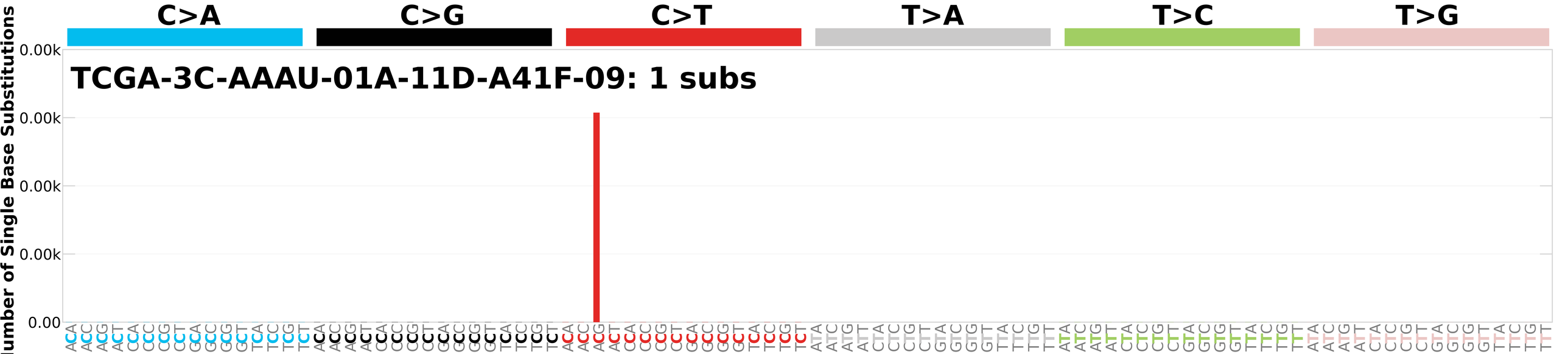
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C>T
T>A
T>C
T>G
TCGA-3C-AAAU-01A-11D-A41F-09: 1 subs
Number of Single Base Substitutions
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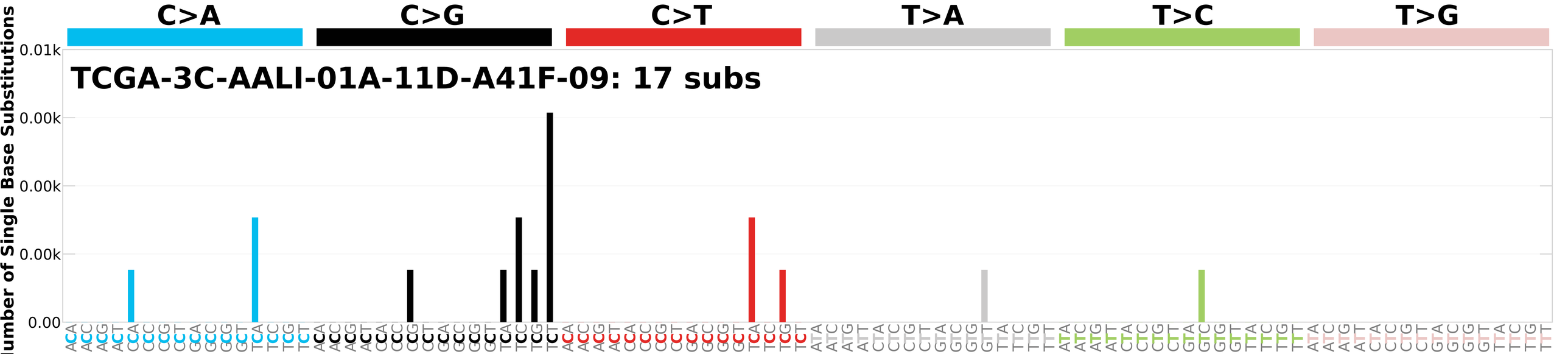
0.00k
0.00k
0.00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C>T
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T>C
T>G
TCGA-3C-AALI-01A-11D-A41F-09: 17 subs
Number of Single Base Substitutions
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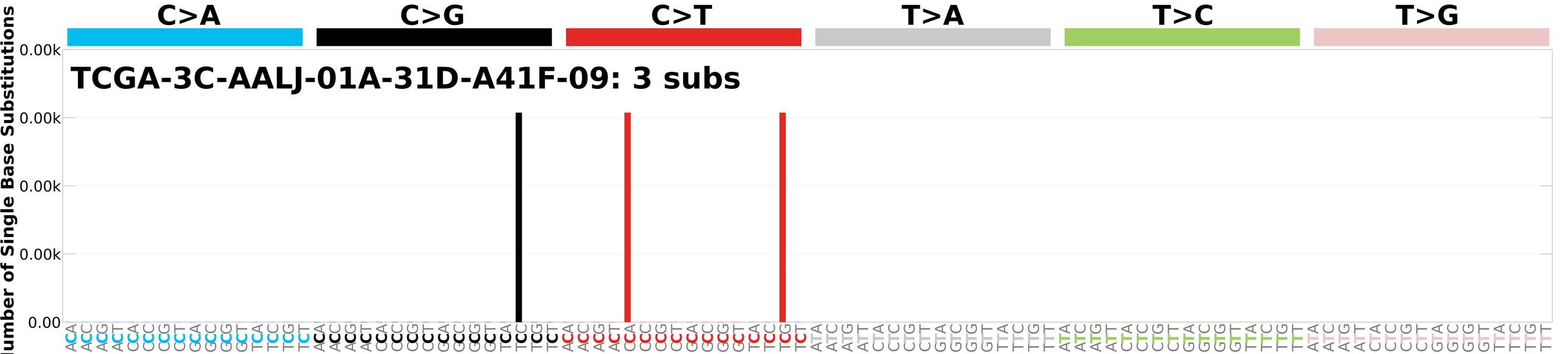
0.00k
0.00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C>G
C>T
T>A
T>C
T>G
TCGA-3C-AALJ-01A-31D-A41F-09: 3 subs
Number of Single Base Substitutions
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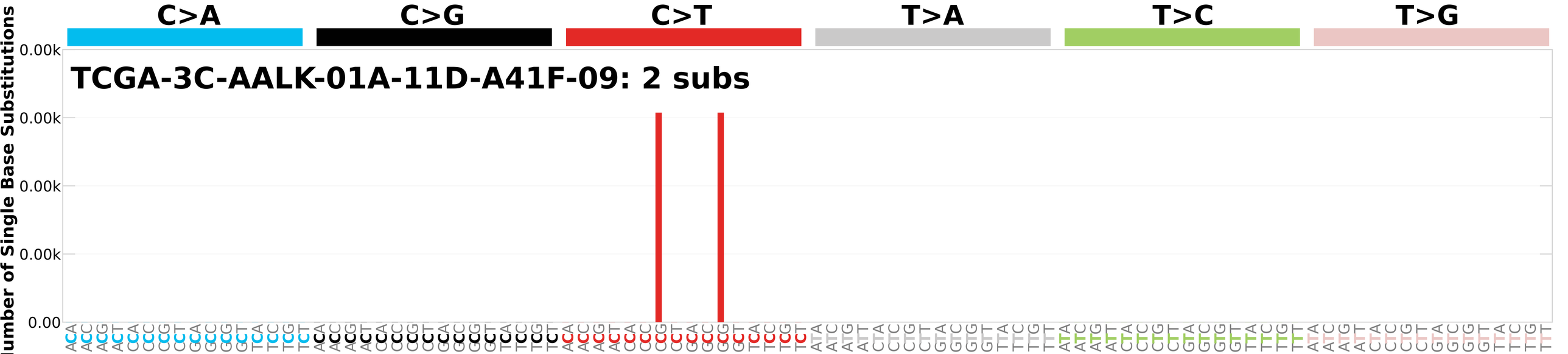
0.00k
0.00k
0.00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C>T
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T>C
T>G
TCGA-3C-AALK-01A-11D-A41F-09: 2 subs
Number of Single Base Substitutions
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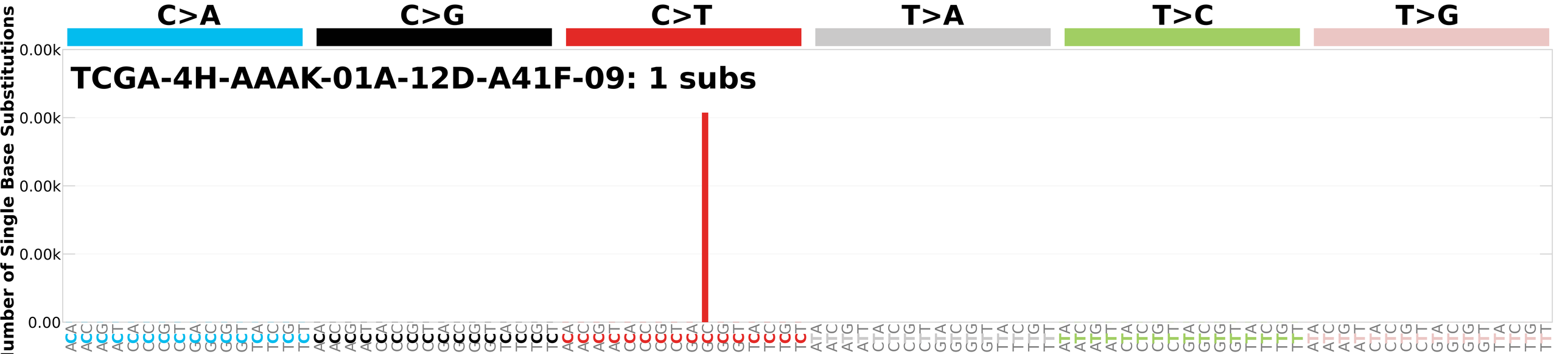
0.00k
0.00k
0.00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T>G
TCGA-4H-AAAK-01A-12D-A41F-09: 1 subs
Number of Single Base Substitutions
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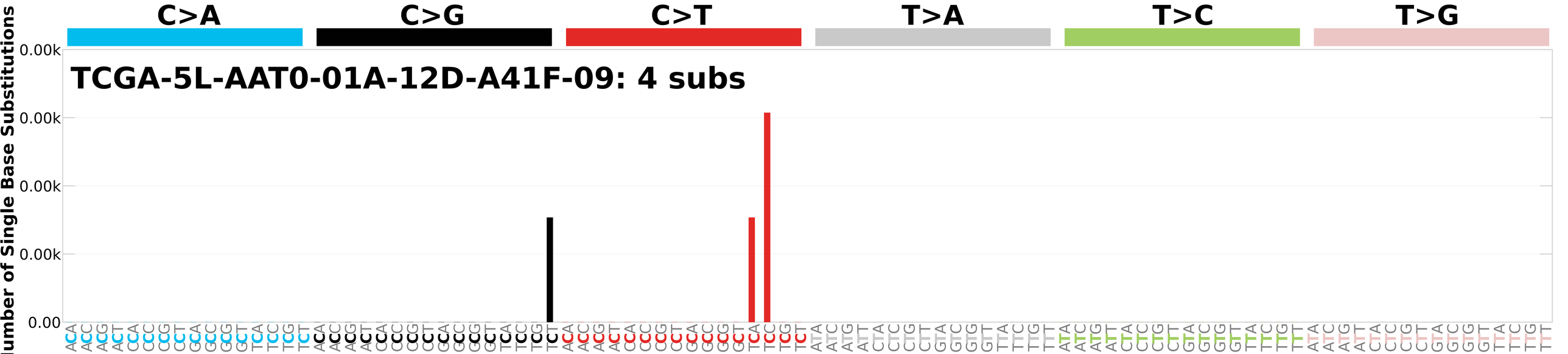
C>A
C>G
C>T
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T>C
T>G
TCGA-5L-AAT0-01A-12D-A41F-09: 4 subs
Number of Single Base Substitutions
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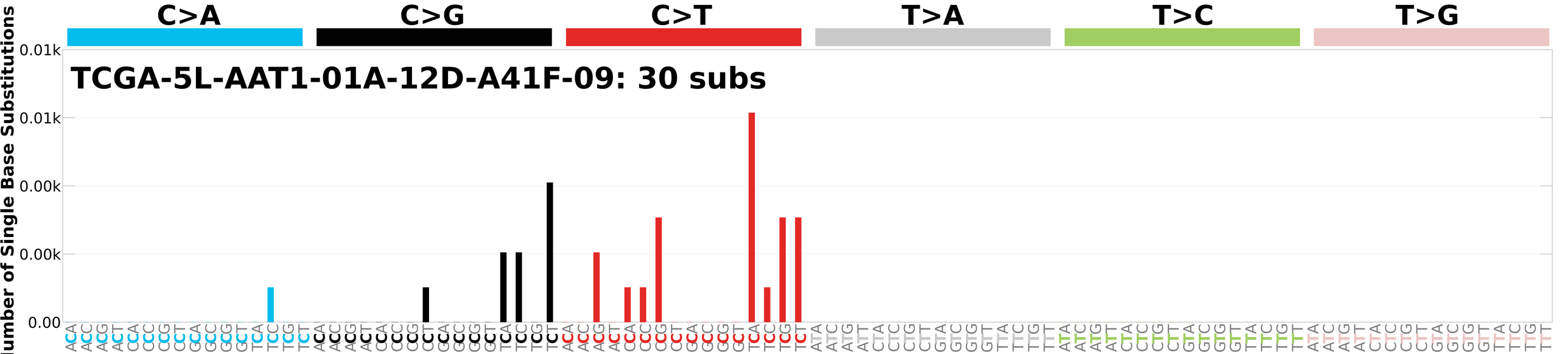
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TCGA-5L-AAT1-01A-12D-A41F-09: 30 subs
Number of Single Base Substitutions
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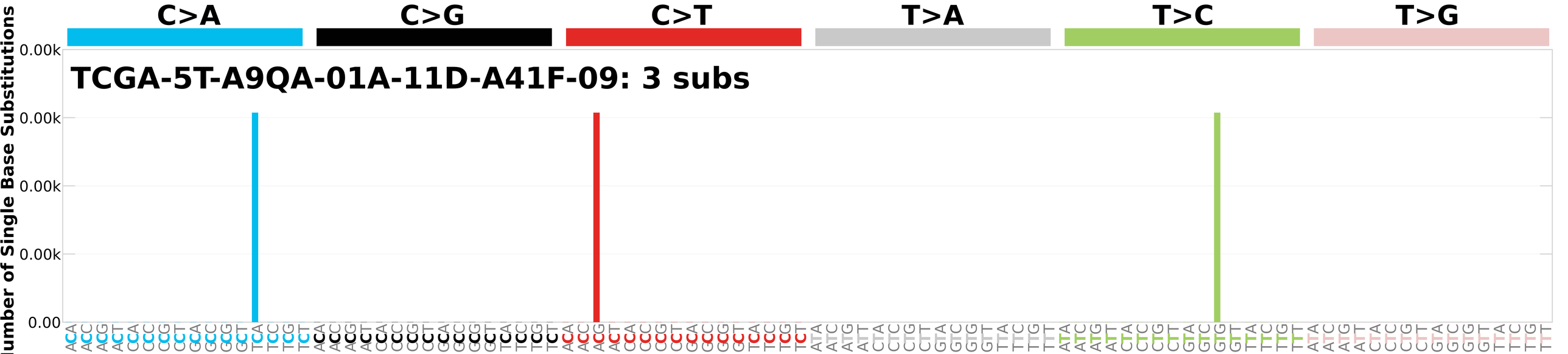
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C>T
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T>C
T>G
TCGA-5T-A9QA-01A-11D-A41F-09: 3 subs
Number of Single Base Substitutions
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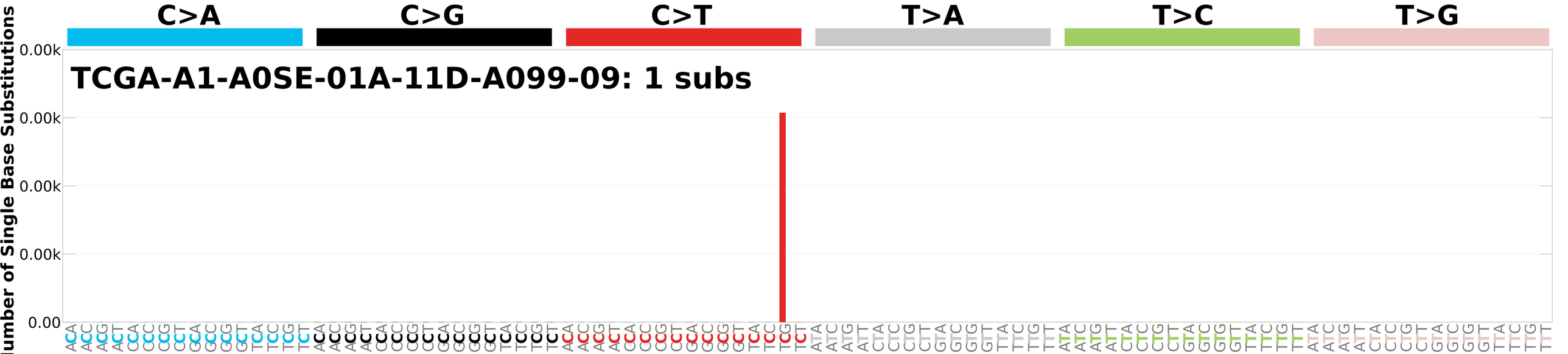
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T>G
TCGA-A1-A0SE-01A-11D-A099-09: 1 subs
Number of Single Base Substitutions
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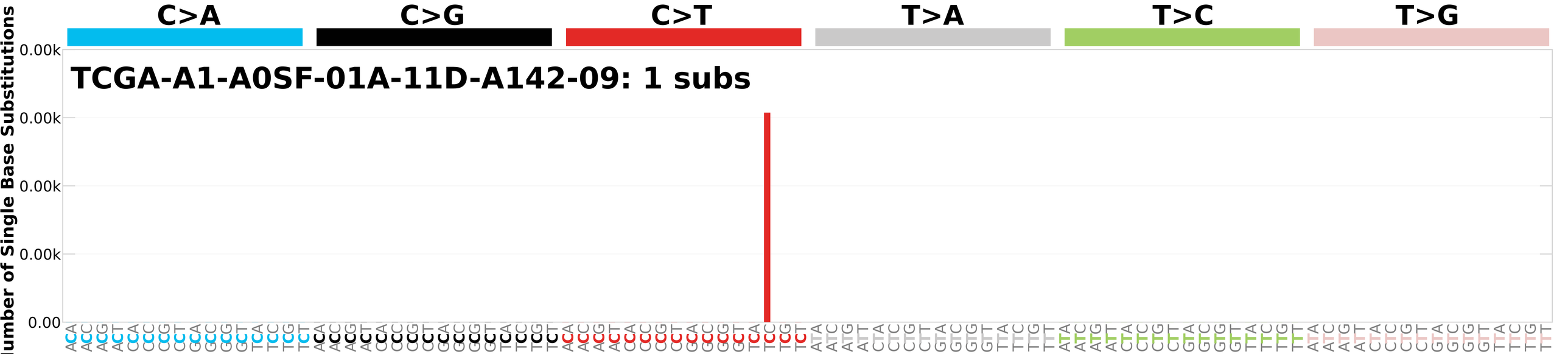
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C>T
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T>G
TCGA-A1-A0SF-01A-11D-A142-09: 1 subs
Number of Single Base Substitutions
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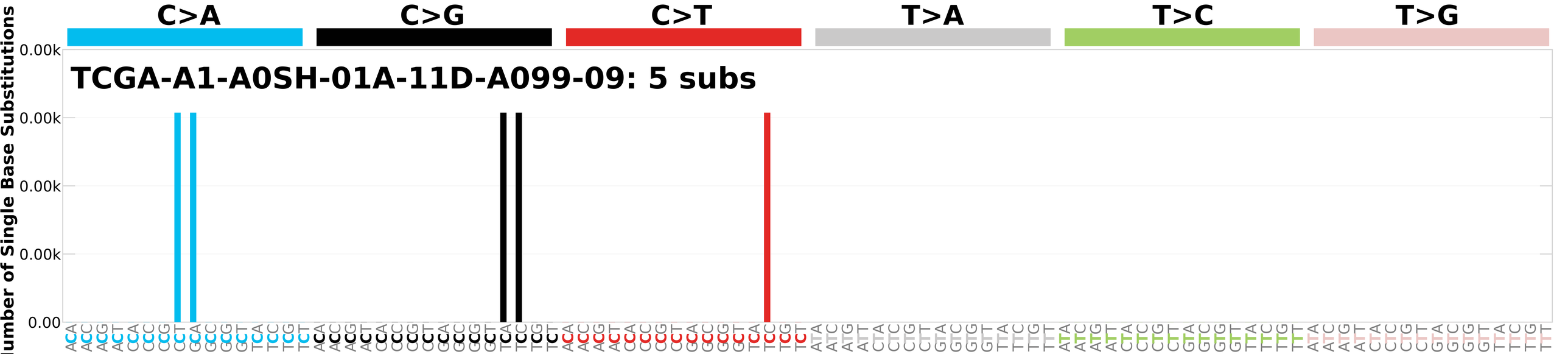
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C>G
C>T
T>A
T>C
T>G
TCGA-A1-A0SH-01A-11D-A099-09: 5 subs
Number of Single Base Substitutions
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0.00k
0.00k
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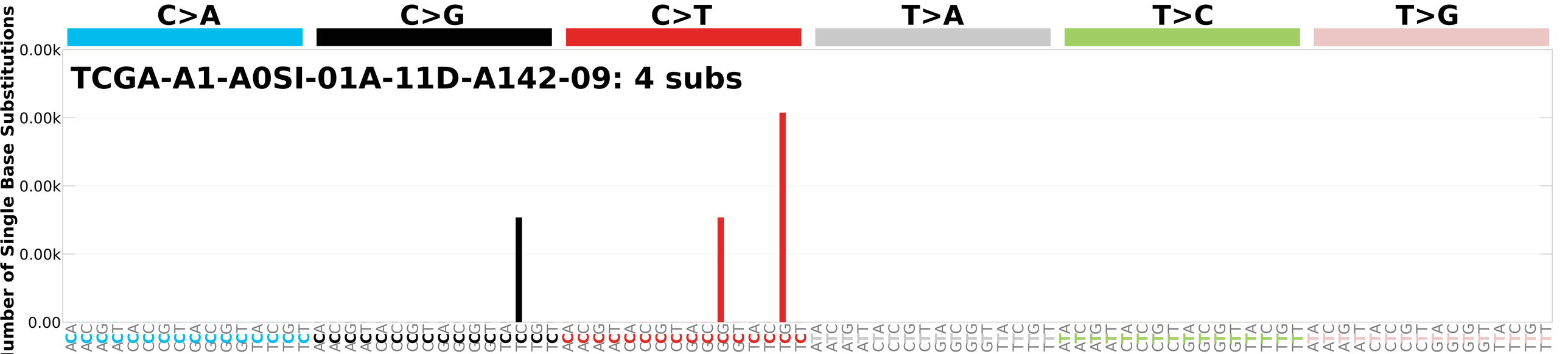
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T>G
TCGA-A1-A0SI-01A-11D-A142-09: 4 subs
Number of Single Base Substitutions
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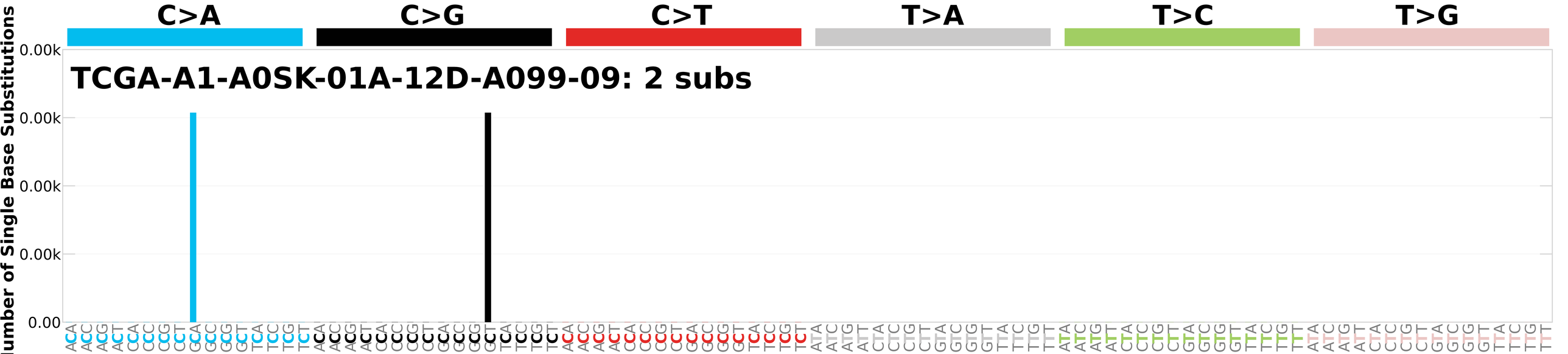
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C>G
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T>C
T>G
TCGA-A1-A0SK-01A-12D-A099-09: 2 subs
Number of Single Base Substitutions
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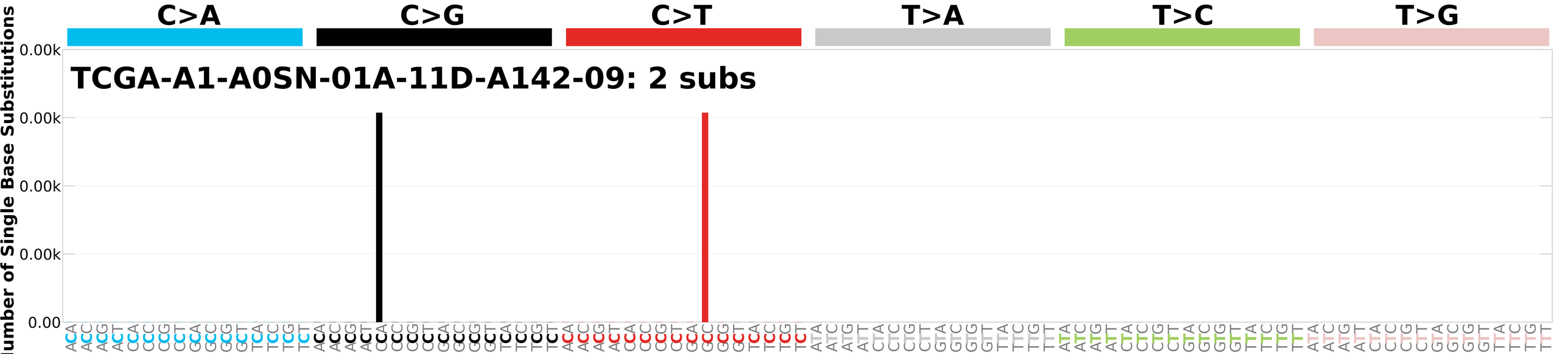
0.00k
0.00k
0.00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C>T
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T>C
T>G
TCGA-A1-A0SN-01A-11D-A142-09: 2 subs
Number of Single Base Substitutions
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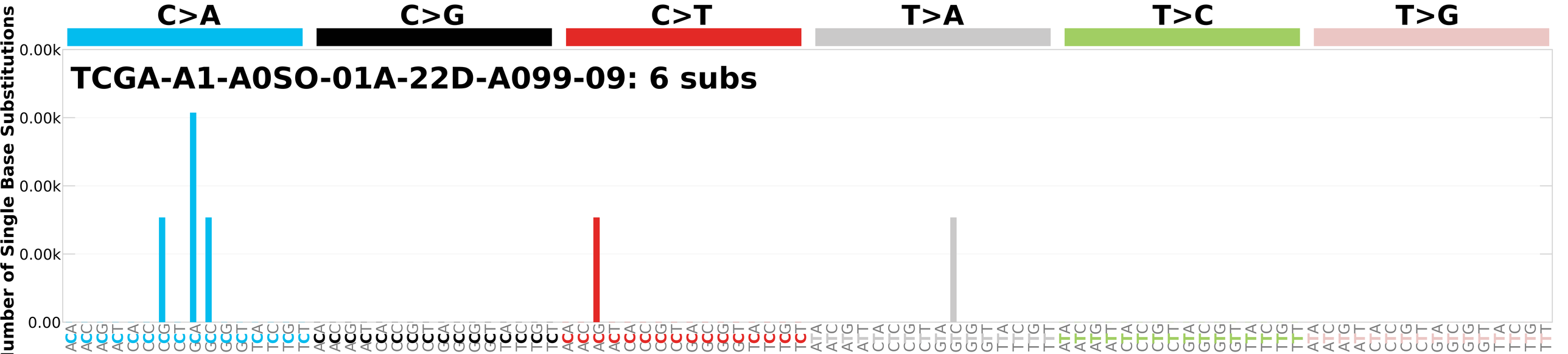
C>A
C>G
C>T
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T>C
T>G
TCGA-A1-A0SO-01A-22D-A099-09: 6 subs
Number of Single Base Substitutions
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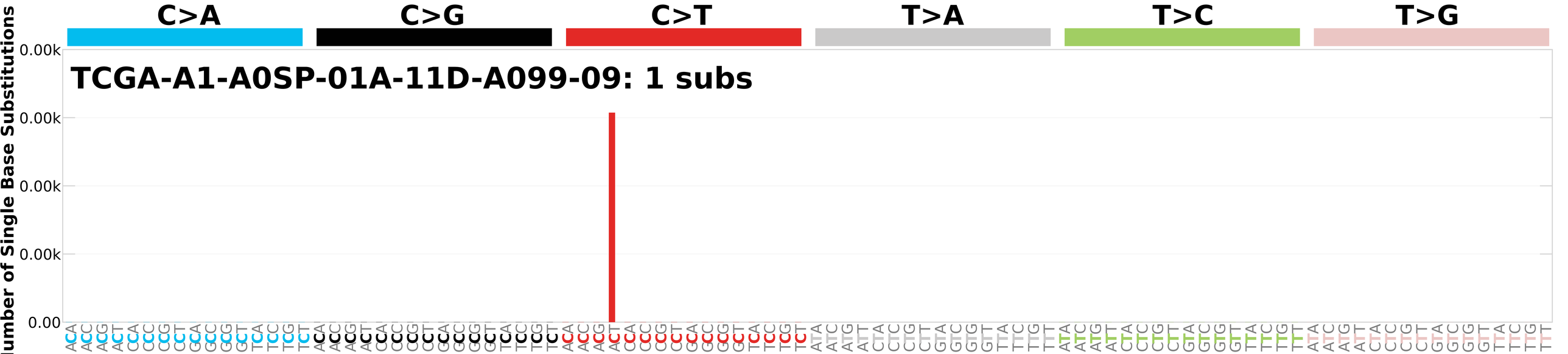
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T>C
T>G
TCGA-A1-A0SP-01A-11D-A099-09: 1 subs
Number of Single Base Substitutions
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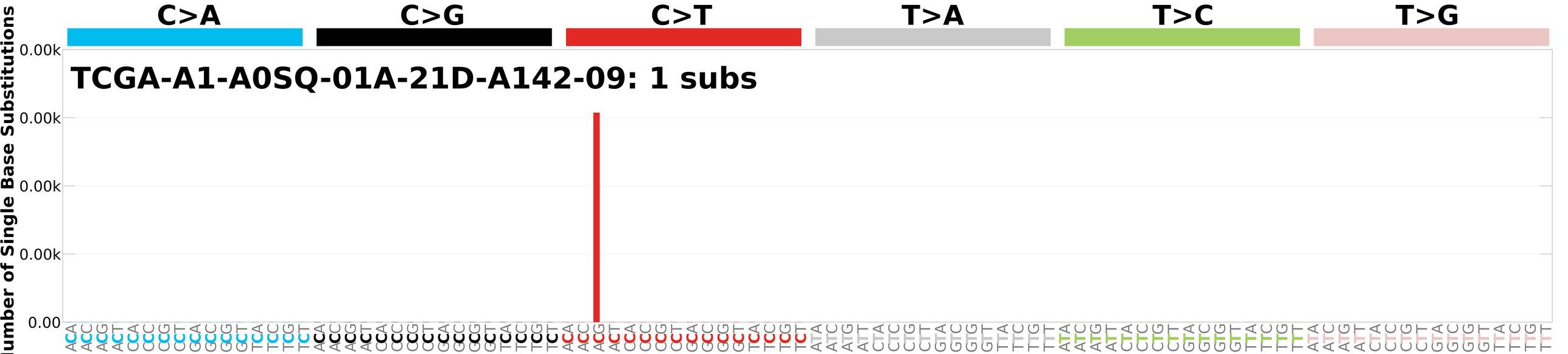
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TCGA-A1-A0SQ-01A-21D-A142-09: 1 subs
Number of Single Base Substitutions
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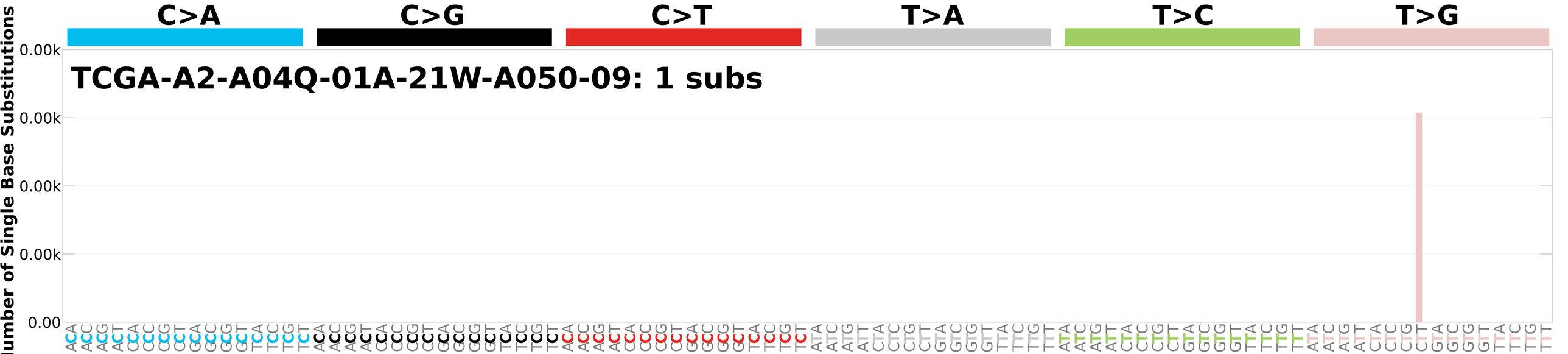
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TCGA-A2-A04Q-01A-21W-A050-09: 1 subs
Number of Single Base Substitutions
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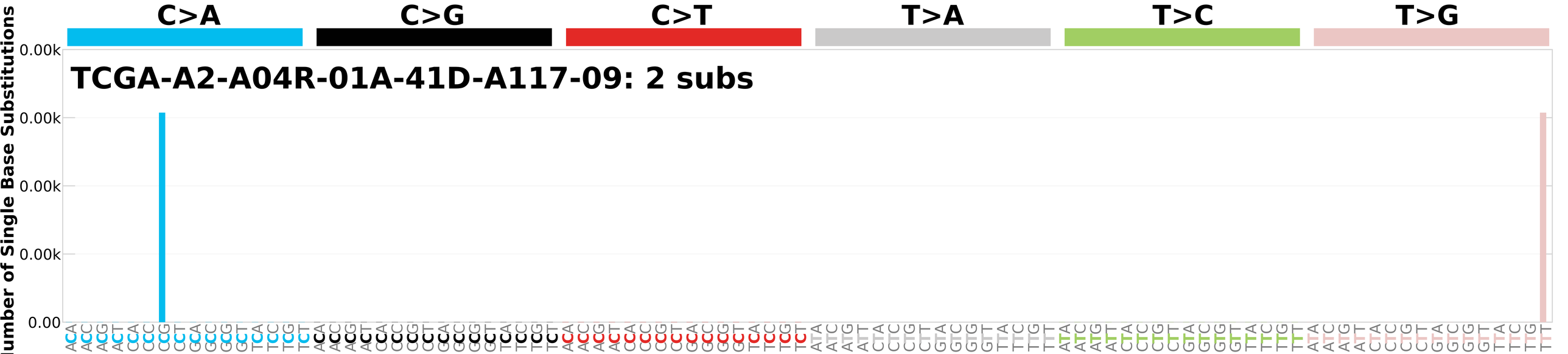
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T>G
TCGA-A2-A04R-01A-41D-A117-09: 2 subs
Number of Single Base Substitutions
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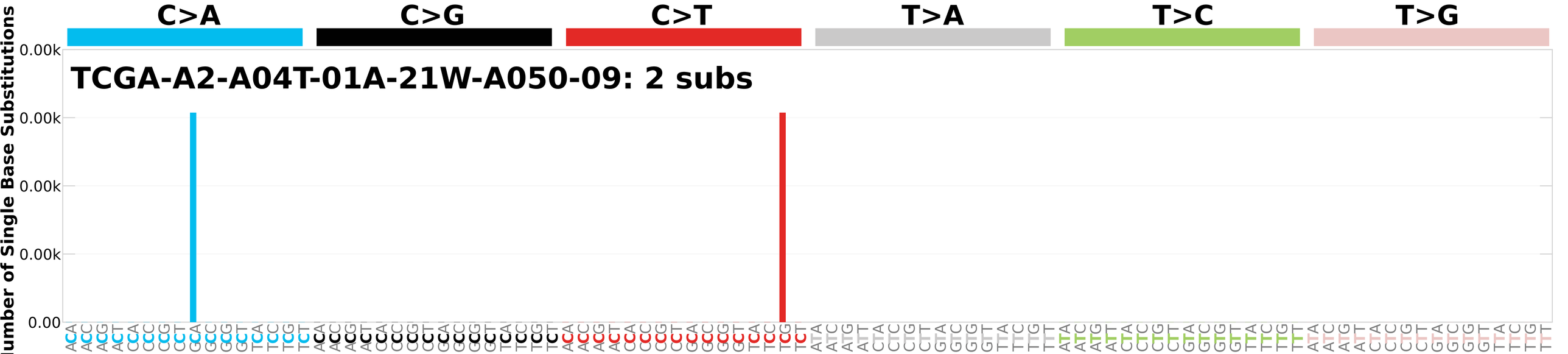
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C>T
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T>C
T>G
TCGA-A2-A04T-01A-21W-A050-09: 2 subs
Number of Single Base Substitutions
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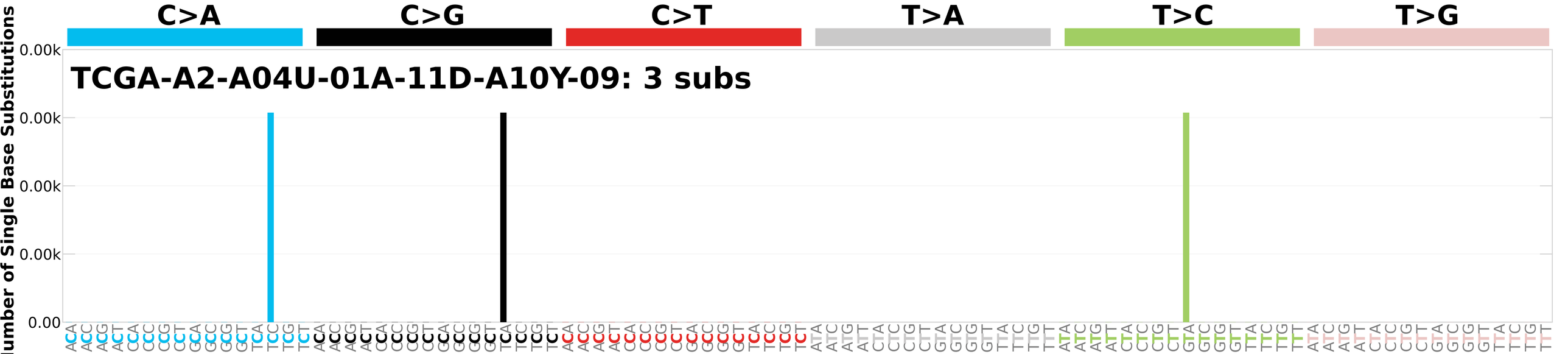
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T>G
TCGA-A2-A04U-01A-11D-A10Y-09: 3 subs
Number of Single Base Substitutions
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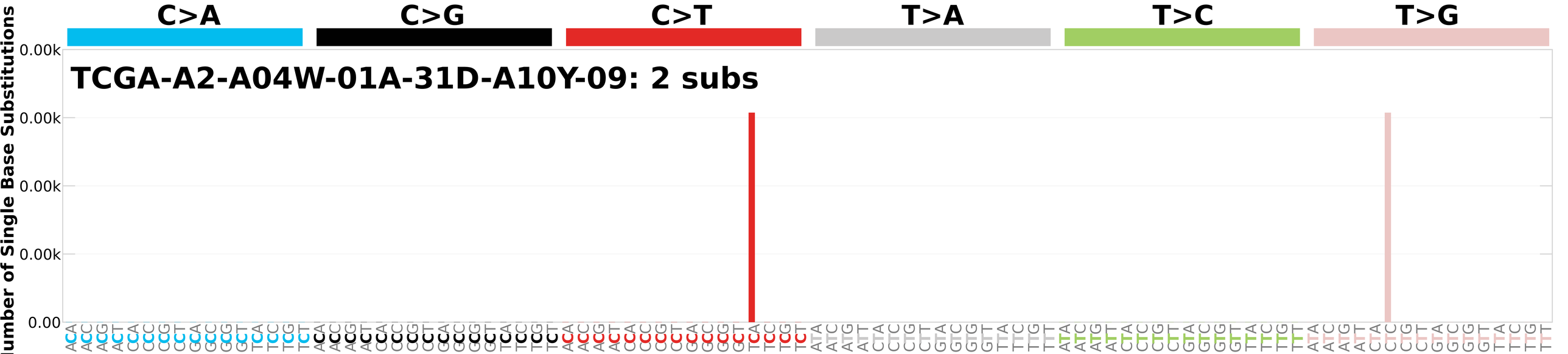
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TCGA-A2-A04W-01A-31D-A10Y-09: 2 subs
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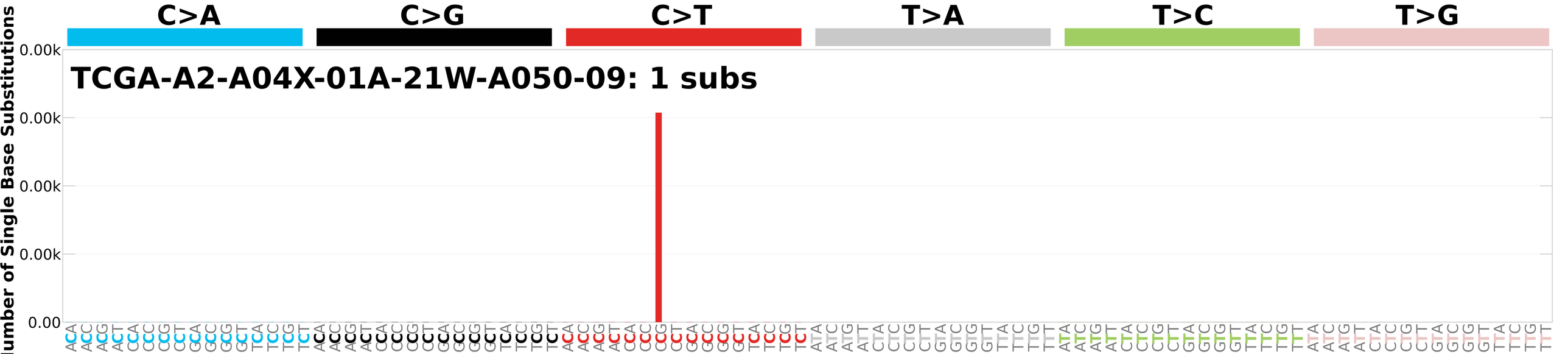
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TCGA-A2-A04X-01A-21W-A050-09: 1 subs
Number of Single Base Substitutions
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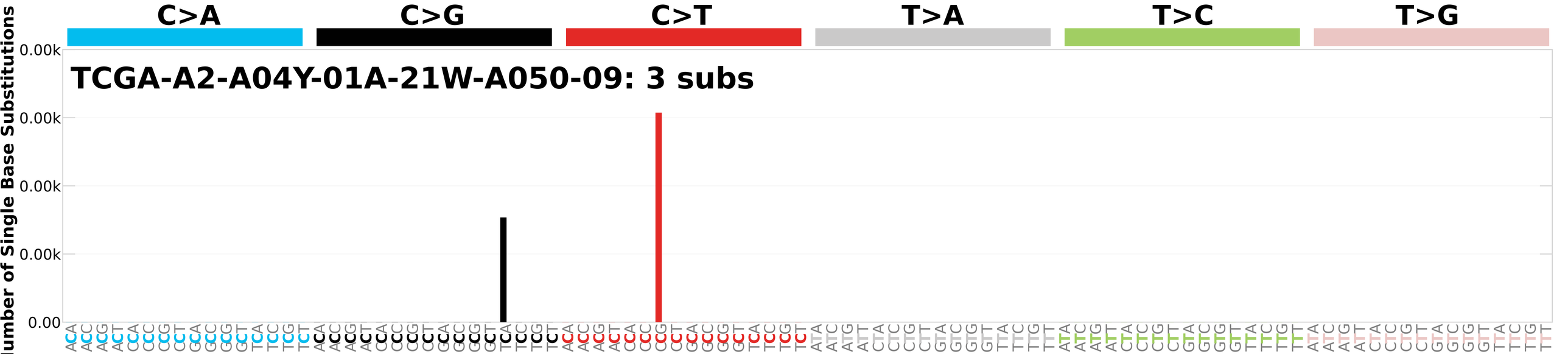
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T>G
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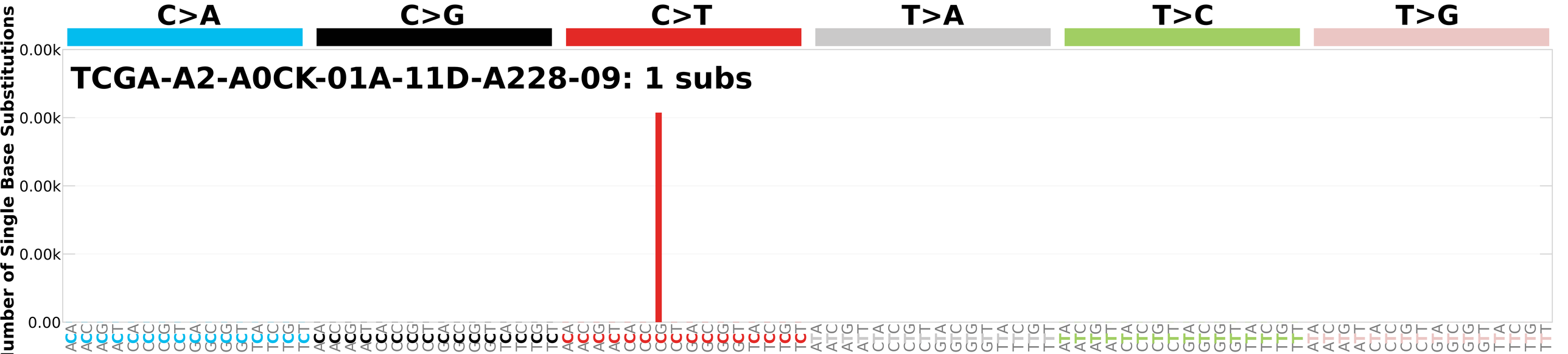
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T>G
TCGA-A2-A0CK-01A-11D-A228-09: 1 subs
Number of Single Base Substitutions
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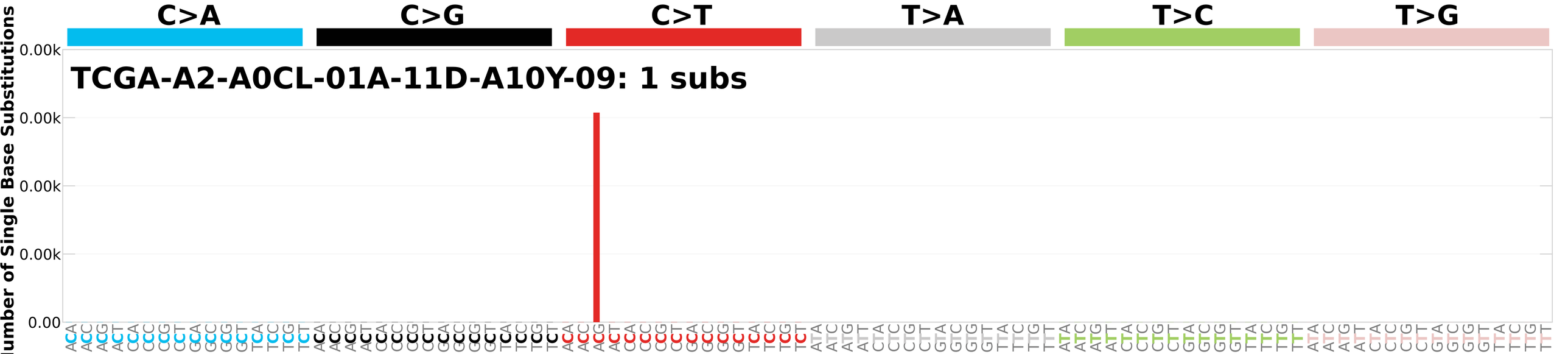
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T>G
TCGA-A2-A0CL-01A-11D-A10Y-09: 1 subs
Number of Single Base Substitutions
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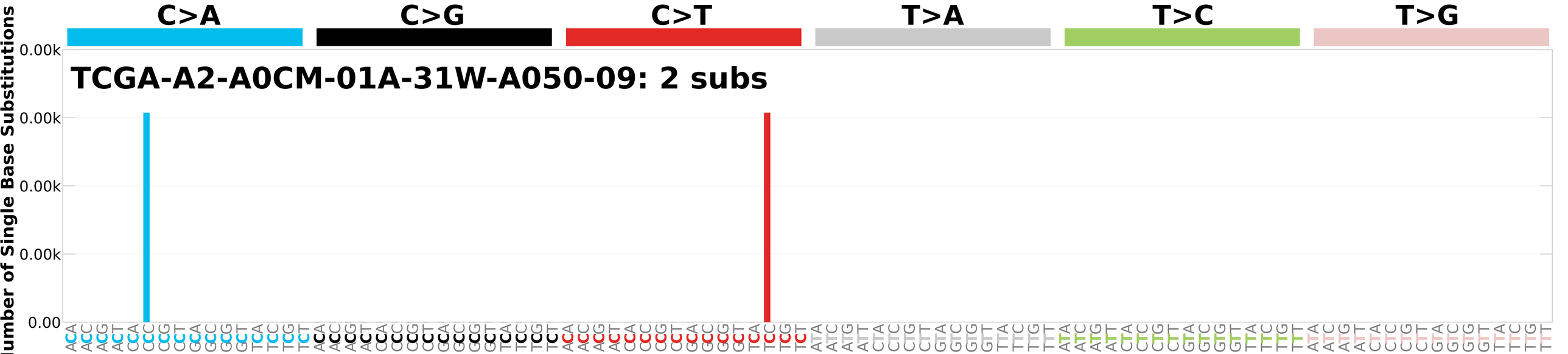
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T>G
TCGA-A2-A0CM-01A-31W-A050-09: 2 subs
Number of Single Base Substitutions
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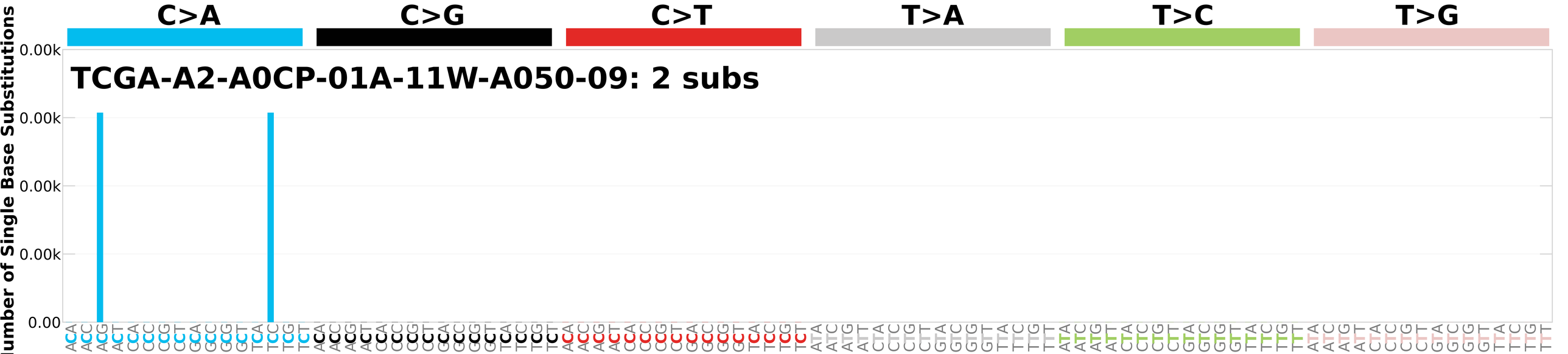
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TCGA-A2-A0CP-01A-11W-A050-09: 2 subs
Number of Single Base Substitutions
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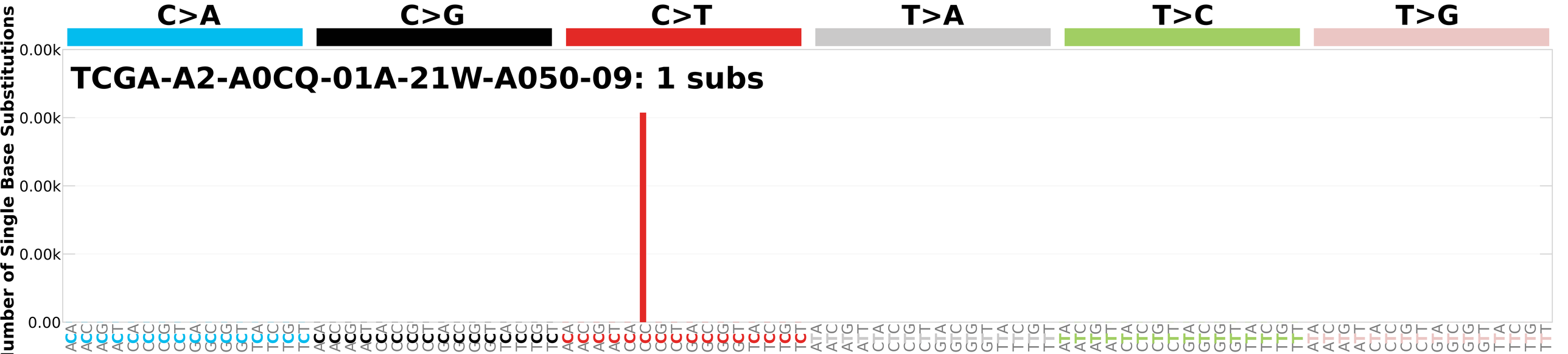
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TCGA-A2-A0CQ-01A-21W-A050-09: 1 subs
Number of Single Base Substitutions
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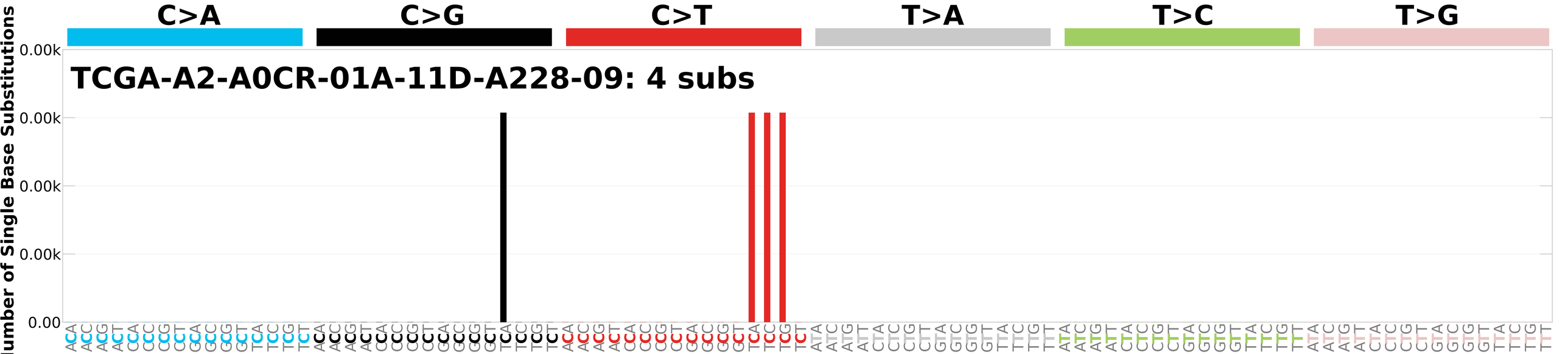
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TCGA-A2-A0CR-01A-11D-A228-09: 4 subs
Number of Single Base Substitutions
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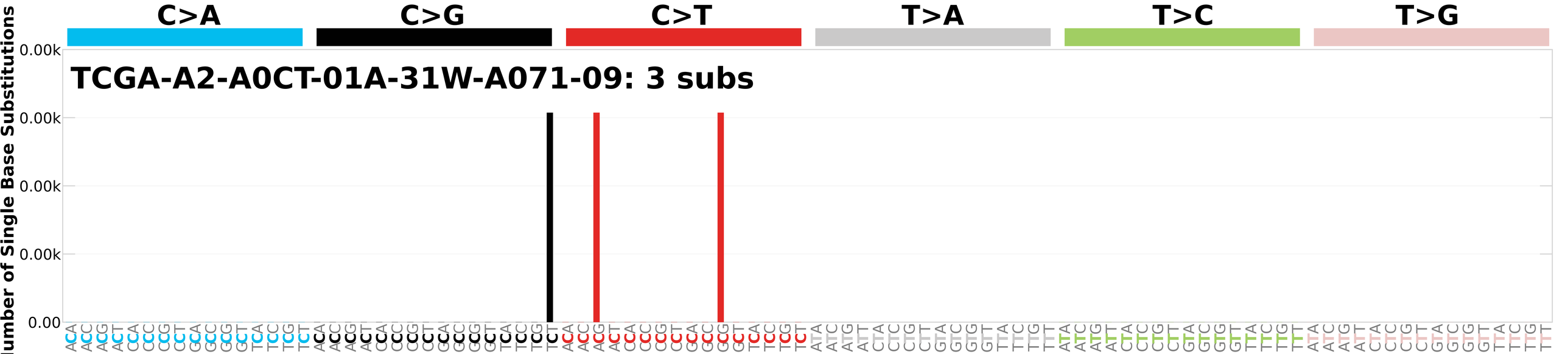
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TCGA-A2-A0CT-01A-31W-A071-09: 3 subs
Number of Single Base Substitutions
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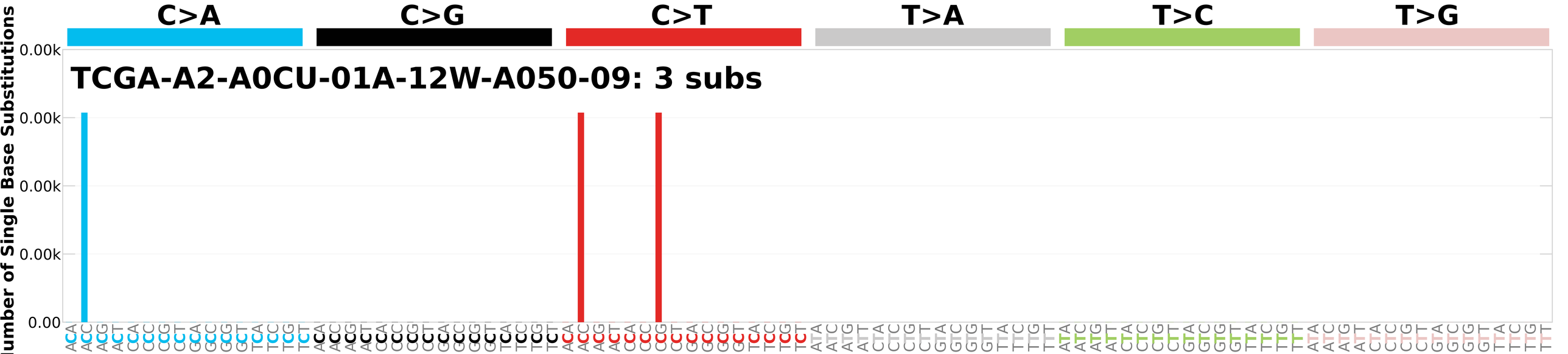
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T>G
TCGA-A2-A0CU-01A-12W-A050-09: 3 subs
Number of Single Base Substitutions
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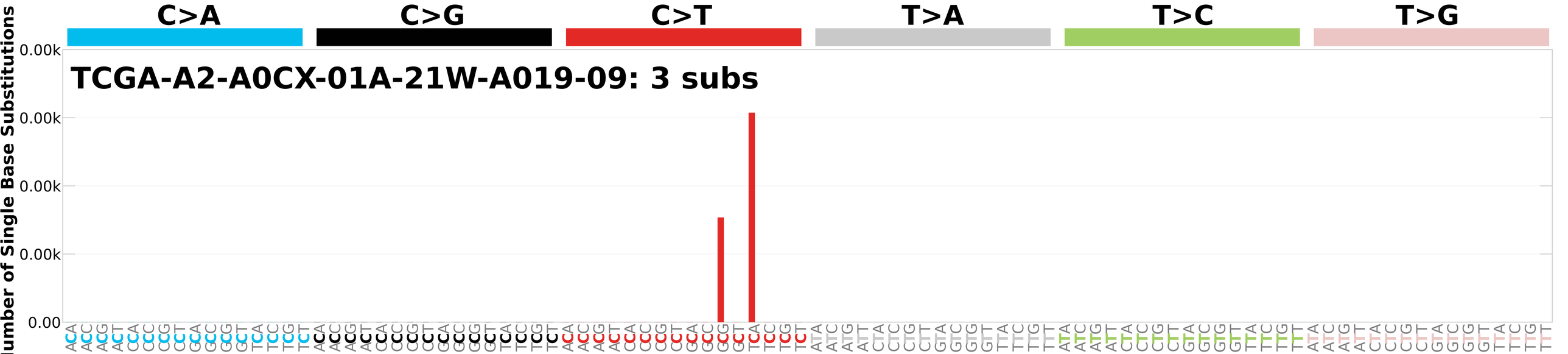
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T>G
TCGA-A2-A0CX-01A-21W-A019-09: 3 subs
Number of Single Base Substitutions
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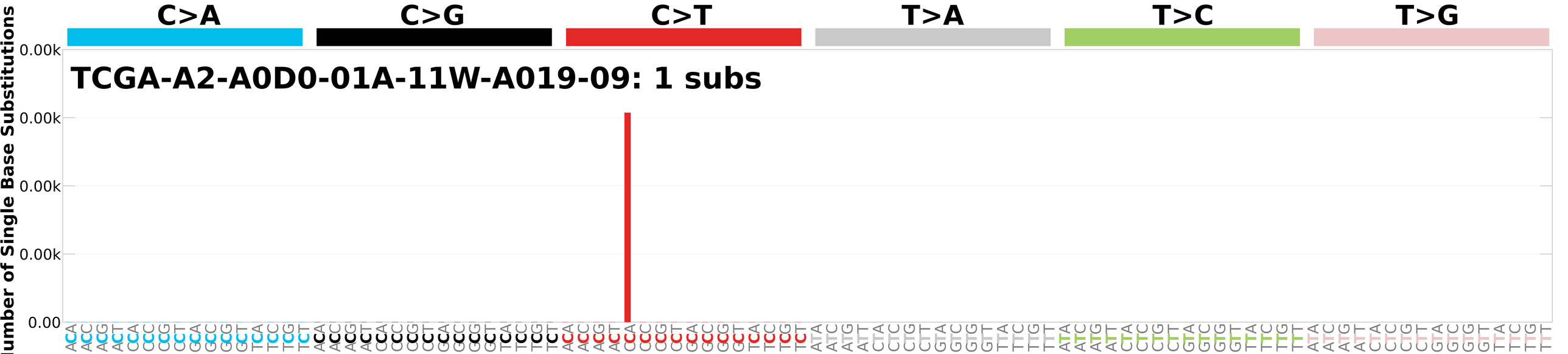
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T>G
TCGA-A2-A0D0-01A-11W-A019-09: 1 subs
Number of Single Base Substitutions
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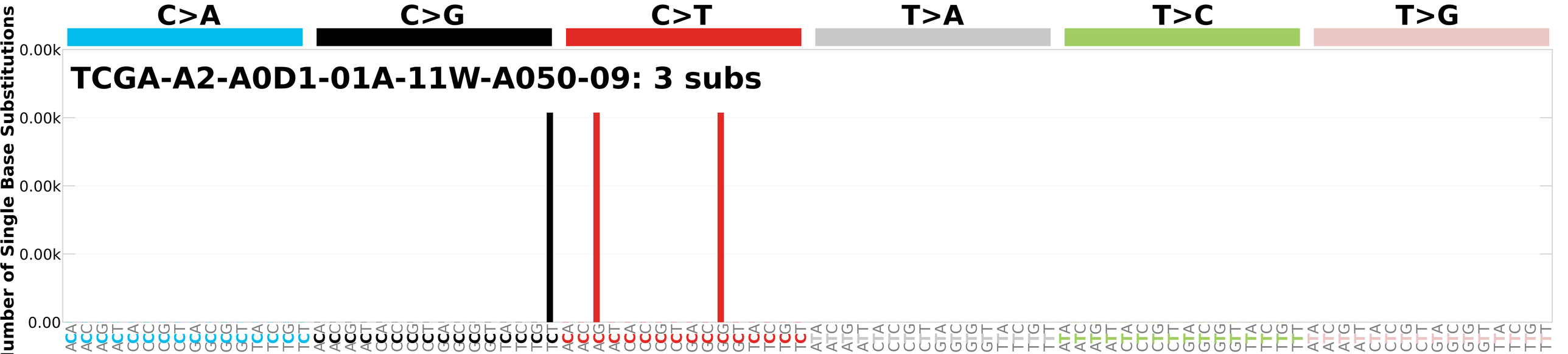
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T>G
TCGA-A2-A0D1-01A-11W-A050-09: 3 subs
Number of Single Base Substitutions
0.00k
0.00k
0.00k
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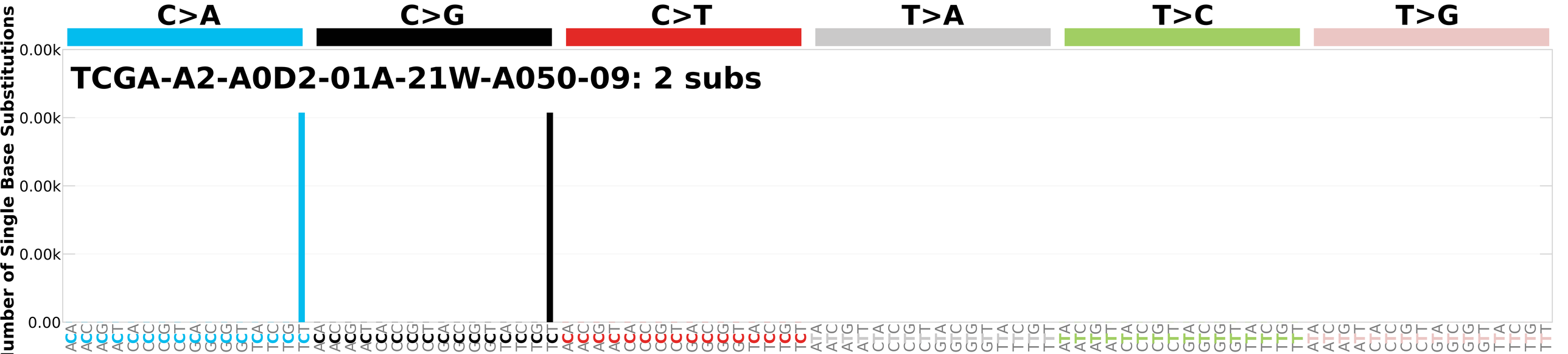
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T>C
T>G
TCGA-A2-A0D2-01A-21W-A050-09: 2 subs
Number of Single Base Substitutions
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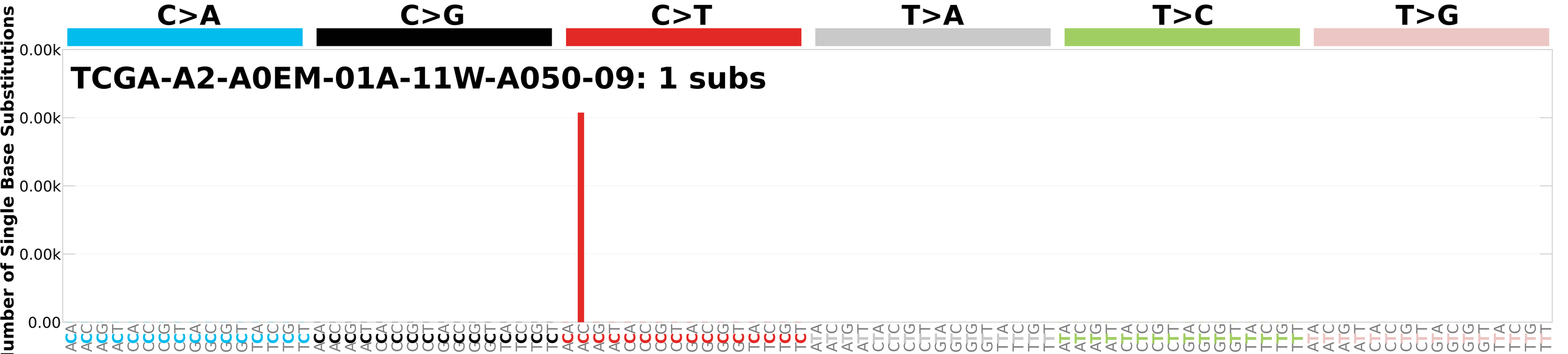
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TCGA-A2-A0EM-01A-11W-A050-09: 1 subs
Number of Single Base Substitutions
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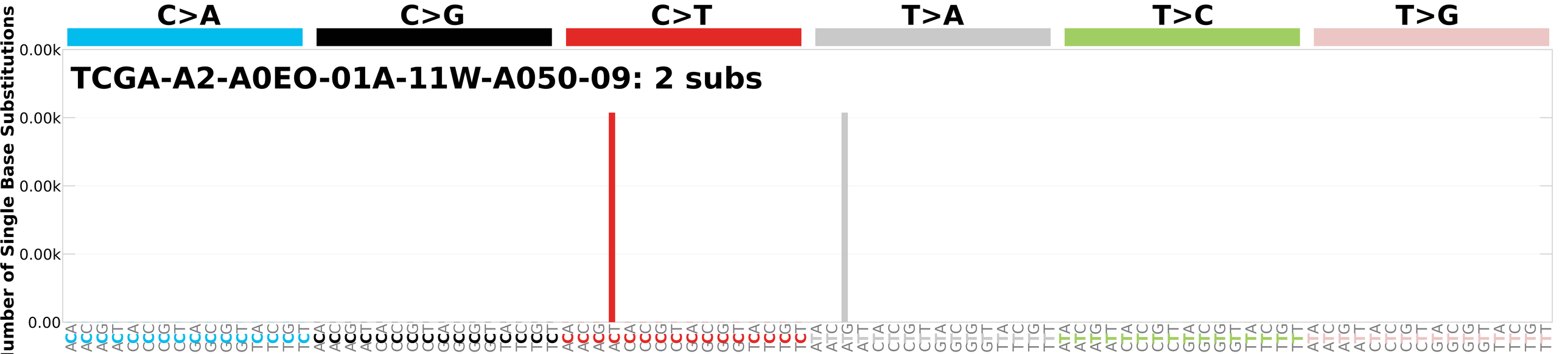
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TCGA-A2-A0EO-01A-11W-A050-09: 2 subs
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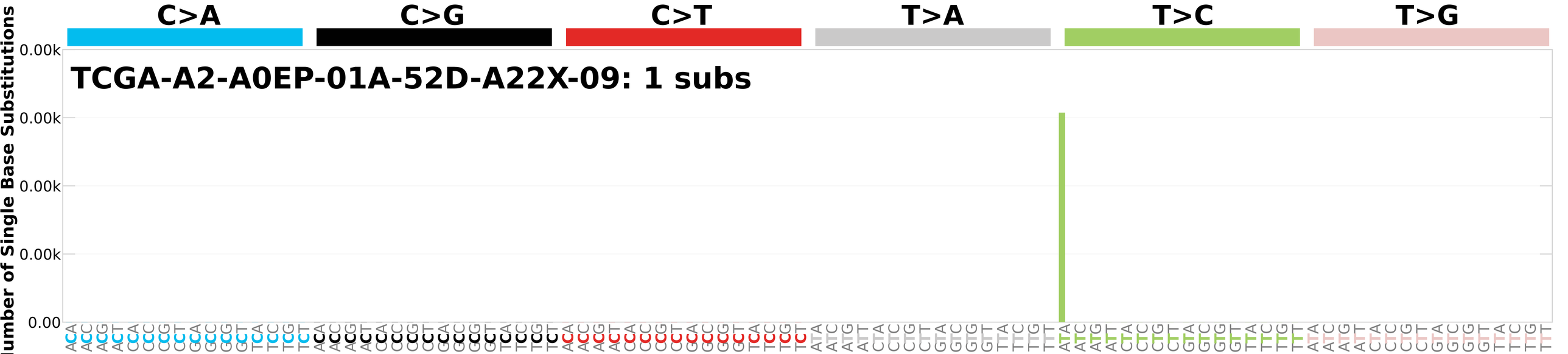
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TCGA-A2-A0EP-01A-52D-A22X-09: 1 subs
Number of Single Base Substitutions
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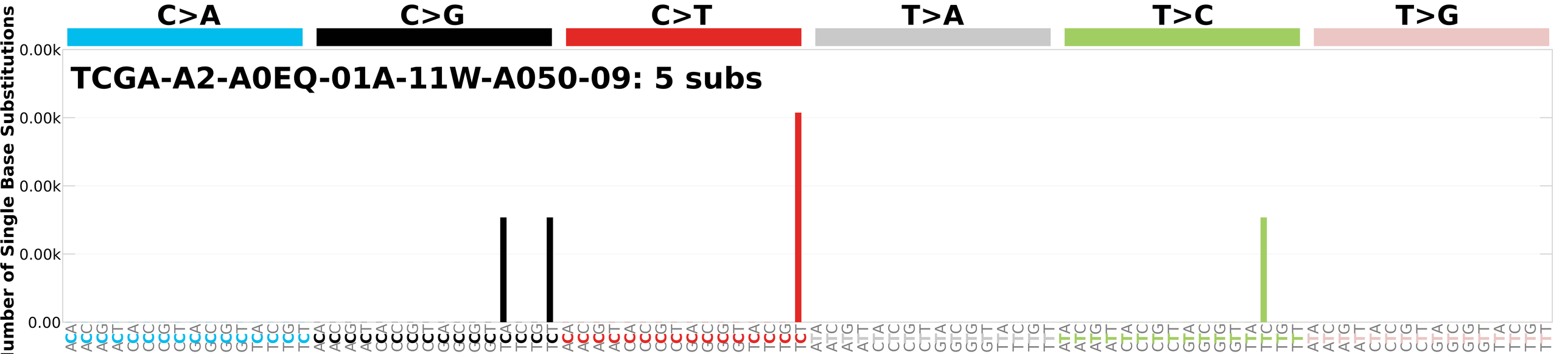
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TCGA-A2-A0EQ-01A-11W-A050-09: 5 subs
Number of Single Base Substitutions
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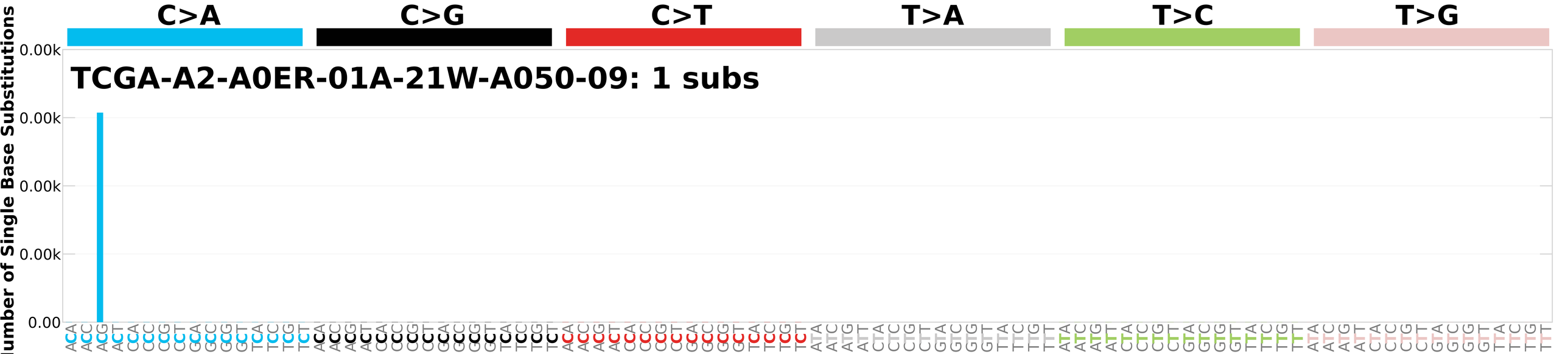
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T>C
T>G
TCGA-A2-A0ER-01A-21W-A050-09: 1 subs
Number of Single Base Substitutions
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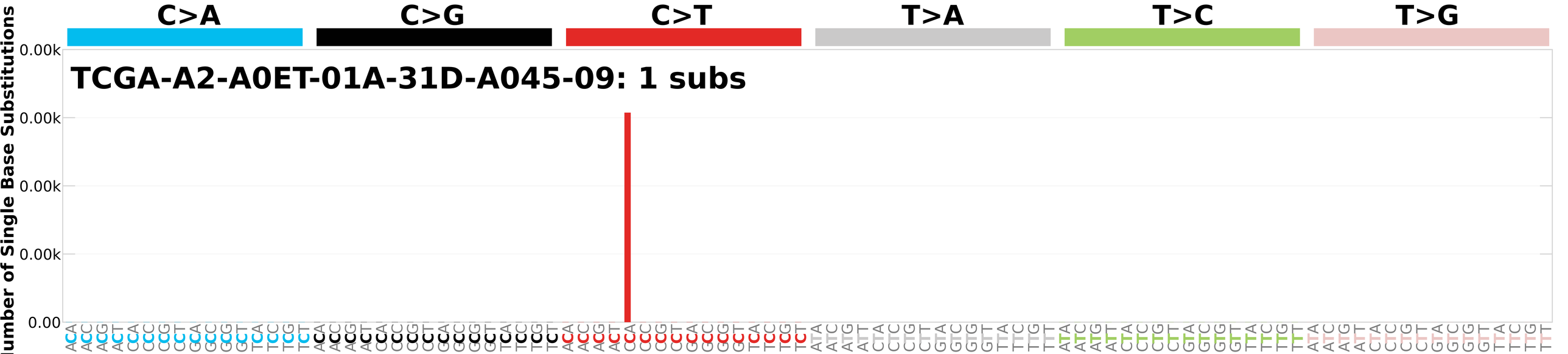
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T>G
TCGA-A2-A0ET-01A-31D-A045-09: 1 subs
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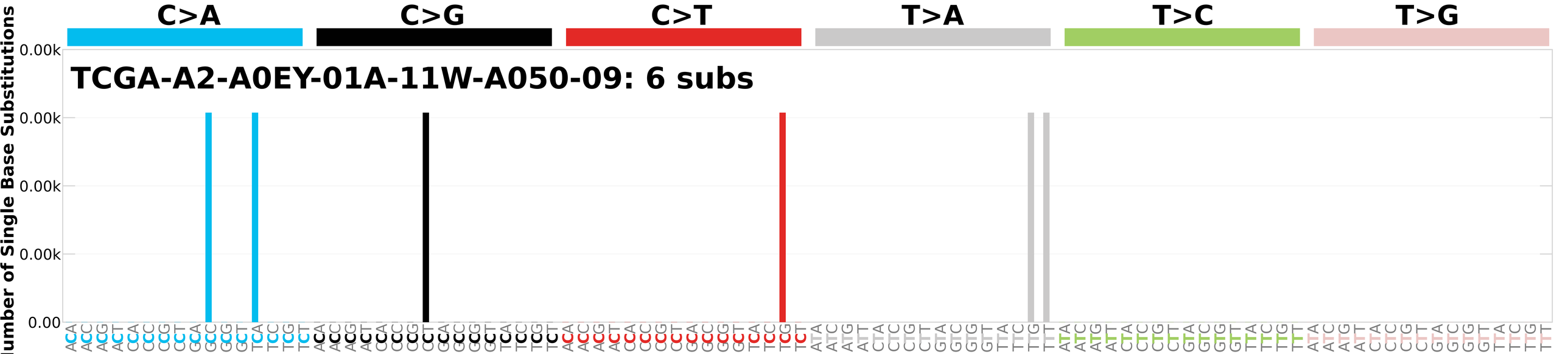
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C>G
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T>G
TCGA-A2-A0EY-01A-11W-A050-09: 6 subs
Number of Single Base Substitutions
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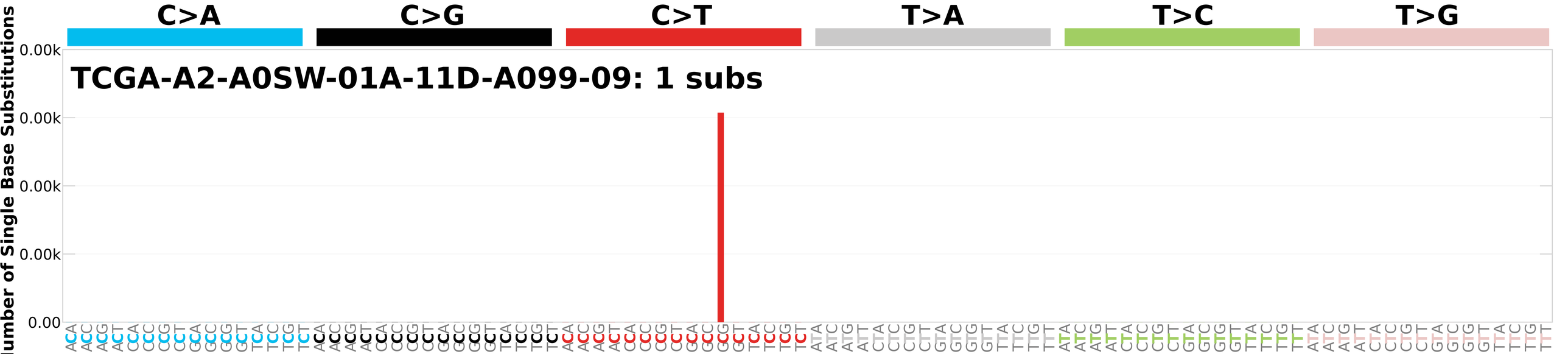
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TCGA-A2-A0SW-01A-11D-A099-09: 1 subs
Number of Single Base Substitutions
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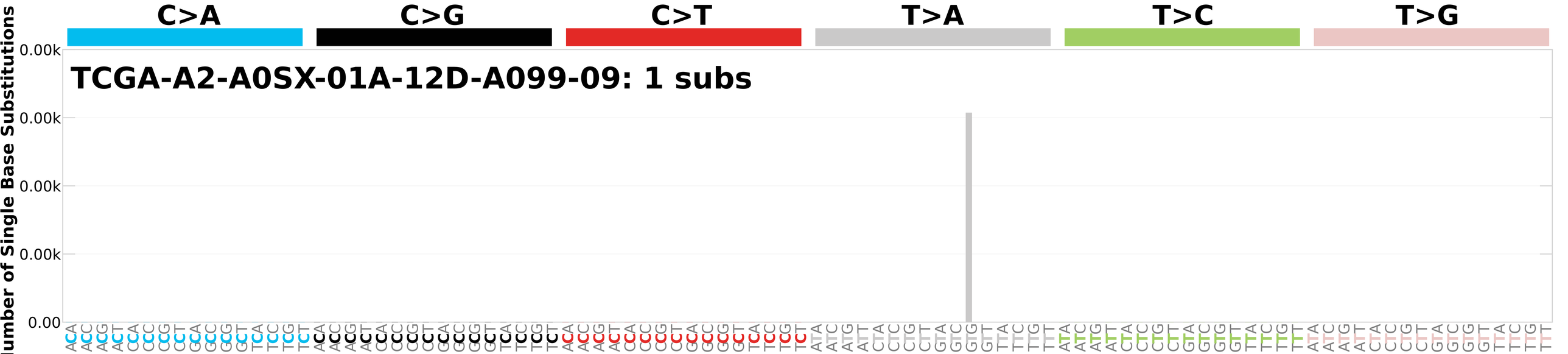
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T>G
TCGA-A2-A0SX-01A-12D-A099-09: 1 subs
Number of Single Base Substitutions
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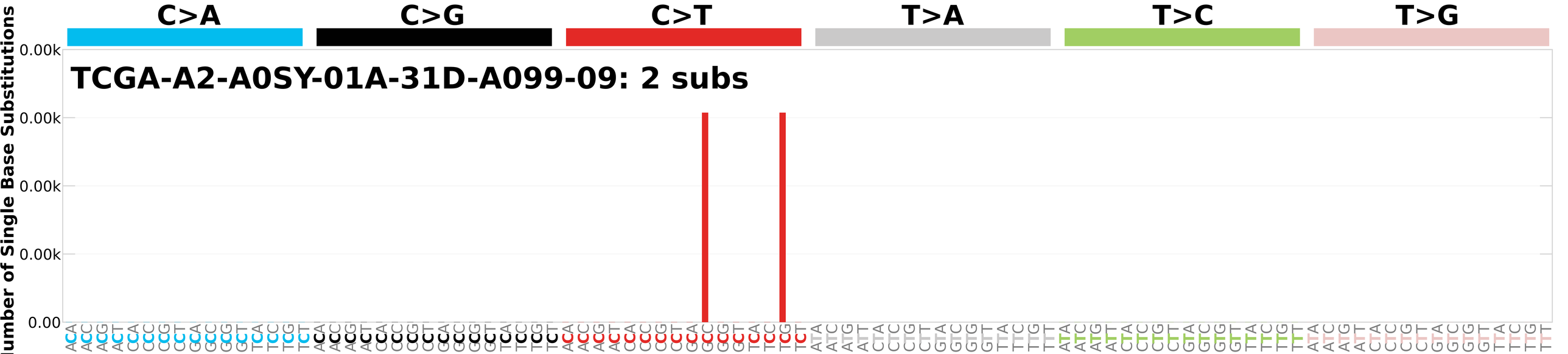
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T>C
T>G
TCGA-A2-A0SY-01A-31D-A099-09: 2 subs
Number of Single Base Substitutions
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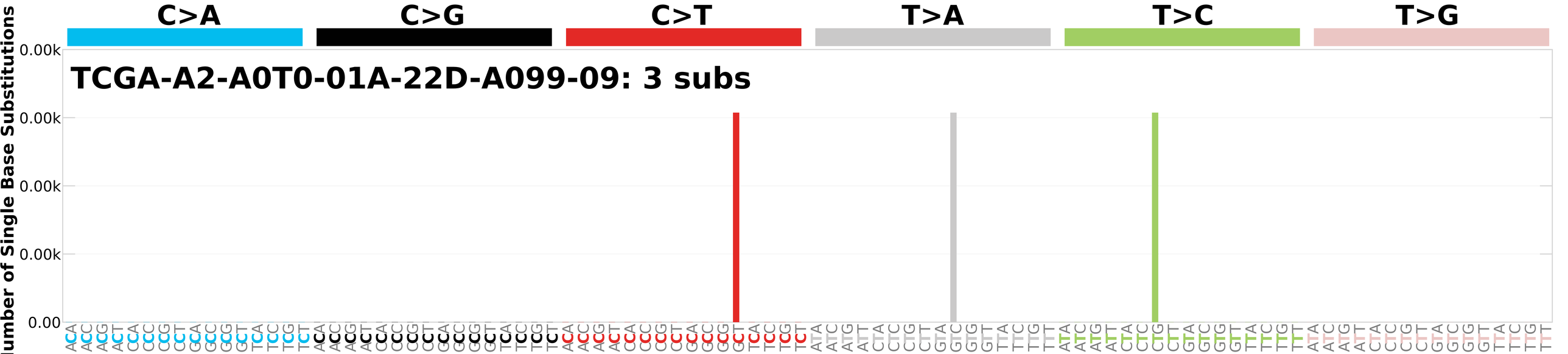
C>A
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T>G
TCGA-A2-A0T0-01A-22D-A099-09: 3 subs
Number of Single Base Substitutions
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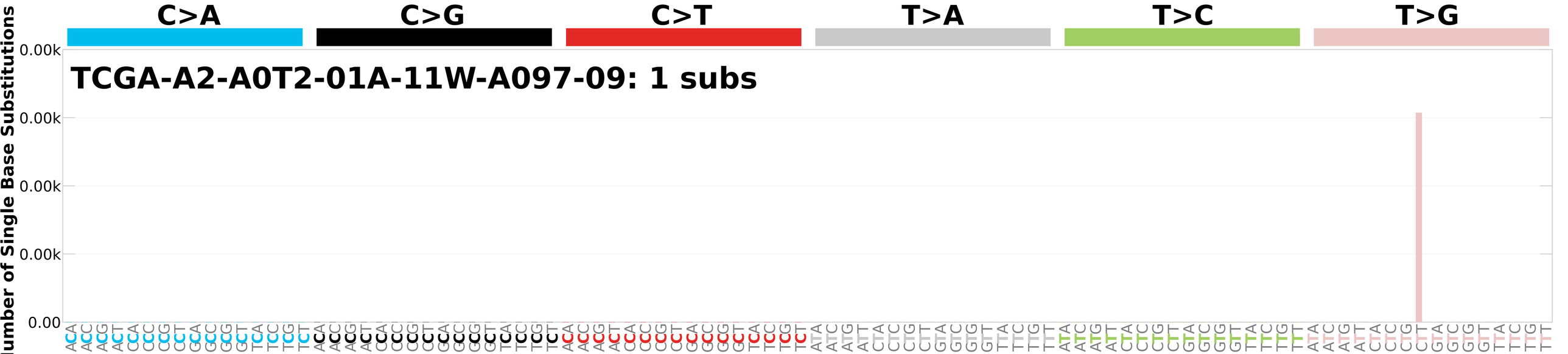
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T>G
TCGA-A2-A0T2-01A-11W-A097-09: 1 subs
Number of Single Base Substitutions
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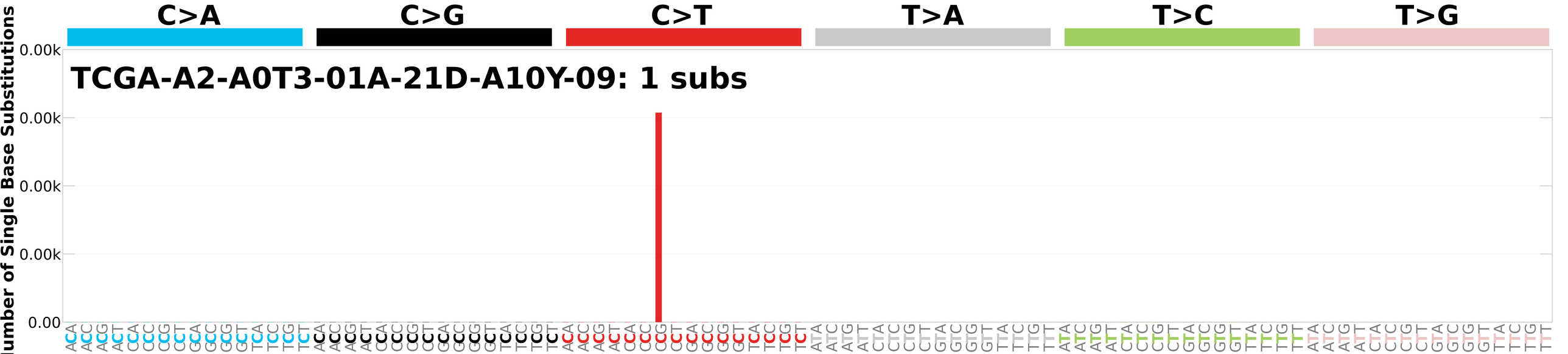
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T>C
T>G
TCGA-A2-A0T3-01A-21D-A10Y-09: 1 subs
Number of Single Base Substitutions
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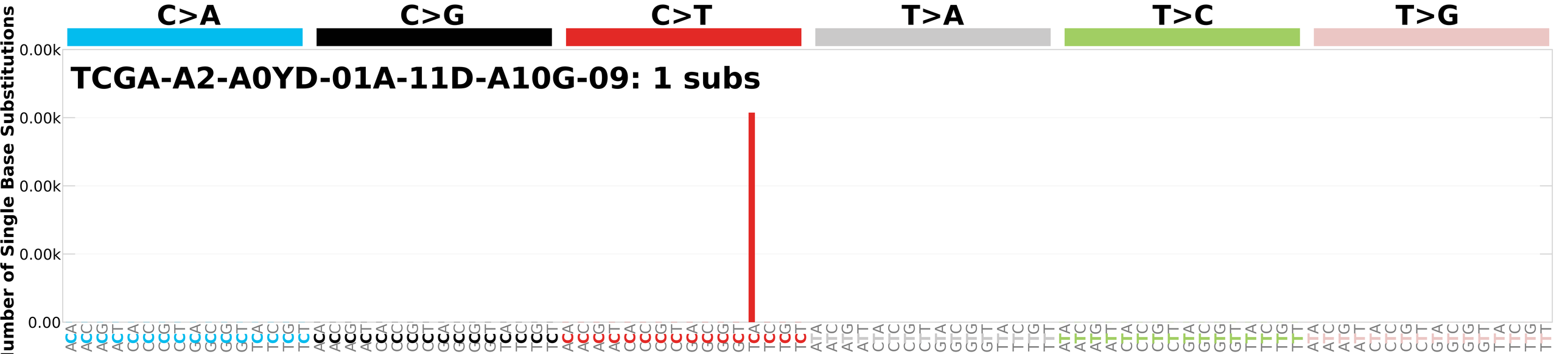
C>A
C>G
C>T
T>A
T>C
T>G
TCGA-A2-A0YD-01A-11D-A10G-09: 1 subs
Number of Single Base Substitutions
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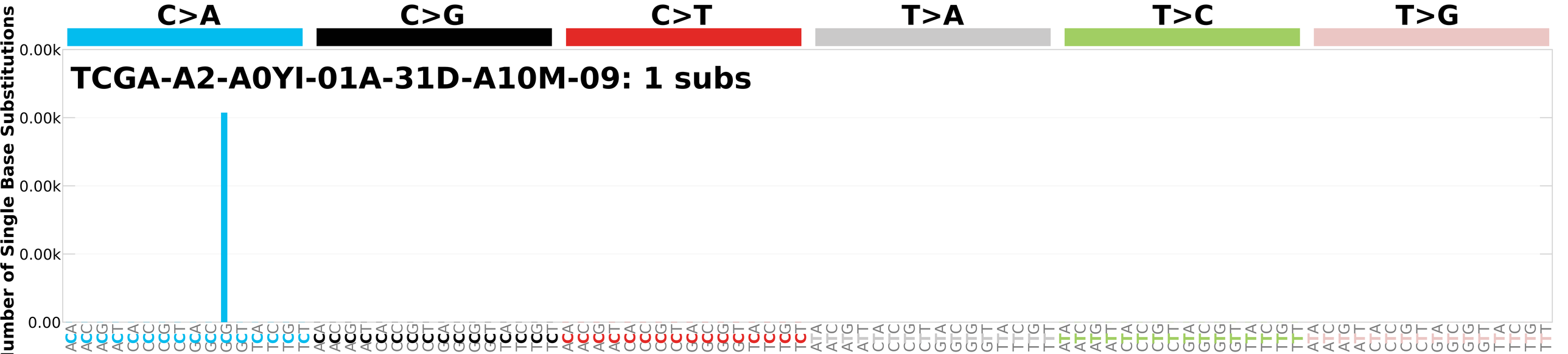
C>A
C>G
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T>C
T>G
TCGA-A2-A0YI-01A-31D-A10M-09: 1 subs
Number of Single Base Substitutions
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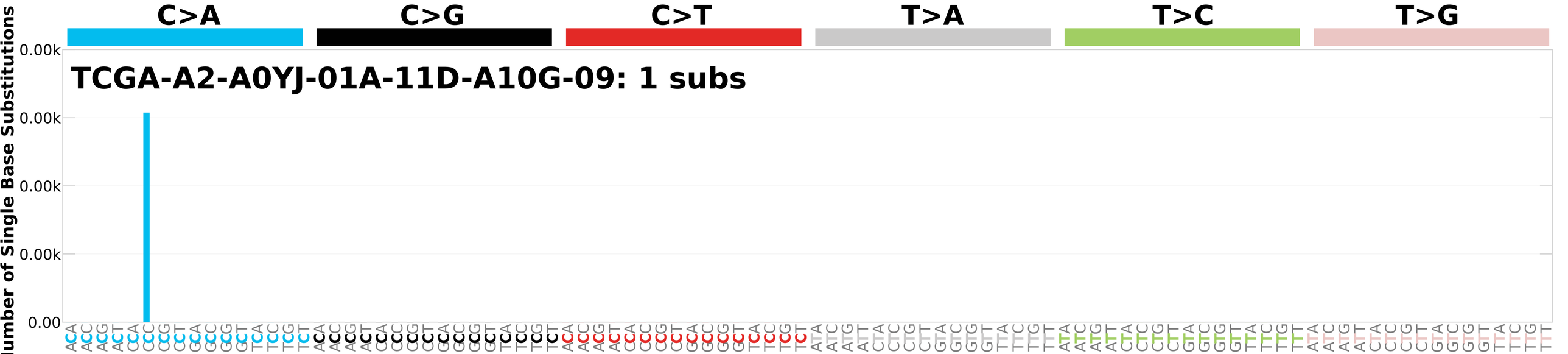
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C>G
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T>C
T>G
TCGA-A2-A0YJ-01A-11D-A10G-09: 1 subs
Number of Single Base Substitutions
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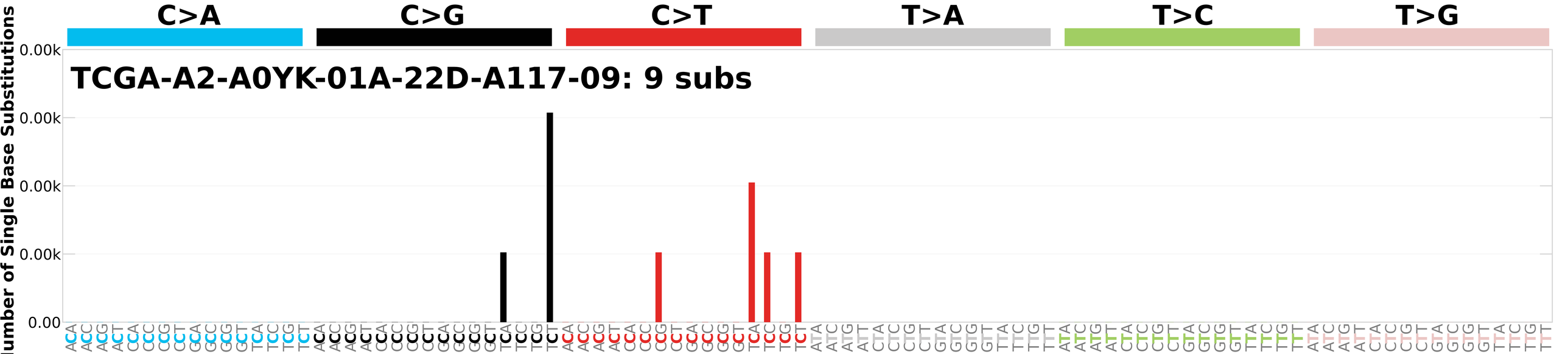
C>A
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T>G
TCGA-A2-A0YK-01A-22D-A117-09: 9 subs
Number of Single Base Substitutions
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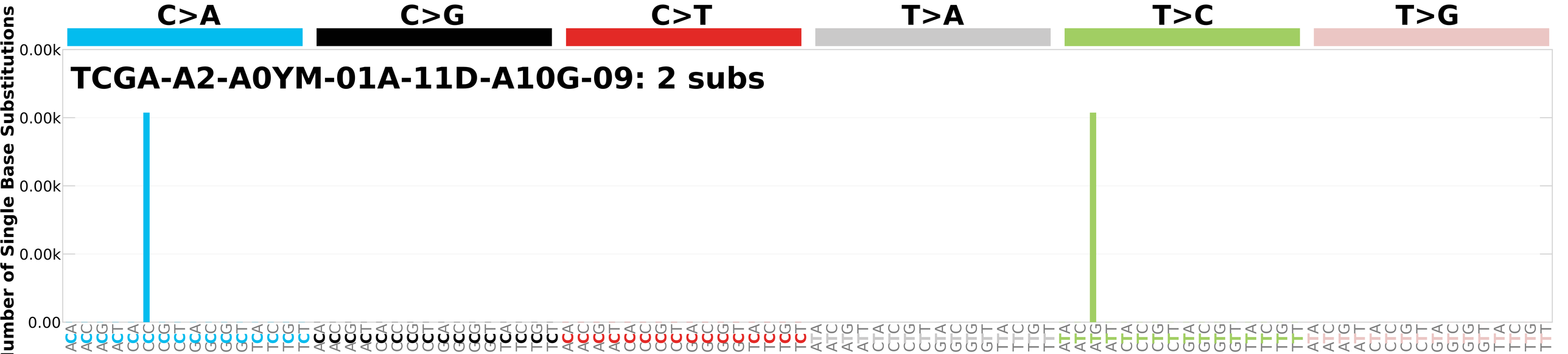
C>A
C>G
C>T
T>A
T>C
T>G
TCGA-A2-A0YM-01A-11D-A10G-09: 2 subs
Number of Single Base Substitutions
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0.00k
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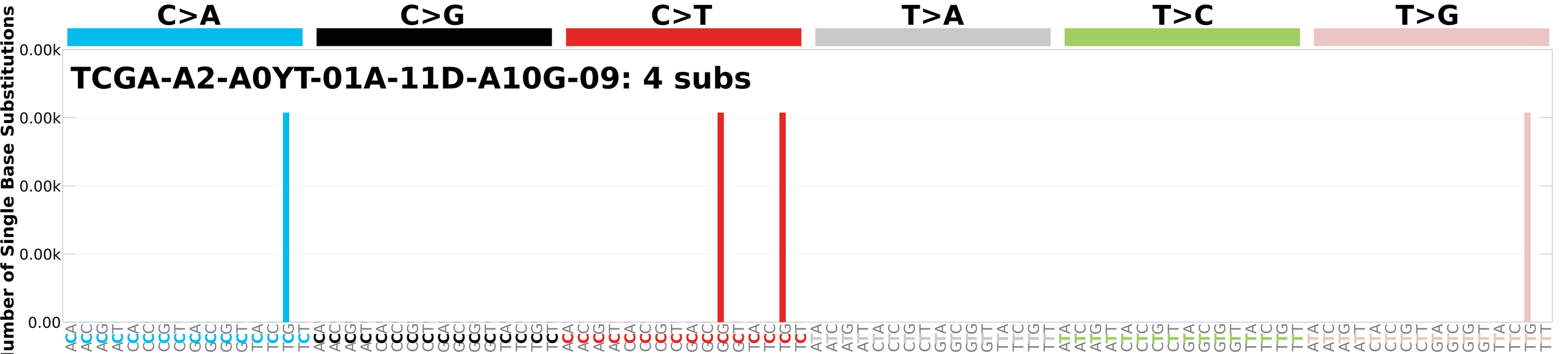
C>A
C>G
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T>C
T>G
TCGA-A2-A0YT-01A-11D-A10G-09: 4 subs
Number of Single Base Substitutions
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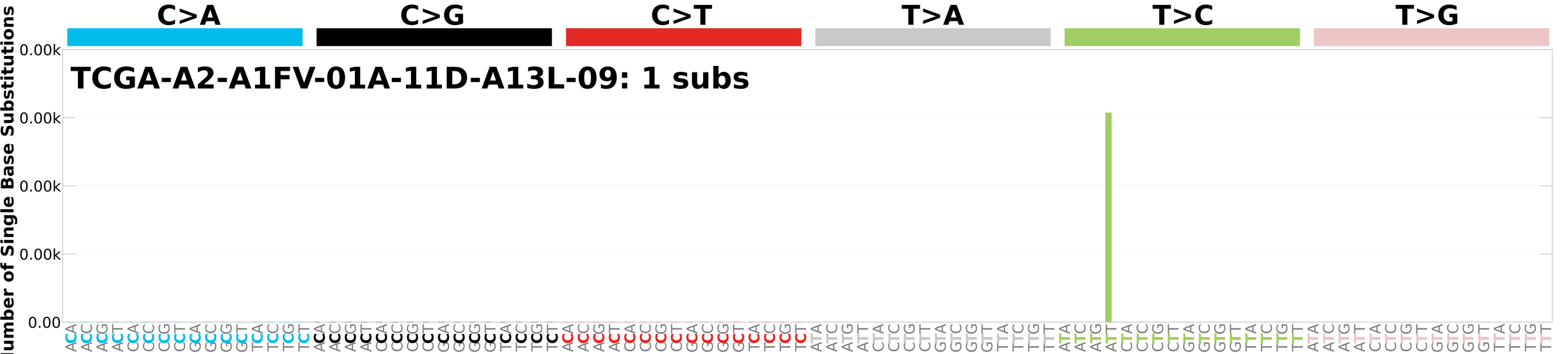
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T>G
TCGA-A2-A1FV-01A-11D-A13L-09: 1 subs
Number of Single Base Substitutions
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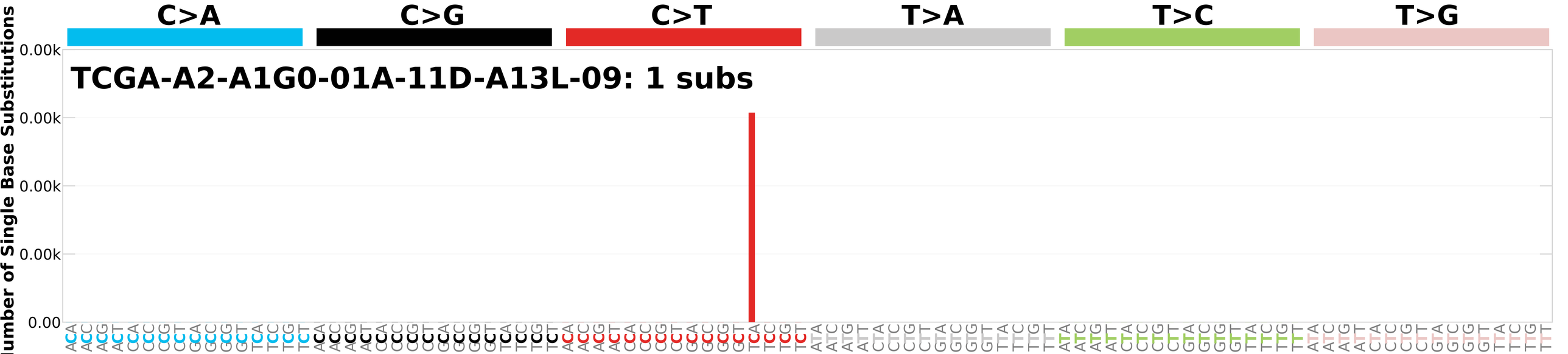
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TCGA-A2-A1G0-01A-11D-A13L-09: 1 subs
Number of Single Base Substitutions
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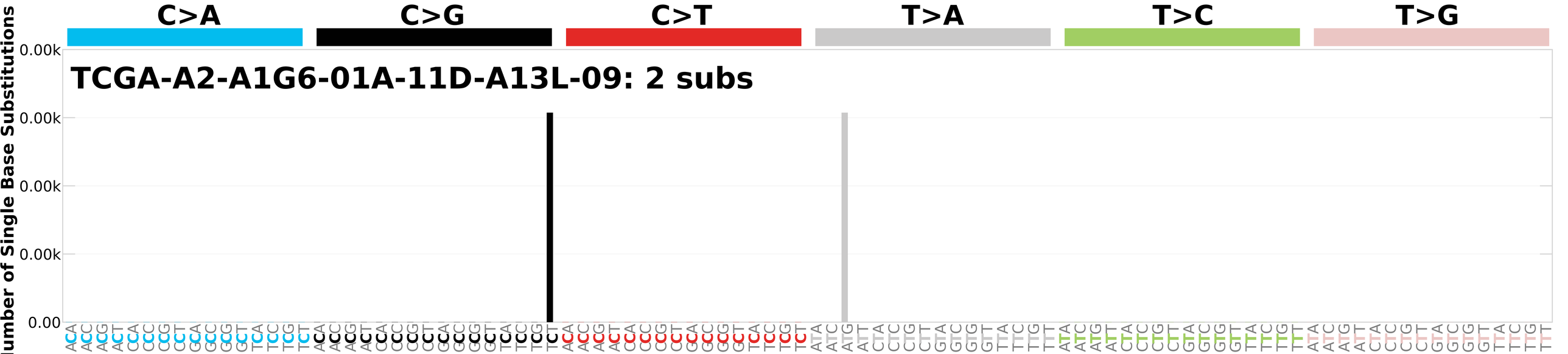
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TCGA-A2-A1G6-01A-11D-A13L-09: 2 subs
Number of Single Base Substitutions
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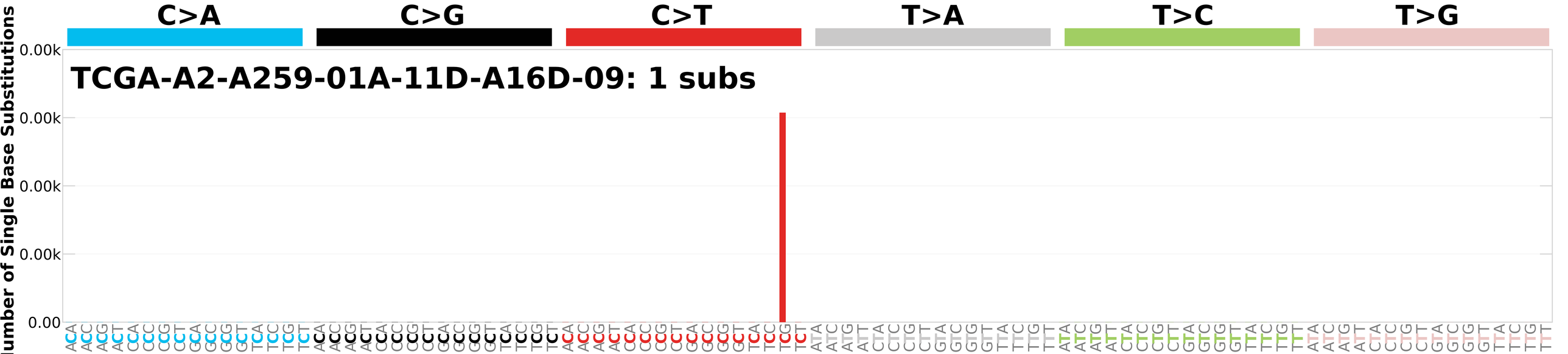
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T>G
TCGA-A2-A259-01A-11D-A16D-09: 1 subs
Number of Single Base Substitutions
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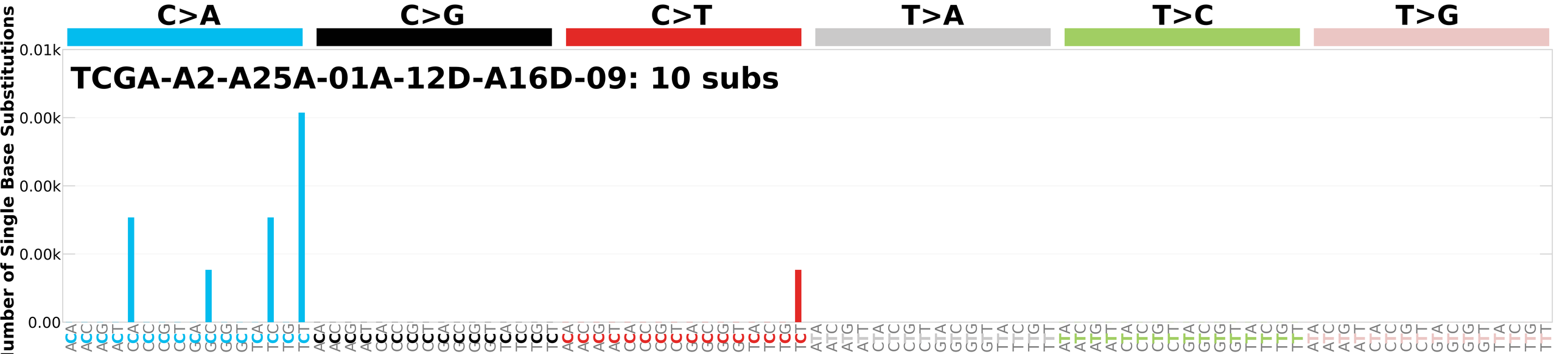
C>A
C>G
C>T
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T>G
TCGA-A2-A25A-01A-12D-A16D-09: 10 subs
Number of Single Base Substitutions
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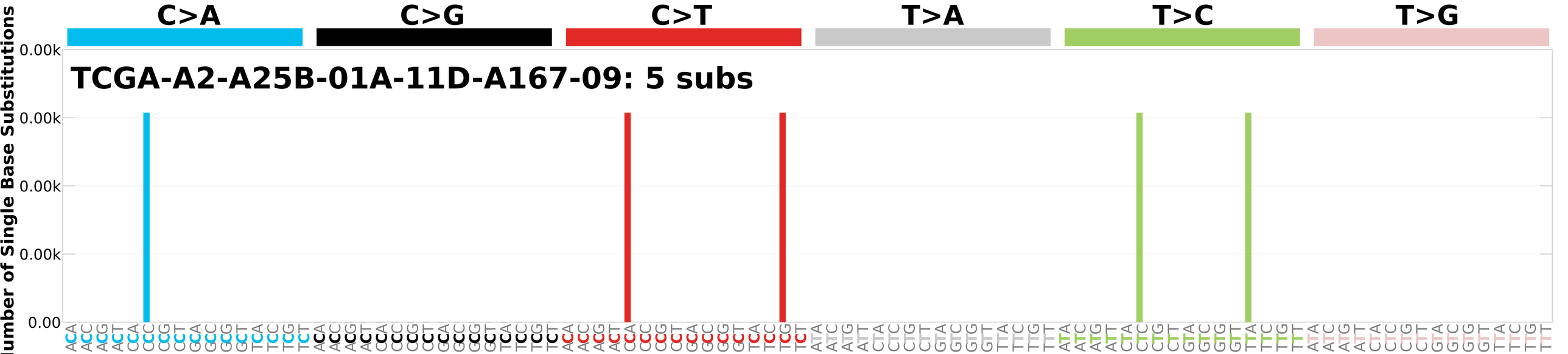
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T>G
TCGA-A2-A25B-01A-11D-A167-09: 5 subs
Number of Single Base Substitutions
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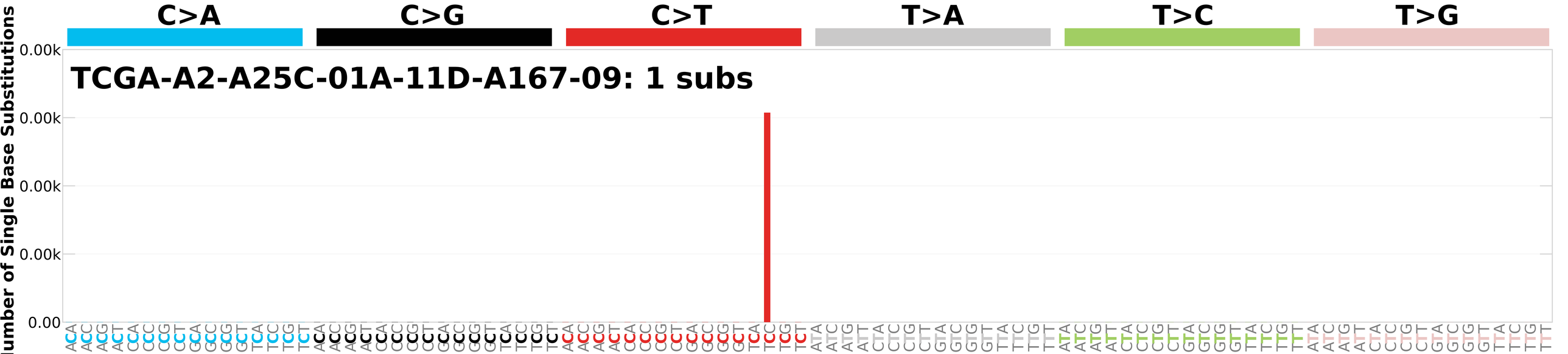
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T>G
TCGA-A2-A25C-01A-11D-A167-09: 1 subs
Number of Single Base Substitutions
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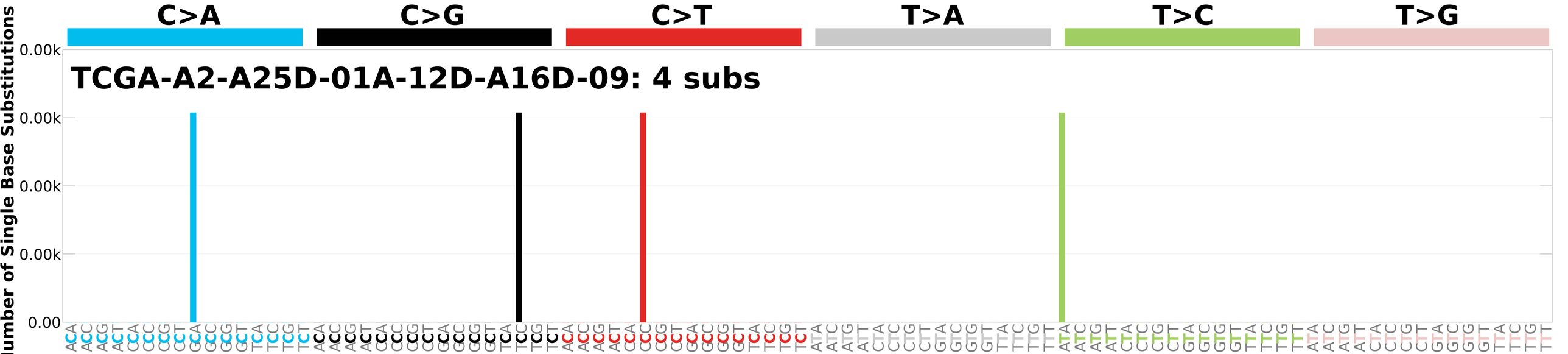
C>A
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T>G
TCGA-A2-A25D-01A-12D-A16D-09: 4 subs
Number of Single Base Substitutions
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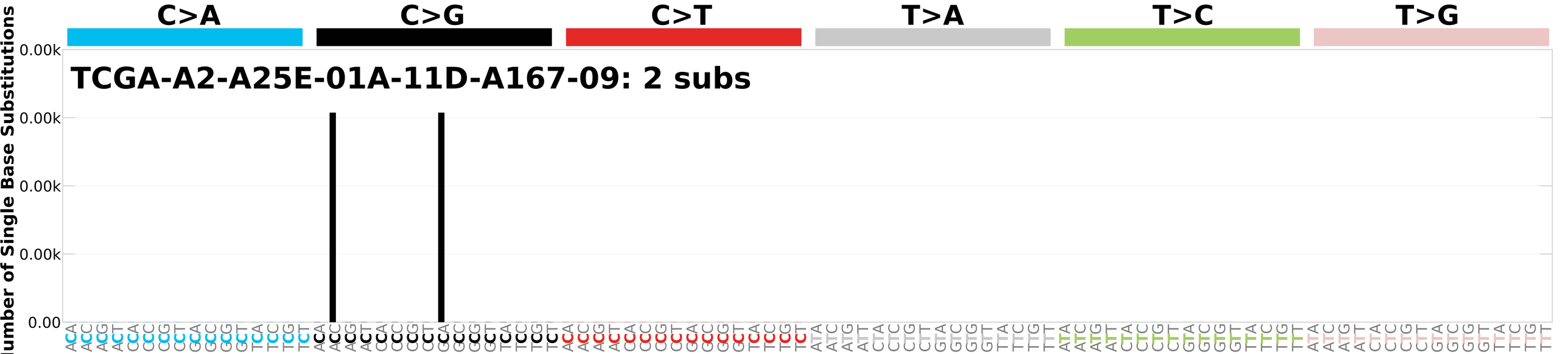
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T>C
T>G
TCGA-A2-A25E-01A-11D-A167-09: 2 subs
Number of Single Base Substitutions
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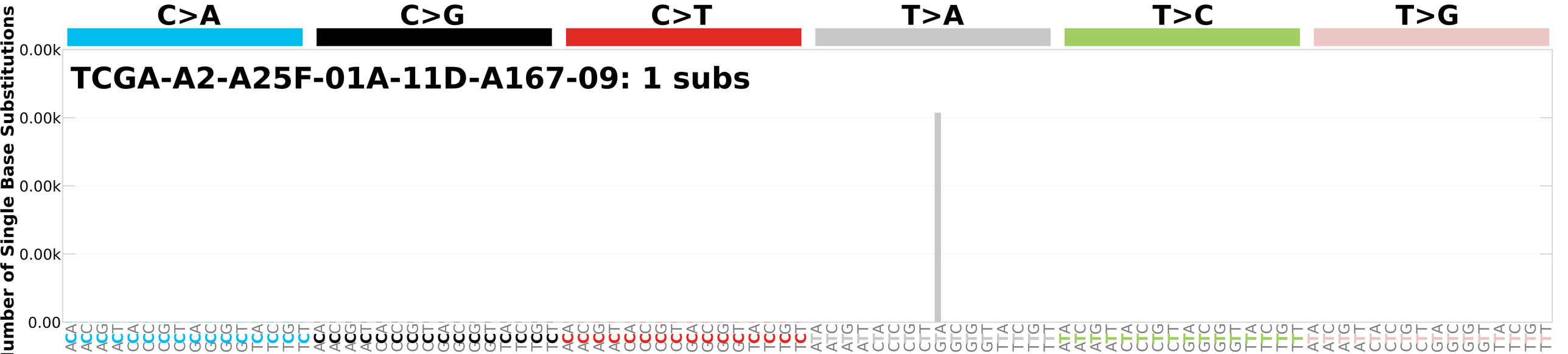
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T>G
TCGA-A2-A25F-01A-11D-A167-09: 1 subs
Number of Single Base Substitutions
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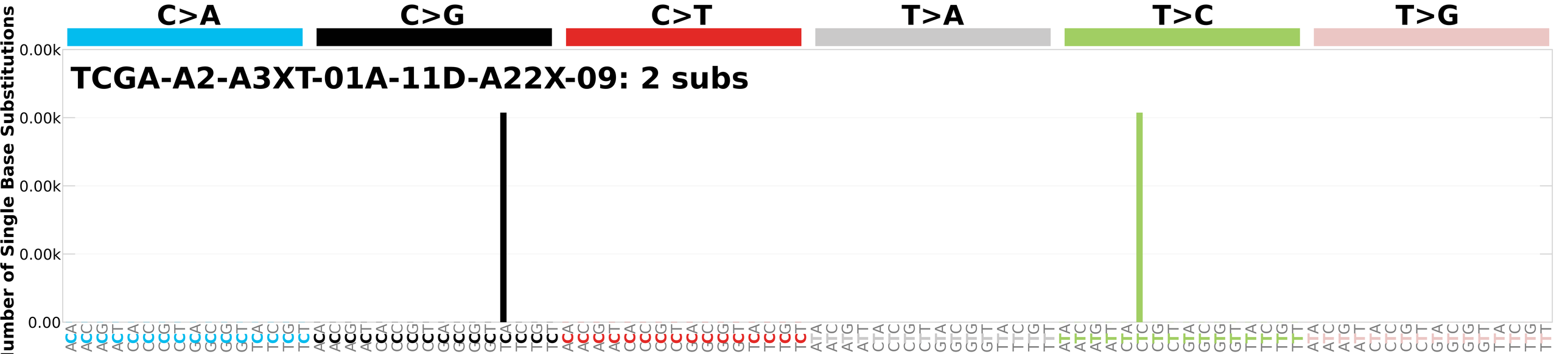
C>A
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T>C
T>G
TCGA-A2-A3XT-01A-11D-A22X-09: 2 subs
Number of Single Base Substitutions
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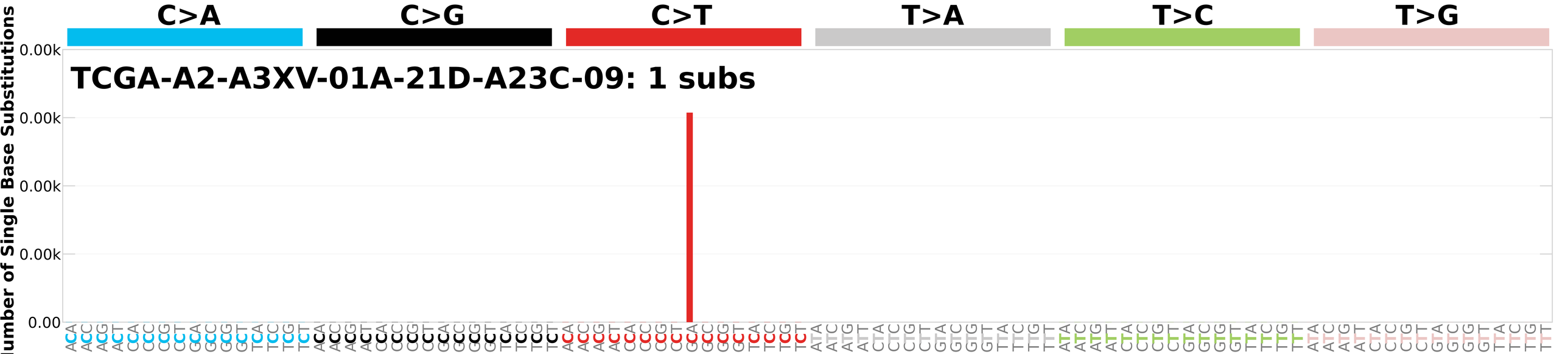
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C>G
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T>A
T>C
T>G
TCGA-A2-A3XV-01A-21D-A23C-09: 1 subs
Number of Single Base Substitutions
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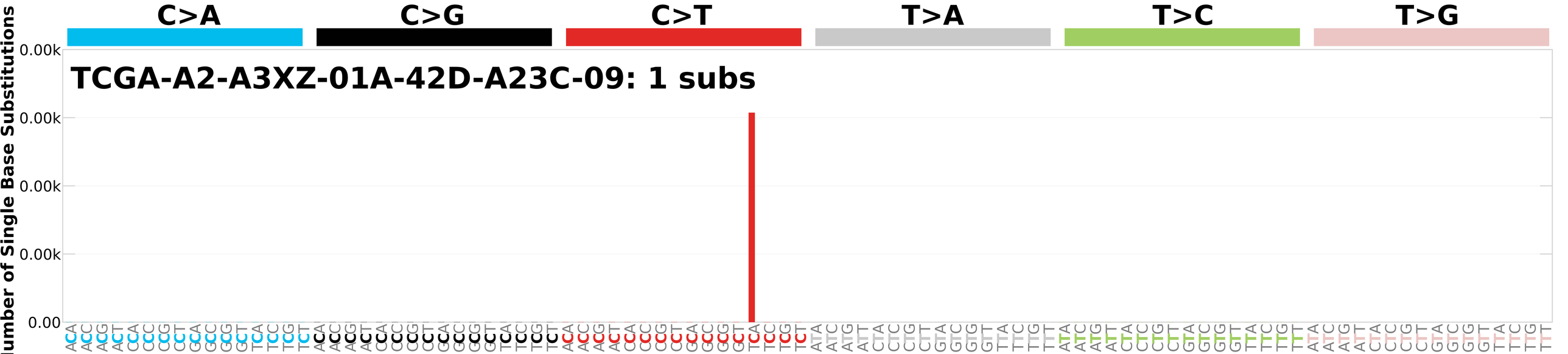
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C>G
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T>C
T>G
TCGA-A2-A3XZ-01A-42D-A23C-09: 1 subs
Number of Single Base Substitutions
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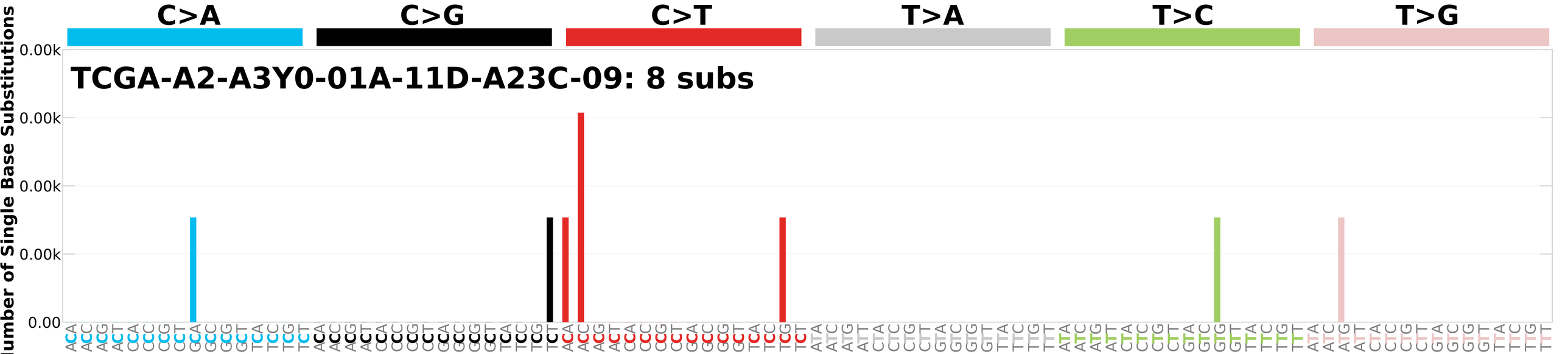
C>A
C>G
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T>A
T>C
T>G
TCGA-A2-A3Y0-01A-11D-A23C-09: 8 subs
Number of Single Base Substitutions
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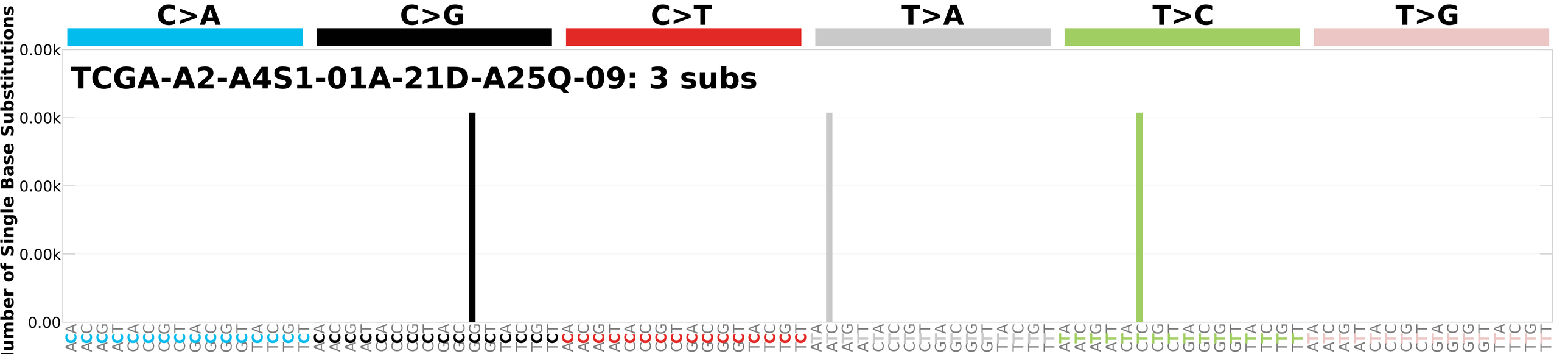
C>A
C>G
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T>G
TCGA-A2-A4S1-01A-21D-A25Q-09: 3 subs
Number of Single Base Substitutions
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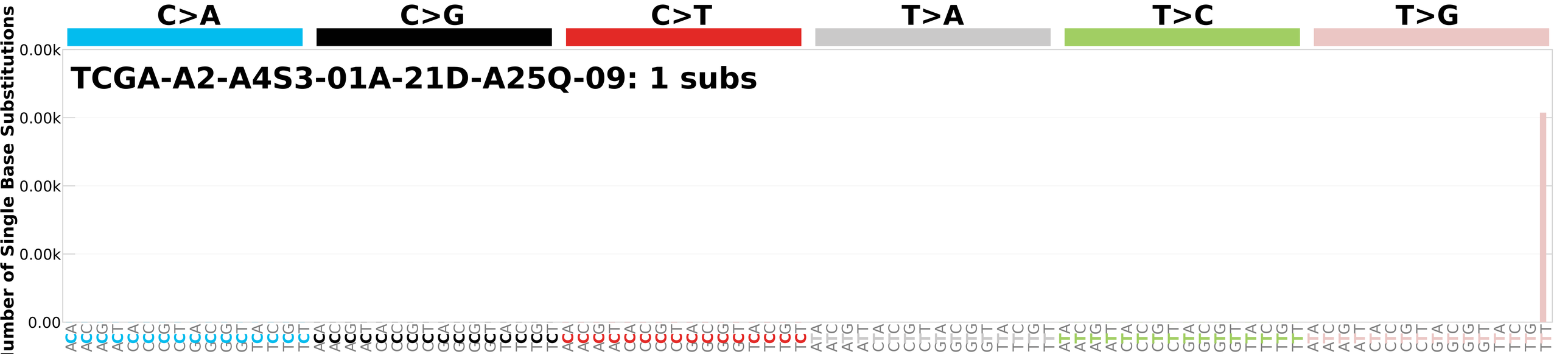
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T>C
T>G
TCGA-A2-A4S3-01A-21D-A25Q-09: 1 subs
Number of Single Base Substitutions
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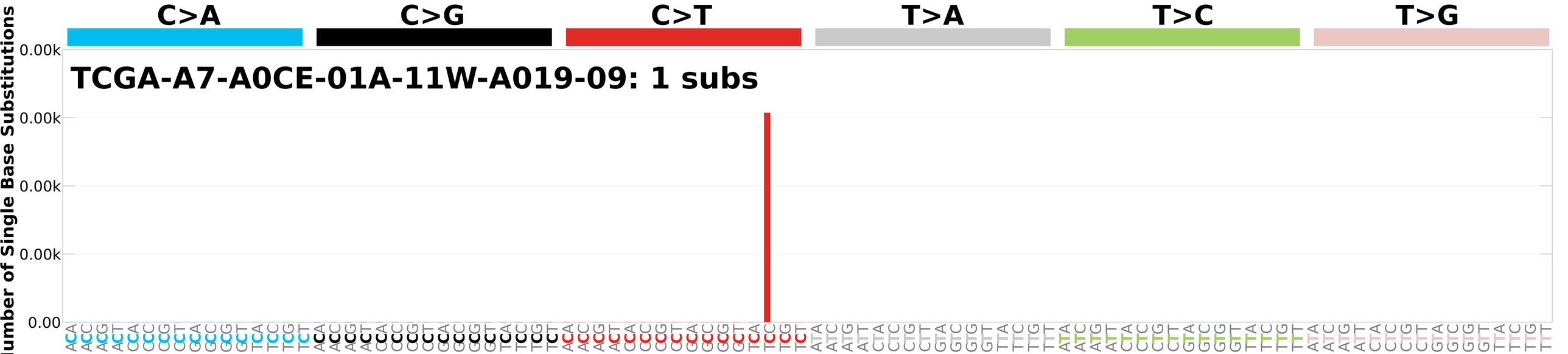
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TCGA-A7-A0CE-01A-11W-A019-09: 1 subs
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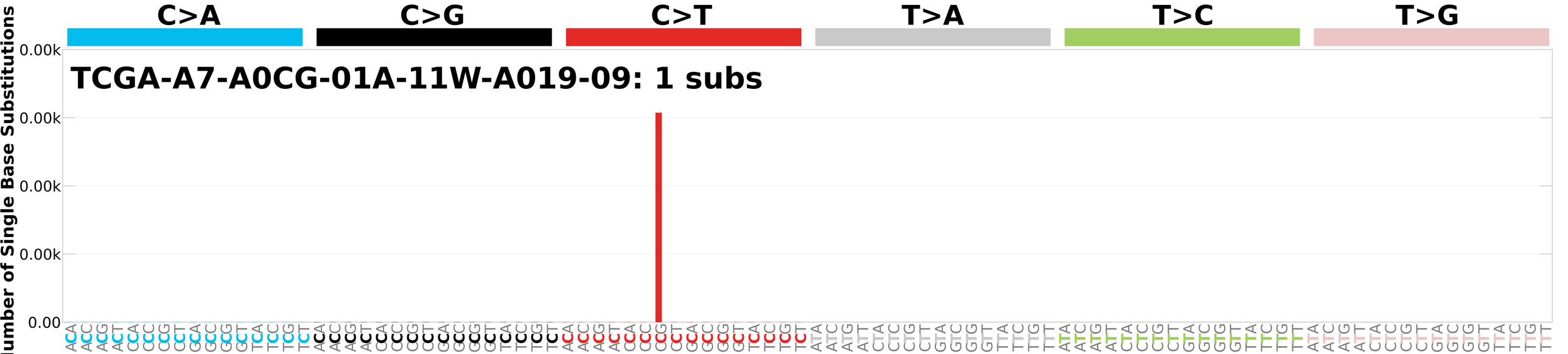
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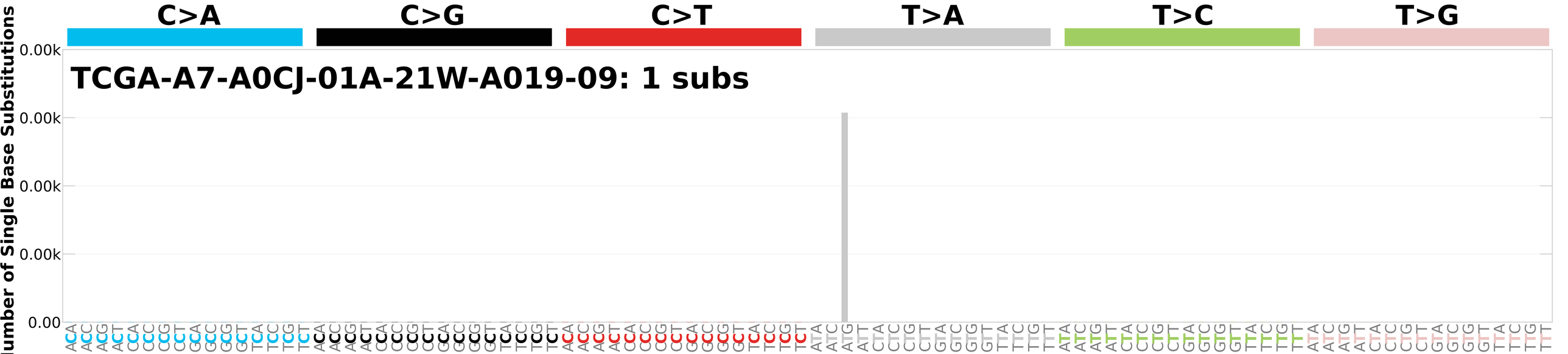
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T>C
T>G
TCGA-A7-A0CJ-01A-21W-A019-09: 1 subs
Number of Single Base Substitutions
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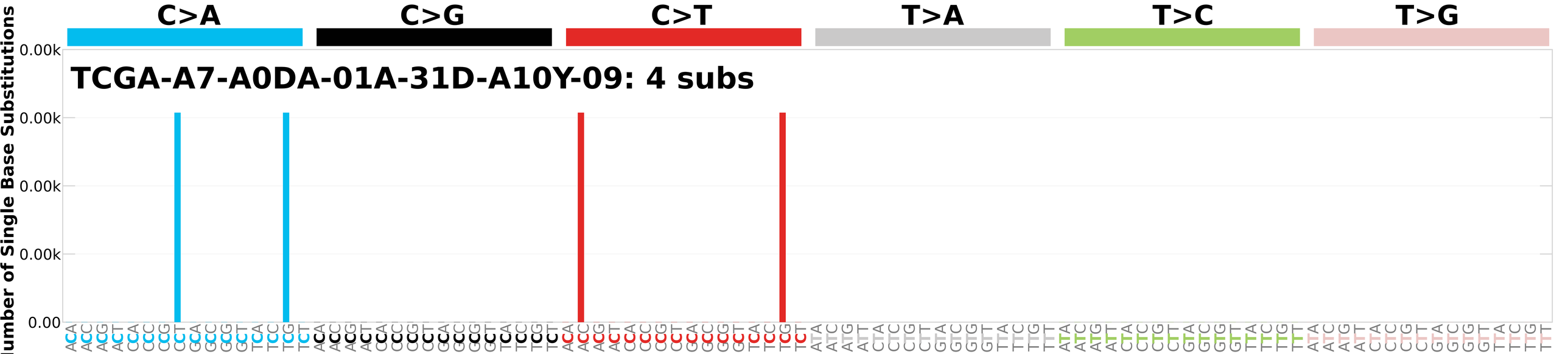
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TCGA-A7-A0DA-01A-31D-A10Y-09: 4 subs
Number of Single Base Substitutions
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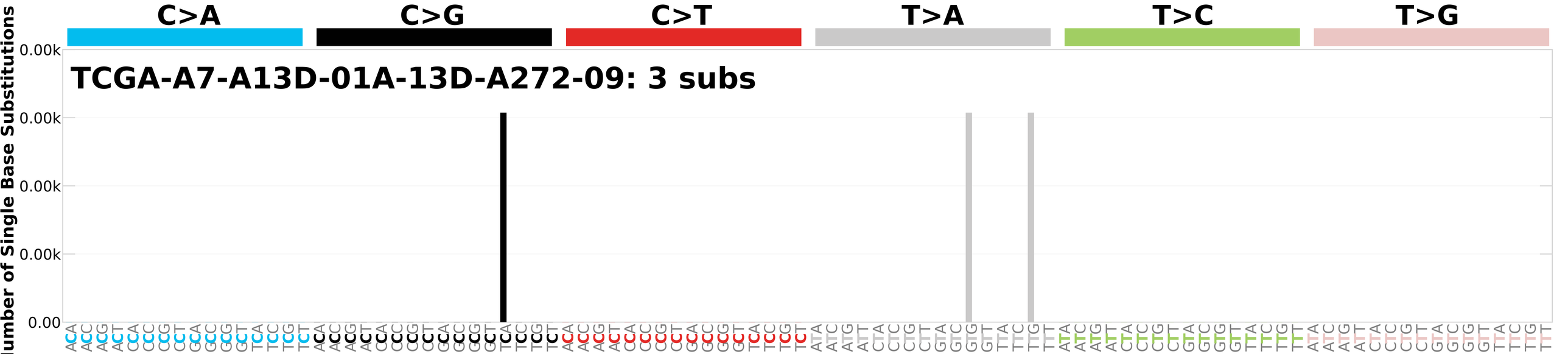
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TCGA-A7-A13D-01A-13D-A272-09: 3 subs
Number of Single Base Substitutions
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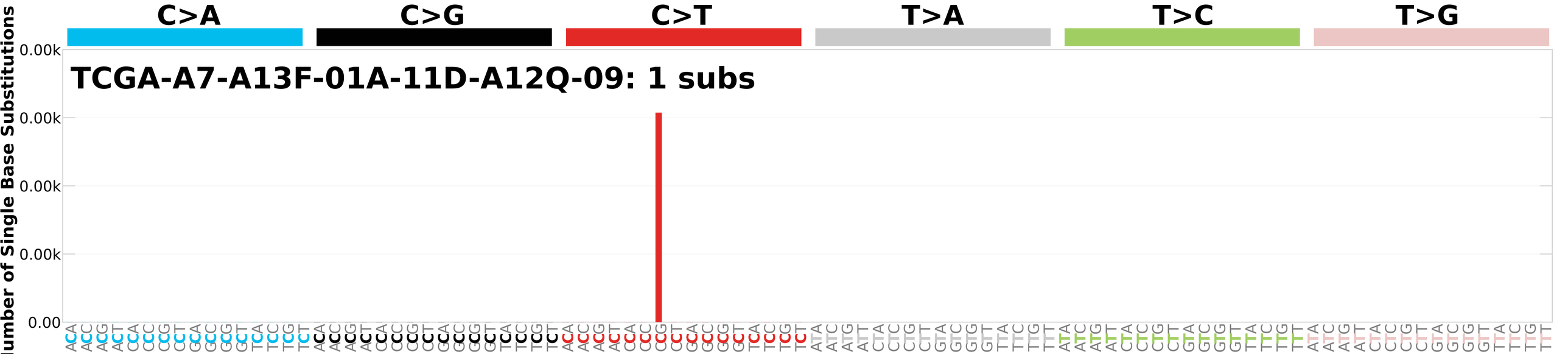
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TCGA-A7-A13F-01A-11D-A12Q-09: 1 subs
Number of Single Base Substitutions
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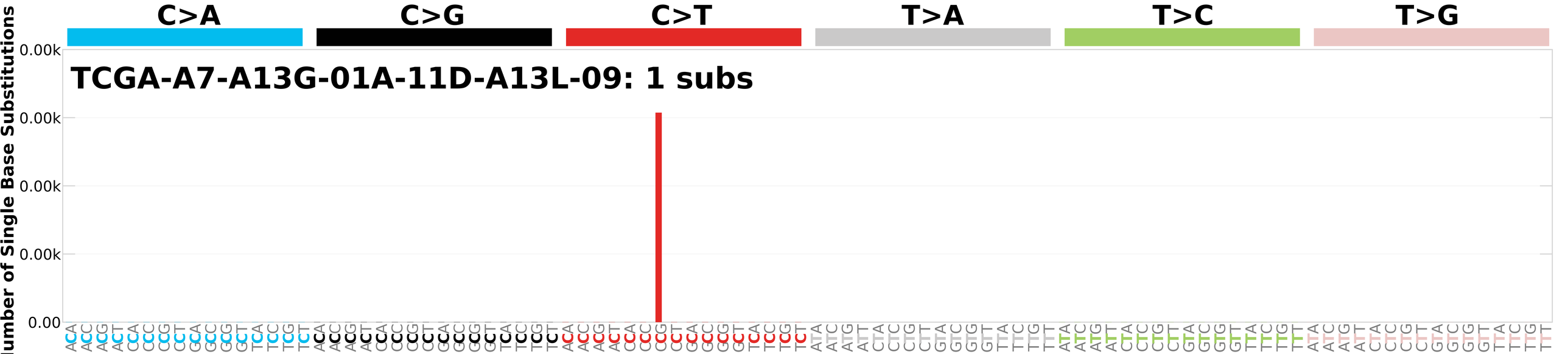
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TCGA-A7-A13G-01A-11D-A13L-09: 1 subs
Number of Single Base Substitutions
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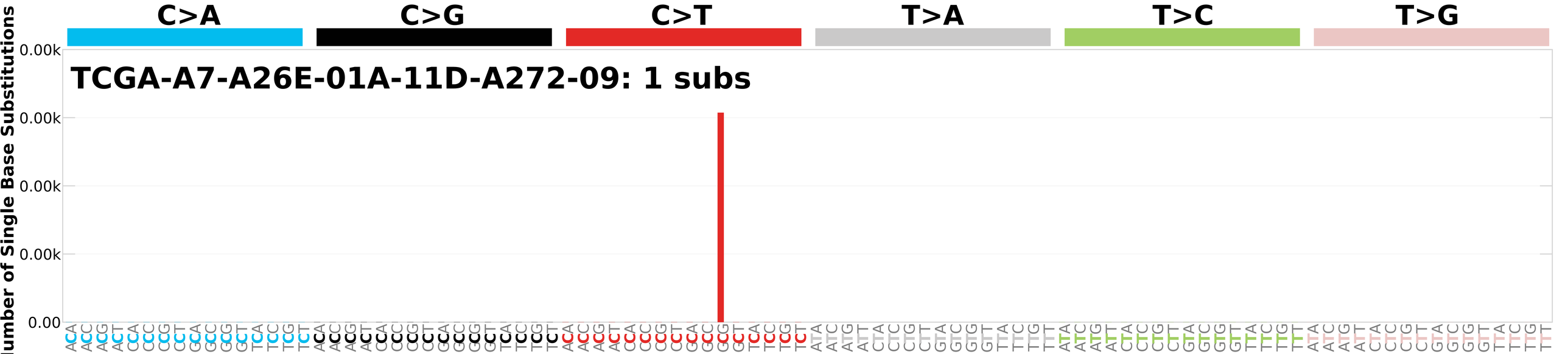
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TCGA-A7-A26E-01A-11D-A272-09: 1 subs
Number of Single Base Substitutions
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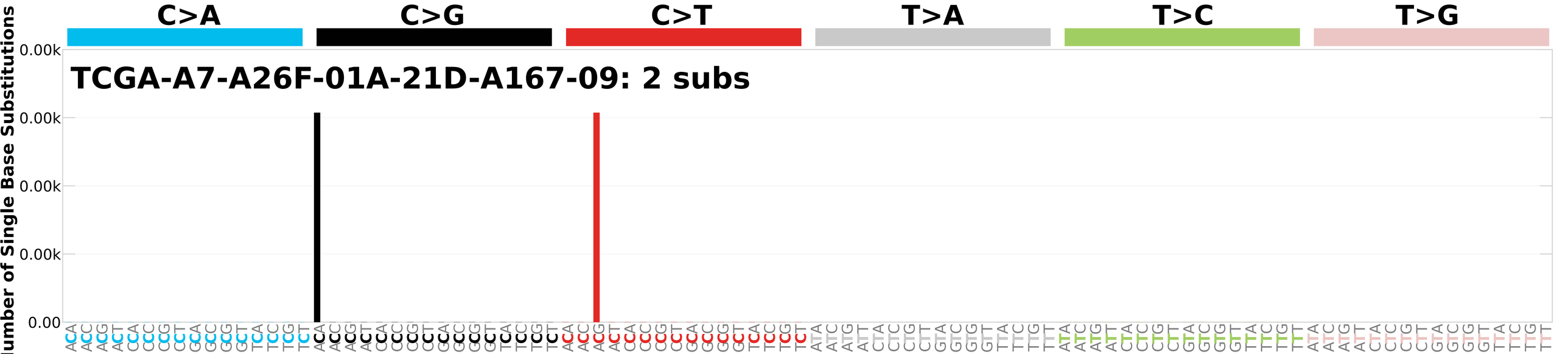
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T>G
TCGA-A7-A26F-01A-21D-A167-09: 2 subs
Number of Single Base Substitutions
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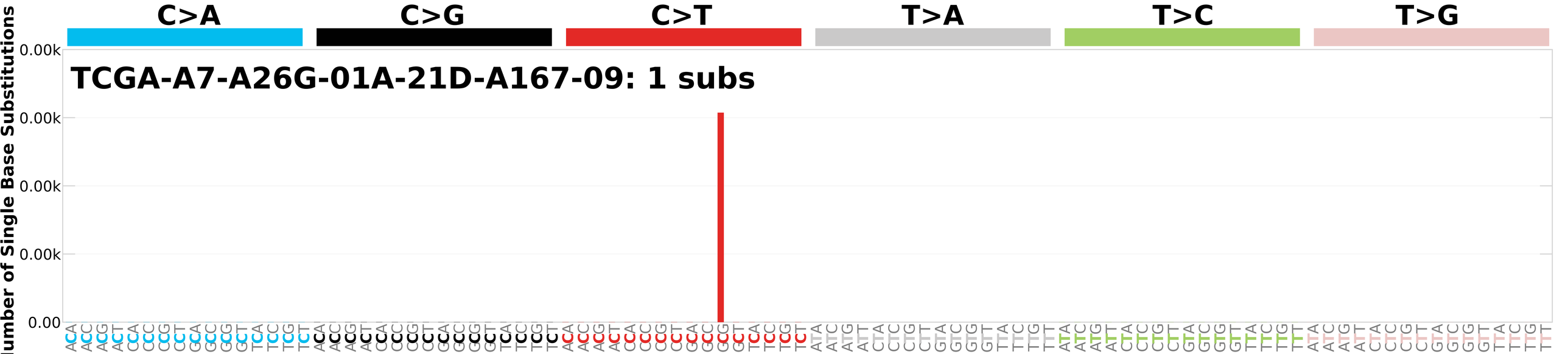
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T>C
T>G
TCGA-A7-A26G-01A-21D-A167-09: 1 subs
Number of Single Base Substitutions
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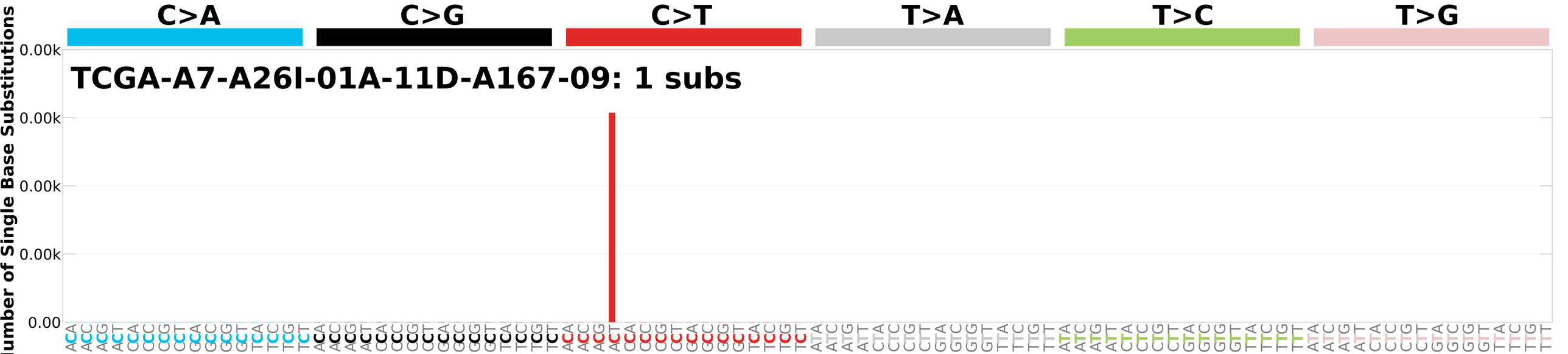
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TCGA-A7-A26I-01A-11D-A167-09: 1 subs
Number of Single Base Substitutions
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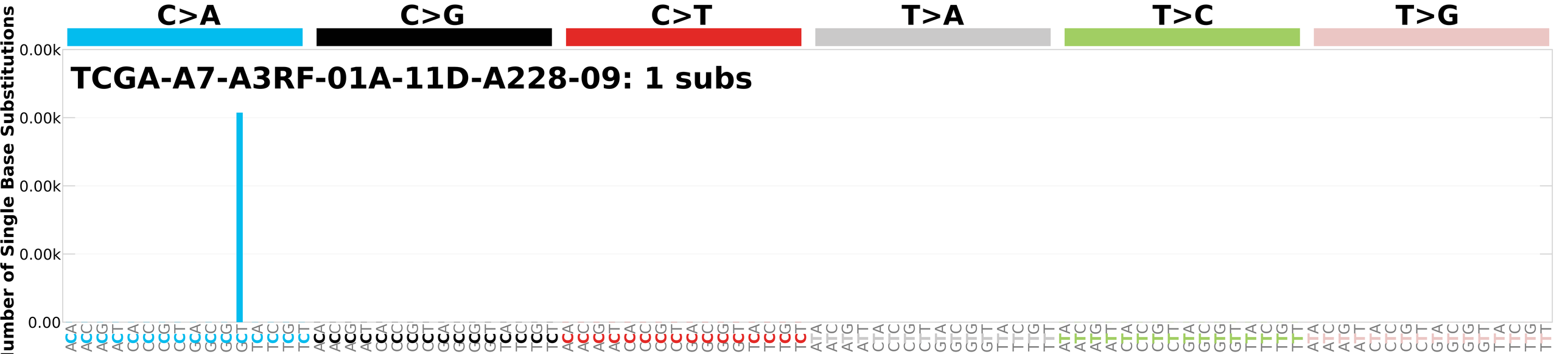
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T>G
TCGA-A7-A3RF-01A-11D-A228-09: 1 subs
Number of Single Base Substitutions
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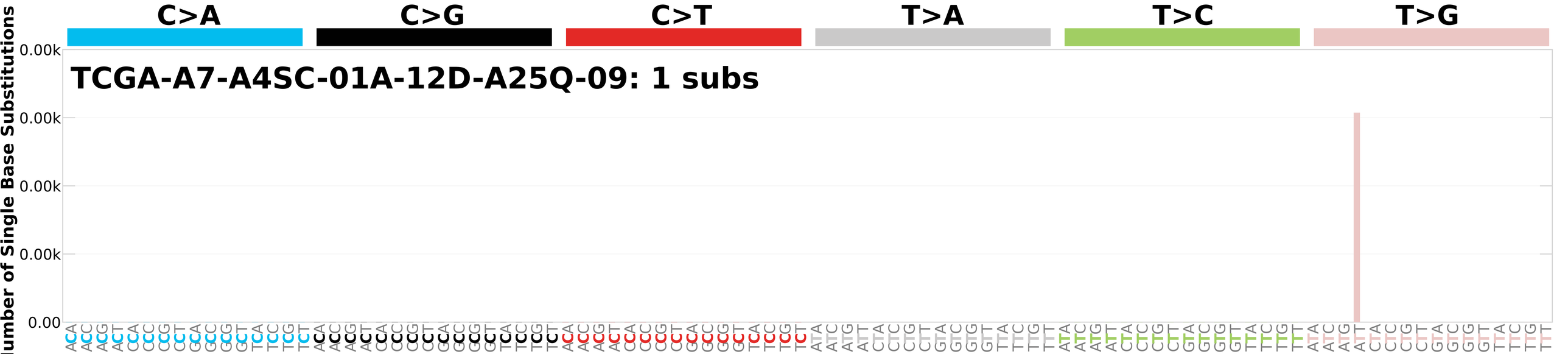
C>A
C>G
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T>C
T>G
TCGA-A7-A4SC-01A-12D-A25Q-09: 1 subs
Number of Single Base Substitutions
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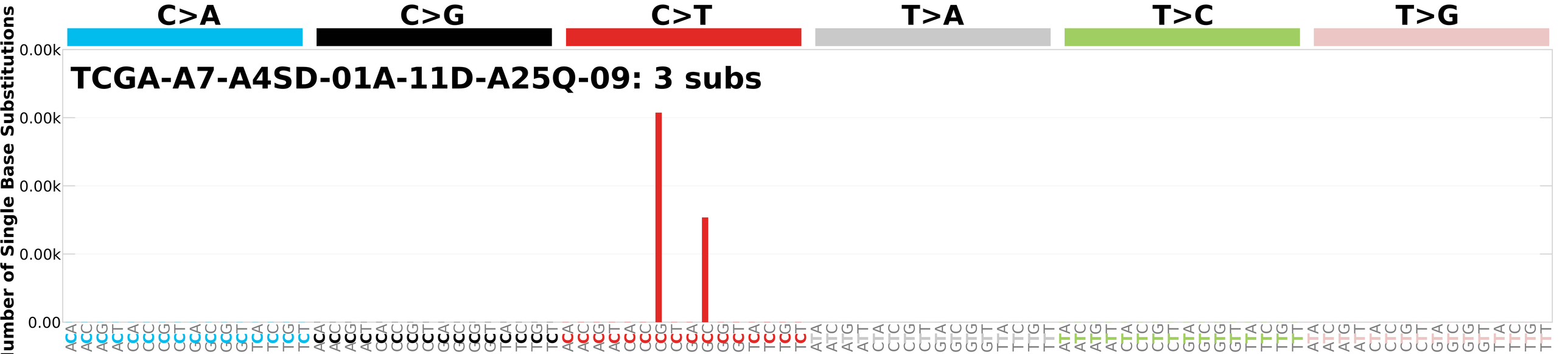
C>A
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T>G
TCGA-A7-A4SD-01A-11D-A25Q-09: 3 subs
Number of Single Base Substitutions
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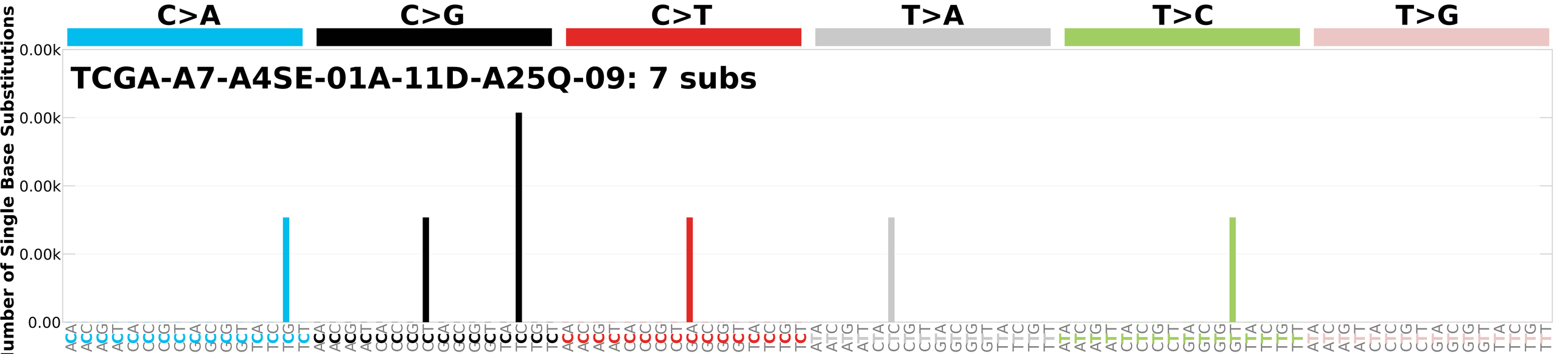
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TCGA-A7-A4SE-01A-11D-A25Q-09: 7 subs
Number of Single Base Substitutions
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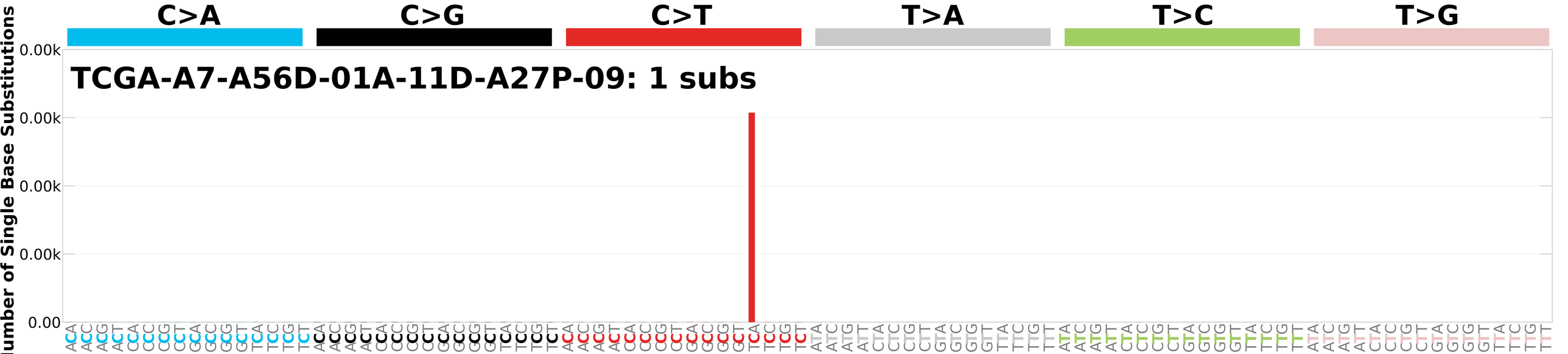
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TCGA-A7-A56D-01A-11D-A27P-09: 1 subs
Number of Single Base Substitutions
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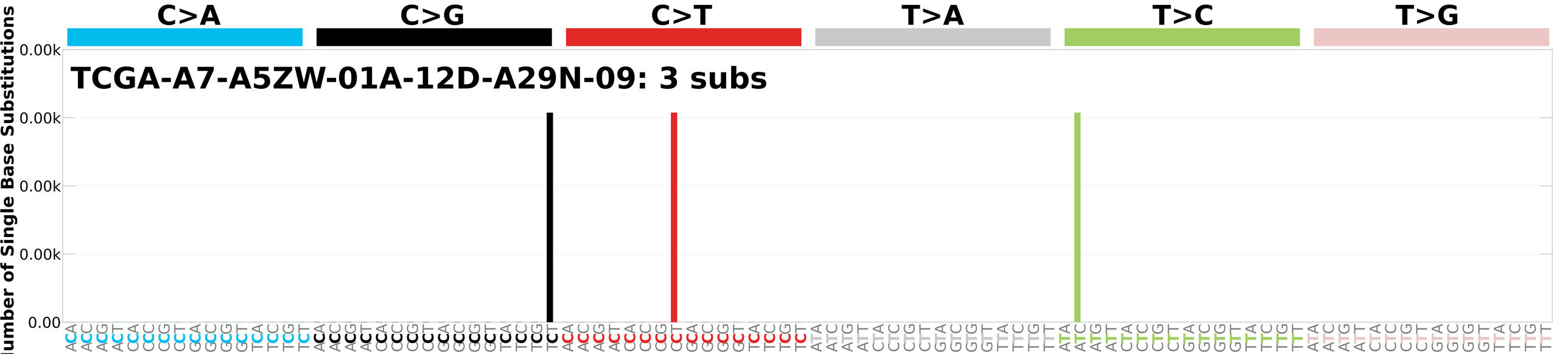
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TCGA-A7-A5ZW-01A-12D-A29N-09: 3 subs
Number of Single Base Substitutions
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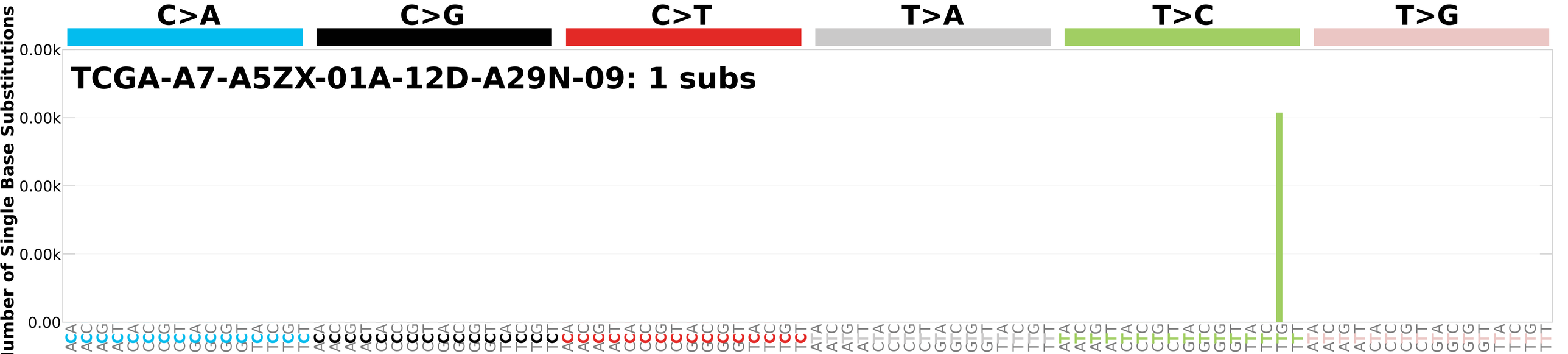
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C>T
T>A
T>C
T>G
TCGA-A7-A5ZX-01A-12D-A29N-09: 1 subs
Number of Single Base Substitutions
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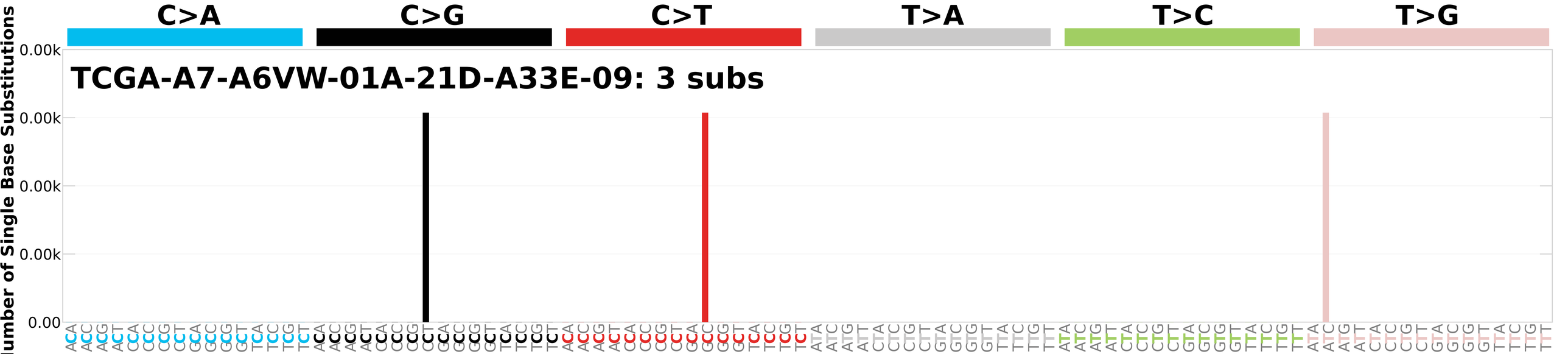
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TCGA-A7-A6VW-01A-21D-A33E-09: 3 subs
Number of Single Base Substitutions
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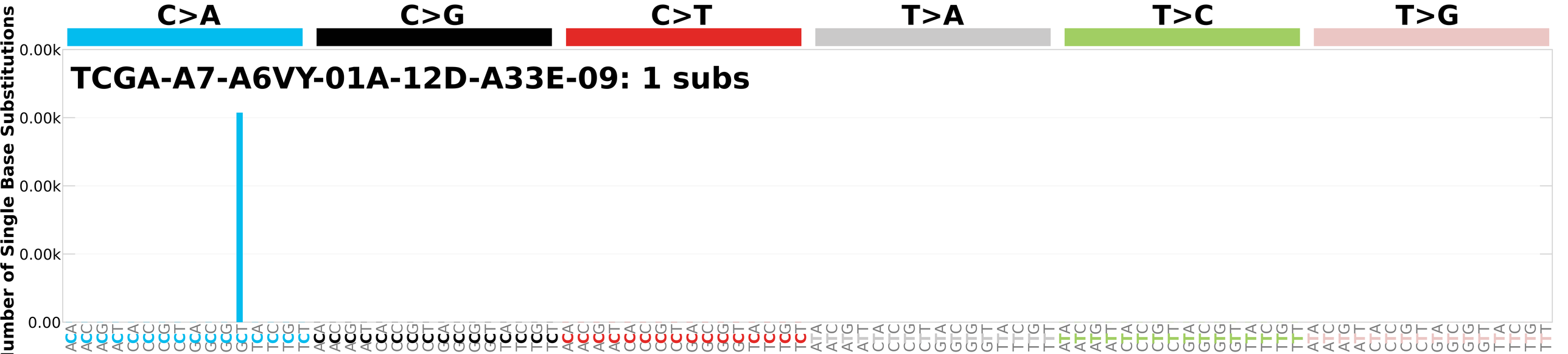
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TCGA-A7-A6VY-01A-12D-A33E-09: 1 subs
Number of Single Base Substitutions
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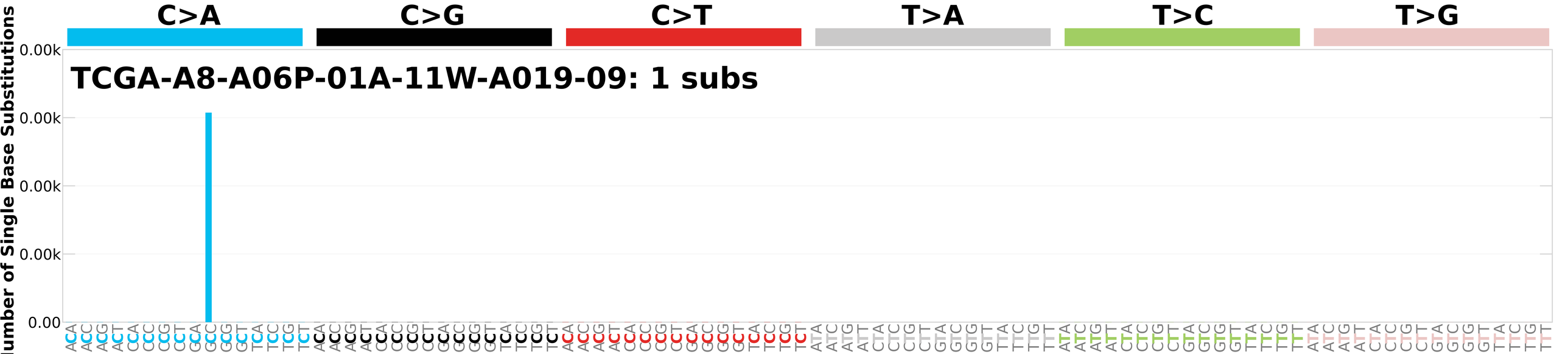
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TCGA-A8-A06P-01A-11W-A019-09: 1 subs
Number of Single Base Substitutions
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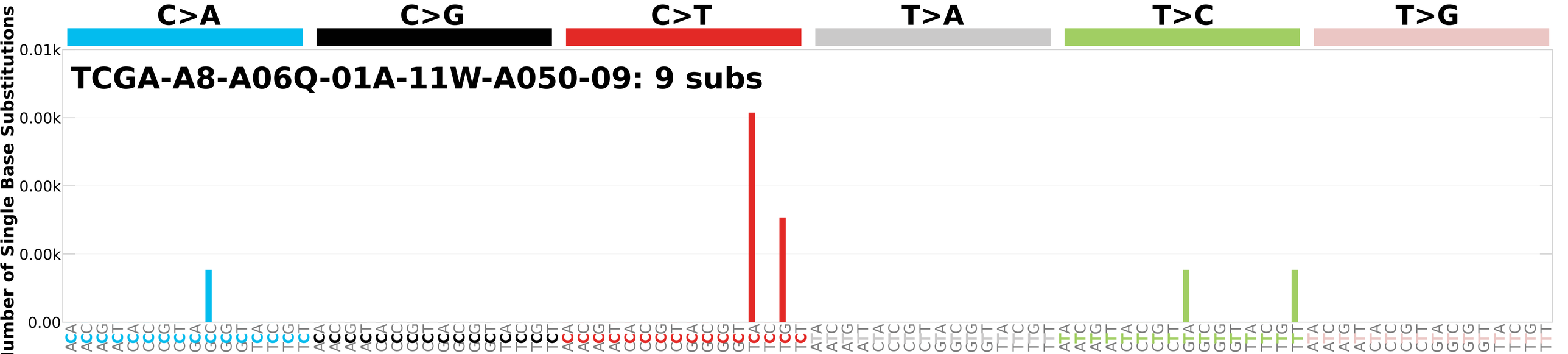
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Number of Single Base Substitutions
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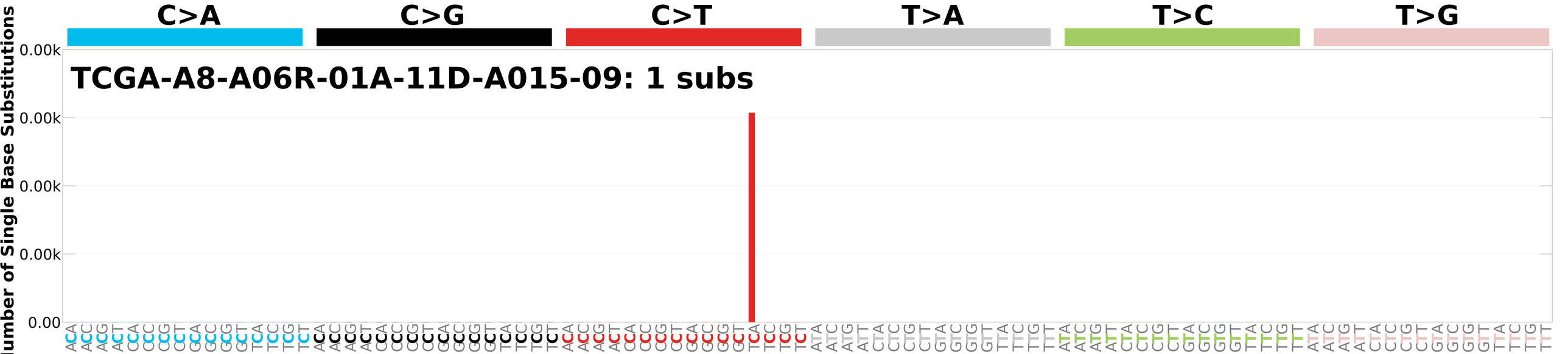
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Number of Single Base Substitutions
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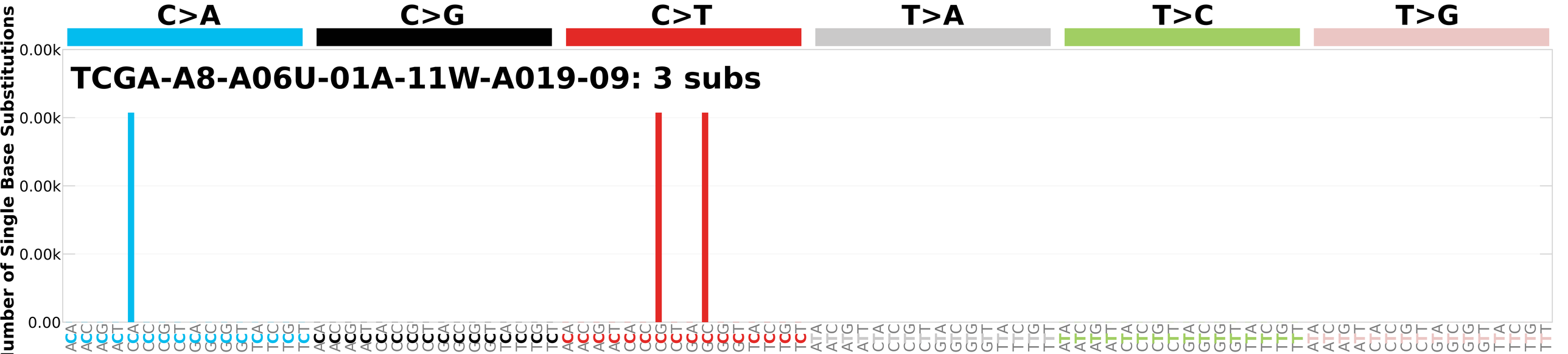
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TCGA-A8-A06U-01A-11W-A019-09: 3 subs
Number of Single Base Substitutions
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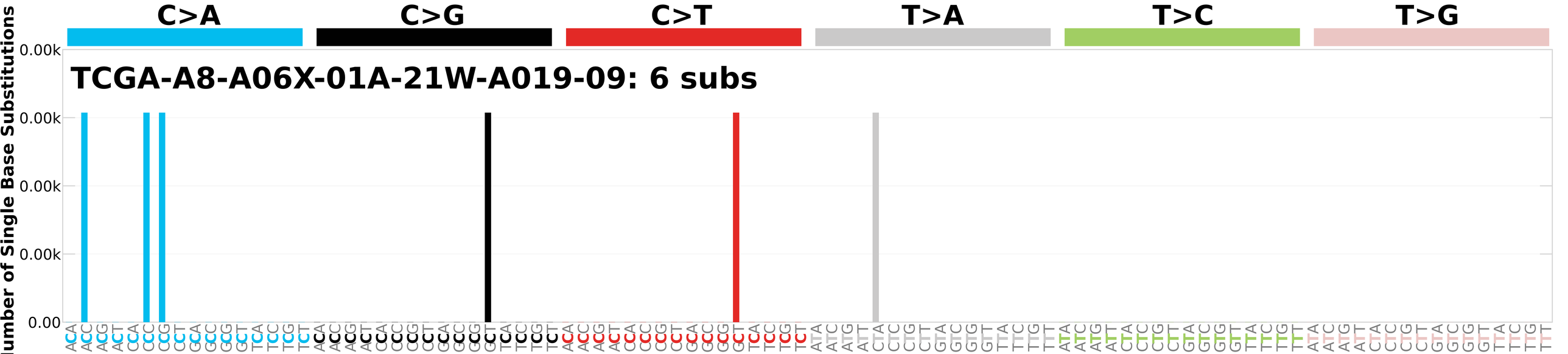
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TCGA-A8-A06X-01A-21W-A019-09: 6 subs
Number of Single Base Substitutions
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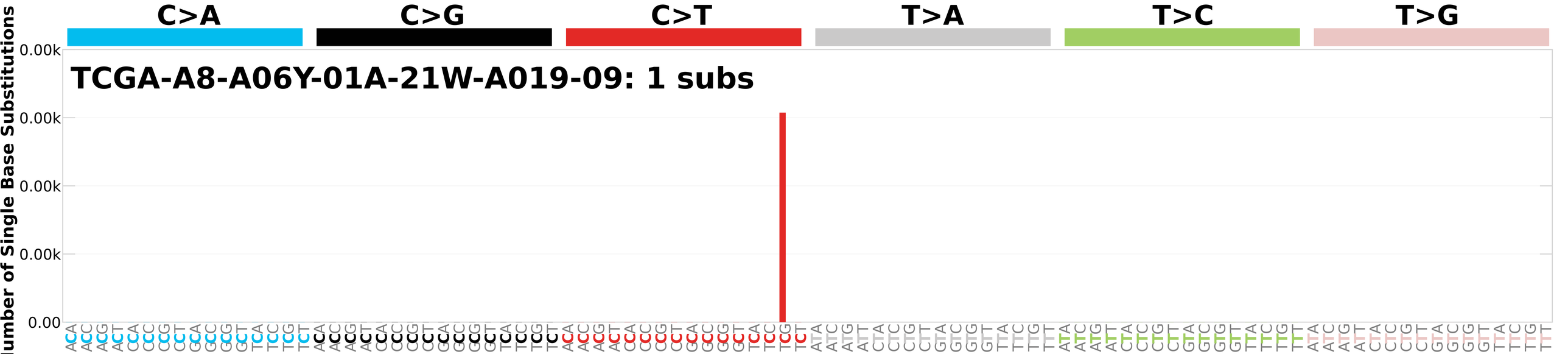
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TCGA-A8-A06Y-01A-21W-A019-09: 1 subs
Number of Single Base Substitutions
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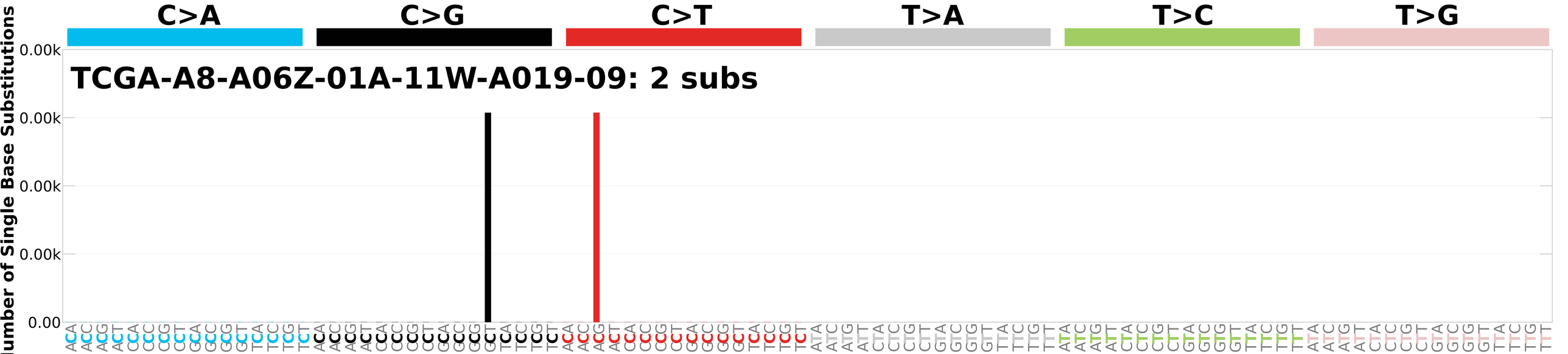
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TCGA-A8-A06Z-01A-11W-A019-09: 2 subs
Number of Single Base Substitutions
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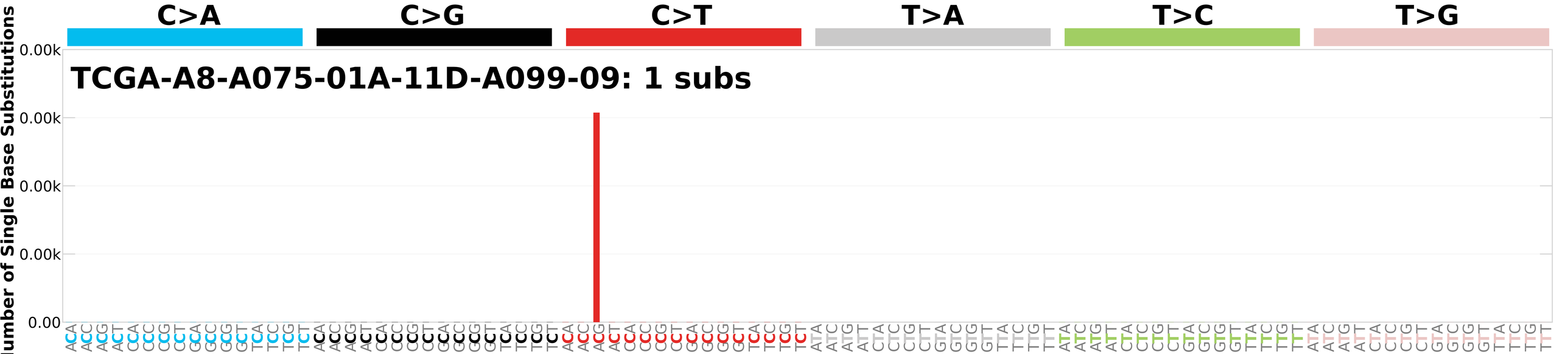
C>A
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T>G
TCGA-A8-A075-01A-11D-A099-09: 1 subs
Number of Single Base Substitutions
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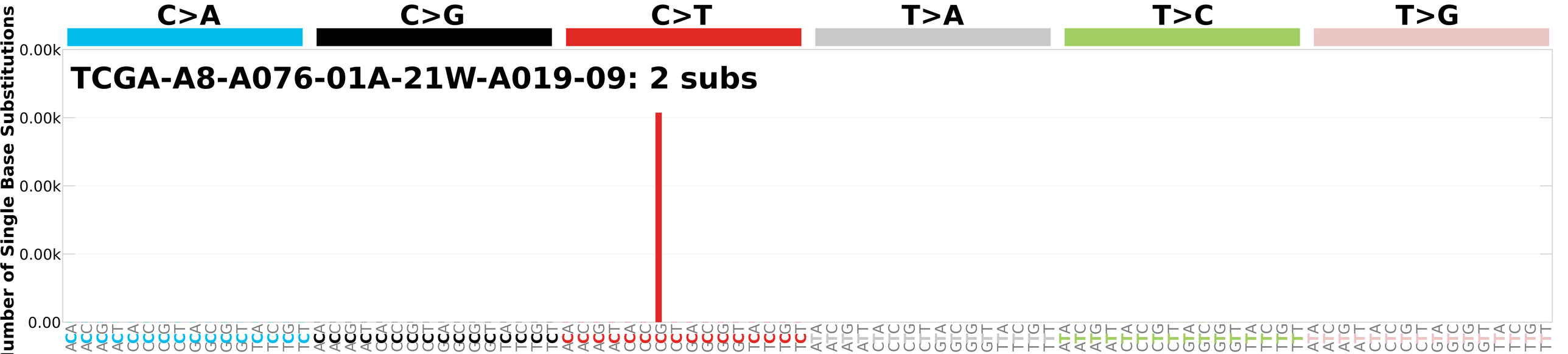
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T>G
TCGA-A8-A076-01A-21W-A019-09: 2 subs
Number of Single Base Substitutions
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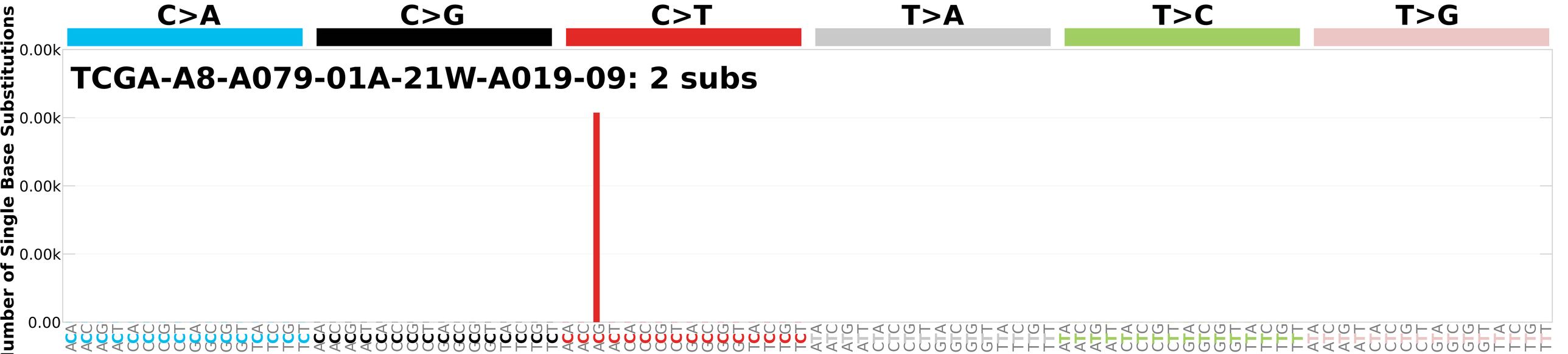
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TCGA-A8-A079-01A-21W-A019-09: 2 subs
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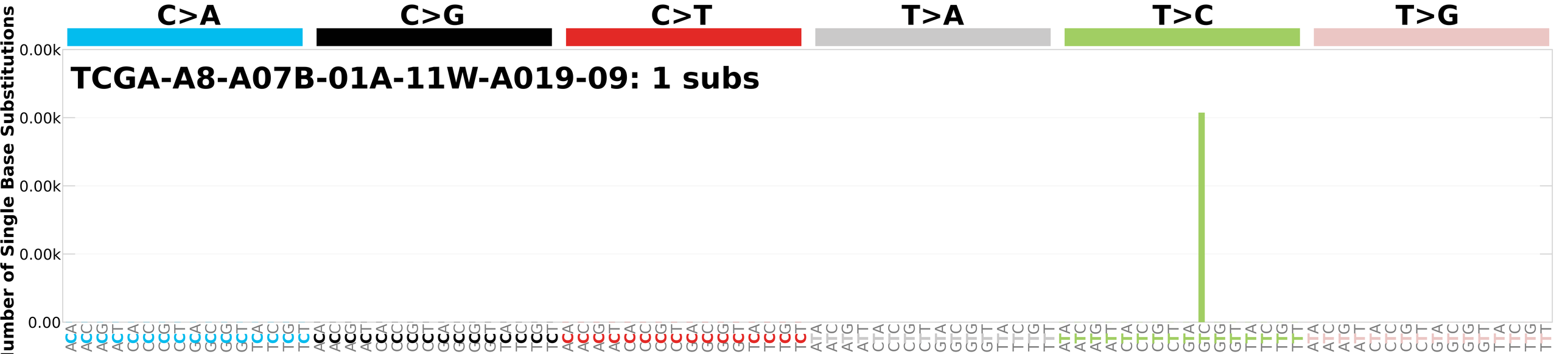
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T>G
TCGA-A8-A07B-01A-11W-A019-09: 1 subs
Number of Single Base Substitutions
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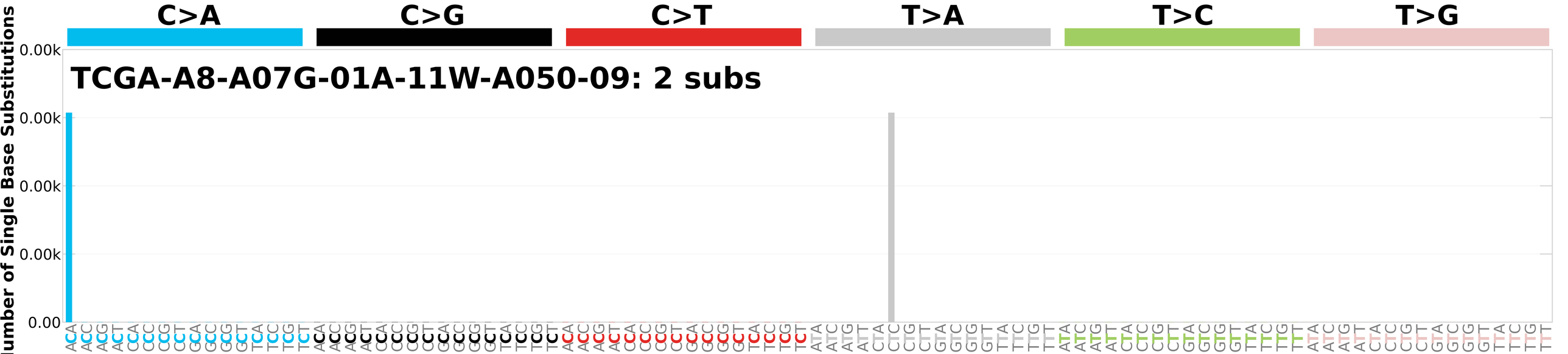
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T>G
TCGA-A8-A07G-01A-11W-A050-09: 2 subs
Number of Single Base Substitutions
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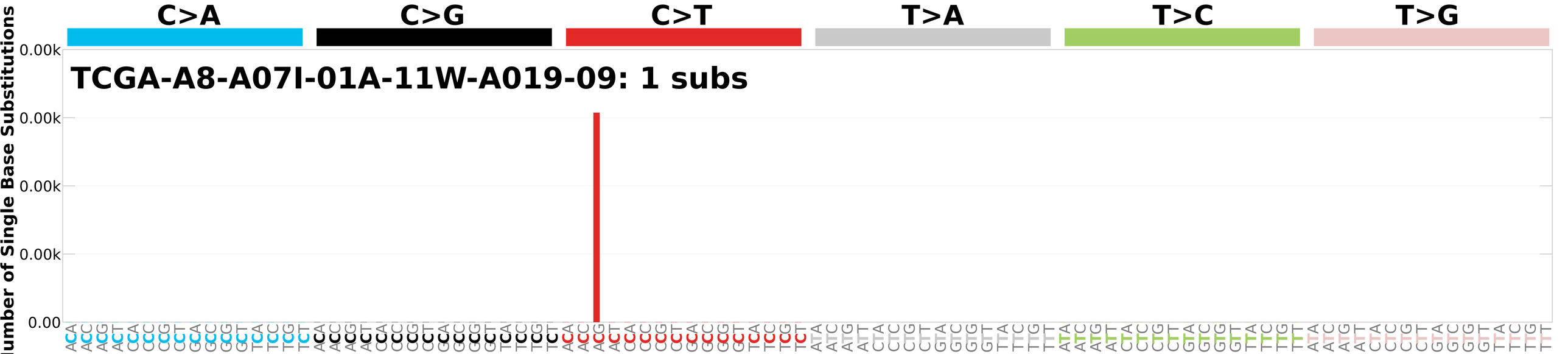
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TCGA-A8-A07I-01A-11W-A019-09: 1 subs
Number of Single Base Substitutions
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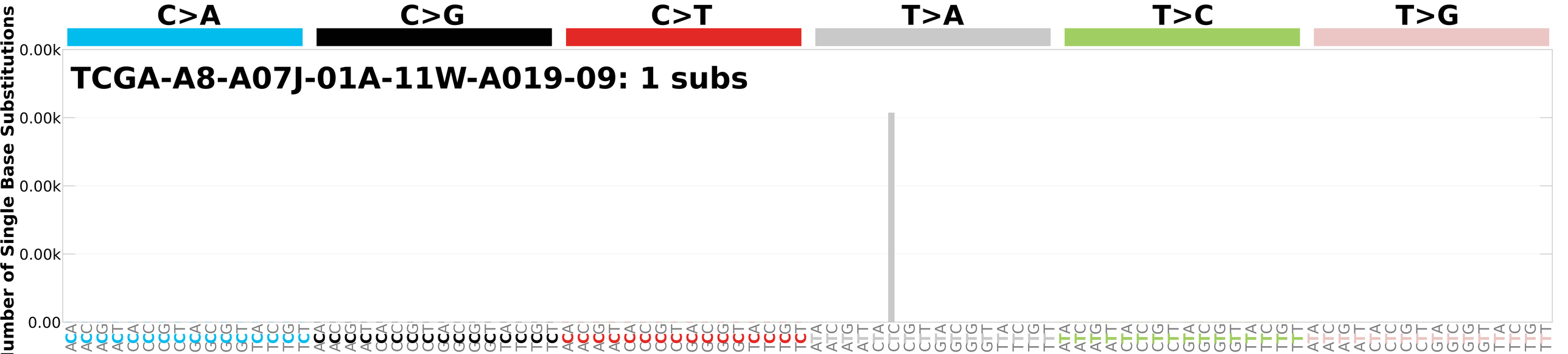
C>A
C>G
C>T
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T>G
TCGA-A8-A07J-01A-11W-A019-09: 1 subs
Number of Single Base Substitutions
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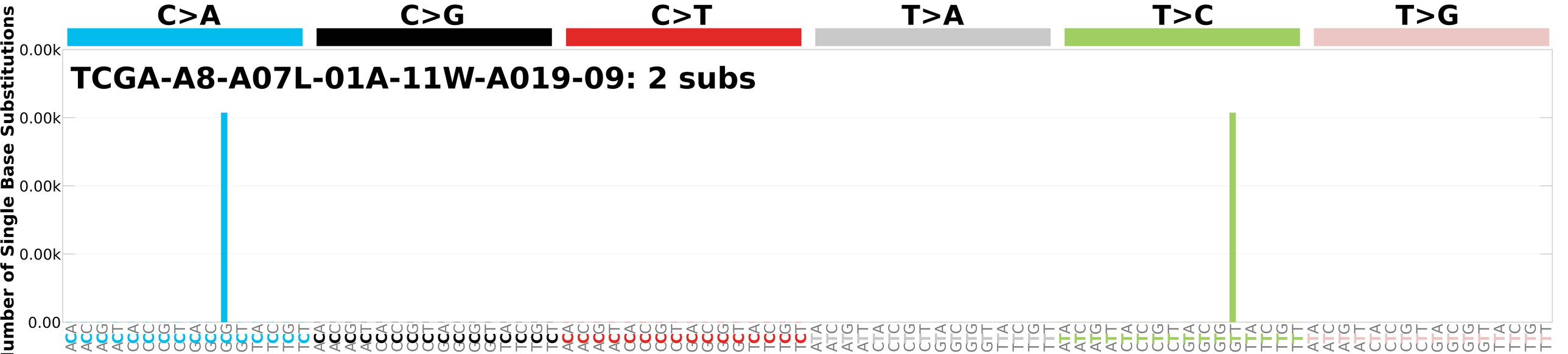
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TCGA-A8-A07L-01A-11W-A019-09: 2 subs
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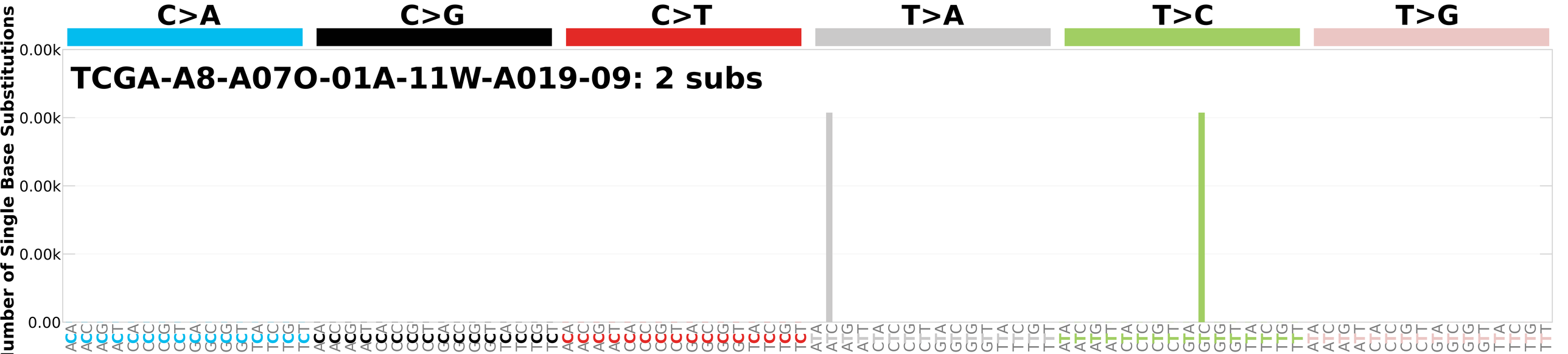
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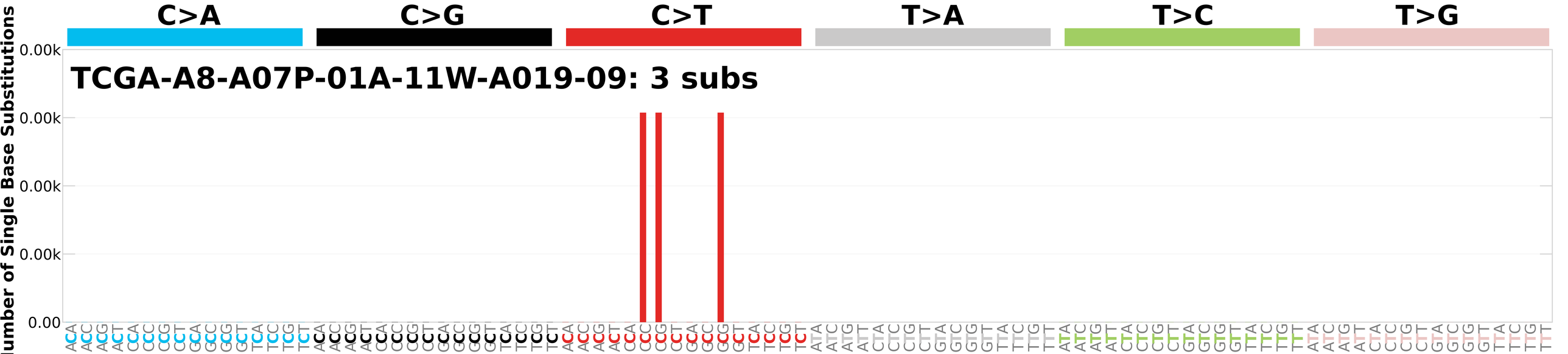
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T>G
TCGA-A8-A07P-01A-11W-A019-09: 3 subs
Number of Single Base Substitutions
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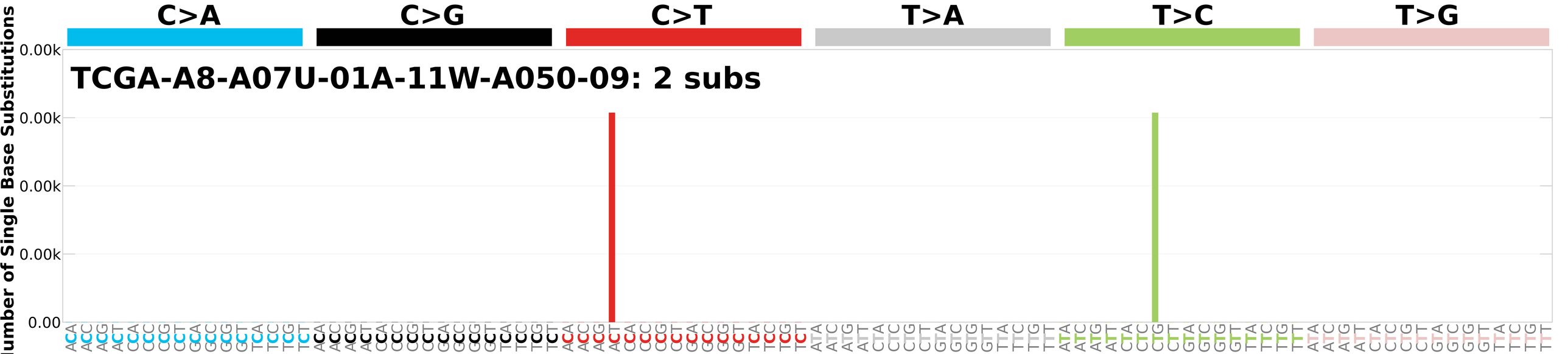
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T>G
TCGA-A8-A07U-01A-11W-A050-09: 2 subs
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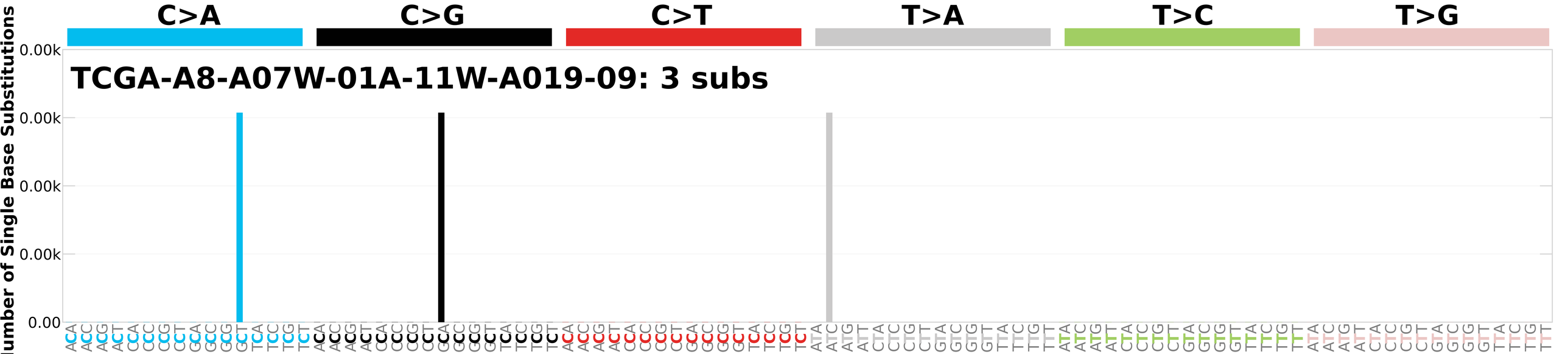
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TCGA-A8-A07W-01A-11W-A019-09: 3 subs
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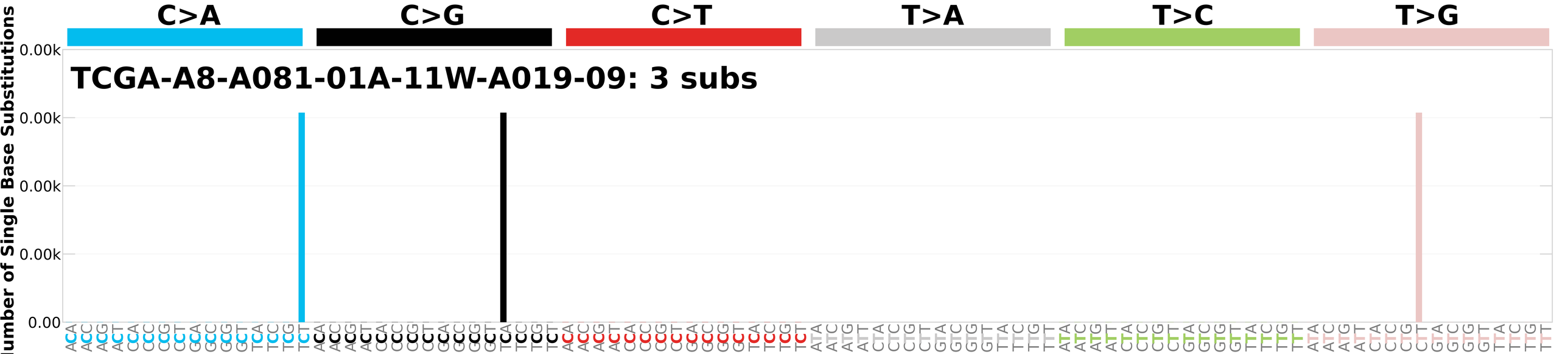
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TCGA-A8-A081-01A-11W-A019-09: 3 subs
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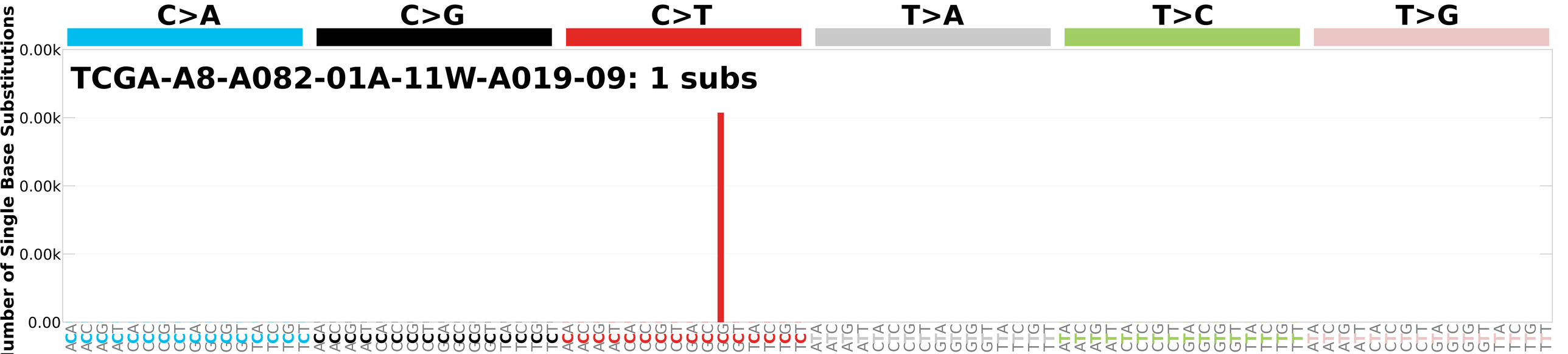
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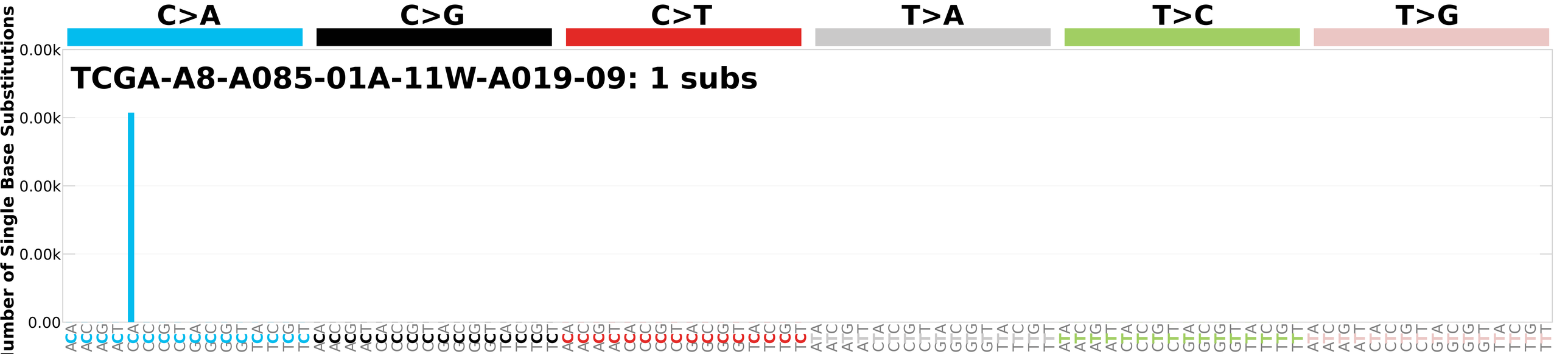
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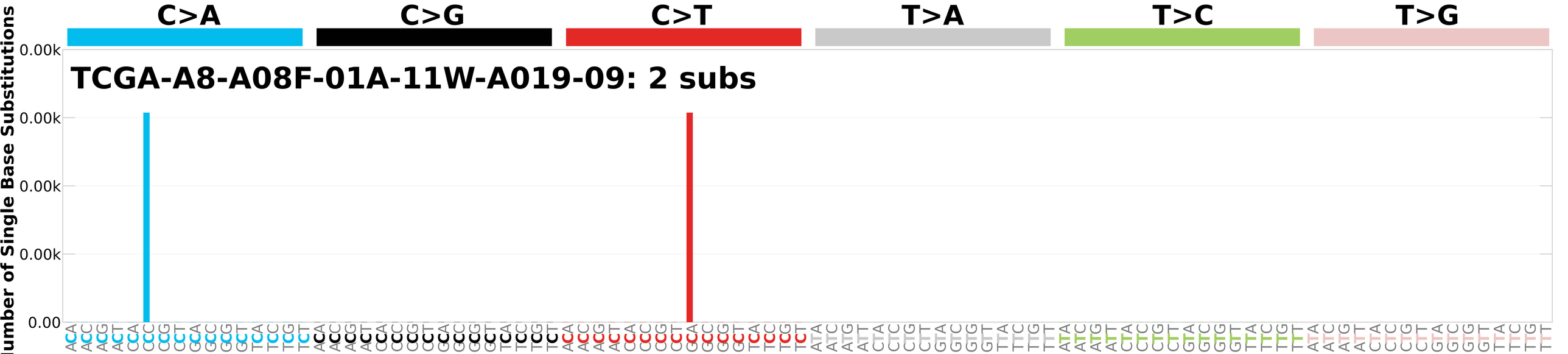
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T>G
TCGA-A8-A08F-01A-11W-A019-09: 2 subs
Number of Single Base Substitutions
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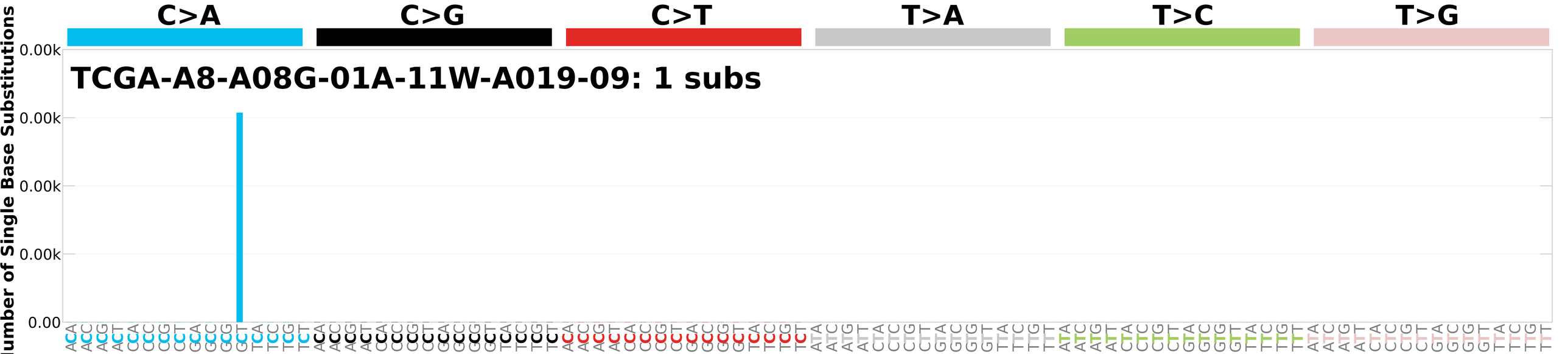
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T>G
TCGA-A8-A08G-01A-11W-A019-09: 1 subs
Number of Single Base Substitutions
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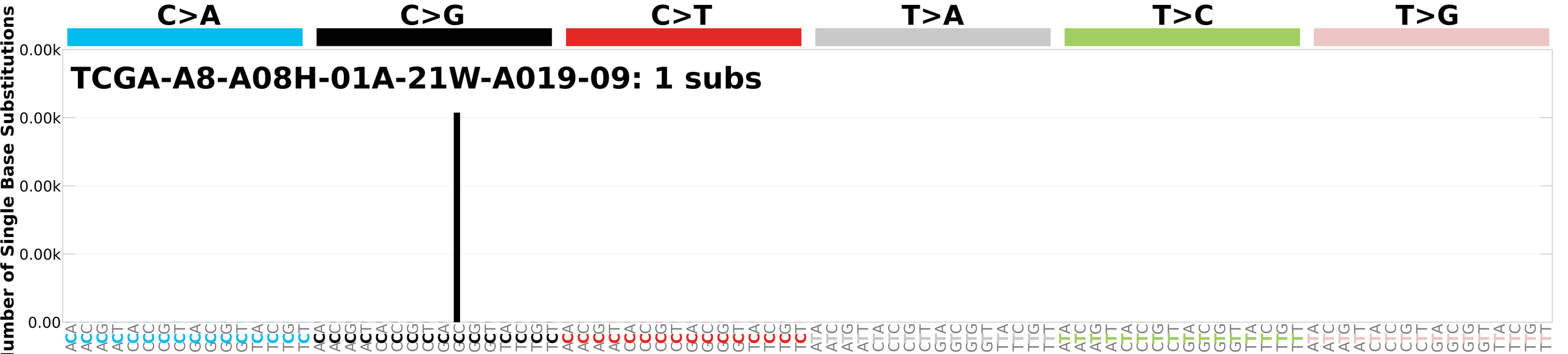
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T>G
TCGA-A8-A08H-01A-21W-A019-09: 1 subs
Number of Single Base Substitutions
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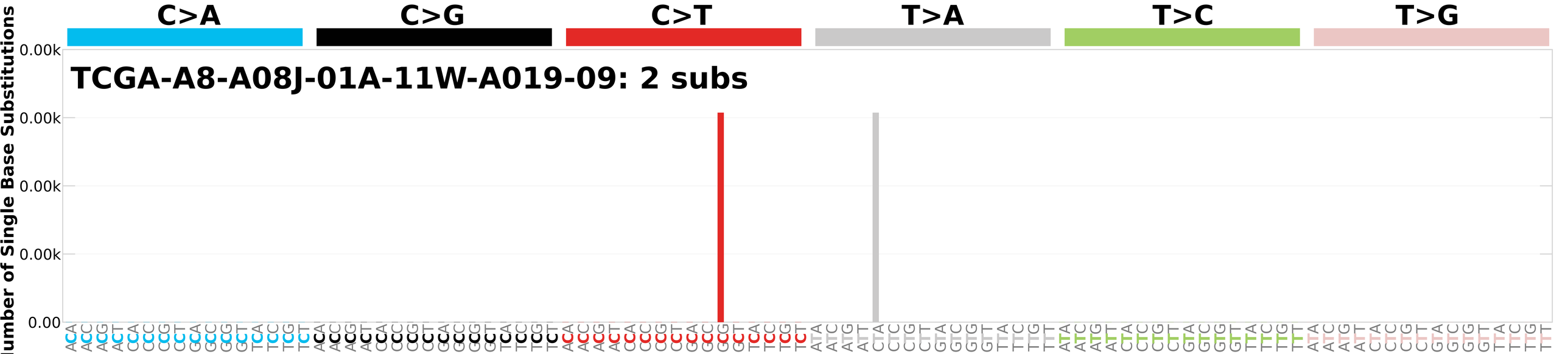
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TCGA-A8-A08J-01A-11W-A019-09: 2 subs
Number of Single Base Substitutions
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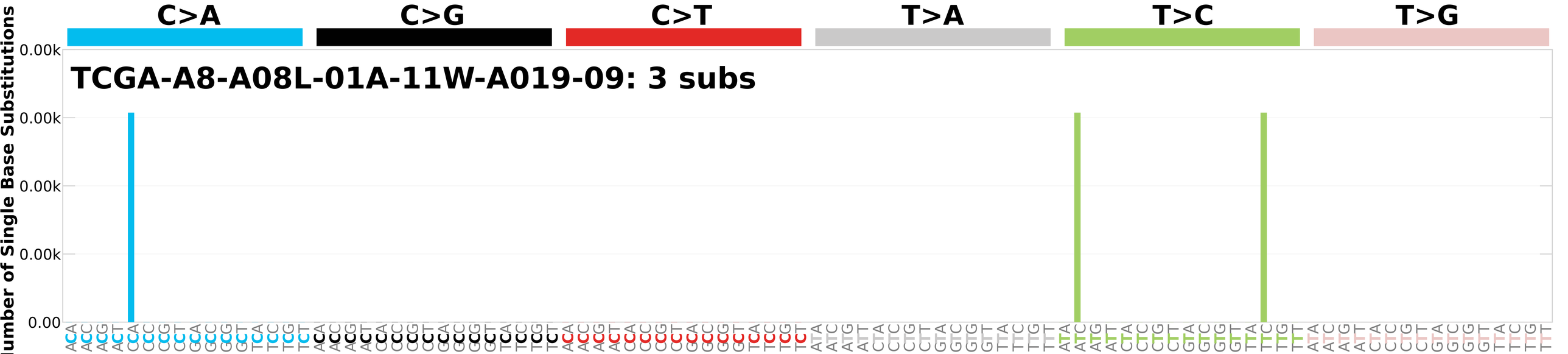
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TCGA-A8-A08L-01A-11W-A019-09: 3 subs
Number of Single Base Substitutions
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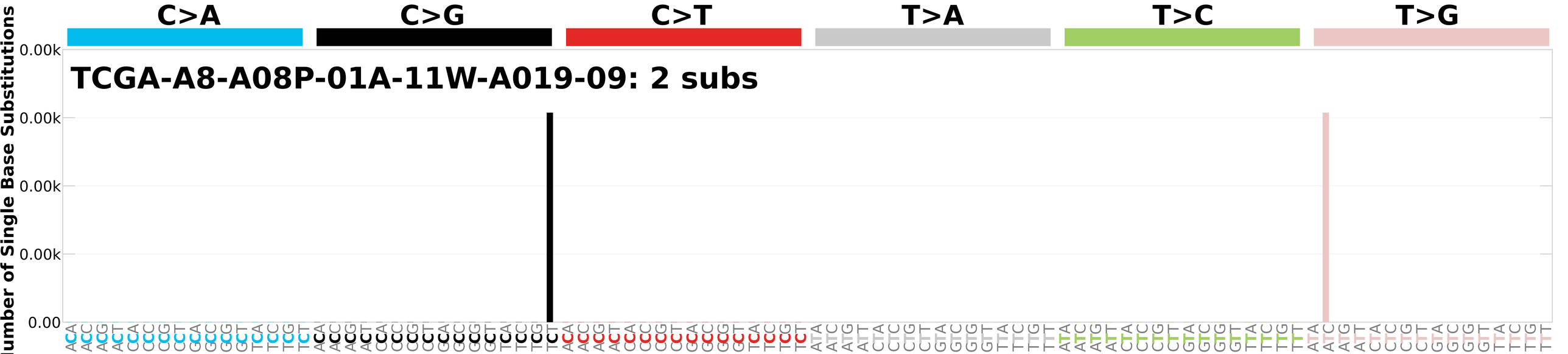
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TCGA-A8-A08P-01A-11W-A019-09: 2 subs
Number of Single Base Substitutions
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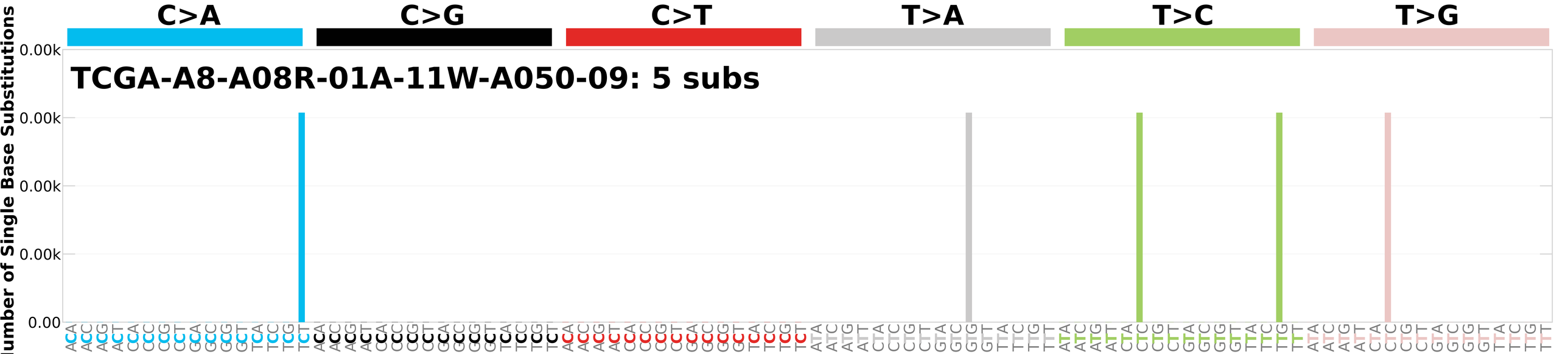
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T>G
TCGA-A8-A08R-01A-11W-A050-09: 5 subs
Number of Single Base Substitutions
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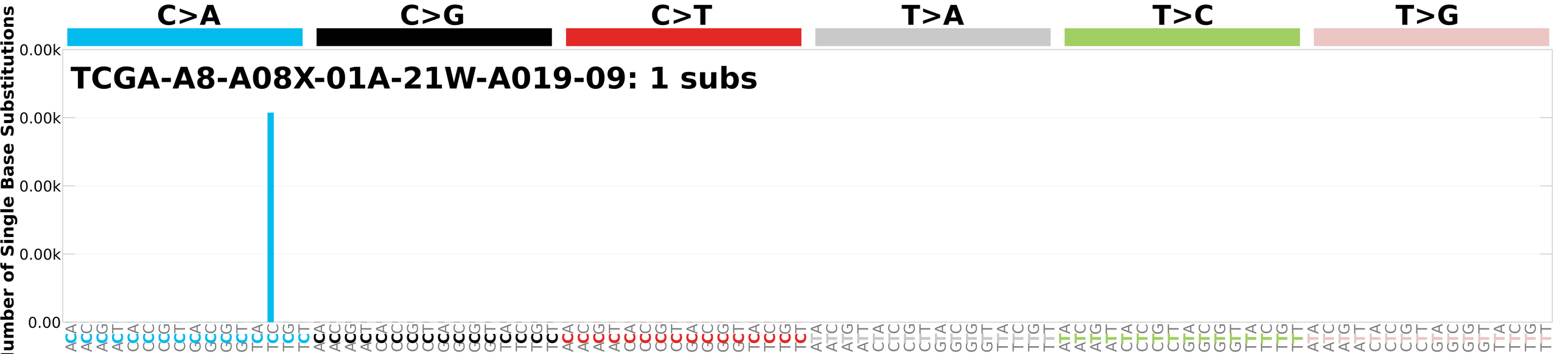
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TCGA-A8-A08X-01A-21W-A019-09: 1 subs
Number of Single Base Substitutions
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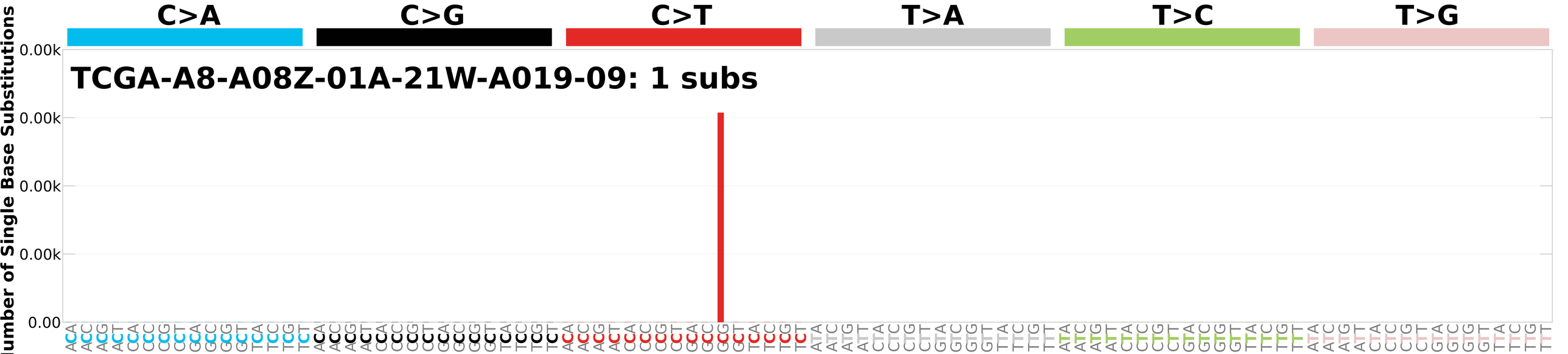
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T>G
TCGA-A8-A08Z-01A-21W-A019-09: 1 subs
Number of Single Base Substitutions
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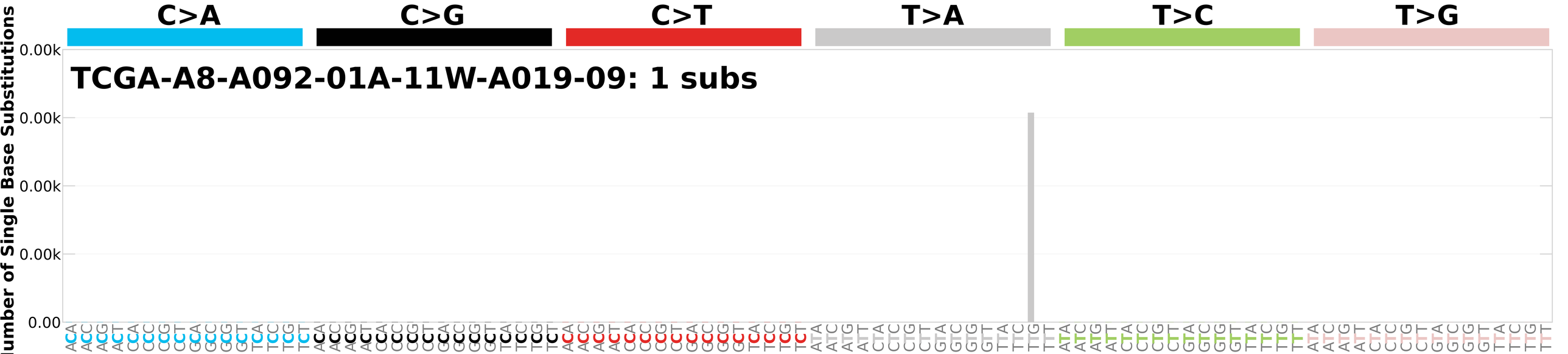
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TCGA-A8-A092-01A-11W-A019-09: 1 subs
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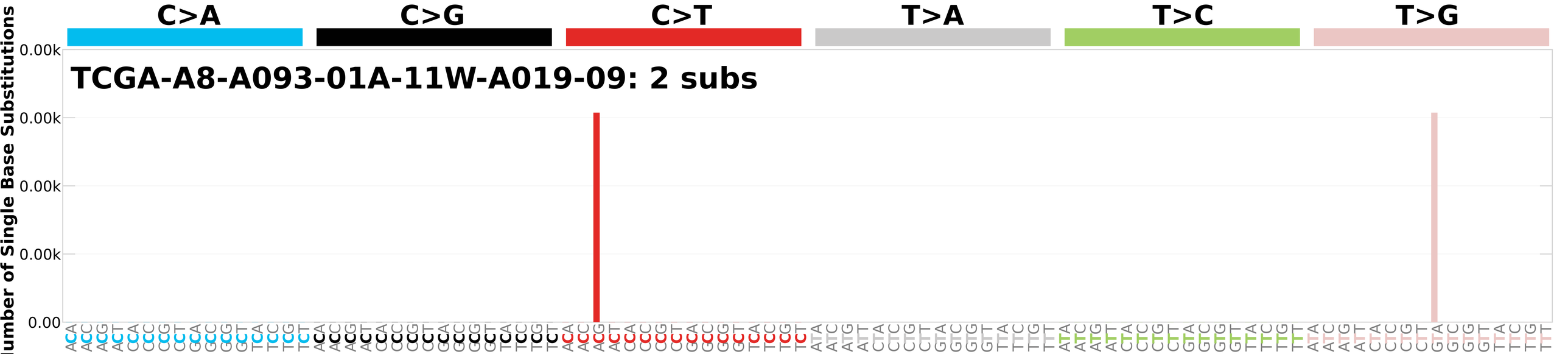
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TCGA-A8-A093-01A-11W-A019-09: 2 subs
Number of Single Base Substitutions
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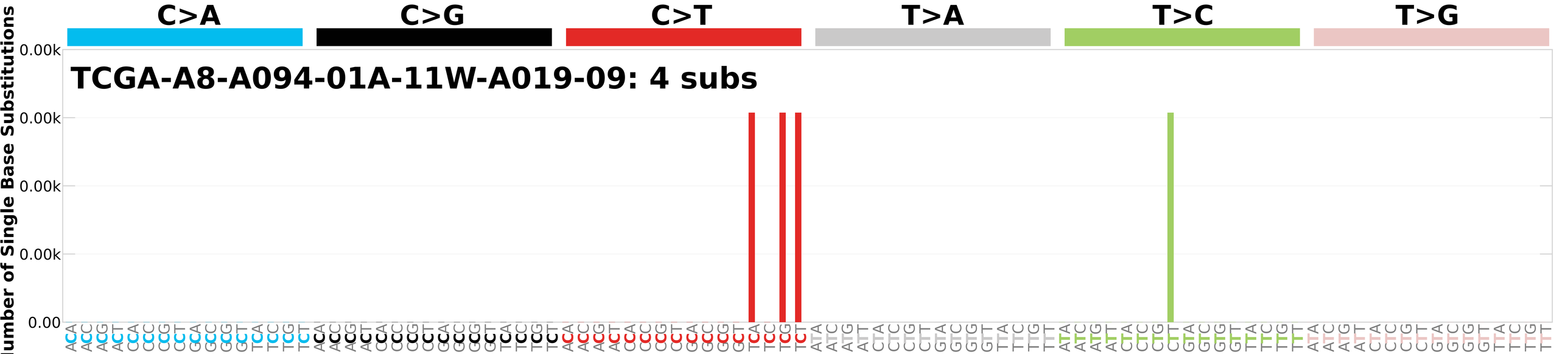
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TCGA-A8-A094-01A-11W-A019-09: 4 subs
Number of Single Base Substitutions
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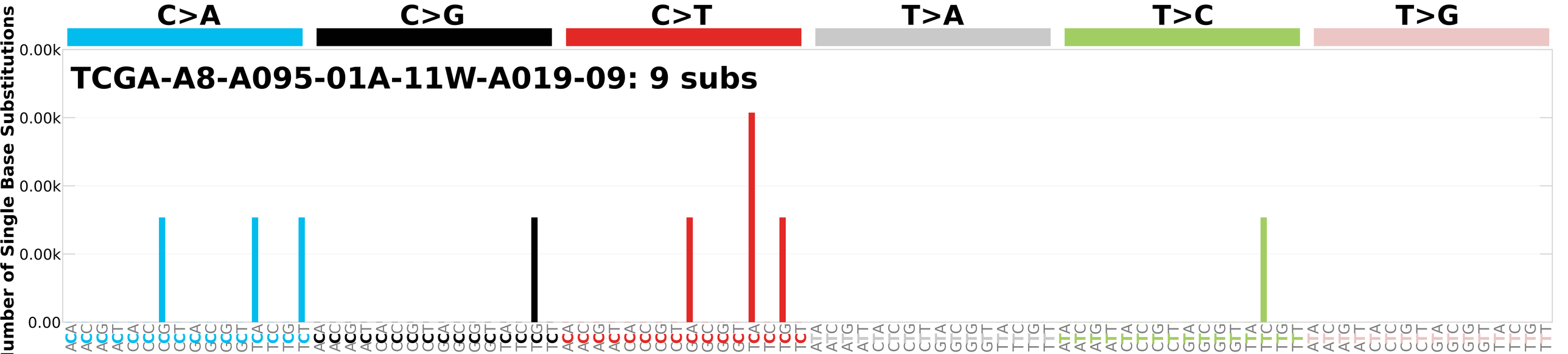
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T>G
TCGA-A8-A095-01A-11W-A019-09: 9 subs
Number of Single Base Substitutions
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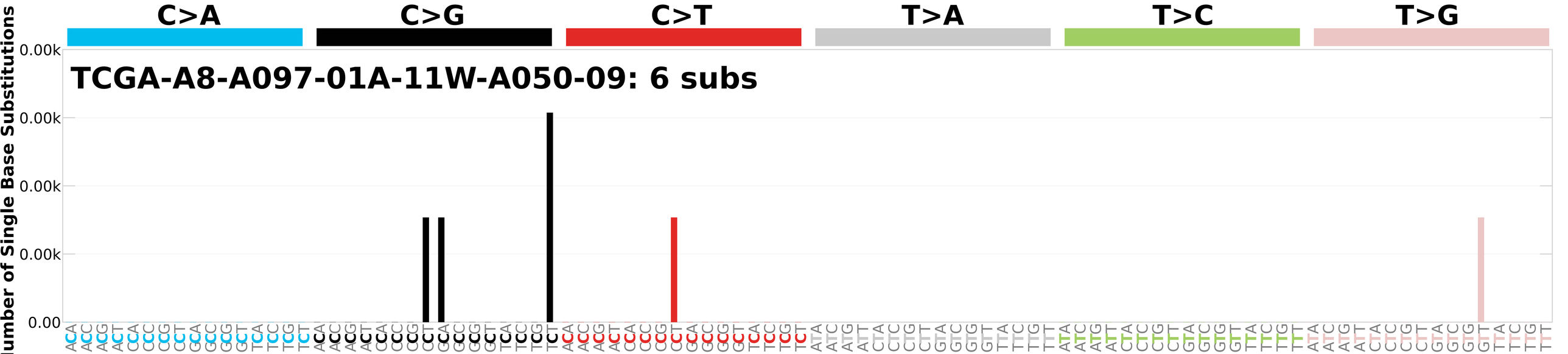
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TCGA-A8-A097-01A-11W-A050-09: 6 subs
Number of Single Base Substitutions
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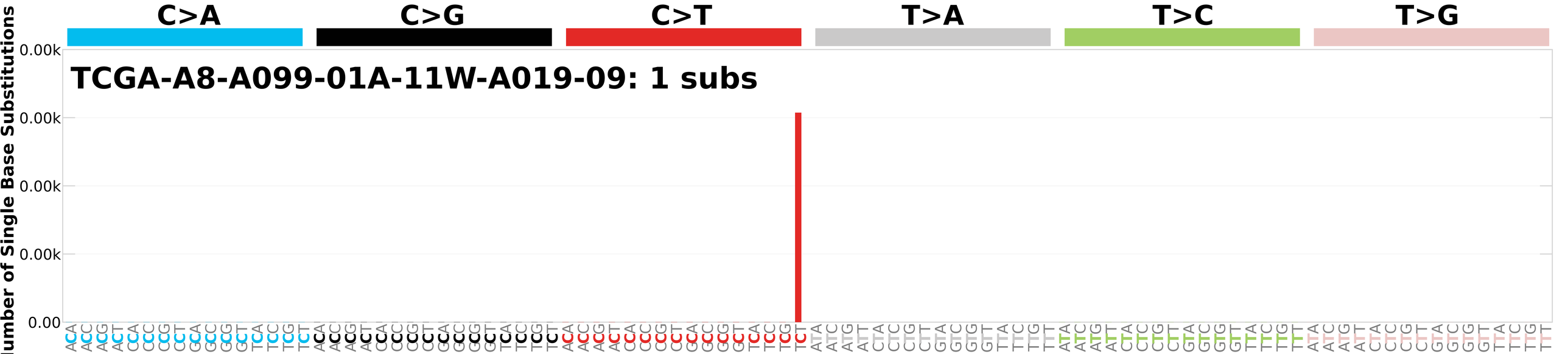
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TCGA-A8-A099-01A-11W-A019-09: 1 subs
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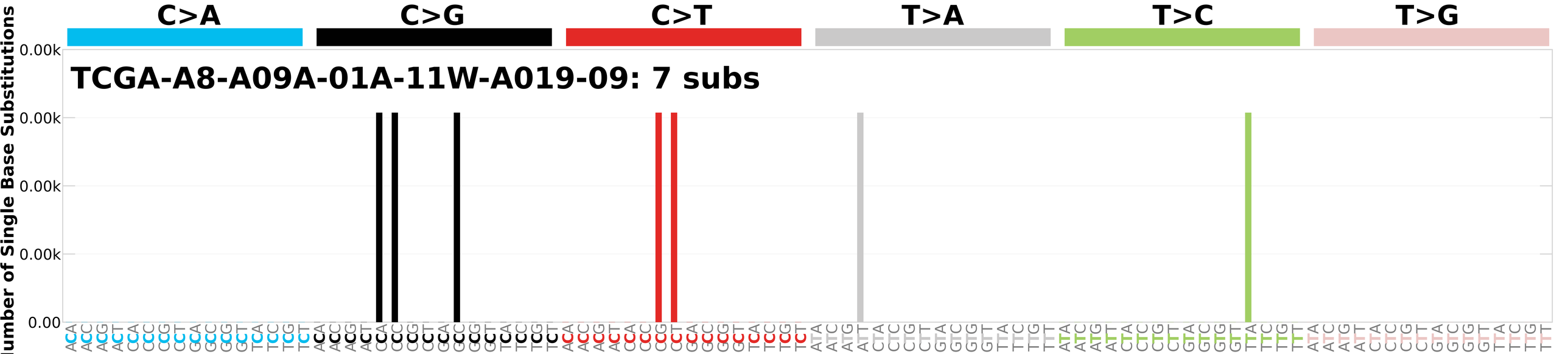
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T>G
TCGA-A8-A09A-01A-11W-A019-09: 7 subs
Number of Single Base Substitutions
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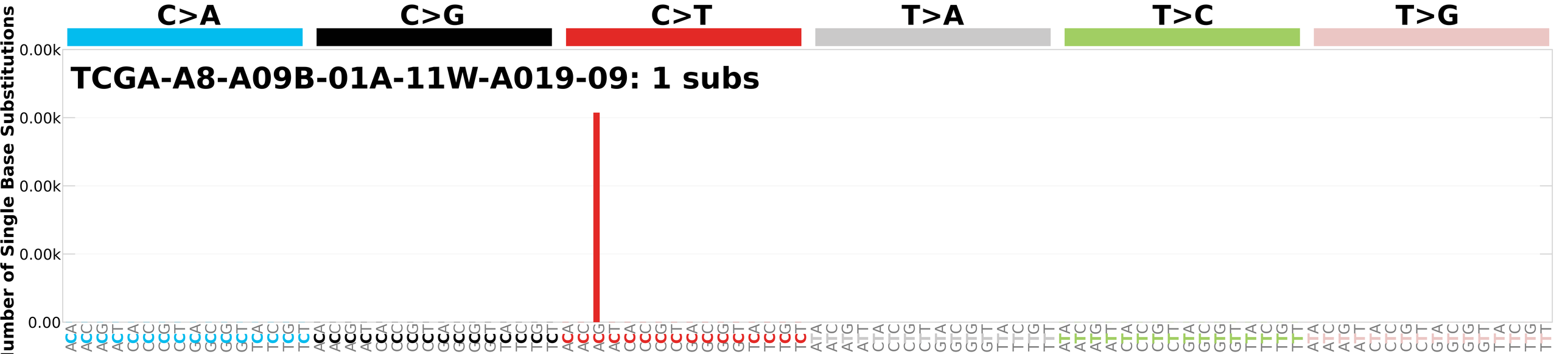
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TCGA-A8-A09B-01A-11W-A019-09: 1 subs
Number of Single Base Substitutions
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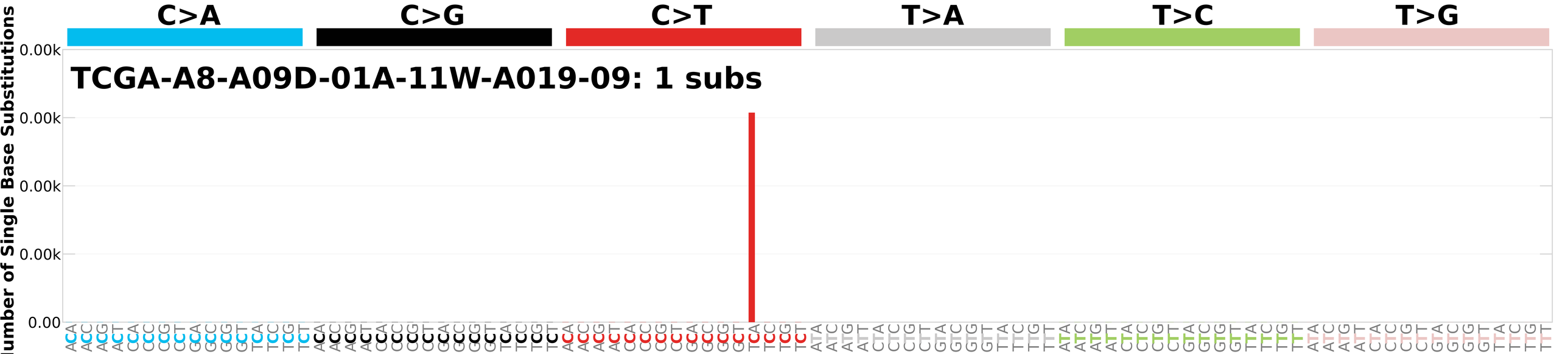
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TCGA-A8-A09D-01A-11W-A019-09: 1 subs
Number of Single Base Substitutions
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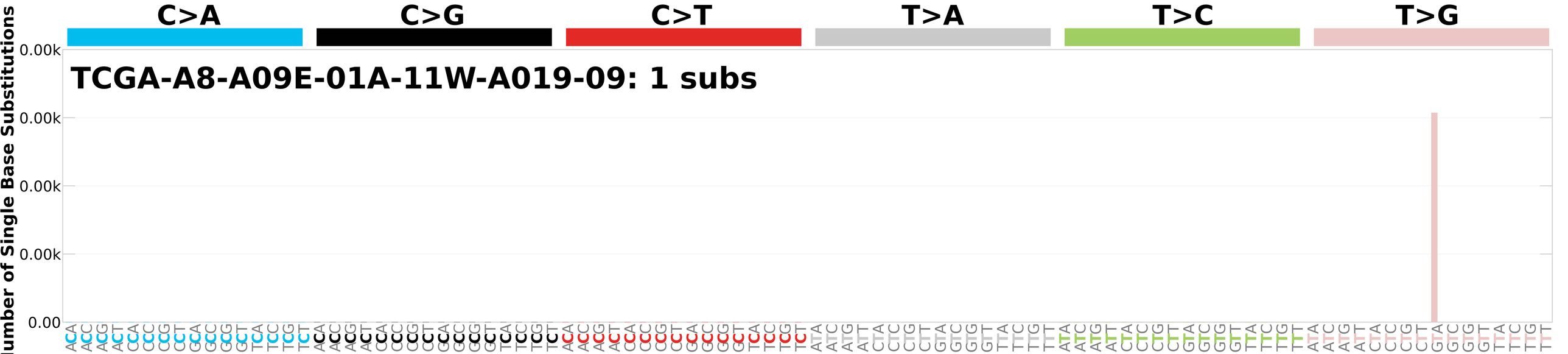
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TCGA-A8-A09E-01A-11W-A019-09: 1 subs
Number of Single Base Substitutions
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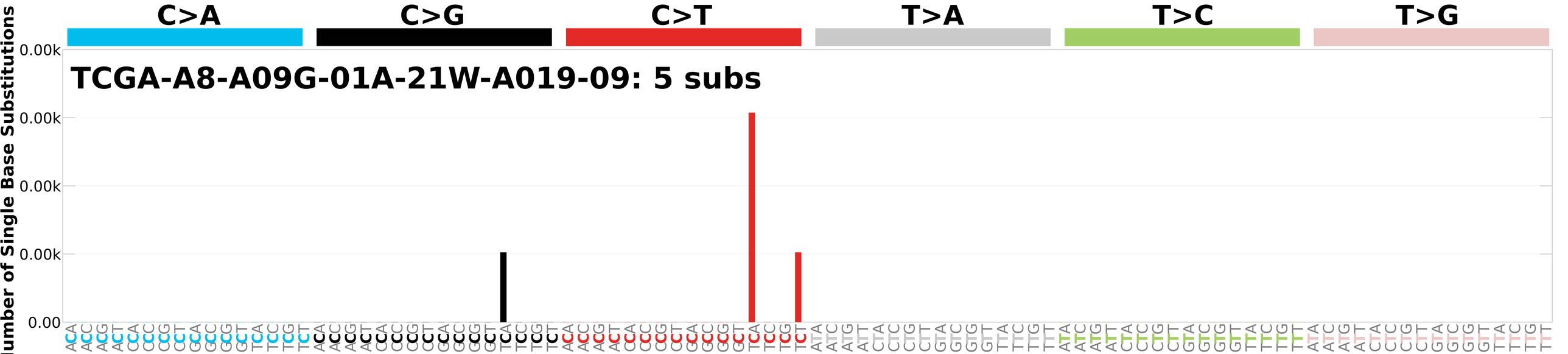
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TCGA-A8-A09G-01A-21W-A019-09: 5 subs
Number of Single Base Substitutions
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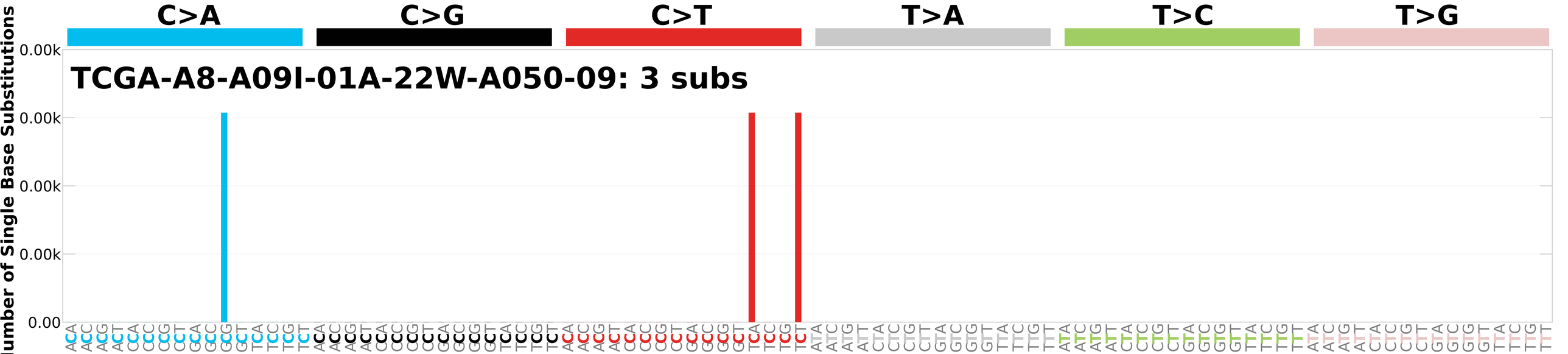
C>A
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TCGA-A8-A09I-01A-22W-A050-09: 3 subs
Number of Single Base Substitutions
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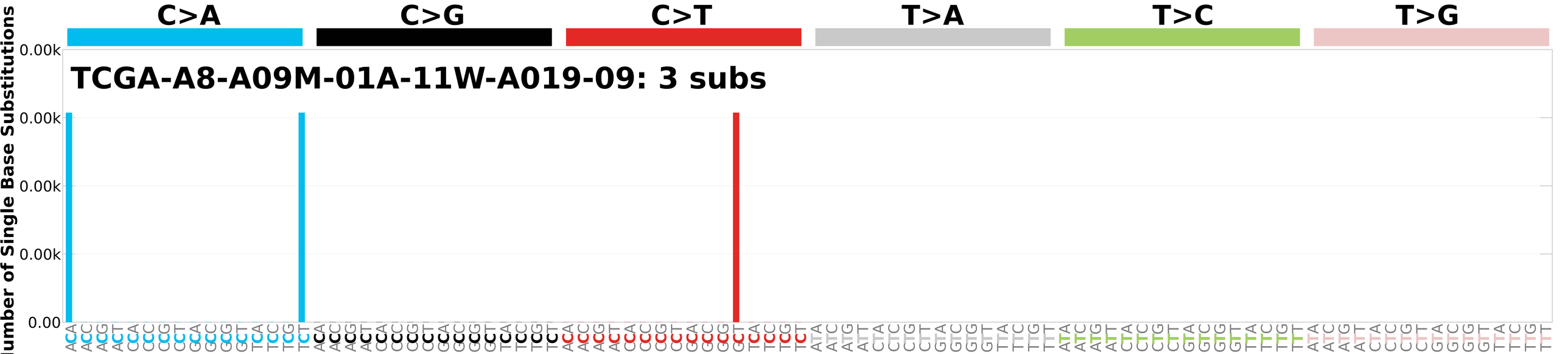
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TCGA-A8-A09M-01A-11W-A019-09: 3 subs
Number of Single Base Substitutions
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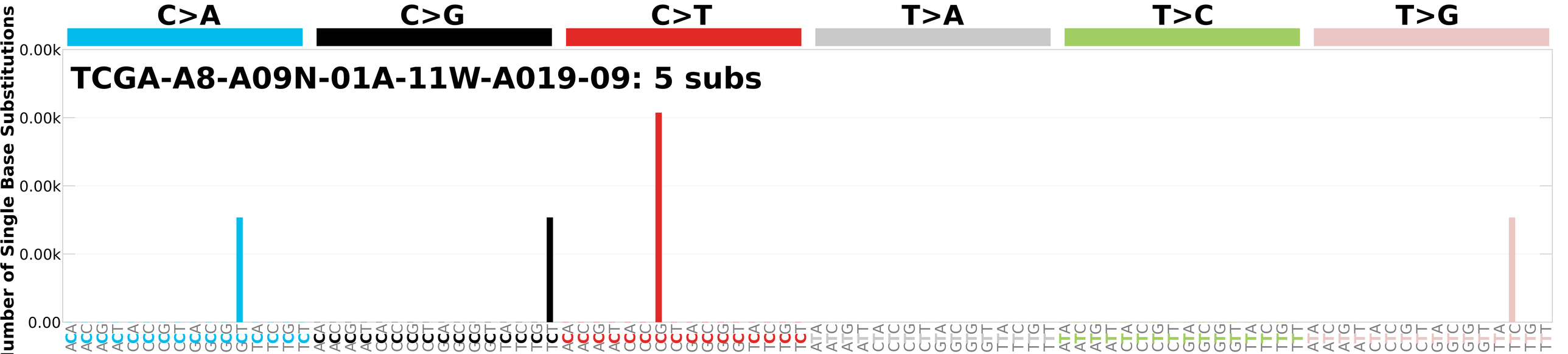
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T>G
TCGA-A8-A09N-01A-11W-A019-09: 5 subs
Number of Single Base Substitutions
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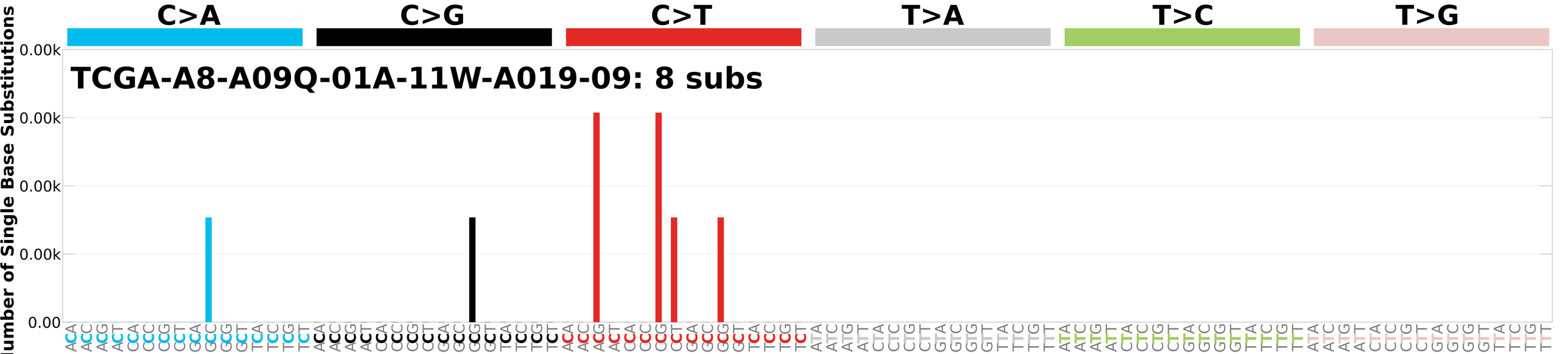
C>A
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TCGA-A8-A09Q-01A-11W-A019-09: 8 subs
Number of Single Base Substitutions
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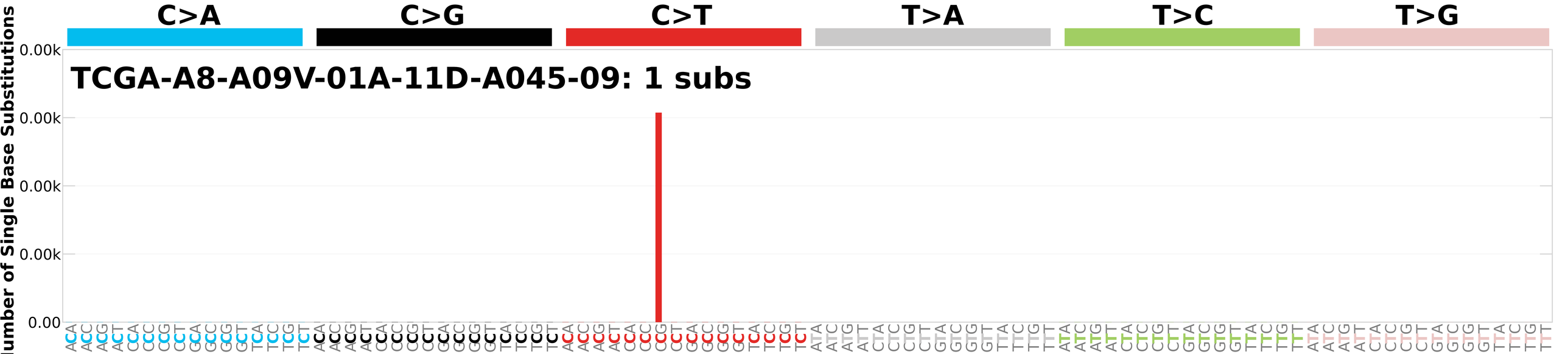
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TCGA-A8-A09V-01A-11D-A045-09: 1 subs
Number of Single Base Substitutions
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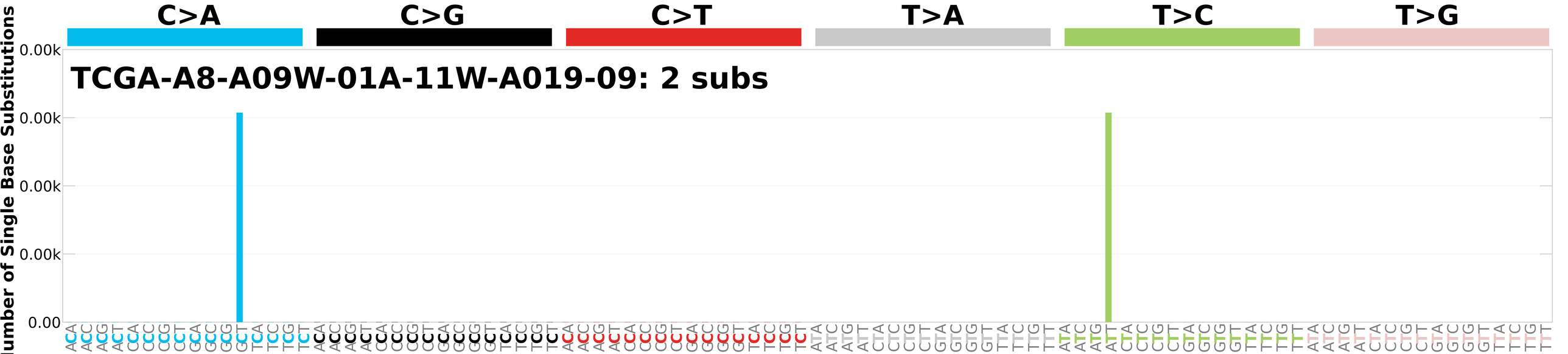
C>A
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T>C
T>G
TCGA-A8-A09W-01A-11W-A019-09: 2 subs
Number of Single Base Substitutions
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0.00k
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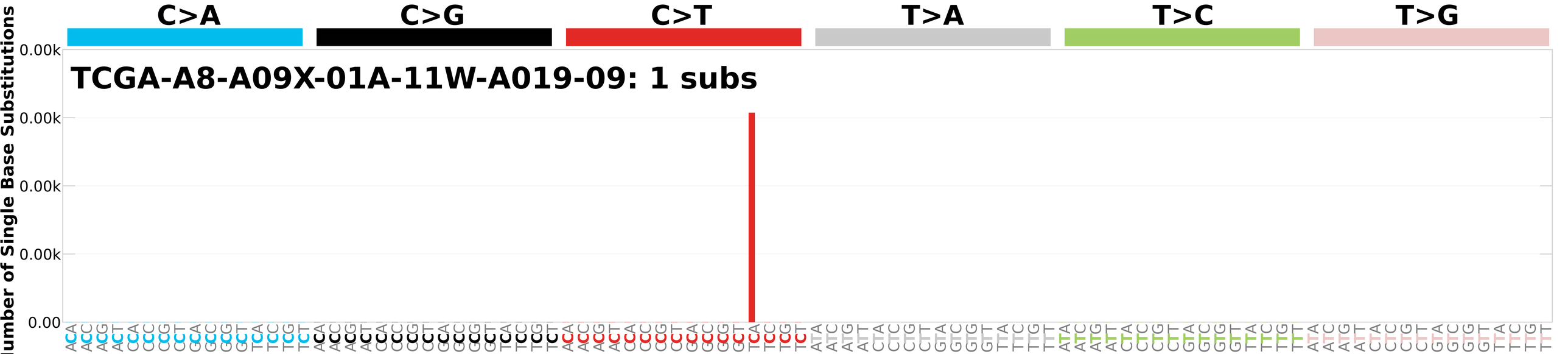
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T>G
TCGA-A8-A09X-01A-11W-A019-09: 1 subs
Number of Single Base Substitutions
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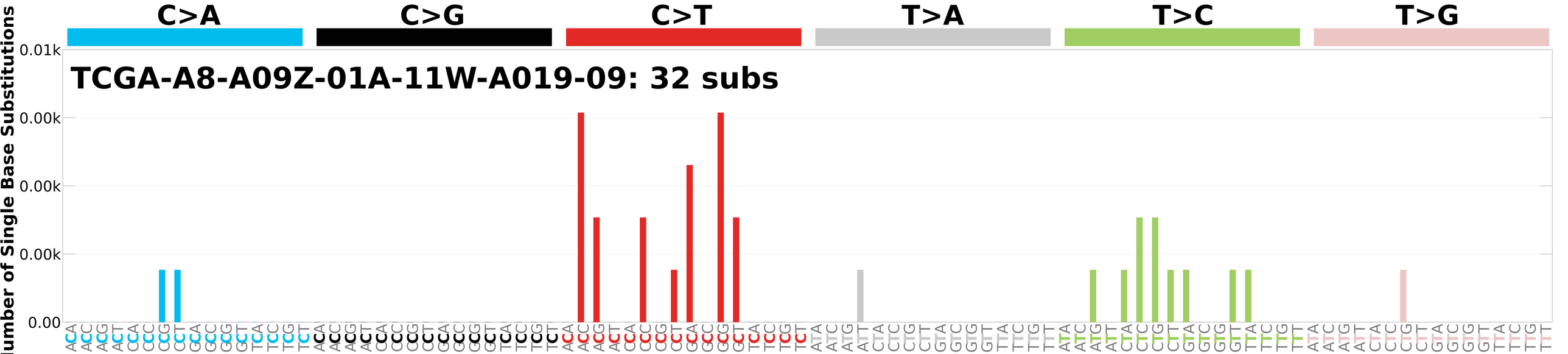
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TCGA-A8-A09Z-01A-11W-A019-09: 32 subs
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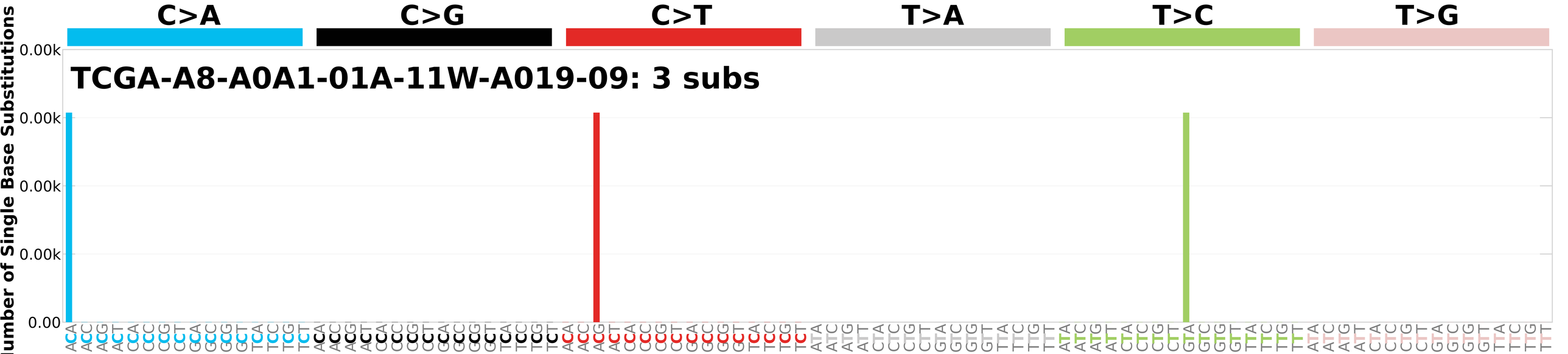
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TCGA-A8-A0A1-01A-11W-A019-09: 3 subs
Number of Single Base Substitutions
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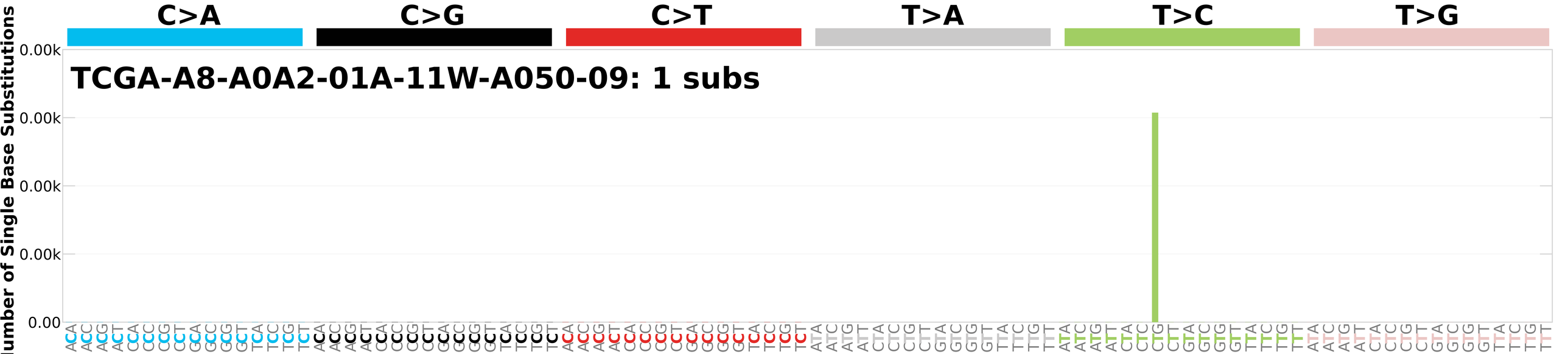
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TCGA-A8-A0A2-01A-11W-A050-09: 1 subs
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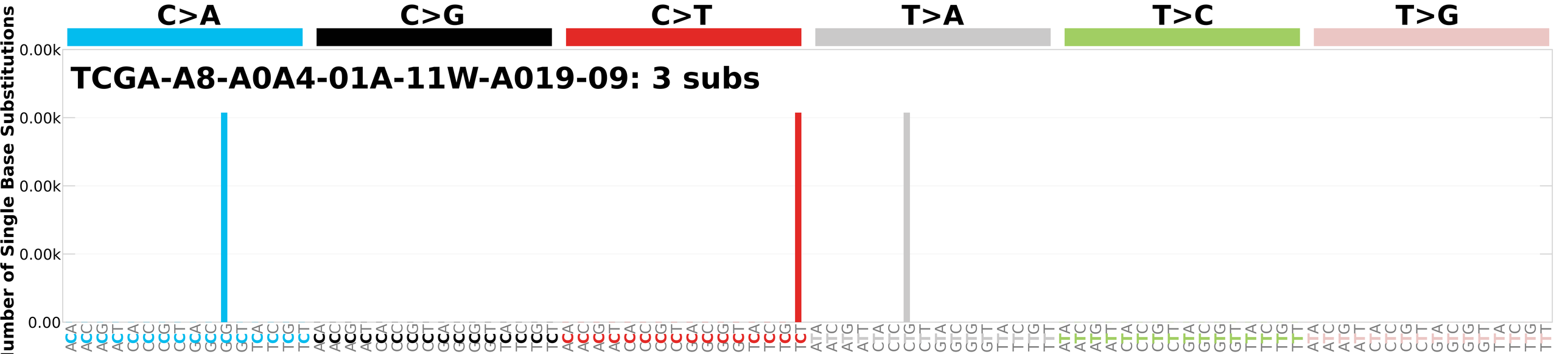
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T>G
TCGA-A8-A0A4-01A-11W-A019-09: 3 subs
Number of Single Base Substitutions
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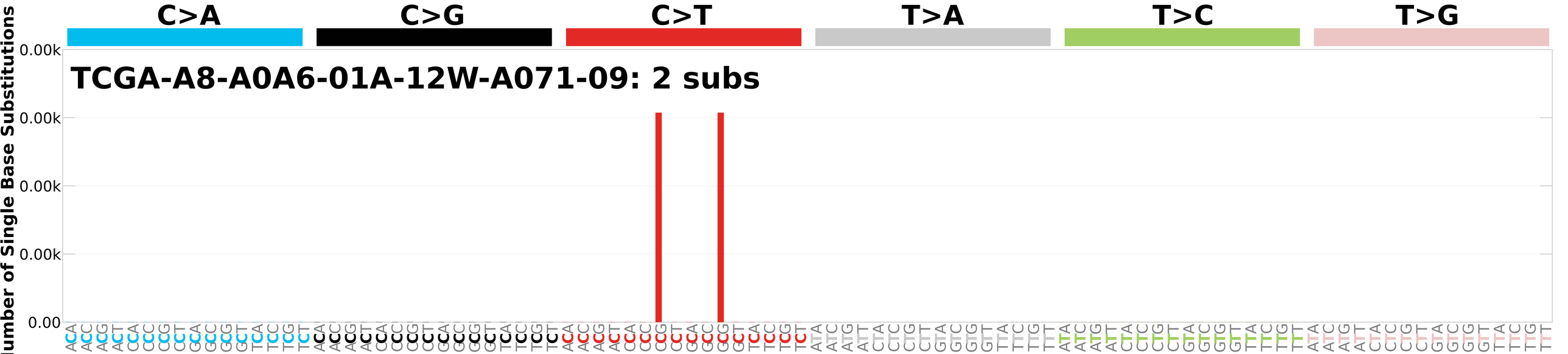
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T>G
TCGA-A8-A0A6-01A-12W-A071-09: 2 subs
Number of Single Base Substitutions
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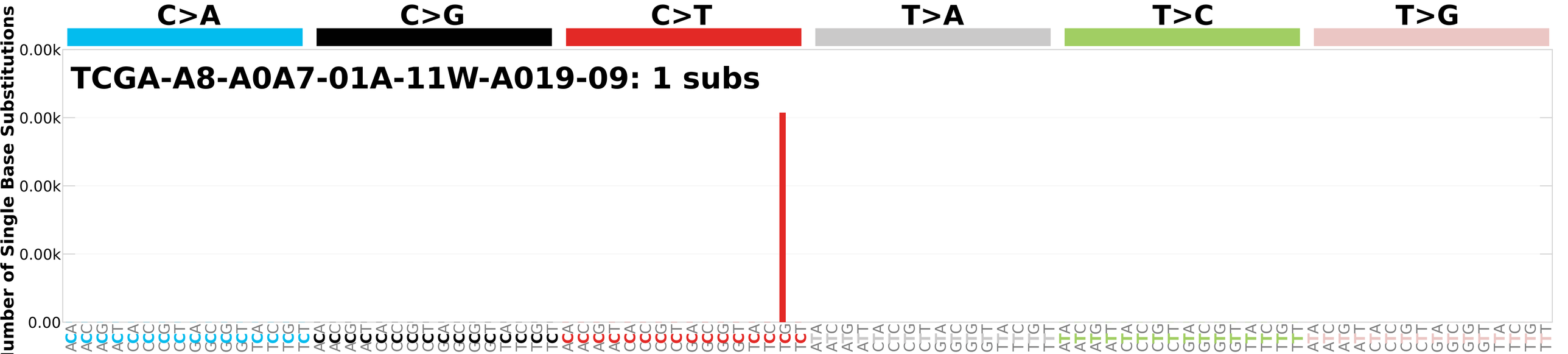
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T>C
T>G
TCGA-A8-A0A7-01A-11W-A019-09: 1 subs
Number of Single Base Substitutions
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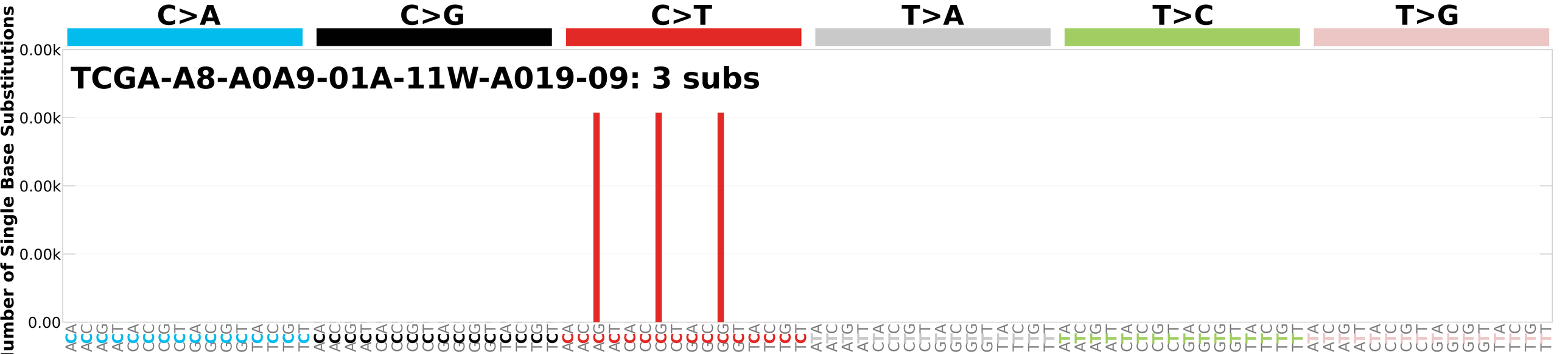
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C>G
C>T
T>A
T>C
T>G
TCGA-A8-A0A9-01A-11W-A019-09: 3 subs
Number of Single Base Substitutions
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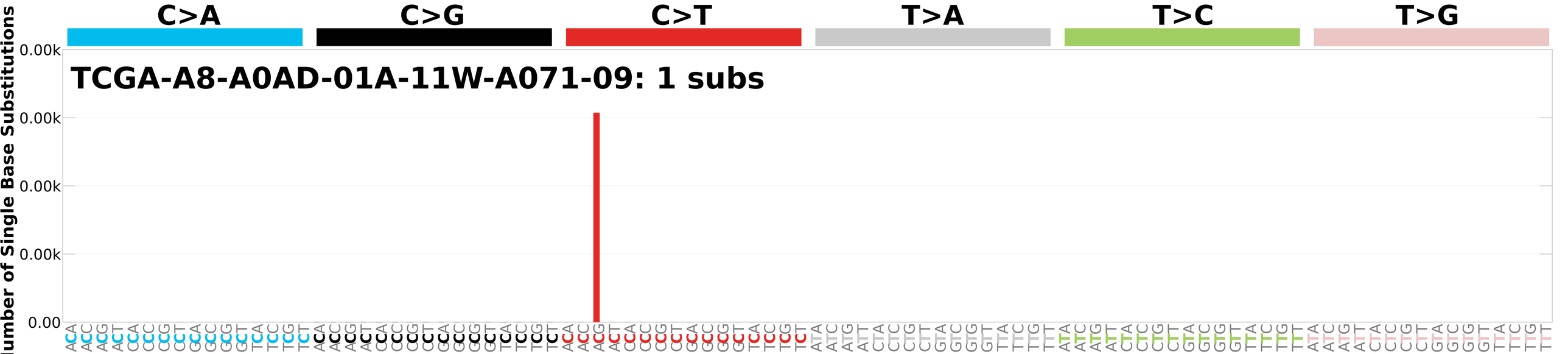
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T>G
TCGA-A8-A0AD-01A-11W-A071-09: 1 subs
Number of Single Base Substitutions
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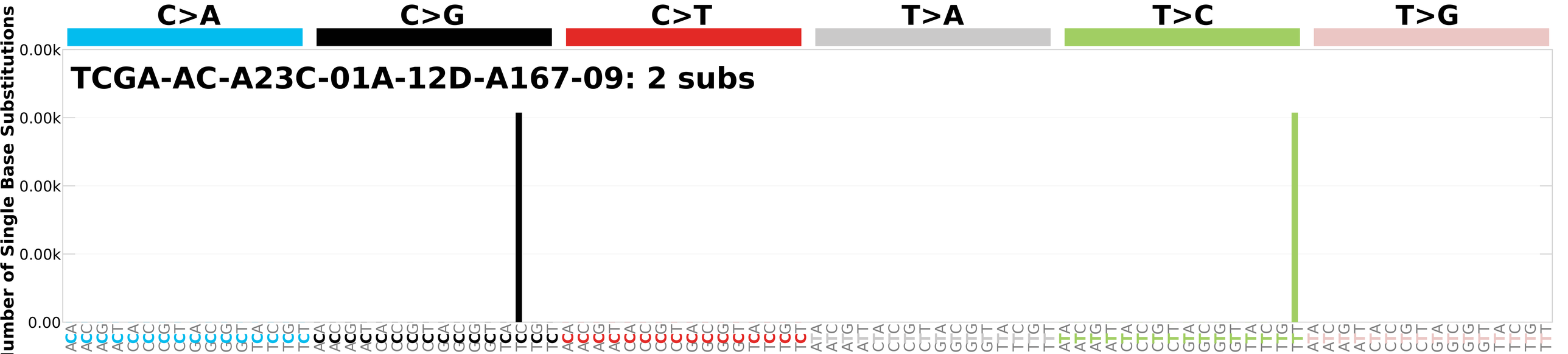
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T>G
TCGA-AC-A23C-01A-12D-A167-09: 2 subs
Number of Single Base Substitutions
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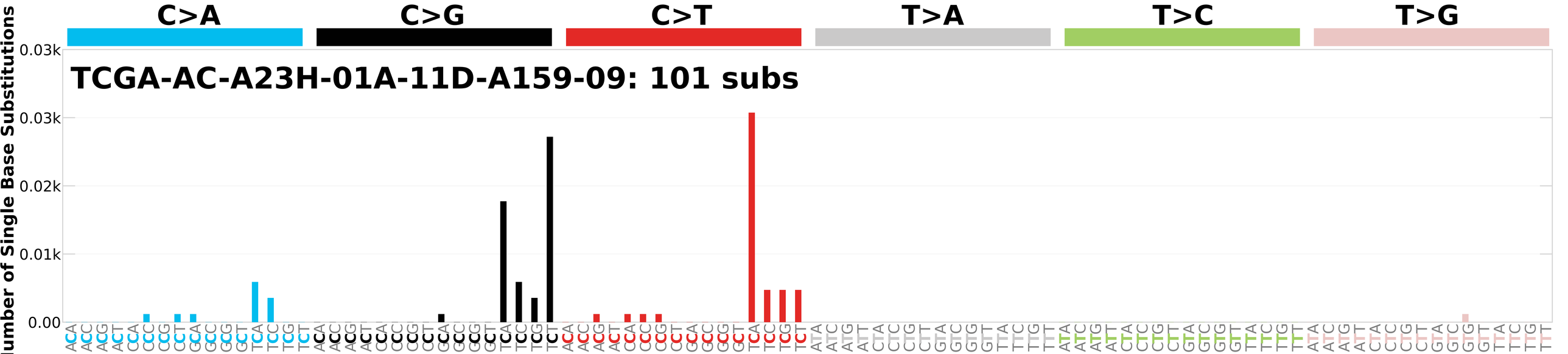
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C>G
C>T
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T>G
TCGA-AC-A23H-01A-11D-A159-09: 101 subs
Number of Single Base Substitutions
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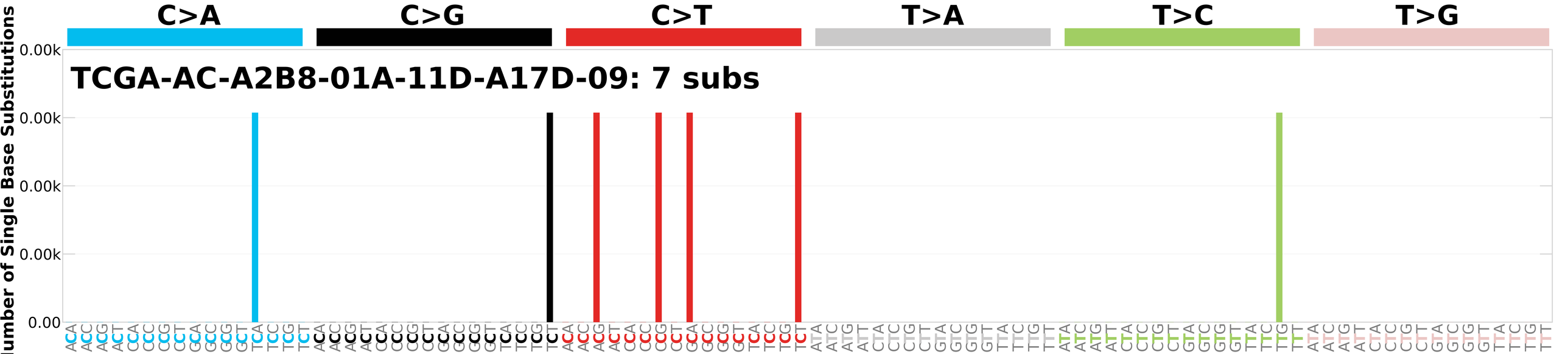
0.03k
0.02k
0.01k
0.00


C>A
C>G
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T>G
TCGA-AC-A2B8-01A-11D-A17D-09: 7 subs
Number of Single Base Substitutions
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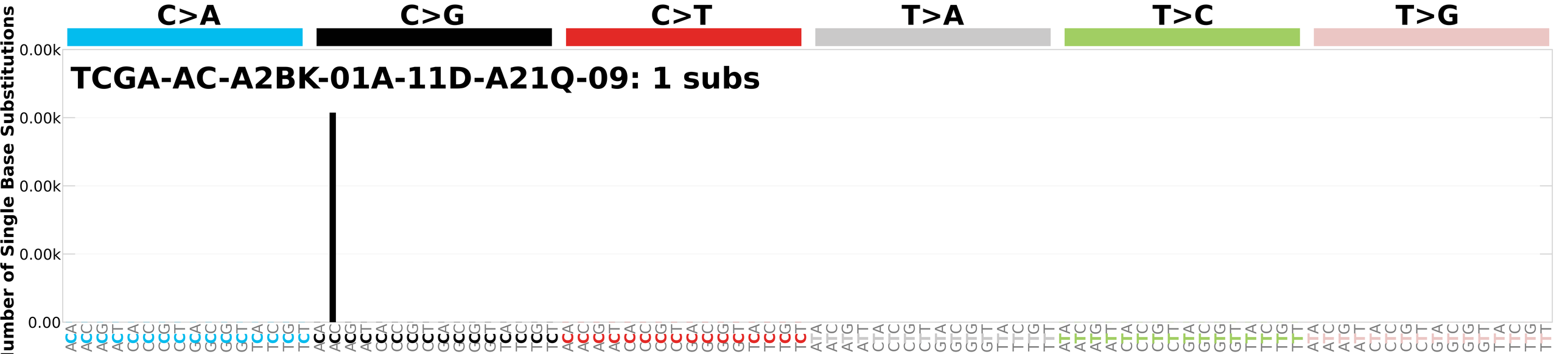
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T>G
TCGA-AC-A2BK-01A-11D-A21Q-09: 1 subs
Number of Single Base Substitutions
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0.00k
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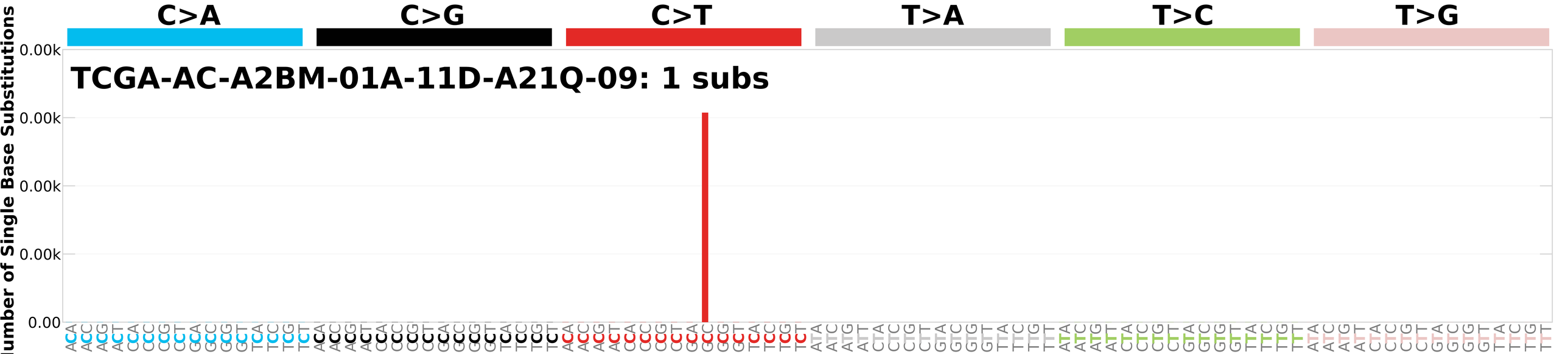
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T>G
TCGA-AC-A2BM-01A-11D-A21Q-09: 1 subs
Number of Single Base Substitutions
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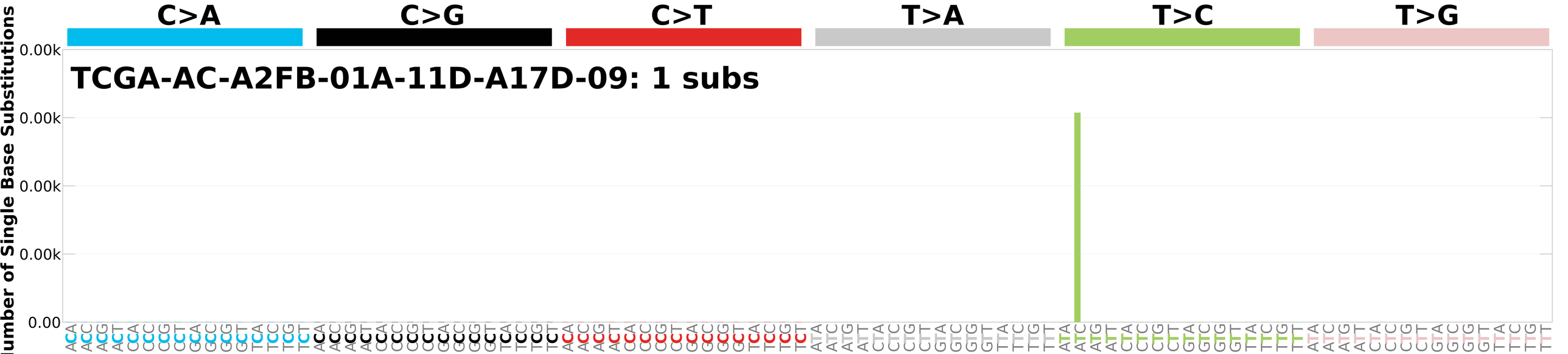
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T>C
T>G
TCGA-AC-A2FB-01A-11D-A17D-09: 1 subs
Number of Single Base Substitutions
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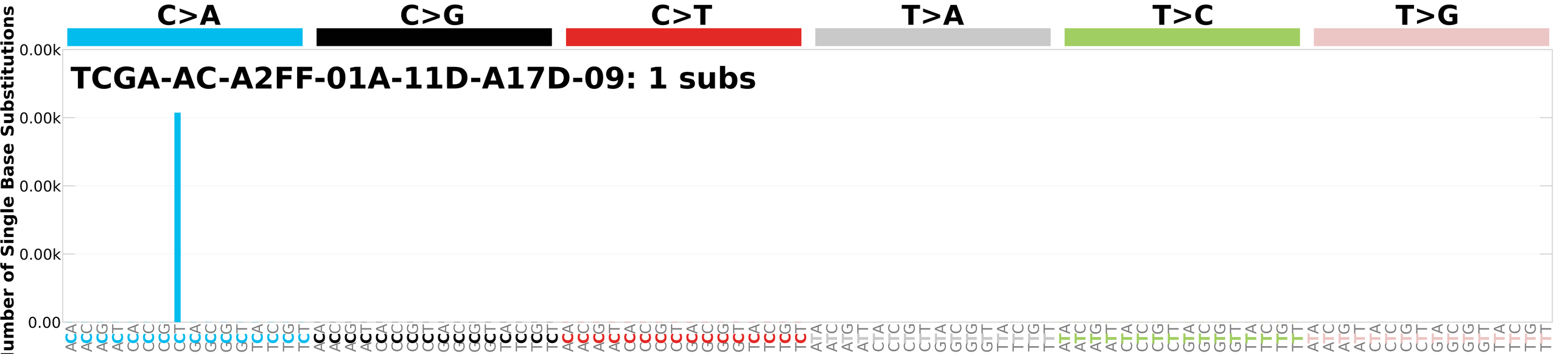
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T>G
TCGA-AC-A2FF-01A-11D-A17D-09: 1 subs
Number of Single Base Substitutions
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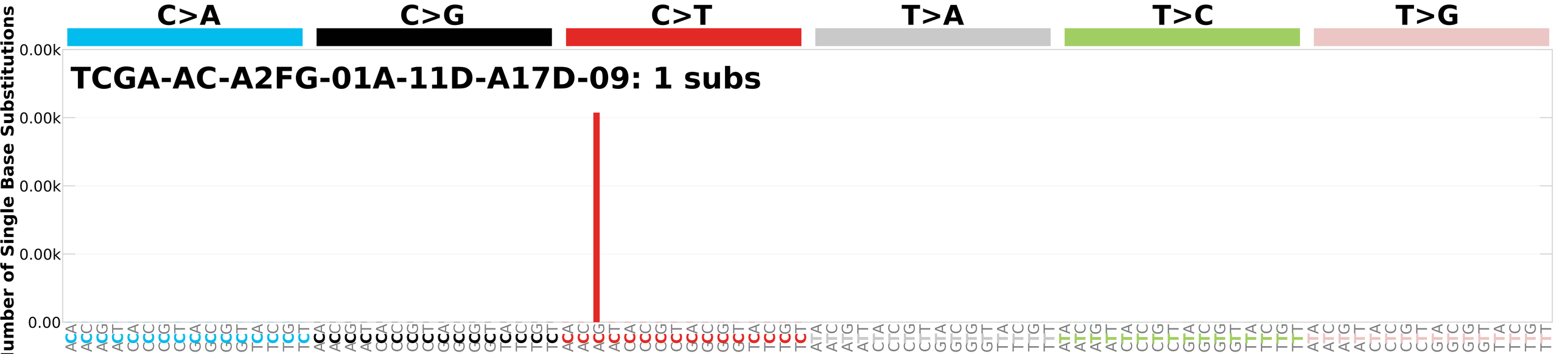
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TCGA-AC-A2FG-01A-11D-A17D-09: 1 subs
Number of Single Base Substitutions
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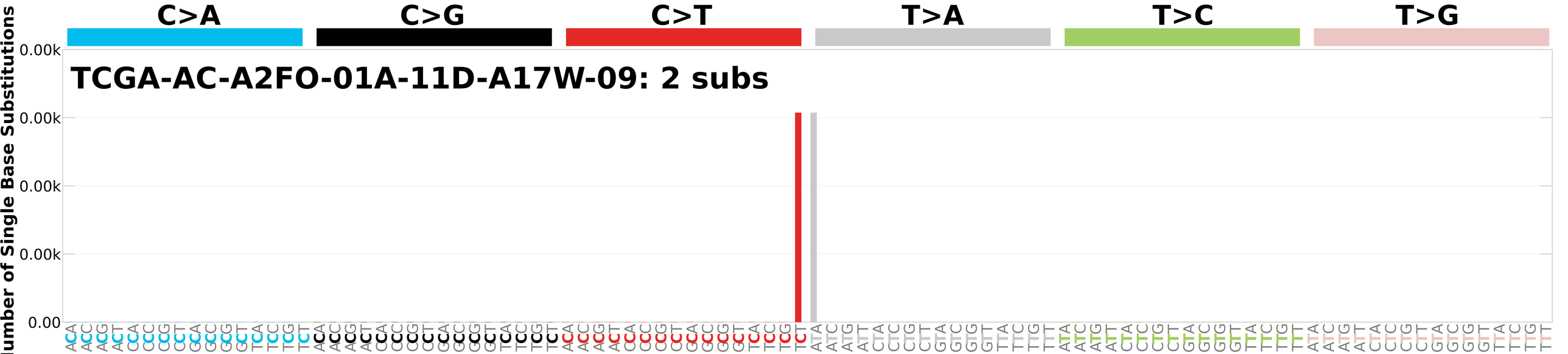
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T>G
TCGA-AC-A2FO-01A-11D-A17W-09: 2 subs
Number of Single Base Substitutions
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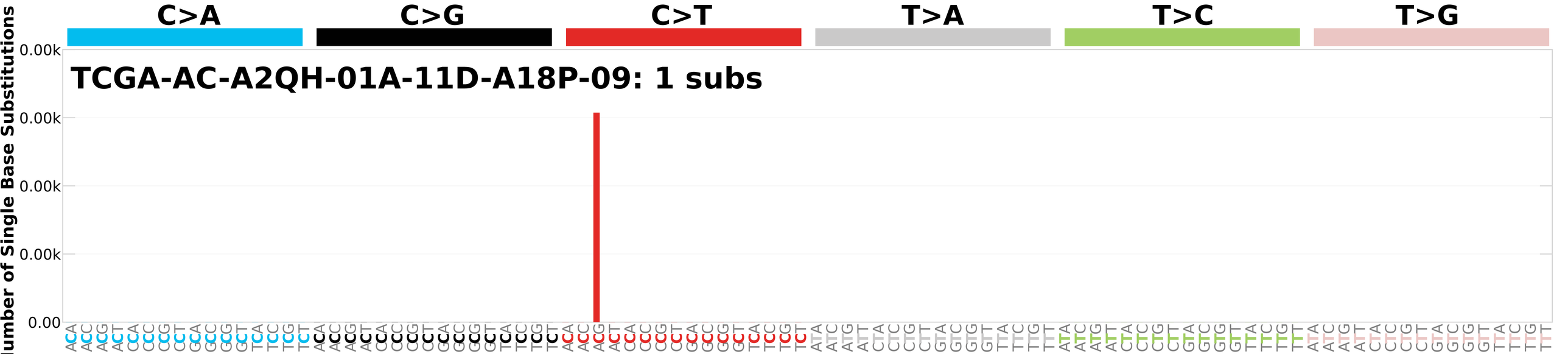
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T>G
TCGA-AC-A2QH-01A-11D-A18P-09: 1 subs
Number of Single Base Substitutions
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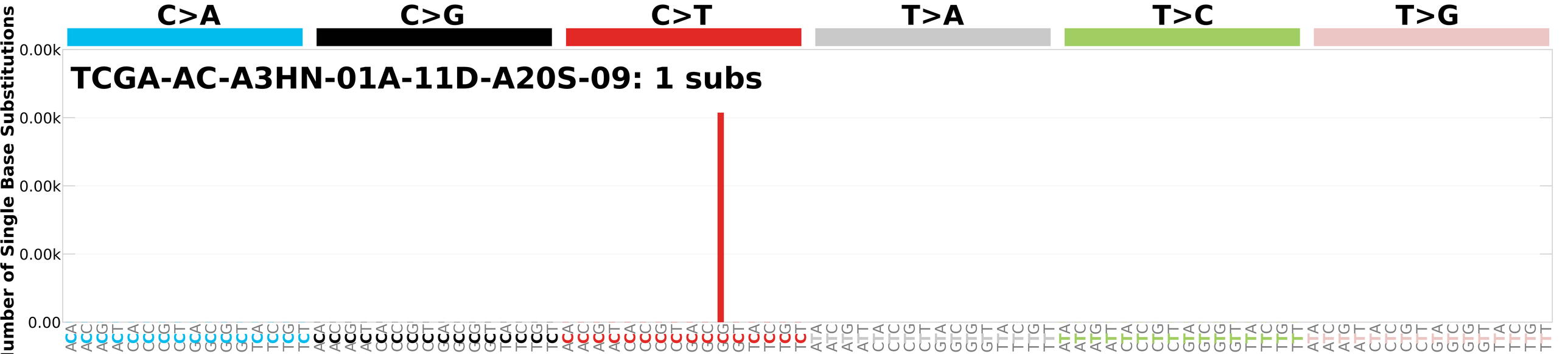
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TCGA-AC-A3HN-01A-11D-A20S-09: 1 subs
Number of Single Base Substitutions
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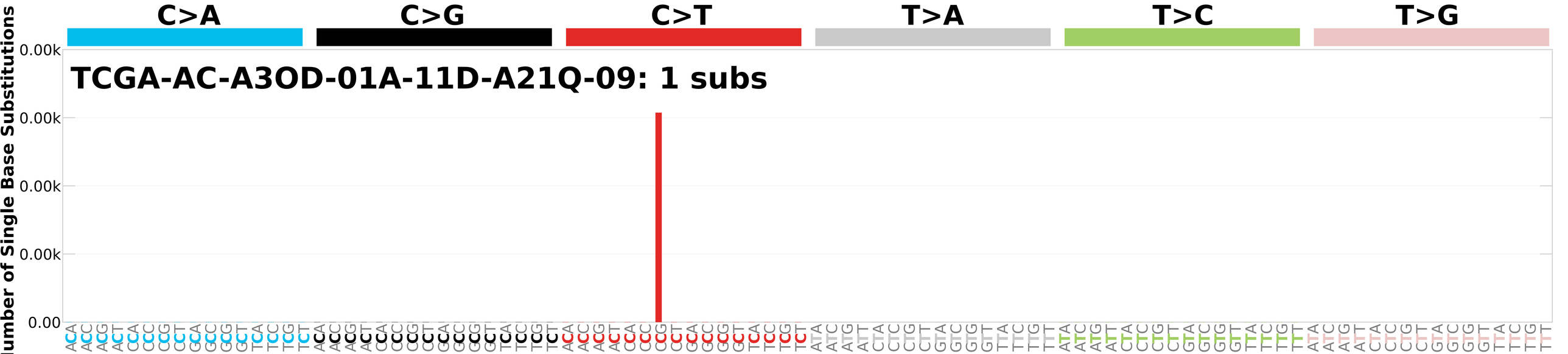
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C>G
C>T
T>A
T>C
T>G
TCGA-AC-A3OD-01A-11D-A21Q-09: 1 subs
Number of Single Base Substitutions
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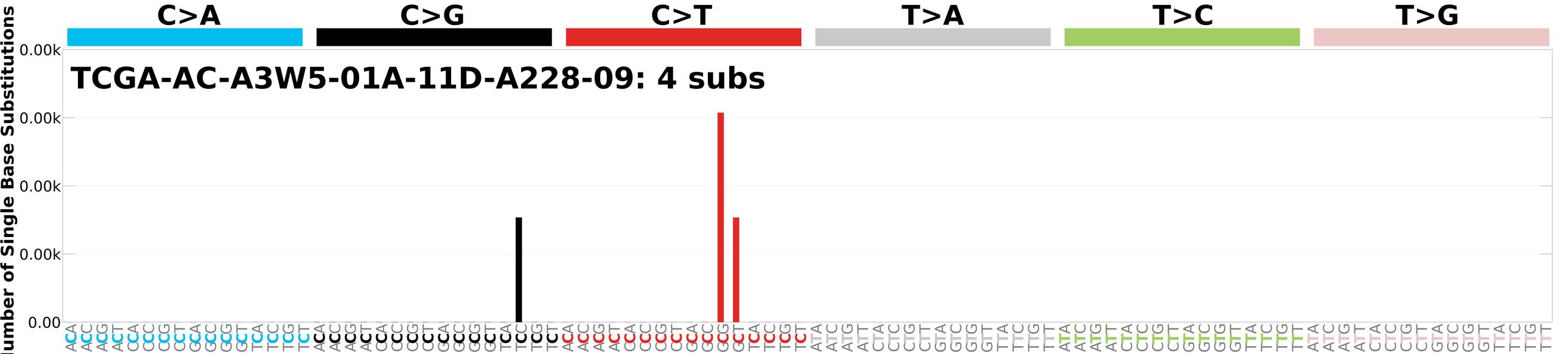
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T>G
TCGA-AC-A3W5-01A-11D-A228-09: 4 subs
Number of Single Base Substitutions
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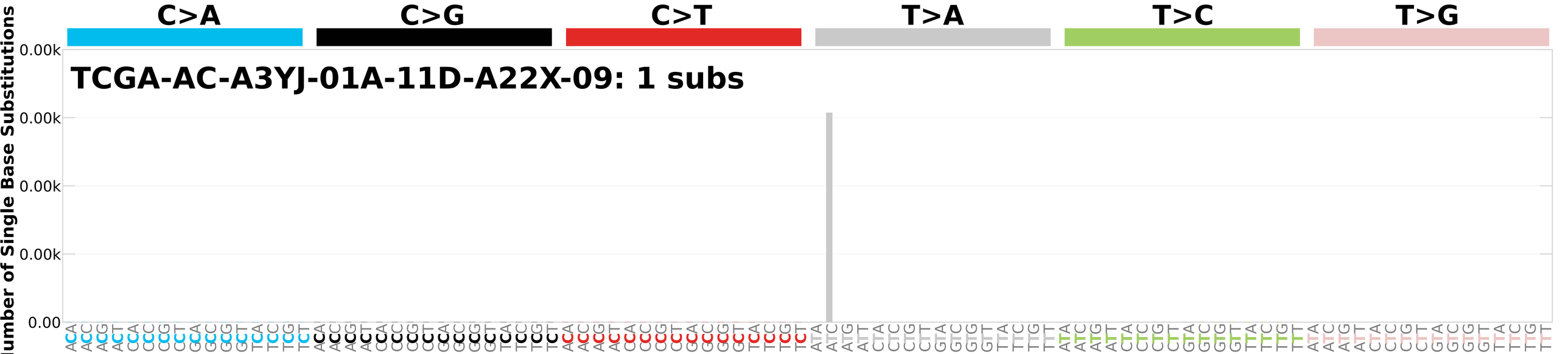
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T>G
TCGA-AC-A3YJ-01A-11D-A22X-09: 1 subs
Number of Single Base Substitutions
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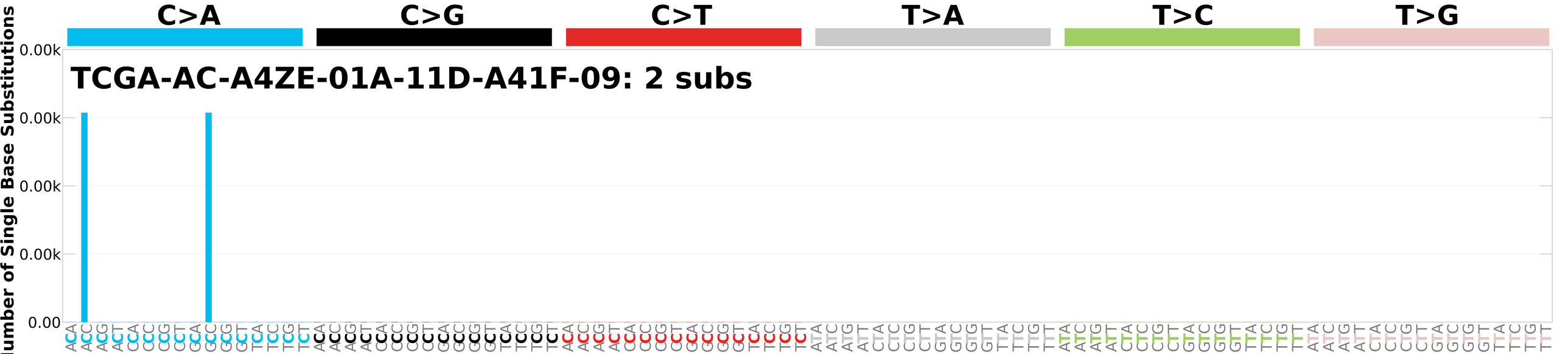
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C>G
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T>C
T>G
TCGA-AC-A4ZE-01A-11D-A41F-09: 2 subs
Number of Single Base Substitutions
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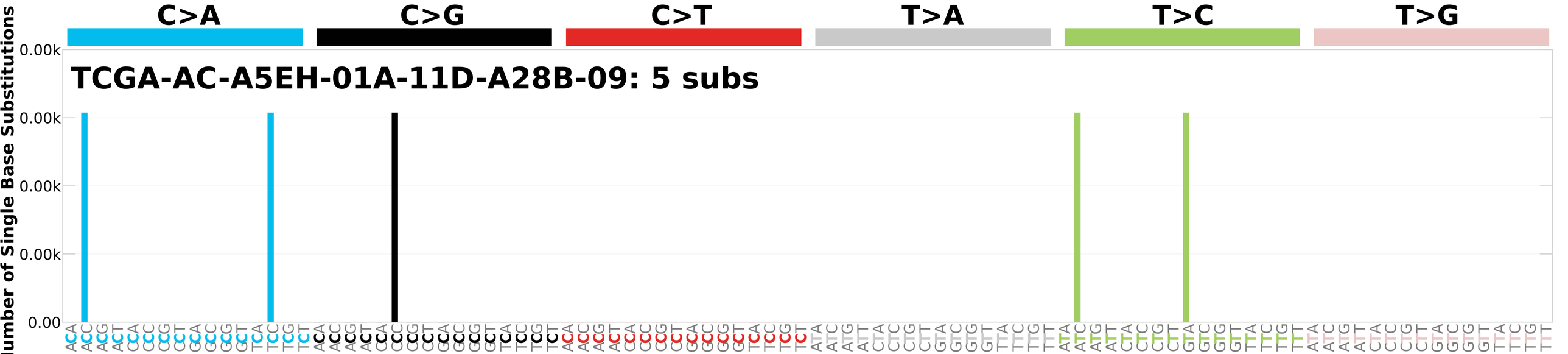
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T>G
TCGA-AC-A5EH-01A-11D-A28B-09: 5 subs
Number of Single Base Substitutions
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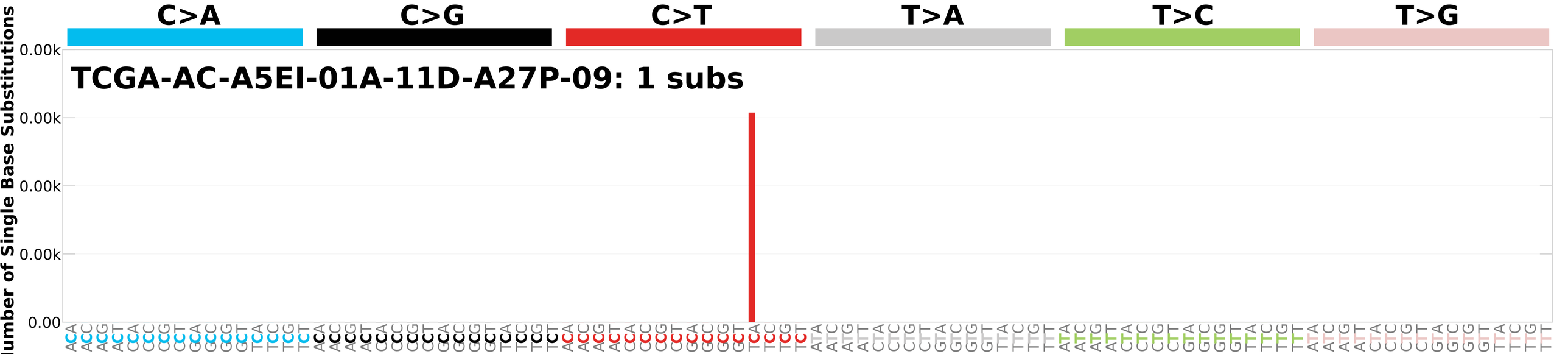
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TCGA-AC-A5EI-01A-11D-A27P-09: 1 subs
Number of Single Base Substitutions
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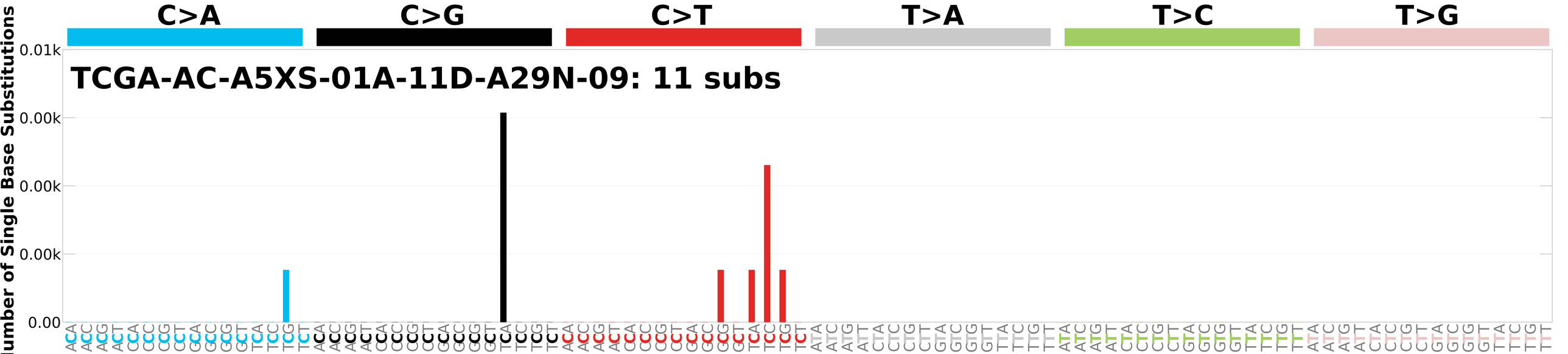
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TCGA-AC-A5XS-01A-11D-A29N-09: 11 subs
Number of Single Base Substitutions
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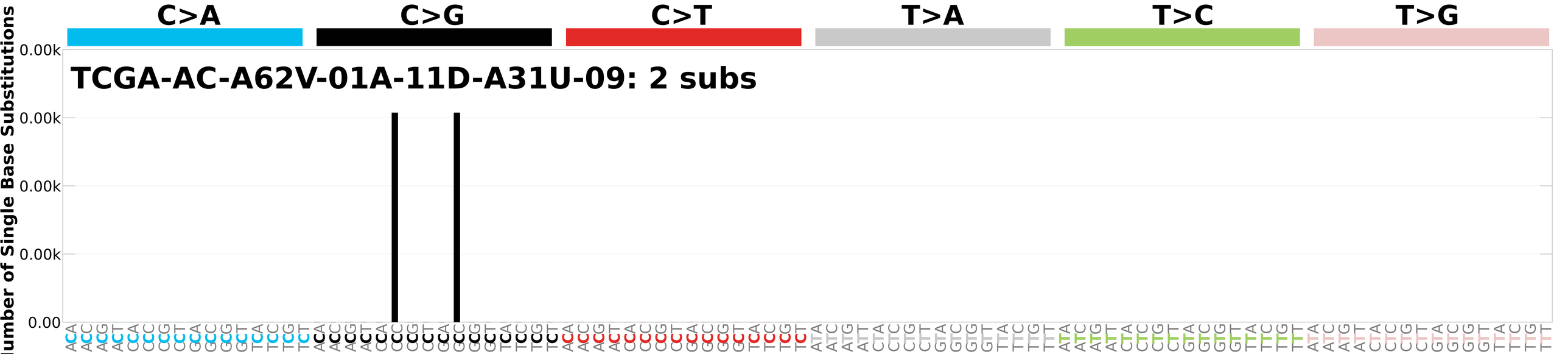
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TCGA-AC-A62V-01A-11D-A31U-09: 2 subs
Number of Single Base Substitutions
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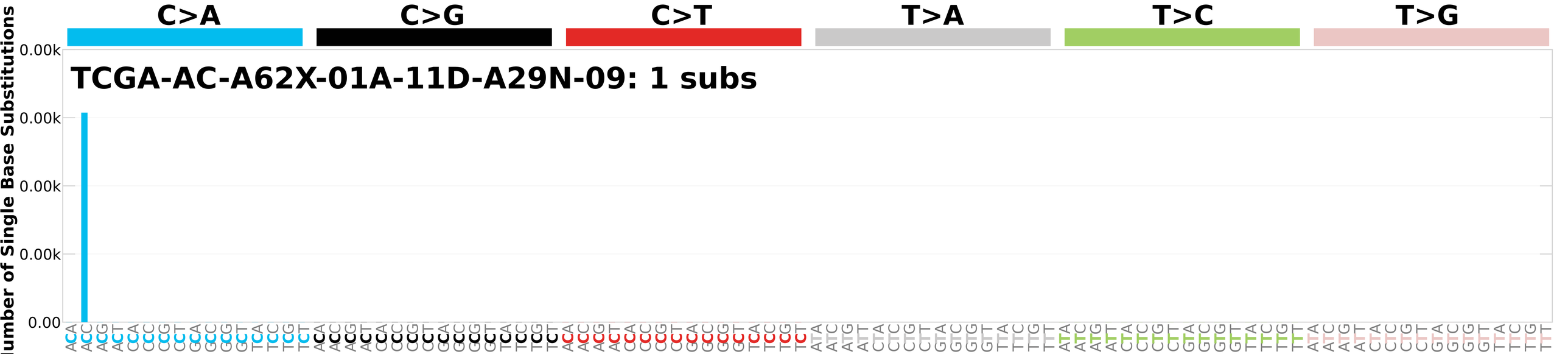
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TCGA-AC-A62X-01A-11D-A29N-09: 1 subs
Number of Single Base Substitutions
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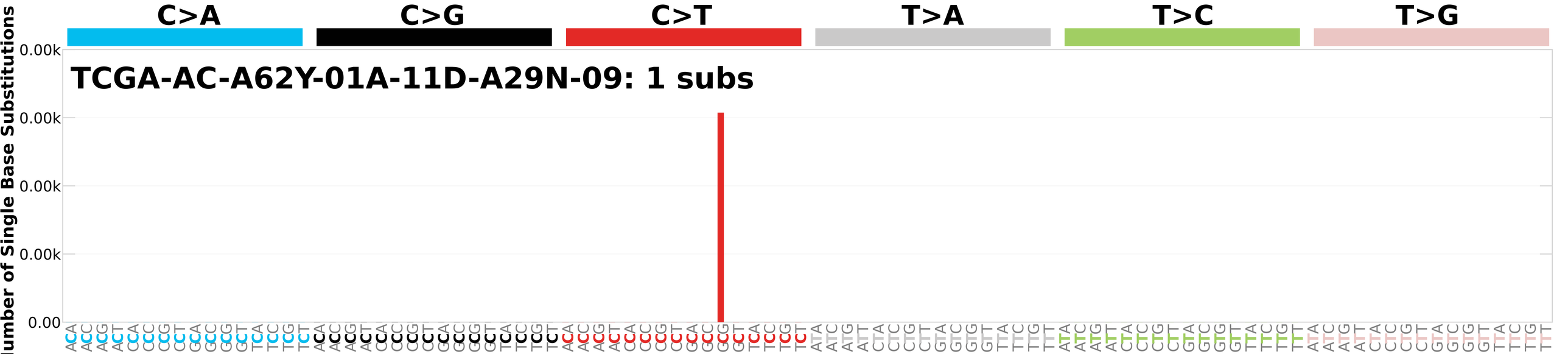
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T>G
TCGA-AC-A62Y-01A-11D-A29N-09: 1 subs
Number of Single Base Substitutions
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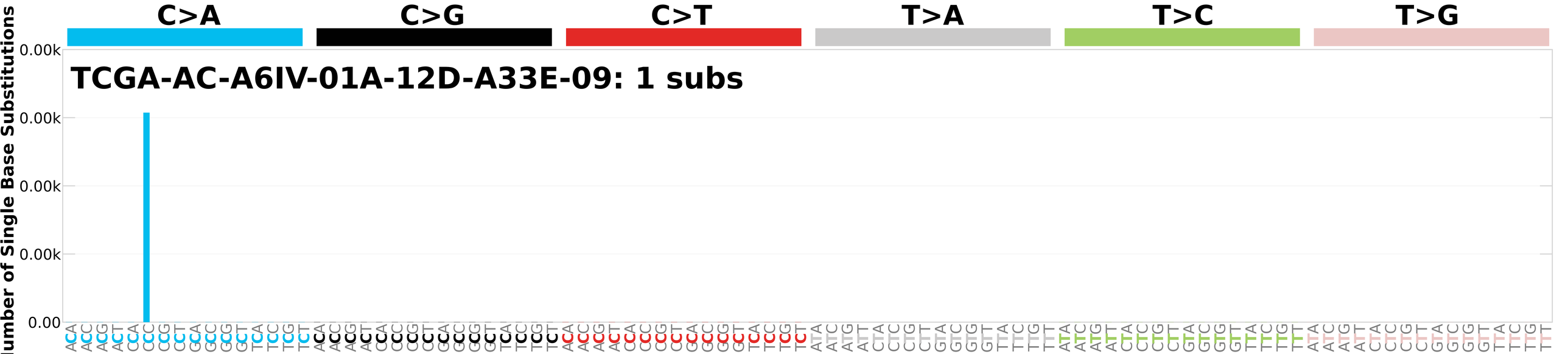
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C>T
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T>C
T>G
TCGA-AC-A6IV-01A-12D-A33E-09: 1 subs
Number of Single Base Substitutions
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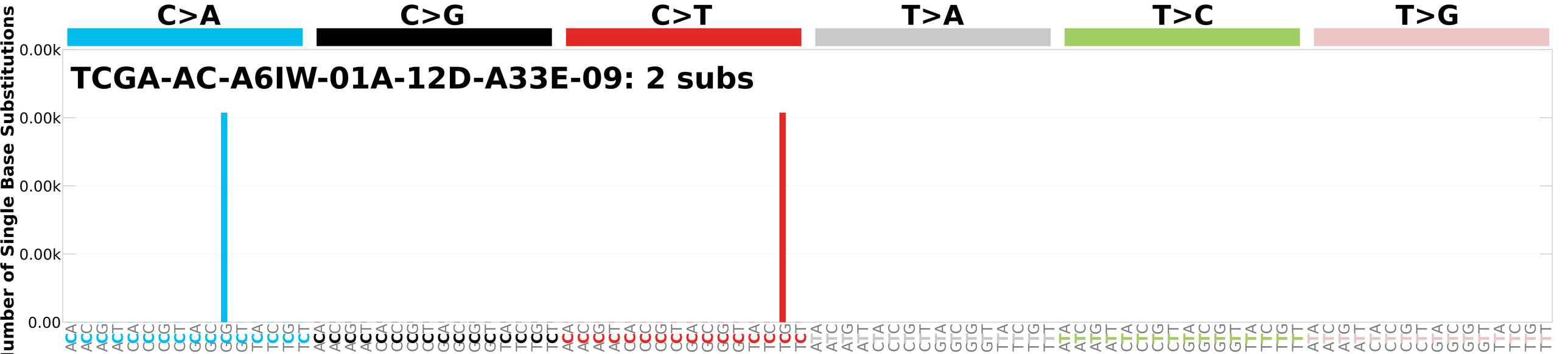
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T>G
TCGA-AC-A6IW-01A-12D-A33E-09: 2 subs
Number of Single Base Substitutions
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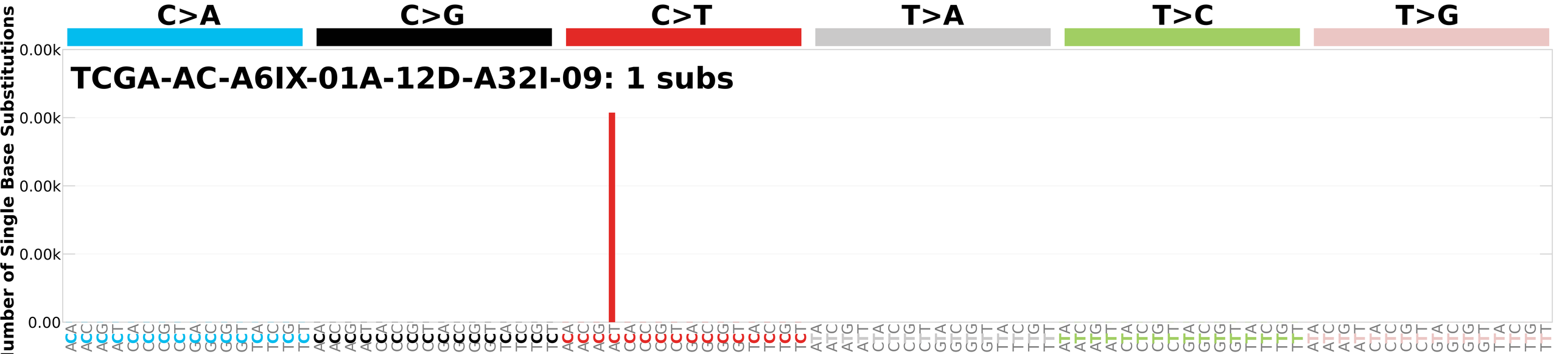
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T>G
TCGA-AC-A6IX-01A-12D-A32I-09: 1 subs
Number of Single Base Substitutions
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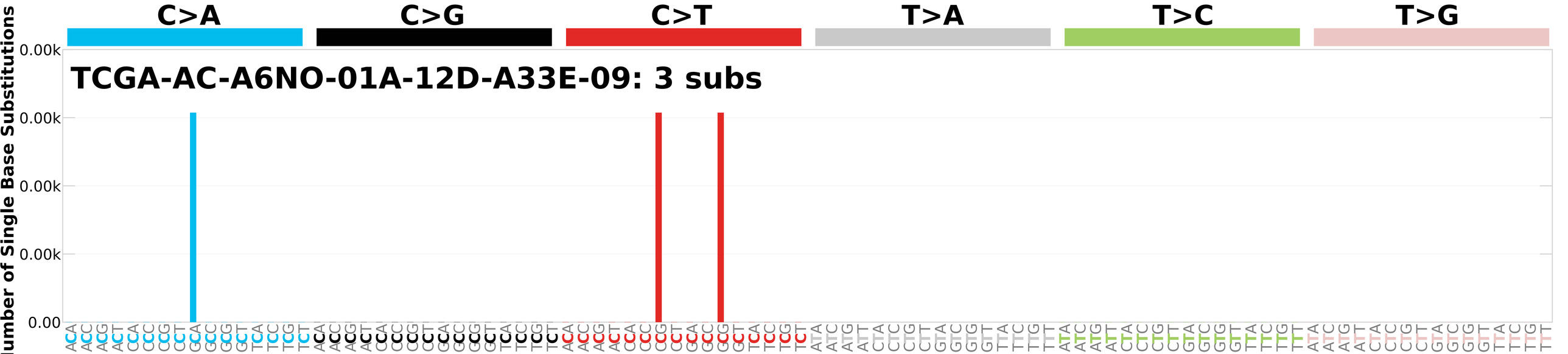
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T>C
T>G
TCGA-AC-A6NO-01A-12D-A33E-09: 3 subs
Number of Single Base Substitutions
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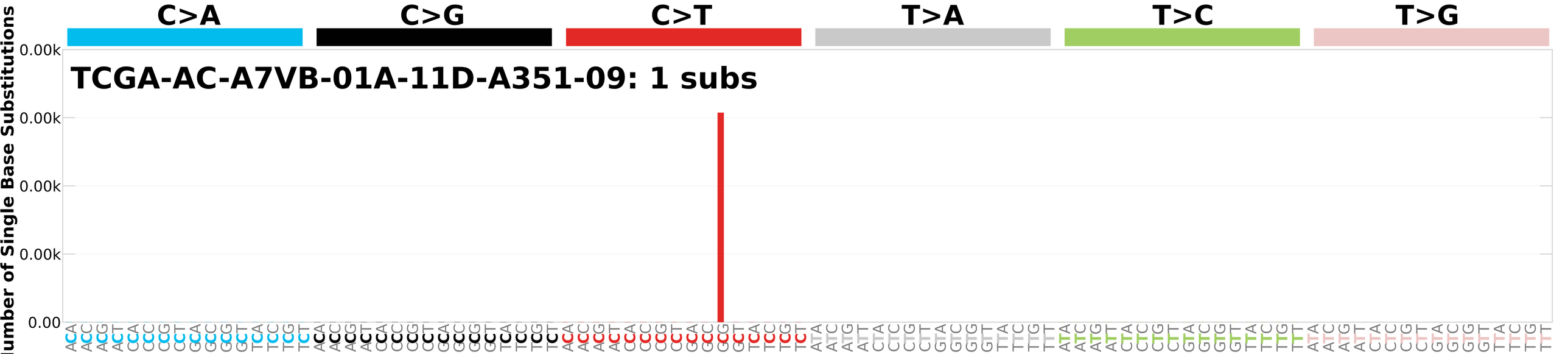
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TCGA-AC-A7VB-01A-11D-A351-09: 1 subs
Number of Single Base Substitutions
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0.00k
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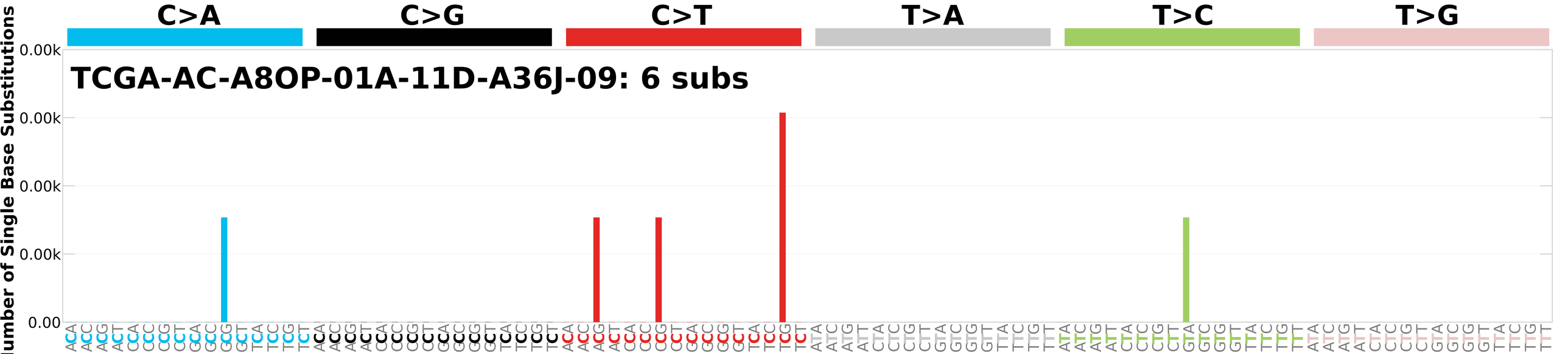
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T>C
T>G
TCGA-AC-A8OP-01A-11D-A36J-09: 6 subs
Number of Single Base Substitutions
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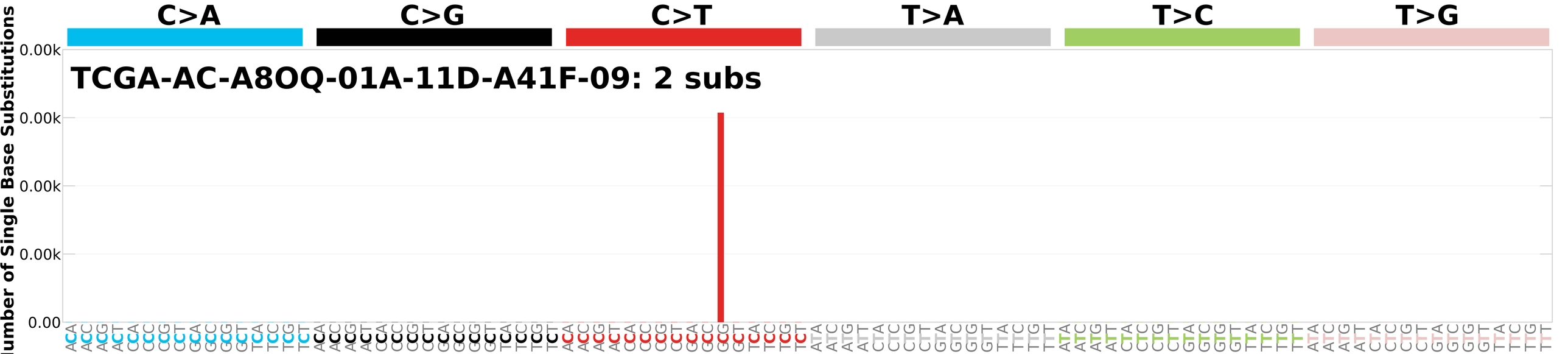
C>A
C>G
C>T
T>A
T>C
T>G
TCGA-AC-A8OQ-01A-11D-A41F-09: 2 subs
Number of Single Base Substitutions
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0.00k
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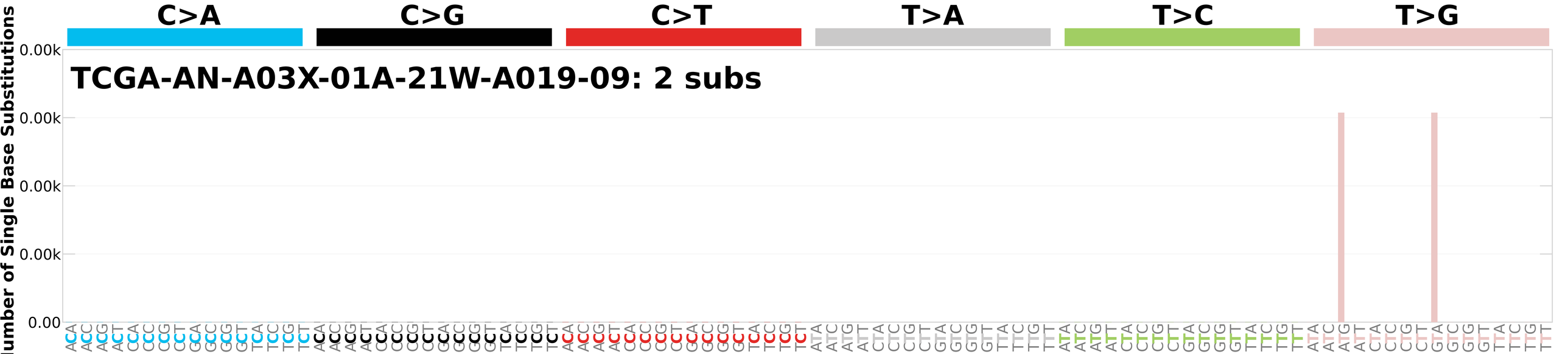
C>A
C>G
C>T
T>A
T>C
T>G
TCGA-AN-A03X-01A-21W-A019-09: 2 subs
Number of Single Base Substitutions
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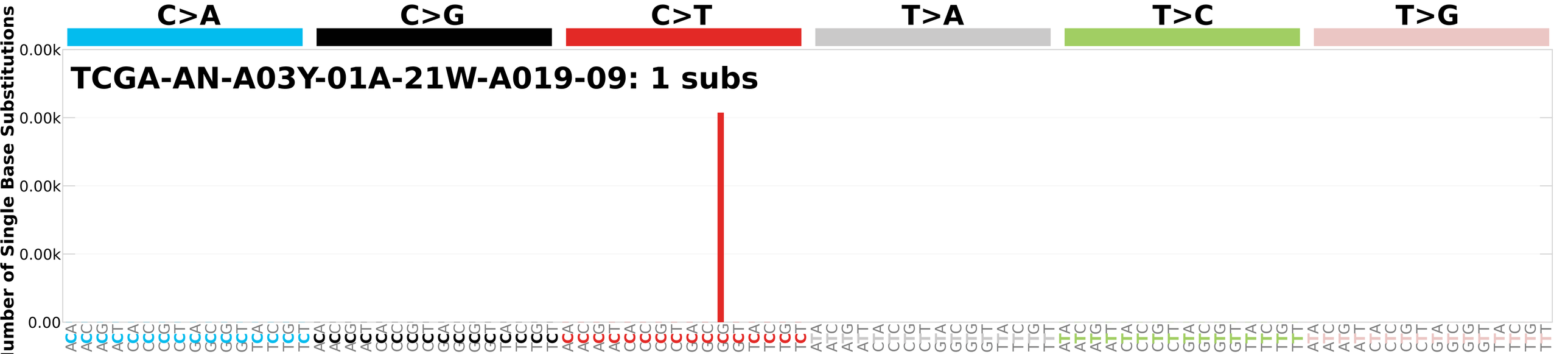
C>A
C>G
C>T
T>A
T>C
T>G
TCGA-AN-A03Y-01A-21W-A019-09: 1 subs
Number of Single Base Substitutions
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0.00k
0.00k
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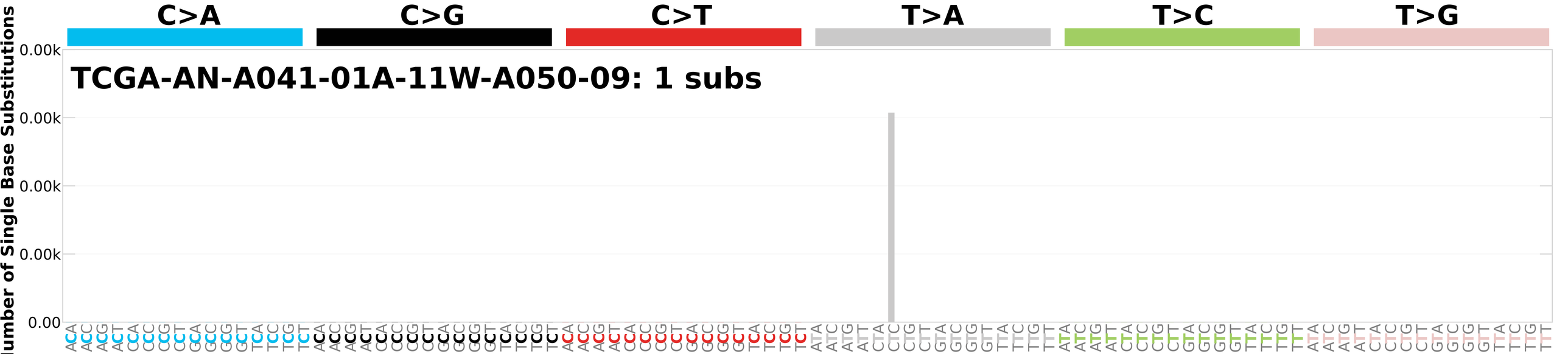
C>A
C>G
C>T
T>A
T>C
T>G
TCGA-AN-A041-01A-11W-A050-09: 1 subs
Number of Single Base Substitutions
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0.00k
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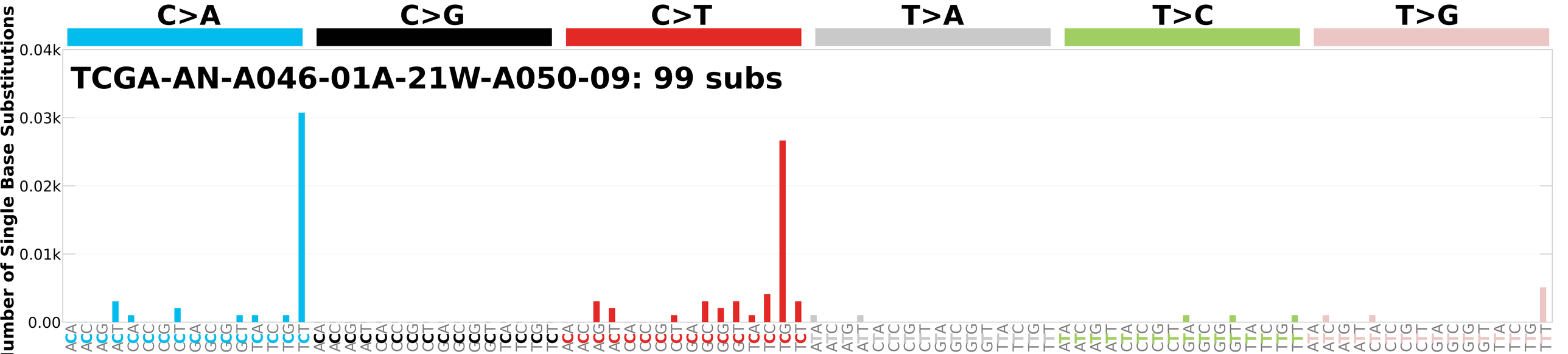
0.00k
0.00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C>G
C>T
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T>C
T>G
TCGA-AN-A046-01A-21W-A050-09: 99 subs
Number of Single Base Substitutions
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0.02k
0.01k
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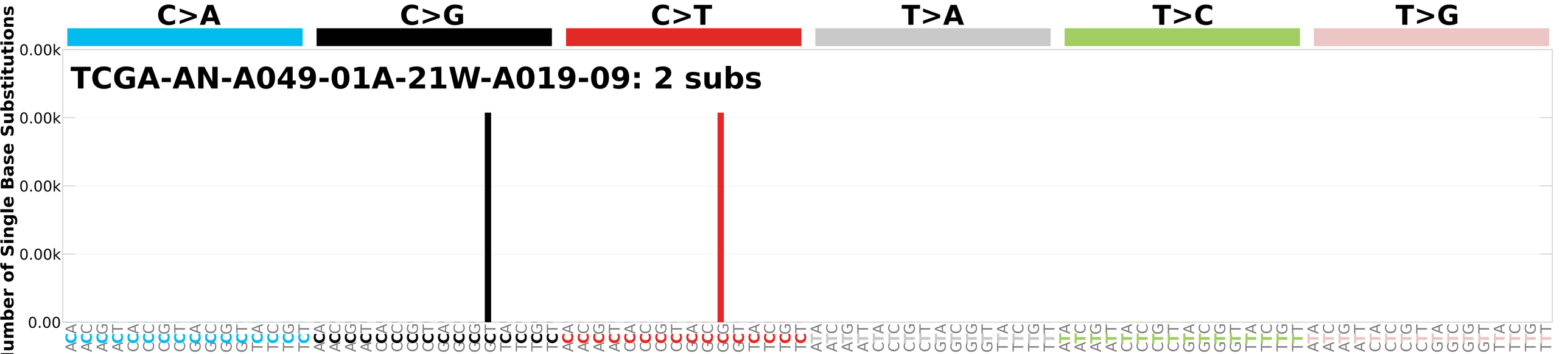
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C>G
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T>C
T>G
TCGA-AN-A049-01A-21W-A019-09: 2 subs
Number of Single Base Substitutions
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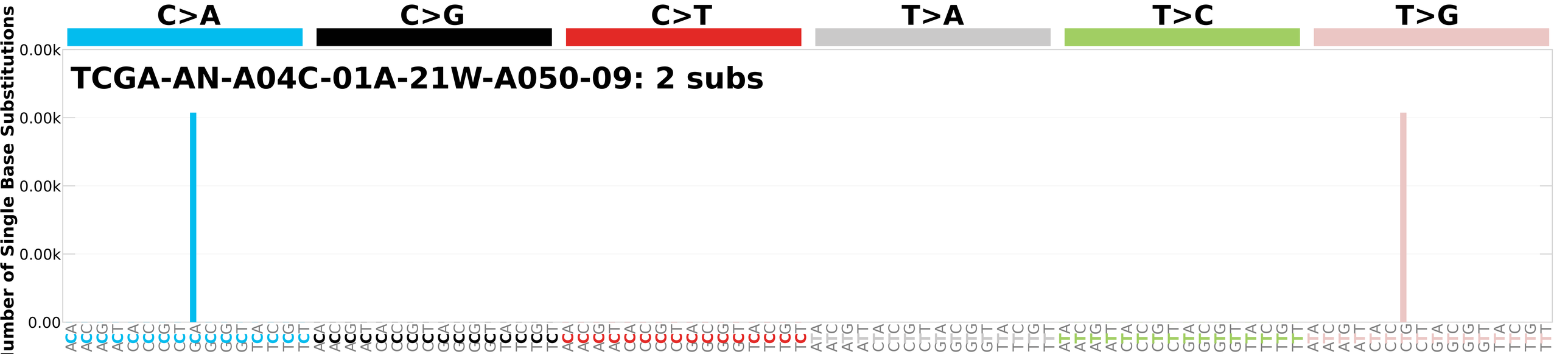
C>A
C>G
C>T
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T>C
T>G
TCGA-AN-A04C-01A-21W-A050-09: 2 subs
Number of Single Base Substitutions
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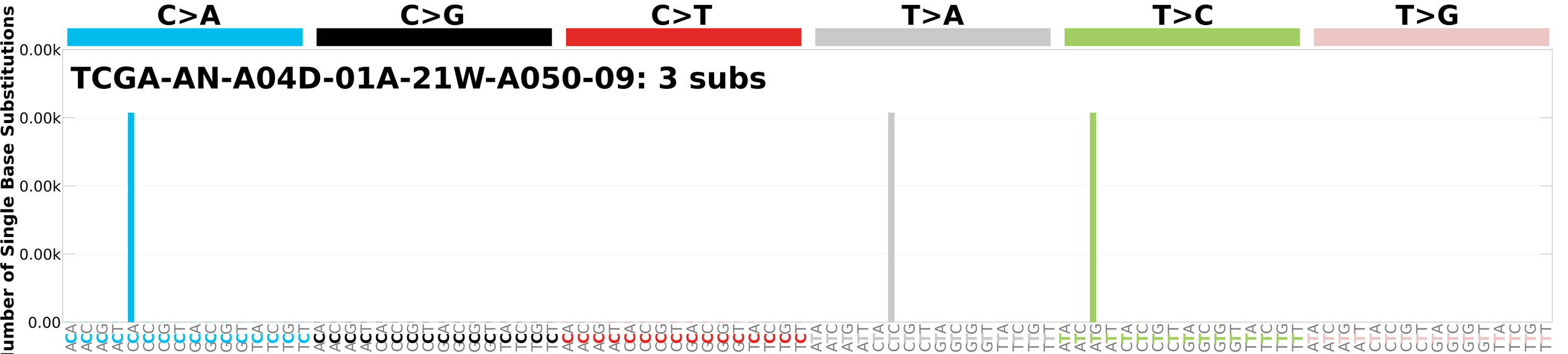
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C>G
C>T
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T>C
T>G
TCGA-AN-A04D-01A-21W-A050-09: 3 subs
Number of Single Base Substitutions
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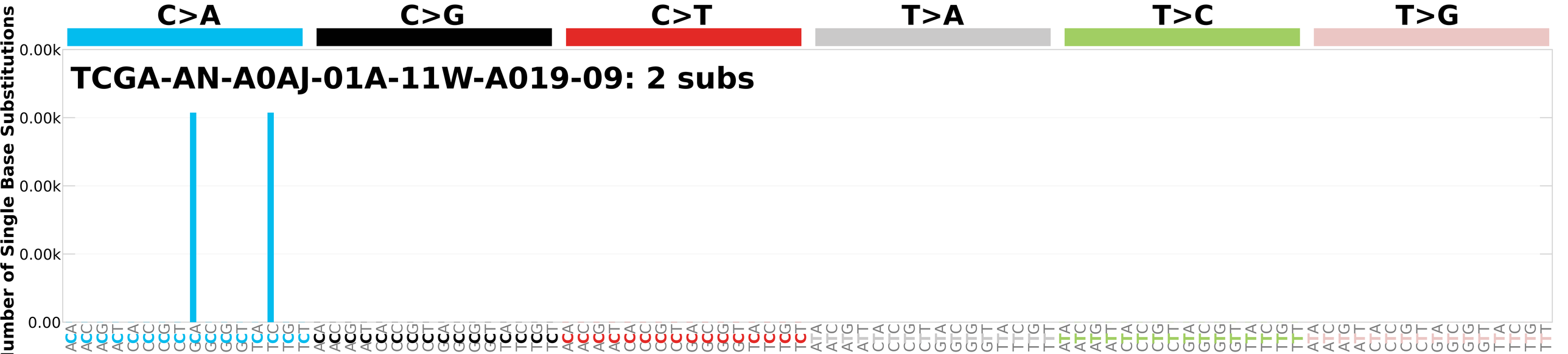
C>A
C>G
C>T
T>A
T>C
T>G
TCGA-AN-A0AJ-01A-11W-A019-09: 2 subs
Number of Single Base Substitutions
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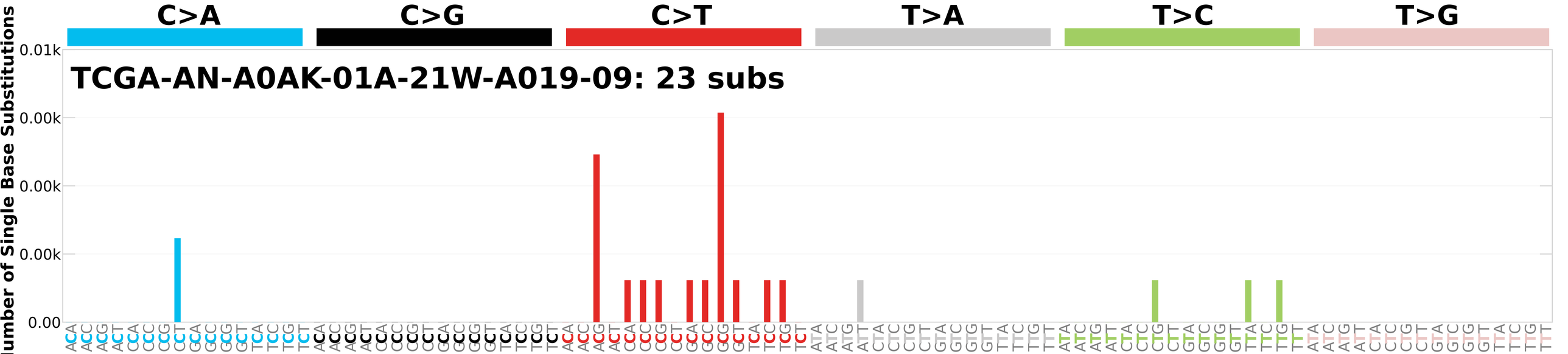
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
TCGA-AN-A0AK-01A-21W-A019-09: 23 subs
Number of Single Base Substitutions
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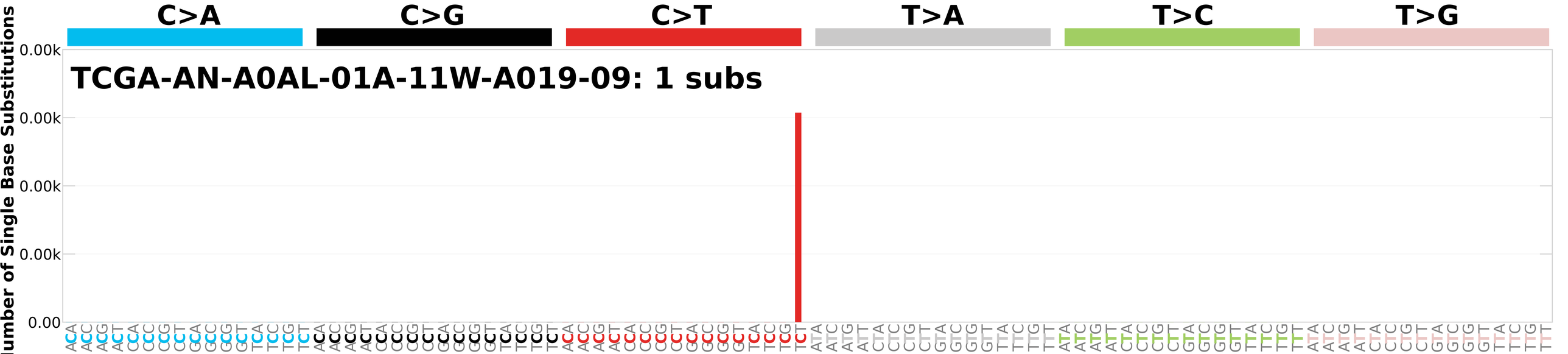
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
TCGA-AN-A0AL-01A-11W-A019-09: 1 subs
Number of Single Base Substitutions
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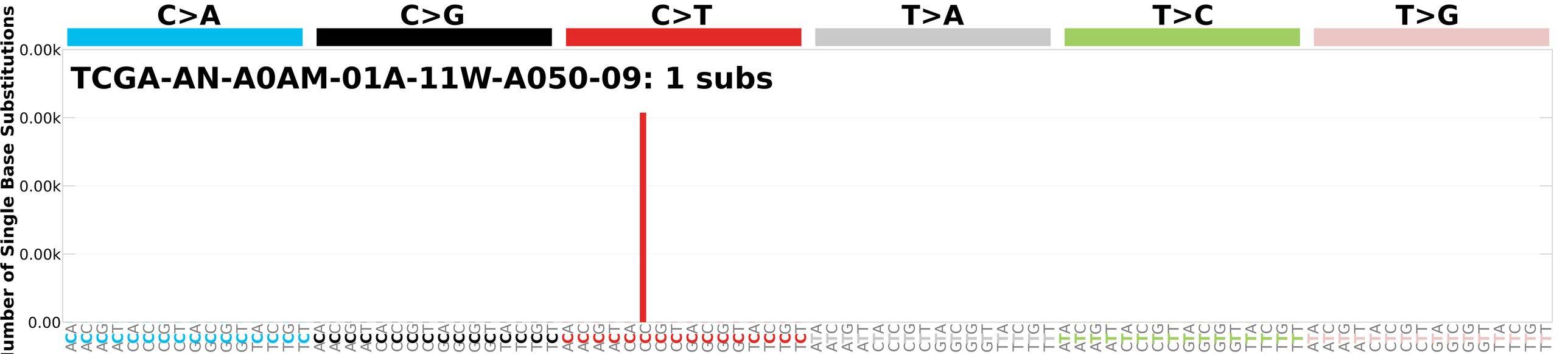
0.00k
0.00k
0.00k
0.00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C>T
T>A
T>C
T>G
TCGA-AN-A0AM-01A-11W-A050-09: 1 subs
Number of Single Base Substitutions
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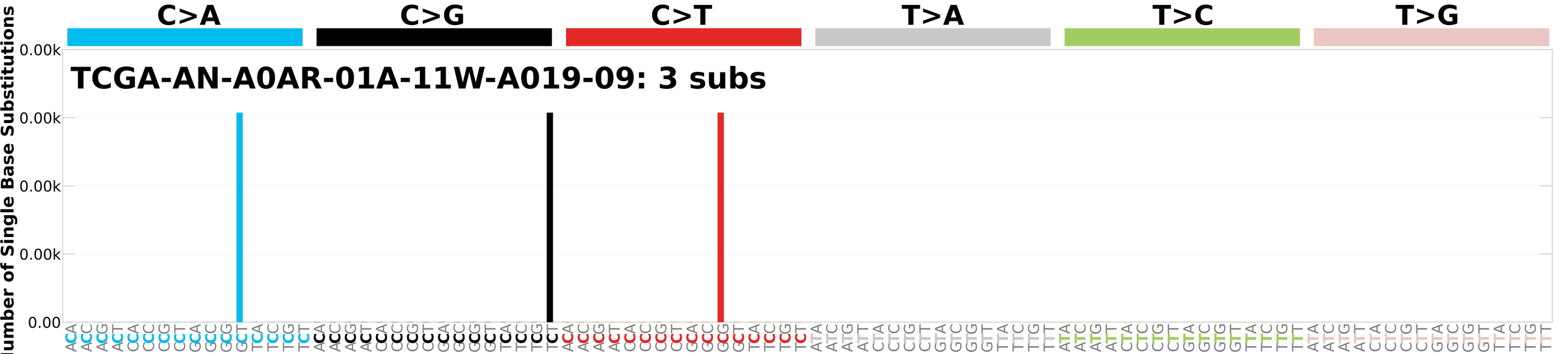
C>A
C>G
C>T
T>A
T>C
T>G
TCGA-AN-A0AR-01A-11W-A019-09: 3 subs
Number of Single Base Substitutions
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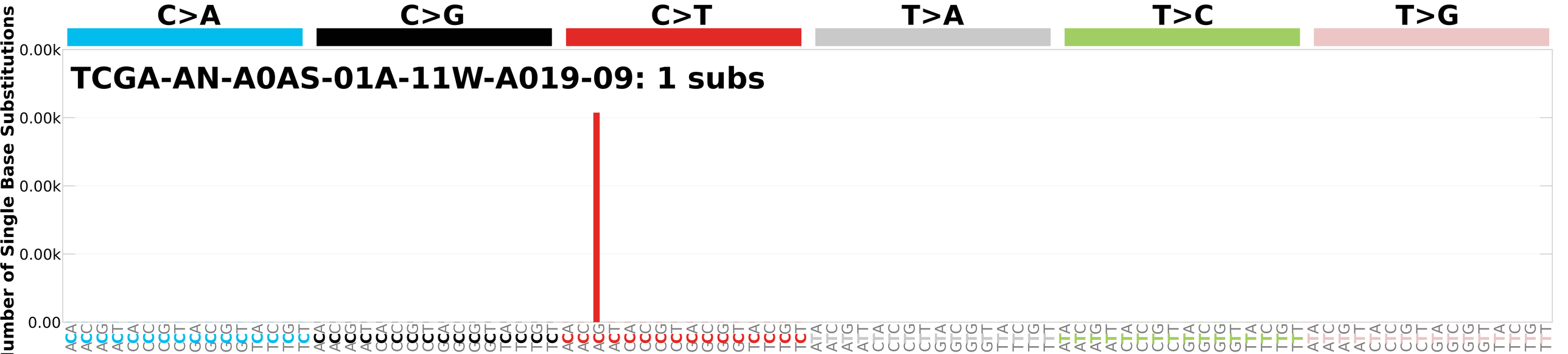
0.00


C>A
C>G
C>T
T>A
T>C
T>G
TCGA-AN-A0AS-01A-11W-A019-09: 1 subs
Number of Single Base Substitutions
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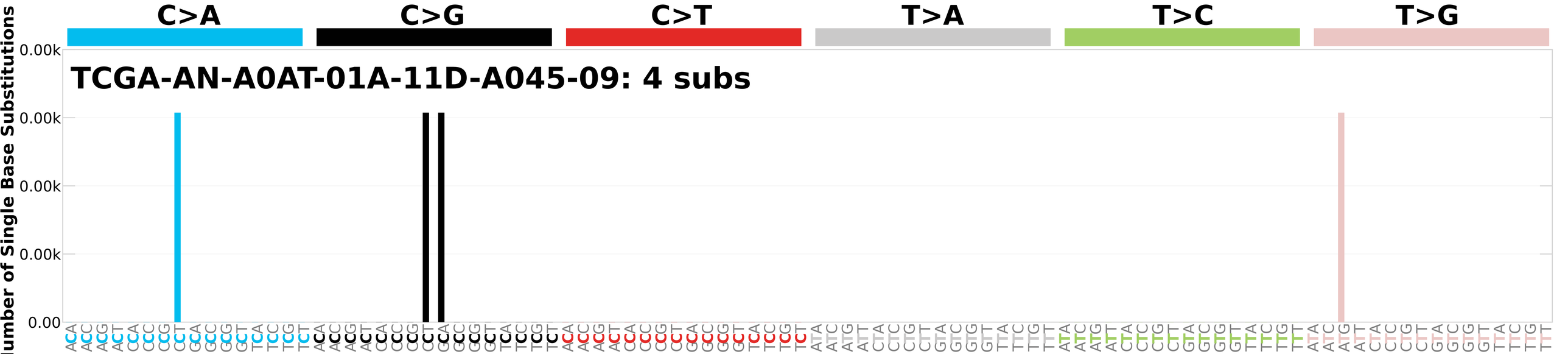
C>A
C>G
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T>C
T>G
TCGA-AN-A0AT-01A-11D-A045-09: 4 subs
Number of Single Base Substitutions
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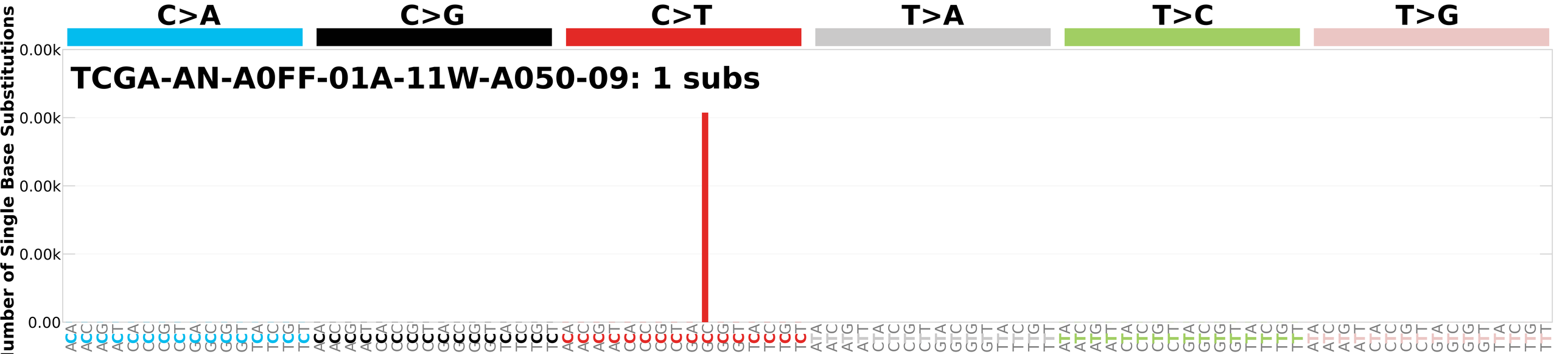
C>A
C>G
C>T
T>A
T>C
T>G
TCGA-AN-A0FF-01A-11W-A050-09: 1 subs
Number of Single Base Substitutions
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0.00k
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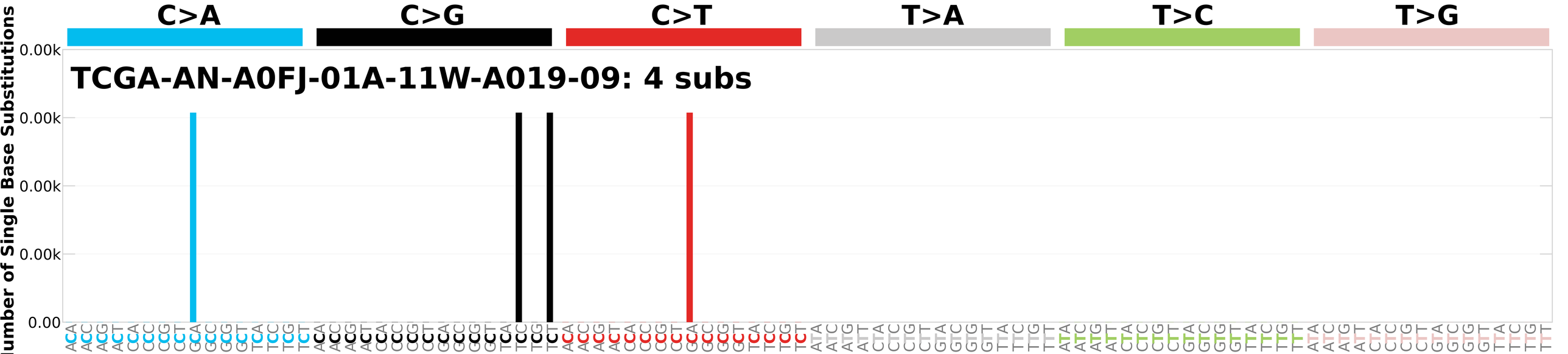
0.00k
0.00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T>A
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T>G
TCGA-AN-A0FJ-01A-11W-A019-09: 4 subs
Number of Single Base Substitutions
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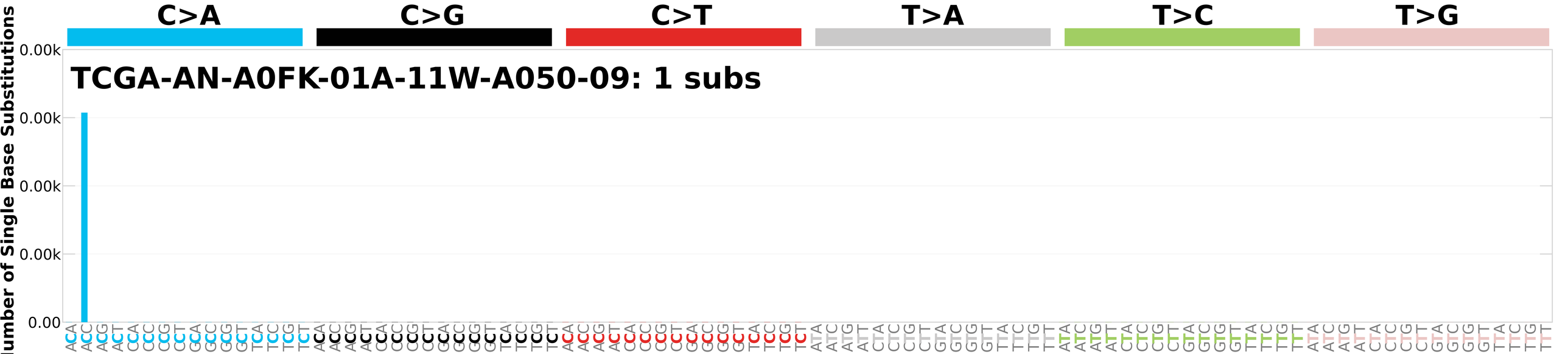
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T>C
T>G
TCGA-AN-A0FK-01A-11W-A050-09: 1 subs
Number of Single Base Substitutions
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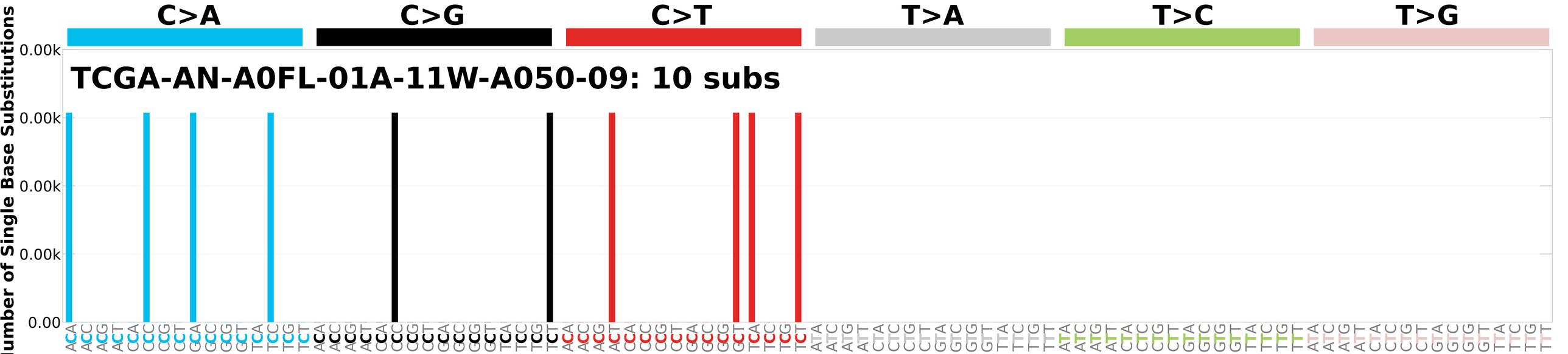
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C>G
C>T
T>A
T>C
T>G
TCGA-AN-A0FL-01A-11W-A050-09: 10 subs
Number of Single Base Substitutions
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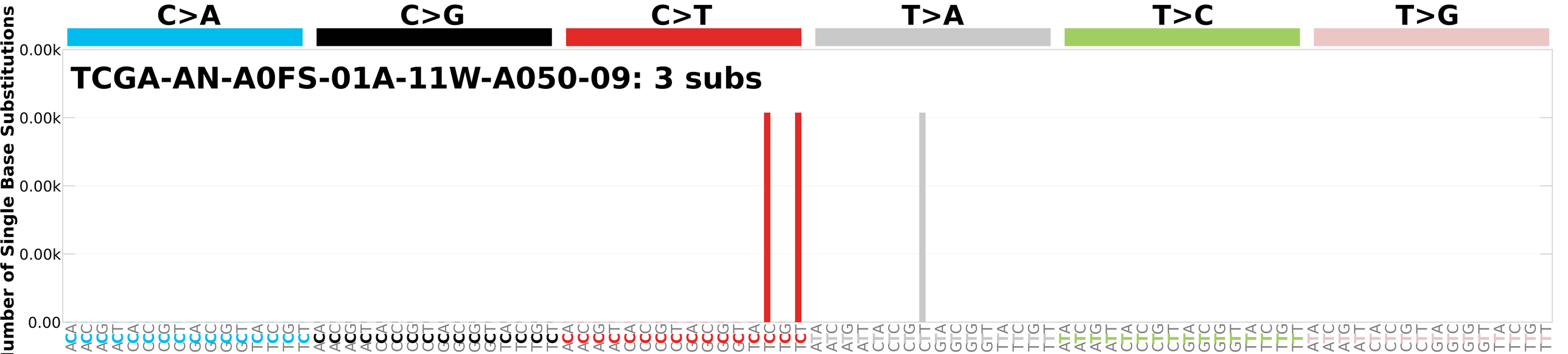
C>A
C>G
C>T
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T>C
T>G
TCGA-AN-A0FS-01A-11W-A050-09: 3 subs
Number of Single Base Substitutions
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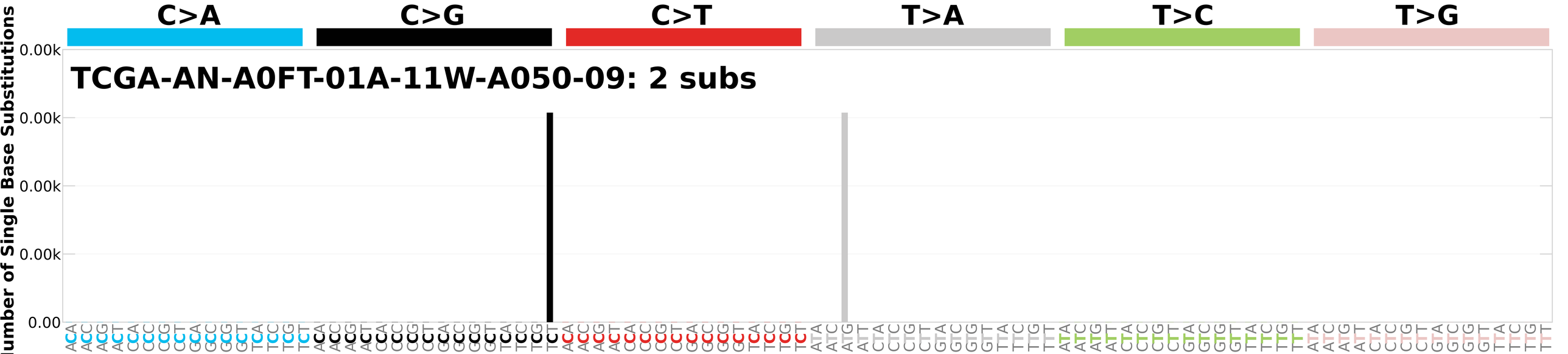
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C>G
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T>C
T>G
TCGA-AN-A0FT-01A-11W-A050-09: 2 subs
Number of Single Base Substitutions
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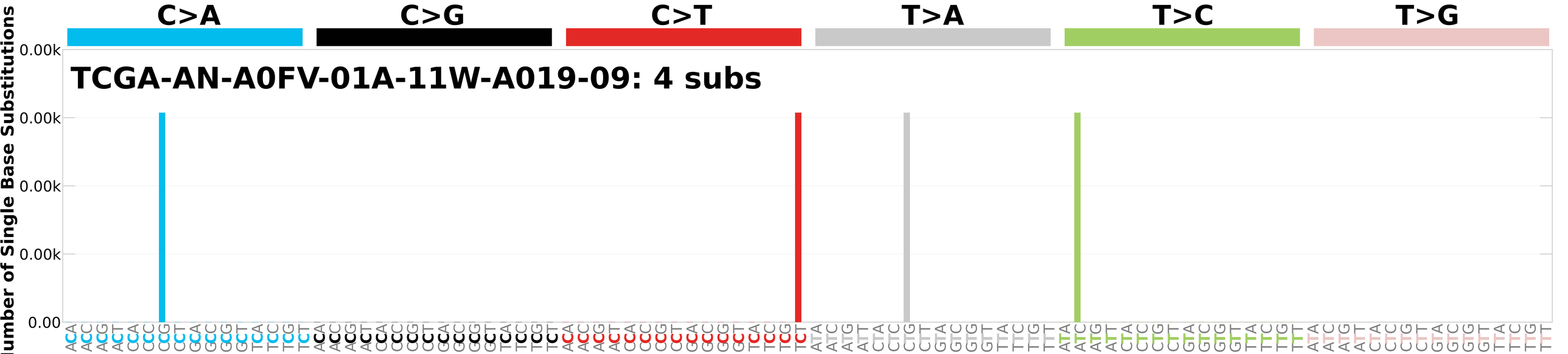
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C>G
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T>C
T>G
TCGA-AN-A0FV-01A-11W-A019-09: 4 subs
Number of Single Base Substitutions
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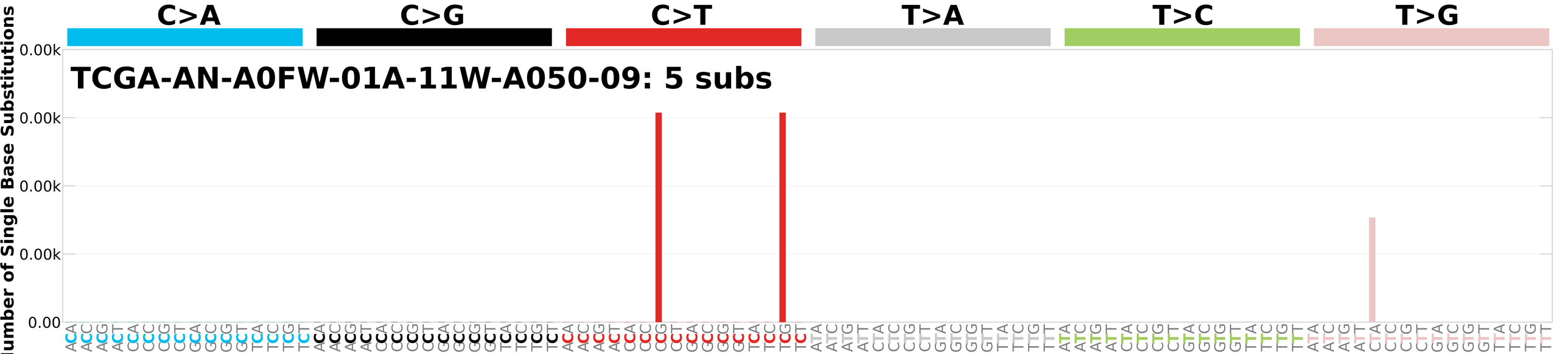
C>A
C>G
C>T
T>A
T>C
T>G
TCGA-AN-A0FW-01A-11W-A050-09: 5 subs
Number of Single Base Substitutions
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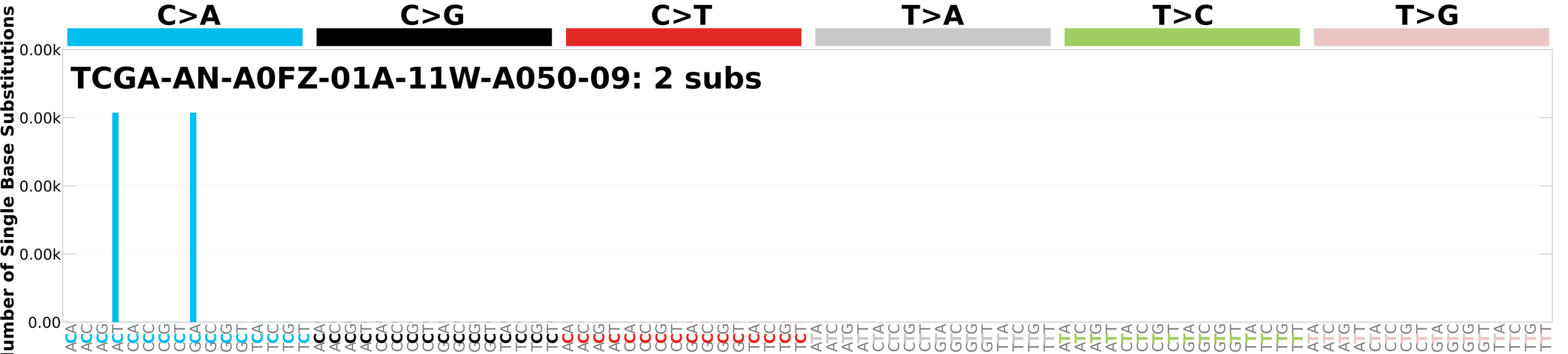
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T>A
T>C
T>G
TCGA-AN-A0FZ-01A-11W-A050-09: 2 subs
Number of Single Base Substitutions
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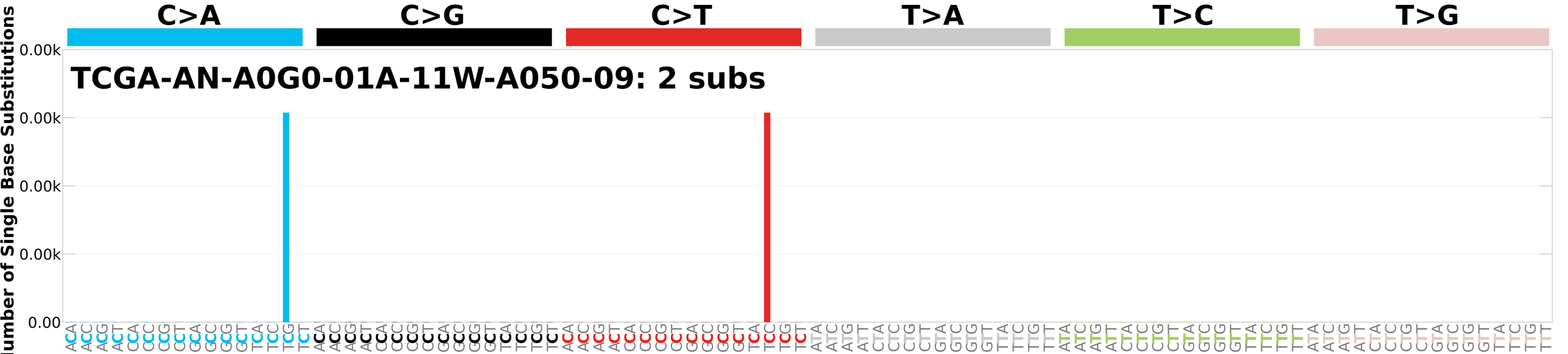
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T>C
T>G
TCGA-AN-A0G0-01A-11W-A050-09: 2 subs
Number of Single Base Substitutions
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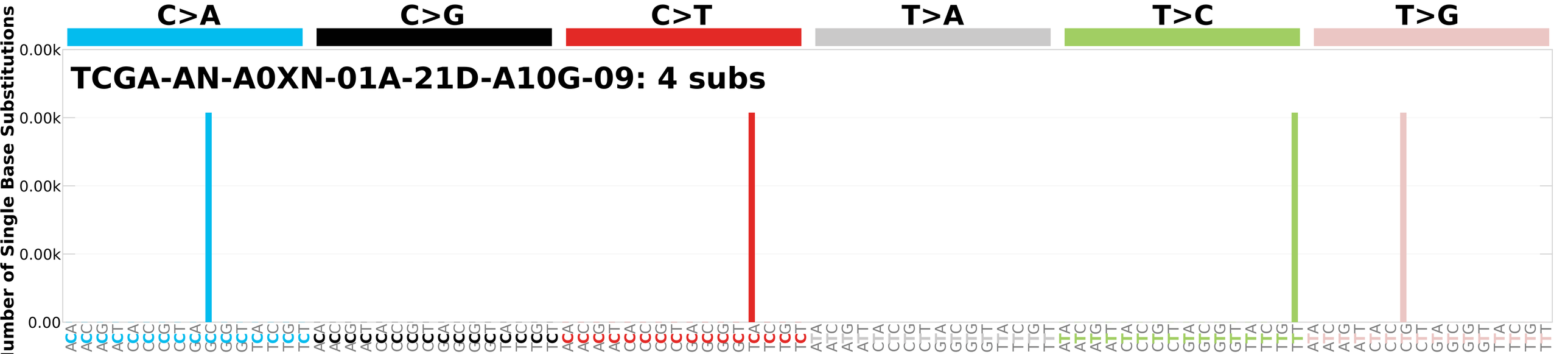
C>A
C>G
C>T
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T>C
T>G
TCGA-AN-A0XN-01A-21D-A10G-09: 4 subs
Number of Single Base Substitutions
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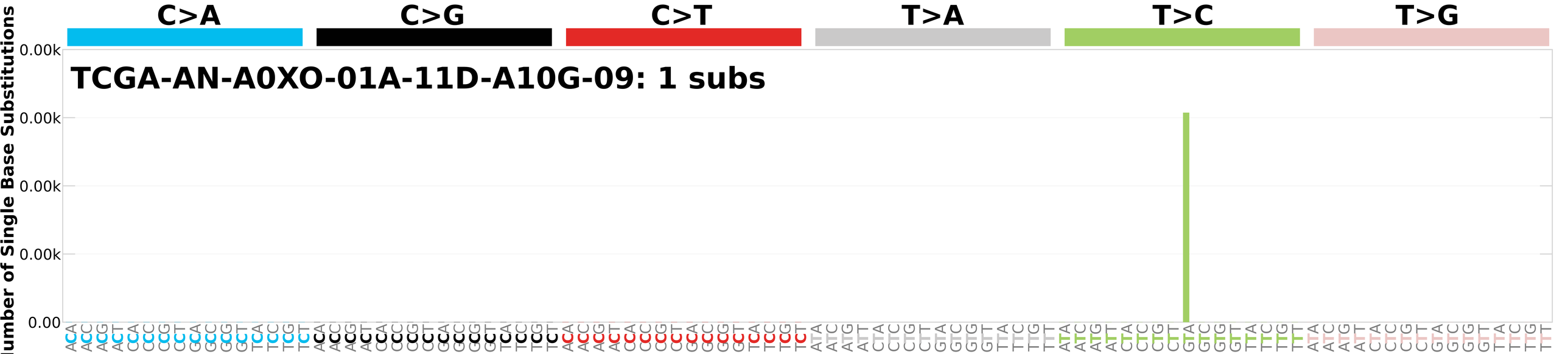
C>A
C>G
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T>G
TCGA-AN-A0XO-01A-11D-A10G-09: 1 subs
Number of Single Base Substitutions
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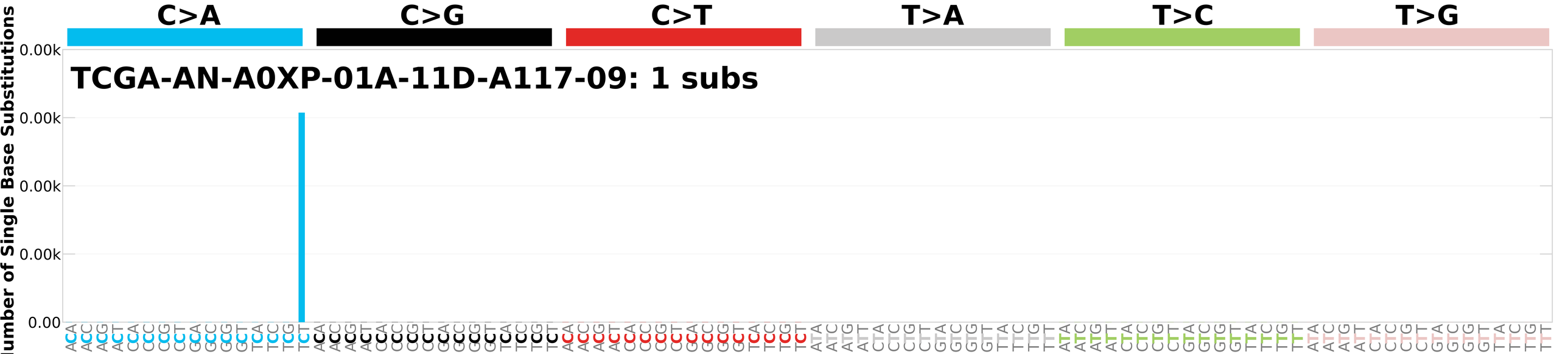
C>A
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T>G
TCGA-AN-A0XP-01A-11D-A117-09: 1 subs
Number of Single Base Substitutions
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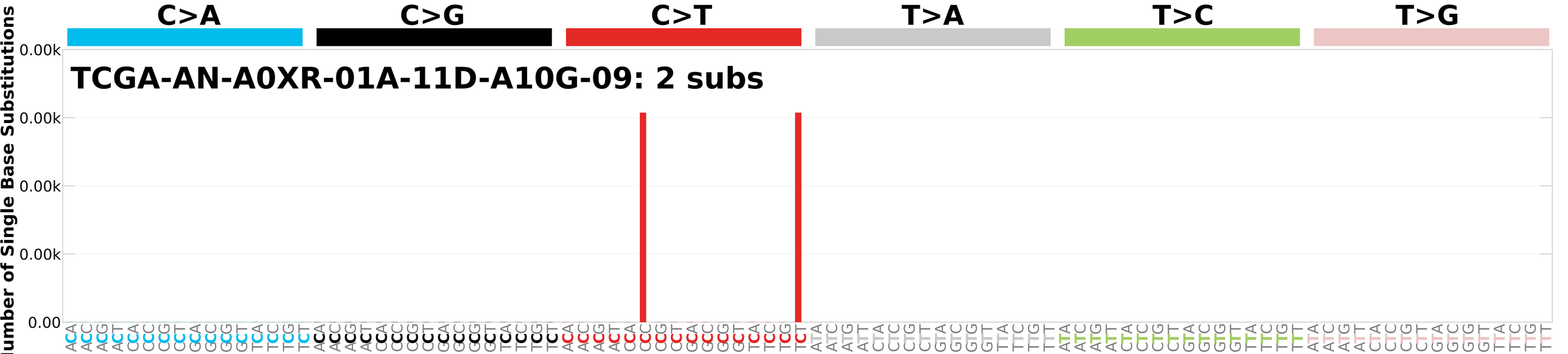
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C>G
C>T
T>A
T>C
T>G
TCGA-AN-A0XR-01A-11D-A10G-09: 2 subs
Number of Single Base Substitutions
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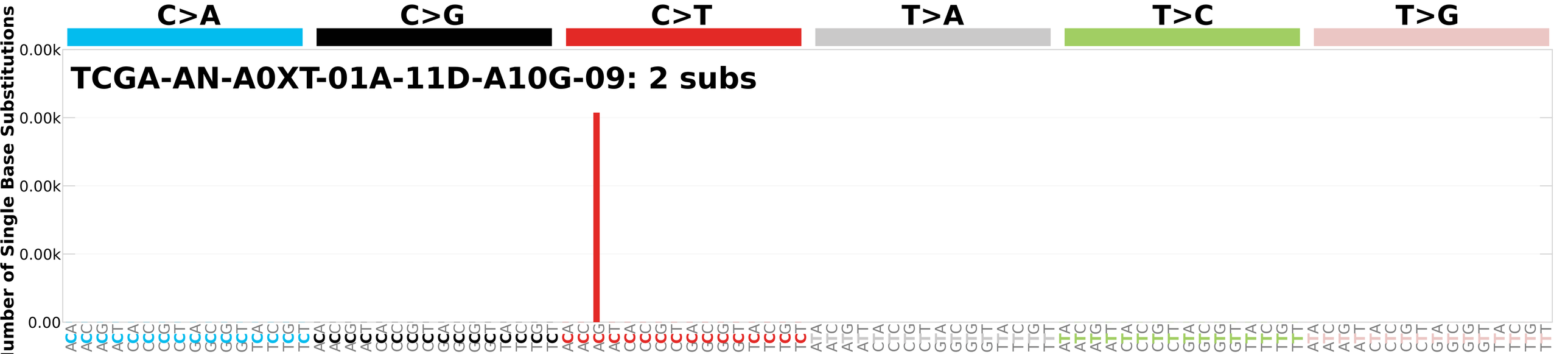
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T>C
T>G
TCGA-AN-A0XT-01A-11D-A10G-09: 2 subs
Number of Single Base Substitutions
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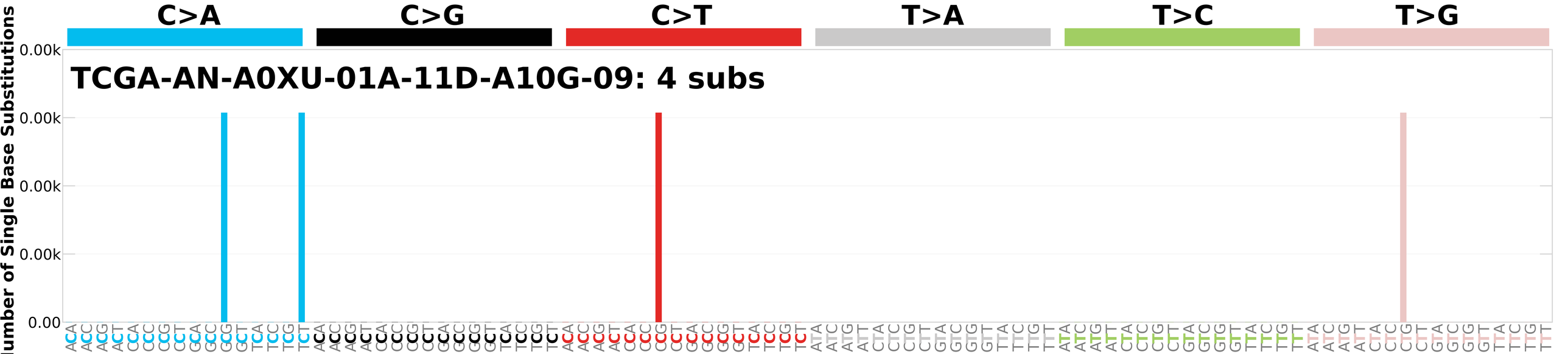
C>A
C>G
C>T
T>A
T>C
T>G
TCGA-AN-A0XU-01A-11D-A10G-09: 4 subs
Number of Single Base Substitutions
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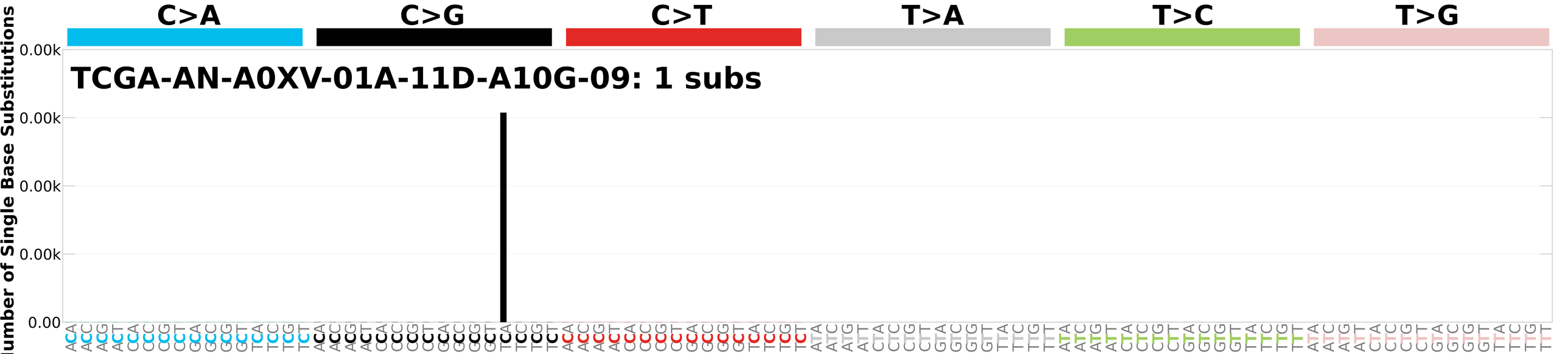
C>A
C>G
C>T
T>A
T>C
T>G
TCGA-AN-A0XV-01A-11D-A10G-09: 1 subs
Number of Single Base Substitutions
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0.00k
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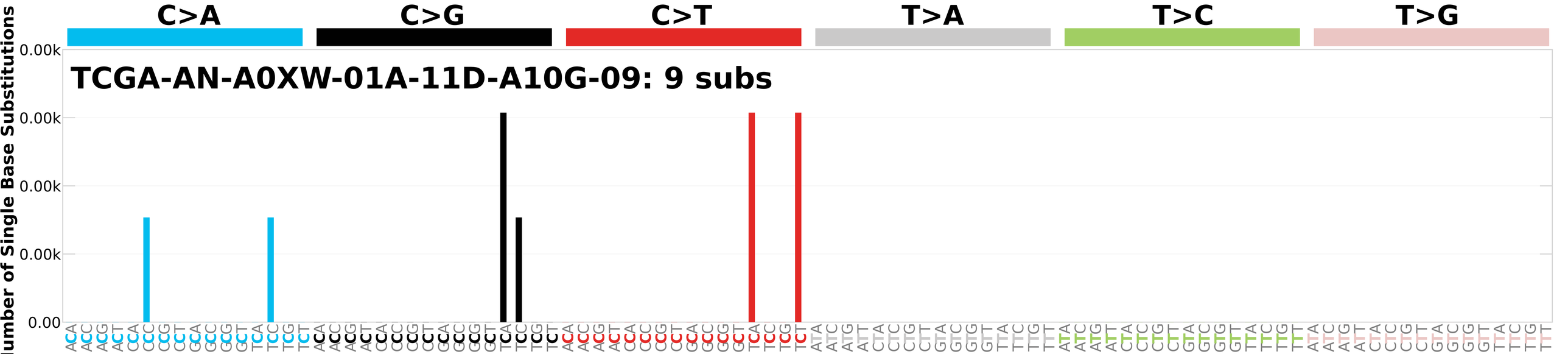
C>A
C>G
C>T
T>A
T>C
T>G
TCGA-AN-A0XW-01A-11D-A10G-09: 9 subs
Number of Single Base Substitutions
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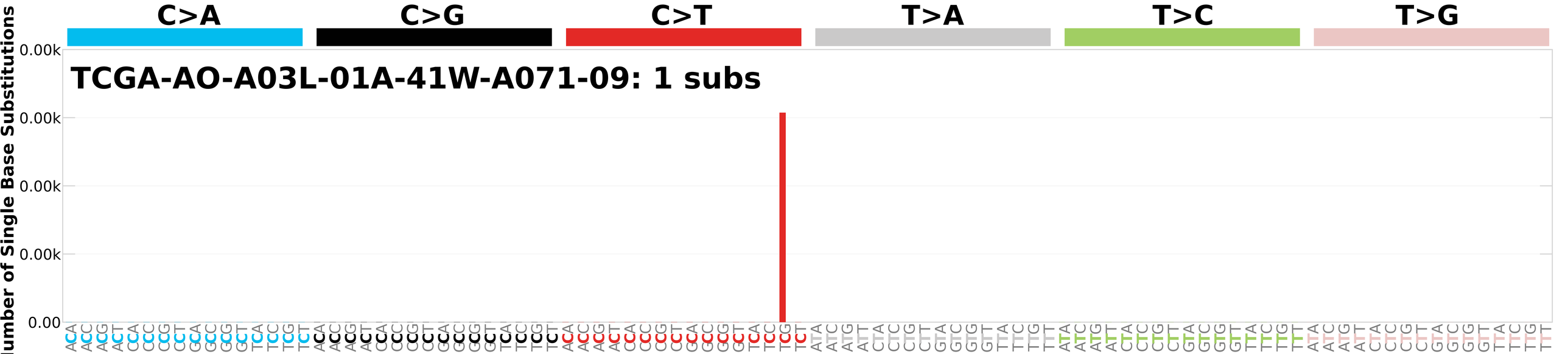
C>A
C>G
C>T
T>A
T>C
T>G
TCGA-AO-A03L-01A-41W-A071-09: 1 subs
Number of Single Base Substitutions
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0.00k
0.00k
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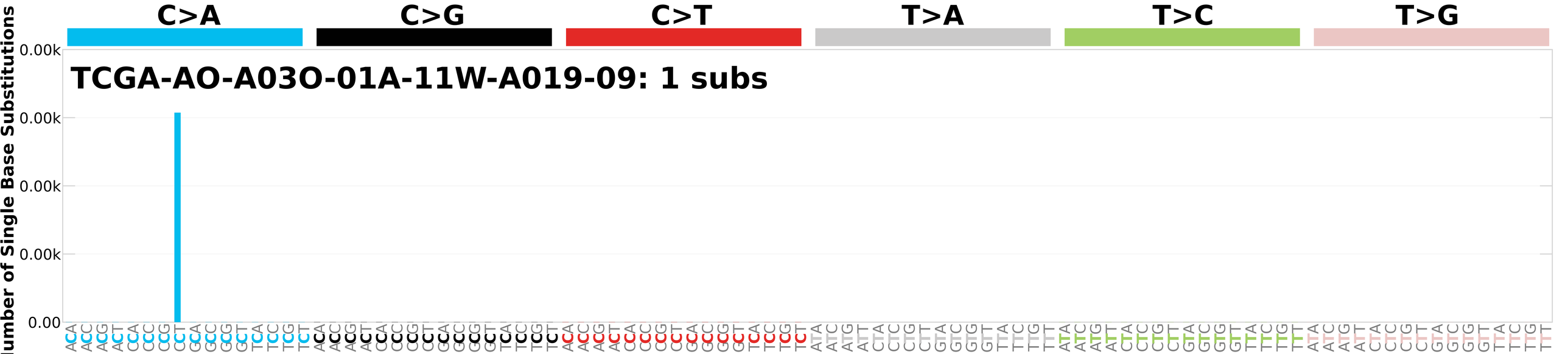
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TCGA-AO-A03O-01A-11W-A019-09: 1 subs
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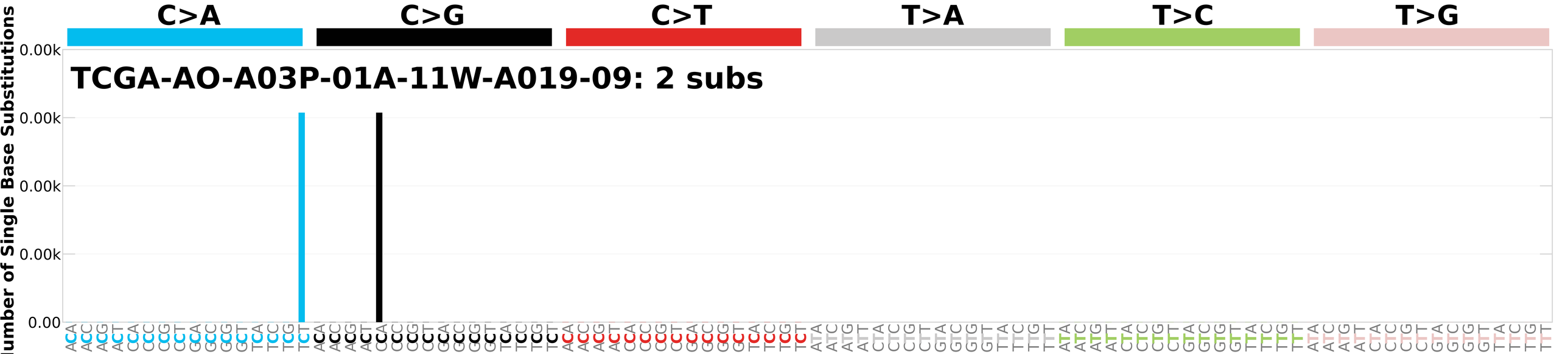
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TCGA-AO-A03P-01A-11W-A019-09: 2 subs
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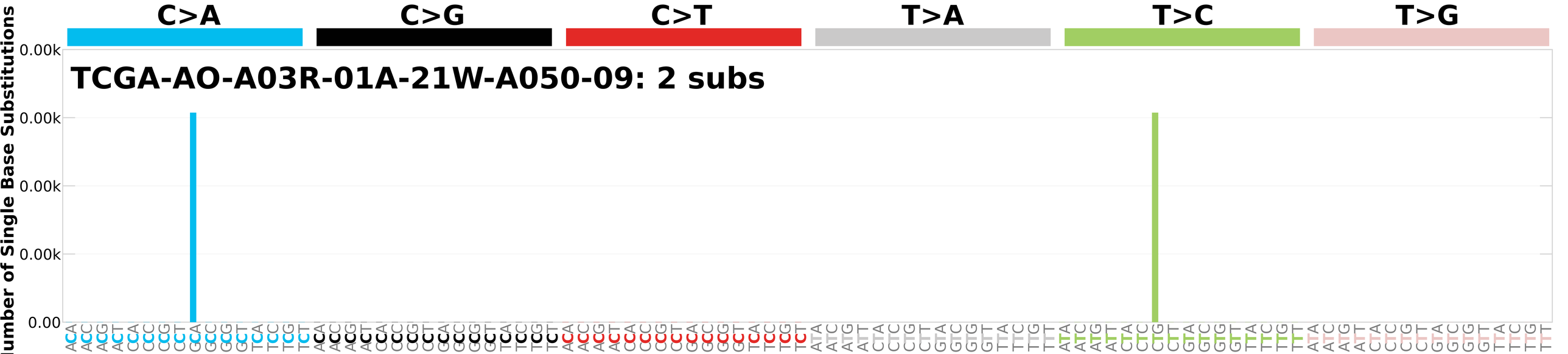
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TCGA-AO-A03R-01A-21W-A050-09: 2 subs
Number of Single Base Substitutions
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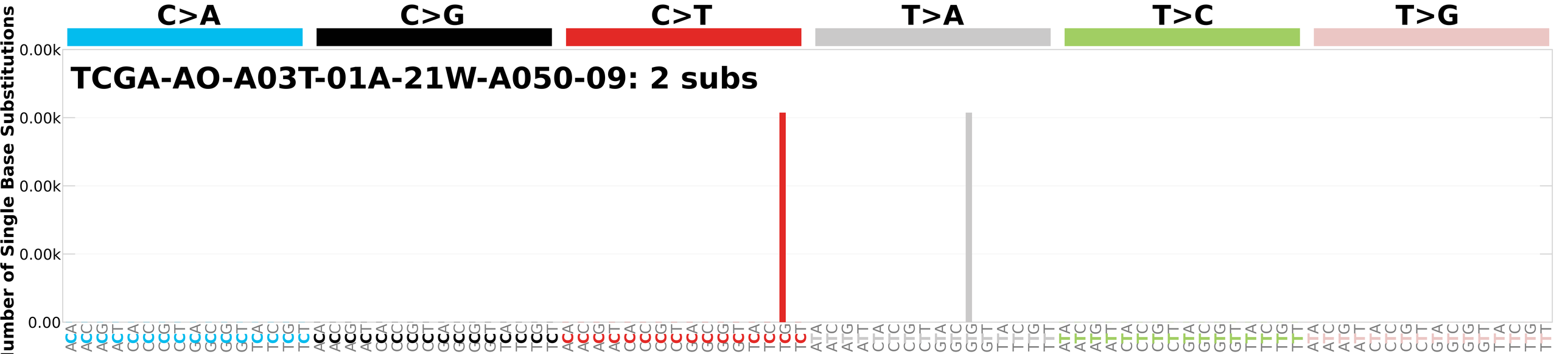
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TCGA-AO-A03T-01A-21W-A050-09: 2 subs
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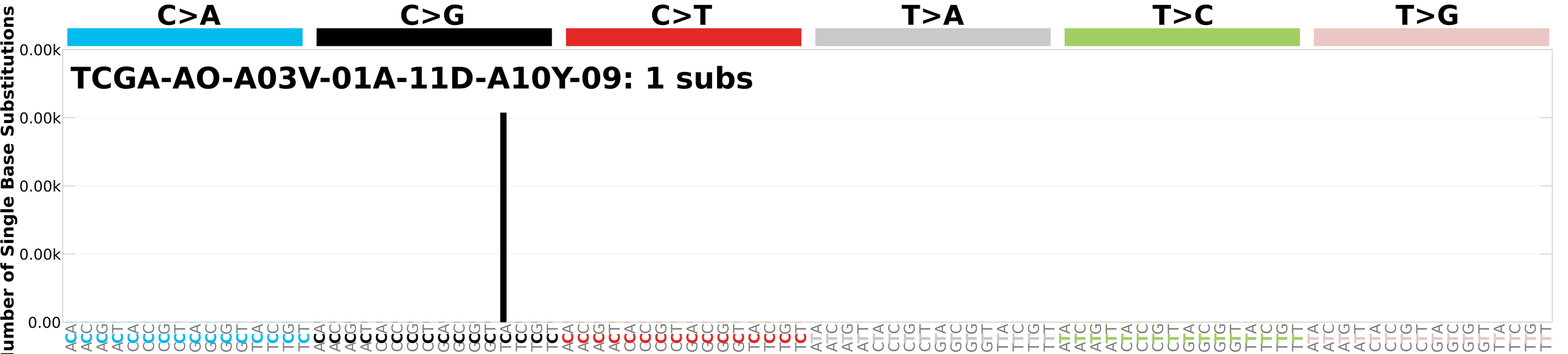
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TCGA-AO-A03V-01A-11D-A10Y-09: 1 subs
Number of Single Base Substitutions
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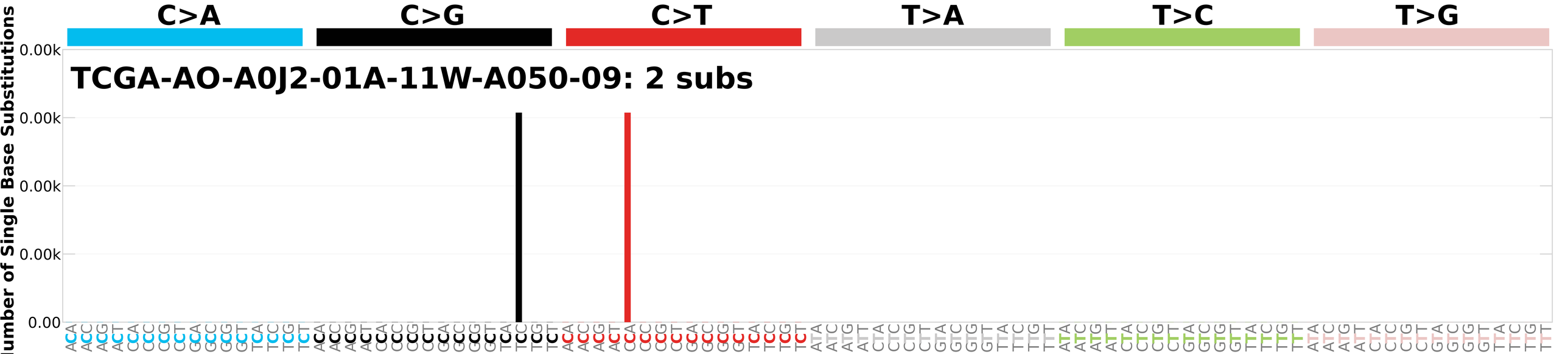
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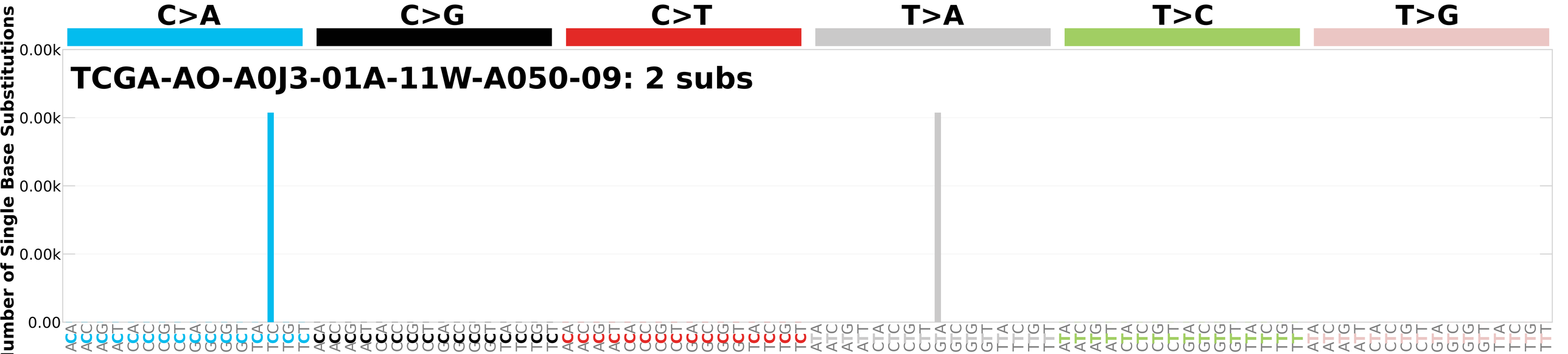
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TCGA-AO-A0J3-01A-11W-A050-09: 2 subs
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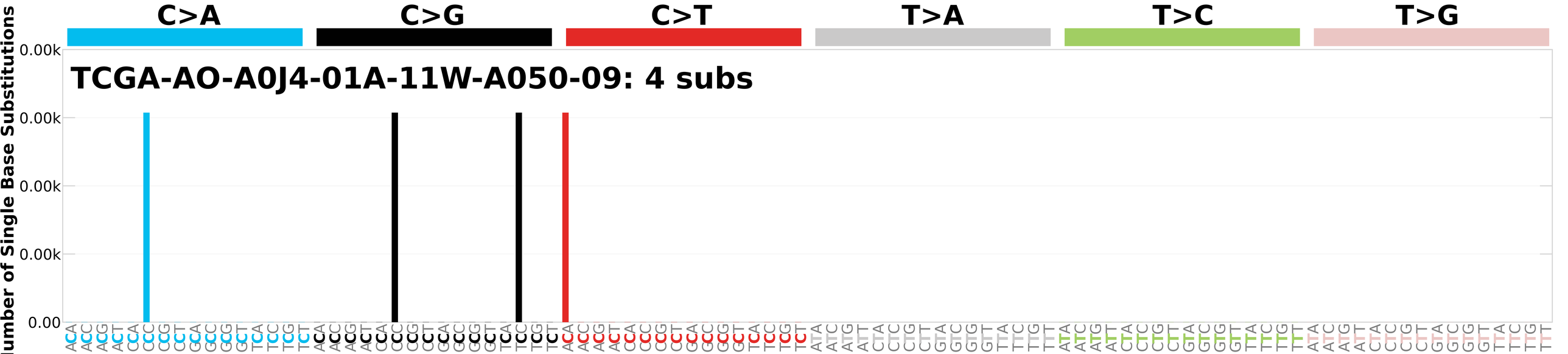
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TCGA-AO-A0J4-01A-11W-A050-09: 4 subs
Number of Single Base Substitutions
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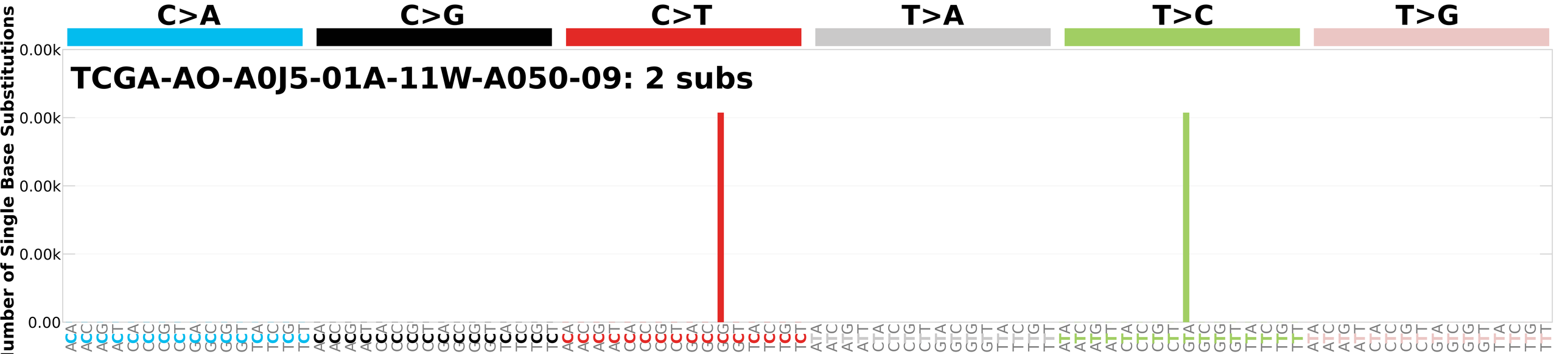
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TCGA-AO-A0J5-01A-11W-A050-09: 2 subs
Number of Single Base Substitutions
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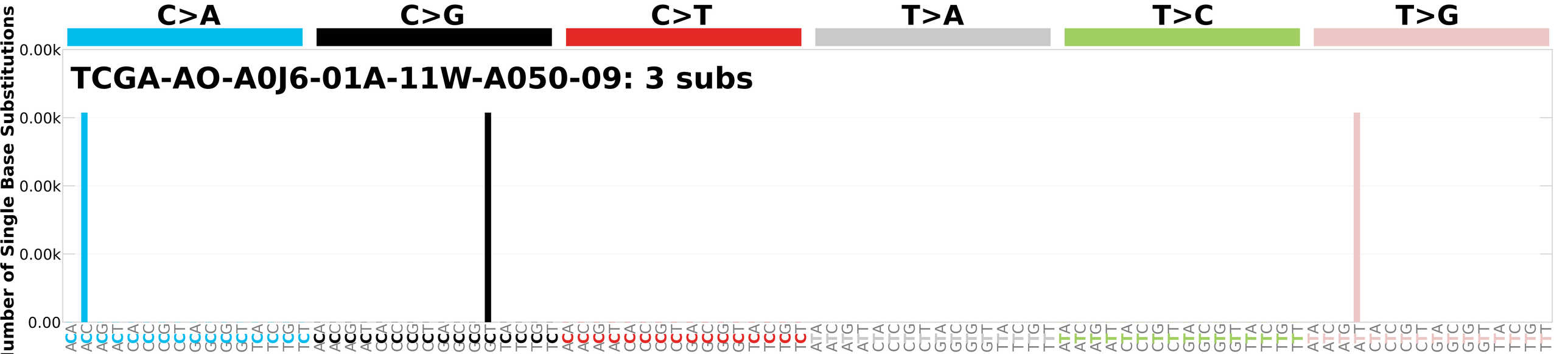
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T>G
TCGA-AO-A0J6-01A-11W-A050-09: 3 subs
Number of Single Base Substitutions
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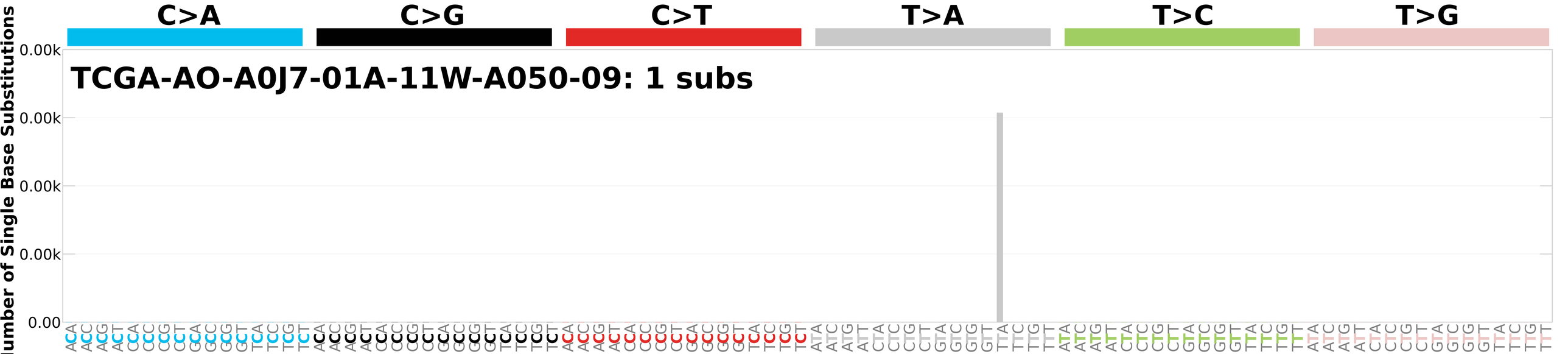
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T>G
TCGA-AO-A0J7-01A-11W-A050-09: 1 subs
Number of Single Base Substitutions
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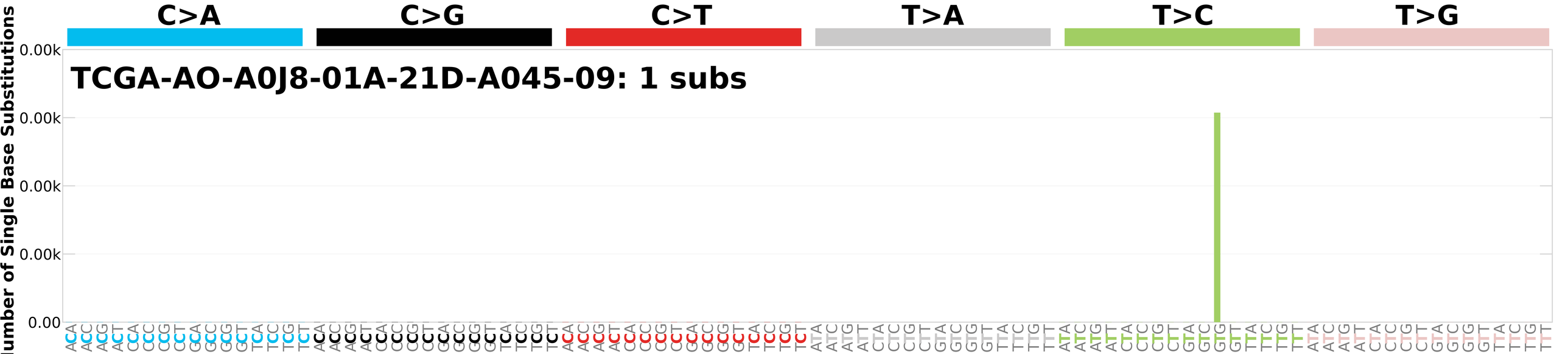
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TCGA-AO-A0J8-01A-21D-A045-09: 1 subs
Number of Single Base Substitutions
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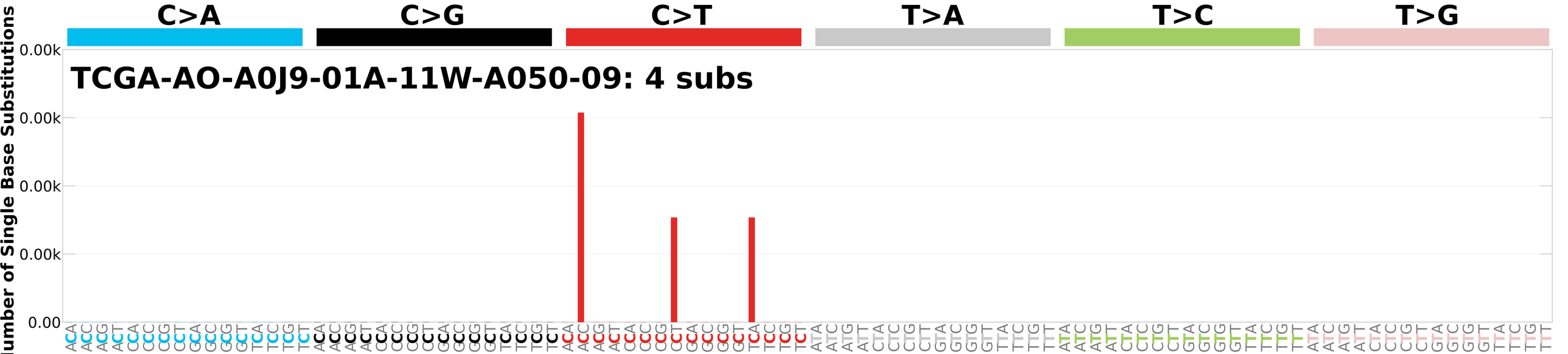
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TCGA-AO-A0J9-01A-11W-A050-09: 4 subs
Number of Single Base Substitutions
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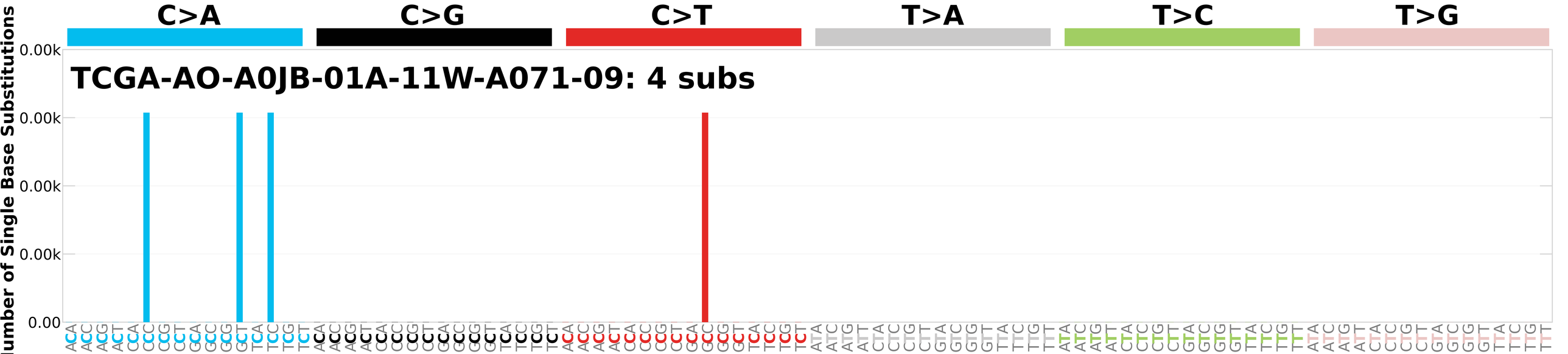
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C>G
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TCGA-AO-A0JB-01A-11W-A071-09: 4 subs
Number of Single Base Substitutions
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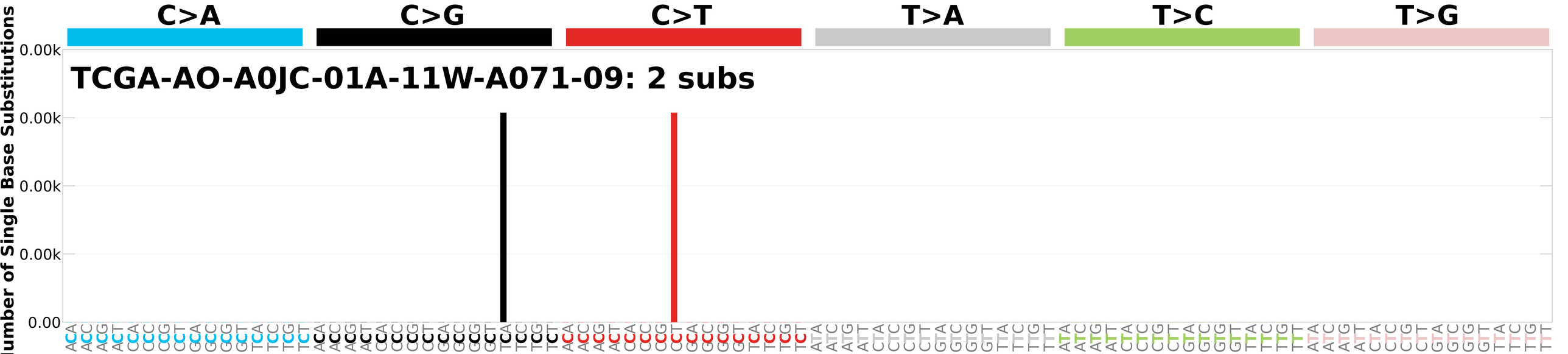
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TCGA-AO-A0JC-01A-11W-A071-09: 2 subs
Number of Single Base Substitutions
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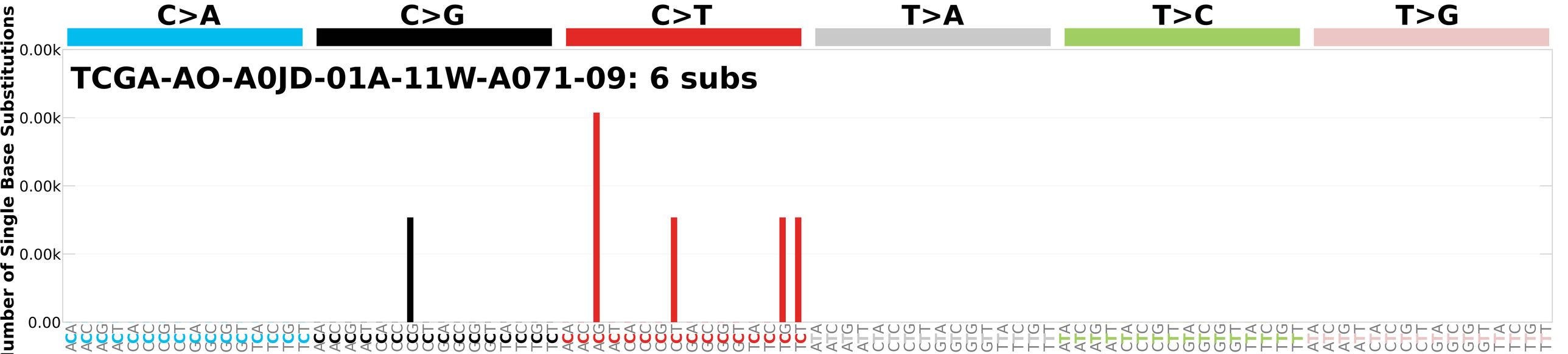
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TCGA-AO-A0JD-01A-11W-A071-09: 6 subs
Number of Single Base Substitutions
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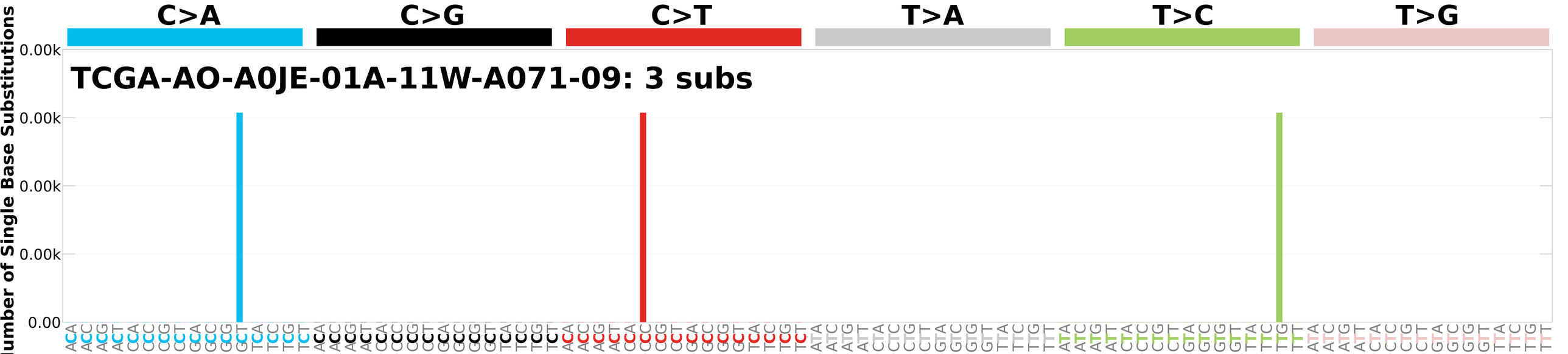
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T>G
TCGA-AO-A0JE-01A-11W-A071-09: 3 subs
Number of Single Base Substitutions
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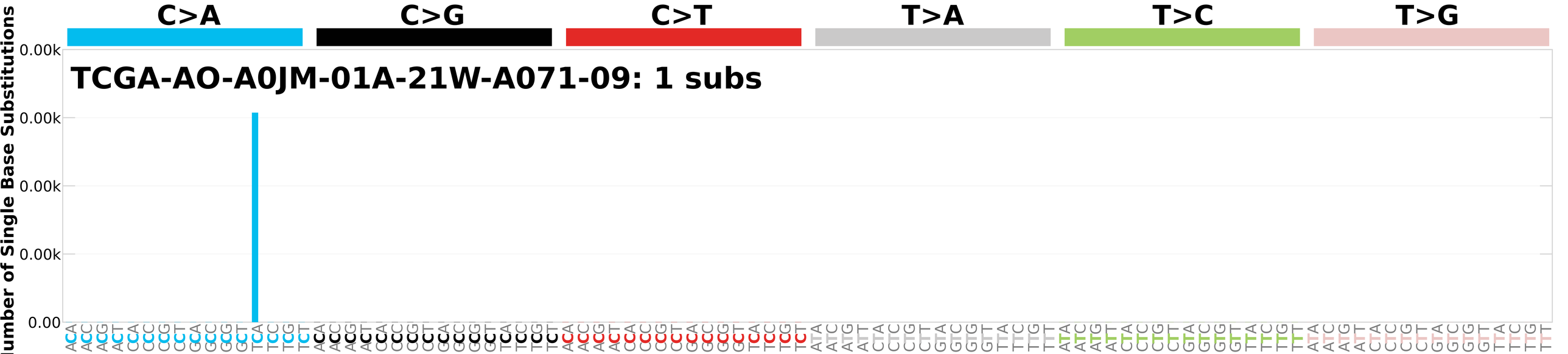
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TCGA-AO-A0JM-01A-21W-A071-09: 1 subs
Number of Single Base Substitutions
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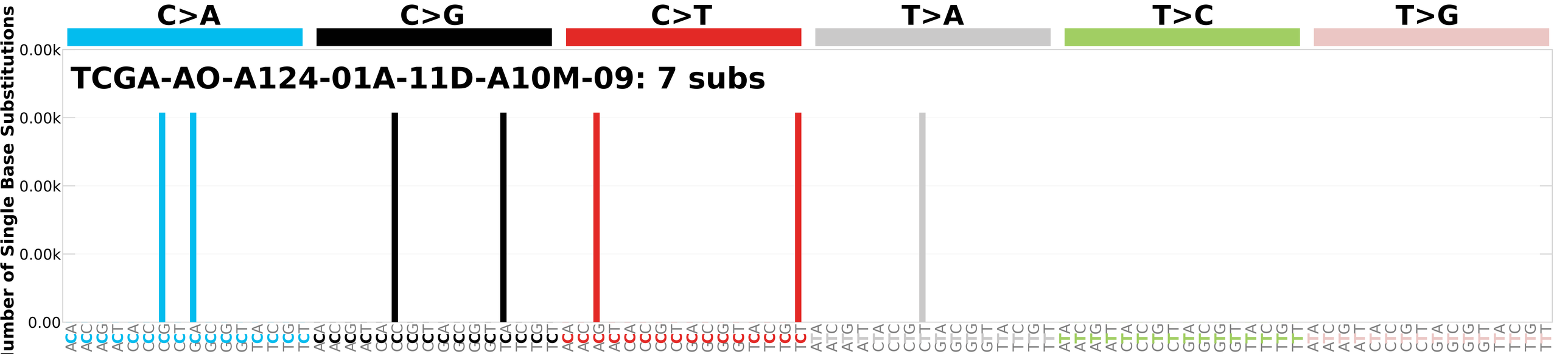
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TCGA-AO-A124-01A-11D-A10M-09: 7 subs
Number of Single Base Substitutions
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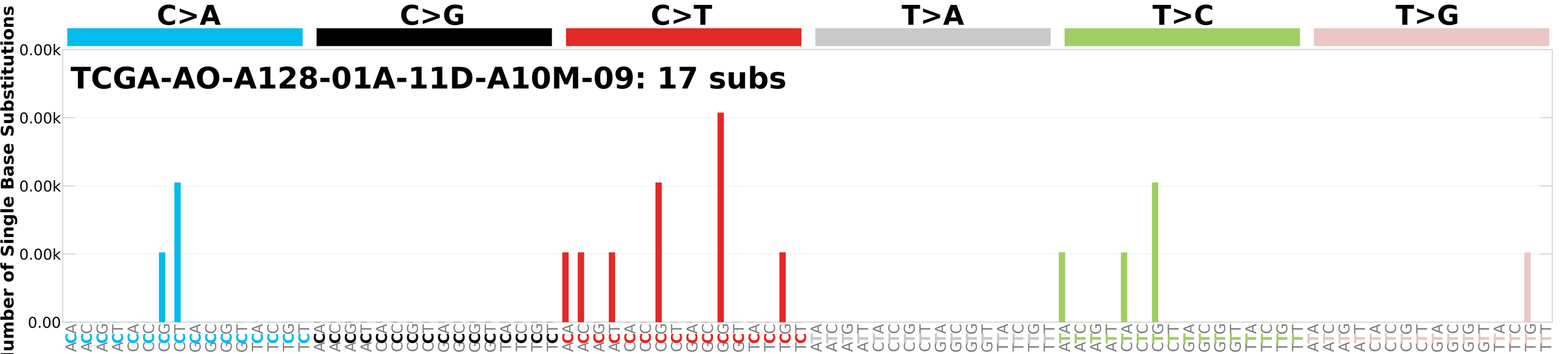
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TCGA-AO-A128-01A-11D-A10M-09: 17 subs
Number of Single Base Substitutions
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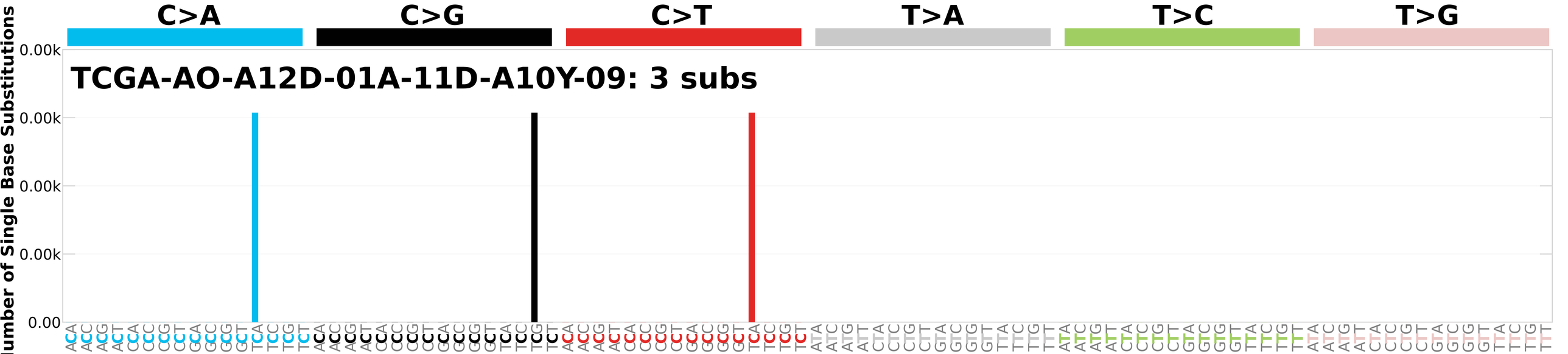
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TCGA-AO-A12D-01A-11D-A10Y-09: 3 subs
Number of Single Base Substitutions
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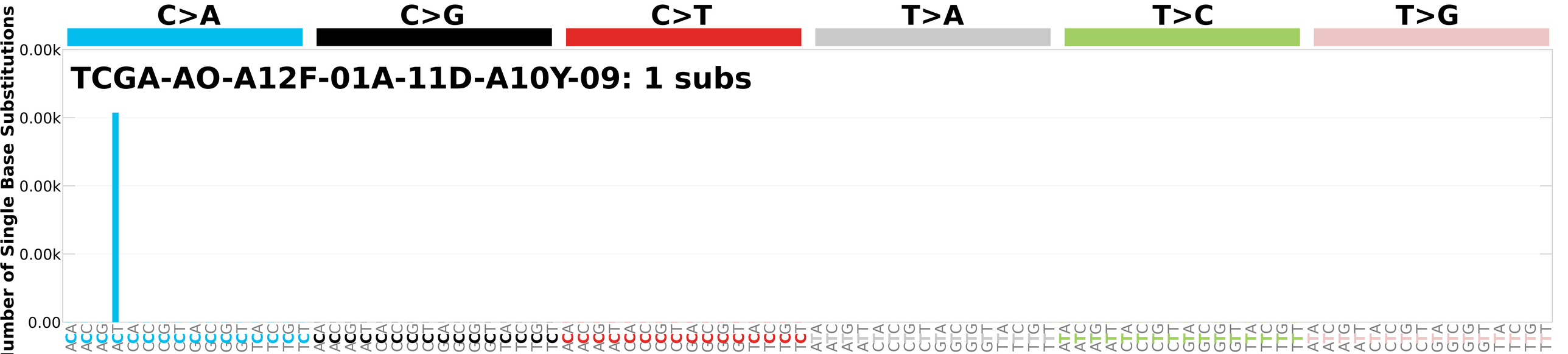
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TCGA-AO-A12F-01A-11D-A10Y-09: 1 subs
Number of Single Base Substitutions
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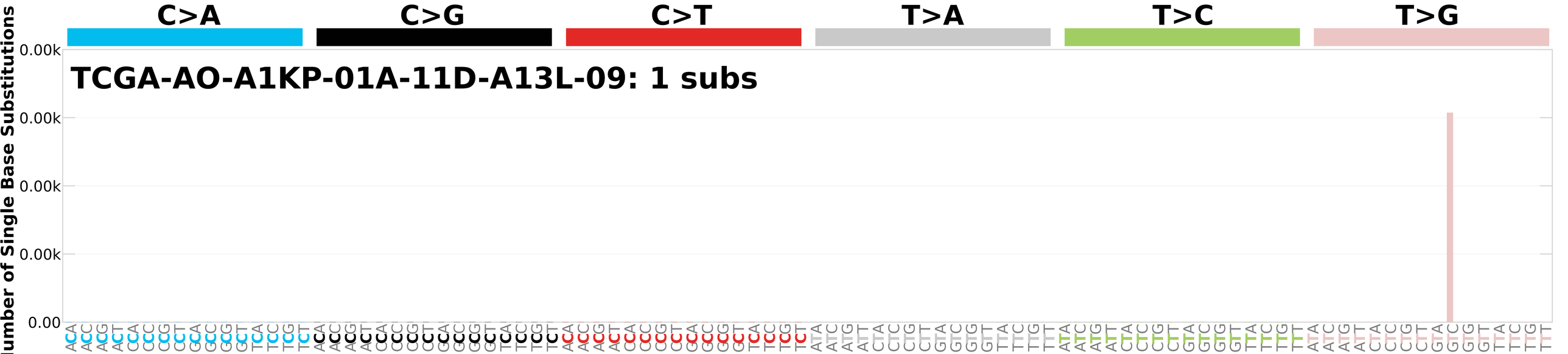
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Number of Single Base Substitutions
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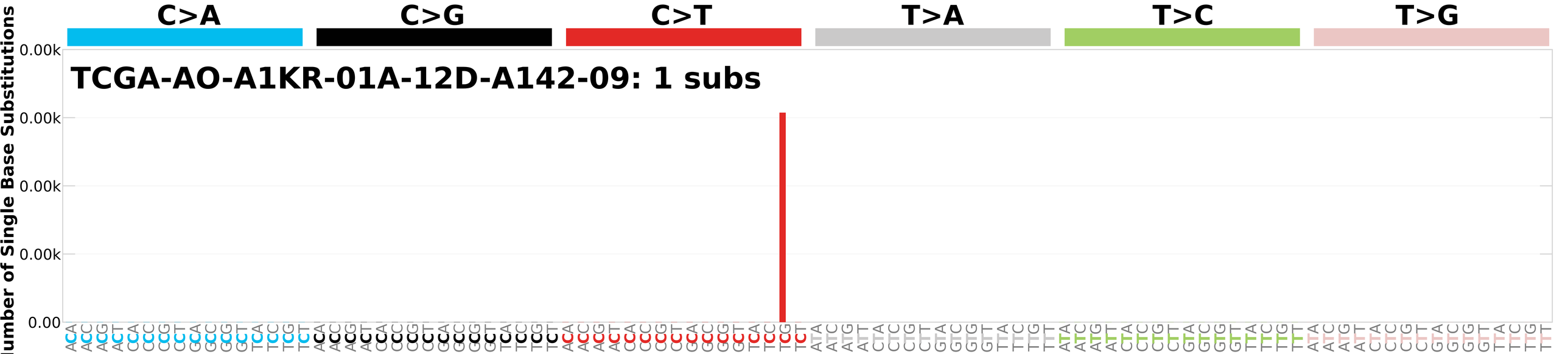
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Number of Single Base Substitutions
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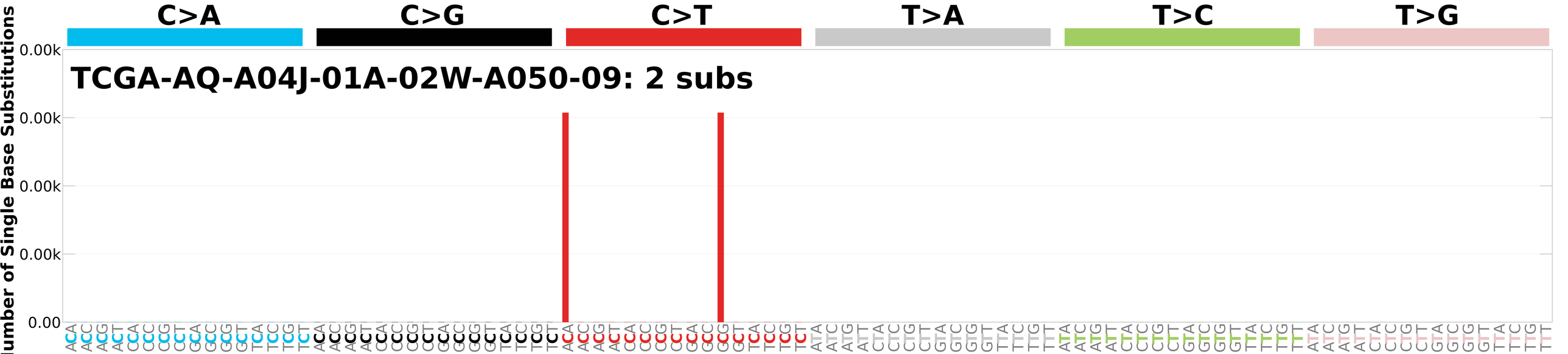
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TCGA-AQ-A04J-01A-02W-A050-09: 2 subs
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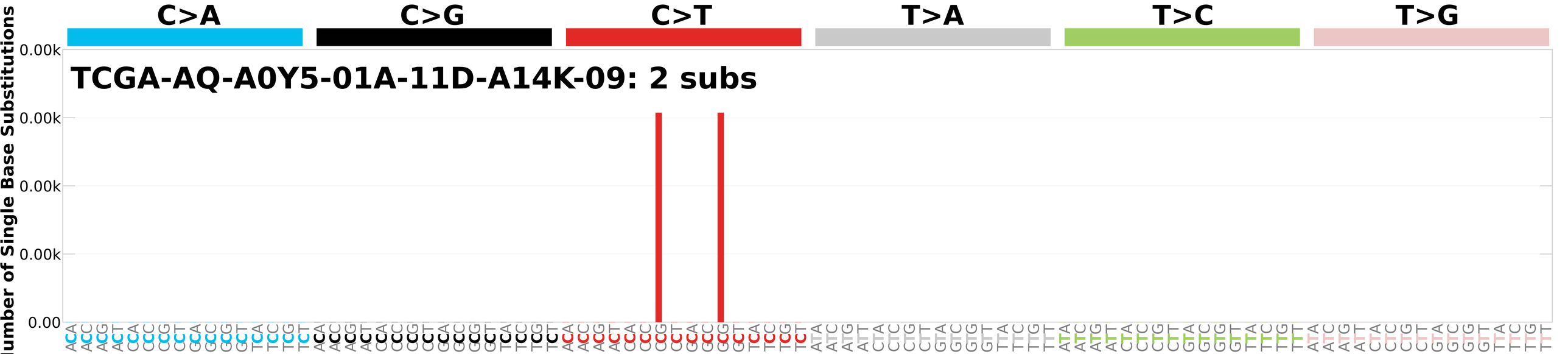
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TCGA-AQ-A0Y5-01A-11D-A14K-09: 2 subs
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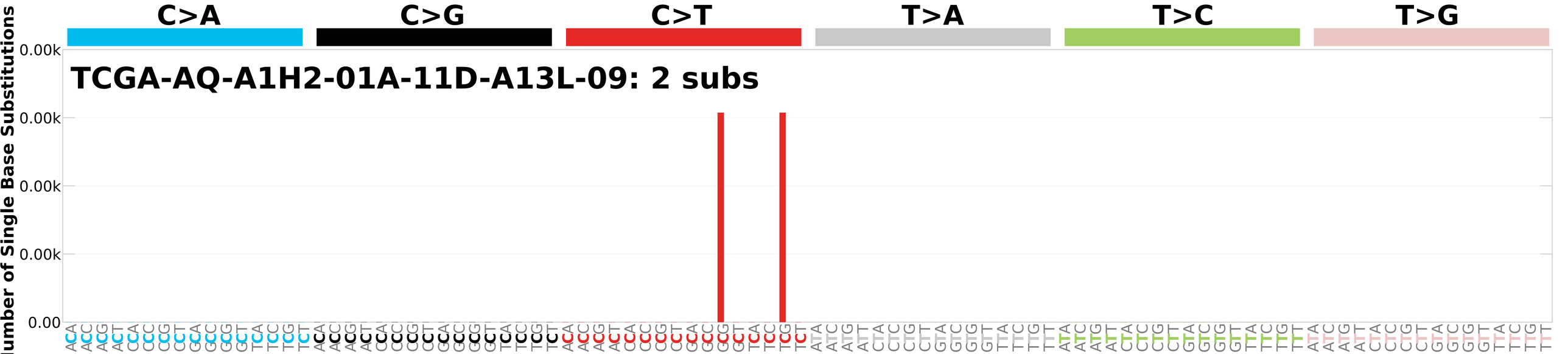
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TCGA-AQ-A1H2-01A-11D-A13L-09: 2 subs
Number of Single Base Substitutions
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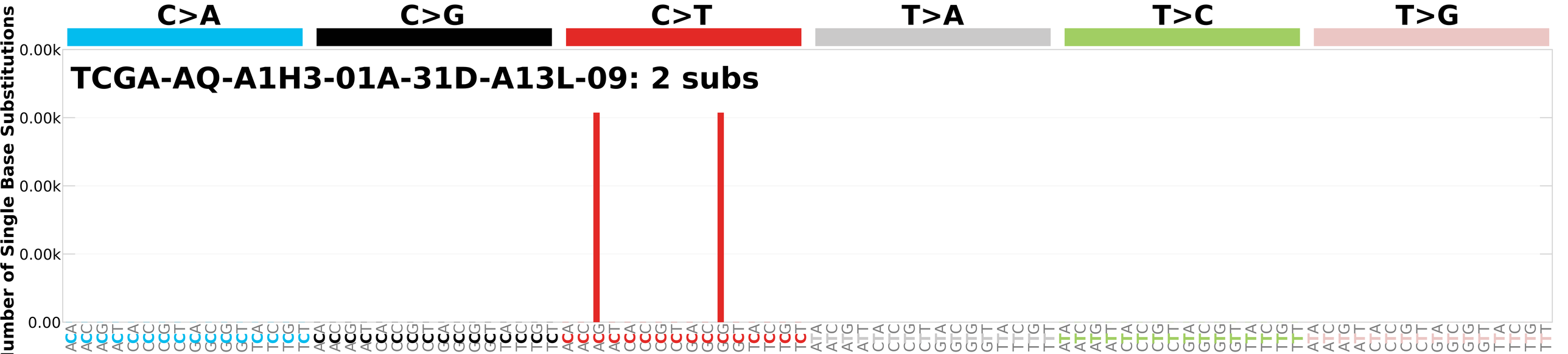
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TCGA-AQ-A1H3-01A-31D-A13L-09: 2 subs
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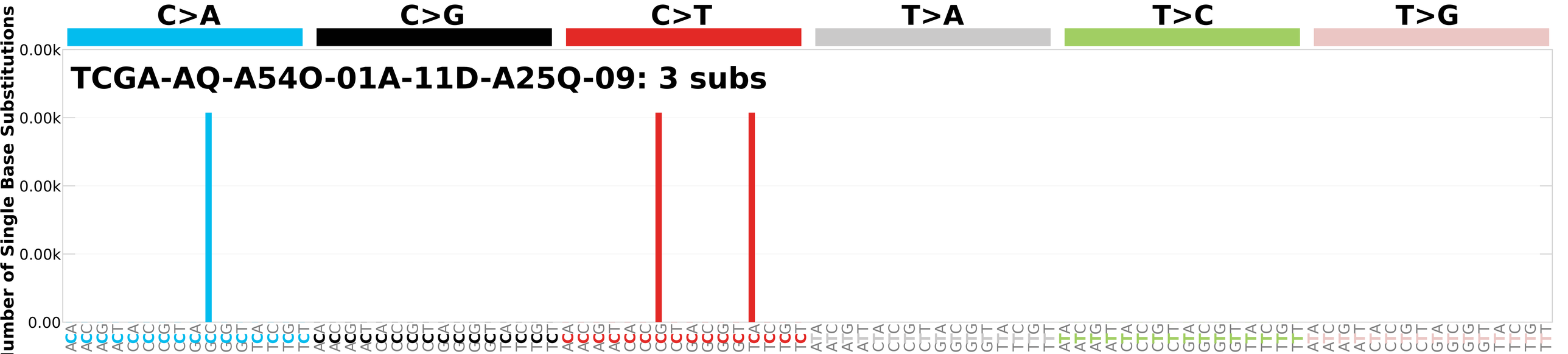
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TCGA-AQ-A54O-01A-11D-A25Q-09: 3 subs
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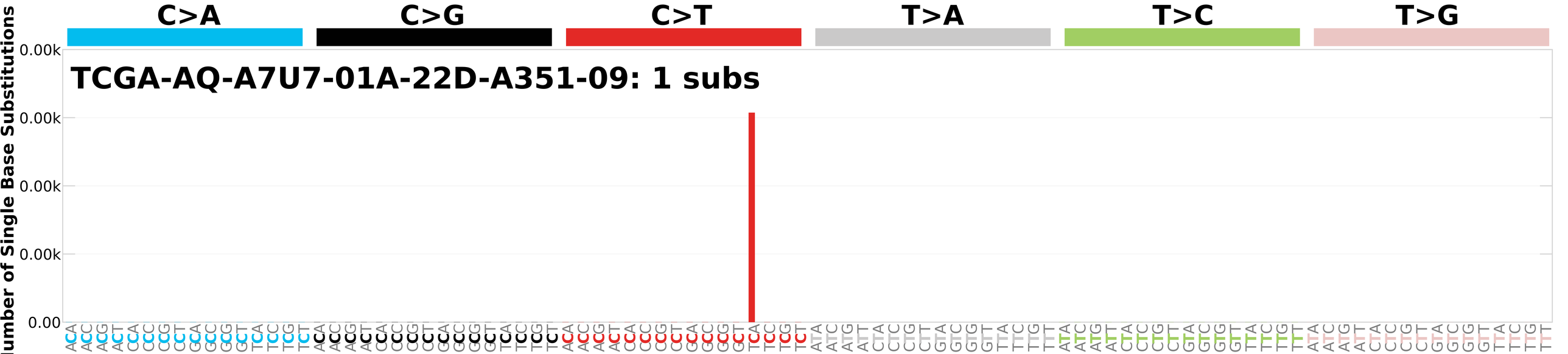
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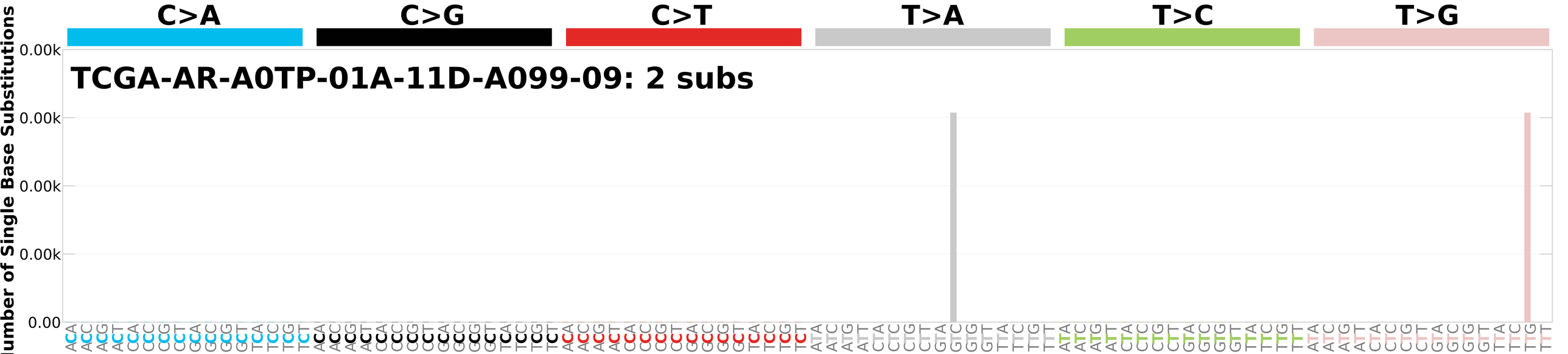
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TCGA-AR-A0TP-01A-11D-A099-09: 2 subs
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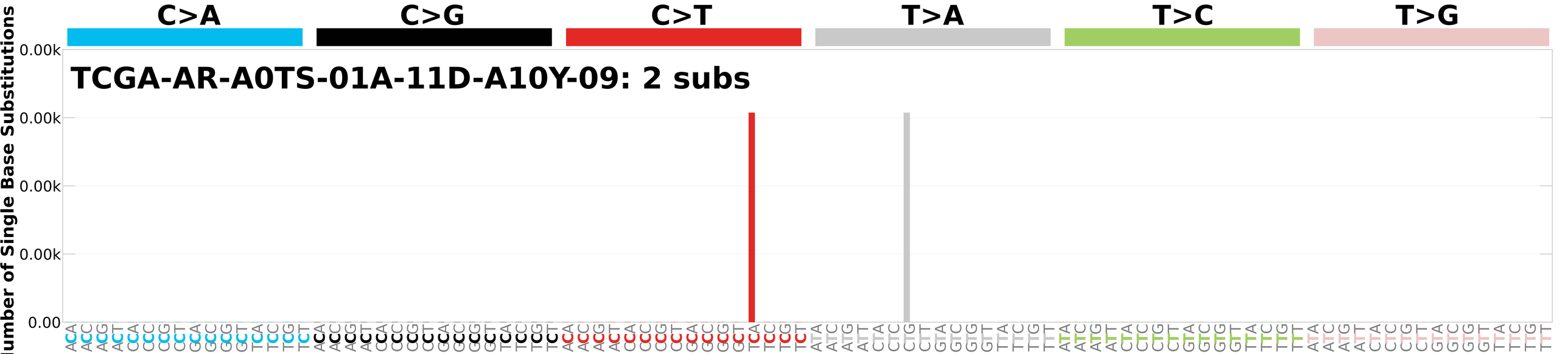
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TCGA-AR-A0TS-01A-11D-A10Y-09: 2 subs
Number of Single Base Substitutions
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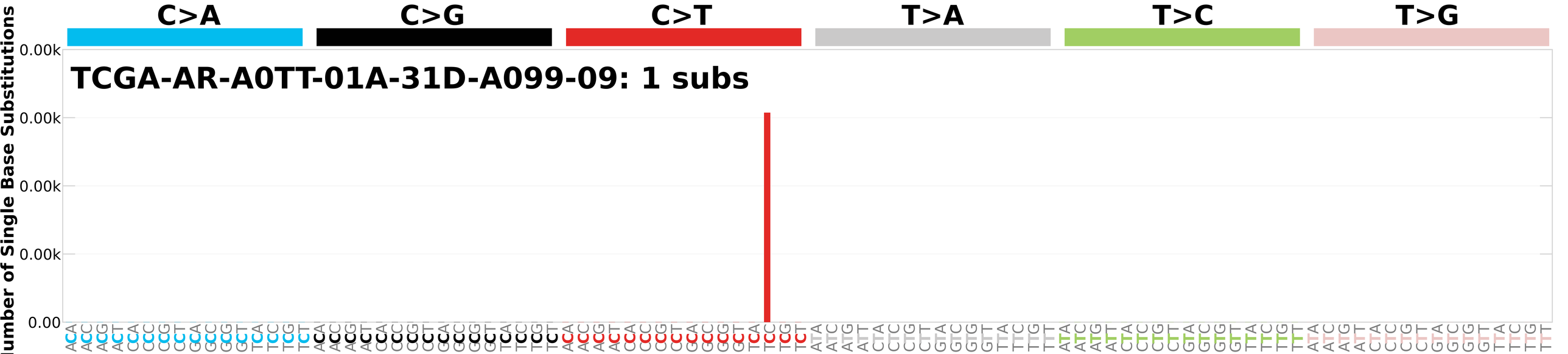
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TCGA-AR-A0TT-01A-31D-A099-09: 1 subs
Number of Single Base Substitutions
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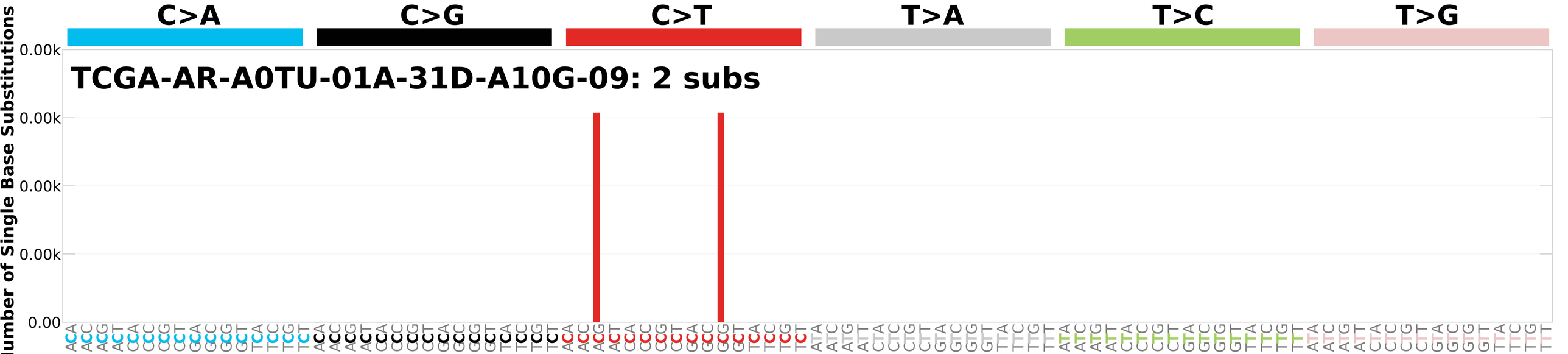
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TCGA-AR-A0TU-01A-31D-A10G-09: 2 subs
Number of Single Base Substitutions
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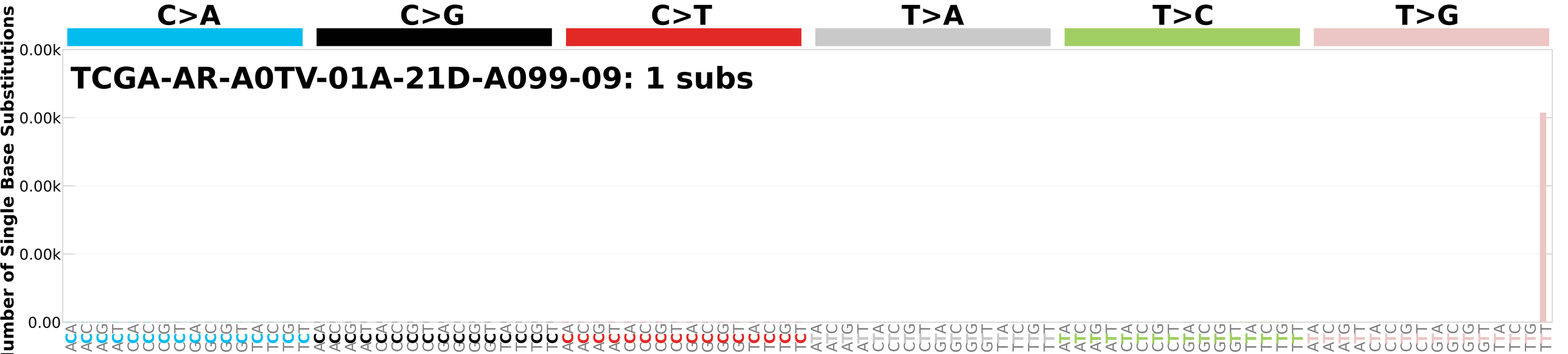
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T>C
T>G
TCGA-AR-A0TV-01A-21D-A099-09: 1 subs
Number of Single Base Substitutions
0.00k
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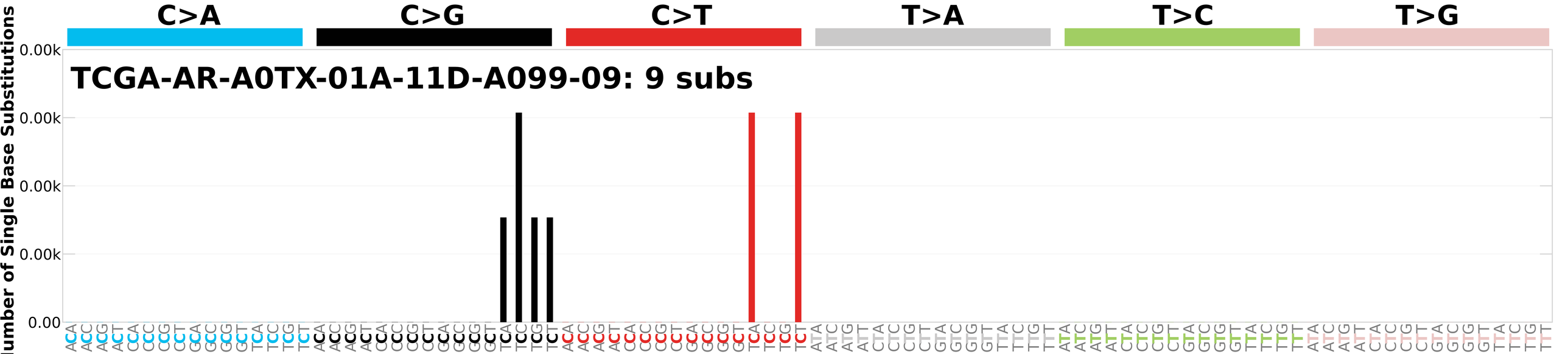
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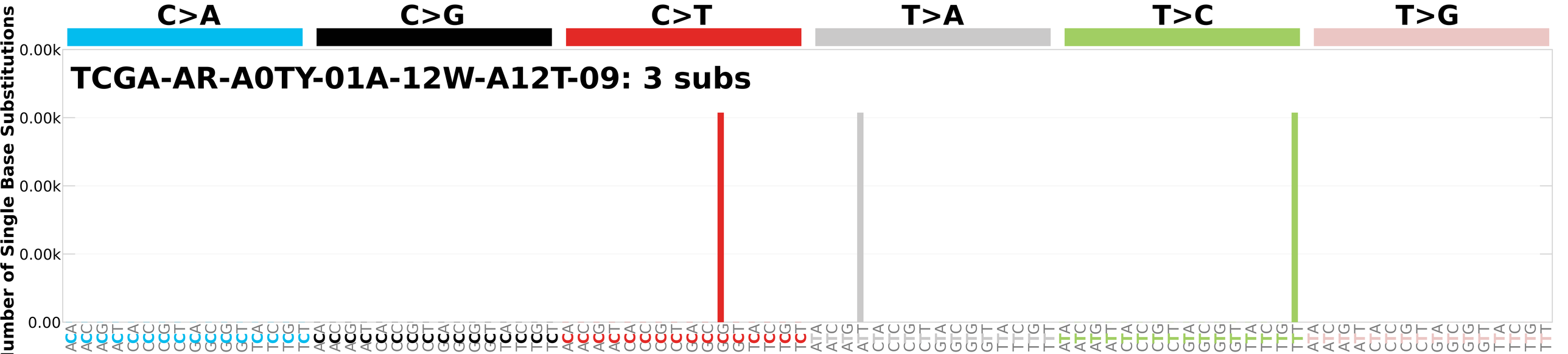
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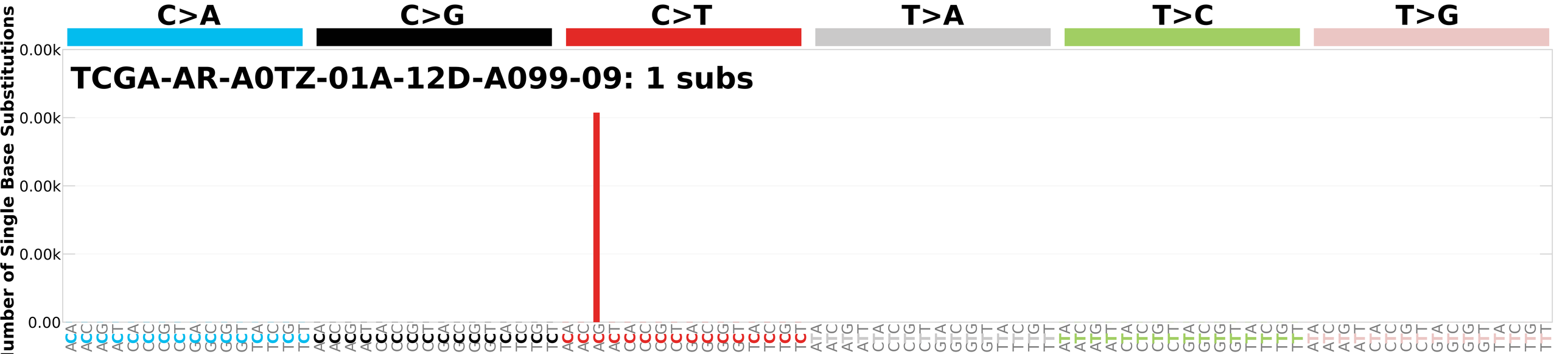
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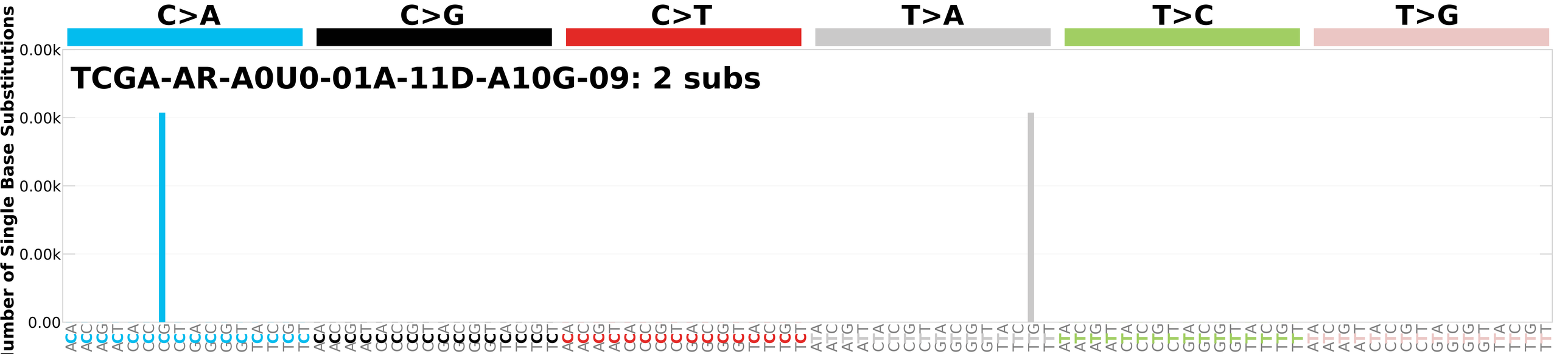
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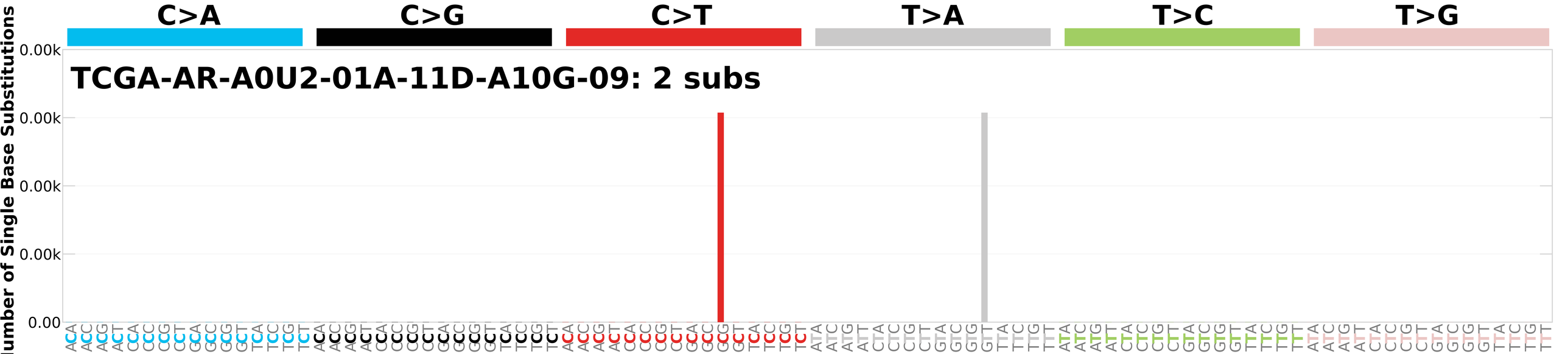
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TCGA-AR-A0U2-01A-11D-A10G-09: 2 subs
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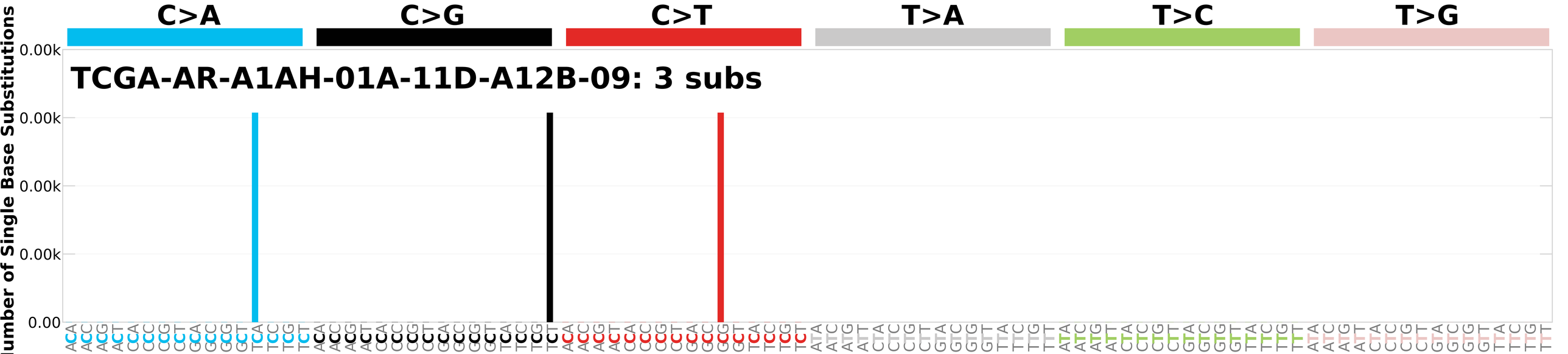
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TCGA-AR-A1AH-01A-11D-A12B-09: 3 subs
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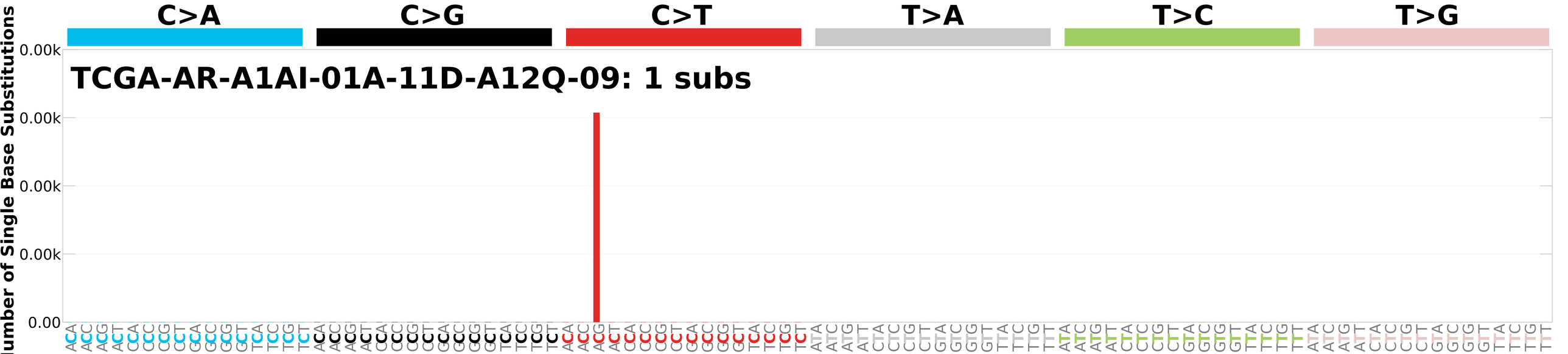
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TCGA-AR-A1AI-01A-11D-A12Q-09: 1 subs
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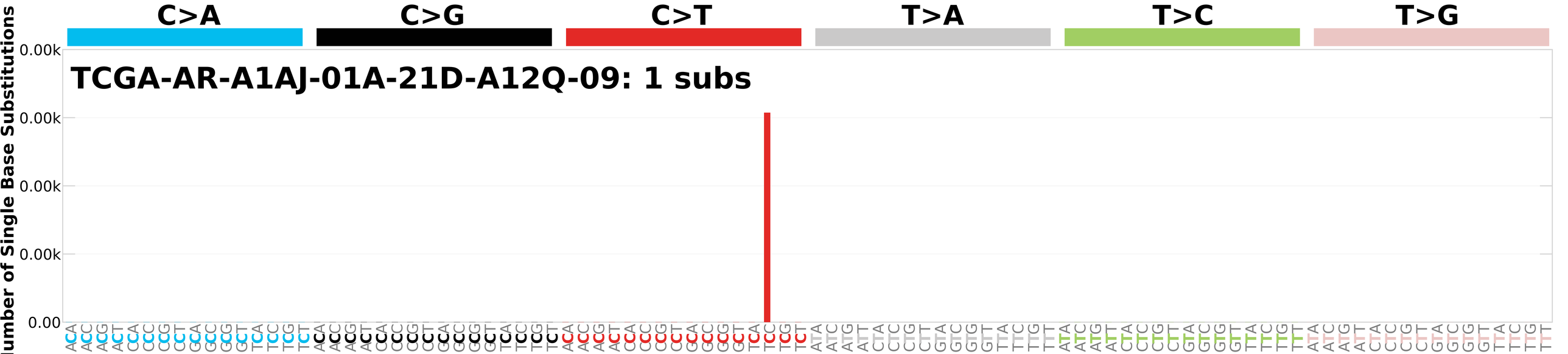
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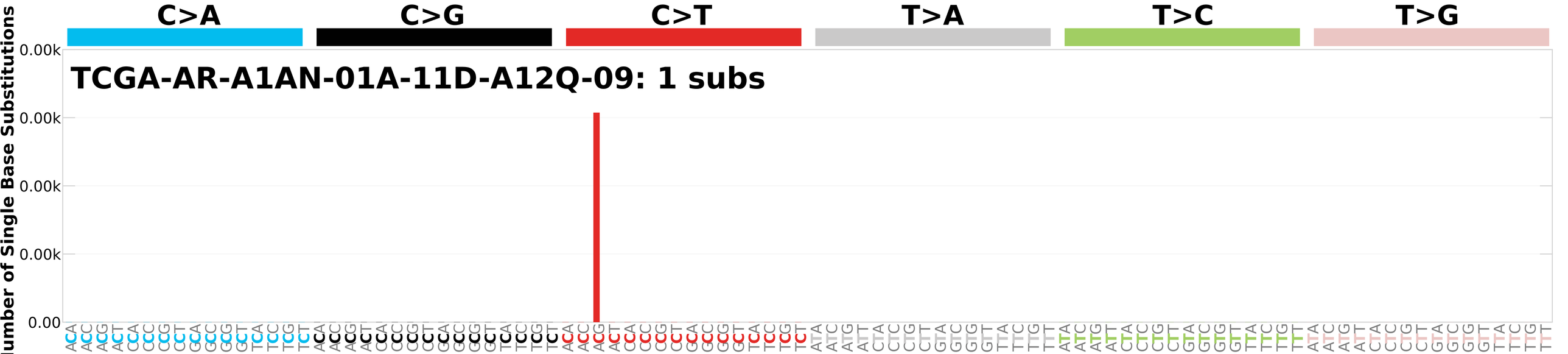
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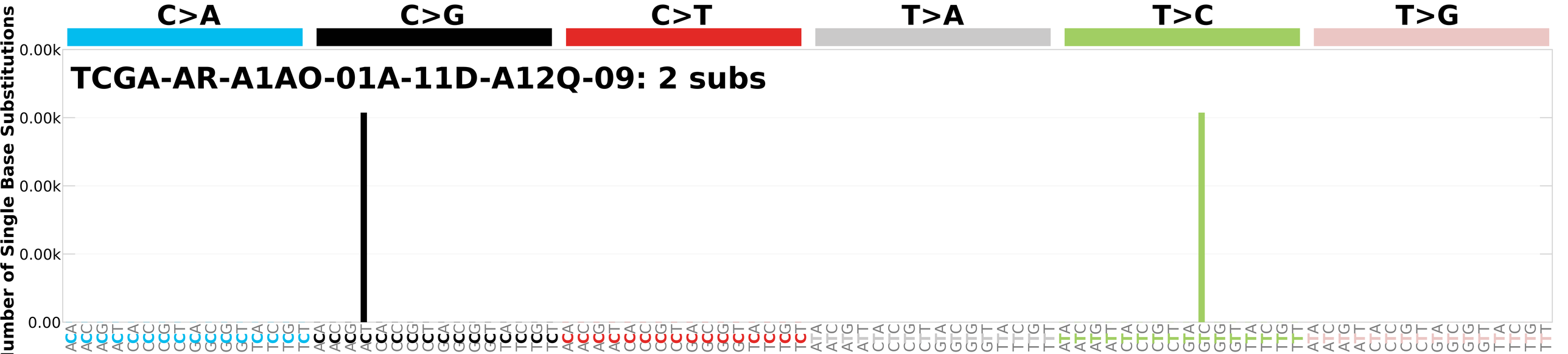
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TCGA-AR-A1AO-01A-11D-A12Q-09: 2 subs
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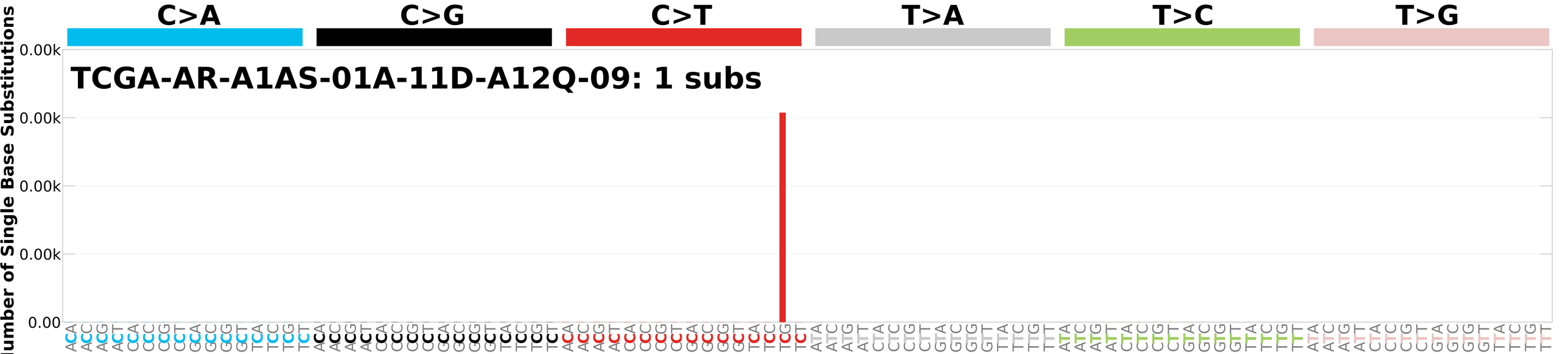
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TCGA-AR-A1AS-01A-11D-A12Q-09: 1 subs
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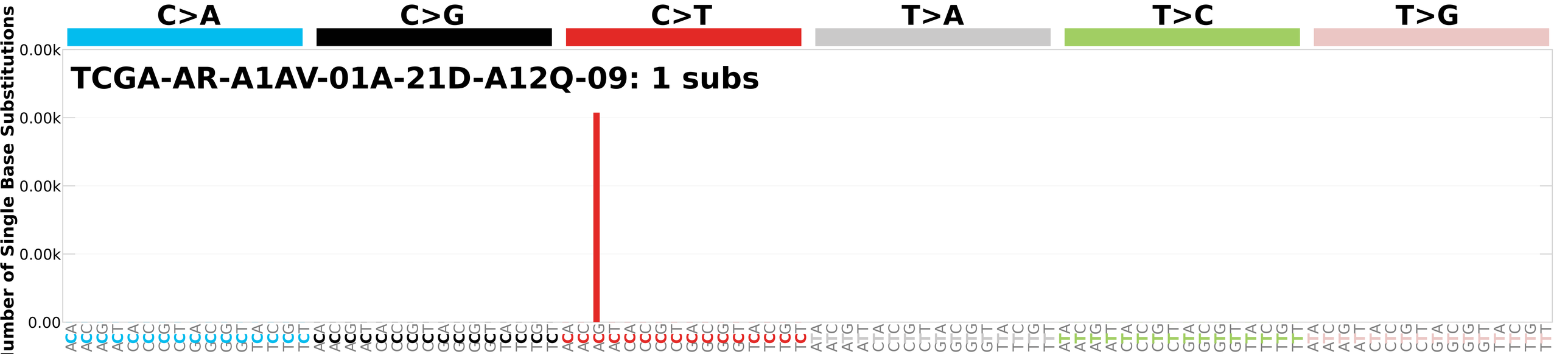
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TCGA-AR-A1AV-01A-21D-A12Q-09: 1 subs
Number of Single Base Substitutions
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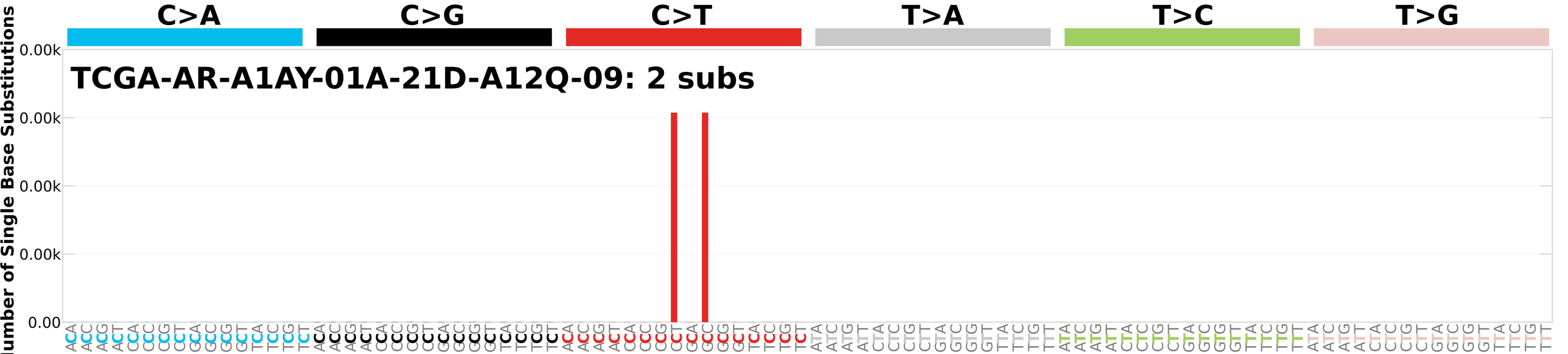
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TCGA-AR-A1AY-01A-21D-A12Q-09: 2 subs
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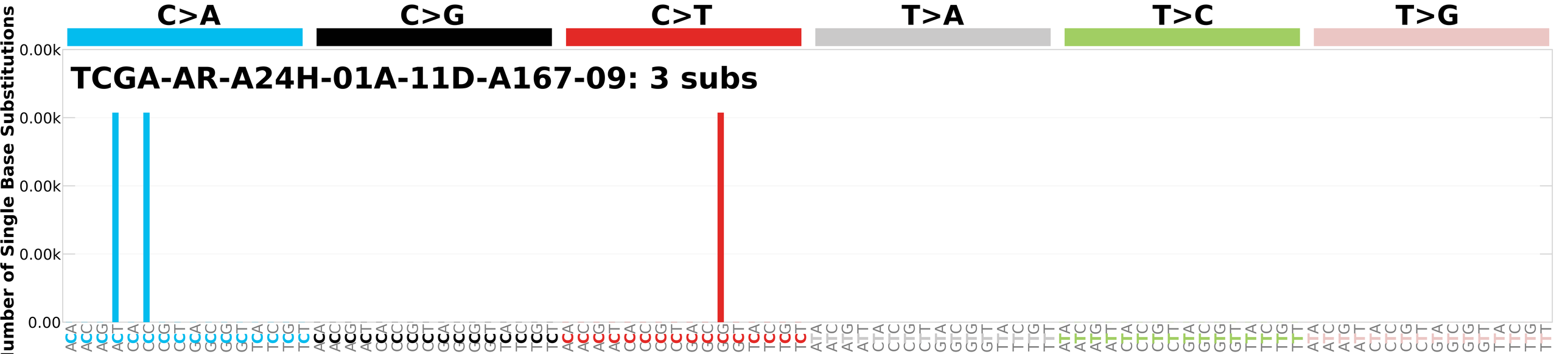
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TCGA-AR-A24H-01A-11D-A167-09: 3 subs
Number of Single Base Substitutions
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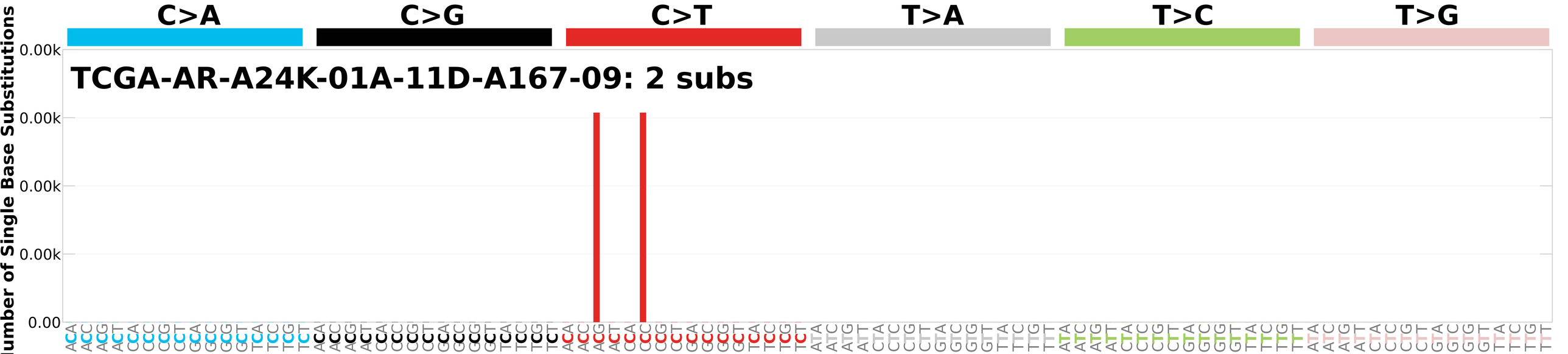
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TCGA-AR-A24K-01A-11D-A167-09: 2 subs
Number of Single Base Substitutions
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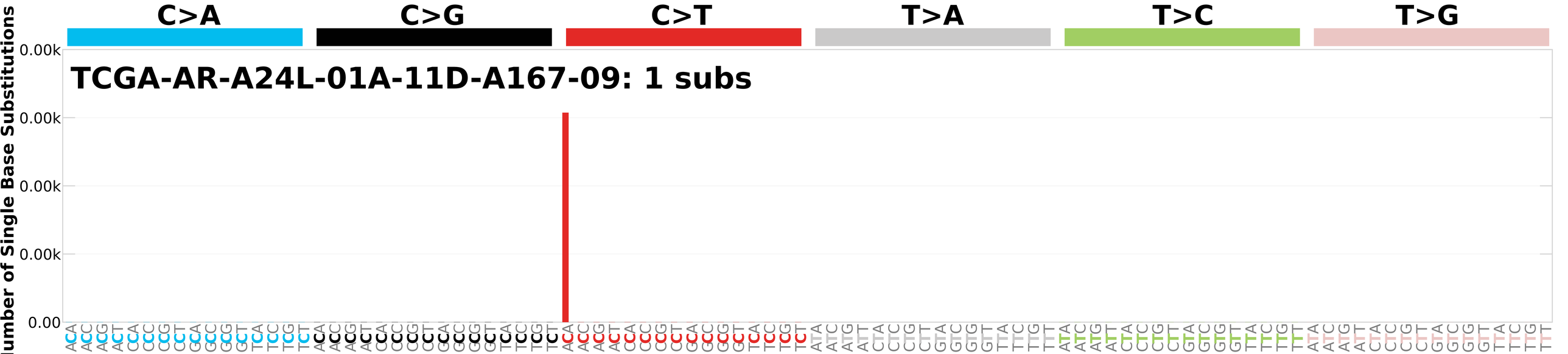
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Number of Single Base Substitutions
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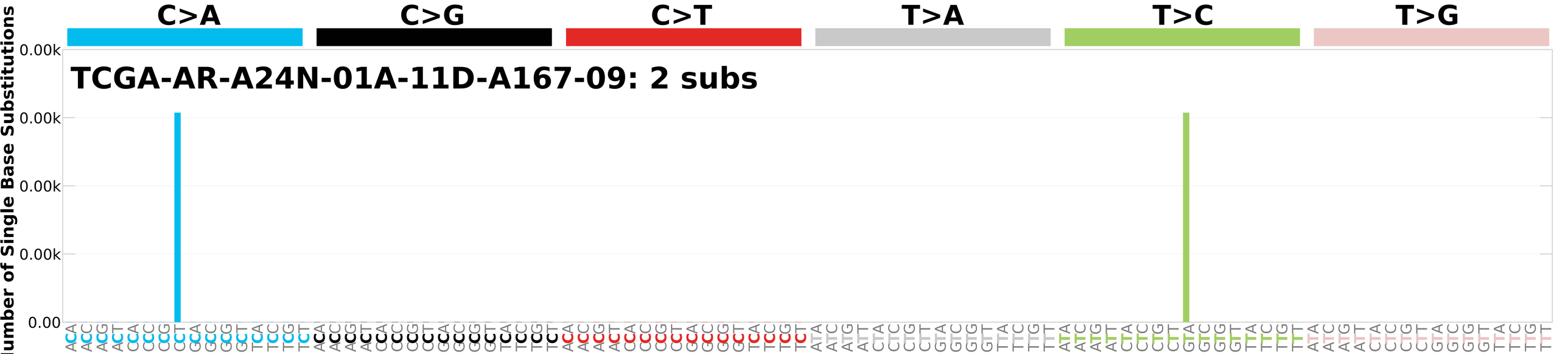
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TCGA-AR-A24N-01A-11D-A167-09: 2 subs
Number of Single Base Substitutions
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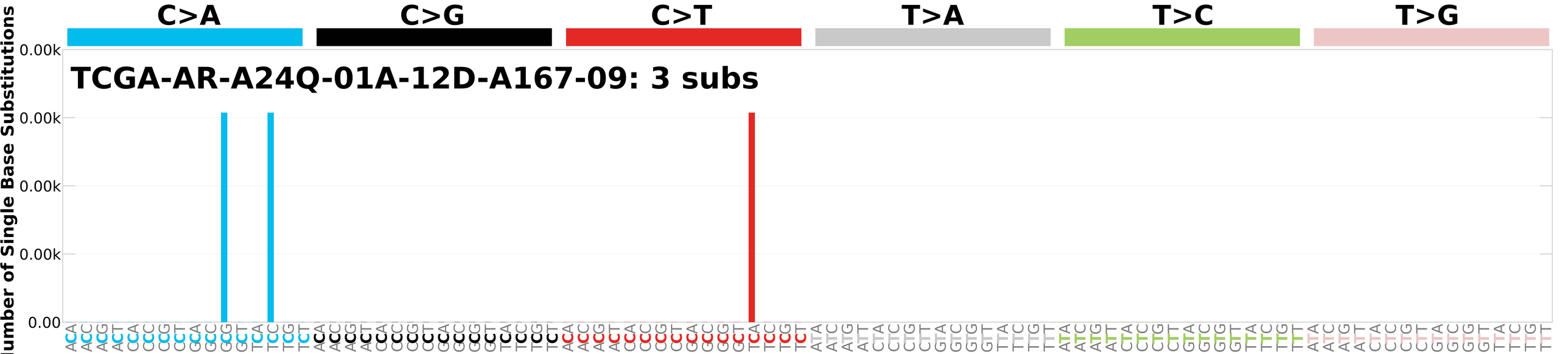
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TCGA-AR-A24Q-01A-12D-A167-09: 3 subs
Number of Single Base Substitutions
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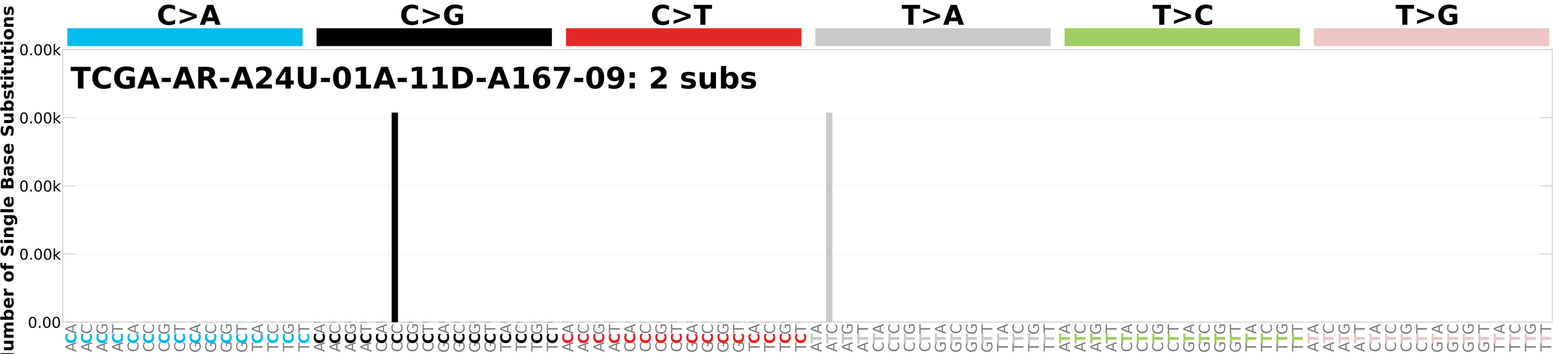
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TCGA-AR-A24U-01A-11D-A167-09: 2 subs
Number of Single Base Substitutions
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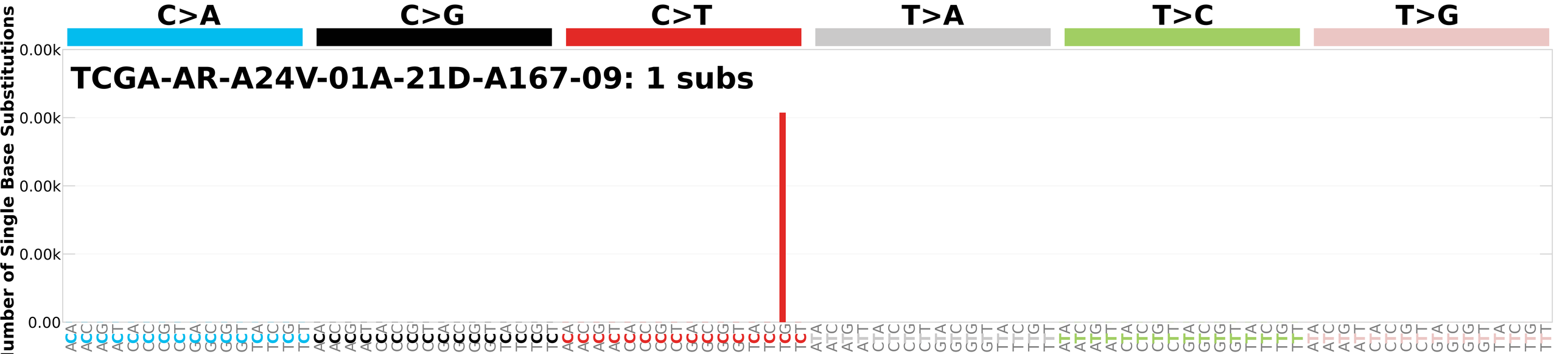
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TCGA-AR-A24V-01A-21D-A167-09: 1 subs
Number of Single Base Substitutions
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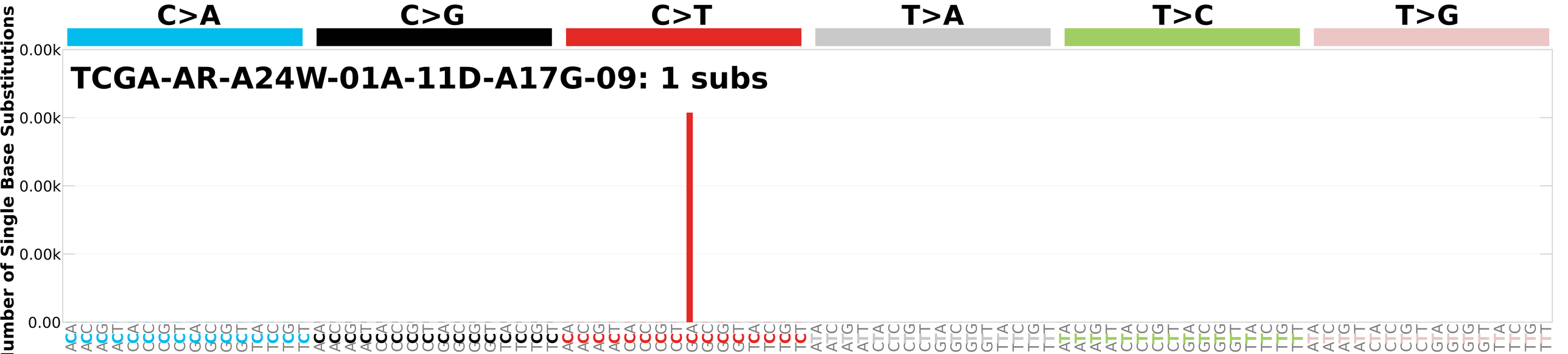
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Number of Single Base Substitutions
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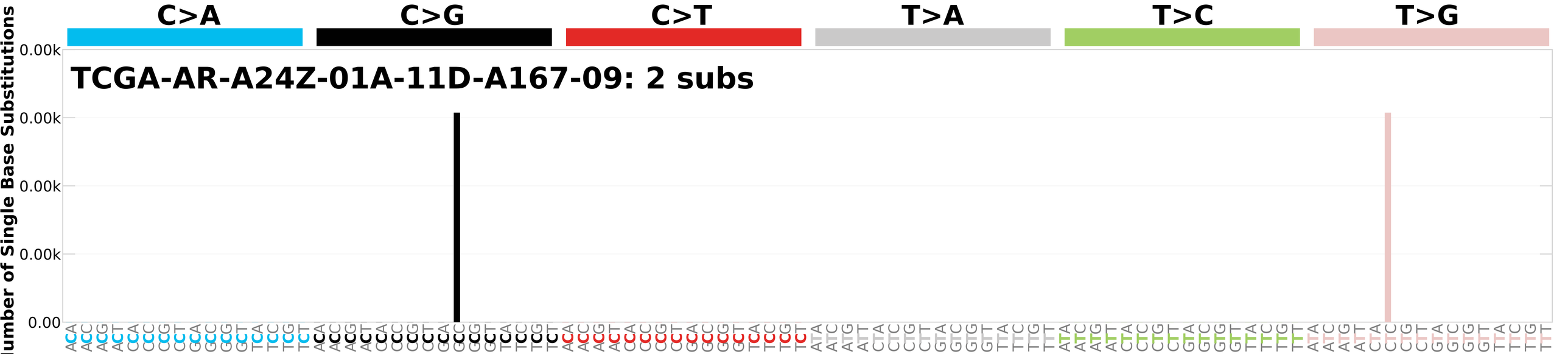
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TCGA-AR-A24Z-01A-11D-A167-09: 2 subs
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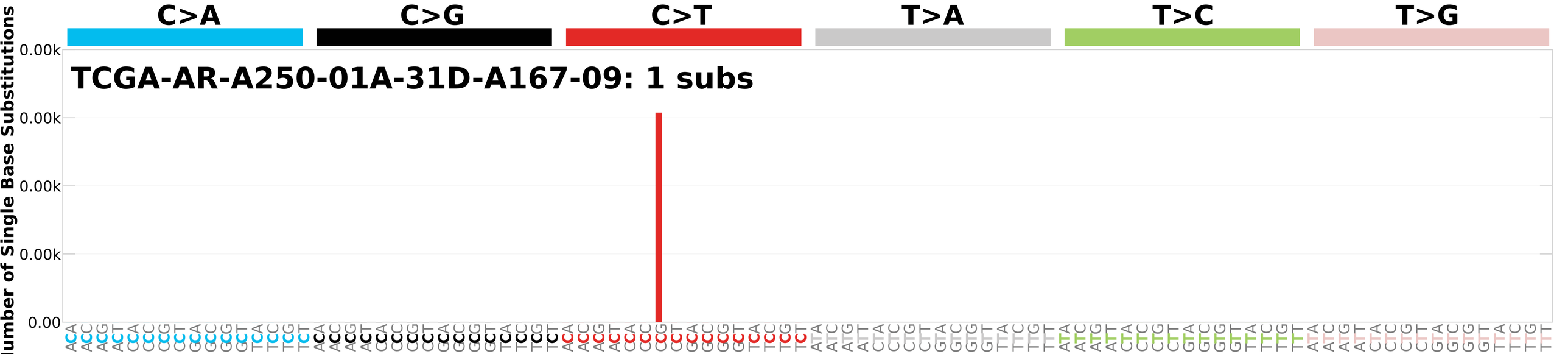
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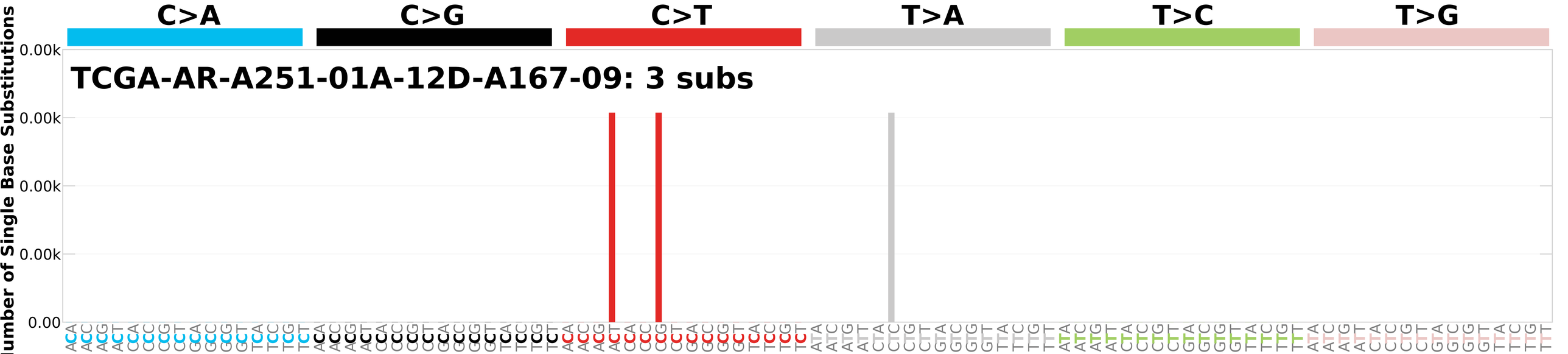
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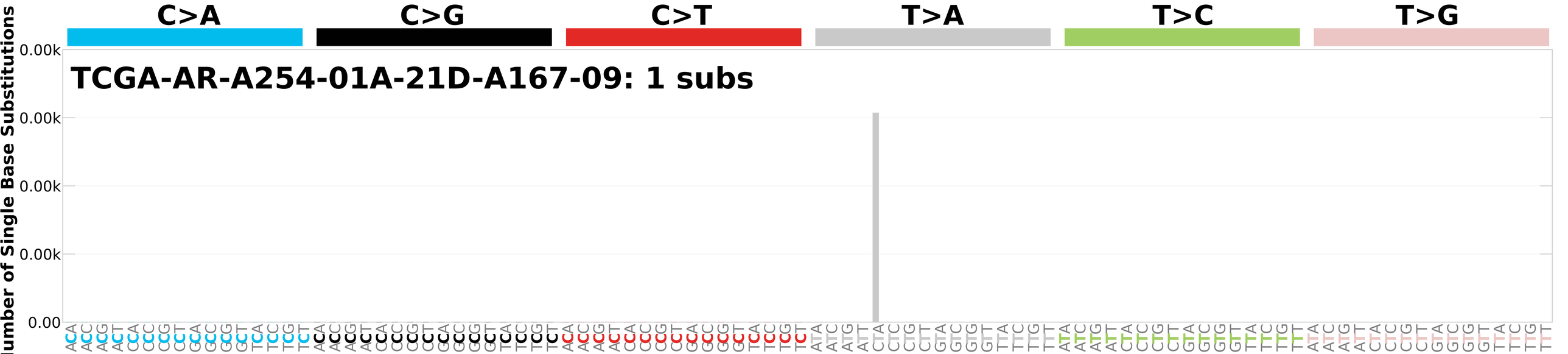
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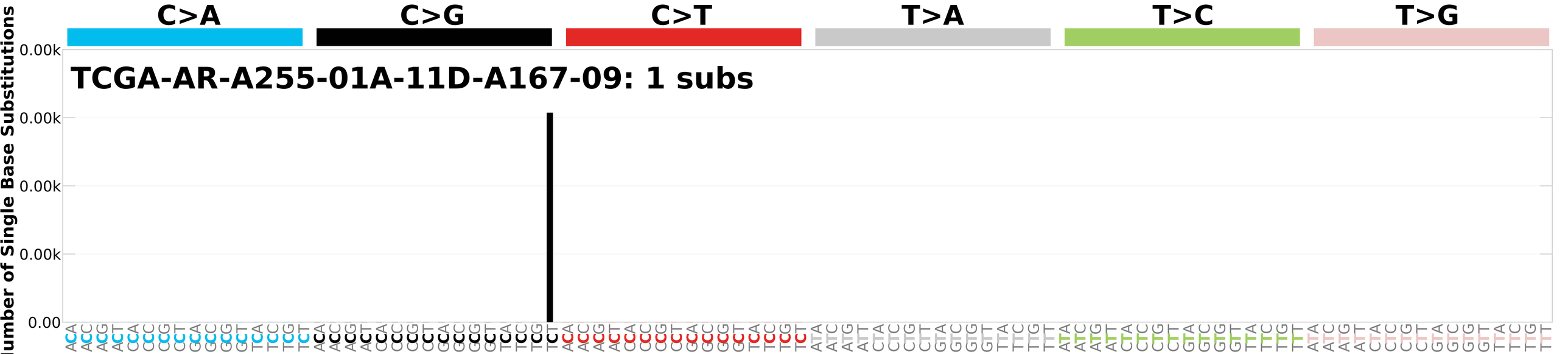
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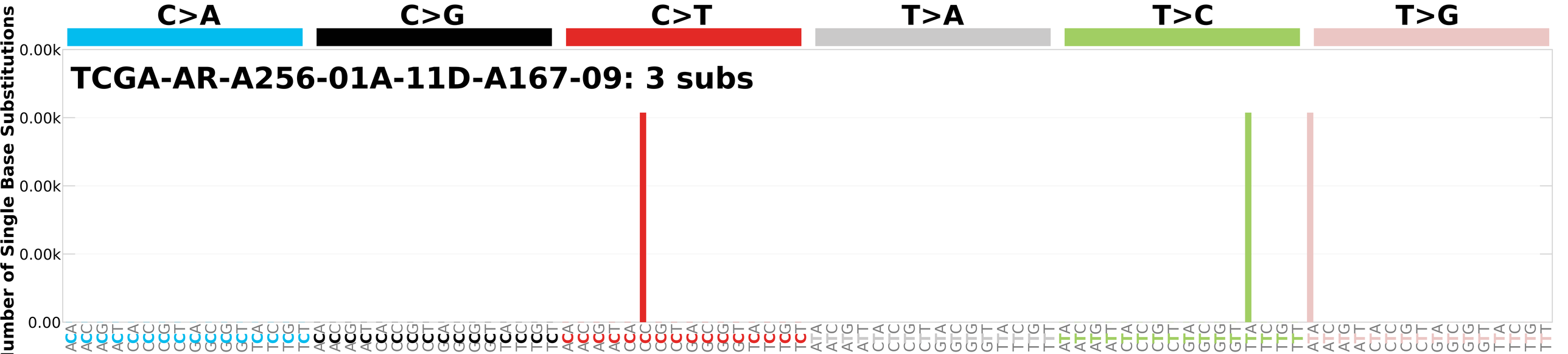
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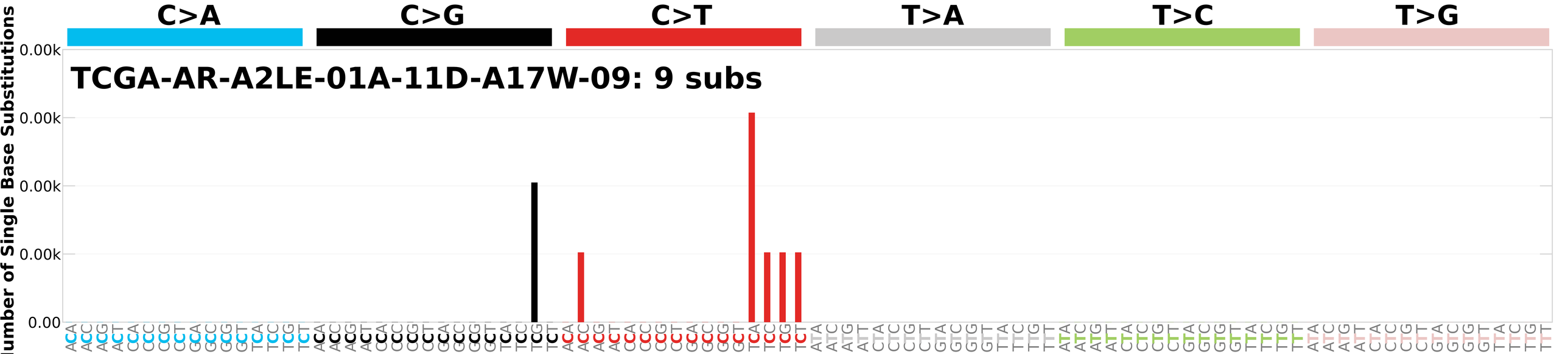
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TCGA-AR-A2LE-01A-11D-A17W-09: 9 subs
Number of Single Base Substitutions
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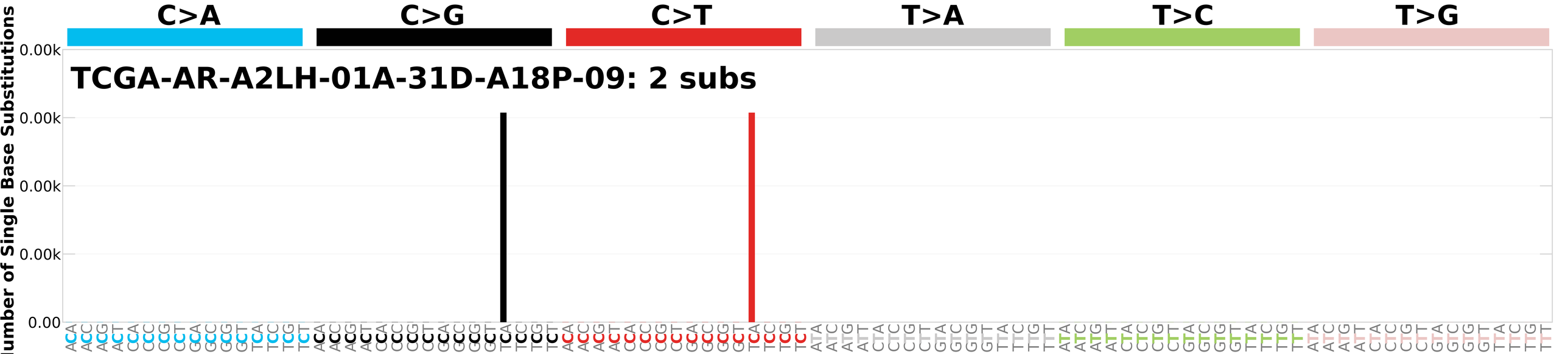
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Number of Single Base Substitutions
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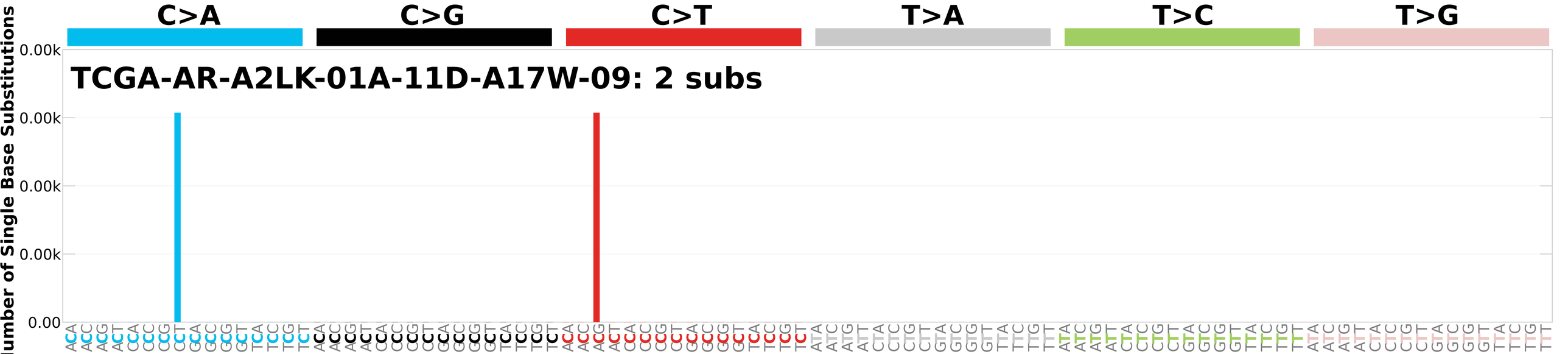
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TCGA-AR-A2LK-01A-11D-A17W-09: 2 subs
Number of Single Base Substitutions
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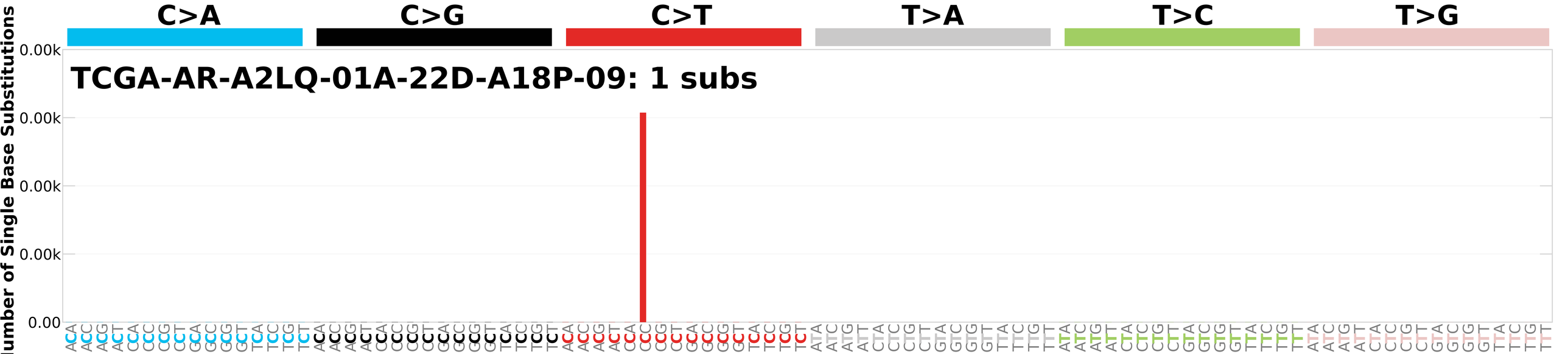
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Number of Single Base Substitutions
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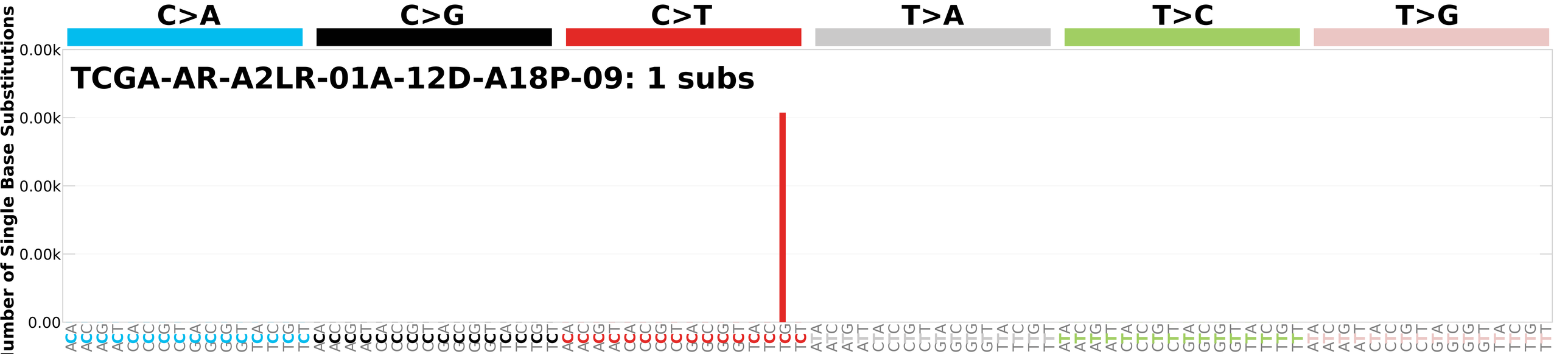
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TCGA-AR-A2LR-01A-12D-A18P-09: 1 subs
Number of Single Base Substitutions
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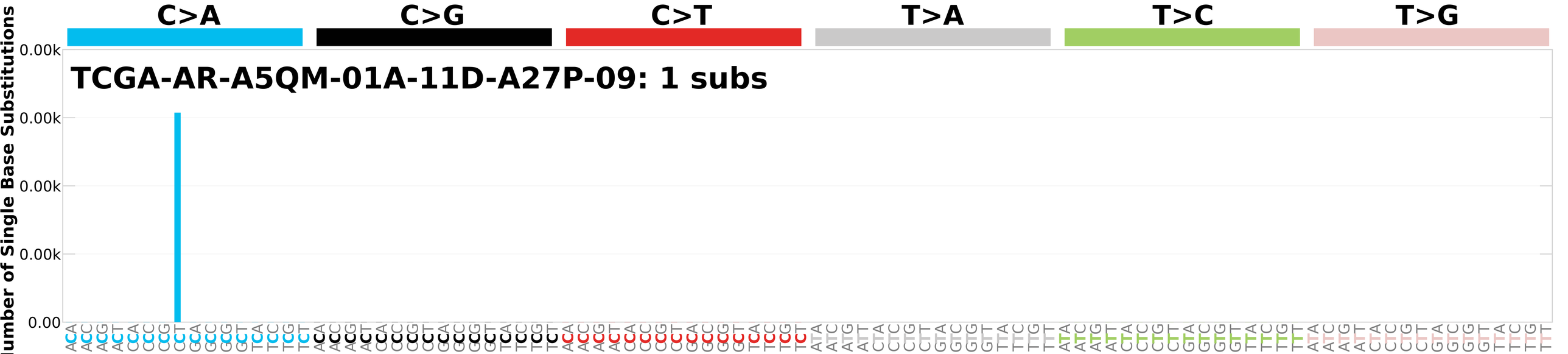
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TCGA-AR-A5QM-01A-11D-A27P-09: 1 subs
Number of Single Base Substitutions
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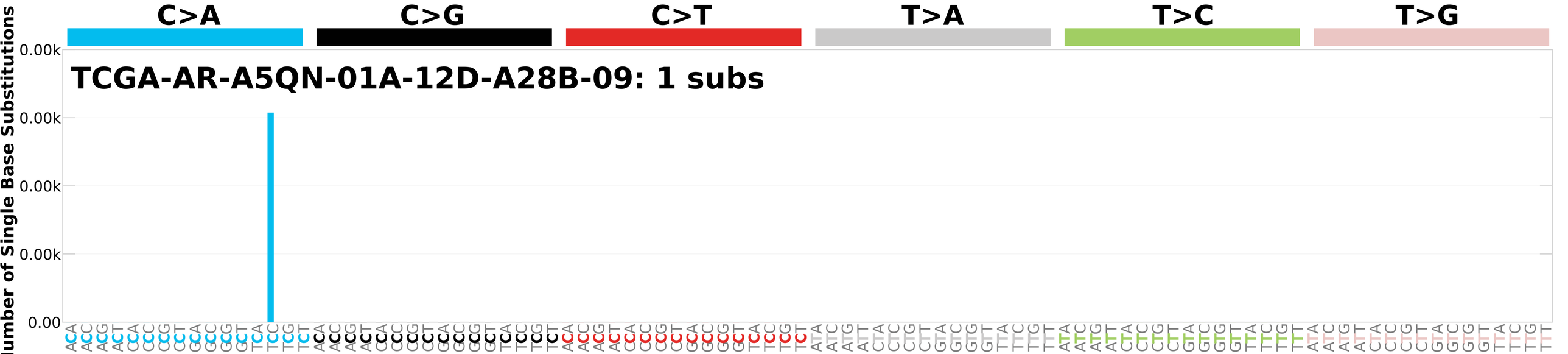
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TCGA-AR-A5QN-01A-12D-A28B-09: 1 subs
Number of Single Base Substitutions
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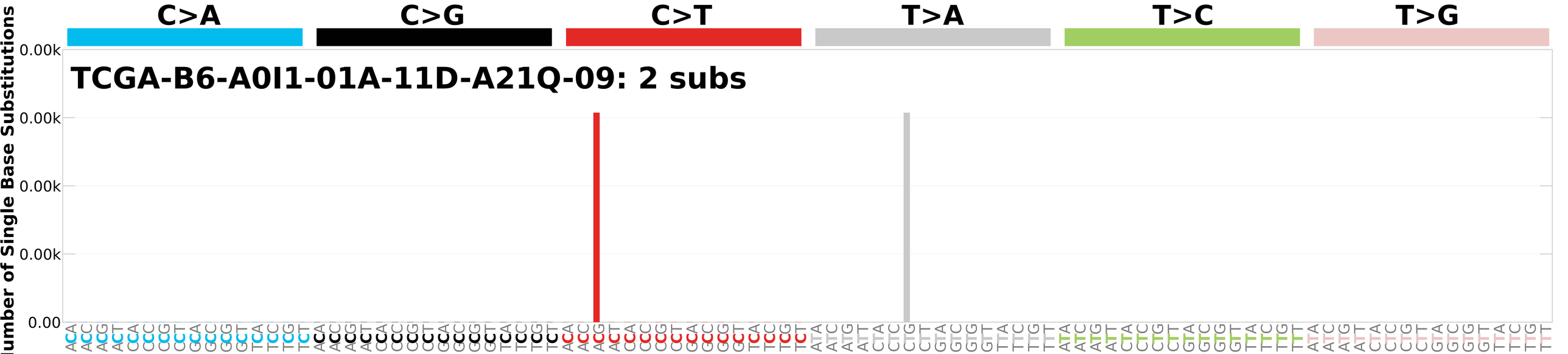
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TCGA-B6-A0I1-01A-11D-A21Q-09: 2 subs
Number of Single Base Substitutions
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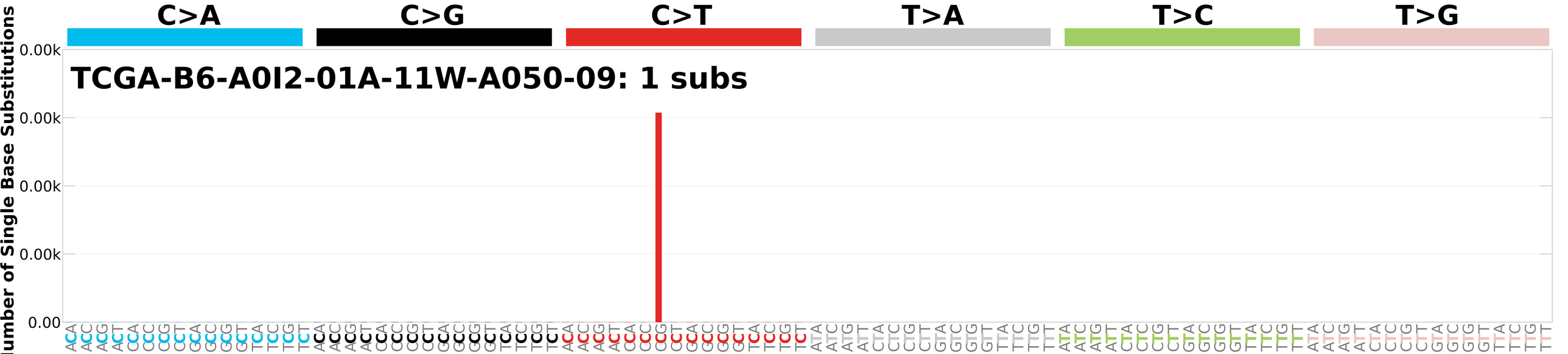
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TCGA-B6-A0I2-01A-11W-A050-09: 1 subs
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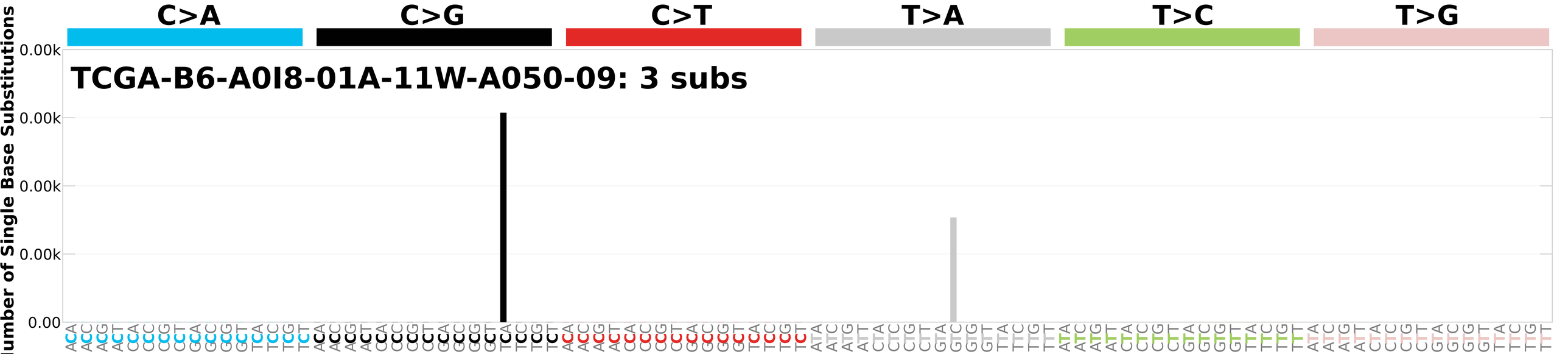
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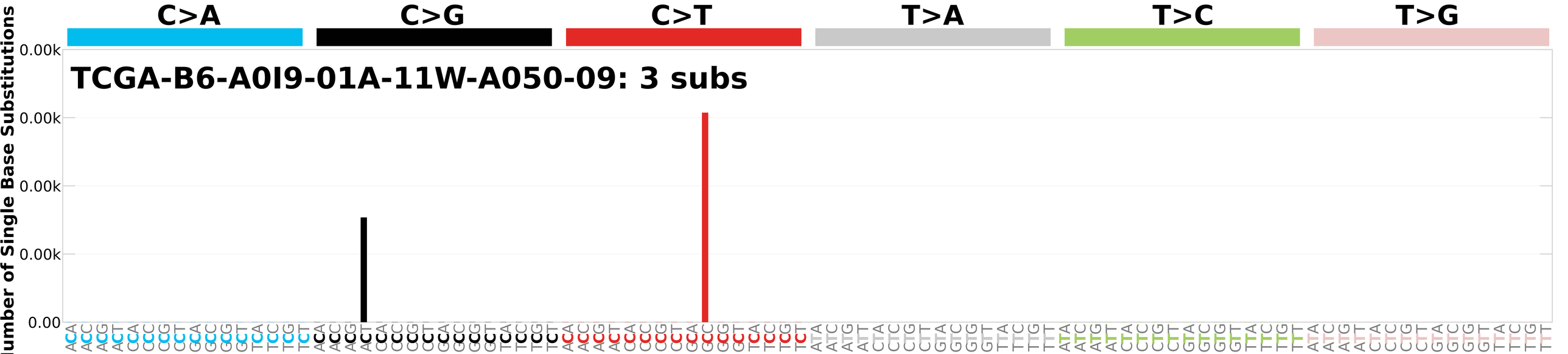
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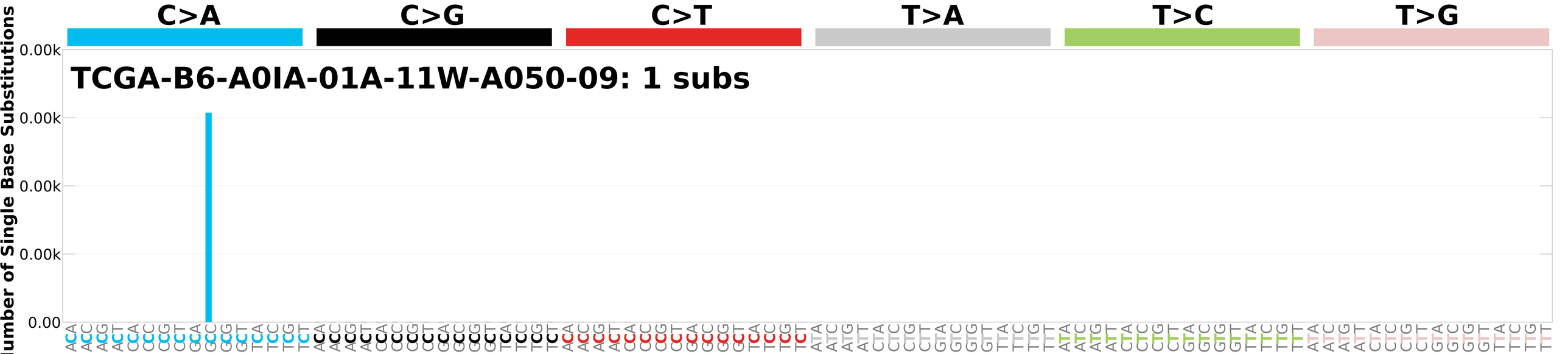
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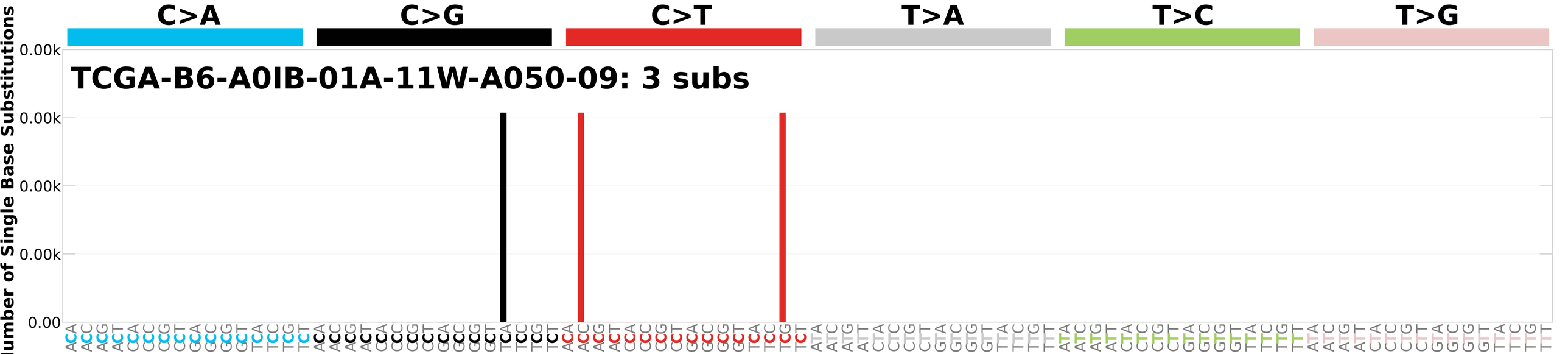
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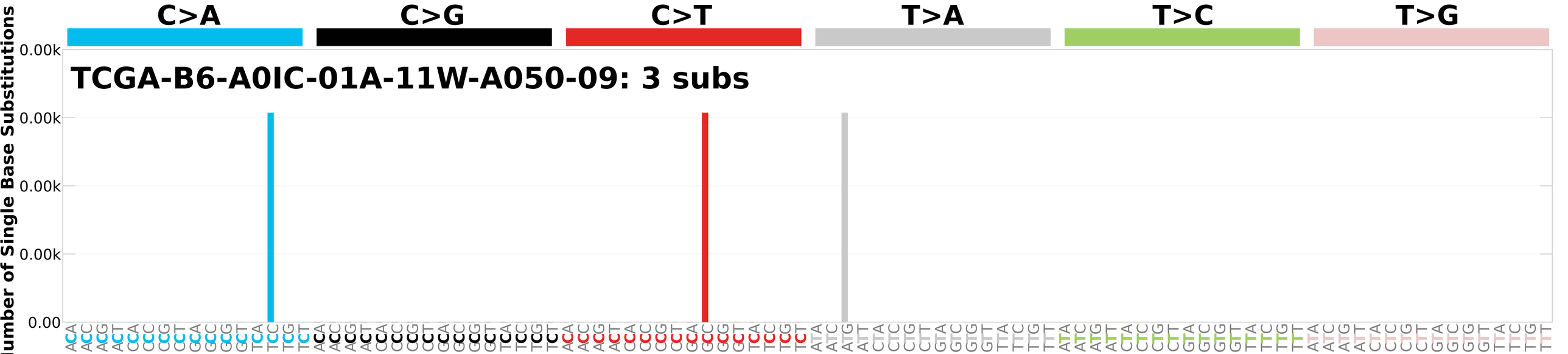
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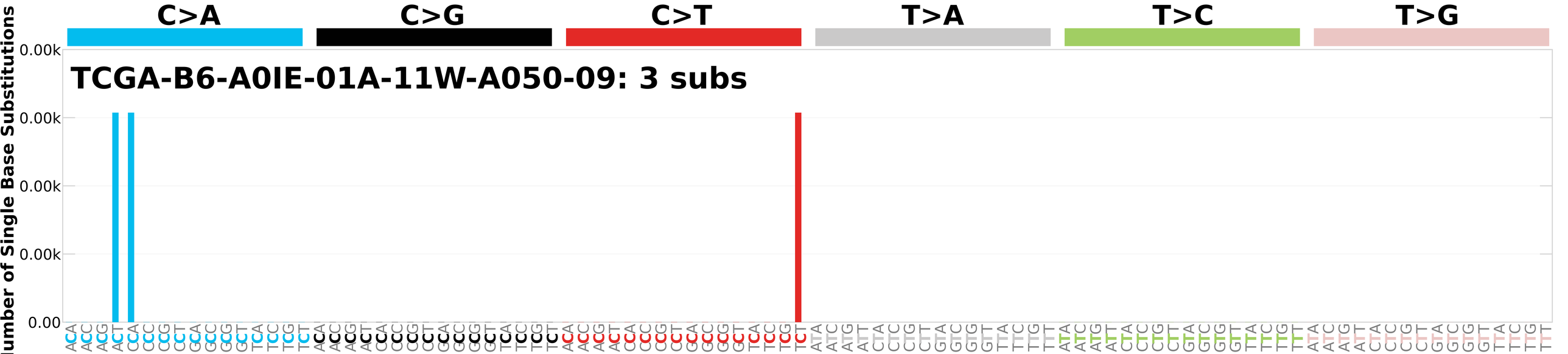
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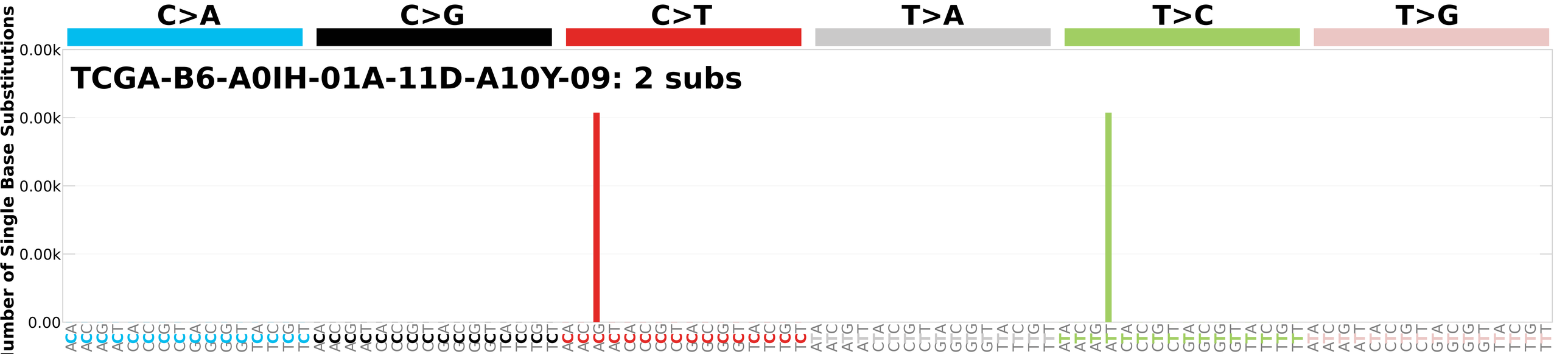
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TCGA-B6-A0IH-01A-11D-A10Y-09: 2 subs
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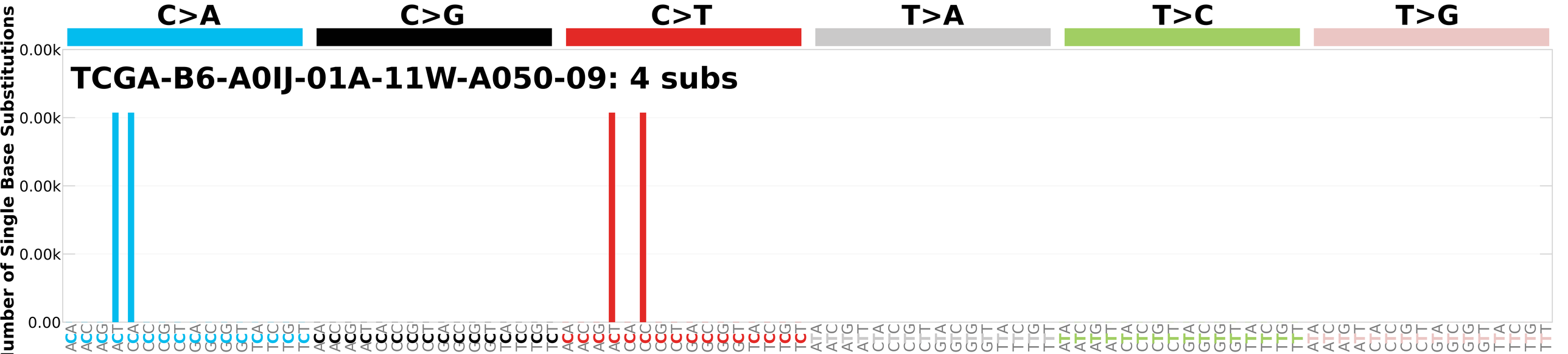
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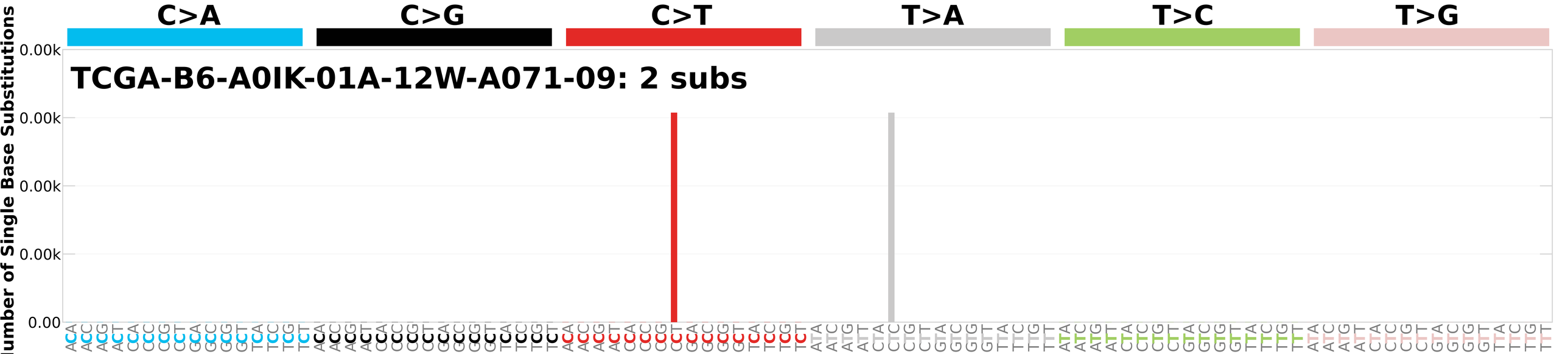
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TCGA-B6-A0IK-01A-12W-A071-09: 2 subs
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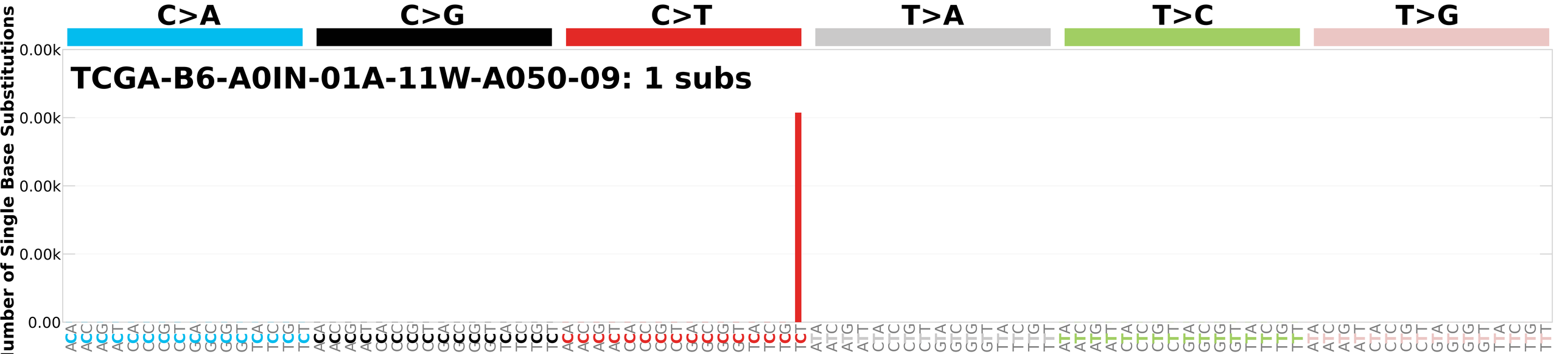
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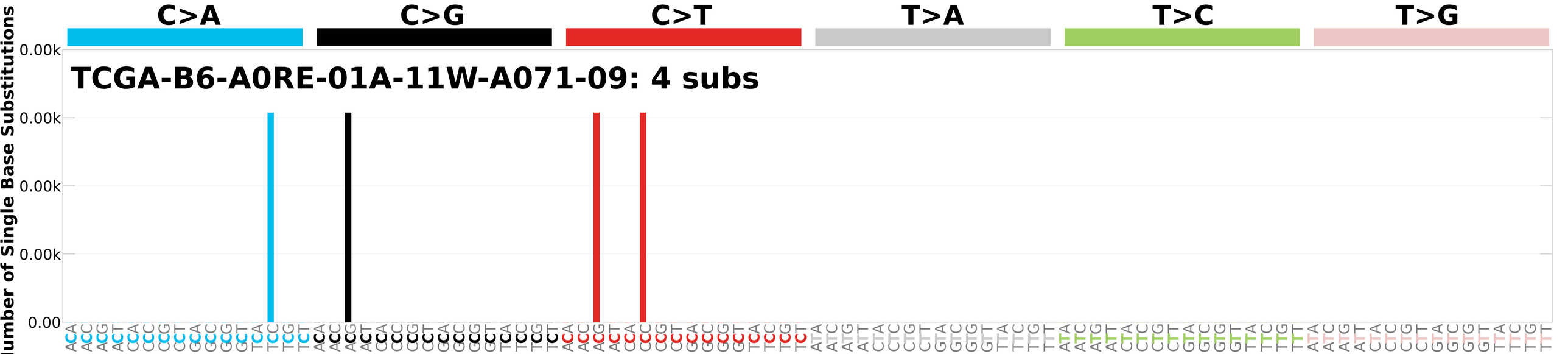
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TCGA-B6-A0RE-01A-11W-A071-09: 4 subs
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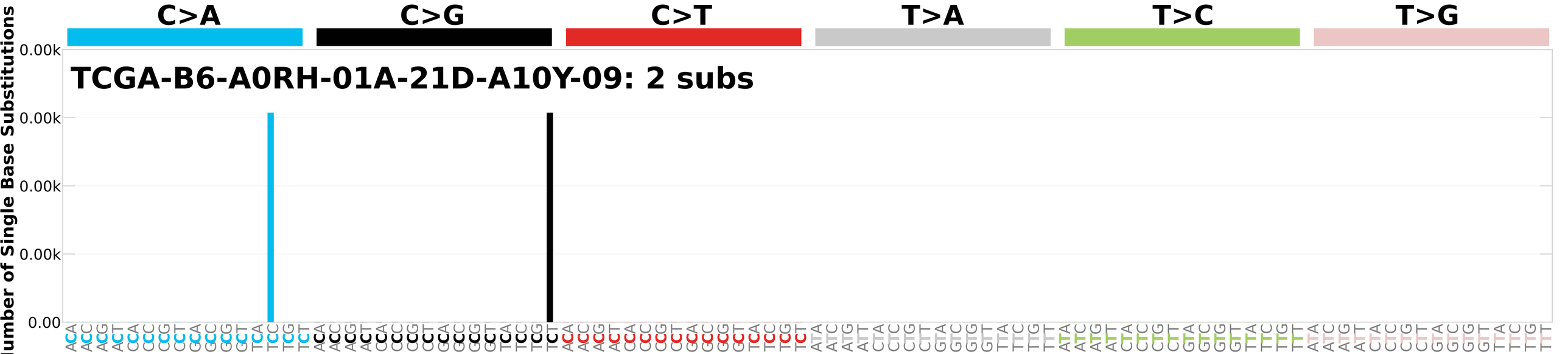
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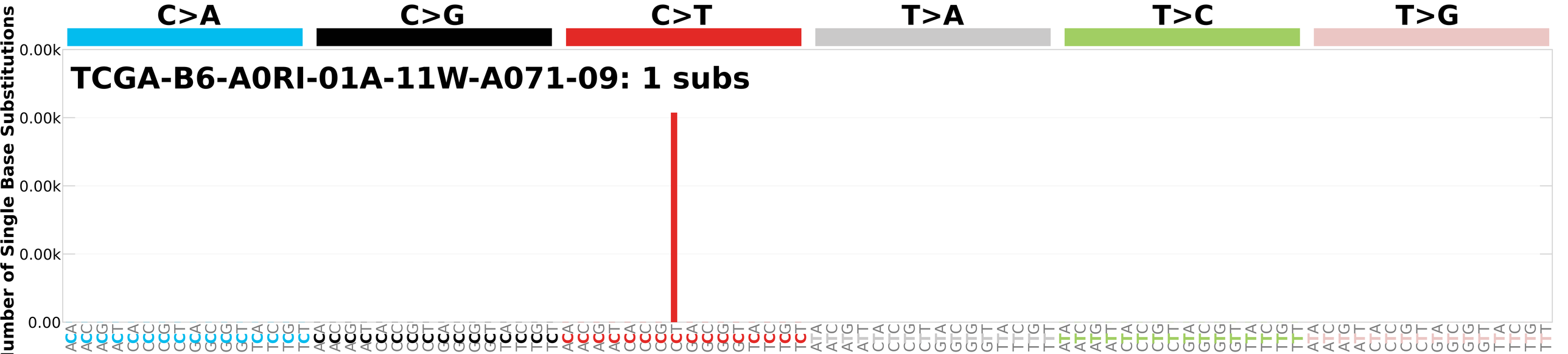
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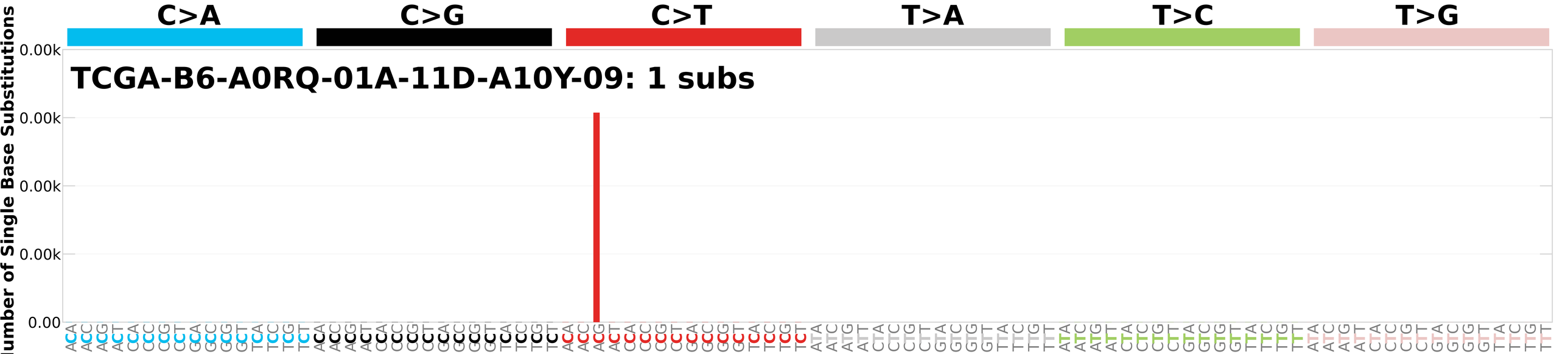
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TCGA-B6-A0RQ-01A-11D-A10Y-09: 1 subs
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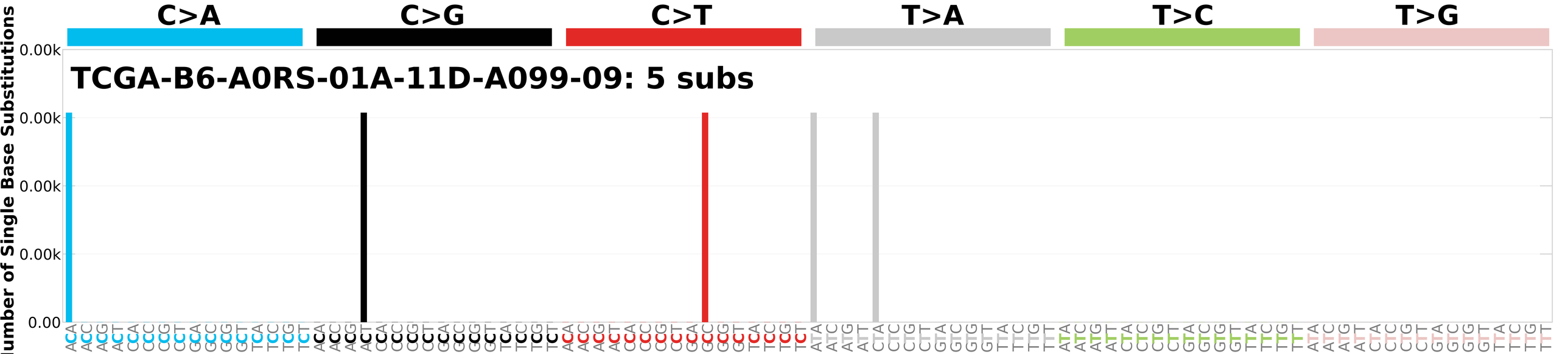
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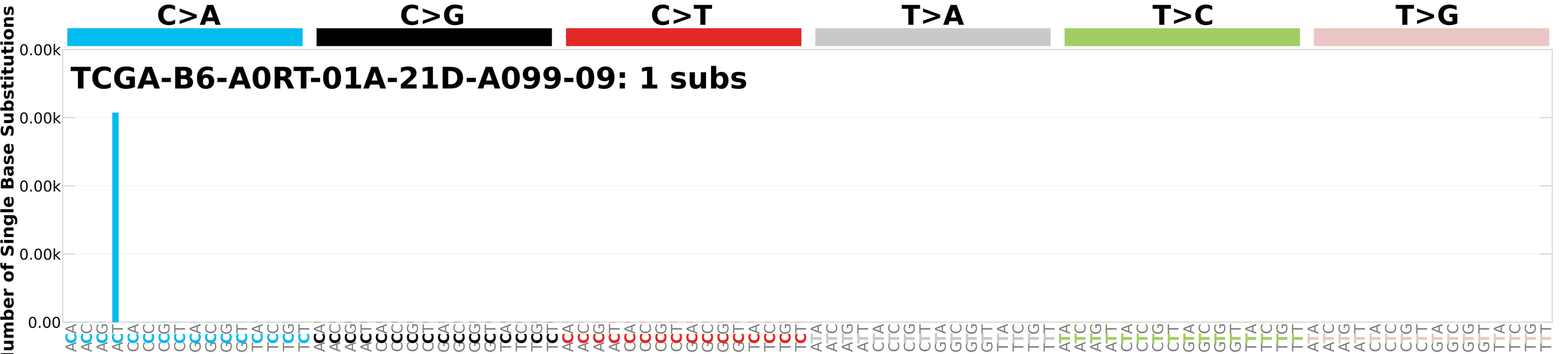
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TCGA-B6-A0RT-01A-21D-A099-09: 1 subs
Number of Single Base Substitutions
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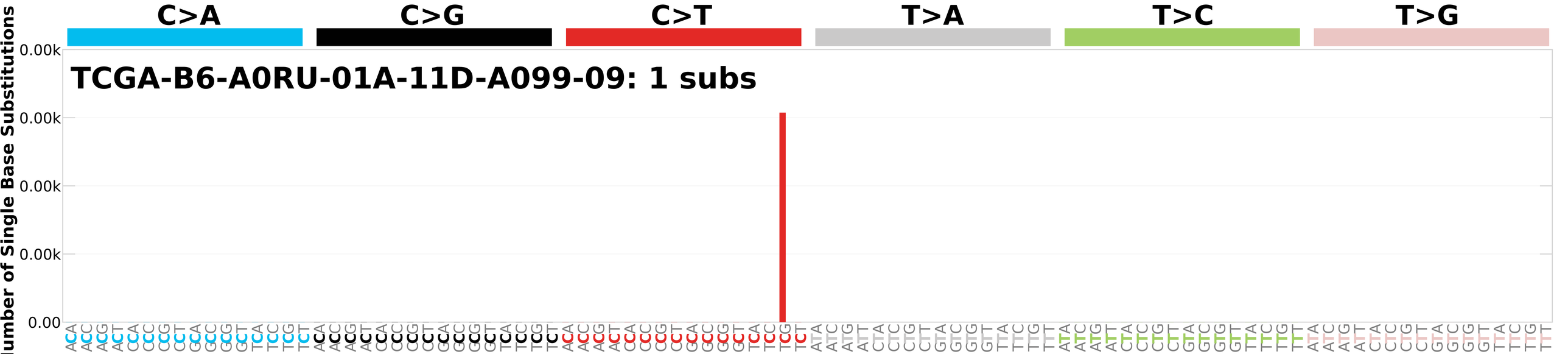
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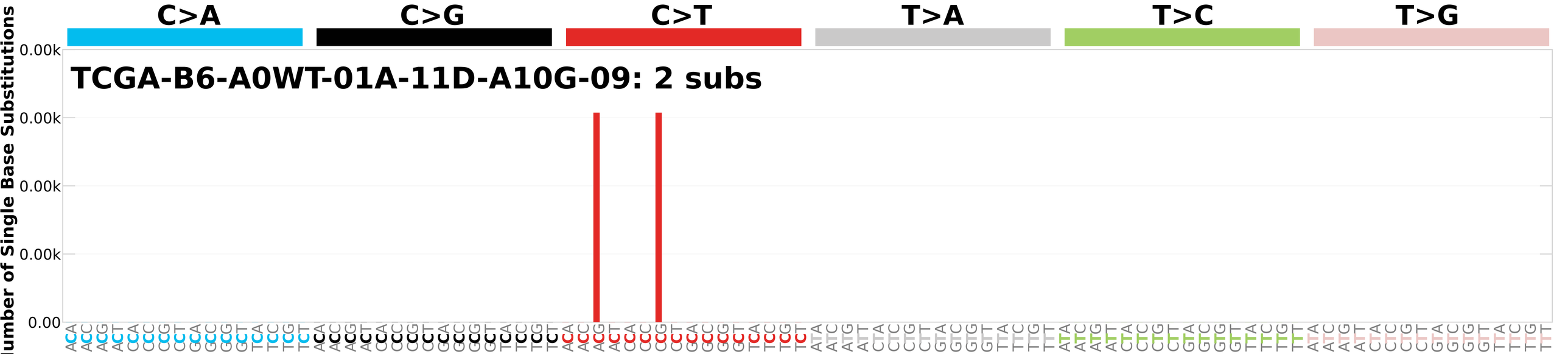
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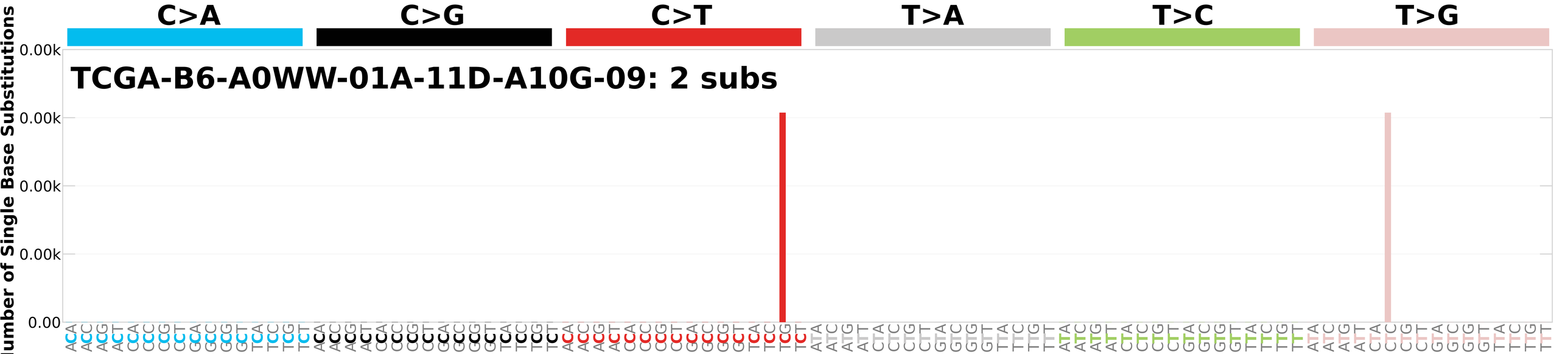
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TCGA-B6-A0WW-01A-11D-A10G-09: 2 subs
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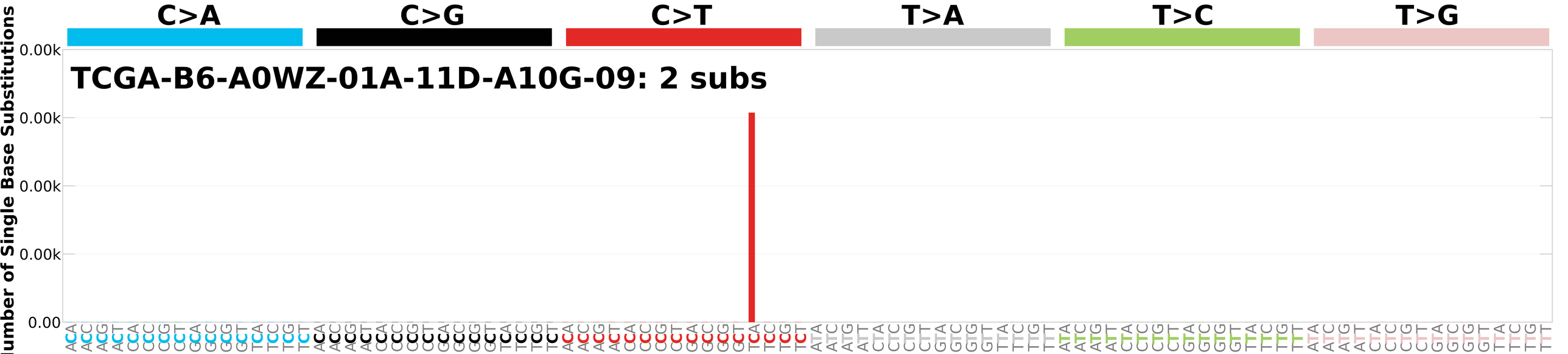
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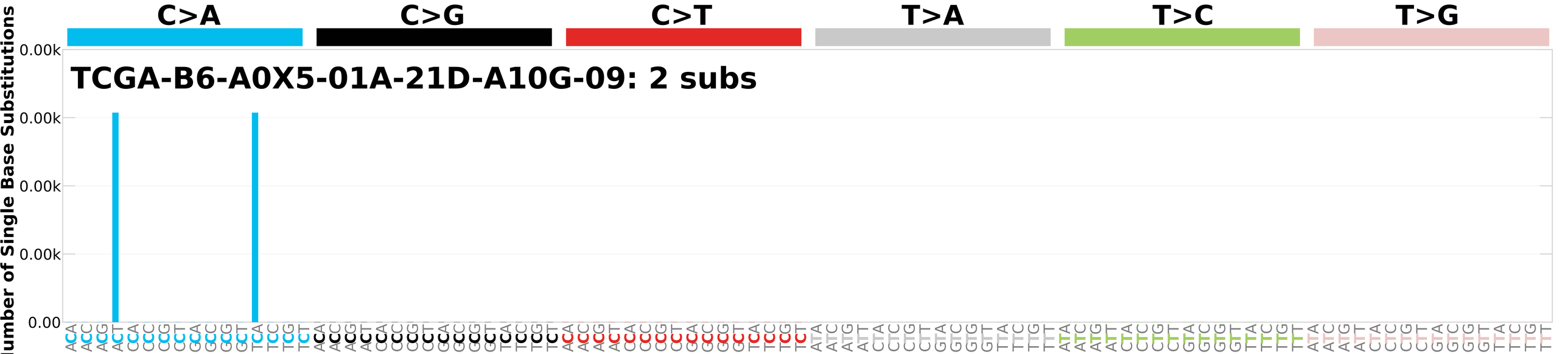
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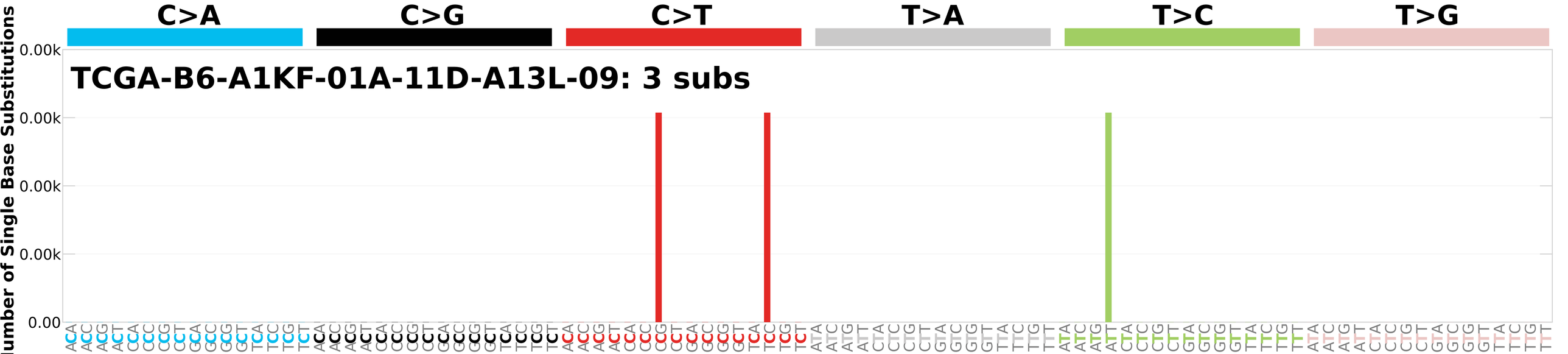
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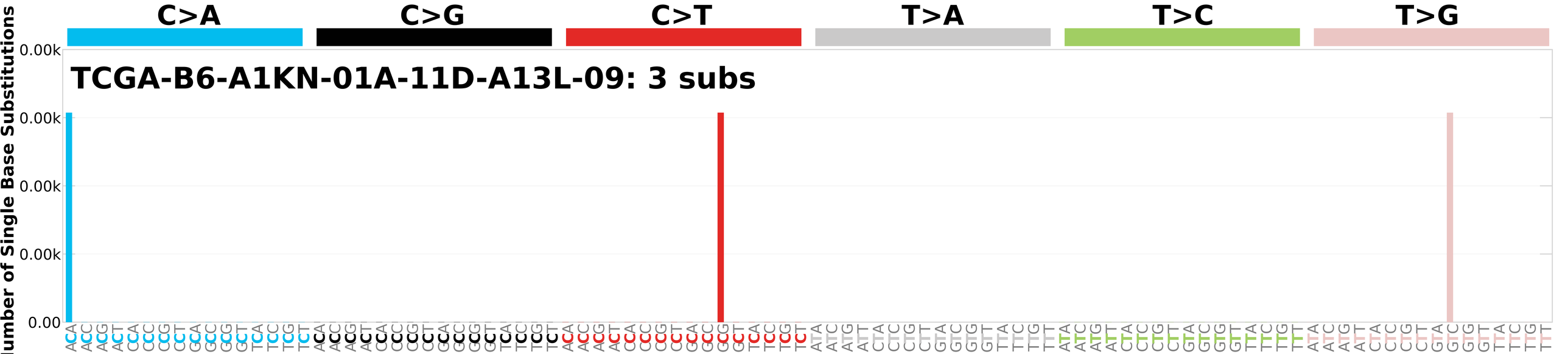
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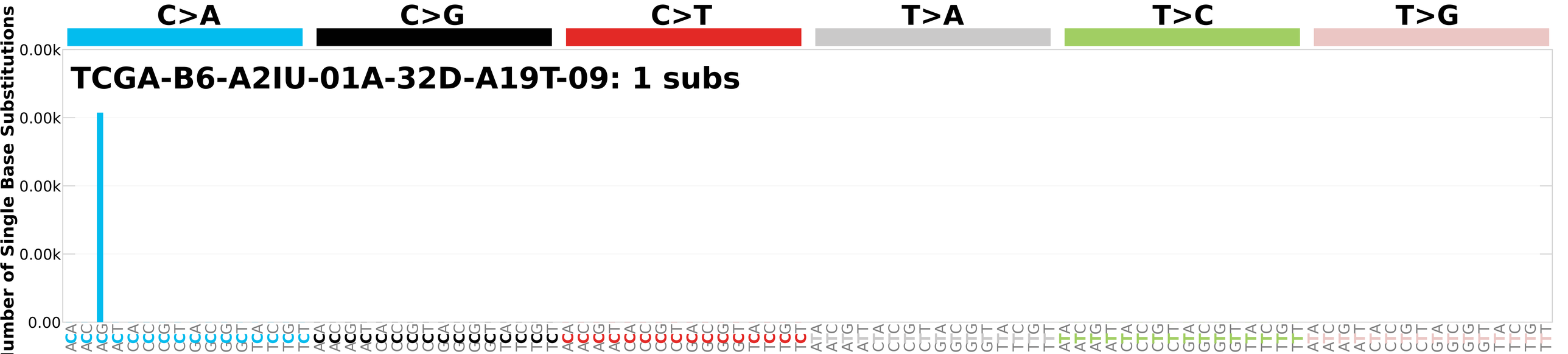
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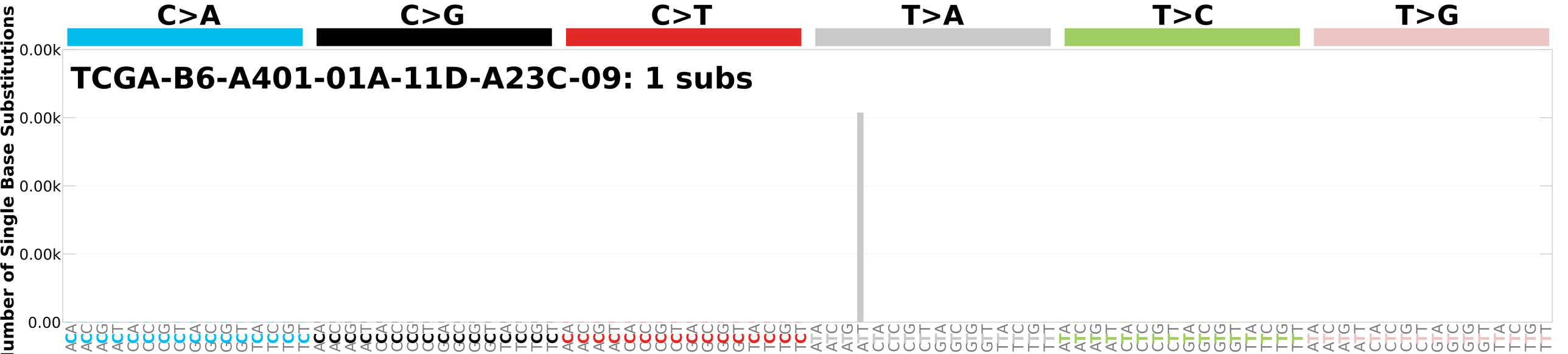
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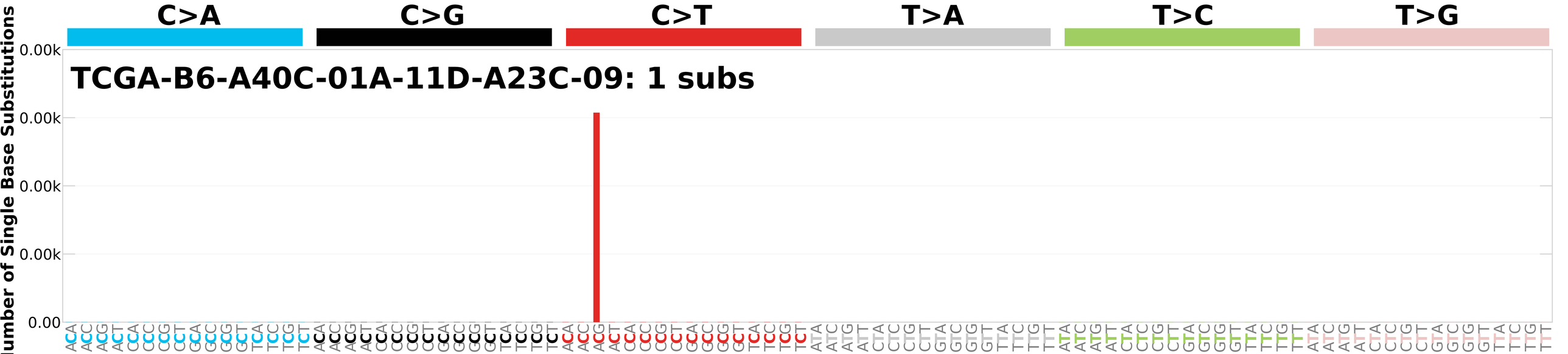
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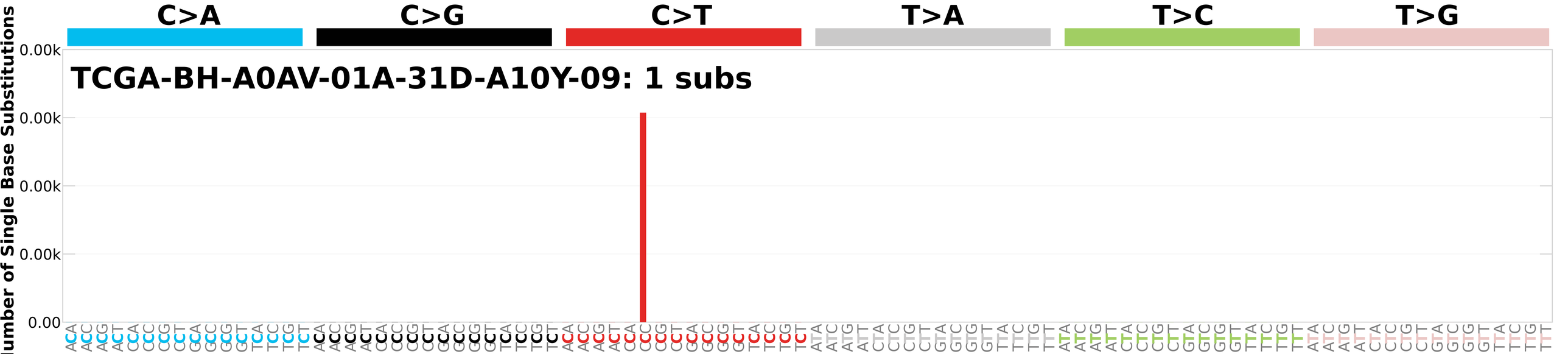
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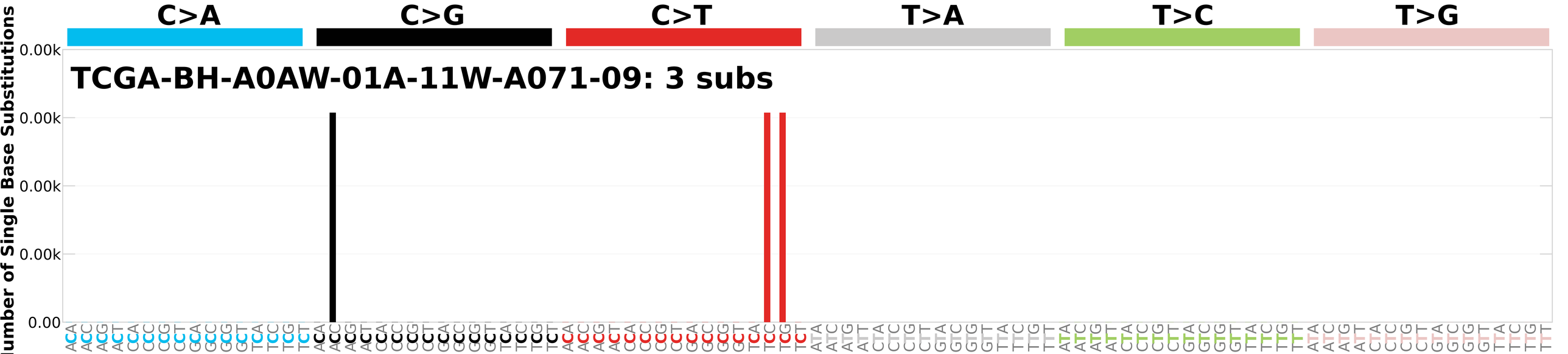
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TCGA-BH-A0AW-01A-11W-A071-09: 3 subs
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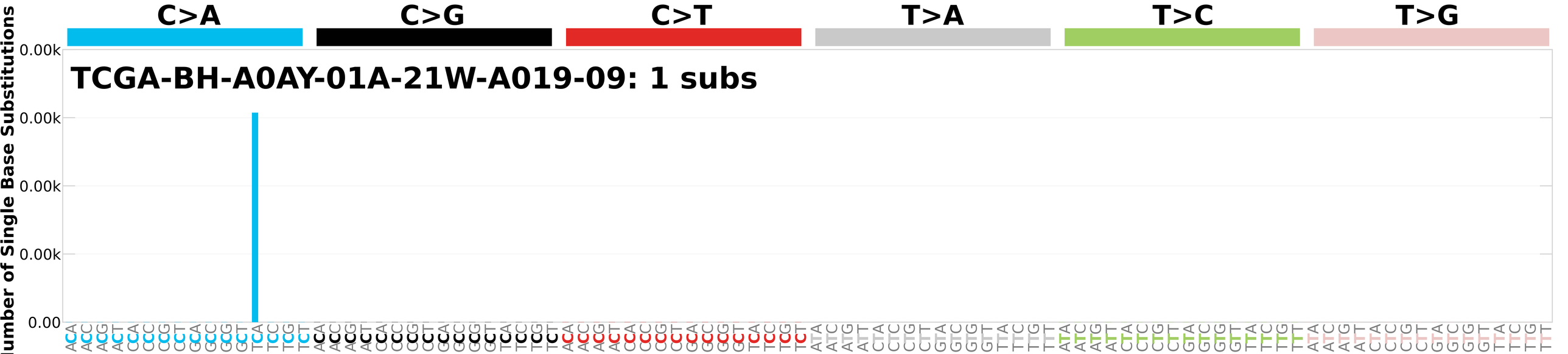
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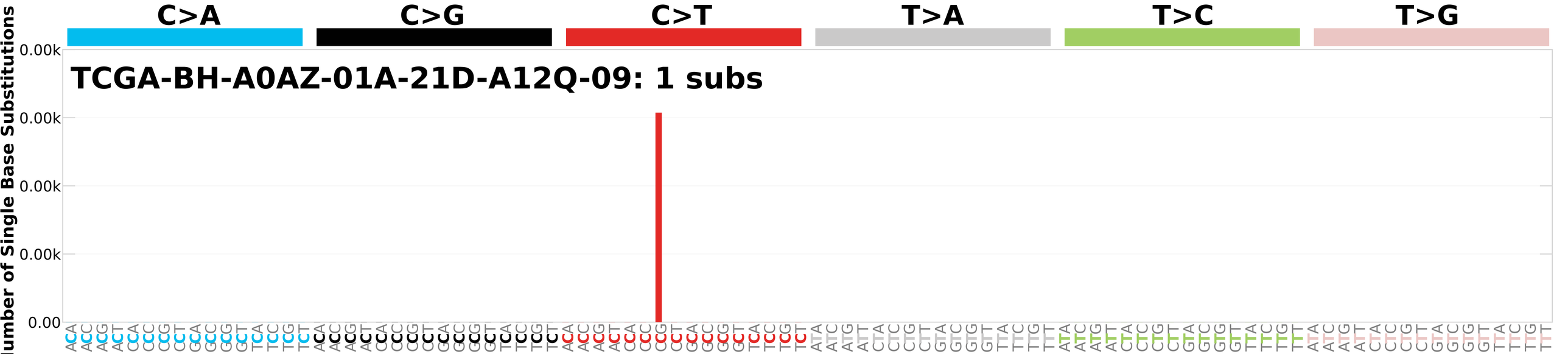
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Number of Single Base Substitutions
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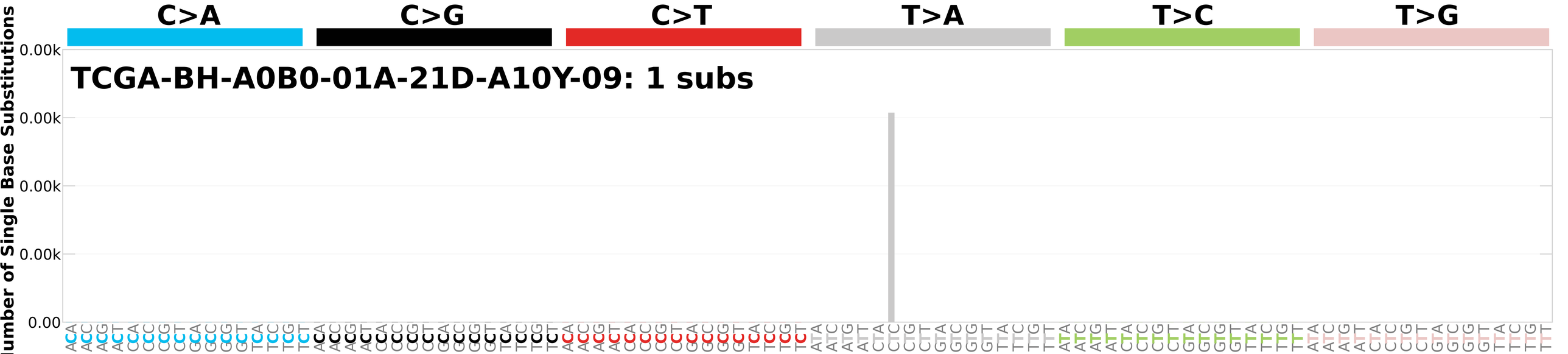
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TCGA-BH-A0B0-01A-21D-A10Y-09: 1 subs
Number of Single Base Substitutions
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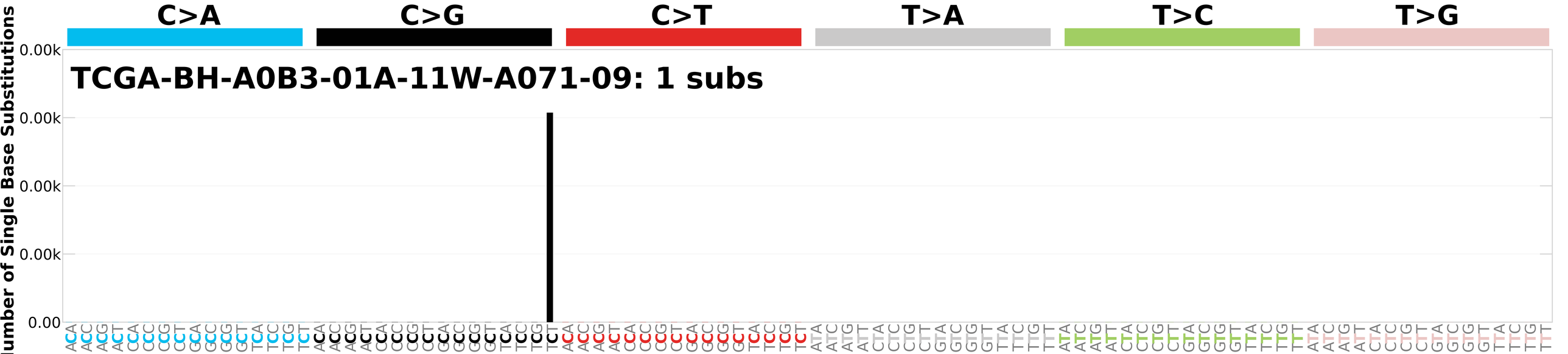
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Number of Single Base Substitutions
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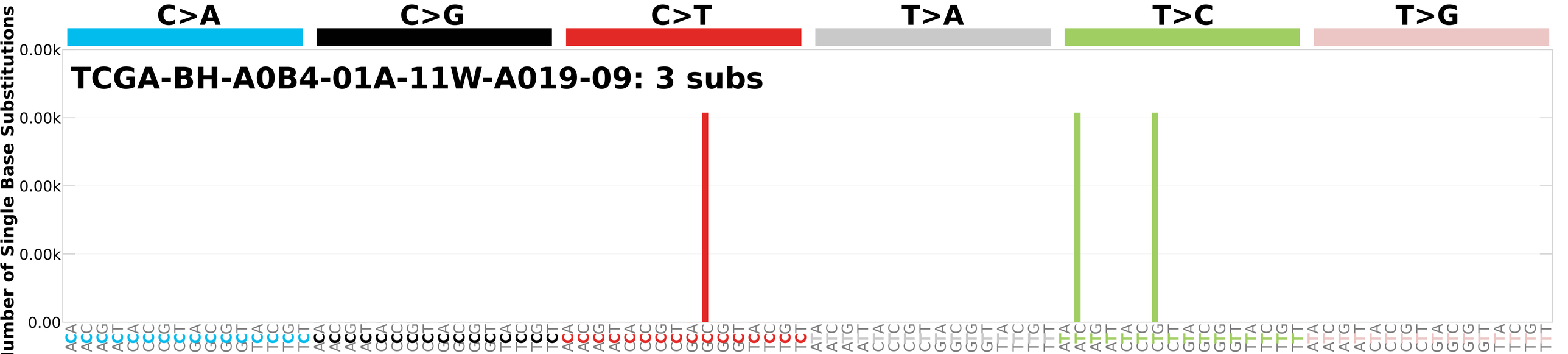
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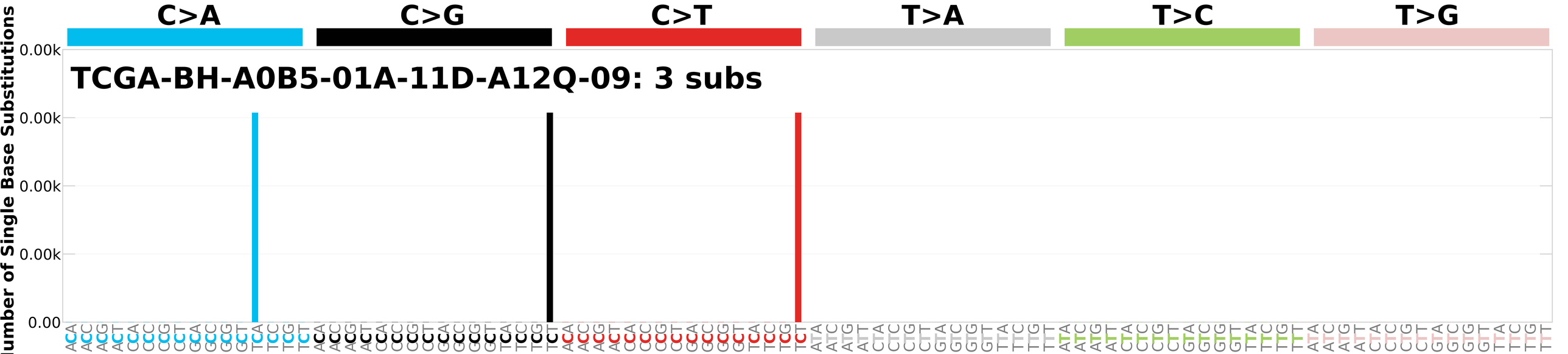
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TCGA-BH-A0B5-01A-11D-A12Q-09: 3 subs
Number of Single Base Substitutions
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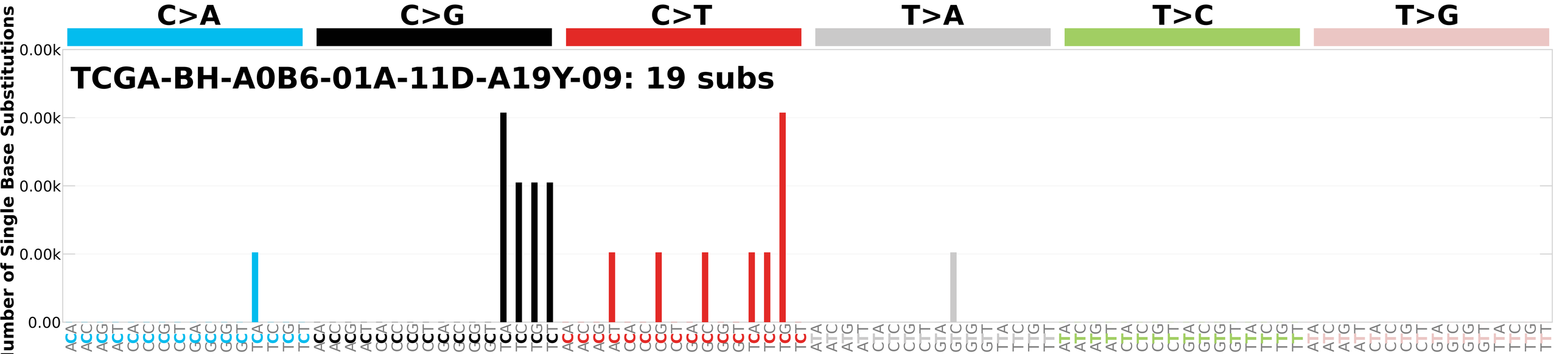
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TCGA-BH-A0B6-01A-11D-A19Y-09: 19 subs
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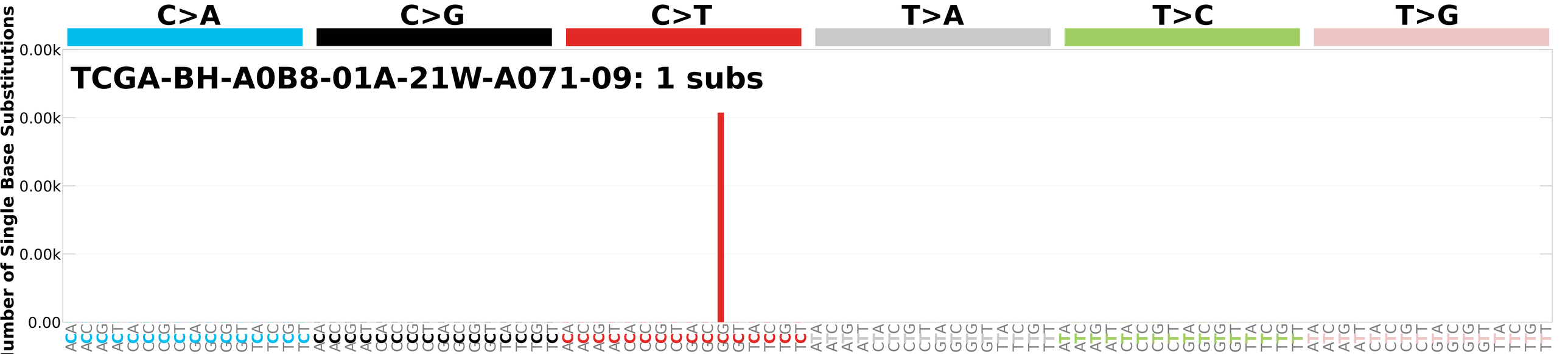
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TCGA-BH-A0B8-01A-21W-A071-09: 1 subs
Number of Single Base Substitutions
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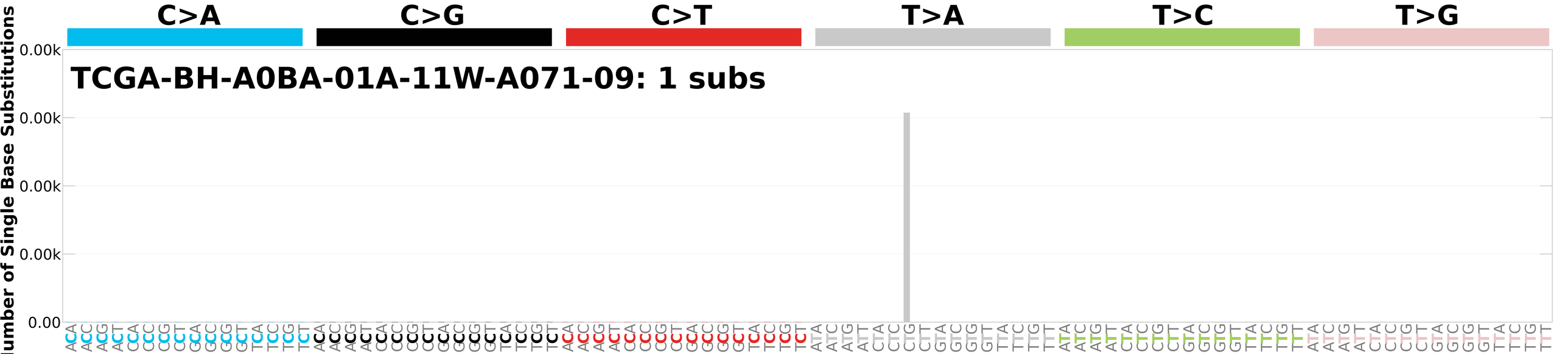
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TCGA-BH-A0BA-01A-11W-A071-09: 1 subs
Number of Single Base Substitutions
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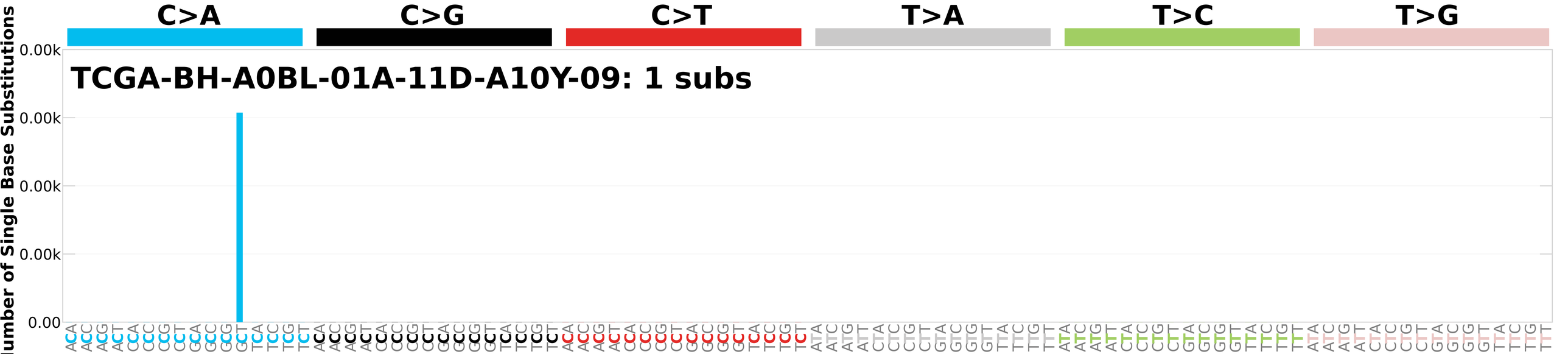
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TCGA-BH-A0BL-01A-11D-A10Y-09: 1 subs
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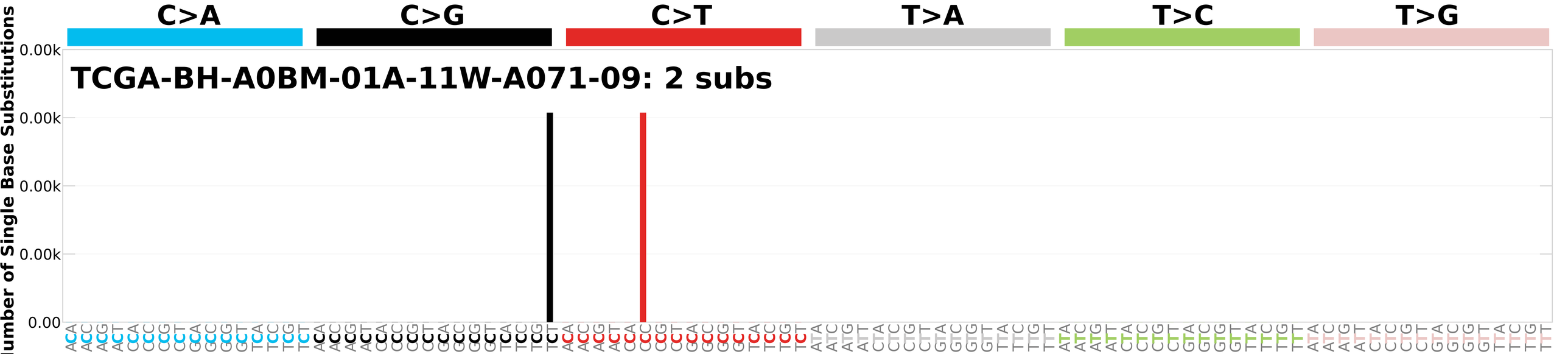
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T>G
TCGA-BH-A0BM-01A-11W-A071-09: 2 subs
Number of Single Base Substitutions
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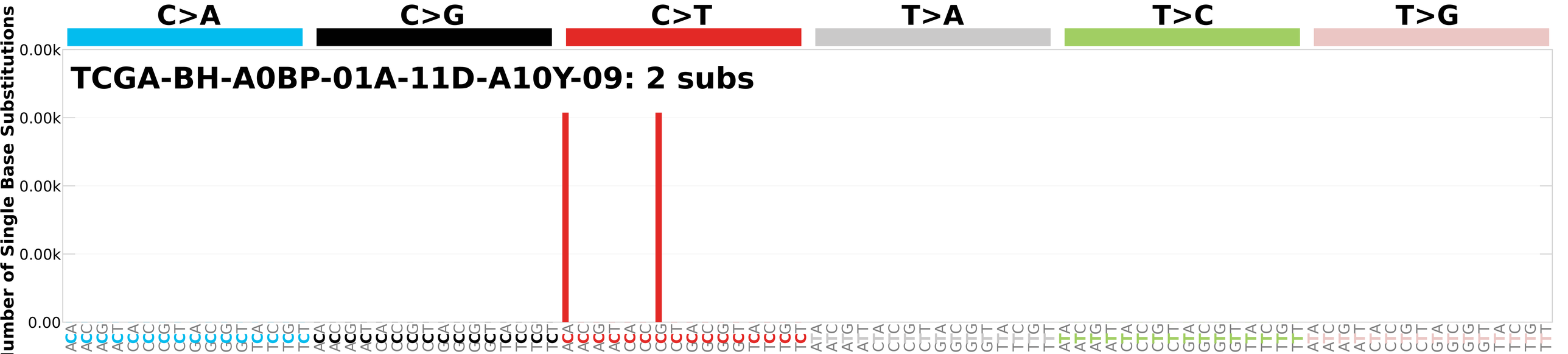
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T>G
TCGA-BH-A0BP-01A-11D-A10Y-09: 2 subs
Number of Single Base Substitutions
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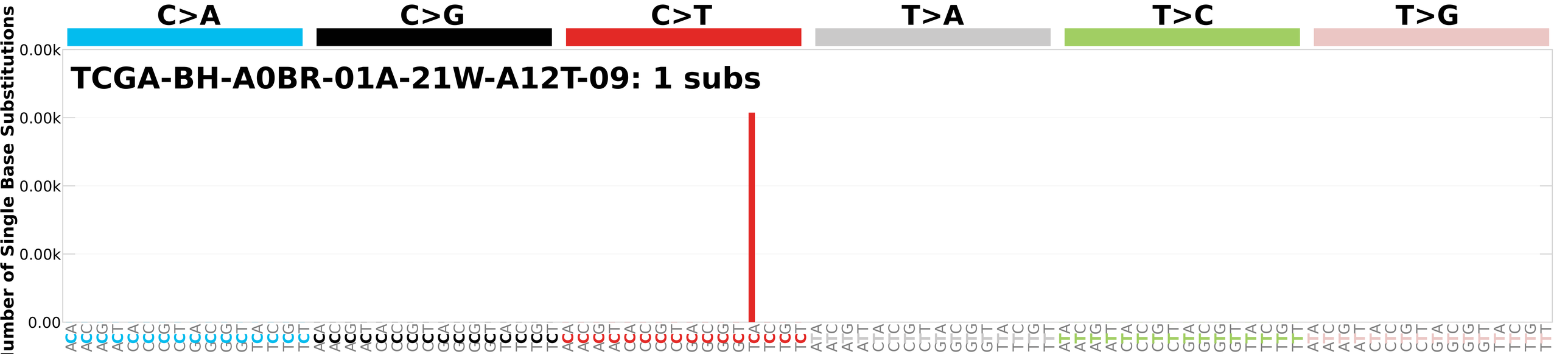
C>A
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T>C
T>G
TCGA-BH-A0BR-01A-21W-A12T-09: 1 subs
Number of Single Base Substitutions
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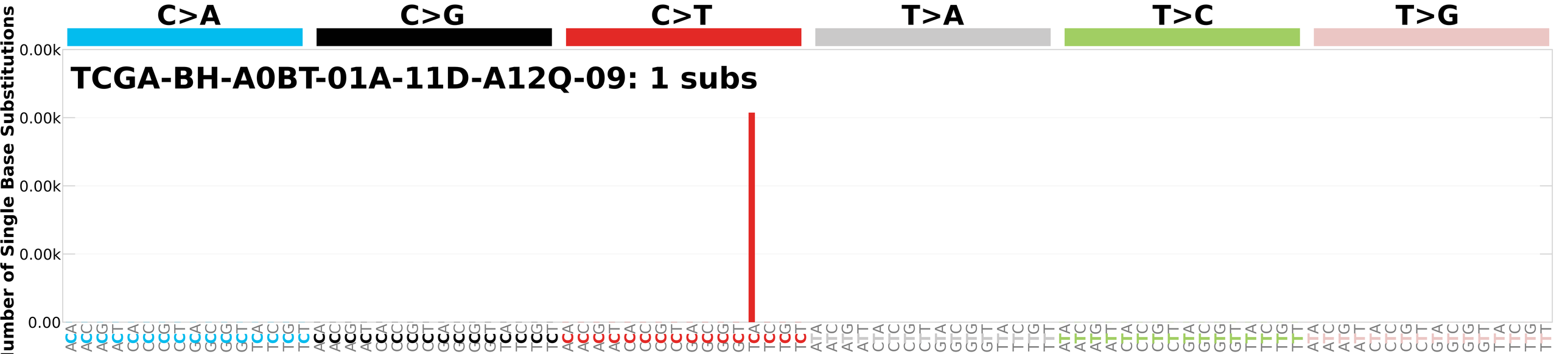
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T>G
TCGA-BH-A0BT-01A-11D-A12Q-09: 1 subs
Number of Single Base Substitutions
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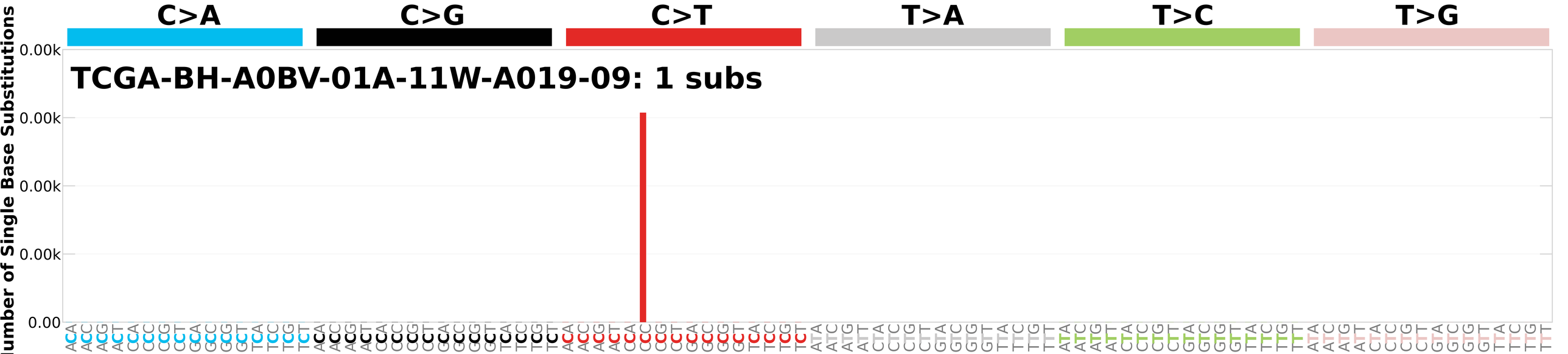
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T>G
TCGA-BH-A0BV-01A-11W-A019-09: 1 subs
Number of Single Base Substitutions
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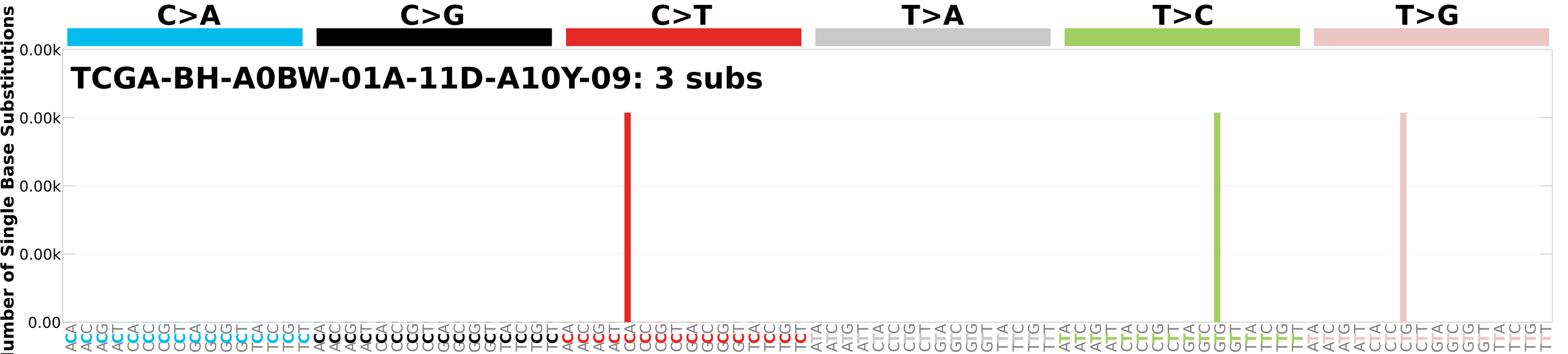
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T>C
T>G
TCGA-BH-A0BW-01A-11D-A10Y-09: 3 subs
Number of Single Base Substitutions
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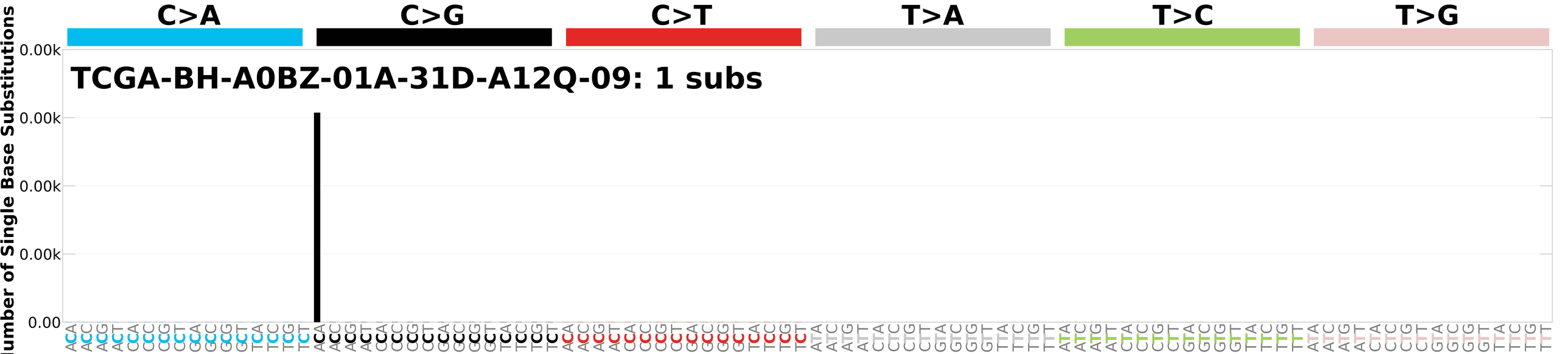
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TCGA-BH-A0BZ-01A-31D-A12Q-09: 1 subs
Number of Single Base Substitutions
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0.00k
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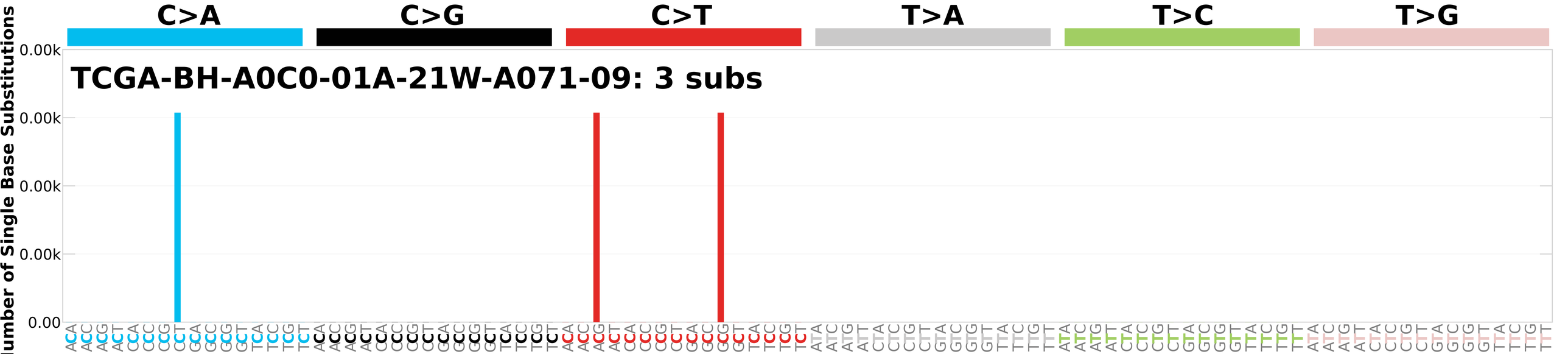
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T>G
TCGA-BH-A0C0-01A-21W-A071-09: 3 subs
Number of Single Base Substitutions
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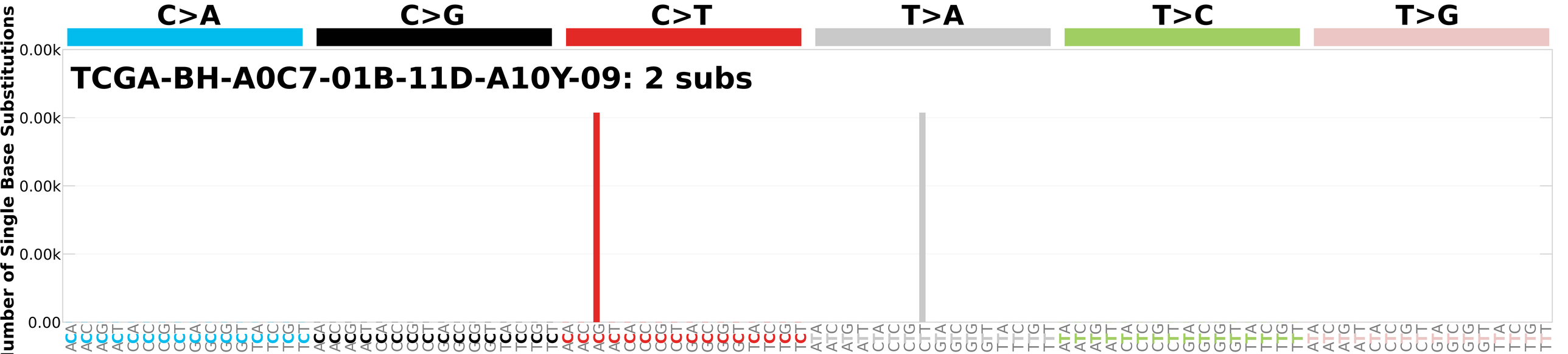
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T>C
T>G
TCGA-BH-A0C7-01B-11D-A10Y-09: 2 subs
Number of Single Base Substitutions
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0.00k
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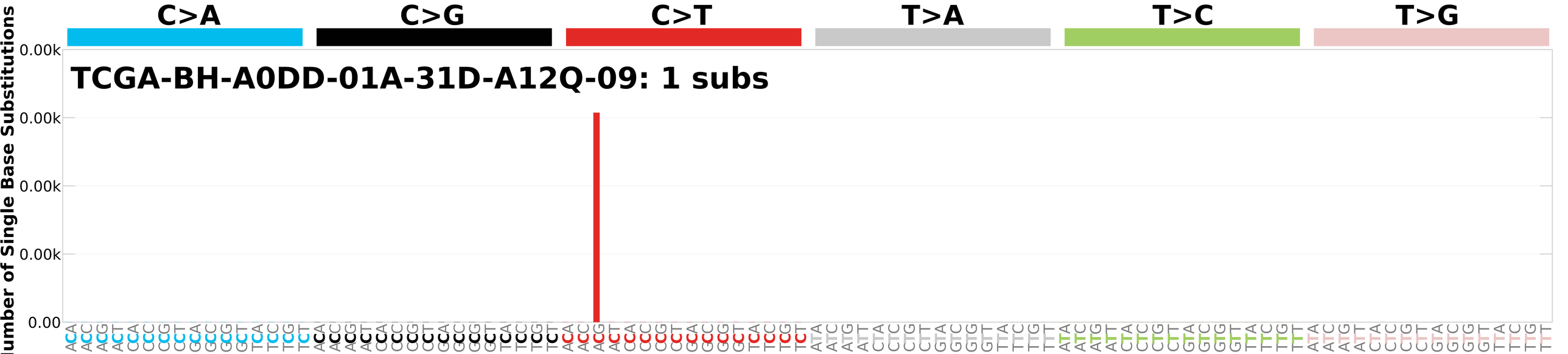
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T>G
TCGA-BH-A0DD-01A-31D-A12Q-09: 1 subs
Number of Single Base Substitutions
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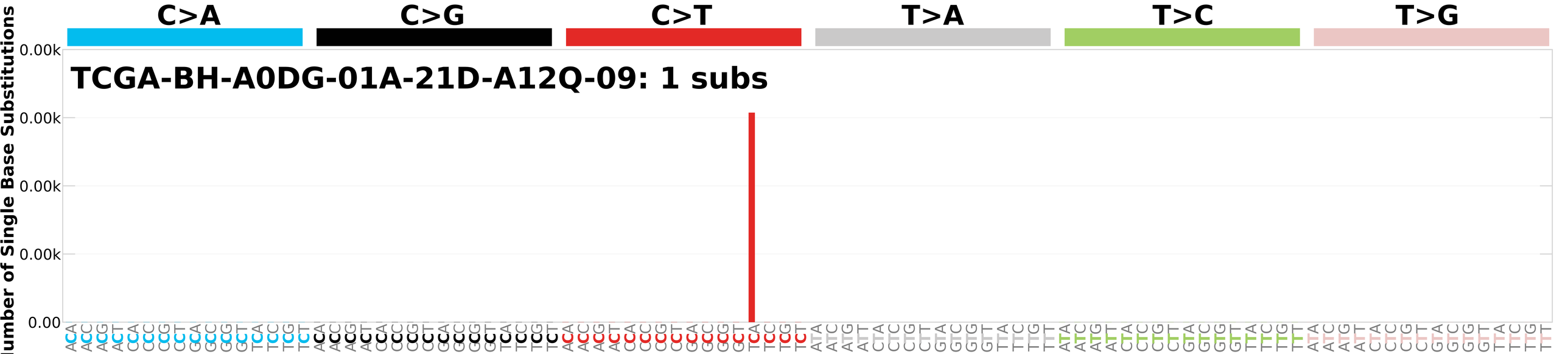
C>A
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T>G
TCGA-BH-A0DG-01A-21D-A12Q-09: 1 subs
Number of Single Base Substitutions
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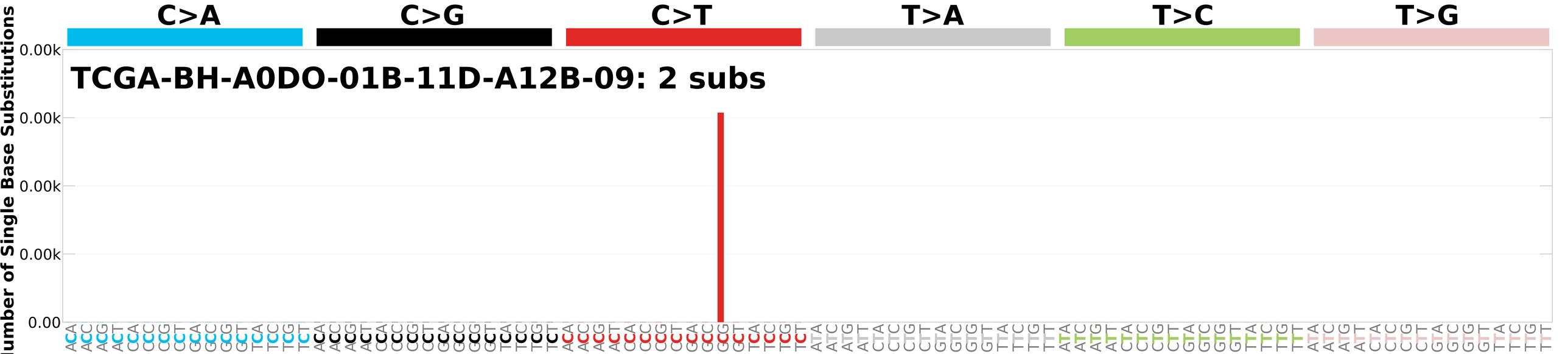
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T>G
TCGA-BH-A0DO-01B-11D-A12B-09: 2 subs
Number of Single Base Substitutions
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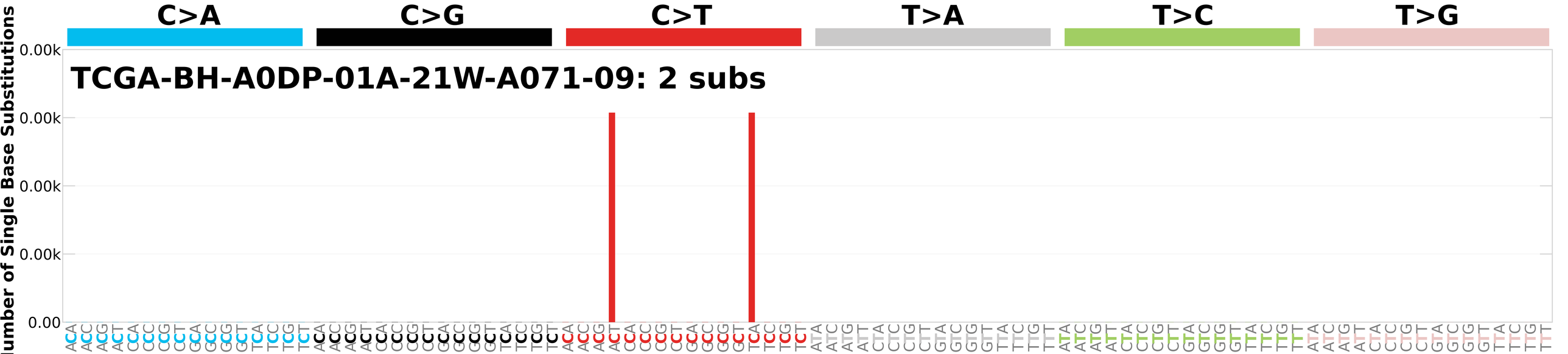
C>A
C>G
C>T
T>A
T>C
T>G
TCGA-BH-A0DP-01A-21W-A071-09: 2 subs
Number of Single Base Substitutions
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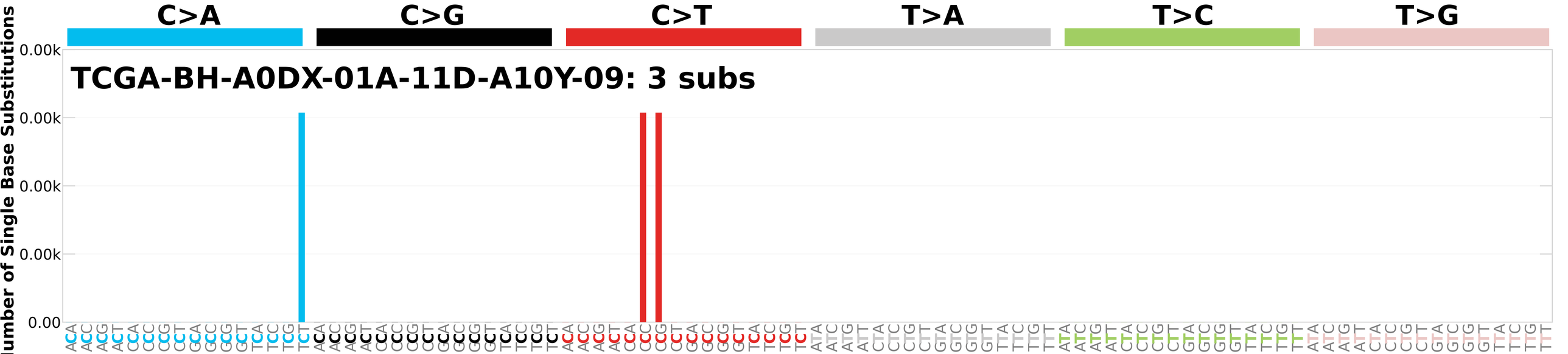
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T>C
T>G
TCGA-BH-A0DX-01A-11D-A10Y-09: 3 subs
Number of Single Base Substitutions
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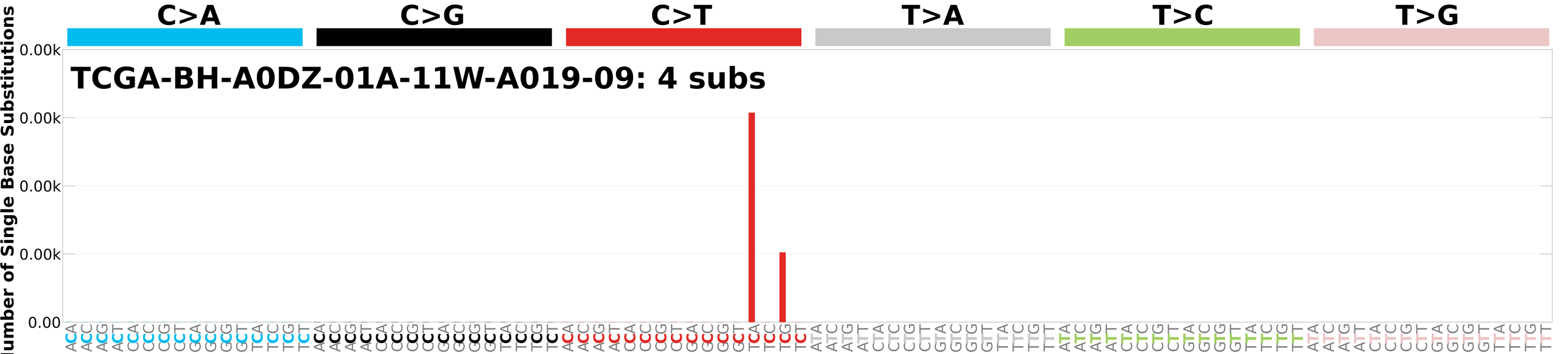
C>A
C>G
C>T
T>A
T>C
T>G
TCGA-BH-A0DZ-01A-11W-A019-09: 4 subs
Number of Single Base Substitutions
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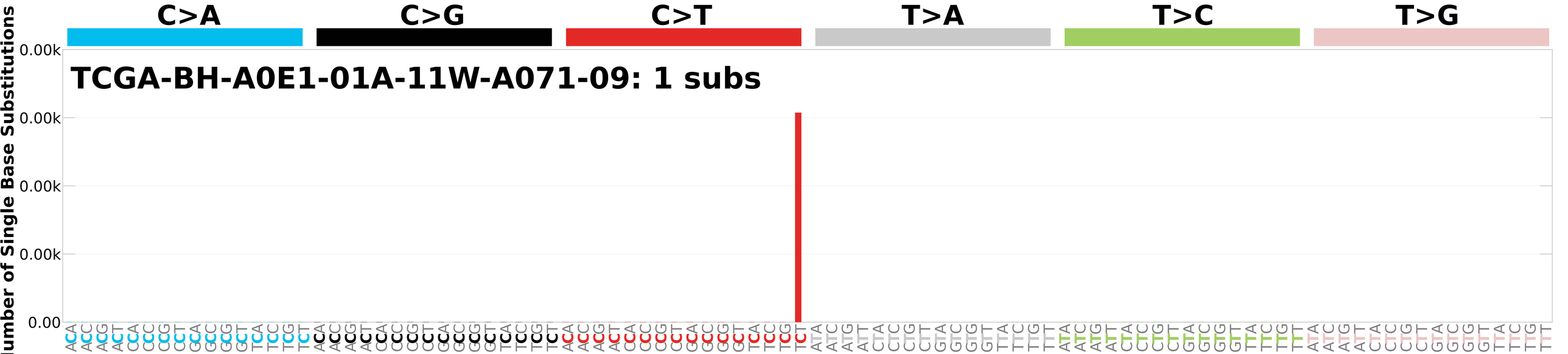
C>A
C>G
C>T
T>A
T>C
T>G
TCGA-BH-A0E1-01A-11W-A071-09: 1 subs
Number of Single Base Substitutions
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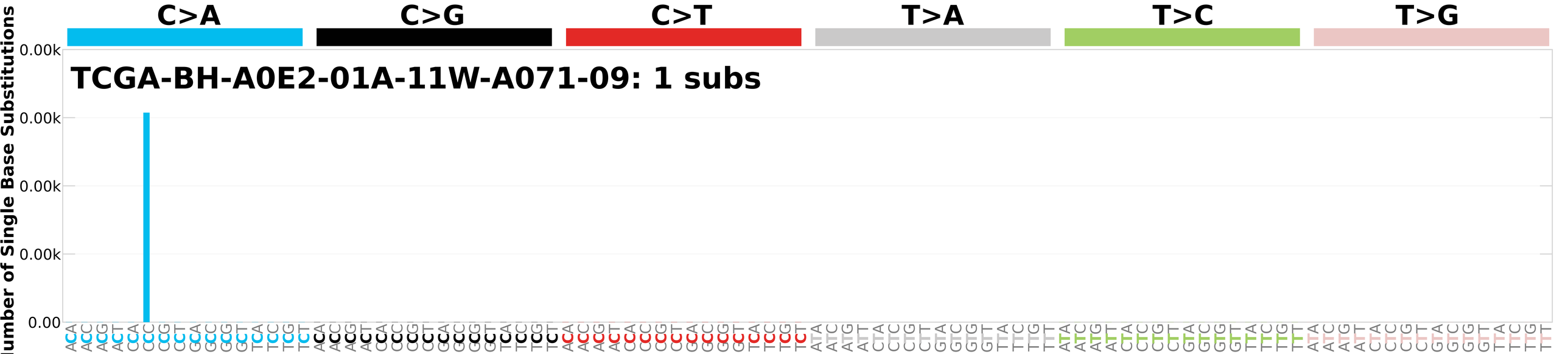
C>A
C>G
C>T
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T>C
T>G
TCGA-BH-A0E2-01A-11W-A071-09: 1 subs
Number of Single Base Substitutions
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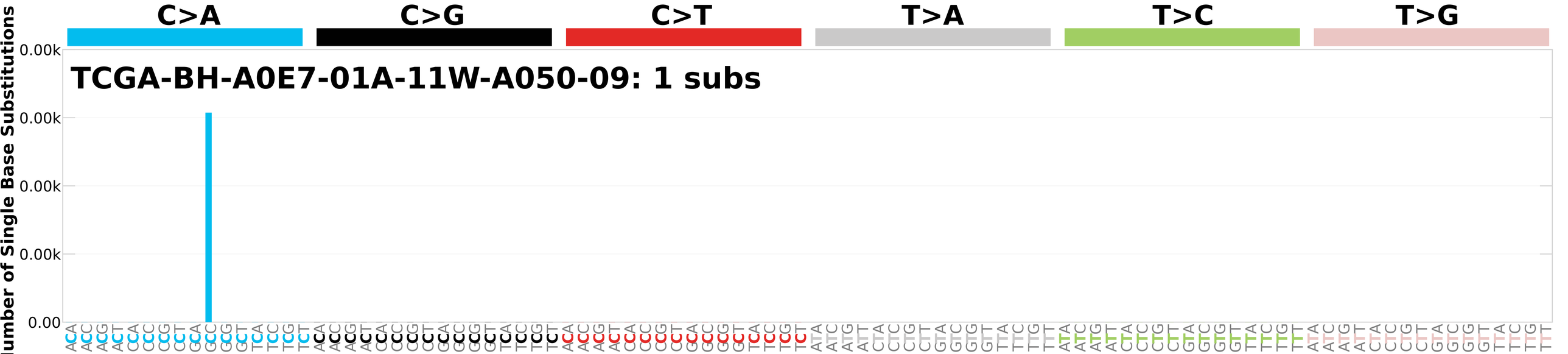
C>A
C>G
C>T
T>A
T>C
T>G
TCGA-BH-A0E7-01A-11W-A050-09: 1 subs
Number of Single Base Substitutions
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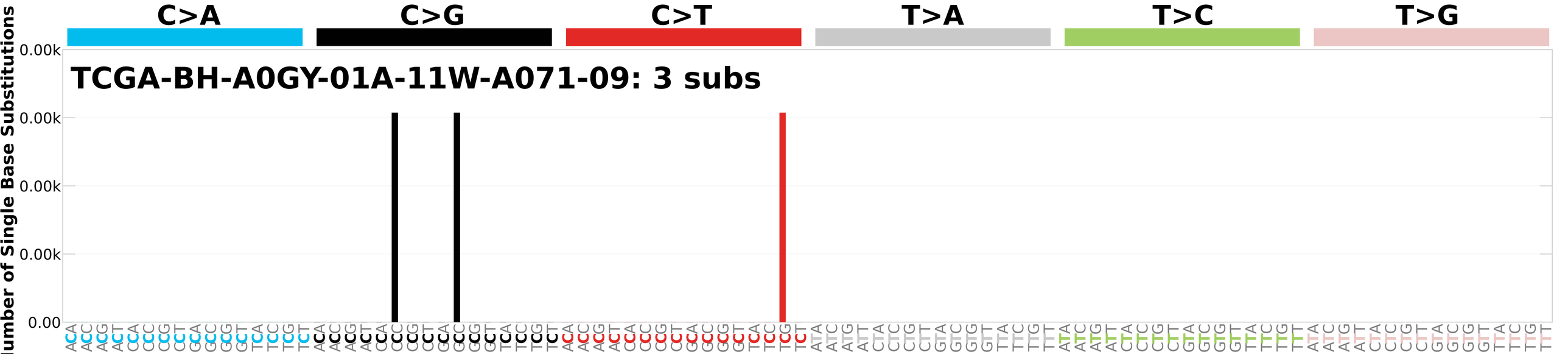
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TCGA-BH-A0GY-01A-11W-A071-09: 3 subs
Number of Single Base Substitutions
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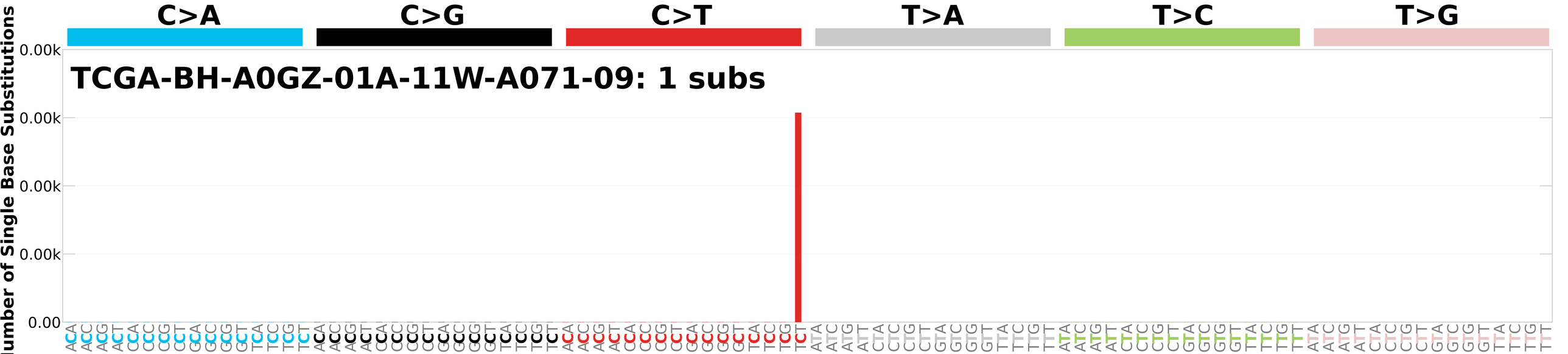
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T>C
T>G
TCGA-BH-A0GZ-01A-11W-A071-09: 1 subs
Number of Single Base Substitutions
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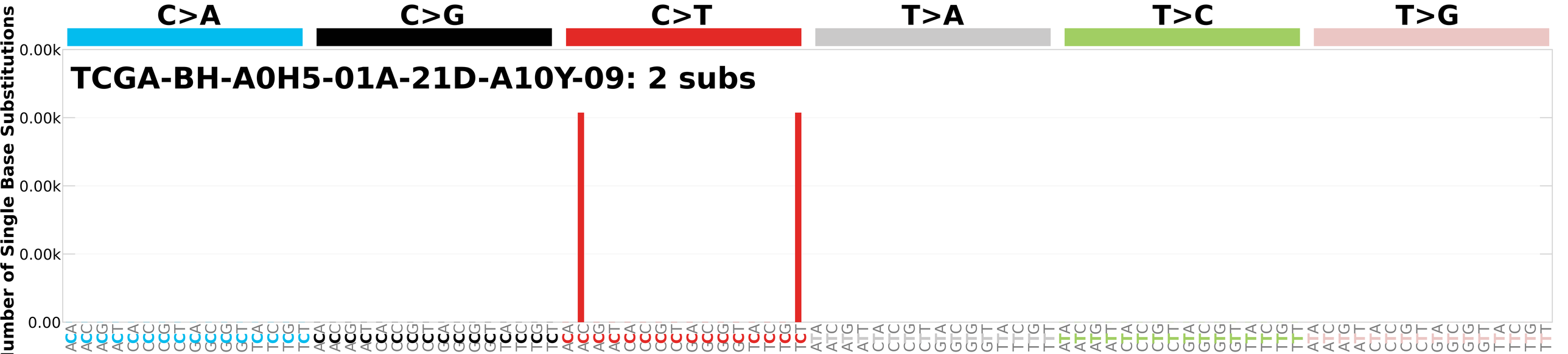
C>A
C>G
C>T
T>A
T>C
T>G
TCGA-BH-A0H5-01A-21D-A10Y-09: 2 subs
Number of Single Base Substitutions
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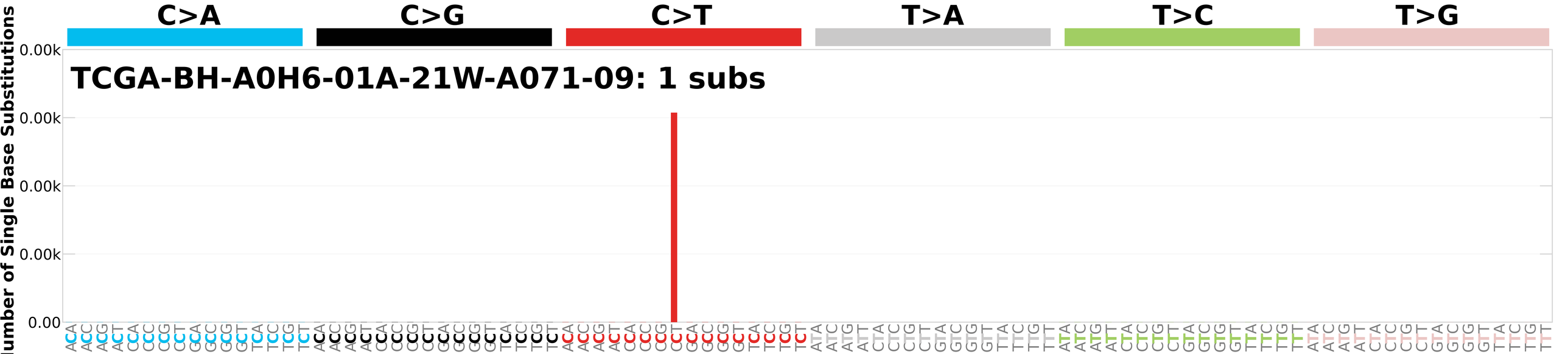
C>A
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T>C
T>G
TCGA-BH-A0H6-01A-21W-A071-09: 1 subs
Number of Single Base Substitutions
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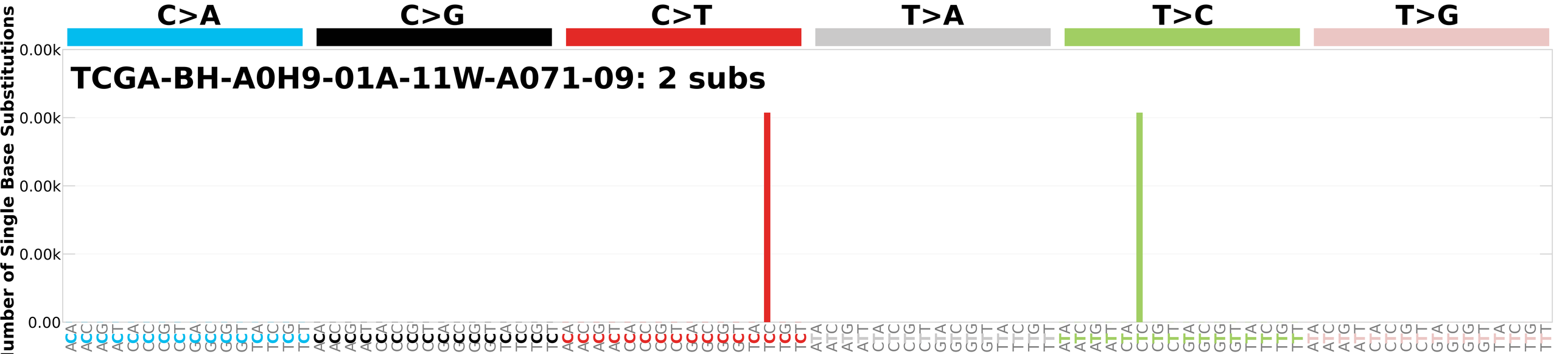
C>A
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T>G
TCGA-BH-A0H9-01A-11W-A071-09: 2 subs
Number of Single Base Substitutions
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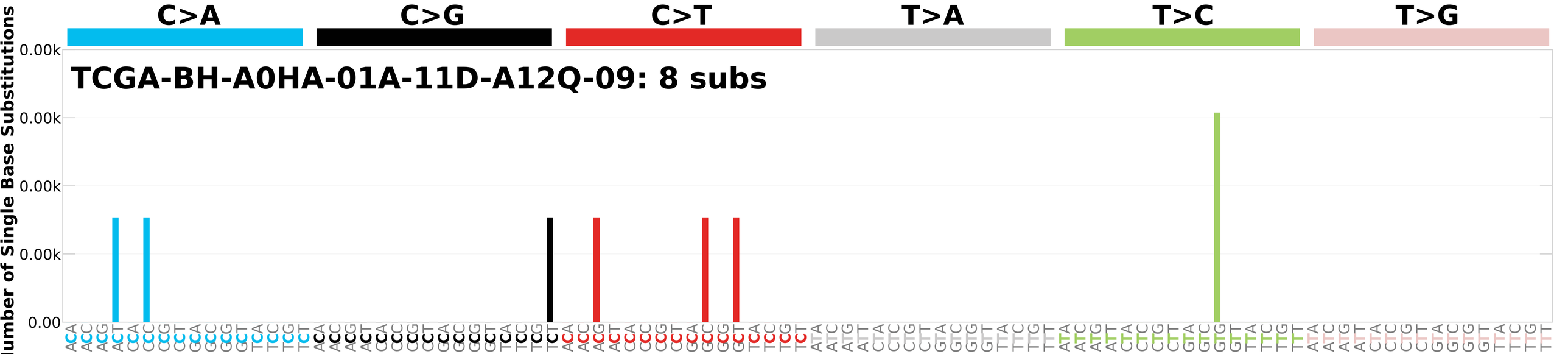
C>A
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T>G
TCGA-BH-A0HA-01A-11D-A12Q-09: 8 subs
Number of Single Base Substitutions
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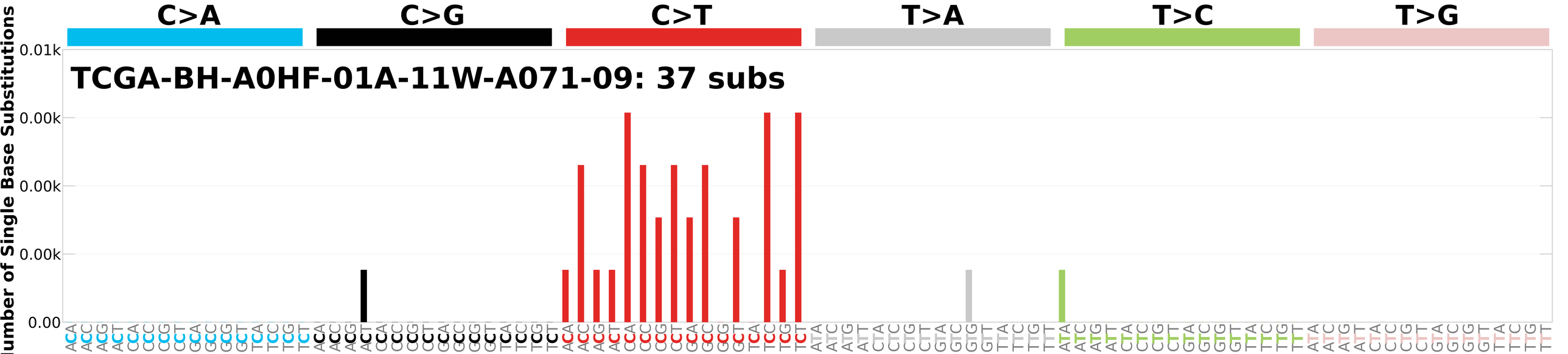
C>A
C>G
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T>C
T>G
TCGA-BH-A0HF-01A-11W-A071-09: 37 subs
Number of Single Base Substitutions
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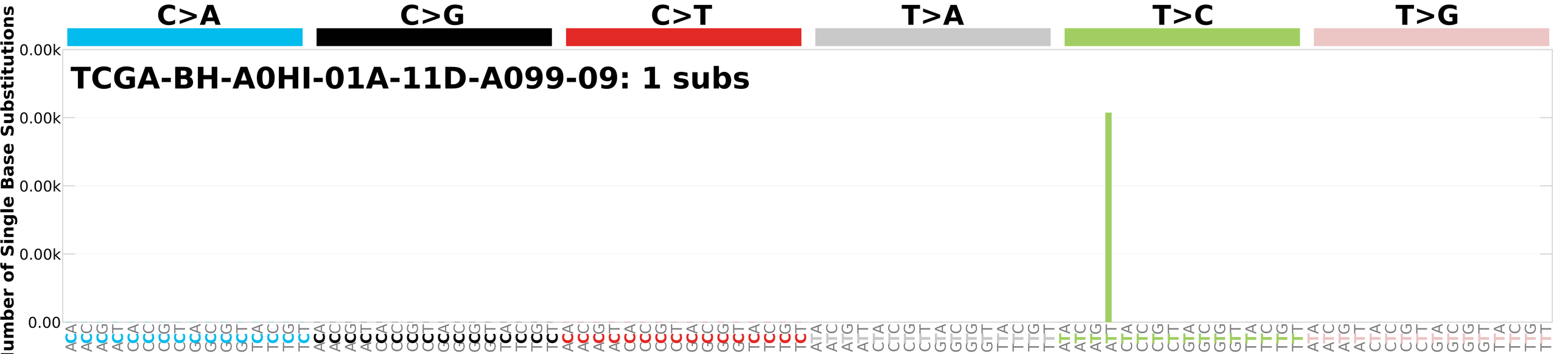
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TCGA-BH-A0HI-01A-11D-A099-09: 1 subs
Number of Single Base Substitutions
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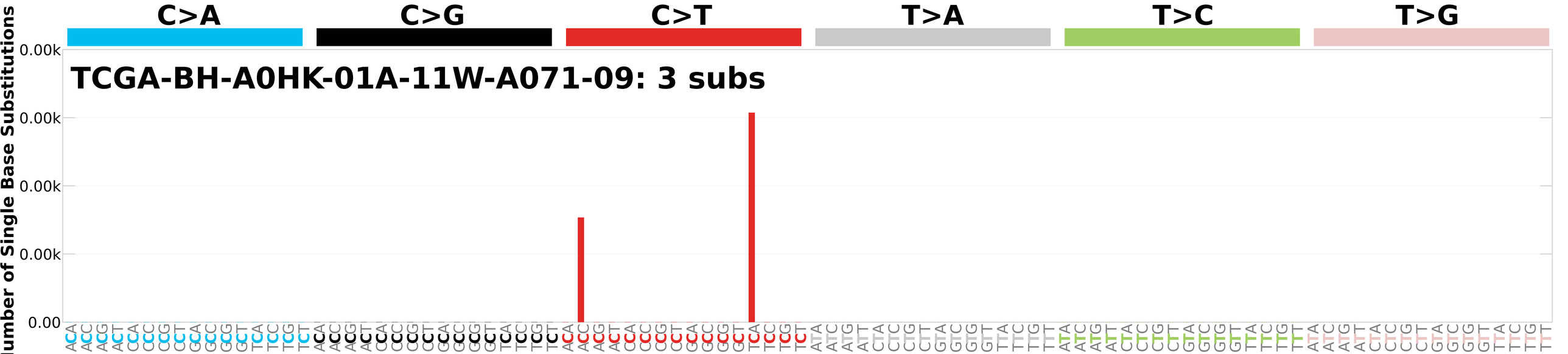
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C>G
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T>A
T>C
T>G
TCGA-BH-A0HK-01A-11W-A071-09: 3 subs
Number of Single Base Substitutions
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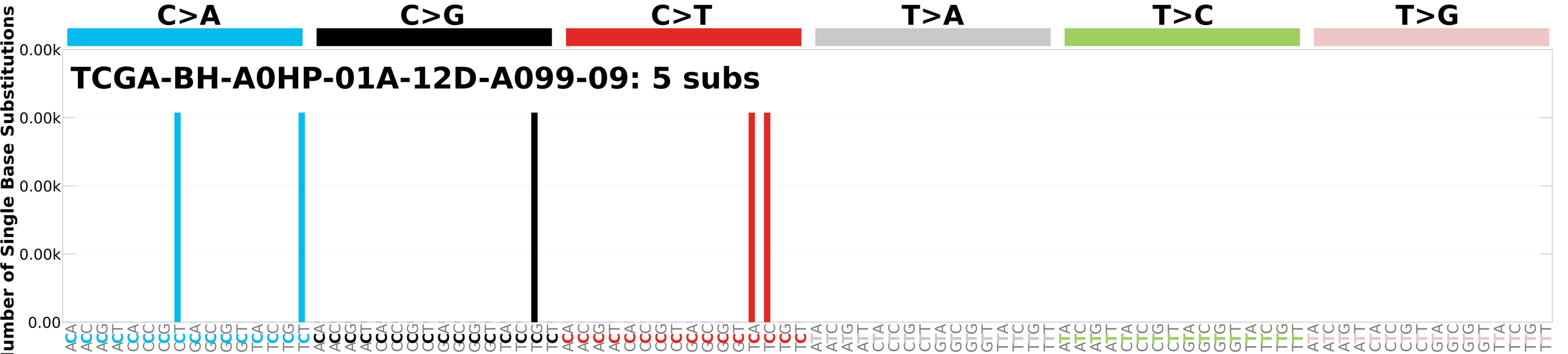
C>A
C>G
C>T
T>A
T>C
T>G
TCGA-BH-A0HP-01A-12D-A099-09: 5 subs
Number of Single Base Substitutions
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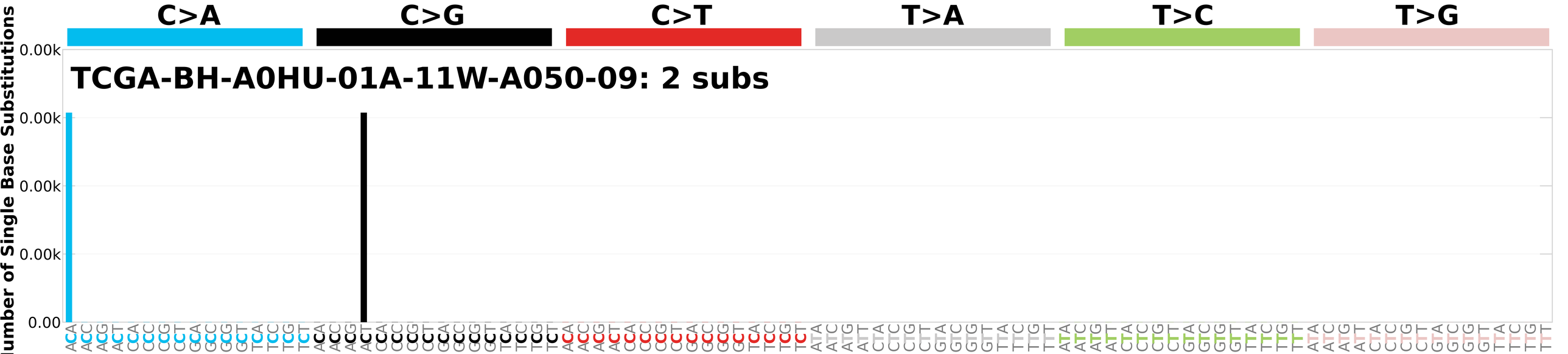
C>A
C>G
C>T
T>A
T>C
T>G
TCGA-BH-A0HU-01A-11W-A050-09: 2 subs
Number of Single Base Substitutions
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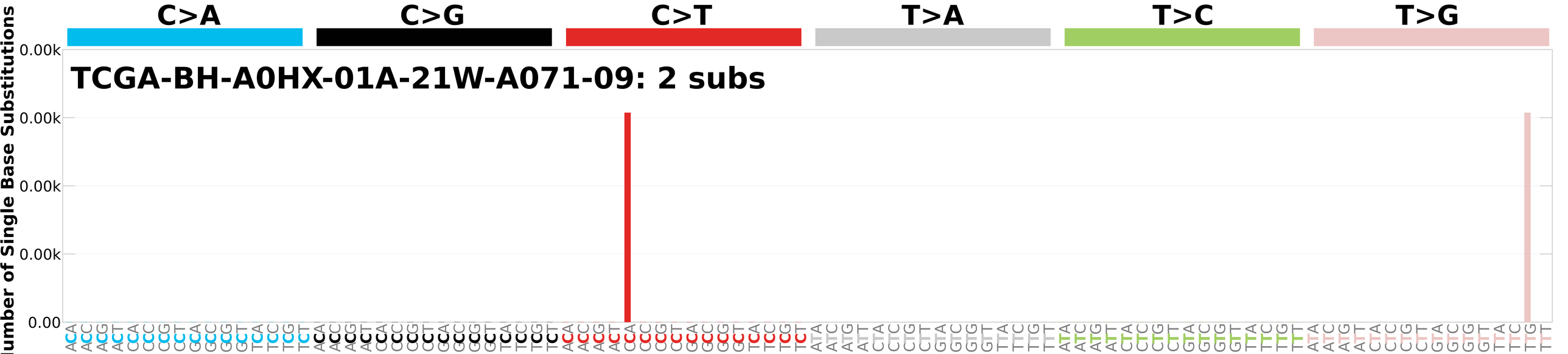
C>A
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C>T
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T>C
T>G
TCGA-BH-A0HX-01A-21W-A071-09: 2 subs
Number of Single Base Substitutions
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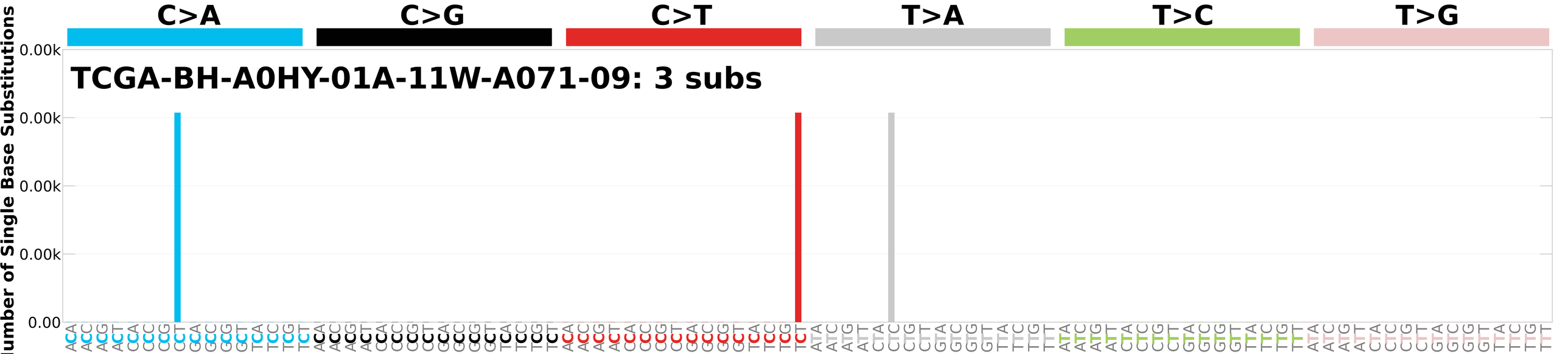
C>A
C>G
C>T
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T>C
T>G
TCGA-BH-A0HY-01A-11W-A071-09: 3 subs
Number of Single Base Substitutions
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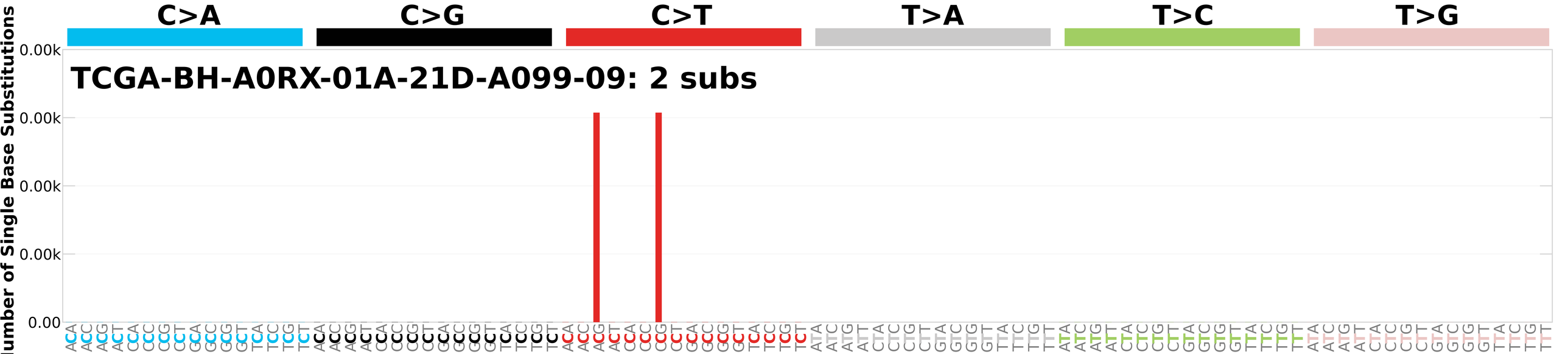
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T>A
T>C
T>G
TCGA-BH-A0RX-01A-21D-A099-09: 2 subs
Number of Single Base Substitutions
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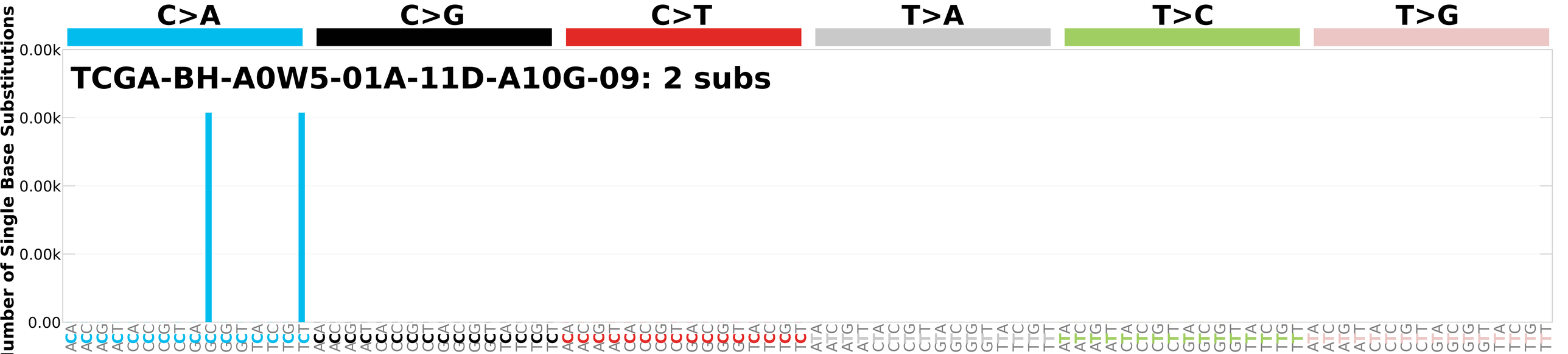
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TCGA-BH-A0W5-01A-11D-A10G-09: 2 subs
Number of Single Base Substitutions
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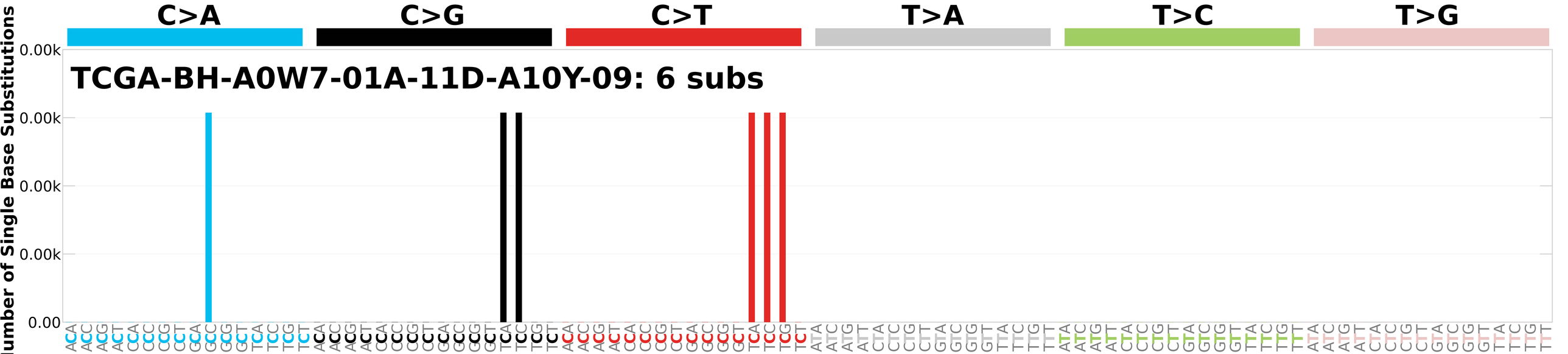
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T>G
TCGA-BH-A0W7-01A-11D-A10Y-09: 6 subs
Number of Single Base Substitutions
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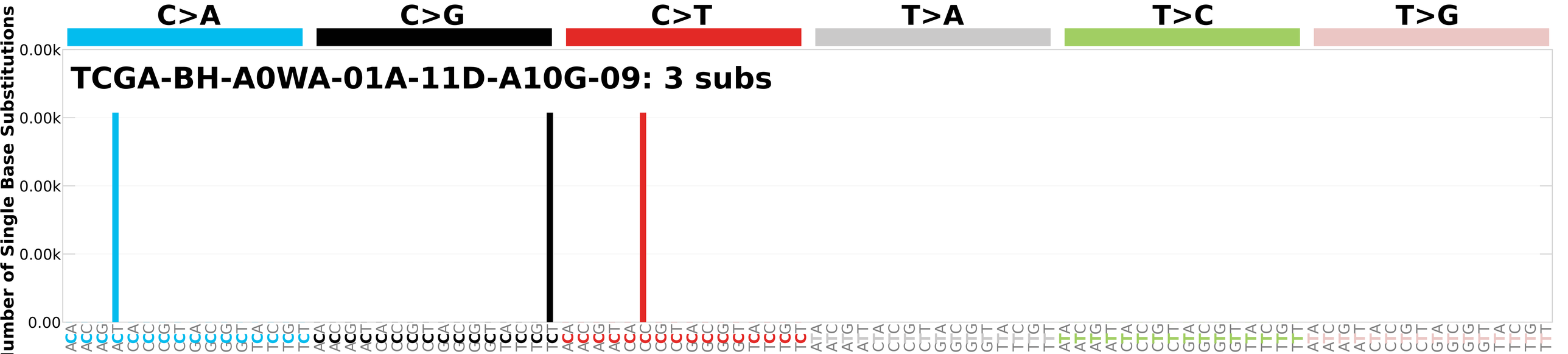
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T>G
TCGA-BH-A0WA-01A-11D-A10G-09: 3 subs
Number of Single Base Substitutions
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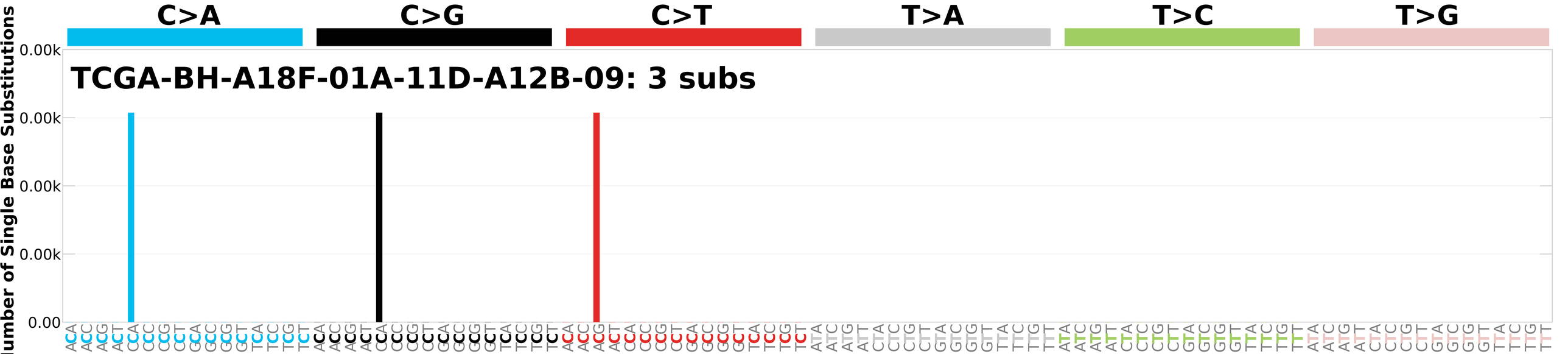
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T>G
TCGA-BH-A18F-01A-11D-A12B-09: 3 subs
Number of Single Base Substitutions
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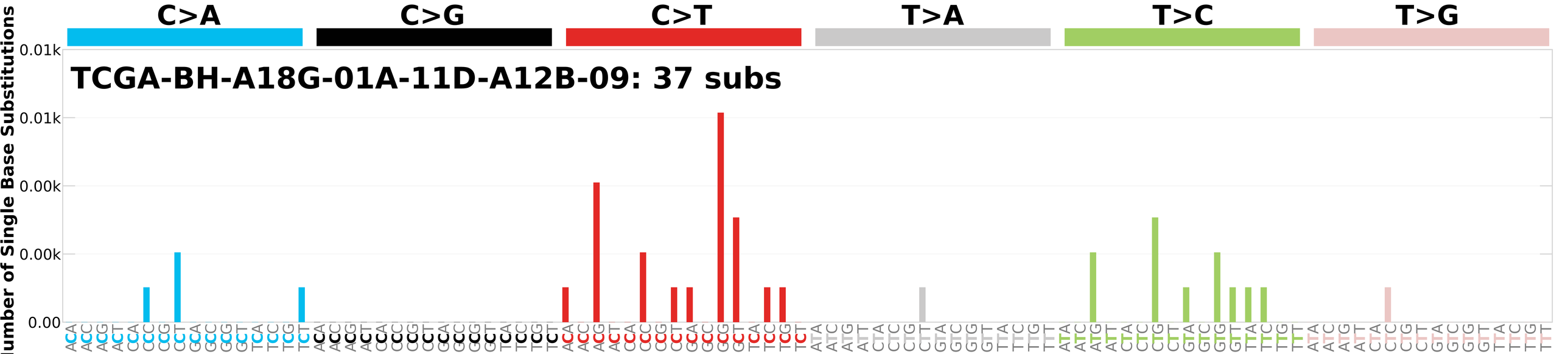
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TCGA-BH-A18G-01A-11D-A12B-09: 37 subs
Number of Single Base Substitutions
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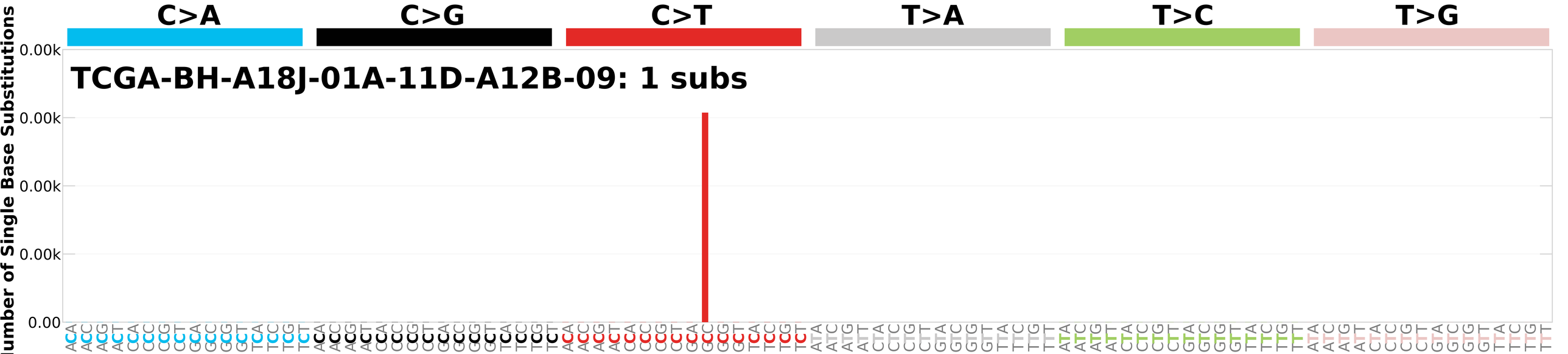
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T>G
TCGA-BH-A18J-01A-11D-A12B-09: 1 subs
Number of Single Base Substitutions
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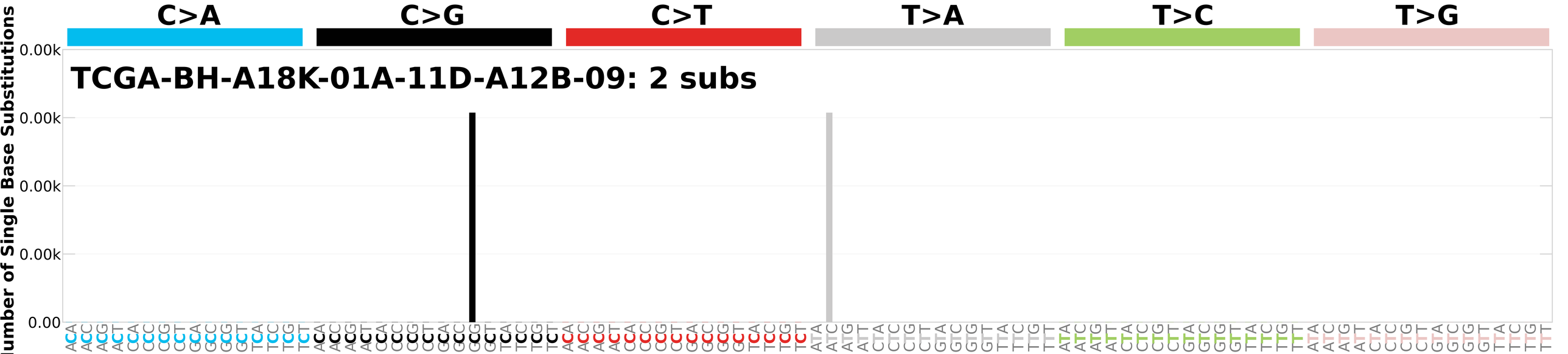
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T>G
TCGA-BH-A18K-01A-11D-A12B-09: 2 subs
Number of Single Base Substitutions
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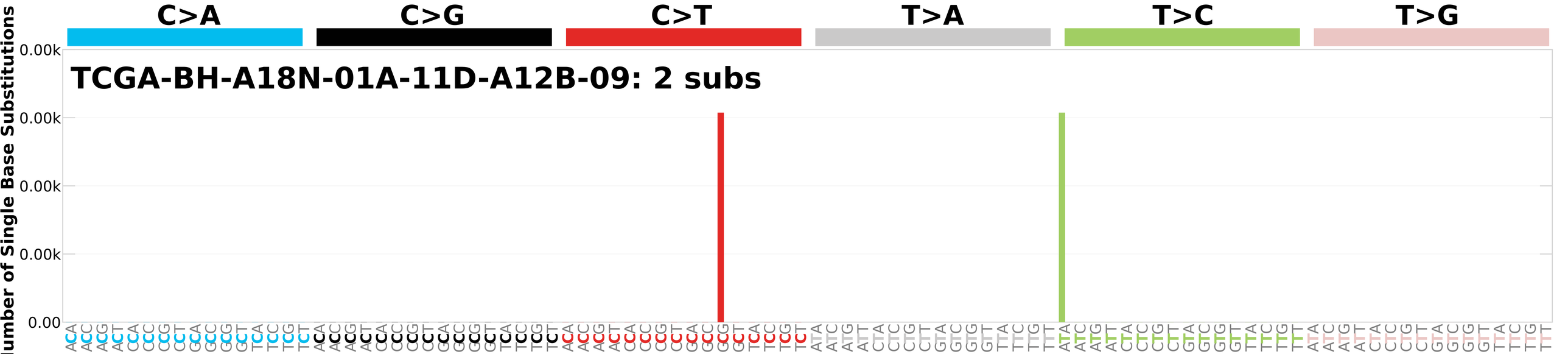
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T>G
TCGA-BH-A18N-01A-11D-A12B-09: 2 subs
Number of Single Base Substitutions
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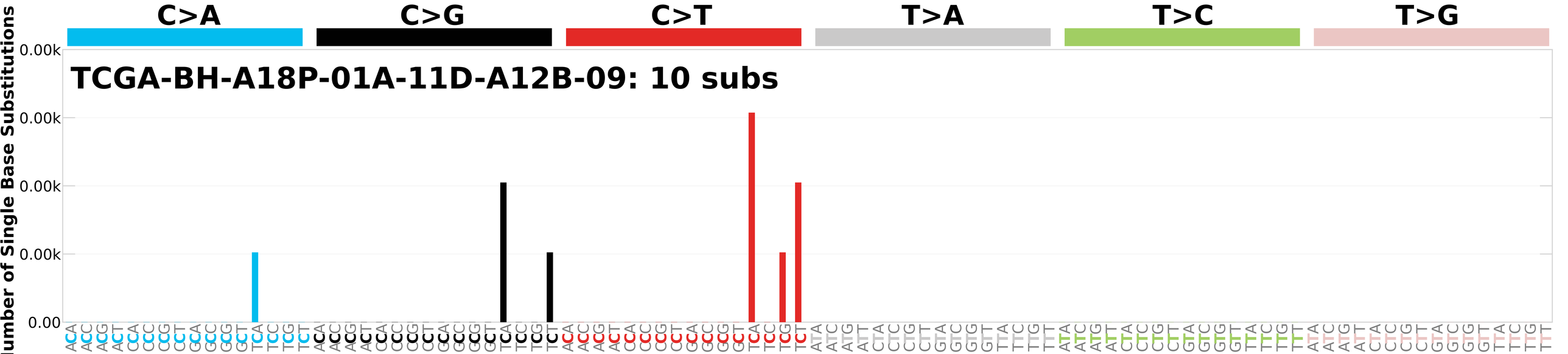
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T>C
T>G
TCGA-BH-A18P-01A-11D-A12B-09: 10 subs
Number of Single Base Substitutions
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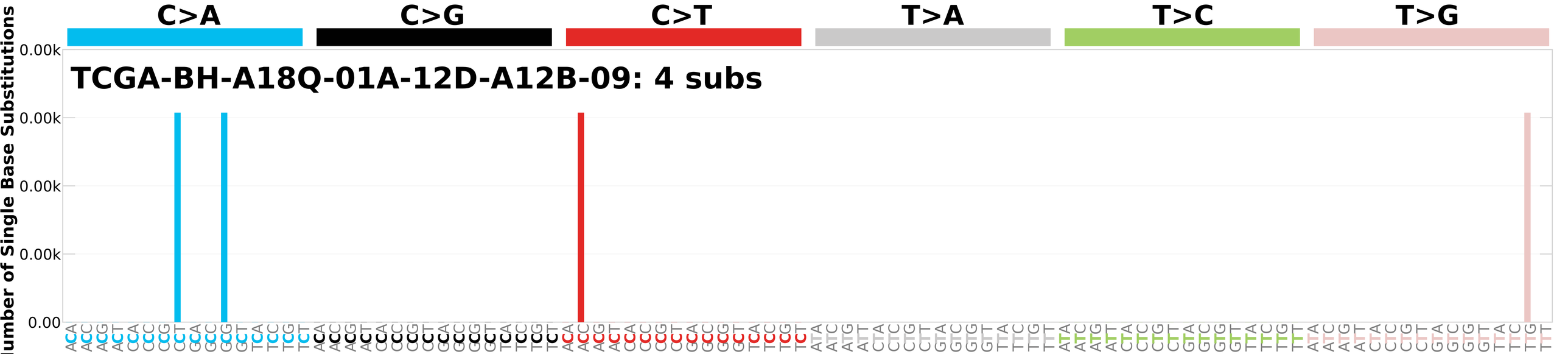
C>A
C>G
C>T
T>A
T>C
T>G
TCGA-BH-A18Q-01A-12D-A12B-09: 4 subs
Number of Single Base Substitutions
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0.00k
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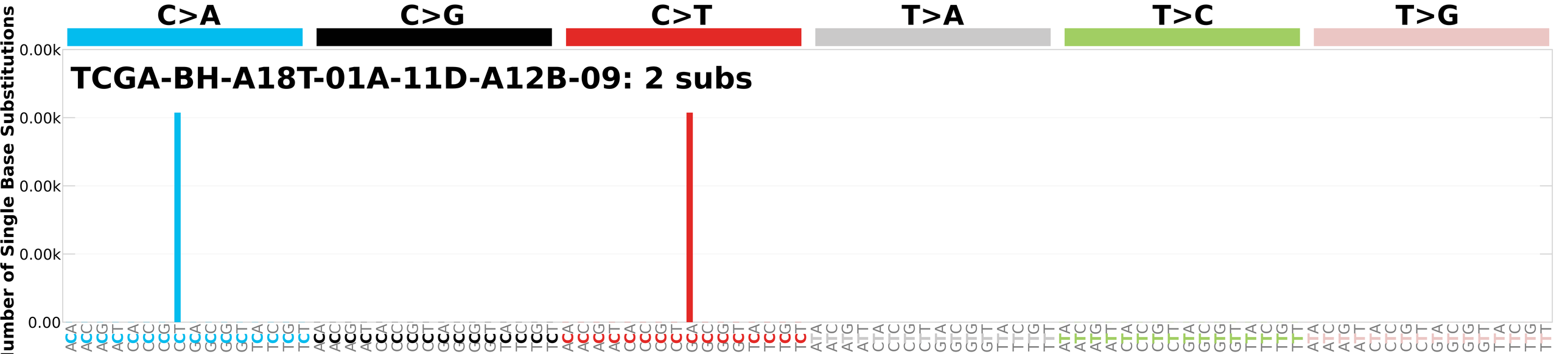
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T>A
T>C
T>G
TCGA-BH-A18T-01A-11D-A12B-09: 2 subs
Number of Single Base Substitutions
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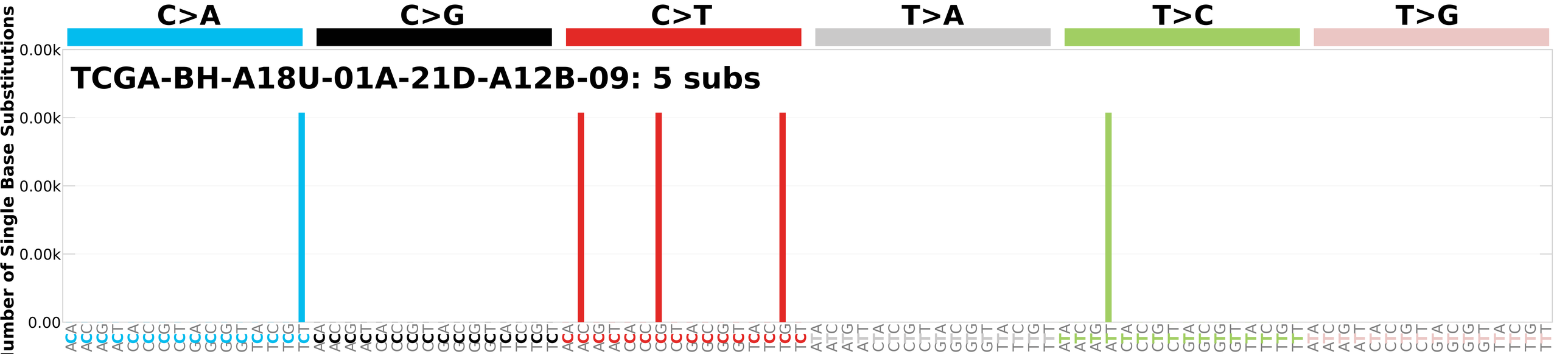
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C>G
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T>G
TCGA-BH-A18U-01A-21D-A12B-09: 5 subs
Number of Single Base Substitutions
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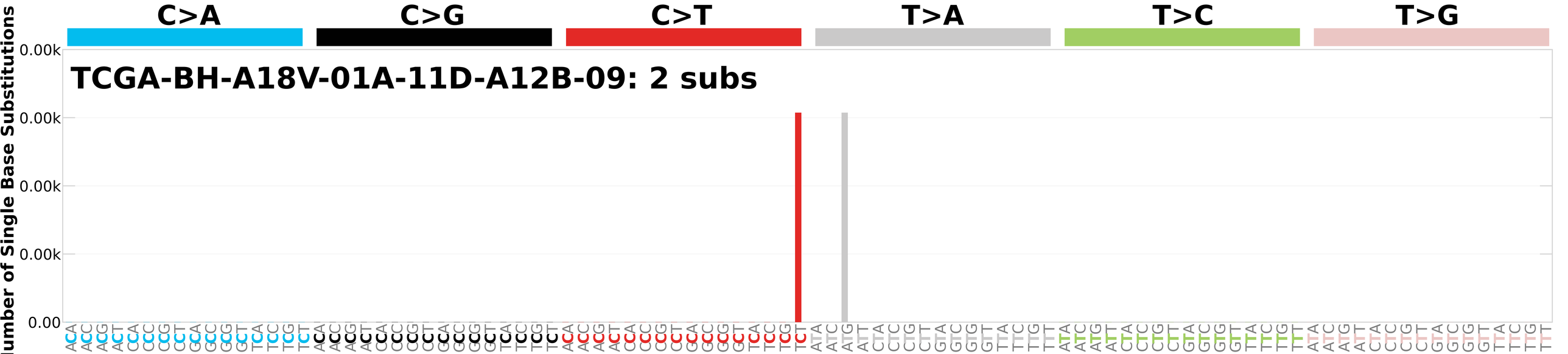
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T>G
TCGA-BH-A18V-01A-11D-A12B-09: 2 subs
Number of Single Base Substitutions
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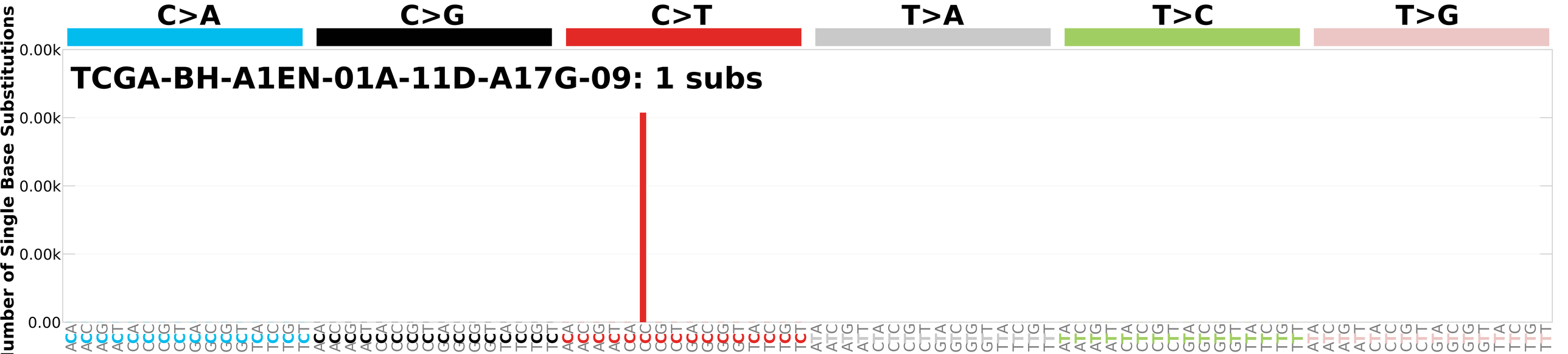
C>A
C>G
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T>G
TCGA-BH-A1EN-01A-11D-A17G-09: 1 subs
Number of Single Base Substitutions
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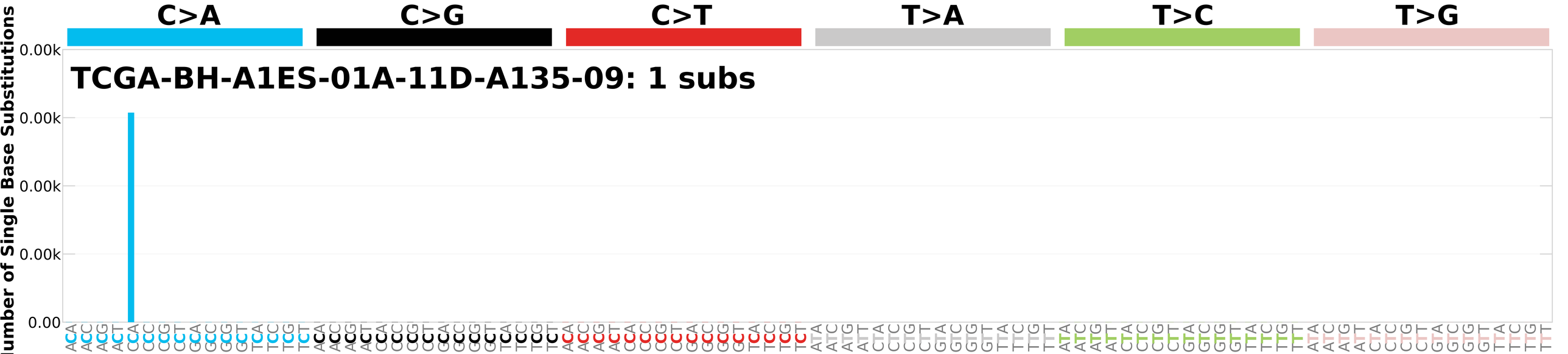
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TCGA-BH-A1ES-01A-11D-A135-09: 1 subs
Number of Single Base Substitutions
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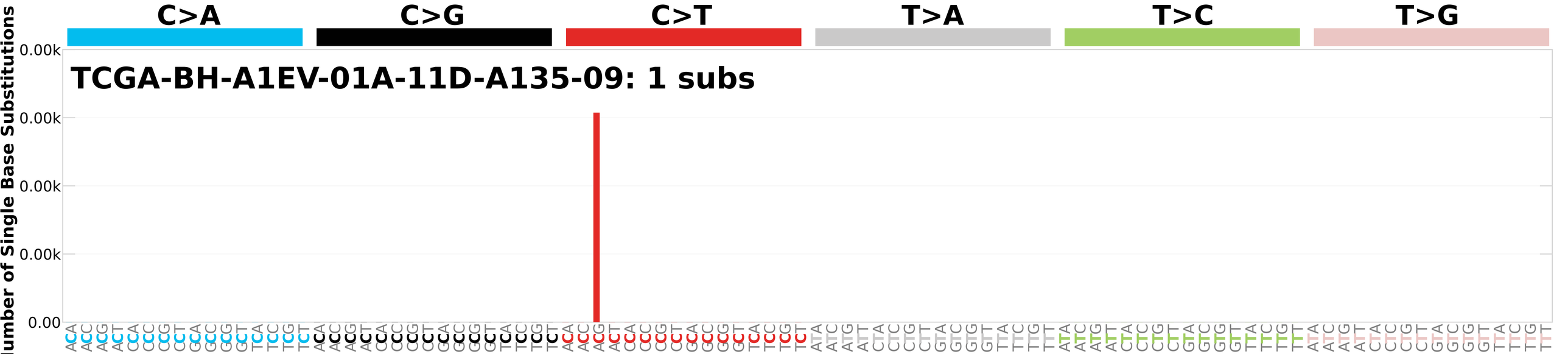
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T>G
TCGA-BH-A1EV-01A-11D-A135-09: 1 subs
Number of Single Base Substitutions
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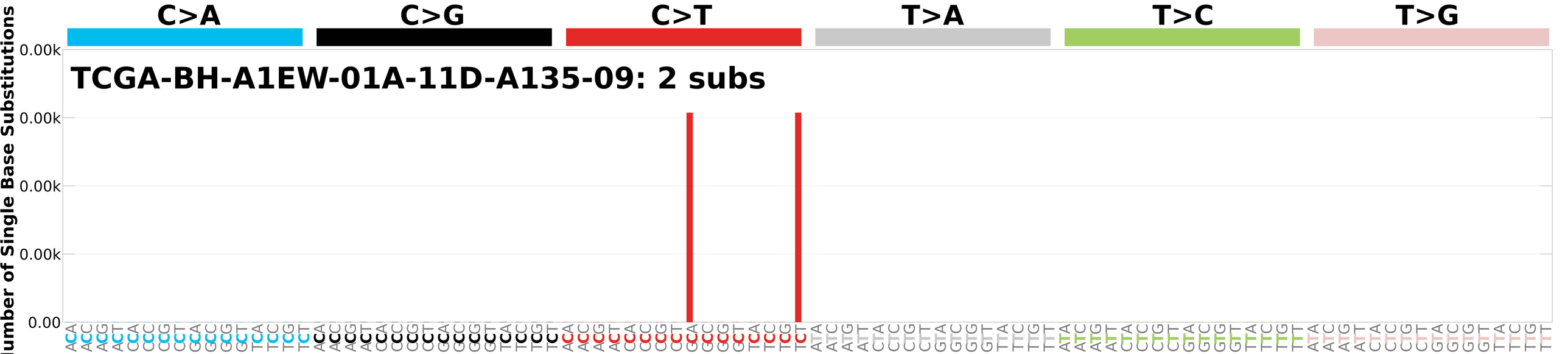
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T>G
TCGA-BH-A1EW-01A-11D-A135-09: 2 subs
Number of Single Base Substitutions
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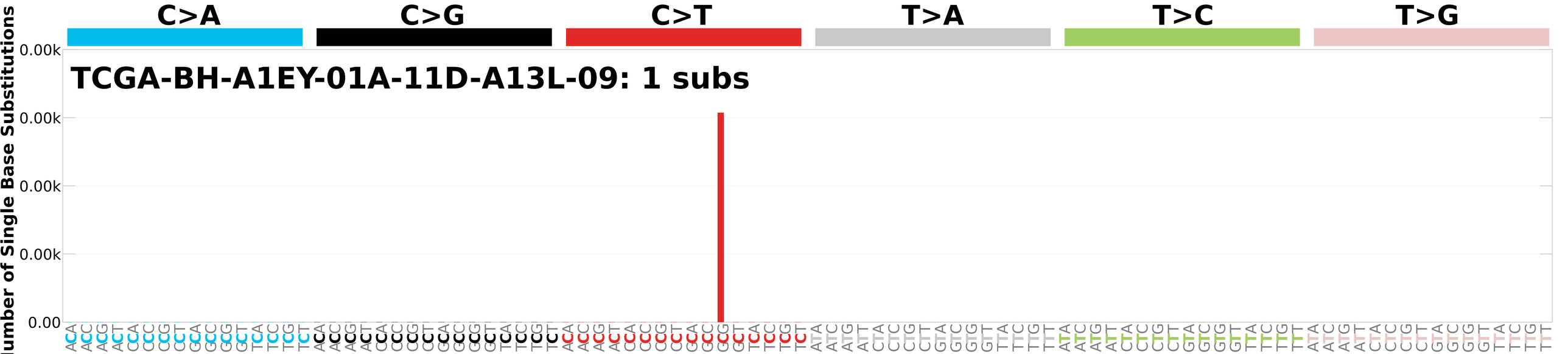
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T>C
T>G
TCGA-BH-A1EY-01A-11D-A13L-09: 1 subs
Number of Single Base Substitutions
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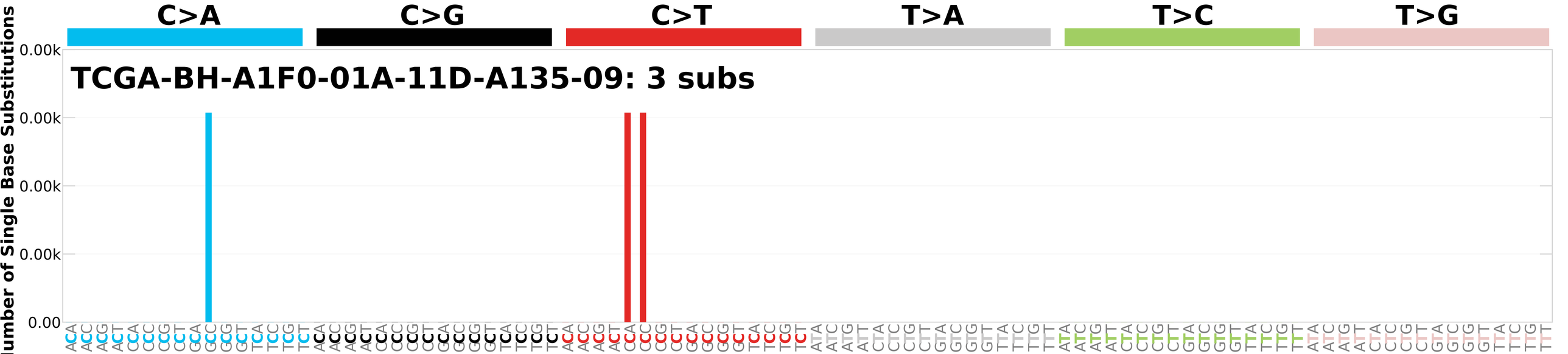
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T>G
TCGA-BH-A1F0-01A-11D-A135-09: 3 subs
Number of Single Base Substitutions
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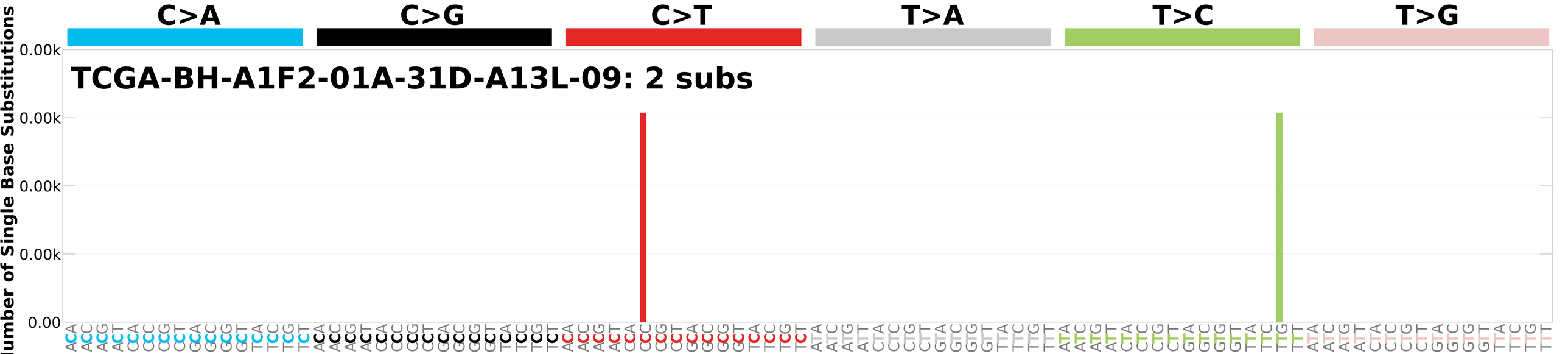
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TCGA-BH-A1F2-01A-31D-A13L-09: 2 subs
Number of Single Base Substitutions
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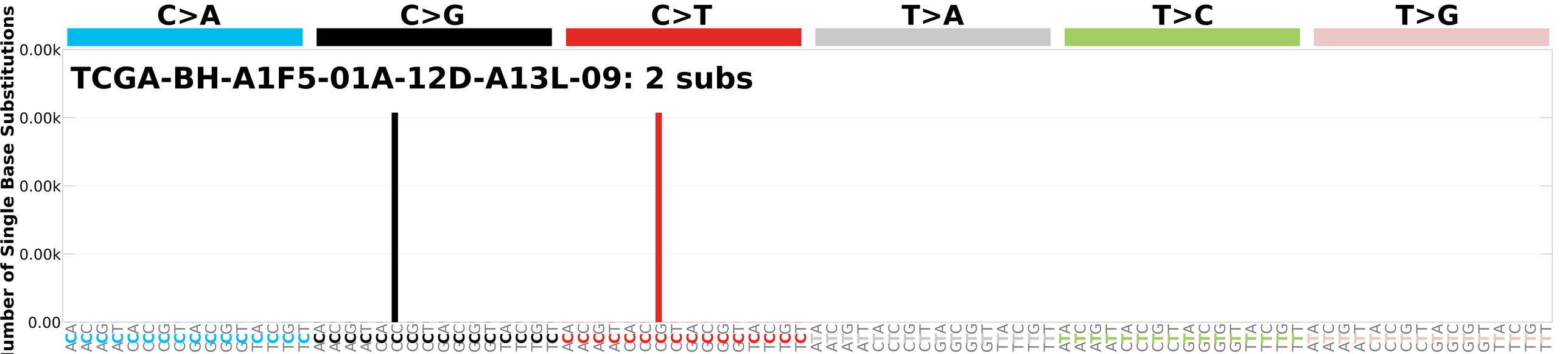
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TCGA-BH-A1F5-01A-12D-A13L-09: 2 subs
Number of Single Base Substitutions
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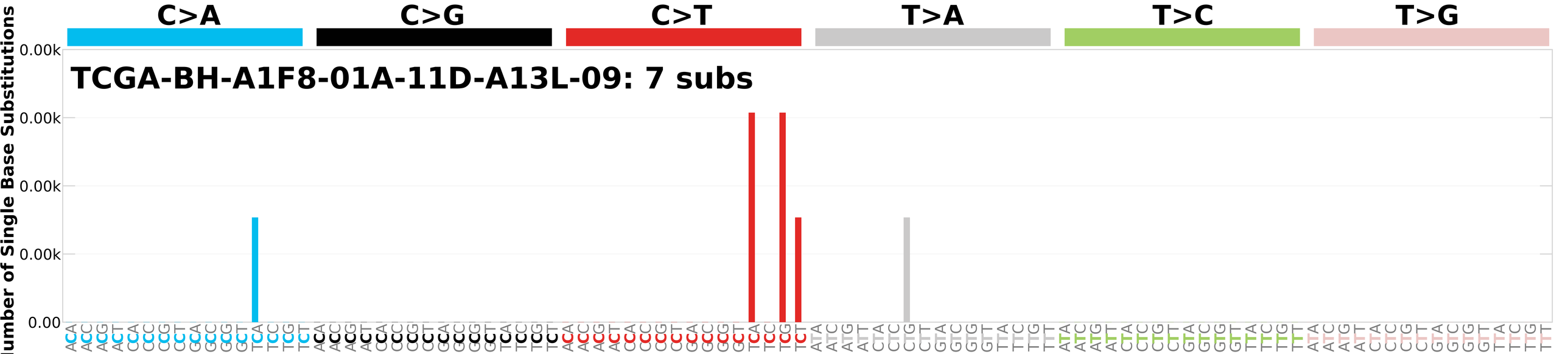
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TCGA-BH-A1F8-01A-11D-A13L-09: 7 subs
Number of Single Base Substitutions
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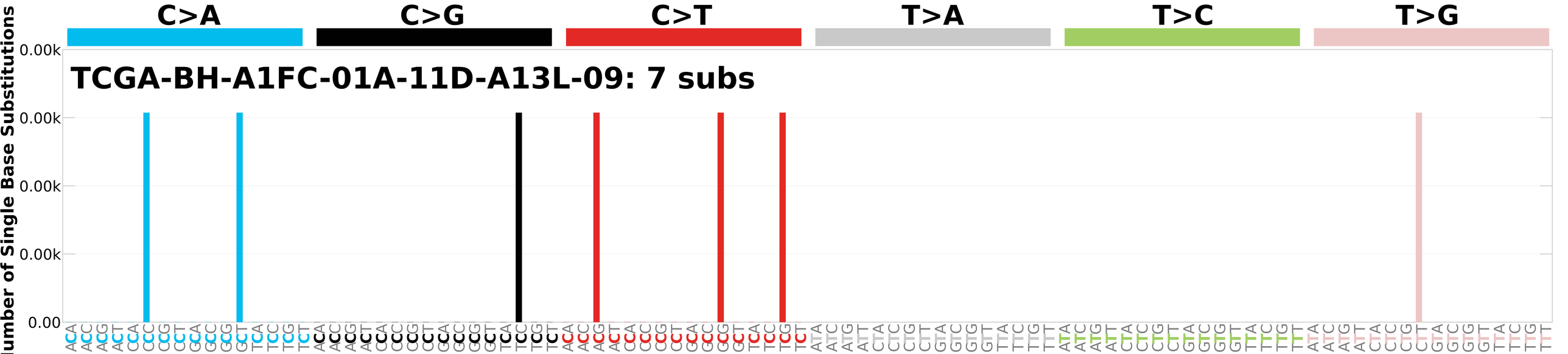
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T>G
TCGA-BH-A1FC-01A-11D-A13L-09: 7 subs
Number of Single Base Substitutions
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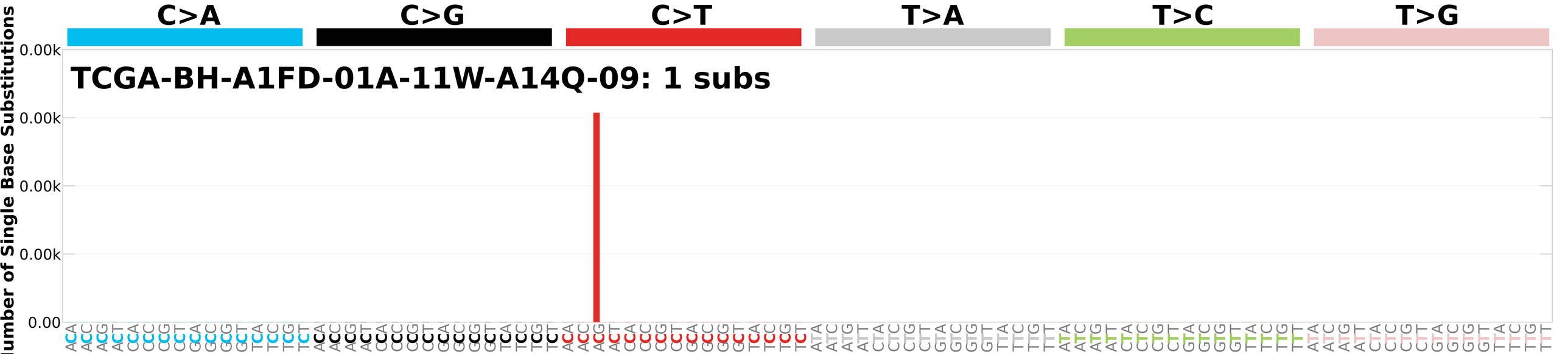
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TCGA-BH-A1FD-01A-11W-A14Q-09: 1 subs
Number of Single Base Substitutions
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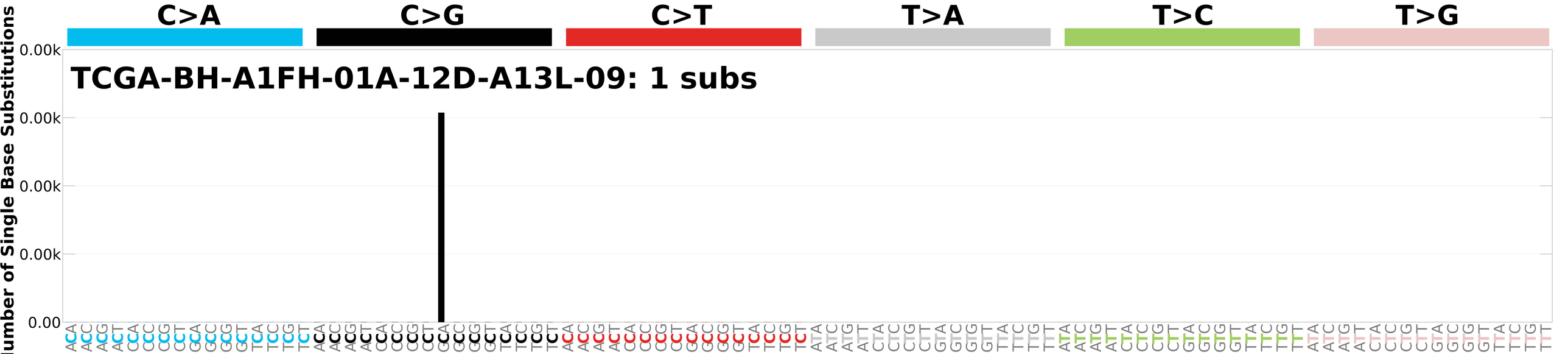
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TCGA-BH-A1FH-01A-12D-A13L-09: 1 subs
Number of Single Base Substitutions
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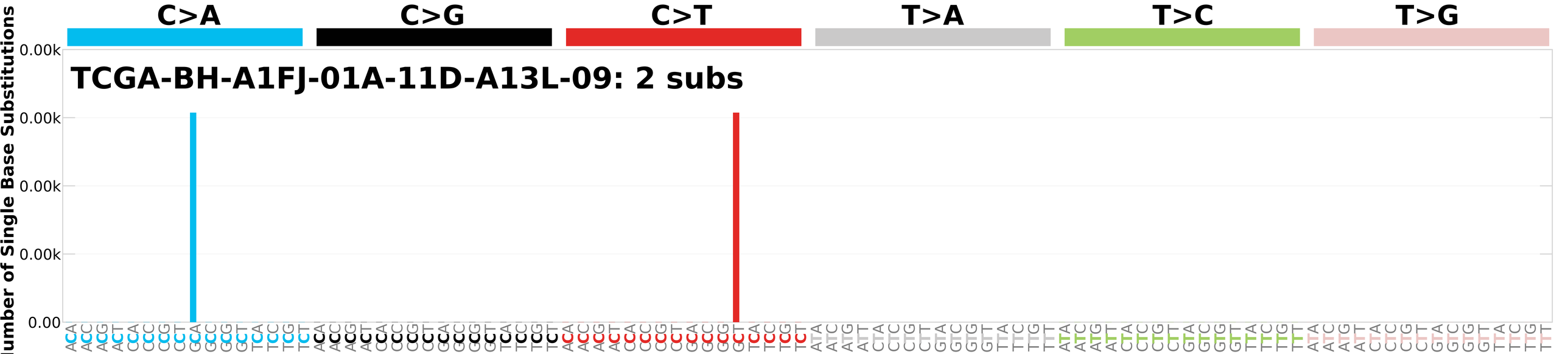
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TCGA-BH-A1FJ-01A-11D-A13L-09: 2 subs
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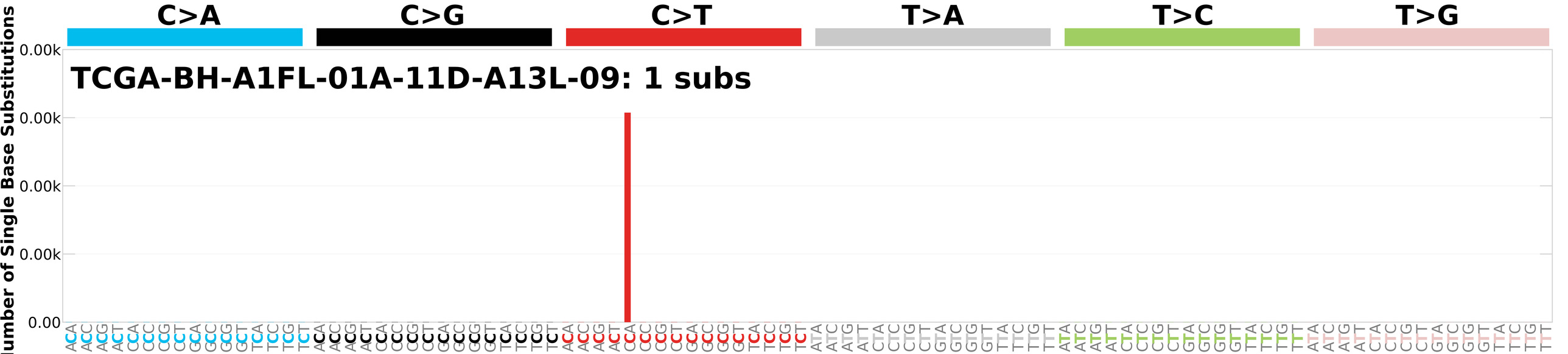
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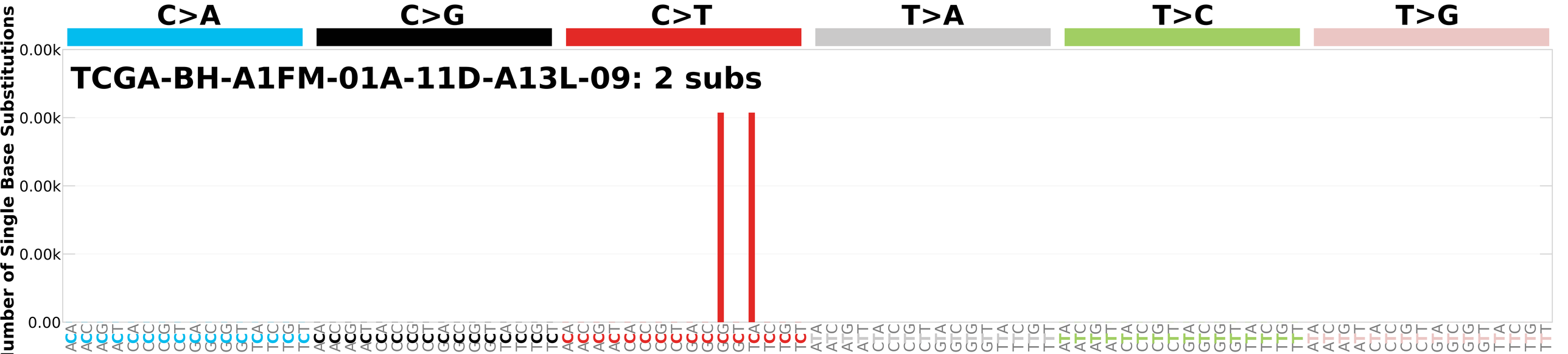
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TCGA-BH-A1FM-01A-11D-A13L-09: 2 subs
Number of Single Base Substitutions
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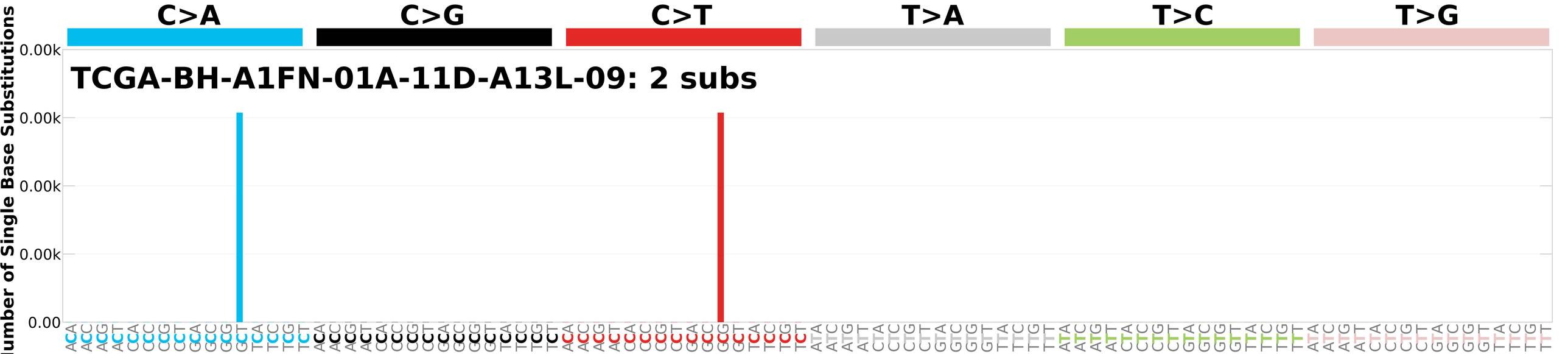
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TCGA-BH-A1FN-01A-11D-A13L-09: 2 subs
Number of Single Base Substitutions
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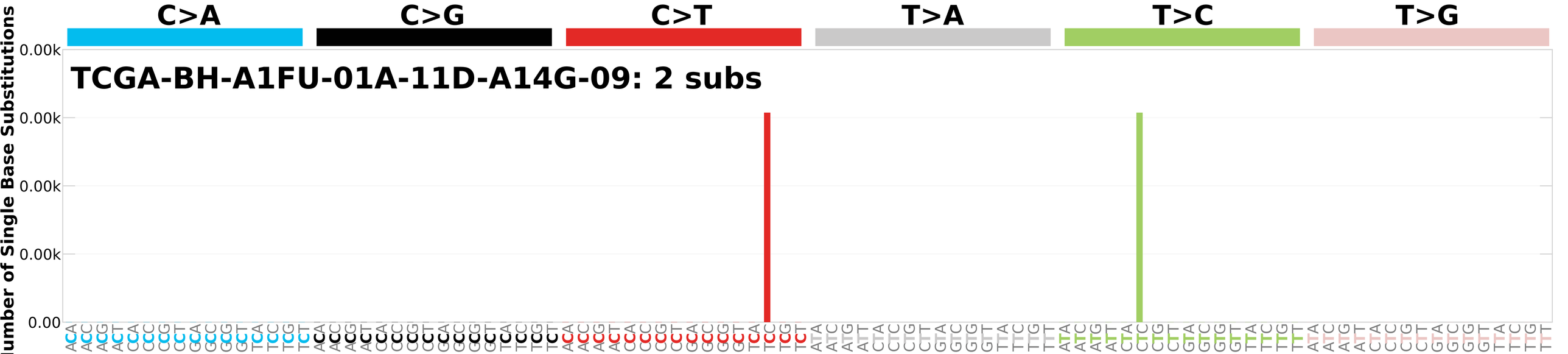
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Number of Single Base Substitutions
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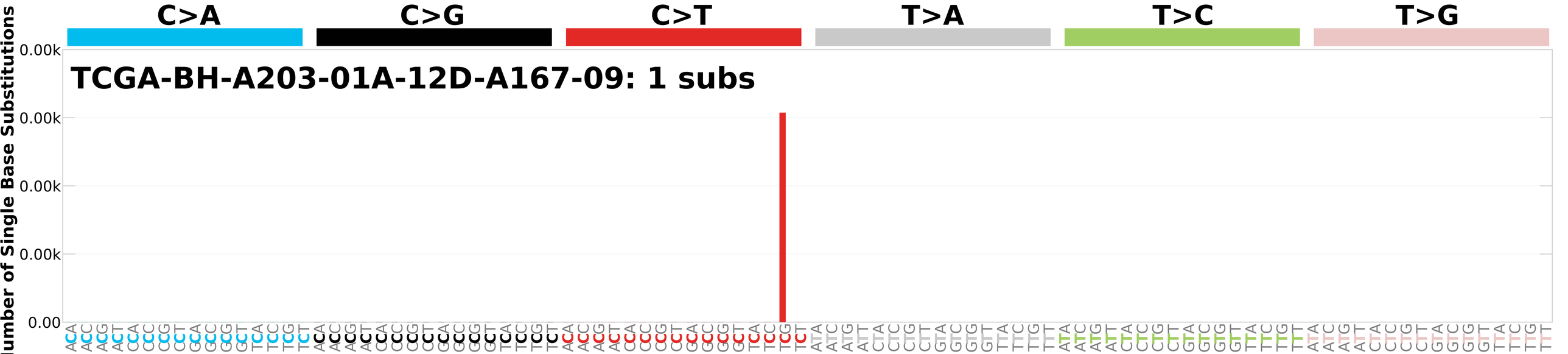
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T>G
TCGA-BH-A203-01A-12D-A167-09: 1 subs
Number of Single Base Substitutions
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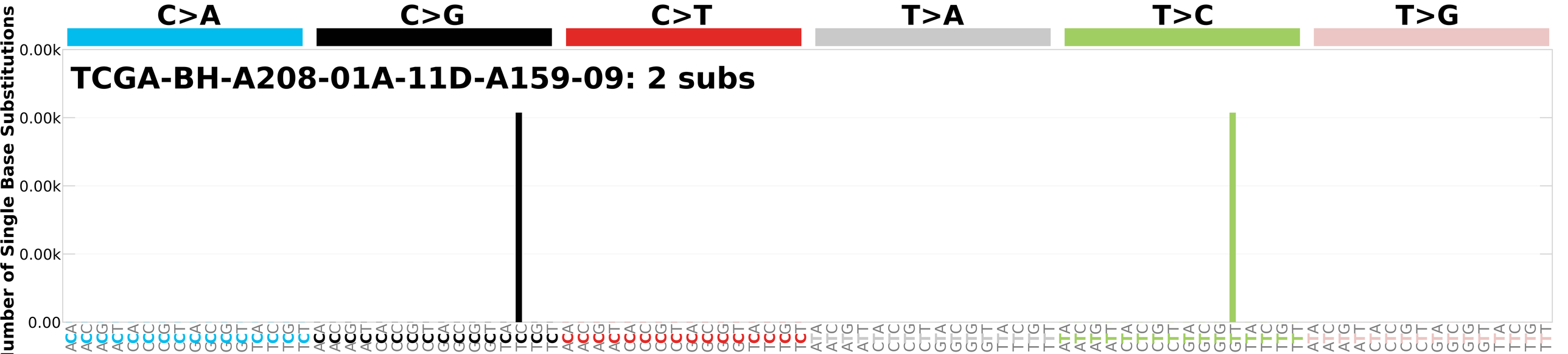
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TCGA-BH-A208-01A-11D-A159-09: 2 subs
Number of Single Base Substitutions
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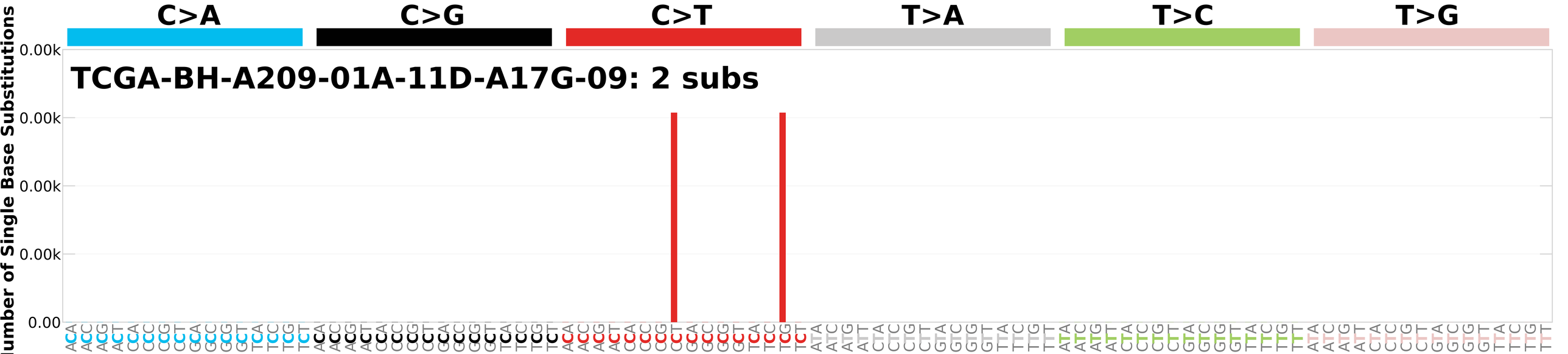
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TCGA-BH-A209-01A-11D-A17G-09: 2 subs
Number of Single Base Substitutions
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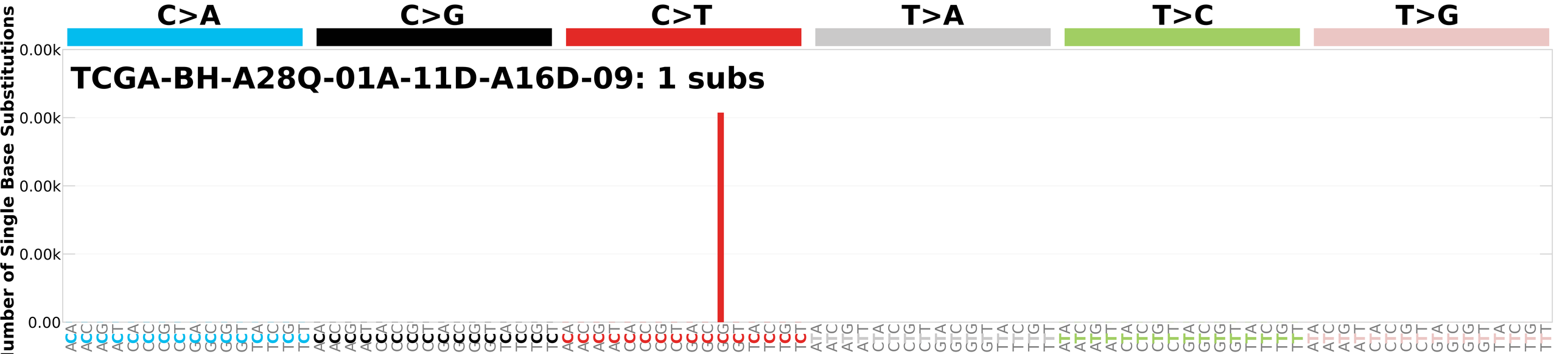
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C>T
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T>C
T>G
TCGA-BH-A28Q-01A-11D-A16D-09: 1 subs
Number of Single Base Substitutions
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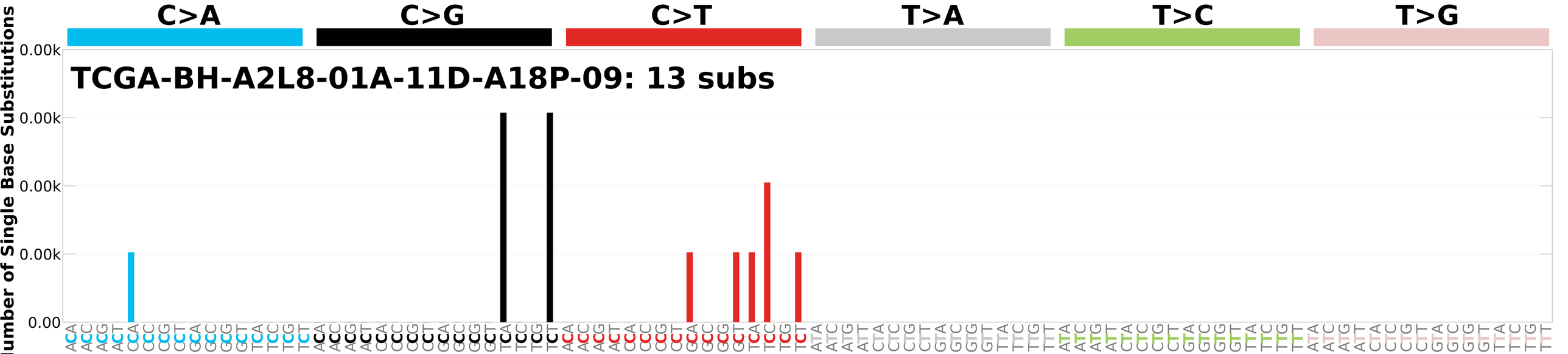
C>A
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T>C
T>G
TCGA-BH-A2L8-01A-11D-A18P-09: 13 subs
Number of Single Base Substitutions
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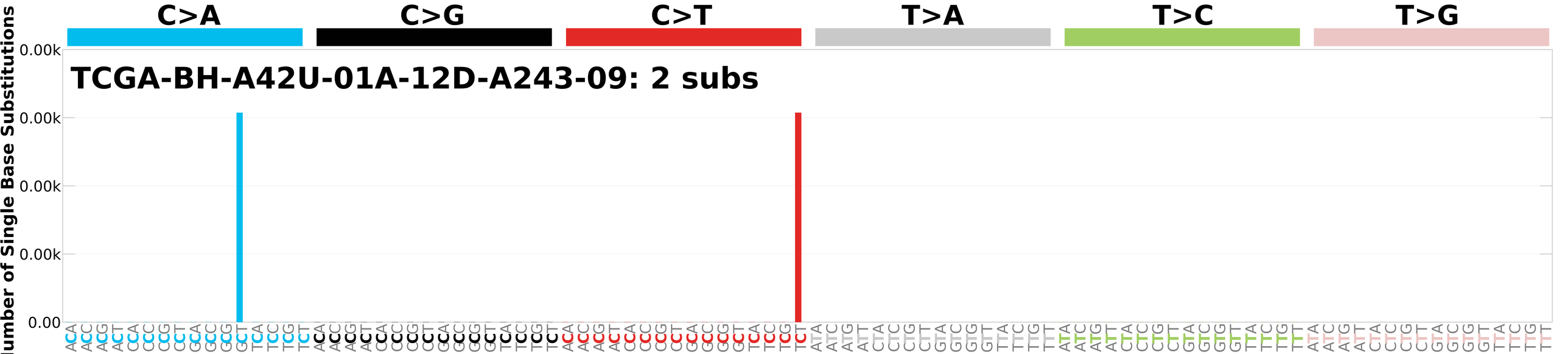
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T>G
TCGA-BH-A42U-01A-12D-A243-09: 2 subs
Number of Single Base Substitutions
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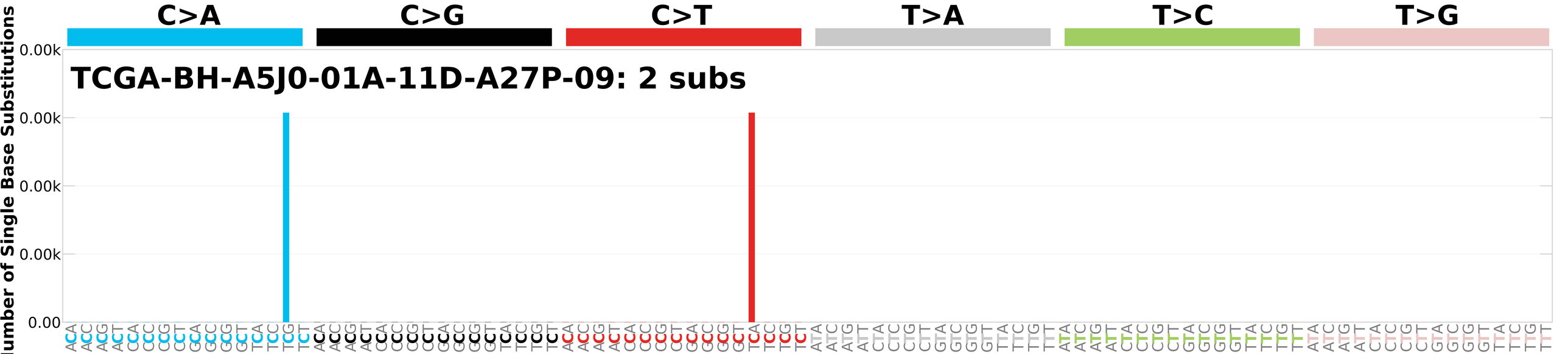
C>A
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T>C
T>G
TCGA-BH-A5J0-01A-11D-A27P-09: 2 subs
Number of Single Base Substitutions
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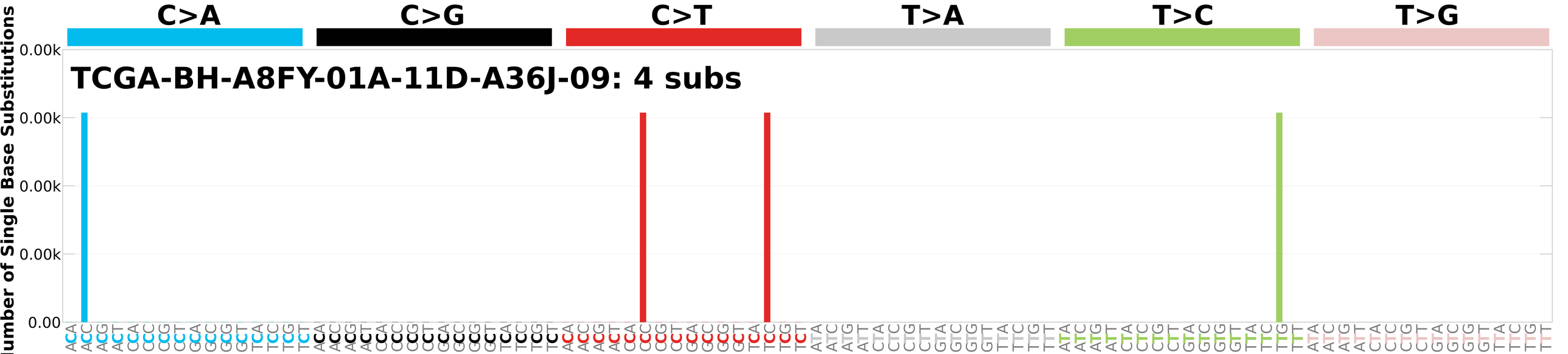
C>A
C>G
C>T
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T>C
T>G
TCGA-BH-A8FY-01A-11D-A36J-09: 4 subs
Number of Single Base Substitutions
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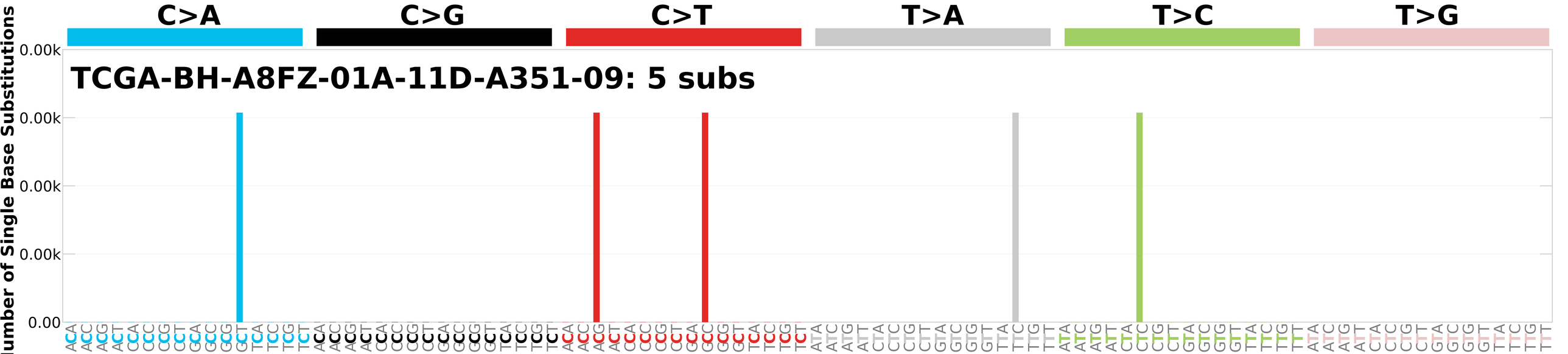
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T>G
TCGA-BH-A8FZ-01A-11D-A351-09: 5 subs
Number of Single Base Substitutions
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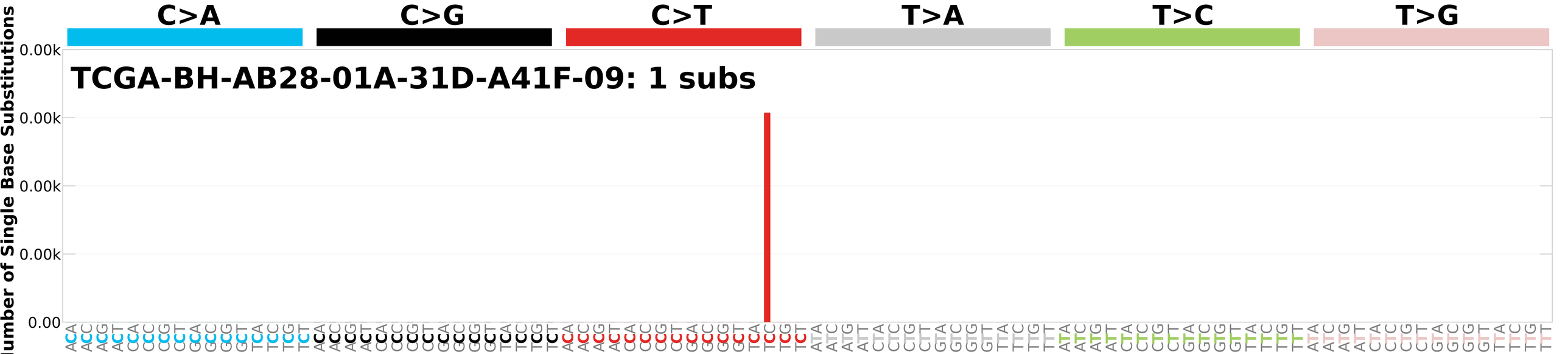
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C>G
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T>C
T>G
TCGA-BH-AB28-01A-31D-A41F-09: 1 subs
Number of Single Base Substitutions
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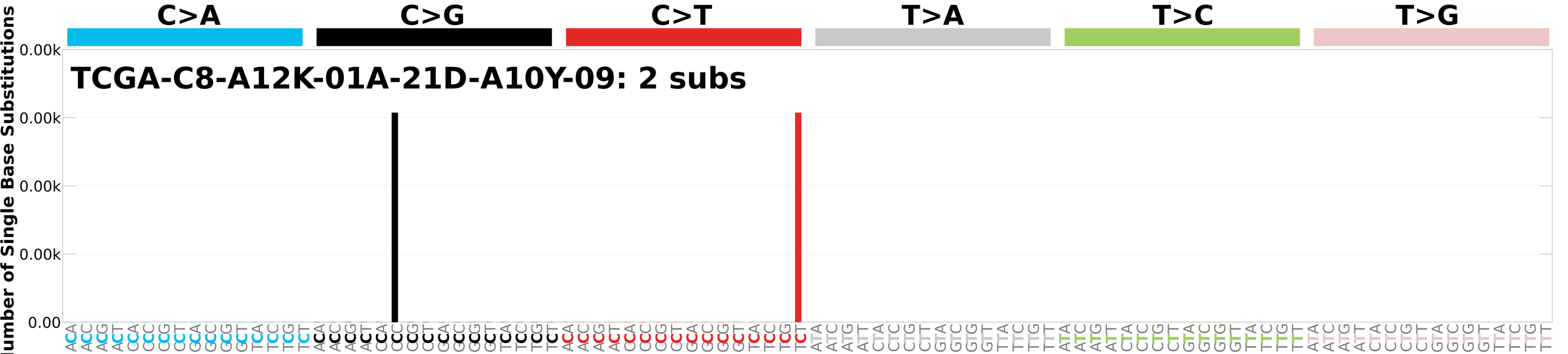
C>A
C>G
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T>C
T>G
TCGA-C8-A12K-01A-21D-A10Y-09: 2 subs
Number of Single Base Substitutions
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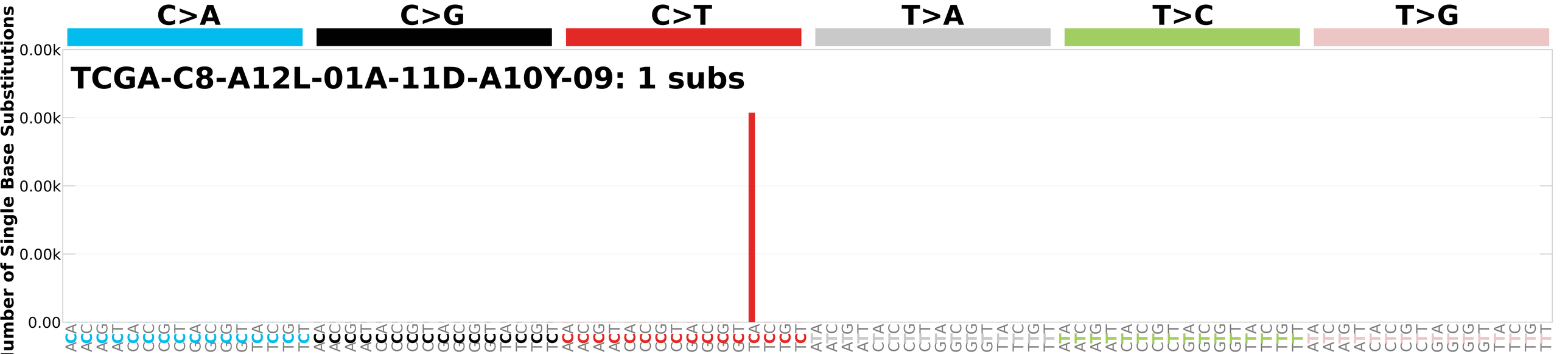
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T>C
T>G
TCGA-C8-A12L-01A-11D-A10Y-09: 1 subs
Number of Single Base Substitutions
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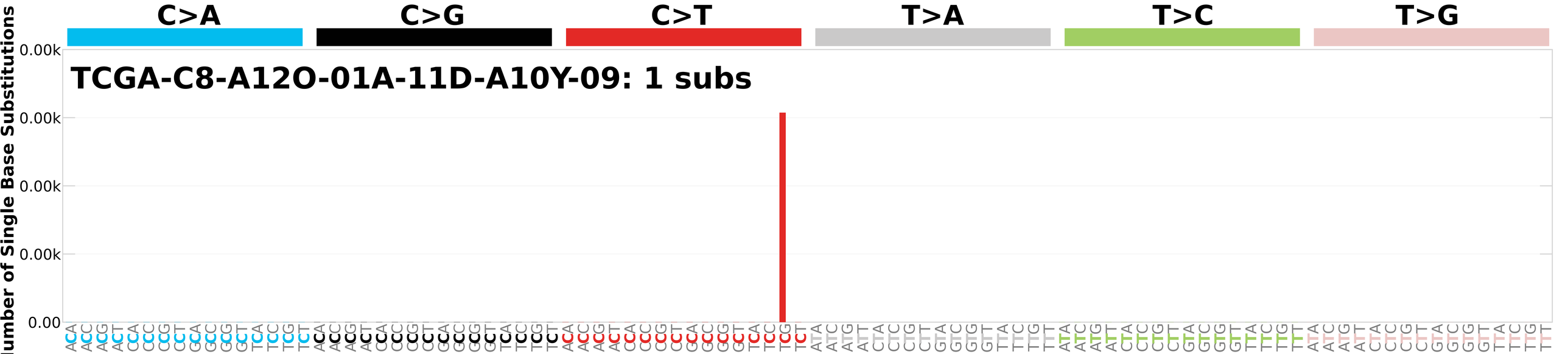
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T>A
T>C
T>G
TCGA-C8-A12O-01A-11D-A10Y-09: 1 subs
Number of Single Base Substitutions
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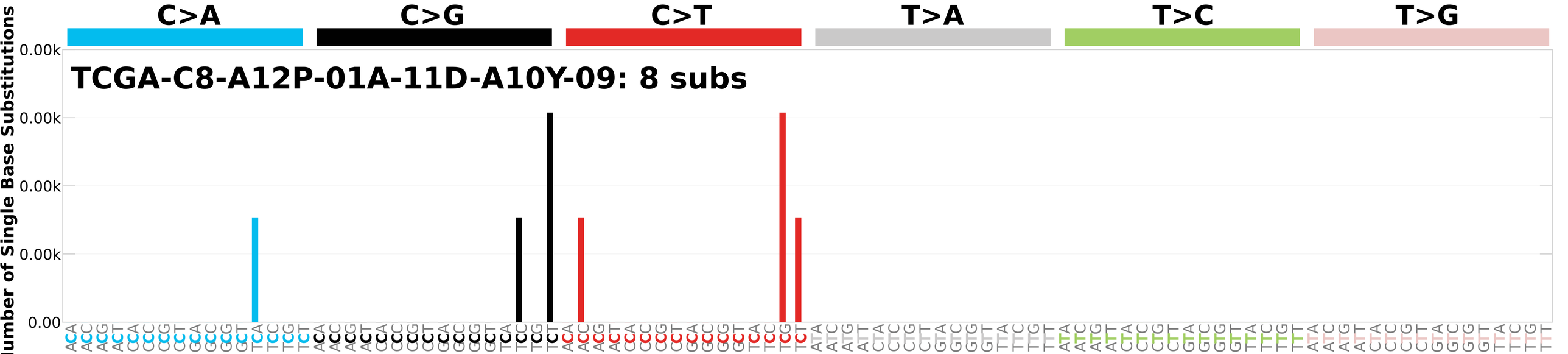
C>A
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T>C
T>G
TCGA-C8-A12P-01A-11D-A10Y-09: 8 subs
Number of Single Base Substitutions
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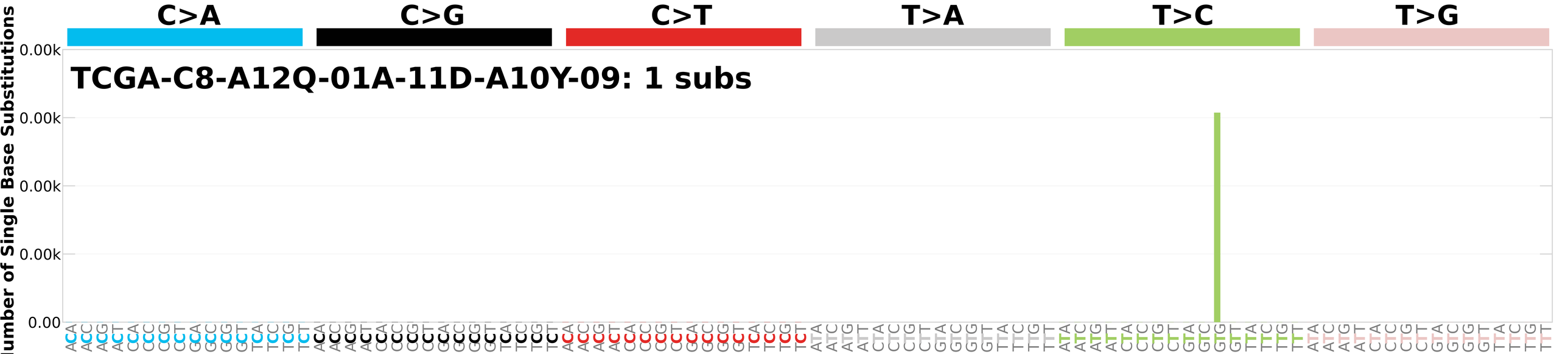
C>A
C>G
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T>C
T>G
TCGA-C8-A12Q-01A-11D-A10Y-09: 1 subs
Number of Single Base Substitutions
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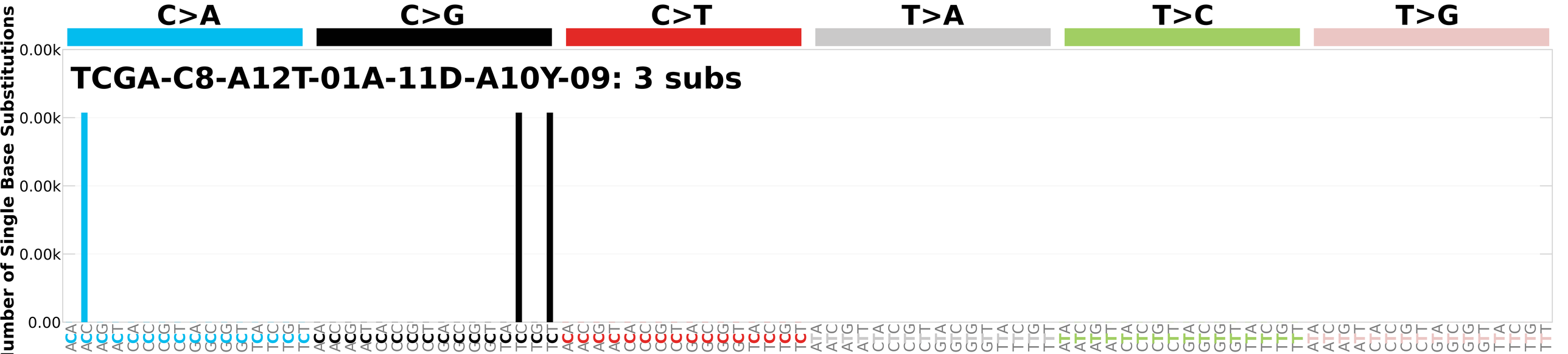
C>A
C>G
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T>C
T>G
TCGA-C8-A12T-01A-11D-A10Y-09: 3 subs
Number of Single Base Substitutions
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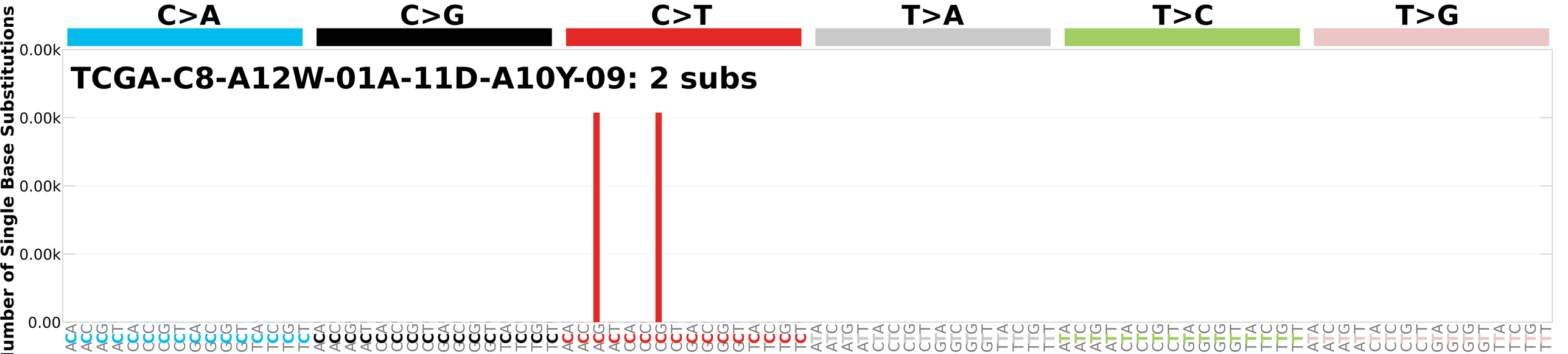
C>A
C>G
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T>C
T>G
TCGA-C8-A12W-01A-11D-A10Y-09: 2 subs
Number of Single Base Substitutions
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0.00k
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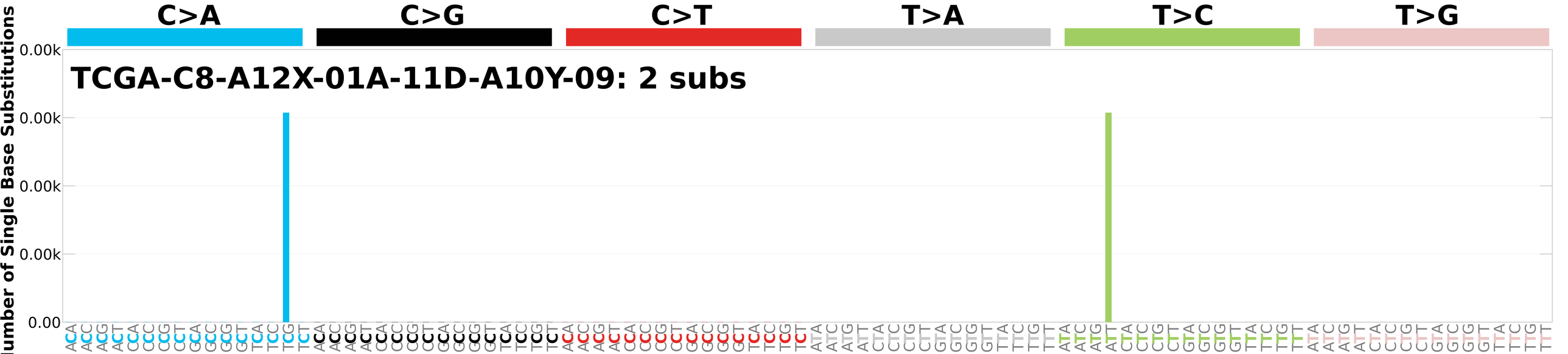
C>A
C>G
C>T
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T>C
T>G
TCGA-C8-A12X-01A-11D-A10Y-09: 2 subs
Number of Single Base Substitutions
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0.00k
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0.00k
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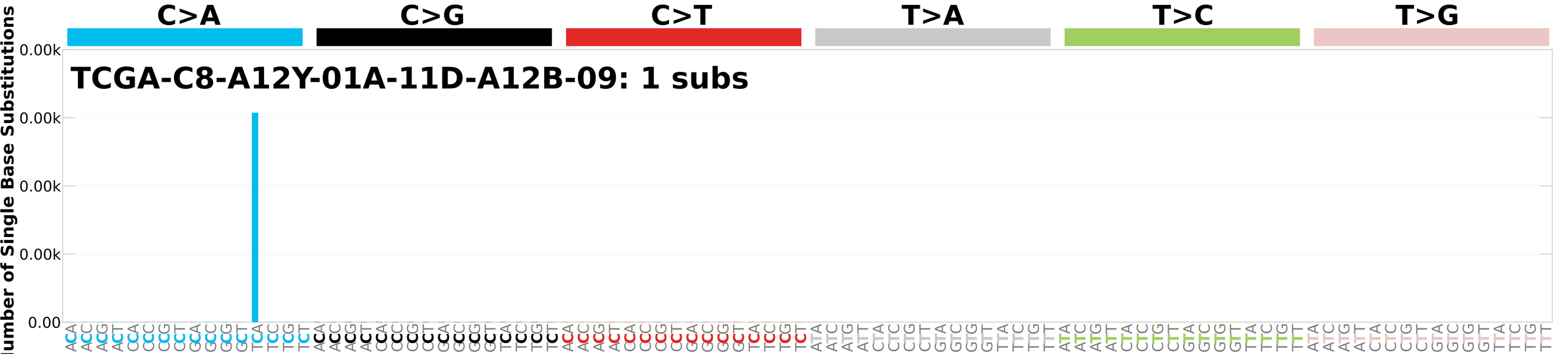
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T>C
T>G
TCGA-C8-A12Y-01A-11D-A12B-09: 1 subs
Number of Single Base Substitutions
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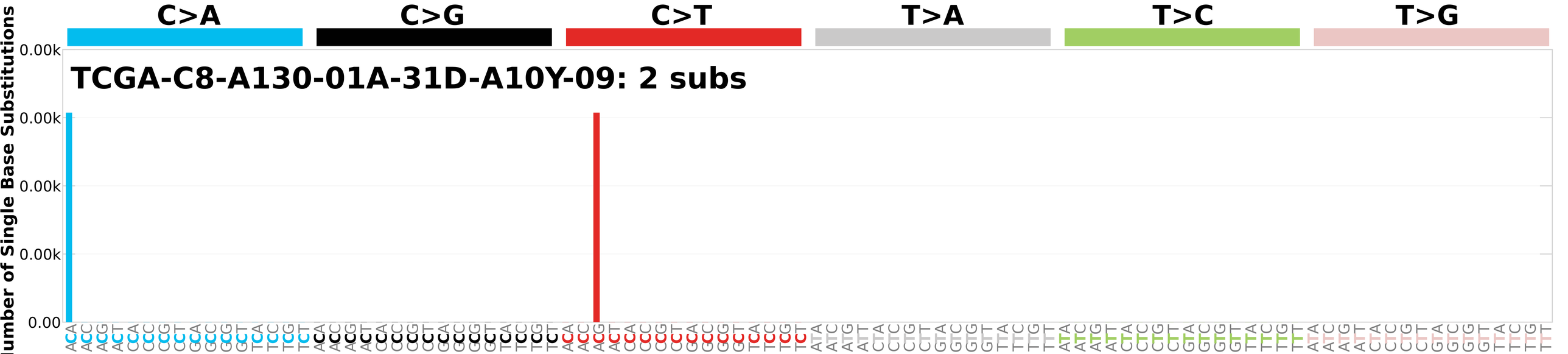
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T>G
TCGA-C8-A130-01A-31D-A10Y-09: 2 subs
Number of Single Base Substitutions
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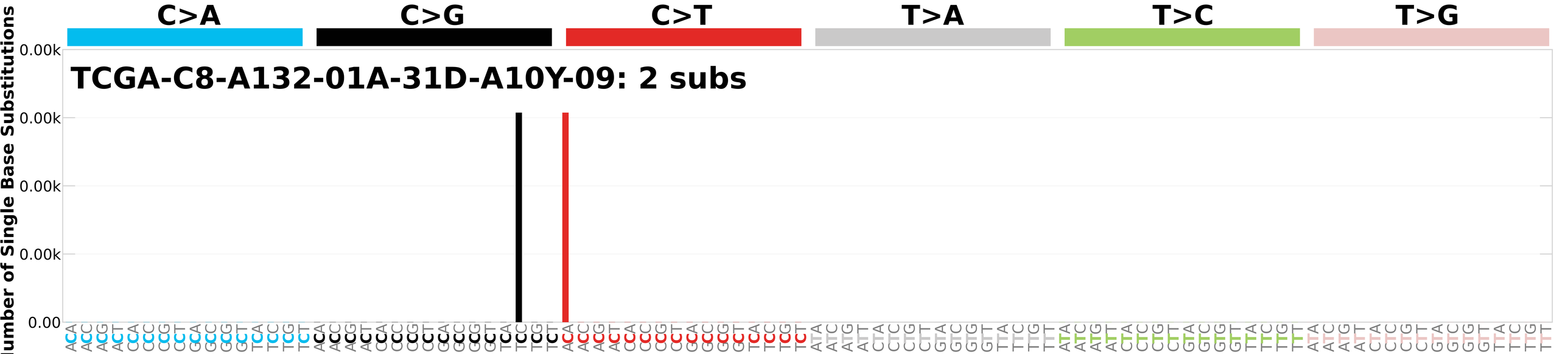
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T>G
TCGA-C8-A132-01A-31D-A10Y-09: 2 subs
Number of Single Base Substitutions
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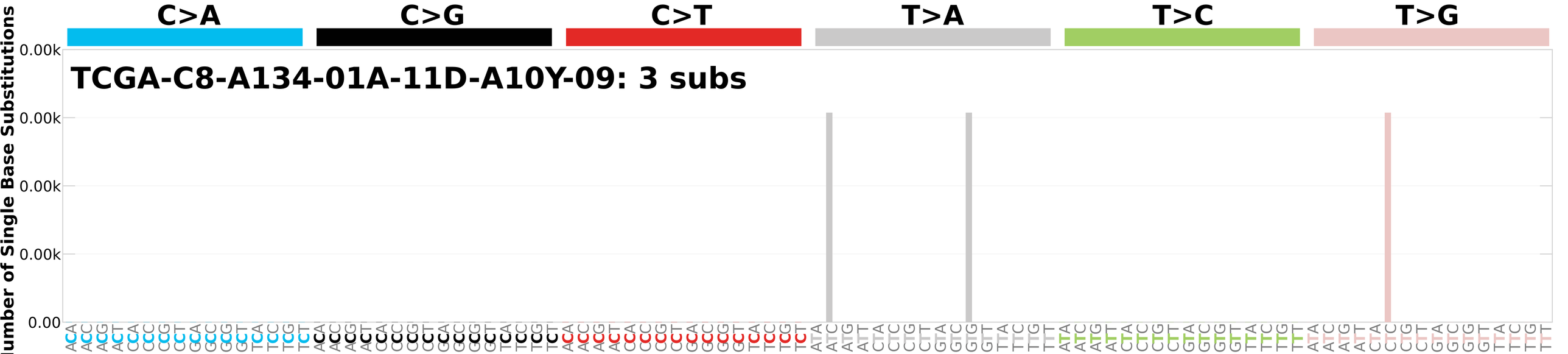
C>A
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T>C
T>G
TCGA-C8-A134-01A-11D-A10Y-09: 3 subs
Number of Single Base Substitutions
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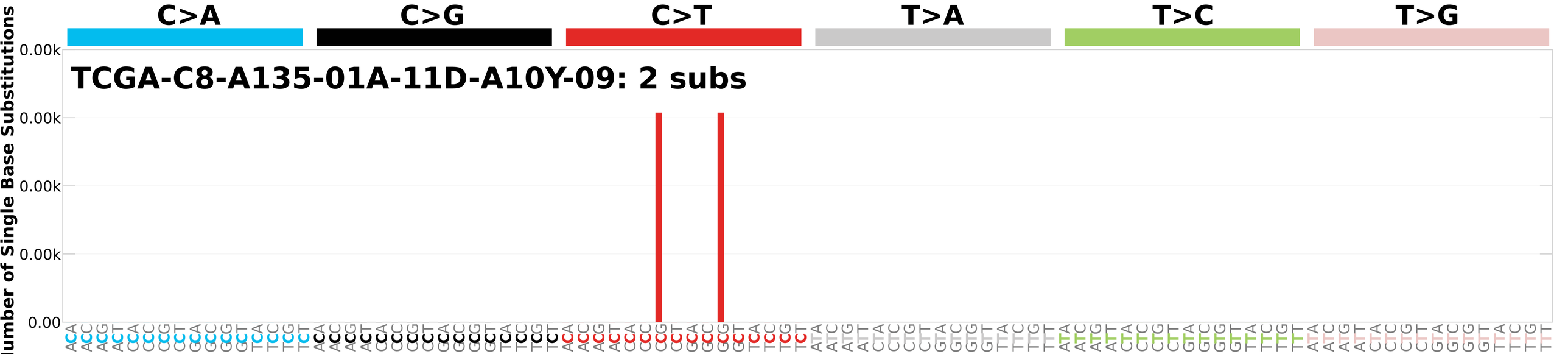
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T>G
TCGA-C8-A135-01A-11D-A10Y-09: 2 subs
Number of Single Base Substitutions
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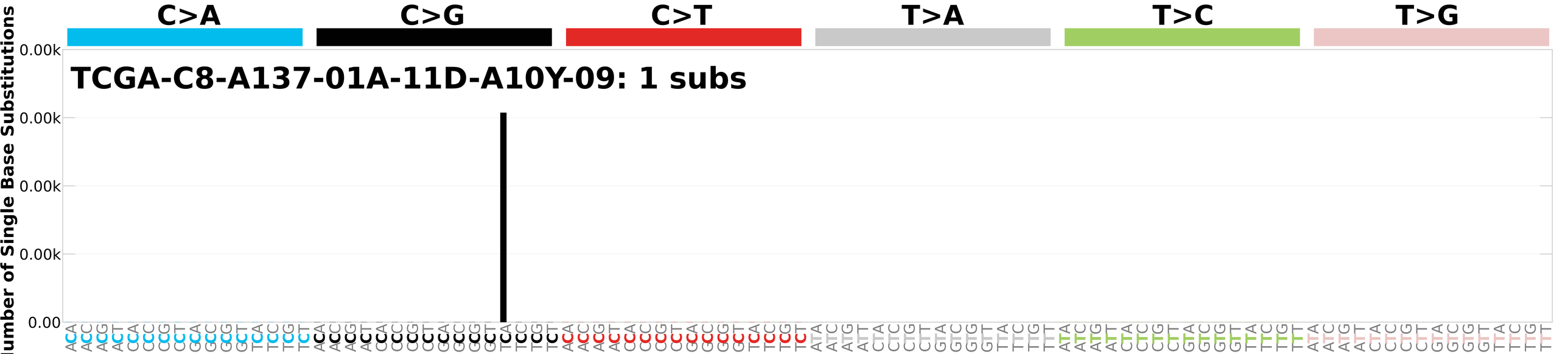
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C>G
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T>G
TCGA-C8-A137-01A-11D-A10Y-09: 1 subs
Number of Single Base Substitutions
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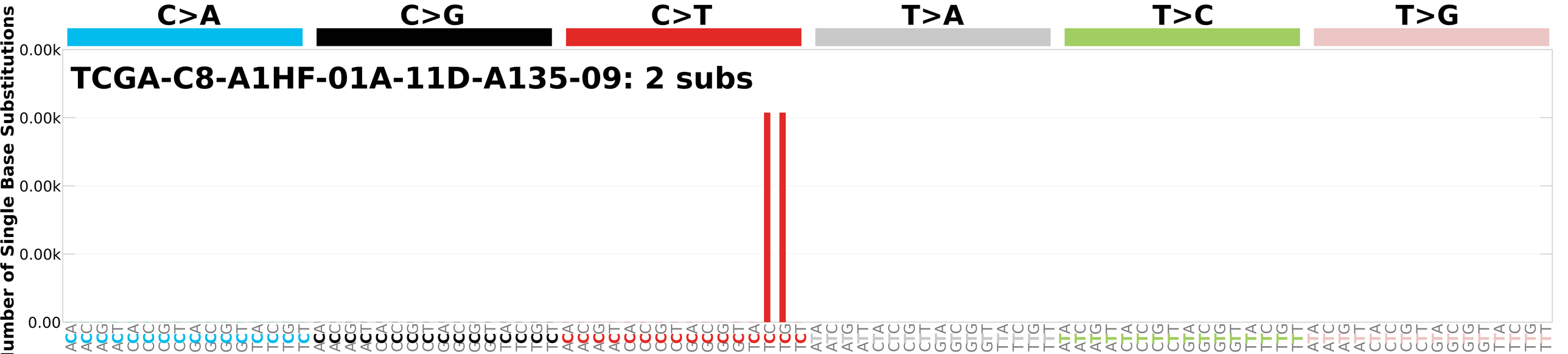
C>A
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T>G
TCGA-C8-A1HF-01A-11D-A135-09: 2 subs
Number of Single Base Substitutions
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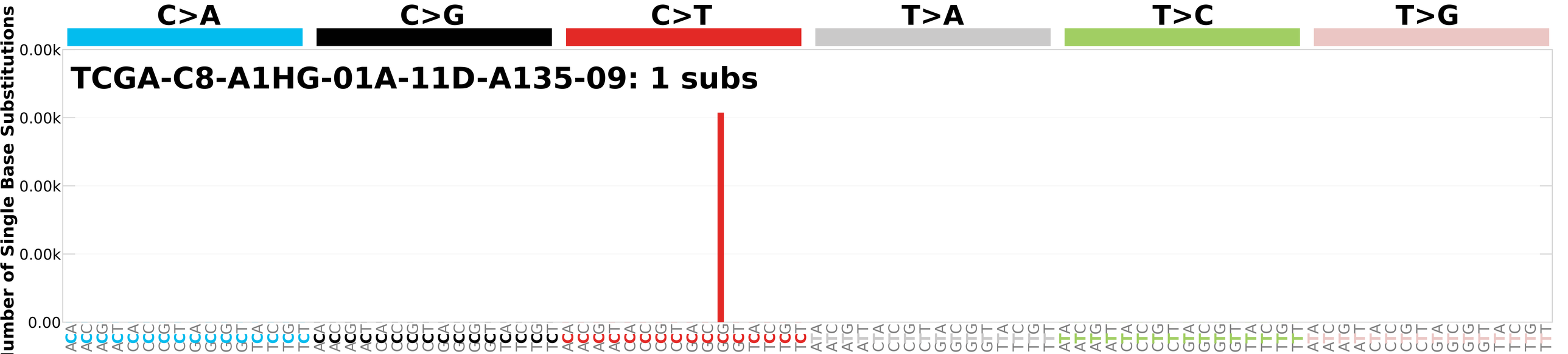
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TCGA-C8-A1HG-01A-11D-A135-09: 1 subs
Number of Single Base Substitutions
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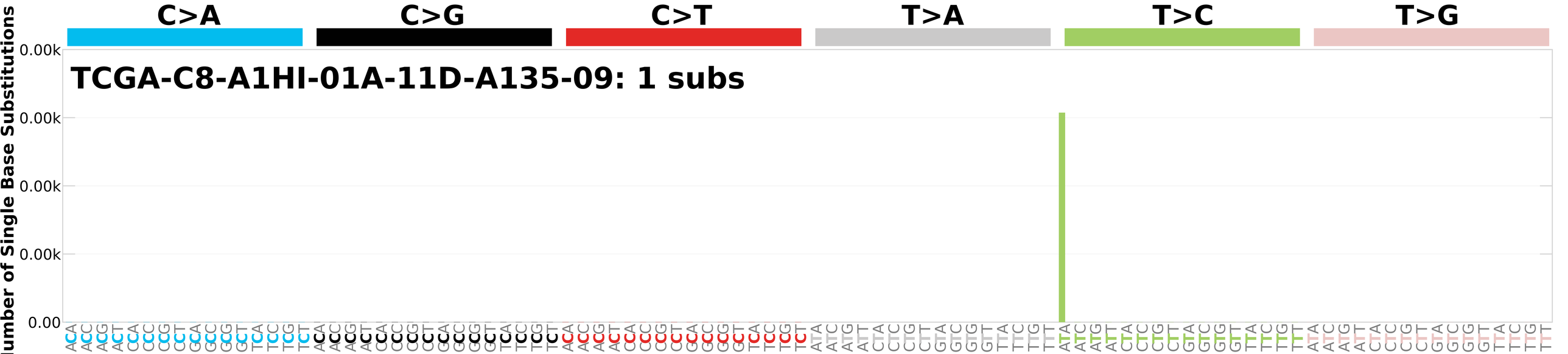
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T>G
TCGA-C8-A1HI-01A-11D-A135-09: 1 subs
Number of Single Base Substitutions
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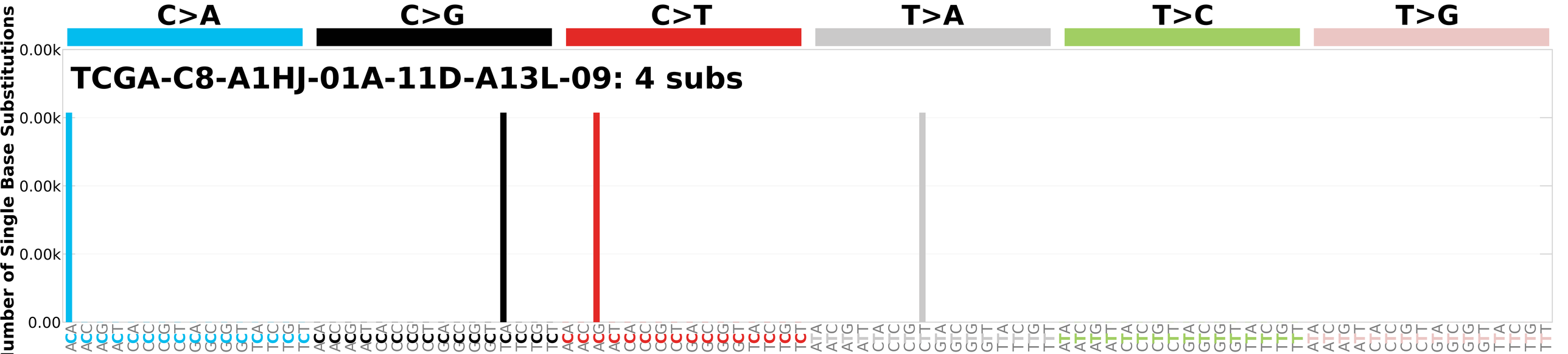
C>A
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T>C
T>G
TCGA-C8-A1HJ-01A-11D-A13L-09: 4 subs
Number of Single Base Substitutions
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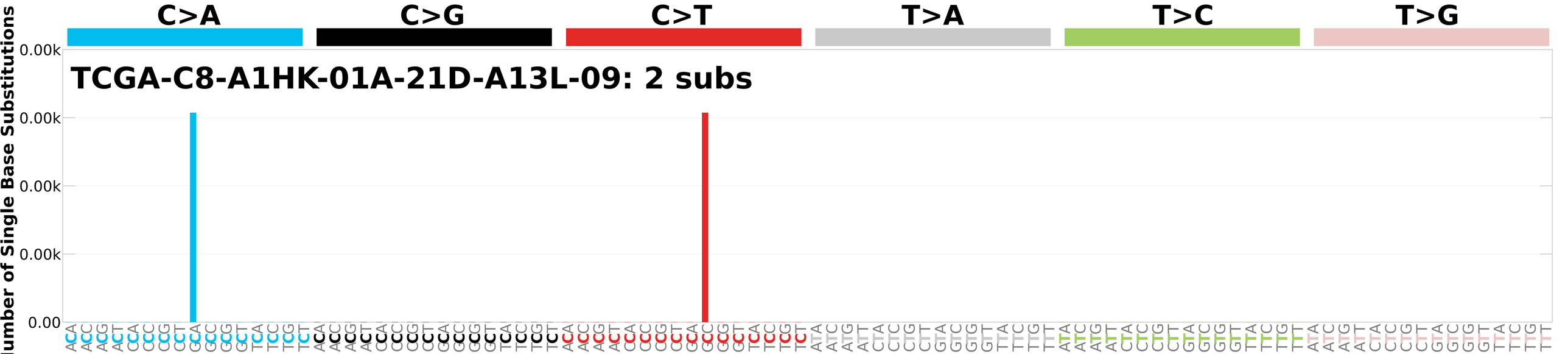
C>A
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T>G
TCGA-C8-A1HK-01A-21D-A13L-09: 2 subs
Number of Single Base Substitutions
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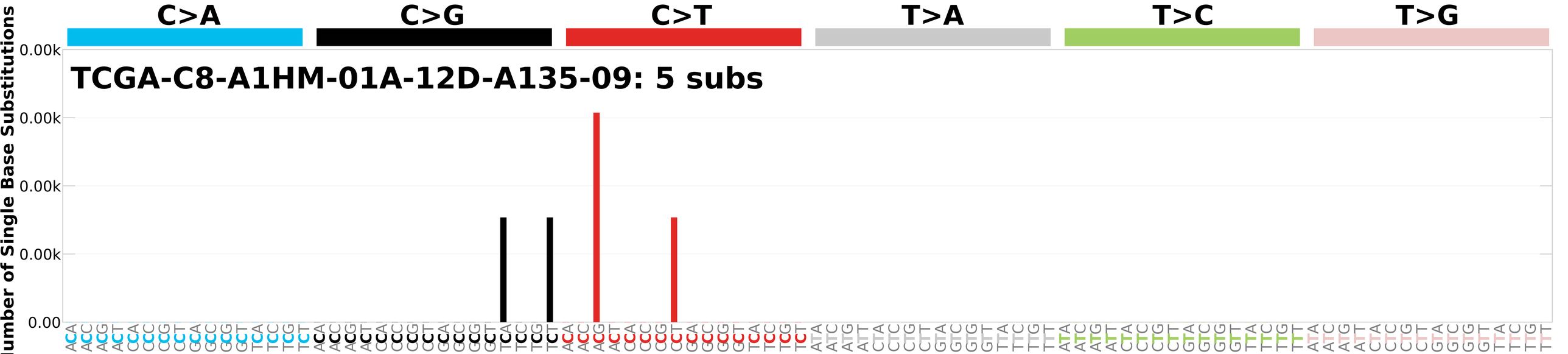
C>A
C>G
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T>G
TCGA-C8-A1HM-01A-12D-A135-09: 5 subs
Number of Single Base Substitutions
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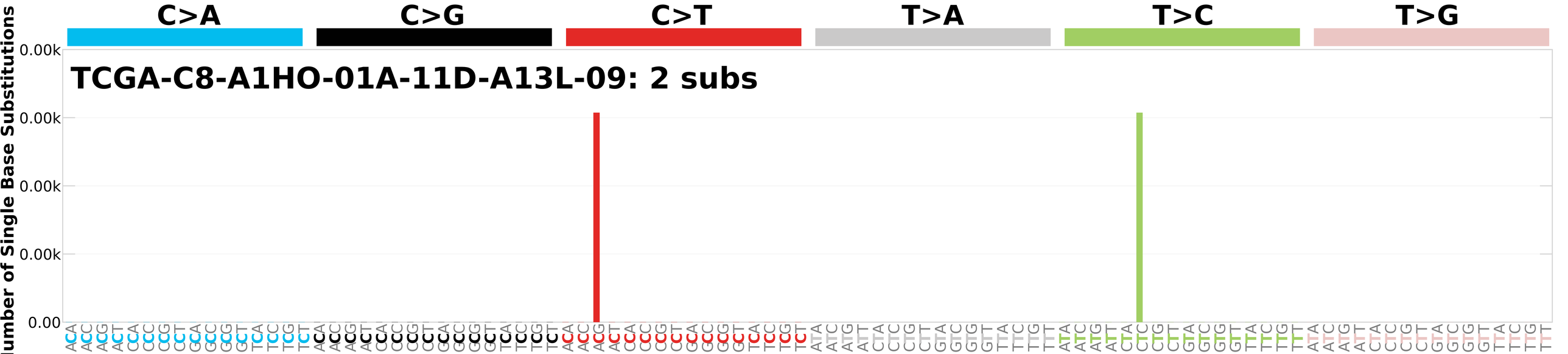
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TCGA-C8-A1HO-01A-11D-A13L-09: 2 subs
Number of Single Base Substitutions
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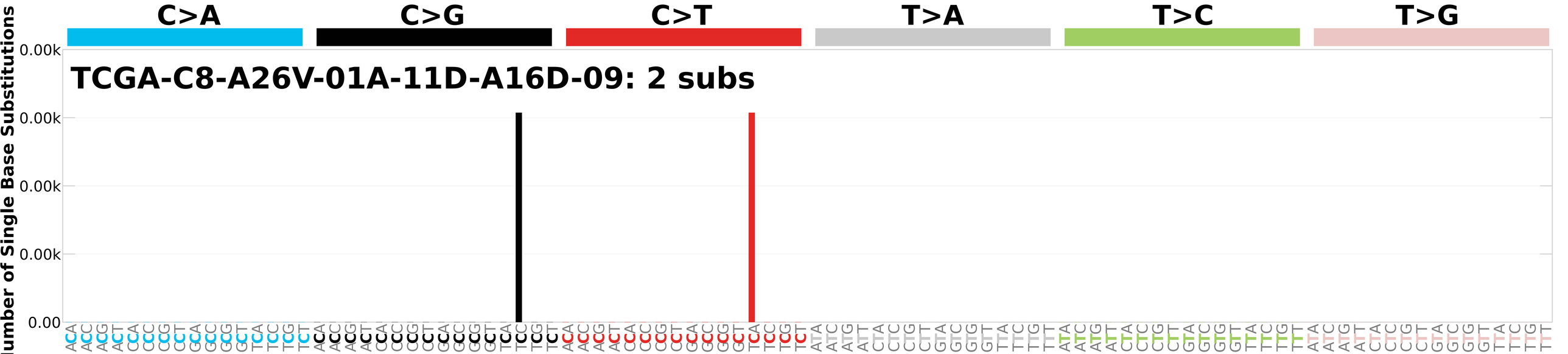
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TCGA-C8-A26V-01A-11D-A16D-09: 2 subs
Number of Single Base Substitutions
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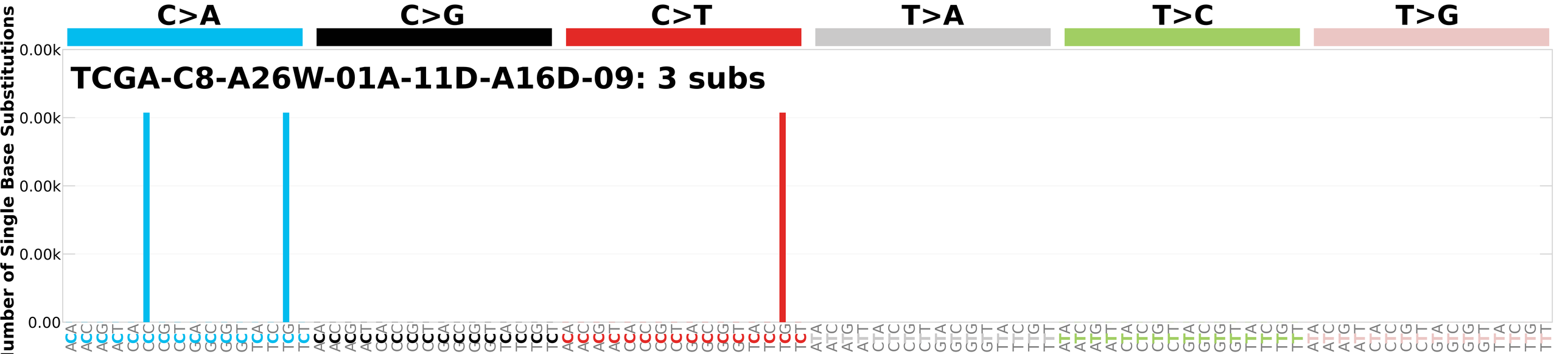
C>A
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T>G
TCGA-C8-A26W-01A-11D-A16D-09: 3 subs
Number of Single Base Substitutions
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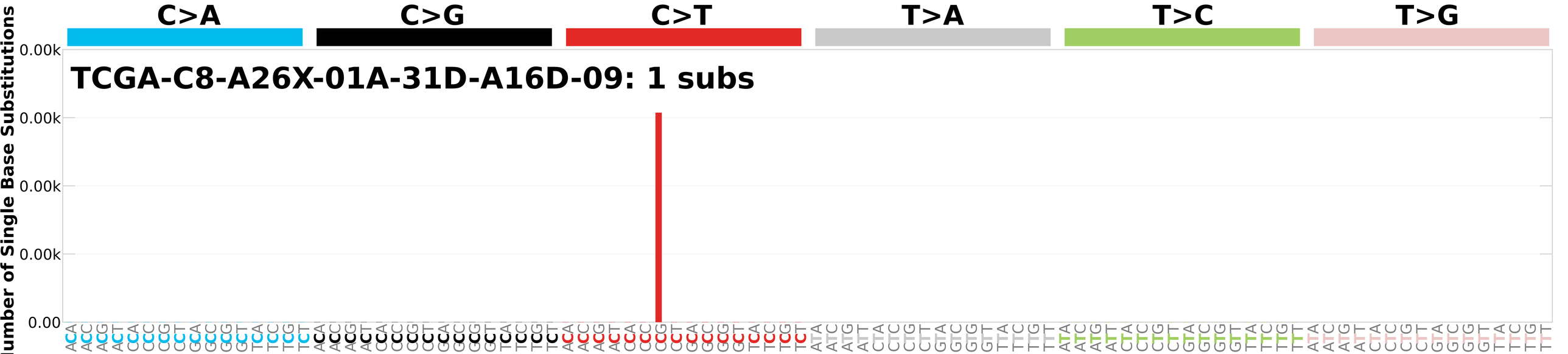
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C>G
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T>G
TCGA-C8-A26X-01A-31D-A16D-09: 1 subs
Number of Single Base Substitutions
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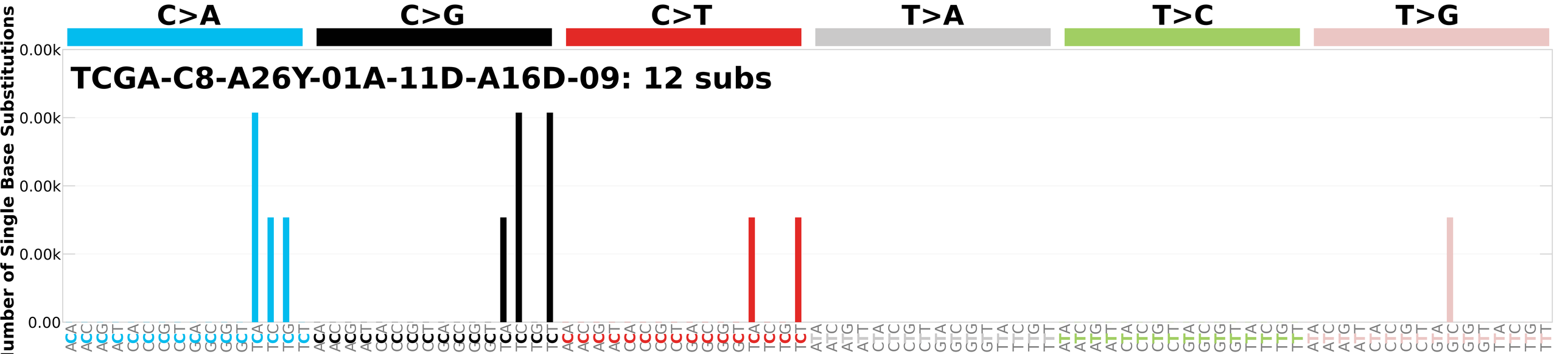
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T>C
T>G
TCGA-C8-A26Y-01A-11D-A16D-09: 12 subs
Number of Single Base Substitutions
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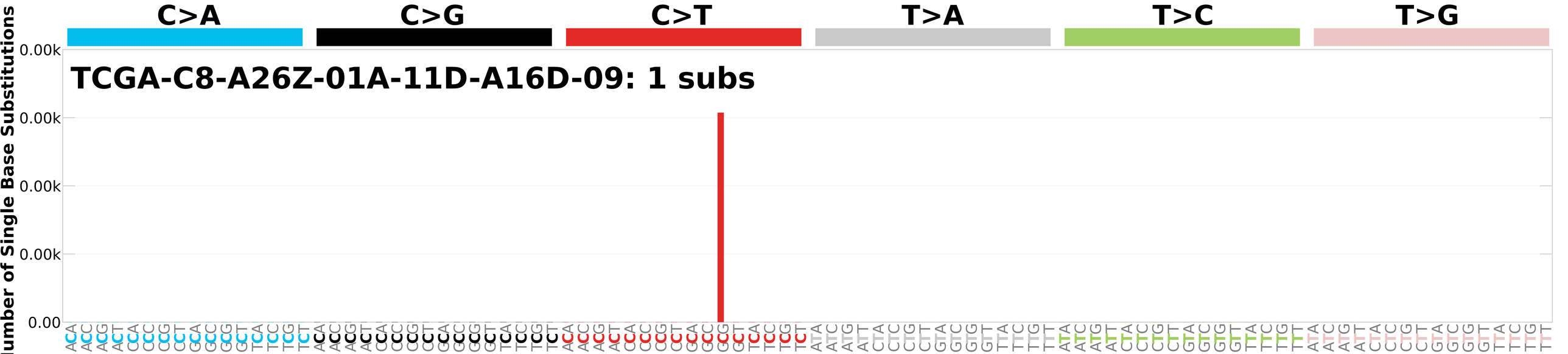
C>A
C>G
C>T
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T>C
T>G
TCGA-C8-A26Z-01A-11D-A16D-09: 1 subs
Number of Single Base Substitutions
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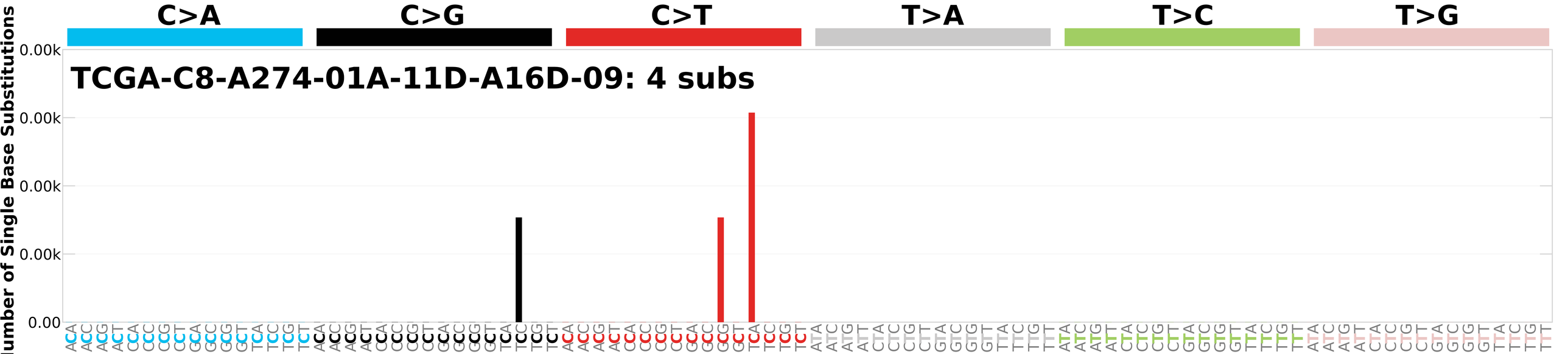
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C>G
C>T
T>A
T>C
T>G
TCGA-C8-A274-01A-11D-A16D-09: 4 subs
Number of Single Base Substitutions
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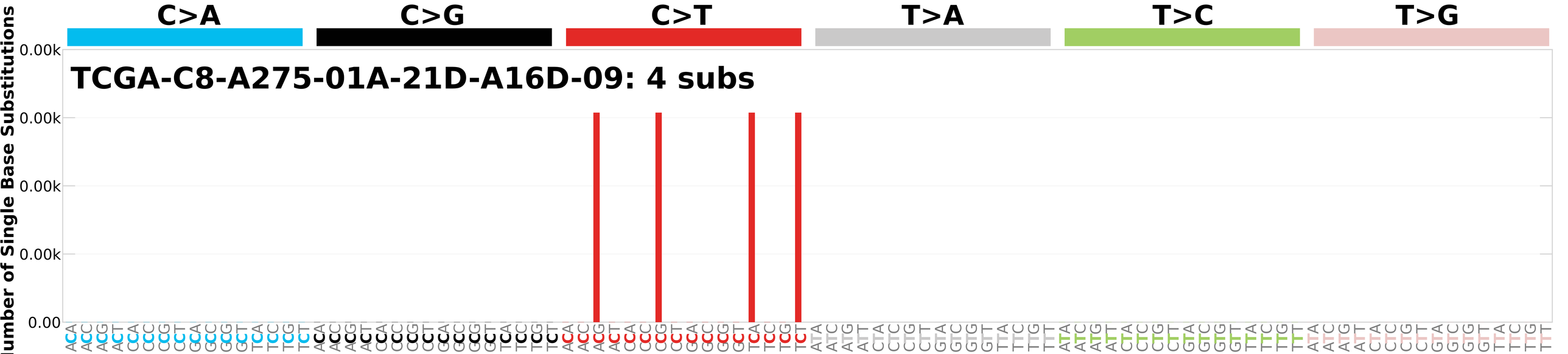
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T>C
T>G
TCGA-C8-A275-01A-21D-A16D-09: 4 subs
Number of Single Base Substitutions
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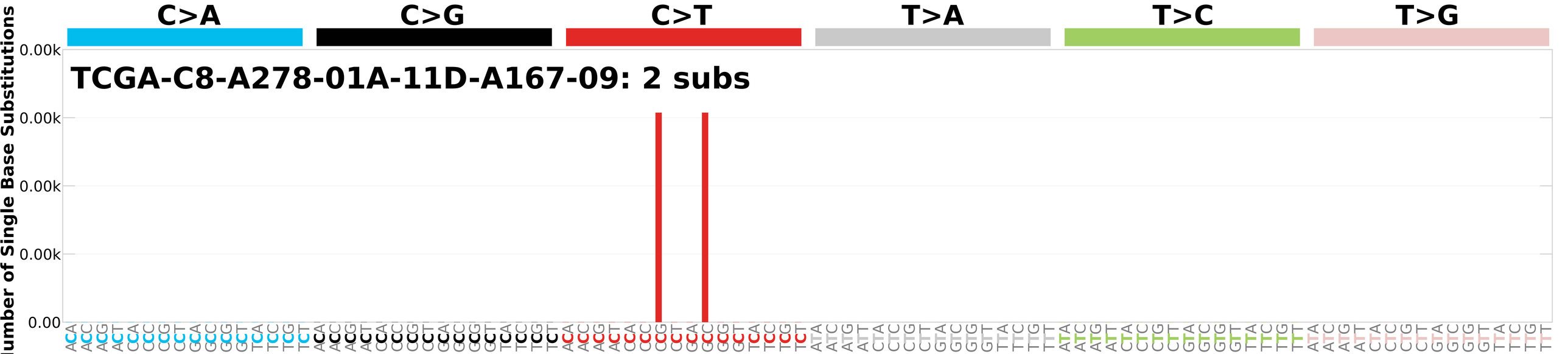
C>A
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T>G
TCGA-C8-A278-01A-11D-A167-09: 2 subs
Number of Single Base Substitutions
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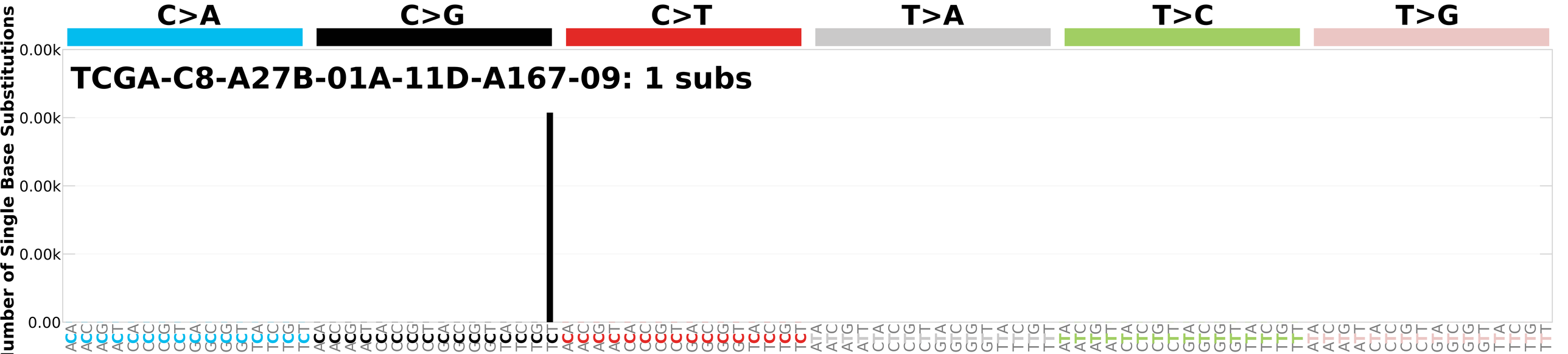
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T>G
TCGA-C8-A27B-01A-11D-A167-09: 1 subs
Number of Single Base Substitutions
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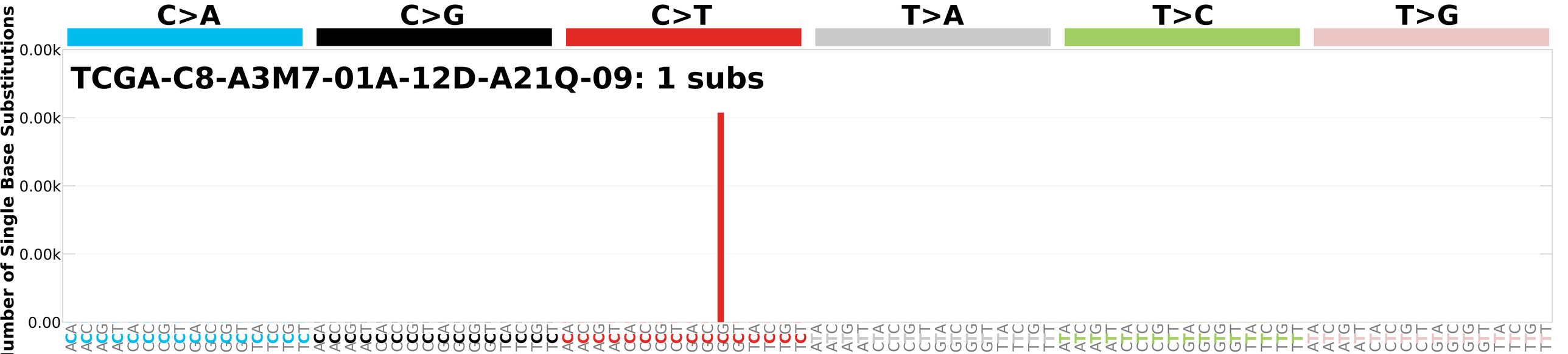
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T>G
TCGA-C8-A3M7-01A-12D-A21Q-09: 1 subs
Number of Single Base Substitutions
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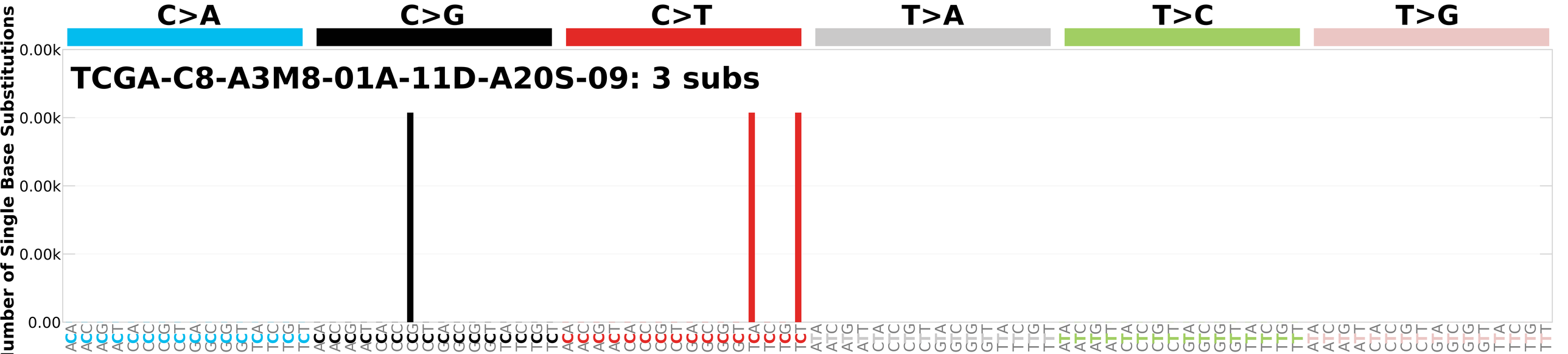
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TCGA-C8-A3M8-01A-11D-A20S-09: 3 subs
Number of Single Base Substitutions
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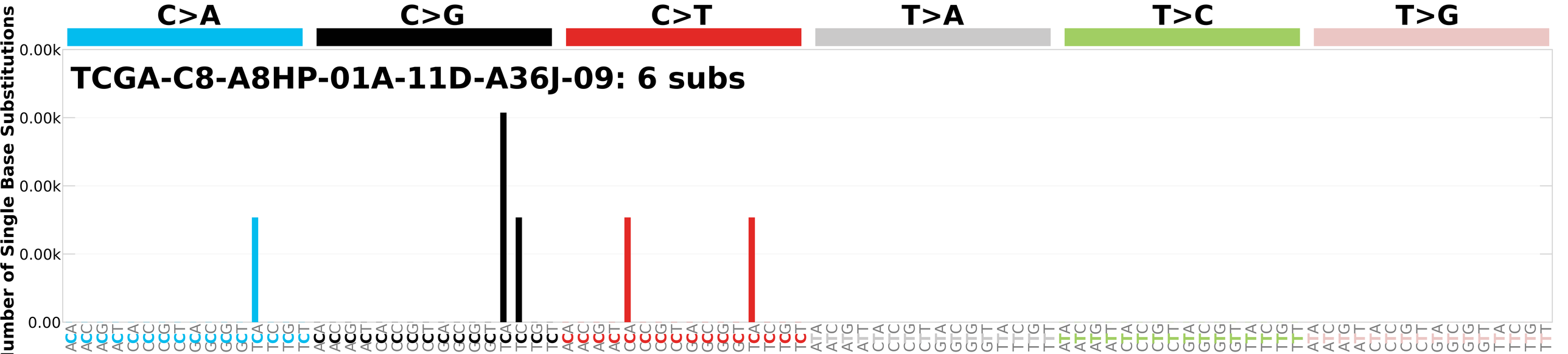
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T>G
TCGA-C8-A8HP-01A-11D-A36J-09: 6 subs
Number of Single Base Substitutions
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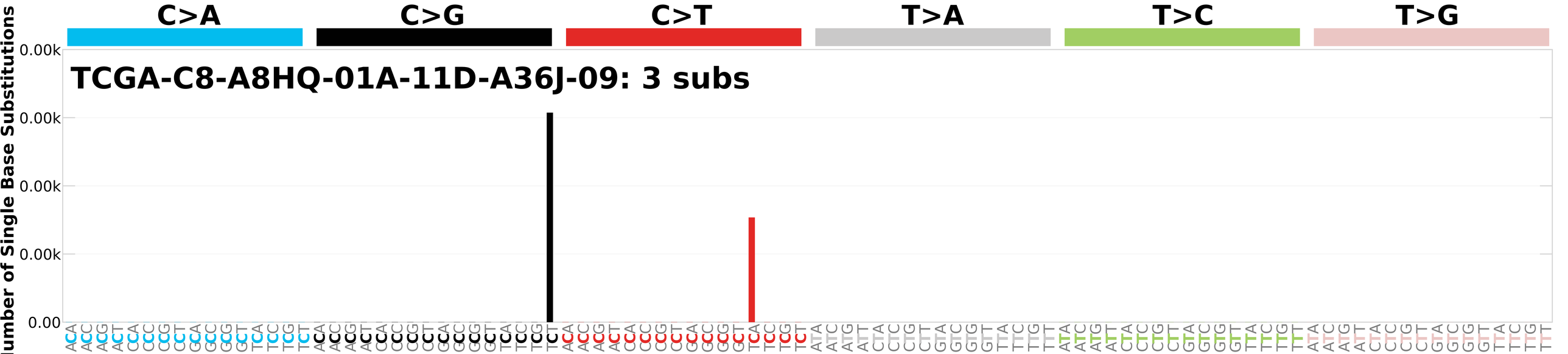
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TCGA-C8-A8HQ-01A-11D-A36J-09: 3 subs
Number of Single Base Substitutions
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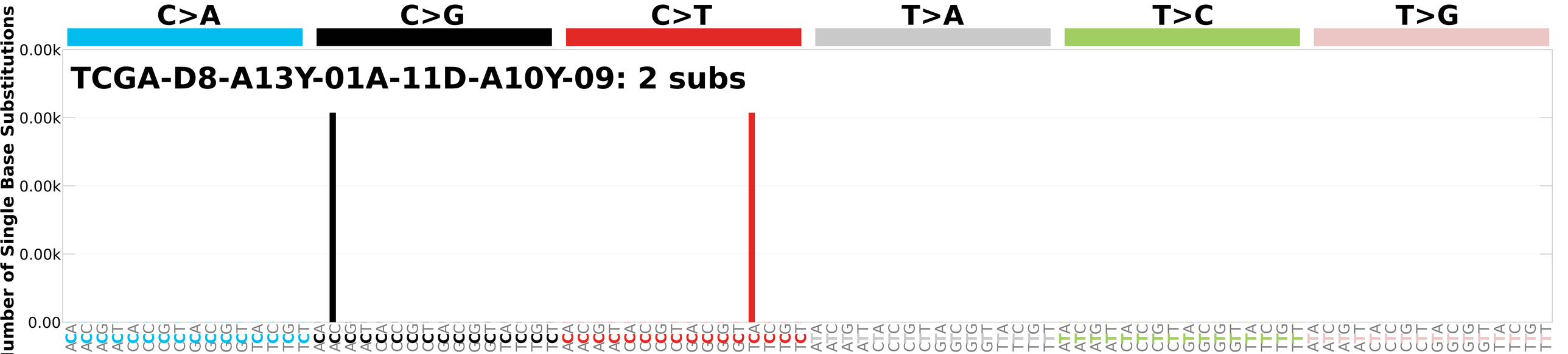
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T>G
TCGA-D8-A13Y-01A-11D-A10Y-09: 2 subs
Number of Single Base Substitutions
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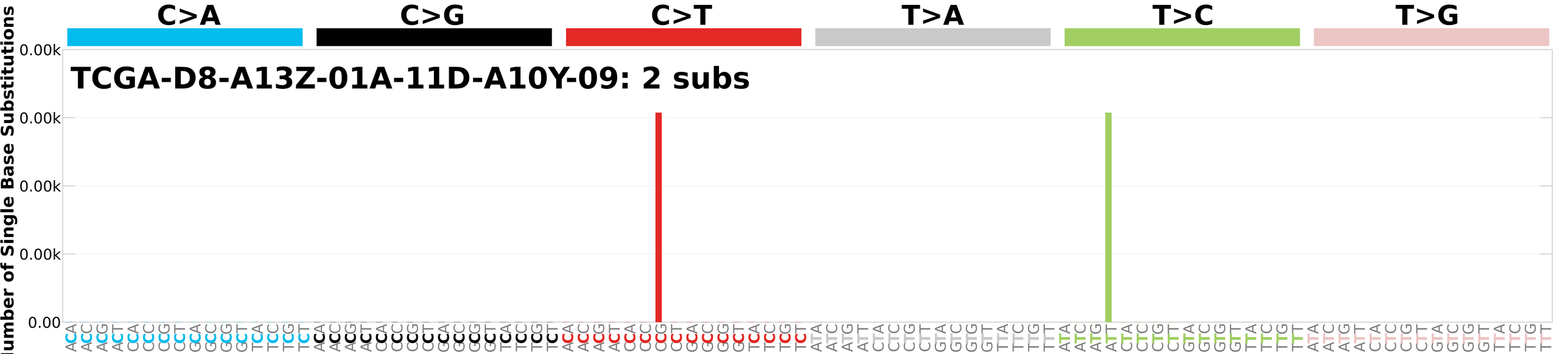
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TCGA-D8-A13Z-01A-11D-A10Y-09: 2 subs
Number of Single Base Substitutions
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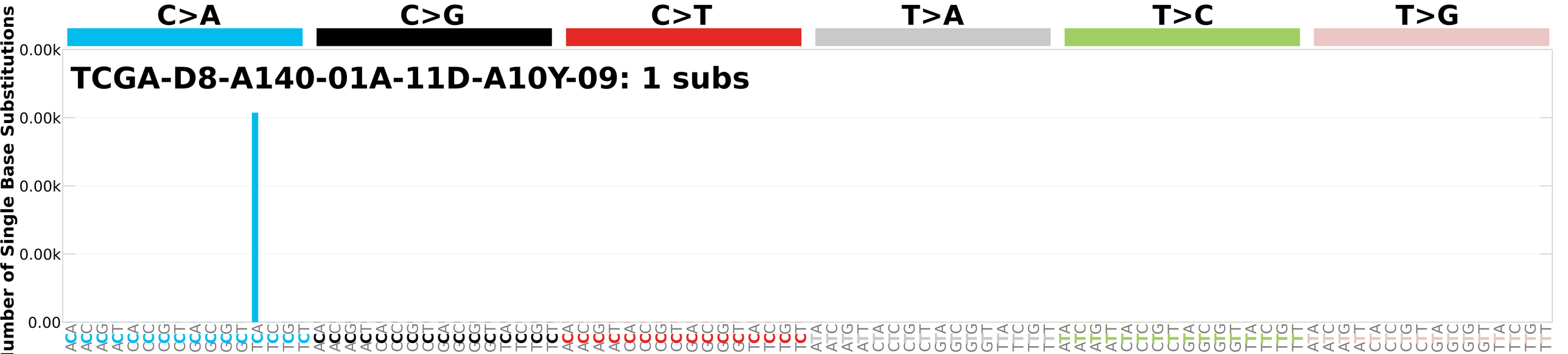
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T>G
TCGA-D8-A140-01A-11D-A10Y-09: 1 subs
Number of Single Base Substitutions
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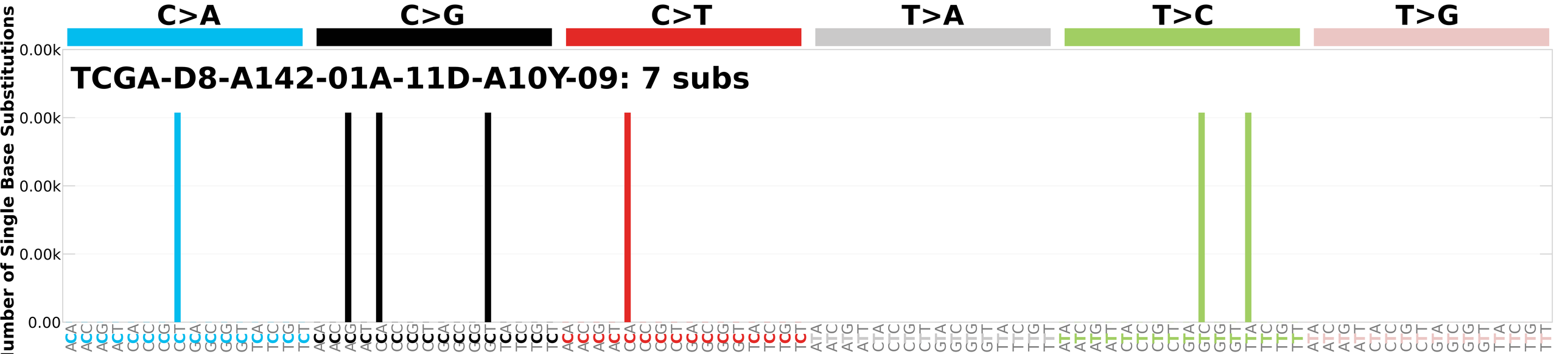
C>A
C>G
C>T
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T>C
T>G
TCGA-D8-A142-01A-11D-A10Y-09: 7 subs
Number of Single Base Substitutions
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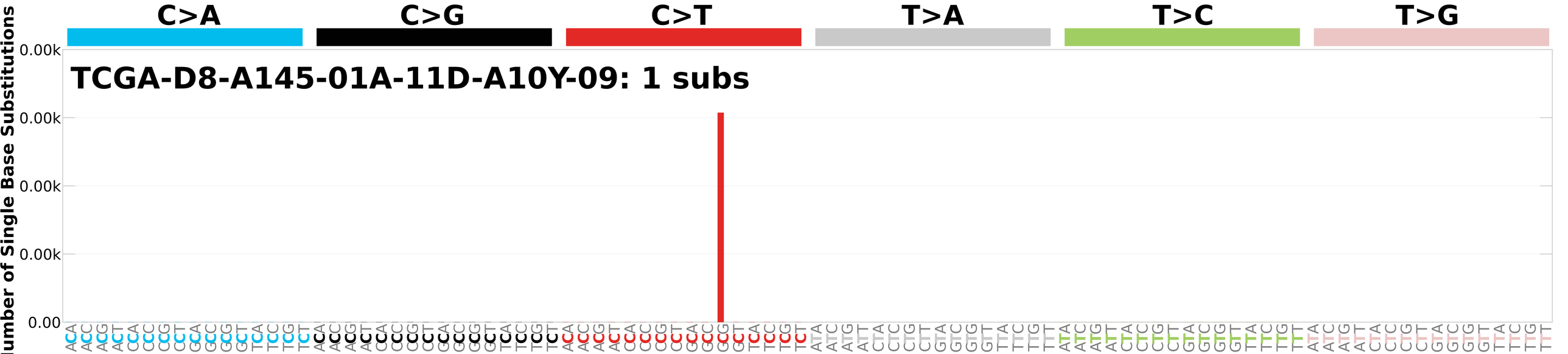
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T>G
TCGA-D8-A145-01A-11D-A10Y-09: 1 subs
Number of Single Base Substitutions
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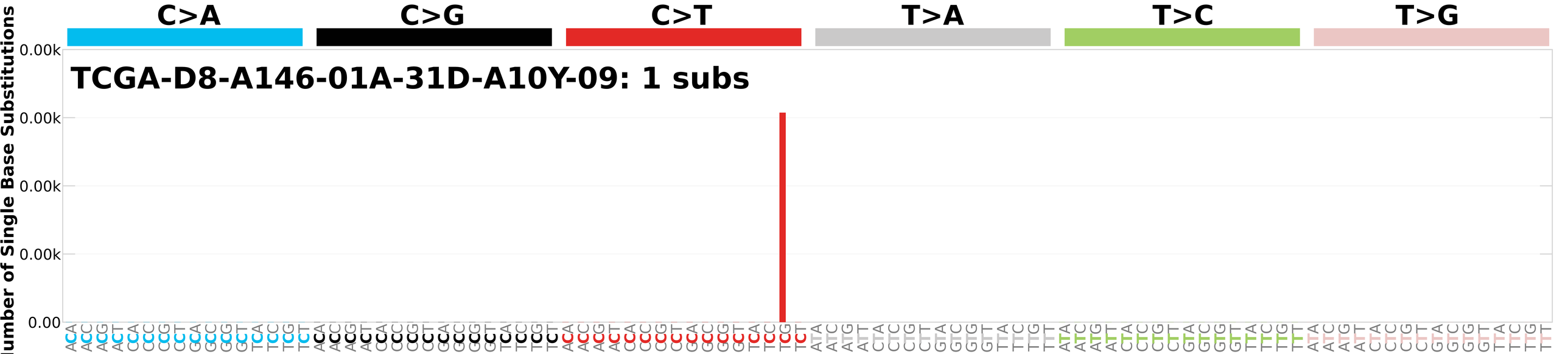
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T>G
TCGA-D8-A146-01A-31D-A10Y-09: 1 subs
Number of Single Base Substitutions
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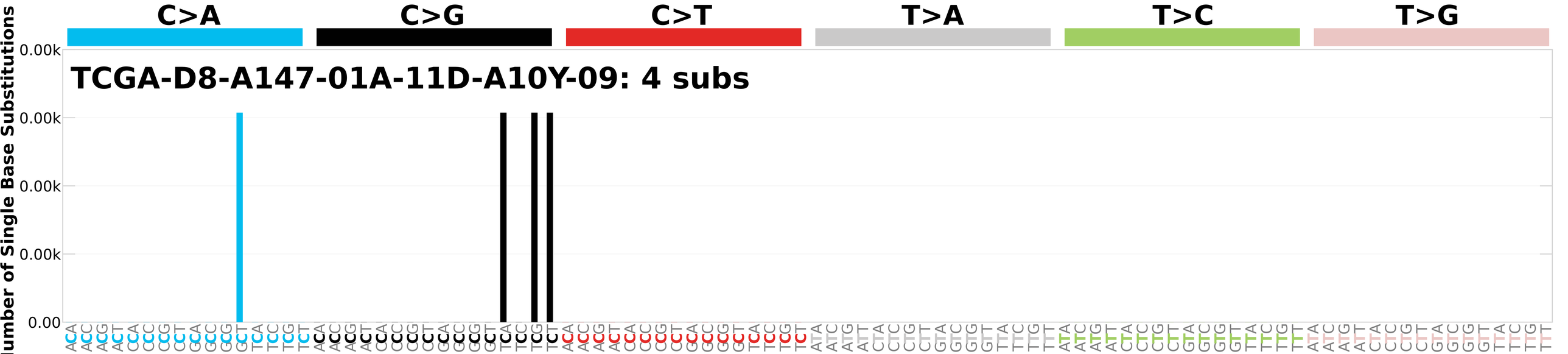
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T>G
TCGA-D8-A147-01A-11D-A10Y-09: 4 subs
Number of Single Base Substitutions
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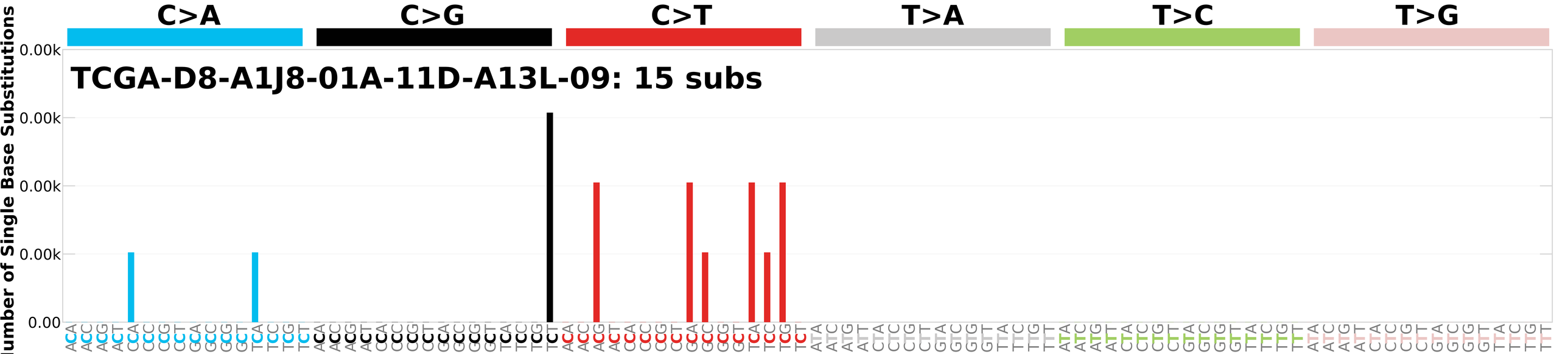
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T>G
TCGA-D8-A1J8-01A-11D-A13L-09: 15 subs
Number of Single Base Substitutions
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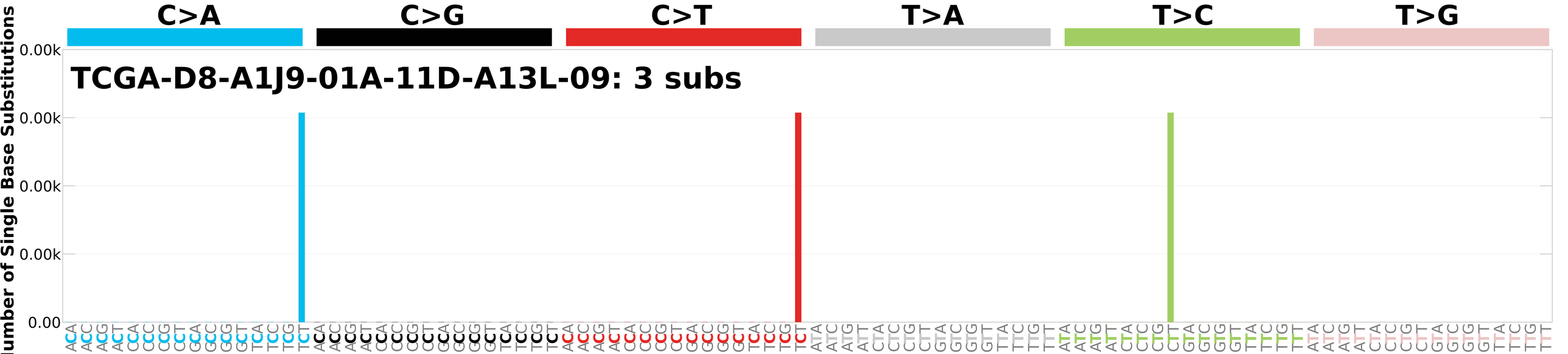
C>A
C>G
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T>G
TCGA-D8-A1J9-01A-11D-A13L-09: 3 subs
Number of Single Base Substitutions
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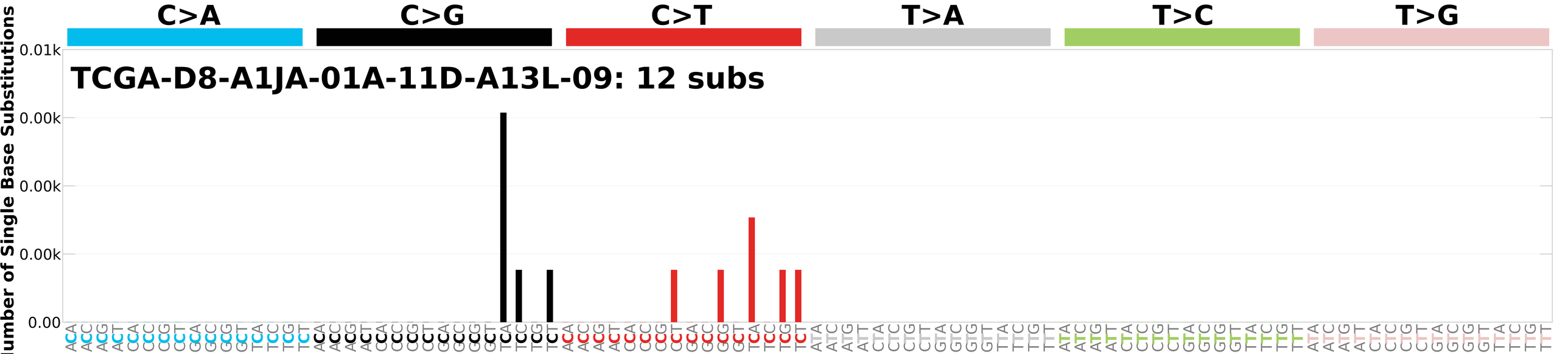
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T>G
TCGA-D8-A1JA-01A-11D-A13L-09: 12 subs
Number of Single Base Substitutions
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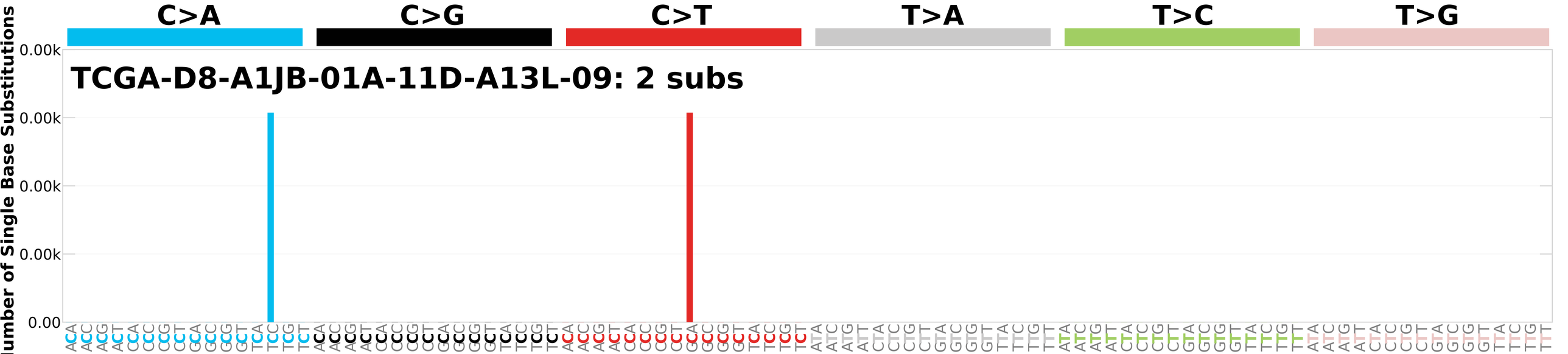
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C>T
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T>C
T>G
TCGA-D8-A1JB-01A-11D-A13L-09: 2 subs
Number of Single Base Substitutions
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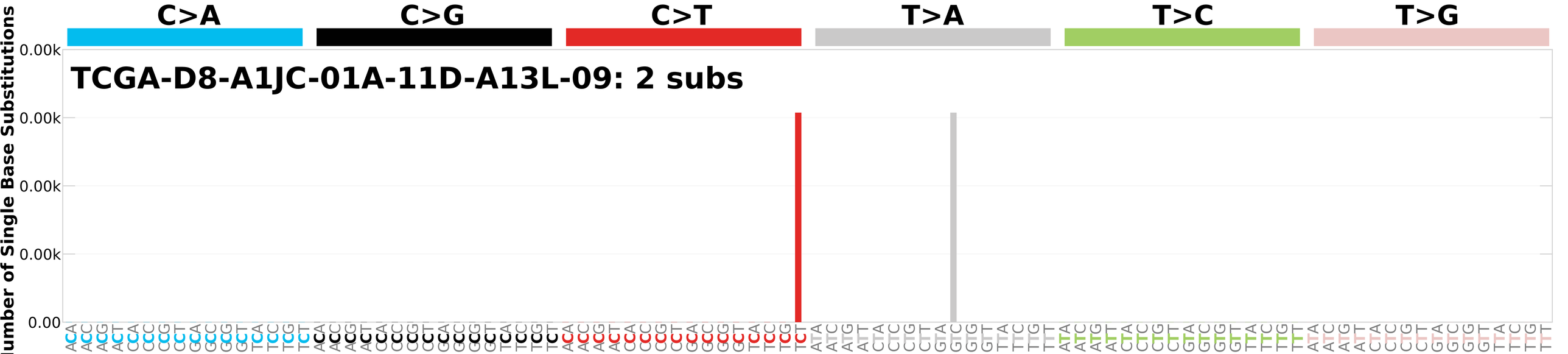
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T>G
TCGA-D8-A1JC-01A-11D-A13L-09: 2 subs
Number of Single Base Substitutions
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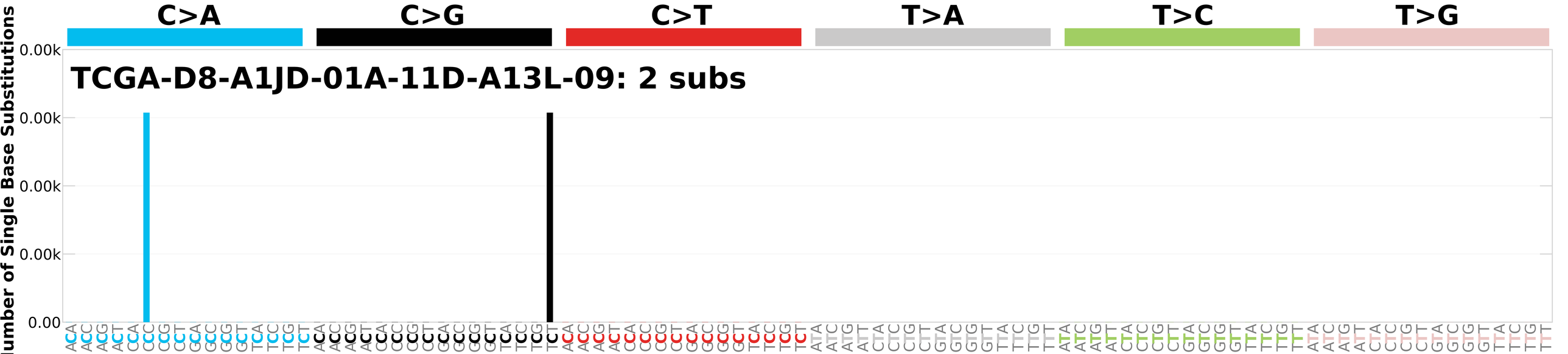
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TCGA-D8-A1JD-01A-11D-A13L-09: 2 subs
Number of Single Base Substitutions
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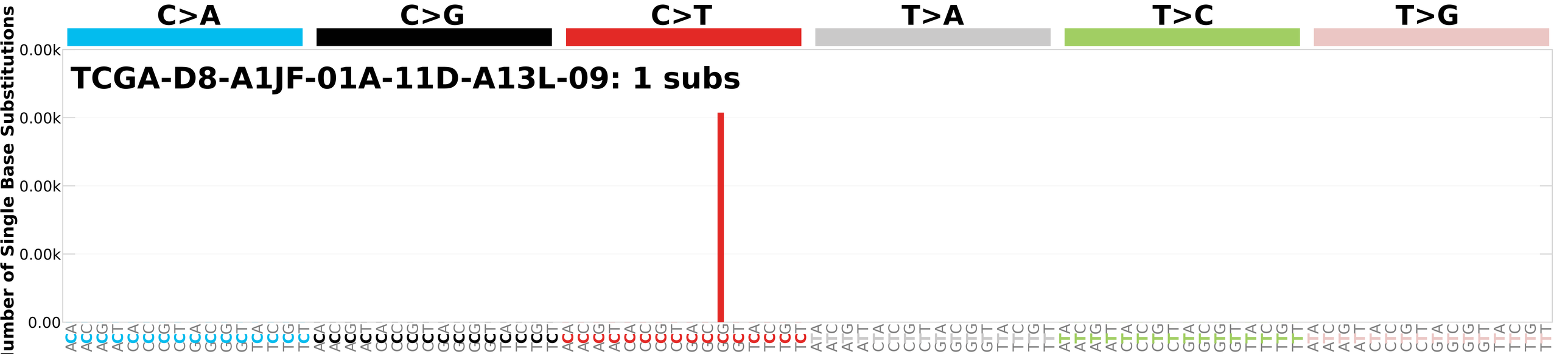
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T>G
TCGA-D8-A1JF-01A-11D-A13L-09: 1 subs
Number of Single Base Substitutions
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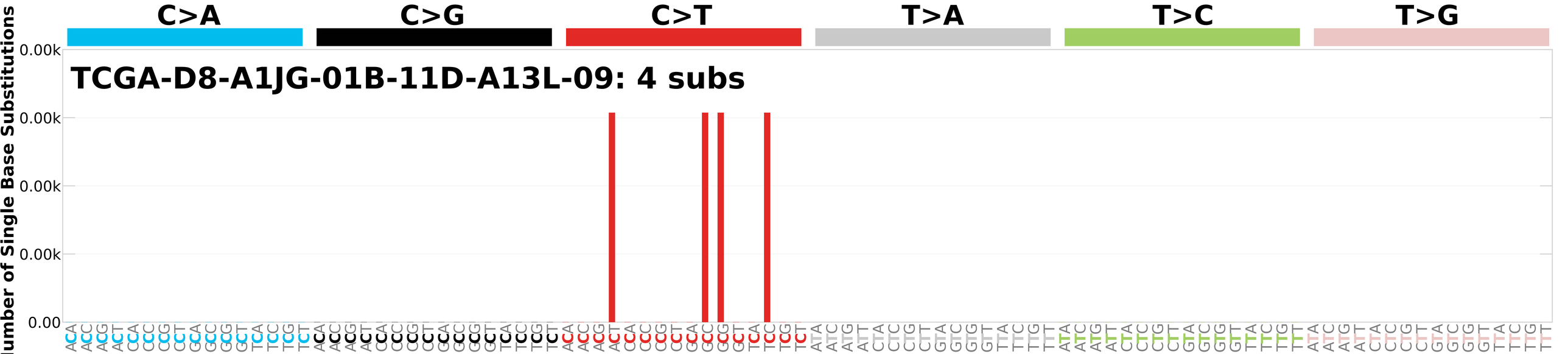
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T>G
TCGA-D8-A1JG-01B-11D-A13L-09: 4 subs
Number of Single Base Substitutions
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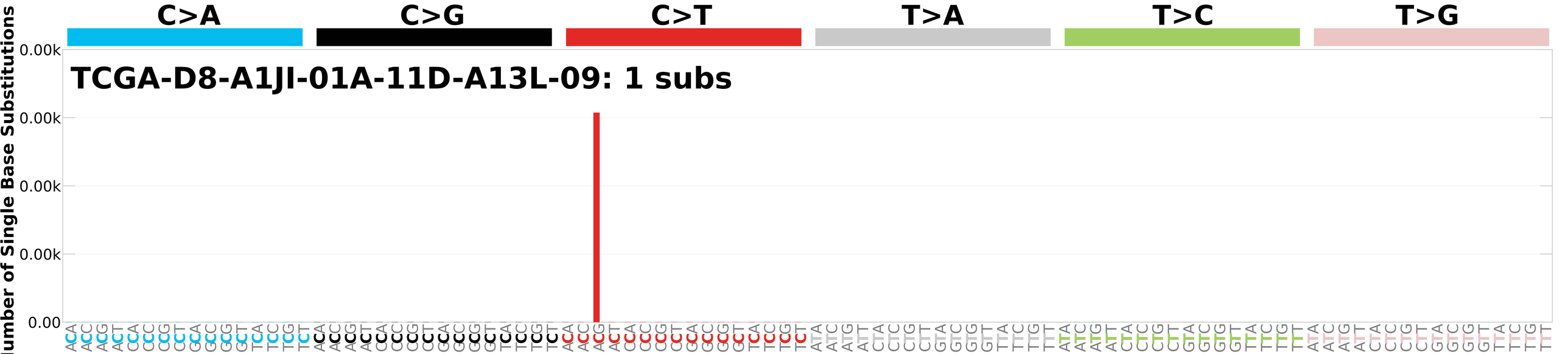
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TCGA-D8-A1JI-01A-11D-A13L-09: 1 subs
Number of Single Base Substitutions
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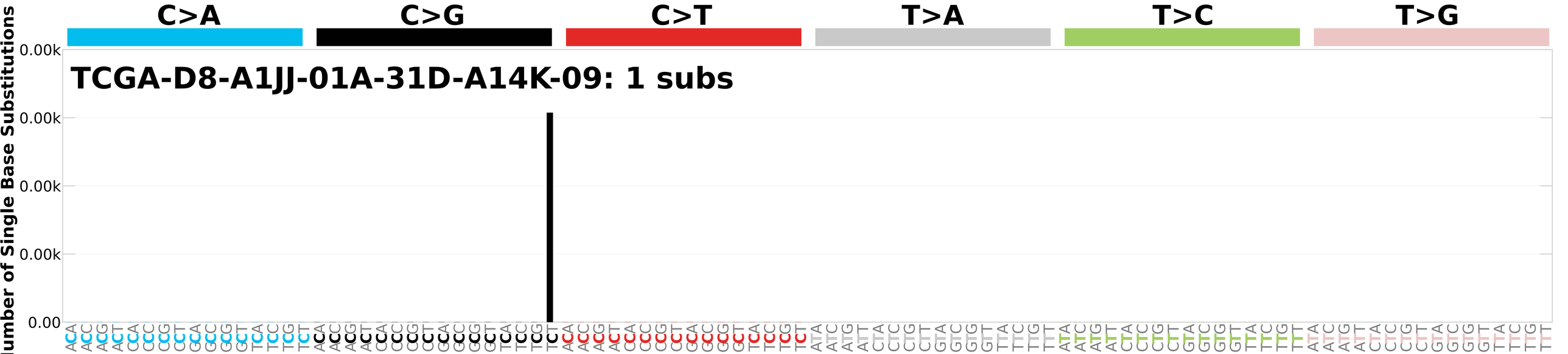
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TCGA-D8-A1JJ-01A-31D-A14K-09: 1 subs
Number of Single Base Substitutions
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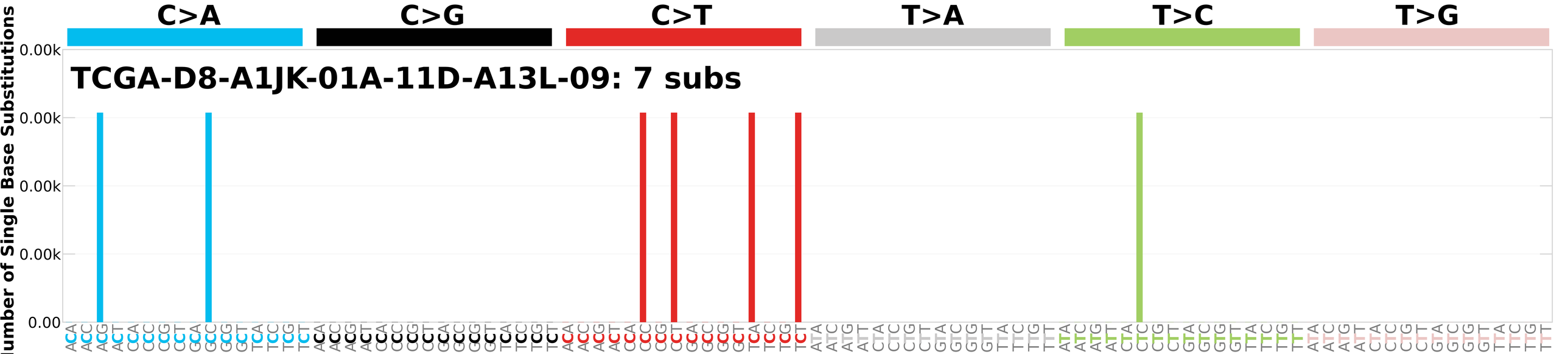
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TCGA-D8-A1JK-01A-11D-A13L-09: 7 subs
Number of Single Base Substitutions
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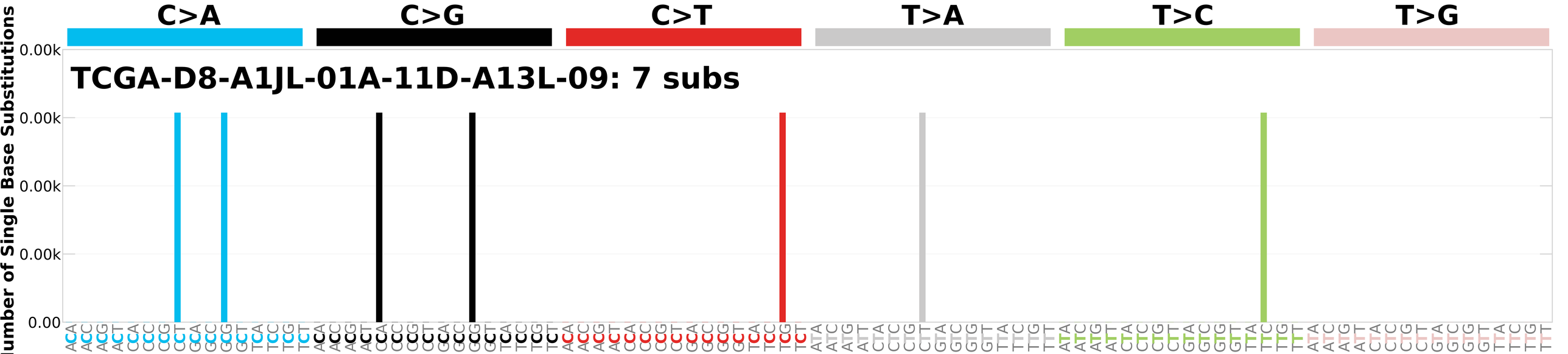
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TCGA-D8-A1JL-01A-11D-A13L-09: 7 subs
Number of Single Base Substitutions
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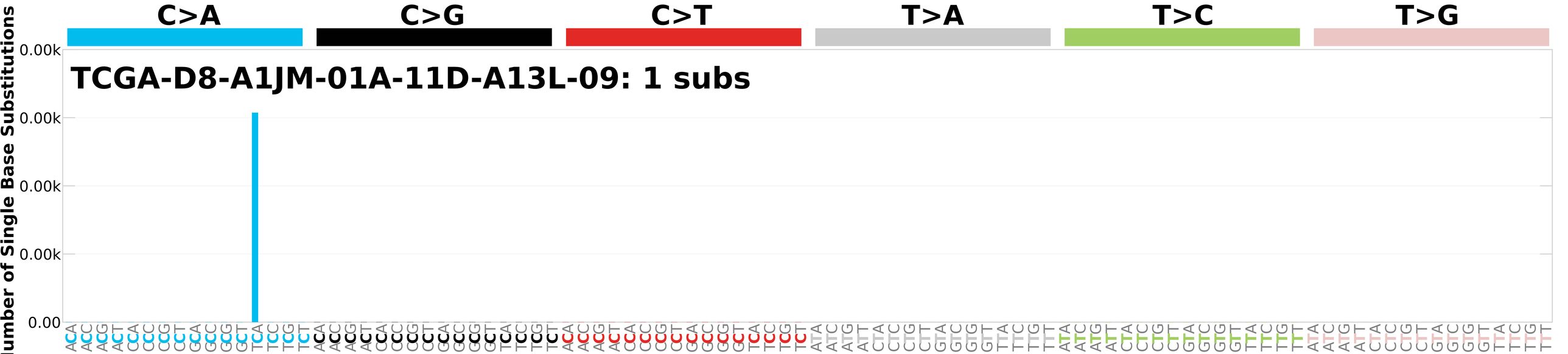
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TCGA-D8-A1JM-01A-11D-A13L-09: 1 subs
Number of Single Base Substitutions
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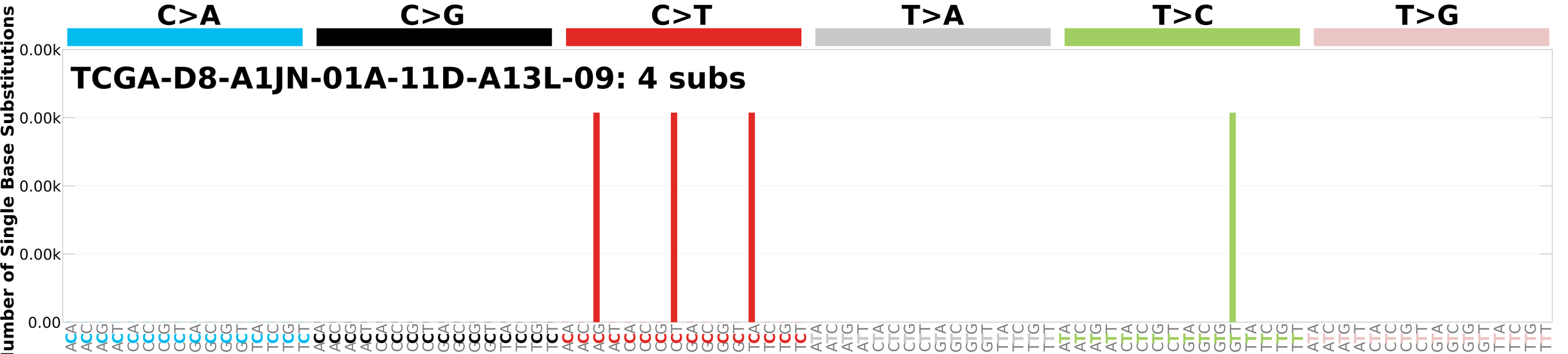
C>A
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T>G
TCGA-D8-A1JN-01A-11D-A13L-09: 4 subs
Number of Single Base Substitutions
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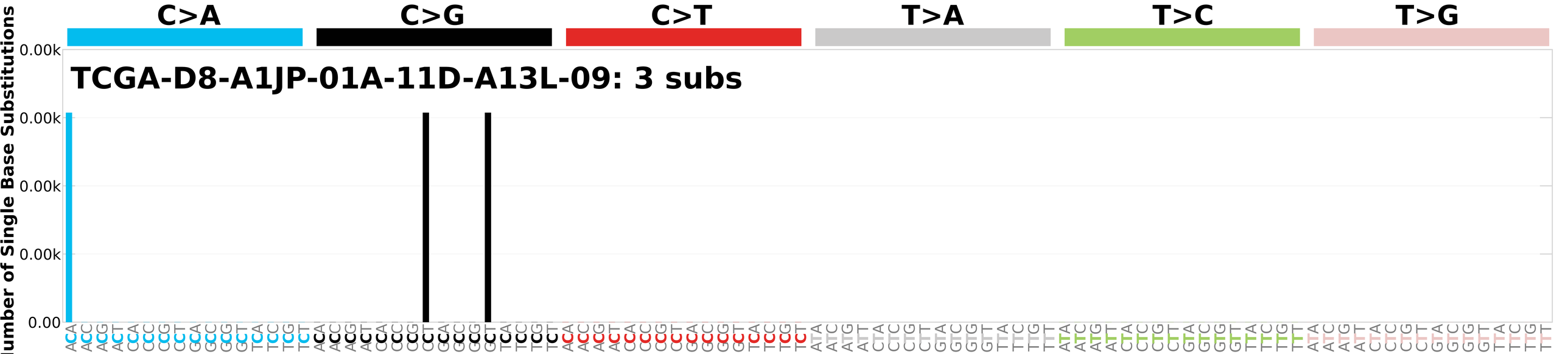
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TCGA-D8-A1JP-01A-11D-A13L-09: 3 subs
Number of Single Base Substitutions
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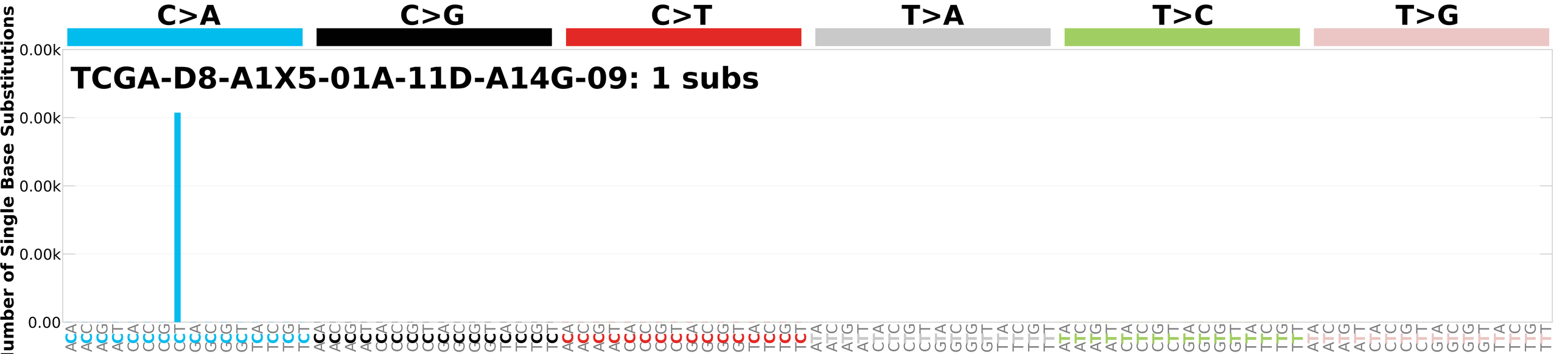
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TCGA-D8-A1X5-01A-11D-A14G-09: 1 subs
Number of Single Base Substitutions
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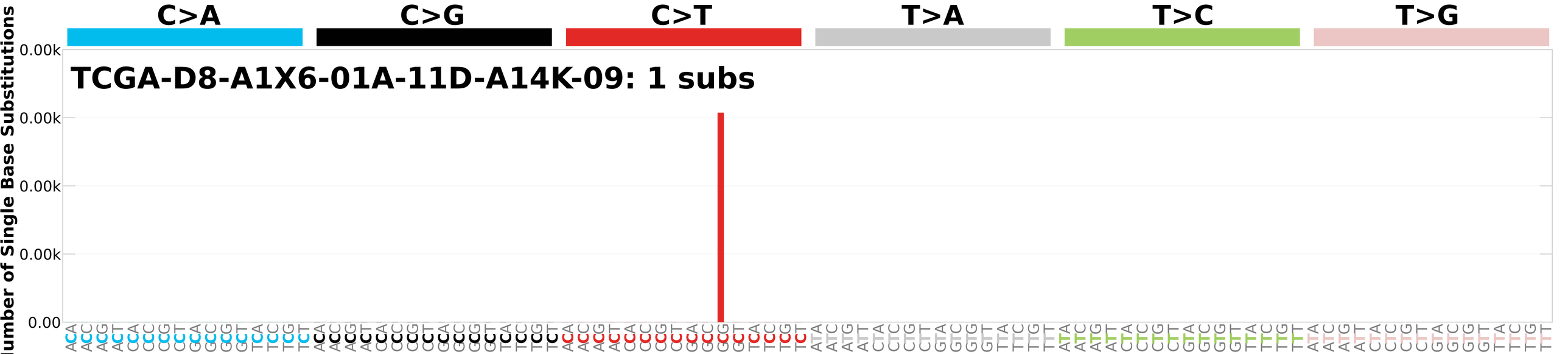
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T>G
TCGA-D8-A1X6-01A-11D-A14K-09: 1 subs
Number of Single Base Substitutions
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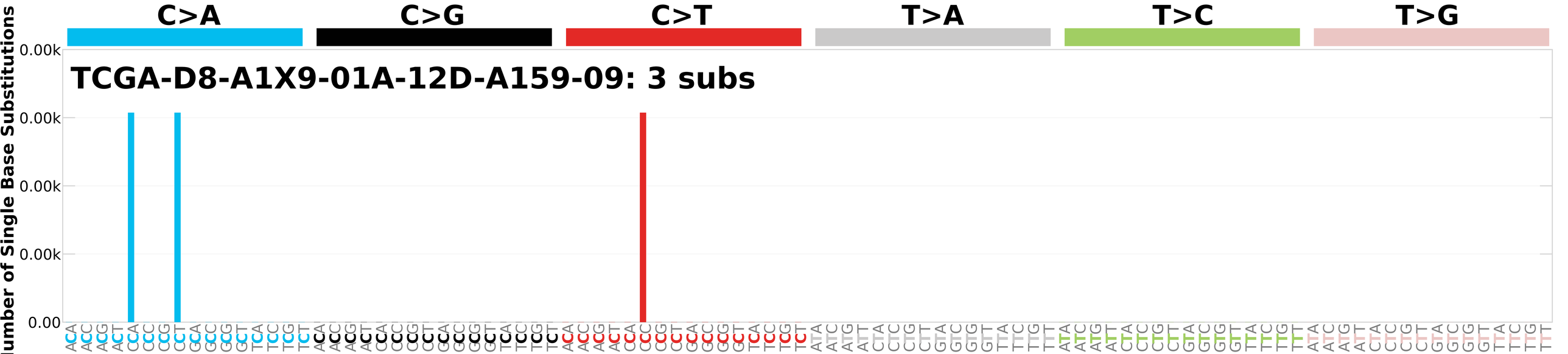
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TCGA-D8-A1X9-01A-12D-A159-09: 3 subs
Number of Single Base Substitutions
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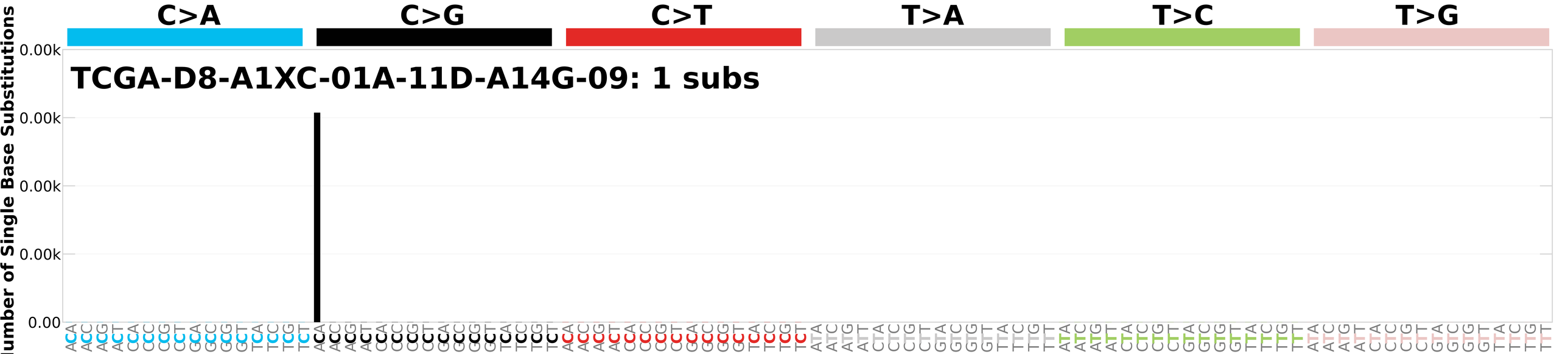
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T>G
TCGA-D8-A1XC-01A-11D-A14G-09: 1 subs
Number of Single Base Substitutions
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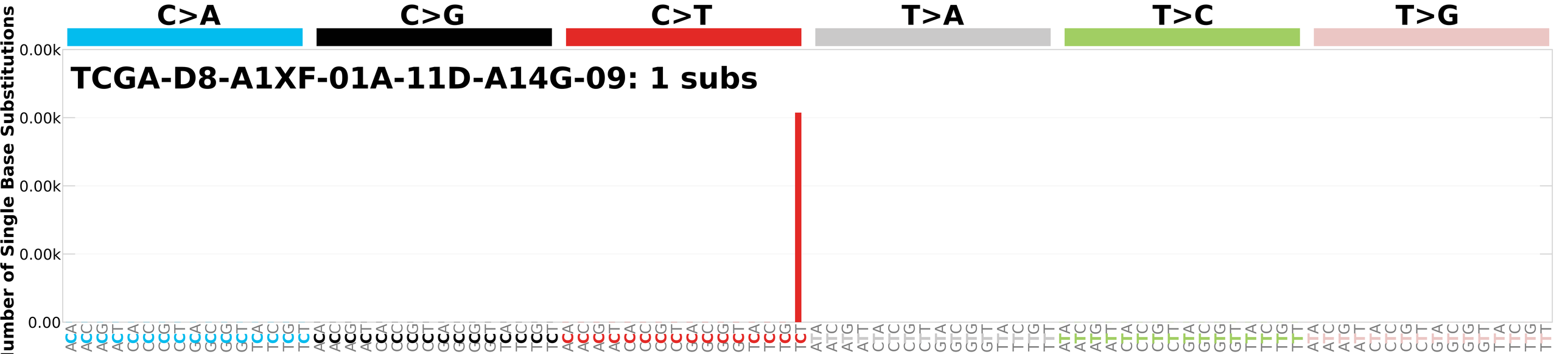
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T>G
TCGA-D8-A1XF-01A-11D-A14G-09: 1 subs
Number of Single Base Substitutions
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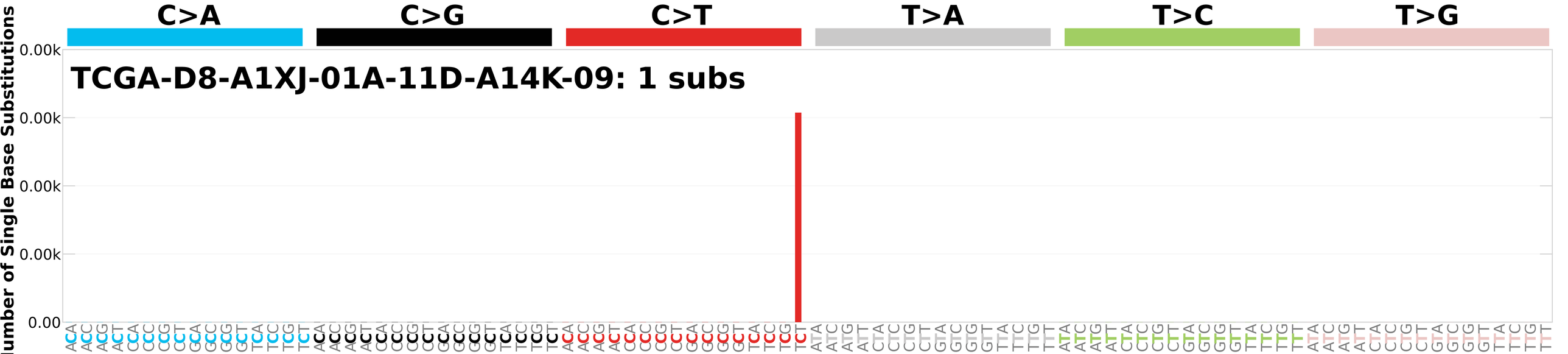
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T>G
TCGA-D8-A1XJ-01A-11D-A14K-09: 1 subs
Number of Single Base Substitutions
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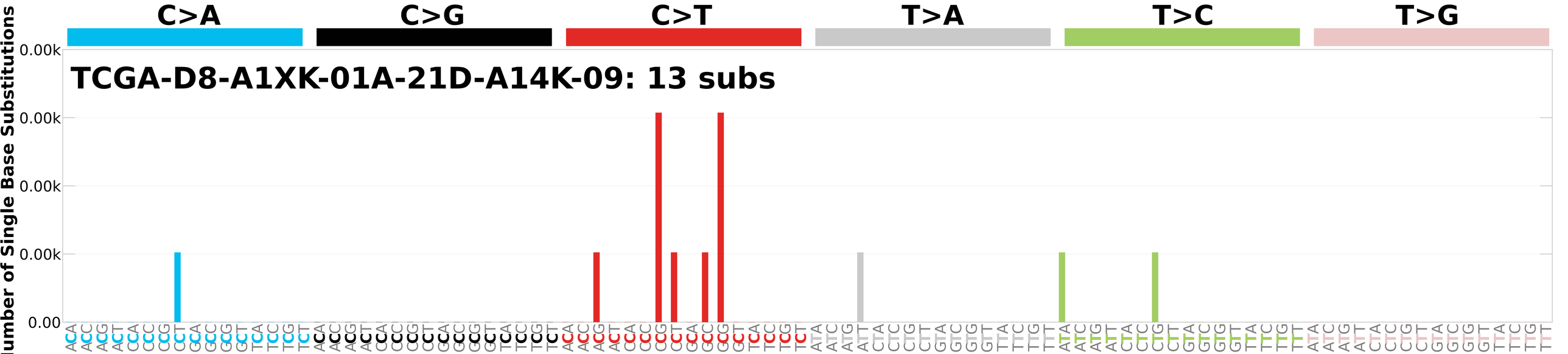
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T>G
TCGA-D8-A1XK-01A-21D-A14K-09: 13 subs
Number of Single Base Substitutions
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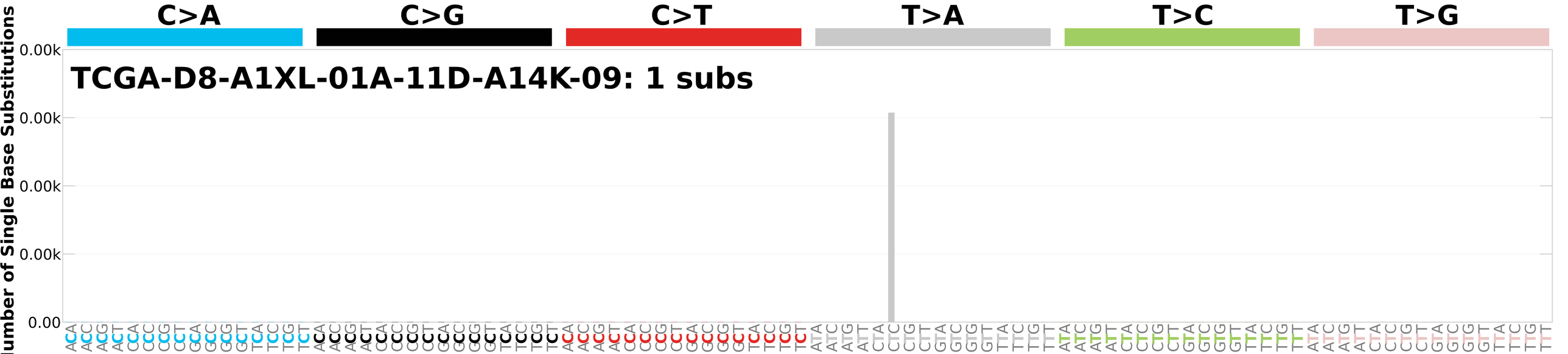
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T>G
TCGA-D8-A1XL-01A-11D-A14K-09: 1 subs
Number of Single Base Substitutions
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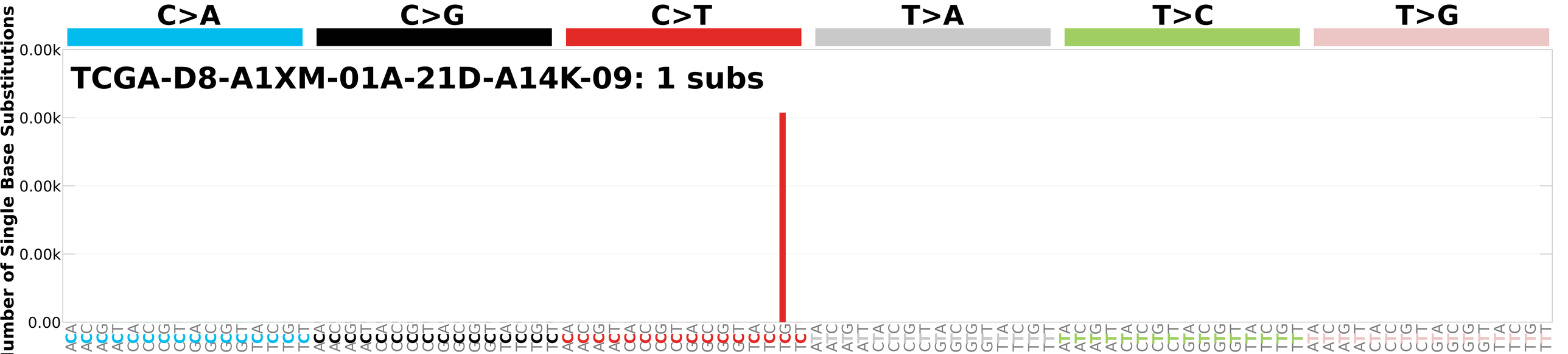
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T>C
T>G
TCGA-D8-A1XM-01A-21D-A14K-09: 1 subs
Number of Single Base Substitutions
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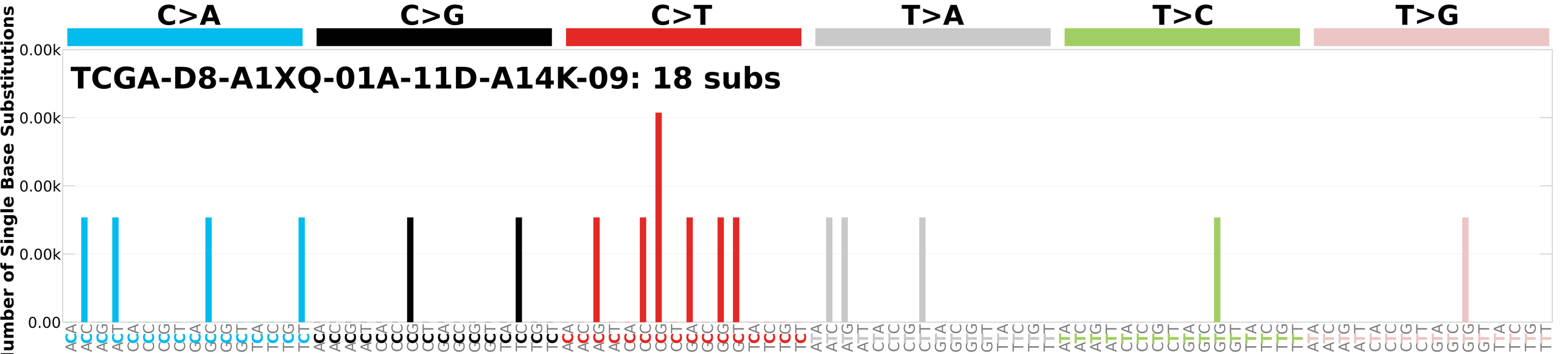
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T>G
TCGA-D8-A1XQ-01A-11D-A14K-09: 18 subs
Number of Single Base Substitutions
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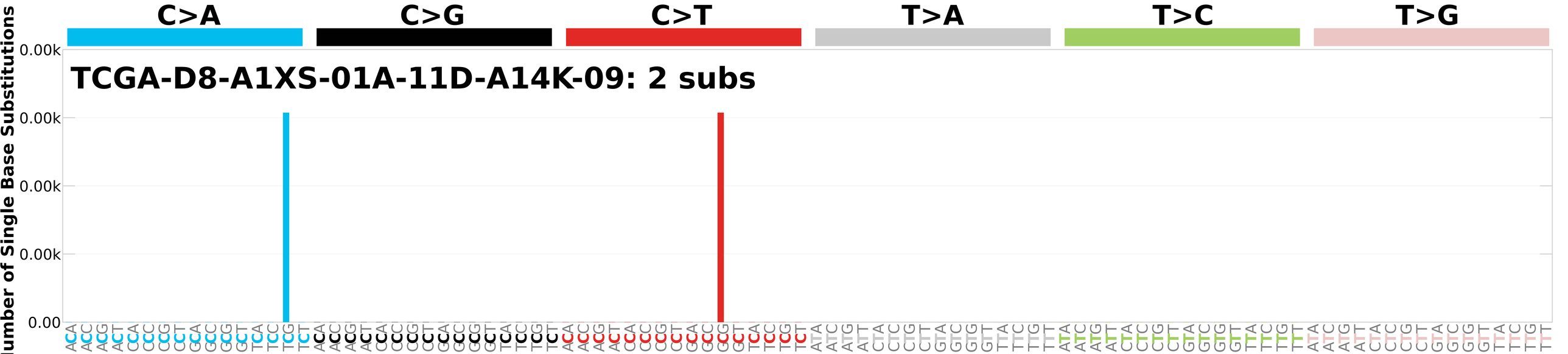
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T>G
TCGA-D8-A1XS-01A-11D-A14K-09: 2 subs
Number of Single Base Substitutions
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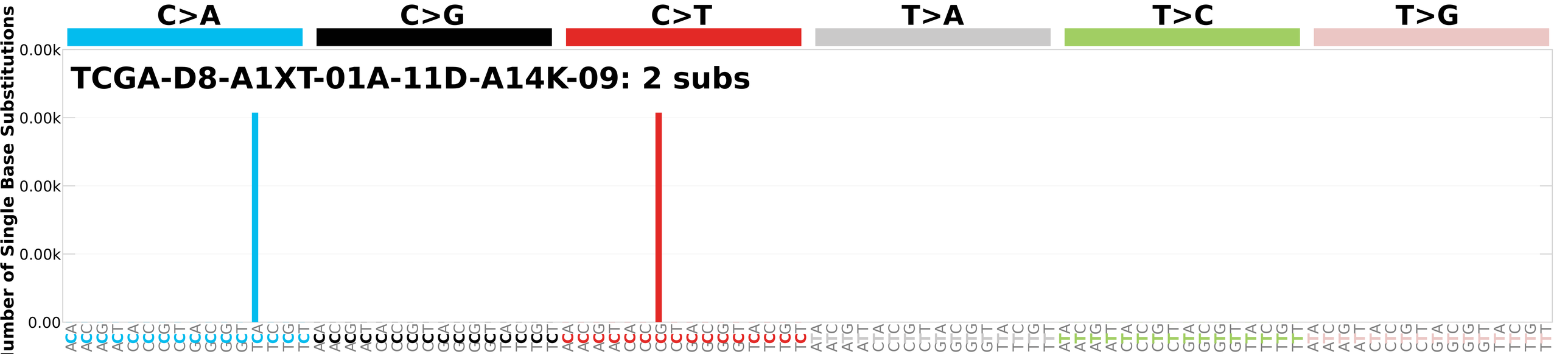
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T>G
TCGA-D8-A1XT-01A-11D-A14K-09: 2 subs
Number of Single Base Substitutions
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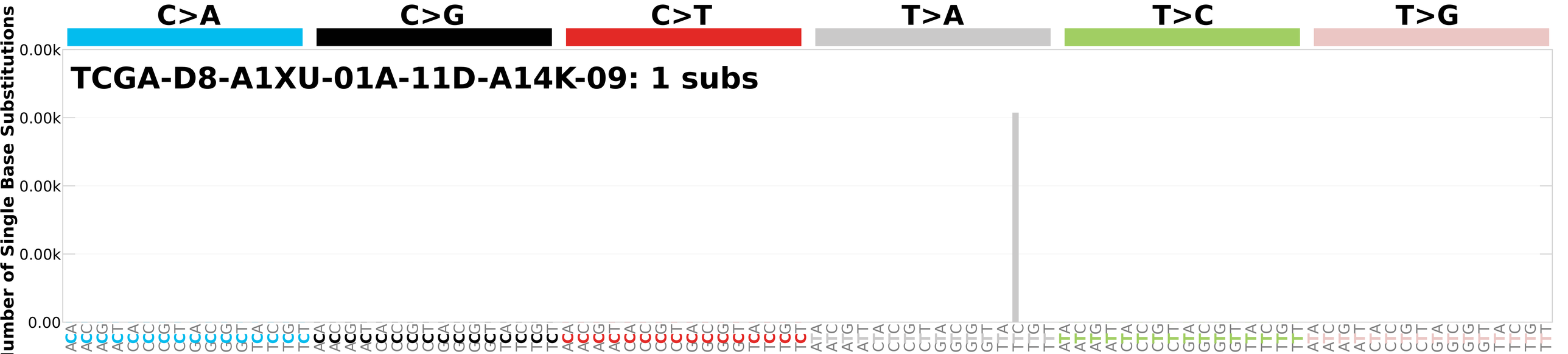
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T>C
T>G
TCGA-D8-A1XU-01A-11D-A14K-09: 1 subs
Number of Single Base Substitutions
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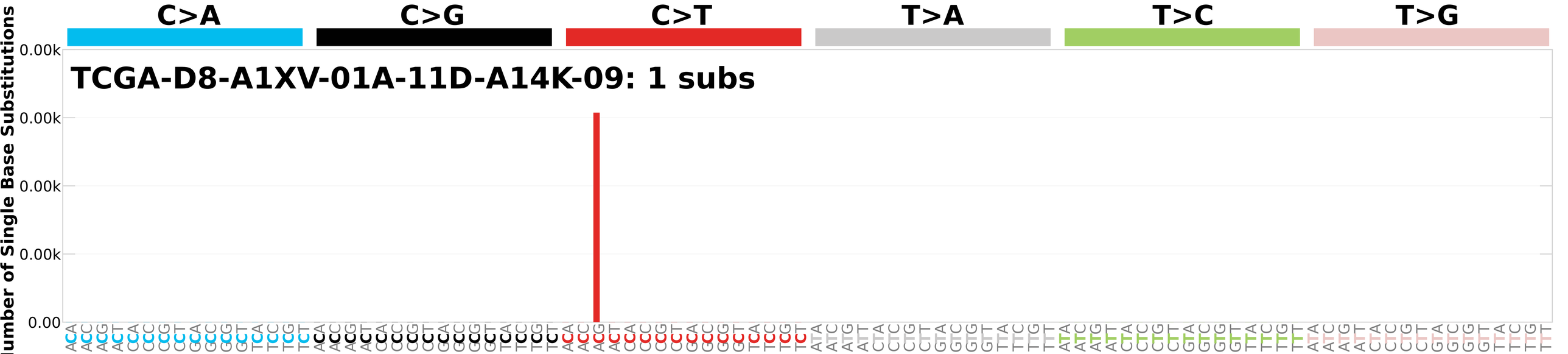
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T>G
TCGA-D8-A1XV-01A-11D-A14K-09: 1 subs
Number of Single Base Substitutions
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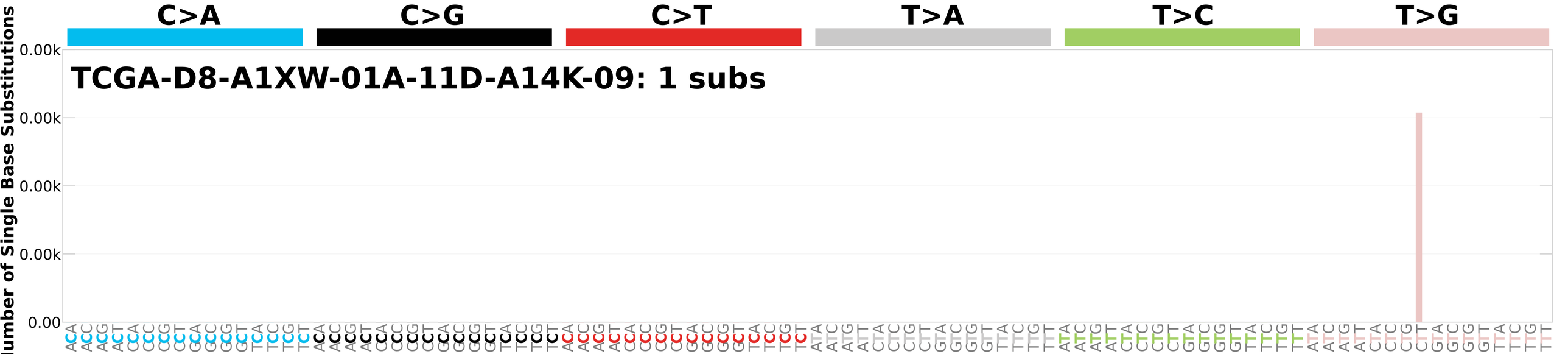
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T>C
T>G
TCGA-D8-A1XW-01A-11D-A14K-09: 1 subs
Number of Single Base Substitutions
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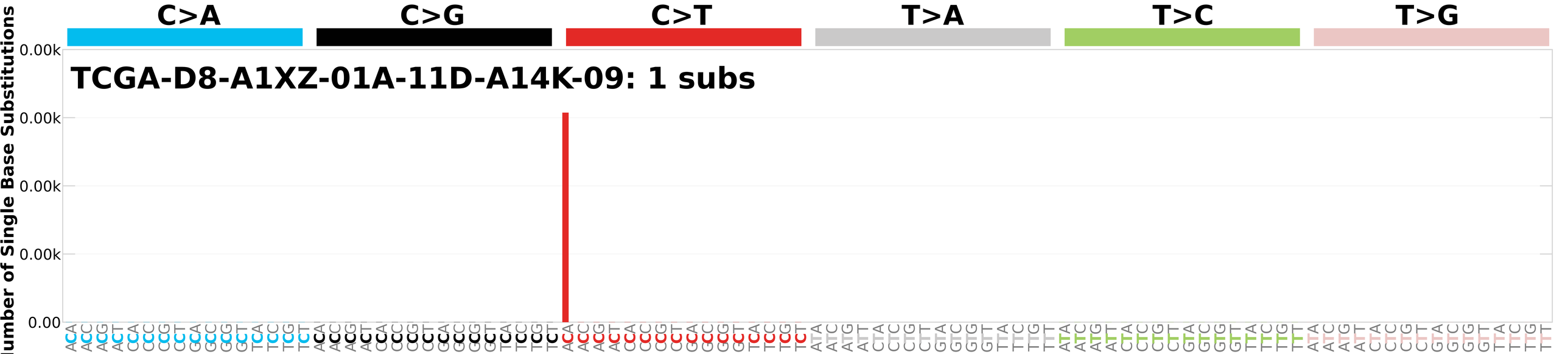
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T>C
T>G
TCGA-D8-A1XZ-01A-11D-A14K-09: 1 subs
Number of Single Base Substitutions
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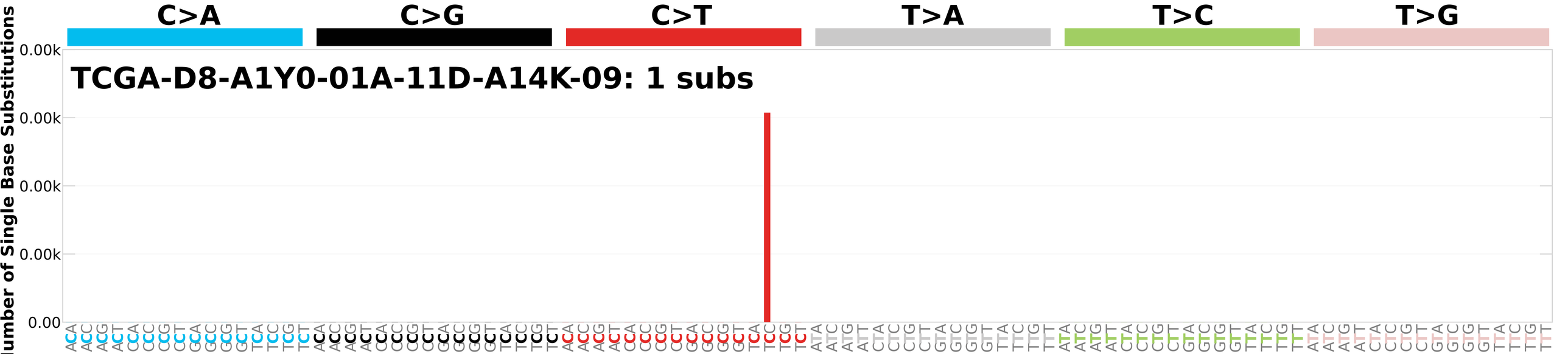
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T>A
T>C
T>G
TCGA-D8-A1Y0-01A-11D-A14K-09: 1 subs
Number of Single Base Substitutions
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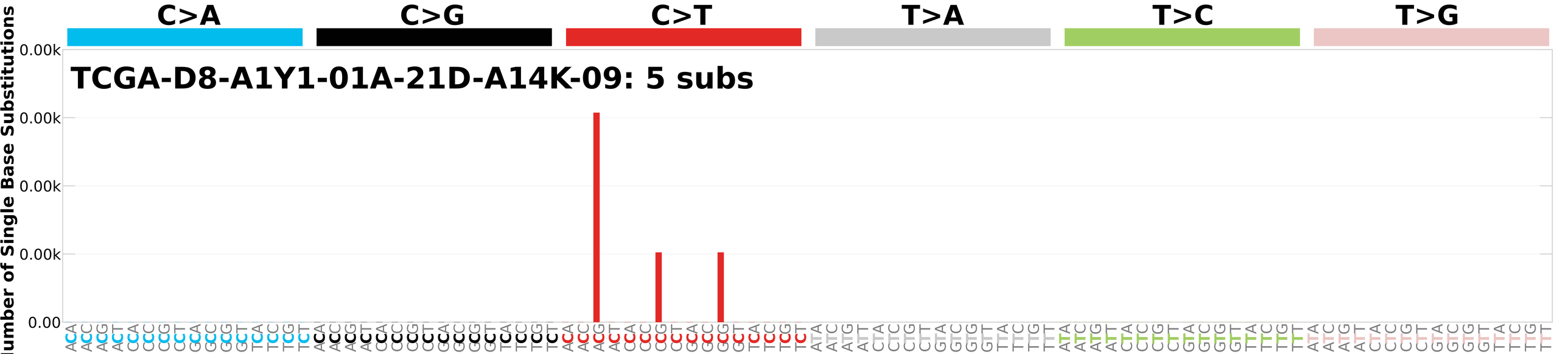
C>A
C>G
C>T
T>A
T>C
T>G
TCGA-D8-A1Y1-01A-21D-A14K-09: 5 subs
Number of Single Base Substitutions
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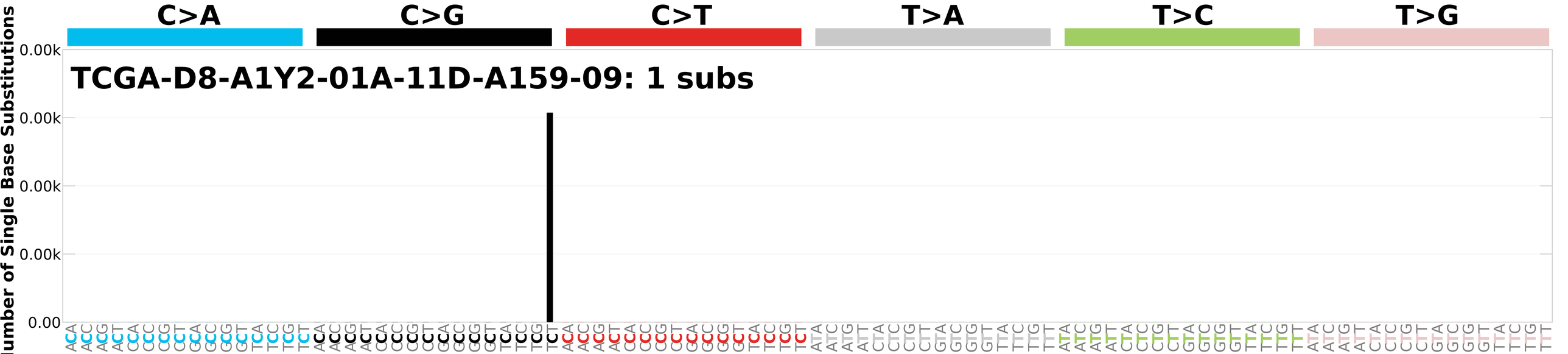
C>A
C>G
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T>G
TCGA-D8-A1Y2-01A-11D-A159-09: 1 subs
Number of Single Base Substitutions
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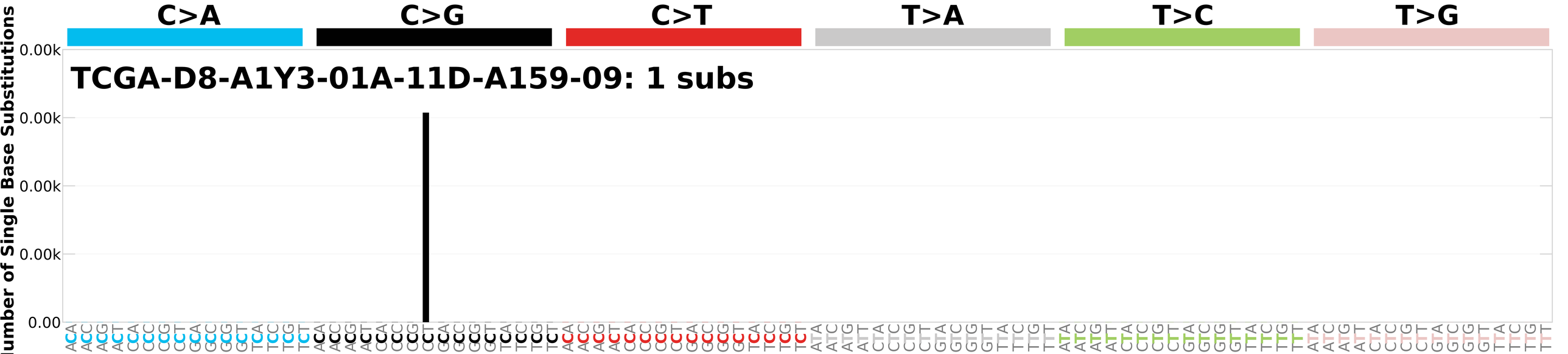
C>A
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T>C
T>G
TCGA-D8-A1Y3-01A-11D-A159-09: 1 subs
Number of Single Base Substitutions
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0.00k
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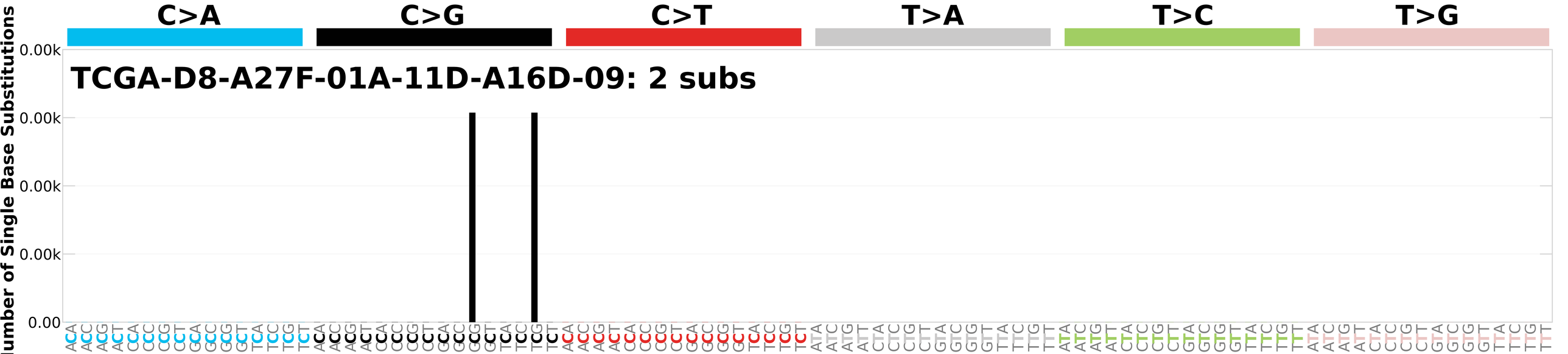
C>A
C>G
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T>A
T>C
T>G
TCGA-D8-A27F-01A-11D-A16D-09: 2 subs
Number of Single Base Substitutions
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0.00k
0.00k
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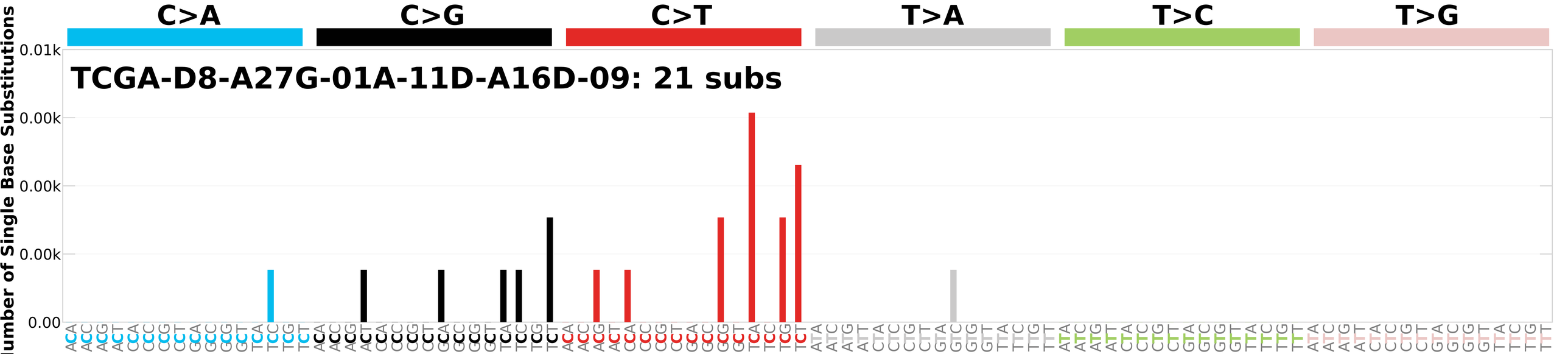
0.00


C>A
C>G
C>T
T>A
T>C
T>G
TCGA-D8-A27G-01A-11D-A16D-09: 21 subs
Number of Single Base Substitutions
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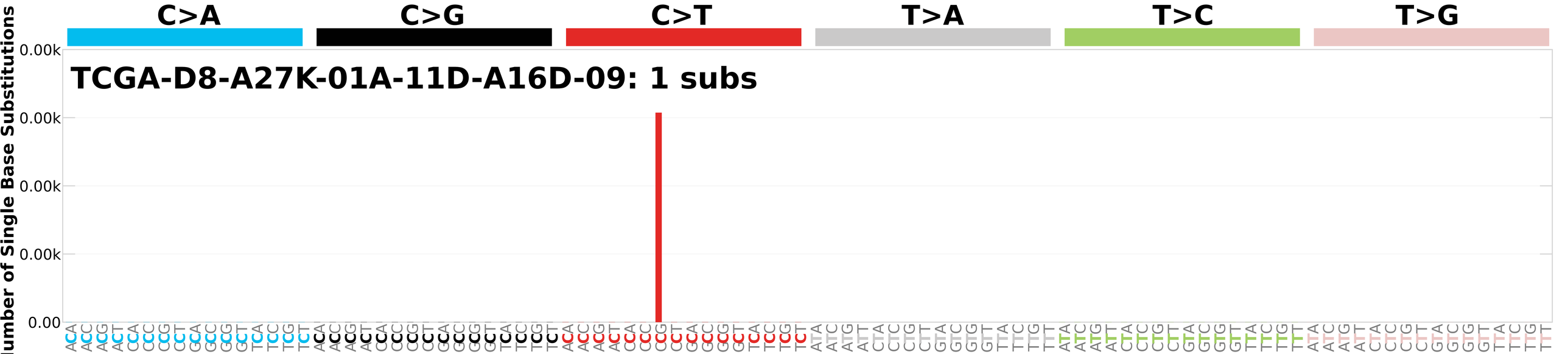
C>A
C>G
C>T
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T>C
T>G
TCGA-D8-A27K-01A-11D-A16D-09: 1 subs
Number of Single Base Substitutions
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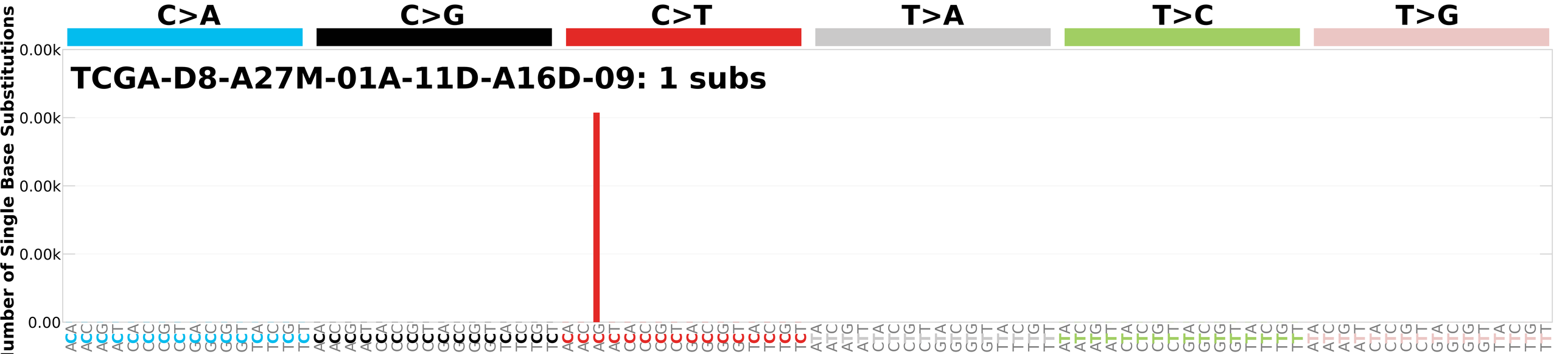
C>A
C>G
C>T
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T>C
T>G
TCGA-D8-A27M-01A-11D-A16D-09: 1 subs
Number of Single Base Substitutions
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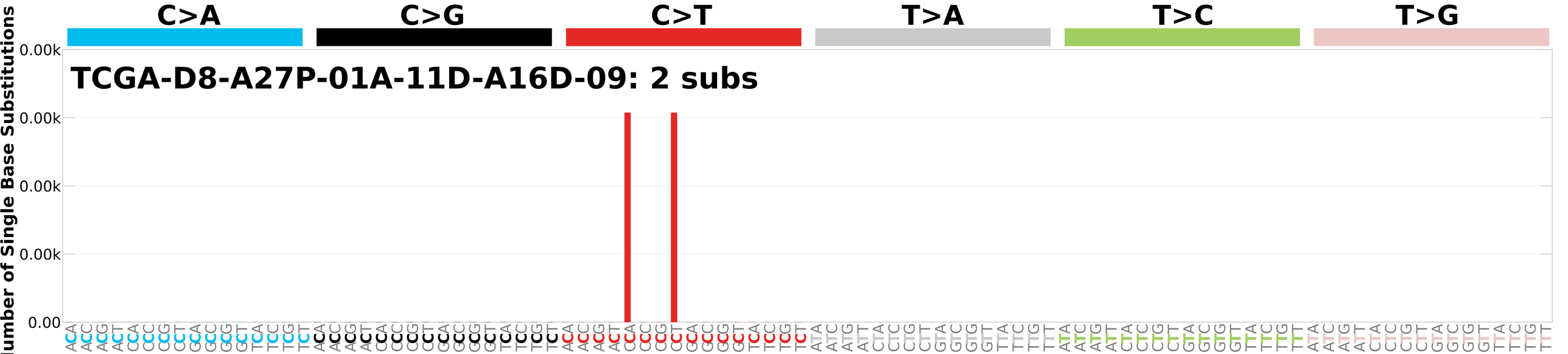
C>A
C>G
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T>C
T>G
TCGA-D8-A27P-01A-11D-A16D-09: 2 subs
Number of Single Base Substitutions
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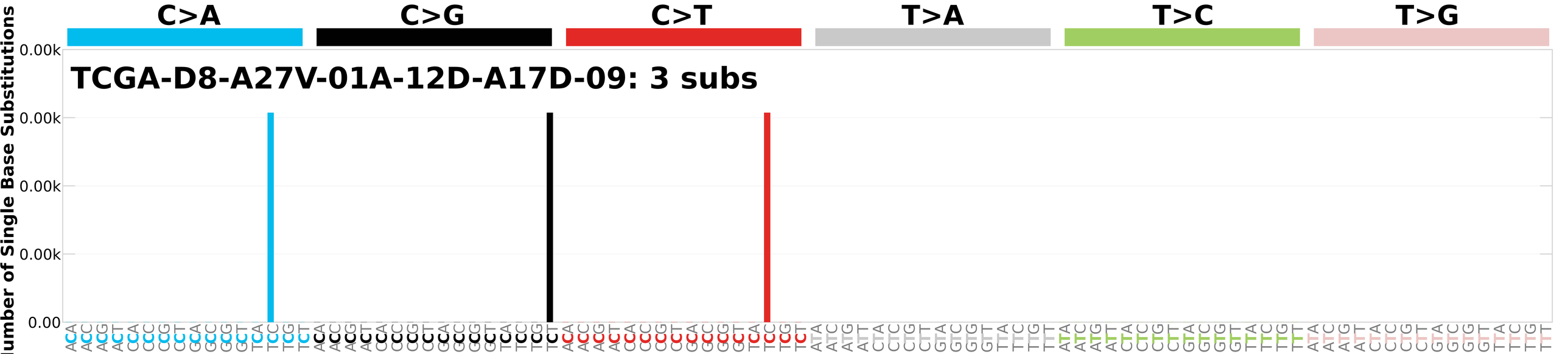
C>A
C>G
C>T
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T>C
T>G
TCGA-D8-A27V-01A-12D-A17D-09: 3 subs
Number of Single Base Substitutions
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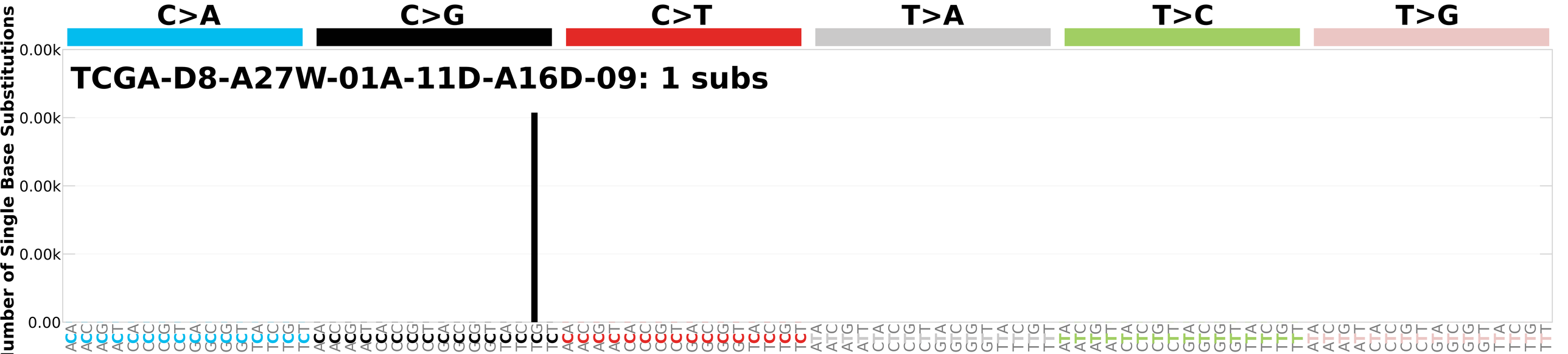
C>A
C>G
C>T
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T>C
T>G
TCGA-D8-A27W-01A-11D-A16D-09: 1 subs
Number of Single Base Substitutions
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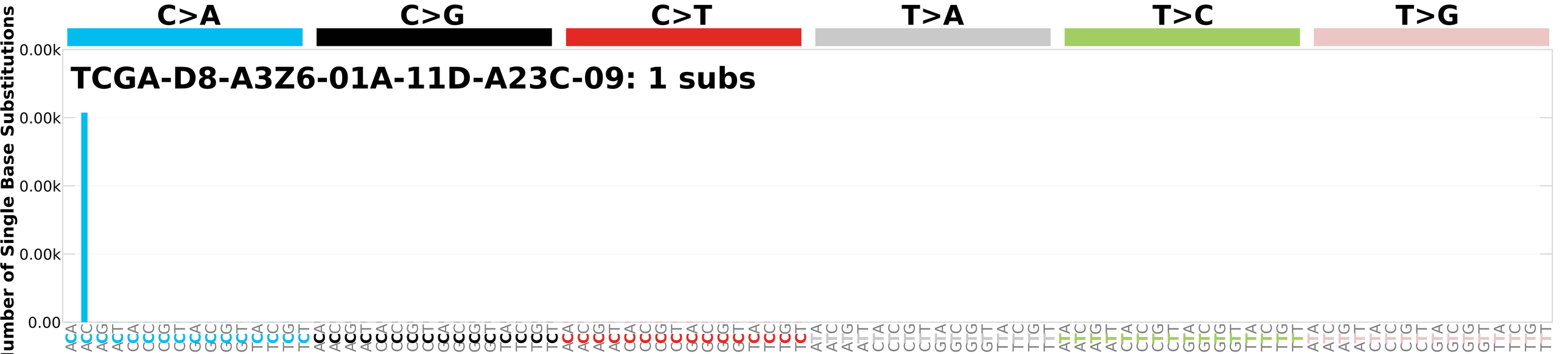
C>A
C>G
C>T
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T>C
T>G
TCGA-D8-A3Z6-01A-11D-A23C-09: 1 subs
Number of Single Base Substitutions
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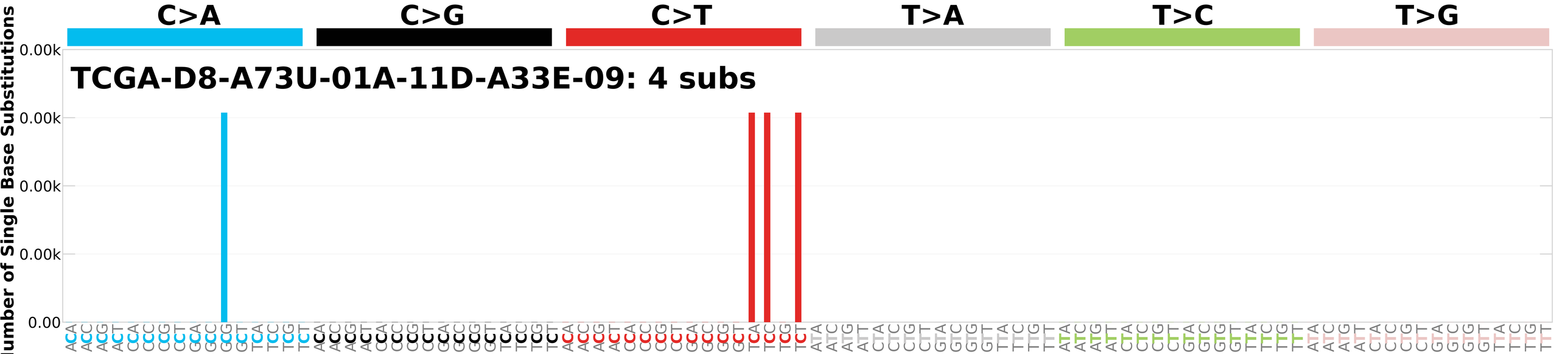
C>A
C>G
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T>G
TCGA-D8-A73U-01A-11D-A33E-09: 4 subs
Number of Single Base Substitutions
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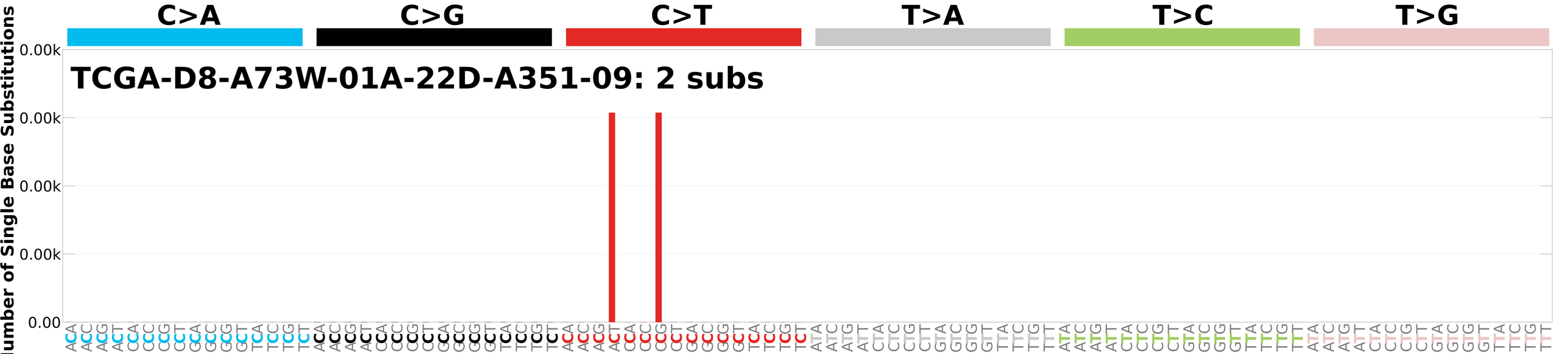
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T>G
TCGA-D8-A73W-01A-22D-A351-09: 2 subs
Number of Single Base Substitutions
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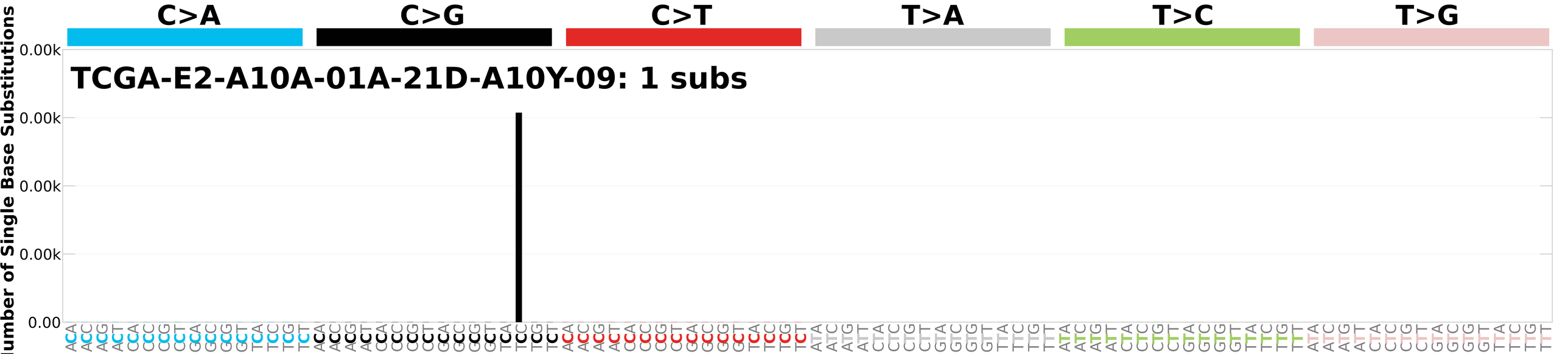
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T>G
TCGA-E2-A10A-01A-21D-A10Y-09: 1 subs
Number of Single Base Substitutions
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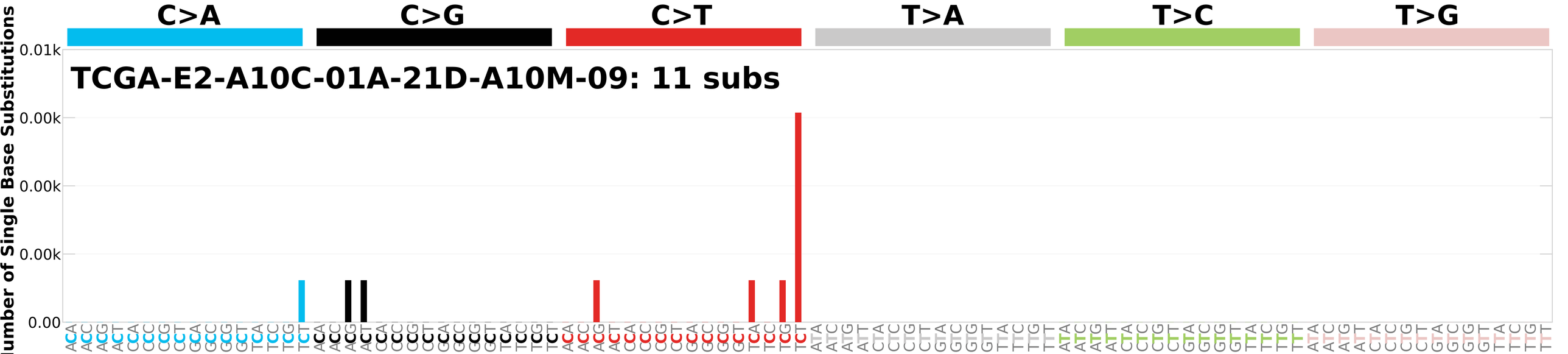
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C>G
C>T
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T>G
TCGA-E2-A10C-01A-21D-A10M-09: 11 subs
Number of Single Base Substitutions
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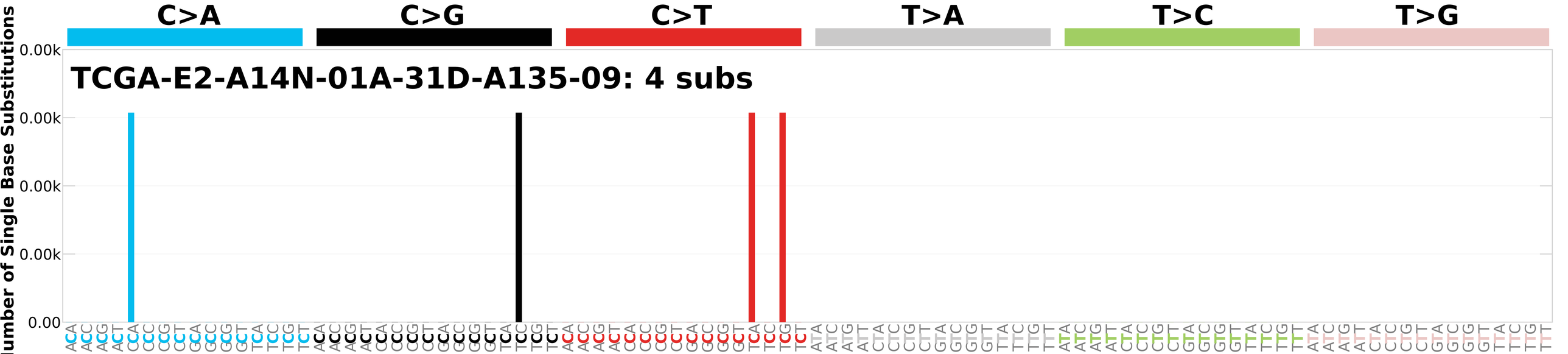
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TCGA-E2-A14N-01A-31D-A135-09: 4 subs
Number of Single Base Substitutions
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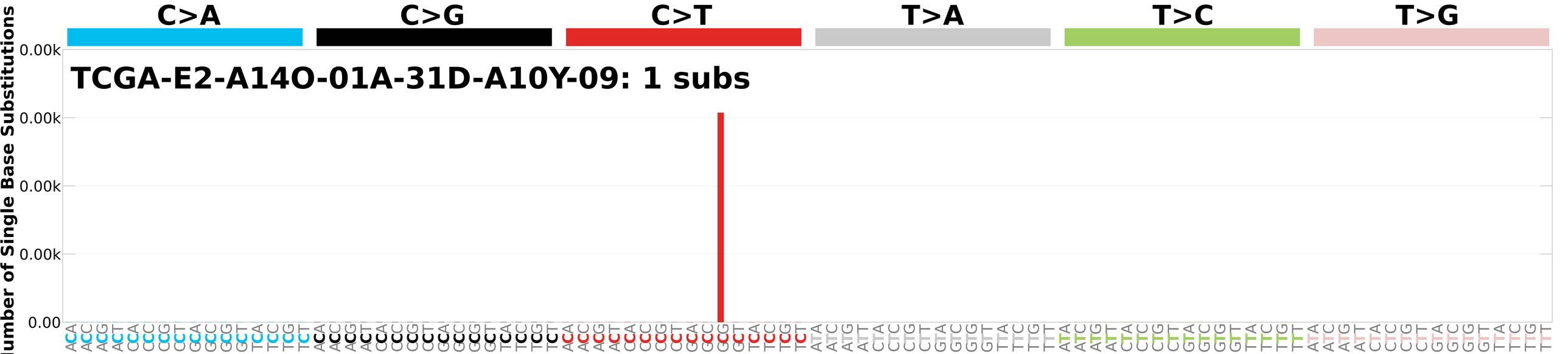
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TCGA-E2-A14O-01A-31D-A10Y-09: 1 subs
Number of Single Base Substitutions
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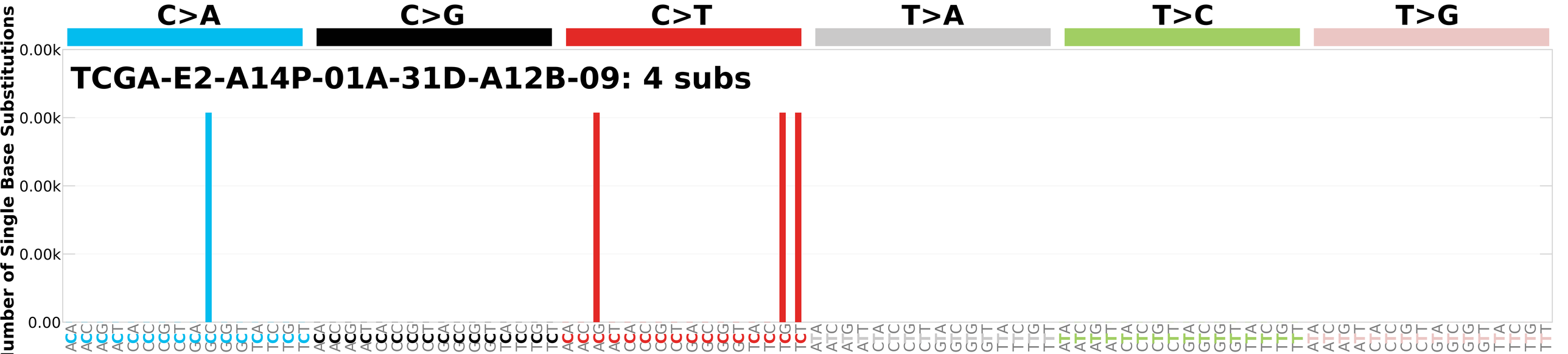
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TCGA-E2-A14P-01A-31D-A12B-09: 4 subs
Number of Single Base Substitutions
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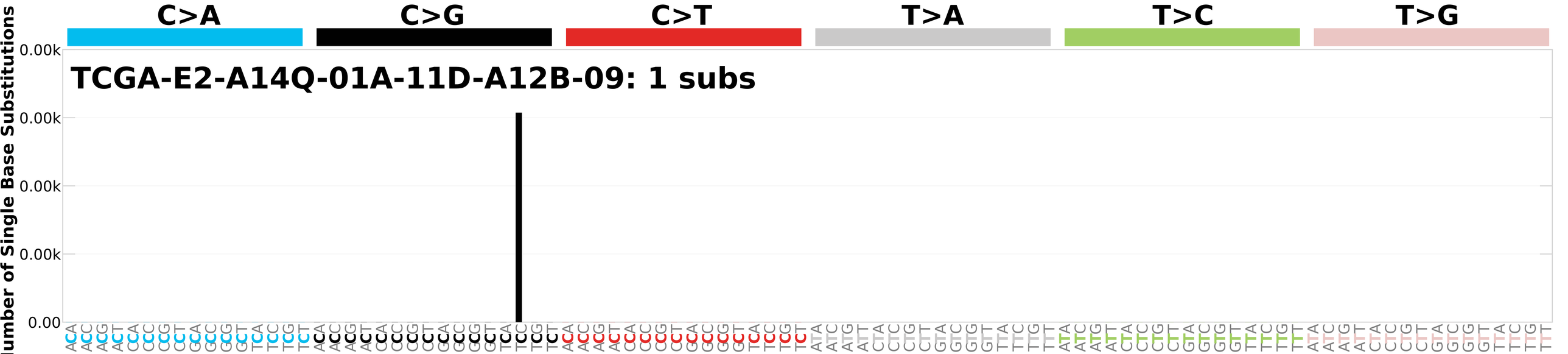
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TCGA-E2-A14Q-01A-11D-A12B-09: 1 subs
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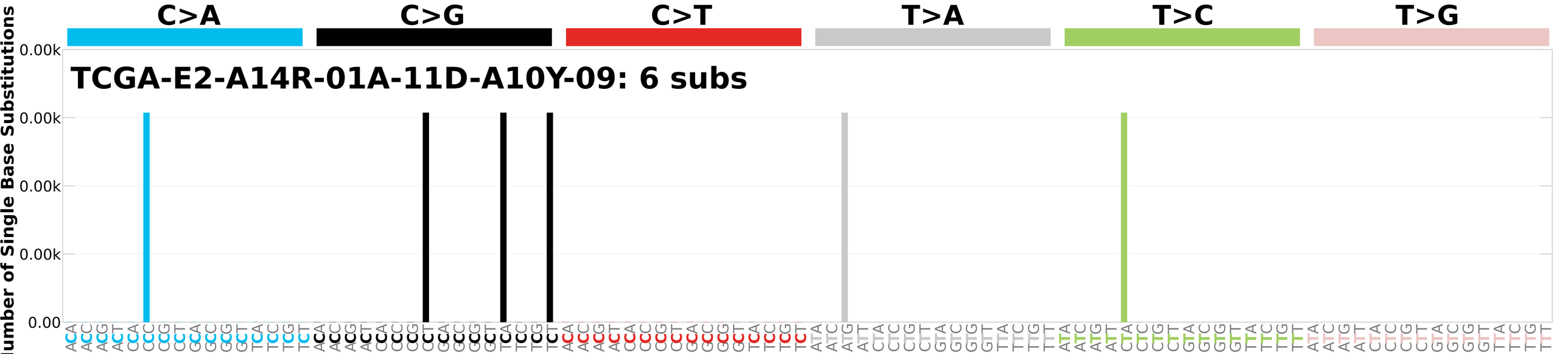
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T>G
TCGA-E2-A14R-01A-11D-A10Y-09: 6 subs
Number of Single Base Substitutions
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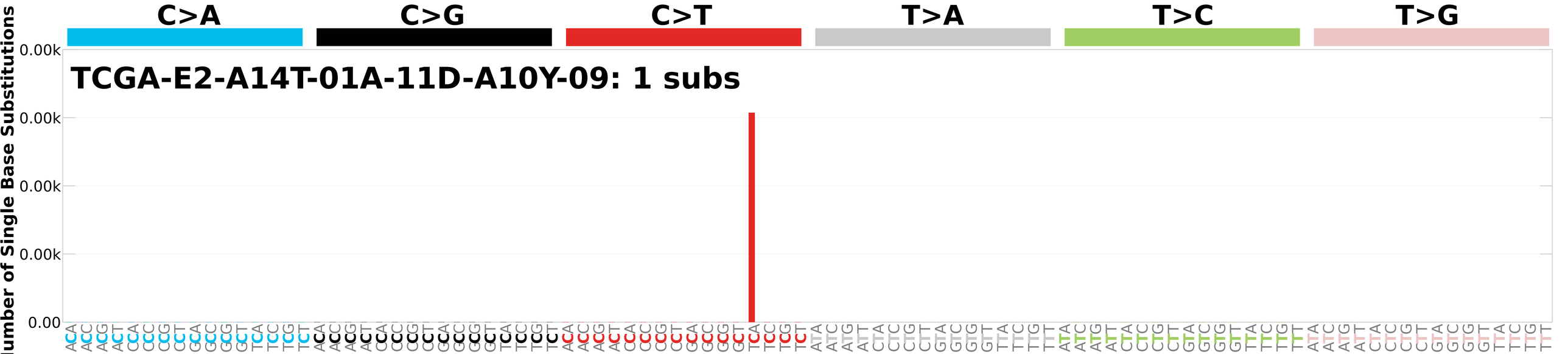
C>A
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C>T
T>A
T>C
T>G
TCGA-E2-A14T-01A-11D-A10Y-09: 1 subs
Number of Single Base Substitutions
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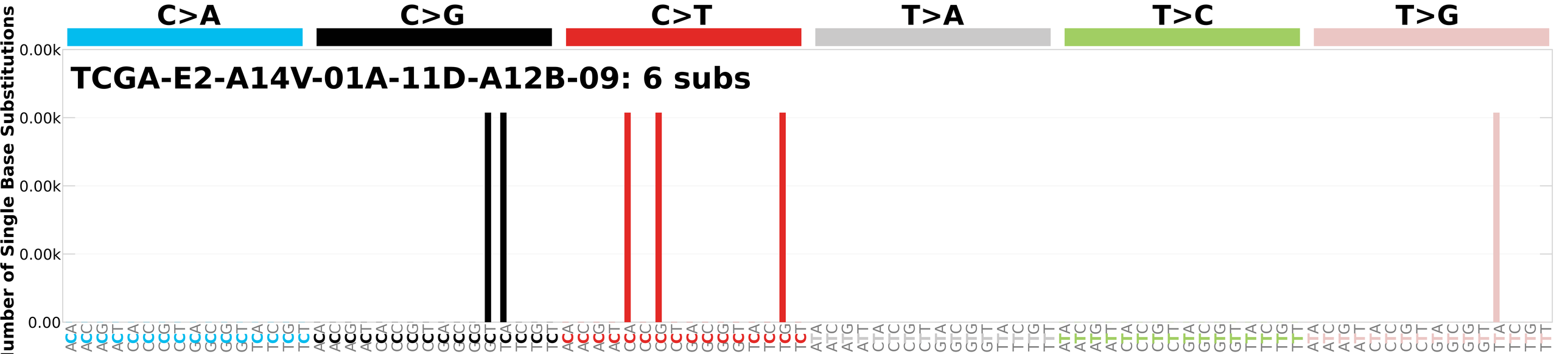
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C>T
T>A
T>C
T>G
TCGA-E2-A14V-01A-11D-A12B-09: 6 subs
Number of Single Base Substitutions
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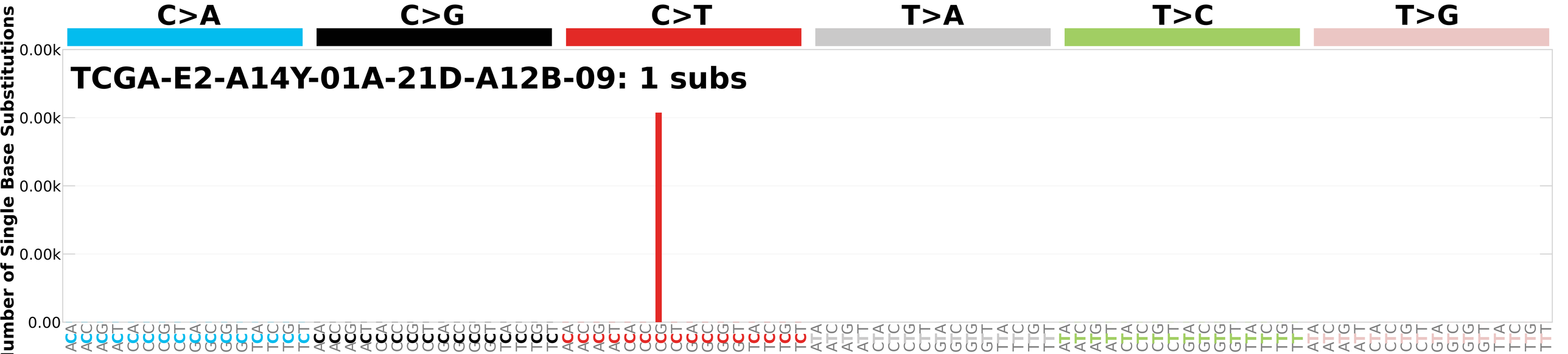
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TCGA-E2-A14Y-01A-21D-A12B-09: 1 subs
Number of Single Base Substitutions
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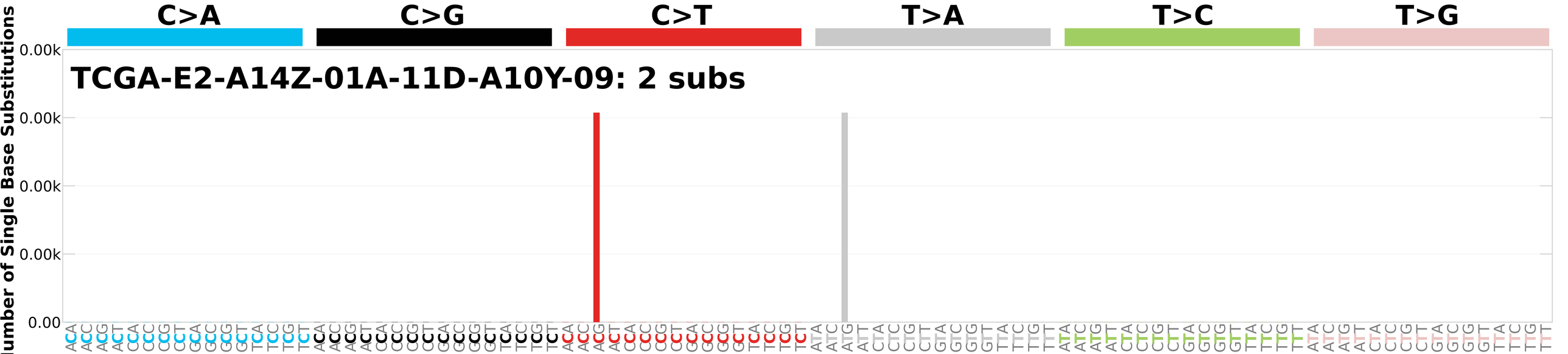
C>A
C>G
C>T
T>A
T>C
T>G
TCGA-E2-A14Z-01A-11D-A10Y-09: 2 subs
Number of Single Base Substitutions
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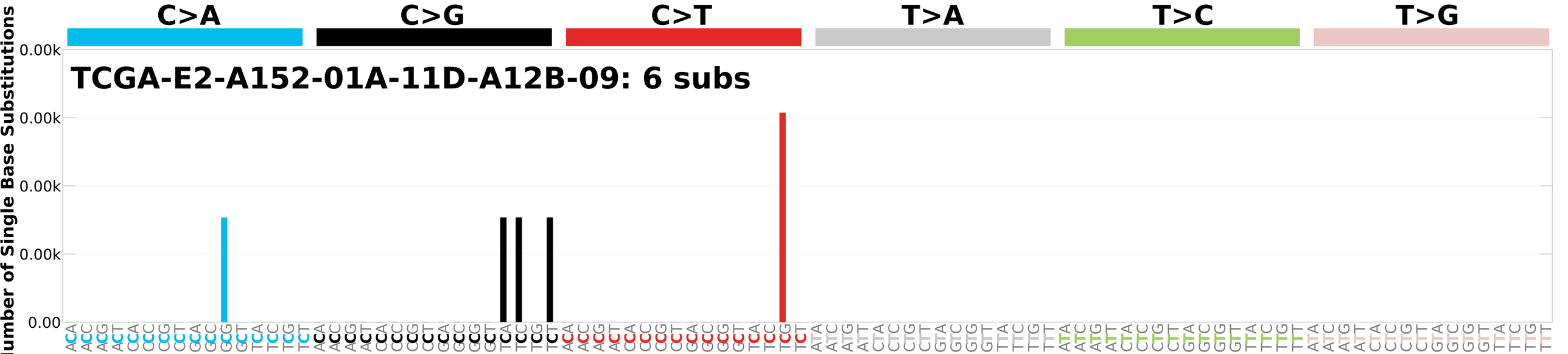
C>A
C>G
C>T
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T>G
TCGA-E2-A152-01A-11D-A12B-09: 6 subs
Number of Single Base Substitutions
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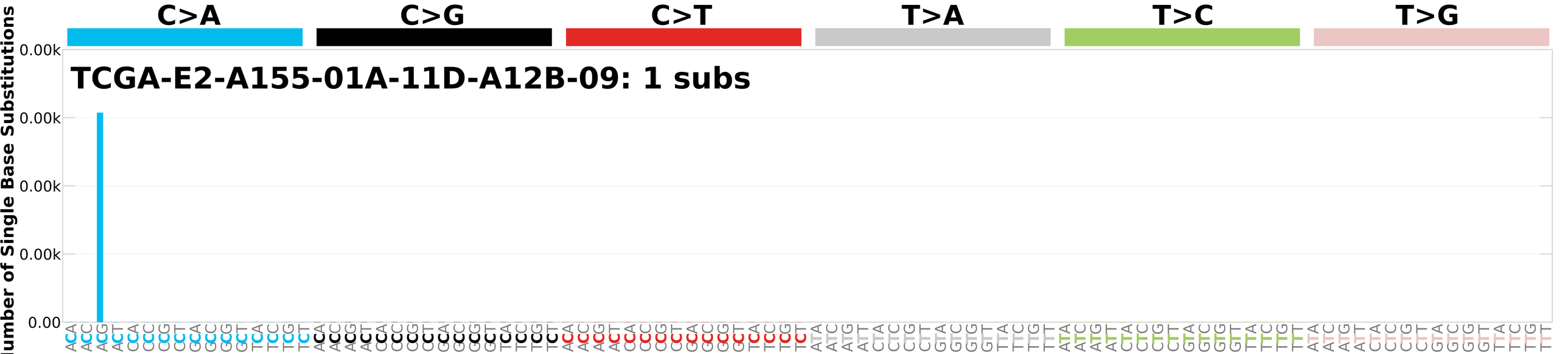
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T>G
TCGA-E2-A155-01A-11D-A12B-09: 1 subs
Number of Single Base Substitutions
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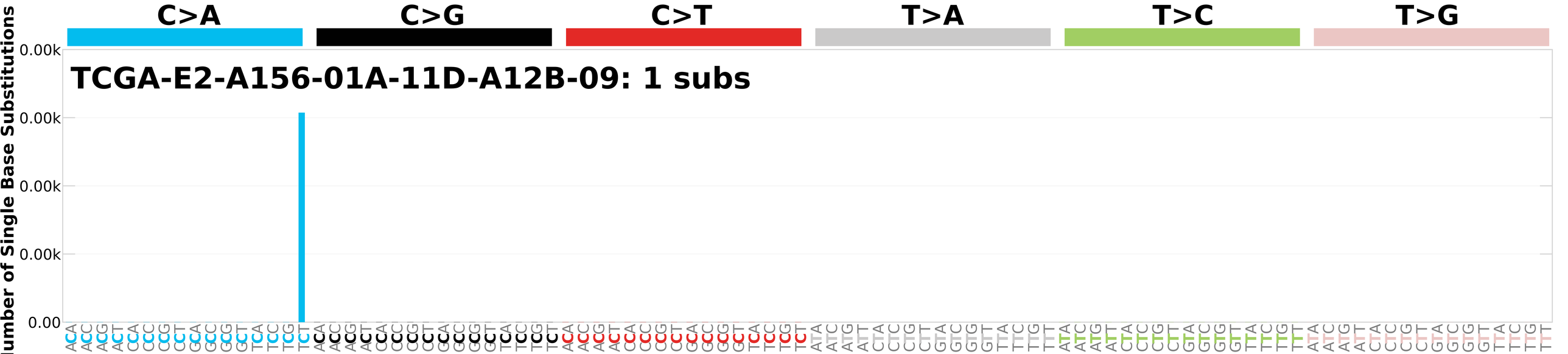
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T>G
TCGA-E2-A156-01A-11D-A12B-09: 1 subs
Number of Single Base Substitutions
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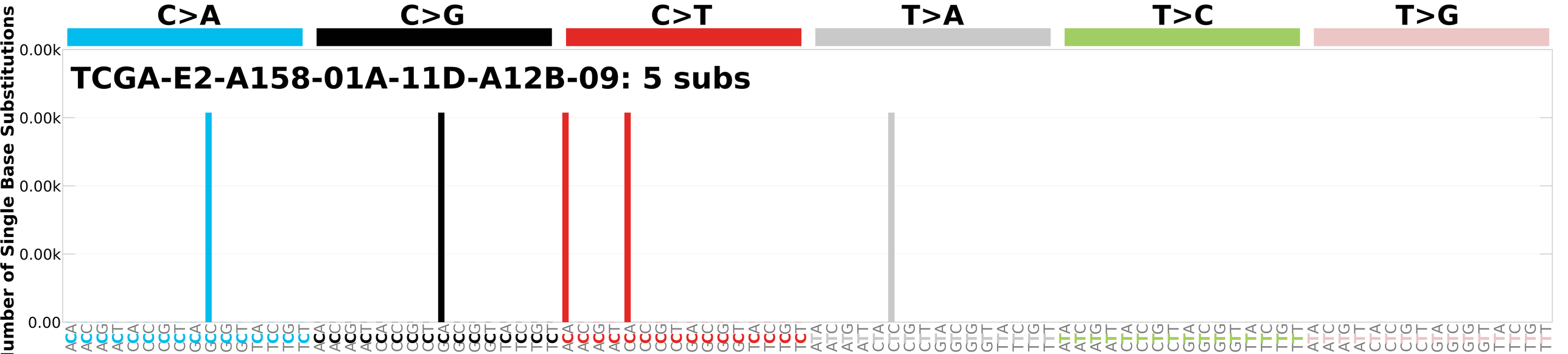
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T>G
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Number of Single Base Substitutions
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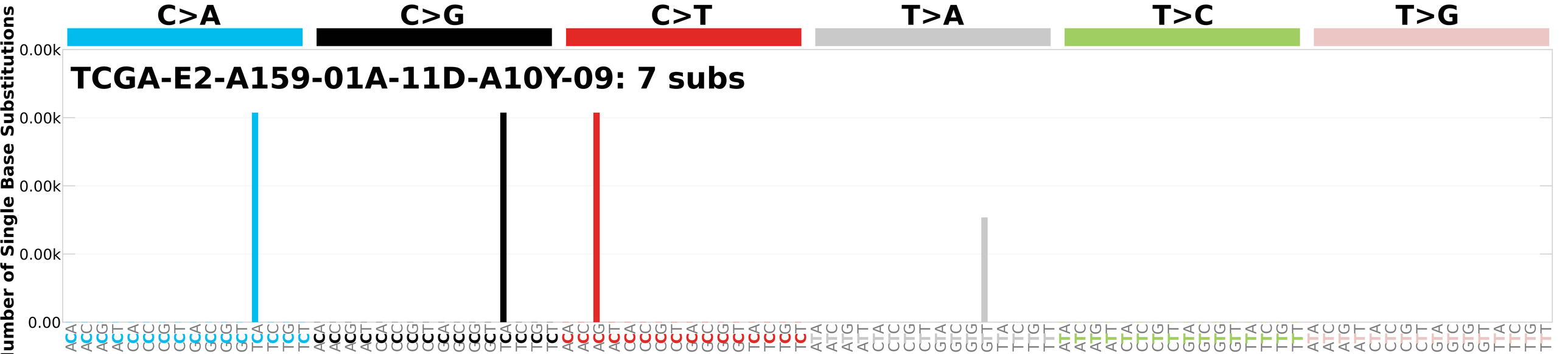
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T>G
TCGA-E2-A159-01A-11D-A10Y-09: 7 subs
Number of Single Base Substitutions
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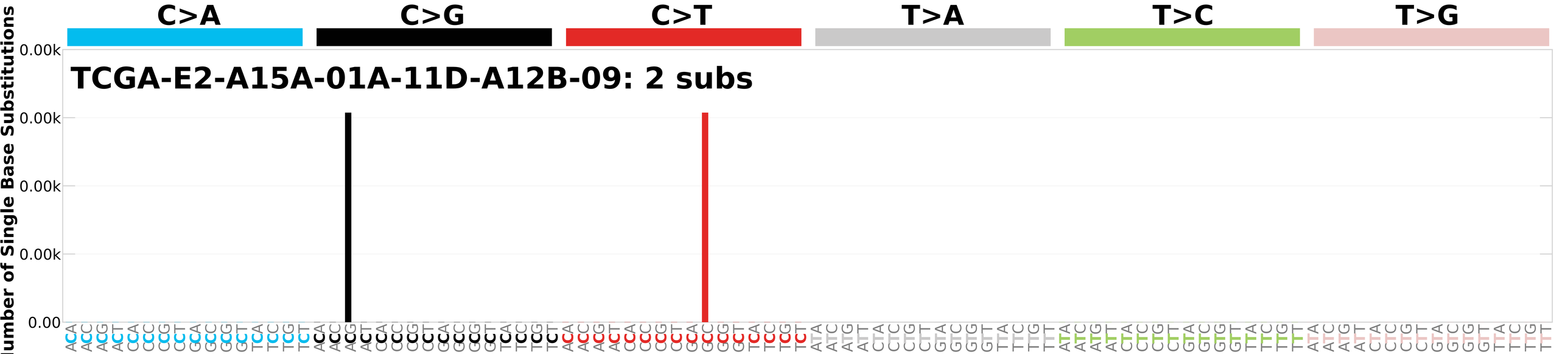
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T>G
TCGA-E2-A15A-01A-11D-A12B-09: 2 subs
Number of Single Base Substitutions
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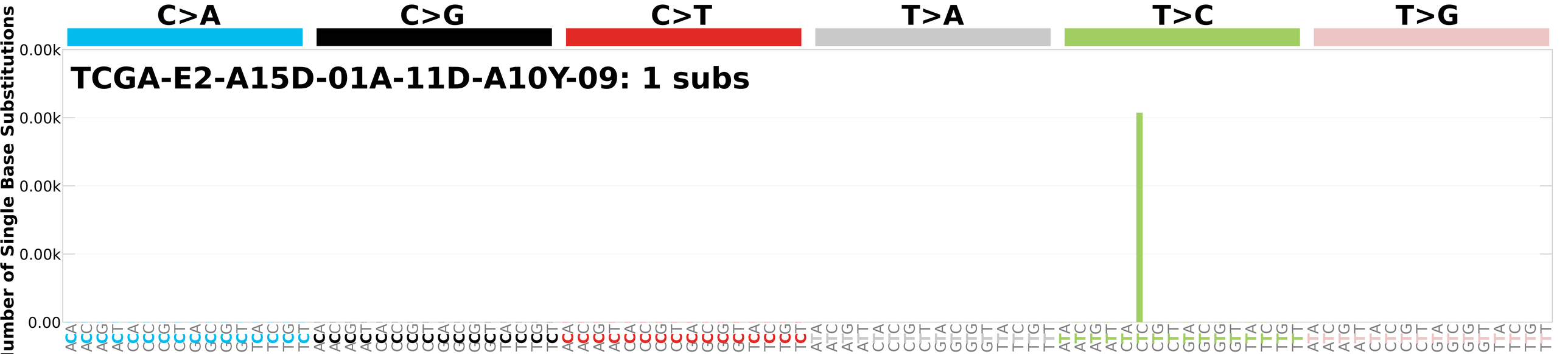
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T>C
T>G
TCGA-E2-A15D-01A-11D-A10Y-09: 1 subs
Number of Single Base Substitutions
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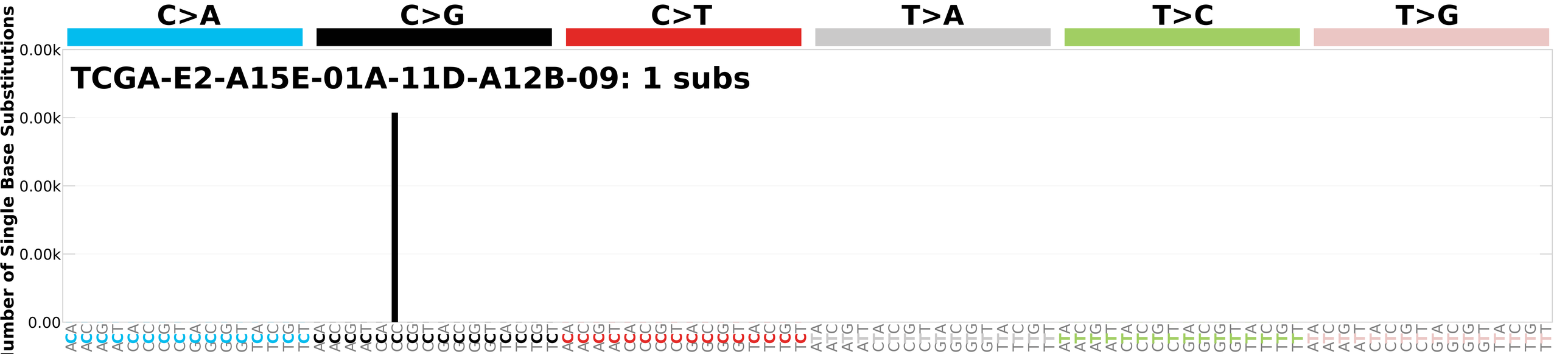
C>A
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T>A
T>C
T>G
TCGA-E2-A15E-01A-11D-A12B-09: 1 subs
Number of Single Base Substitutions
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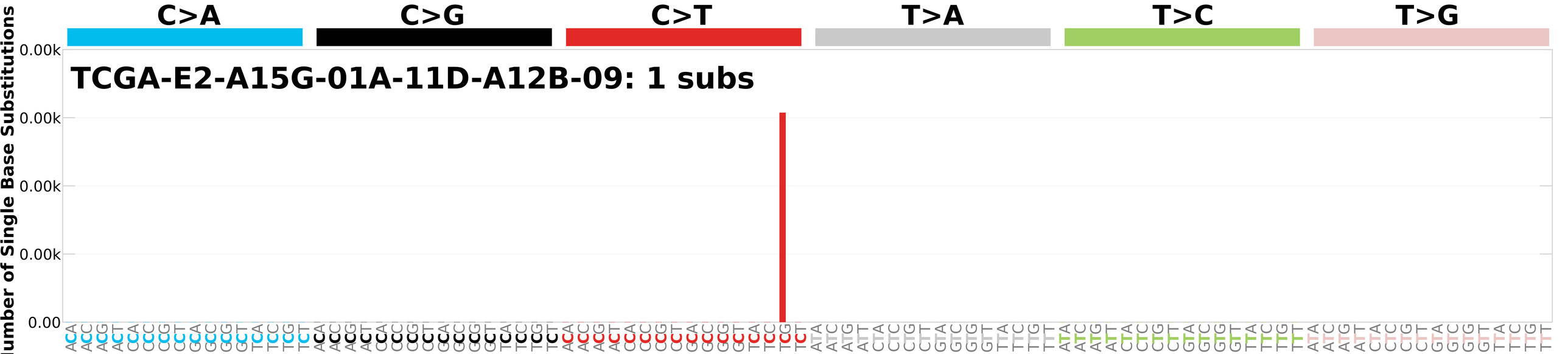
C>A
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T>C
T>G
TCGA-E2-A15G-01A-11D-A12B-09: 1 subs
Number of Single Base Substitutions
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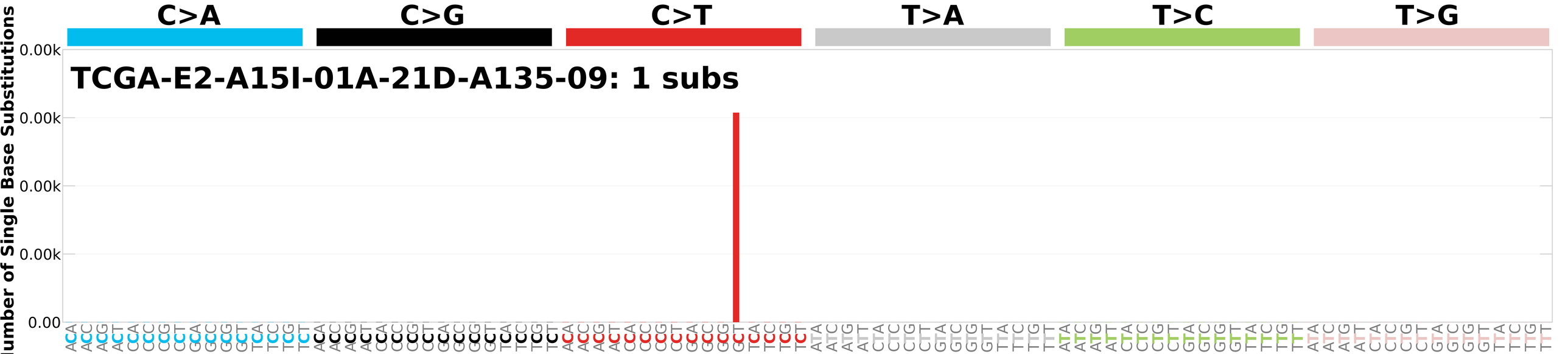
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C>T
T>A
T>C
T>G
TCGA-E2-A15I-01A-21D-A135-09: 1 subs
Number of Single Base Substitutions
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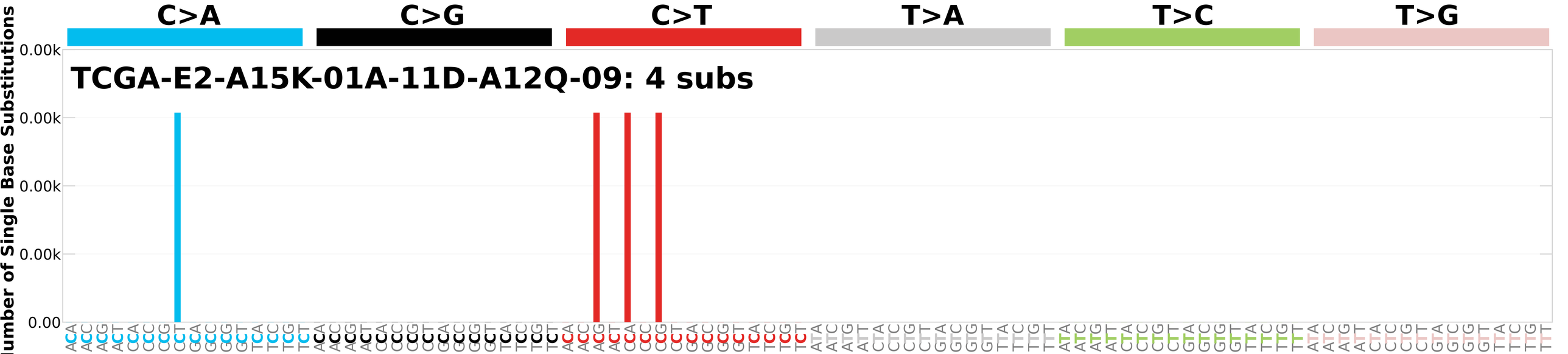
C>A
C>G
C>T
T>A
T>C
T>G
TCGA-E2-A15K-01A-11D-A12Q-09: 4 subs
Number of Single Base Substitutions
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0.00k
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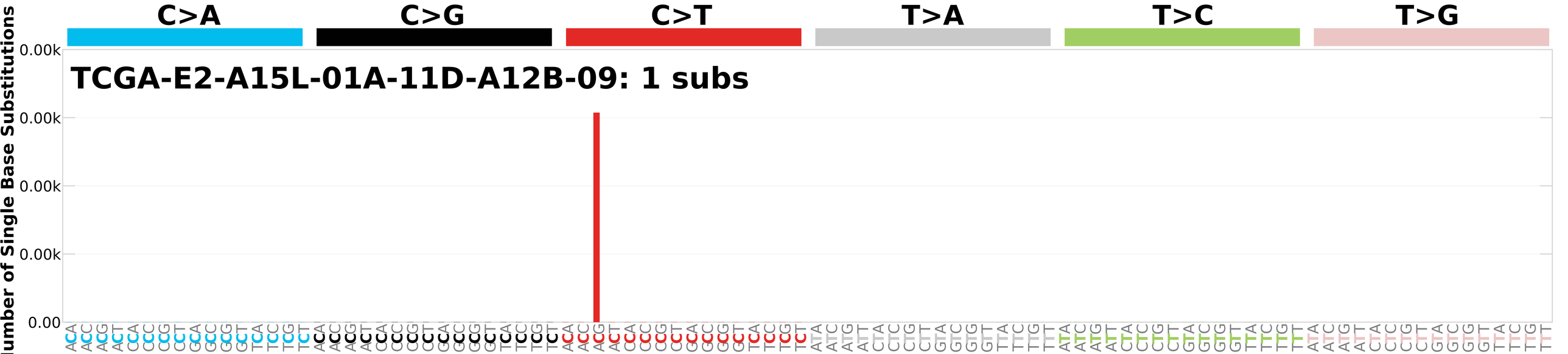
C>A
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T>G
TCGA-E2-A15L-01A-11D-A12B-09: 1 subs
Number of Single Base Substitutions
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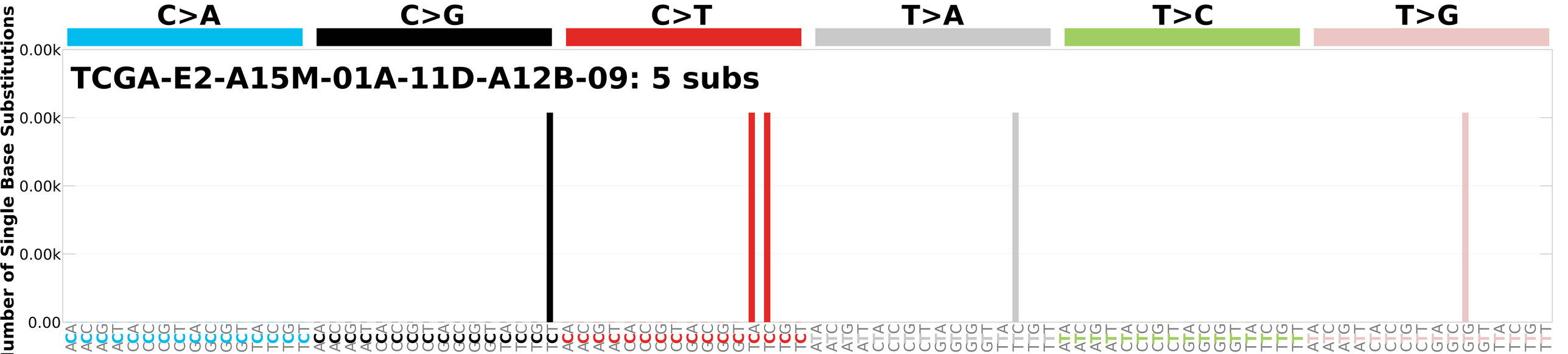
C>A
C>G
C>T
T>A
T>C
T>G
TCGA-E2-A15M-01A-11D-A12B-09: 5 subs
Number of Single Base Substitutions
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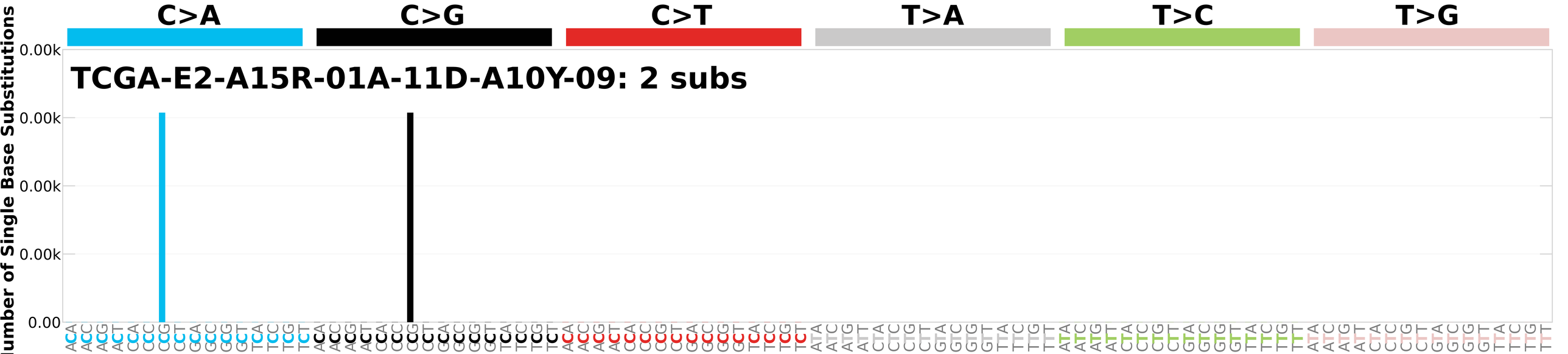
C>A
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T>G
TCGA-E2-A15R-01A-11D-A10Y-09: 2 subs
Number of Single Base Substitutions
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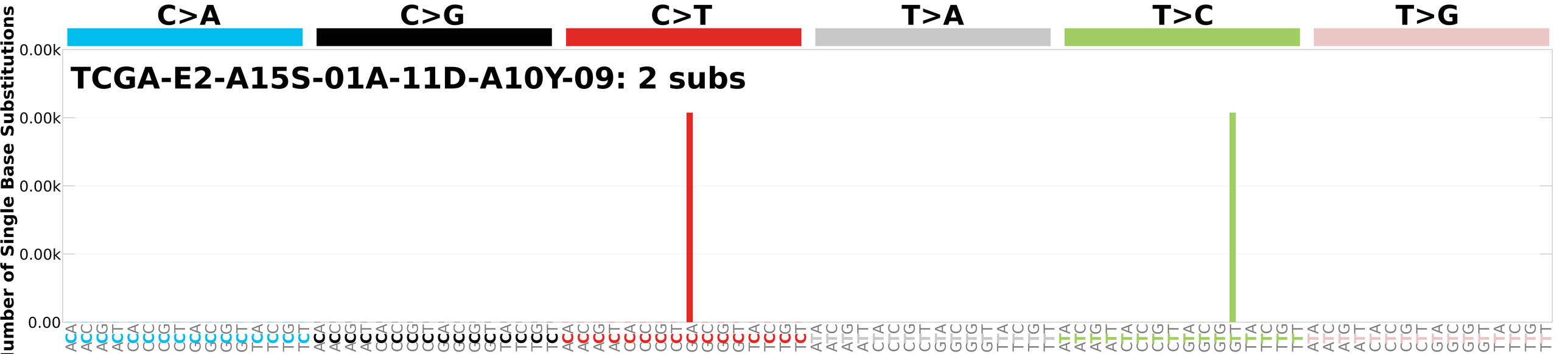
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C>G
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T>C
T>G
TCGA-E2-A15S-01A-11D-A10Y-09: 2 subs
Number of Single Base Substitutions
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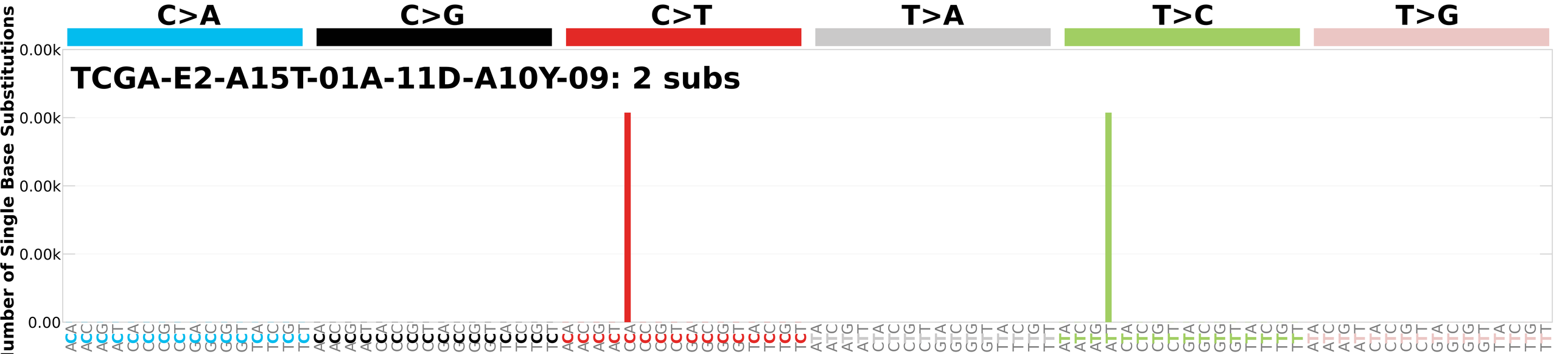
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C>T
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T>C
T>G
TCGA-E2-A15T-01A-11D-A10Y-09: 2 subs
Number of Single Base Substitutions
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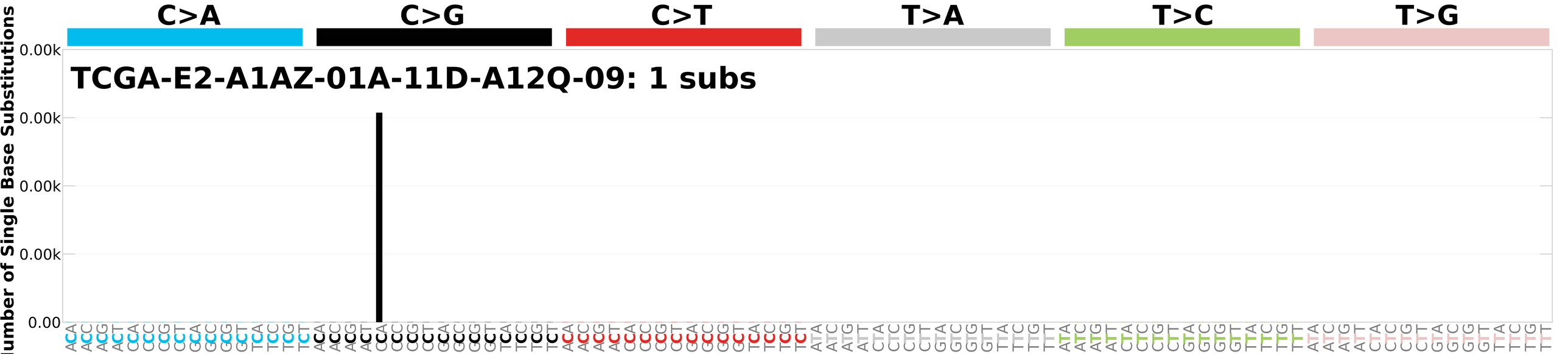
C>A
C>G
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T>C
T>G
TCGA-E2-A1AZ-01A-11D-A12Q-09: 1 subs
Number of Single Base Substitutions
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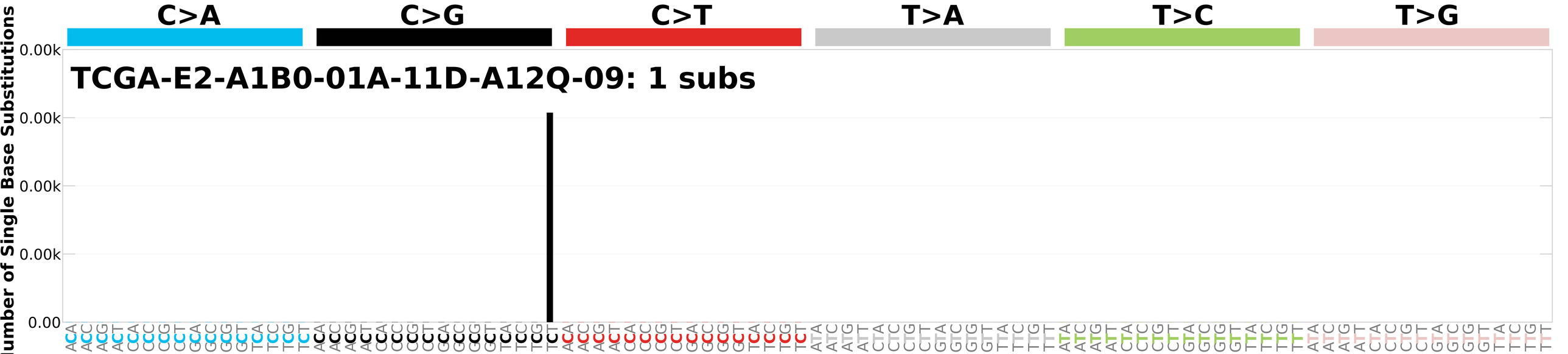
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T>A
T>C
T>G
TCGA-E2-A1B0-01A-11D-A12Q-09: 1 subs
Number of Single Base Substitutions
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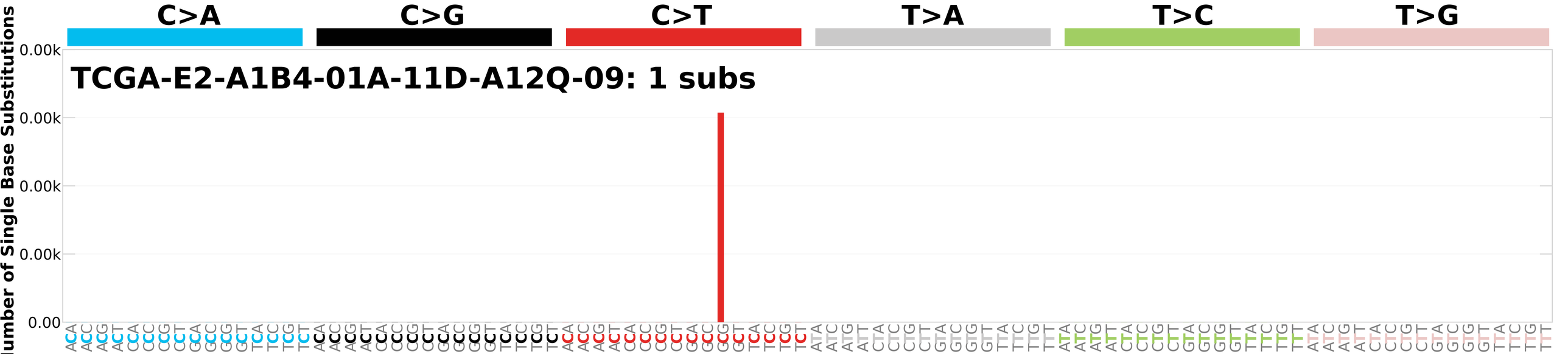
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T>C
T>G
TCGA-E2-A1B4-01A-11D-A12Q-09: 1 subs
Number of Single Base Substitutions
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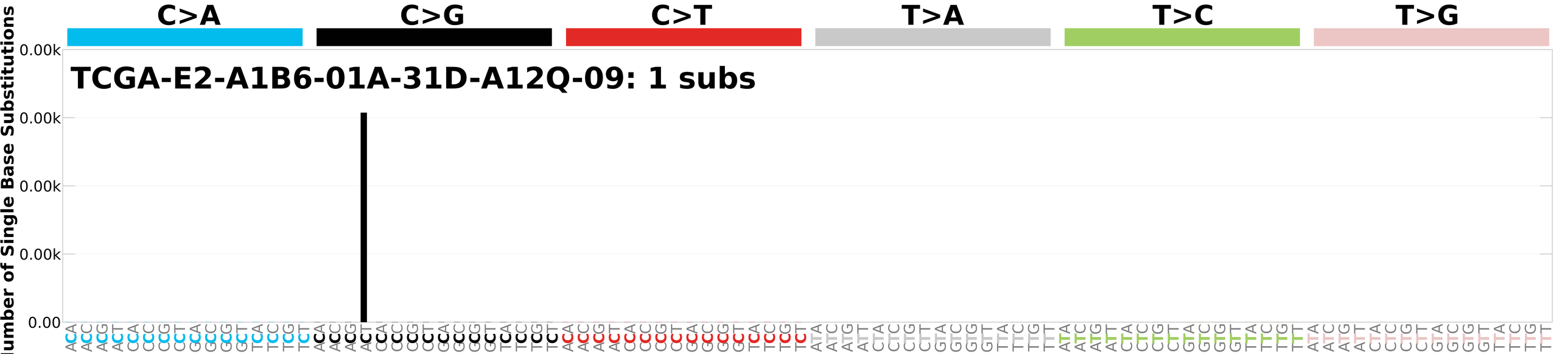
C>A
C>G
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T>G
TCGA-E2-A1B6-01A-31D-A12Q-09: 1 subs
Number of Single Base Substitutions
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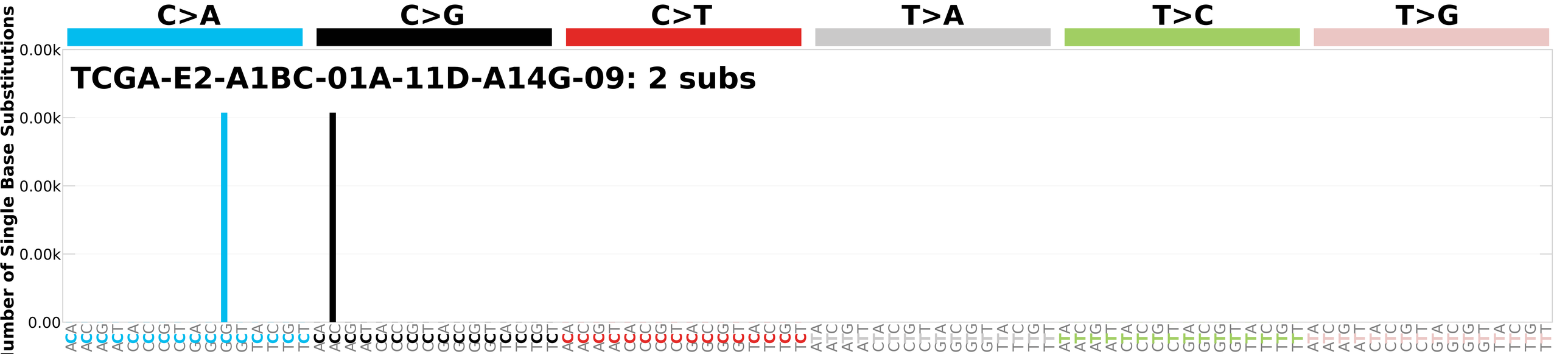
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TCGA-E2-A1BC-01A-11D-A14G-09: 2 subs
Number of Single Base Substitutions
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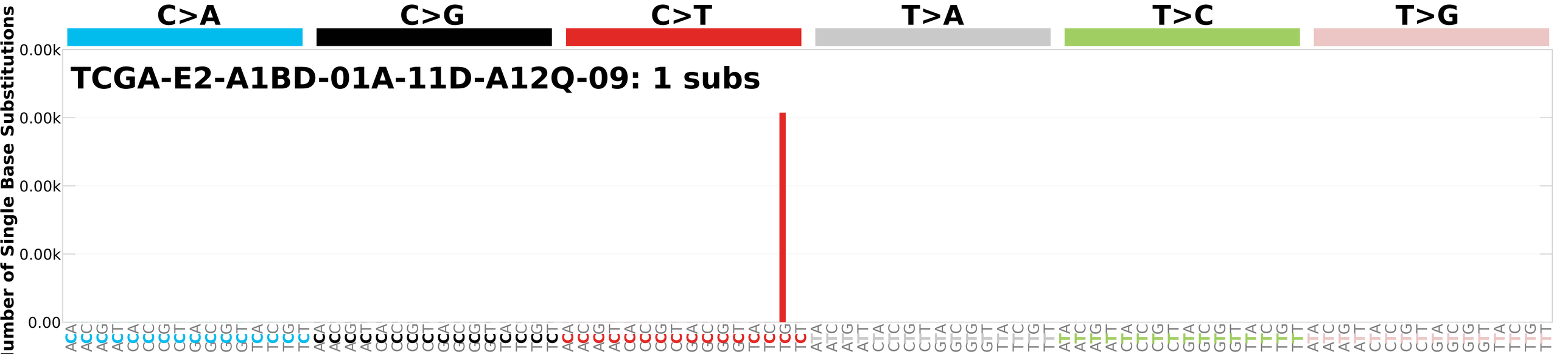
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T>C
T>G
TCGA-E2-A1BD-01A-11D-A12Q-09: 1 subs
Number of Single Base Substitutions
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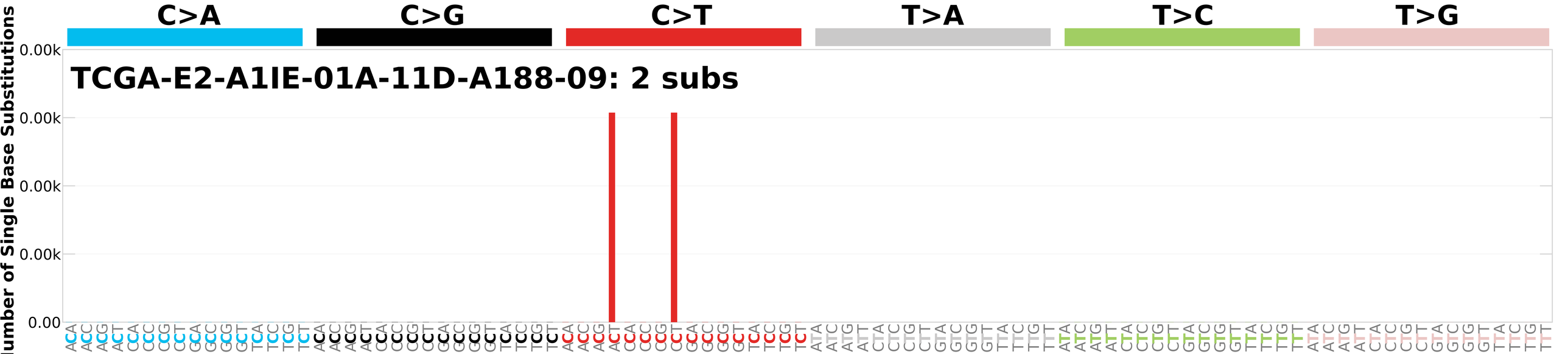
C>A
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T>C
T>G
TCGA-E2-A1IE-01A-11D-A188-09: 2 subs
Number of Single Base Substitutions
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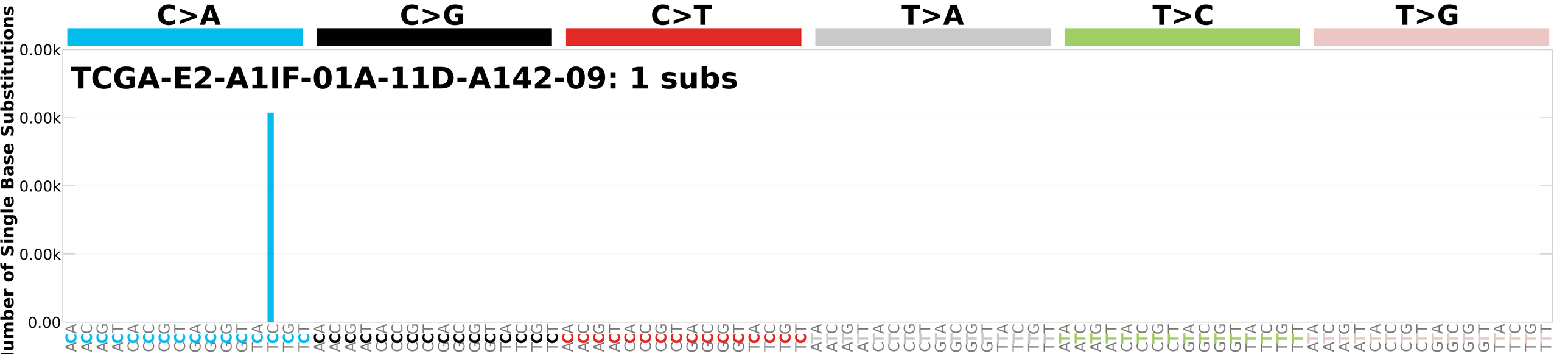
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TCGA-E2-A1IF-01A-11D-A142-09: 1 subs
Number of Single Base Substitutions
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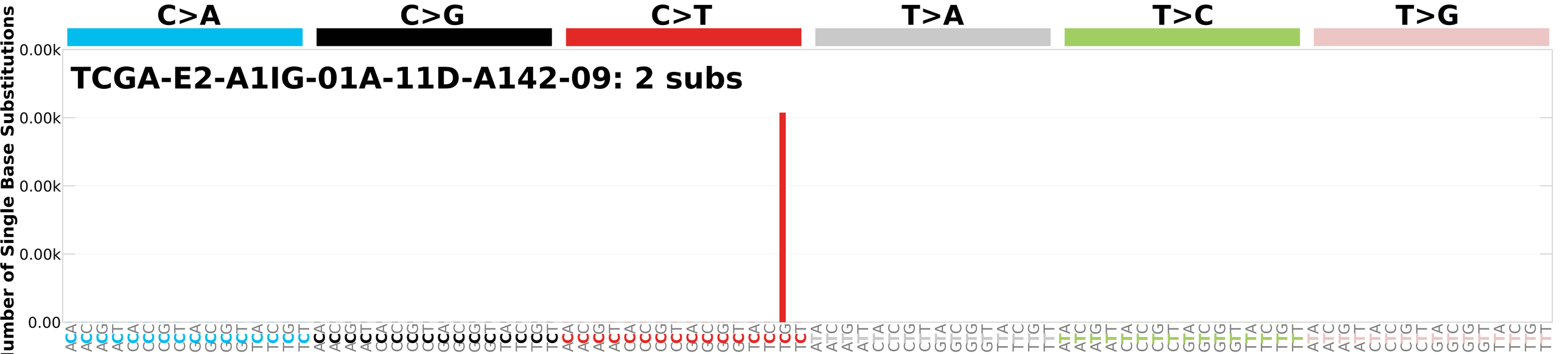
C>A
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T>C
T>G
TCGA-E2-A1IG-01A-11D-A142-09: 2 subs
Number of Single Base Substitutions
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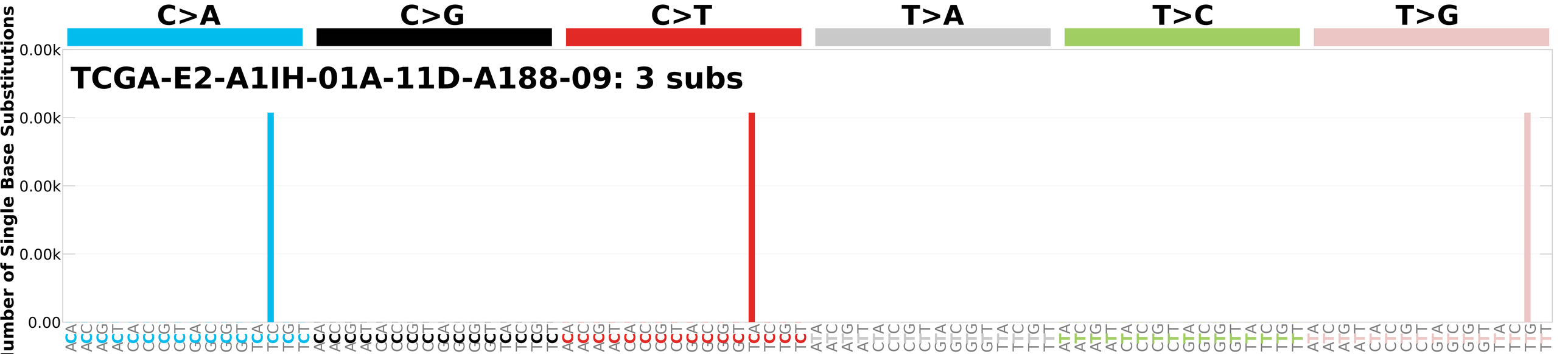
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T>C
T>G
TCGA-E2-A1IH-01A-11D-A188-09: 3 subs
Number of Single Base Substitutions
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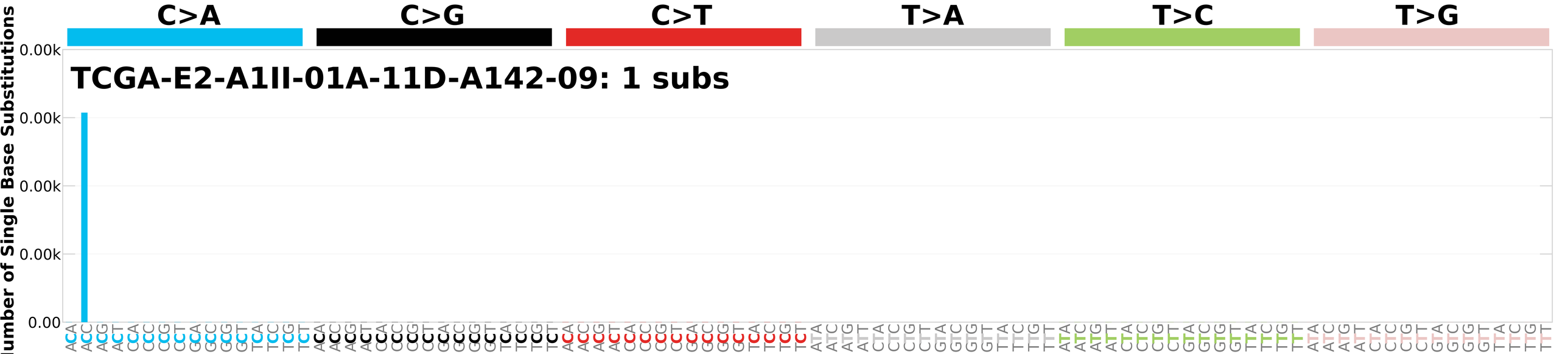
C>A
C>G
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TCGA-E2-A1II-01A-11D-A142-09: 1 subs
Number of Single Base Substitutions
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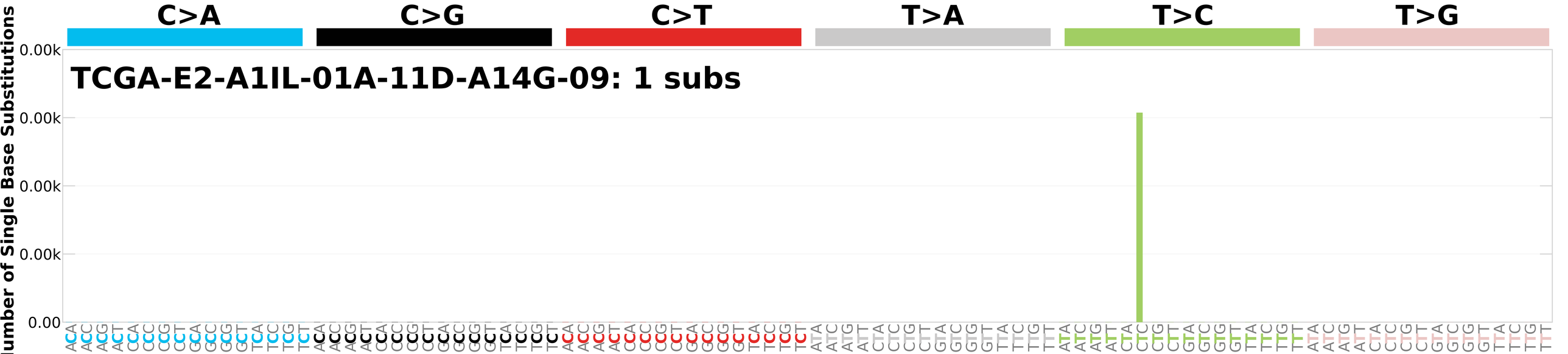
C>A
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TCGA-E2-A1IL-01A-11D-A14G-09: 1 subs
Number of Single Base Substitutions
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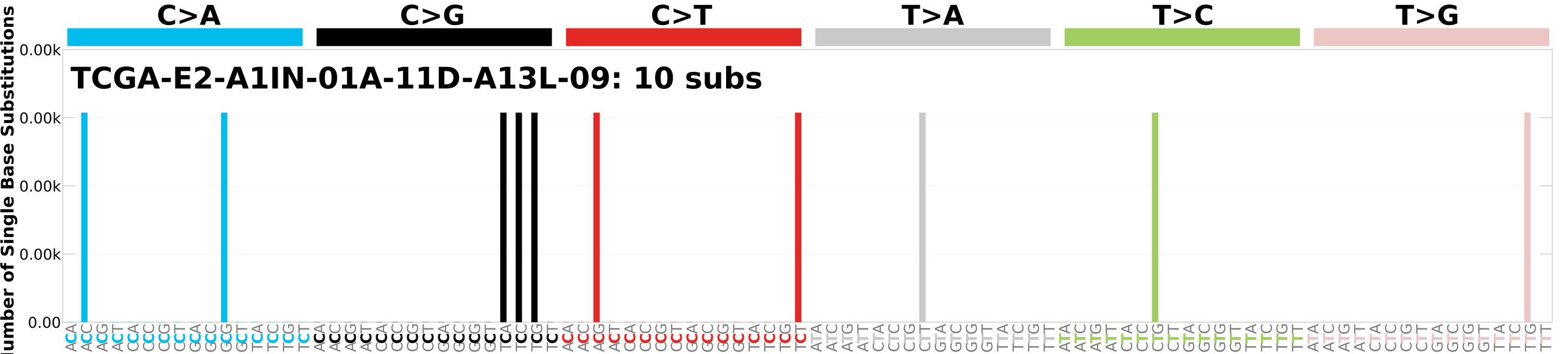
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T>C
T>G
TCGA-E2-A1IN-01A-11D-A13L-09: 10 subs
Number of Single Base Substitutions
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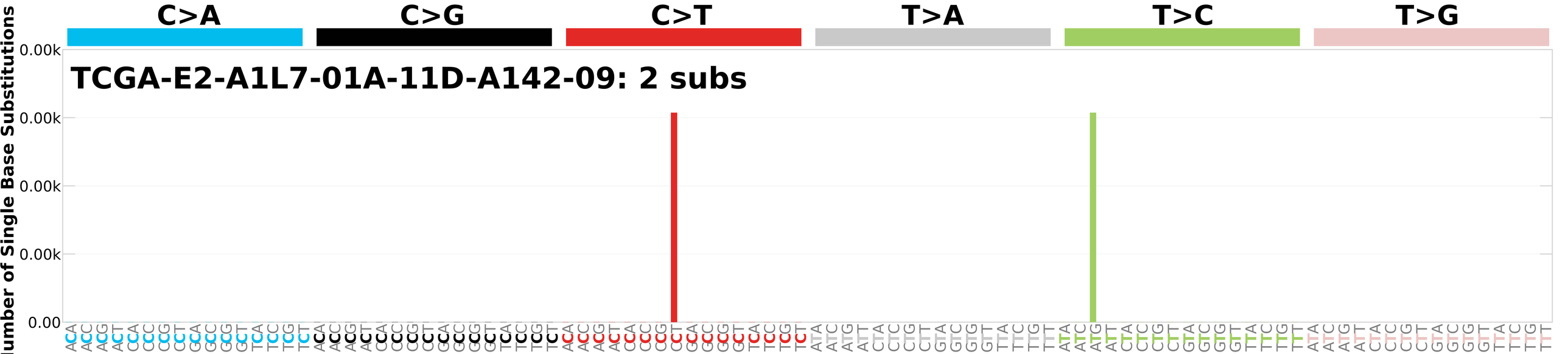
C>A
C>G
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T>G
TCGA-E2-A1L7-01A-11D-A142-09: 2 subs
Number of Single Base Substitutions
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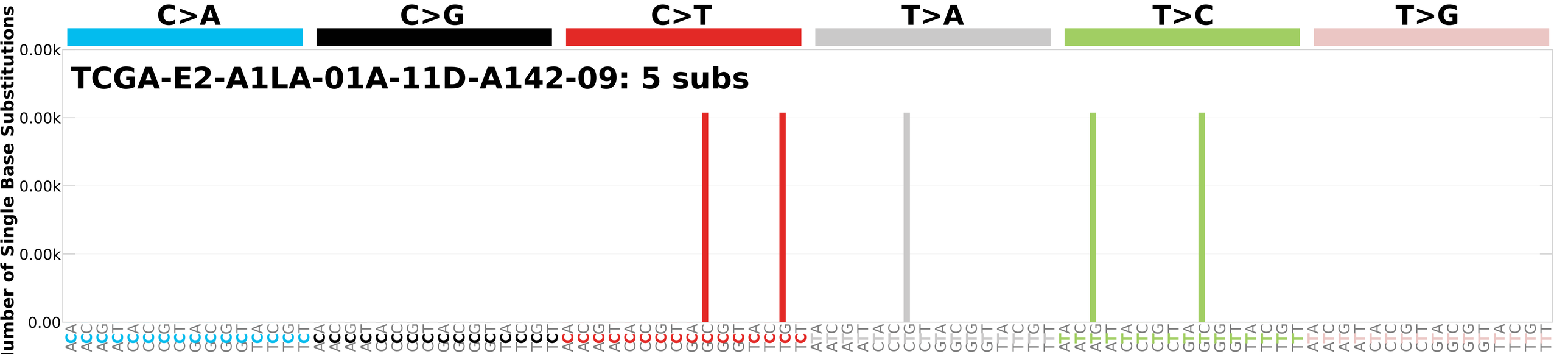
C>A
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T>G
TCGA-E2-A1LA-01A-11D-A142-09: 5 subs
Number of Single Base Substitutions
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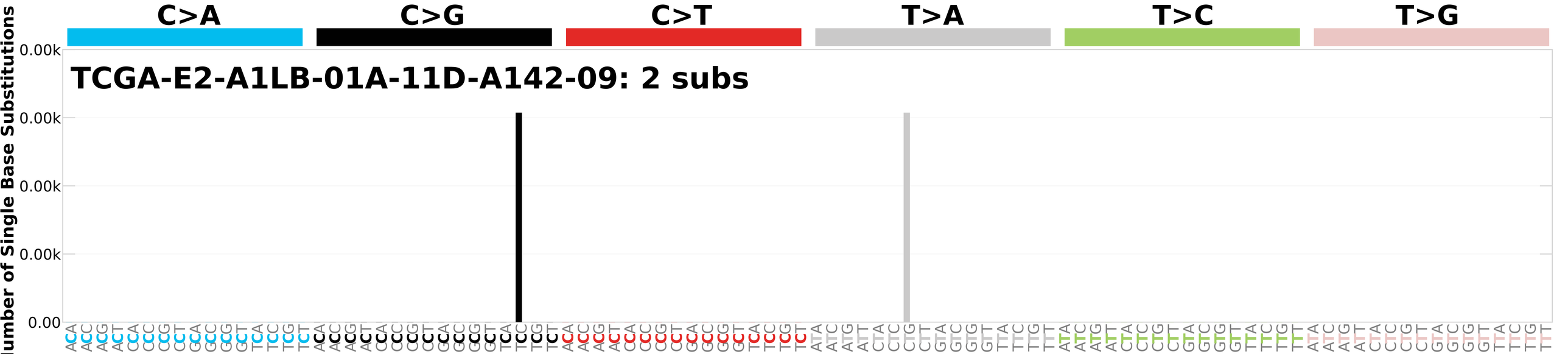
C>A
C>G
C>T
T>A
T>C
T>G
TCGA-E2-A1LB-01A-11D-A142-09: 2 subs
Number of Single Base Substitutions
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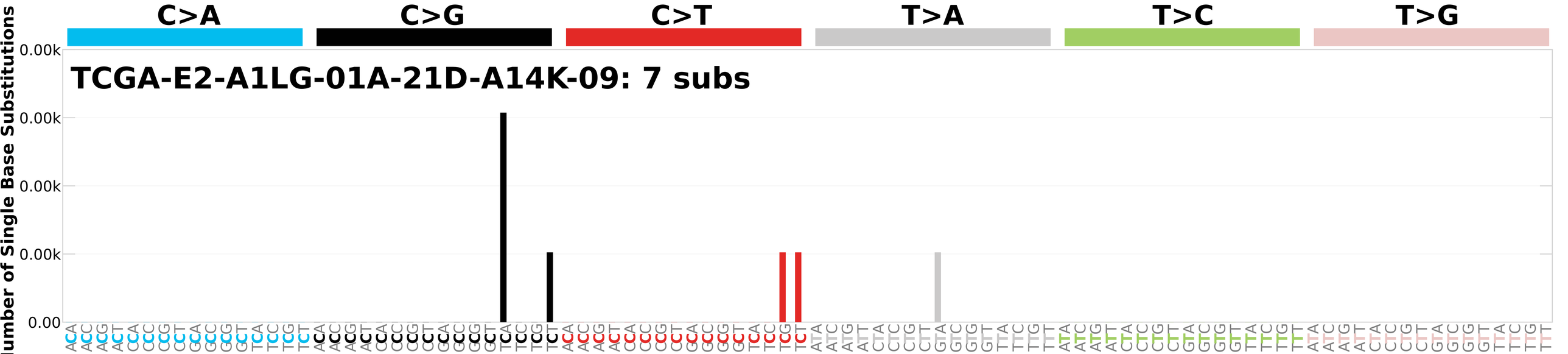
C>A
C>G
C>T
T>A
T>C
T>G
TCGA-E2-A1LG-01A-21D-A14K-09: 7 subs
Number of Single Base Substitutions
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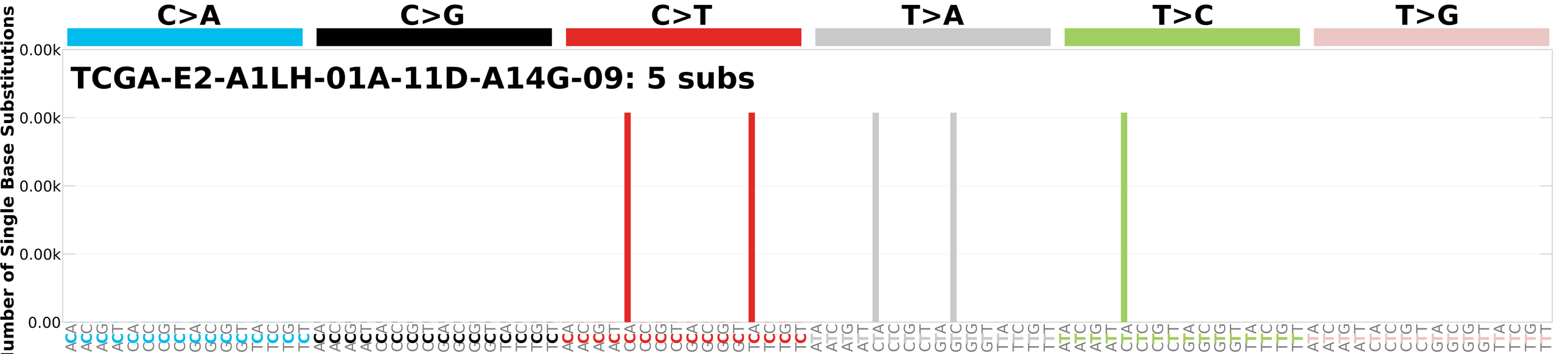
C>A
C>G
C>T
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T>G
TCGA-E2-A1LH-01A-11D-A14G-09: 5 subs
Number of Single Base Substitutions
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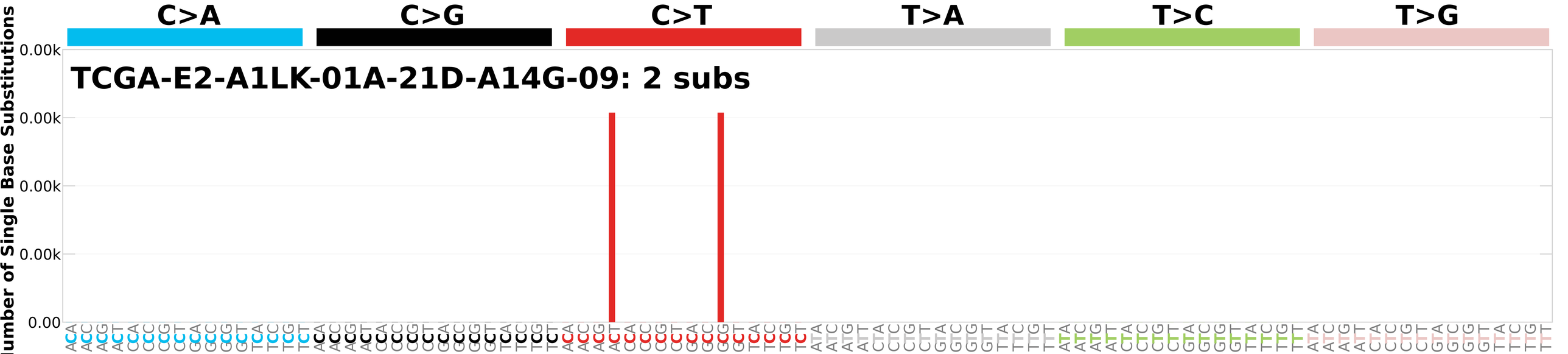
C>A
C>G
C>T
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TCGA-E2-A1LK-01A-21D-A14G-09: 2 subs
Number of Single Base Substitutions
0.00k
0.00k
0.00k
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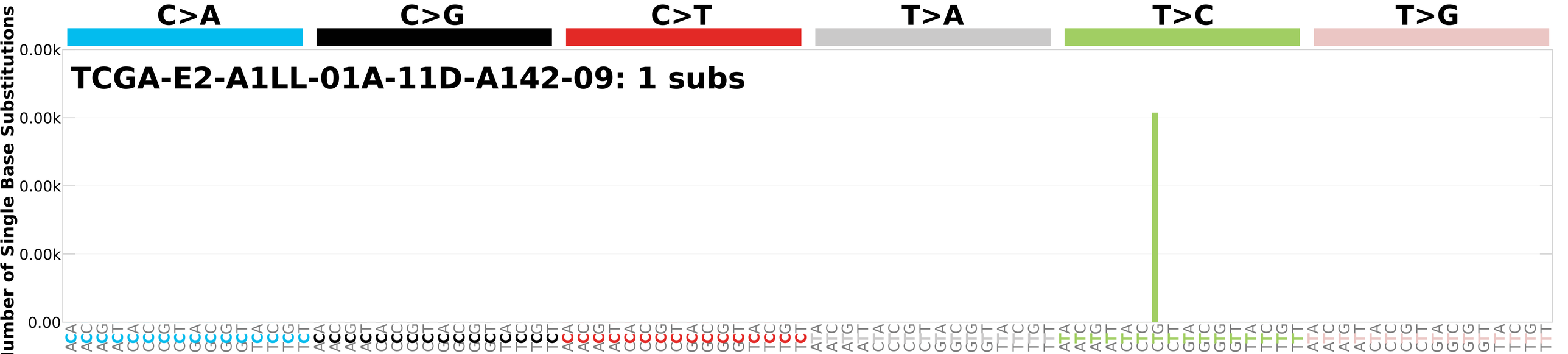
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TCGA-E2-A1LL-01A-11D-A142-09: 1 subs
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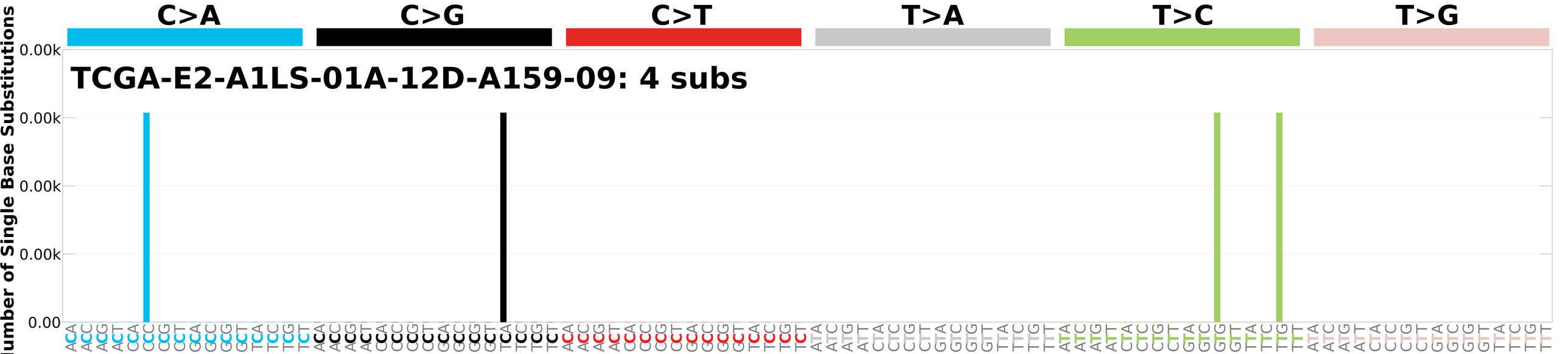
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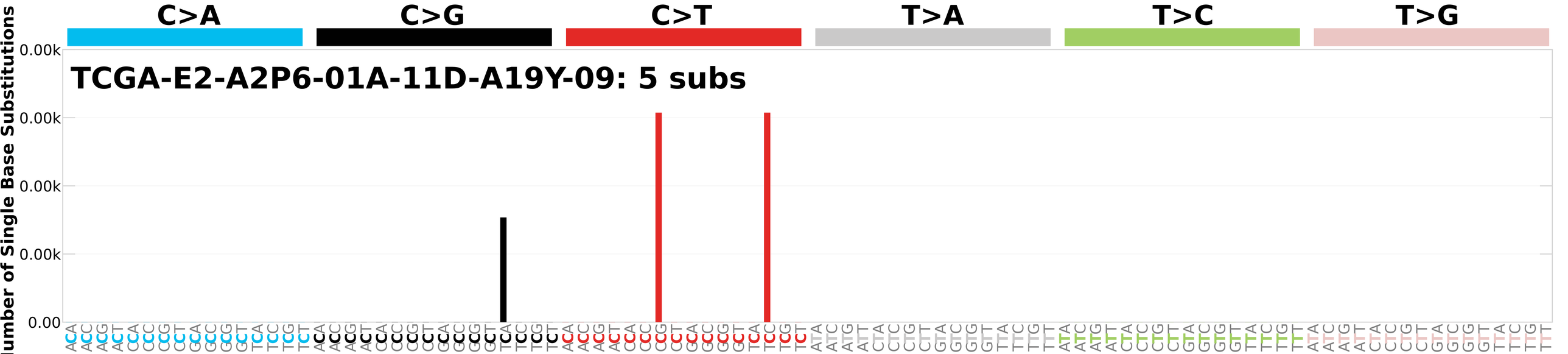
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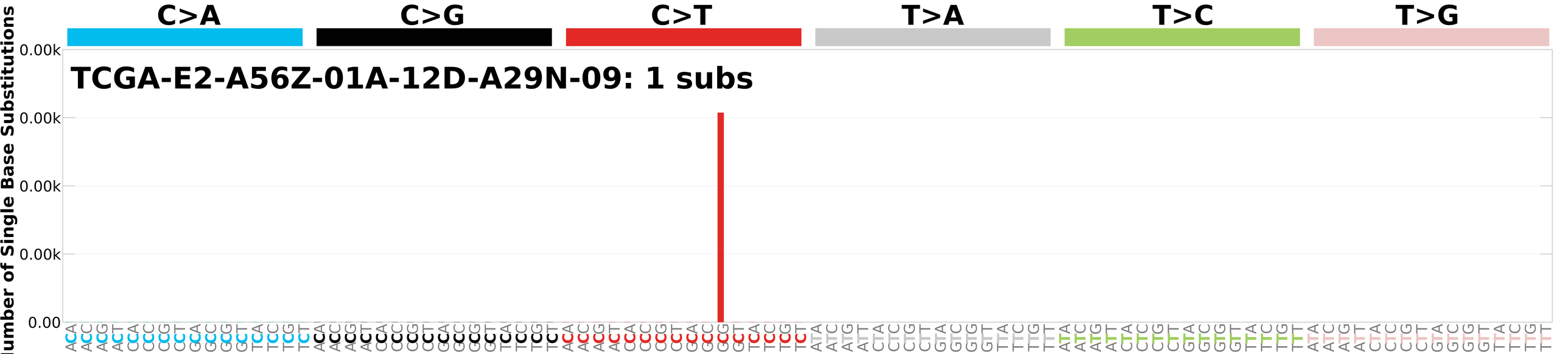
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TCGA-E2-A56Z-01A-12D-A29N-09: 1 subs
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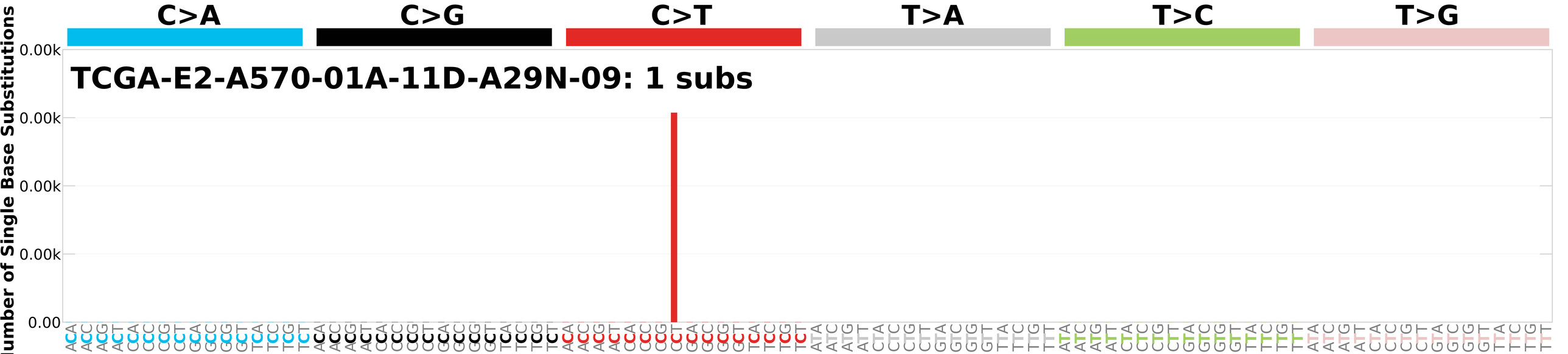
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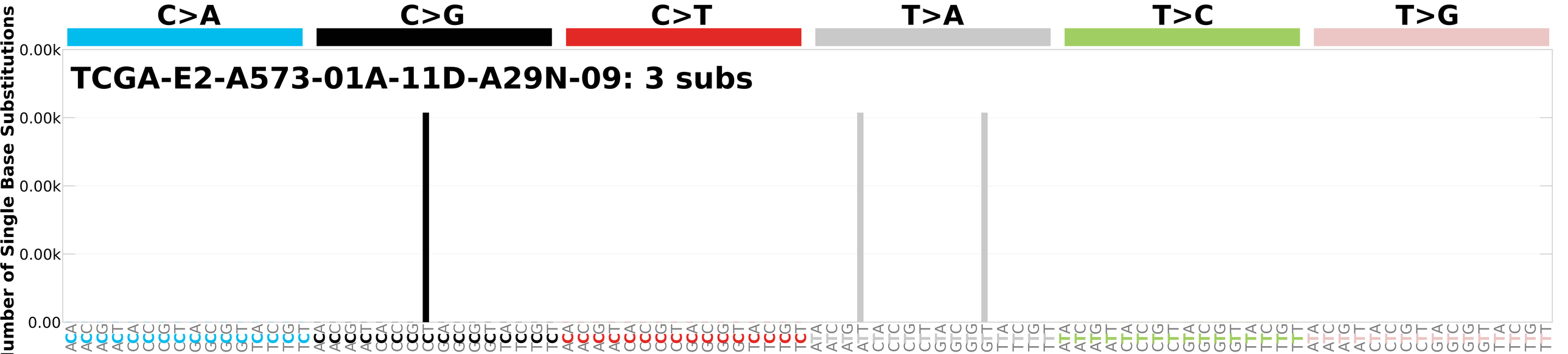
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TCGA-E2-A573-01A-11D-A29N-09: 3 subs
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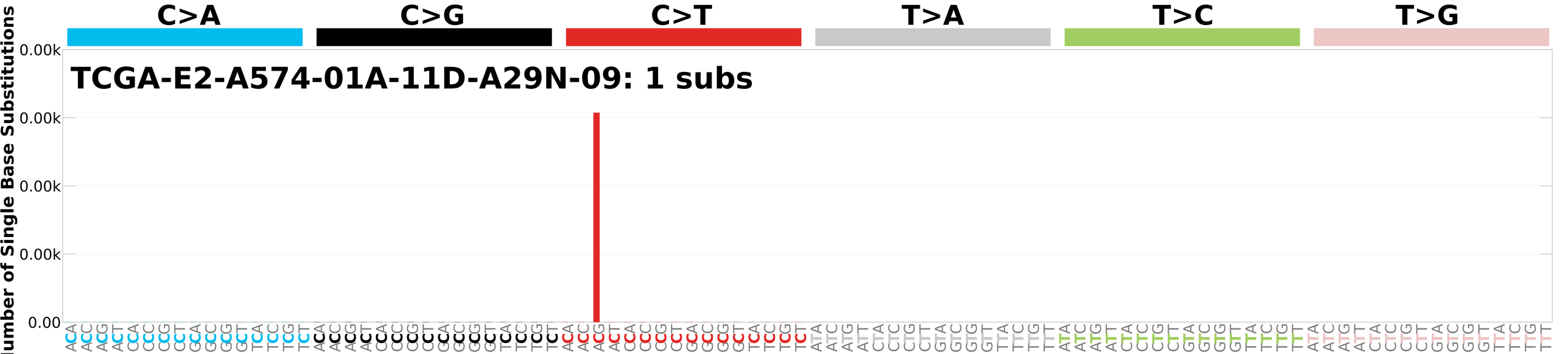
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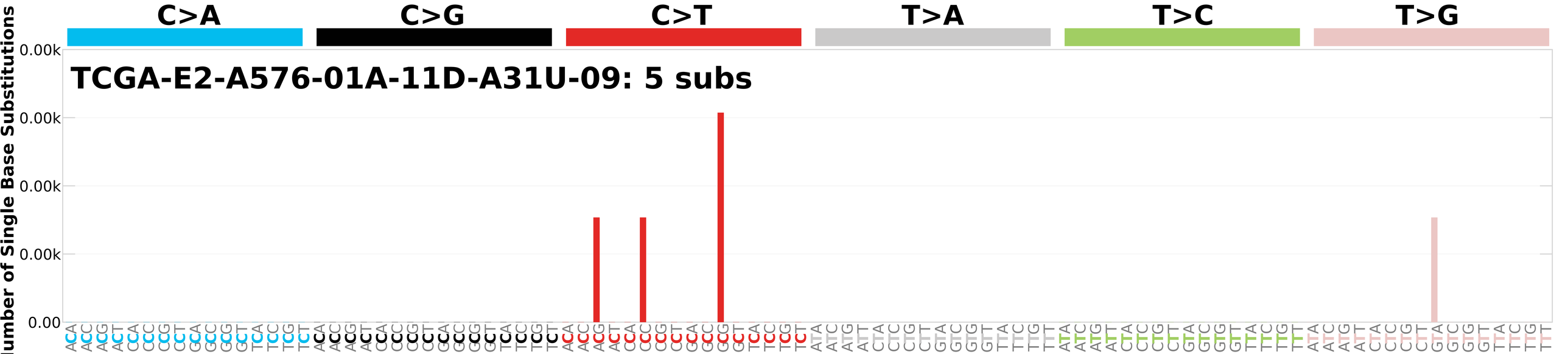
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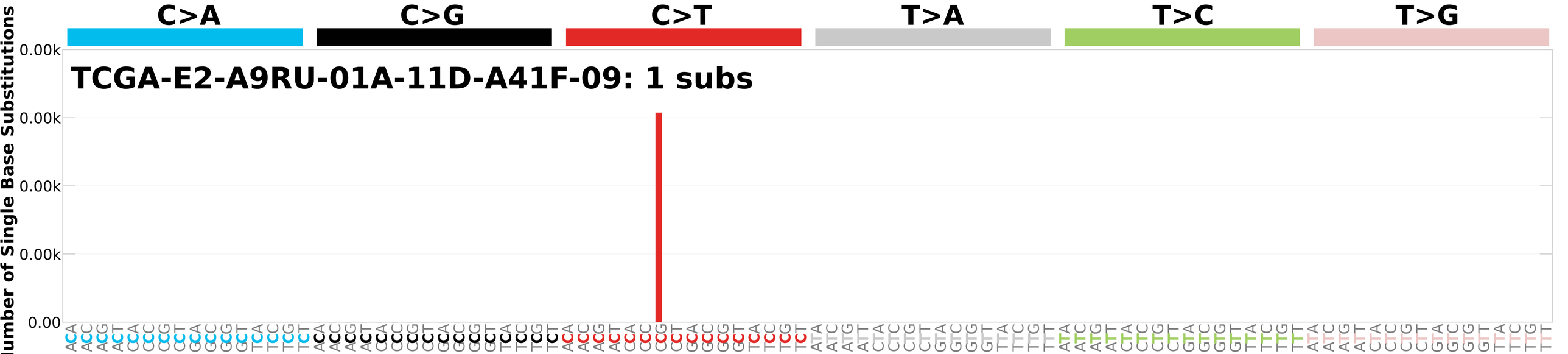
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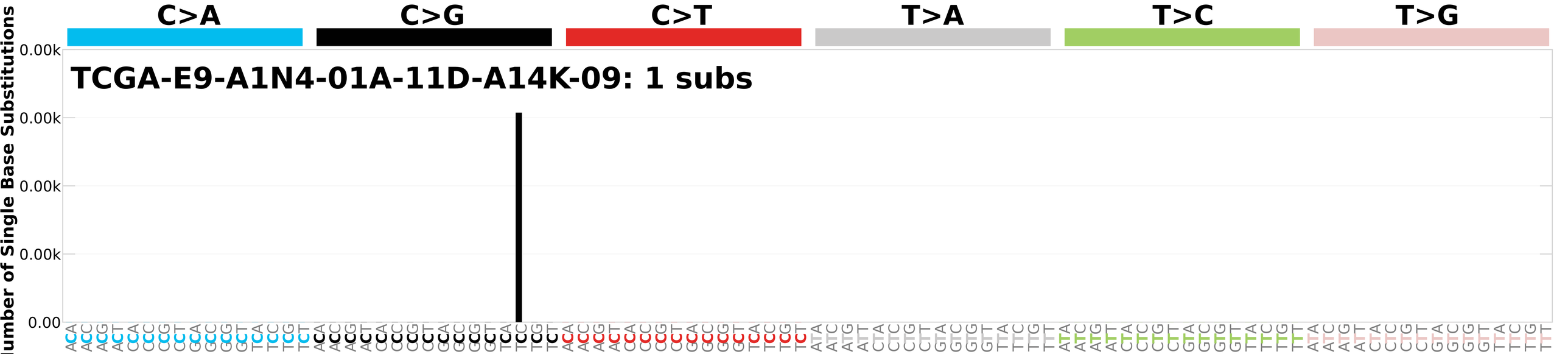
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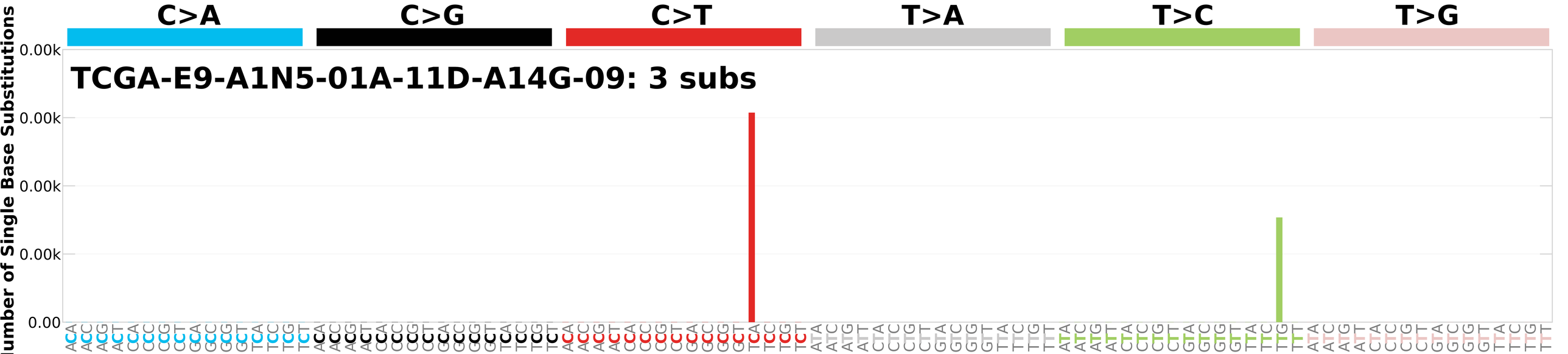
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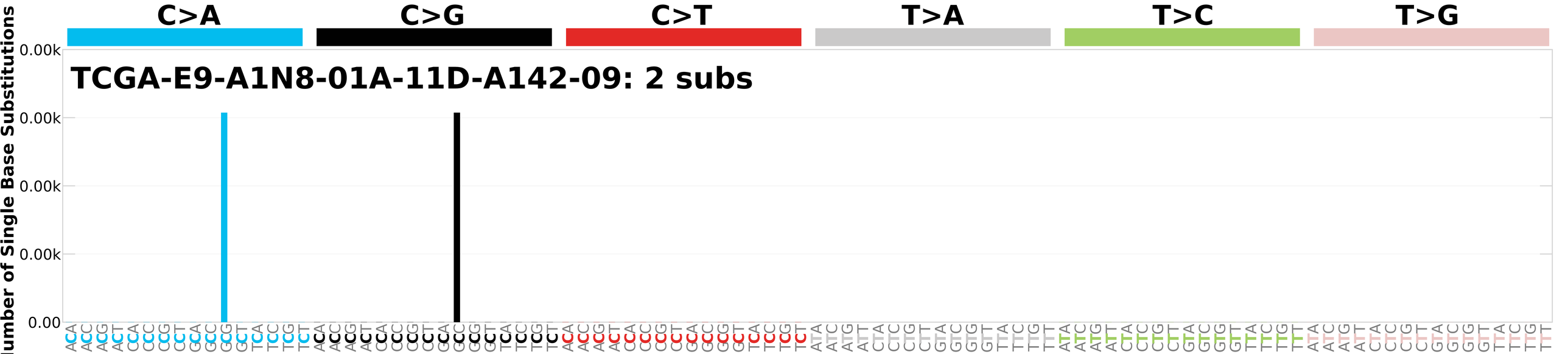
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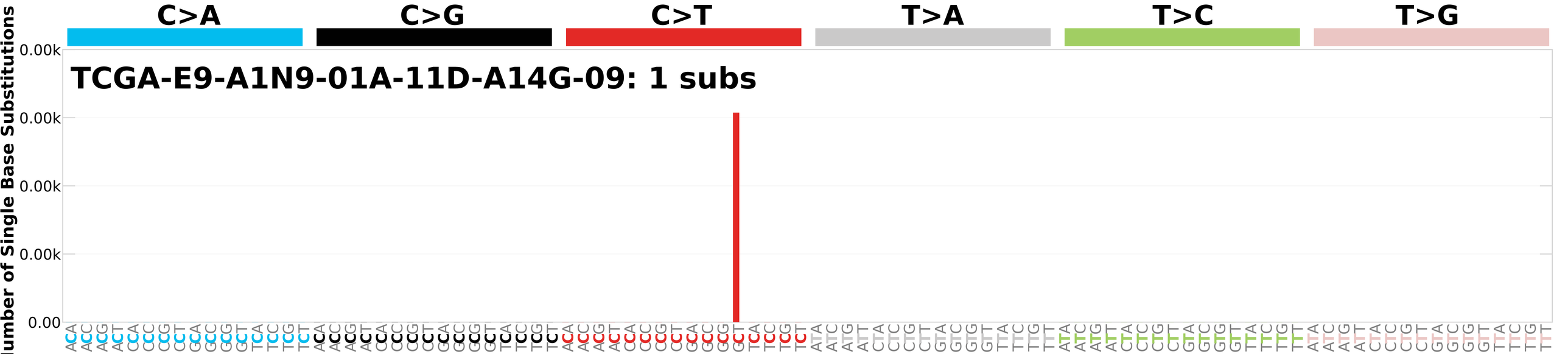
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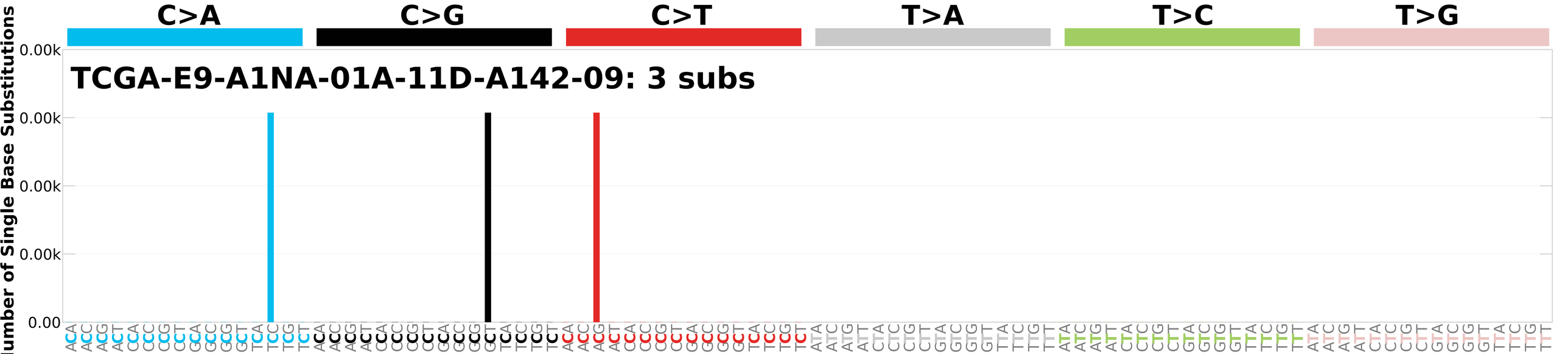
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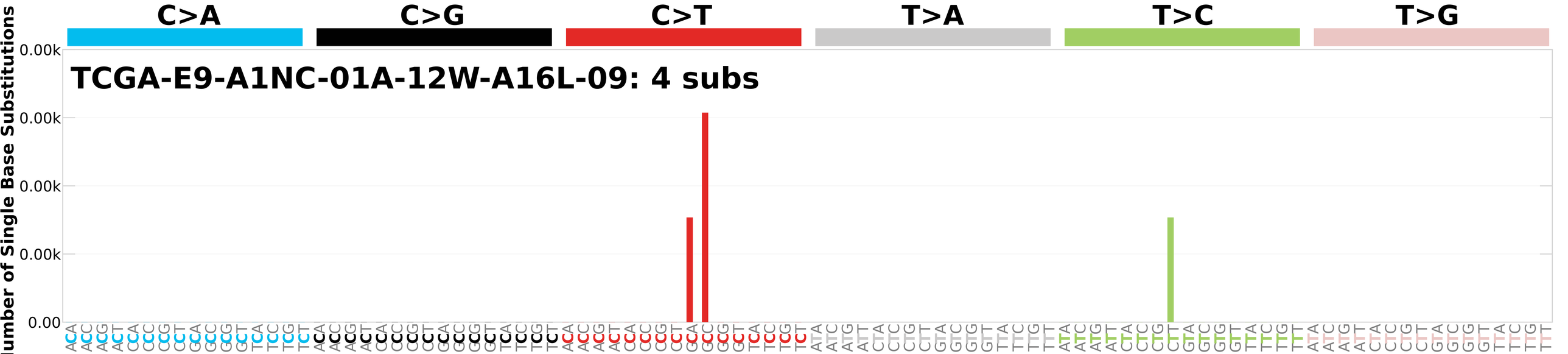
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TCGA-E9-A1NC-01A-12W-A16L-09: 4 subs
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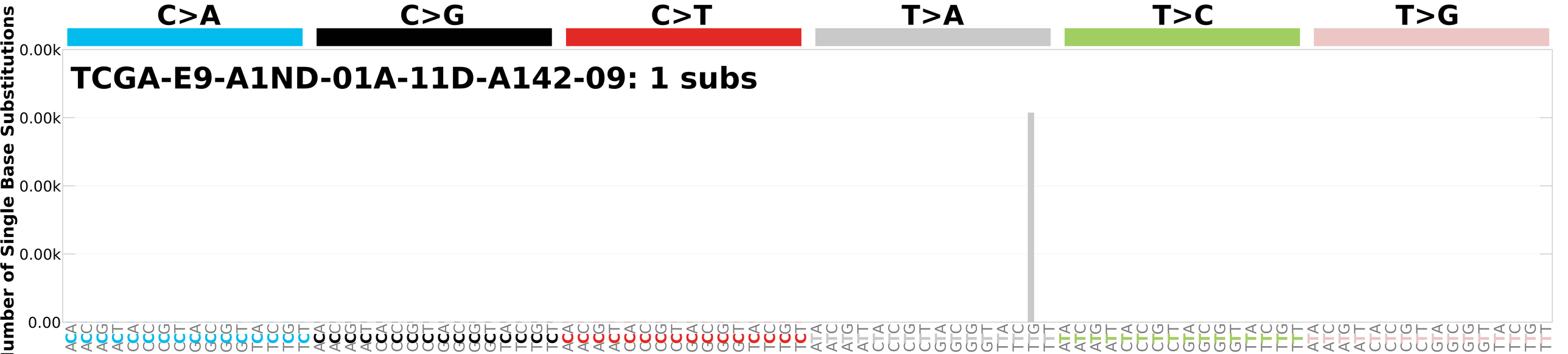
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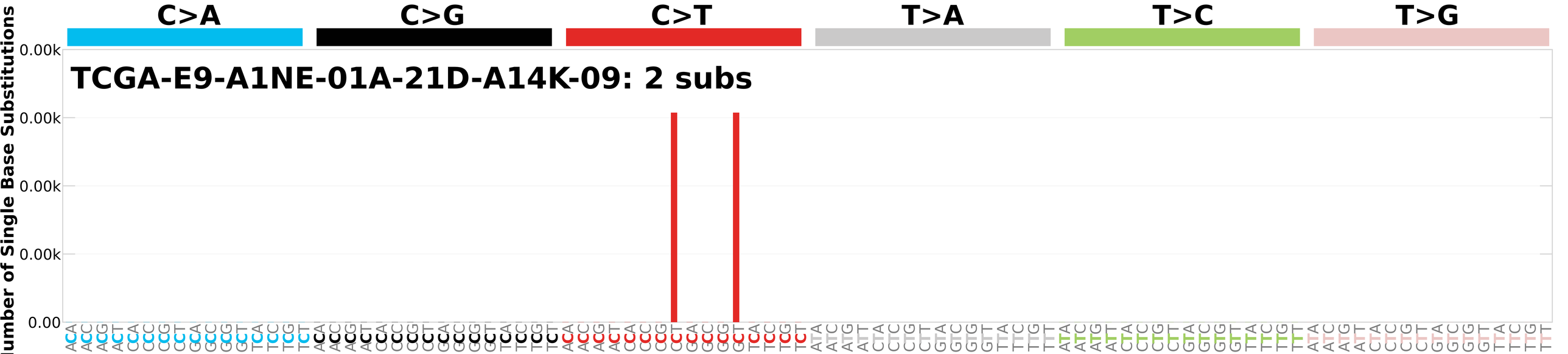
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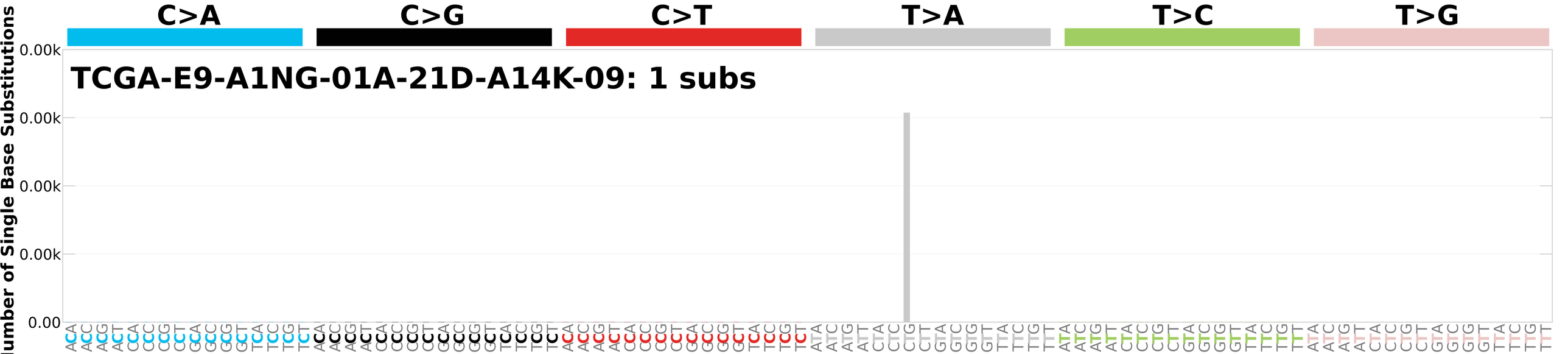
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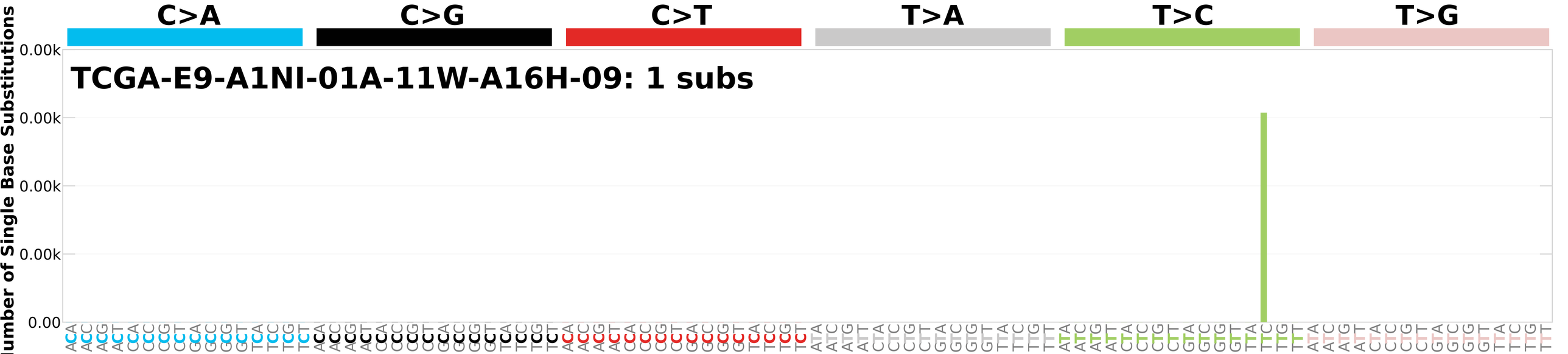
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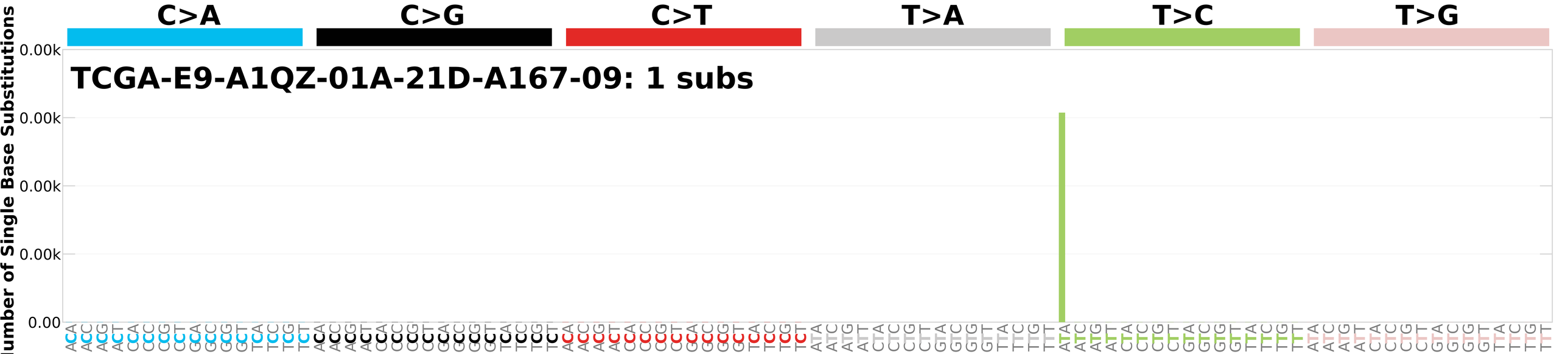
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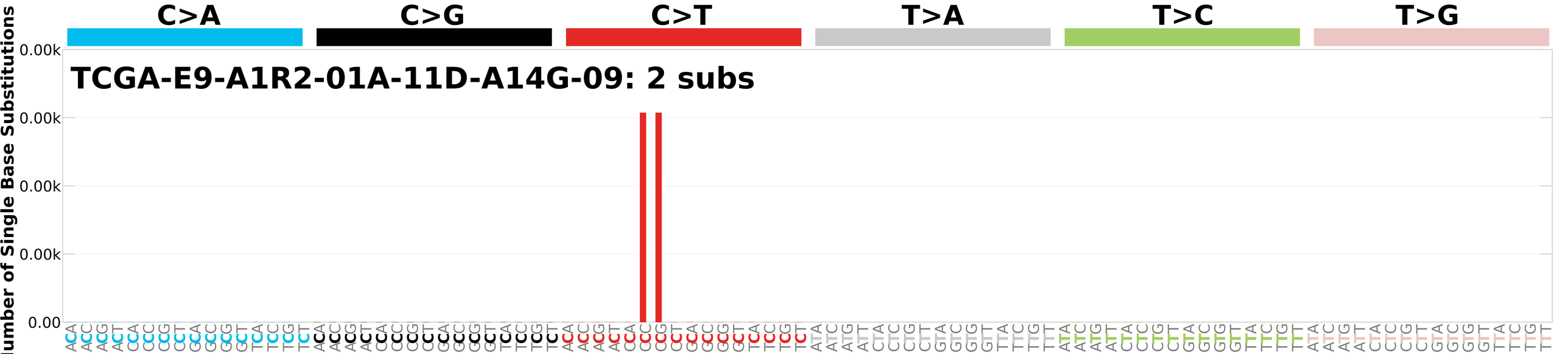
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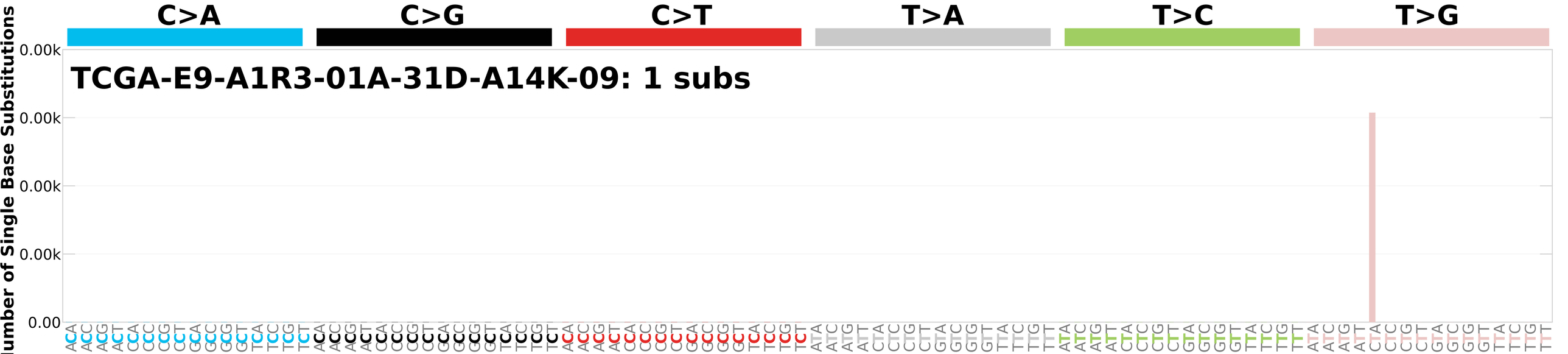
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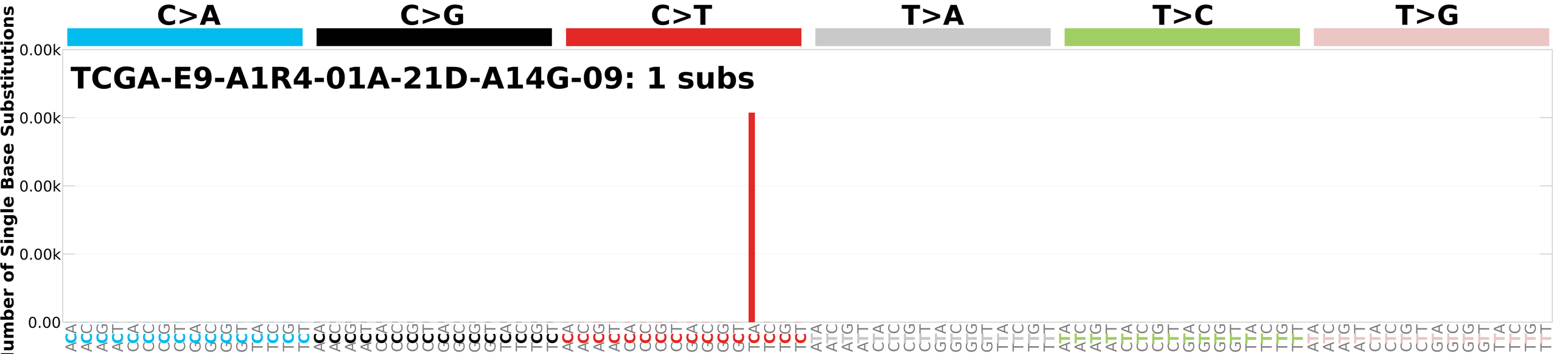
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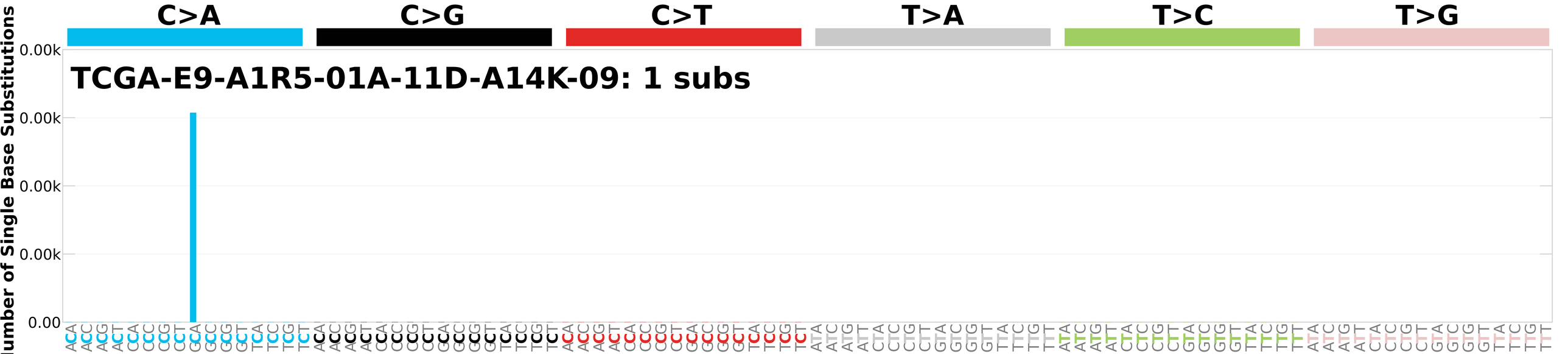
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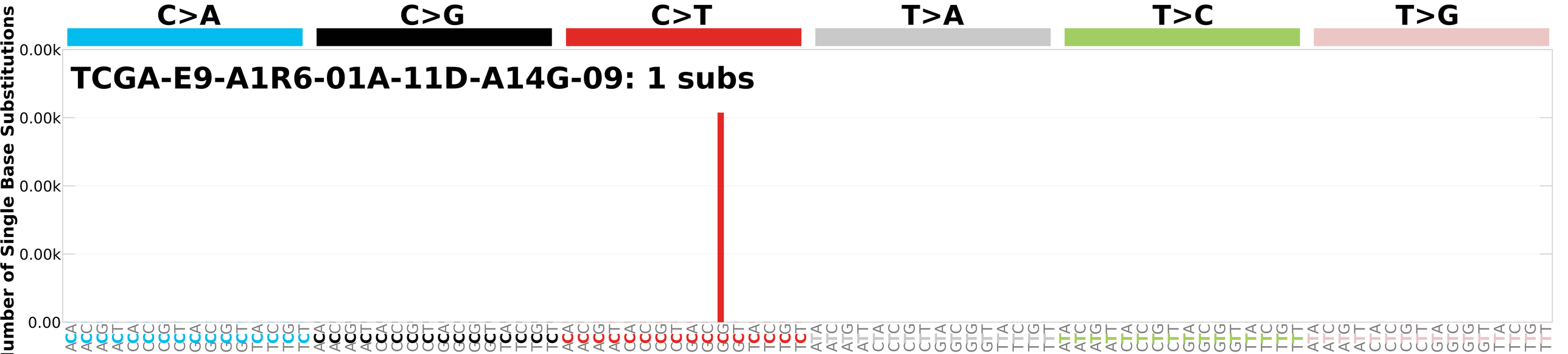
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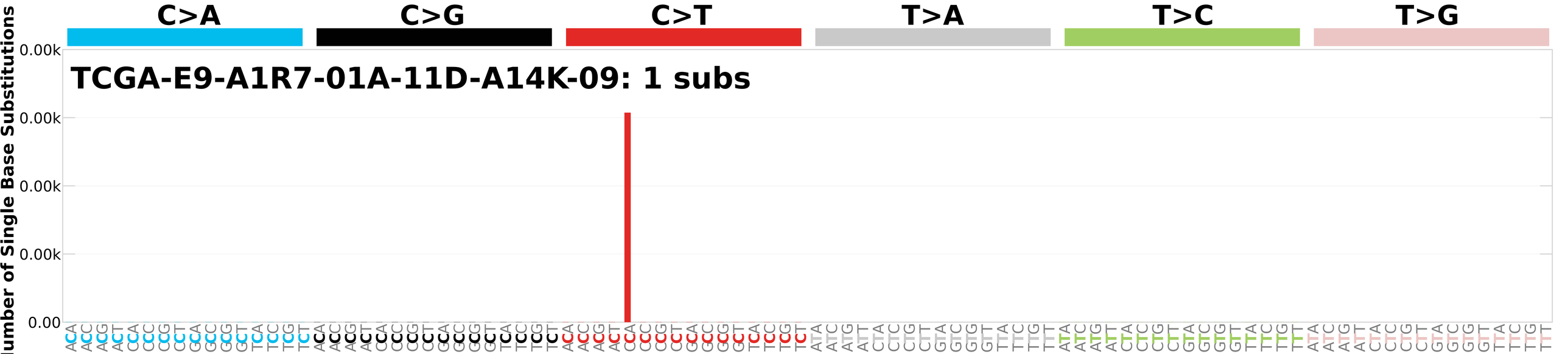
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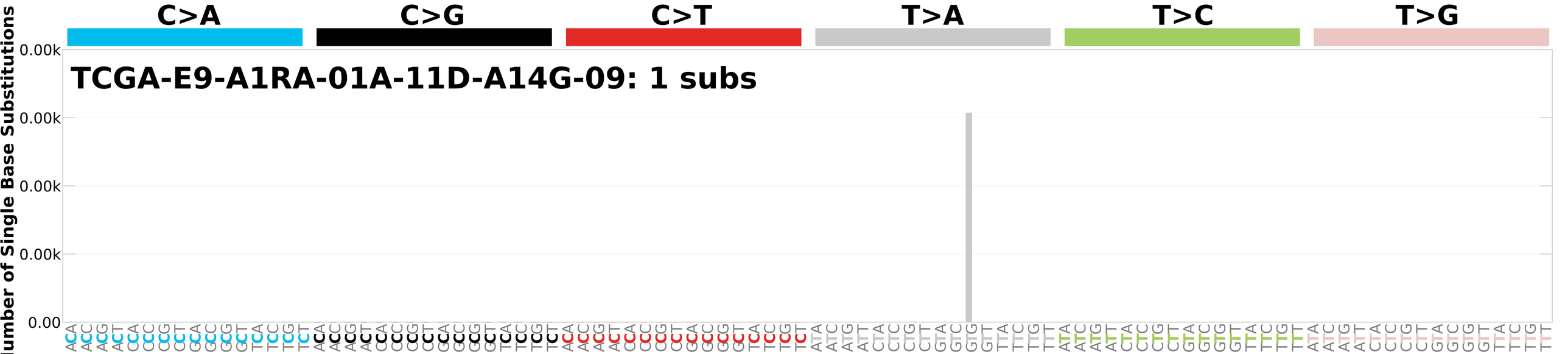
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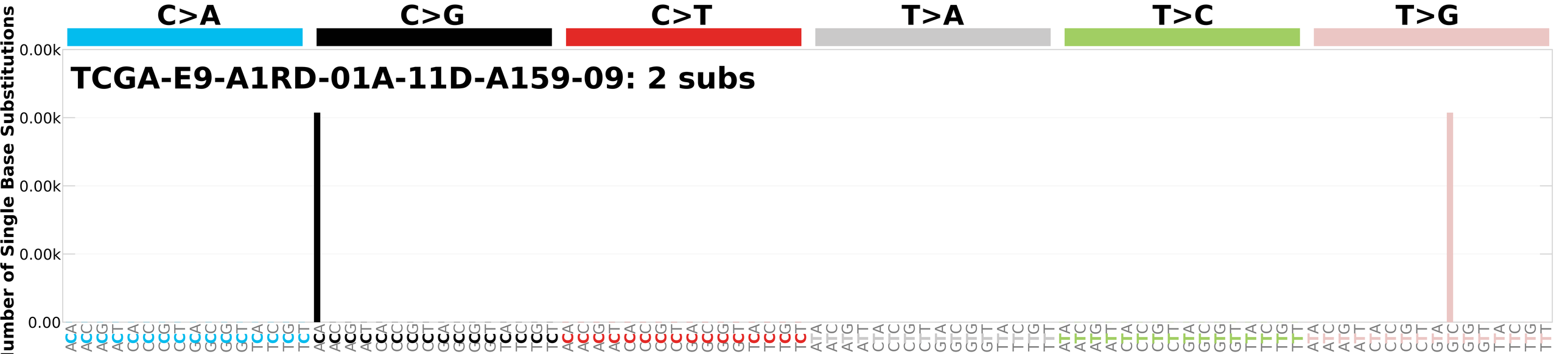
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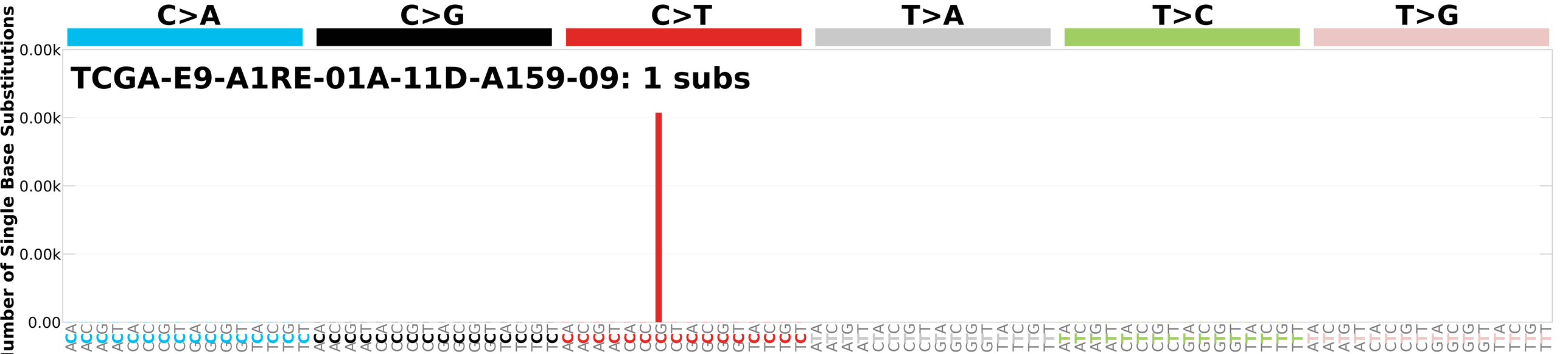
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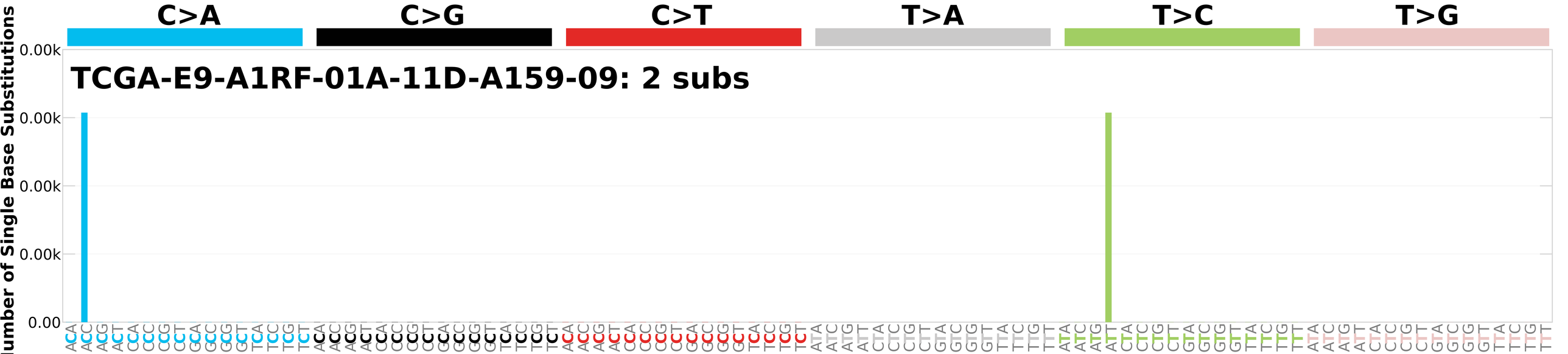
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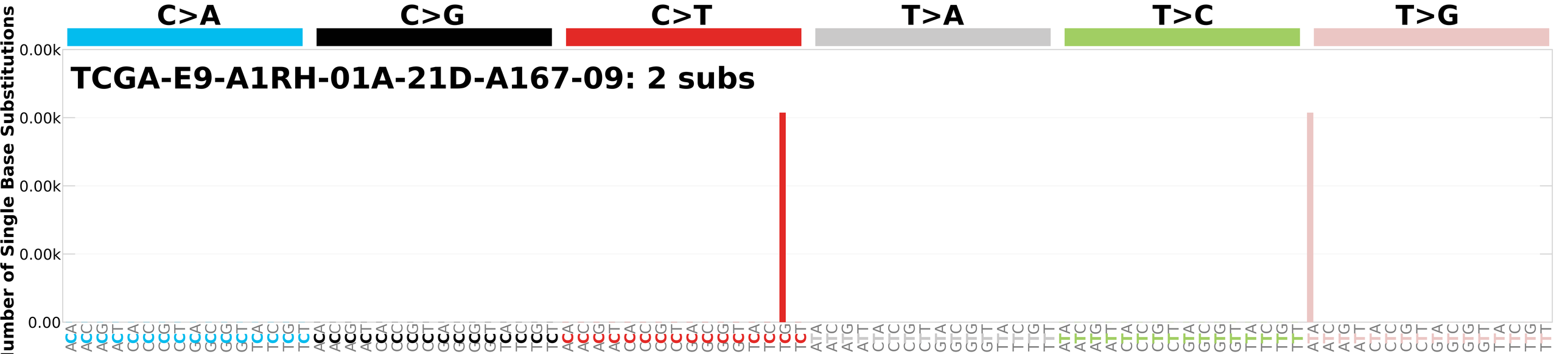
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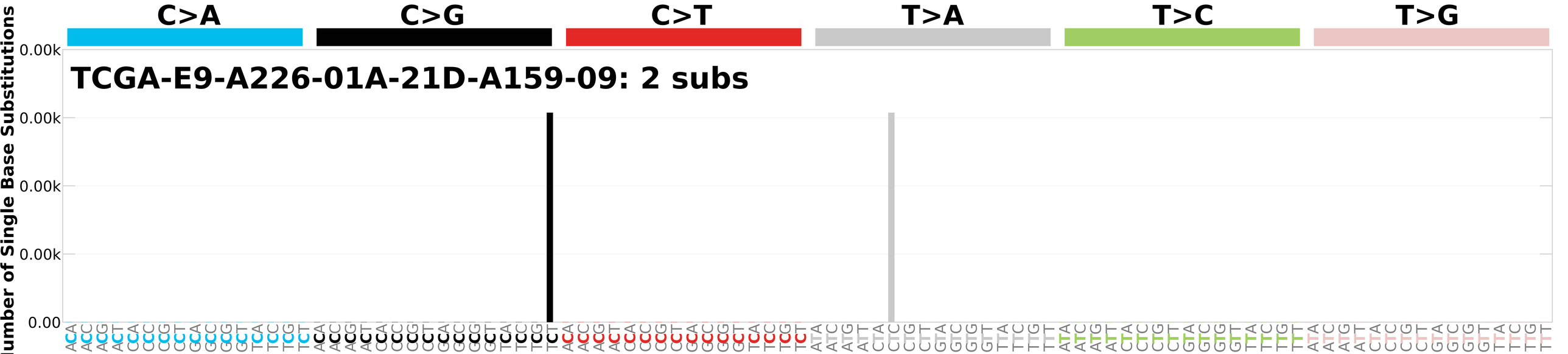
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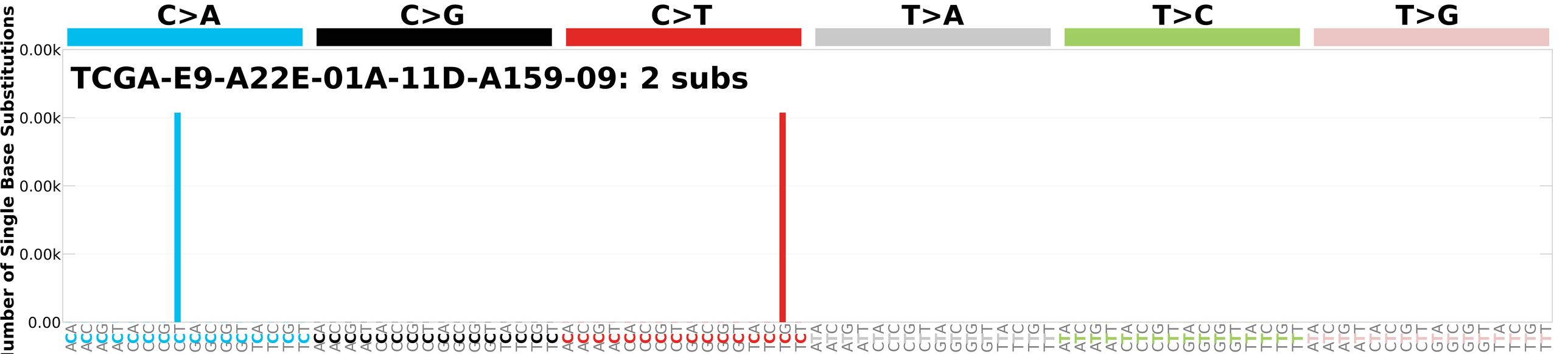
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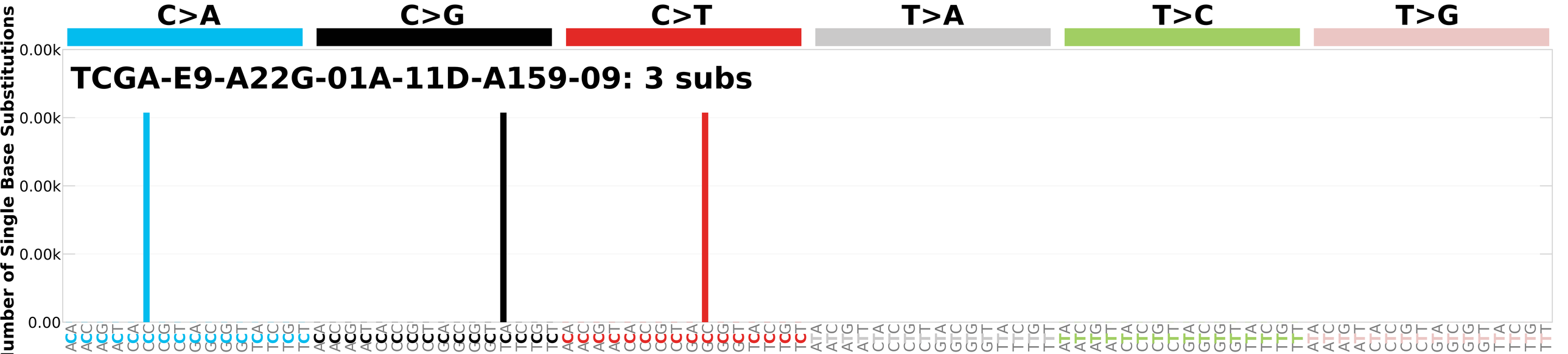
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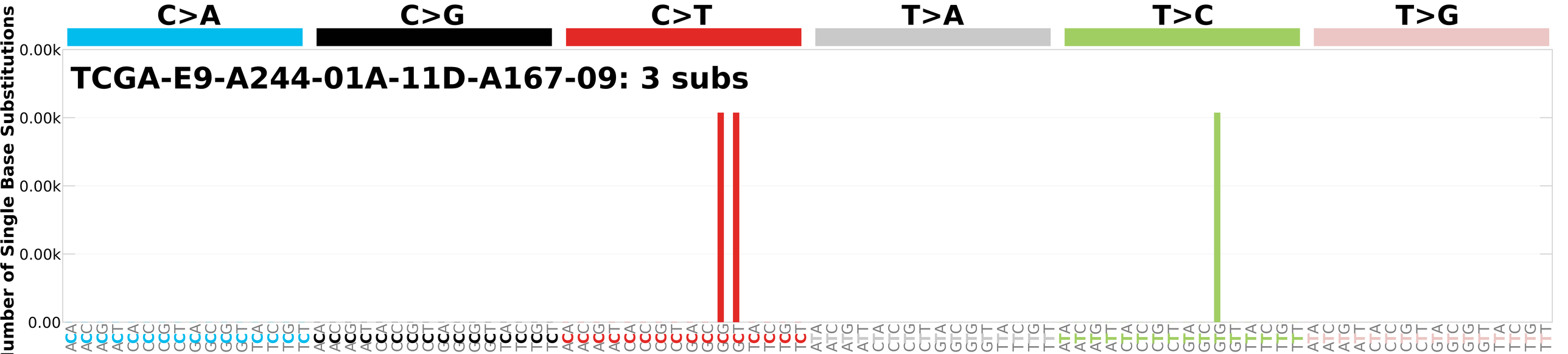
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TCGA-E9-A244-01A-11D-A167-09: 3 subs
Number of Single Base Substitutions
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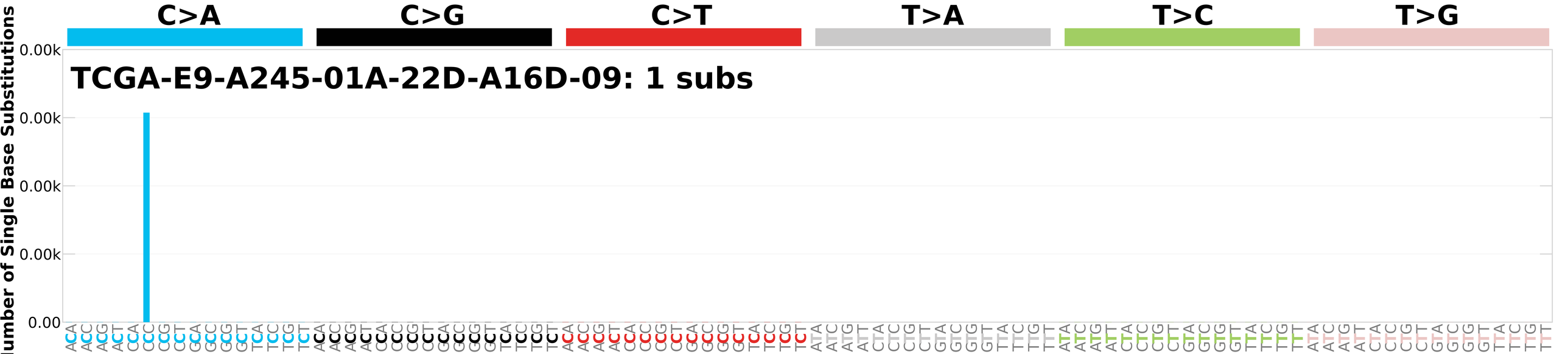
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T>G
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Number of Single Base Substitutions
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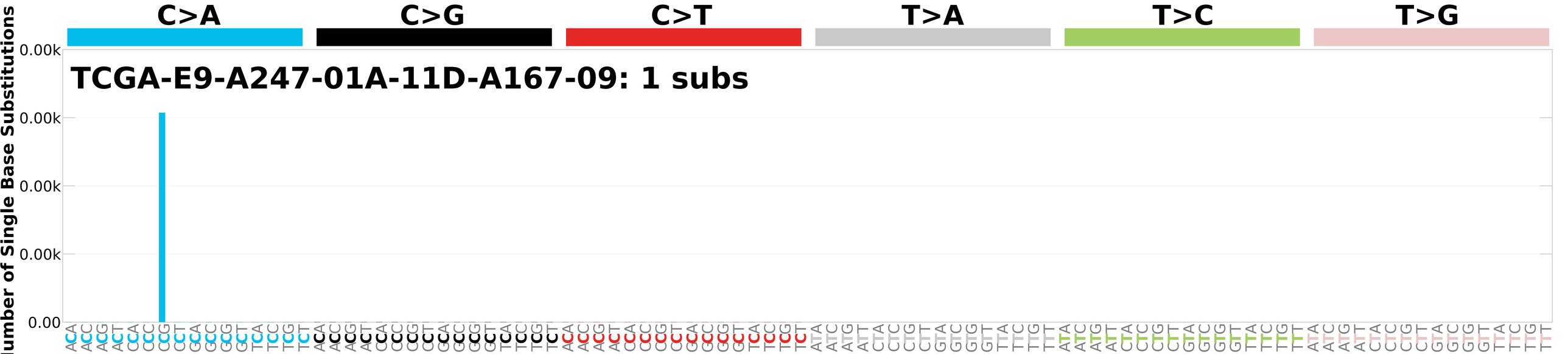
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T>G
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Number of Single Base Substitutions
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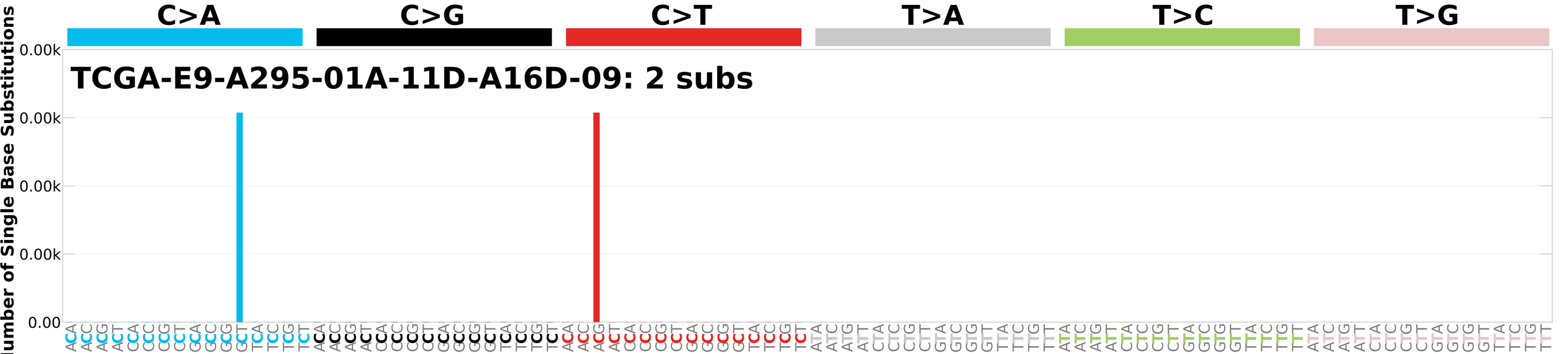
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T>G
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Number of Single Base Substitutions
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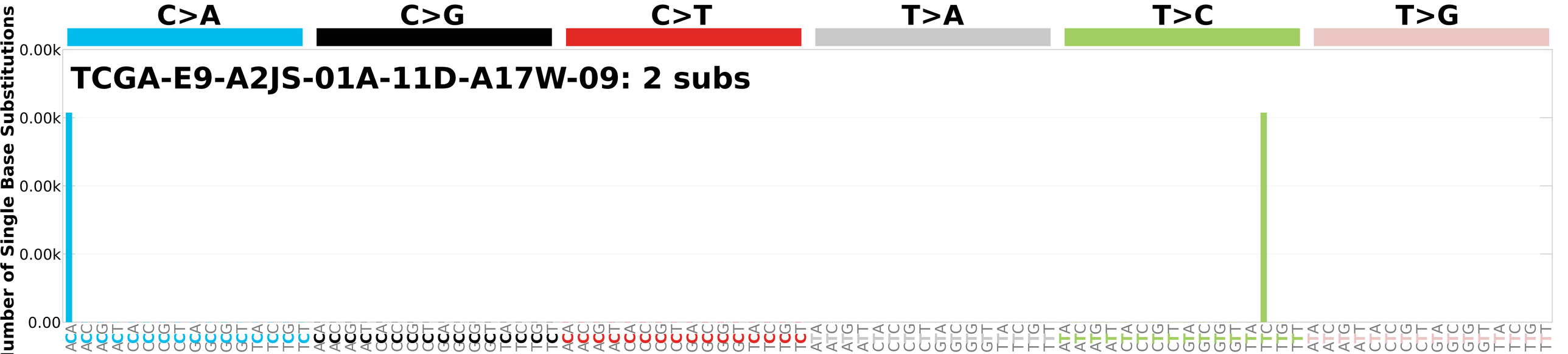
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C>G
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T>A
T>C
T>G
TCGA-E9-A2JS-01A-11D-A17W-09: 2 subs
Number of Single Base Substitutions
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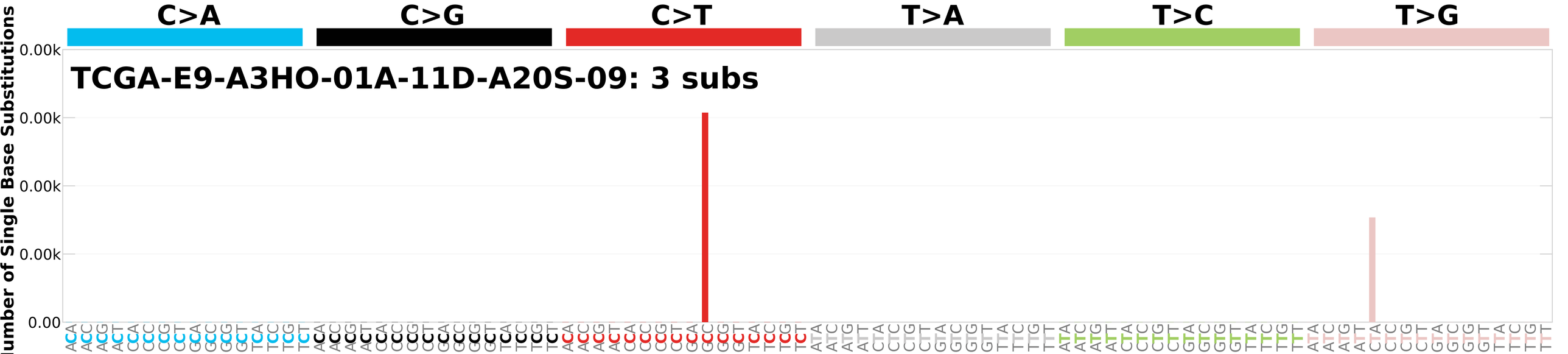
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T>G
TCGA-E9-A3HO-01A-11D-A20S-09: 3 subs
Number of Single Base Substitutions
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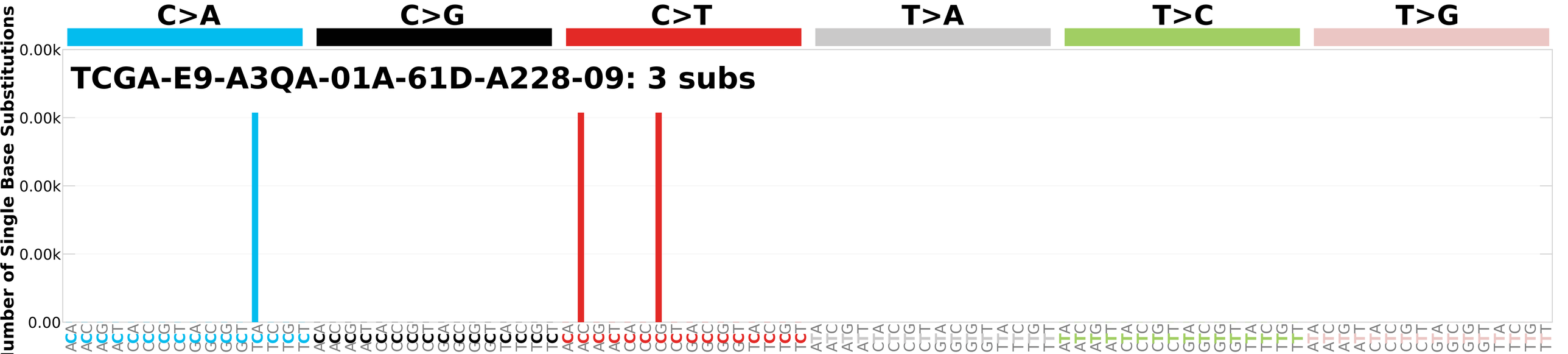
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T>G
TCGA-E9-A3QA-01A-61D-A228-09: 3 subs
Number of Single Base Substitutions
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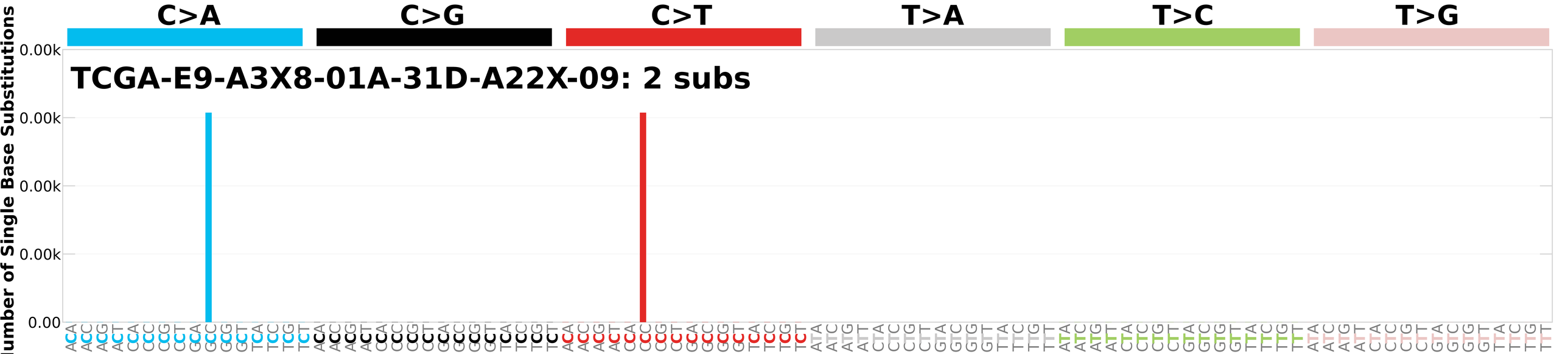
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TCGA-E9-A3X8-01A-31D-A22X-09: 2 subs
Number of Single Base Substitutions
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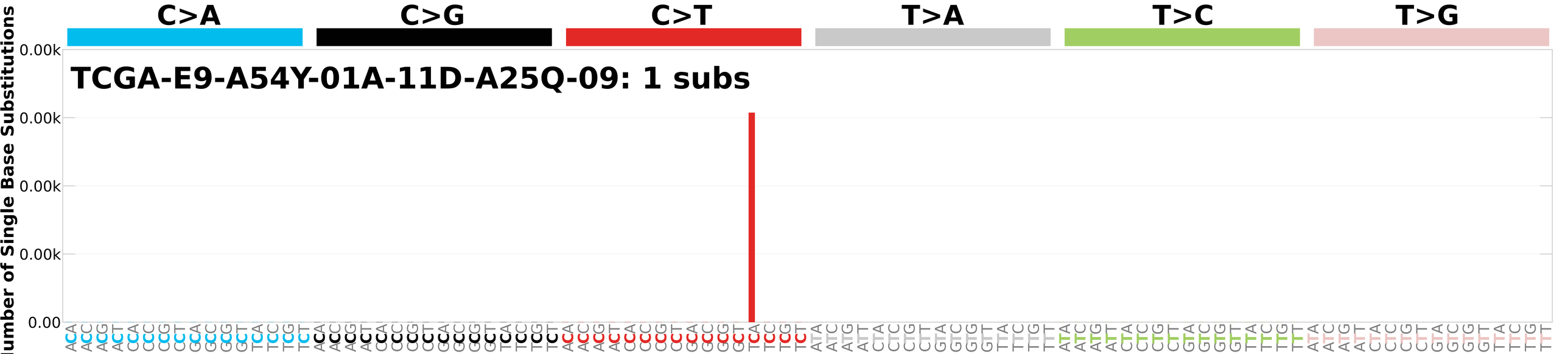
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T>G
TCGA-E9-A54Y-01A-11D-A25Q-09: 1 subs
Number of Single Base Substitutions
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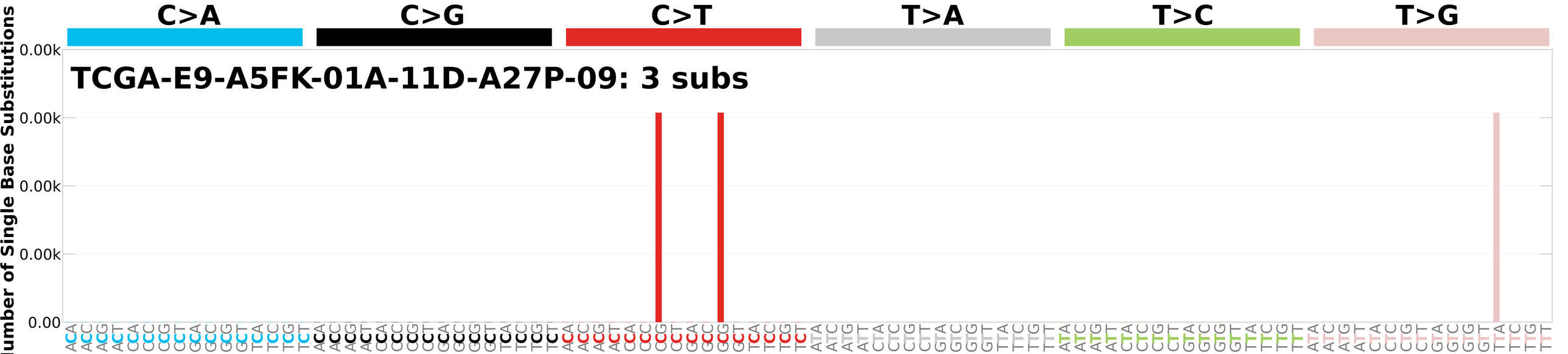
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T>G
TCGA-E9-A5FK-01A-11D-A27P-09: 3 subs
Number of Single Base Substitutions
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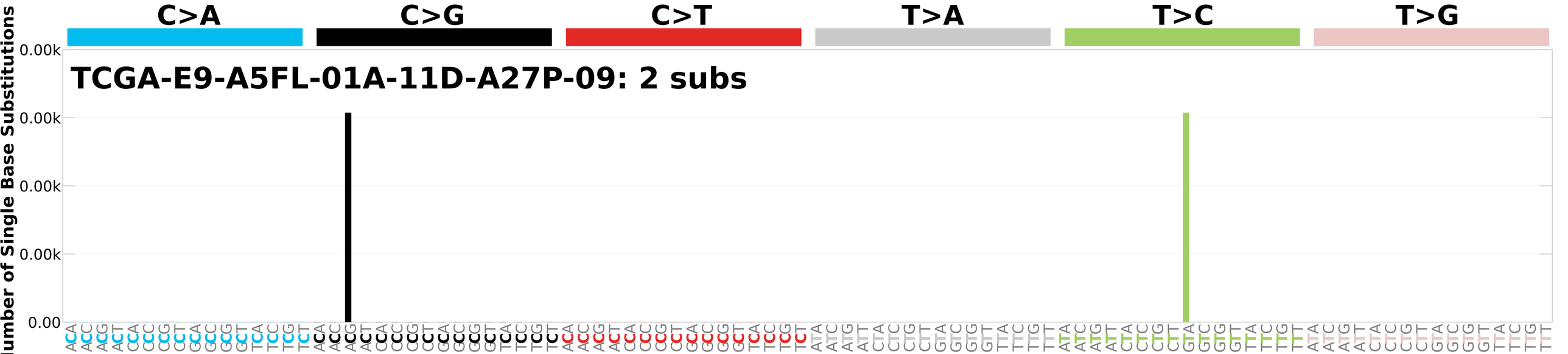
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T>C
T>G
TCGA-E9-A5FL-01A-11D-A27P-09: 2 subs
Number of Single Base Substitutions
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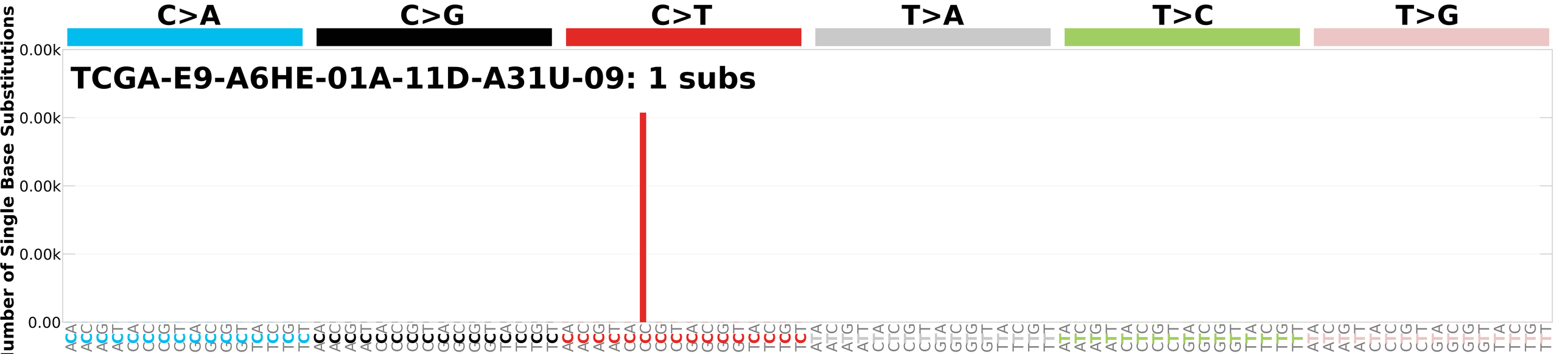
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C>G
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T>C
T>G
TCGA-E9-A6HE-01A-11D-A31U-09: 1 subs
Number of Single Base Substitutions
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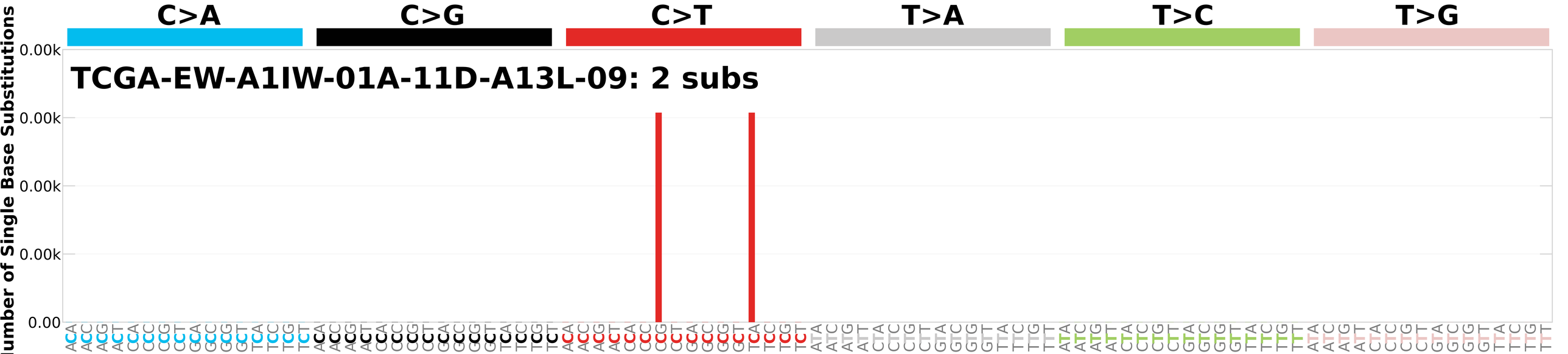
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T>C
T>G
TCGA-EW-A1IW-01A-11D-A13L-09: 2 subs
Number of Single Base Substitutions
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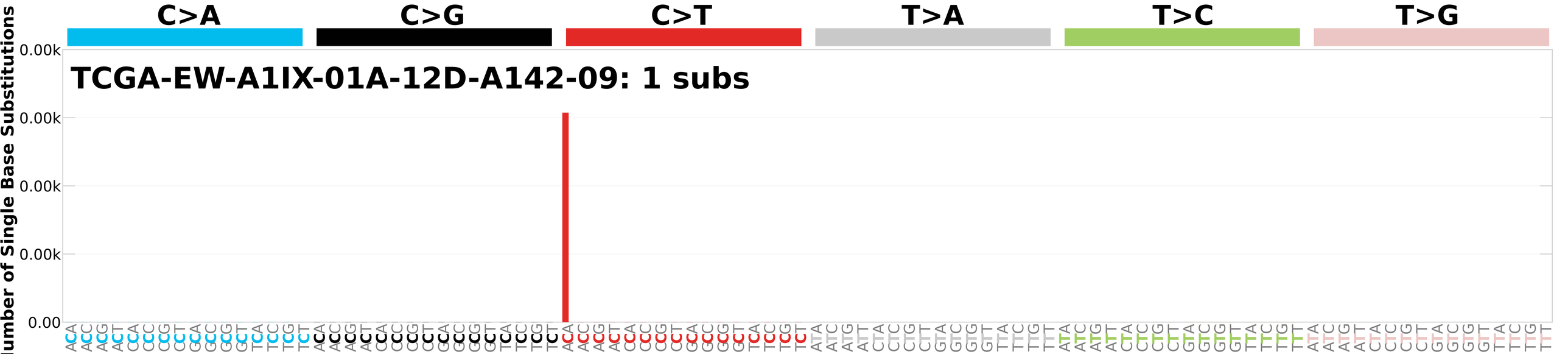
C>A
C>G
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T>C
T>G
TCGA-EW-A1IX-01A-12D-A142-09: 1 subs
Number of Single Base Substitutions
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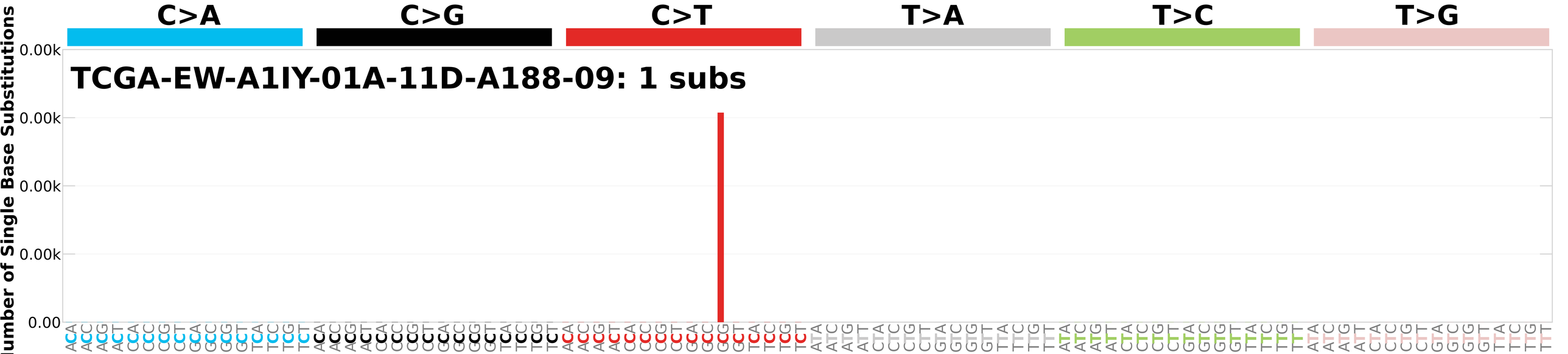
C>A
C>G
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T>G
TCGA-EW-A1IY-01A-11D-A188-09: 1 subs
Number of Single Base Substitutions
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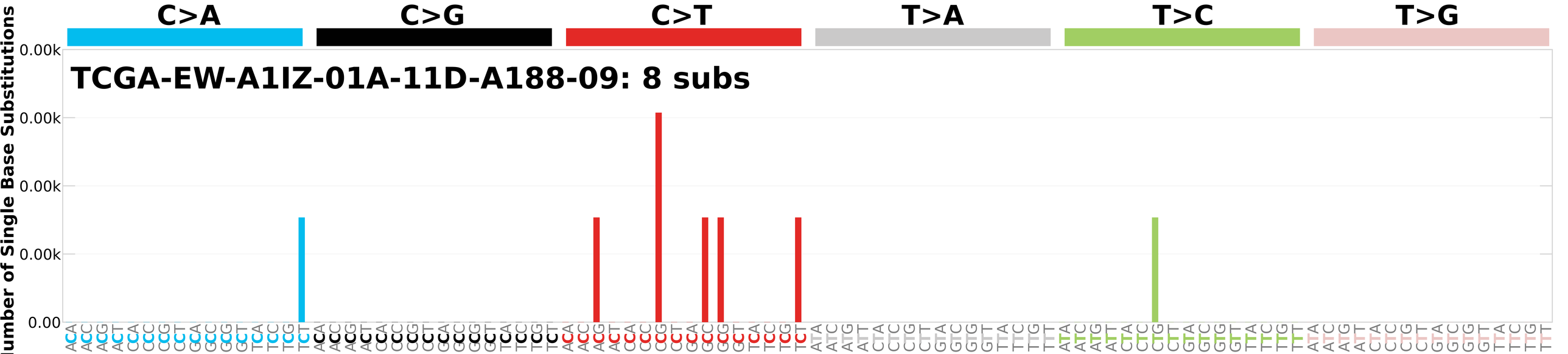
0.00k
0.00k
0.00k
0.00


C>A
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T>G
TCGA-EW-A1IZ-01A-11D-A188-09: 8 subs
Number of Single Base Substitutions
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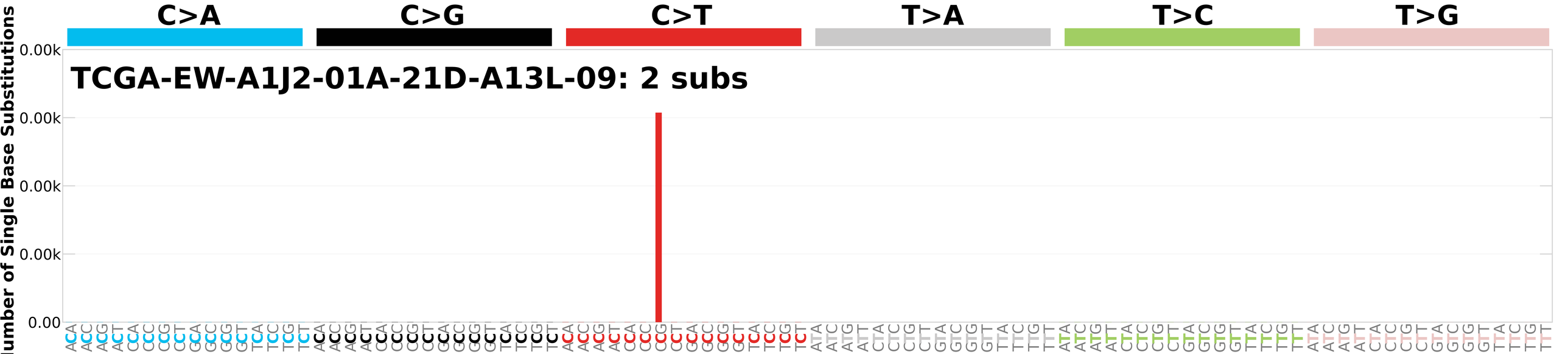
C>A
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T>G
TCGA-EW-A1J2-01A-21D-A13L-09: 2 subs
Number of Single Base Substitutions
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0.00k
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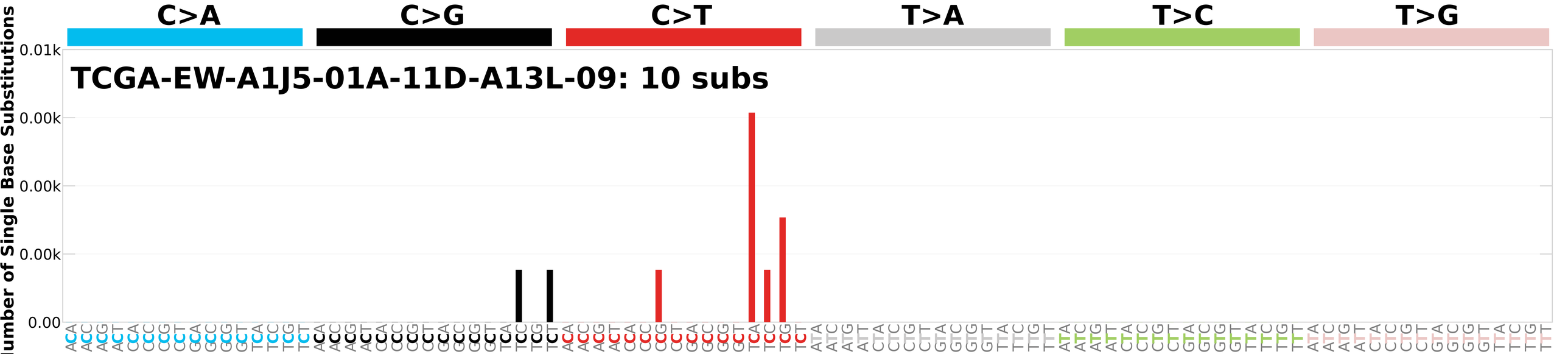
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T>G
TCGA-EW-A1J5-01A-11D-A13L-09: 10 subs
Number of Single Base Substitutions
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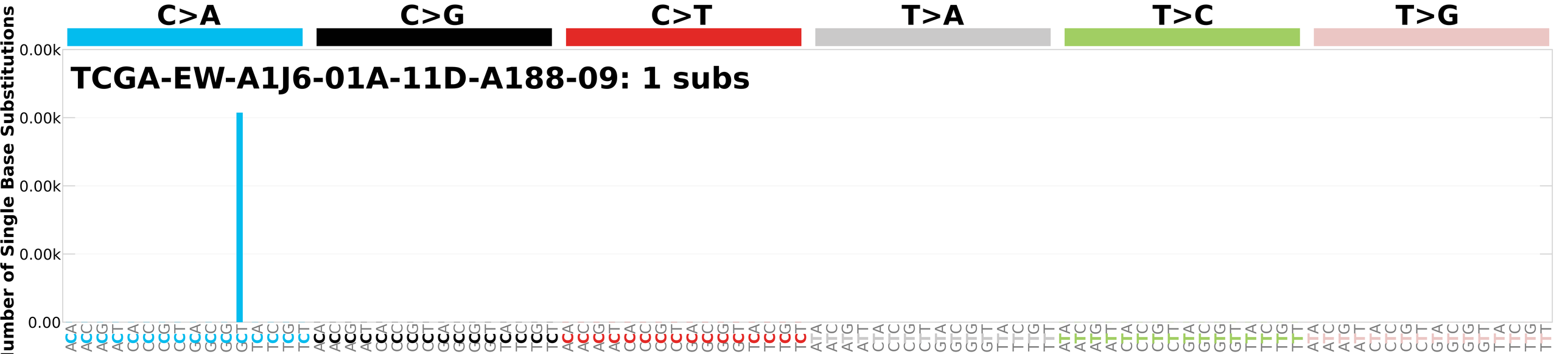
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TCGA-EW-A1J6-01A-11D-A188-09: 1 subs
Number of Single Base Substitutions
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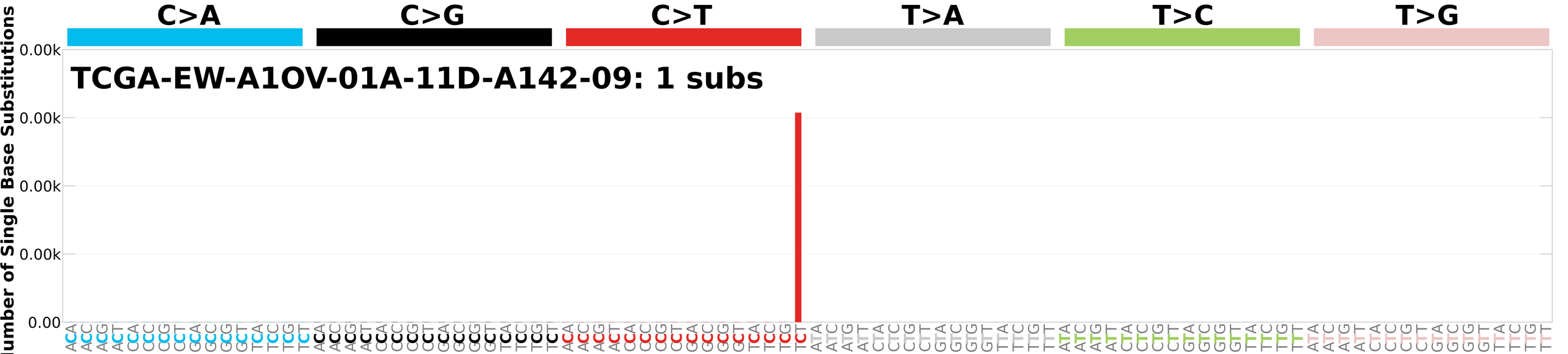
C>A
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T>C
T>G
TCGA-EW-A1OV-01A-11D-A142-09: 1 subs
Number of Single Base Substitutions
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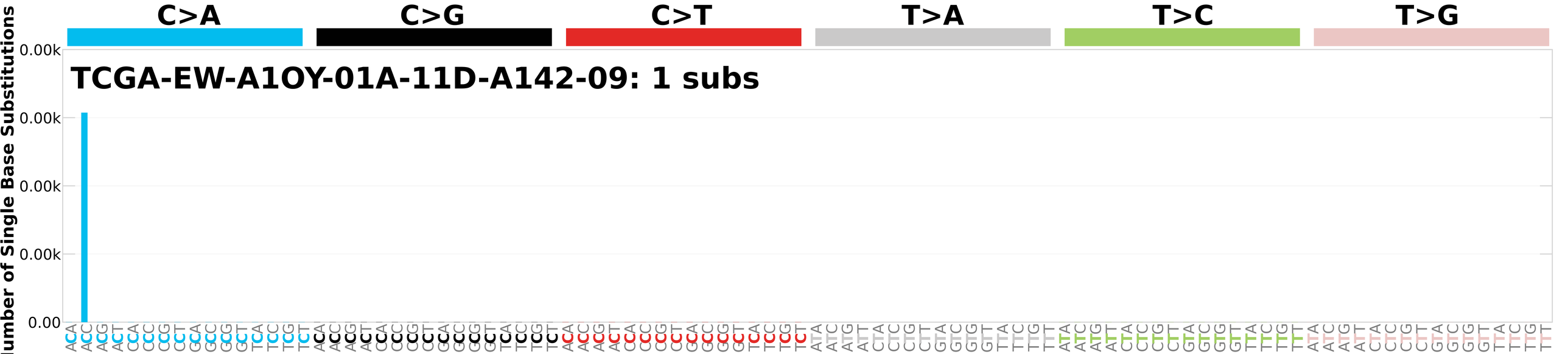
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TCGA-EW-A1OY-01A-11D-A142-09: 1 subs
Number of Single Base Substitutions
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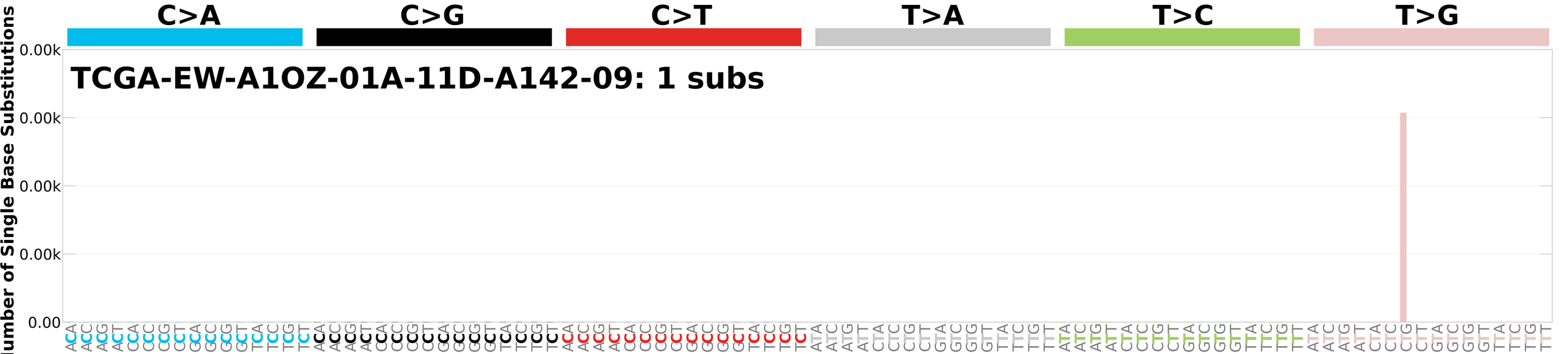
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T>C
T>G
TCGA-EW-A1OZ-01A-11D-A142-09: 1 subs
Number of Single Base Substitutions
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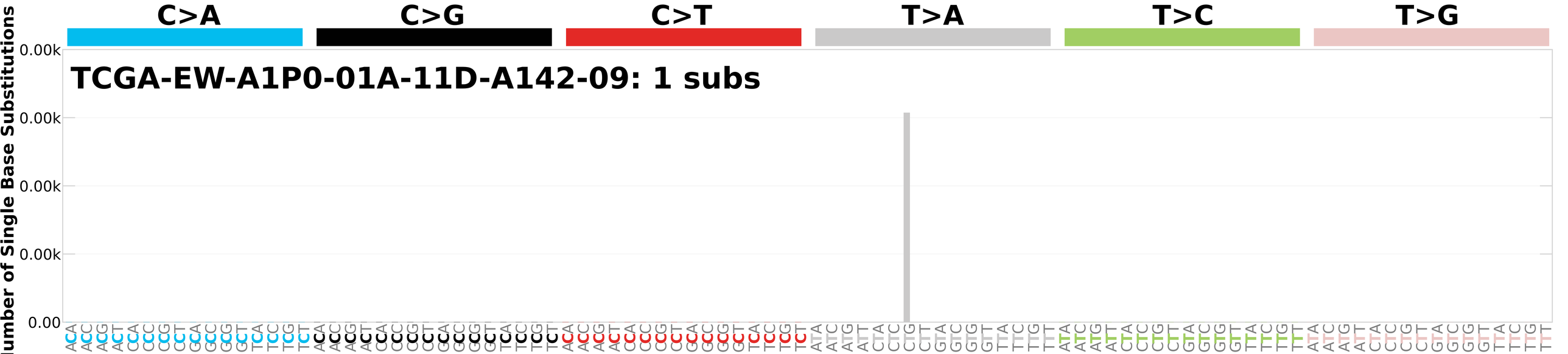
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Number of Single Base Substitutions
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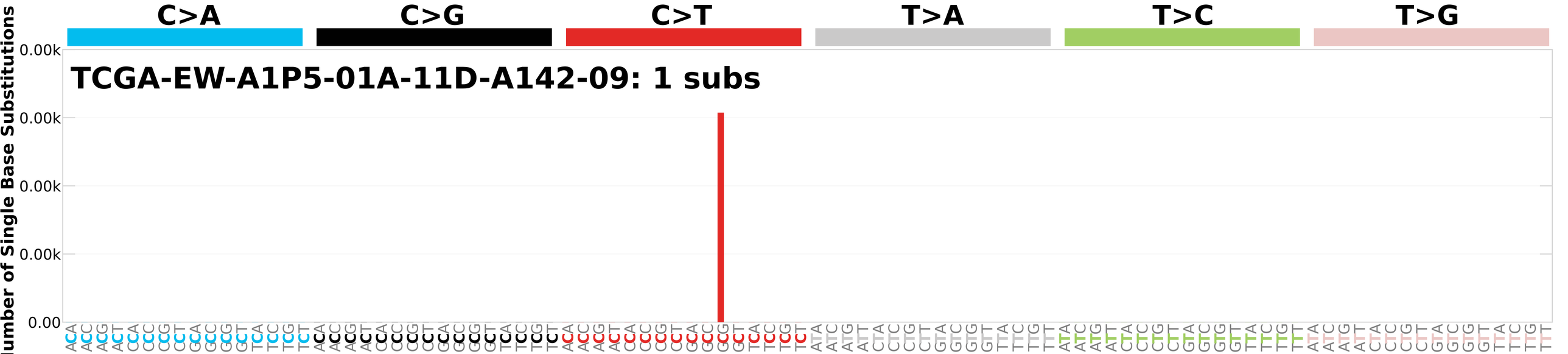
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TCGA-EW-A1P5-01A-11D-A142-09: 1 subs
Number of Single Base Substitutions
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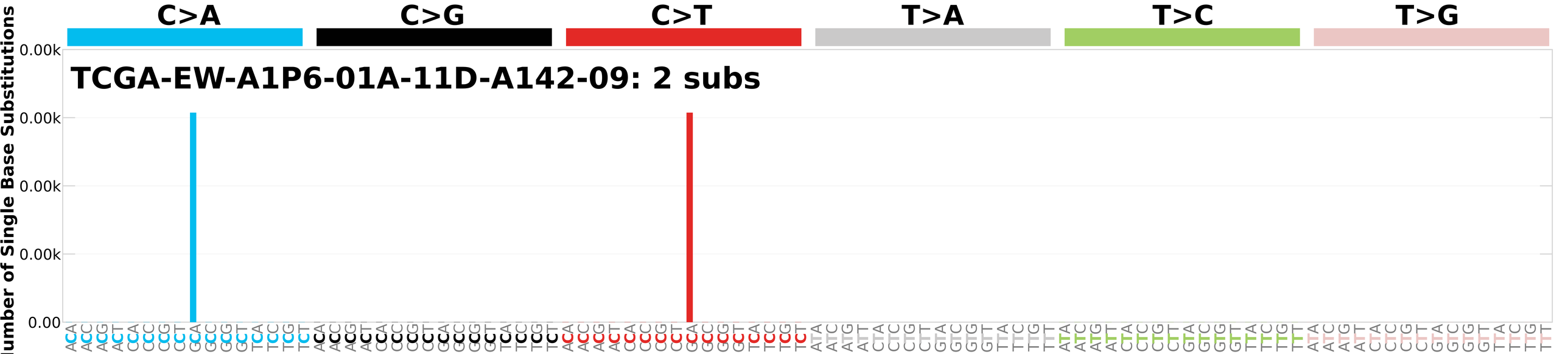
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T>G
TCGA-EW-A1P6-01A-11D-A142-09: 2 subs
Number of Single Base Substitutions
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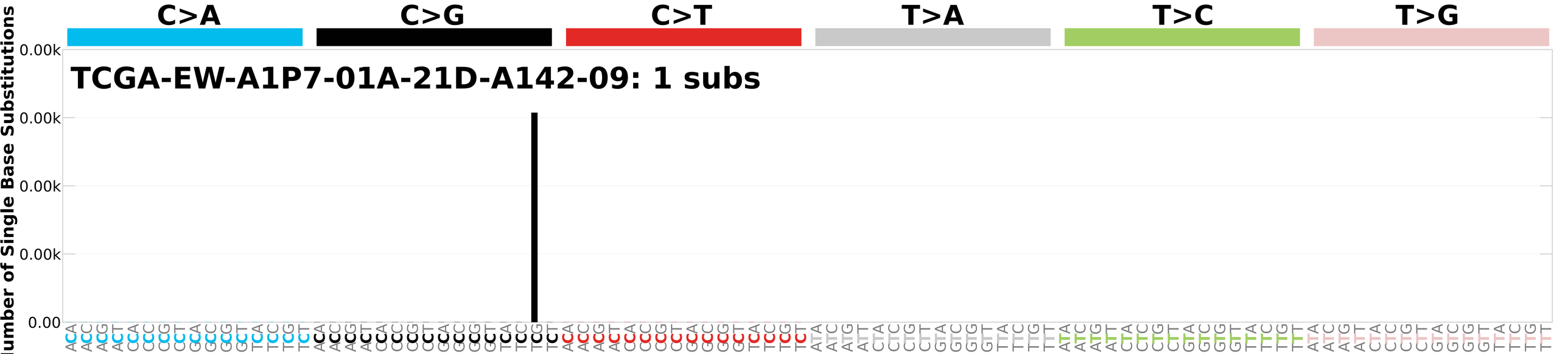
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Number of Single Base Substitutions
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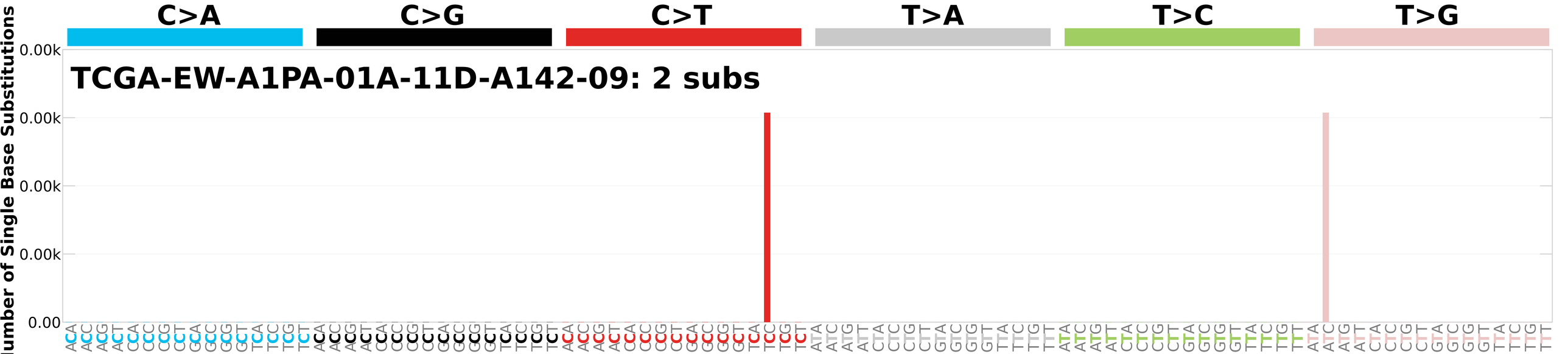
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TCGA-EW-A1PA-01A-11D-A142-09: 2 subs
Number of Single Base Substitutions
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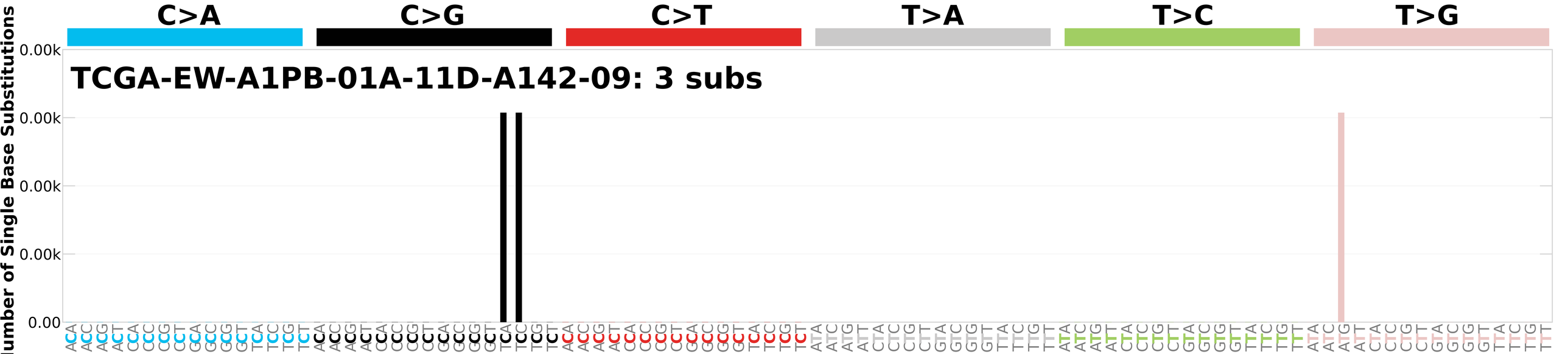
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TCGA-EW-A1PB-01A-11D-A142-09: 3 subs
Number of Single Base Substitutions
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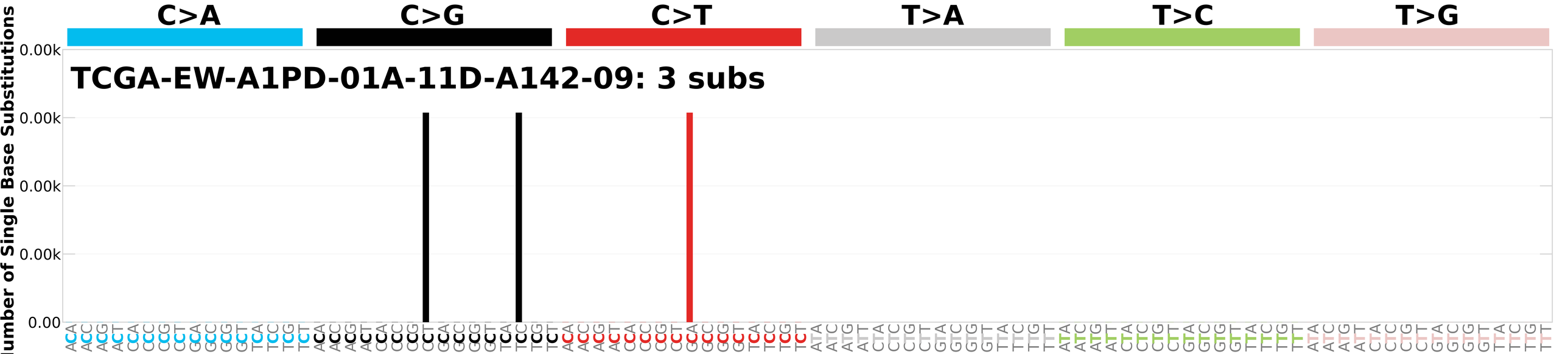
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TCGA-EW-A1PD-01A-11D-A142-09: 3 subs
Number of Single Base Substitutions
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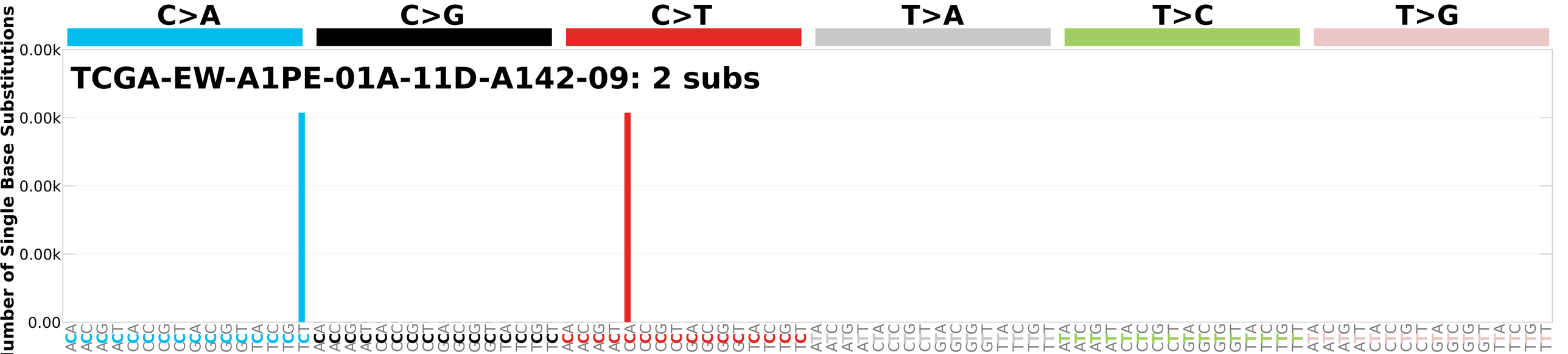
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TCGA-EW-A1PE-01A-11D-A142-09: 2 subs
Number of Single Base Substitutions
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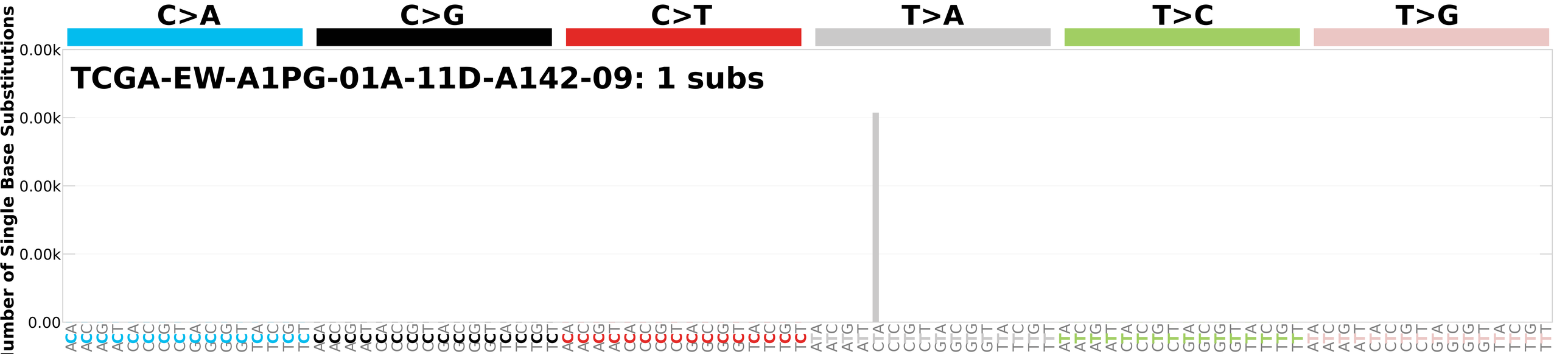
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TCGA-EW-A1PG-01A-11D-A142-09: 1 subs
Number of Single Base Substitutions
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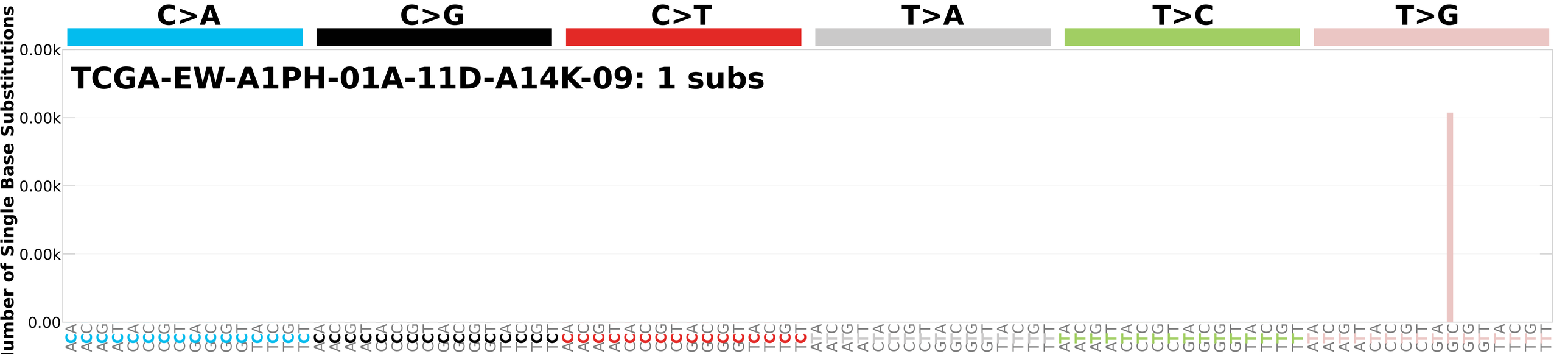
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T>G
TCGA-EW-A1PH-01A-11D-A14K-09: 1 subs
Number of Single Base Substitutions
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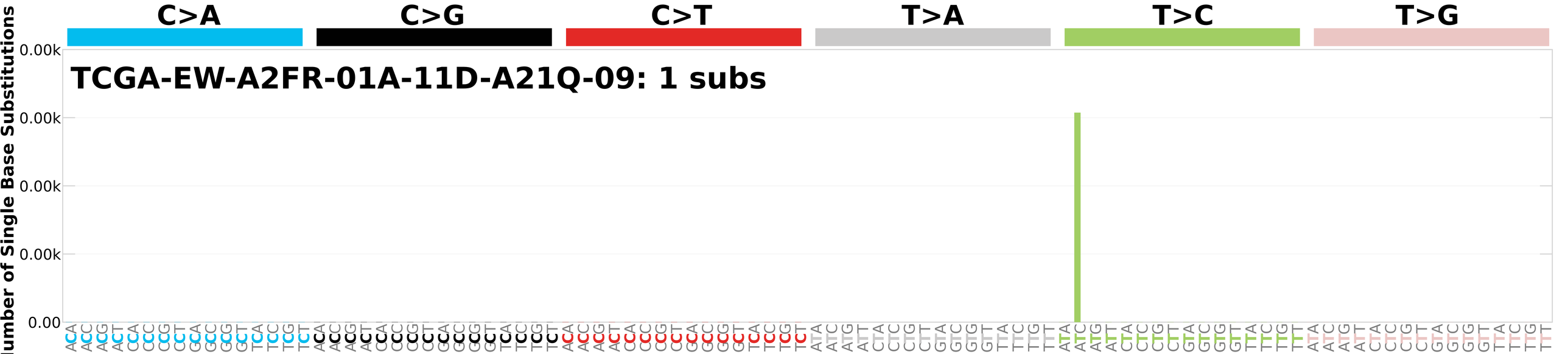
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T>G
TCGA-EW-A2FR-01A-11D-A21Q-09: 1 subs
Number of Single Base Substitutions
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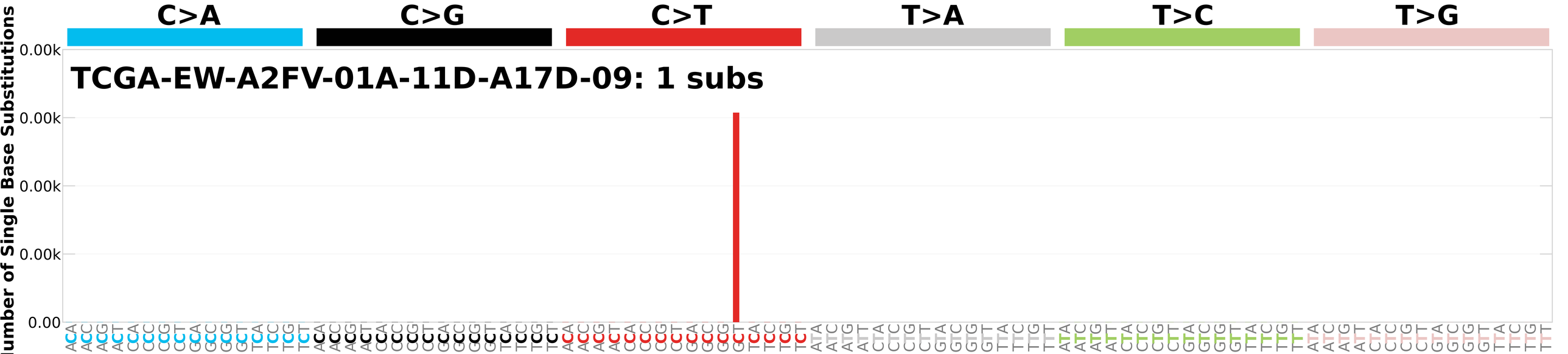
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TCGA-EW-A2FV-01A-11D-A17D-09: 1 subs
Number of Single Base Substitutions
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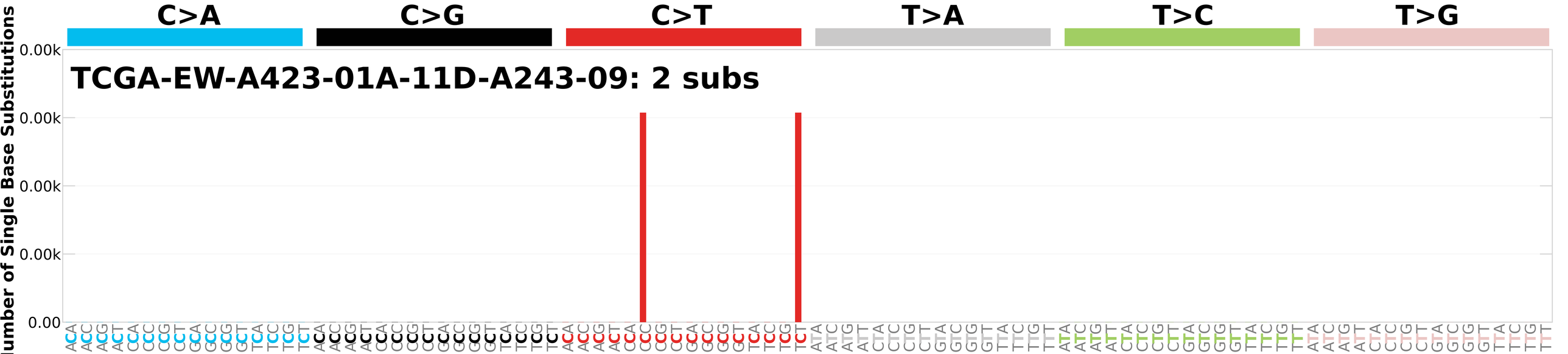
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T>G
TCGA-EW-A423-01A-11D-A243-09: 2 subs
Number of Single Base Substitutions
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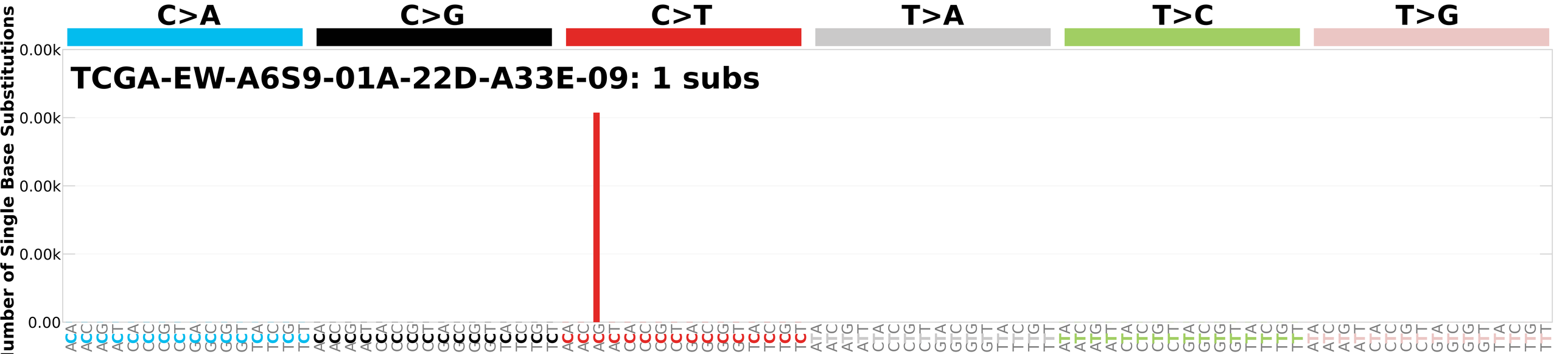
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T>A
T>C
T>G
TCGA-EW-A6S9-01A-22D-A33E-09: 1 subs
Number of Single Base Substitutions
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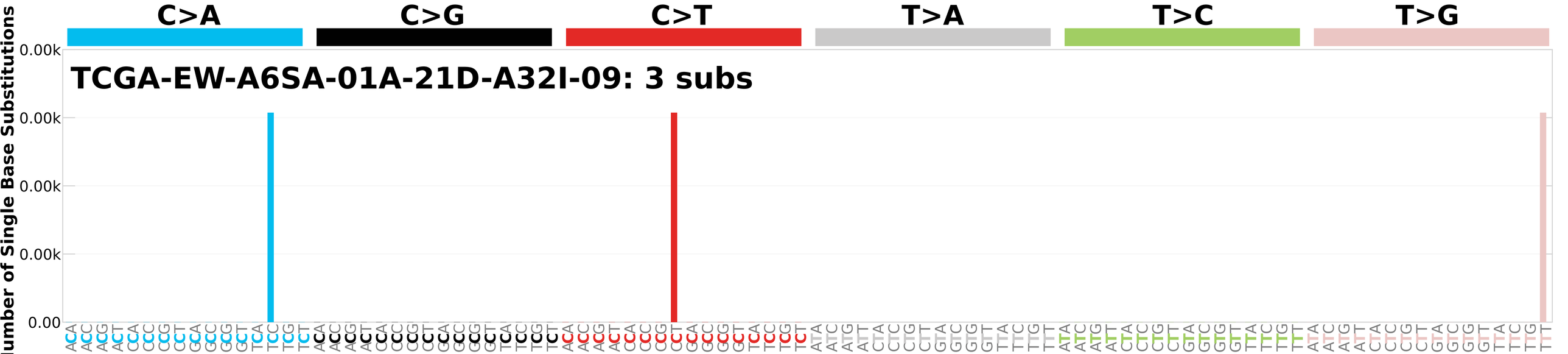
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T>C
T>G
TCGA-EW-A6SA-01A-21D-A32I-09: 3 subs
Number of Single Base Substitutions
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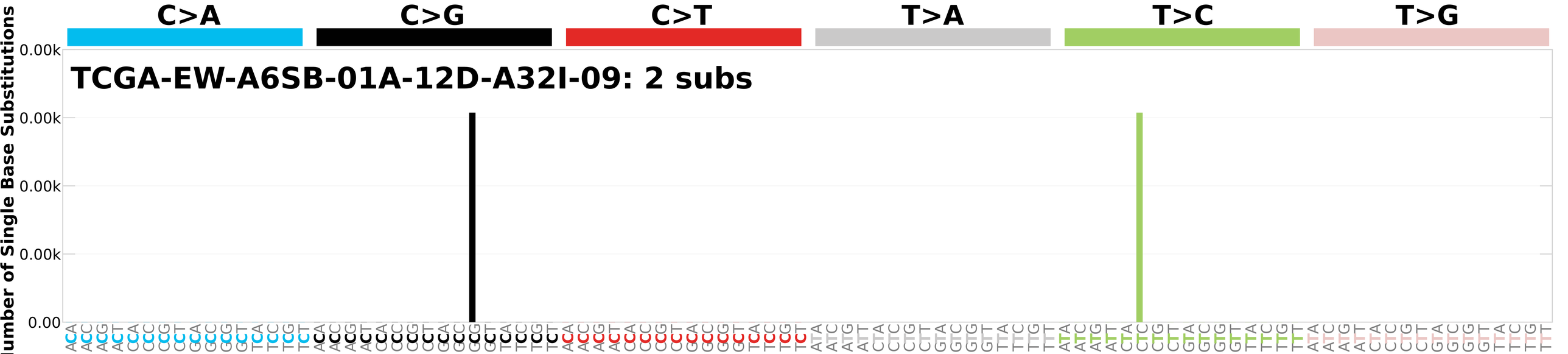
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T>G
TCGA-EW-A6SB-01A-12D-A32I-09: 2 subs
Number of Single Base Substitutions
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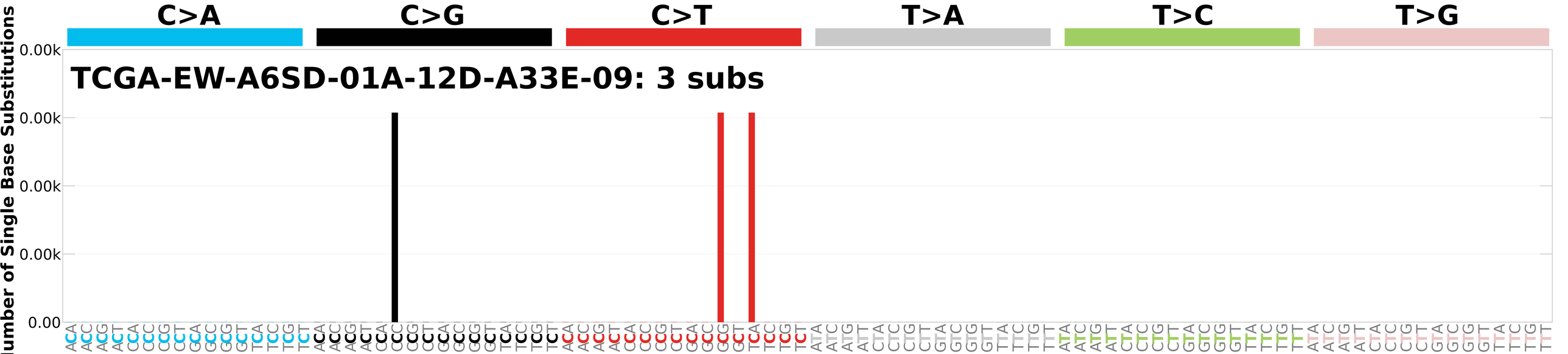
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TCGA-EW-A6SD-01A-12D-A33E-09: 3 subs
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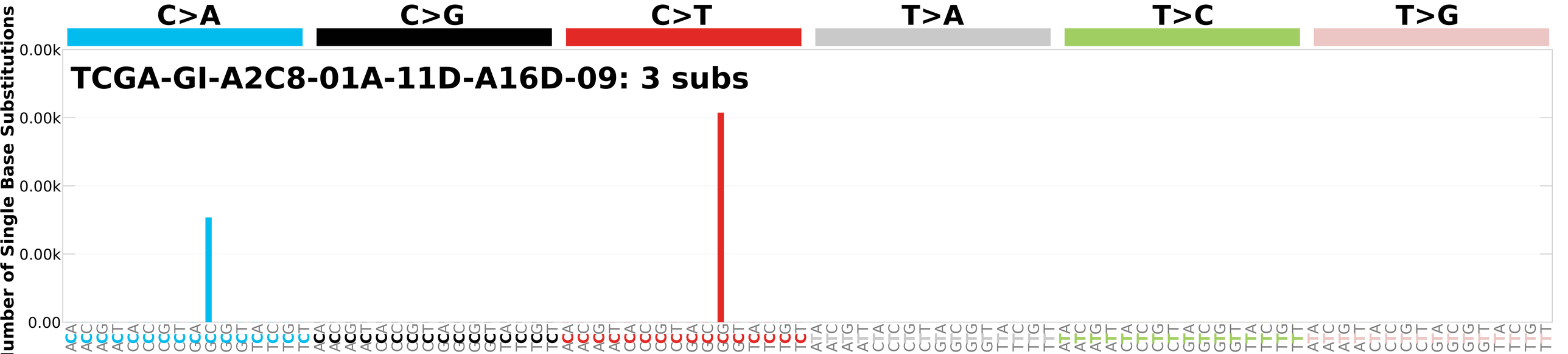
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T>G
TCGA-GI-A2C8-01A-11D-A16D-09: 3 subs
Number of Single Base Substitutions
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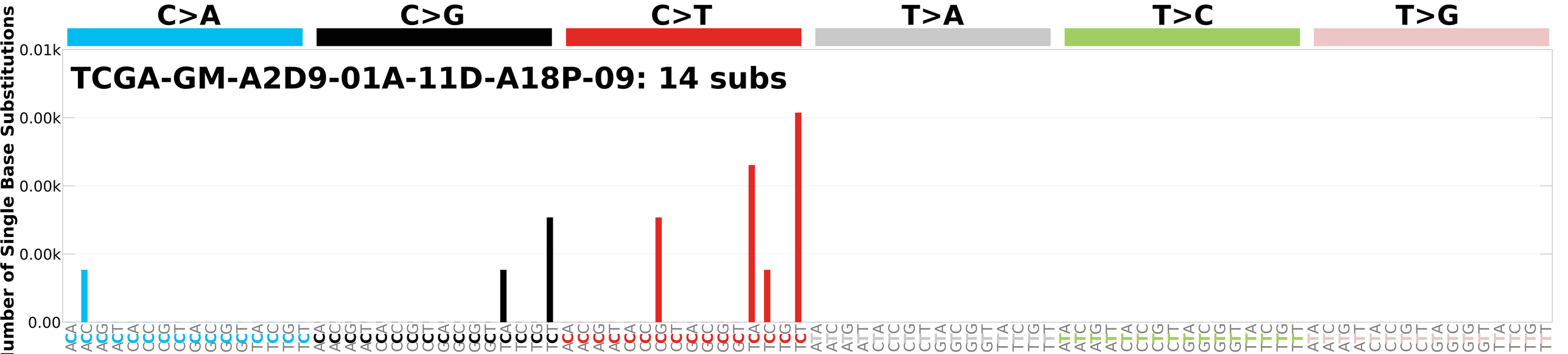
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T>G
TCGA-GM-A2D9-01A-11D-A18P-09: 14 subs
Number of Single Base Substitutions
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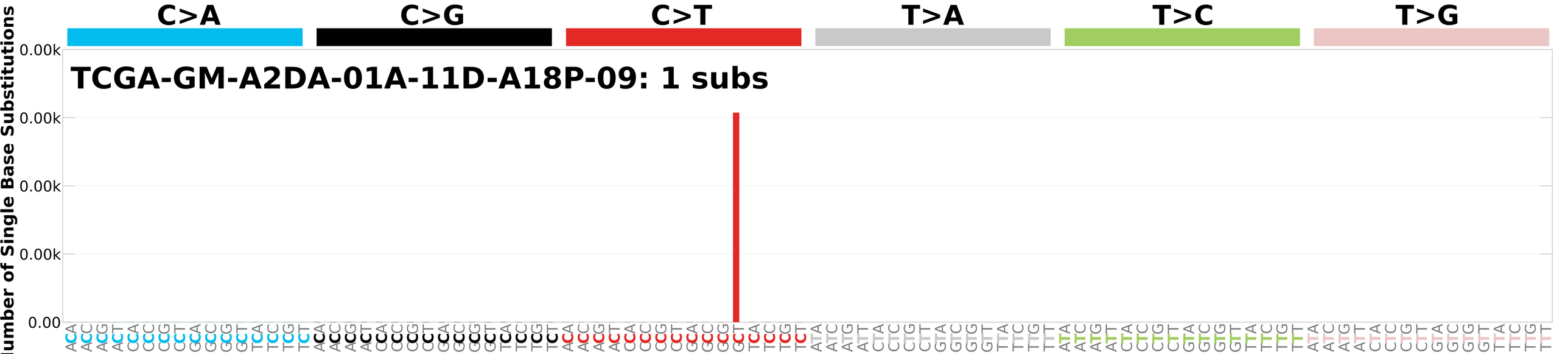
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T>G
TCGA-GM-A2DA-01A-11D-A18P-09: 1 subs
Number of Single Base Substitutions
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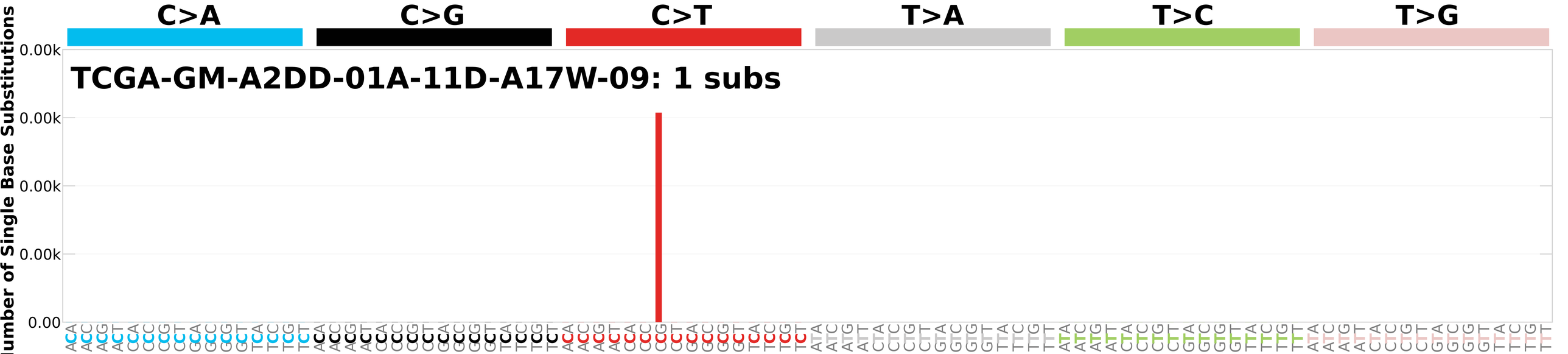
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T>C
T>G
TCGA-GM-A2DD-01A-11D-A17W-09: 1 subs
Number of Single Base Substitutions
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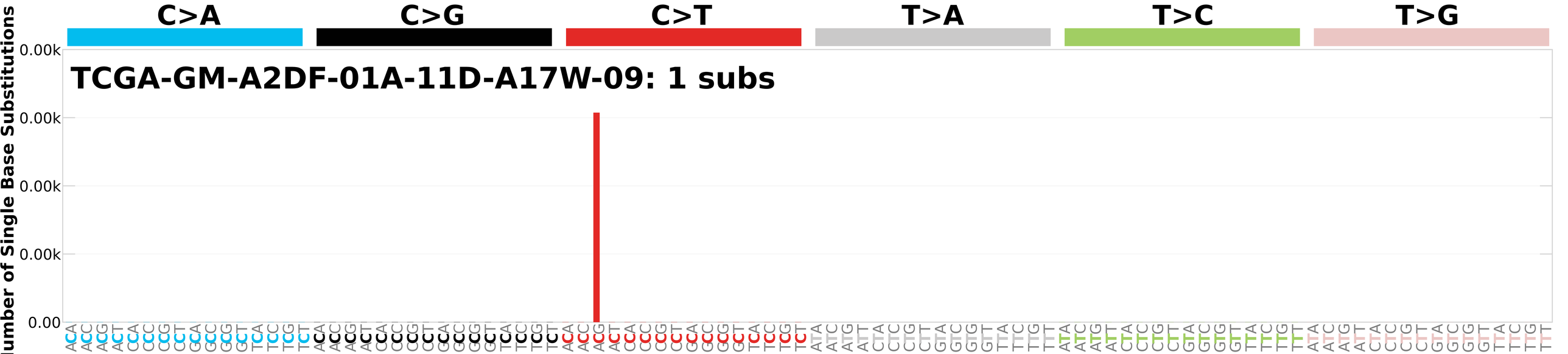
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T>G
TCGA-GM-A2DF-01A-11D-A17W-09: 1 subs
Number of Single Base Substitutions
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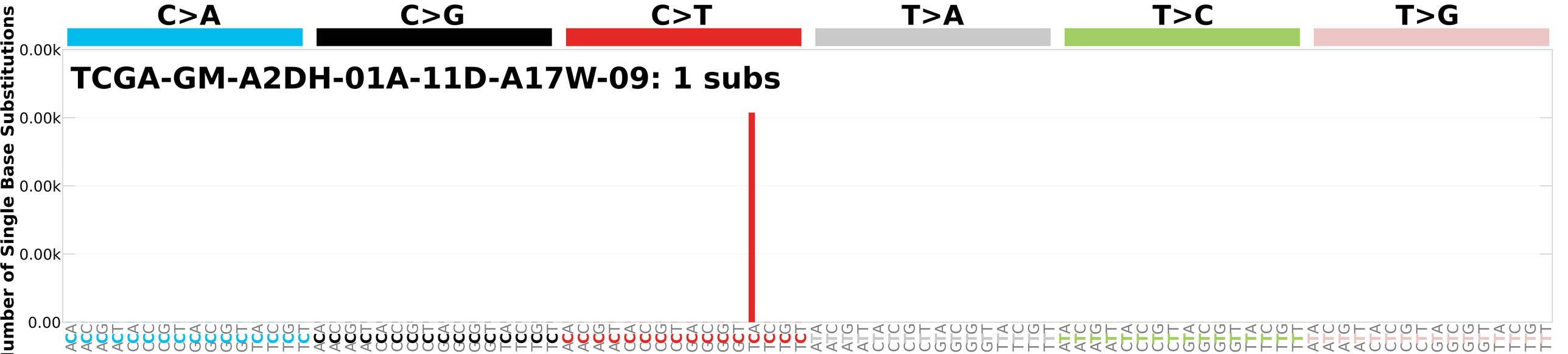
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T>G
TCGA-GM-A2DH-01A-11D-A17W-09: 1 subs
Number of Single Base Substitutions
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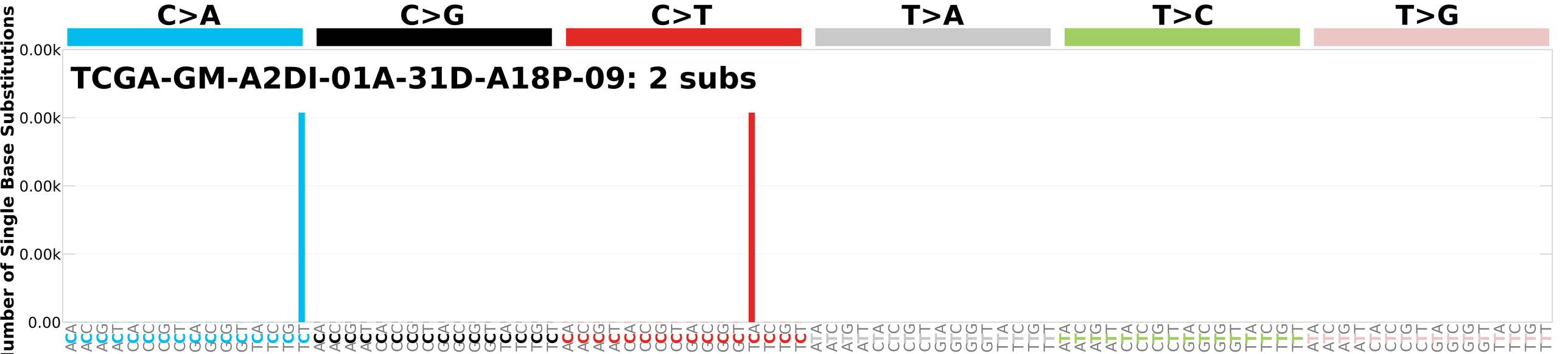
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C>G
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T>G
TCGA-GM-A2DI-01A-31D-A18P-09: 2 subs
Number of Single Base Substitutions
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0.00k
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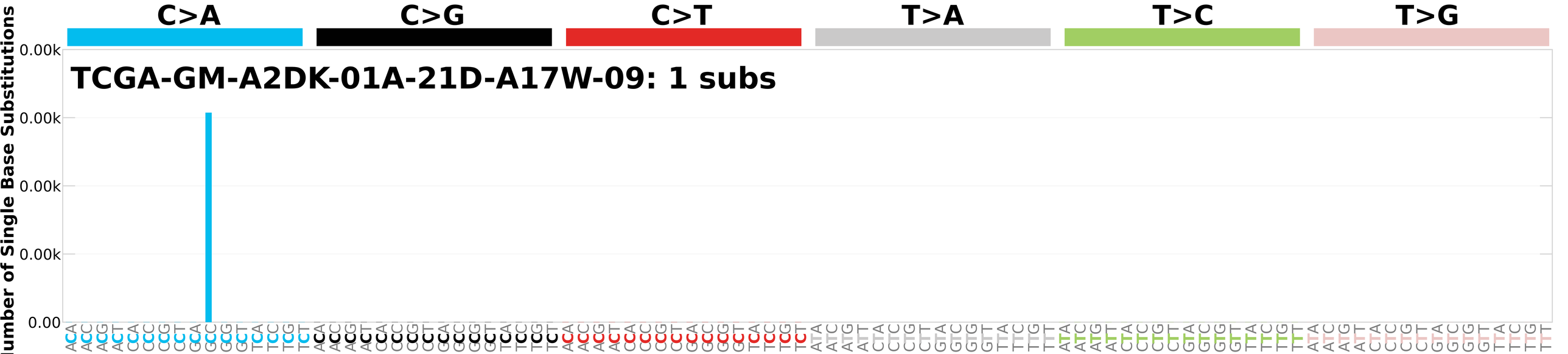
C>A
C>G
C>T
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T>C
T>G
TCGA-GM-A2DK-01A-21D-A17W-09: 1 subs
Number of Single Base Substitutions
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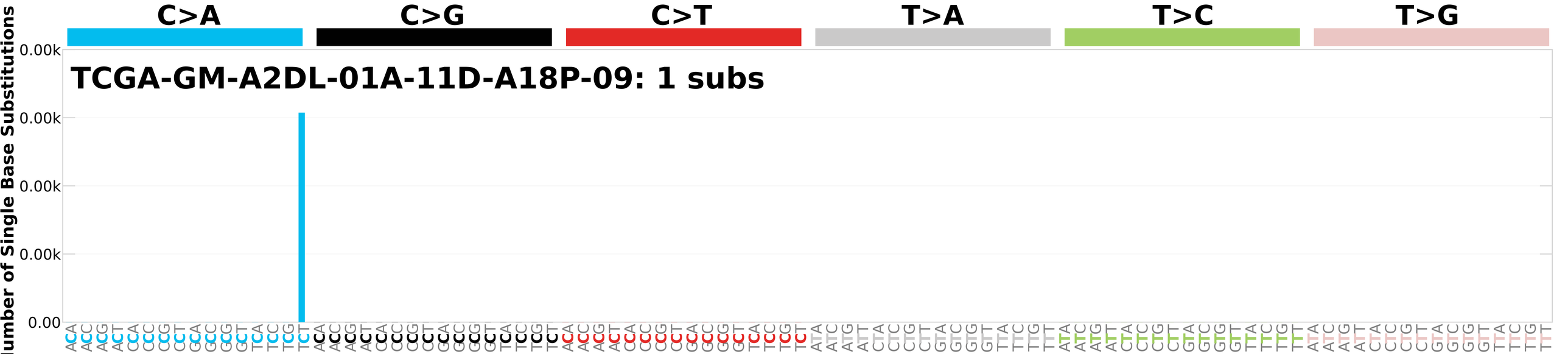
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T>G
TCGA-GM-A2DL-01A-11D-A18P-09: 1 subs
Number of Single Base Substitutions
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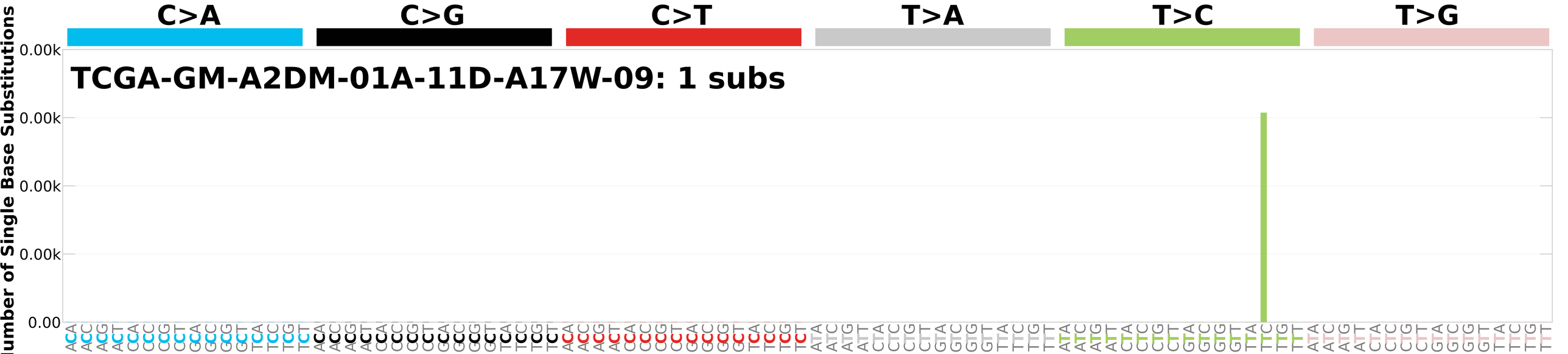
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C>G
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T>G
TCGA-GM-A2DM-01A-11D-A17W-09: 1 subs
Number of Single Base Substitutions
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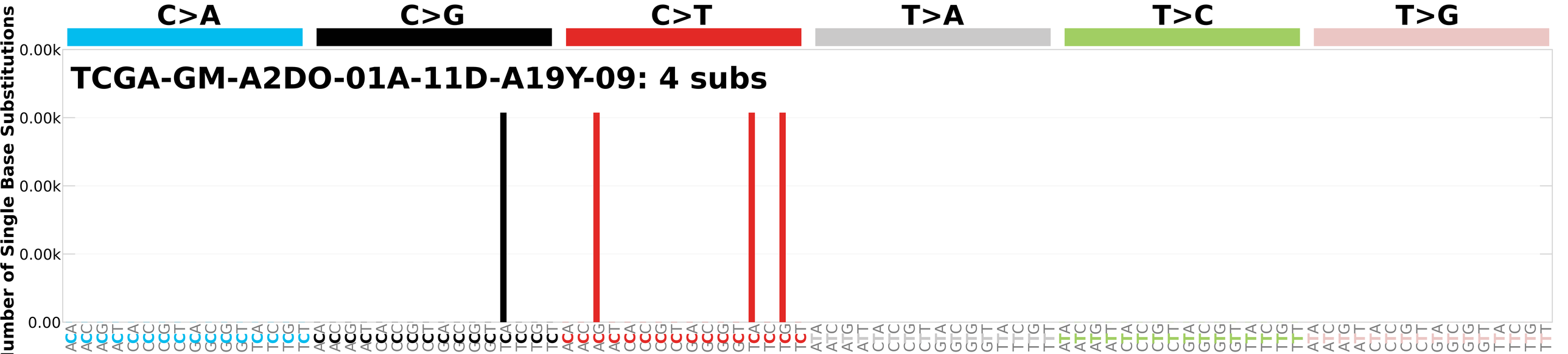
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T>G
TCGA-GM-A2DO-01A-11D-A19Y-09: 4 subs
Number of Single Base Substitutions
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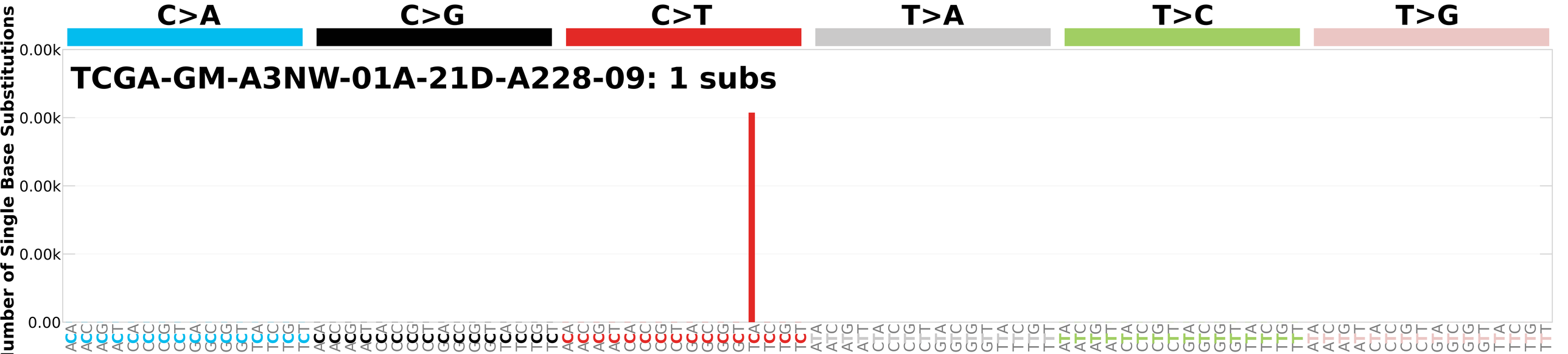
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T>C
T>G
TCGA-GM-A3NW-01A-21D-A228-09: 1 subs
Number of Single Base Substitutions
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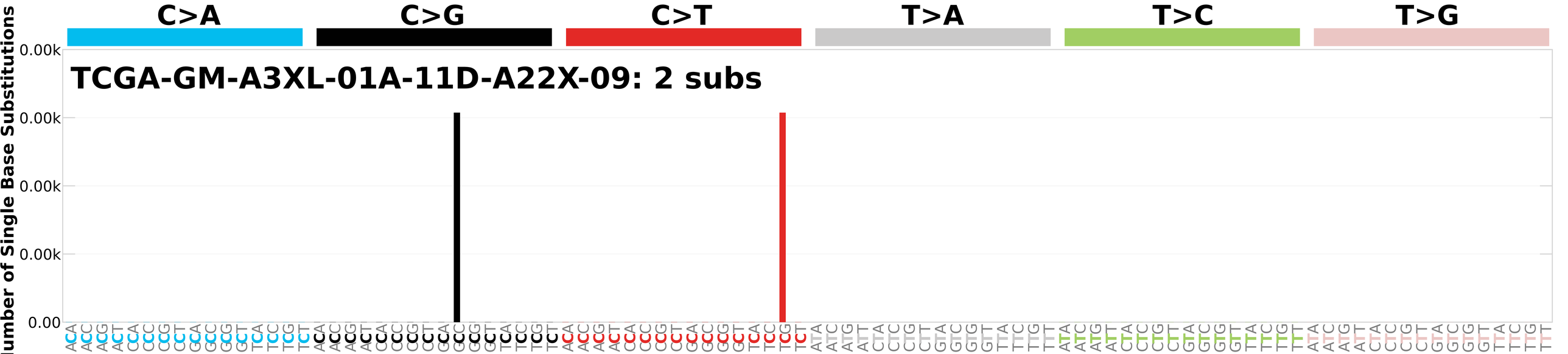
C>A
C>G
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T>G
TCGA-GM-A3XL-01A-11D-A22X-09: 2 subs
Number of Single Base Substitutions
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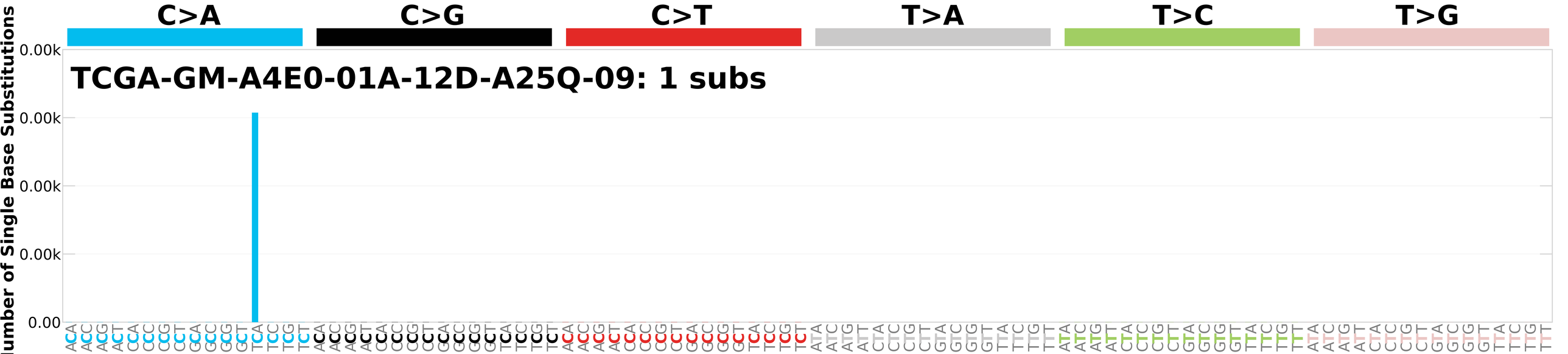
C>A
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T>G
TCGA-GM-A4E0-01A-12D-A25Q-09: 1 subs
Number of Single Base Substitutions
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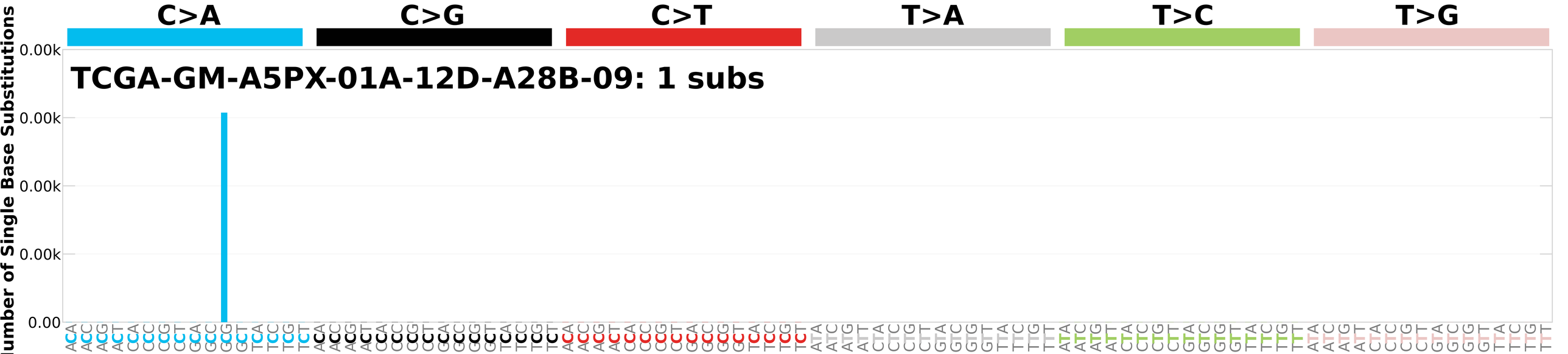
C>A
C>G
C>T
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T>G
TCGA-GM-A5PX-01A-12D-A28B-09: 1 subs
Number of Single Base Substitutions
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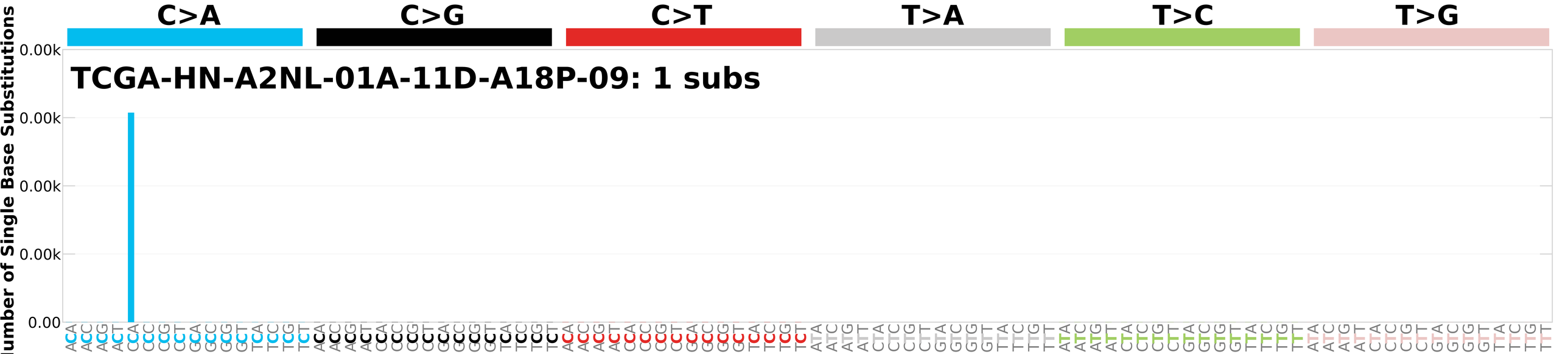
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T>G
TCGA-HN-A2NL-01A-11D-A18P-09: 1 subs
Number of Single Base Substitutions
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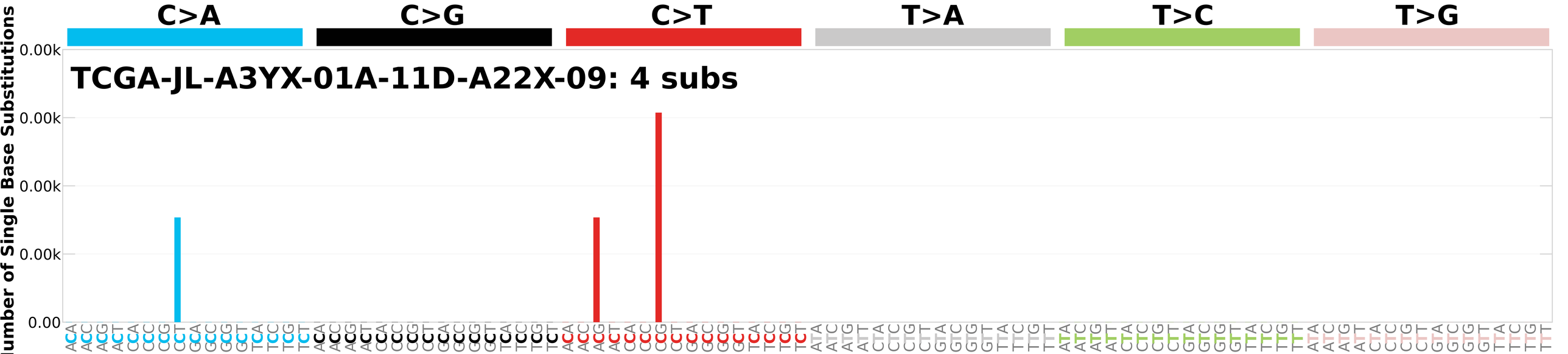
C>A
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T>G
TCGA-JL-A3YX-01A-11D-A22X-09: 4 subs
Number of Single Base Substitutions
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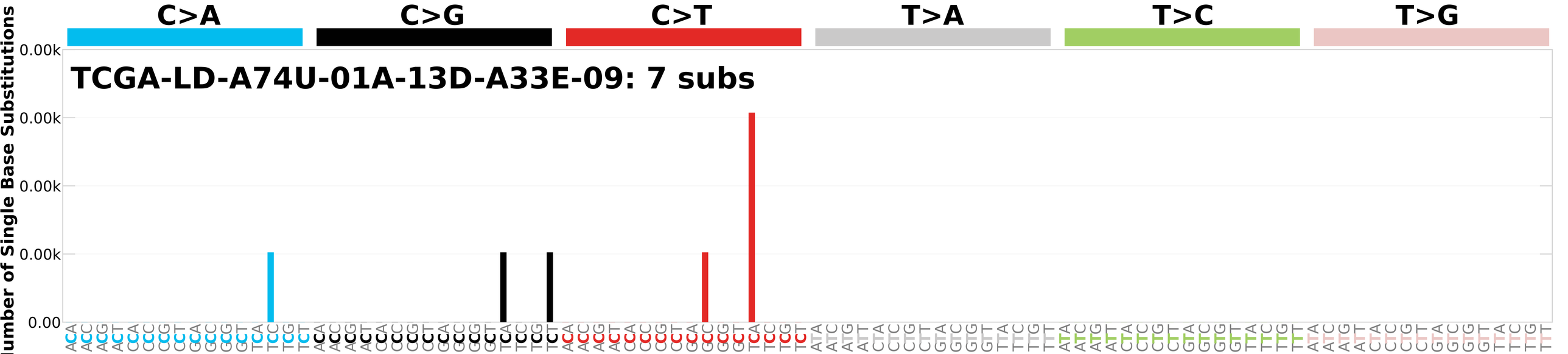
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TCGA-LD-A74U-01A-13D-A33E-09: 7 subs
Number of Single Base Substitutions
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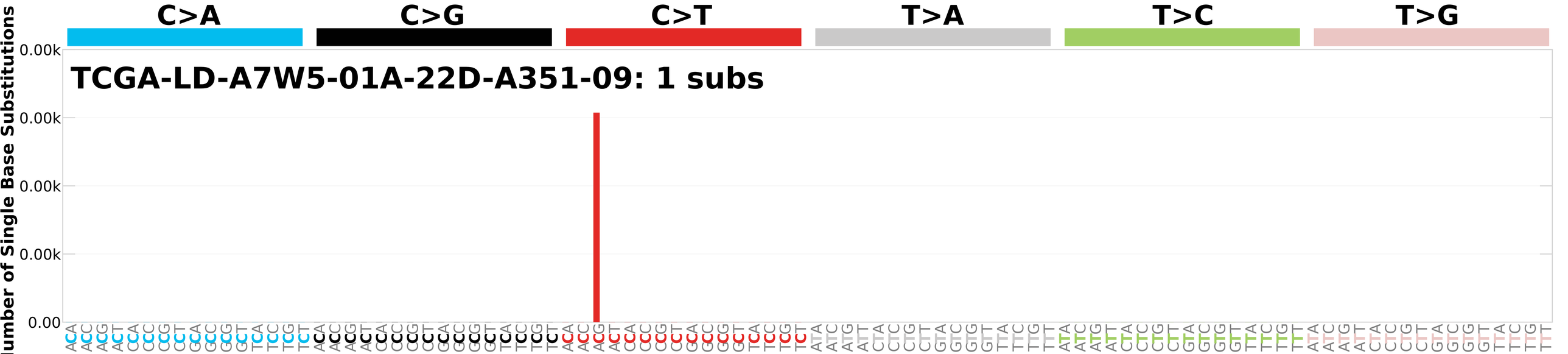
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T>G
TCGA-LD-A7W5-01A-22D-A351-09: 1 subs
Number of Single Base Substitutions
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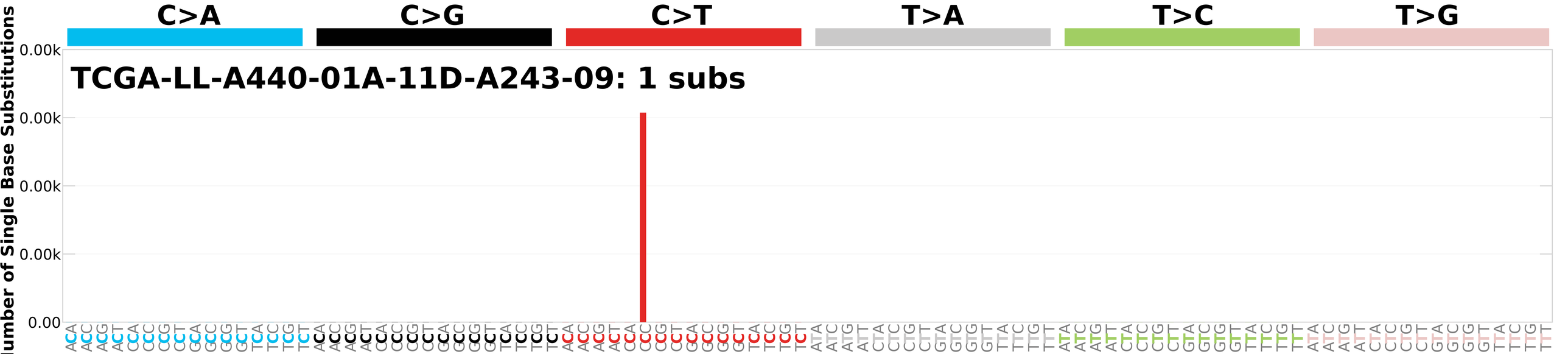
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TCGA-LL-A440-01A-11D-A243-09: 1 subs
Number of Single Base Substitutions
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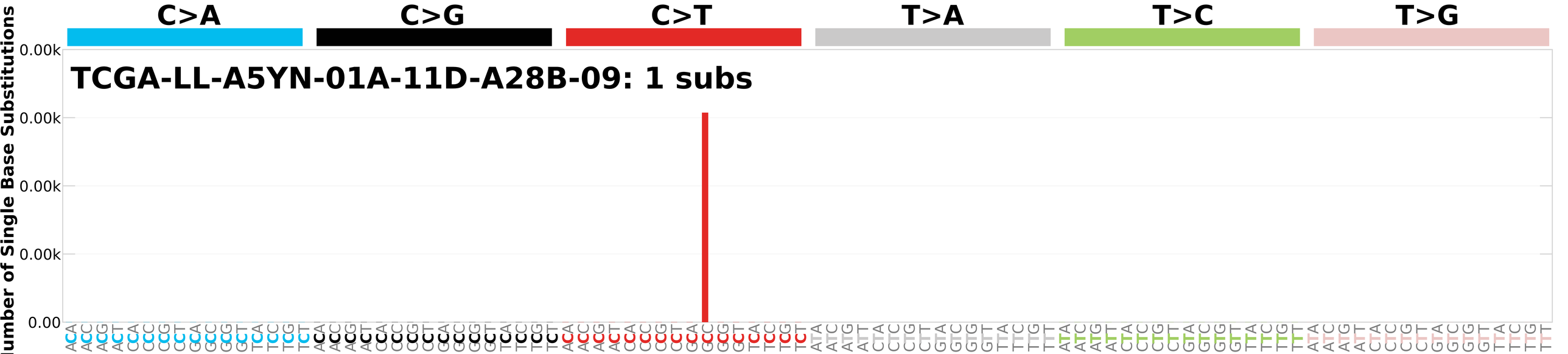
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T>G
TCGA-LL-A5YN-01A-11D-A28B-09: 1 subs
Number of Single Base Substitutions
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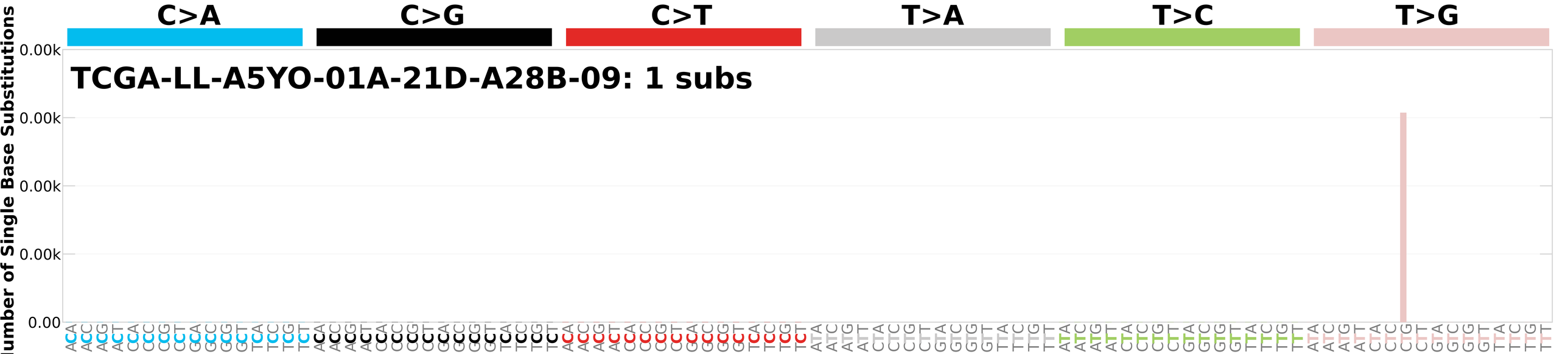
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TCGA-LL-A5YO-01A-21D-A28B-09: 1 subs
Number of Single Base Substitutions
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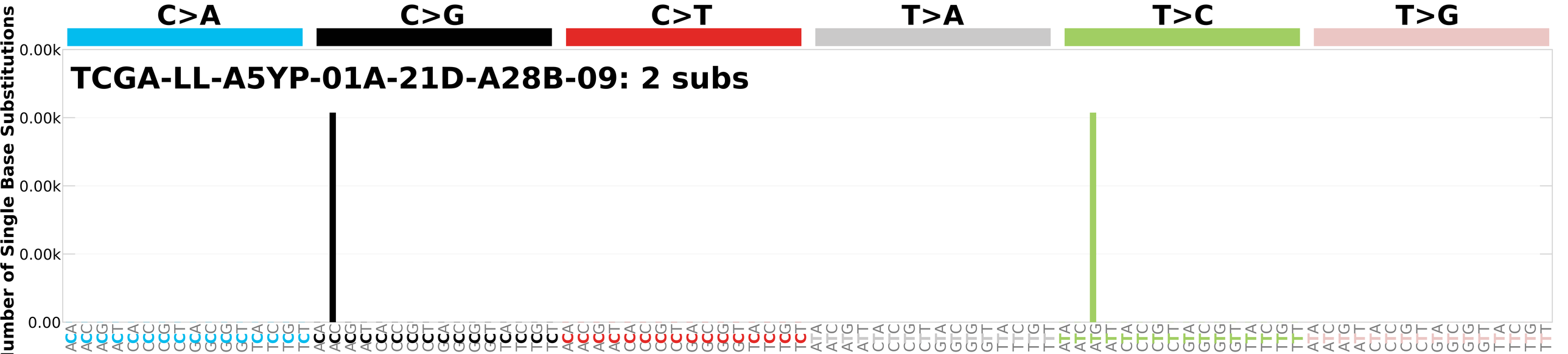
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TCGA-LL-A5YP-01A-21D-A28B-09: 2 subs
Number of Single Base Substitutions
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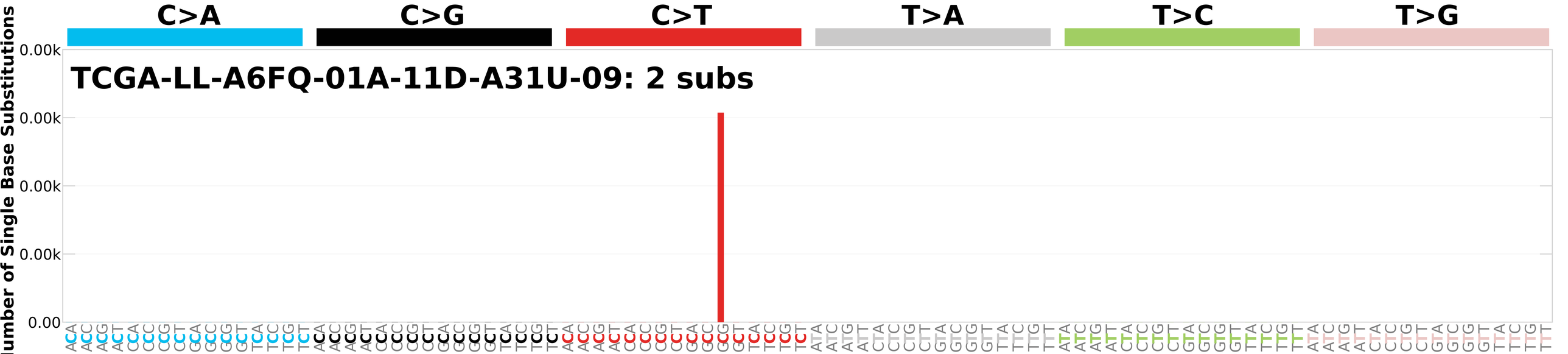
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TCGA-LL-A6FQ-01A-11D-A31U-09: 2 subs
Number of Single Base Substitutions
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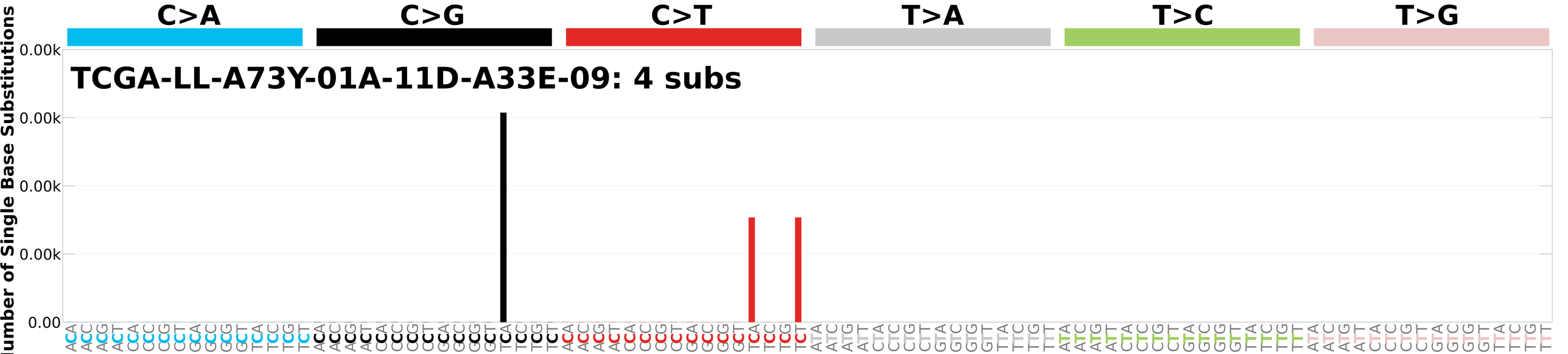
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TCGA-LL-A73Y-01A-11D-A33E-09: 4 subs
Number of Single Base Substitutions
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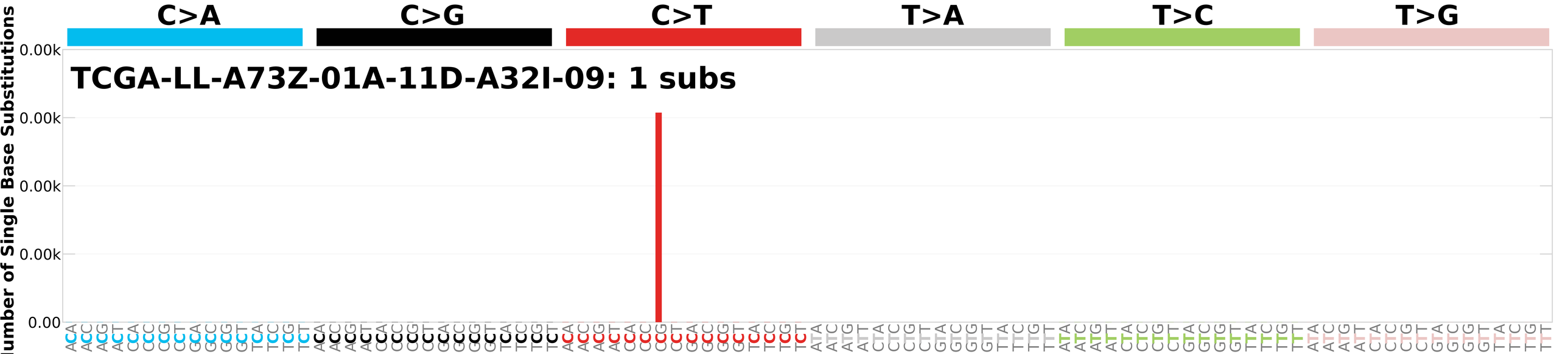
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TCGA-LL-A73Z-01A-11D-A32I-09: 1 subs
Number of Single Base Substitutions
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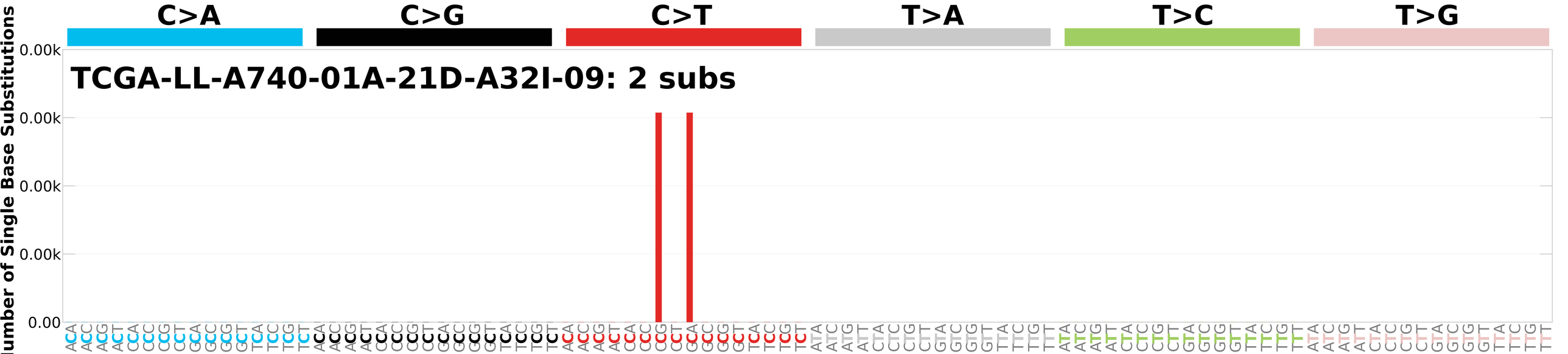
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T>G
TCGA-LL-A740-01A-21D-A32I-09: 2 subs
Number of Single Base Substitutions
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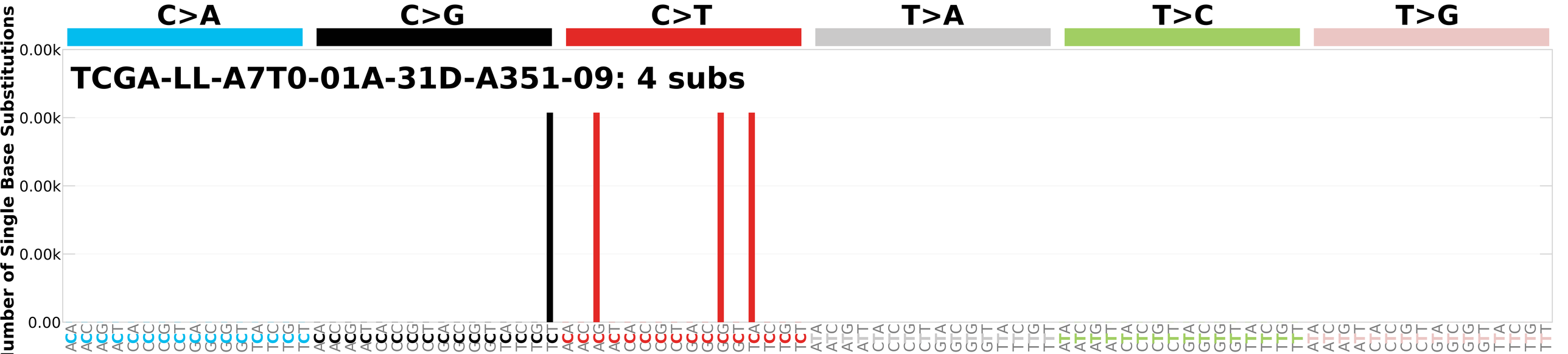
C>A
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C>T
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T>G
TCGA-LL-A7T0-01A-31D-A351-09: 4 subs
Number of Single Base Substitutions
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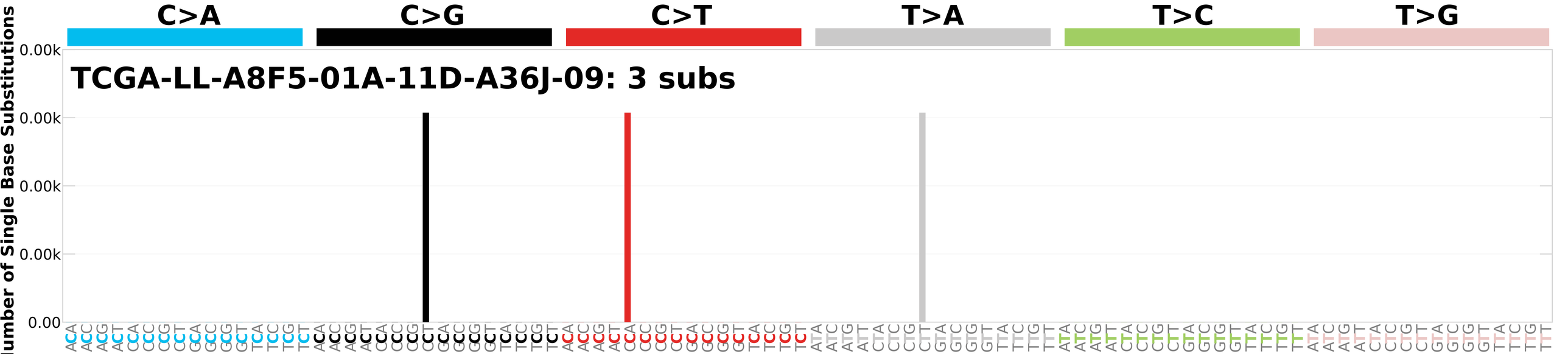
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T>G
TCGA-LL-A8F5-01A-11D-A36J-09: 3 subs
Number of Single Base Substitutions
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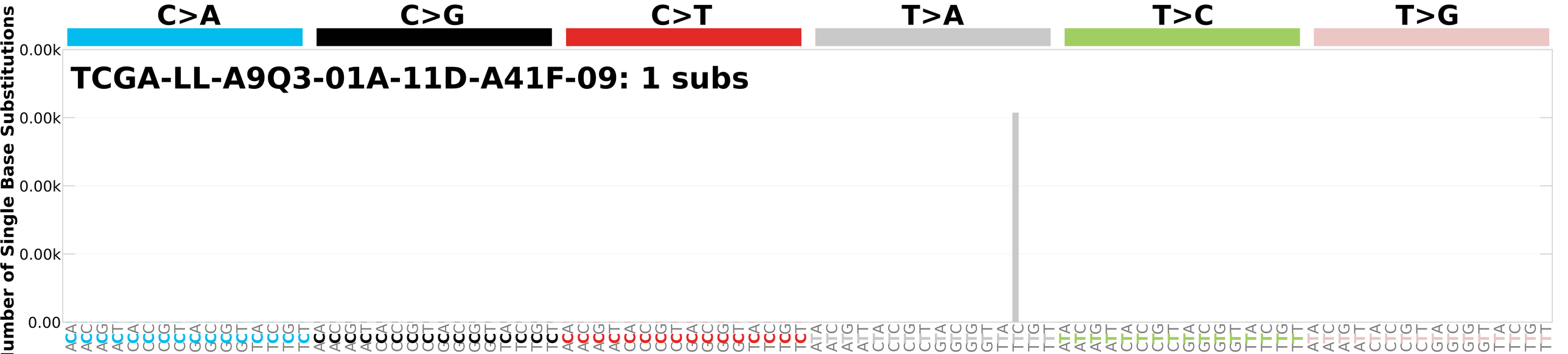
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T>G
TCGA-LL-A9Q3-01A-11D-A41F-09: 1 subs
Number of Single Base Substitutions
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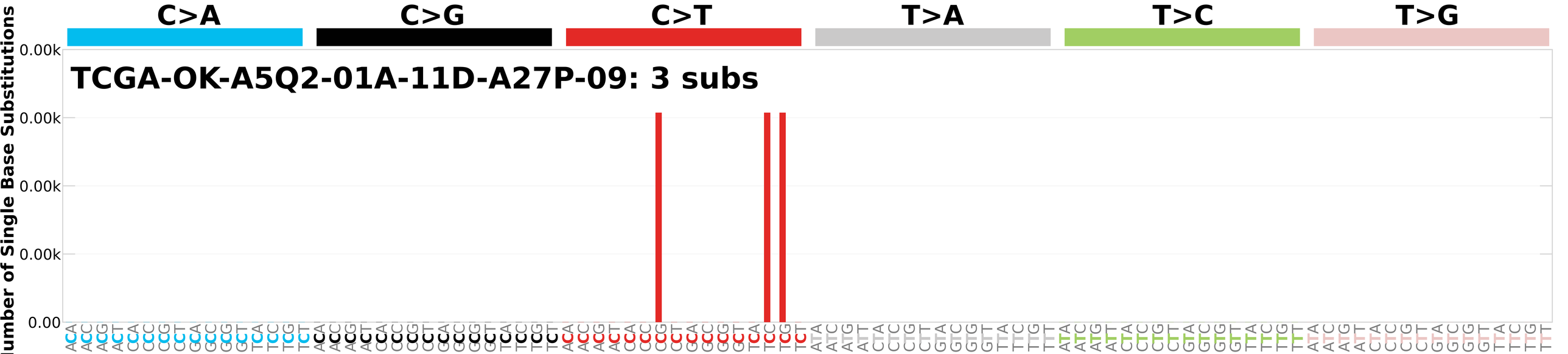
C>A
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C>T
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T>G
TCGA-OK-A5Q2-01A-11D-A27P-09: 3 subs
Number of Single Base Substitutions
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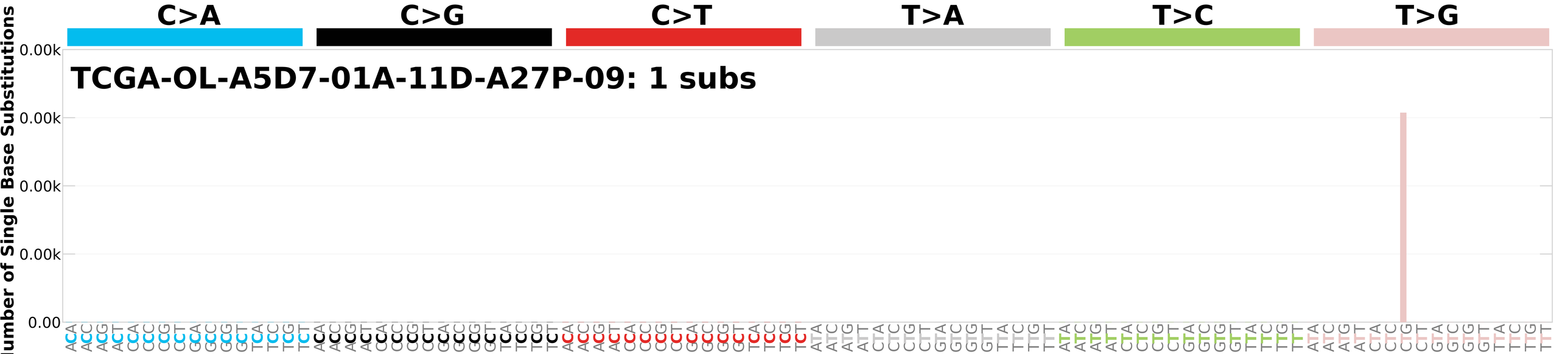
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T>G
TCGA-OL-A5D7-01A-11D-A27P-09: 1 subs
Number of Single Base Substitutions
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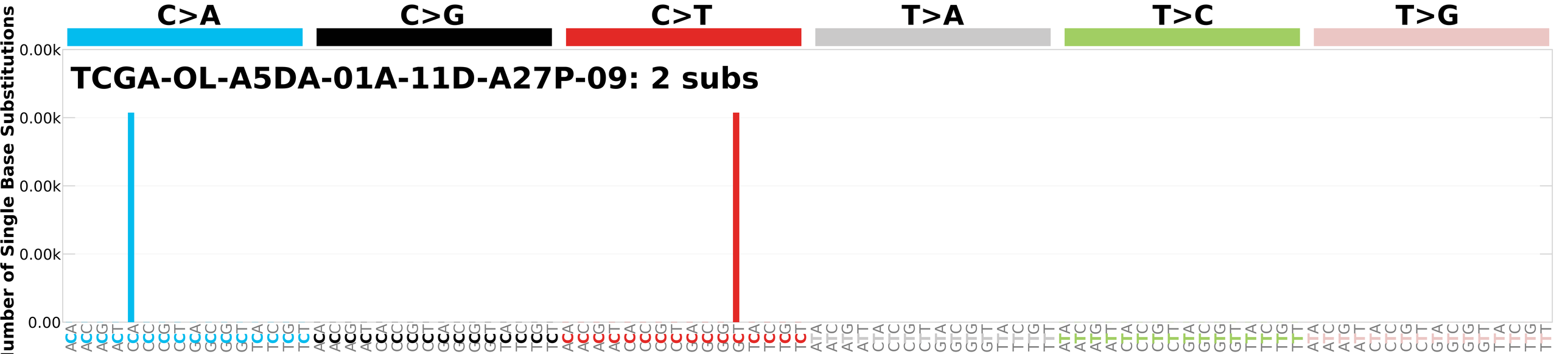
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T>G
TCGA-OL-A5DA-01A-11D-A27P-09: 2 subs
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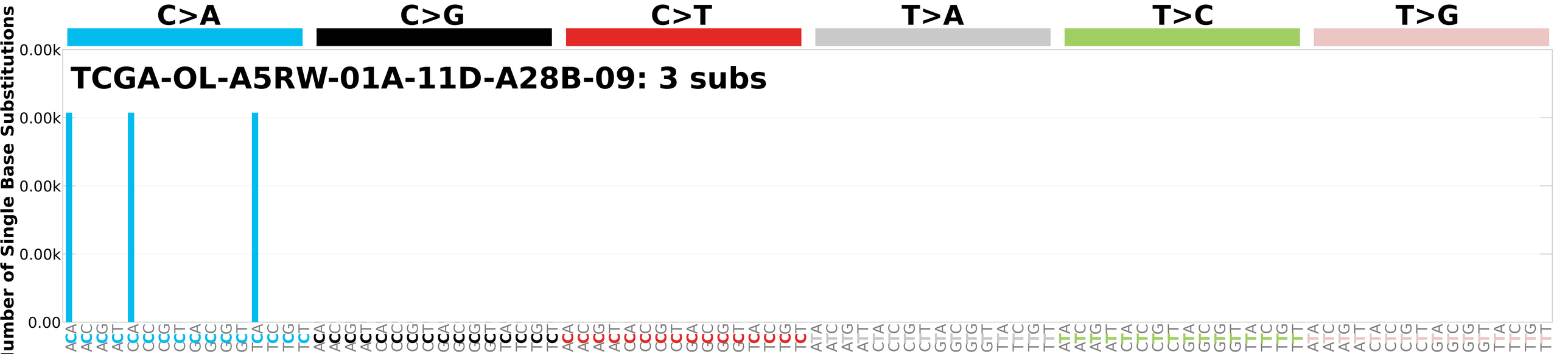
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T>G
TCGA-OL-A5RW-01A-11D-A28B-09: 3 subs
Number of Single Base Substitutions
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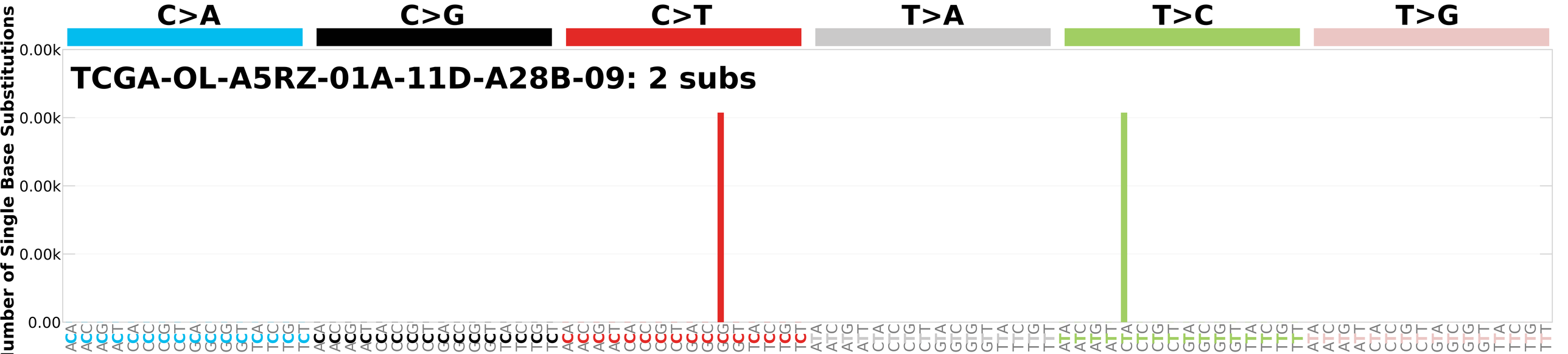
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T>C
T>G
TCGA-OL-A5RZ-01A-11D-A28B-09: 2 subs
Number of Single Base Substitutions
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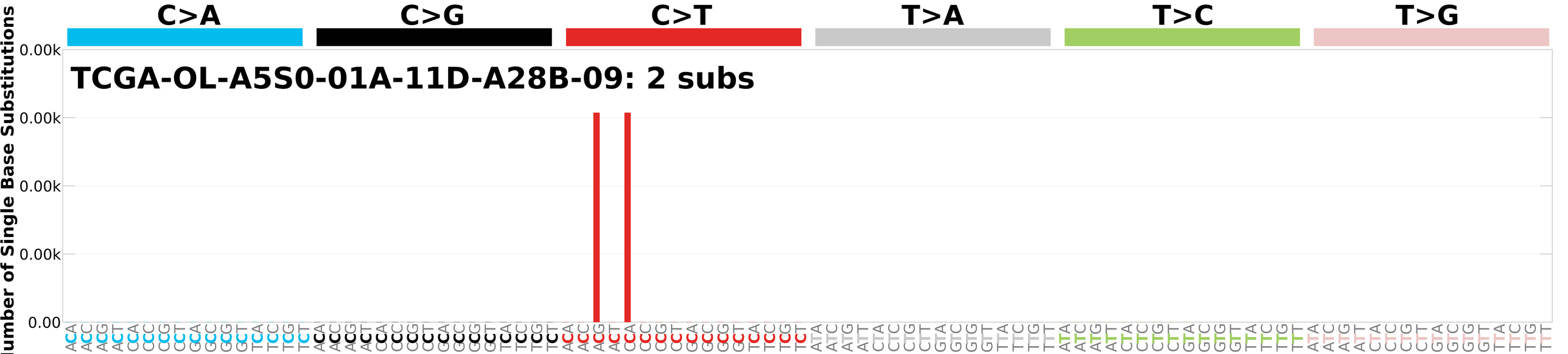
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C>G
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T>C
T>G
TCGA-OL-A5S0-01A-11D-A28B-09: 2 subs
Number of Single Base Substitutions
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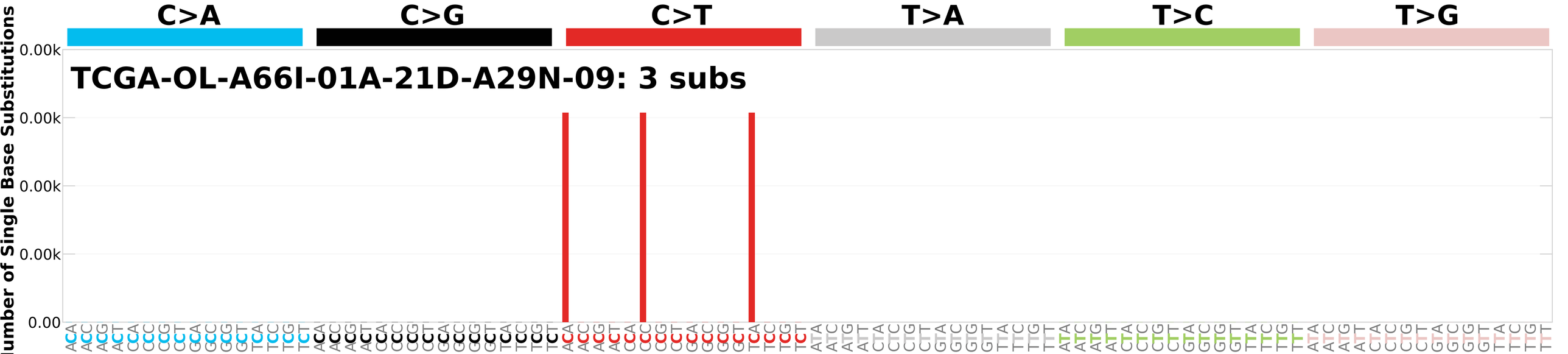
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C>G
C>T
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T>C
T>G
TCGA-OL-A66I-01A-21D-A29N-09: 3 subs
Number of Single Base Substitutions
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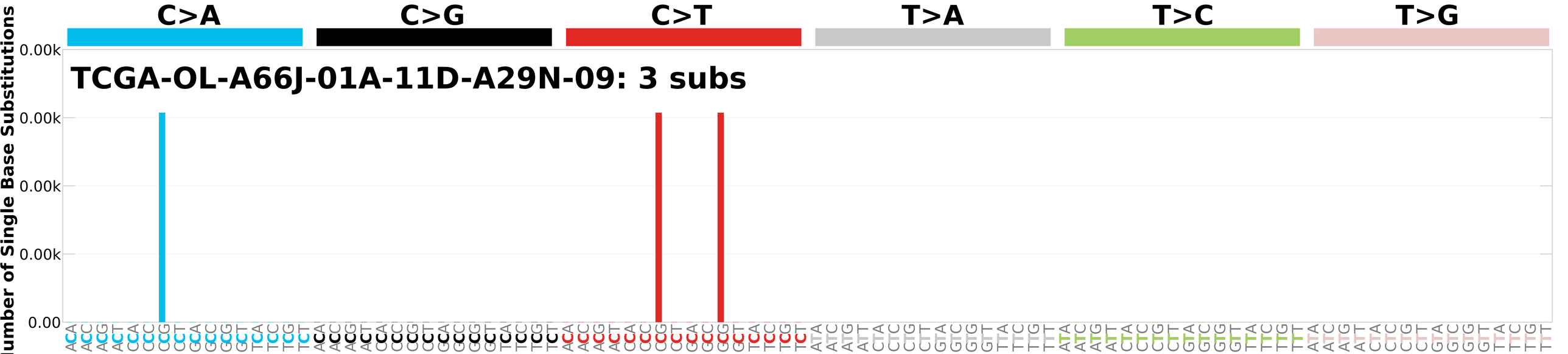
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C>G
C>T
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T>C
T>G
TCGA-OL-A66J-01A-11D-A29N-09: 3 subs
Number of Single Base Substitutions
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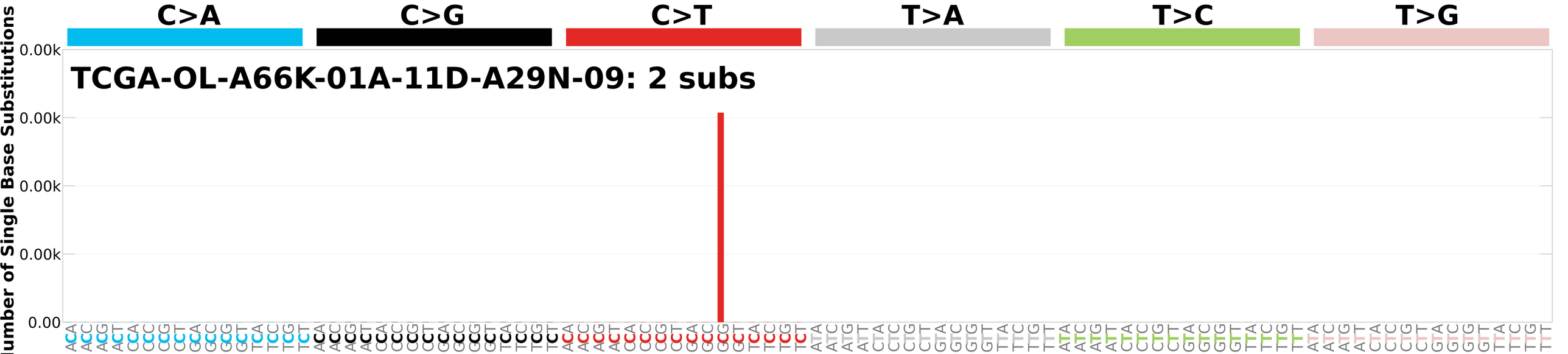
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C>G
C>T
T>A
T>C
T>G
TCGA-OL-A66K-01A-11D-A29N-09: 2 subs
Number of Single Base Substitutions
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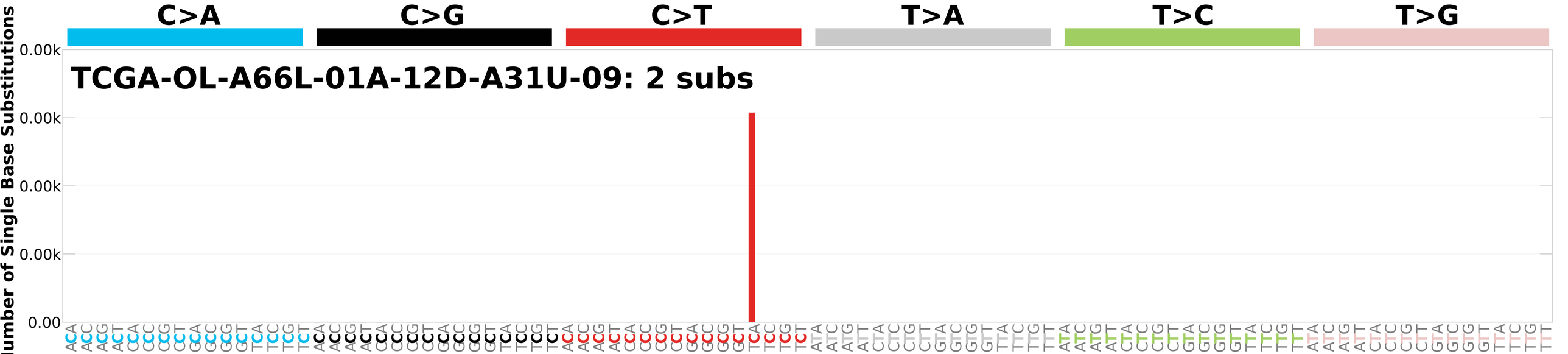
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C>G
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T>C
T>G
TCGA-OL-A66L-01A-12D-A31U-09: 2 subs
Number of Single Base Substitutions
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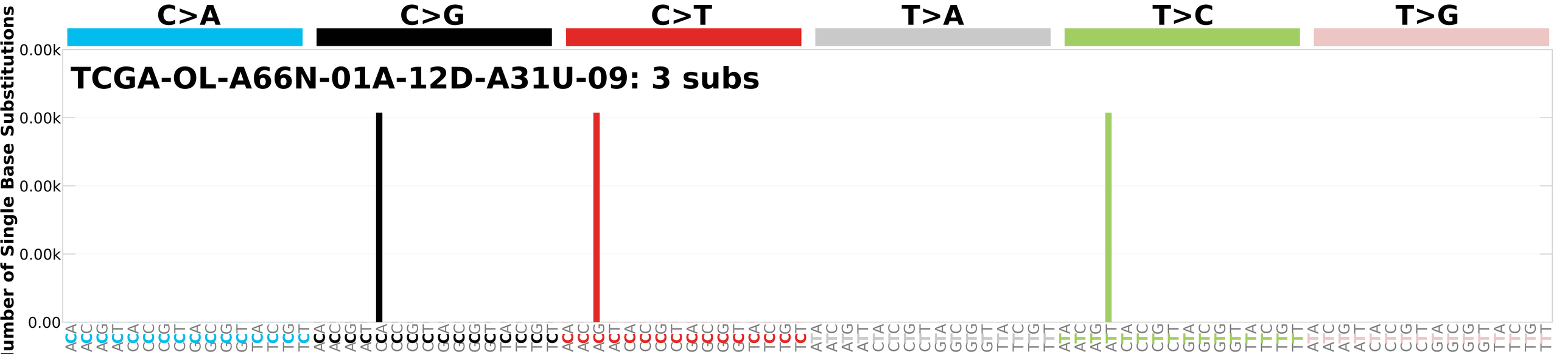
0.00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C>G
C>T
T>A
T>C
T>G
TCGA-OL-A66N-01A-12D-A31U-09: 3 subs
Number of Single Base Substitutions
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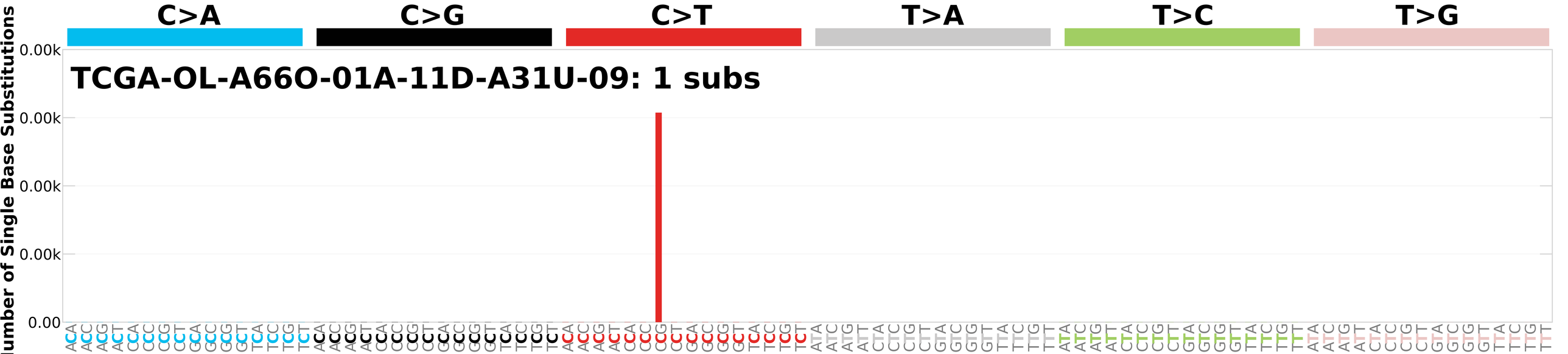
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C>G
C>T
T>A
T>C
T>G
TCGA-OL-A66O-01A-11D-A31U-09: 1 subs
Number of Single Base Substitutions
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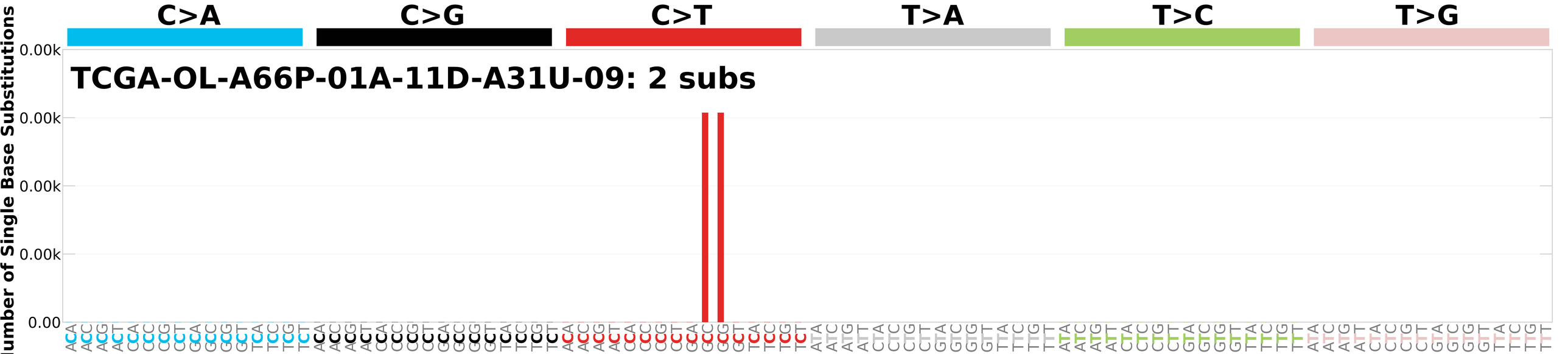
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T>C
T>G
TCGA-OL-A66P-01A-11D-A31U-09: 2 subs
Number of Single Base Substitutions
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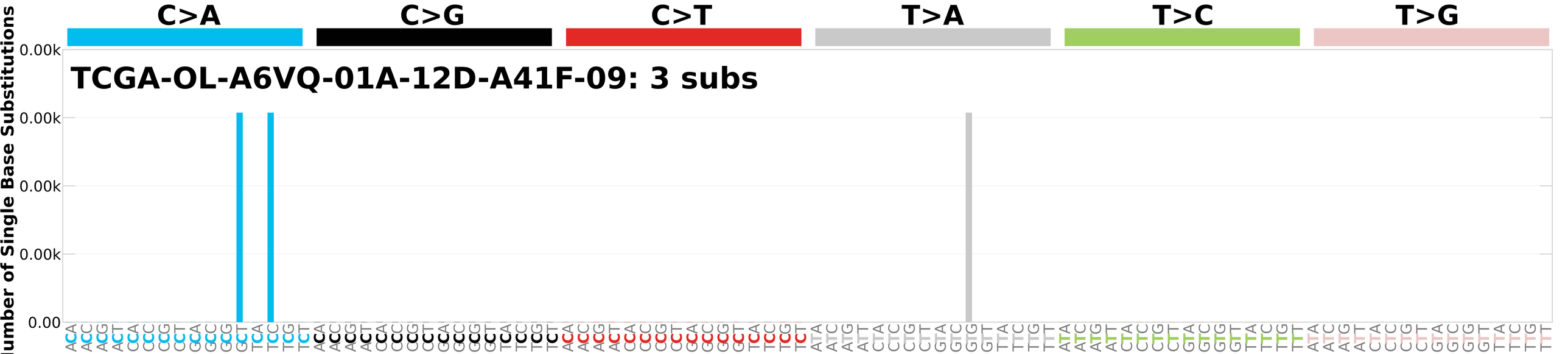
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C>G
C>T
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T>G
TCGA-OL-A6VQ-01A-12D-A41F-09: 3 subs
Number of Single Base Substitutions
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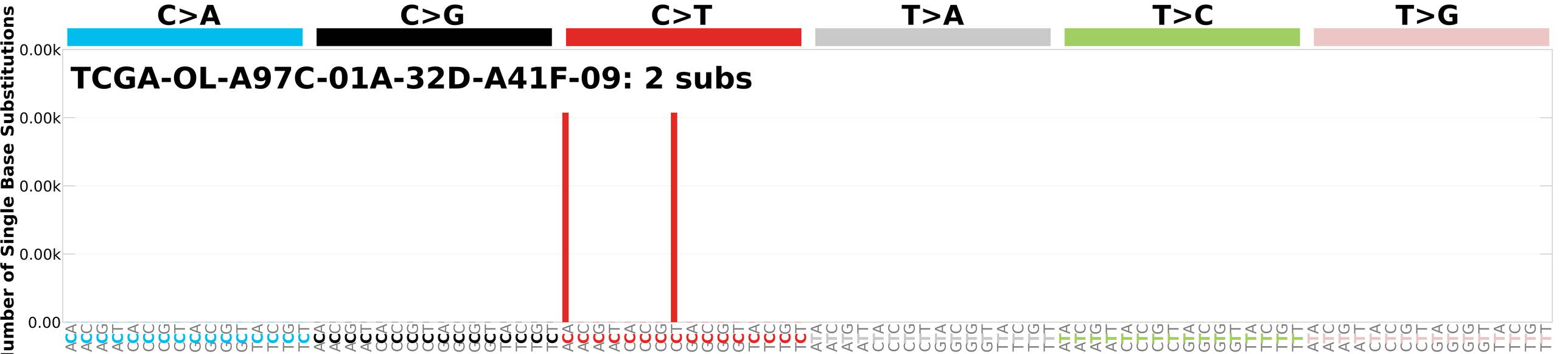
C>A
C>G
C>T
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T>C
T>G
TCGA-OL-A97C-01A-32D-A41F-09: 2 subs
Number of Single Base Substitutions
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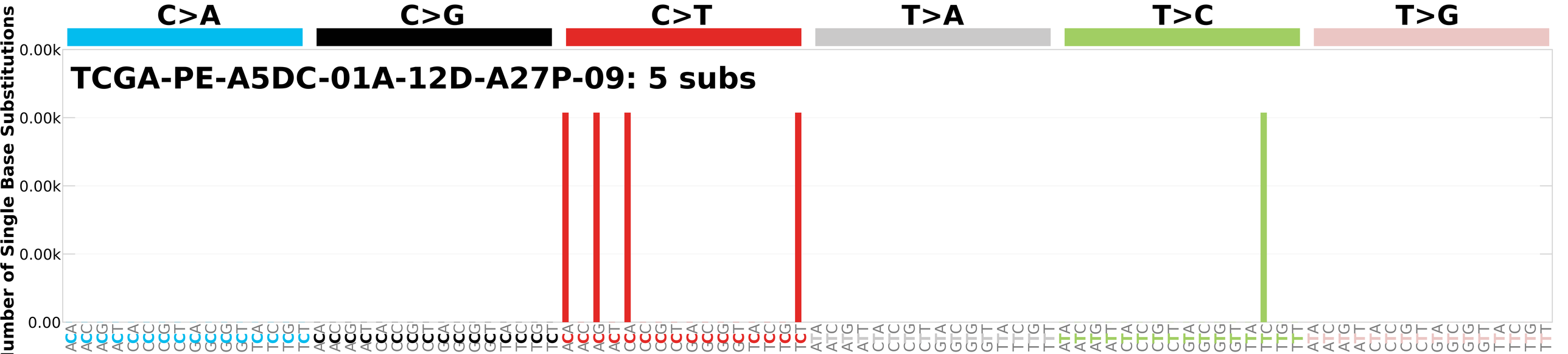
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
TCGA-PE-A5DC-01A-12D-A27P-09: 5 subs
Number of Single Base Substitutions
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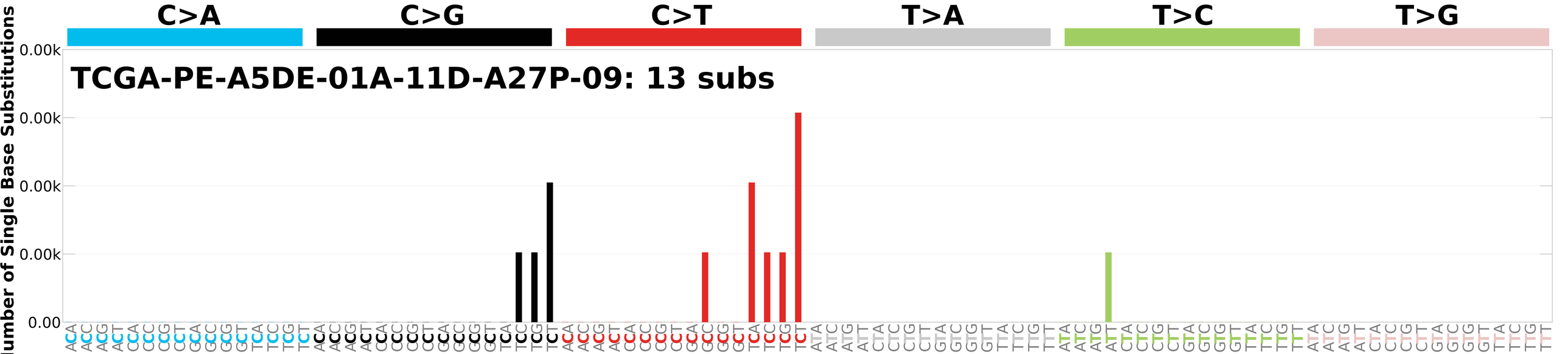
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
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T>C
T>G
TCGA-PE-A5DE-01A-11D-A27P-09: 13 subs
Number of Single Base Substitutions
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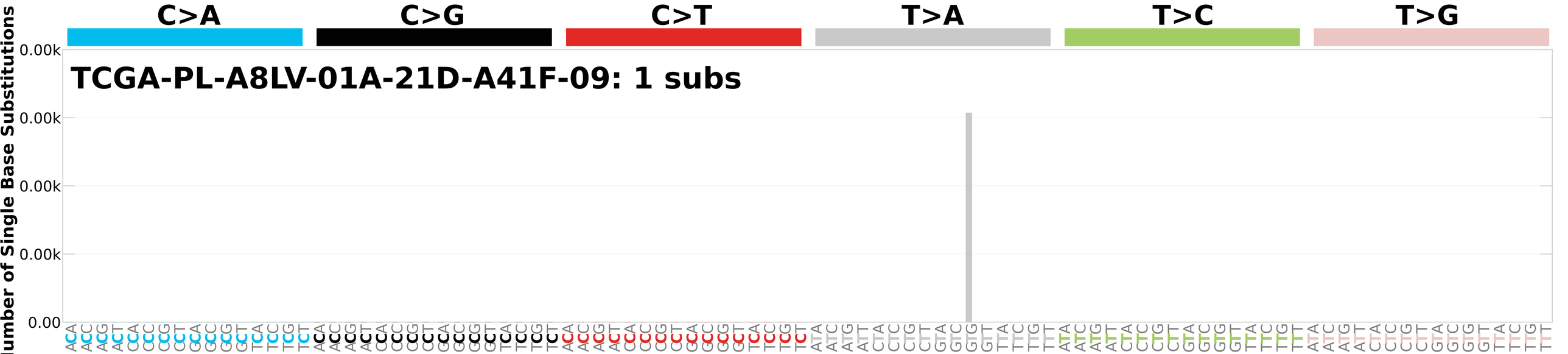
C>A
C>G
C>T
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T>C
T>G
TCGA-PL-A8LV-01A-21D-A41F-09: 1 subs
Number of Single Base Substitutions
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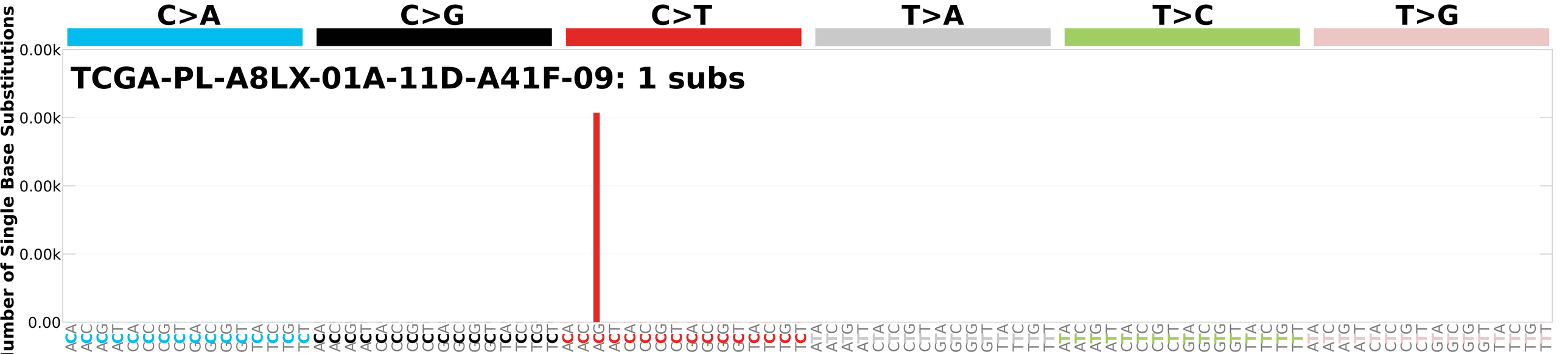
0.00k
0.00k
0.00k
0.00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T>G
TCGA-PL-A8LX-01A-11D-A41F-09: 1 subs
Number of Single Base Substitutions
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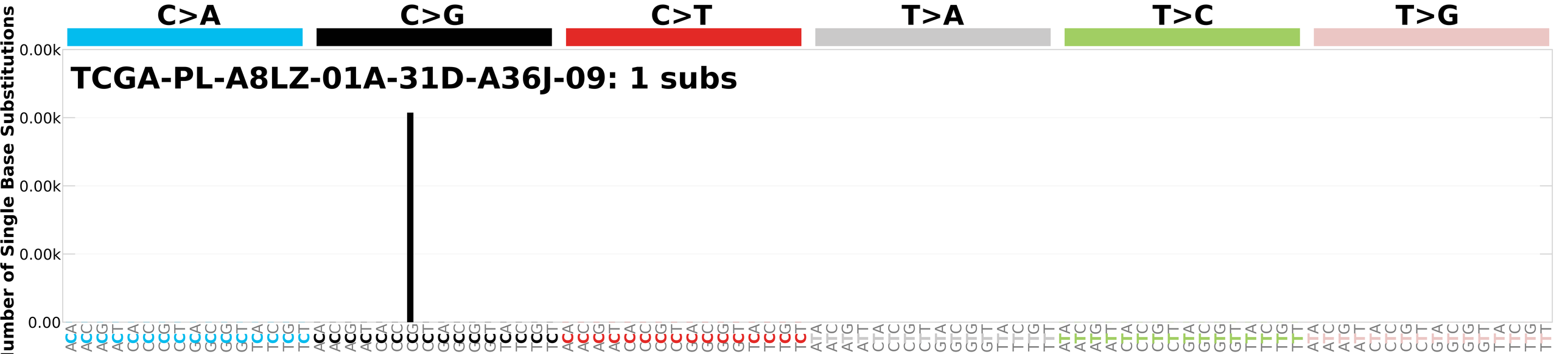
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T>C
T>G
TCGA-PL-A8LZ-01A-31D-A36J-09: 1 subs
Number of Single Base Substitutions
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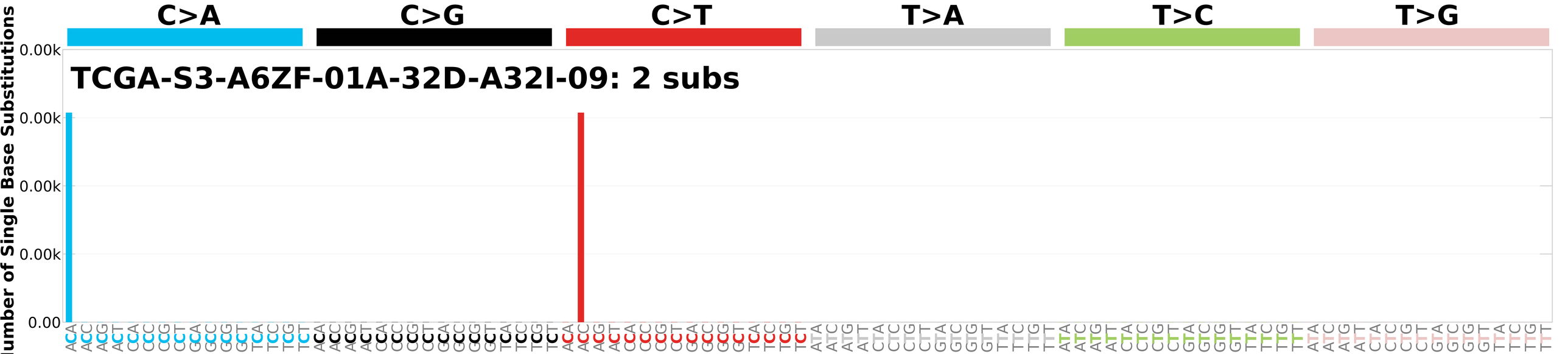
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C>G
C>T
T>A
T>C
T>G
TCGA-S3-A6ZF-01A-32D-A32I-09: 2 subs
Number of Single Base Substitutions
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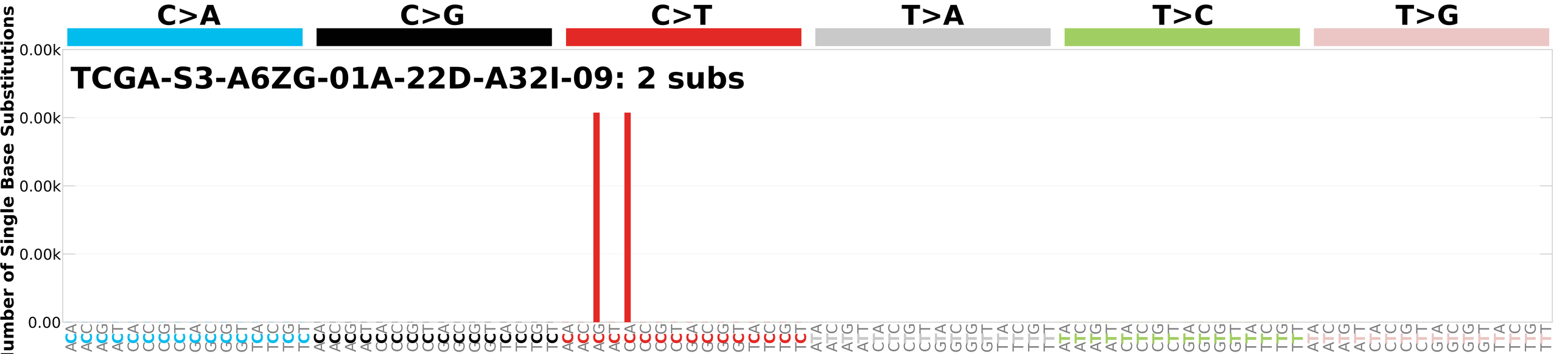
0.00k
0.00k
0.00k
0.00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T>G
TCGA-S3-A6ZG-01A-22D-A32I-09: 2 subs
Number of Single Base Substitutions
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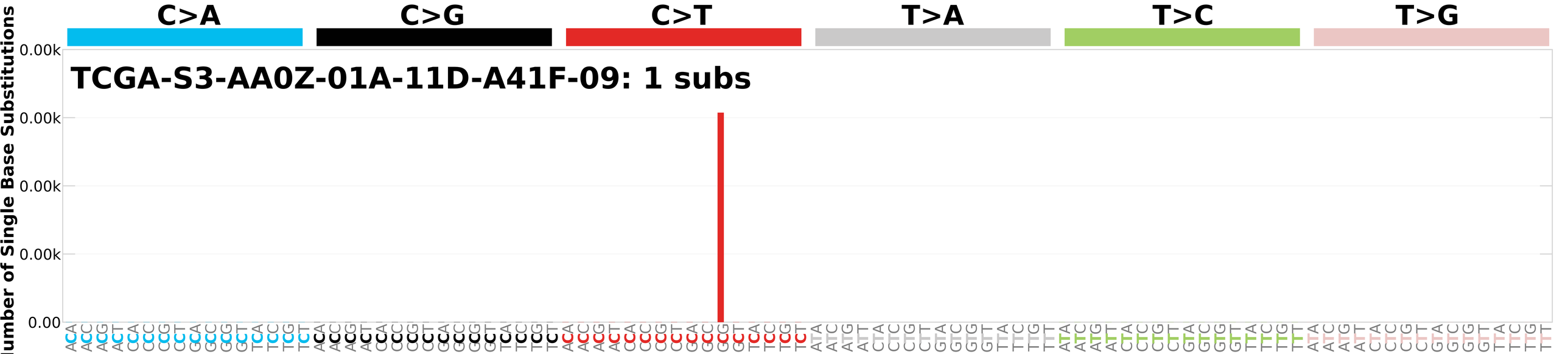
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T>C
T>G
TCGA-S3-AA0Z-01A-11D-A41F-09: 1 subs
Number of Single Base Substitutions
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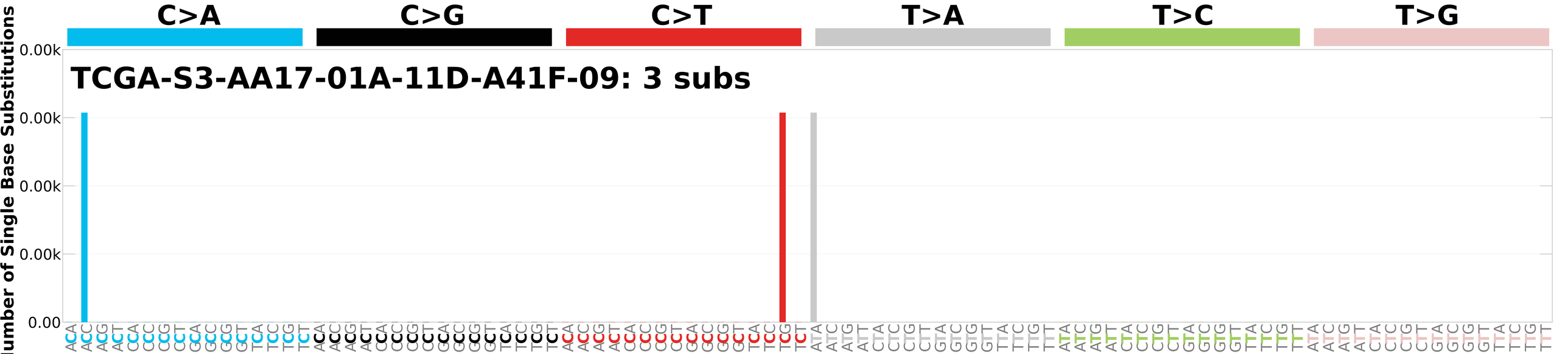
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T>G
TCGA-S3-AA17-01A-11D-A41F-09: 3 subs
Number of Single Base Substitutions
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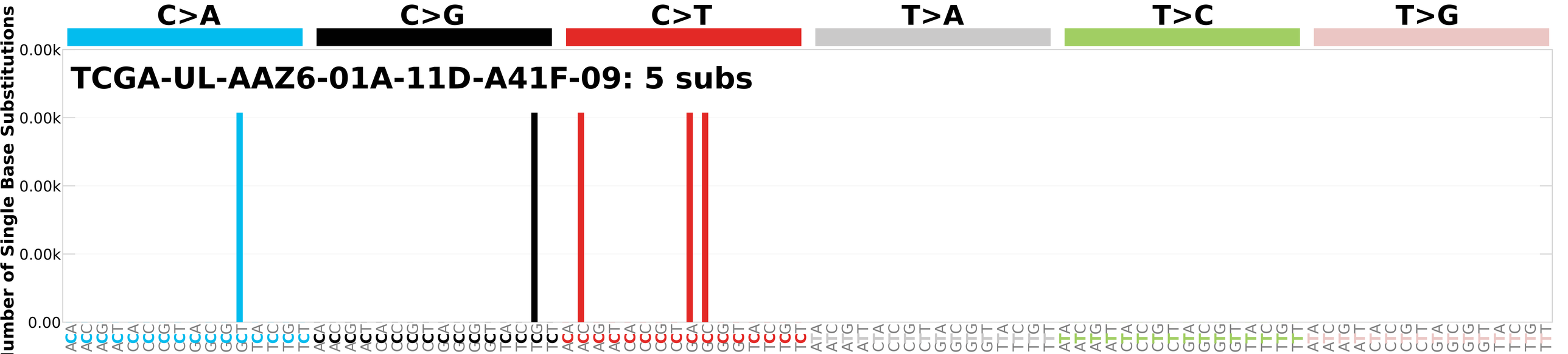
C>A
C>G
C>T
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T>G
TCGA-UL-AAZ6-01A-11D-A41F-09: 5 subs
Number of Single Base Substitutions
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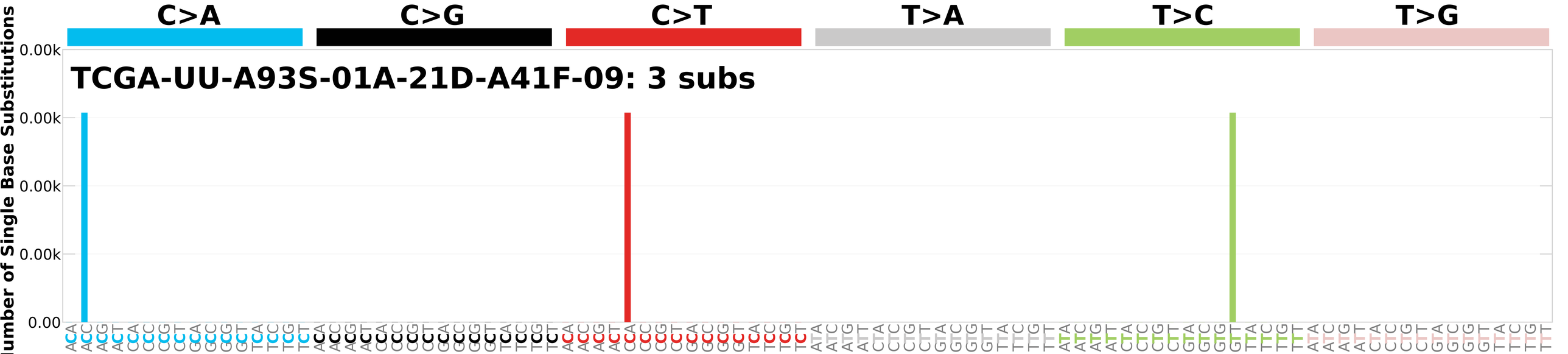
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T>G
TCGA-UU-A93S-01A-21D-A41F-09: 3 subs
Number of Single Base Substitutions
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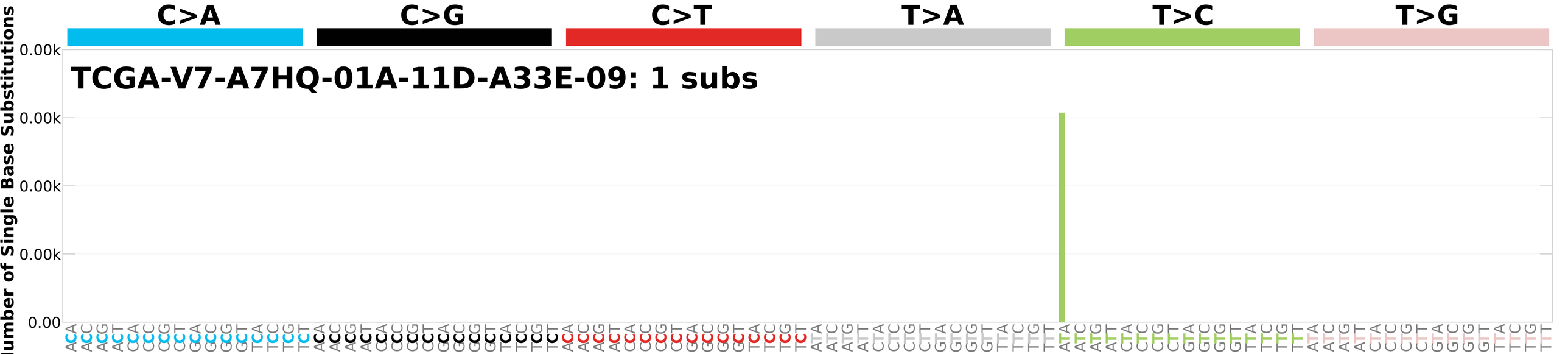
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C>G
C>T
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T>C
T>G
TCGA-V7-A7HQ-01A-11D-A33E-09: 1 subs
Number of Single Base Substitutions
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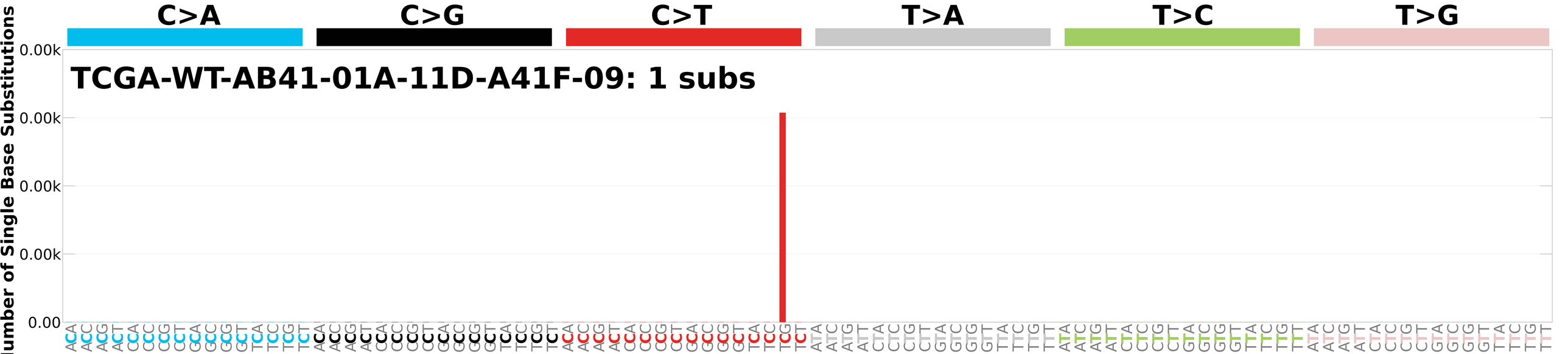
C>A
C>G
C>T
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T>C
T>G
TCGA-WT-AB41-01A-11D-A41F-09: 1 subs
Number of Single Base Substitutions
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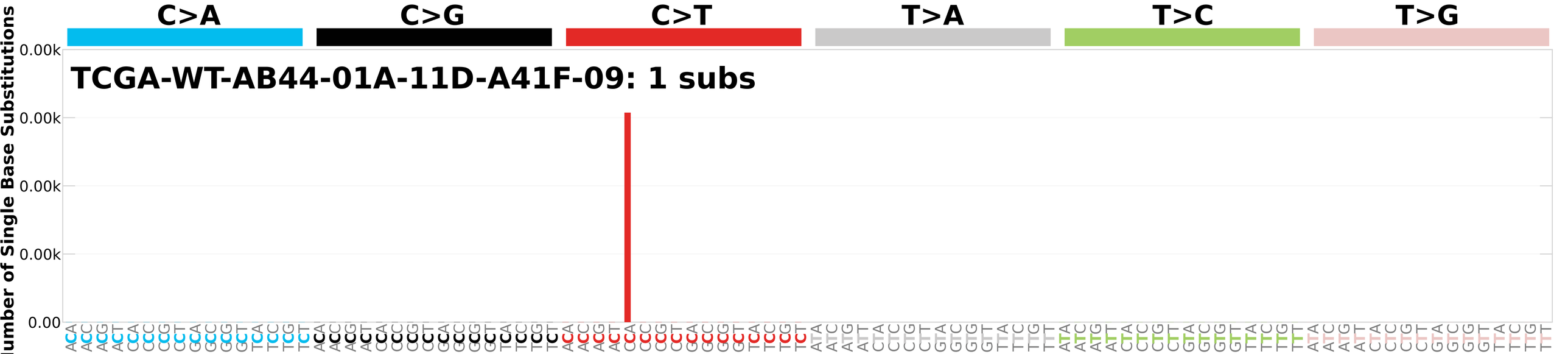
C>A
C>G
C>T
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T>C
T>G
TCGA-WT-AB44-01A-11D-A41F-09: 1 subs
Number of Single Base Substitutions
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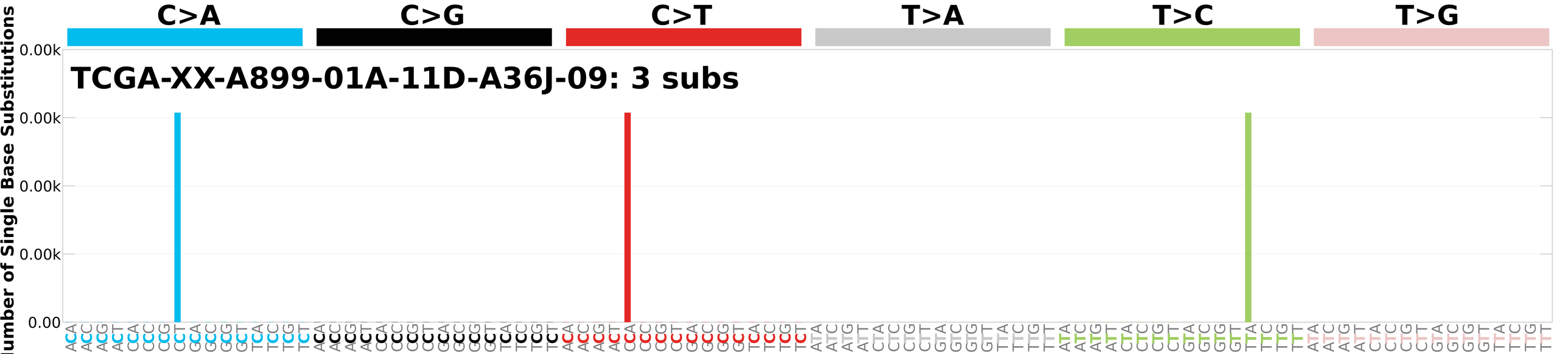
C>A
C>G
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T>C
T>G
TCGA-XX-A899-01A-11D-A36J-09: 3 subs
Number of Single Base Substitutions
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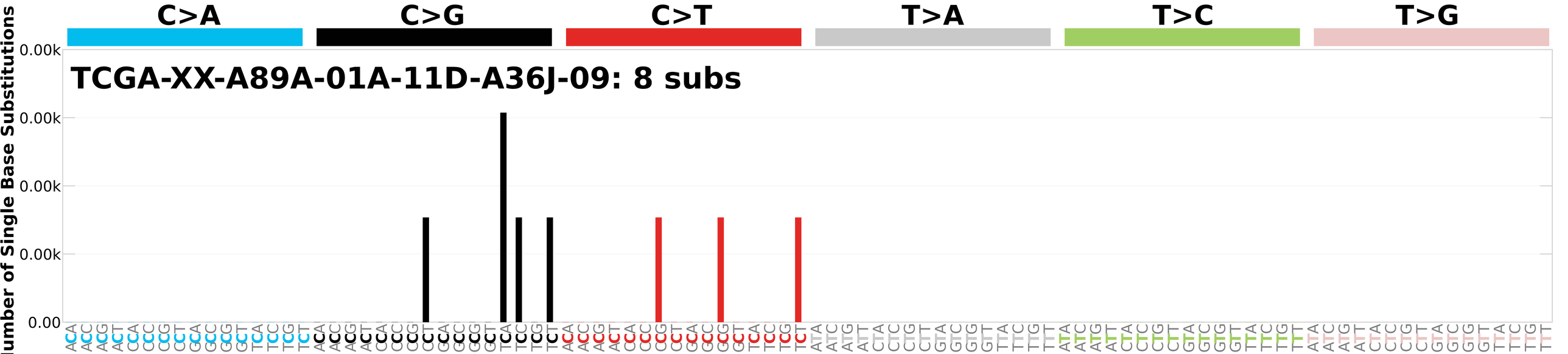
C>A
C>G
C>T
T>A
T>C
T>G
TCGA-XX-A89A-01A-11D-A36J-09: 8 subs
Number of Single Base Substitutions
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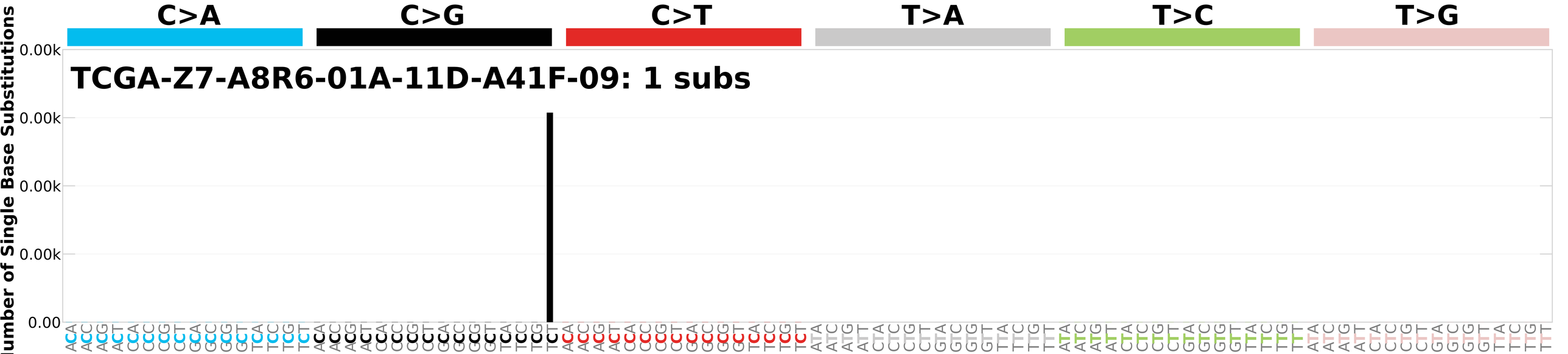
C>A
C>G
C>T
T>A
T>C
T>G
TCGA-Z7-A8R6-01A-11D-A41F-09: 1 subs
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00