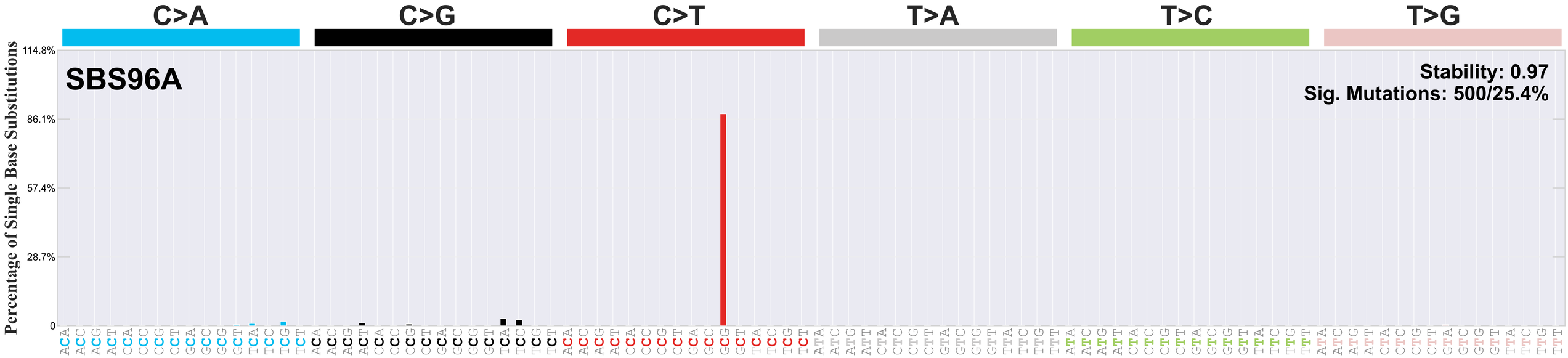
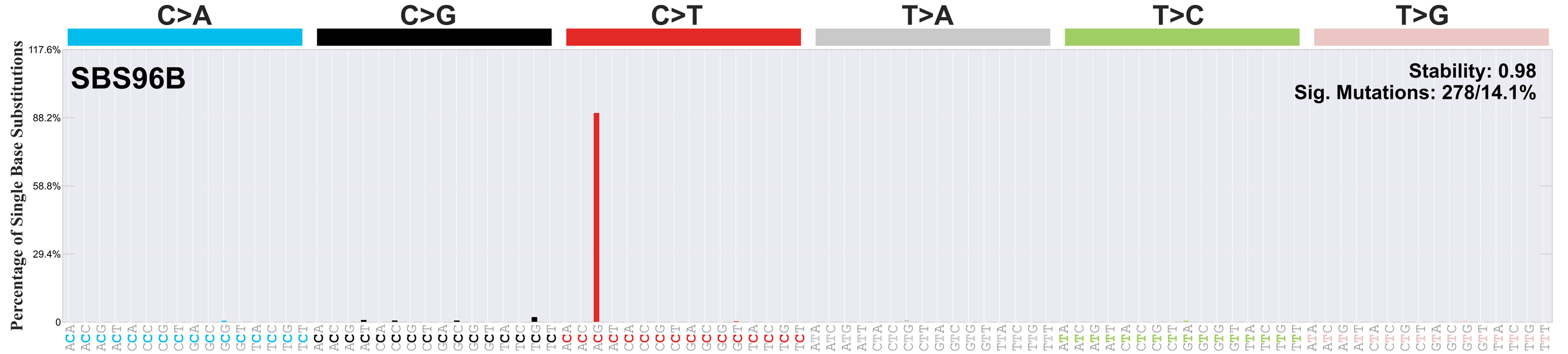
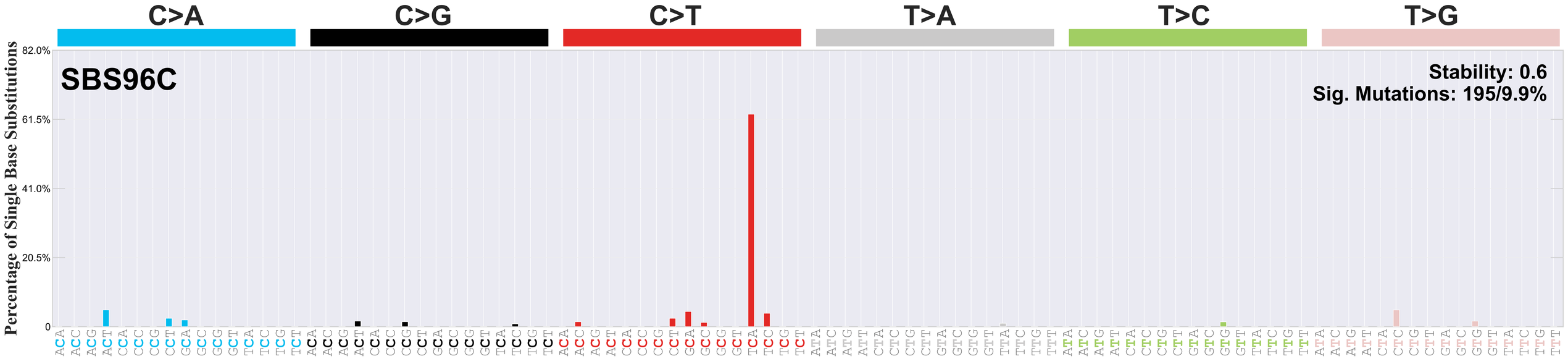
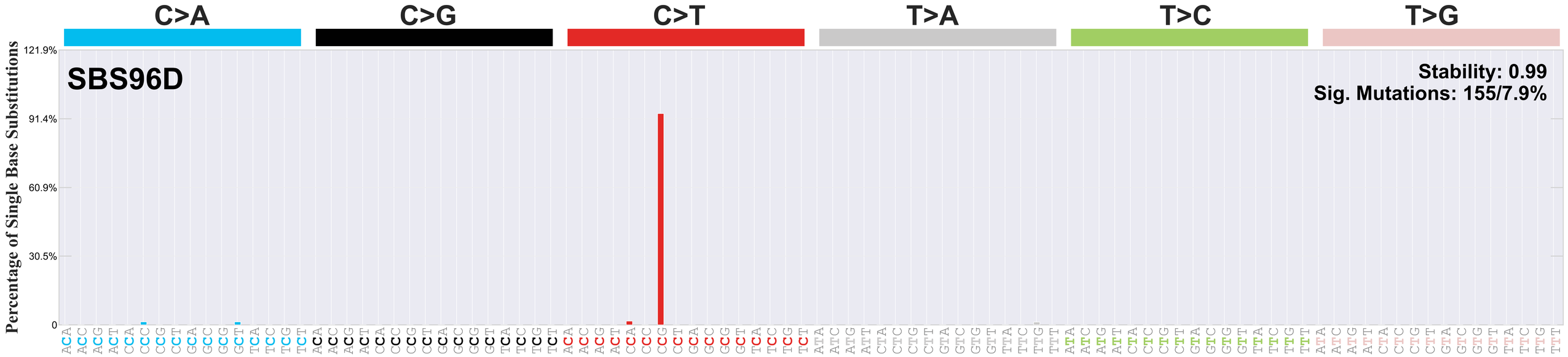
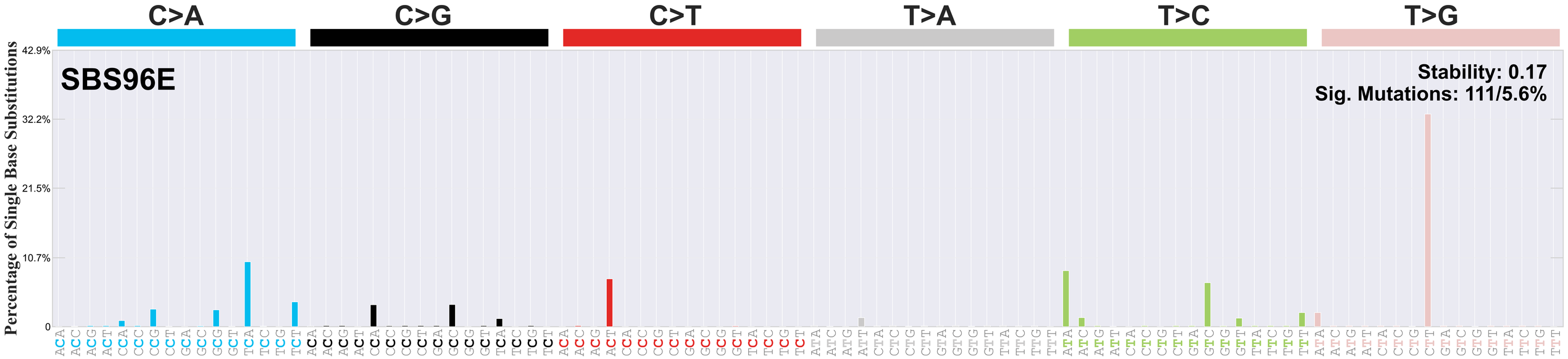
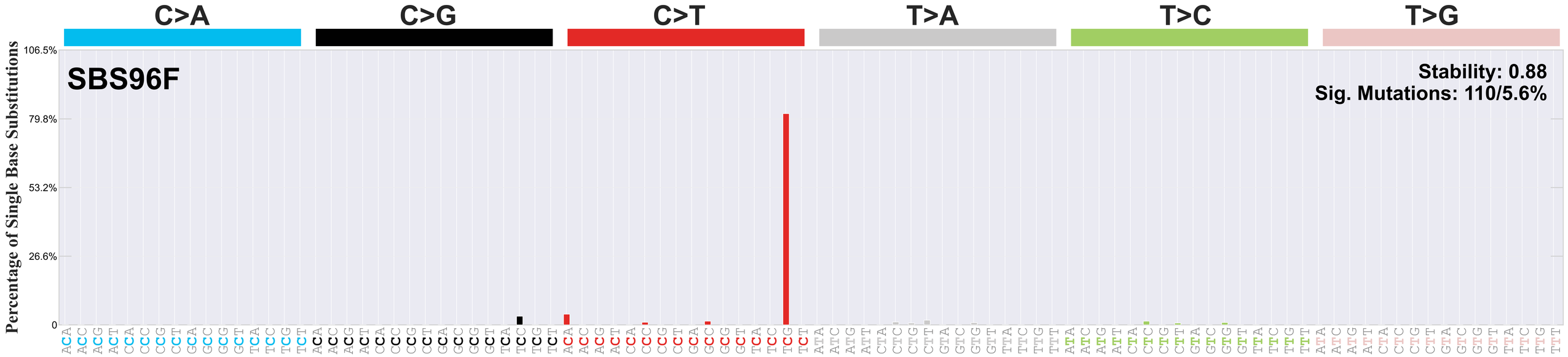

C>A
C>G
C>T
T>A
T>C
T>G
SBS96A
Stability: 0.97
Sig. Mutations: 500/25.4%
Percentage of Single Base Substitutions
114.8%
86.1%
57.4%
28.7%
0

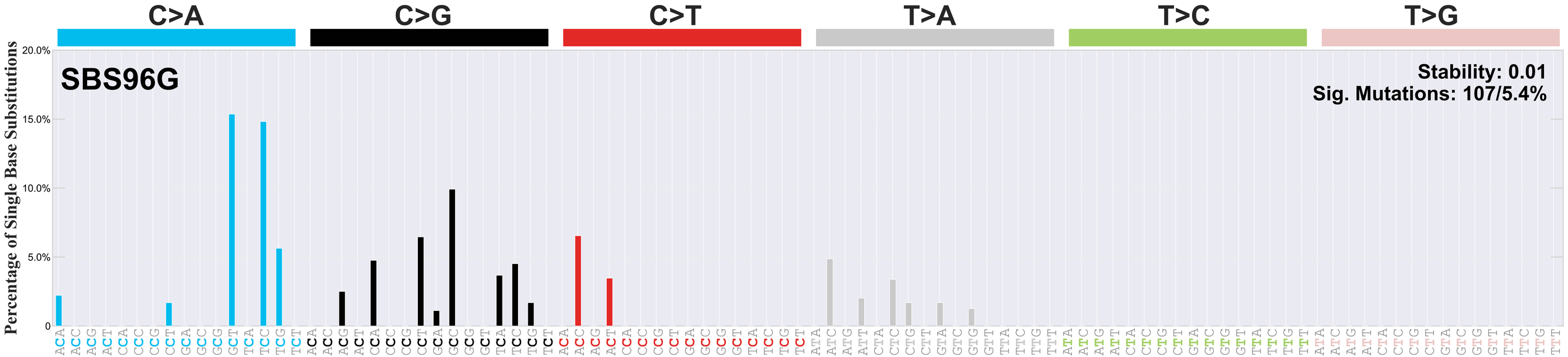

C>A
C>G
C>T
T>A
T>C
T>G
SBS96B
Stability: 0.98
Sig. Mutations: 278/14.1%
Percentage of Single Base Substitutions
117.6%
88.2%
58.8%
29.4%
0

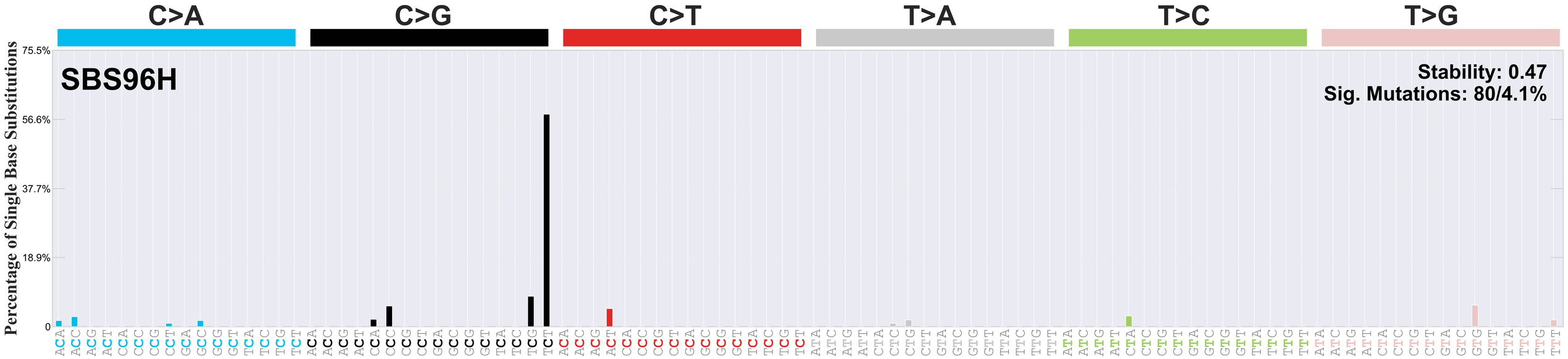

C>A
C>G
C>T
T>A
T>C
T>G
SBS96C
Stability: 0.6
Sig. Mutations: 195/9.9%
Percentage of Single Base Substitutions
82.0%
61.5%
41.0%
20.5%
0

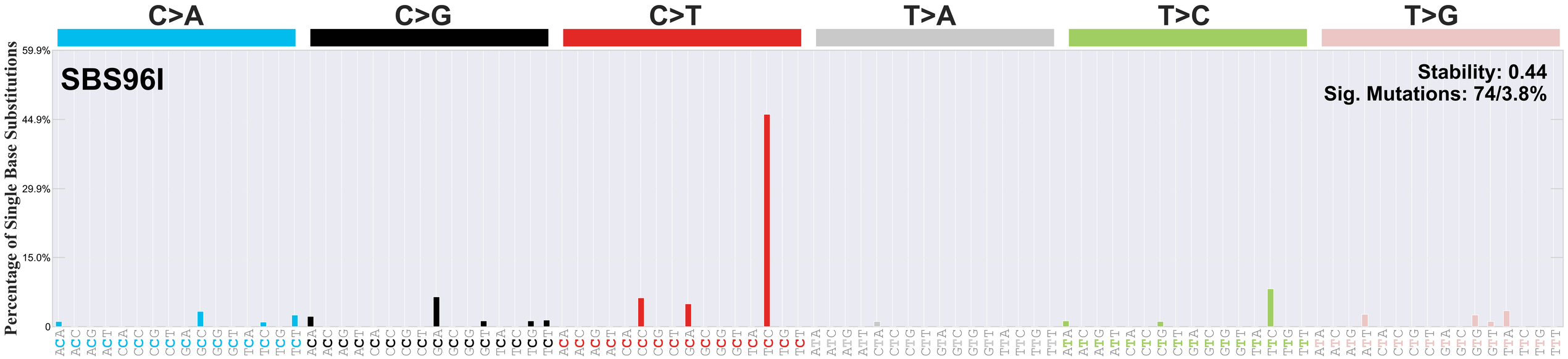

C>A
C>G
C>T
T>A
T>C
T>G
SBS96D
Stability: 0.99
Sig. Mutations: 155/7.9%
Percentage of Single Base Substitutions
121.9%
91.4%
60.9%
30.5%
0

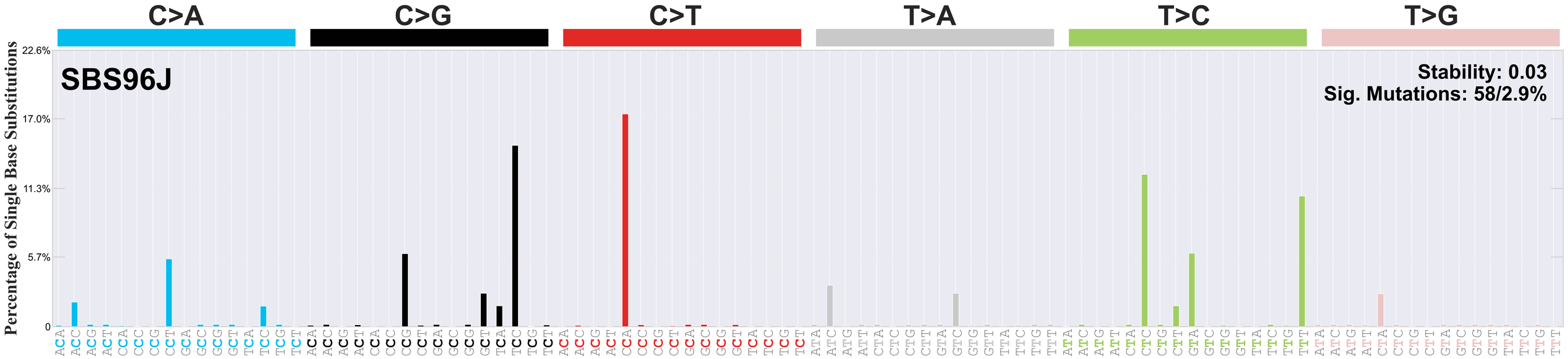

C>A
C>G
C>T
T>A
T>C
T>G
SBS96E
Stability: 0.17
Sig. Mutations: 111/5.6%
Percentage of Single Base Substitutions
42.9%
32.2%
21.5%
10.7%
0
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA 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

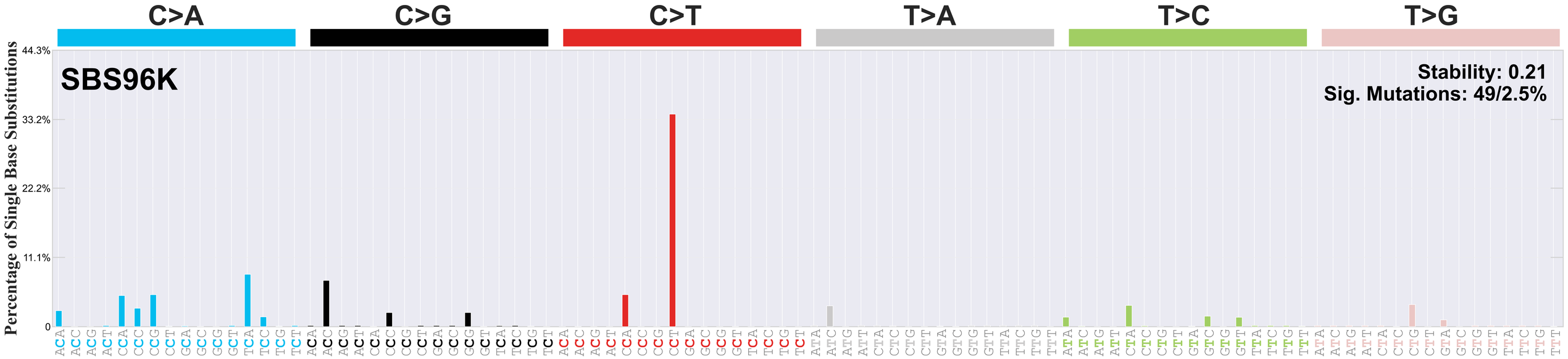

C>A
C>G
C>T
T>A
T>C
T>G
SBS96F
Stability: 0.88
Sig. Mutations: 110/5.6%
Percentage of Single Base Substitutions
106.5%
79.8%
53.2%
26.6%
0

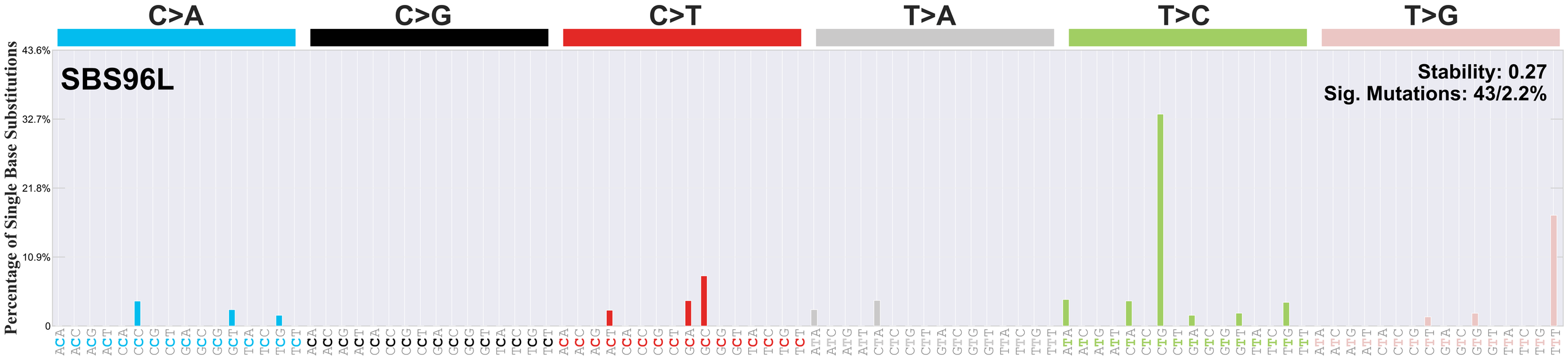

C>A
C>G
C>T
T>A
T>C
T>G
SBS96G
Stability: 0.01
Sig. Mutations: 107/5.4%
Percentage of Single Base Substitutions
20.0%
15.0%
10.0%
5.0%
0

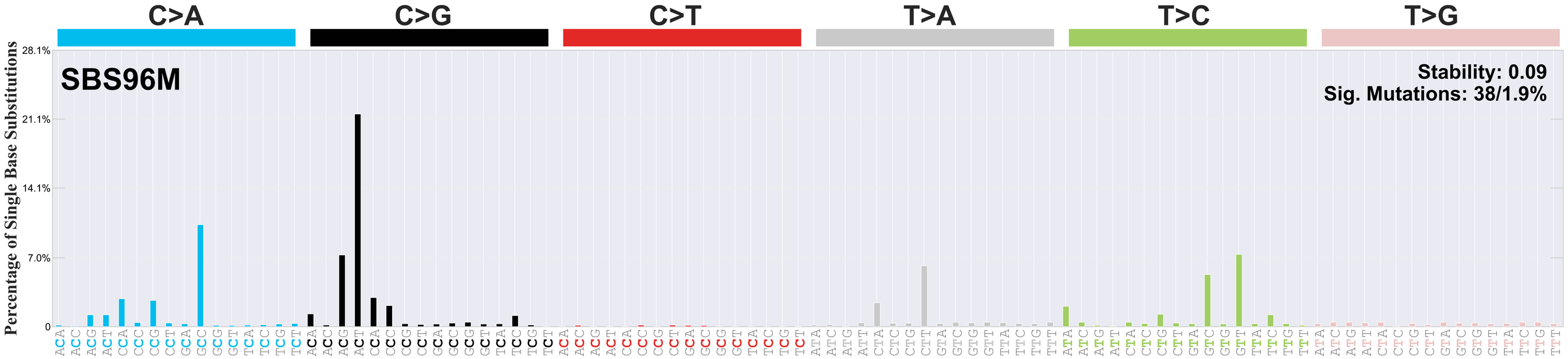

C>A
C>G
C>T
T>A
T>C
T>G
SBS96H
Stability: 0.47
Sig. Mutations: 80/4.1%
Percentage of Single Base Substitutions
75.5%
56.6%
37.7%
18.9%
0

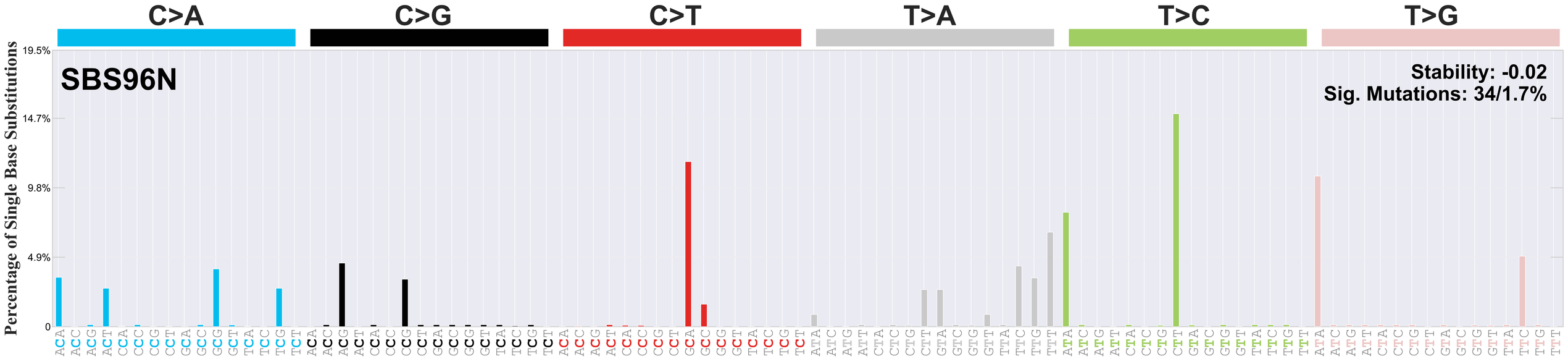

C>A
C>G
C>T
T>A
T>C
T>G
SBS96I
Stability: 0.44
Sig. Mutations: 74/3.8%
Percentage of Single Base Substitutions
59.9%
44.9%
29.9%
15.0%
0

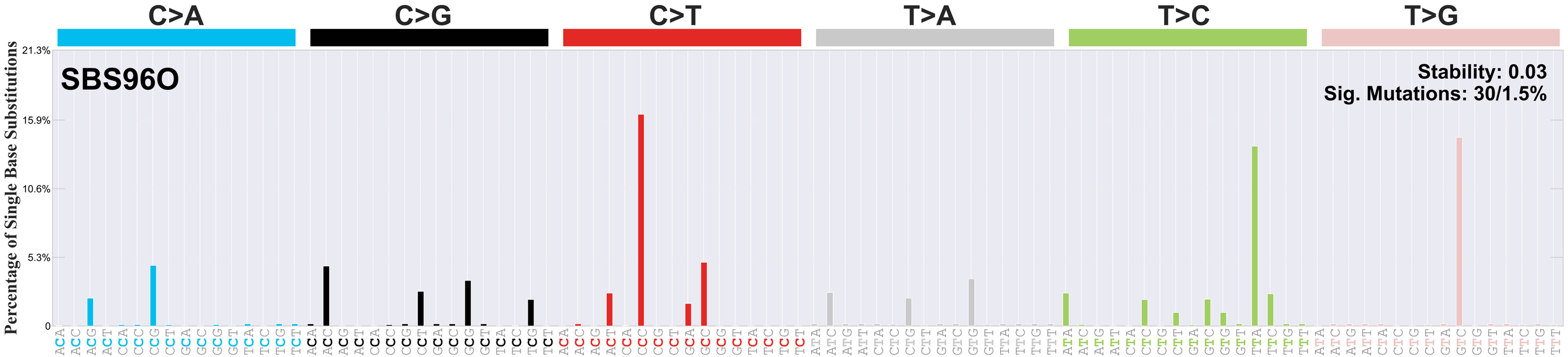

C>A
C>G
C>T
T>A
T>C
T>G
SBS96J
Stability: 0.03
Sig. Mutations: 58/2.9%
Percentage of Single Base Substitutions
22.6%
17.0%
11.3%
5.7%
0

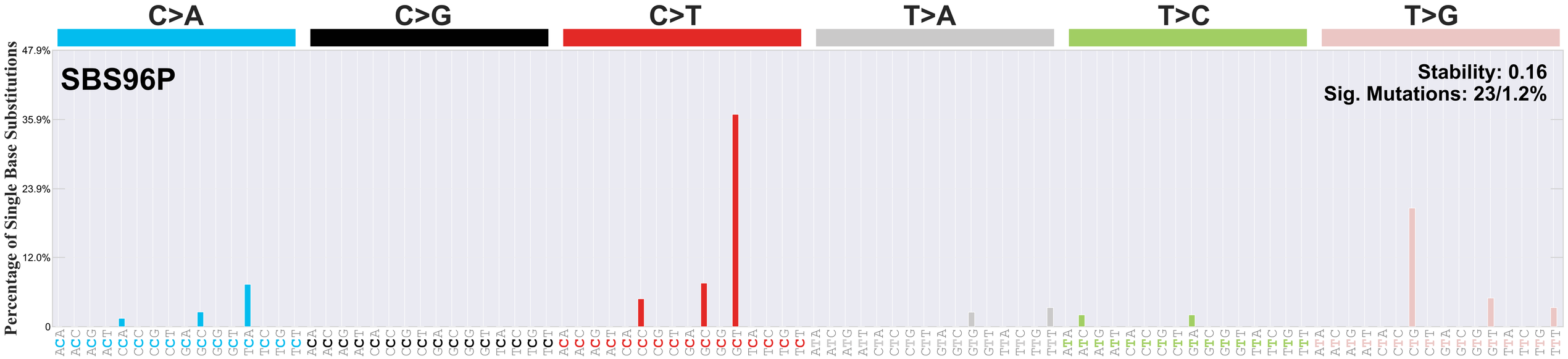

C>A
C>G
C>T
T>A
T>C
T>G
SBS96K
Stability: 0.21
Sig. Mutations: 49/2.5%
Percentage of Single Base Substitutions
44.3%
33.2%
22.2%
11.1%
0

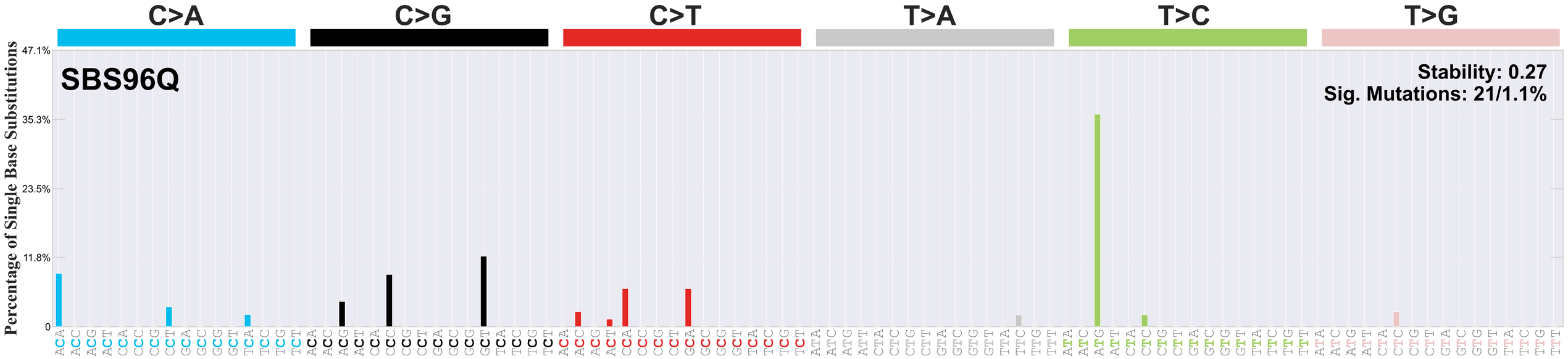

C>A
C>G
C>T
T>A
T>C
T>G
SBS96L
Stability: 0.27
Sig. Mutations: 43/2.2%
Percentage of Single Base Substitutions
43.6%
32.7%
21.8%
10.9%
0

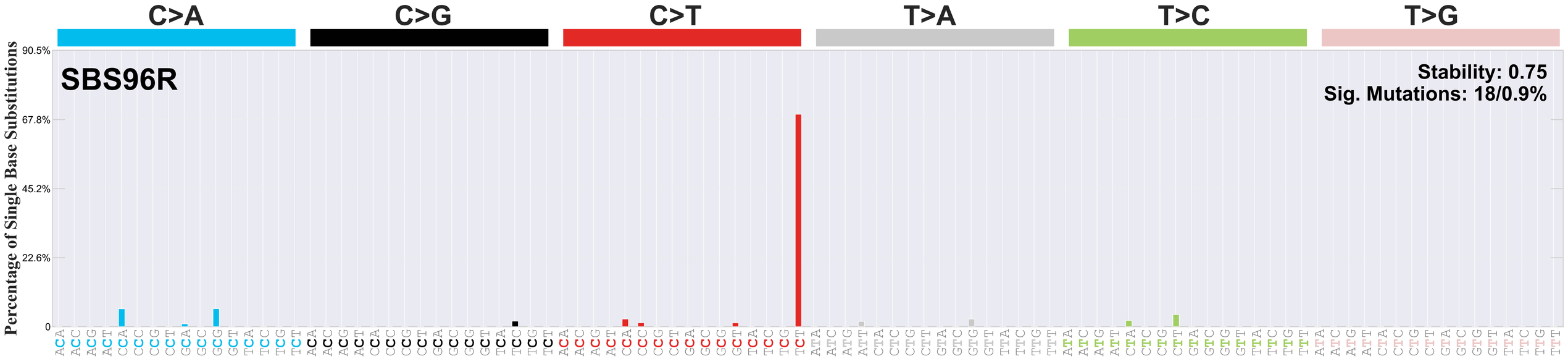

C>A
C>G
C>T
T>A
T>C
T>G
SBS96M
Stability: 0.09
Sig. Mutations: 38/1.9%
Percentage of Single Base Substitutions
28.1%
21.1%
14.1%
7.0%
0
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC 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

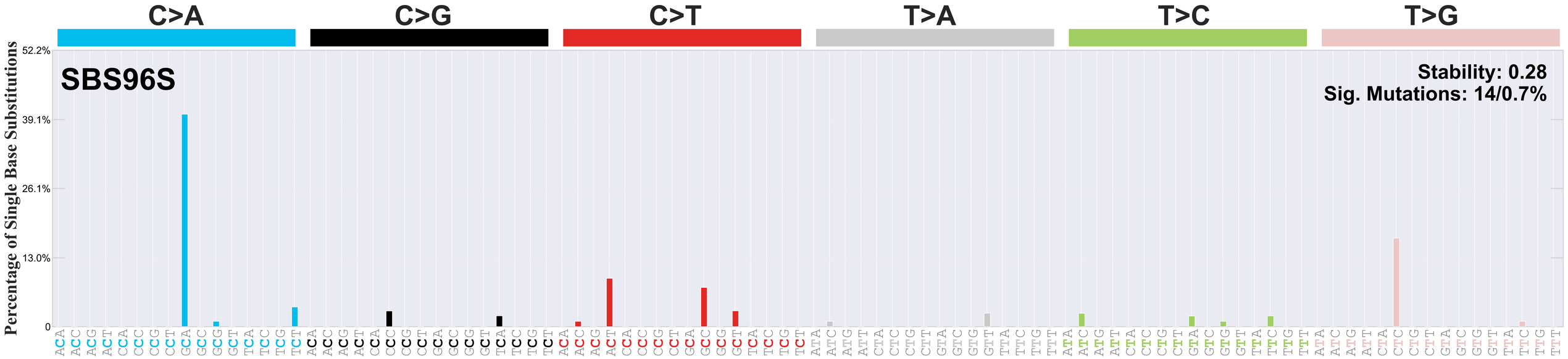

C>A
C>G
C>T
T>A
T>C
T>G
SBS96N
Stability: -0.02
Sig. Mutations: 34/1.7%
Percentage of Single Base Substitutions
19.5%
14.7%
9.8%
4.9%
0

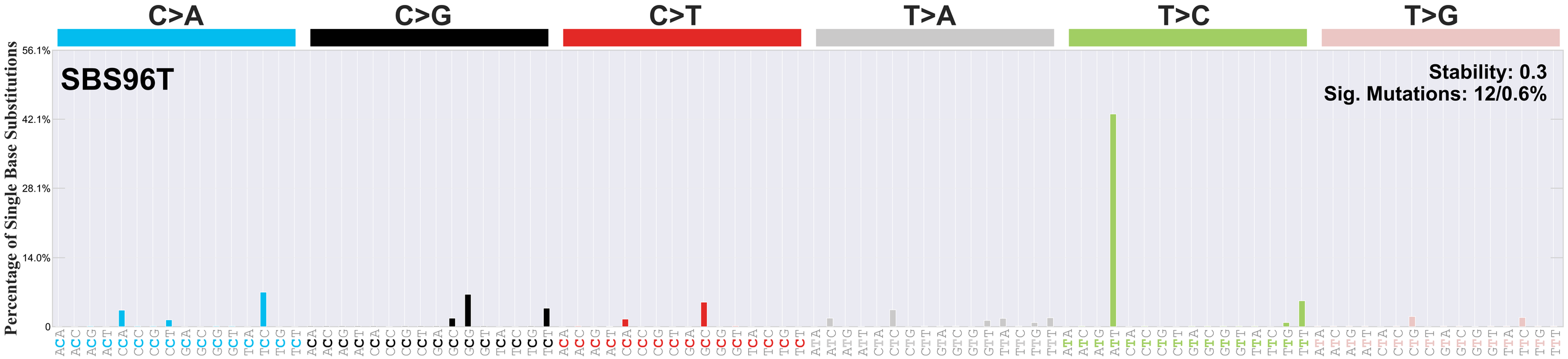

C>A
C>G
C>T
T>A
T>C
T>G
SBS96O
Stability: 0.03
Sig. Mutations: 30/1.5%
Percentage of Single Base Substitutions
21.3%
15.9%
10.6%
5.3%
0
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC 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

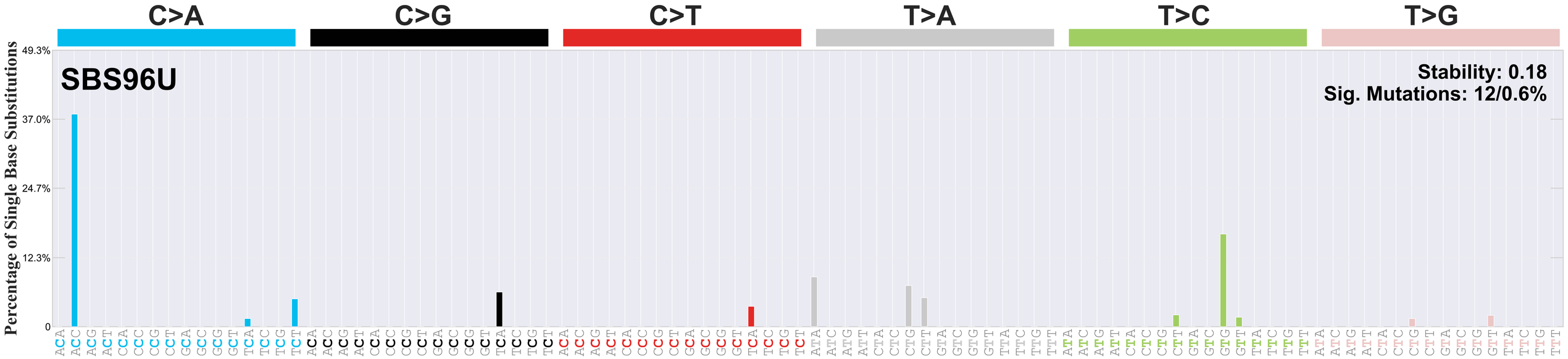

C>A
C>G
C>T
T>A
T>C
T>G
SBS96P
Stability: 0.16
Sig. Mutations: 23/1.2%
Percentage of Single Base Substitutions
47.9%
35.9%
23.9%
12.0%
0

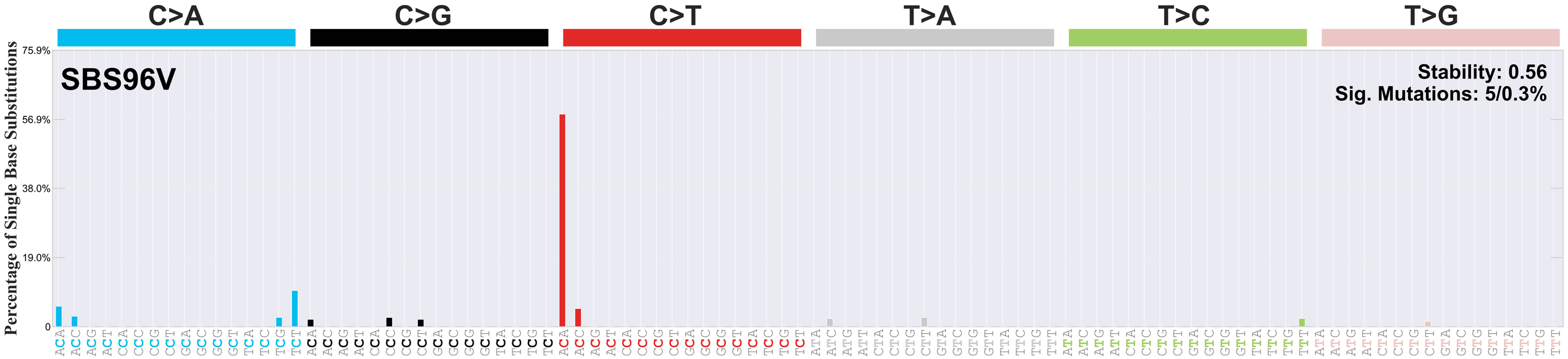

C>A
C>G
C>T
T>A
T>C
T>G
SBS96Q
Stability: 0.27
Sig. Mutations: 21/1.1%
Percentage of Single Base Substitutions
47.1%
35.3%
23.5%
11.8%
0
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA 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

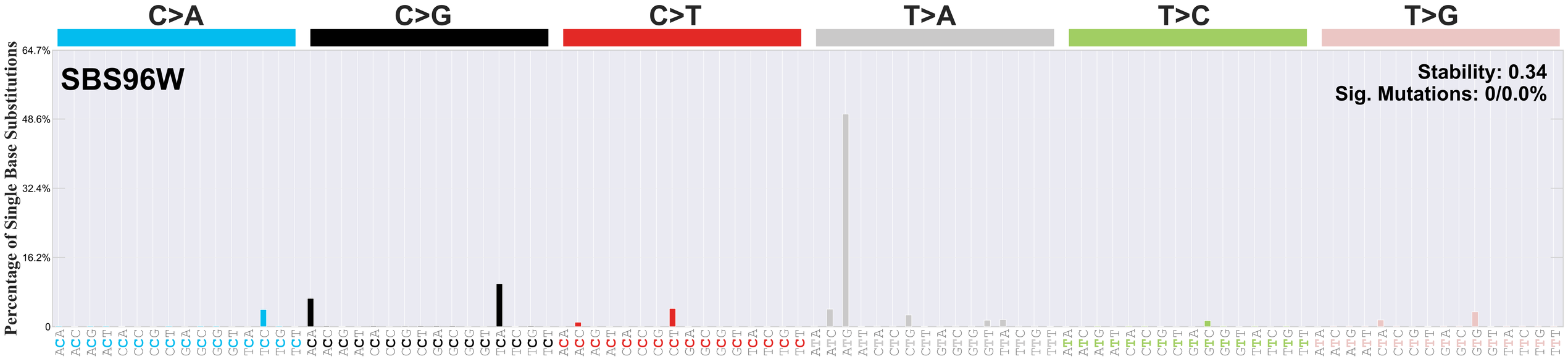

C>A
C>G
C>T
T>A
T>C
T>G
SBS96R
Stability: 0.75
Sig. Mutations: 18/0.9%
Percentage of Single Base Substitutions
90.5%
67.8%
45.2%
22.6%
0


C>A
C>G
C>T
T>A
T>C
T>G
SBS96S
Stability: 0.28
Sig. Mutations: 14/0.7%
Percentage of Single Base Substitutions
52.2%
39.1%
26.1%
13.0%
0


C>A
C>G
C>T
T>A
T>C
T>G
SBS96T
Stability: 0.3
Sig. Mutations: 12/0.6%
Percentage of Single Base Substitutions
56.1%
42.1%
28.1%
14.0%
0


C>A
C>G
C>T
T>A
T>C
T>G
SBS96U
Stability: 0.18
Sig. Mutations: 12/0.6%
Percentage of Single Base Substitutions
49.3%
37.0%
24.7%
12.3%
0


C>A
C>G
C>T
T>A
T>C
T>G
SBS96V
Stability: 0.56
Sig. Mutations: 5/0.3%
Percentage of Single Base Substitutions
75.9%
56.9%
38.0%
19.0%
0


C>A
C>G
C>T
T>A
T>C
T>G
SBS96W
Stability: 0.34
Sig. Mutations: 0/0.0%
Percentage of Single Base Substitutions
64.7%
48.6%
32.4%
16.2%
0