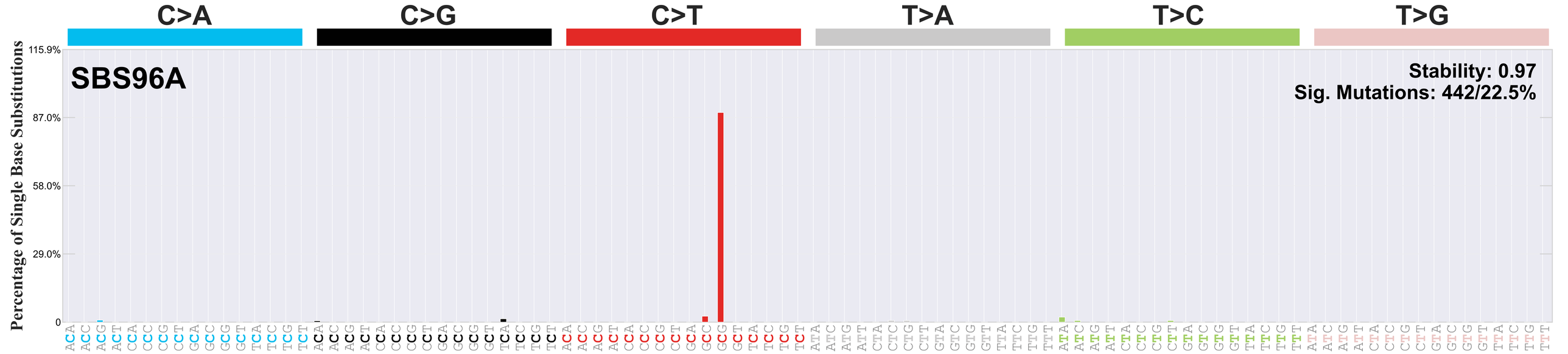
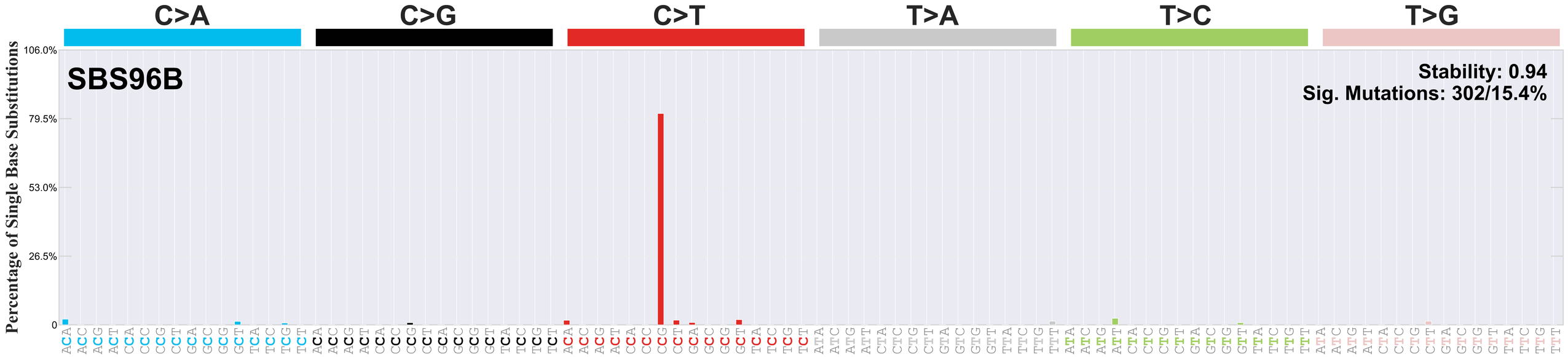
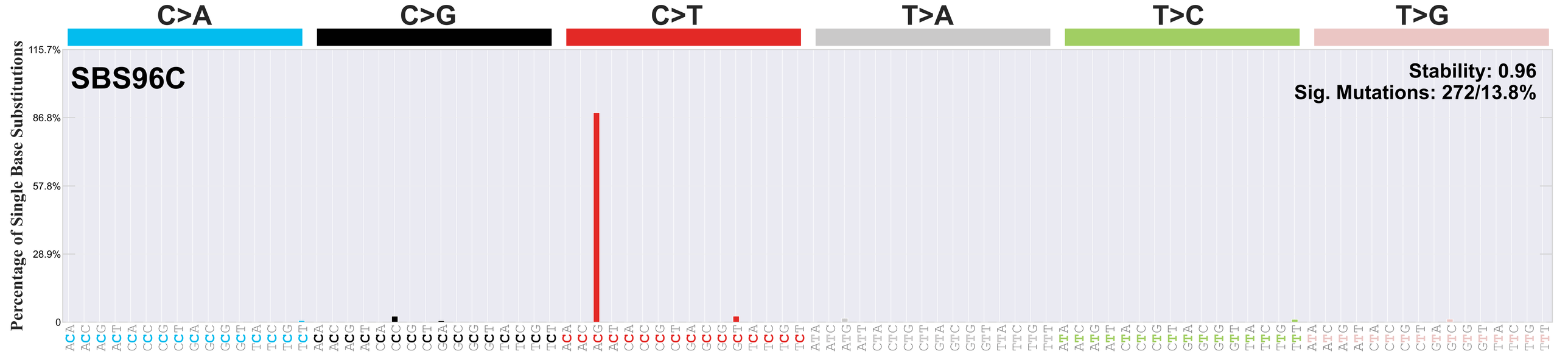
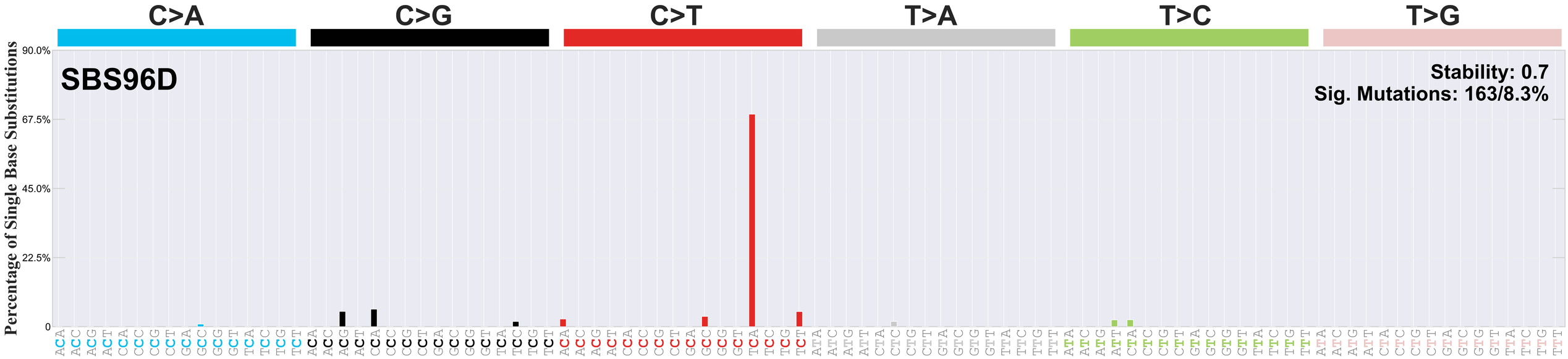
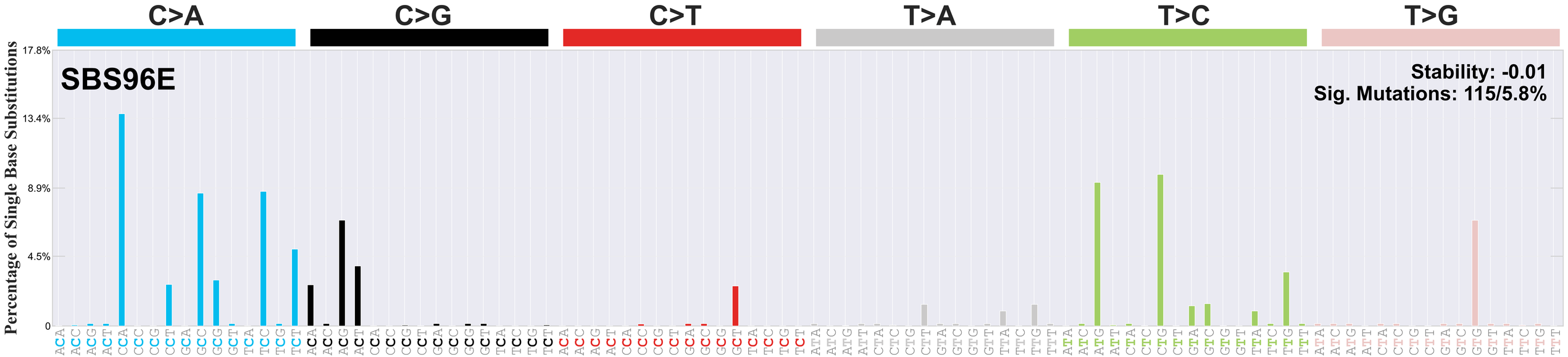
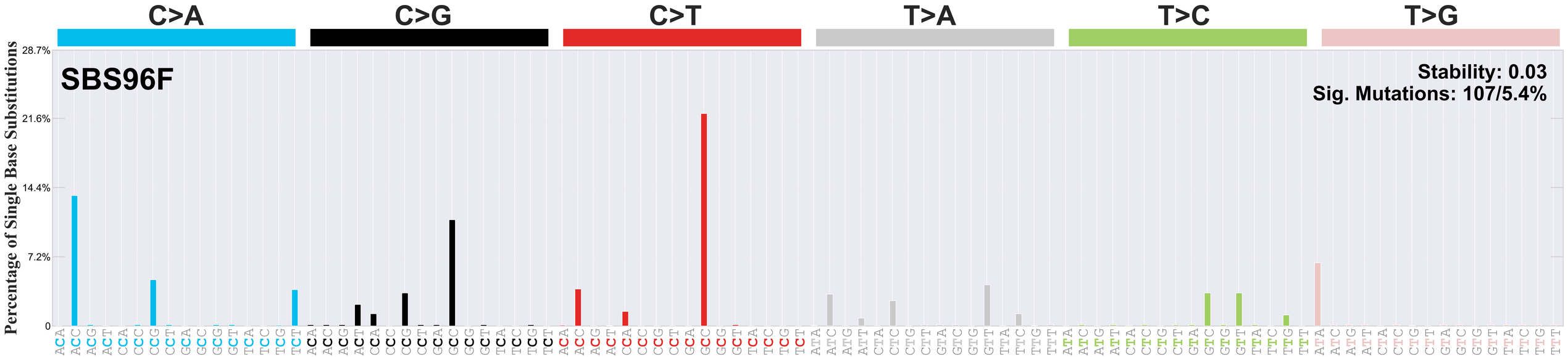

C>A
C>G
C>T
T>A
T>C
T>G
SBS96A
Stability: 0.97
Sig. Mutations: 442/22.5%
Percentage of Single Base Substitutions
115.9%
87.0%
58.0%
29.0%
0

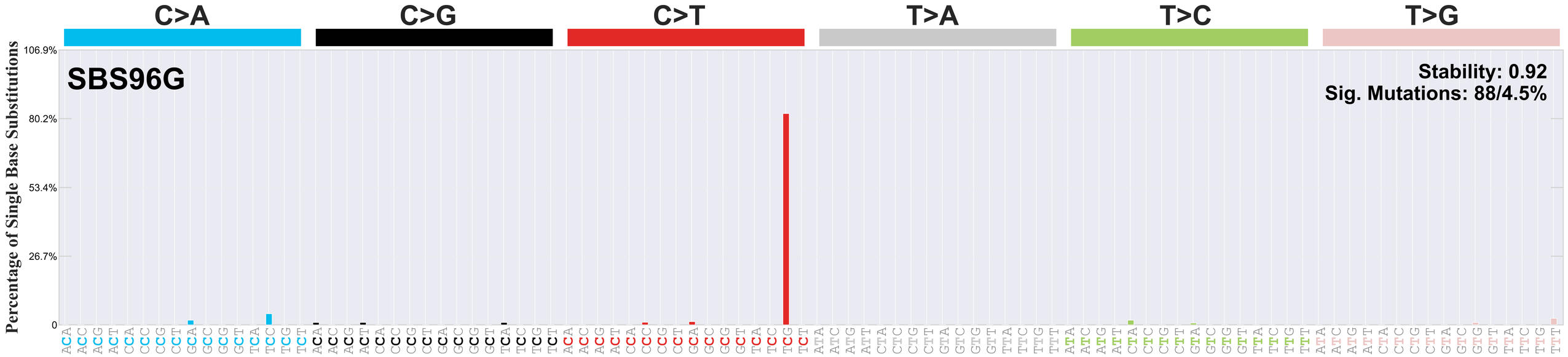

C>A
C>G
C>T
T>A
T>C
T>G
SBS96B
Stability: 0.94
Sig. Mutations: 302/15.4%
Percentage of Single Base Substitutions
106.0%
79.5%
53.0%
26.5%
0

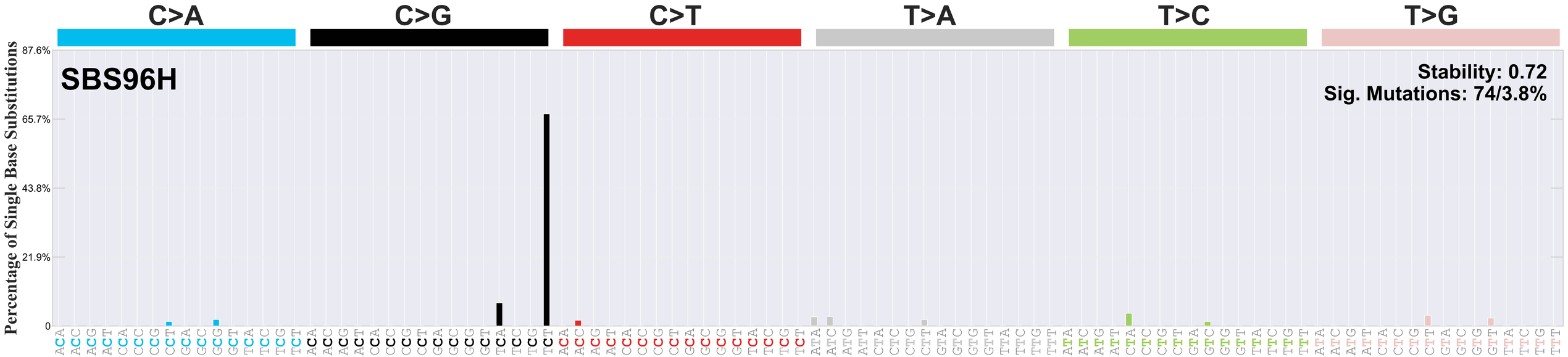

C>A
C>G
C>T
T>A
T>C
T>G
SBS96C
Stability: 0.96
Sig. Mutations: 272/13.8%
Percentage of Single Base Substitutions
115.7%
86.8%
57.8%
28.9%
0

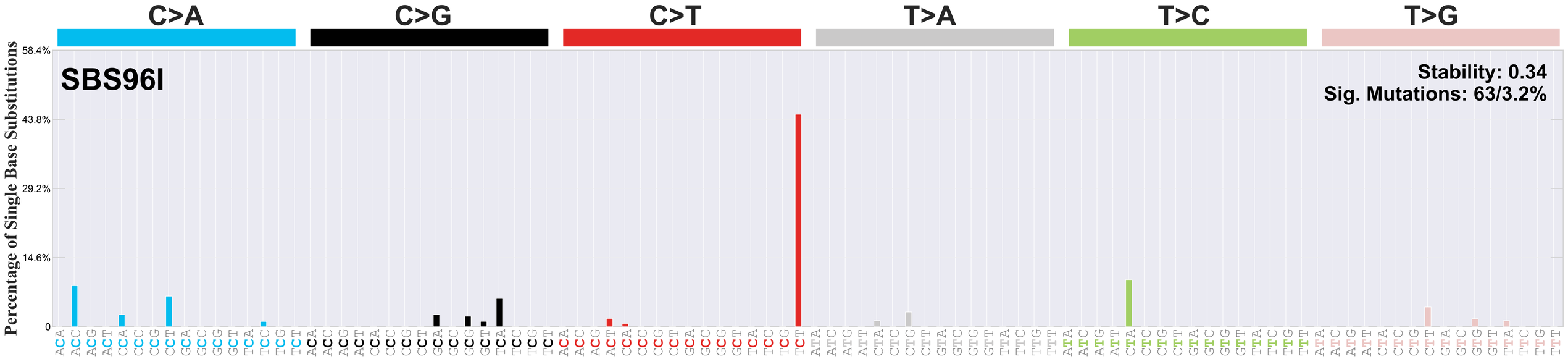

C>A
C>G
C>T
T>A
T>C
T>G
SBS96D
Stability: 0.7
Sig. Mutations: 163/8.3%
Percentage of Single Base Substitutions
90.0%
67.5%
45.0%
22.5%
0

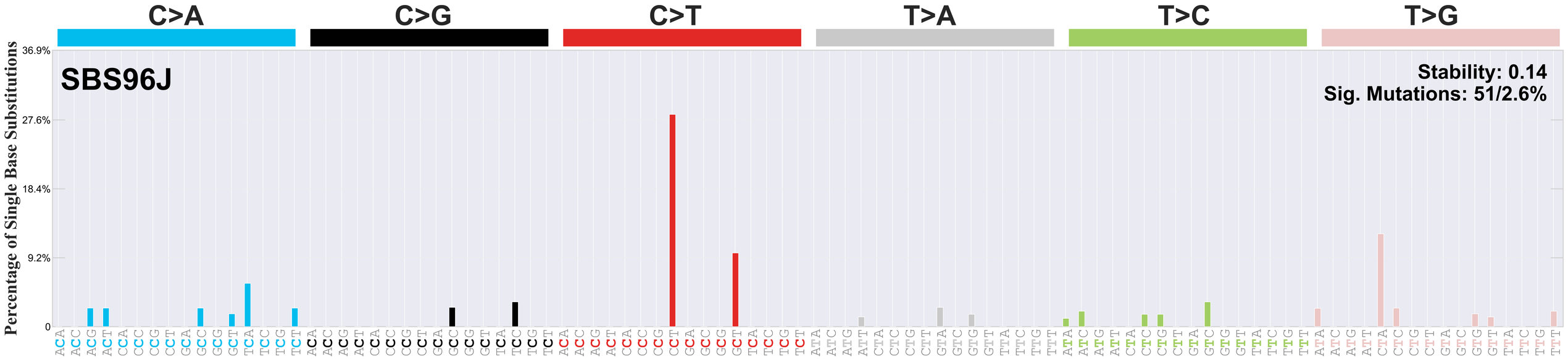

C>A
C>G
C>T
T>A
T>C
T>G
SBS96E
Stability: -0.01
Sig. Mutations: 115/5.8%
Percentage of Single Base Substitutions
17.8%
13.4%
8.9%
4.5%
0

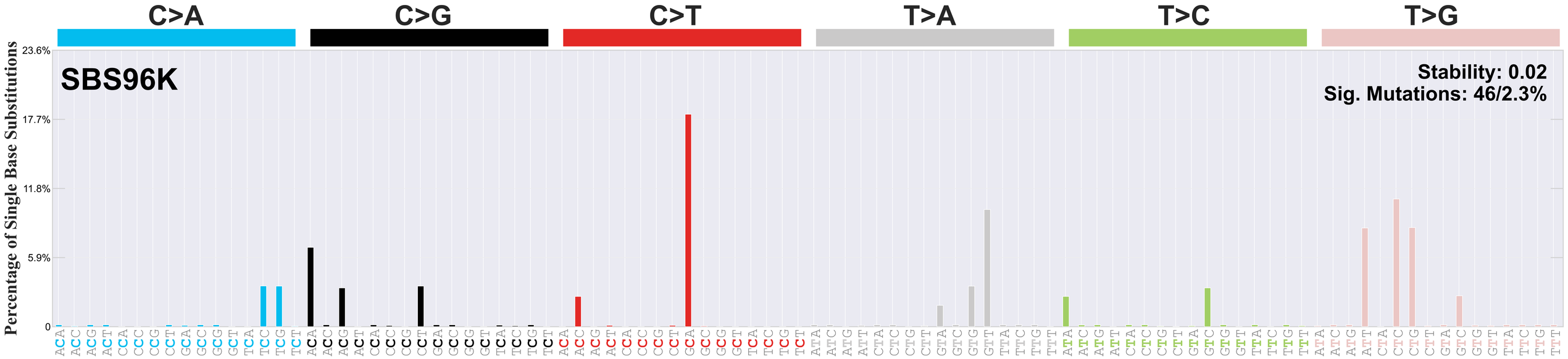

C>A
C>G
C>T
T>A
T>C
T>G
SBS96F
Stability: 0.03
Sig. Mutations: 107/5.4%
Percentage of Single Base Substitutions
28.7%
21.6%
14.4%
7.2%
0
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA 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

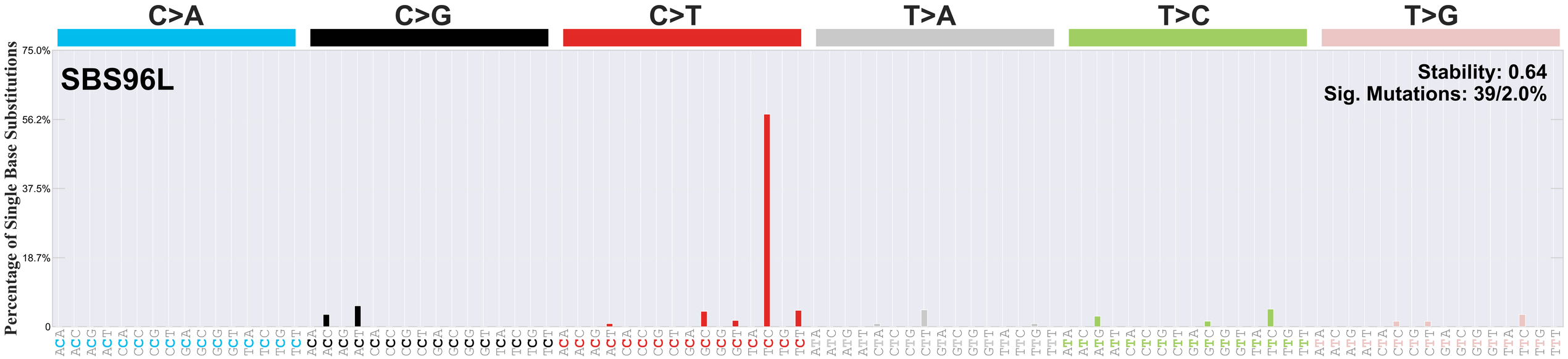

C>A
C>G
C>T
T>A
T>C
T>G
SBS96G
Stability: 0.92
Sig. Mutations: 88/4.5%
Percentage of Single Base Substitutions
106.9%
80.2%
53.4%
26.7%
0

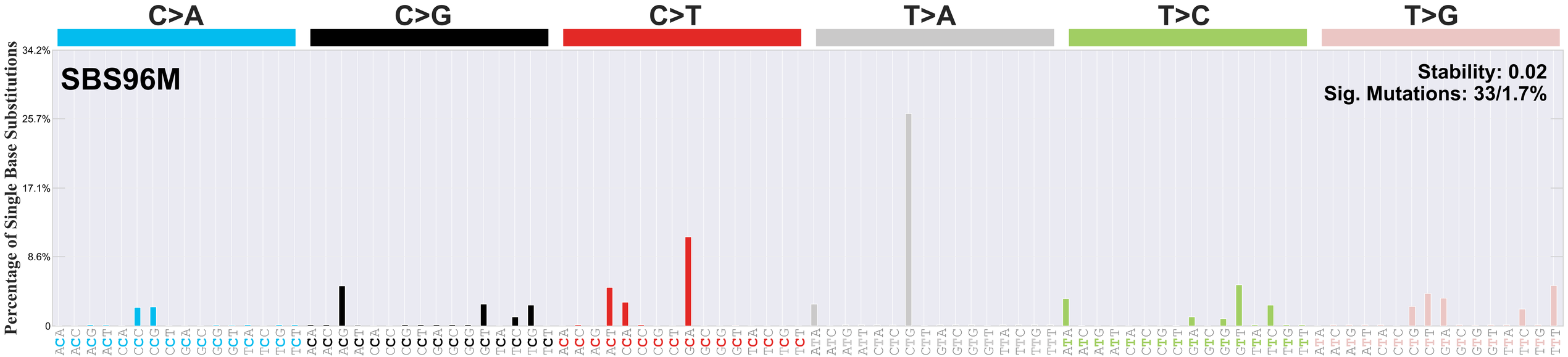

C>A
C>G
C>T
T>A
T>C
T>G
SBS96H
Stability: 0.72
Sig. Mutations: 74/3.8%
Percentage of Single Base Substitutions
87.6%
65.7%
43.8%
21.9%
0

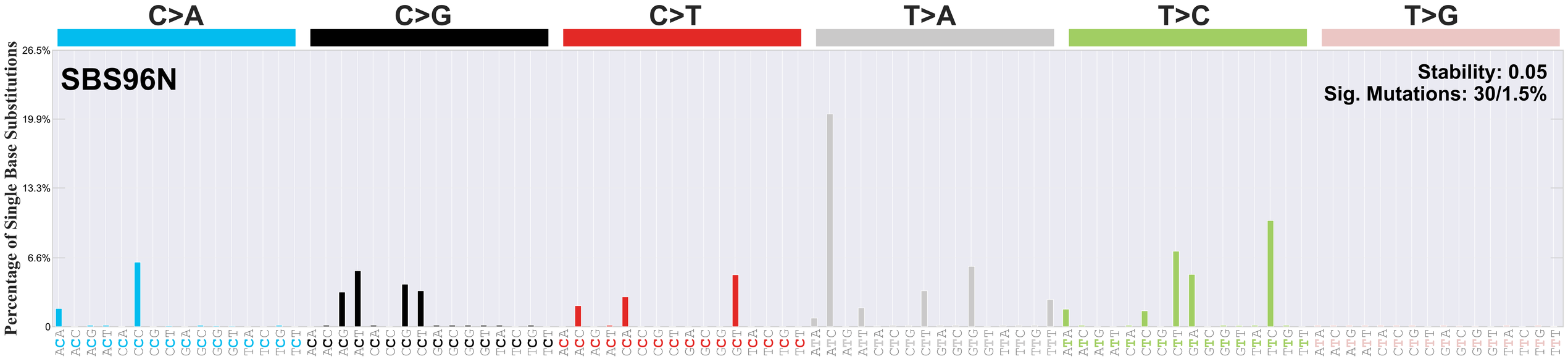

C>A
C>G
C>T
T>A
T>C
T>G
SBS96I
Stability: 0.34
Sig. Mutations: 63/3.2%
Percentage of Single Base Substitutions
58.4%
43.8%
29.2%
14.6%
0

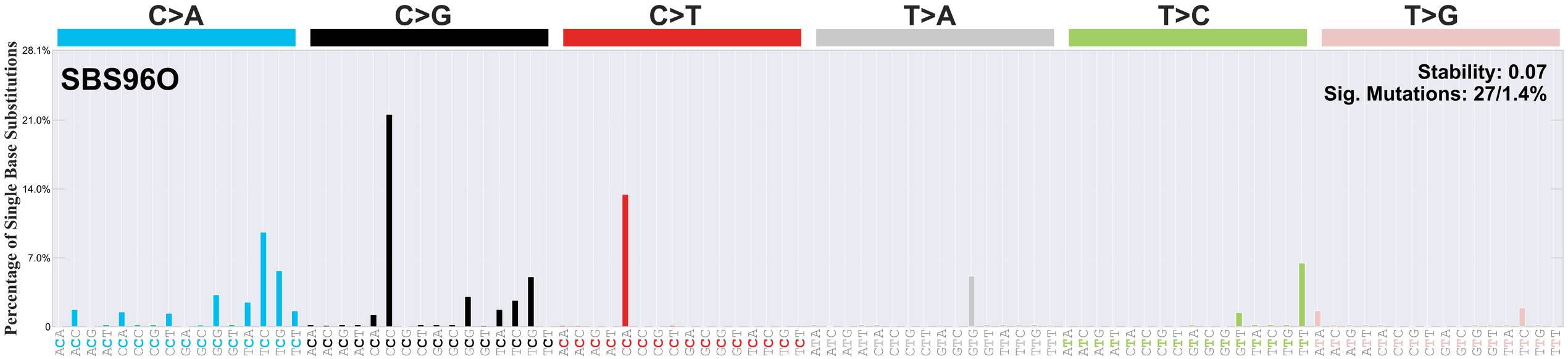

C>A
C>G
C>T
T>A
T>C
T>G
SBS96J
Stability: 0.14
Sig. Mutations: 51/2.6%
Percentage of Single Base Substitutions
36.9%
27.6%
18.4%
9.2%
0

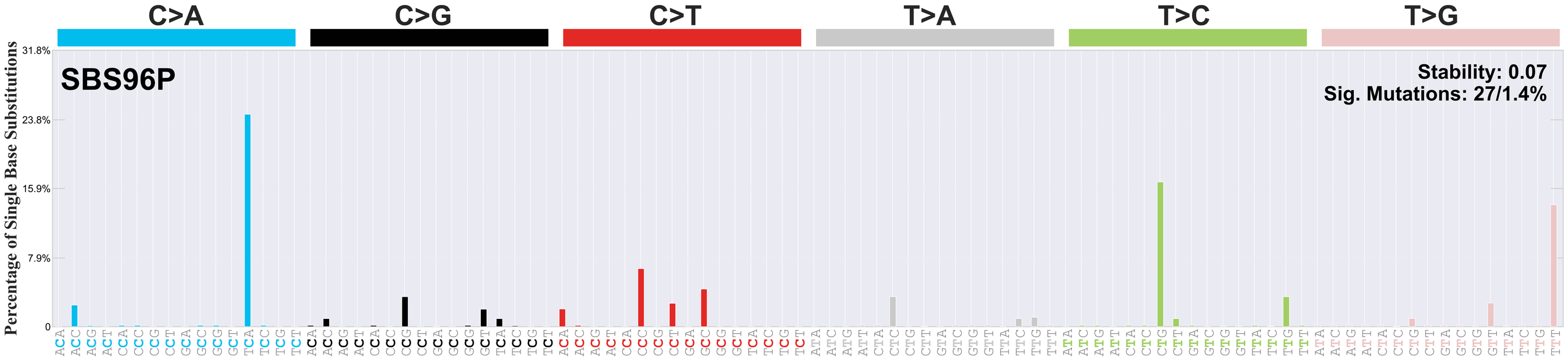

C>A
C>G
C>T
T>A
T>C
T>G
SBS96K
Stability: 0.02
Sig. Mutations: 46/2.3%
Percentage of Single Base Substitutions
23.6%
17.7%
11.8%
5.9%
0

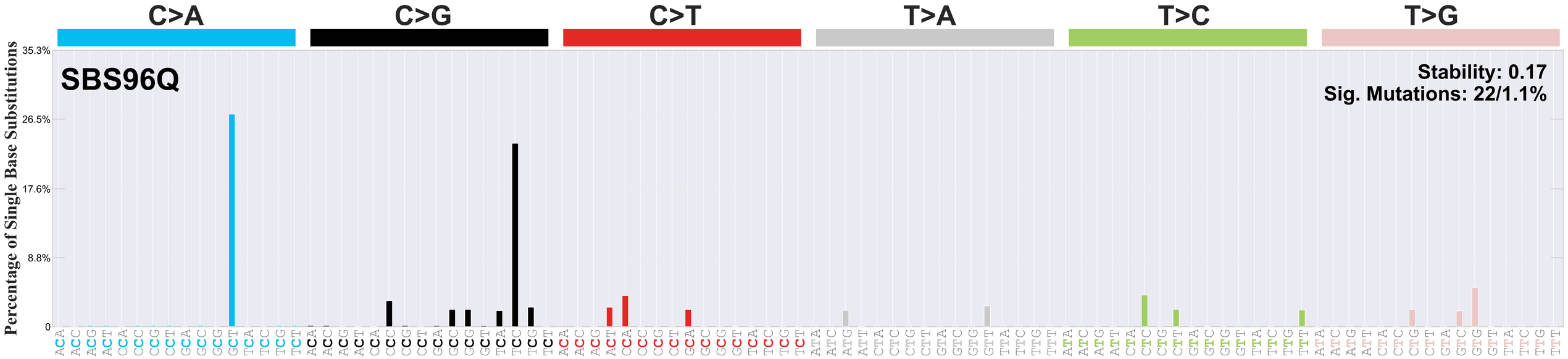

C>A
C>G
C>T
T>A
T>C
T>G
SBS96L
Stability: 0.64
Sig. Mutations: 39/2.0%
Percentage of Single Base Substitutions
75.0%
56.2%
37.5%
18.7%
0

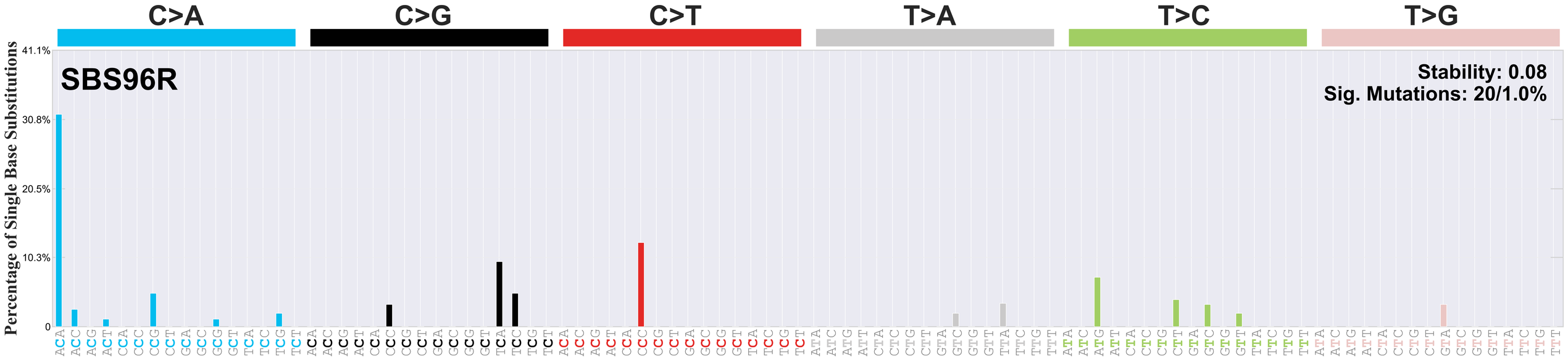

C>A
C>G
C>T
T>A
T>C
T>G
SBS96M
Stability: 0.02
Sig. Mutations: 33/1.7%
Percentage of Single Base Substitutions
34.2%
25.7%
17.1%
8.6%
0
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC 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

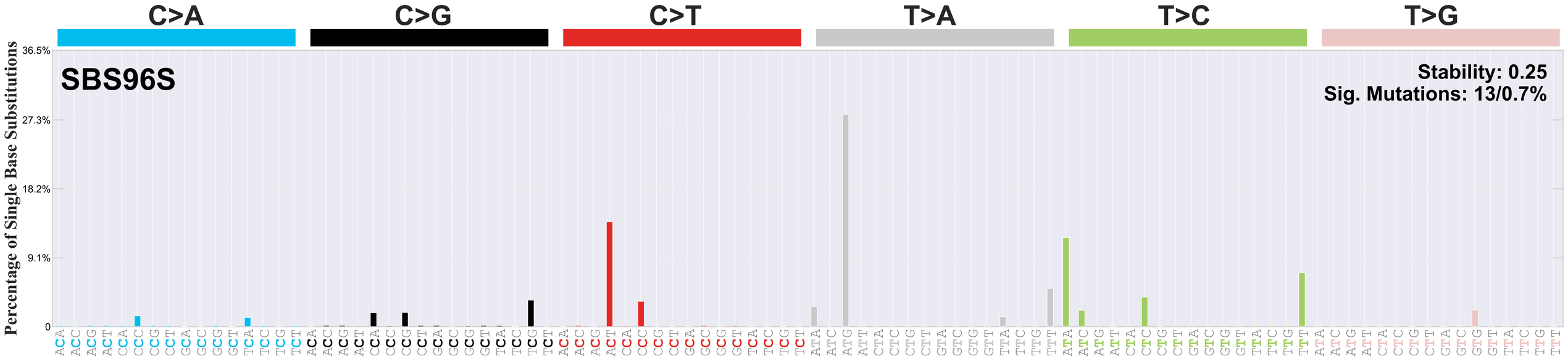

C>A
C>G
C>T
T>A
T>C
T>G
SBS96N
Stability: 0.05
Sig. Mutations: 30/1.5%
Percentage of Single Base Substitutions
26.5%
19.9%
13.3%
6.6%
0
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC 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

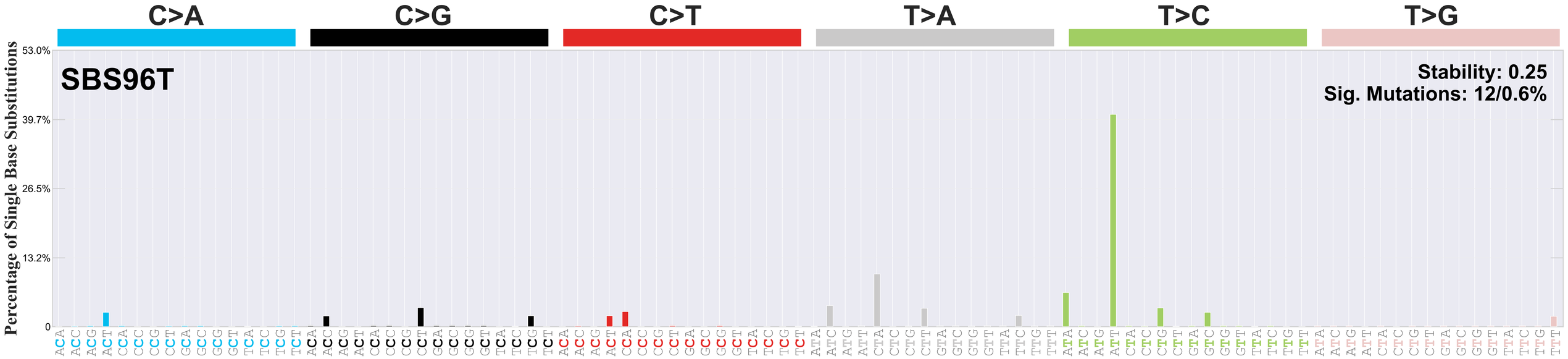

C>A
C>G
C>T
T>A
T>C
T>G
SBS96O
Stability: 0.07
Sig. Mutations: 27/1.4%
Percentage of Single Base Substitutions
28.1%
21.0%
14.0%
7.0%
0

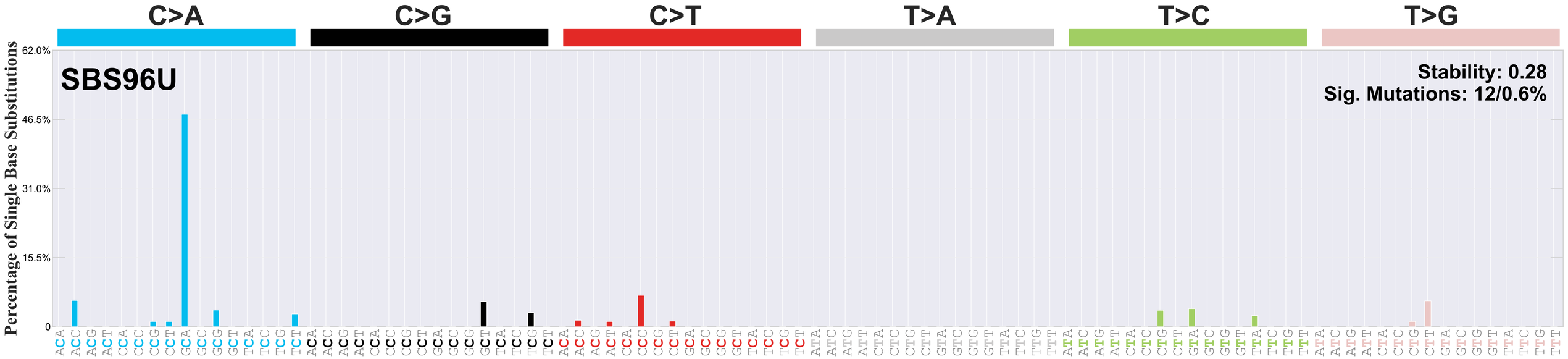

C>A
C>G
C>T
T>A
T>C
T>G
SBS96P
Stability: 0.07
Sig. Mutations: 27/1.4%
Percentage of Single Base Substitutions
31.8%
23.8%
15.9%
7.9%
0

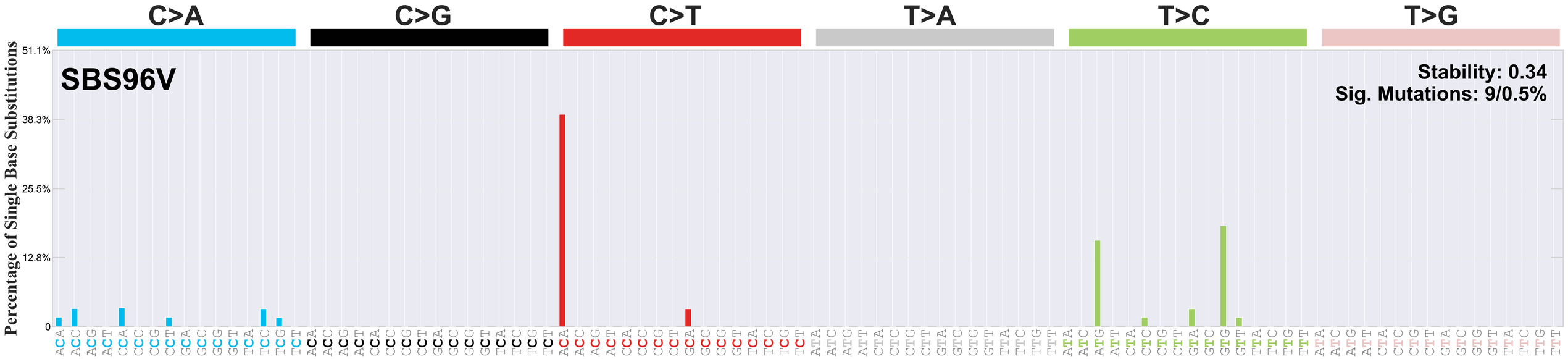

C>A
C>G
C>T
T>A
T>C
T>G
SBS96Q
Stability: 0.17
Sig. Mutations: 22/1.1%
Percentage of Single Base Substitutions
35.3%
26.5%
17.6%
8.8%
0


C>A
C>G
C>T
T>A
T>C
T>G
SBS96R
Stability: 0.08
Sig. Mutations: 20/1.0%
Percentage of Single Base Substitutions
41.1%
30.8%
20.5%
10.3%
0


C>A
C>G
C>T
T>A
T>C
T>G
SBS96S
Stability: 0.25
Sig. Mutations: 13/0.7%
Percentage of Single Base Substitutions
36.5%
27.3%
18.2%
9.1%
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
SBS96T
Stability: 0.25
Sig. Mutations: 12/0.6%
Percentage of Single Base Substitutions
53.0%
39.7%
26.5%
13.2%
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
SBS96U
Stability: 0.28
Sig. Mutations: 12/0.6%
Percentage of Single Base Substitutions
62.0%
46.5%
31.0%
15.5%
0


C>A
C>G
C>T
T>A
T>C
T>G
SBS96V
Stability: 0.34
Sig. Mutations: 9/0.5%
Percentage of Single Base Substitutions
51.1%
38.3%
25.5%
12.8%
0