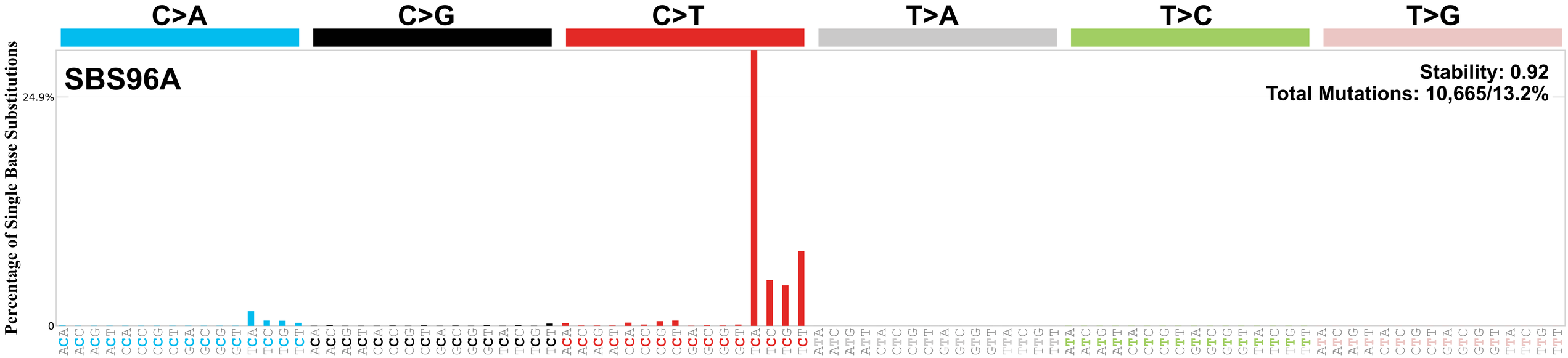
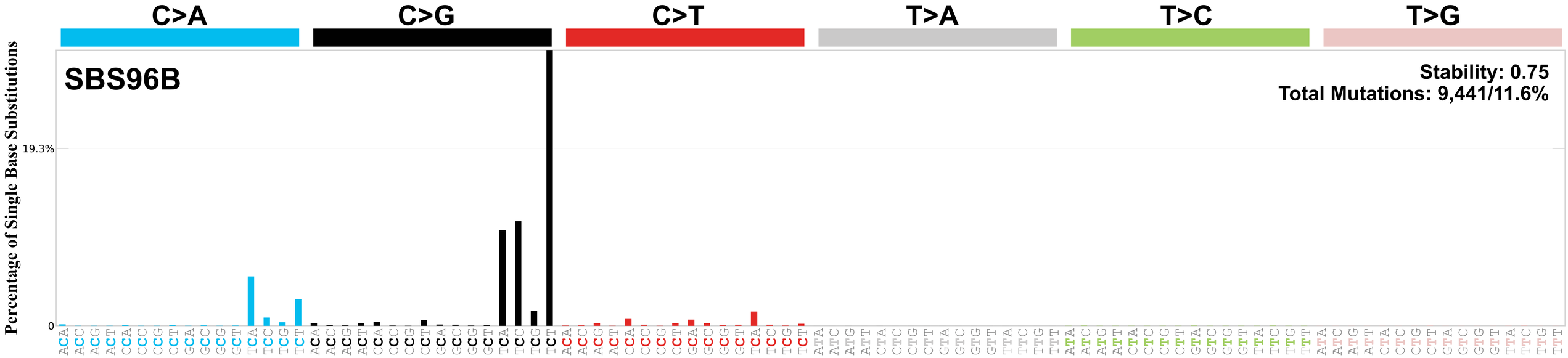
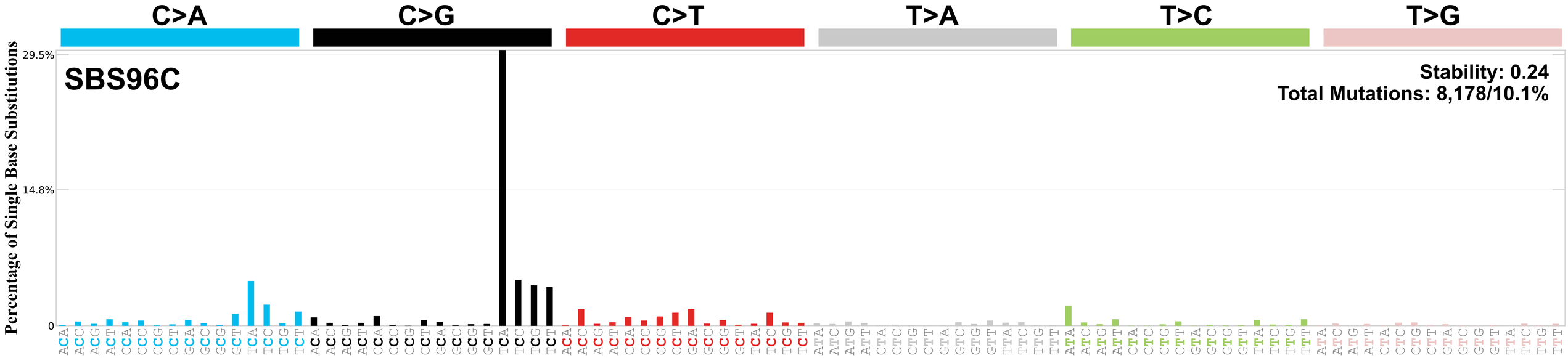
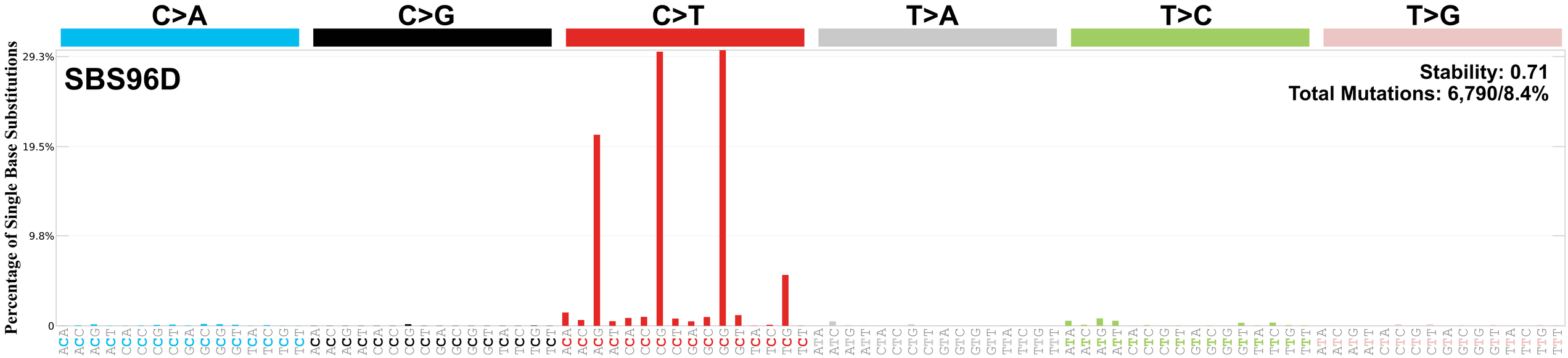
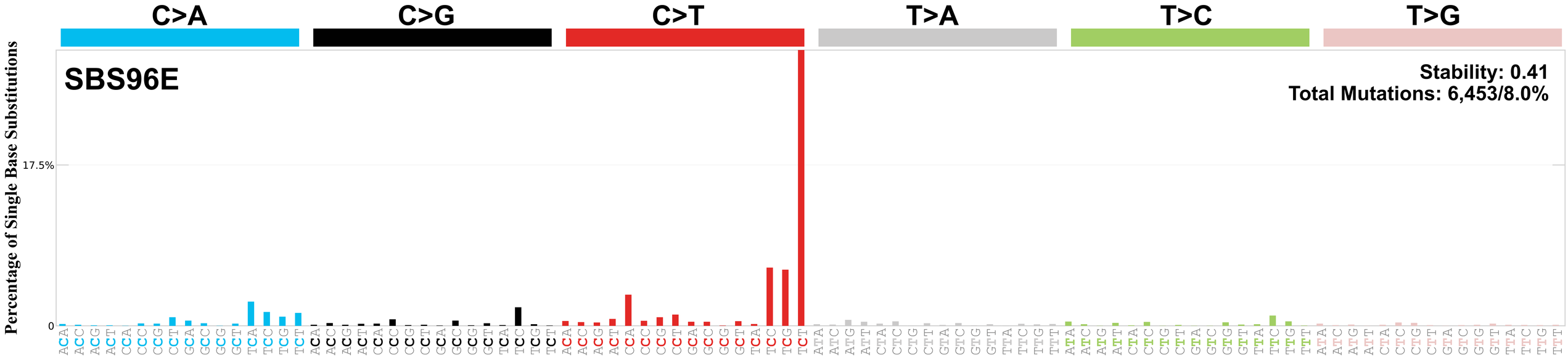
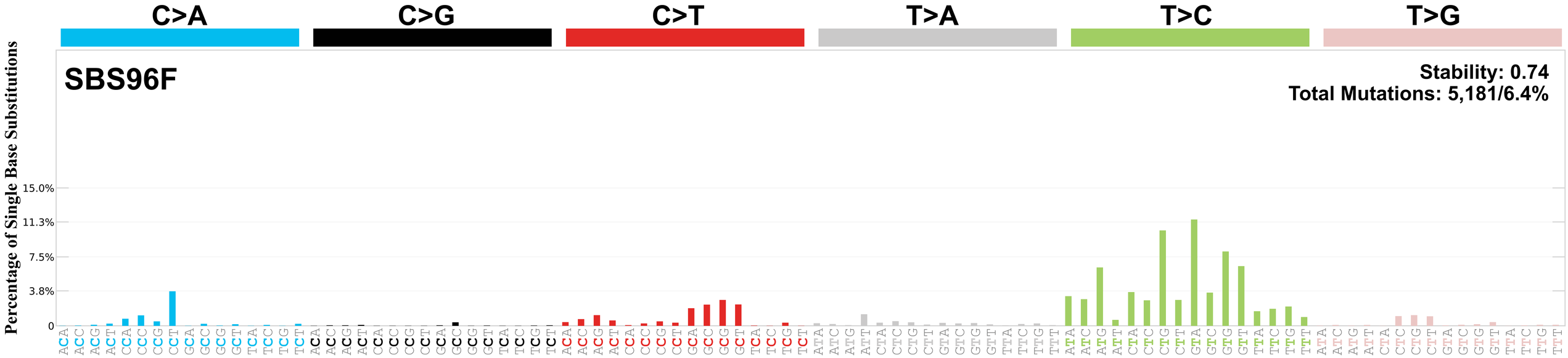

C>A
C>G
C>T
T>A
T>C
T>G
SBS96A
Stability: 0.92
Total Mutations: 10,665/13.2%
Percentage of Single Base Substitutions
24.9%
0

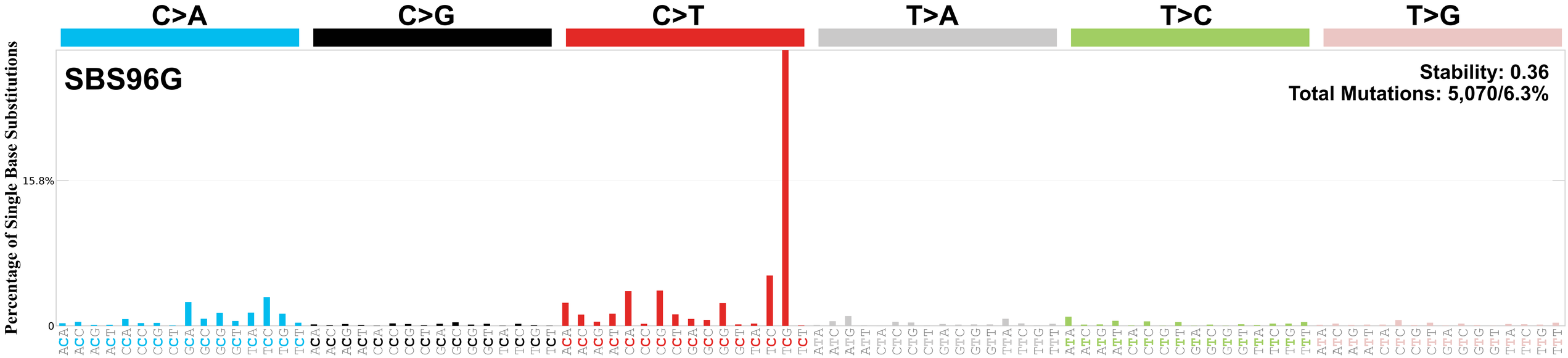

C>A
C>G
C>T
T>A
T>C
T>G
SBS96B
Stability: 0.75
Total Mutations: 9,441/11.6%
Percentage of Single Base Substitutions
19.3%
0

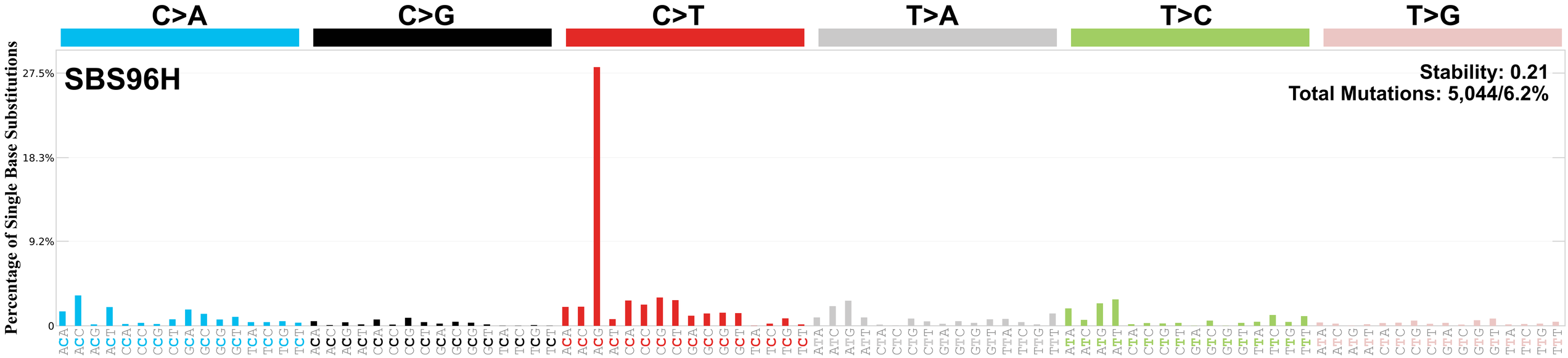

C>A
C>G
C>T
T>A
T>C
T>G
SBS96C
Stability: 0.24
Total Mutations: 8,178/10.1%
Percentage of Single Base Substitutions
29.5%
14.8%
0
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT

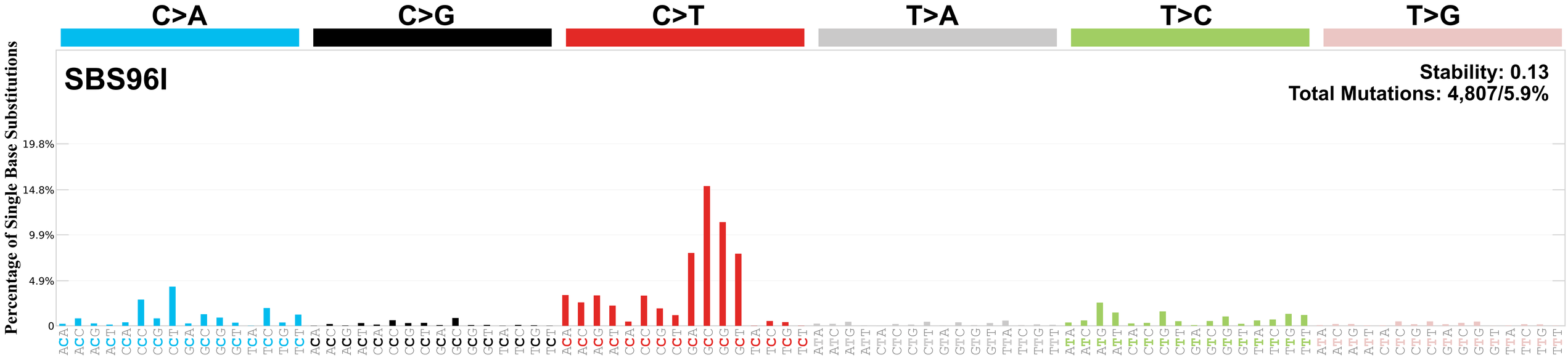

C>A
C>G
C>T
T>A
T>C
T>G
SBS96D
Stability: 0.71
Total Mutations: 6,790/8.4%
Percentage of Single Base Substitutions
29.3%
19.5%
9.8%
0

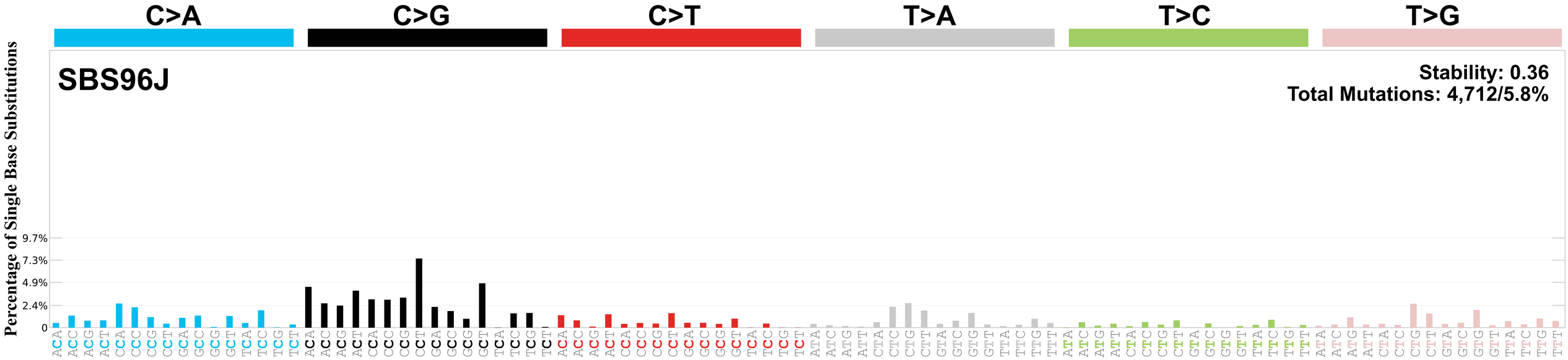

C>A
C>G
C>T
T>A
T>C
T>G
SBS96E
Stability: 0.41
Total Mutations: 6,453/8.0%
Percentage of Single Base Substitutions
17.5%
0

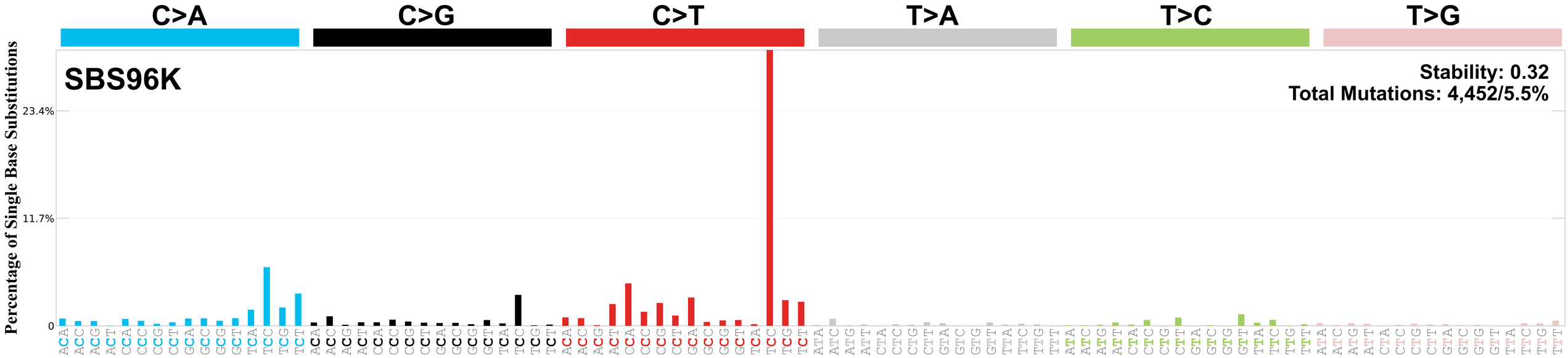

C>A
C>G
C>T
T>A
T>C
T>G
SBS96F
Stability: 0.74
Total Mutations: 5,181/6.4%
Percentage of Single Base Substitutions
15.0%
11.3%
7.5%
3.8%
0

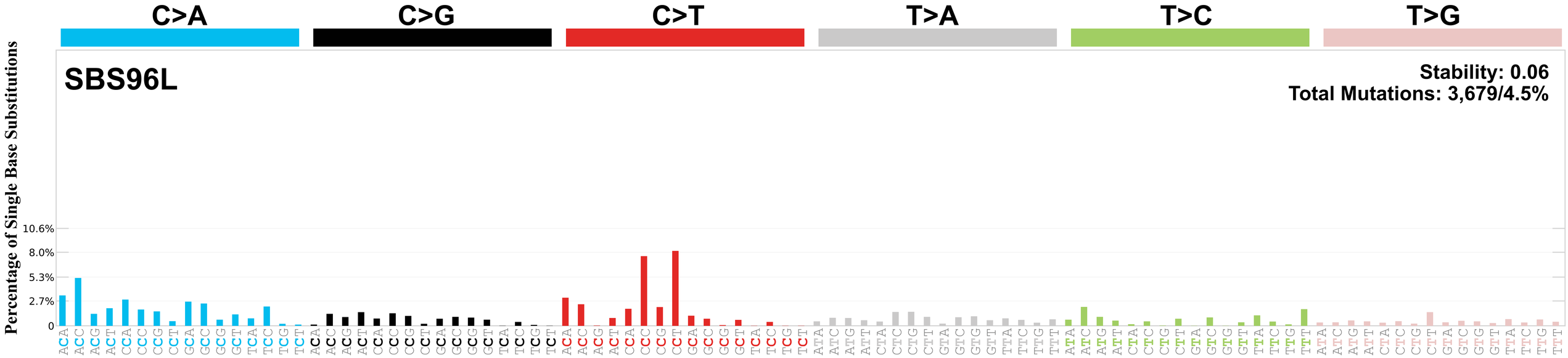

C>A
C>G
C>T
T>A
T>C
T>G
SBS96G
Stability: 0.36
Total Mutations: 5,070/6.3%
Percentage of Single Base Substitutions
15.8%
0
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT

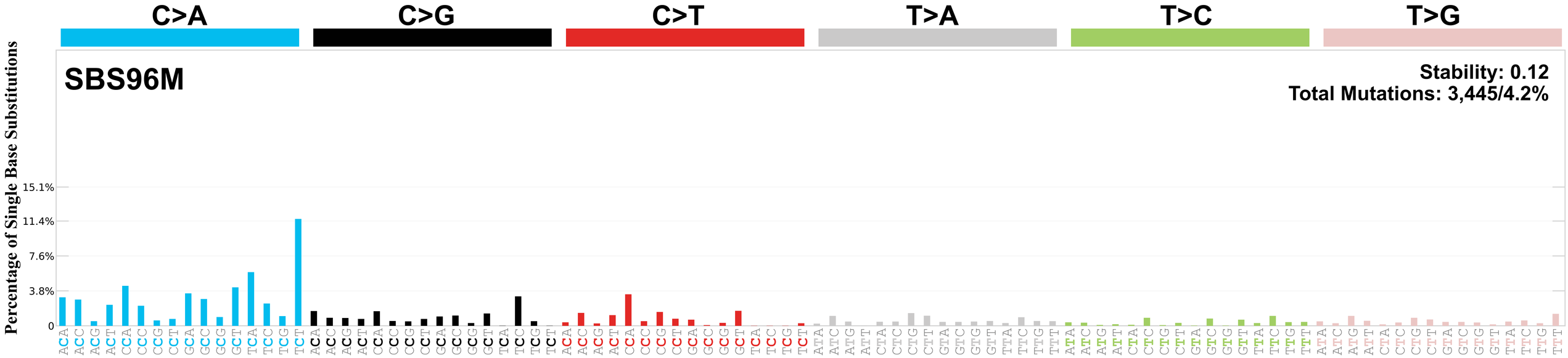

C>A
C>G
C>T
T>A
T>C
T>G
SBS96H
Stability: 0.21
Total Mutations: 5,044/6.2%
Percentage of Single Base Substitutions
27.5%
18.3%
9.2%
0
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT

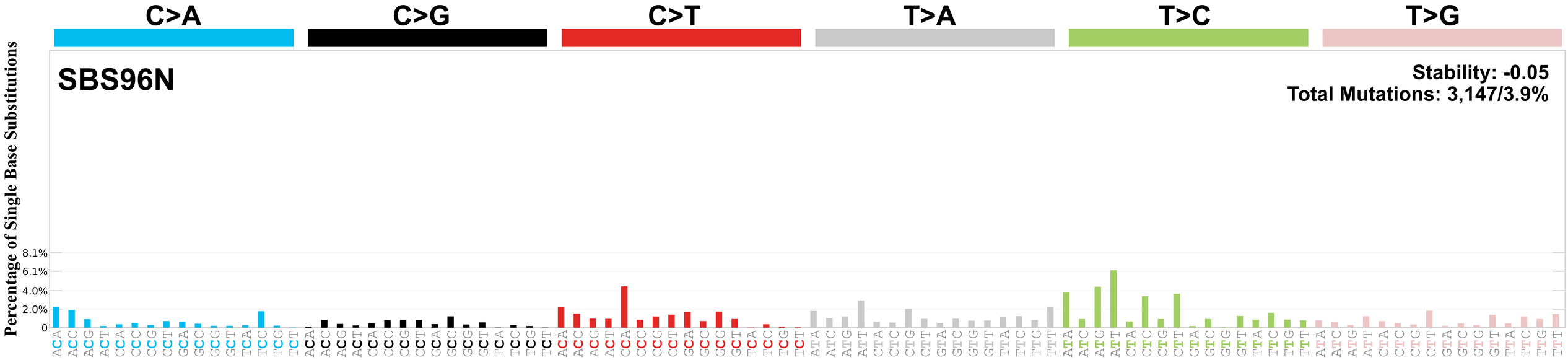

C>A
C>G
C>T
T>A
T>C
T>G
SBS96I
Stability: 0.13
Total Mutations: 4,807/5.9%
Percentage of Single Base Substitutions
19.8%
14.8%
9.9%
4.9%
0


C>A
C>G
C>T
T>A
T>C
T>G
SBS96J
Stability: 0.36
Total Mutations: 4,712/5.8%
Percentage of Single Base Substitutions
9.7%
7.3%
4.9%
2.4%
0
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT


C>A
C>G
C>T
T>A
T>C
T>G
SBS96K
Stability: 0.32
Total Mutations: 4,452/5.5%
Percentage of Single Base Substitutions
23.4%
11.7%
0
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT


C>A
C>G
C>T
T>A
T>C
T>G
SBS96L
Stability: 0.06
Total Mutations: 3,679/4.5%
Percentage of Single Base Substitutions
10.6%
8.0%
5.3%
2.7%
0


C>A
C>G
C>T
T>A
T>C
T>G
SBS96M
Stability: 0.12
Total Mutations: 3,445/4.2%
Percentage of Single Base Substitutions
15.1%
11.4%
7.6%
3.8%
0
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT


C>A
C>G
C>T
T>A
T>C
T>G
SBS96N
Stability: -0.05
Total Mutations: 3,147/3.9%
Percentage of Single Base Substitutions
8.1%
6.1%
4.0%
2.0%
0
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT