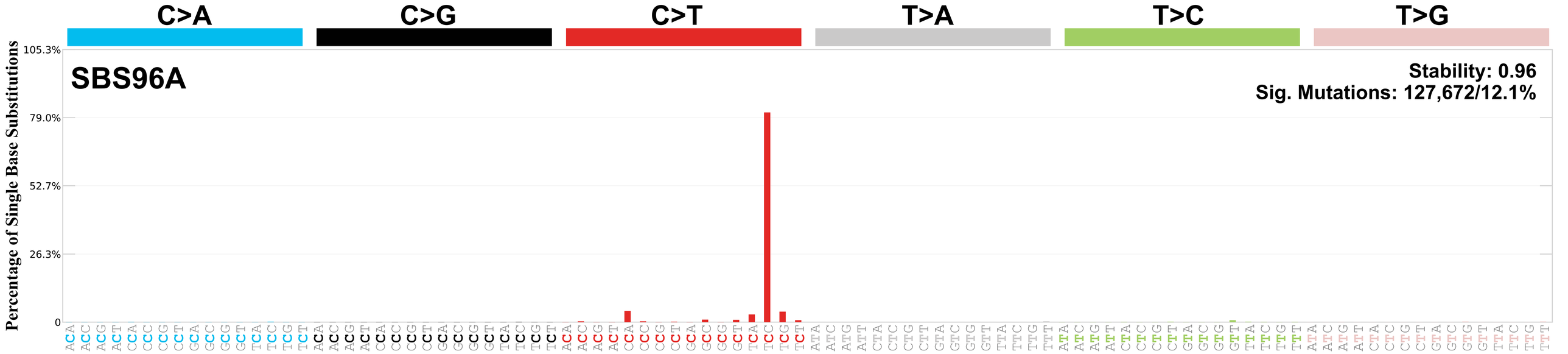
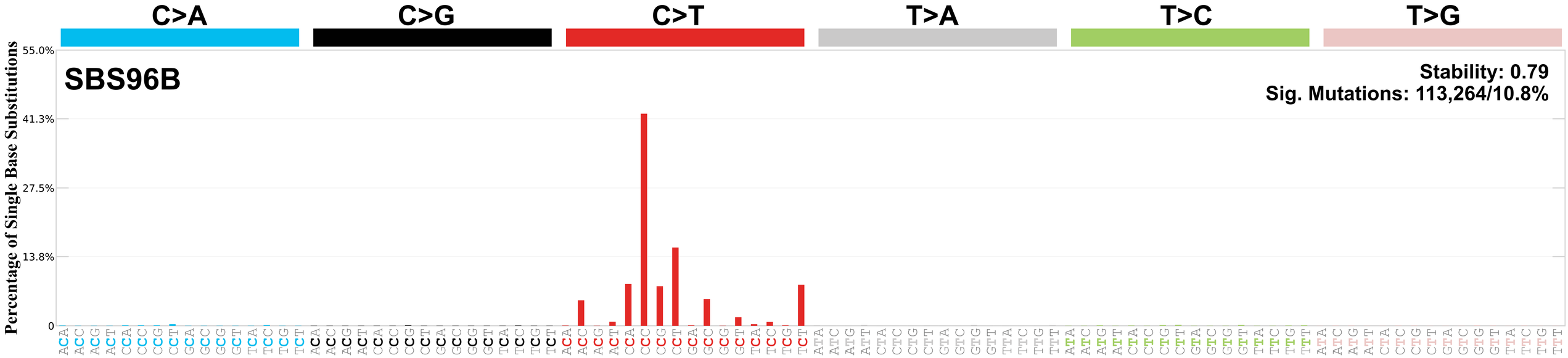
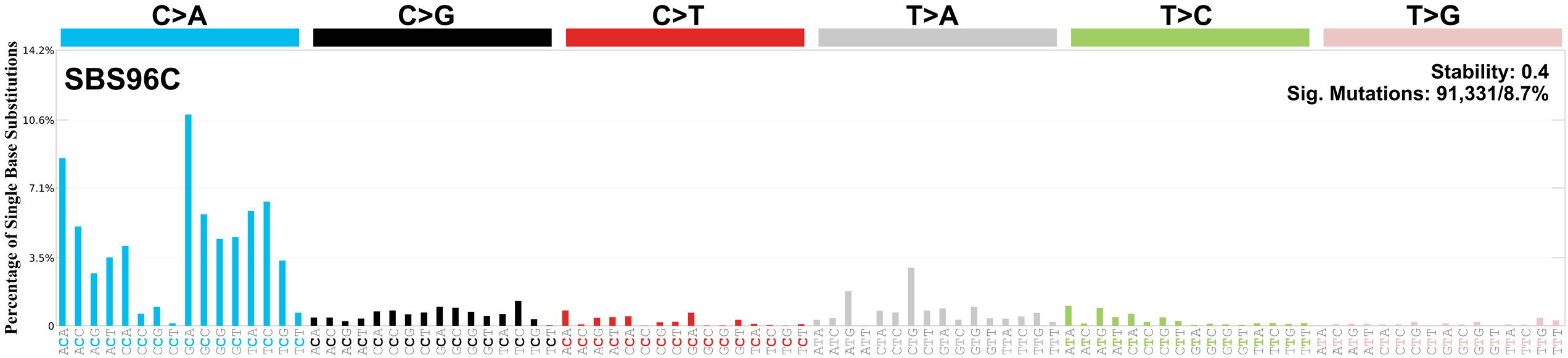
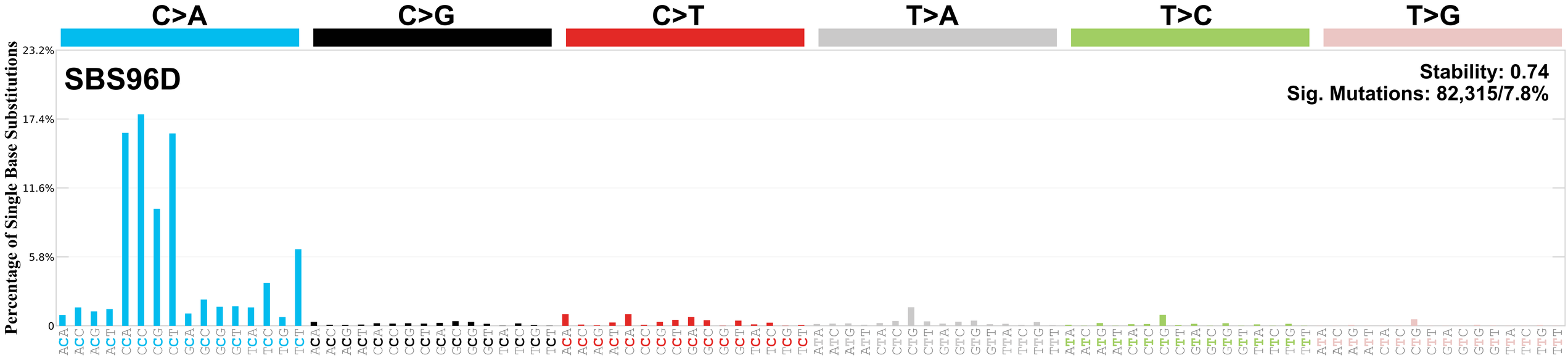
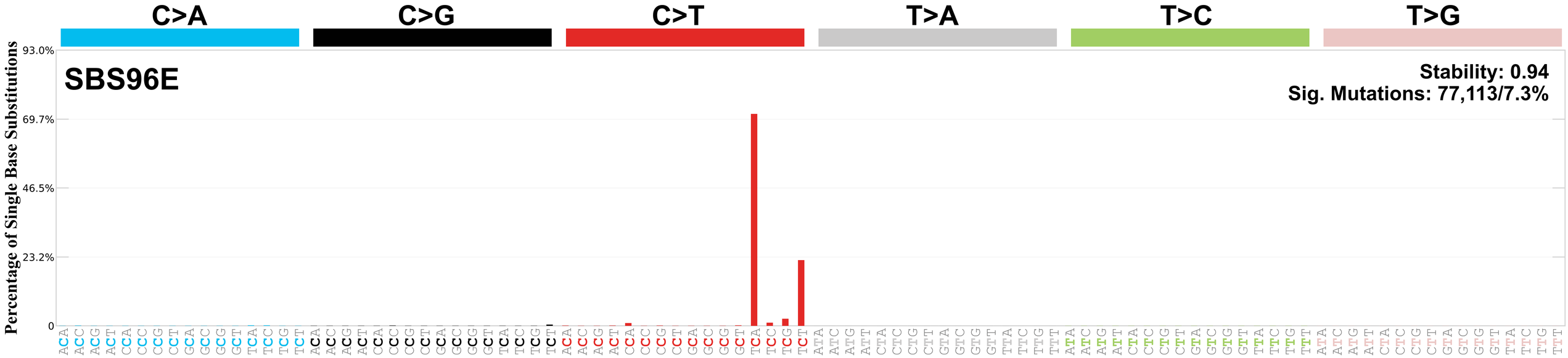
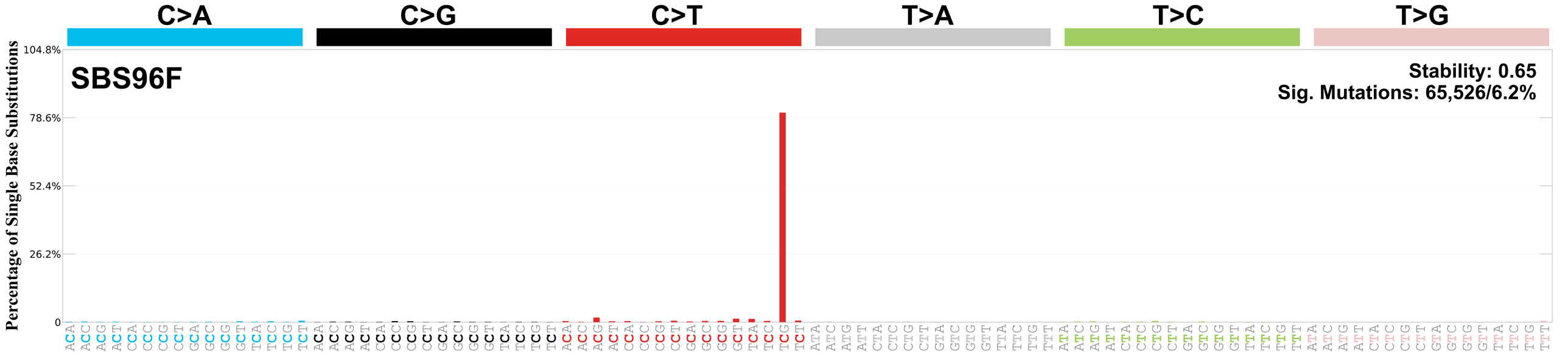

C>A
C>G
C>T
T>A
T>C
T>G
SBS96A
Stability: 0.96
Sig. Mutations: 127,672/12.1%
Percentage of Single Base Substitutions
105.3%
79.0%
52.7%
26.3%
0

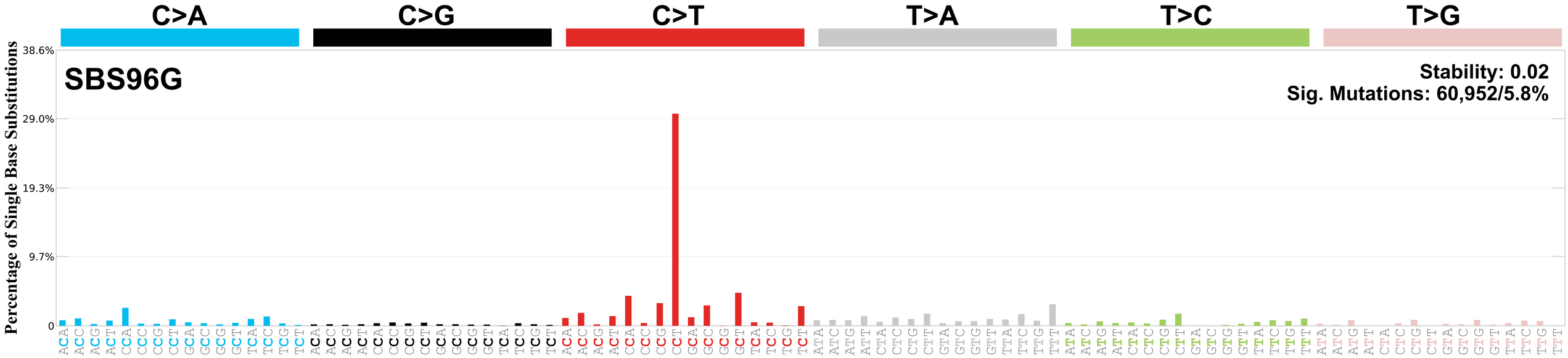

C>A
C>G
C>T
T>A
T>C
T>G
SBS96B
Stability: 0.79
Sig. Mutations: 113,264/10.8%
Percentage of Single Base Substitutions
55.0%
41.3%
27.5%
13.8%
0

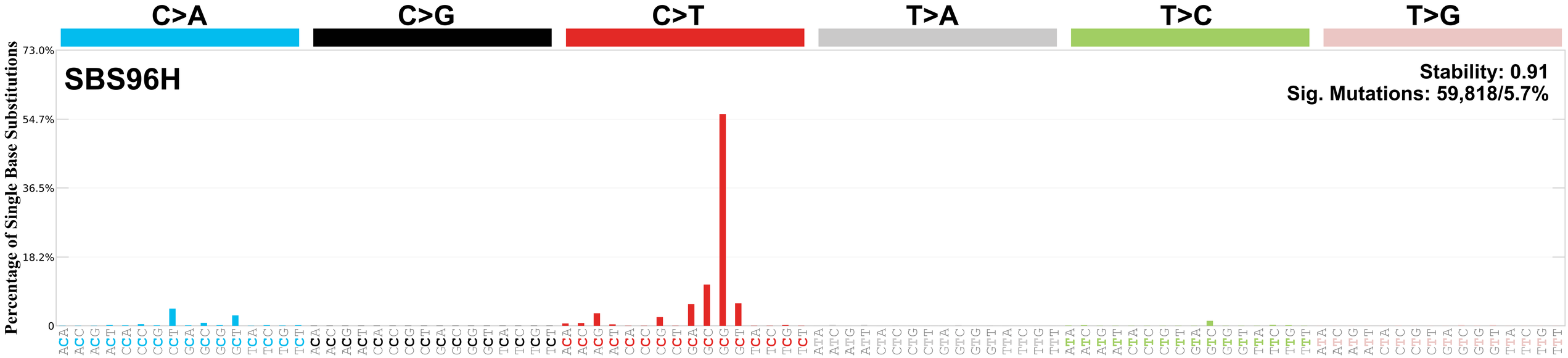

C>A
C>G
C>T
T>A
T>C
T>G
SBS96C
Stability: 0.4
Sig. Mutations: 91,331/8.7%
Percentage of Single Base Substitutions
14.2%
10.6%
7.1%
3.5%
0

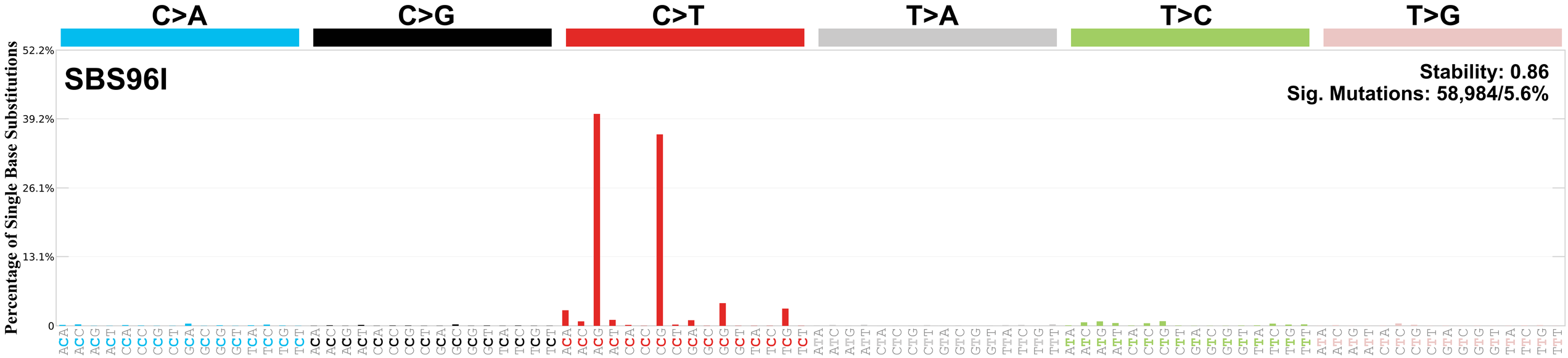

C>A
C>G
C>T
T>A
T>C
T>G
SBS96D
Stability: 0.74
Sig. Mutations: 82,315/7.8%
Percentage of Single Base Substitutions
23.2%
17.4%
11.6%
5.8%
0

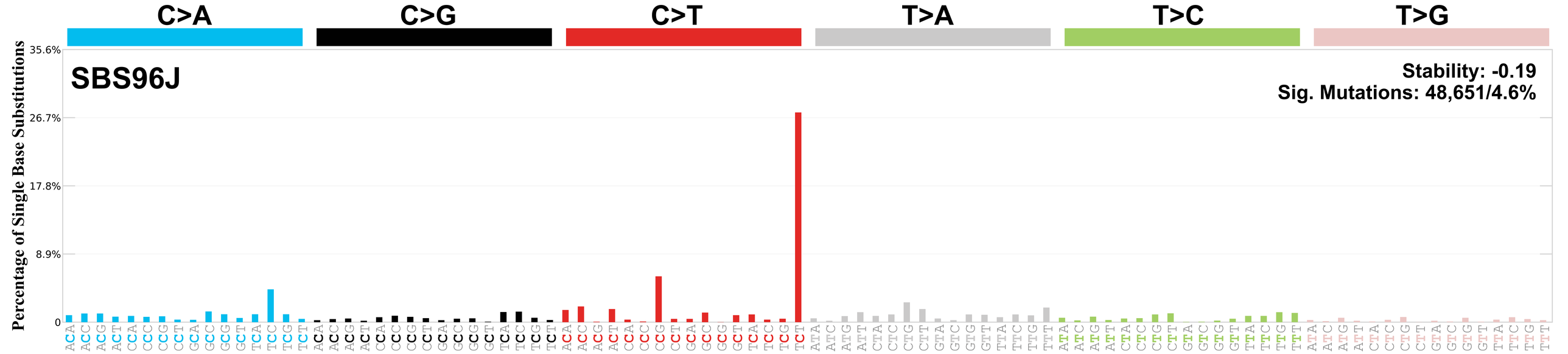

C>A
C>G
C>T
T>A
T>C
T>G
SBS96E
Stability: 0.94
Sig. Mutations: 77,113/7.3%
Percentage of Single Base Substitutions
93.0%
69.7%
46.5%
23.2%
0

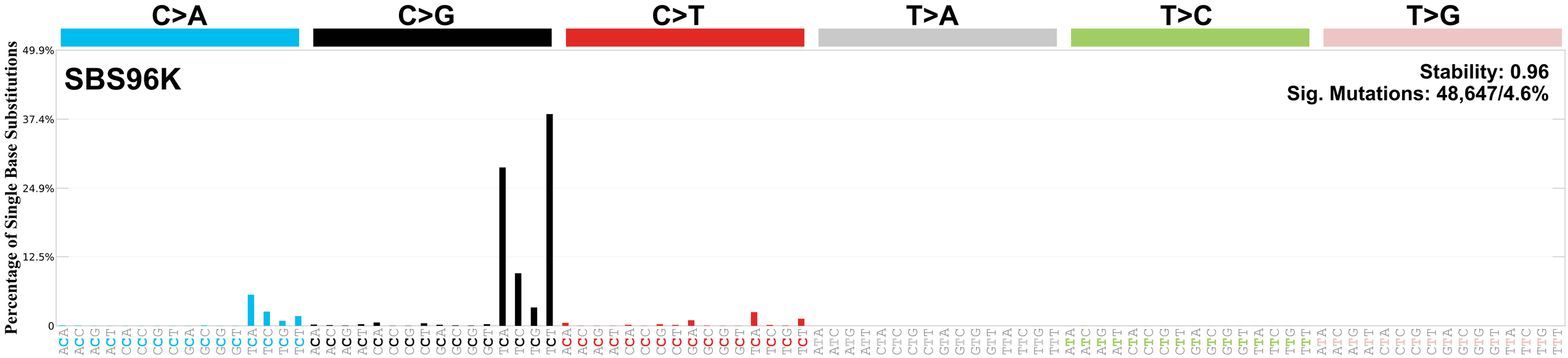

C>A
C>G
C>T
T>A
T>C
T>G
SBS96F
Stability: 0.65
Sig. Mutations: 65,526/6.2%
Percentage of Single Base Substitutions
104.8%
78.6%
52.4%
26.2%
0

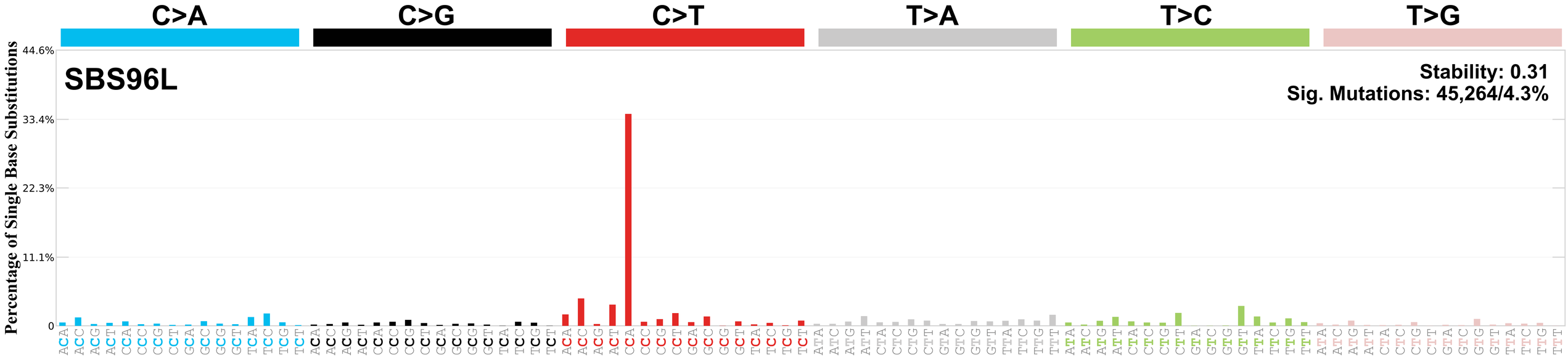

C>A
C>G
C>T
T>A
T>C
T>G
SBS96G
Stability: 0.02
Sig. Mutations: 60,952/5.8%
Percentage of Single Base Substitutions
38.6%
29.0%
19.3%
9.7%
0
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA 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

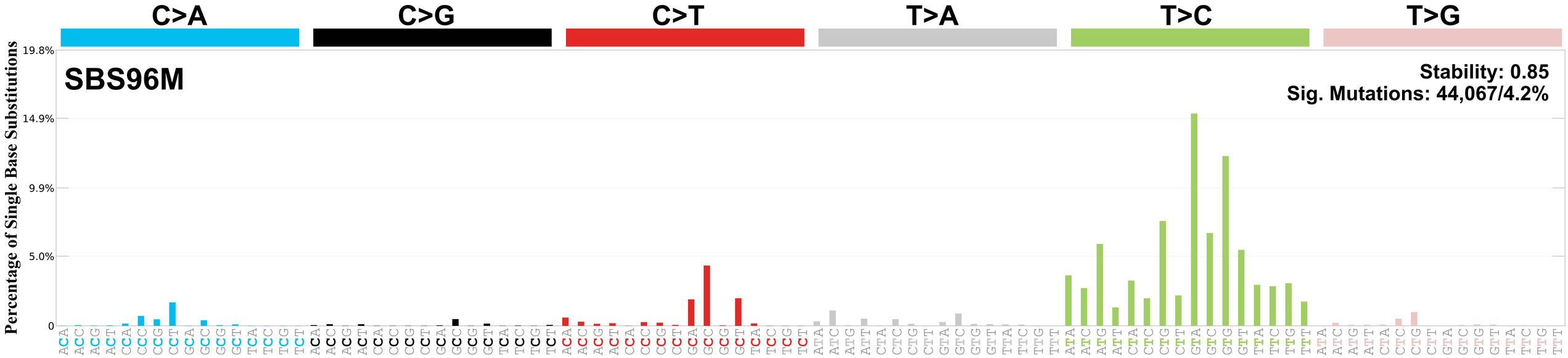

C>A
C>G
C>T
T>A
T>C
T>G
SBS96H
Stability: 0.91
Sig. Mutations: 59,818/5.7%
Percentage of Single Base Substitutions
73.0%
54.7%
36.5%
18.2%
0

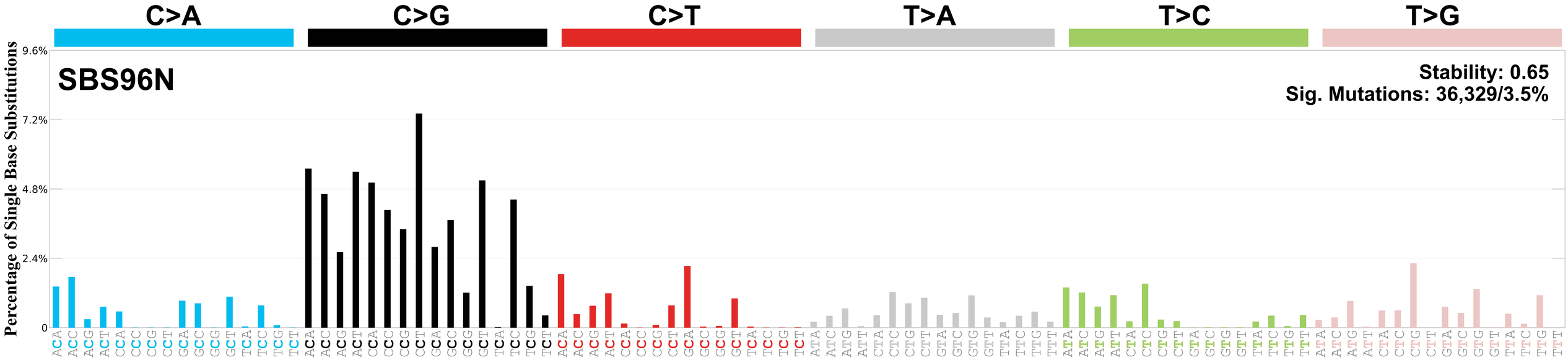

C>A
C>G
C>T
T>A
T>C
T>G
SBS96I
Stability: 0.86
Sig. Mutations: 58,984/5.6%
Percentage of Single Base Substitutions
52.2%
39.2%
26.1%
13.1%
0


C>A
C>G
C>T
T>A
T>C
T>G
SBS96J
Stability: -0.19
Sig. Mutations: 48,651/4.6%
Percentage of Single Base Substitutions
35.6%
26.7%
17.8%
8.9%
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
SBS96K
Stability: 0.96
Sig. Mutations: 48,647/4.6%
Percentage of Single Base Substitutions
49.9%
37.4%
24.9%
12.5%
0


C>A
C>G
C>T
T>A
T>C
T>G
SBS96L
Stability: 0.31
Sig. Mutations: 45,264/4.3%
Percentage of Single Base Substitutions
44.6%
33.4%
22.3%
11.1%
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
SBS96M
Stability: 0.85
Sig. Mutations: 44,067/4.2%
Percentage of Single Base Substitutions
19.8%
14.9%
9.9%
5.0%
0


C>A
C>G
C>T
T>A
T>C
T>G
SBS96N
Stability: 0.65
Sig. Mutations: 36,329/3.5%
Percentage of Single Base Substitutions
9.6%
7.2%
4.8%
2.4%
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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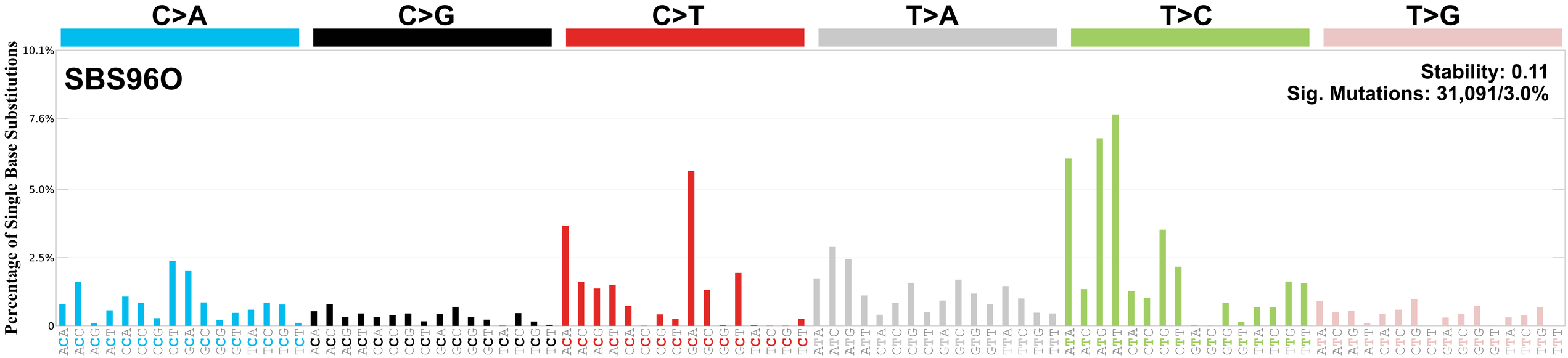
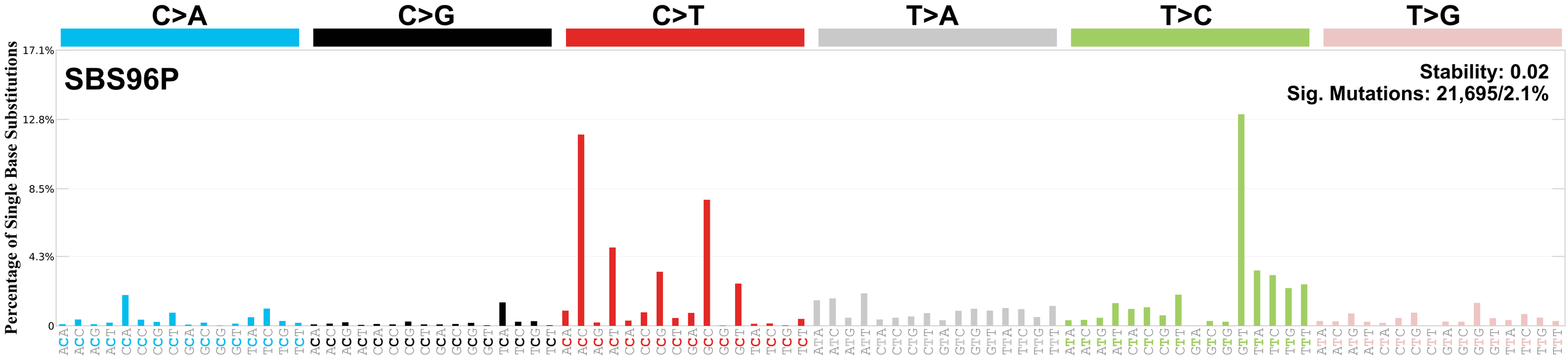
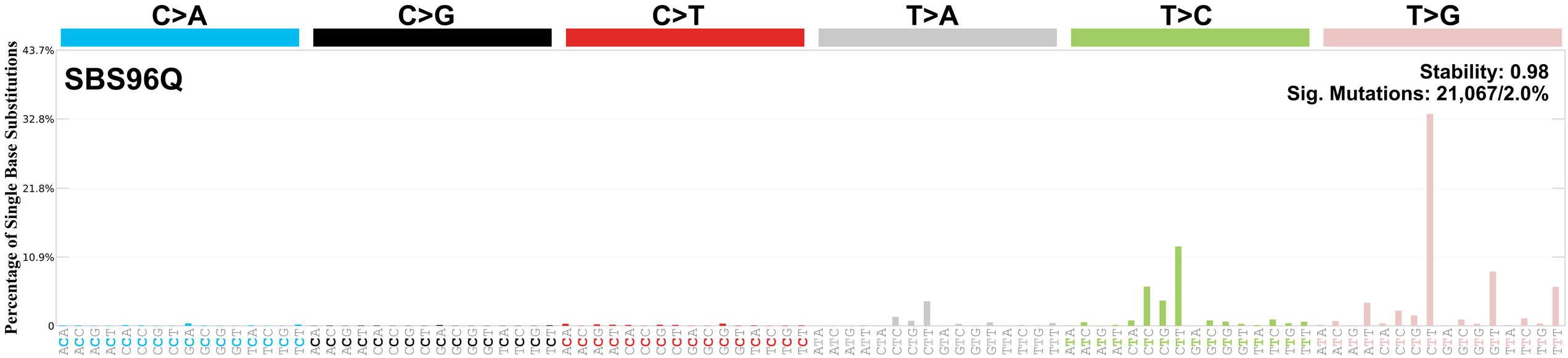
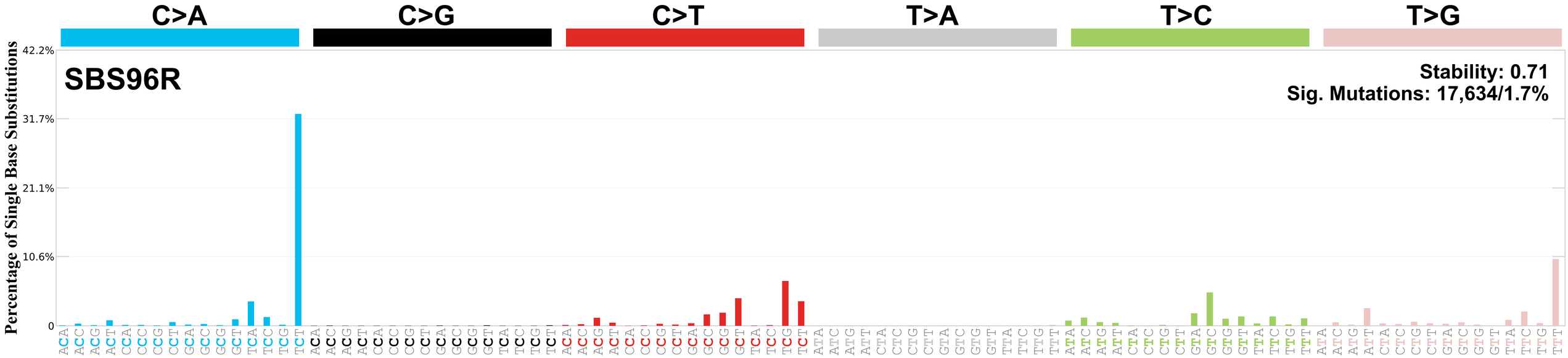

C>A
C>G
C>T
T>A
T>C
T>G
SBS96O
Stability: 0.11
Sig. Mutations: 31,091/3.0%
Percentage of Single Base Substitutions
10.1%
7.6%
5.0%
2.5%
0
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA 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
SBS96P
Stability: 0.02
Sig. Mutations: 21,695/2.1%
Percentage of Single Base Substitutions
17.1%
12.8%
8.5%
4.3%
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
SBS96Q
Stability: 0.98
Sig. Mutations: 21,067/2.0%
Percentage of Single Base Substitutions
43.7%
32.8%
21.8%
10.9%
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
SBS96R
Stability: 0.71
Sig. Mutations: 17,634/1.7%
Percentage of Single Base Substitutions
42.2%
31.7%
21.1%
10.6%
0