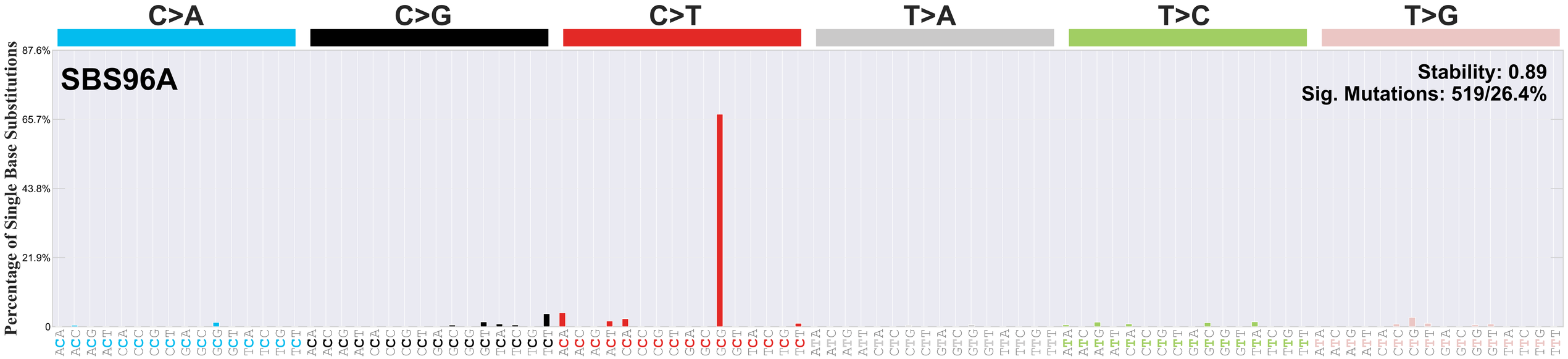
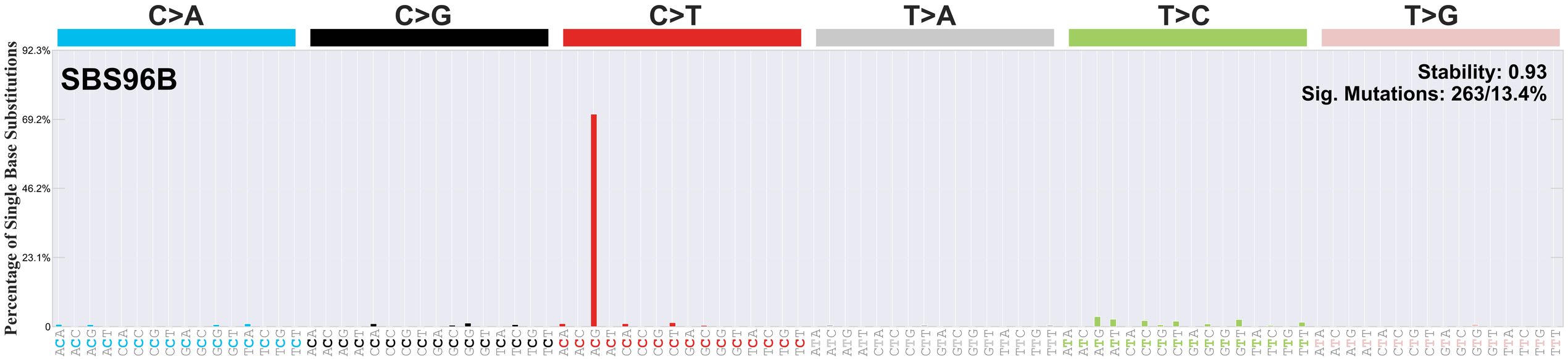
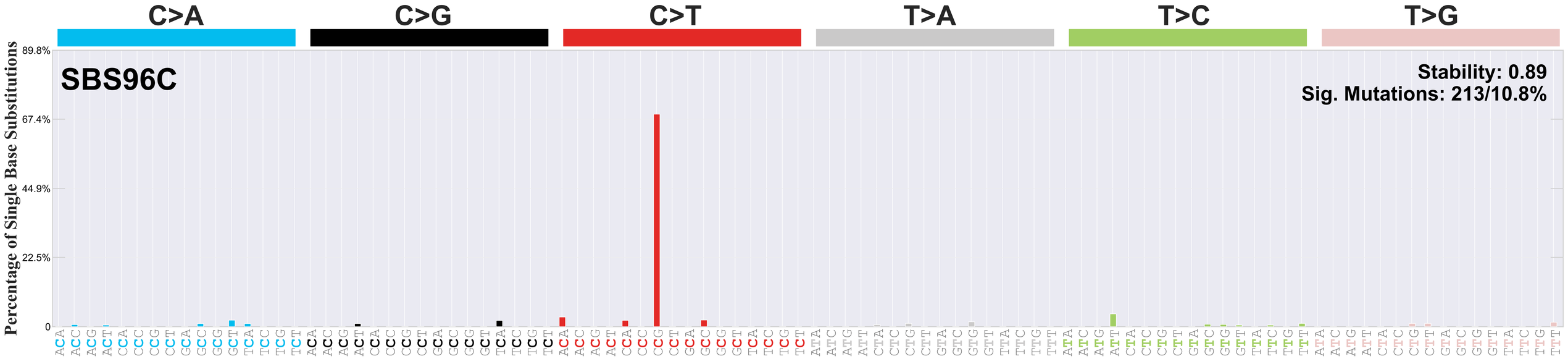
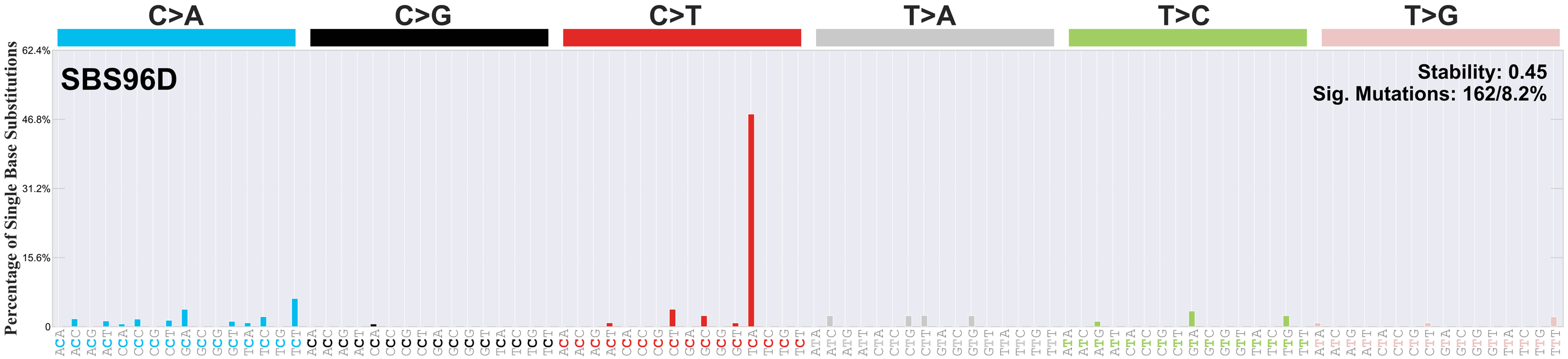
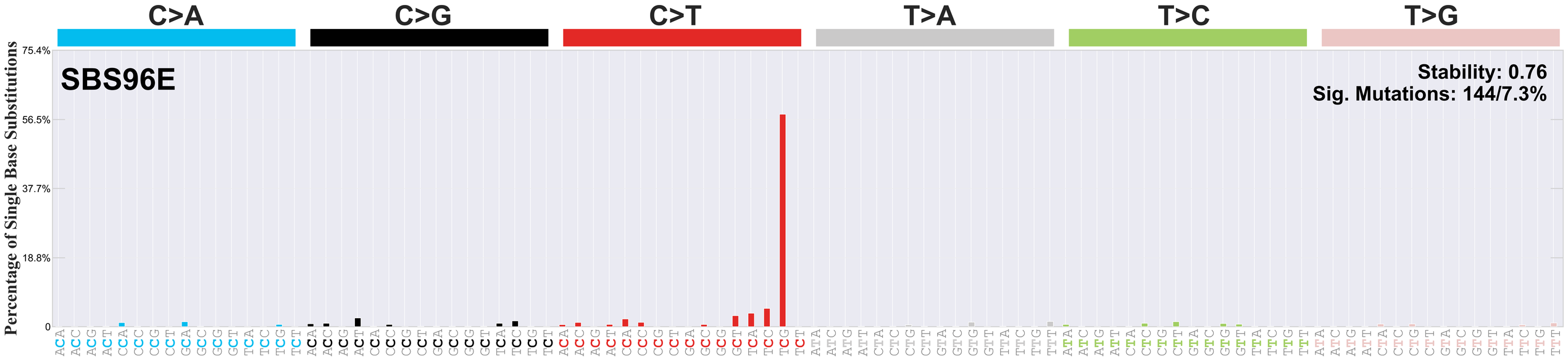
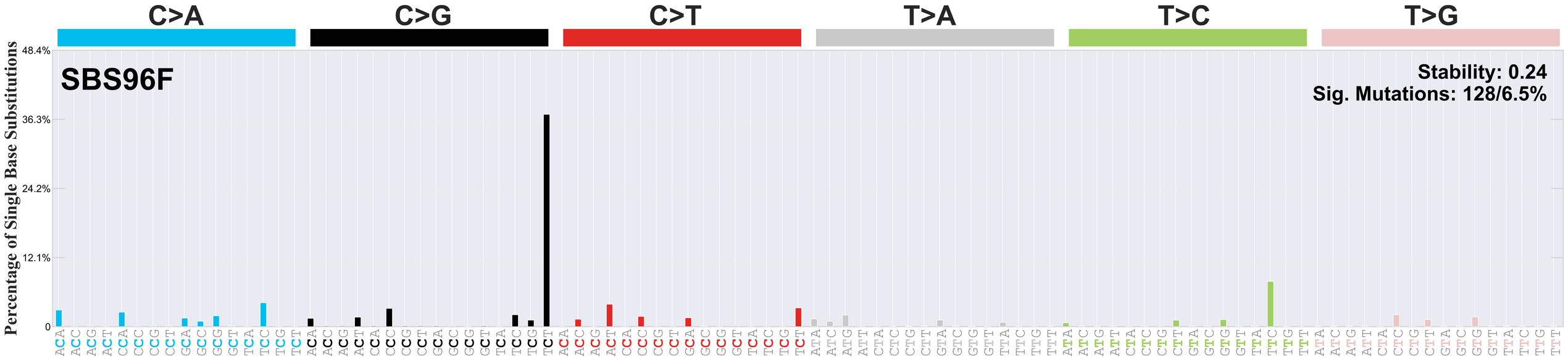

C>A
C>G
C>T
T>A
T>C
T>G
SBS96A
Stability: 0.89
Sig. Mutations: 519/26.4%
Percentage of Single Base Substitutions
87.6%
65.7%
43.8%
21.9%
0

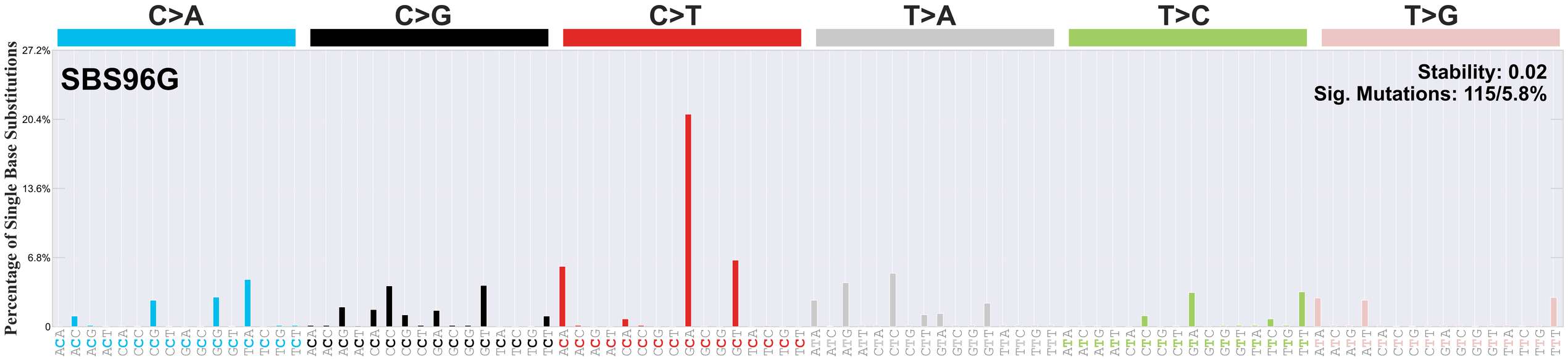

C>A
C>G
C>T
T>A
T>C
T>G
SBS96B
Stability: 0.93
Sig. Mutations: 263/13.4%
Percentage of Single Base Substitutions
92.3%
69.2%
46.2%
23.1%
0
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA 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

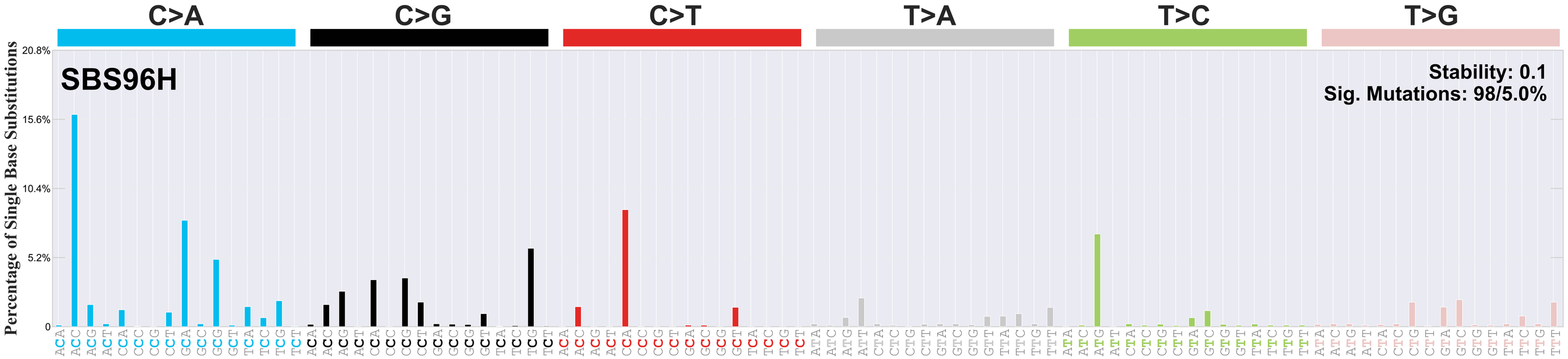

C>A
C>G
C>T
T>A
T>C
T>G
SBS96C
Stability: 0.89
Sig. Mutations: 213/10.8%
Percentage of Single Base Substitutions
89.8%
67.4%
44.9%
22.5%
0
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA 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

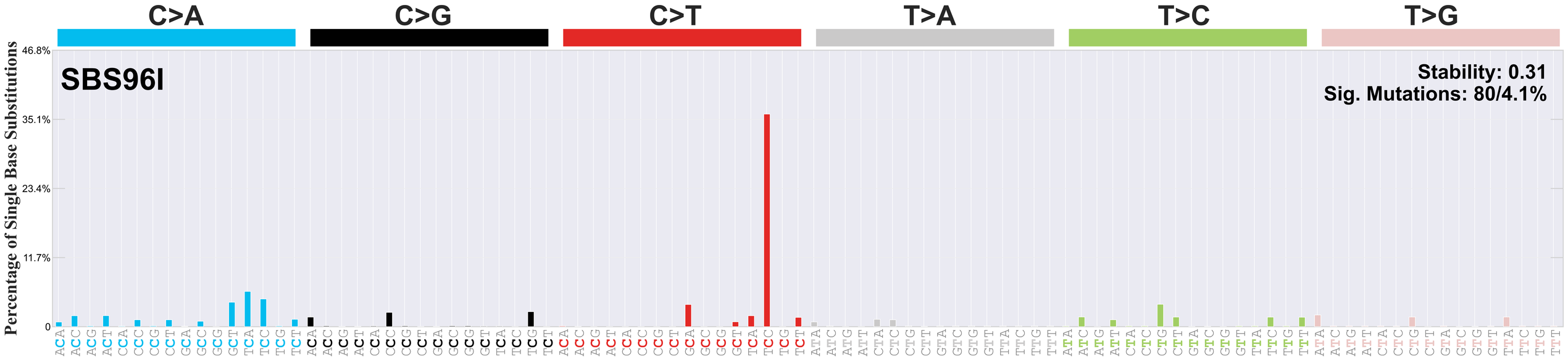

C>A
C>G
C>T
T>A
T>C
T>G
SBS96D
Stability: 0.45
Sig. Mutations: 162/8.2%
Percentage of Single Base Substitutions
62.4%
46.8%
31.2%
15.6%
0

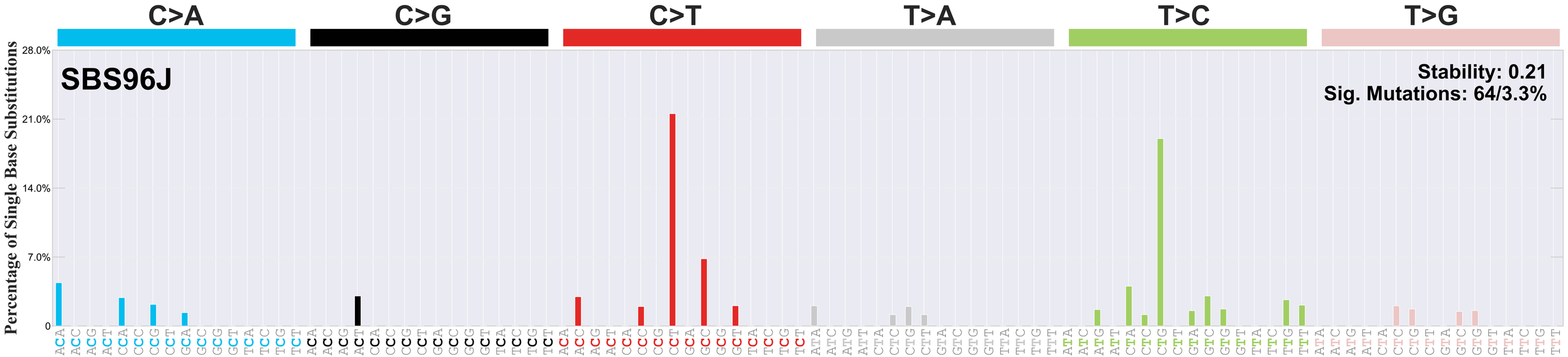

C>A
C>G
C>T
T>A
T>C
T>G
SBS96E
Stability: 0.76
Sig. Mutations: 144/7.3%
Percentage of Single Base Substitutions
75.4%
56.5%
37.7%
18.8%
0

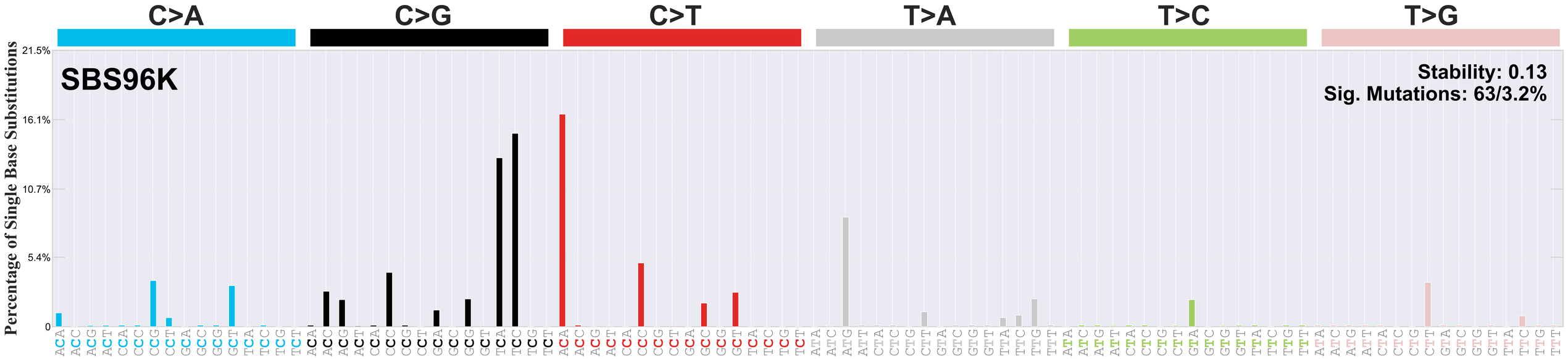

C>A
C>G
C>T
T>A
T>C
T>G
SBS96F
Stability: 0.24
Sig. Mutations: 128/6.5%
Percentage of Single Base Substitutions
48.4%
36.3%
24.2%
12.1%
0

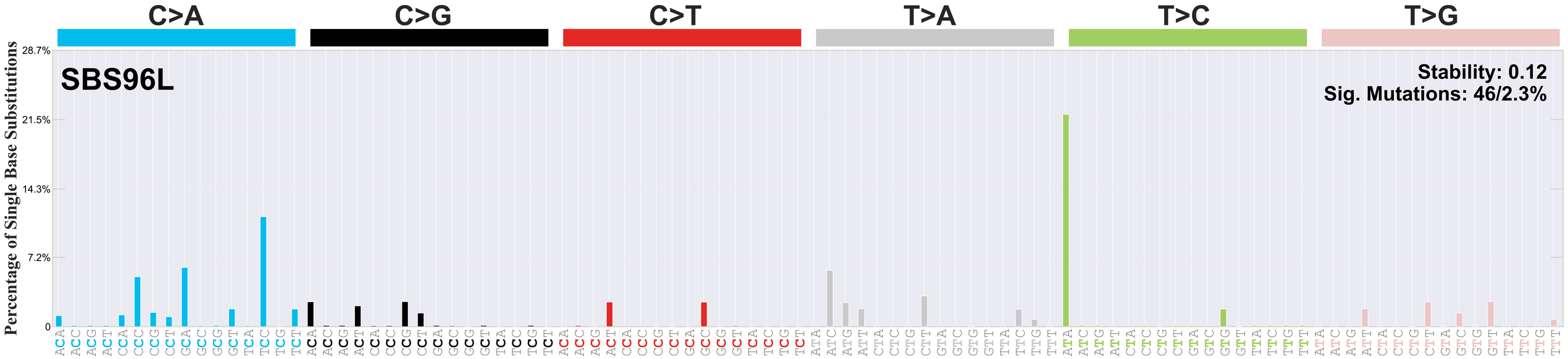

C>A
C>G
C>T
T>A
T>C
T>G
SBS96G
Stability: 0.02
Sig. Mutations: 115/5.8%
Percentage of Single Base Substitutions
27.2%
20.4%
13.6%
6.8%
0
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA 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

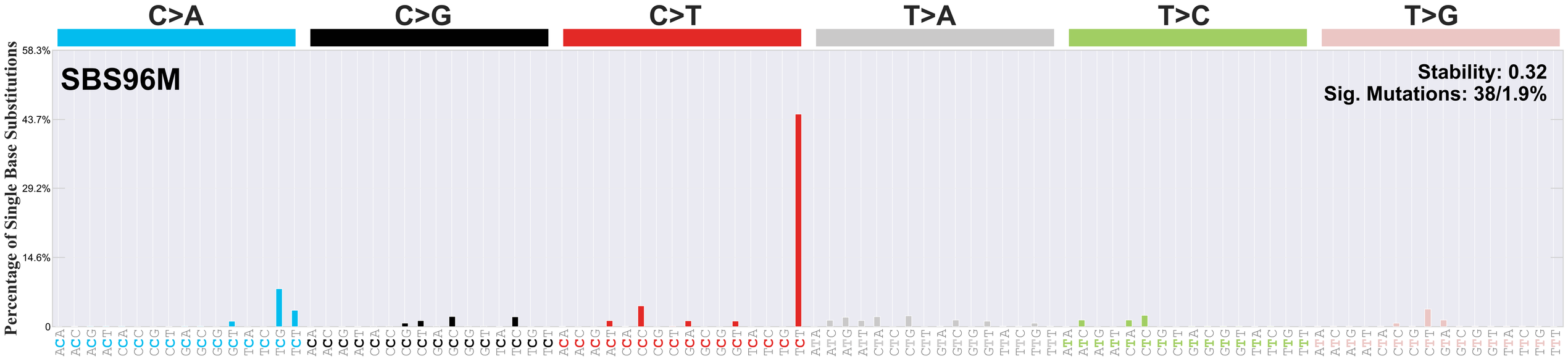

C>A
C>G
C>T
T>A
T>C
T>G
SBS96H
Stability: 0.1
Sig. Mutations: 98/5.0%
Percentage of Single Base Substitutions
20.8%
15.6%
10.4%
5.2%
0

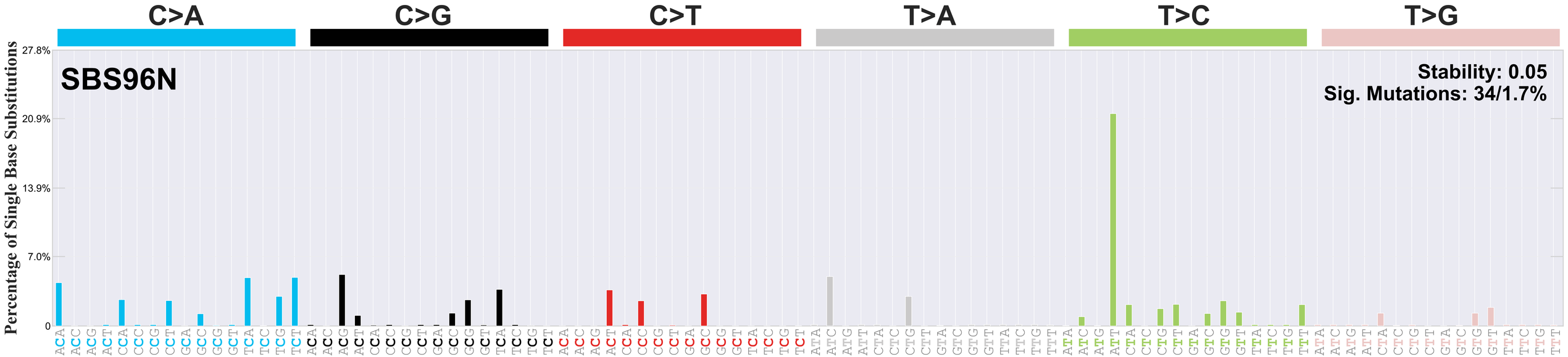

C>A
C>G
C>T
T>A
T>C
T>G
SBS96I
Stability: 0.31
Sig. Mutations: 80/4.1%
Percentage of Single Base Substitutions
46.8%
35.1%
23.4%
11.7%
0


C>A
C>G
C>T
T>A
T>C
T>G
SBS96J
Stability: 0.21
Sig. Mutations: 64/3.3%
Percentage of Single Base Substitutions
28.0%
21.0%
14.0%
7.0%
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 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: 0.13
Sig. Mutations: 63/3.2%
Percentage of Single Base Substitutions
21.5%
16.1%
10.7%
5.4%
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


C>A
C>G
C>T
T>A
T>C
T>G
SBS96L
Stability: 0.12
Sig. Mutations: 46/2.3%
Percentage of Single Base Substitutions
28.7%
21.5%
14.3%
7.2%
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
SBS96M
Stability: 0.32
Sig. Mutations: 38/1.9%
Percentage of Single Base Substitutions
58.3%
43.7%
29.2%
14.6%
0


C>A
C>G
C>T
T>A
T>C
T>G
SBS96N
Stability: 0.05
Sig. Mutations: 34/1.7%
Percentage of Single Base Substitutions
27.8%
20.9%
13.9%
7.0%
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