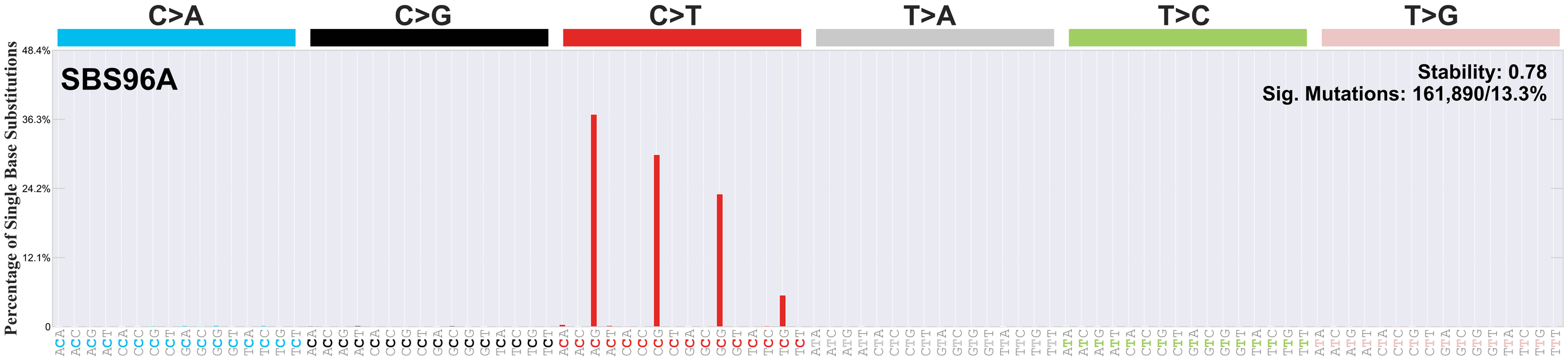
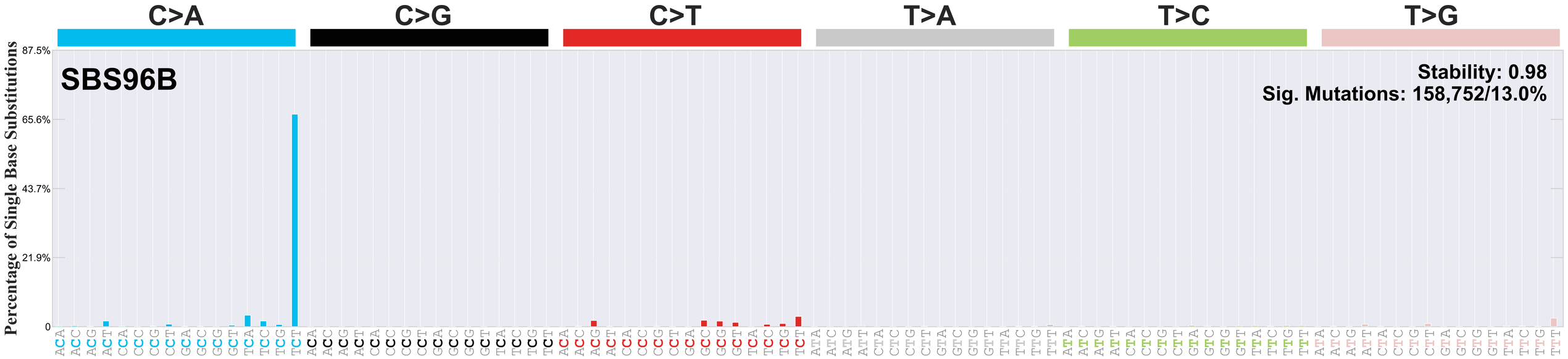
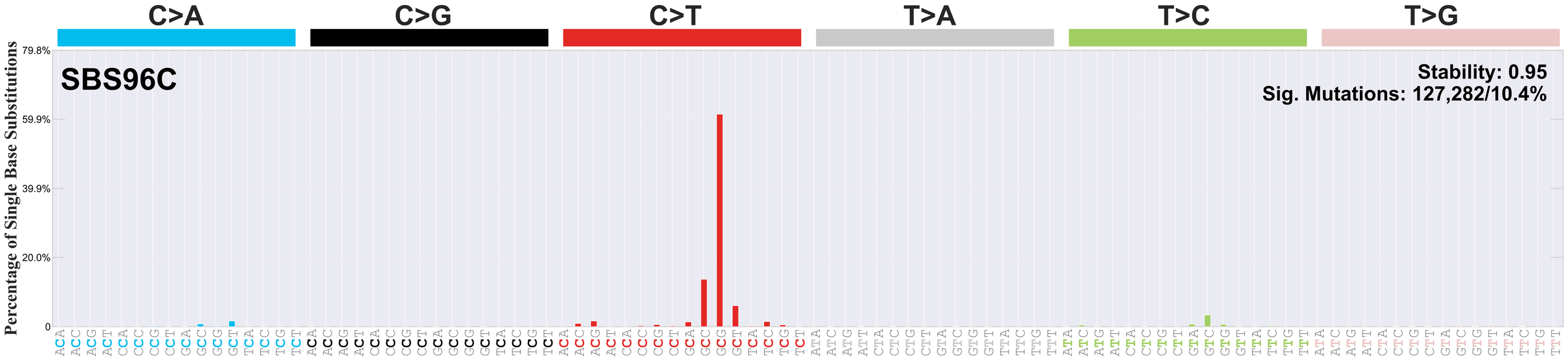
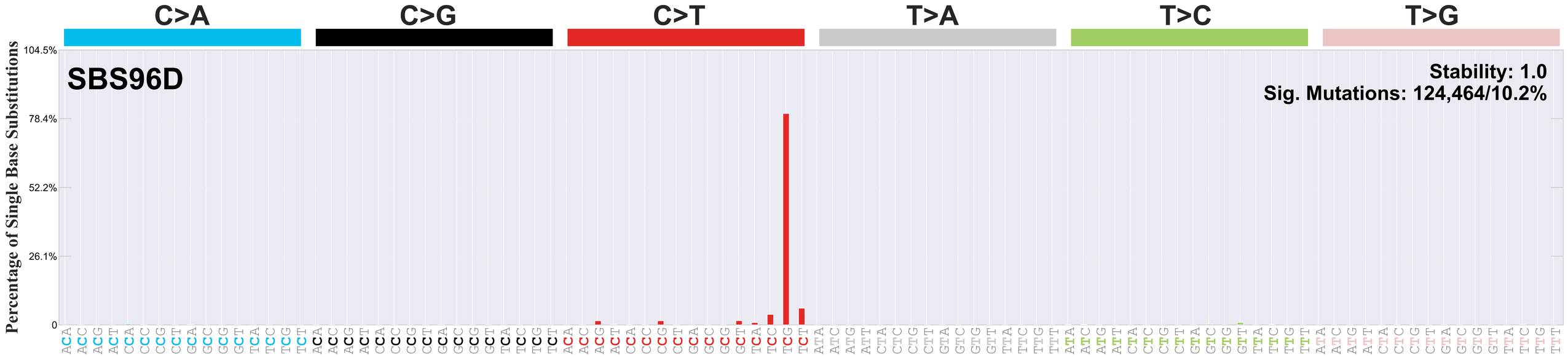
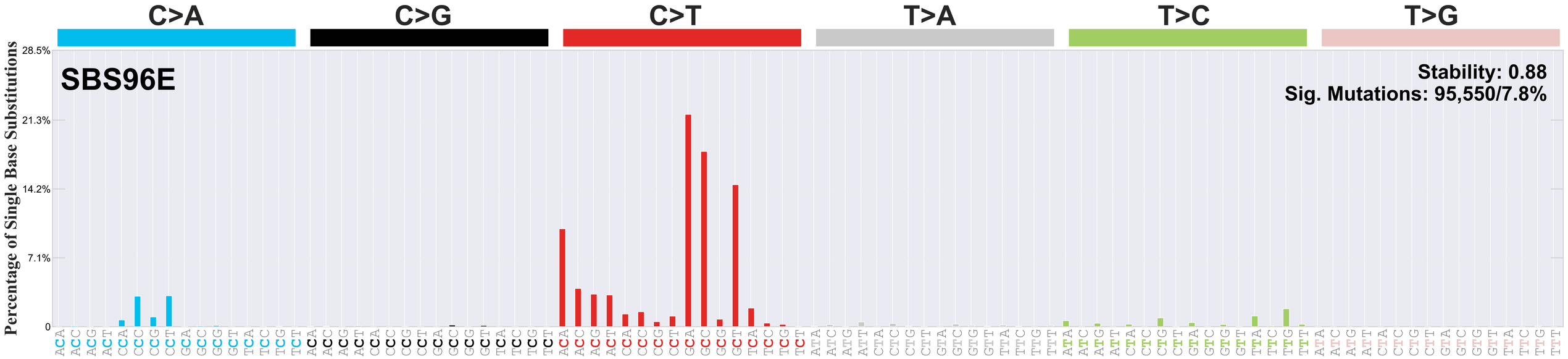
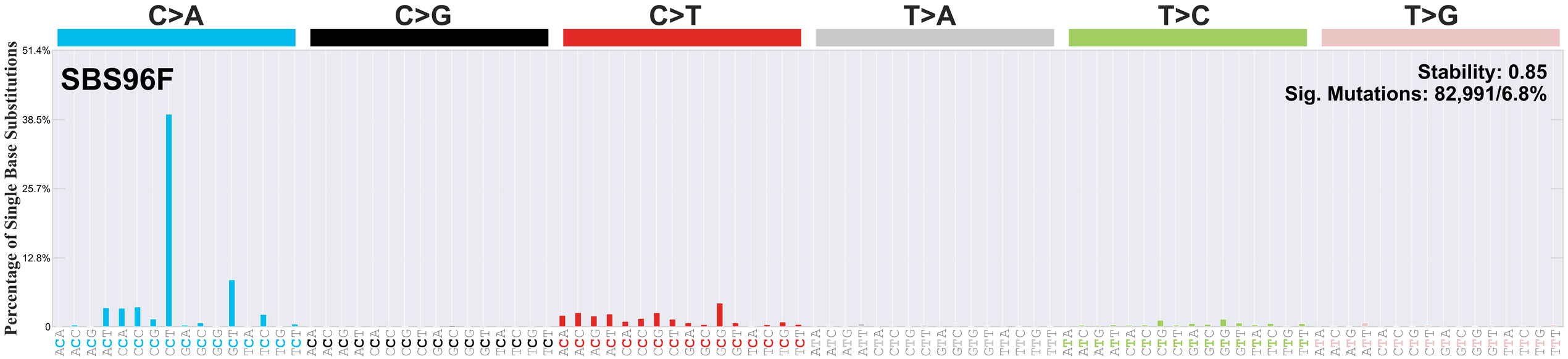

C>A
C>G
C>T
T>A
T>C
T>G
SBS96A
Stability: 0.78
Sig. Mutations: 161,890/13.3%
Percentage of Single Base Substitutions
48.4%
36.3%
24.2%
12.1%
0

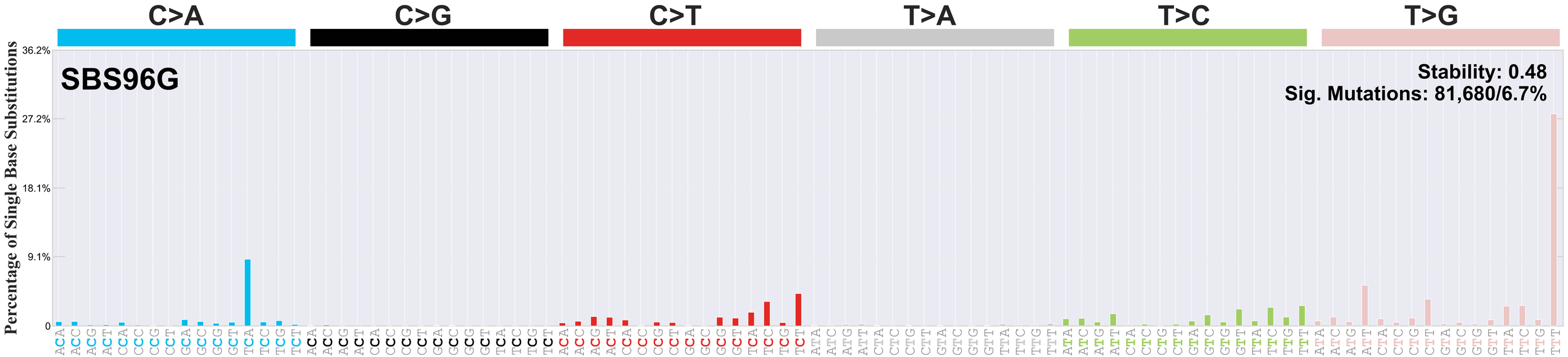

C>A
C>G
C>T
T>A
T>C
T>G
SBS96B
Stability: 0.98
Sig. Mutations: 158,752/13.0%
Percentage of Single Base Substitutions
87.5%
65.6%
43.7%
21.9%
0

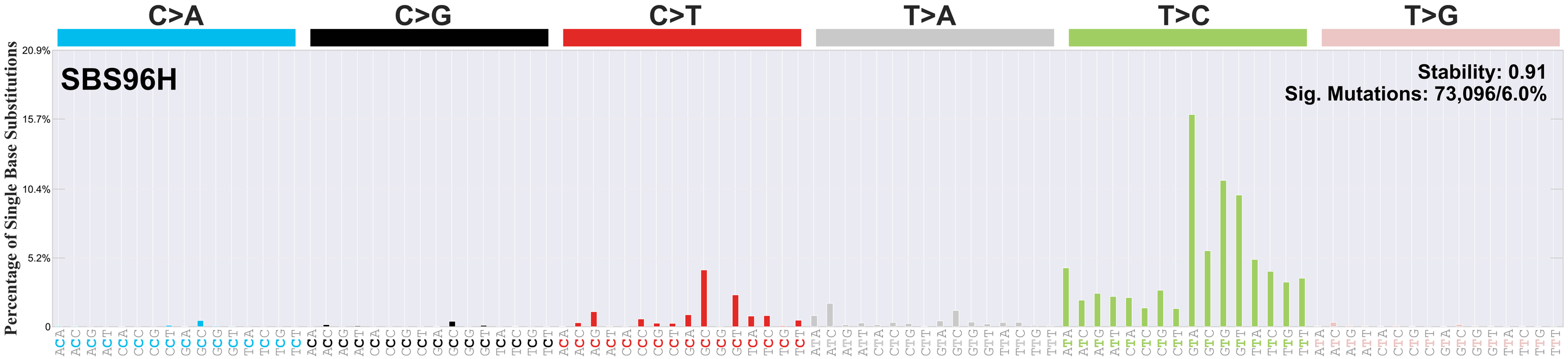

C>A
C>G
C>T
T>A
T>C
T>G
SBS96C
Stability: 0.95
Sig. Mutations: 127,282/10.4%
Percentage of Single Base Substitutions
79.8%
59.9%
39.9%
20.0%
0

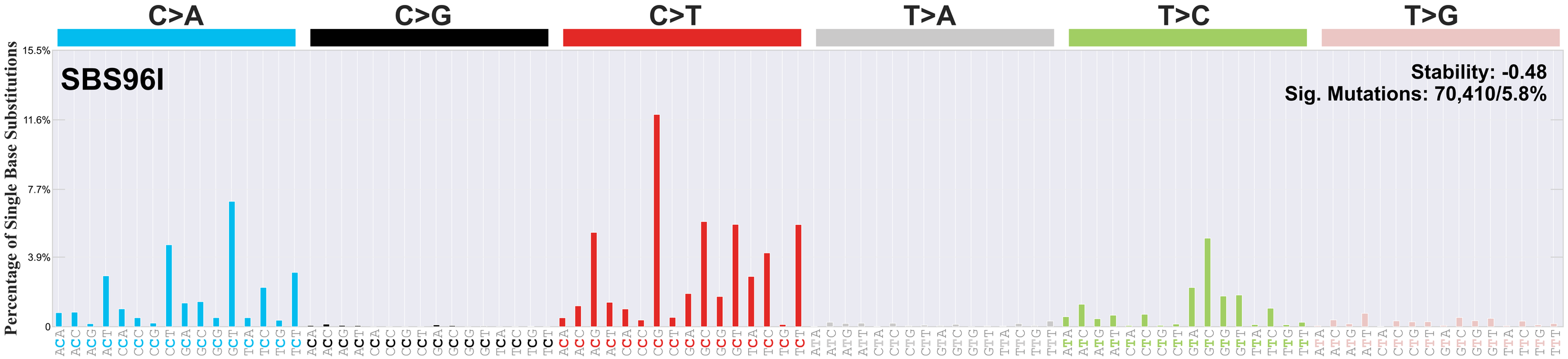

C>A
C>G
C>T
T>A
T>C
T>G
SBS96D
Stability: 1.0
Sig. Mutations: 124,464/10.2%
Percentage of Single Base Substitutions
104.5%
78.4%
52.2%
26.1%
0

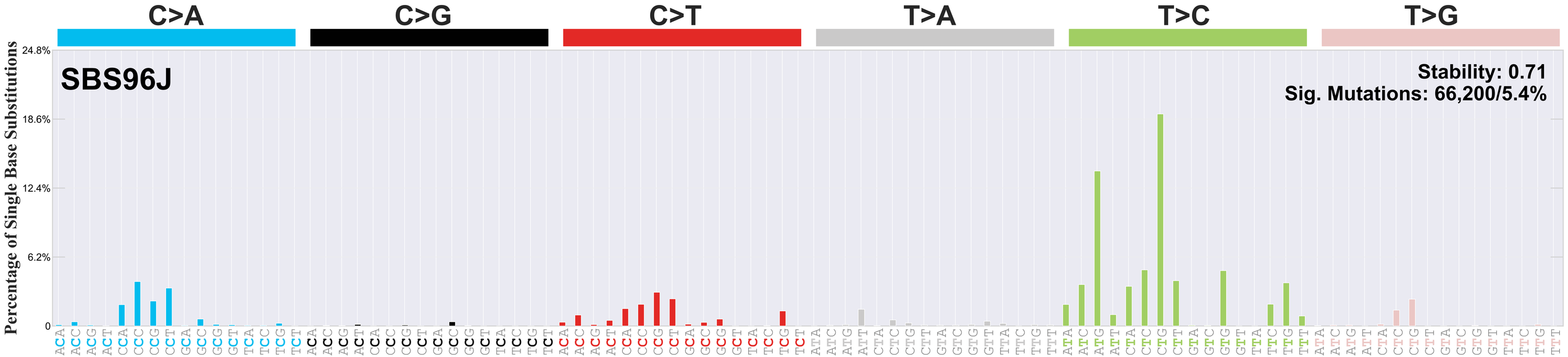

C>A
C>G
C>T
T>A
T>C
T>G
SBS96E
Stability: 0.88
Sig. Mutations: 95,550/7.8%
Percentage of Single Base Substitutions
28.5%
21.3%
14.2%
7.1%
0

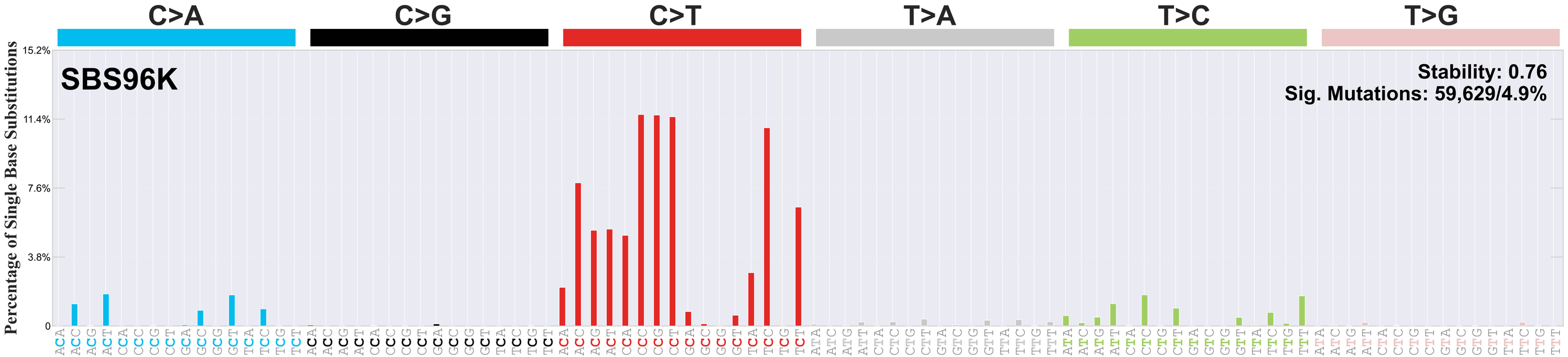

C>A
C>G
C>T
T>A
T>C
T>G
SBS96F
Stability: 0.85
Sig. Mutations: 82,991/6.8%
Percentage of Single Base Substitutions
51.4%
38.5%
25.7%
12.8%
0

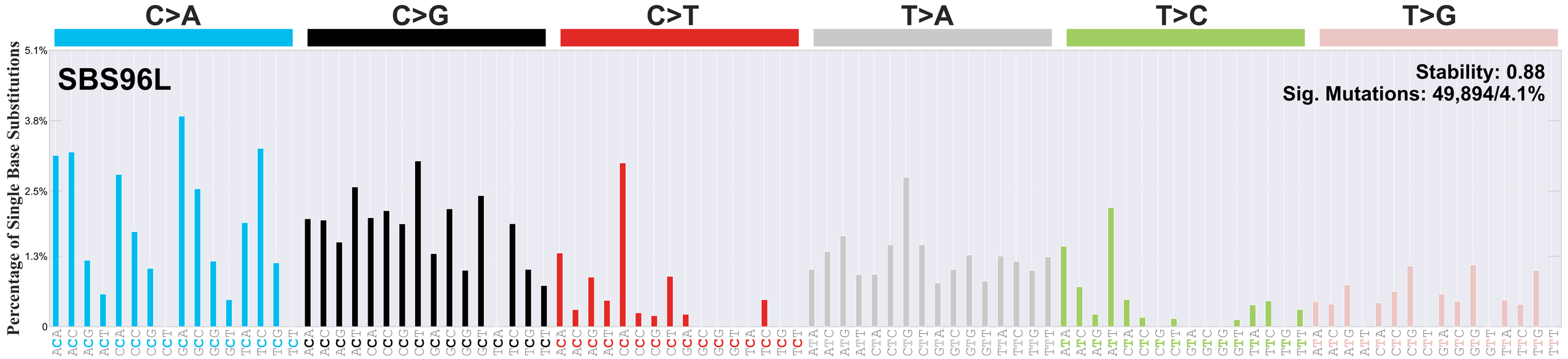

C>A
C>G
C>T
T>A
T>C
T>G
SBS96G
Stability: 0.48
Sig. Mutations: 81,680/6.7%
Percentage of Single Base Substitutions
36.2%
27.2%
18.1%
9.1%
0
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA 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


C>A
C>G
C>T
T>A
T>C
T>G
SBS96H
Stability: 0.91
Sig. Mutations: 73,096/6.0%
Percentage of Single Base Substitutions
20.9%
15.7%
10.4%
5.2%
0


C>A
C>G
C>T
T>A
T>C
T>G
SBS96I
Stability: -0.48
Sig. Mutations: 70,410/5.8%
Percentage of Single Base Substitutions
15.5%
11.6%
7.7%
3.9%
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
SBS96J
Stability: 0.71
Sig. Mutations: 66,200/5.4%
Percentage of Single Base Substitutions
24.8%
18.6%
12.4%
6.2%
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


C>A
C>G
C>T
T>A
T>C
T>G
SBS96K
Stability: 0.76
Sig. Mutations: 59,629/4.9%
Percentage of Single Base Substitutions
15.2%
11.4%
7.6%
3.8%
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
SBS96L
Stability: 0.88
Sig. Mutations: 49,894/4.1%
Percentage of Single Base Substitutions
5.1%
3.8%
2.5%
1.3%
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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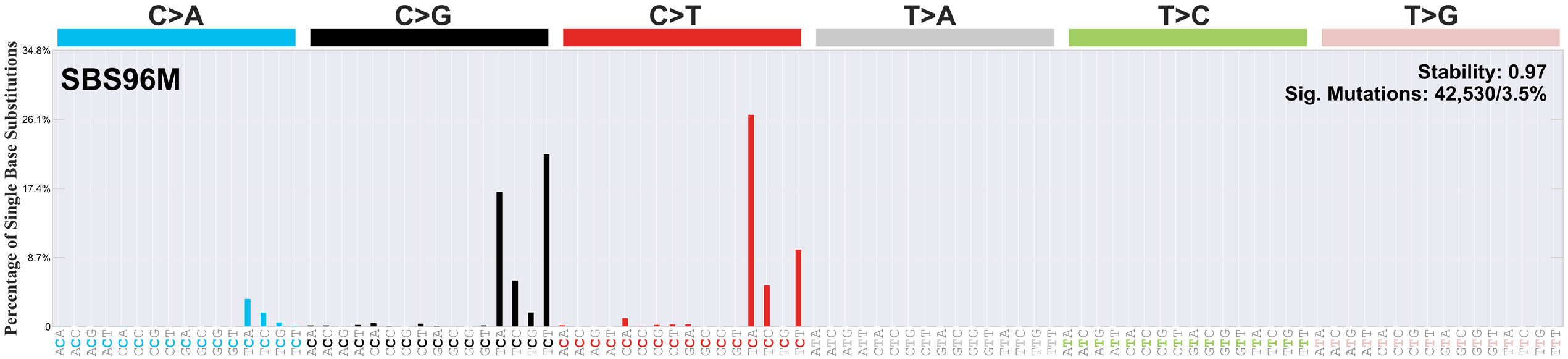
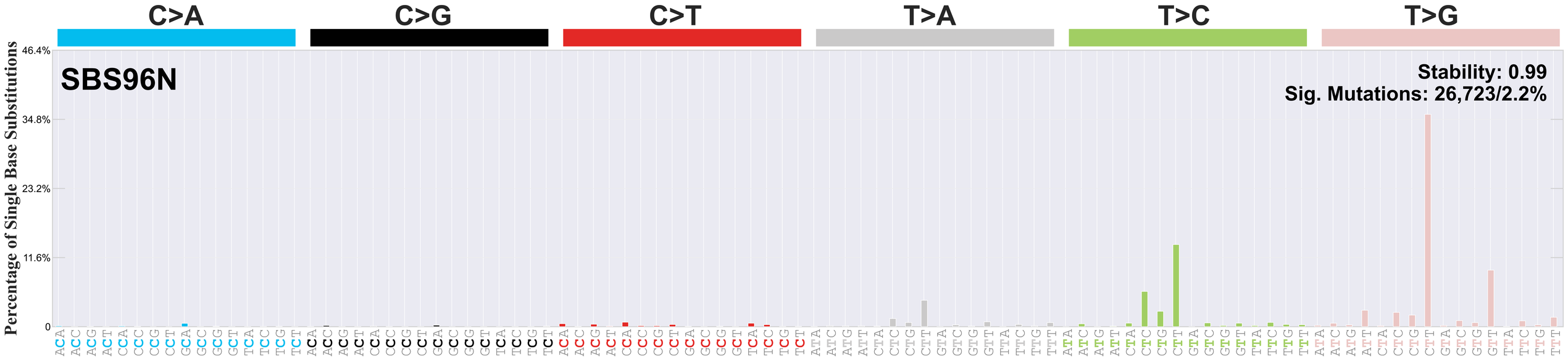

C>A
C>G
C>T
T>A
T>C
T>G
SBS96M
Stability: 0.97
Sig. Mutations: 42,530/3.5%
Percentage of Single Base Substitutions
34.8%
26.1%
17.4%
8.7%
0


C>A
C>G
C>T
T>A
T>C
T>G
SBS96N
Stability: 0.99
Sig. Mutations: 26,723/2.2%
Percentage of Single Base Substitutions
46.4%
34.8%
23.2%
11.6%
0