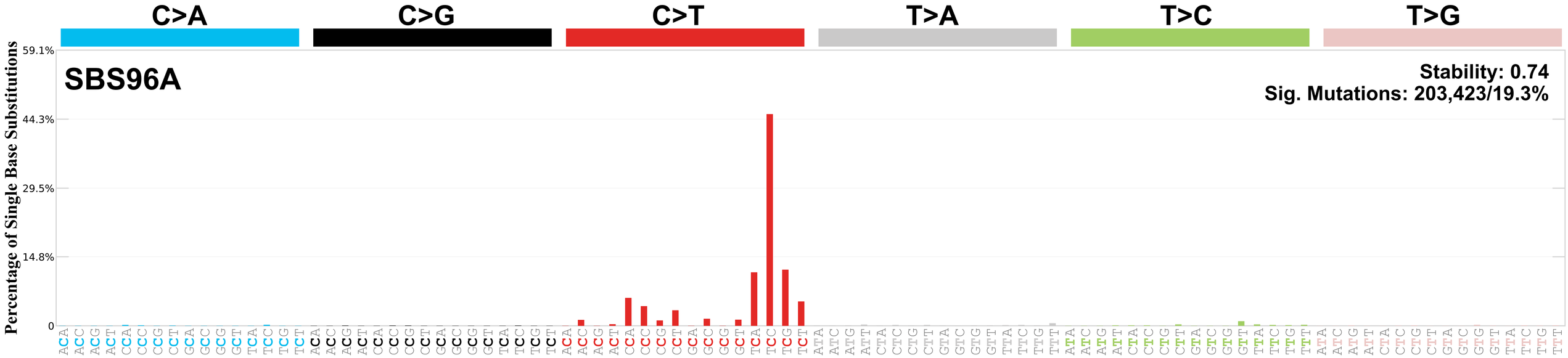
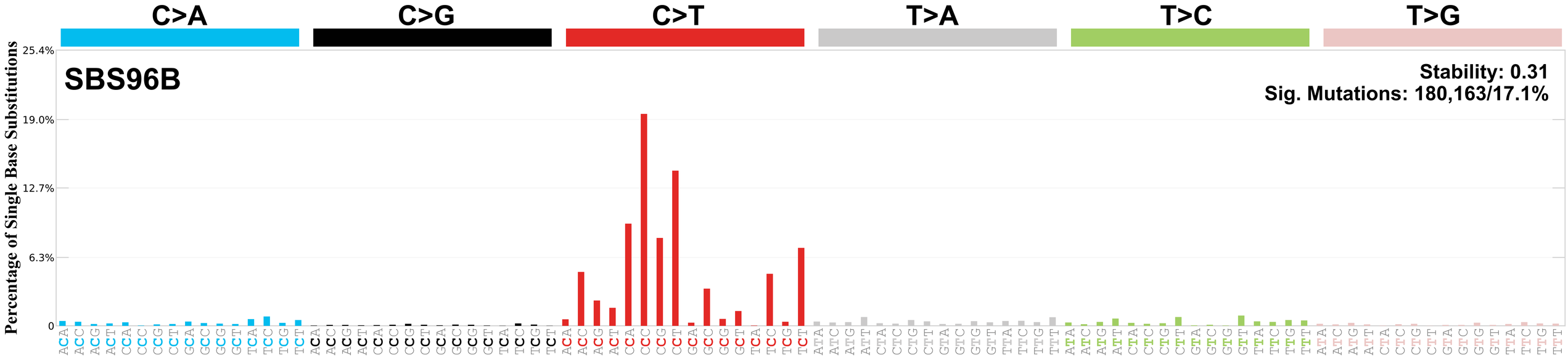

C>A
C>G
C>T
T>A
T>C
T>G
SBS96A
Stability: 0.74
Sig. Mutations: 203,423/19.3%
Percentage of Single Base Substitutions
59.1%
44.3%
29.5%
14.8%
0


C>A
C>G
C>T
T>A
T>C
T>G
SBS96B
Stability: 0.31
Sig. Mutations: 180,163/17.1%
Percentage of Single Base Substitutions
25.4%
19.0%
12.7%
6.3%
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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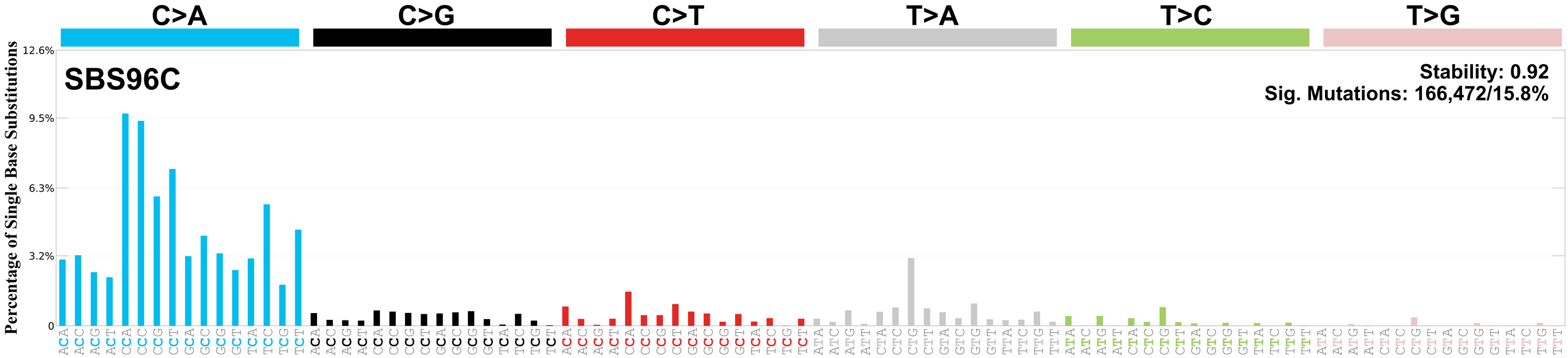
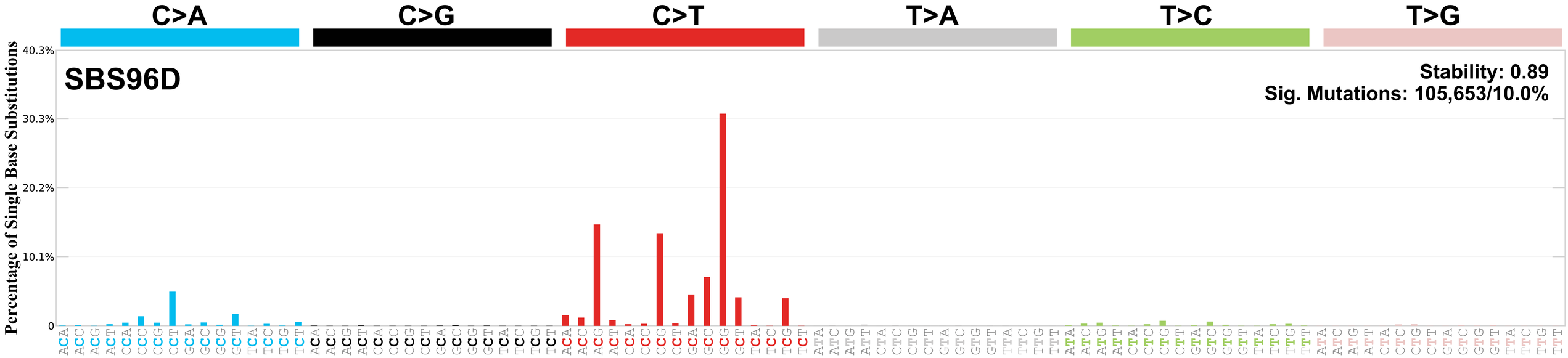
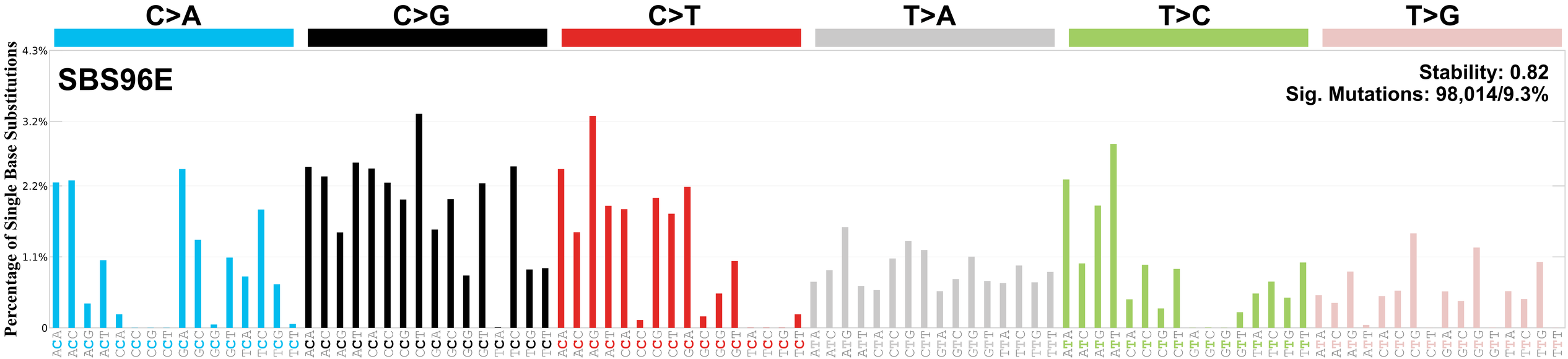
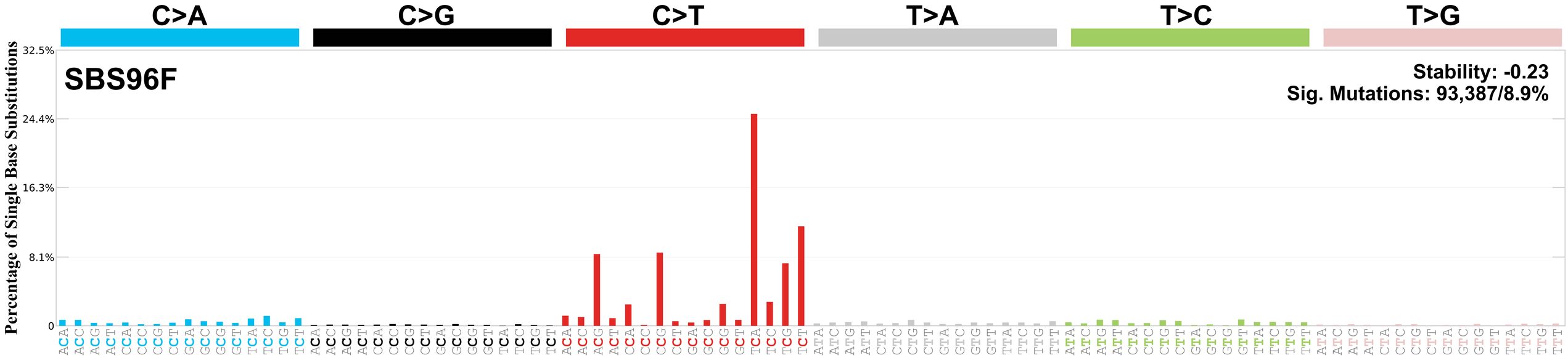

C>A
C>G
C>T
T>A
T>C
T>G
SBS96C
Stability: 0.92
Sig. Mutations: 166,472/15.8%
Percentage of Single Base Substitutions
12.6%
9.5%
6.3%
3.2%
0
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA 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
SBS96D
Stability: 0.89
Sig. Mutations: 105,653/10.0%
Percentage of Single Base Substitutions
40.3%
30.3%
20.2%
10.1%
0


C>A
C>G
C>T
T>A
T>C
T>G
SBS96E
Stability: 0.82
Sig. Mutations: 98,014/9.3%
Percentage of Single Base Substitutions
4.3%
3.2%
2.2%
1.1%
0


C>A
C>G
C>T
T>A
T>C
T>G
SBS96F
Stability: -0.23
Sig. Mutations: 93,387/8.9%
Percentage of Single Base Substitutions
32.5%
24.4%
16.3%
8.1%
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
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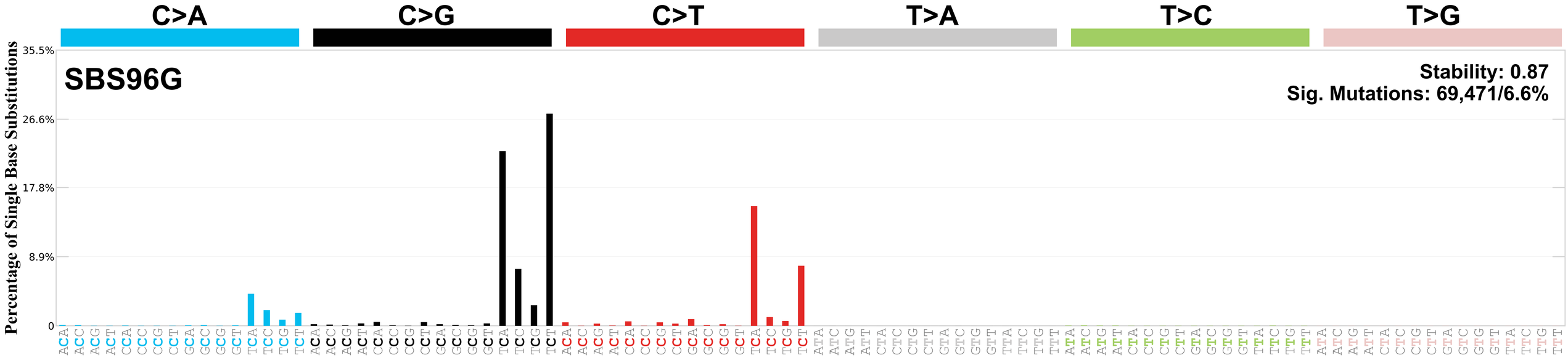
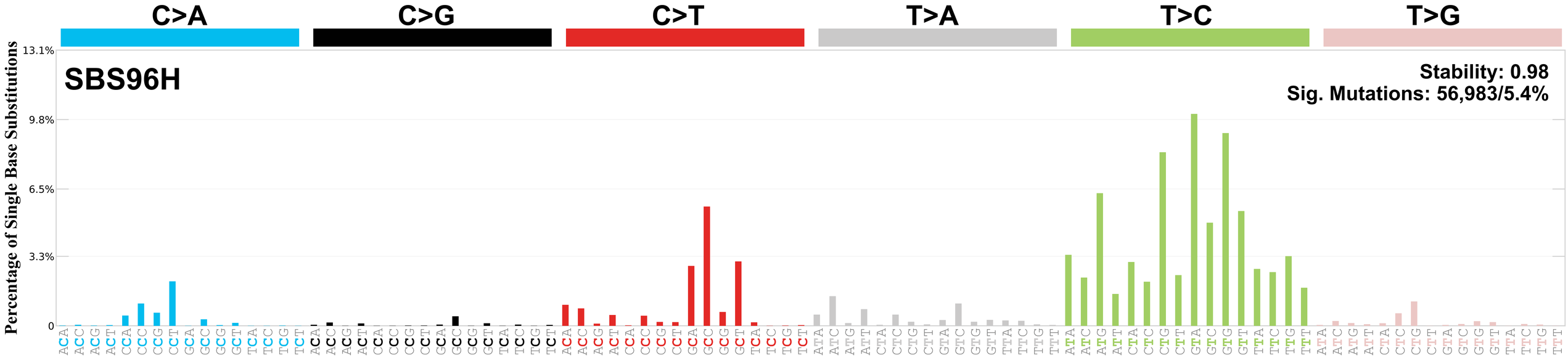
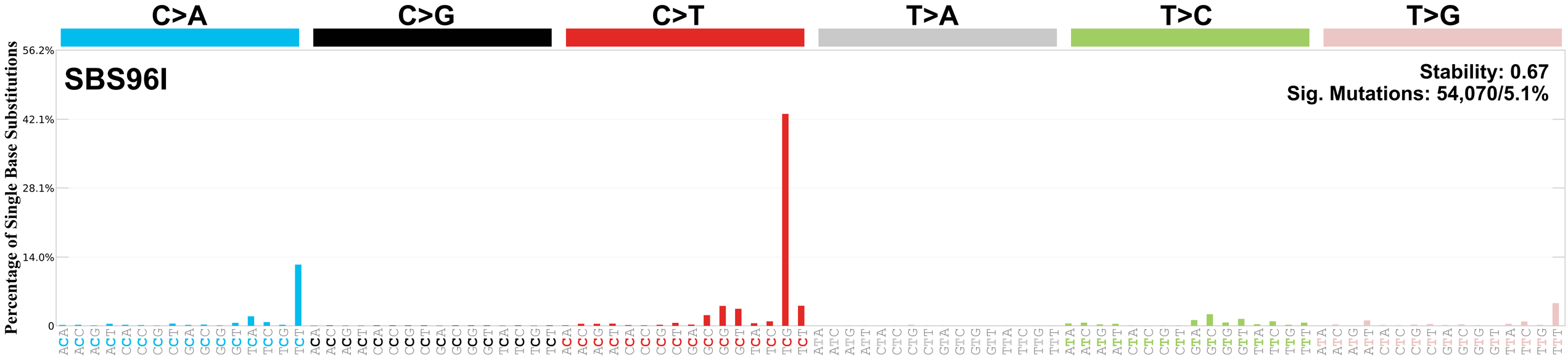
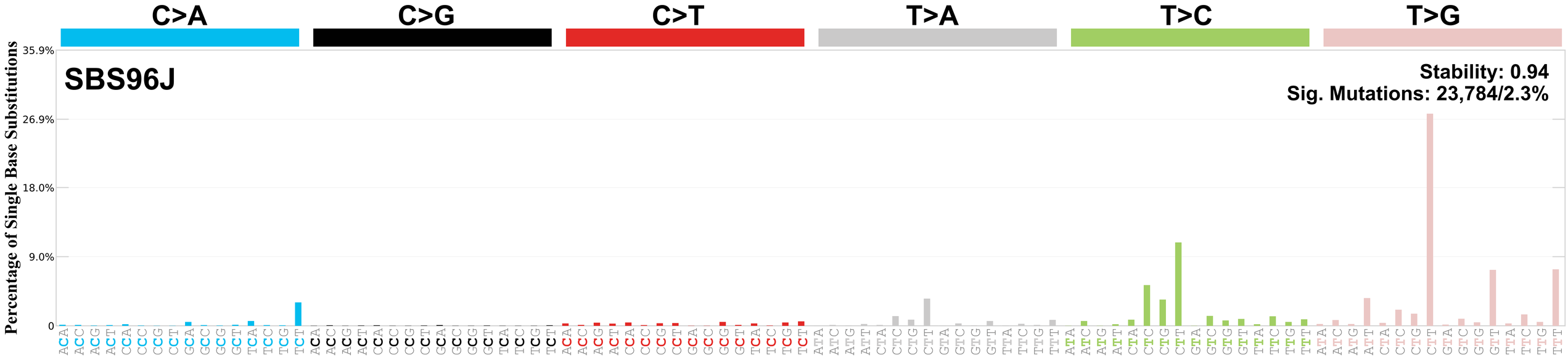

C>A
C>G
C>T
T>A
T>C
T>G
SBS96G
Stability: 0.87
Sig. Mutations: 69,471/6.6%
Percentage of Single Base Substitutions
35.5%
26.6%
17.8%
8.9%
0
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA 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
SBS96H
Stability: 0.98
Sig. Mutations: 56,983/5.4%
Percentage of Single Base Substitutions
13.1%
9.8%
6.5%
3.3%
0


C>A
C>G
C>T
T>A
T>C
T>G
SBS96I
Stability: 0.67
Sig. Mutations: 54,070/5.1%
Percentage of Single Base Substitutions
56.2%
42.1%
28.1%
14.0%
0


C>A
C>G
C>T
T>A
T>C
T>G
SBS96J
Stability: 0.94
Sig. Mutations: 23,784/2.3%
Percentage of Single Base Substitutions
35.9%
26.9%
18.0%
9.0%
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