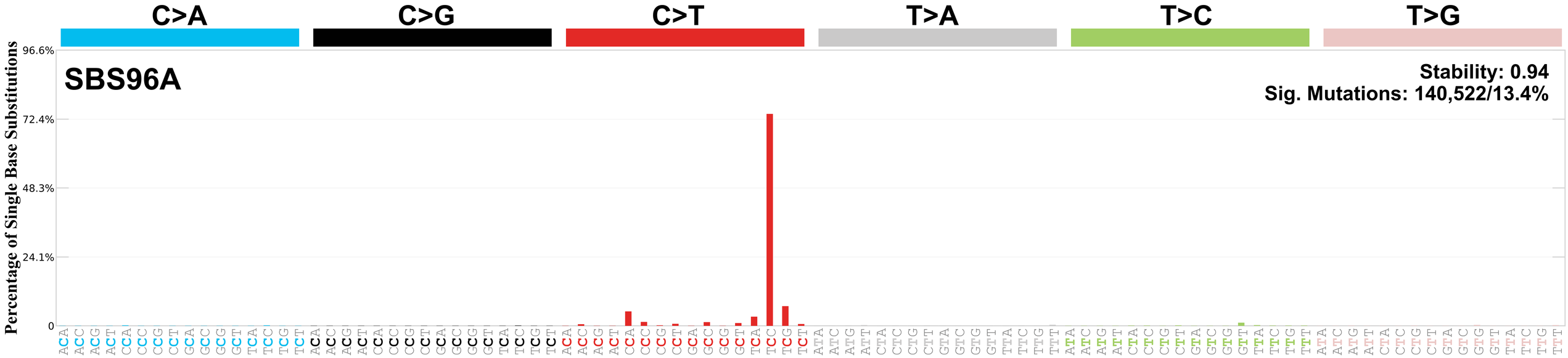
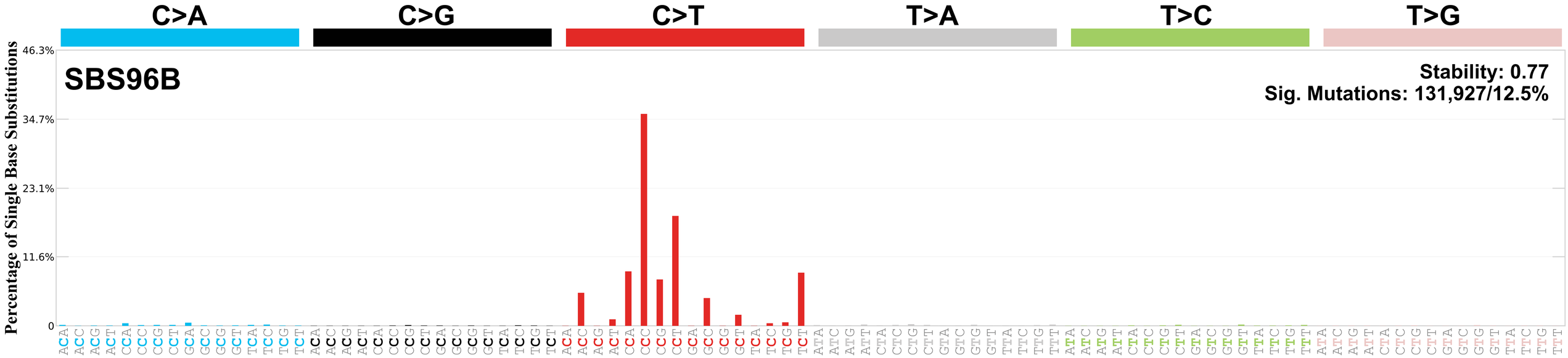
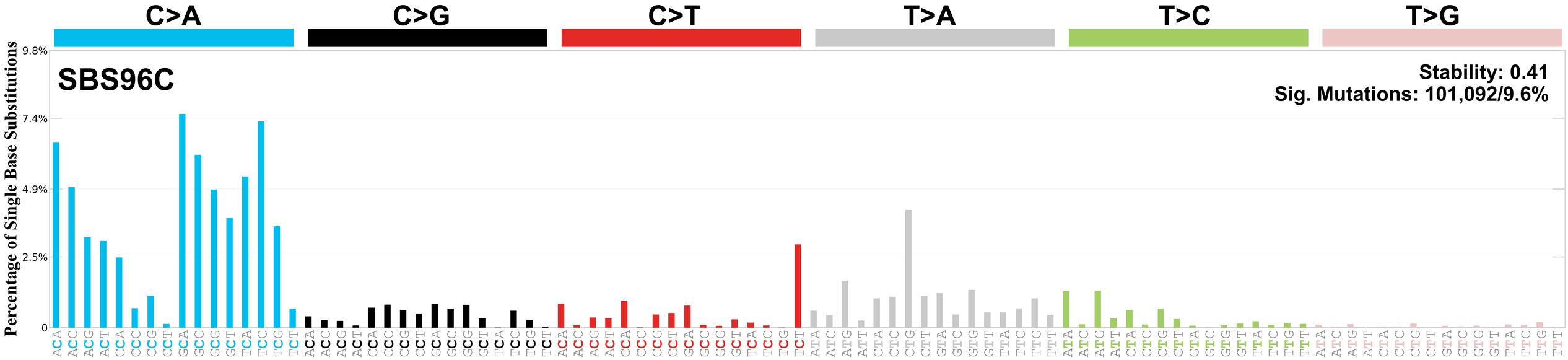
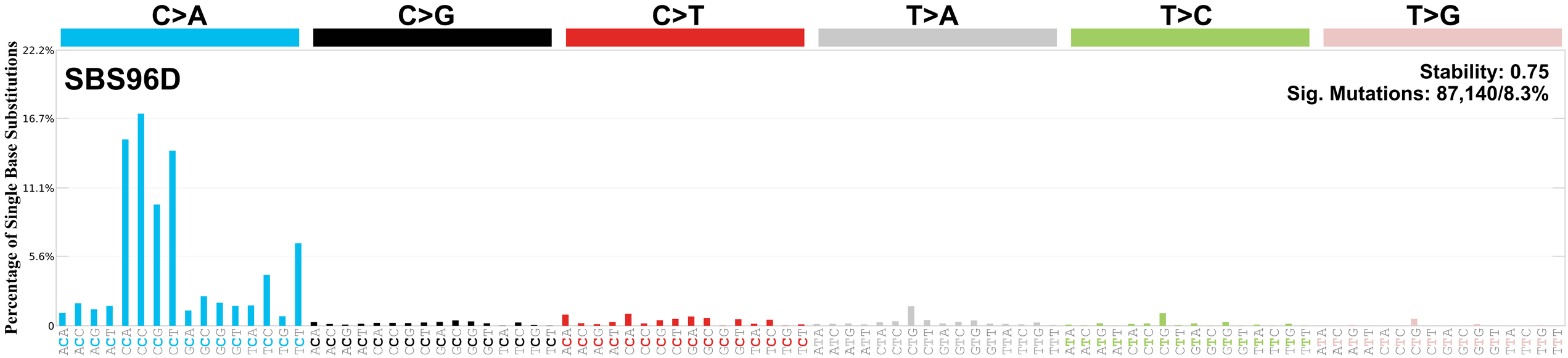
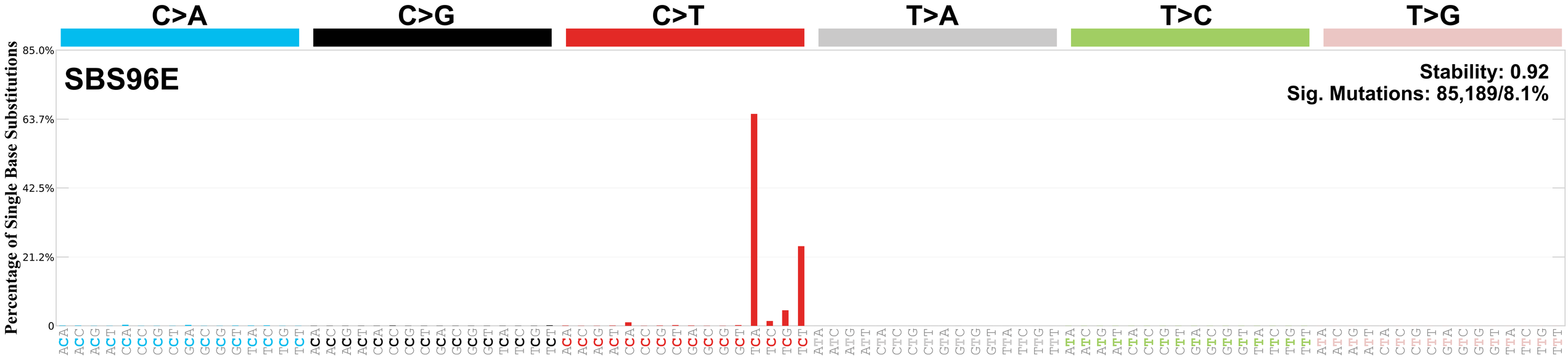
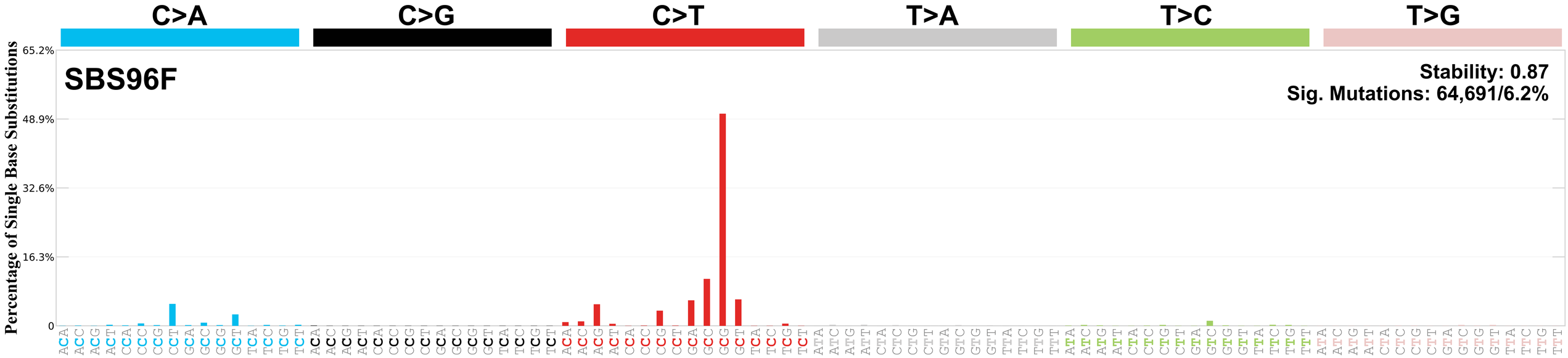

C>A
C>G
C>T
T>A
T>C
T>G
SBS96A
Stability: 0.94
Sig. Mutations: 140,522/13.4%
Percentage of Single Base Substitutions
96.6%
72.4%
48.3%
24.1%
0

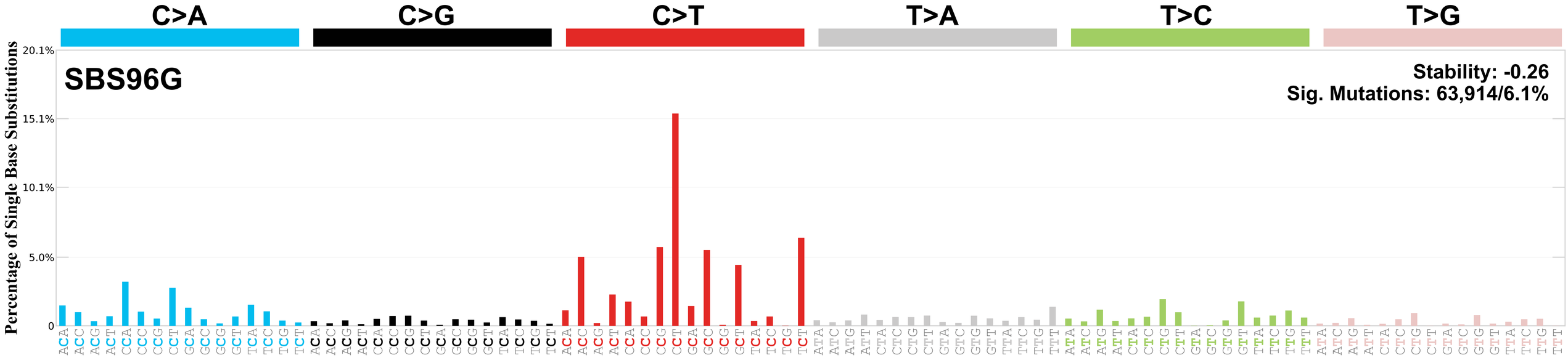

C>A
C>G
C>T
T>A
T>C
T>G
SBS96B
Stability: 0.77
Sig. Mutations: 131,927/12.5%
Percentage of Single Base Substitutions
46.3%
34.7%
23.1%
11.6%
0

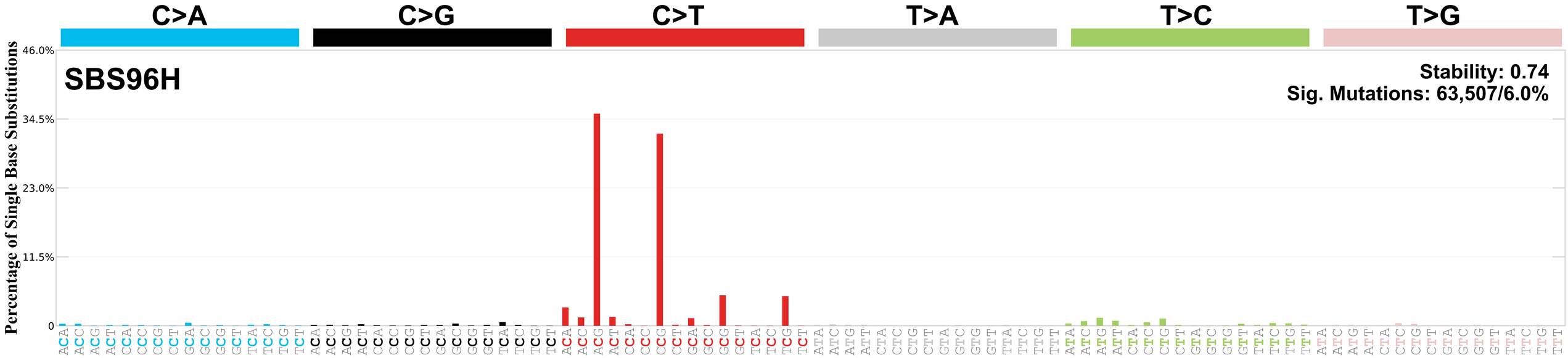

C>A
C>G
C>T
T>A
T>C
T>G
SBS96C
Stability: 0.41
Sig. Mutations: 101,092/9.6%
Percentage of Single Base Substitutions
9.8%
7.4%
4.9%
2.5%
0
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA 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

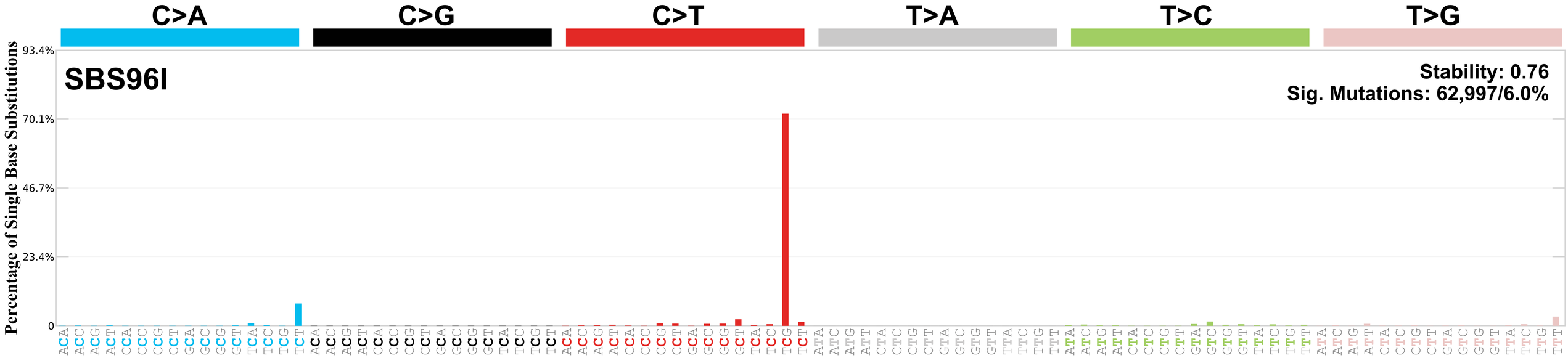

C>A
C>G
C>T
T>A
T>C
T>G
SBS96D
Stability: 0.75
Sig. Mutations: 87,140/8.3%
Percentage of Single Base Substitutions
22.2%
16.7%
11.1%
5.6%
0
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA 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

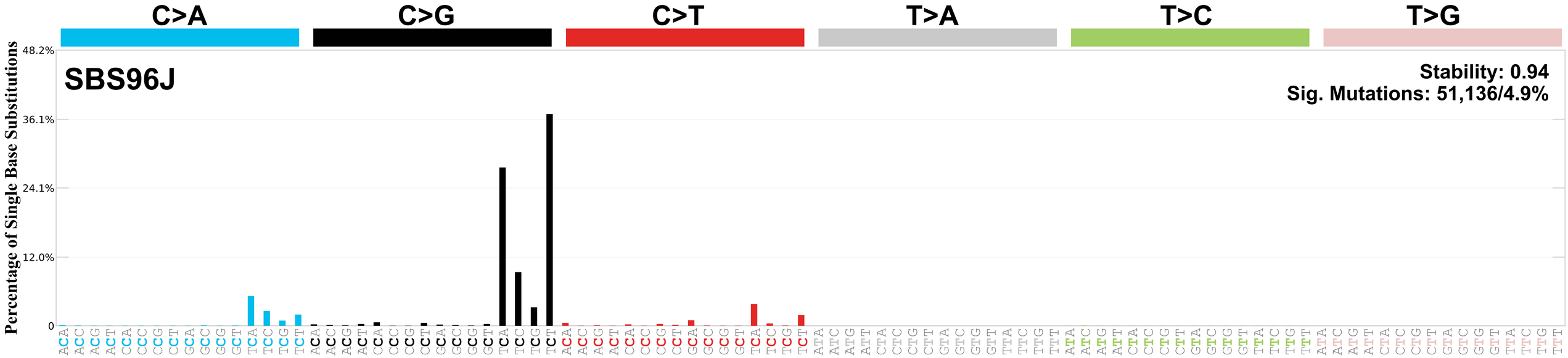

C>A
C>G
C>T
T>A
T>C
T>G
SBS96E
Stability: 0.92
Sig. Mutations: 85,189/8.1%
Percentage of Single Base Substitutions
85.0%
63.7%
42.5%
21.2%
0

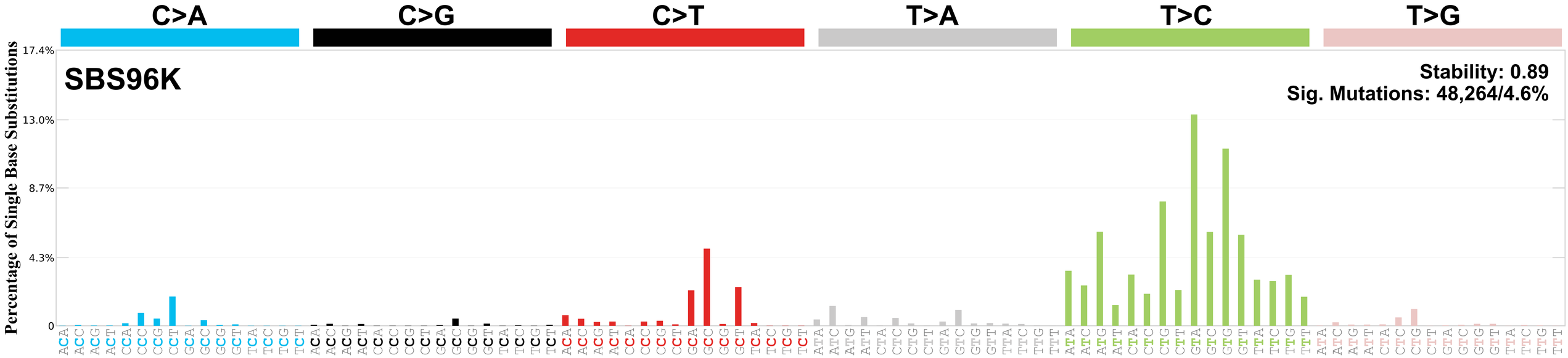

C>A
C>G
C>T
T>A
T>C
T>G
SBS96F
Stability: 0.87
Sig. Mutations: 64,691/6.2%
Percentage of Single Base Substitutions
65.2%
48.9%
32.6%
16.3%
0

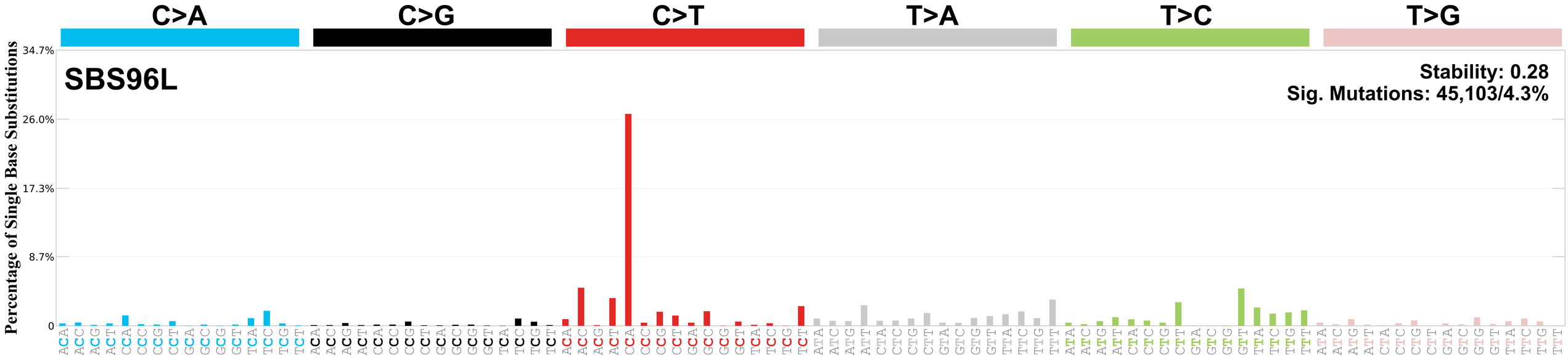

C>A
C>G
C>T
T>A
T>C
T>G
SBS96G
Stability: -0.26
Sig. Mutations: 63,914/6.1%
Percentage of Single Base Substitutions
20.1%
15.1%
10.1%
5.0%
0
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT 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

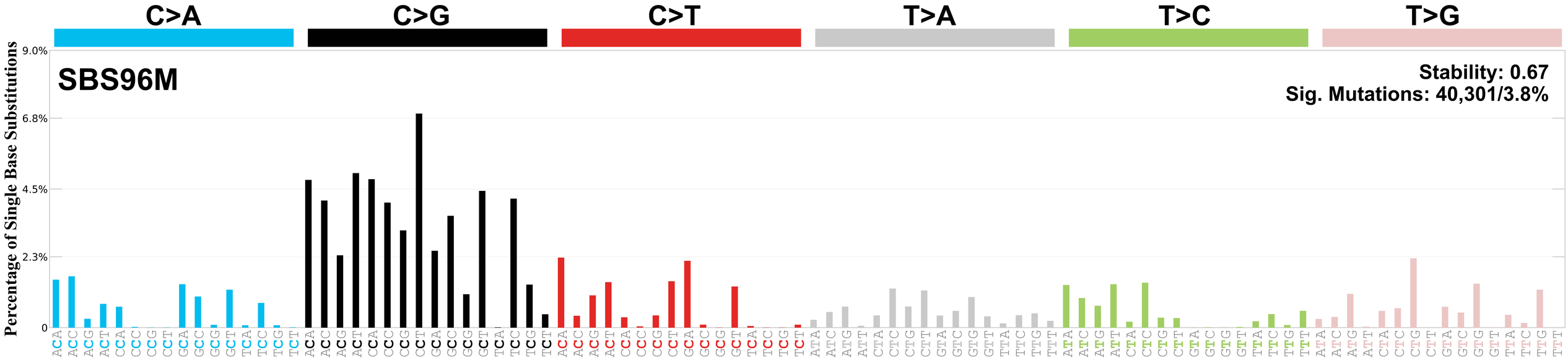

C>A
C>G
C>T
T>A
T>C
T>G
SBS96H
Stability: 0.74
Sig. Mutations: 63,507/6.0%
Percentage of Single Base Substitutions
46.0%
34.5%
23.0%
11.5%
0

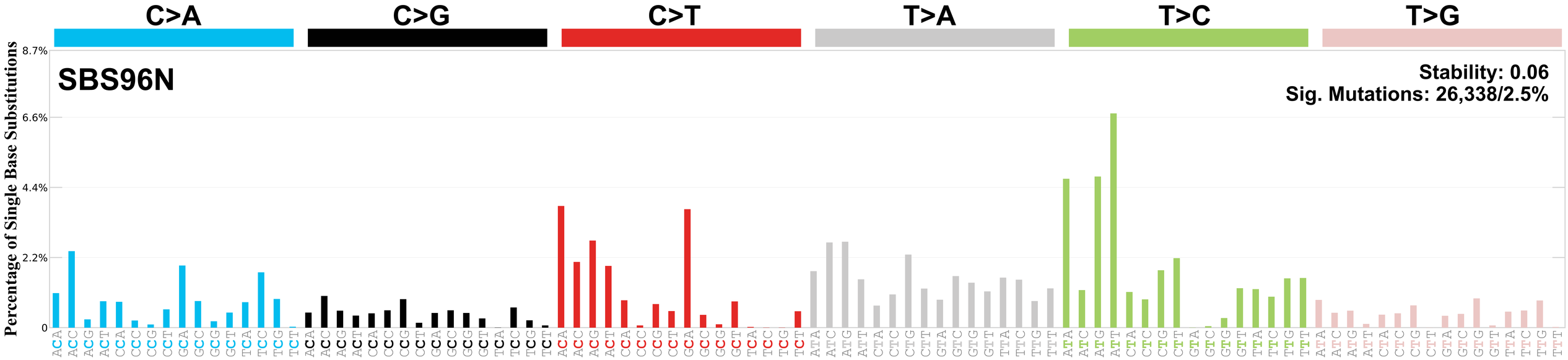

C>A
C>G
C>T
T>A
T>C
T>G
SBS96I
Stability: 0.76
Sig. Mutations: 62,997/6.0%
Percentage of Single Base Substitutions
93.4%
70.1%
46.7%
23.4%
0

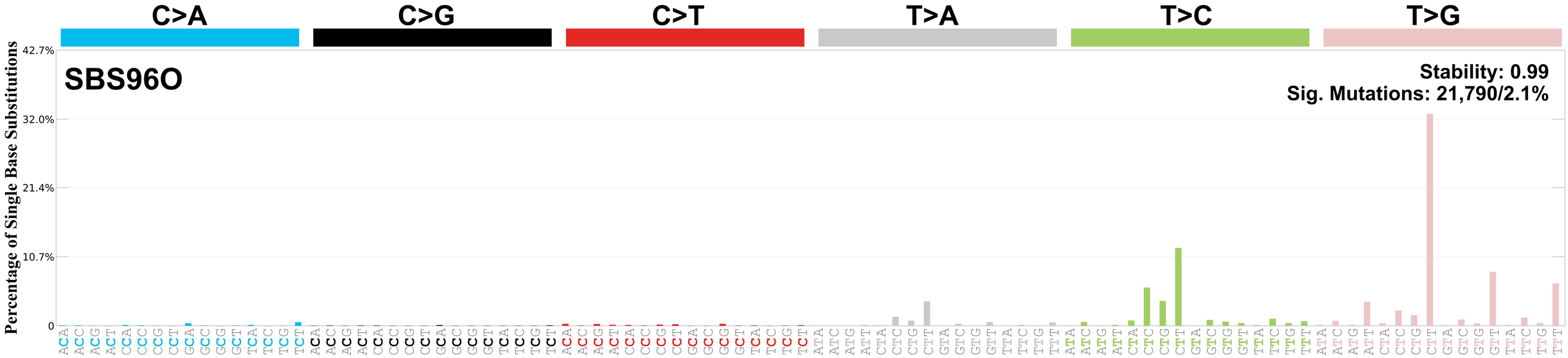

C>A
C>G
C>T
T>A
T>C
T>G
SBS96J
Stability: 0.94
Sig. Mutations: 51,136/4.9%
Percentage of Single Base Substitutions
48.2%
36.1%
24.1%
12.0%
0

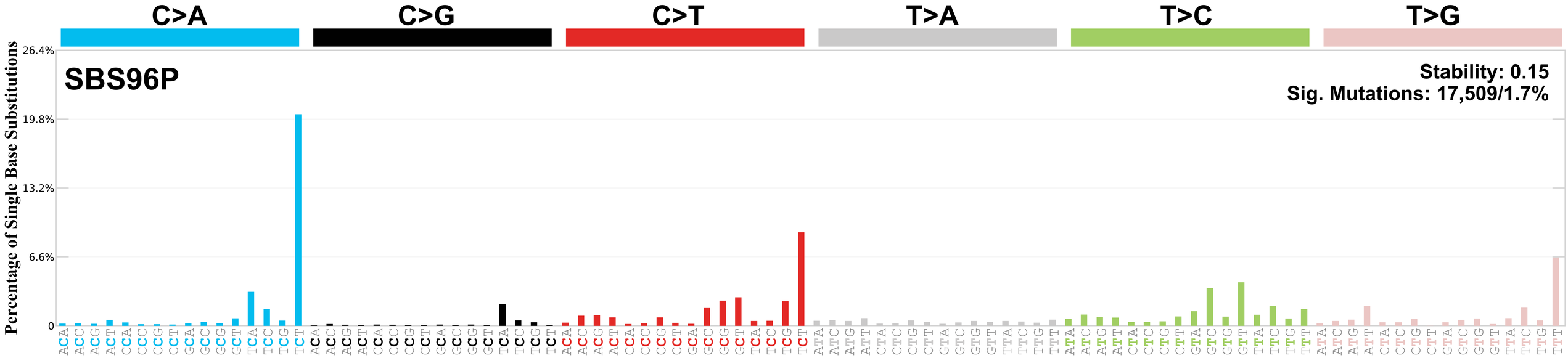

C>A
C>G
C>T
T>A
T>C
T>G
SBS96K
Stability: 0.89
Sig. Mutations: 48,264/4.6%
Percentage of Single Base Substitutions
17.4%
13.0%
8.7%
4.3%
0


C>A
C>G
C>T
T>A
T>C
T>G
SBS96L
Stability: 0.28
Sig. Mutations: 45,103/4.3%
Percentage of Single Base Substitutions
34.7%
26.0%
17.3%
8.7%
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 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: 0.67
Sig. Mutations: 40,301/3.8%
Percentage of Single Base Substitutions
9.0%
6.8%
4.5%
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 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: 0.06
Sig. Mutations: 26,338/2.5%
Percentage of Single Base Substitutions
8.7%
6.6%
4.4%
2.2%
0


C>A
C>G
C>T
T>A
T>C
T>G
SBS96O
Stability: 0.99
Sig. Mutations: 21,790/2.1%
Percentage of Single Base Substitutions
42.7%
32.0%
21.4%
10.7%
0


C>A
C>G
C>T
T>A
T>C
T>G
SBS96P
Stability: 0.15
Sig. Mutations: 17,509/1.7%
Percentage of Single Base Substitutions
26.4%
19.8%
13.2%
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