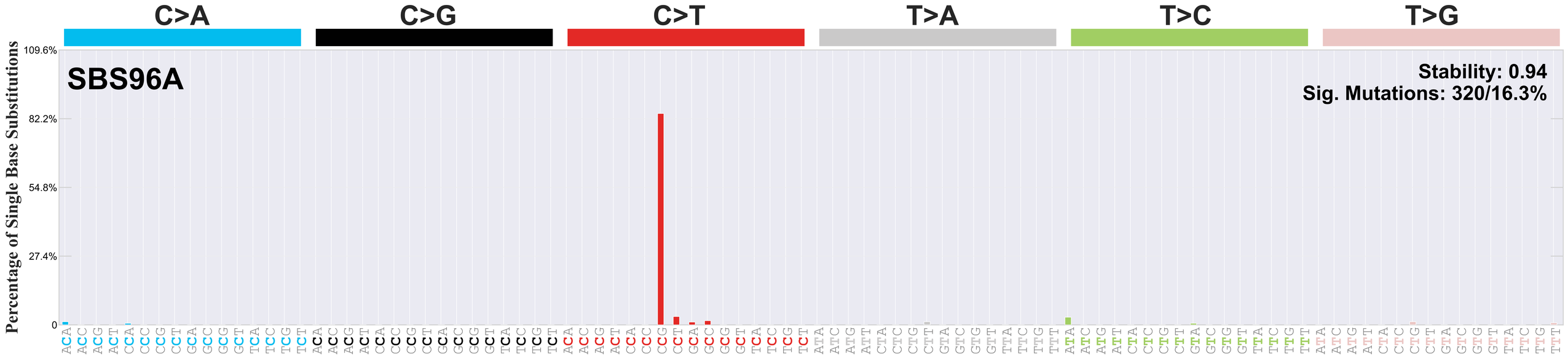
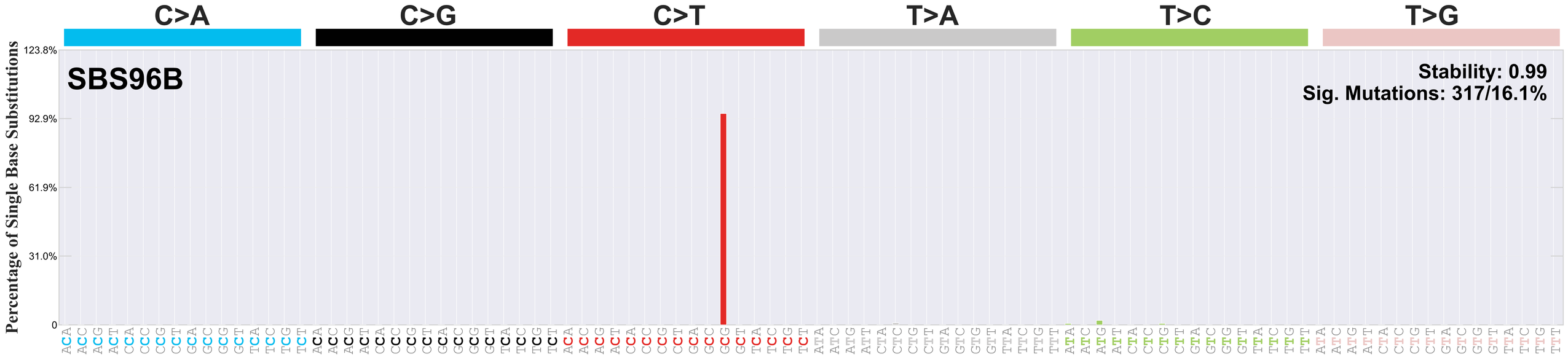
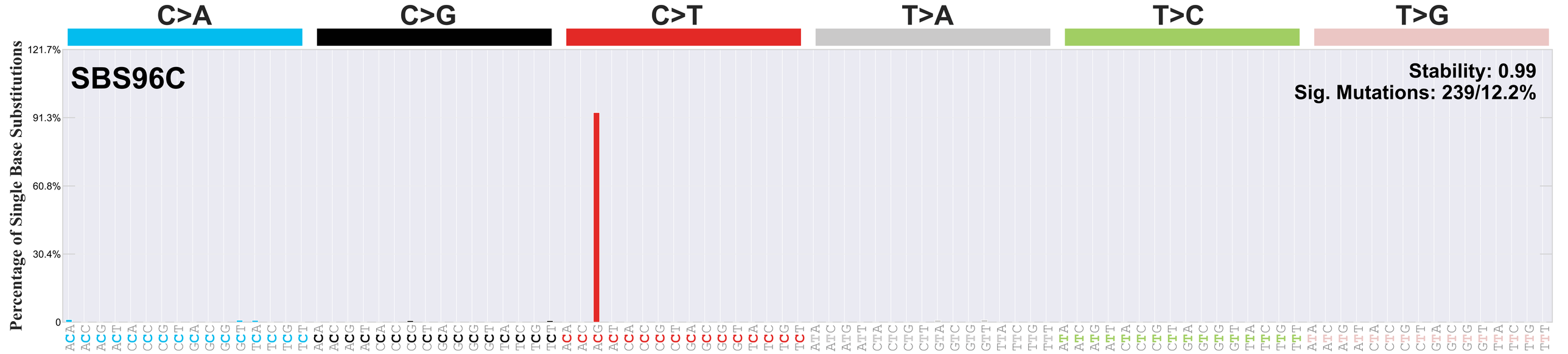
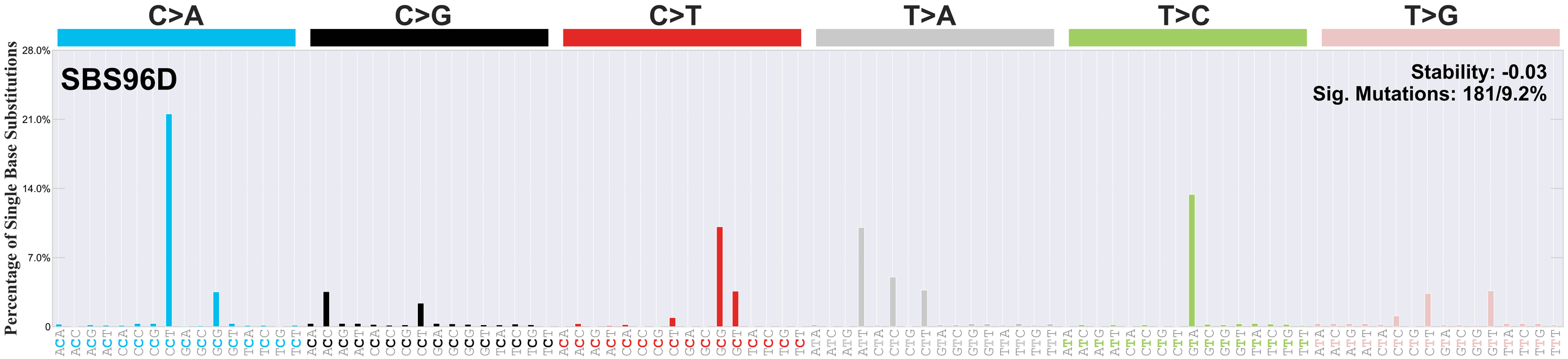
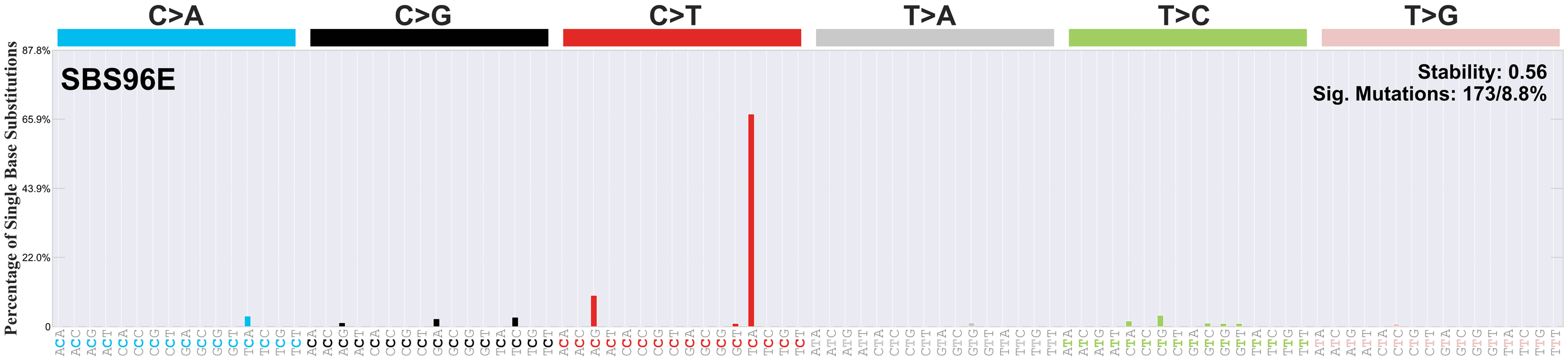
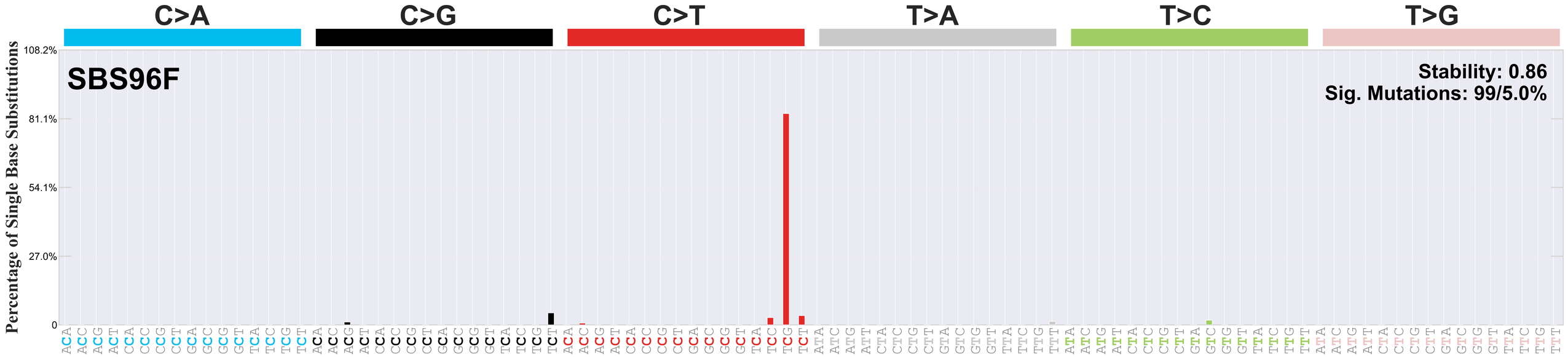

C>A
C>G
C>T
T>A
T>C
T>G
SBS96A
Stability: 0.94
Sig. Mutations: 320/16.3%
Percentage of Single Base Substitutions
109.6%
82.2%
54.8%
27.4%
0

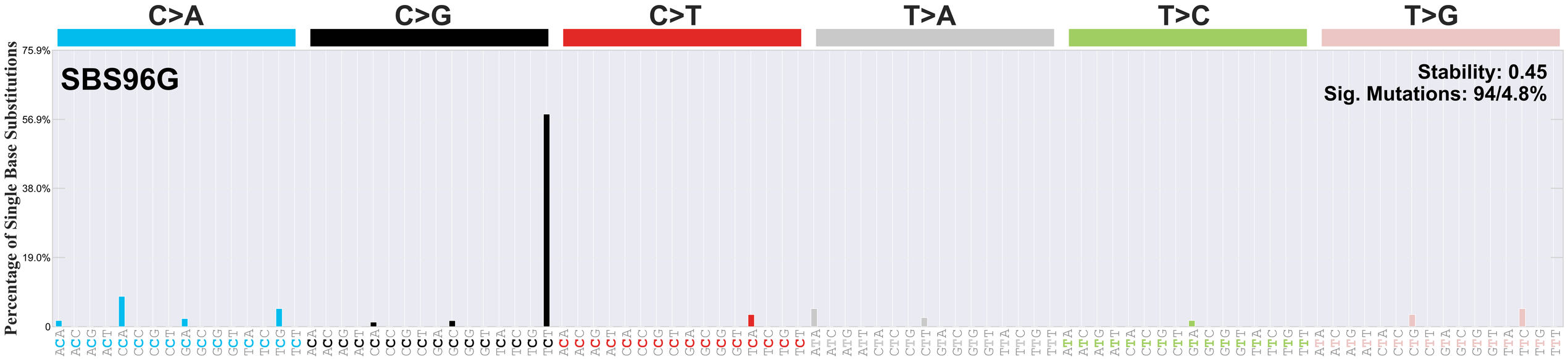

C>A
C>G
C>T
T>A
T>C
T>G
SBS96B
Stability: 0.99
Sig. Mutations: 317/16.1%
Percentage of Single Base Substitutions
123.8%
92.9%
61.9%
31.0%
0

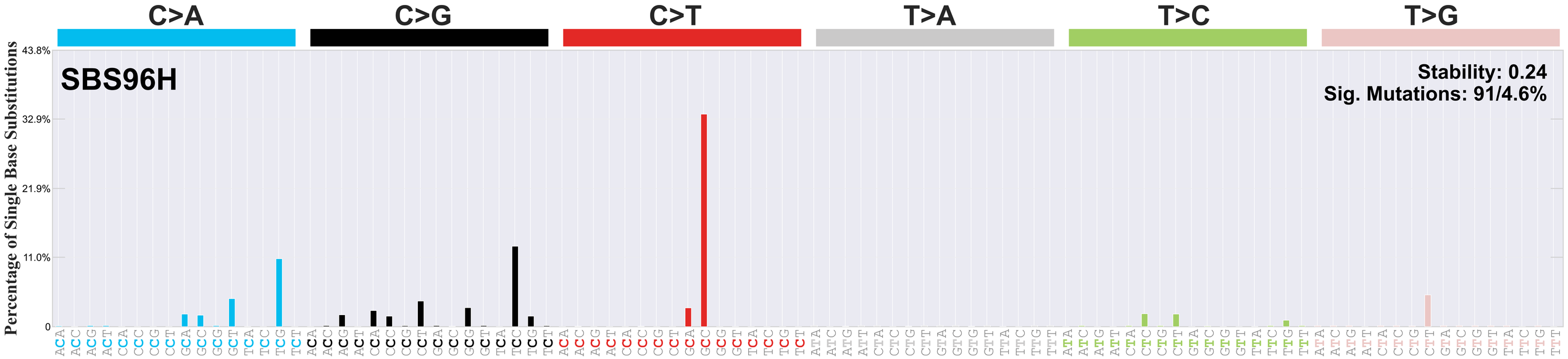

C>A
C>G
C>T
T>A
T>C
T>G
SBS96C
Stability: 0.99
Sig. Mutations: 239/12.2%
Percentage of Single Base Substitutions
121.7%
91.3%
60.8%
30.4%
0

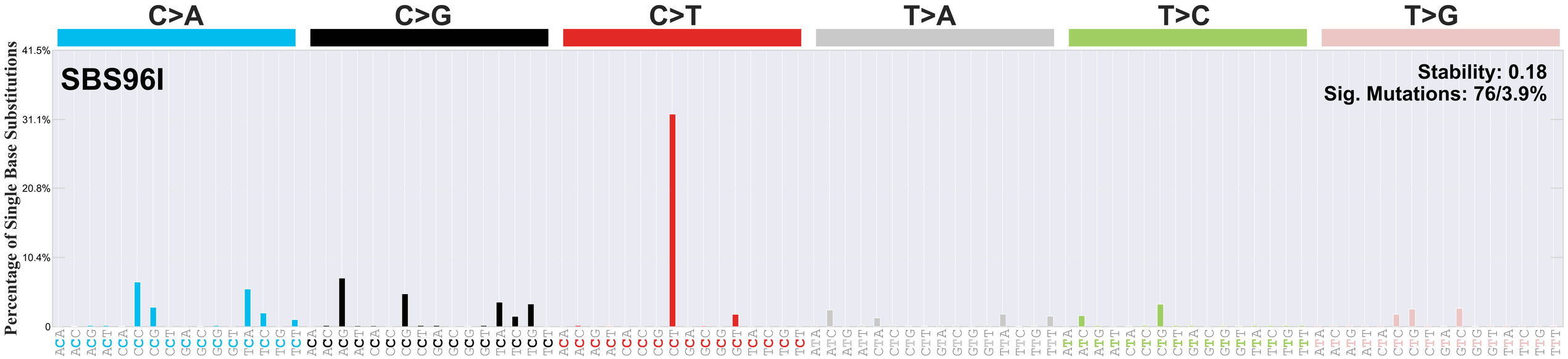

C>A
C>G
C>T
T>A
T>C
T>G
SBS96D
Stability: -0.03
Sig. Mutations: 181/9.2%
Percentage of Single Base Substitutions
28.0%
21.0%
14.0%
7.0%
0
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA 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

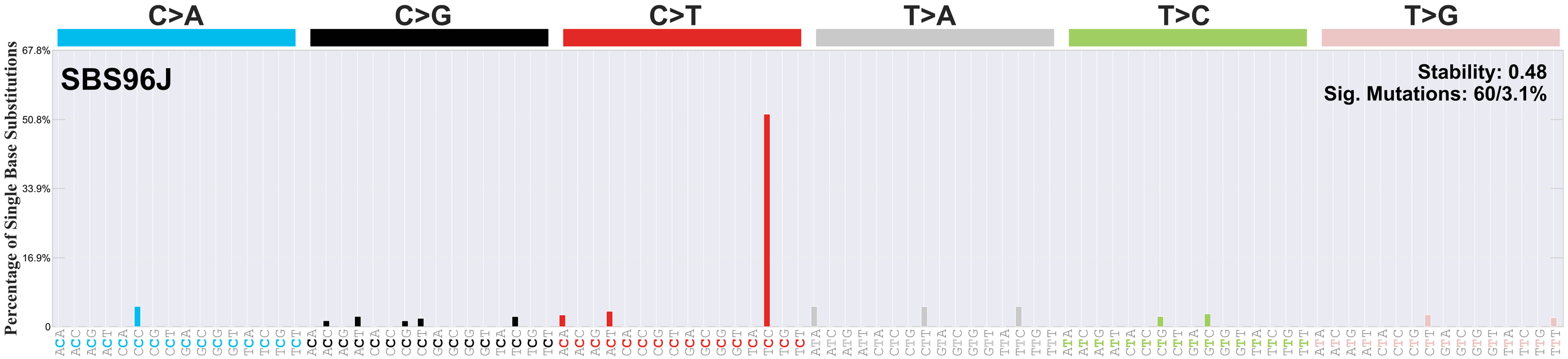

C>A
C>G
C>T
T>A
T>C
T>G
SBS96E
Stability: 0.56
Sig. Mutations: 173/8.8%
Percentage of Single Base Substitutions
87.8%
65.9%
43.9%
22.0%
0

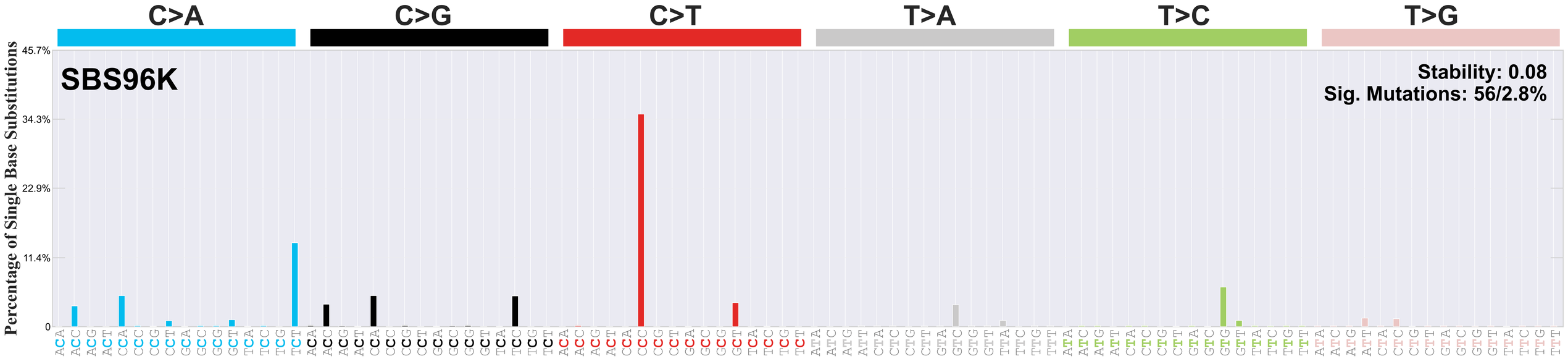

C>A
C>G
C>T
T>A
T>C
T>G
SBS96F
Stability: 0.86
Sig. Mutations: 99/5.0%
Percentage of Single Base Substitutions
108.2%
81.1%
54.1%
27.0%
0

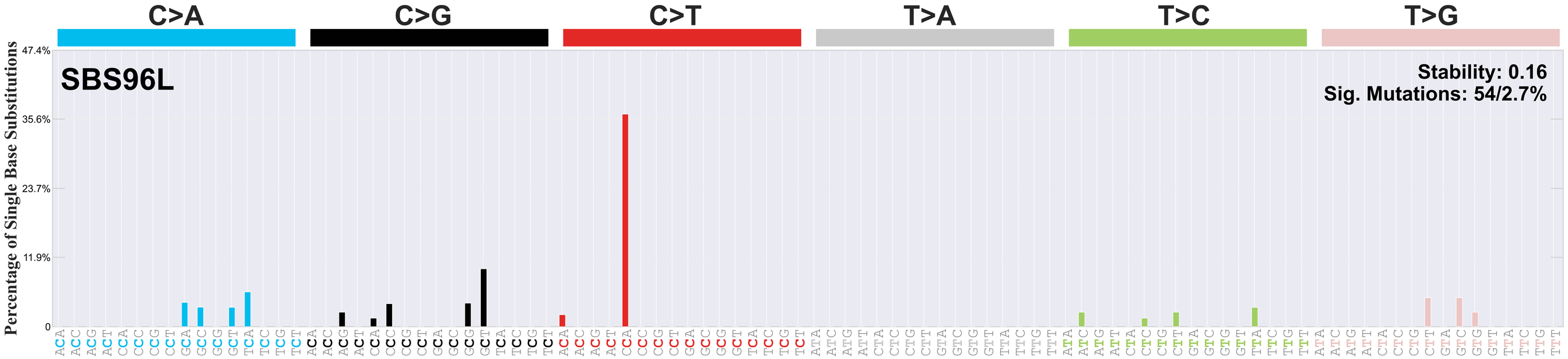

C>A
C>G
C>T
T>A
T>C
T>G
SBS96G
Stability: 0.45
Sig. Mutations: 94/4.8%
Percentage of Single Base Substitutions
75.9%
56.9%
38.0%
19.0%
0

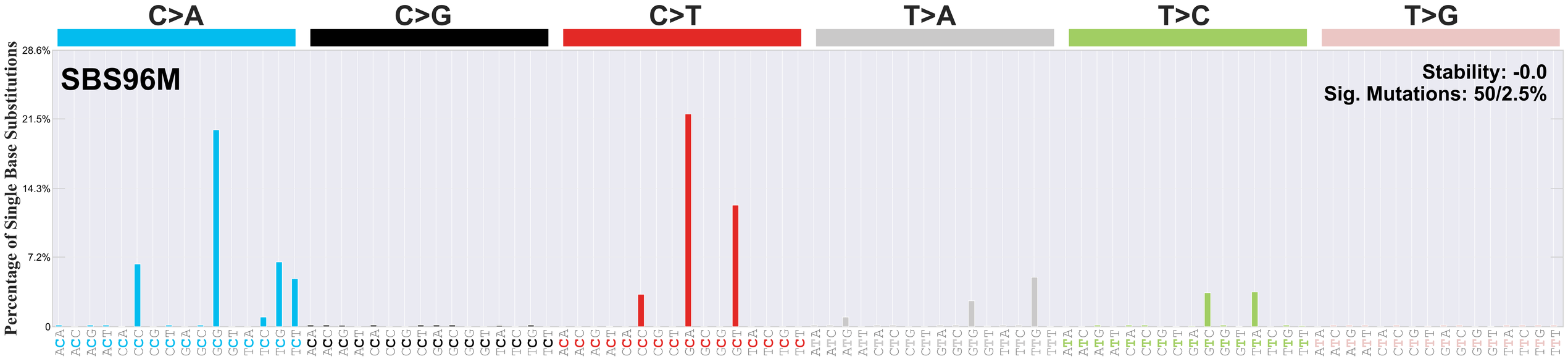

C>A
C>G
C>T
T>A
T>C
T>G
SBS96H
Stability: 0.24
Sig. Mutations: 91/4.6%
Percentage of Single Base Substitutions
43.8%
32.9%
21.9%
11.0%
0

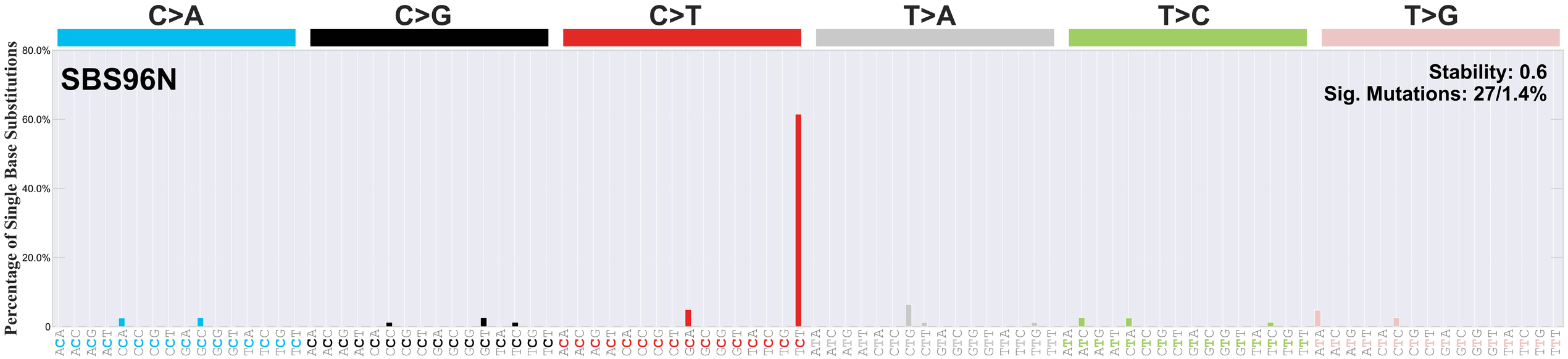

C>A
C>G
C>T
T>A
T>C
T>G
SBS96I
Stability: 0.18
Sig. Mutations: 76/3.9%
Percentage of Single Base Substitutions
41.5%
31.1%
20.8%
10.4%
0

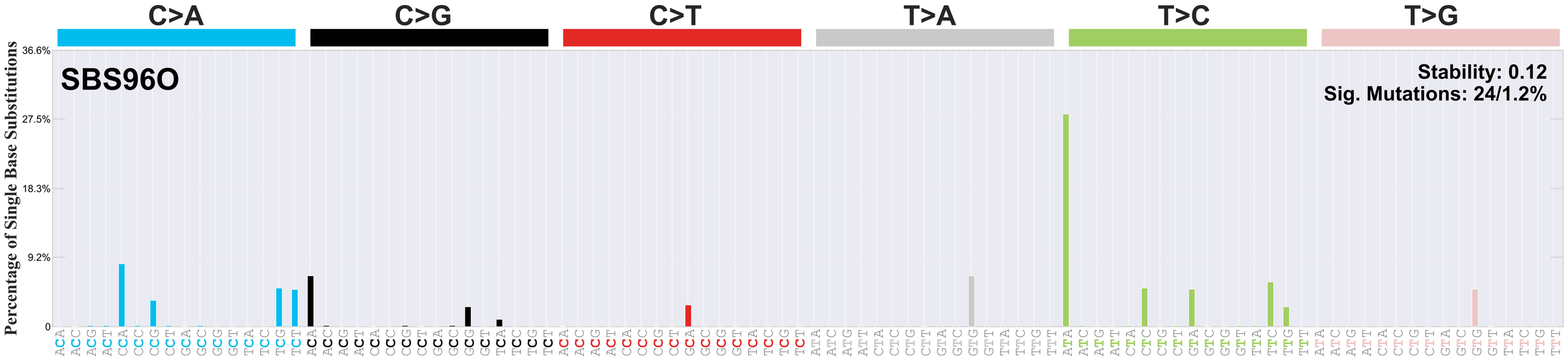

C>A
C>G
C>T
T>A
T>C
T>G
SBS96J
Stability: 0.48
Sig. Mutations: 60/3.1%
Percentage of Single Base Substitutions
67.8%
50.8%
33.9%
16.9%
0

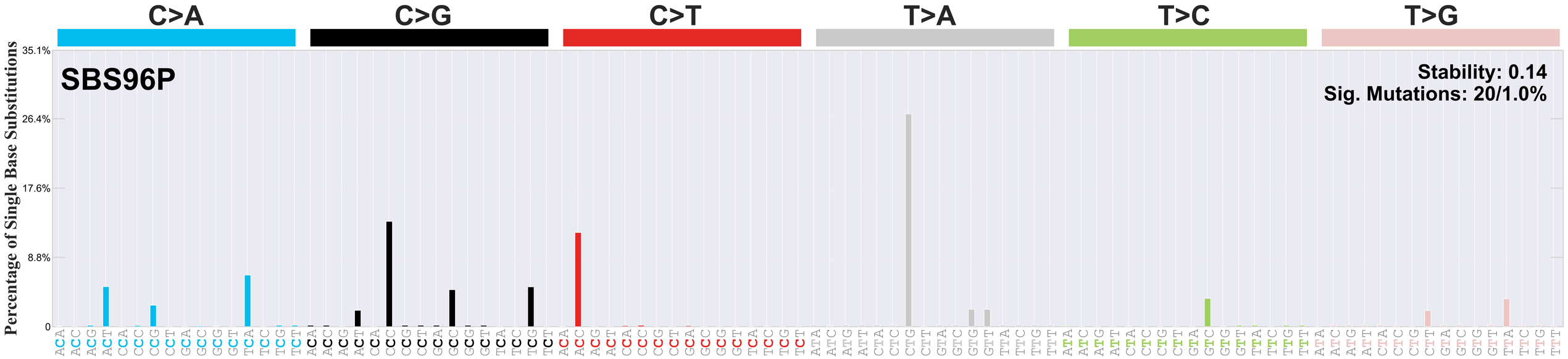

C>A
C>G
C>T
T>A
T>C
T>G
SBS96K
Stability: 0.08
Sig. Mutations: 56/2.8%
Percentage of Single Base Substitutions
45.7%
34.3%
22.9%
11.4%
0

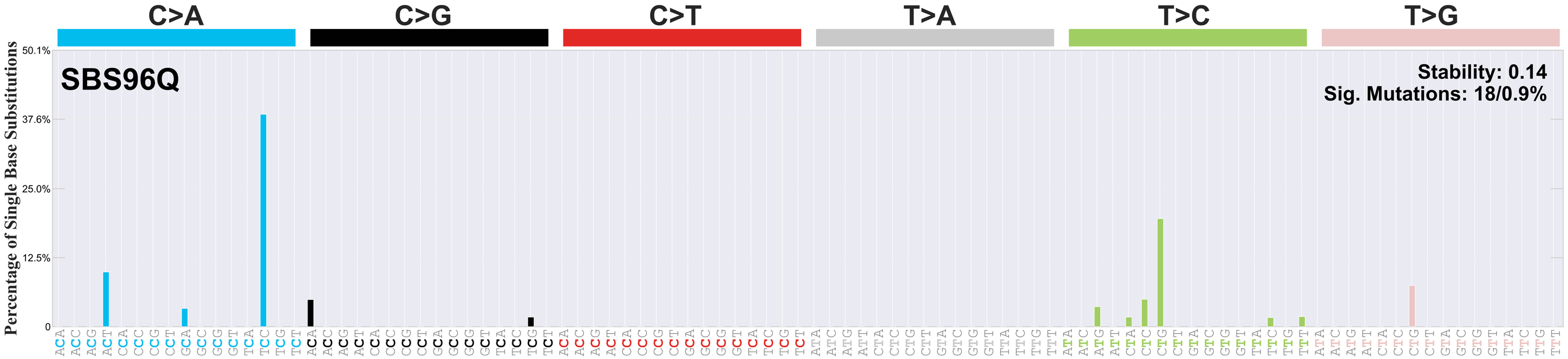

C>A
C>G
C>T
T>A
T>C
T>G
SBS96L
Stability: 0.16
Sig. Mutations: 54/2.7%
Percentage of Single Base Substitutions
47.4%
35.6%
23.7%
11.9%
0

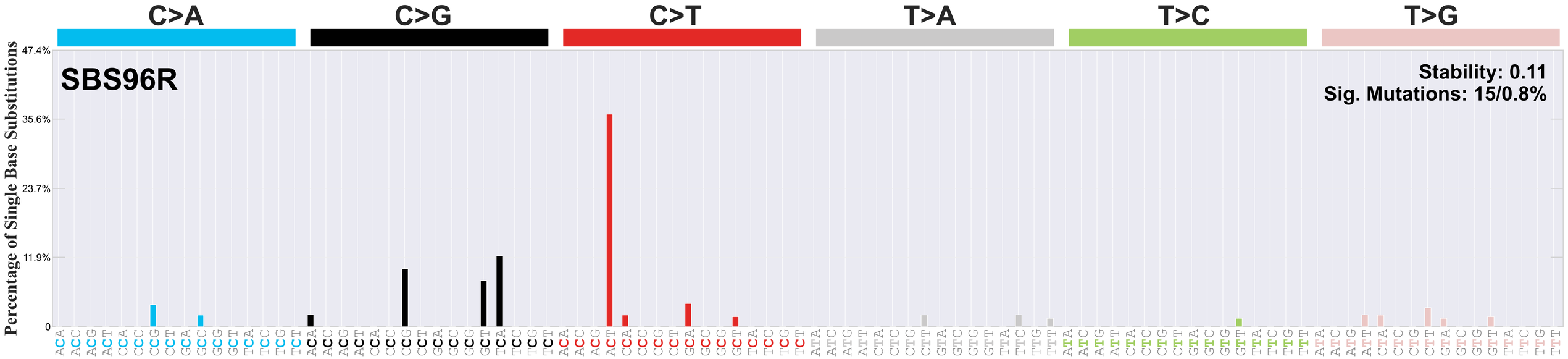

C>A
C>G
C>T
T>A
T>C
T>G
SBS96M
Stability: -0.0
Sig. Mutations: 50/2.5%
Percentage of Single Base Substitutions
28.6%
21.5%
14.3%
7.2%
0

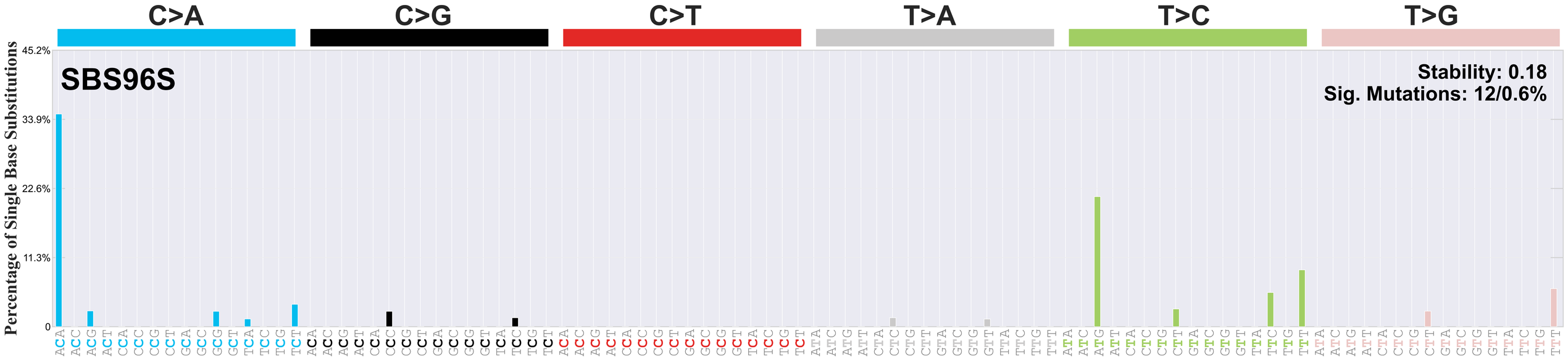

C>A
C>G
C>T
T>A
T>C
T>G
SBS96N
Stability: 0.6
Sig. Mutations: 27/1.4%
Percentage of Single Base Substitutions
80.0%
60.0%
40.0%
20.0%
0

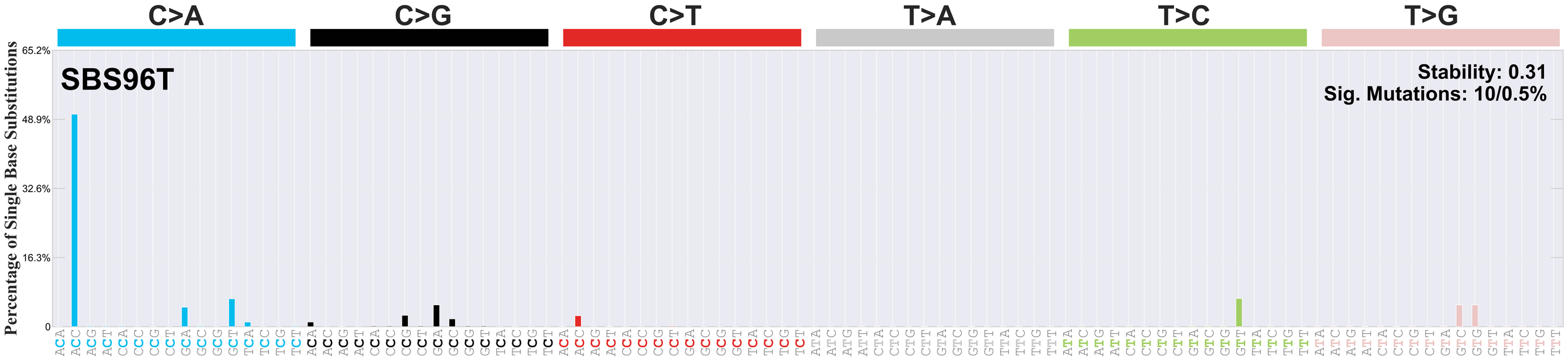

C>A
C>G
C>T
T>A
T>C
T>G
SBS96O
Stability: 0.12
Sig. Mutations: 24/1.2%
Percentage of Single Base Substitutions
36.6%
27.5%
18.3%
9.2%
0
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC 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 ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT

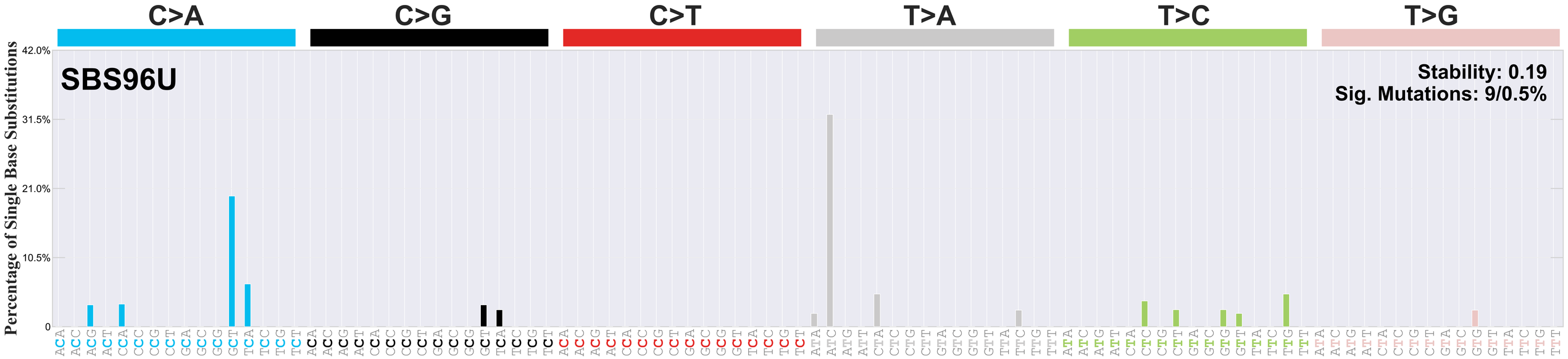

C>A
C>G
C>T
T>A
T>C
T>G
SBS96P
Stability: 0.14
Sig. Mutations: 20/1.0%
Percentage of Single Base Substitutions
35.1%
26.4%
17.6%
8.8%
0

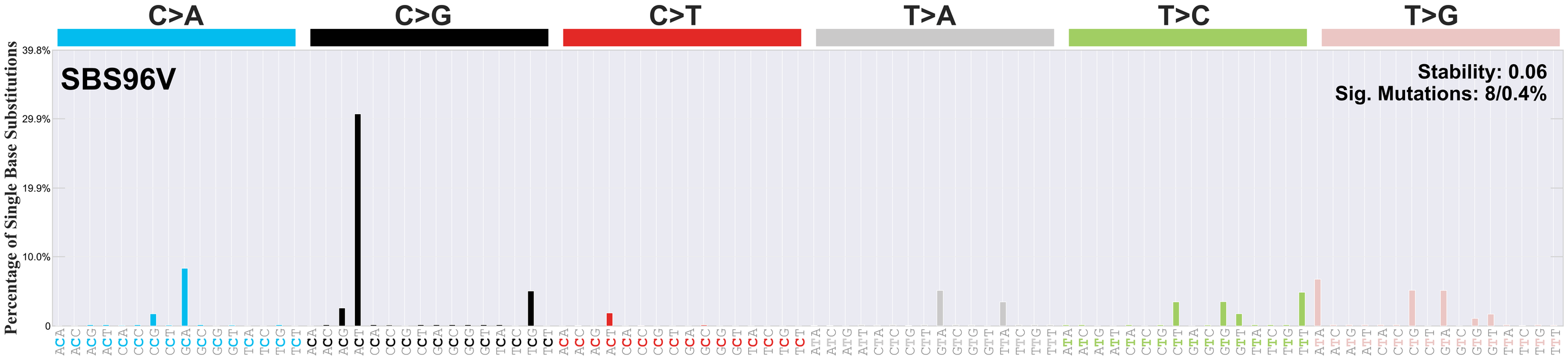

C>A
C>G
C>T
T>A
T>C
T>G
SBS96Q
Stability: 0.14
Sig. Mutations: 18/0.9%
Percentage of Single Base Substitutions
50.1%
37.6%
25.0%
12.5%
0

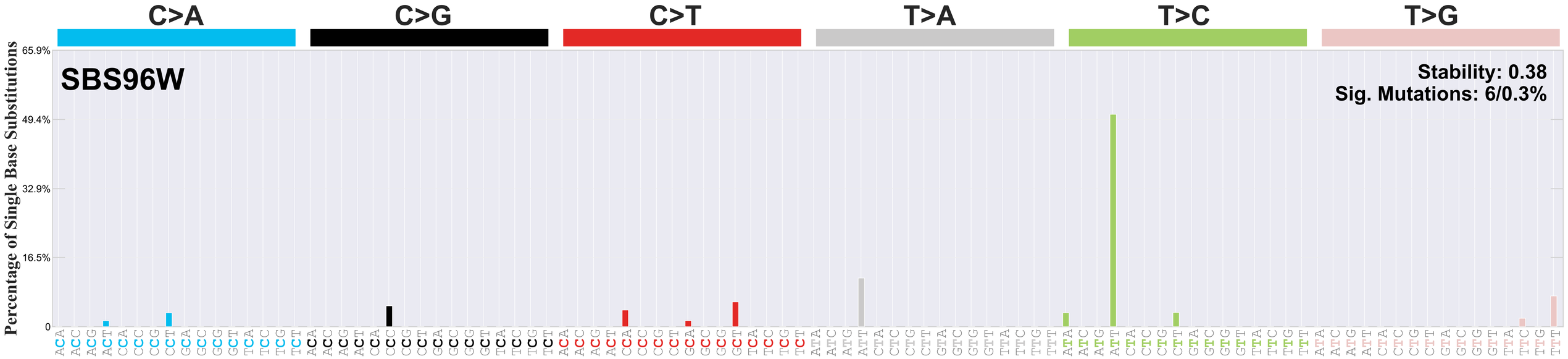

C>A
C>G
C>T
T>A
T>C
T>G
SBS96R
Stability: 0.11
Sig. Mutations: 15/0.8%
Percentage of Single Base Substitutions
47.4%
35.6%
23.7%
11.9%
0

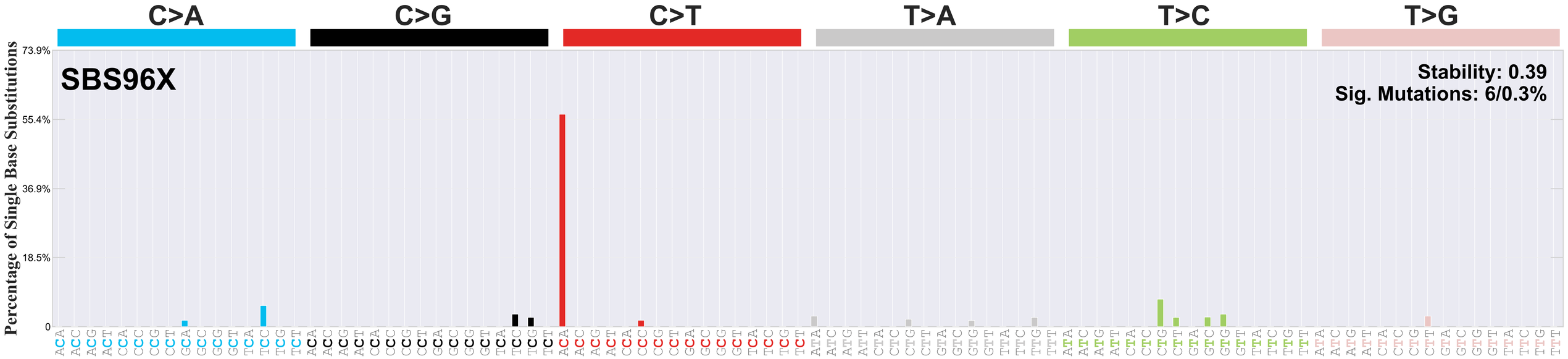

C>A
C>G
C>T
T>A
T>C
T>G
SBS96S
Stability: 0.18
Sig. Mutations: 12/0.6%
Percentage of Single Base Substitutions
45.2%
33.9%
22.6%
11.3%
0

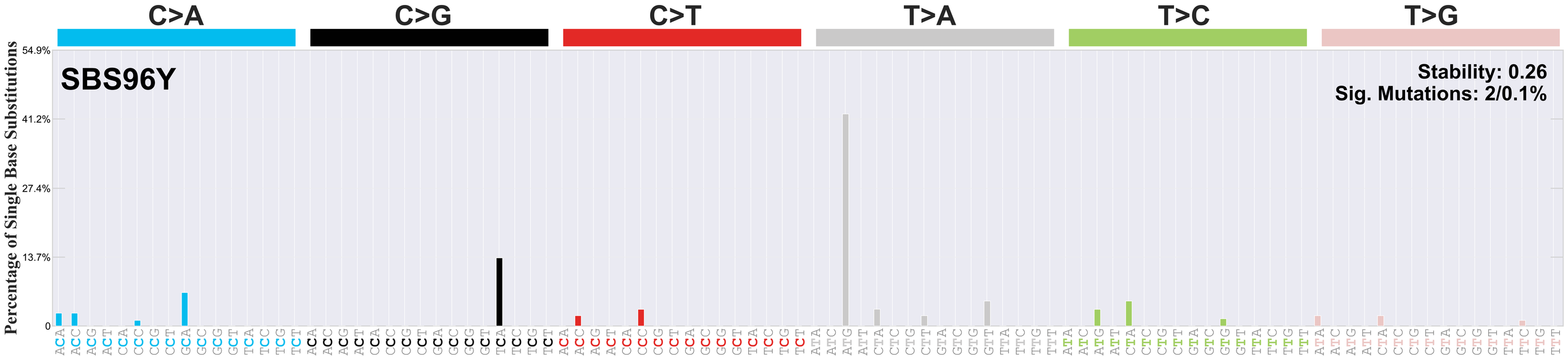

C>A
C>G
C>T
T>A
T>C
T>G
SBS96T
Stability: 0.31
Sig. Mutations: 10/0.5%
Percentage of Single Base Substitutions
65.2%
48.9%
32.6%
16.3%
0


C>A
C>G
C>T
T>A
T>C
T>G
SBS96U
Stability: 0.19
Sig. Mutations: 9/0.5%
Percentage of Single Base Substitutions
42.0%
31.5%
21.0%
10.5%
0


C>A
C>G
C>T
T>A
T>C
T>G
SBS96V
Stability: 0.06
Sig. Mutations: 8/0.4%
Percentage of Single Base Substitutions
39.8%
29.9%
19.9%
10.0%
0


C>A
C>G
C>T
T>A
T>C
T>G
SBS96W
Stability: 0.38
Sig. Mutations: 6/0.3%
Percentage of Single Base Substitutions
65.9%
49.4%
32.9%
16.5%
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


C>A
C>G
C>T
T>A
T>C
T>G
SBS96X
Stability: 0.39
Sig. Mutations: 6/0.3%
Percentage of Single Base Substitutions
73.9%
55.4%
36.9%
18.5%
0


C>A
C>G
C>T
T>A
T>C
T>G
SBS96Y
Stability: 0.26
Sig. Mutations: 2/0.1%
Percentage of Single Base Substitutions
54.9%
41.2%
27.4%
13.7%
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