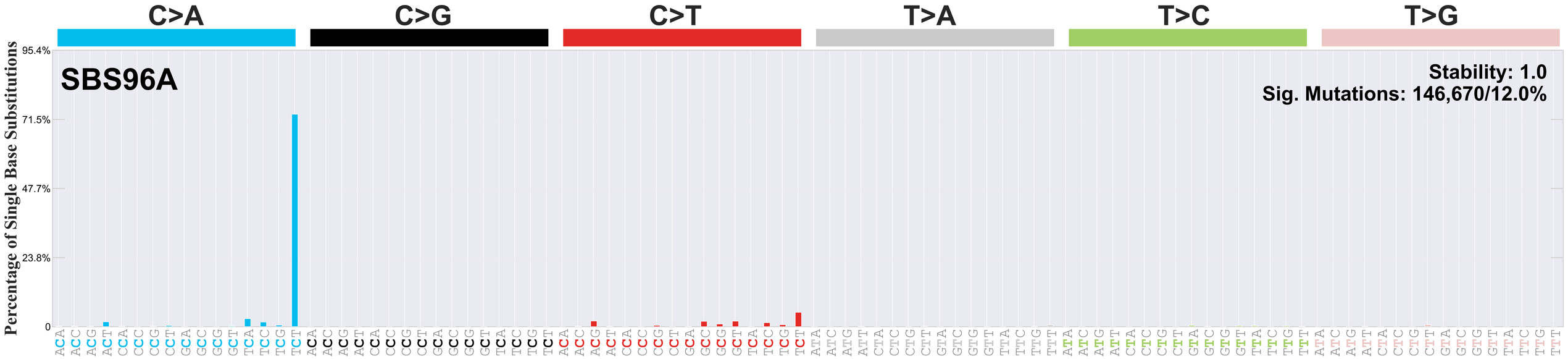
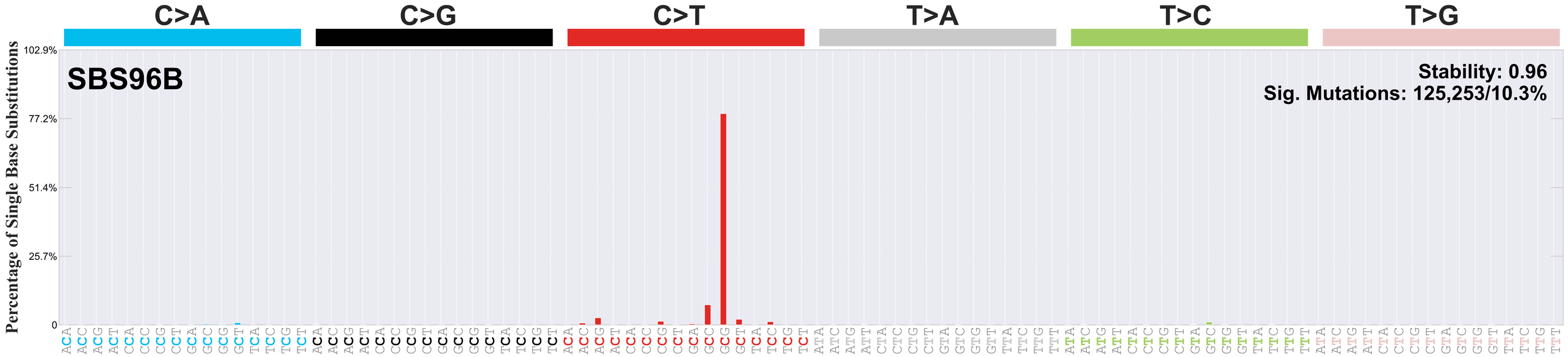
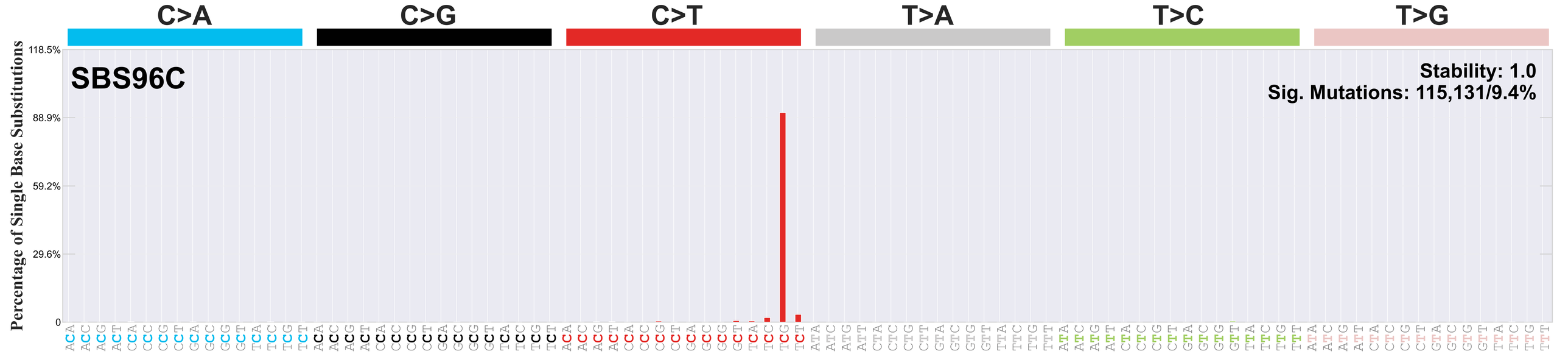
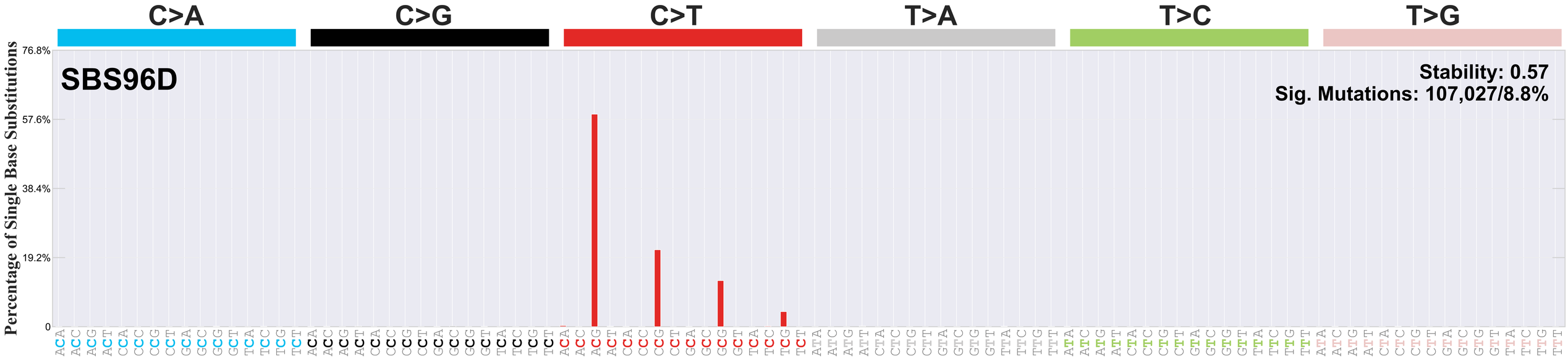
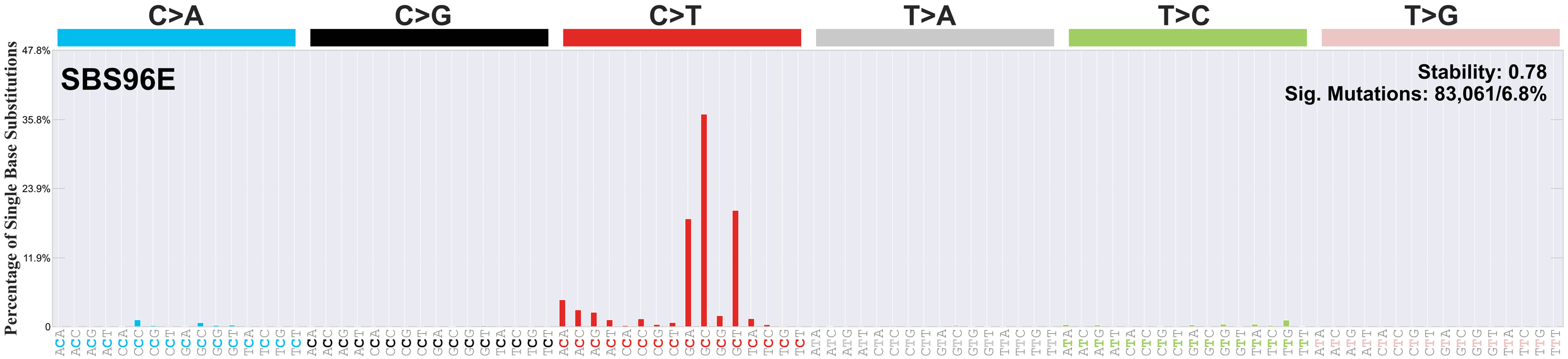
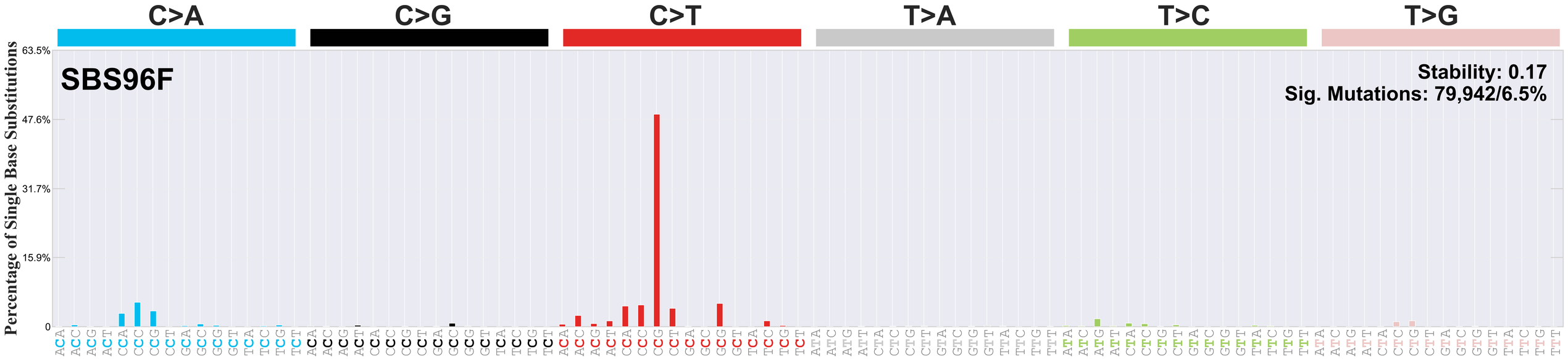

C>A
C>G
C>T
T>A
T>C
T>G
SBS96A
Stability: 1.0
Sig. Mutations: 146,670/12.0%
Percentage of Single Base Substitutions
95.4%
71.5%
47.7%
23.8%
0

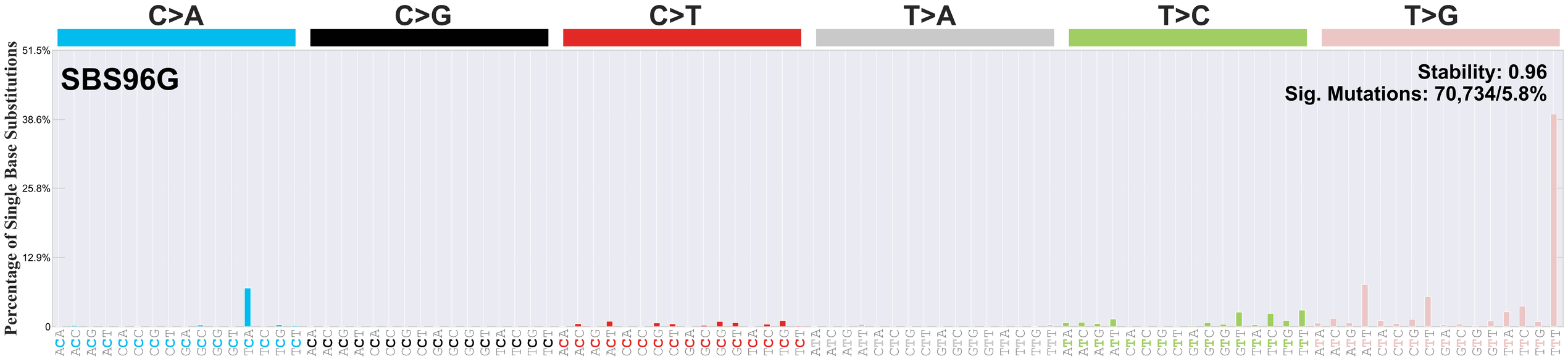

C>A
C>G
C>T
T>A
T>C
T>G
SBS96B
Stability: 0.96
Sig. Mutations: 125,253/10.3%
Percentage of Single Base Substitutions
102.9%
77.2%
51.4%
25.7%
0

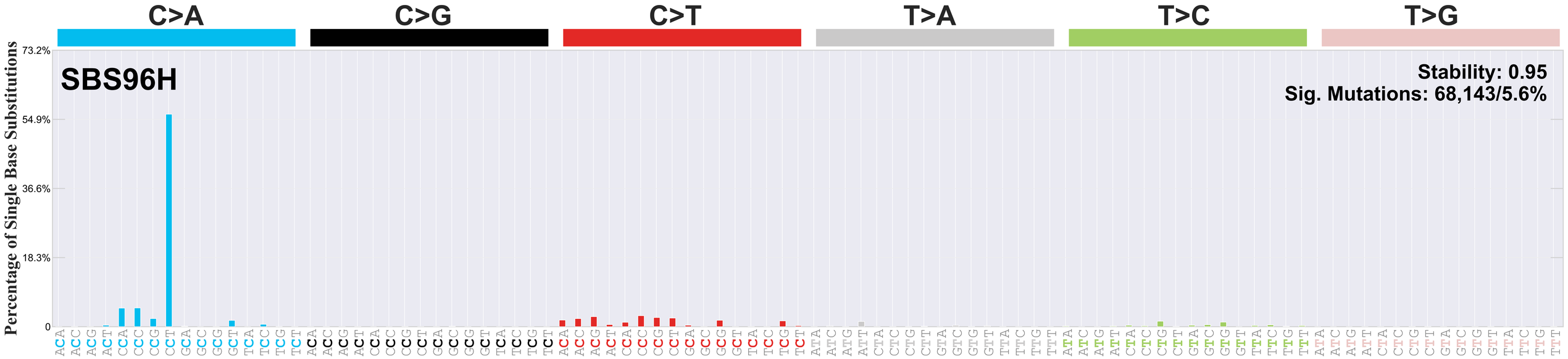

C>A
C>G
C>T
T>A
T>C
T>G
SBS96C
Stability: 1.0
Sig. Mutations: 115,131/9.4%
Percentage of Single Base Substitutions
118.5%
88.9%
59.2%
29.6%
0

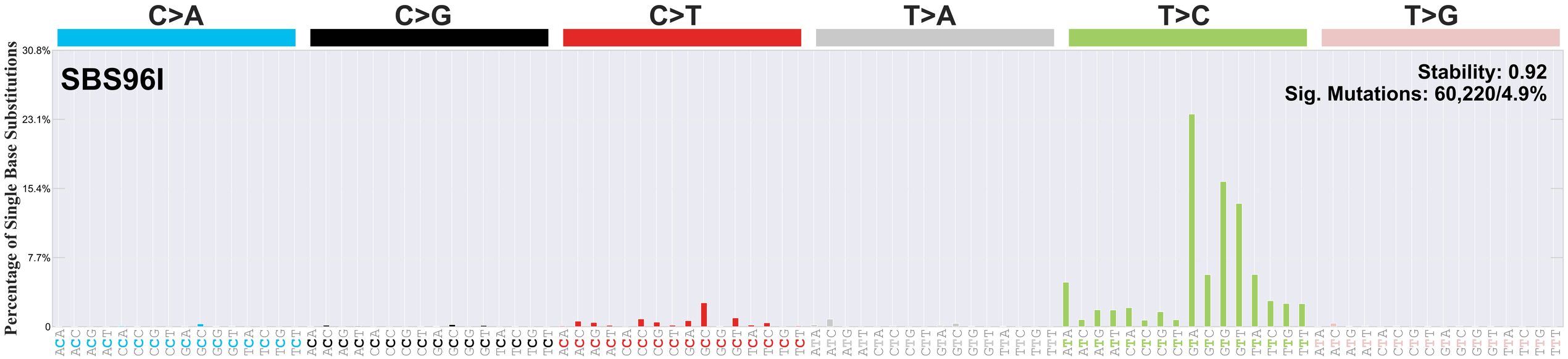

C>A
C>G
C>T
T>A
T>C
T>G
SBS96D
Stability: 0.57
Sig. Mutations: 107,027/8.8%
Percentage of Single Base Substitutions
76.8%
57.6%
38.4%
19.2%
0

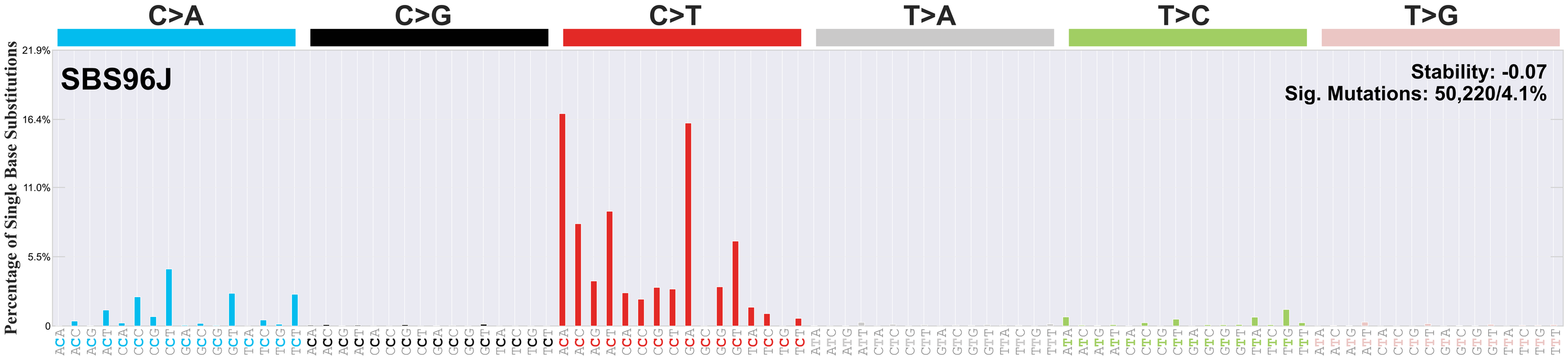

C>A
C>G
C>T
T>A
T>C
T>G
SBS96E
Stability: 0.78
Sig. Mutations: 83,061/6.8%
Percentage of Single Base Substitutions
47.8%
35.8%
23.9%
11.9%
0

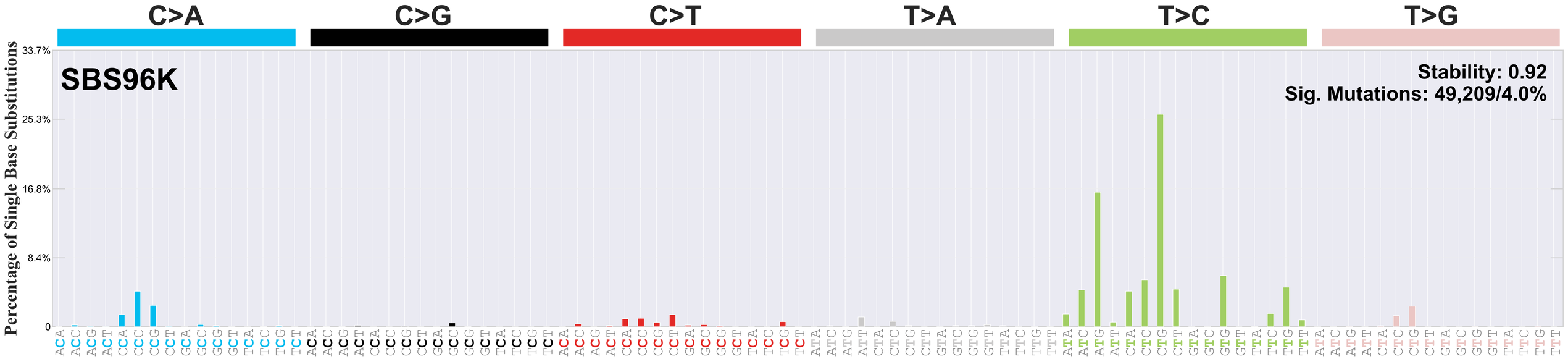

C>A
C>G
C>T
T>A
T>C
T>G
SBS96F
Stability: 0.17
Sig. Mutations: 79,942/6.5%
Percentage of Single Base Substitutions
63.5%
47.6%
31.7%
15.9%
0

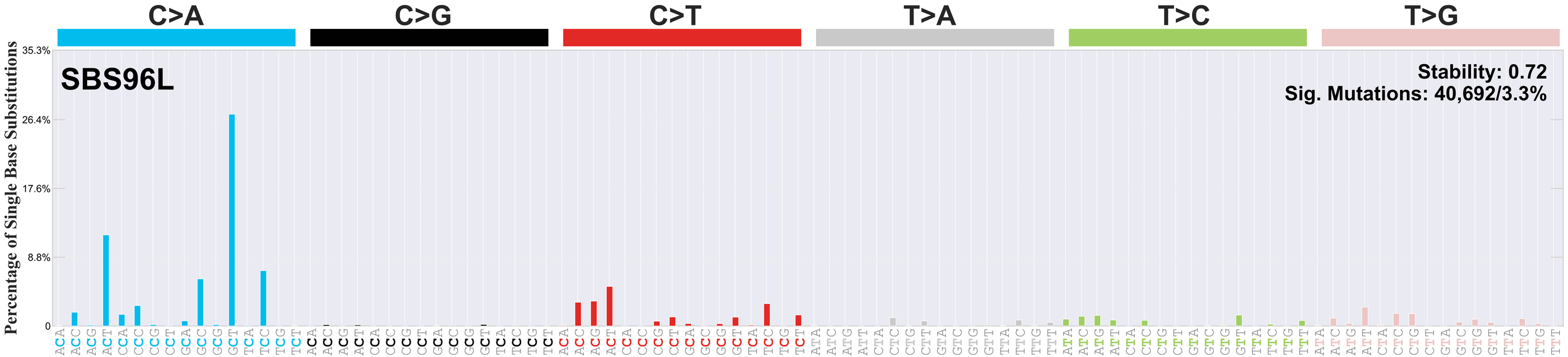

C>A
C>G
C>T
T>A
T>C
T>G
SBS96G
Stability: 0.96
Sig. Mutations: 70,734/5.8%
Percentage of Single Base Substitutions
51.5%
38.6%
25.8%
12.9%
0

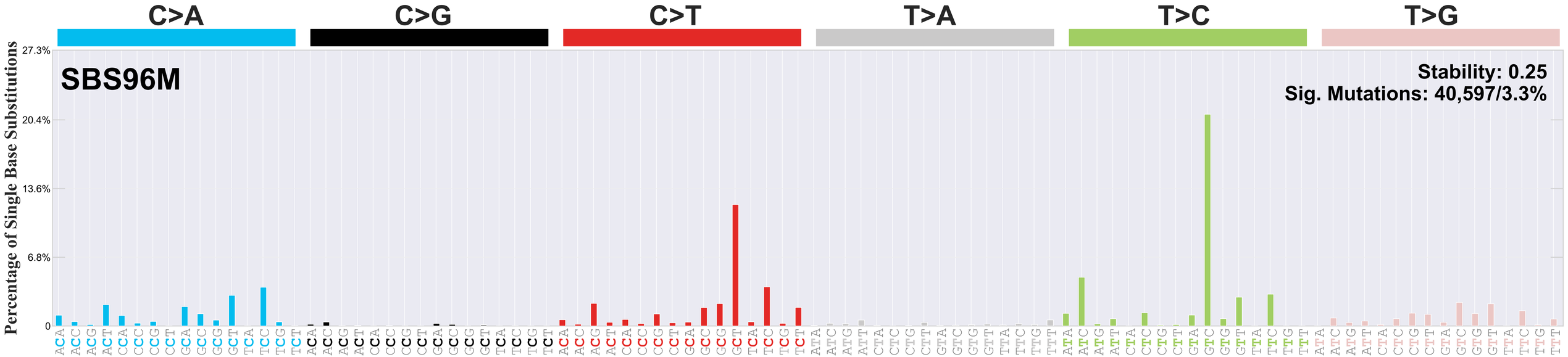

C>A
C>G
C>T
T>A
T>C
T>G
SBS96H
Stability: 0.95
Sig. Mutations: 68,143/5.6%
Percentage of Single Base Substitutions
73.2%
54.9%
36.6%
18.3%
0

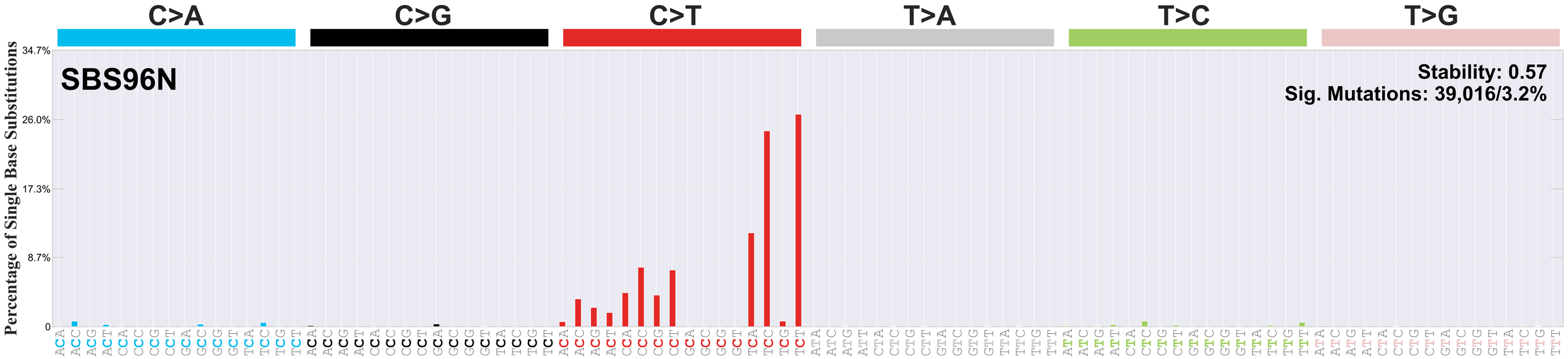

C>A
C>G
C>T
T>A
T>C
T>G
SBS96I
Stability: 0.92
Sig. Mutations: 60,220/4.9%
Percentage of Single Base Substitutions
30.8%
23.1%
15.4%
7.7%
0

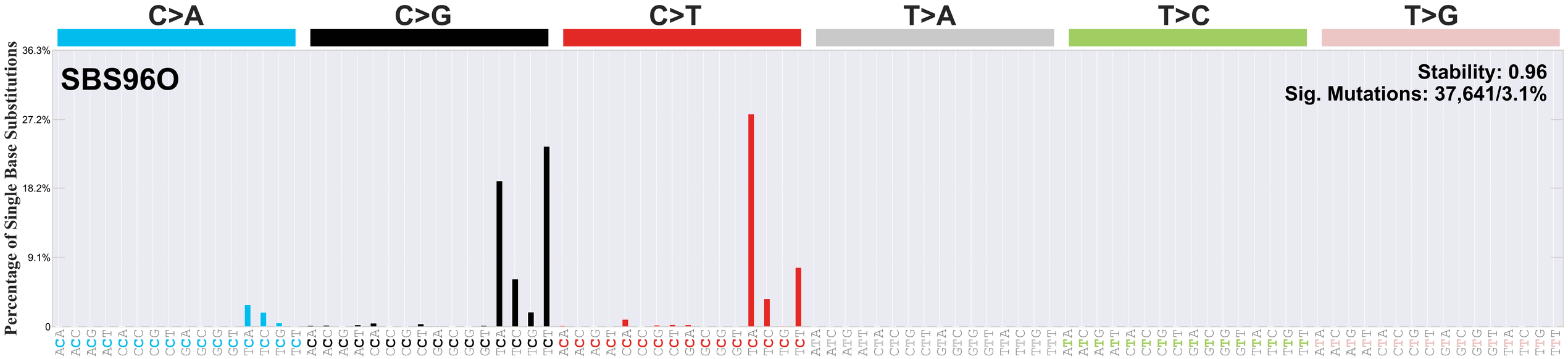

C>A
C>G
C>T
T>A
T>C
T>G
SBS96J
Stability: -0.07
Sig. Mutations: 50,220/4.1%
Percentage of Single Base Substitutions
21.9%
16.4%
11.0%
5.5%
0

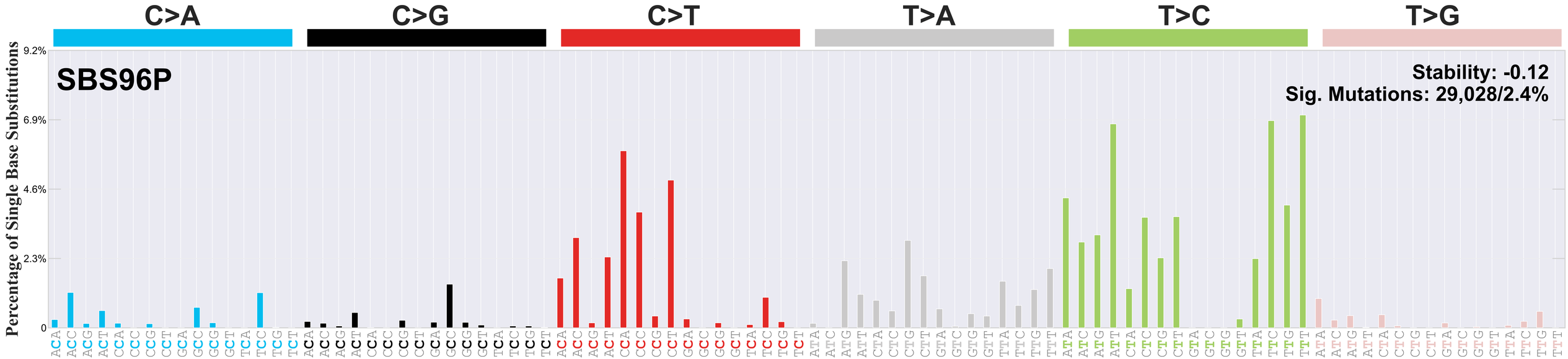

C>A
C>G
C>T
T>A
T>C
T>G
SBS96K
Stability: 0.92
Sig. Mutations: 49,209/4.0%
Percentage of Single Base Substitutions
33.7%
25.3%
16.8%
8.4%
0


C>A
C>G
C>T
T>A
T>C
T>G
SBS96L
Stability: 0.72
Sig. Mutations: 40,692/3.3%
Percentage of Single Base Substitutions
35.3%
26.4%
17.6%
8.8%
0


C>A
C>G
C>T
T>A
T>C
T>G
SBS96M
Stability: 0.25
Sig. Mutations: 40,597/3.3%
Percentage of Single Base Substitutions
27.3%
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


C>A
C>G
C>T
T>A
T>C
T>G
SBS96N
Stability: 0.57
Sig. Mutations: 39,016/3.2%
Percentage of Single Base Substitutions
34.7%
26.0%
17.3%
8.7%
0


C>A
C>G
C>T
T>A
T>C
T>G
SBS96O
Stability: 0.96
Sig. Mutations: 37,641/3.1%
Percentage of Single Base Substitutions
36.3%
27.2%
18.2%
9.1%
0


C>A
C>G
C>T
T>A
T>C
T>G
SBS96P
Stability: -0.12
Sig. Mutations: 29,028/2.4%
Percentage of Single Base Substitutions
9.2%
6.9%
4.6%
2.3%
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
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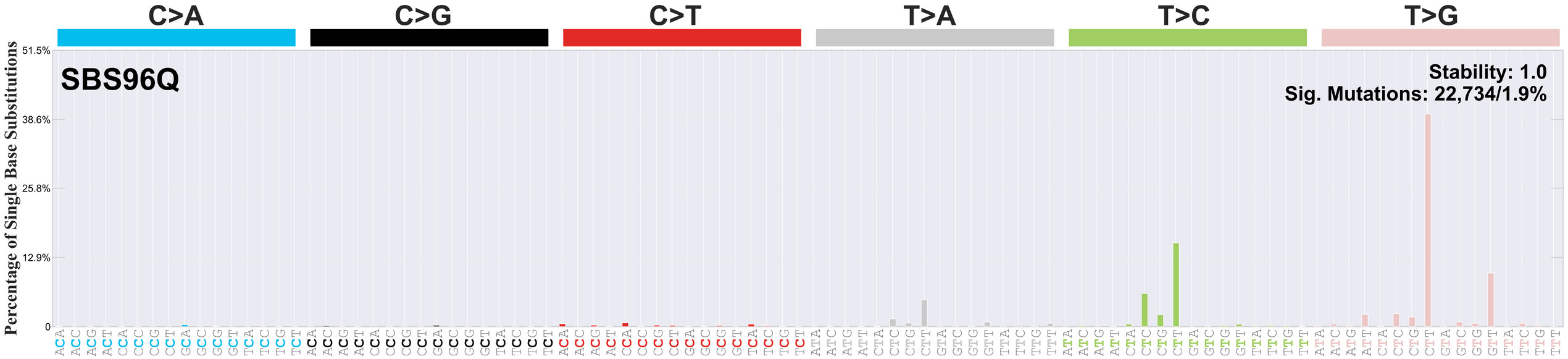
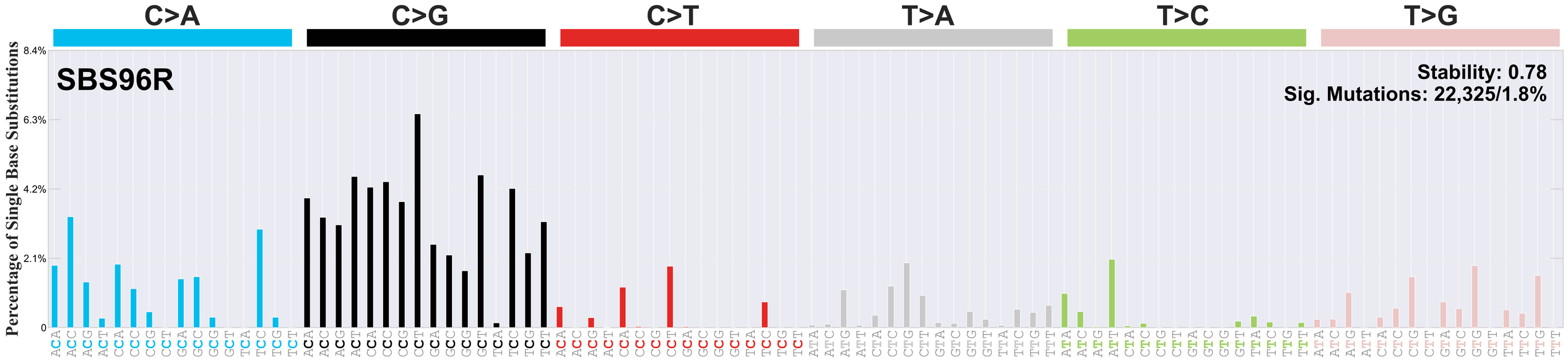
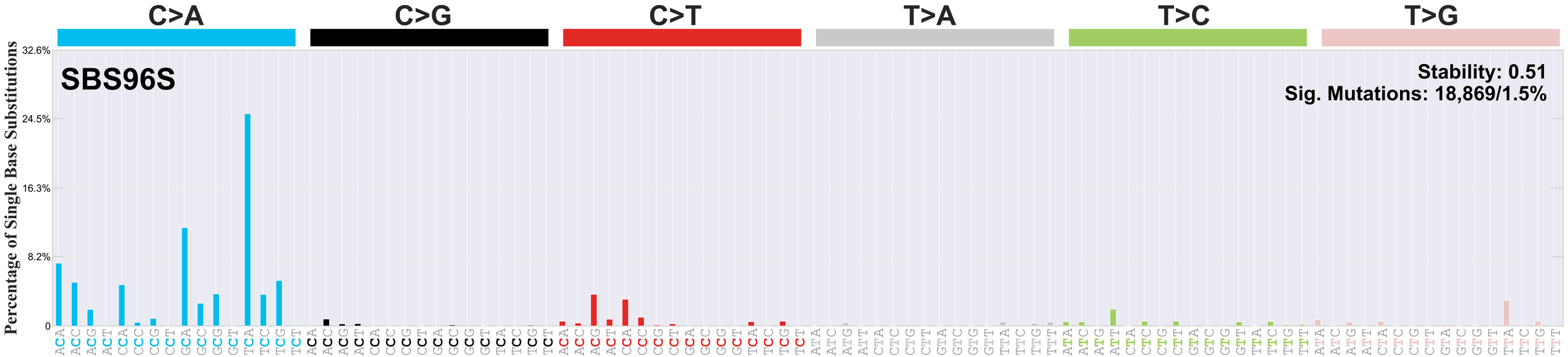
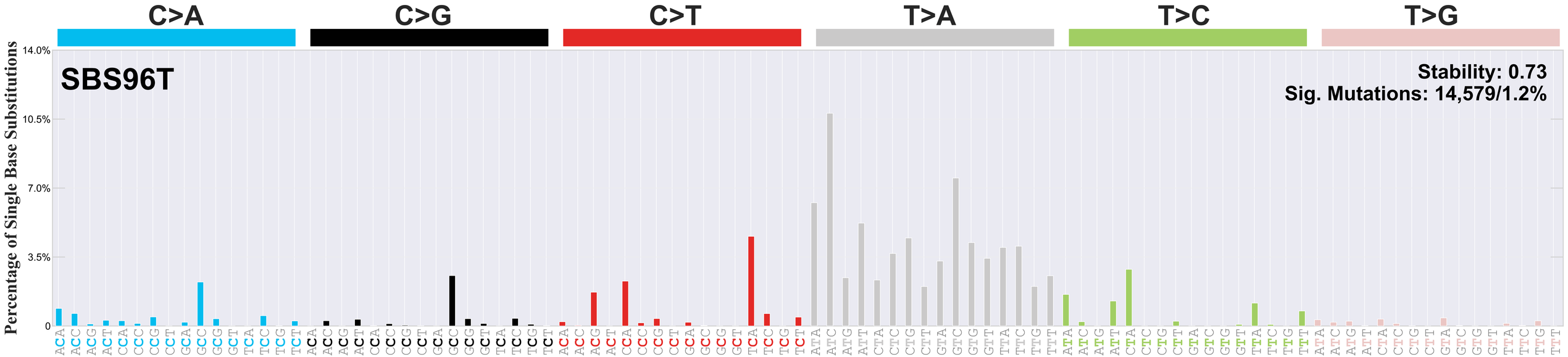

C>A
C>G
C>T
T>A
T>C
T>G
SBS96Q
Stability: 1.0
Sig. Mutations: 22,734/1.9%
Percentage of Single Base Substitutions
51.5%
38.6%
25.8%
12.9%
0


C>A
C>G
C>T
T>A
T>C
T>G
SBS96R
Stability: 0.78
Sig. Mutations: 22,325/1.8%
Percentage of Single Base Substitutions
8.4%
6.3%
4.2%
2.1%
0


C>A
C>G
C>T
T>A
T>C
T>G
SBS96S
Stability: 0.51
Sig. Mutations: 18,869/1.5%
Percentage of Single Base Substitutions
32.6%
24.5%
16.3%
8.2%
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 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: 0.73
Sig. Mutations: 14,579/1.2%
Percentage of Single Base Substitutions
14.0%
10.5%
7.0%
3.5%
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