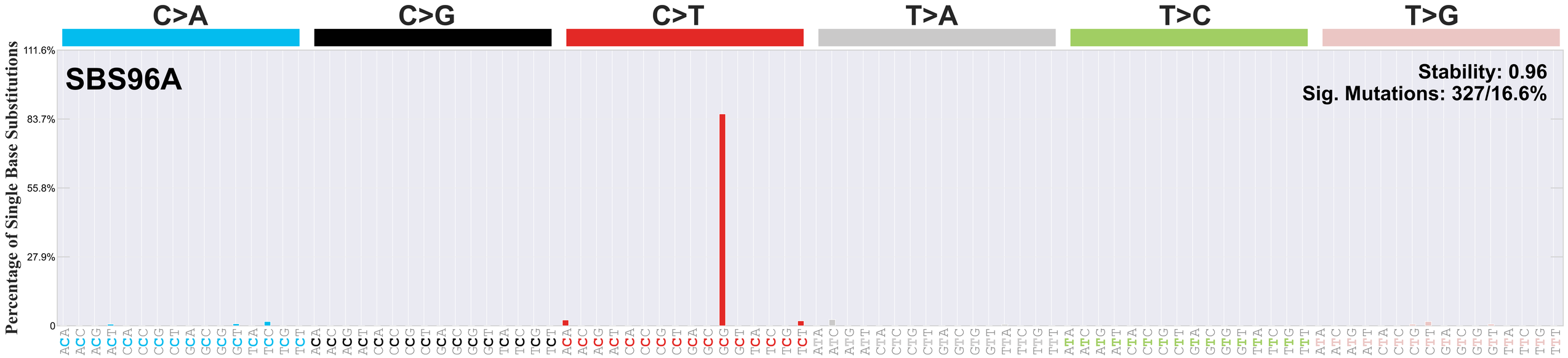
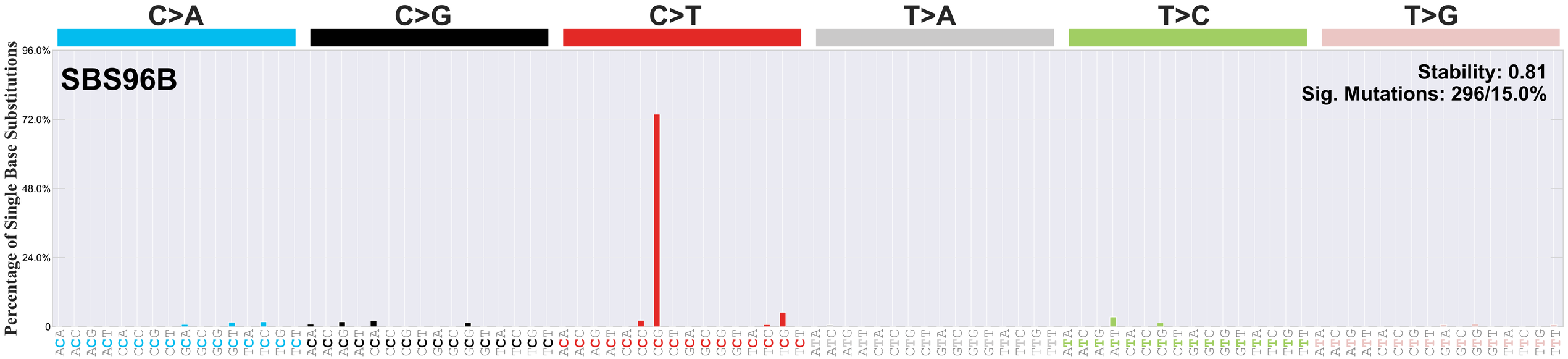
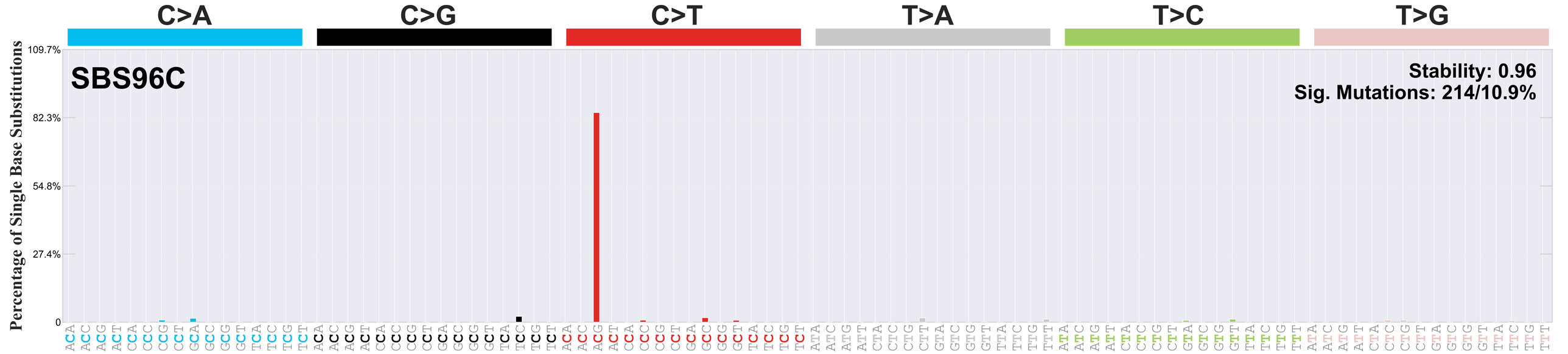
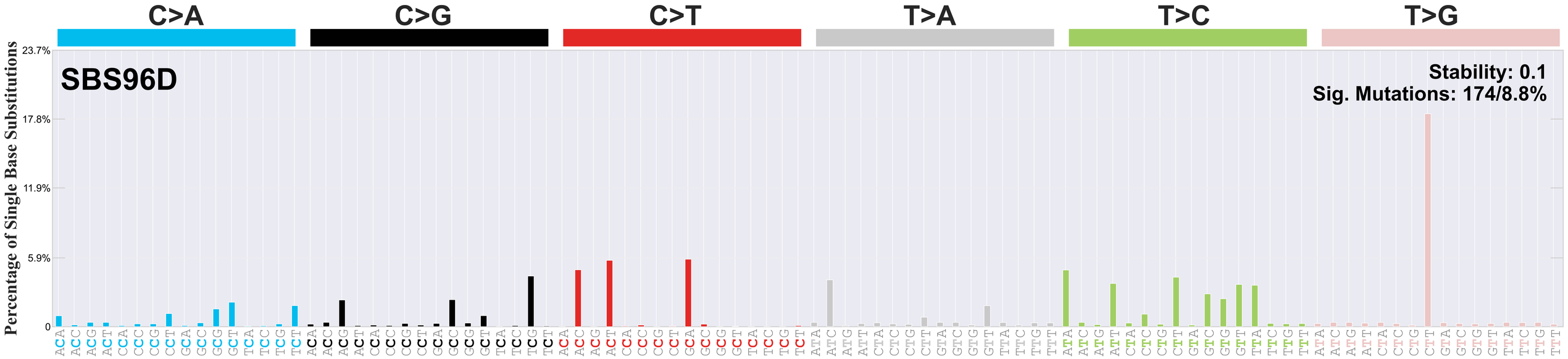
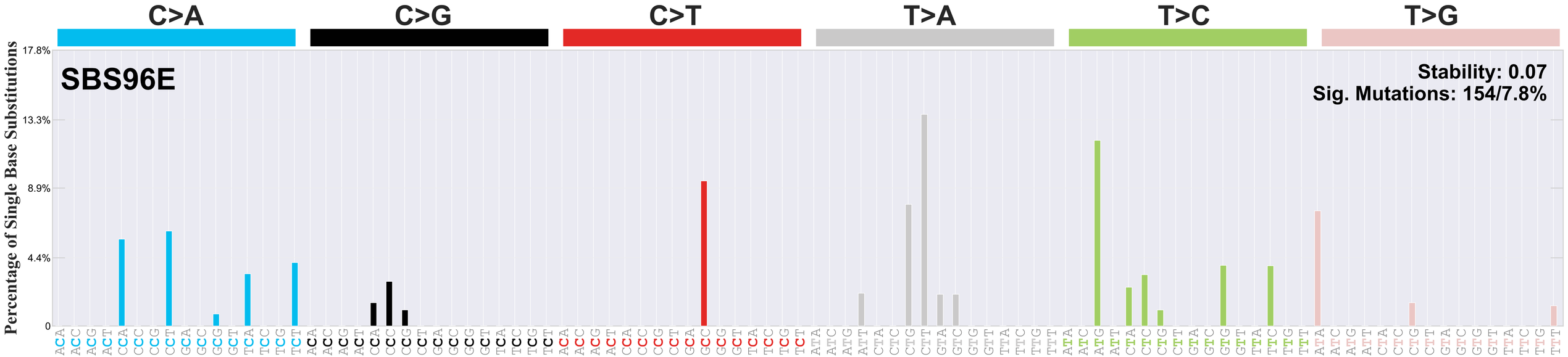
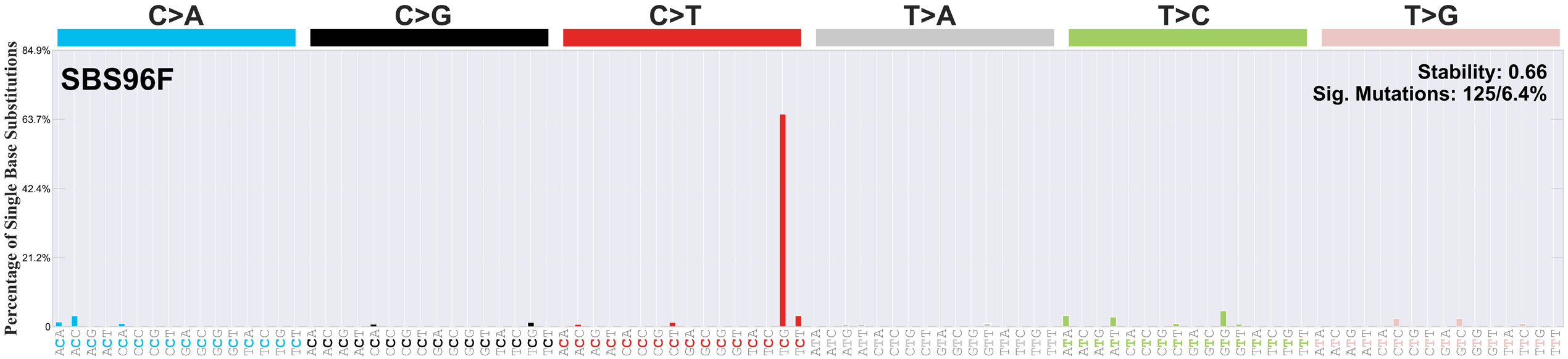

C>A
C>G
C>T
T>A
T>C
T>G
SBS96A
Stability: 0.96
Sig. Mutations: 327/16.6%
Percentage of Single Base Substitutions
111.6%
83.7%
55.8%
27.9%
0

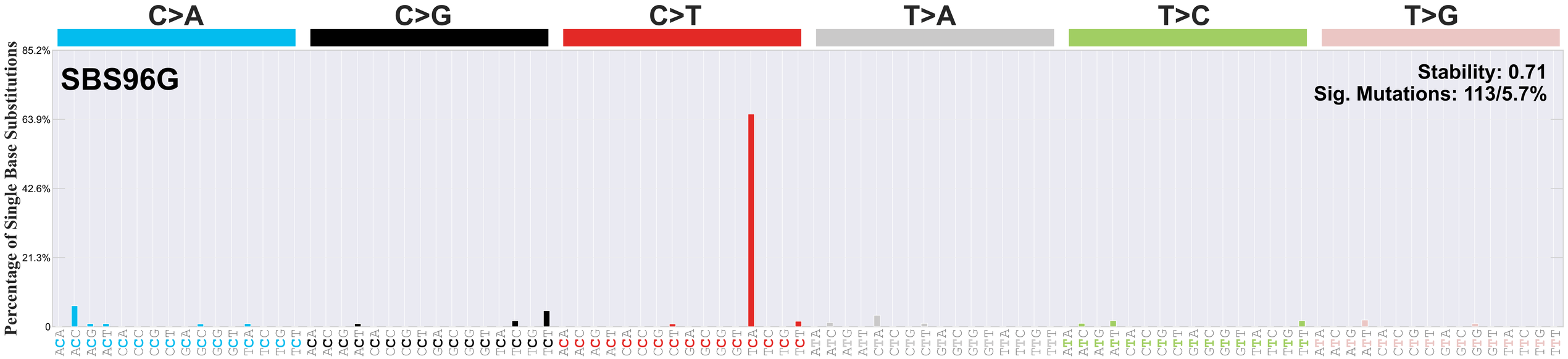

C>A
C>G
C>T
T>A
T>C
T>G
SBS96B
Stability: 0.81
Sig. Mutations: 296/15.0%
Percentage of Single Base Substitutions
96.0%
72.0%
48.0%
24.0%
0

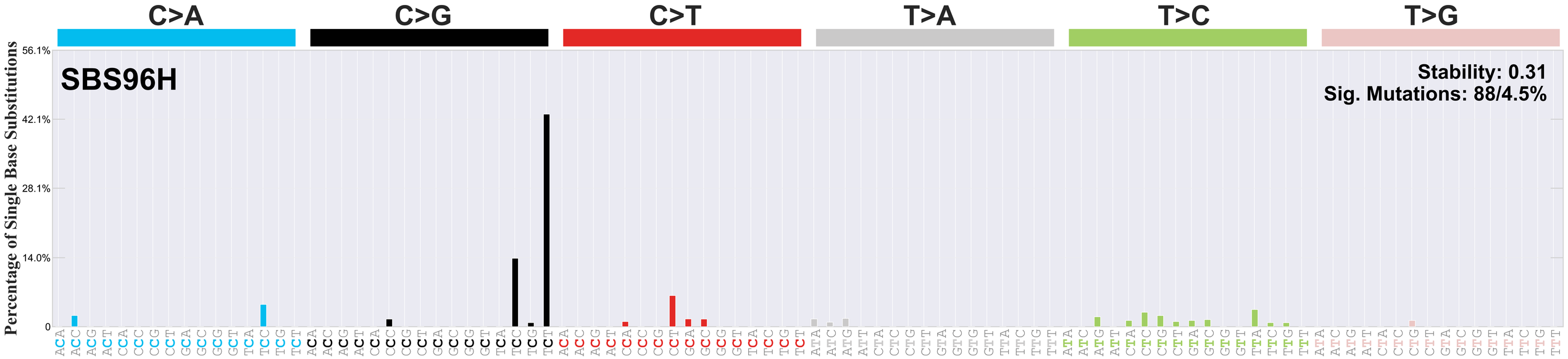

C>A
C>G
C>T
T>A
T>C
T>G
SBS96C
Stability: 0.96
Sig. Mutations: 214/10.9%
Percentage of Single Base Substitutions
109.7%
82.3%
54.8%
27.4%
0

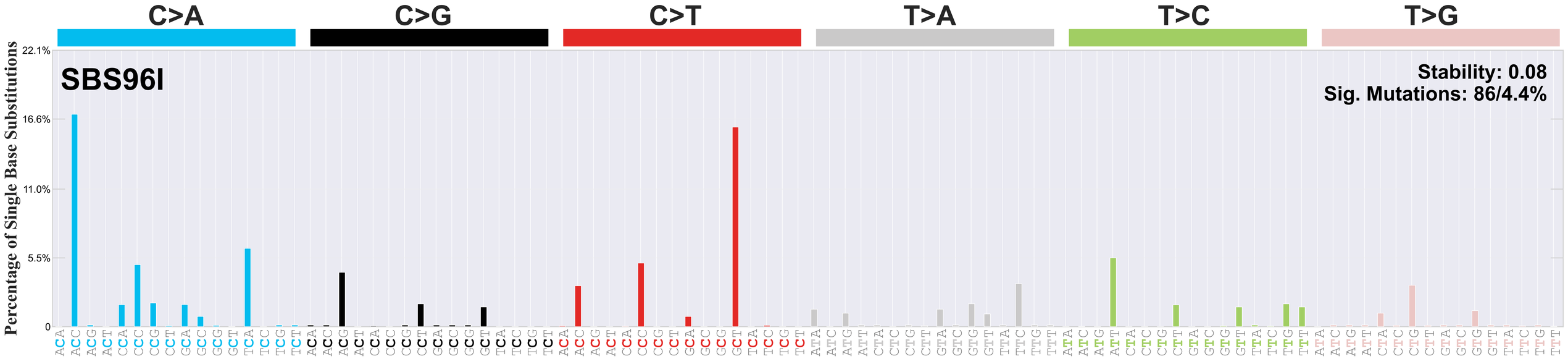

C>A
C>G
C>T
T>A
T>C
T>G
SBS96D
Stability: 0.1
Sig. Mutations: 174/8.8%
Percentage of Single Base Substitutions
23.7%
17.8%
11.9%
5.9%
0
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC 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

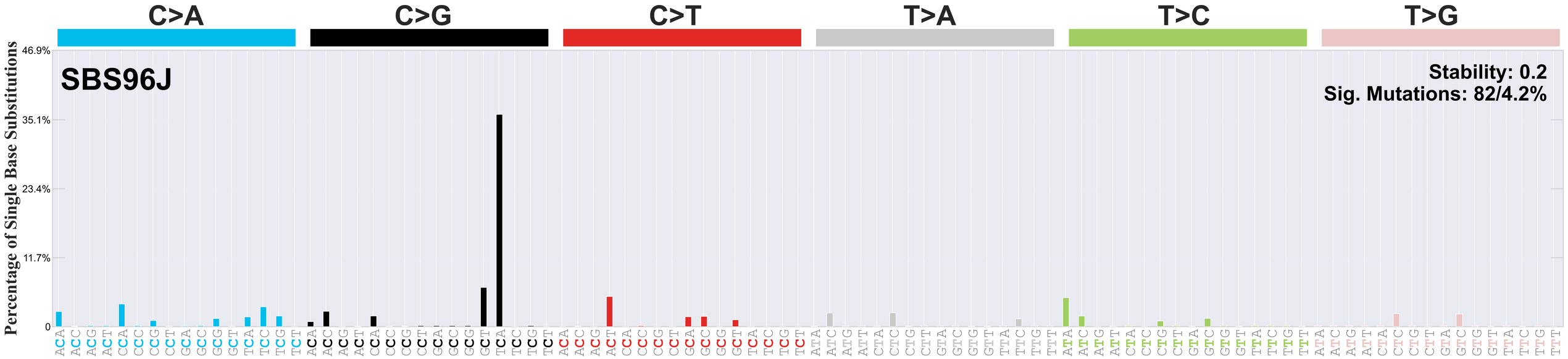

C>A
C>G
C>T
T>A
T>C
T>G
SBS96E
Stability: 0.07
Sig. Mutations: 154/7.8%
Percentage of Single Base Substitutions
17.8%
13.3%
8.9%
4.4%
0

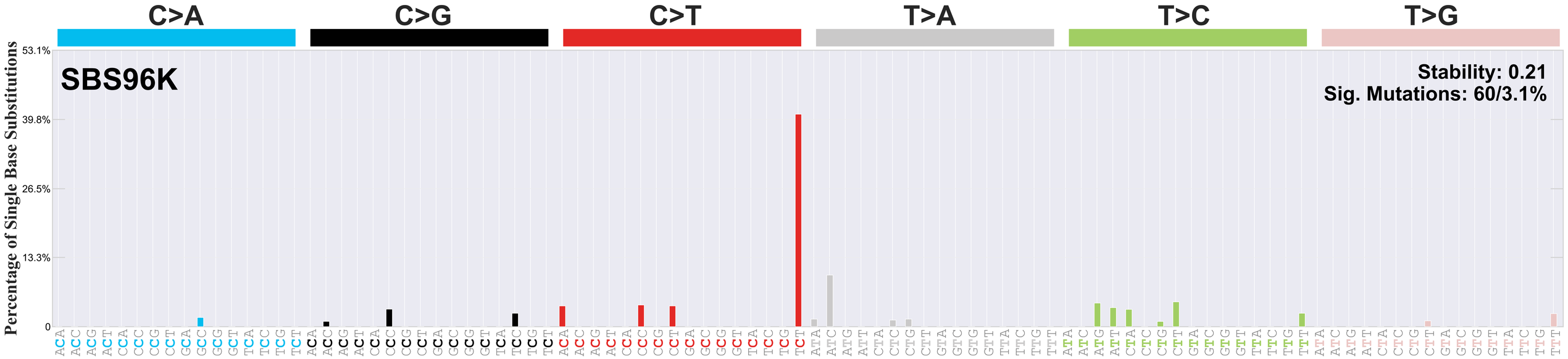

C>A
C>G
C>T
T>A
T>C
T>G
SBS96F
Stability: 0.66
Sig. Mutations: 125/6.4%
Percentage of Single Base Substitutions
84.9%
63.7%
42.4%
21.2%
0

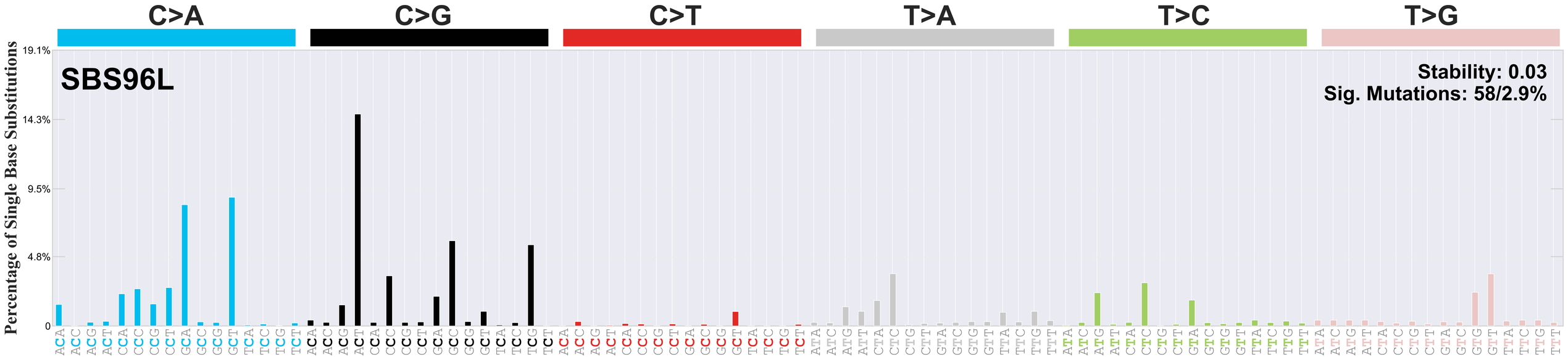

C>A
C>G
C>T
T>A
T>C
T>G
SBS96G
Stability: 0.71
Sig. Mutations: 113/5.7%
Percentage of Single Base Substitutions
85.2%
63.9%
42.6%
21.3%
0
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA 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

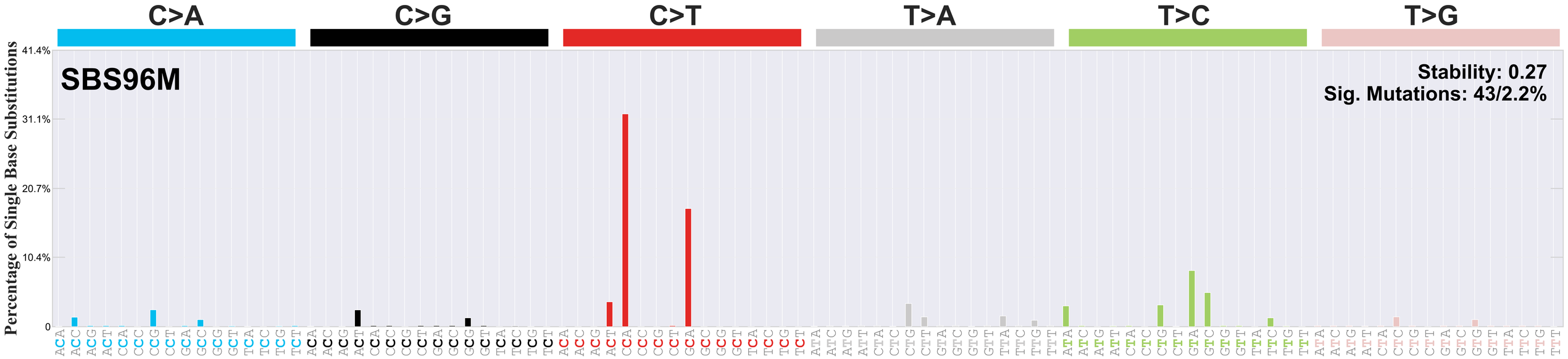

C>A
C>G
C>T
T>A
T>C
T>G
SBS96H
Stability: 0.31
Sig. Mutations: 88/4.5%
Percentage of Single Base Substitutions
56.1%
42.1%
28.1%
14.0%
0

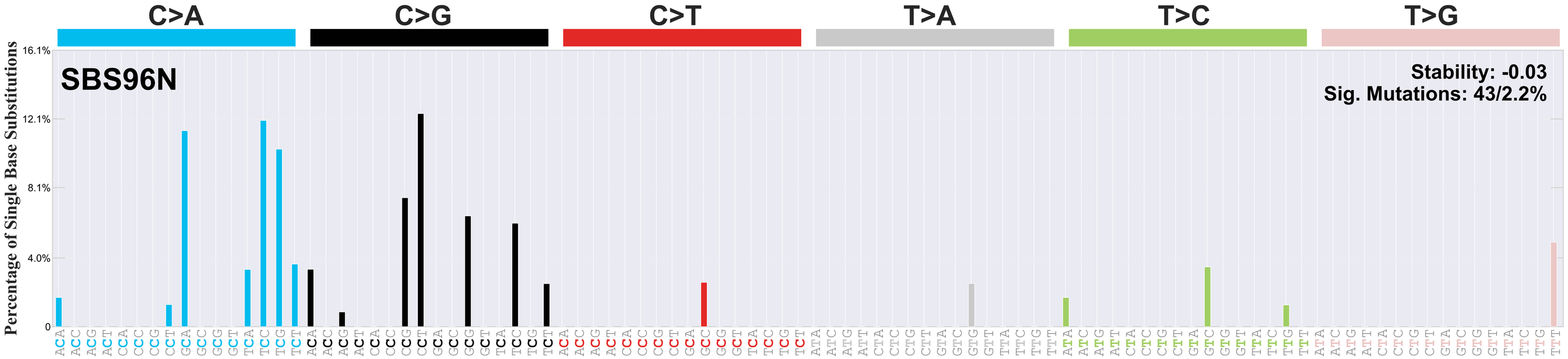

C>A
C>G
C>T
T>A
T>C
T>G
SBS96I
Stability: 0.08
Sig. Mutations: 86/4.4%
Percentage of Single Base Substitutions
22.1%
16.6%
11.0%
5.5%
0
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC 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 ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT

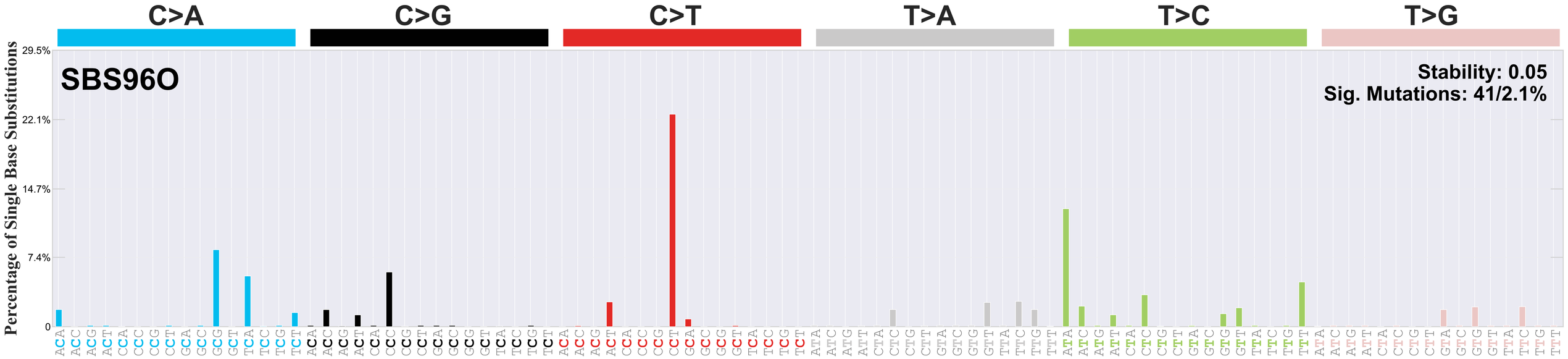

C>A
C>G
C>T
T>A
T>C
T>G
SBS96J
Stability: 0.2
Sig. Mutations: 82/4.2%
Percentage of Single Base Substitutions
46.9%
35.1%
23.4%
11.7%
0

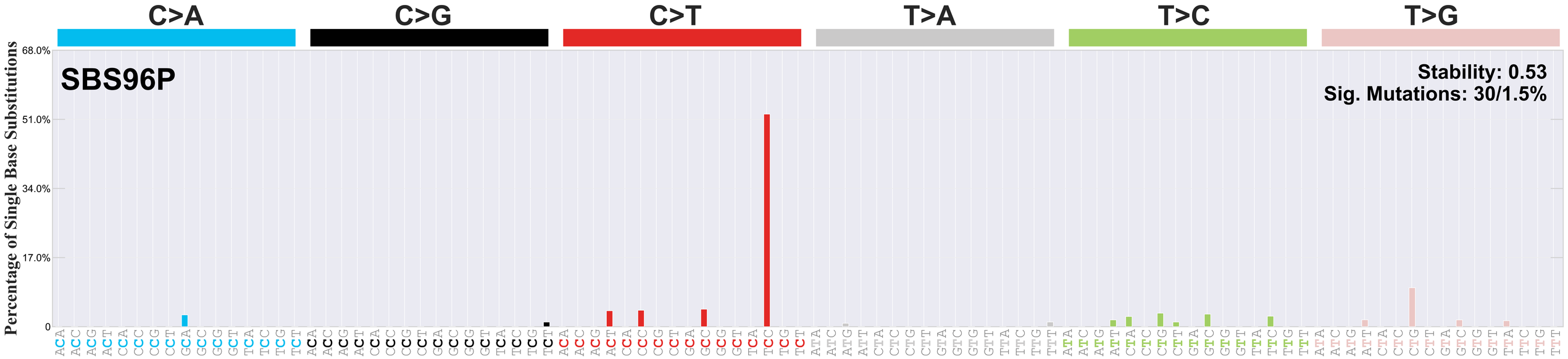

C>A
C>G
C>T
T>A
T>C
T>G
SBS96K
Stability: 0.21
Sig. Mutations: 60/3.1%
Percentage of Single Base Substitutions
53.1%
39.8%
26.5%
13.3%
0

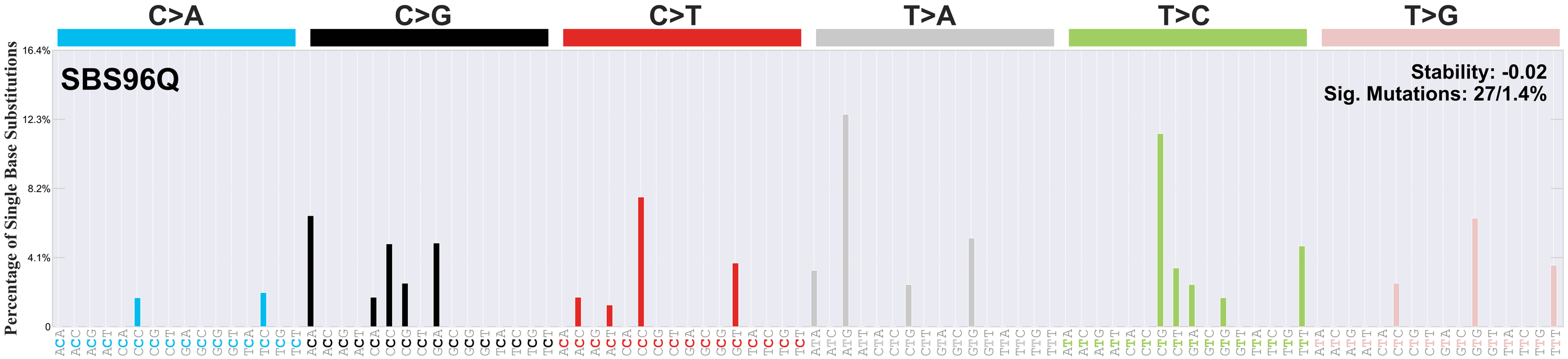

C>A
C>G
C>T
T>A
T>C
T>G
SBS96L
Stability: 0.03
Sig. Mutations: 58/2.9%
Percentage of Single Base Substitutions
19.1%
14.3%
9.5%
4.8%
0
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC 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

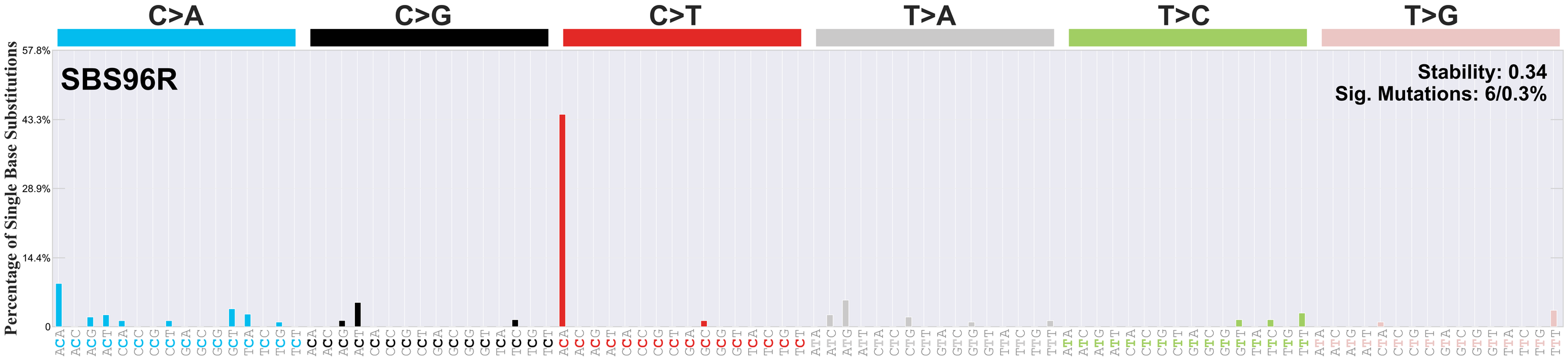

C>A
C>G
C>T
T>A
T>C
T>G
SBS96M
Stability: 0.27
Sig. Mutations: 43/2.2%
Percentage of Single Base Substitutions
41.4%
31.1%
20.7%
10.4%
0


C>A
C>G
C>T
T>A
T>C
T>G
SBS96N
Stability: -0.03
Sig. Mutations: 43/2.2%
Percentage of Single Base Substitutions
16.1%
12.1%
8.1%
4.0%
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
SBS96O
Stability: 0.05
Sig. Mutations: 41/2.1%
Percentage of Single Base Substitutions
29.5%
22.1%
14.7%
7.4%
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 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: 0.53
Sig. Mutations: 30/1.5%
Percentage of Single Base Substitutions
68.0%
51.0%
34.0%
17.0%
0


C>A
C>G
C>T
T>A
T>C
T>G
SBS96Q
Stability: -0.02
Sig. Mutations: 27/1.4%
Percentage of Single Base Substitutions
16.4%
12.3%
8.2%
4.1%
0


C>A
C>G
C>T
T>A
T>C
T>G
SBS96R
Stability: 0.34
Sig. Mutations: 6/0.3%
Percentage of Single Base Substitutions
57.8%
43.3%
28.9%
14.4%
0