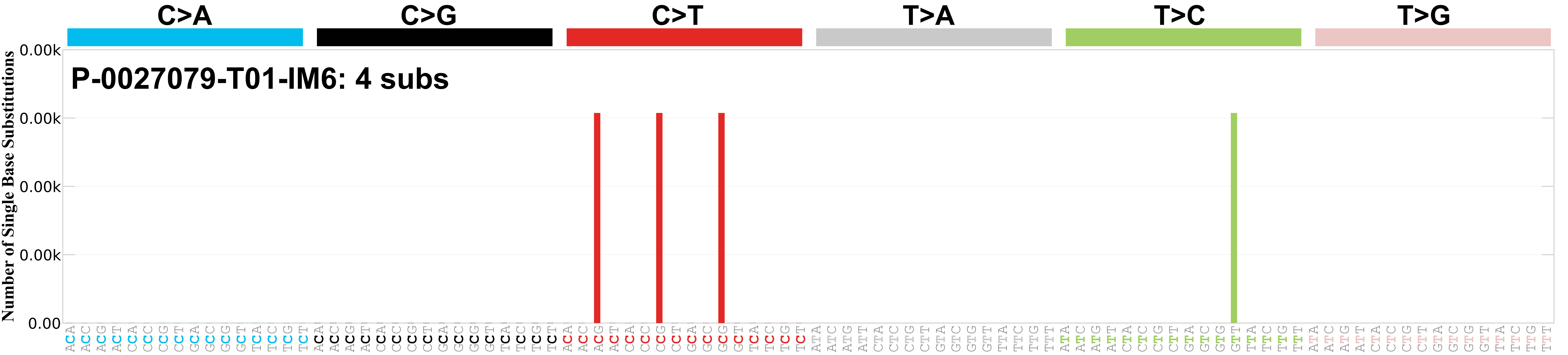












Number of Single Base Substitutions

