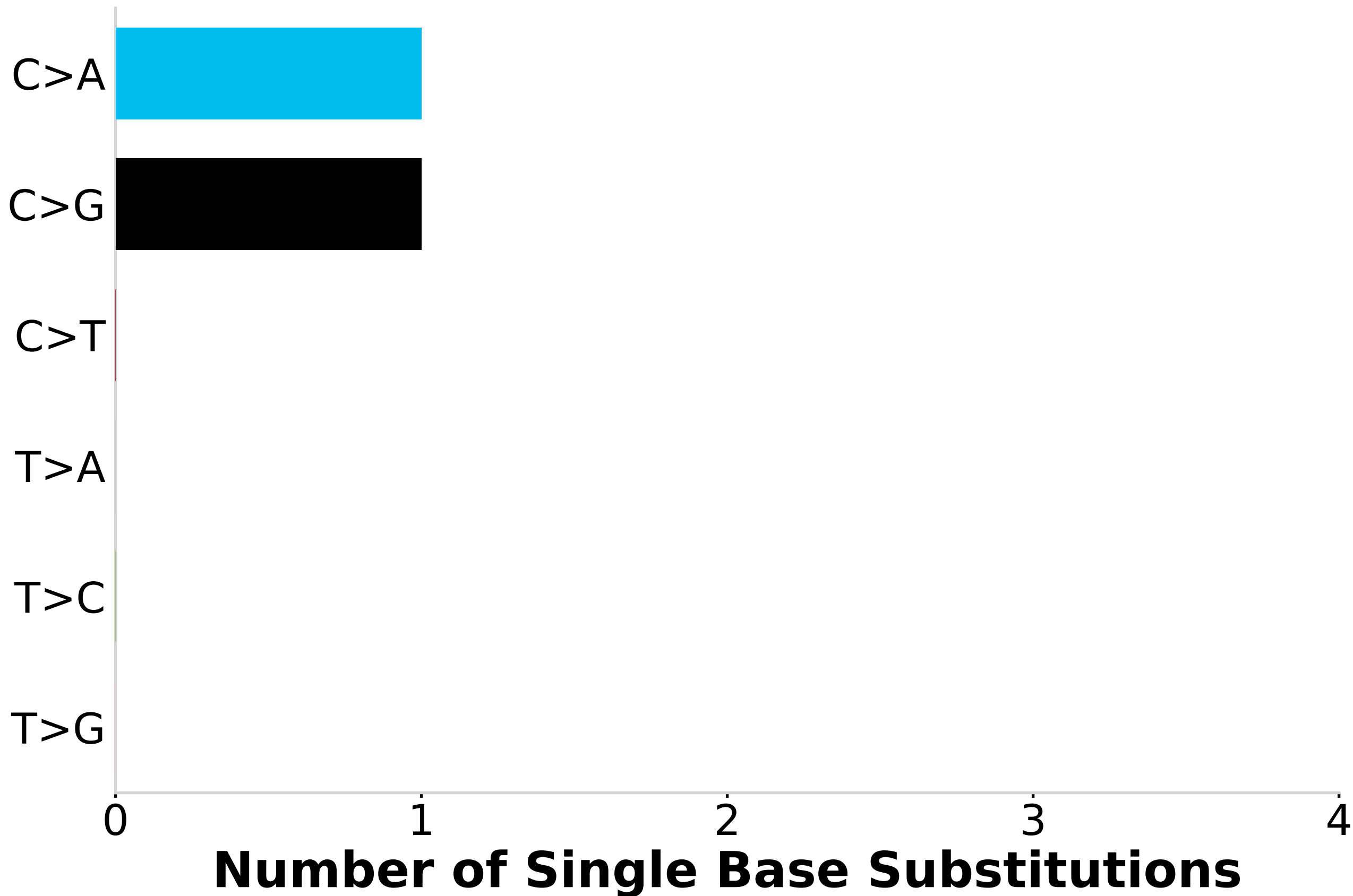
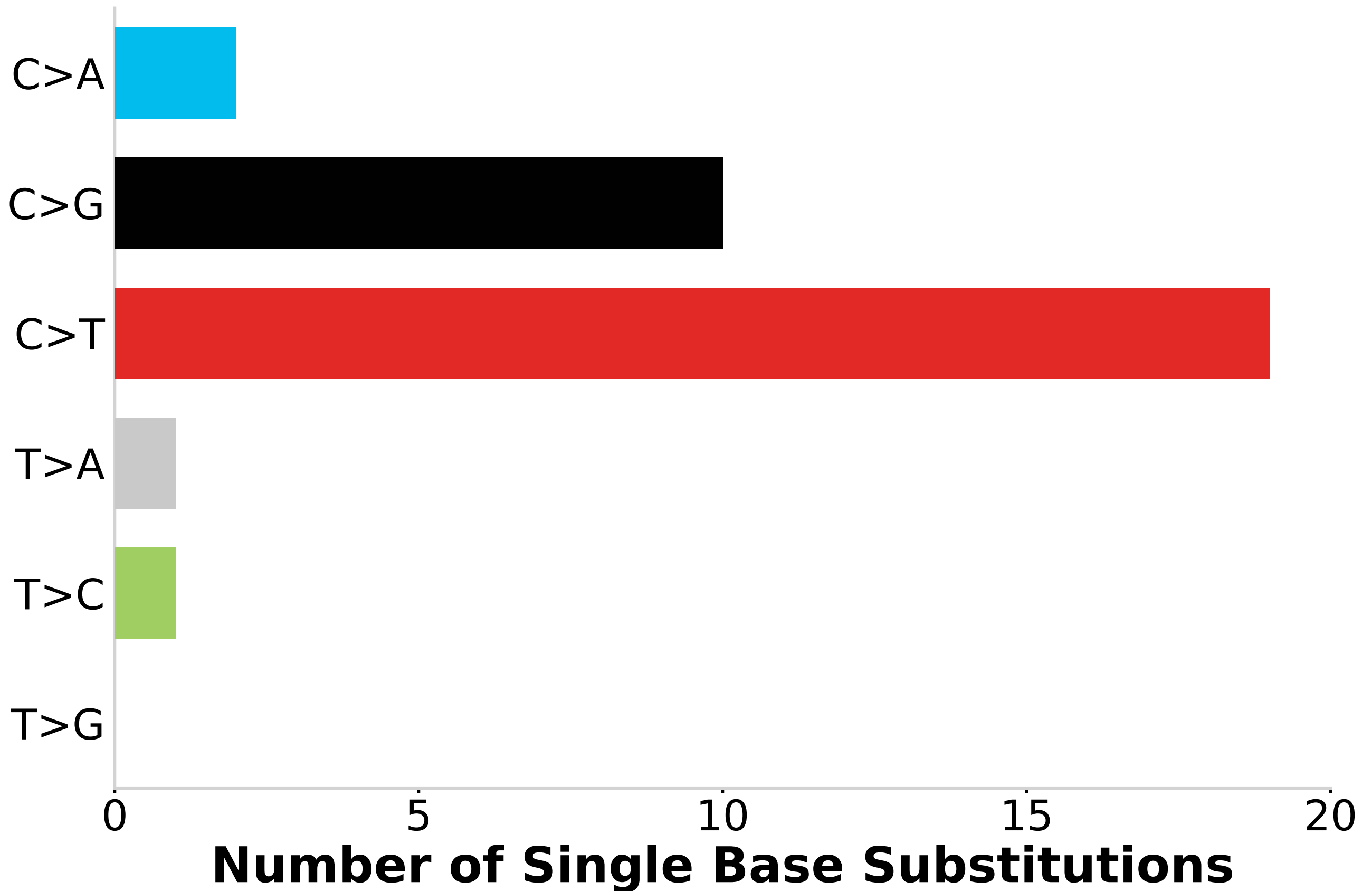


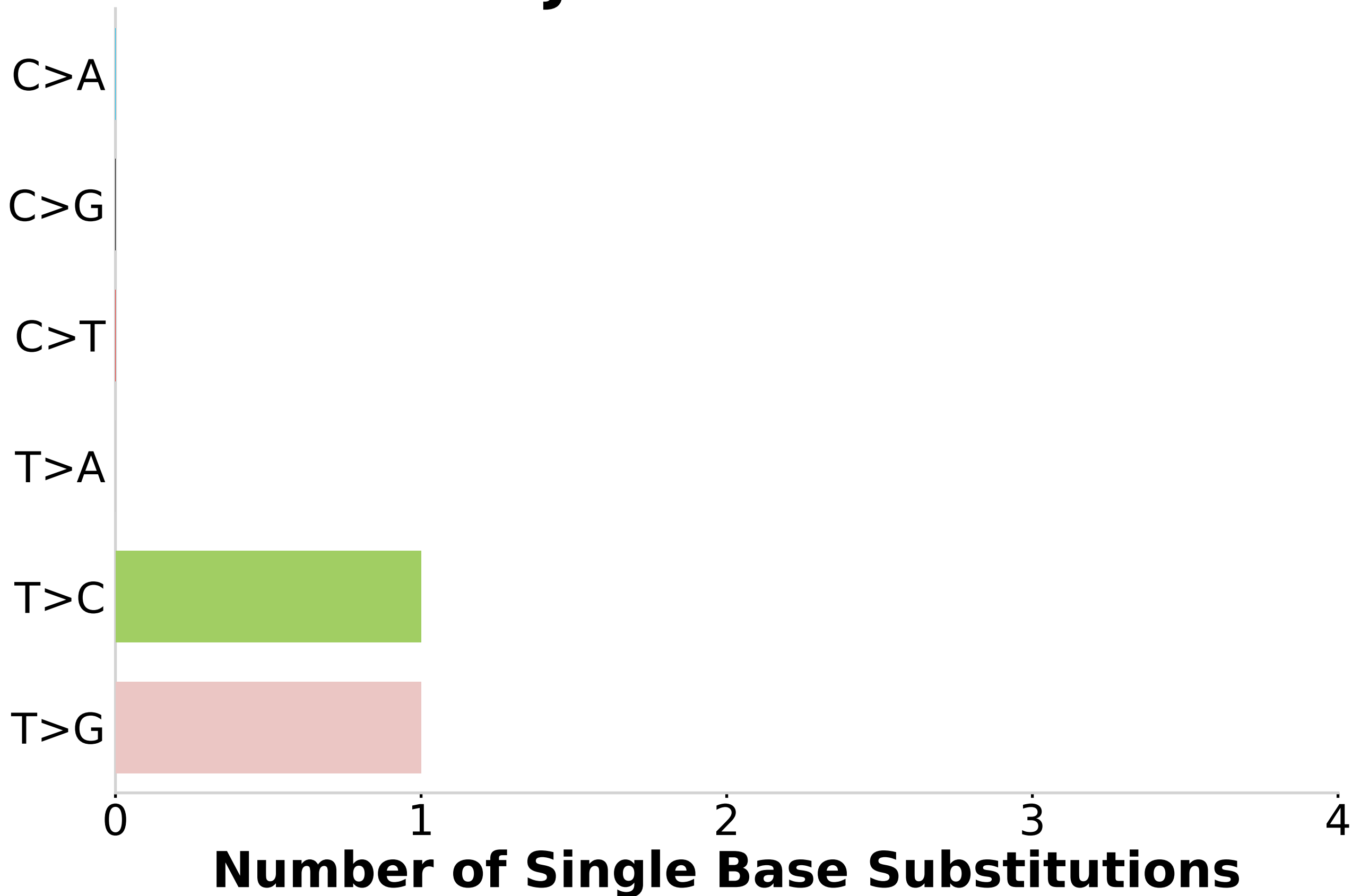
TCGA-3C-AAAU-01A-11D-A41F-09: 2 subs



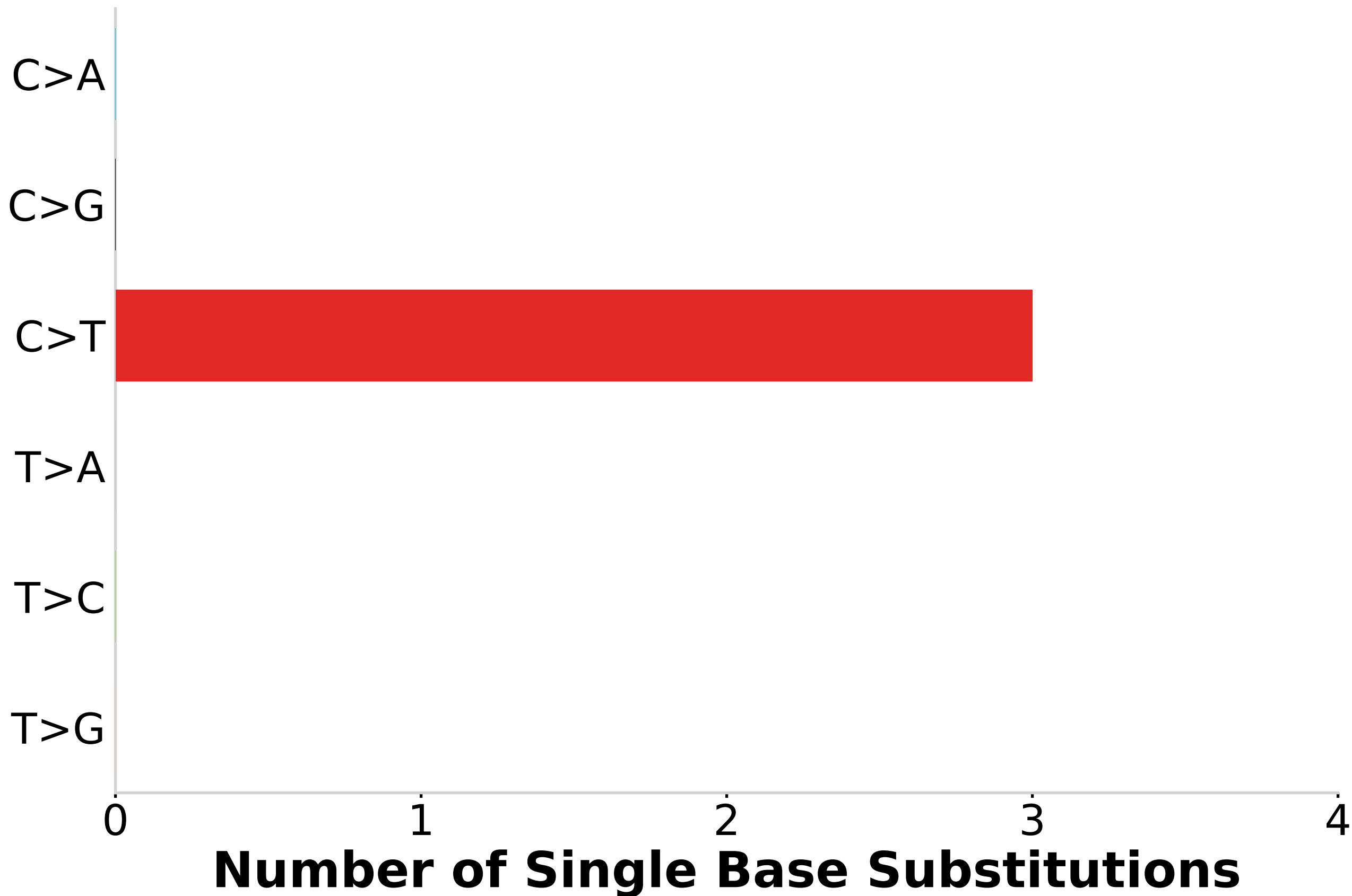
TCGA-3C-AALI-01A-11D-A41F-09: 33 subs



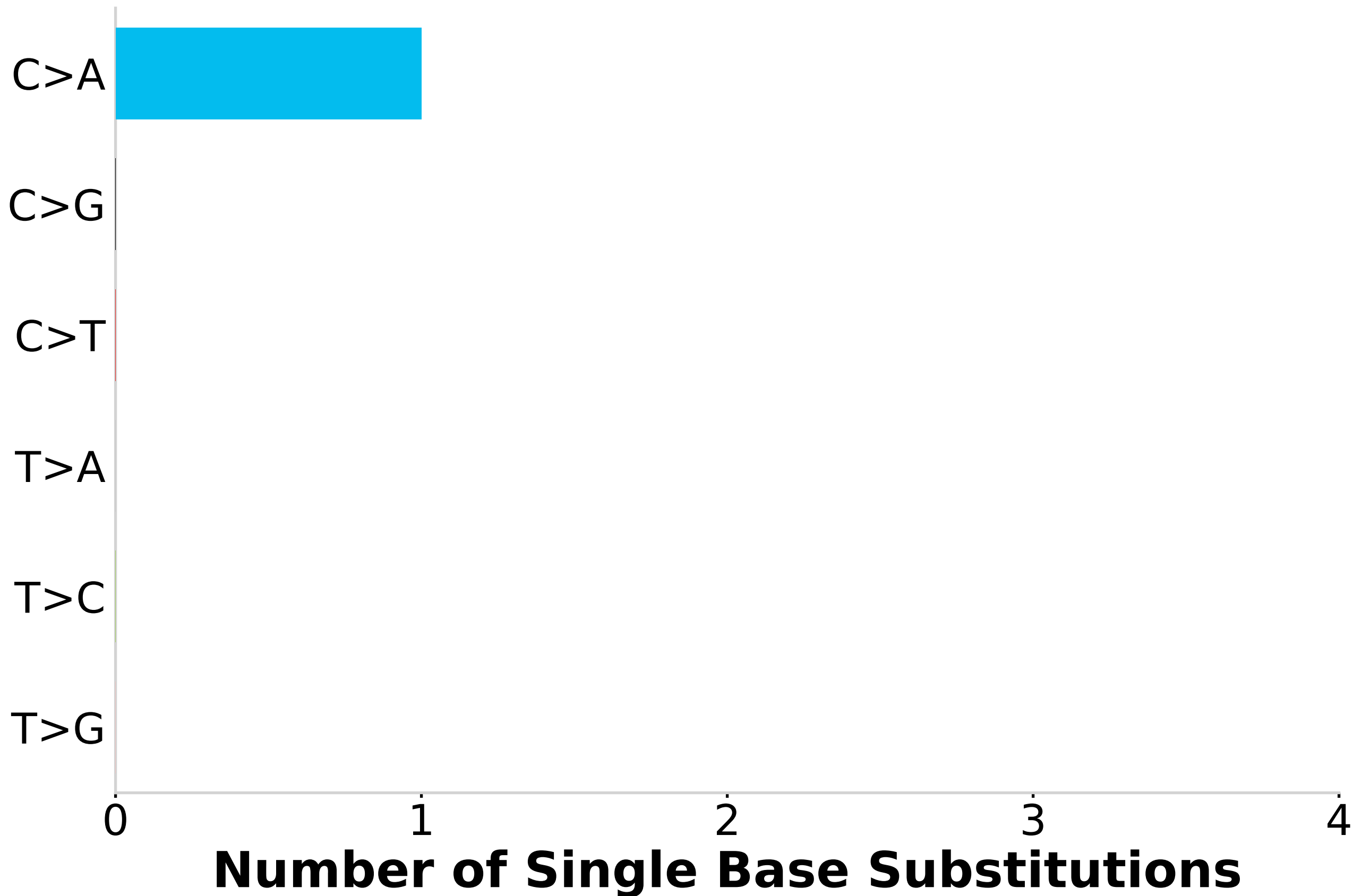
TCGA-3C-AALJ-01A-31D-A41F-09: 2 subs



TCGA-3C-AALK-01A-11D-A41F-09: 3 subs



TCGA-4H-AAAK-01A-12D-A41F-09: 1 subs



TCGA-5L-AAT0-01A-12D-A41F-09: 9 subs

C>A

C>G

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T>A

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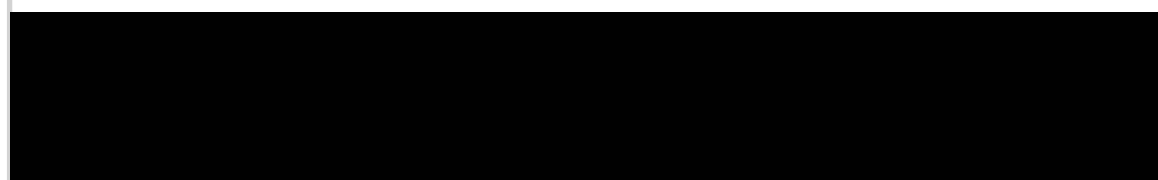
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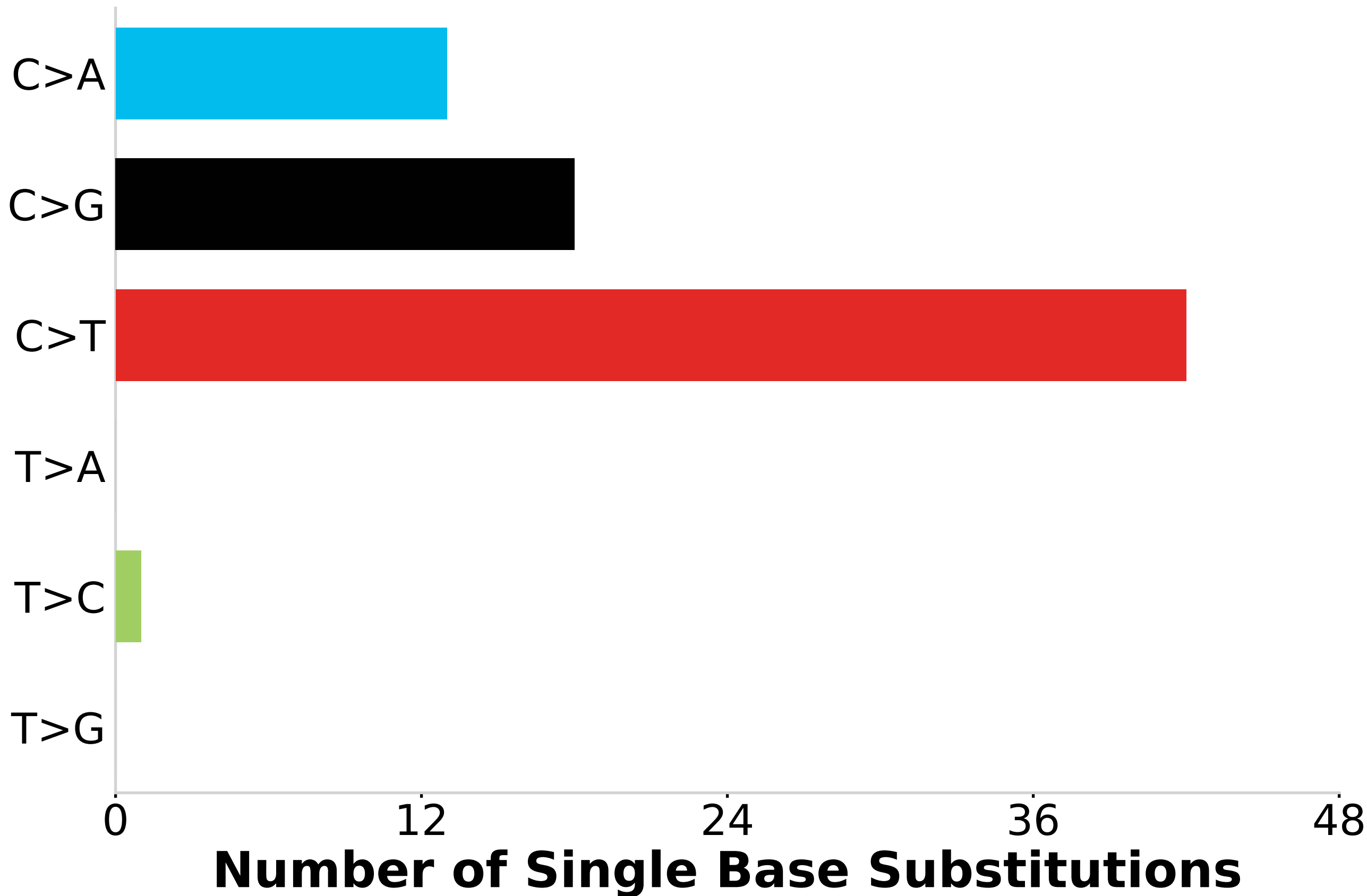
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8

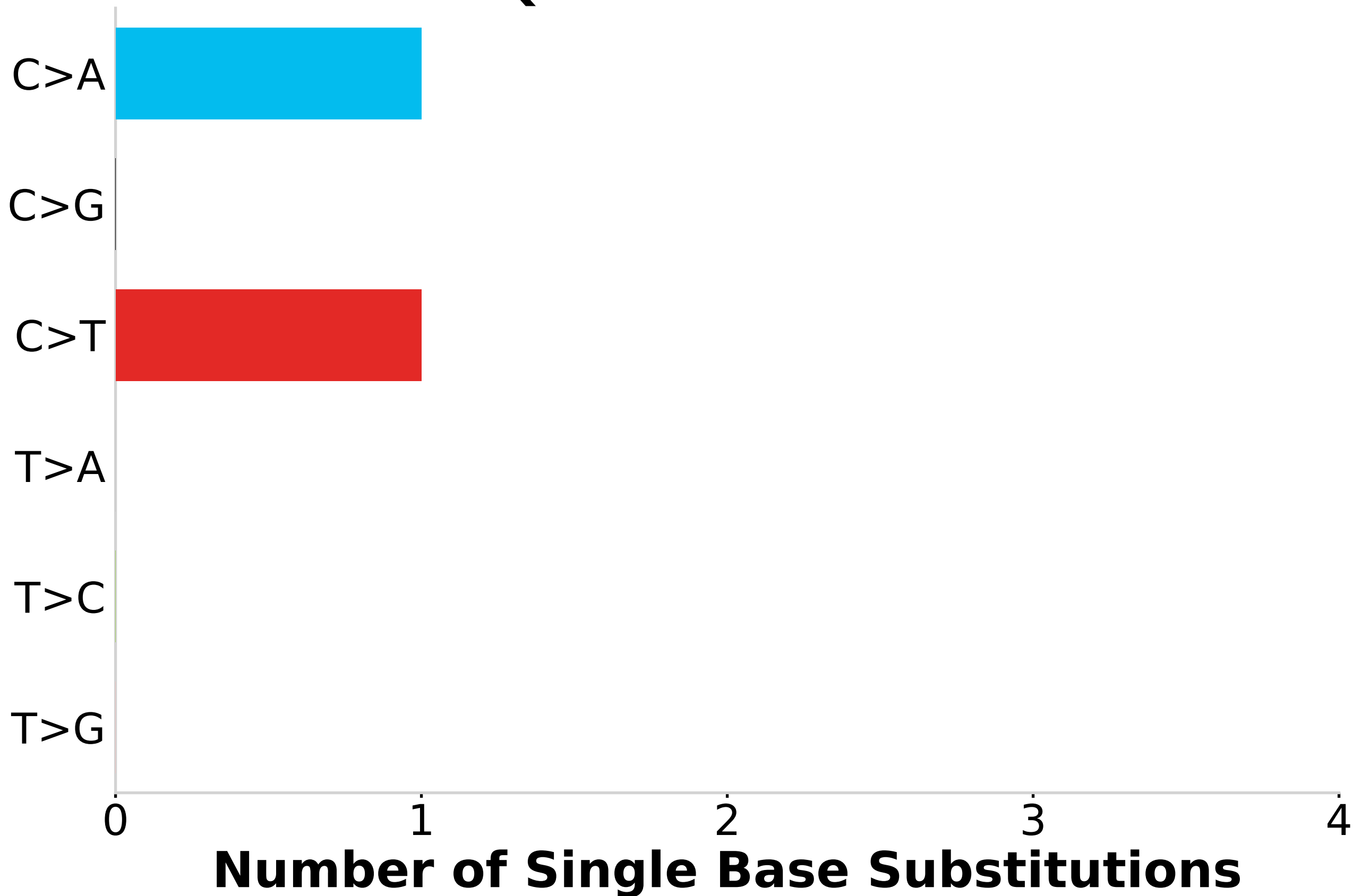
Number of Single Base Substitutions



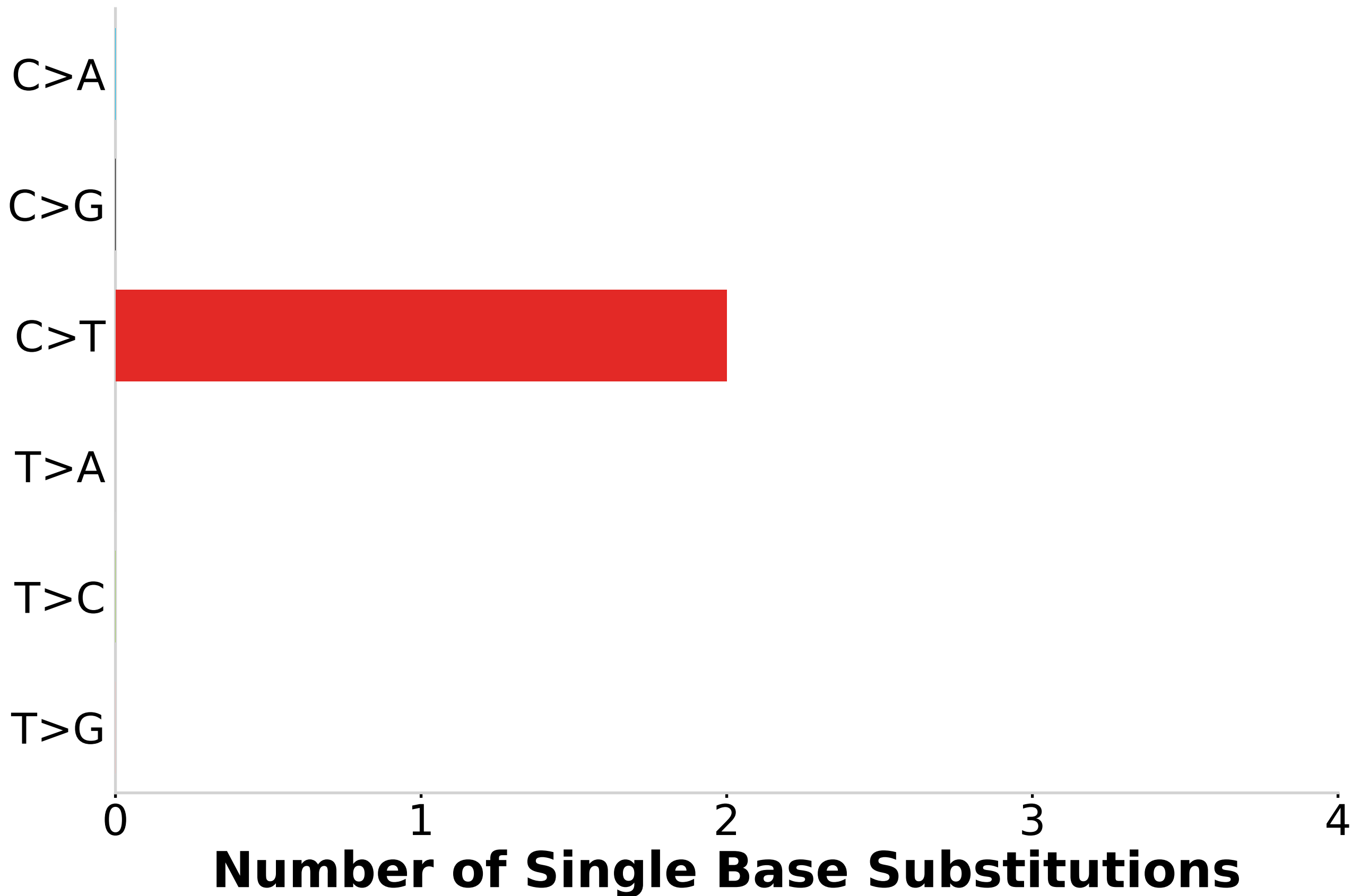
TCGA-5L-AAT1-01A-12D-A41F-09: 74 subs



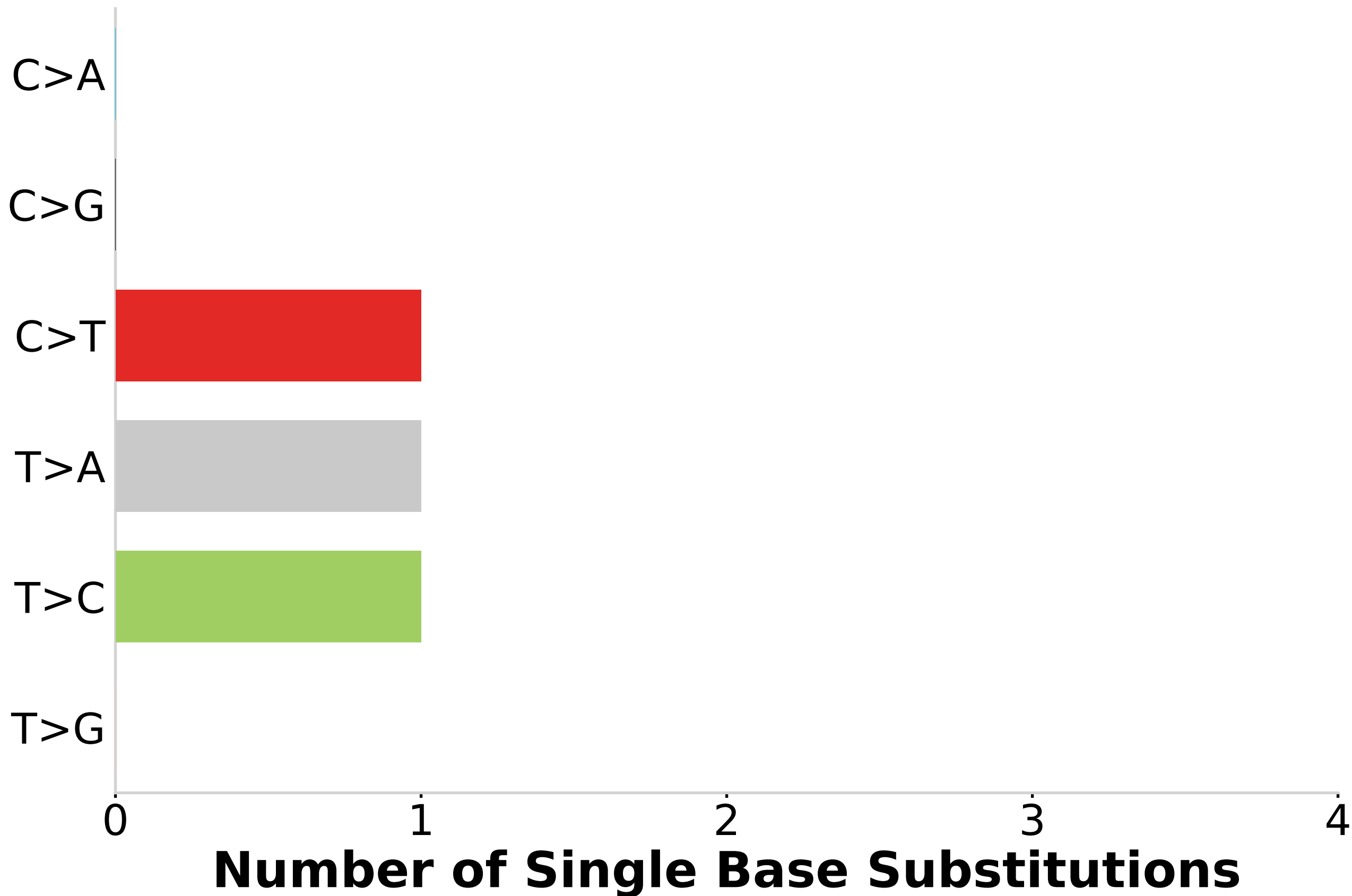
TCGA-5T-A9QA-01A-11D-A41F-09: 2 subs



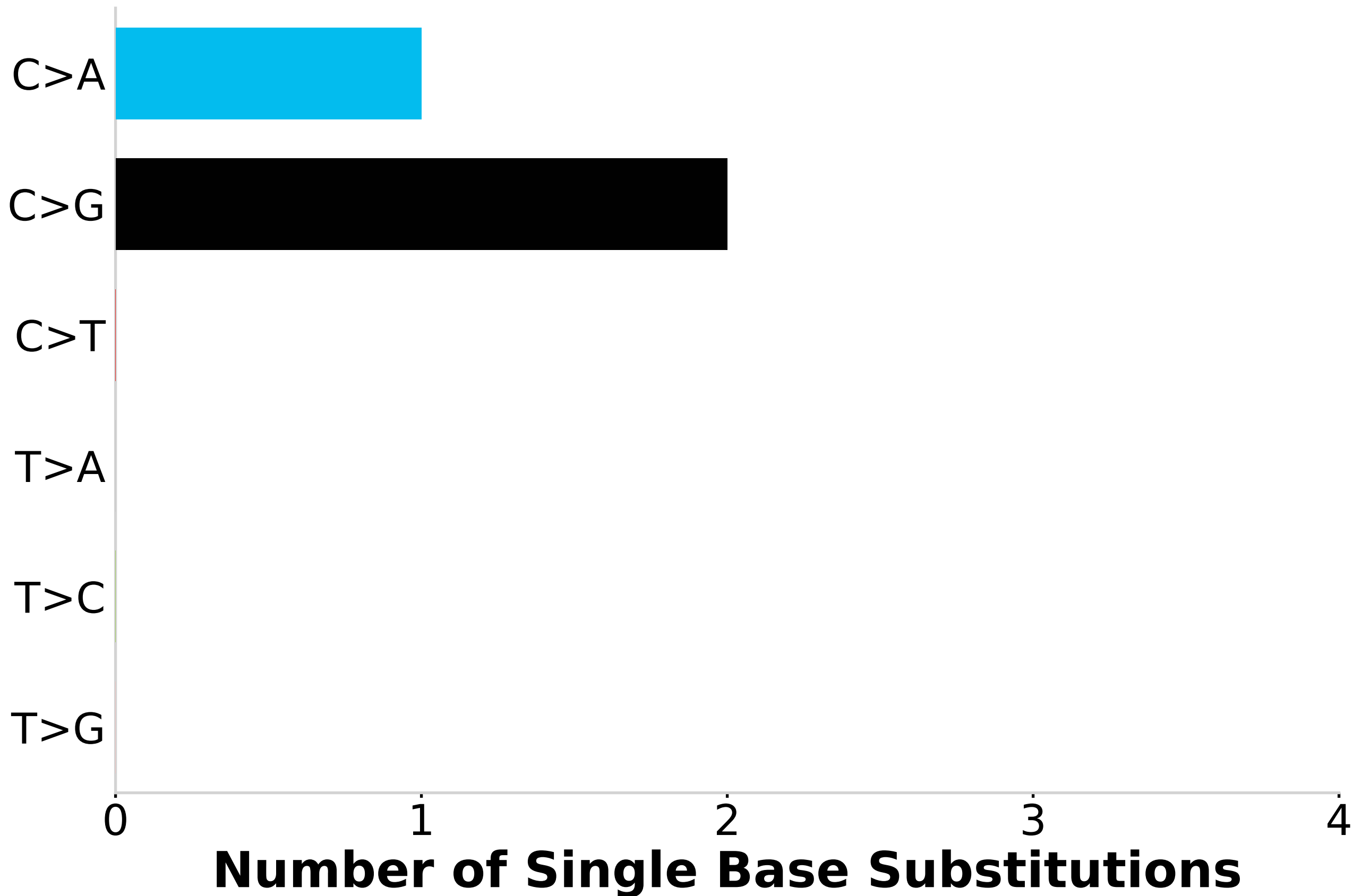
TCGA-A1-A0SF-01A-11D-A142-09: 2 subs



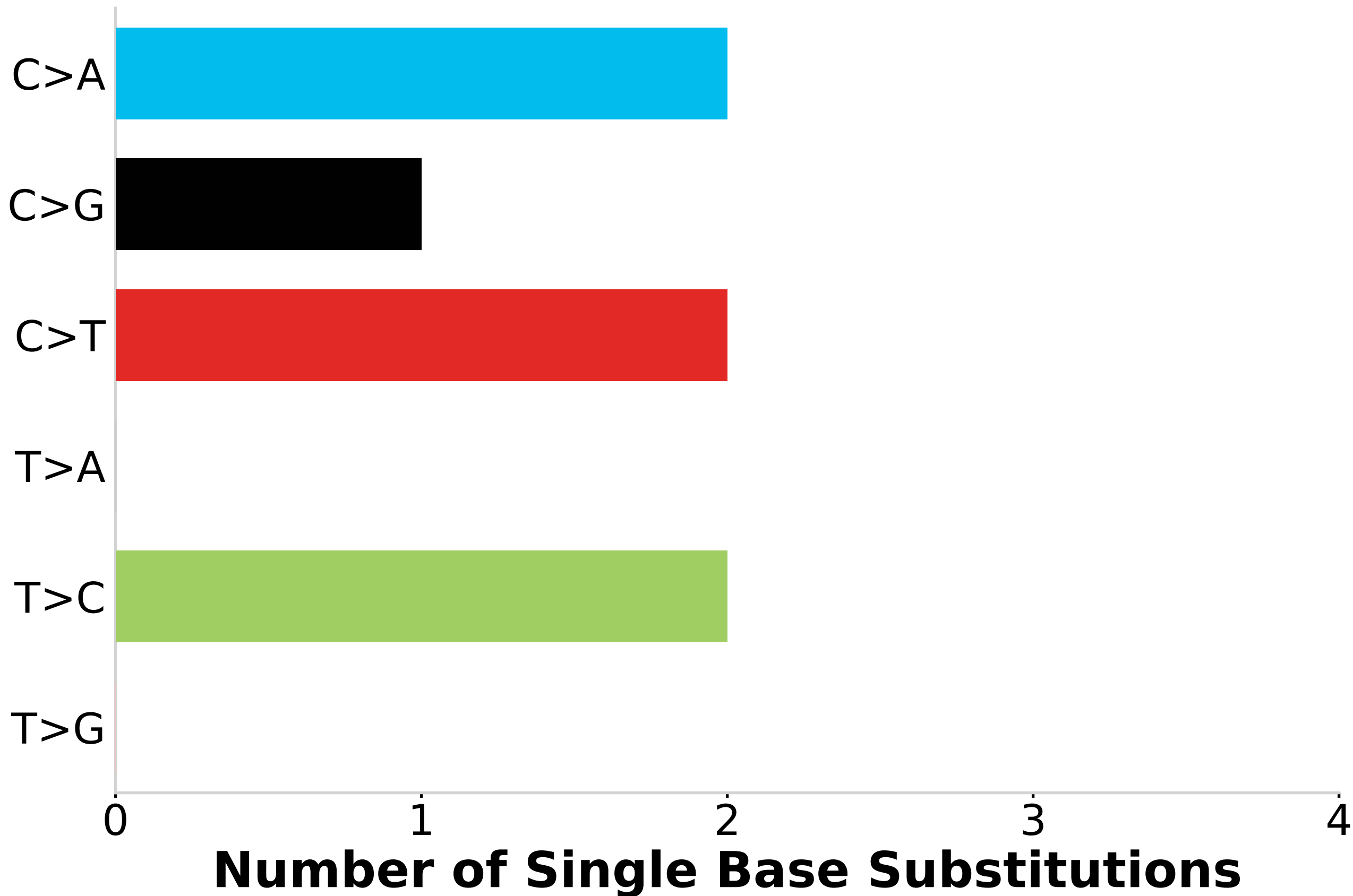
TCGA-A1-A0SG-01A-11D-A142-09: 3 subs



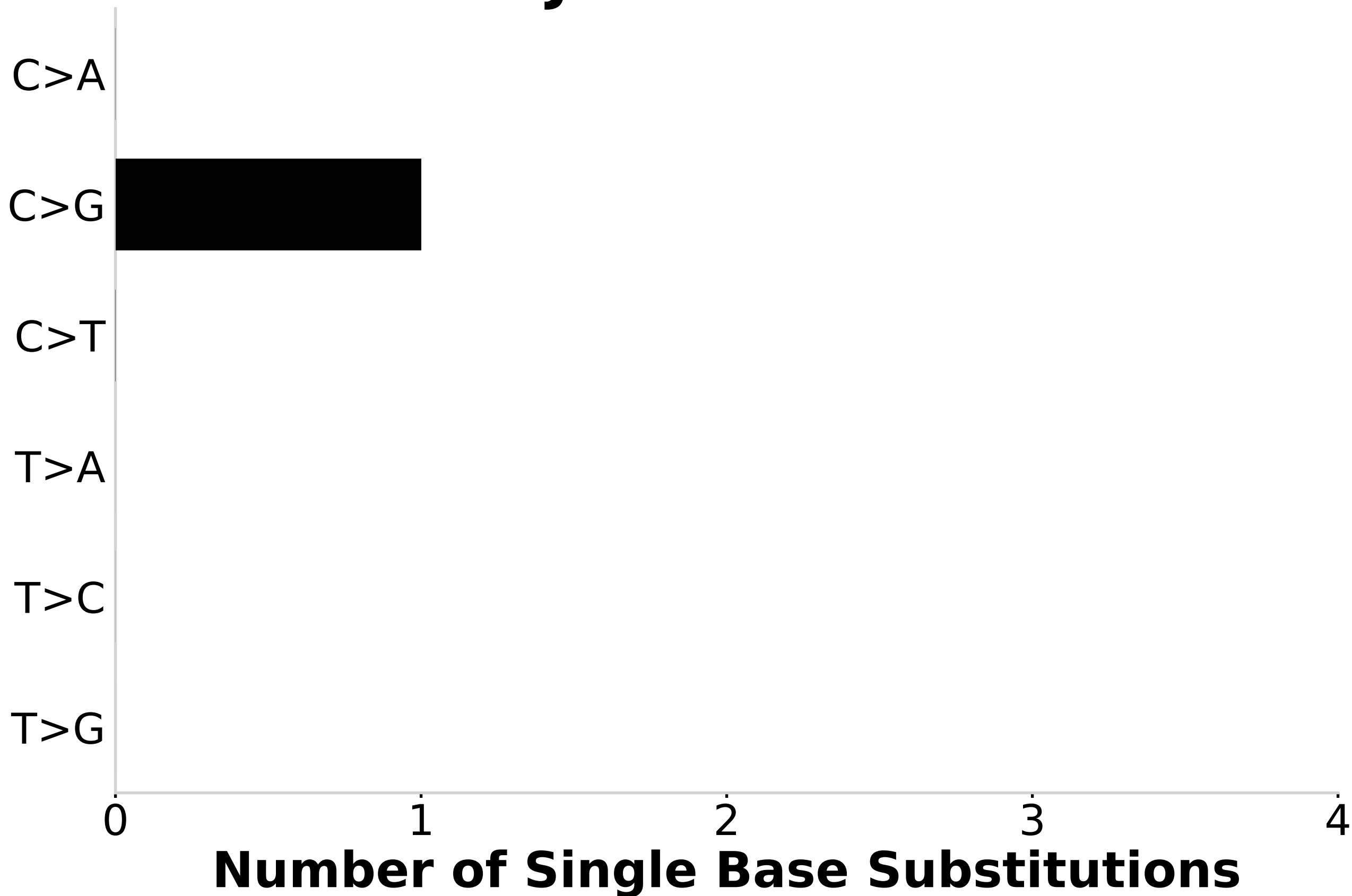
TCGA-A1-A0SH-01A-11D-A099-09: 3 subs



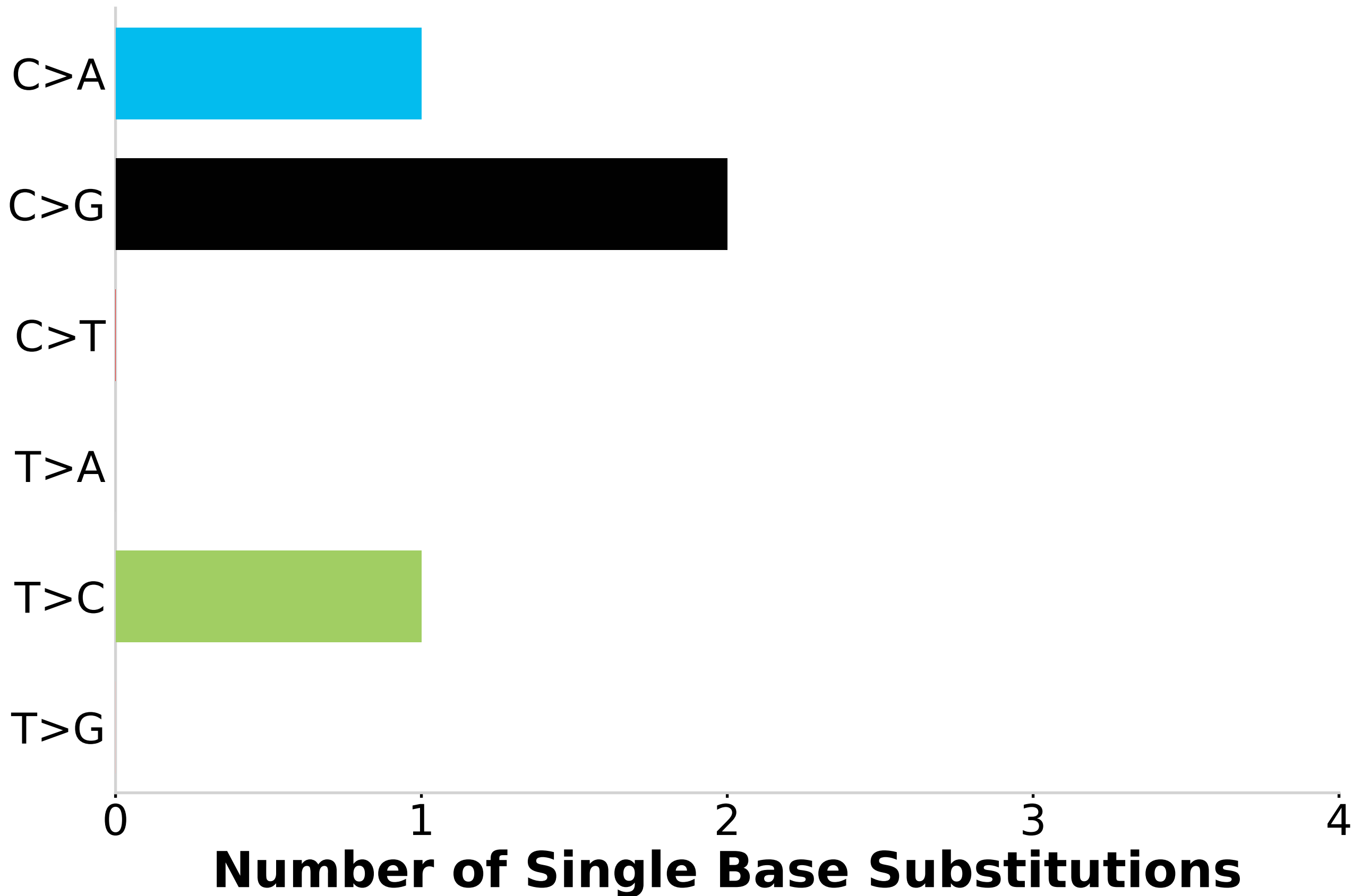
TCGA-A1-A0SI-01A-11D-A142-09: 7 subs



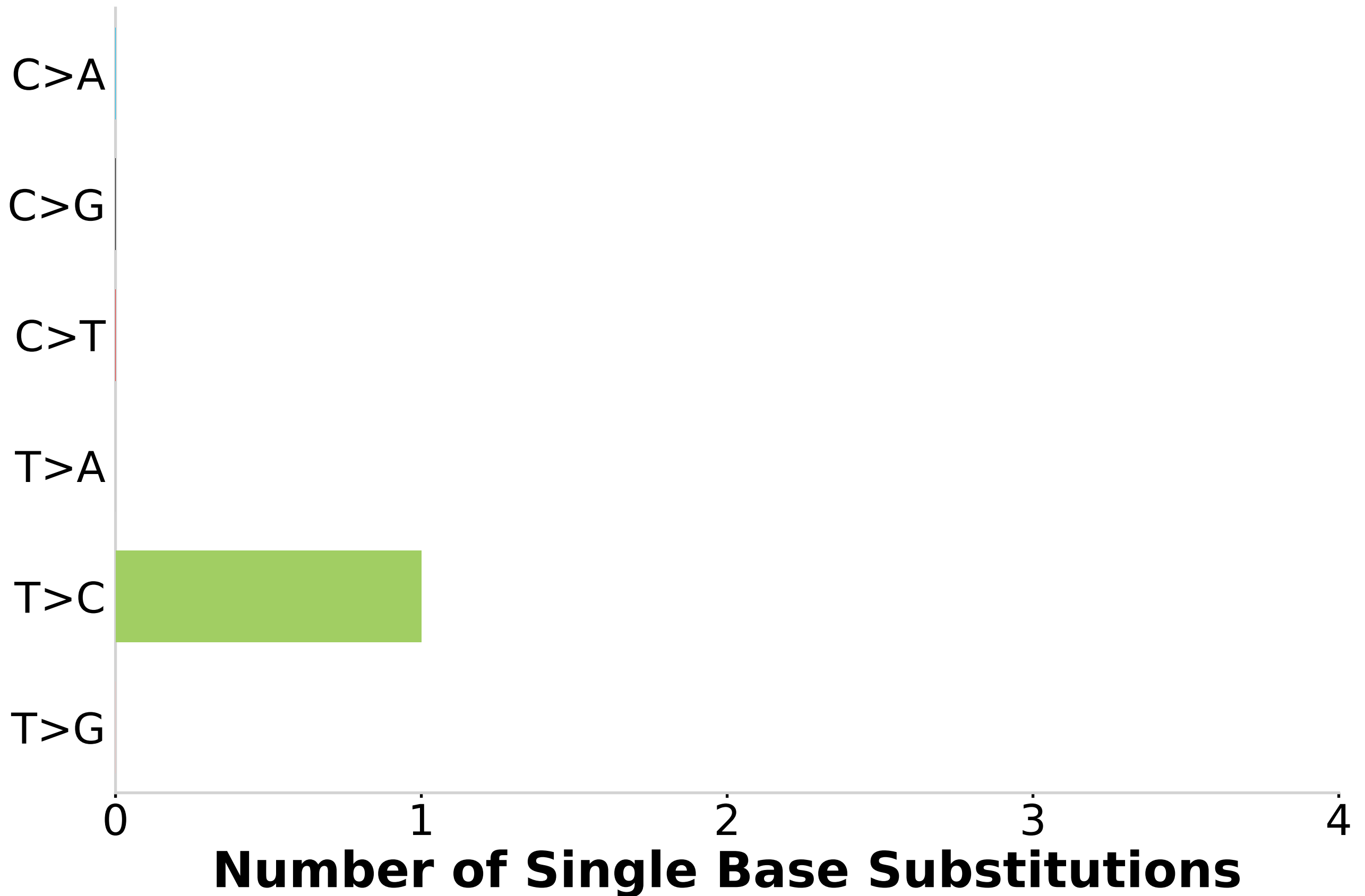
TCGA-A1-A0SJ-01A-11D-A099-09: 1 subs



TCGA-A1-A0SK-01A-12D-A099-09: 4 subs



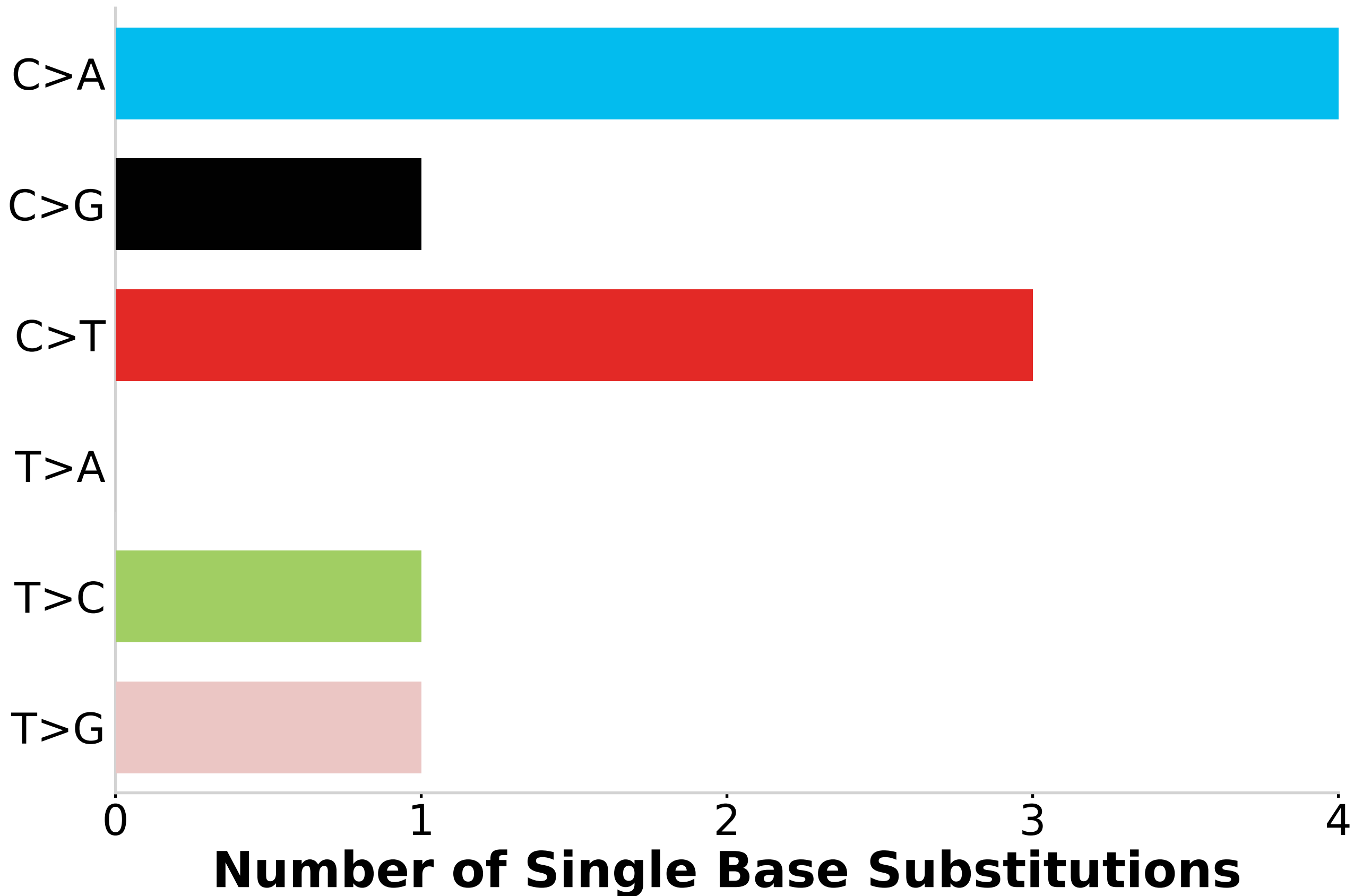
TCGA-A1-A0SM-01A-11D-A099-09: 1 subs



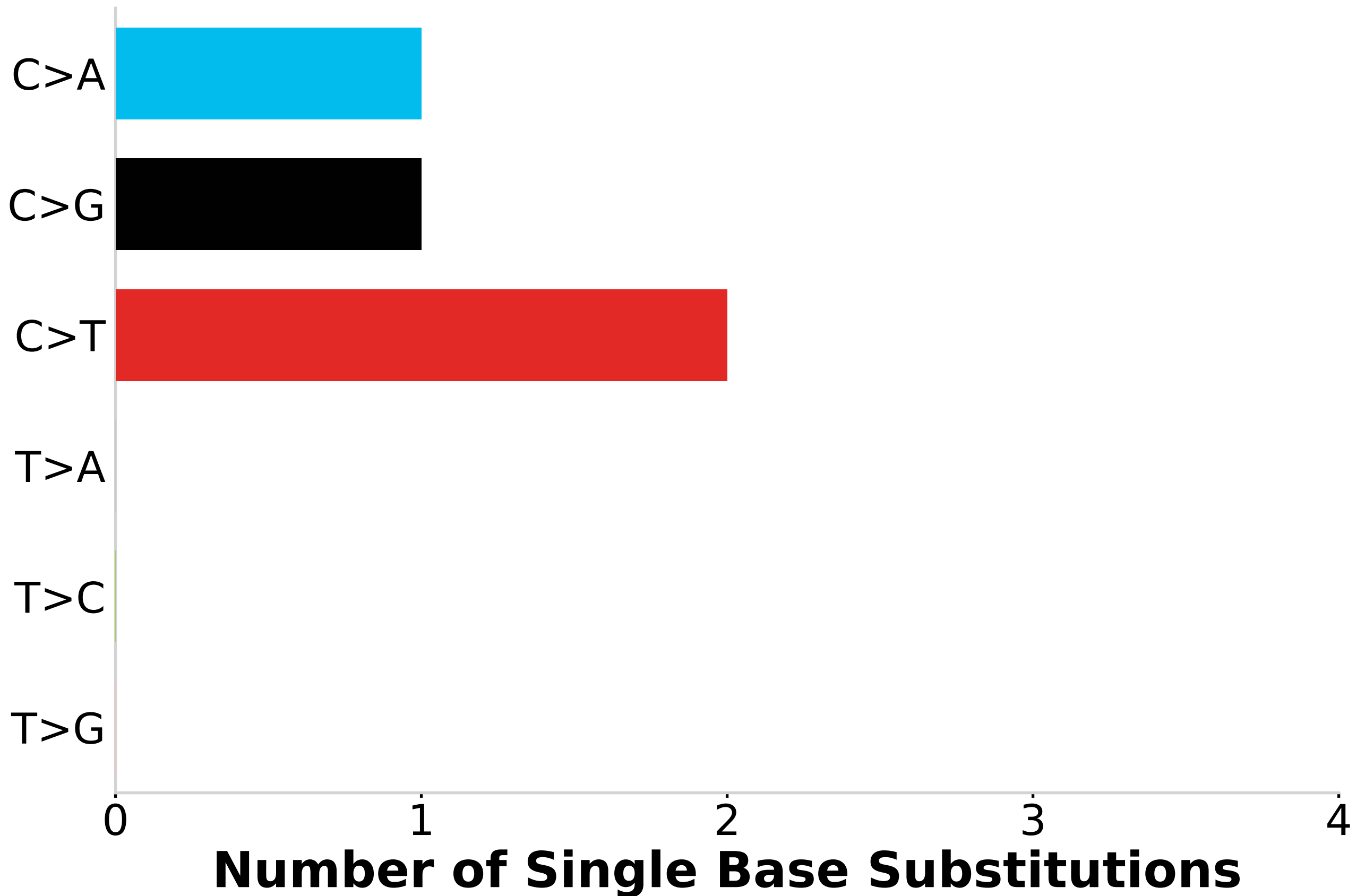
TCGA-A1-A0SN-01A-11D-A142-09: 1 subs



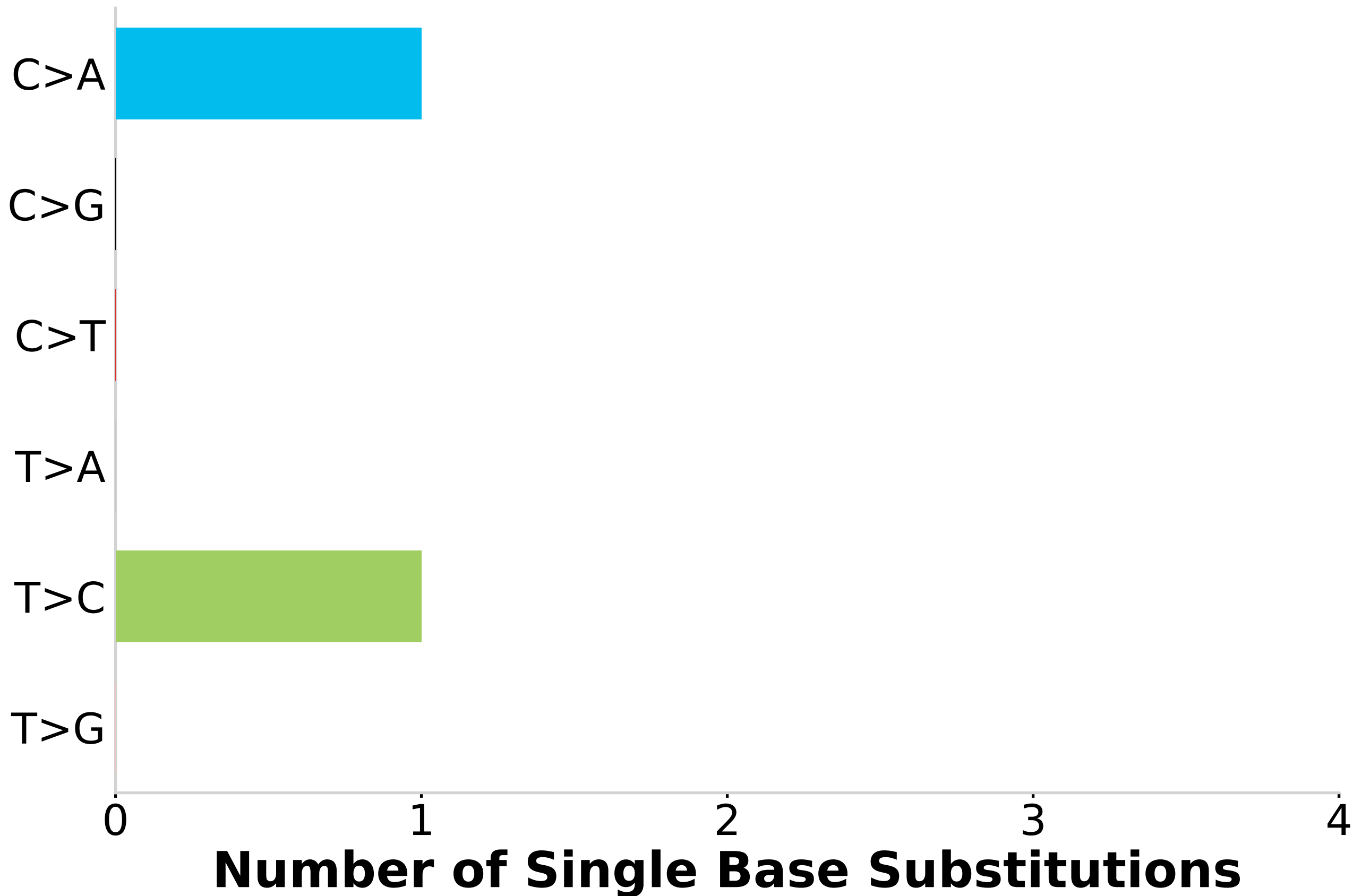
TCGA-A1-A0SO-01A-22D-A099-09: 10 subs



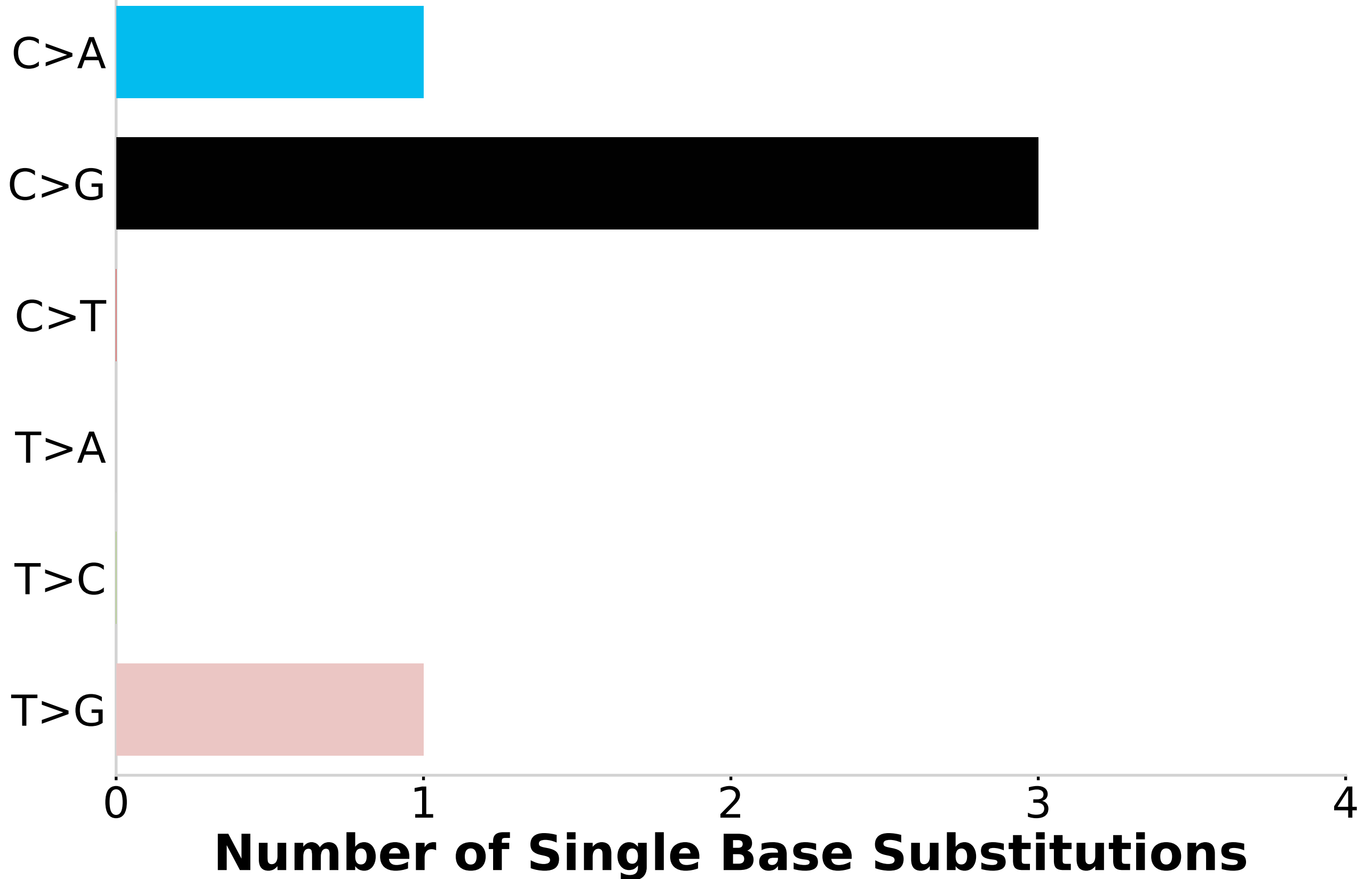
TCGA-A1-A0SP-01A-11D-A099-09: 4 subs



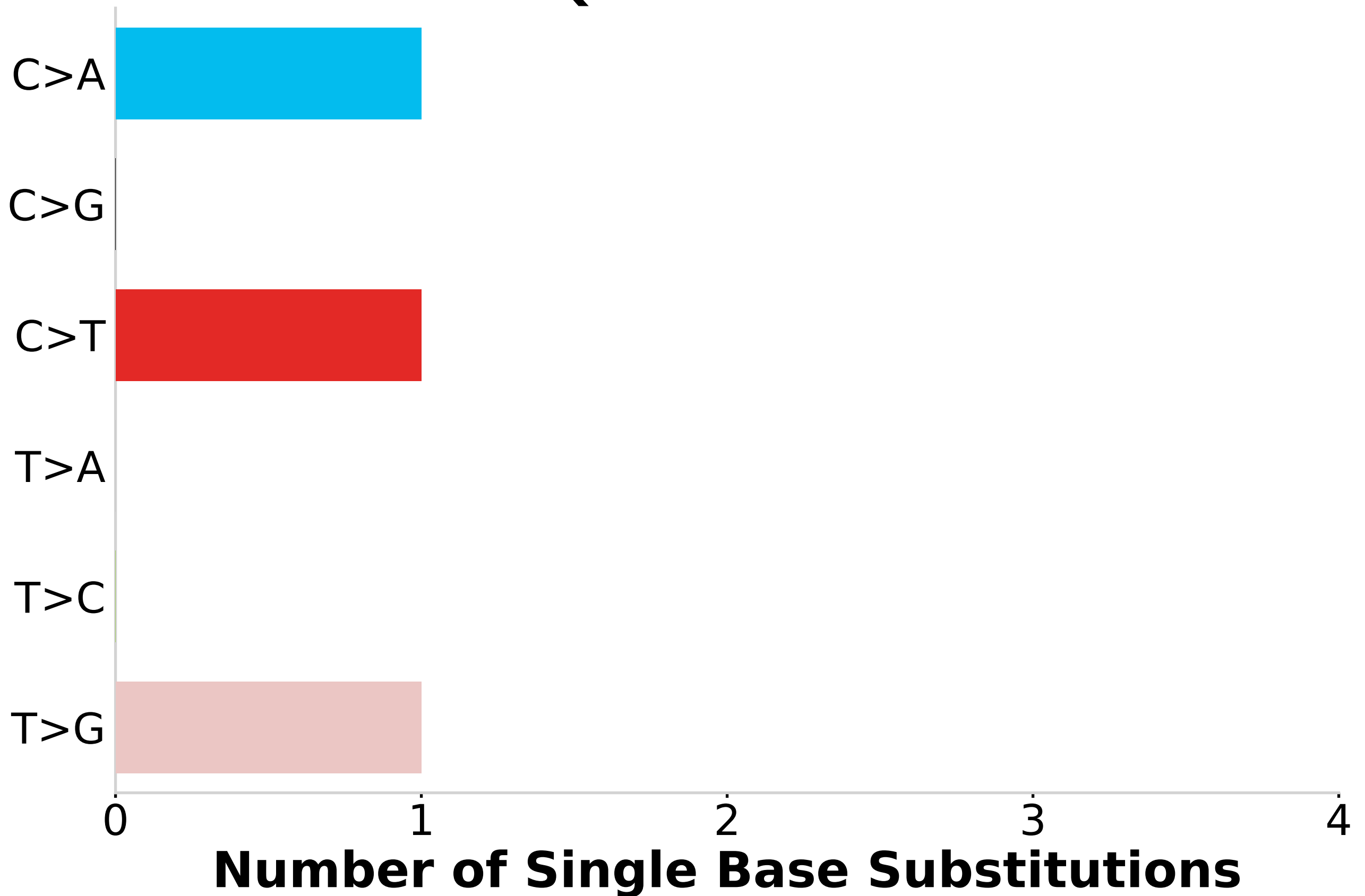
TCGA-A2-A04N-01A-11D-A10Y-09: 2 subs



TCGA-A2-A04P-01A-31D-A128-09: 5 subs



TCGA-A2-A04Q-01A-21W-A050-09: 3 subs



TCGA-A2-A04R-01A-41D-A117-09: 3 subs

C>A

C>G

C>T

T>A

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T>G

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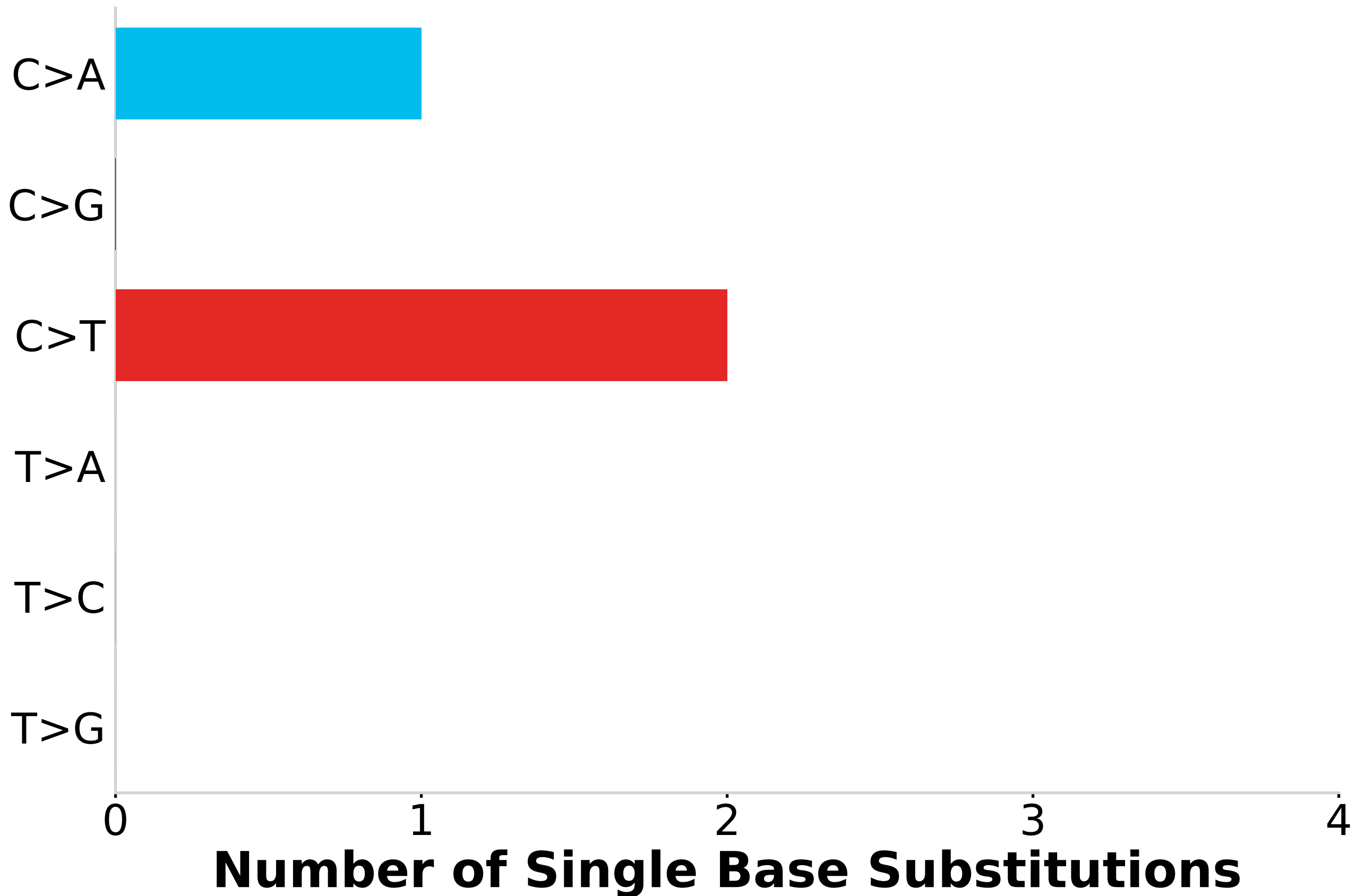
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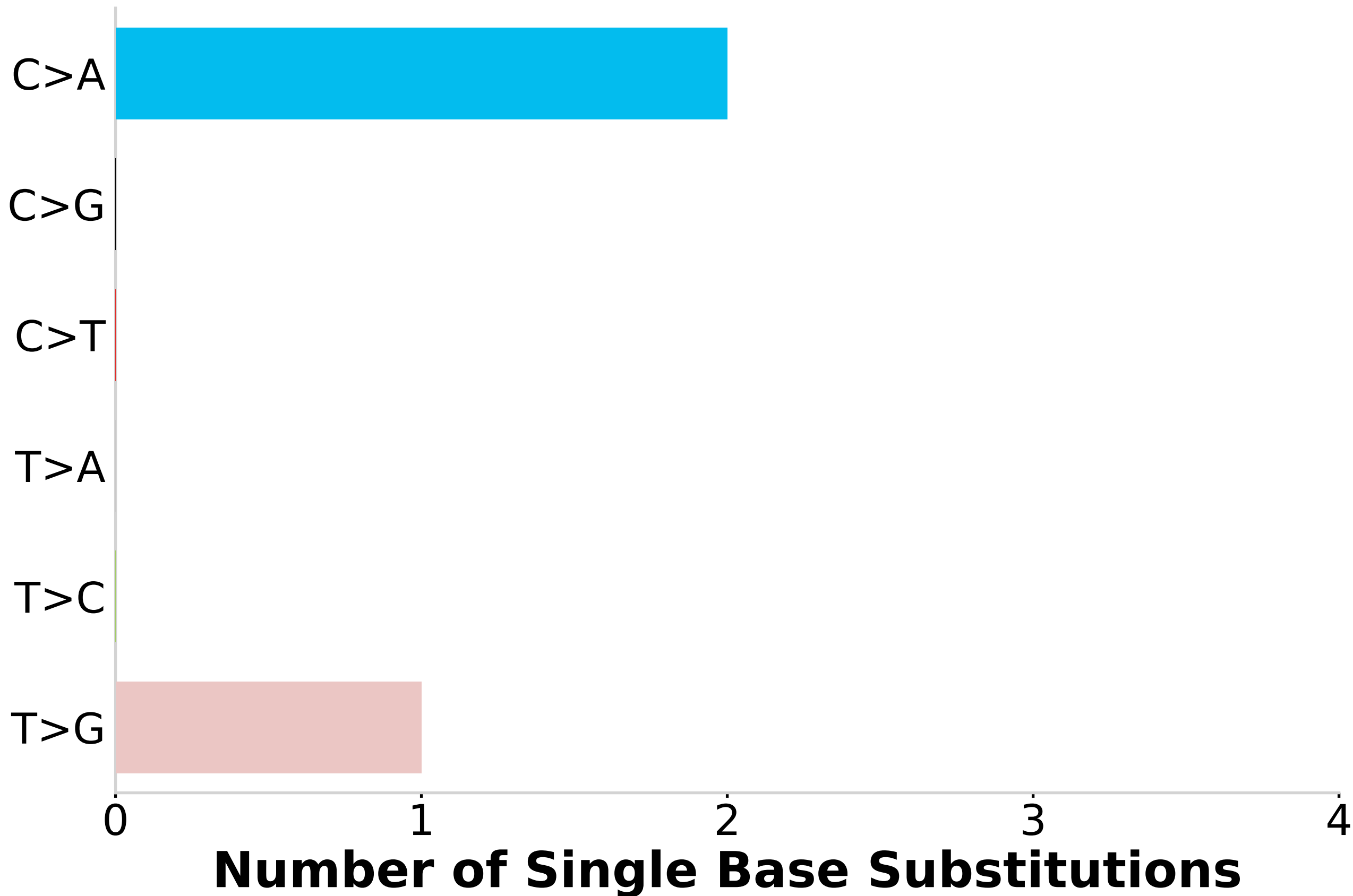
Number of Single Base Substitutions



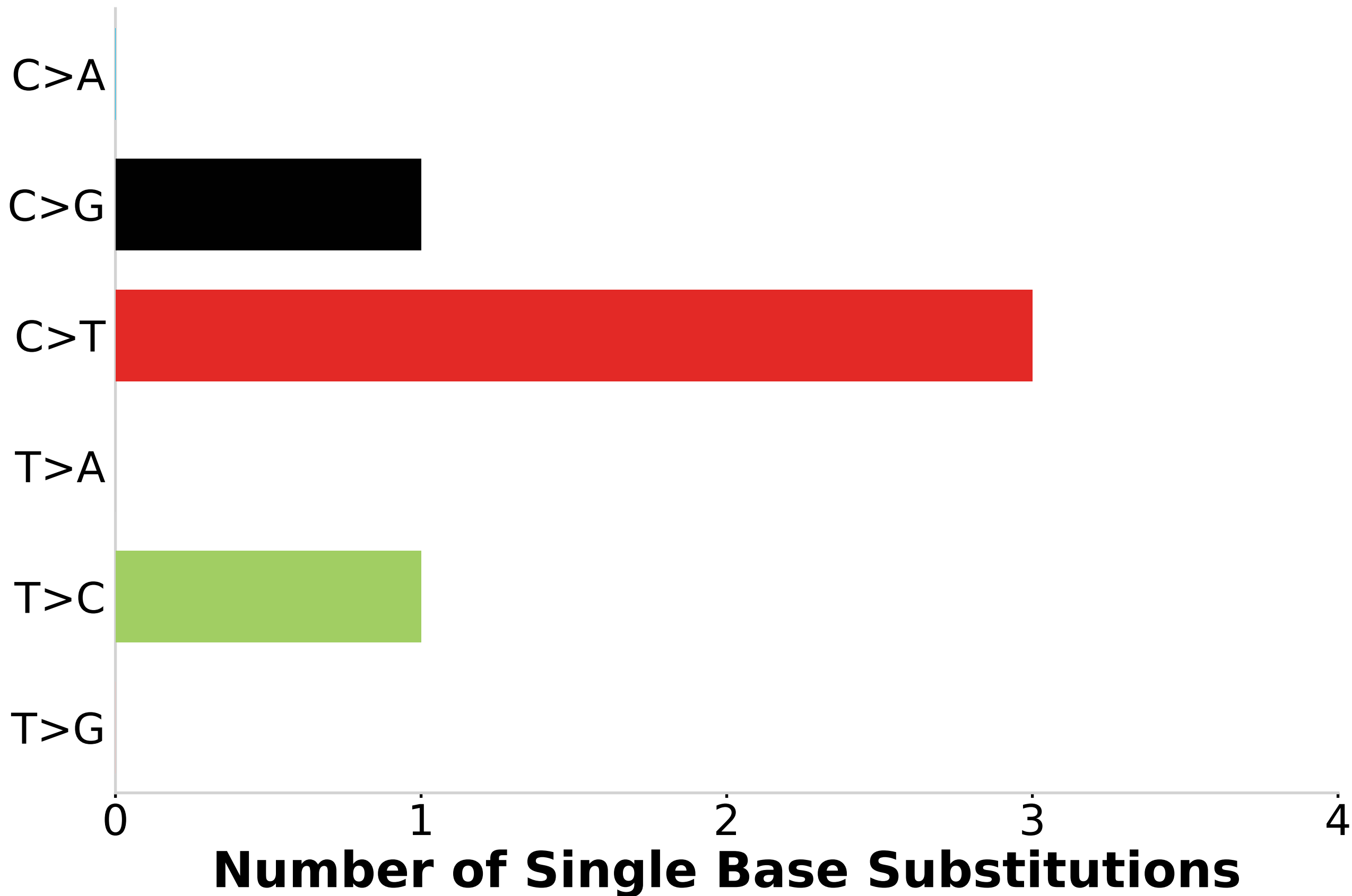
TCGA-A2-A04T-01A-21W-A050-09: 3 subs



TCGA-A2-A04U-01A-11D-A10Y-09: 3 subs



TCGA-A2-A04V-01A-21W-A050-09: 5 subs



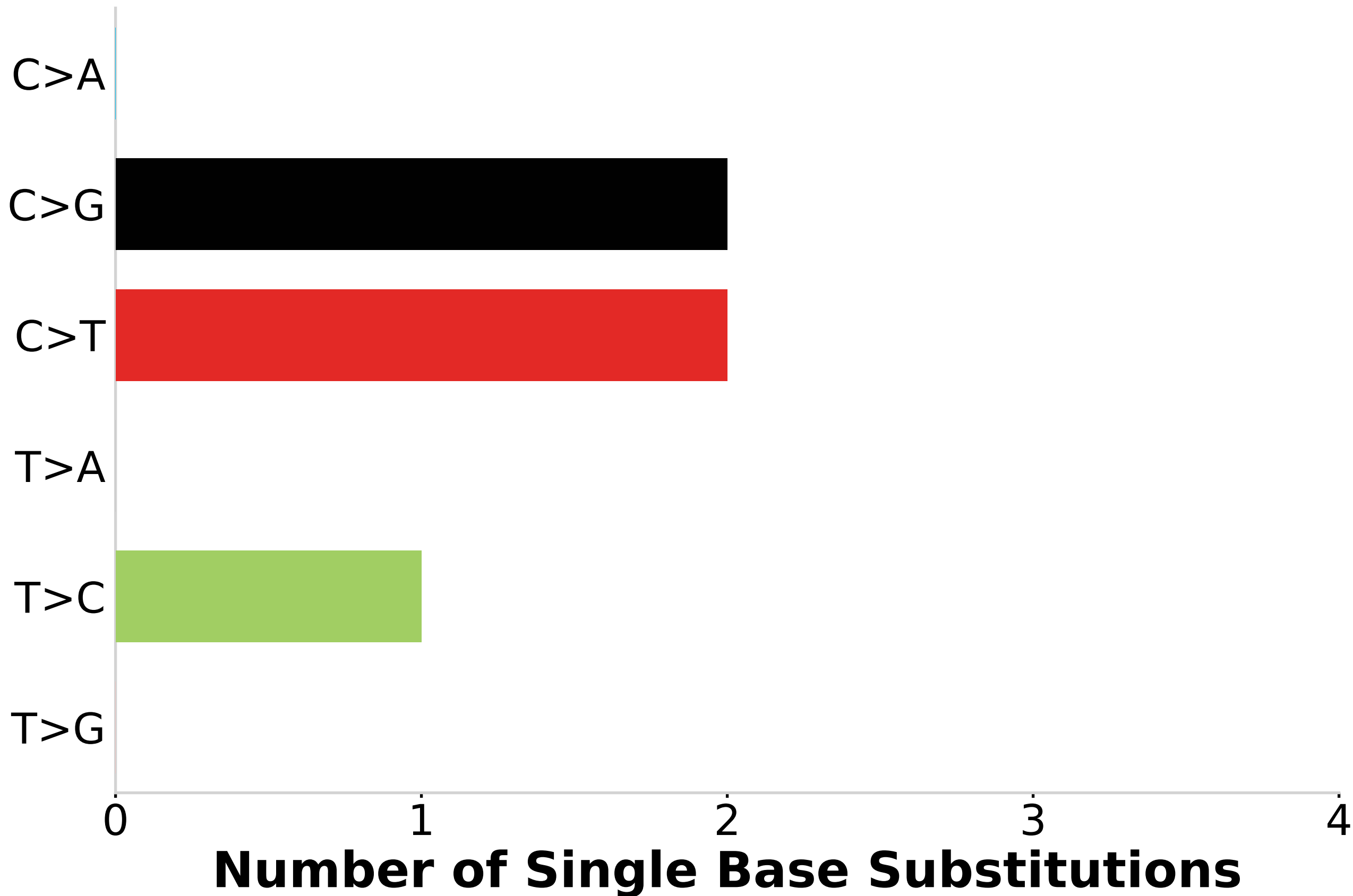
TCGA-A2-A04W-01A-31D-A10Y-09: 1 subs



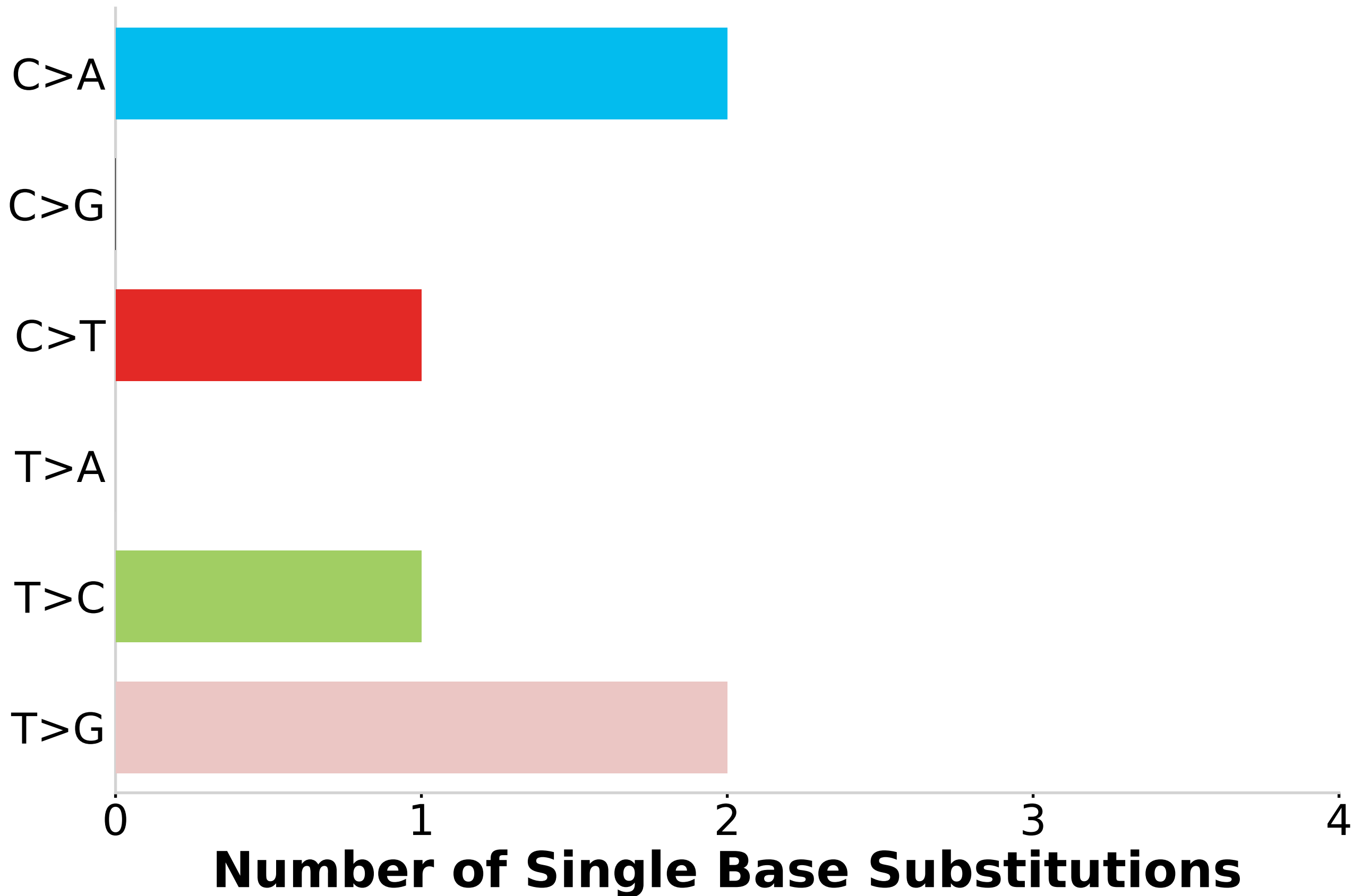
TCGA-A2-A04X-01A-21W-A050-09: 1 subs



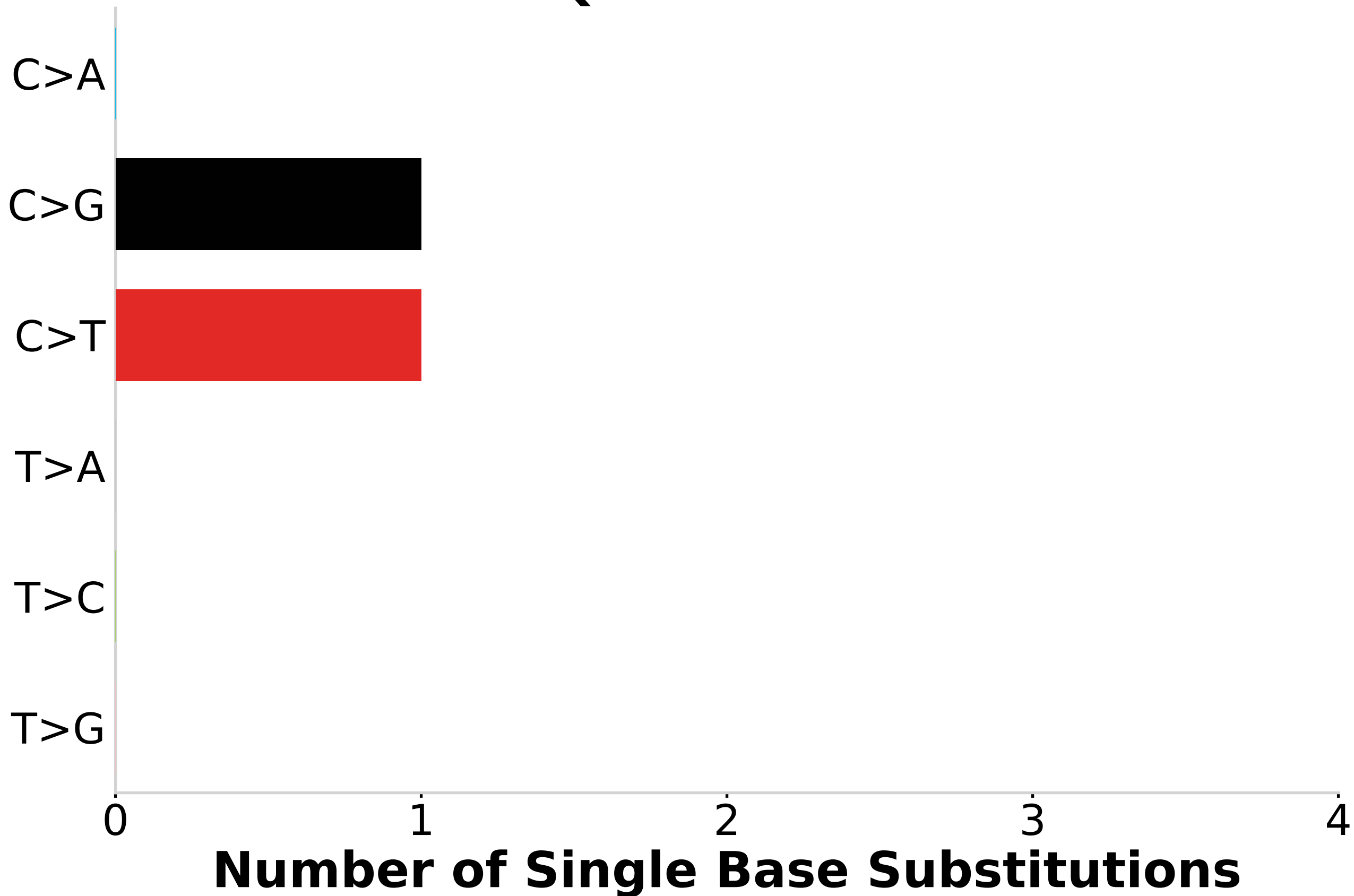
TCGA-A2-A0CL-01A-11D-A10Y-09: 5 subs



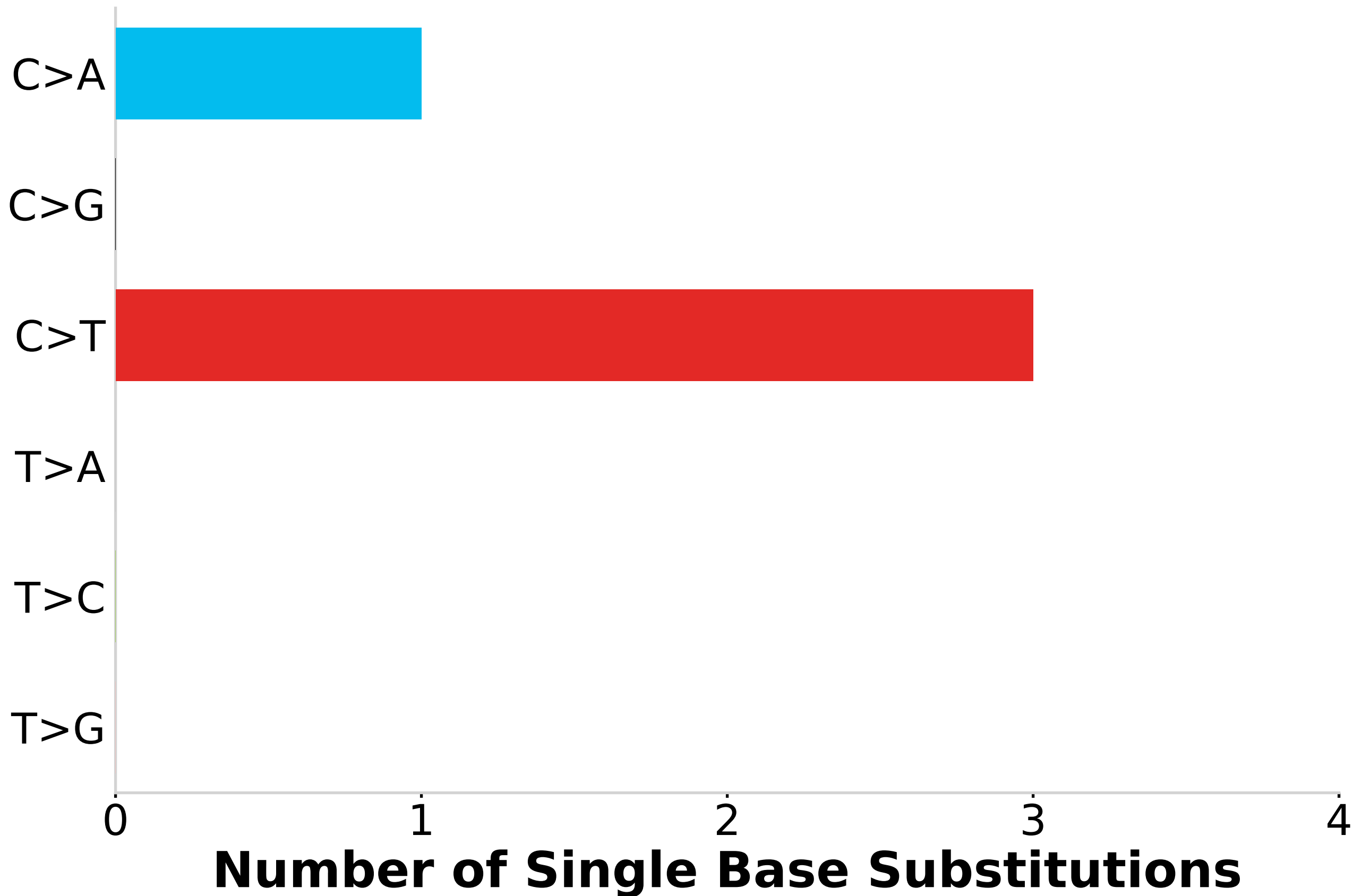
TCGA-A2-A0CP-01A-11W-A050-09: 6 subs



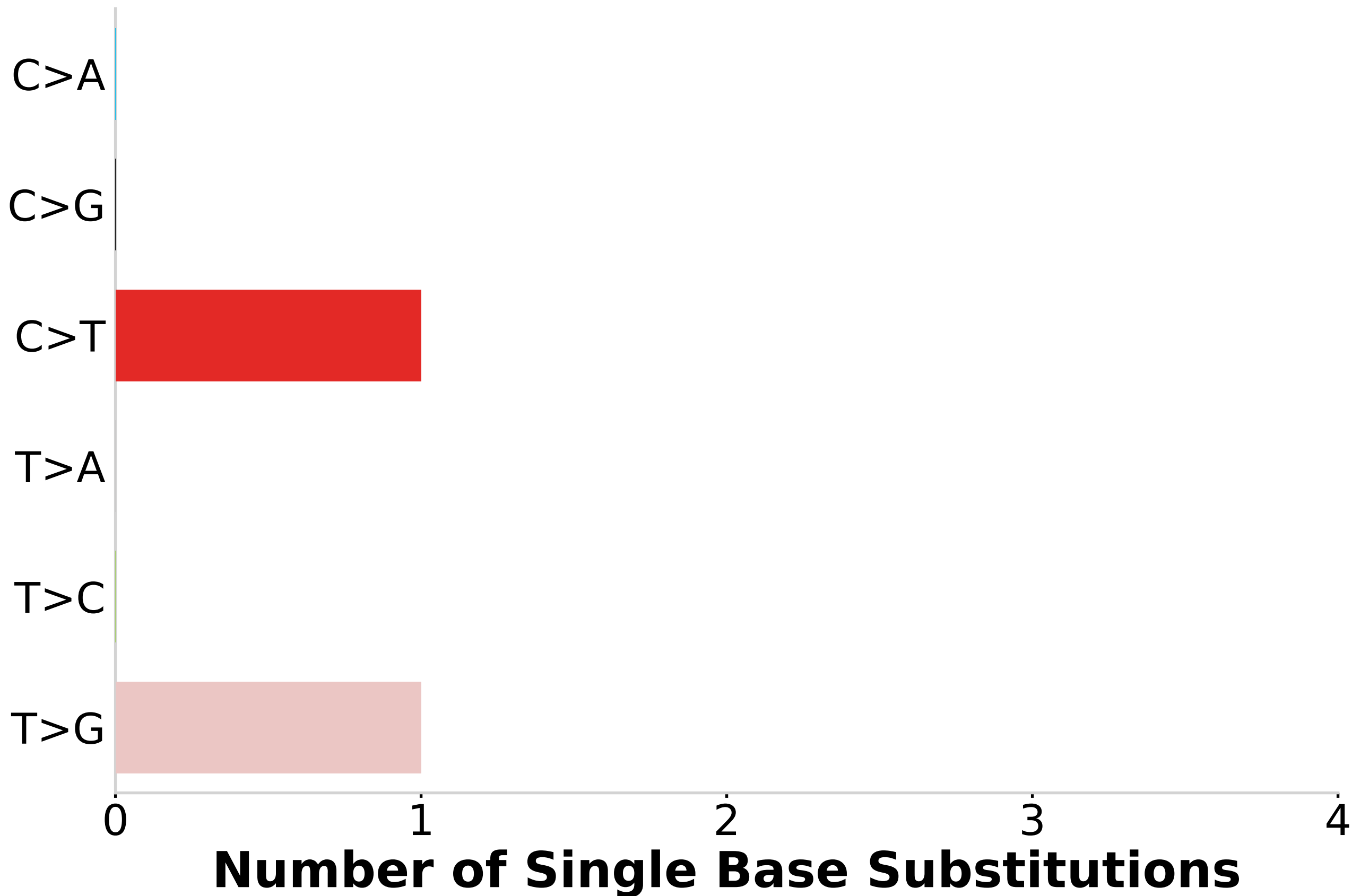
TCGA-A2-A0CQ-01A-21W-A050-09: 2 subs



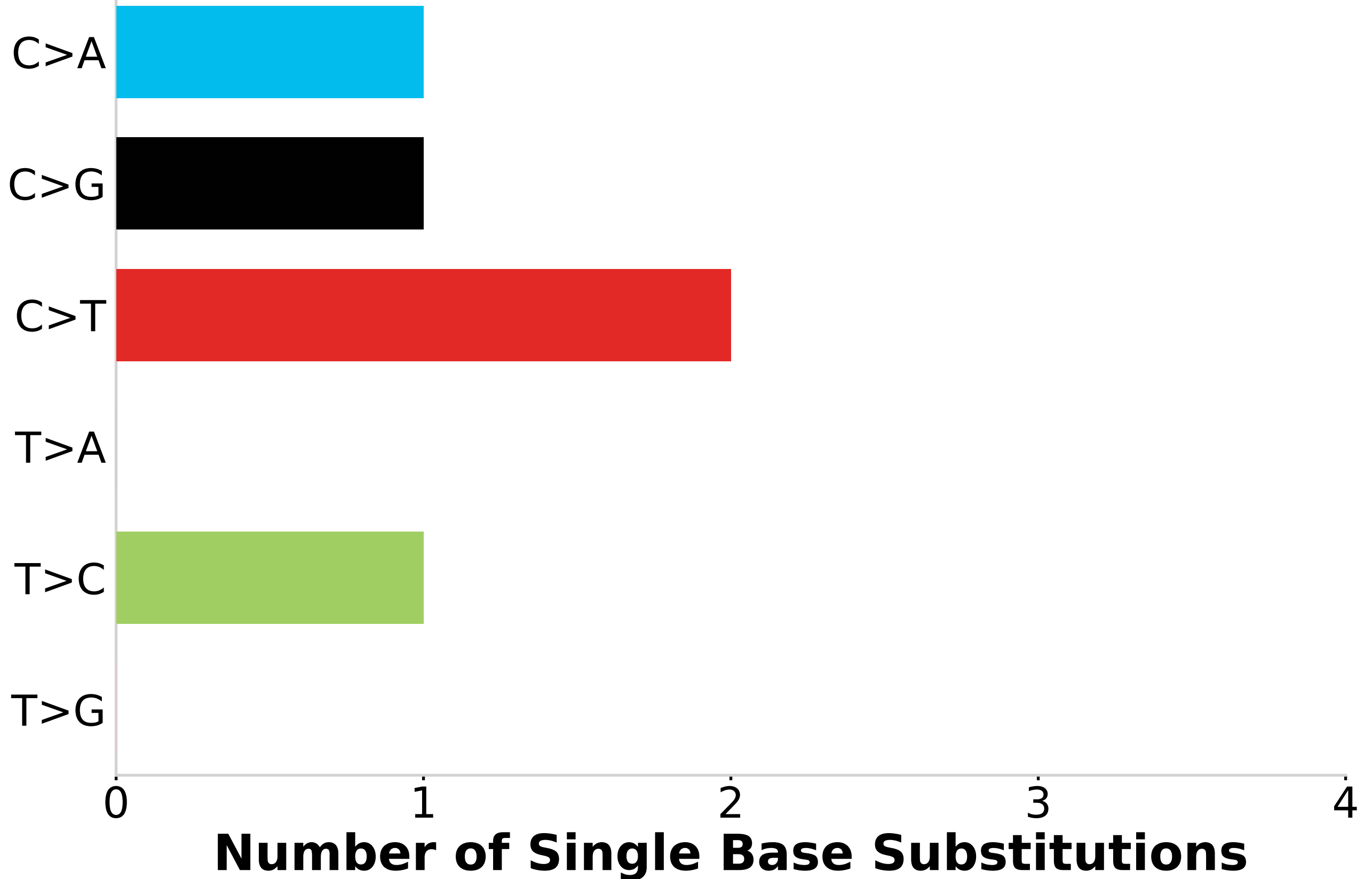
TCGA-A2-A0CR-01A-11D-A228-09: 4 subs



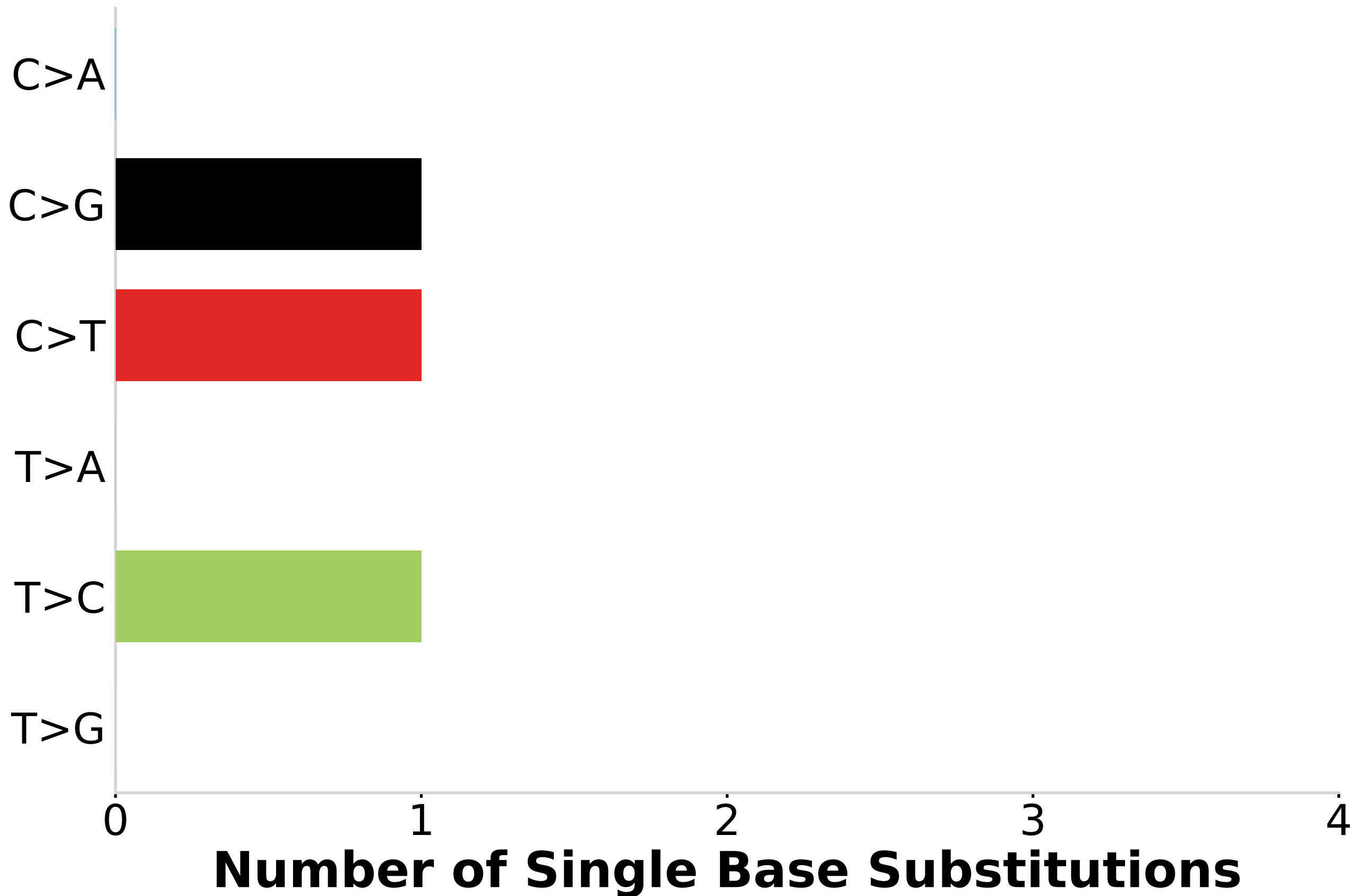
TCGA-A2-A0CS-01A-11D-A10Y-09: 2 subs



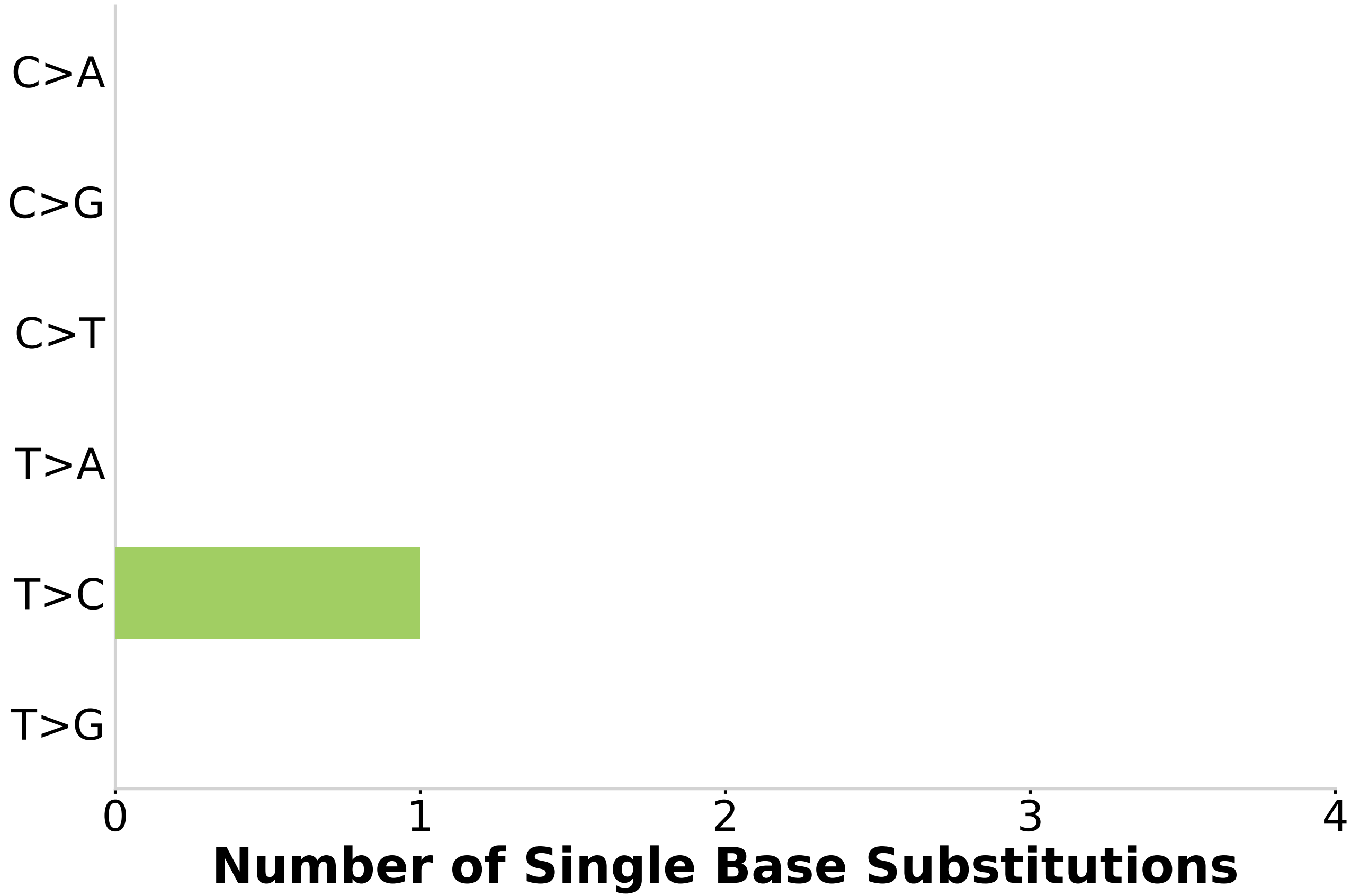
TCGA-A2-A0CT-01A-31W-A071-09: 5 subs



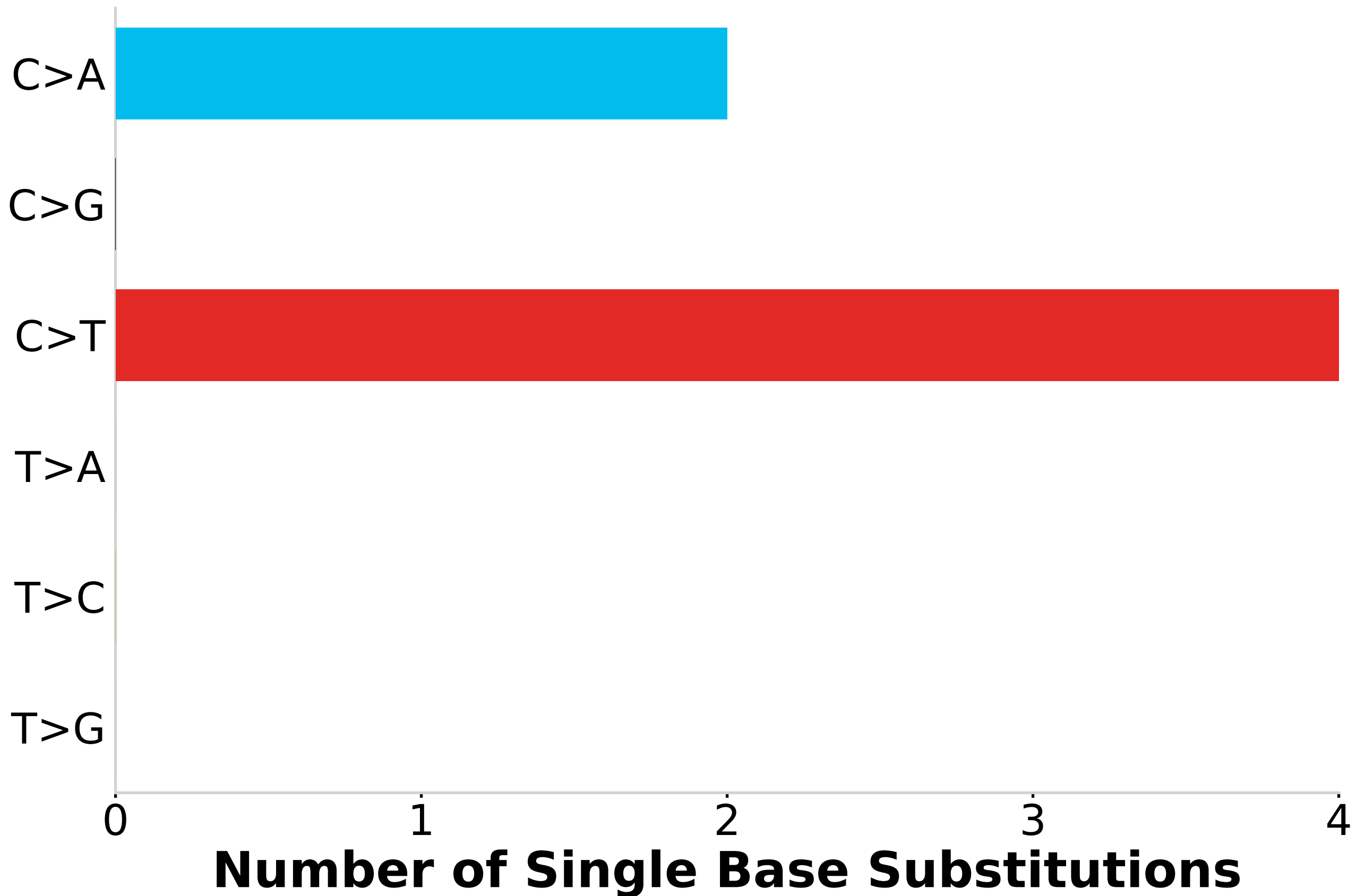
TCGA-A2-A0CU-01A-12W-A050-09: 3 subs



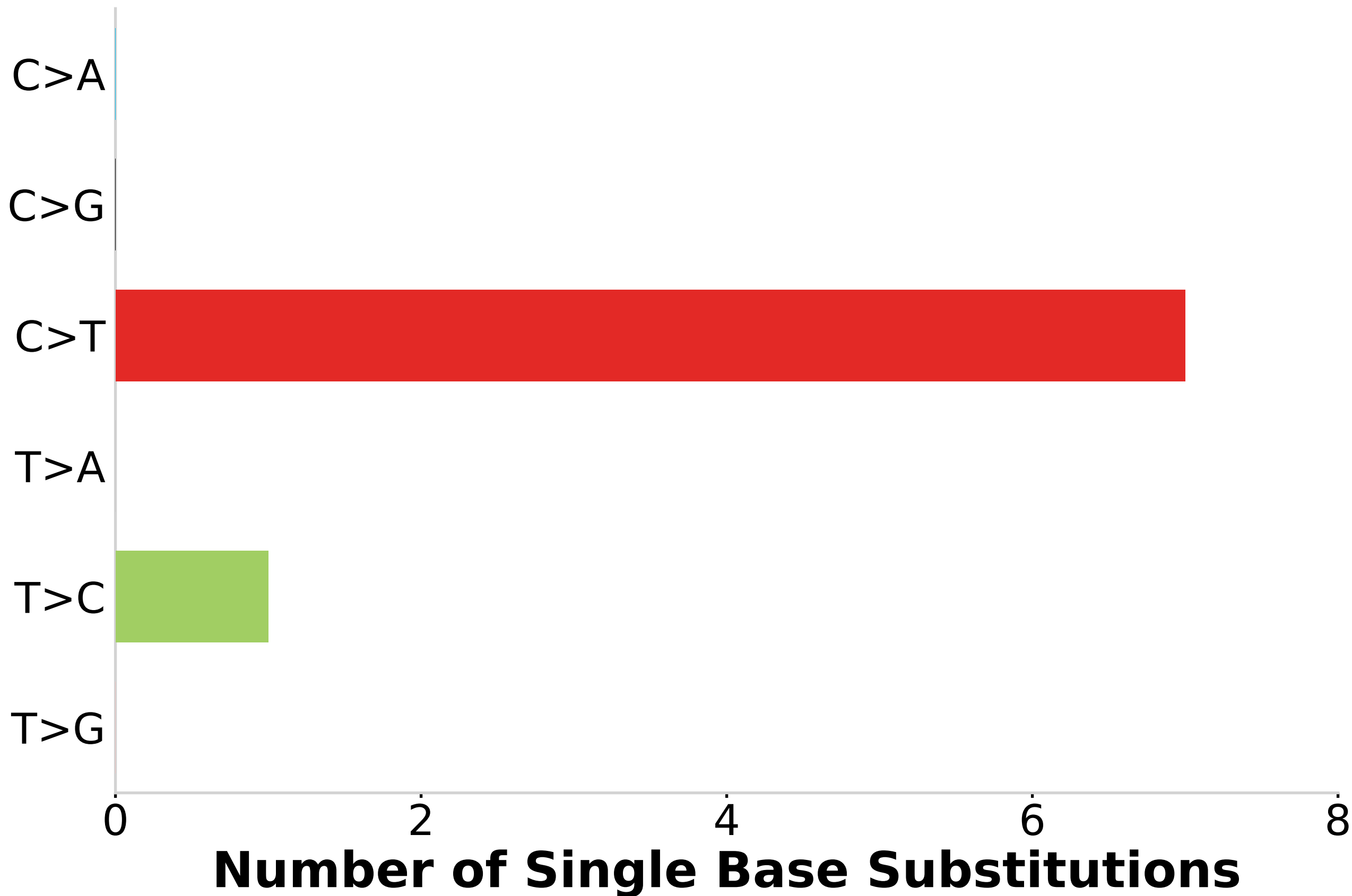
TCGA-A2-A0CV-01A-31D-A10Y-09: 1 subs



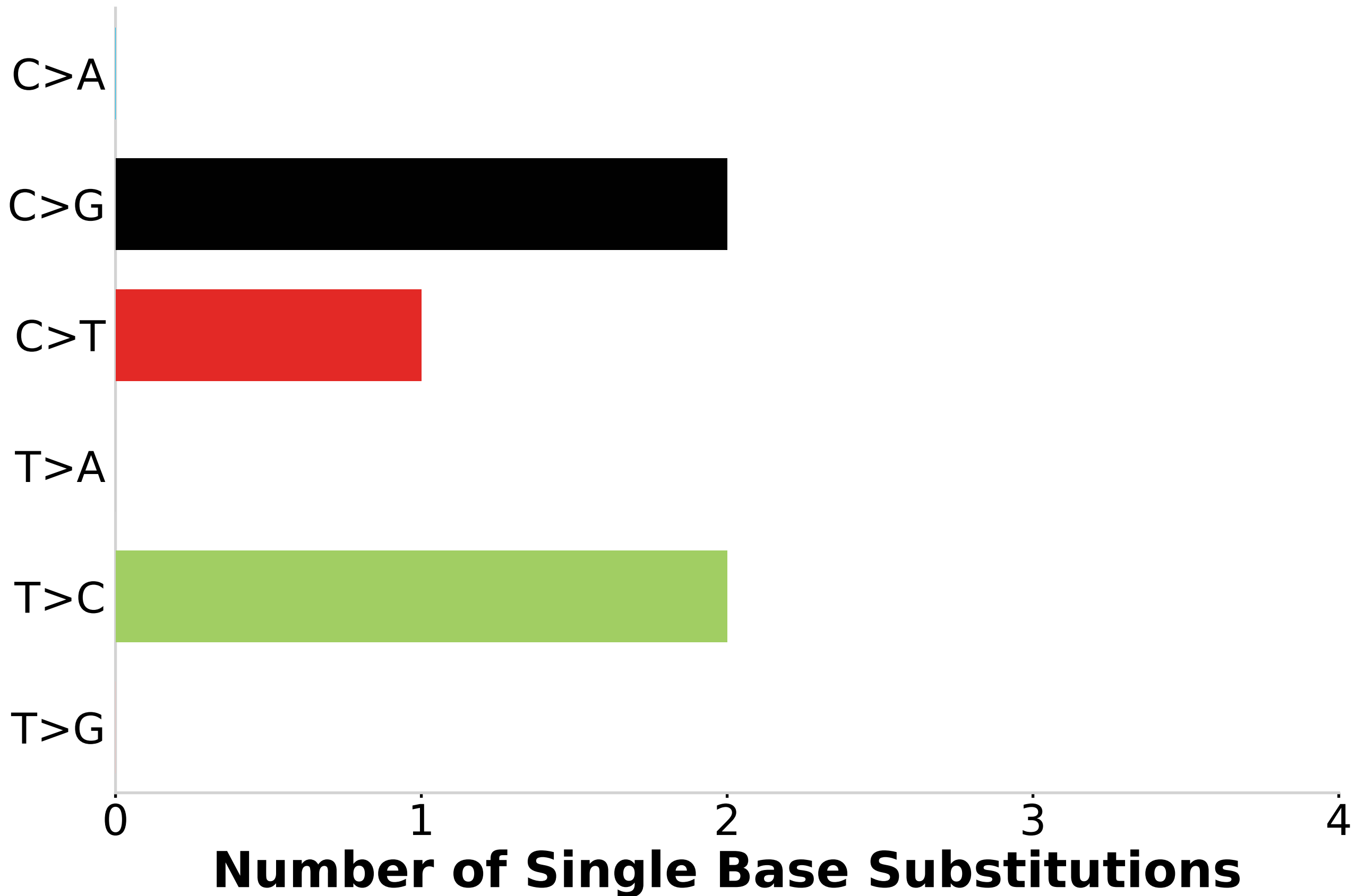
TCGA-A2-A0CW-01A-21D-A10Y-09: 6 subs



TCGA-A2-A0CX-01A-21W-A019-09: 8 subs



TCGA-A2-A0D0-01A-11W-A019-09: 5 subs



TCGA-A2-A0D1-01A-11W-A050-09: 5 subs

C>A

C>G

C>T

T>A

T>C

T>G

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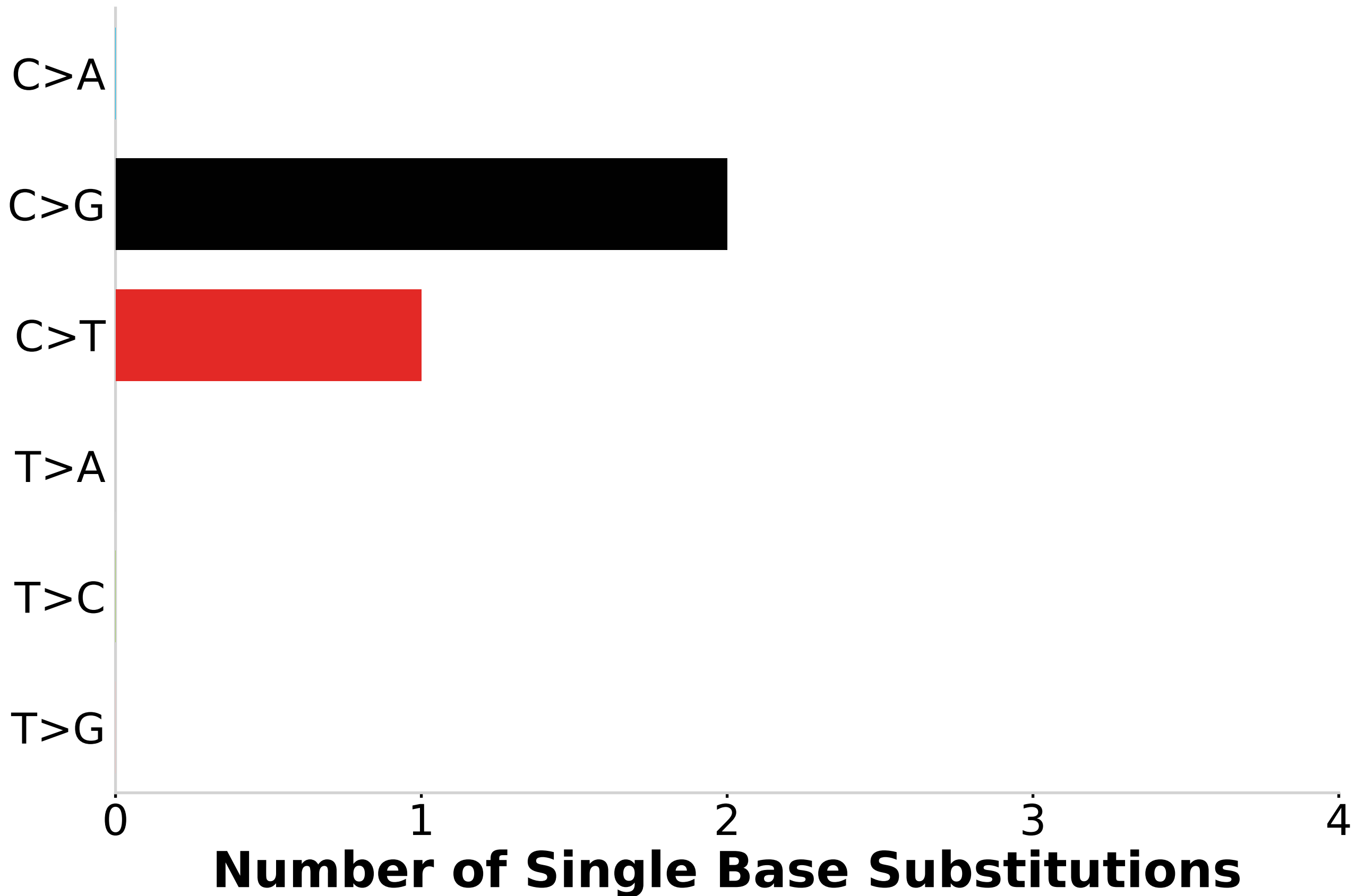
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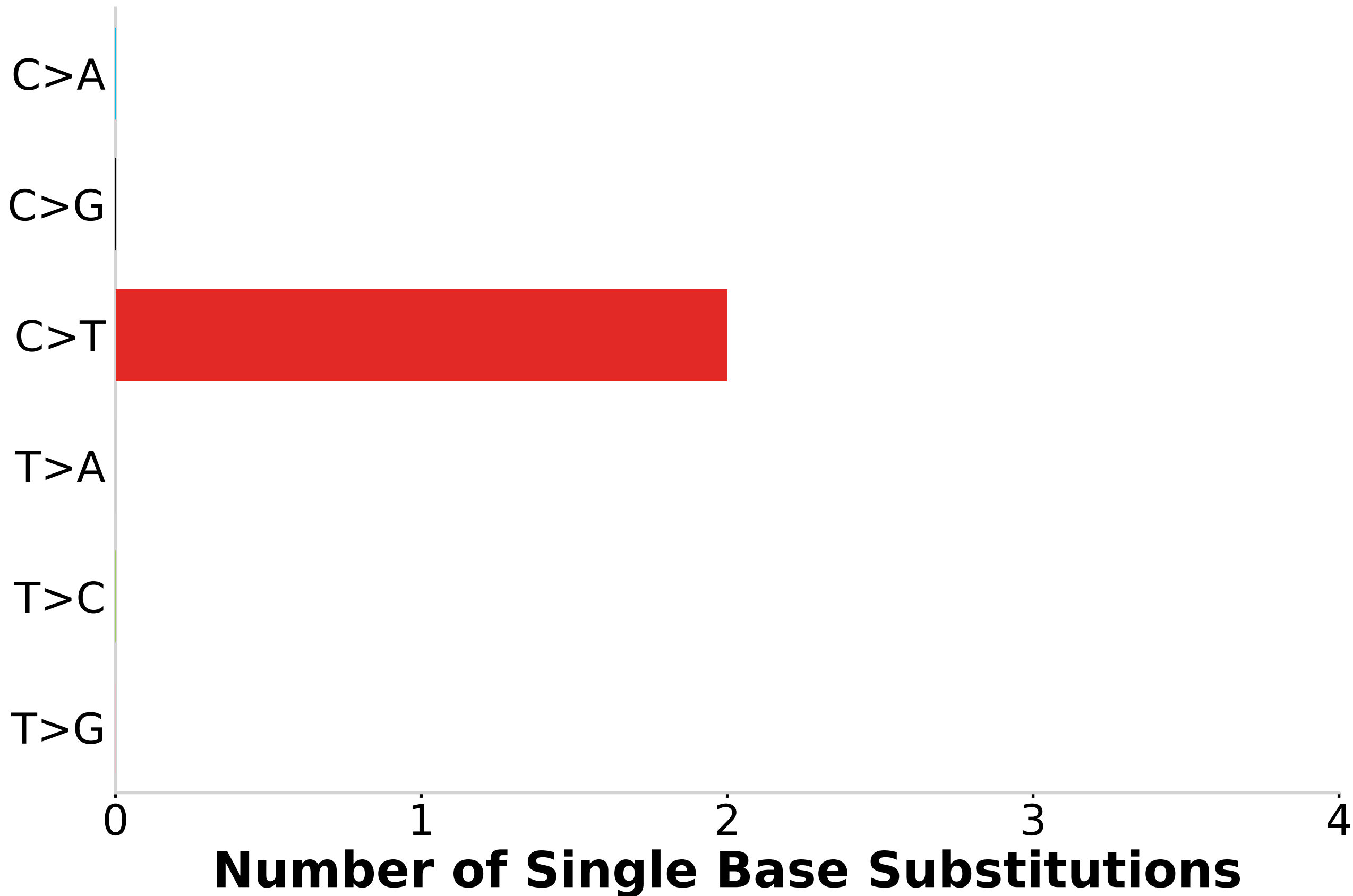
Number of Single Base Substitutions



TCGA-A2-A0D2-01A-21W-A050-09: 3 subs



TCGA-A2-A0EM-01A-11W-A050-09: 2 subs



TCGA-A2-A0EN-01A-13D-A099-09: 1 subs



TCGA-A2-A0EQ-01A-11W-A050-09: 1 subs

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C>G

C>T

T>A

T>C

T>G

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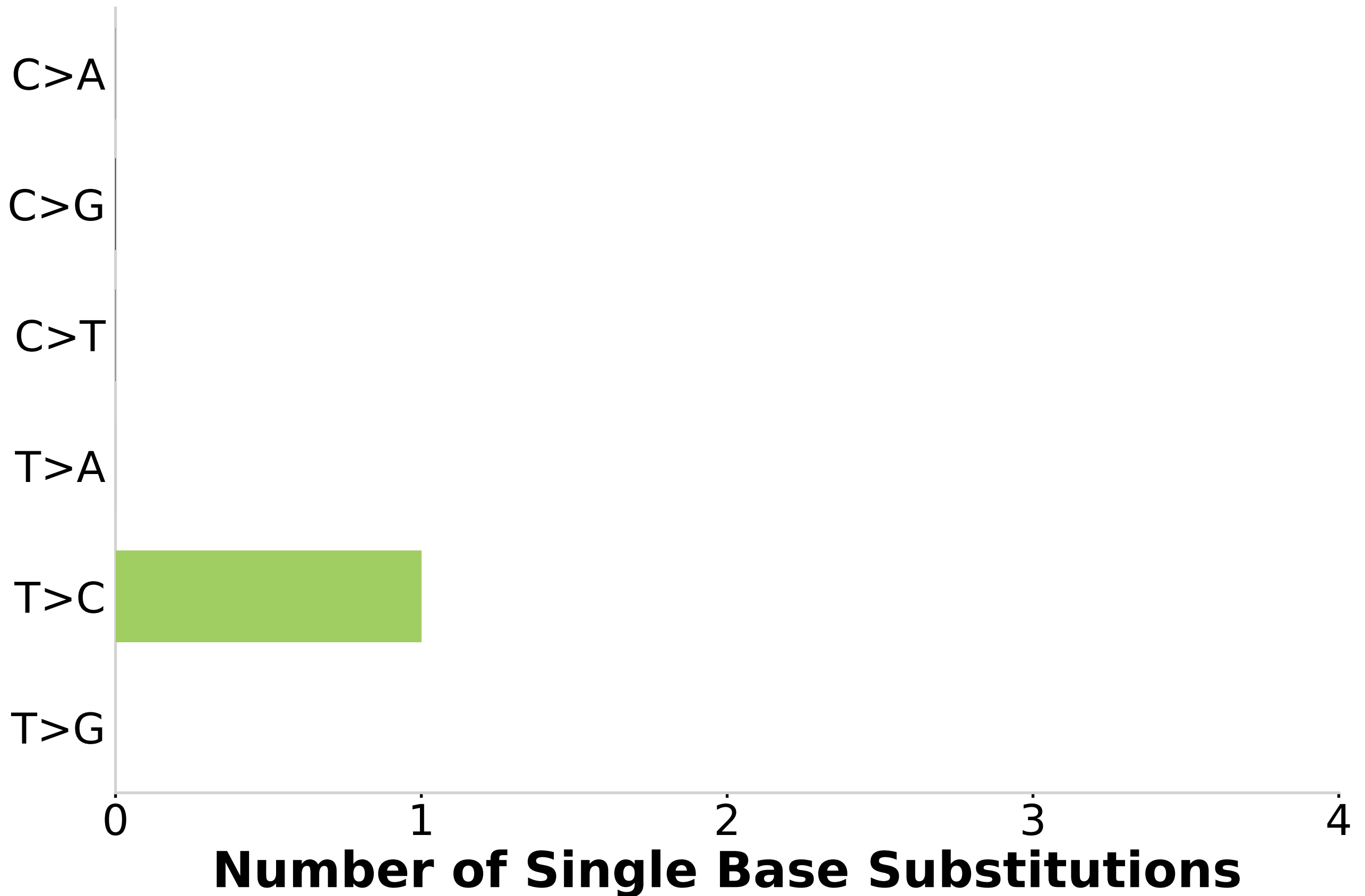
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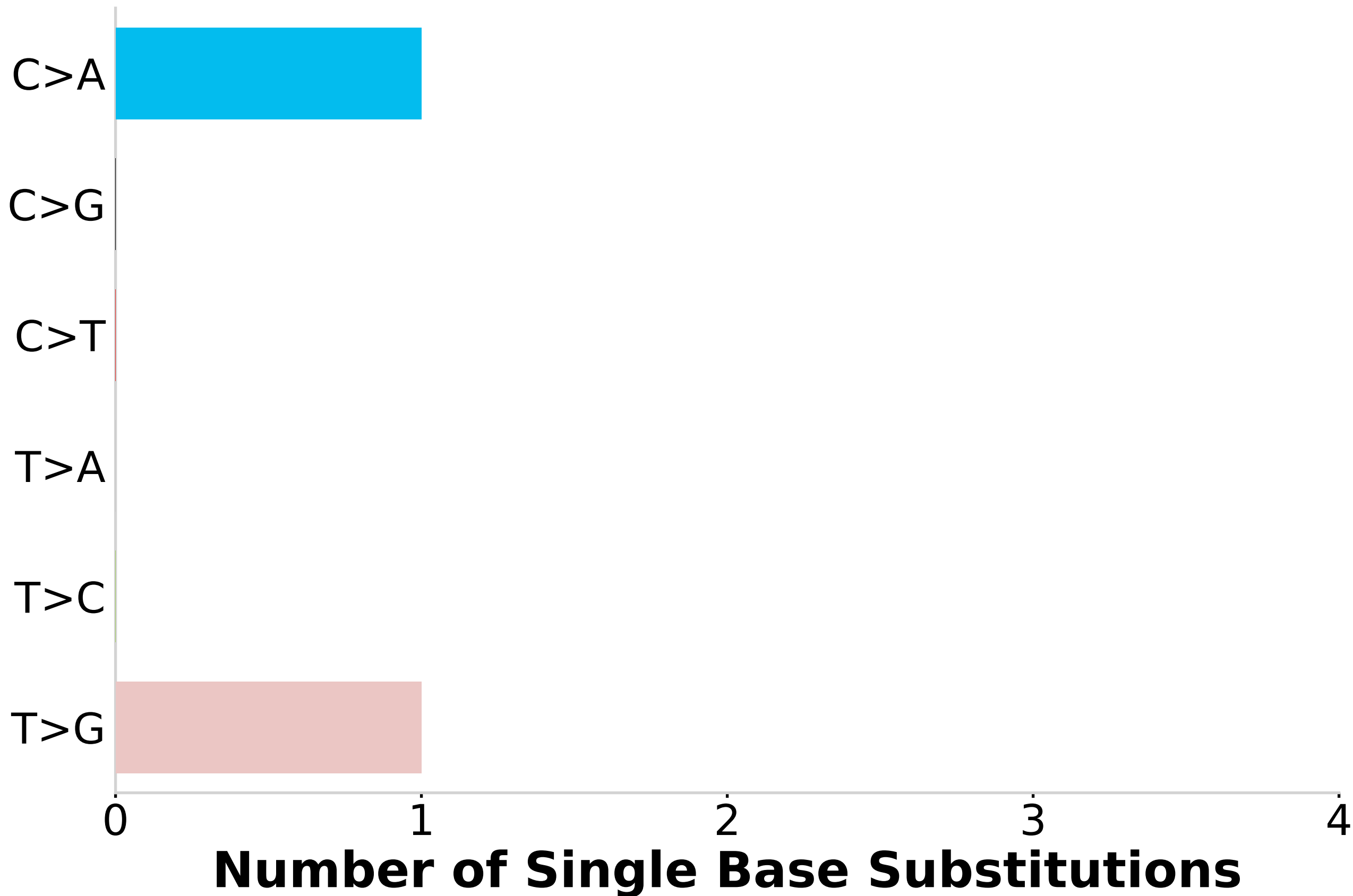
Number of Single Base Substitutions



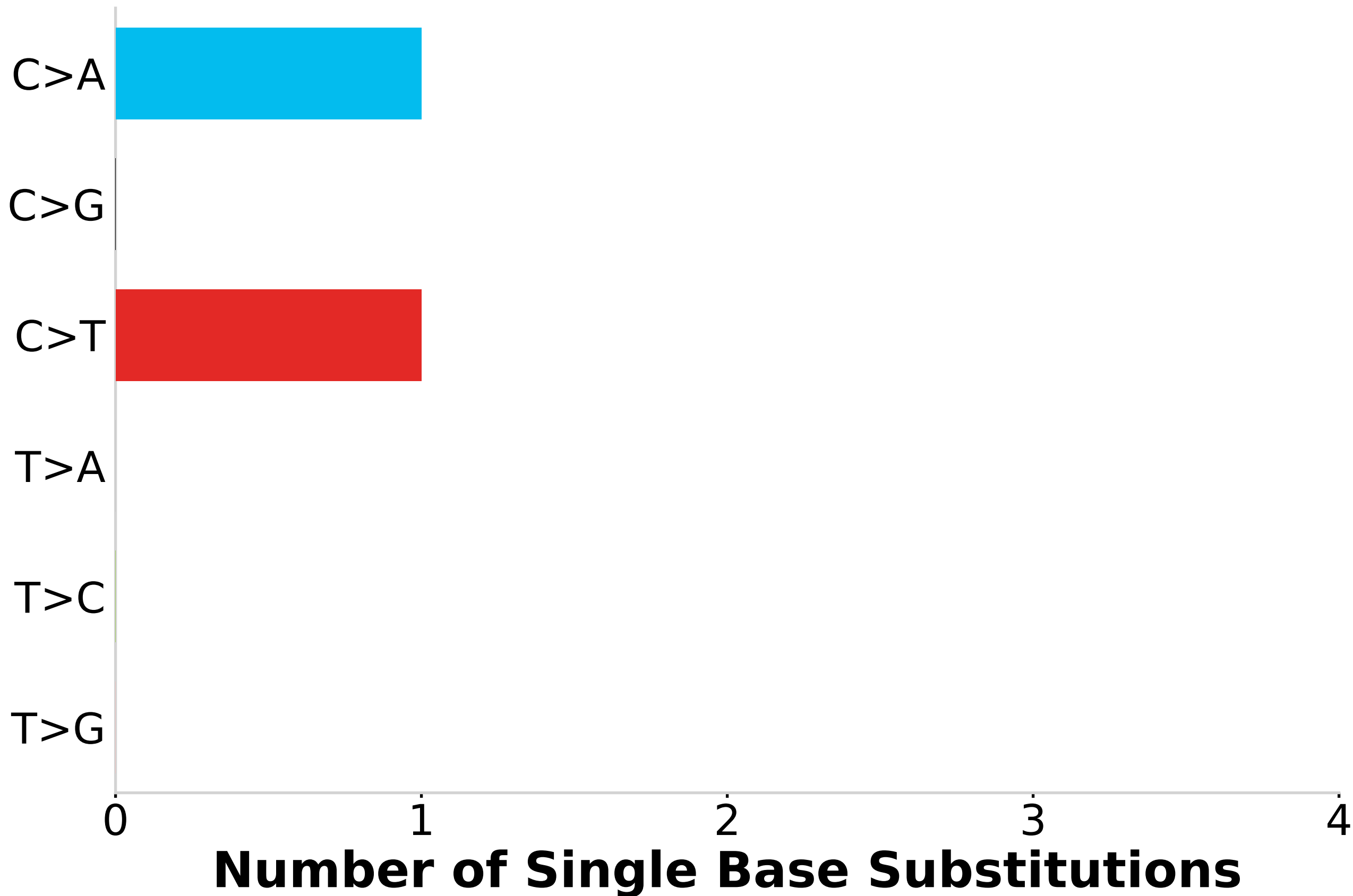
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TCGA-A2-A0ET-01A-31D-A045-09: 2 subs



TCGA-A2-A0EV-01A-11W-A050-09: 2 subs



TCGA-A2-A0EW-01A-21D-A10Y-09: 1 subs



TCGA-A2-A0EY-01A-11W-A050-09: 8 subs

C>A

C>G

C>T

T>A

T>C

T>G

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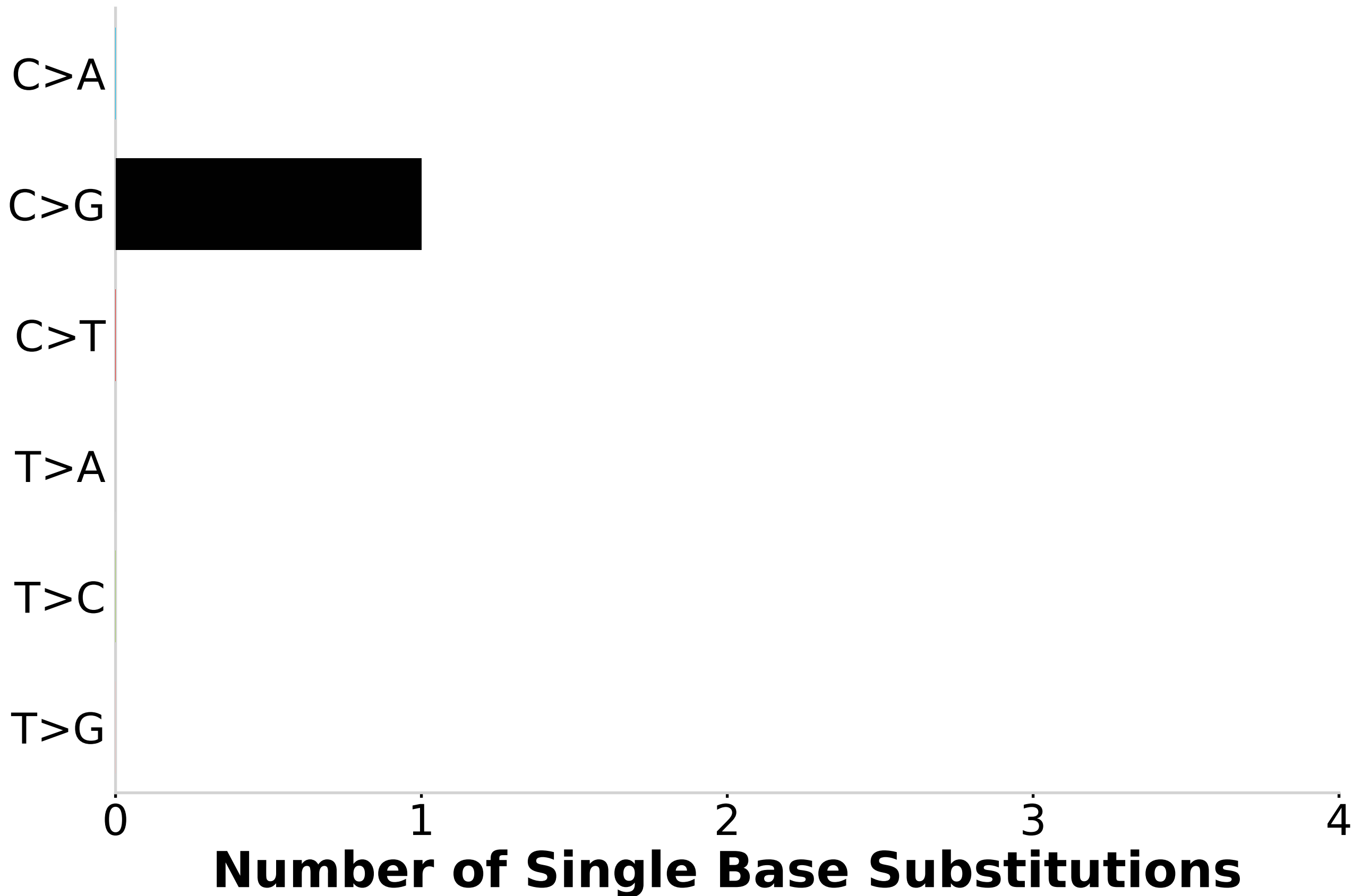
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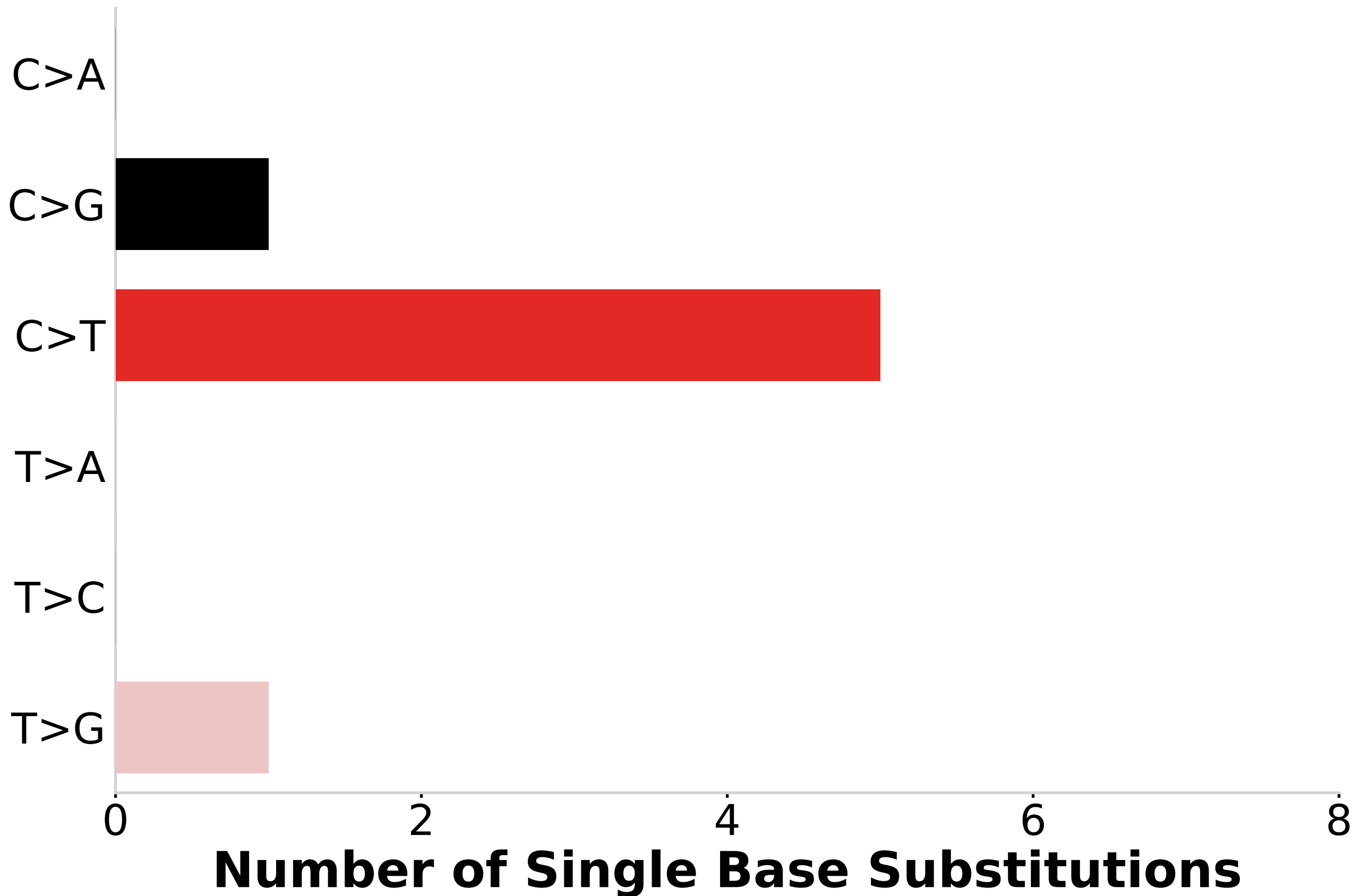
Number of Single Base Substitutions



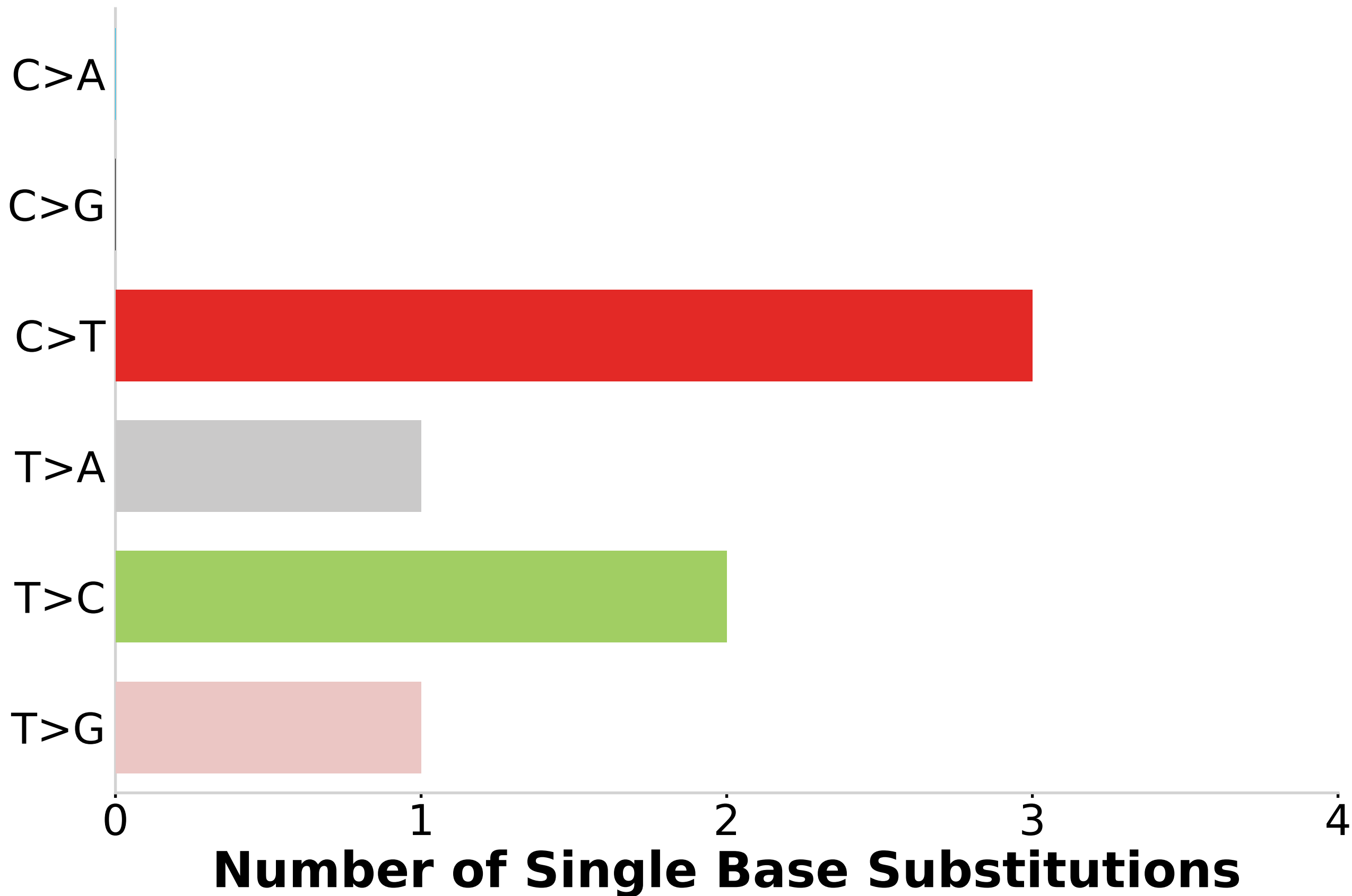
TCGA-A2-A0SU-01A-11D-A099-09: 1 subs



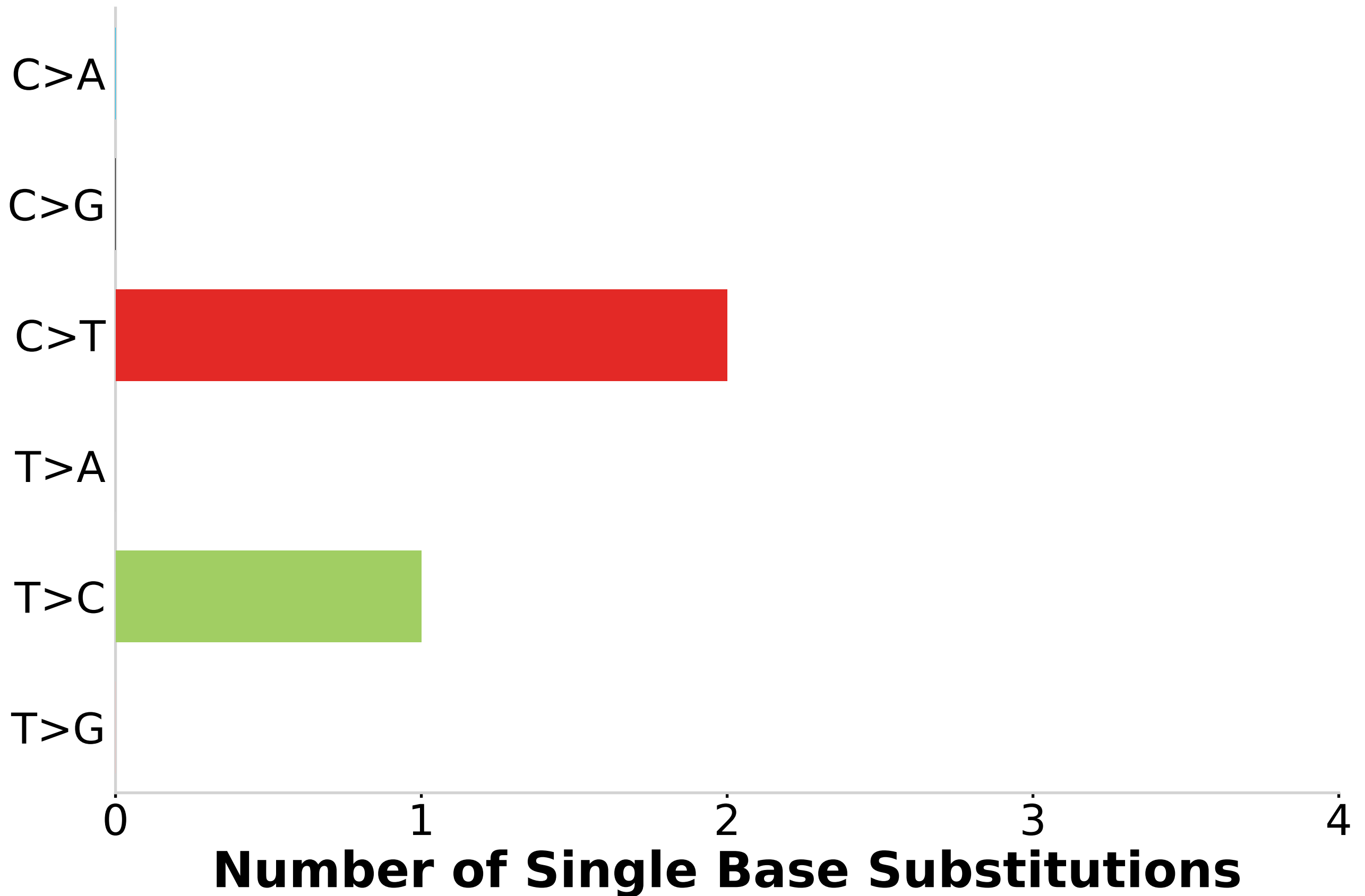
TCGA-A2-A0SY-01A-31D-A099-09: 7 subs



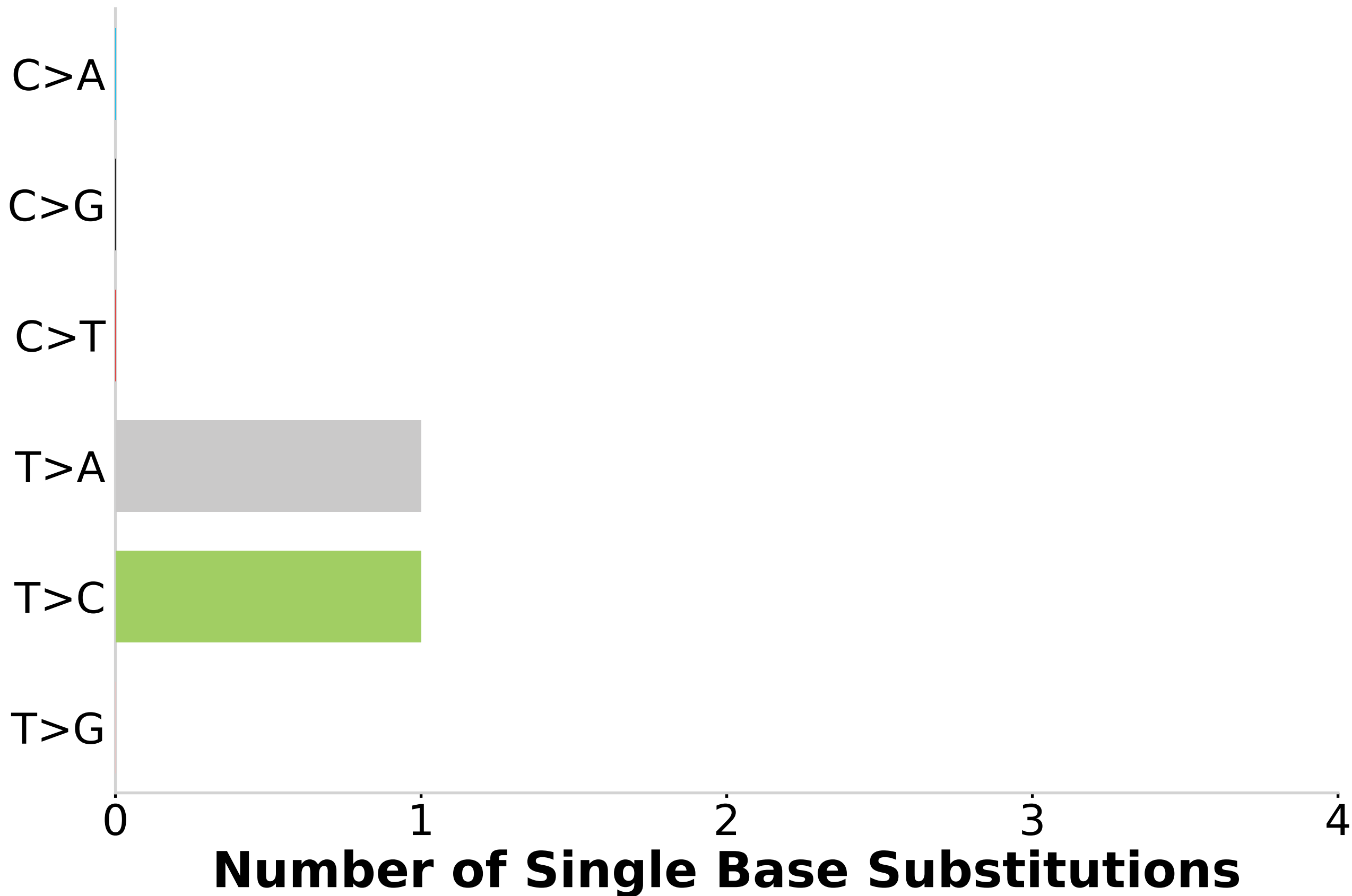
TCGA-A2-A0T0-01A-22D-A099-09: 7 subs



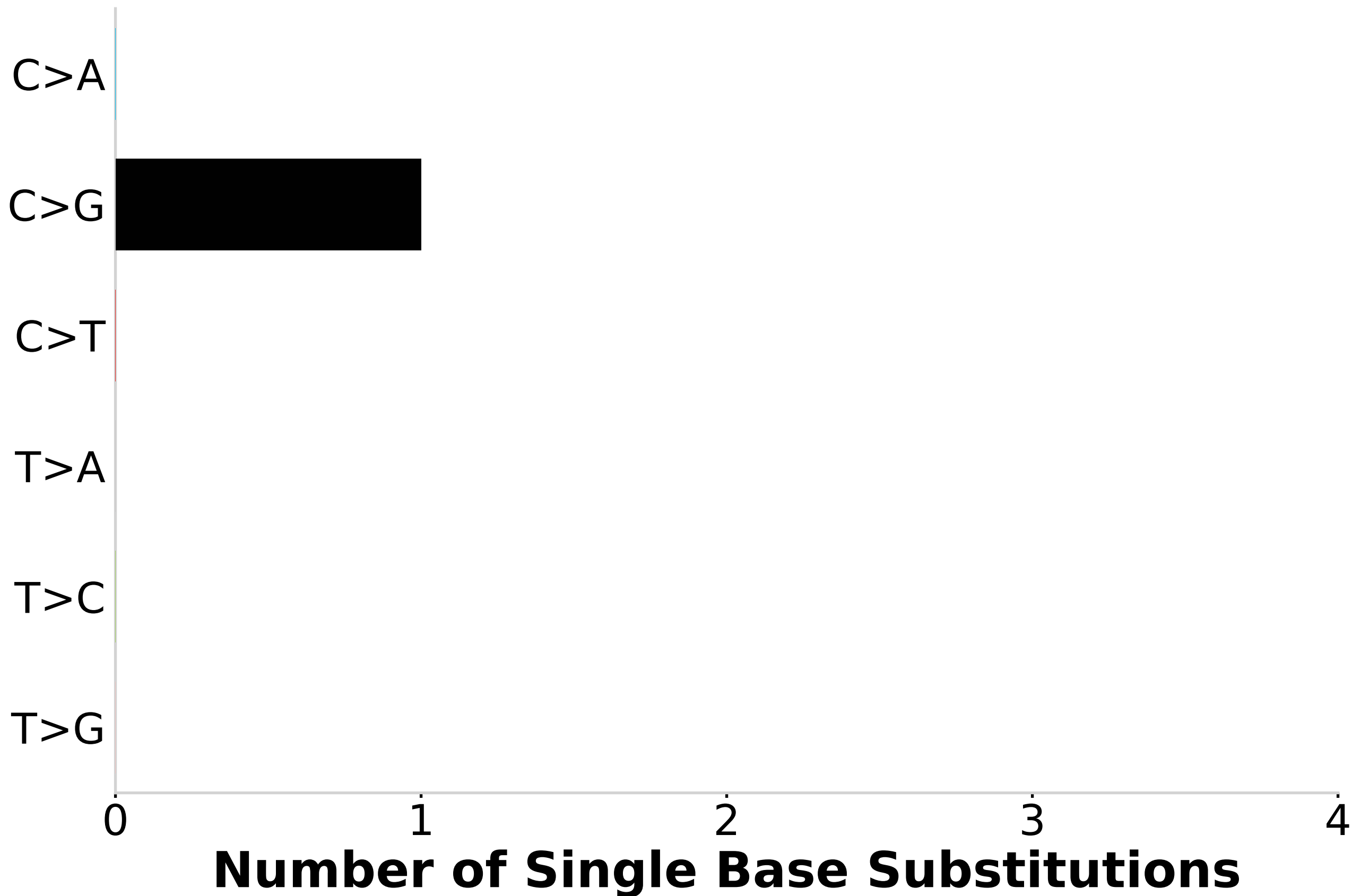
TCGA-A2-A0T1-01A-21D-A099-09: 3 subs



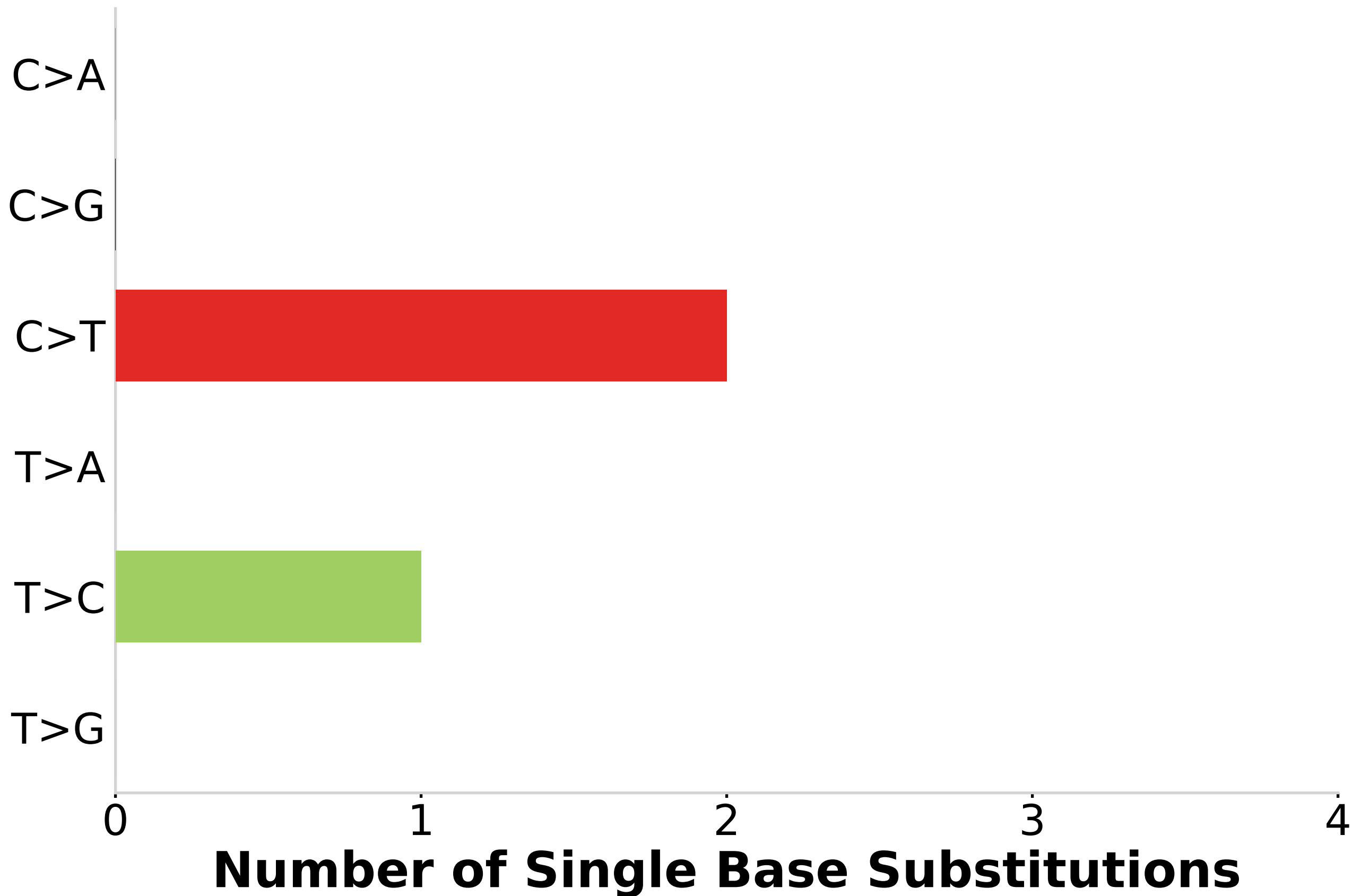
TCGA-A2-A0T2-01A-11W-A097-09: 2 subs



TCGA-A2-A0T3-01A-21D-A10Y-09: 1 subs



TCGA-A2-A0T4-01A-31D-A099-09: 3 subs



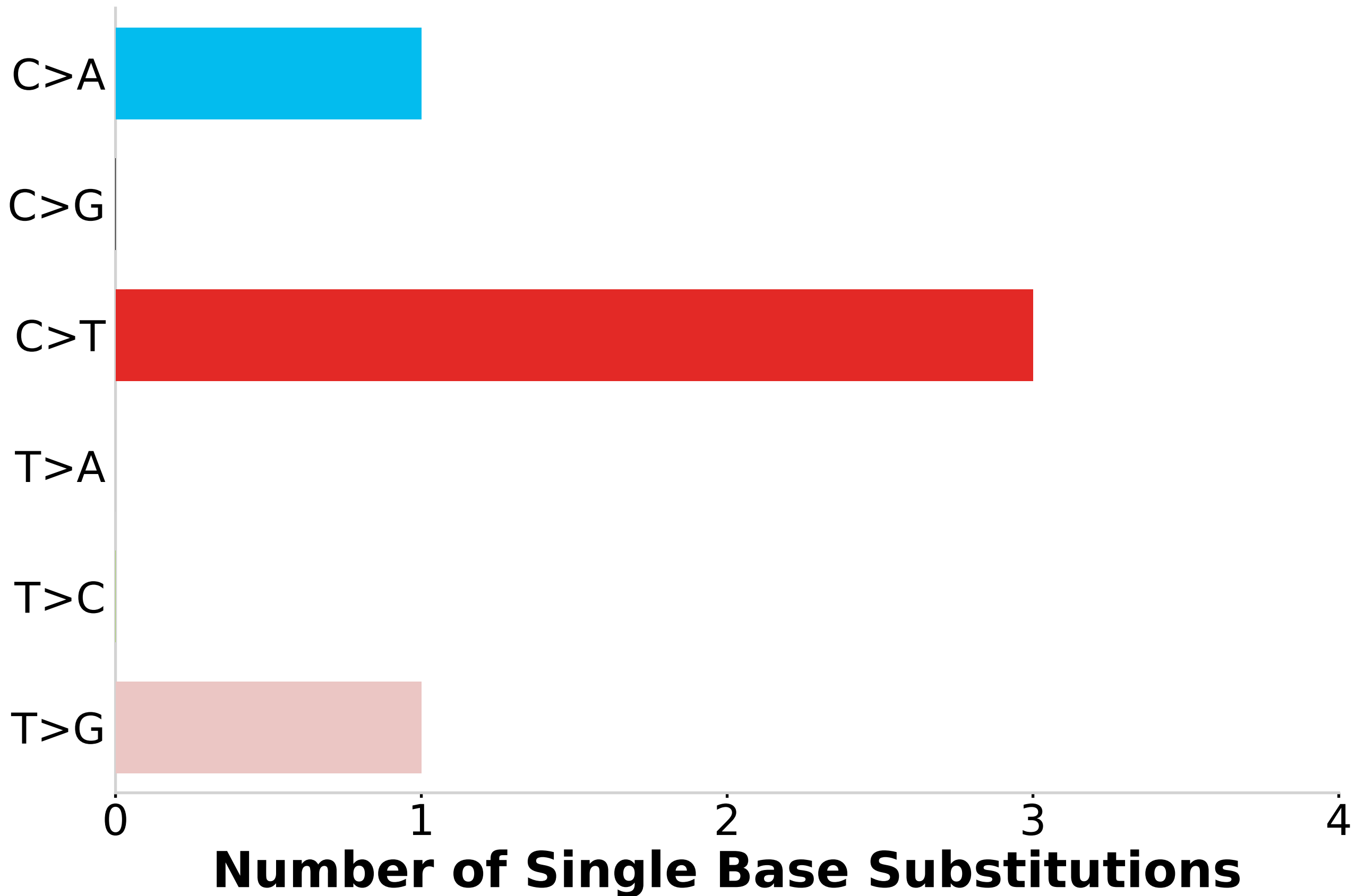
TCGA-A2-A0T5-01A-21D-A099-09: 1 subs



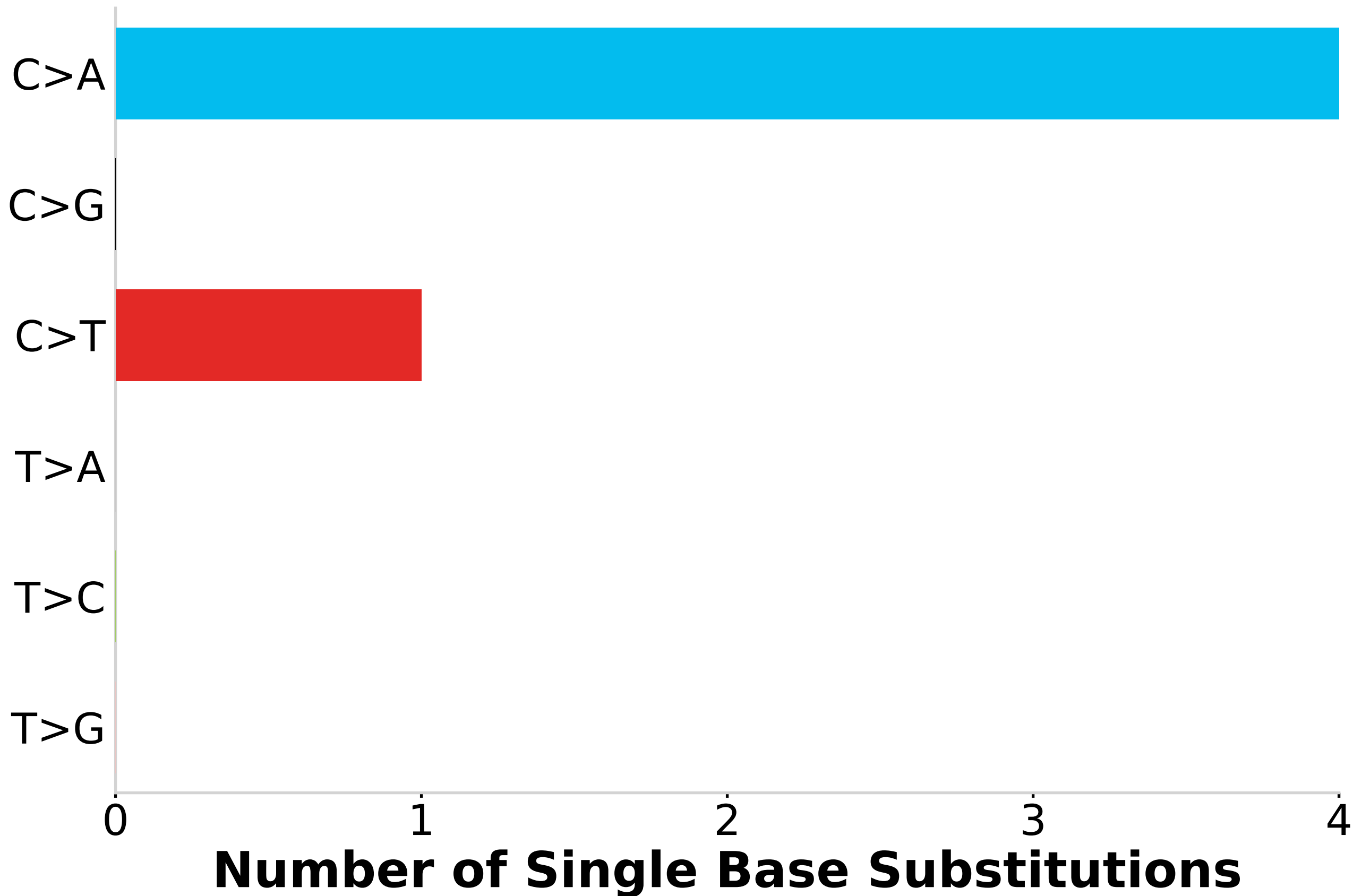
TCGA-A2-A0YC-01A-11D-A117-09: 1 subs



TCGA-A2-A0YD-01A-11D-A10G-09: 5 subs



TCGA-A2-A0YE-01A-11D-A10G-09: 5 subs



TCGA-A2-A0YH-01A-11D-A10G-09: 2 subs

C>A

C>G

C>T

T>A

T>C

T>G

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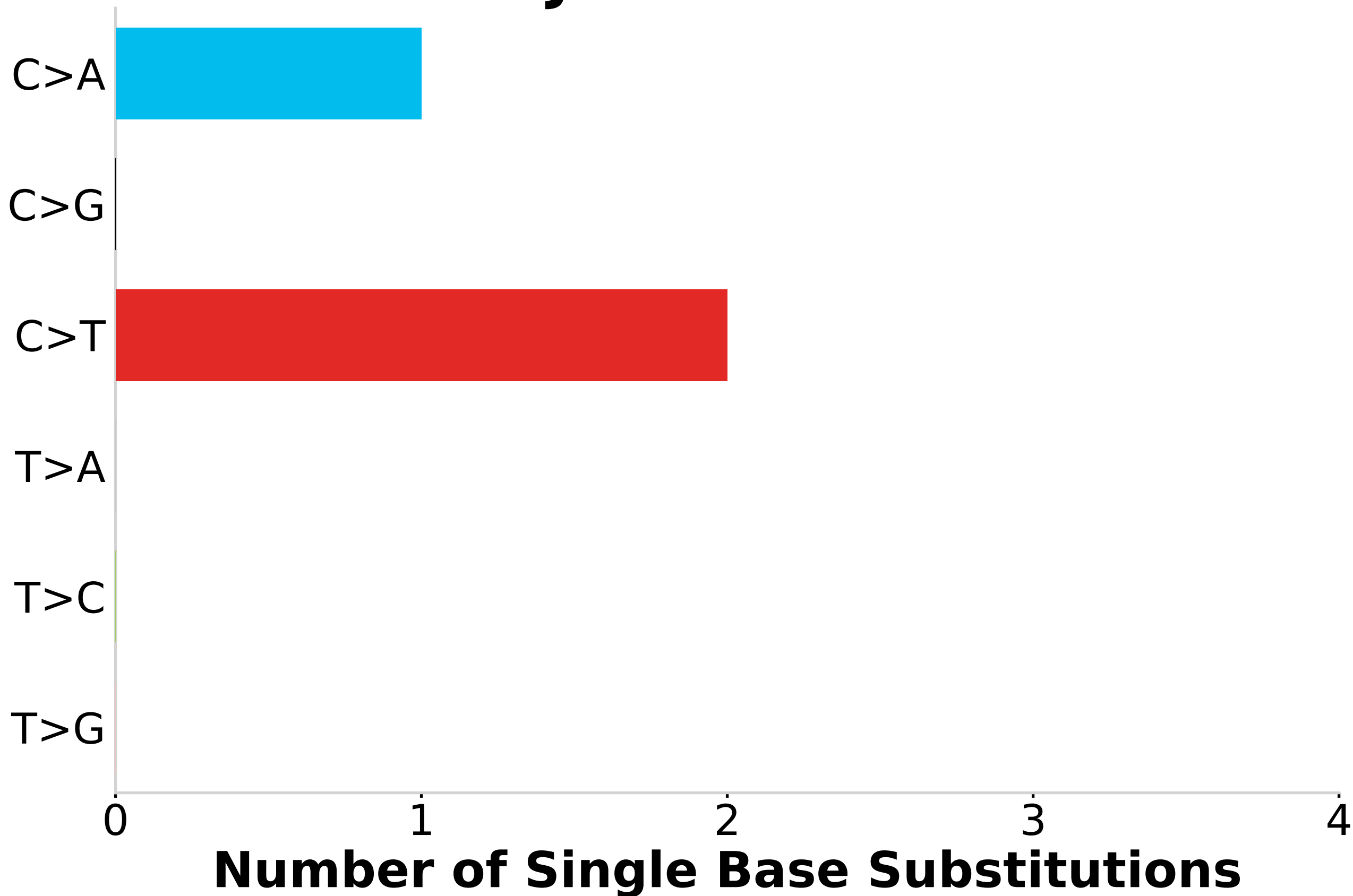
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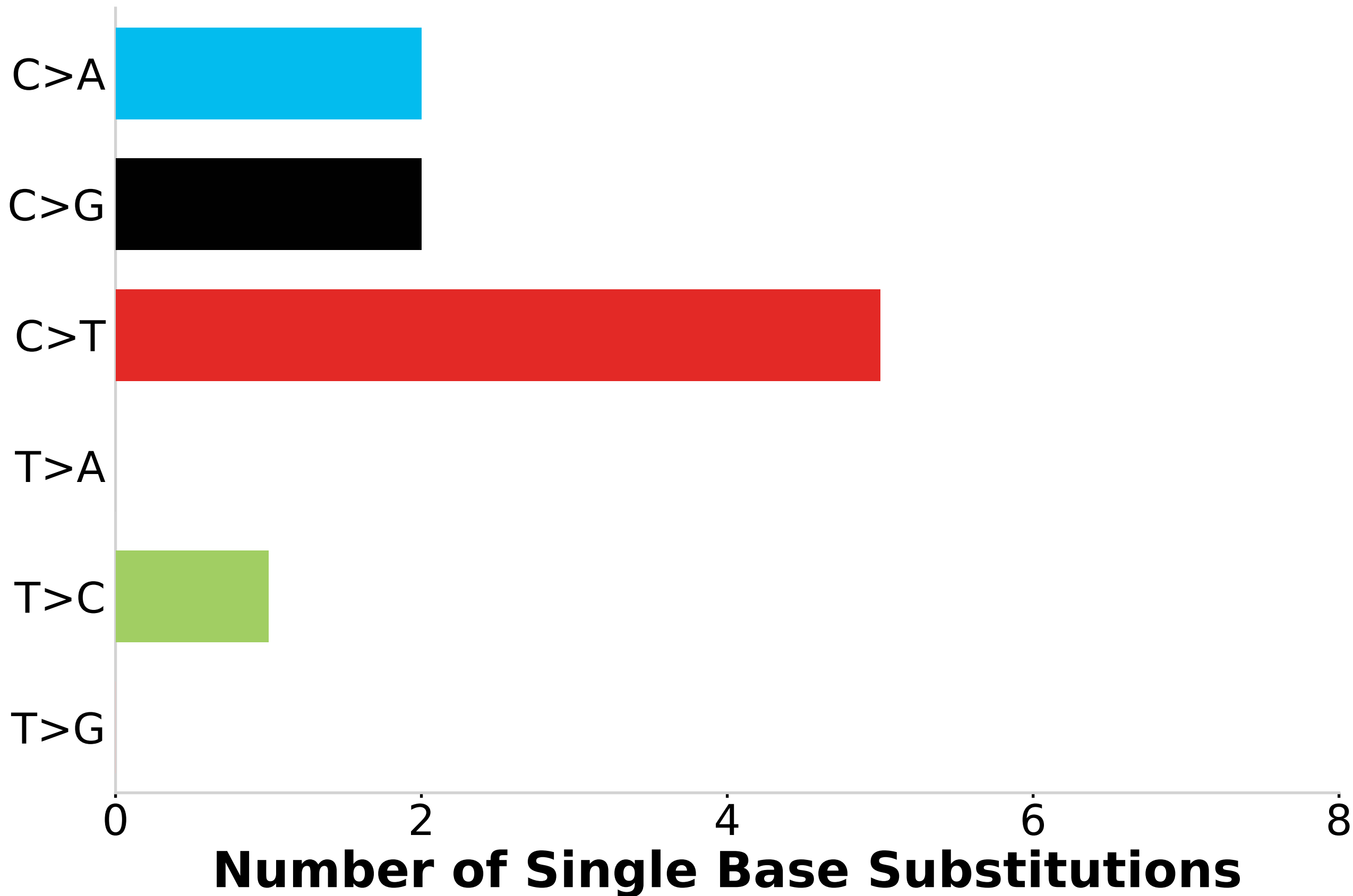
Number of Single Base Substitutions



TCGA-A2-A0YJ-01A-11D-A10G-09: 3 subs



TCGA-A2-A0YK-01A-22D-A117-09: 10 subs



TCGA-A2-A0YL-01A-21D-A10G-09: 1 subs

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C>G

C>T

T>A

T>C

T>G

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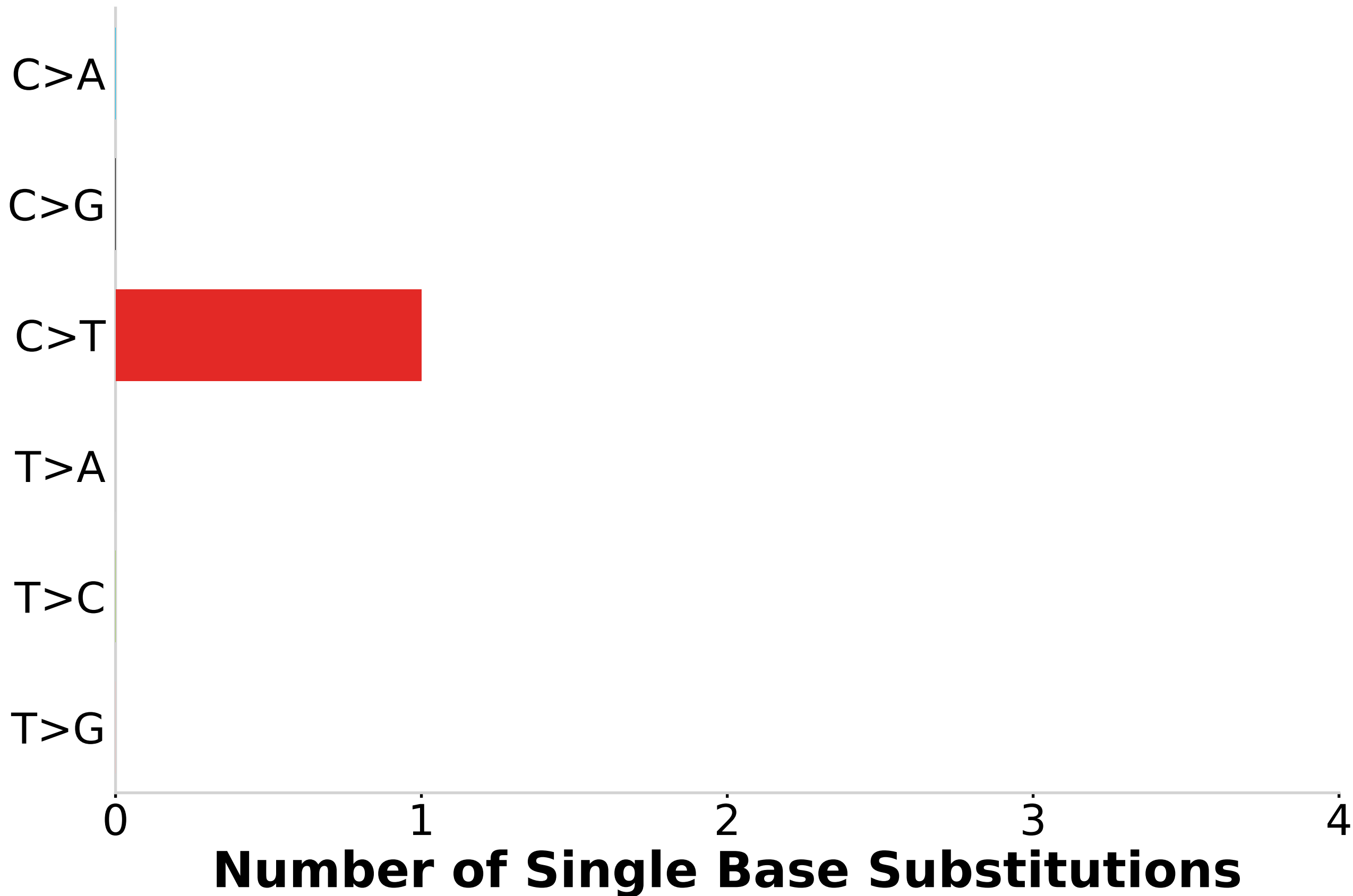
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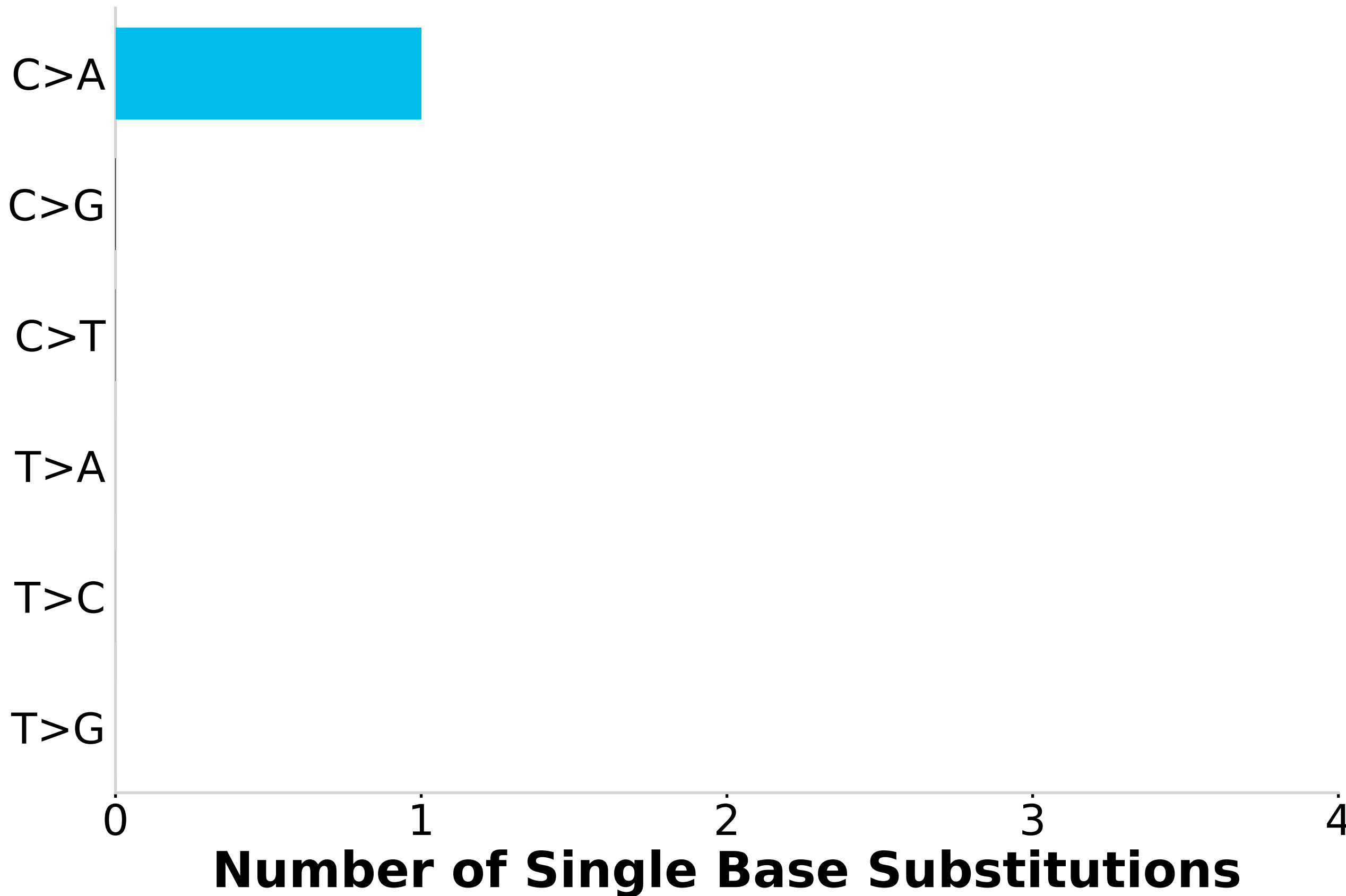
Number of Single Base Substitutions



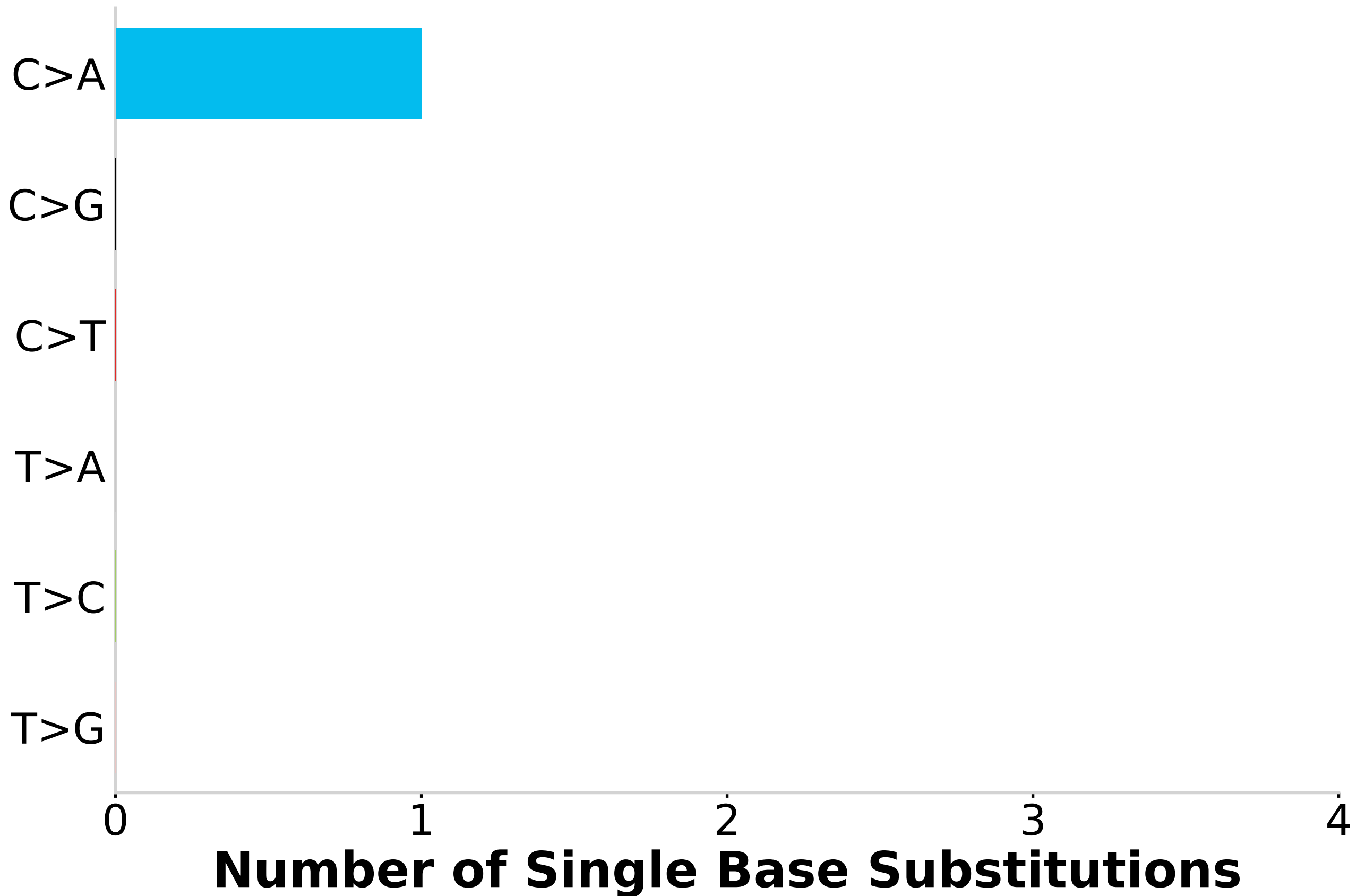
TCGA-A2-A0YM-01A-11D-A10G-09: 1 subs



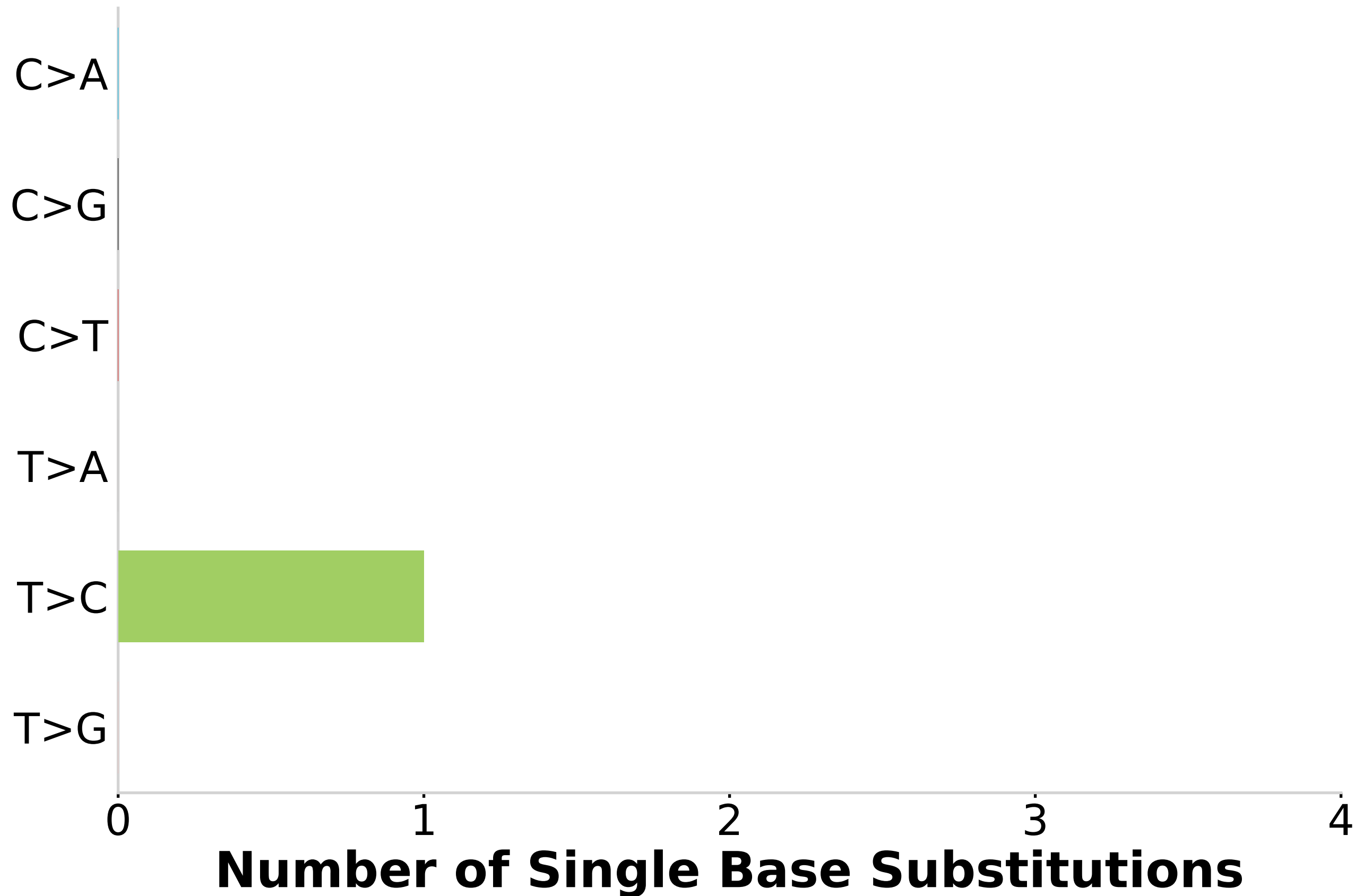
TCGA-A2-A0YT-01A-11D-A10G-09: 1 subs



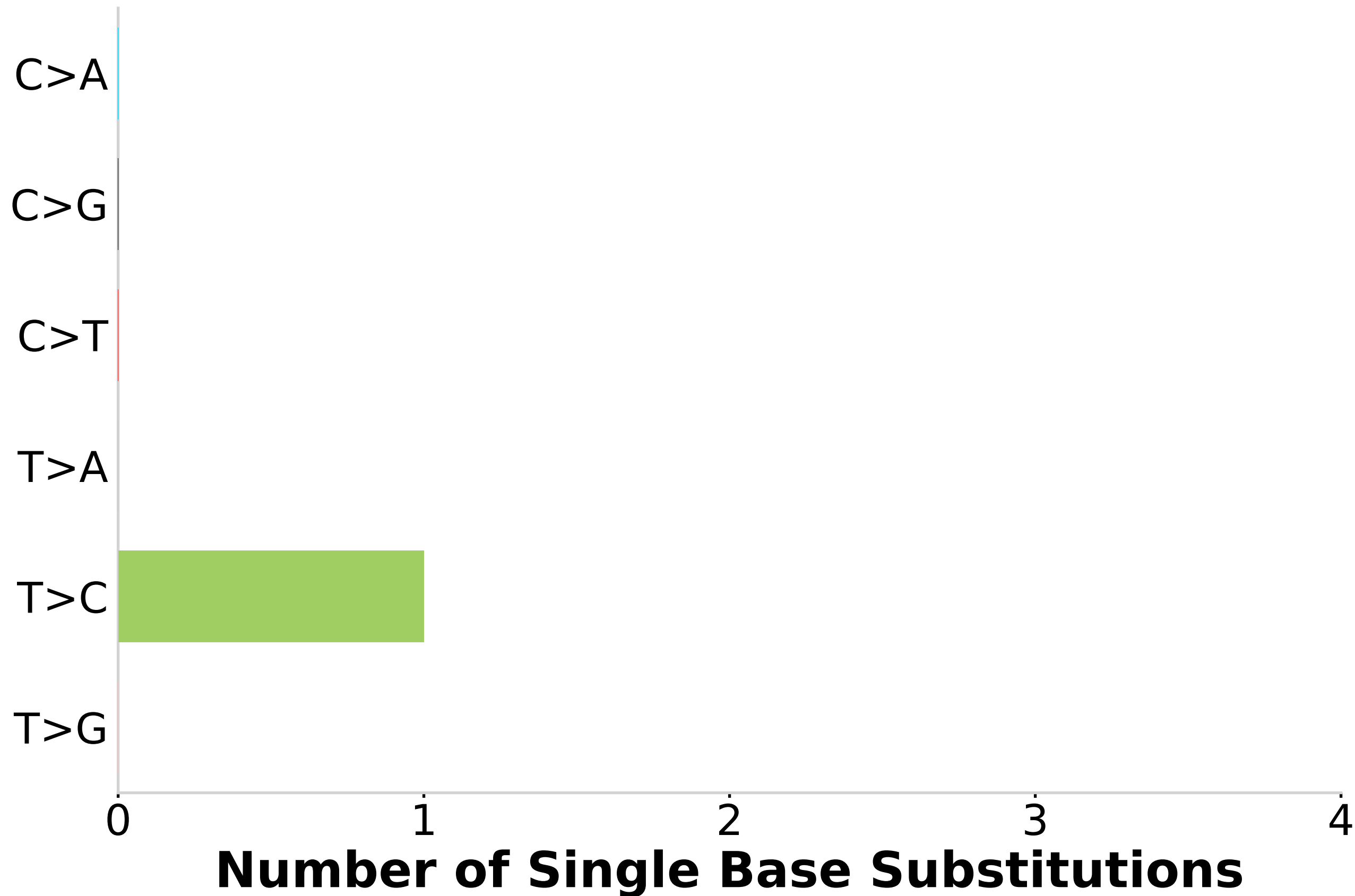
TCGA-A2-A1FW-01A-11D-A13L-09: 1 subs



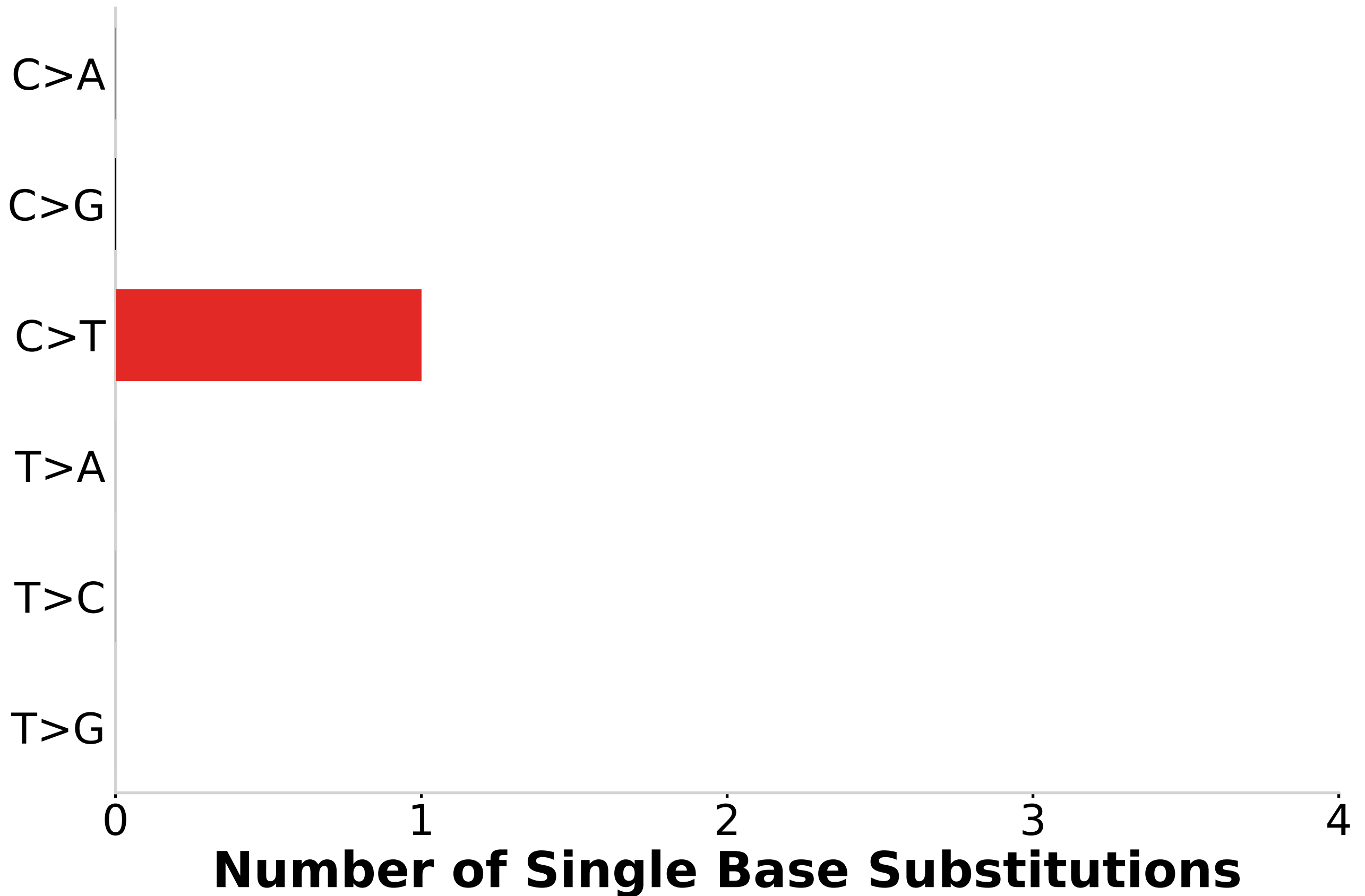
TCGA-A2-A1G0-01A-11D-A13L-09: 1 subs



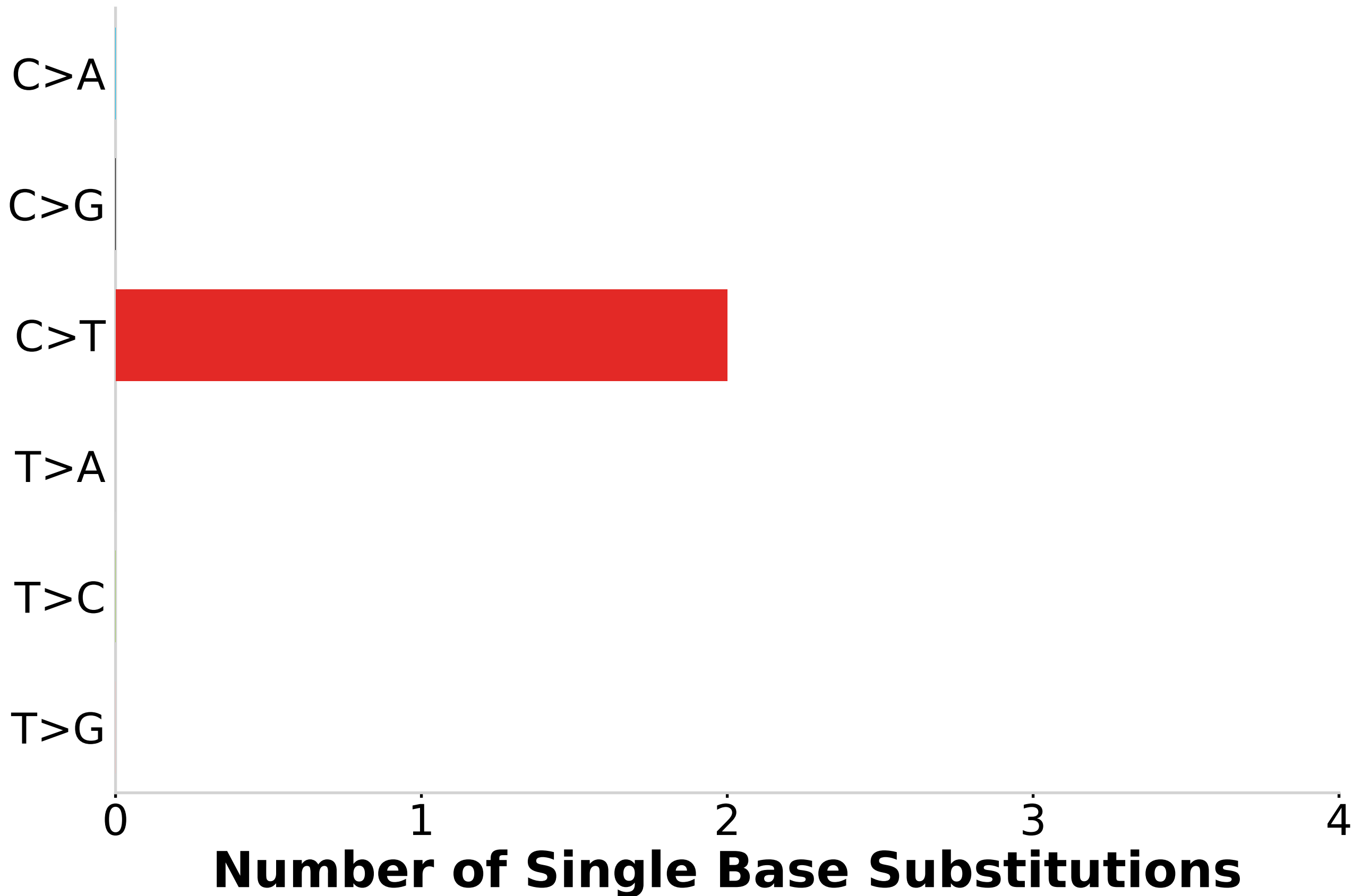
TCGA-A2-A1G1-01A-21D-A13L-09: 1 subs



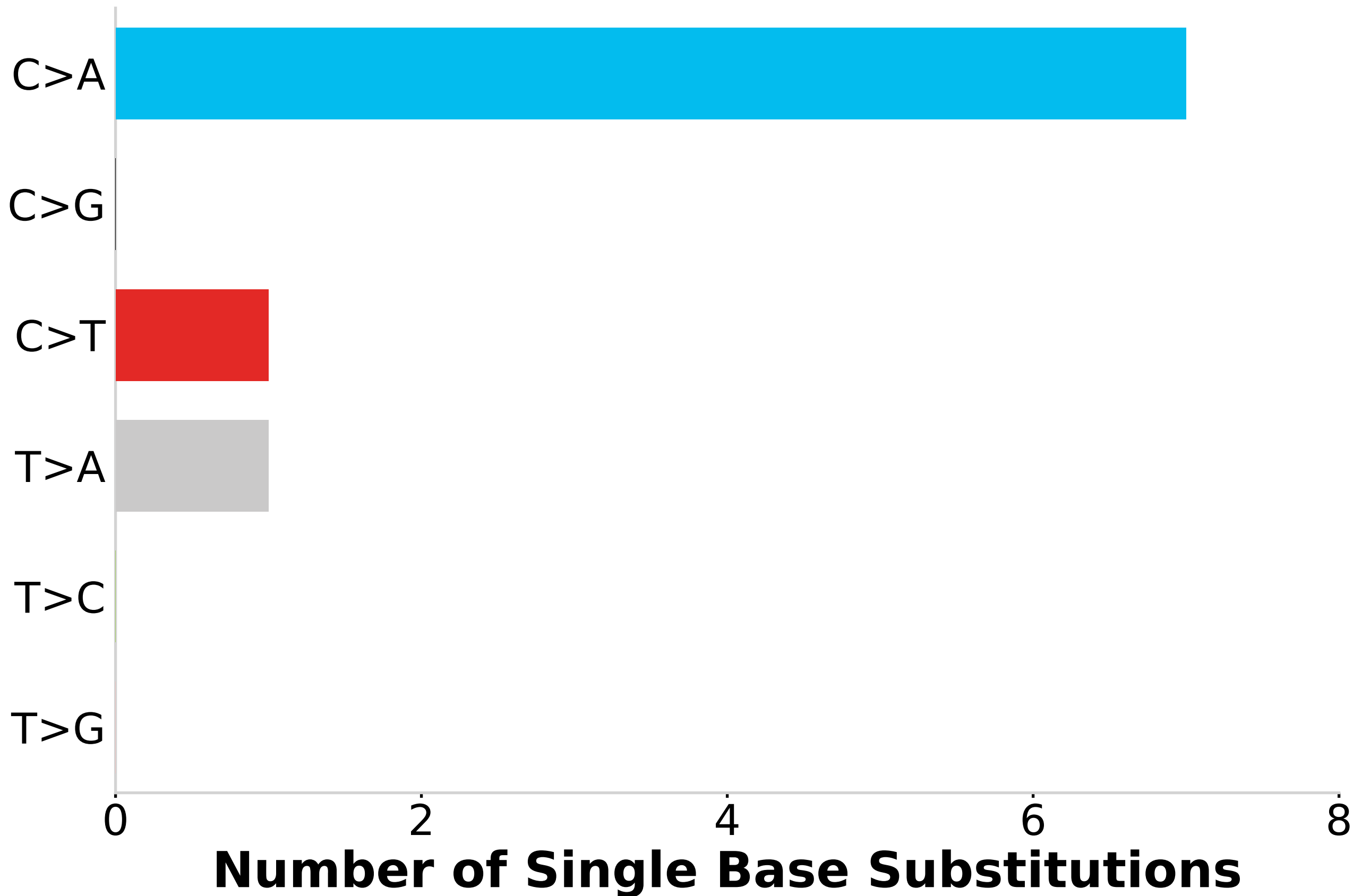
TCGA-A2-A1G4-01A-11D-A13L-09: 1 subs



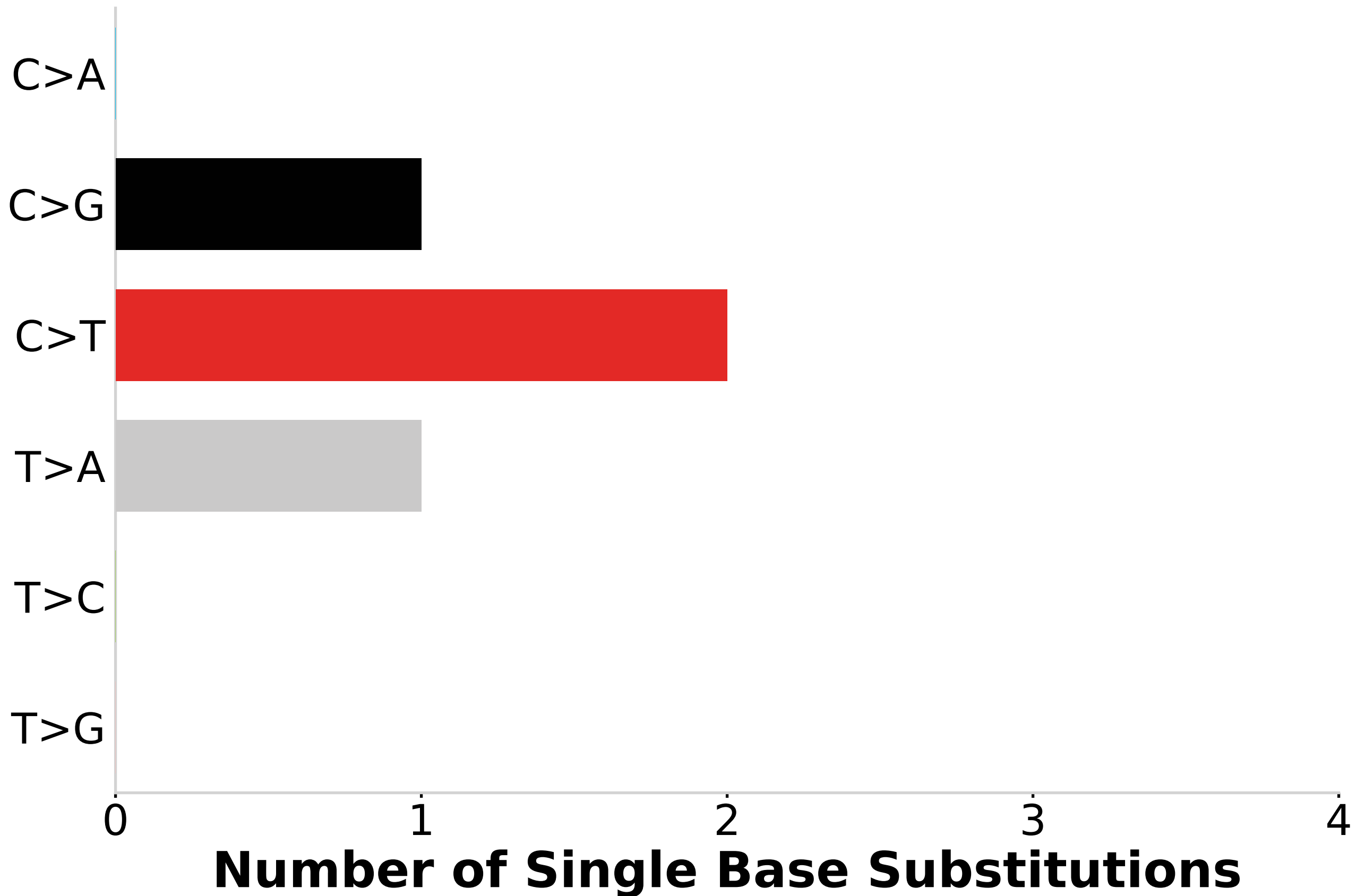
TCGA-A2-A259-01A-11D-A16D-09: 2 subs



TCGA-A2-A25A-01A-12D-A16D-09: 9 subs



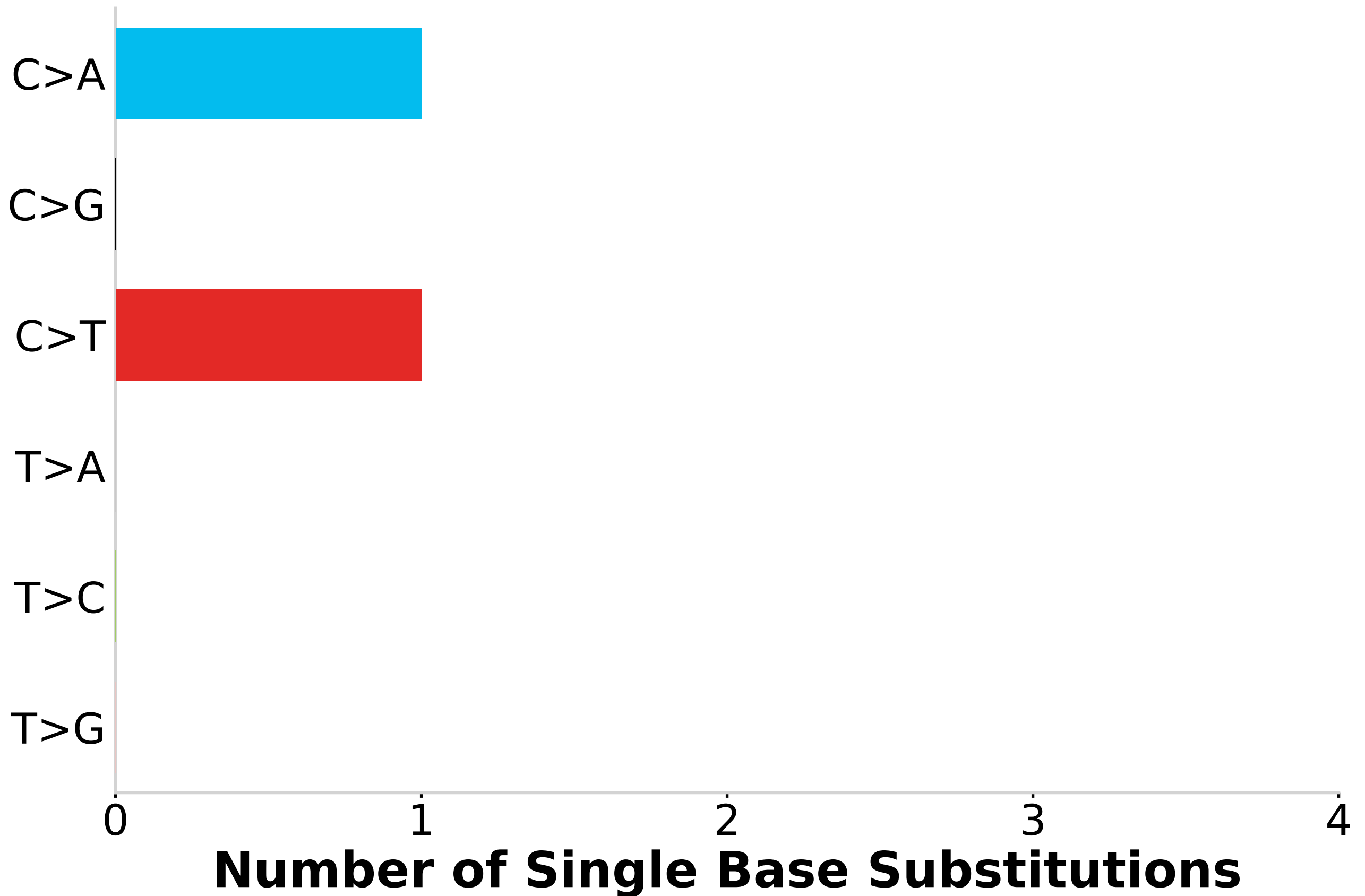
TCGA-A2-A25B-01A-11D-A167-09: 4 subs



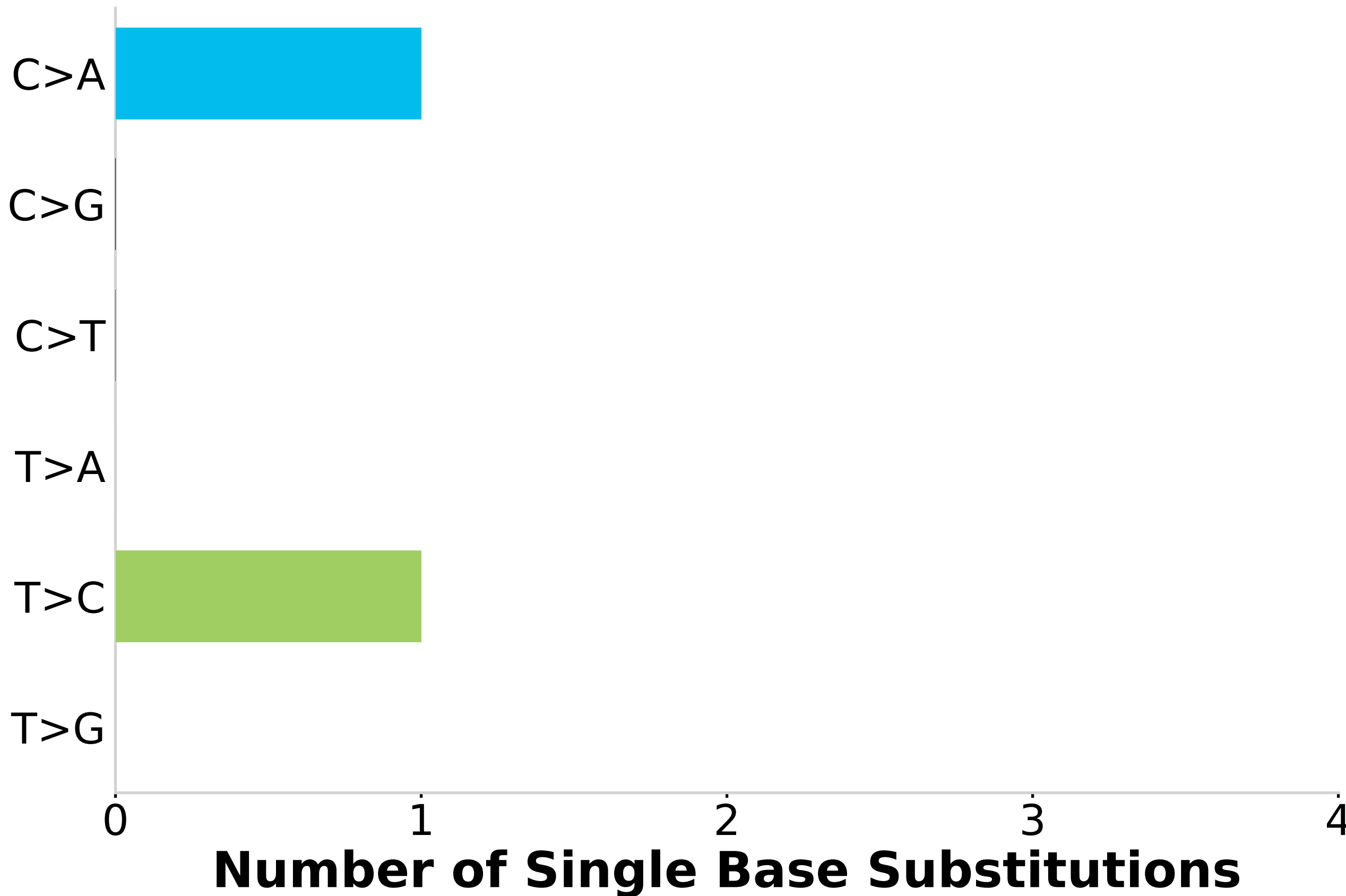
TCGA-A2-A25C-01A-11D-A167-09: 1 subs



TCGA-A2-A25D-01A-12D-A16D-09: 2 subs



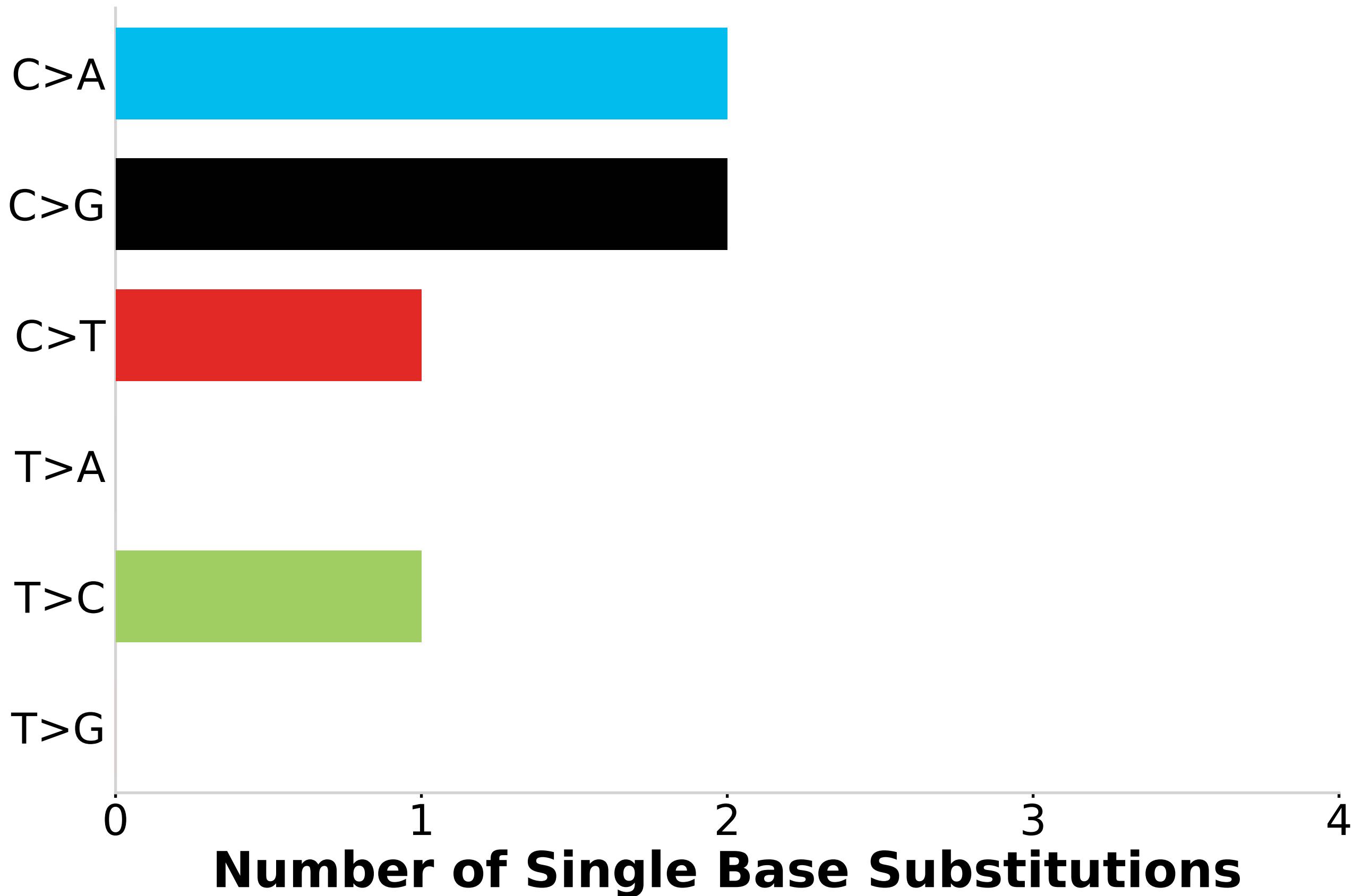
TCGA-A2-A25E-01A-11D-A167-09: 2 subs



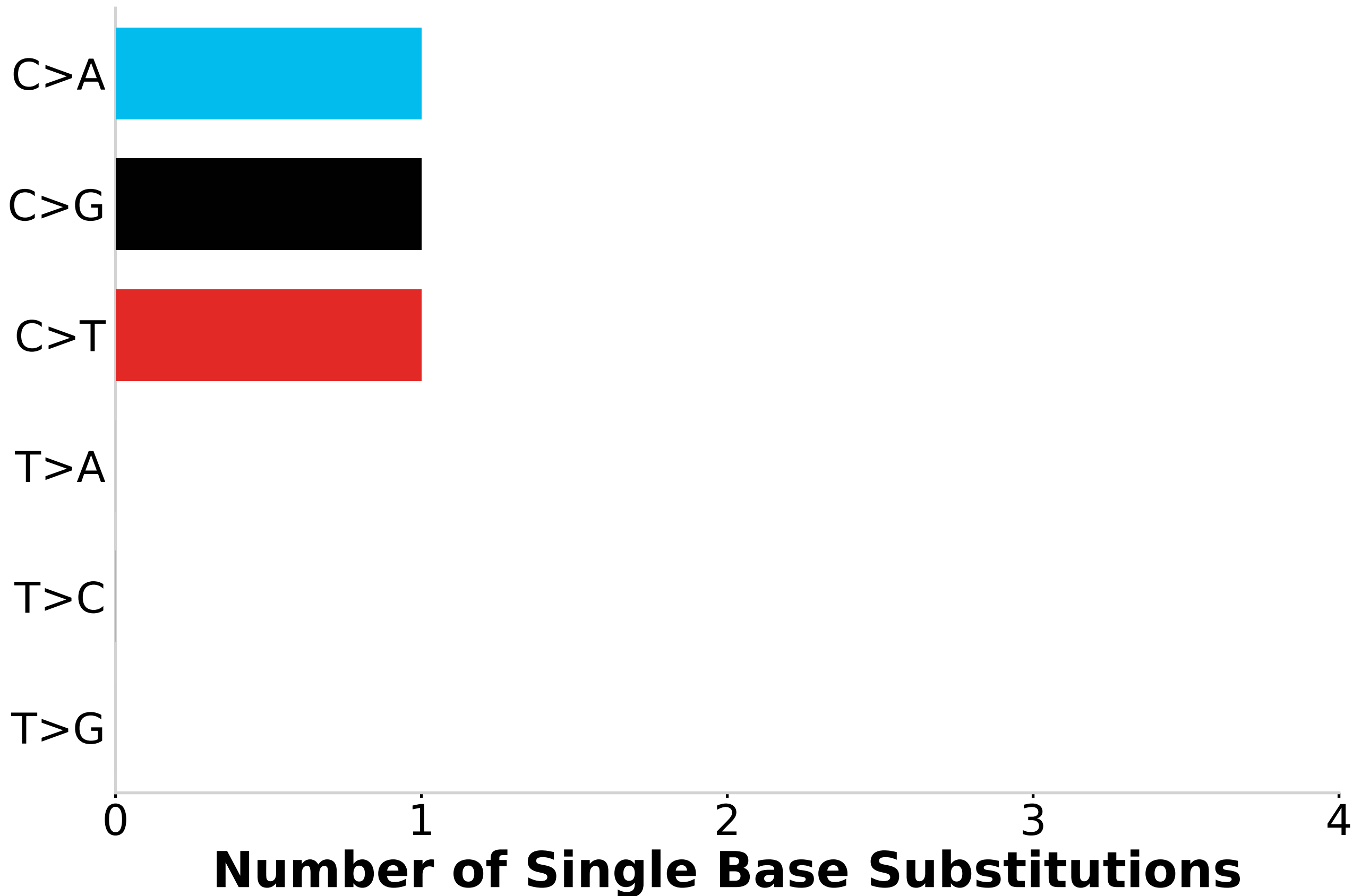
TCGA-A2-A3KD-01A-12D-A20S-09: 1 subs



TCGA-A2-A3XT-01A-11D-A22X-09: 6 subs



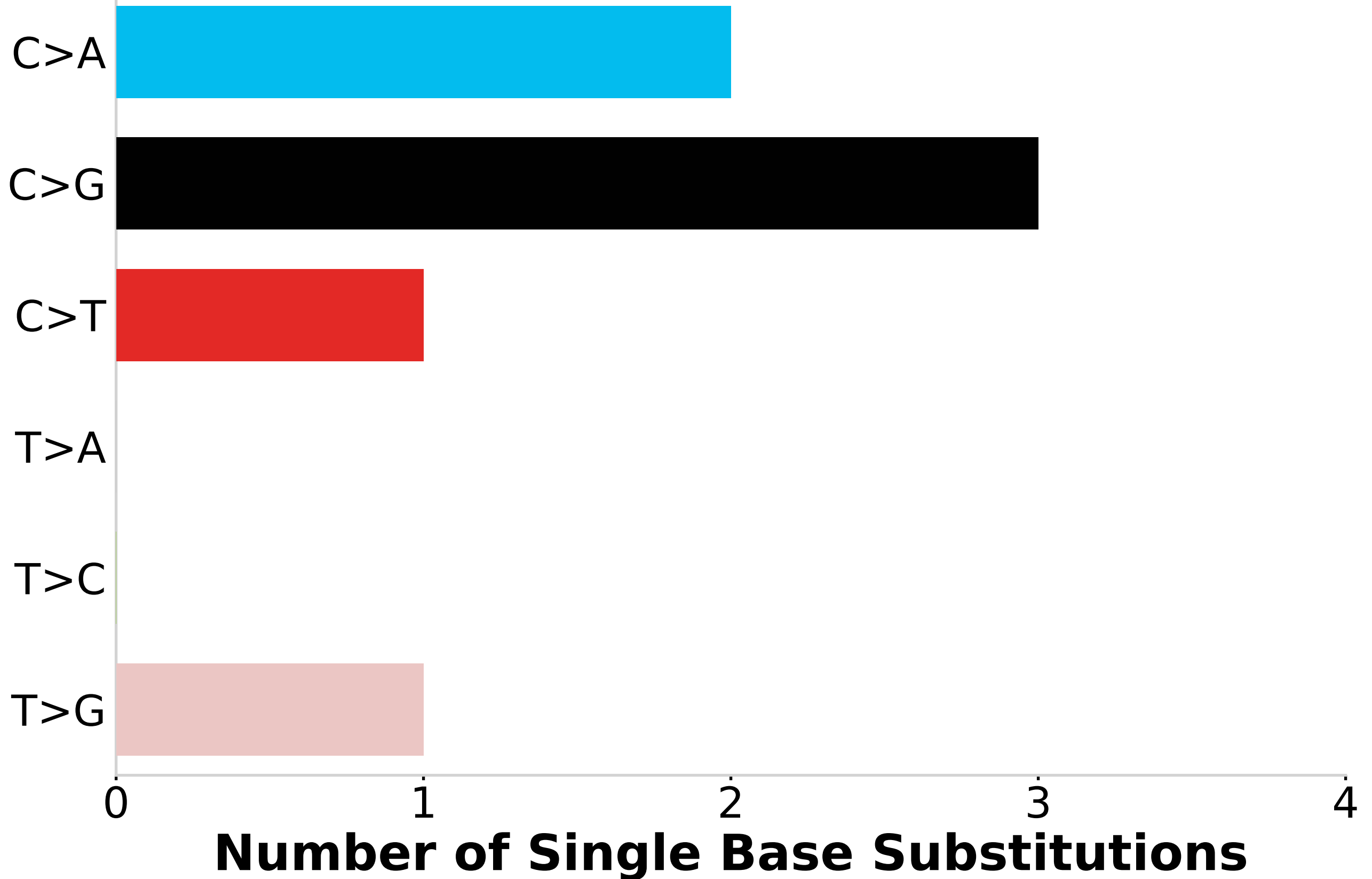
TCGA-A2-A3XU-01A-12D-A22X-09: 3 subs



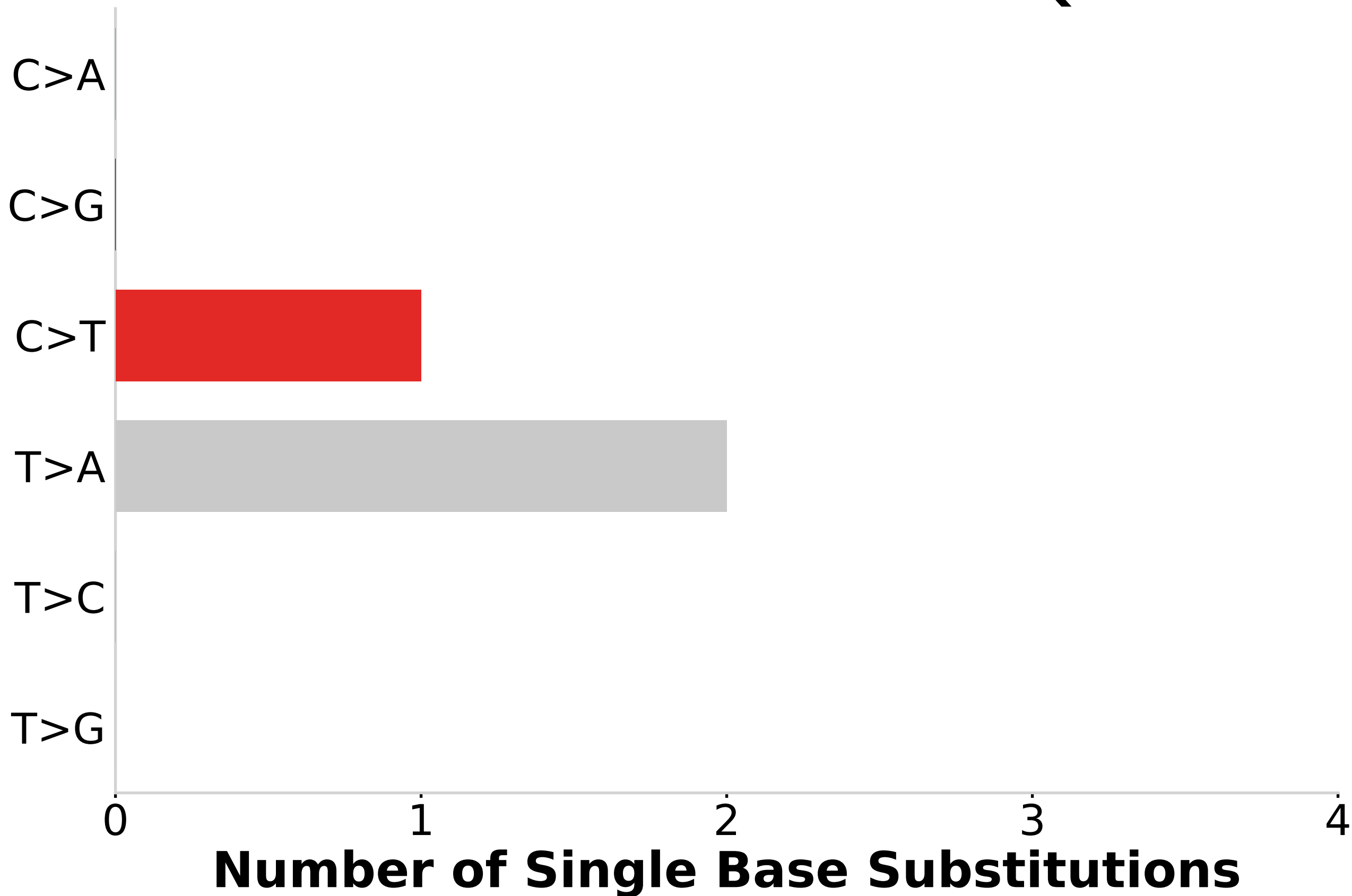
TCGA-A2-A3XZ-01A-42D-A23C-09: 1 subs



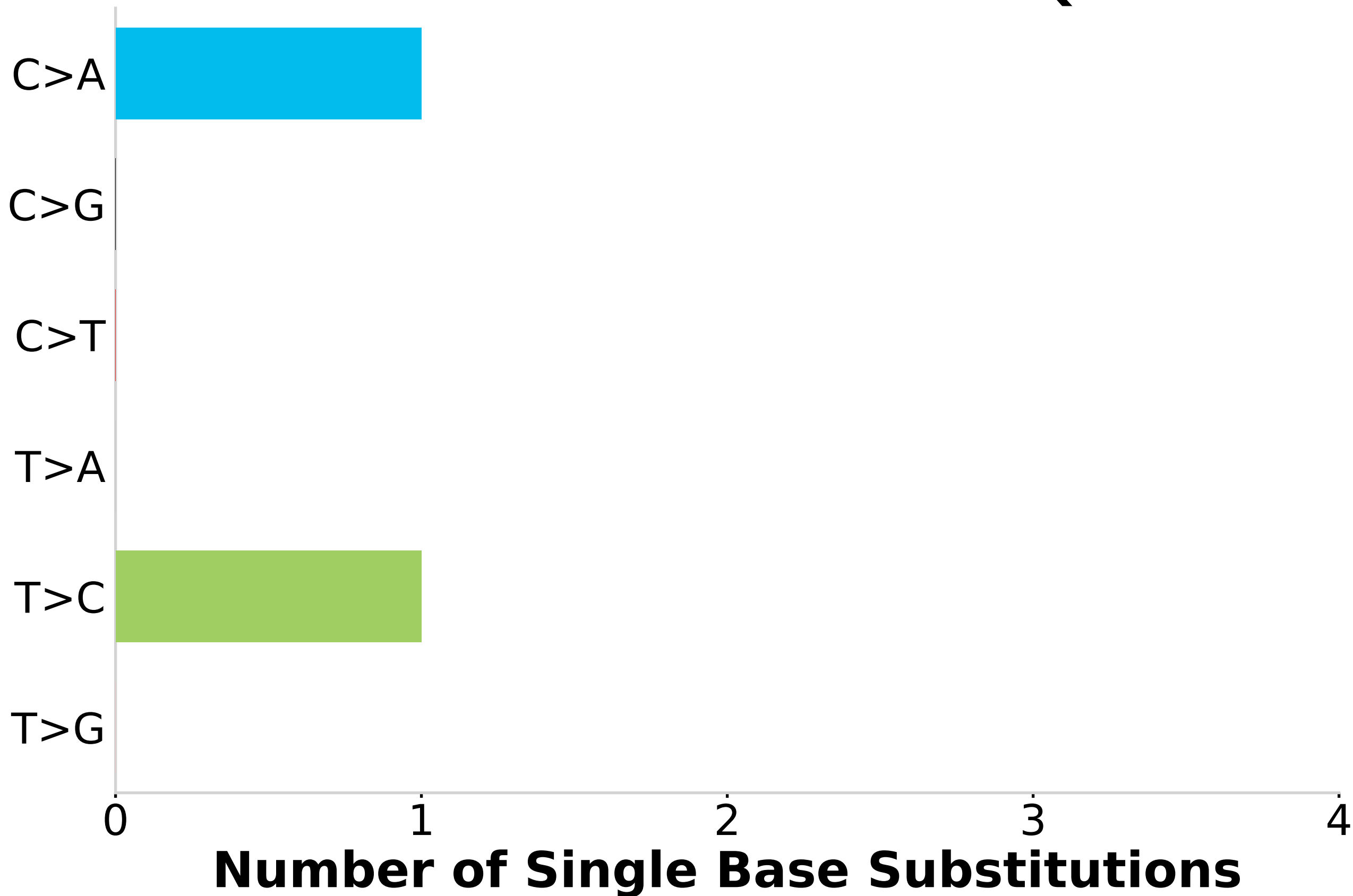
TCGA-A2-A3Y0-01A-11D-A23C-09: 7 subs



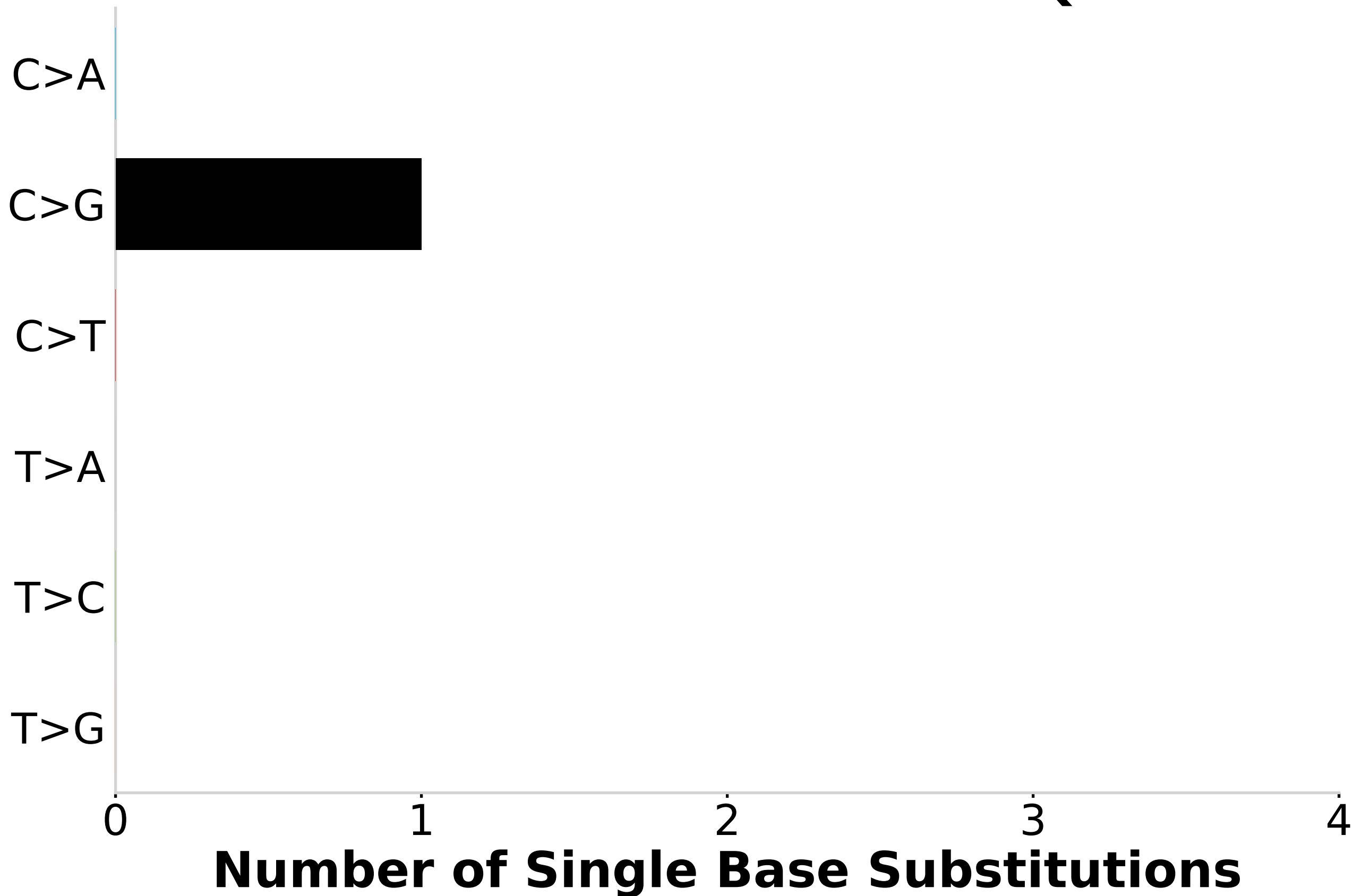
TCGA-A2-A4S1-01A-21D-A25Q-09: 3 subs



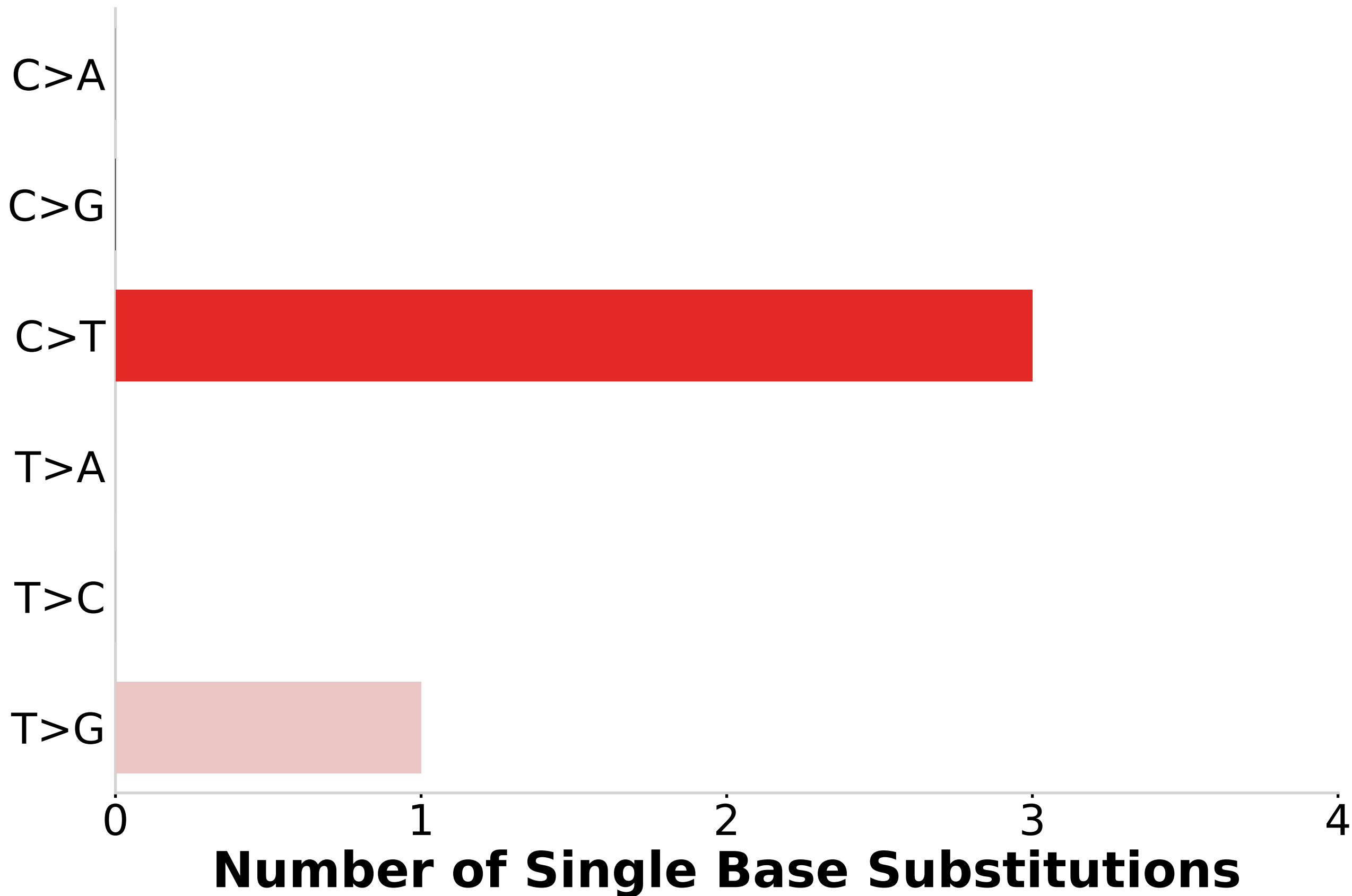
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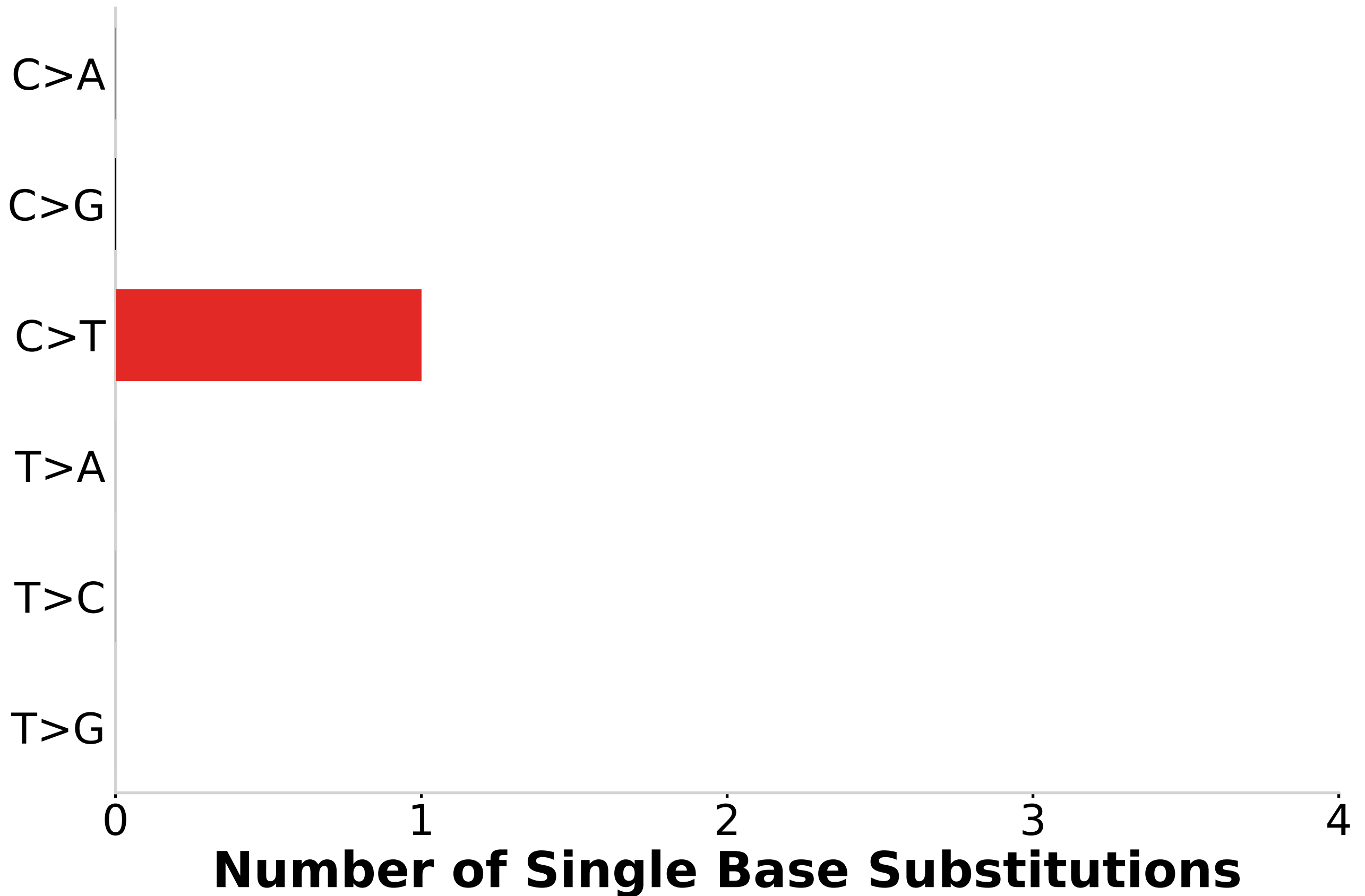
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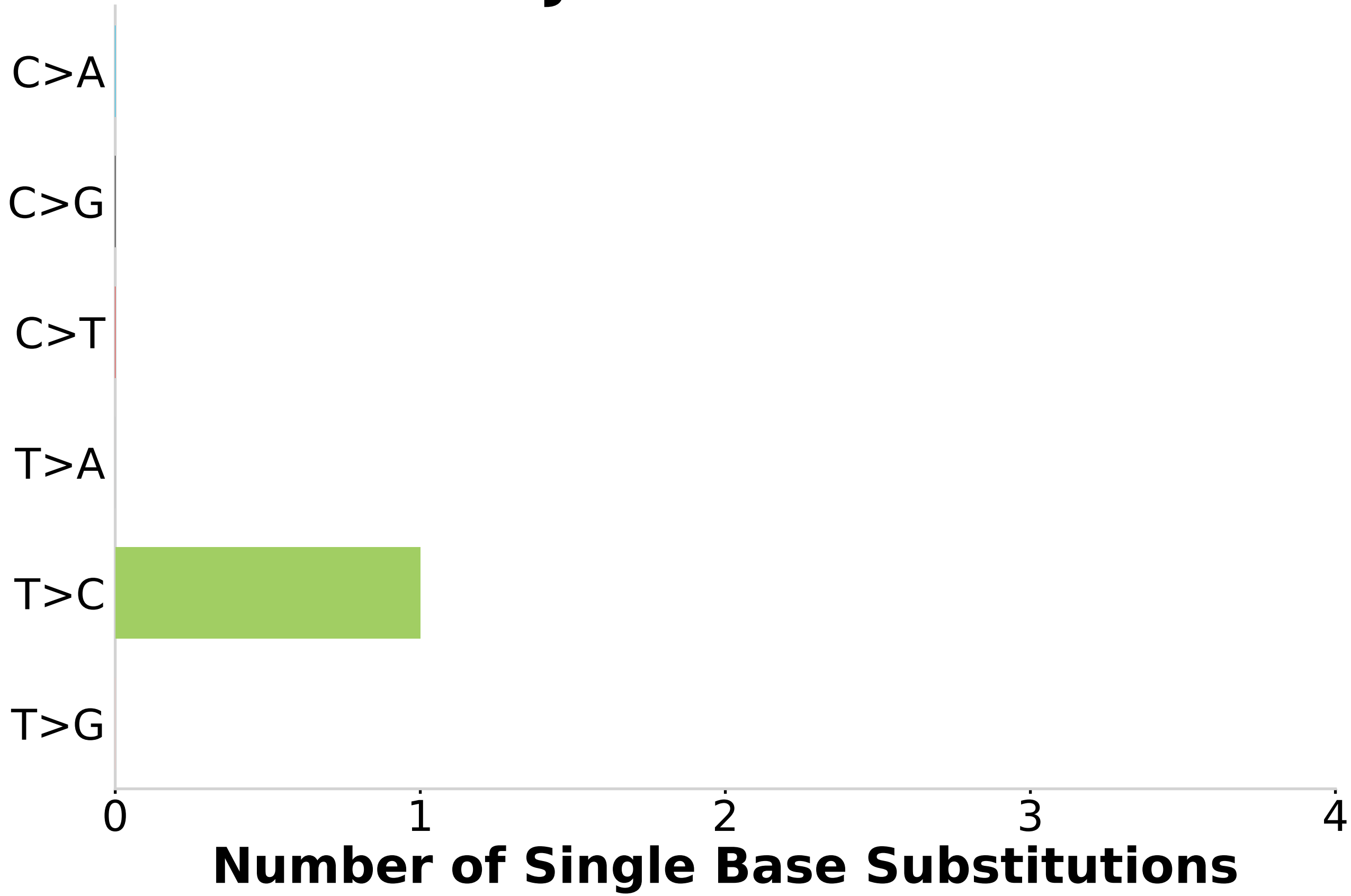
TCGA-A7-A0CE-01A-11W-A019-09: 4 subs



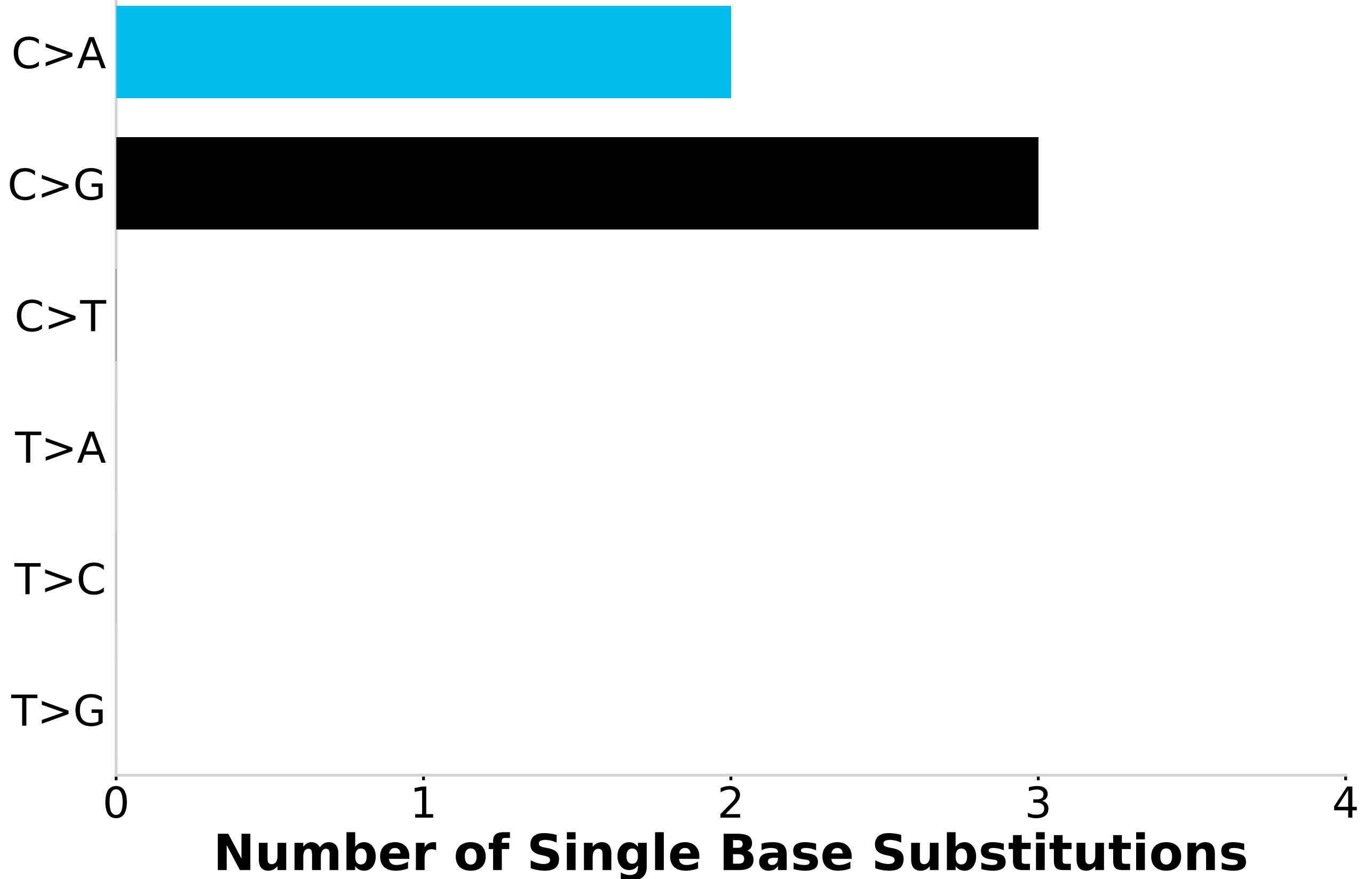
TCGA-A7-A0CG-01A-11W-A019-09: 1 subs



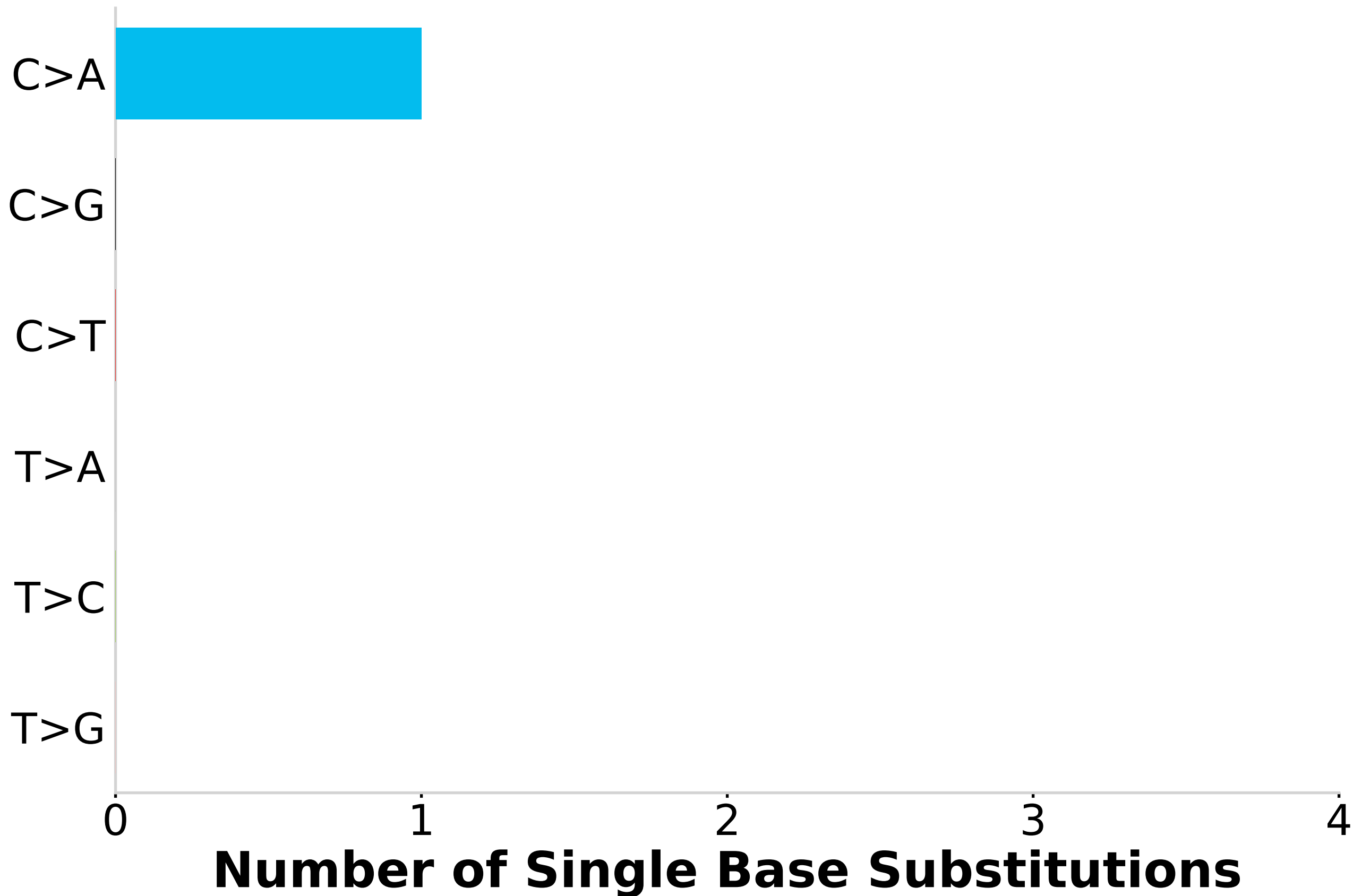
TCGA-A7-A0CJ-01A-21W-A019-09: 1 subs



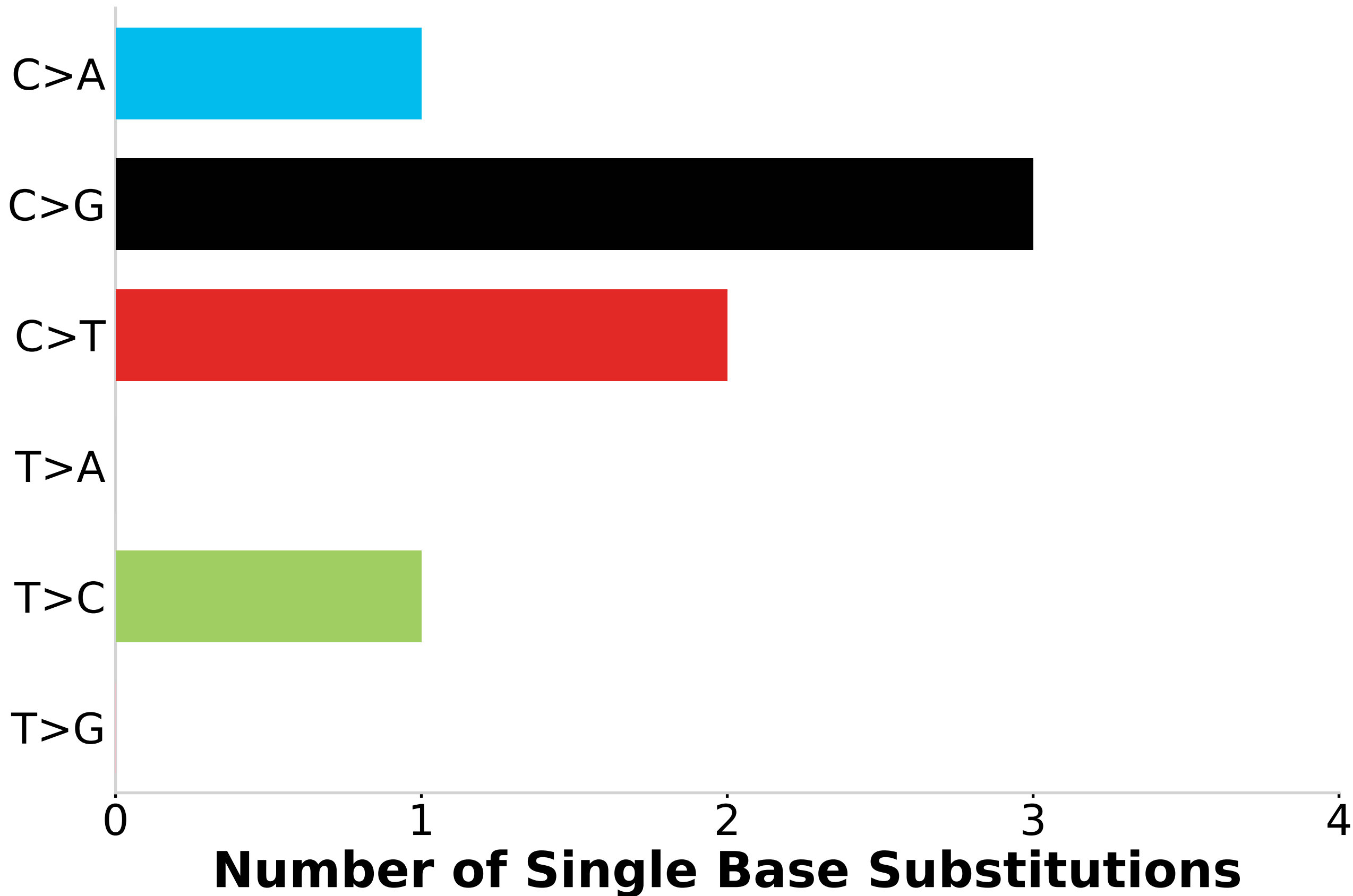
TCGA-A7-A0DA-01A-31D-A10Y-09: 5 subs



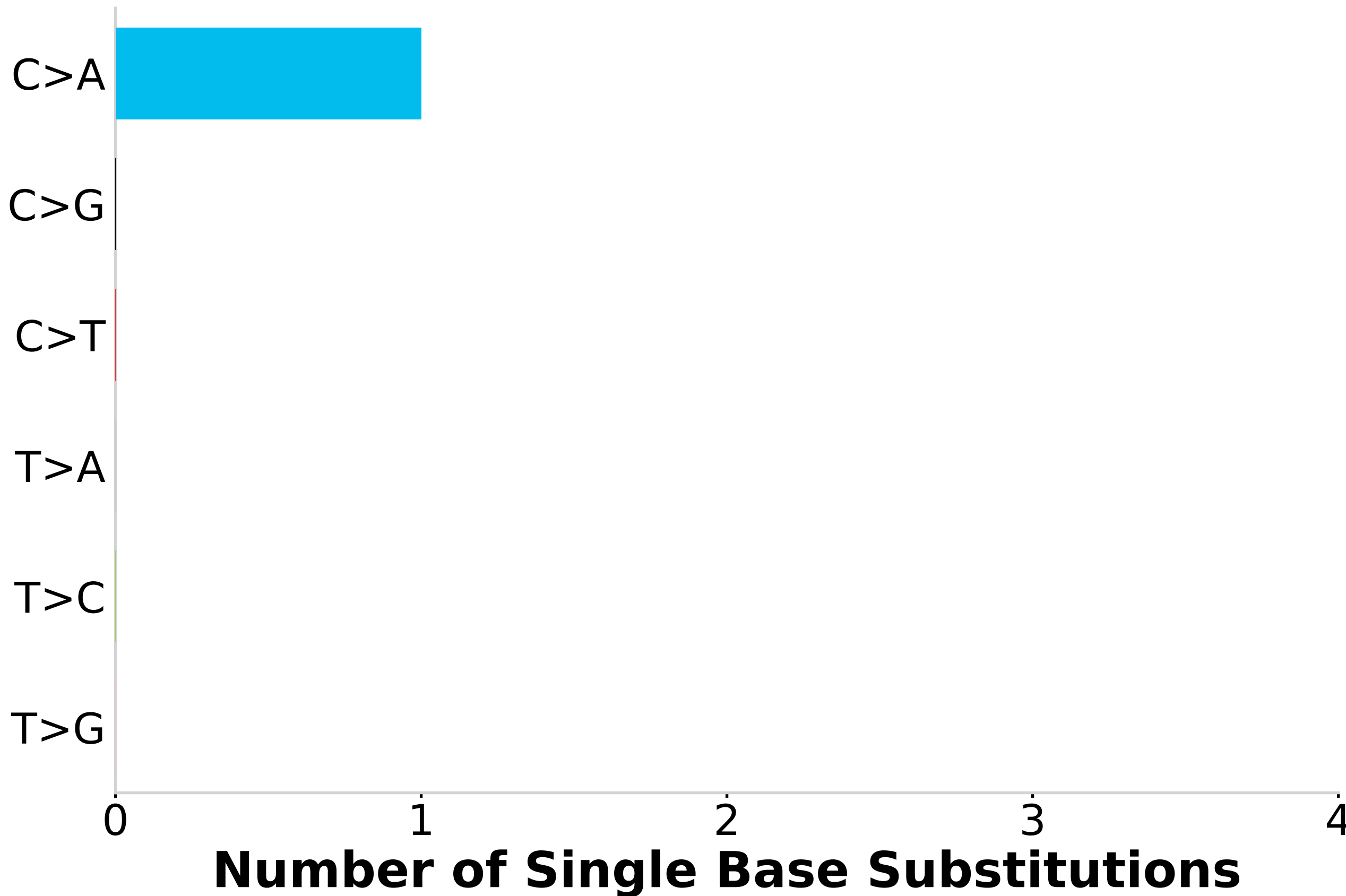
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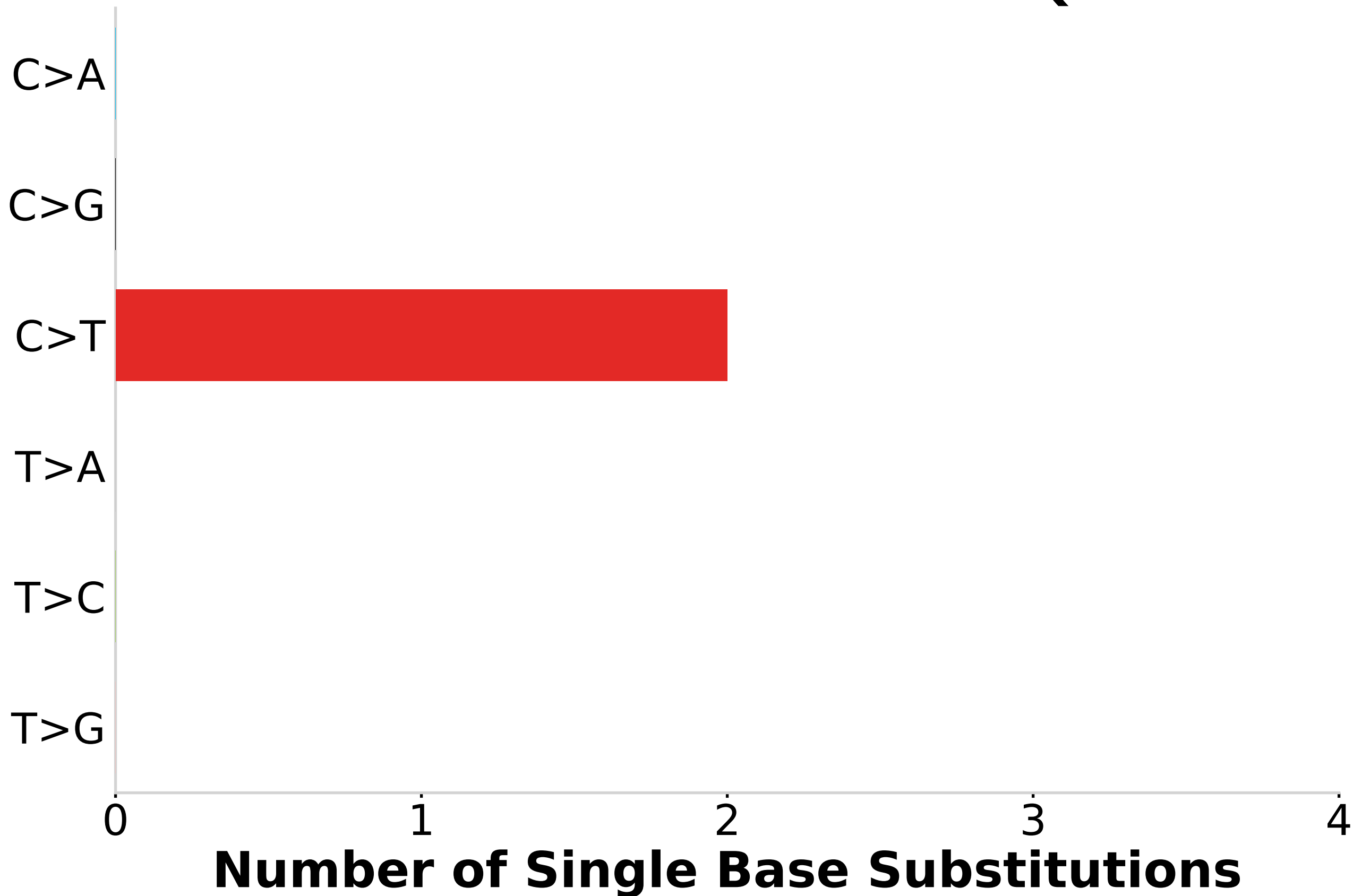
TCGA-A7-A13D-01A-13D-A272-09: 7 subs



TCGA-A7-A13E-01A-11D-A272-09: 1 subs



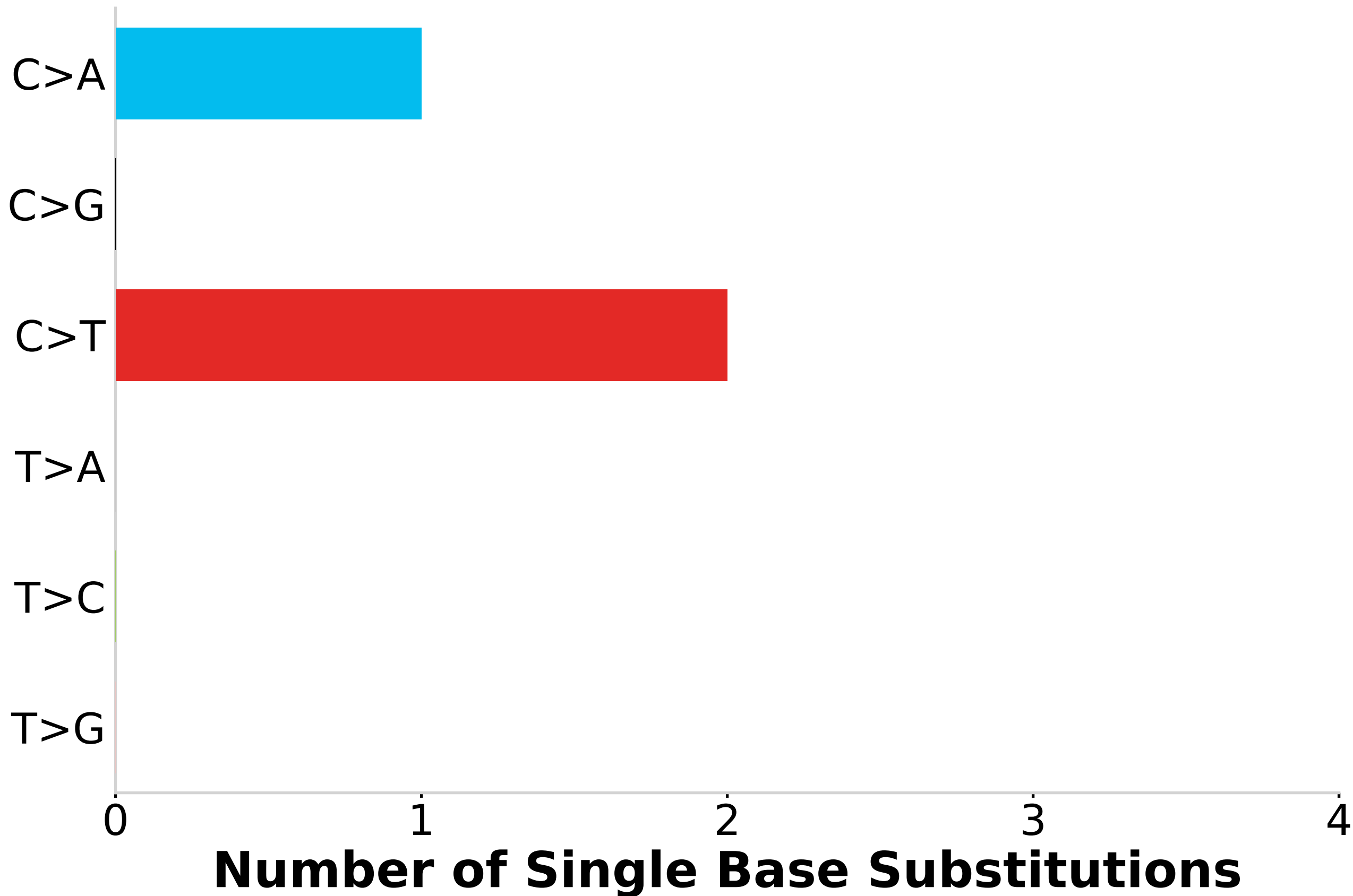
TCGA-A7-A13F-01A-11D-A12Q-09: 2 subs



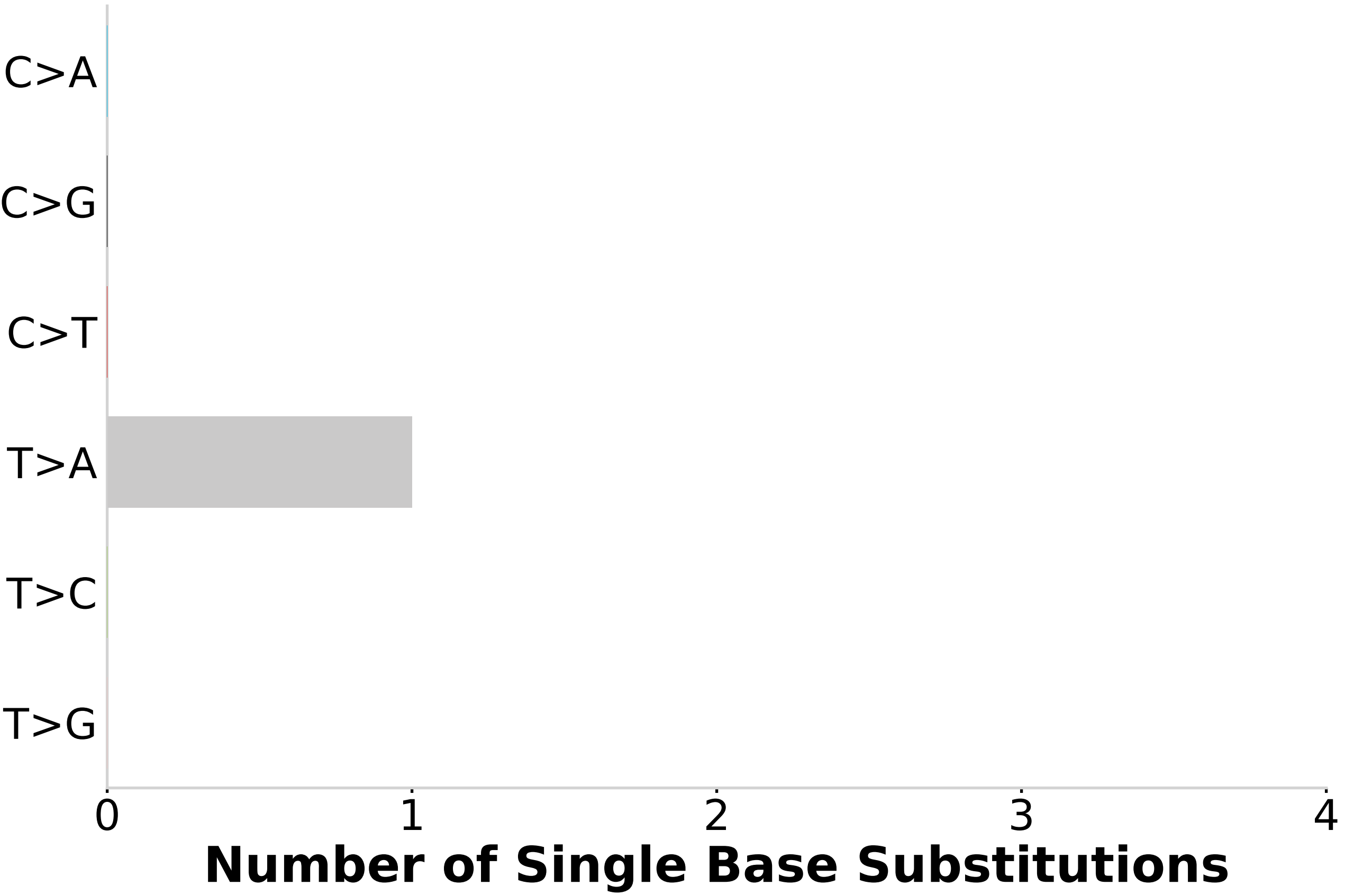
TCGA-A7-A13G-01A-11D-A13L-09: 1 subs



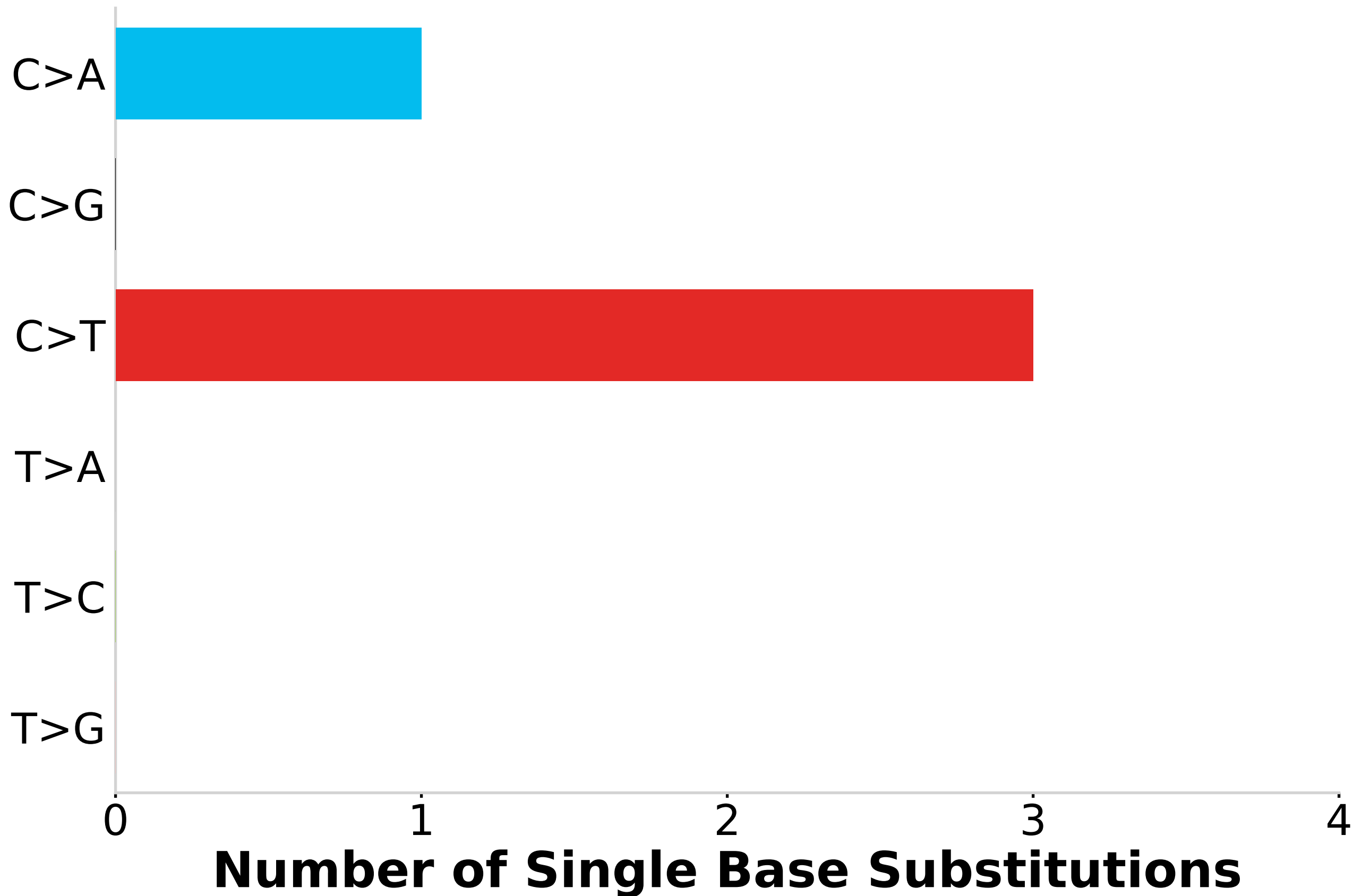
TCGA-A7-A26E-01A-11D-A272-09: 3 subs



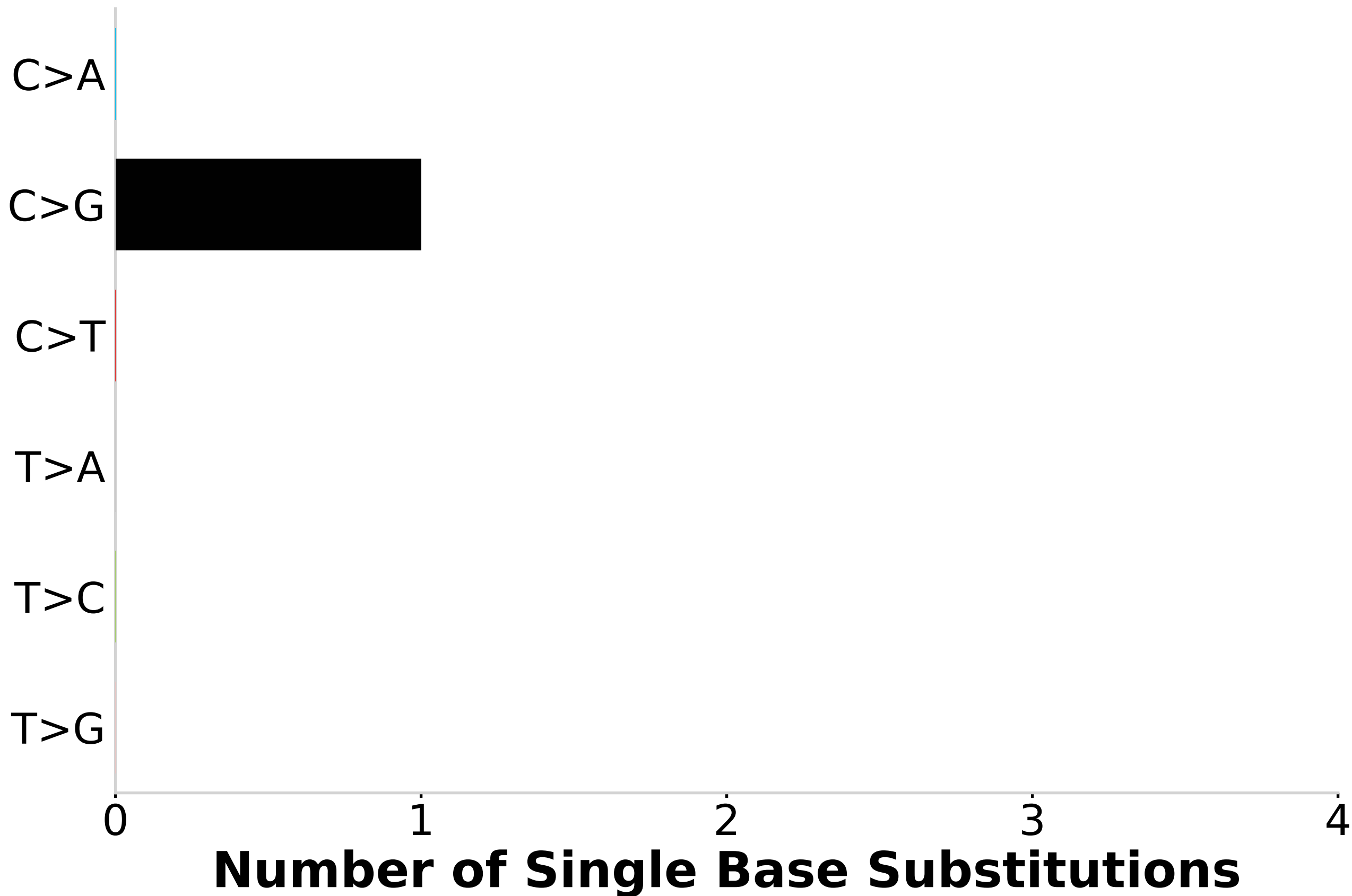
TCGA-A7-A26F-01A-21D-A167-09: 1 subs



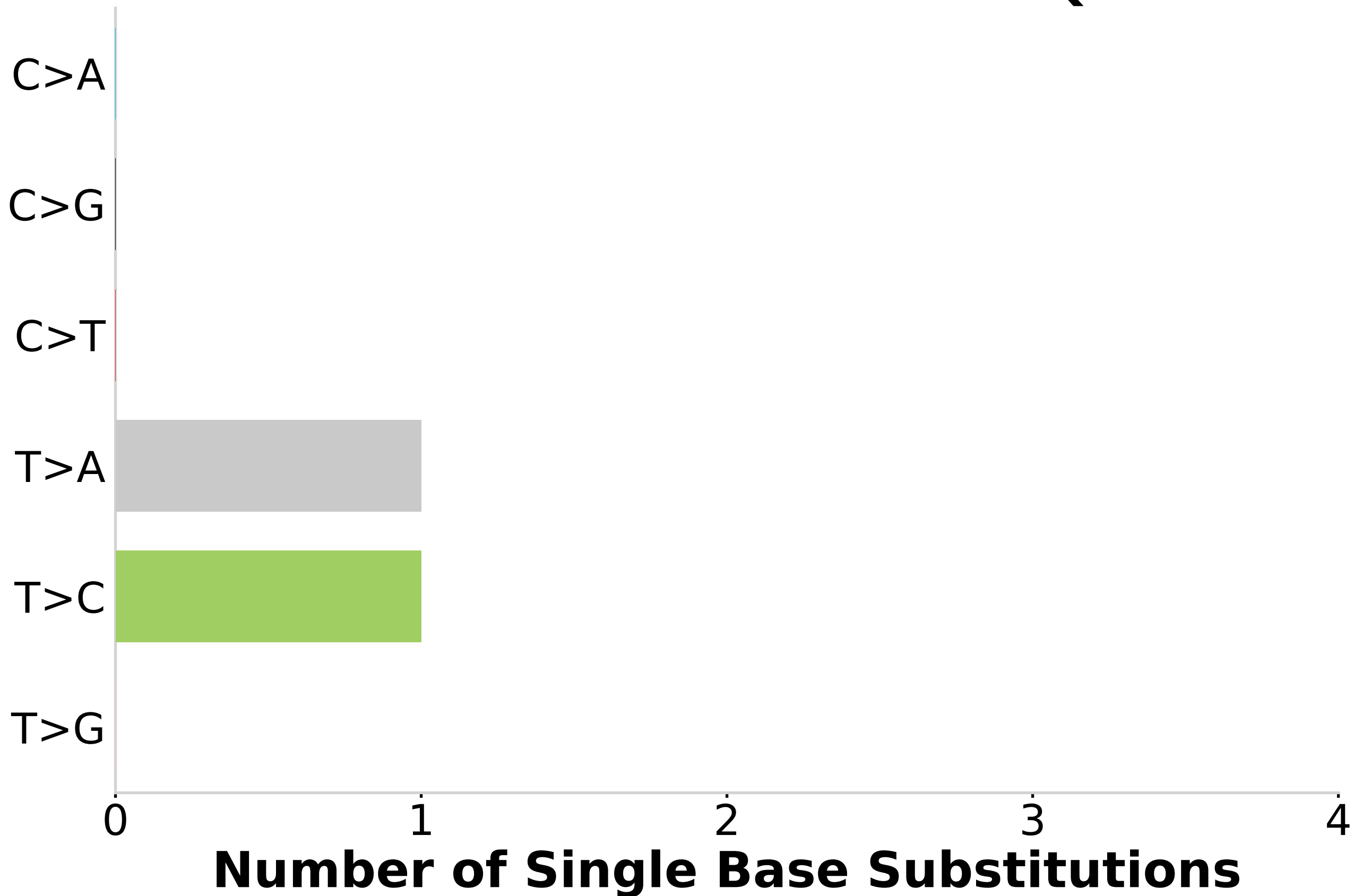
TCGA-A7-A26H-01A-11D-A167-09: 4 subs



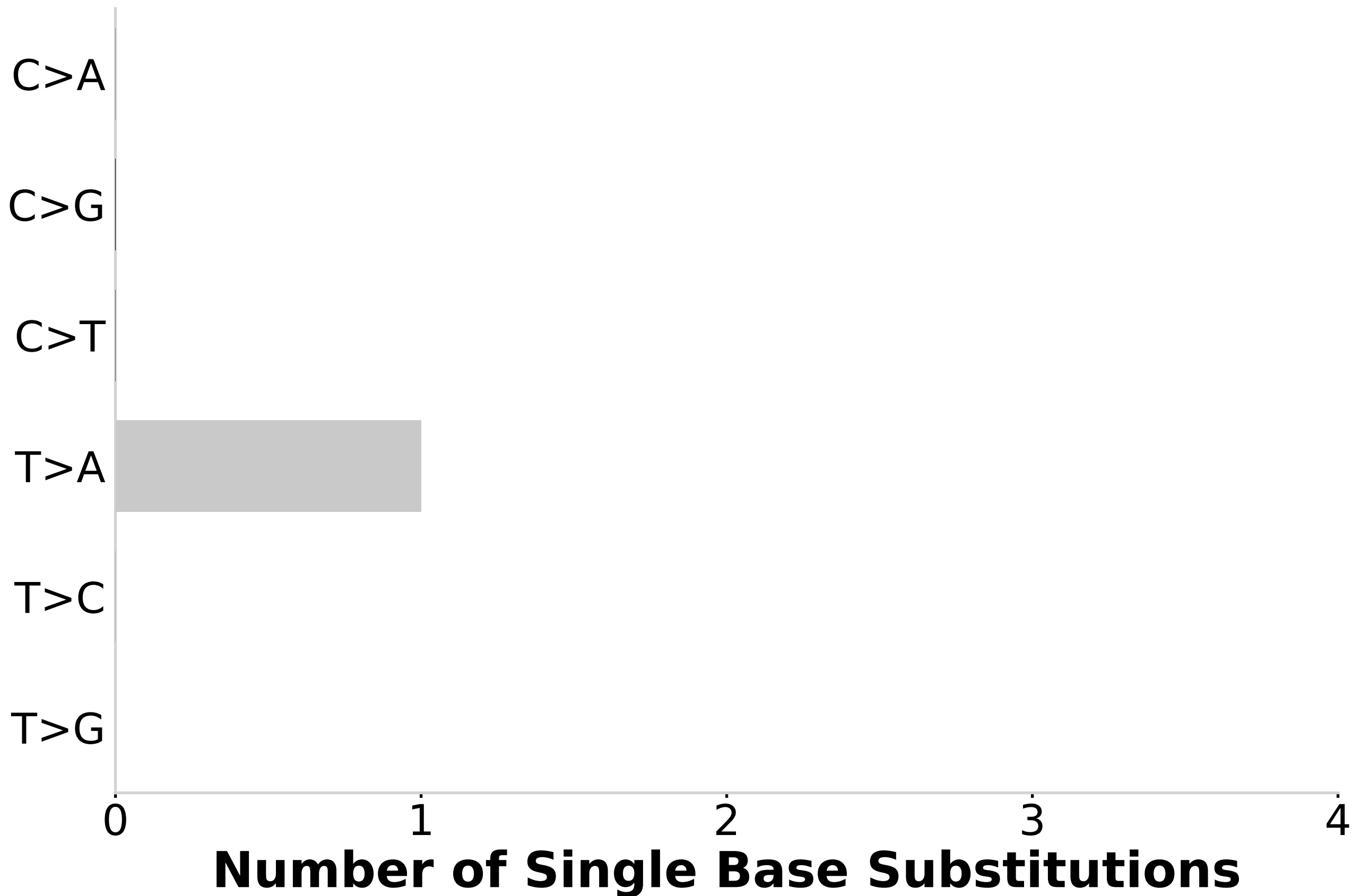
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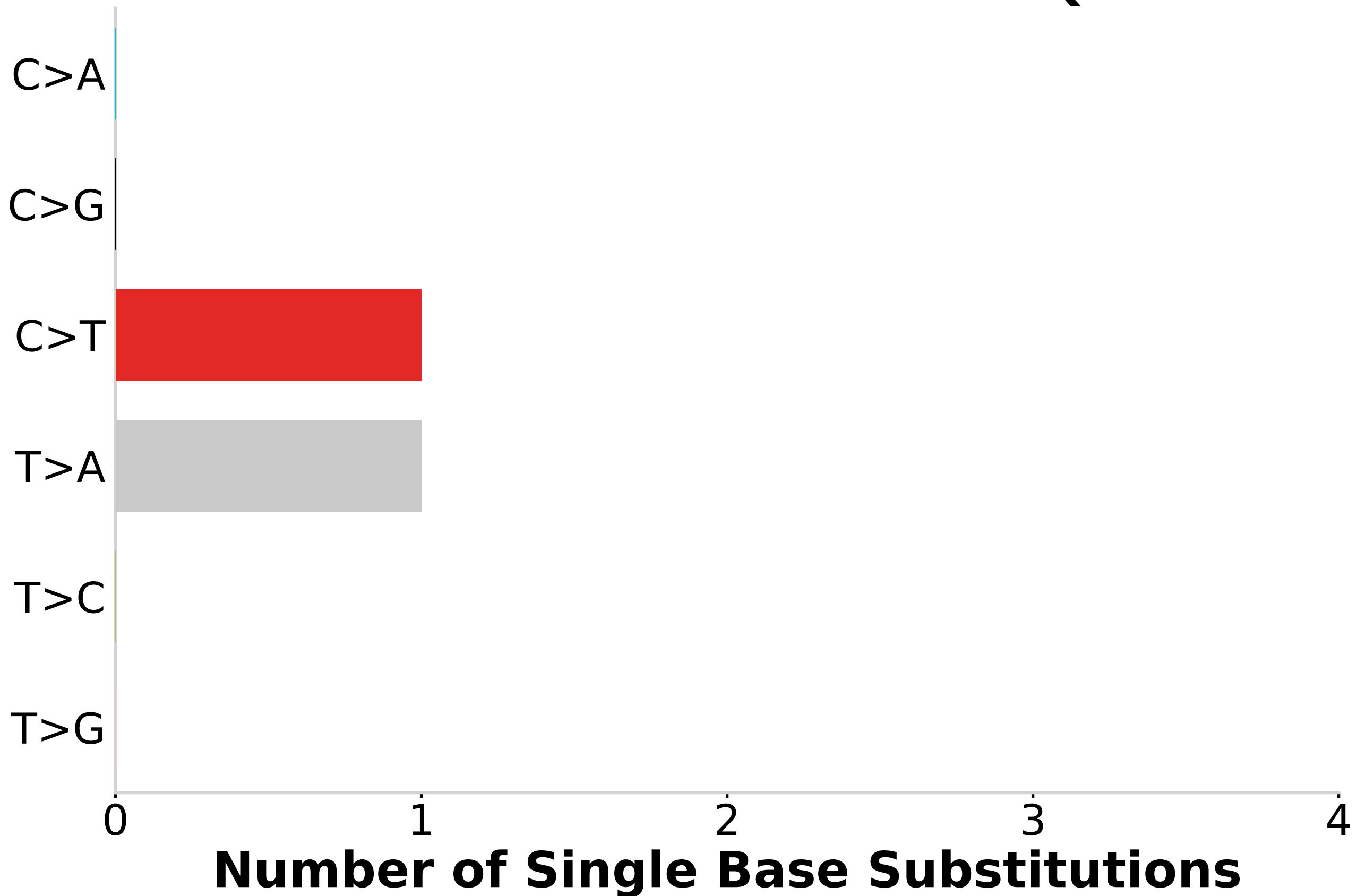
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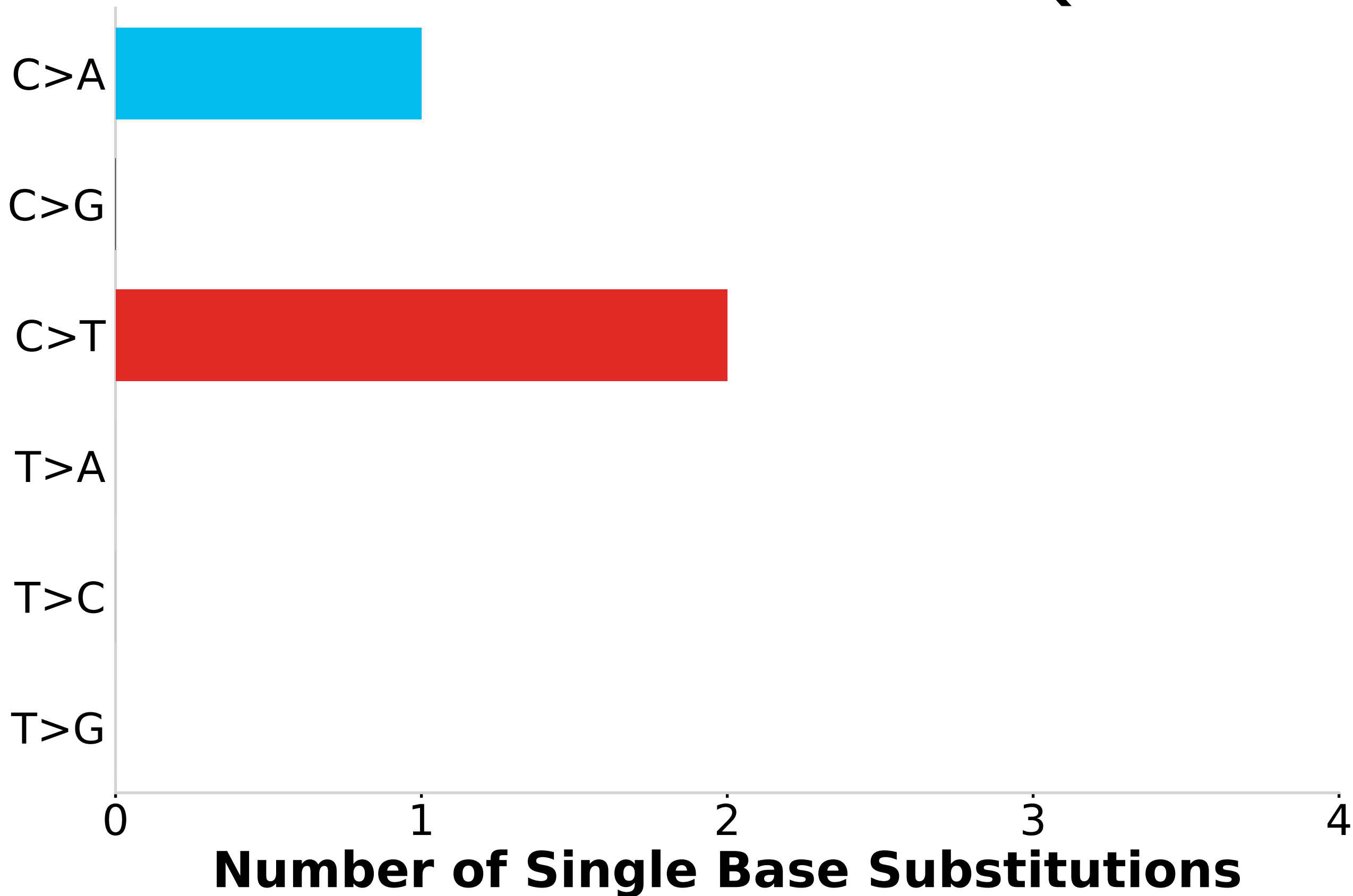
TCGA-A7-A425-01A-11D-A243-09: 1 subs



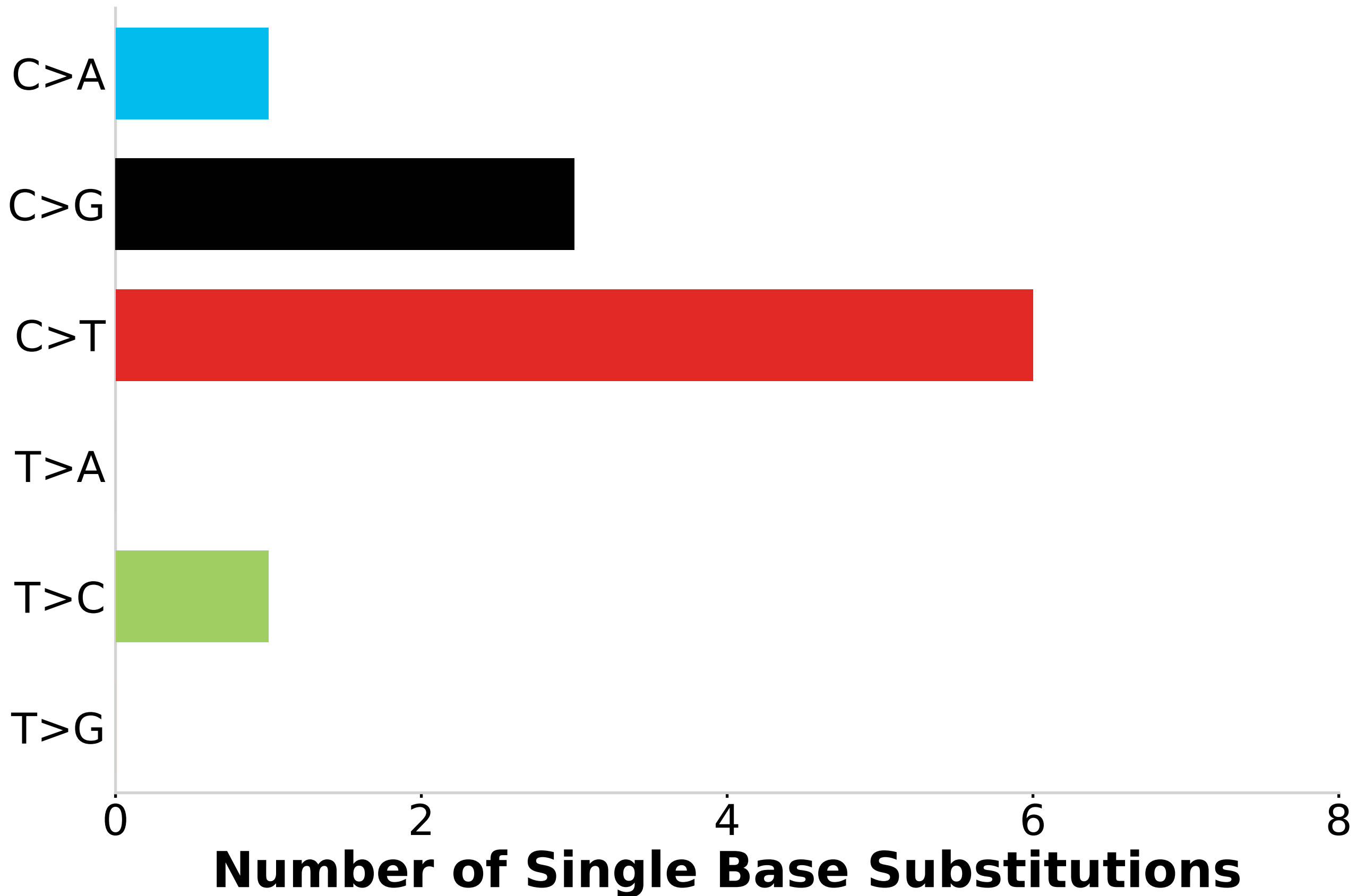
TCGA-A7-A4SD-01A-11D-A25Q-09: 2 subs



TCGA-A7-A4SE-01A-11D-A25Q-09: 3 subs



TCGA-A7-A56D-01A-11D-A27P-09: 11 subs



TCGA-A7-A5ZX-01A-12D-A29N-09: 1 subs



TCGA-A7-A6VV-01A-22D-A33E-09: 1 subs

C>A

C>G

C>T

T>A

T>C

T>G

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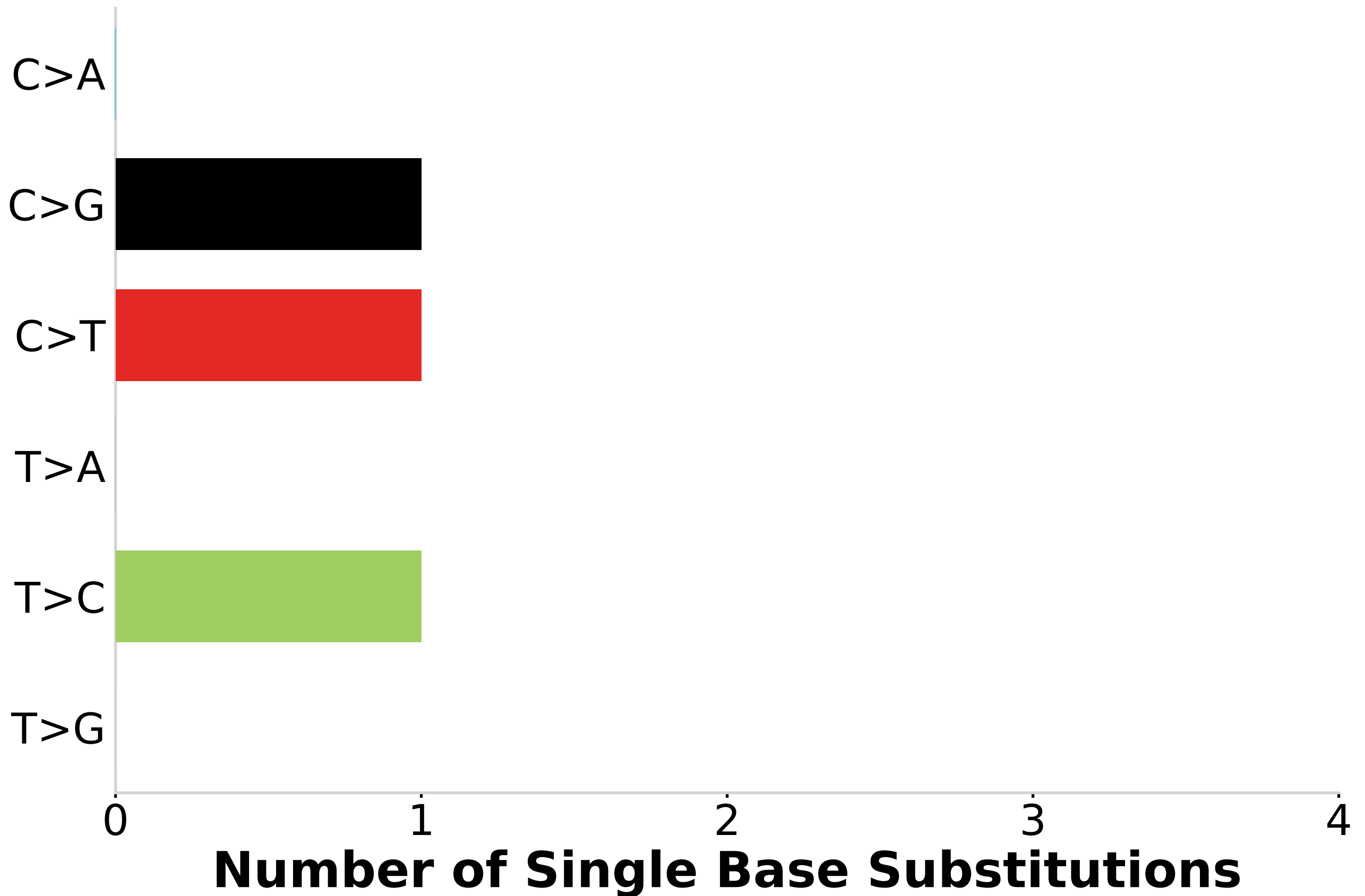
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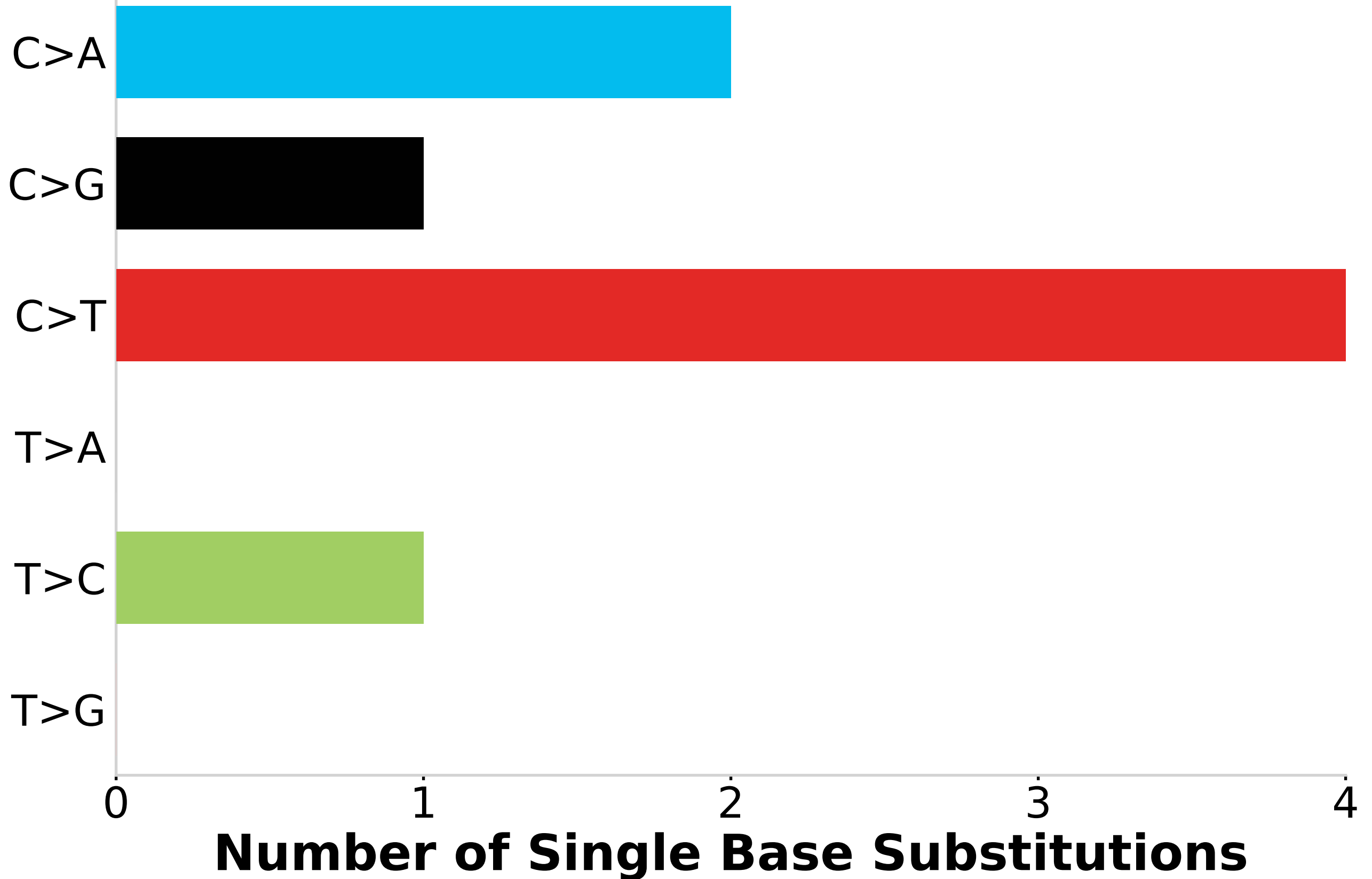
Number of Single Base Substitutions



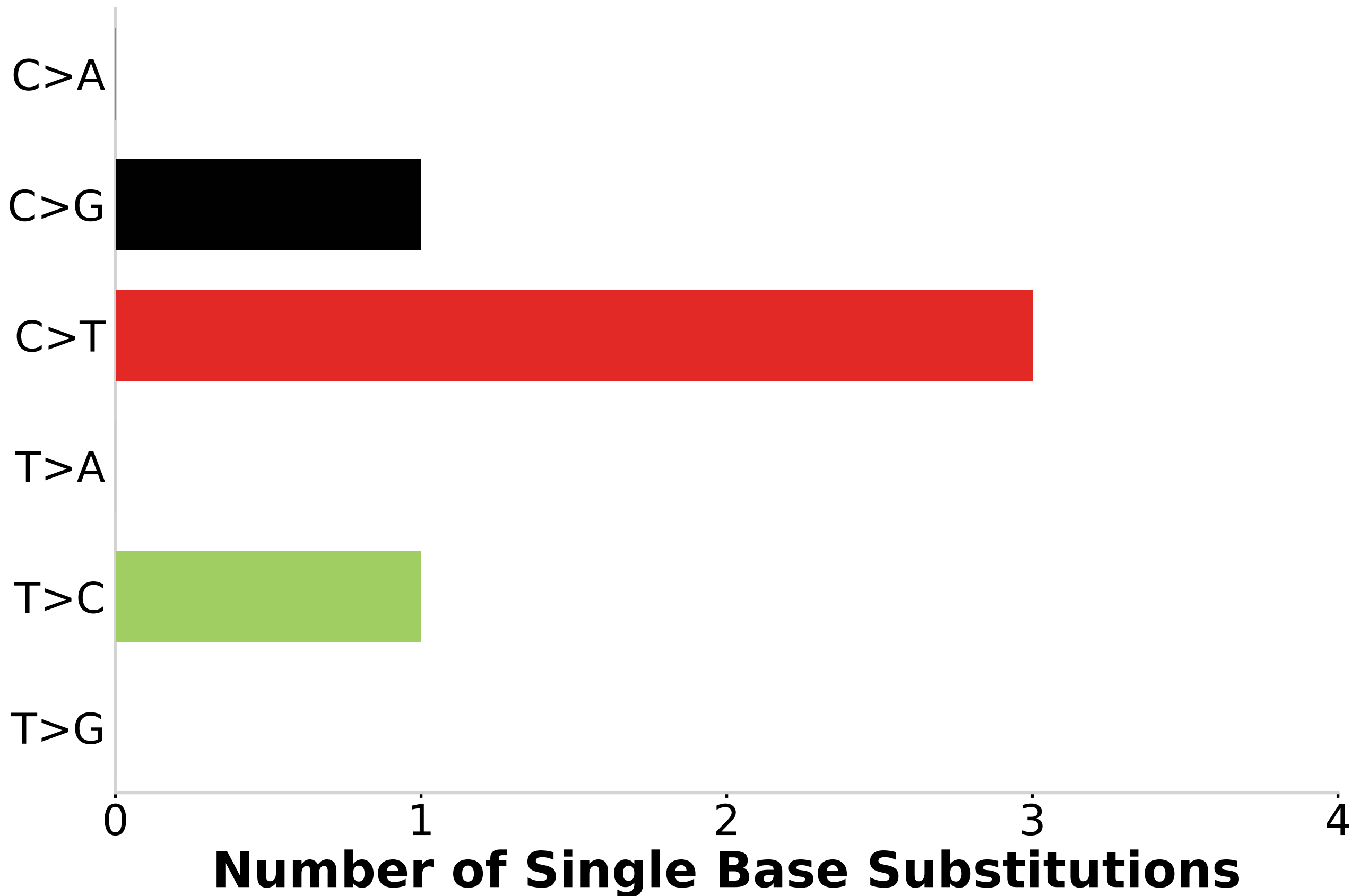
TCGA-A7-A6VW-01A-21D-A33E-09: 3 subs



TCGA-A7-A6VX-01A-12D-A33E-09: 8 subs



TCGA-A7-A6VY-01A-12D-A33E-09: 5 subs



TCGA-A8-A06P-01A-11W-A019-09: 1 subs



TCGA-A8-A06Q-01A-11W-A050-09: 6 subs

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C>G

C>T

T>A

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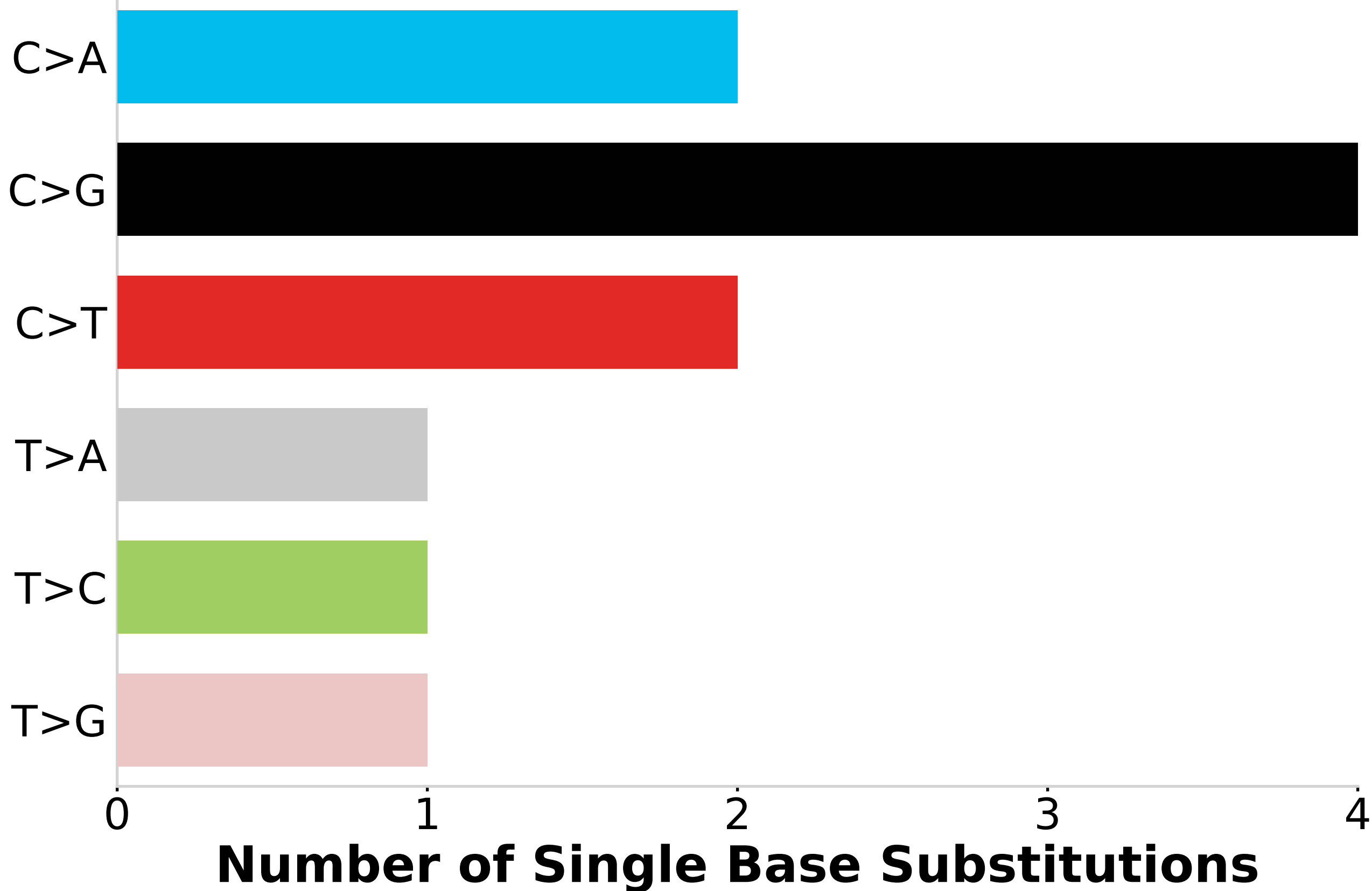
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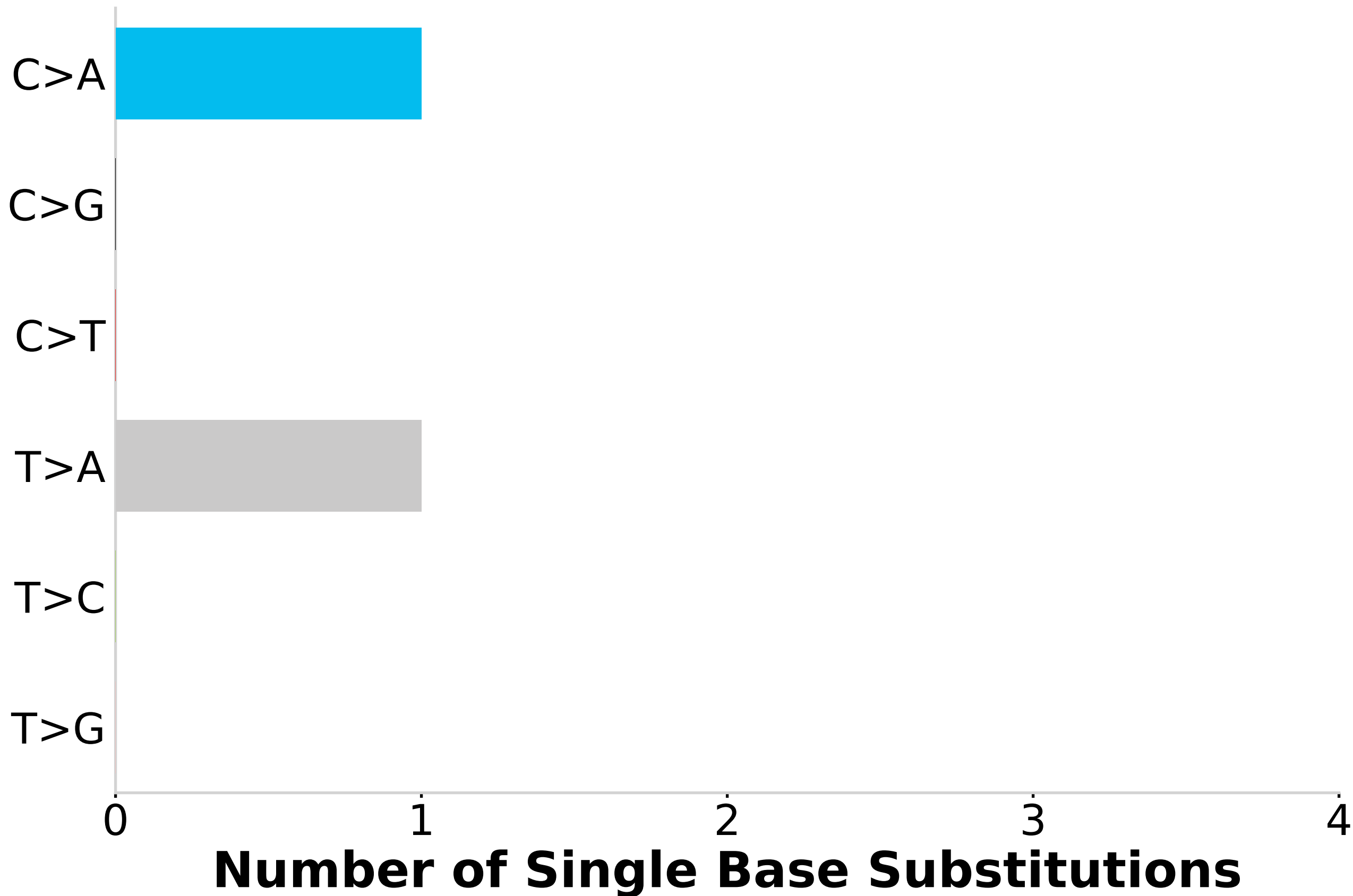
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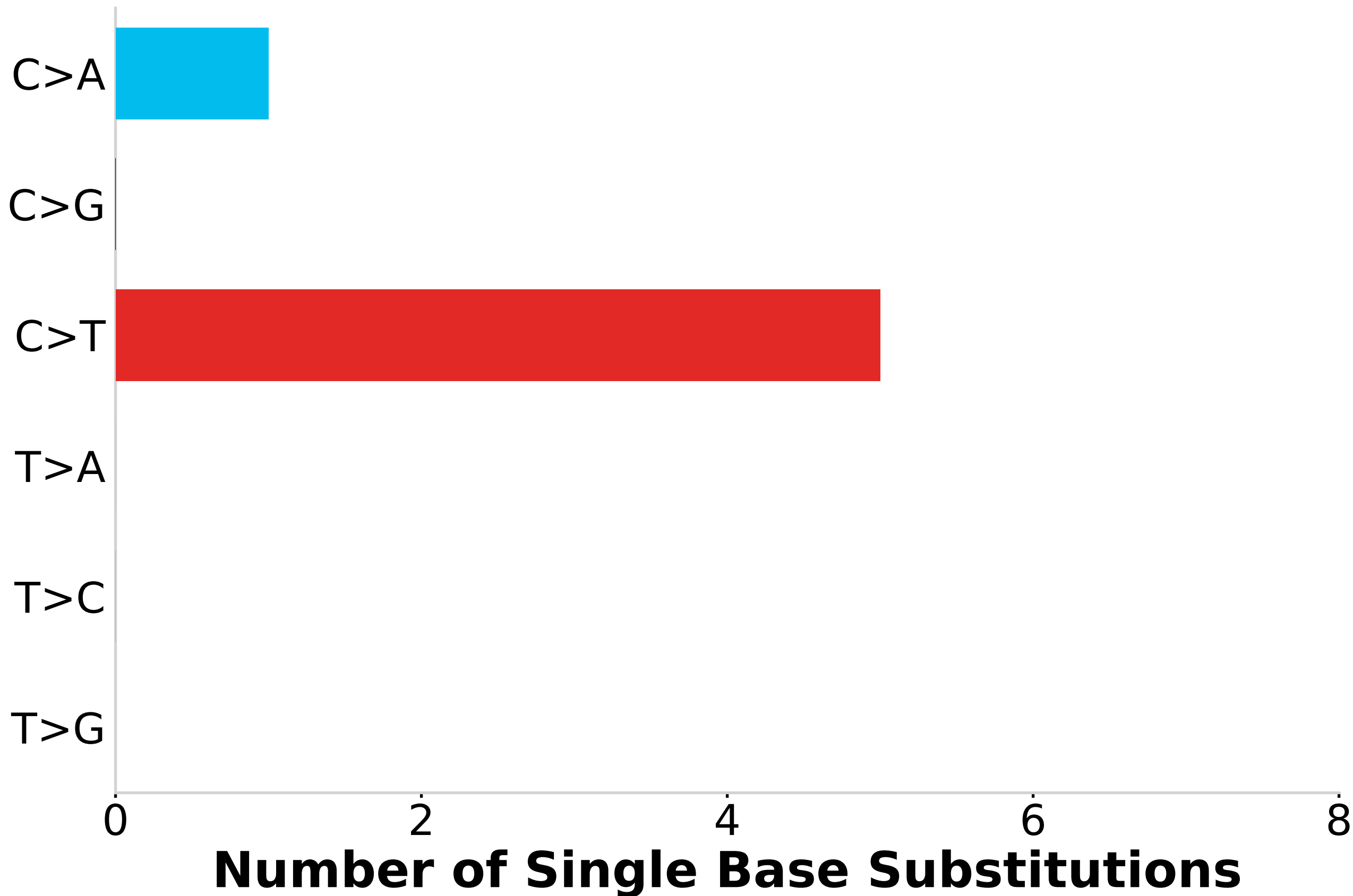
TCGA-A8-A06X-01A-21W-A019-09: 11 subs



TCGA-A8-A06Z-01A-11W-A019-09: 2 subs



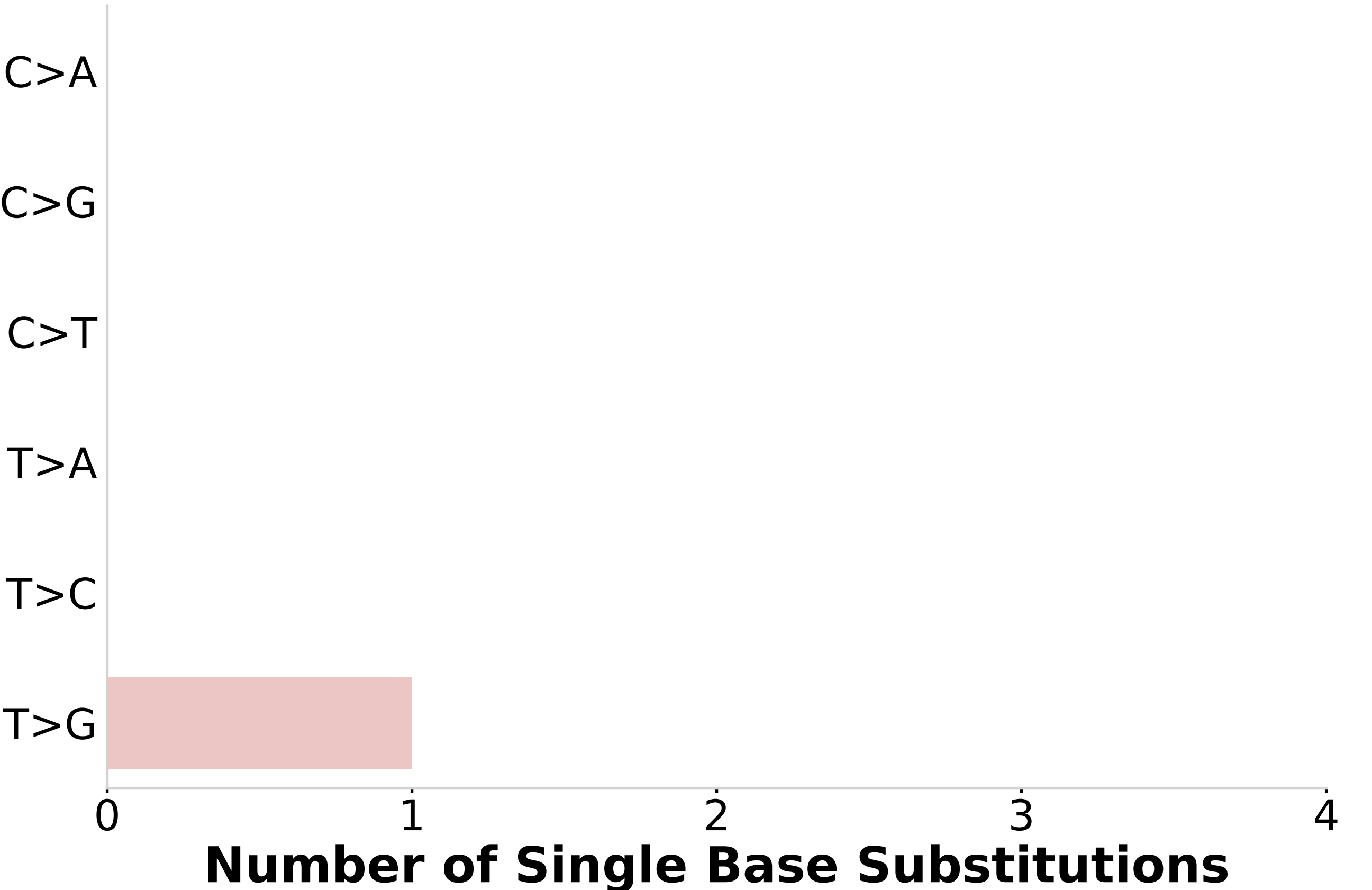
TCGA-A8-A075-01A-11D-A099-09: 6 subs



TCGA-A8-A076-01A-21W-A019-09: 1 subs



TCGA-A8-A079-01A-21W-A019-09: 1 subs



TCGA-A8-A07B-01A-11W-A019-09: 1 subs

C>A

C>G

C>T

T>A

T>C

T>G

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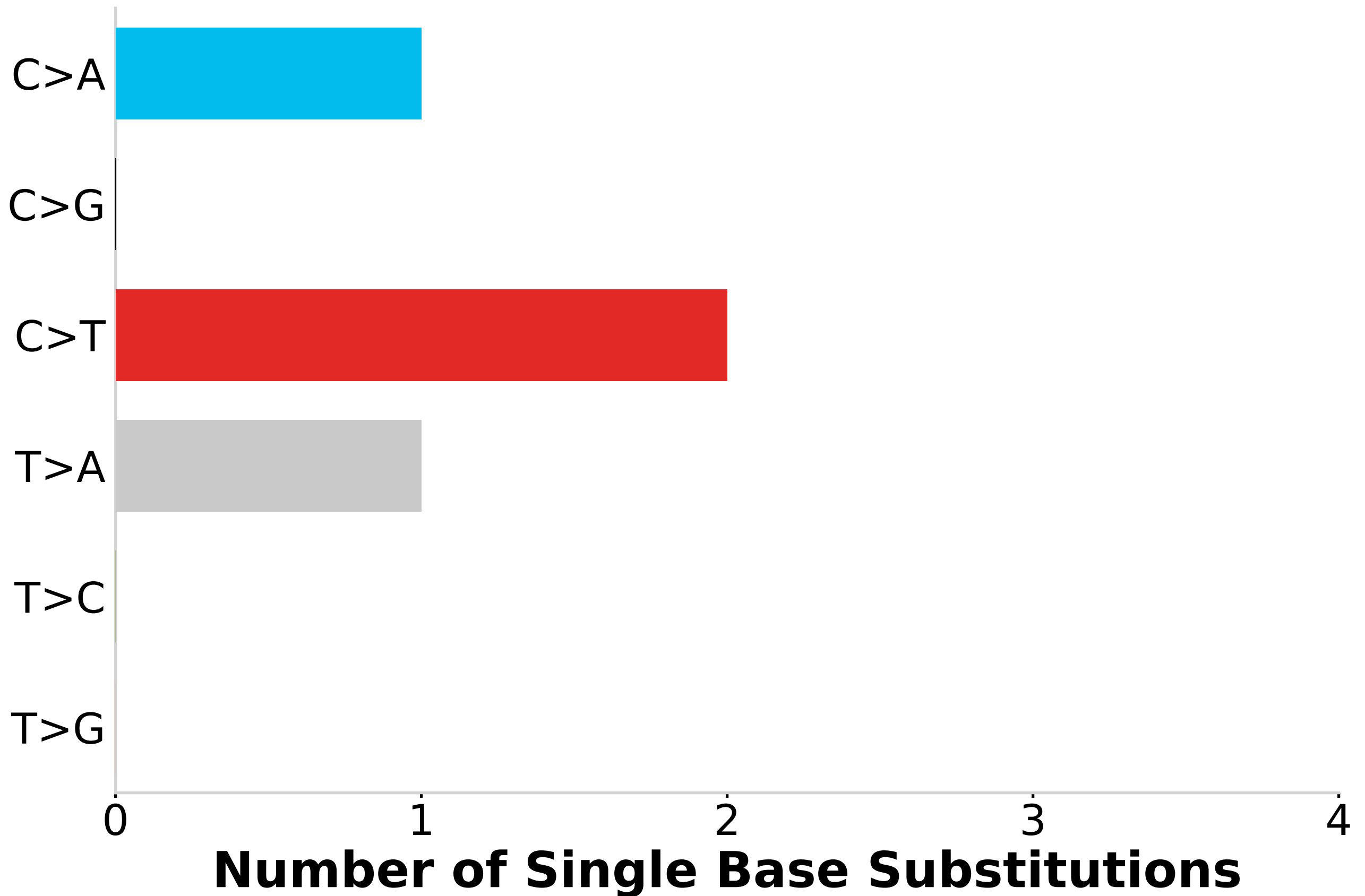
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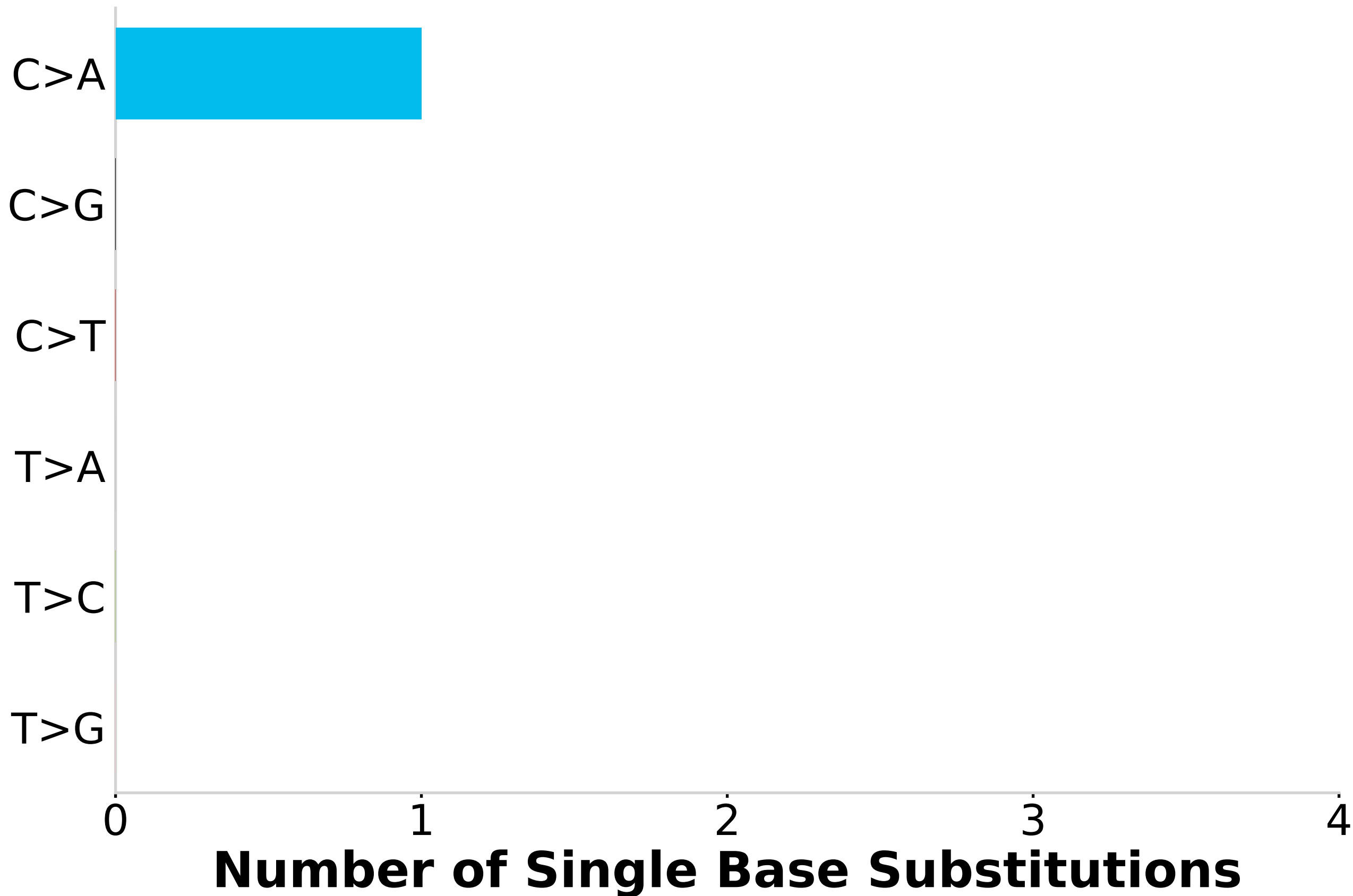
Number of Single Base Substitutions



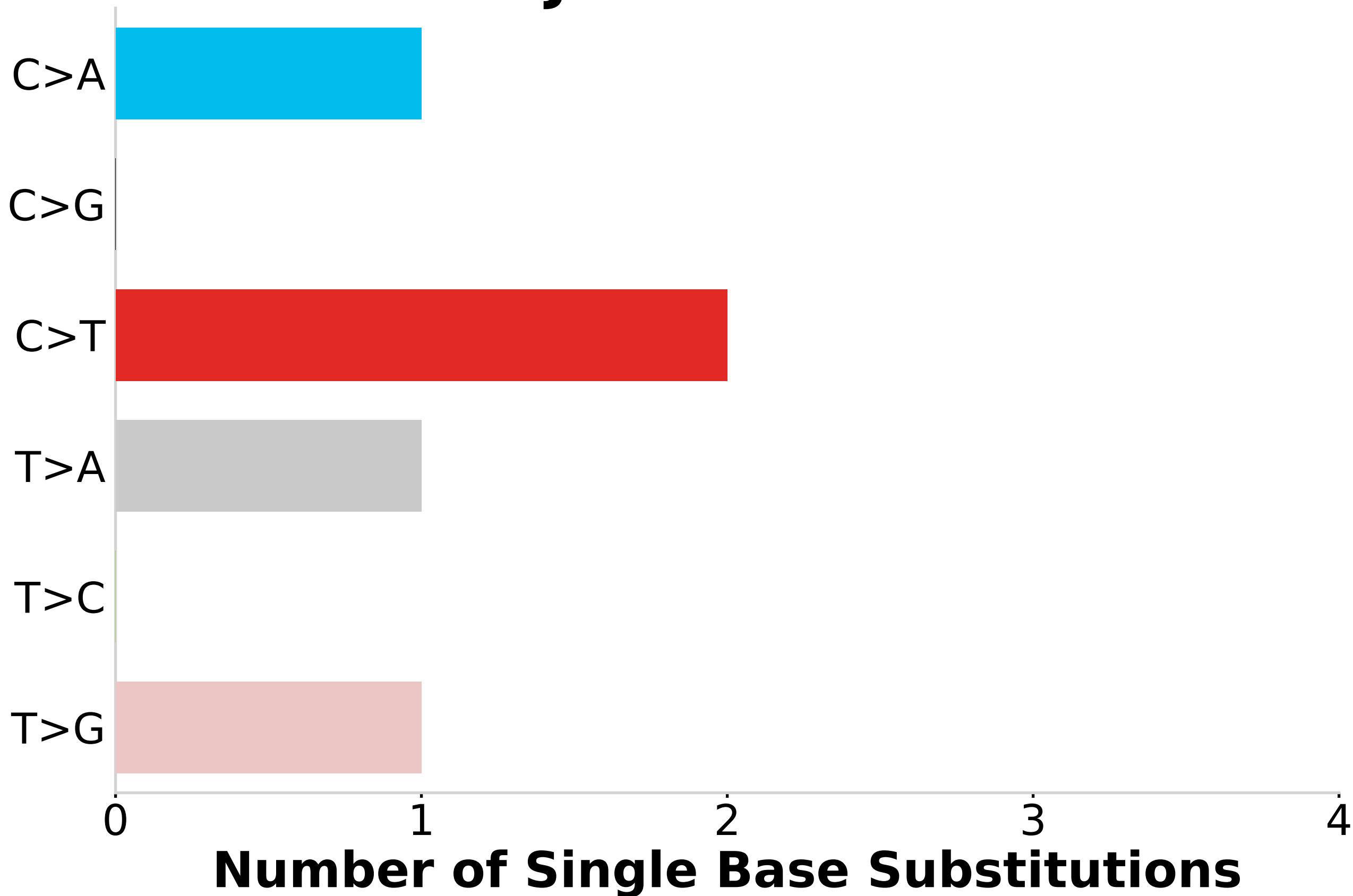
TCGA-A8-A07G-01A-11W-A050-09: 4 subs



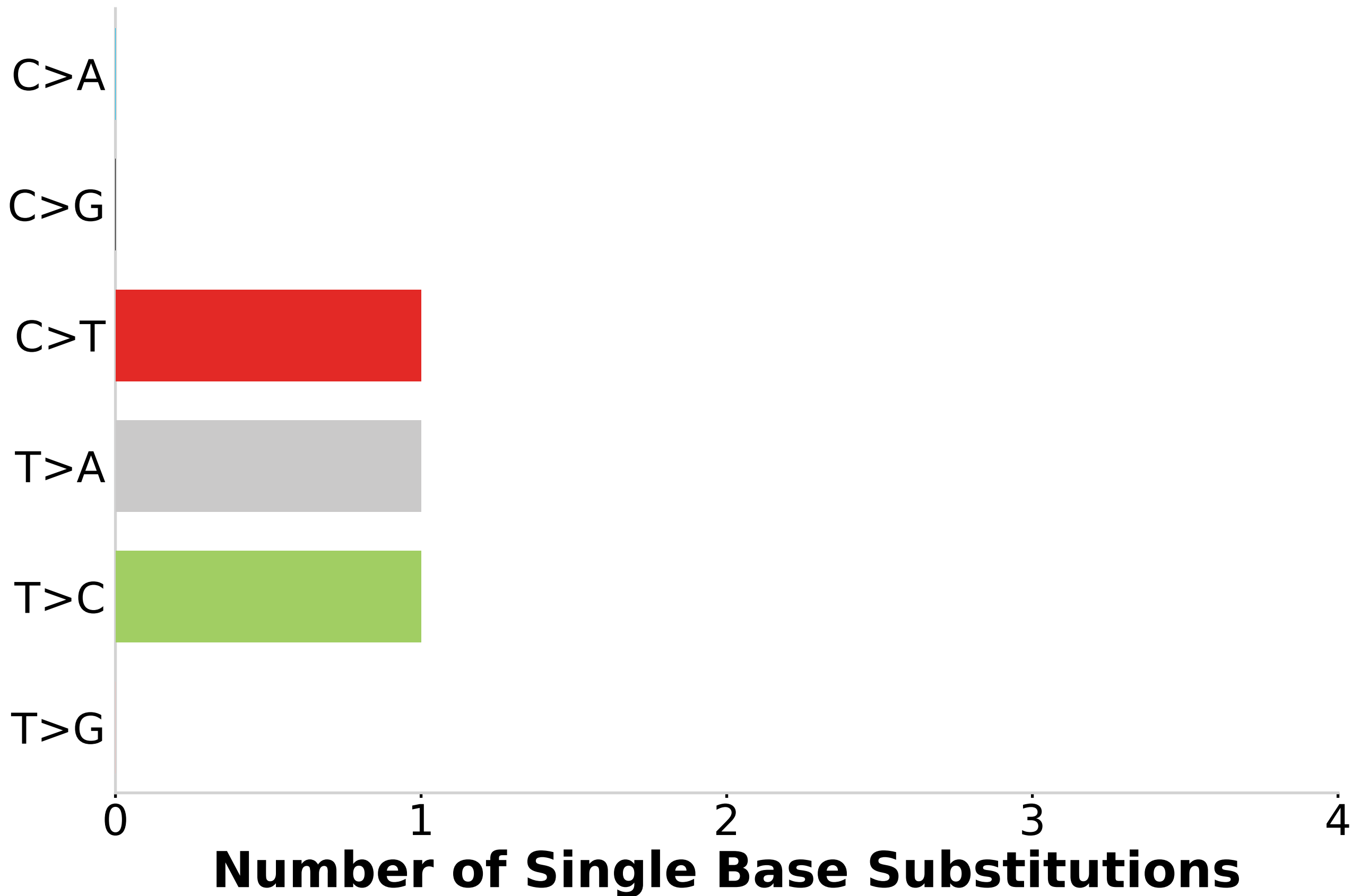
TCGA-A8-A07I-01A-11W-A019-09: 1 subs



TCGA-A8-A07J-01A-11W-A019-09: 5 subs



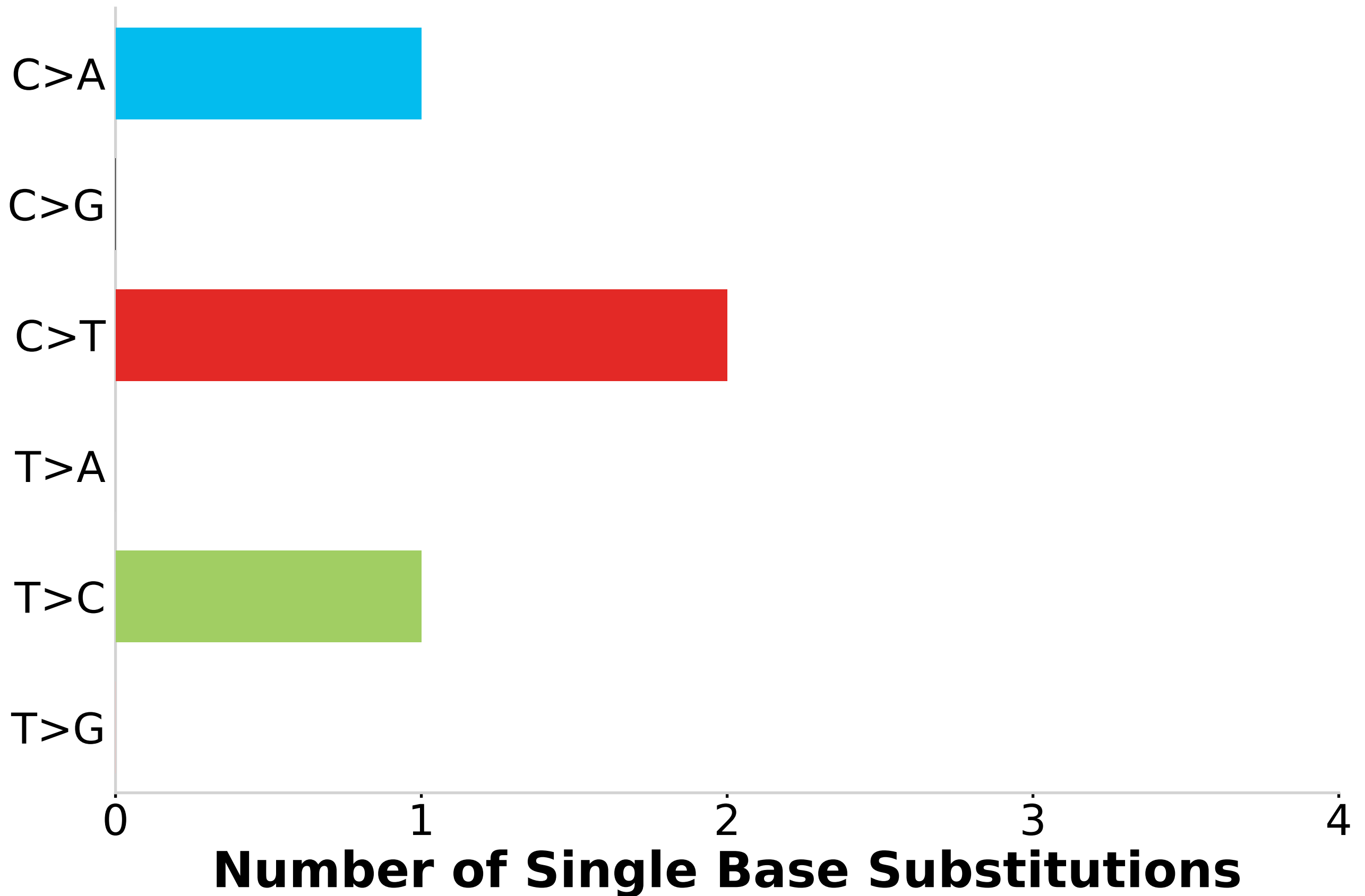
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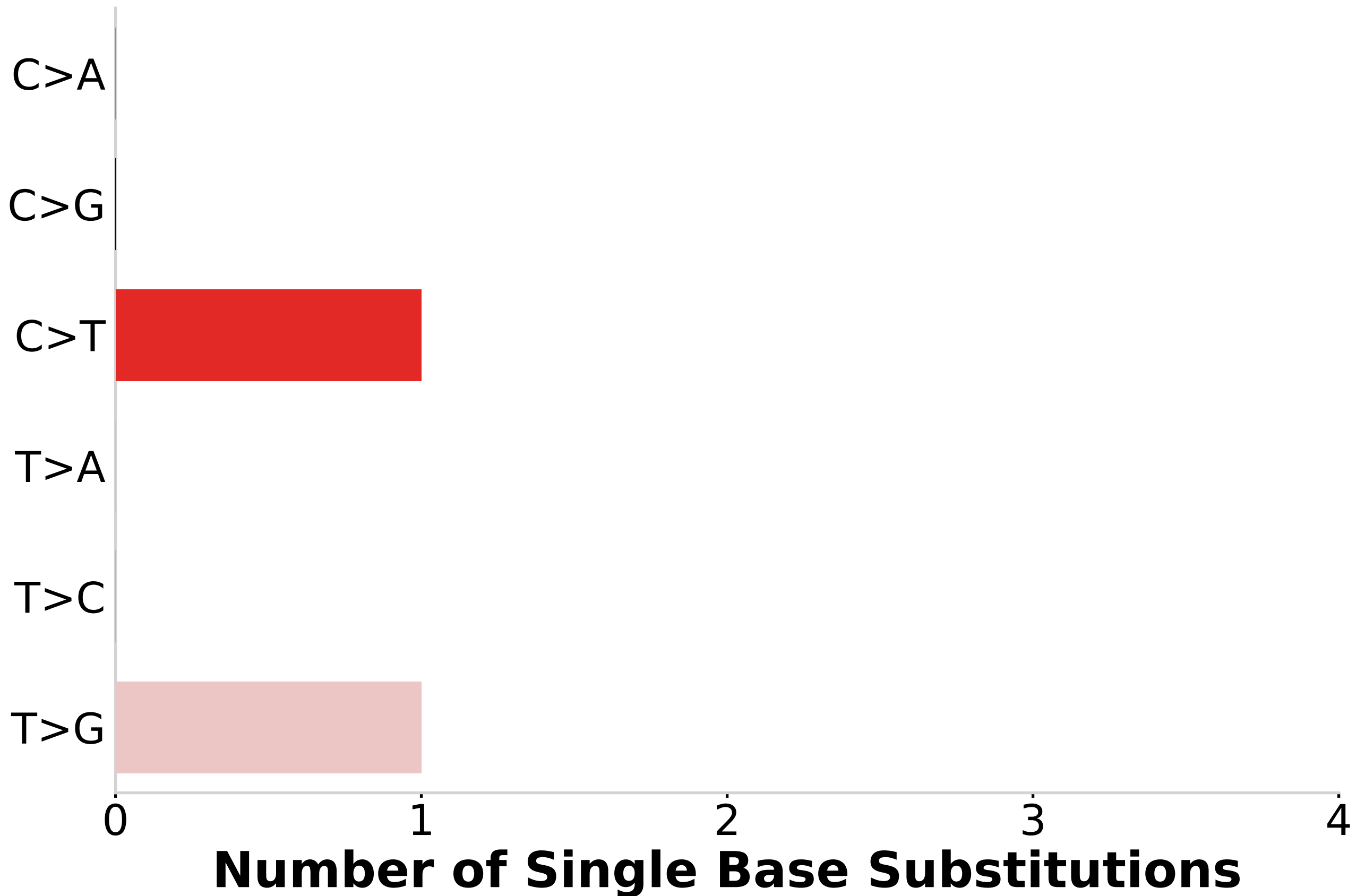
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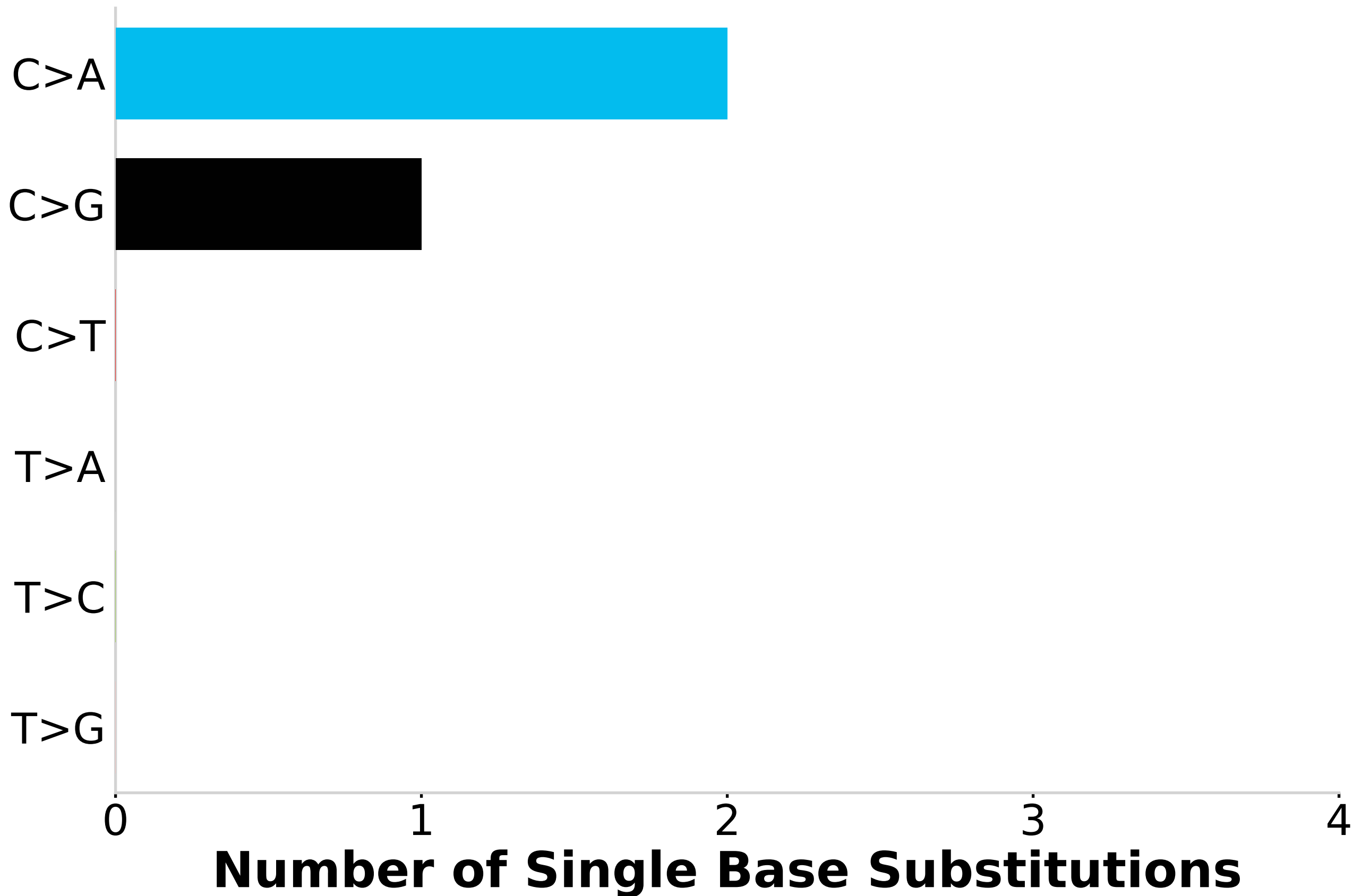
TCGA-A8-A07U-01A-11W-A050-09: 4 subs



TCGA-A8-A07W-01A-11W-A019-09: 2 subs



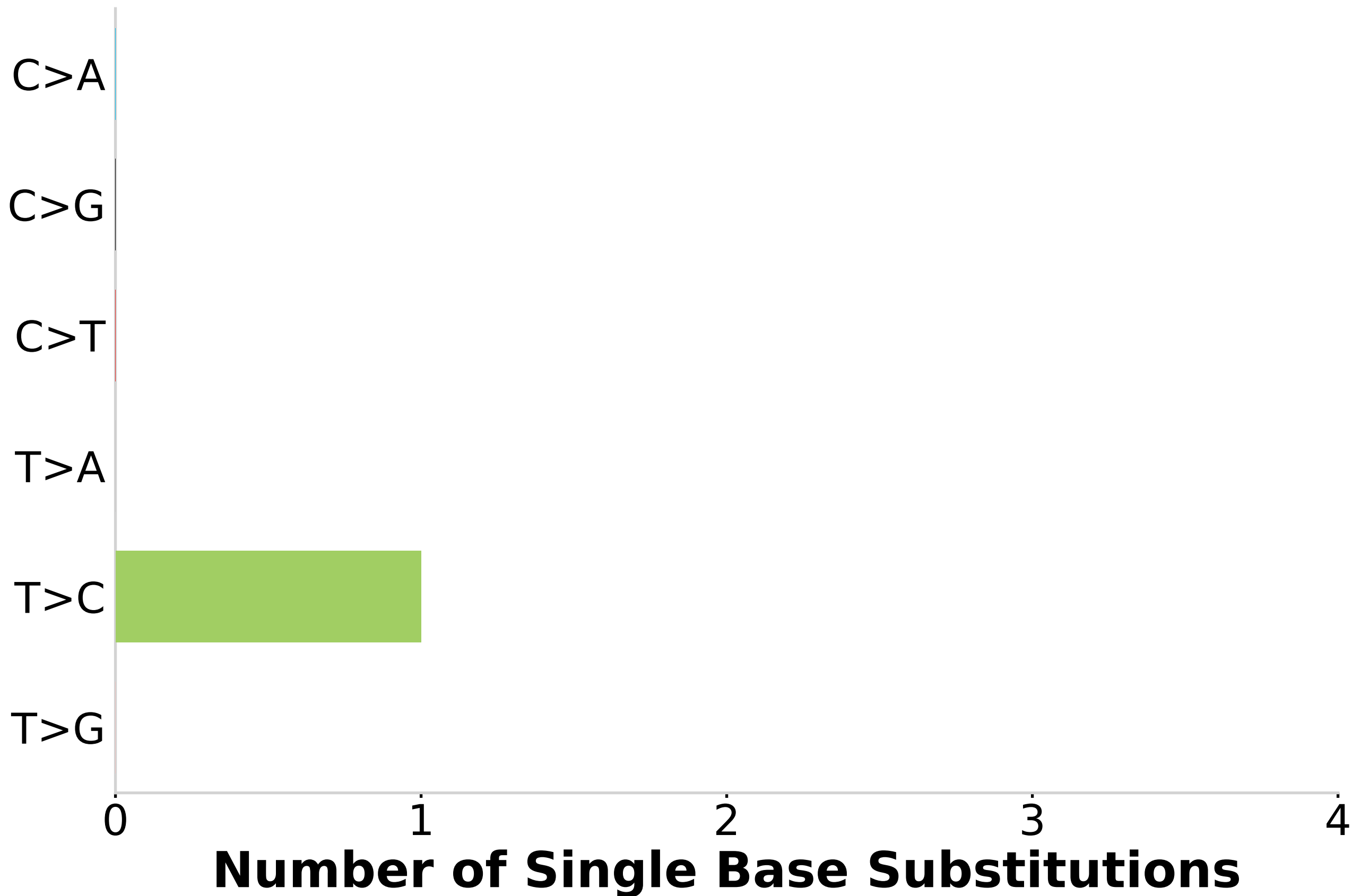
TCGA-A8-A081-01A-11W-A019-09: 3 subs



TCGA-A8-A082-01A-11W-A019-09: 1 subs



TCGA-A8-A083-01A-21W-A019-09: 1 subs



TCGA-A8-A08B-01A-11W-A019-09: 2 subs

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C>G

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T>A

T>C

T>G

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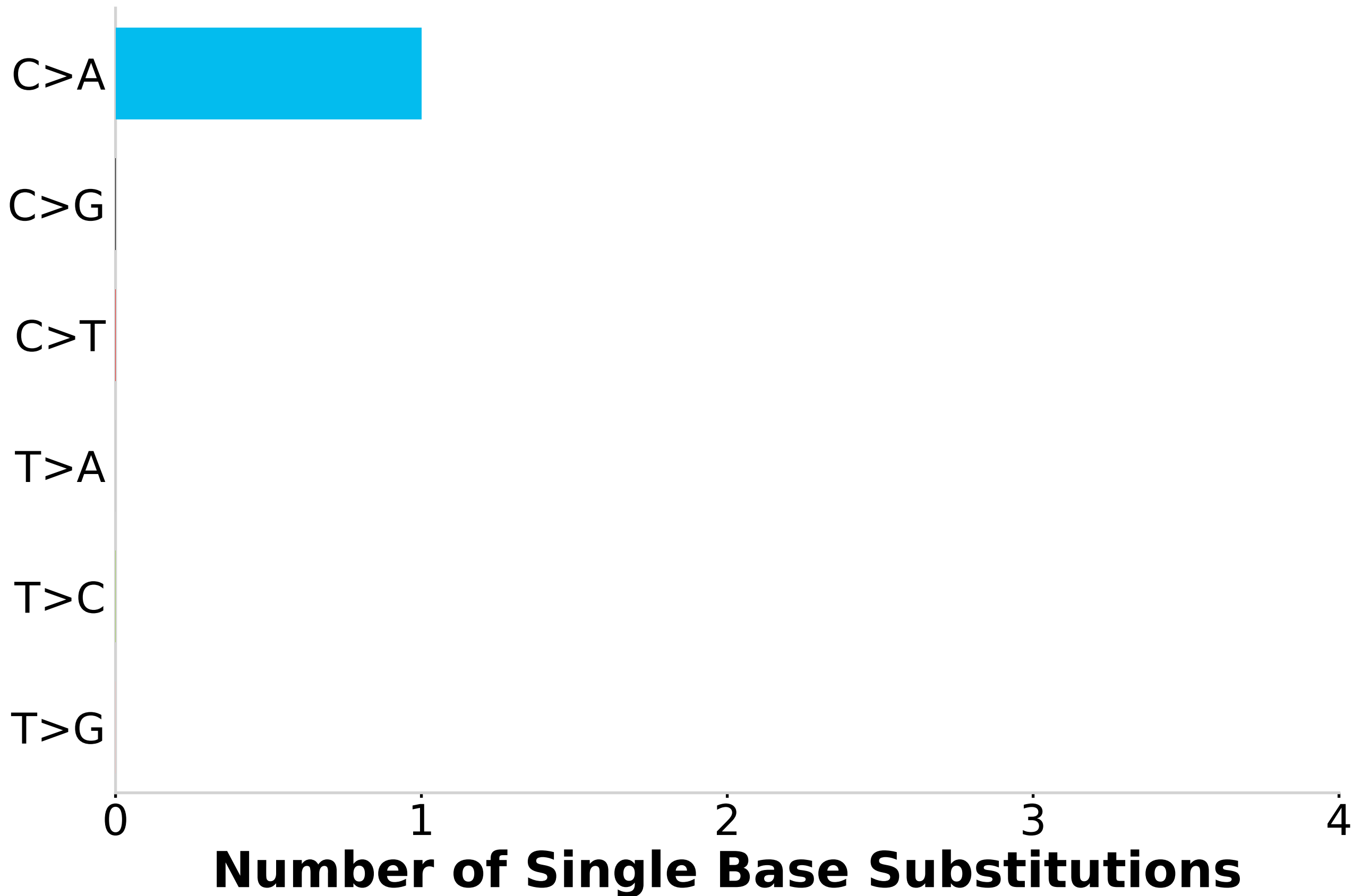
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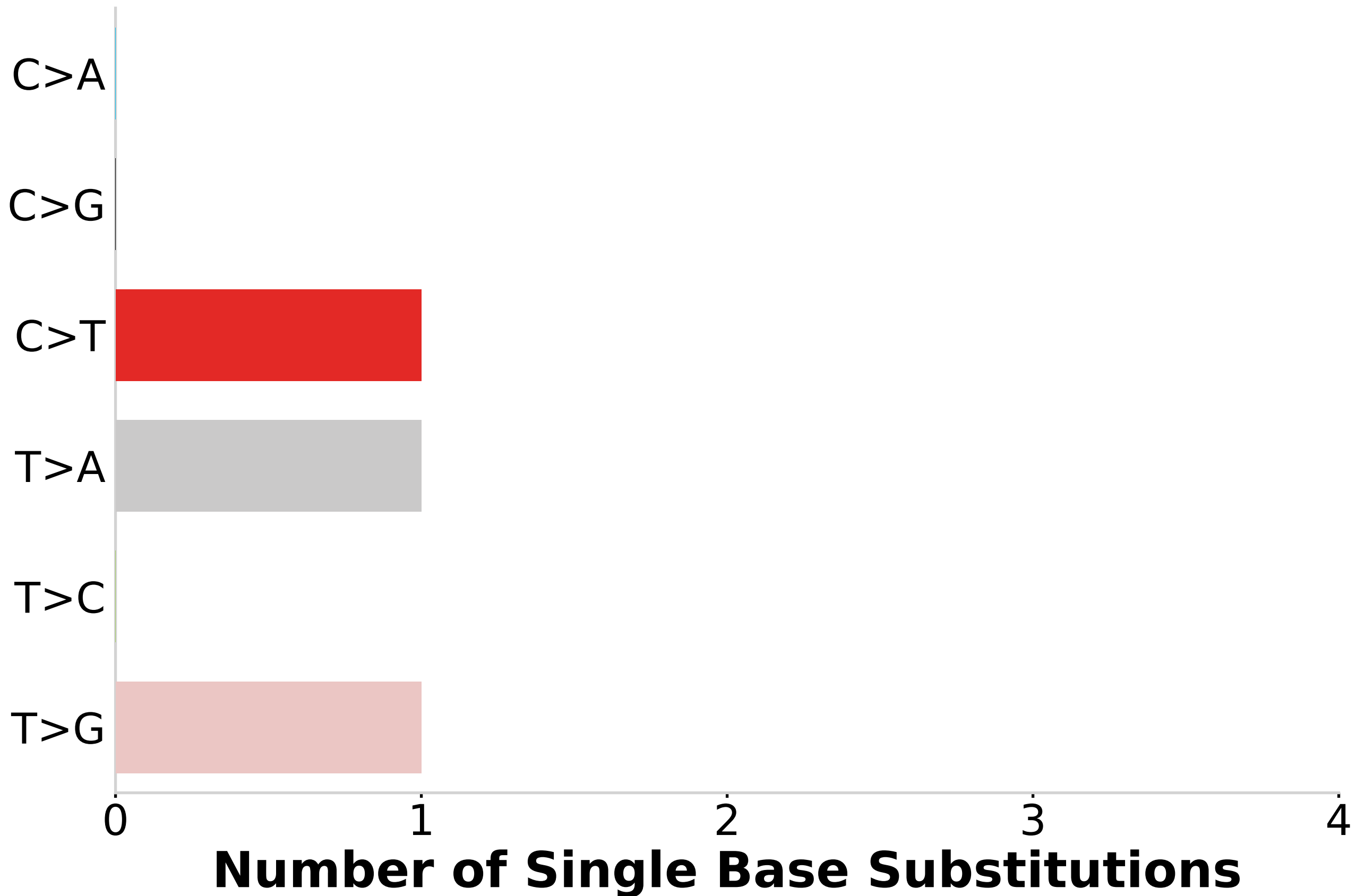
Number of Single Base Substitutions



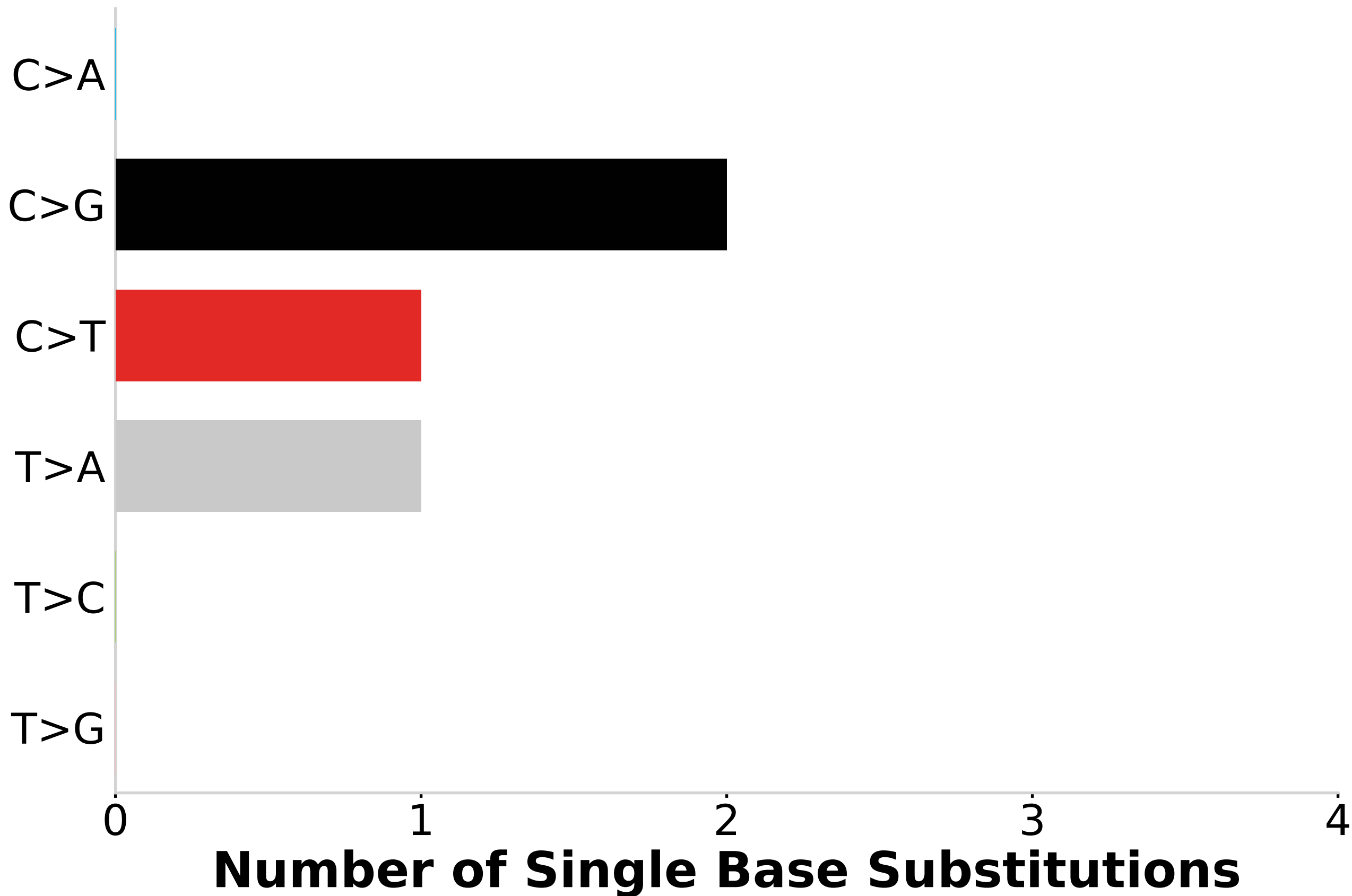
TCGA-A8-A08F-01A-11W-A019-09: 1 subs



TCGA-A8-A08H-01A-21W-A019-09: 3 subs



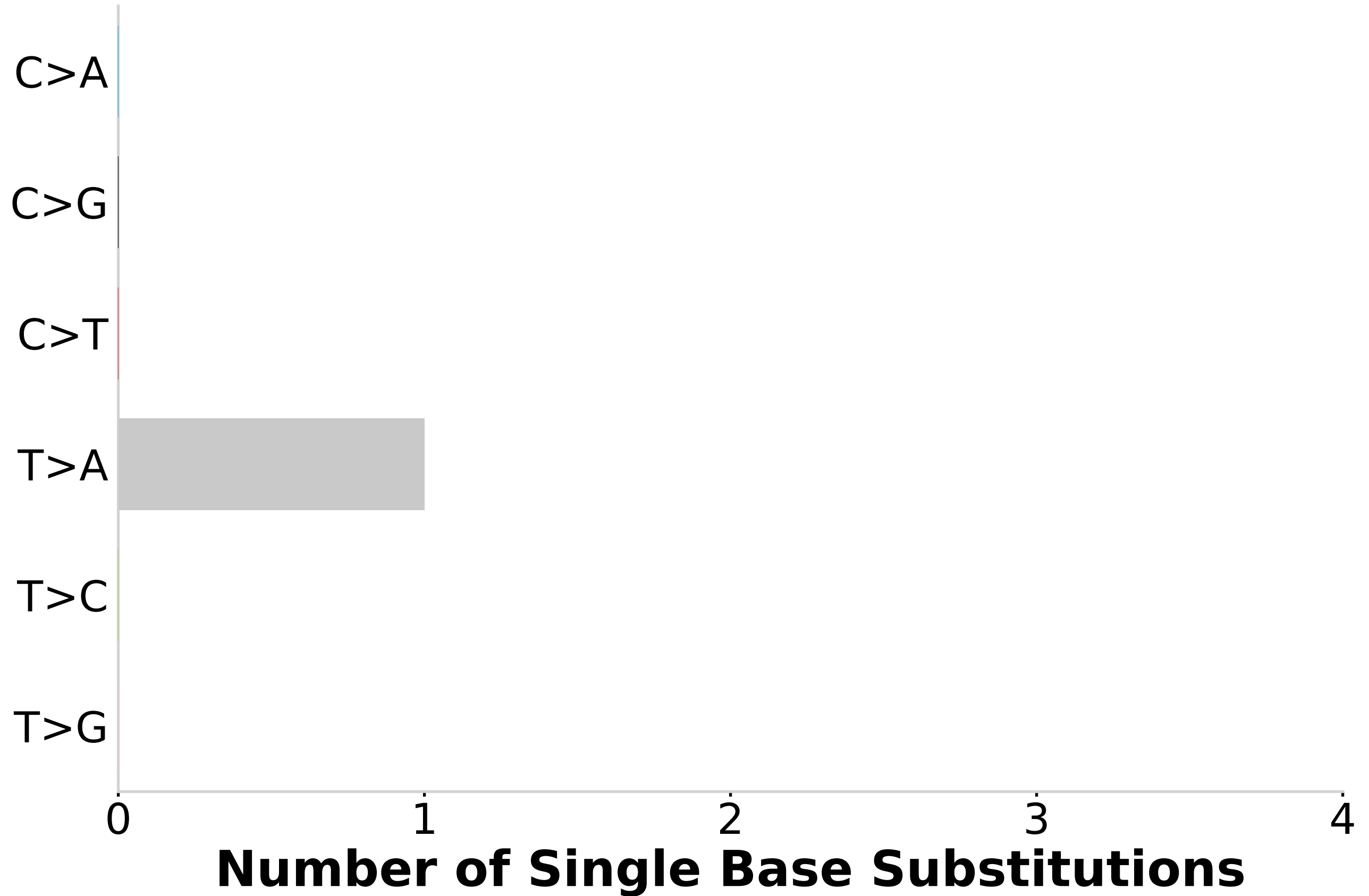
TCGA-A8-A08L-01A-11W-A019-09: 4 subs



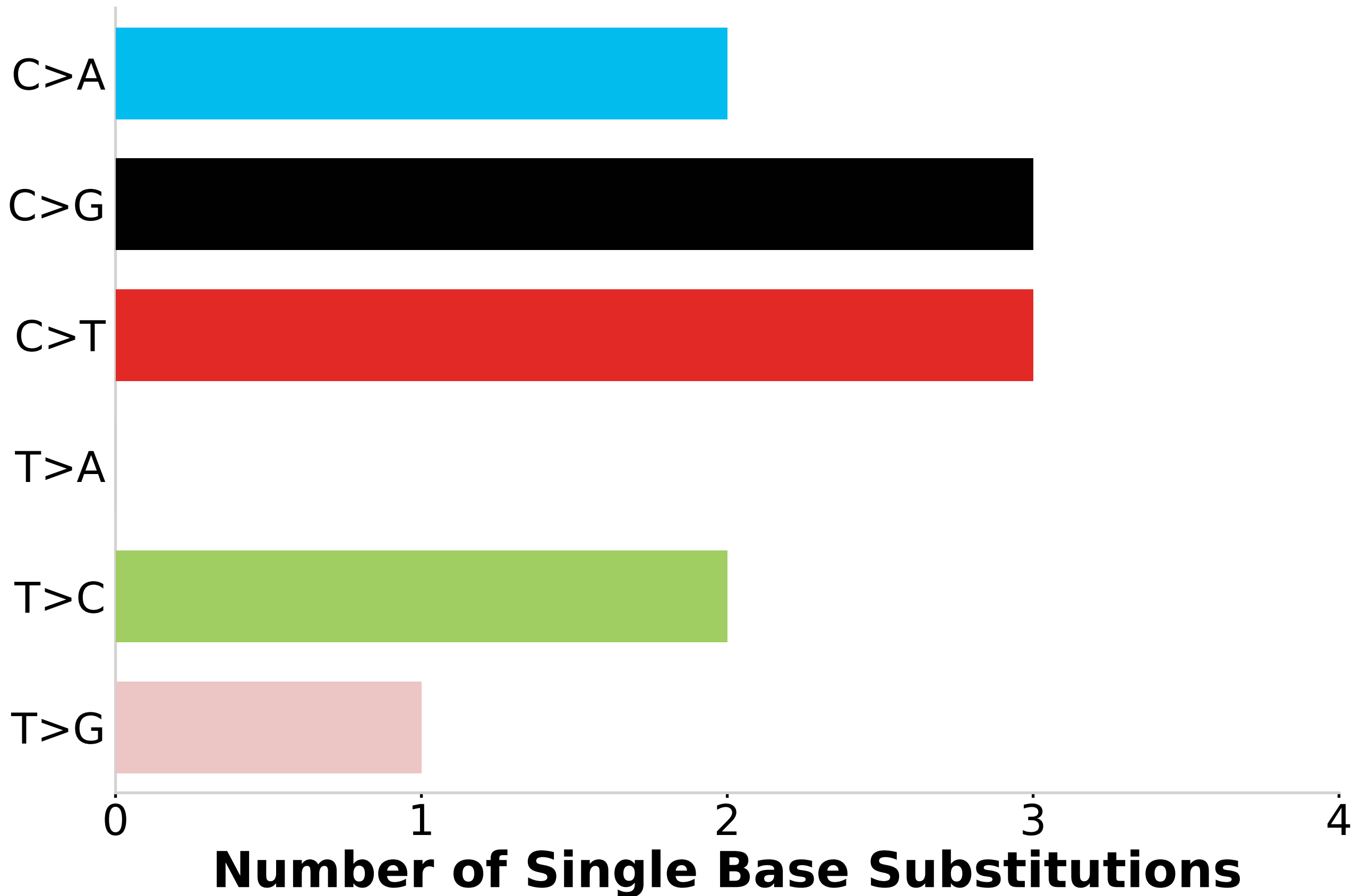
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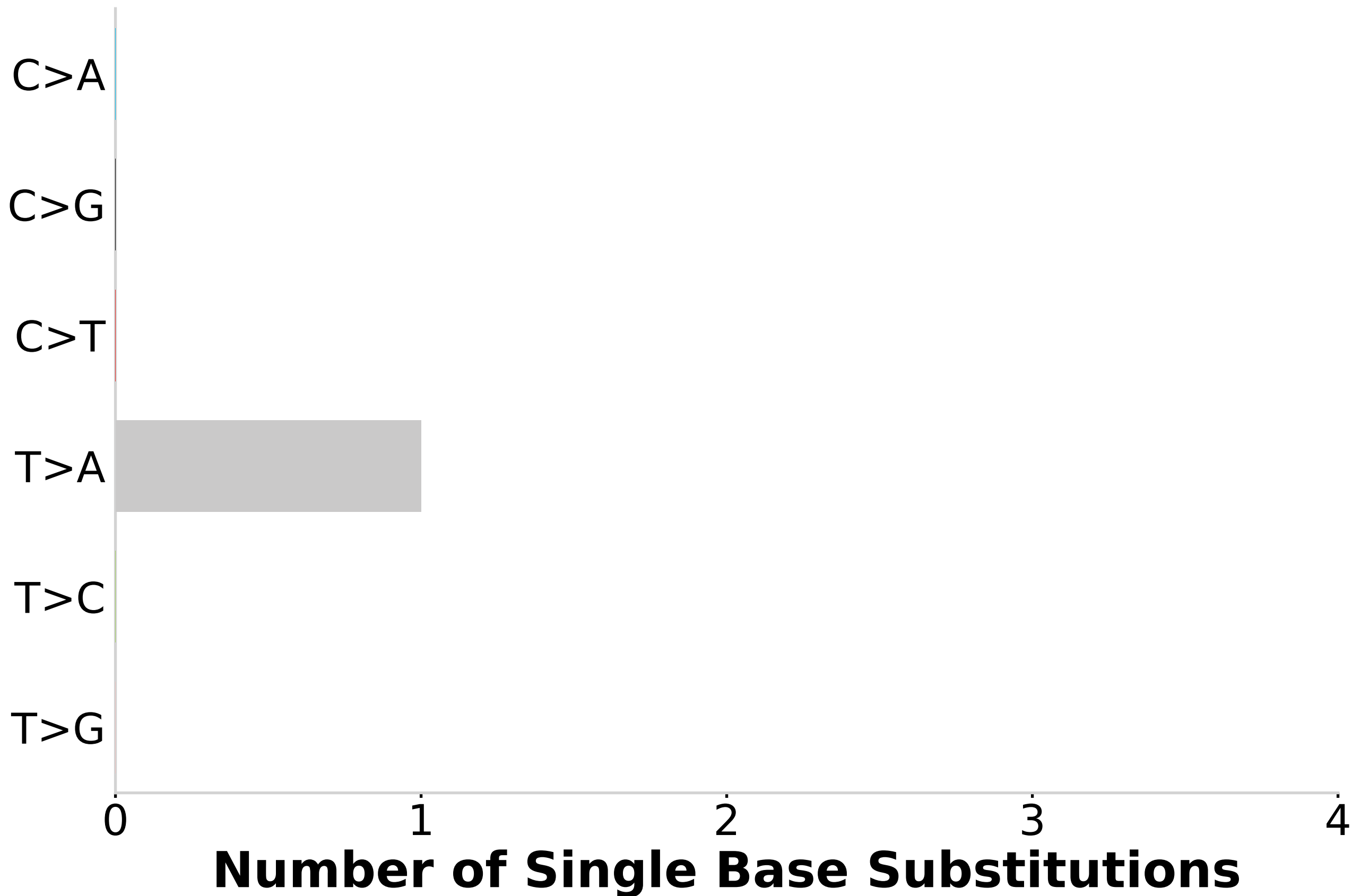
TCGA-A8-A08P-01A-11W-A019-09: 1 subs



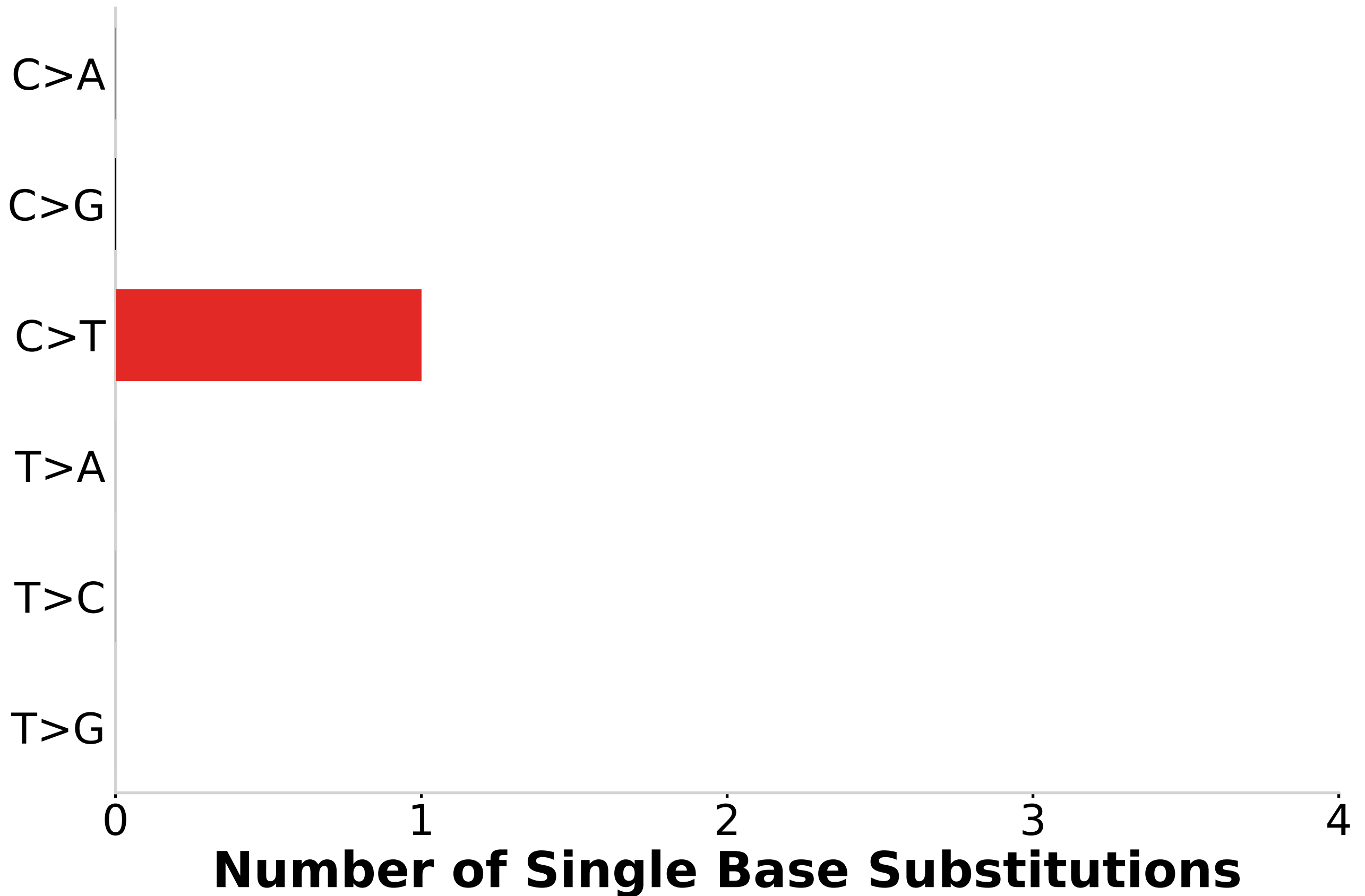
TCGA-A8-A08R-01A-11W-A050-09: 11 subs



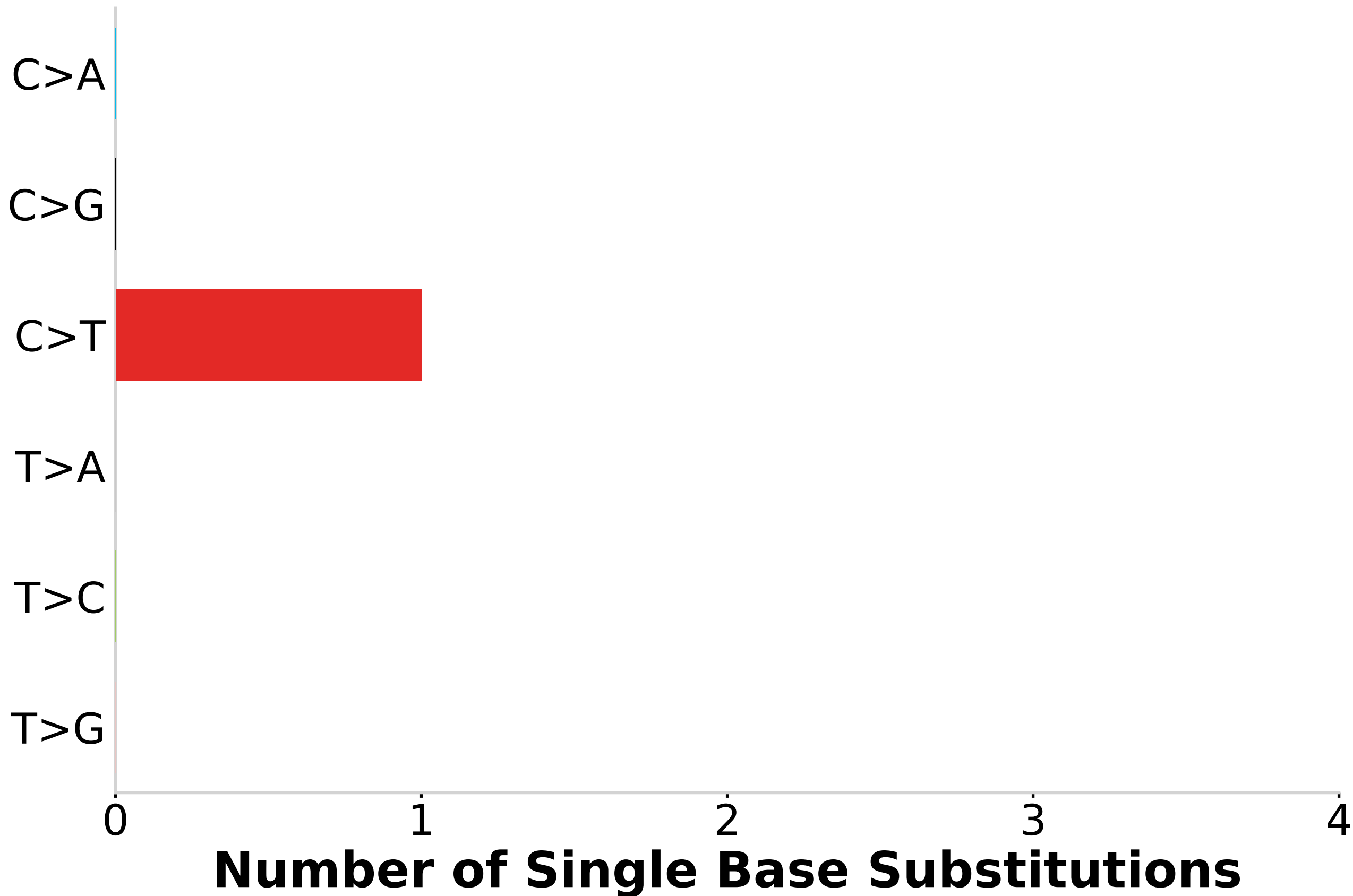
TCGA-A8-A08S-01A-11W-A050-09: 1 subs



TCGA-A8-A08T-01A-21W-A019-09: 1 subs



TCGA-A8-A090-01A-11W-A019-09: 1 subs



TCGA-A8-A091-01A-11W-A019-09: 1 subs



TCGA-A8-A093-01A-11W-A019-09: 1 subs



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C>G

C>T

T>A

T>C

T>G

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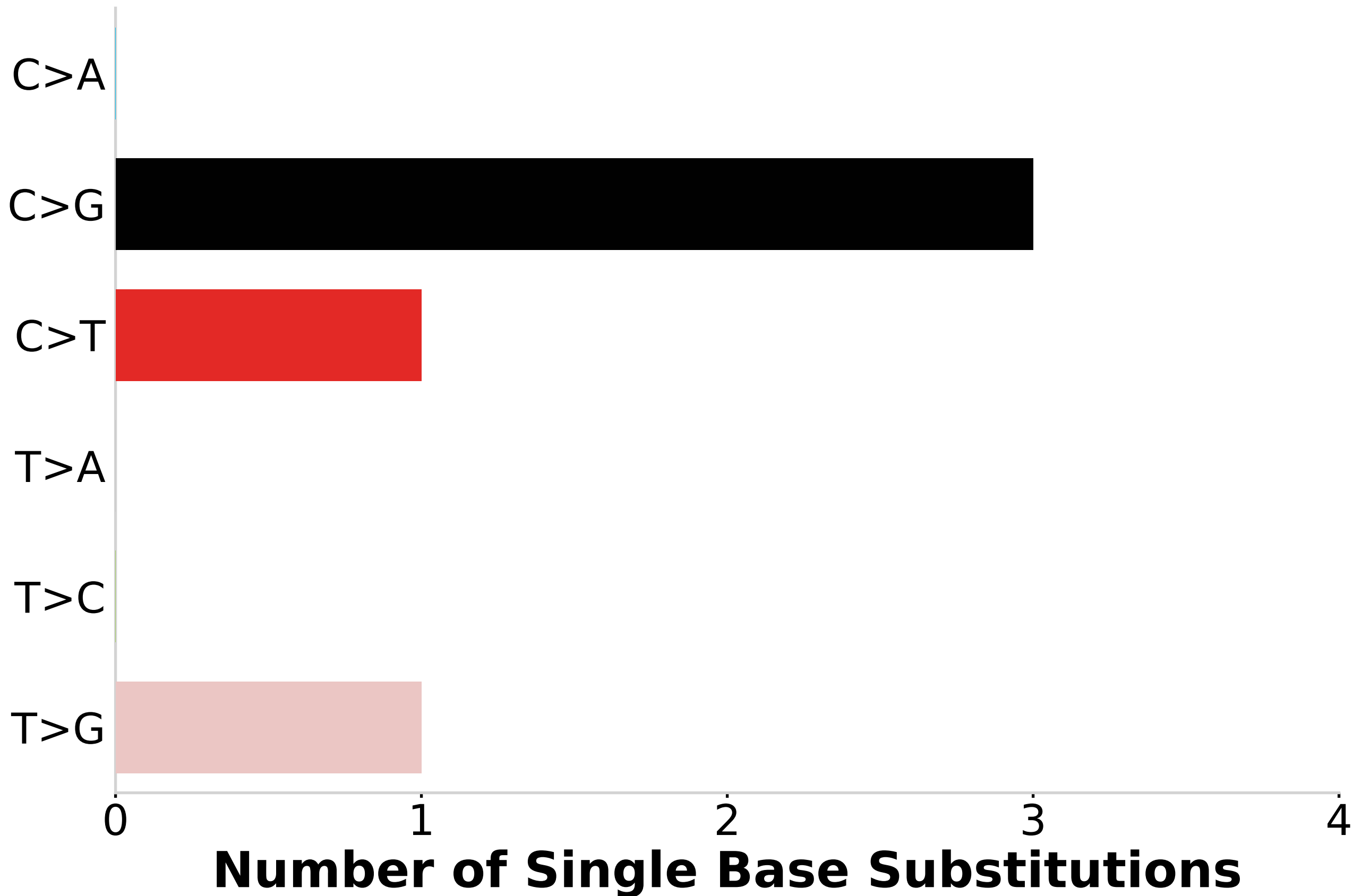
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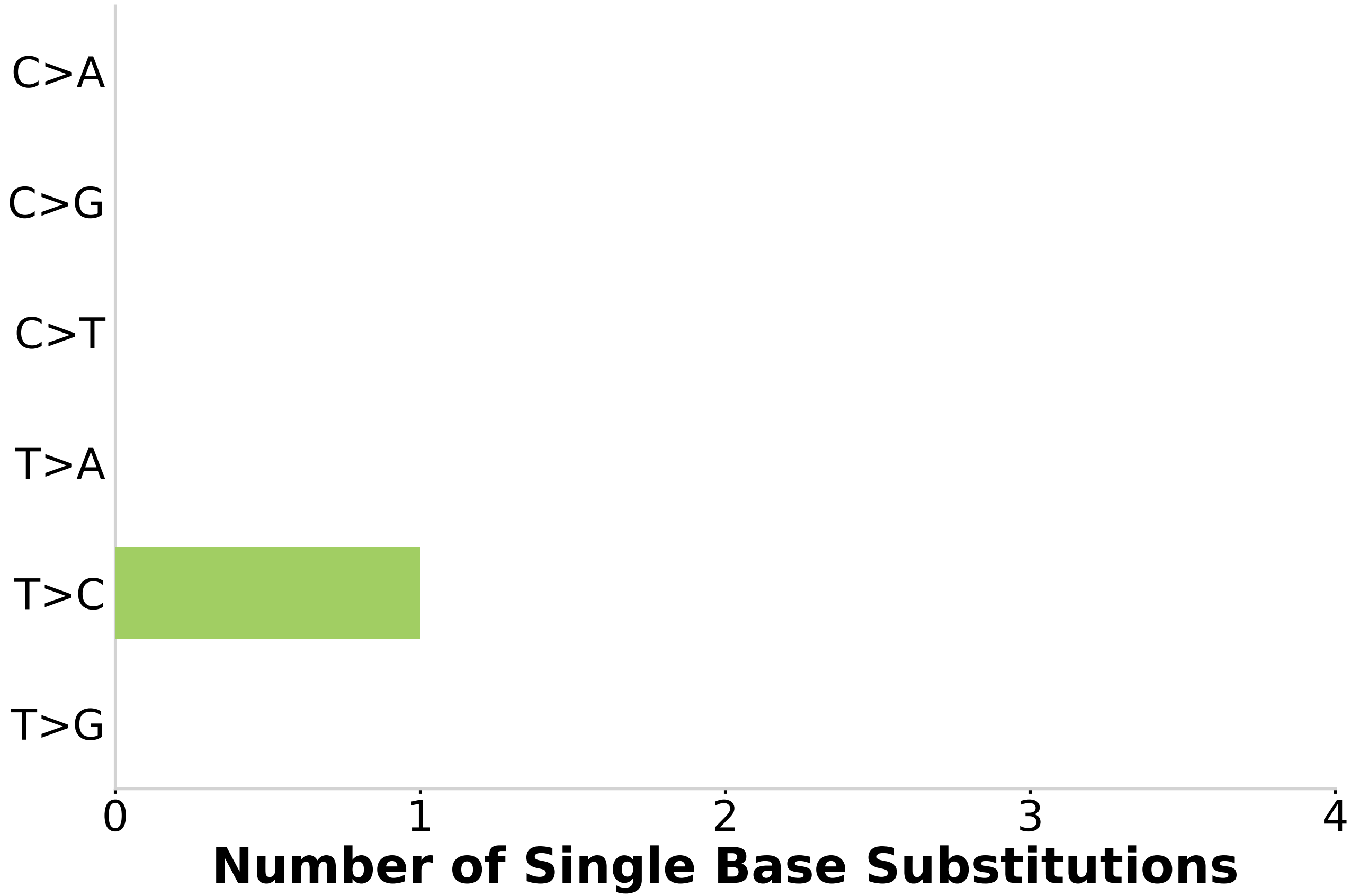
Number of Single Base Substitutions



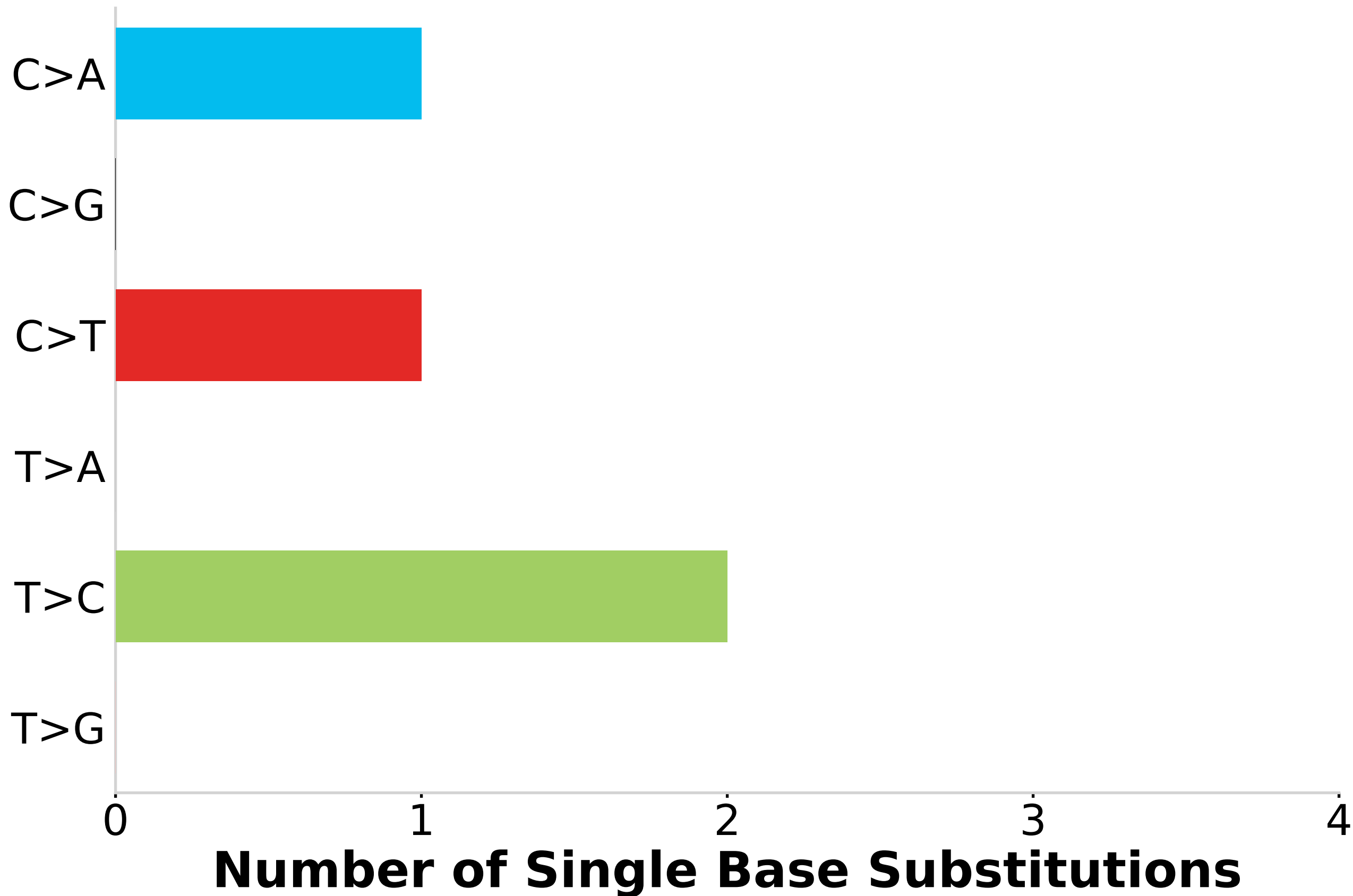
TCGA-A8-A095-01A-11W-A019-09: 5 subs



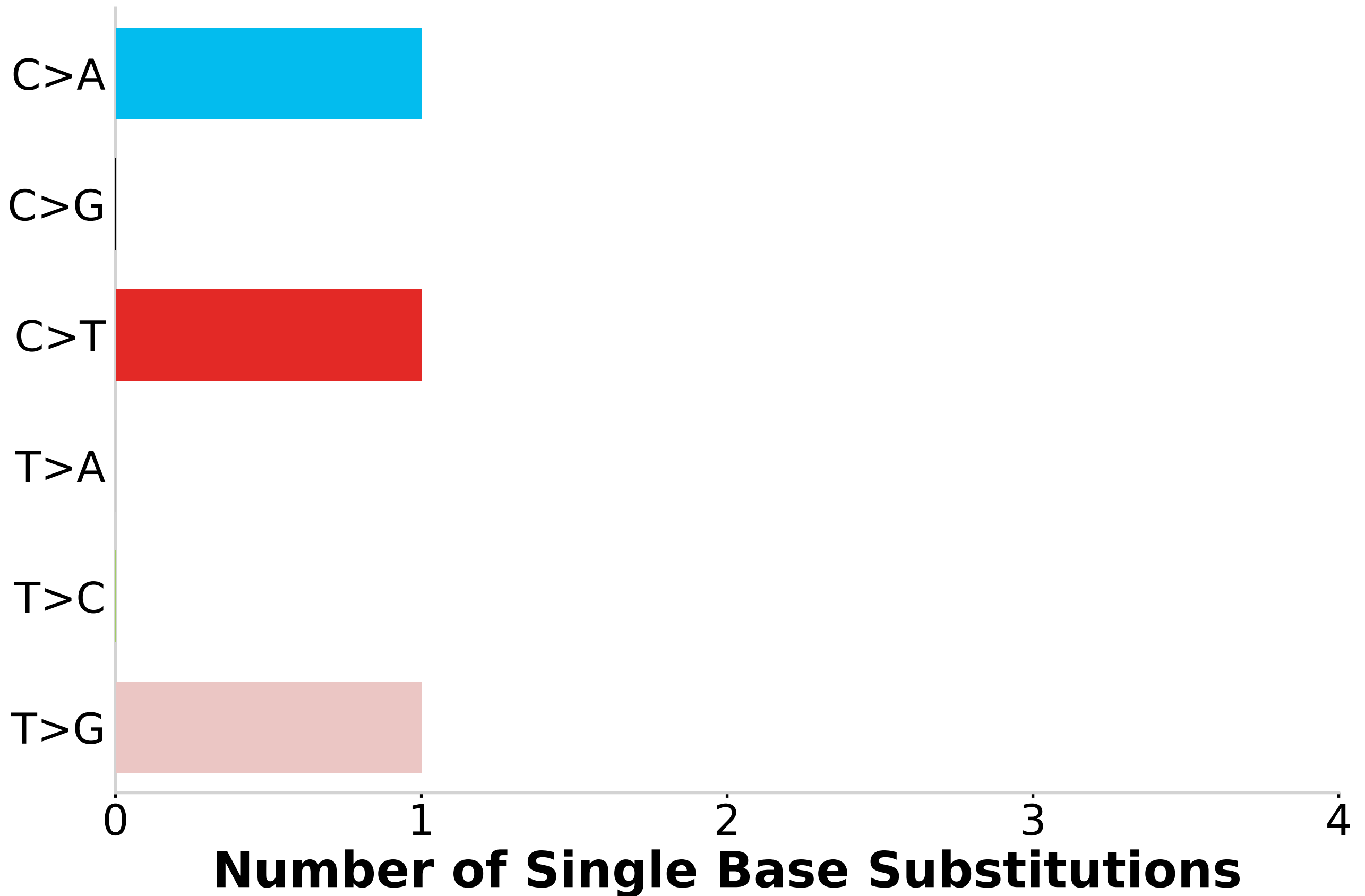
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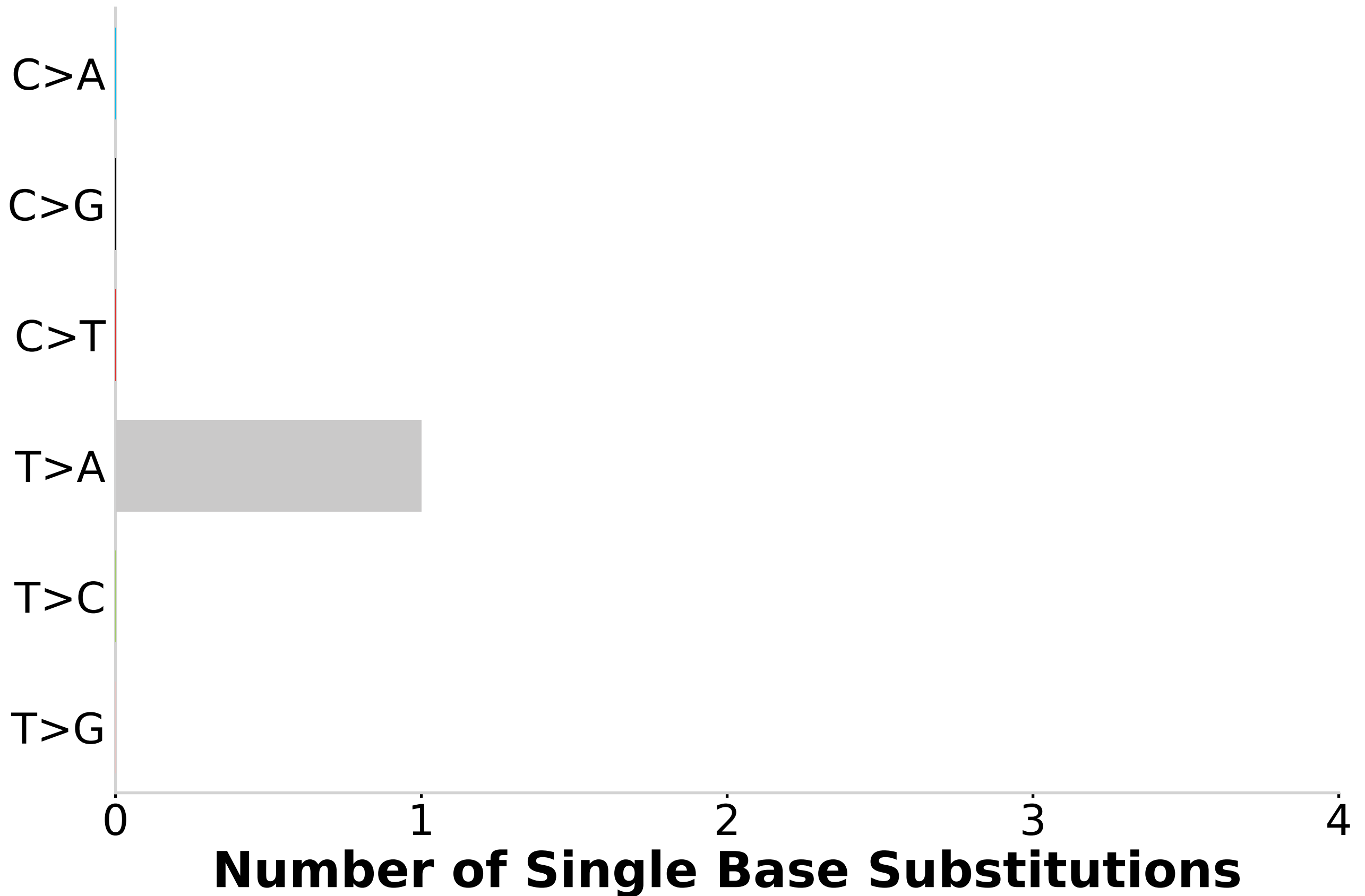
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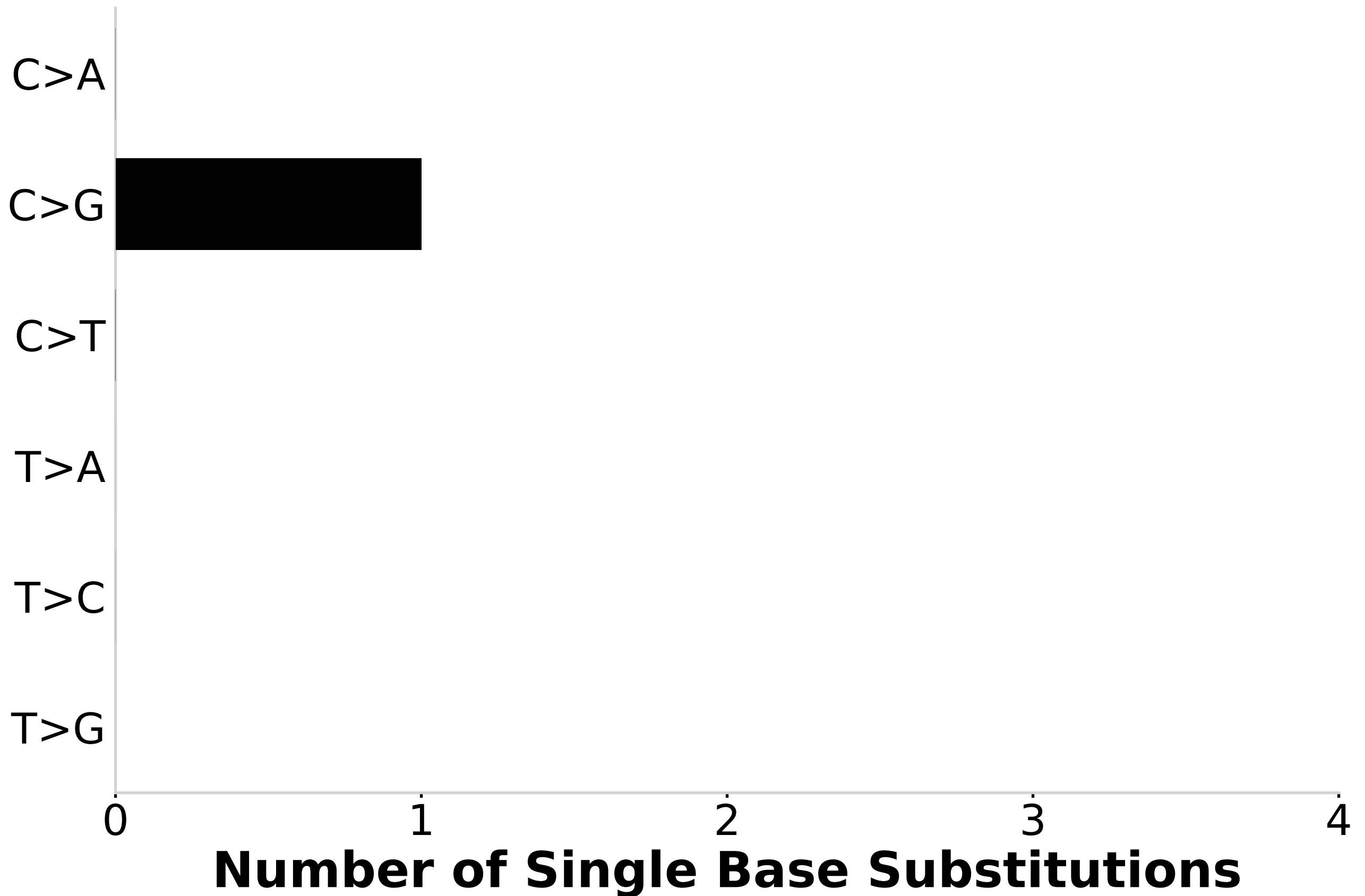
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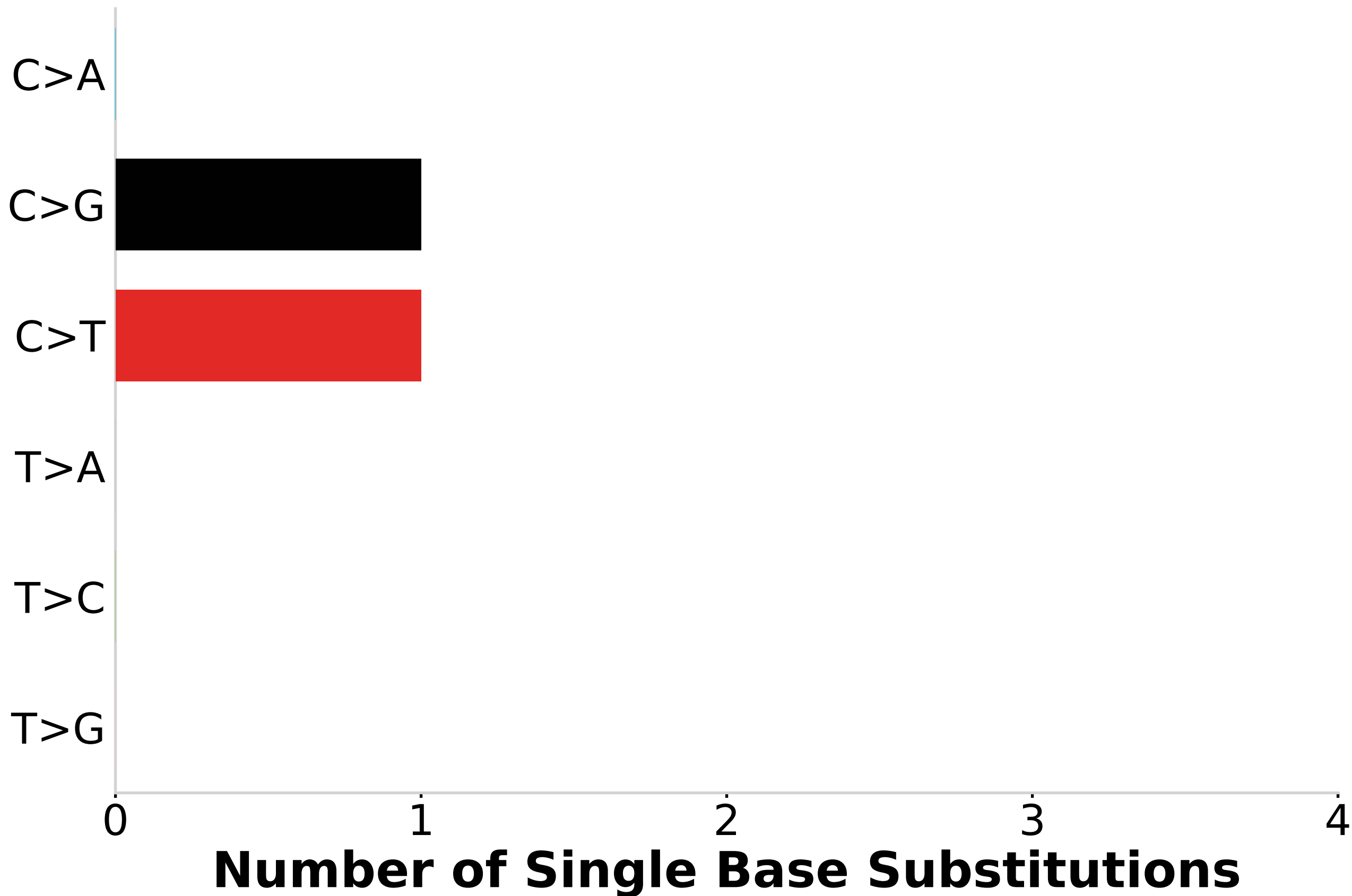
TCGA-A8-A09C-01A-11W-A019-09: 1 subs



TCGA-A8-A09D-01A-11W-A019-09: 1 subs



TCGA-A8-A09E-01A-11W-A019-09: 2 subs



TCGA-A8-A09G-01A-21W-A019-09: 8 subs

C>A

C>G

C>T

T>A

T>C

T>G

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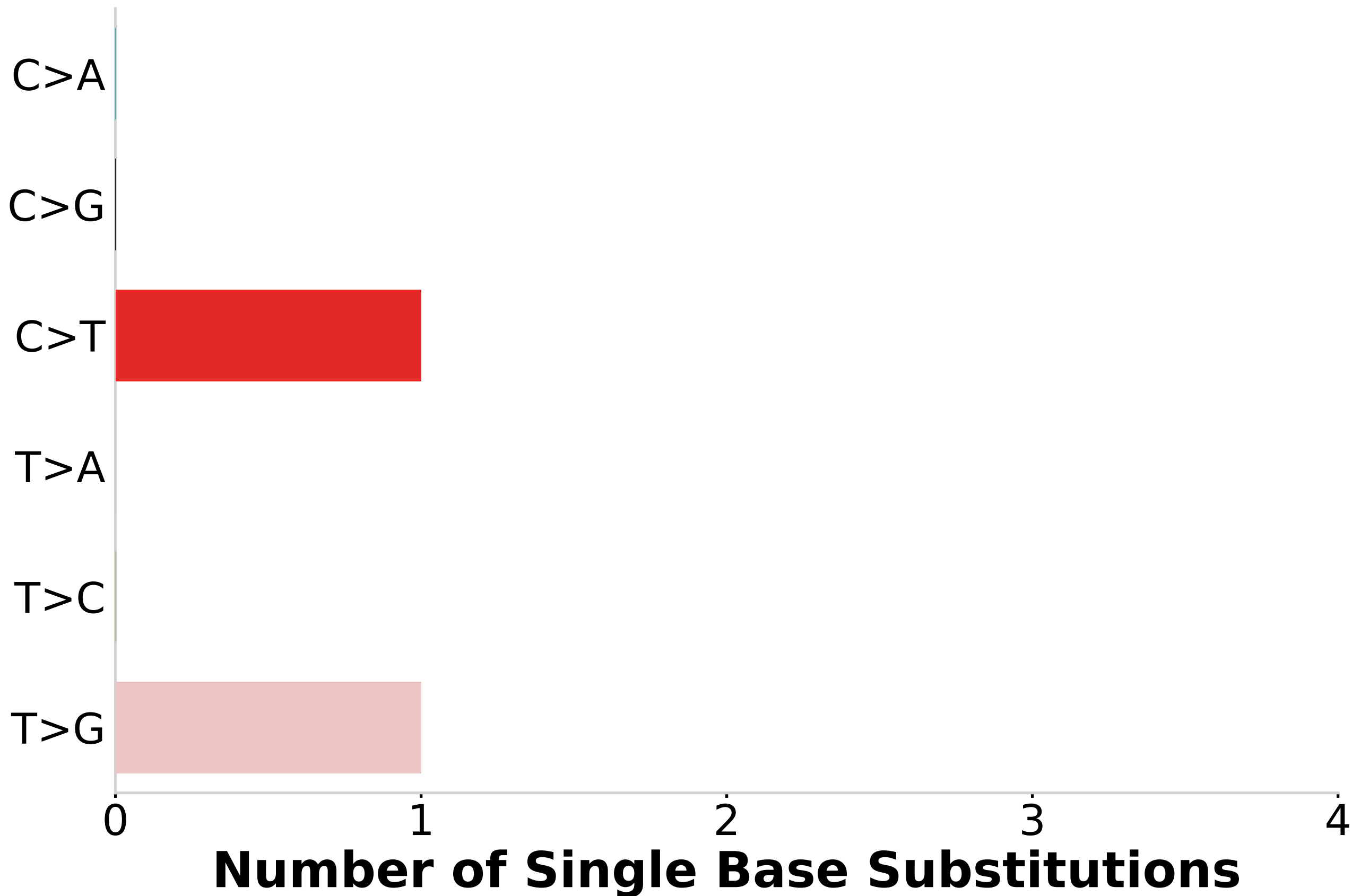
6

8

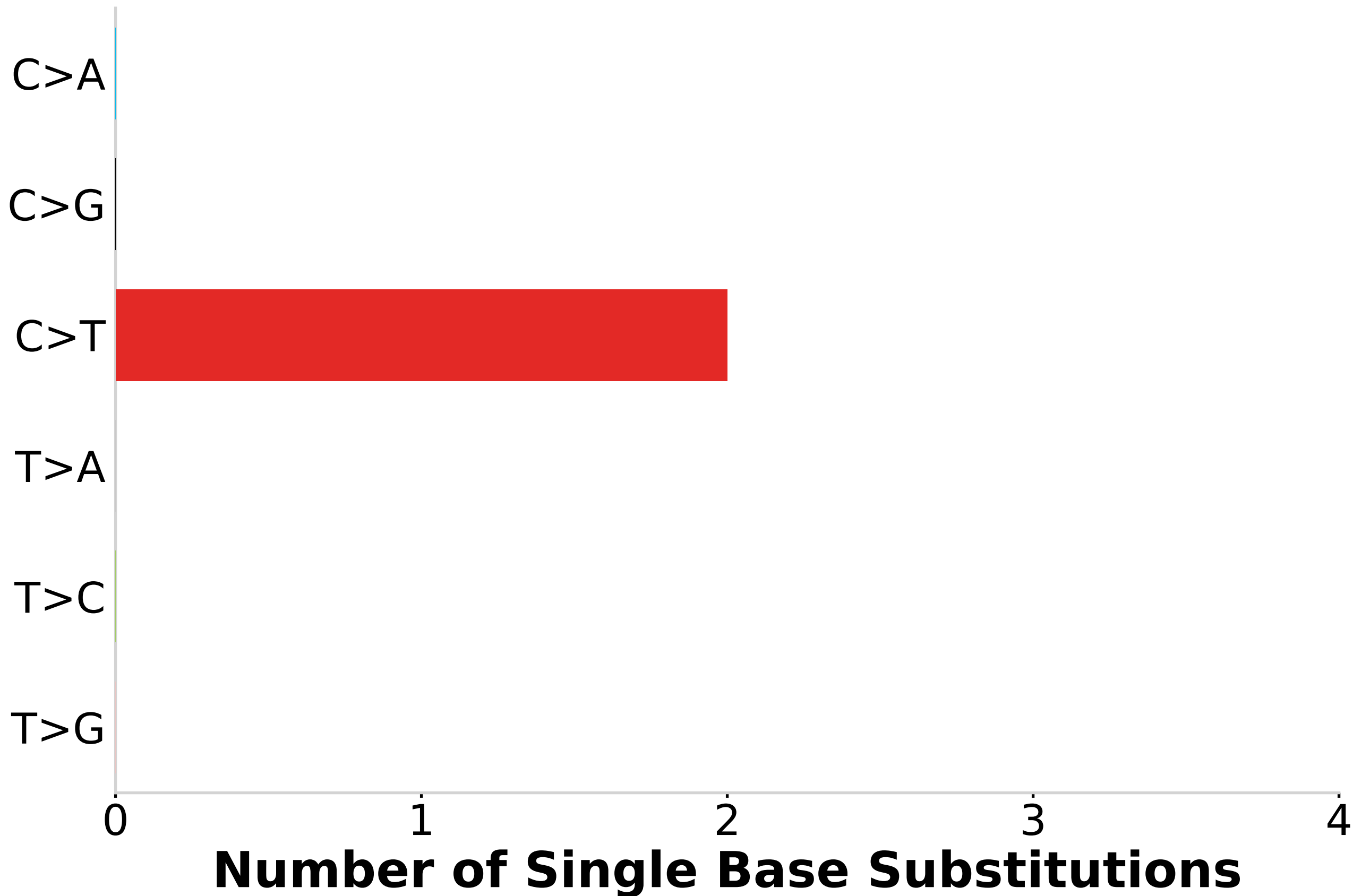
Number of Single Base Substitutions



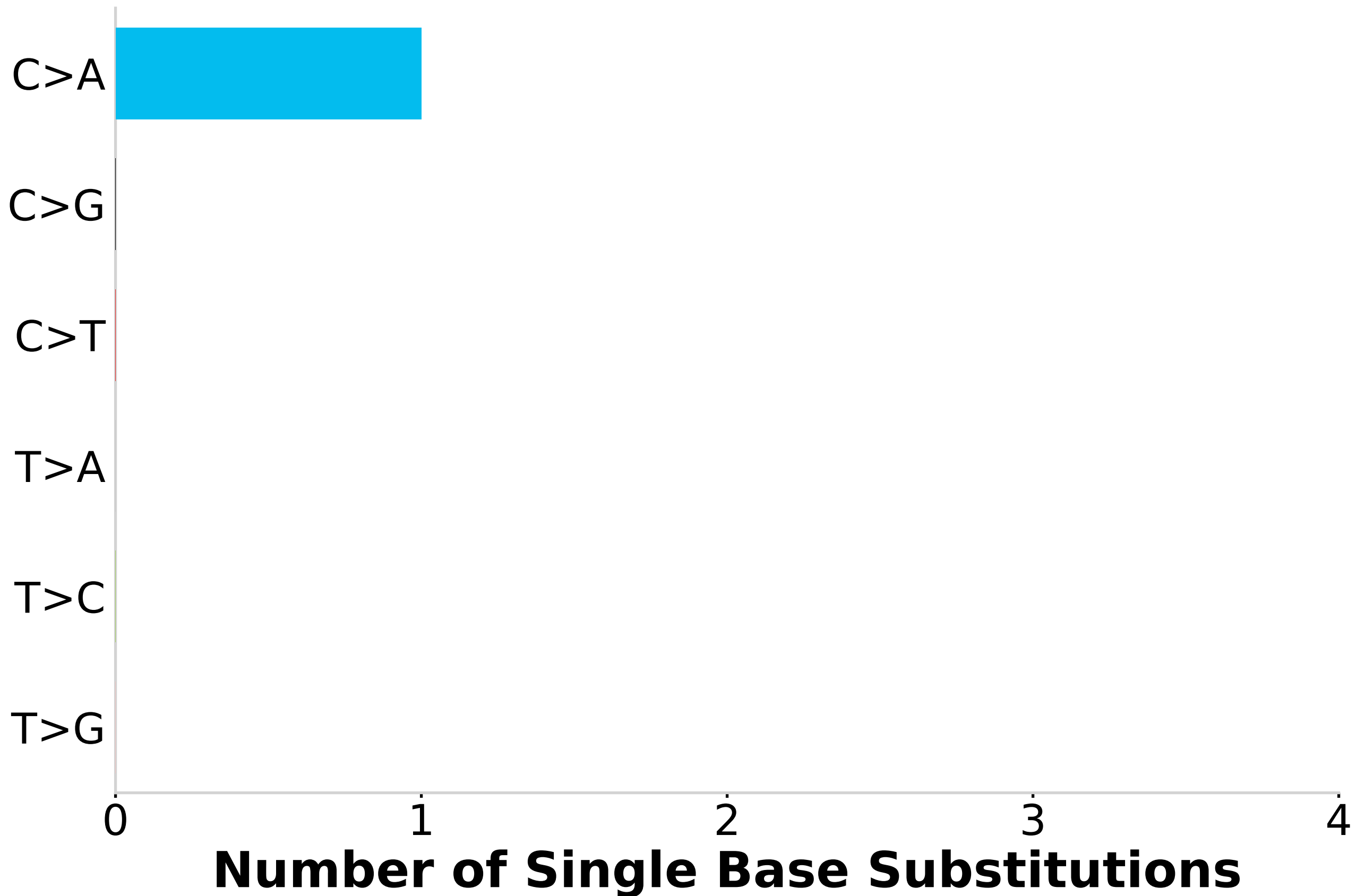
TCGA-A8-A09I-01A-22W-A050-09: 2 subs



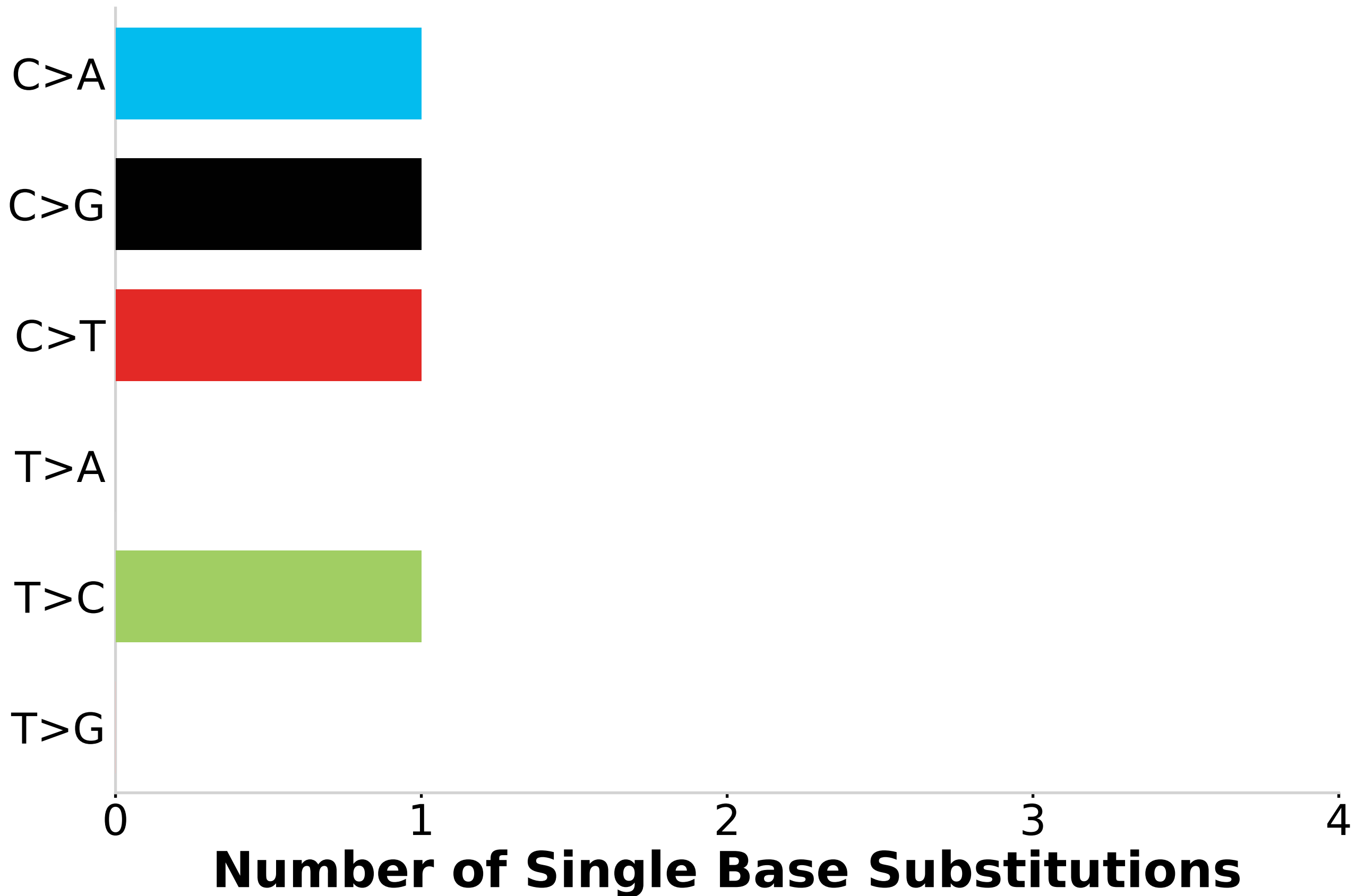
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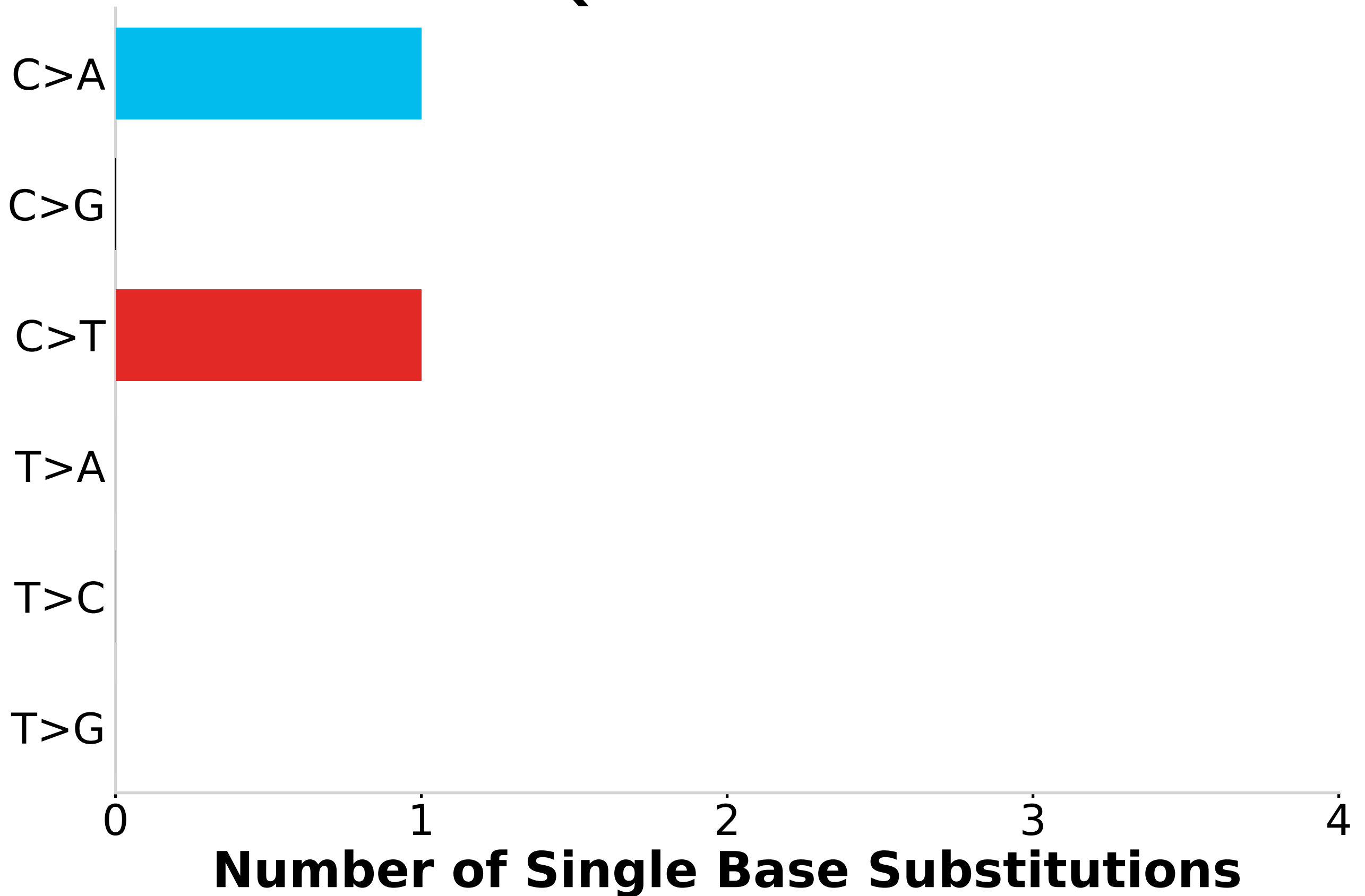
TCGA-A8-A09M-01A-11W-A019-09: 1 subs



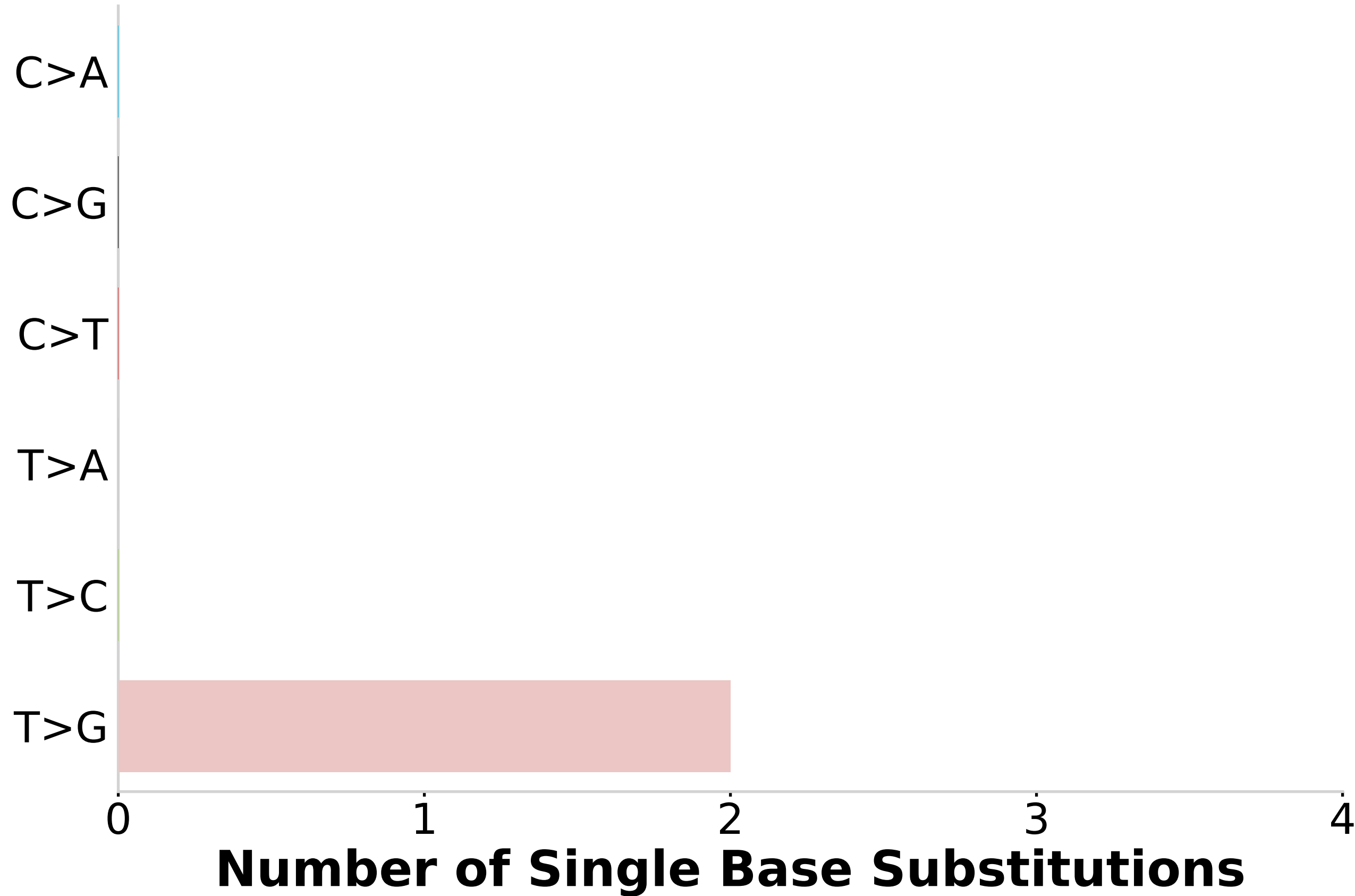
TCGA-A8-A09N-01A-11W-A019-09: 4 subs



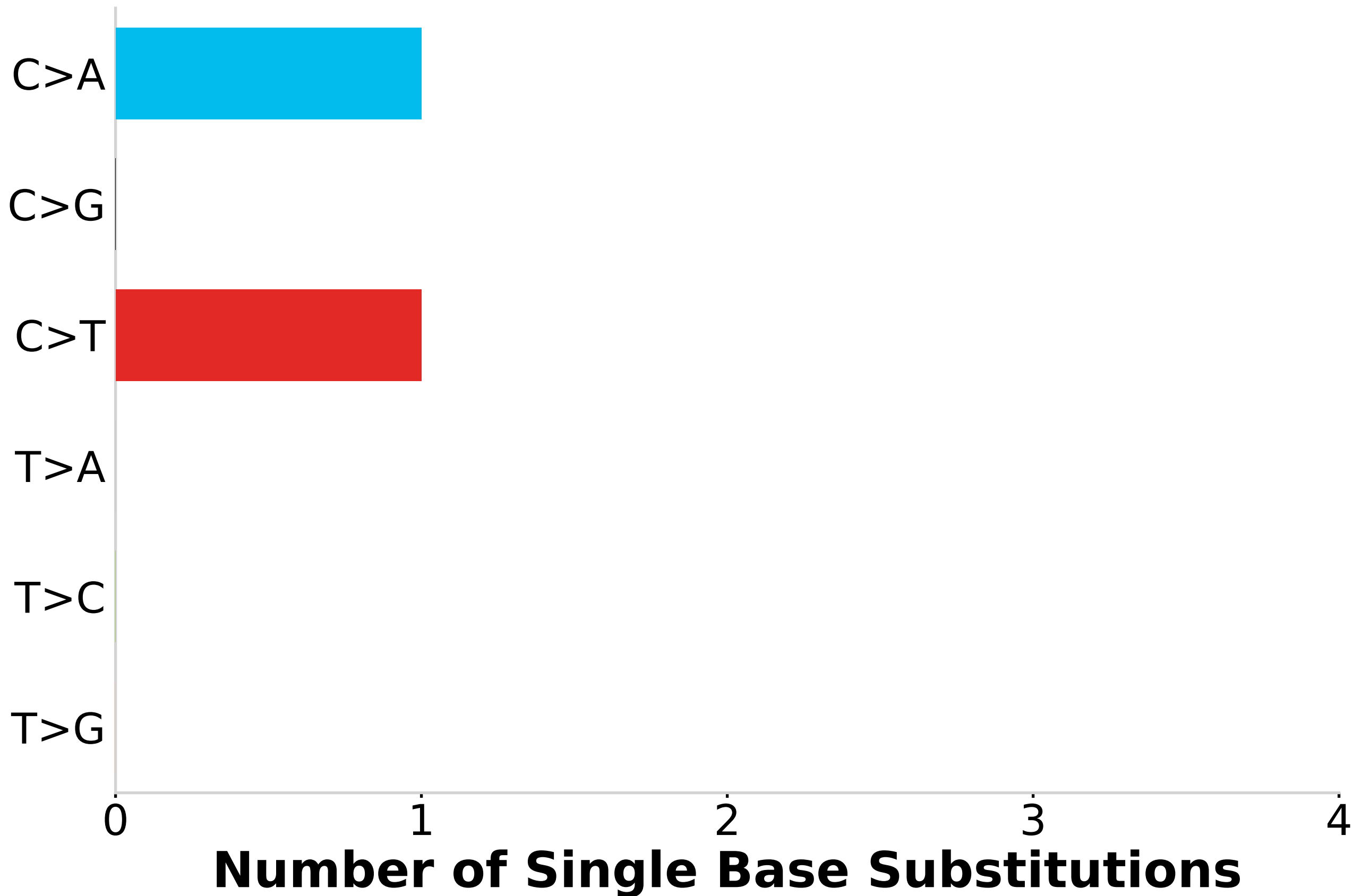
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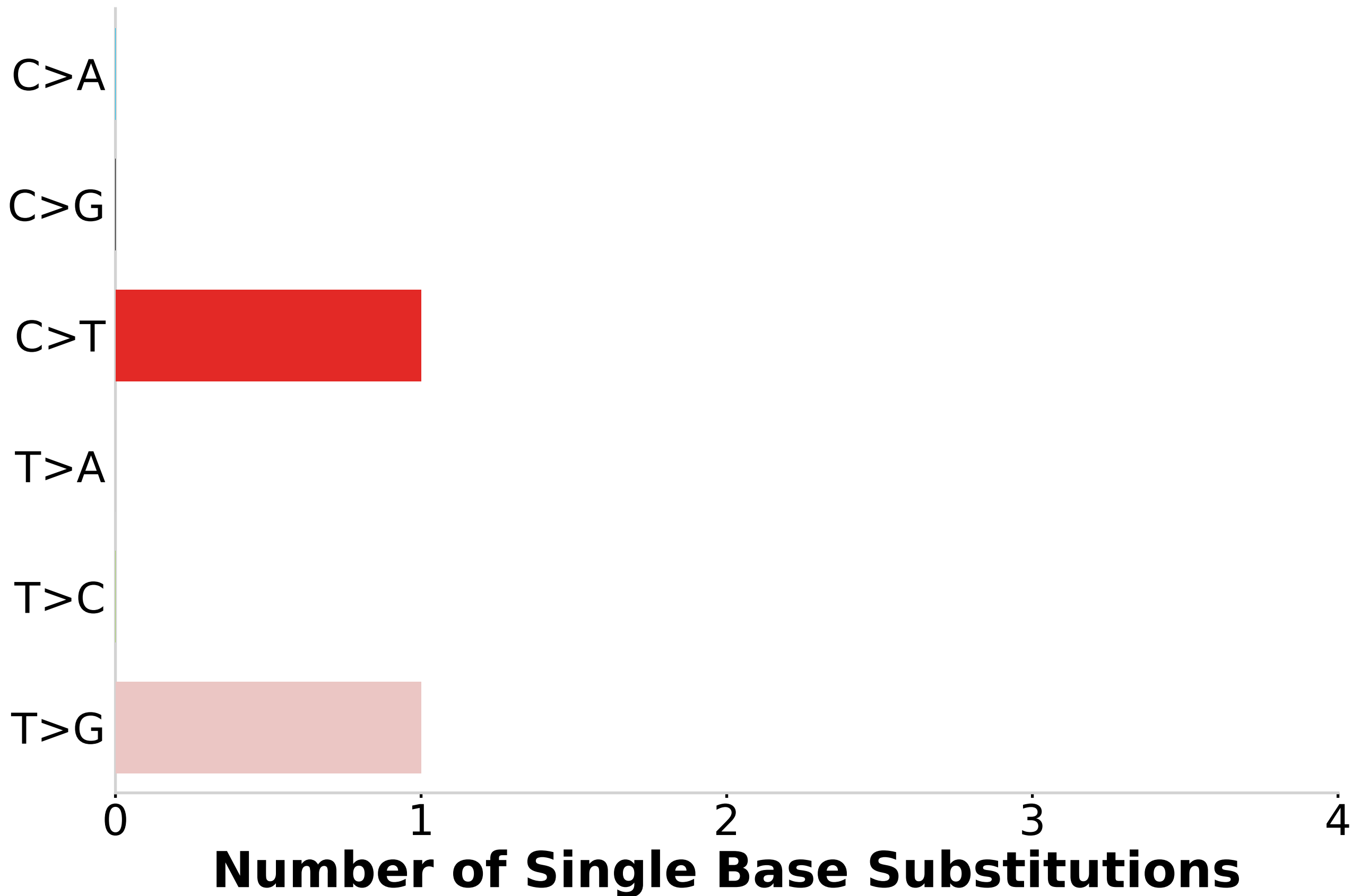
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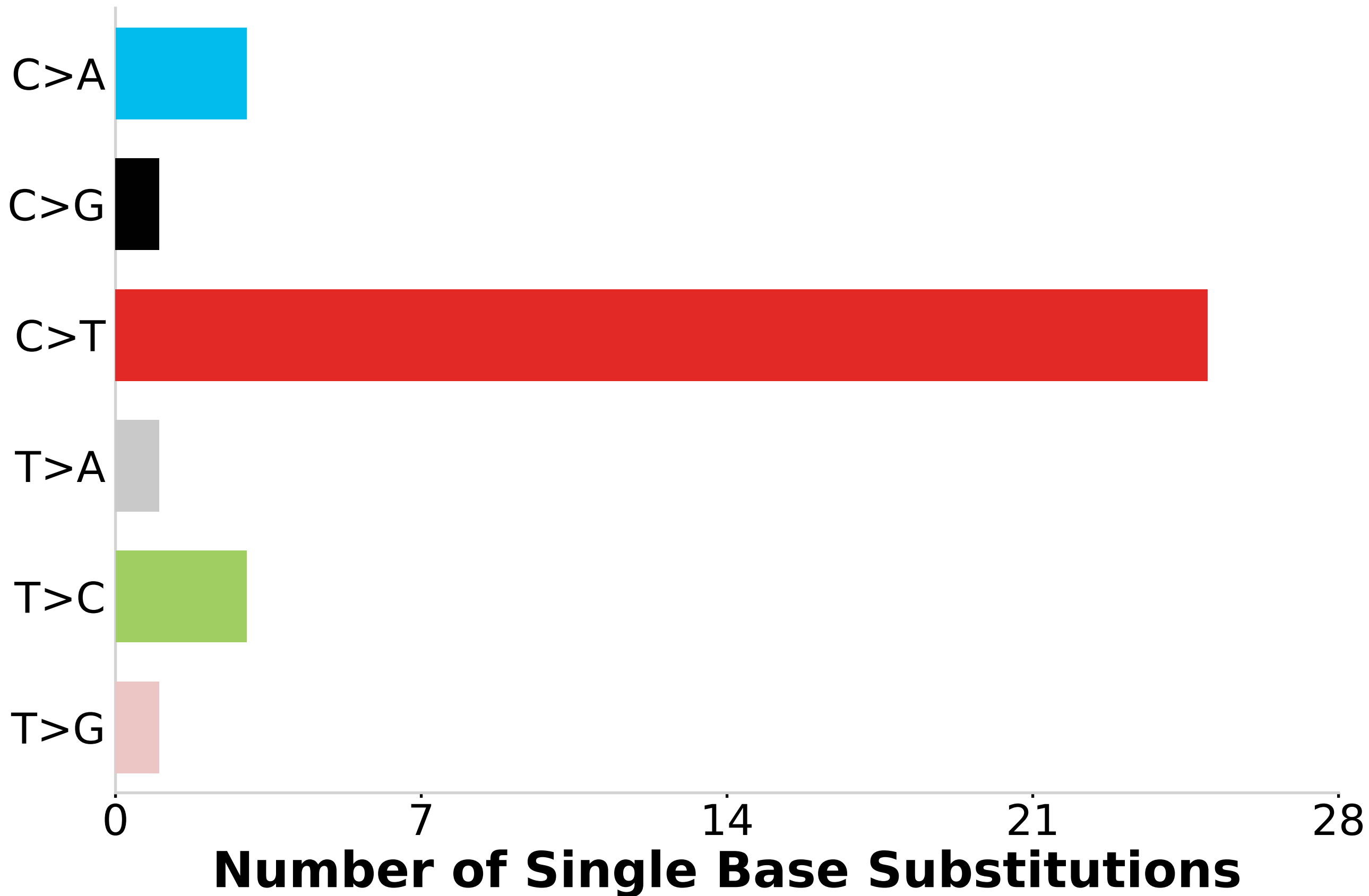
TCGA-A8-A09V-01A-11D-A045-09: 2 subs



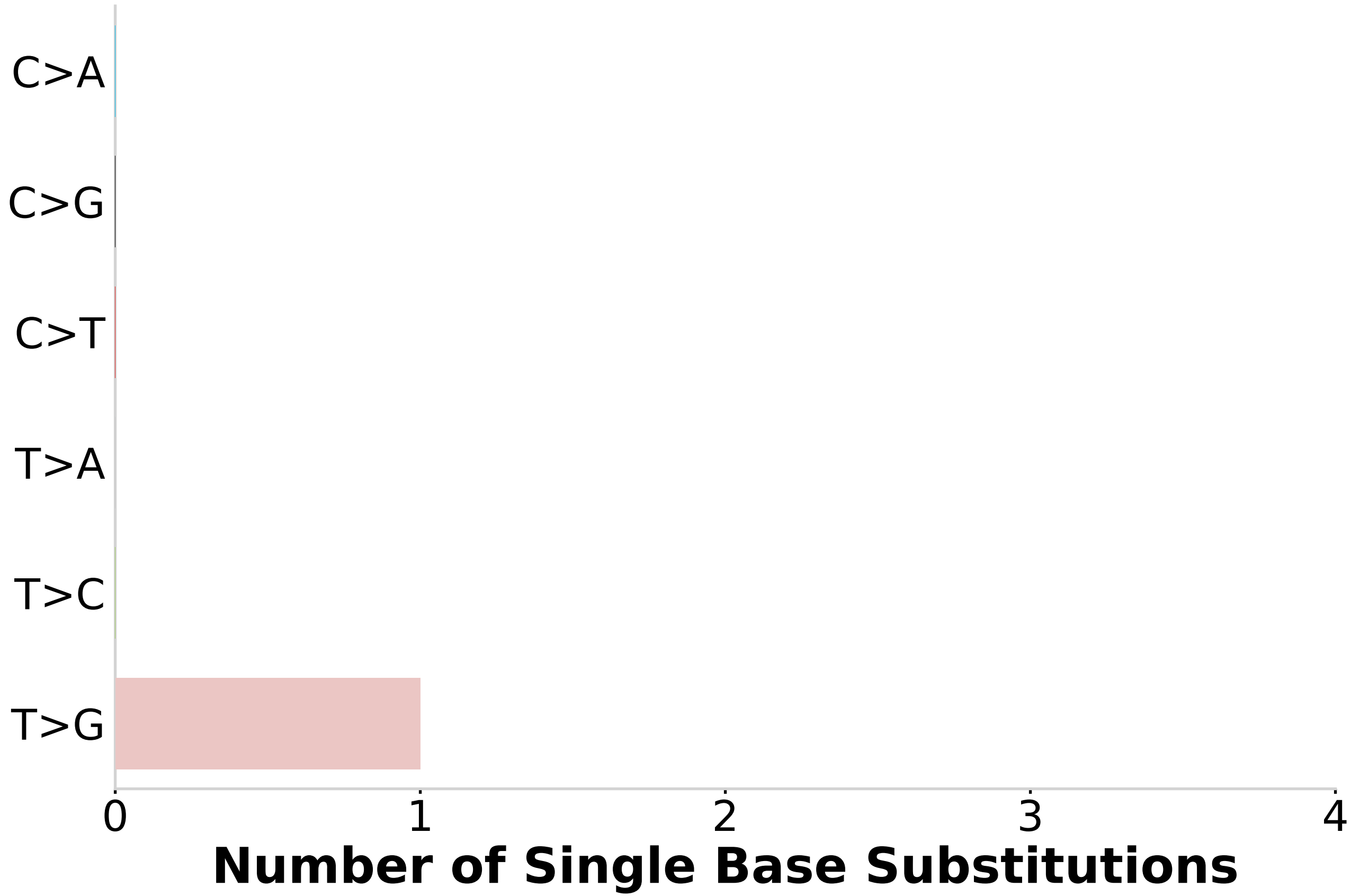
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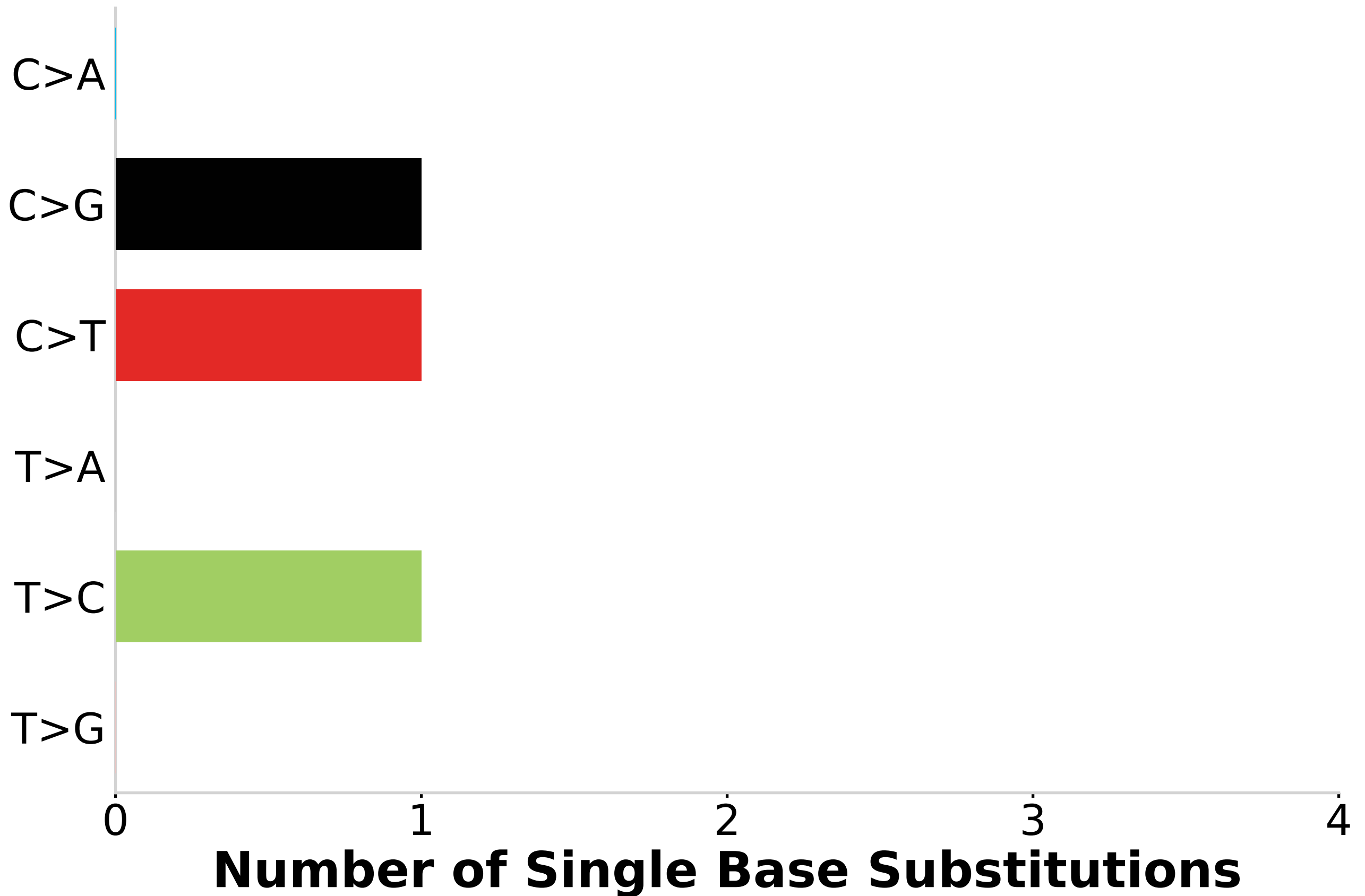
TCGA-A8-A09Z-01A-11W-A019-09: 34 subs



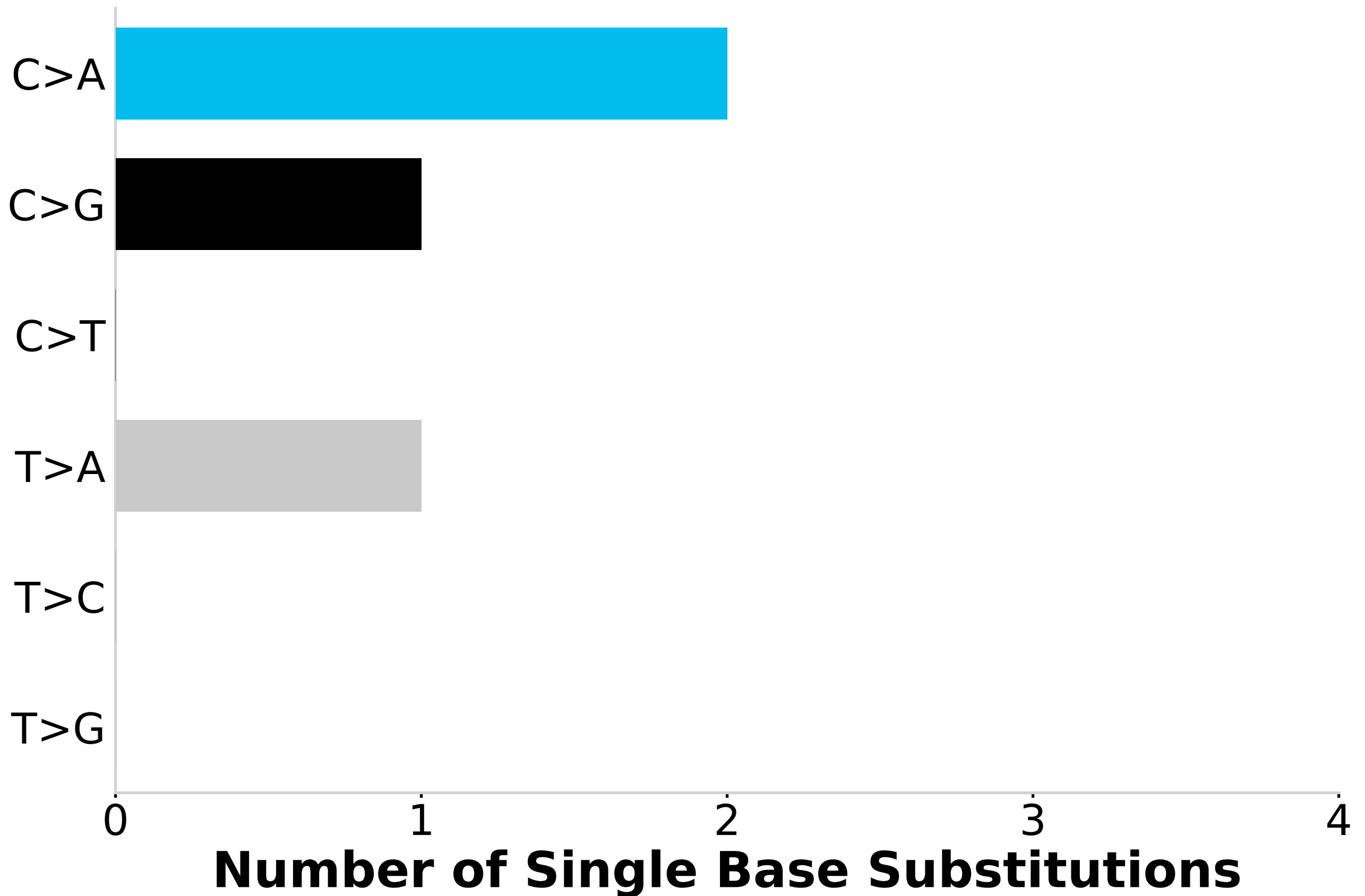
TCGA-A8-A0A1-01A-11W-A019-09: 1 subs



TCGA-A8-A0A2-01A-11W-A050-09: 3 subs



TCGA-A8-A0A4-01A-11W-A019-09: 4 subs



TCGA-A8-A0A7-01A-11W-A019-09: 7 subs

C>A

C>G

C>T

T>A

T>C

T>G

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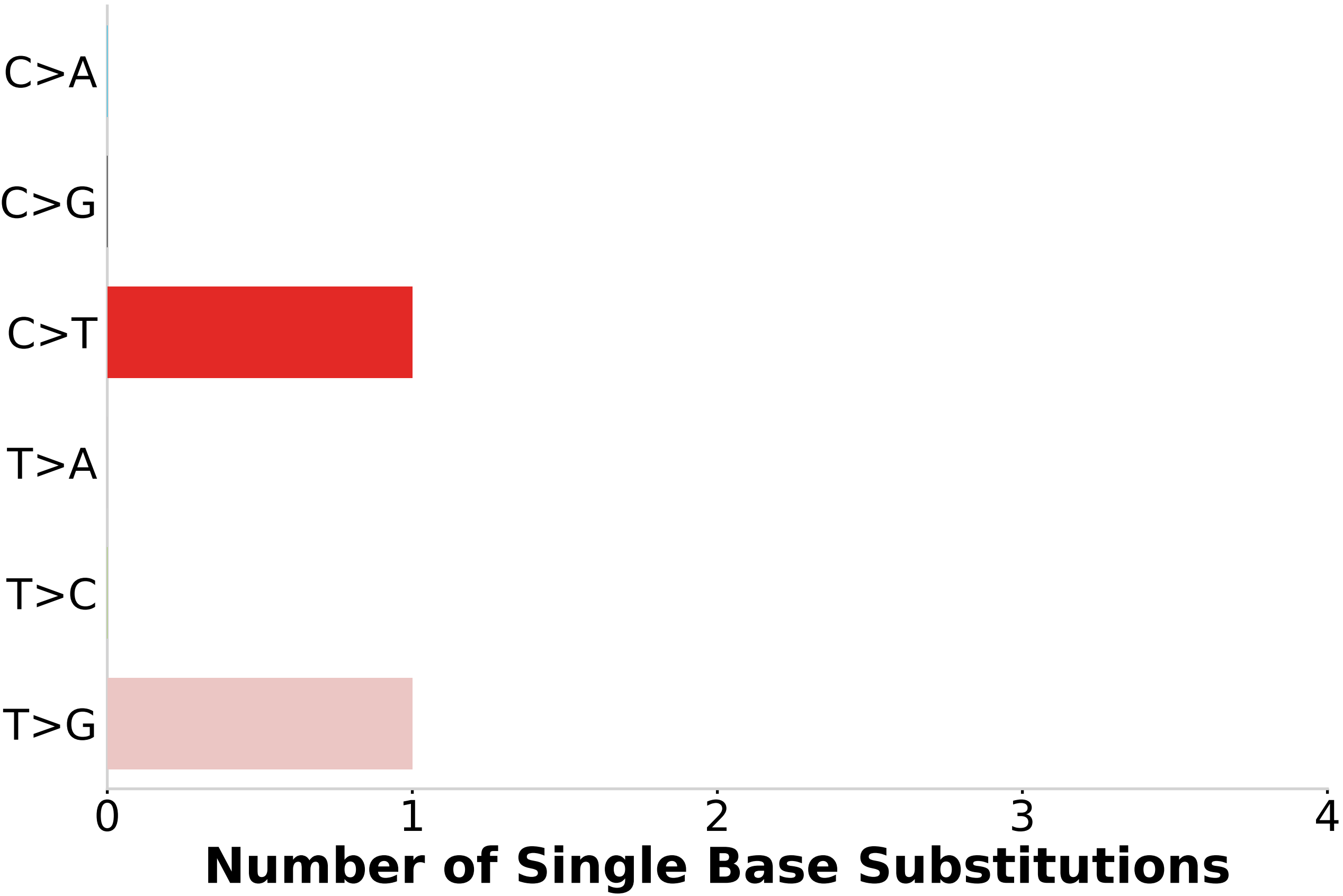
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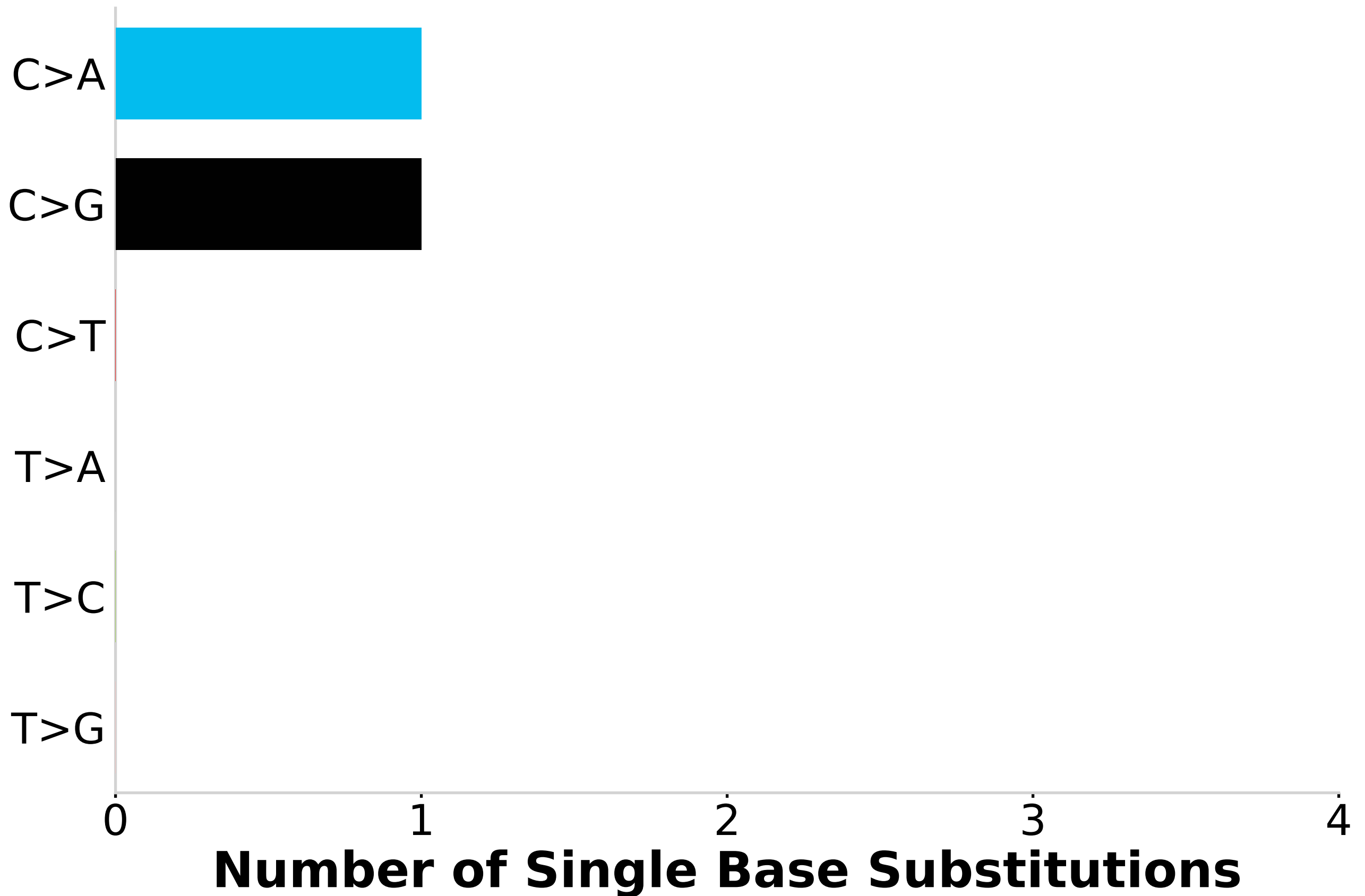
Number of Single Base Substitutions



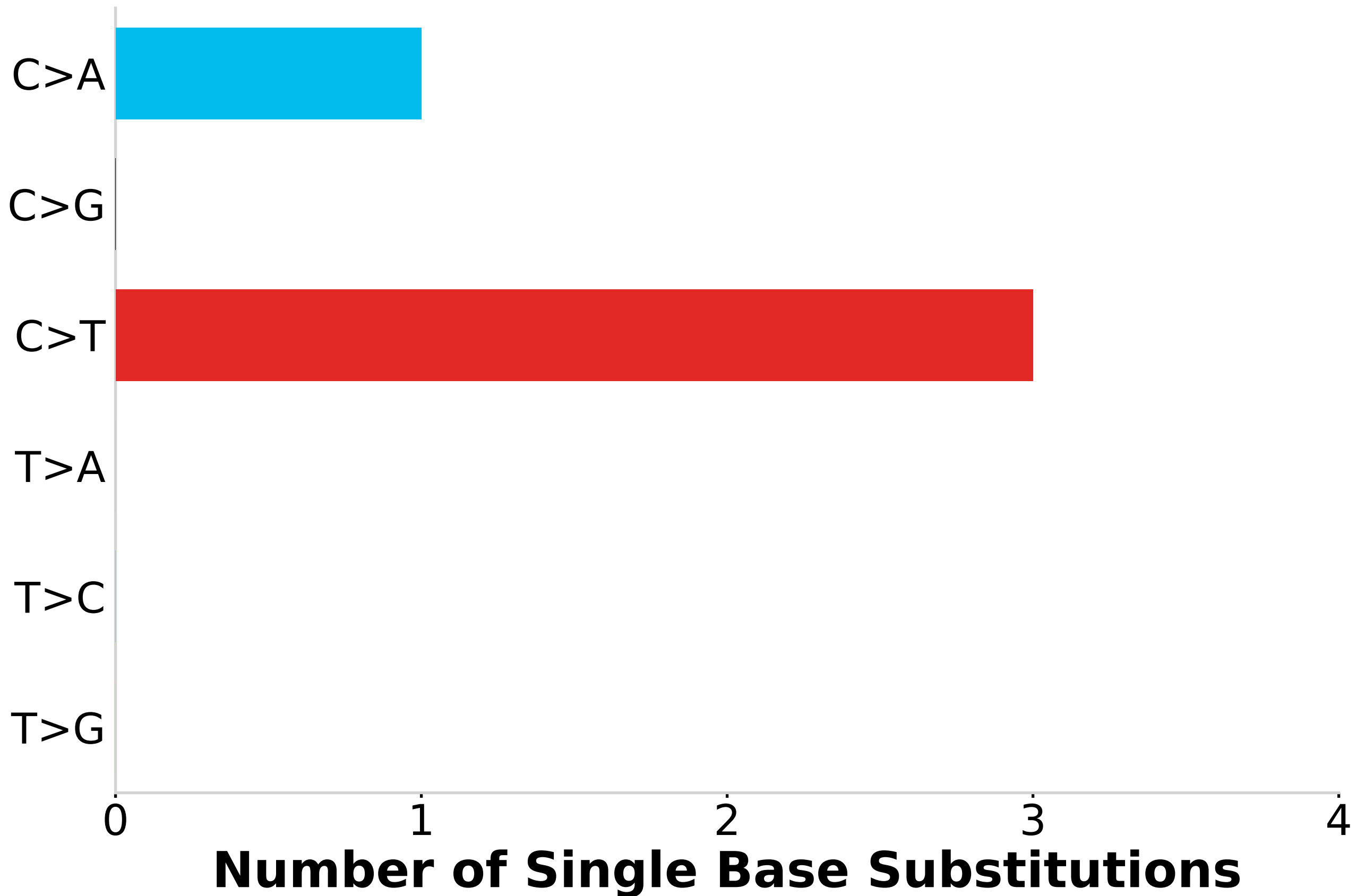
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TCGA-A8-A0AB-01A-11W-A050-09: 2 subs



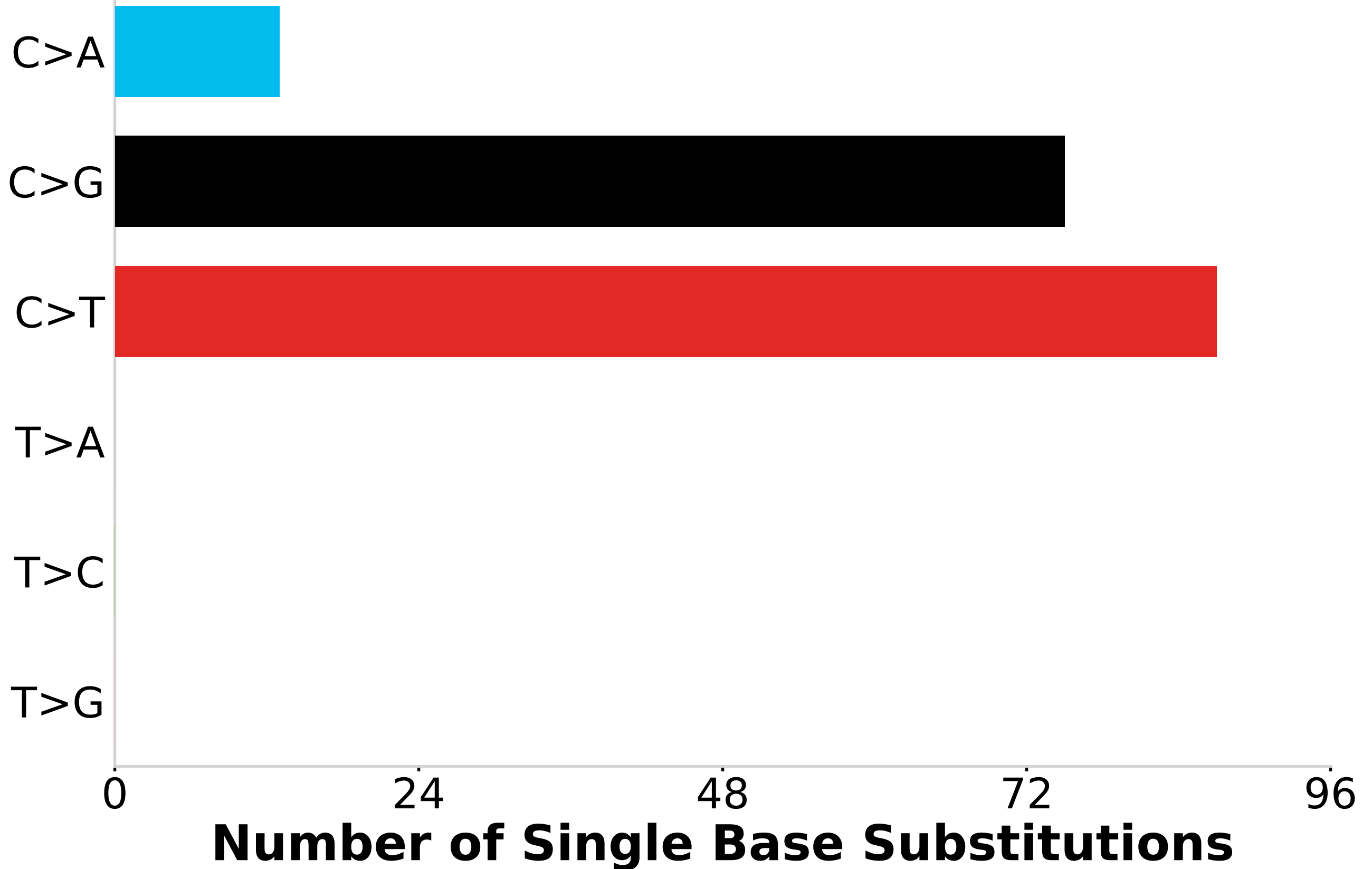
TCGA-AC-A23C-01A-12D-A167-09: 4 subs



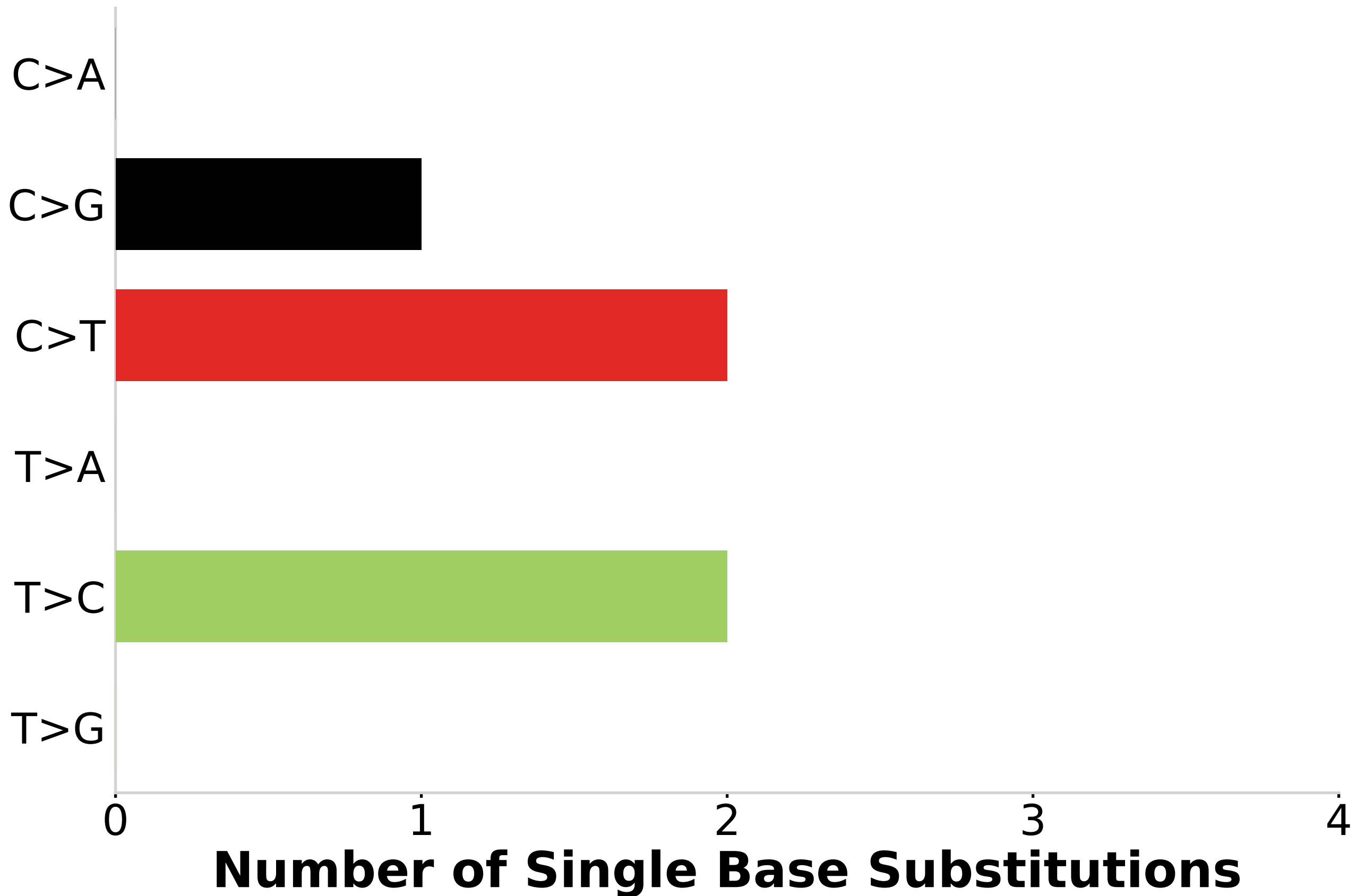
TCGA-AC-A23E-01A-11D-A159-09: 1 subs



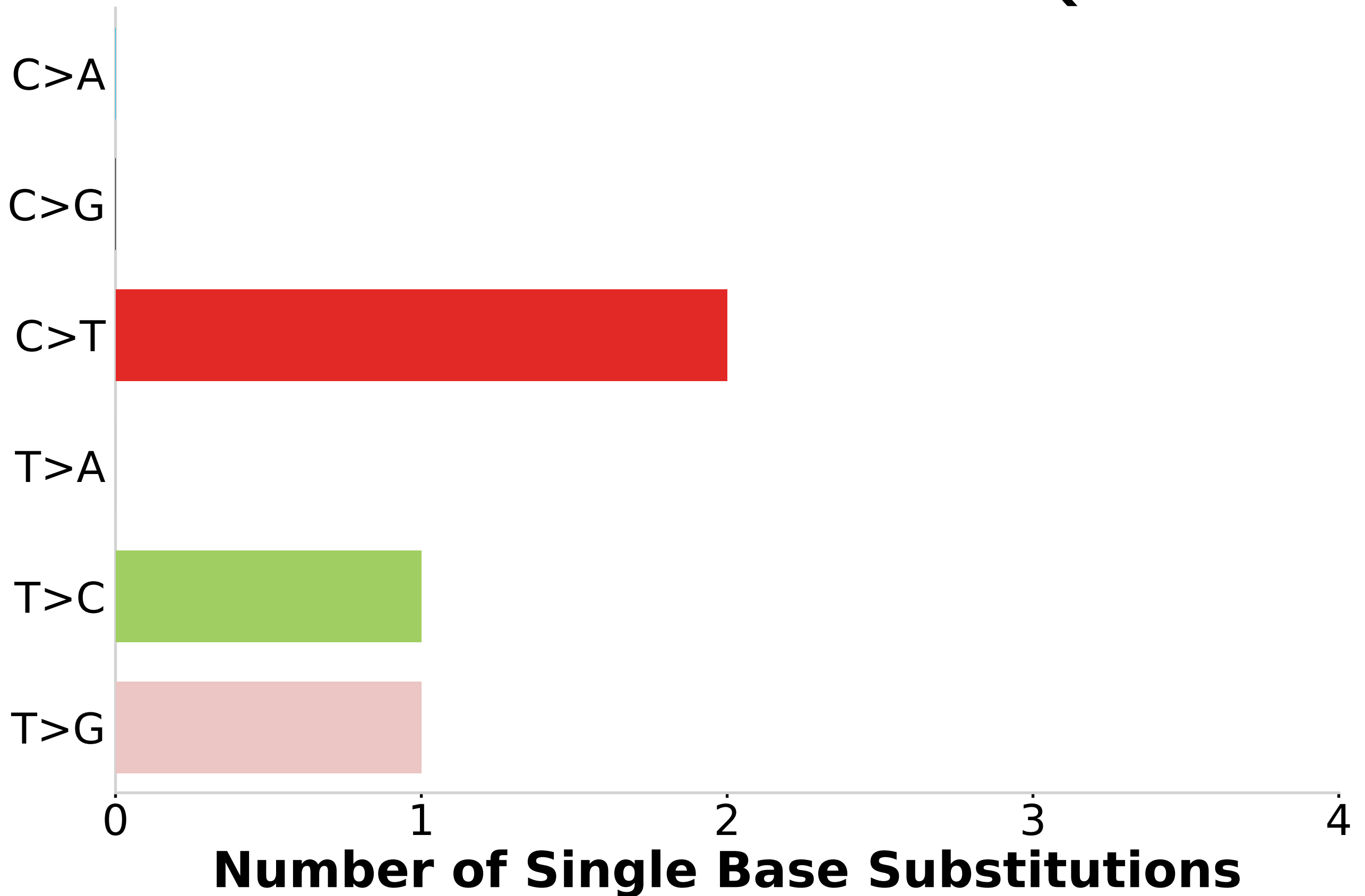
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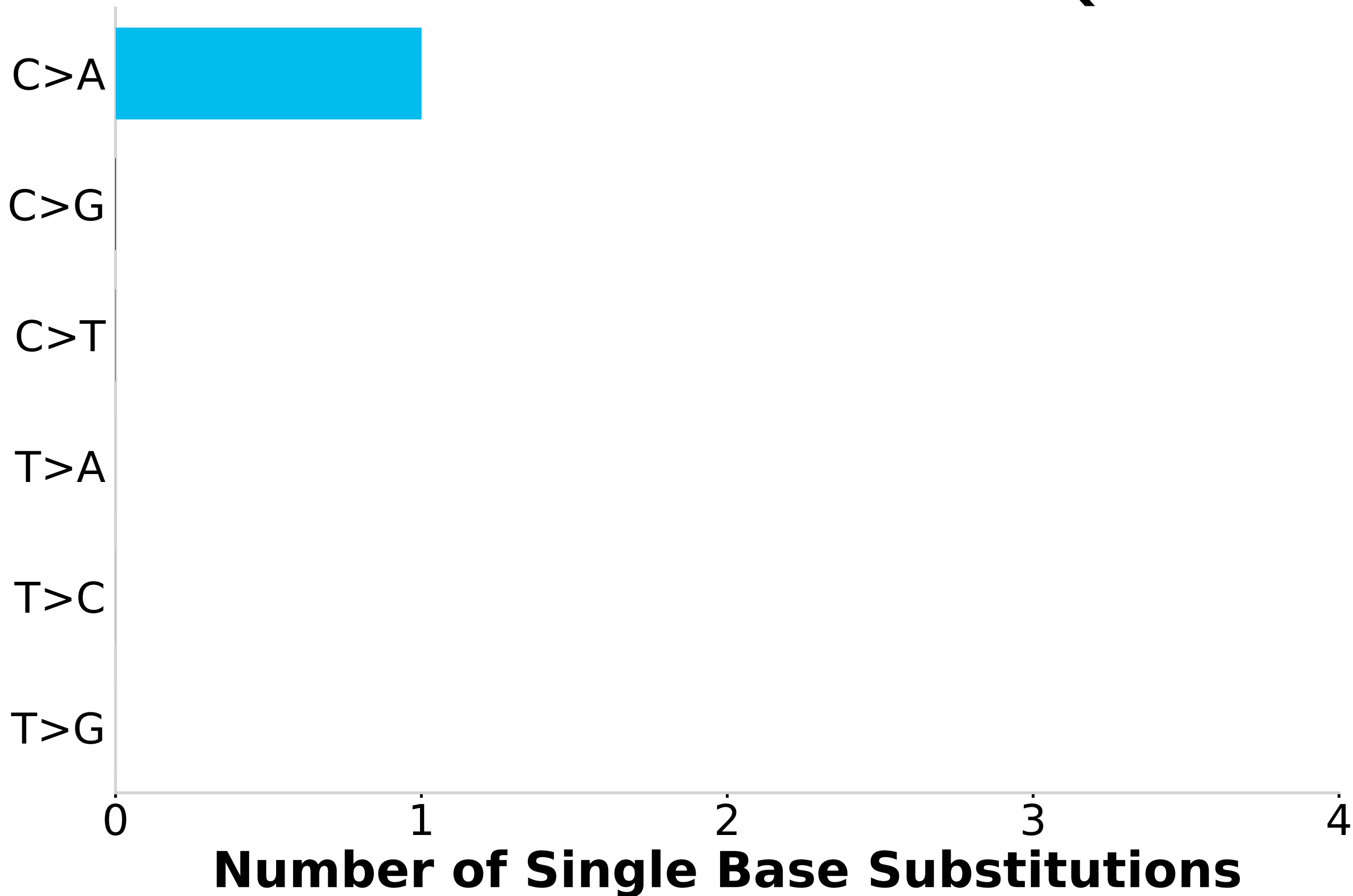
TCGA-AC-A2B8-01A-11D-A17D-09: 5 subs



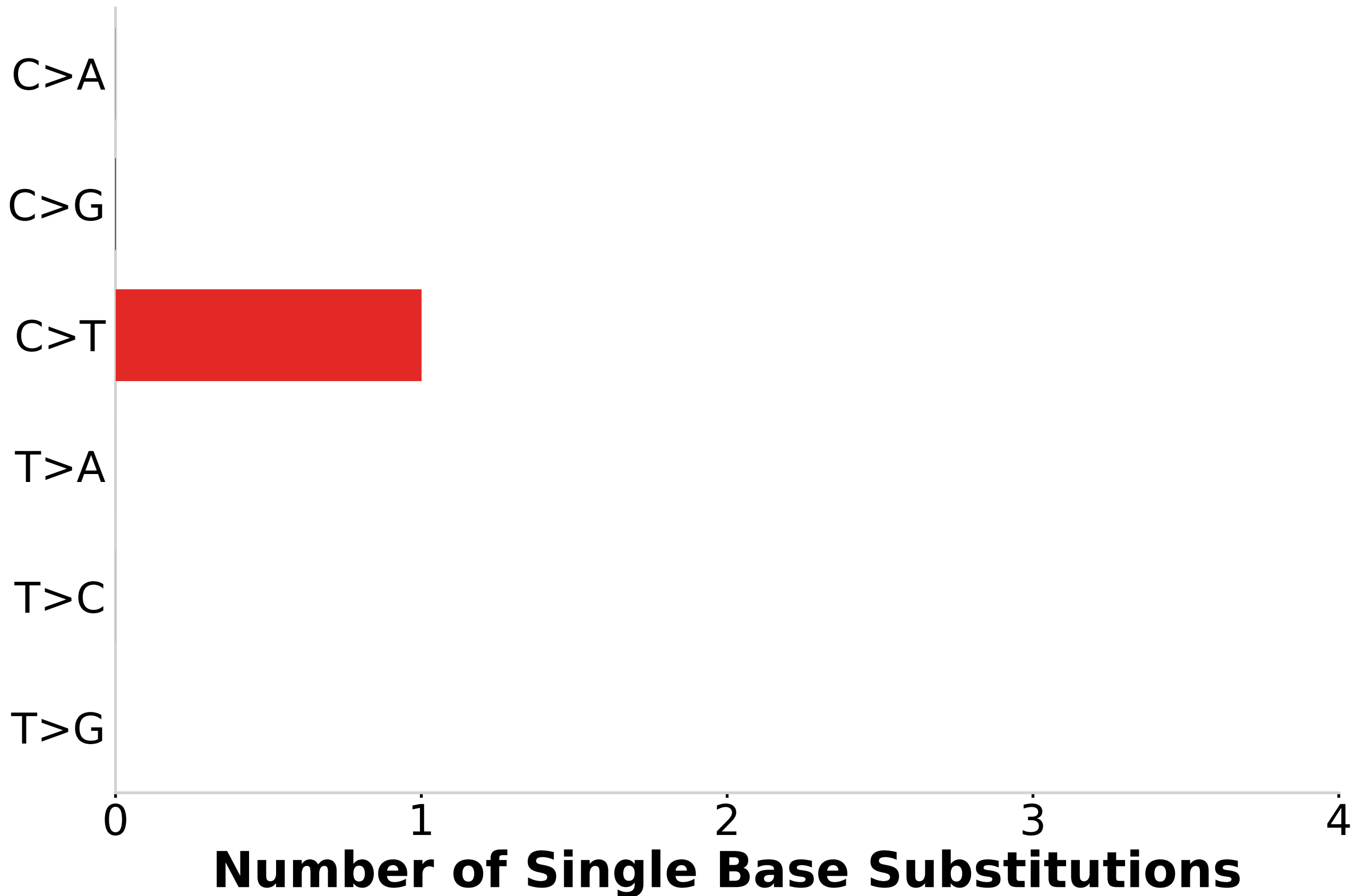
TCGA-AC-A2BK-01A-11D-A21Q-09: 4 subs



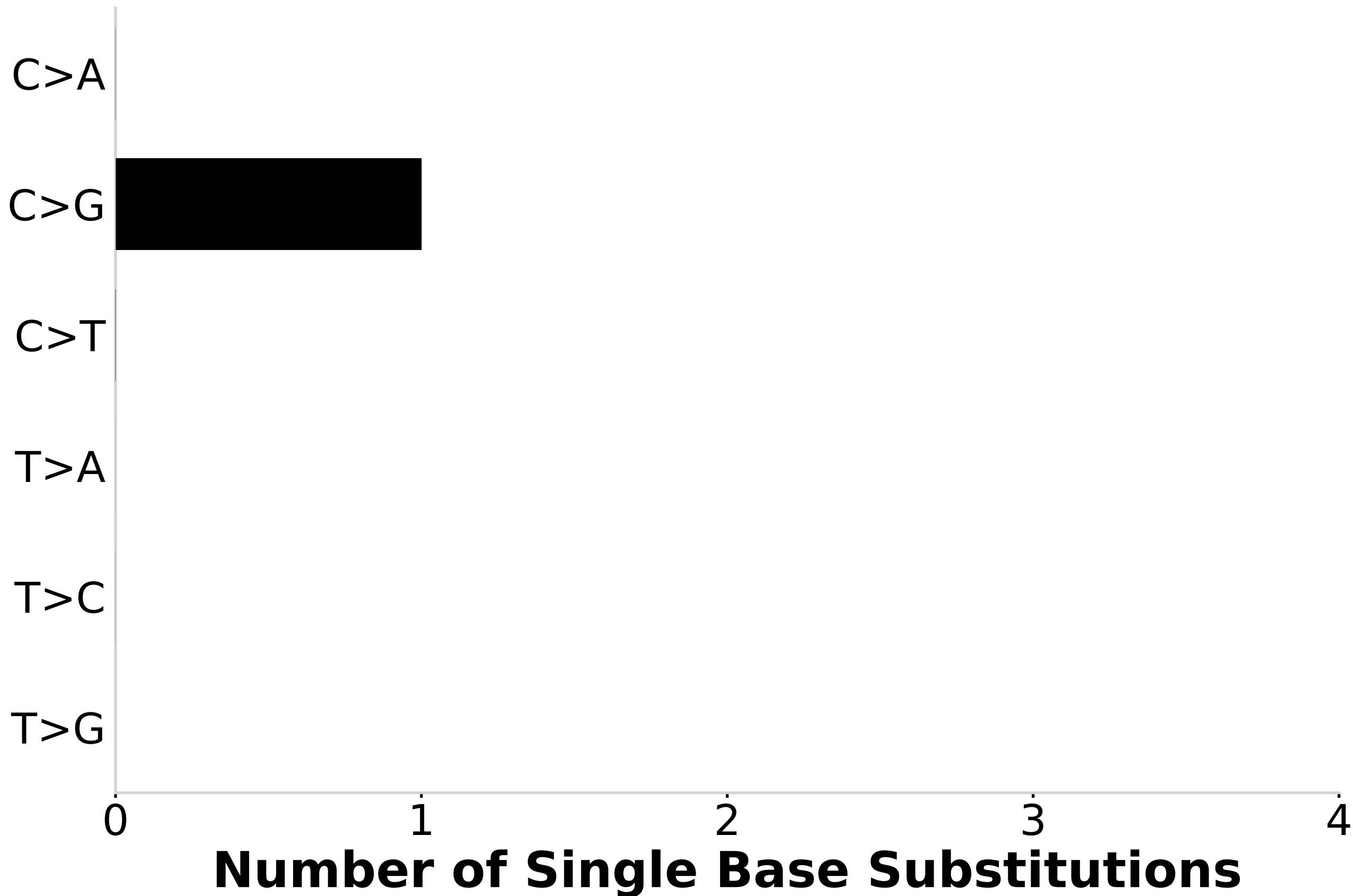
TCGA-AC-A2BM-01A-11D-A21Q-09: 1 subs



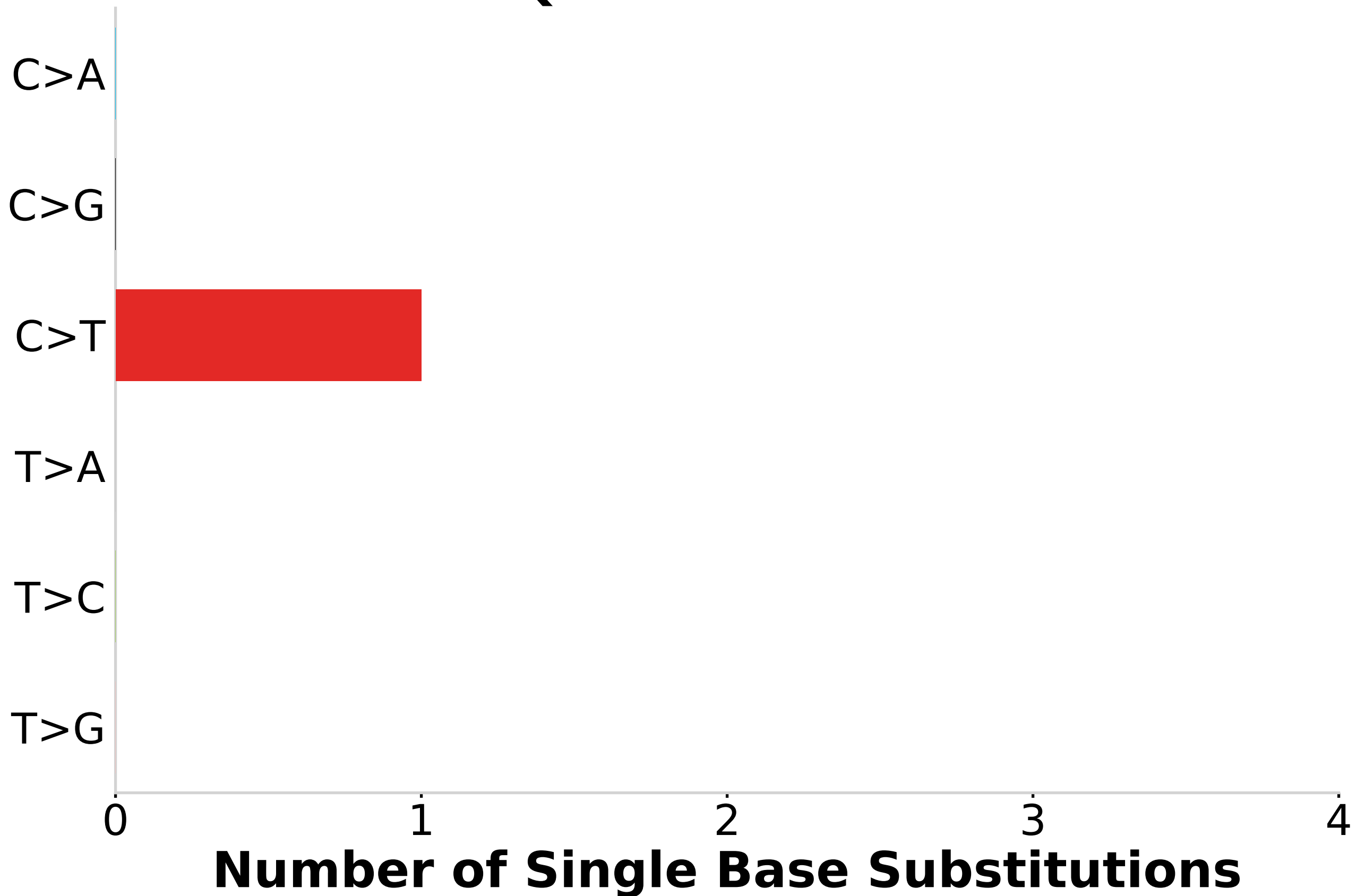
TCGA-AC-A2FG-01A-11D-A17D-09: 1 subs



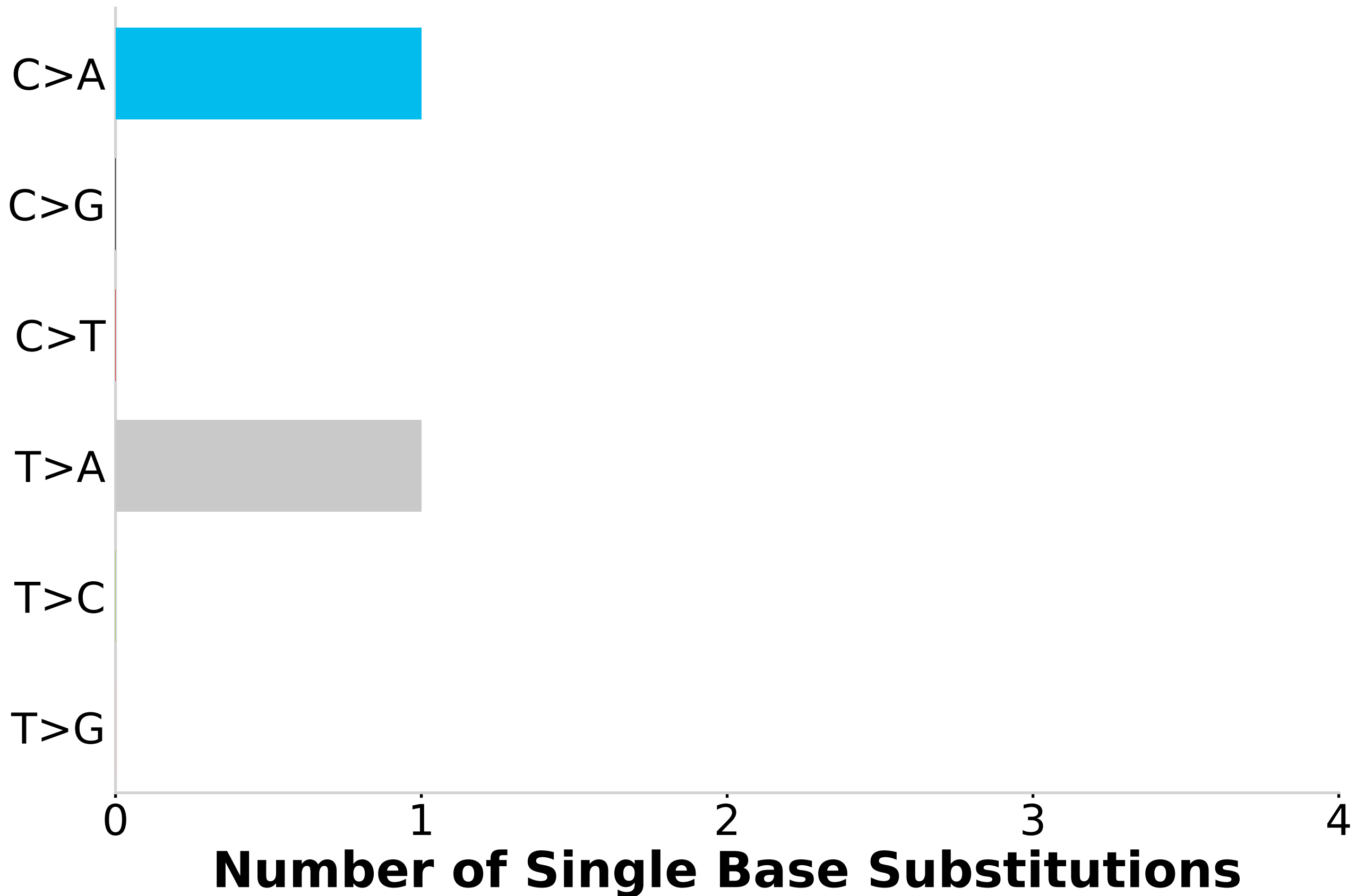
TCGA-AC-A2FO-01A-11D-A17W-09: 1 subs



TCGA-AC-A2QH-01A-11D-A18P-09: 1 subs



TCGA-AC-A3HN-01A-11D-A20S-09: 2 subs



TCGA-AC-A30D-01A-11D-A21Q-09: 2 subs



TCGA-AC-A3QQ-01A-11D-A228-09: 2 subs

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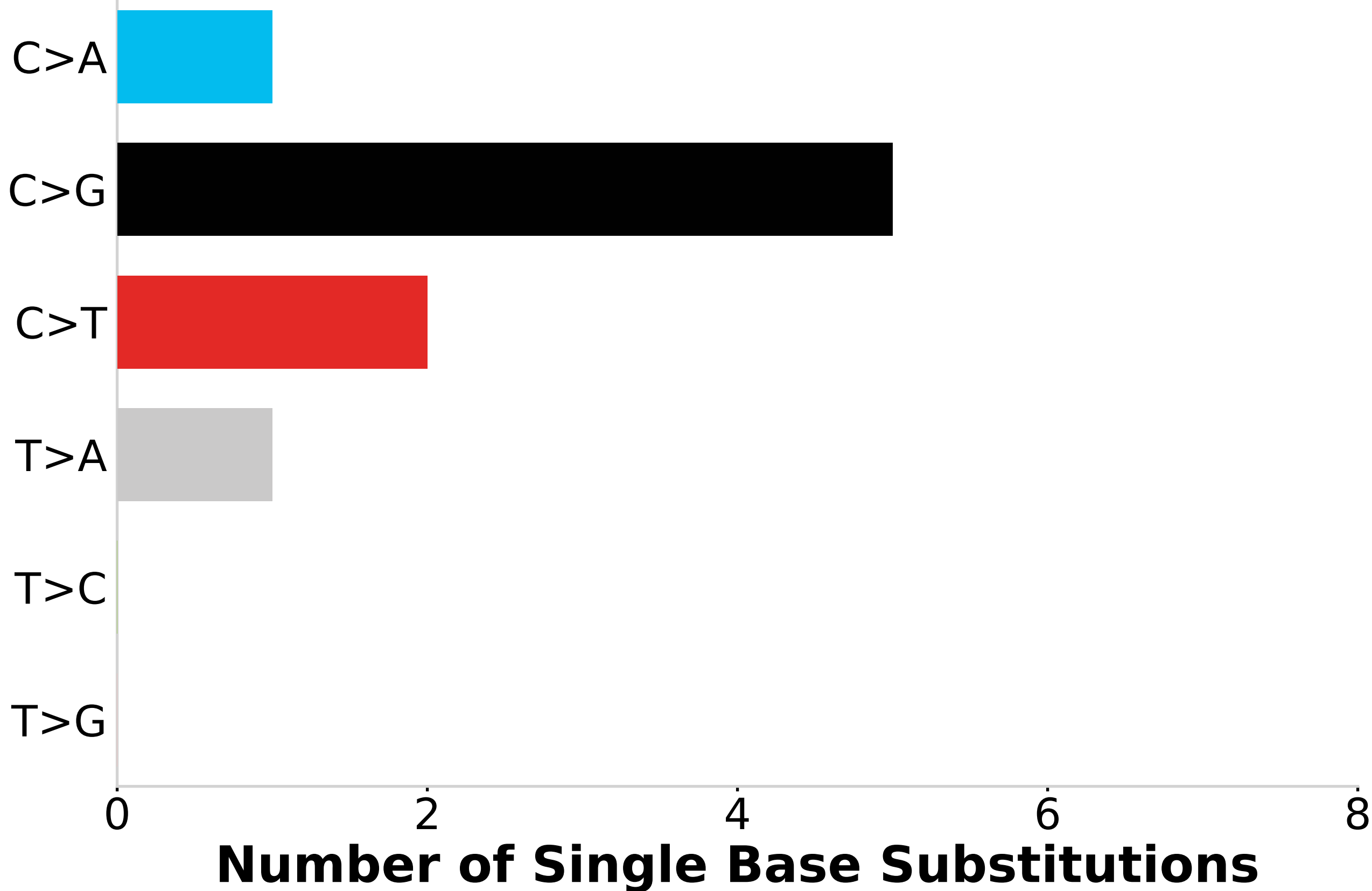
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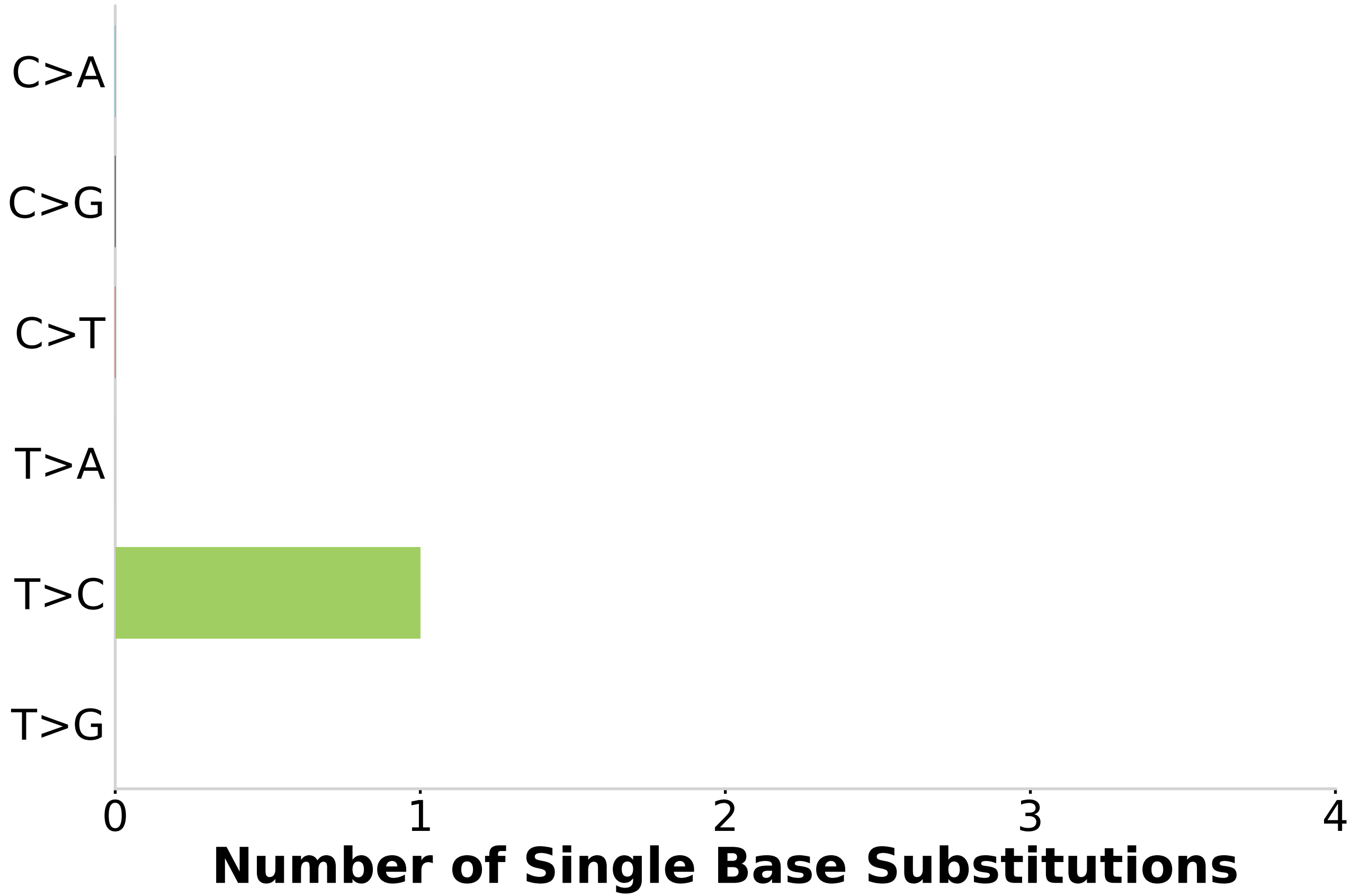
Number of Single Base Substitutions



TCGA-AC-A3W5-01A-11D-A228-09: 9 subs



TCGA-AC-A4ZE-01A-11D-A41F-09: 1 subs



TCGA-AC-A5EH-01A-11D-A28B-09: 7 subs

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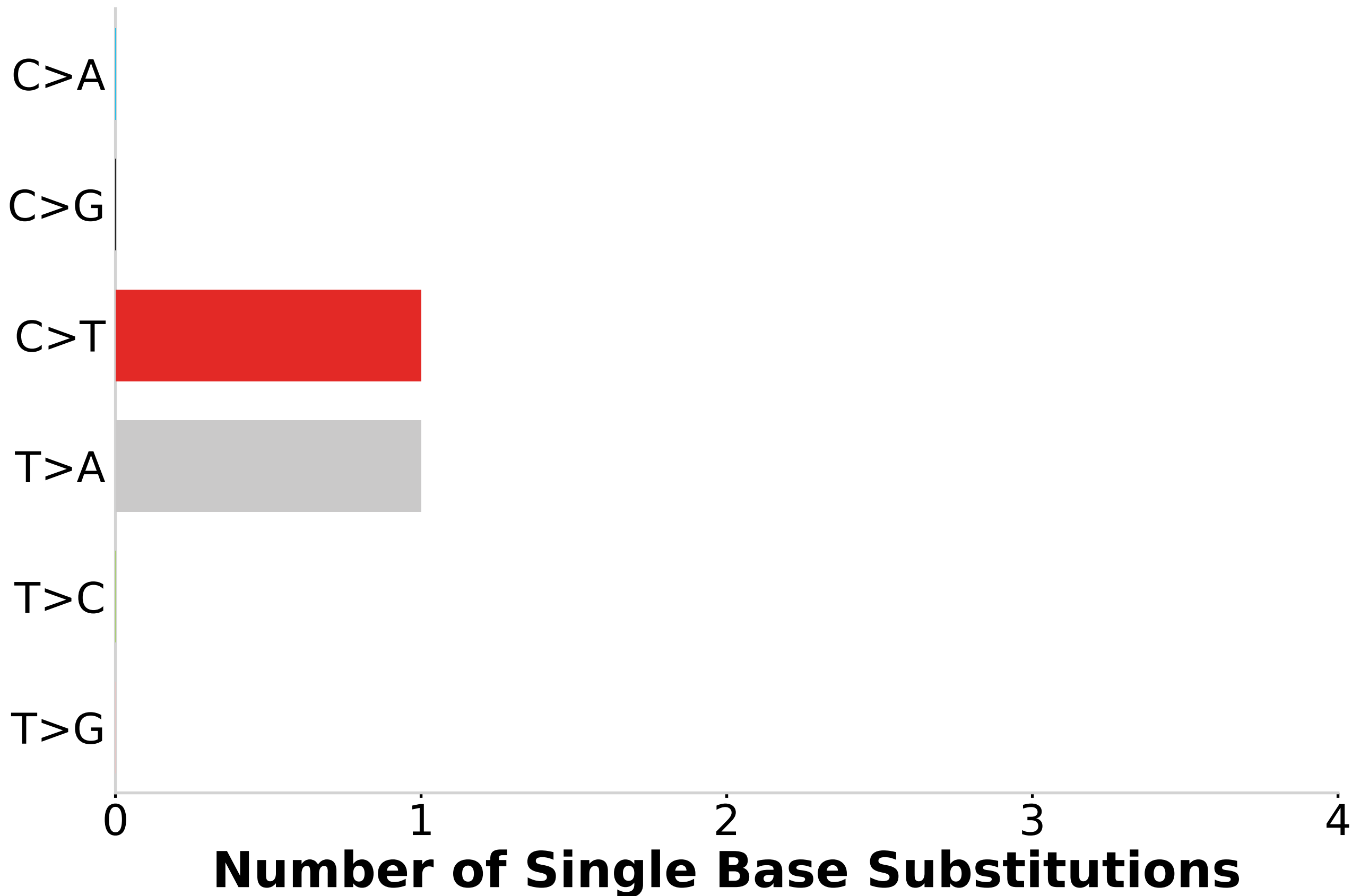
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Number of Single Base Substitutions



TCGA-AC-A5EI-01A-11D-A27P-09: 2 subs



TCGA-AC-A5XS-01A-11D-A29N-09: 16 subs

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C>G

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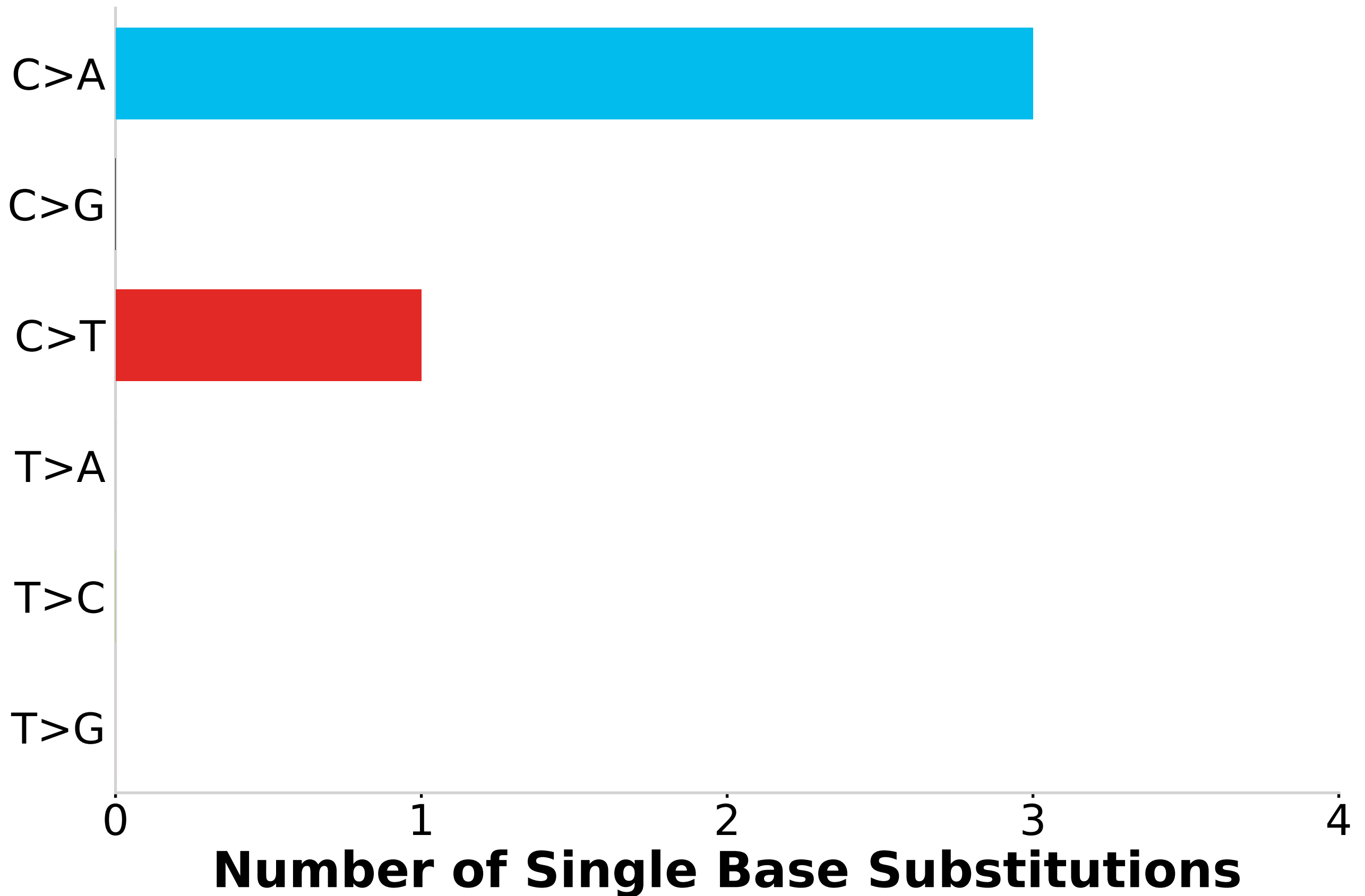
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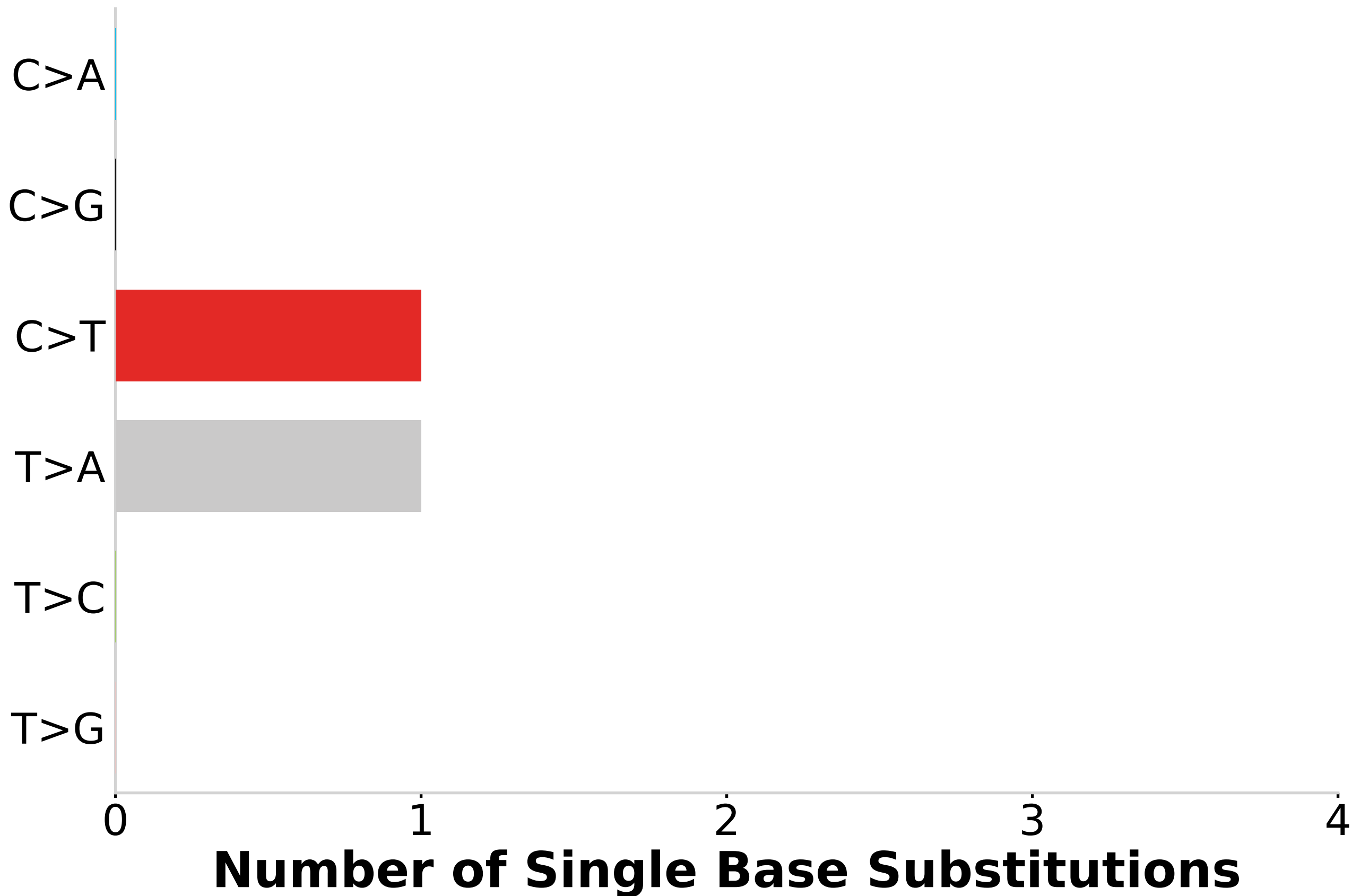
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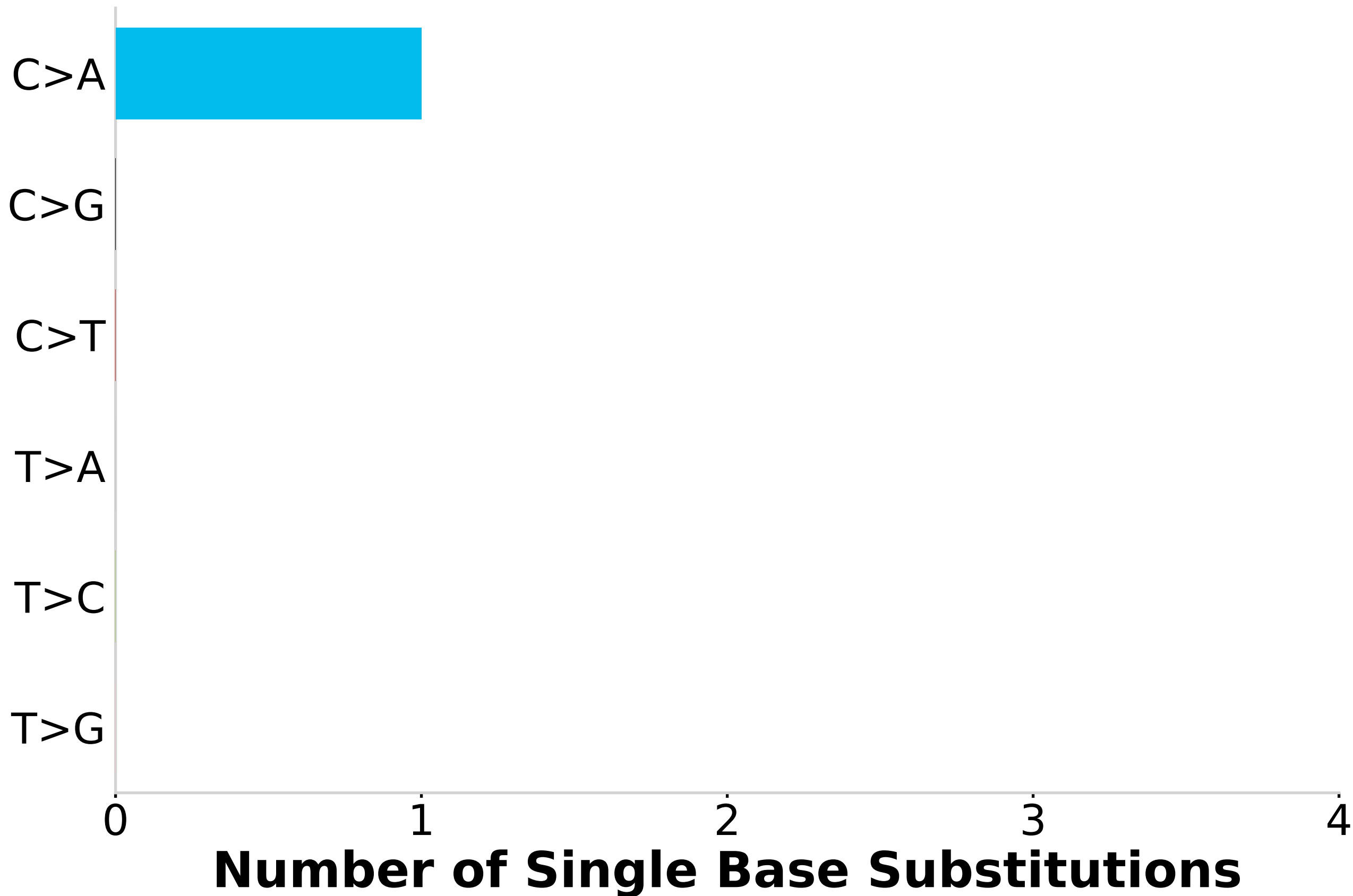
TCGA-AC-A5XU-01A-11D-A28B-09: 4 subs



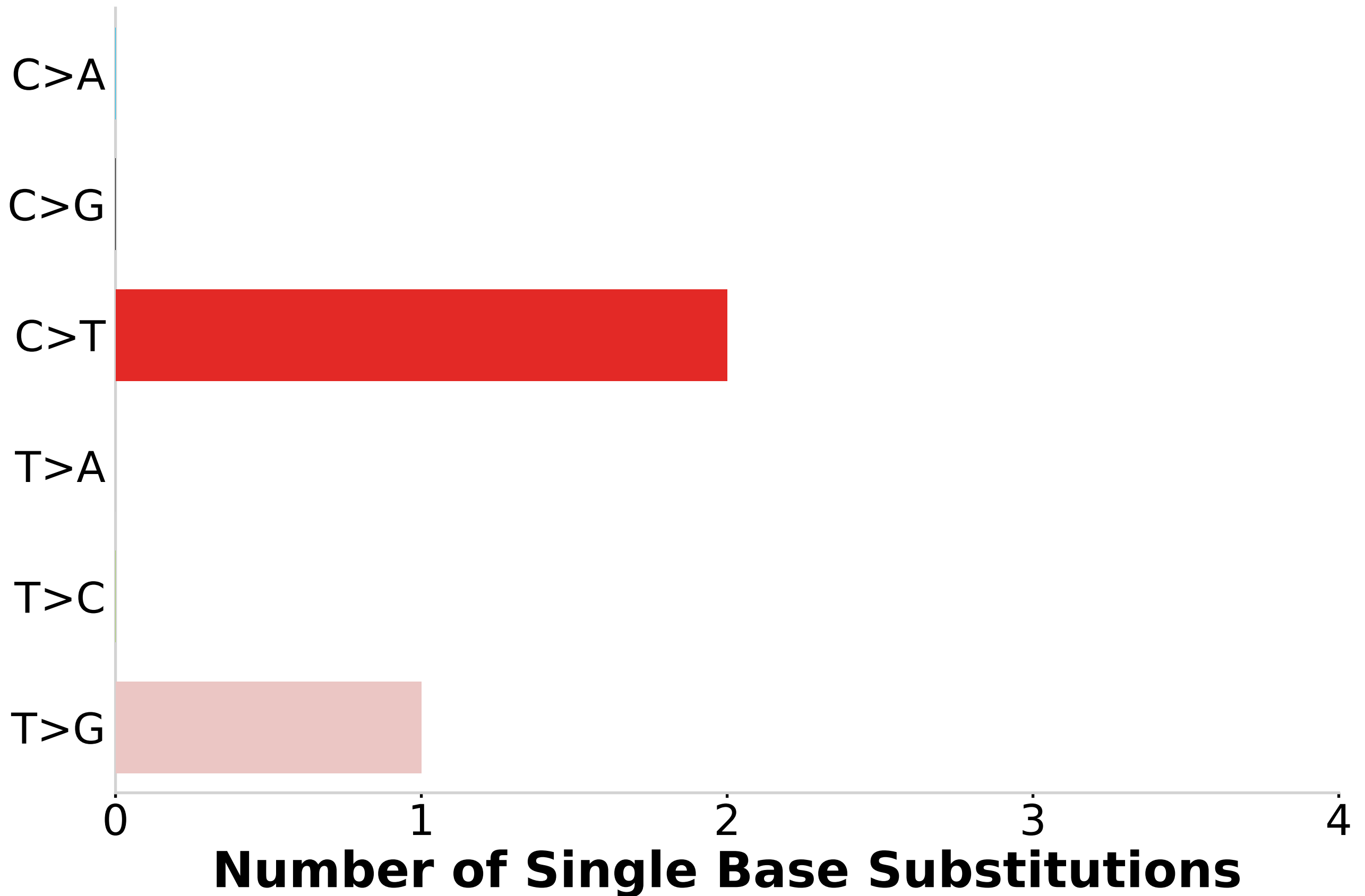
TCGA-AC-A62V-01A-11D-A31U-09: 2 subs



TCGA-AC-A62X-01A-11D-A29N-09: 1 subs



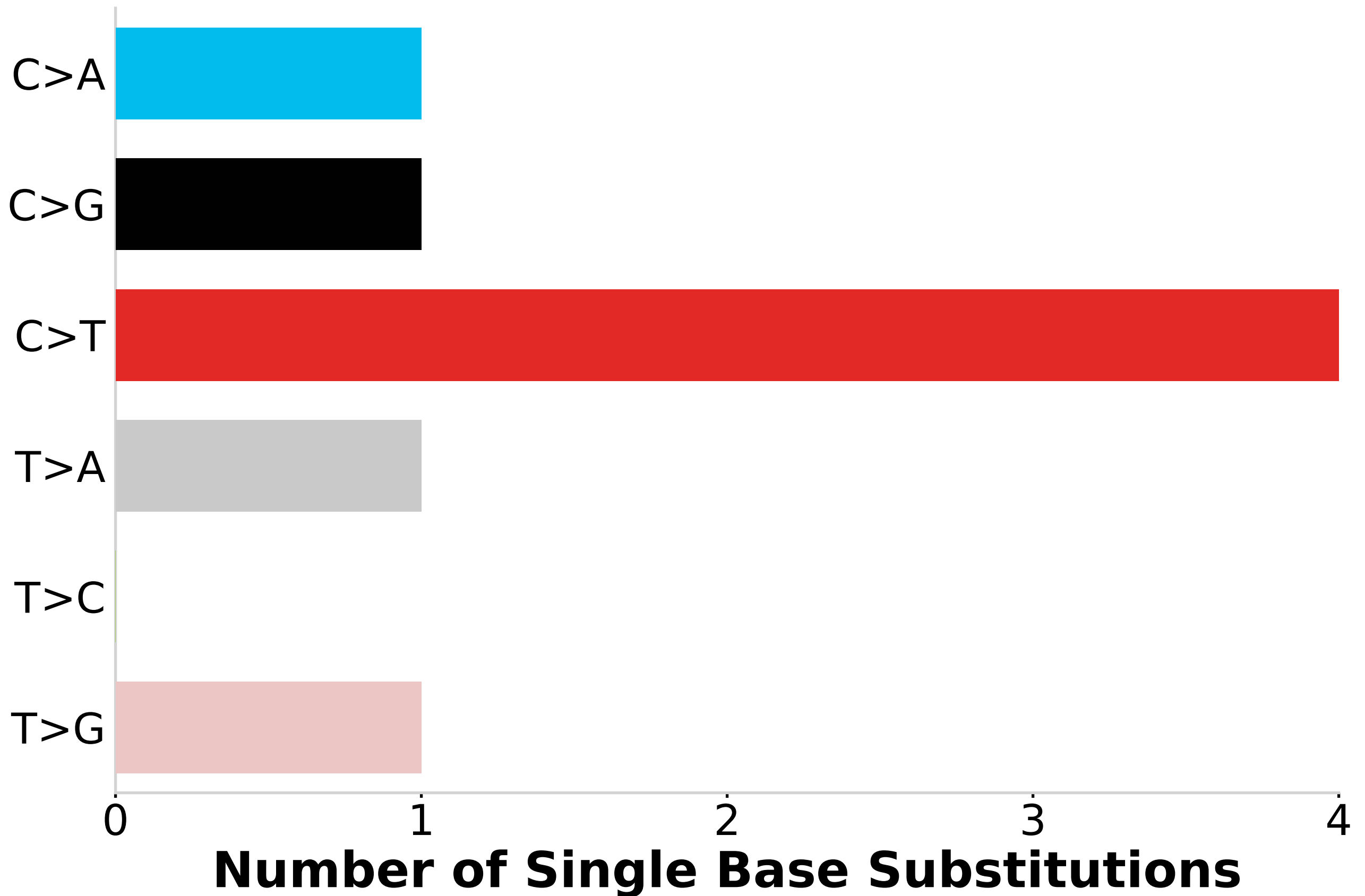
TCGA-AC-A62Y-01A-11D-A29N-09: 3 subs



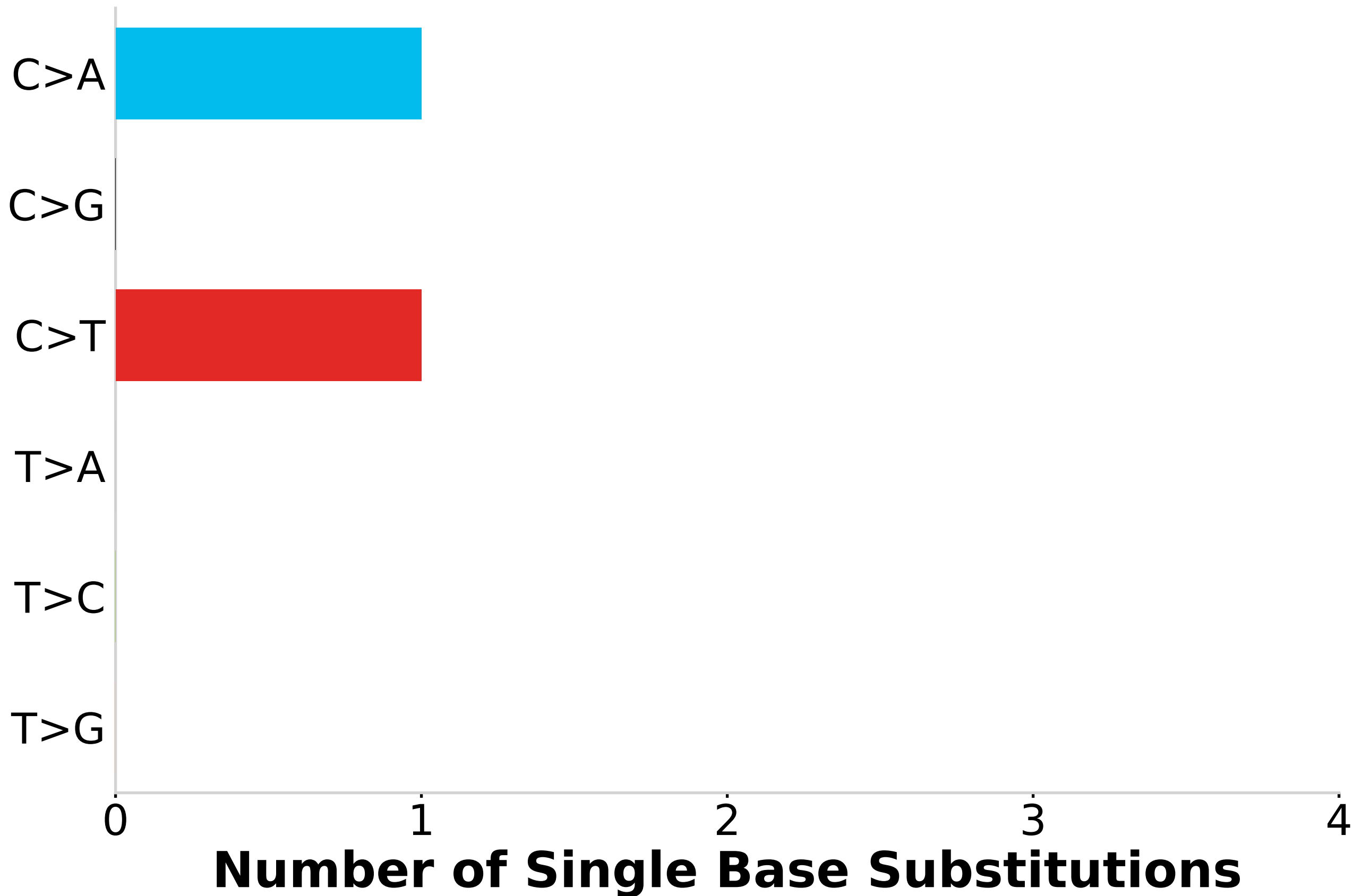
TCGA-AC-A6IV-01A-12D-A33E-09: 1 subs



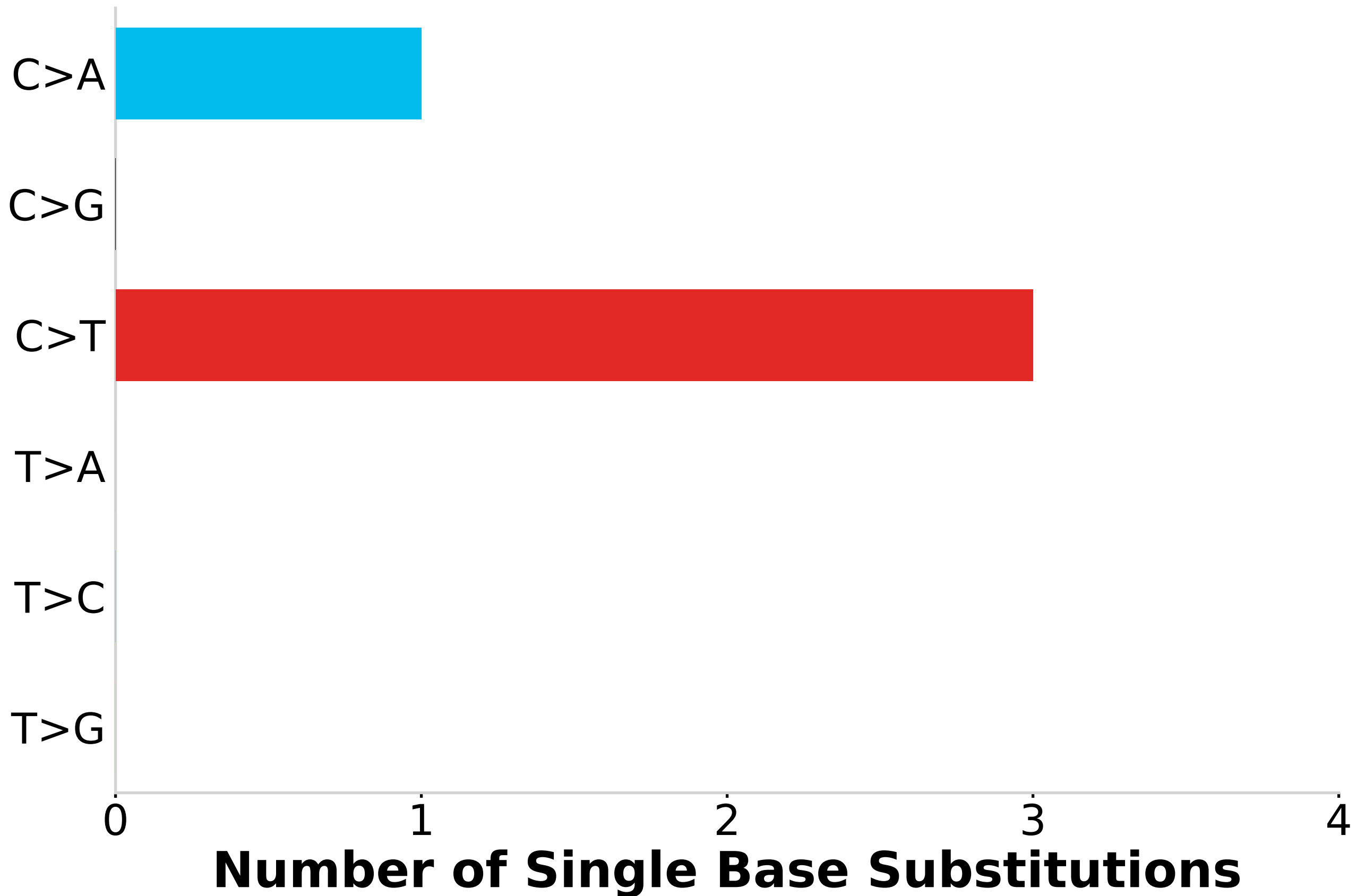
TCGA-AC-A6IW-01A-12D-A33E-09: 8 subs



TCGA-AC-A6IX-01A-12D-A32I-09: 2 subs



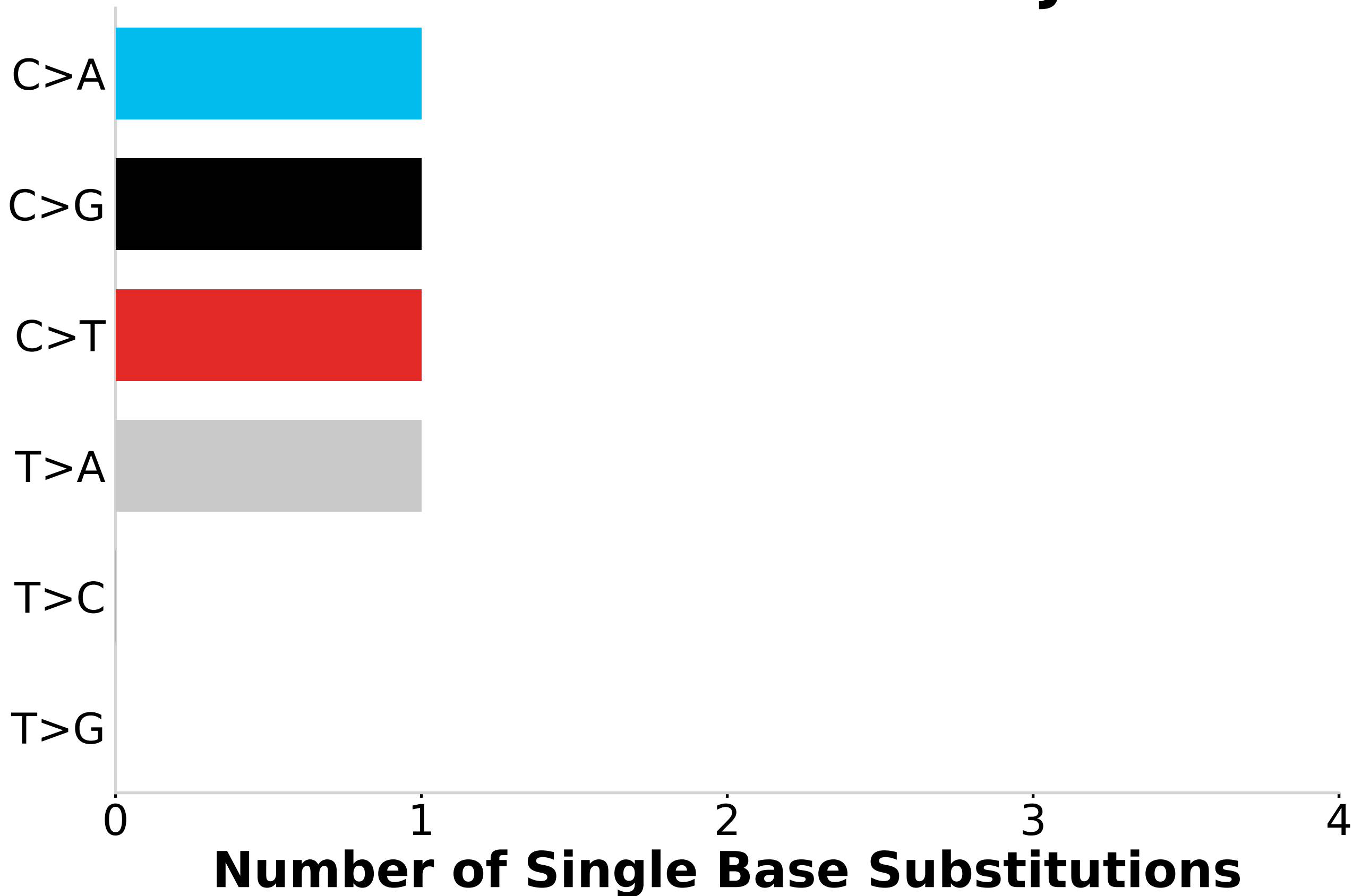
TCGA-AC-A6NO-01A-12D-A33E-09: 4 subs



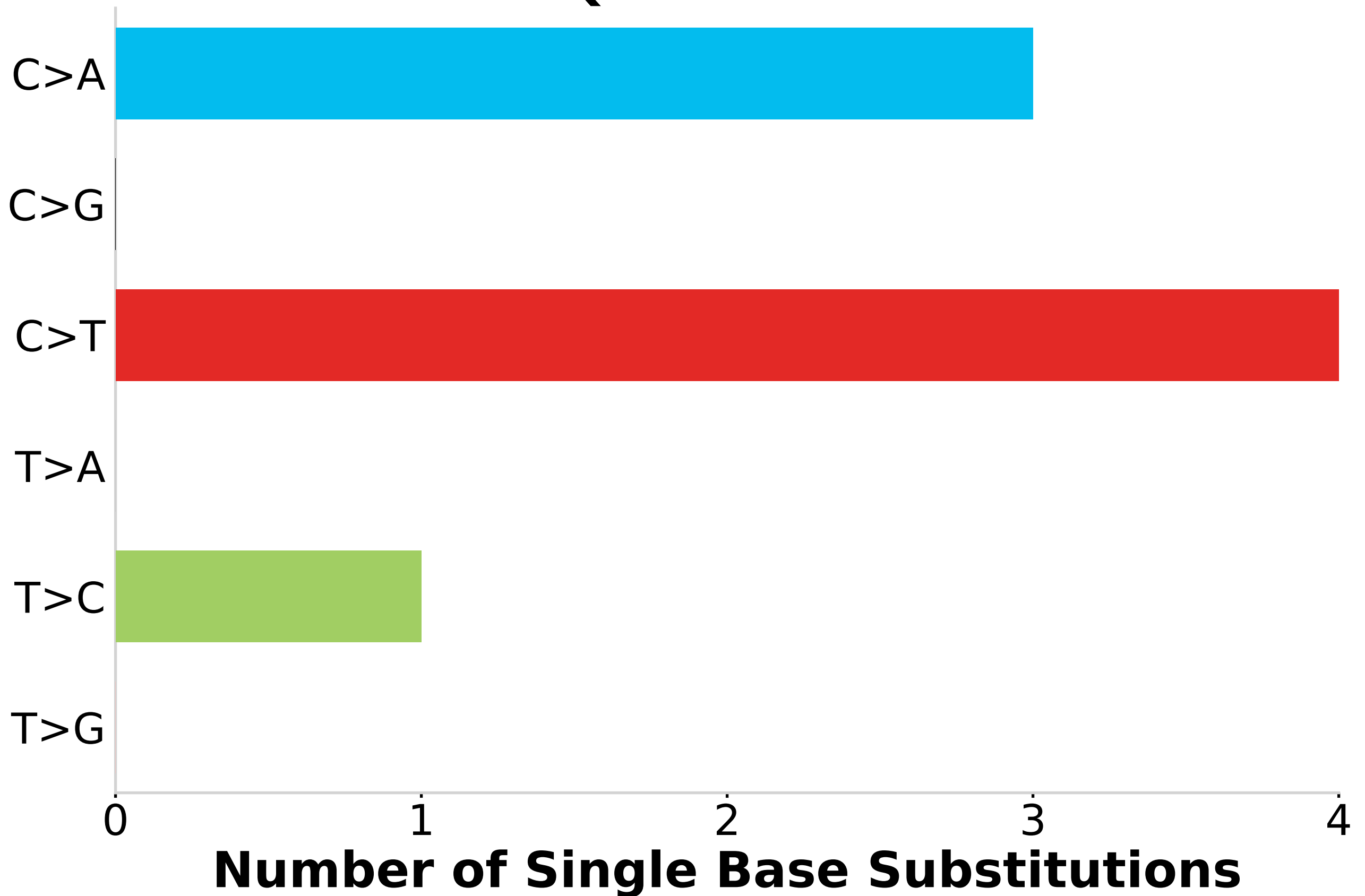
TCGA-AC-A7VB-01A-11D-A351-09: 1 subs



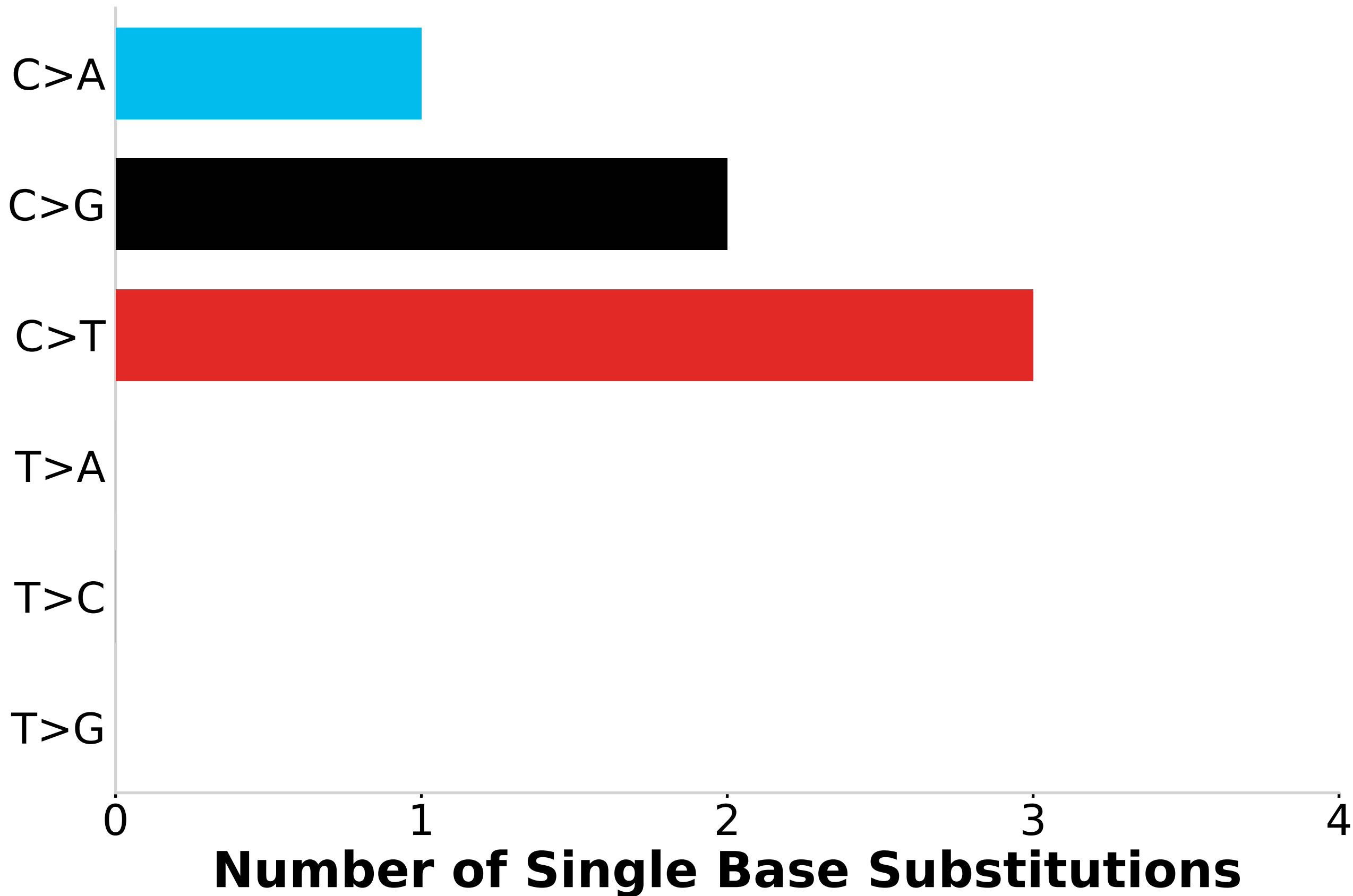
TCGA-AC-A80P-01A-11D-A36J-09: 4 subs



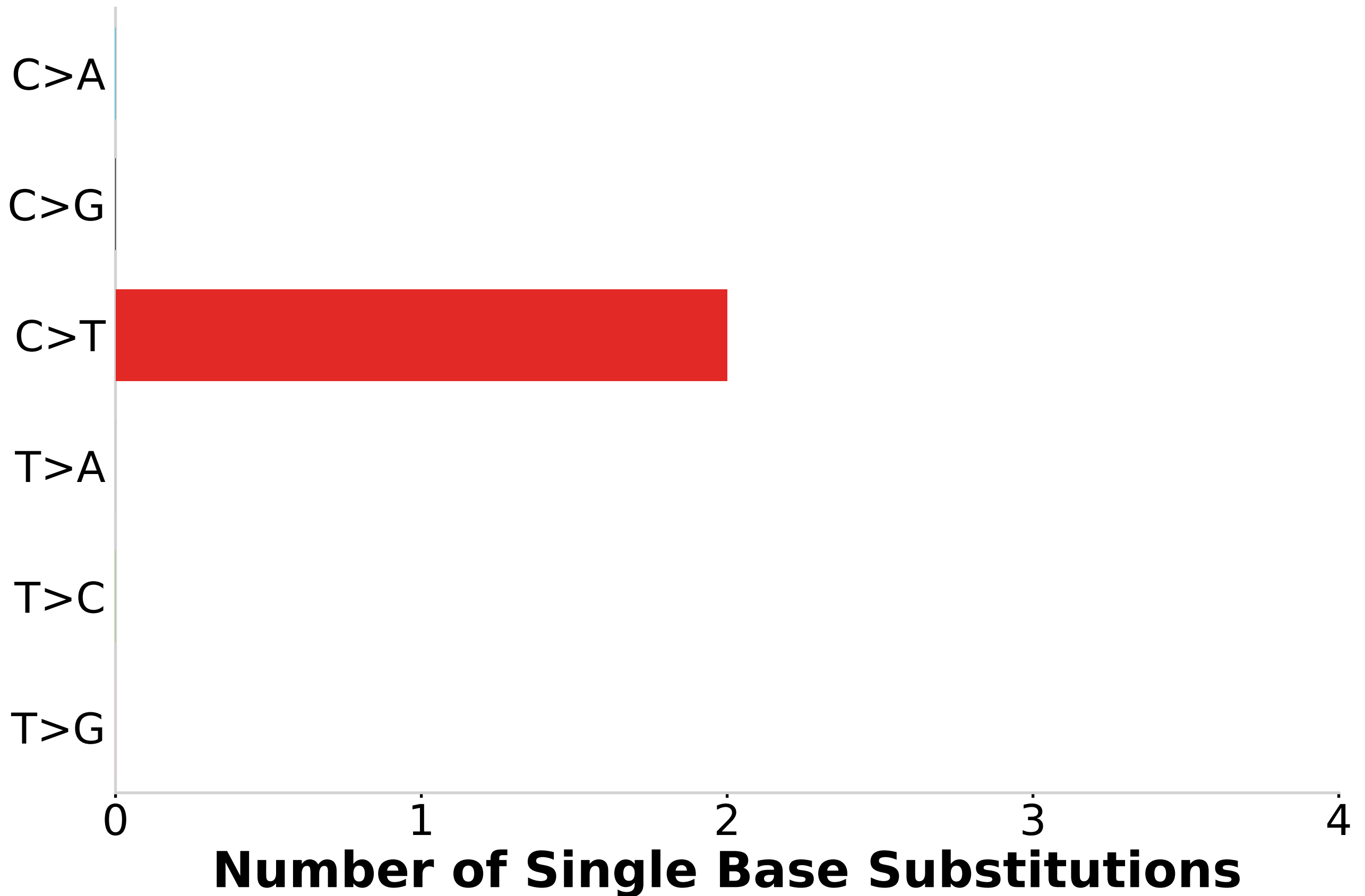
TCGA-AC-A80Q-01A-11D-A41F-09: 8 subs



TCGA-AC-A80S-01A-12D-A41F-09: 6 subs



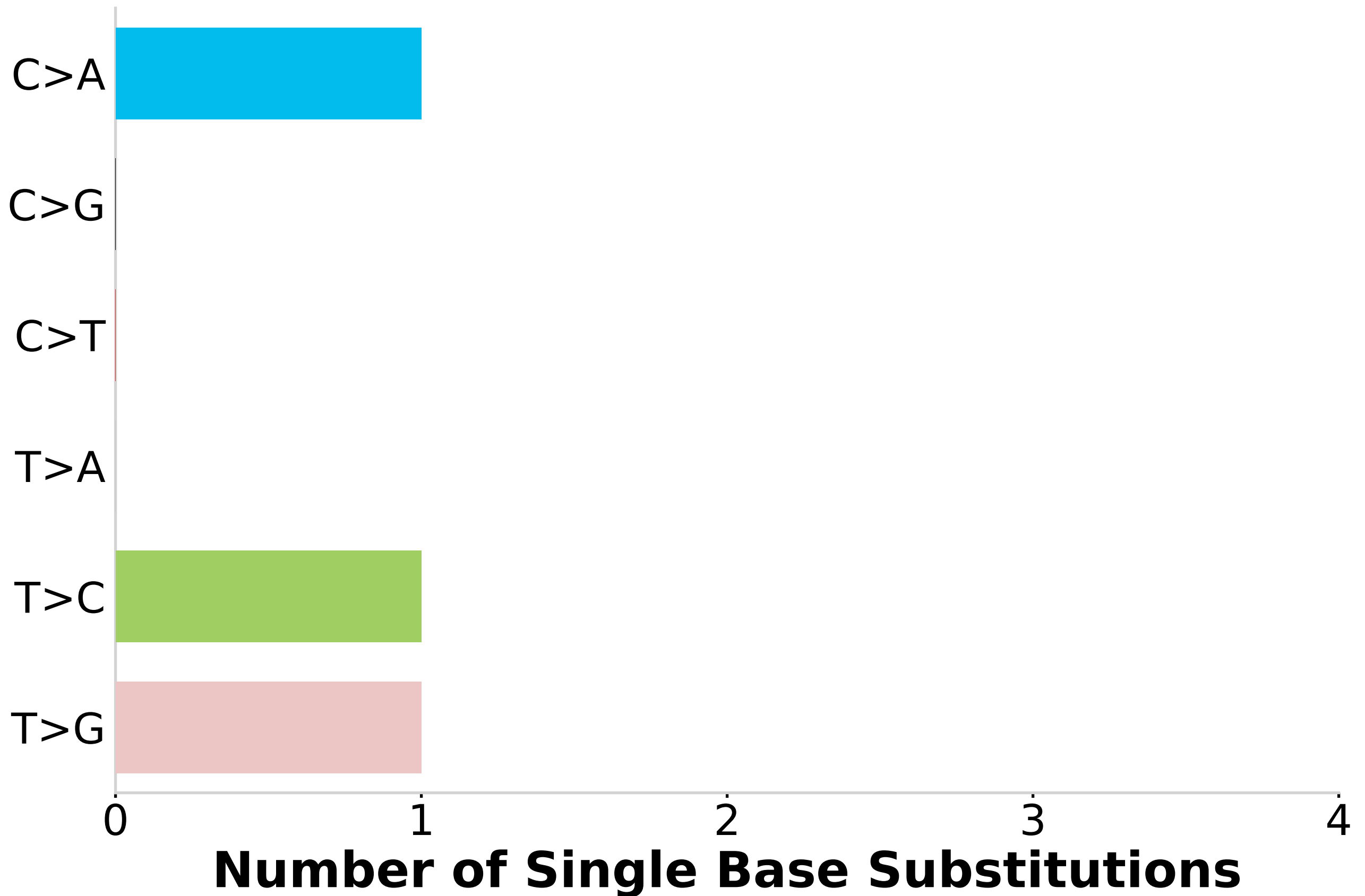
TCGA-AN-A03X-01A-21W-A019-09: 2 subs



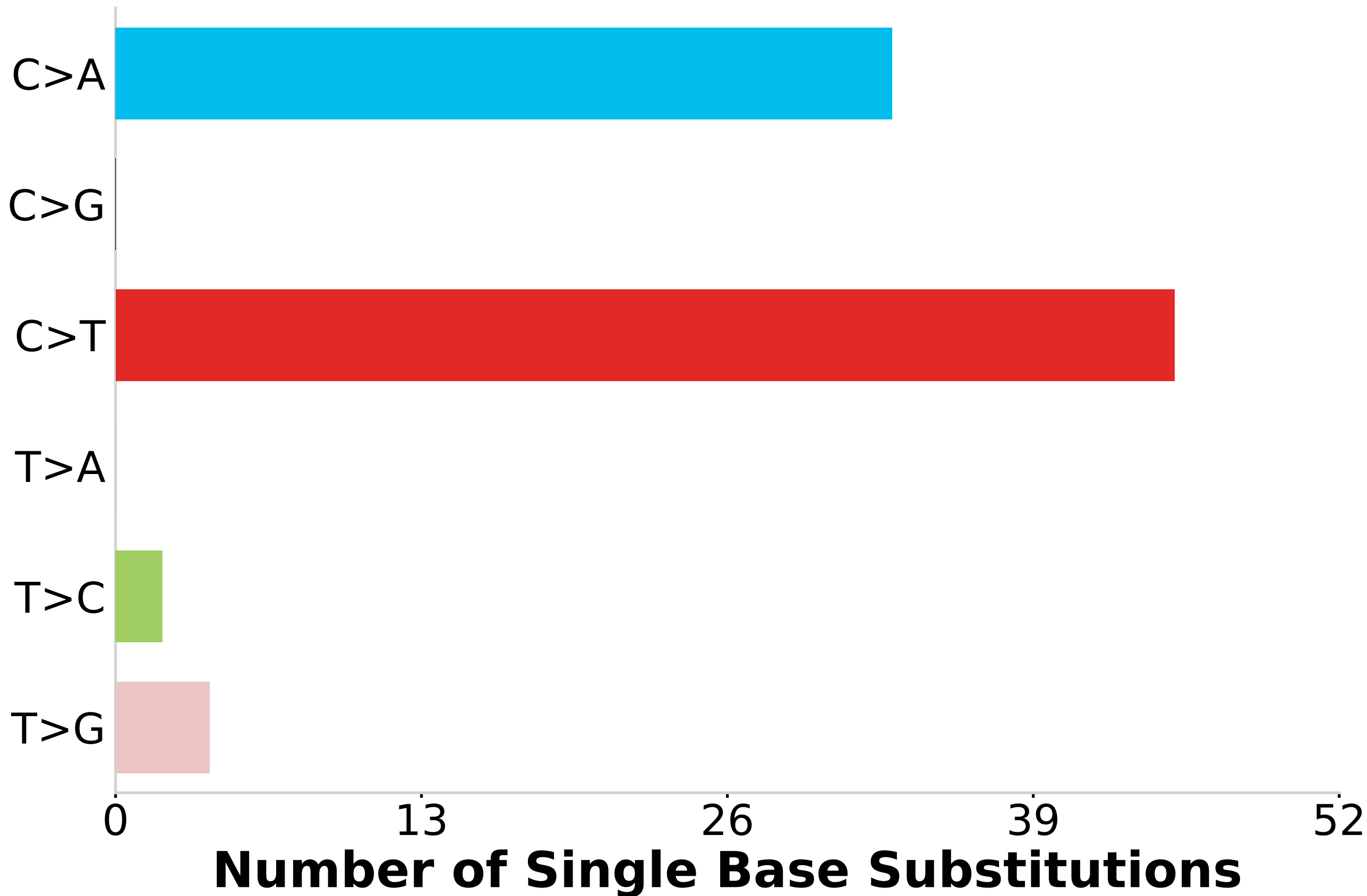
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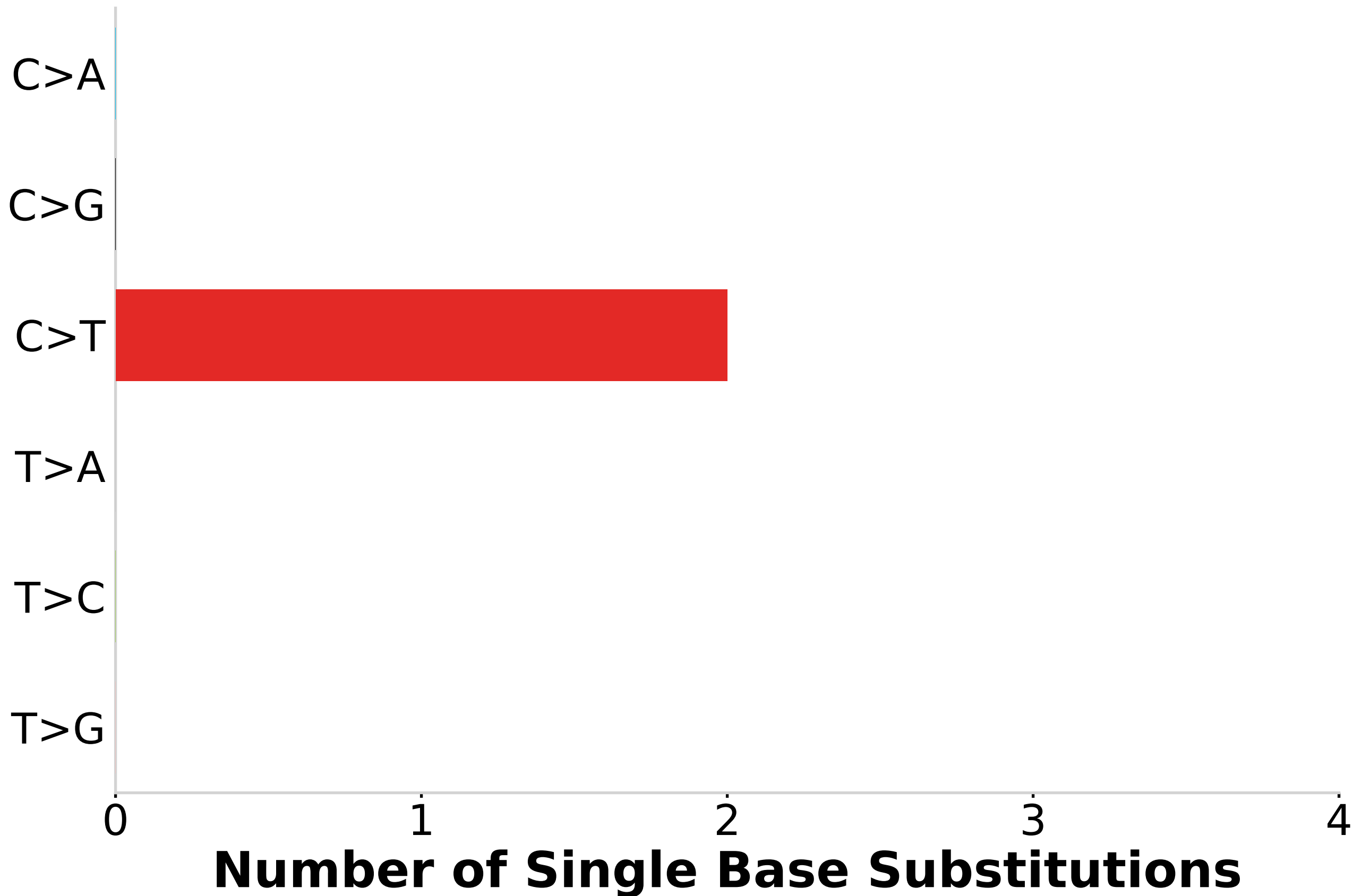
TCGA-AN-A041-01A-11W-A050-09: 3 subs



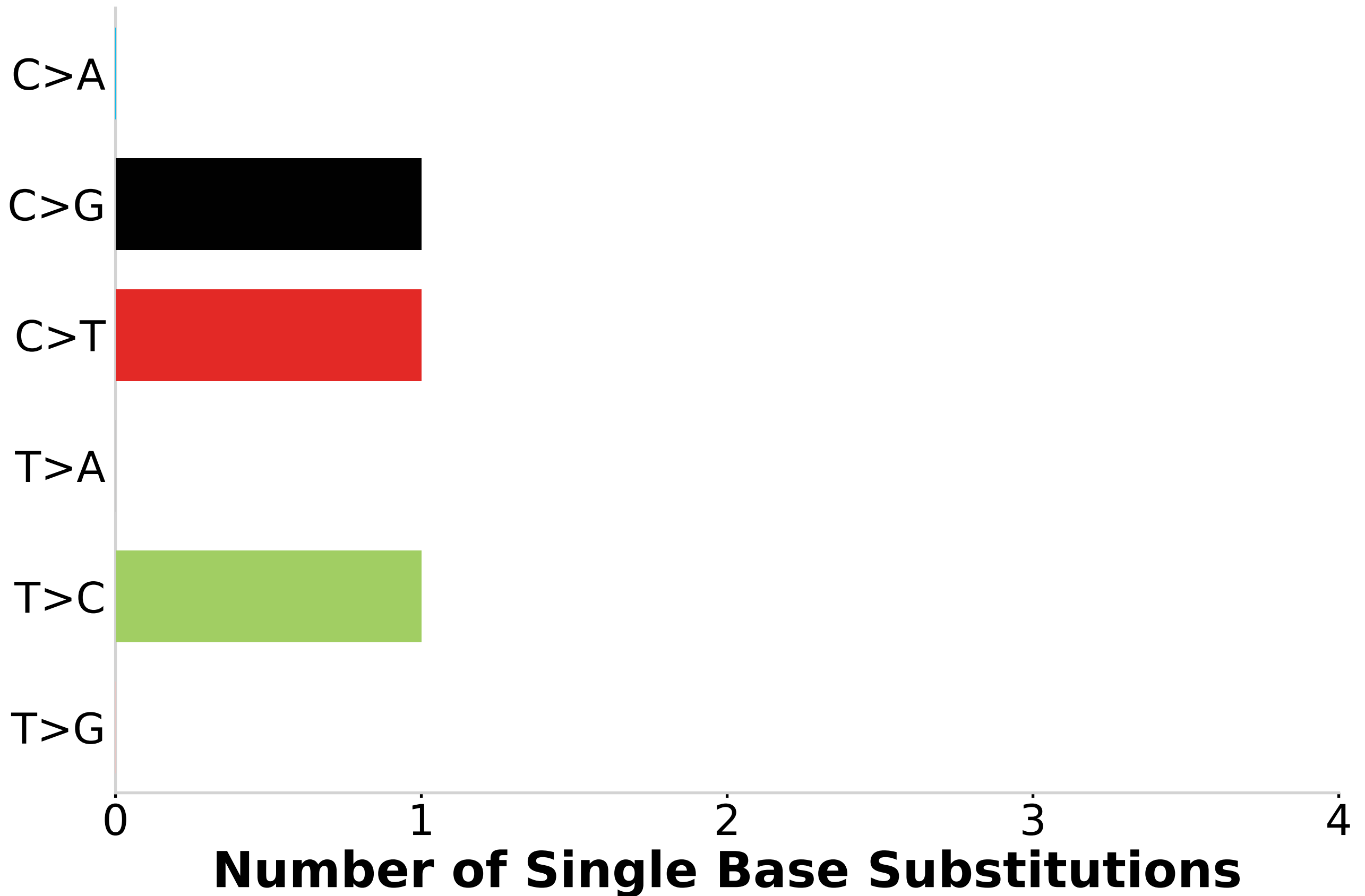
TCGA-AN-A046-01A-21W-A050-09: 84 subs



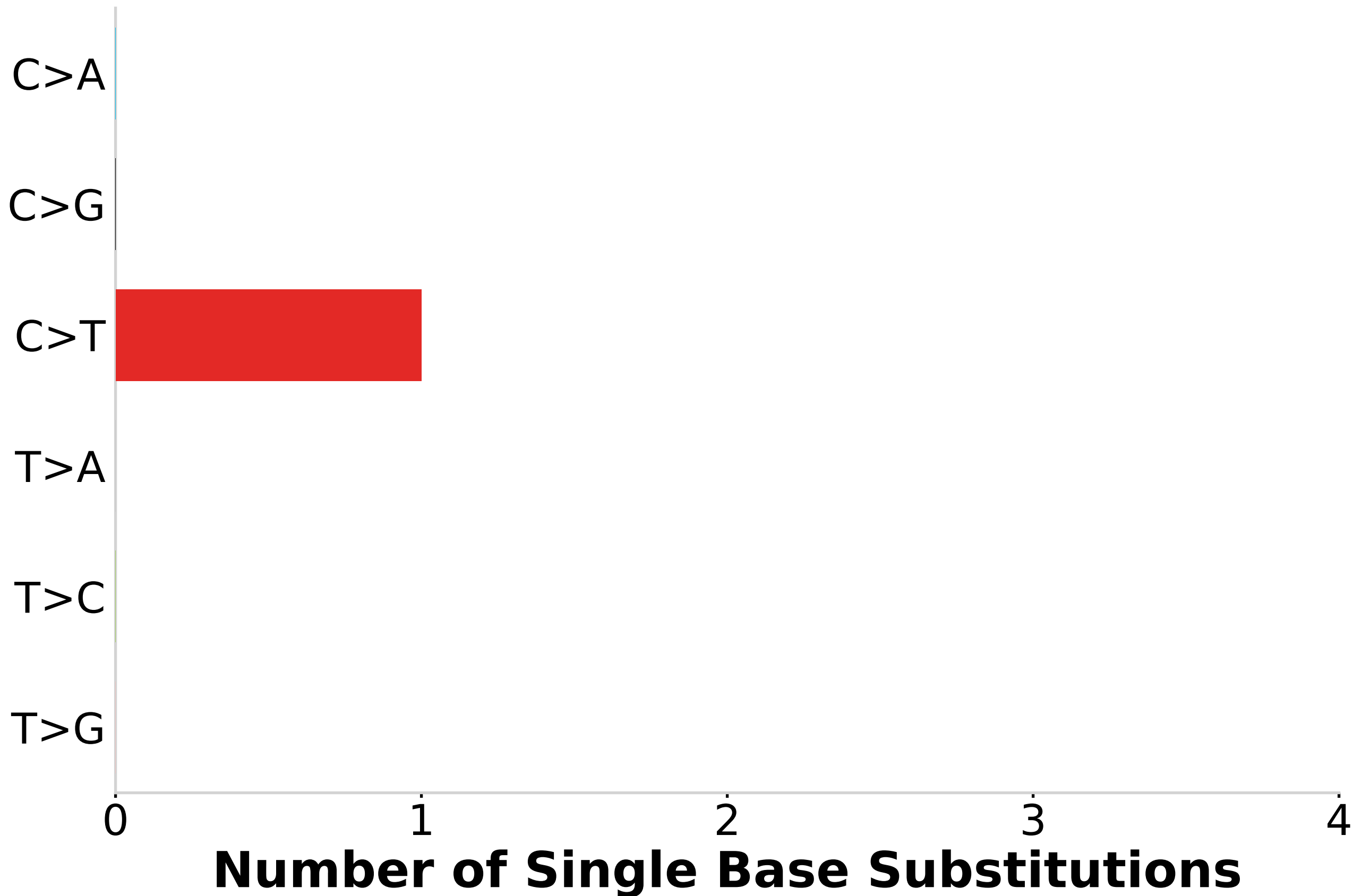
TCGA-AN-A04A-01A-21W-A050-09: 2 subs



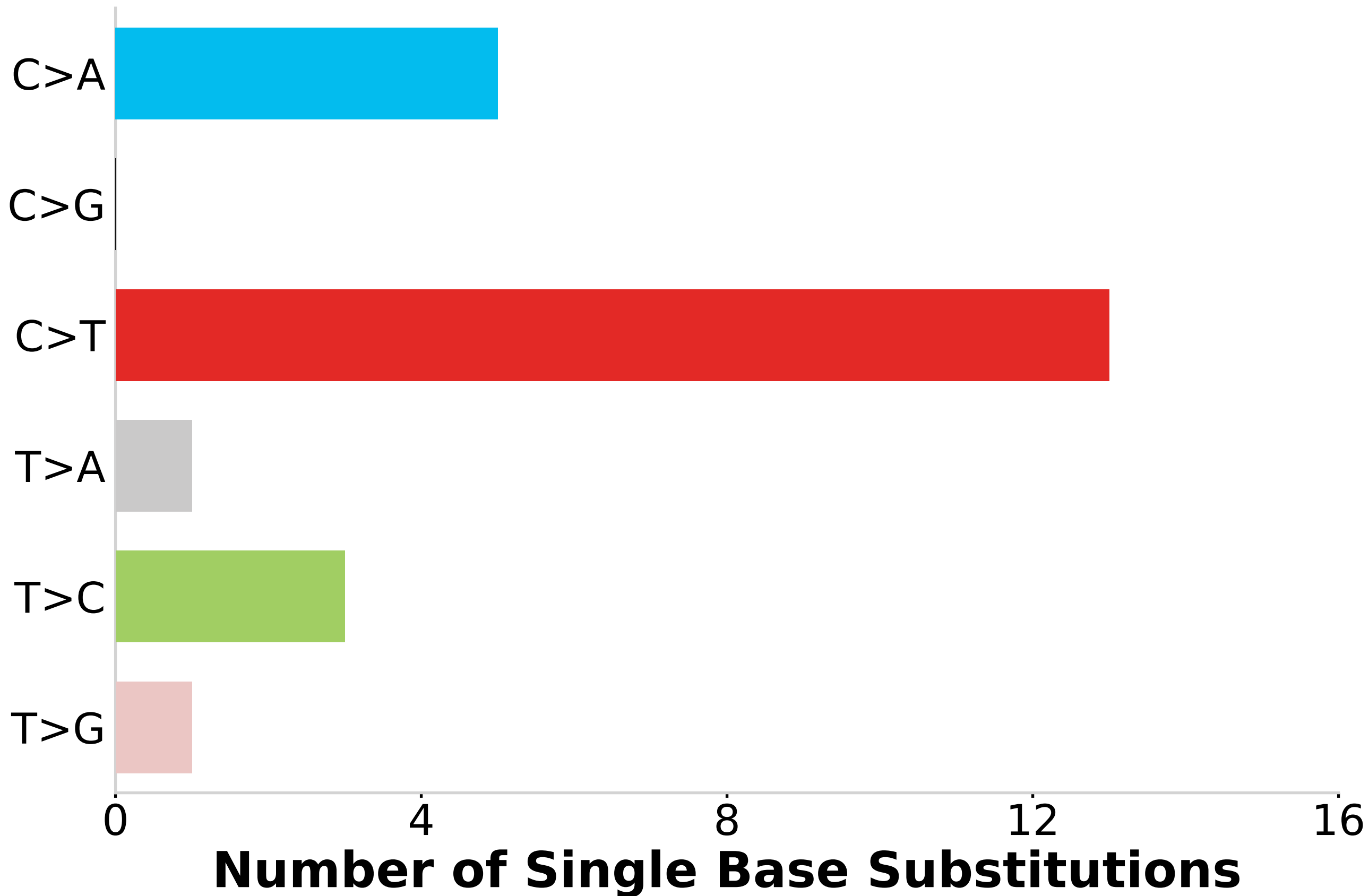
TCGA-AN-A04C-01A-21W-A050-09: 3 subs



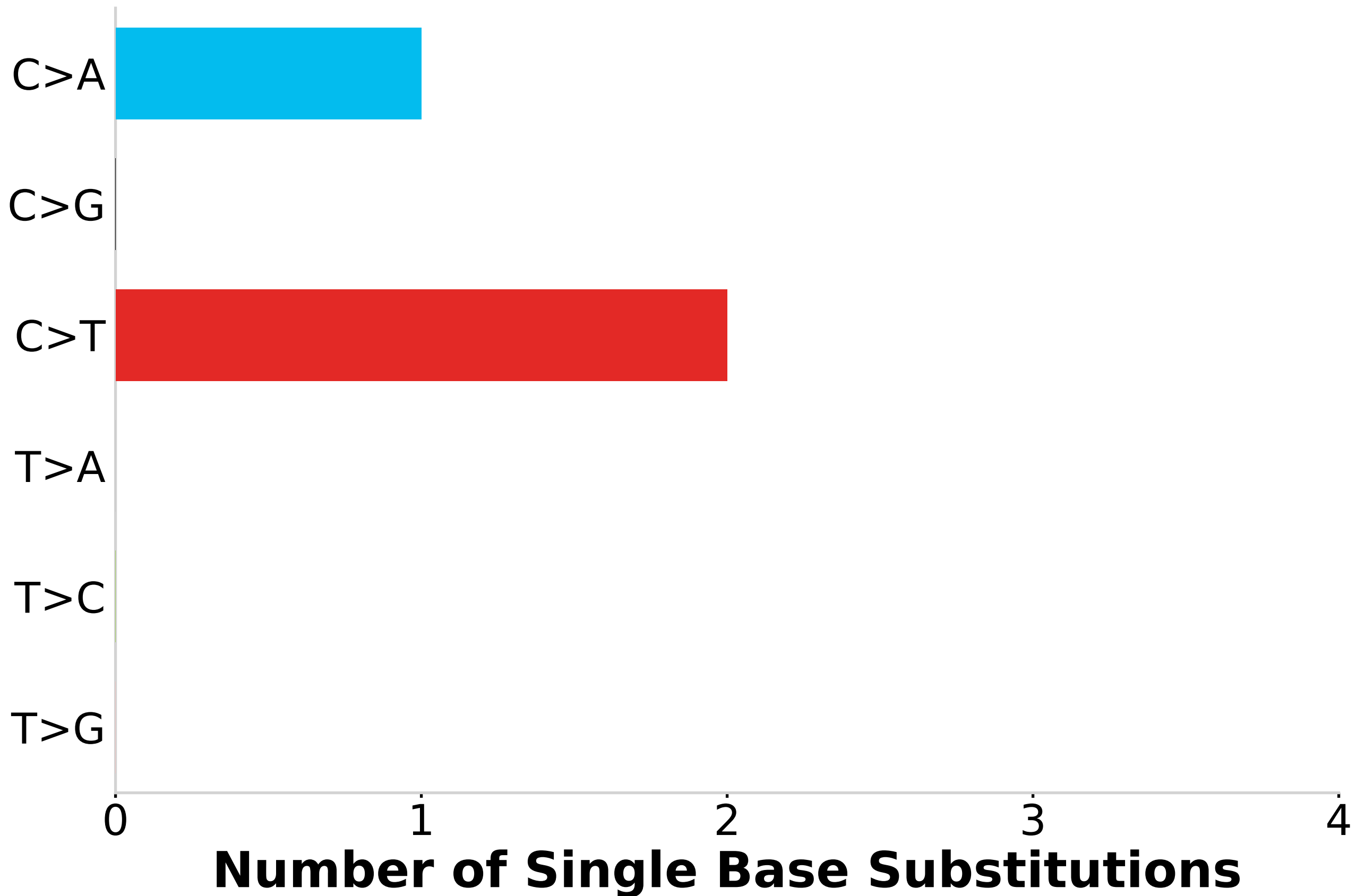
TCGA-AN-A04D-01A-21W-A050-09: 1 subs



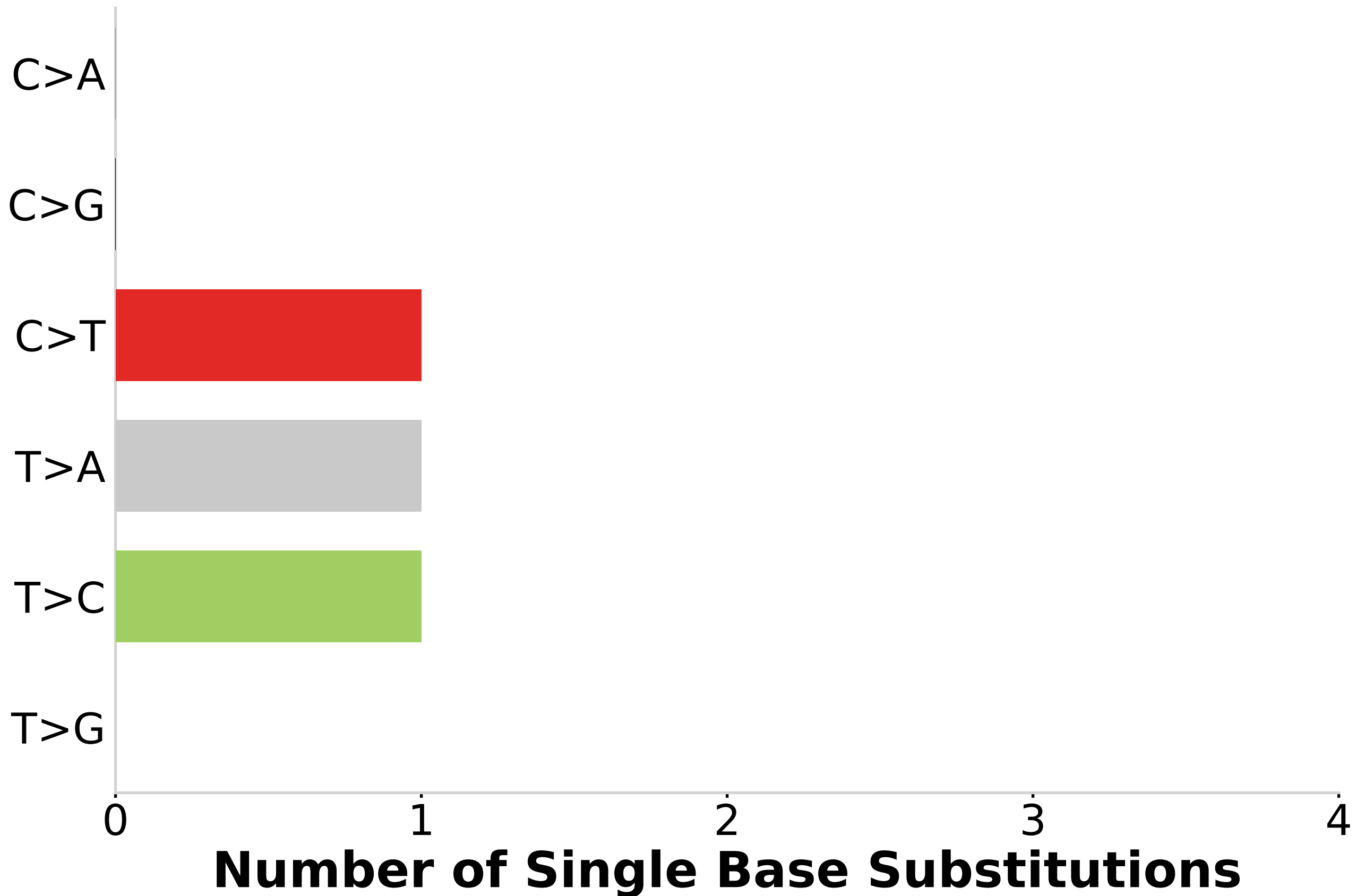
TCGA-AN-A0AK-01A-21W-A019-09: 23 subs



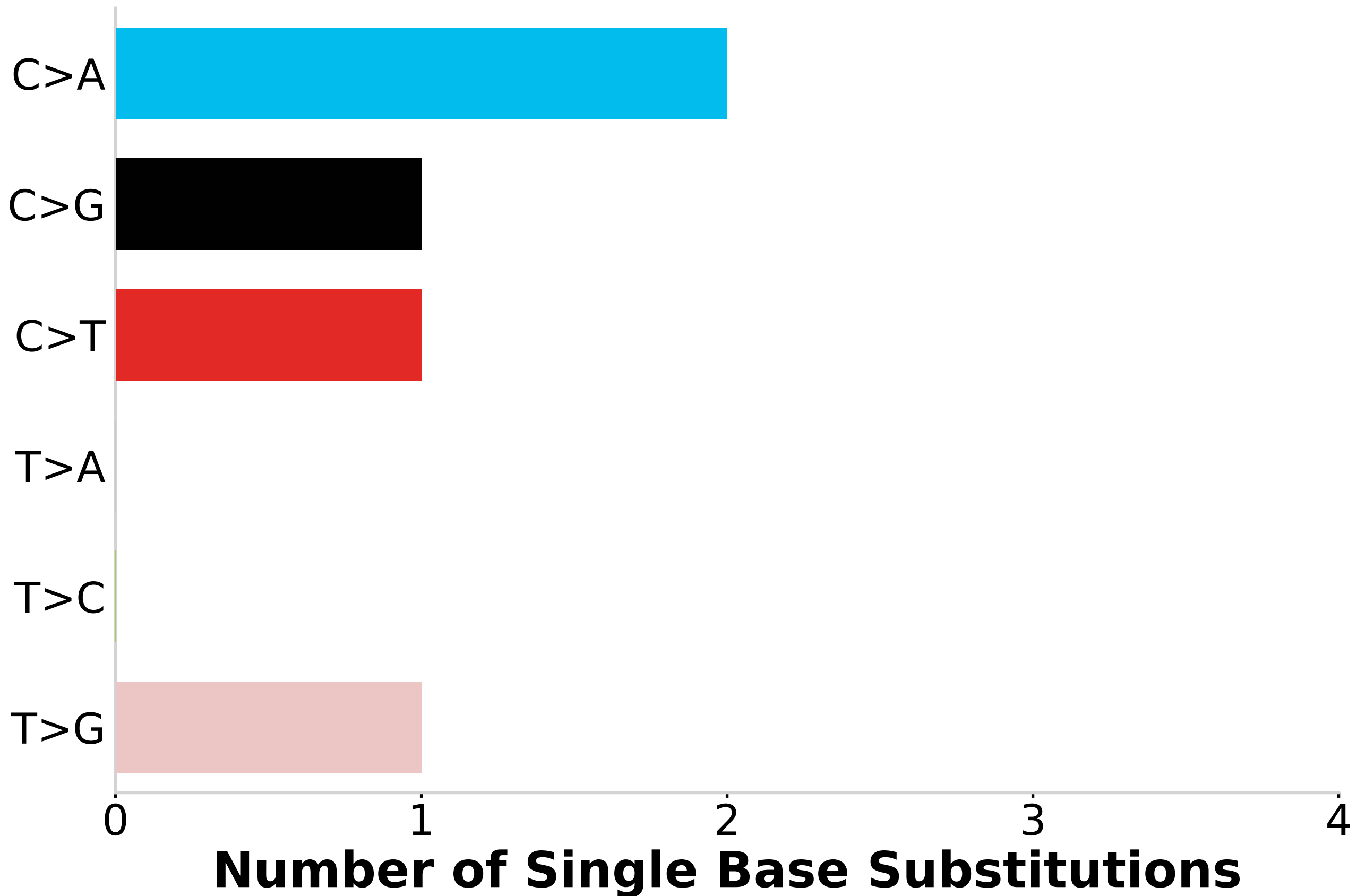
TCGA-AN-A0AL-01A-11W-A019-09: 3 subs



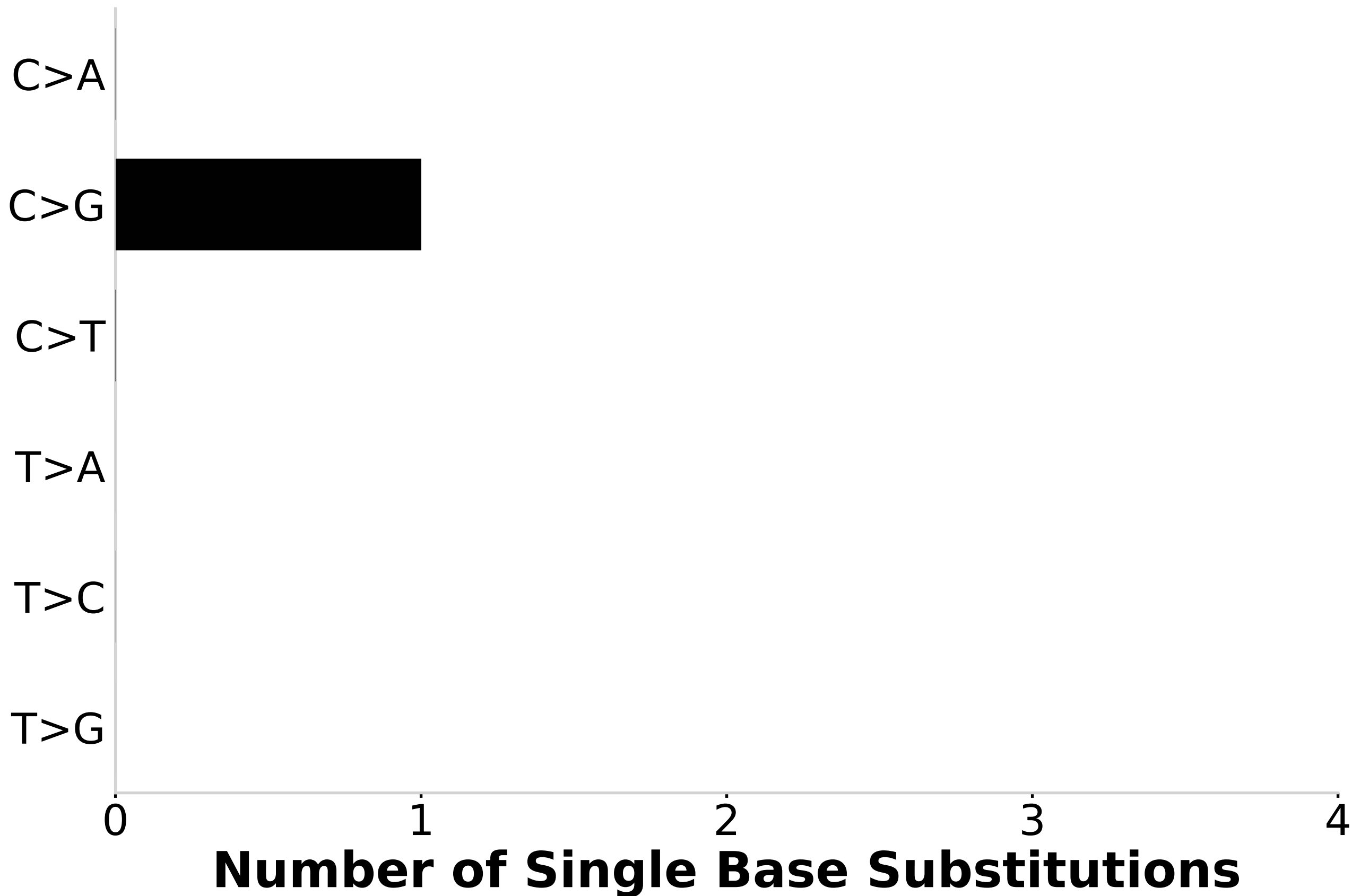
TCGA-AN-A0AM-01A-11W-A050-09: 3 subs



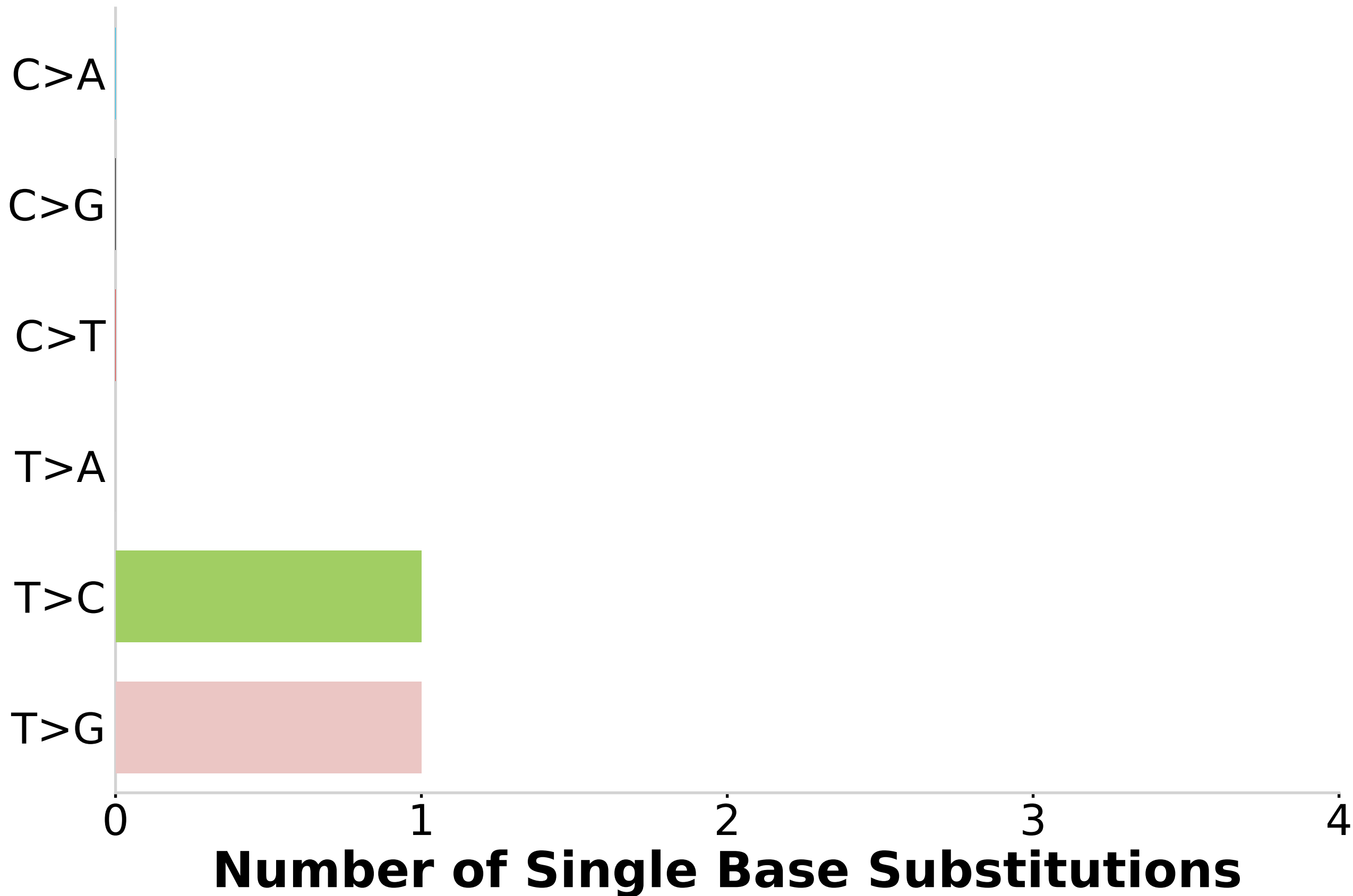
TCGA-AN-A0AR-01A-11W-A019-09: 5 subs



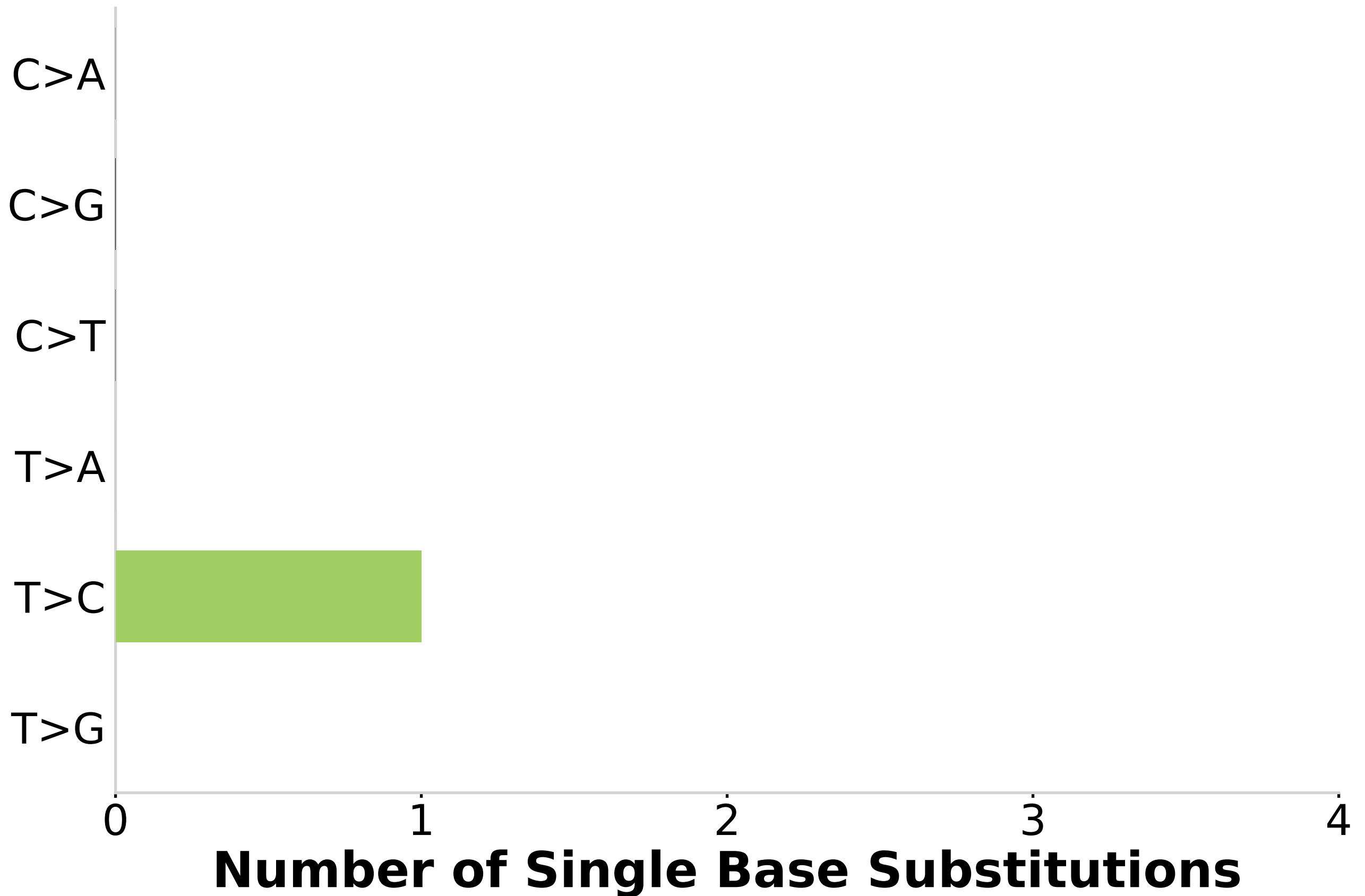
TCGA-AN-A0AT-01A-11D-A045-09: 1 subs



TCGA-AN-A0FD-01A-11W-A050-09: 2 subs



TCGA-AN-A0FF-01A-11W-A050-09: 1 subs



TCGA-AN-A0FJ-01A-11W-A019-09: 4 subs

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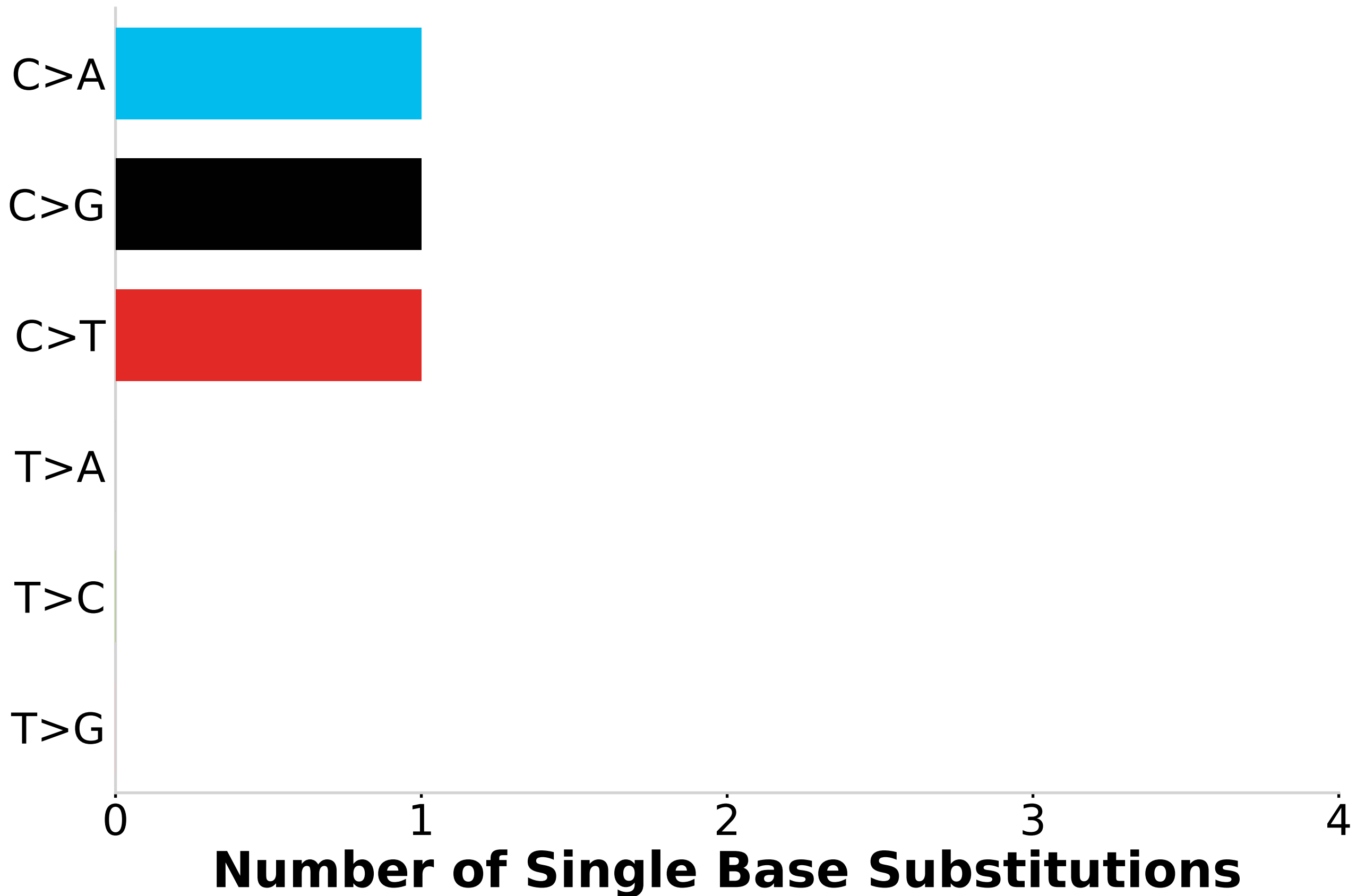
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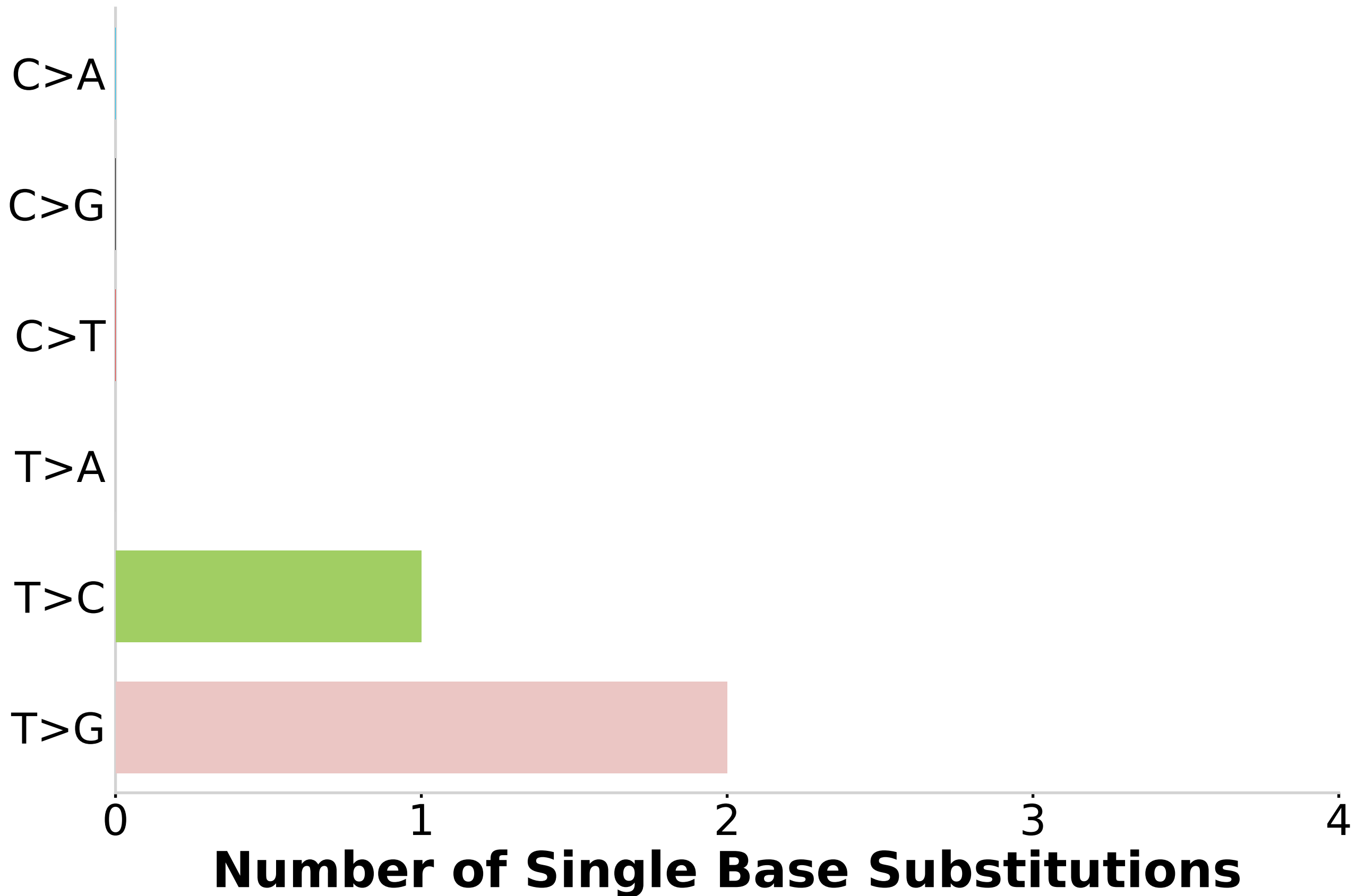
Number of Single Base Substitutions



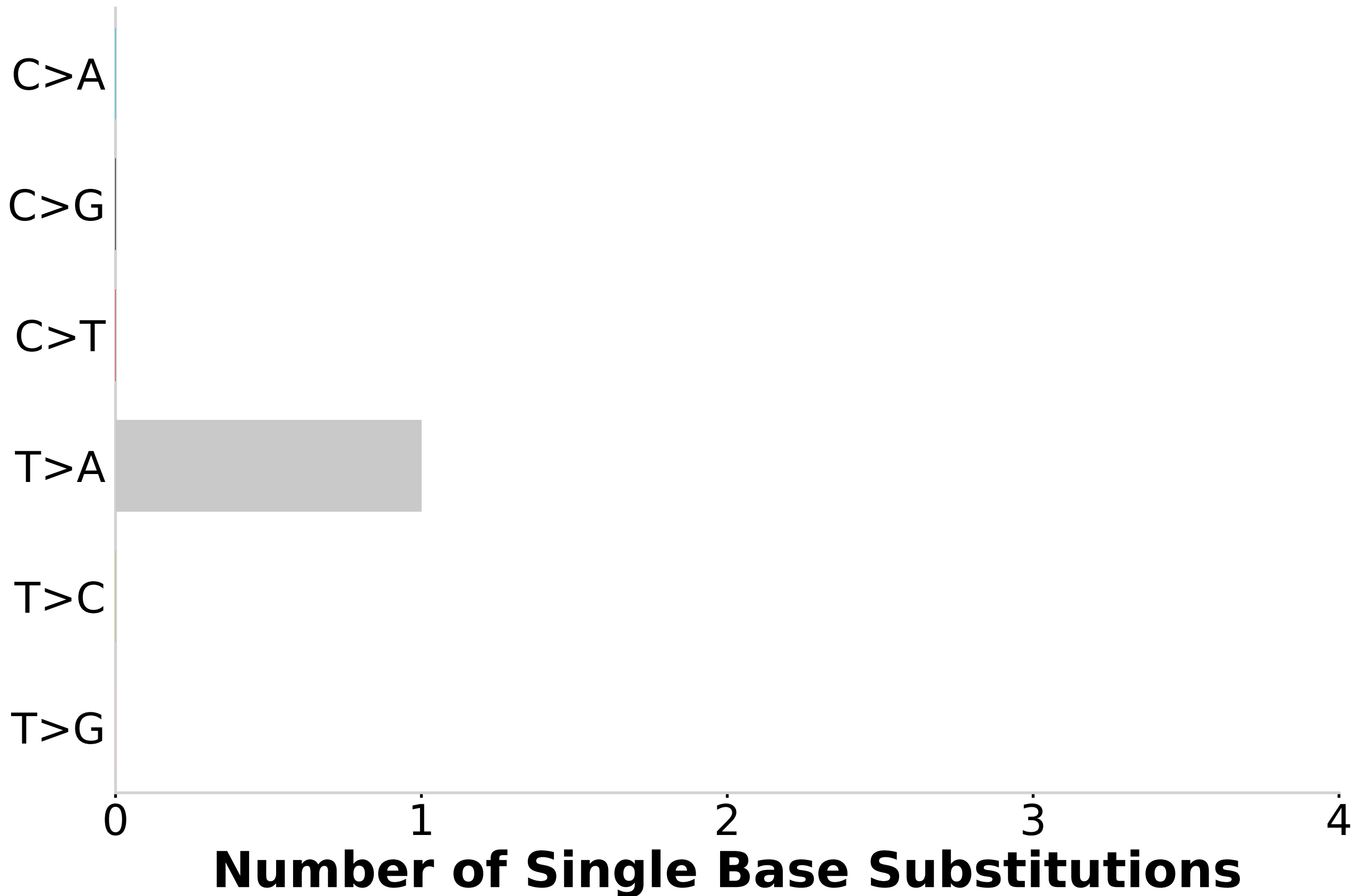
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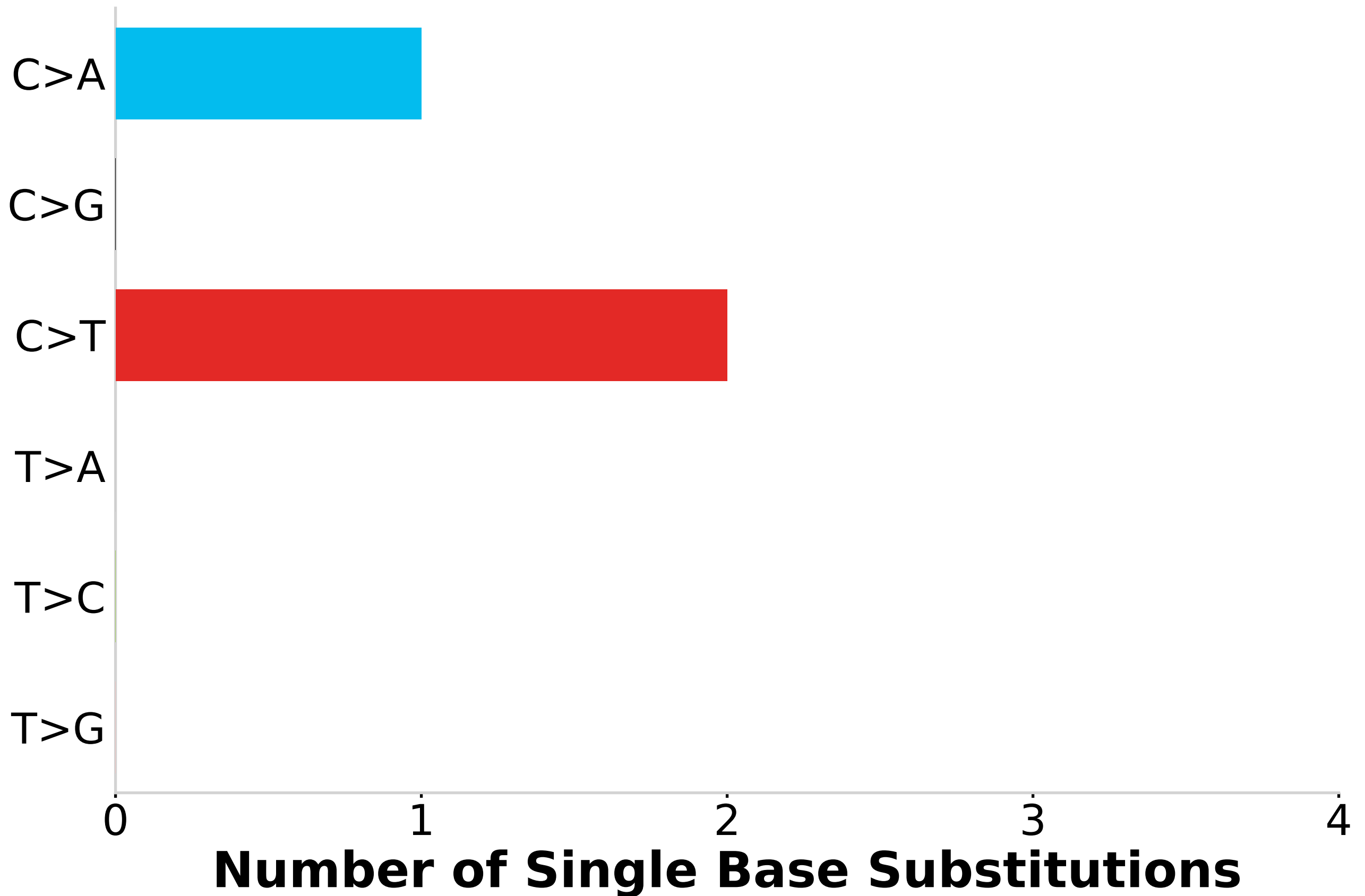
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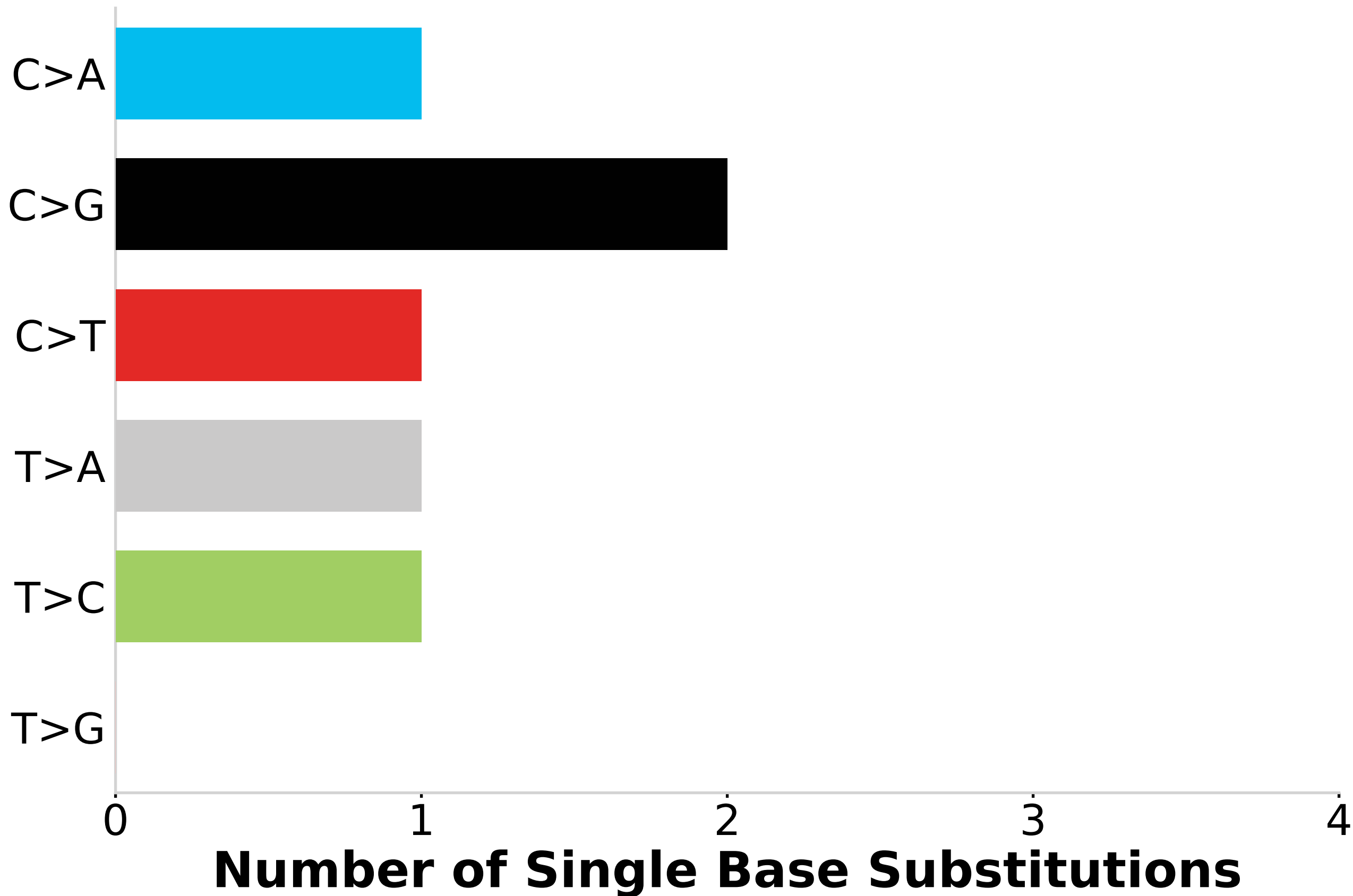
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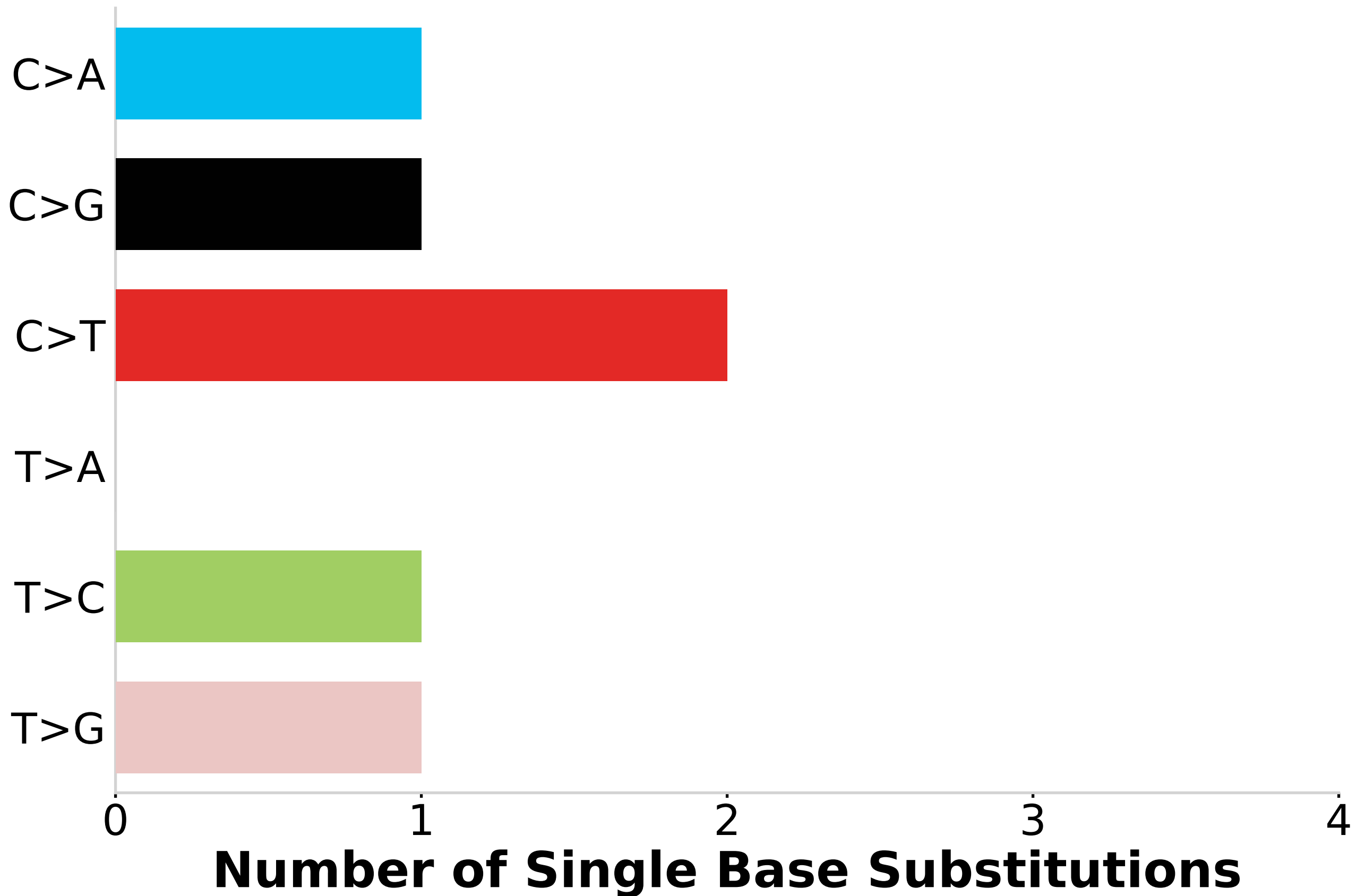
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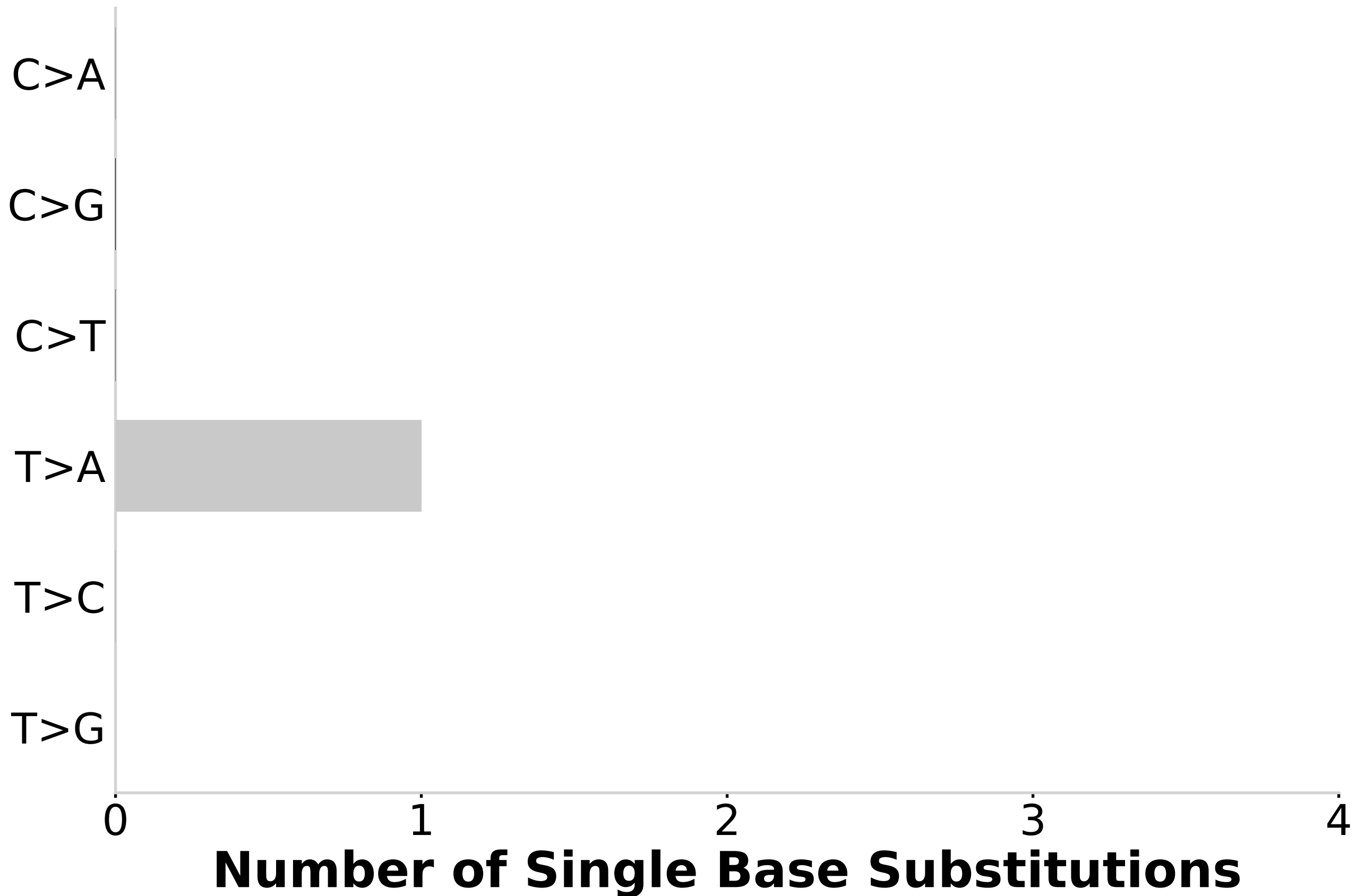
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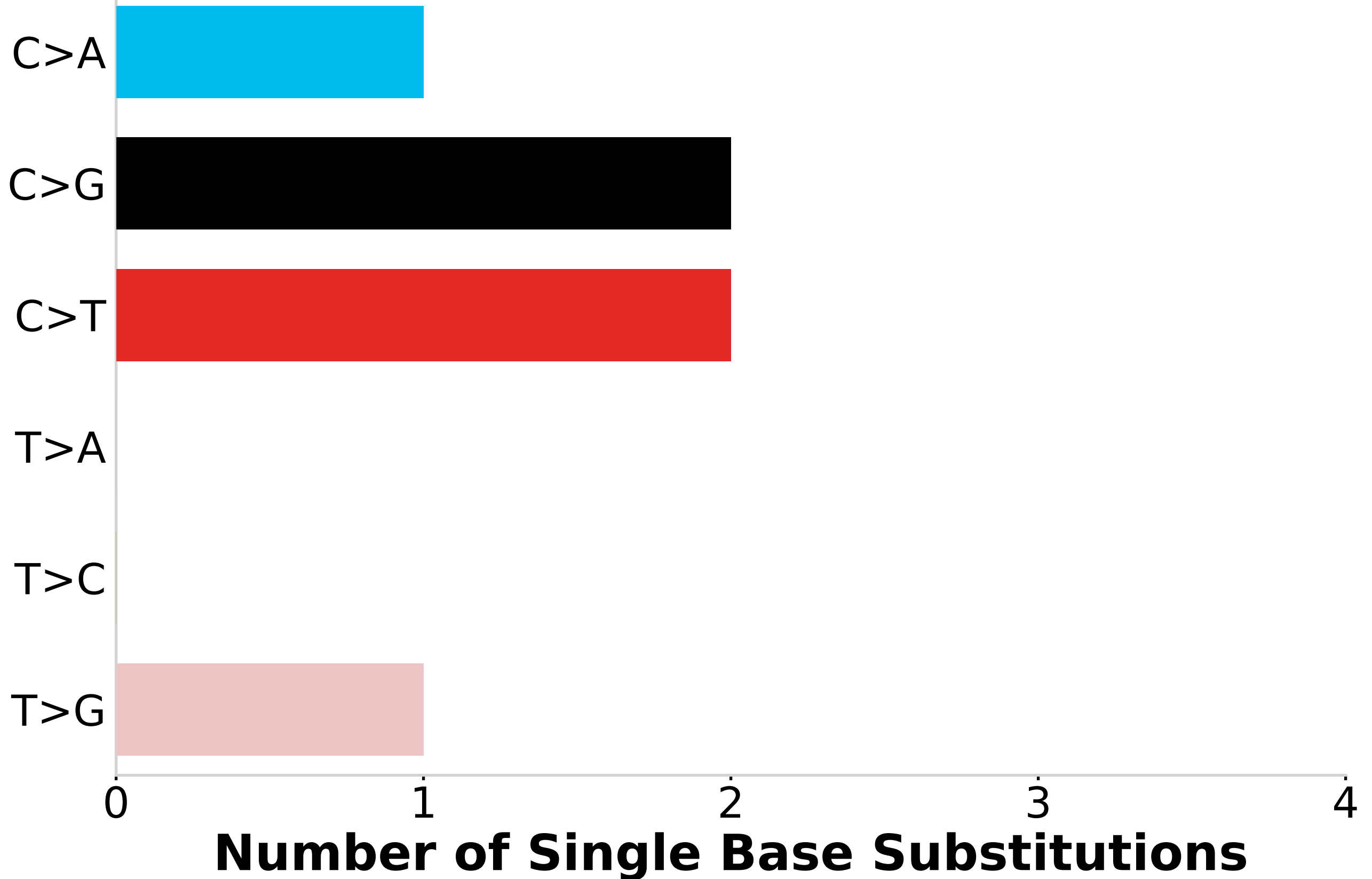
TCGA-AN-A0FV-01A-11W-A019-09: 6 subs



TCGA-AN-A0FW-01A-11W-A050-09: 1 subs



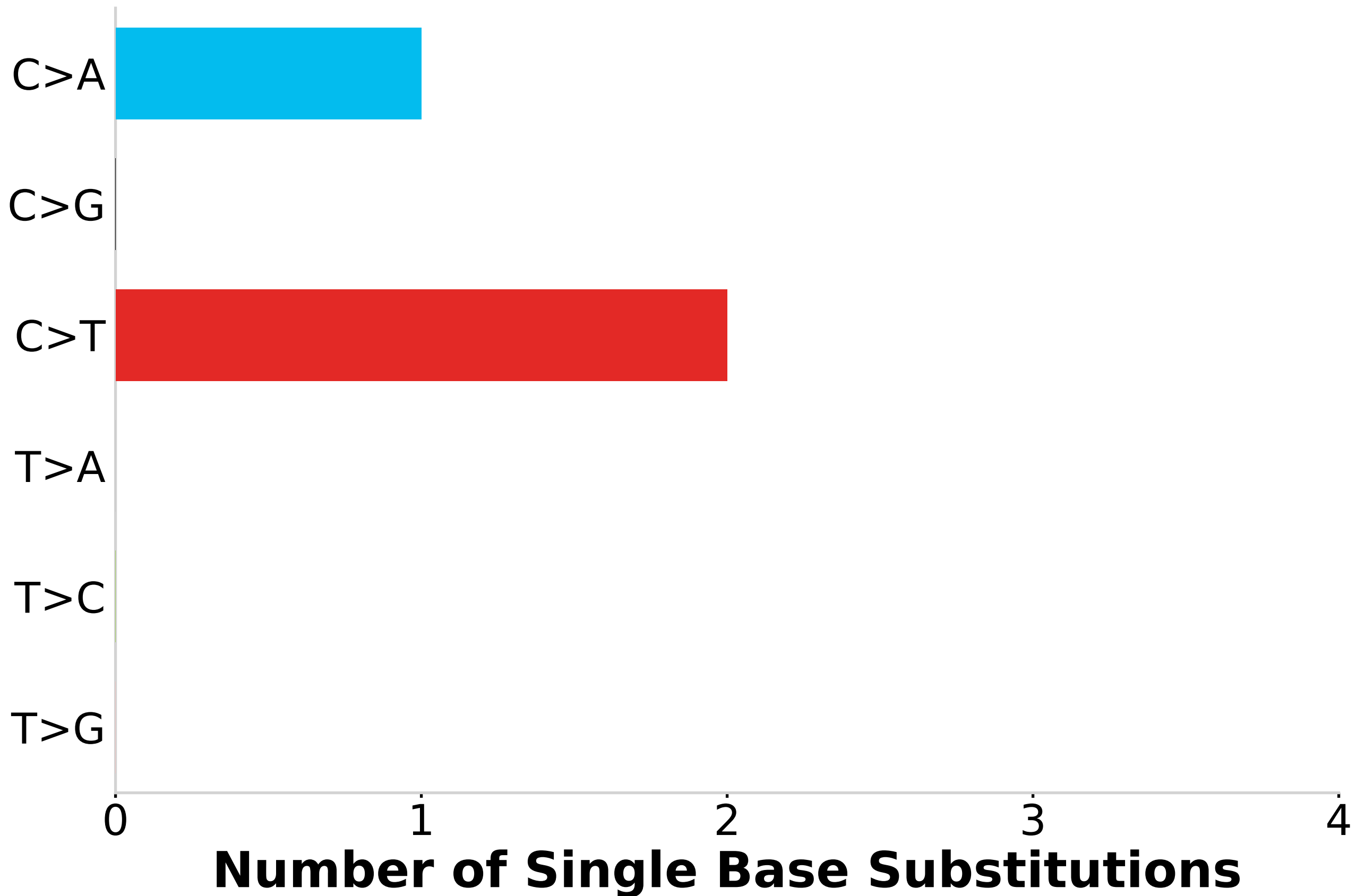
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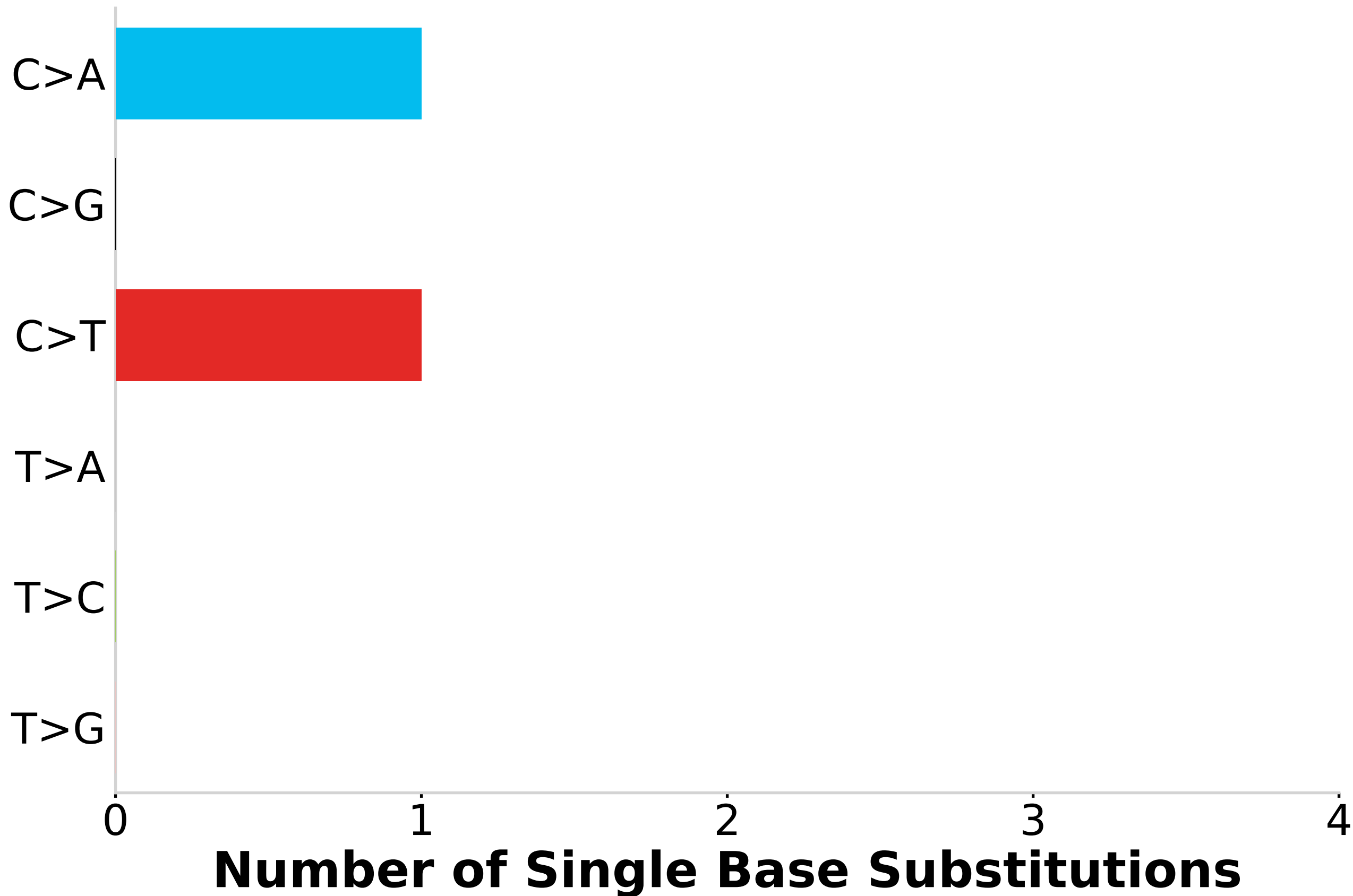
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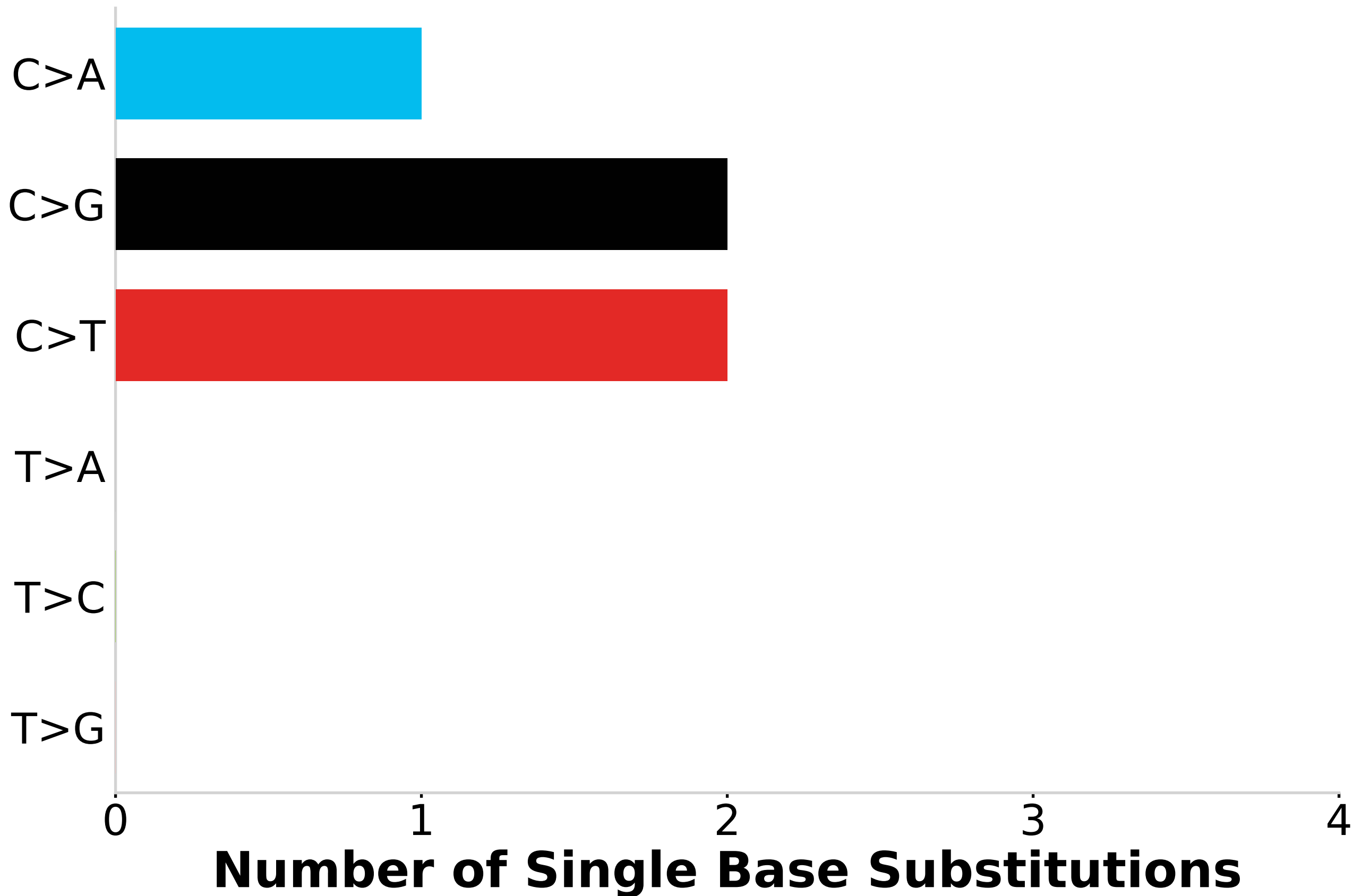
TCGA-AN-A0FZ-01A-11W-A050-09: 3 subs



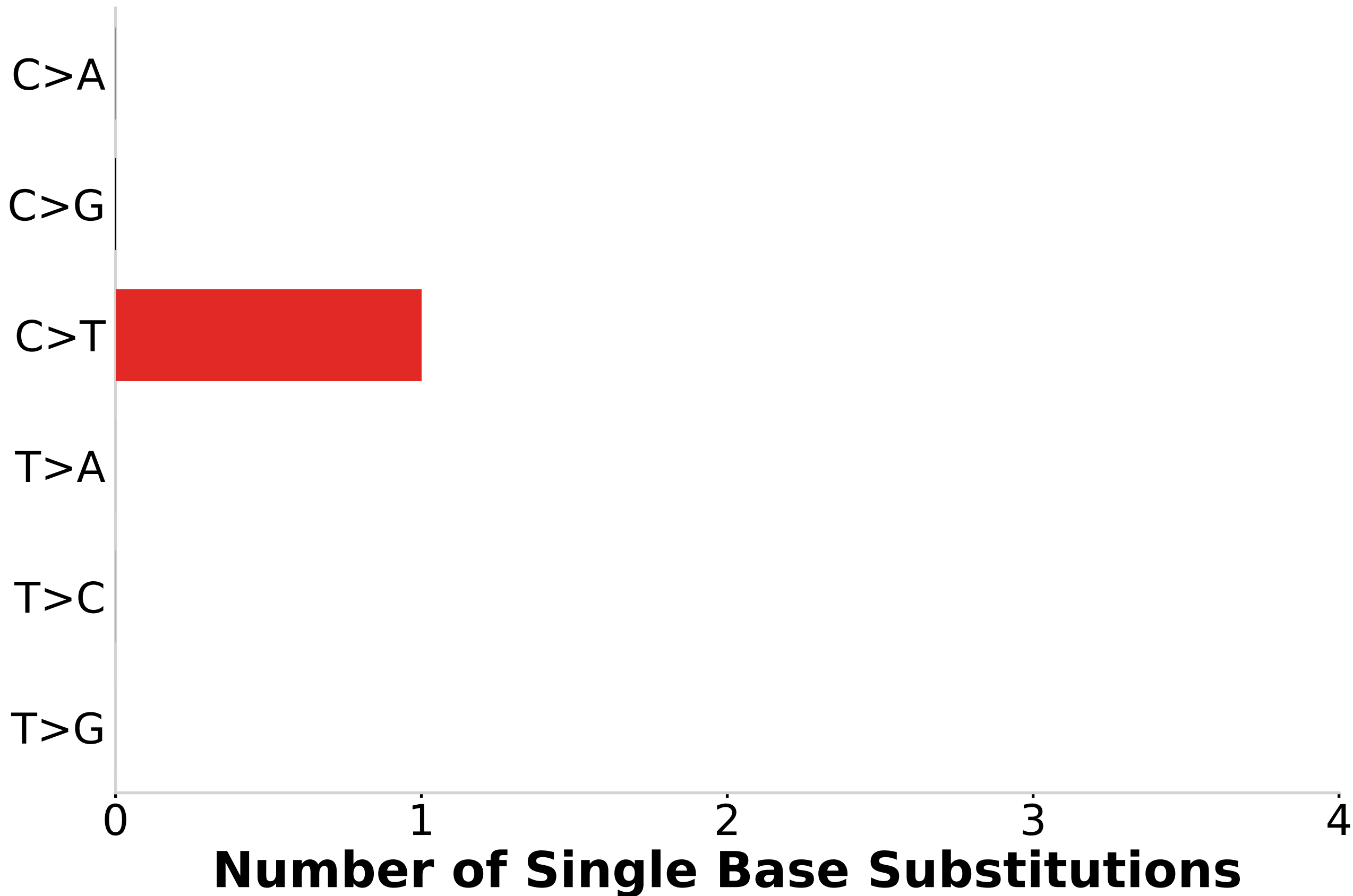
TCGA-AN-A0G0-01A-11W-A050-09: 2 subs



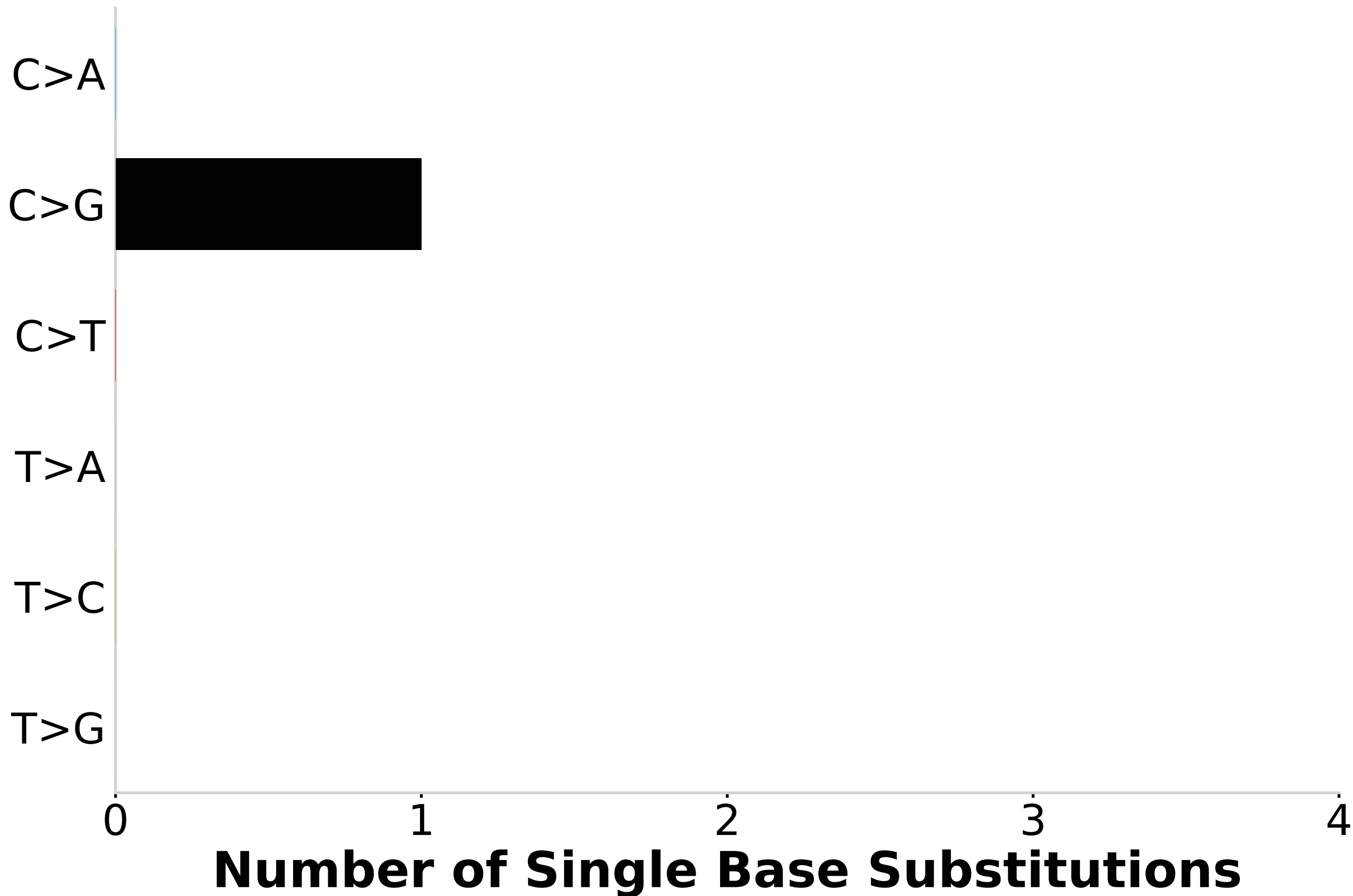
TCGA-AN-A0XN-01A-21D-A10G-09: 5 subs



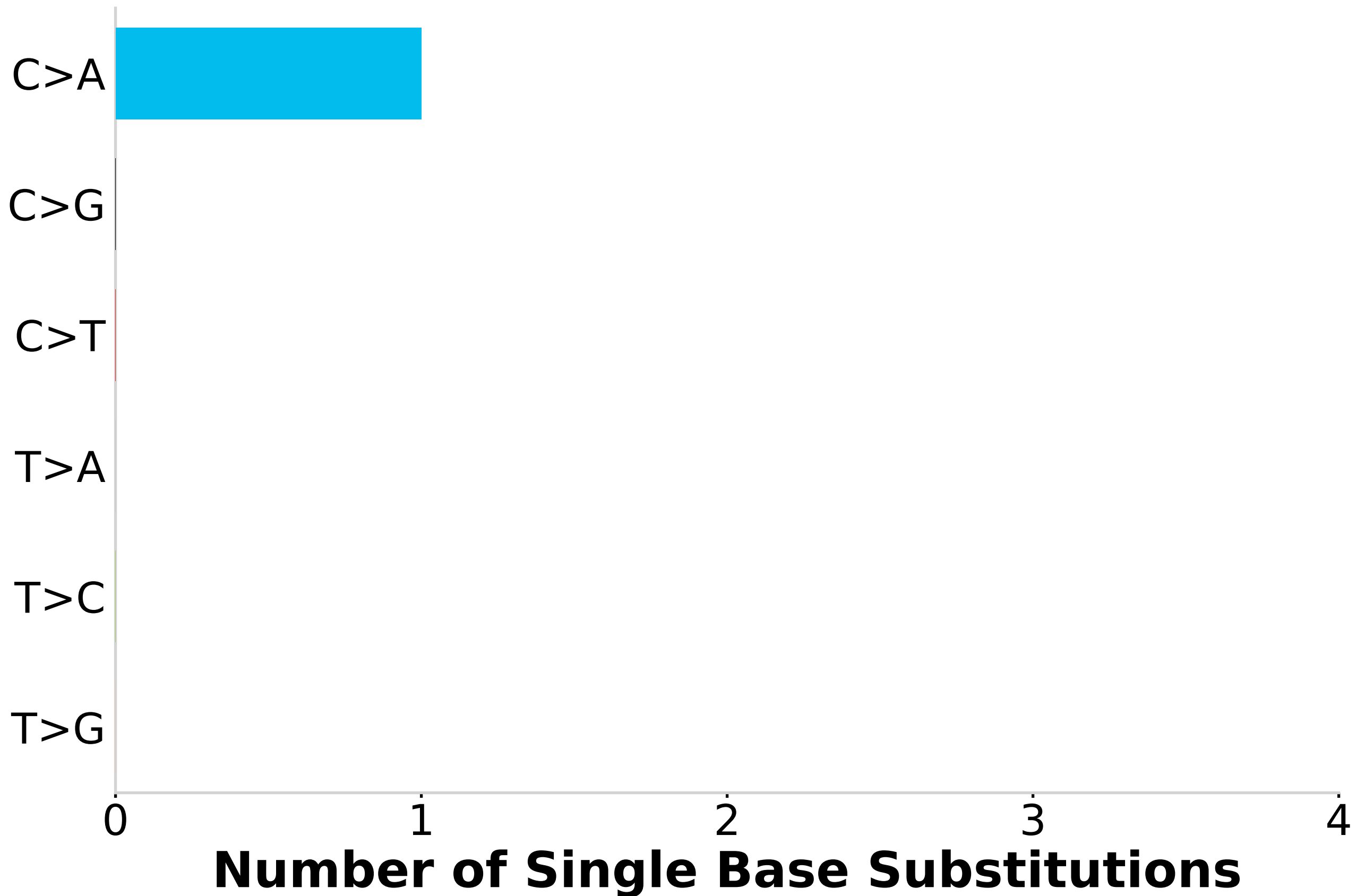
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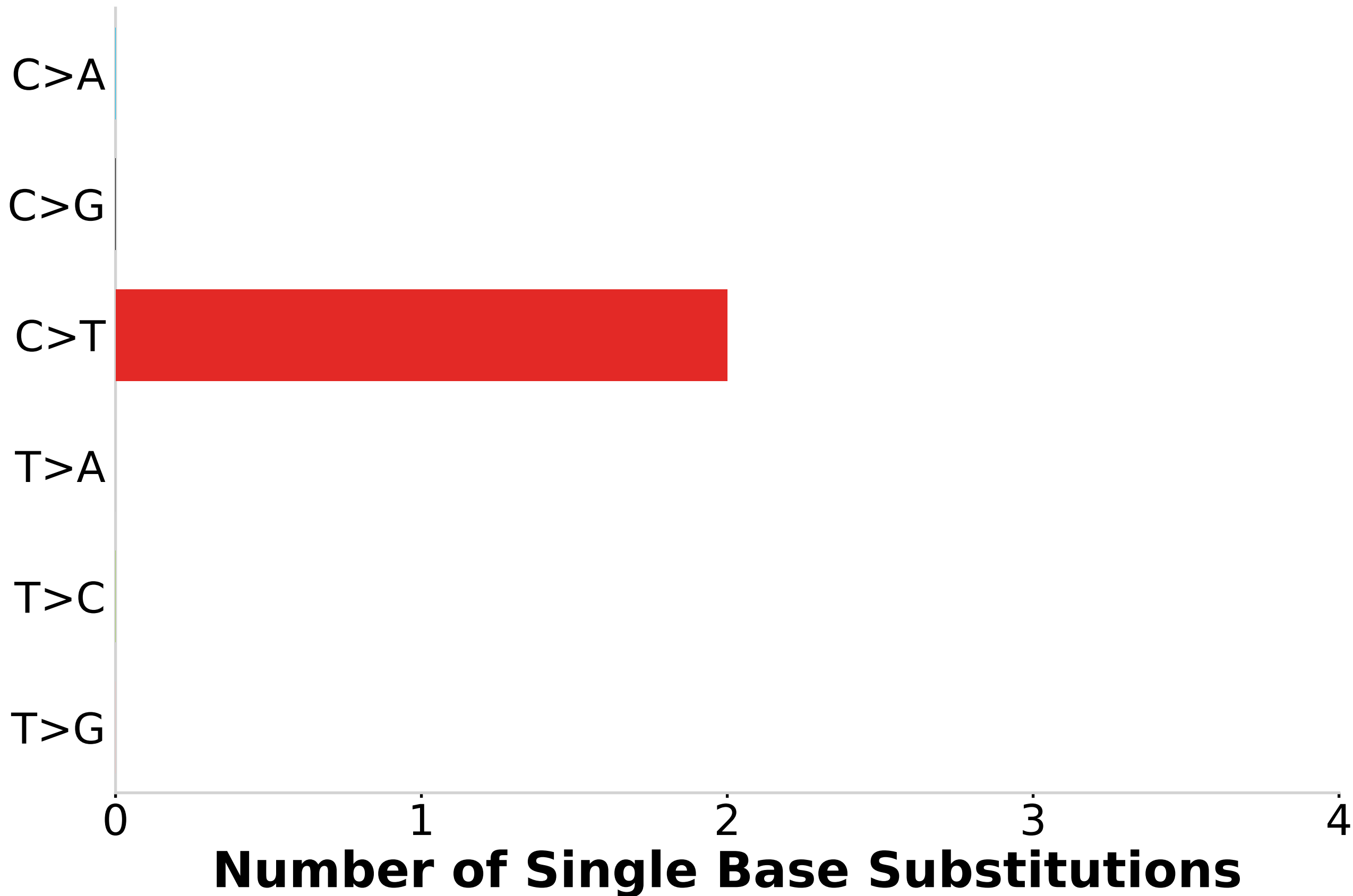
TCGA-AN-A0XP-01A-11D-A117-09: 1 subs



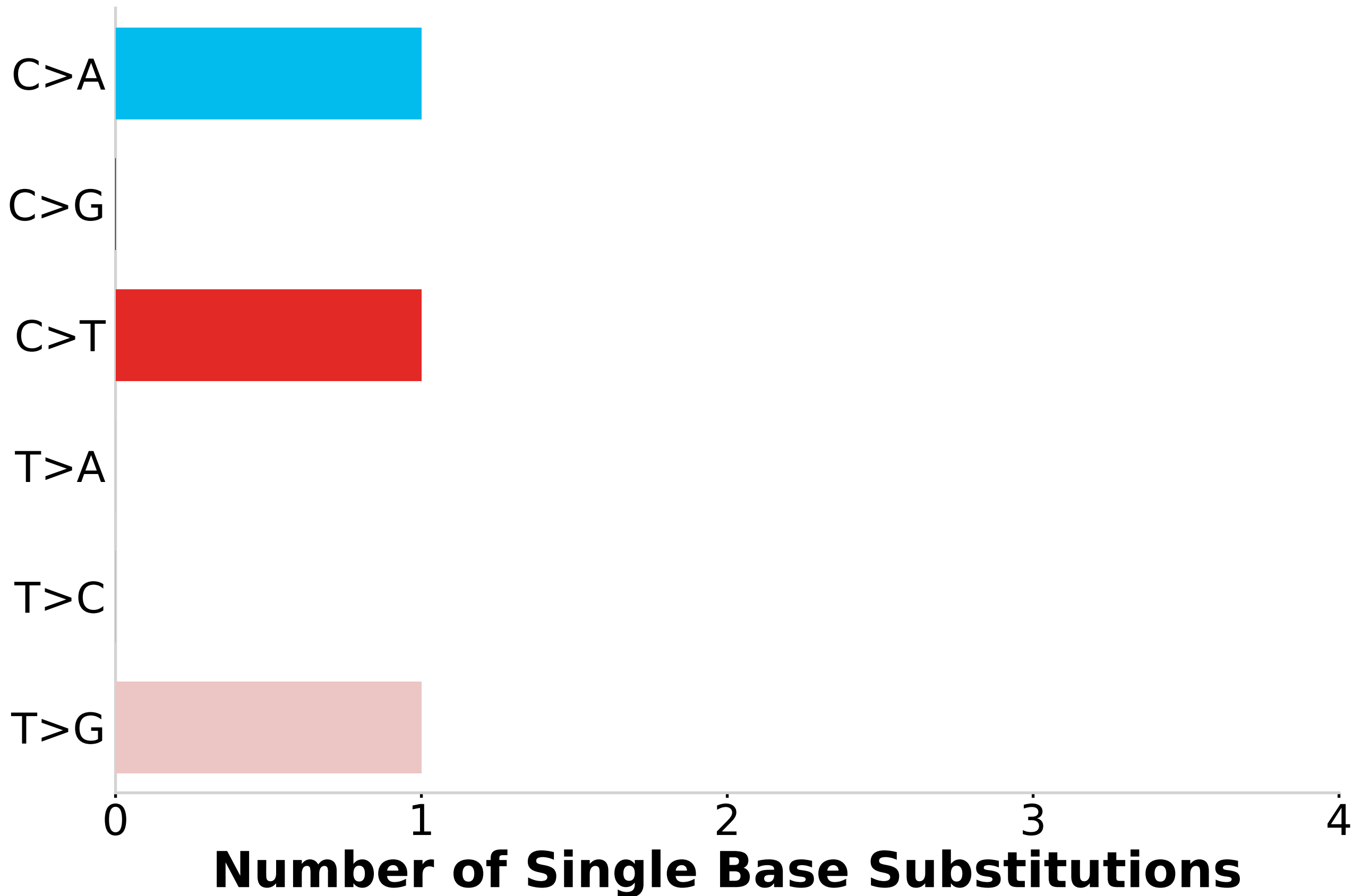
TCGA-AN-A0XS-01A-22D-A10G-09: 1 subs



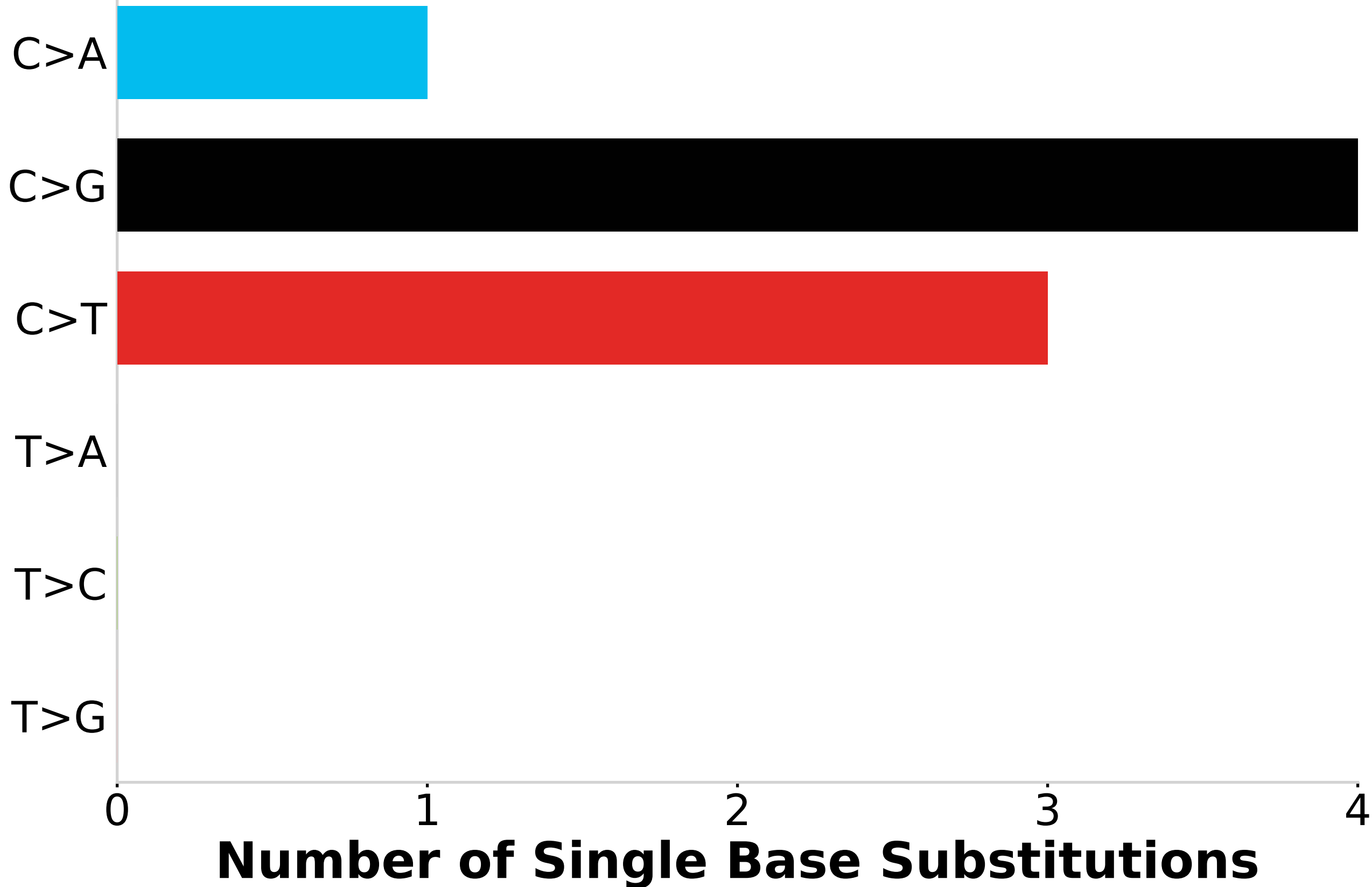
TCGA-AN-A0XT-01A-11D-A10G-09: 2 subs



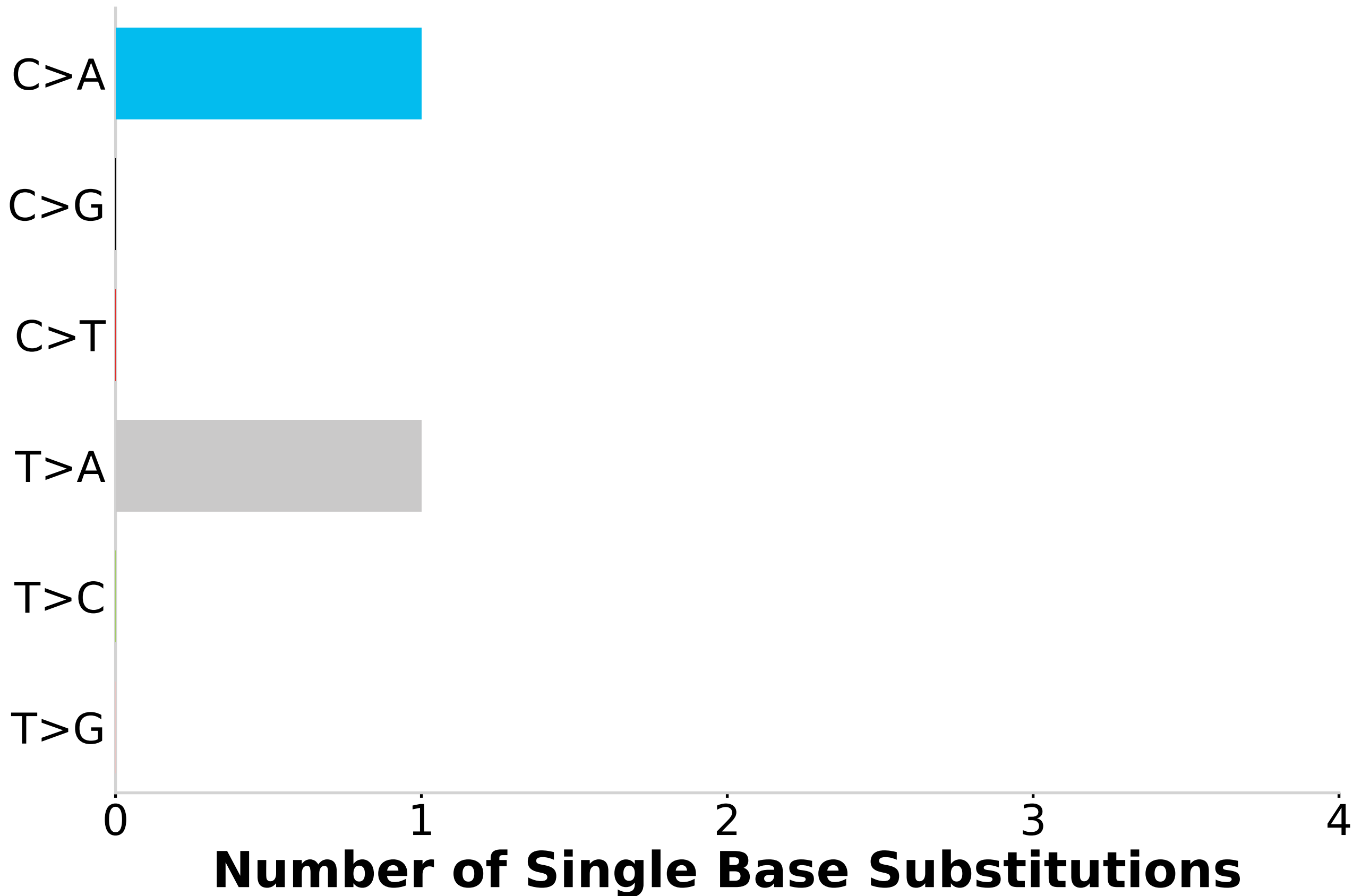
TCGA-AN-A0XU-01A-11D-A10G-09: 3 subs



TCGA-AN-A0XW-01A-11D-A10G-09: 8 subs



TCGA-AO-A03T-01A-21W-A050-09: 2 subs



TCGA-AO-A03V-01A-11D-A10Y-09: 1 subs



TCGA-AO-A0J2-01A-11W-A050-09: 3 subs

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T>G

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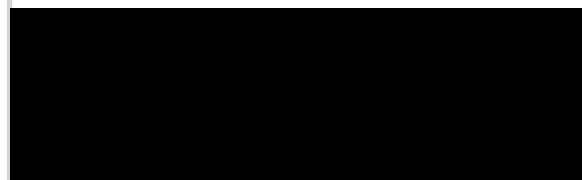
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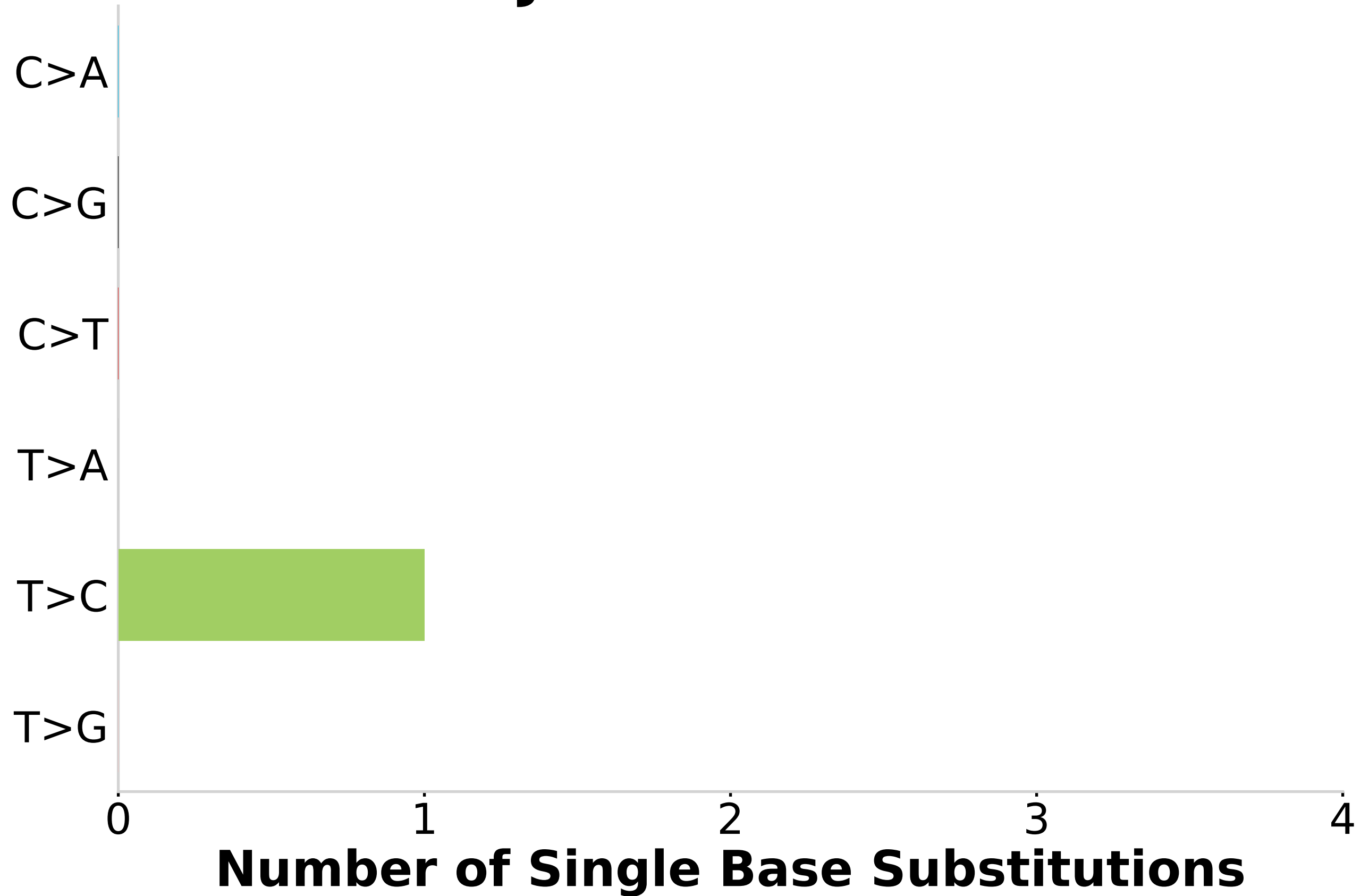
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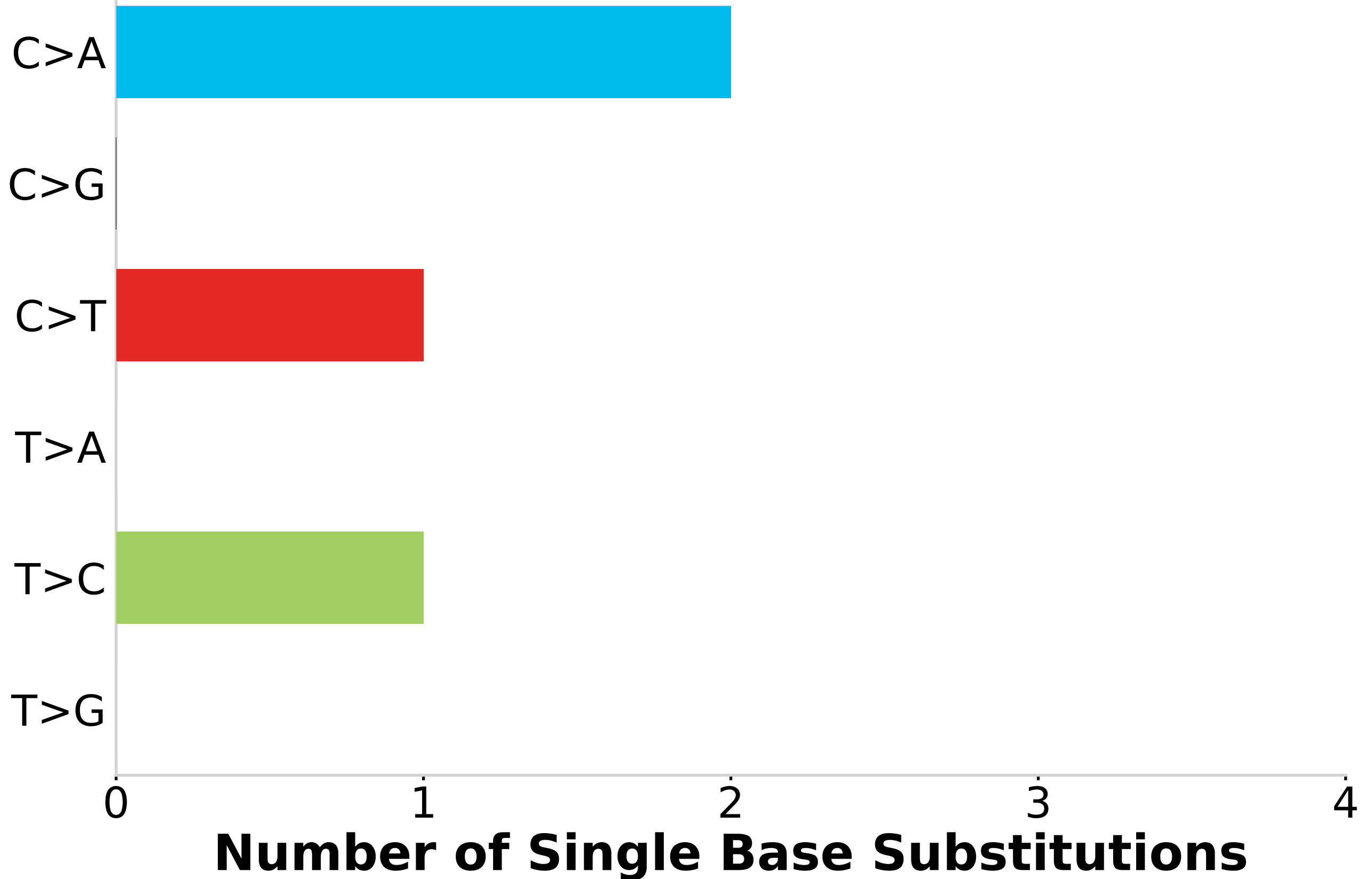
Number of Single Base Substitutions



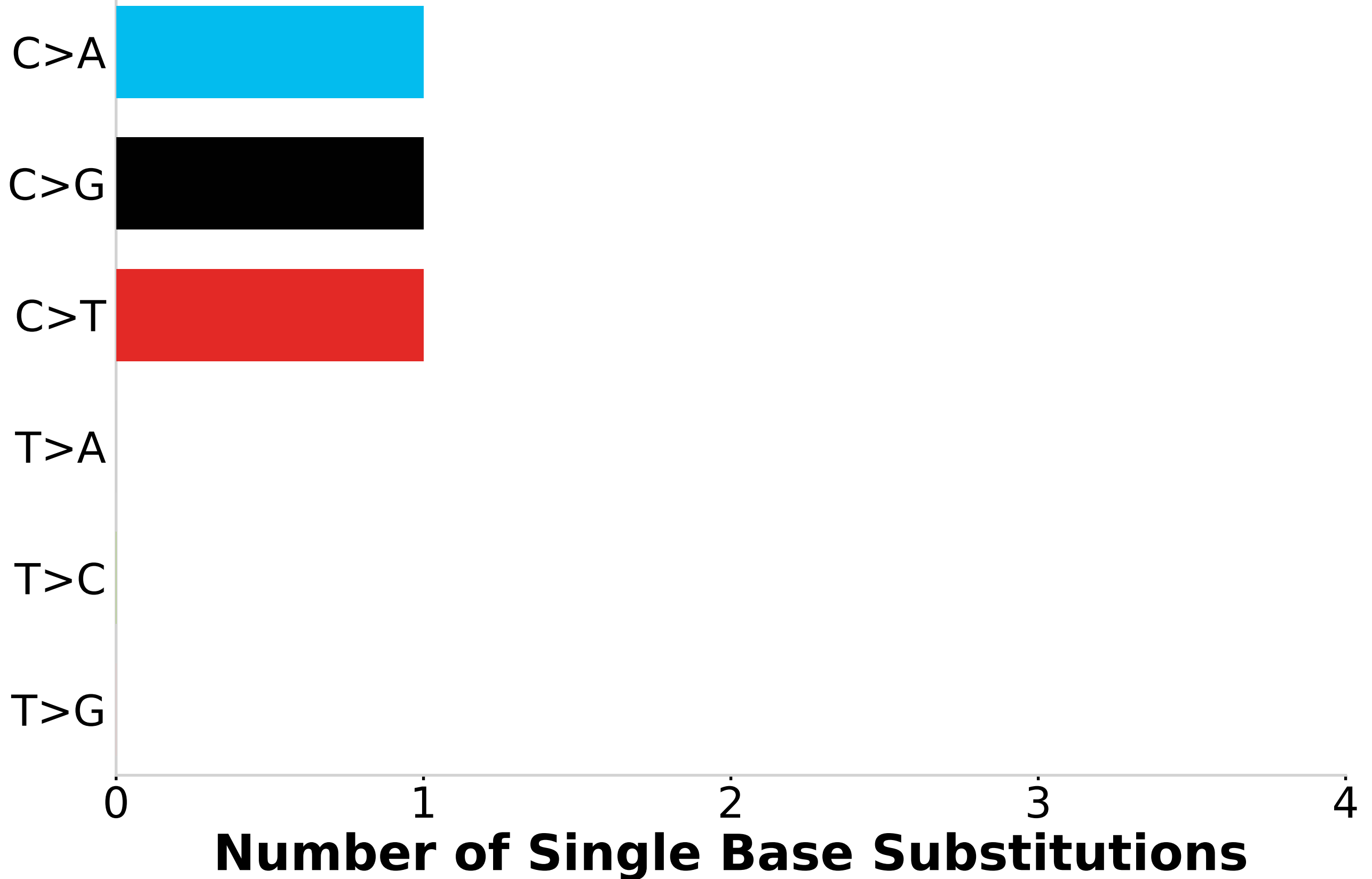
TCGA-AO-A0J4-01A-11W-A050-09: 1 subs



TCGA-A0-A0J5-01A-11W-A050-09: 4 subs



TCGA-A0-A0J6-01A-11W-A050-09: 3 subs



TCGA-AO-A0J9-01A-11W-A050-09: 4 subs

C>A

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T>G

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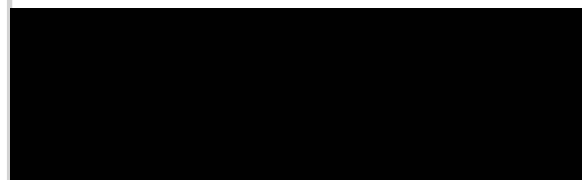
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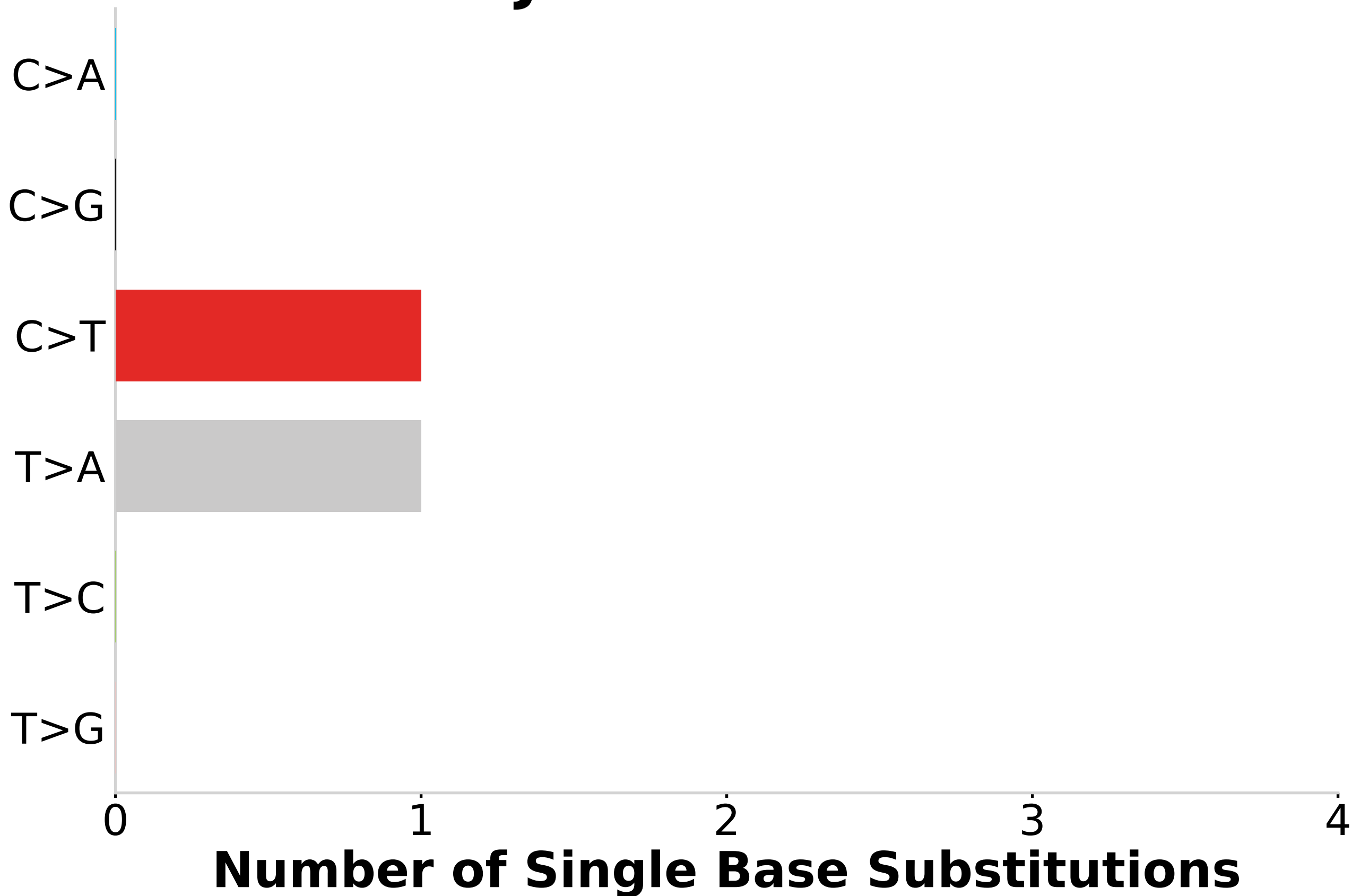
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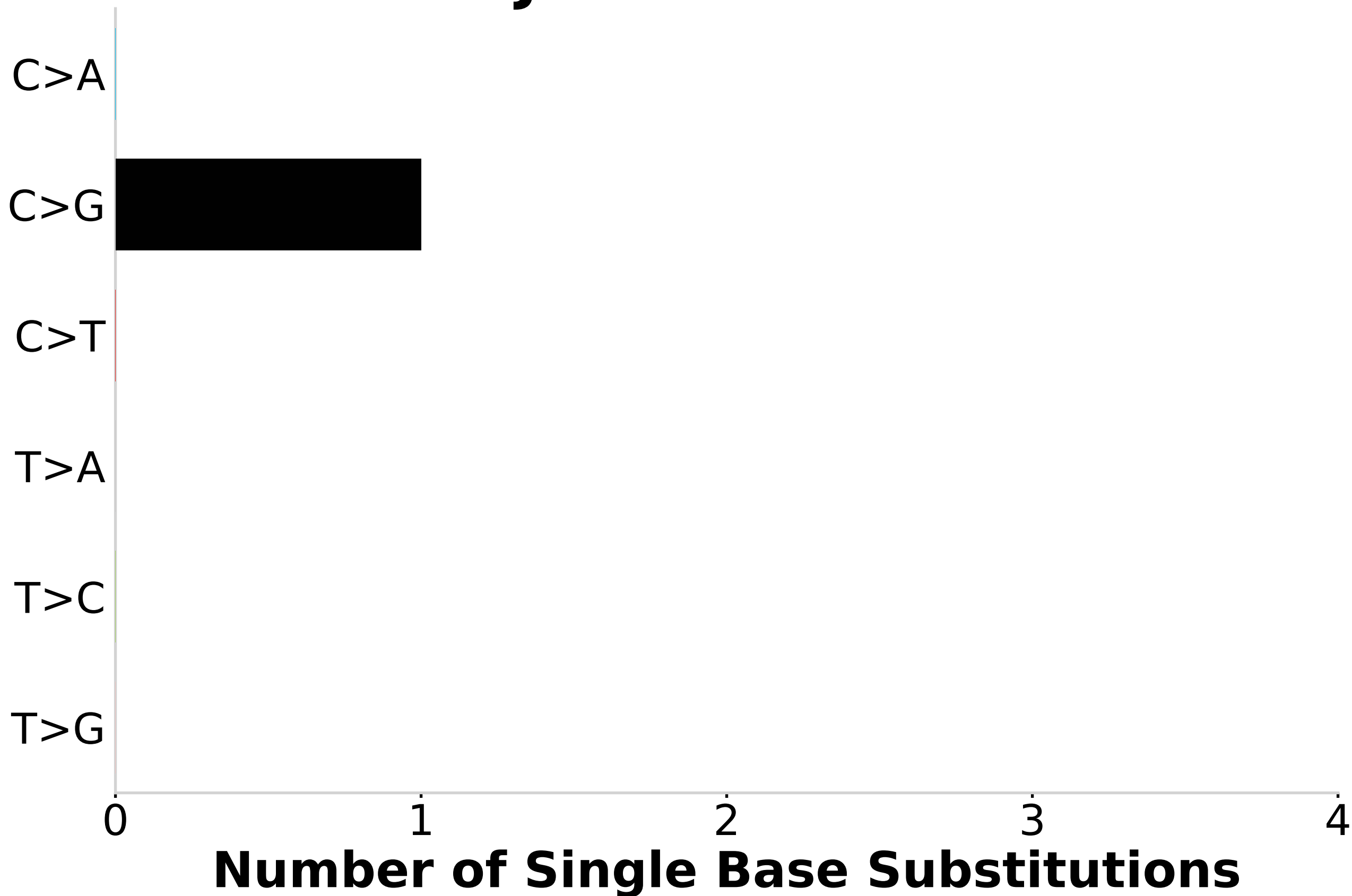
Number of Single Base Substitutions



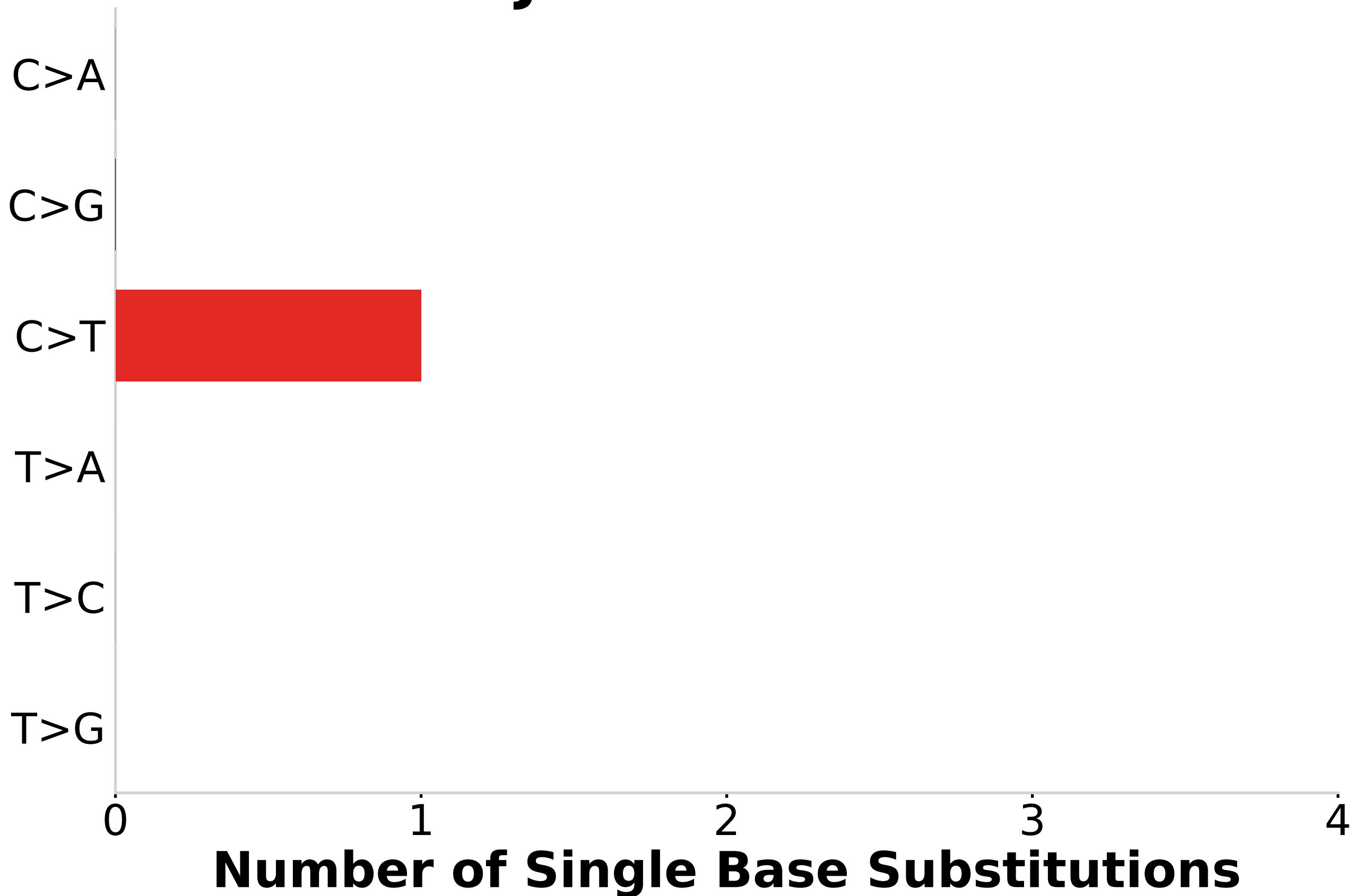
TCGA-AO-A0JA-01A-11W-A071-09: 2 subs



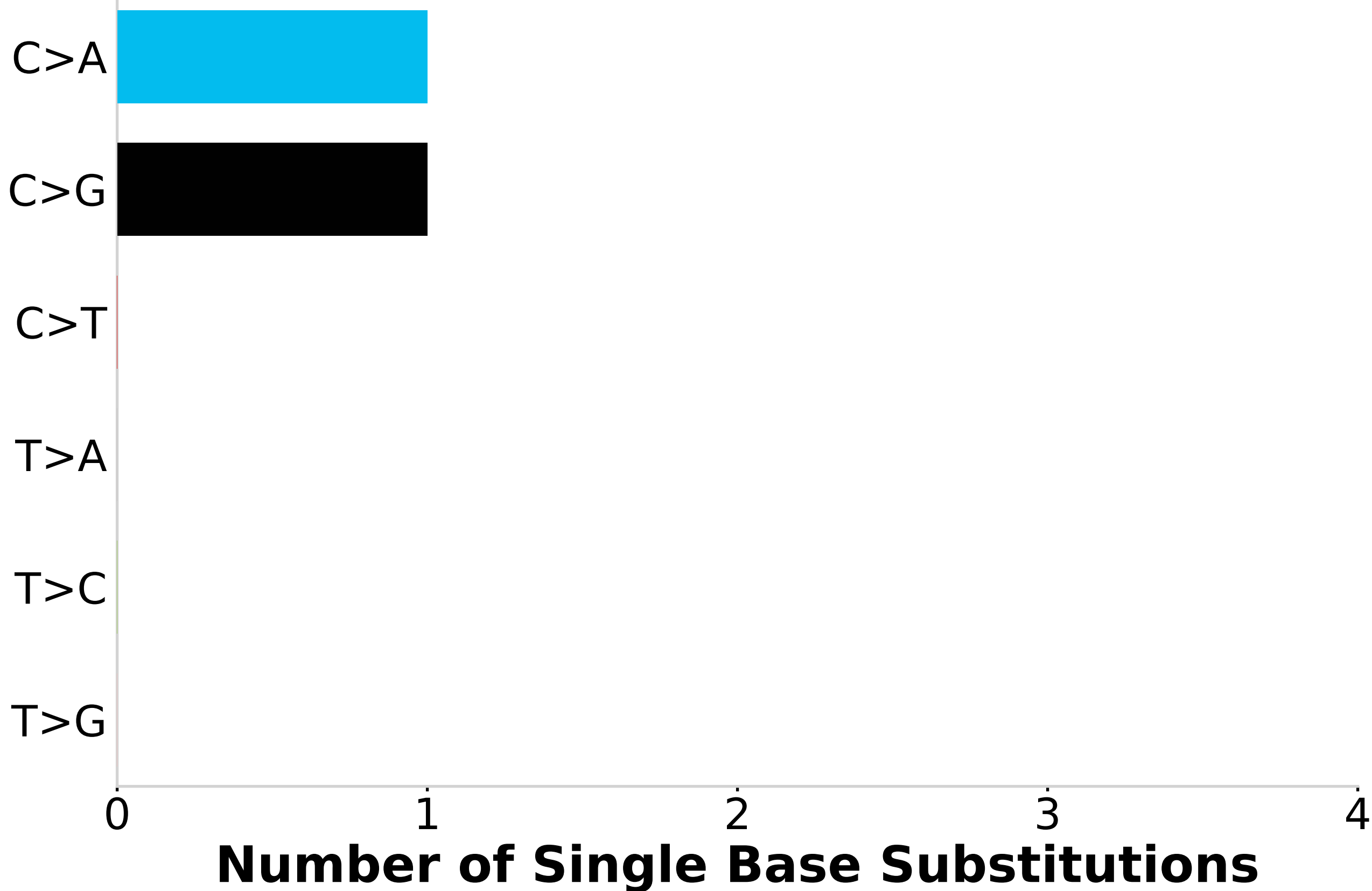
TCGA-AO-A0JB-01A-11W-A071-09: 1 subs



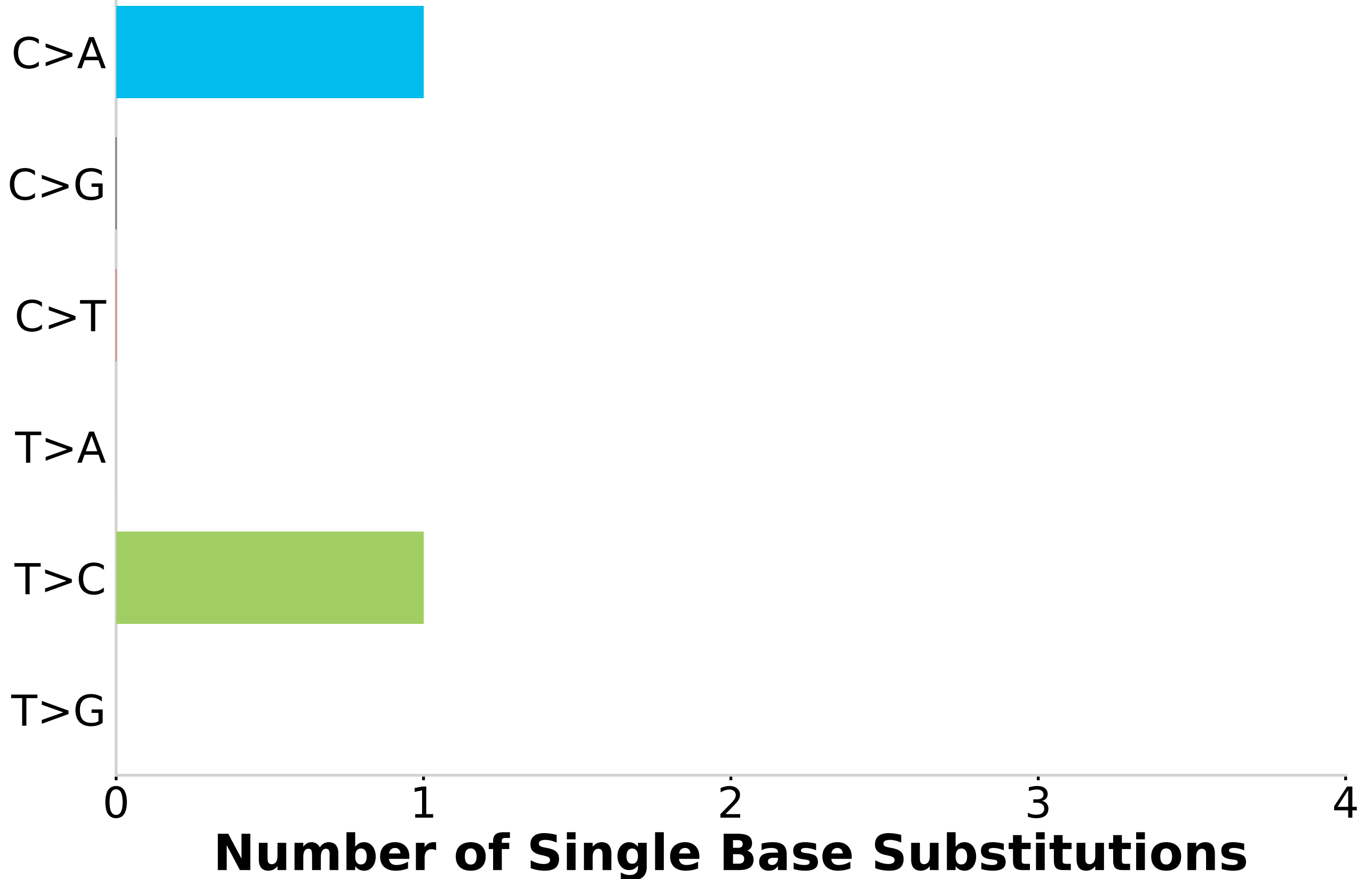
TCGA-AO-A0JC-01A-11W-A071-09: 1 subs



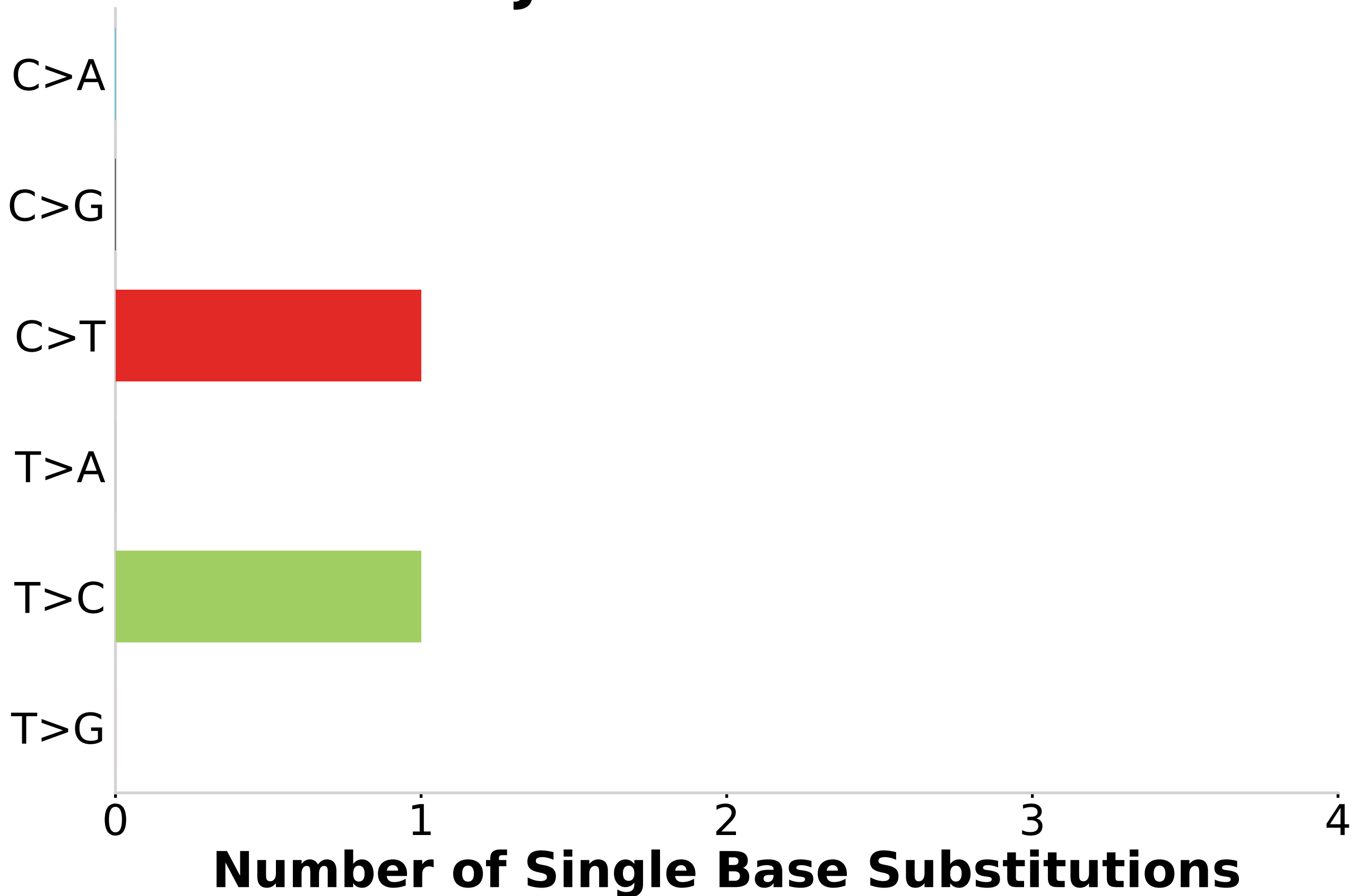
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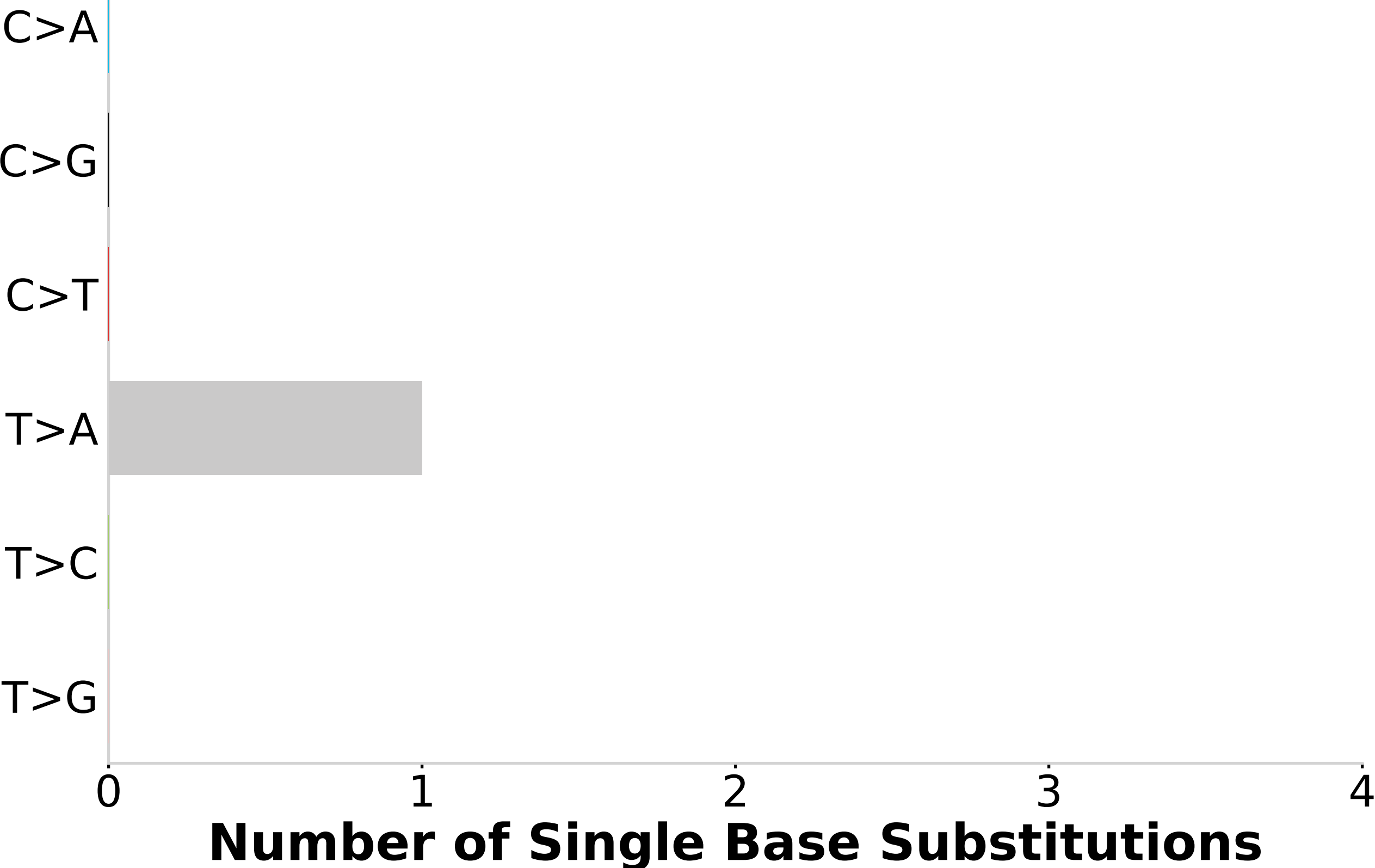
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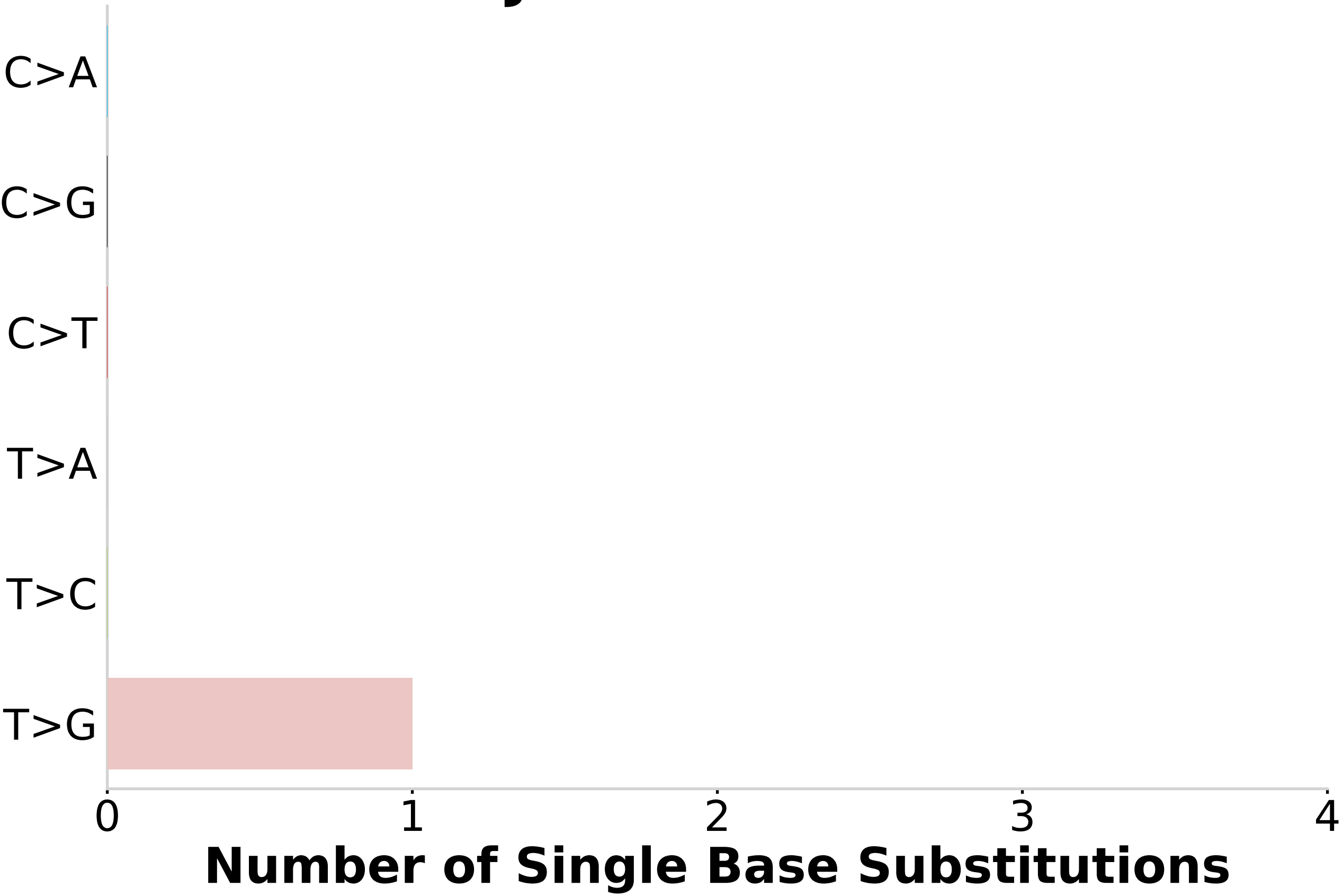
TCGA-AO-A0JG-01A-31D-A099-09: 2 subs



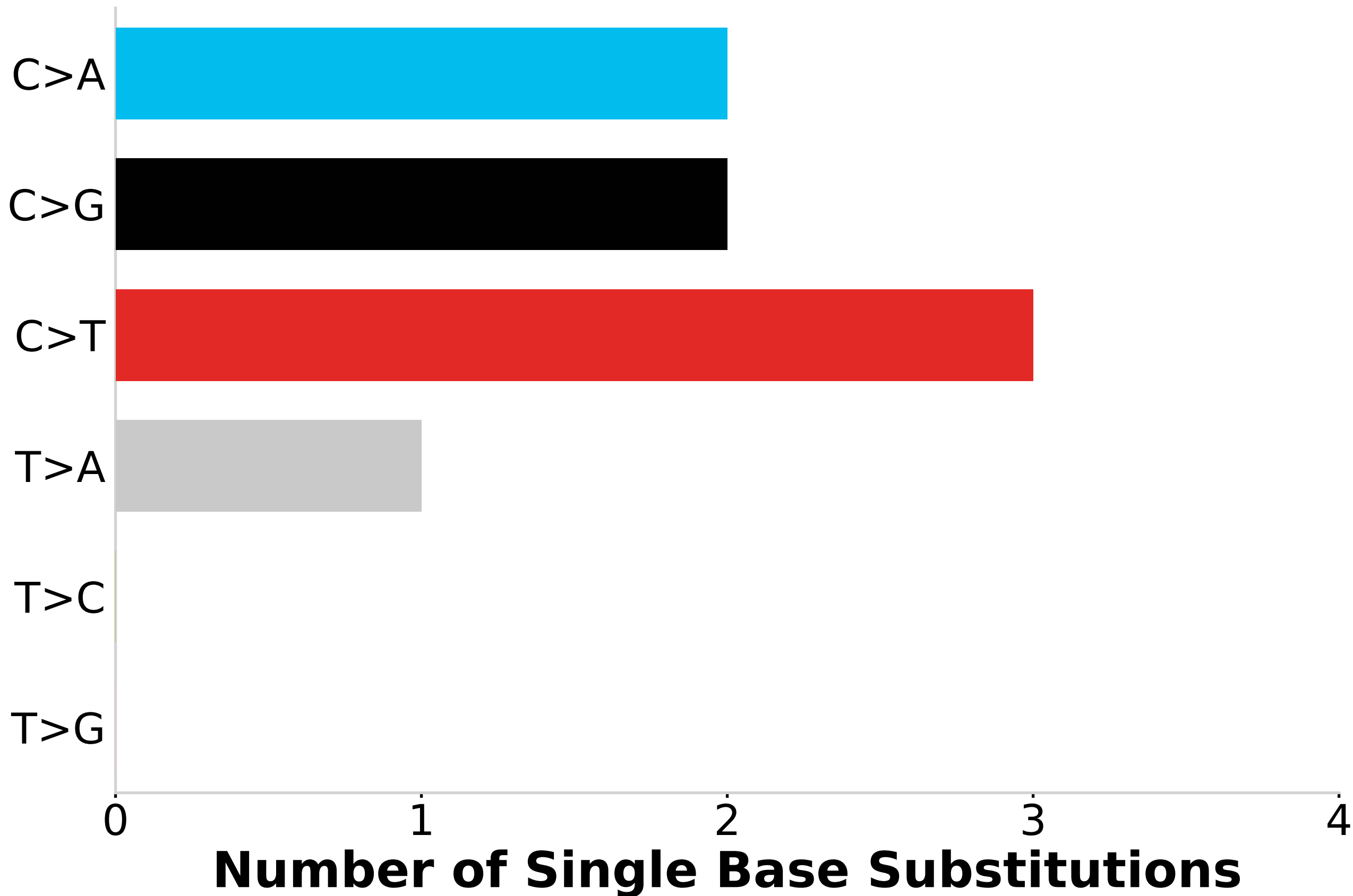
TCGA-AO-A0JI-01A-21W-A100-09: 1 subs



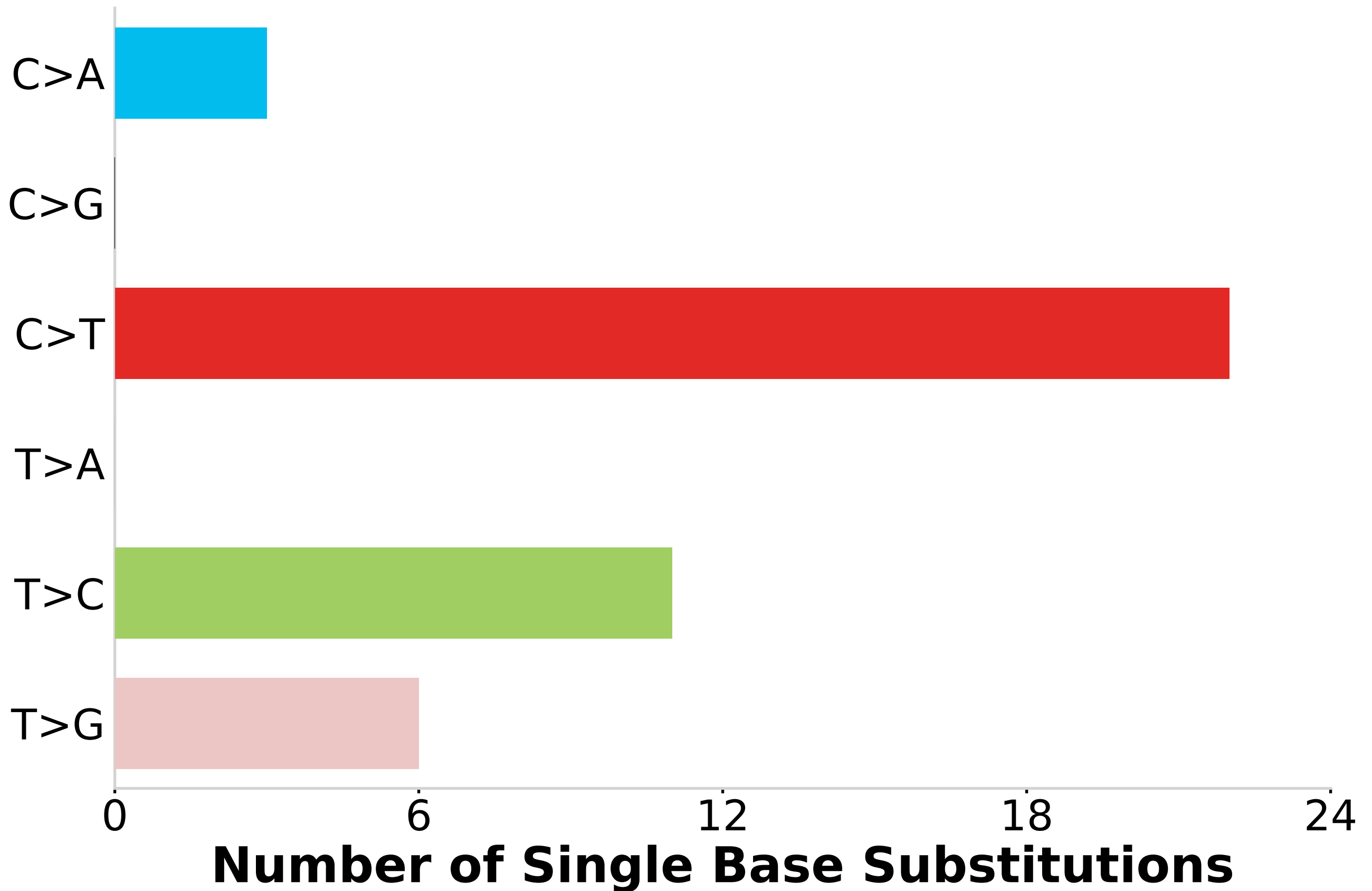
TCGA-AO-A0JM-01A-21W-A071-09: 1 subs



TCGA-AO-A124-01A-11D-A10M-09: 8 subs



TCGA-AO-A128-01A-11D-A10M-09: 42 subs



TCGA-AO-A12F-01A-11D-A10Y-09: 1 subs

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T>G

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Number of Single Base Substitutions



TCGA-AO-A1KP-01A-11D-A13L-09: 1 subs



TCGA-AO-A1KR-01A-12D-A142-09: 4 subs

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C>G

C>T

T>A

T>C

T>G

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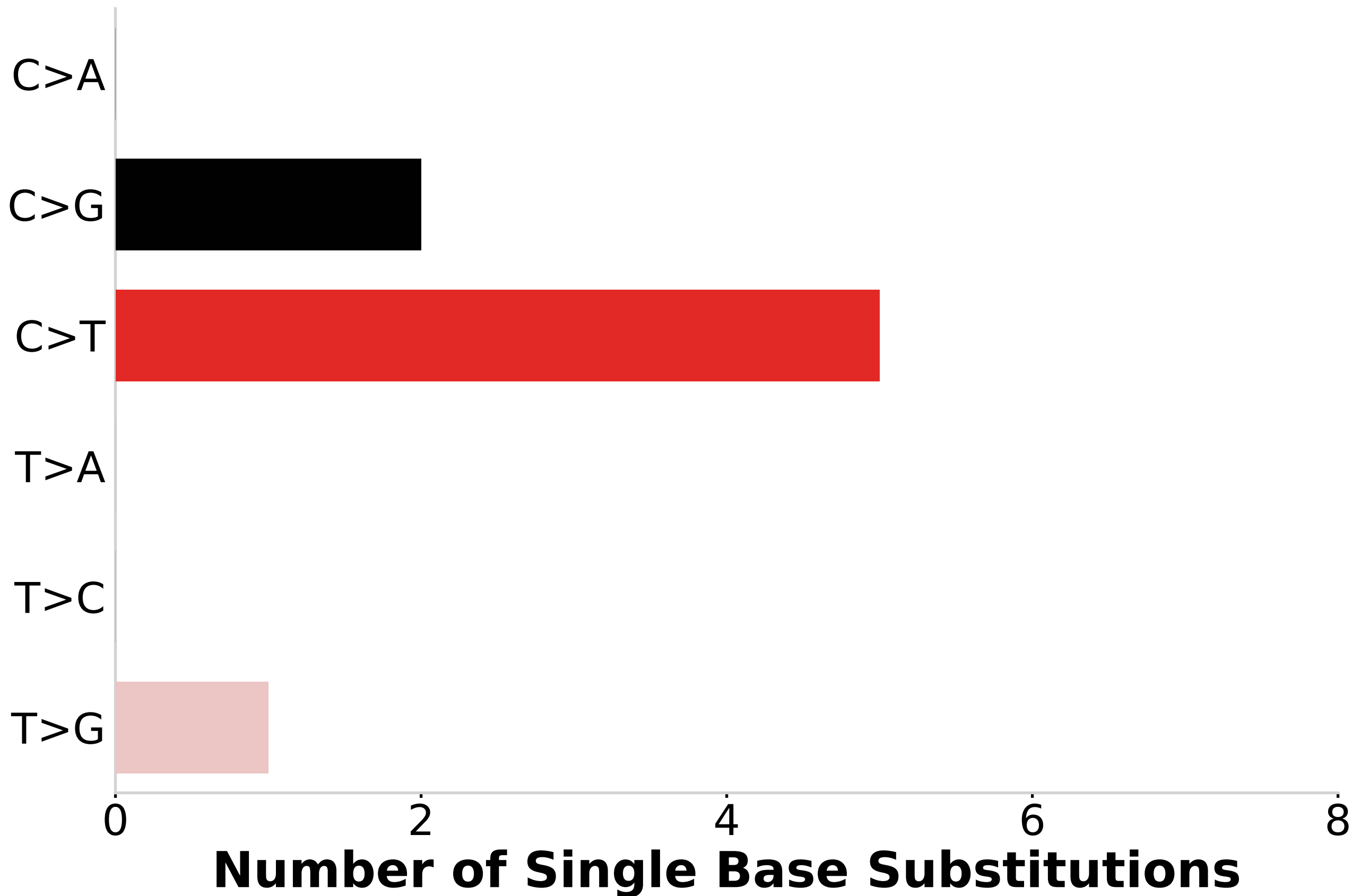
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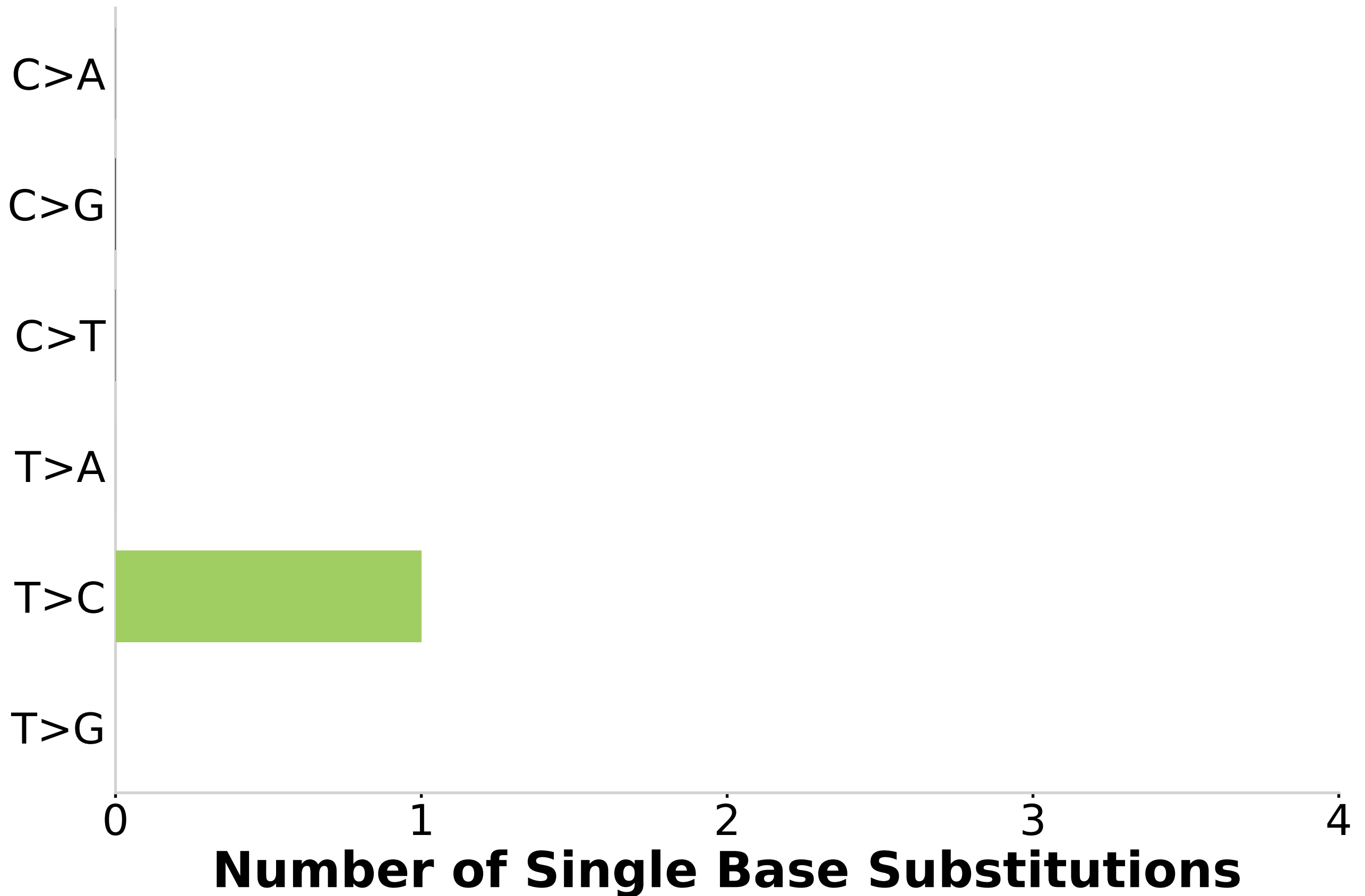
Number of Single Base Substitutions



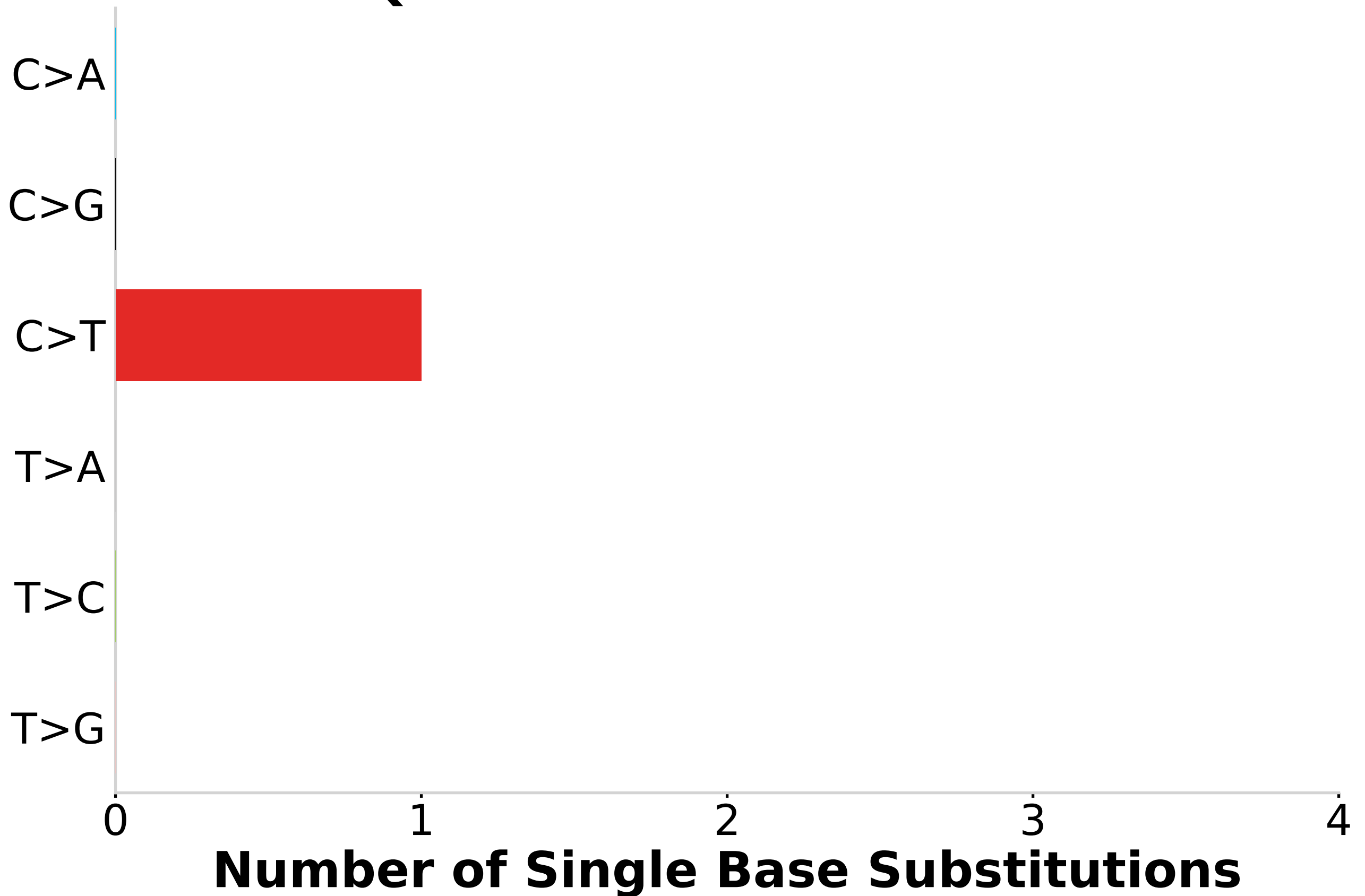
TCGA-AO-A1KS-01A-11D-A13L-09: 8 subs



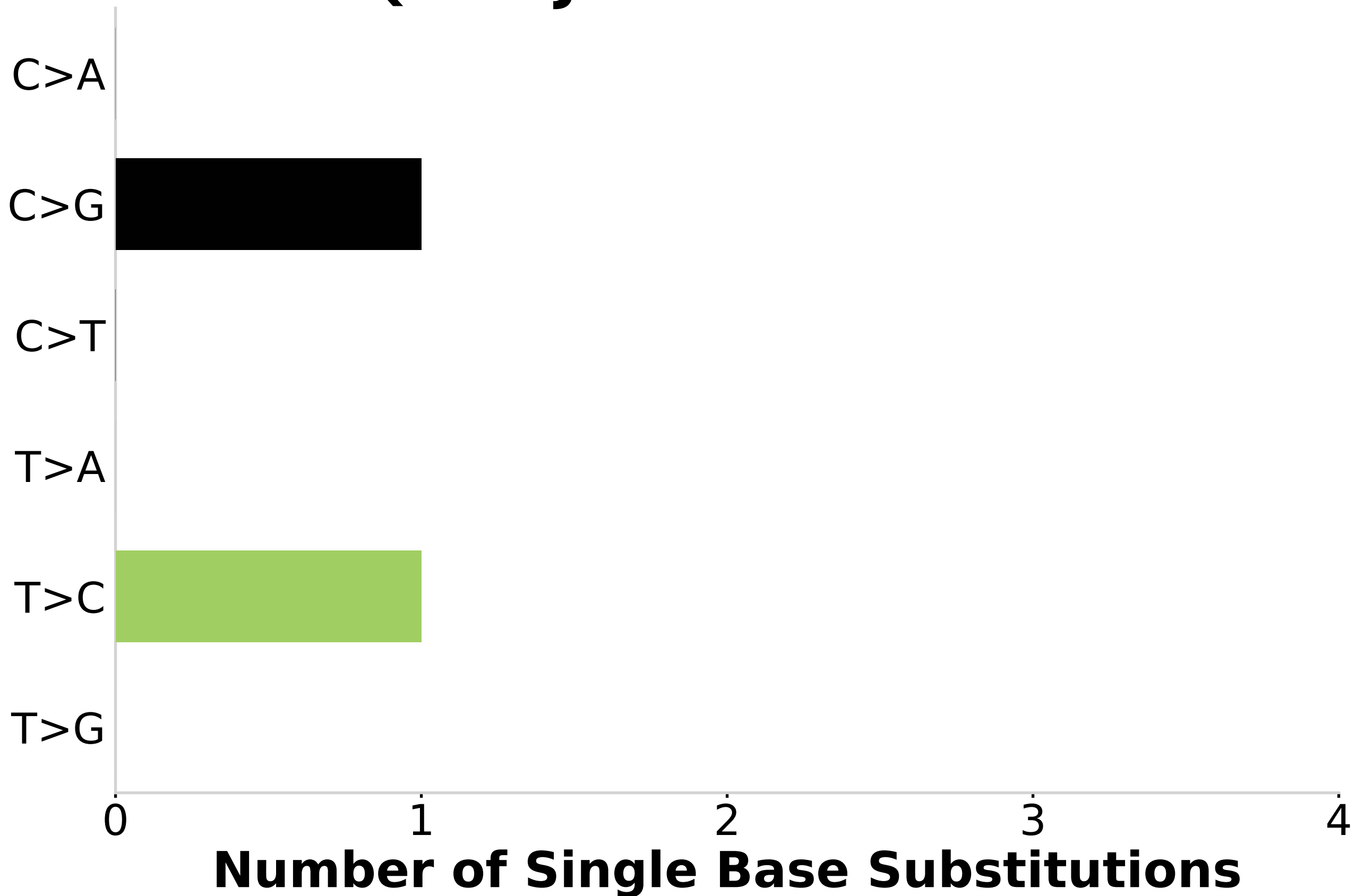
TCGA-AO-A1KT-01A-11D-A13L-09: 1 subs



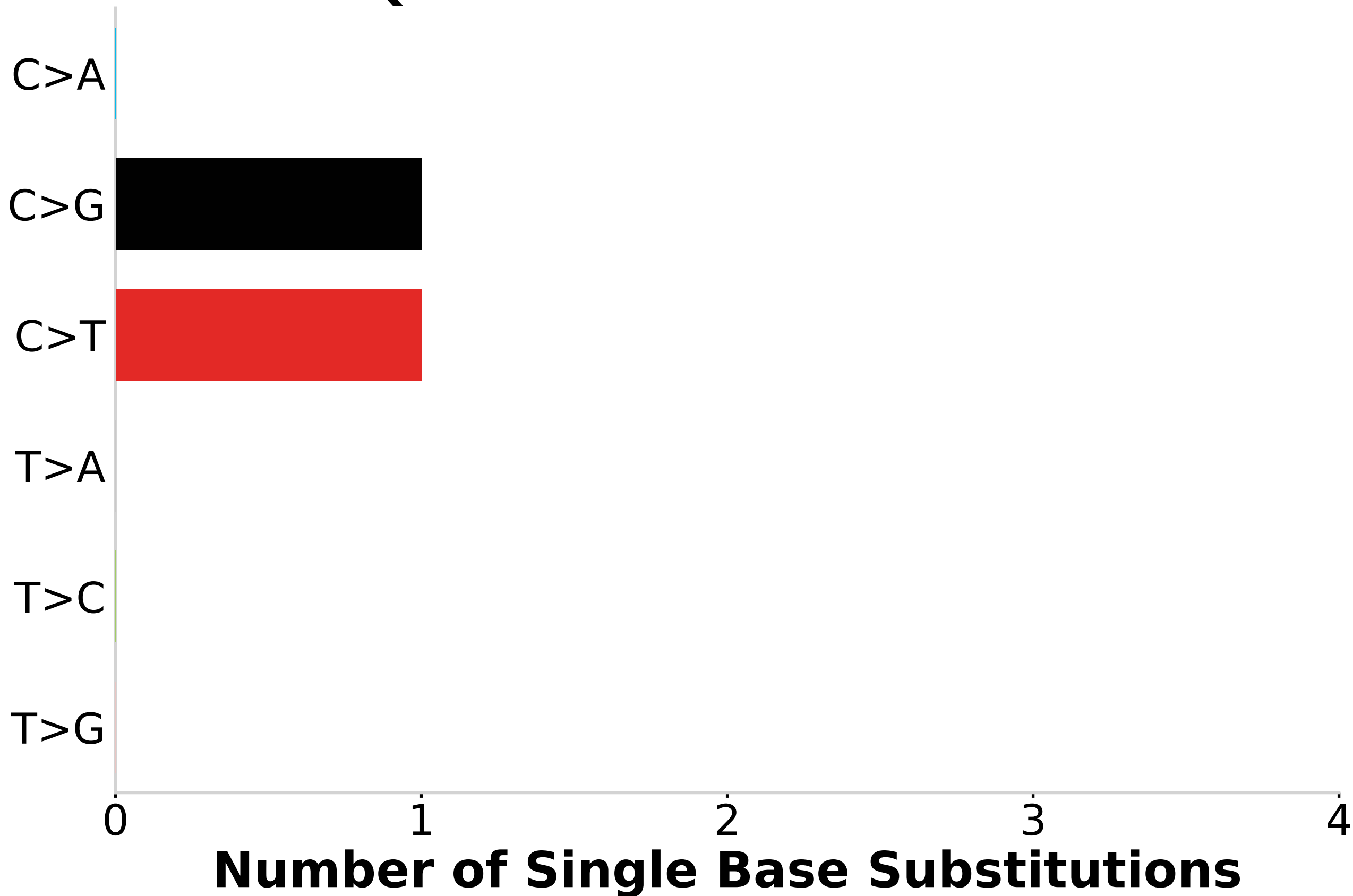
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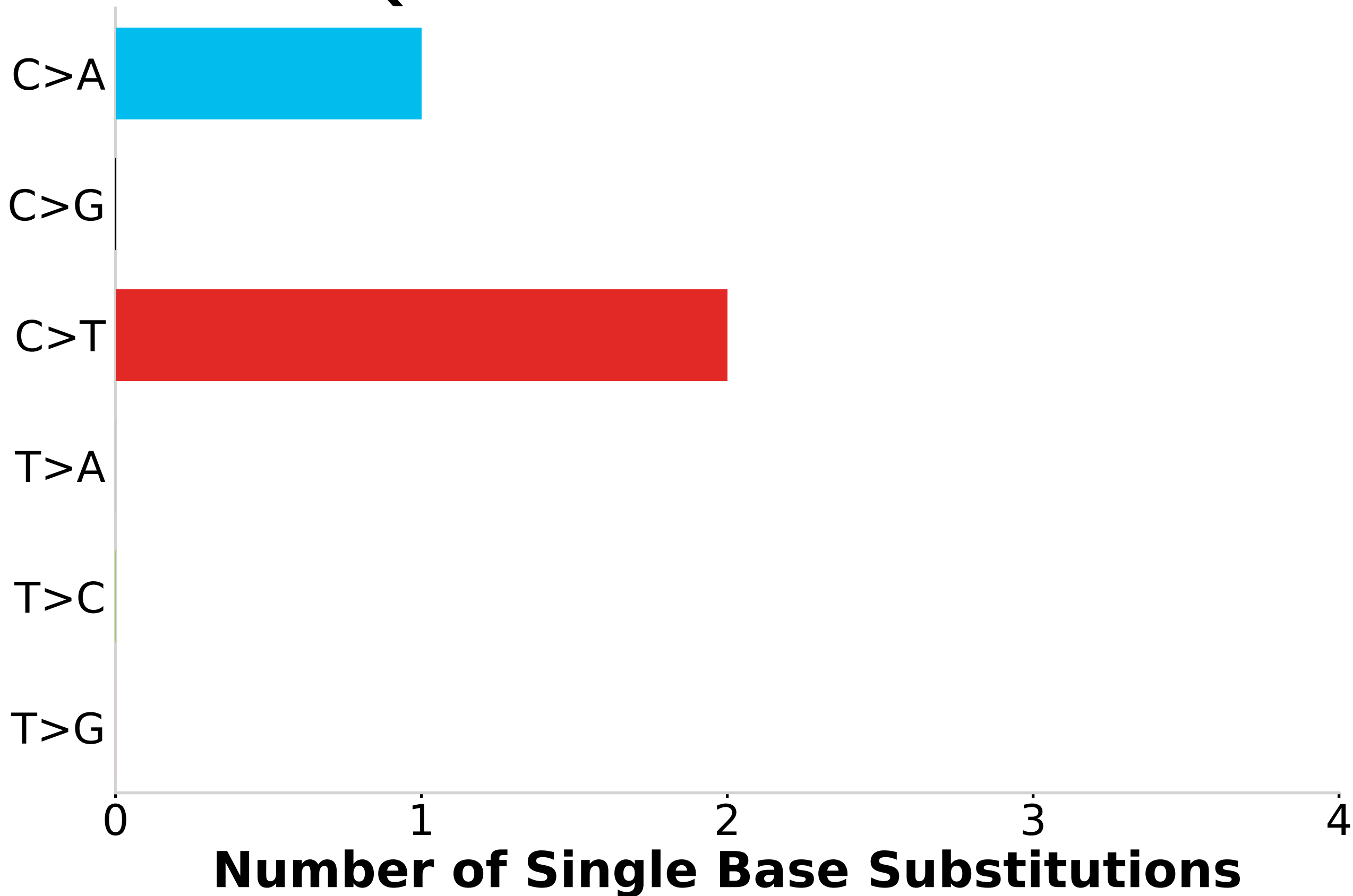
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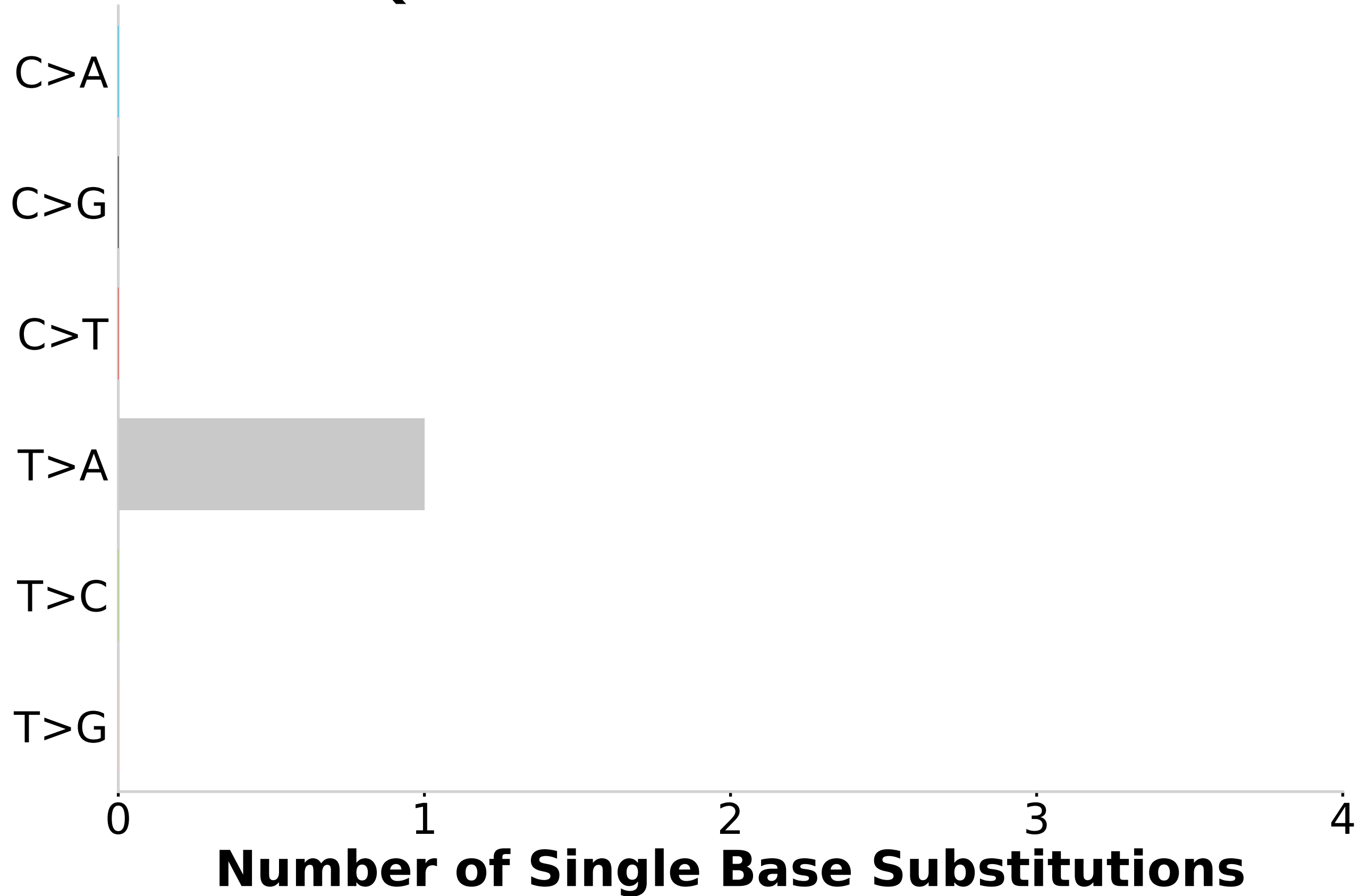
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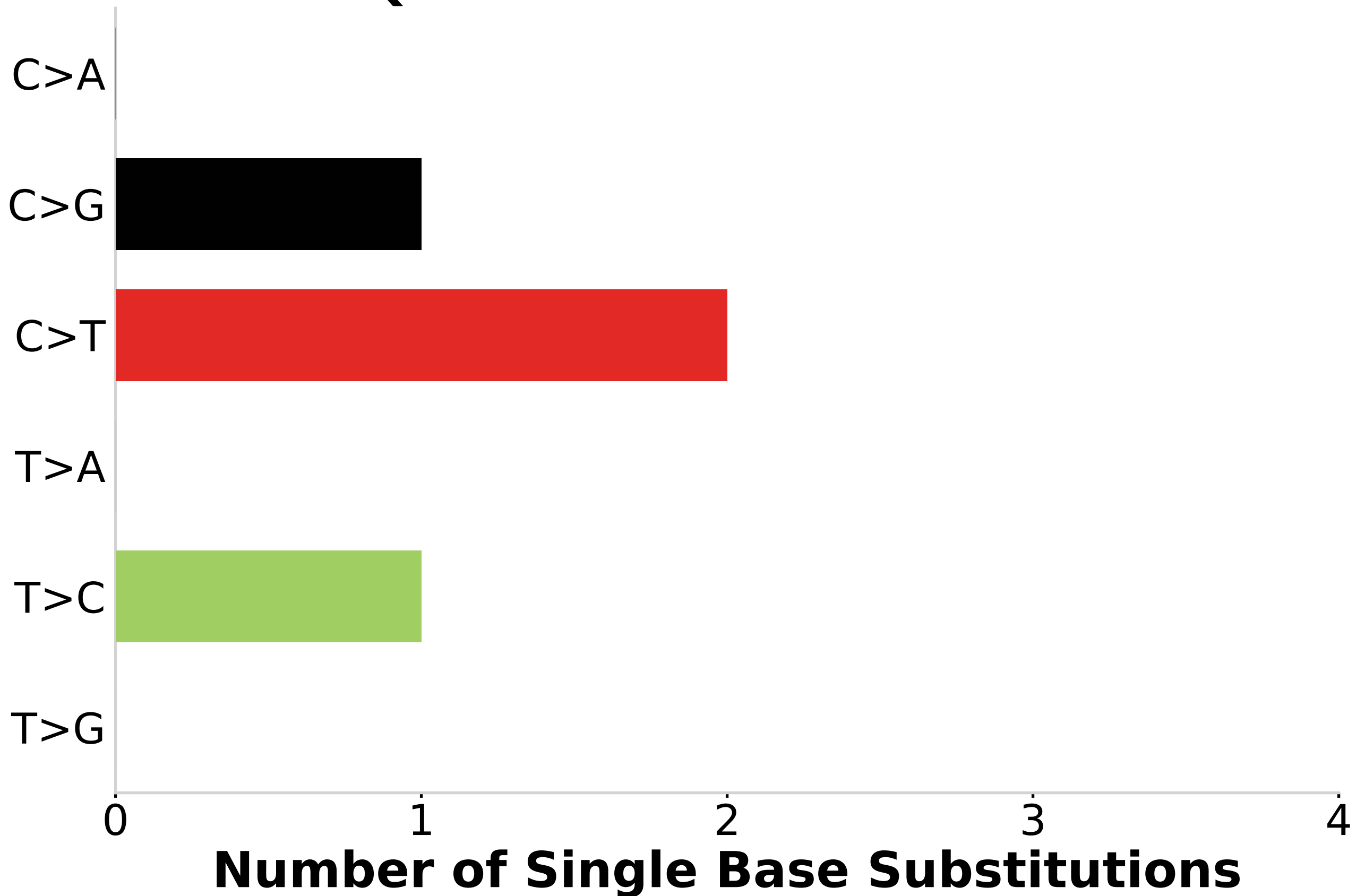
TCGA-AQ-A1H2-01A-11D-A13L-09: 3 subs



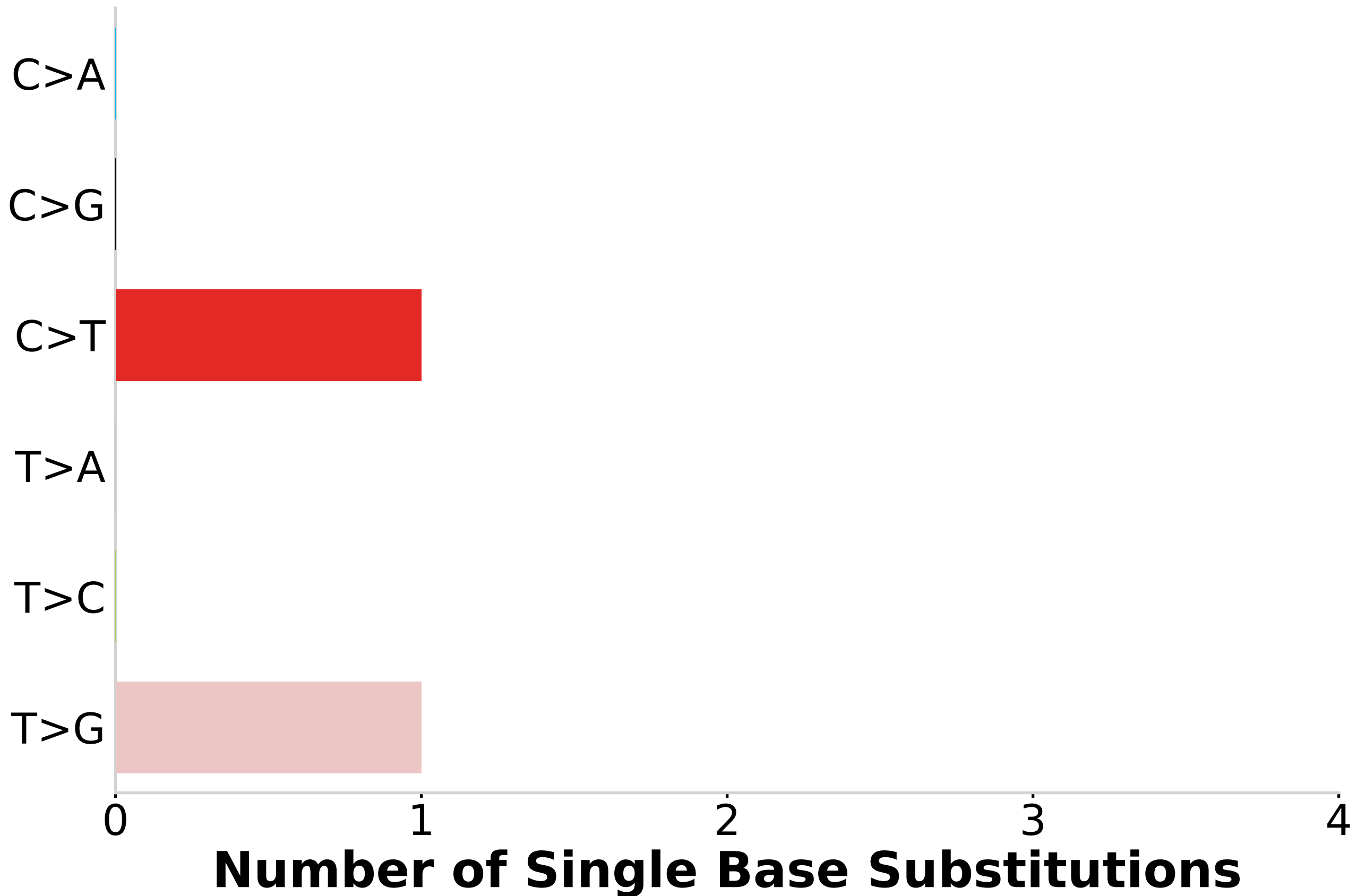
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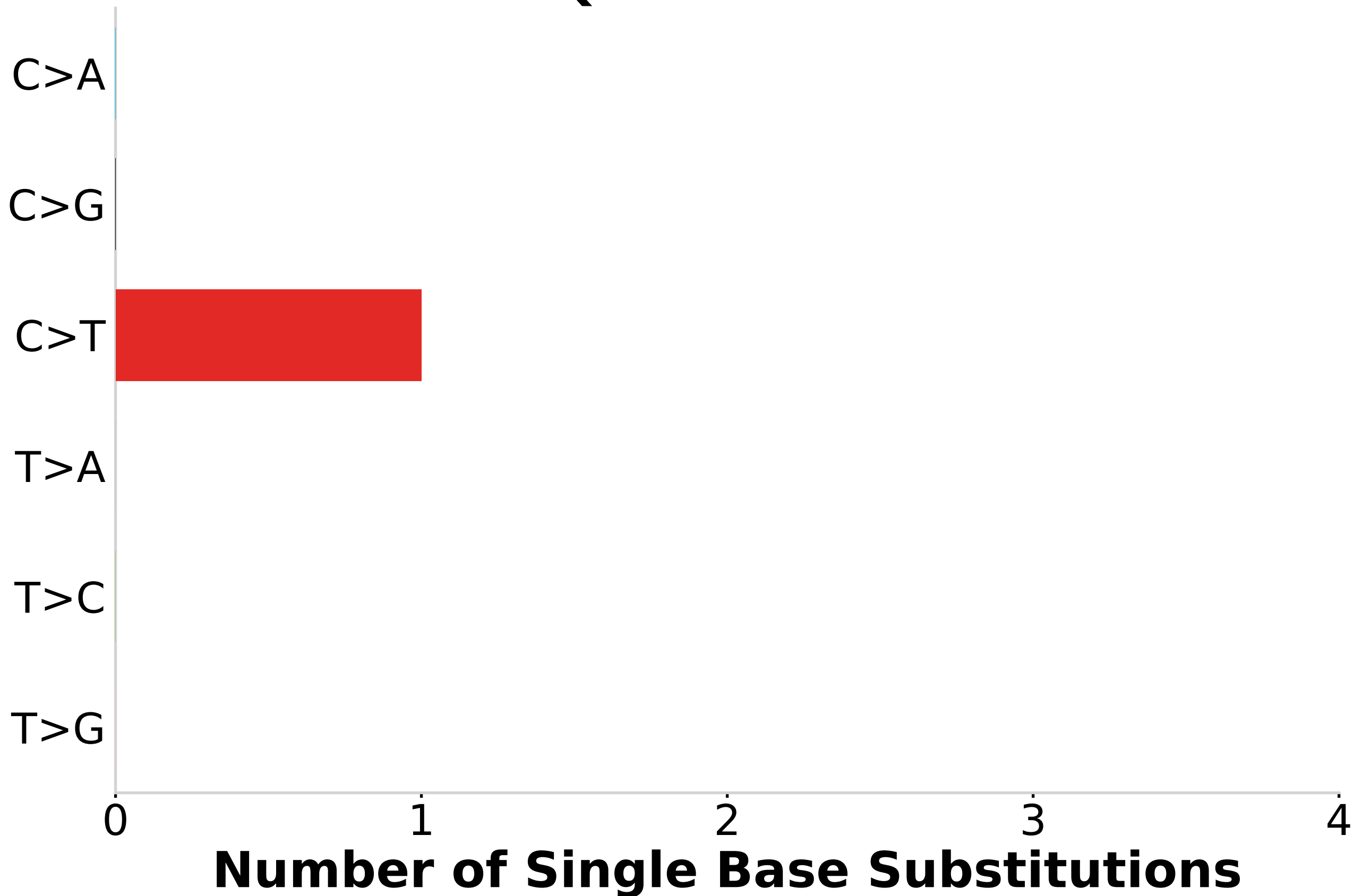
TCGA-AQ-A7U7-01A-22D-A351-09: 4 subs



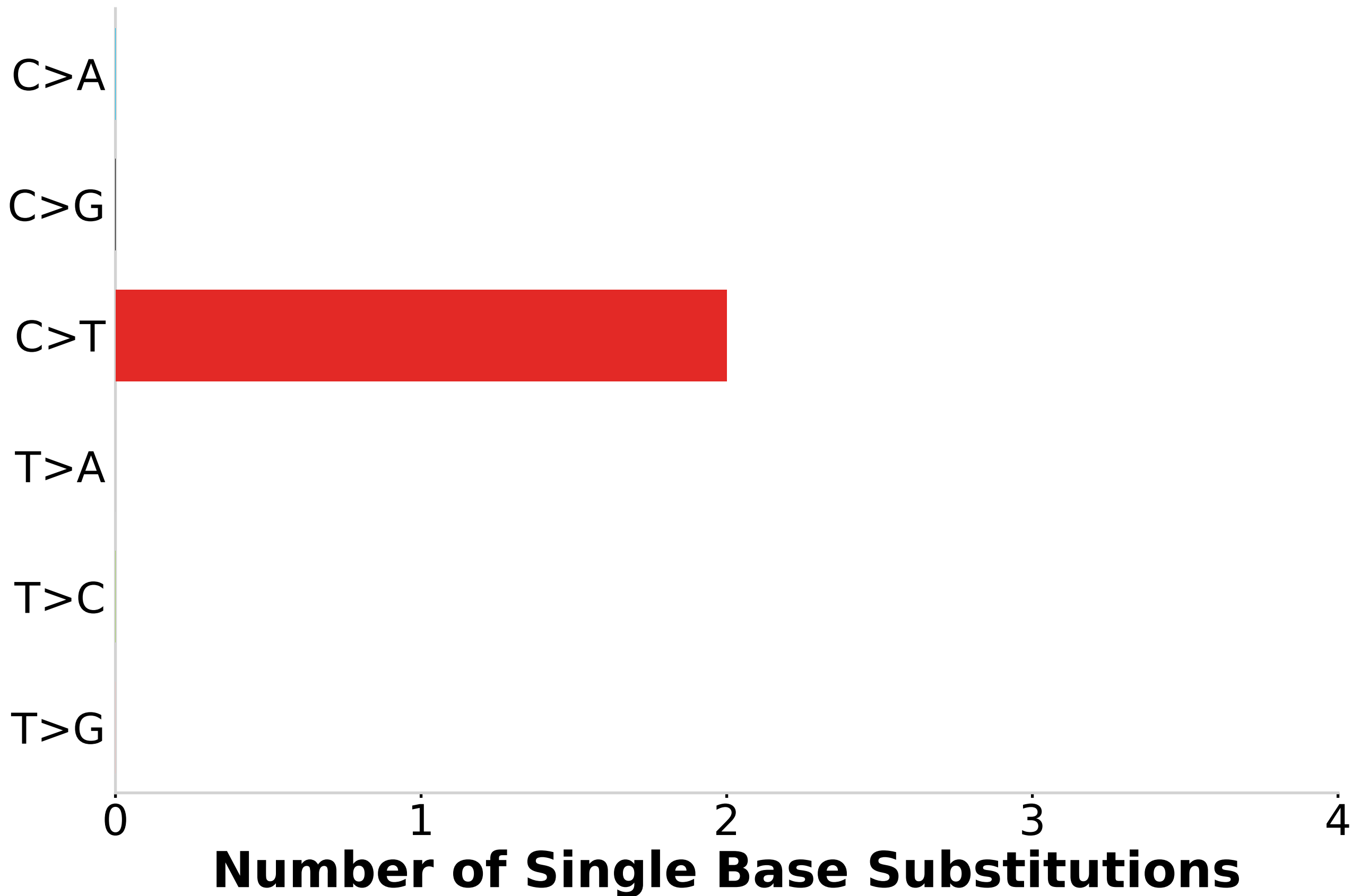
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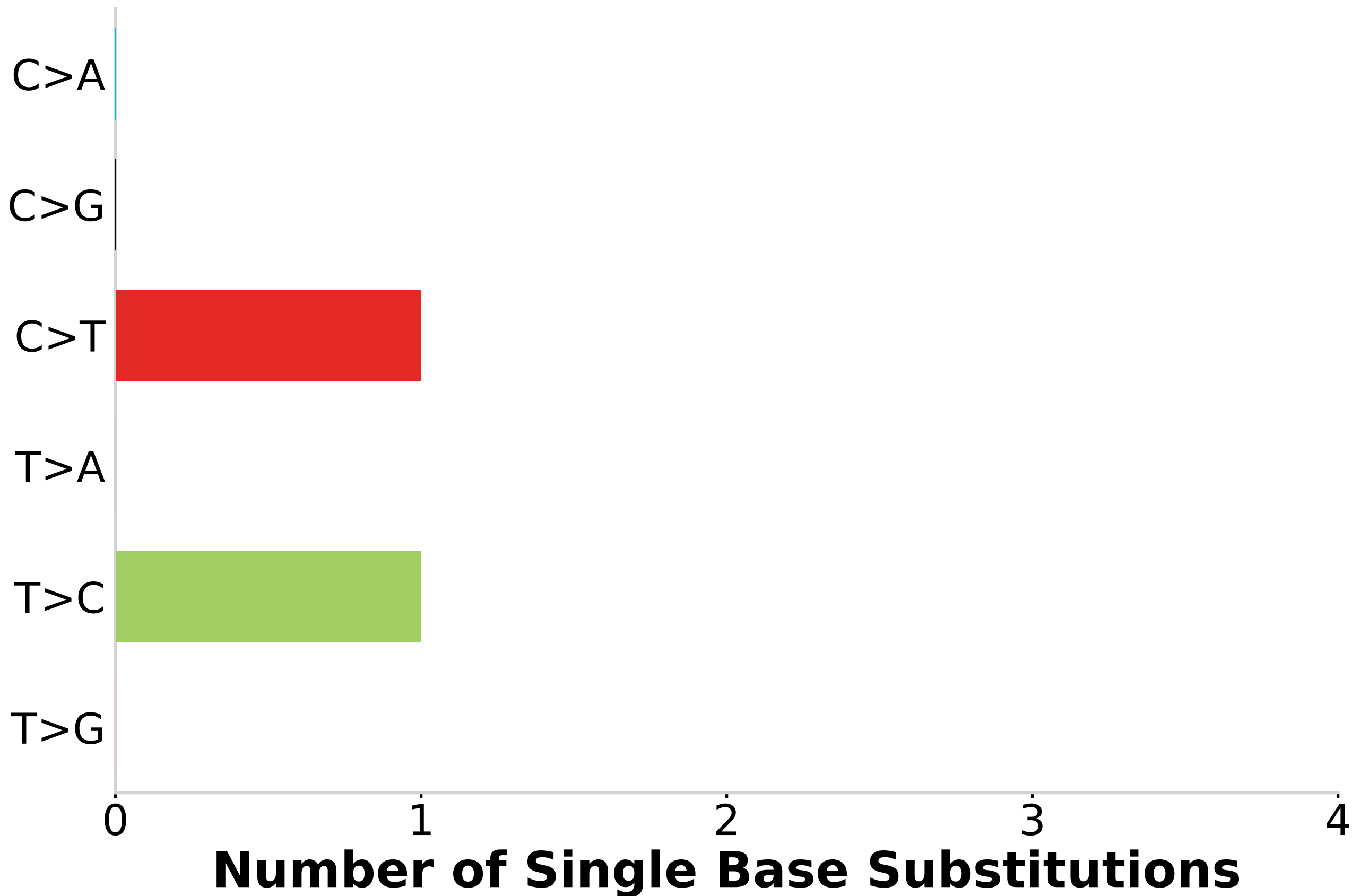
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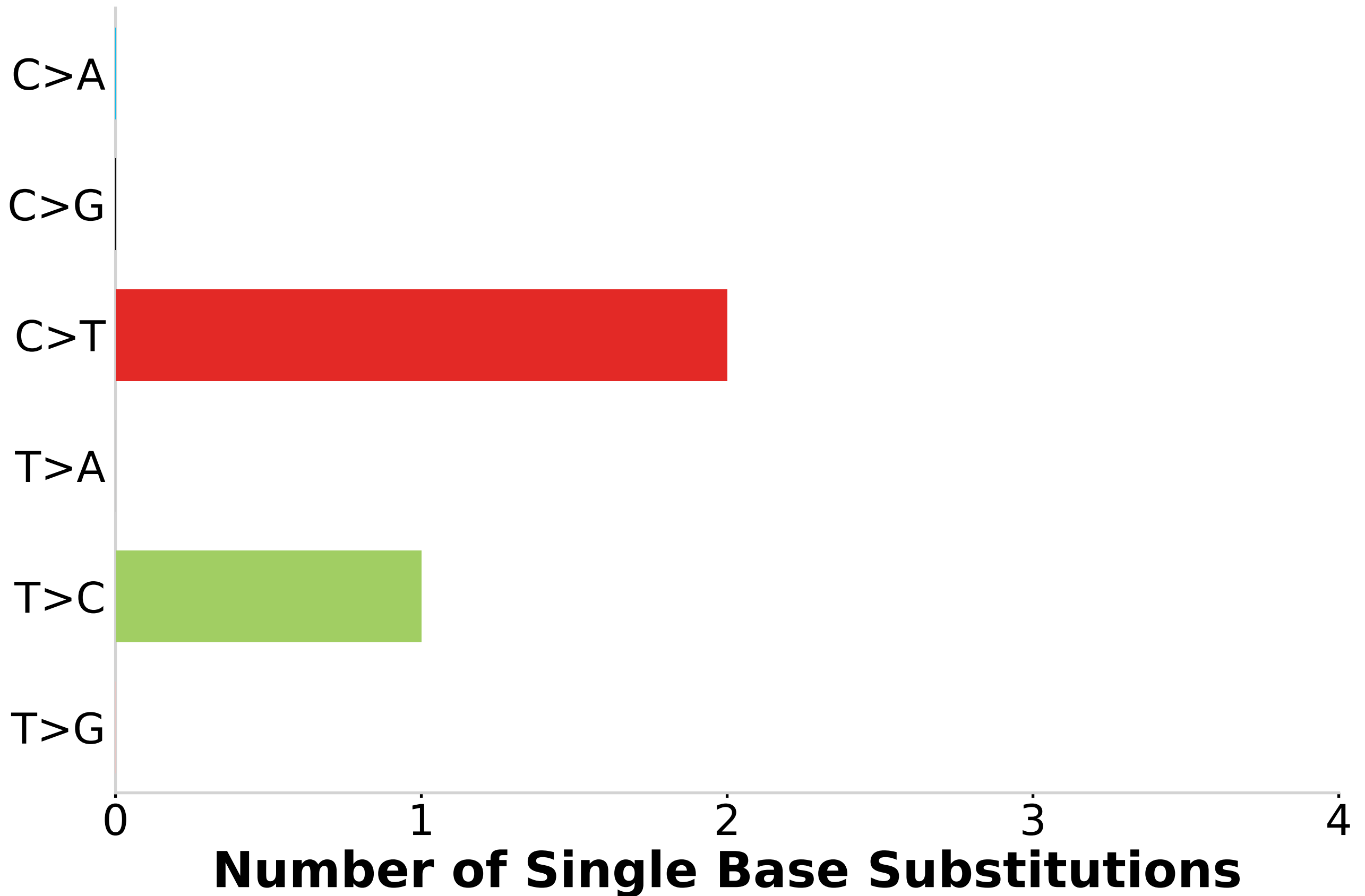
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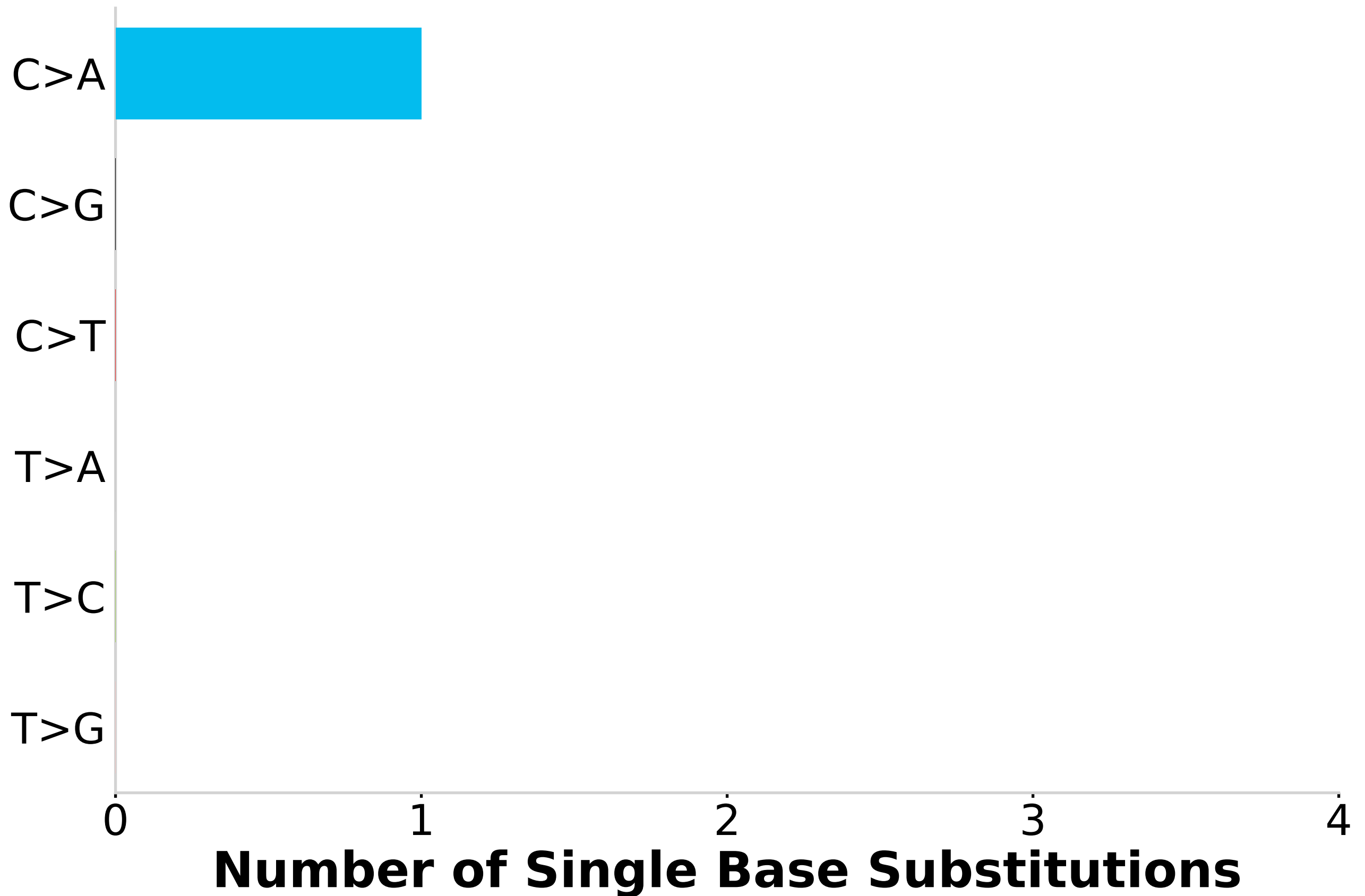
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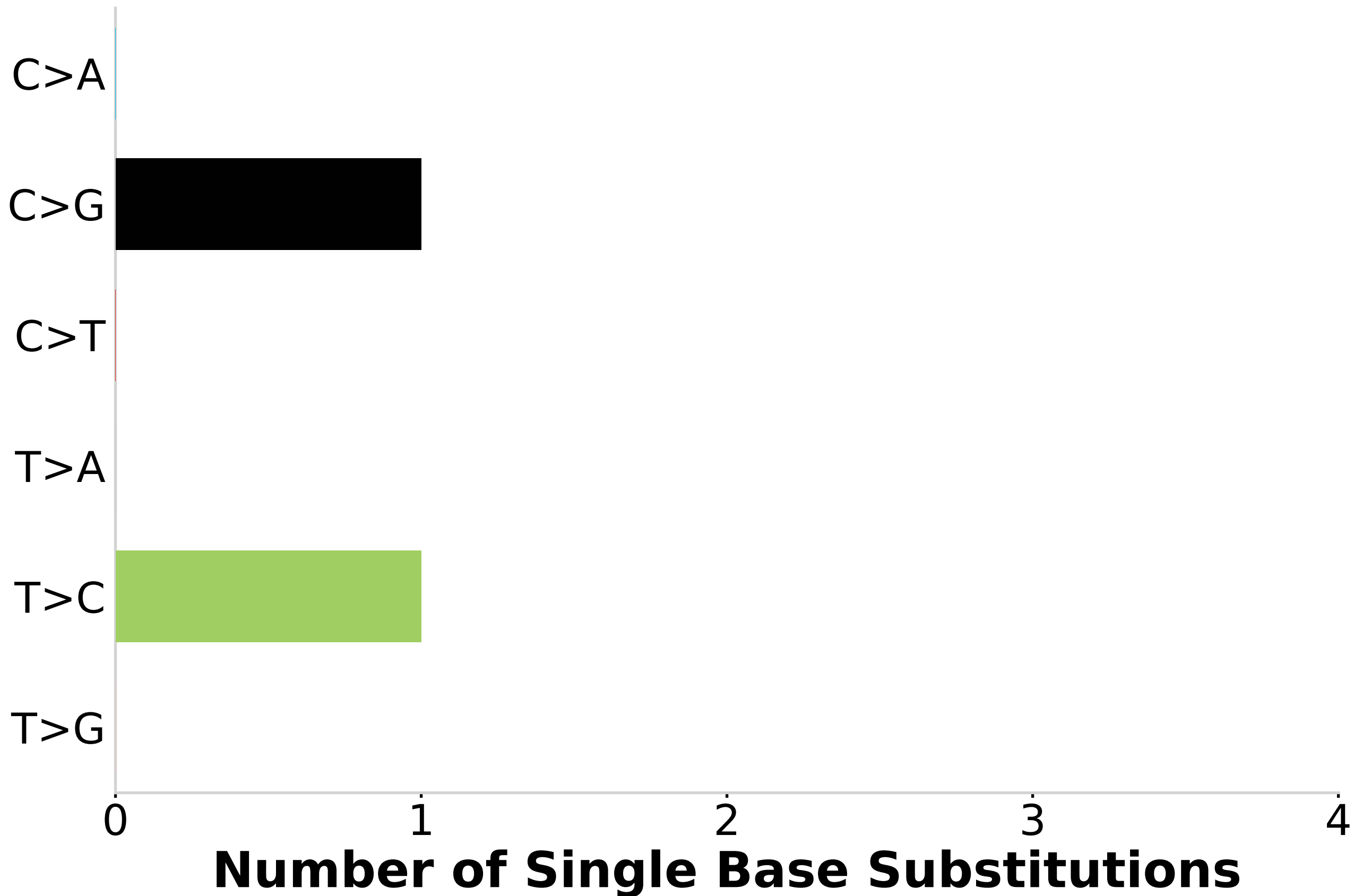
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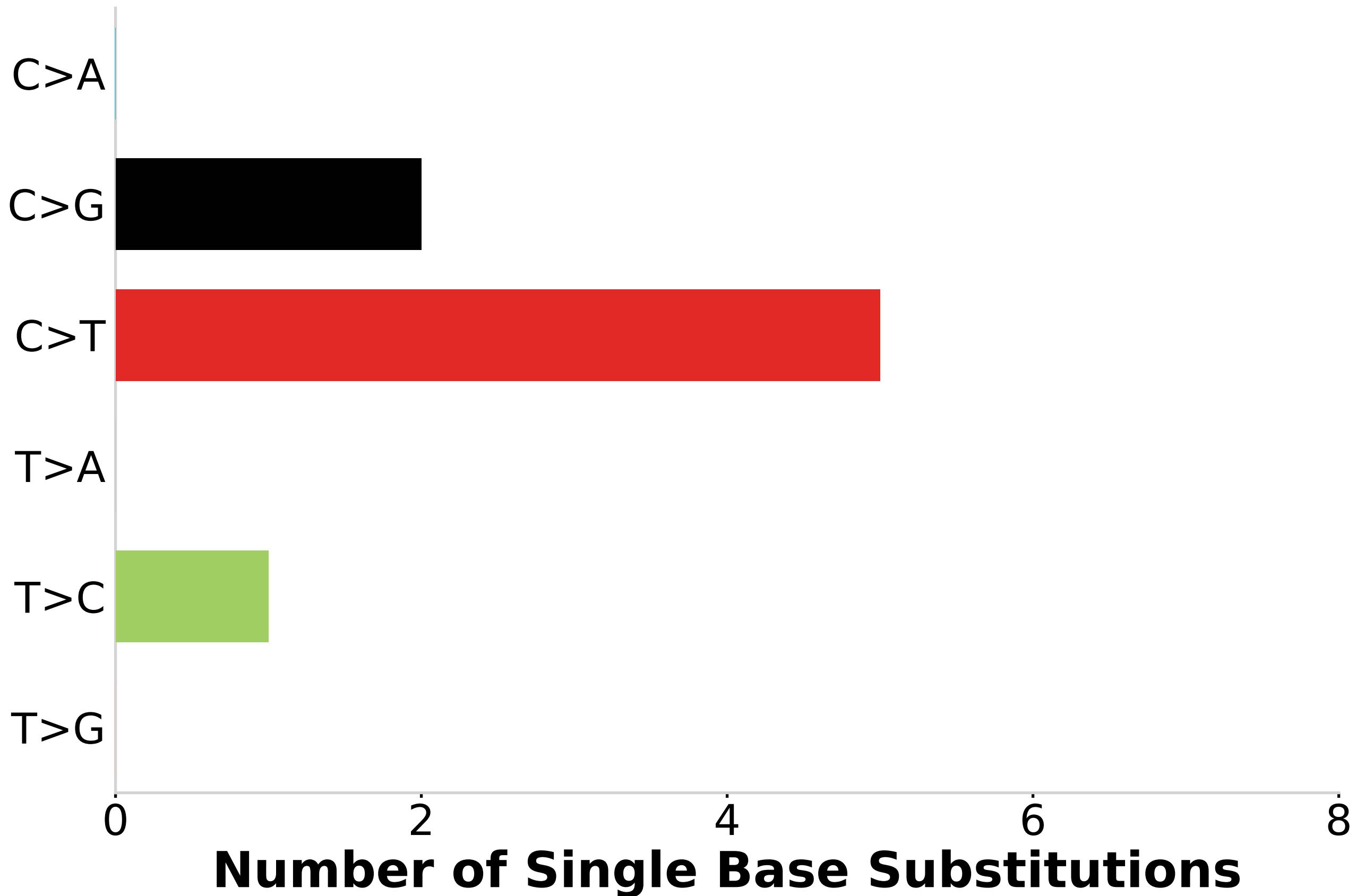
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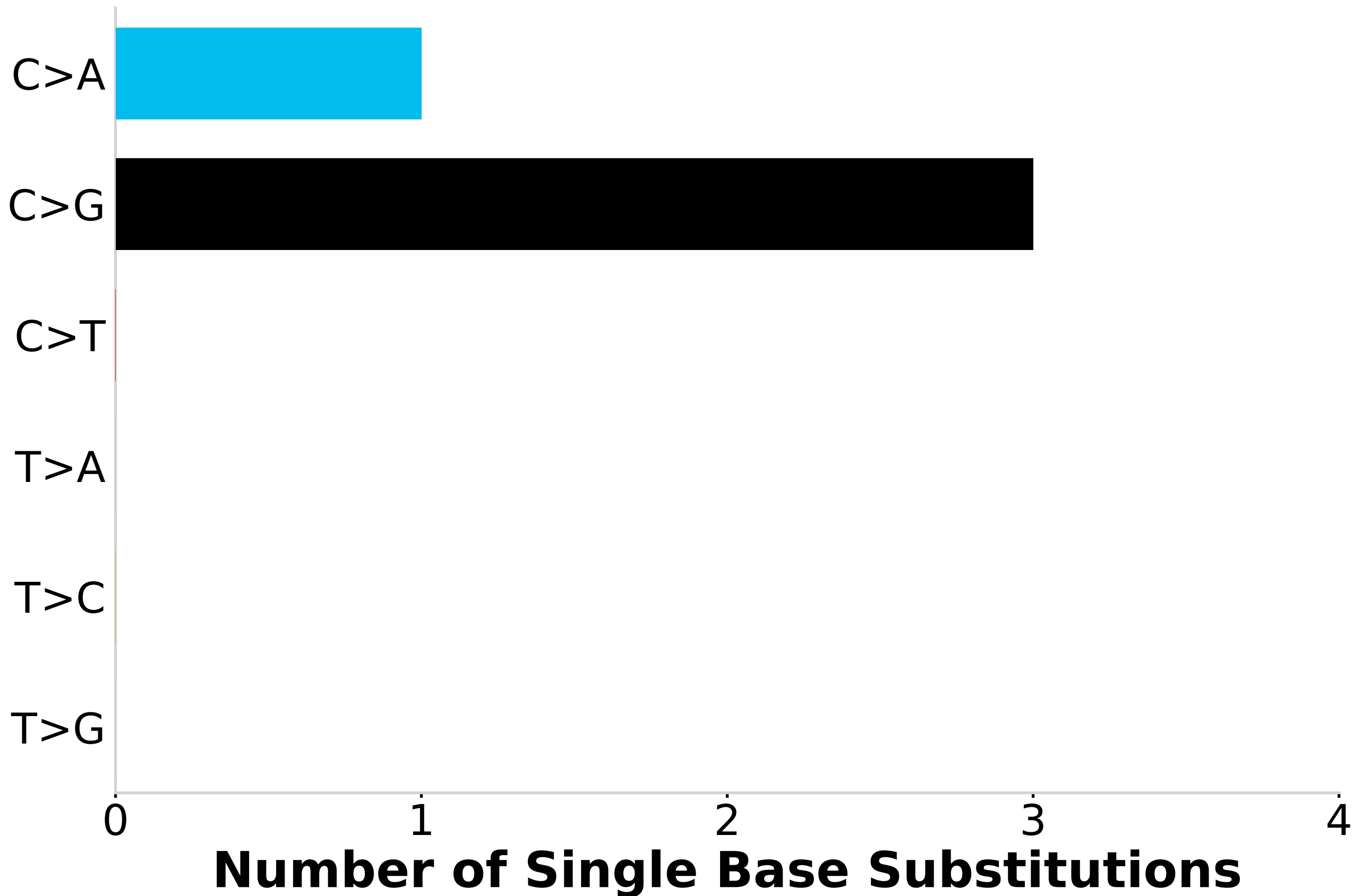
TCGA-AR-A0TW-01A-11D-A099-09: 2 subs



TCGA-AR-A0TX-01A-11D-A099-09: 8 subs



TCGA-AR-A0TY-01A-12W-A12T-09: 4 subs



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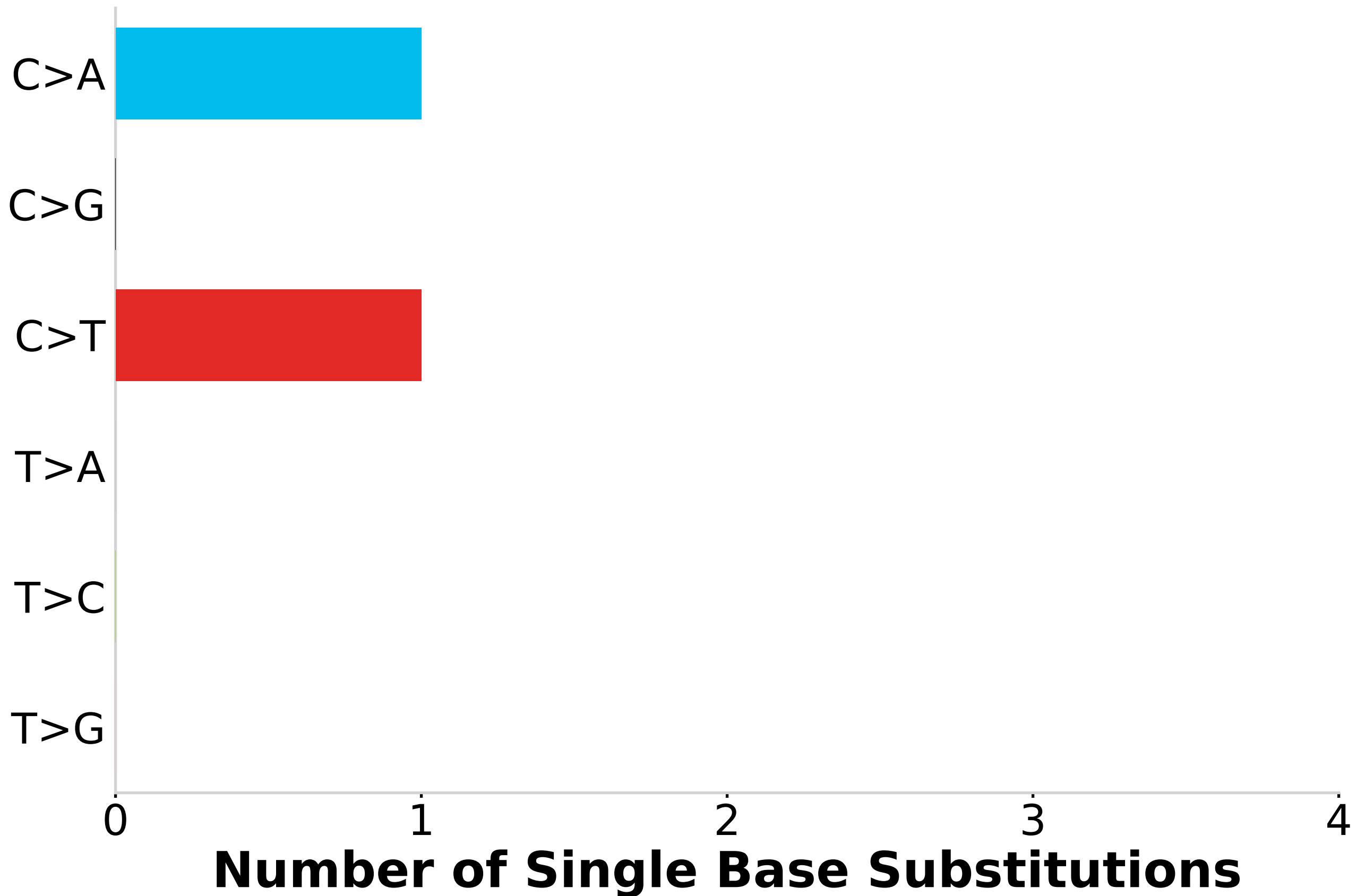
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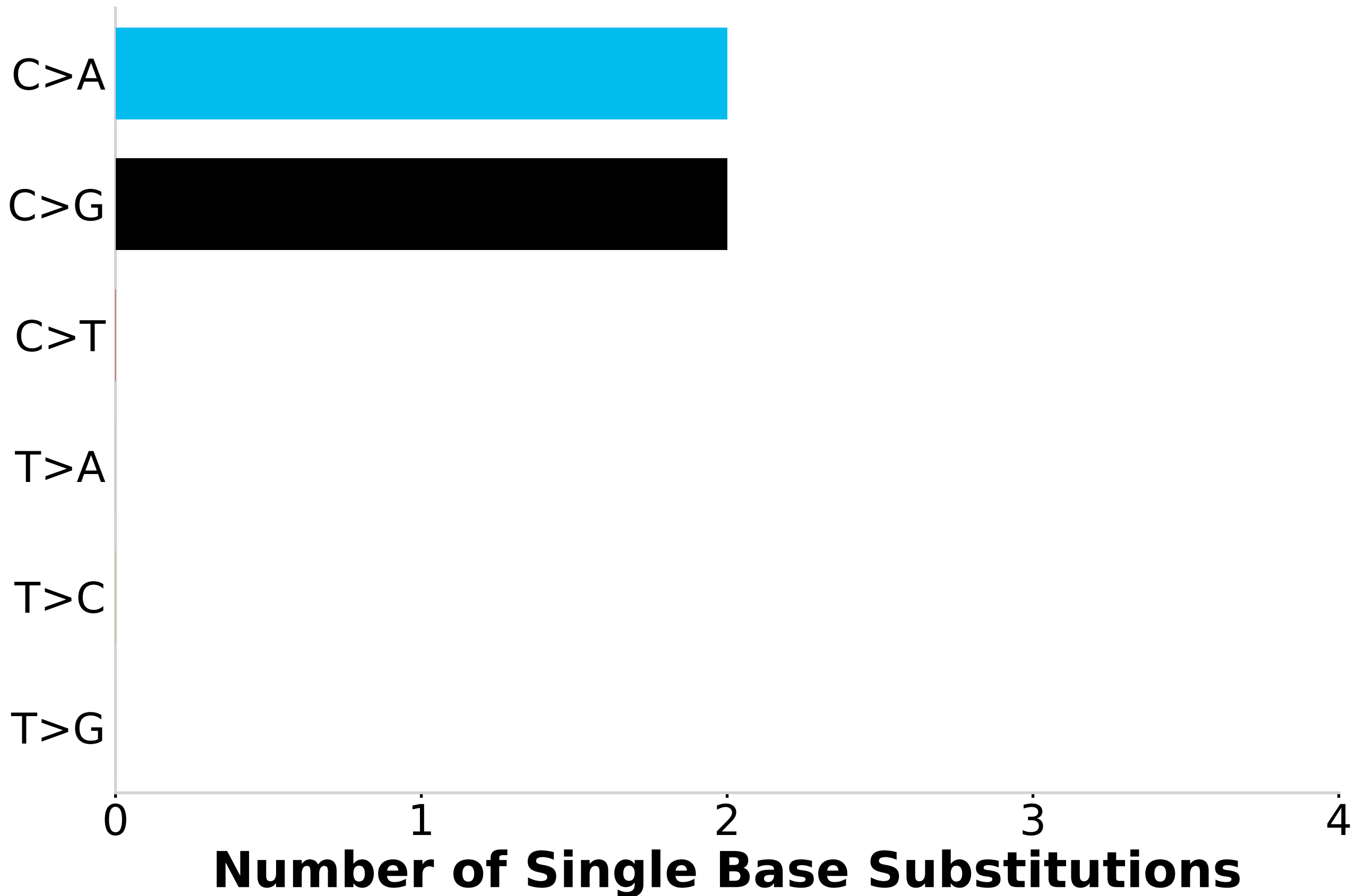
Number of Single Base Substitutions



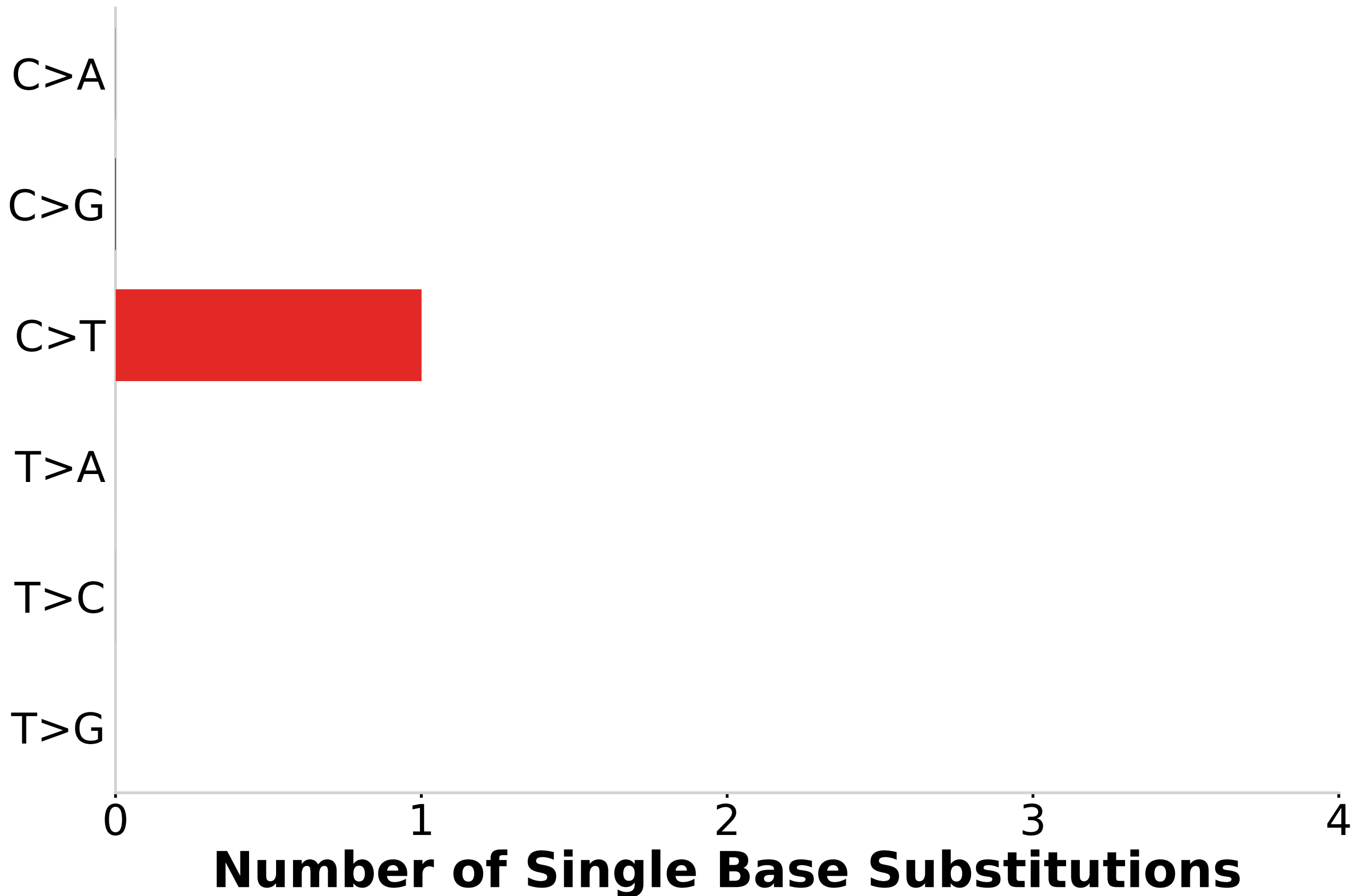
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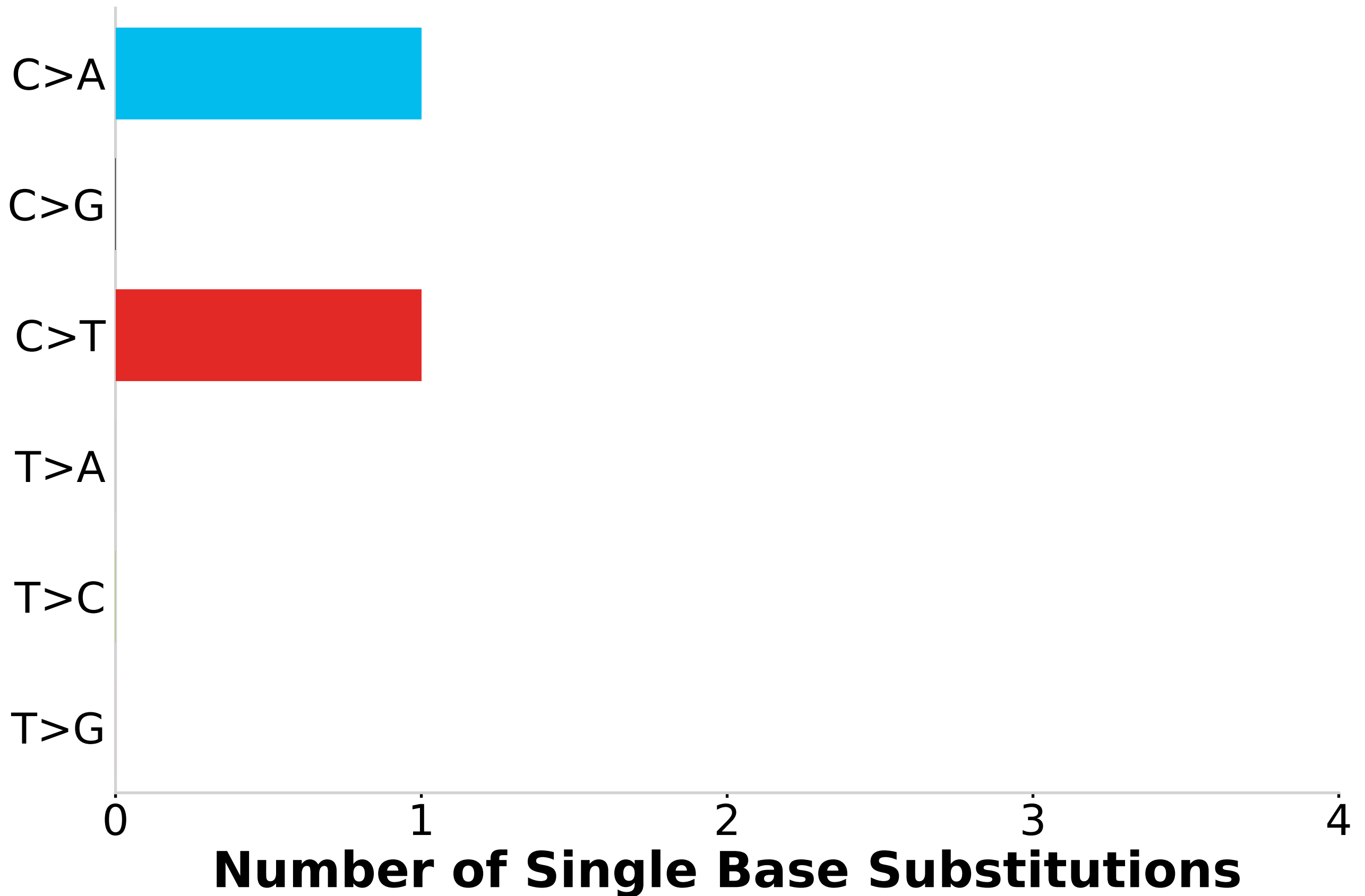
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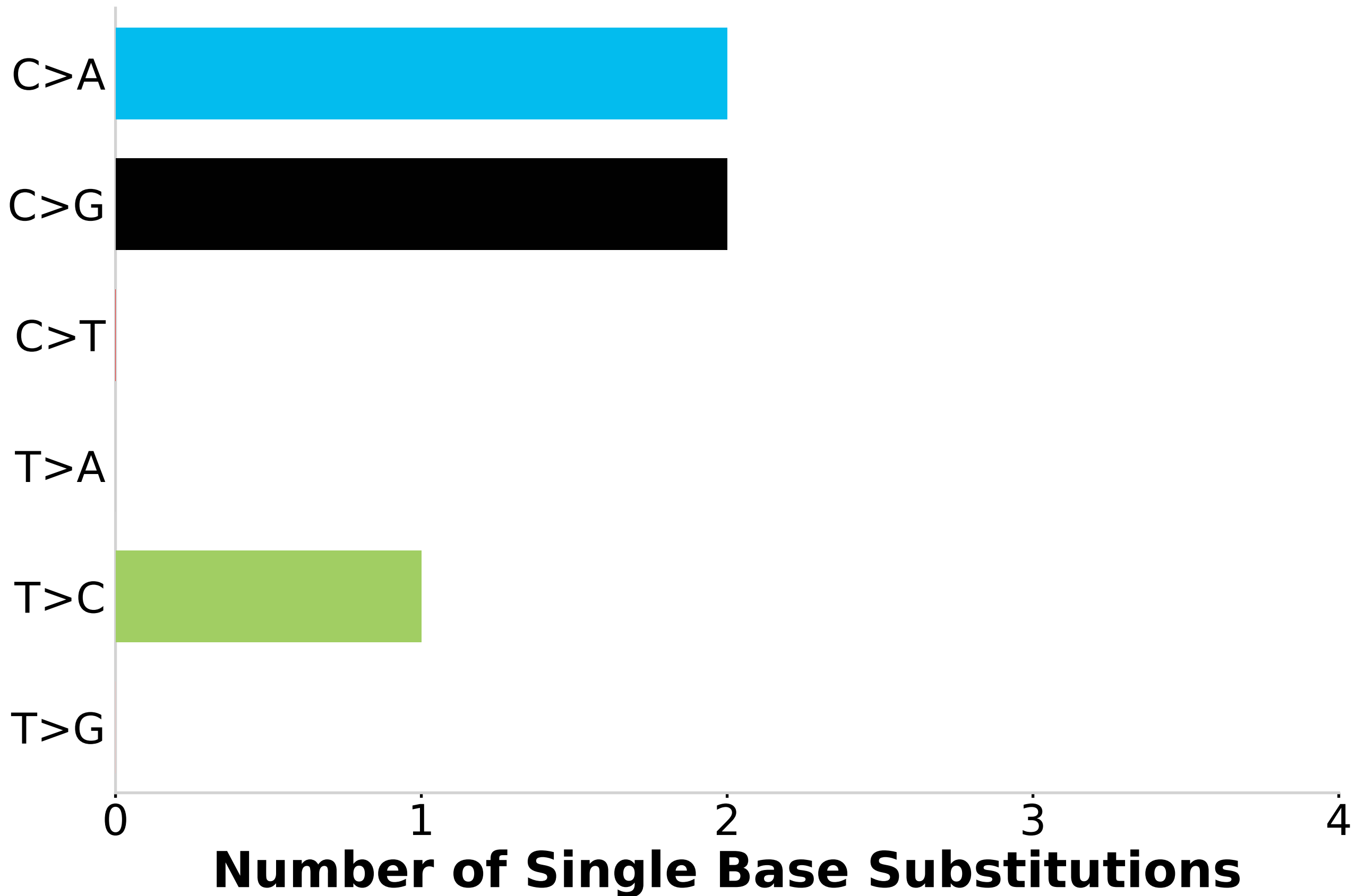
TCGA-AR-A0U2-01A-11D-A10G-09: 1 subs



TCGA-AR-A0U3-01A-11D-A10G-09: 2 subs



TCGA-AR-A1AH-01A-11D-A12B-09: 5 subs



TCGA-AR-A1AI-01A-11D-A12Q-09: 3 subs

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Number of Single Base Substitutions



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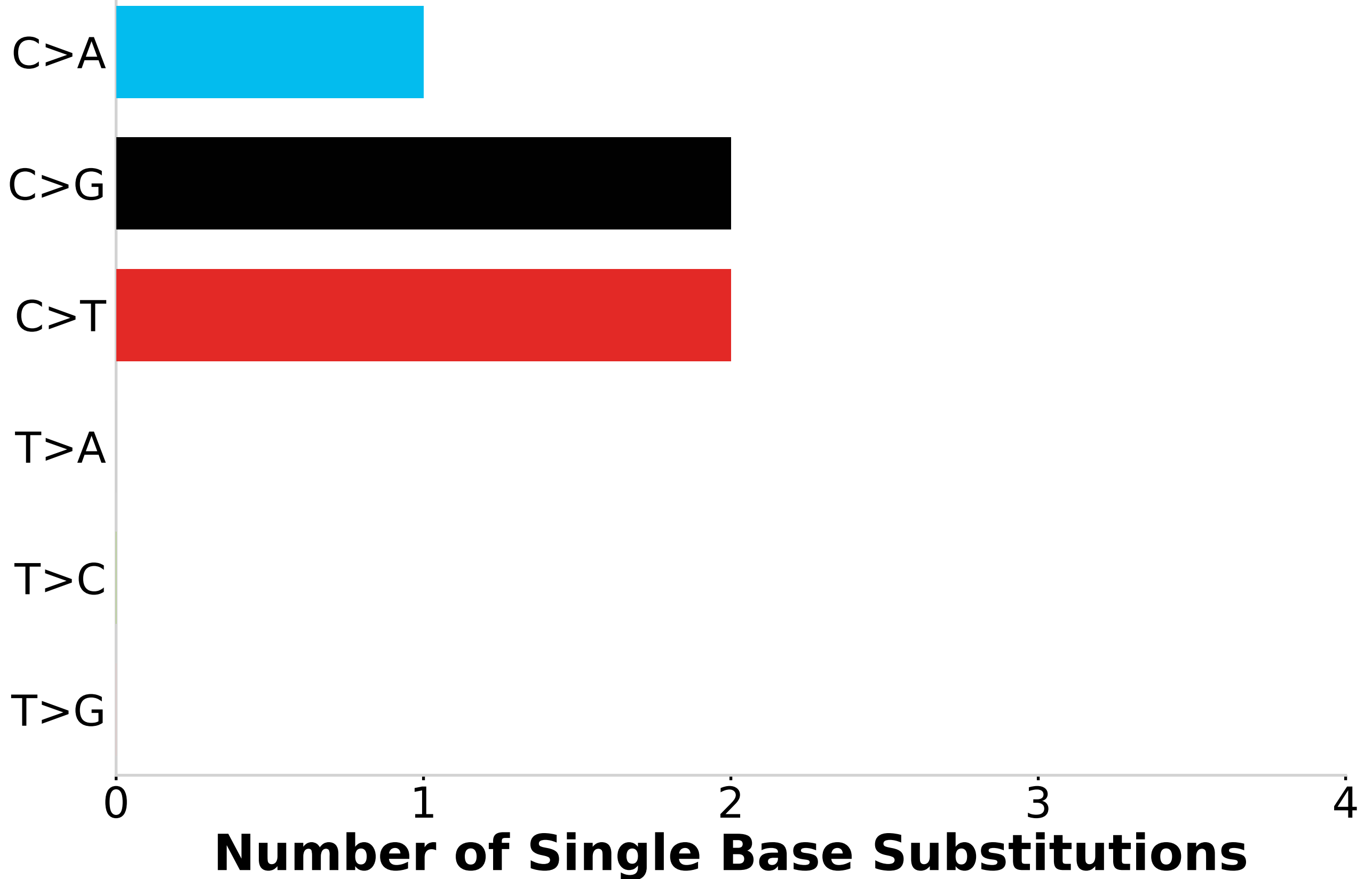
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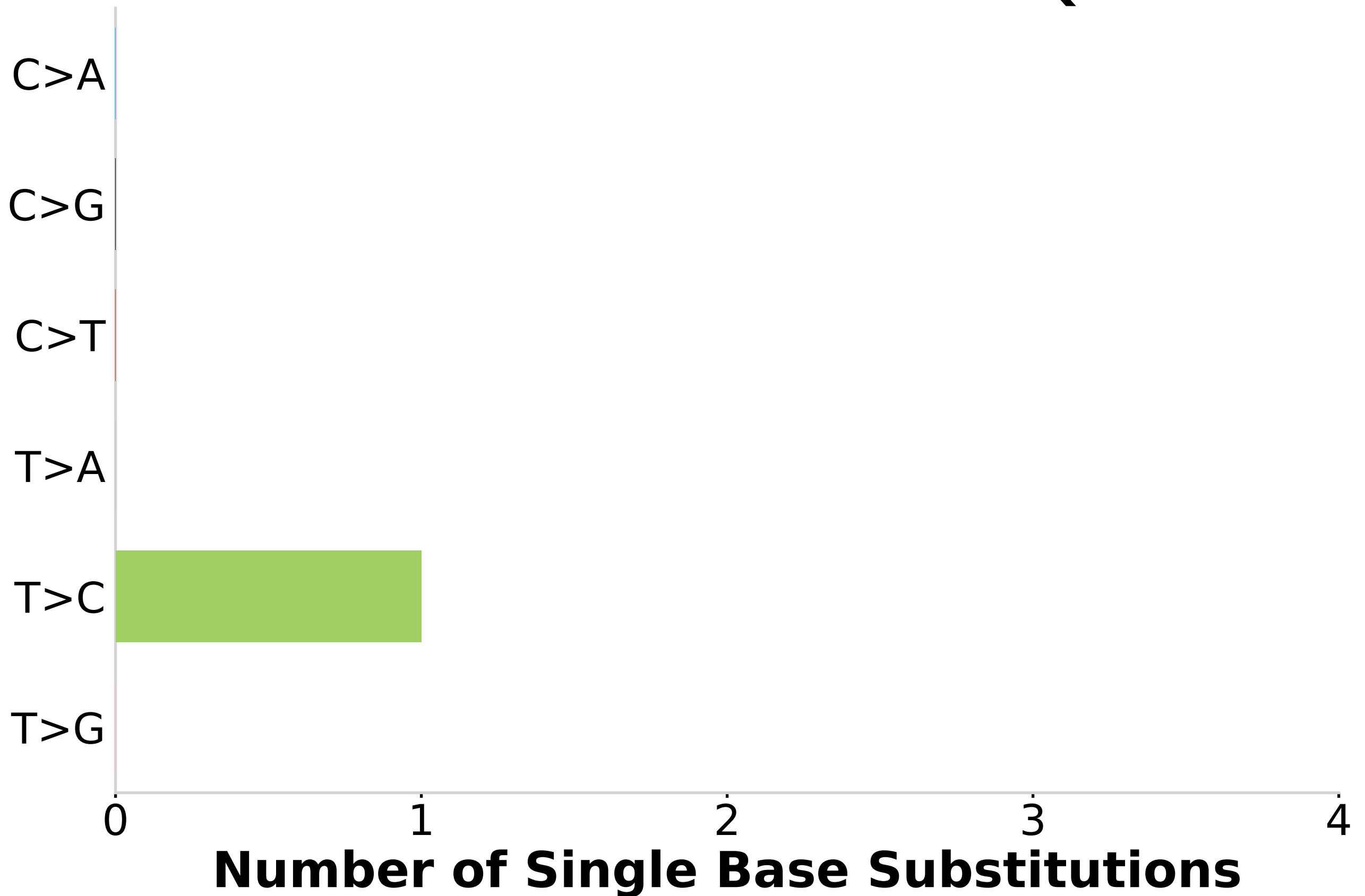
Number of Single Base Substitutions



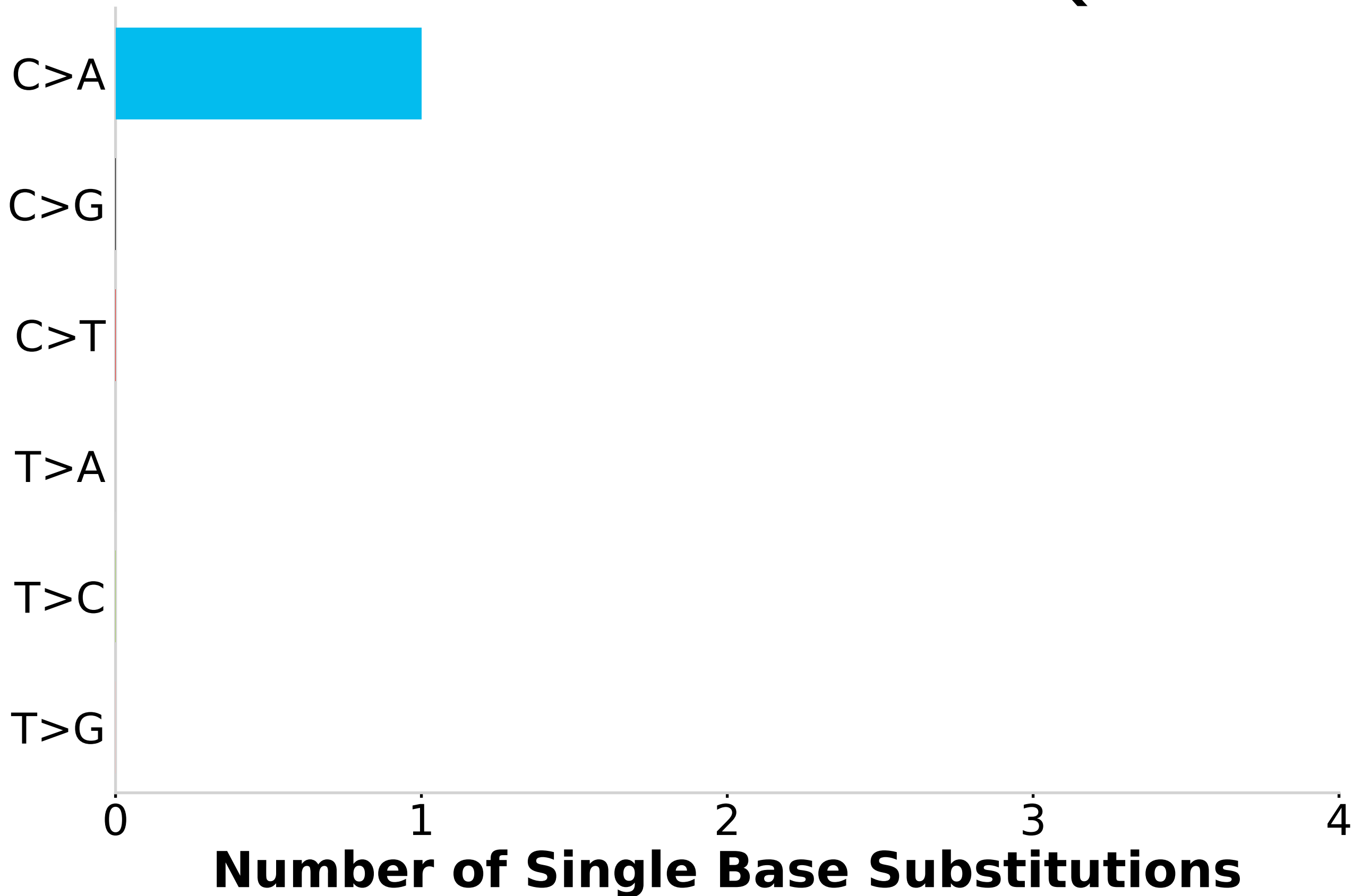
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TCGA-AR-A1AL-01A-21D-A12Q-09: 1 subs



TCGA-AR-A1AN-01A-11D-A12Q-09: 1 subs



TCGA-AR-A1AO-01A-11D-A12Q-09: 4 subs

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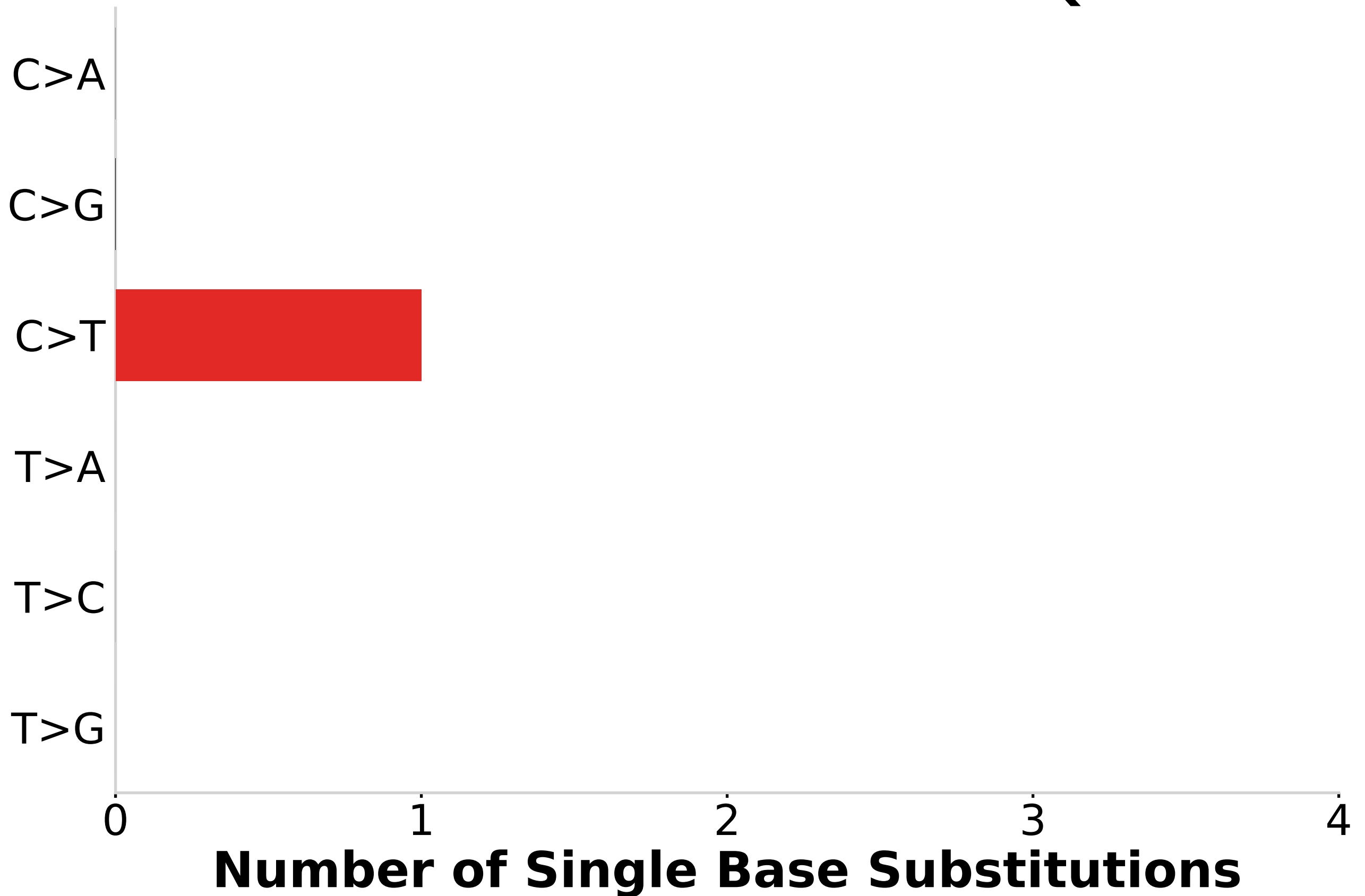
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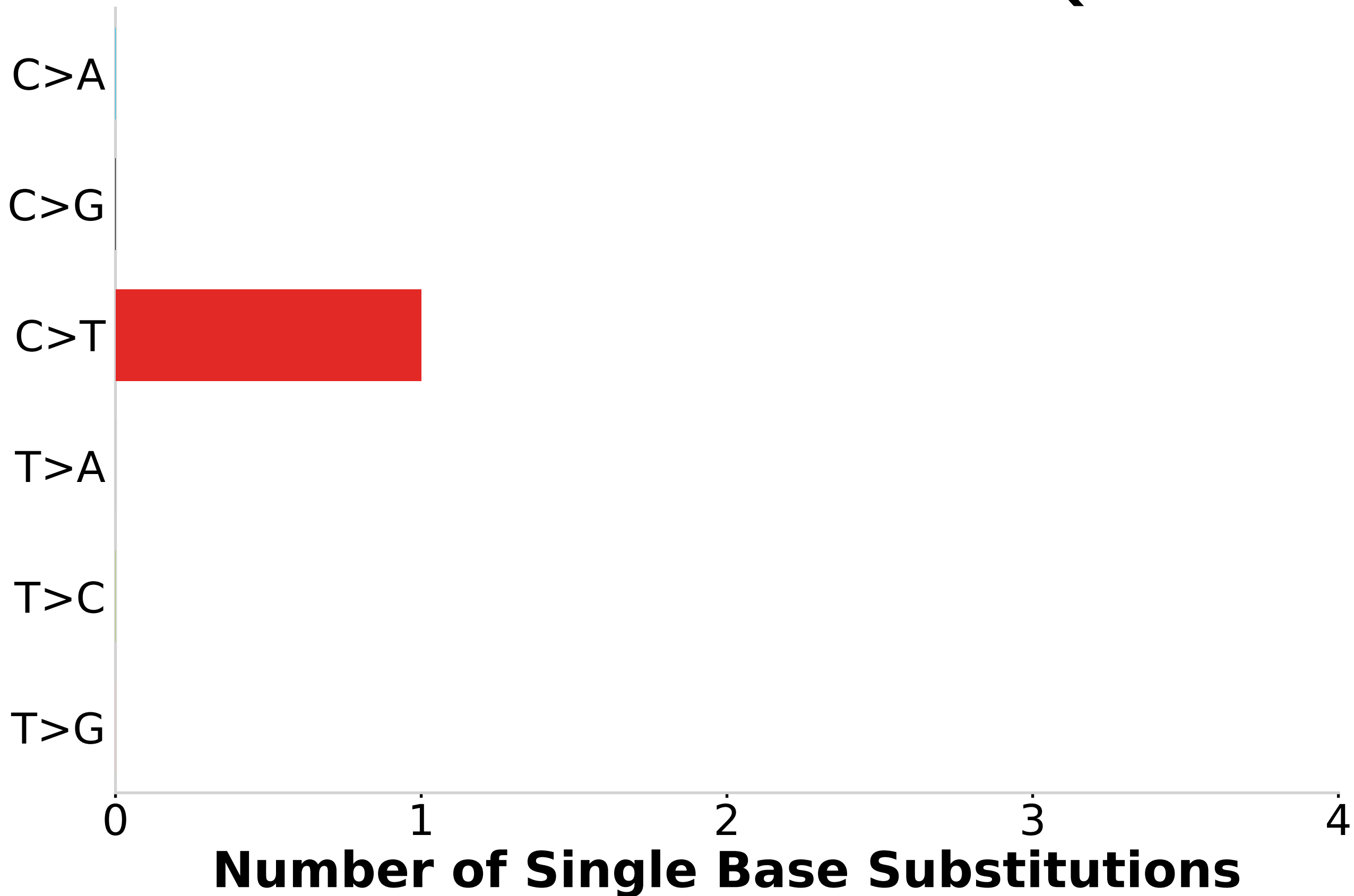
Number of Single Base Substitutions



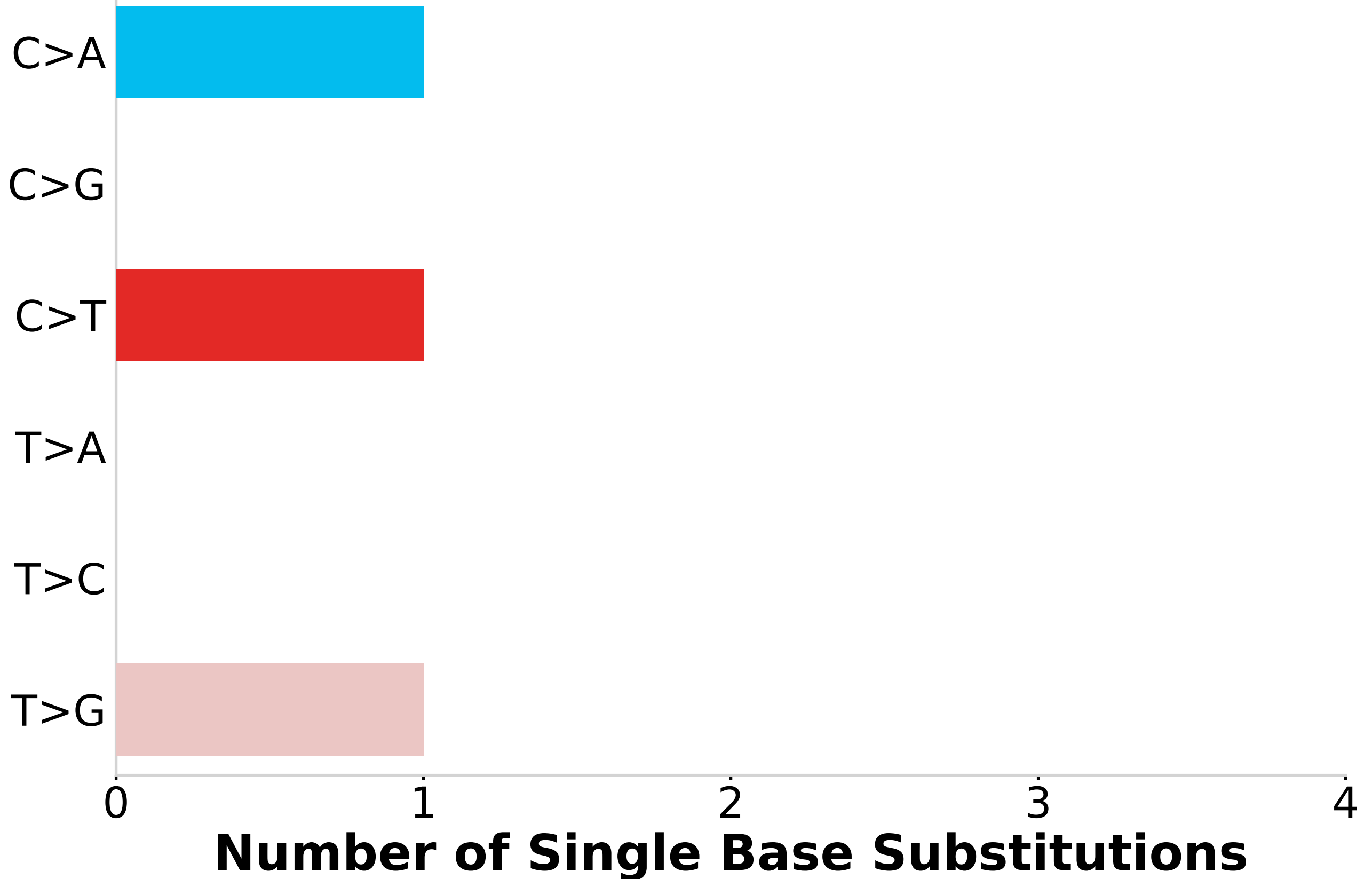
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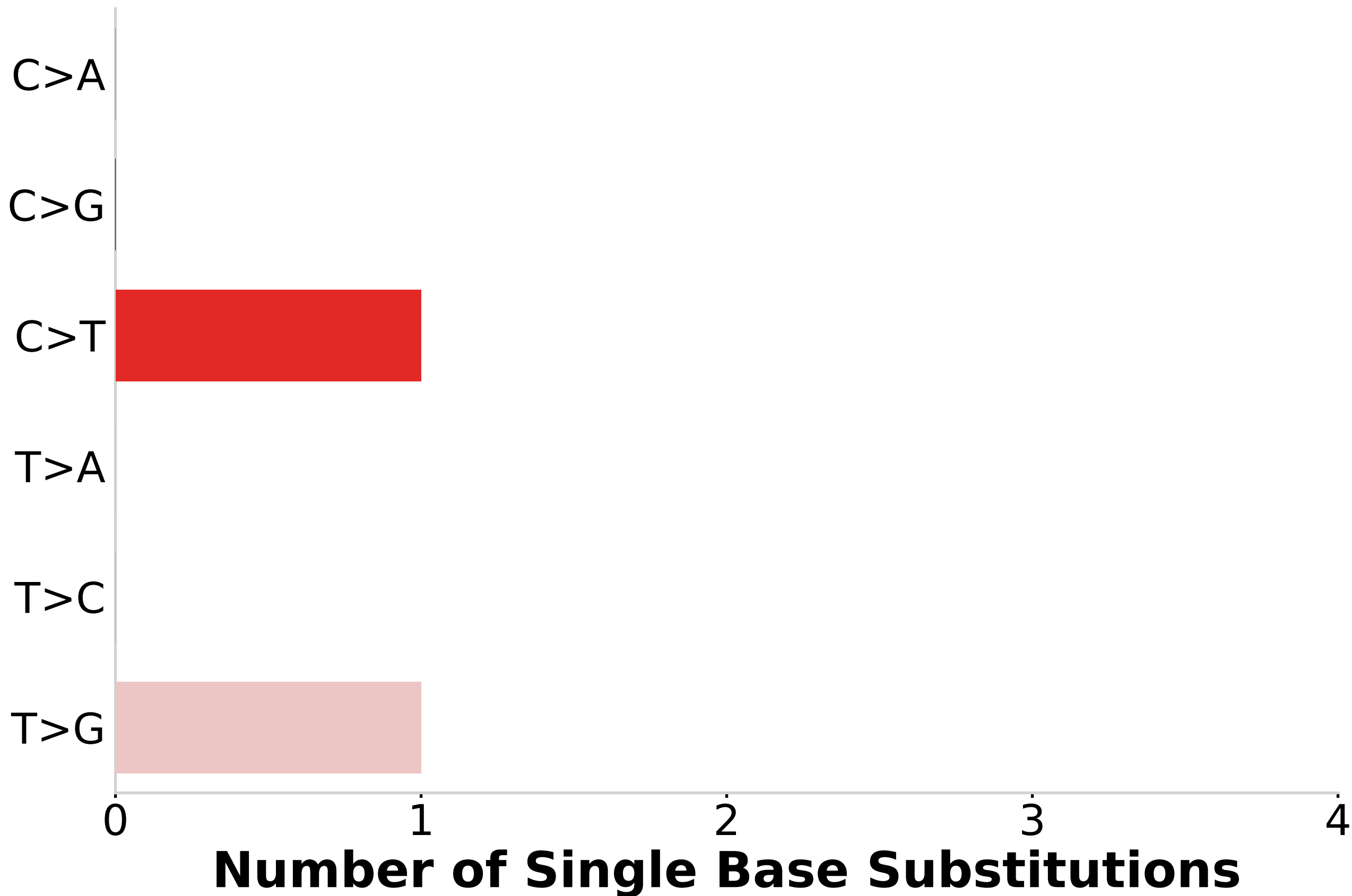
TCGA-AR-A1AU-01A-11D-A12Q-09: 1 subs



TCGA-AR-A1AV-01A-21D-A12Q-09: 3 subs



TCGA-AR-A24H-01A-11D-A167-09: 2 subs



TCGA-AR-A24K-01A-11D-A167-09: 1 subs

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Number of Single Base Substitutions



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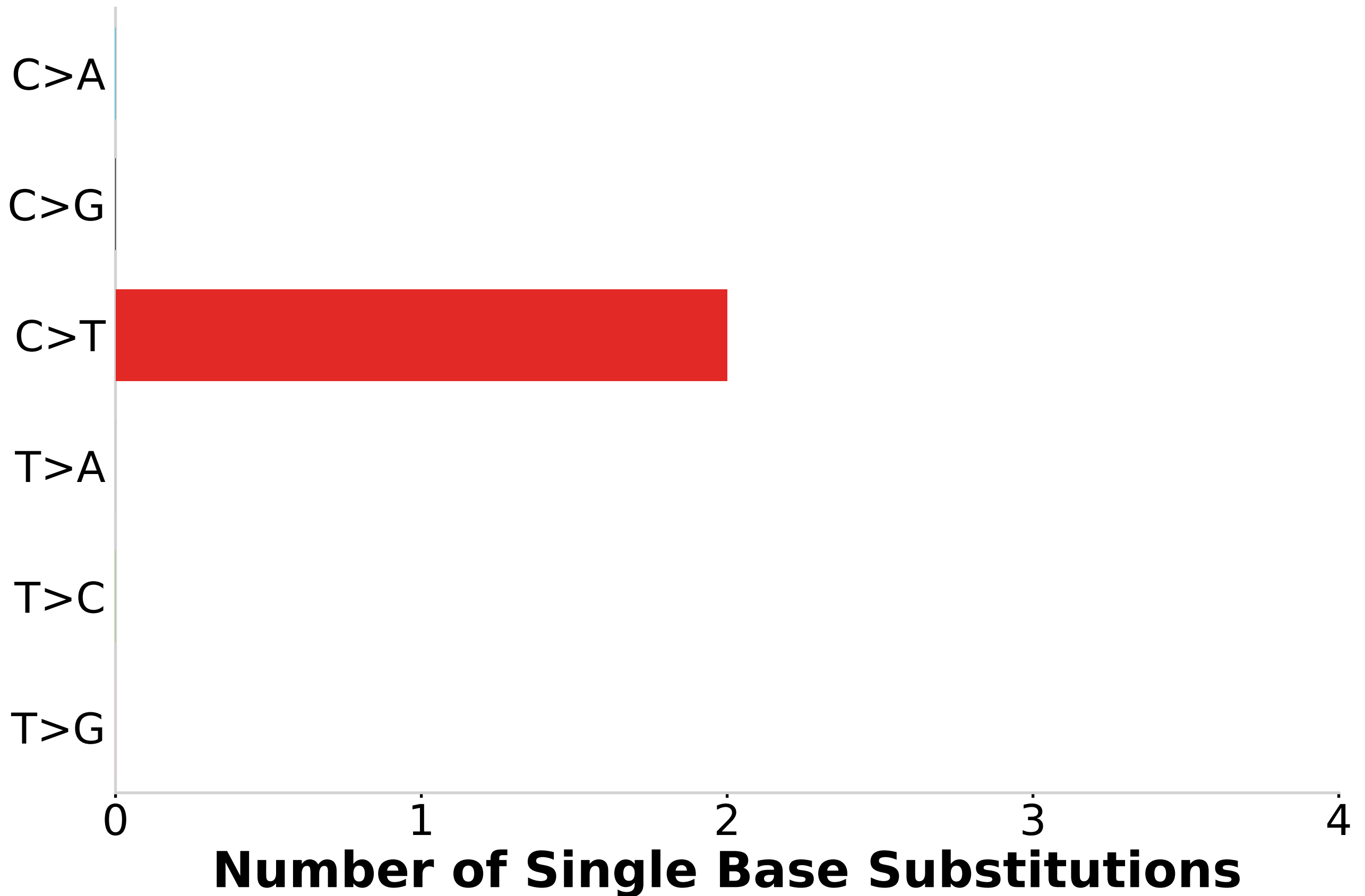
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Number of Single Base Substitutions



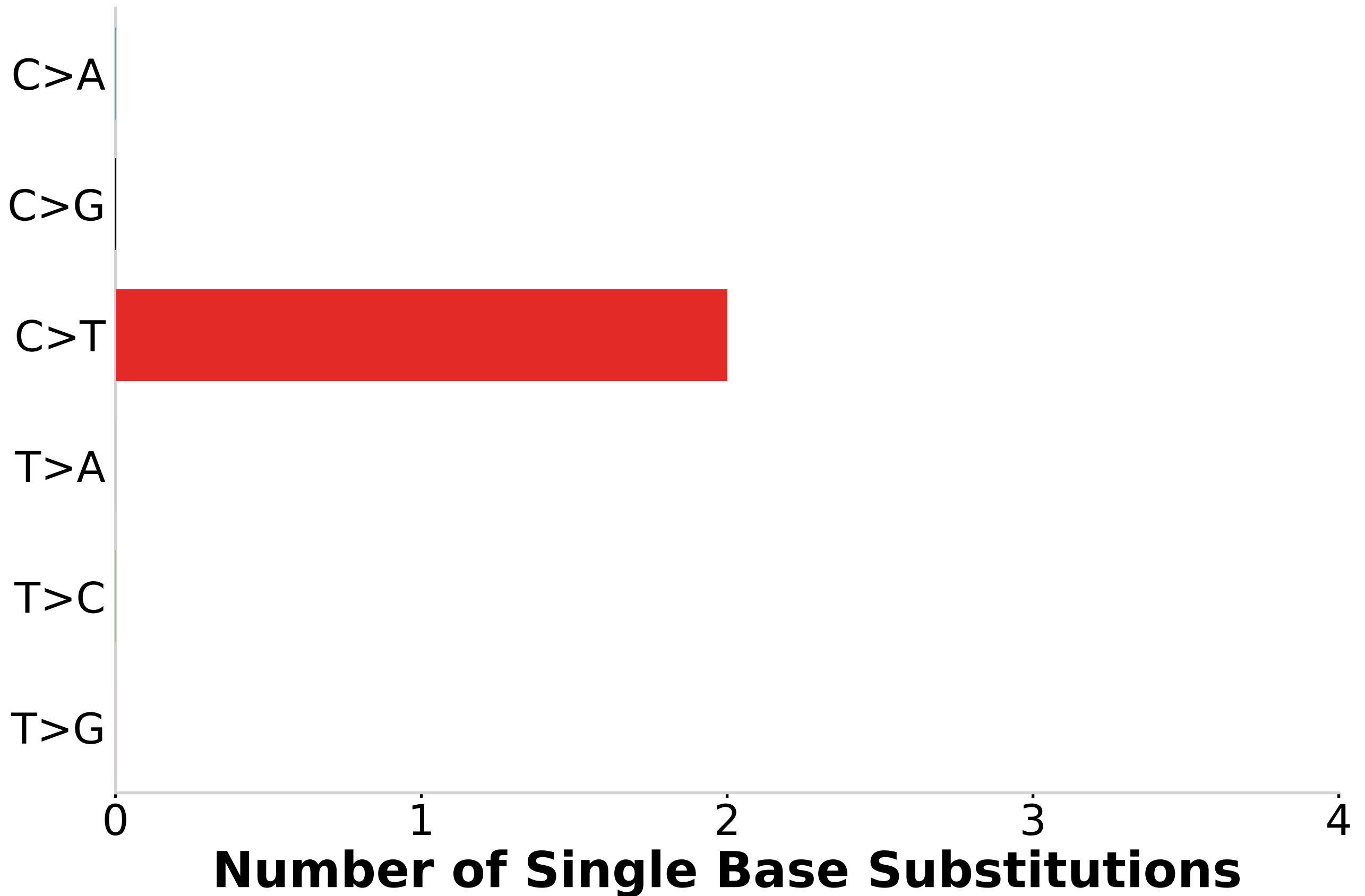
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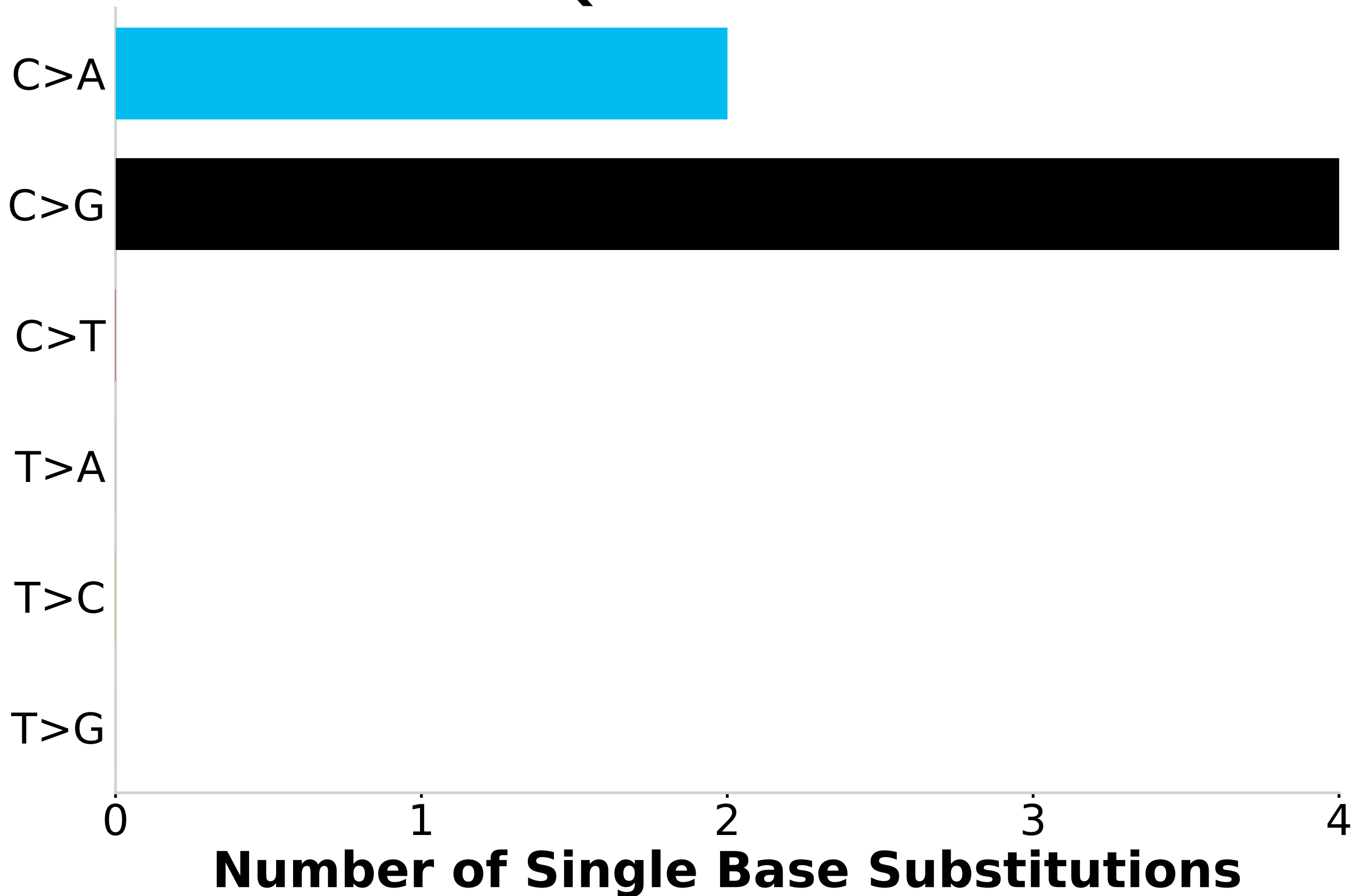
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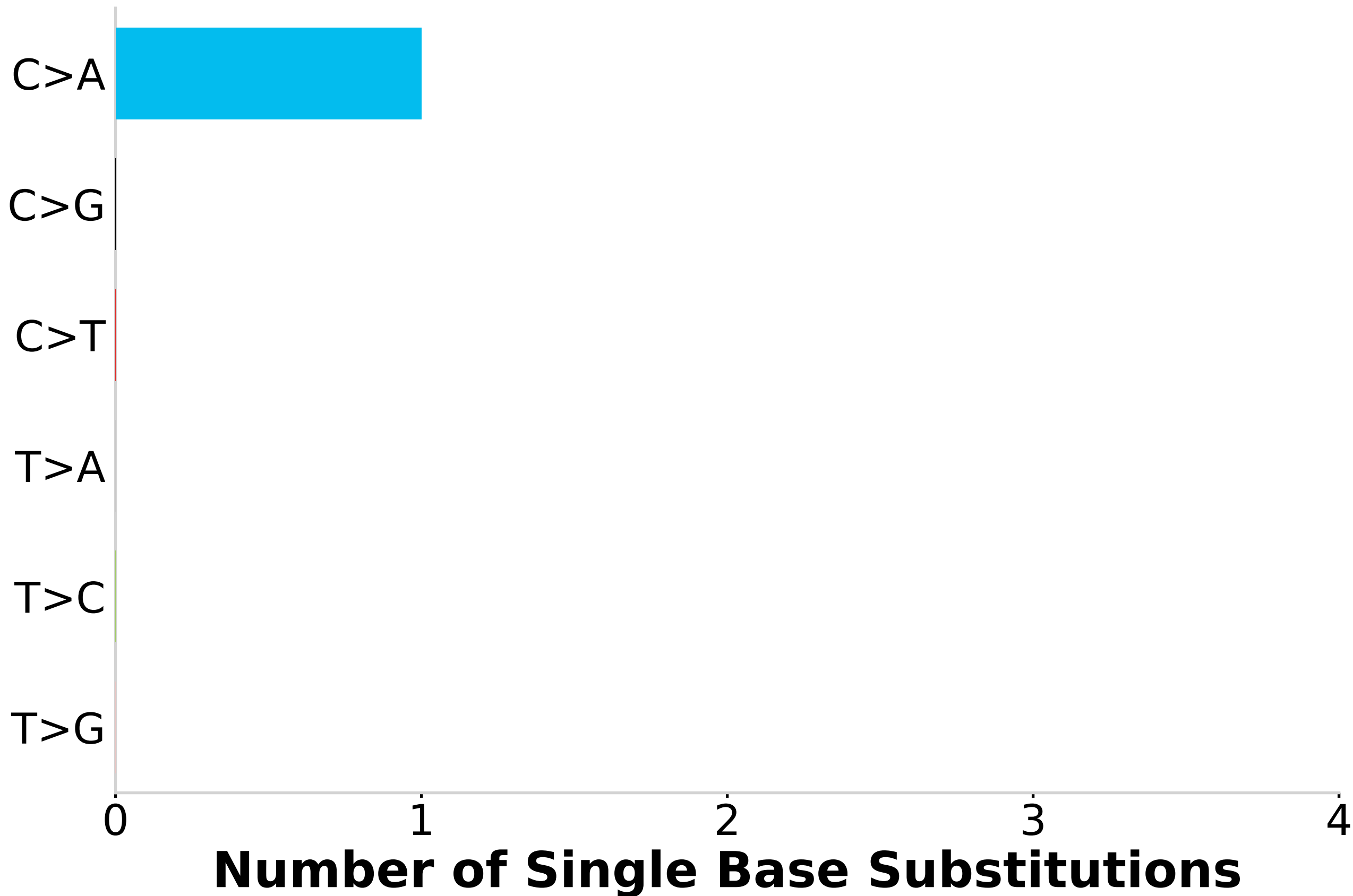
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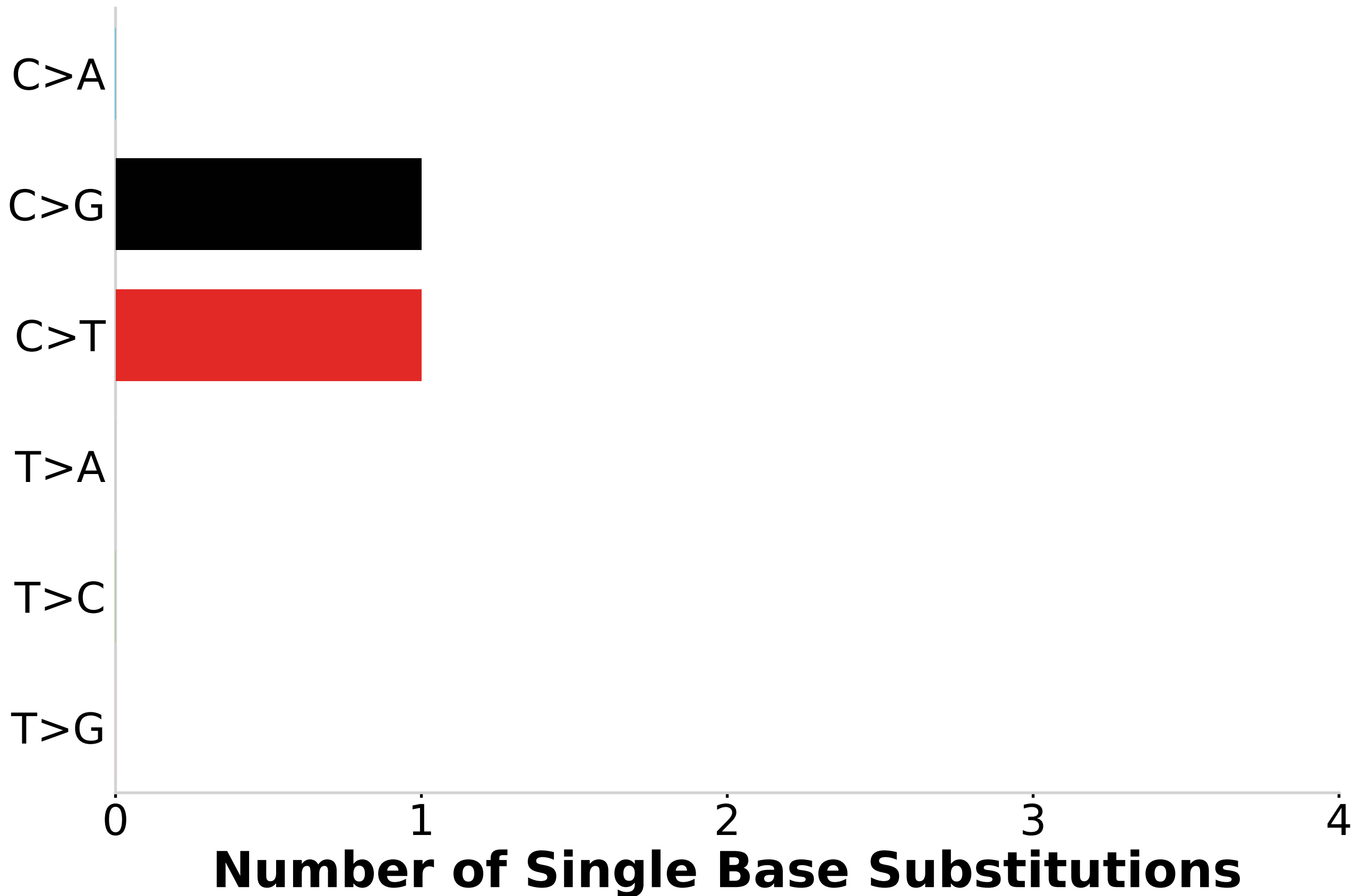
TCGA-AR-A24Q-01A-12D-A167-09: 6 subs



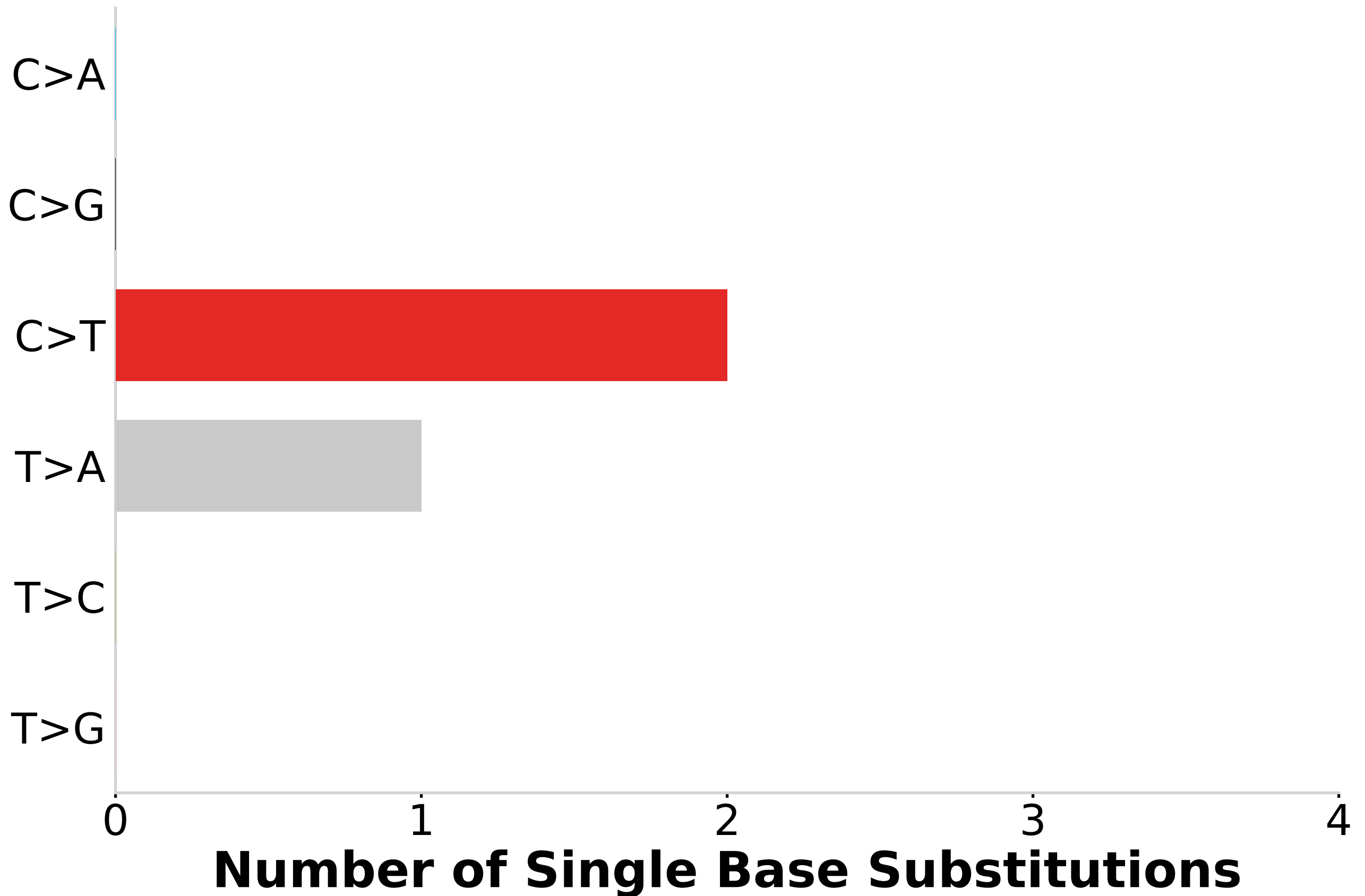
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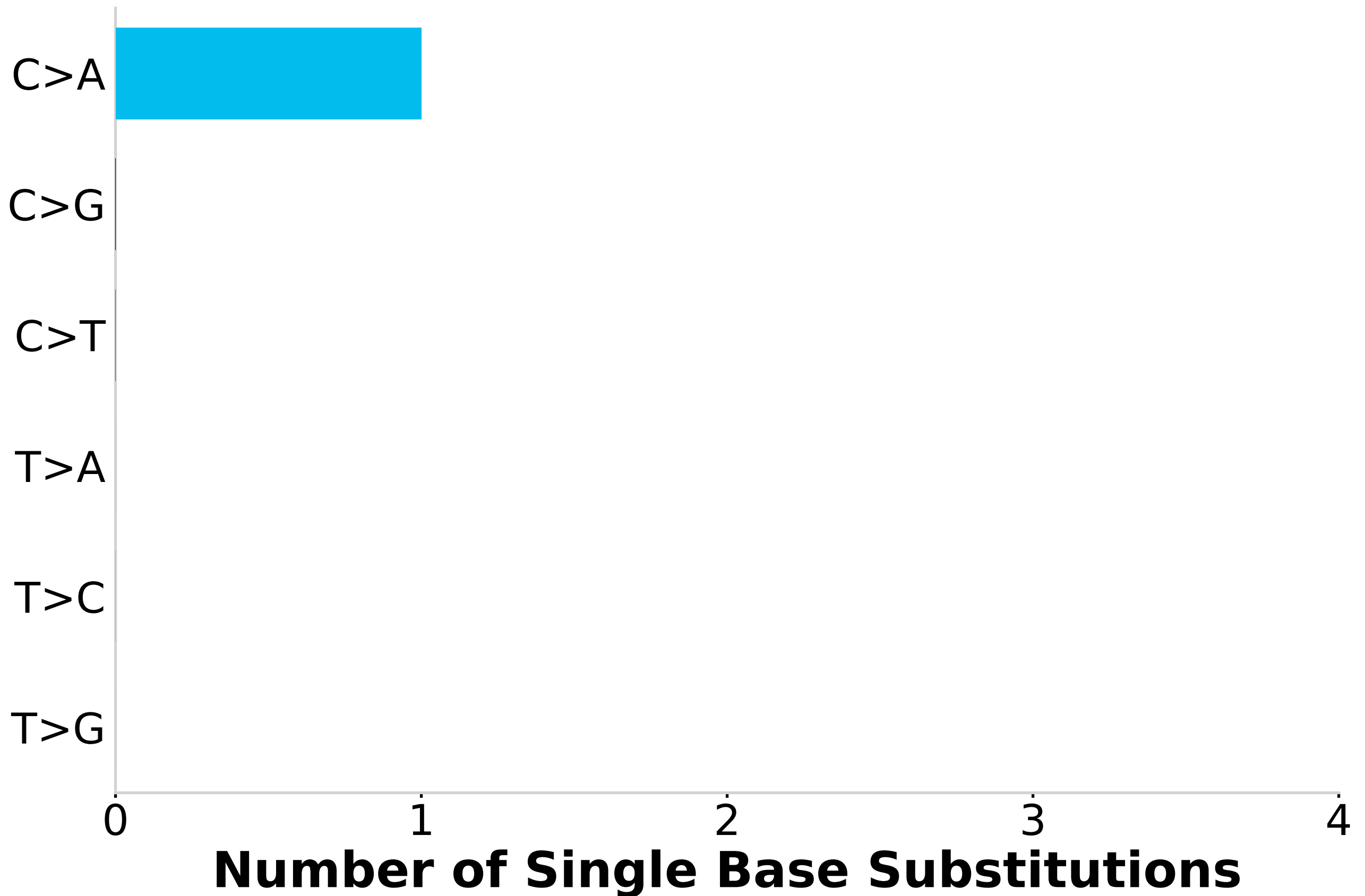
TCGA-AR-A24U-01A-11D-A167-09: 2 subs



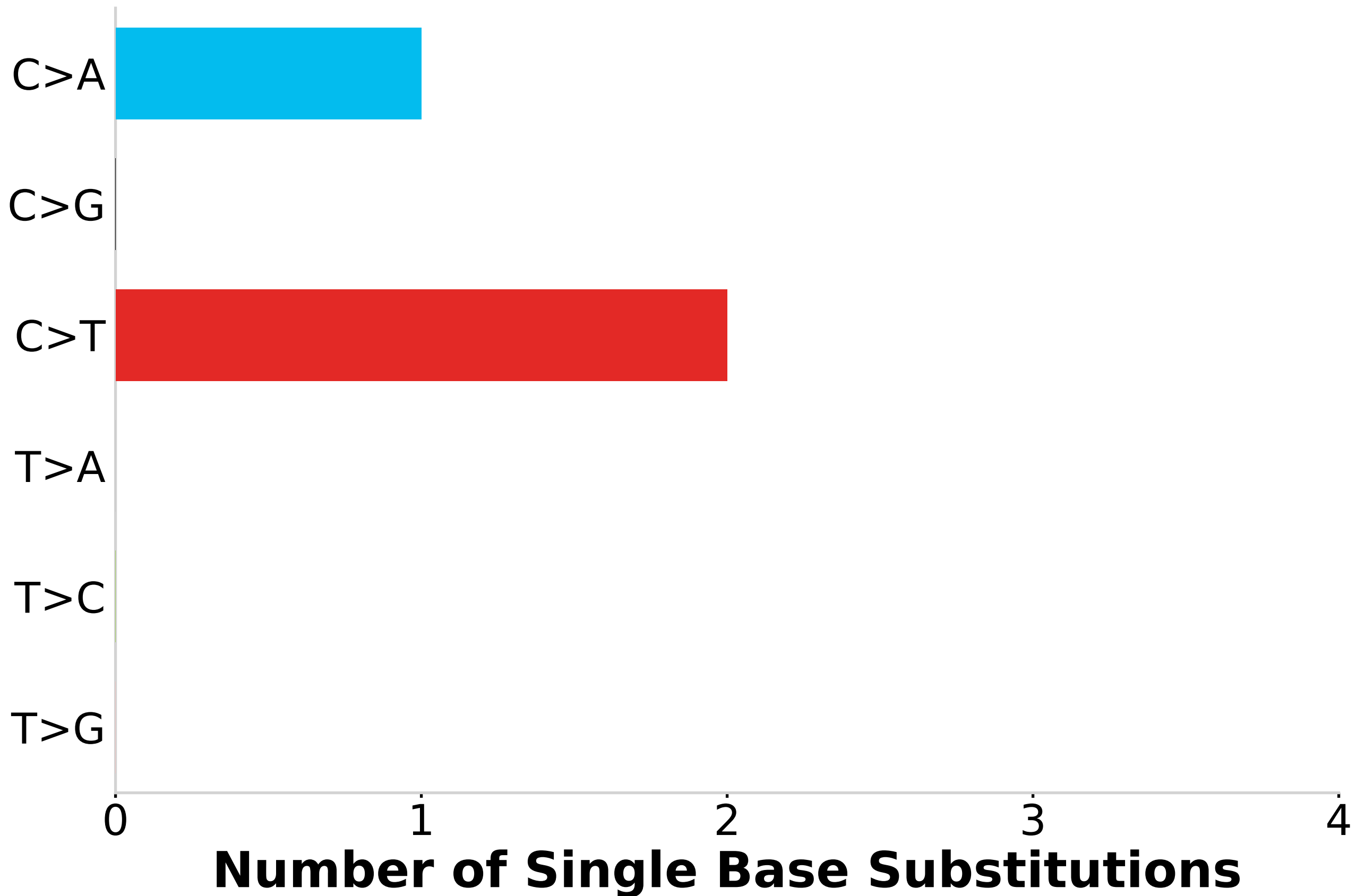
TCGA-AR-A24W-01A-11D-A17G-09: 3 subs



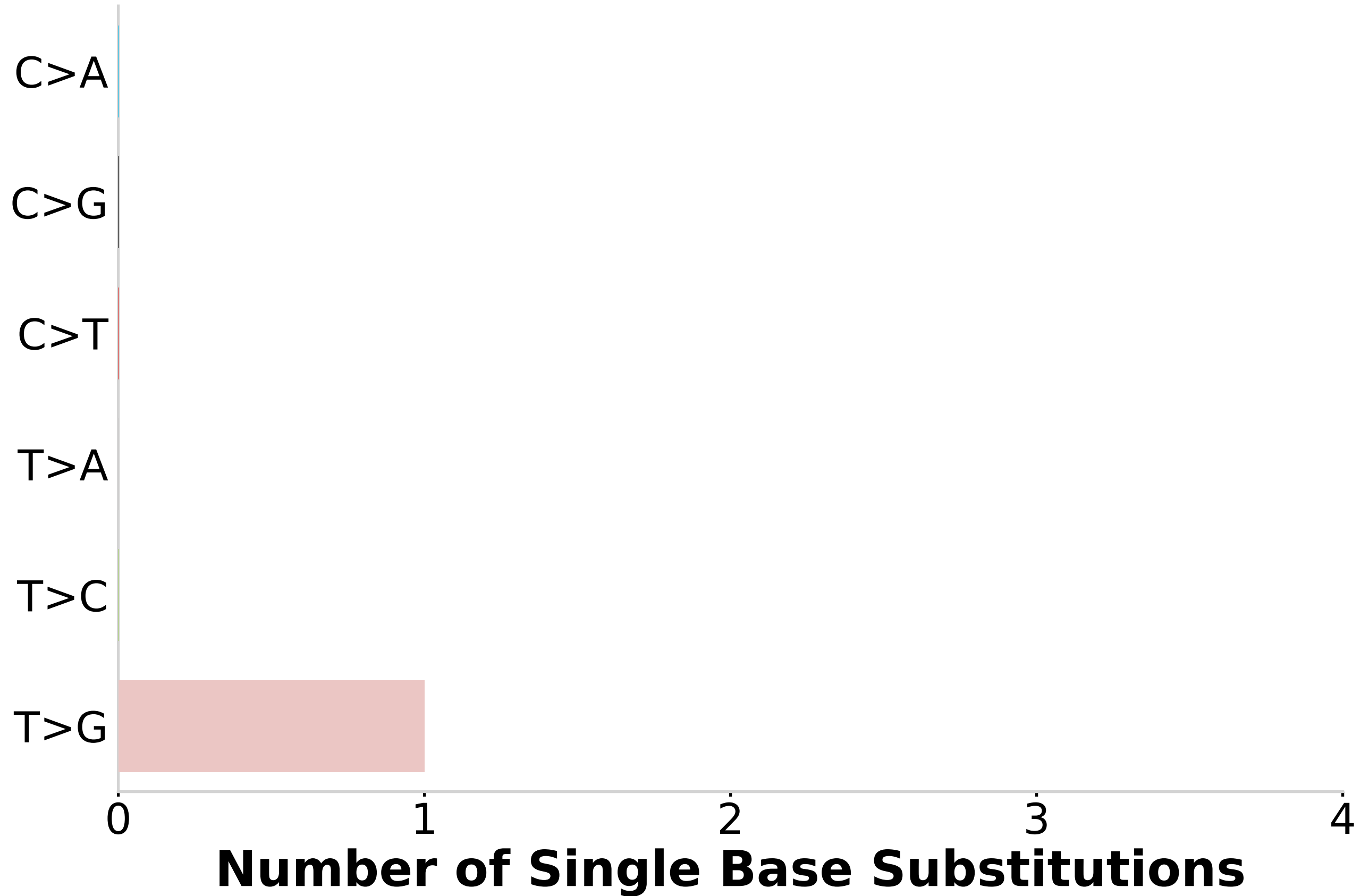
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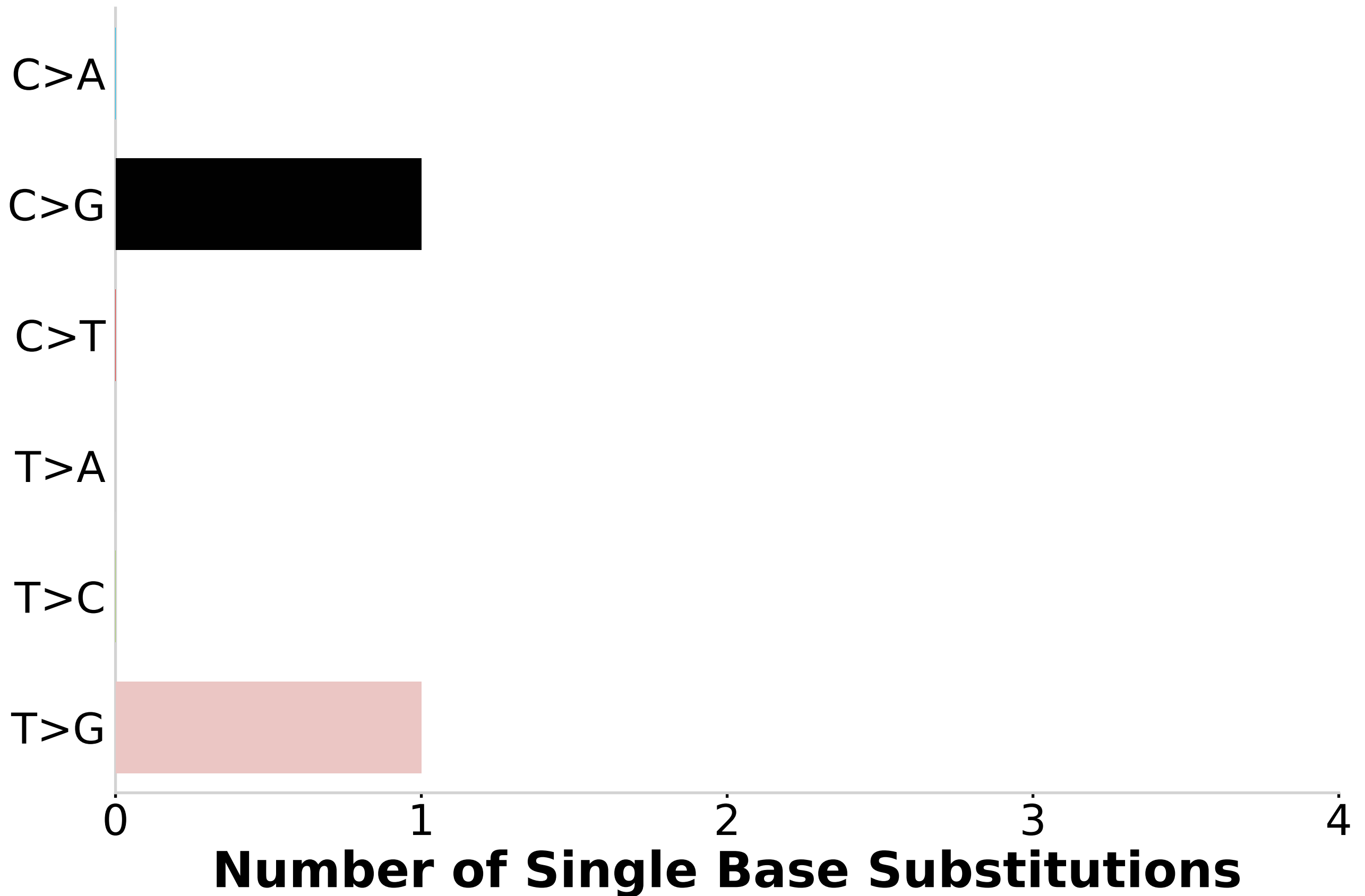
TCGA-AR-A250-01A-31D-A167-09: 3 subs



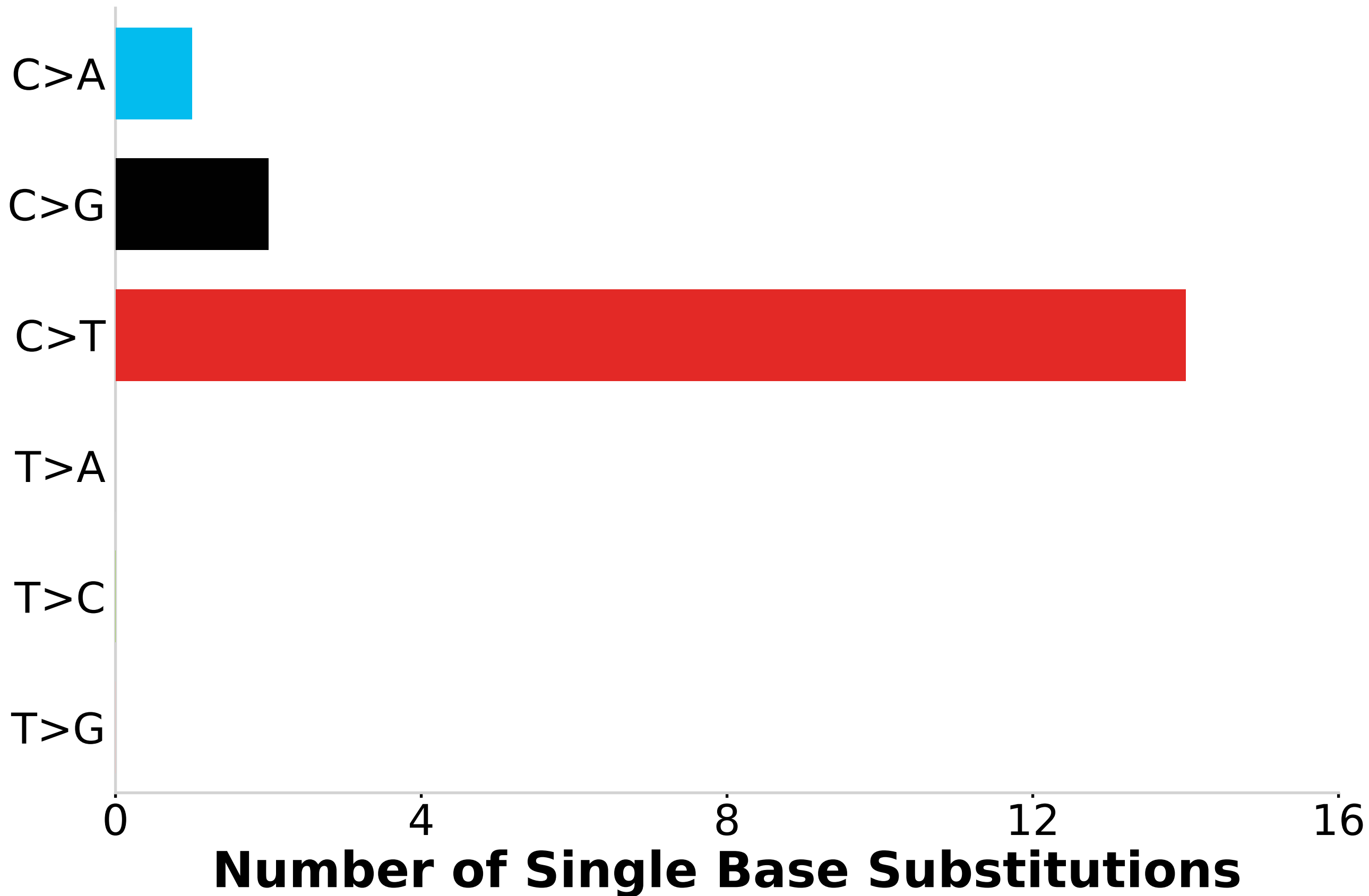
TCGA-AR-A251-01A-12D-A167-09: 1 subs



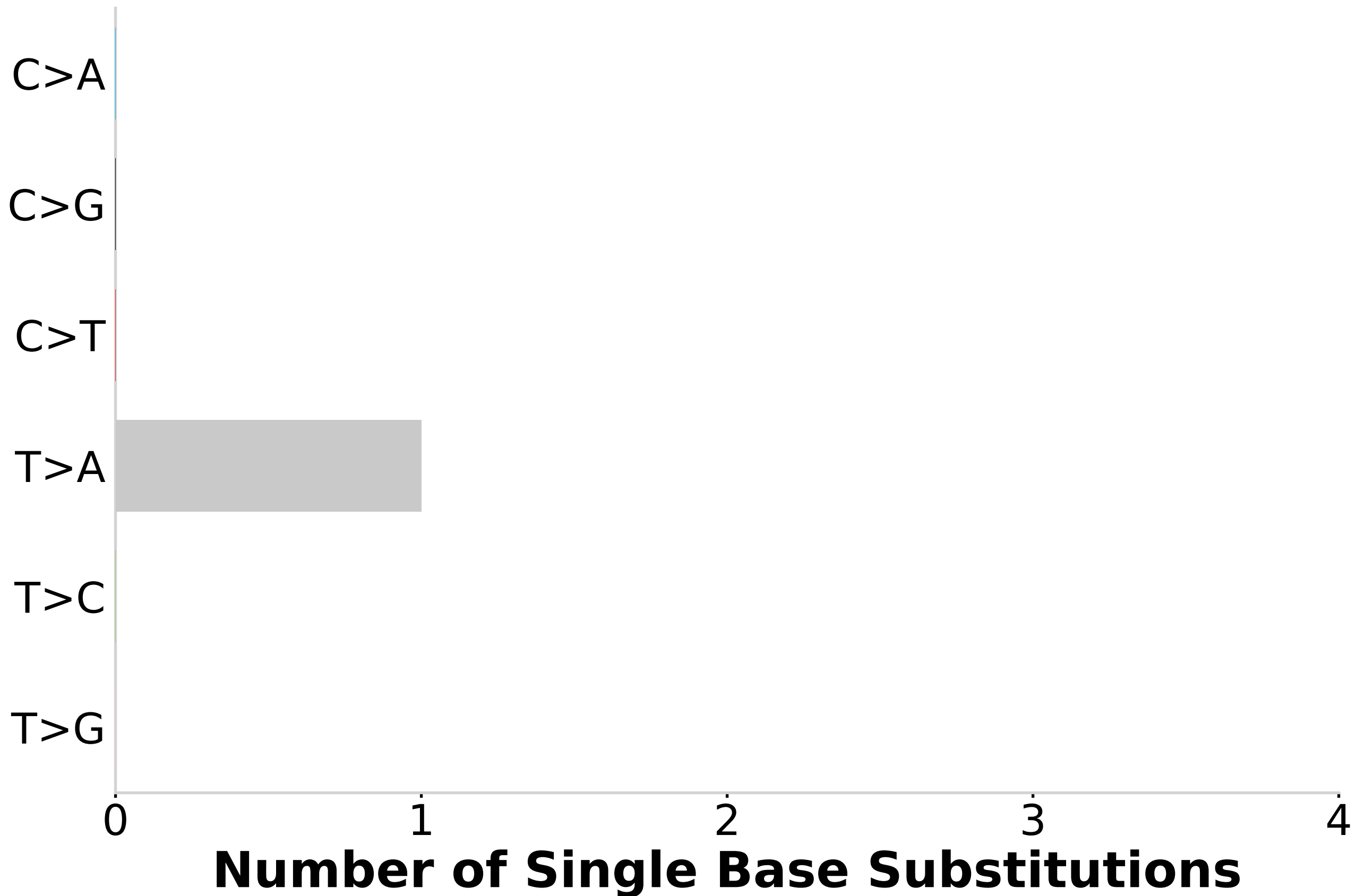
TCGA-AR-A256-01A-11D-A167-09: 2 subs



TCGA-AR-A2LE-01A-11D-A17W-09: 17 subs



TCGA-AR-A2LK-01A-11D-A17W-09: 1 subs



TCGA-AR-A2LN-01A-21D-A18P-09: 1 subs



TCGA-AR-A2LR-01A-12D-A18P-09: 3 subs

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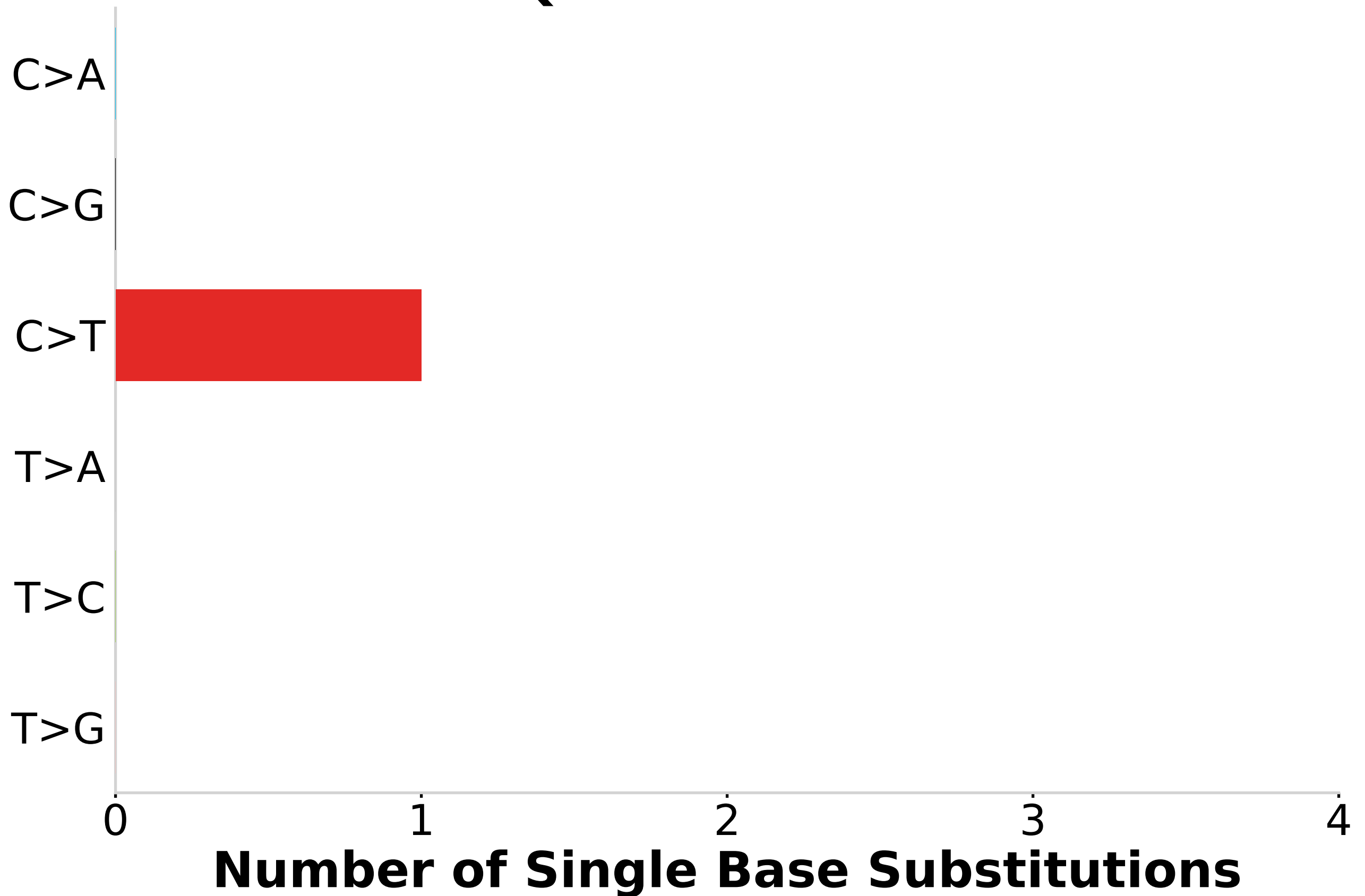
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Number of Single Base Substitutions



TCGA-AR-A5QN-01A-12D-A28B-09: 1 subs



TCGA-AR-A5QQ-01A-11D-A28B-09: 2 subs

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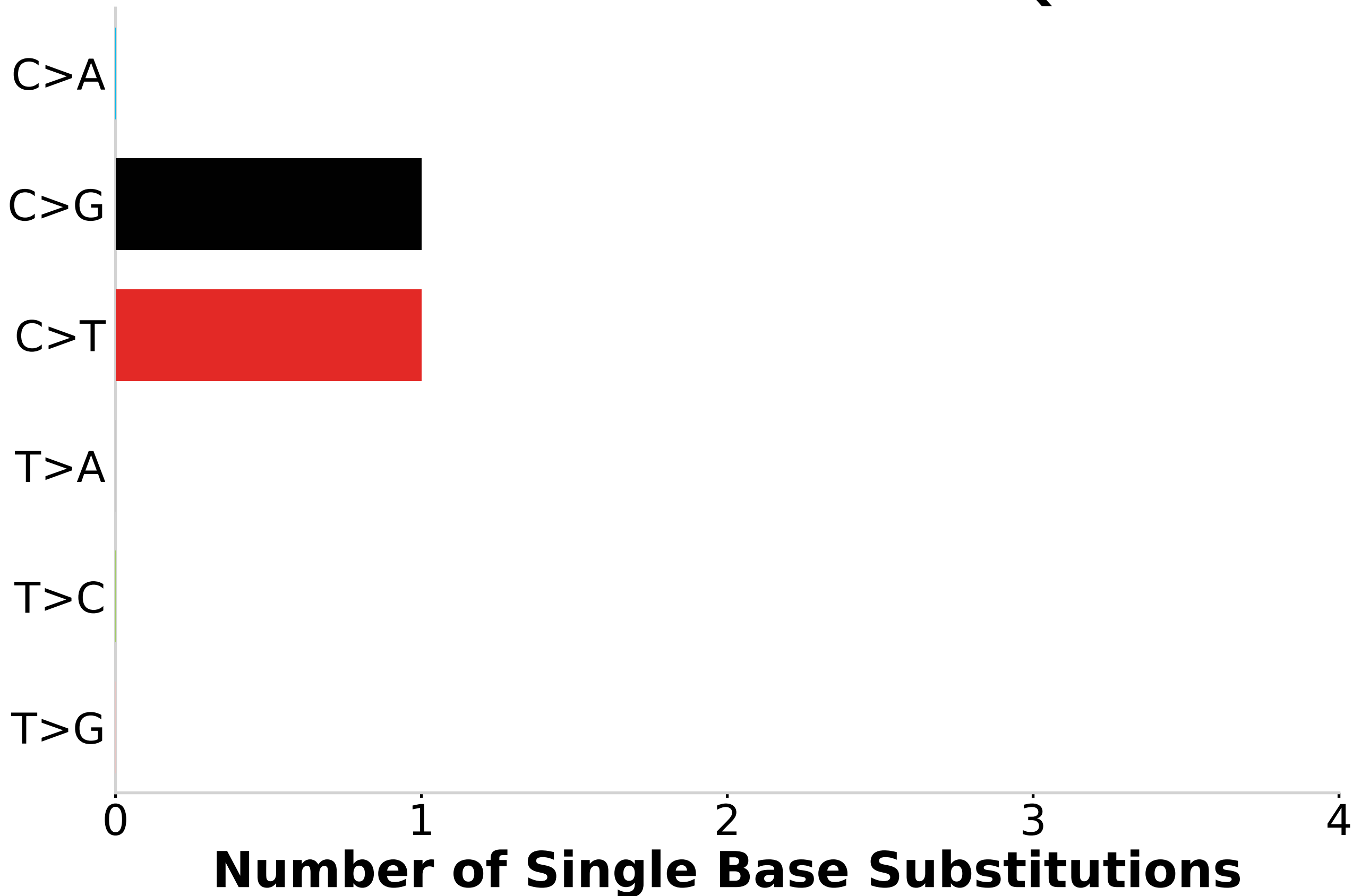
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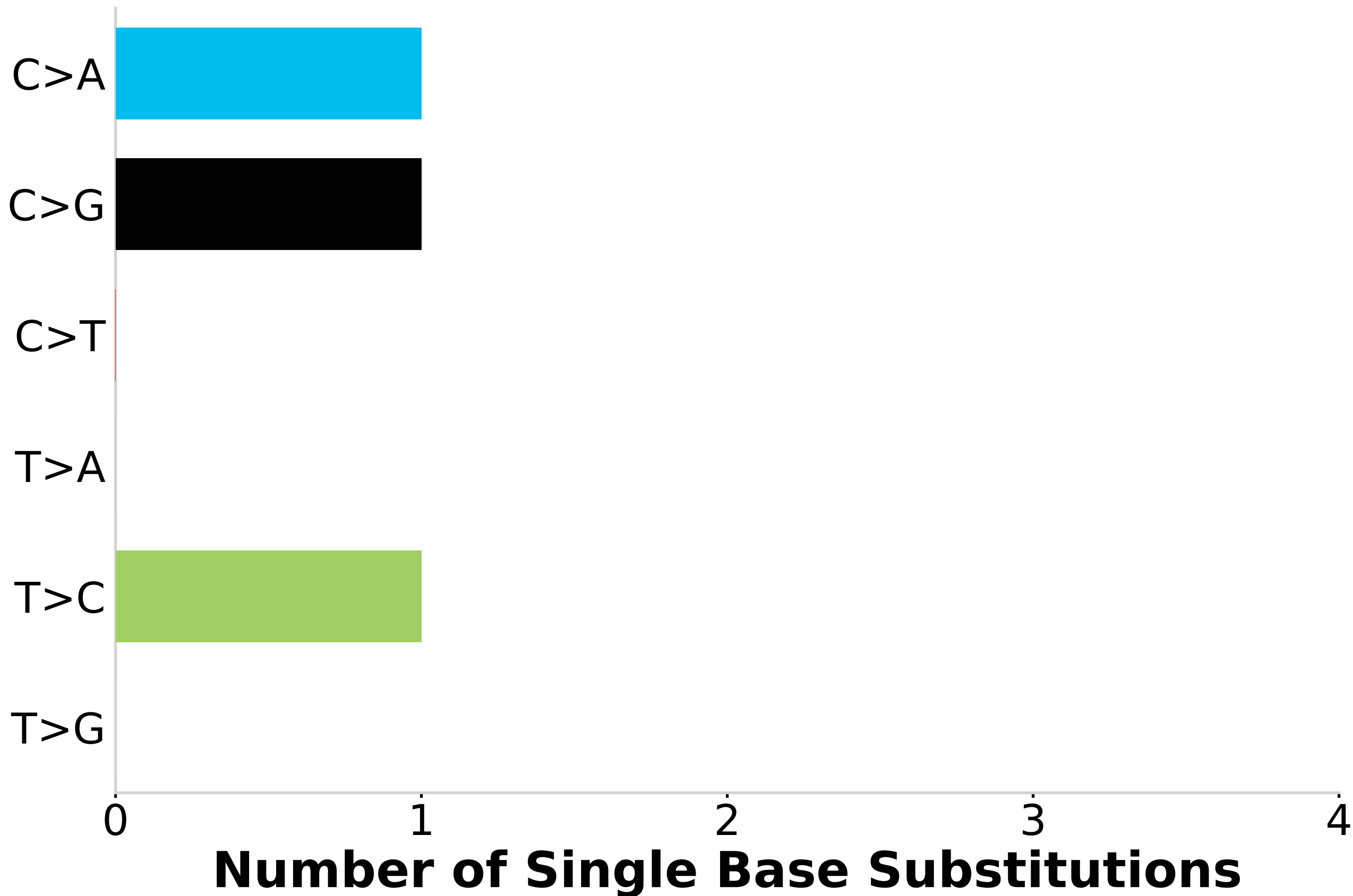
Number of Single Base Substitutions



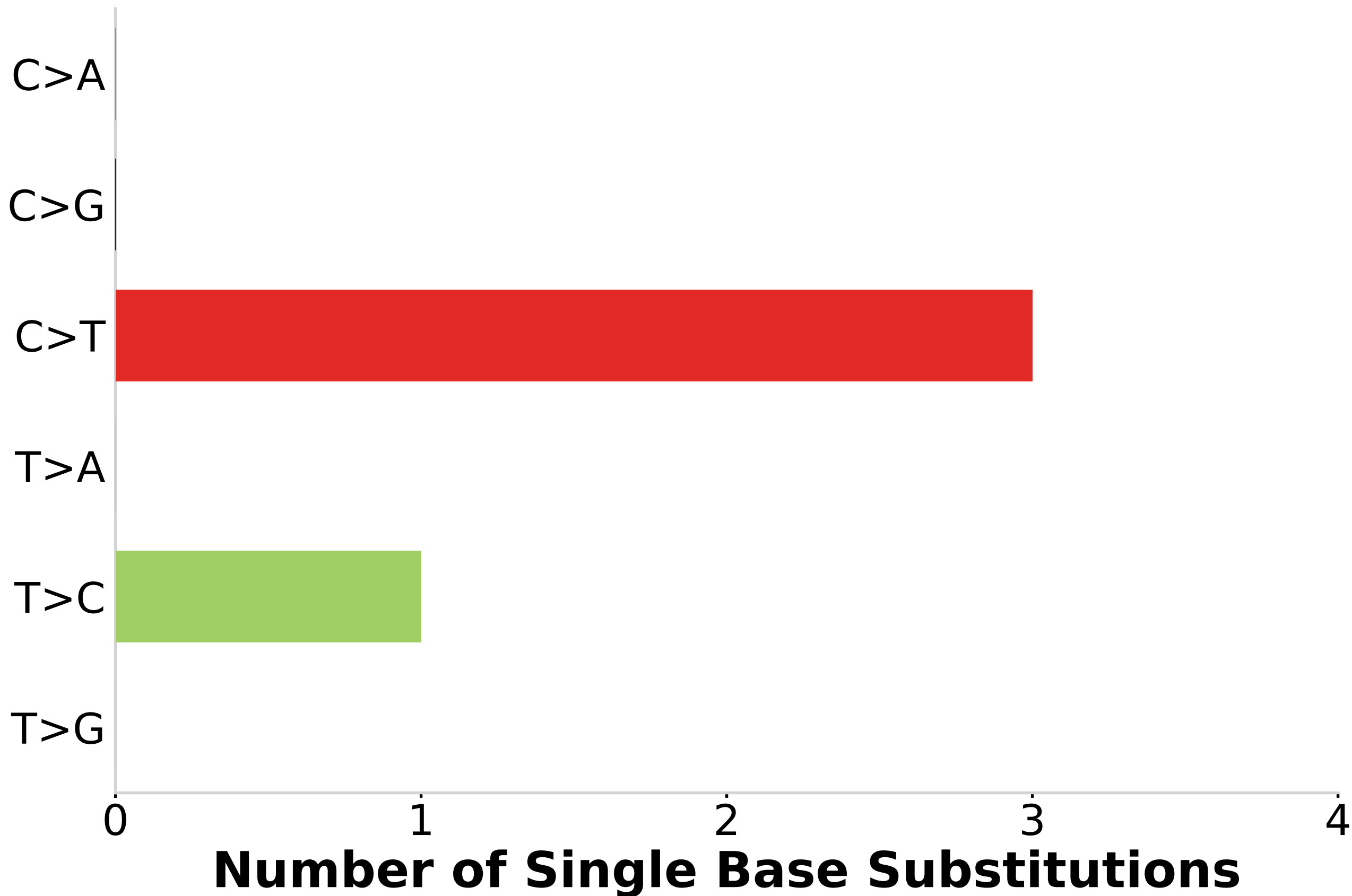
TCGA-B6-A011-01A-11D-A21Q-09: 2 subs



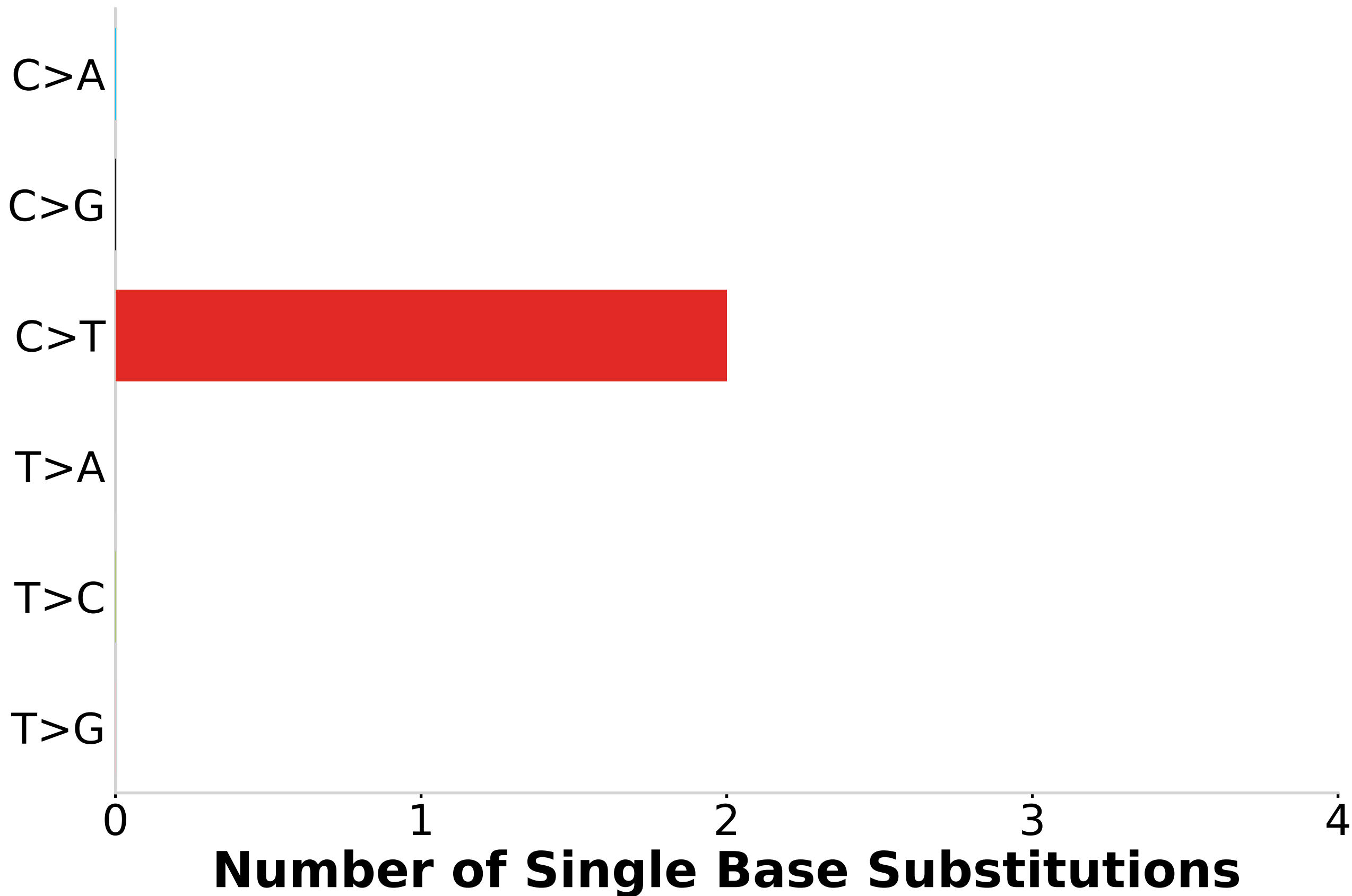
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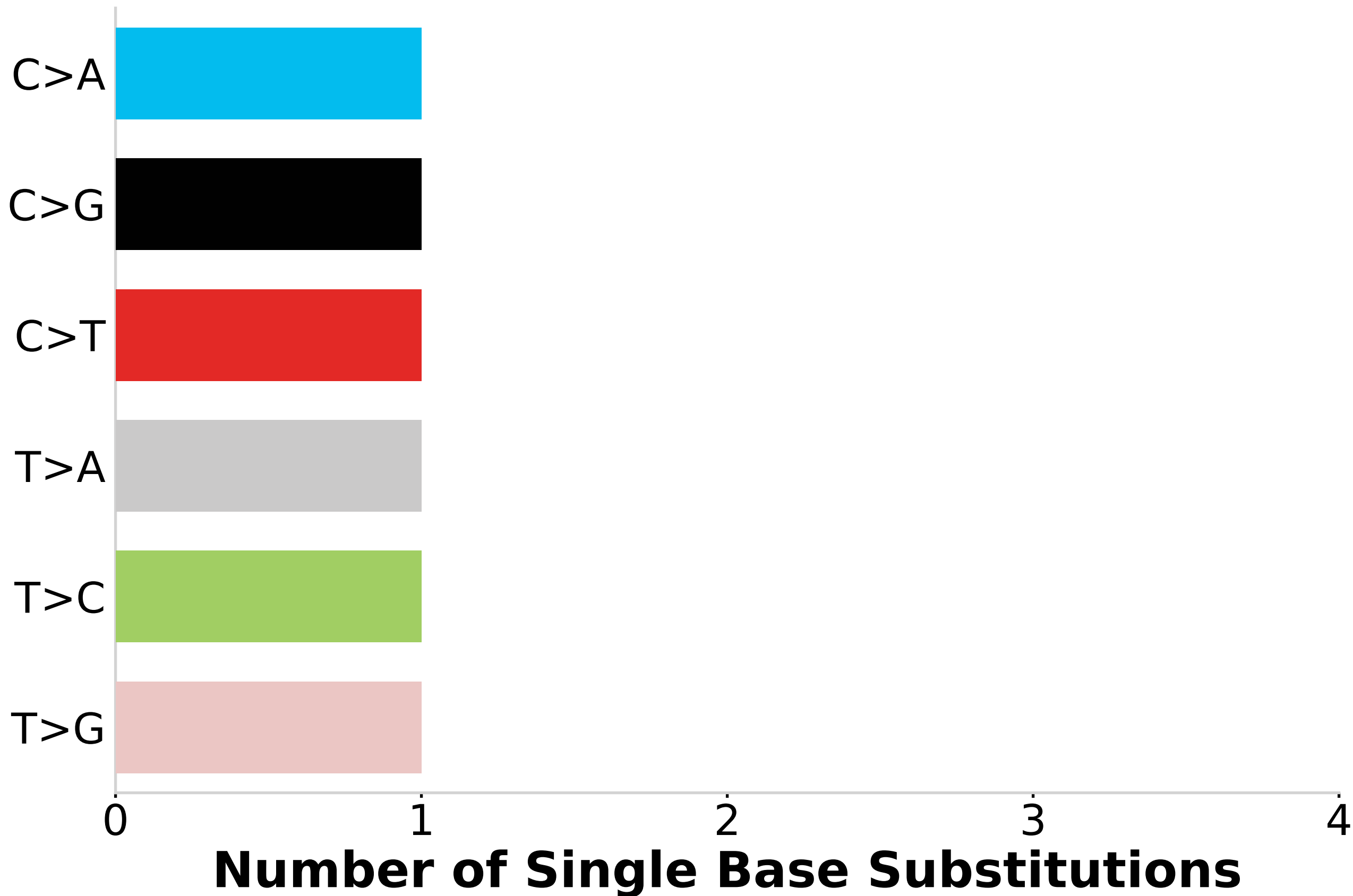
TCGA-B6-A018-01A-11W-A050-09: 4 subs



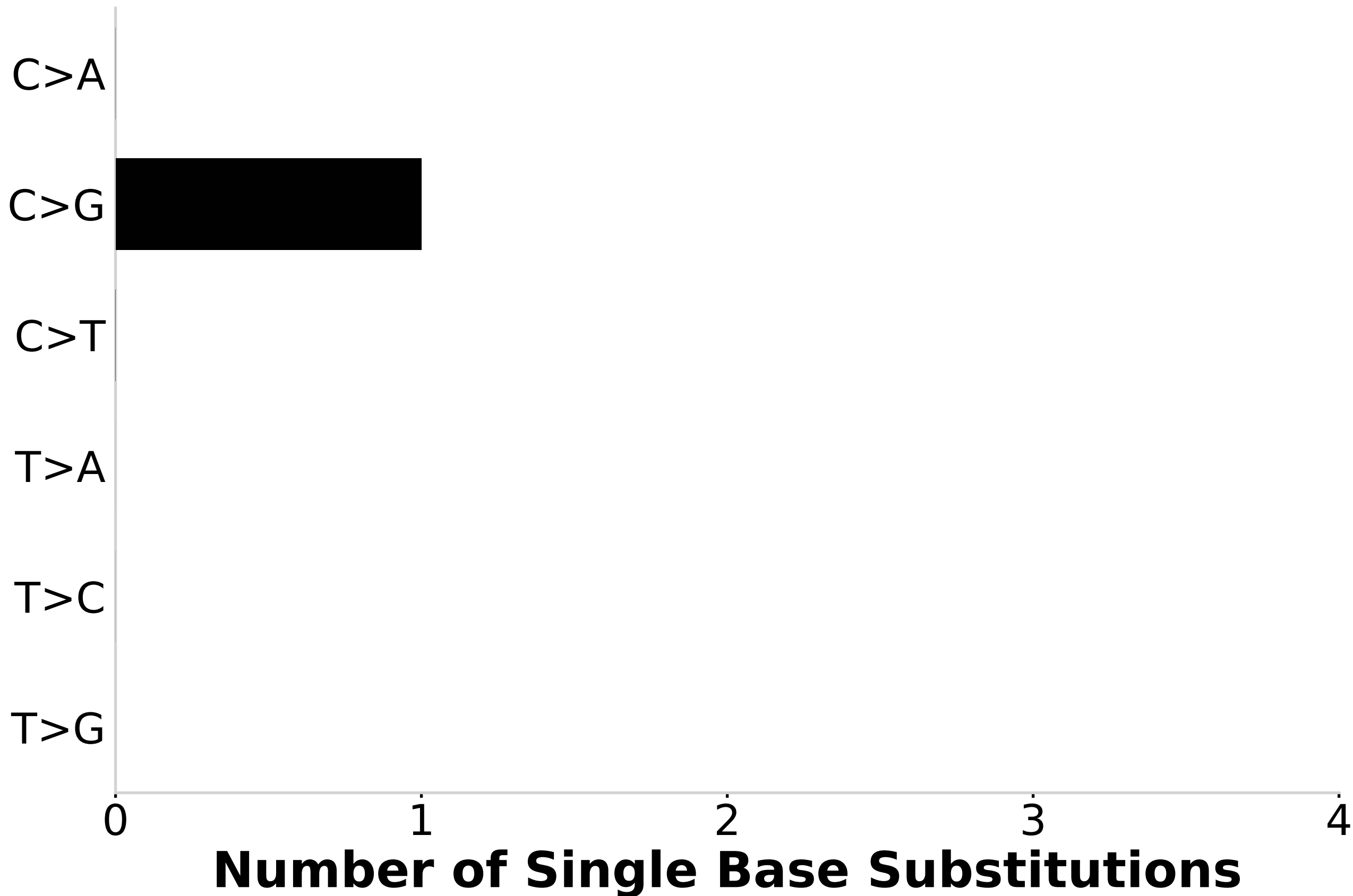
TCGA-B6-A019-01A-11W-A050-09: 2 subs



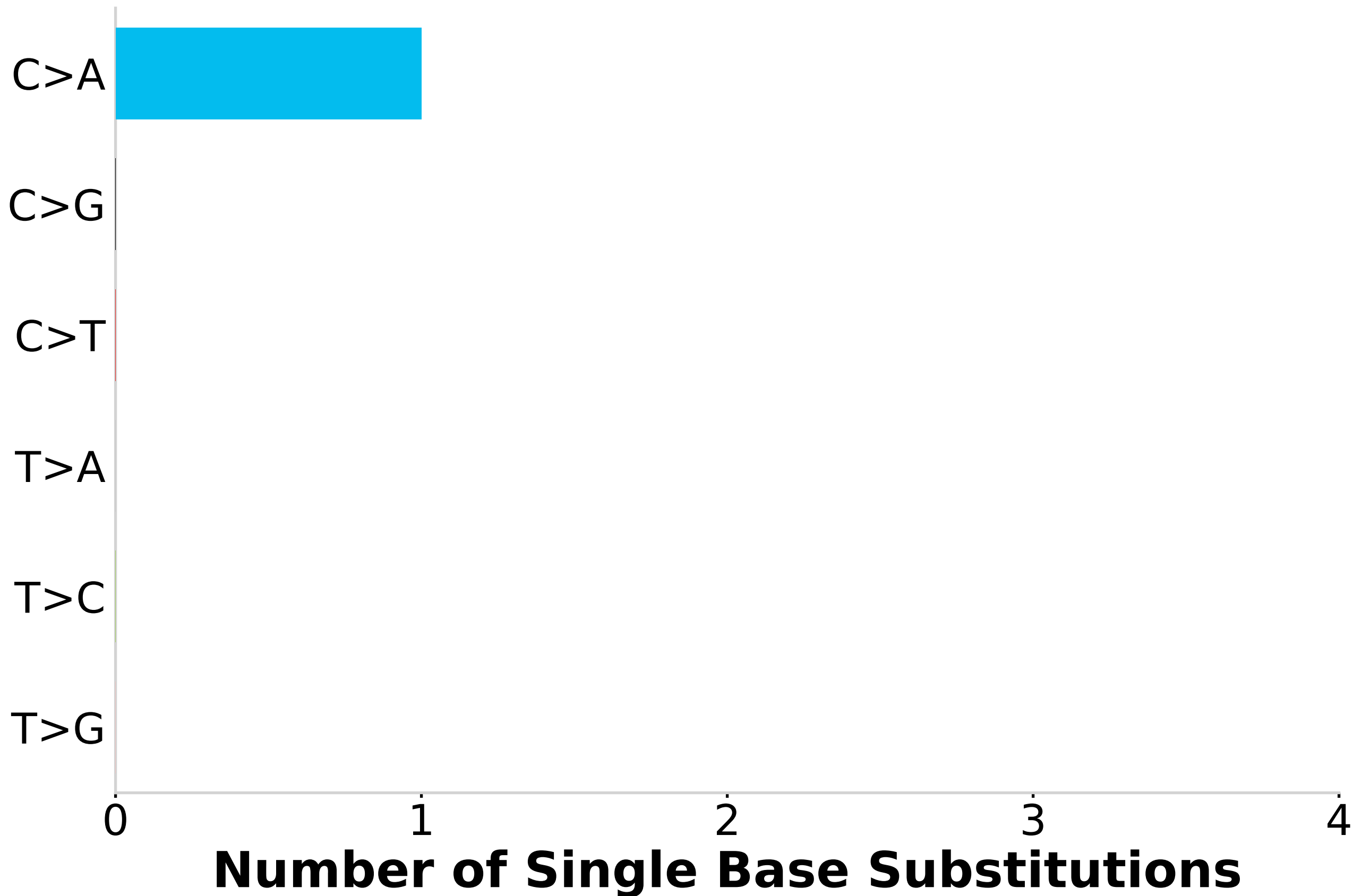
TCGA-B6-A01A-01A-11W-A050-09: 6 subs



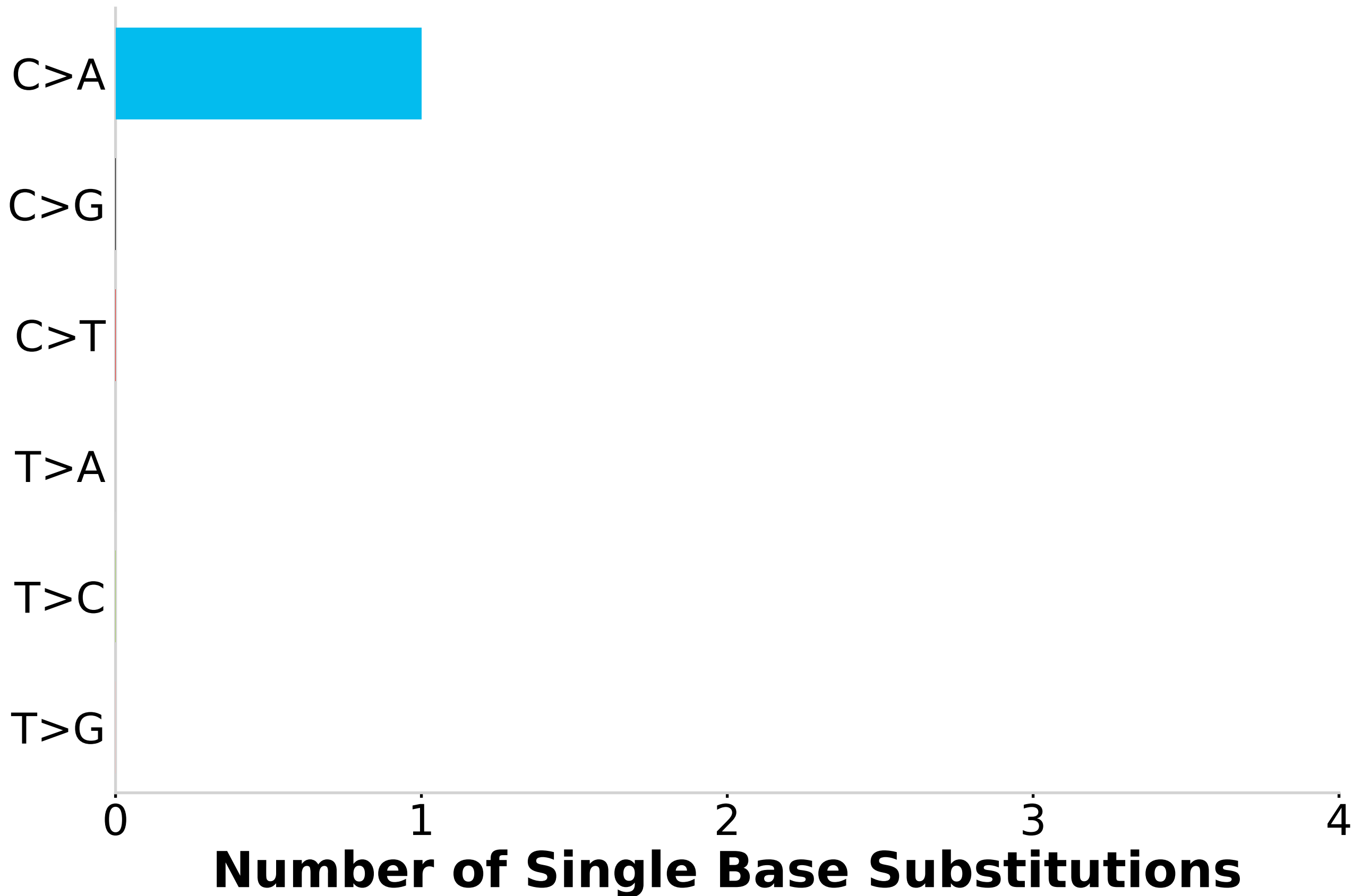
TCGA-B6-A0IB-01A-11W-A050-09: 1 subs



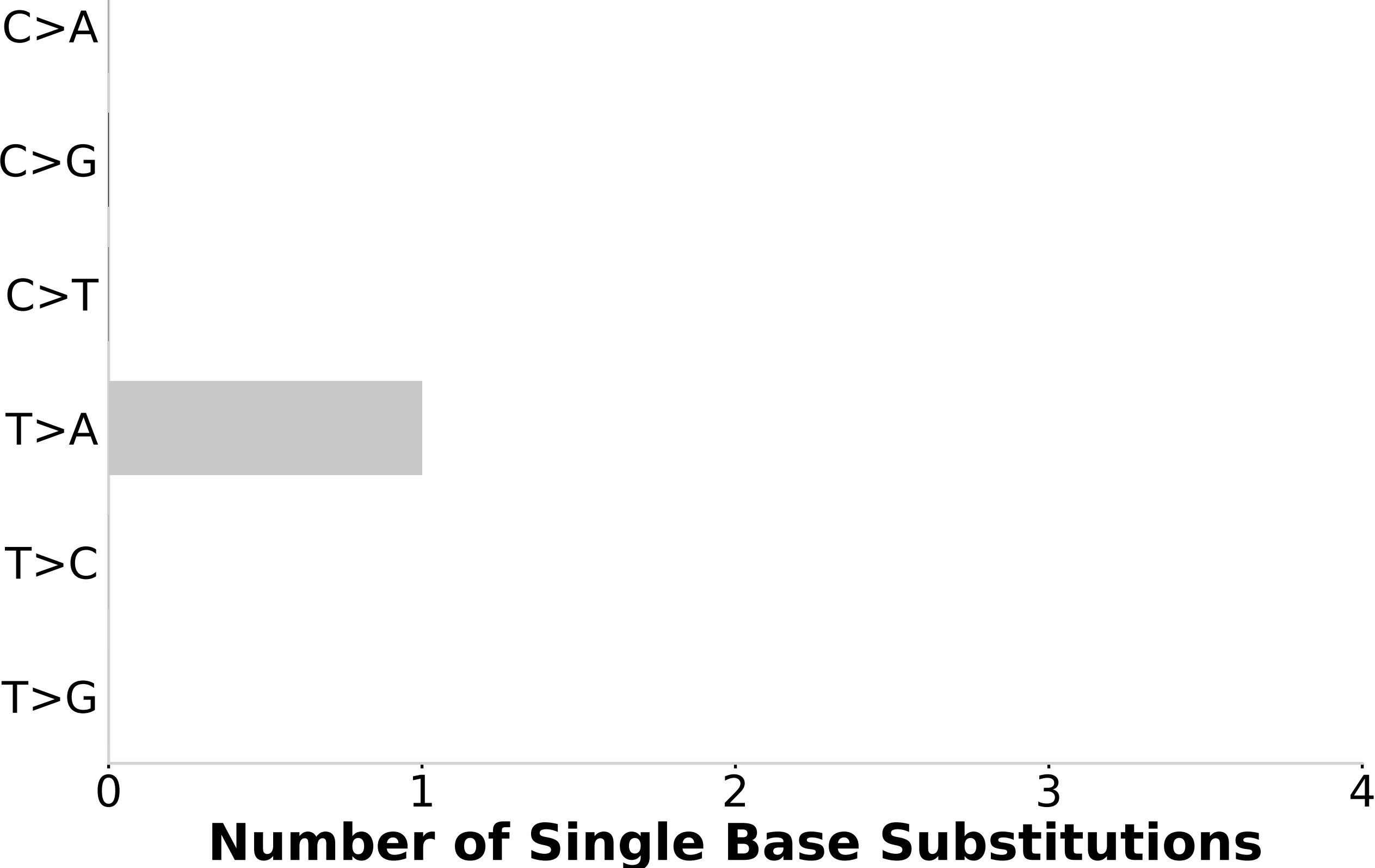
TCGA-B6-A01C-01A-11W-A050-09: 1 subs



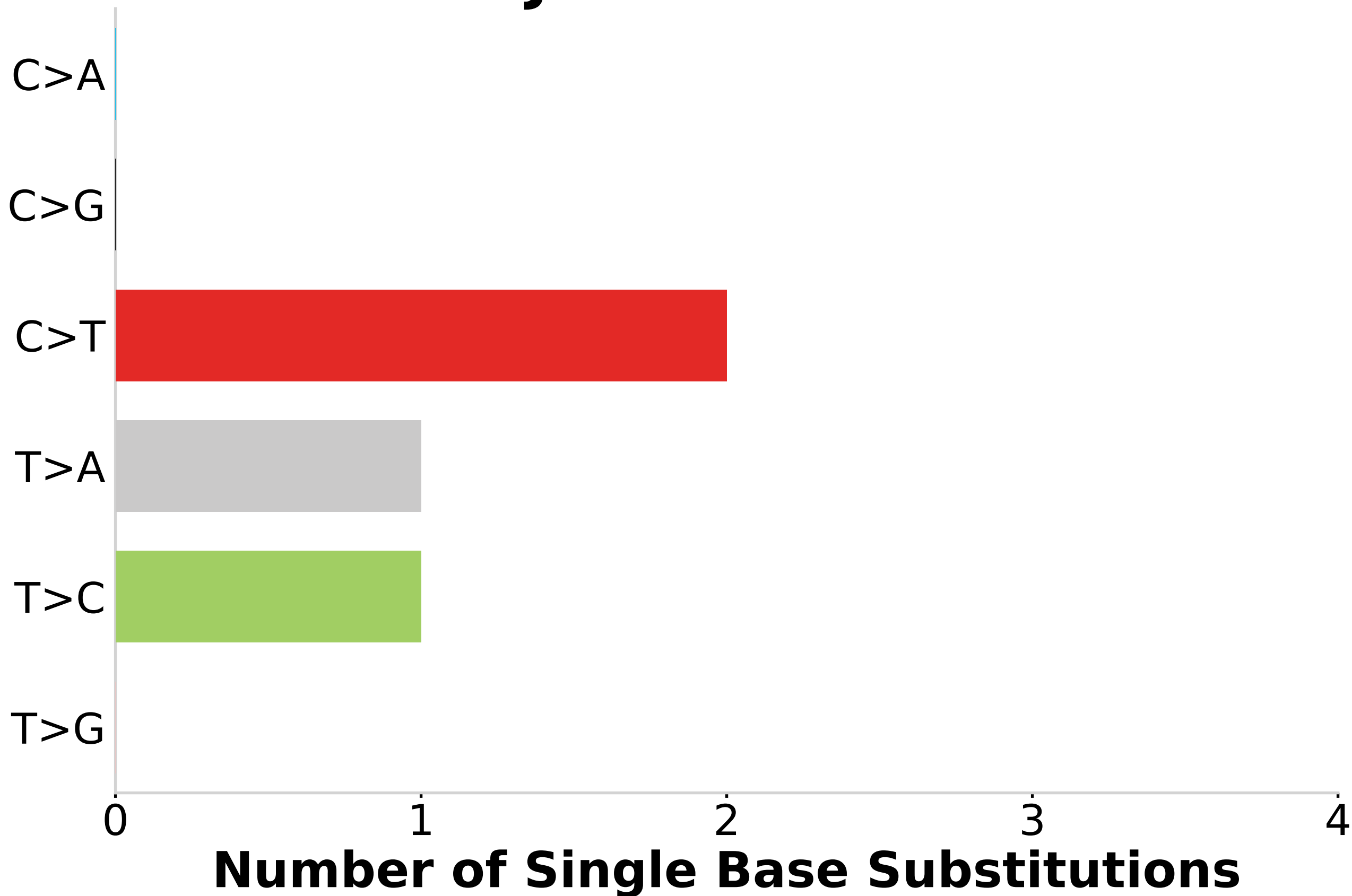
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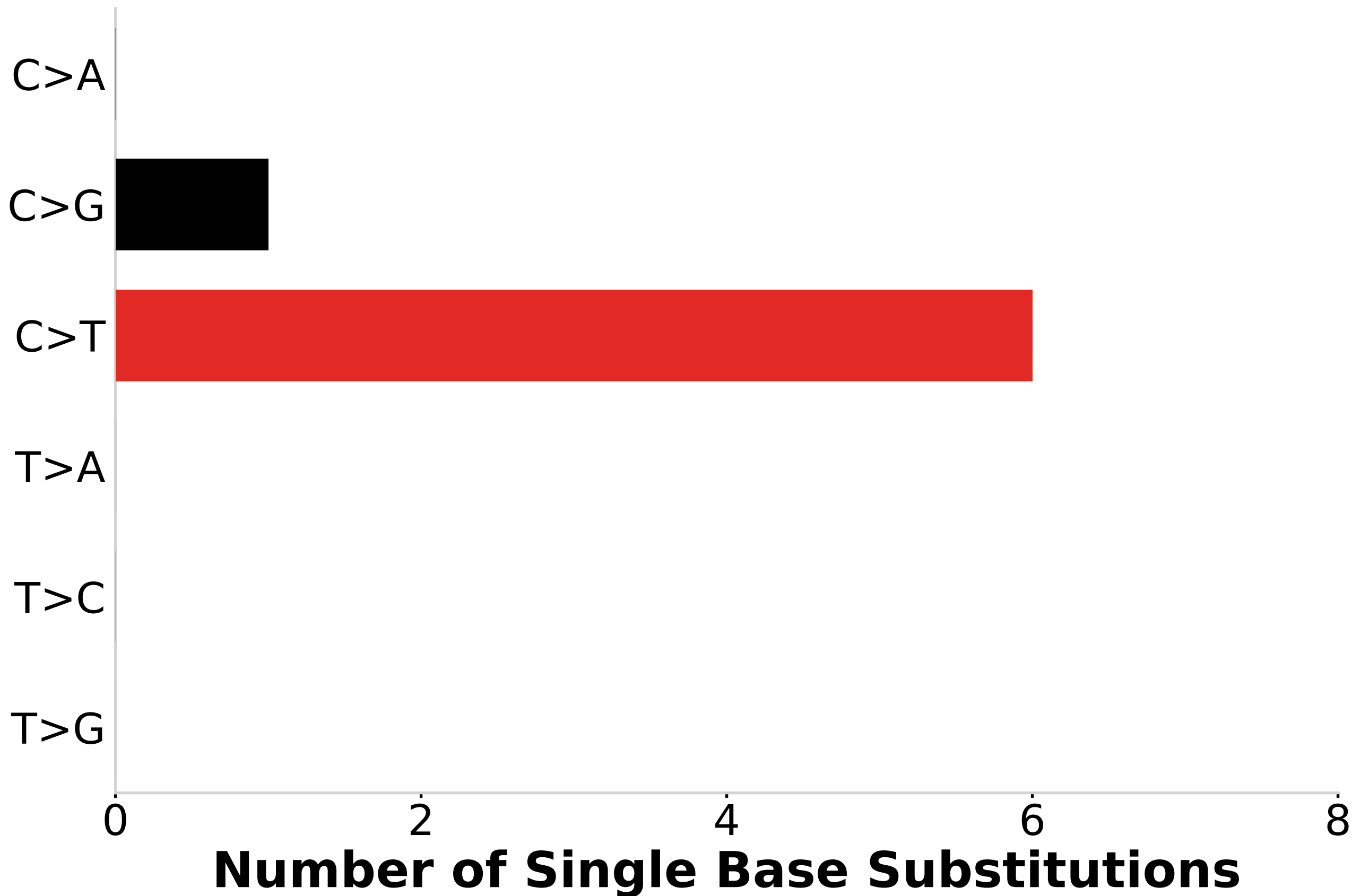
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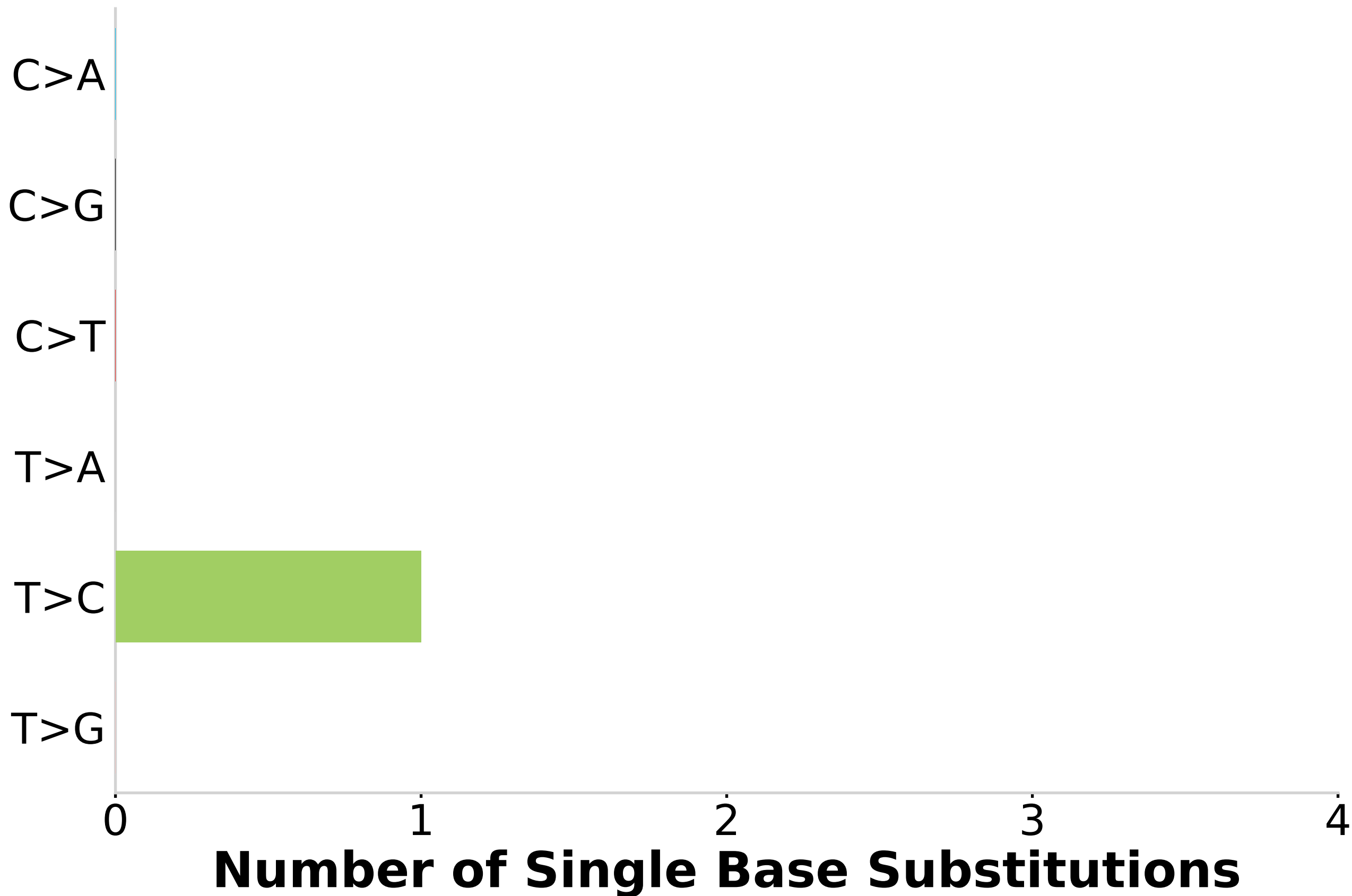
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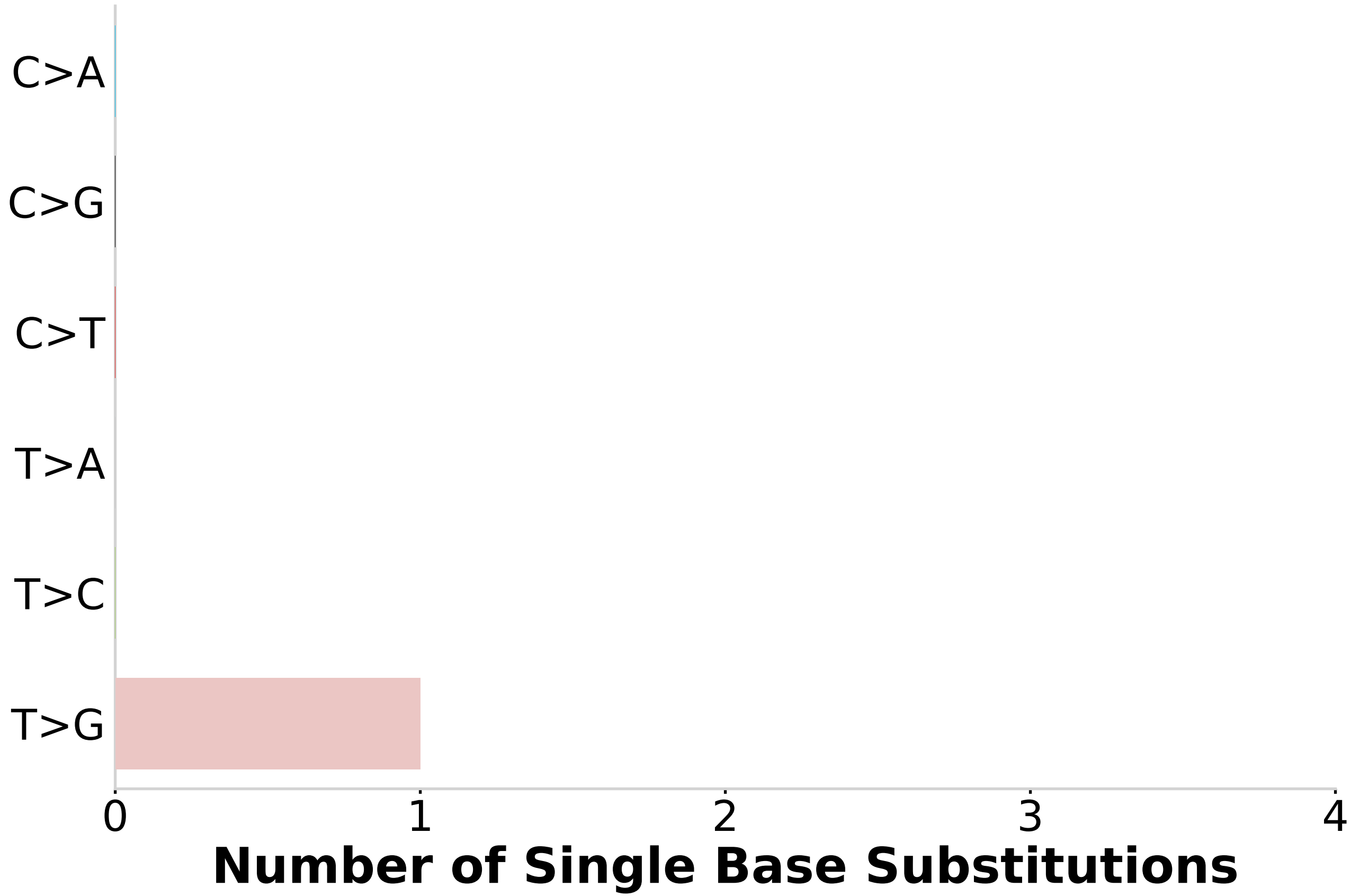
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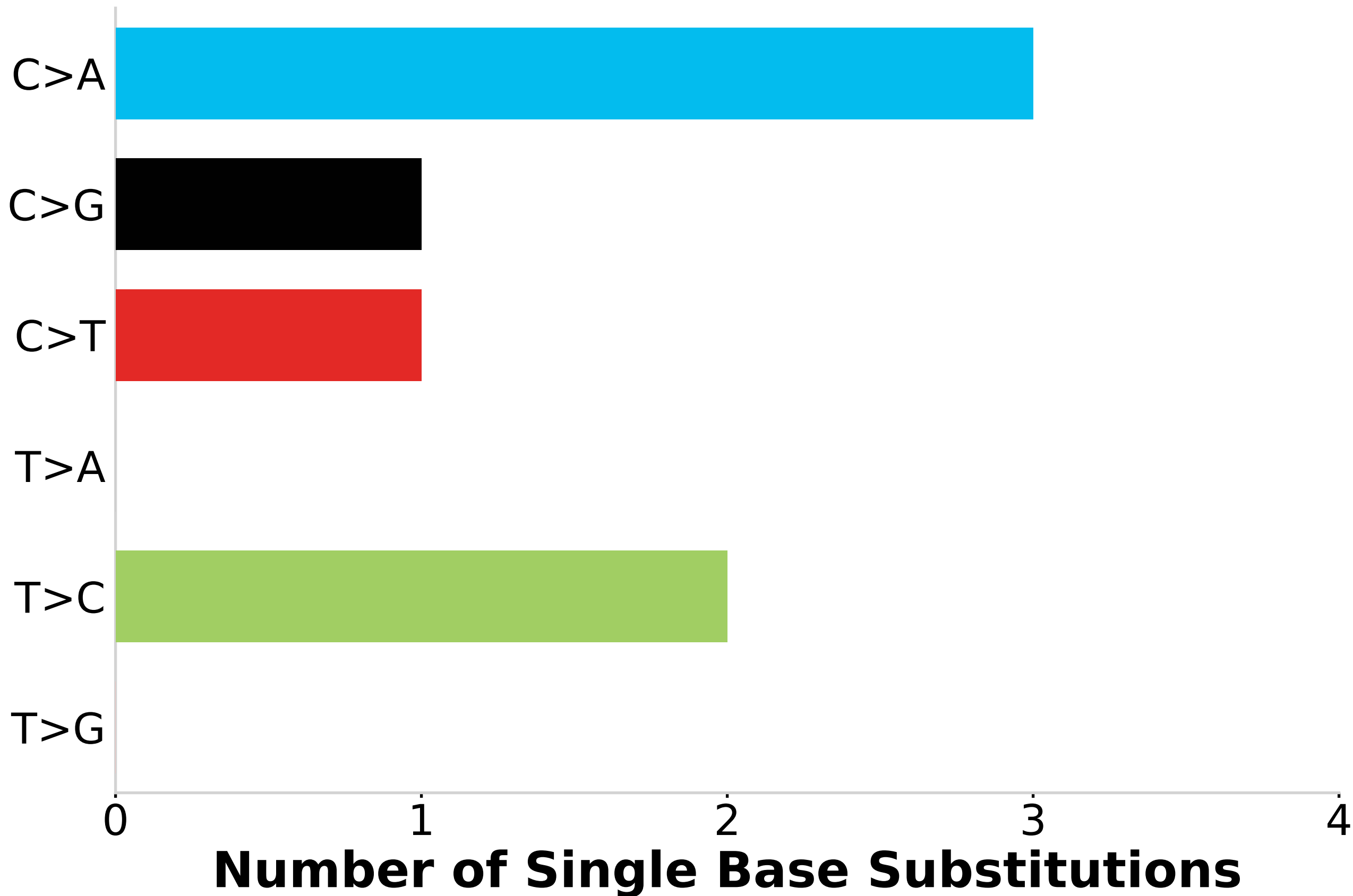
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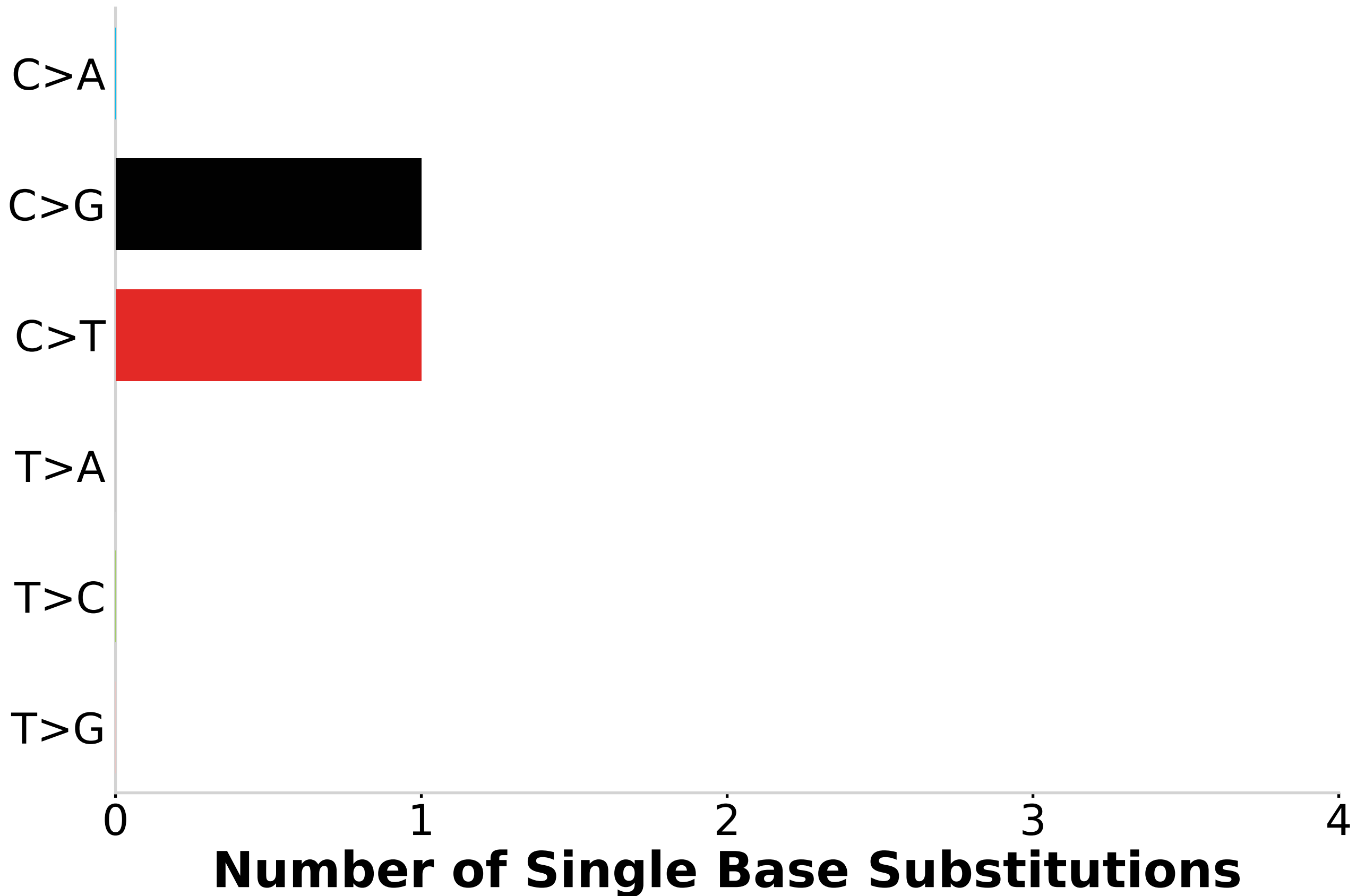
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TCGA-B6-A0RE-01A-11W-A071-09: 7 subs



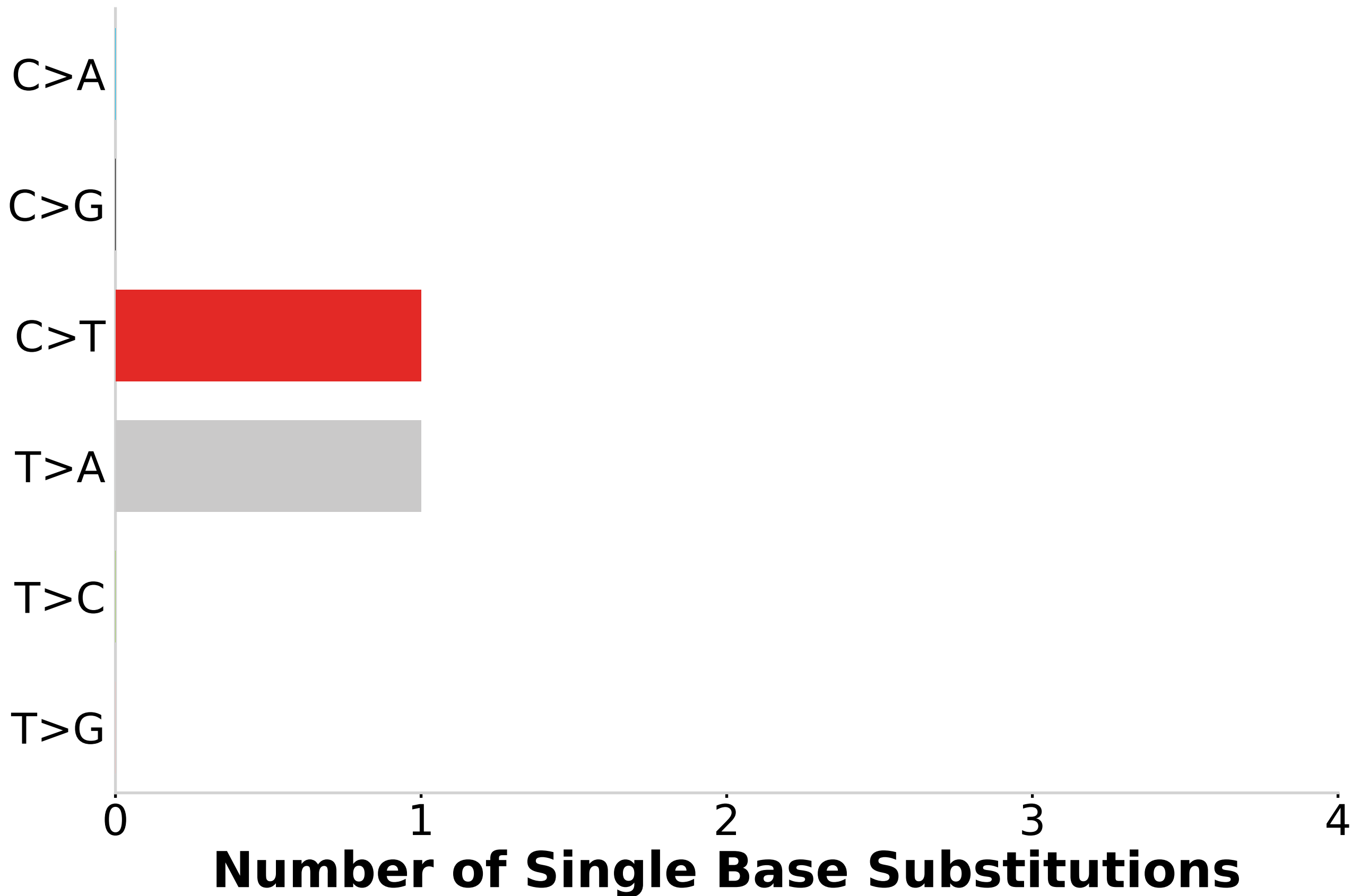
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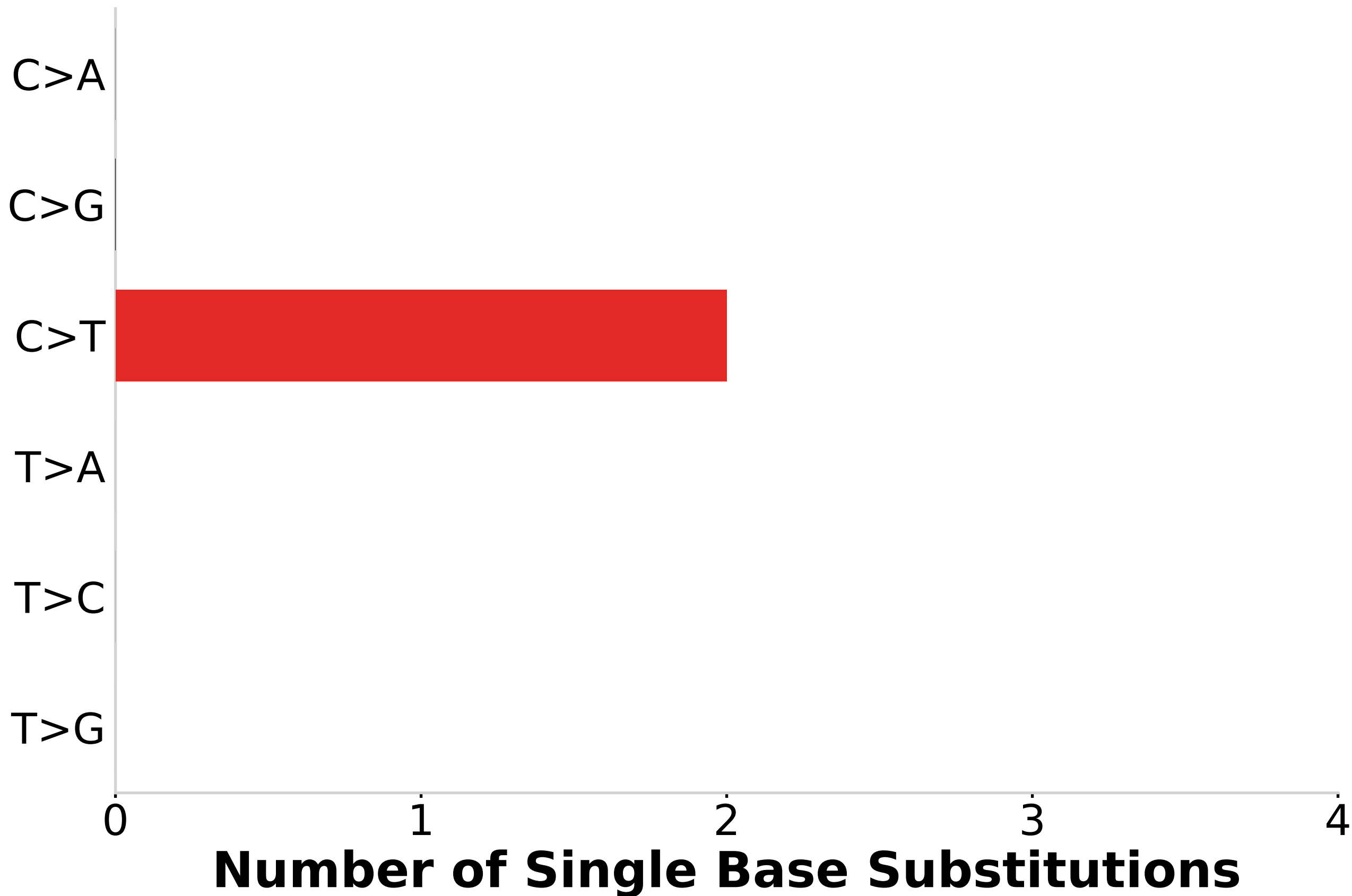
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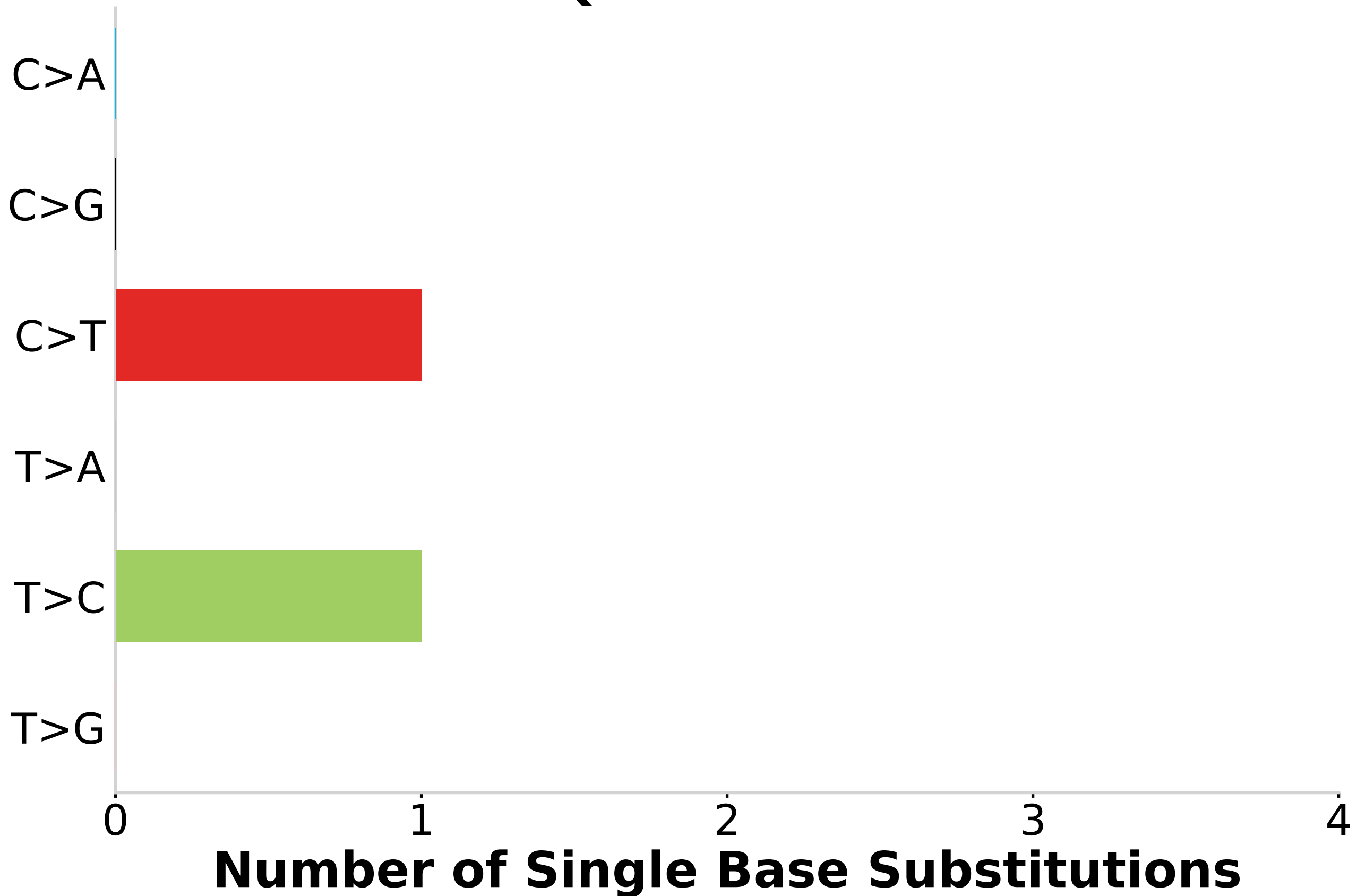
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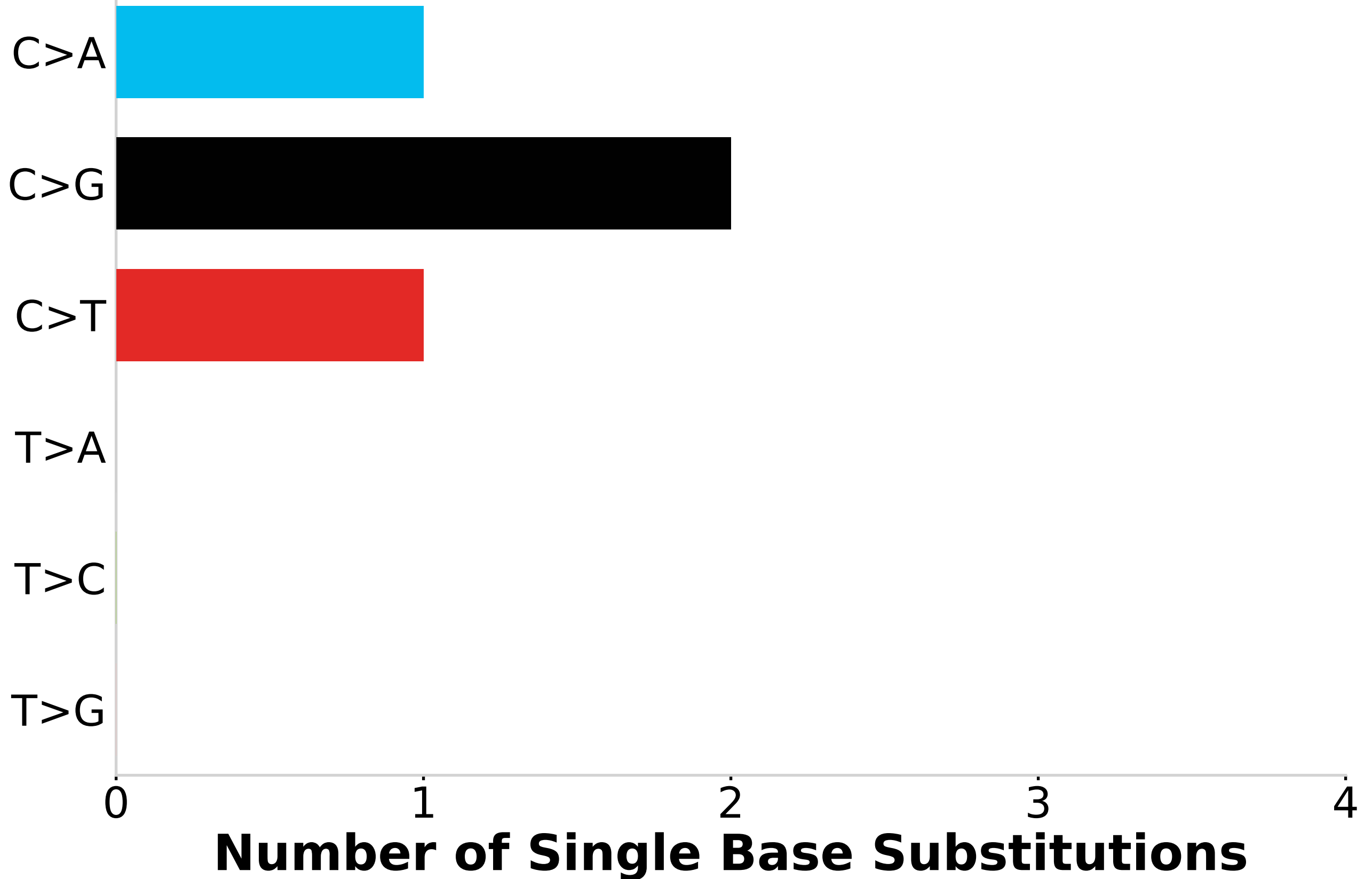
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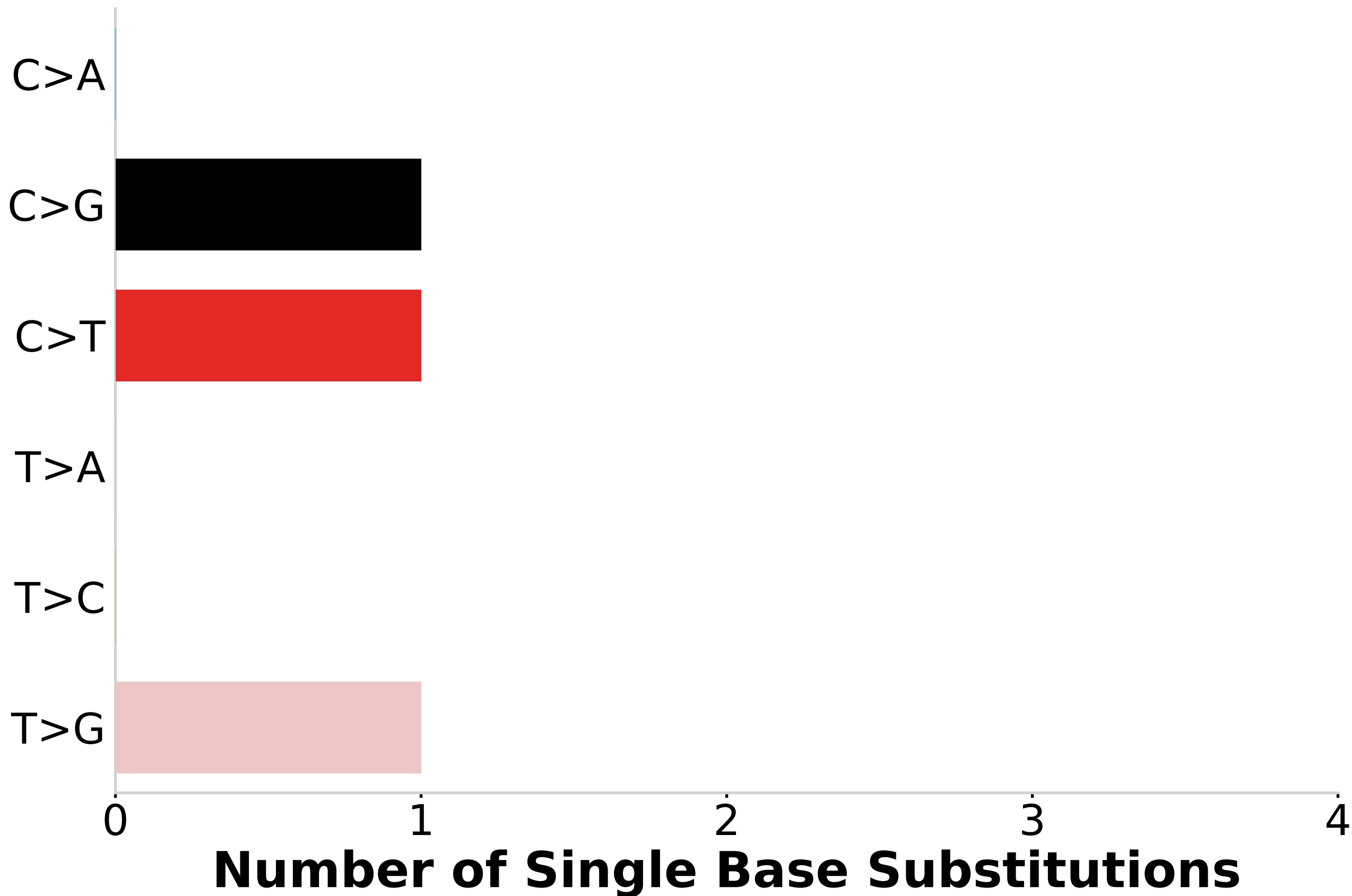
TCGA-B6-A0RQ-01A-11D-A10Y-09: 2 subs



TCGA-B6-A0RS-01A-11D-A099-09: 4 subs



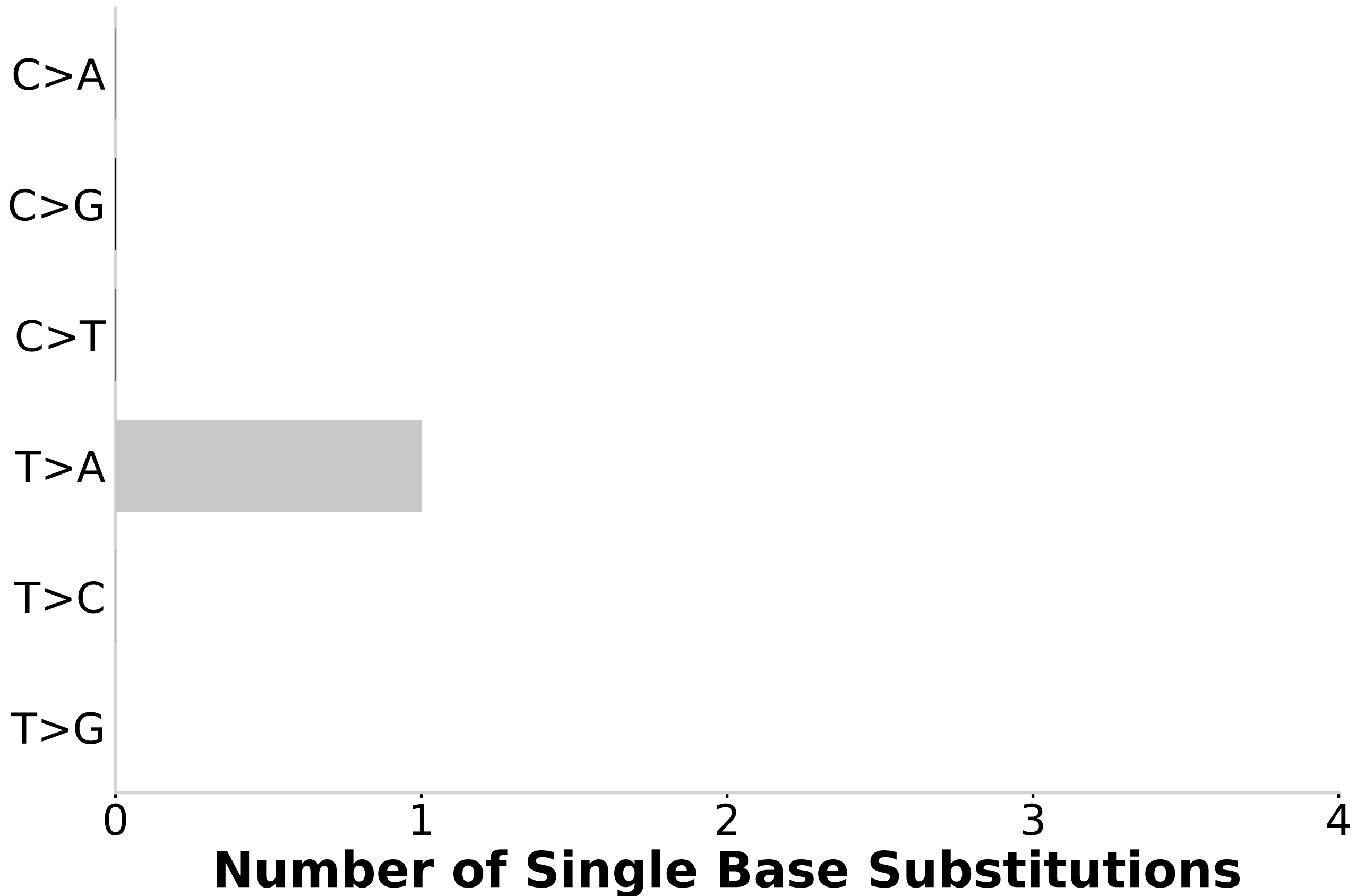
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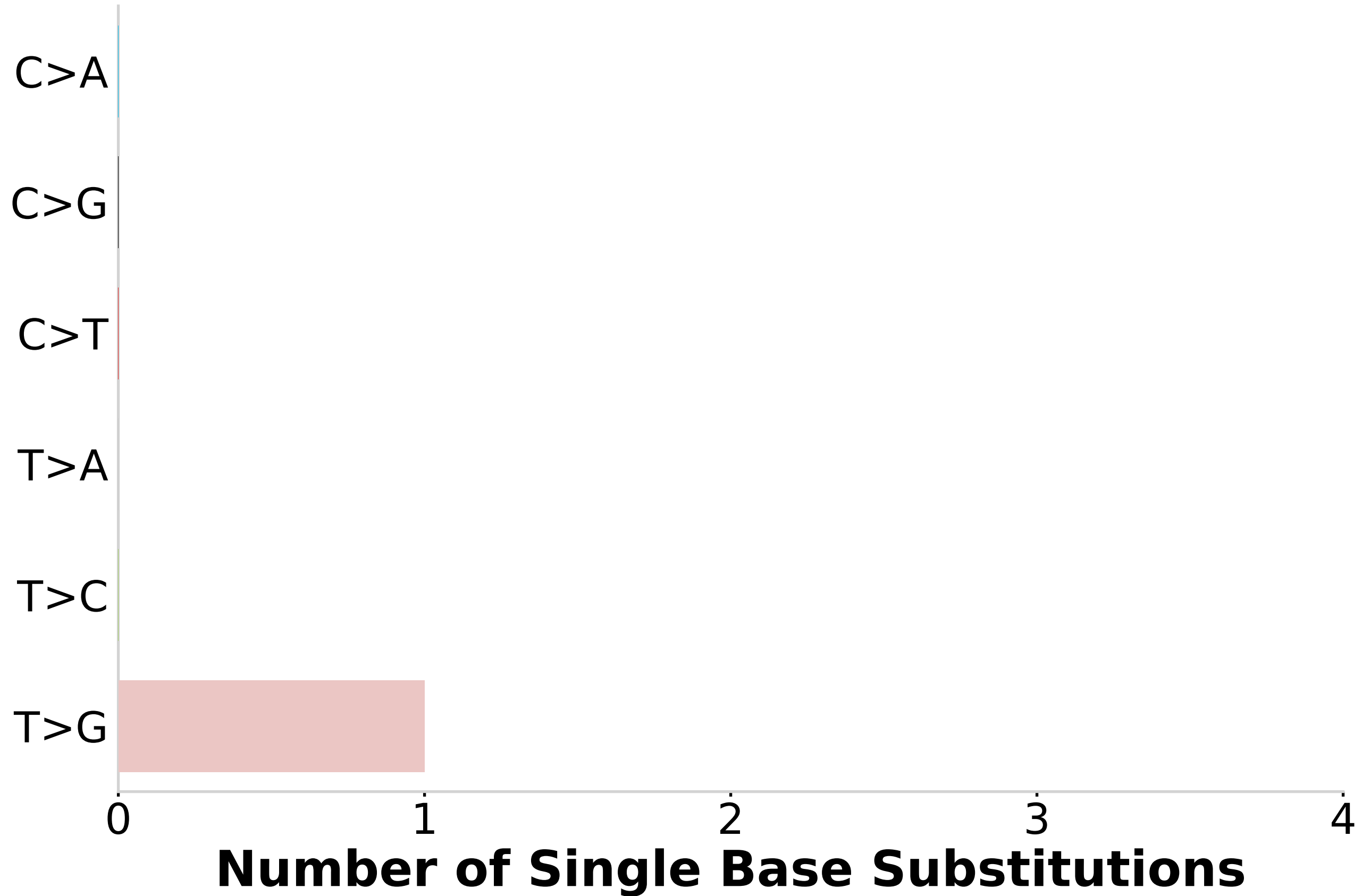
TCGA-B6-A0RU-01A-11D-A099-09: 1 subs



TCGA-B6-A0WS-01A-11D-A10Y-09: 1 subs



TCGA-B6-A0WY-01A-11D-A10G-09: 1 subs



TCGA-B6-A0WZ-01A-11D-A10G-09: 4 subs

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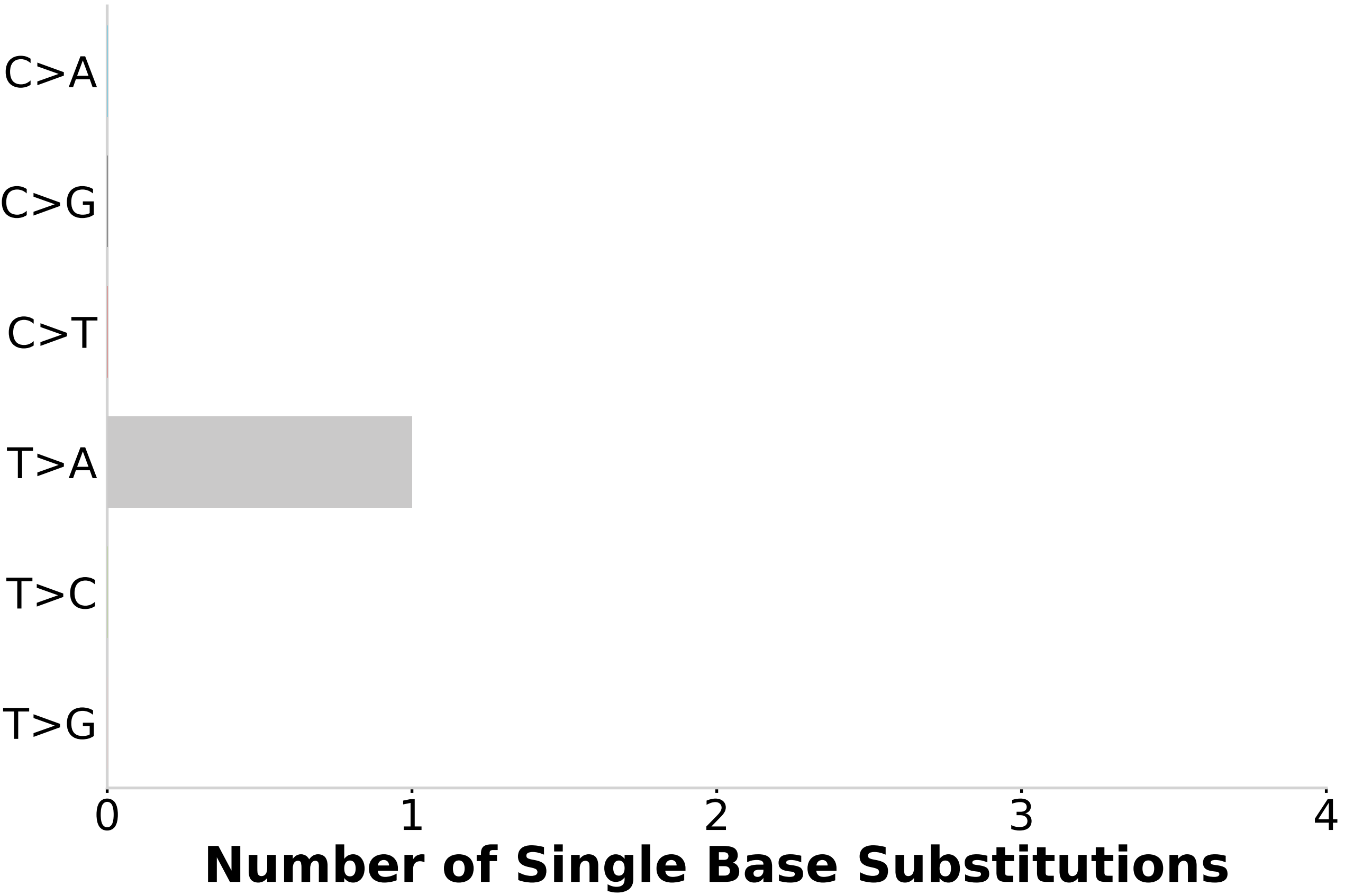
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Number of Single Base Substitutions



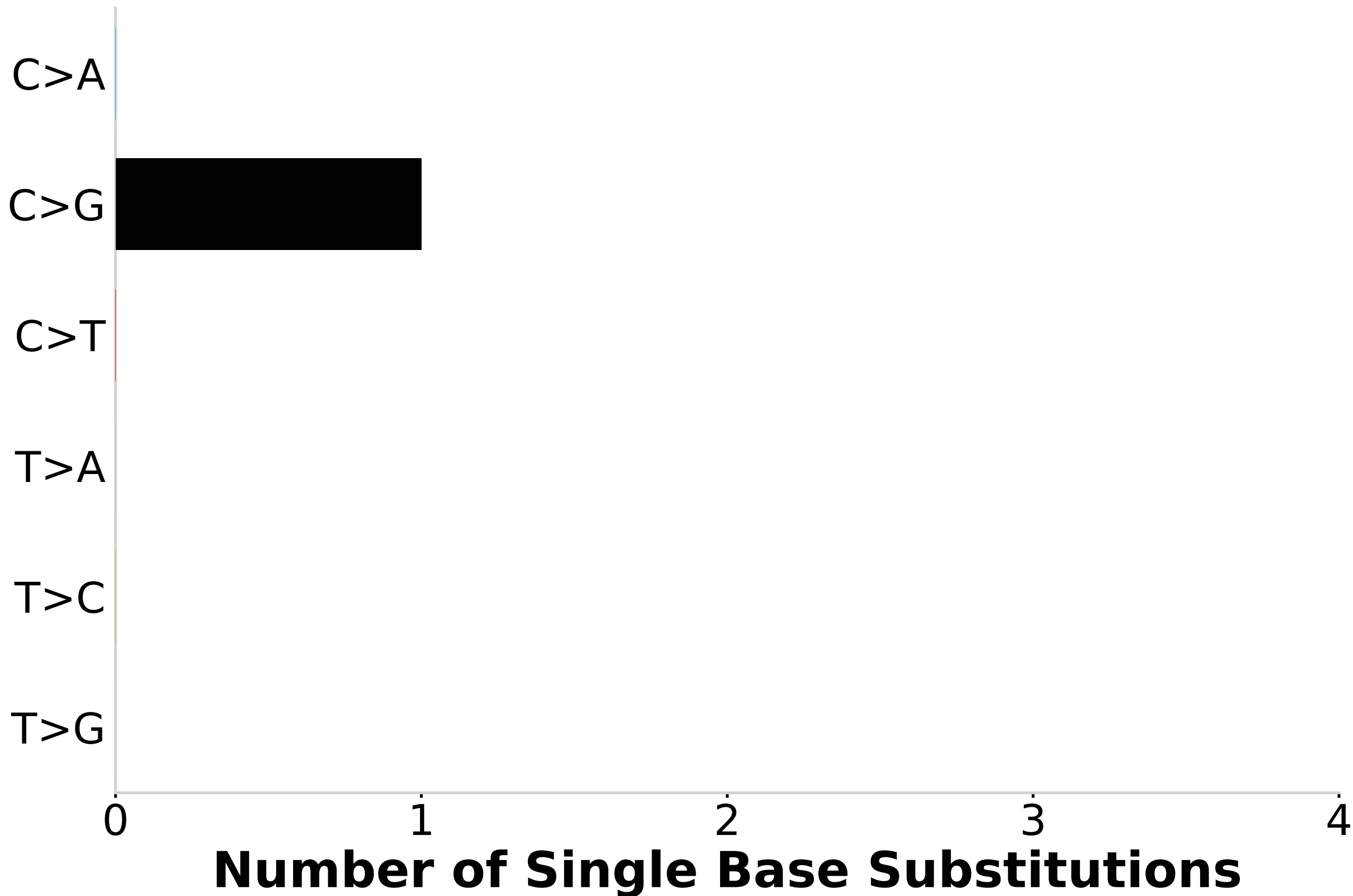
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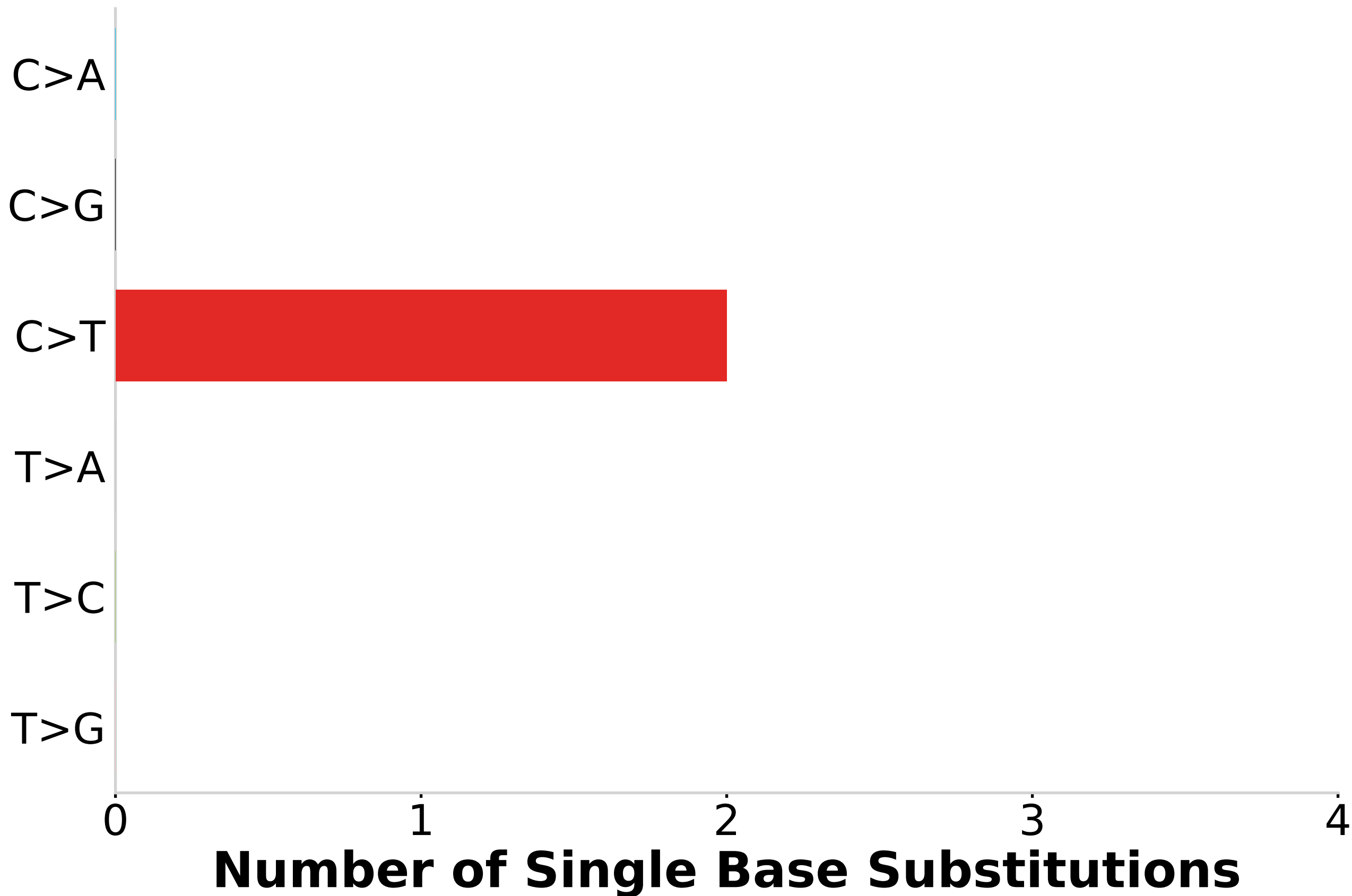
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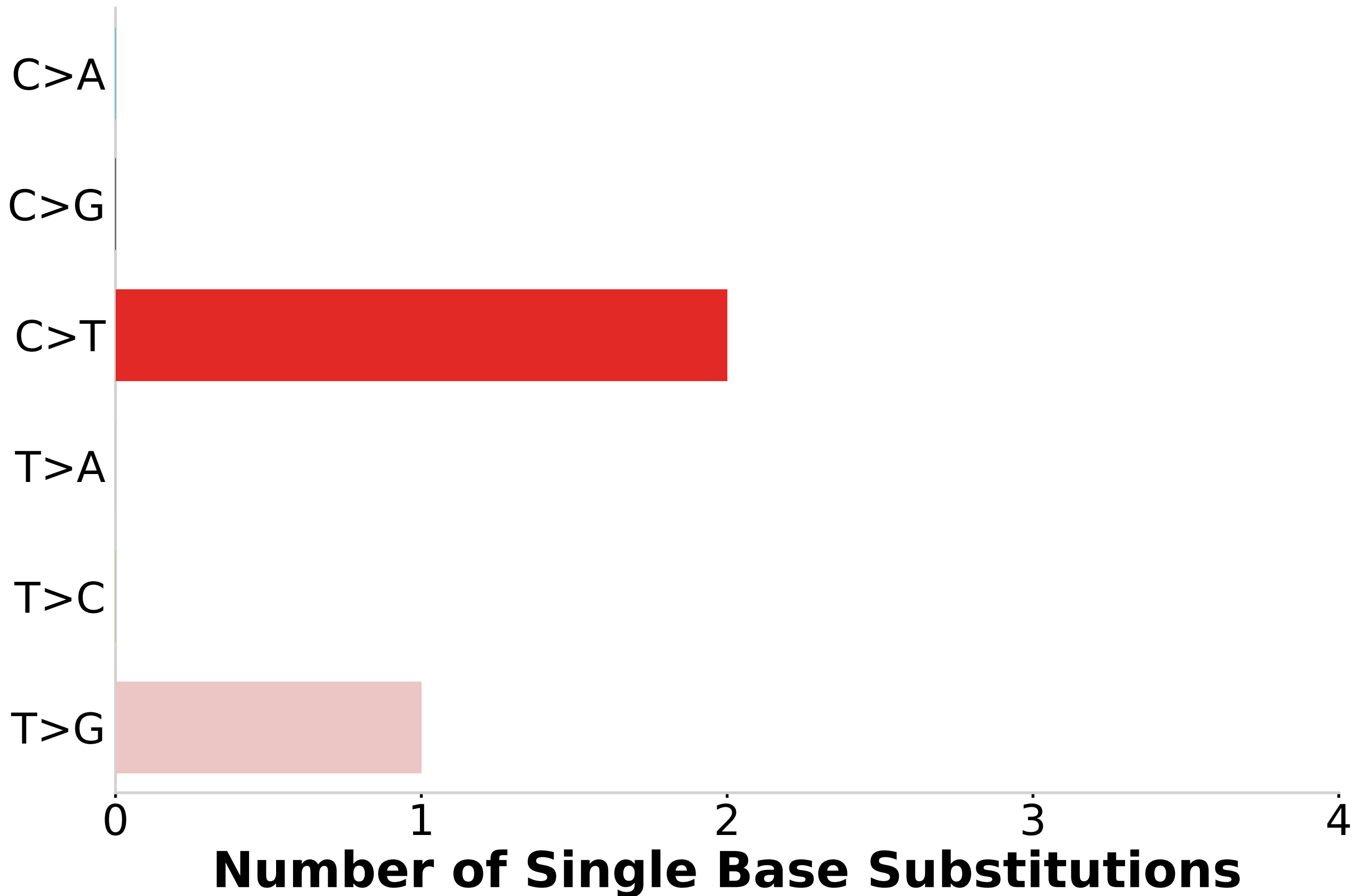
TCGA-B6-A0X5-01A-21D-A10G-09: 1 subs



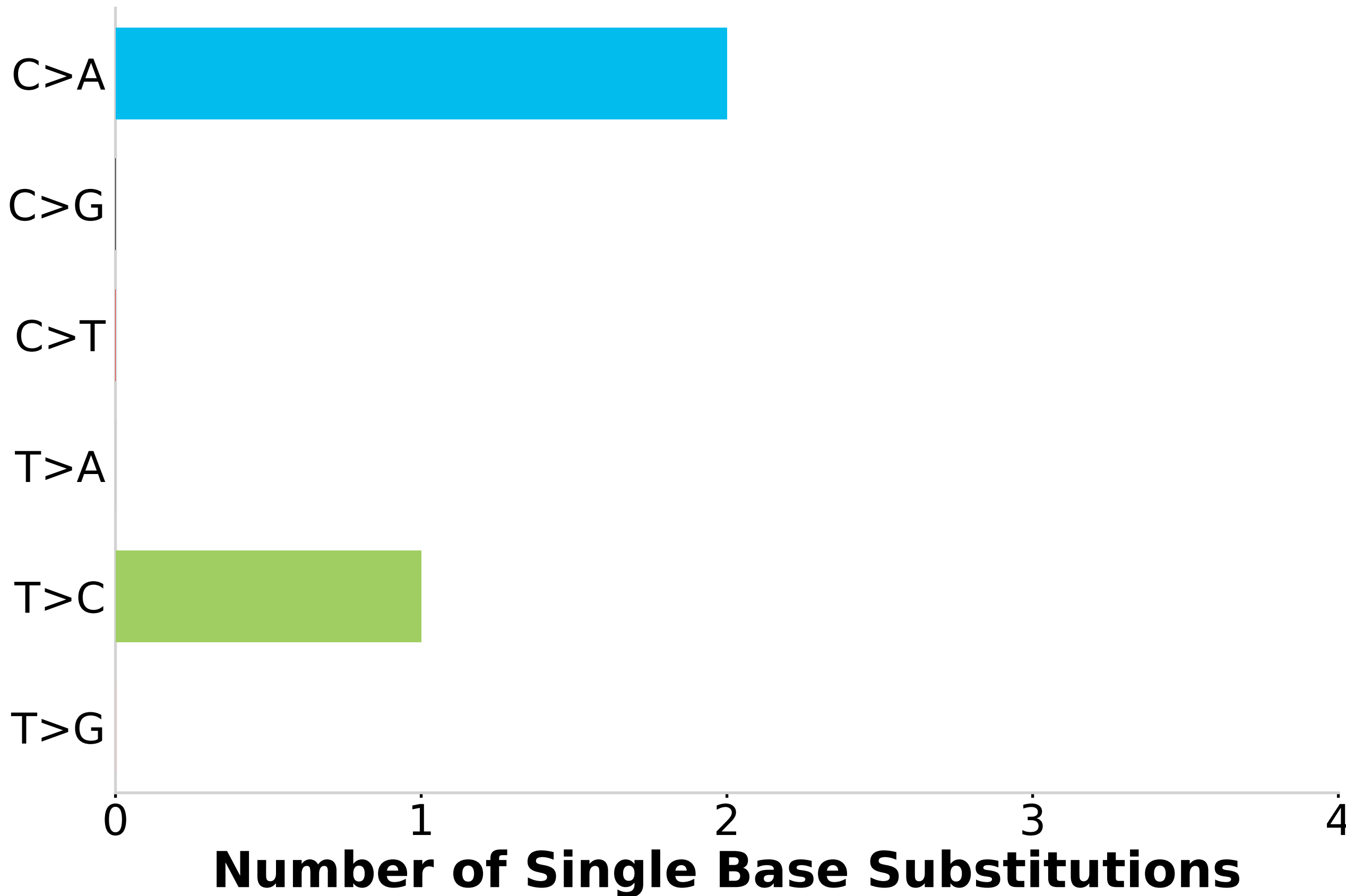
TCGA-B6-A1KF-01A-11D-A13L-09: 2 subs



TCGA-B6-A401-01A-11D-A23C-09: 3 subs



TCGA-B6-A409-01A-11D-A243-09: 3 subs



TCGA-B6-A40B-01A-11D-A23C-09: 1 subs



TCGA-B6-A40C-01A-11D-A23C-09: 3 subs

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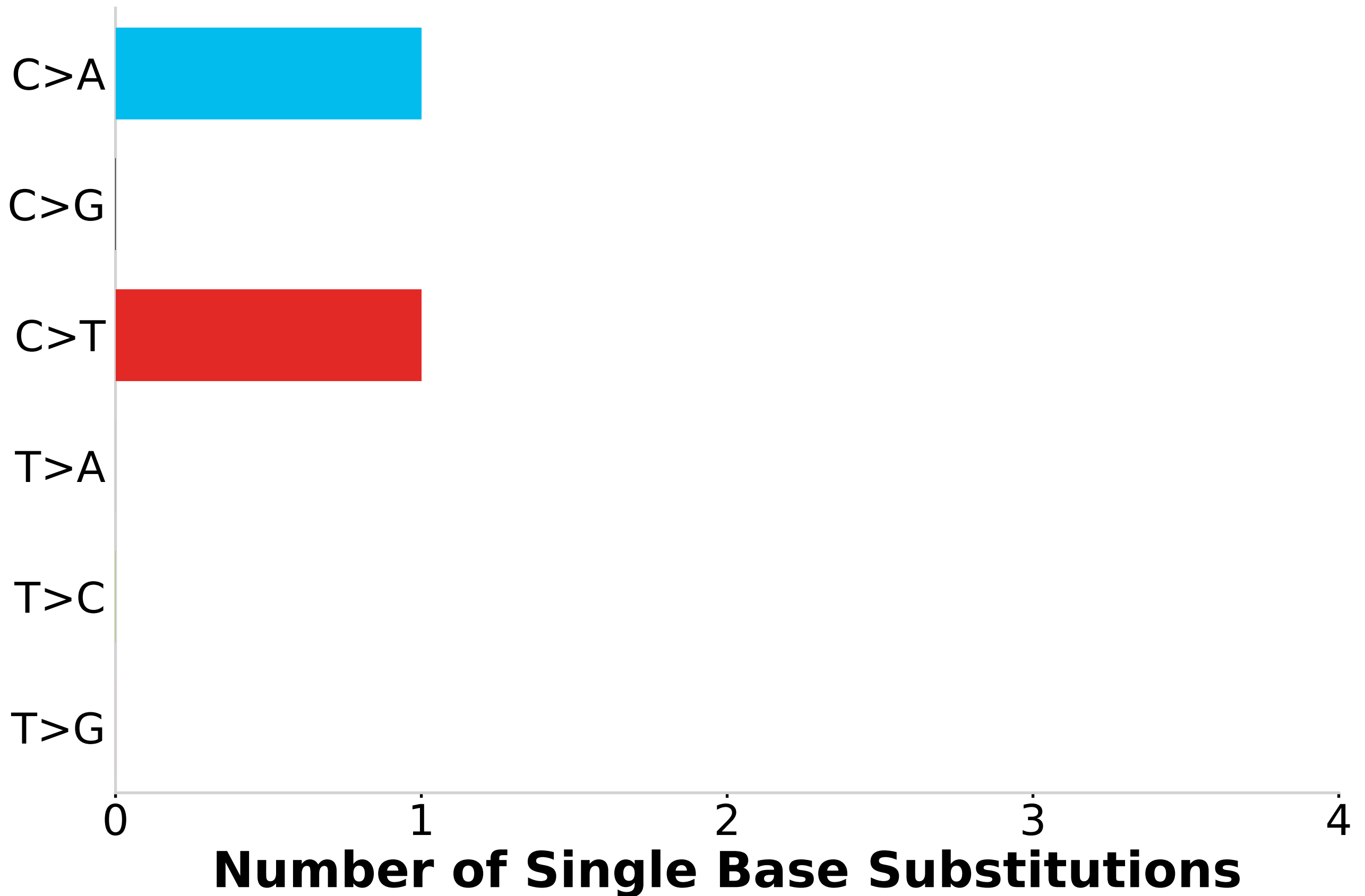
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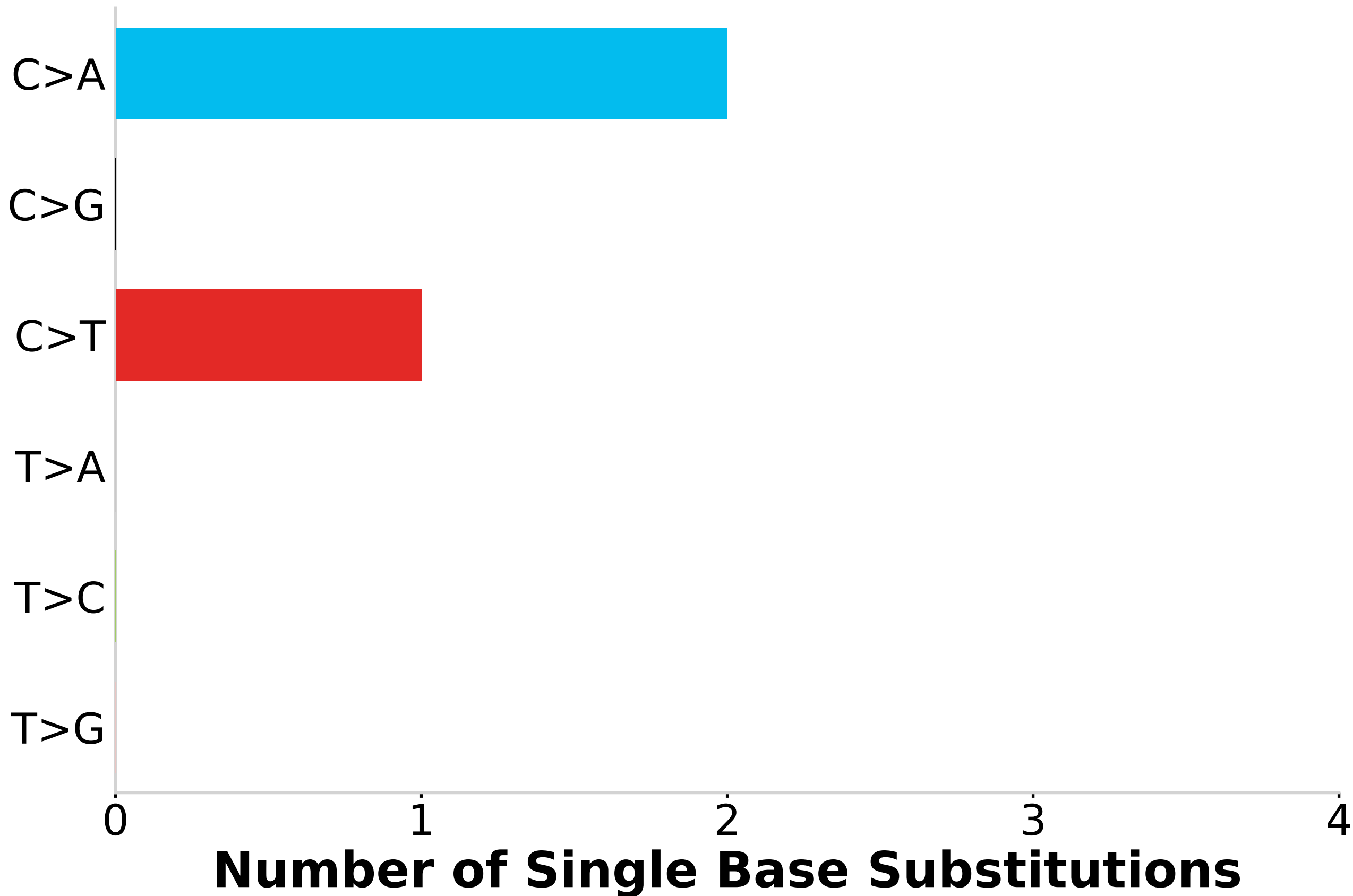
Number of Single Base Substitutions



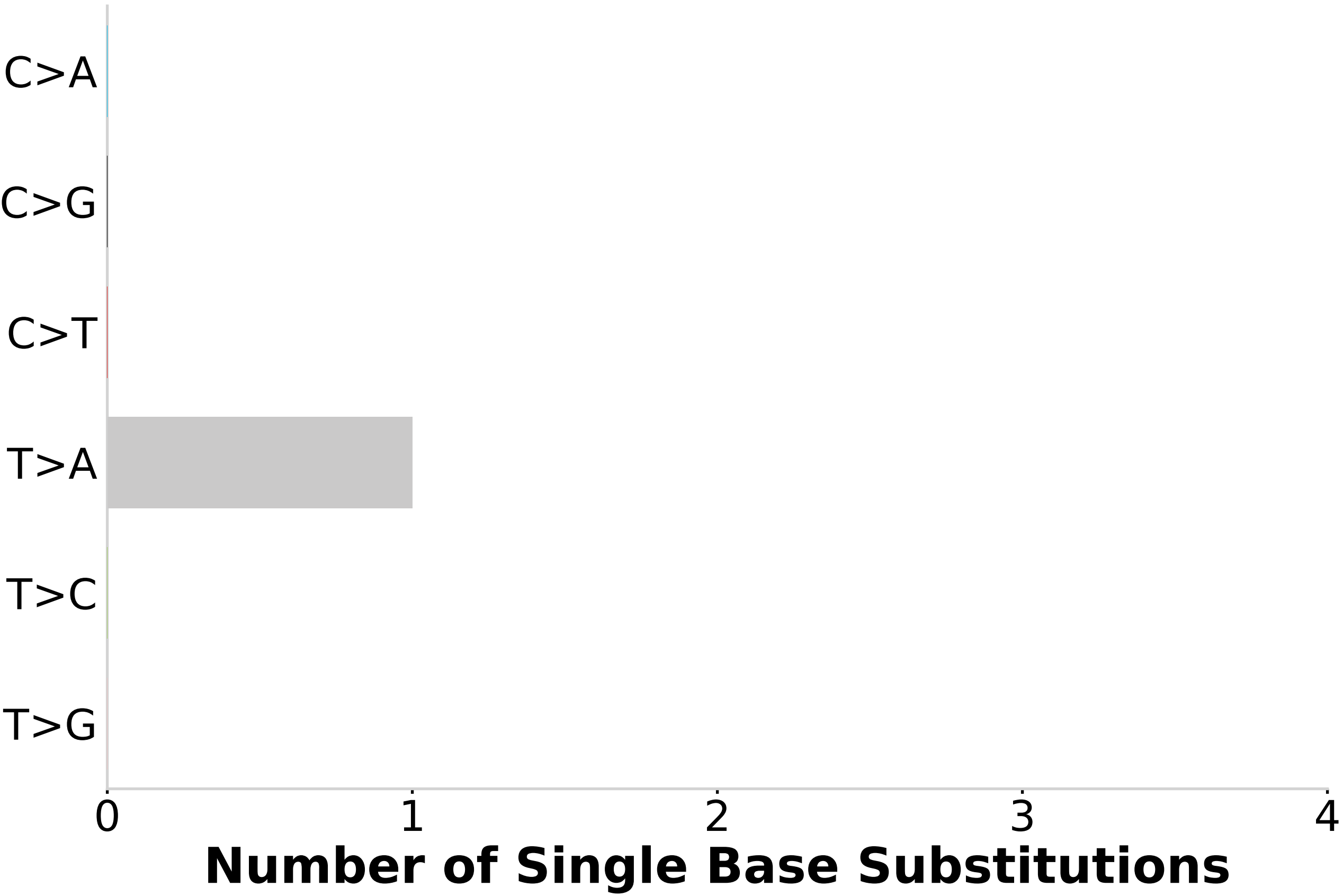
TCGA-BH-A0AV-01A-31D-A10Y-09: 2 subs



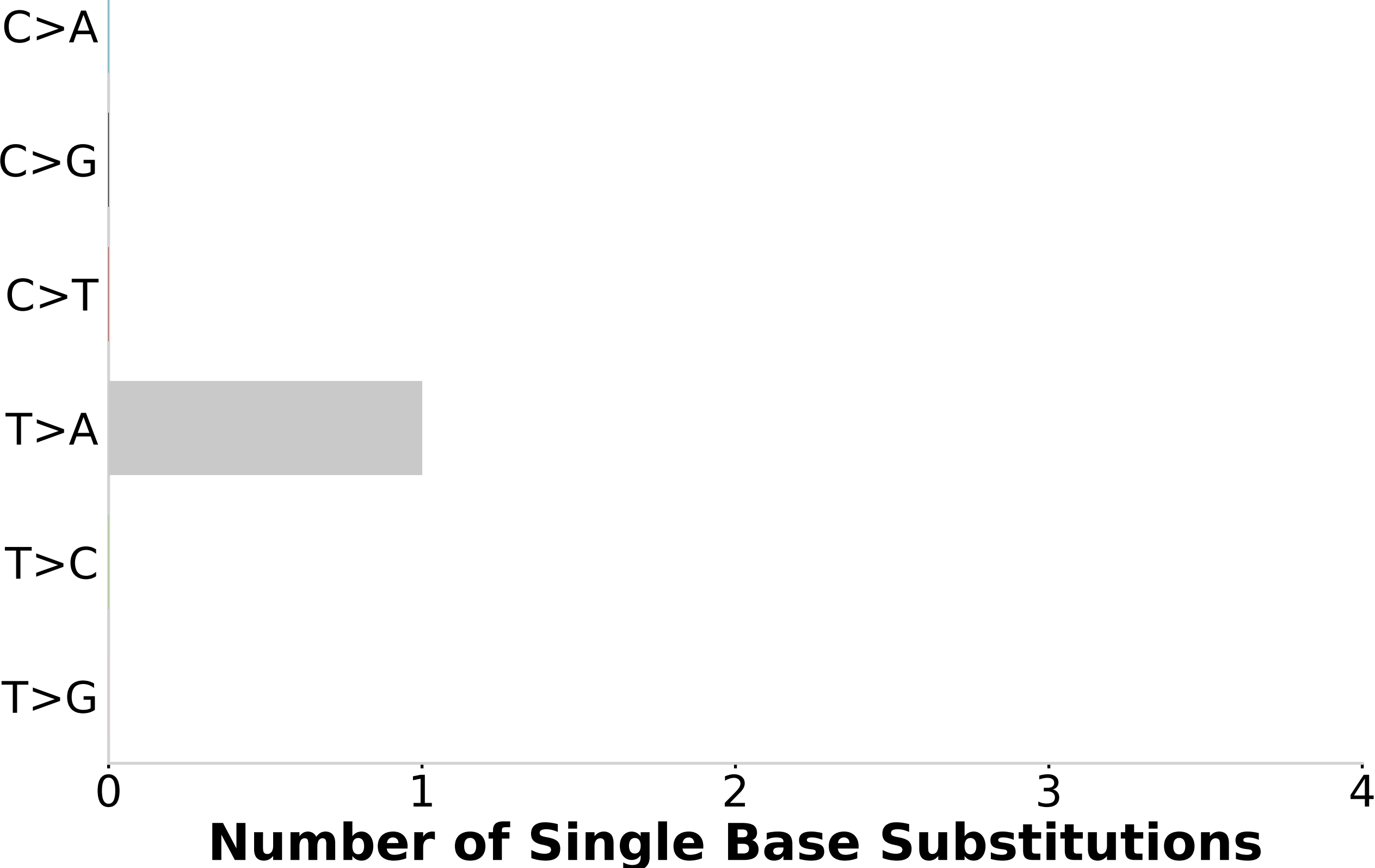
TCGA-BH-A0AW-01A-11W-A071-09: 3 subs



TCGA-BH-A0AY-01A-21W-A019-09: 1 subs



TCGA-BH-A0AZ-01A-21D-A12Q-09: 1 subs



TCGA-BH-A0B0-01A-21D-A10Y-09: 4 subs

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T>A

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T>G

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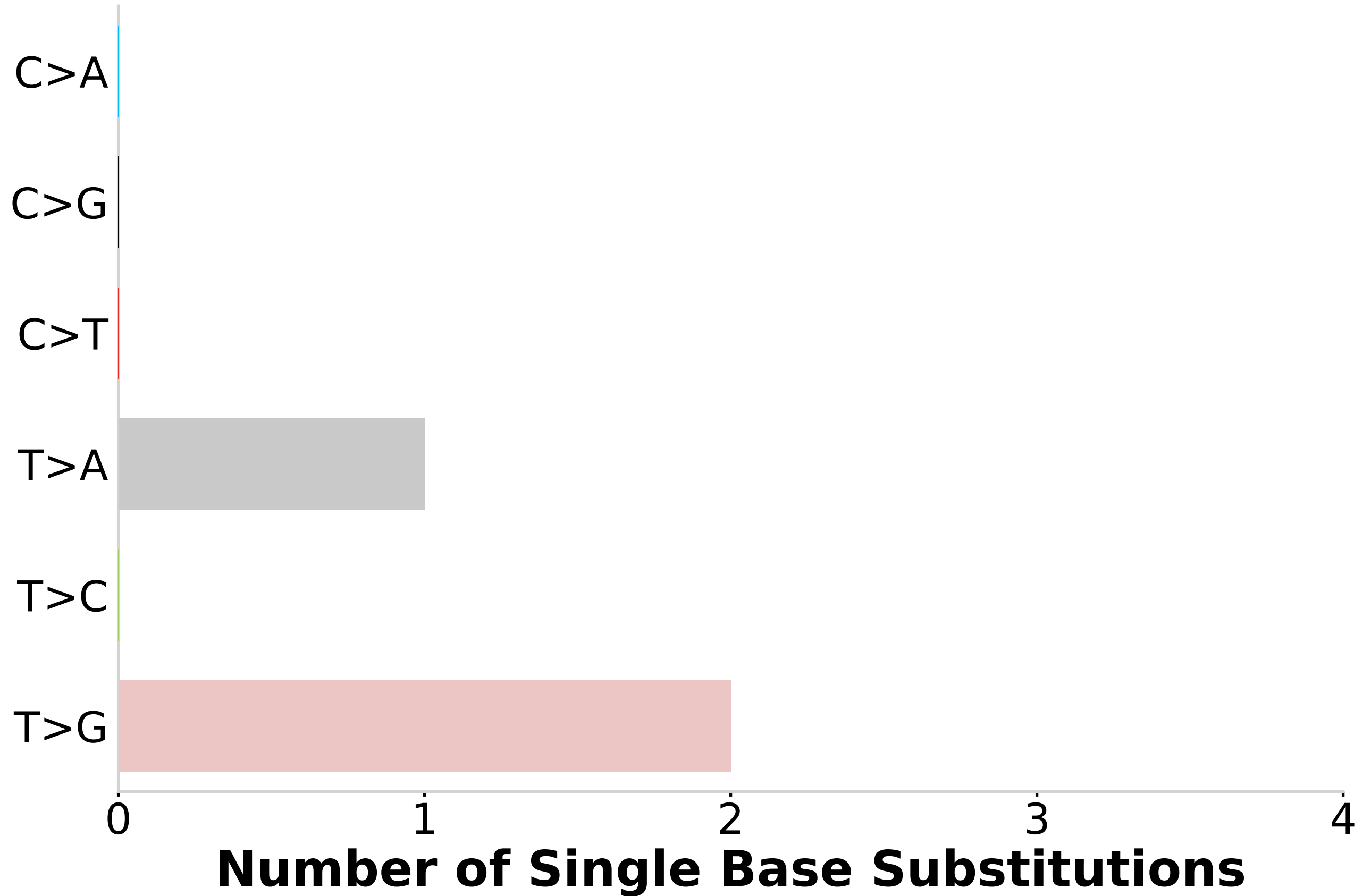
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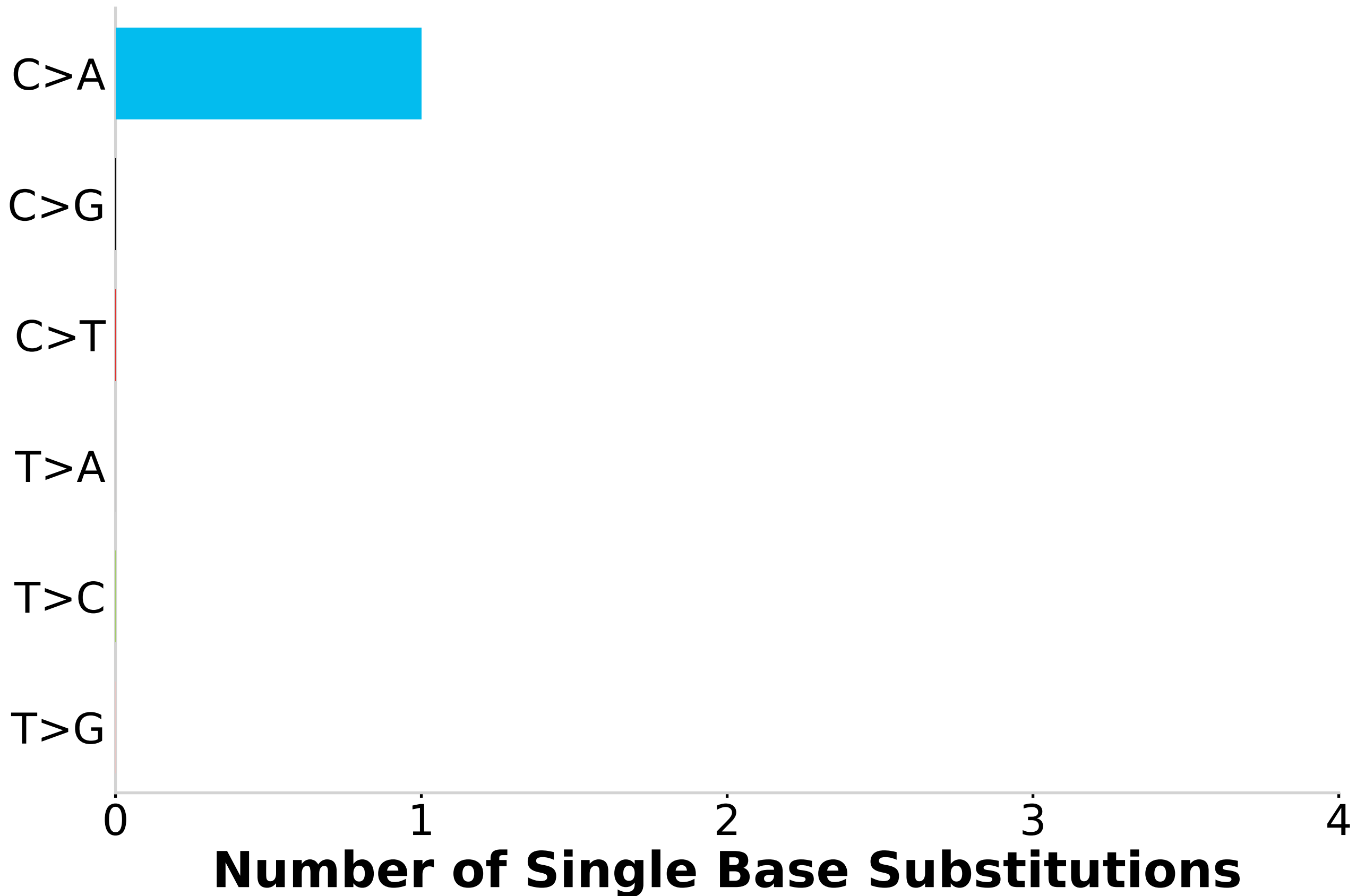
Number of Single Base Substitutions



TCGA-BH-A0B1-01A-12W-A071-09: 3 subs



TCGA-BH-A0B4-01A-11W-A019-09: 1 subs



TCGA-BH-A0B5-01A-11D-A12Q-09: 1 subs

C>A

C>G

C>T

T>A

T>C

T>G

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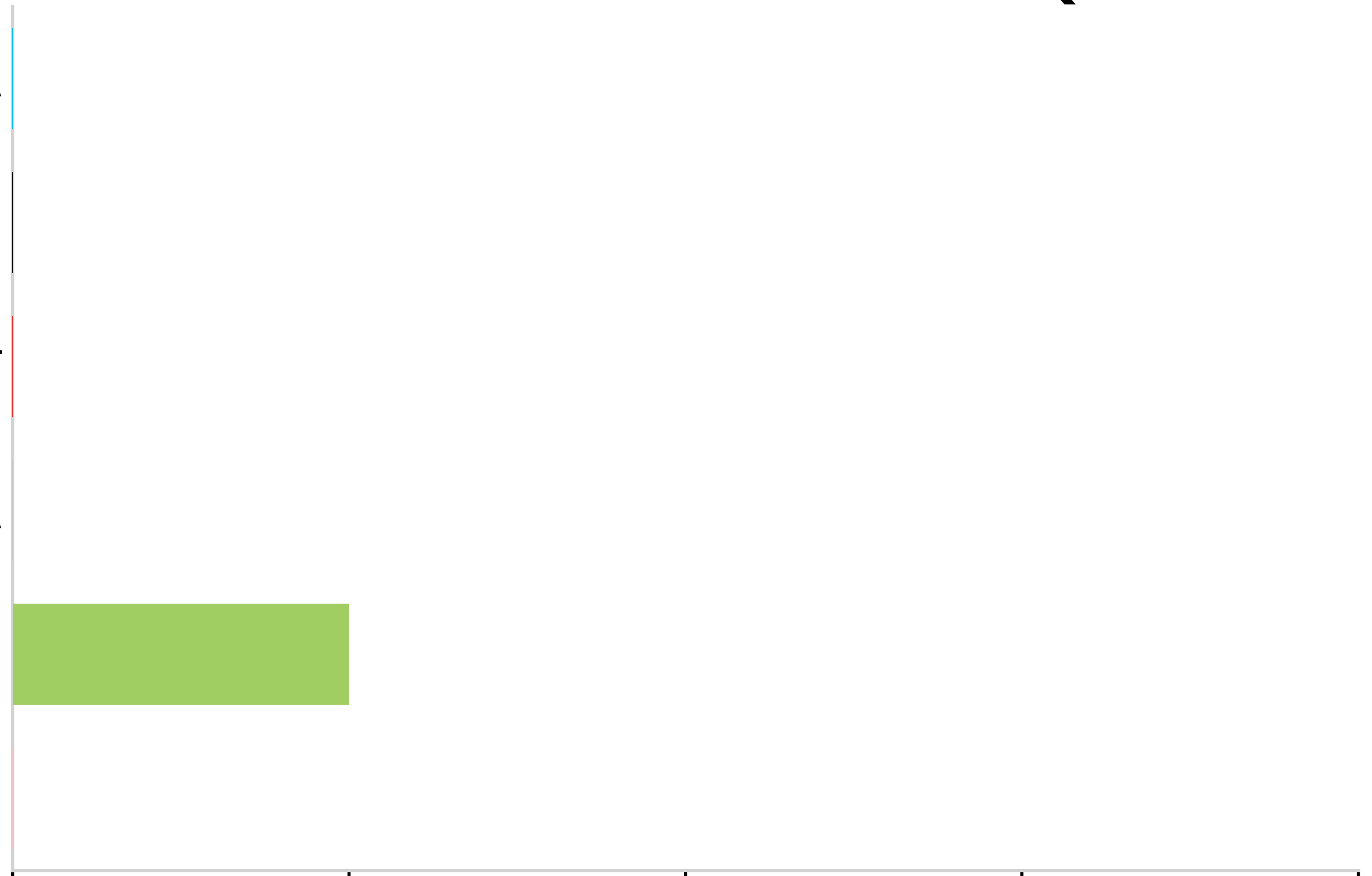
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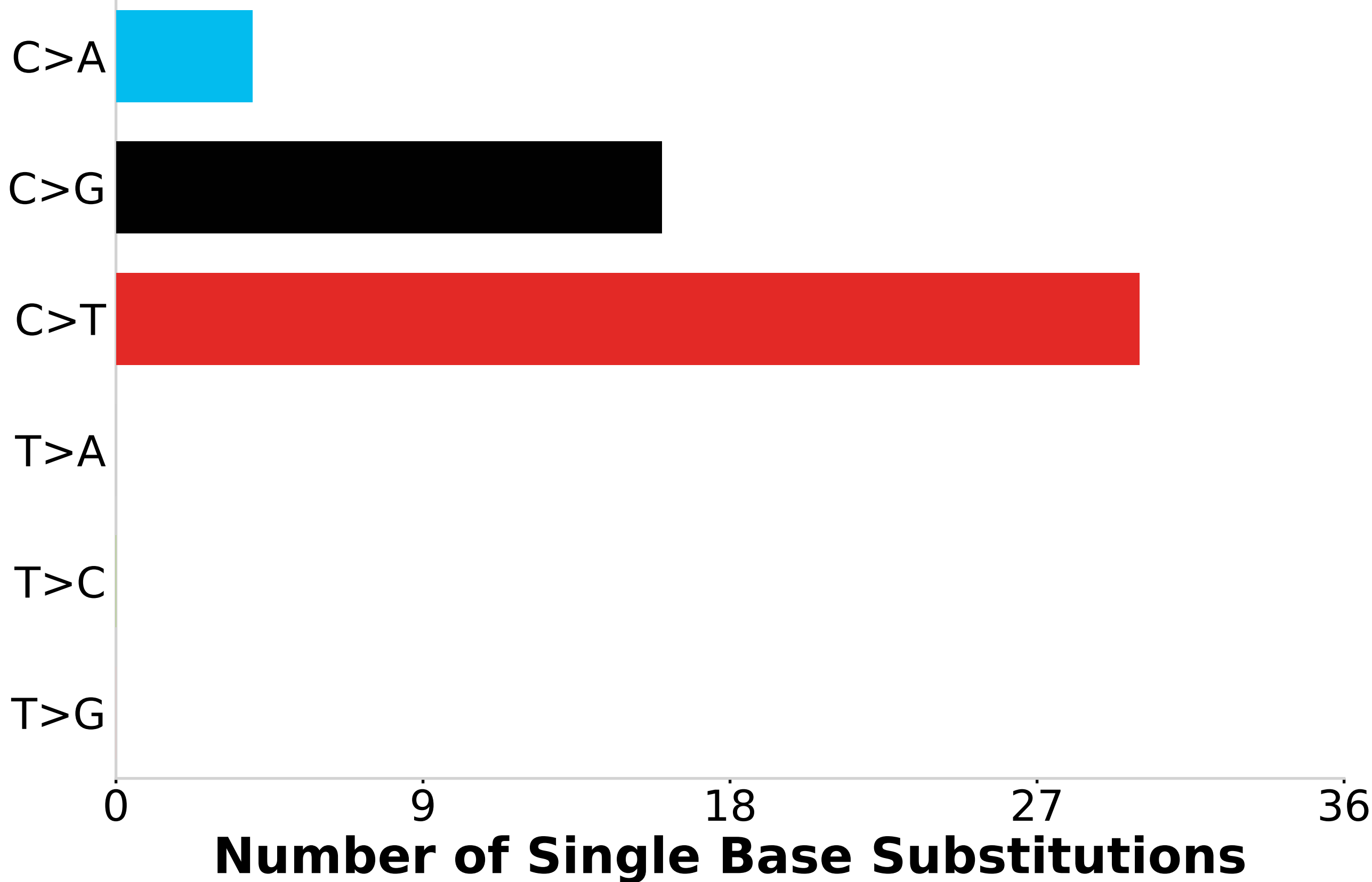
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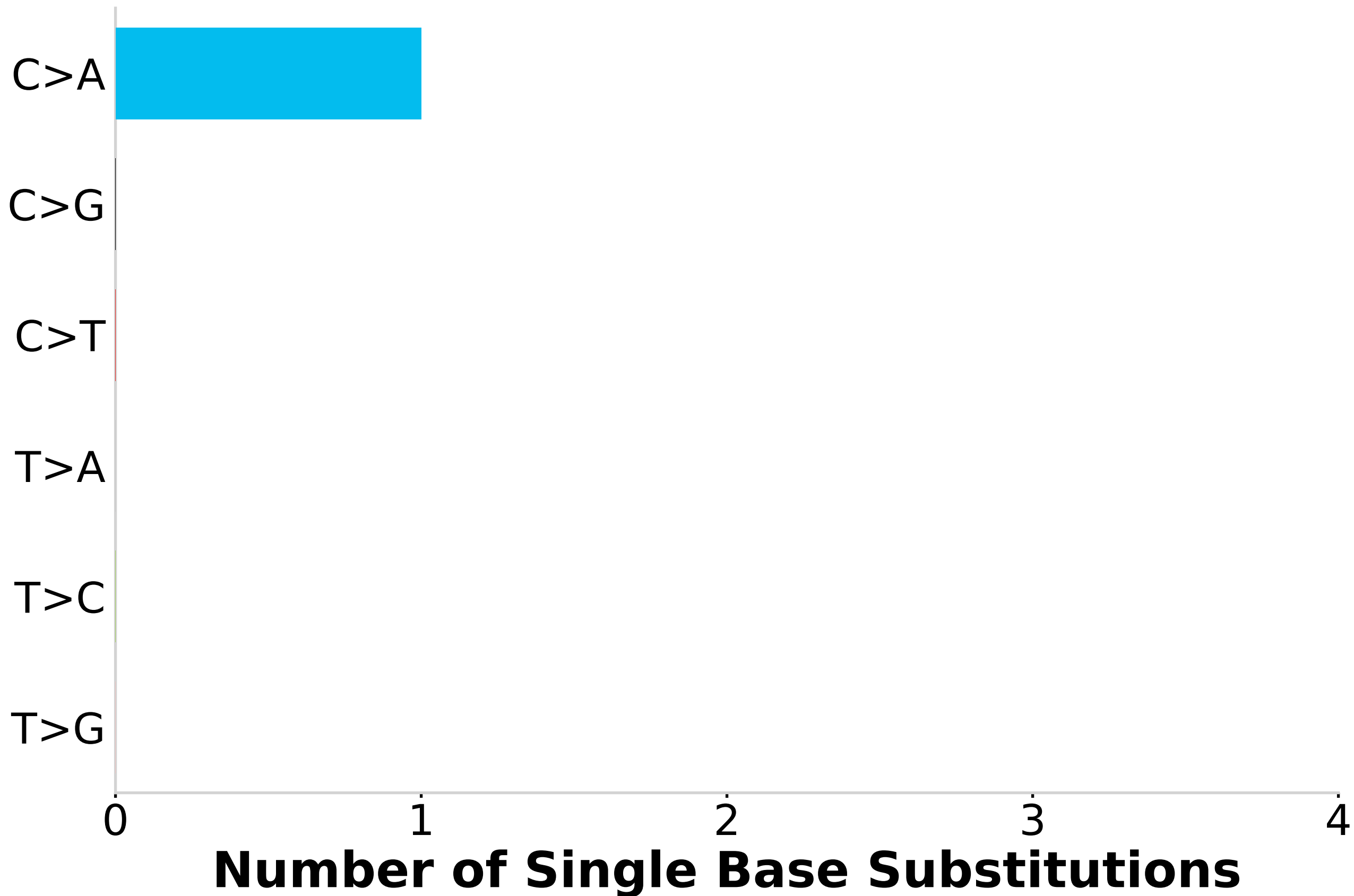
Number of Single Base Substitutions



TCGA-BH-A0B6-01A-11D-A19Y-09: 50 subs



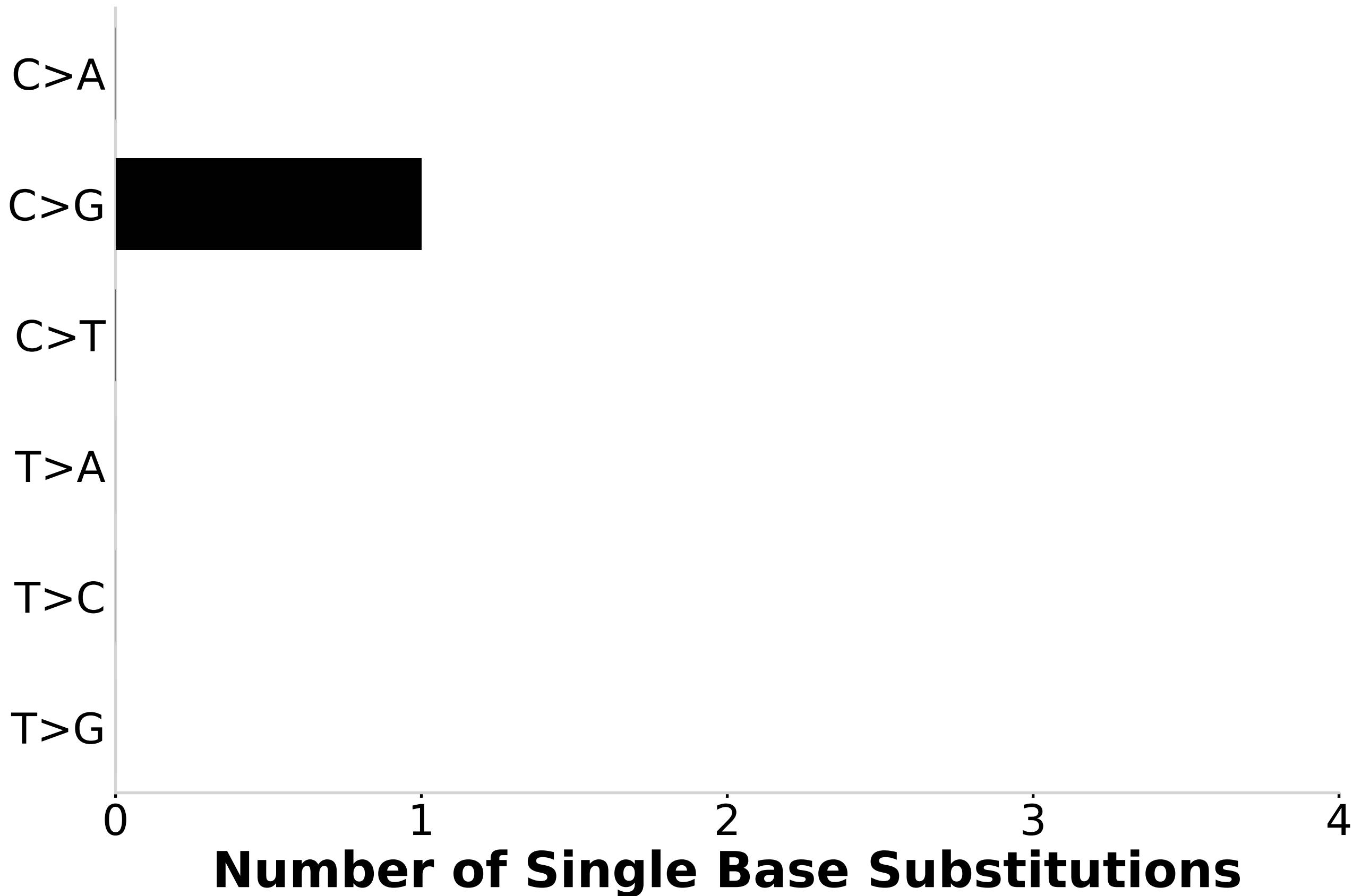
TCGA-BH-A0B8-01A-21W-A071-09: 1 subs



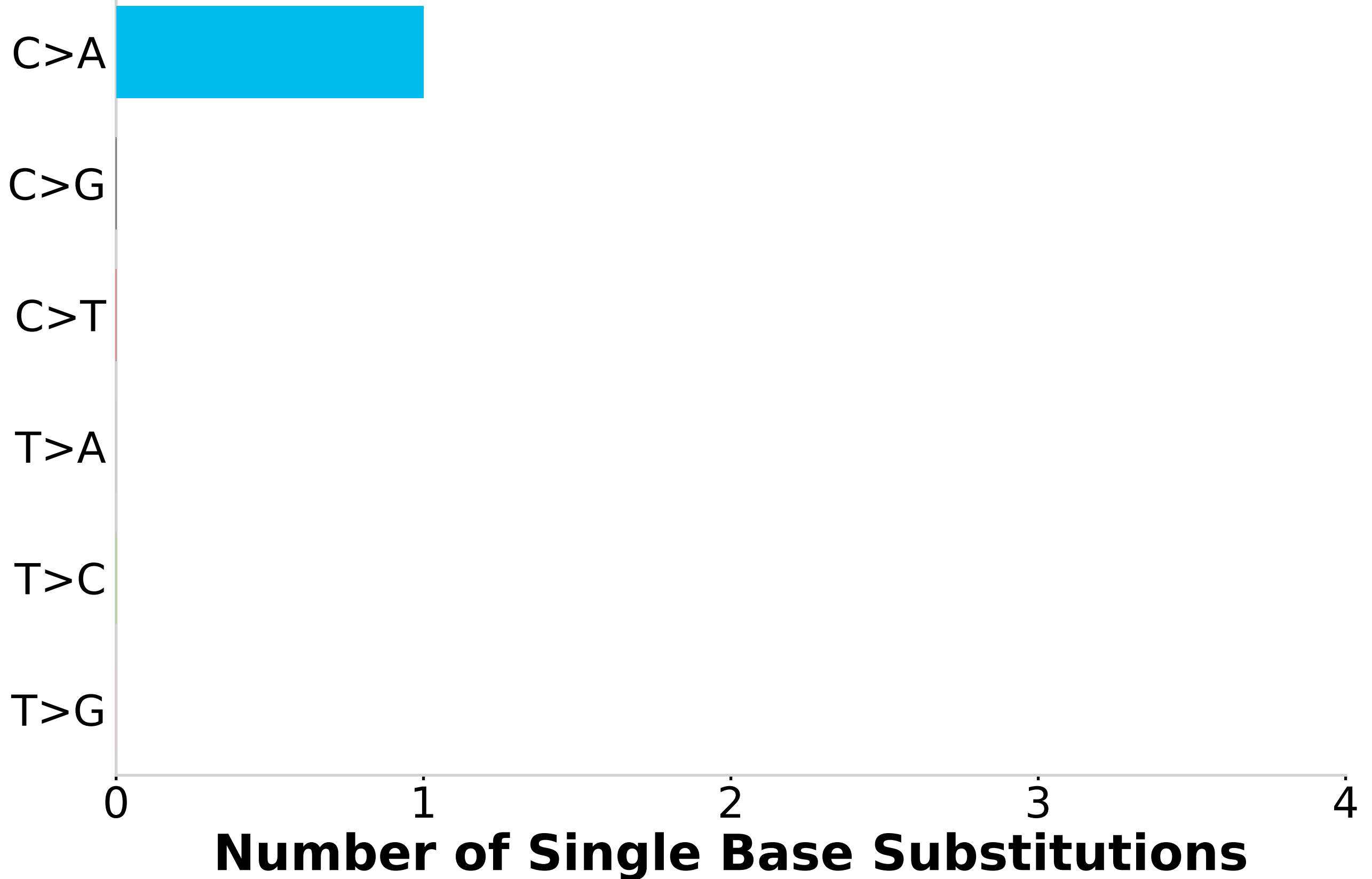
TCGA-BH-A0B9-01A-11W-A071-09: 1 subs



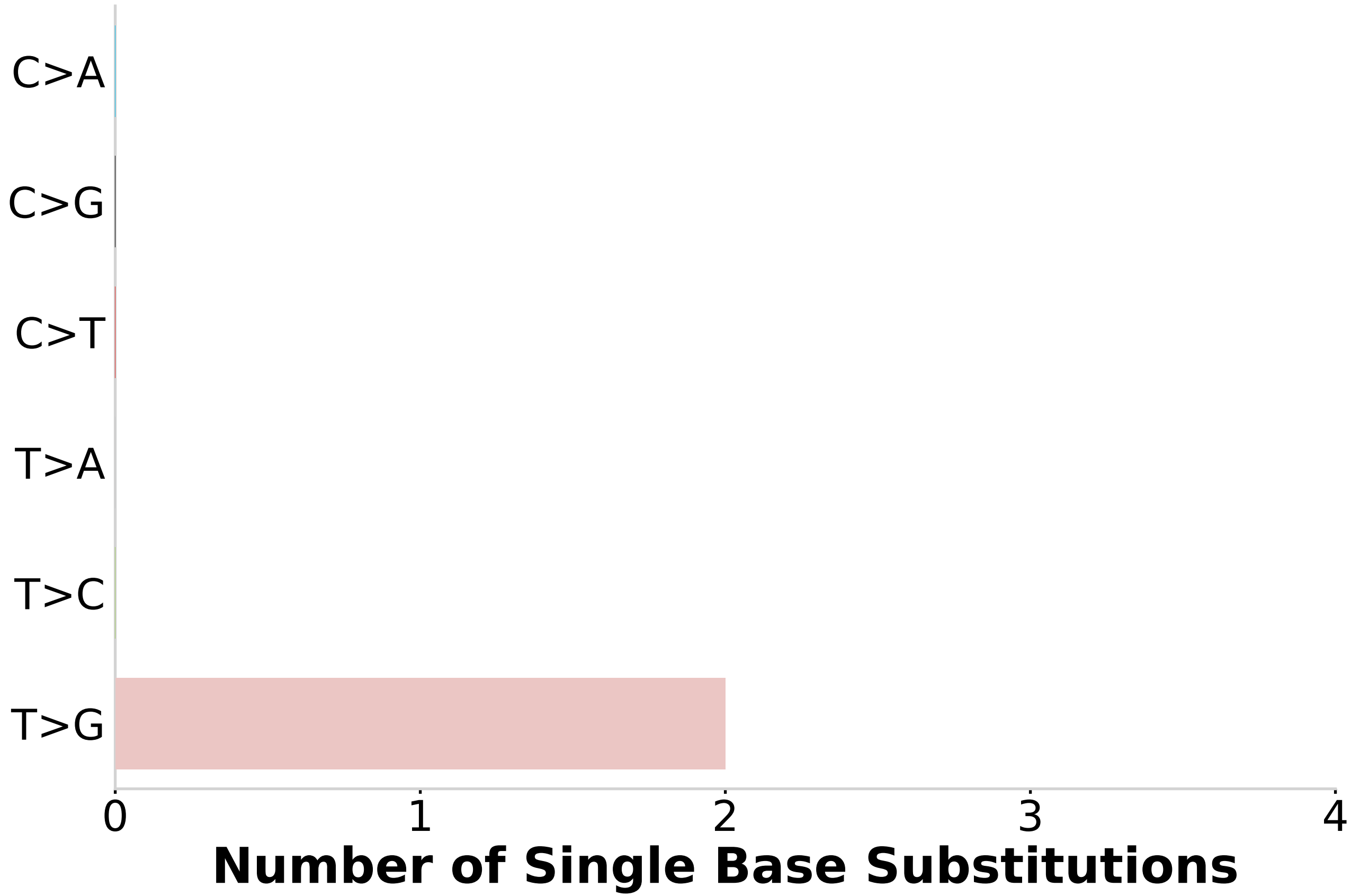
TCGA-BH-A0BG-01A-11D-A10Y-09: 1 subs



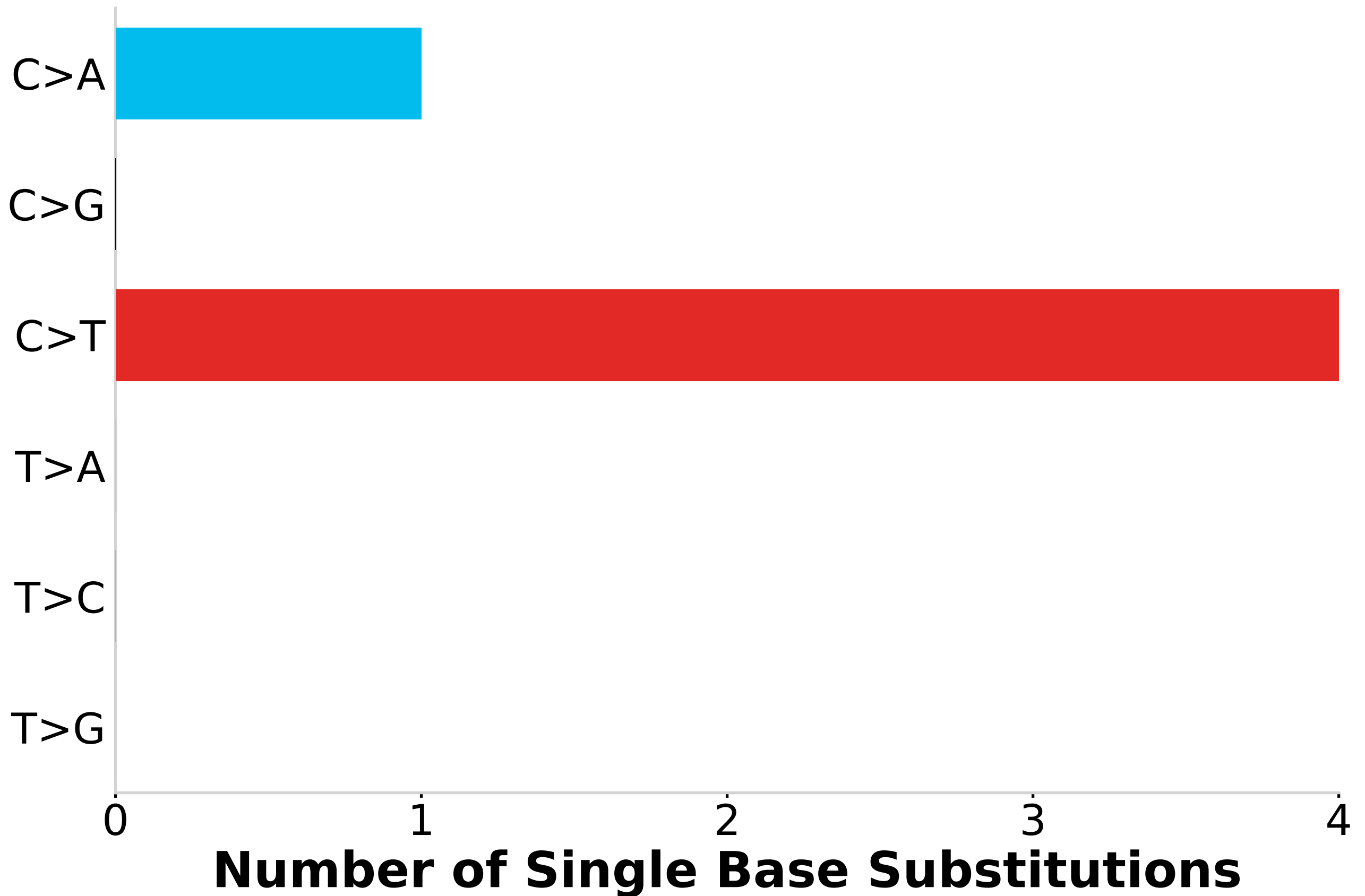
TCGA-BH-A0BJ-01A-11W-A071-09: 1 subs



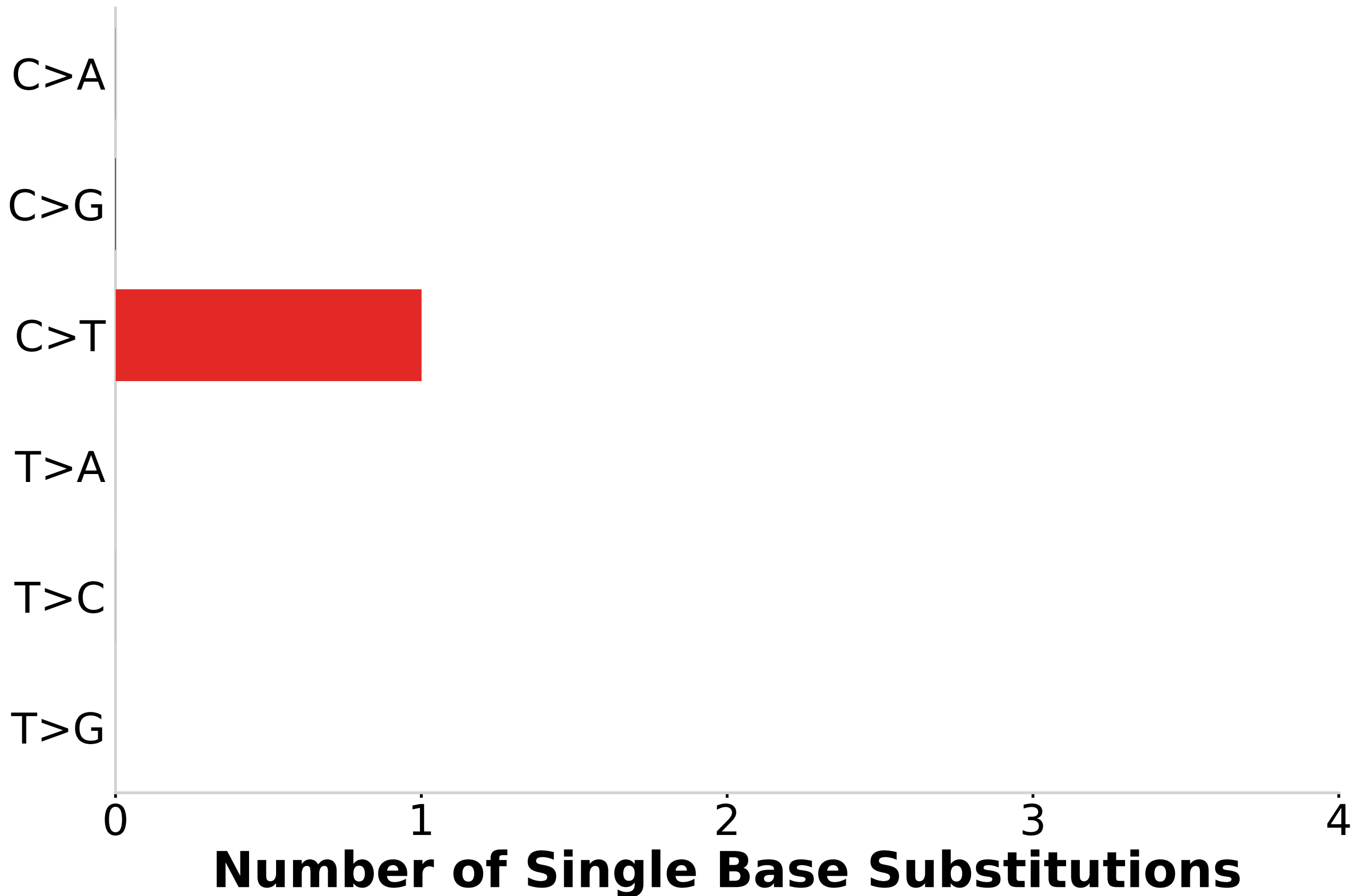
TCGA-BH-A0BL-01A-11D-A10Y-09: 2 subs



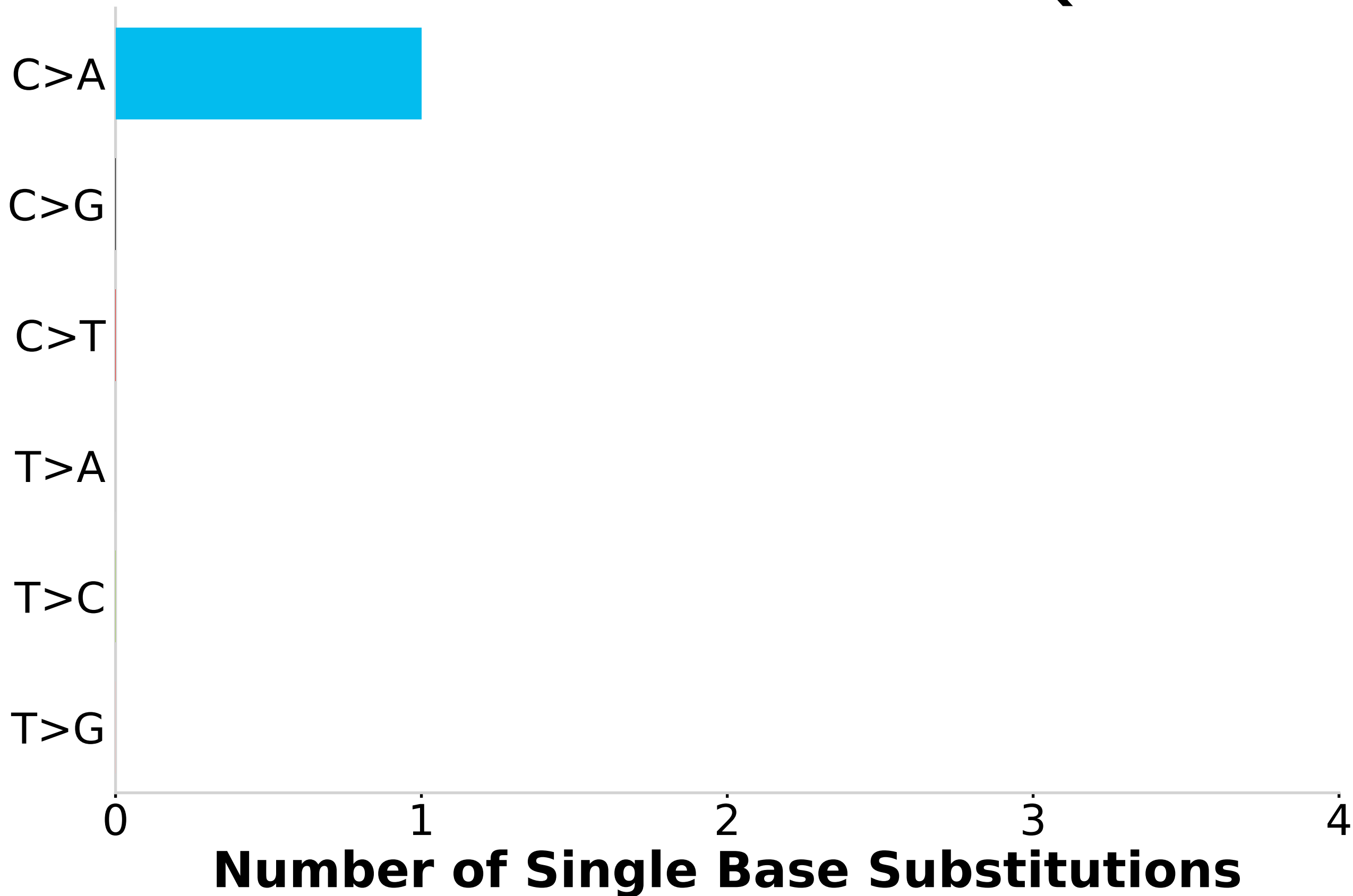
TCGA-BH-A0BP-01A-11D-A10Y-09: 5 subs



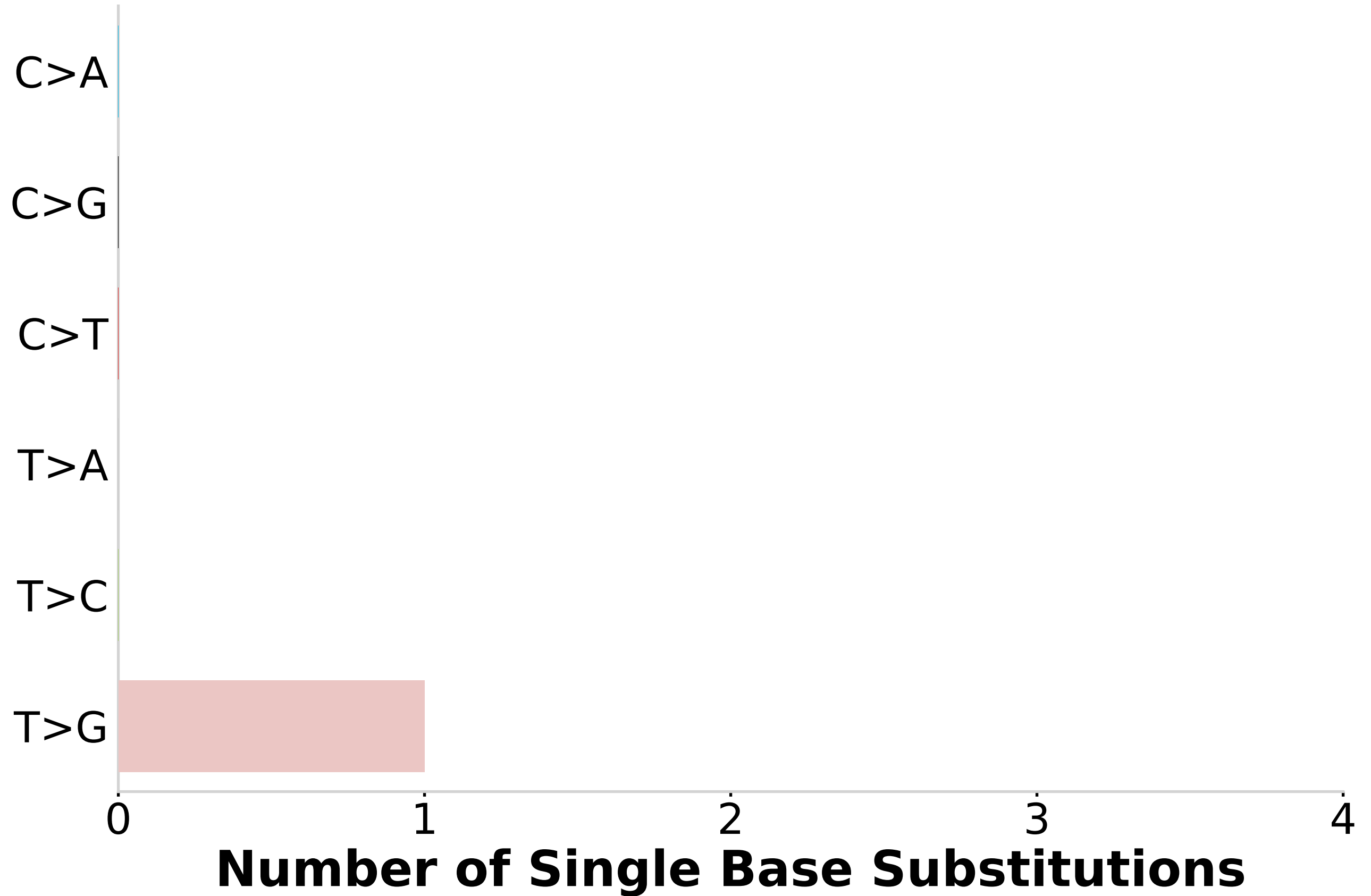
TCGA-BH-A0BR-01A-21W-A12T-09: 1 subs



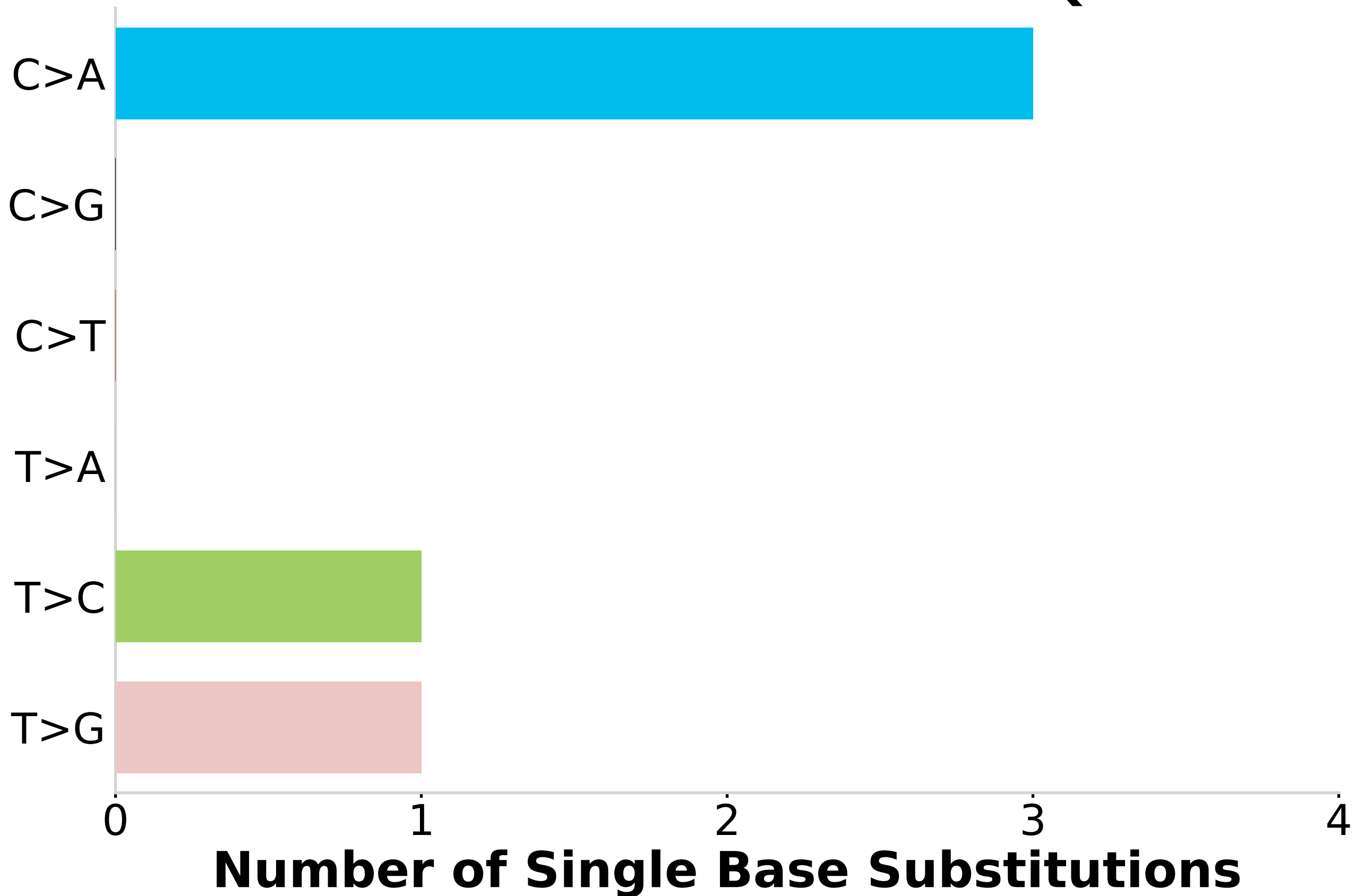
TCGA-BH-A0BT-01A-11D-A12Q-09: 1 subs



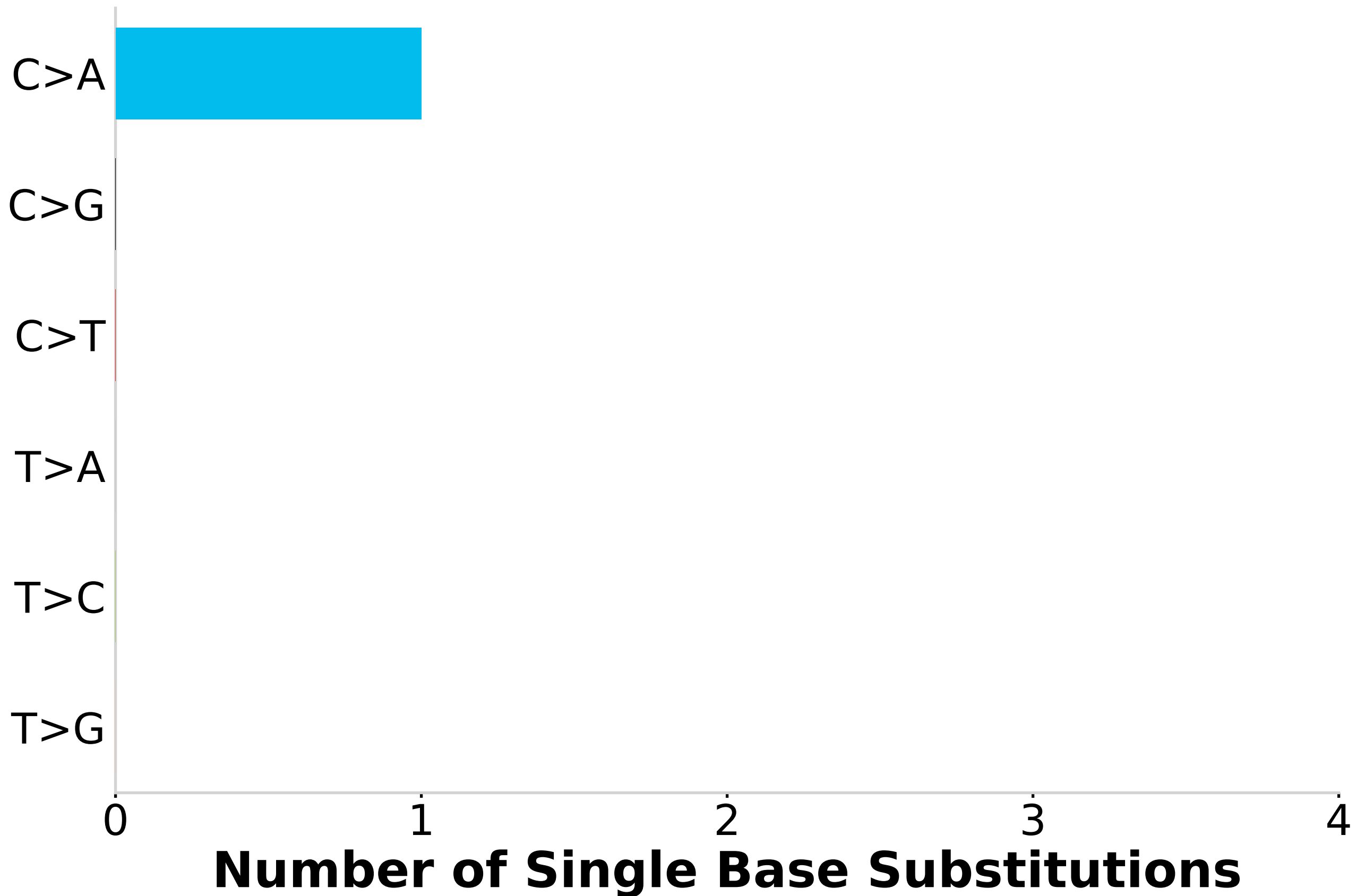
TCGA-BH-A0BV-01A-11W-A019-09: 1 subs



TCGA-BH-A0BZ-01A-31D-A12Q-09: 5 subs



TCGA-BH-A0C7-01B-11D-A10Y-09: 1 subs



TCGA-BH-A0DD-01A-31D-A12Q-09: 2 subs

C>A

C>G

C>T

T>A

T>C

T>G

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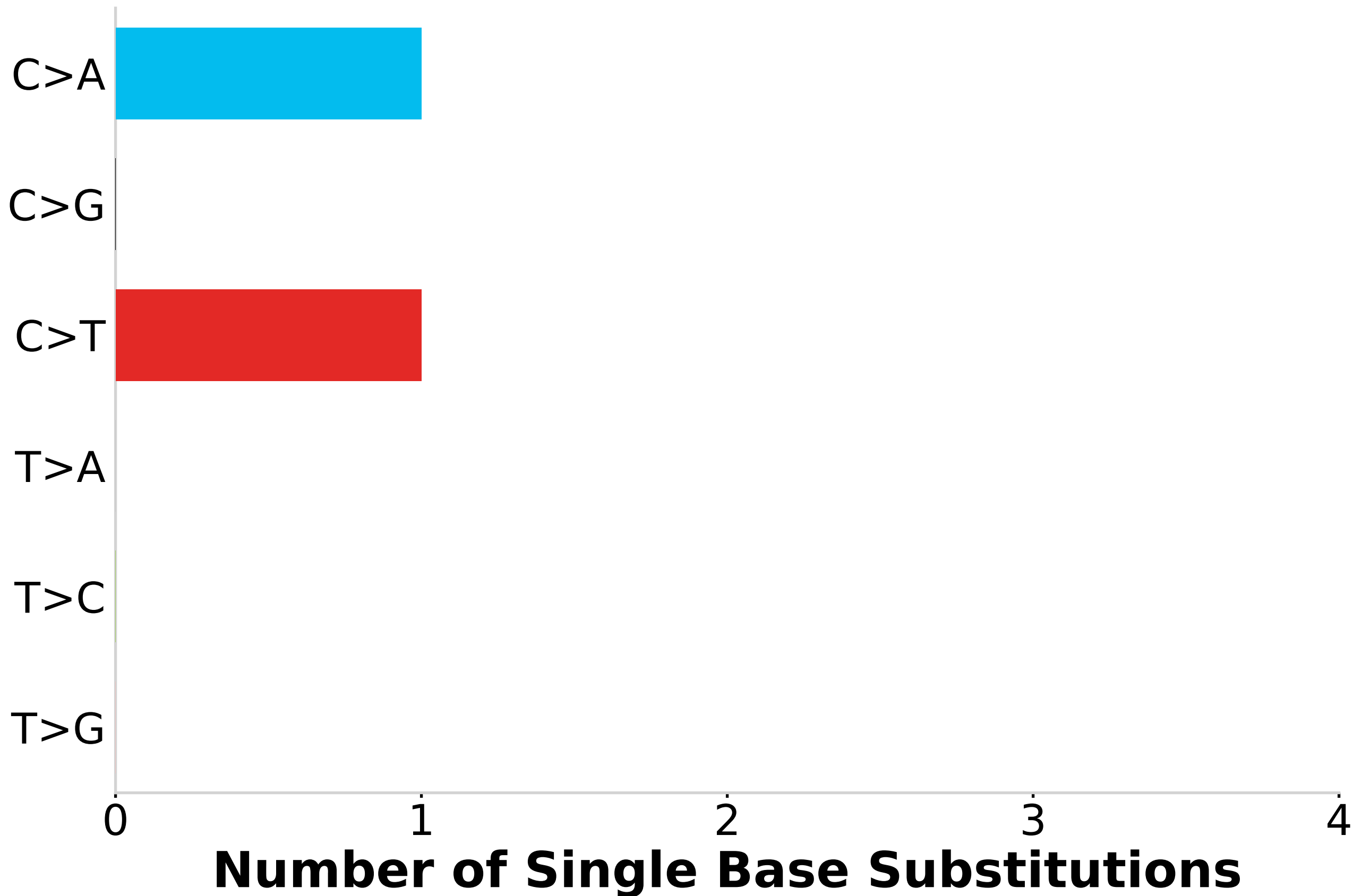
3

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Number of Single Base Substitutions



TCGA-BH-A0DE-01A-11D-A10Y-09: 2 subs



TCGA-BH-A0DG-01A-21D-A12Q-09: 4 subs

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C>G

C>T

T>A

T>C

T>G

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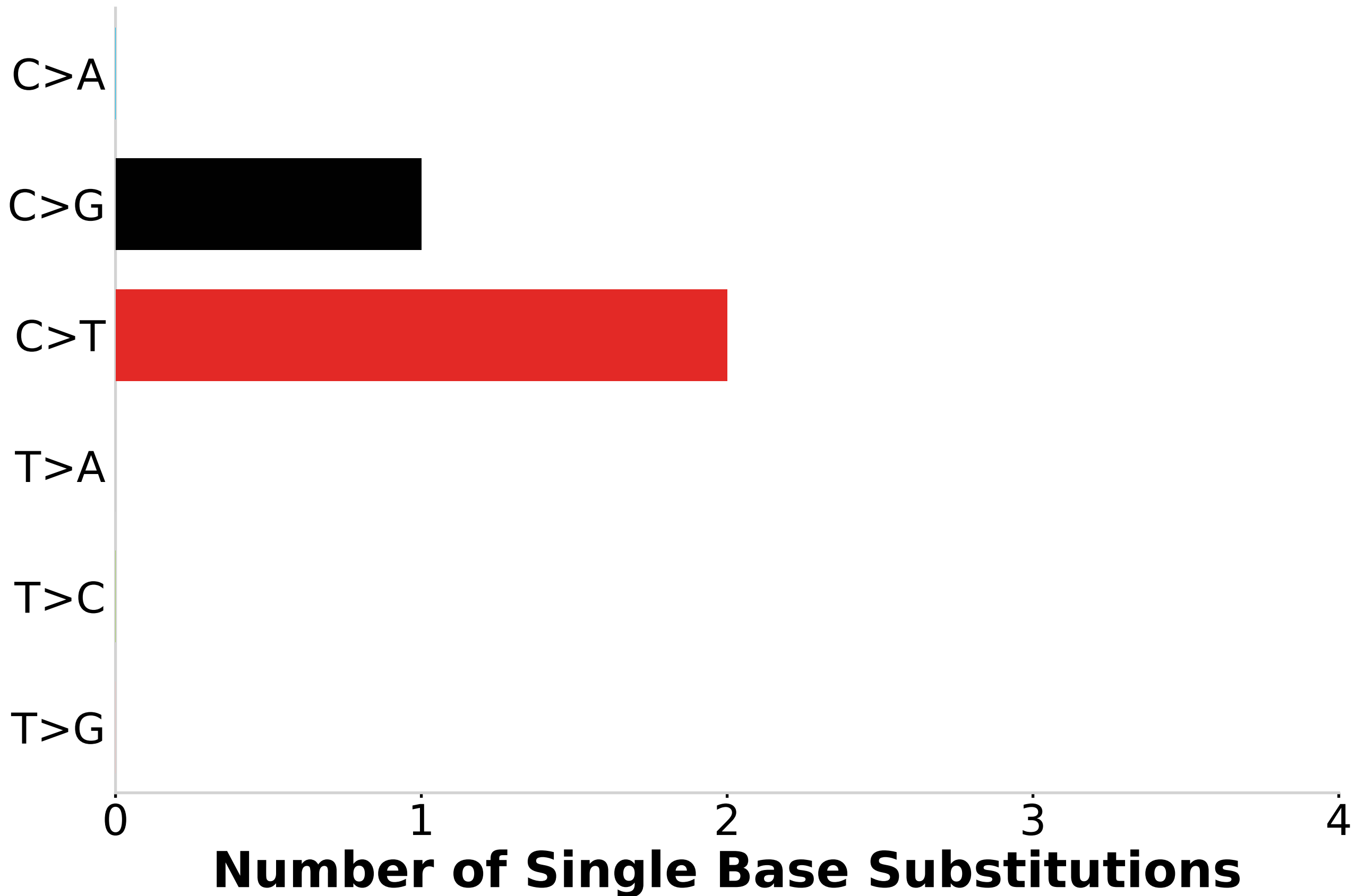
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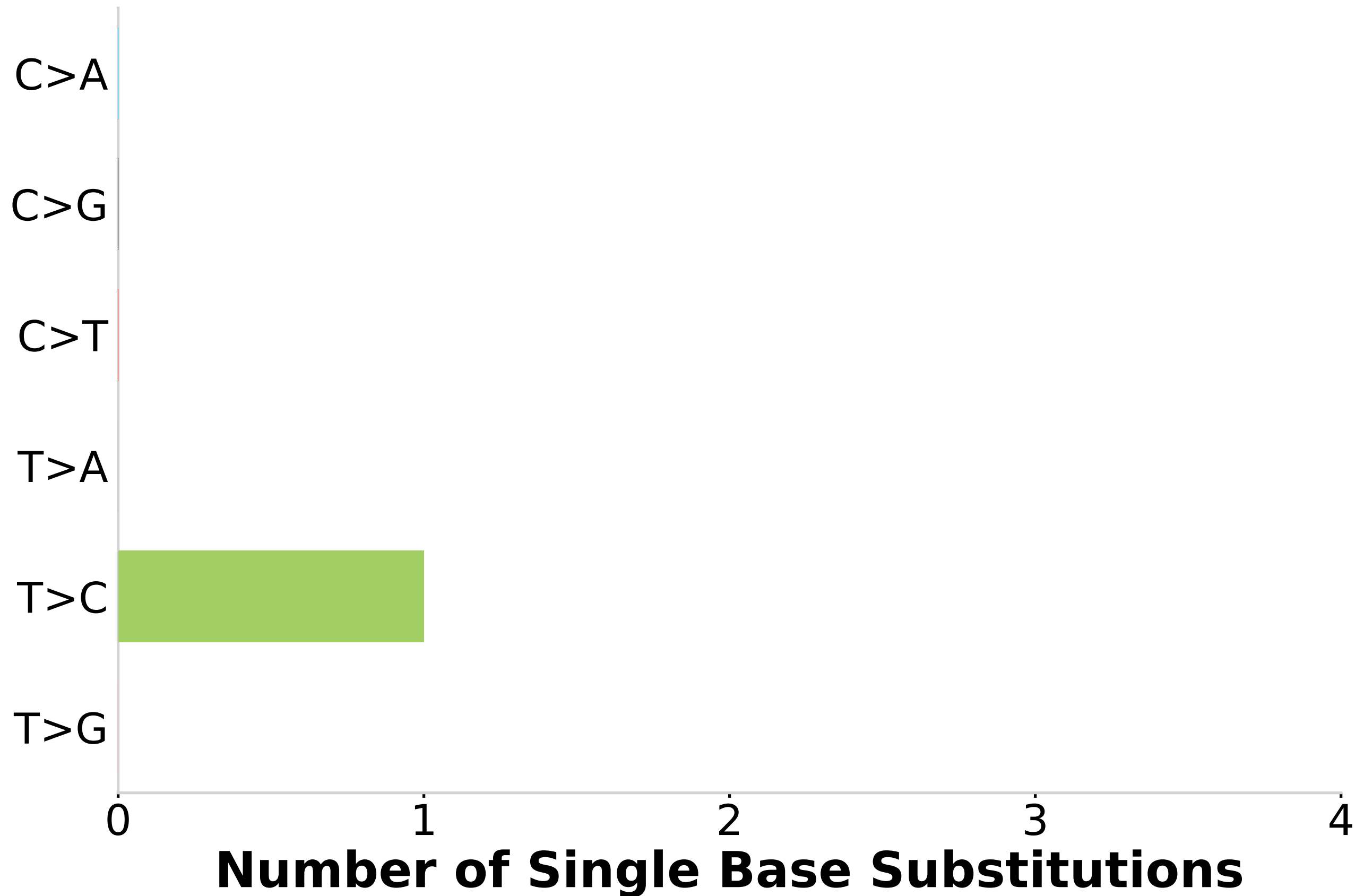
Number of Single Base Substitutions



TCGA-BH-A0DHH-01A-11D-A099-09: 3 subs



TCGA-BH-A0DK-01A-21W-A071-09: 1 subs



TCGA-BH-A0DL-01A-11D-A10Y-09: 2 subs

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C>G

C>T

T>A

T>C

T>G

0

1

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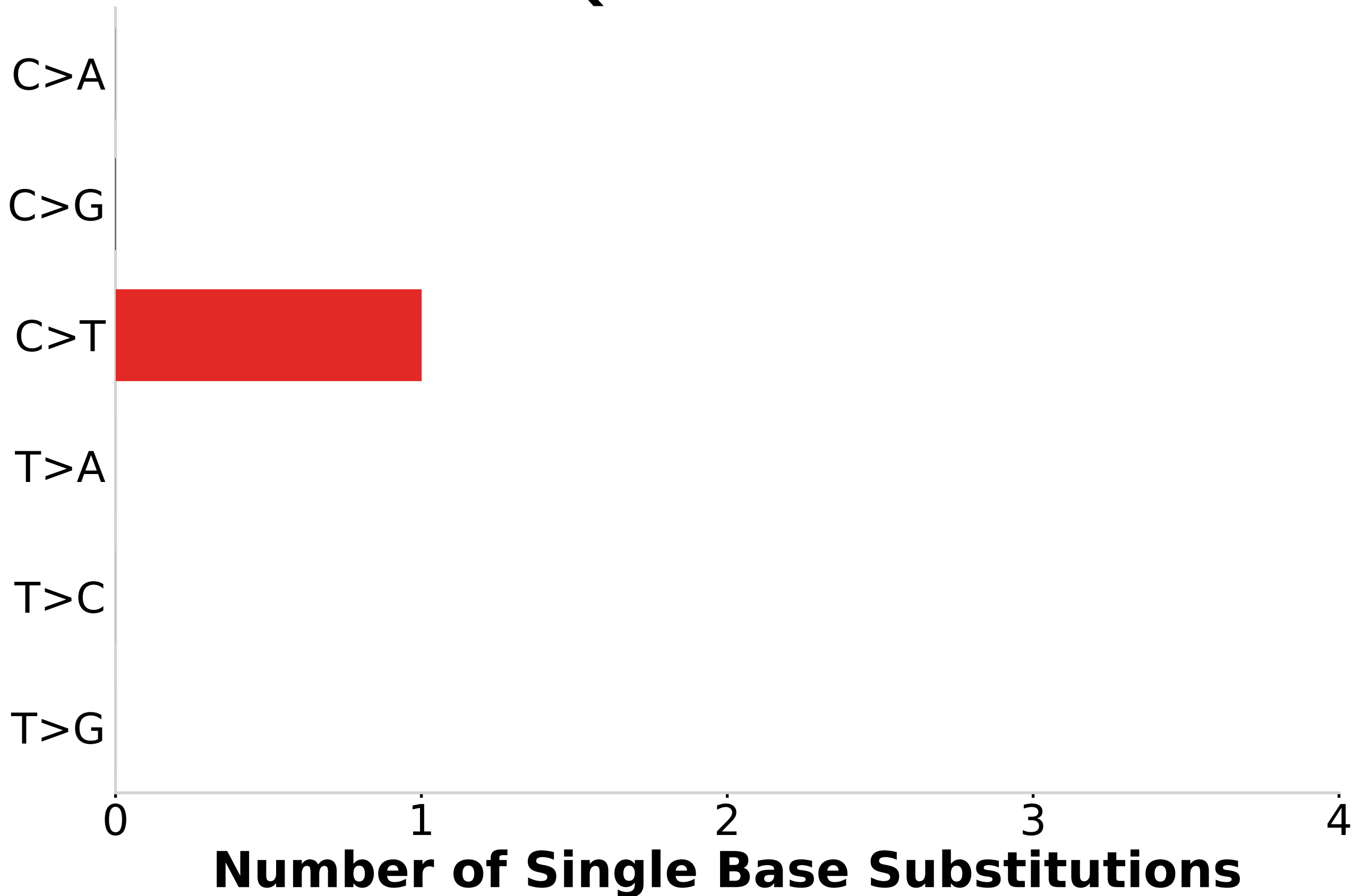
3

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Number of Single Base Substitutions



TCGA-BH-A0DQ-01A-11D-A099-09: 1 subs



TCGA-BH-A0DS-01A-11W-A071-09: 4 subs

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C>T

T>A

T>C

T>G

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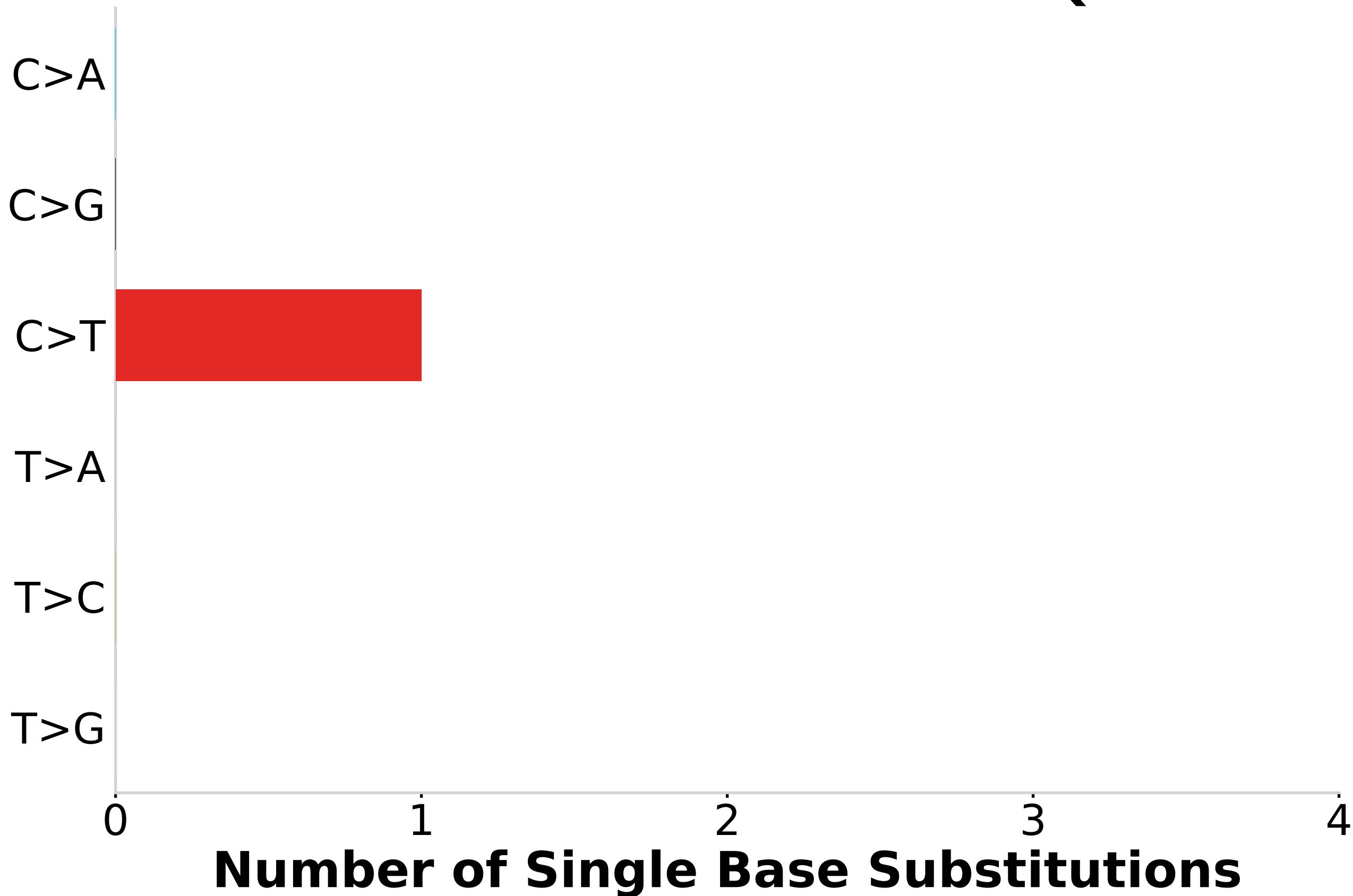
Number of Single Base Substitutions



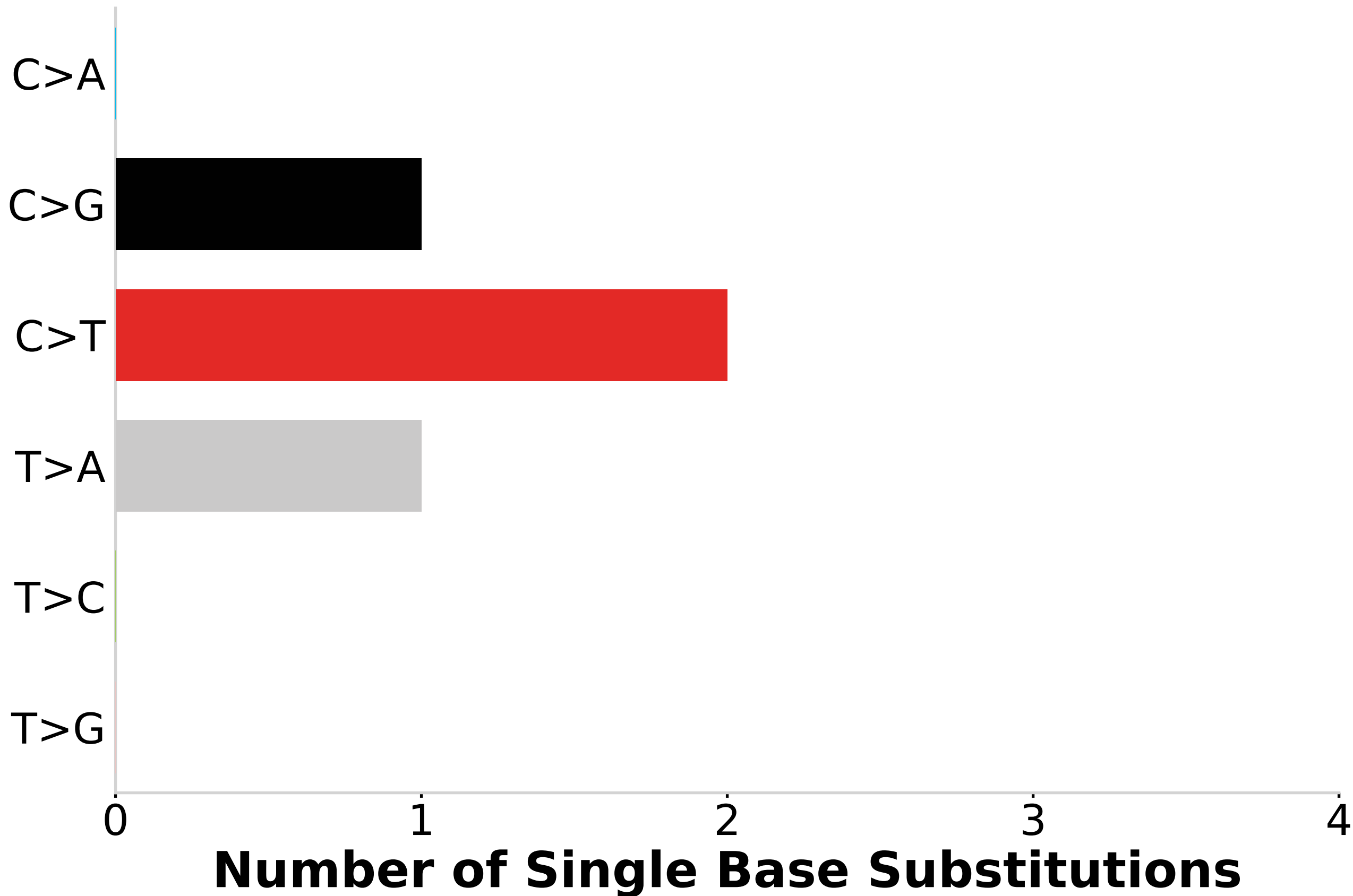
TCGA-BH-A0DT-01A-21D-A12B-09: 1 subs



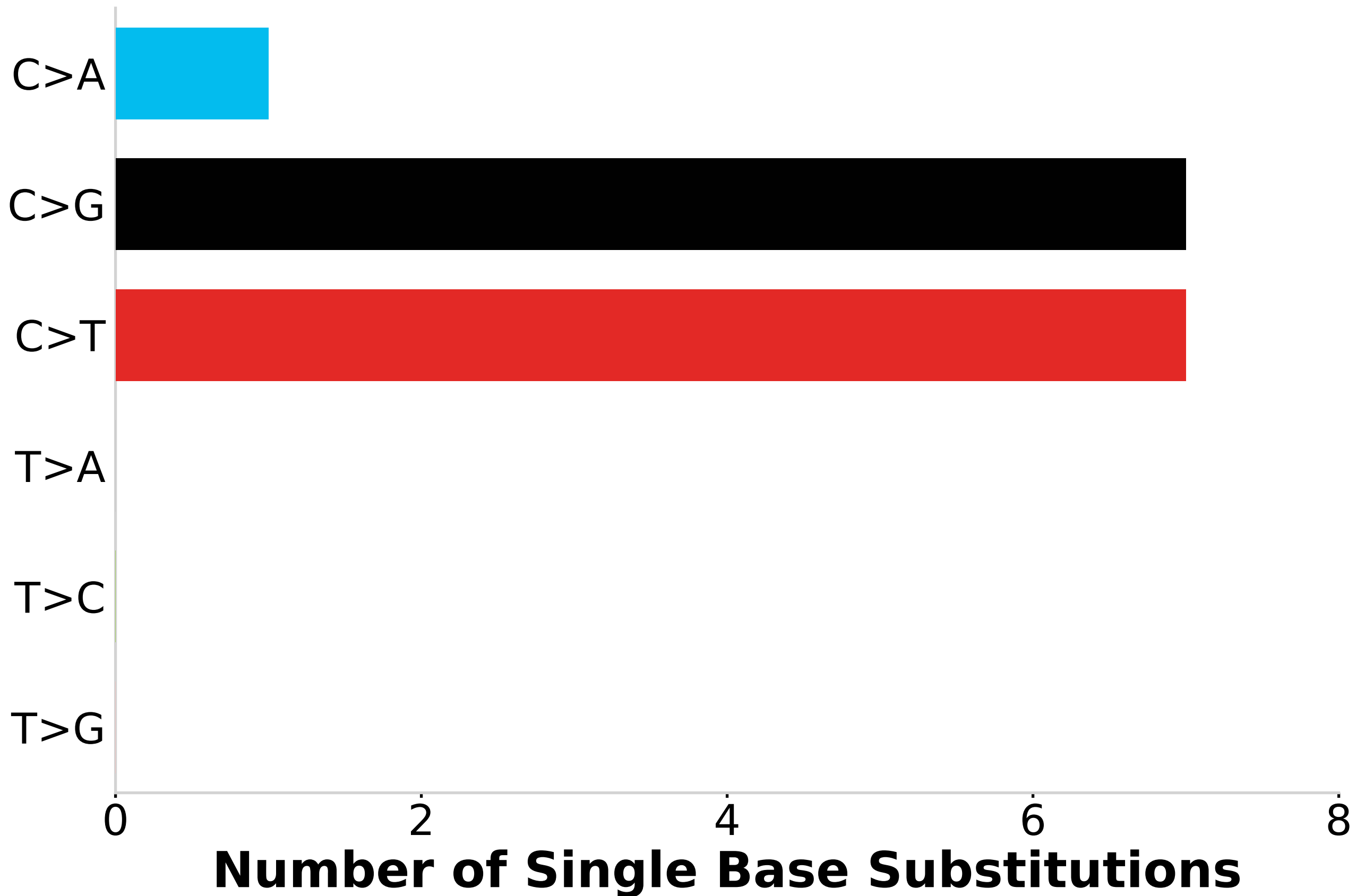
TCGA-BH-A0DV-01A-21D-A12Q-09: 1 subs



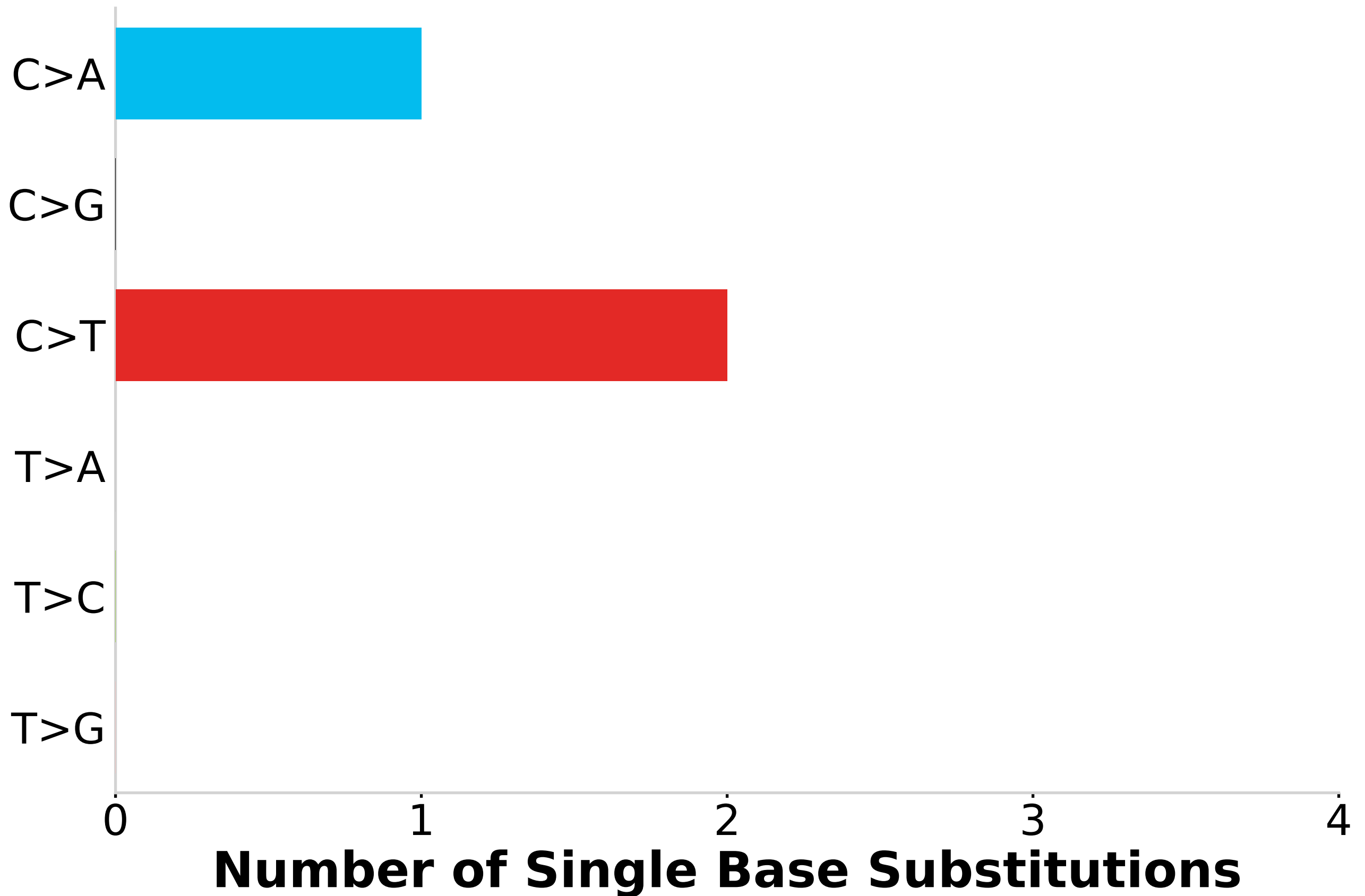
TCGA-BH-A0DX-01A-11D-A10Y-09: 4 subs



TCGA-BH-A0DZ-01A-11W-A019-09: 15 subs



TCGA-BH-A0E0-01A-11W-A071-09: 3 subs



TCGA-BH-A0E1-01A-11W-A071-09: 5 subs

C>A

C>G

C>T

T>A

T>C

T>G

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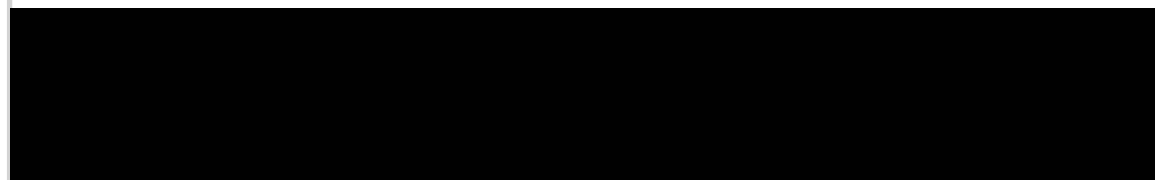
1

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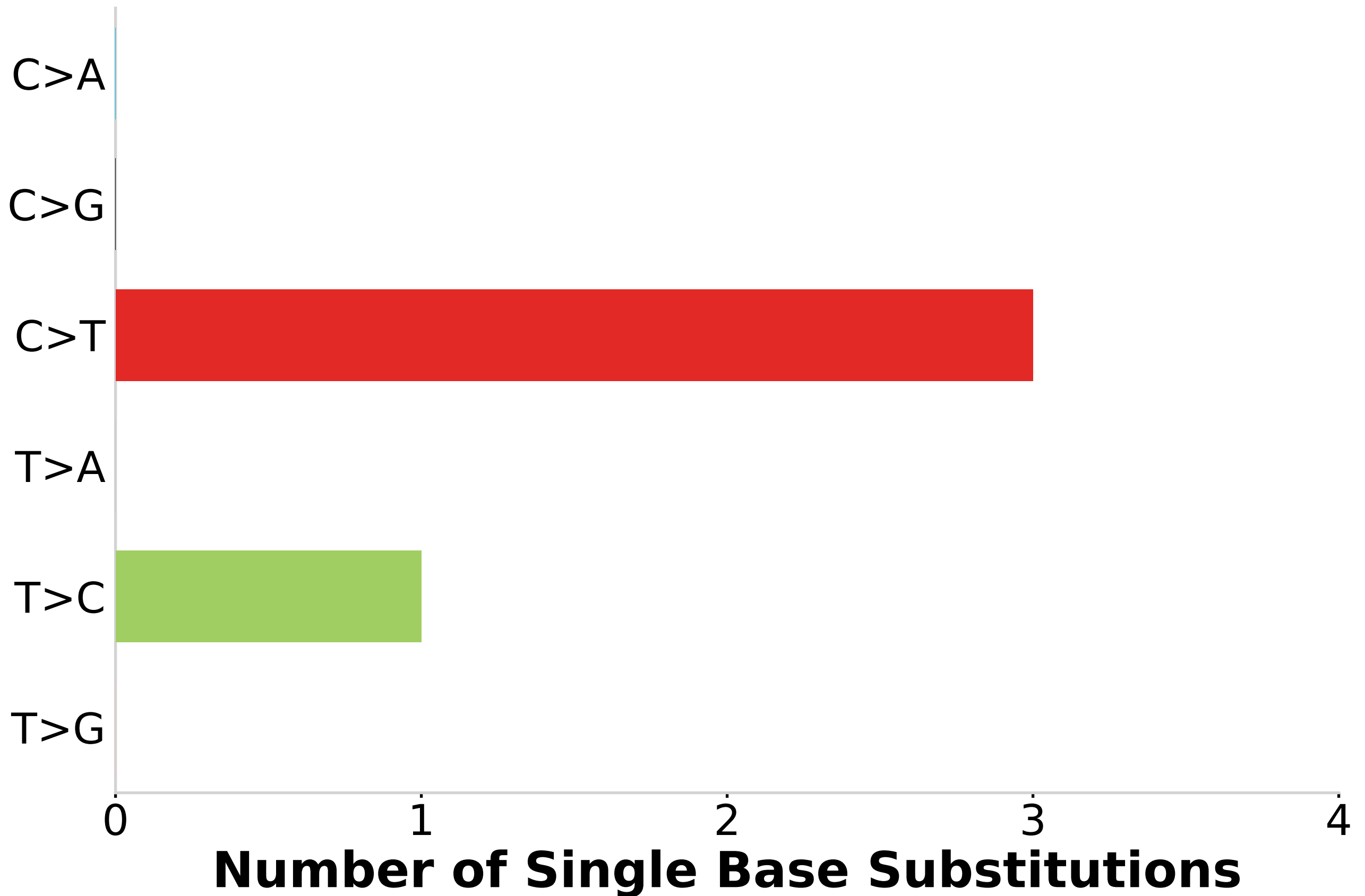
Number of Single Base Substitutions



TCGA-BH-A0E2-01A-11W-A071-09: 1 subs



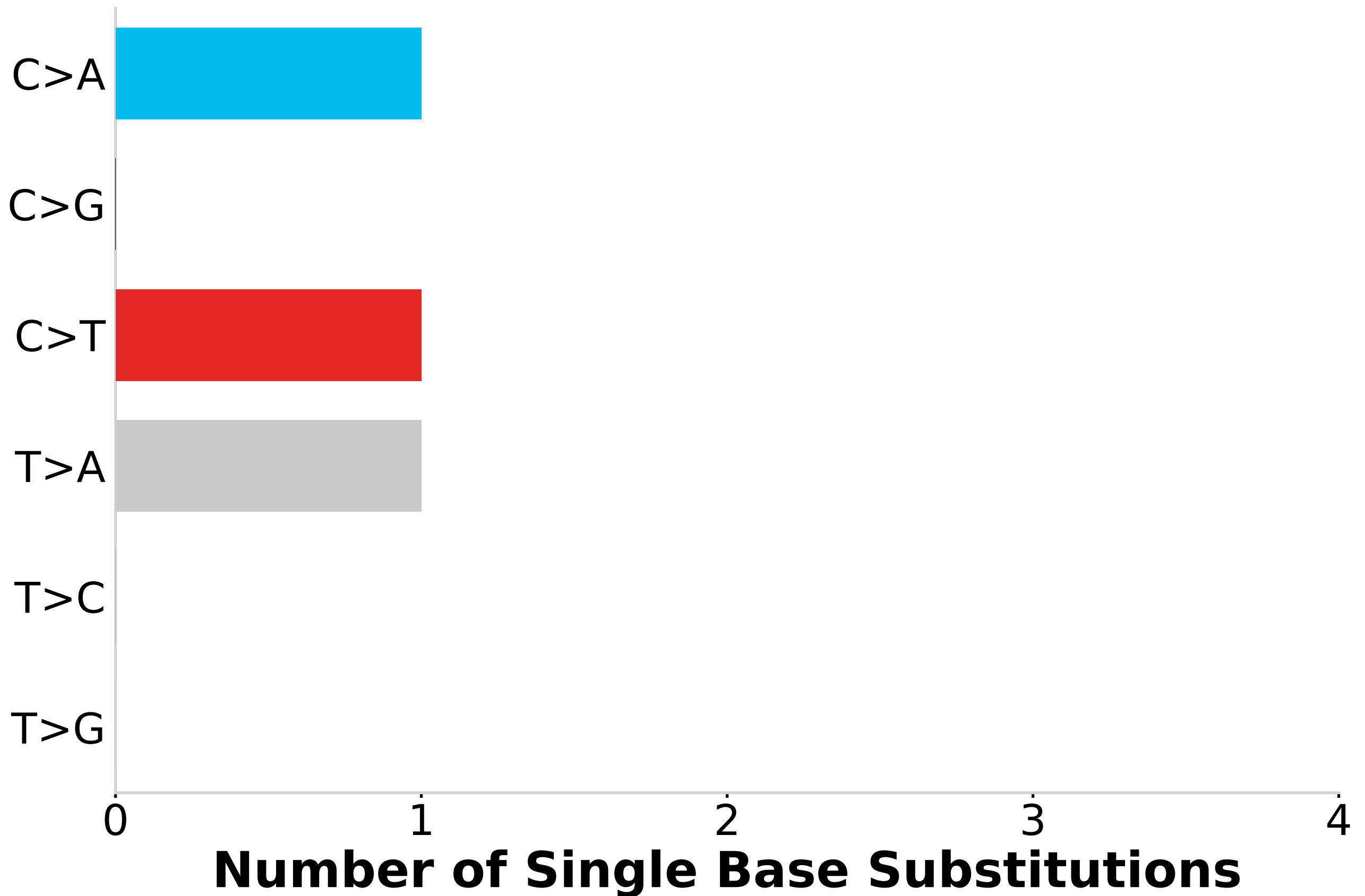
TCGA-BH-A0EE-01A-11W-A050-09: 4 subs



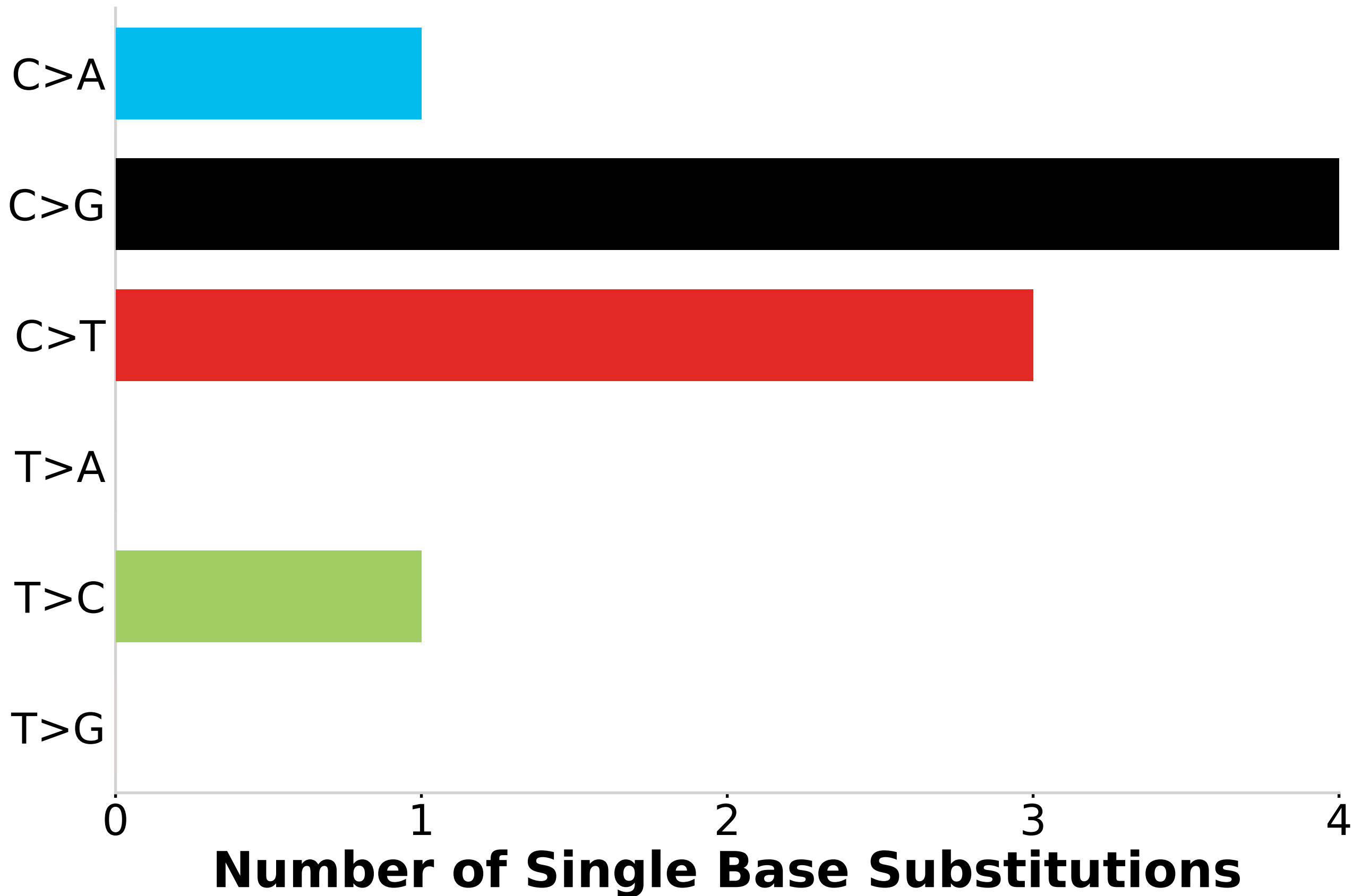
TCGA-BH-A0EI-01A-11D-A10Y-09: 1 subs



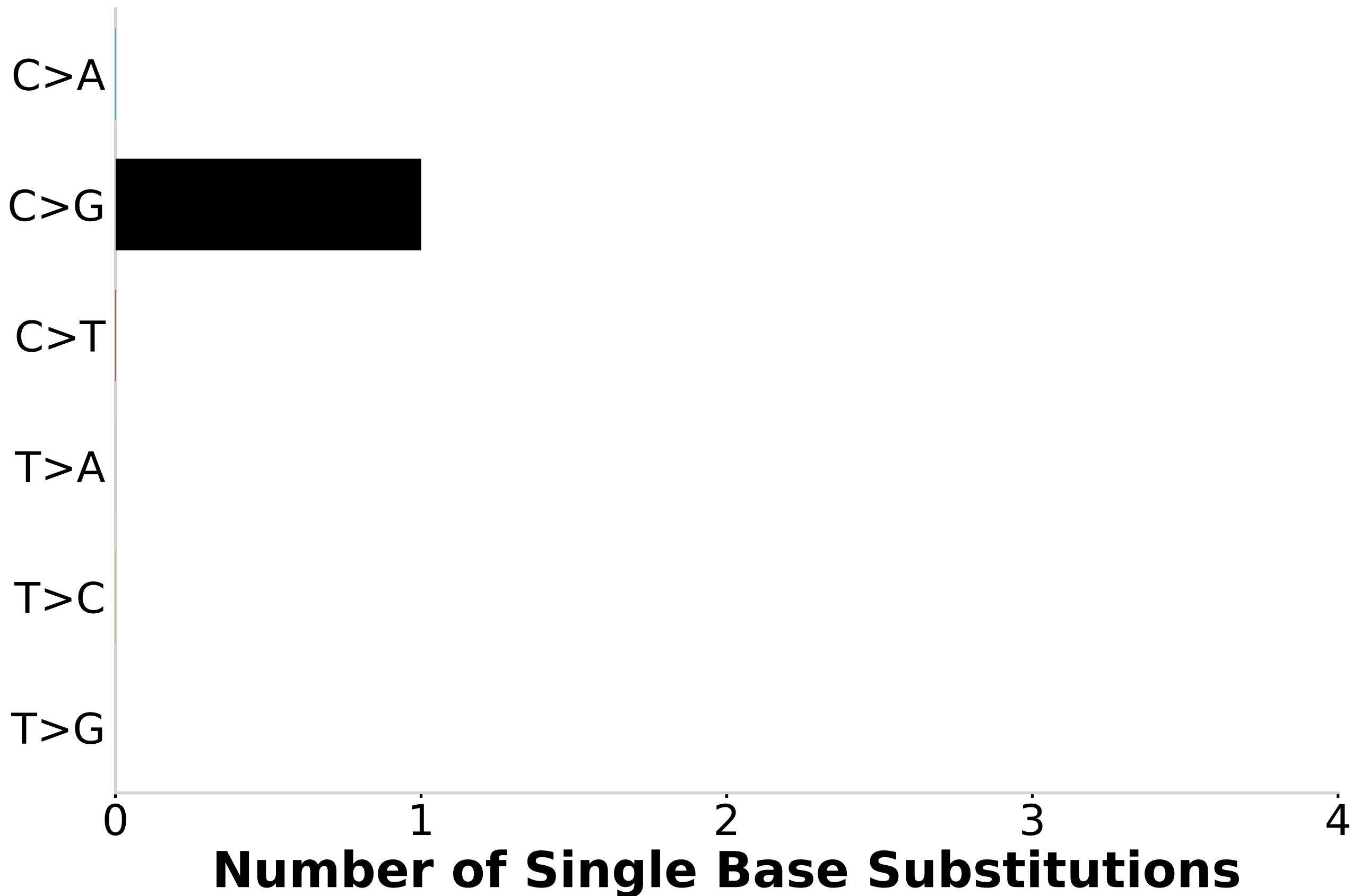
TCGA-BH-A0GY-01A-11W-A071-09: 3 subs



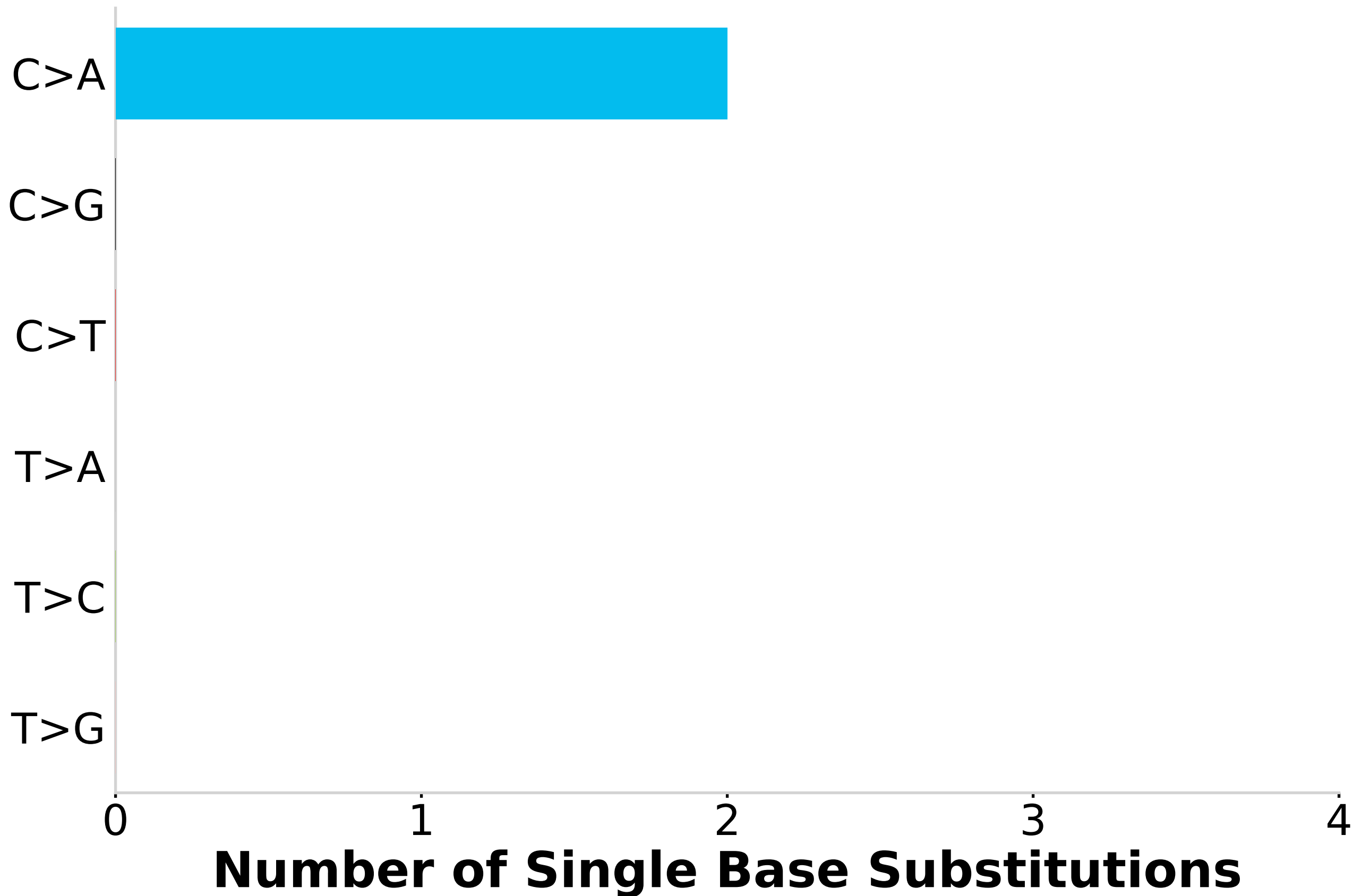
TCGA-BH-A0H5-01A-21D-A10Y-09: 9 subs



TCGA-BH-A0H6-01A-21W-A071-09: 1 subs



TCGA-BH-A0H7-01A-13W-A071-09: 2 subs



TCGA-BH-A0H9-01A-11W-A071-09: 1 subs



TCGA-BH-A0HA-01A-11D-A12Q-09: 9 subs

C>A

C>G

C>T

T>A

T>C

T>G

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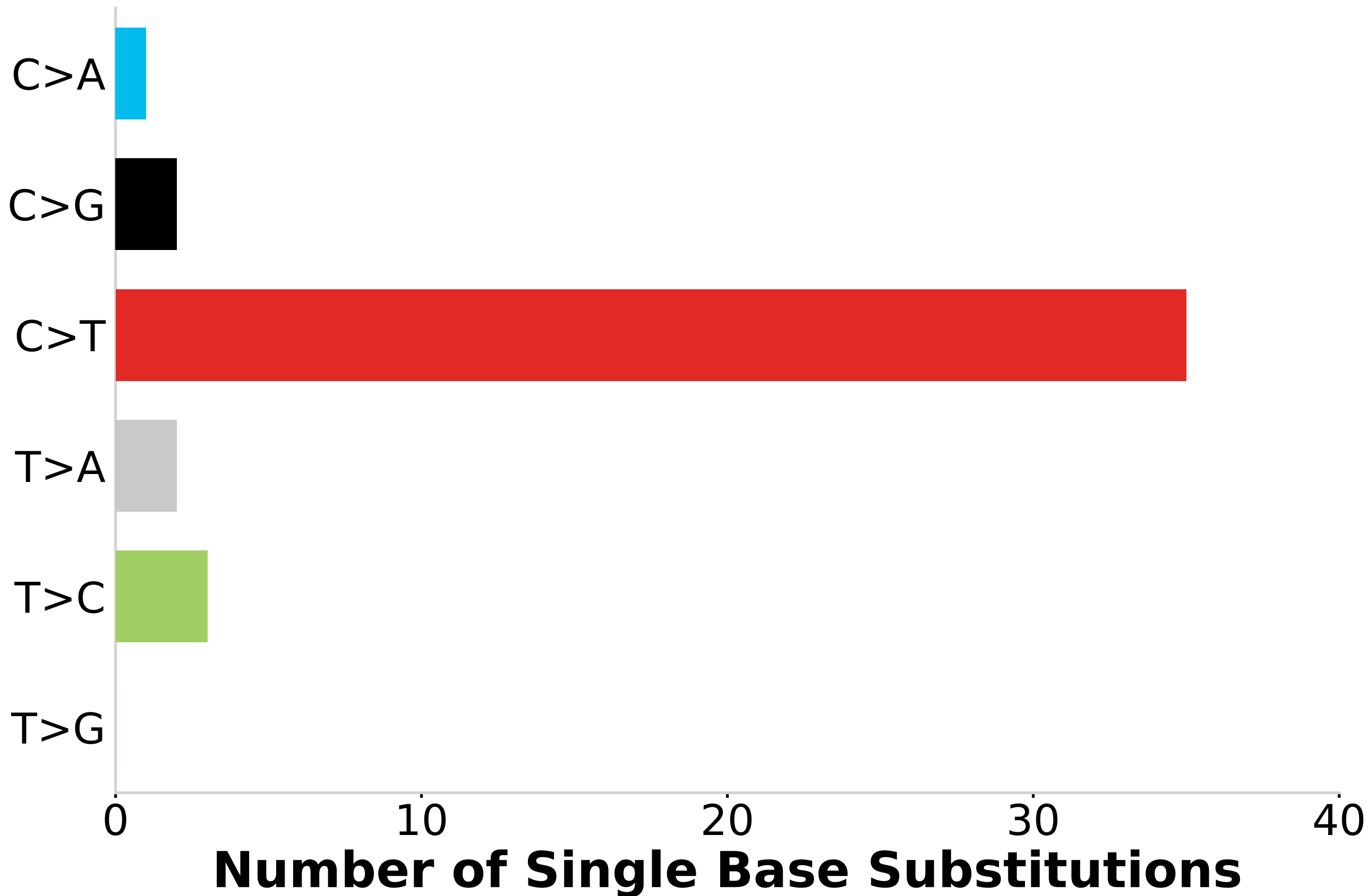
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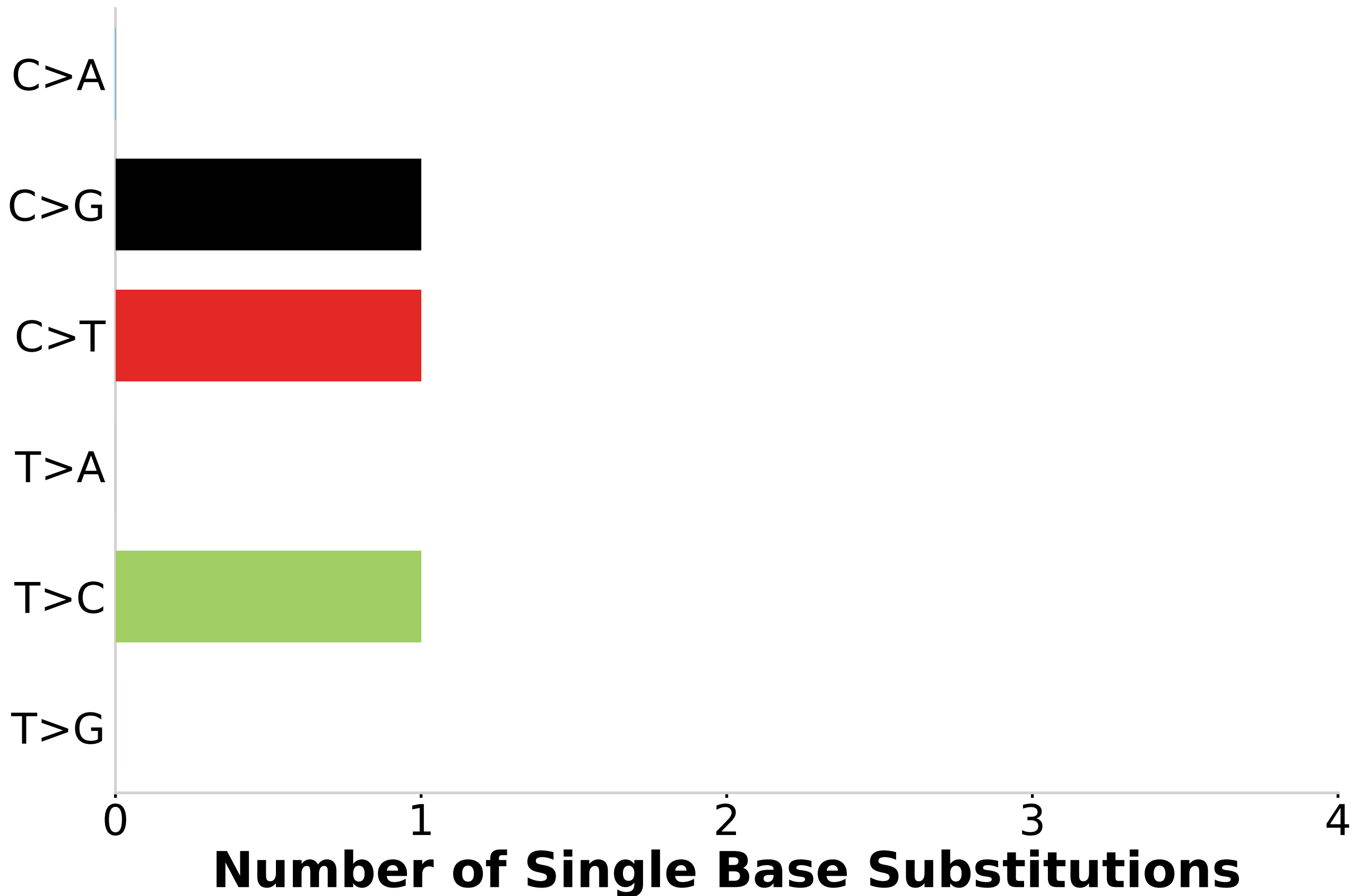
Number of Single Base Substitutions



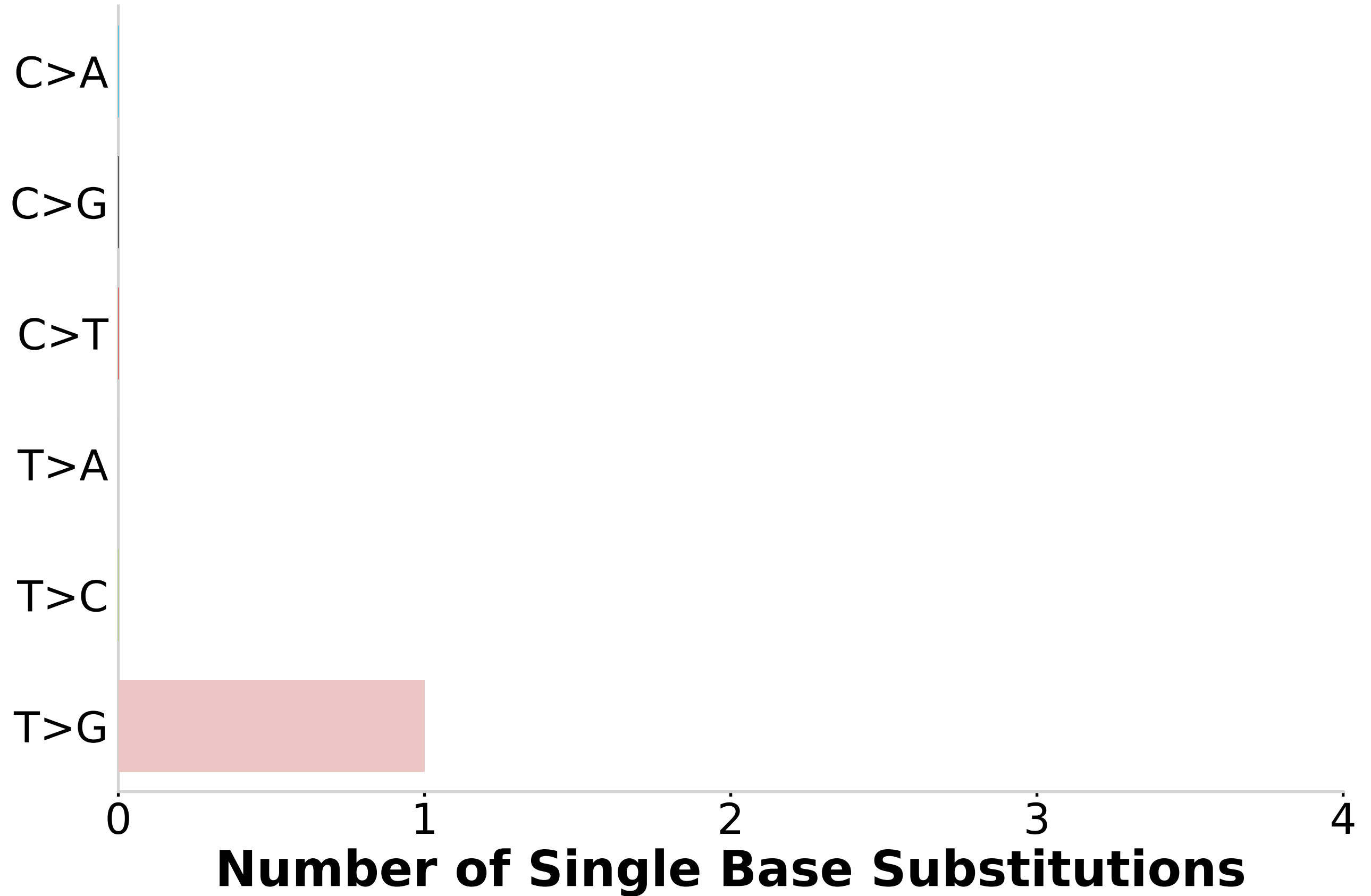
TCGA-BH-A0HF-01A-11W-A071-09: 43 subs



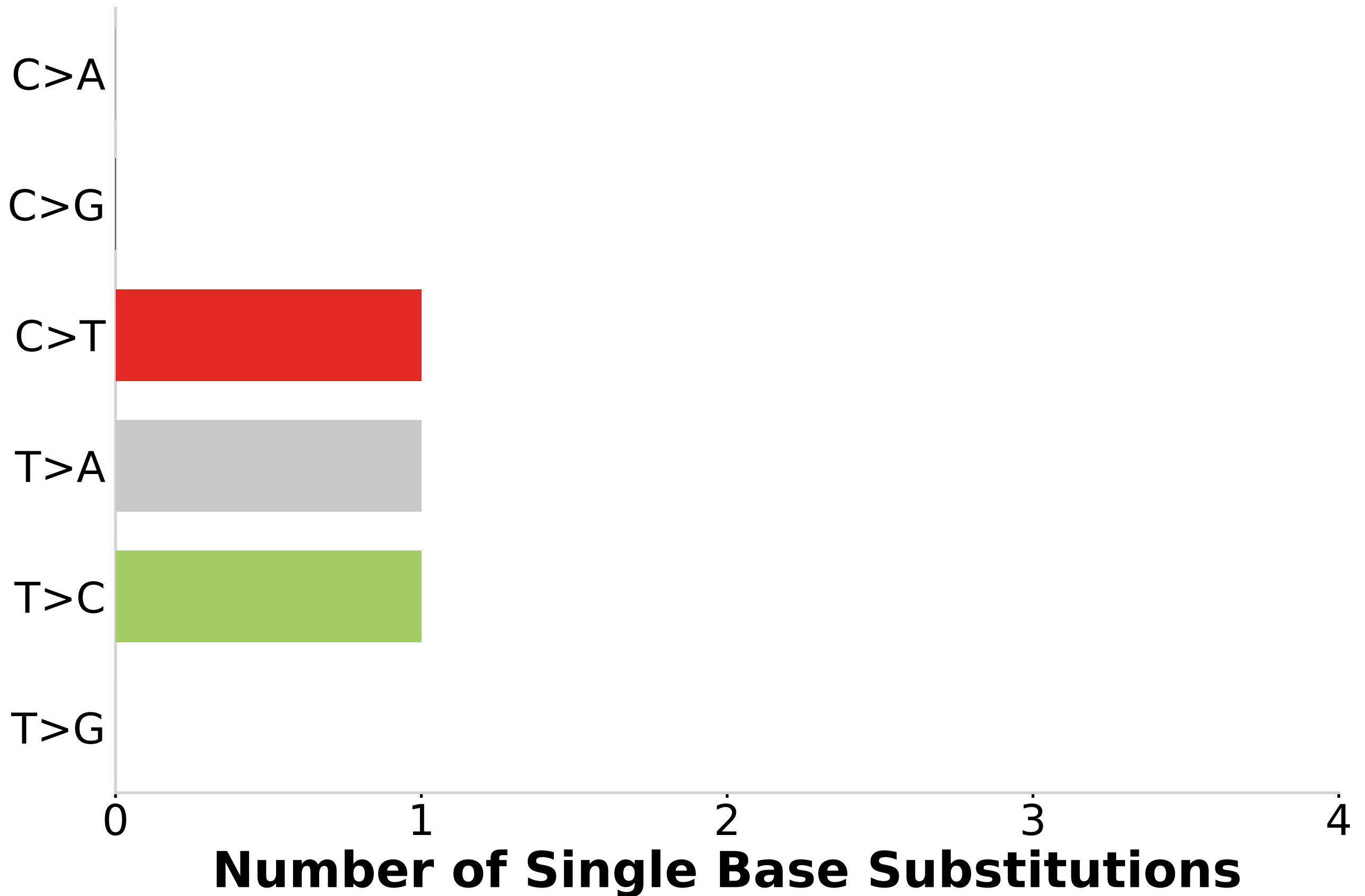
TCGA-BH-A0HK-01A-11W-A071-09: 3 subs



TCGA-BH-A0HL-01A-11W-A050-09: 1 subs



TCGA-BH-A0HO-01A-11W-A050-09: 3 subs



TCGA-BH-A0HP-01A-12D-A099-09: 3 subs

C>A

C>G

C>T

T>A

T>C

T>G

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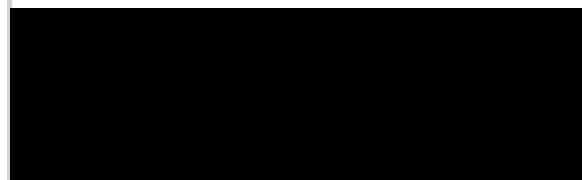
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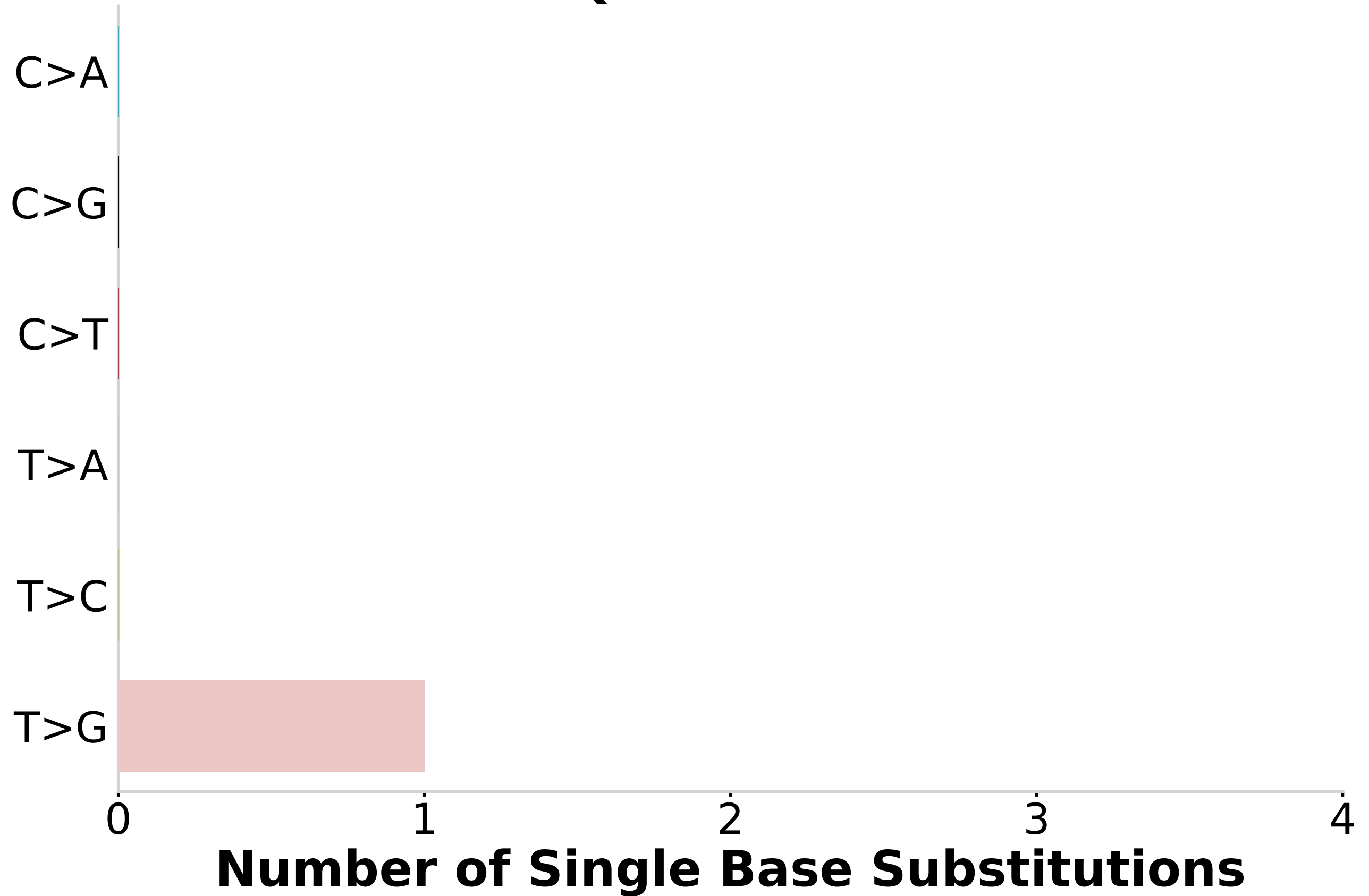
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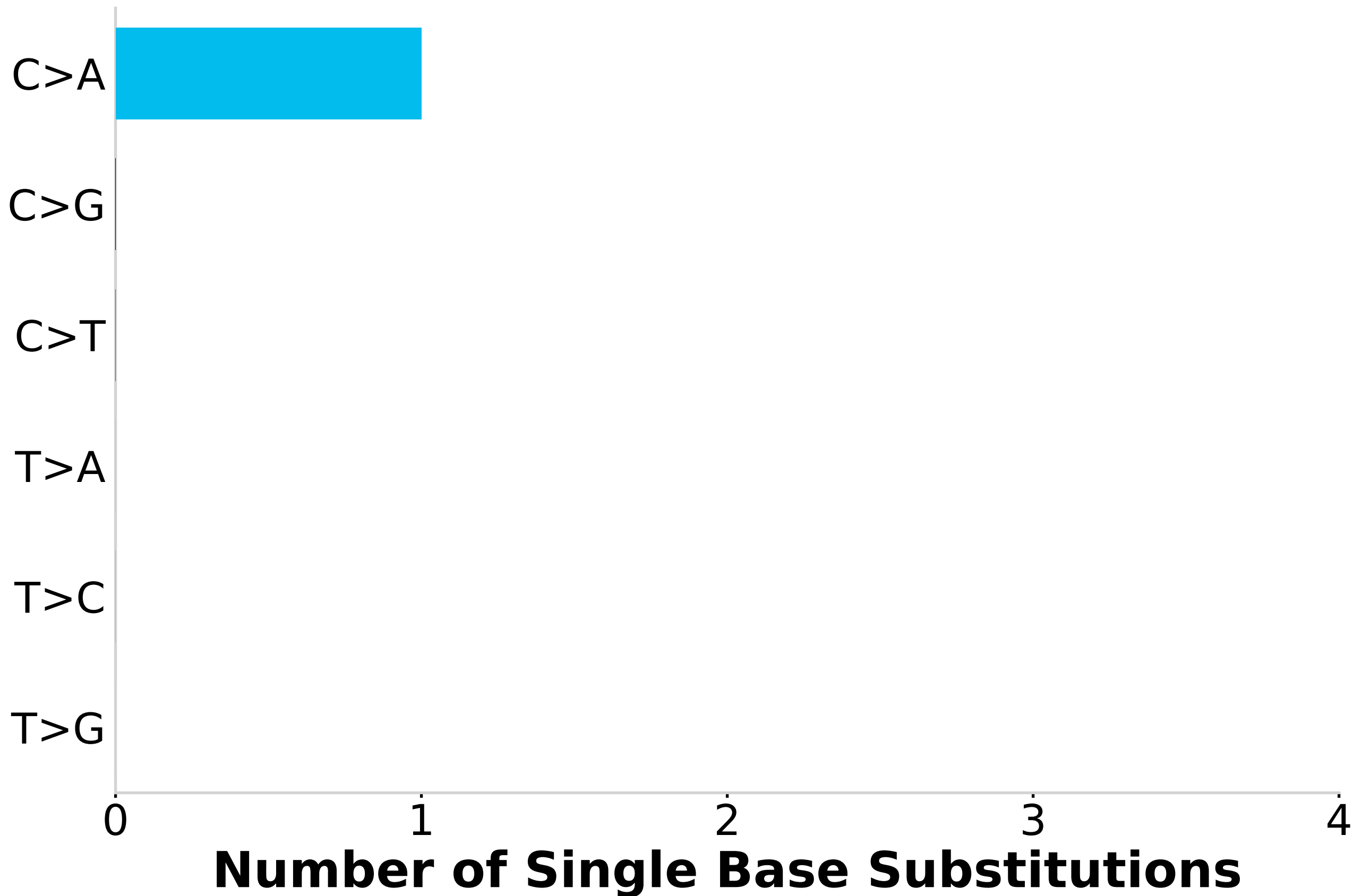
Number of Single Base Substitutions



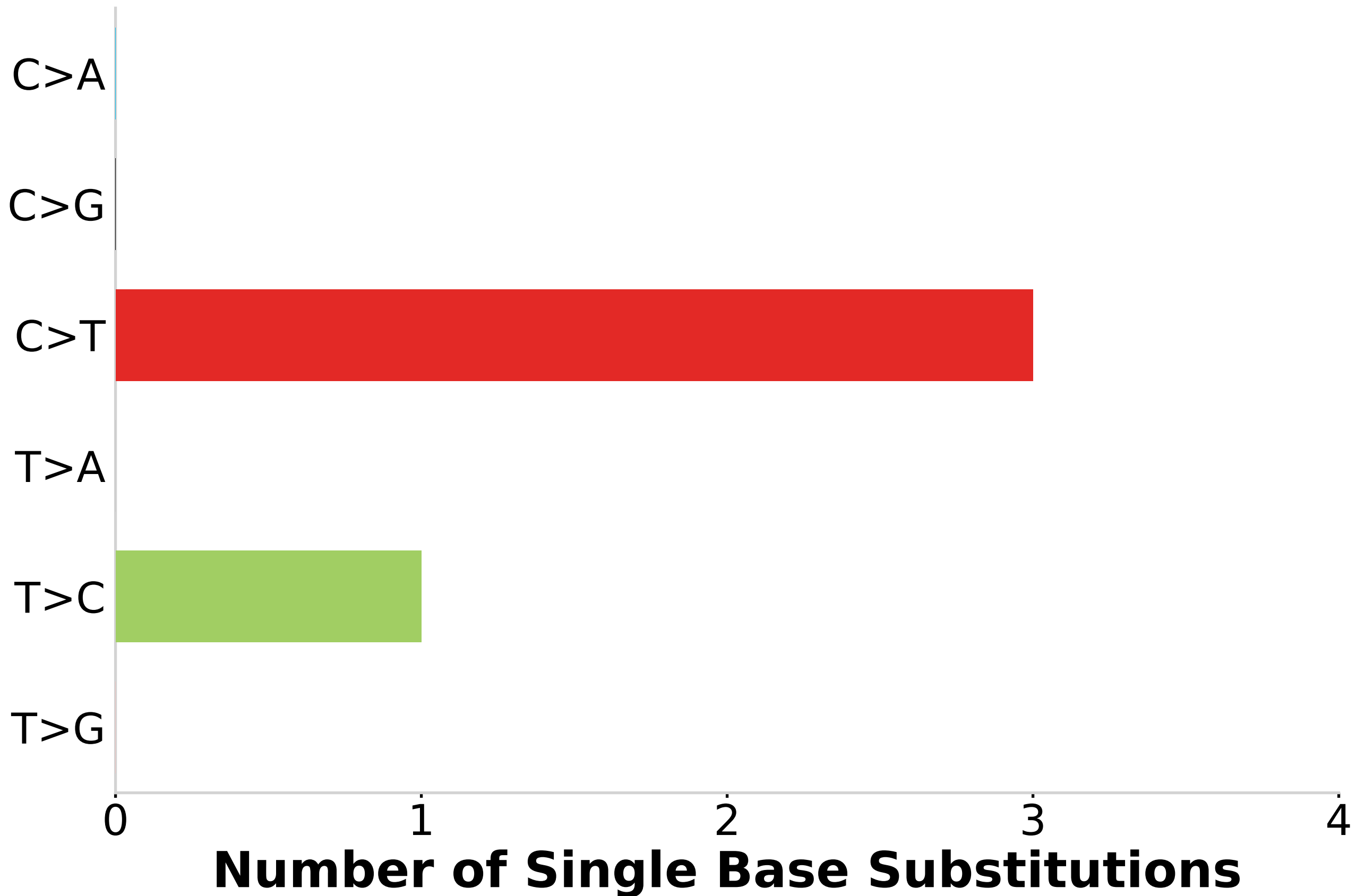
TCGA-BH-A0HQ-01A-11W-A050-09: 1 subs



TCGA-BH-A0HU-01A-11W-A050-09: 1 subs



TCGA-BH-A0HY-01A-11W-A071-09: 4 subs



TCGA-BH-A0W7-01A-11D-A10Y-09: 6 subs

C>A

C>G

C>T

T>A

T>C

T>G

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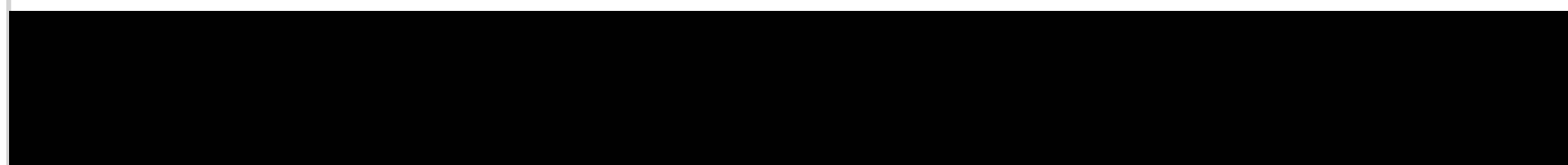
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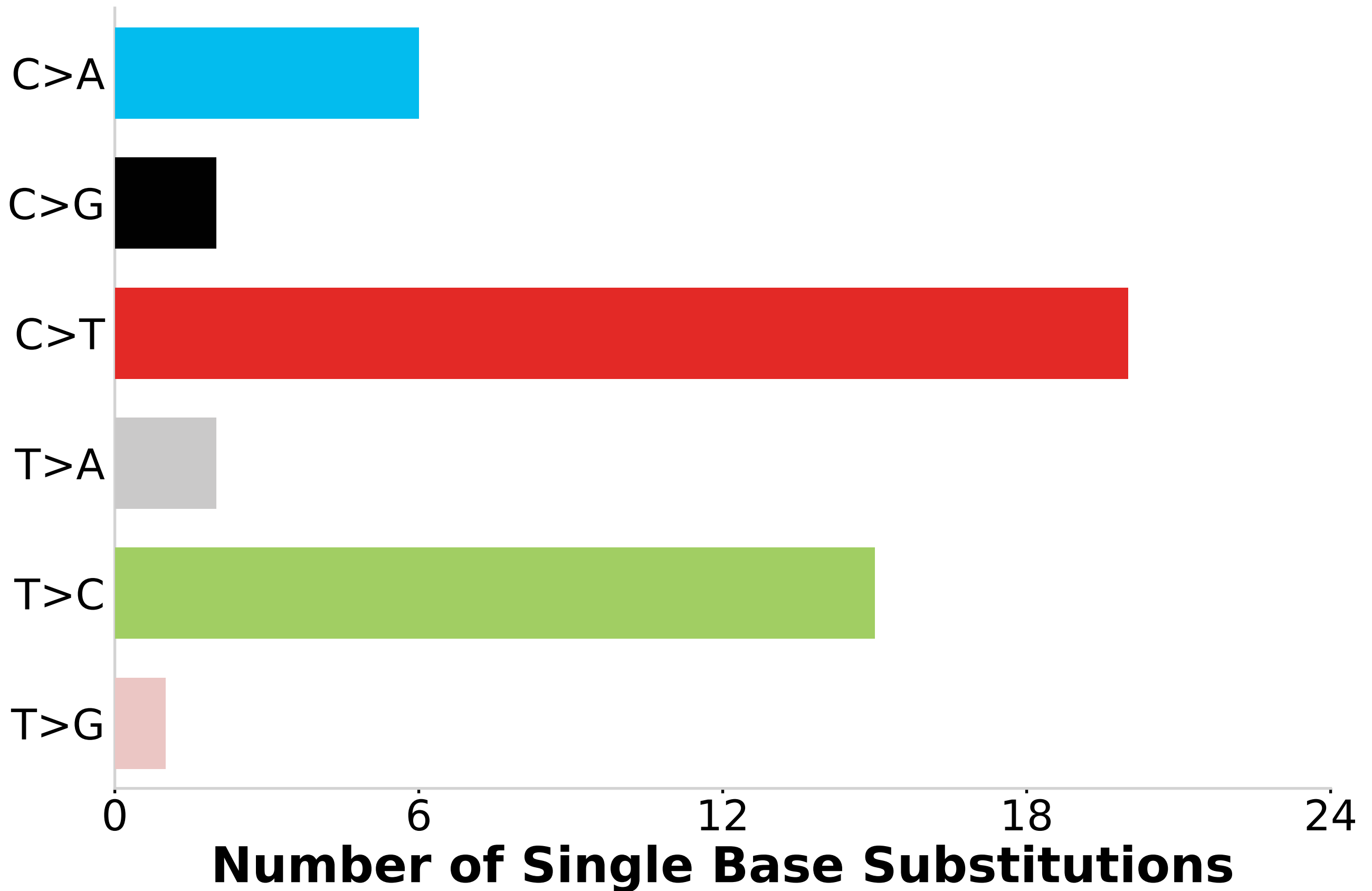
Number of Single Base Substitutions



TCGA-BH-A0WA-01A-11D-A10G-09: 1 subs



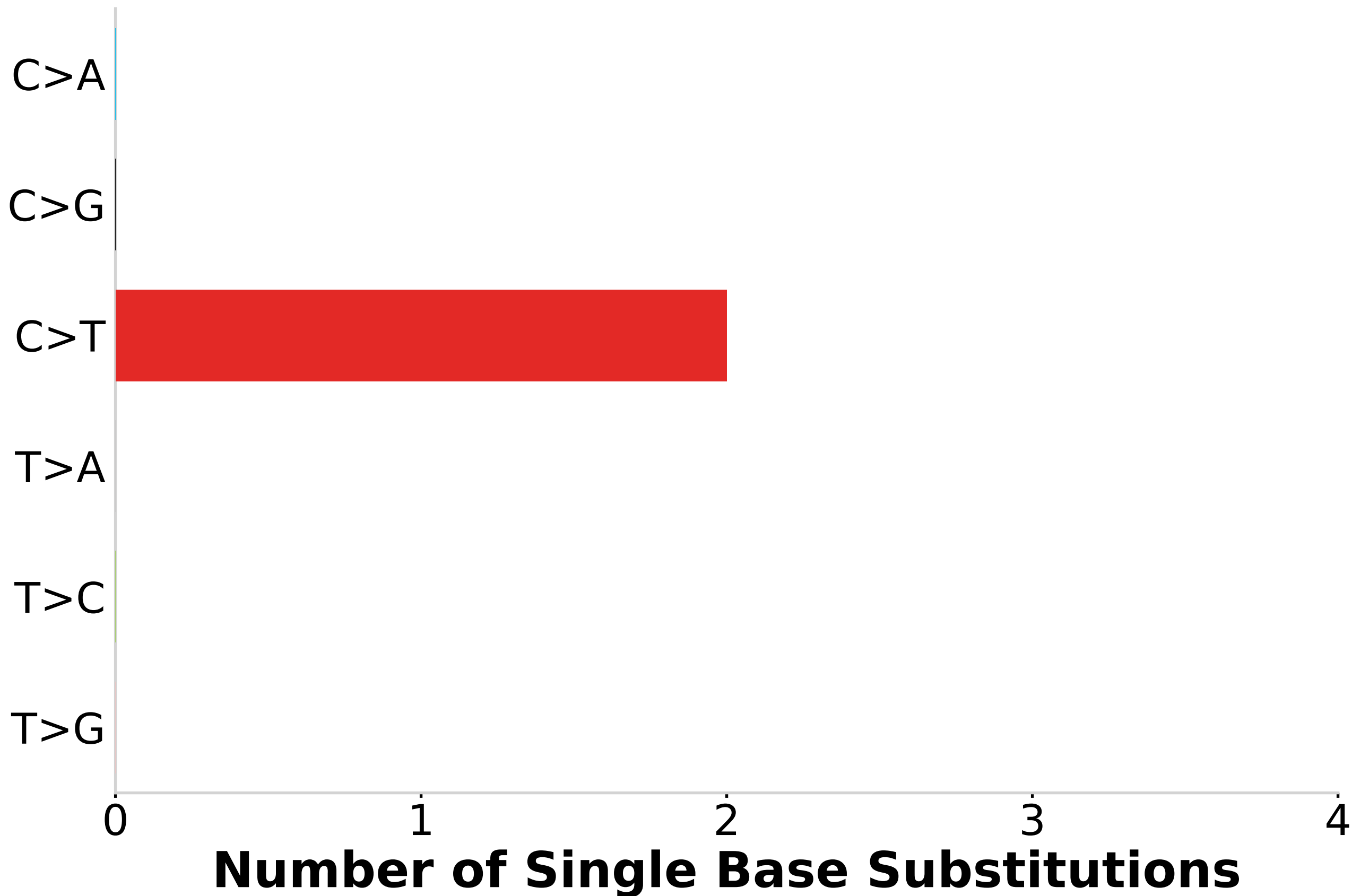
TCGA-BH-A18G-01A-11D-A12B-09: 46 subs



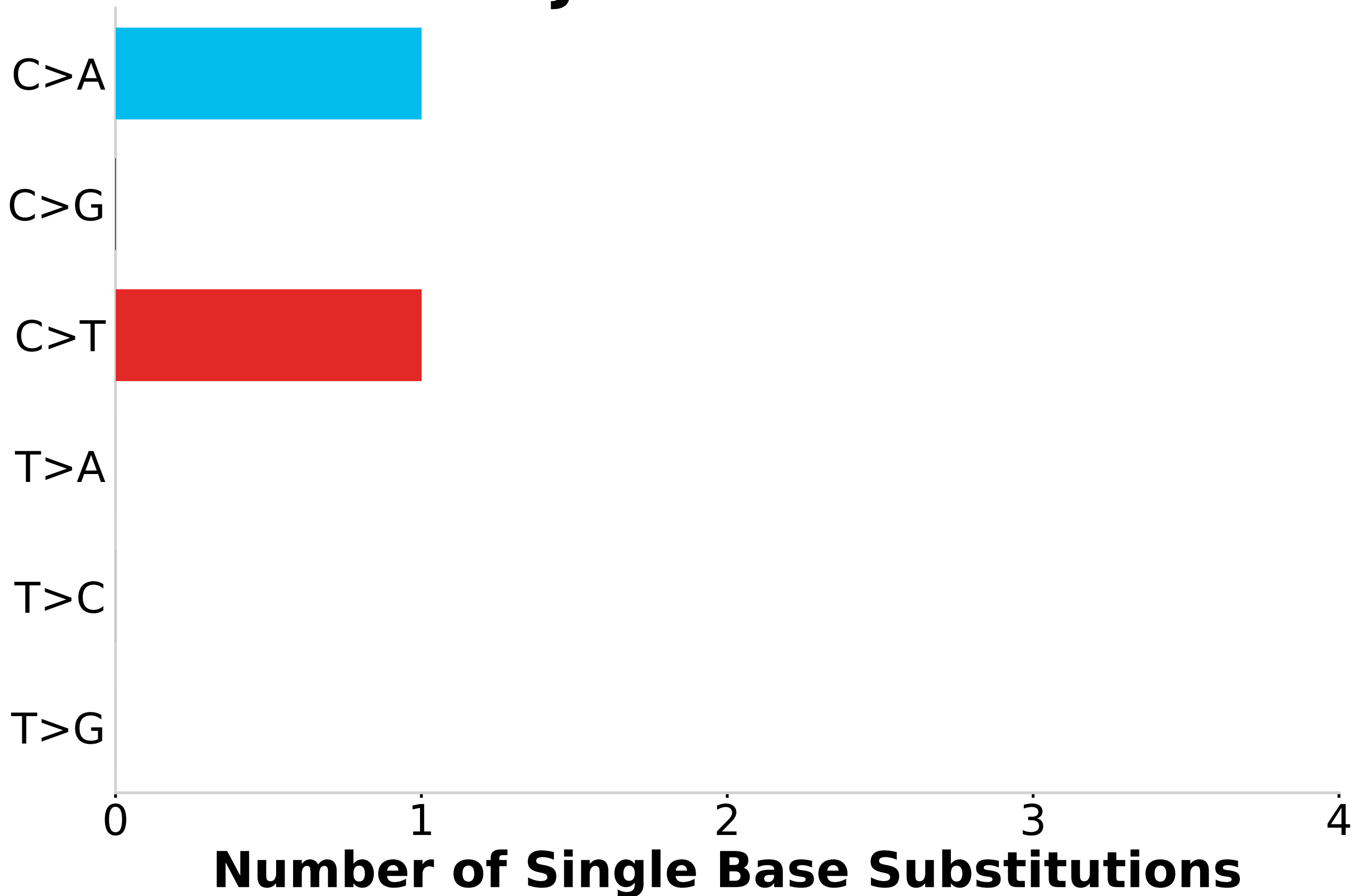
TCGA-BH-A18H-01A-11D-A12B-09: 1 subs



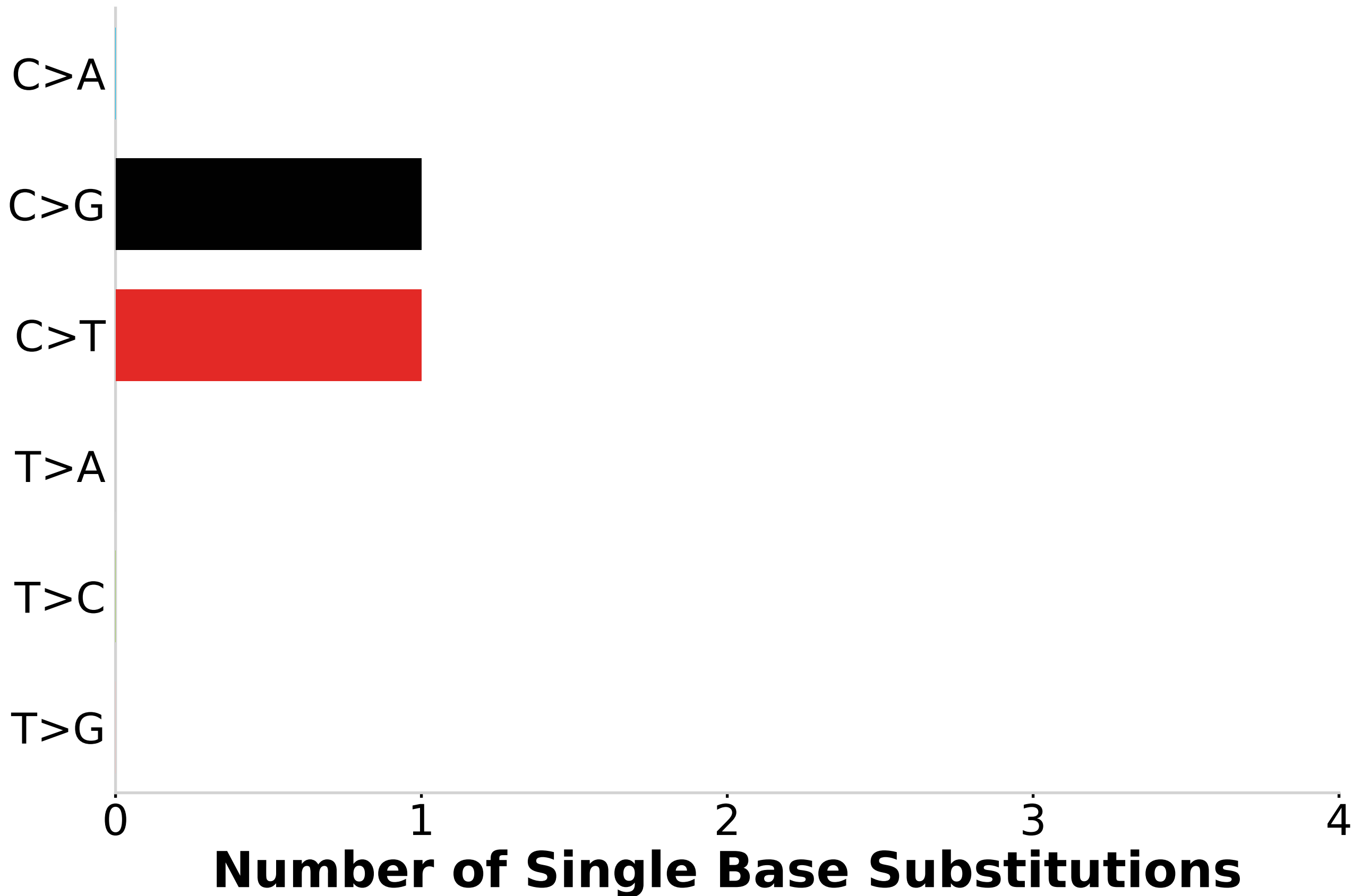
TCGA-BH-A18I-01A-11D-A12B-09: 2 subs



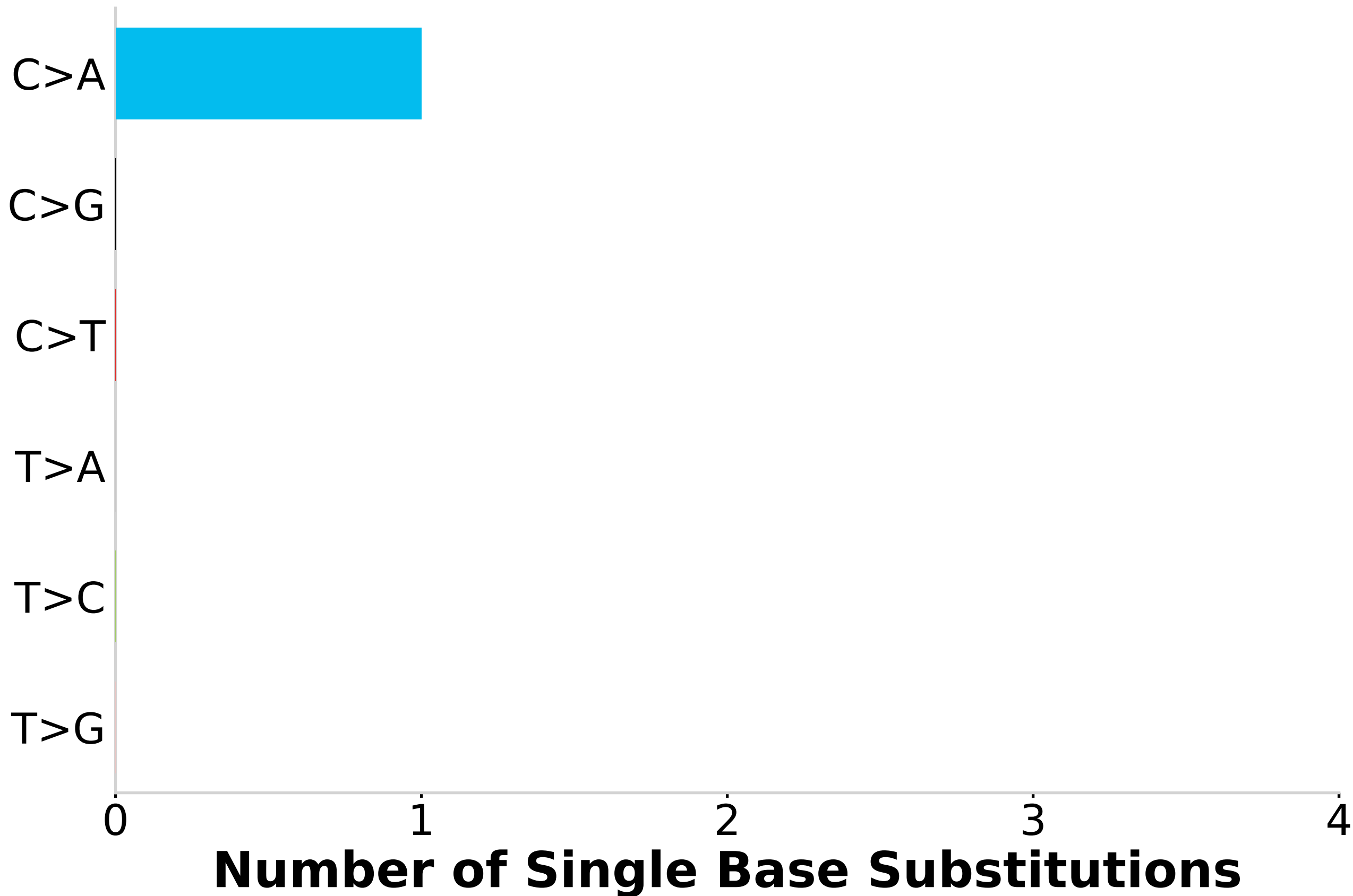
TCGA-BH-A18J-01A-11D-A12B-09: 2 subs



TCGA-BH-A18K-01A-11D-A12B-09: 2 subs



TCGA-BH-A18L-01A-32D-A12B-09: 1 subs



TCGA-BH-A18N-01A-11D-A12B-09: 1 subs

C>A

C>G

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T>A

T>C

T>G

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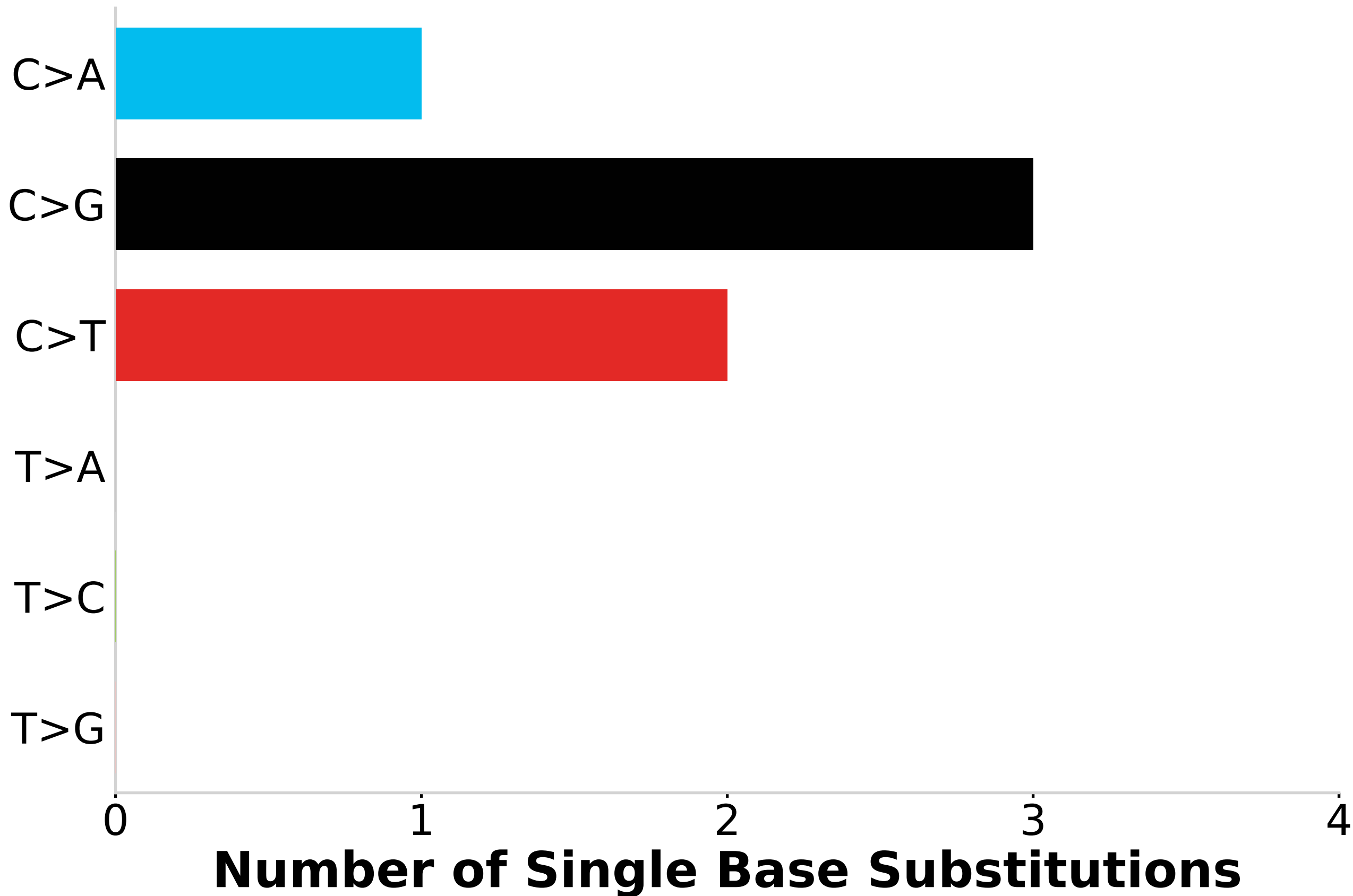
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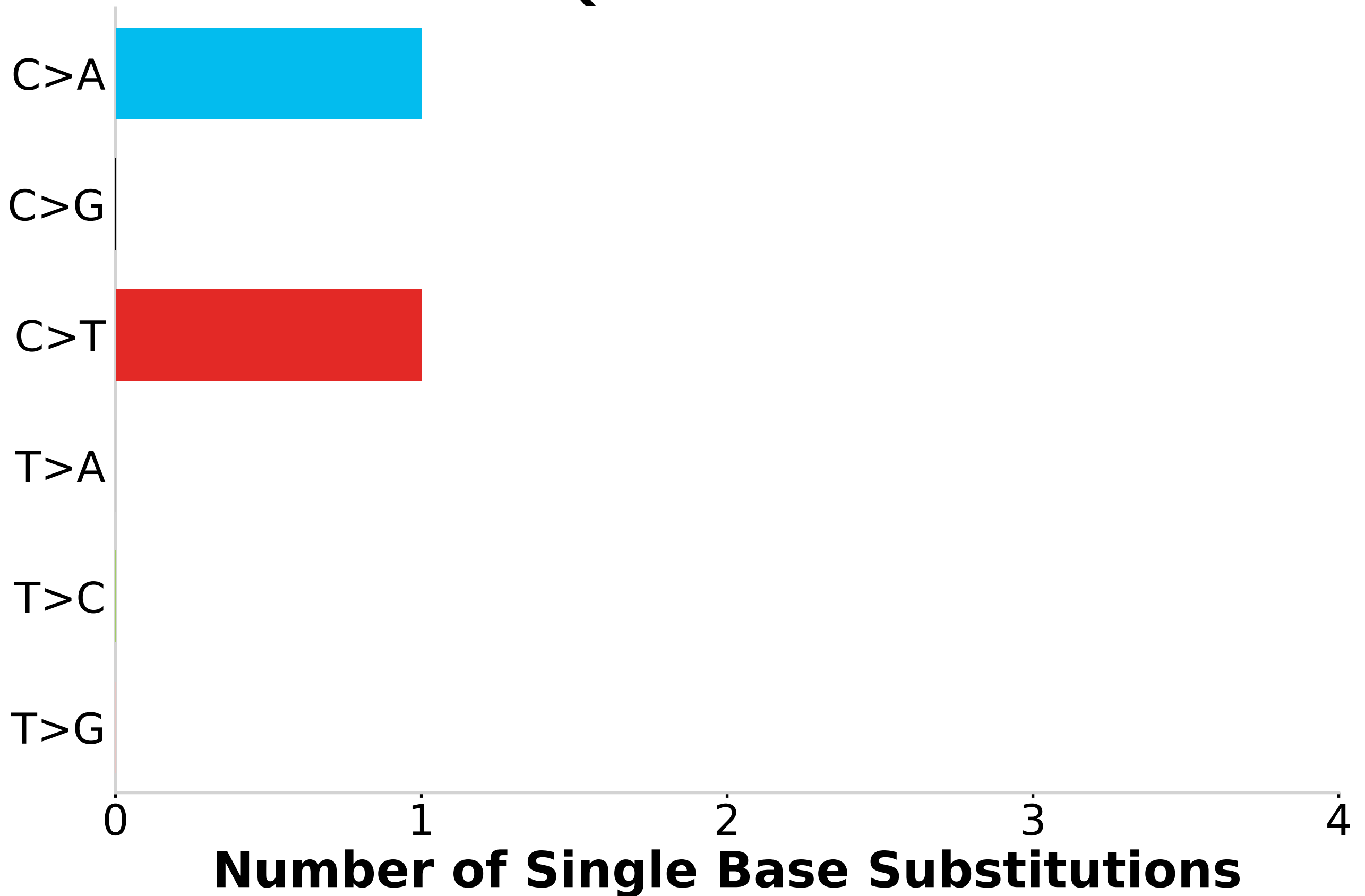
Number of Single Base Substitutions



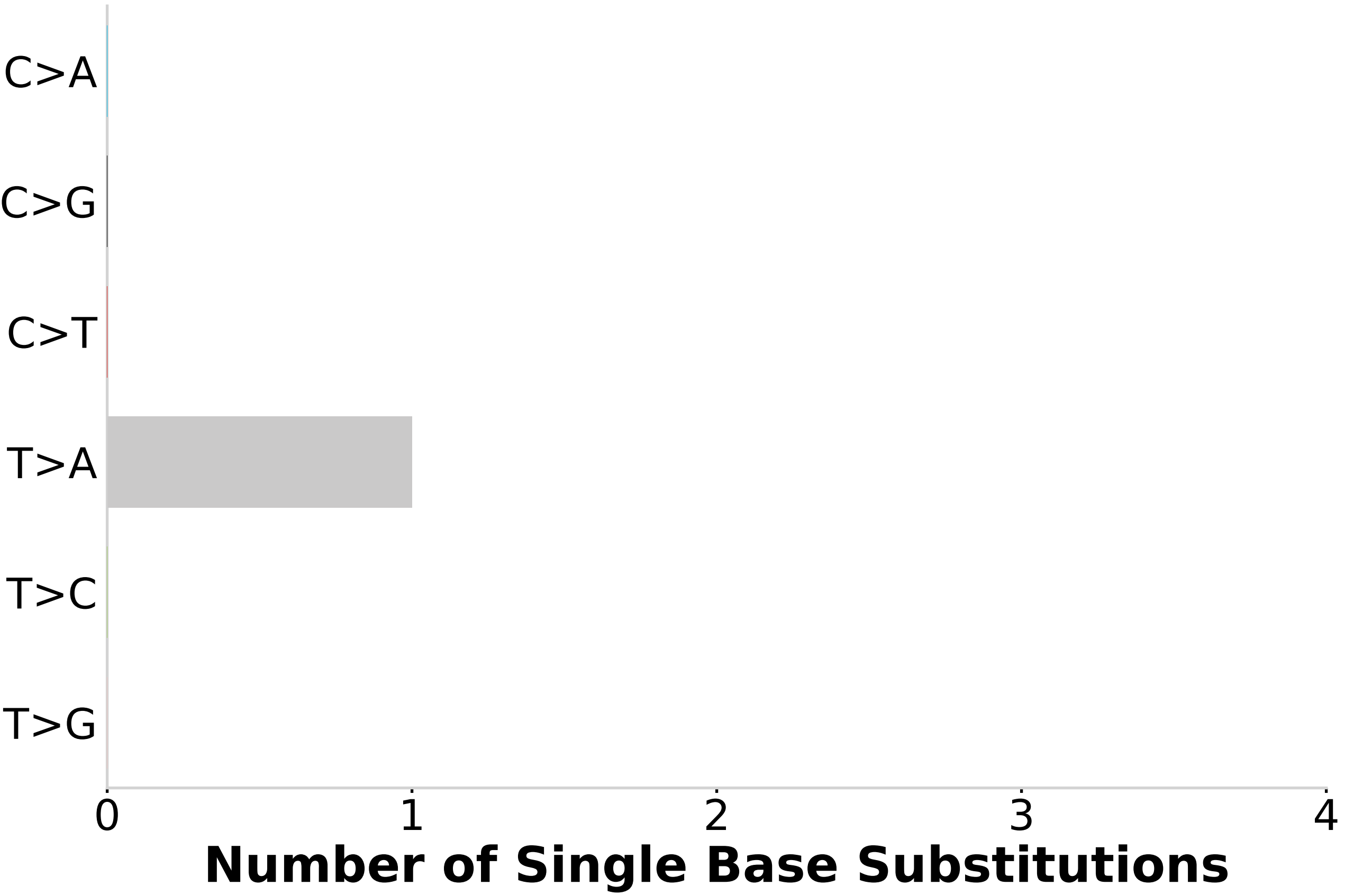
TCGA-BH-A18P-01A-11D-A12B-09: 6 subs



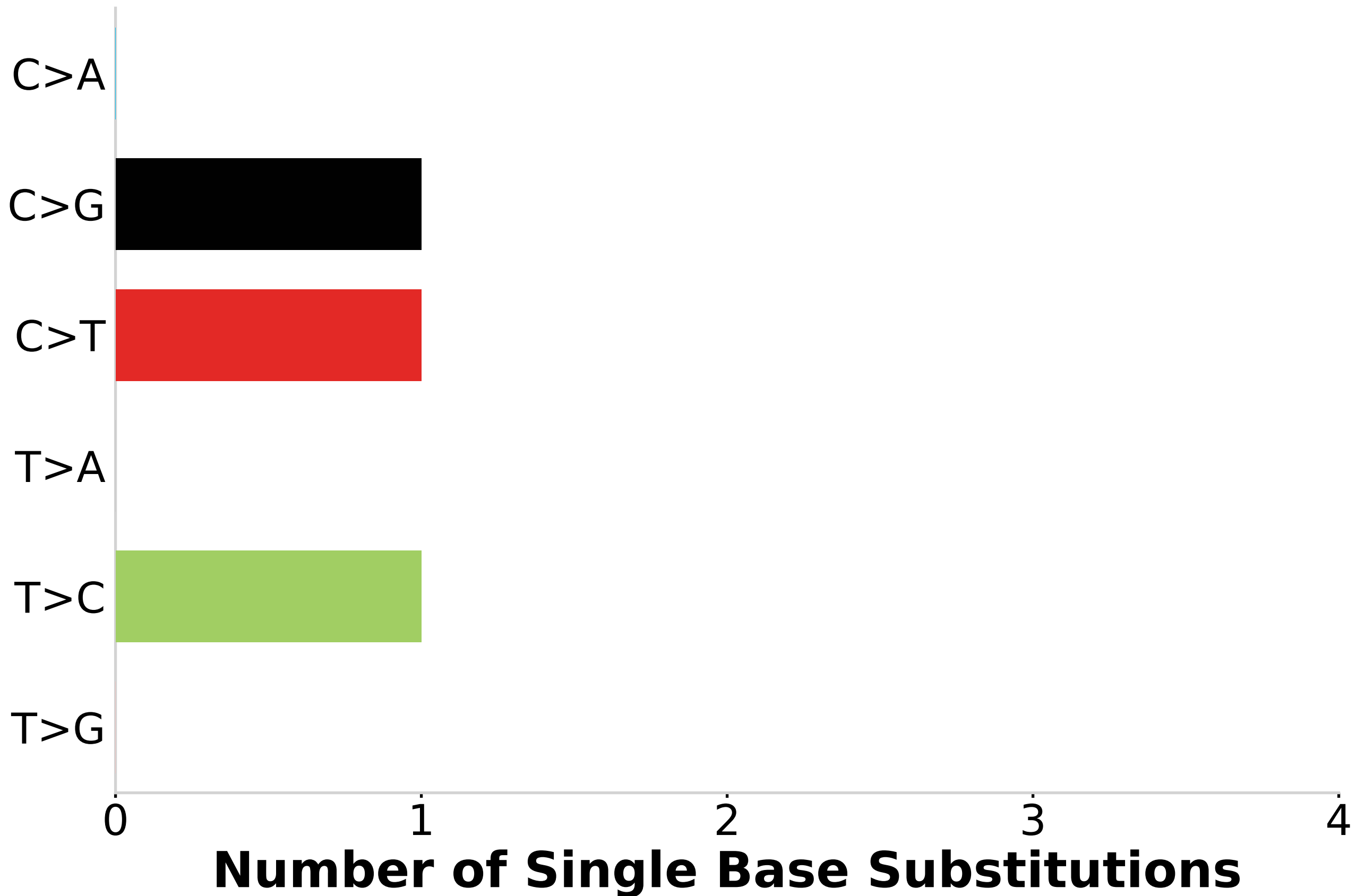
TCGA-BH-A18Q-01A-12D-A12B-09: 2 subs



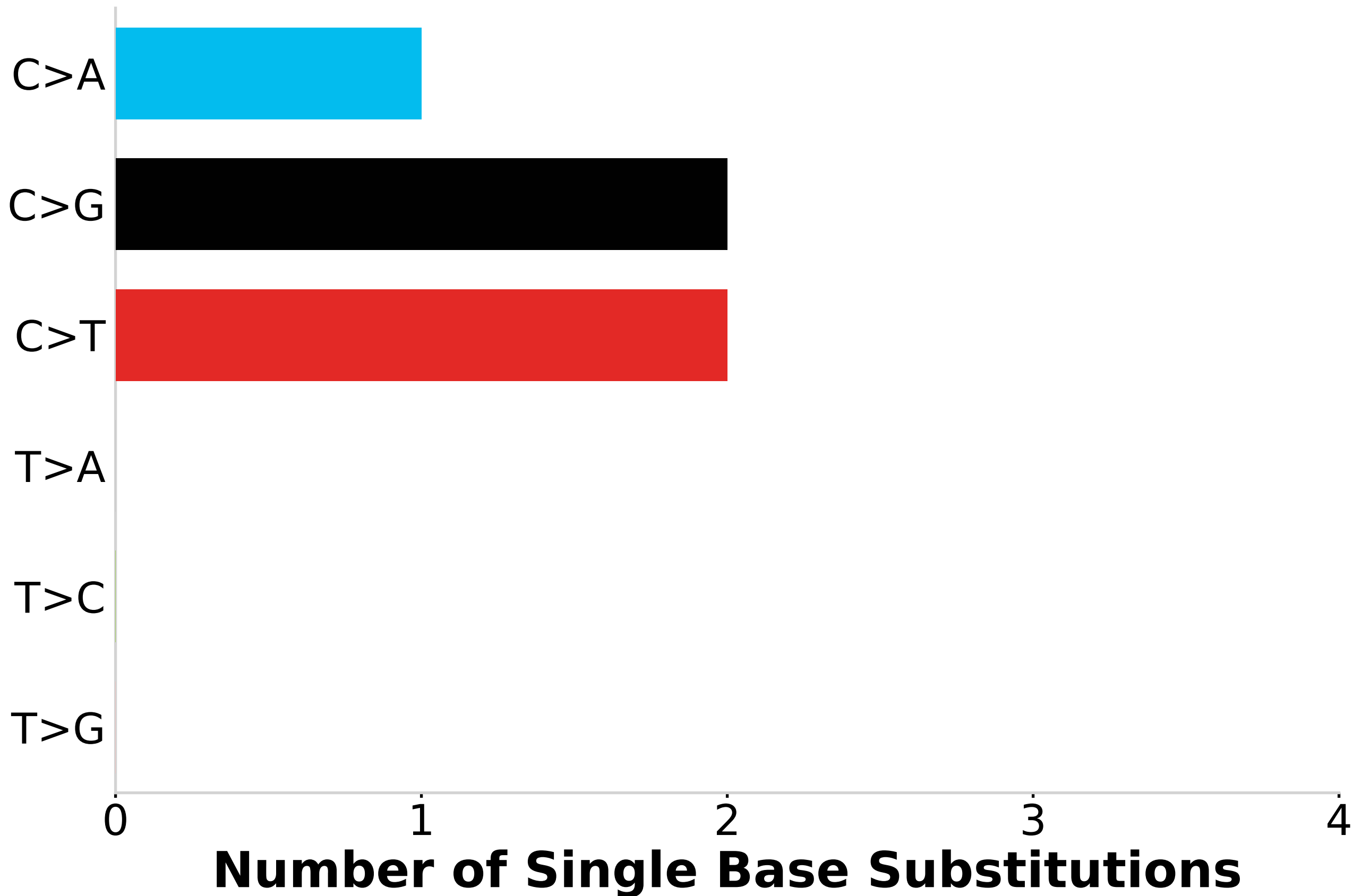
TCGA-BH-A18T-01A-11D-A12B-09: 1 subs



TCGA-BH-A18U-01A-21D-A12B-09: 3 subs



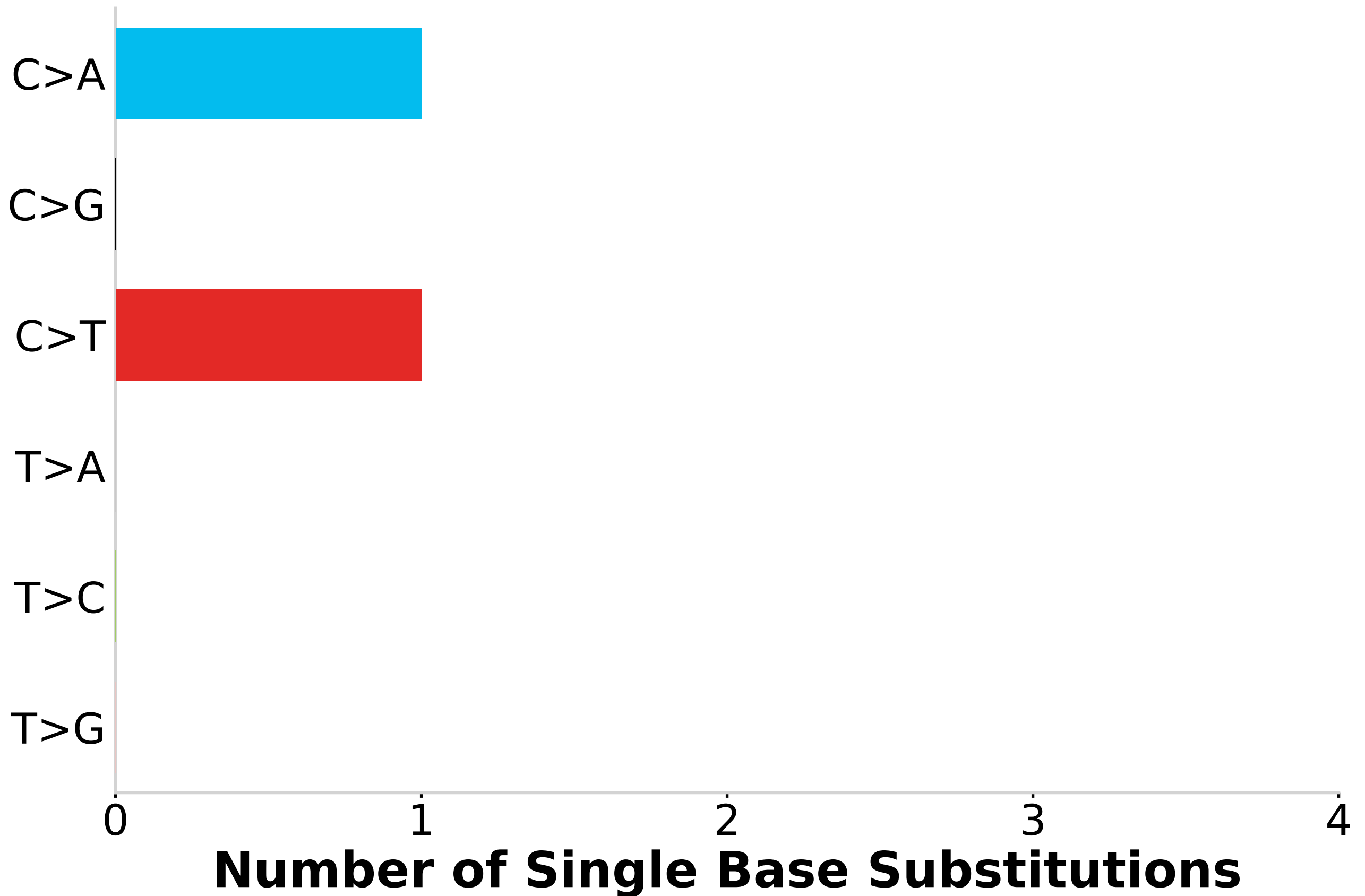
TCGA-BH-A18V-01A-11D-A12B-09: 5 subs



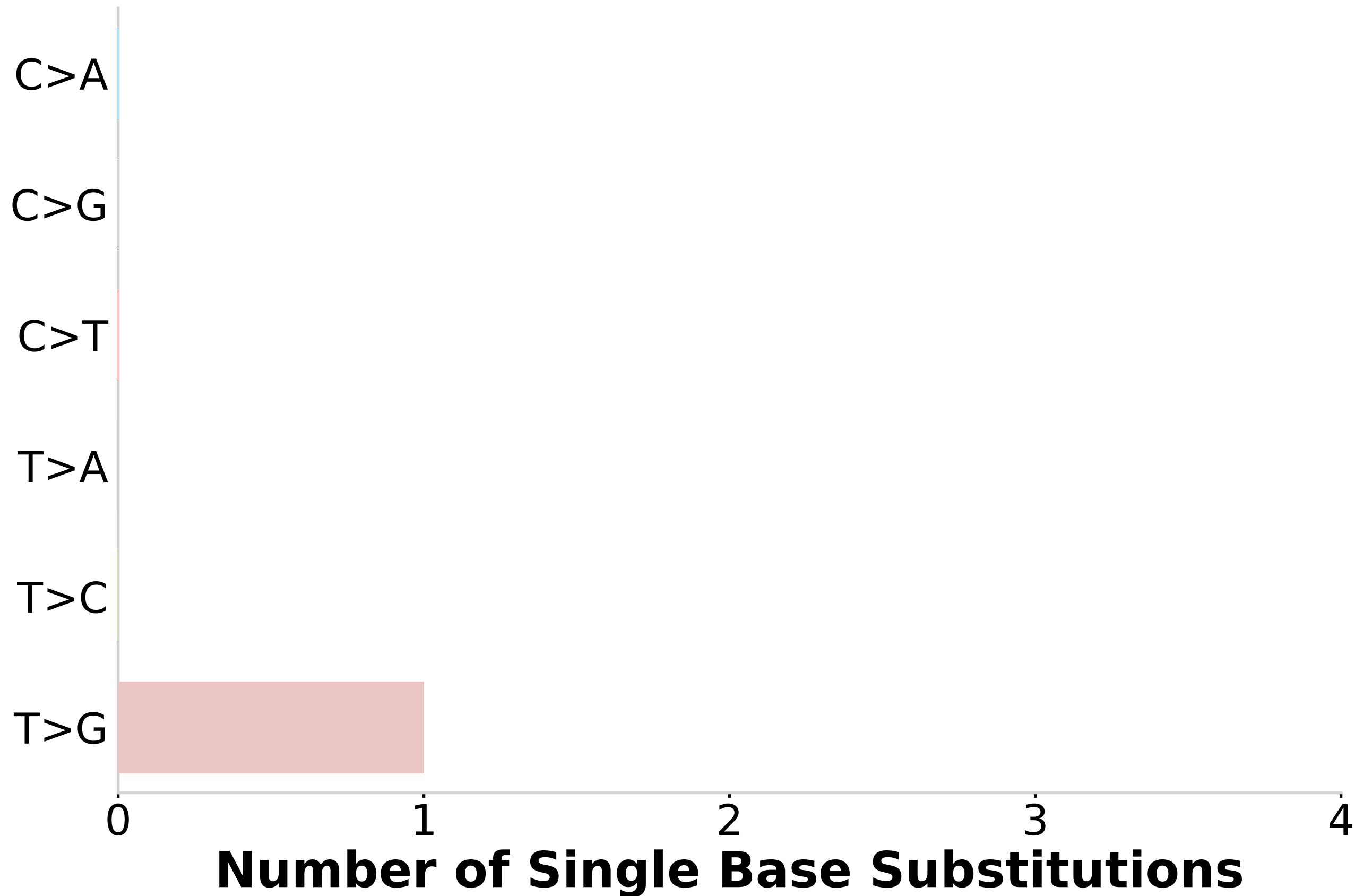
TCGA-BH-A1EN-01A-11D-A17G-09: 1 subs



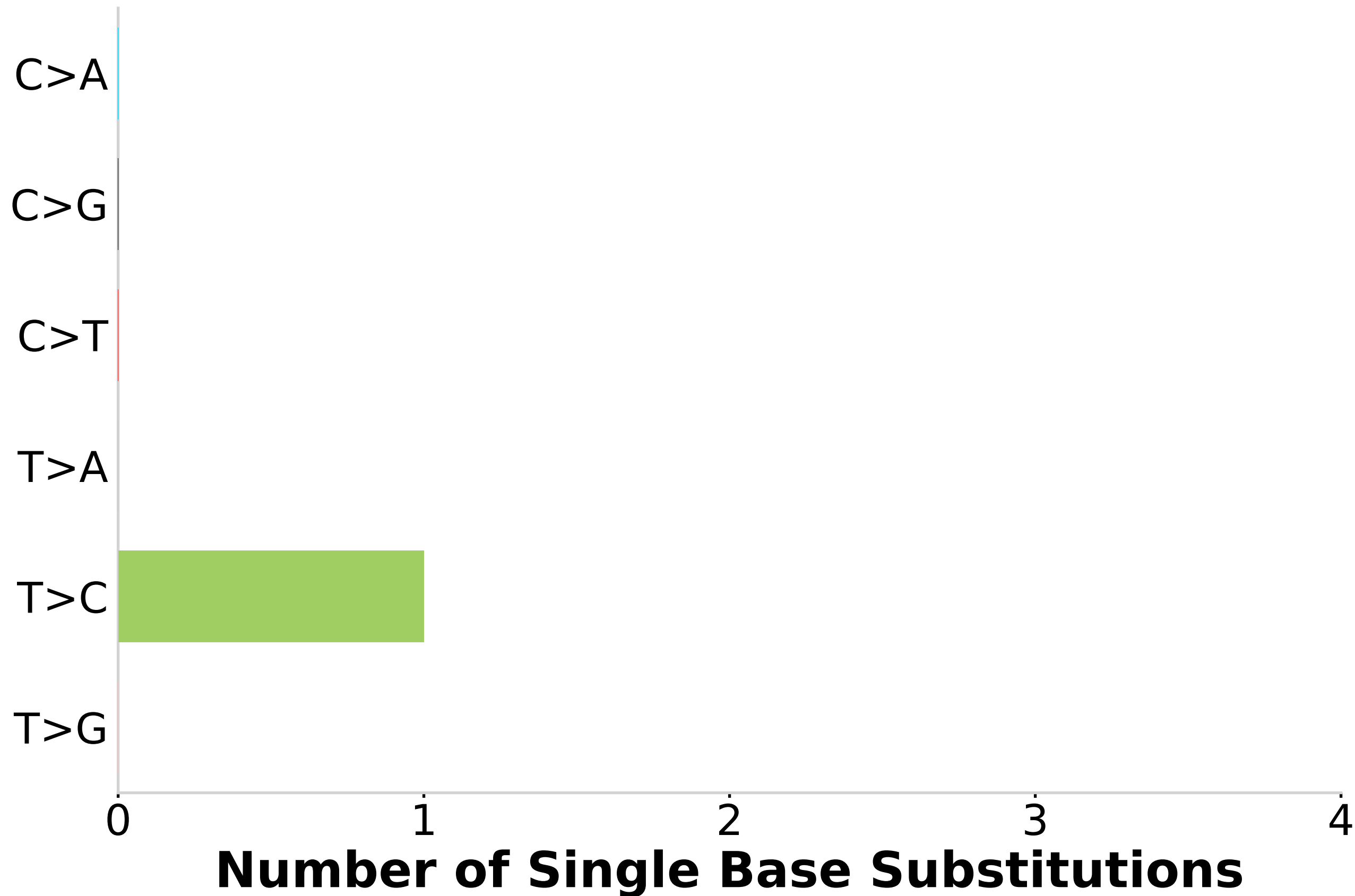
TCGA-BH-A1EO-01A-11D-A135-09: 2 subs



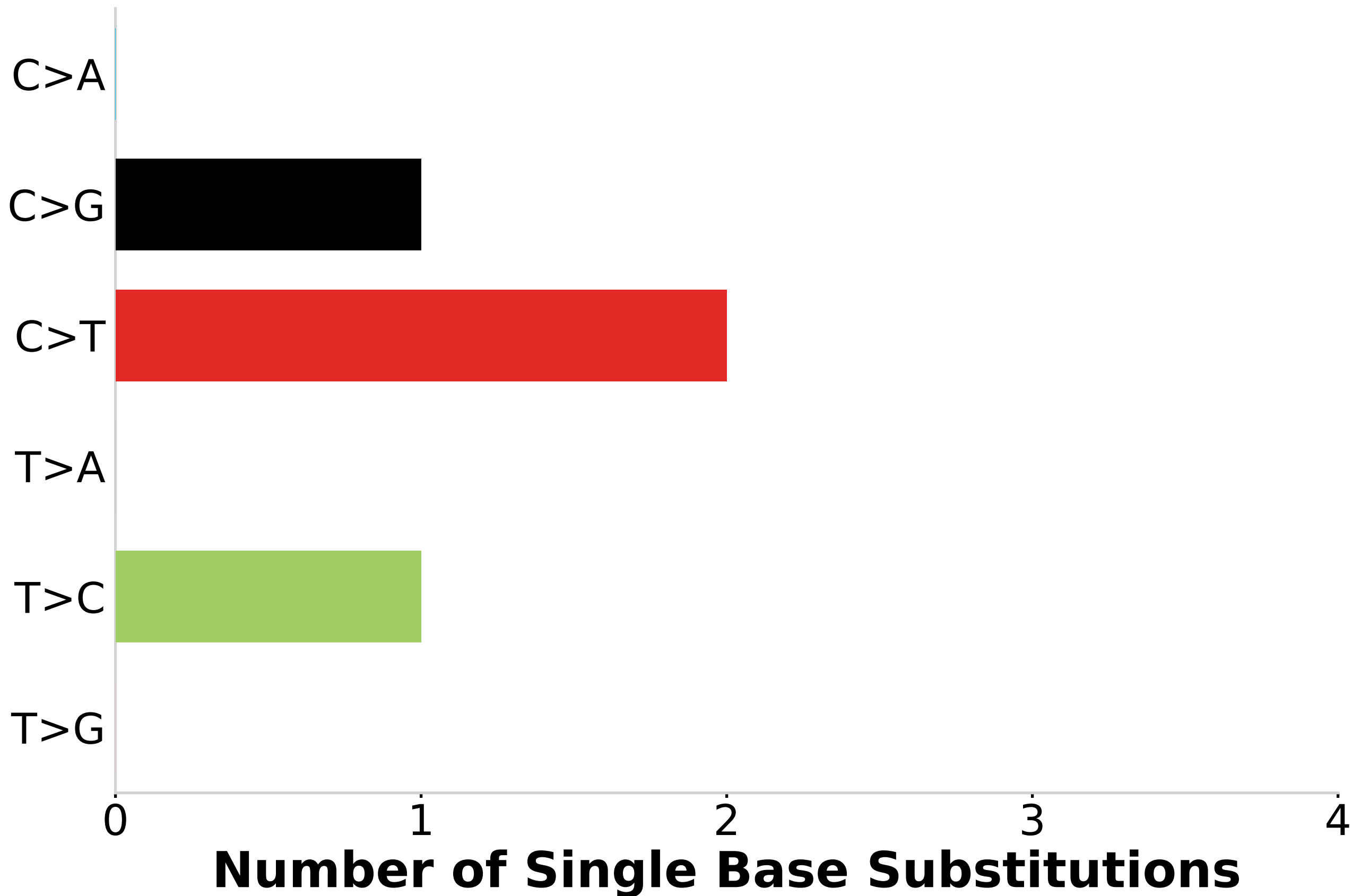
TCGA-BH-A1ES-01A-11D-A135-09: 1 subs



TCGA-BH-A1EU-01A-11D-A135-09: 1 subs



TCGA-BH-A1EV-01A-11D-A135-09: 4 subs



TCGA-BH-A1F0-01A-11D-A135-09: 1 subs



TCGA-BH-A1F2-01A-31D-A13L-09: 3 subs

C>A

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T>A

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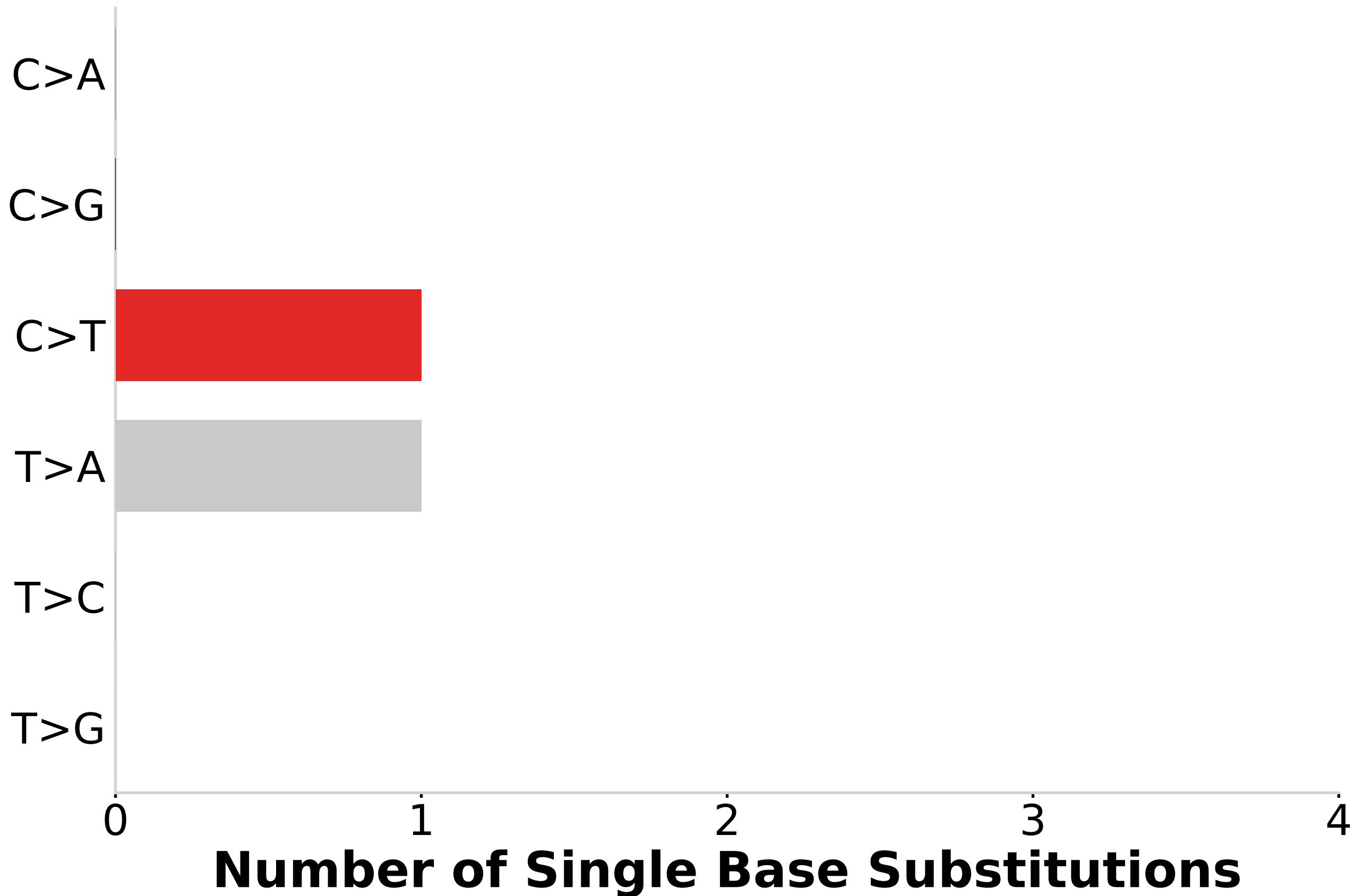
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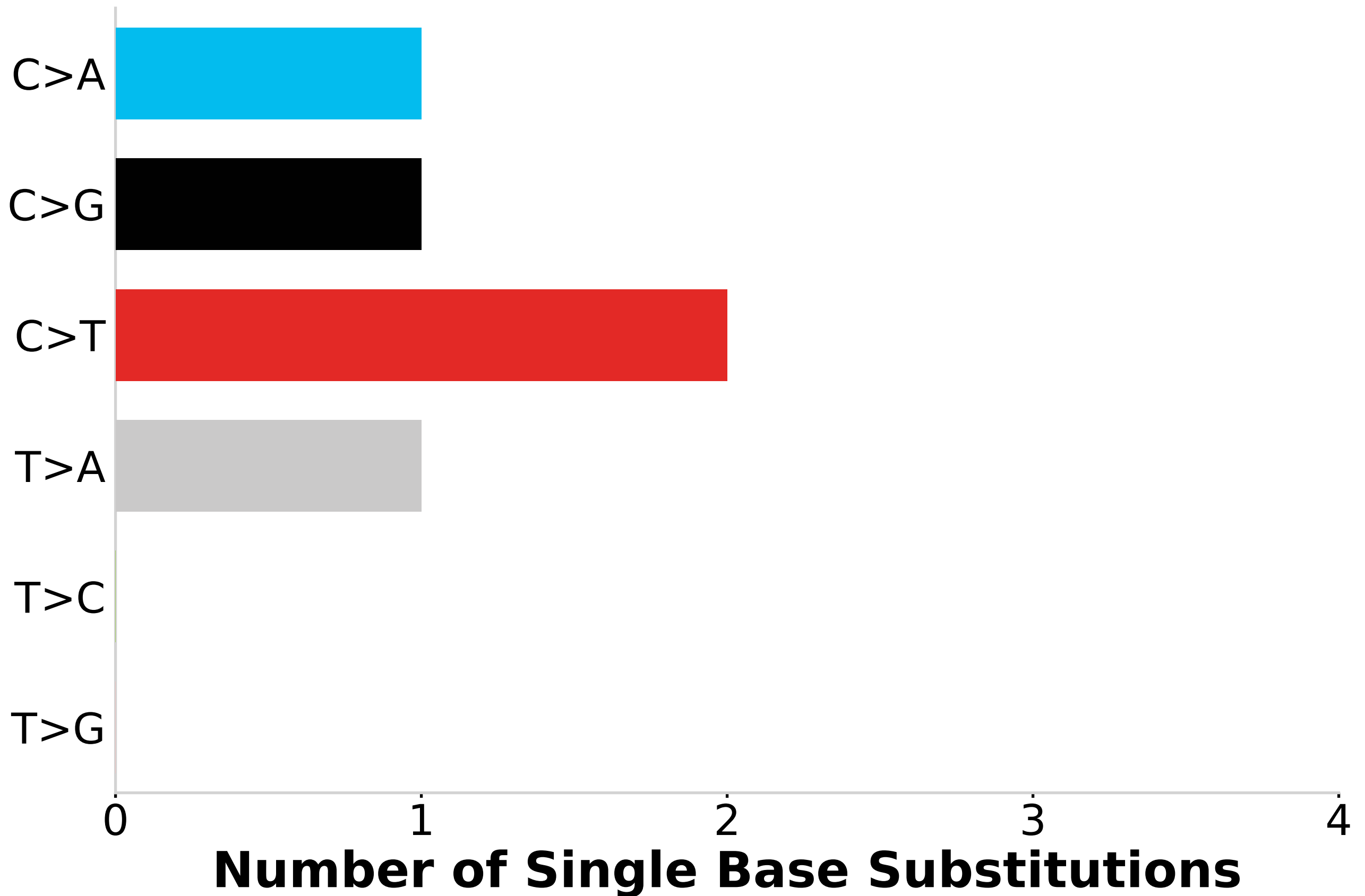
Number of Single Base Substitutions



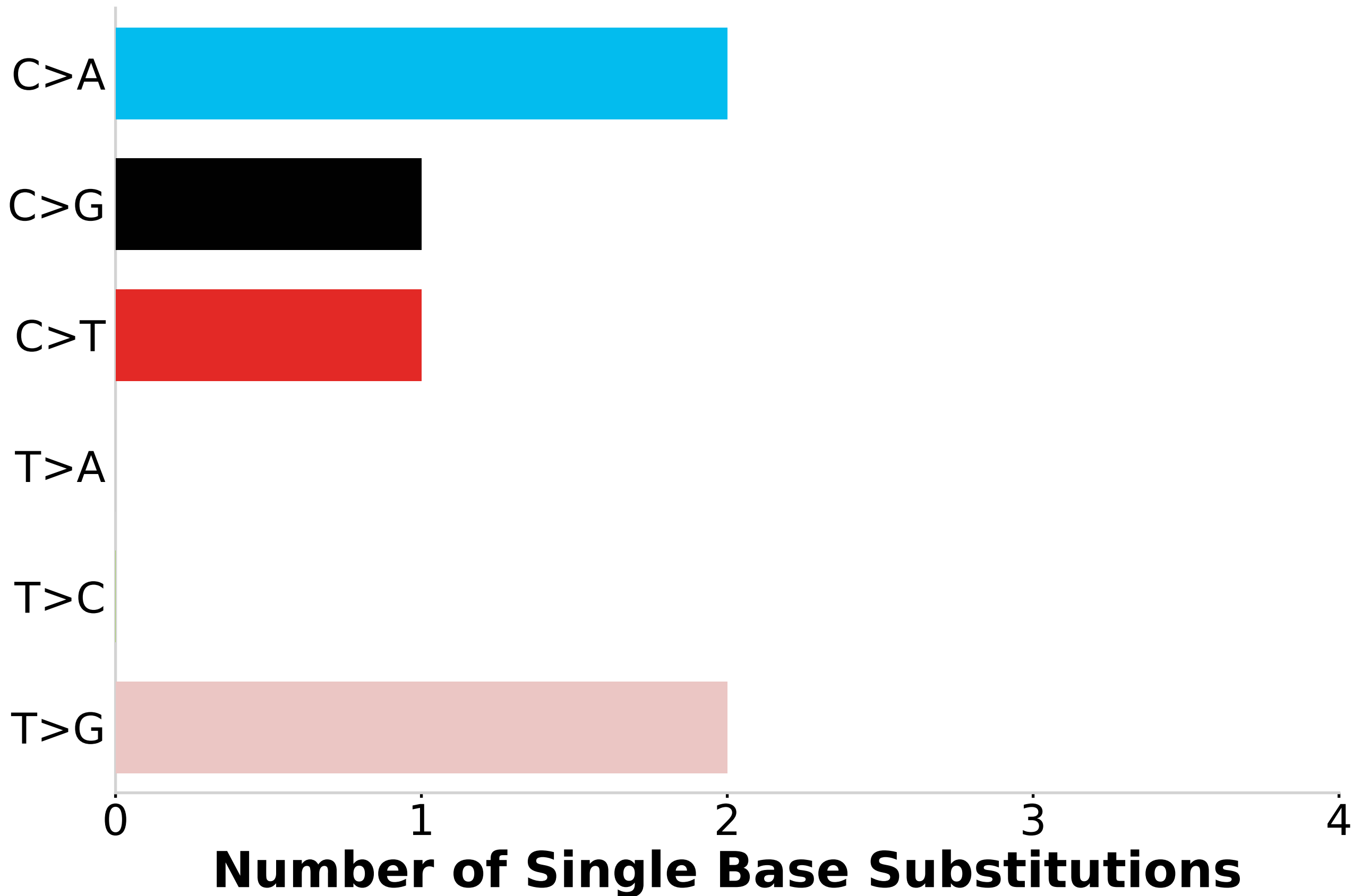
TCGA-BH-A1F5-01A-12D-A13L-09: 2 subs



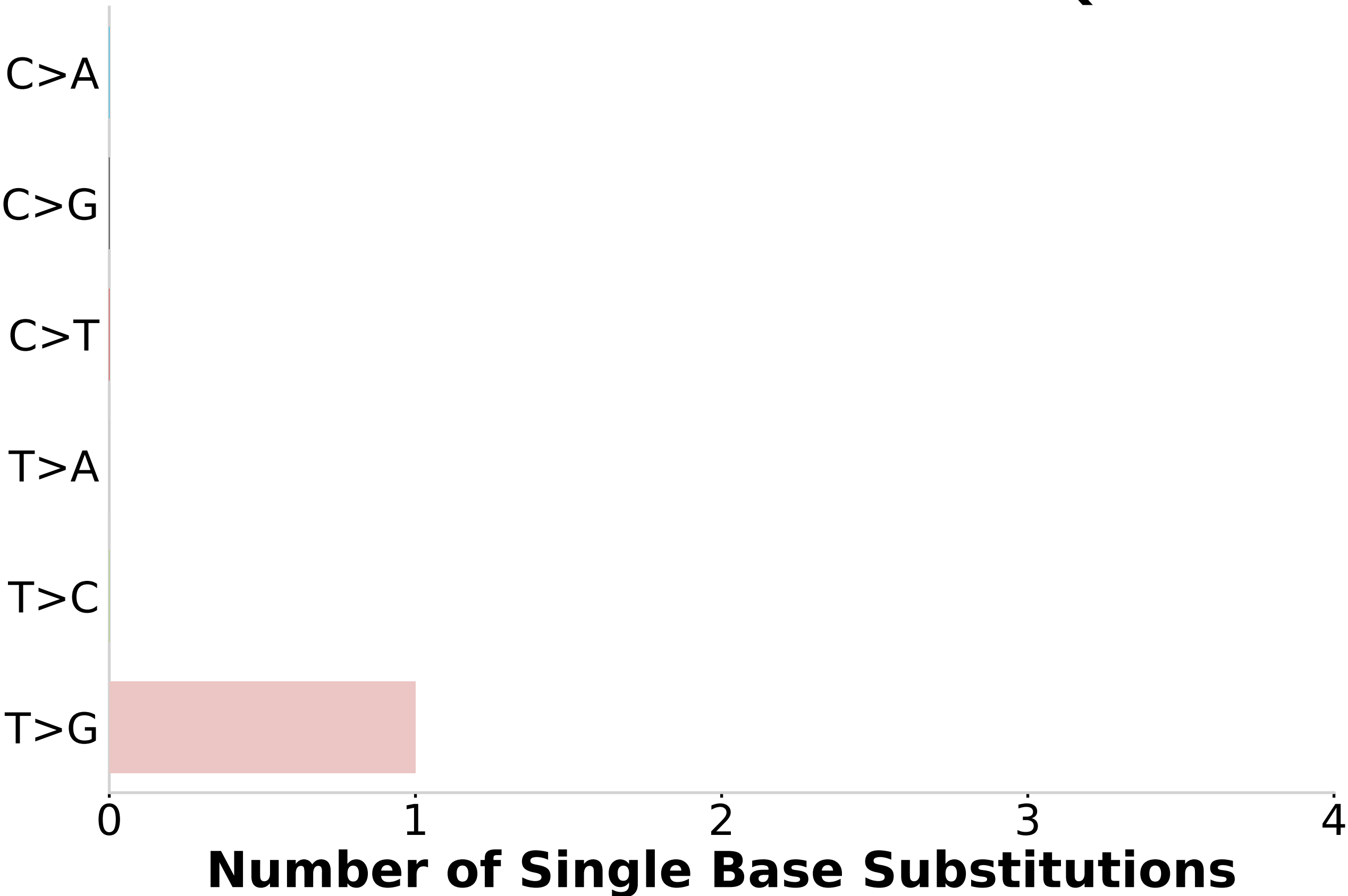
TCGA-BH-A1F8-01A-11D-A13L-09: 5 subs



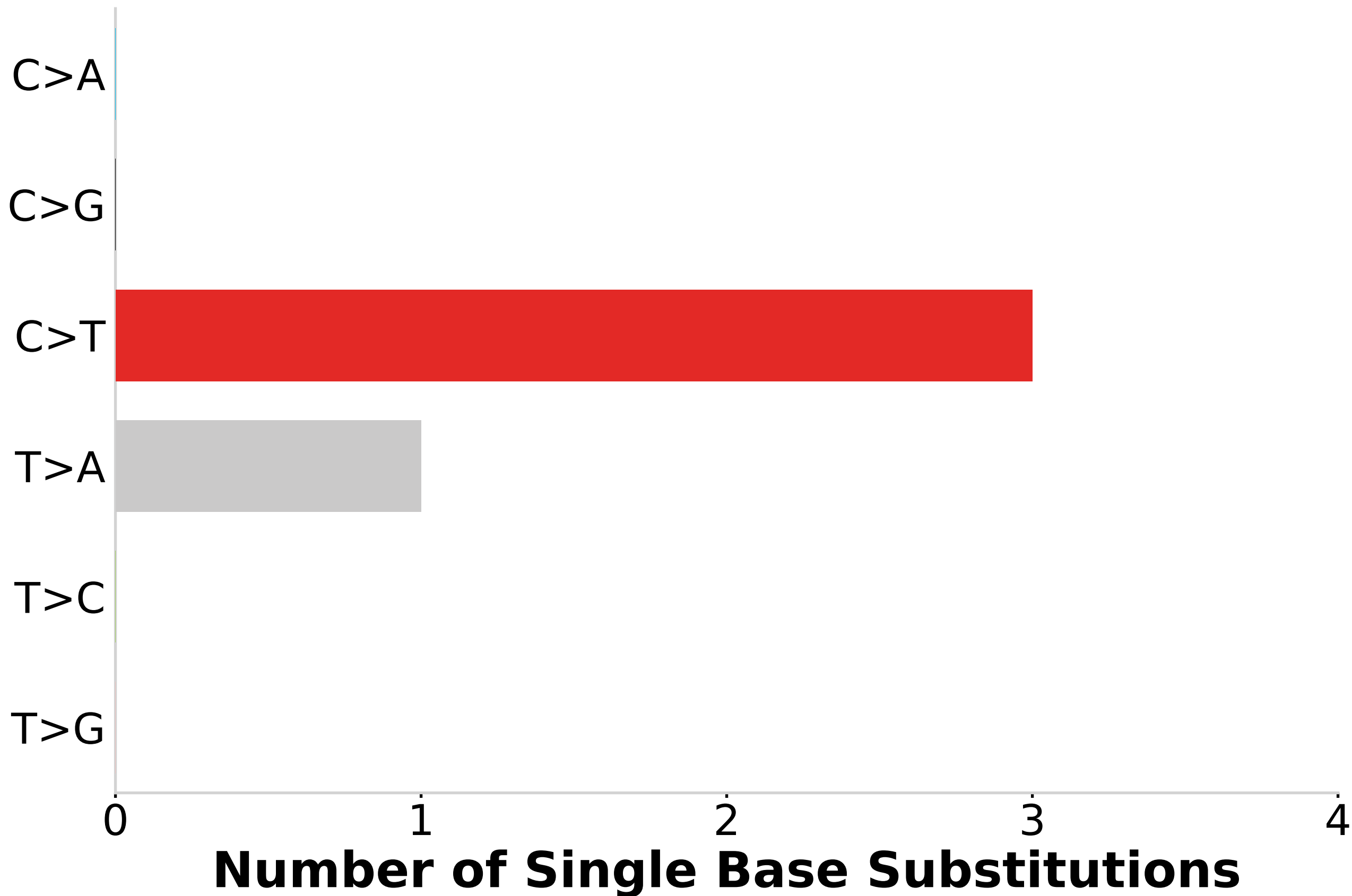
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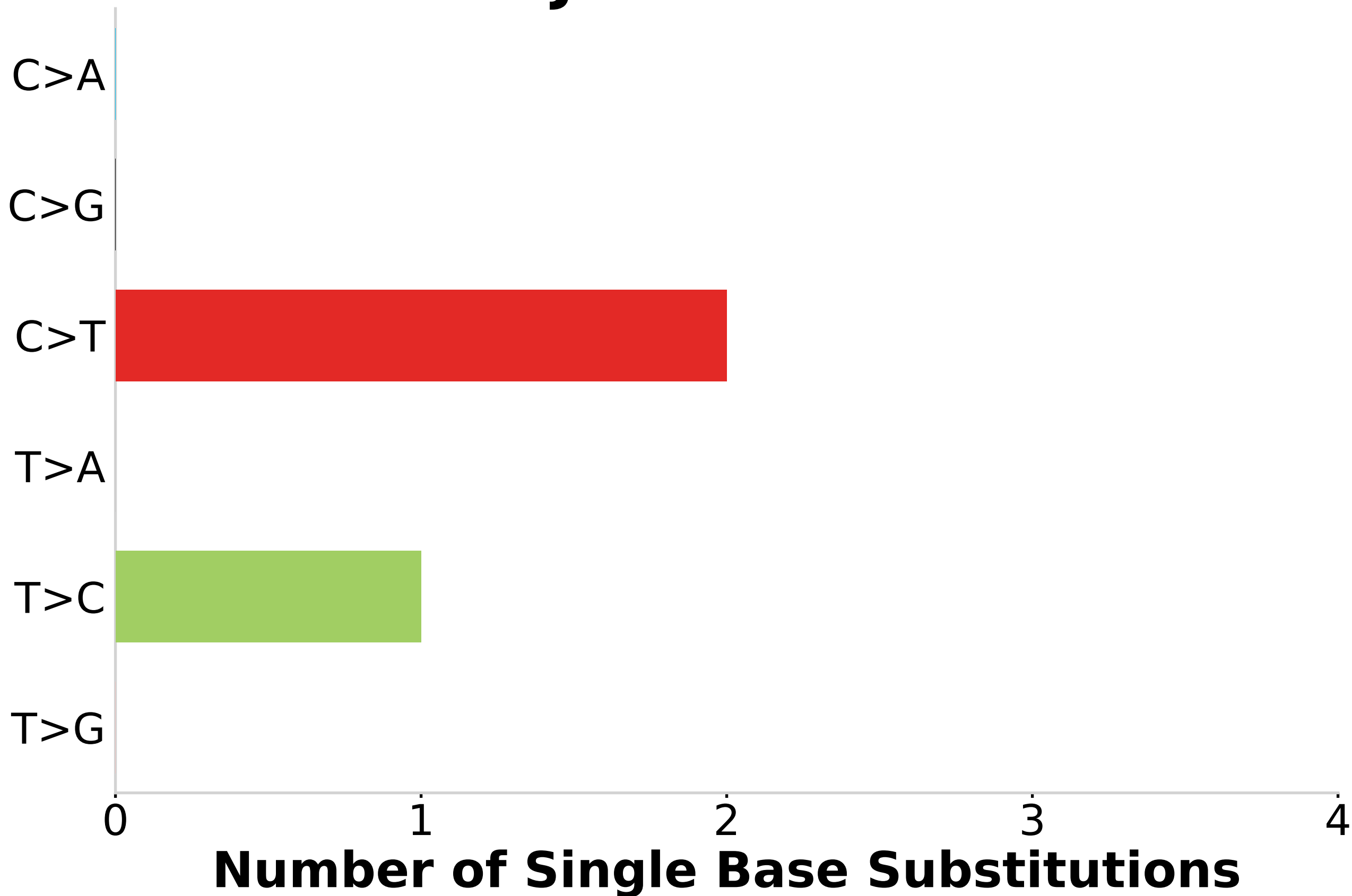
TCGA-BH-A1FD-01A-11W-A14Q-09: 1 subs



TCGA-BH-A1FG-01A-11D-A13L-09: 4 subs



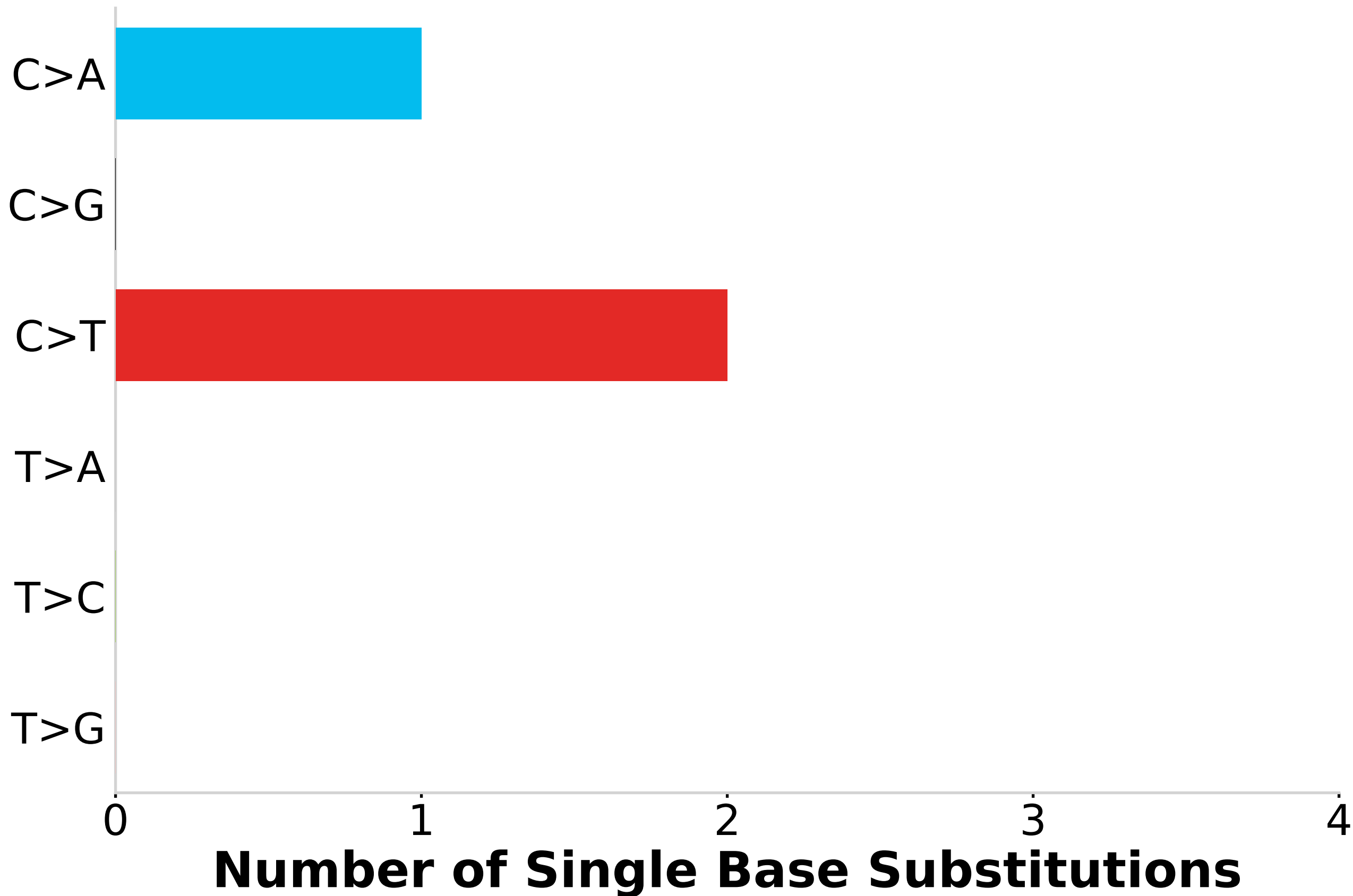
TCGA-BH-A1FJ-01A-11D-A13L-09: 3 subs



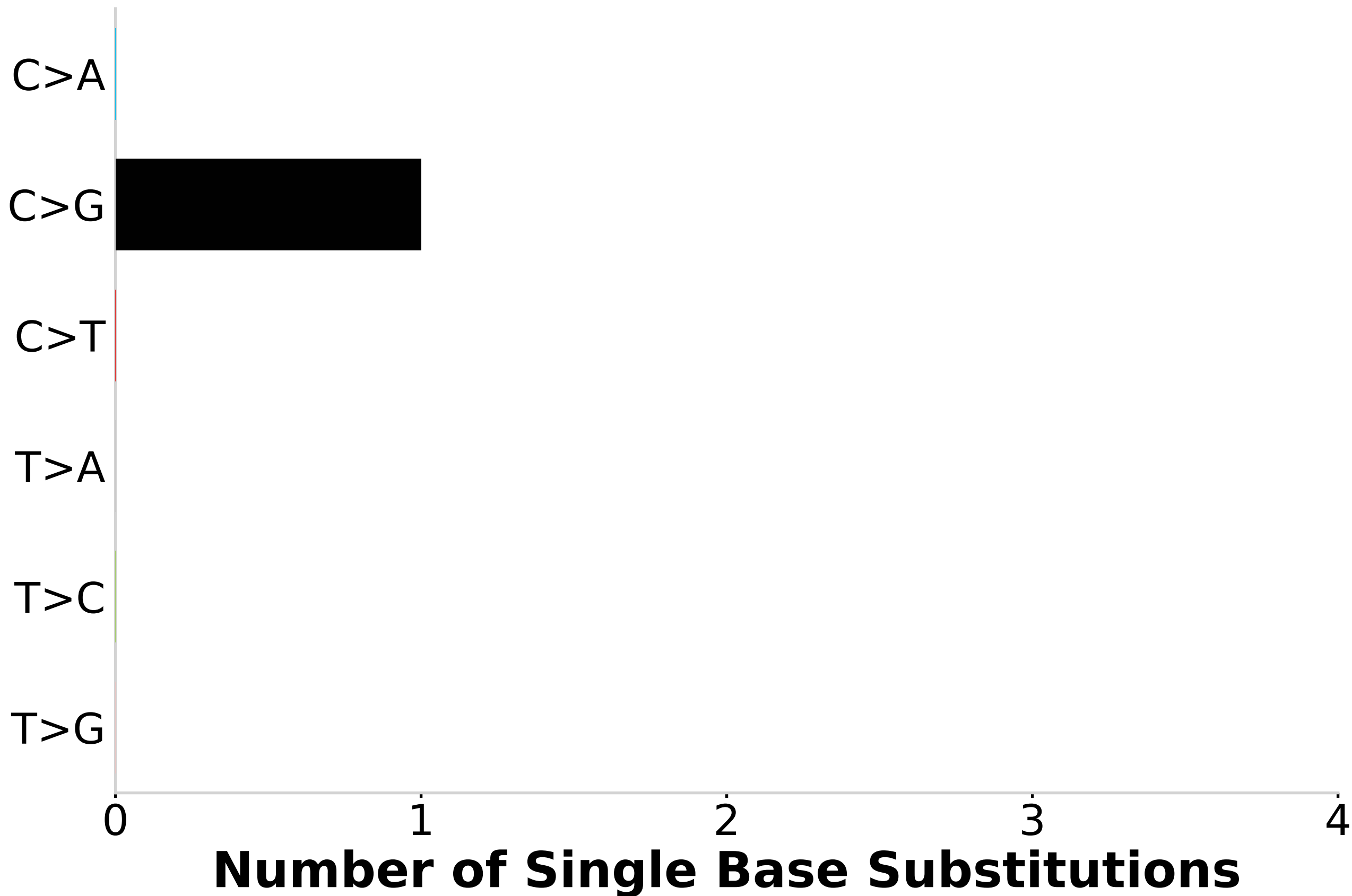
TCGA-BH-A1FM-01A-11D-A13L-09: 1 subs



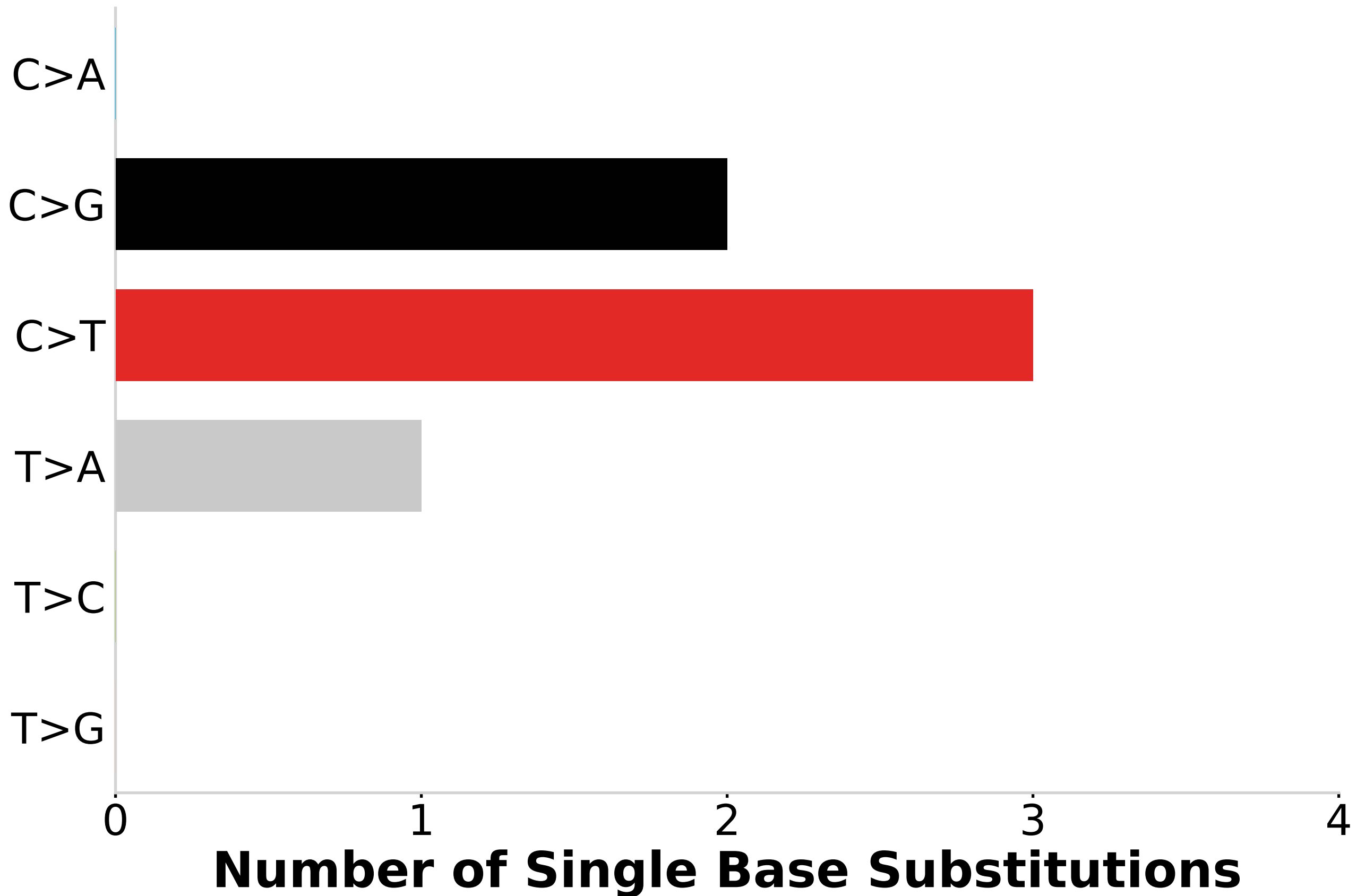
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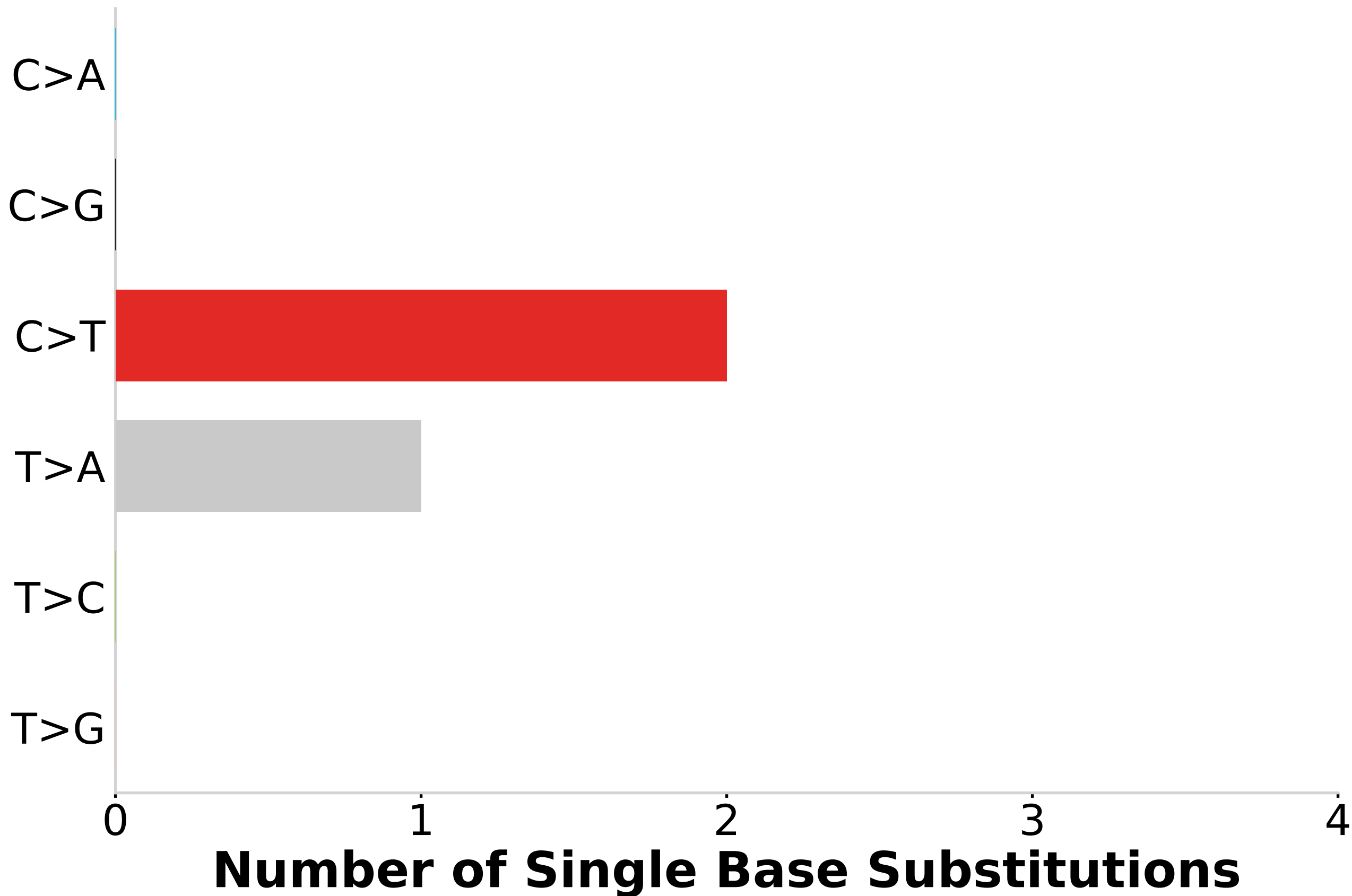
TCGA-BH-A1FR-01A-11D-A13L-09: 1 subs



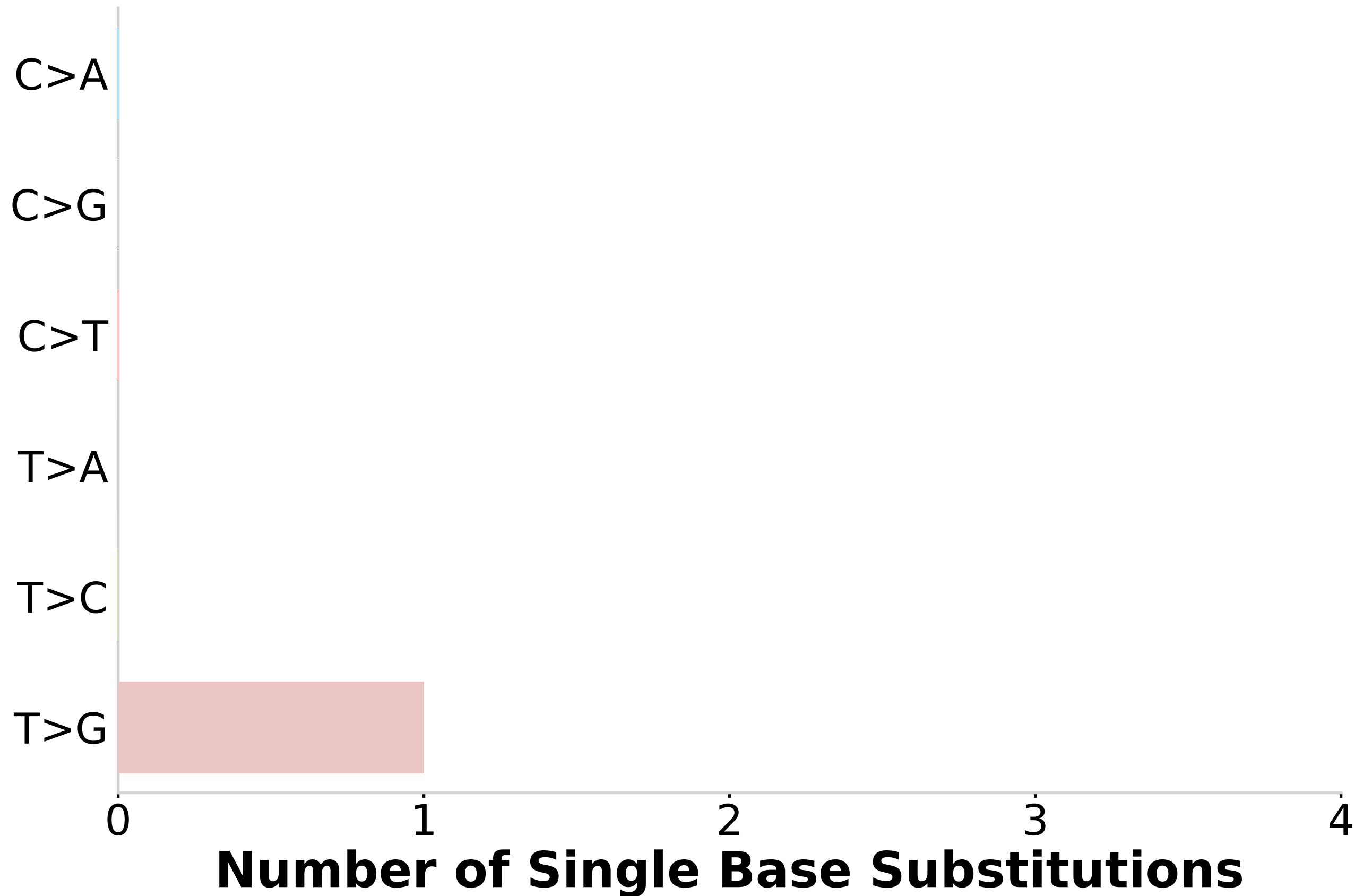
TCGA-BH-A1FU-01A-11D-A14G-09: 6 subs



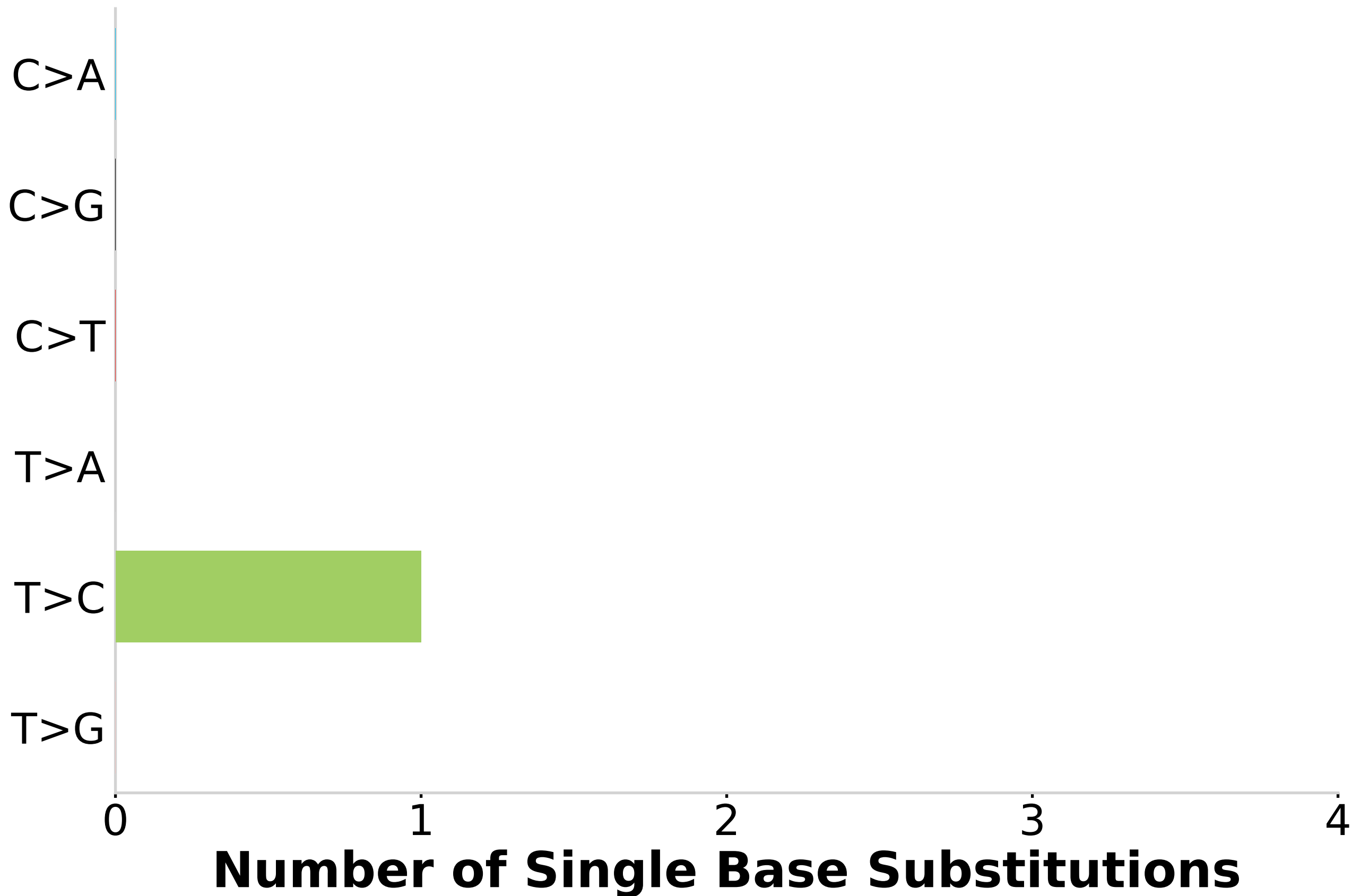
TCGA-BH-A203-01A-12D-A167-09: 3 subs



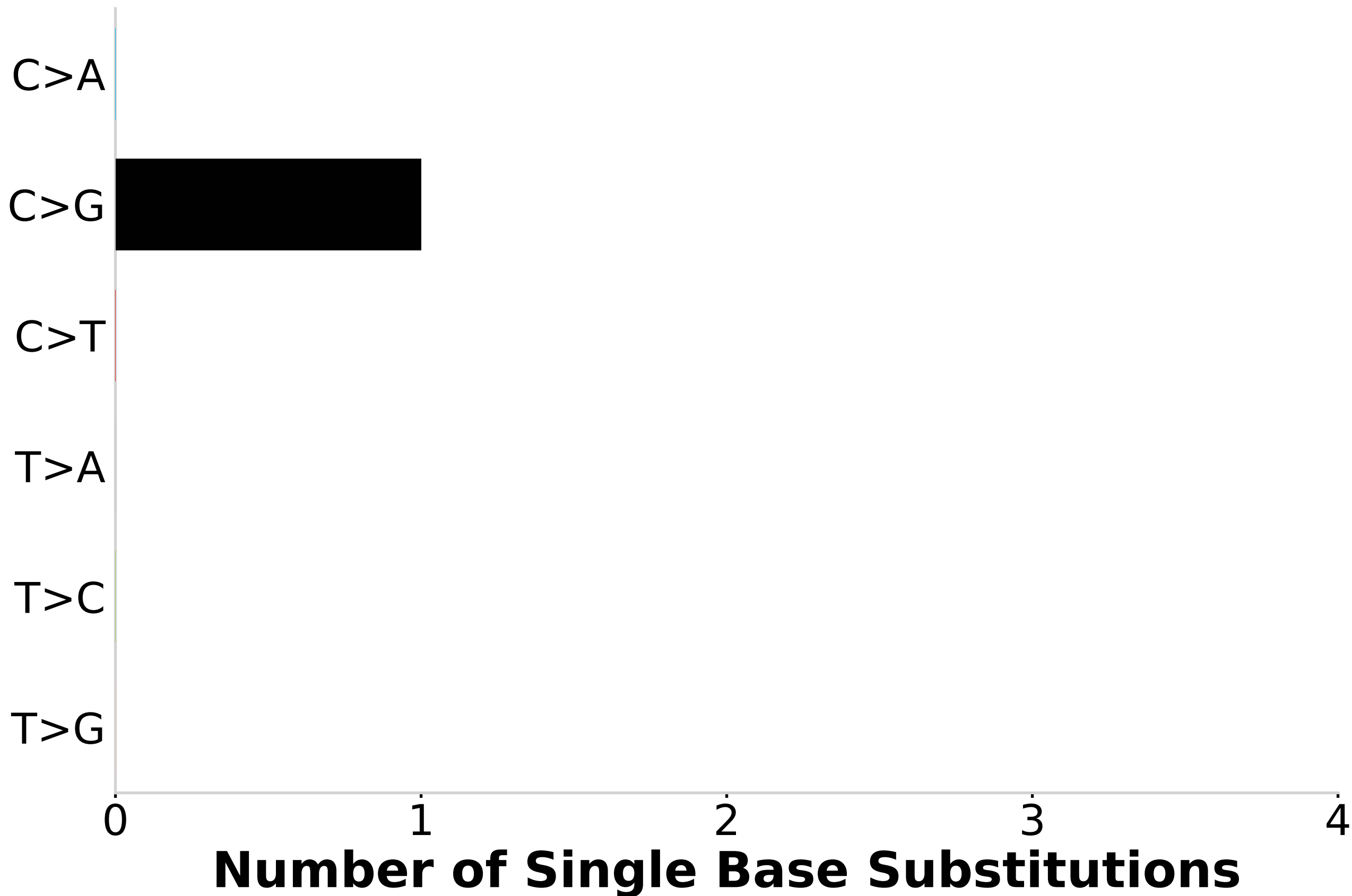
TCGA-BH-A204-01A-11D-A159-09: 1 subs



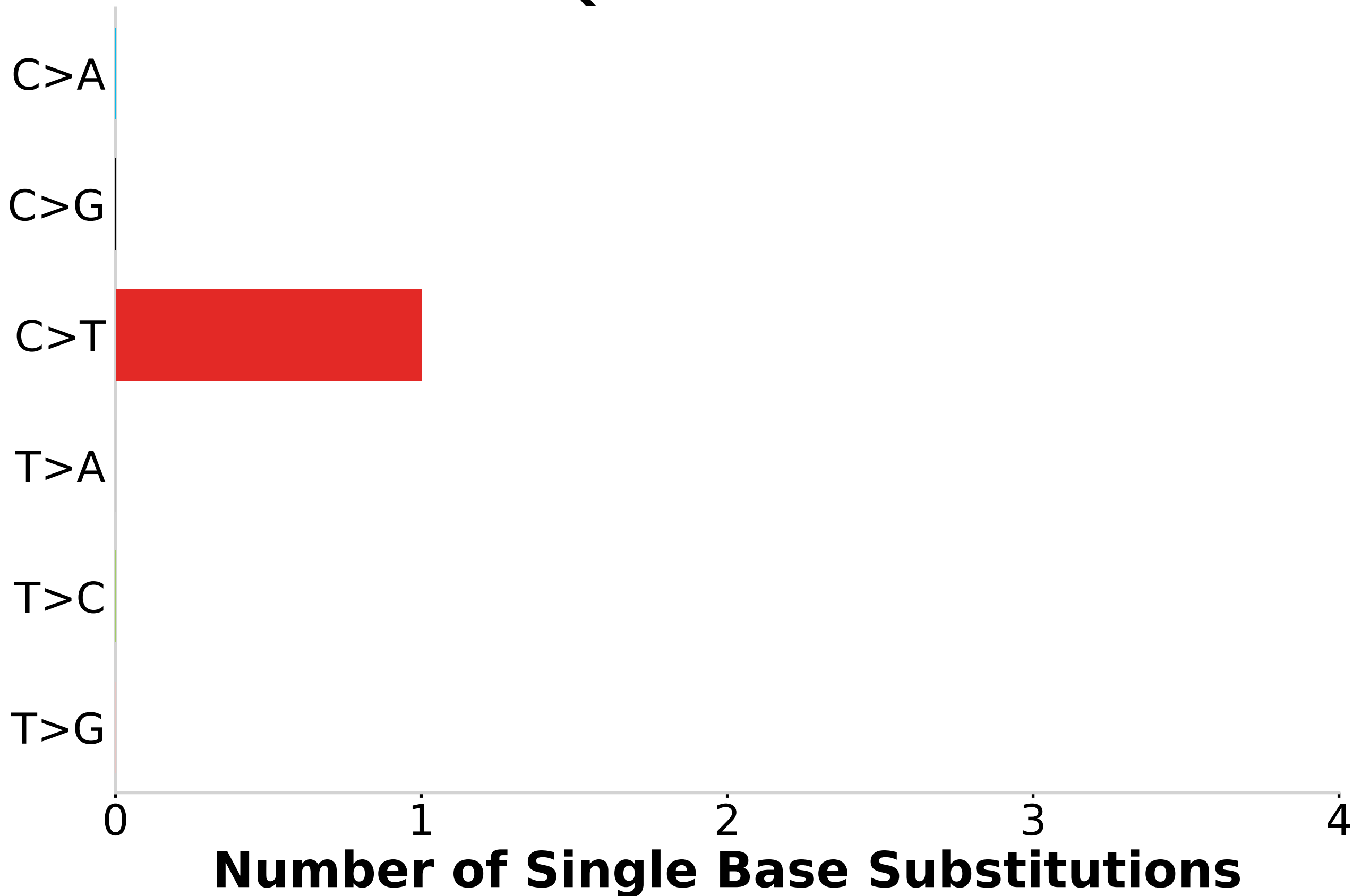
TCGA-BH-A208-01A-11D-A159-09: 1 subs



TCGA-BH-A209-01A-11D-A17G-09: 1 subs



TCGA-BH-A28Q-01A-11D-A16D-09: 1 subs



TCGA-BH-A2L8-01A-11D-A18P-09: 13 subs

C>A

C>G

C>T

T>A

T>C

T>G

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Number of Single Base Substitutions



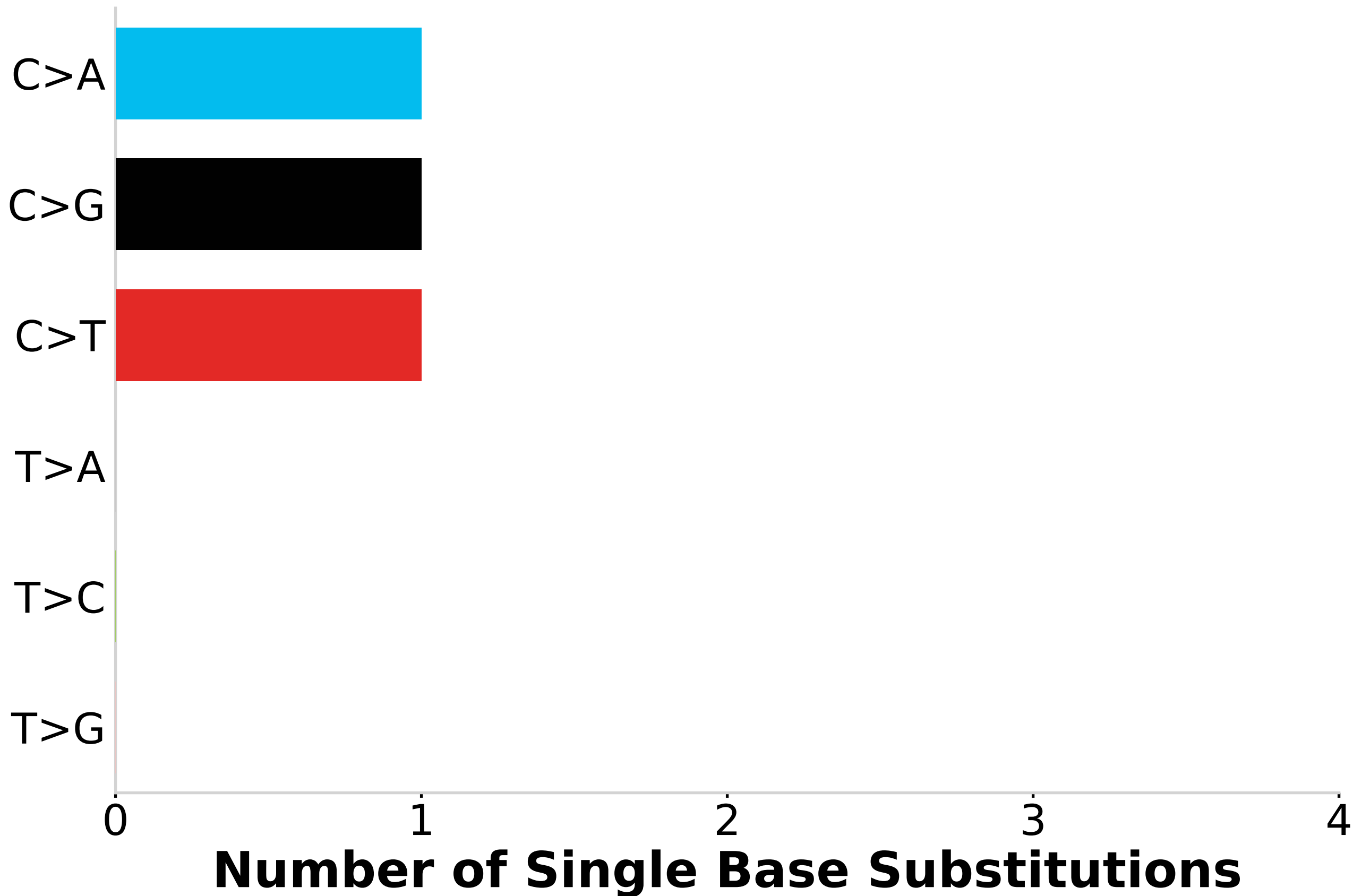
TCGA-BH-A42U-01A-12D-A243-09: 1 subs



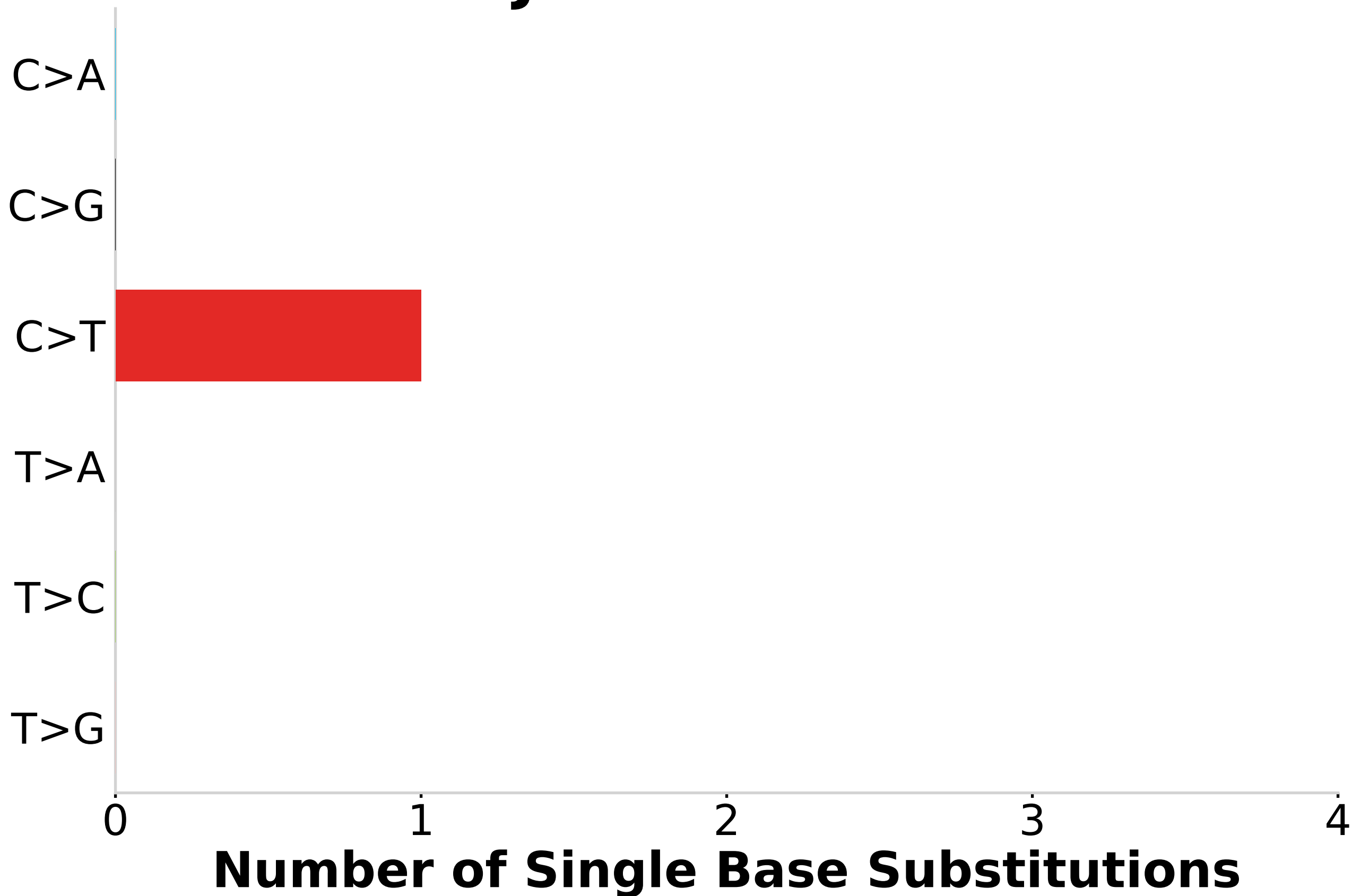
TCGA-BH-A42V-01A-11D-A243-09: 1 subs



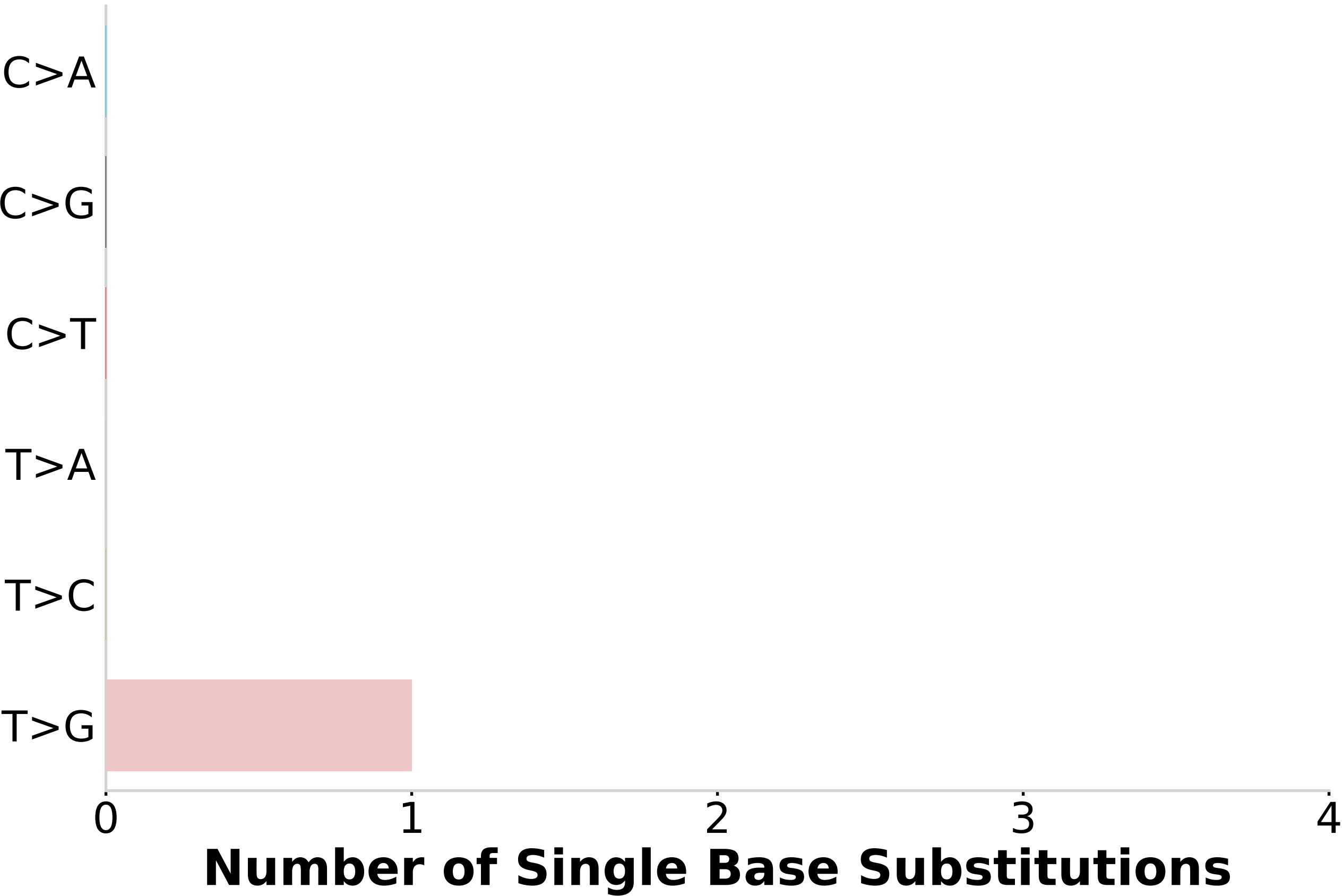
TCGA-BH-A5IZ-01A-11D-A27P-09: 3 subs



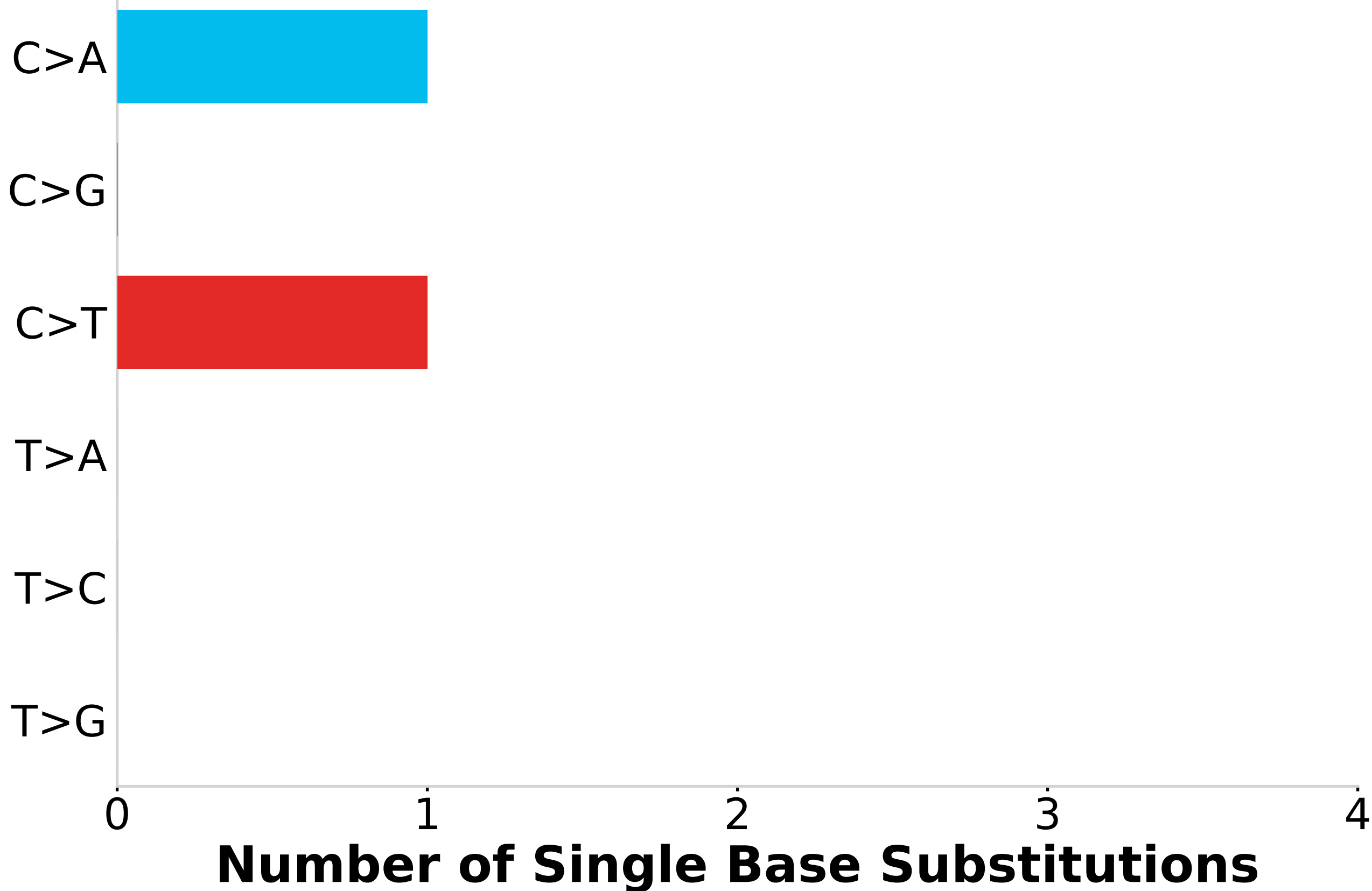
TCGA-BH-A5J0-01A-11D-A27P-09: 1 subs



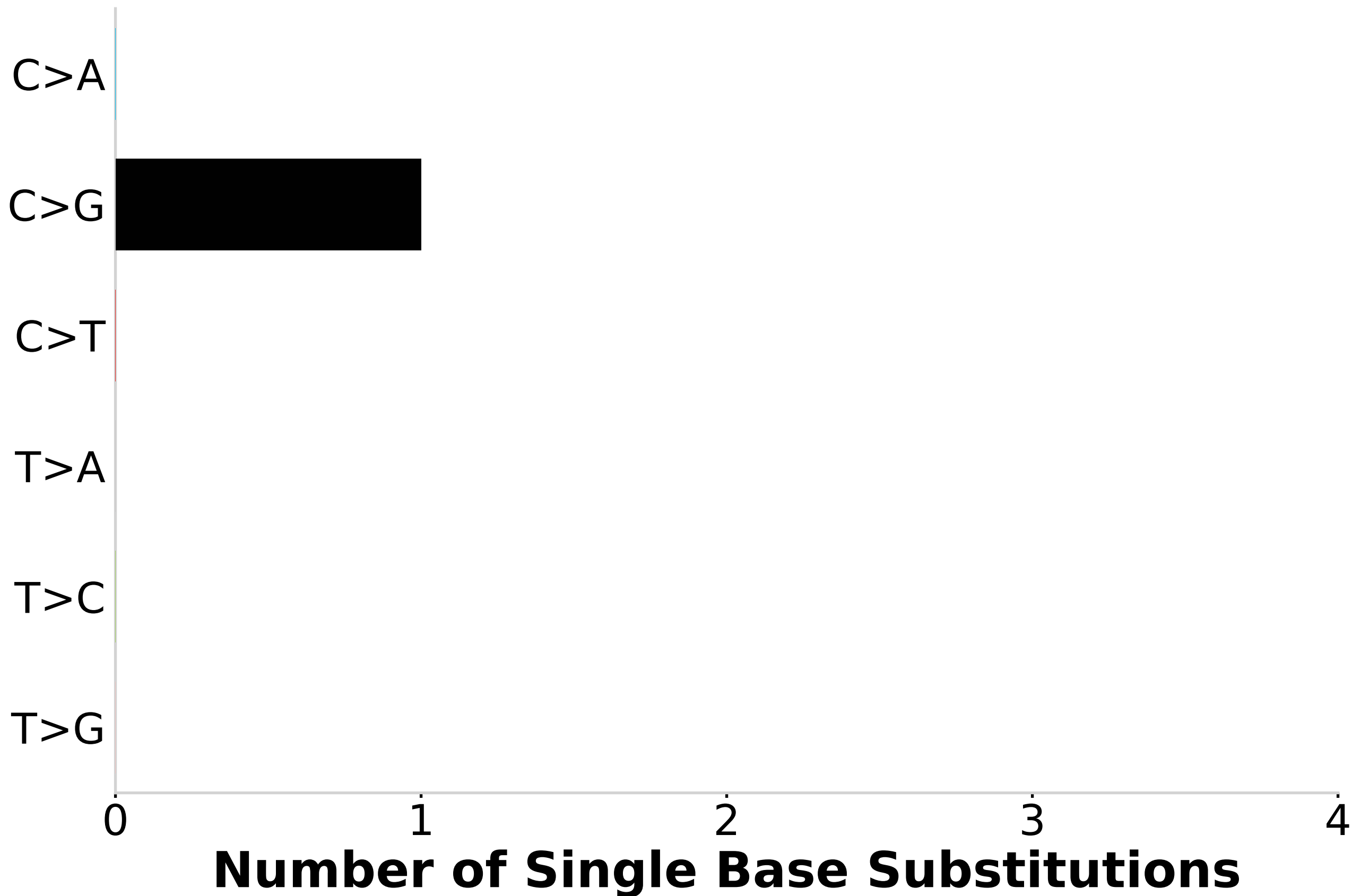
TCGA-BH-A6R9-01A-21D-A32I-09: 1 subs



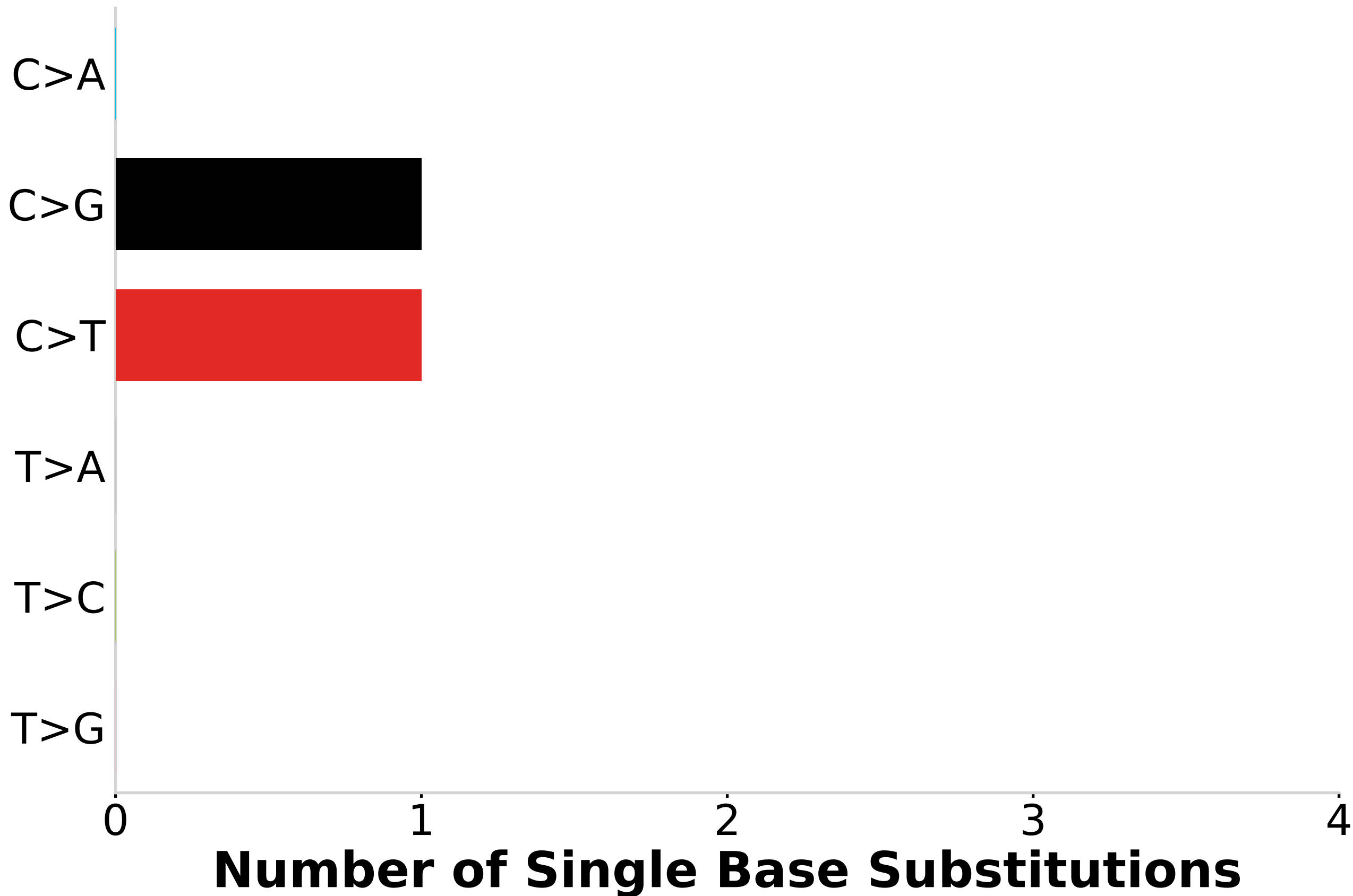
TCGA-BH-A8FY-01A-11D-A36J-09: 2 subs



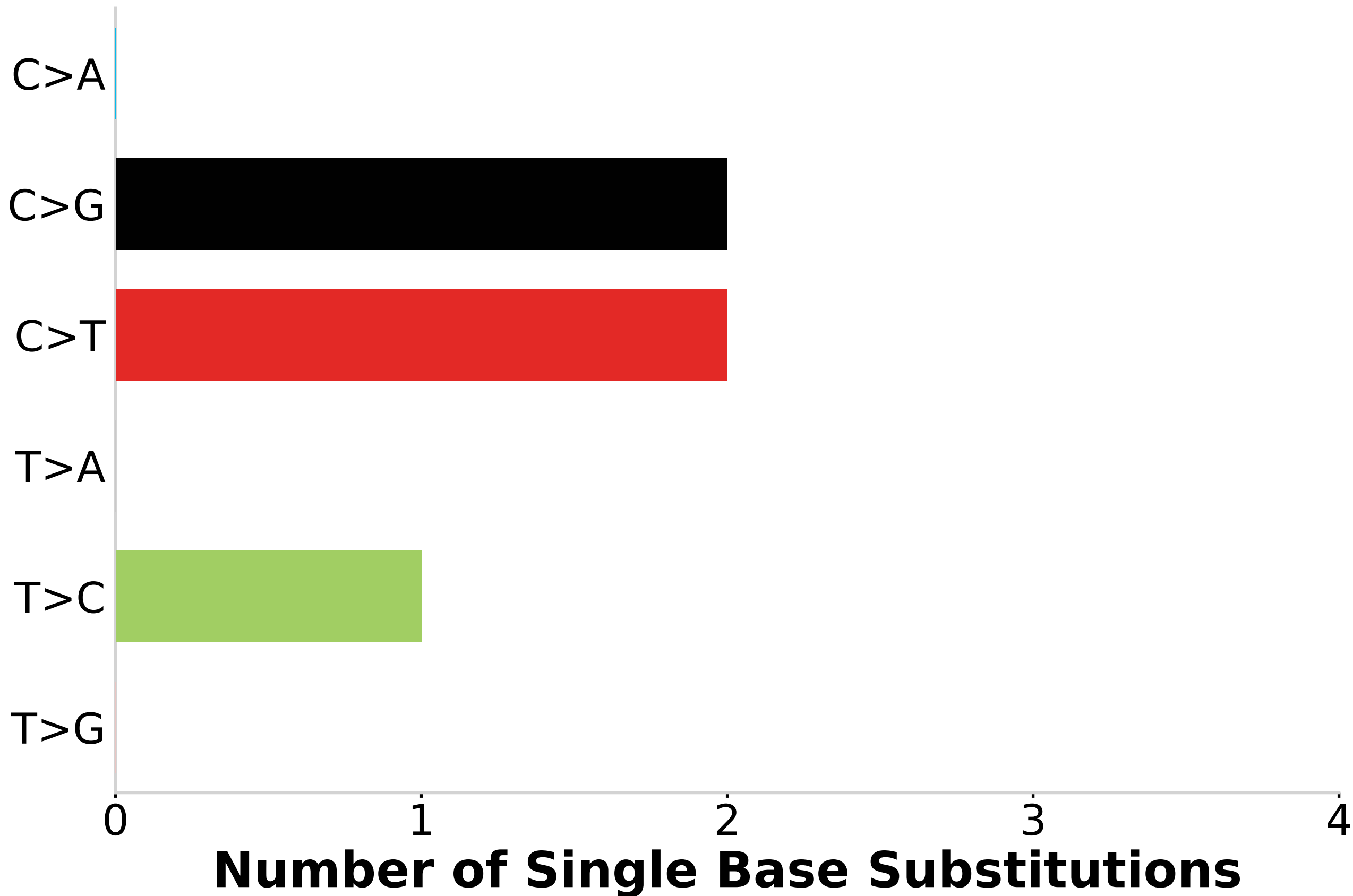
TCGA-BH-A8FZ-01A-11D-A351-09: 1 subs



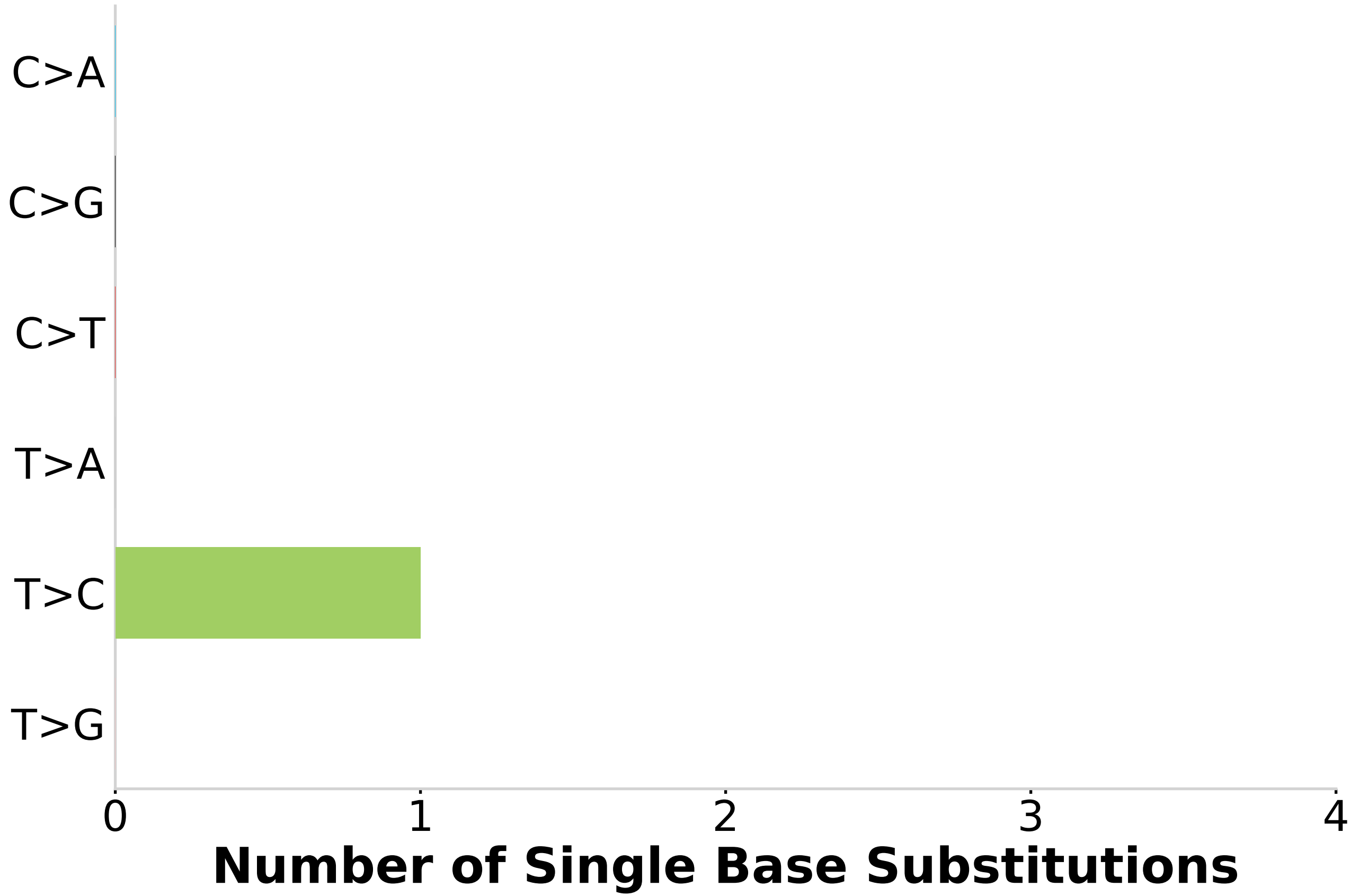
TCGA-BH-AB28-01A-31D-A41F-09: 2 subs



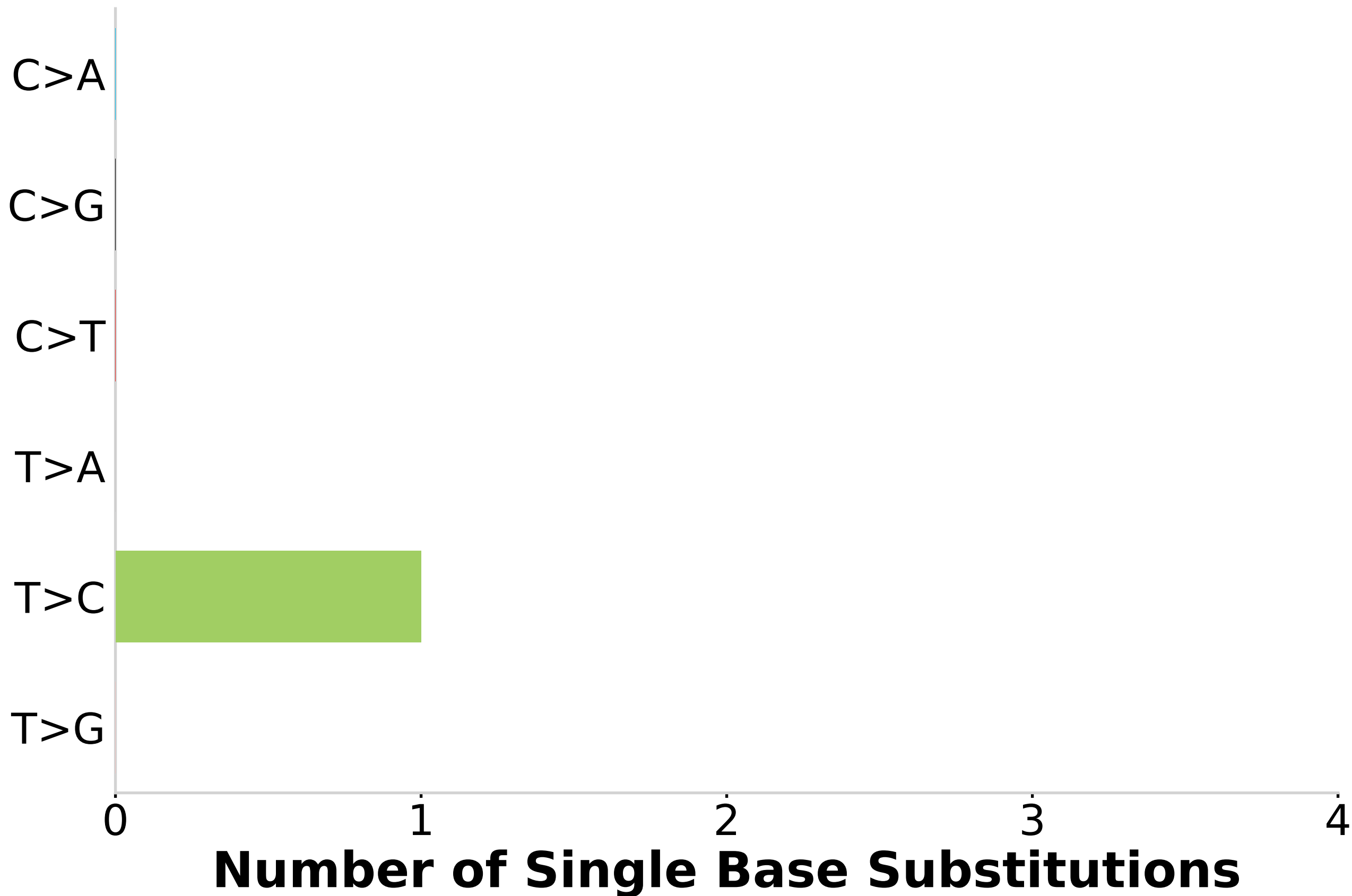
TCGA-C8-A12K-01A-21D-A10Y-09: 5 subs



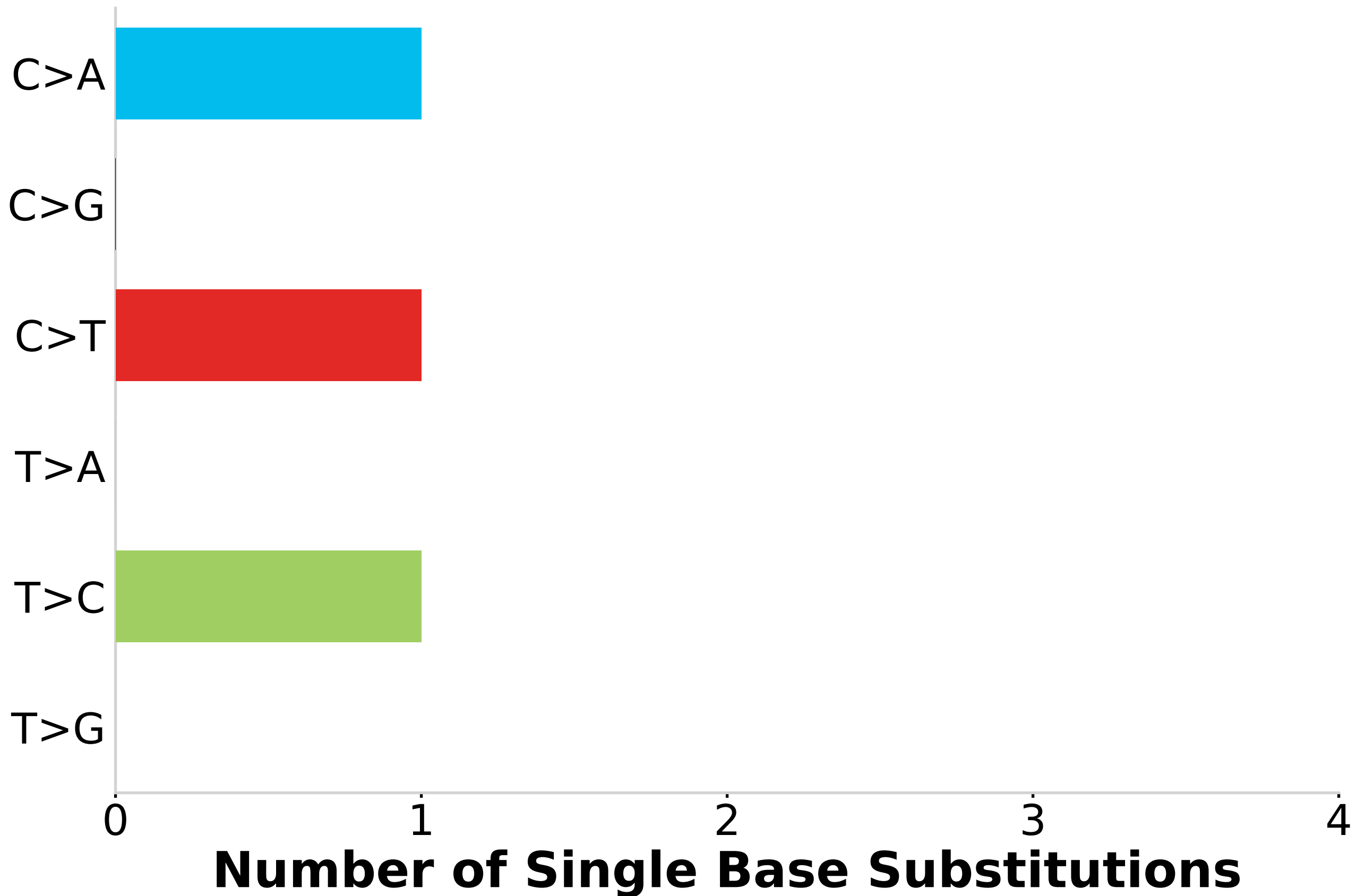
TCGA-C8-A12L-01A-11D-A10Y-09: 1 subs



TCGA-C8-A12M-01A-11D-A135-09: 1 subs



TCGA-C8-A12O-01A-11D-A10Y-09: 3 subs



TCGA-C8-A12P-01A-11D-A10Y-09: 9 subs

C>A

C>G

C>T

T>A

T>C

T>G

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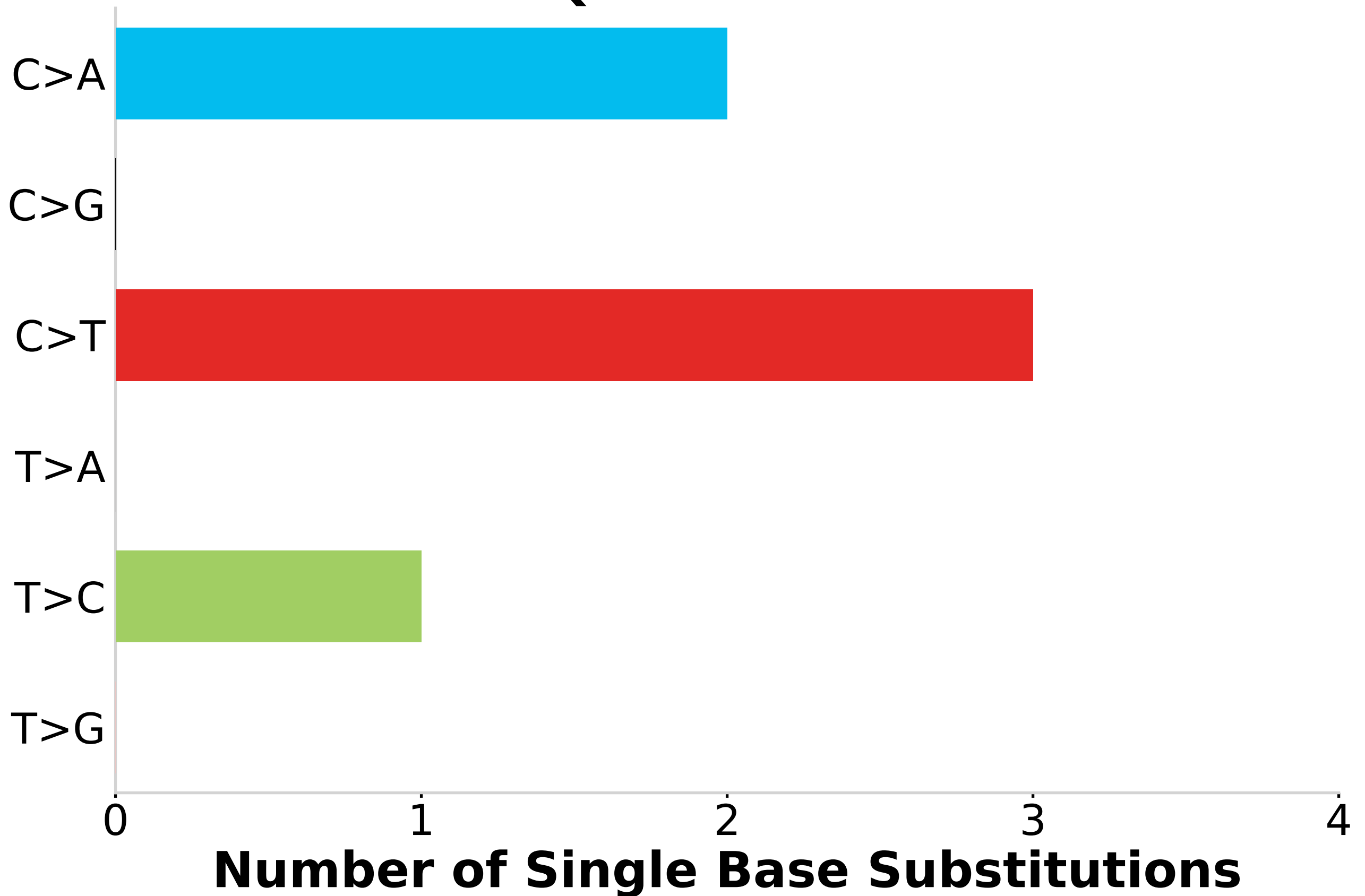
6

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Number of Single Base Substitutions



TCGA-C8-A12Q-01A-11D-A10Y-09: 6 subs



TCGA-C8-A12T-01A-11D-A10Y-09: 3 subs

C>A

C>G

C>T

T>A

T>C

T>G

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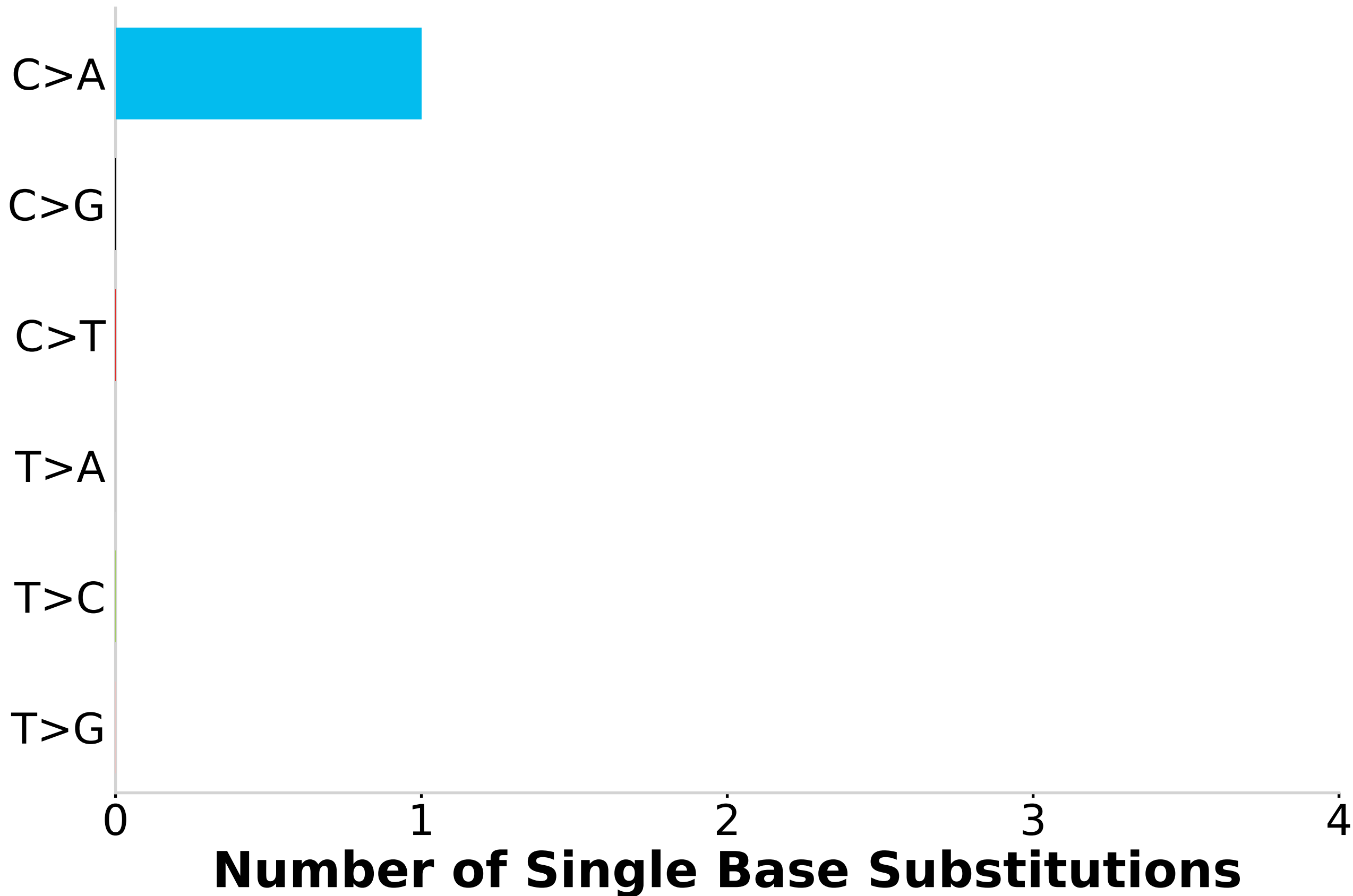
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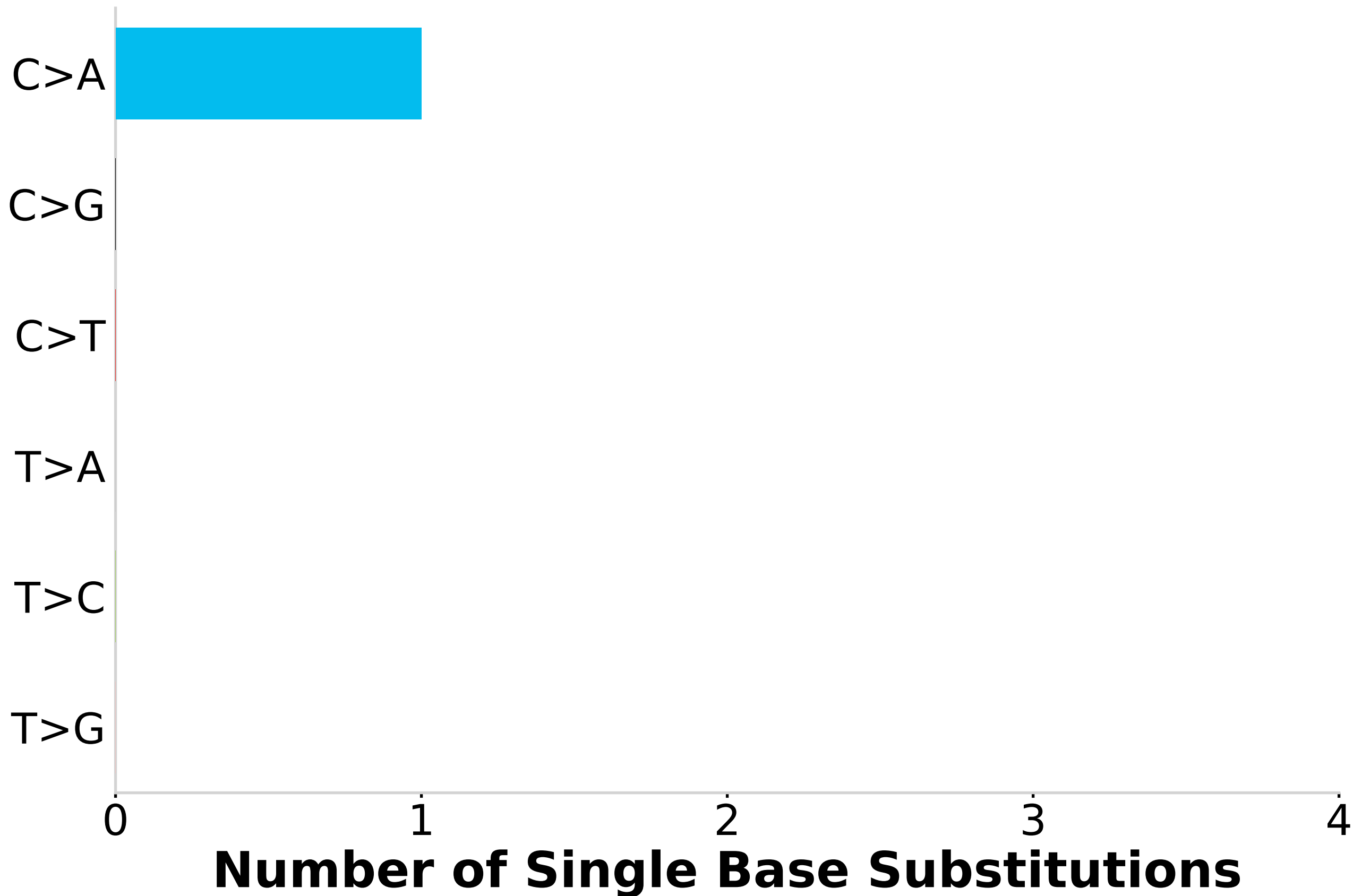
Number of Single Base Substitutions



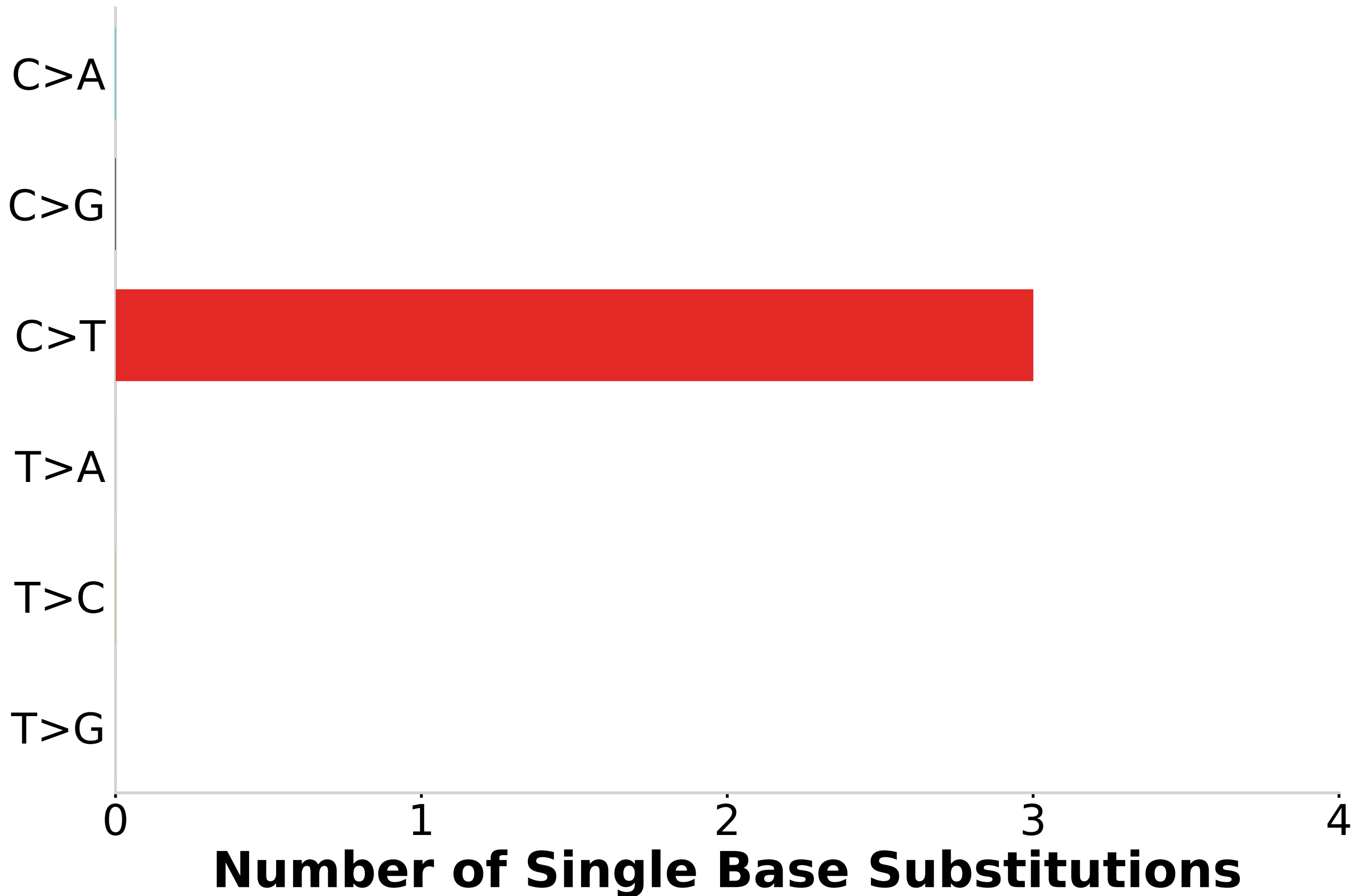
TCGA-C8-A12U-01A-11D-A10Y-09: 1 subs



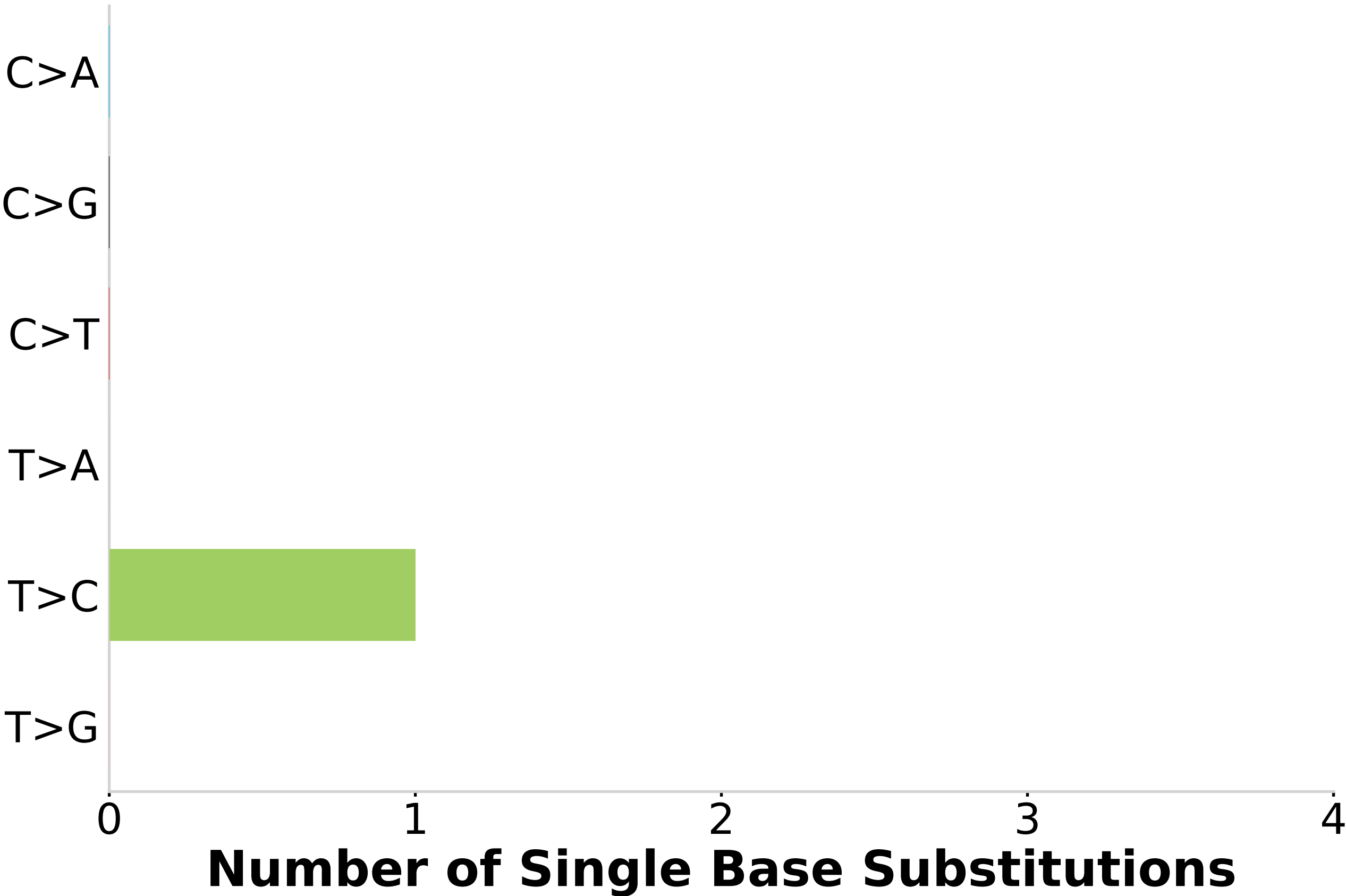
TCGA-C8-A12Y-01A-11D-A12B-09: 1 subs



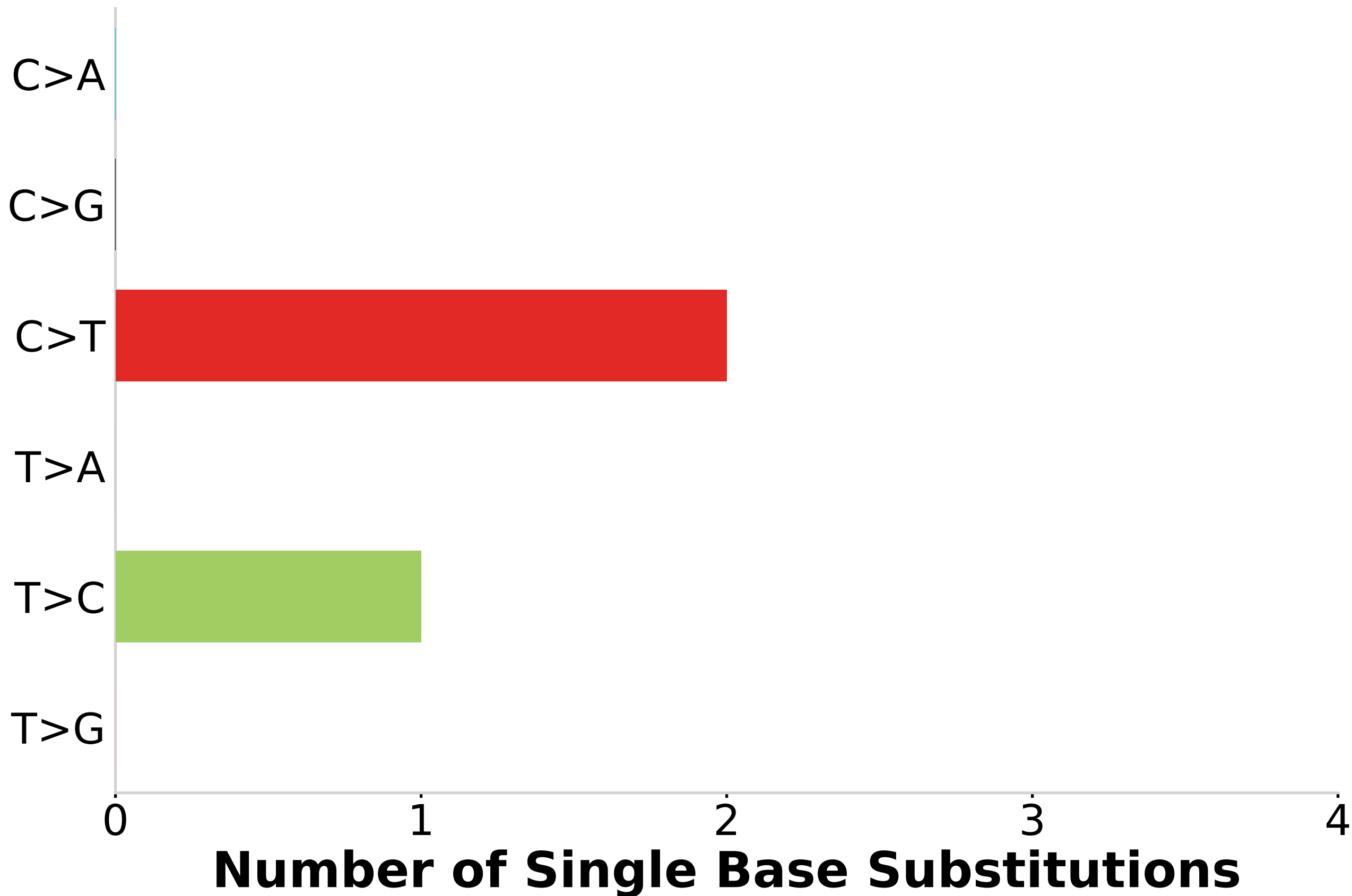
TCGA-C8-A12Z-01A-11D-A10Y-09: 3 subs



TCGA-C8-A130-01A-31D-A10Y-09: 1 subs



TCGA-C8-A131-01A-11D-A10Y-09: 3 subs



TCGA-C8-A132-01A-31D-A10Y-09: 1 subs

C>A

C>G

C>T

T>A

T>C

T>G

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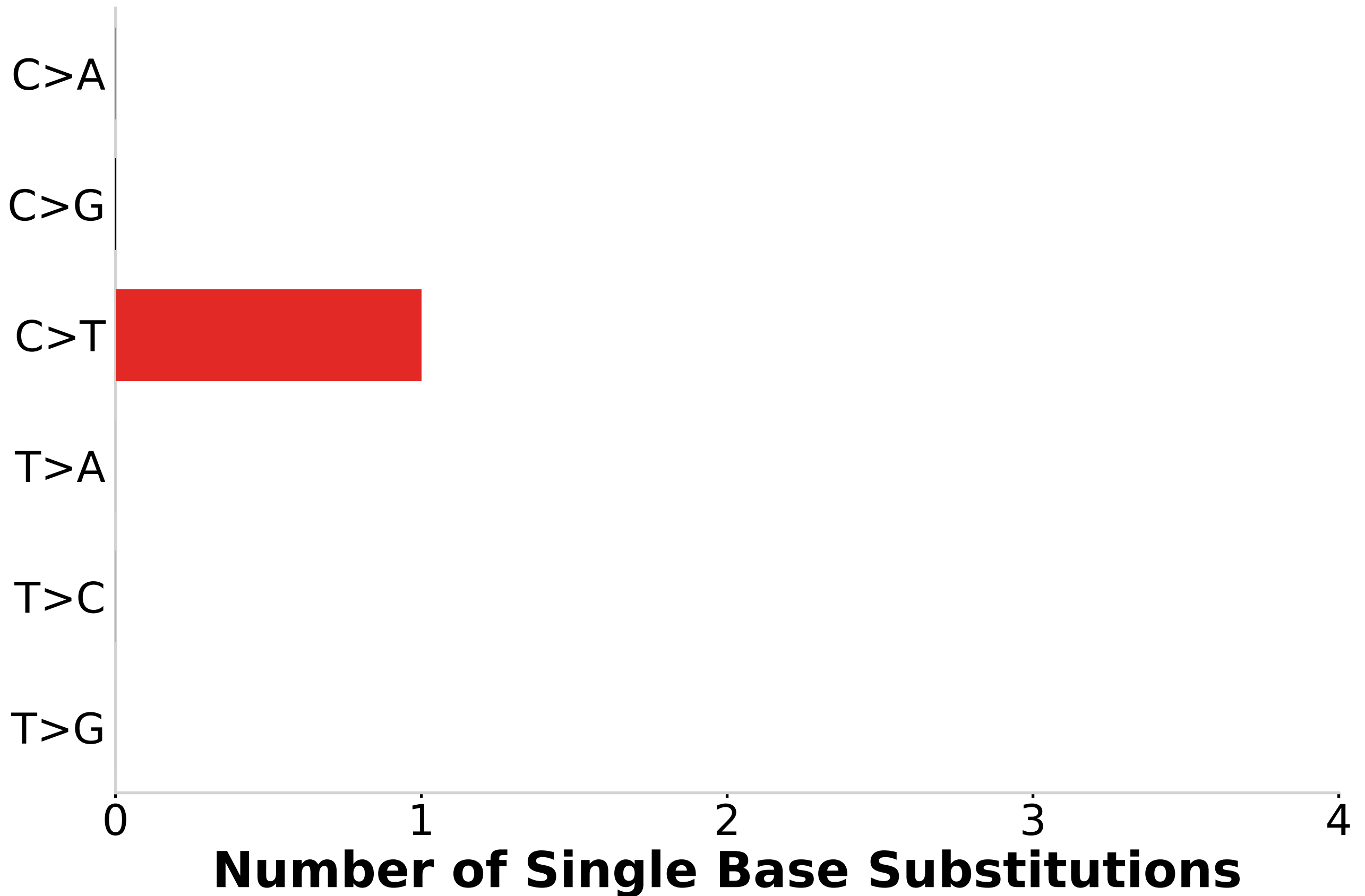
3

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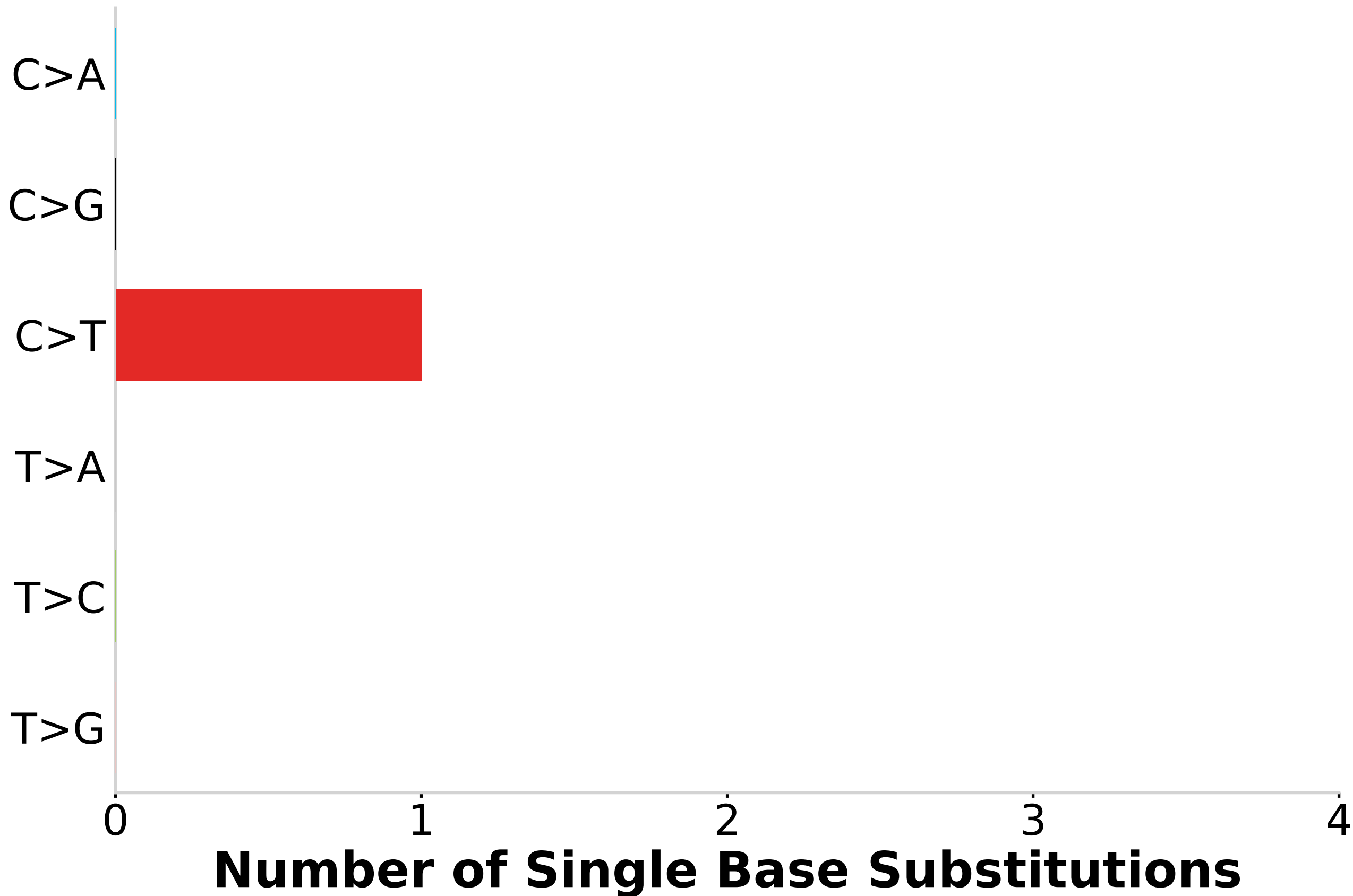
Number of Single Base Substitutions



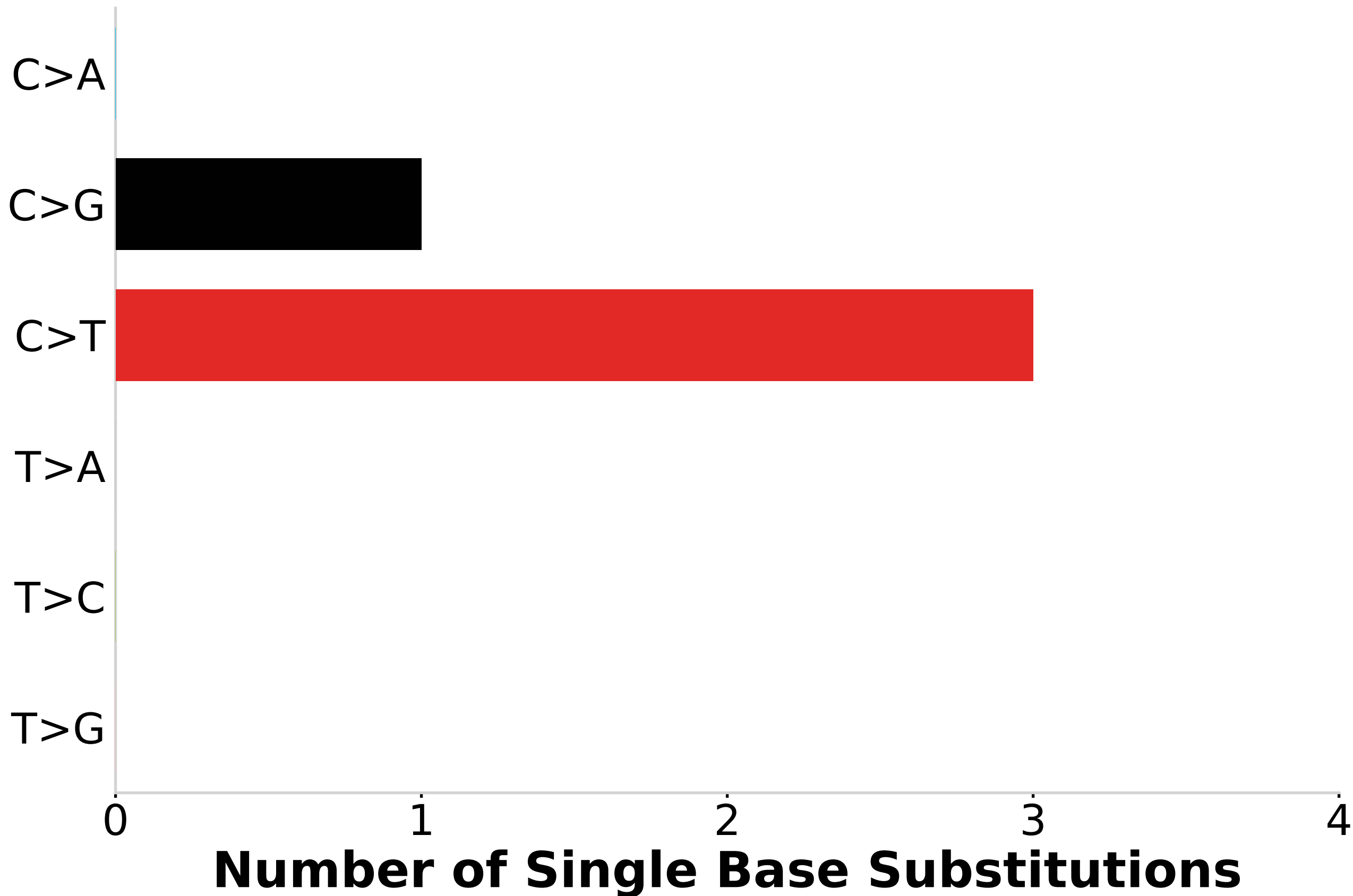
TCGA-C8-A133-01A-32D-A12B-09: 1 subs



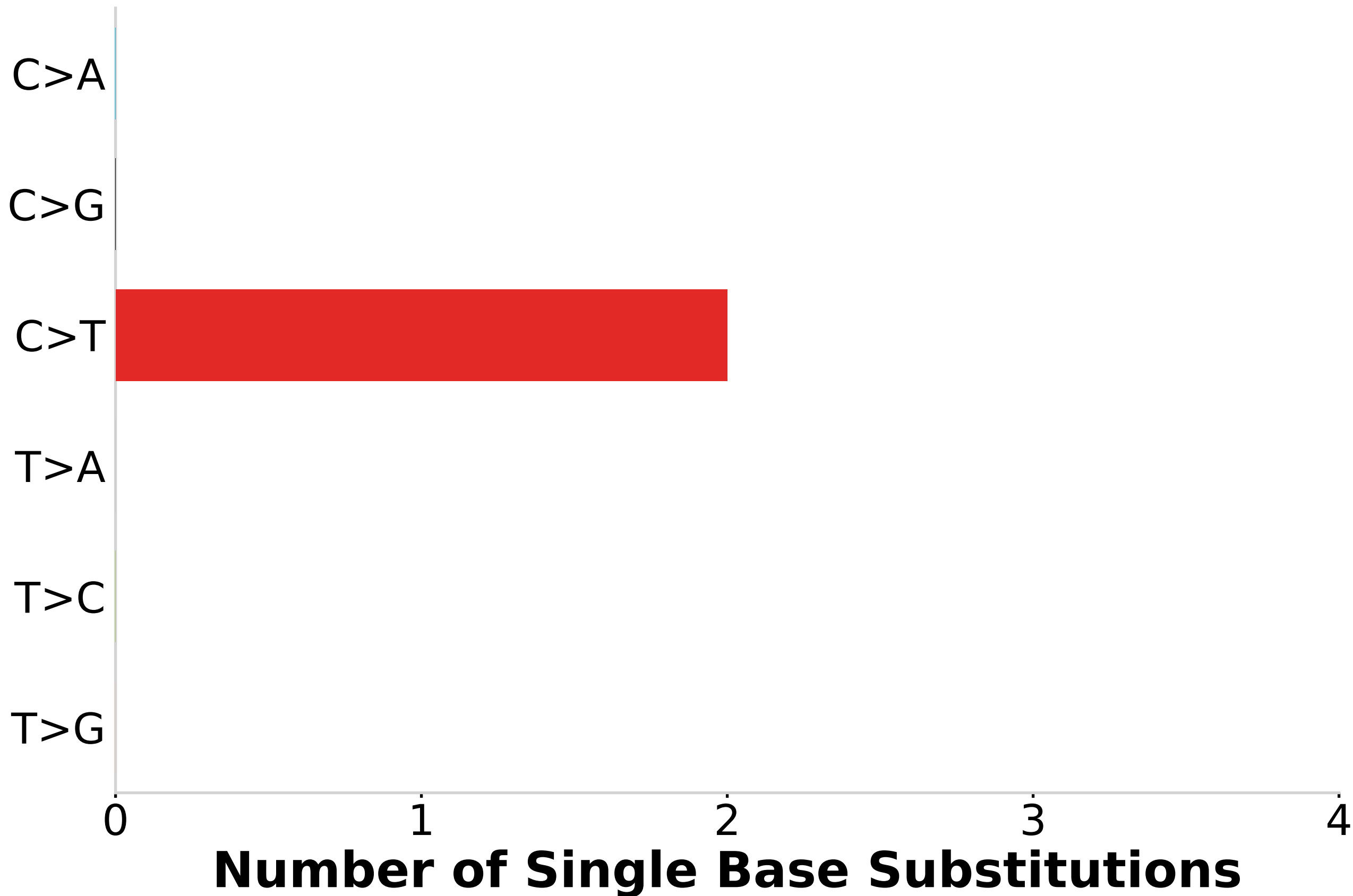
TCGA-C8-A135-01A-11D-A10Y-09: 1 subs



TCGA-C8-A137-01A-11D-A10Y-09: 4 subs



TCGA-C8-A138-01A-11D-A10Y-09: 2 subs



TCGA-C8-A1HE-01A-11D-A188-09: 3 subs

C>A

C>G

C>T

T>A

T>C

T>G

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Number of Single Base Substitutions



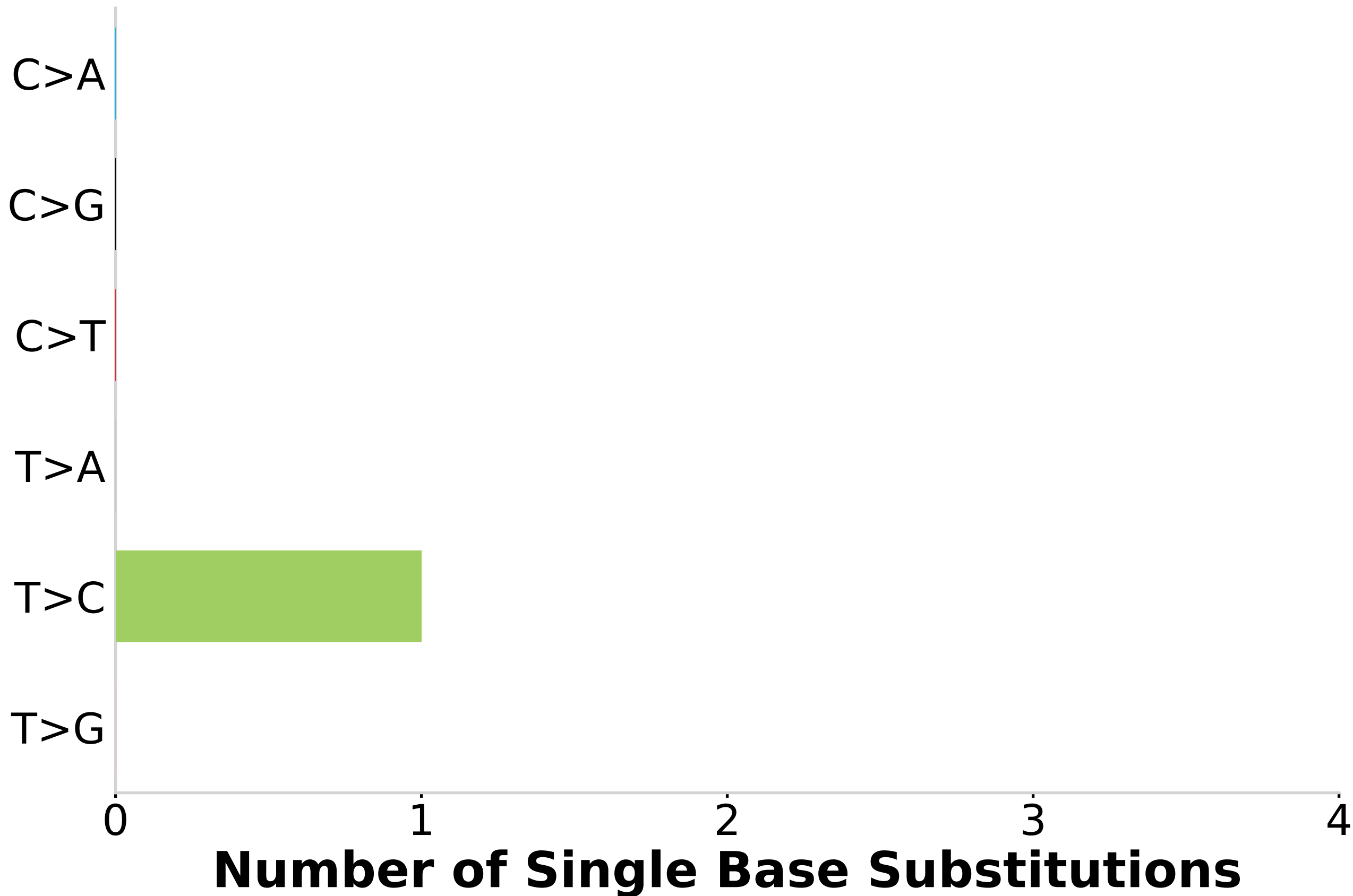
TCGA-C8-A1HF-01A-11D-A135-09: 1 subs



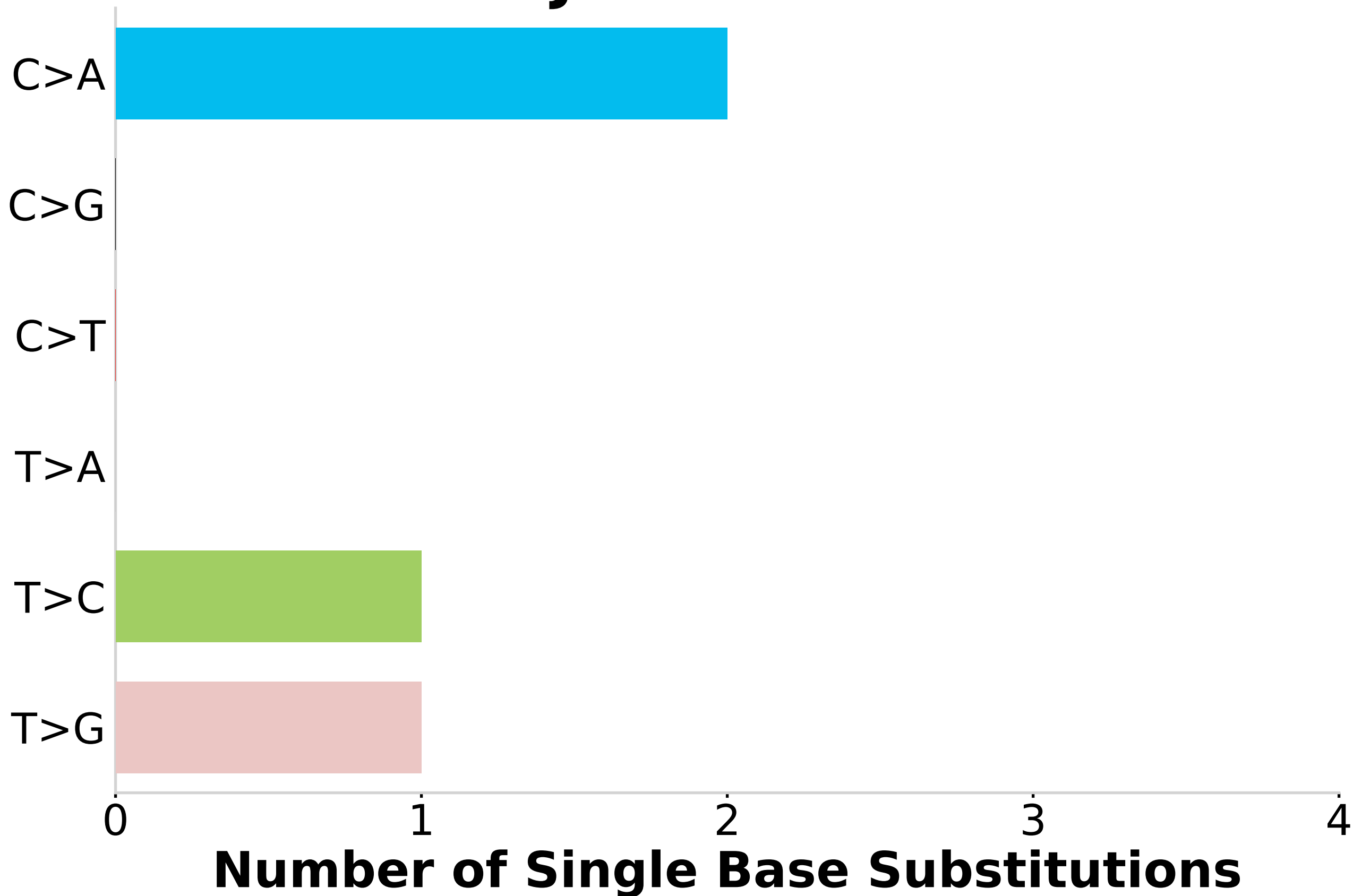
TCGA-C8-A1HG-01A-11D-A135-09: 1 subs



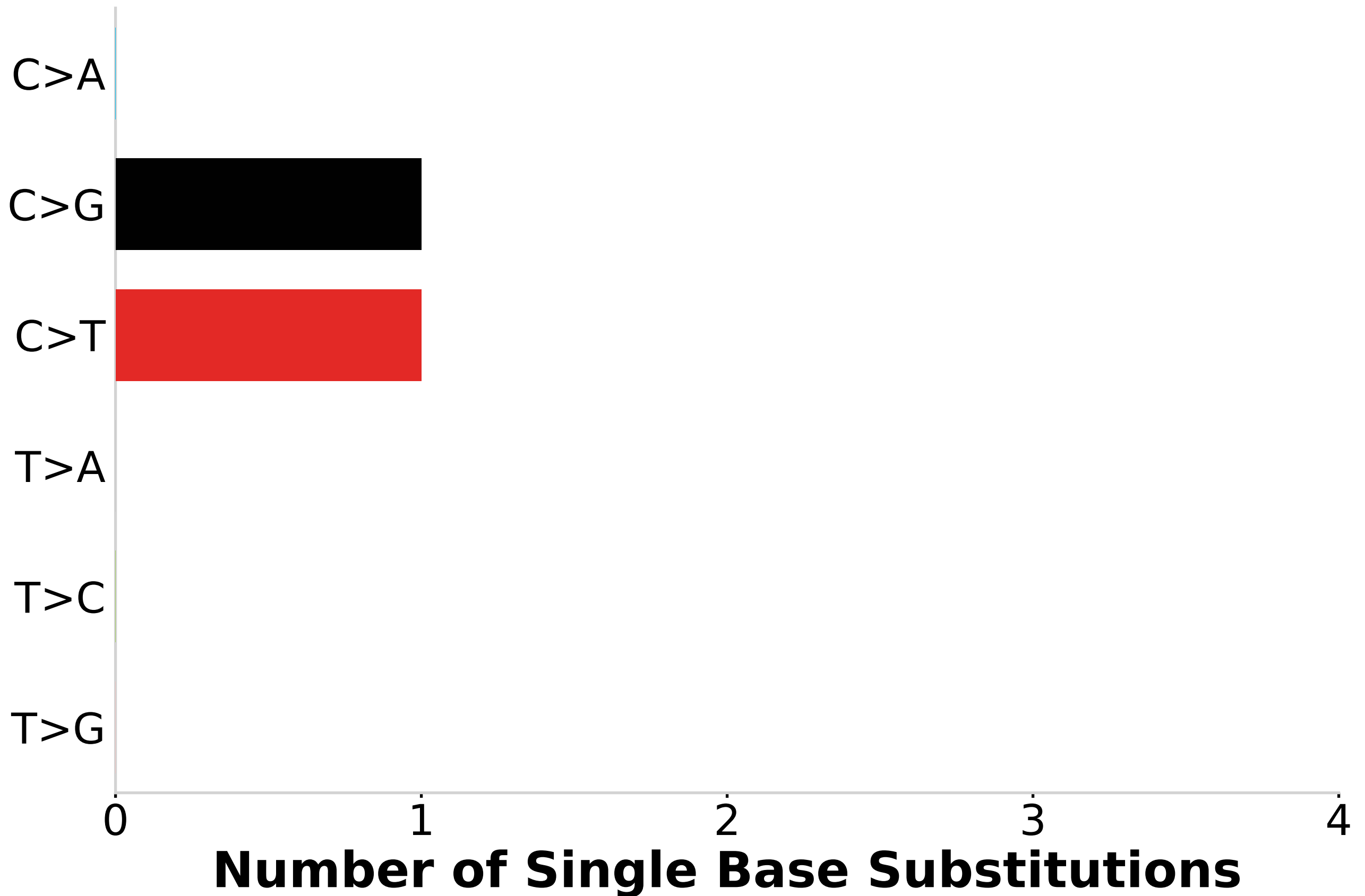
TCGA-C8-A1HI-01A-11D-A135-09: 1 subs



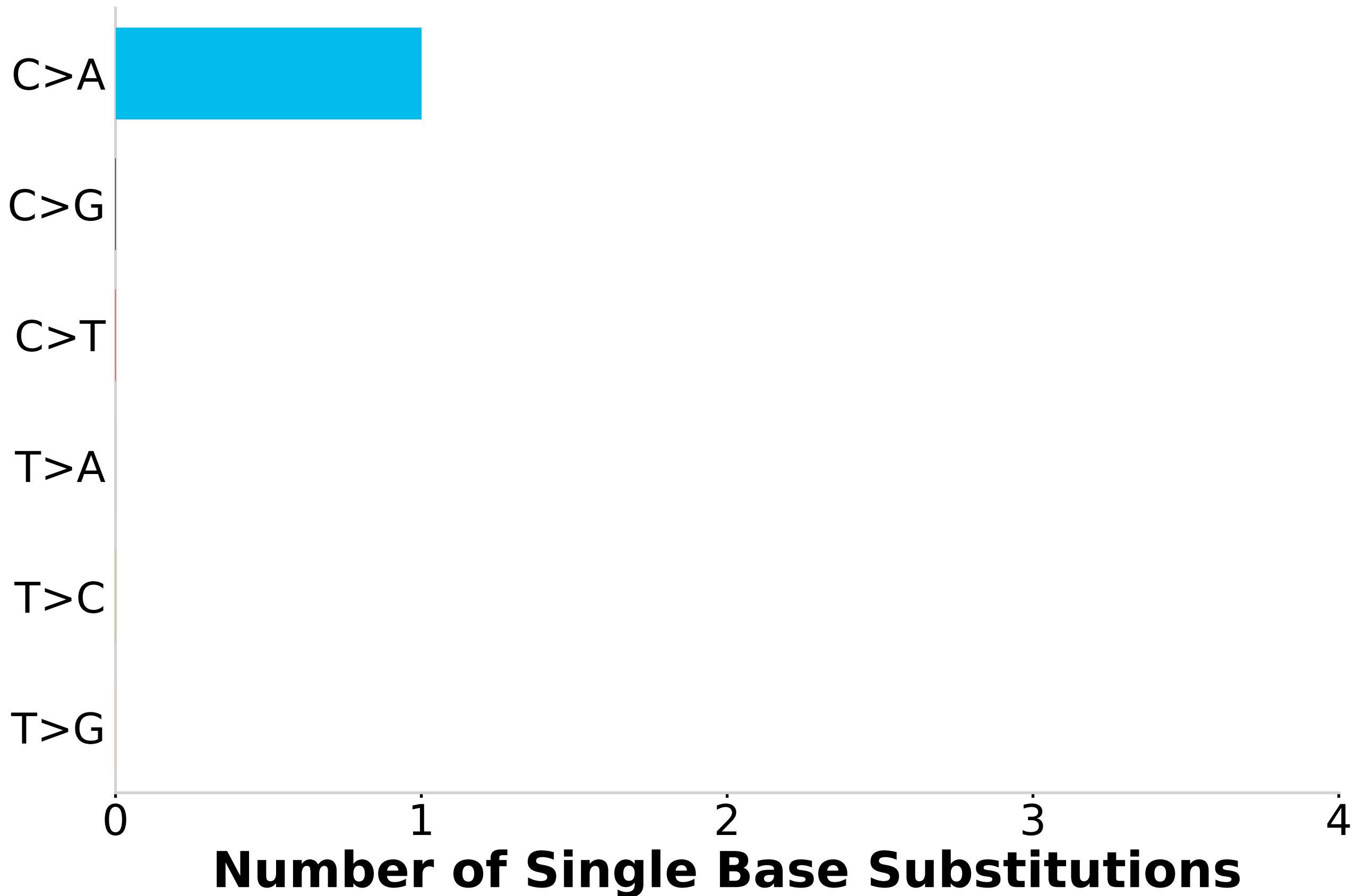
TCGA-C8-A1HJ-01A-11D-A13L-09: 4 subs



TCGA-C8-A1HK-01A-21D-A13L-09: 2 subs



TCGA-C8-A1HL-01A-11D-A135-09: 1 subs



TCGA-C8-A1HM-01A-12D-A135-09: 13 subs

C>A

C>G

C>T

T>A

T>C

T>G

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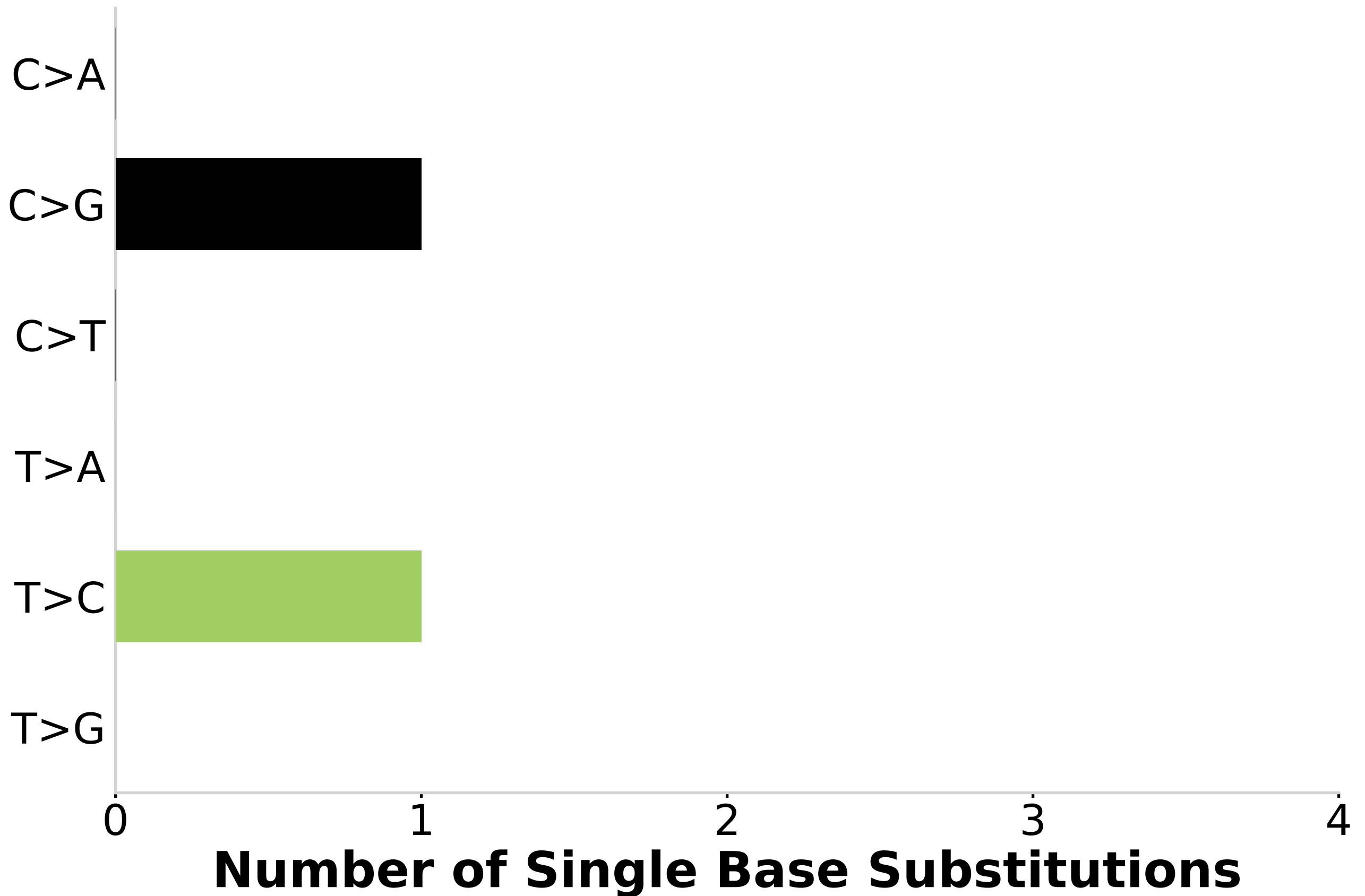
Number of Single Base Substitutions



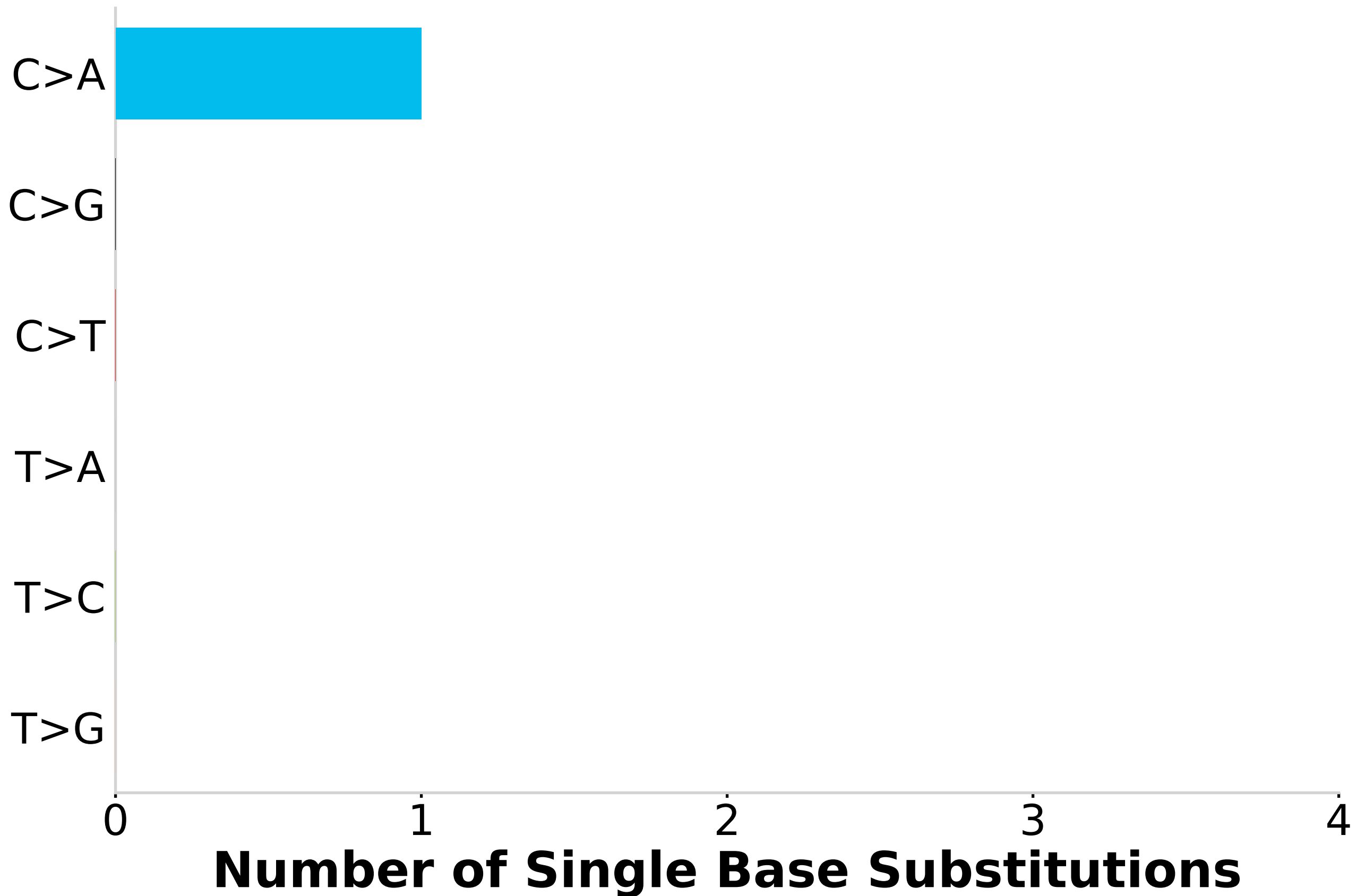
TCGA-C8-A1HN-01A-11D-A135-09: 1 subs



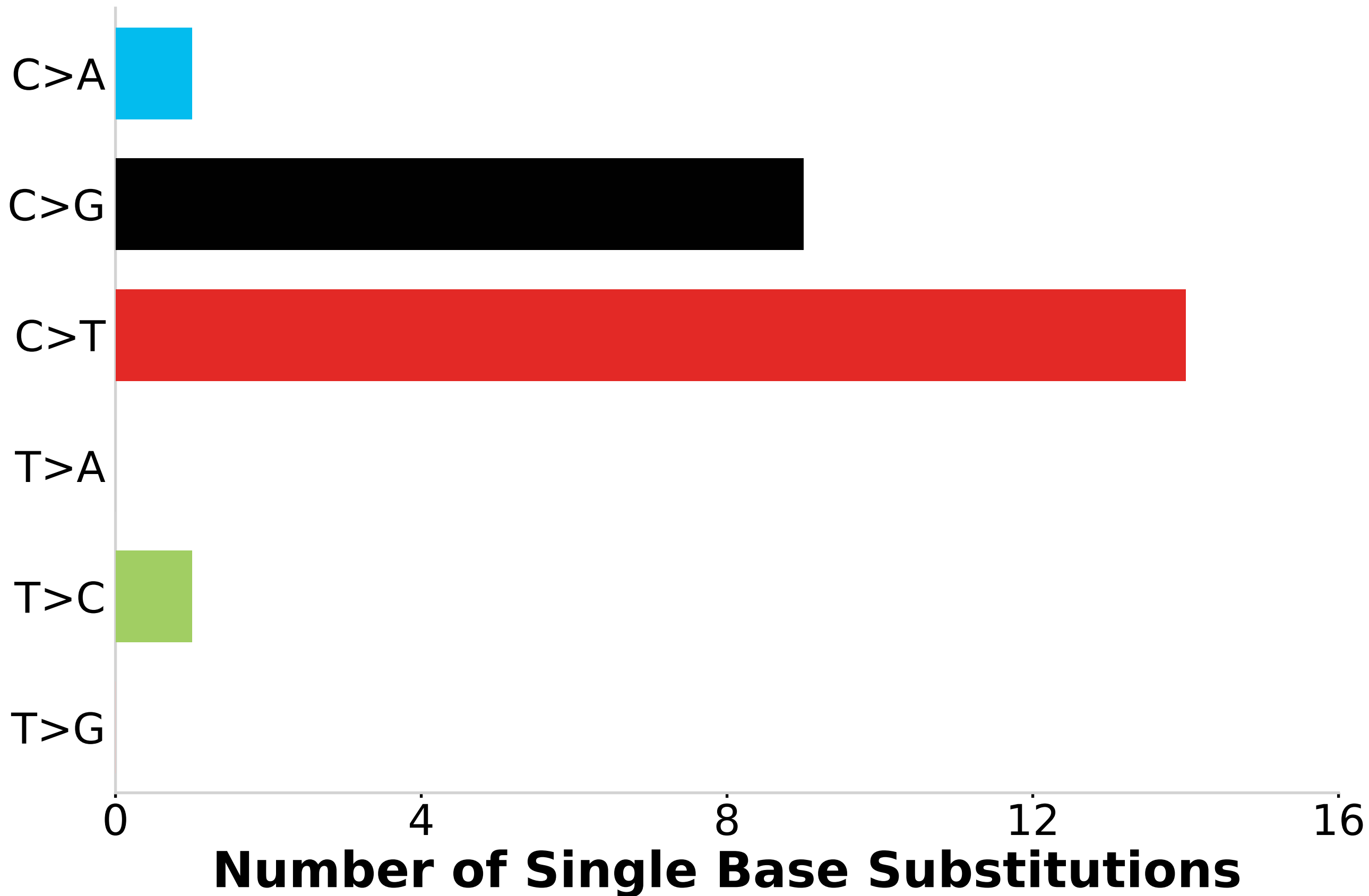
TCGA-C8-A26V-01A-11D-A16D-09: 2 subs



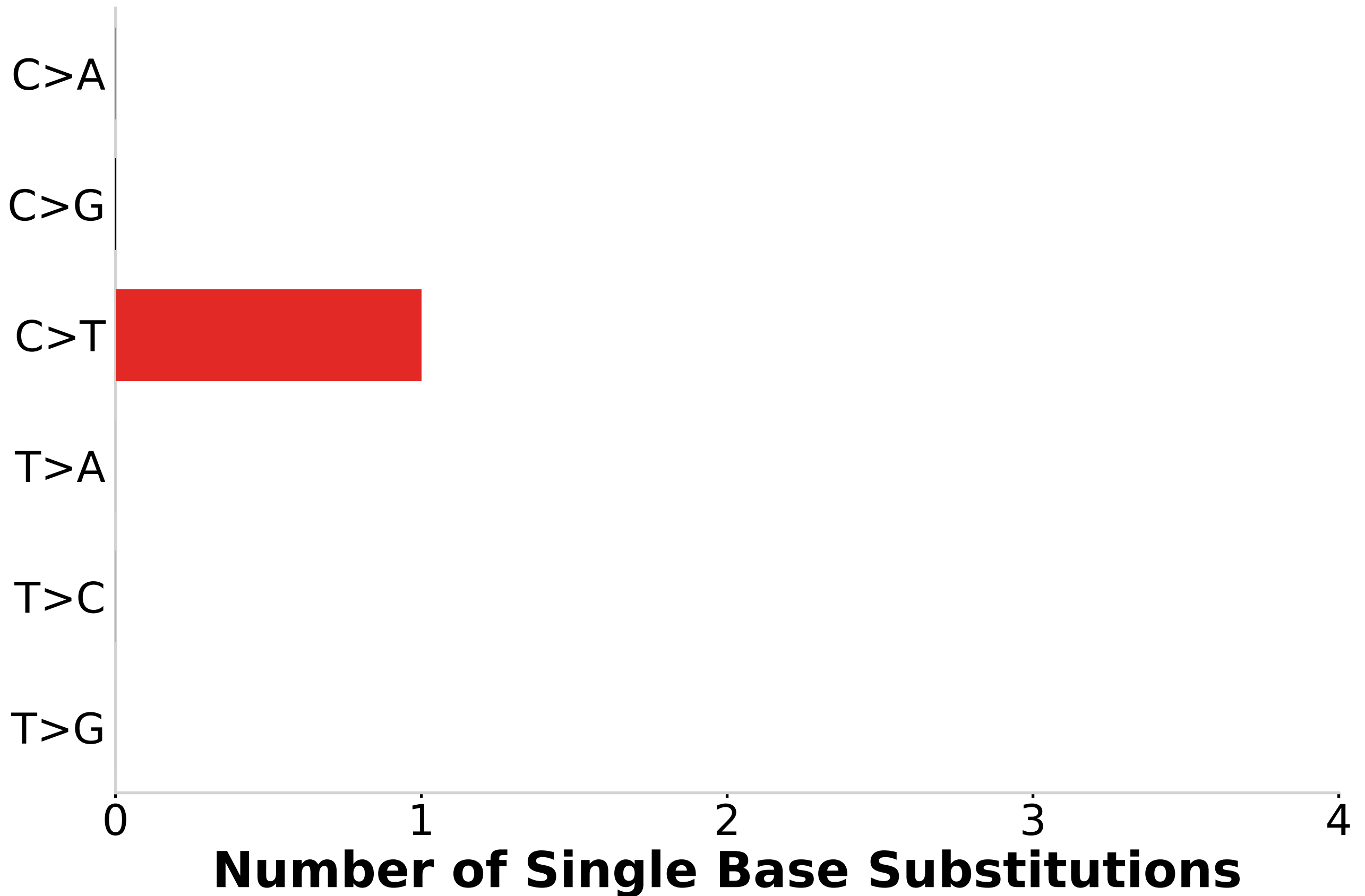
TCGA-C8-A26X-01A-31D-A16D-09: 1 subs



TCGA-C8-A26Y-01A-11D-A16D-09: 25 subs



TCGA-C8-A273-01A-11D-A16D-09: 1 subs



TCGA-C8-A274-01A-11D-A16D-09: 7 subs

C>A

C>G

C>T

T>A

T>C

T>G

0

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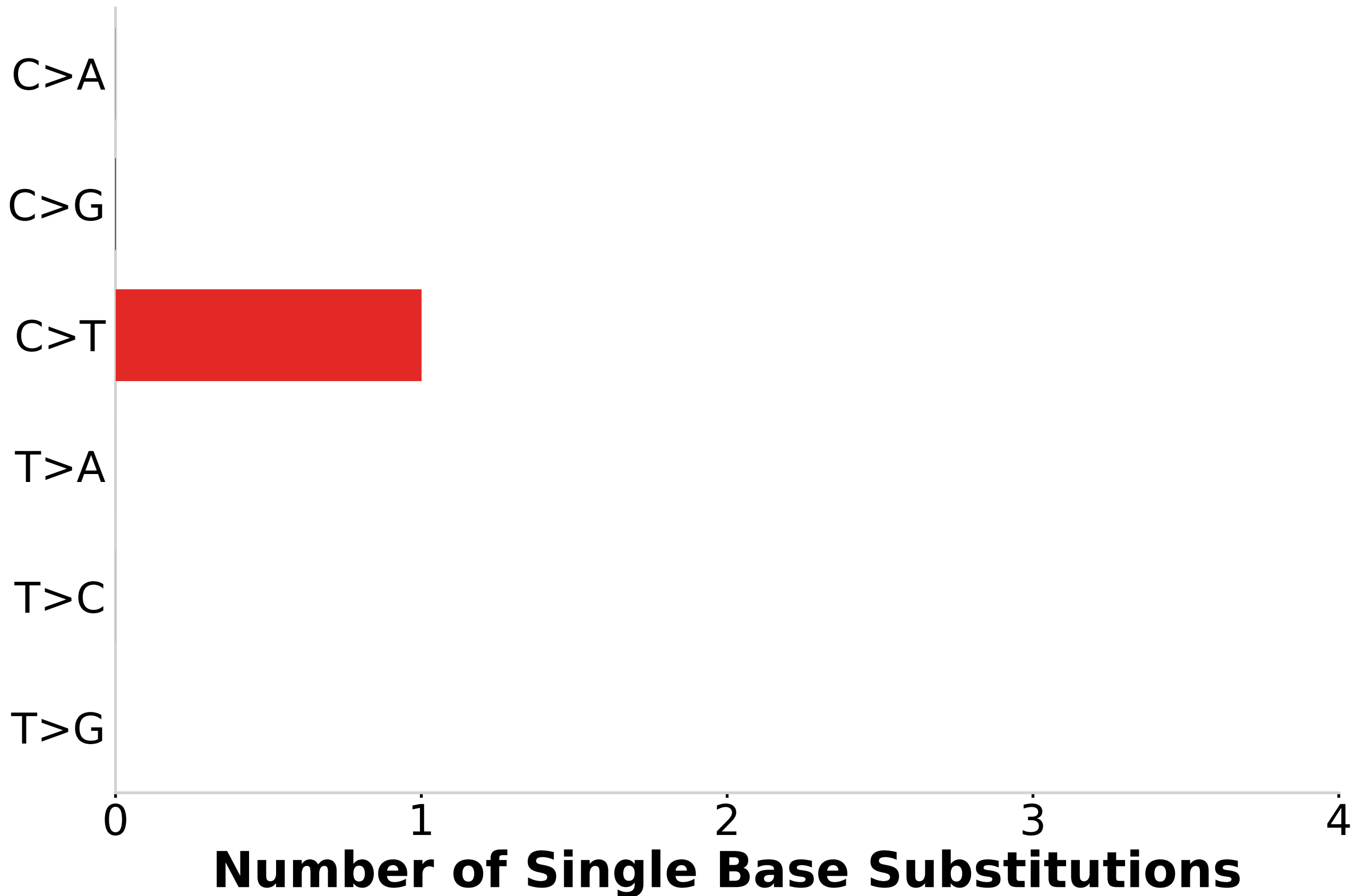
3

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Number of Single Base Substitutions



TCGA-C8-A275-01A-21D-A16D-09: 1 subs



TCGA-C8-A278-01A-11D-A167-09: 1 subs



TCGA-C8-A27B-01A-11D-A167-09: 2 subs

C>A

C>G

C>T

T>A

T>C

T>G

0

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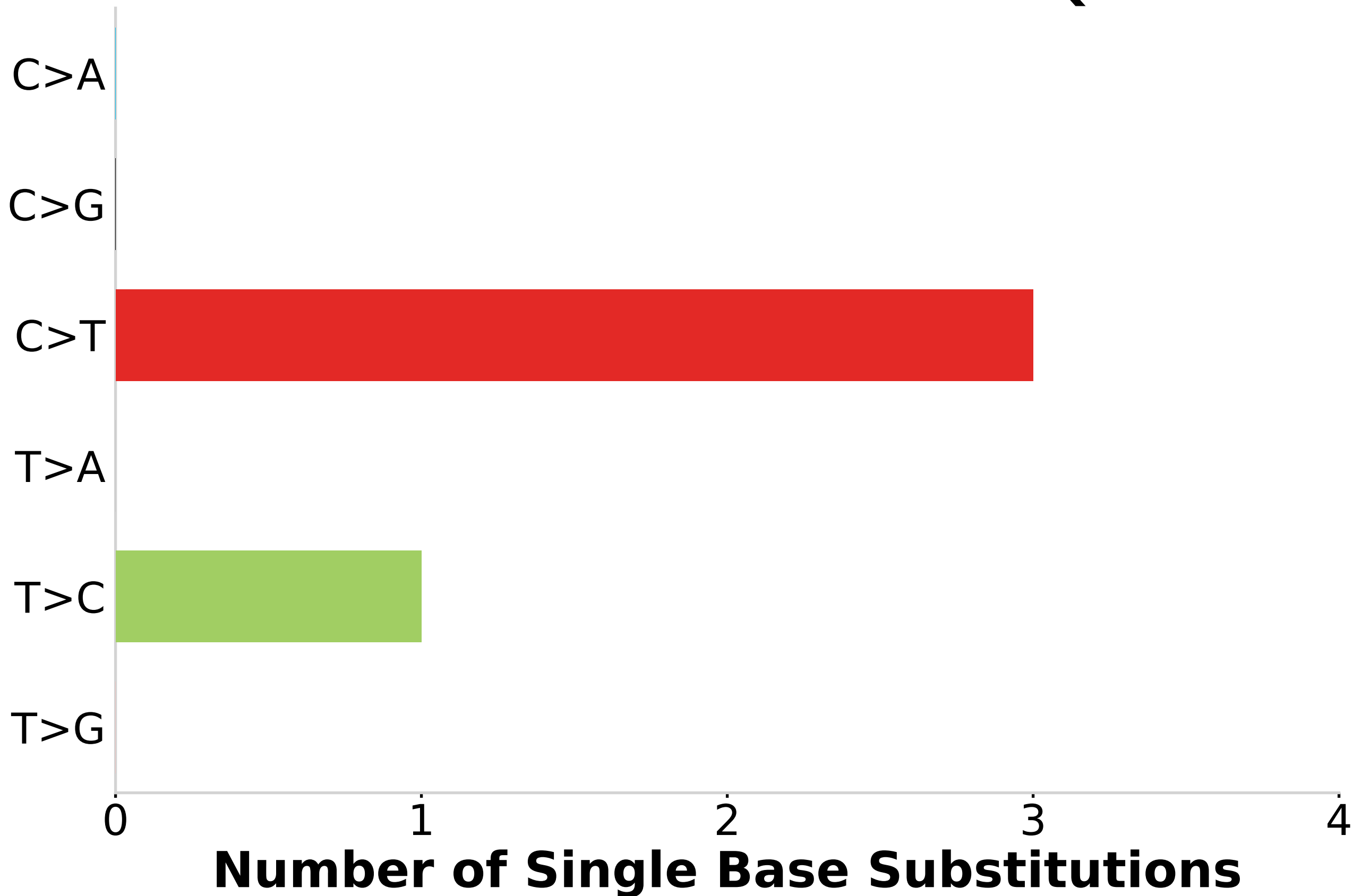
3

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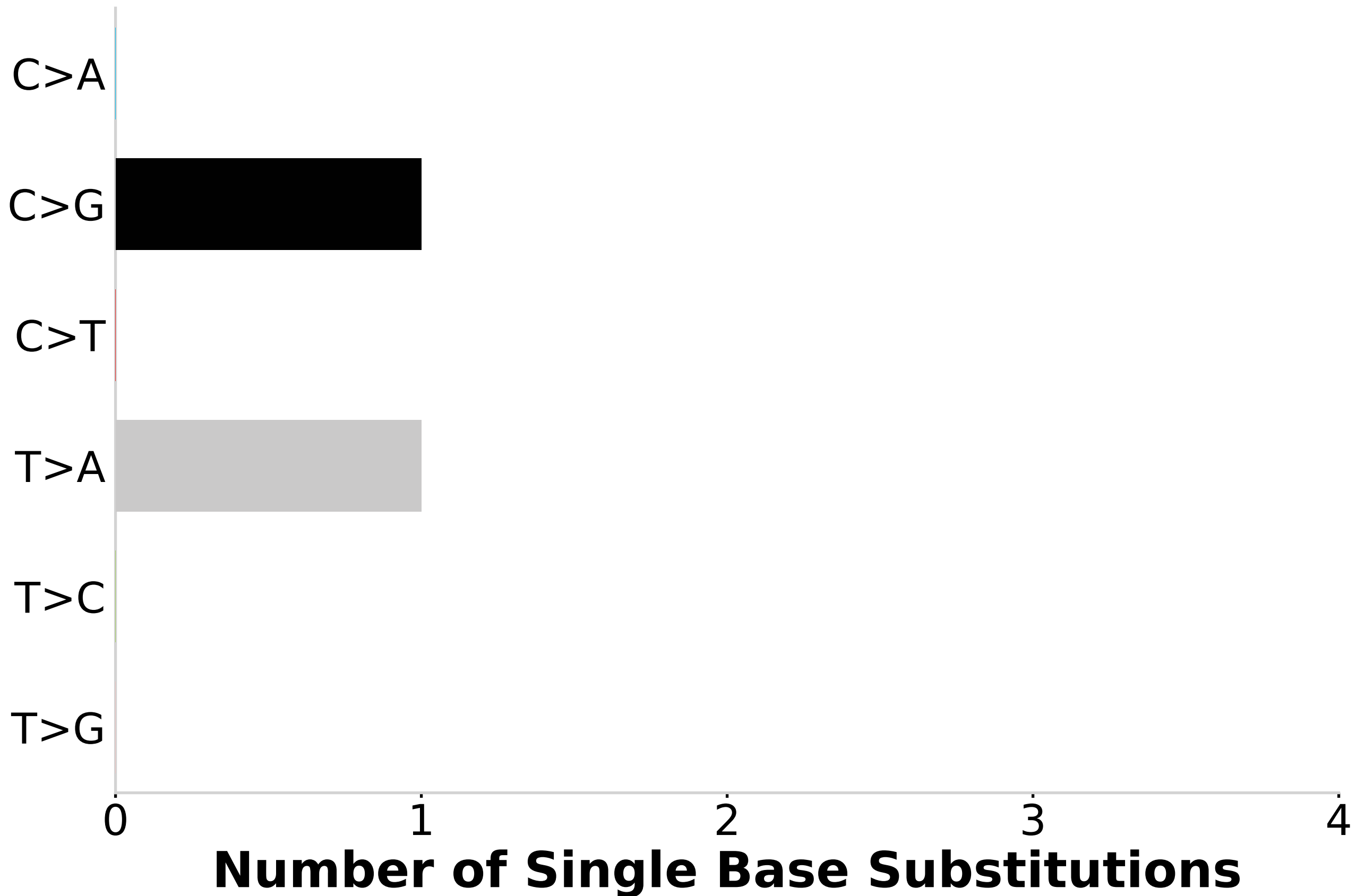
Number of Single Base Substitutions



TCGA-C8-A3M7-01A-12D-A21Q-09: 4 subs



TCGA-C8-A3M8-01A-11D-A20S-09: 2 subs



TCGA-C8-A8HP-01A-11D-A36J-09: 8 subs

C>A

C>G

C>T

T>A

T>C

T>G

0

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3

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Number of Single Base Substitutions



TCGA-C8-A8HQ-01A-11D-A36J-09: 13 subs

C>A

C>G

C>T

T>A

T>C

T>G

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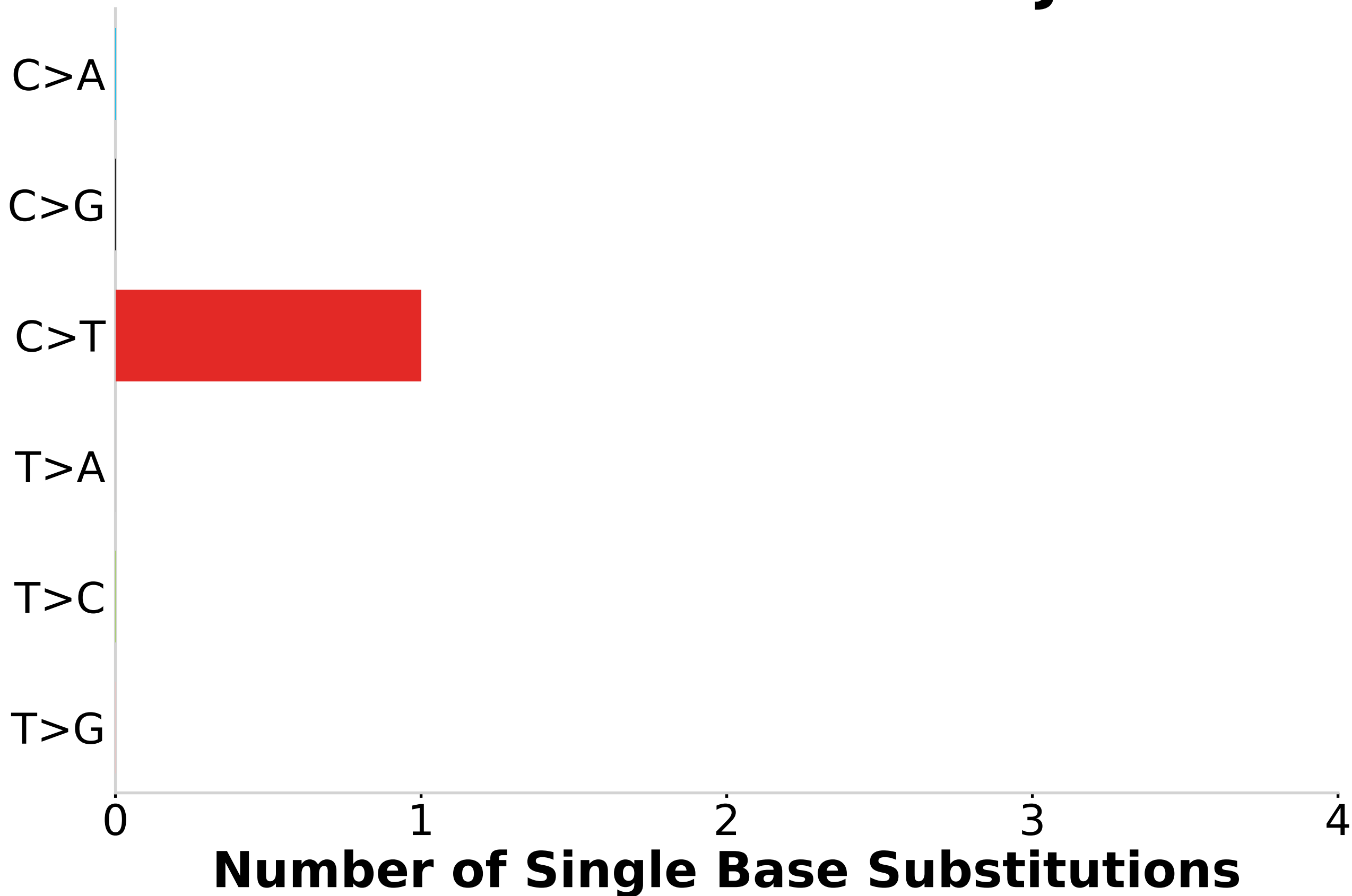
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8

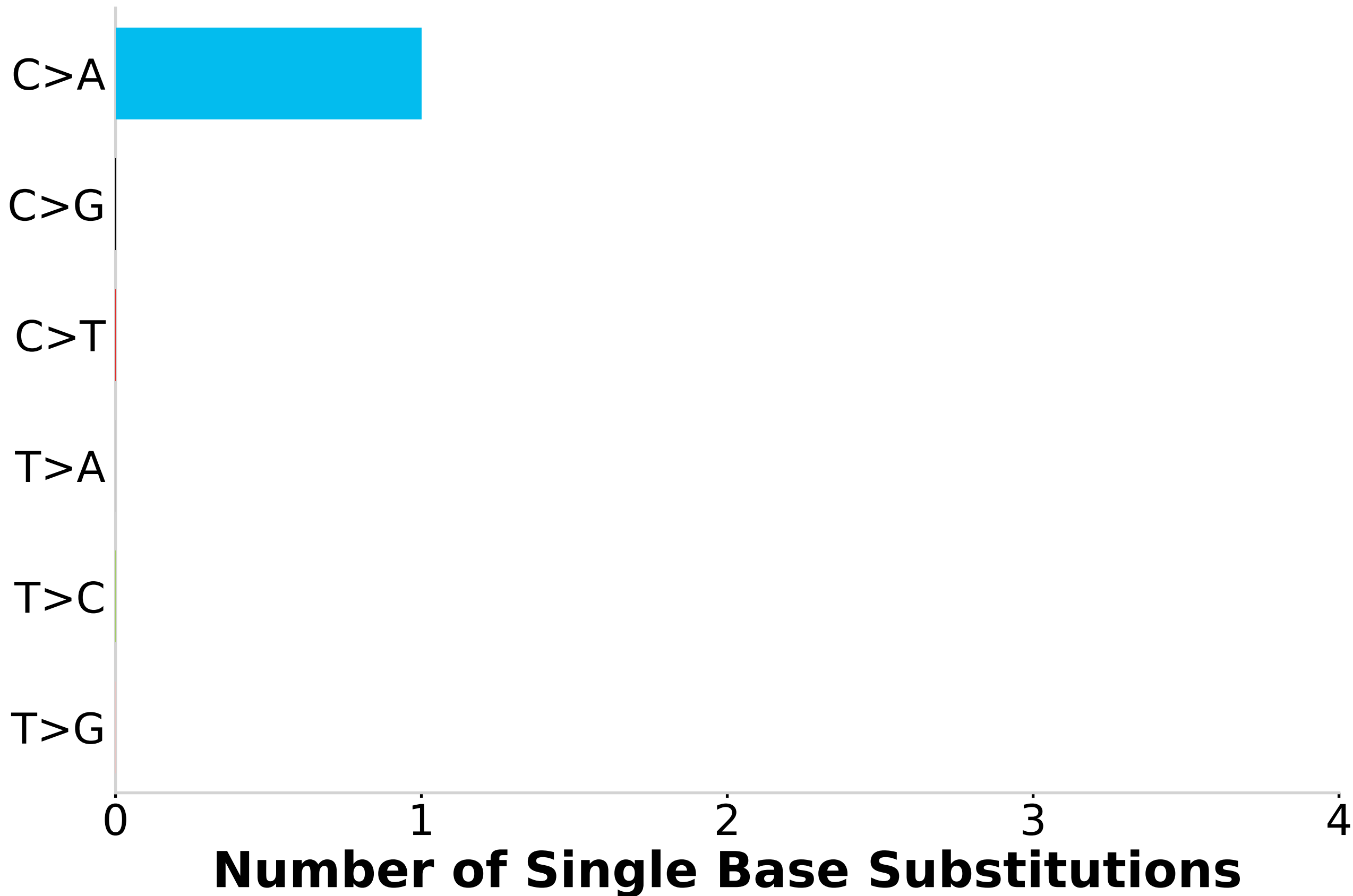
Number of Single Base Substitutions



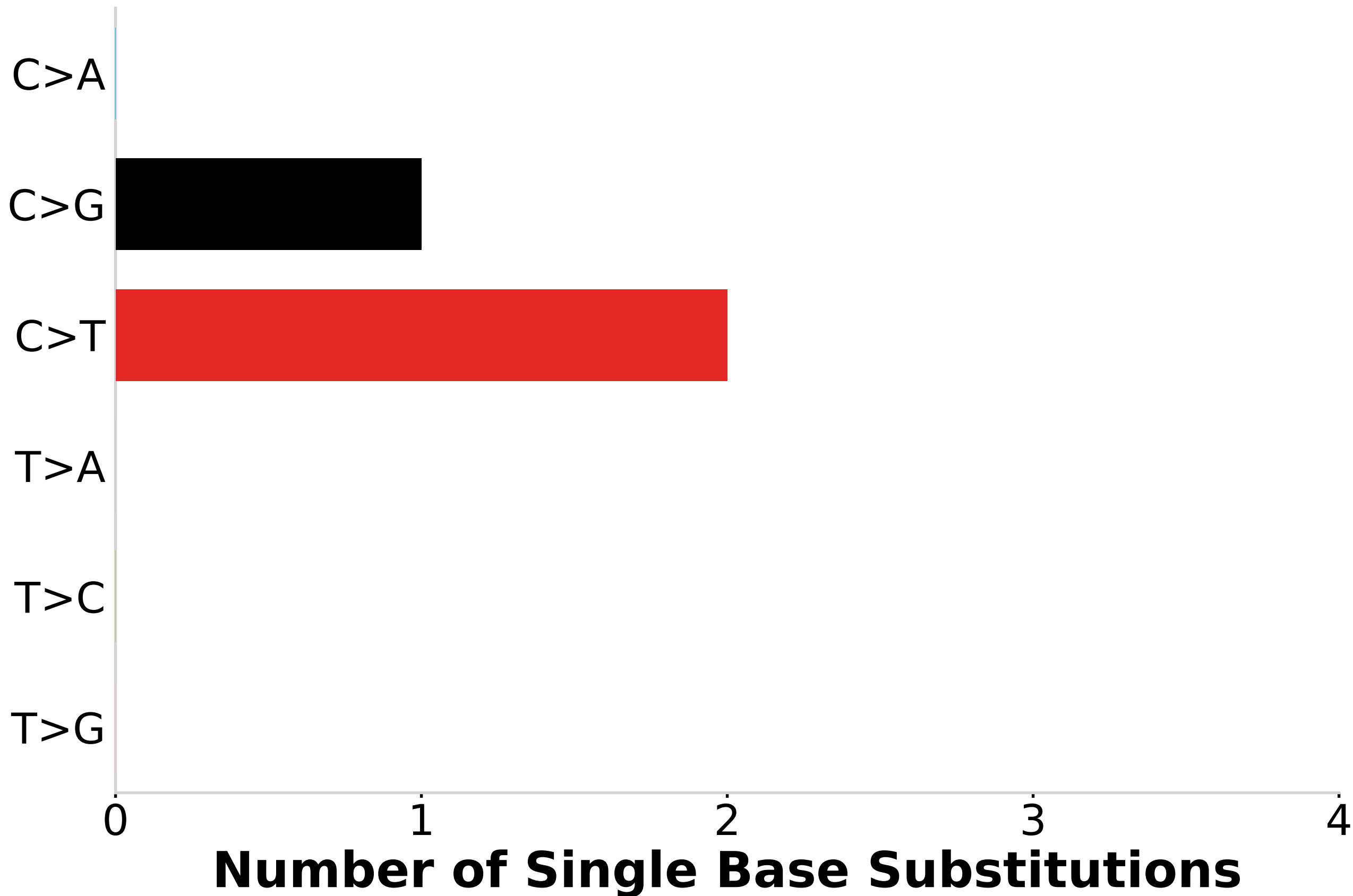
TCGA-C8-A8HR-01A-11D-A36J-09: 1 subs



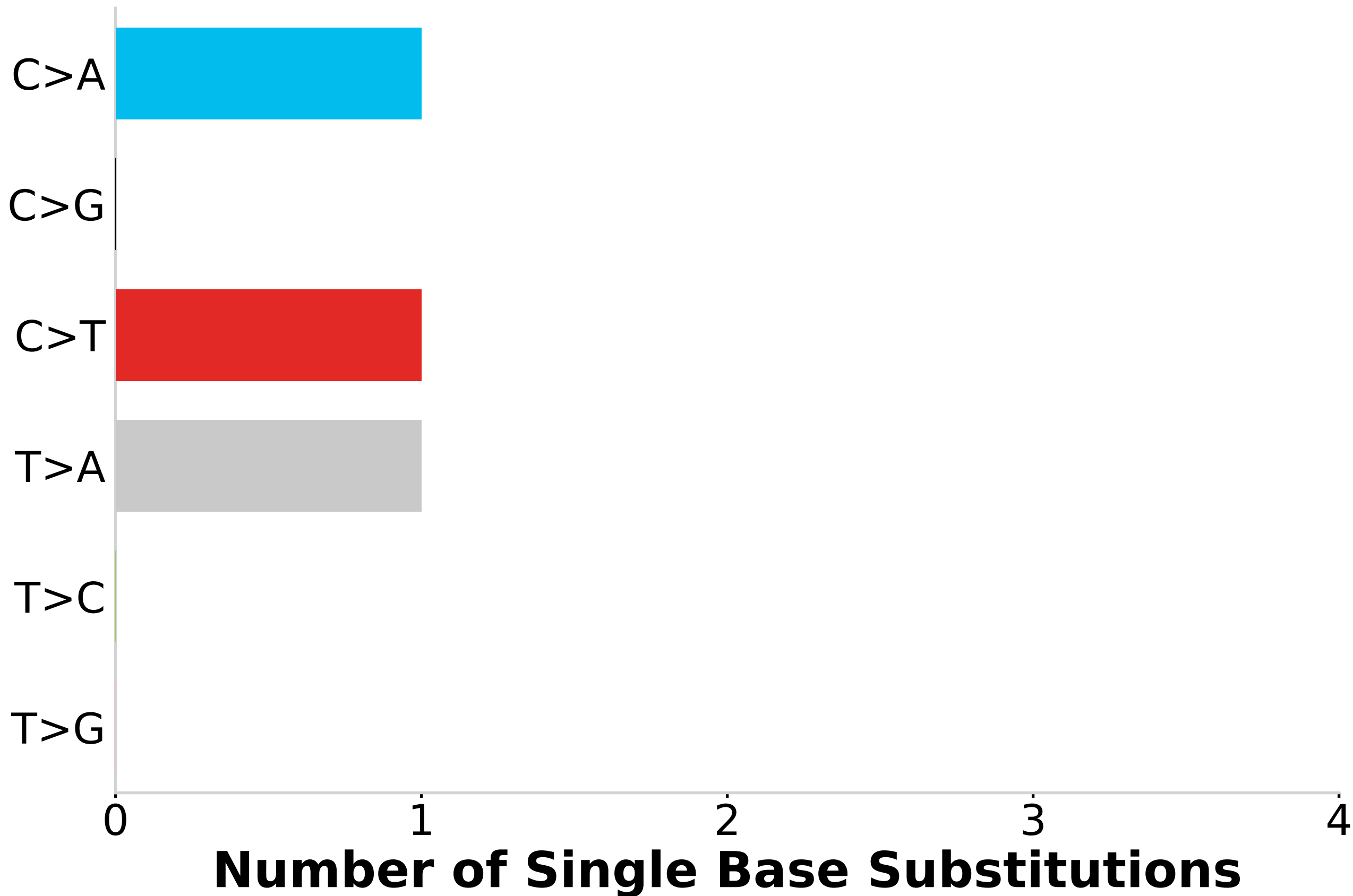
TCGA-C8-A9FZ-01A-11D-A41F-09: 1 subs



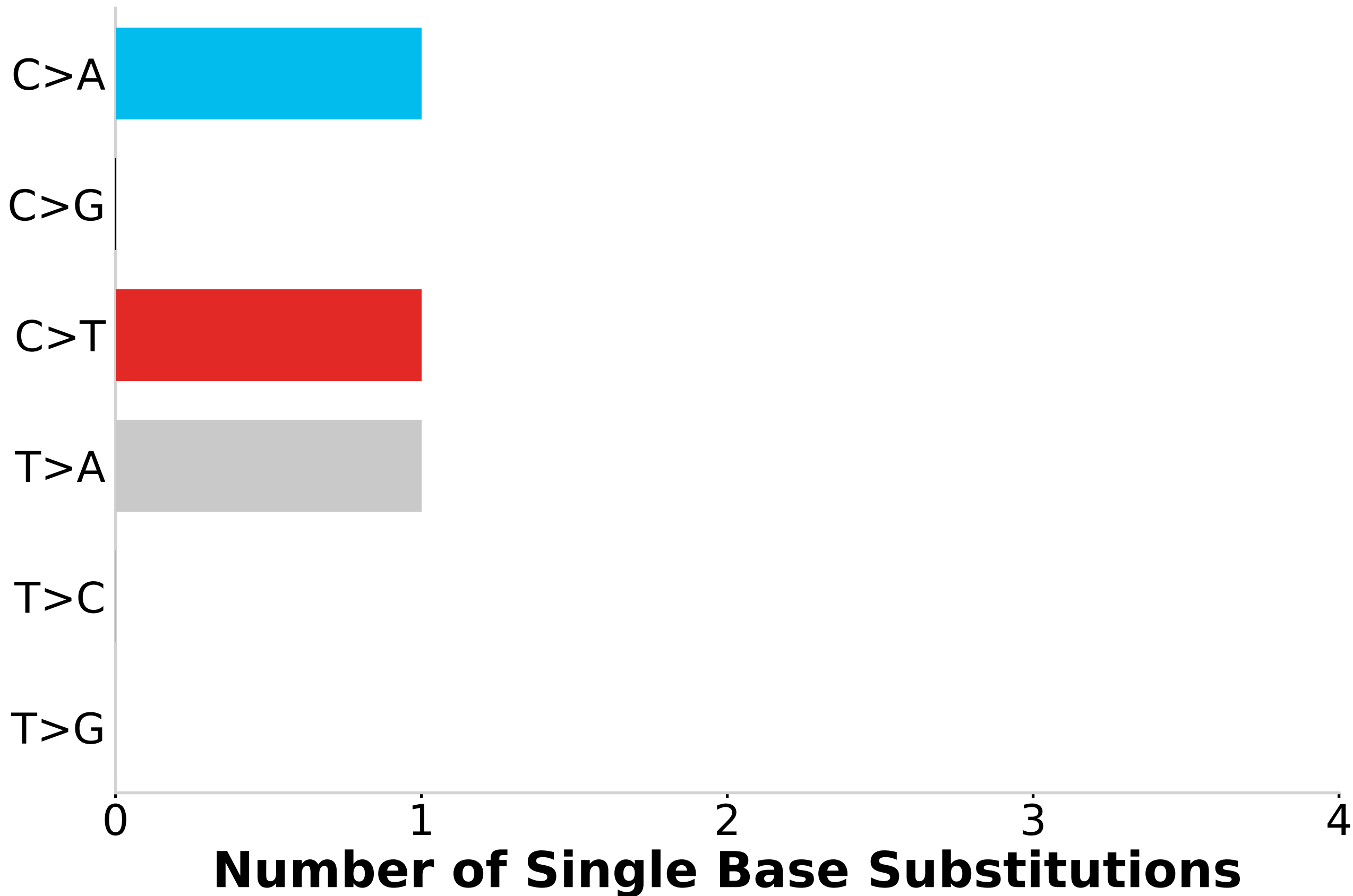
TCGA-D8-A13Y-01A-11D-A10Y-09: 3 subs



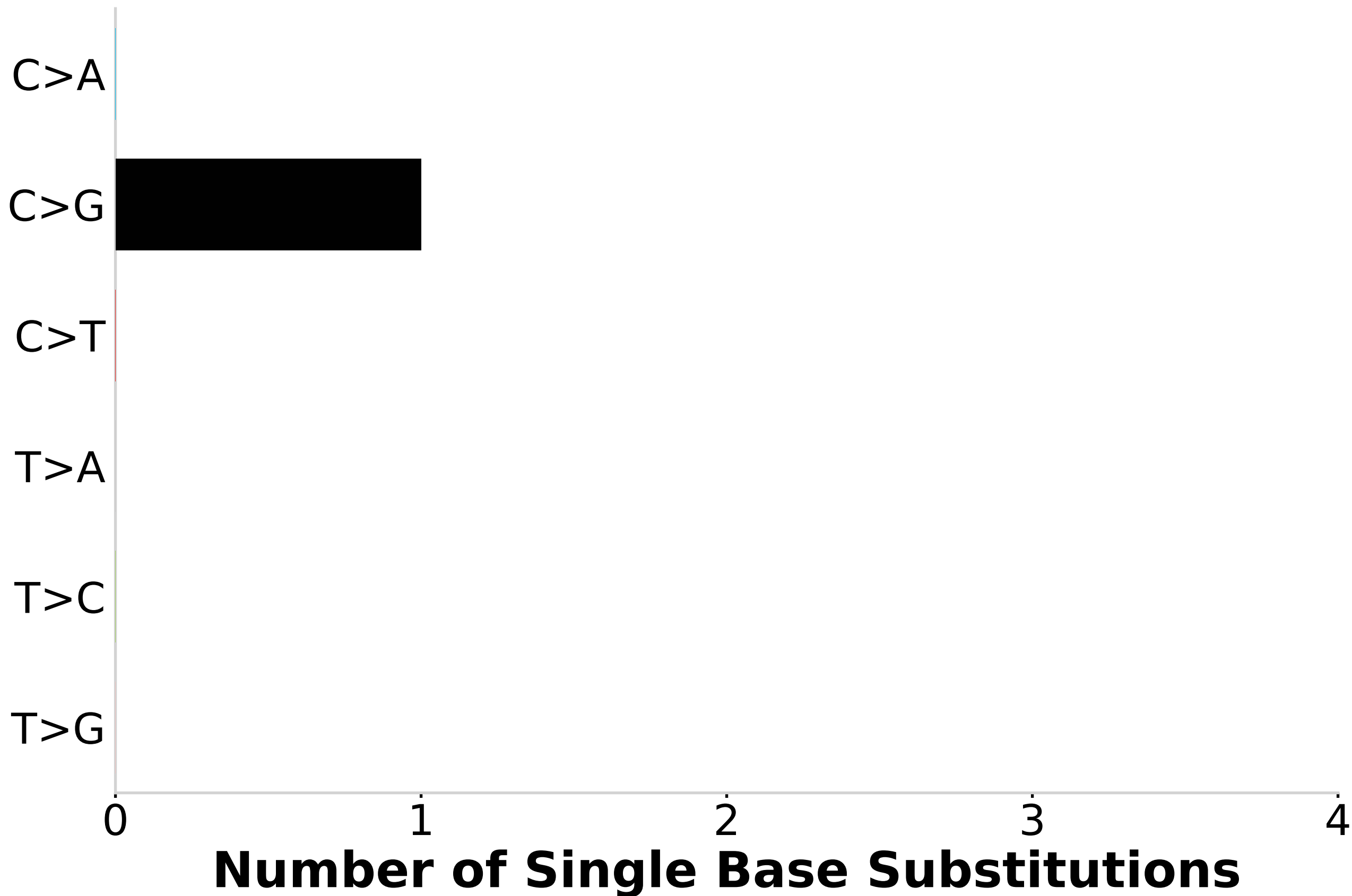
TCGA-D8-A13Z-01A-11D-A10Y-09: 3 subs



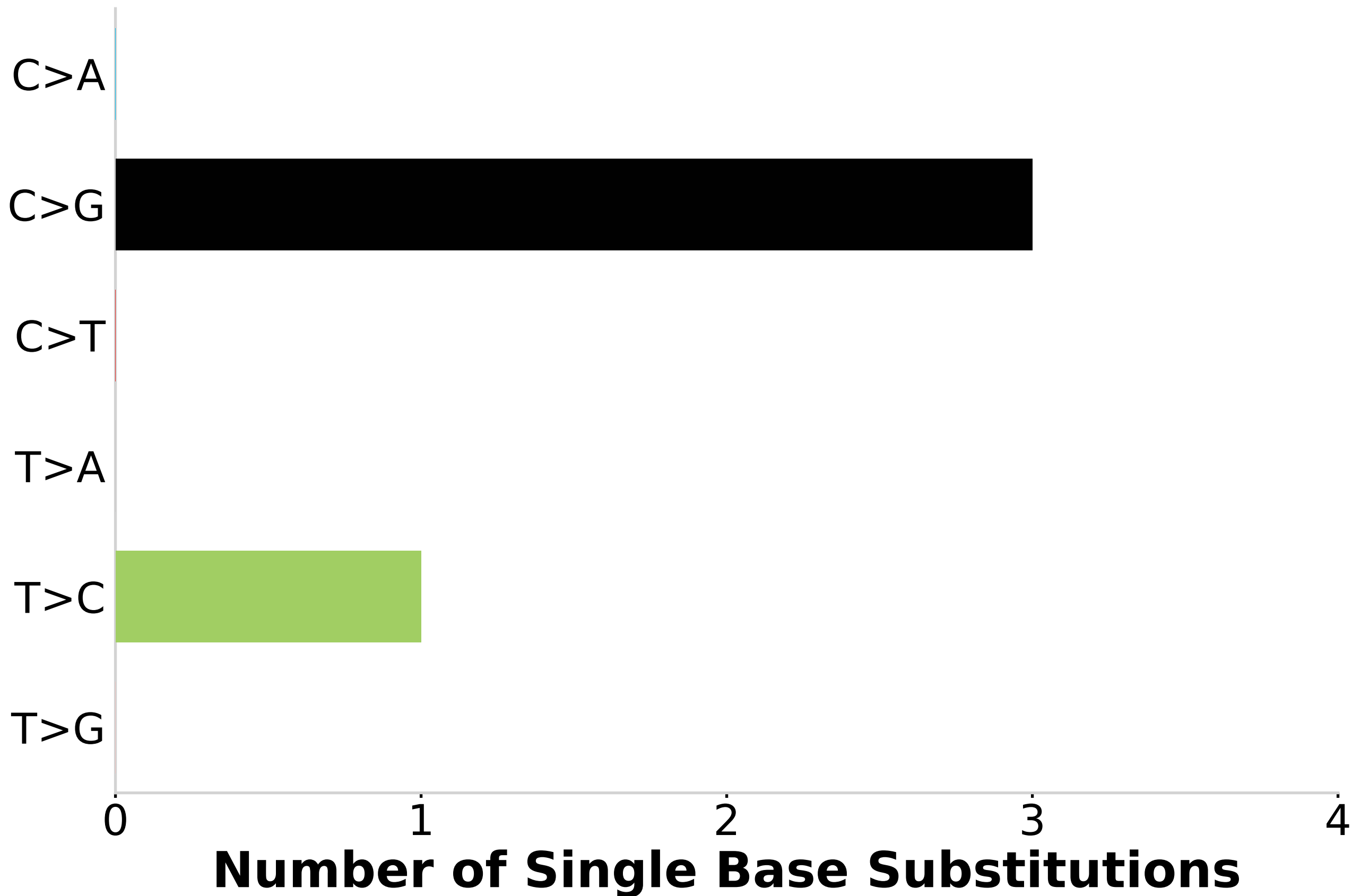
TCGA-D8-A140-01A-11D-A10Y-09: 3 subs



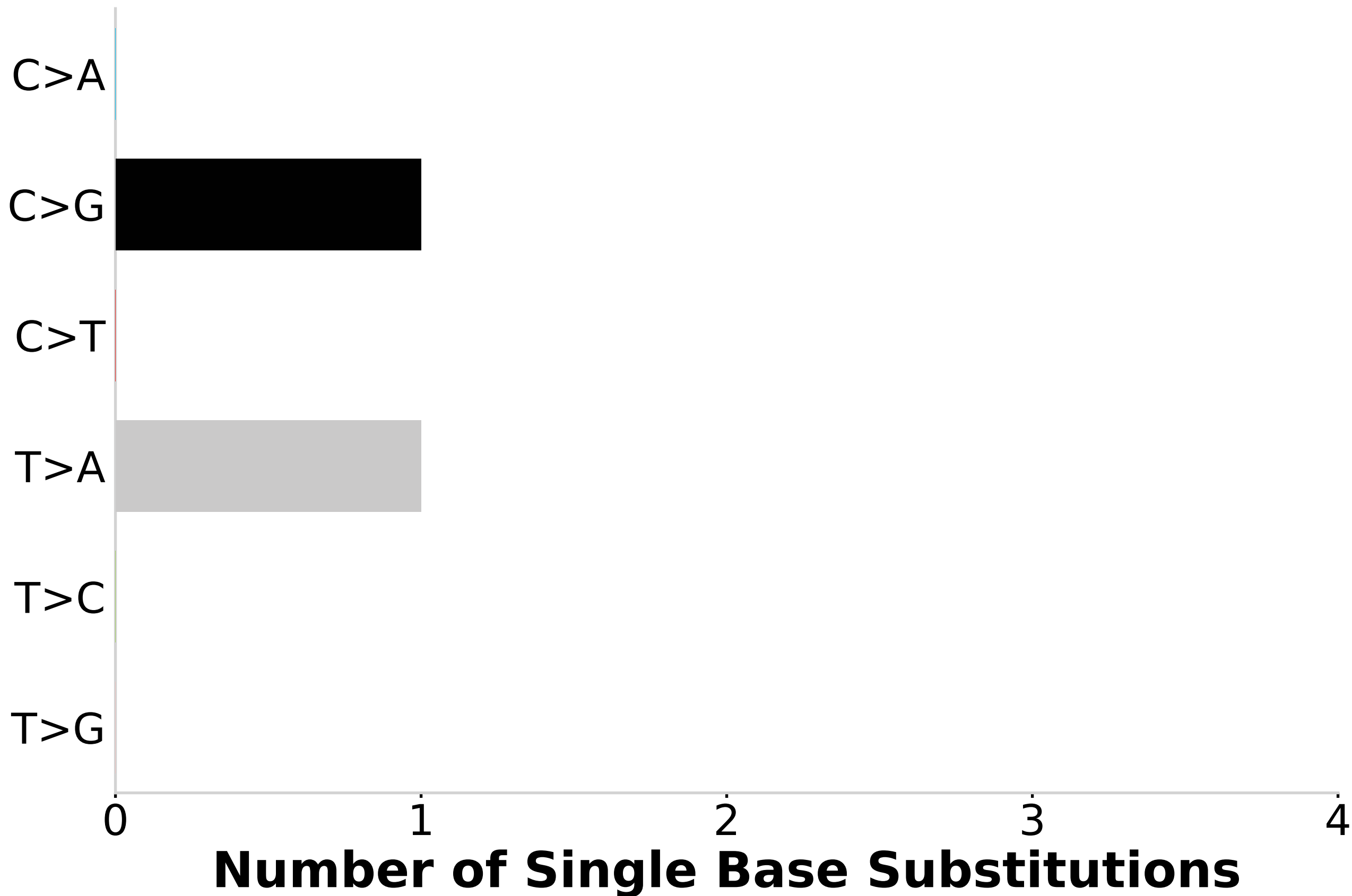
TCGA-D8-A141-01A-11D-A10Y-09: 1 subs



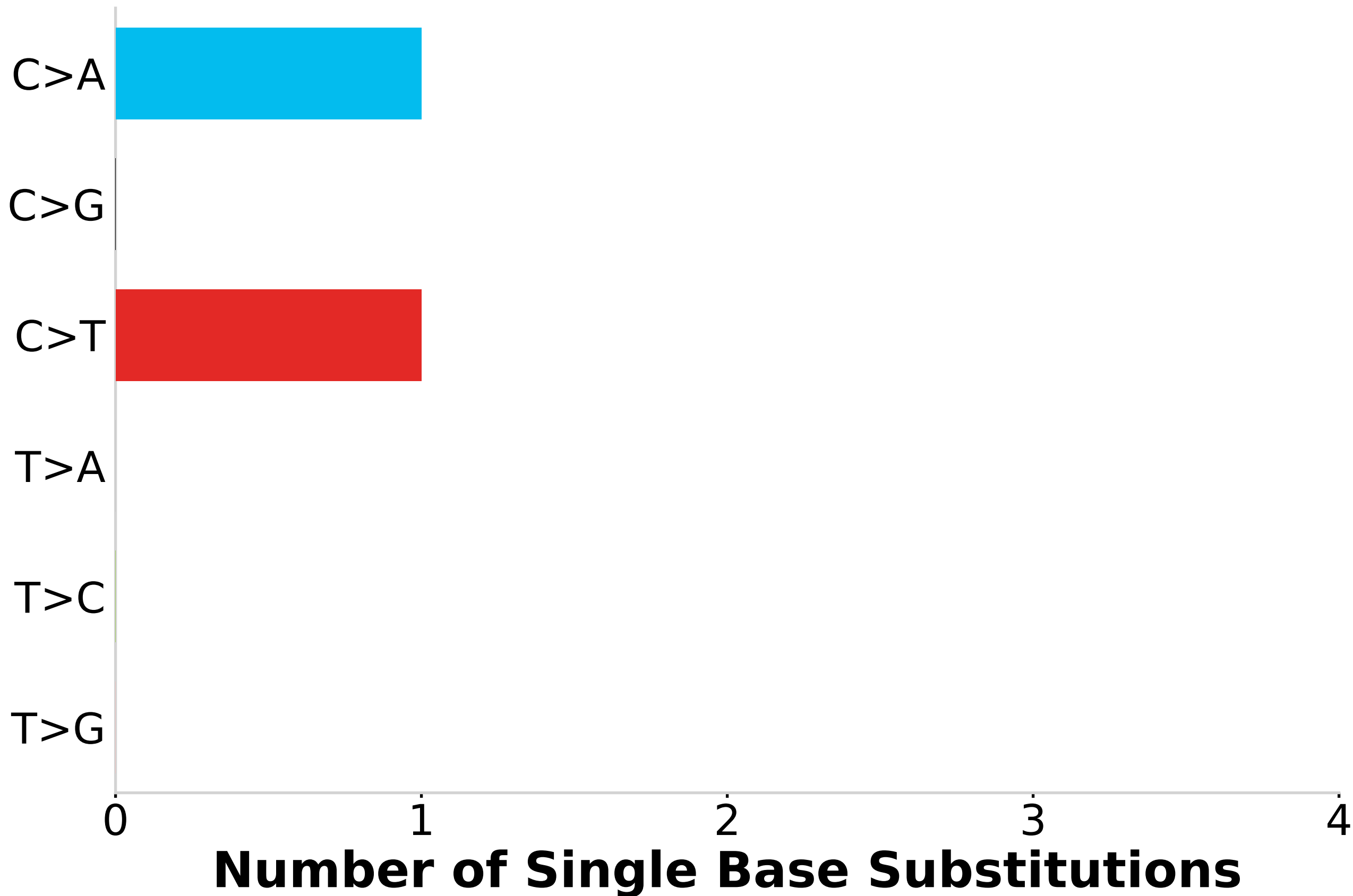
TCGA-D8-A142-01A-11D-A10Y-09: 4 subs



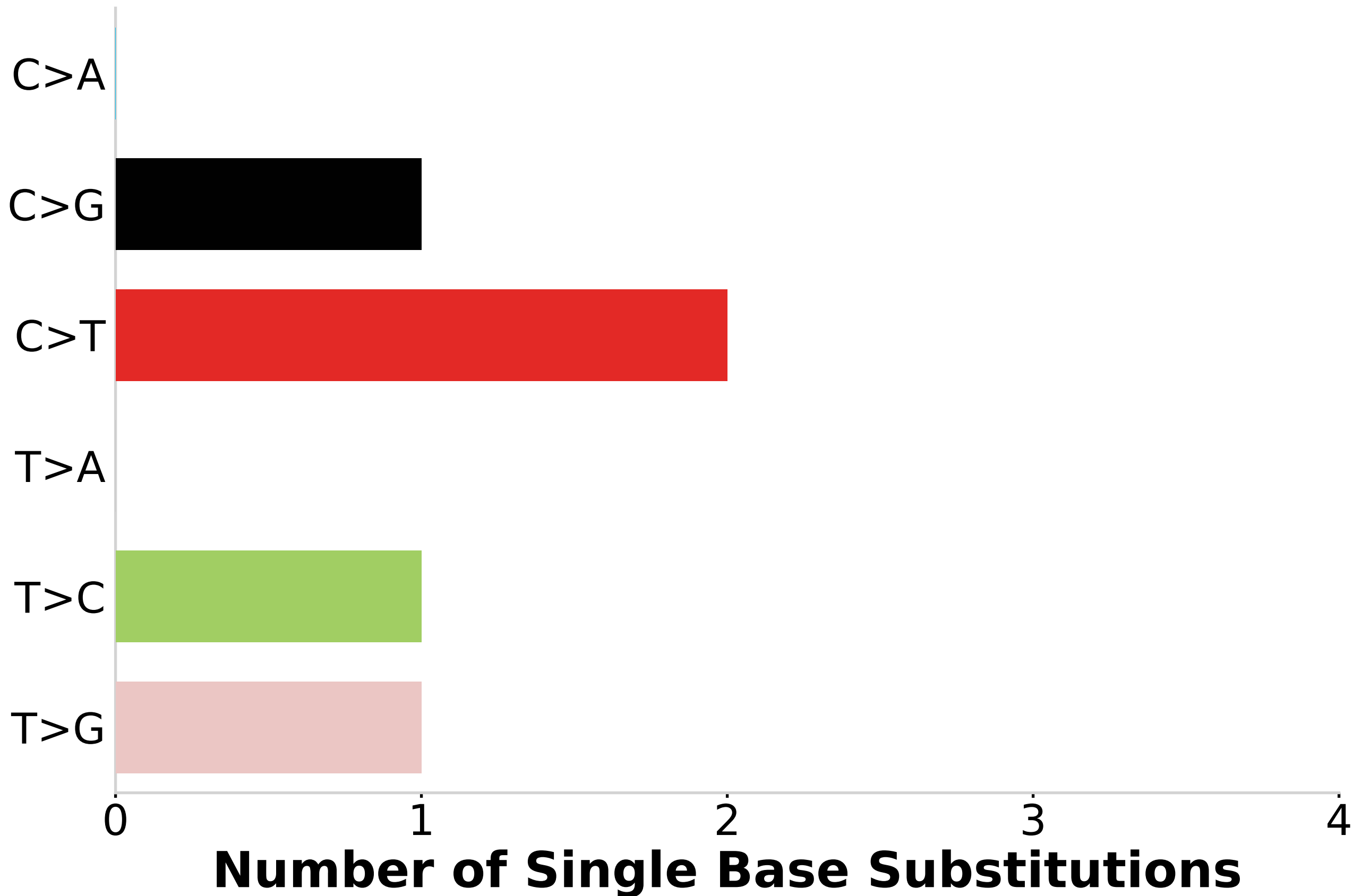
TCGA-D8-A143-01A-11D-A10Y-09: 2 subs



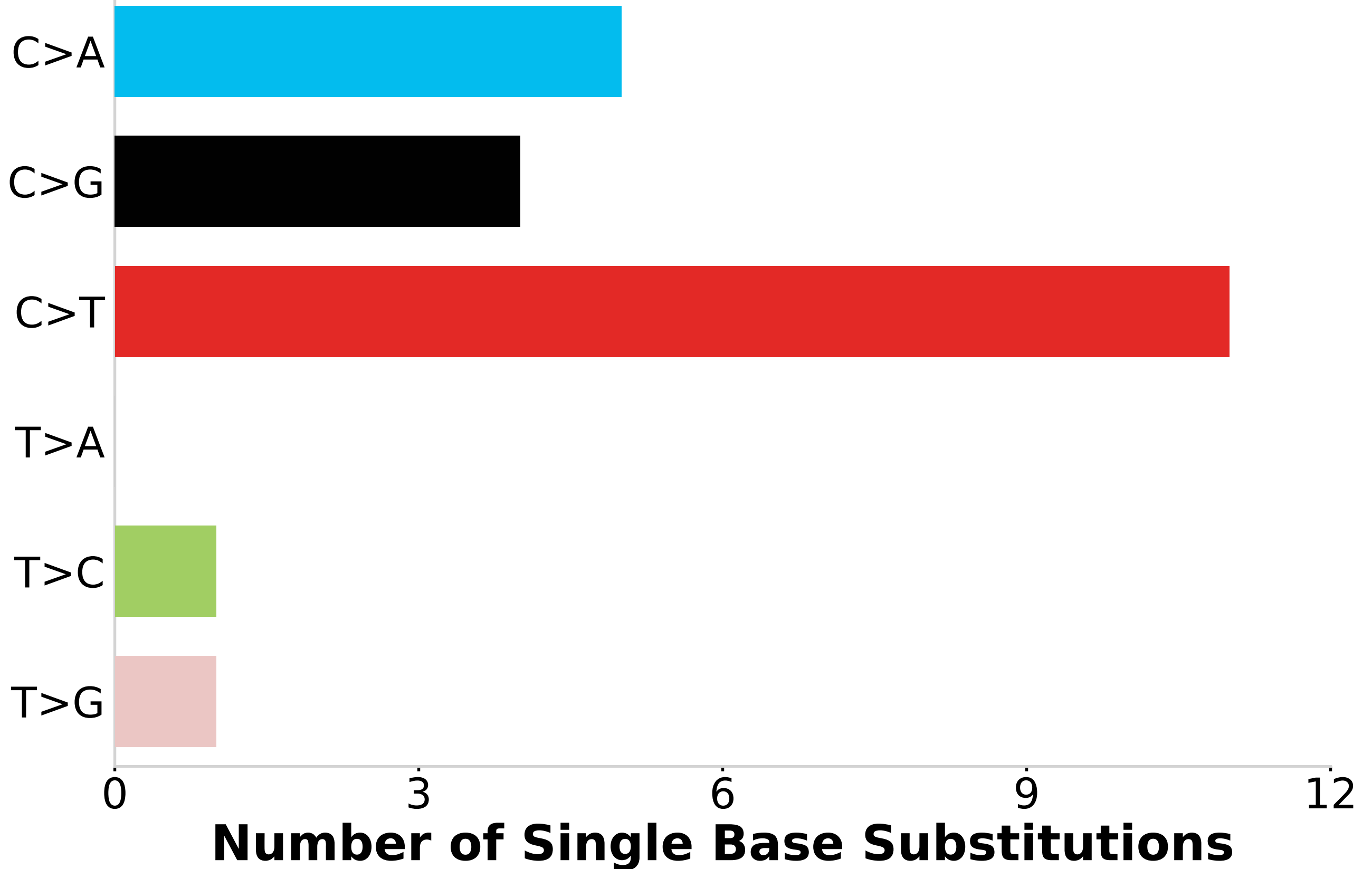
TCGA-D8-A145-01A-11D-A10Y-09: 2 subs



TCGA-D8-A147-01A-11D-A10Y-09: 5 subs



TCGA-D8-A1J8-01A-11D-A13L-09: 22 subs



TCGA-D8-A1J9-01A-11D-A13L-09: 6 subs

C>A

C>G

C>T

T>A

T>C

T>G

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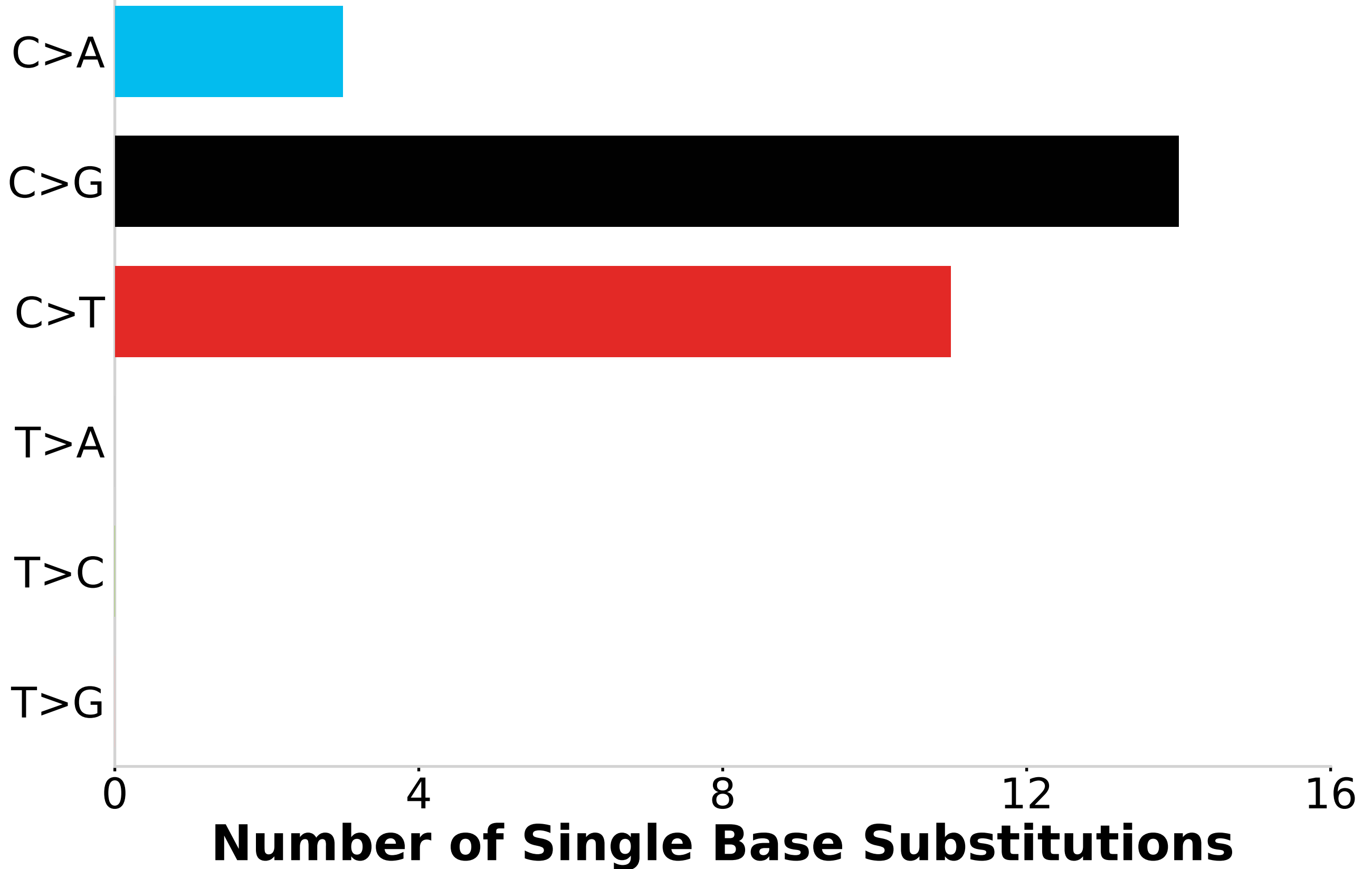
3

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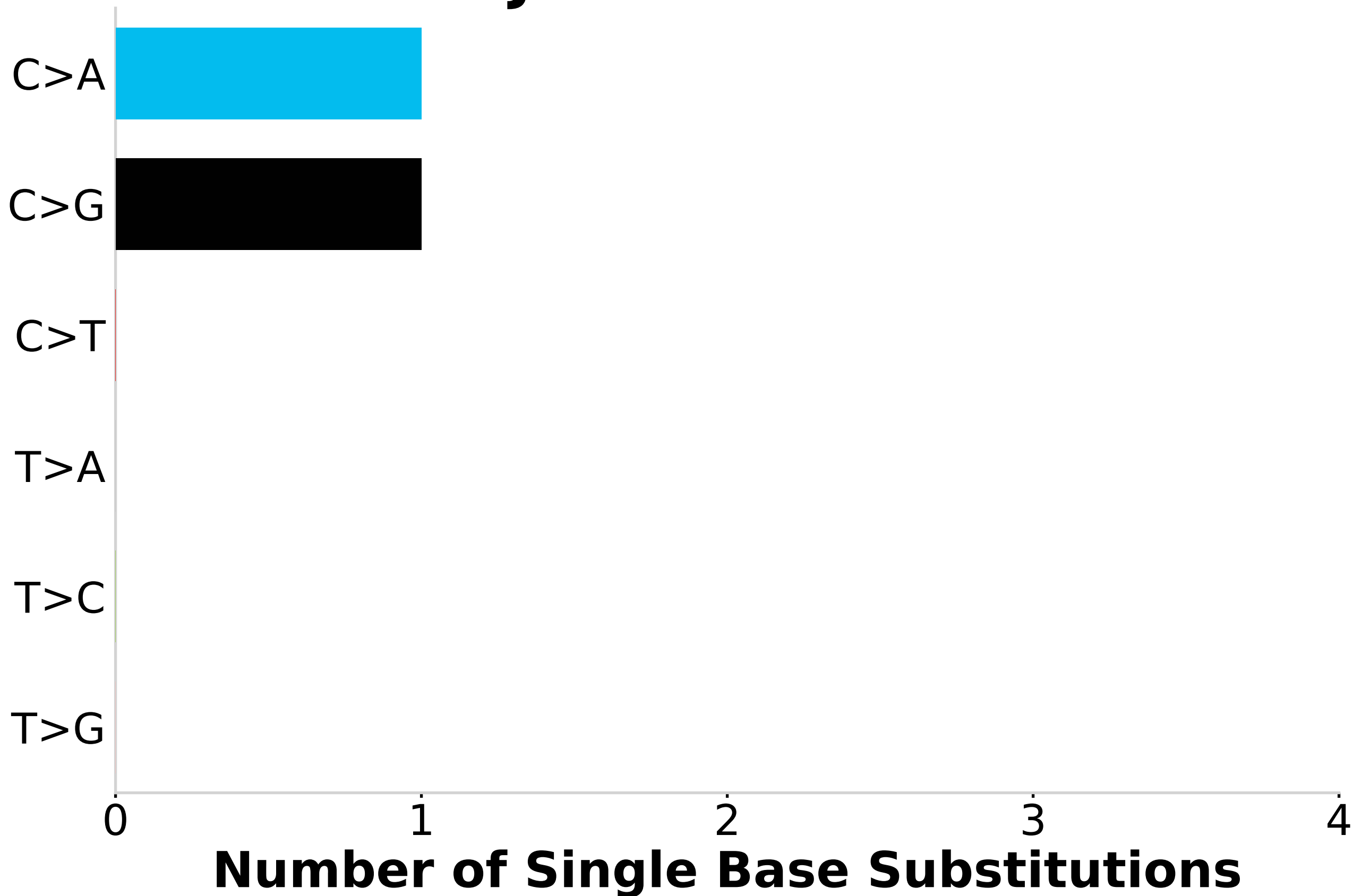
Number of Single Base Substitutions



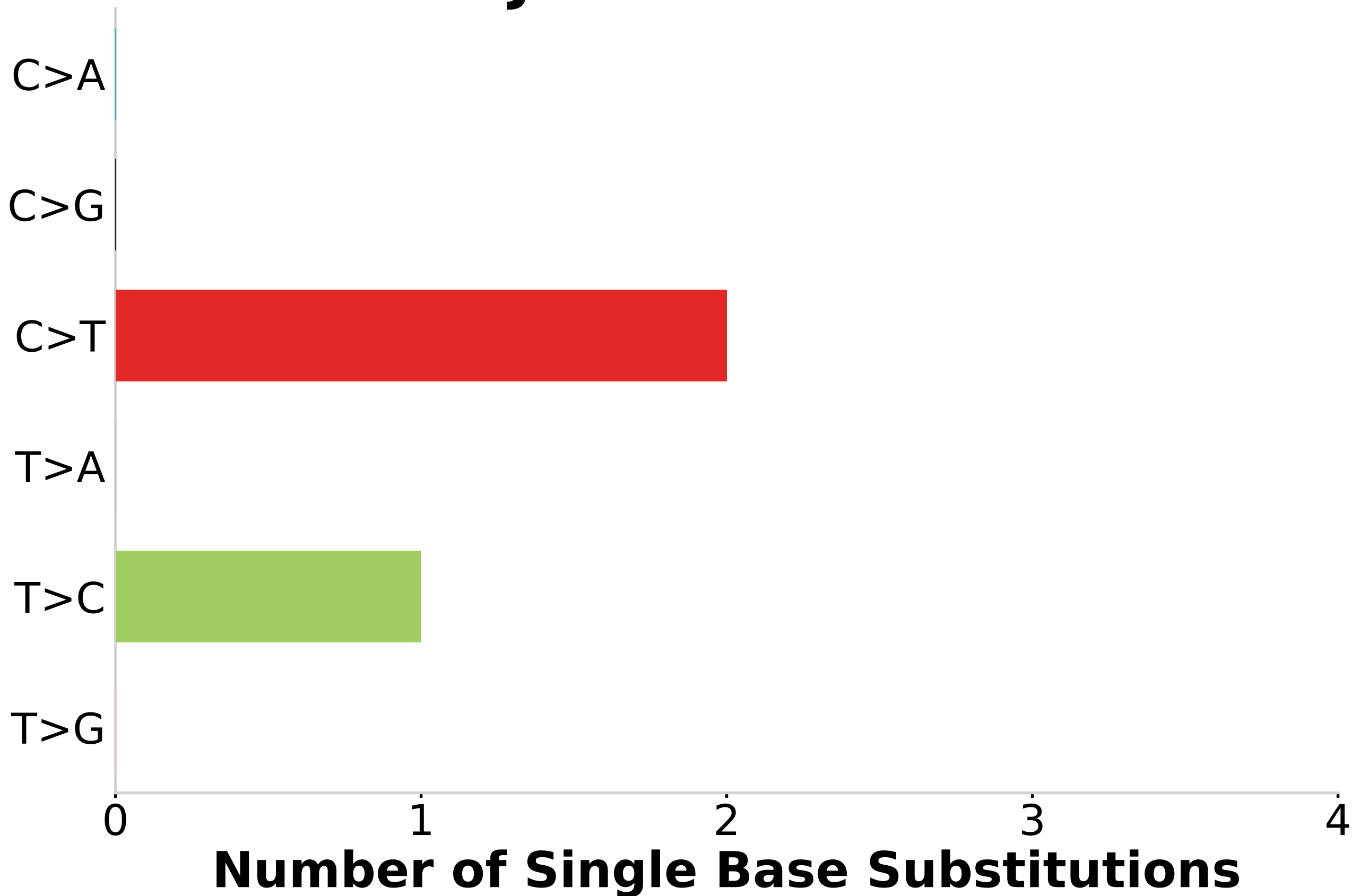
TCGA-D8-A1JA-01A-11D-A13L-09: 28 subs



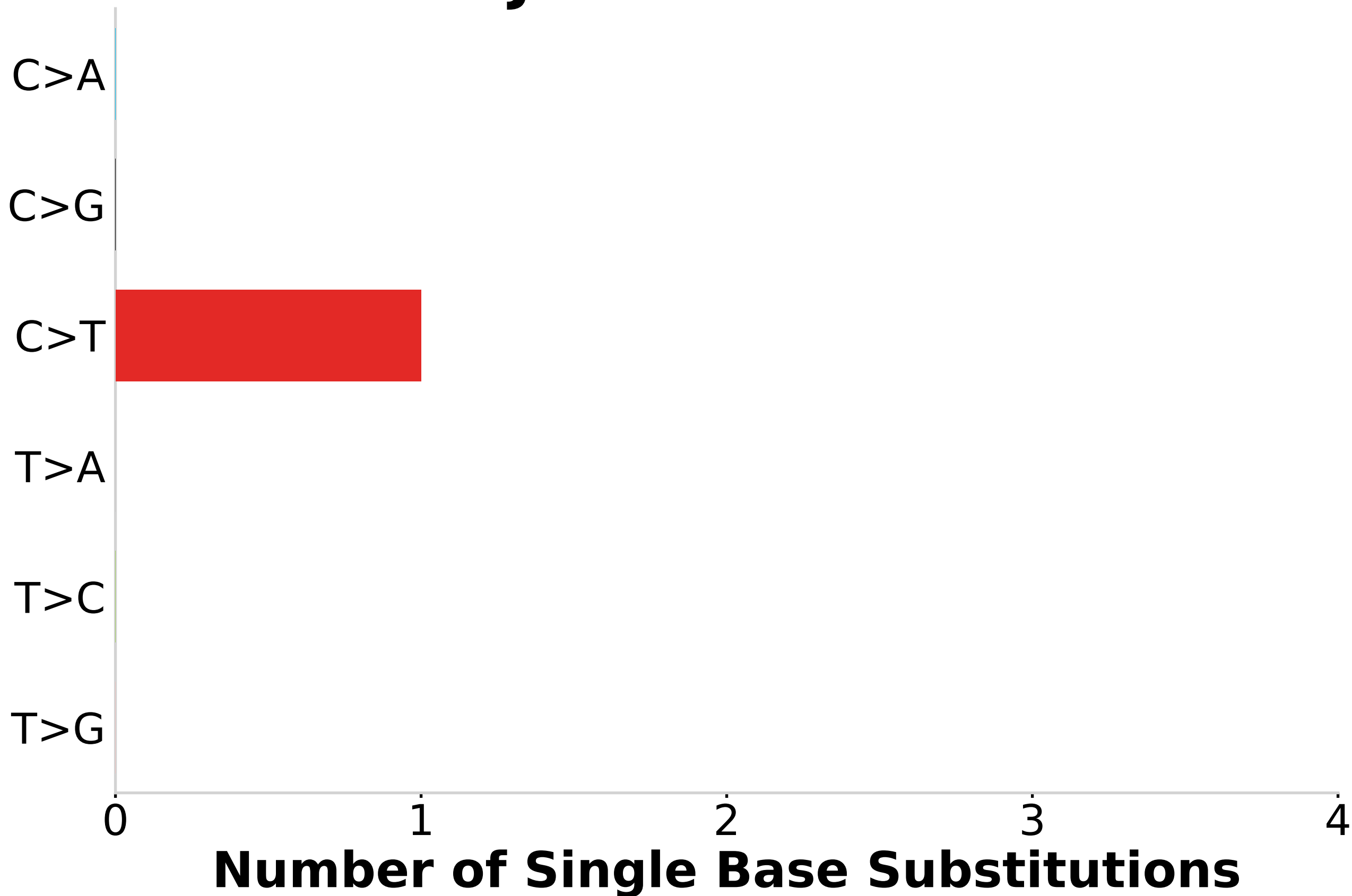
TCGA-D8-A1JC-01A-11D-A13L-09: 2 subs



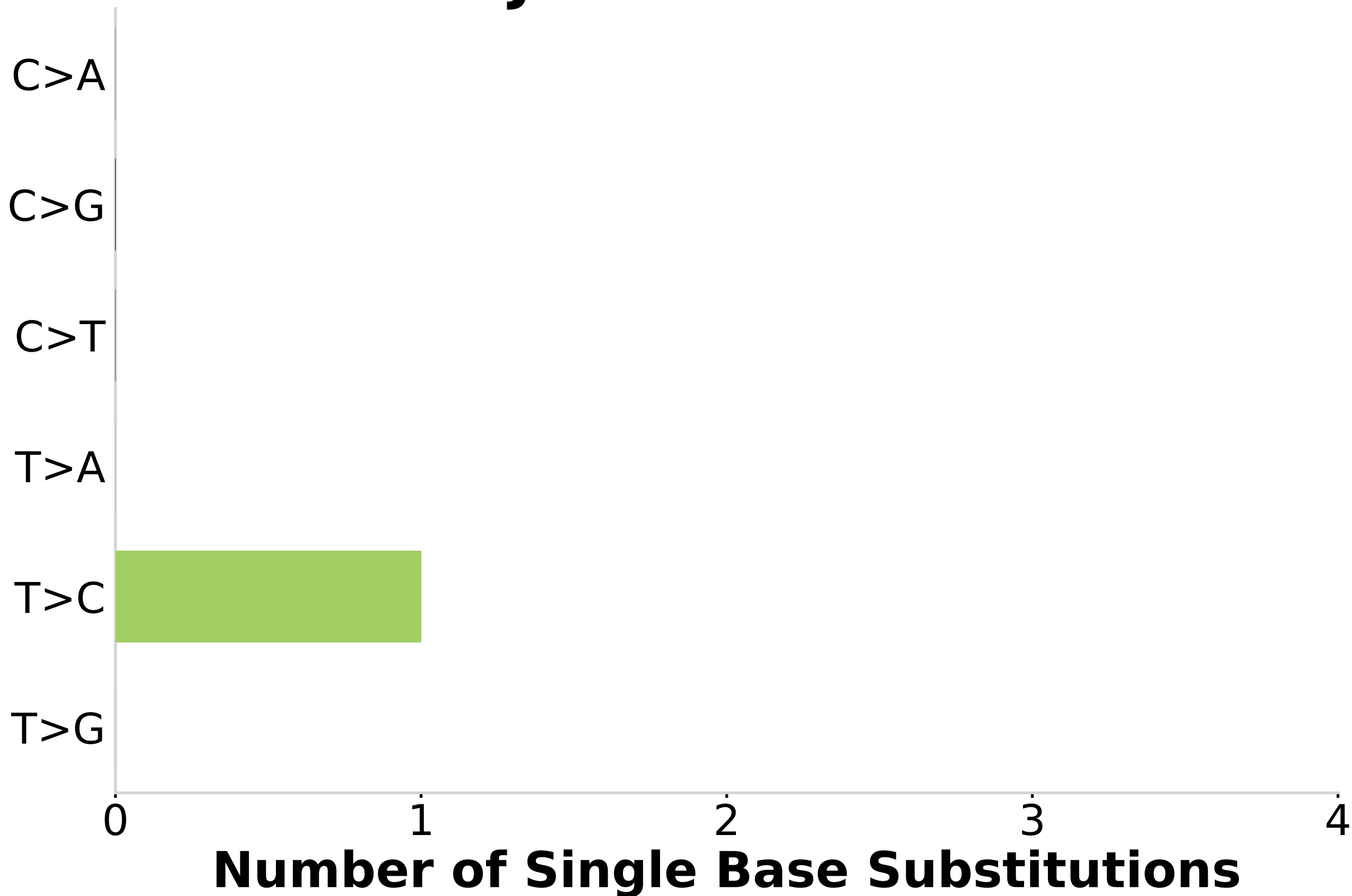
TCGA-D8-A1JD-01A-11D-A13L-09: 3 subs



TCGA-D8-A1JG-01B-11D-A13L-09: 1 subs



TCGA-D8-A1JH-01A-11D-A188-09: 1 subs



TCGA-D8-A1JJ-01A-31D-A14K-09: 2 subs

C>A

C>G

C>T

T>A

T>C

T>G

0

1

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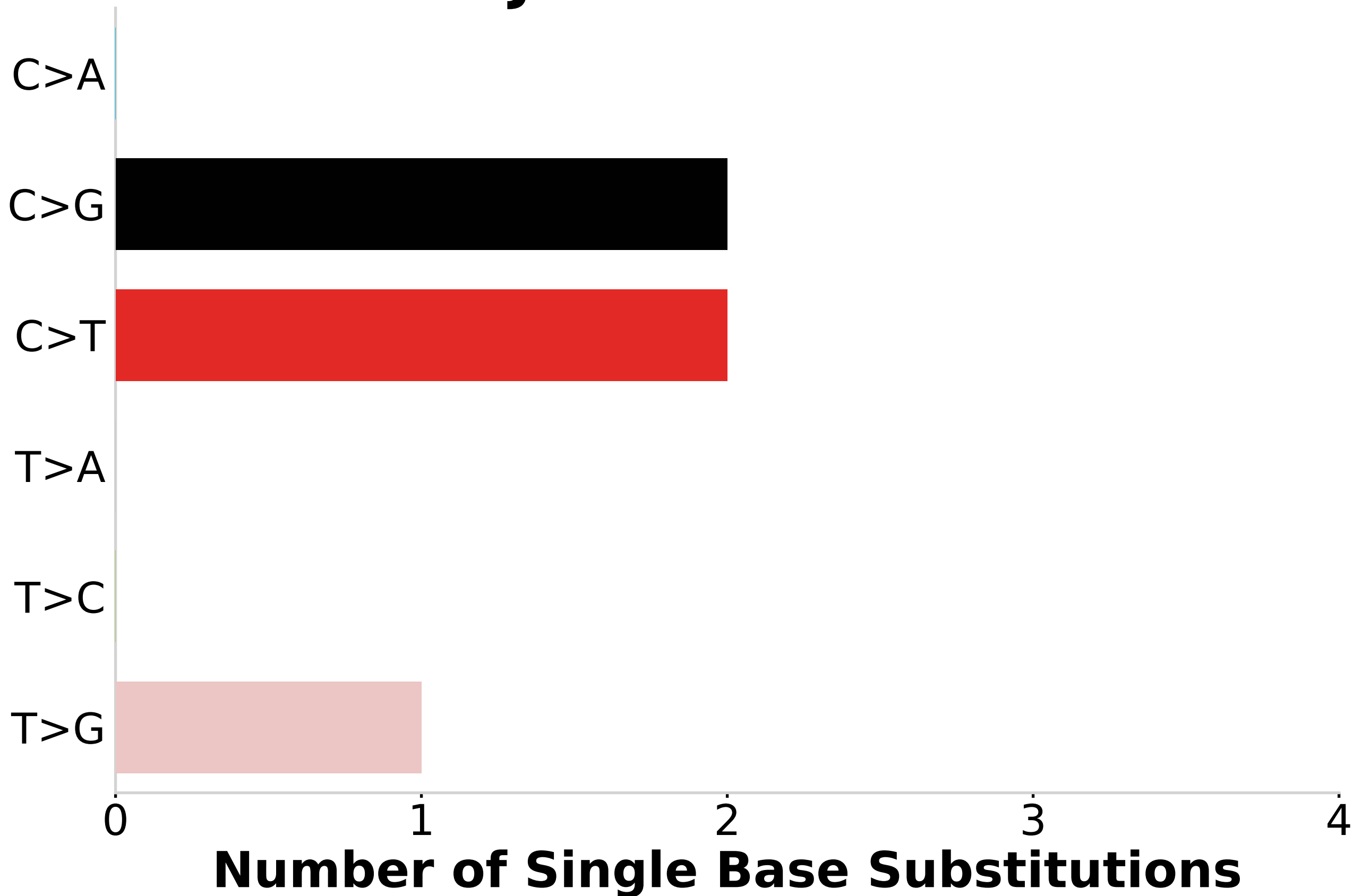
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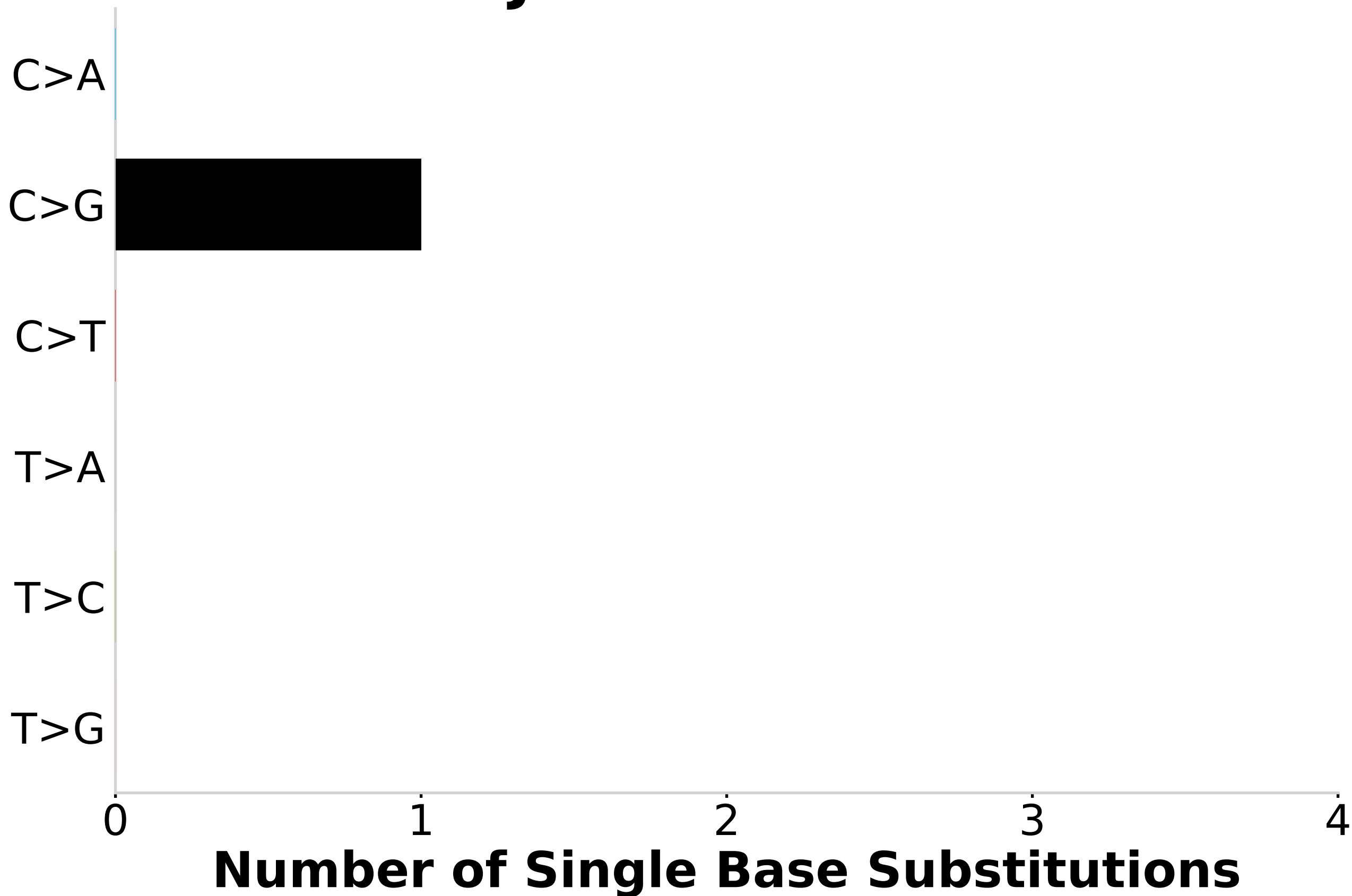
Number of Single Base Substitutions



TCGA-D8-A1JK-01A-11D-A13L-09: 5 subs



TCGA-D8-A1JL-01A-11D-A13L-09: 1 subs



TCGA-D8-A1JN-01A-11D-A13L-09: 5 subs

C>A

C>G

C>T

T>A

T>C

T>G

0

1

2

3

4

Number of Single Base Substitutions



TCGA-D8-A1JT-01A-31D-A13L-09: 1 subs

C>A

C>G

C>T

T>A

T>C

T>G

0

1

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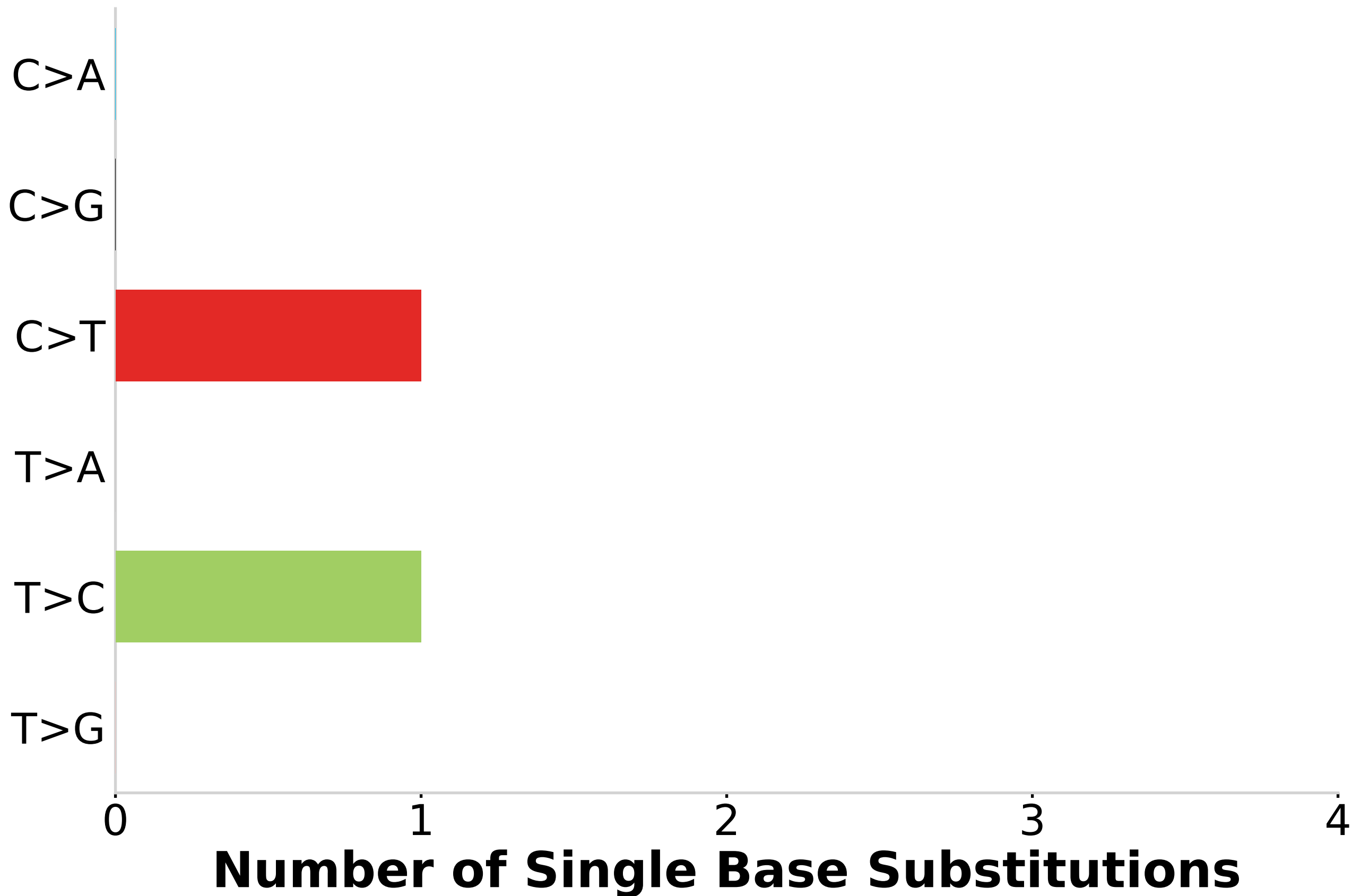
3

4

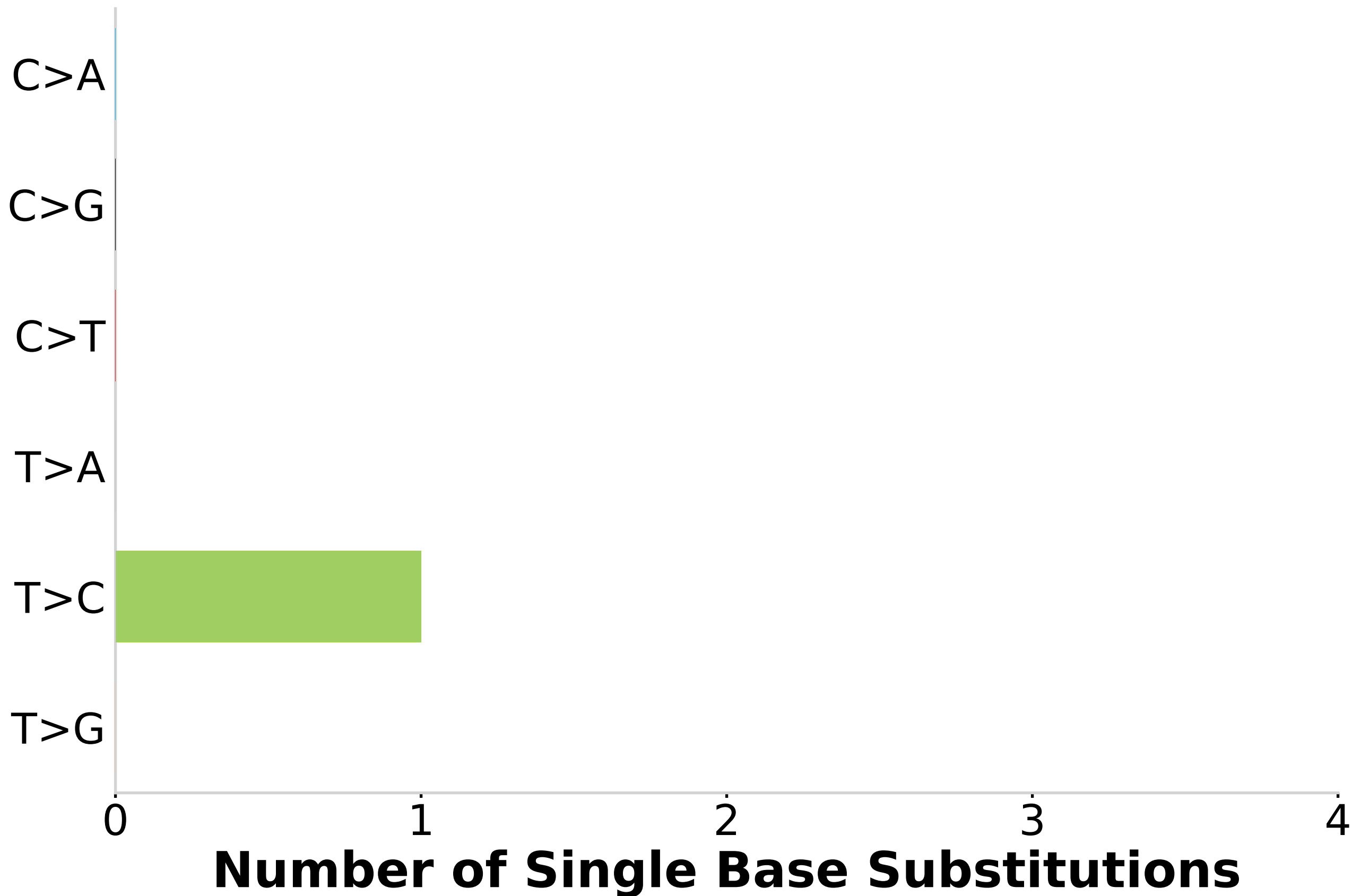
Number of Single Base Substitutions



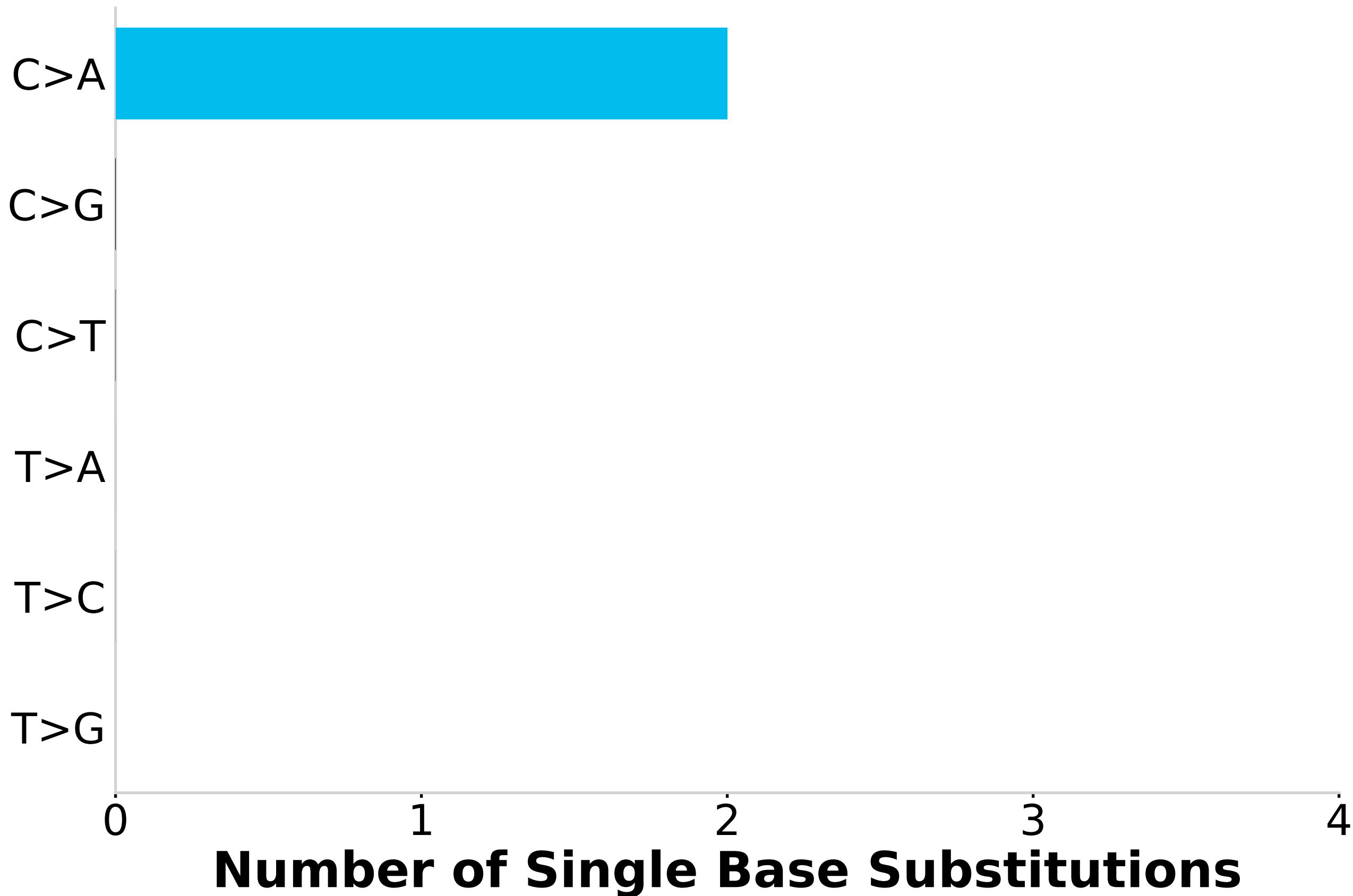
TCGA-D8-A1X5-01A-11D-A14G-09: 2 subs



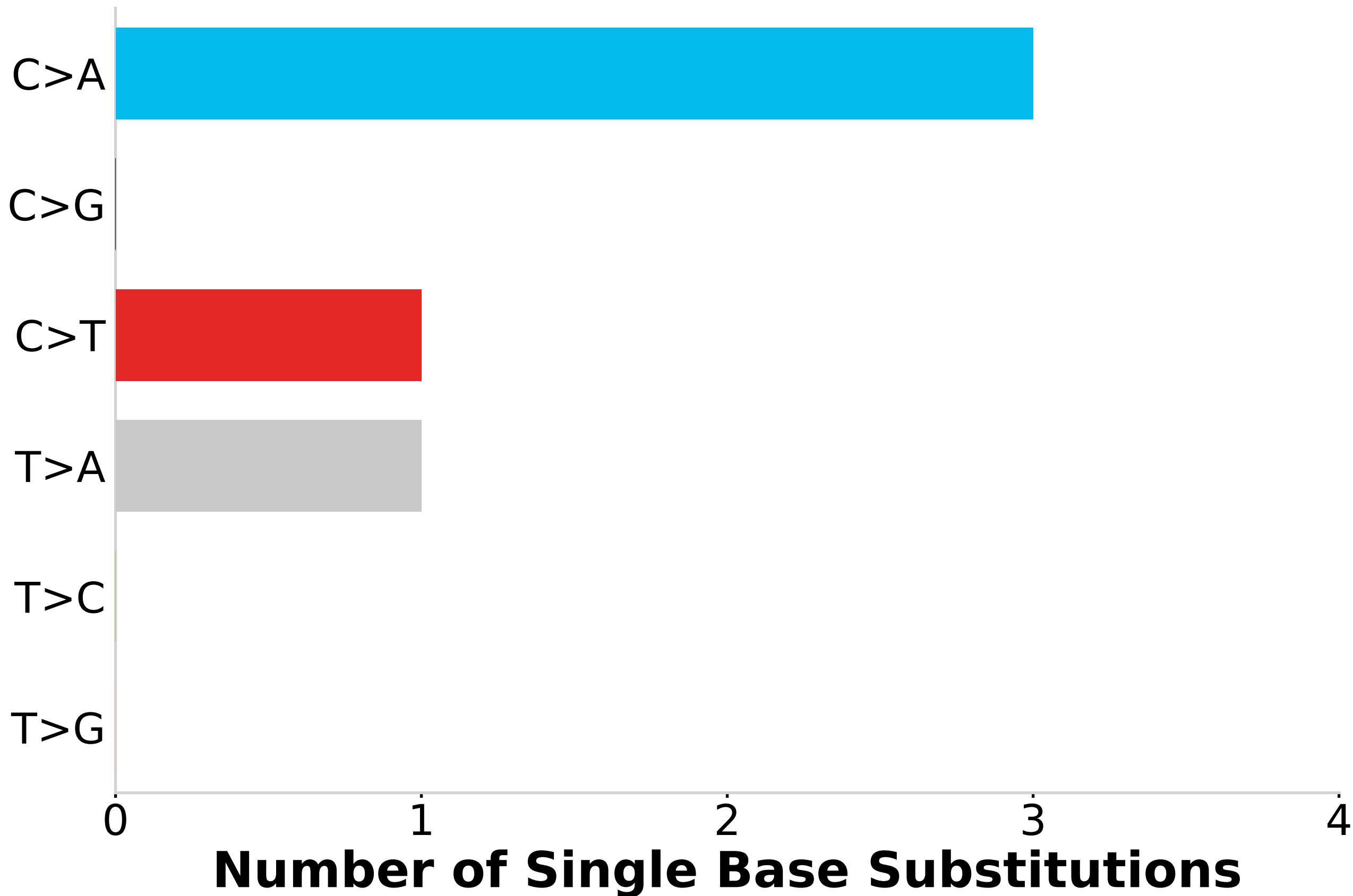
TCGA-D8-A1X6-01A-11D-A14K-09: 1 subs



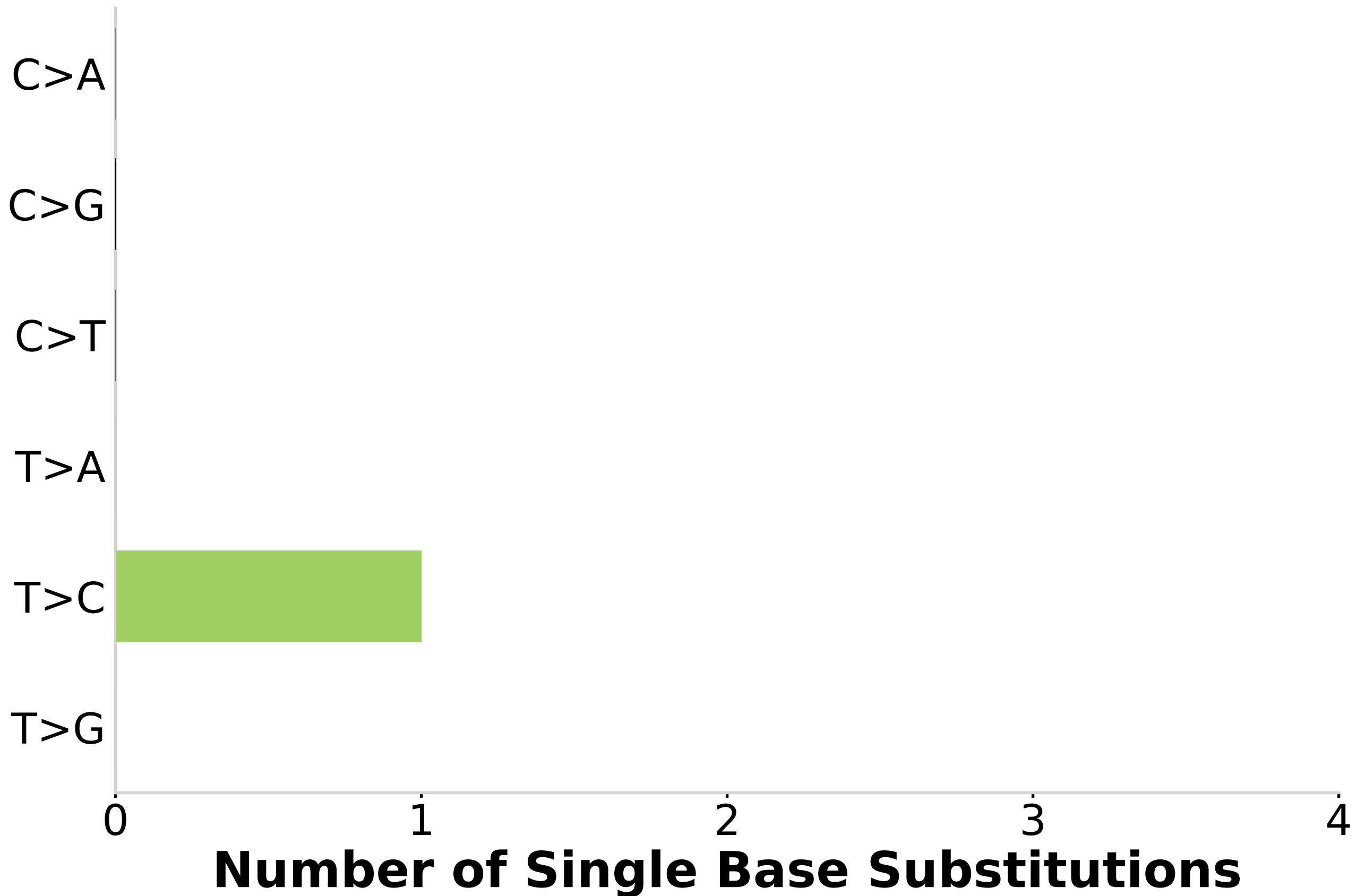
TCGA-D8-A1X7-01A-11D-A14K-09: 2 subs



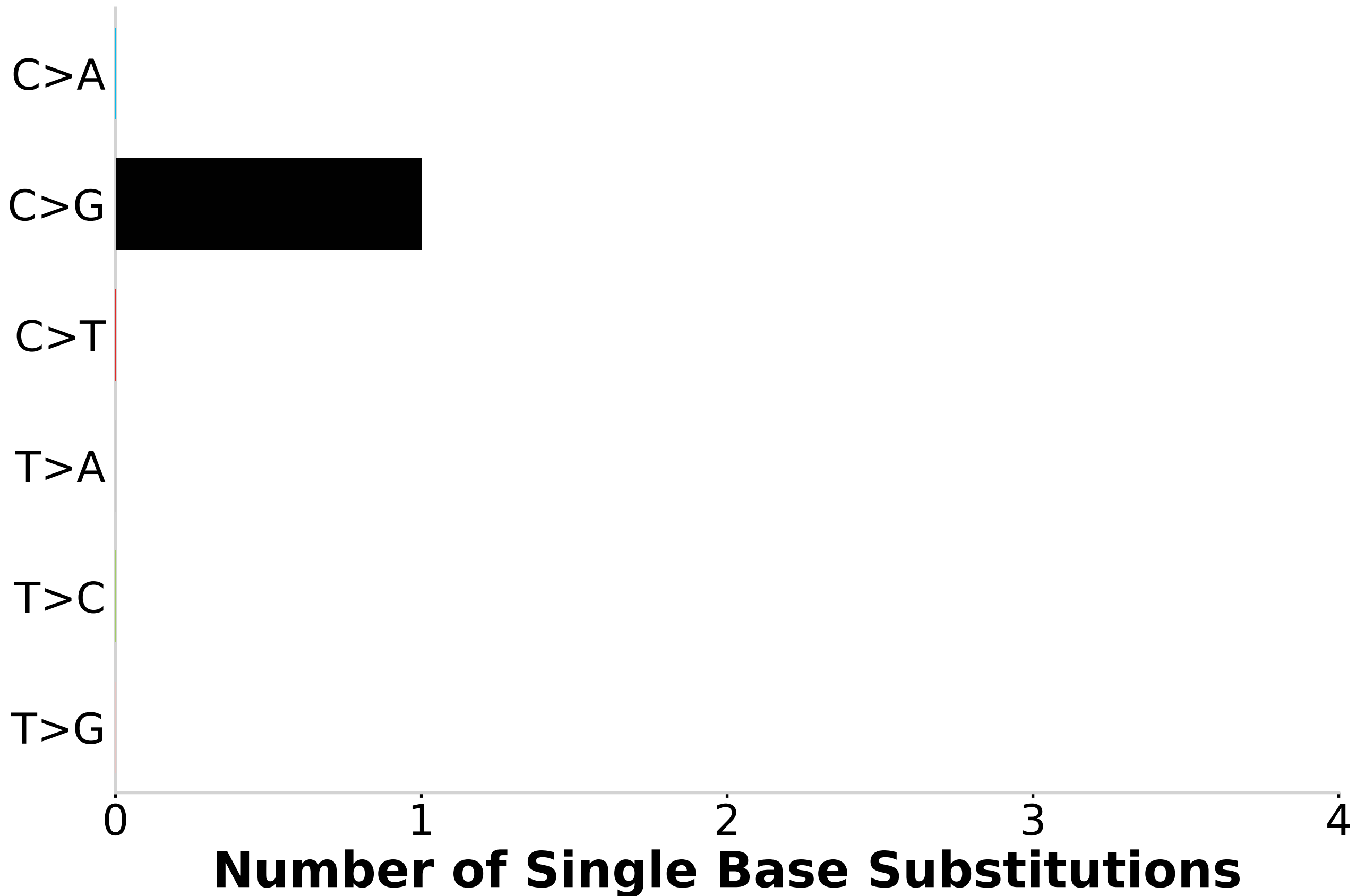
TCGA-D8-A1X9-01A-12D-A159-09: 5 subs



TCGA-D8-A1XA-01A-11D-A14G-09: 1 subs



TCGA-D8-A1XB-01A-11D-A14G-09: 1 subs



TCGA-D8-A1XJ-01A-11D-A14K-09: 4 subs

C>A

C>G

C>T

T>A

T>C

T>G

0

1

2

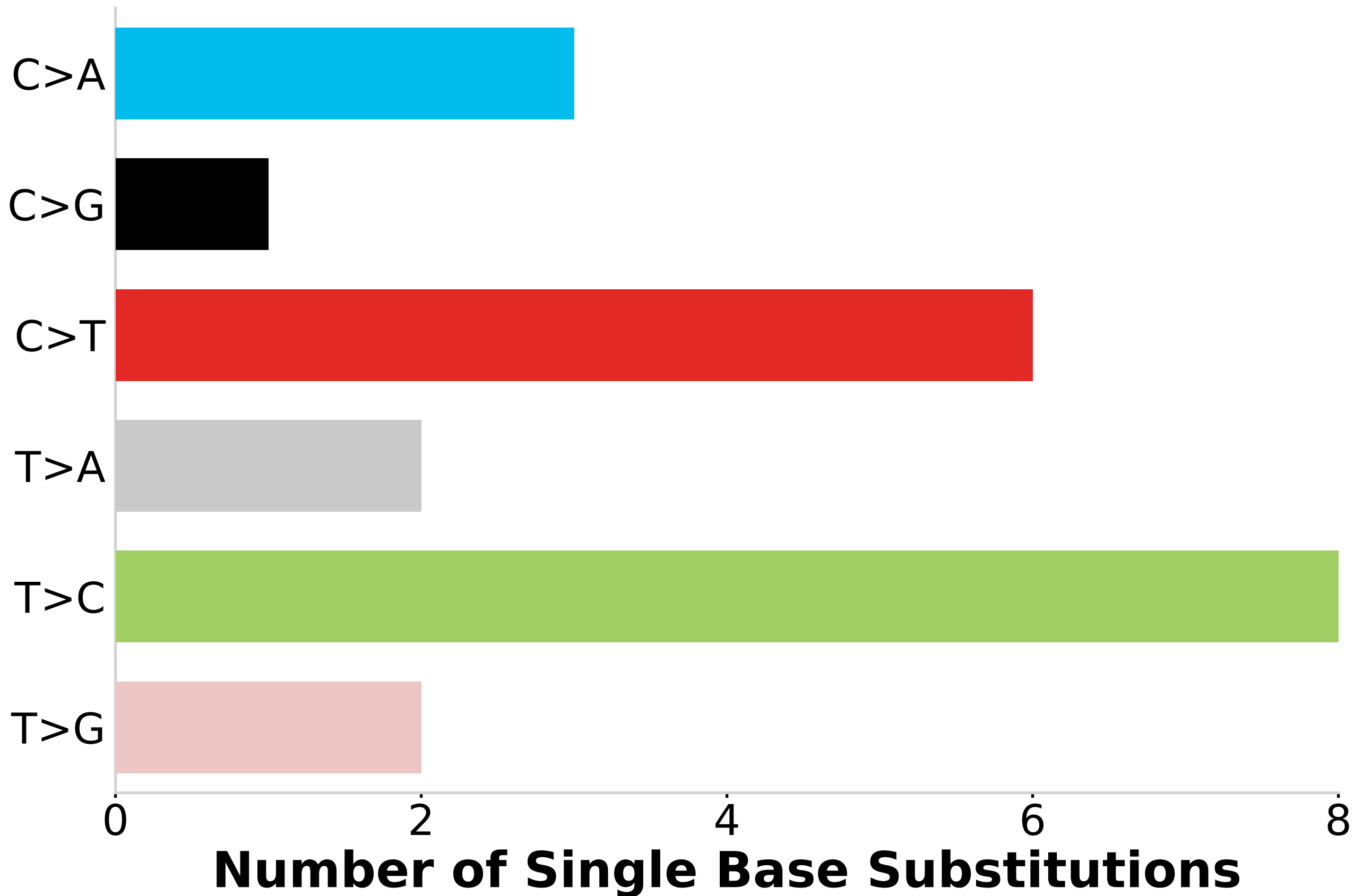
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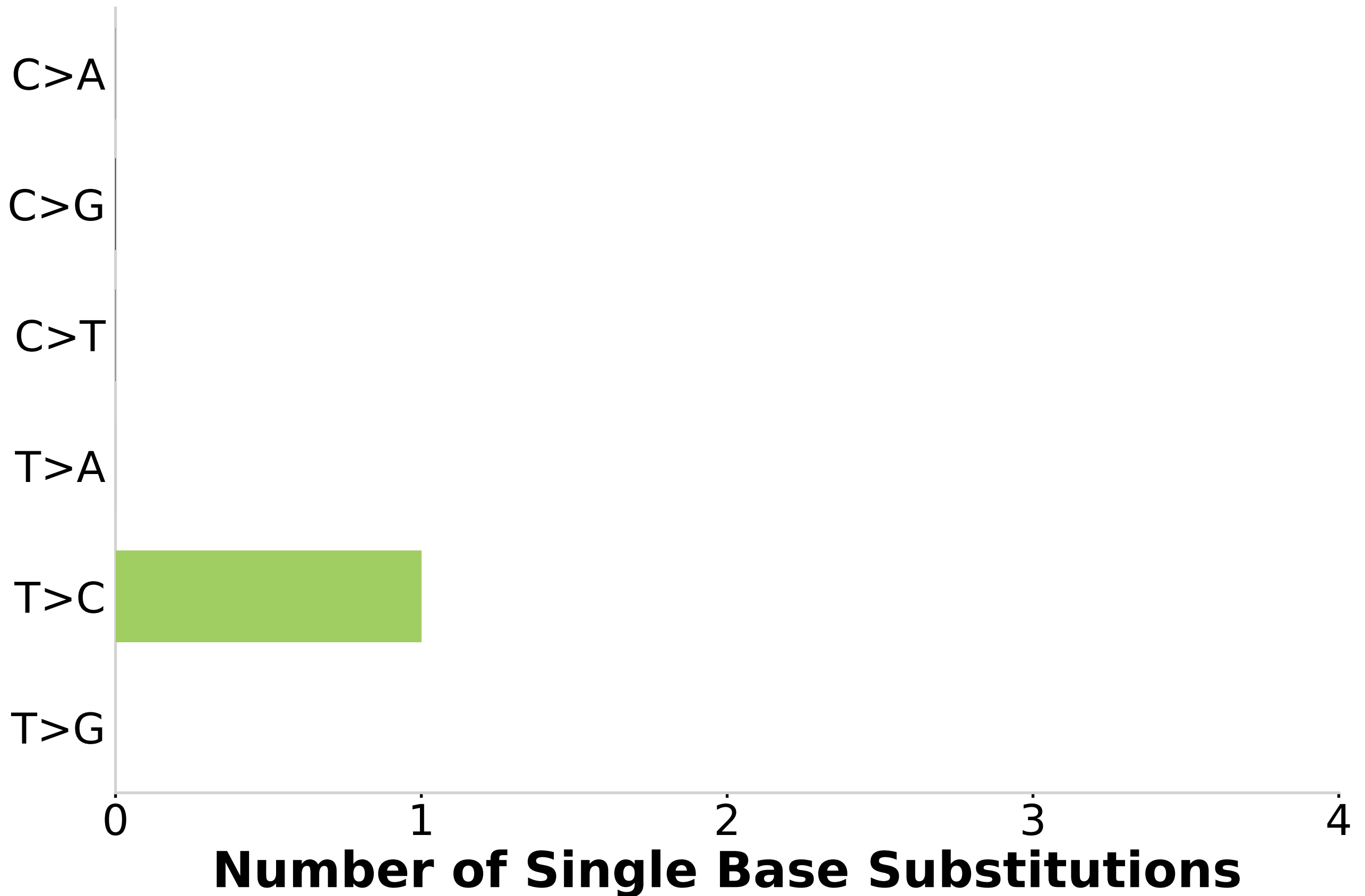
Number of Single Base Substitutions



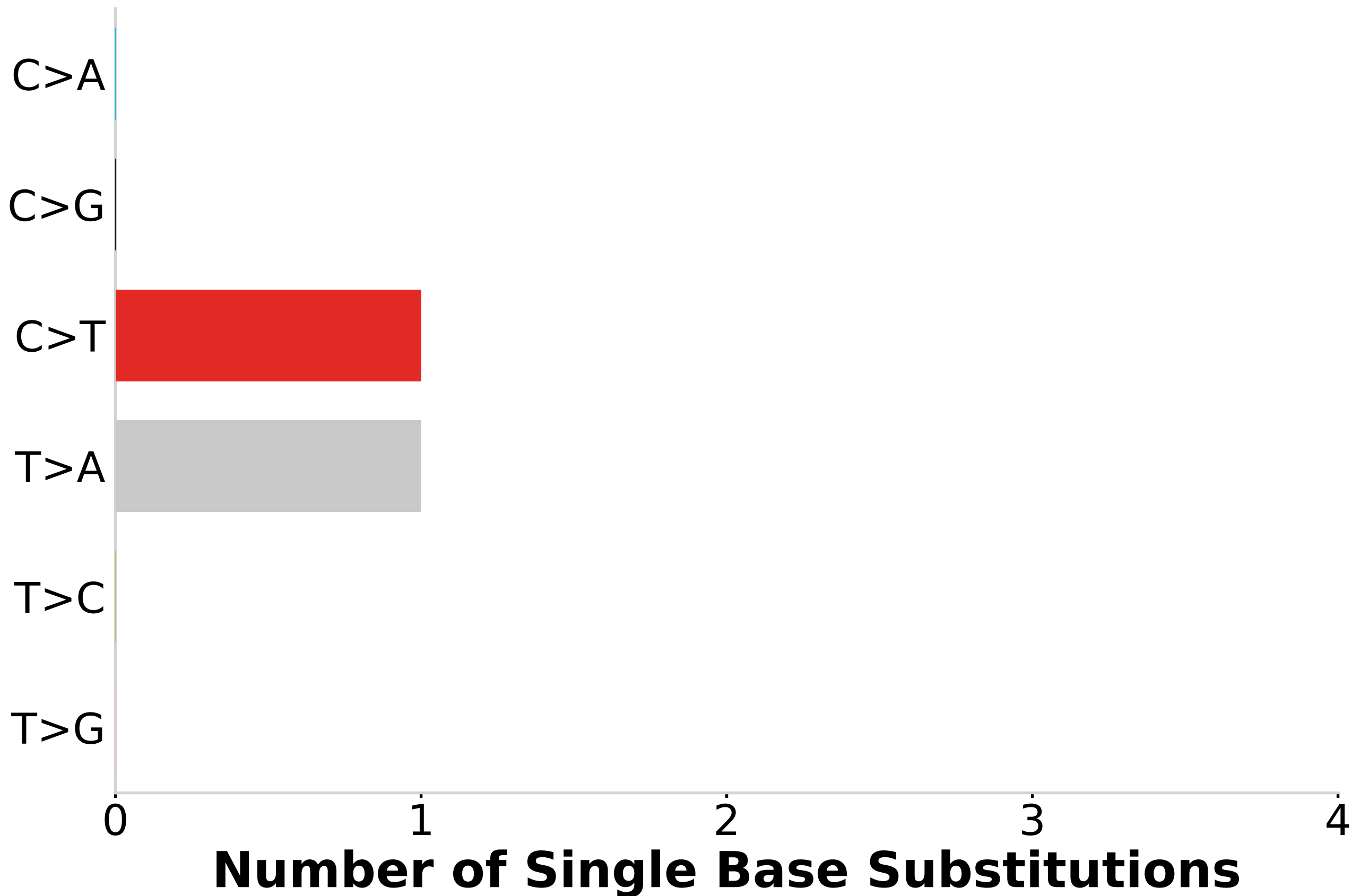
TCGA-D8-A1XK-01A-21D-A14K-09: 22 subs



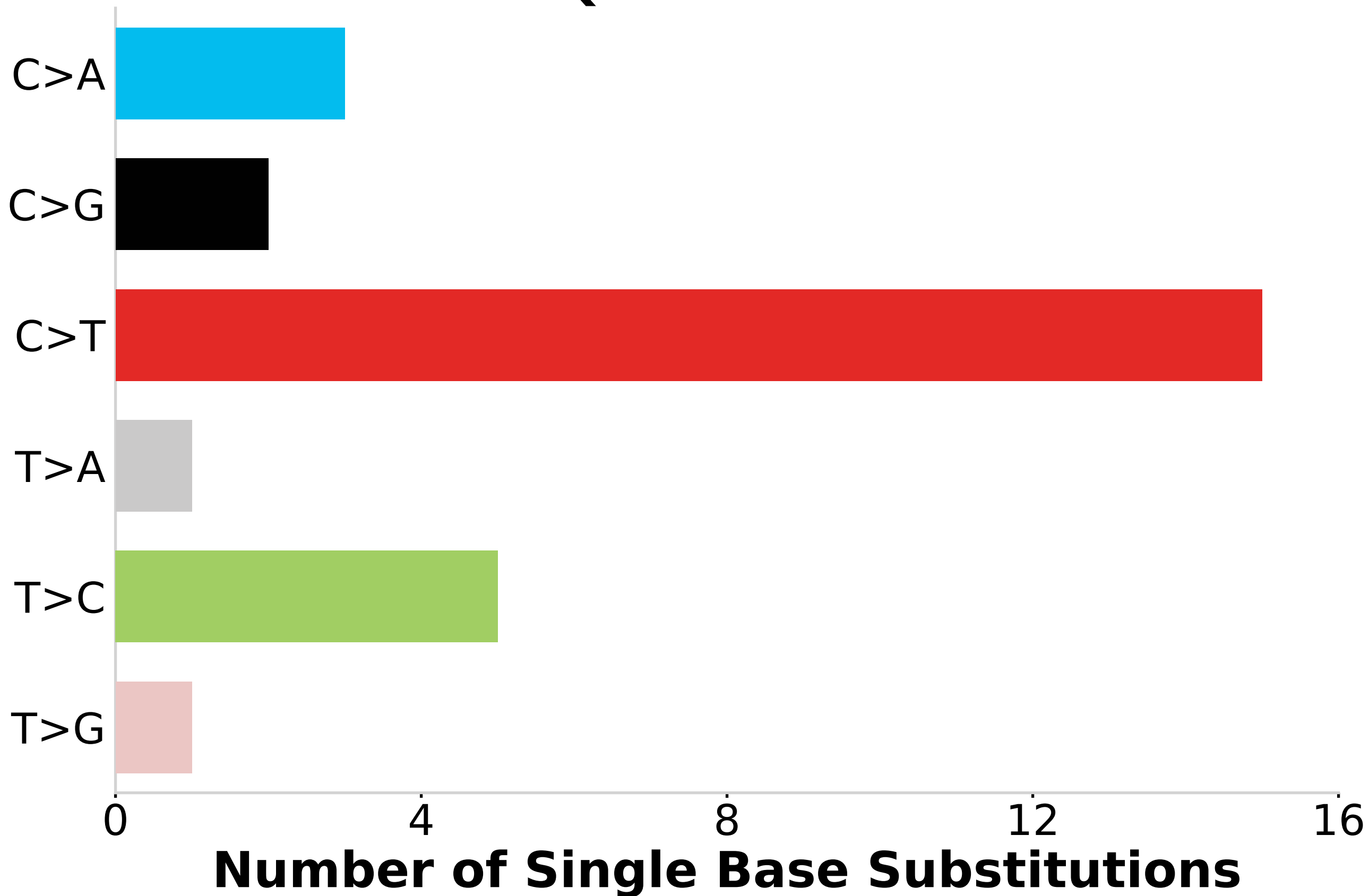
TCGA-D8-A1XL-01A-11D-A14K-09: 1 subs



TCGA-D8-A1XO-01A-11D-A14K-09: 2 subs



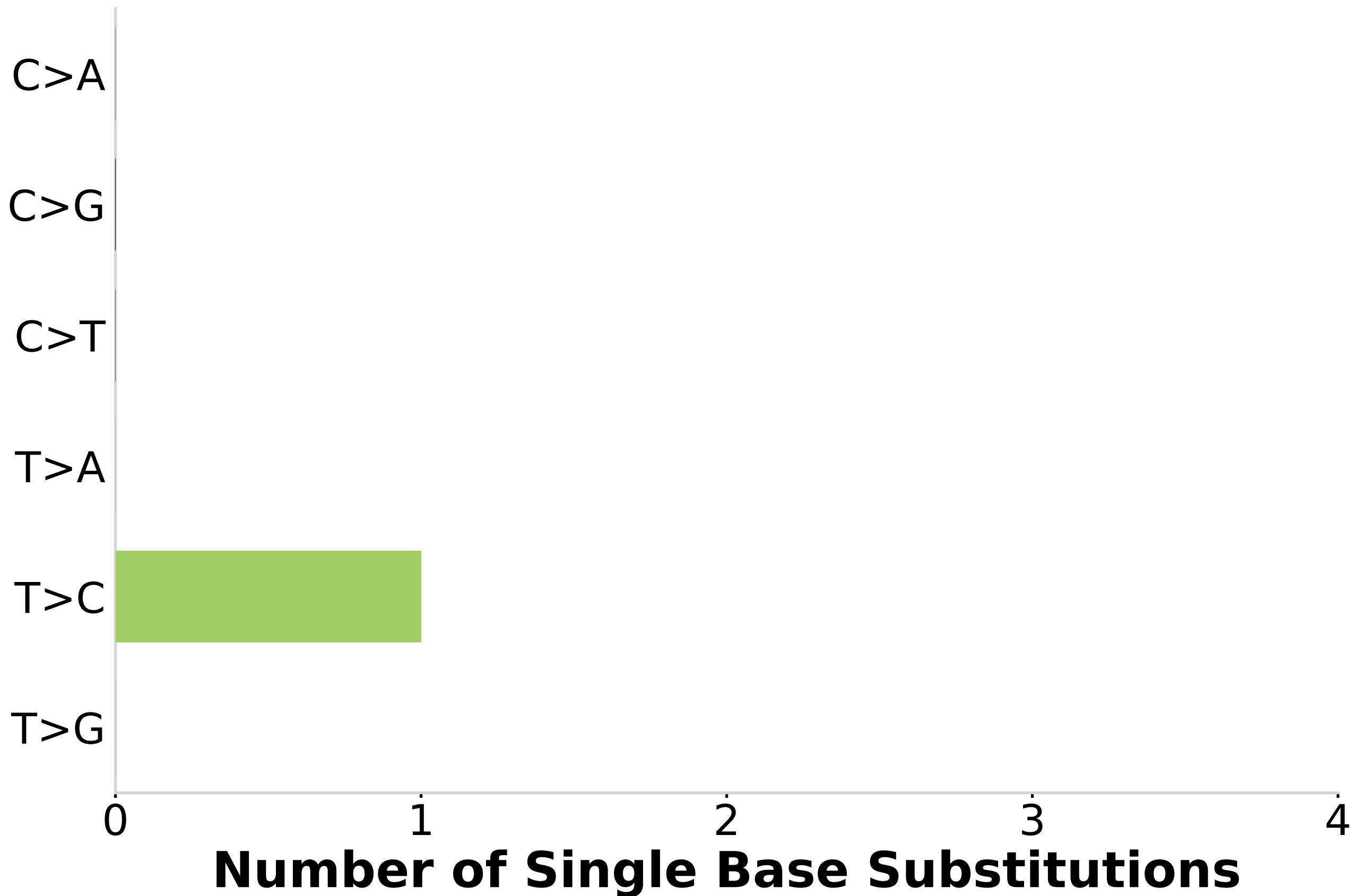
TCGA-D8-A1XQ-01A-11D-A14K-09: 27 subs



TCGA-D8-A1XR-01A-11D-A14K-09: 1 subs



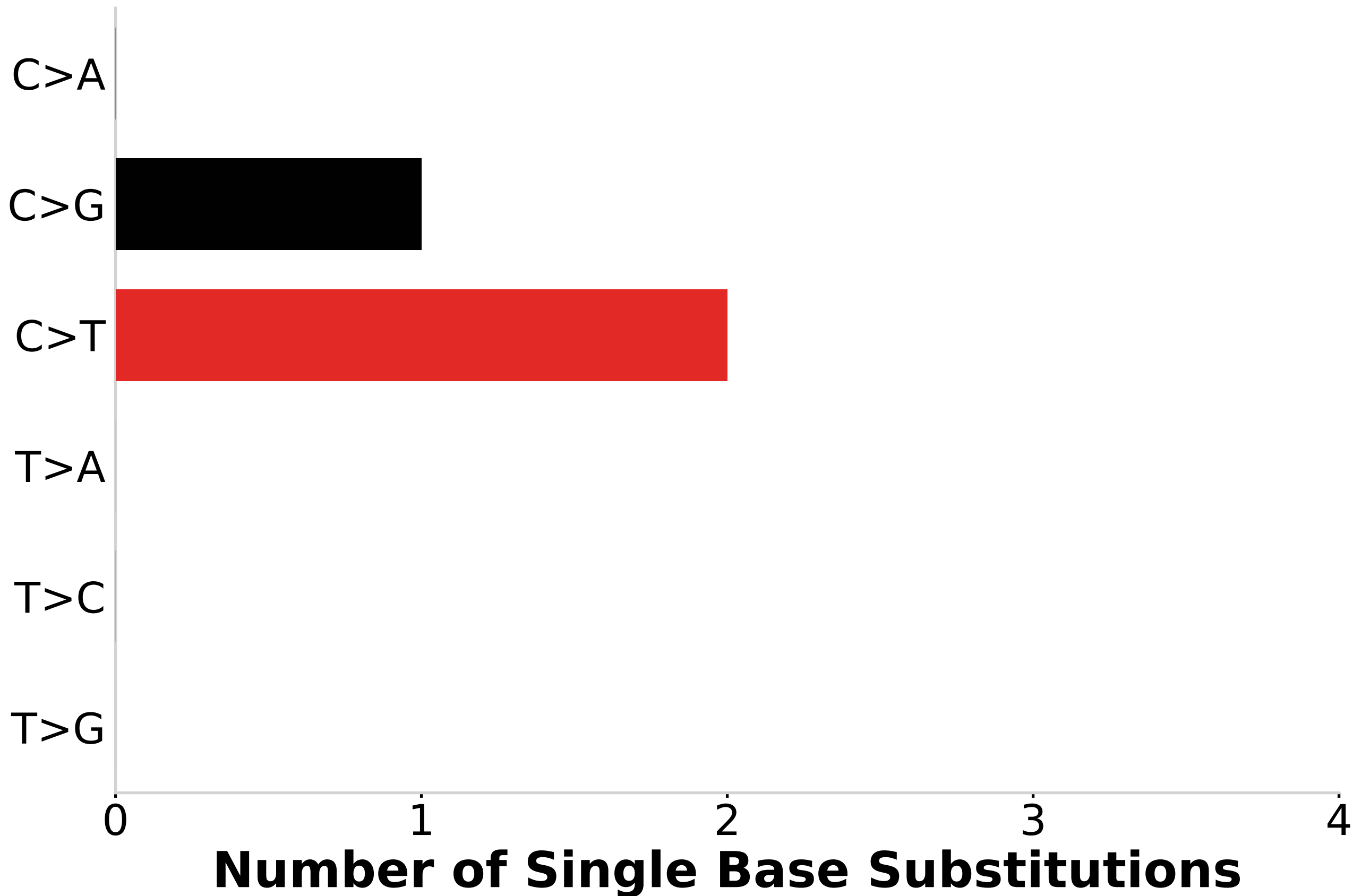
TCGA-D8-A1XT-01A-11D-A14K-09: 1 subs



TCGA-D8-A1XV-01A-11D-A14K-09: 1 subs



TCGA-D8-A1XW-01A-11D-A14K-09: 3 subs



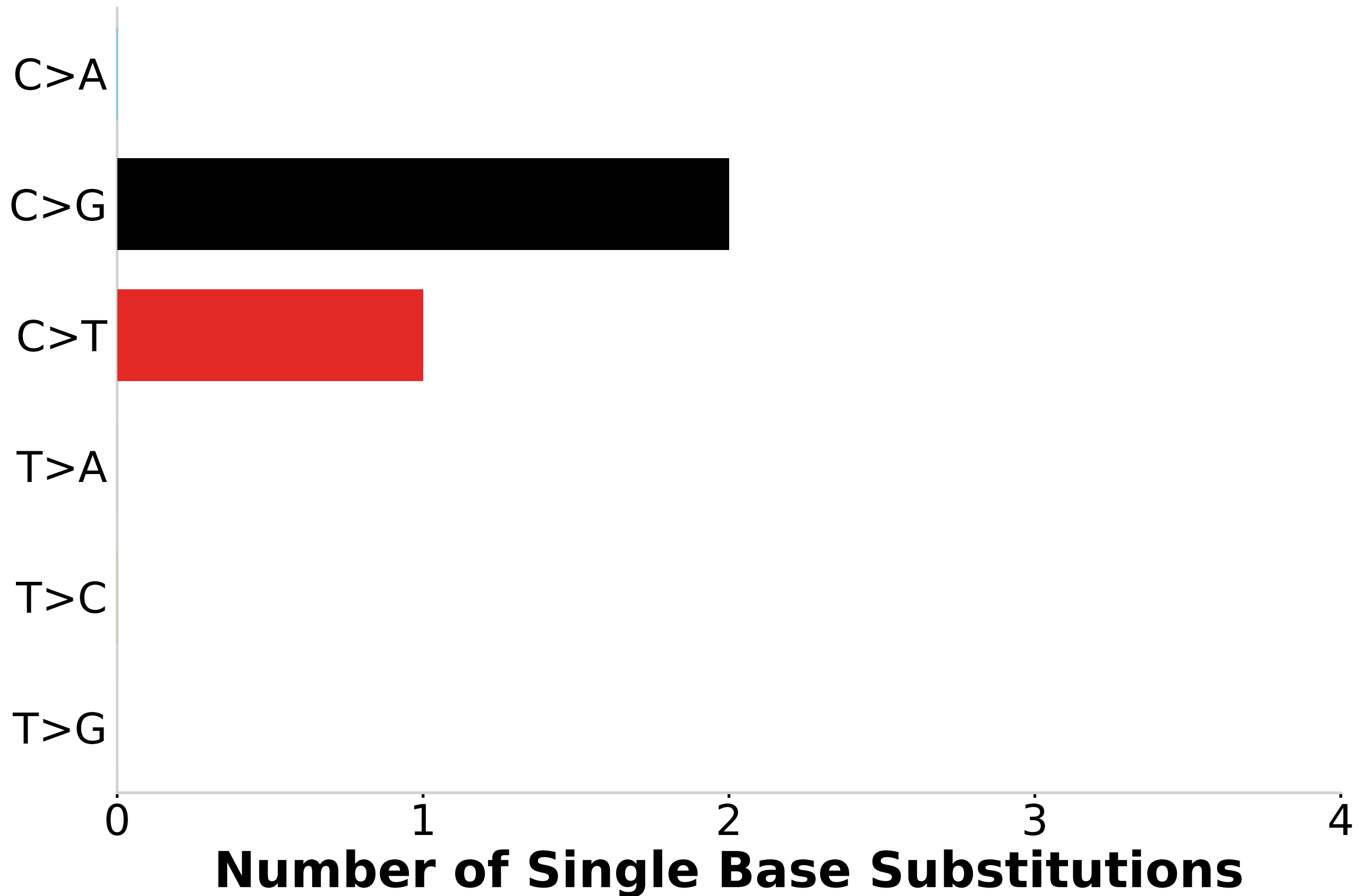
TCGA-D8-A1XY-01A-11D-A14K-09: 1 subs



TCGA-D8-A1XZ-01A-11D-A14K-09: 1 subs



TCGA-D8-A1Y0-01A-11D-A14K-09: 3 subs



TCGA-D8-A1Y1-01A-21D-A14K-09: 3 subs

C>A

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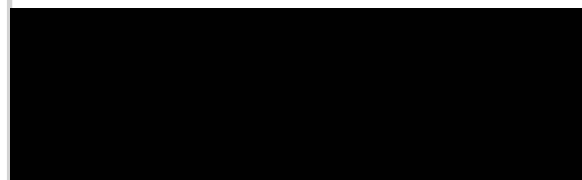
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Number of Single Base Substitutions



TCGA-D8-A1Y3-01A-11D-A159-09: 2 subs

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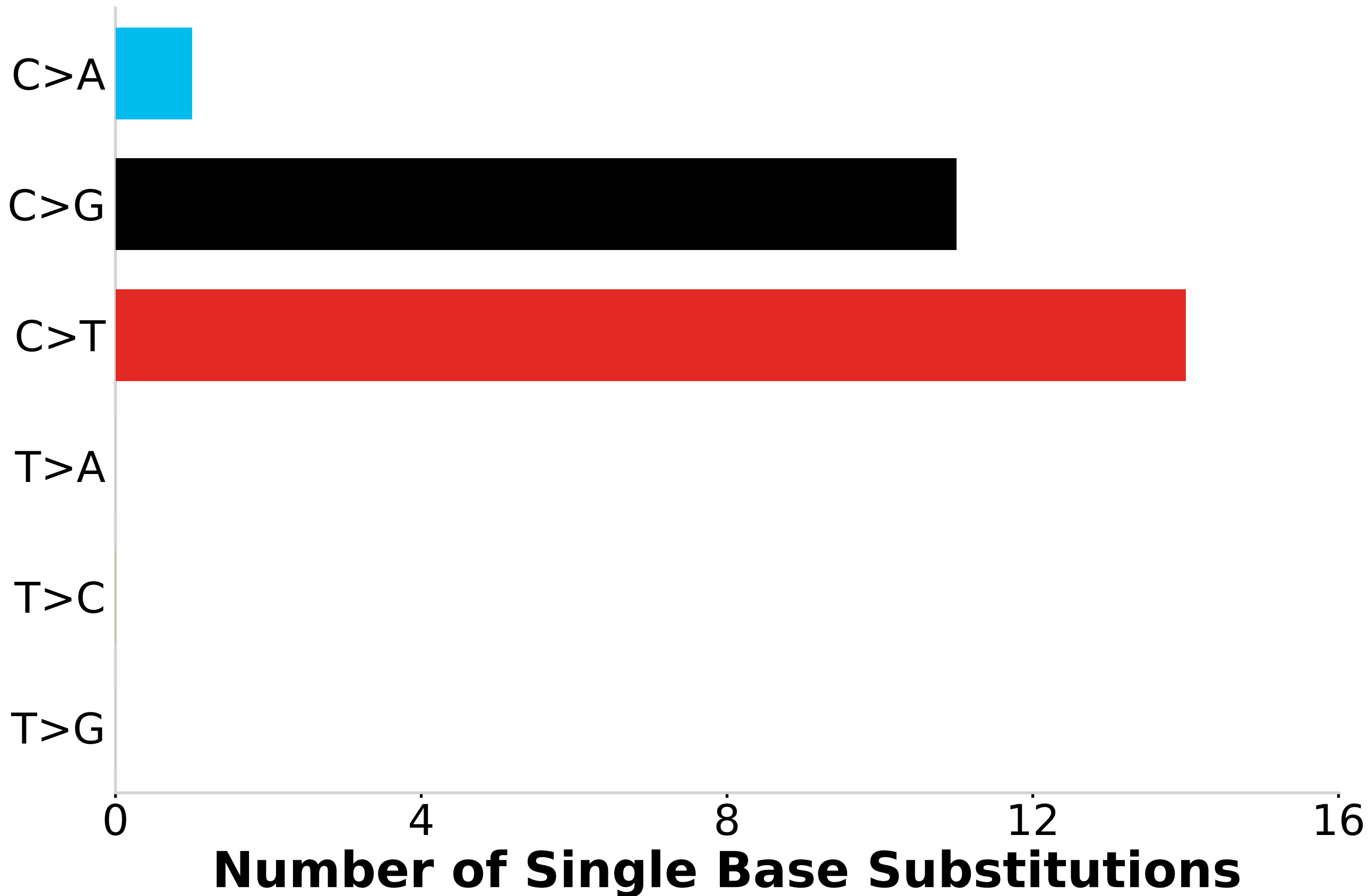
Number of Single Base Substitutions



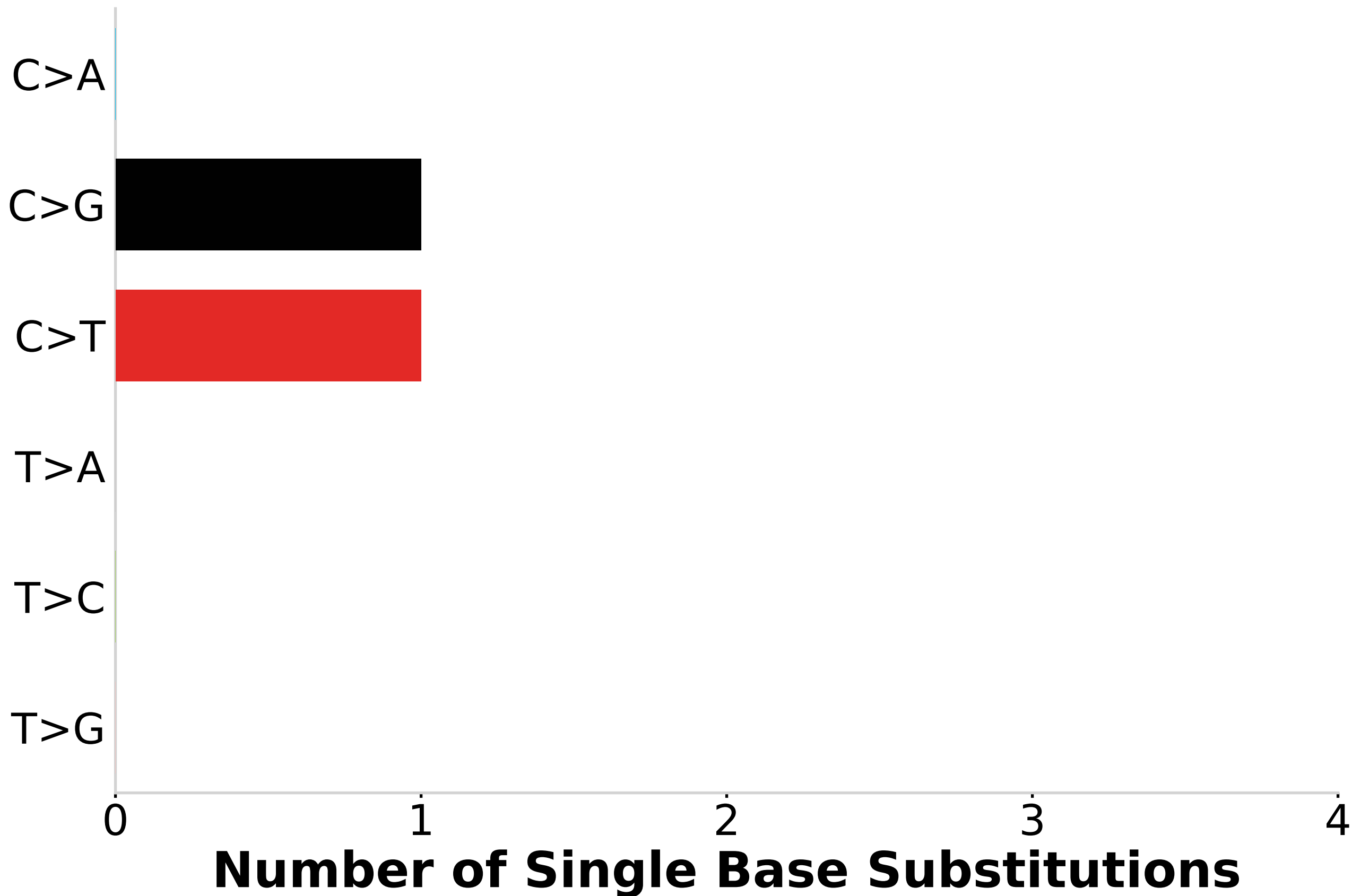
TCGA-D8-A27E-01A-11D-A16D-09: 1 subs



TCGA-D8-A27G-01A-11D-A16D-09: 26 subs



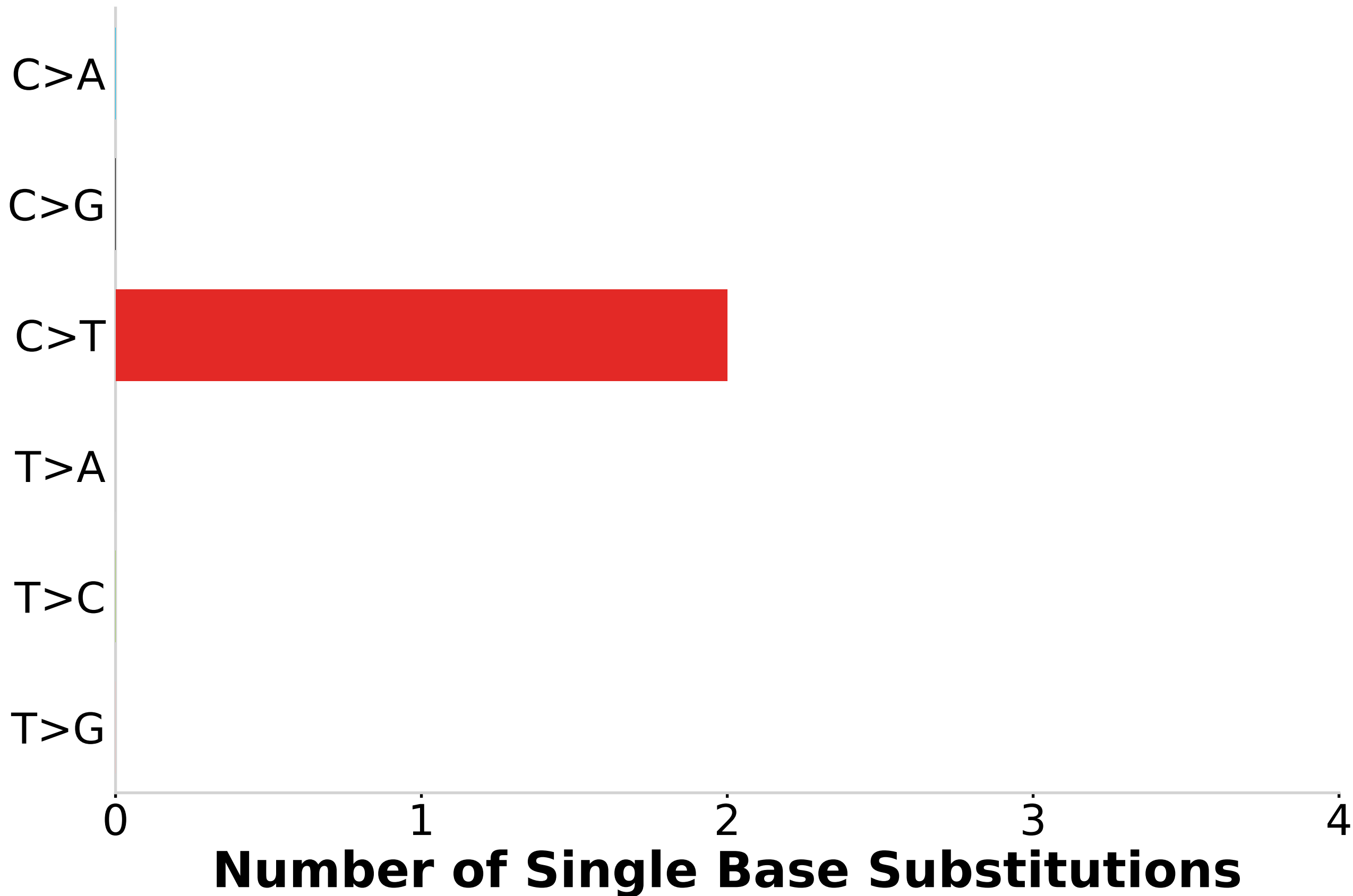
TCGA-D8-A27I-01A-11D-A16D-09: 2 subs



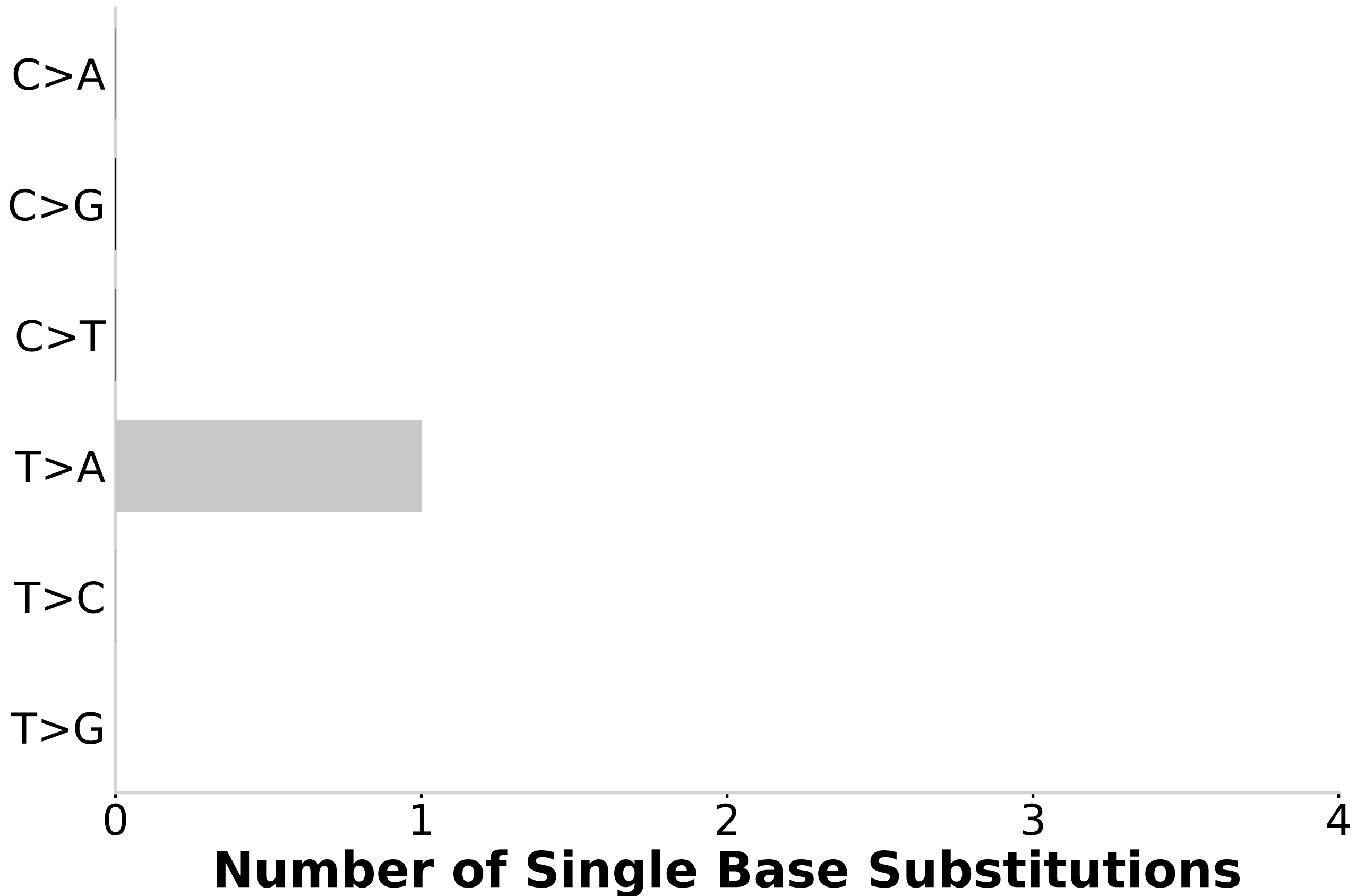
TCGA-D8-A27K-01A-11D-A16D-09: 1 subs



TCGA-D8-A27L-01A-11D-A16D-09: 2 subs



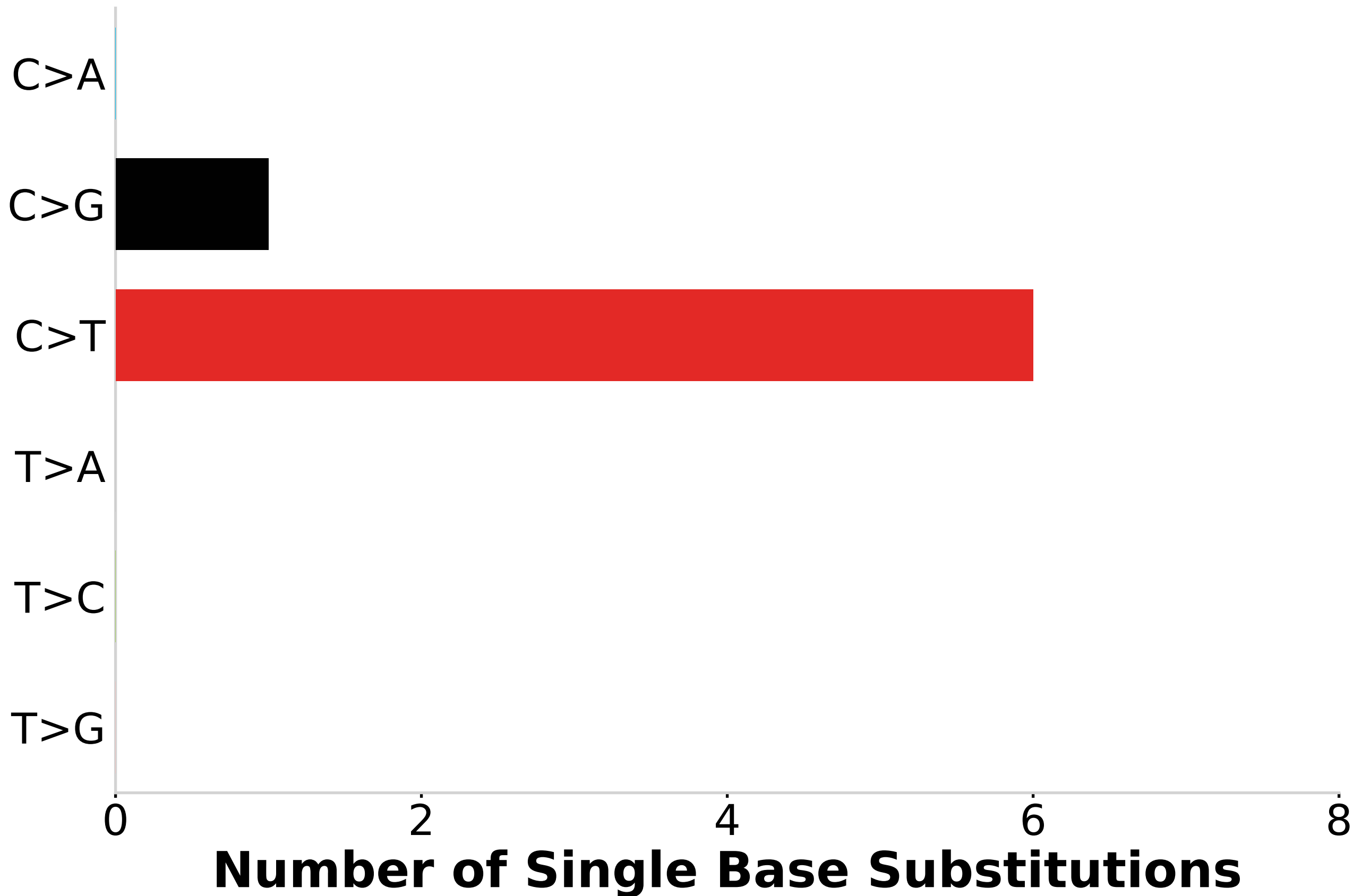
TCGA-D8-A27N-01A-11D-A16D-09: 1 subs



TCGA-D8-A27T-01A-11D-A16D-09: 1 subs



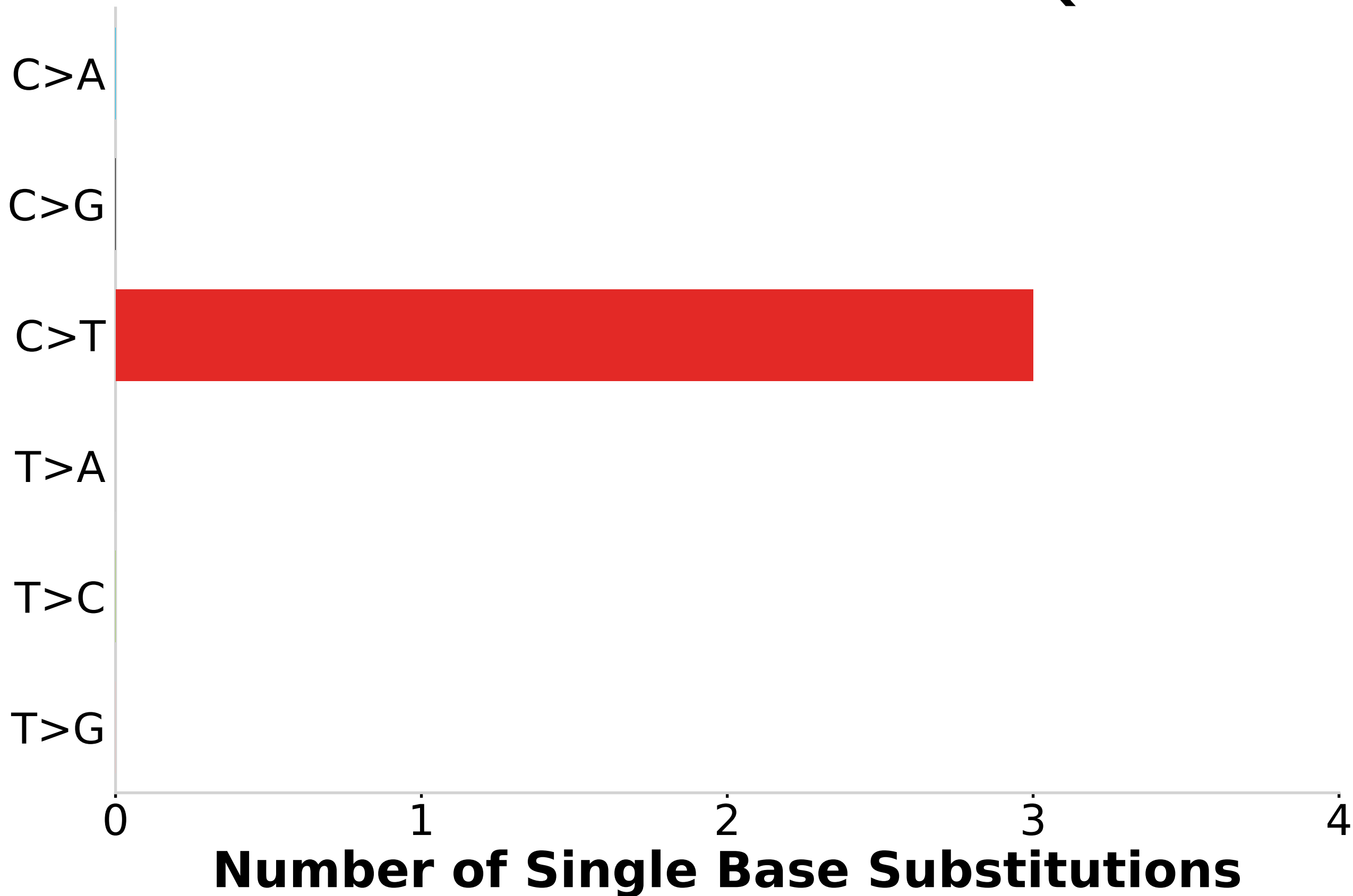
TCGA-D8-A27V-01A-12D-A17D-09: 7 subs



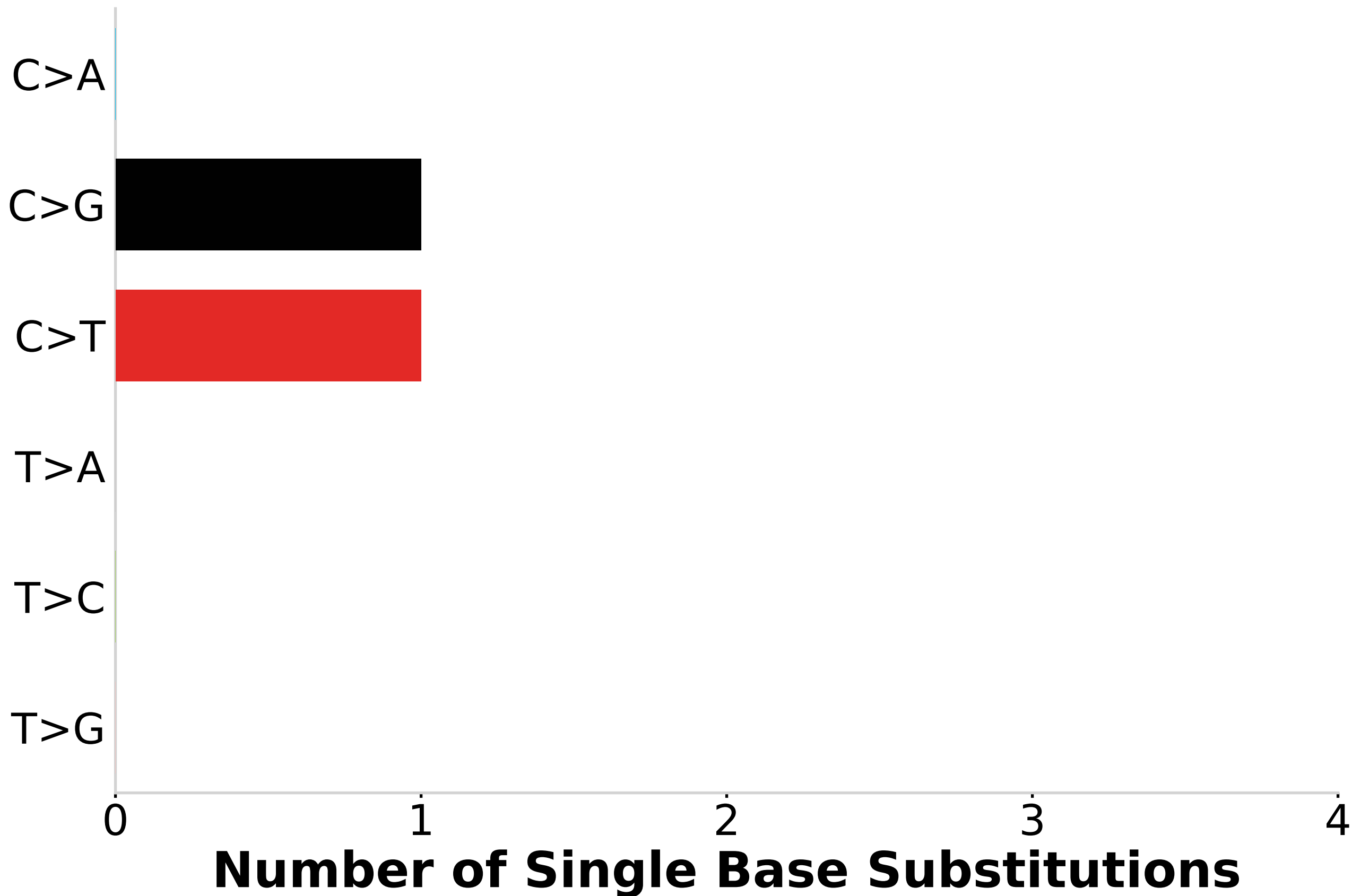
TCGA-D8-A3Z6-01A-11D-A23C-09: 1 subs



TCGA-D8-A4Z1-01A-21D-A25Q-09: 3 subs



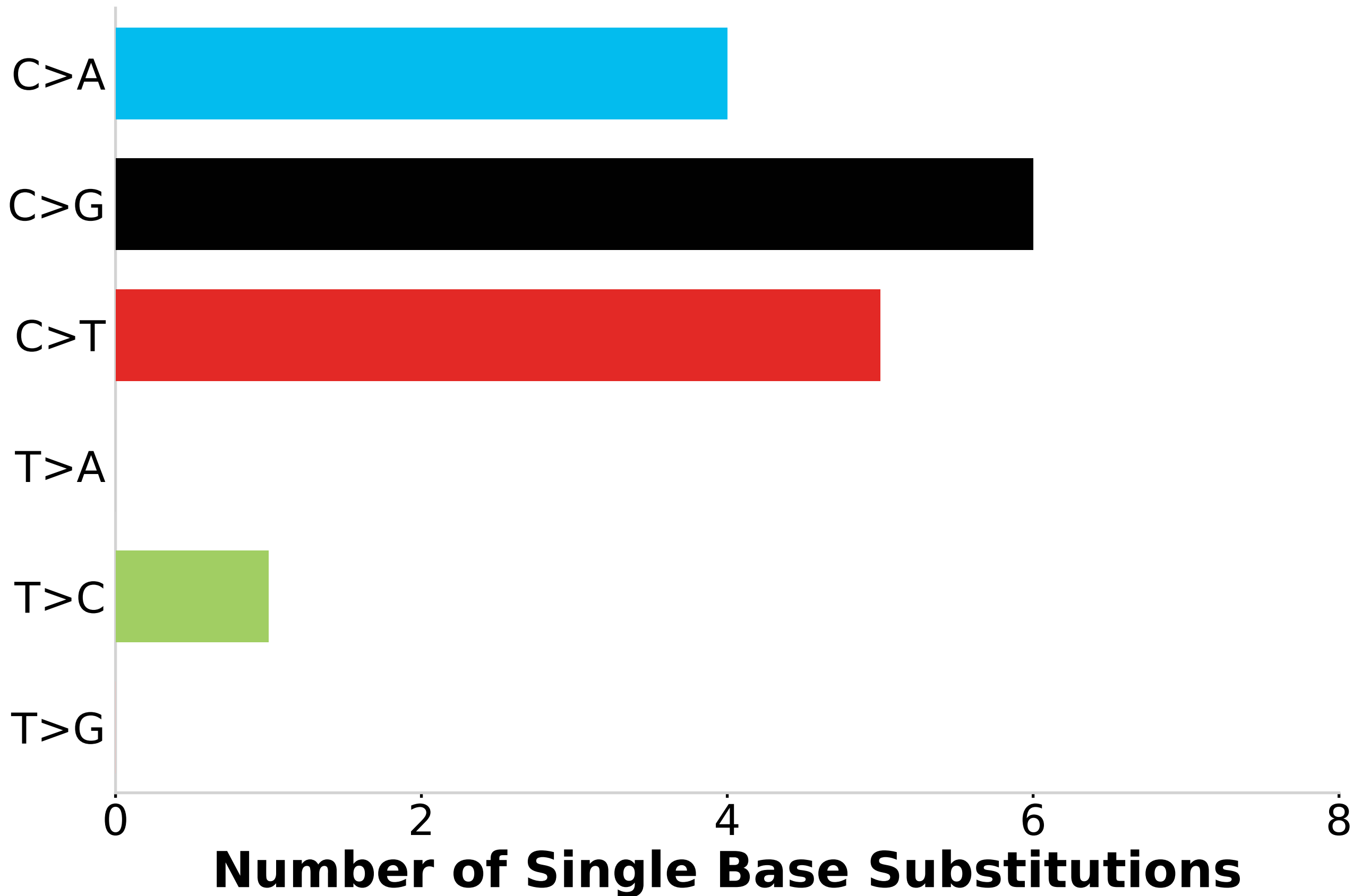
TCGA-D8-A73U-01A-11D-A33E-09: 2 subs



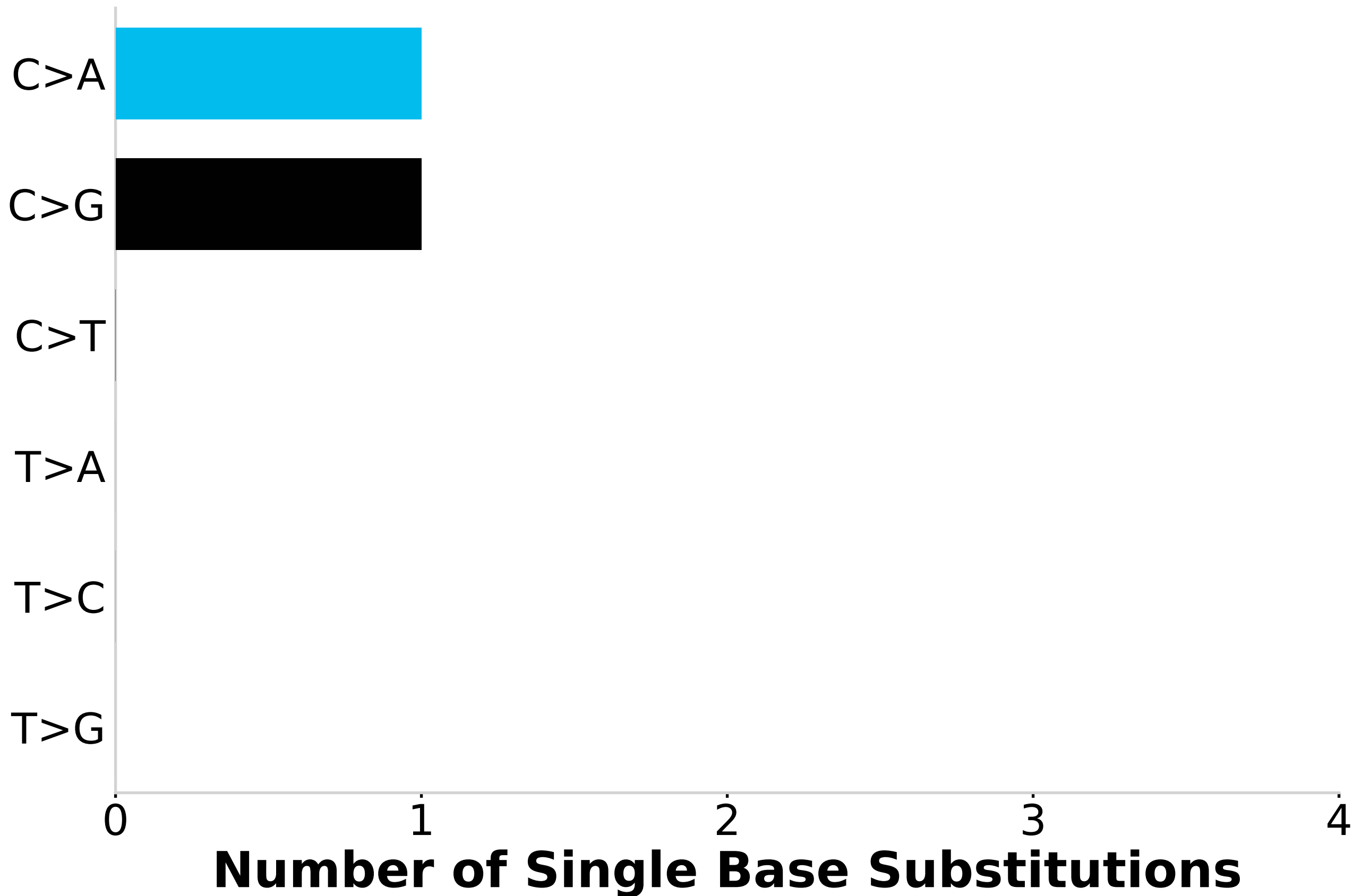
TCGA-D8-A73X-01A-11D-A32I-09: 1 subs



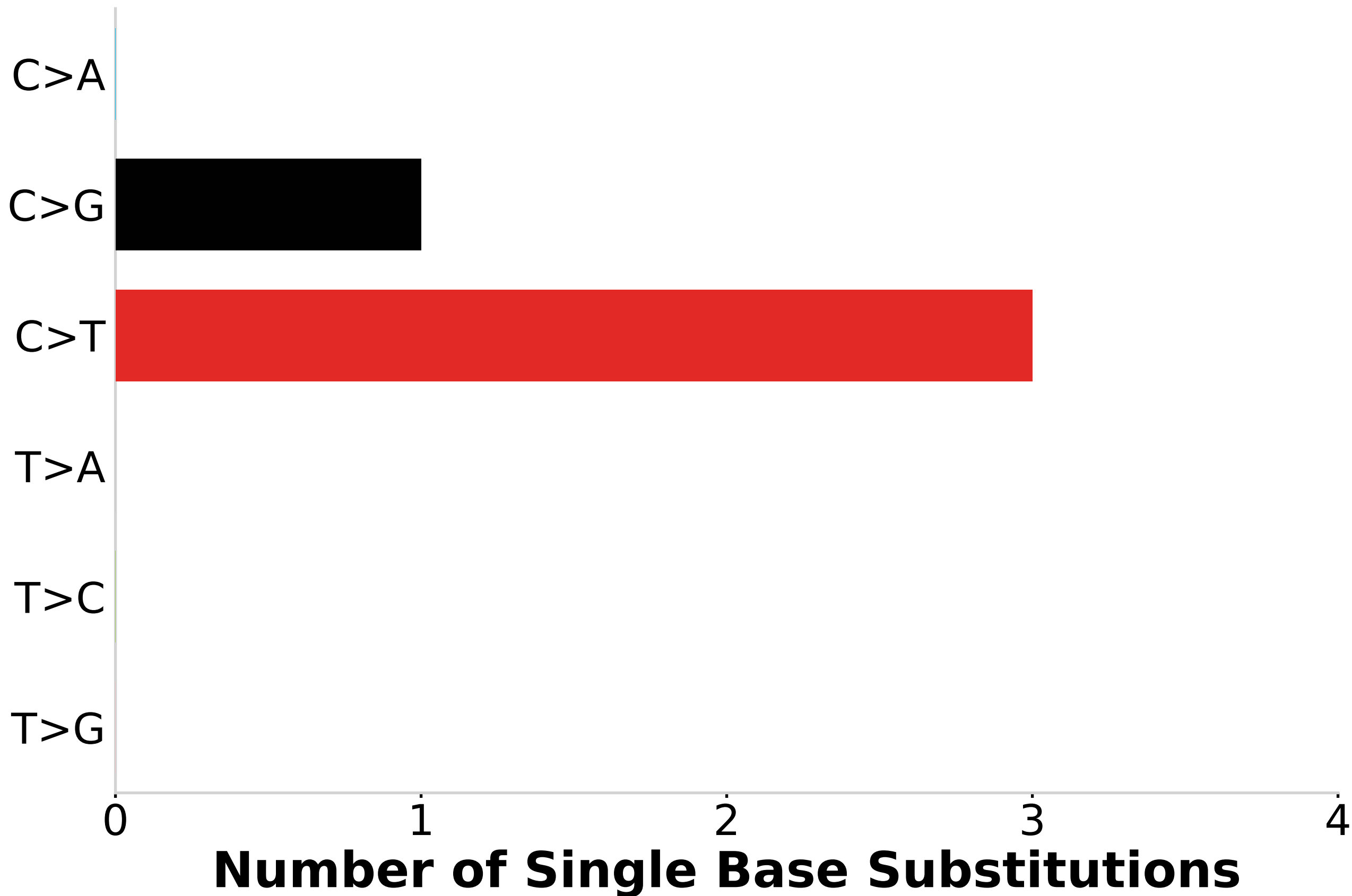
TCGA-E2-A10C-01A-21D-A10M-09: 16 subs



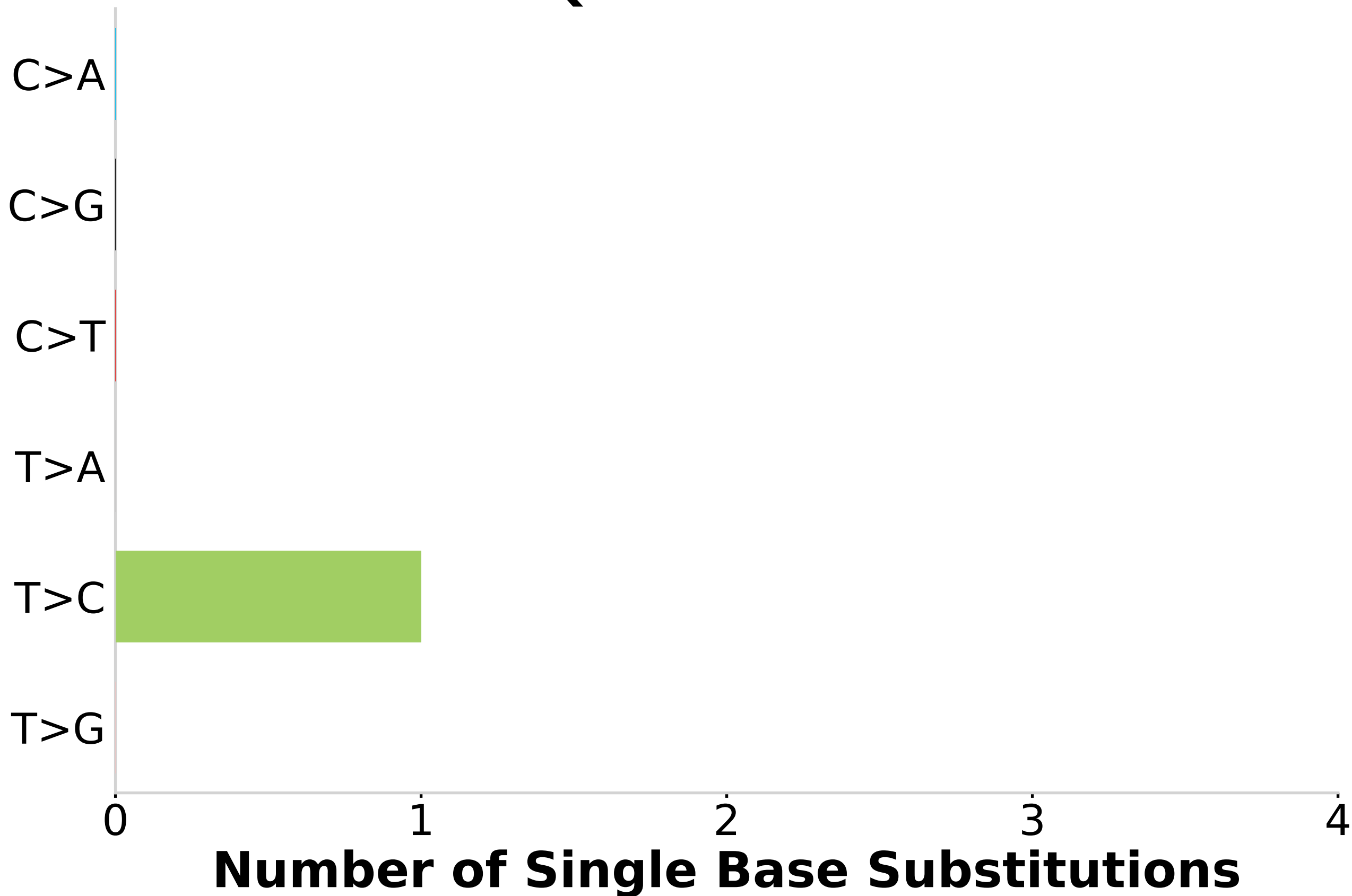
TCGA-E2-A140-01A-31D-A10Y-09: 2 subs



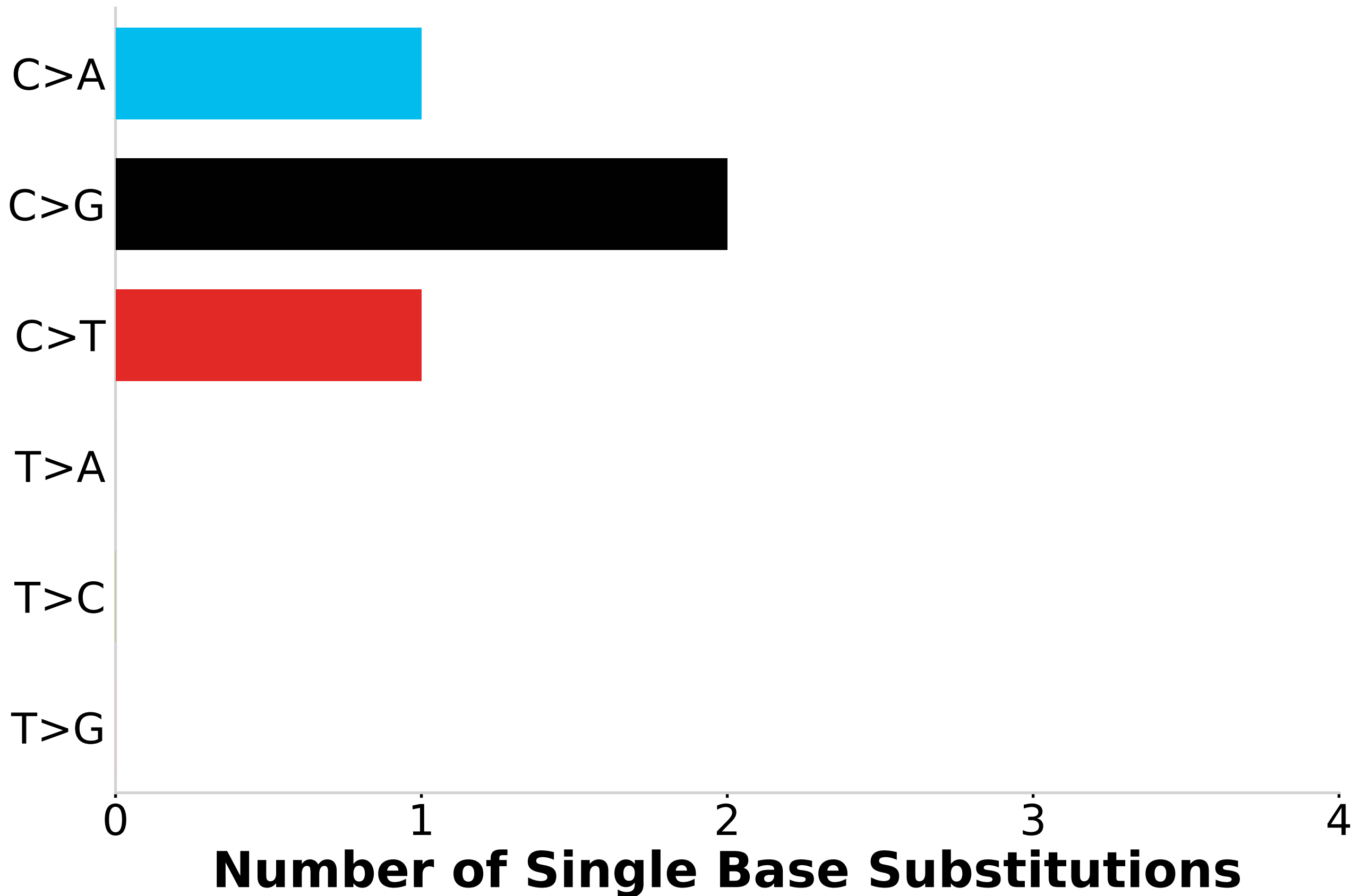
TCGA-E2-A14P-01A-31D-A12B-09: 4 subs



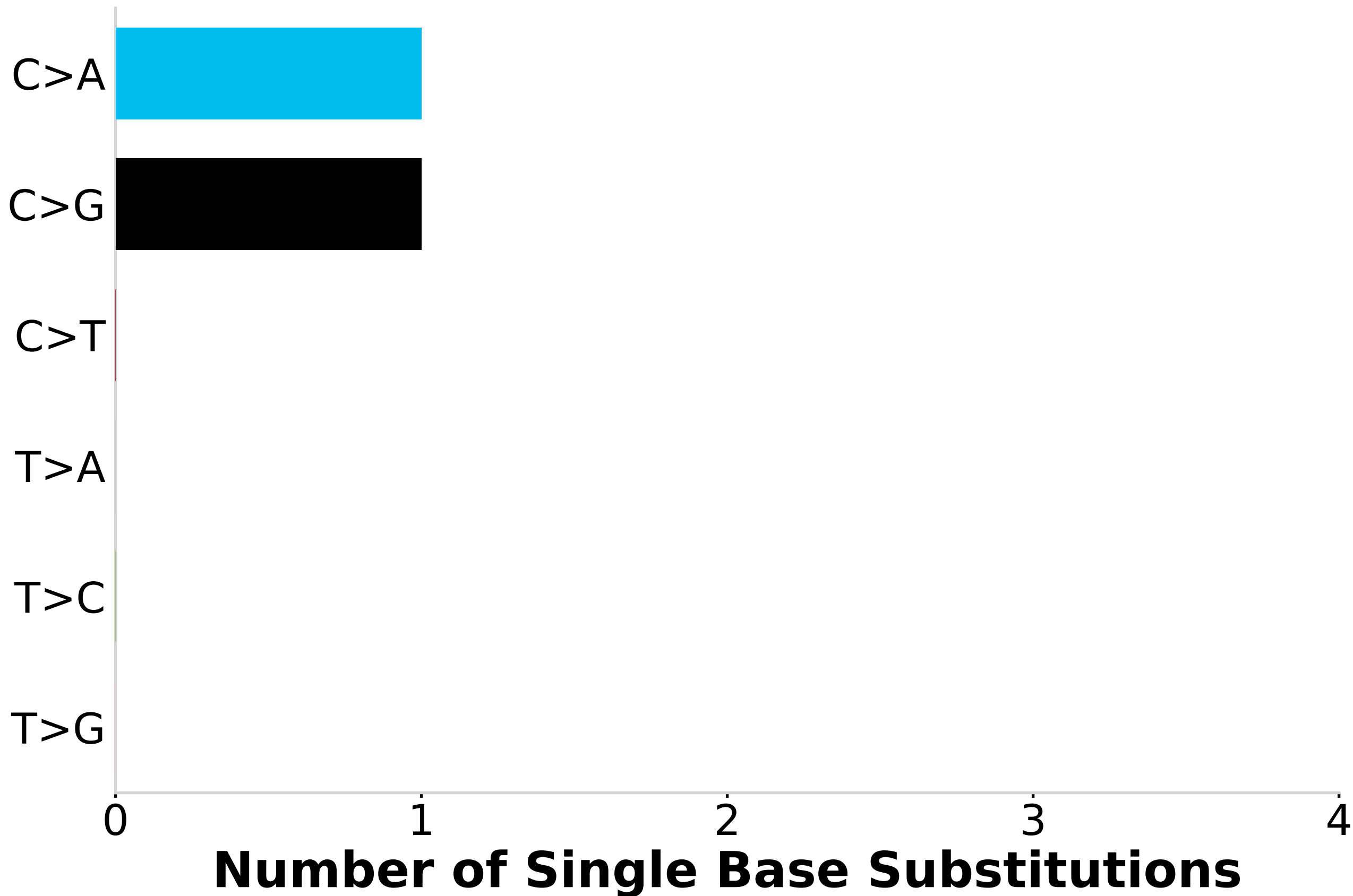
TCGA-E2-A14Q-01A-11D-A12B-09: 1 subs



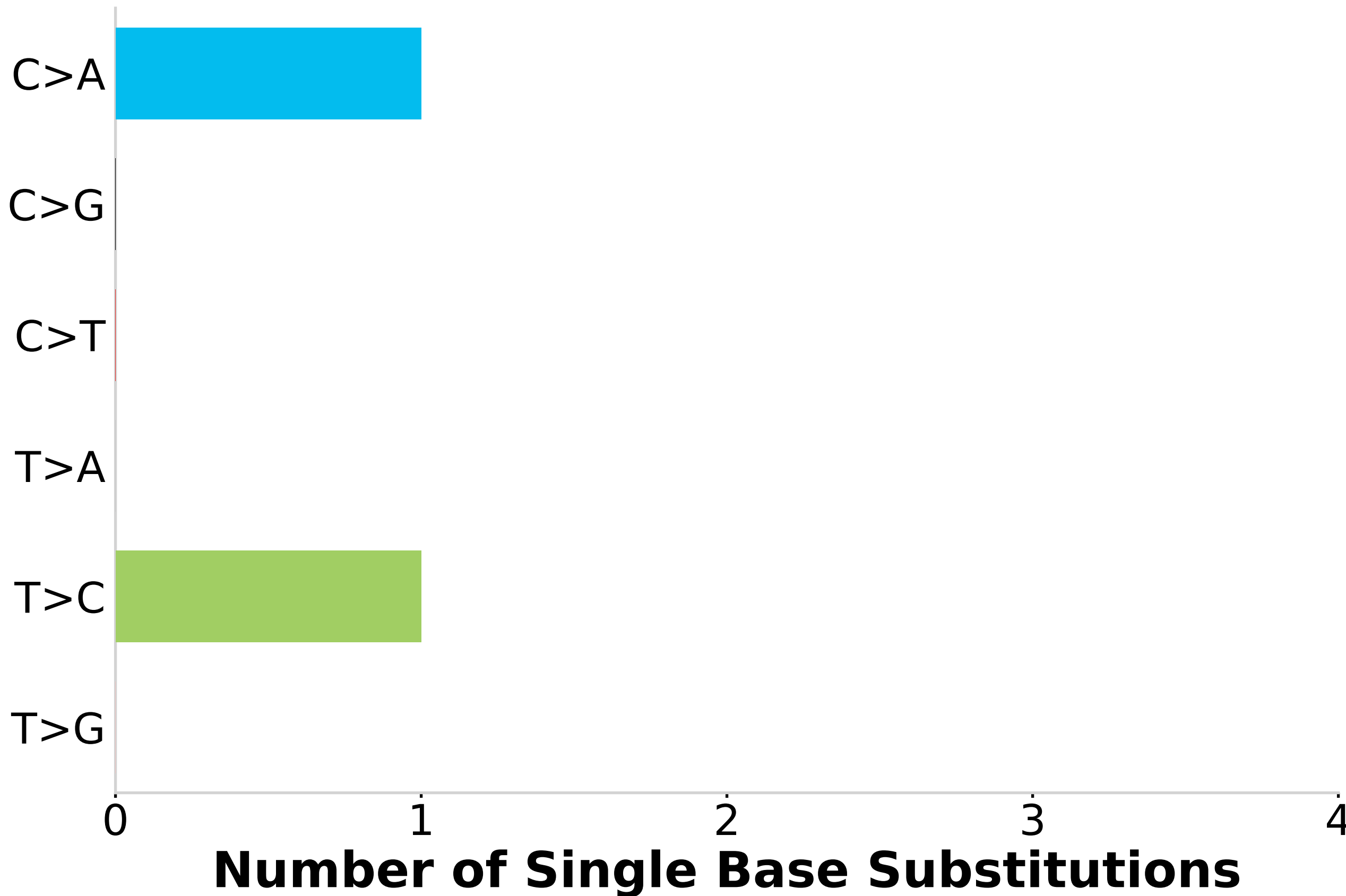
TCGA-E2-A14R-01A-11D-A10Y-09: 4 subs



TCGA-E2-A14T-01A-11D-A10Y-09: 2 subs



TCGA-E2-A14V-01A-11D-A12B-09: 2 subs



TCGA-E2-A14W-01A-11D-A12B-09: 2 subs

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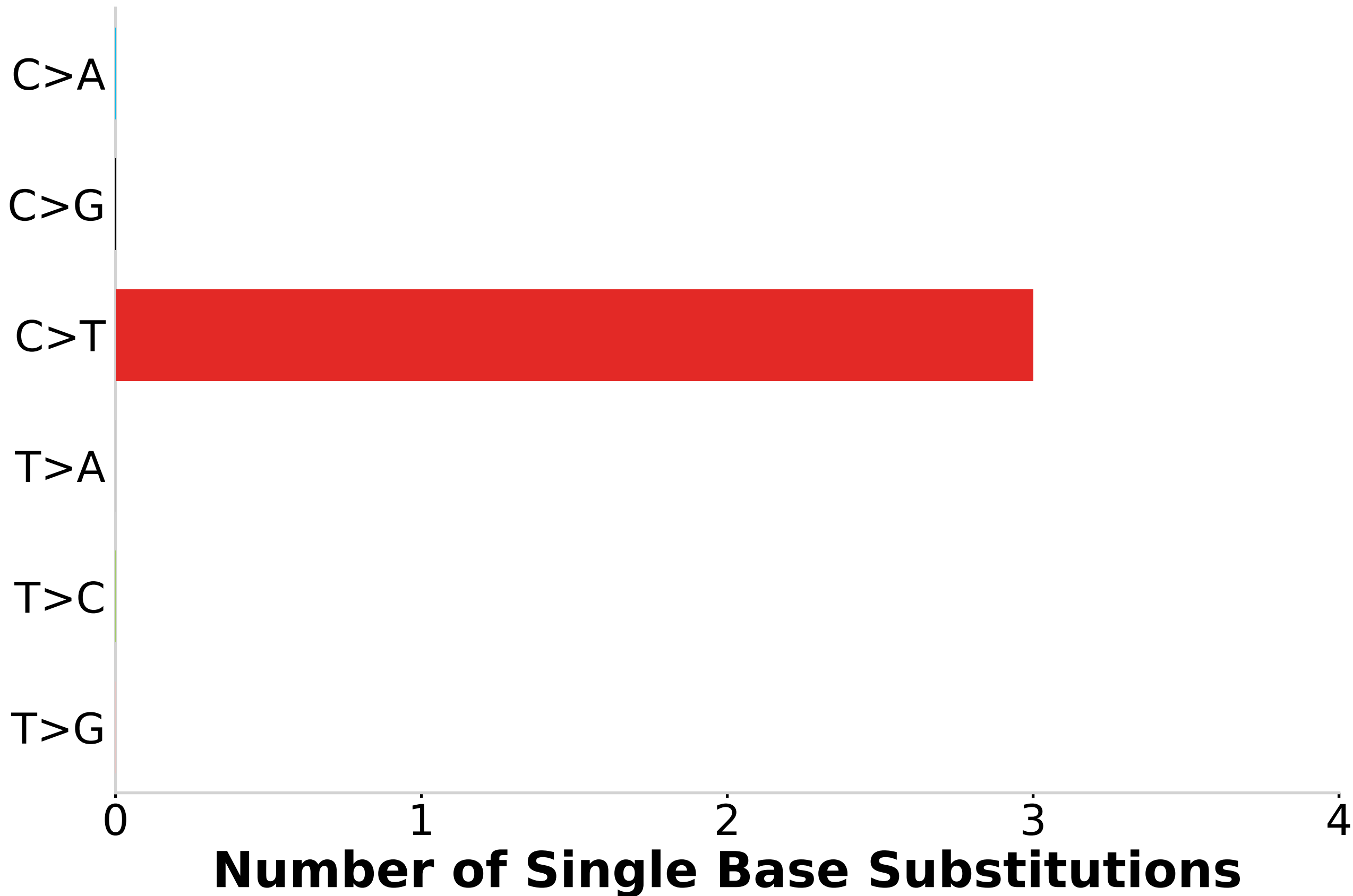
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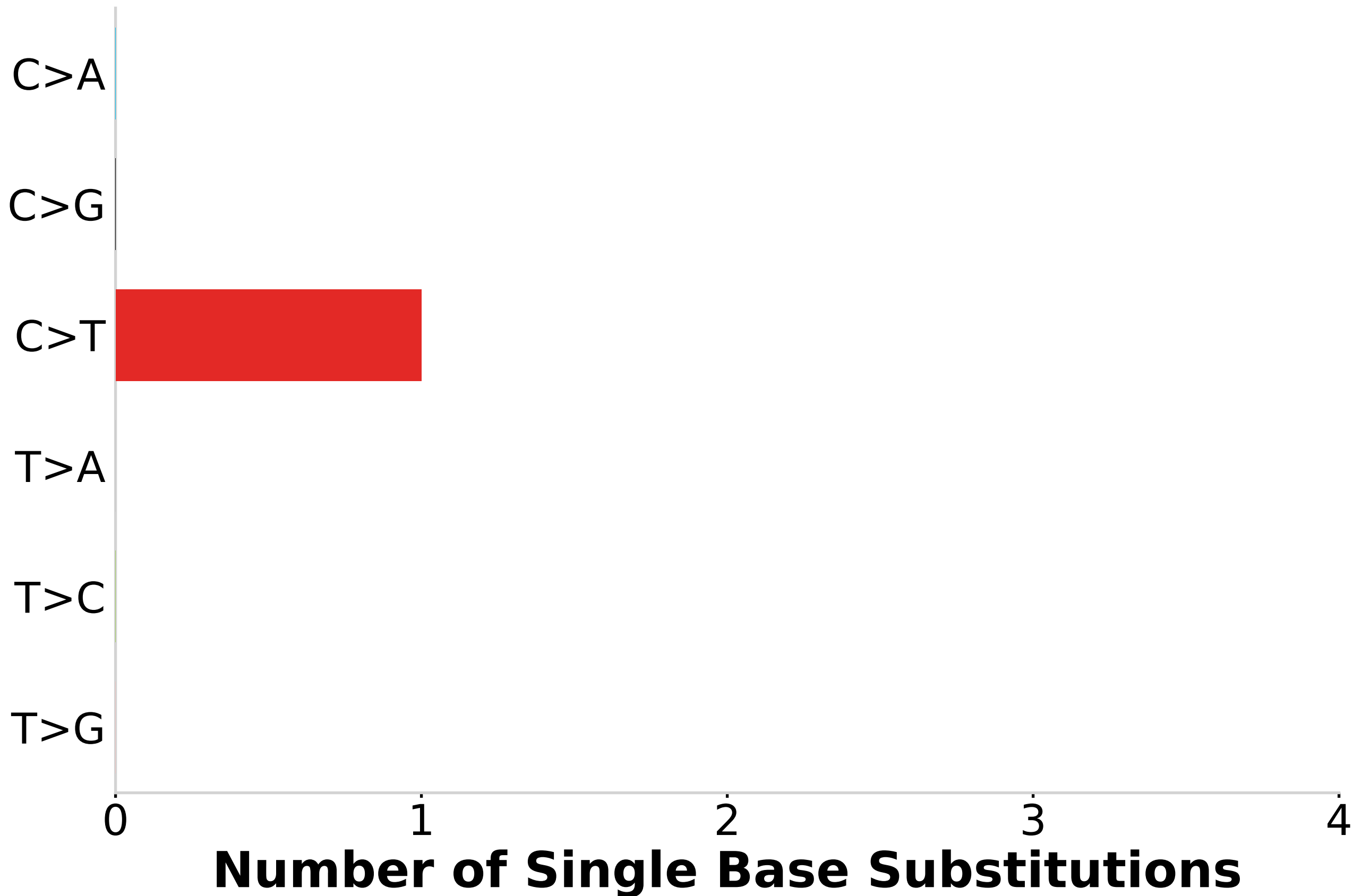
Number of Single Base Substitutions



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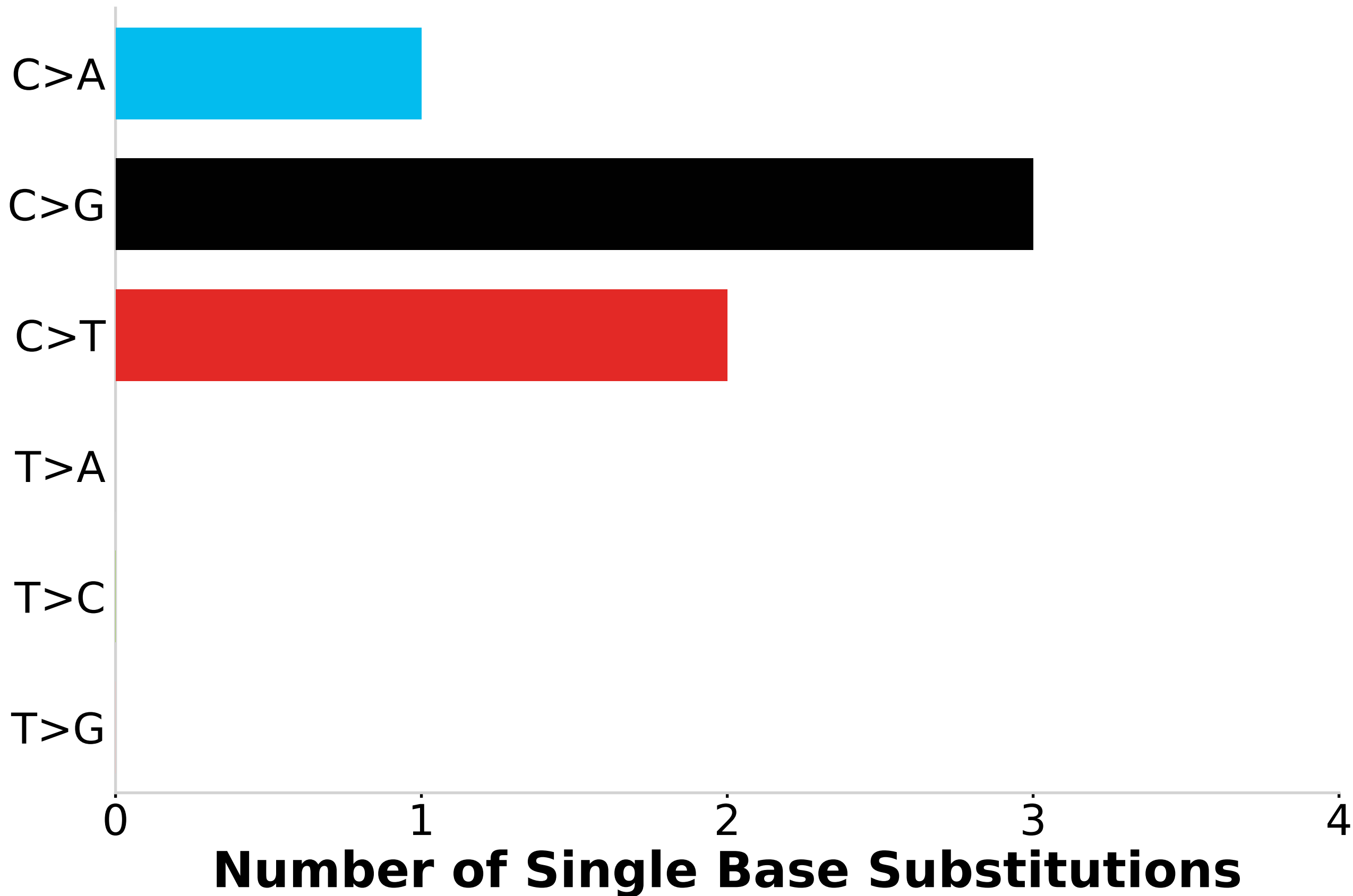
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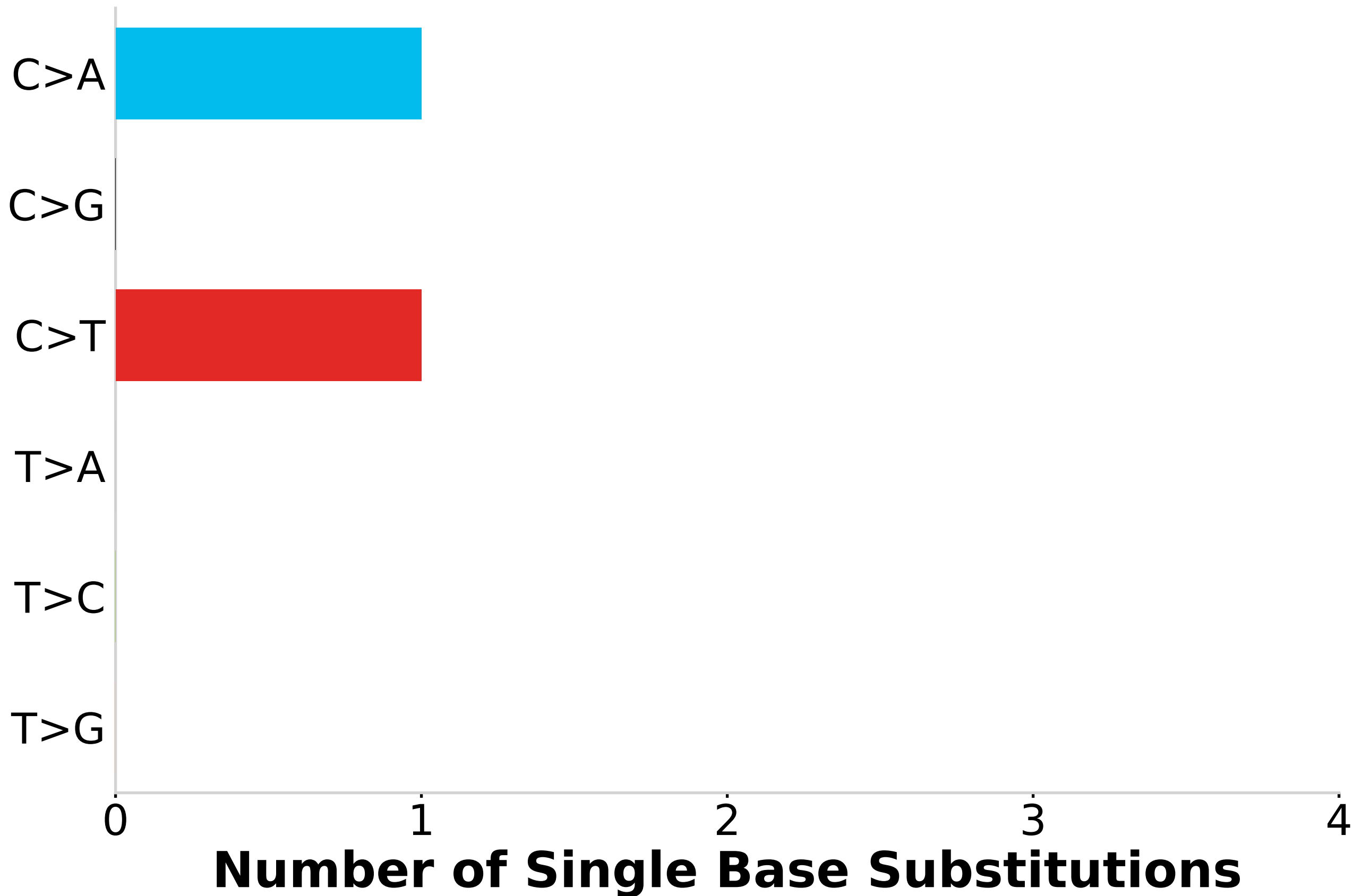
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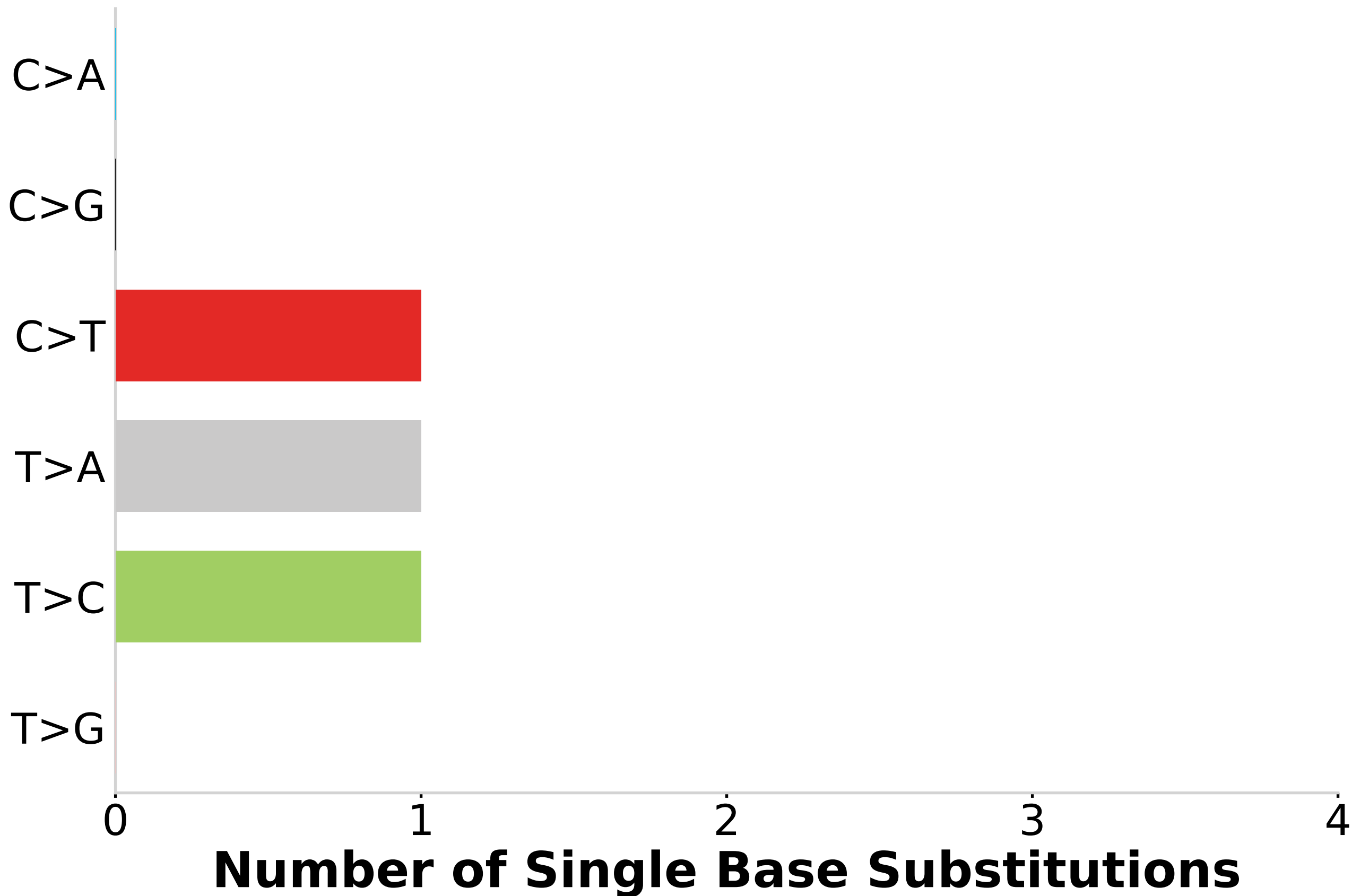
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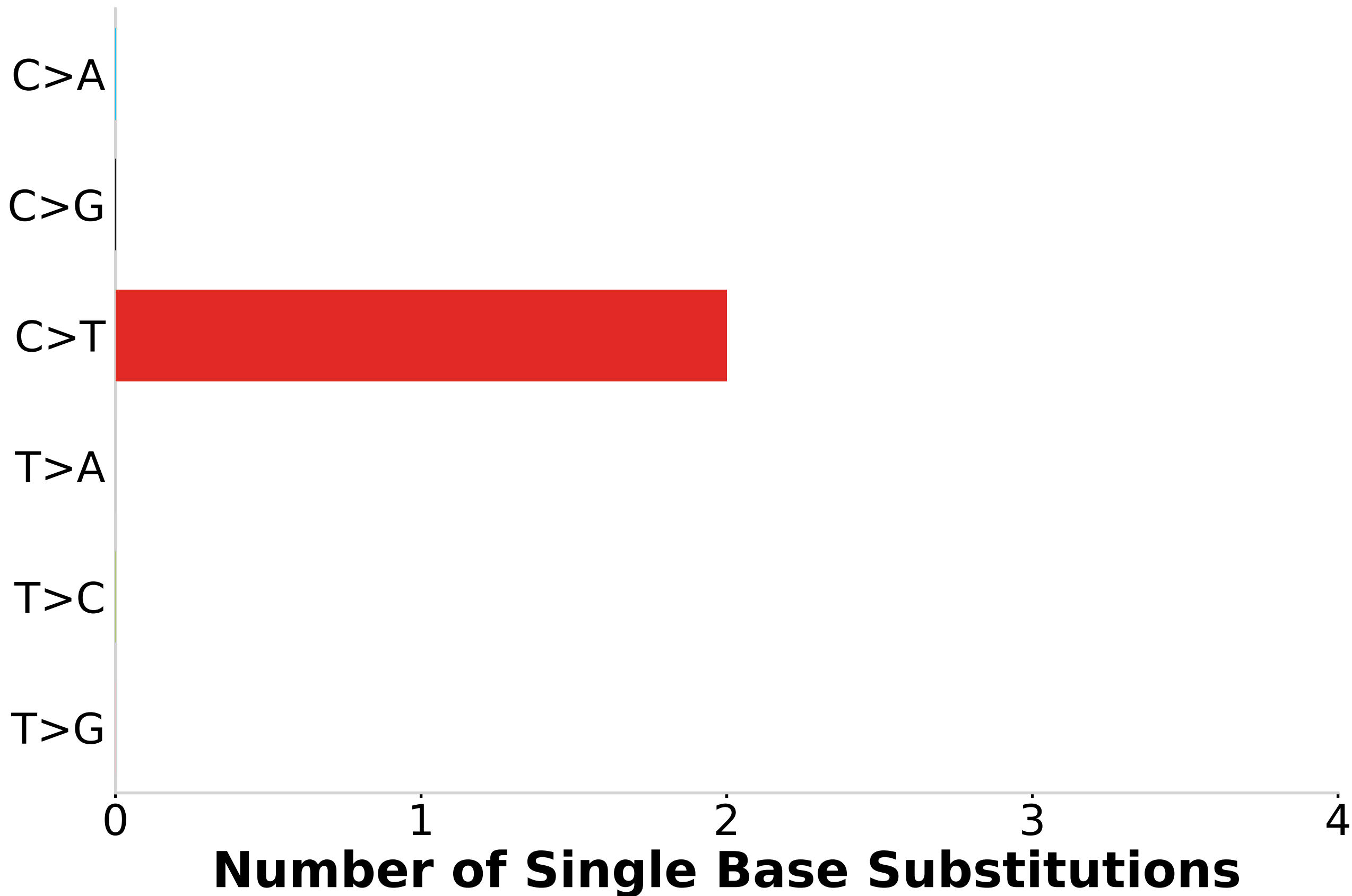
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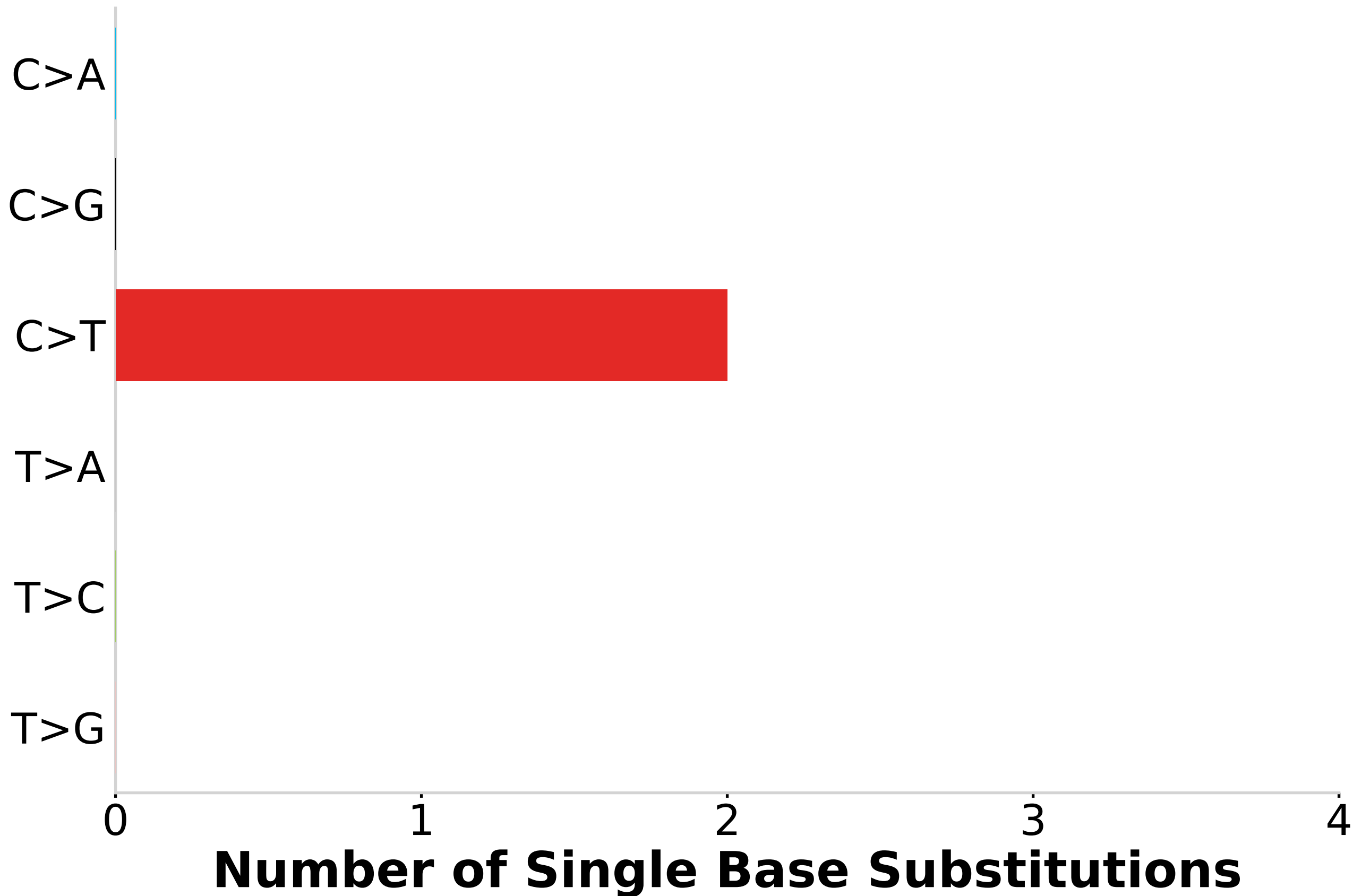
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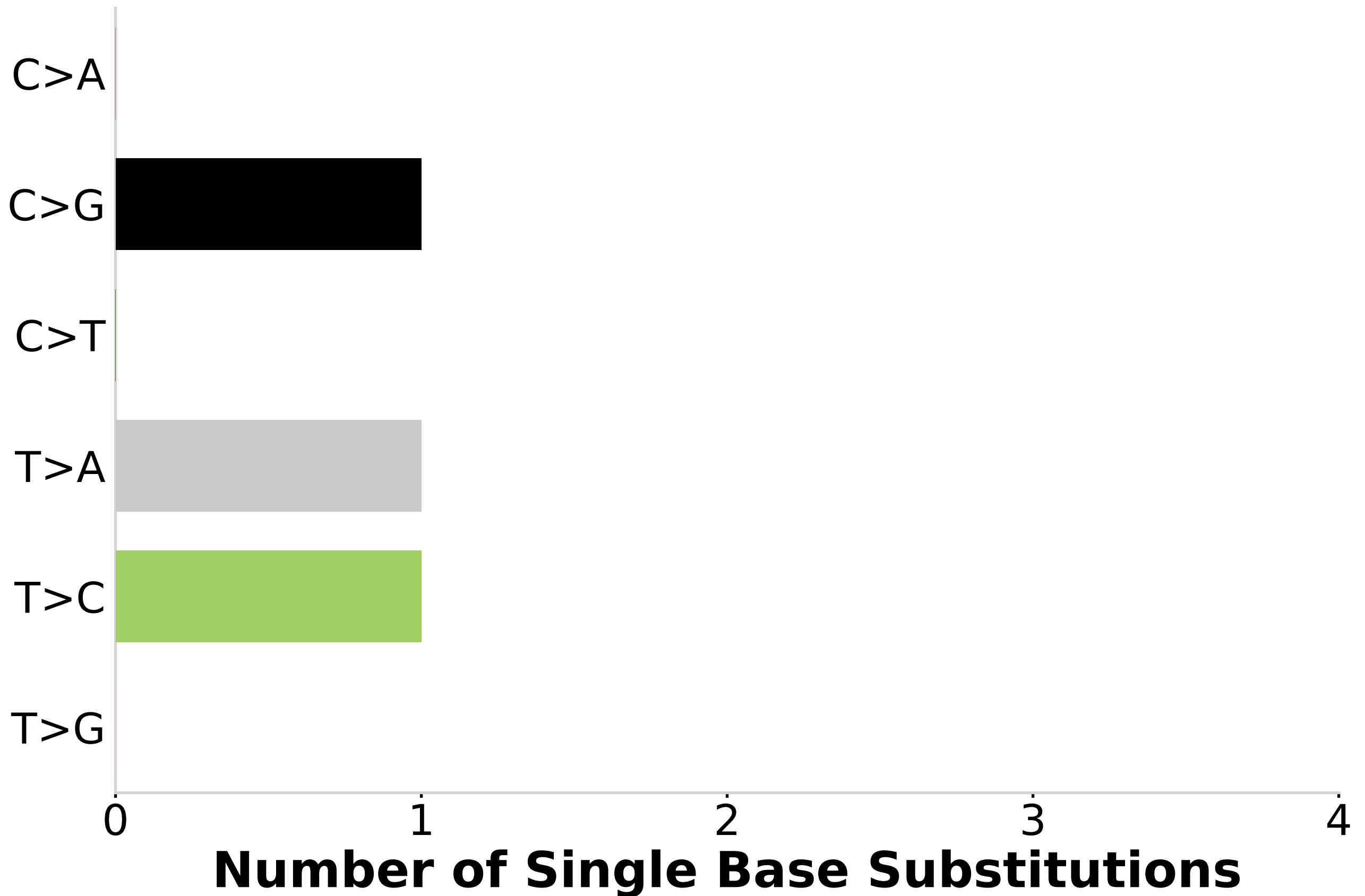
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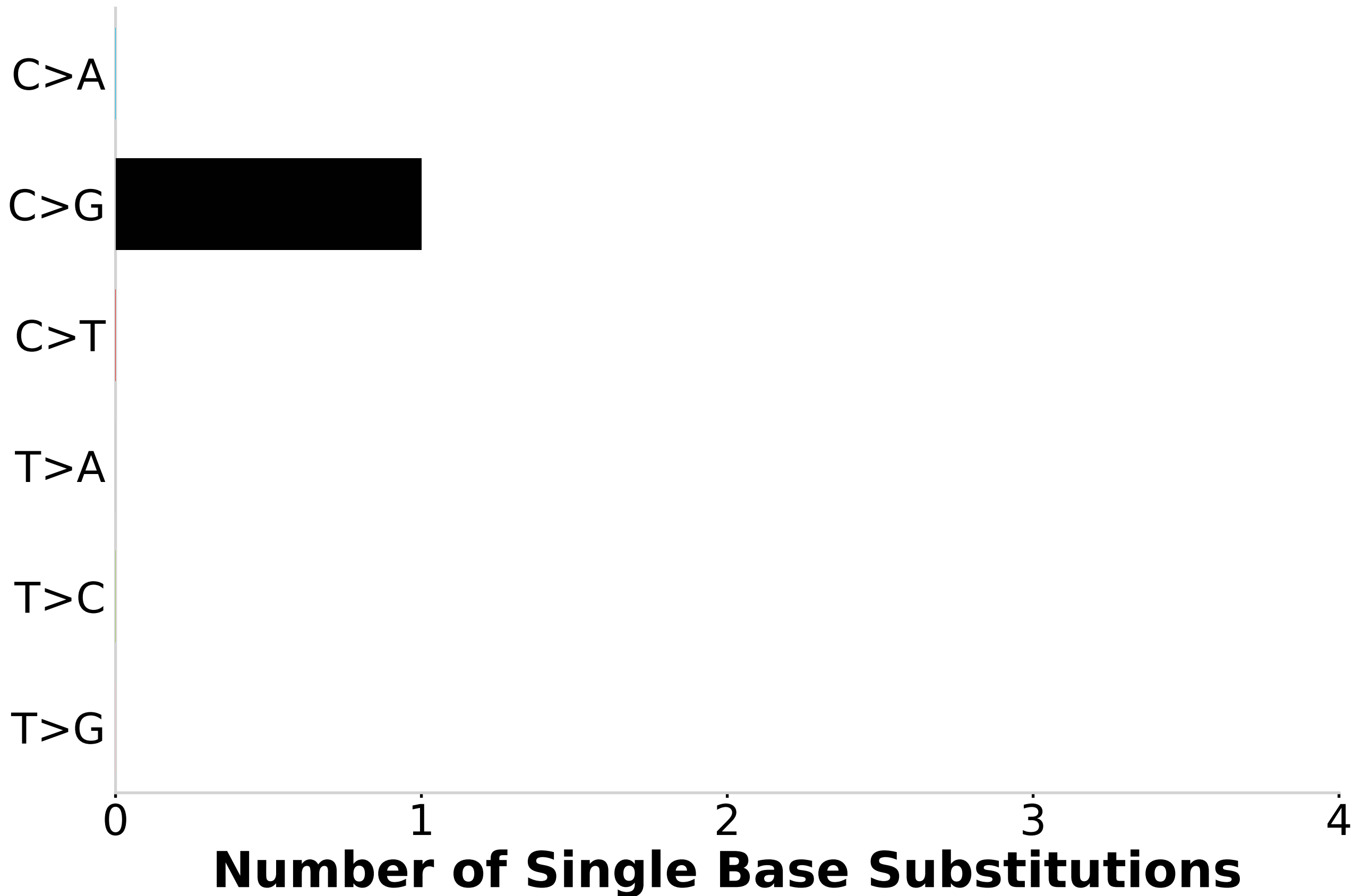
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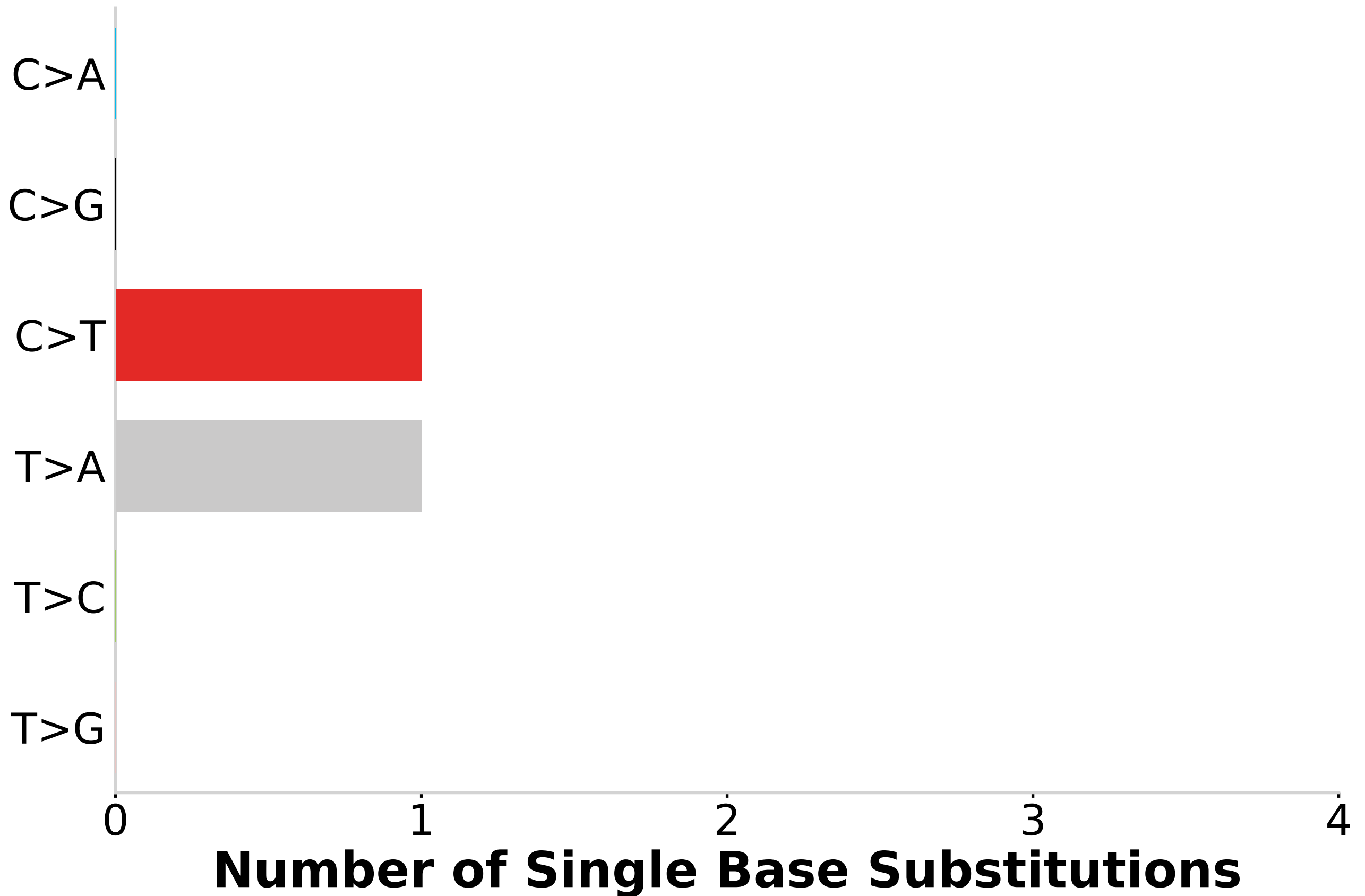
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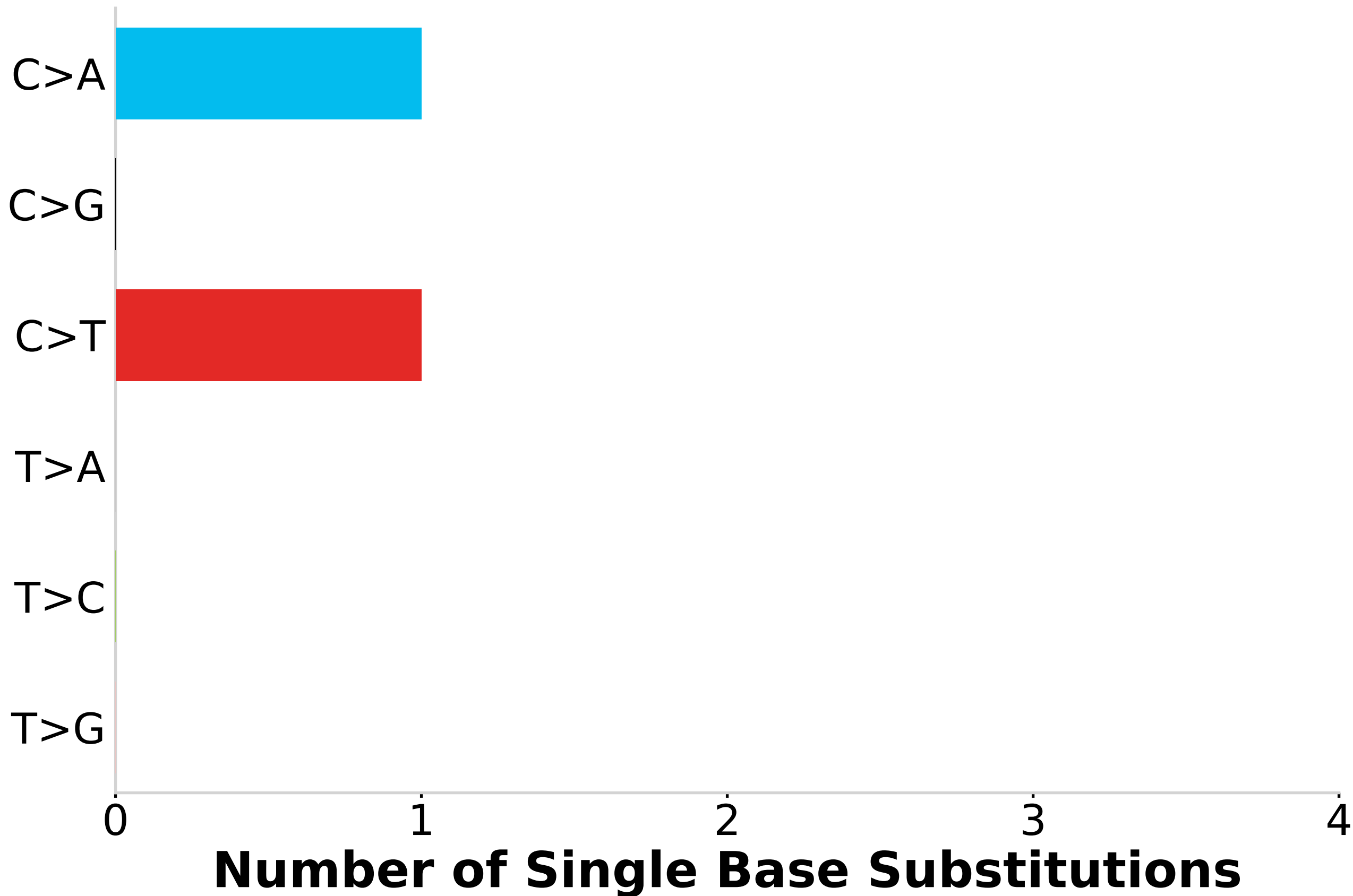
TCGA-E2-A15D-01A-11D-A10Y-09: 1 subs



TCGA-E2-A15G-01A-11D-A12B-09: 2 subs



TCGA-E2-A15H-01A-11D-A12B-09: 2 subs



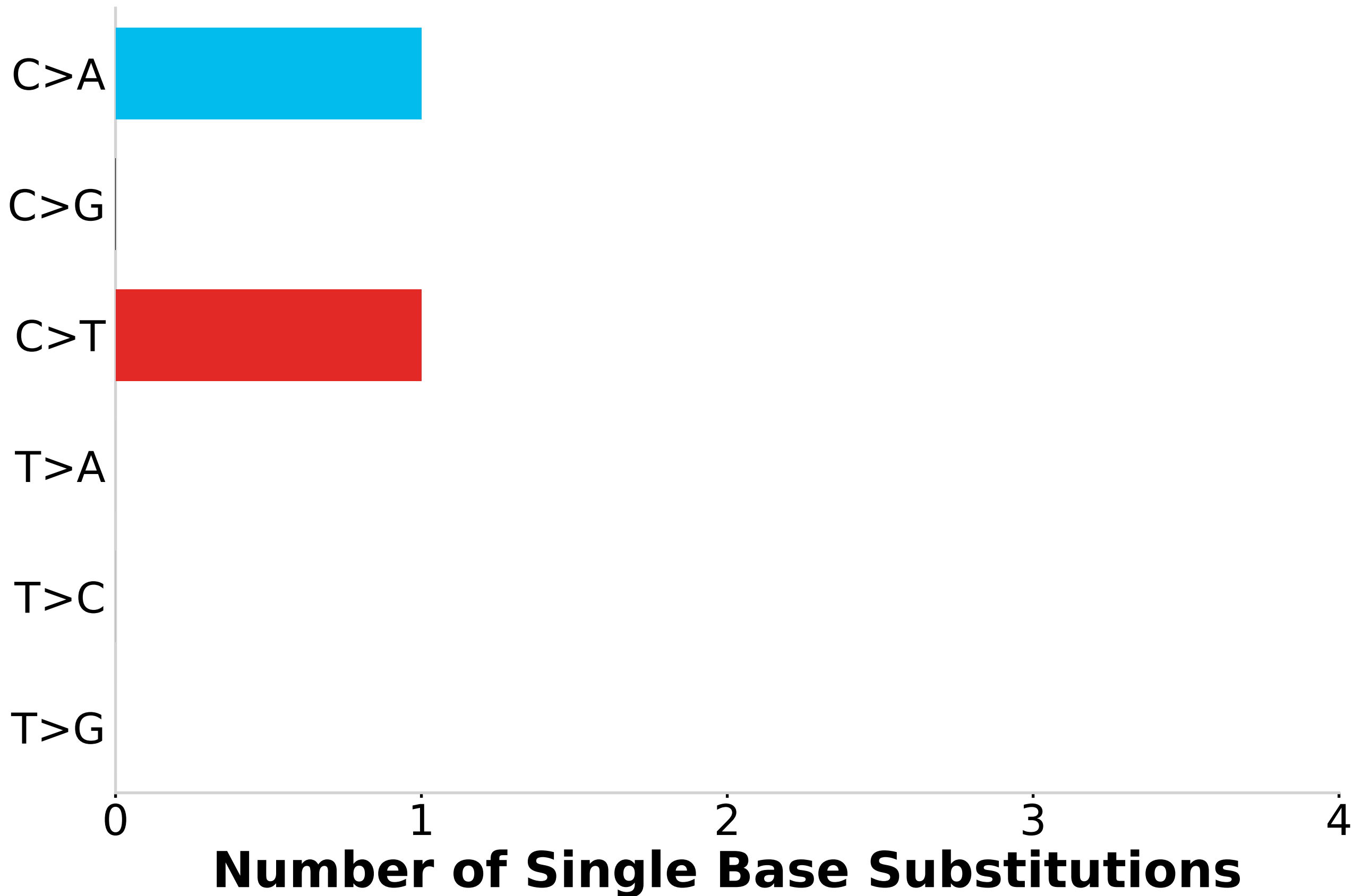
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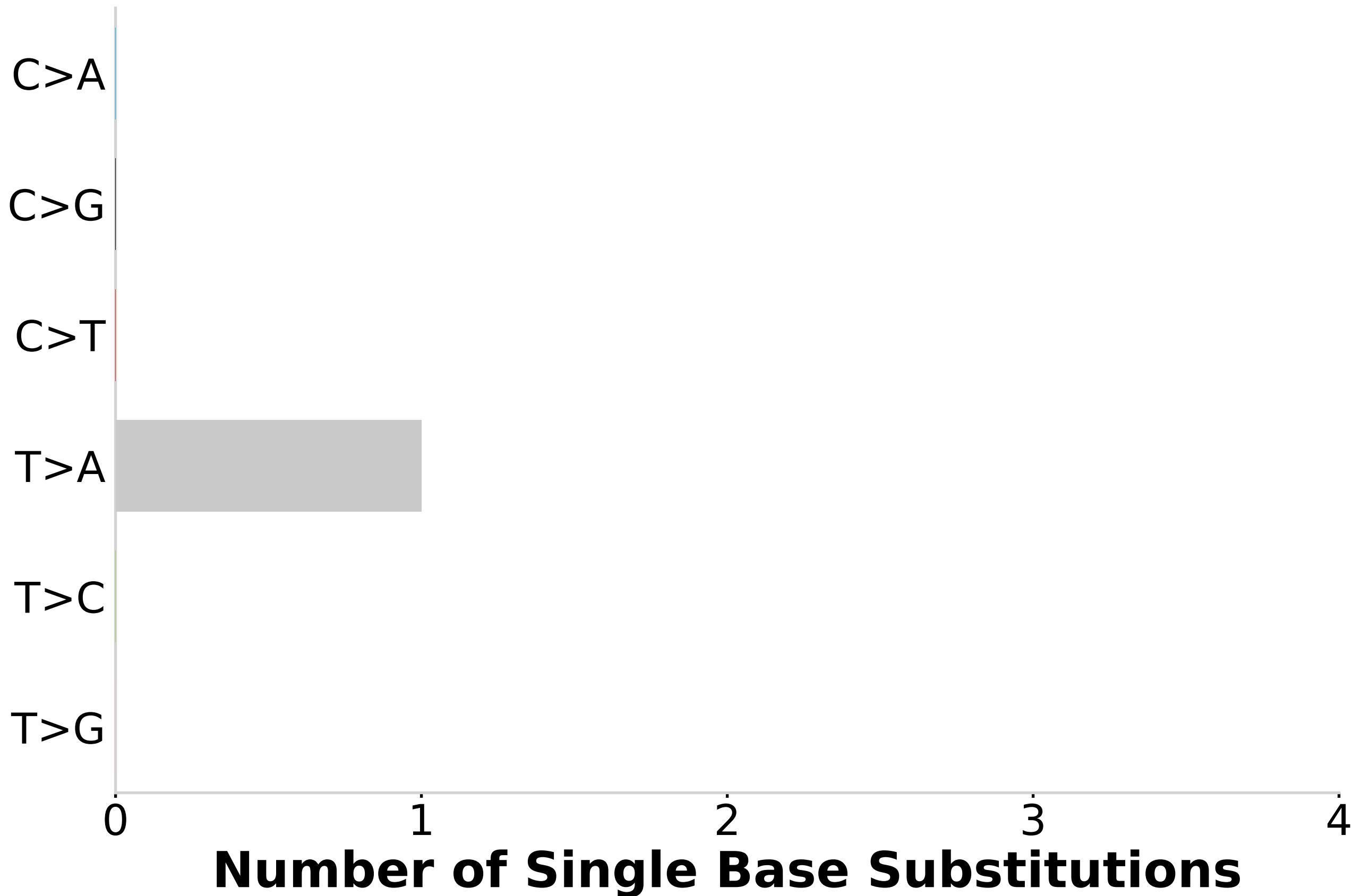
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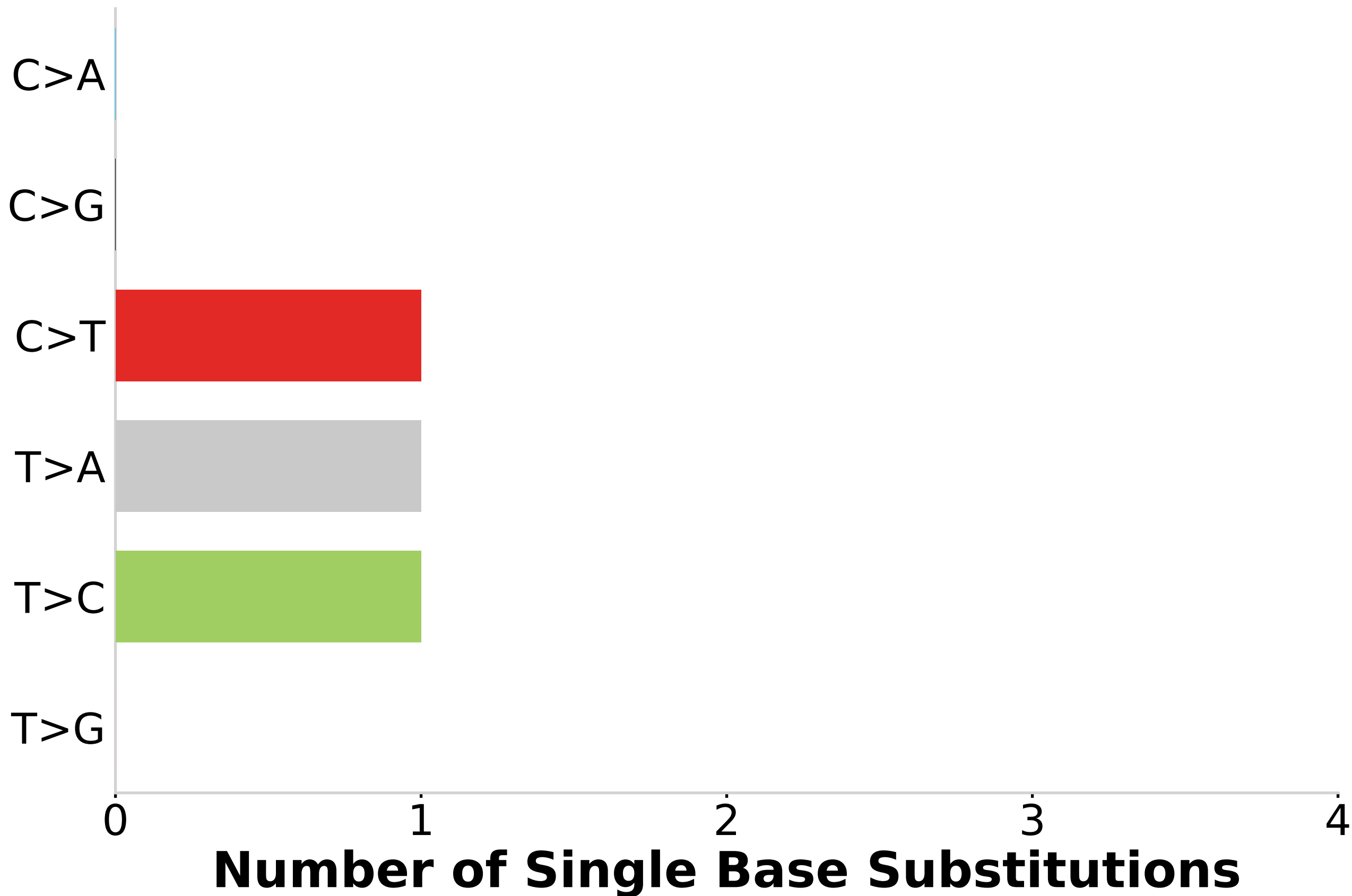
TCGA-E2-A15M-01A-11D-A12B-09: 2 subs



TCGA-E2-A15O-01A-11D-A10Y-09: 1 subs



TCGA-E2-A15R-01A-11D-A10Y-09: 3 subs



TCGA-E2-A15S-01A-11D-A10Y-09: 2 subs

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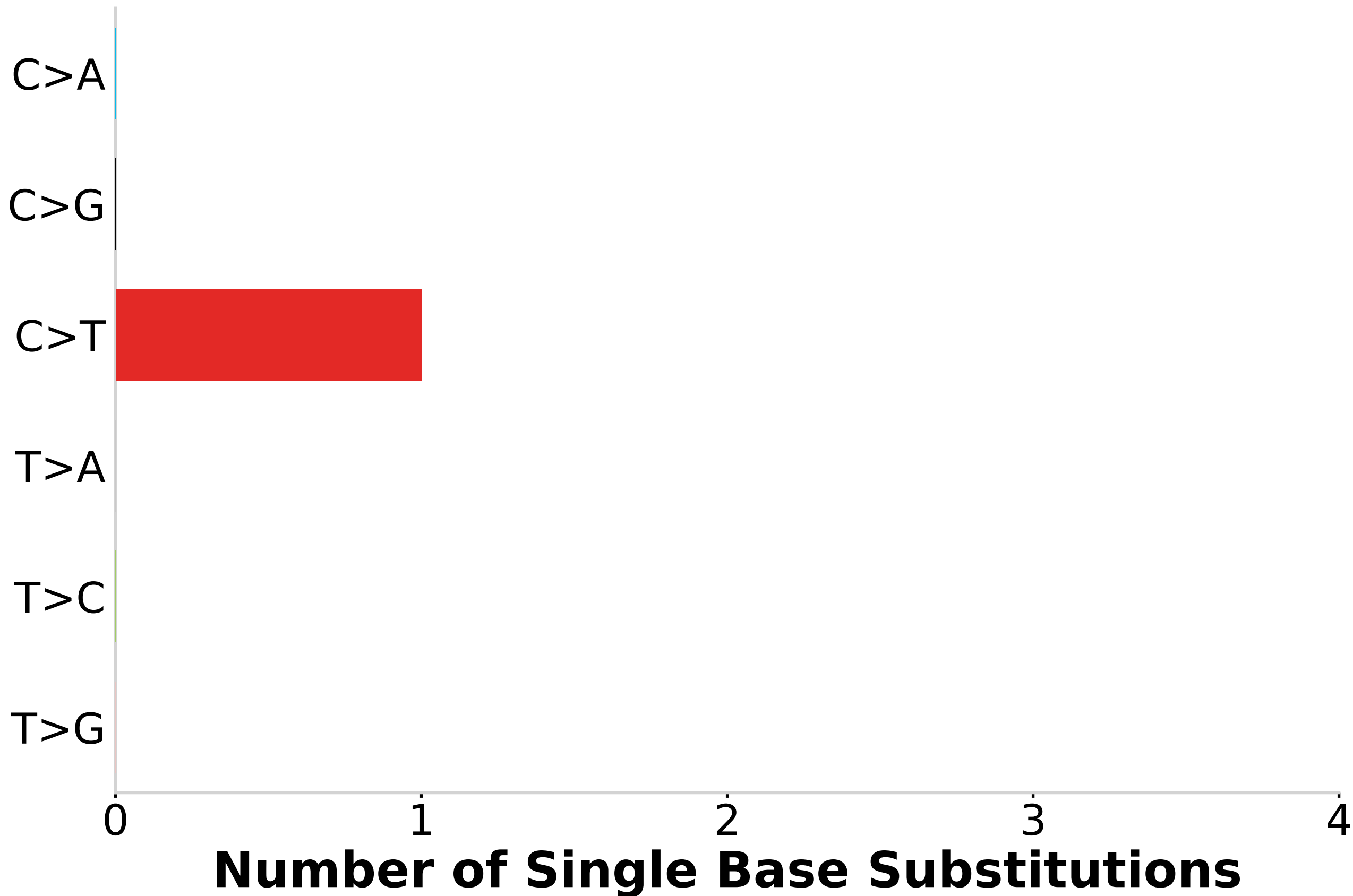
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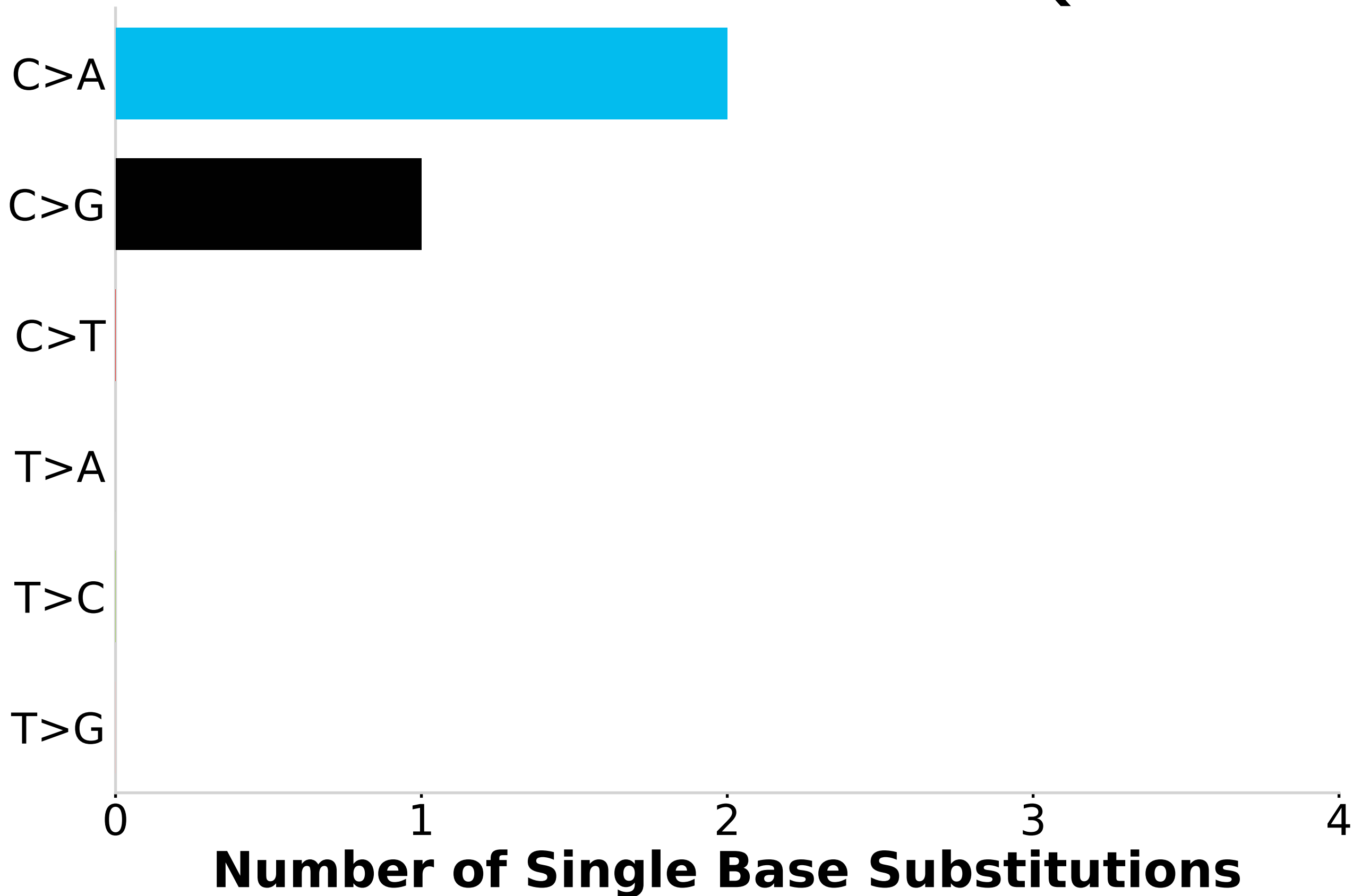
Number of Single Base Substitutions



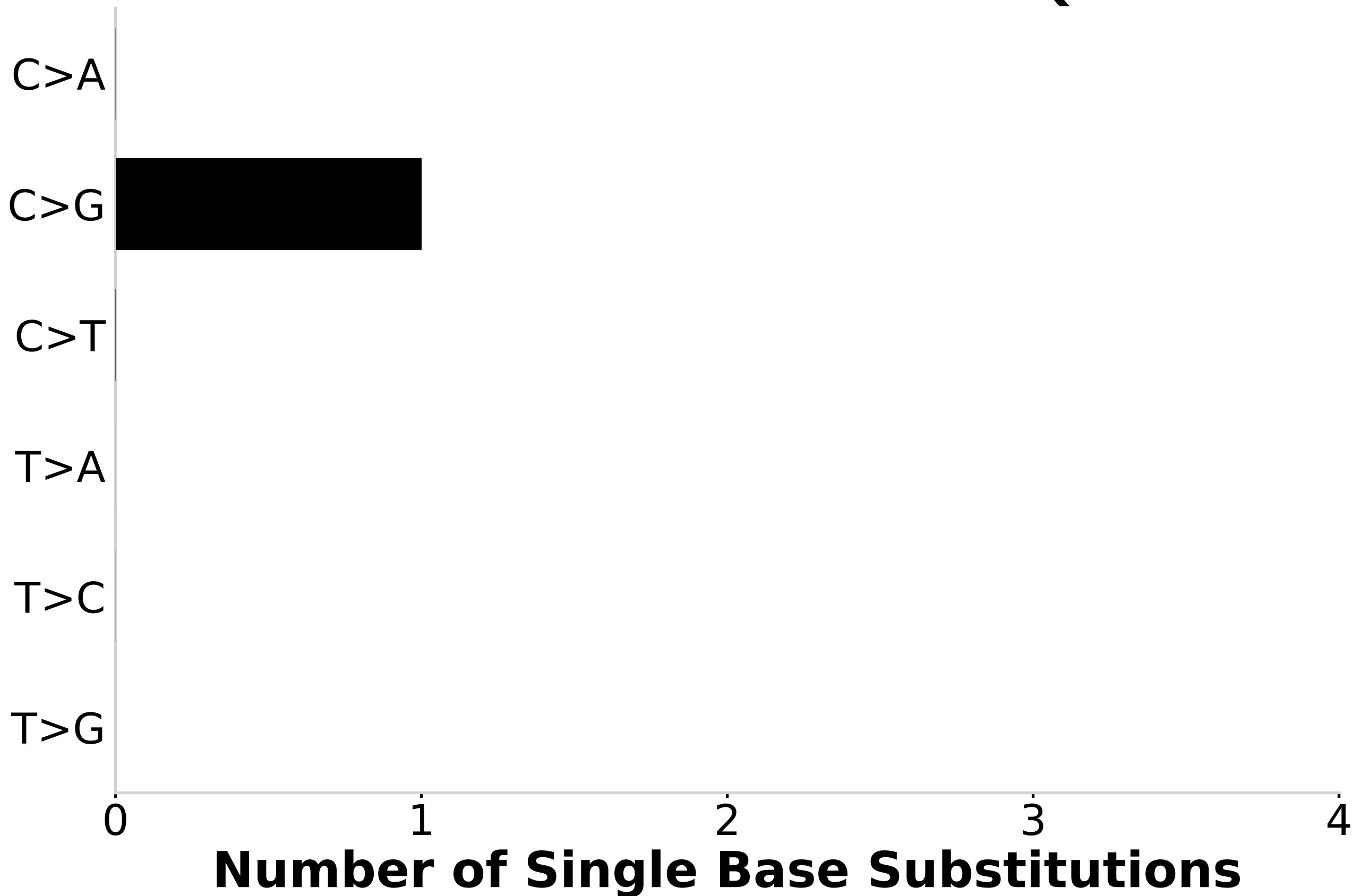
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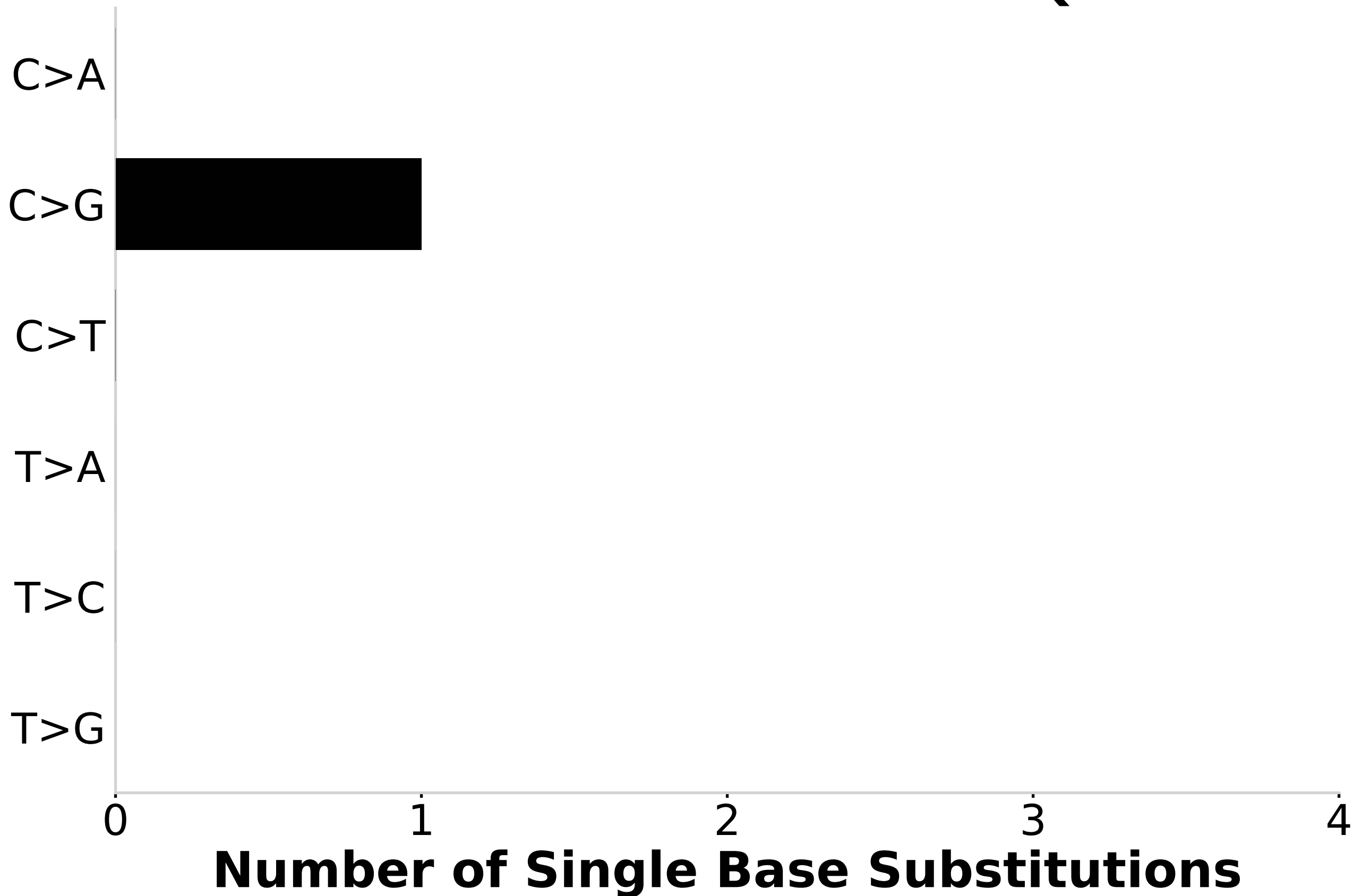
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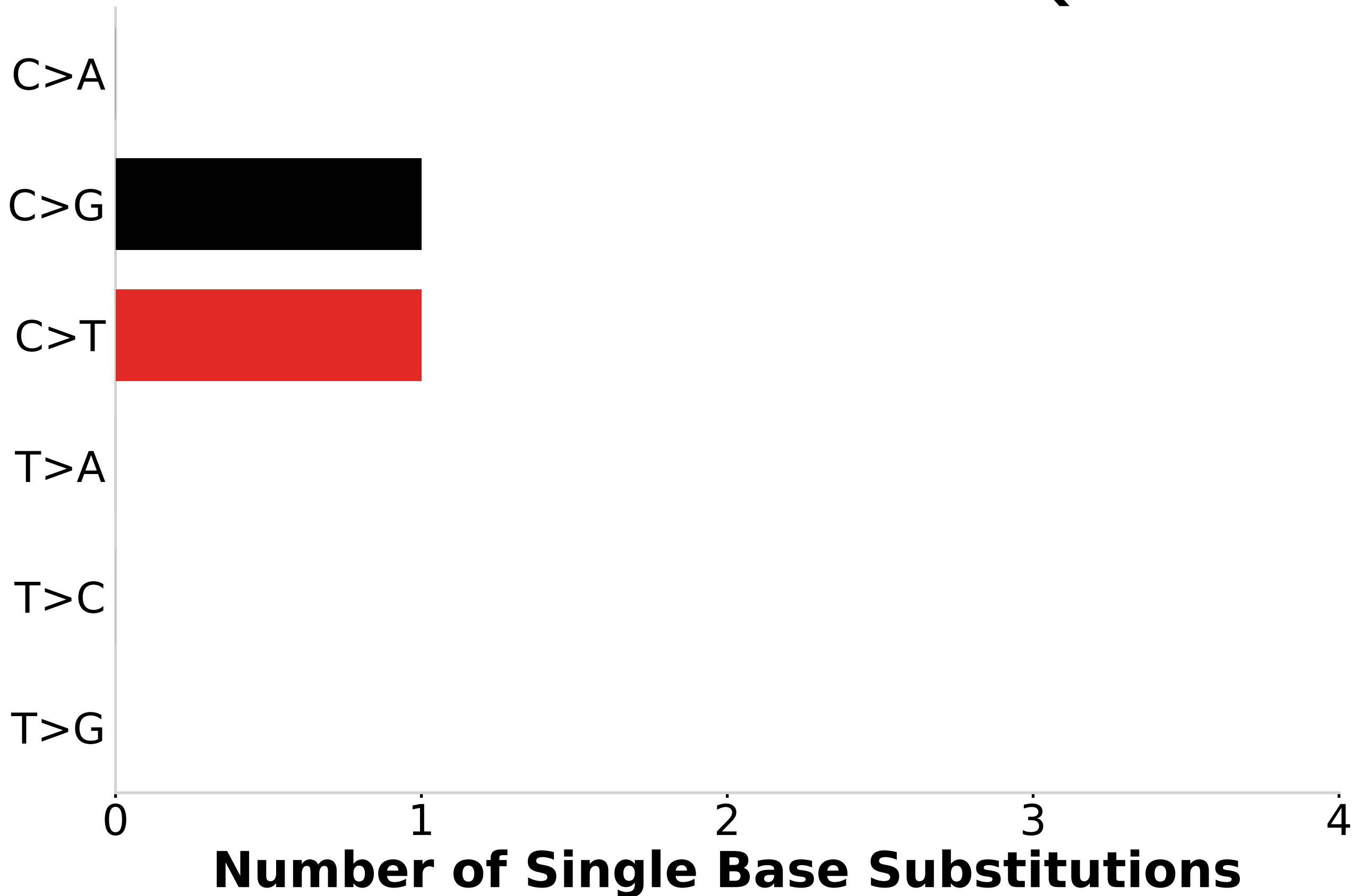
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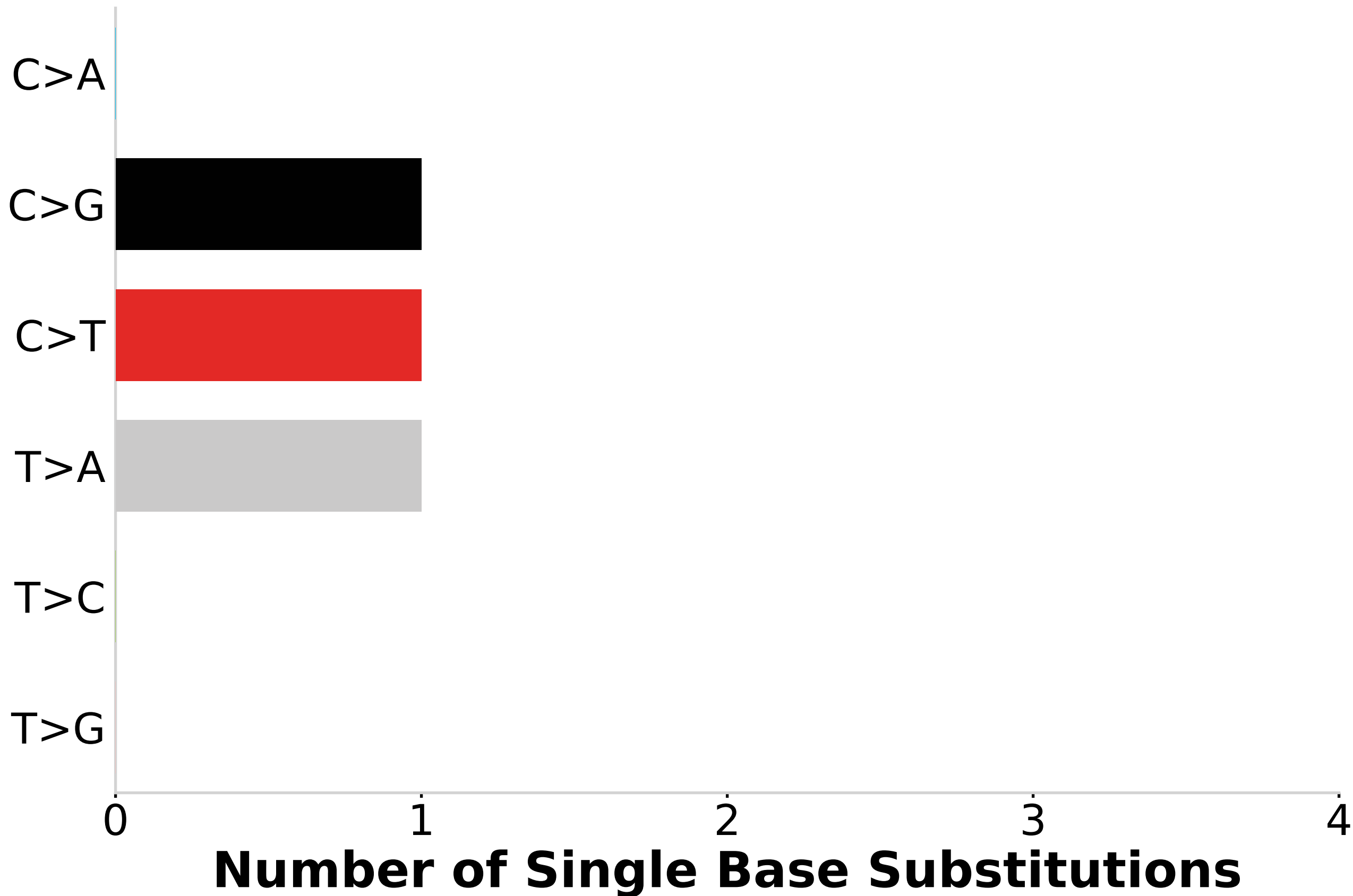
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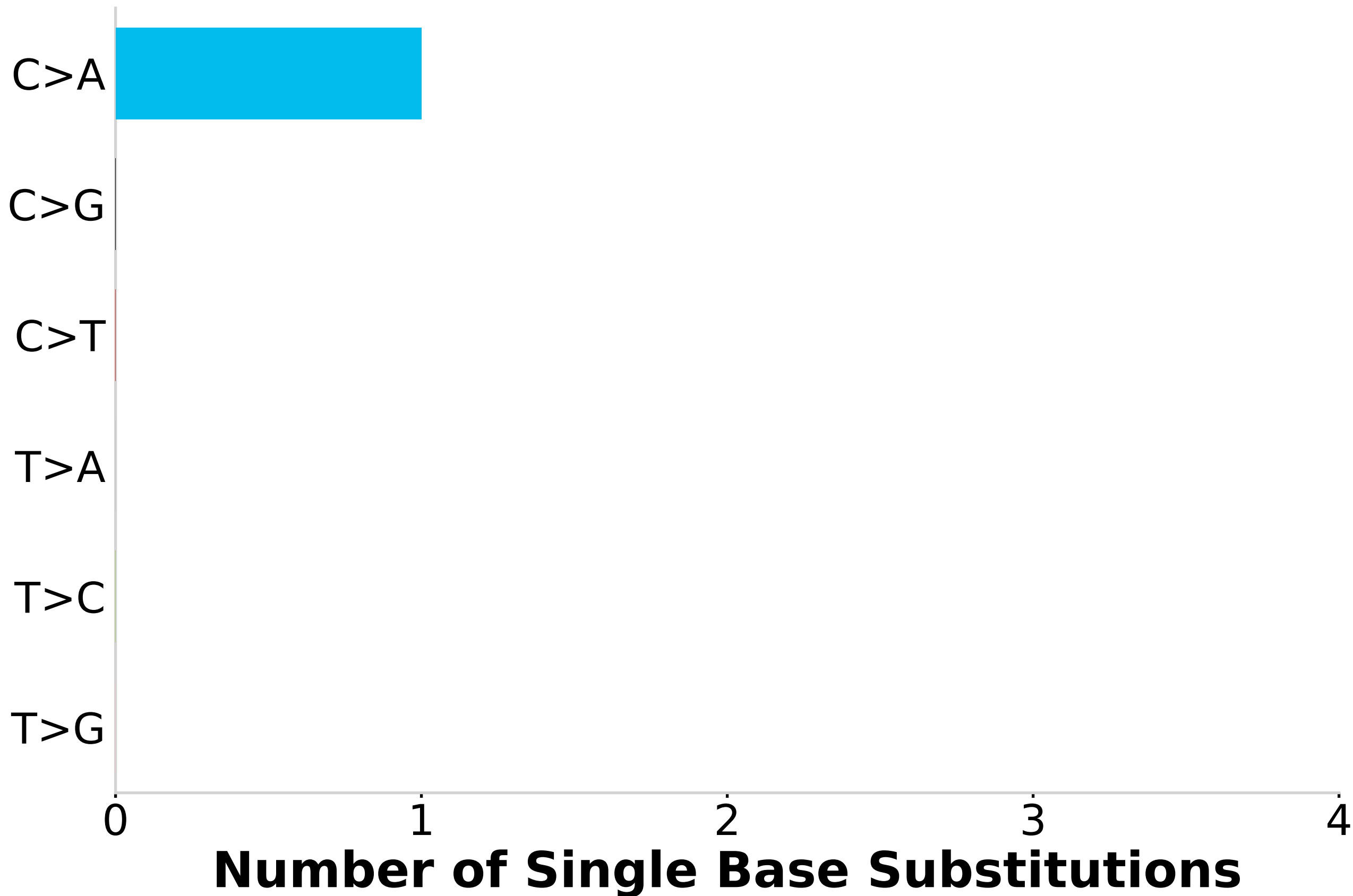
TCGA-E2-A1B5-01A-21D-A12Q-09: 2 subs



TCGA-E2-A1IH-01A-11D-A188-09: 3 subs



TCGA-E2-A1IK-01A-11D-A17G-09: 1 subs



TCGA-E2-A1IN-01A-11D-A13L-09: 7 subs

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C>G

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T>A

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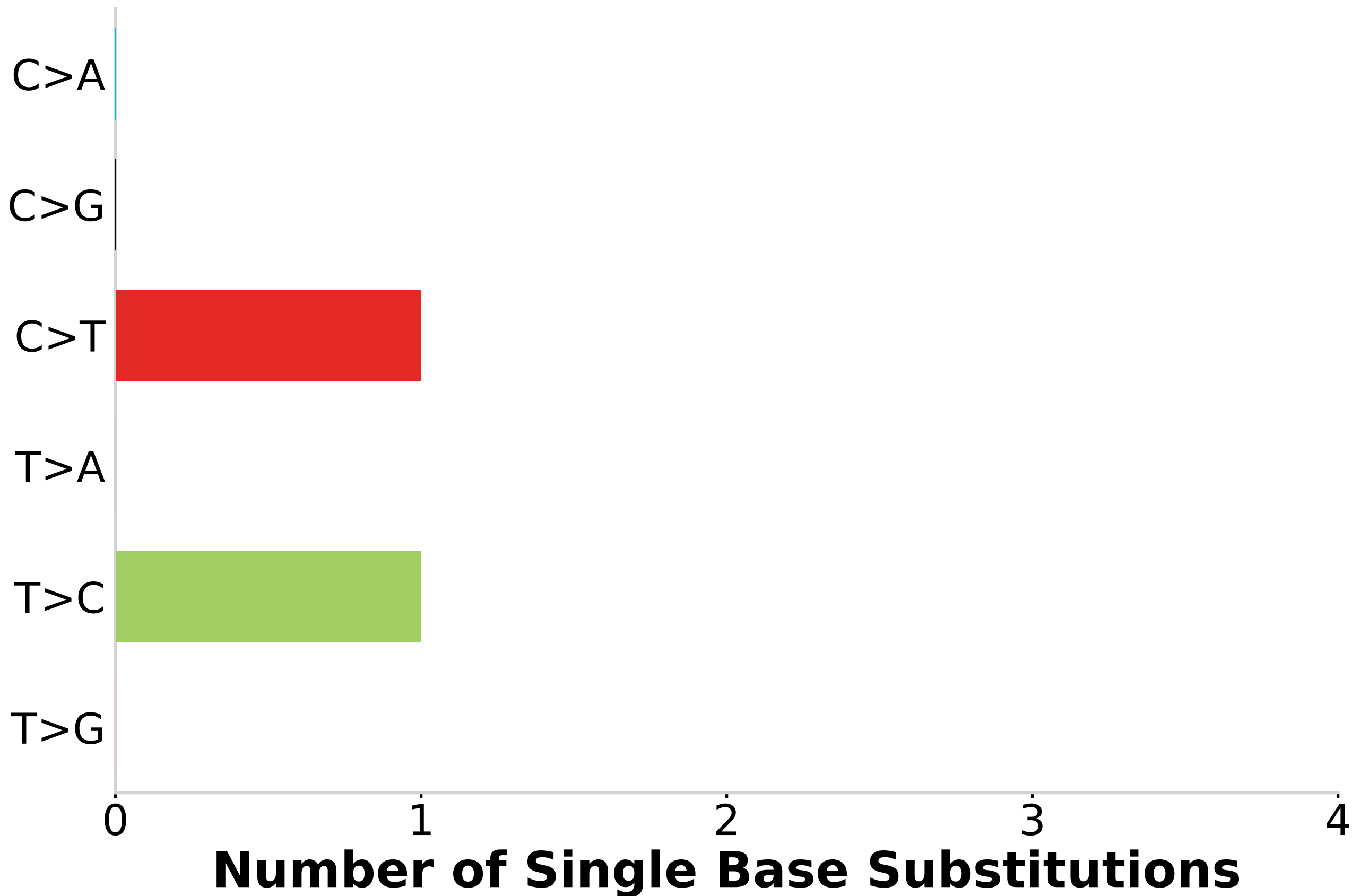
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Number of Single Base Substitutions



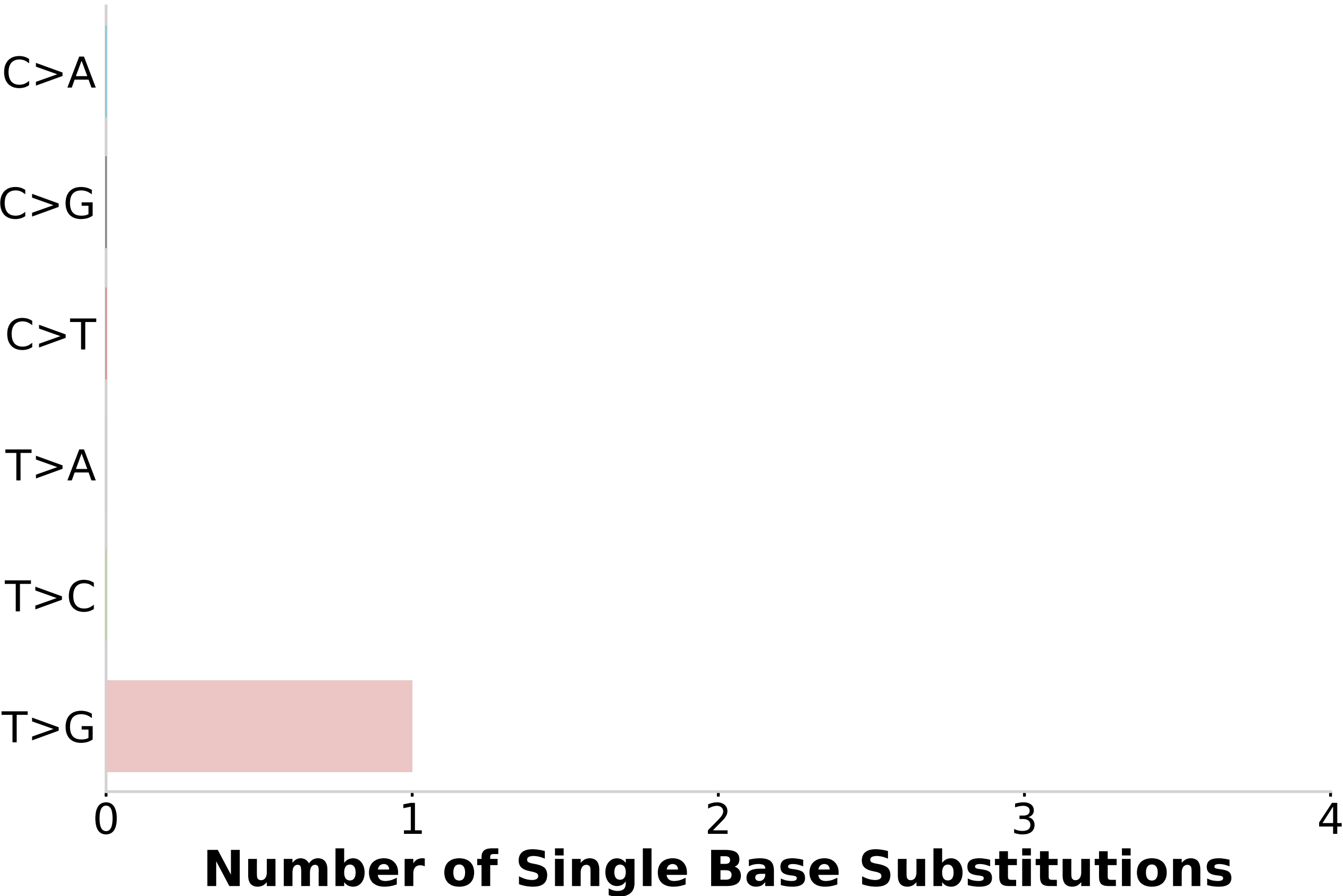
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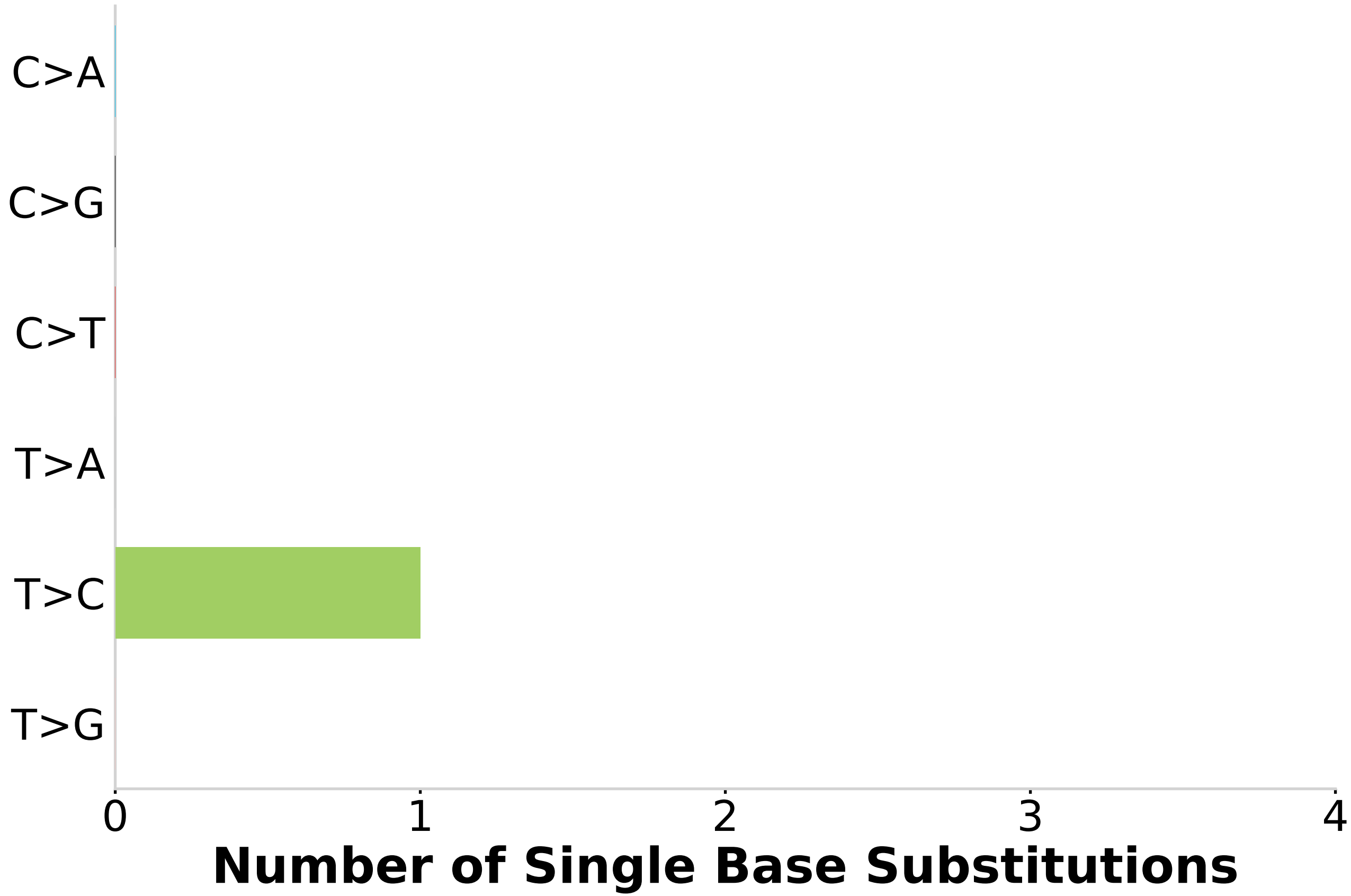
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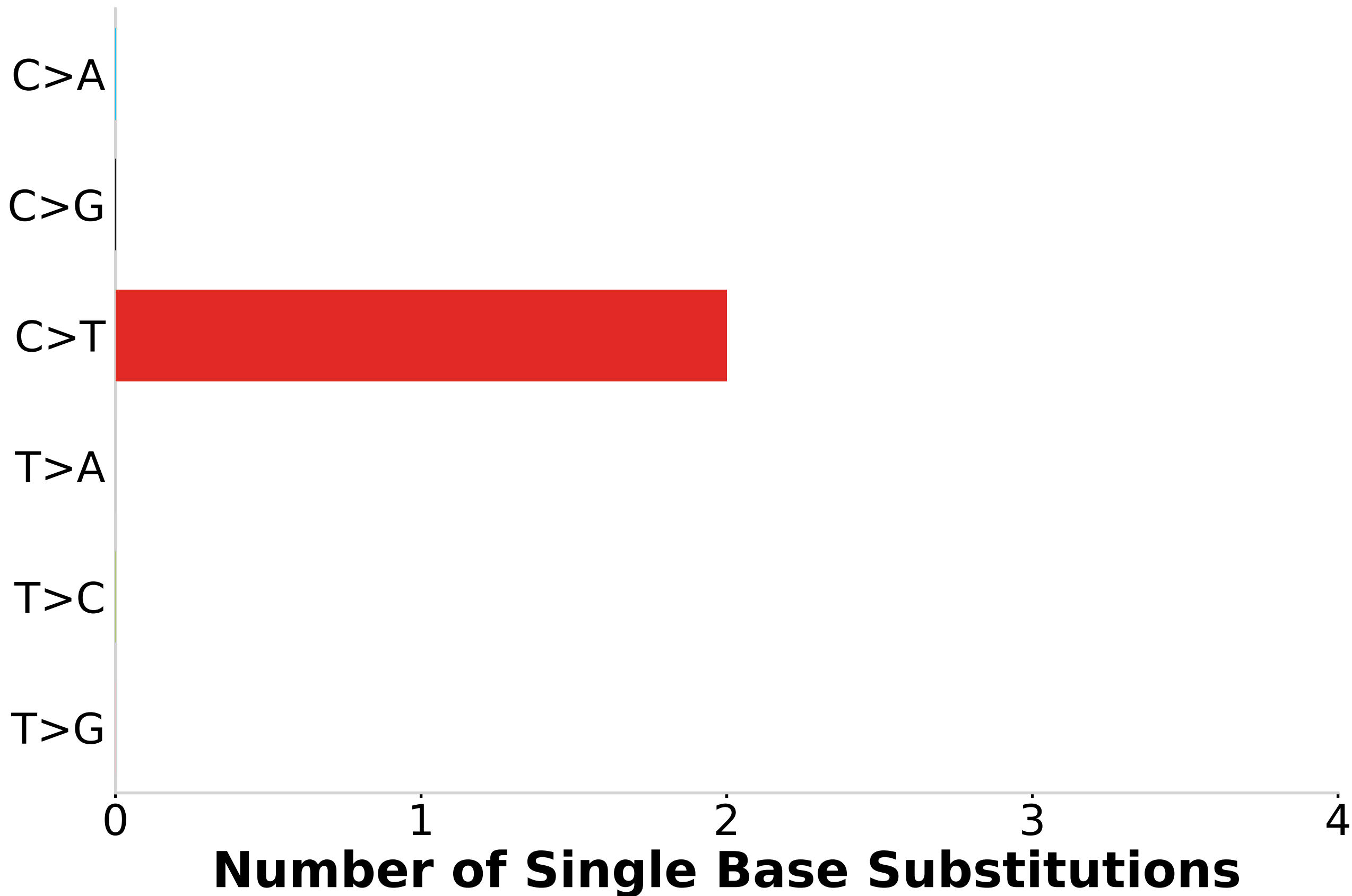
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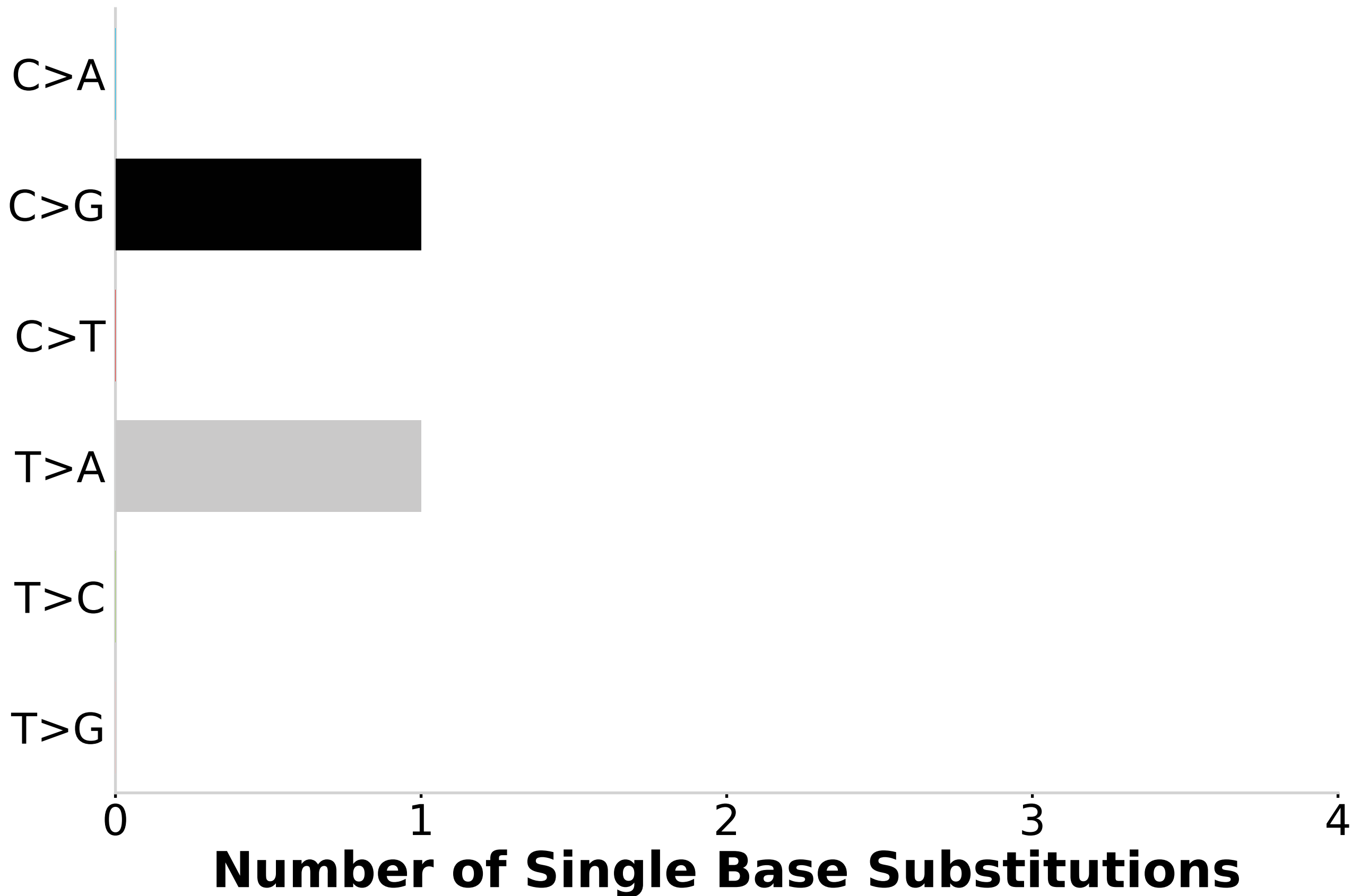
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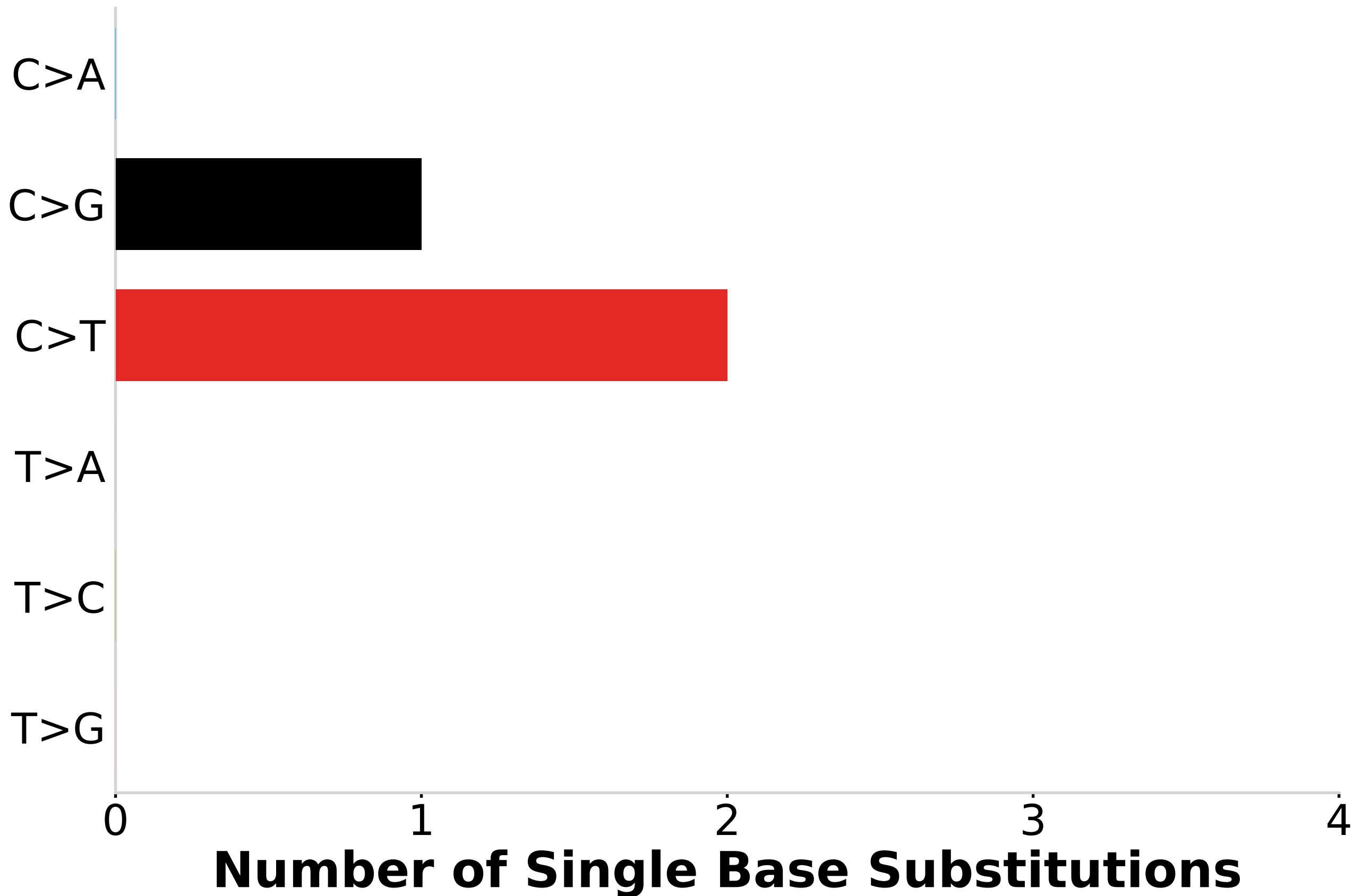
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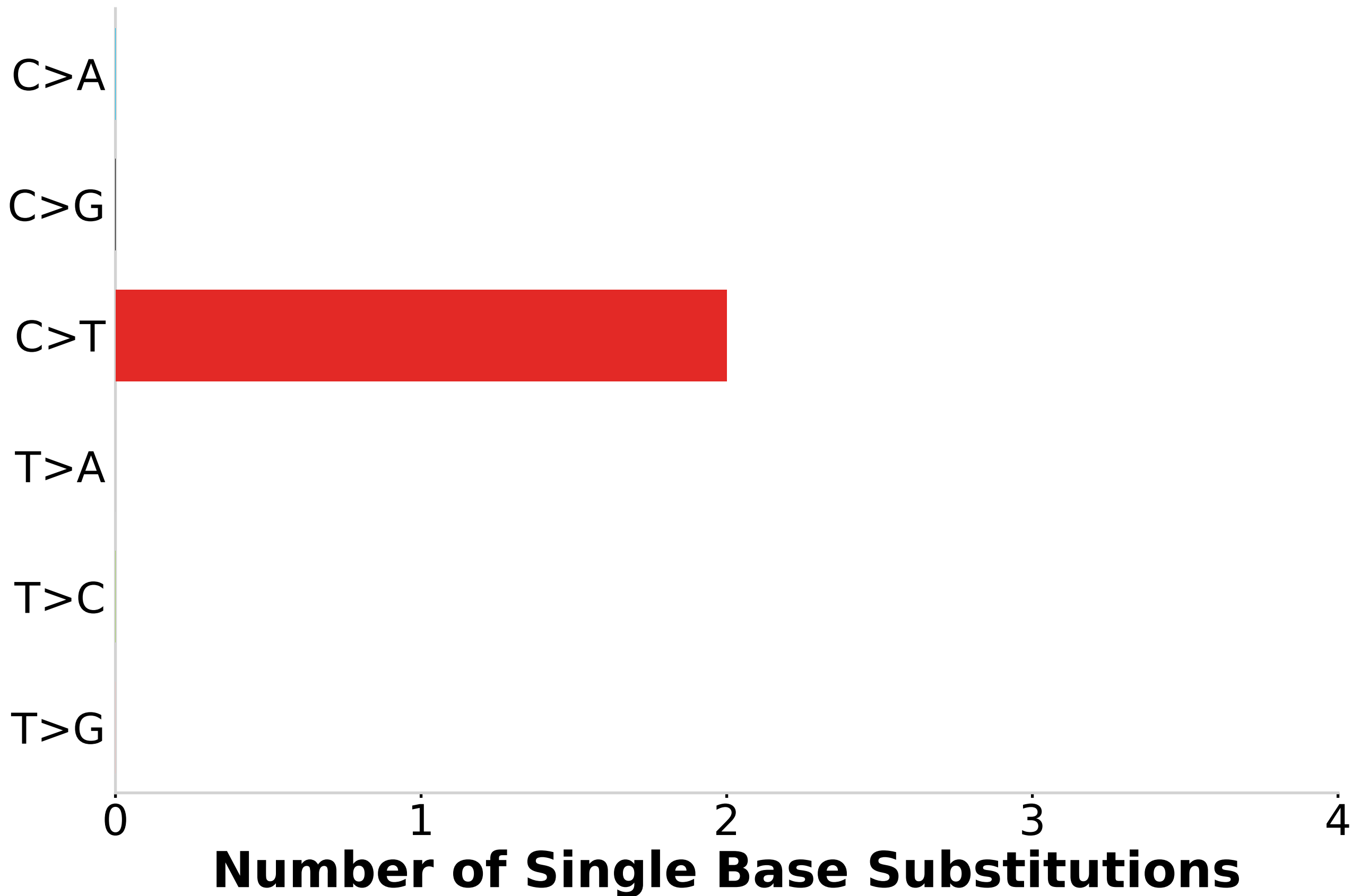
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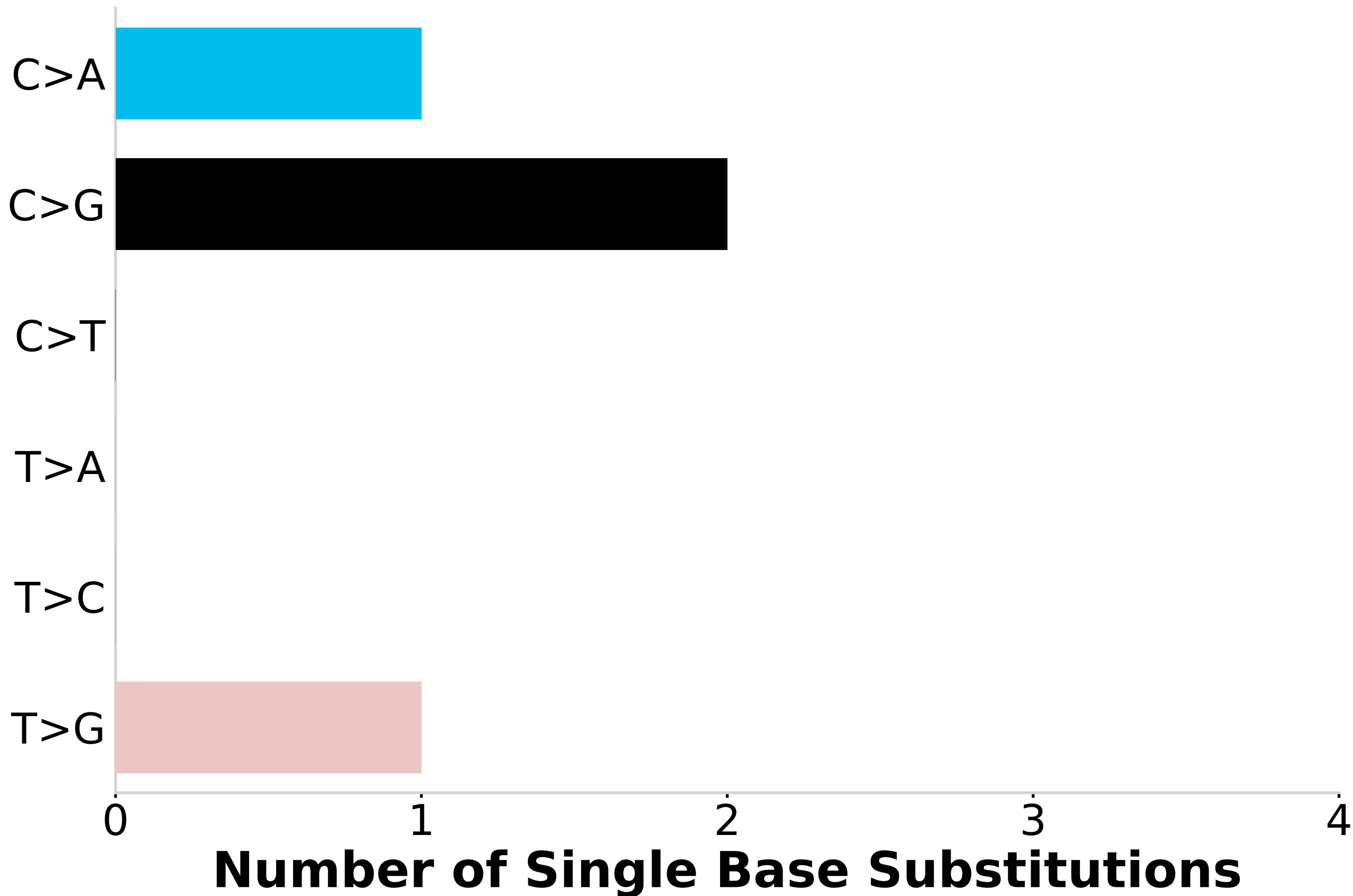
TCGA-E2-A1LB-01A-11D-A142-09: 3 subs



TCGA-E2-A1LG-01A-21D-A14K-09: 2 subs



TCGA-E2-A1LH-01A-11D-A14G-09: 4 subs



TCGA-E2-A1LI-01A-12D-A159-09: 2 subs

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T>A

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T>G

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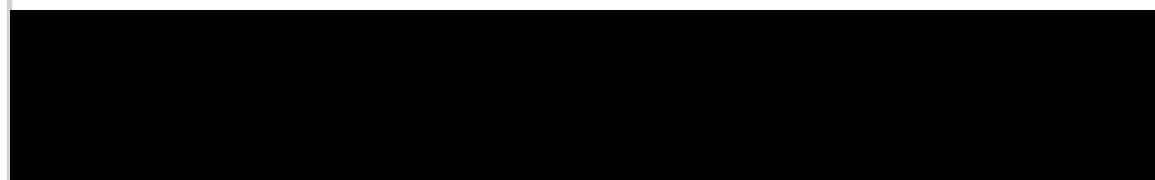
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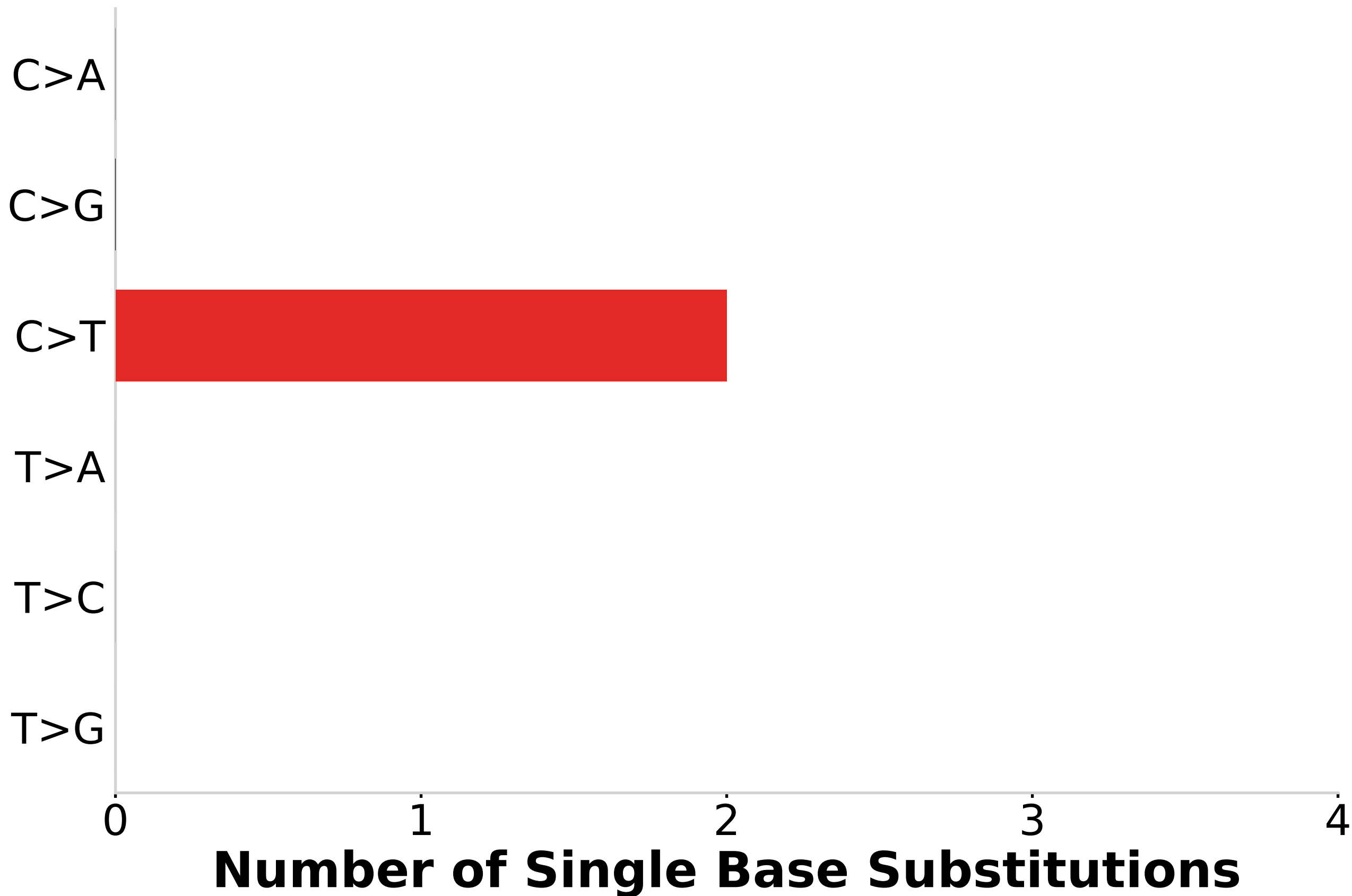
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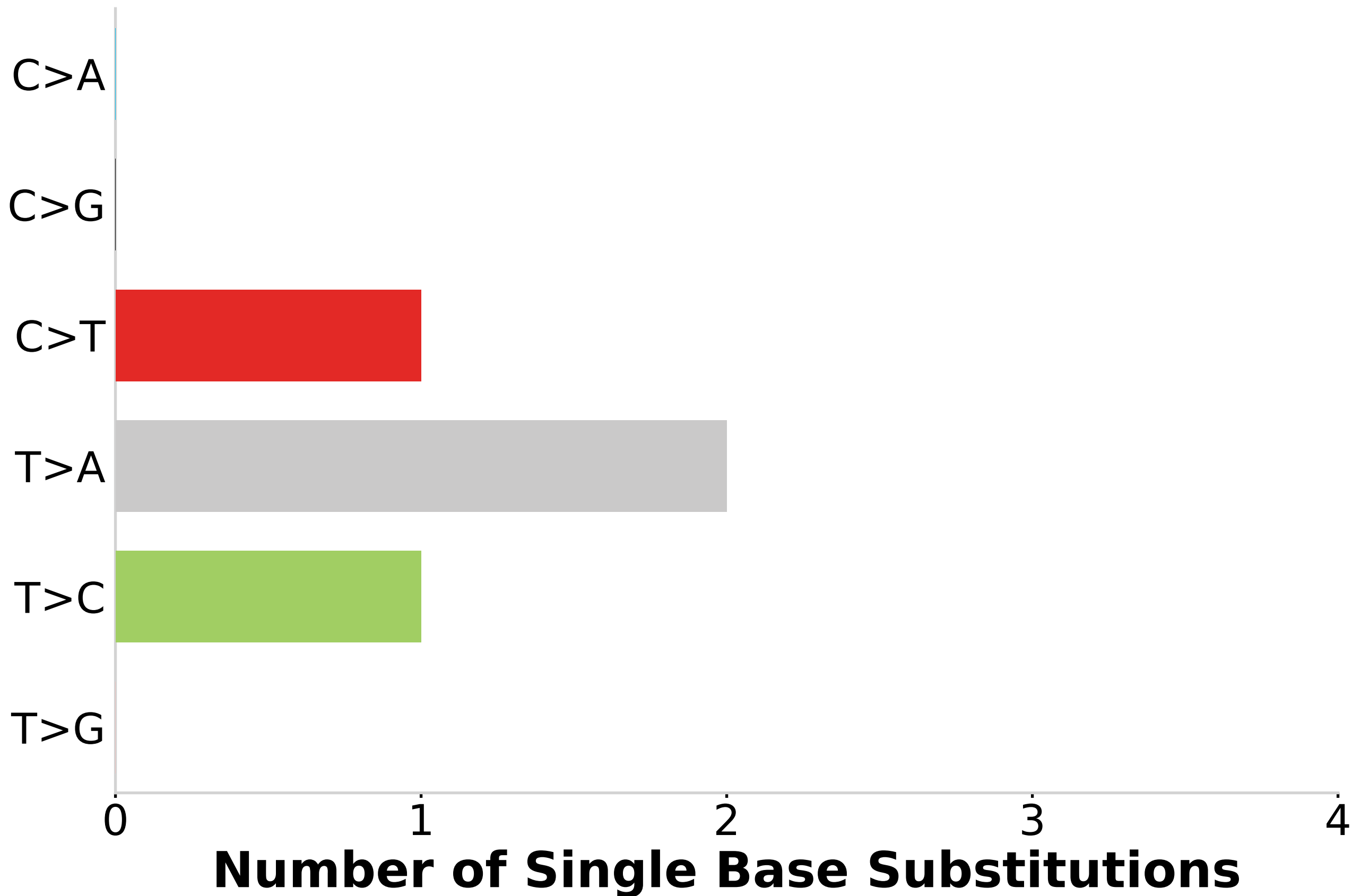
Number of Single Base Substitutions



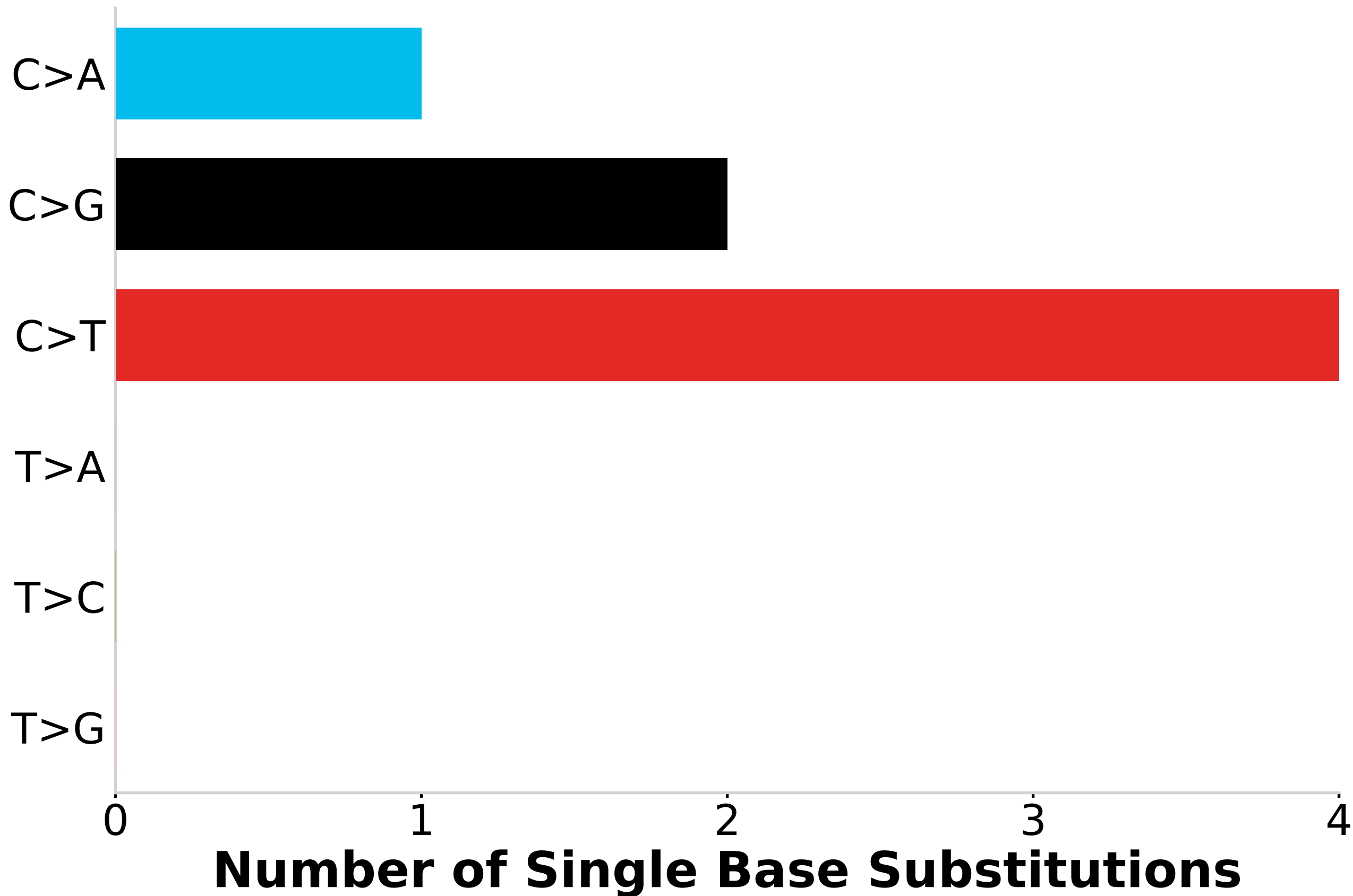
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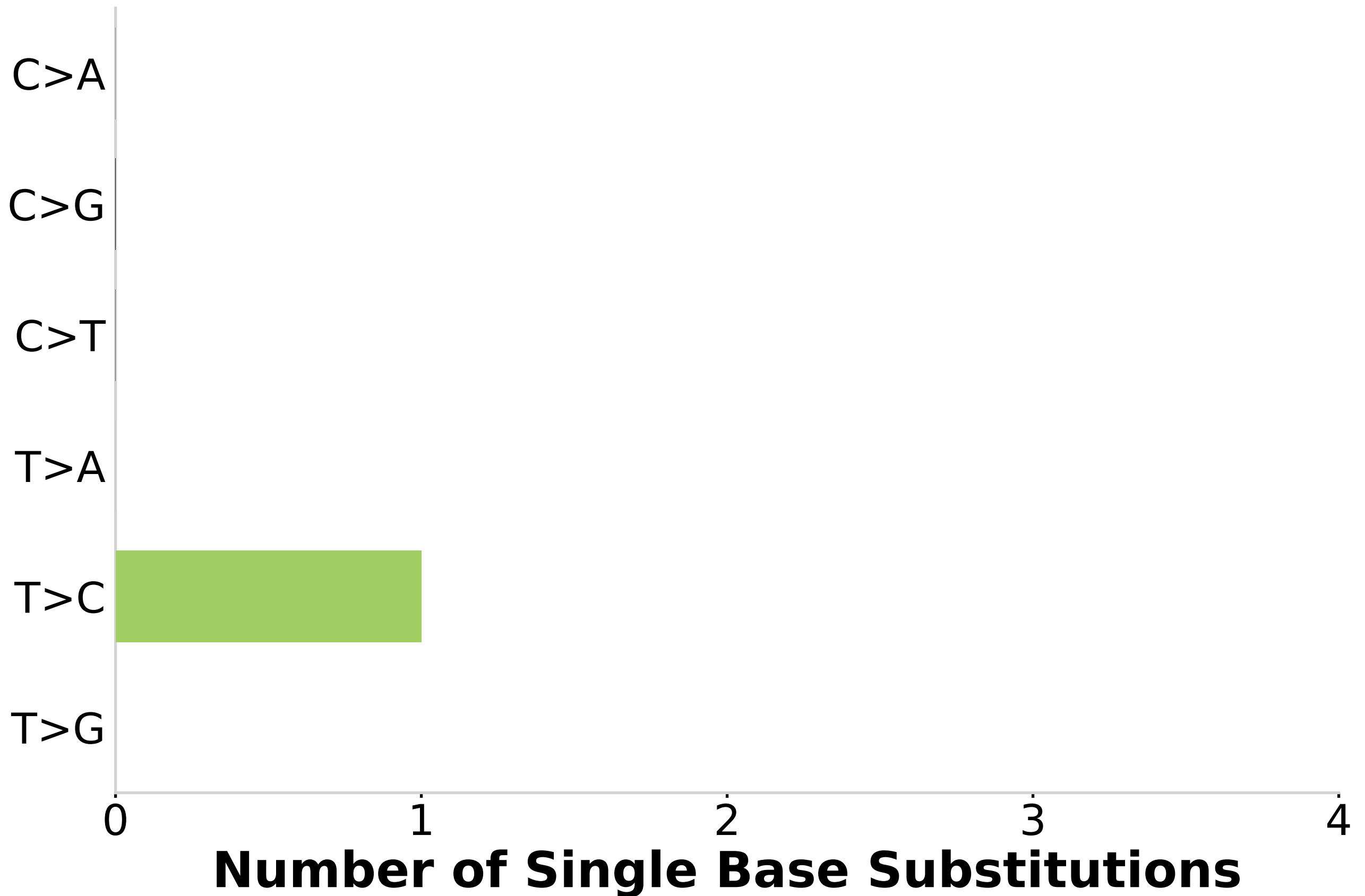
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TCGA-E2-A2P6-01A-11D-A19Y-09: 7 subs



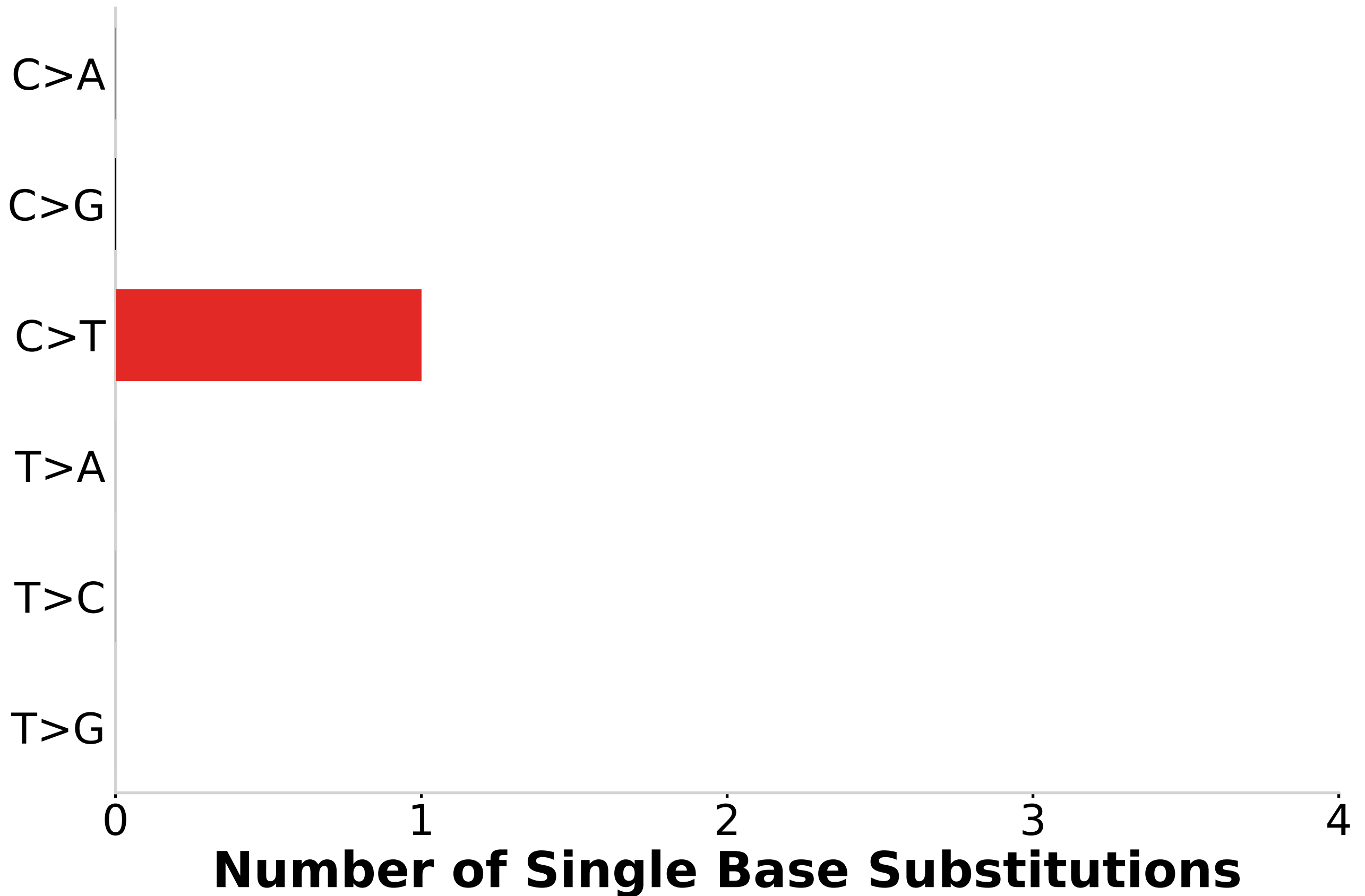
TCGA-E2-A56Z-01A-12D-A29N-09: 1 subs



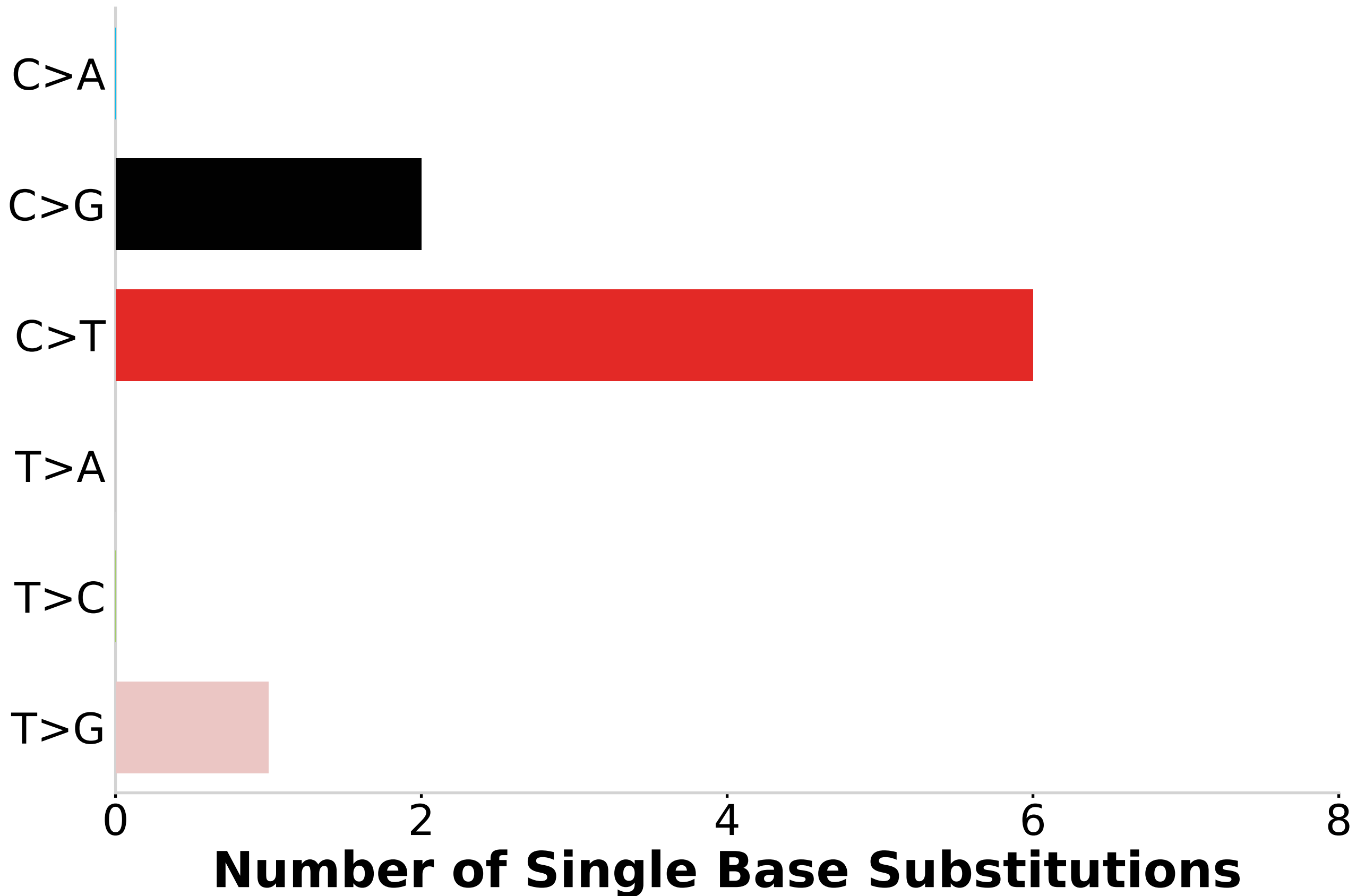
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TCGA-E2-A573-01A-11D-A29N-09: 1 subs



TCGA-E2-A574-01A-11D-A29N-09: 9 subs



TCGA-E2-A9RU-01A-11D-A41F-09: 5 subs

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Number of Single Base Substitutions



TCGA-E9-A1N4-01A-11D-A14K-09: 1 subs

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Number of Single Base Substitutions



TCGA-E9-A1N9-01A-11D-A14G-09: 1 subs



TCGA-E9-A1NA-01A-11D-A142-09: 6 subs

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C>G

C>T

T>A

T>C

T>G

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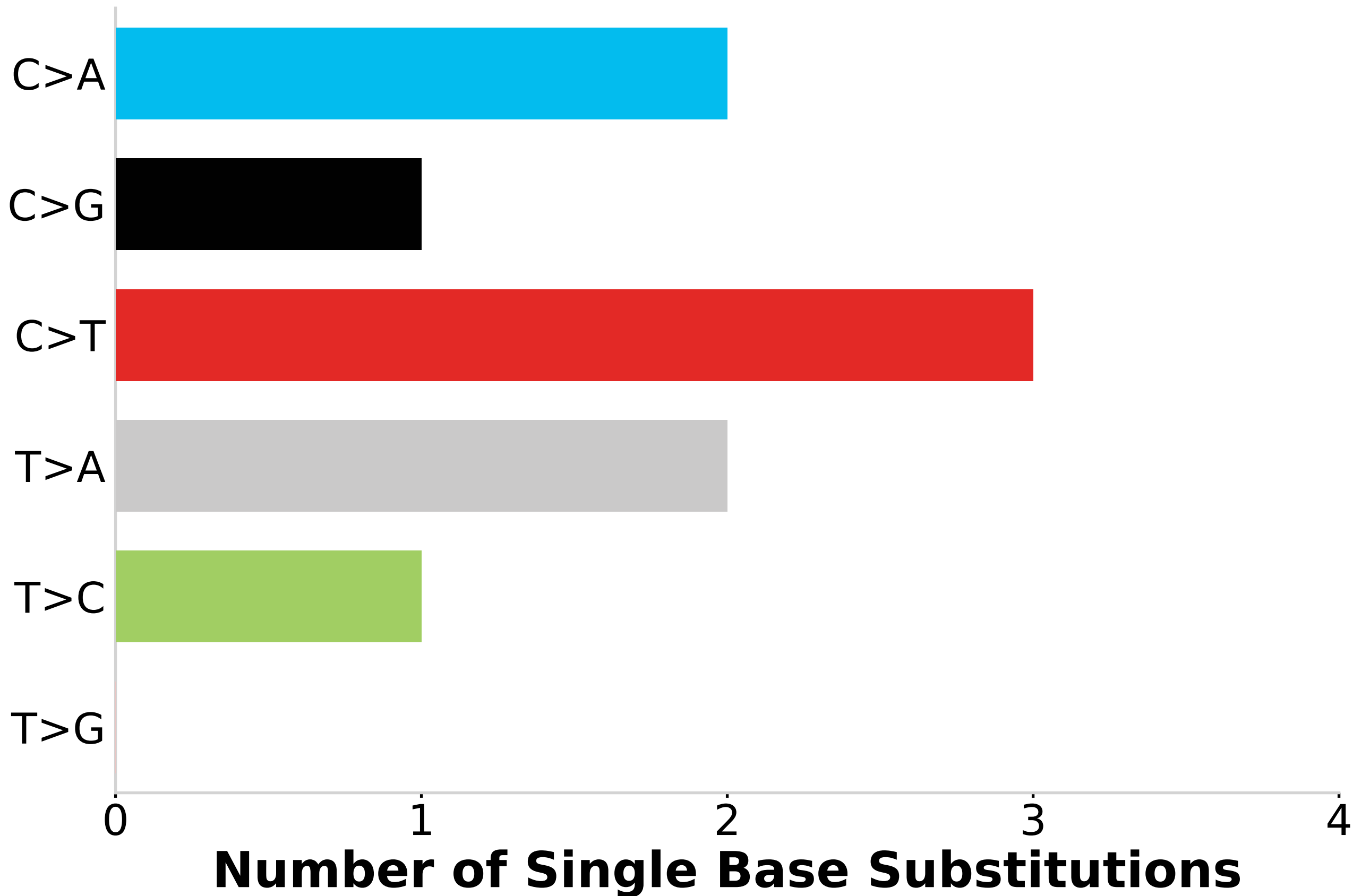
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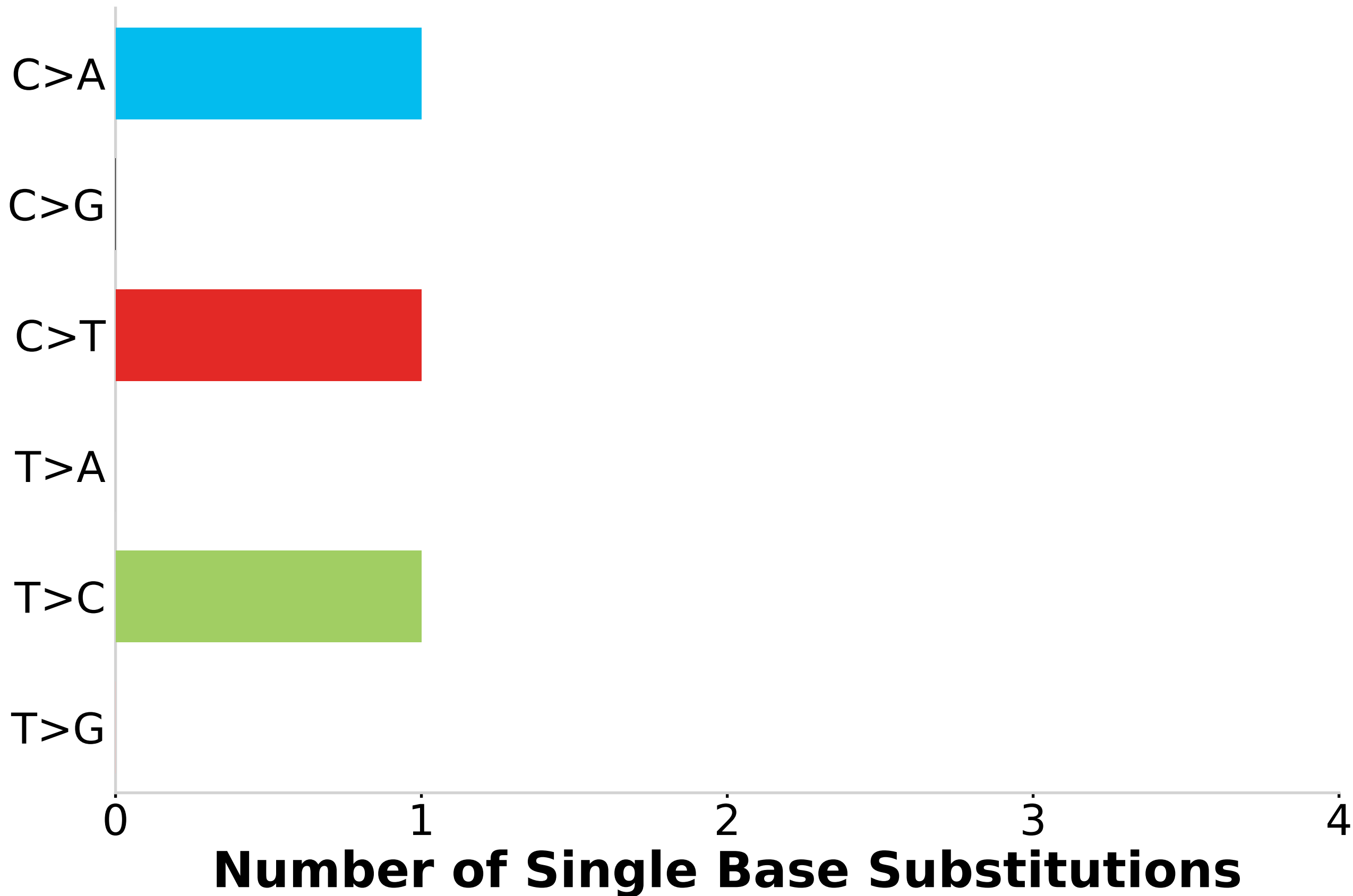
Number of Single Base Substitutions



TCGA-E9-A1NC-01A-12W-A16L-09: 9 subs



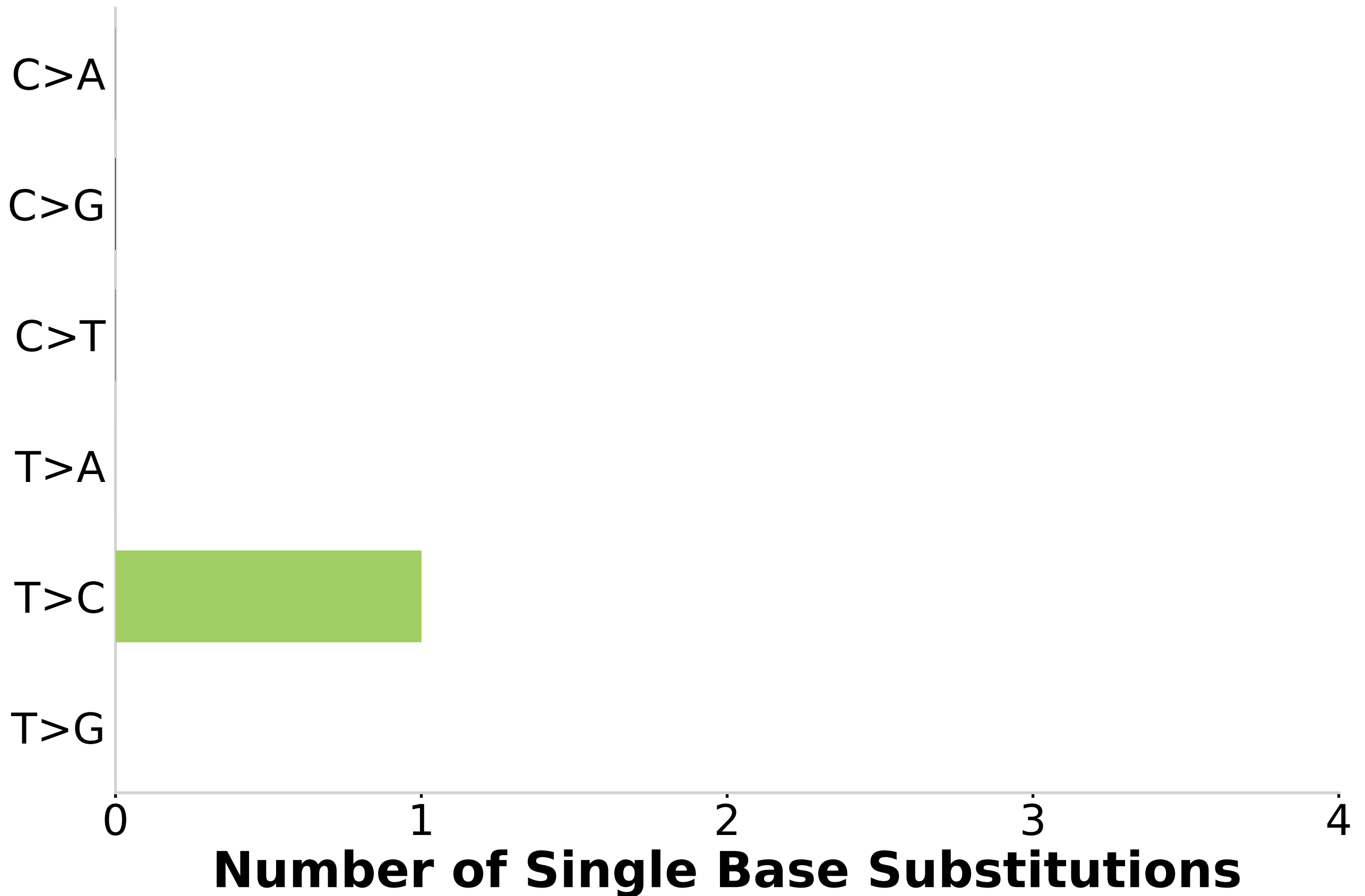
TCGA-E9-A1ND-01A-11D-A142-09: 3 subs



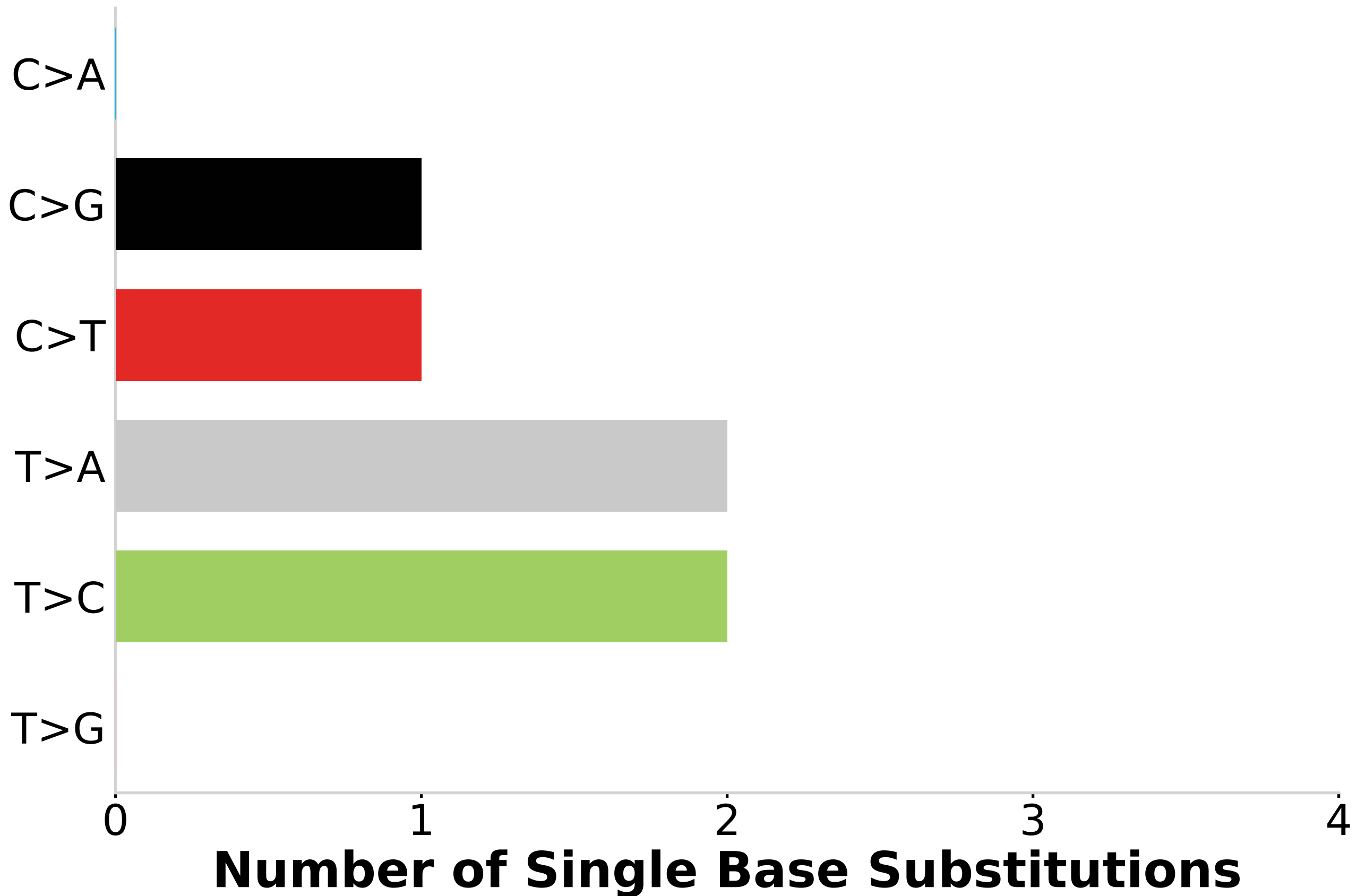
TCGA-E9-A1NG-01A-21D-A14K-09: 1 subs



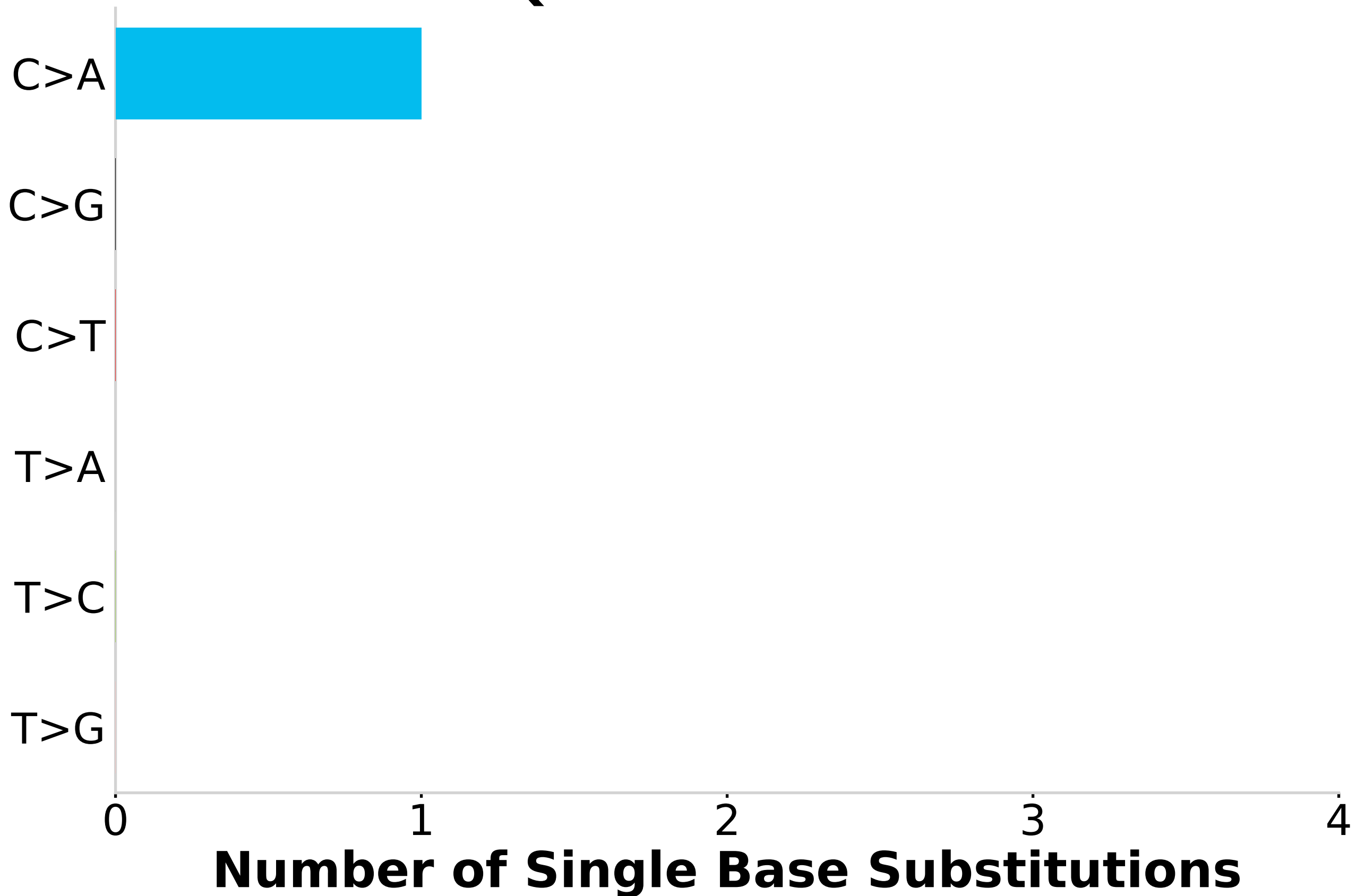
TCGA-E9-A1NH-01A-11D-A14G-09: 1 subs



TCGA-E9-A1NI-01A-11W-A16H-09: 6 subs



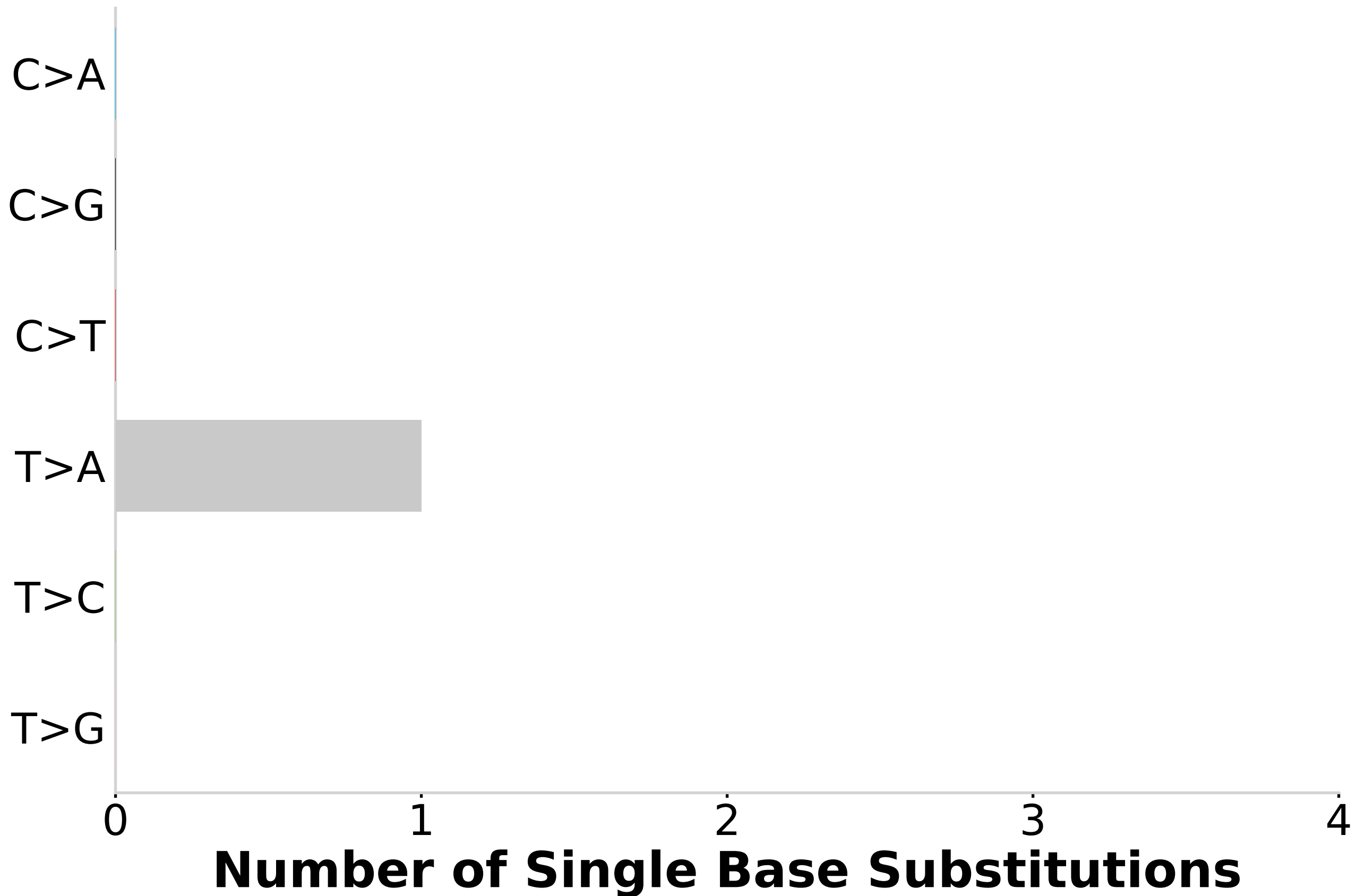
TCGA-E9-A1QZ-01A-21D-A167-09: 1 subs



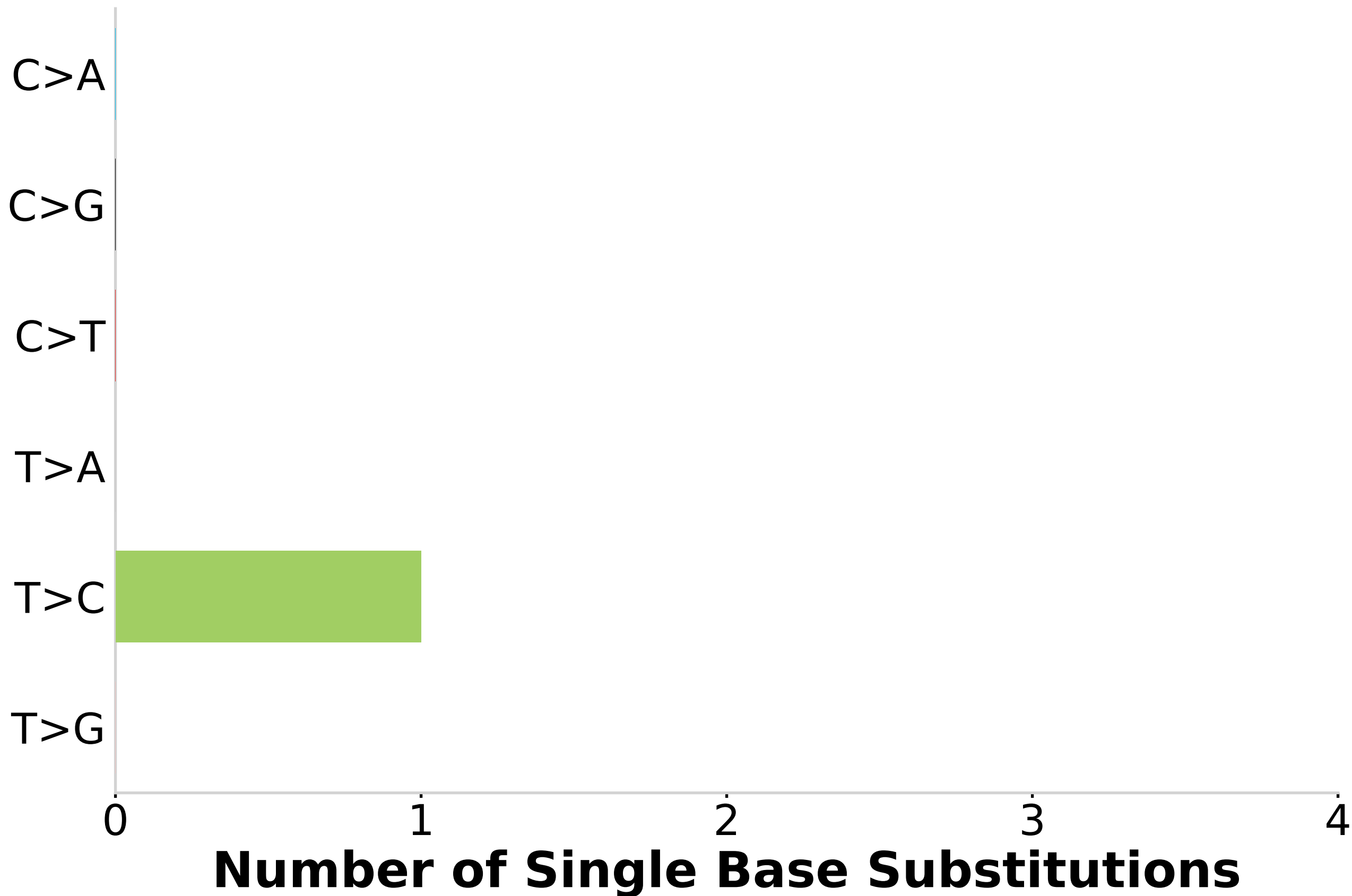
TCGA-E9-A1R0-01A-22D-A16D-09: 1 subs



TCGA-E9-A1R2-01A-11D-A14G-09: 1 subs



TCGA-E9-A1R3-01A-31D-A14K-09: 1 subs



TCGA-E9-A1R4-01A-21D-A14G-09: 4 subs

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C>G

C>T

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T>C

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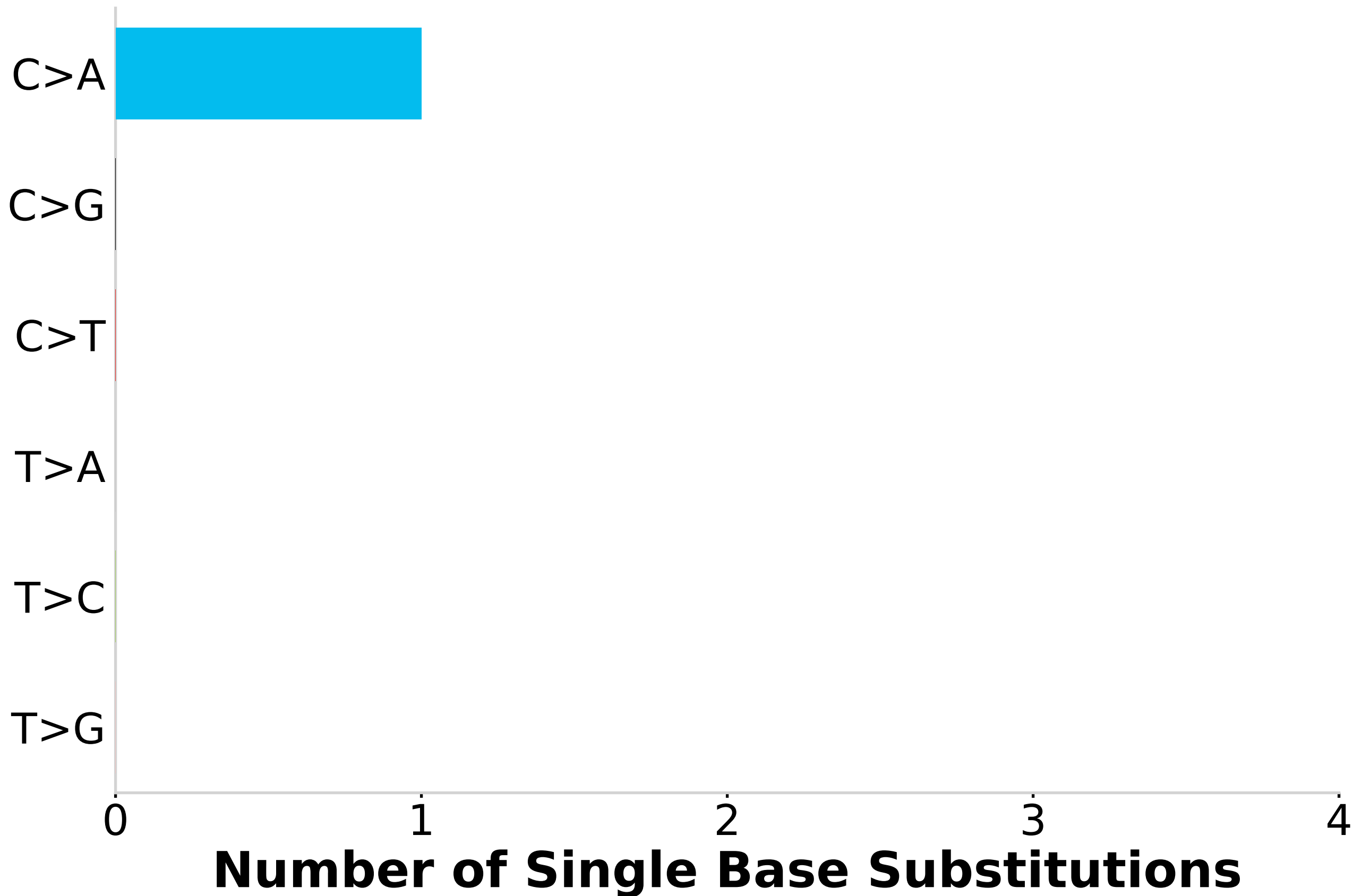
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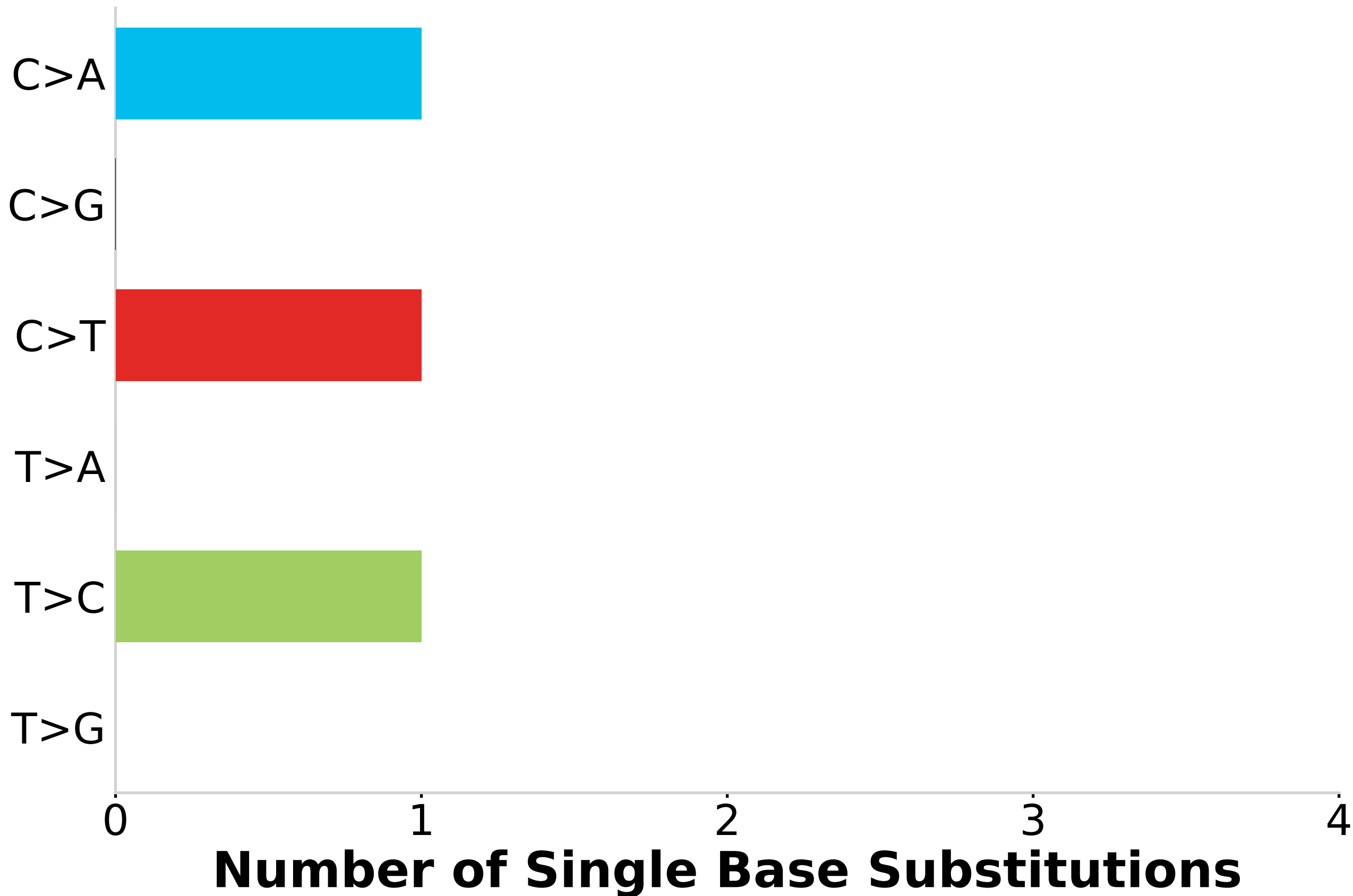
Number of Single Base Substitutions



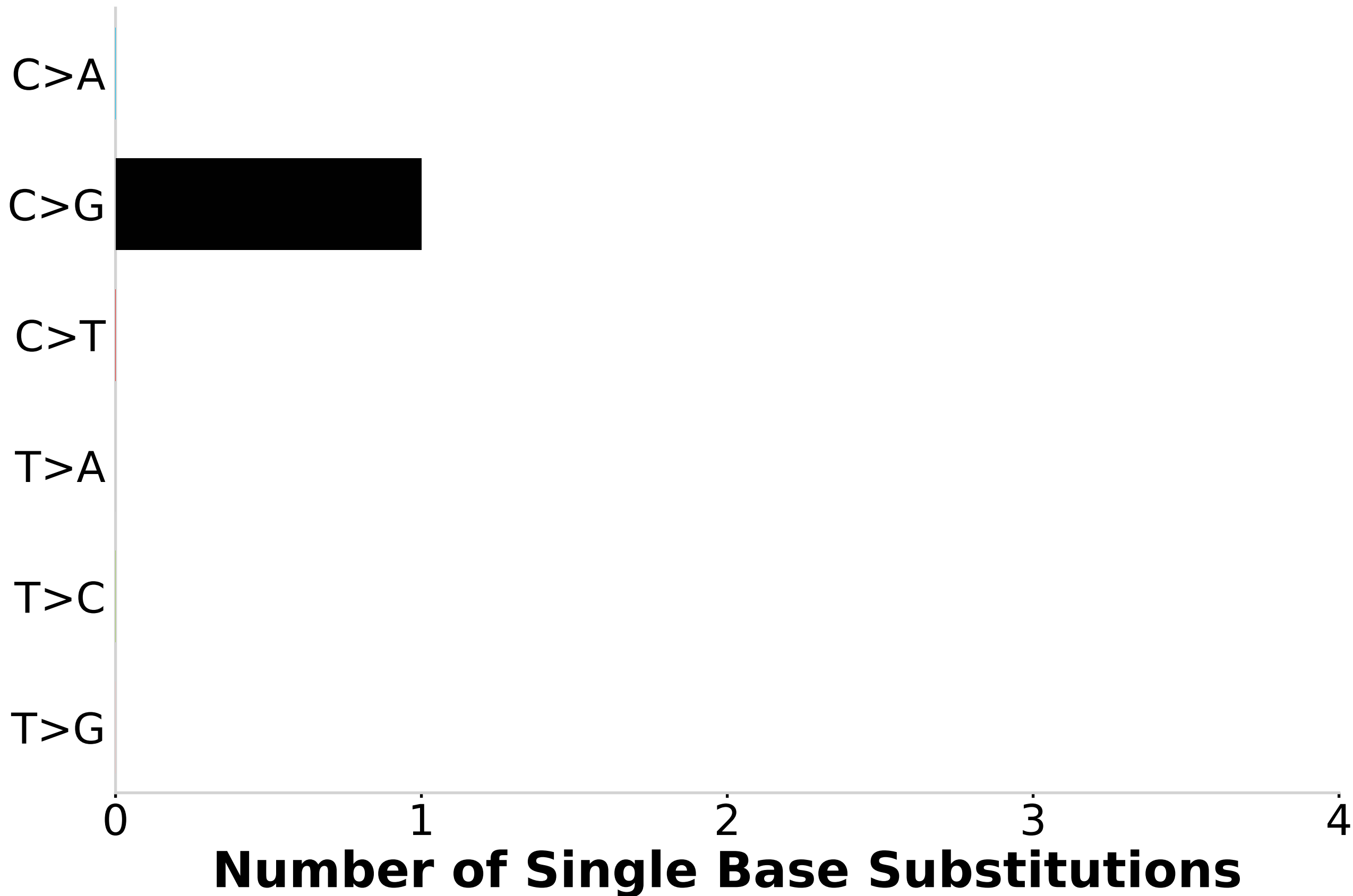
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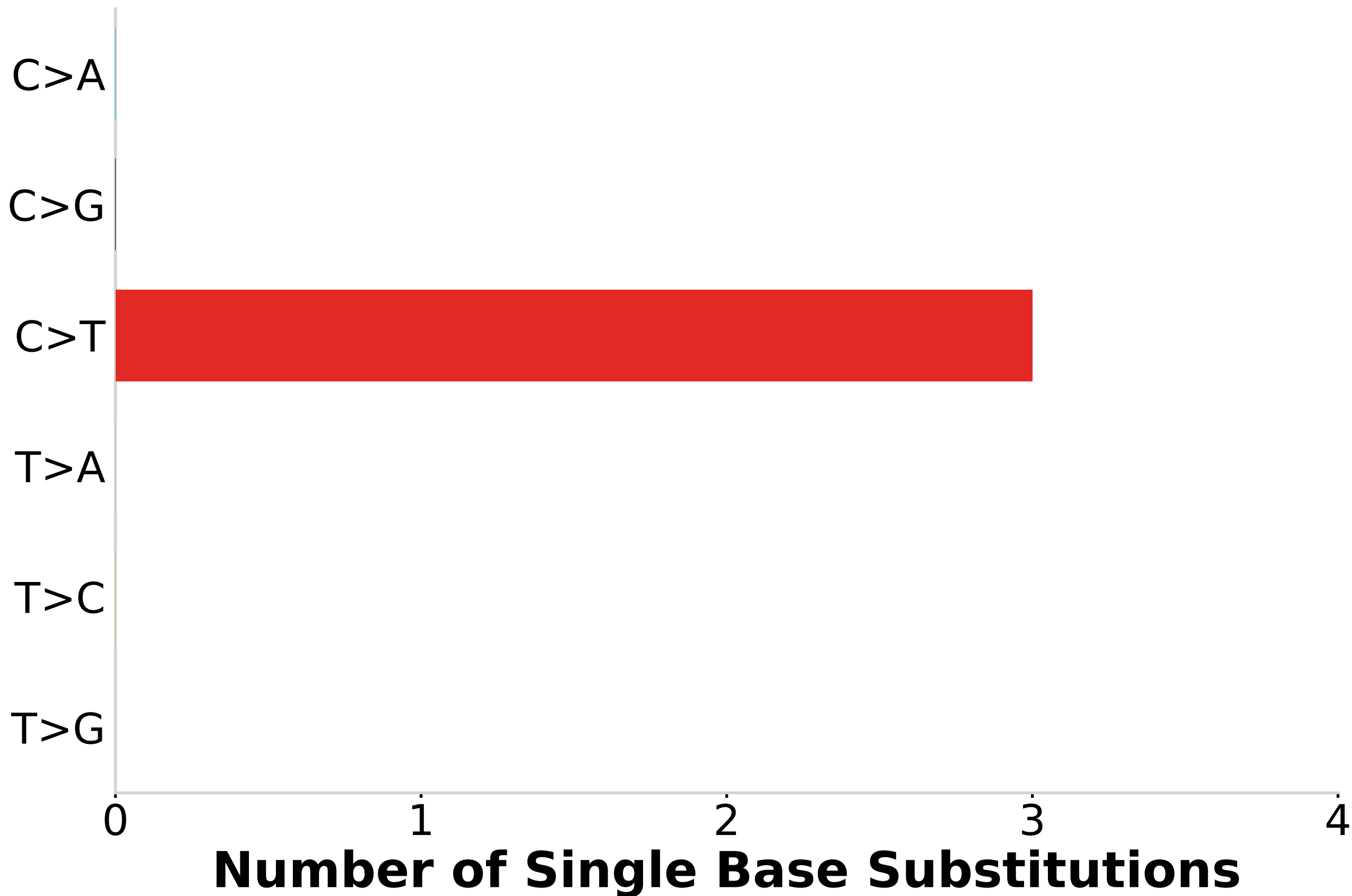
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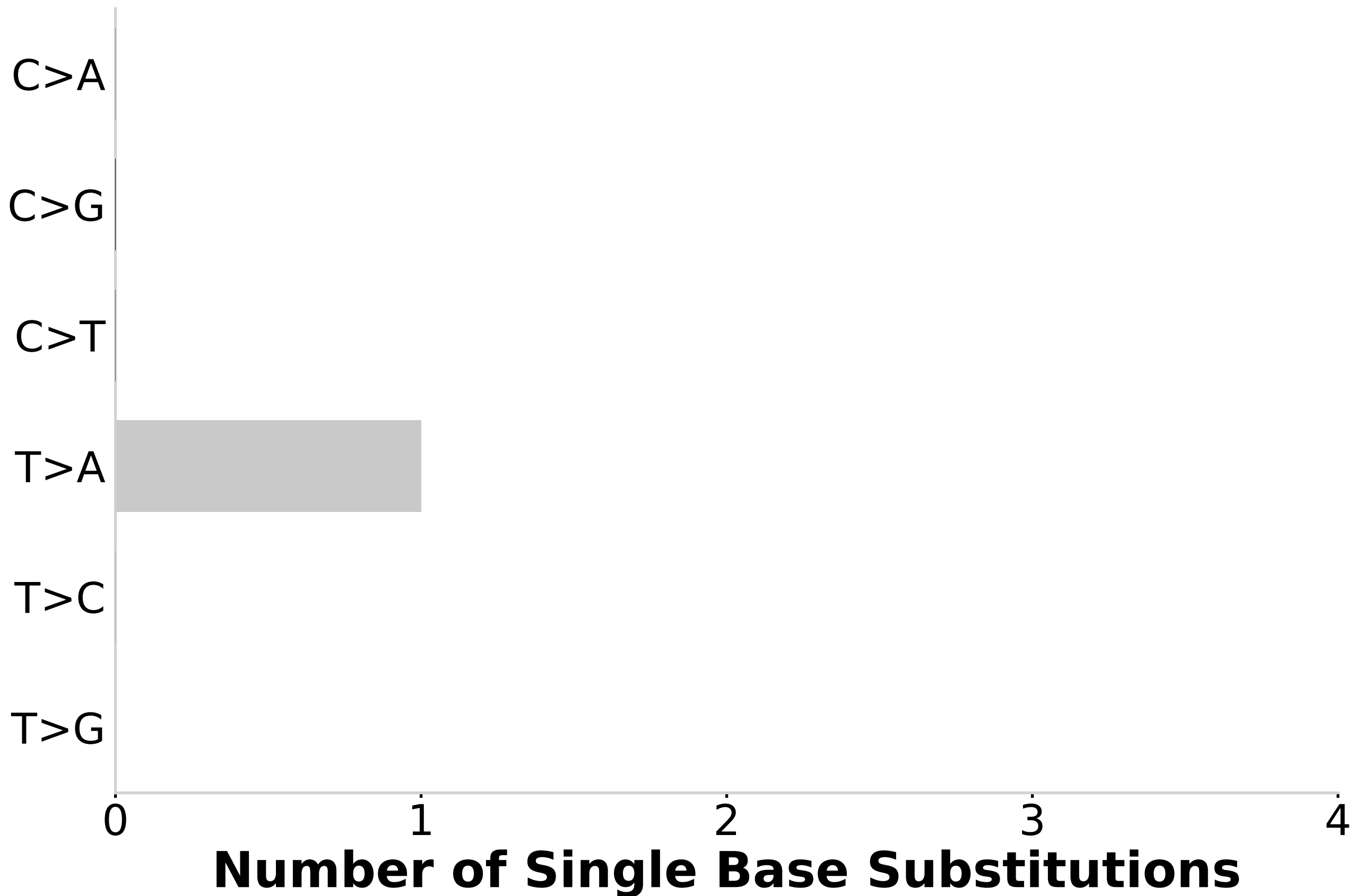
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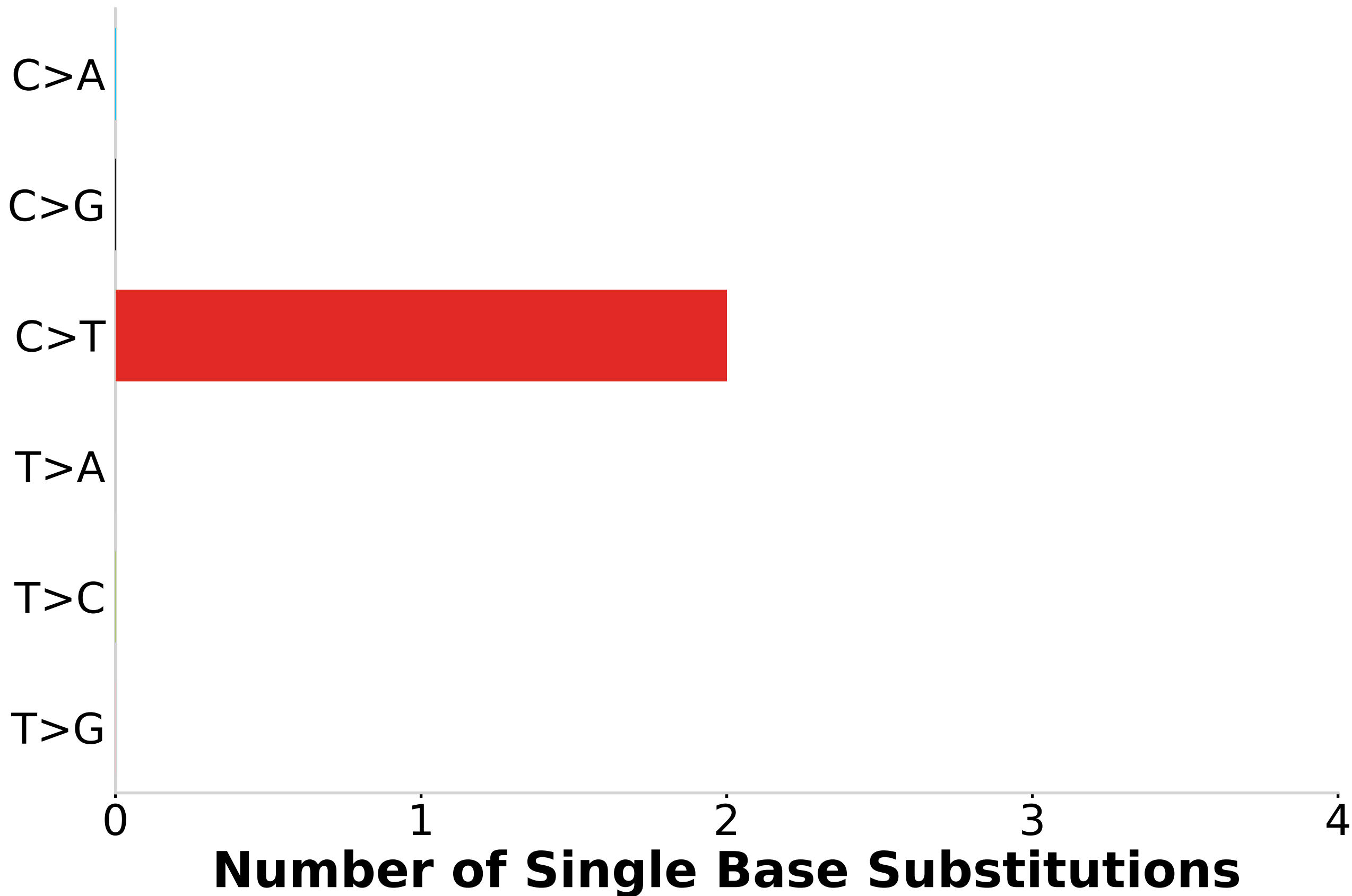
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TCGA-E9-A1RG-01A-11D-A14G-09: 1 subs



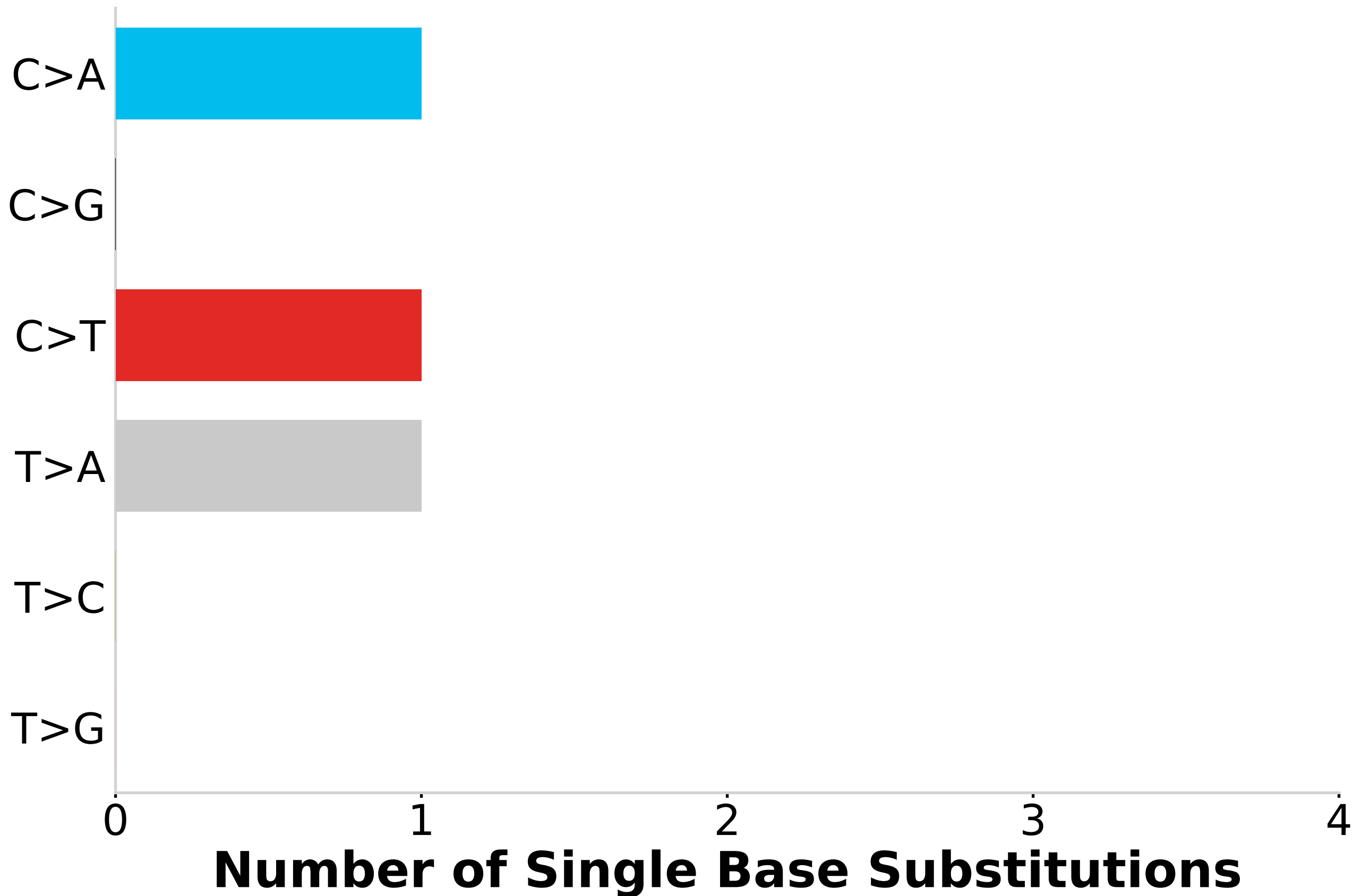
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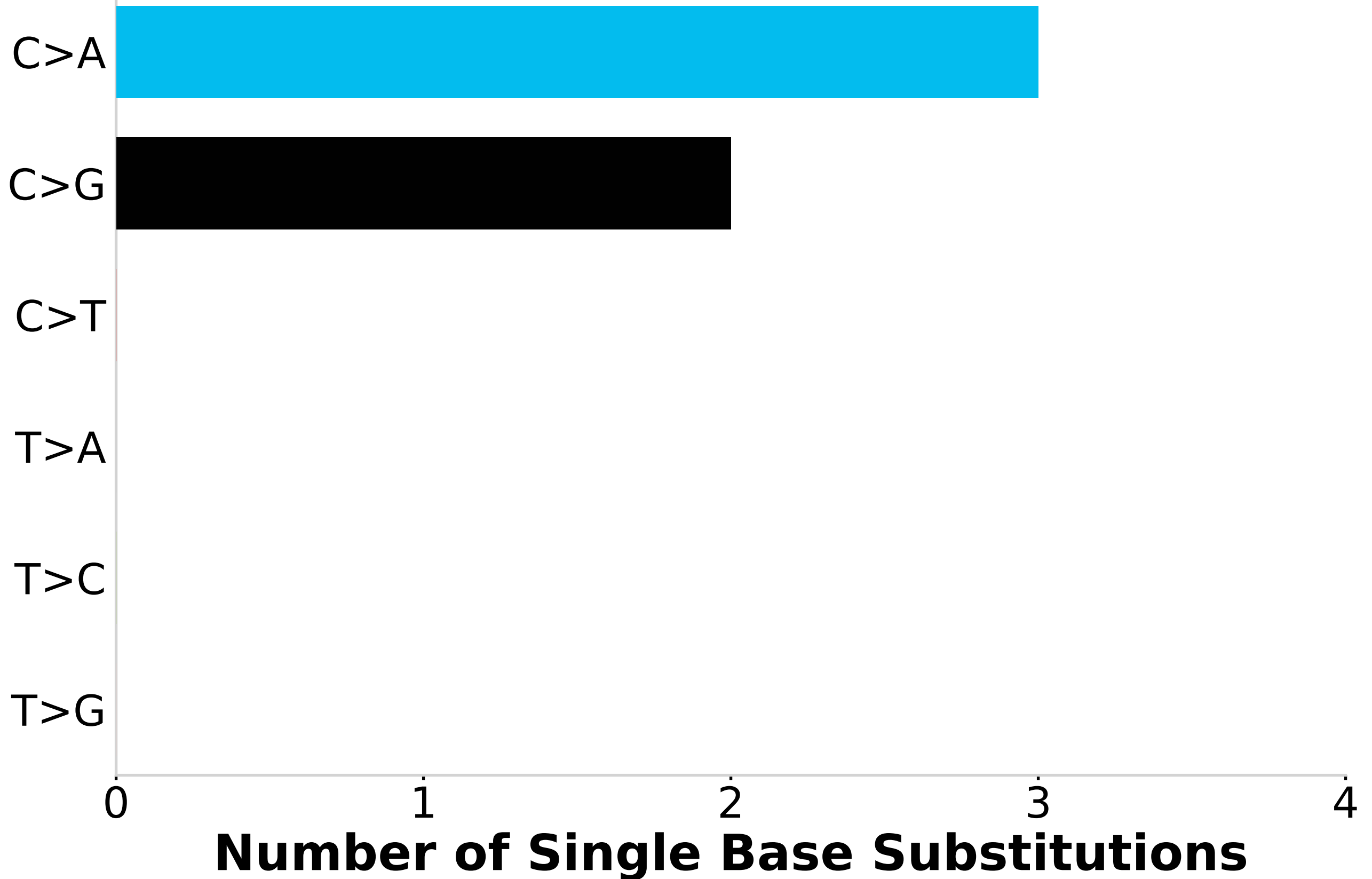
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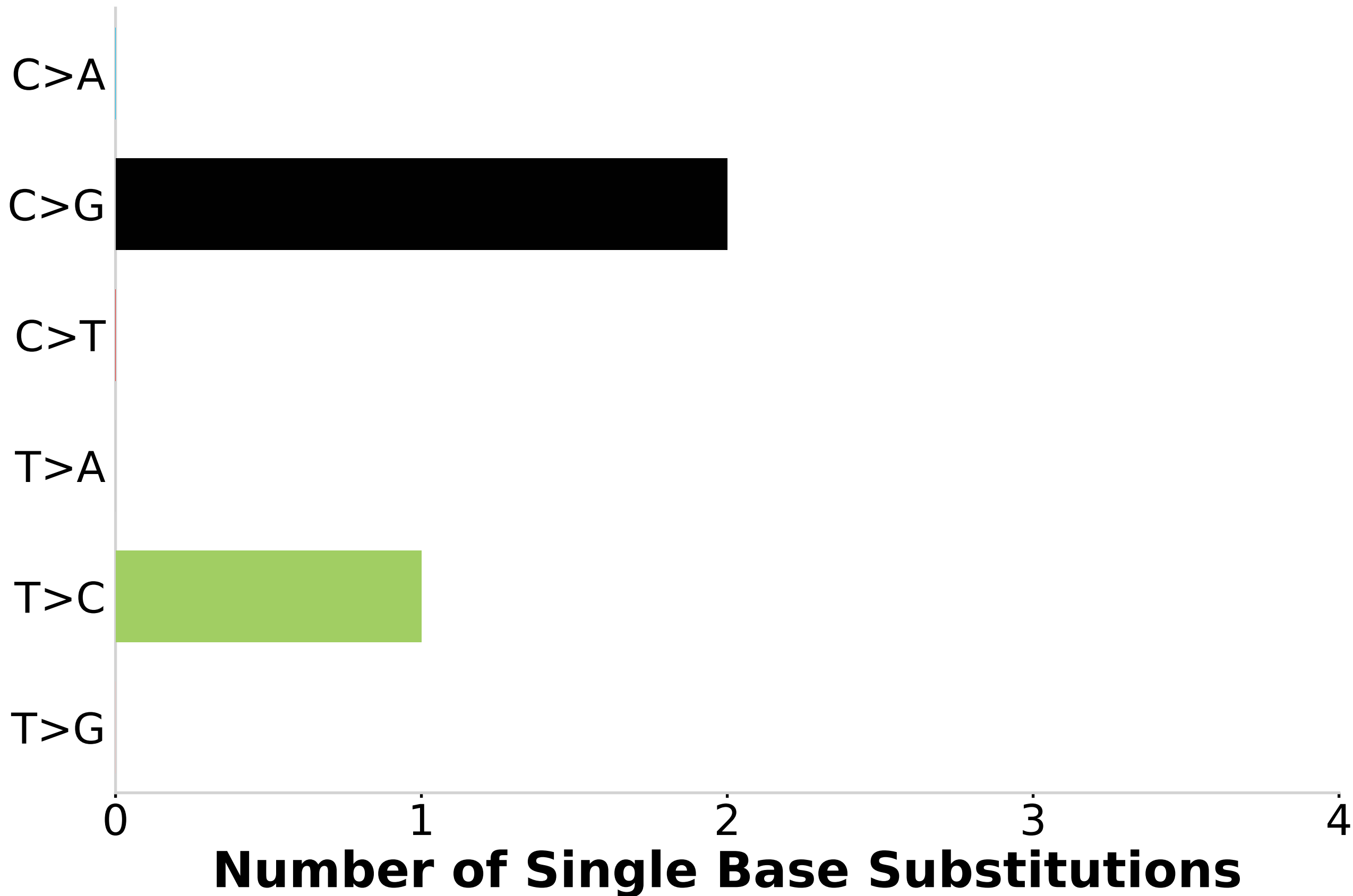
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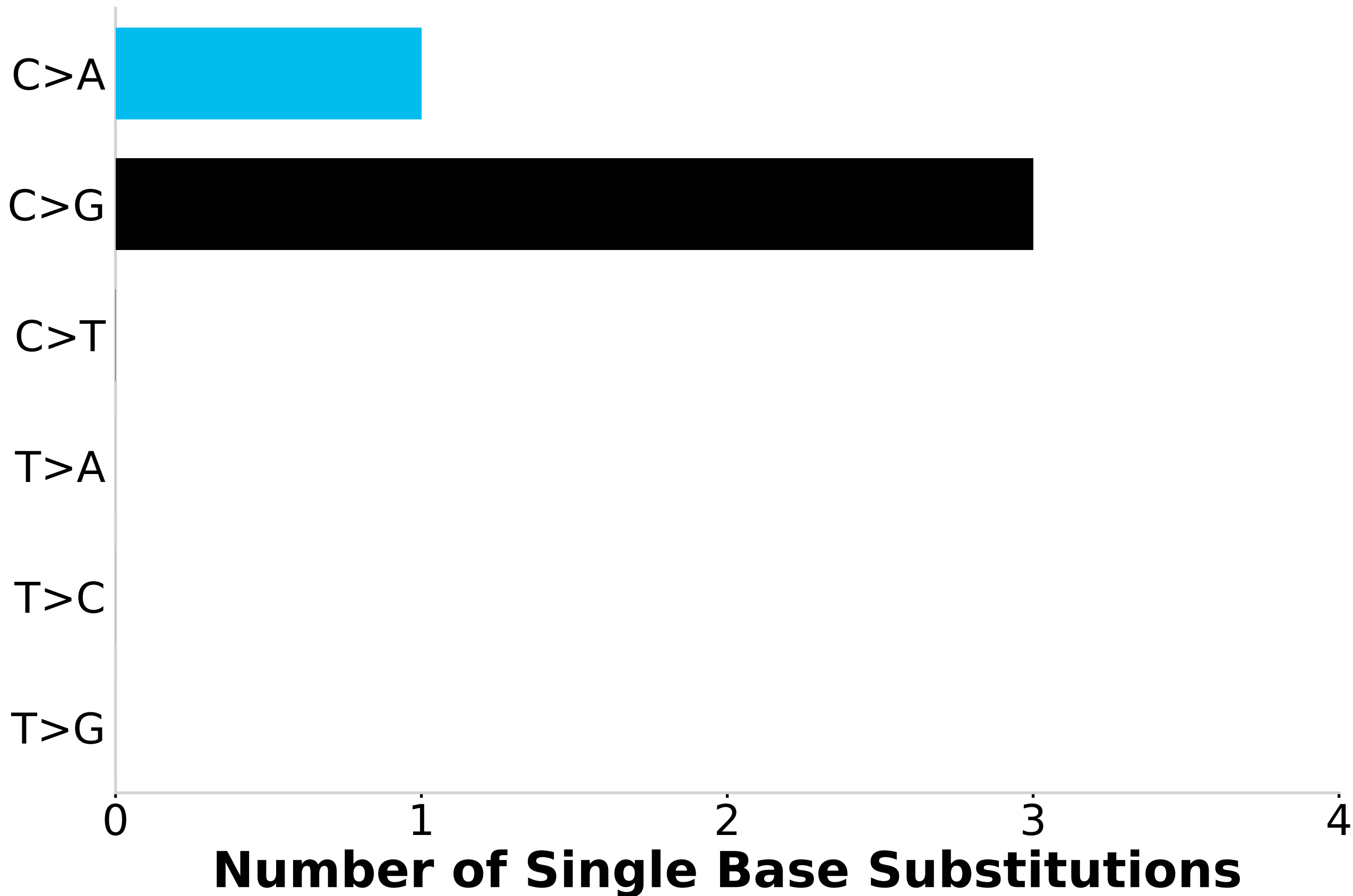
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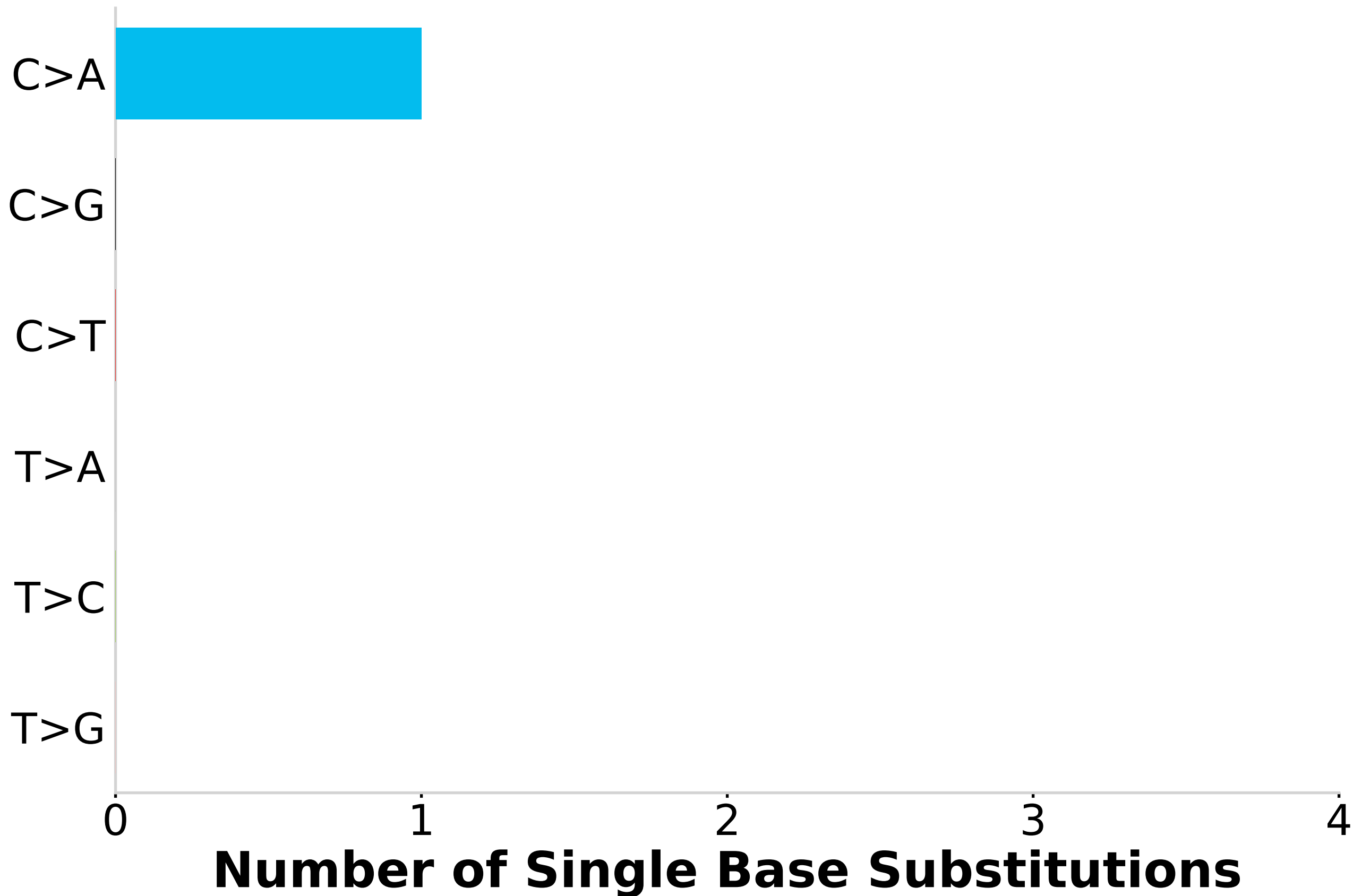
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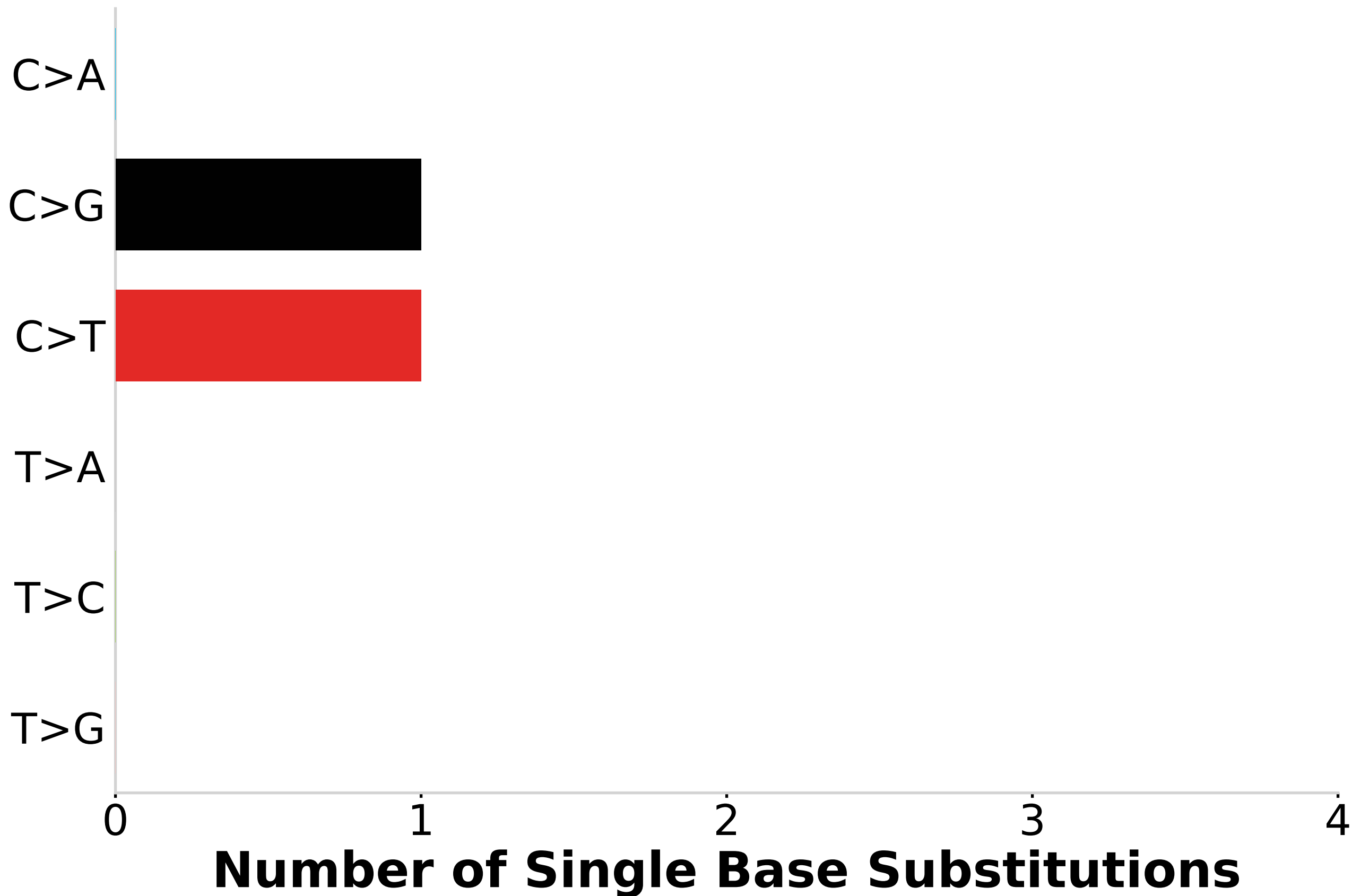
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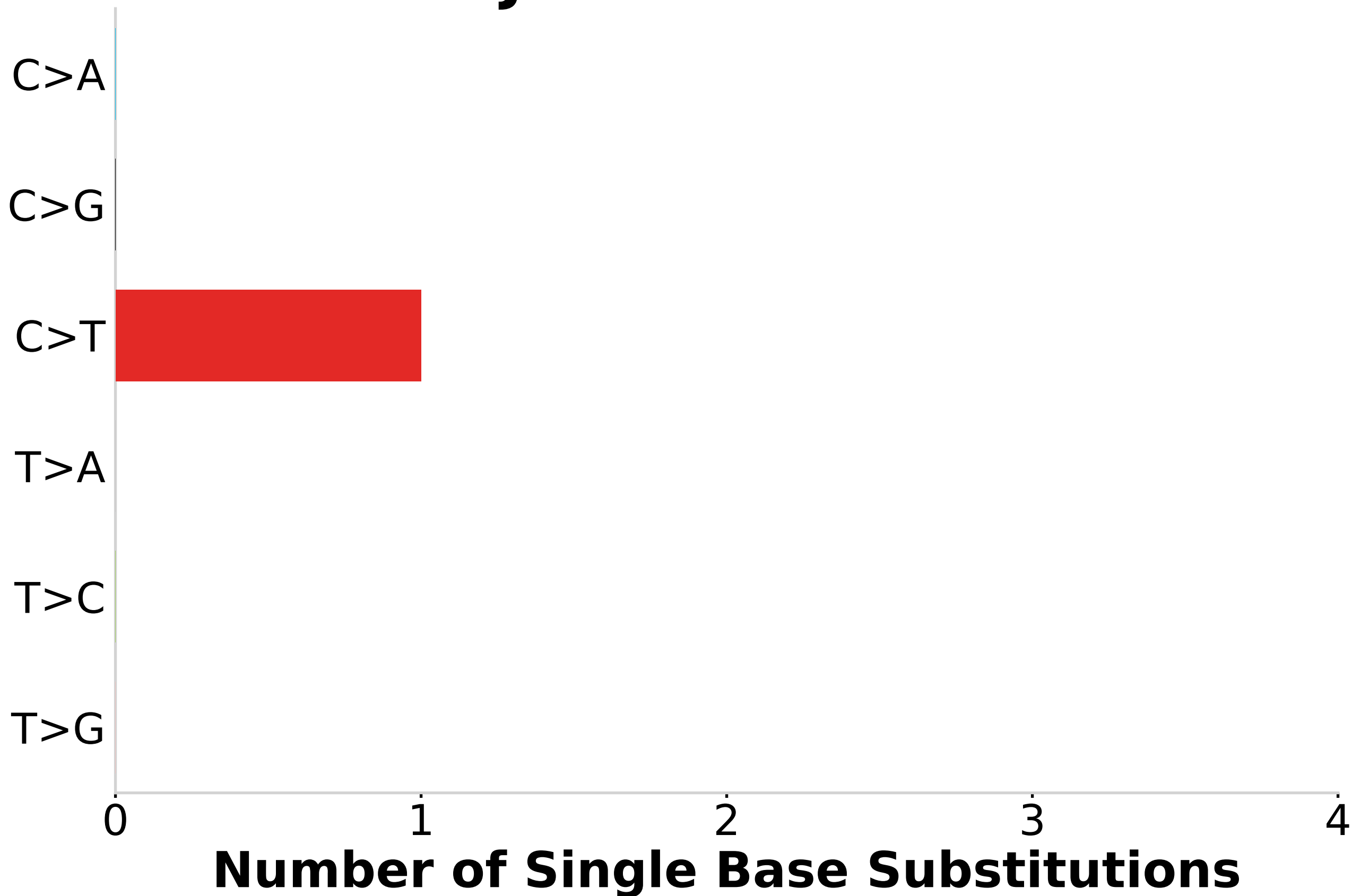
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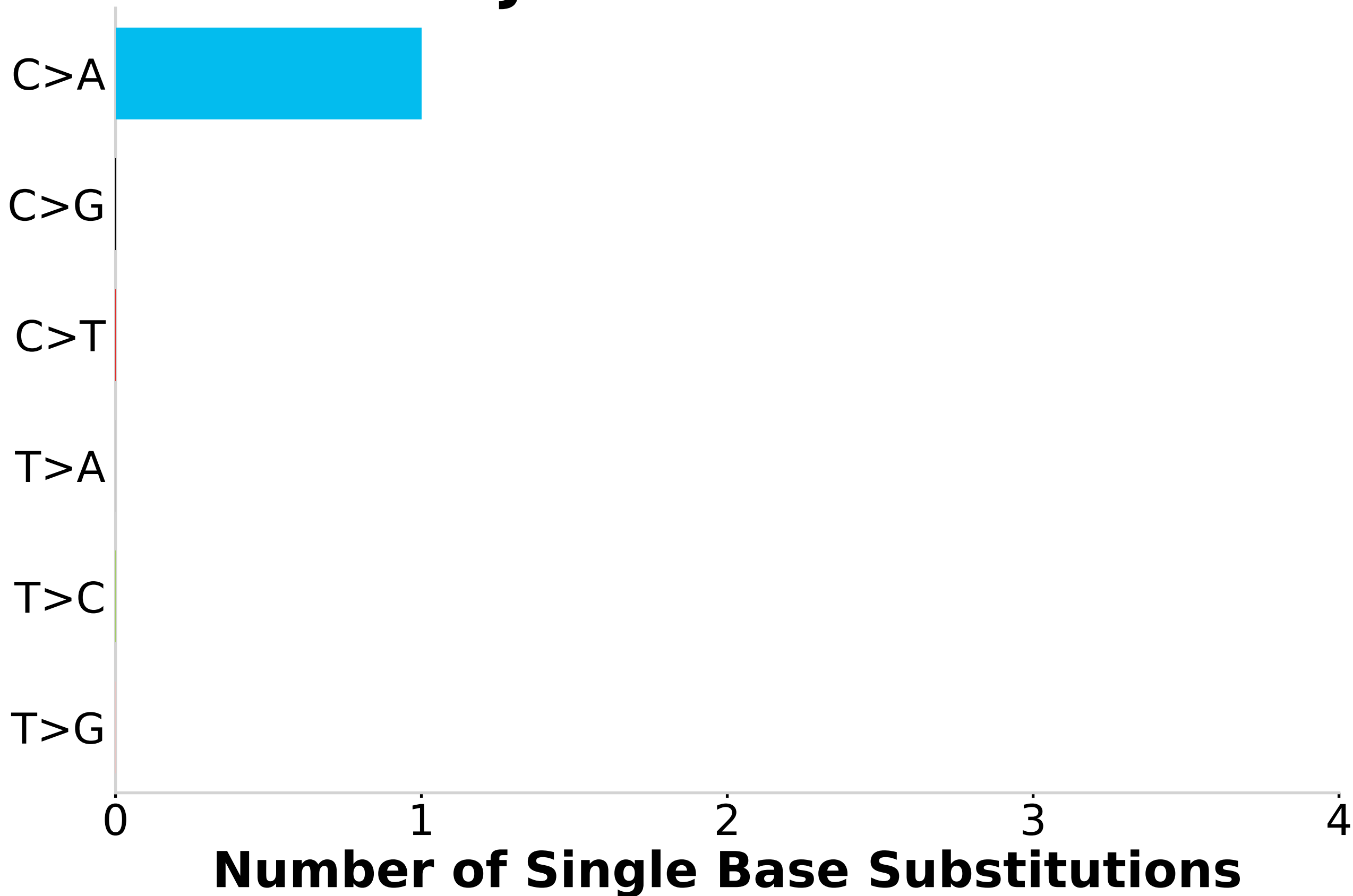
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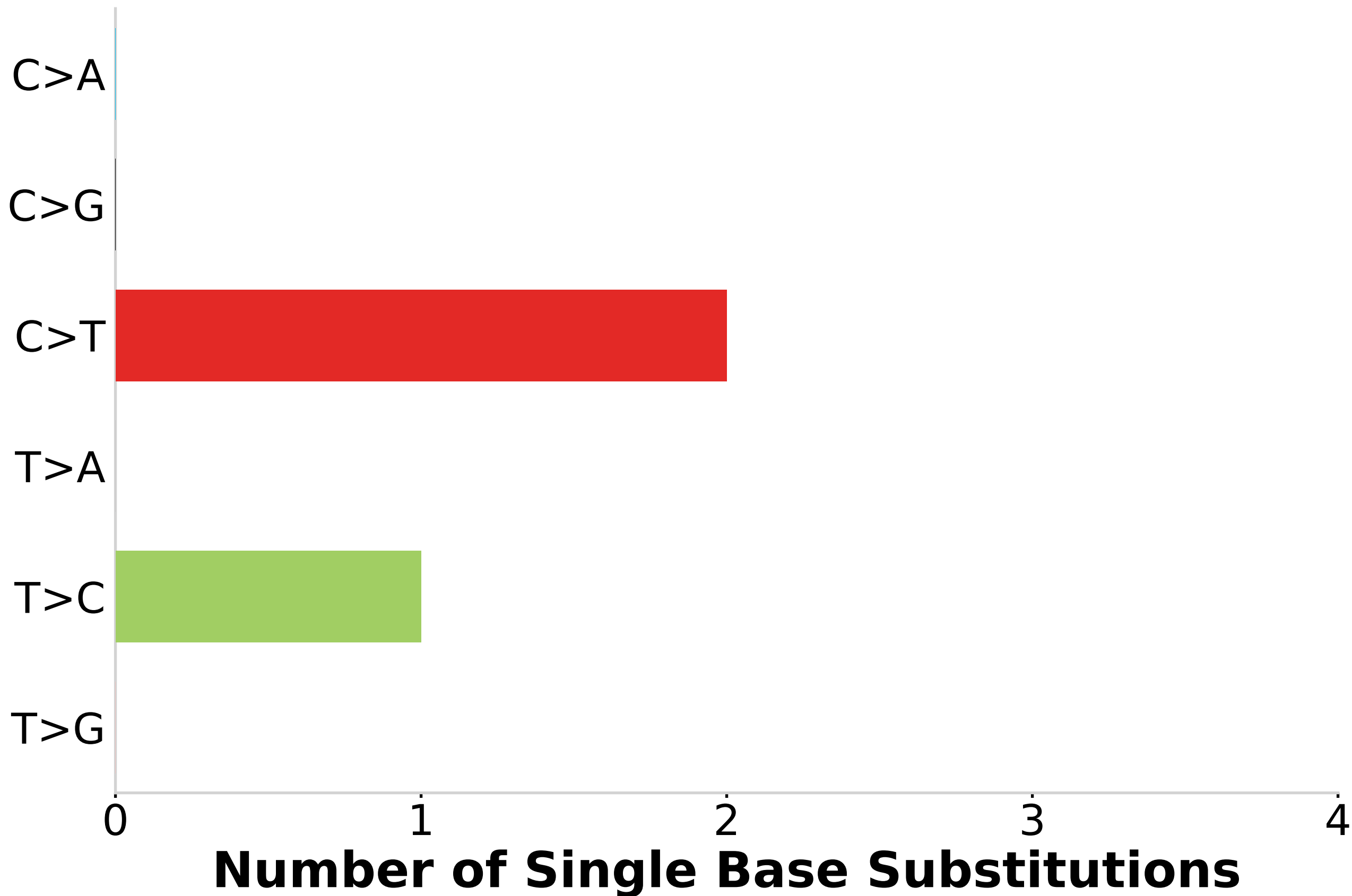
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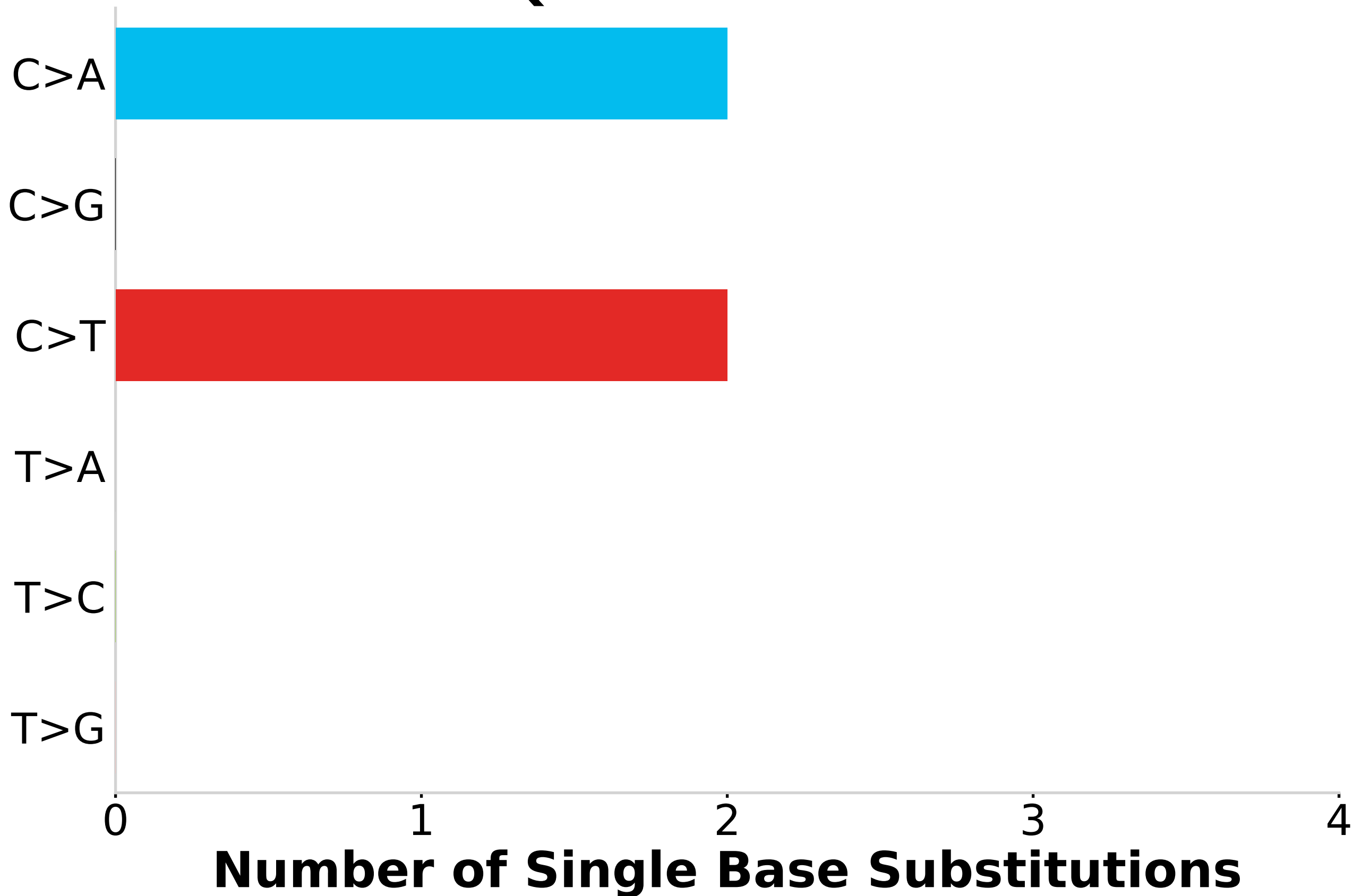
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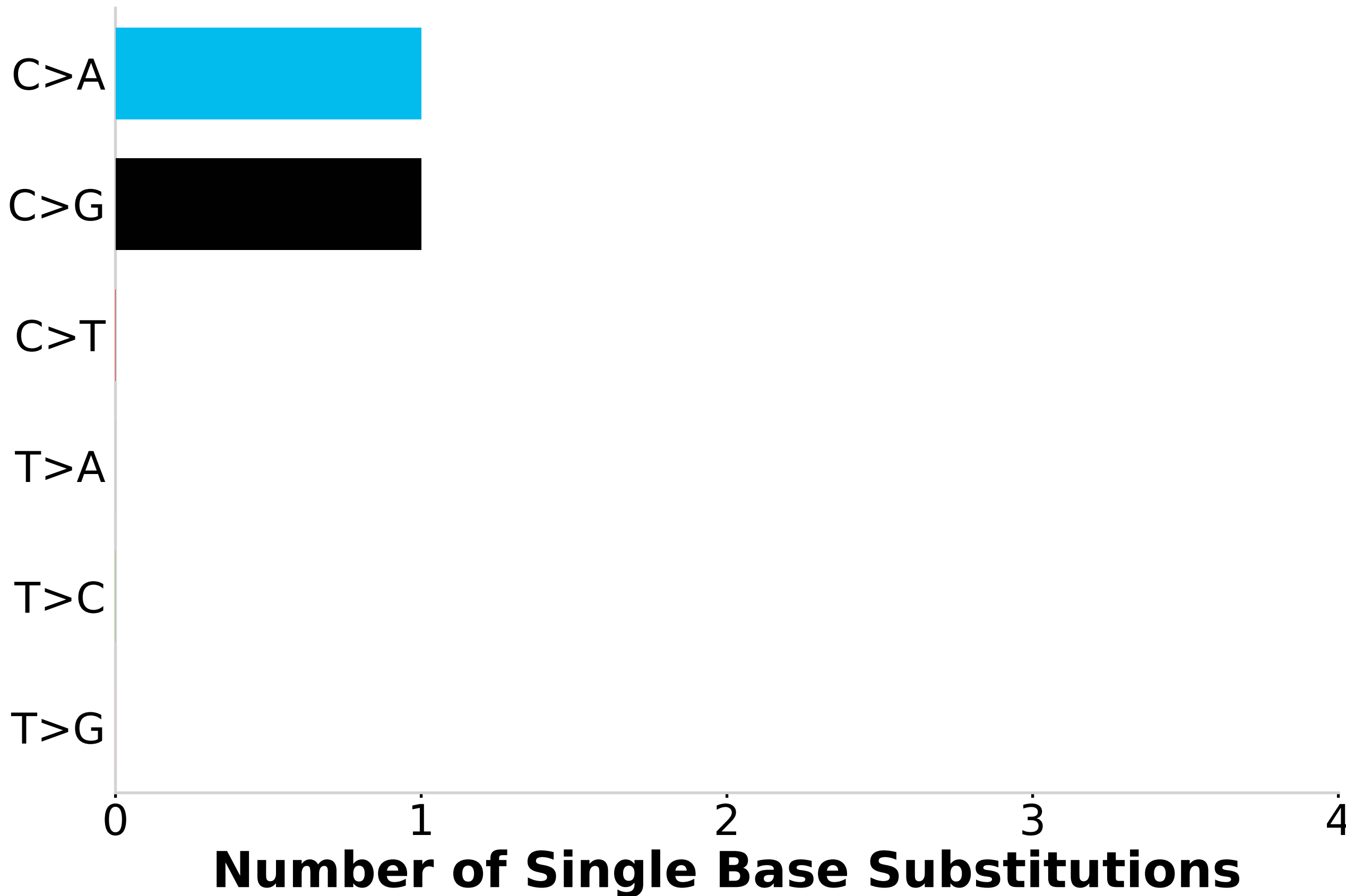
TCGA-E9-A3HO-01A-11D-A20S-09: 3 subs



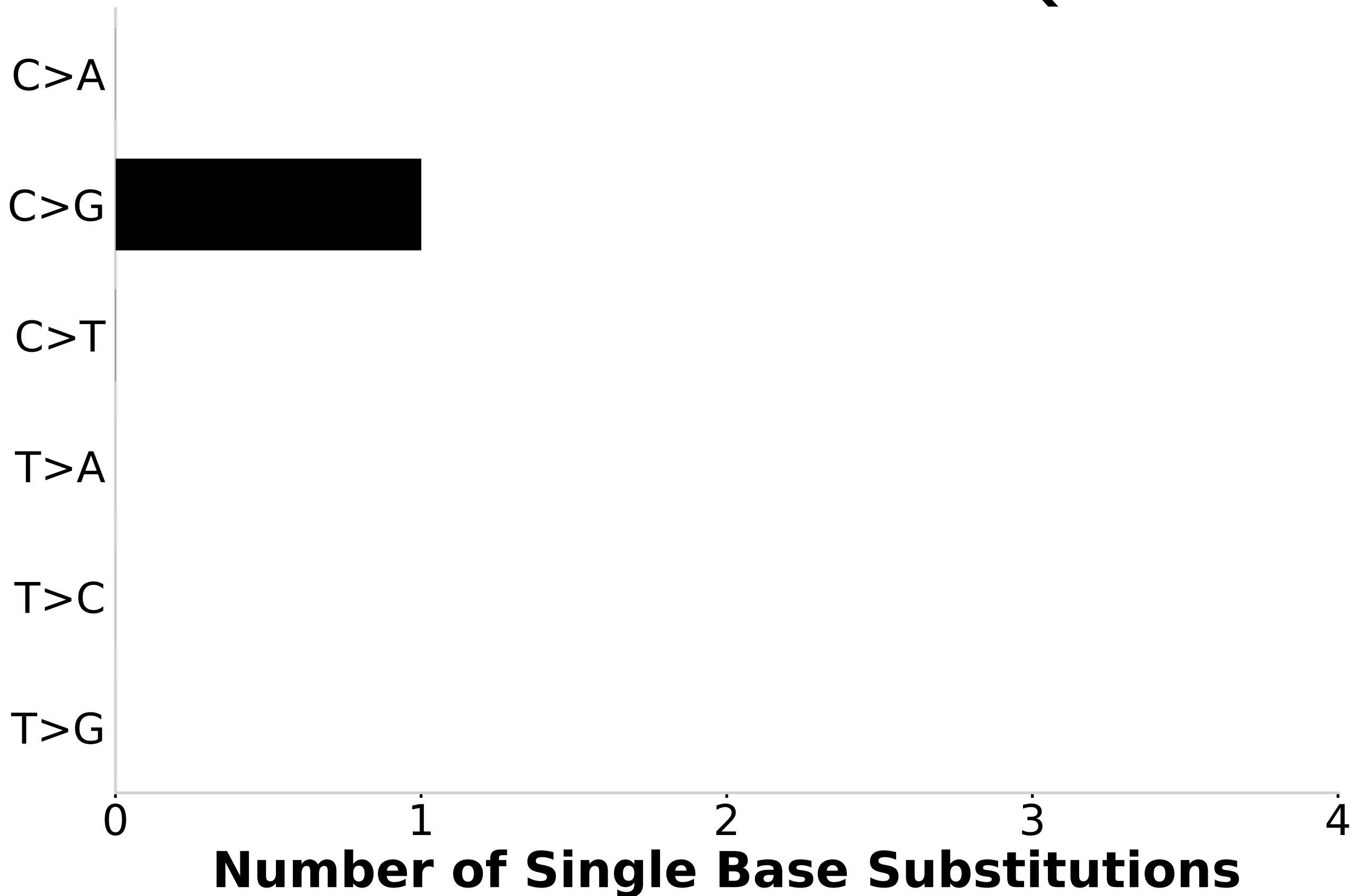
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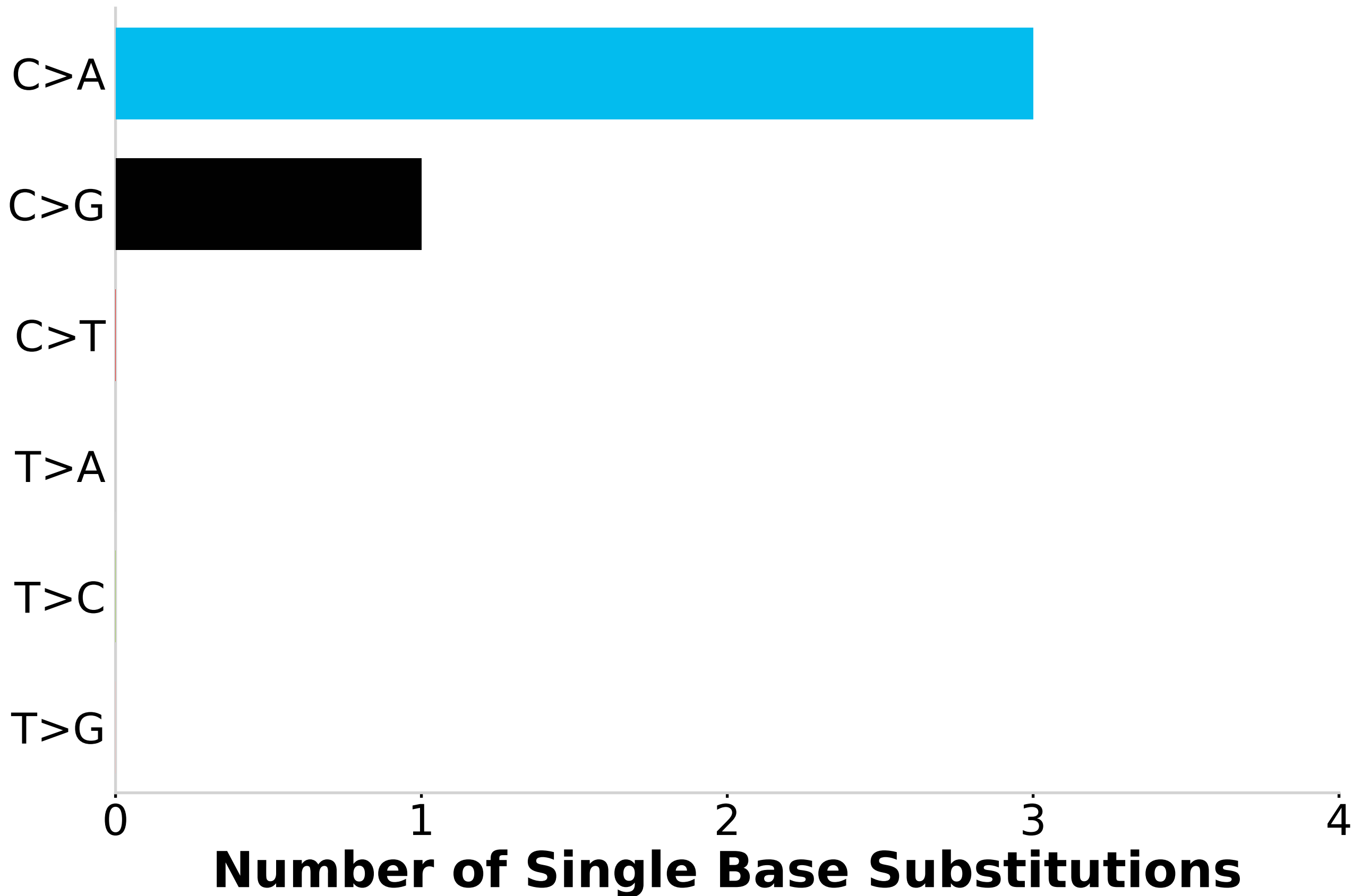
TCGA-E9-A3X8-01A-31D-A22X-09: 2 subs



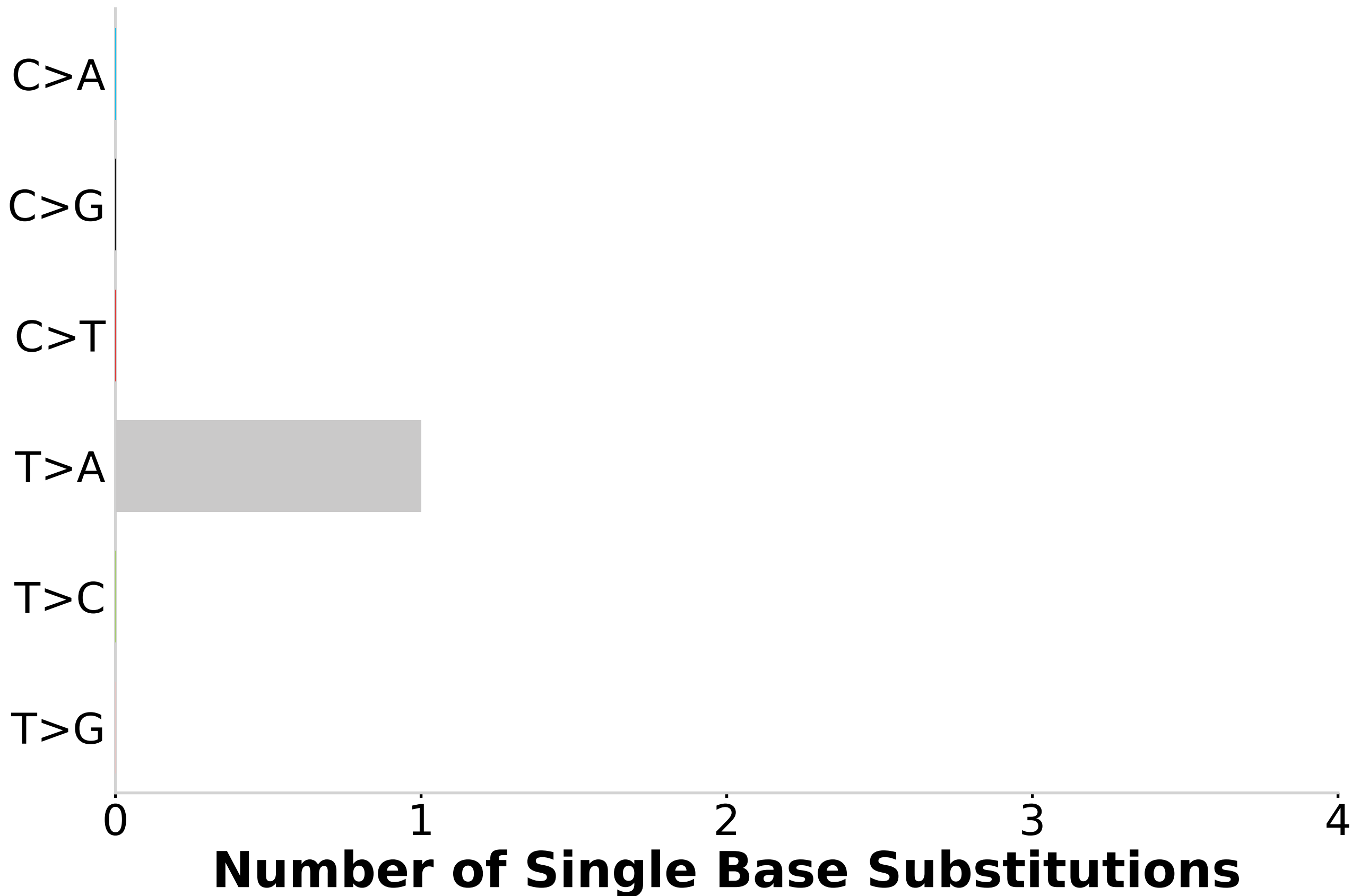
TCGA-E9-A54Y-01A-11D-A25Q-09: 1 subs



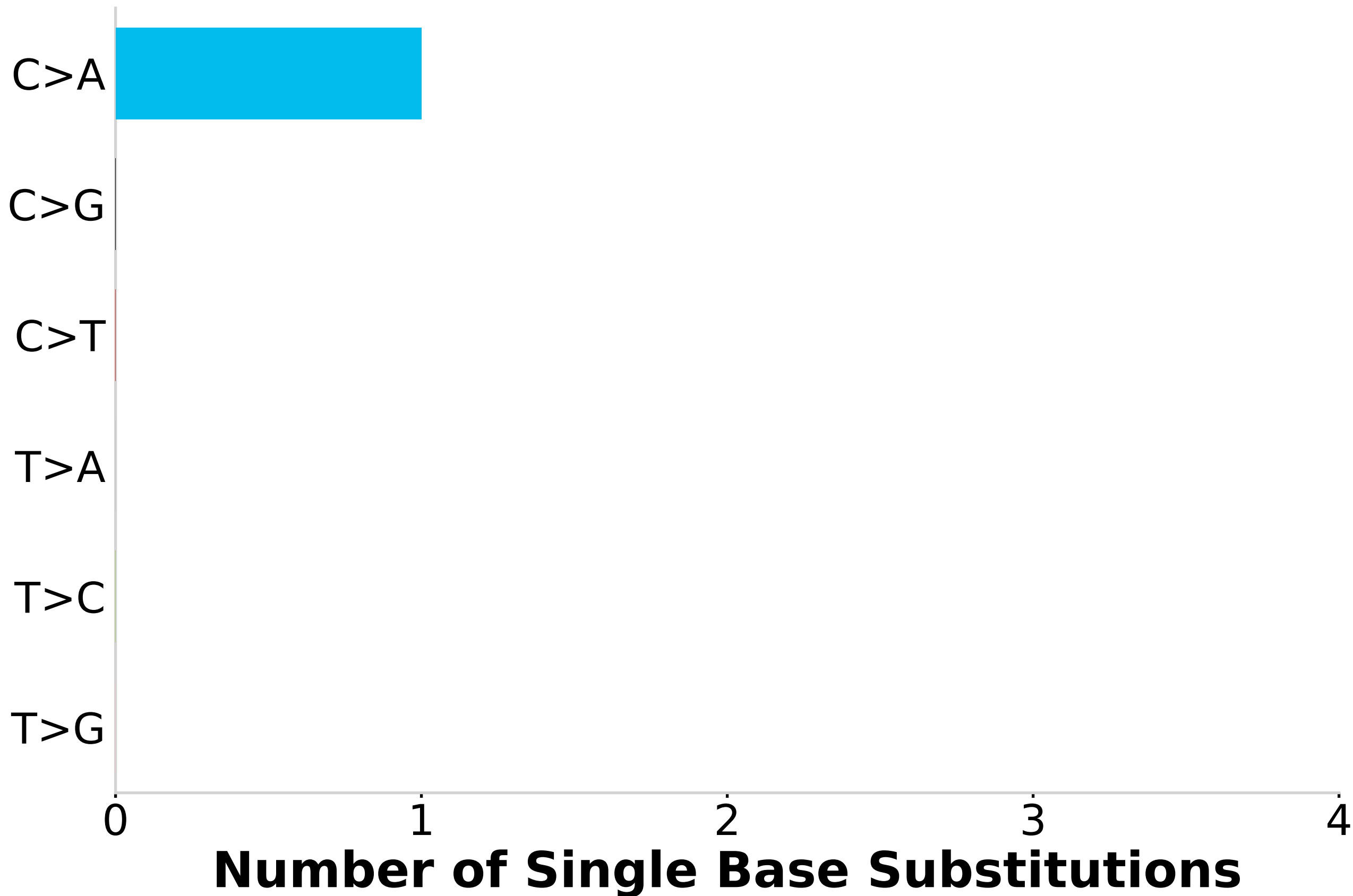
TCGA-E9-A5FL-01A-11D-A27P-09: 4 subs



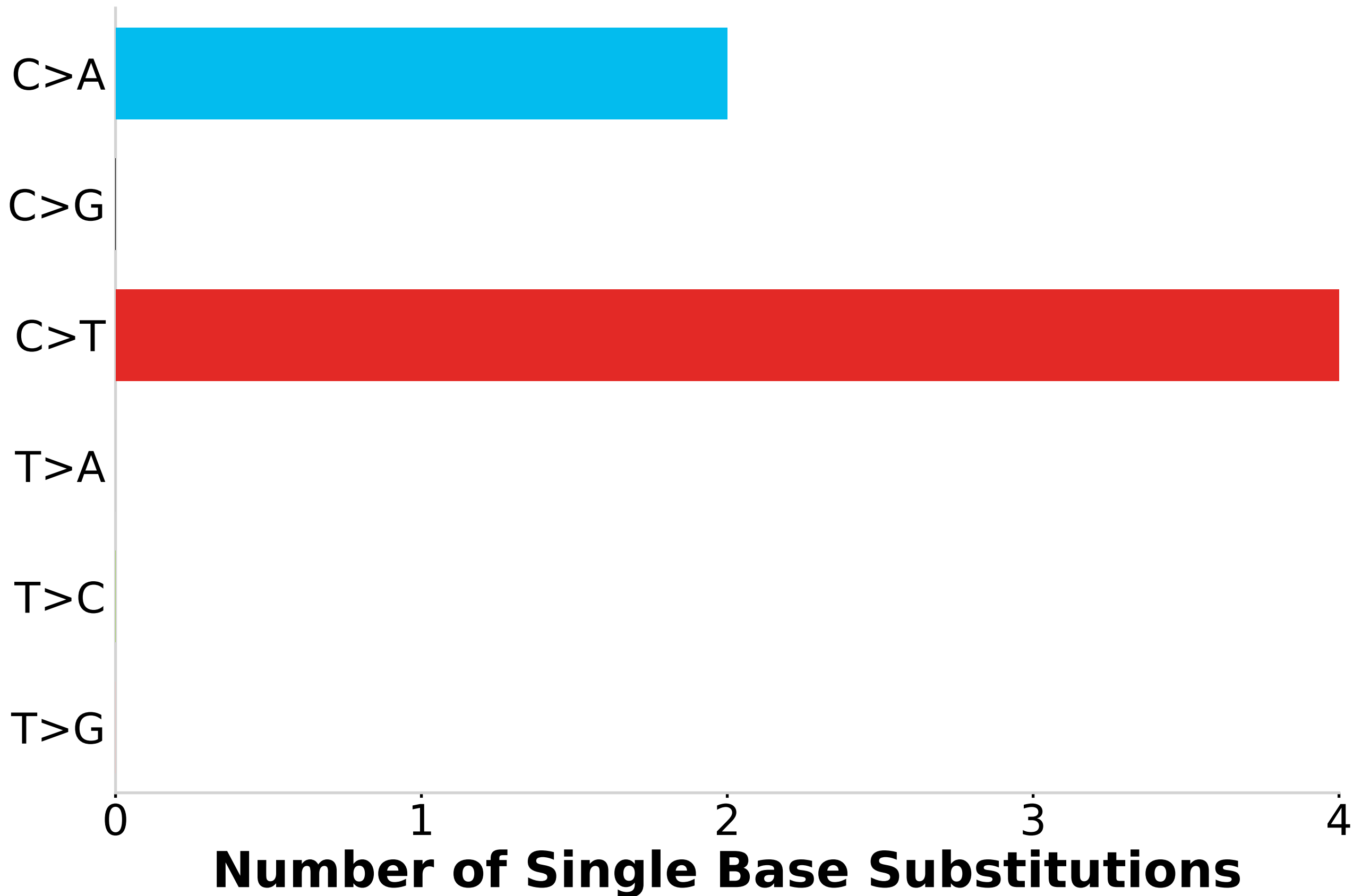
TCGA-E9-A6HE-01A-11D-A31U-09: 1 subs



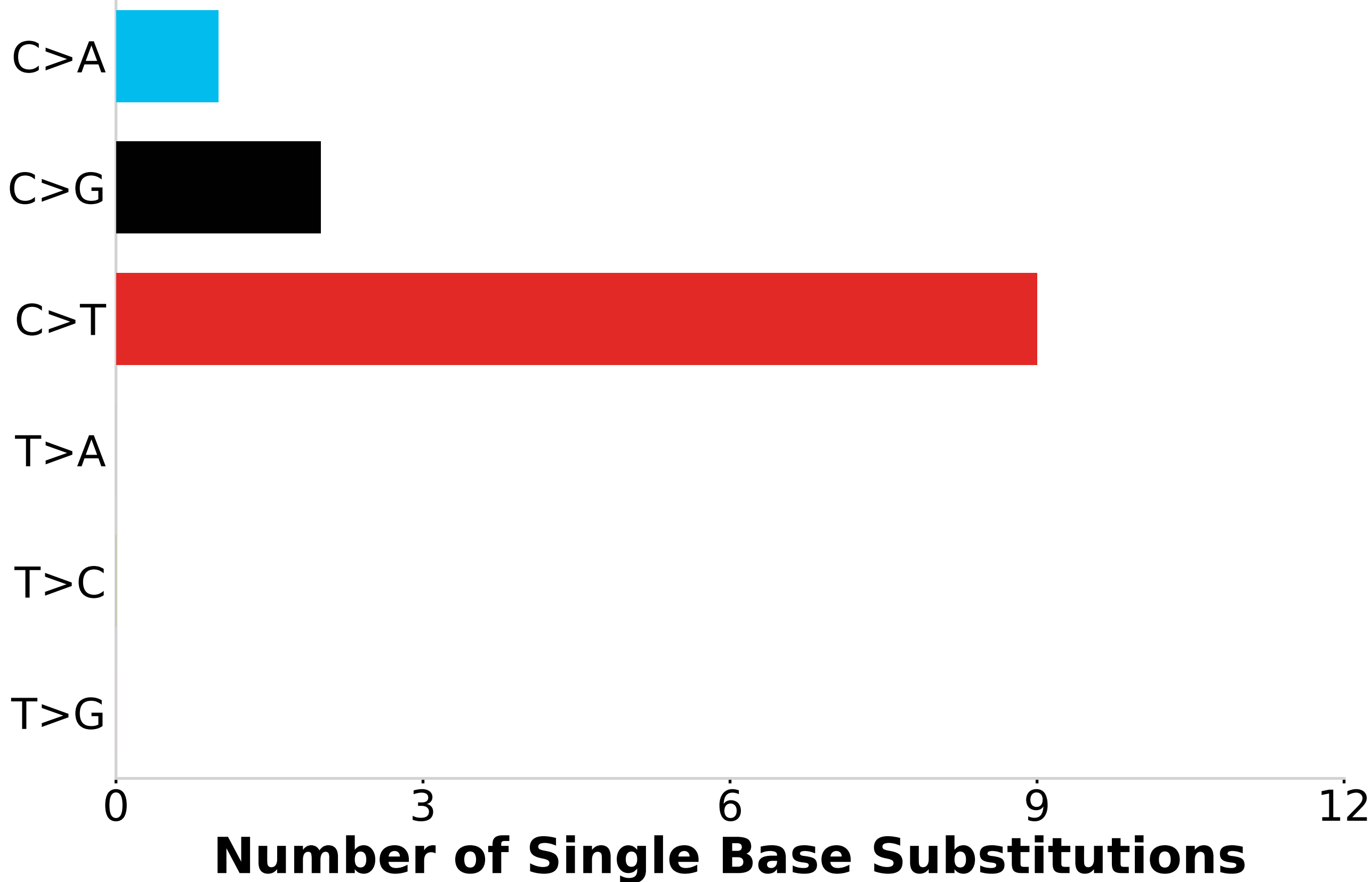
TCGA-EW-A1IW-01A-11D-A13L-09: 1 subs



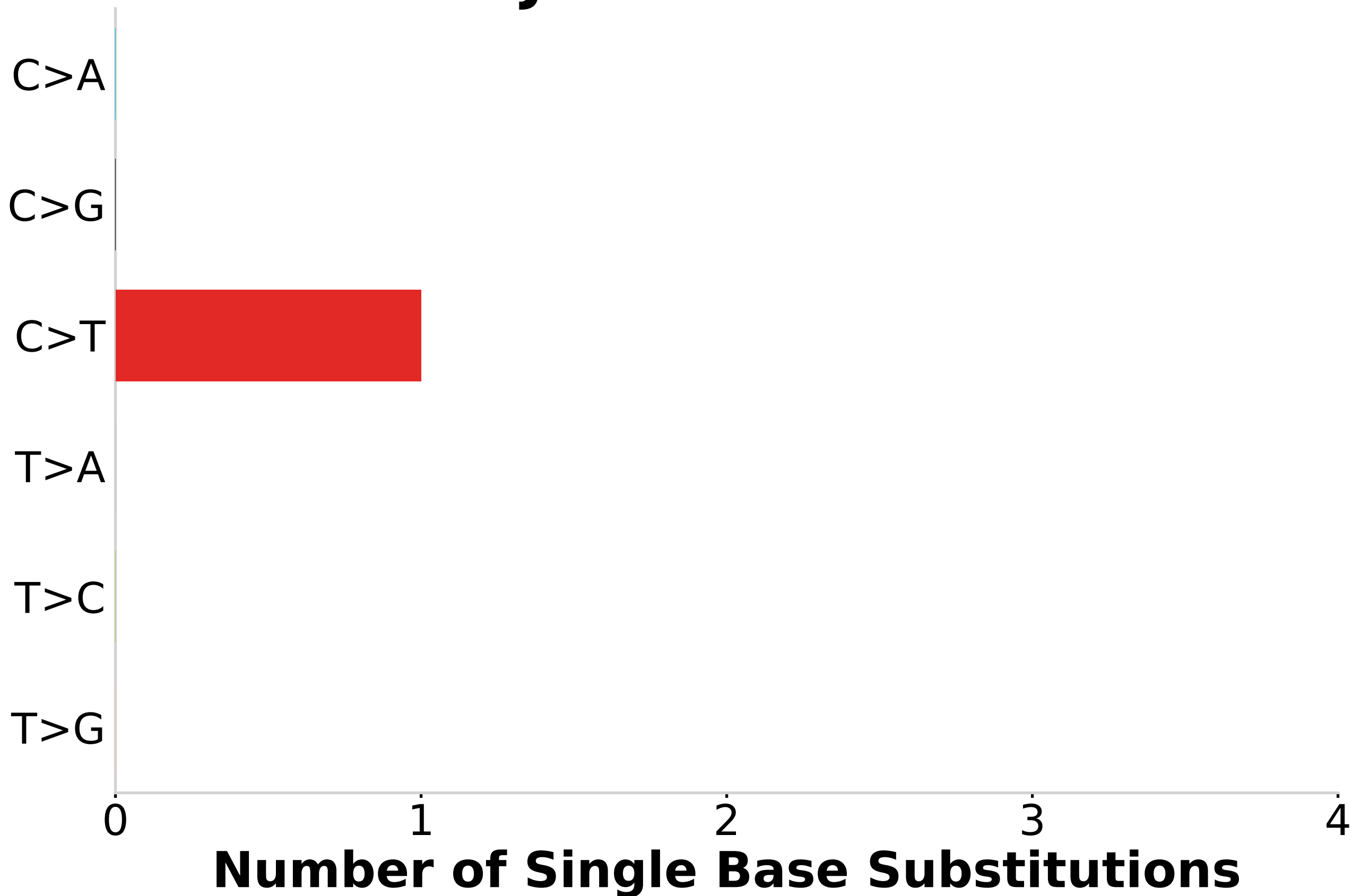
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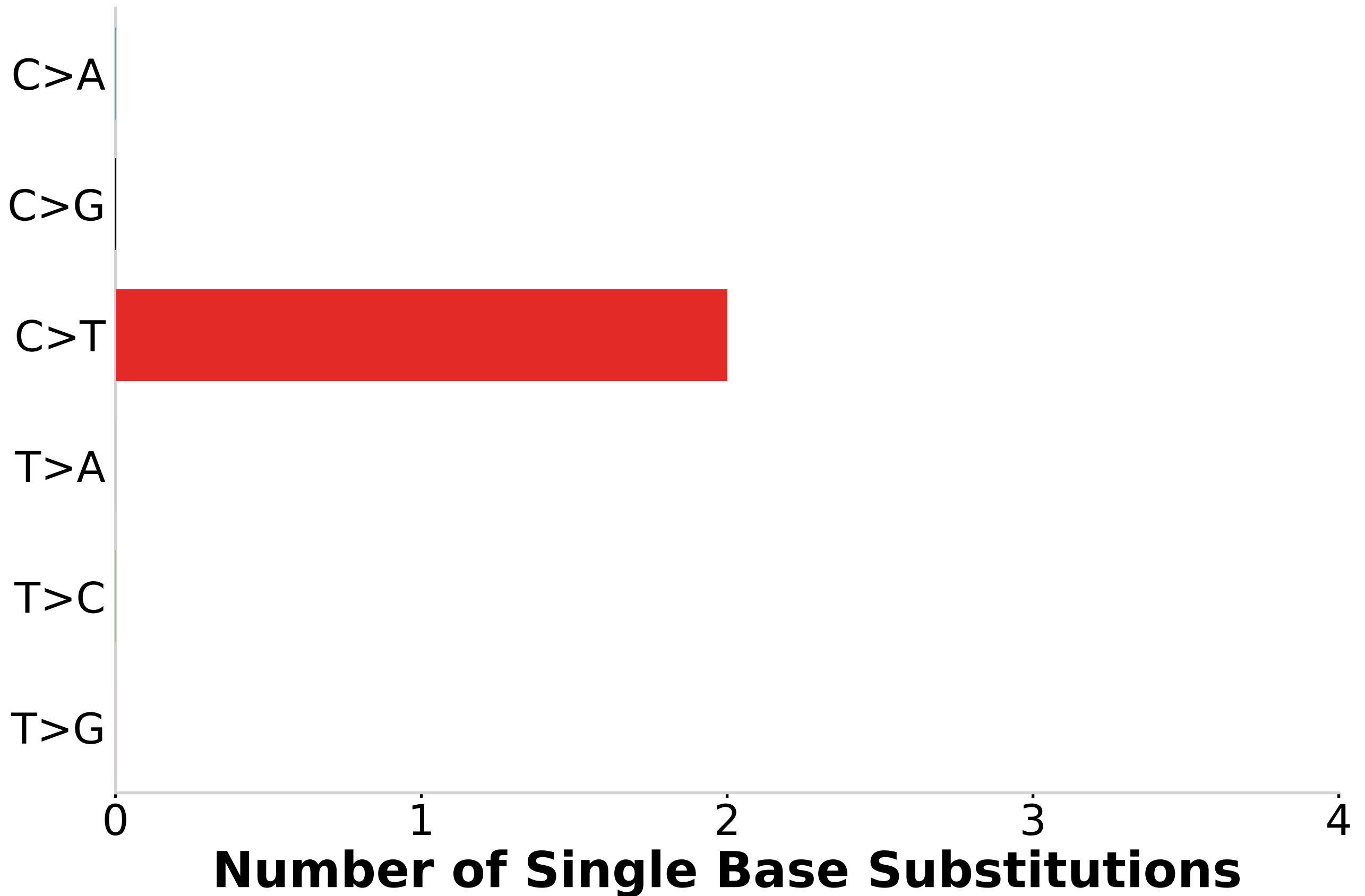
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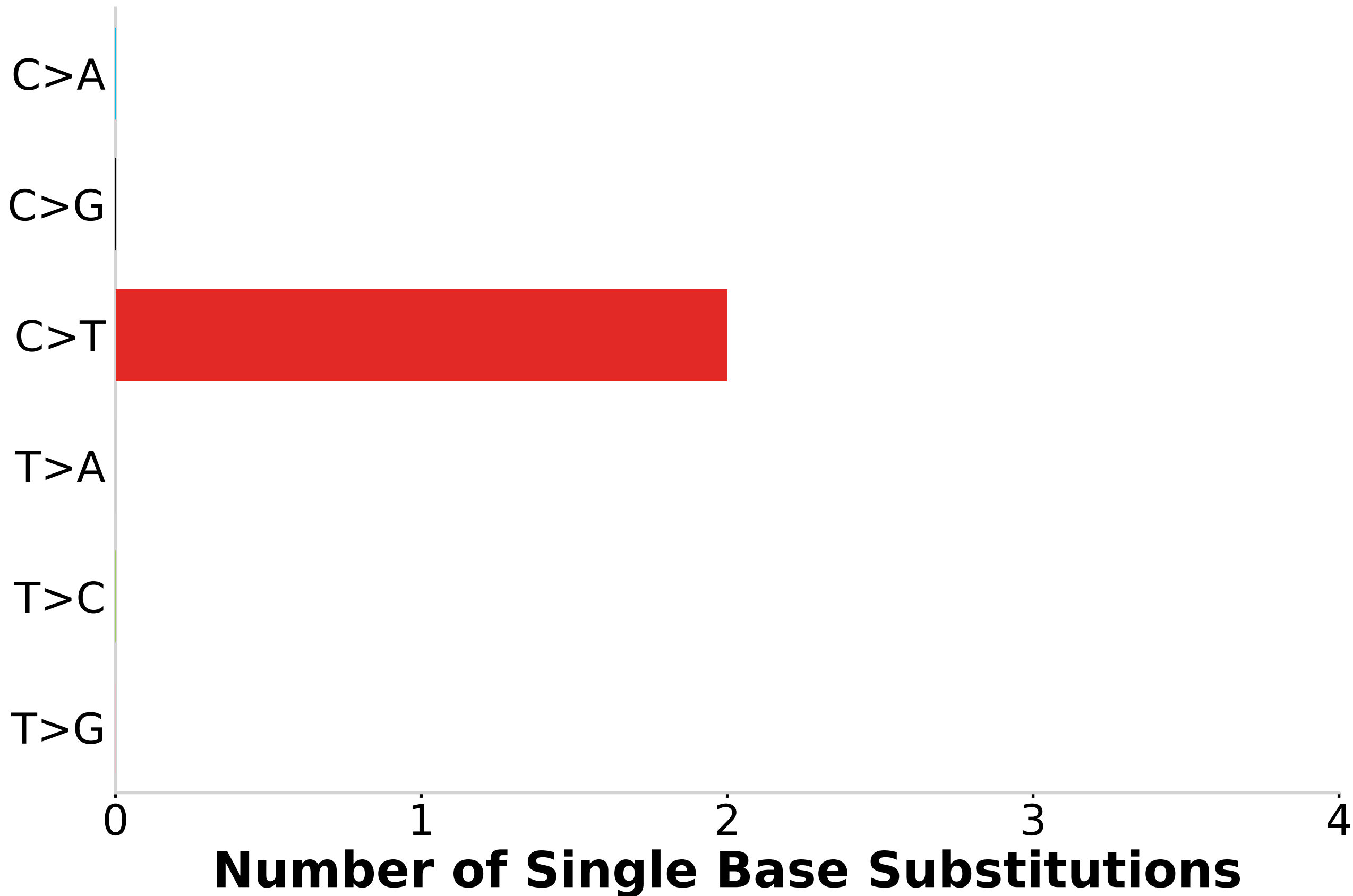
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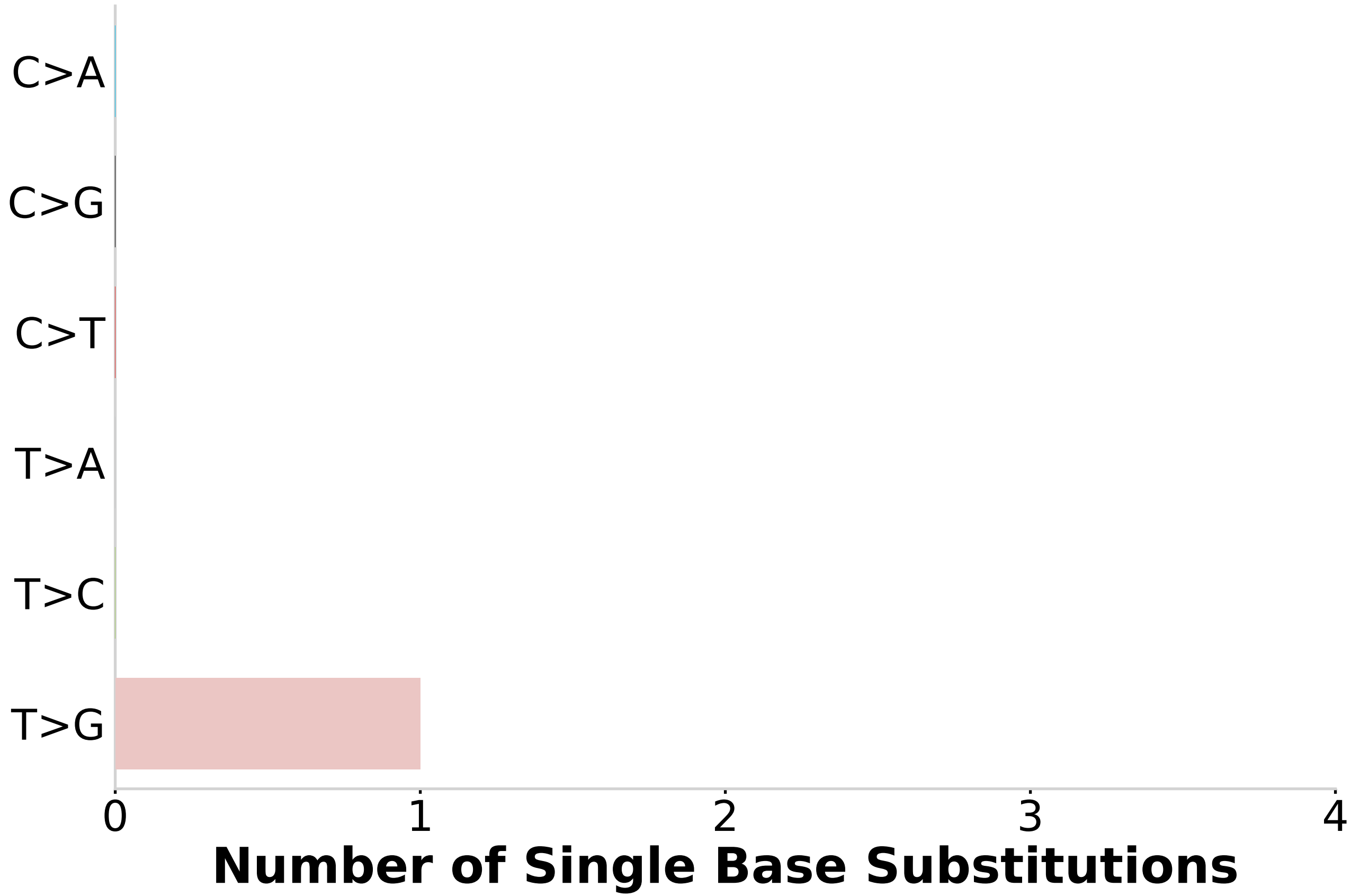
TCGA-EW-A10V-01A-11D-A142-09: 2 subs



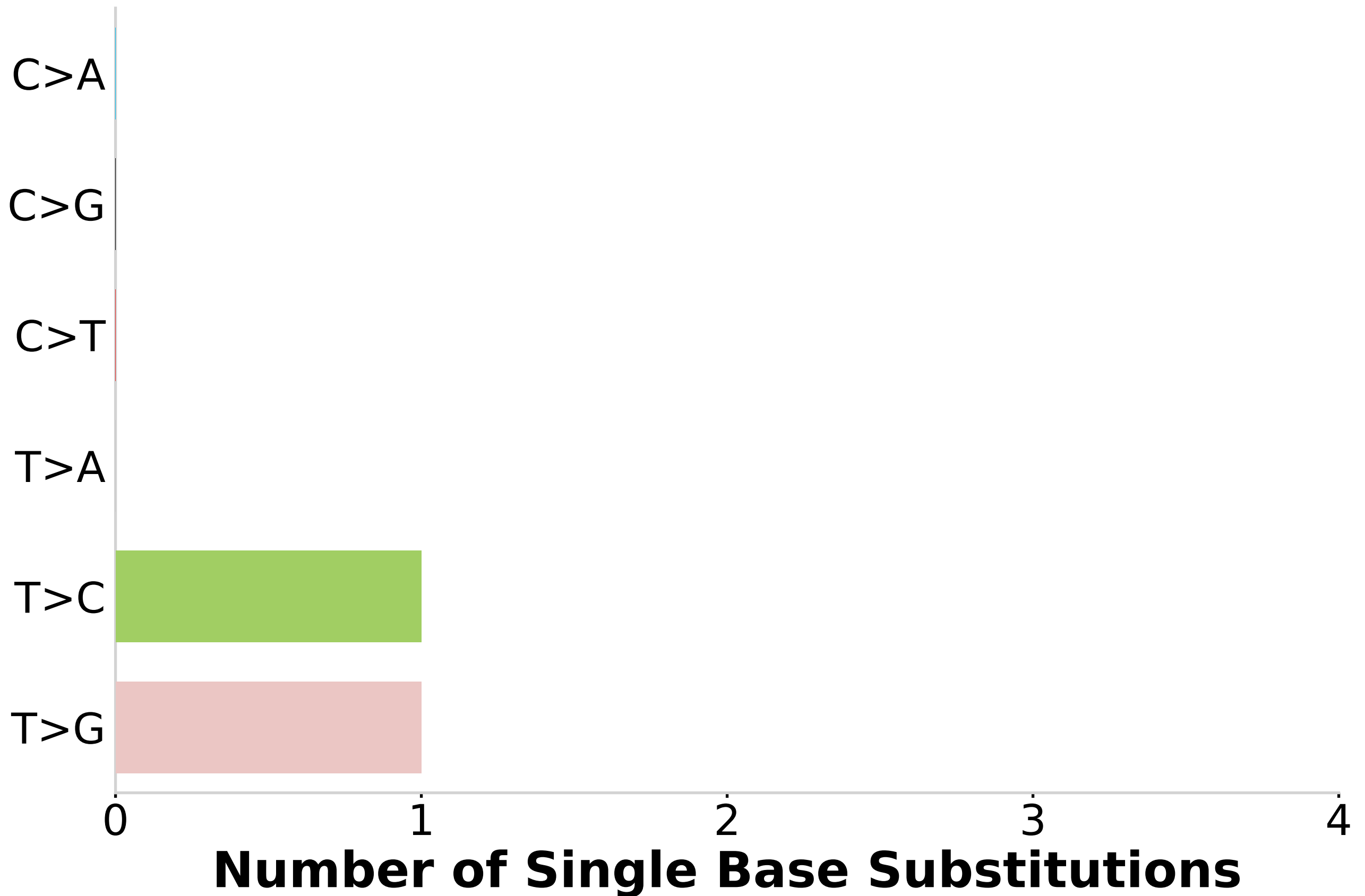
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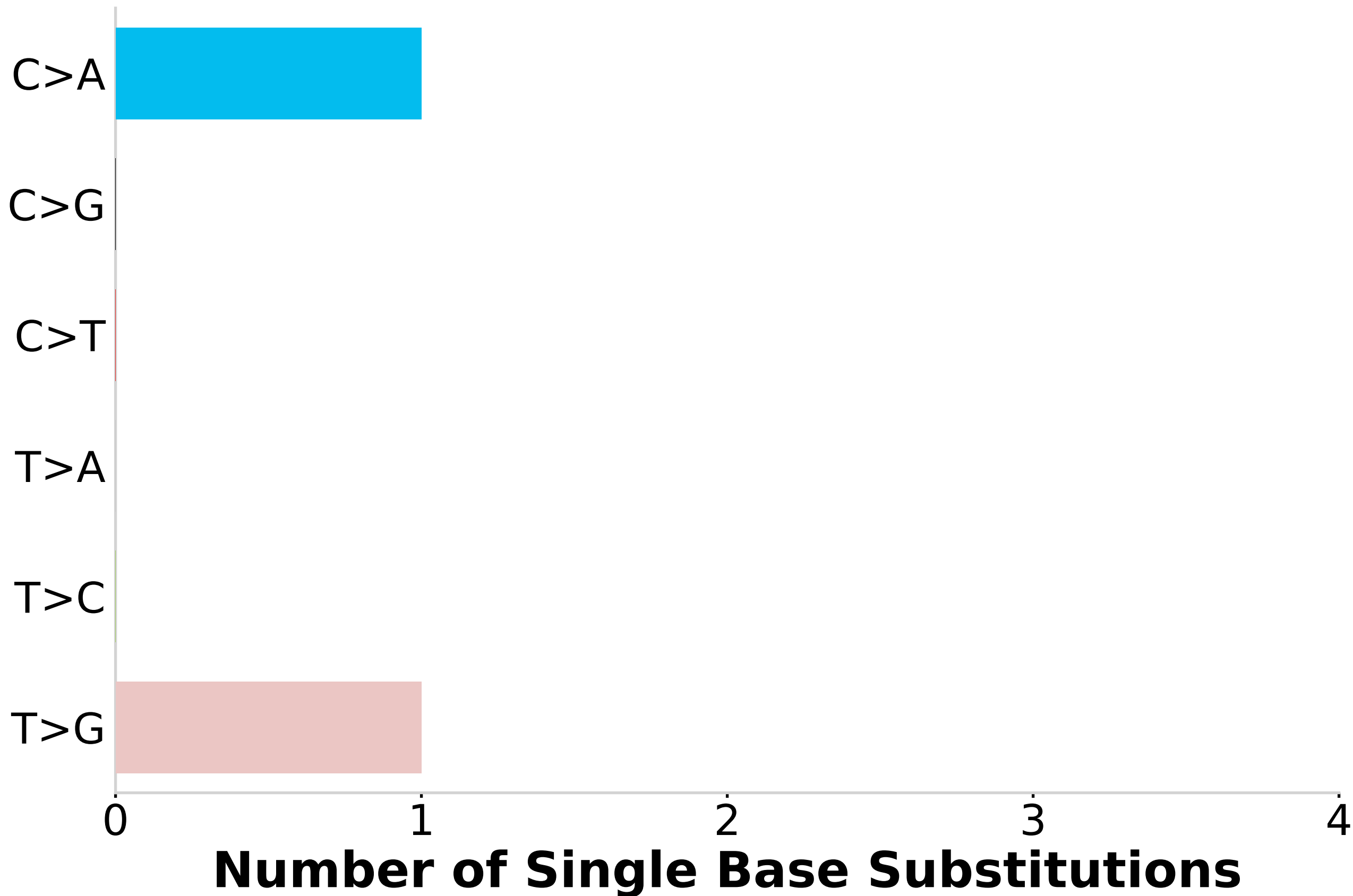
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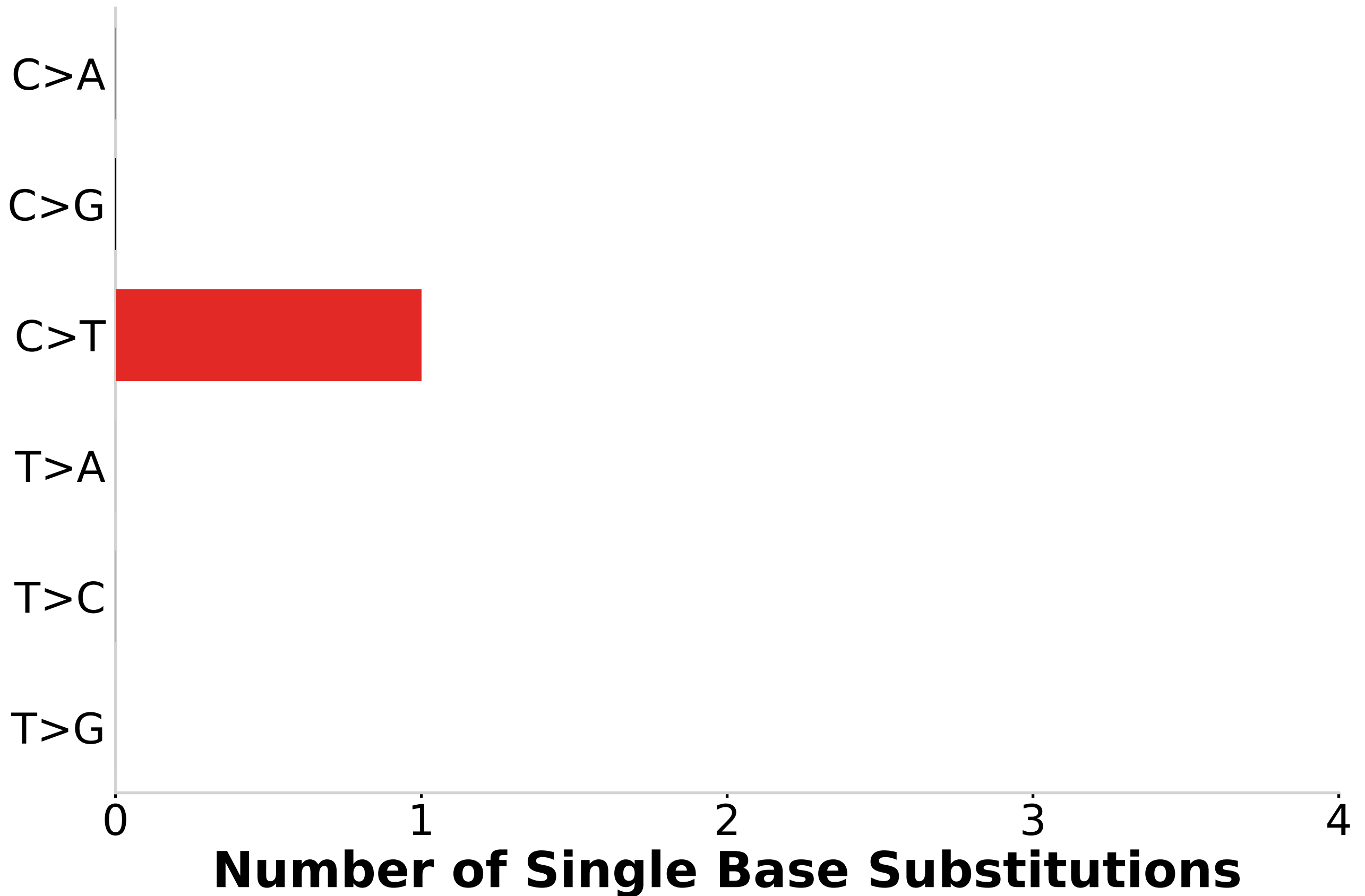
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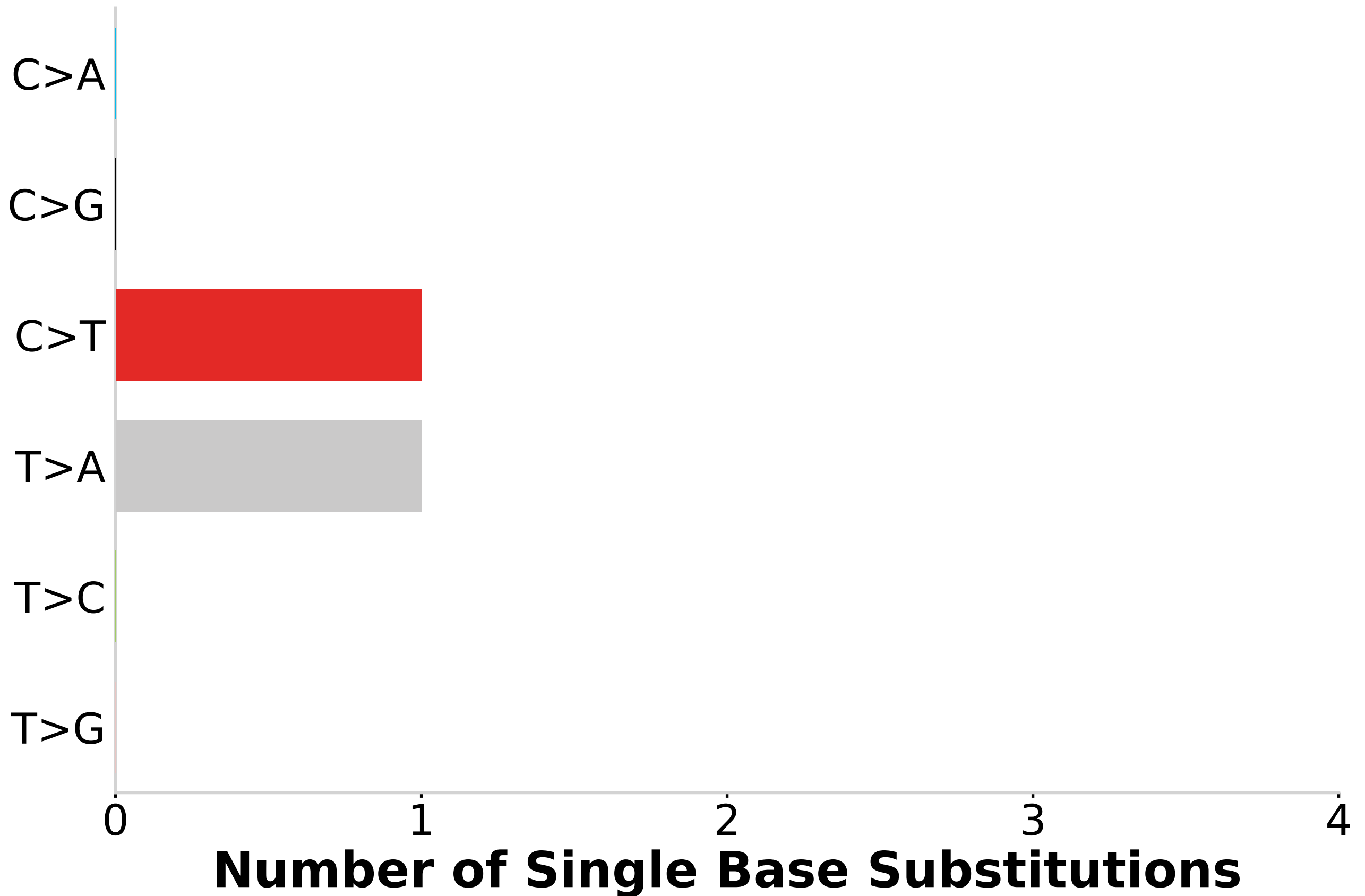
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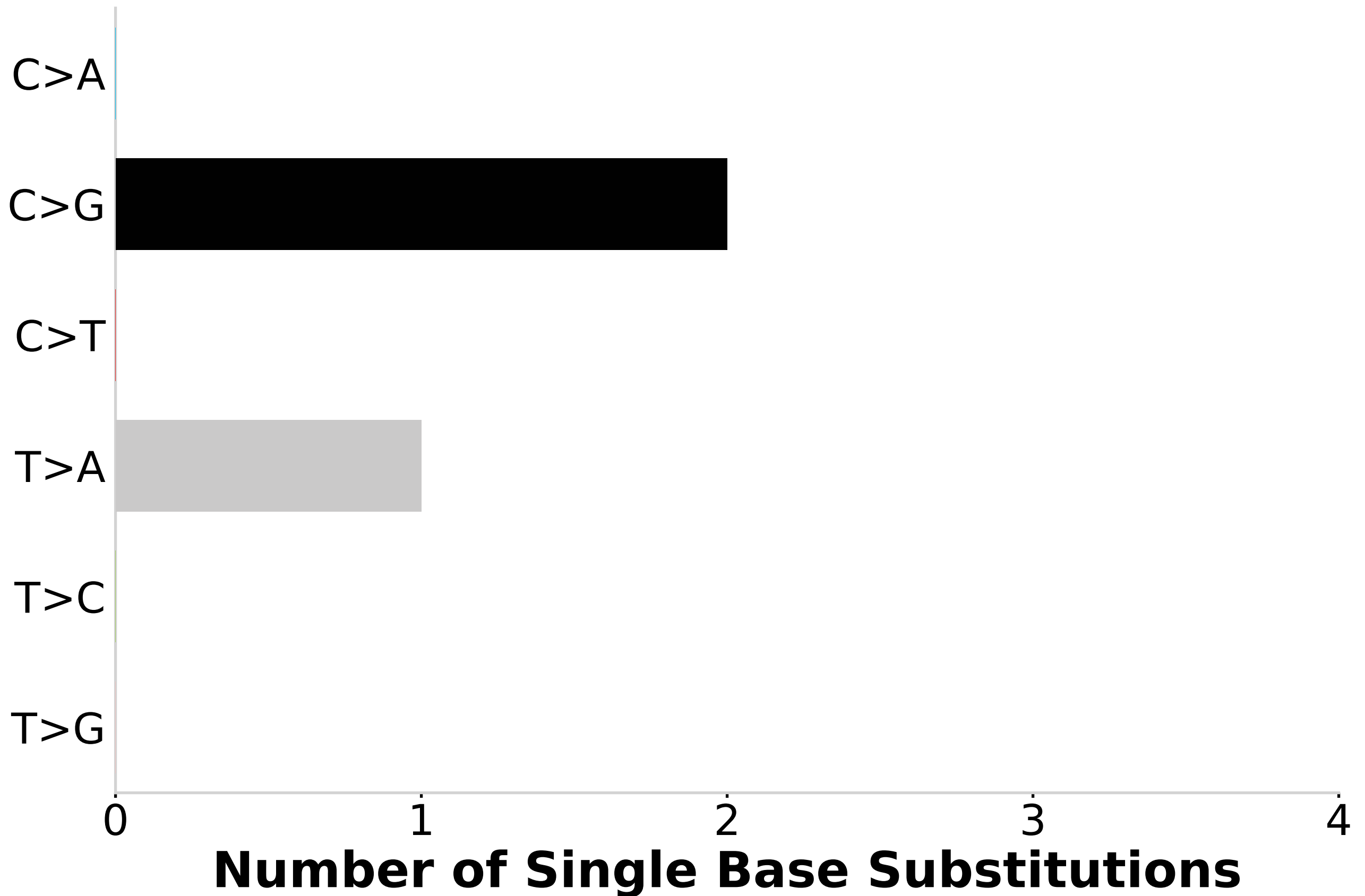
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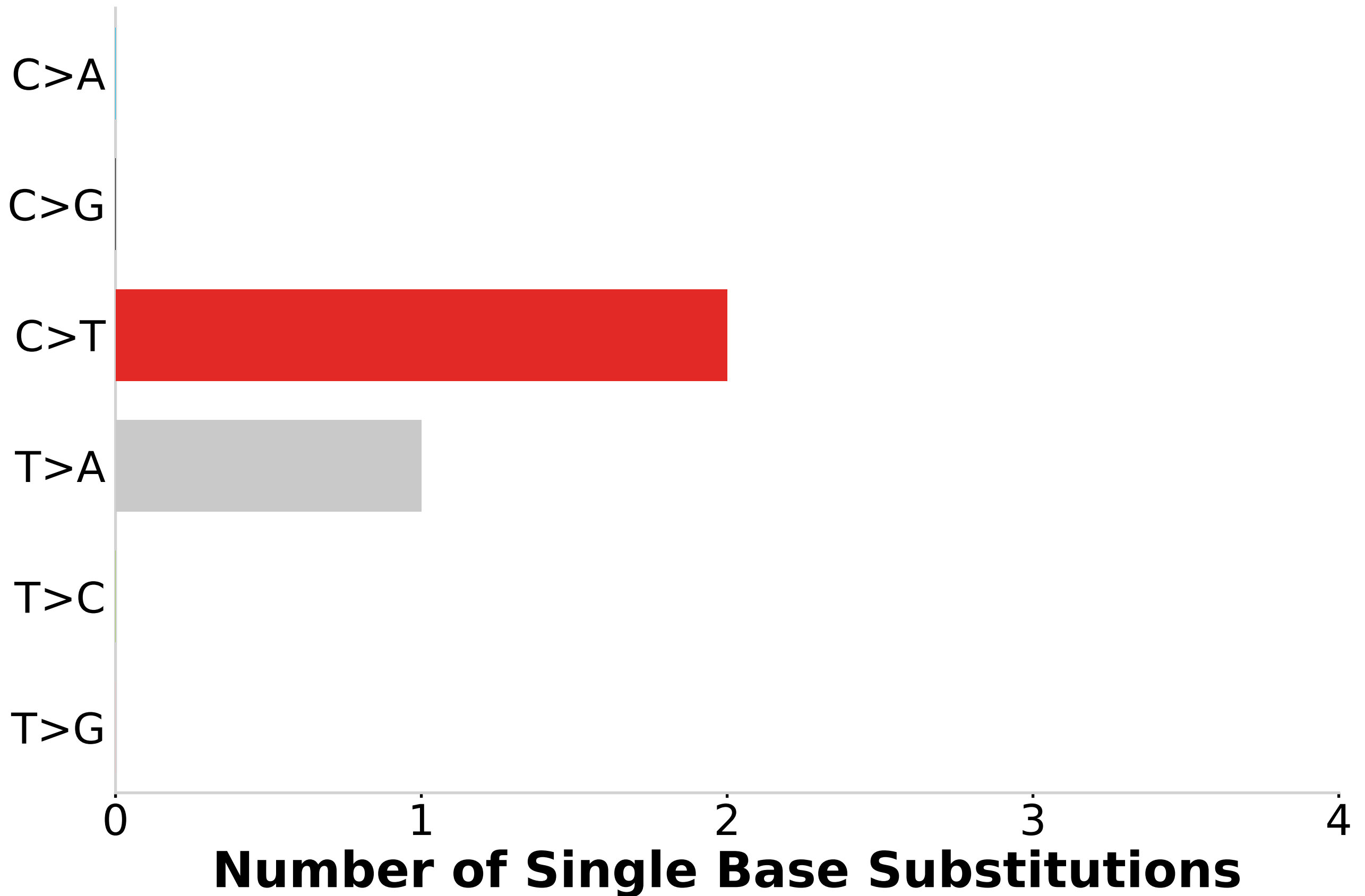
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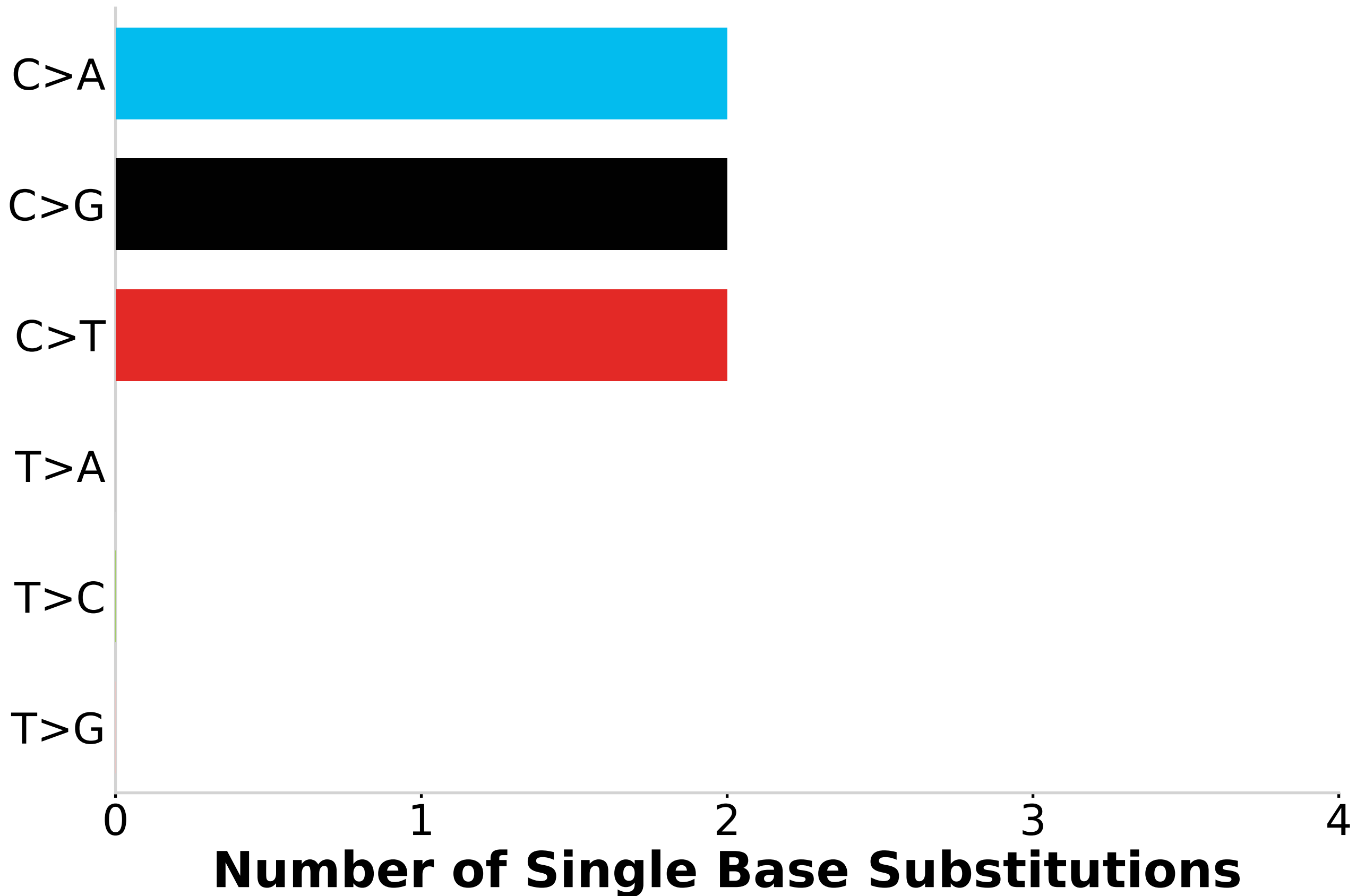
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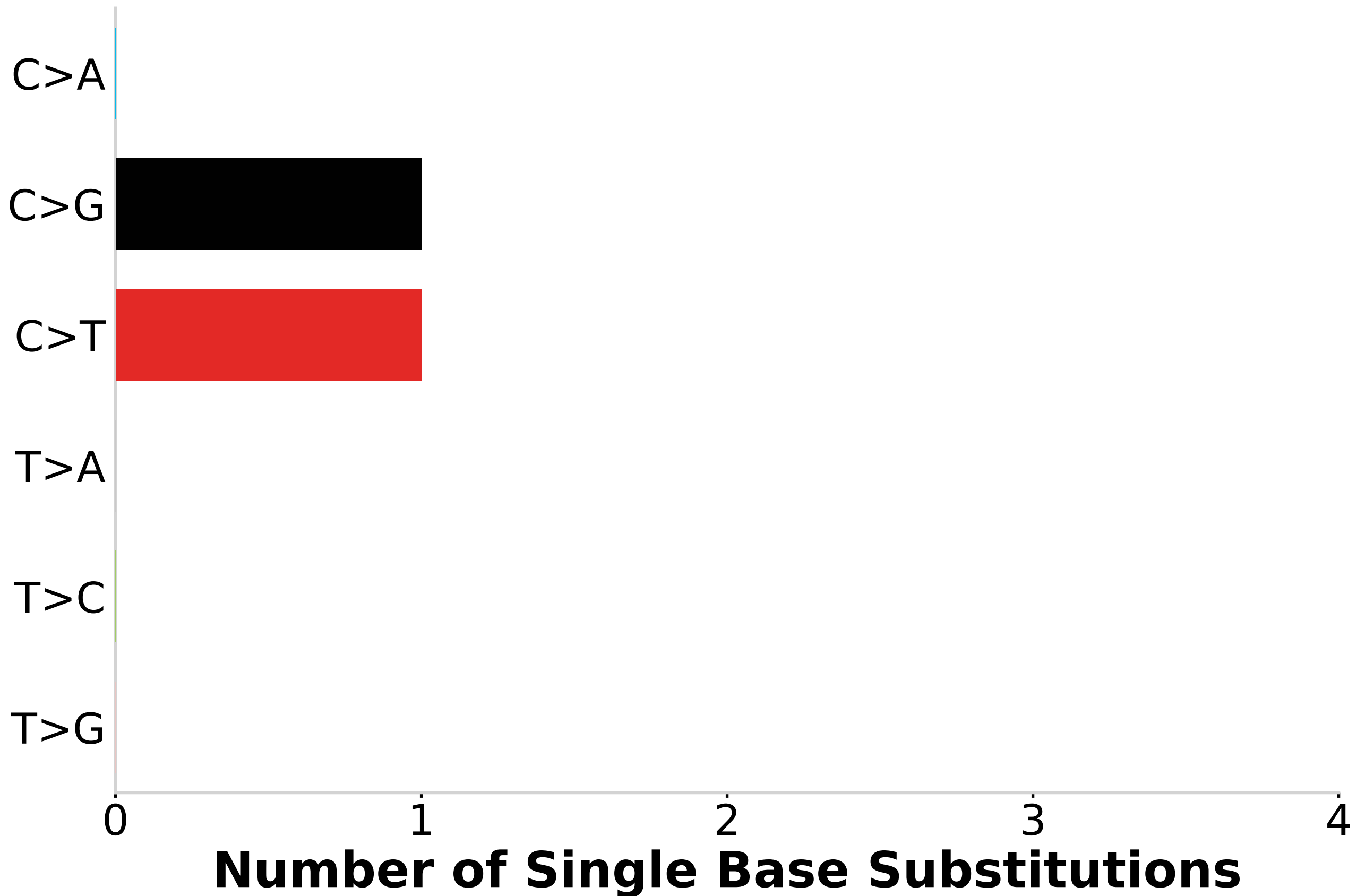
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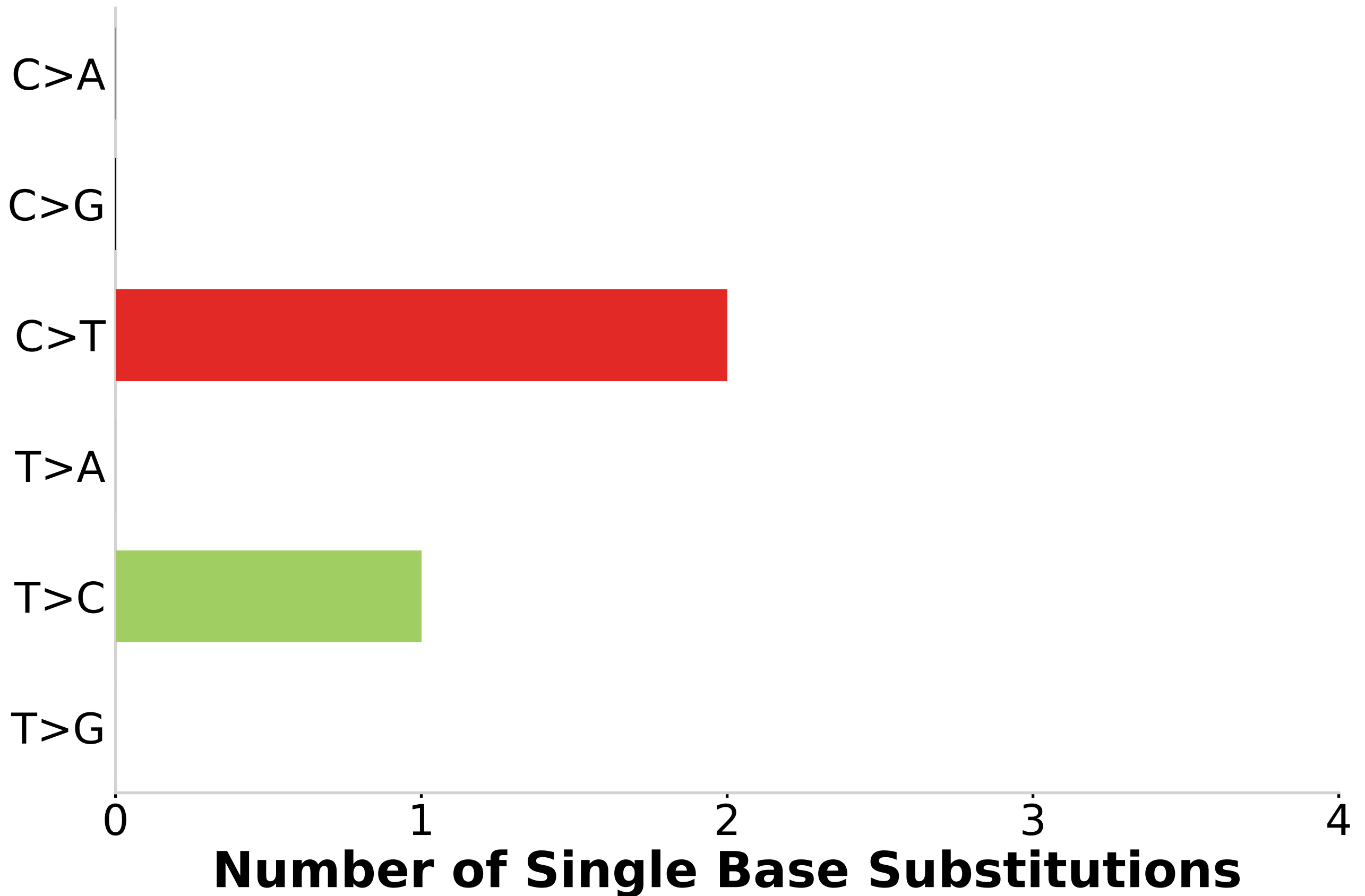
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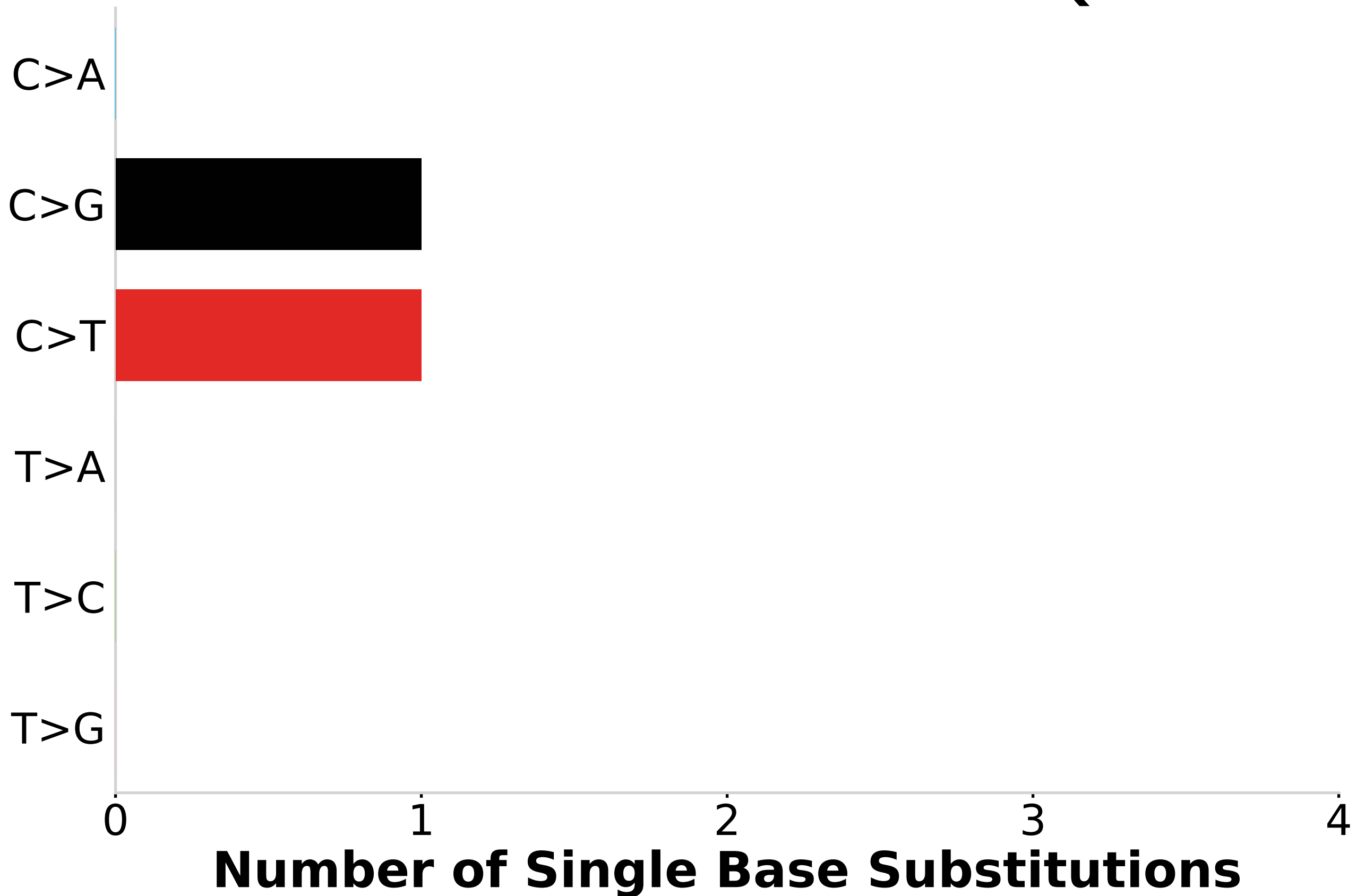
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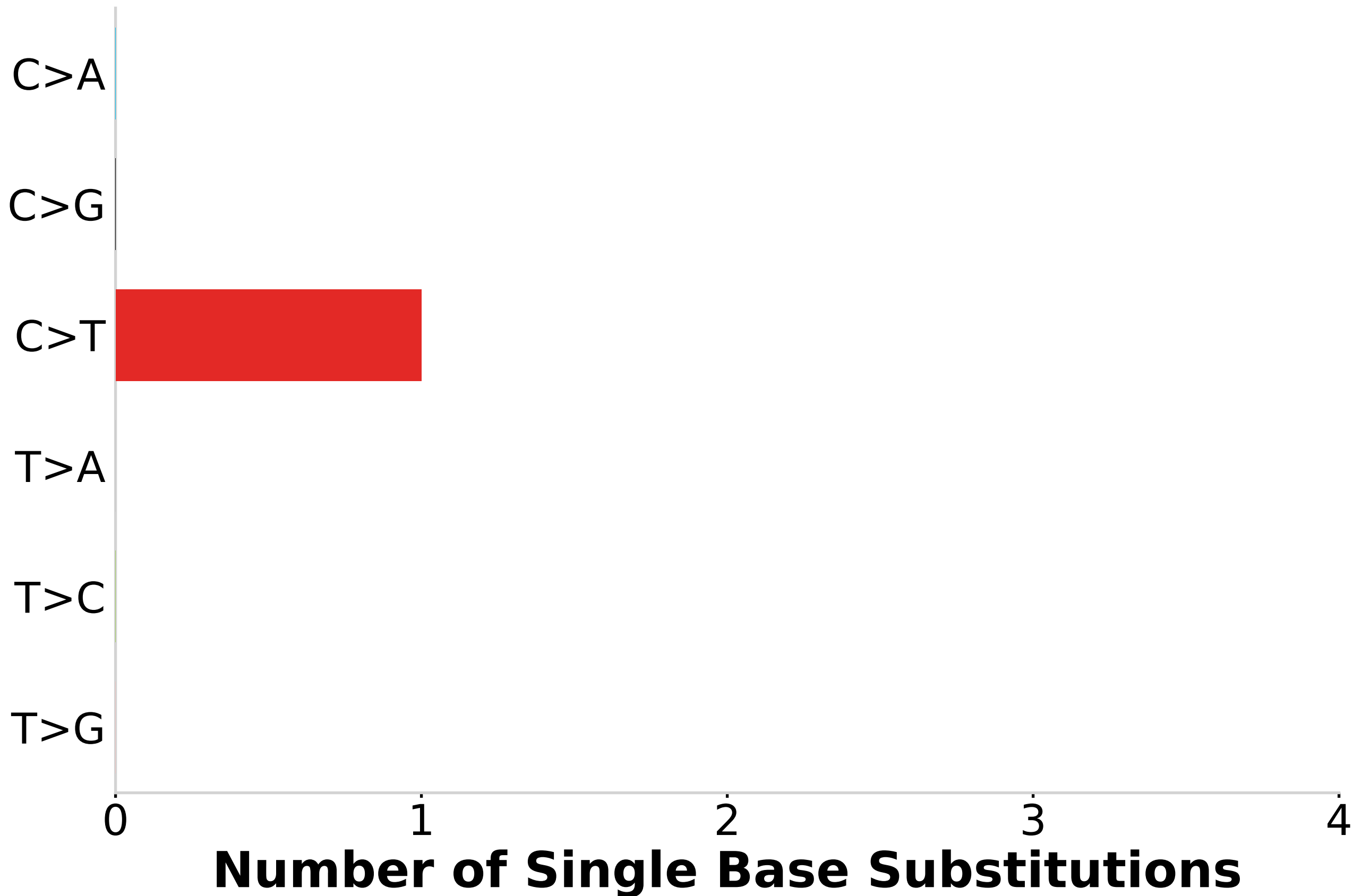
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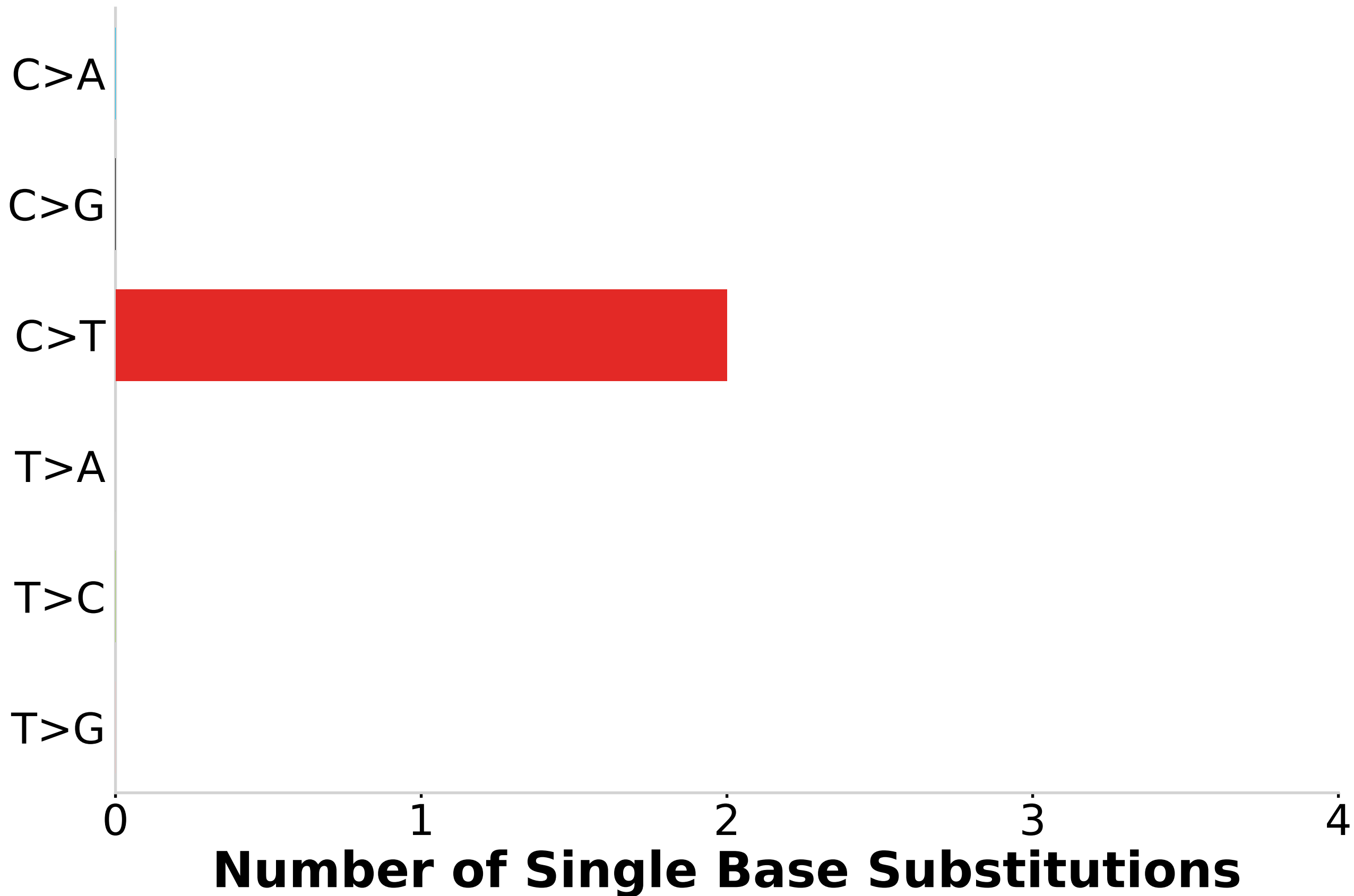
TCGA-EW-A2FR-01A-11D-A21Q-09: 2 subs



TCGA-EW-A2FS-01A-11D-A17D-09: 1 subs



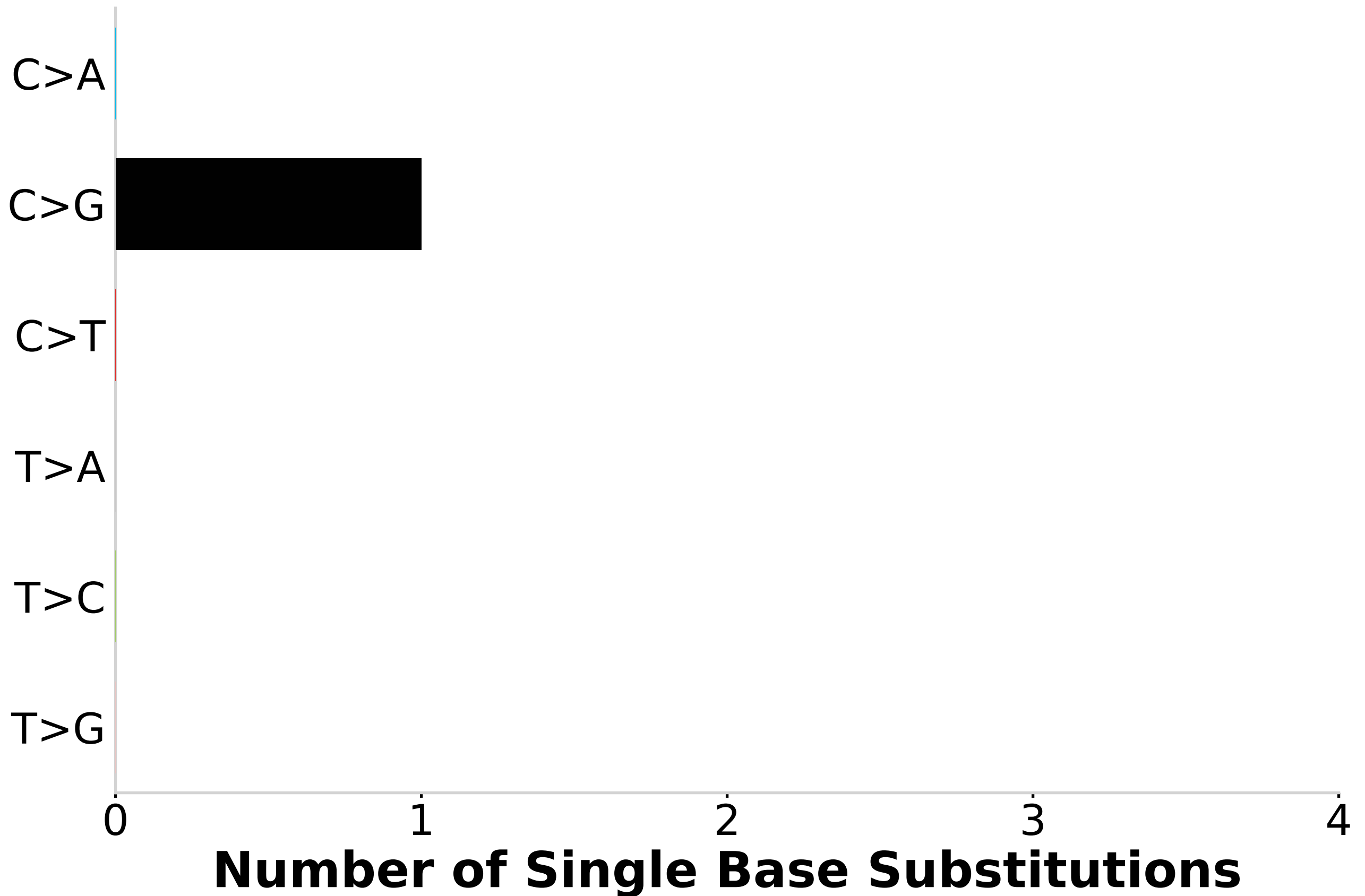
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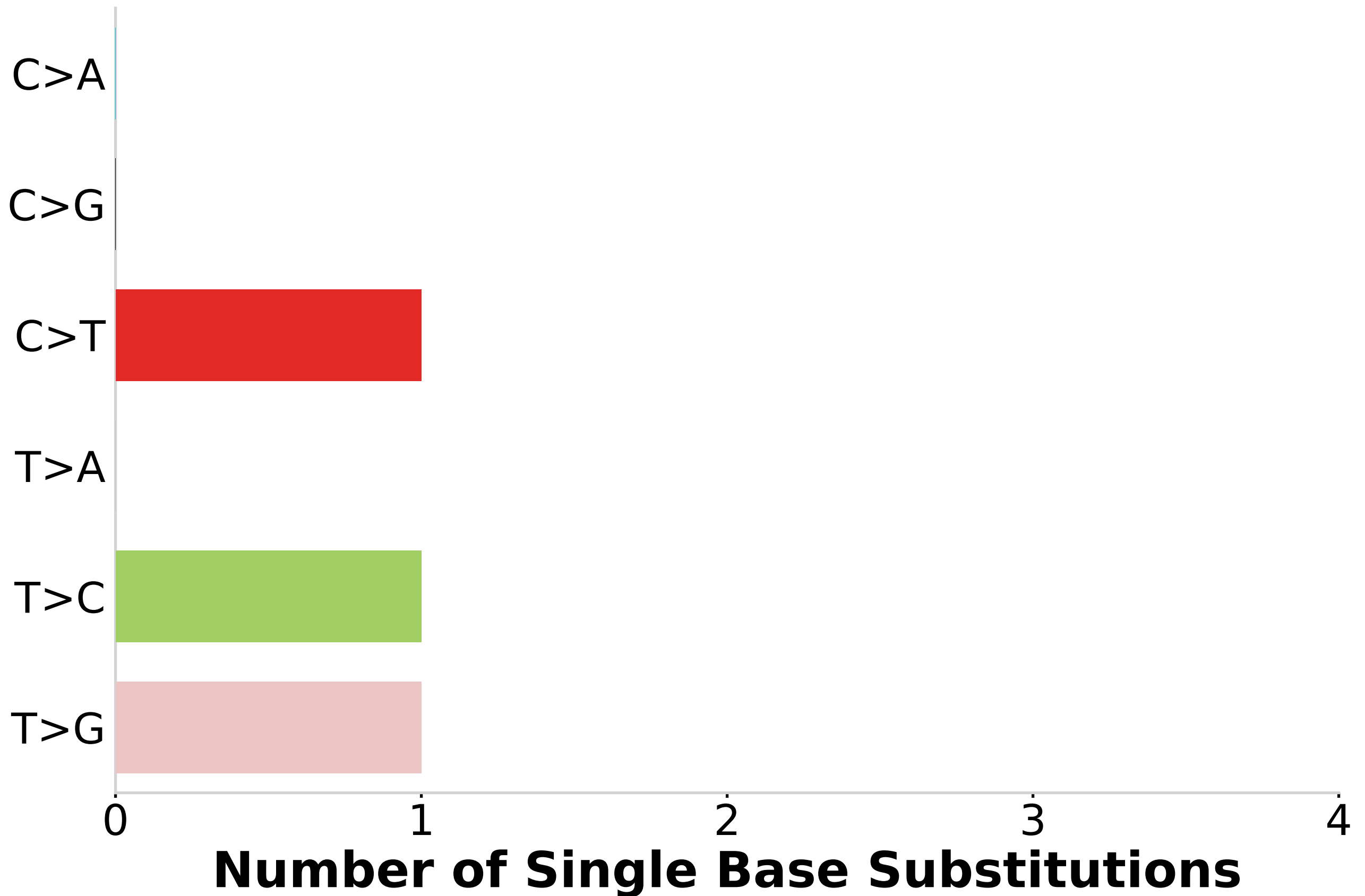
TCGA-EW-A423-01A-11D-A243-09: 1 subs



TCGA-EW-A6S9-01A-22D-A33E-09: 1 subs



TCGA-EW-A6SA-01A-21D-A32I-09: 3 subs



TCGA-EW-A6SB-01A-12D-A32I-09: 3 subs

C>A

C>G

C>T

T>A

T>C

T>G

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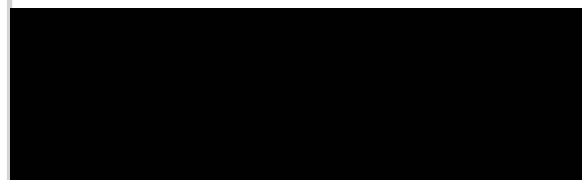
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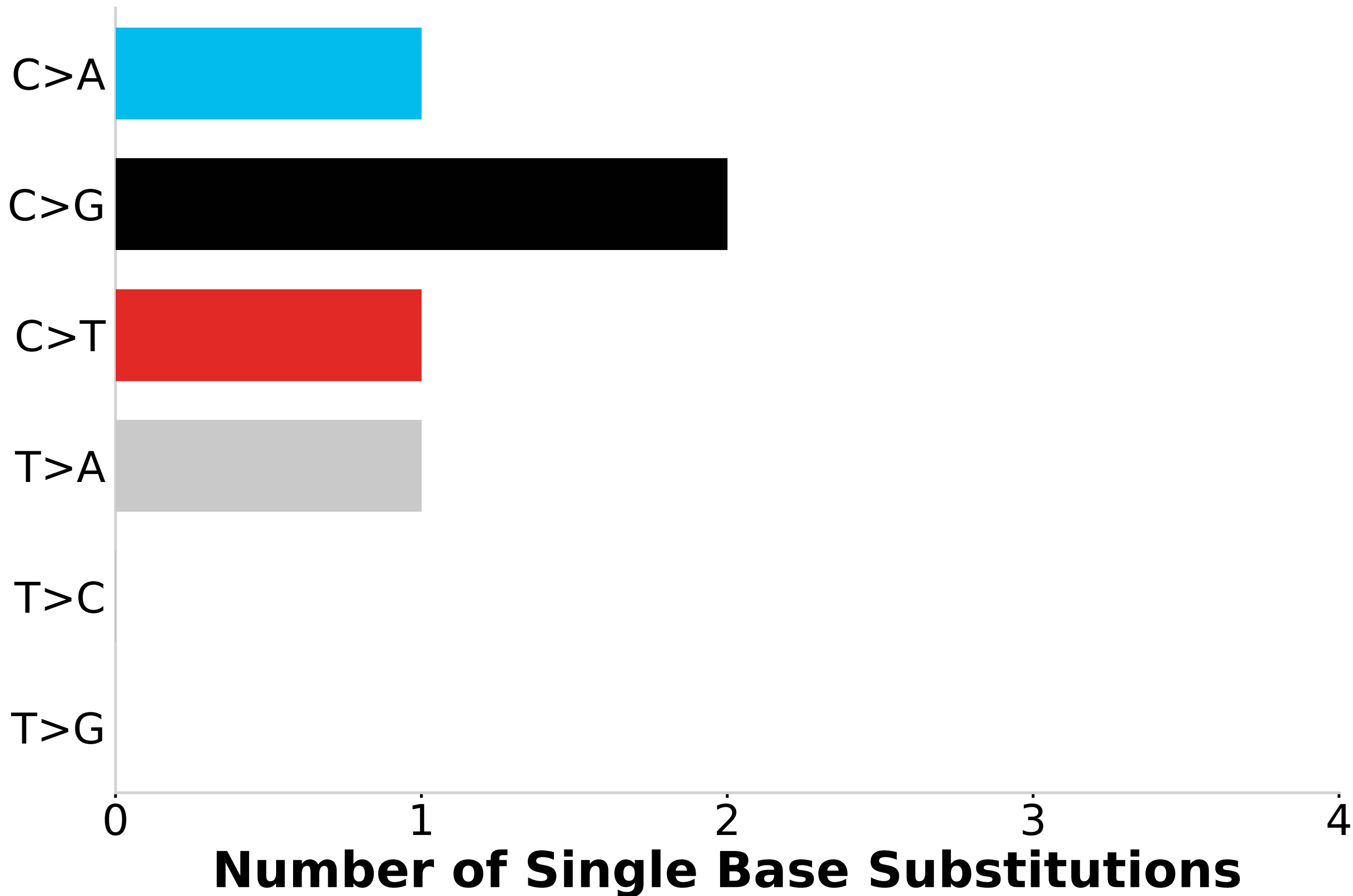
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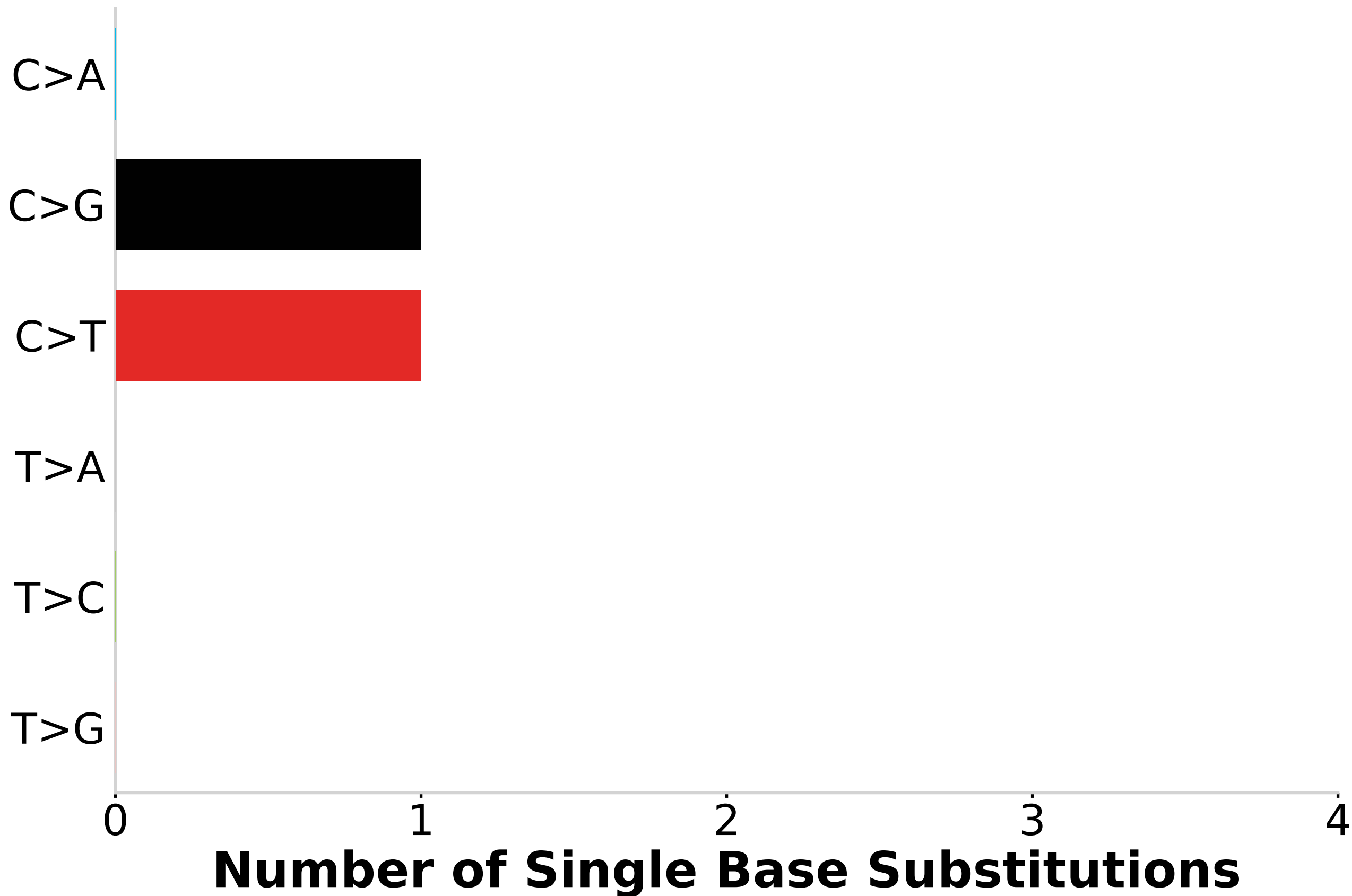
Number of Single Base Substitutions



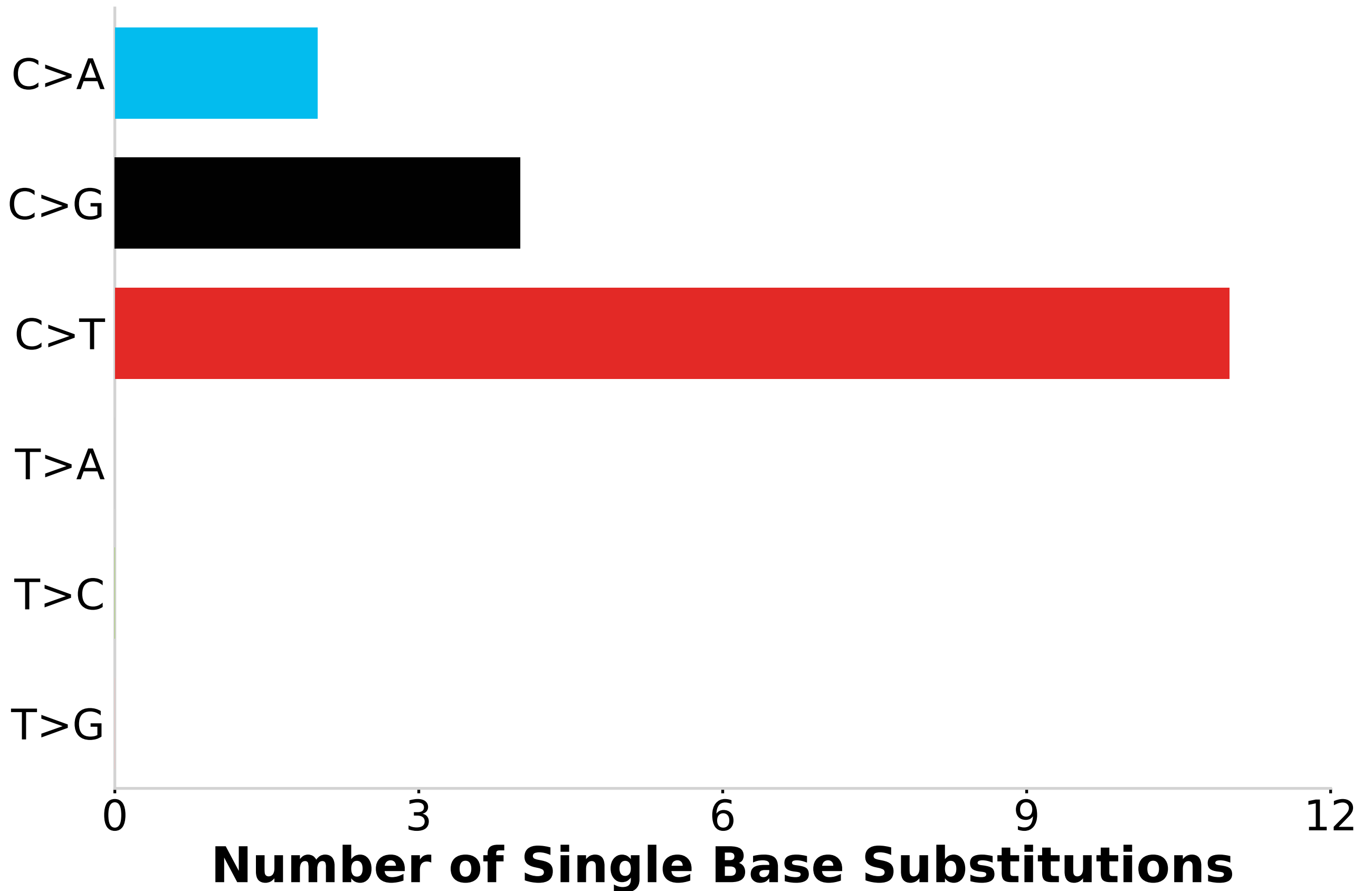
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TCGA-GI-A2C8-01A-11D-A16D-09: 2 subs



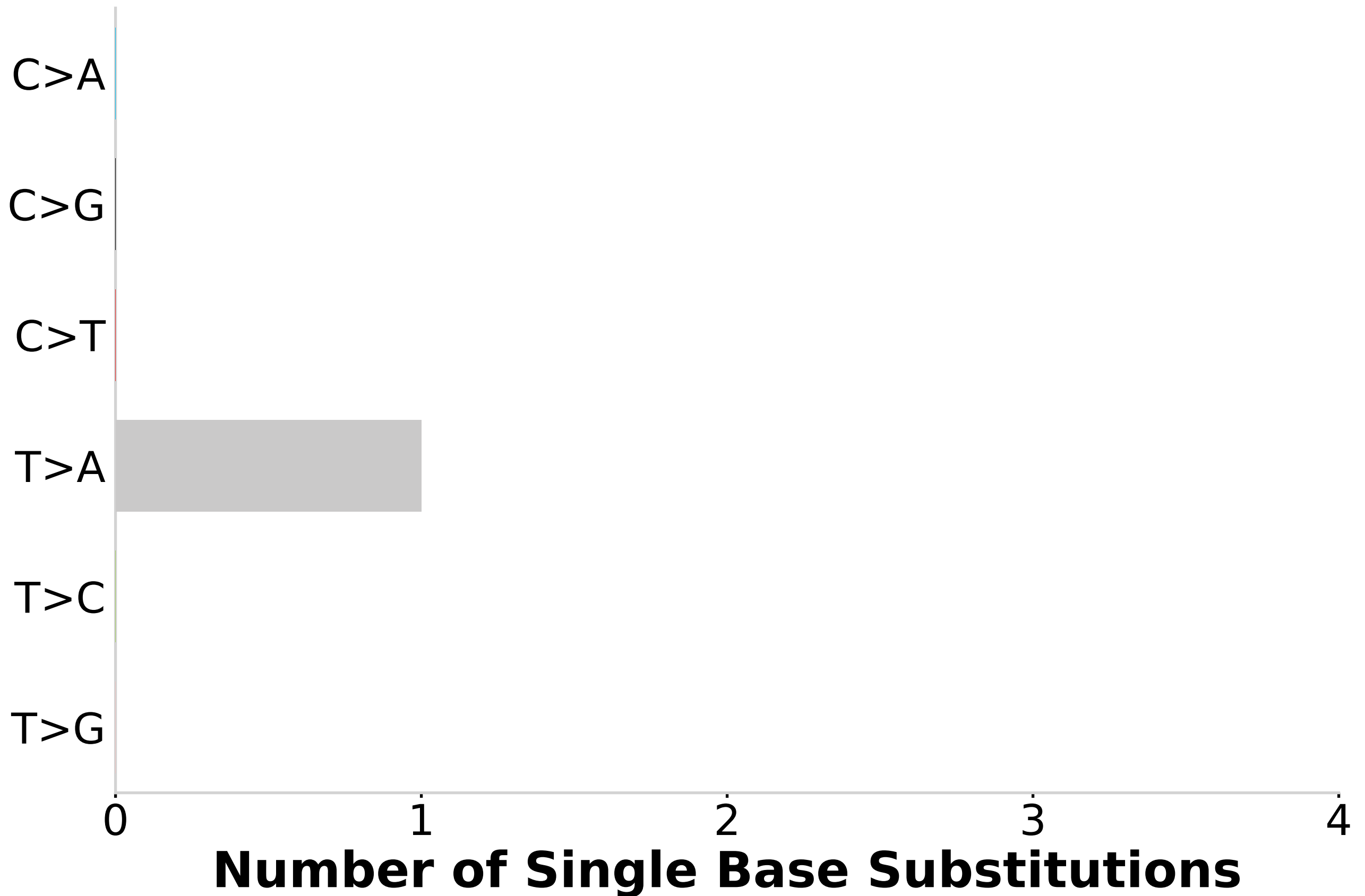
TCGA-GM-A2D9-01A-11D-A18P-09: 17 subs



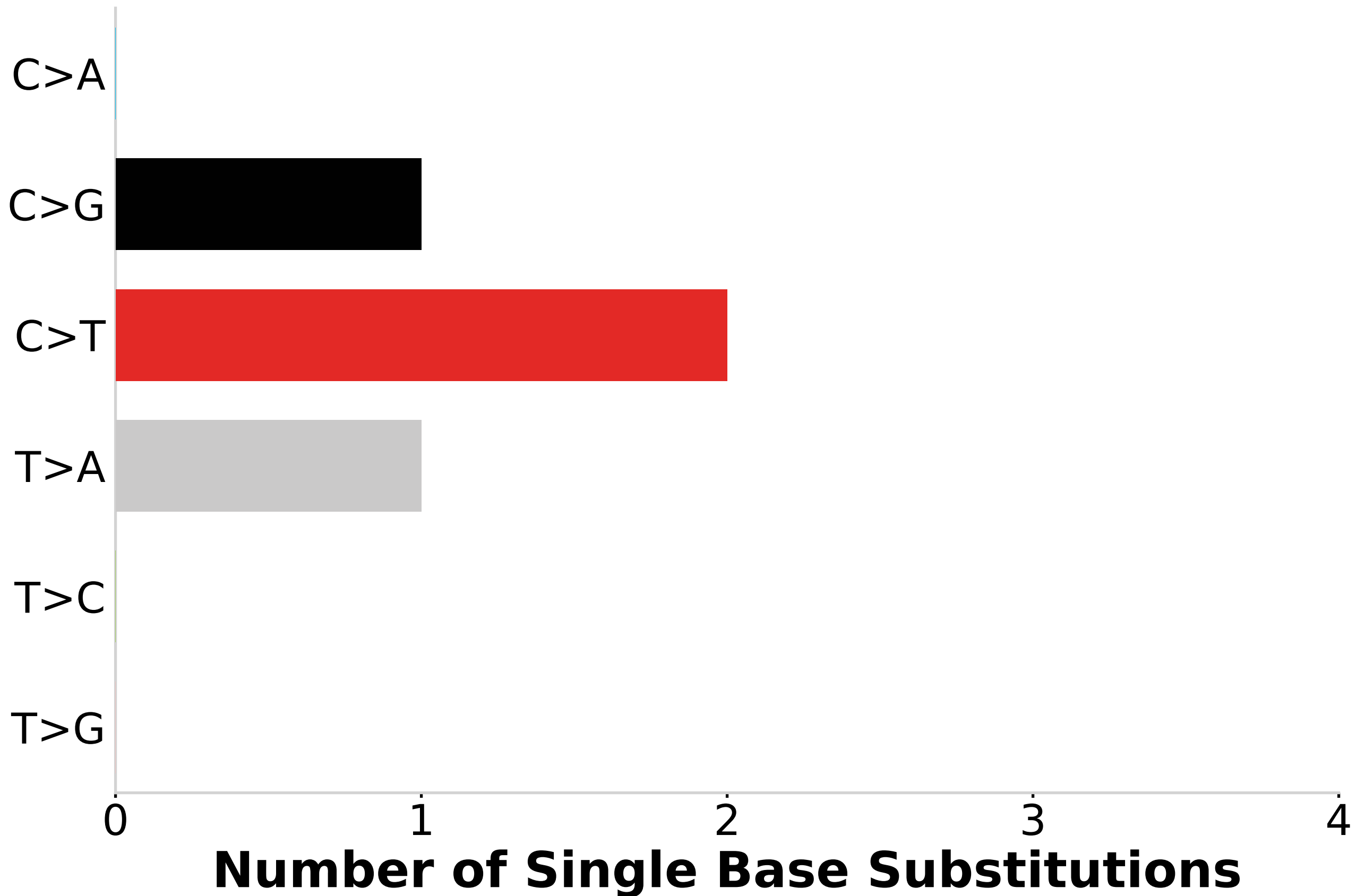
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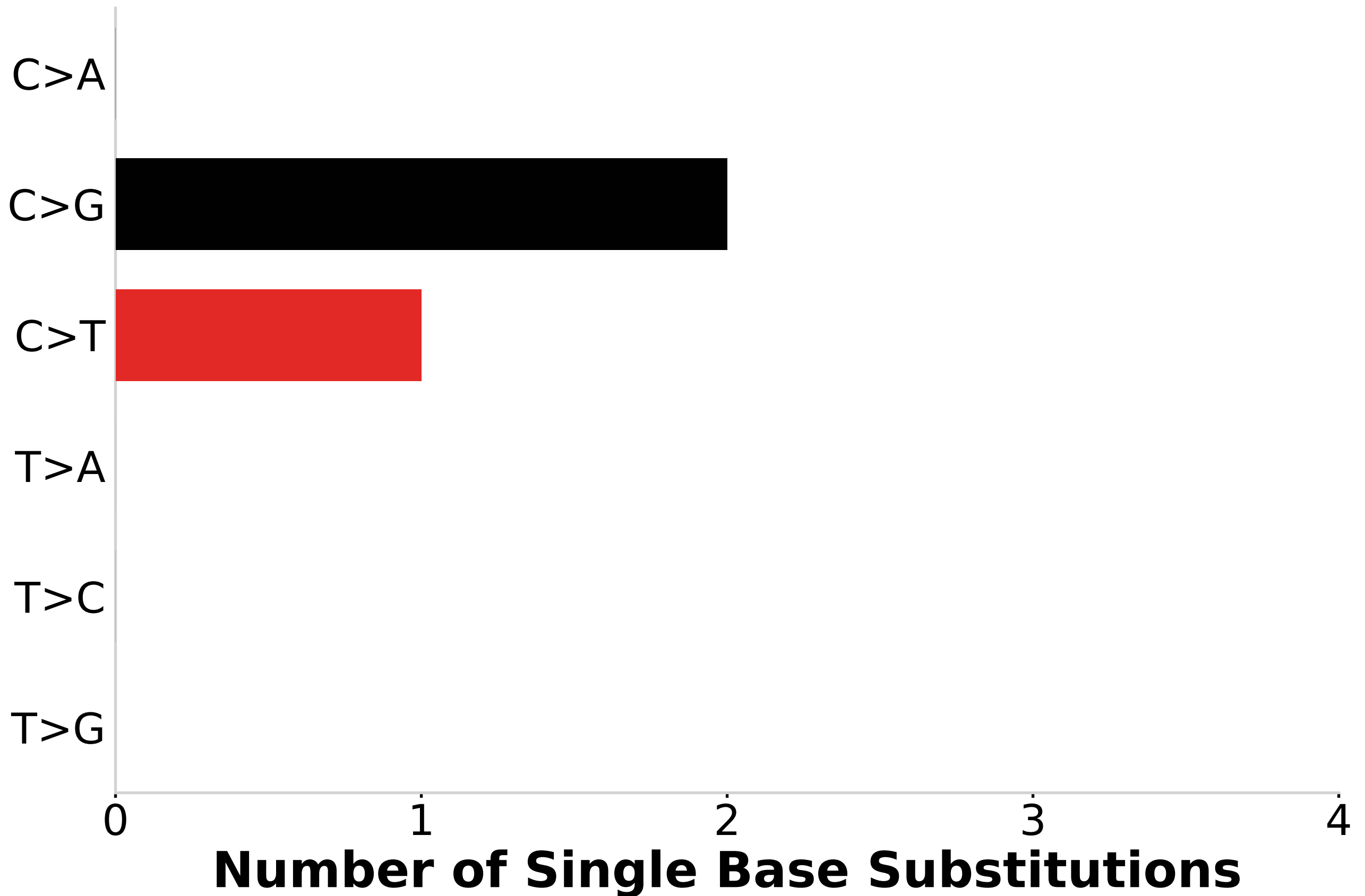
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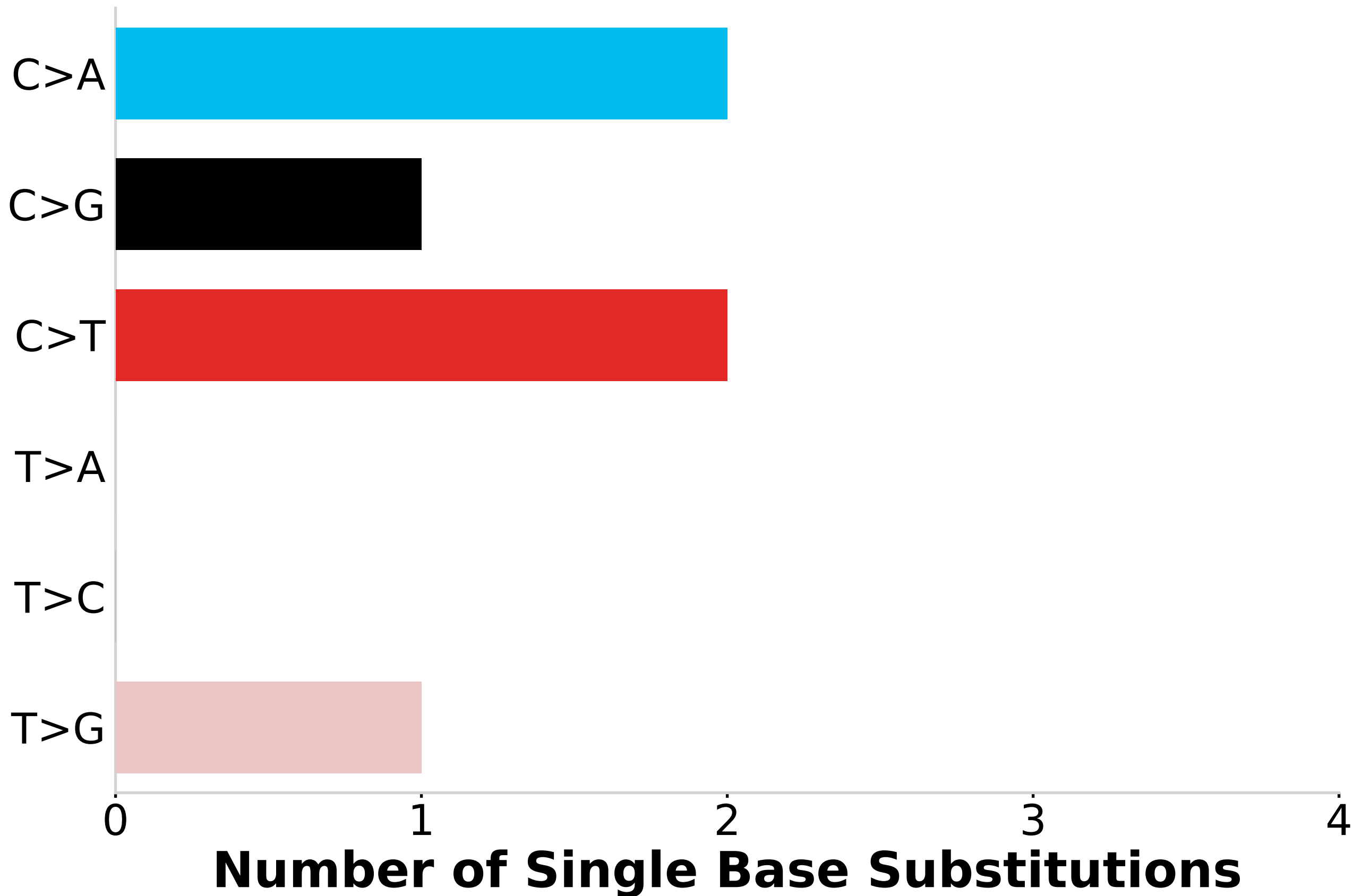
TCGA-GM-A2DD-01A-11D-A17W-09: 4 subs



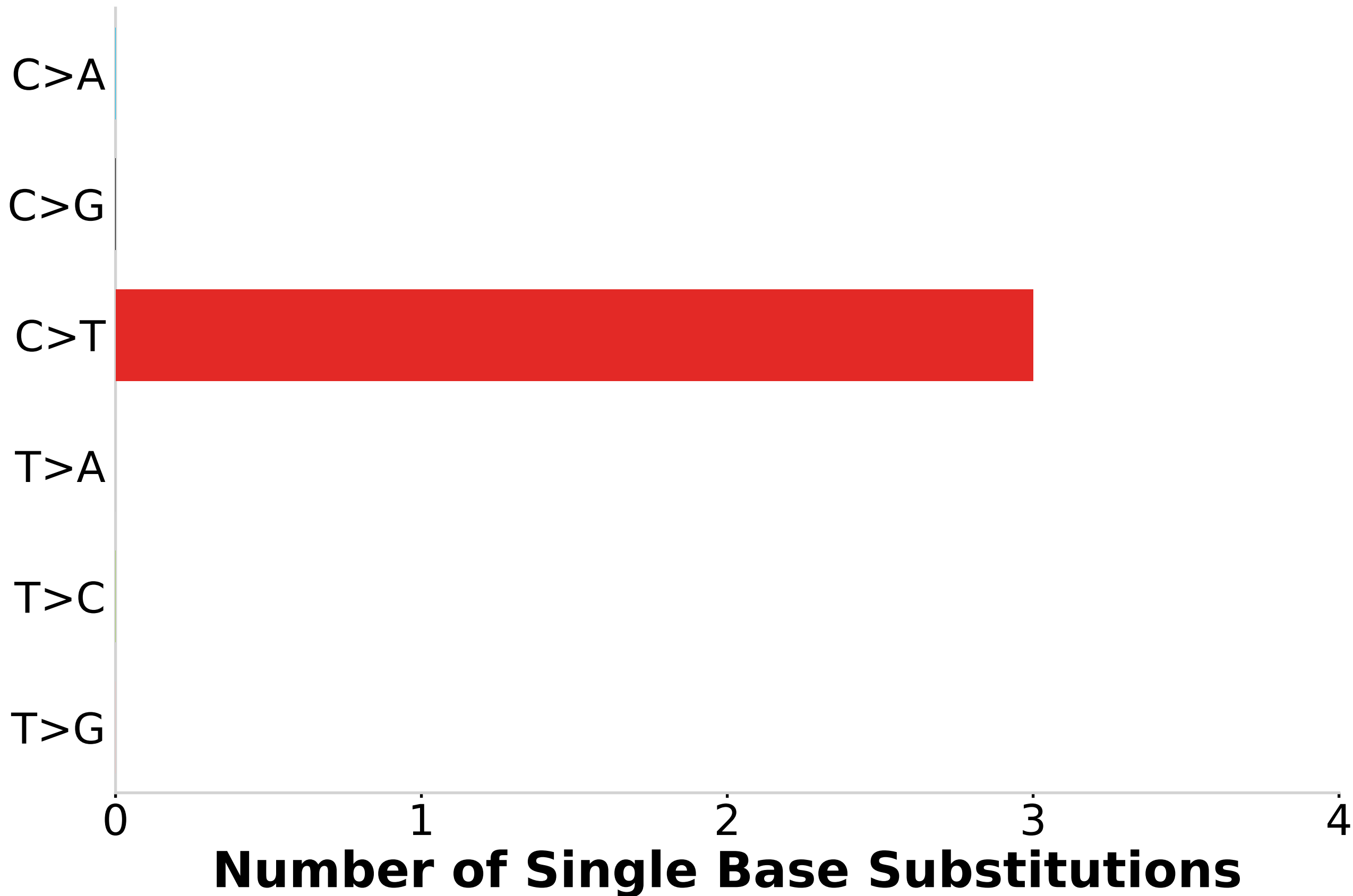
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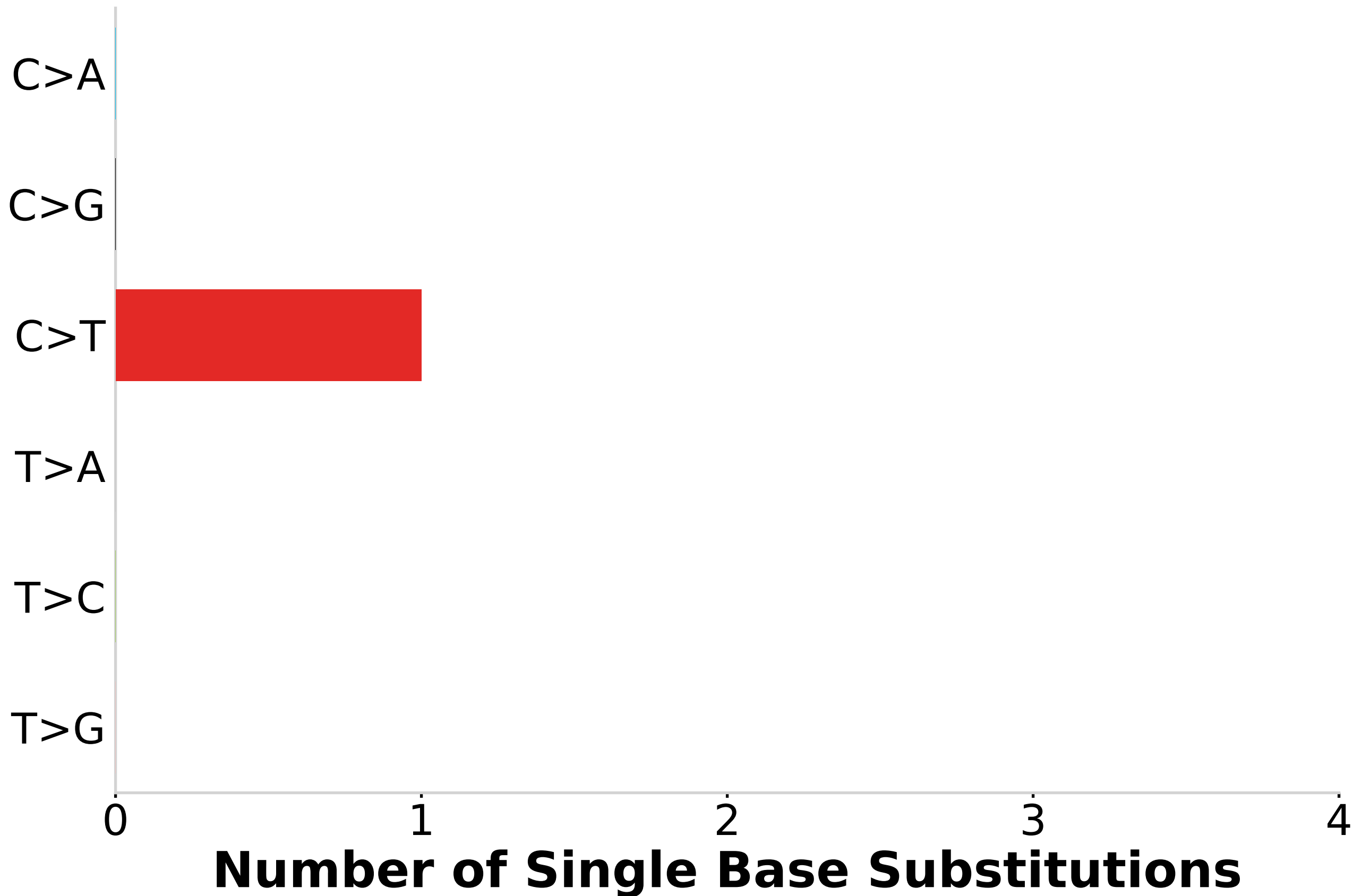
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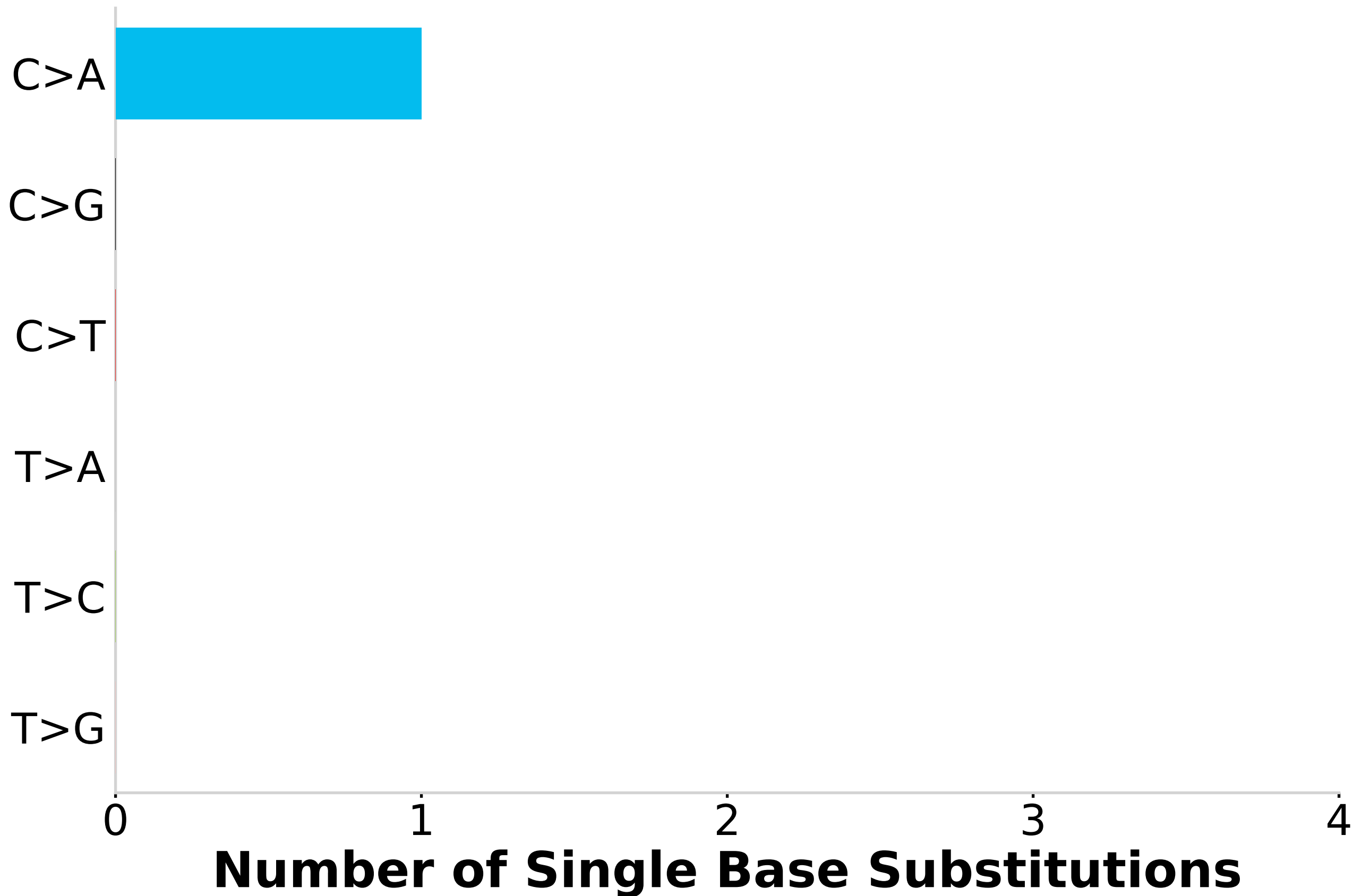
TCGA-GM-A2DI-01A-31D-A18P-09: 3 subs



TCGA-GM-A2DK-01A-21D-A17W-09: 1 subs



TCGA-GM-A2DL-01A-11D-A18P-09: 1 subs



TCGA-GM-A2DO-01A-11D-A19Y-09: 5 subs

C>A

C>G

C>T

T>A

T>C

T>G

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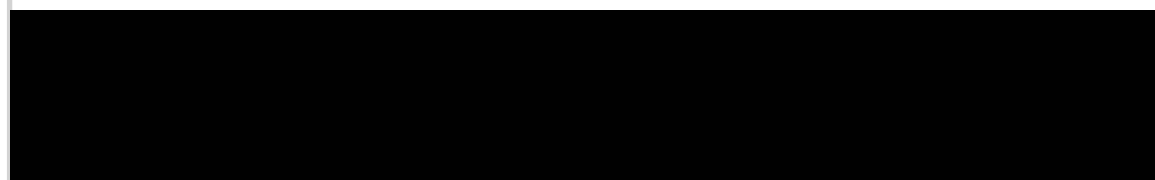
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Number of Single Base Substitutions



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C>T

T>A

T>C

T>G

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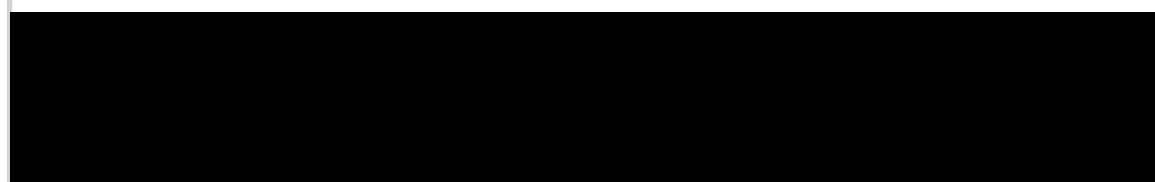
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Number of Single Base Substitutions



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C>G

C>T

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T>C

T>G

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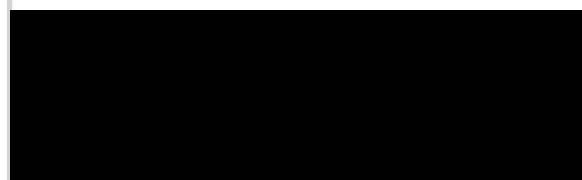
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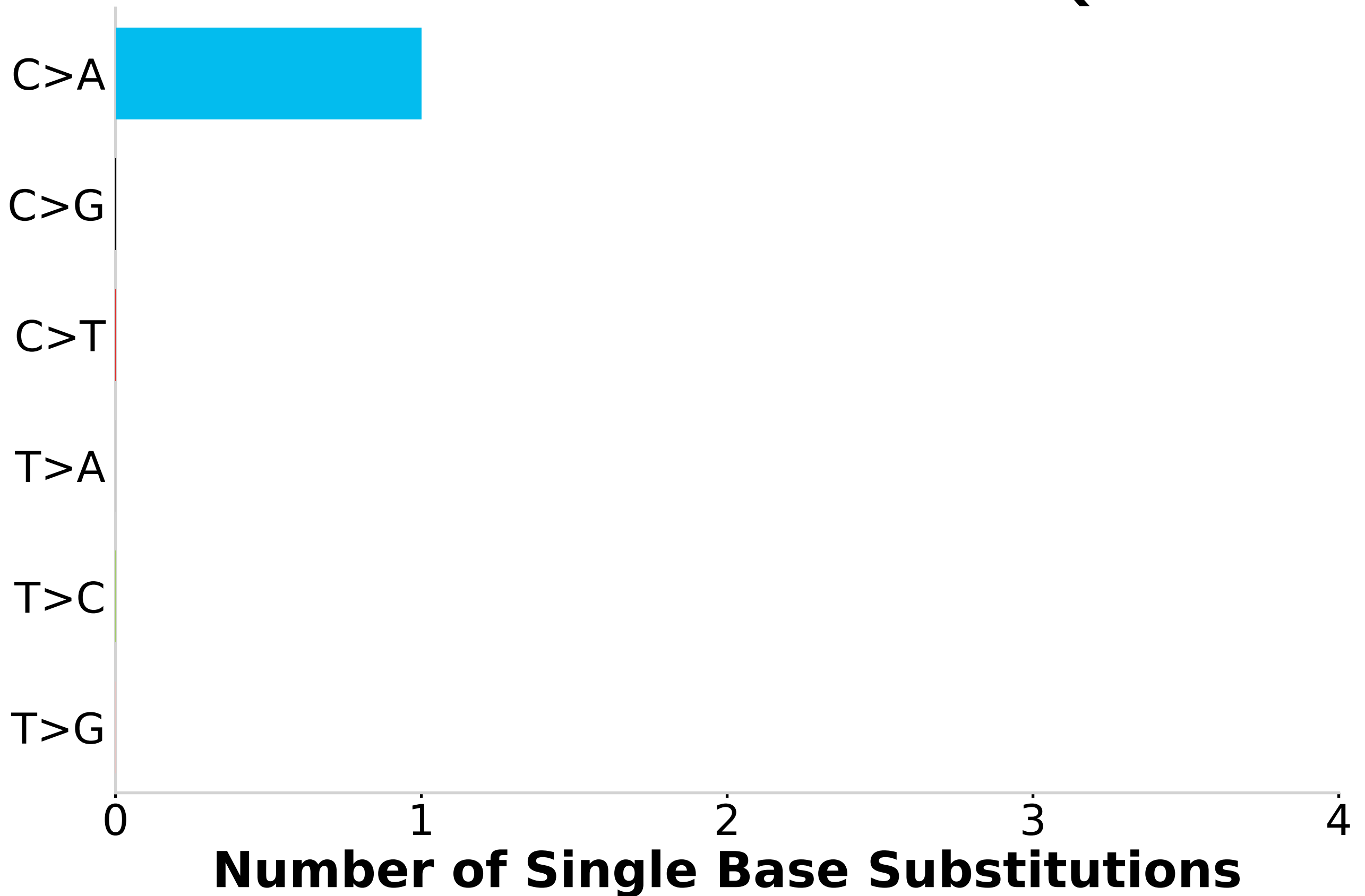
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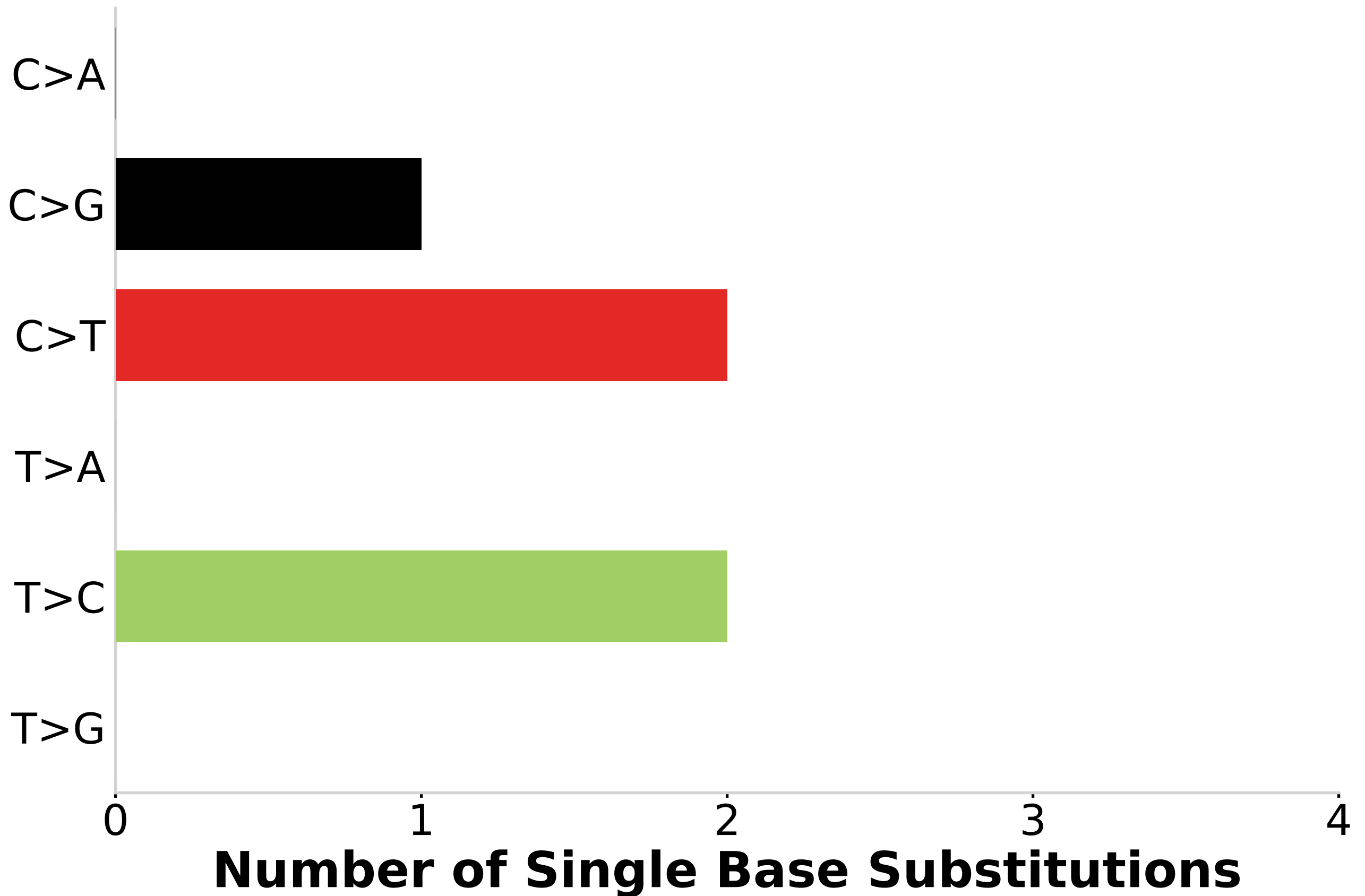
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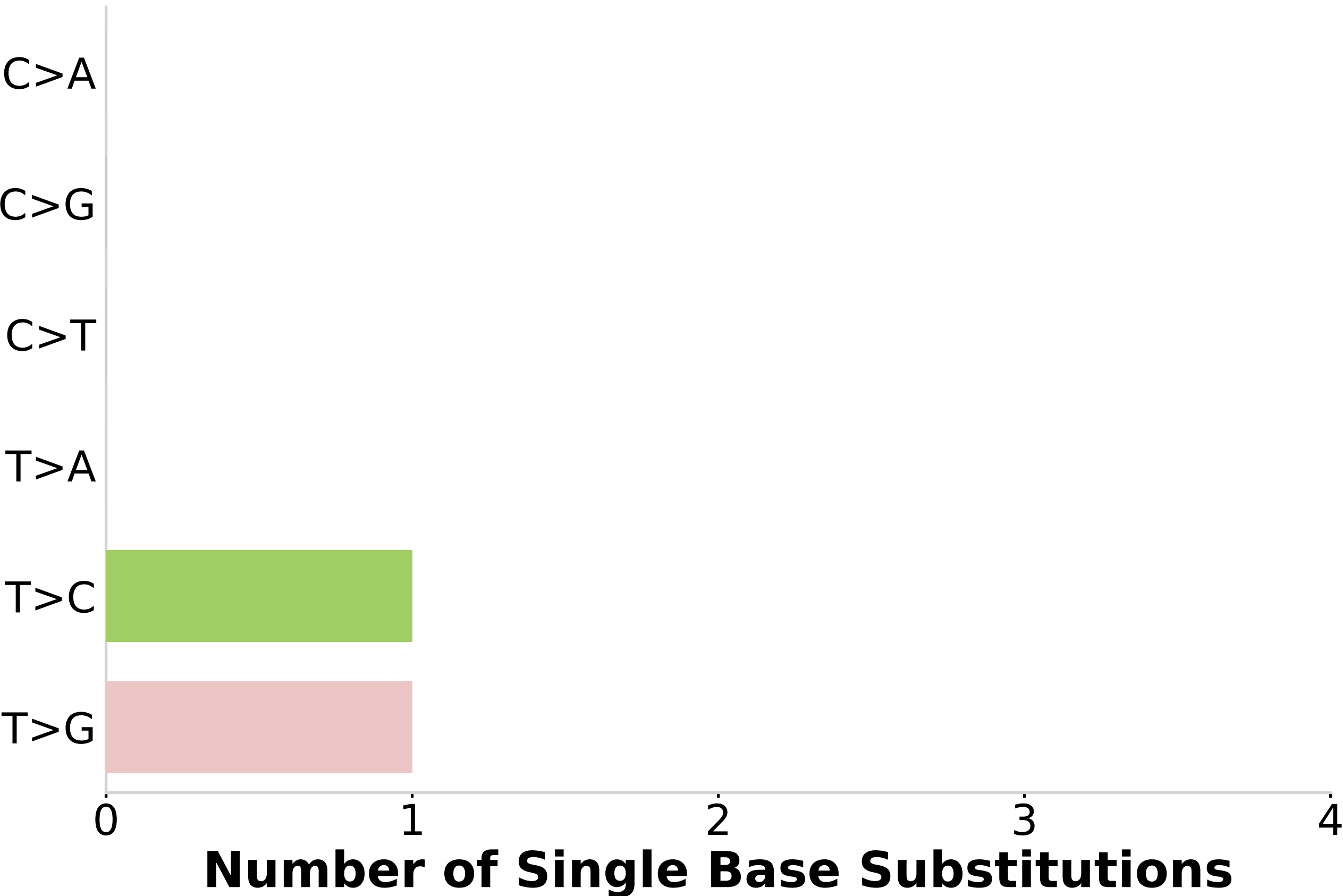
TCGA-GM-A4E0-01A-12D-A25Q-09: 1 subs



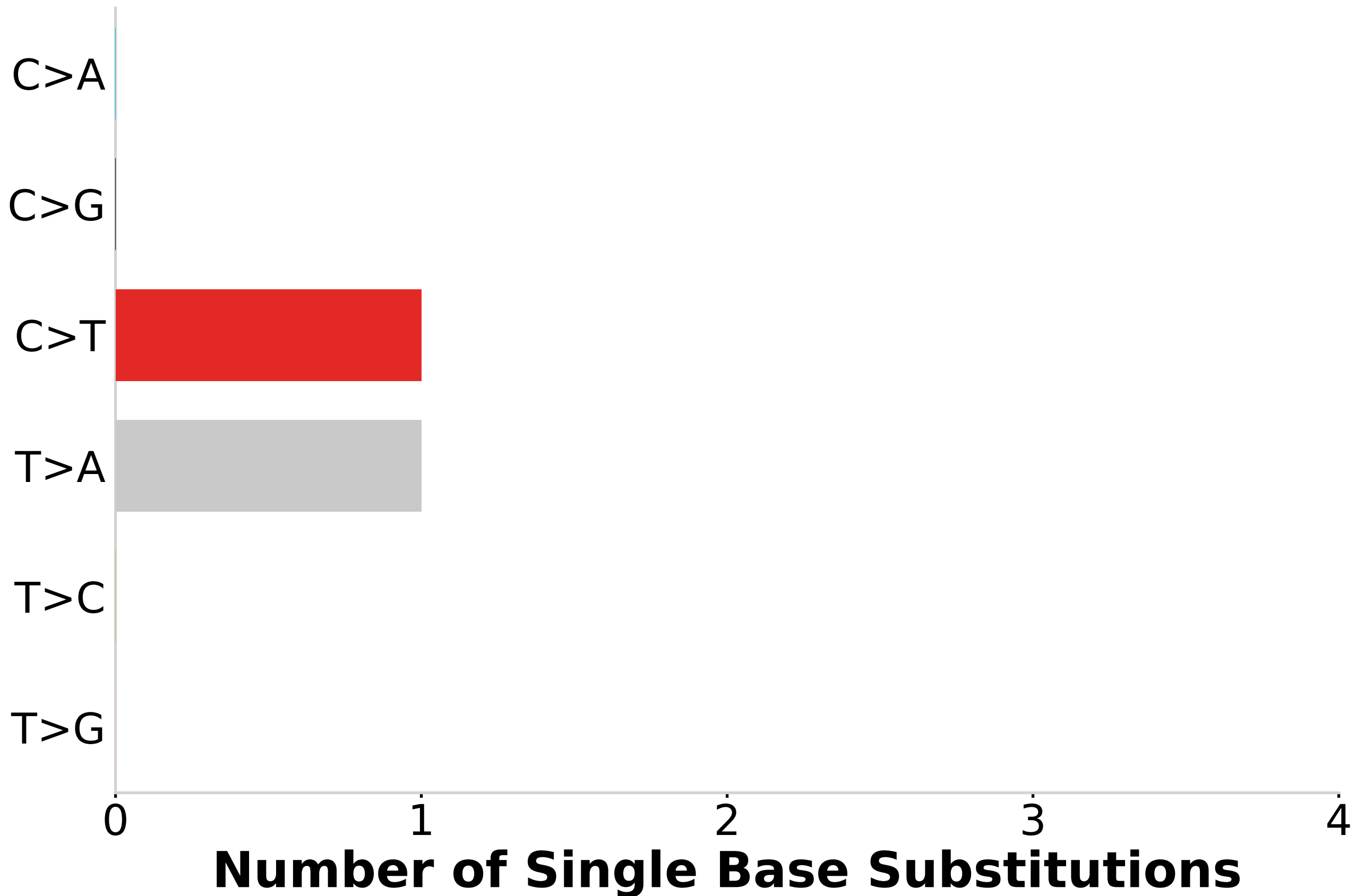
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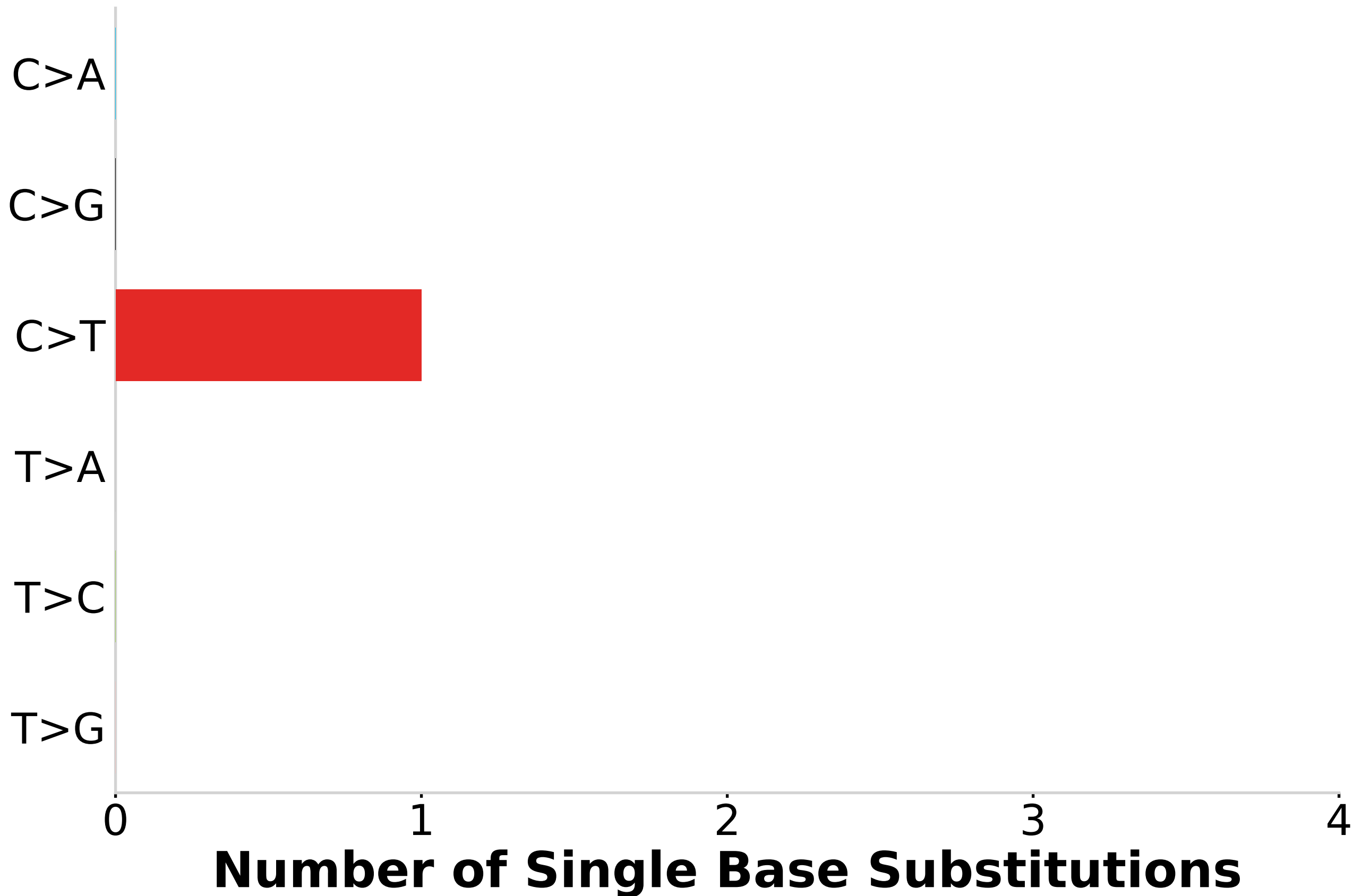
TCGA-GM-A5PX-01A-12D-A28B-09: 2 subs



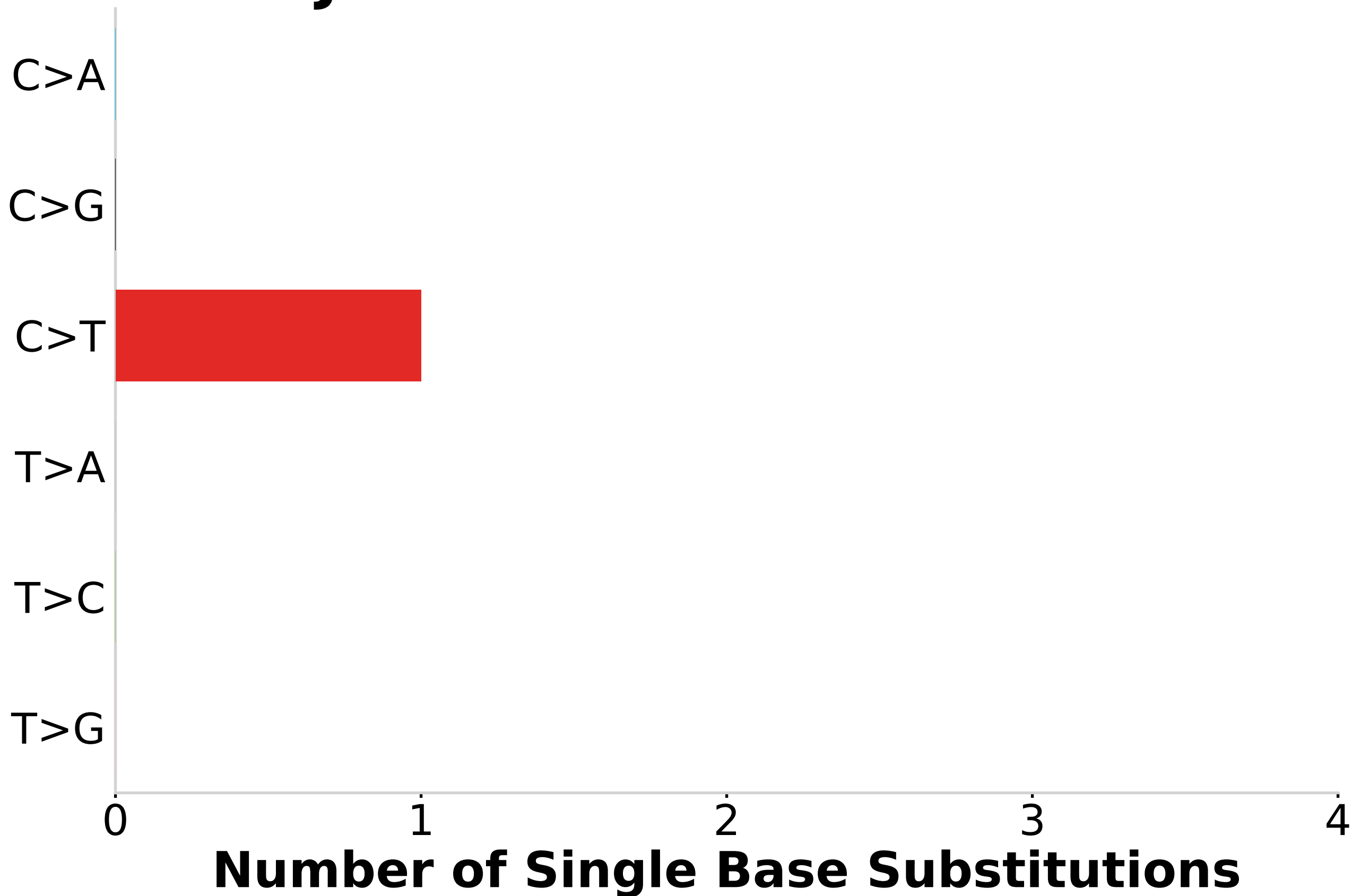
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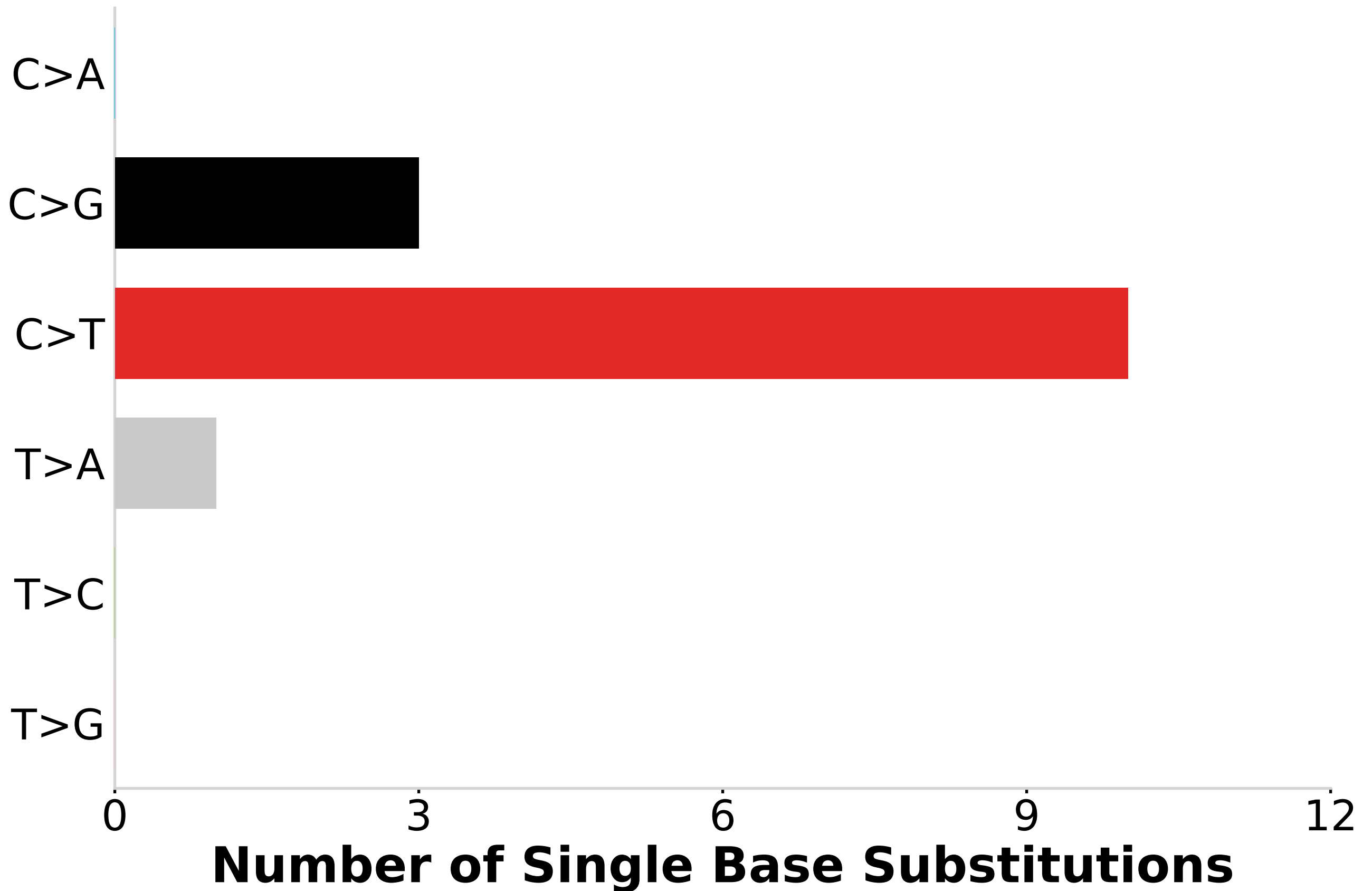
TCGA-HN-A20B-01A-21D-A27P-09: 1 subs



TCGA-JL-A3YX-01A-11D-A22X-09: 1 subs

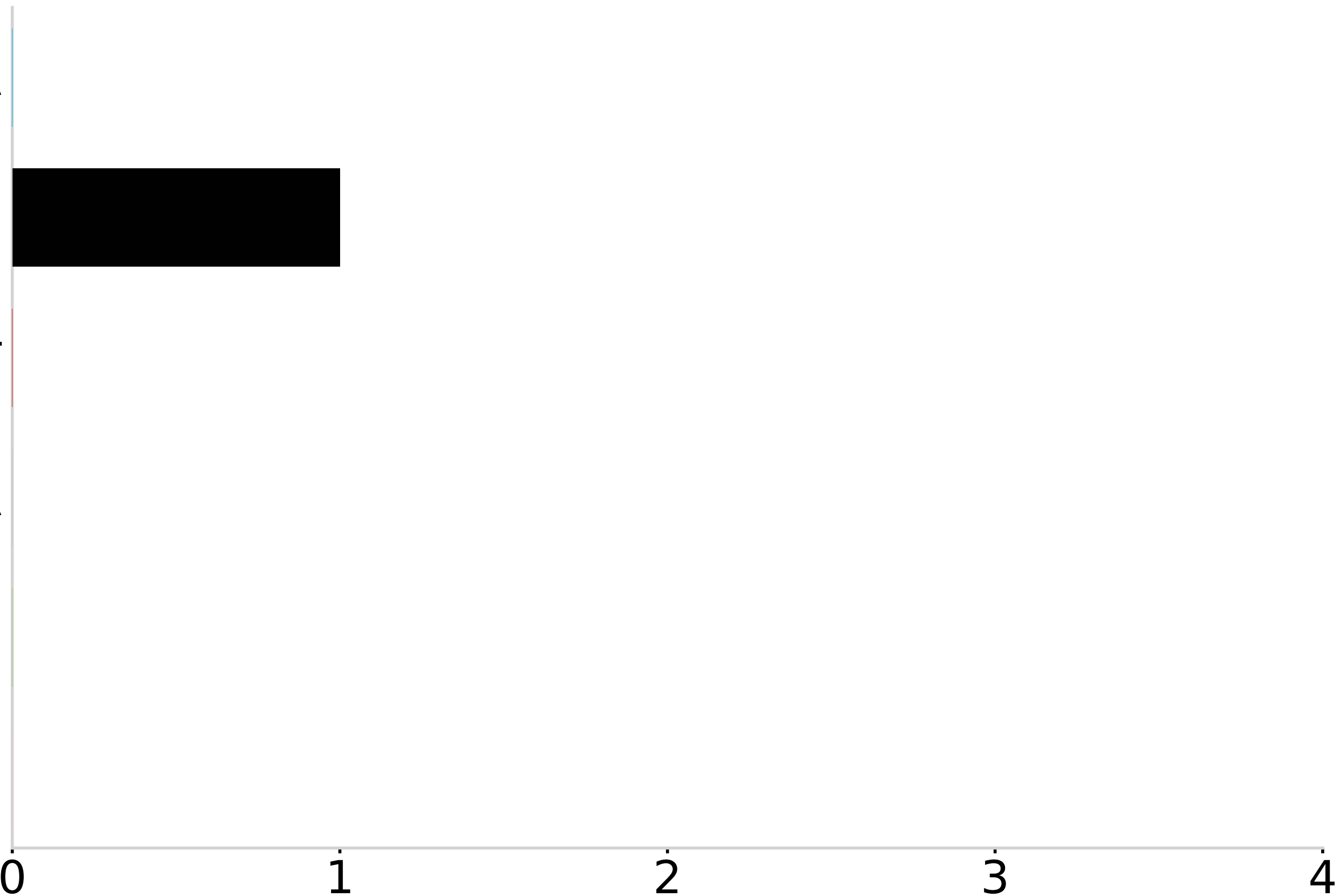


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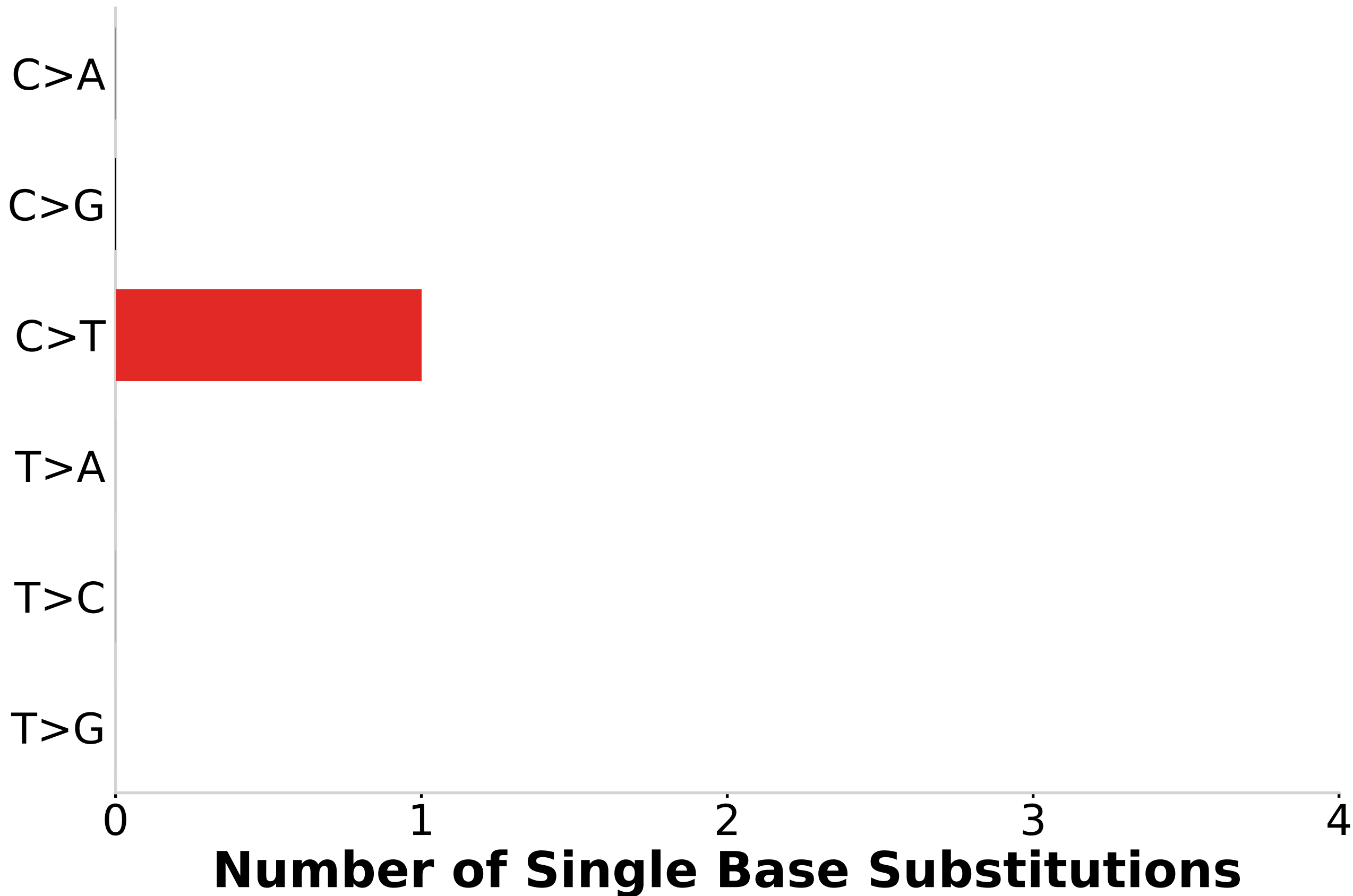
TCGA-LD-A7W5-01A-22D-A351-09: 1 subs

C>A
C>G
C>T
T>A
T>C
T>G



Number of Single Base Substitutions

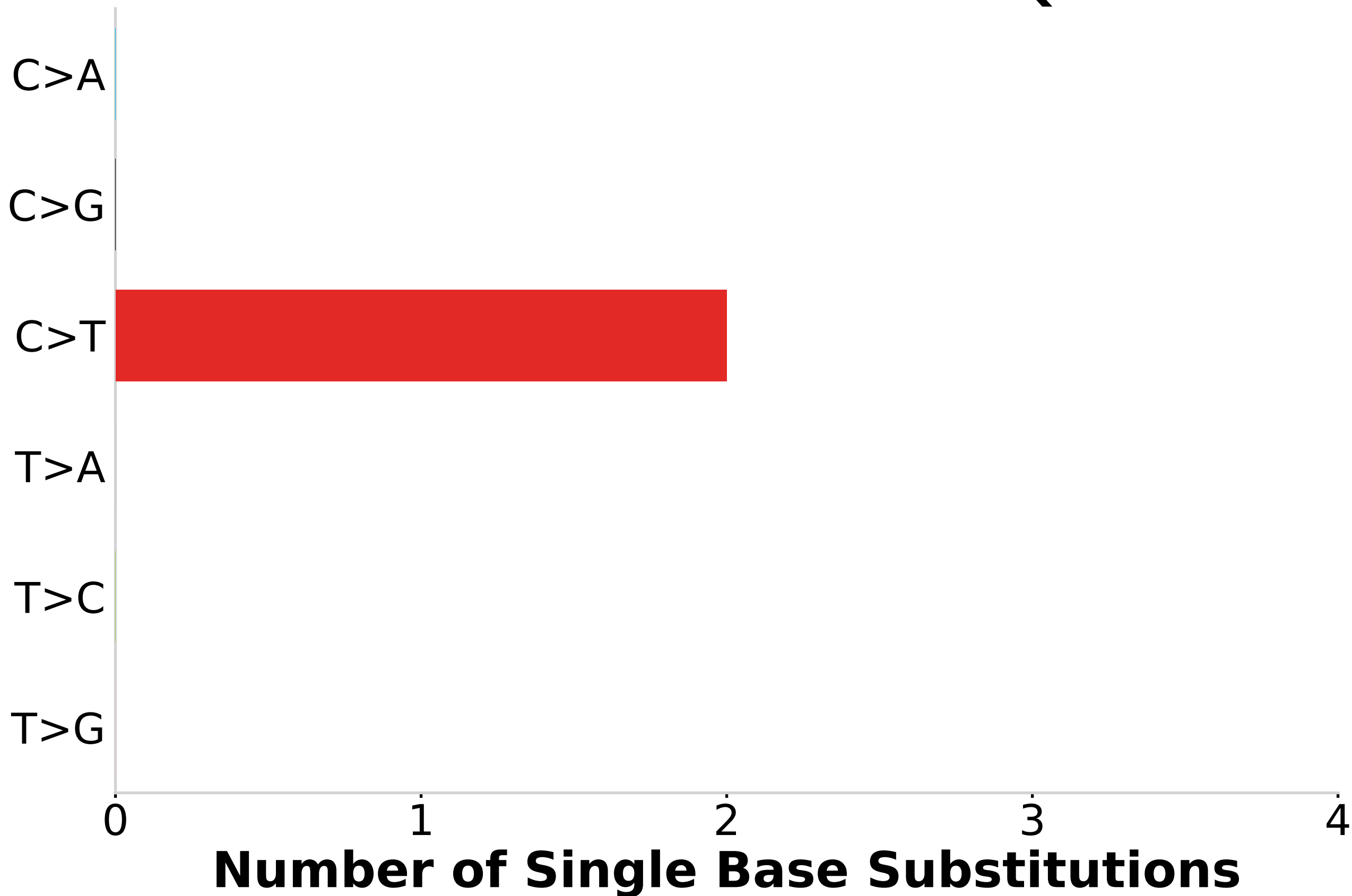
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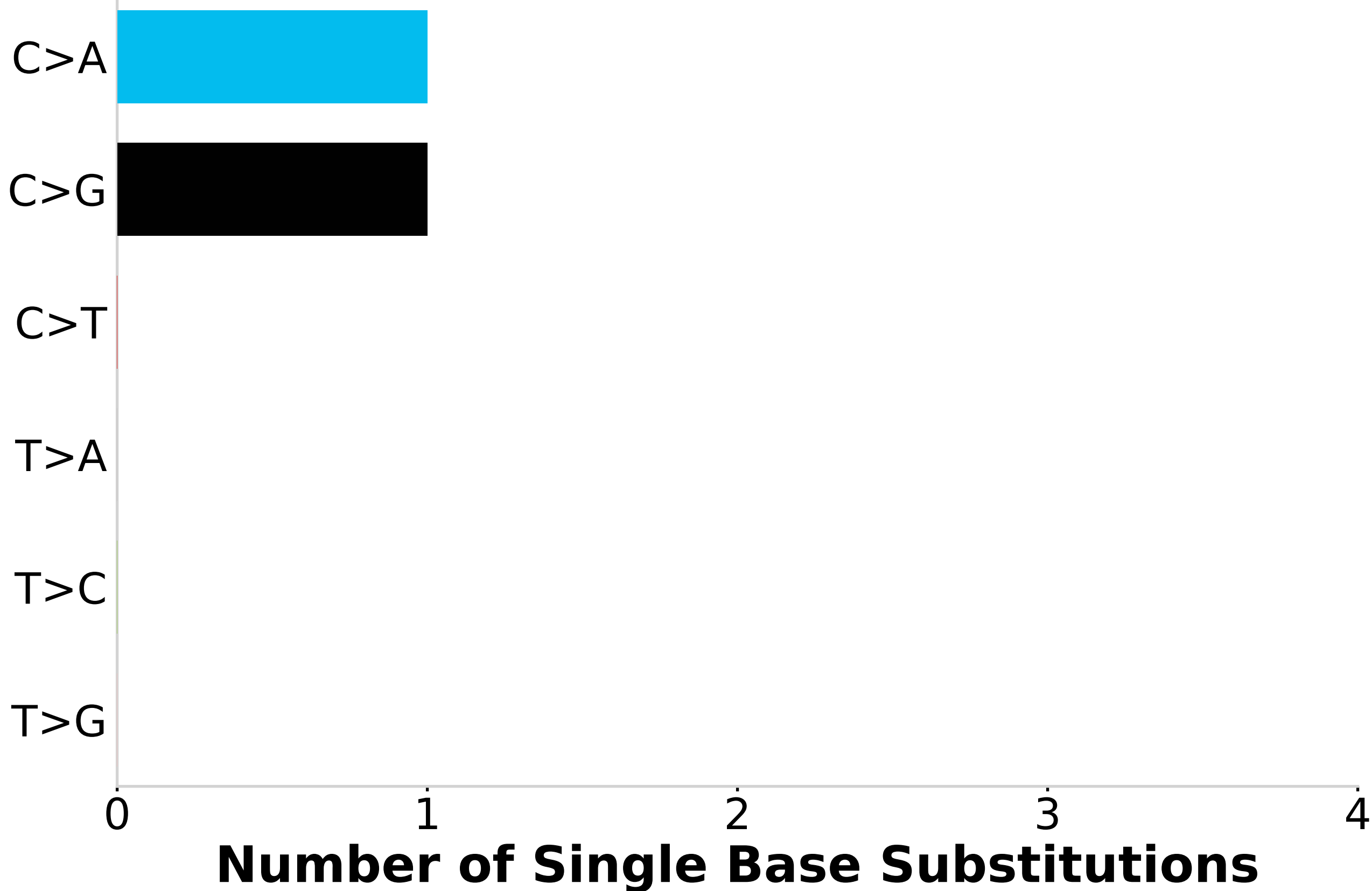
TCGA-LL-A440-01A-11D-A243-09: 1 subs



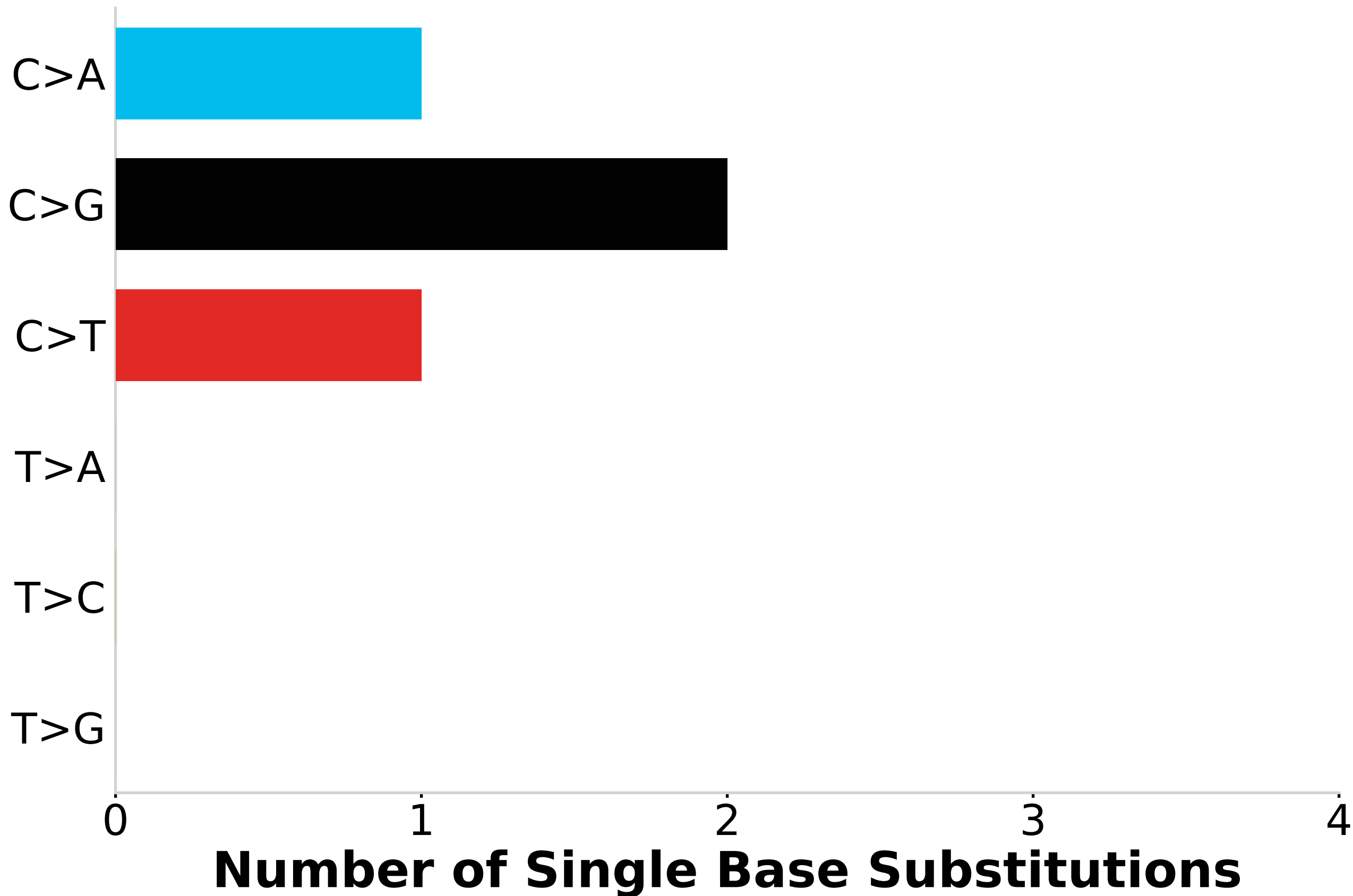
TCGA-LL-A50Y-01A-11D-A25Q-09: 2 subs



TCGA-LL-A5YL-01A-12D-A29N-09: 2 subs



TCGA-LL-A5YM-01A-11D-A28B-09: 4 subs



TCGA-LL-A5YO-01A-21D-A28B-09: 1 subs

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C>G

C>T

T>A

T>C

T>G

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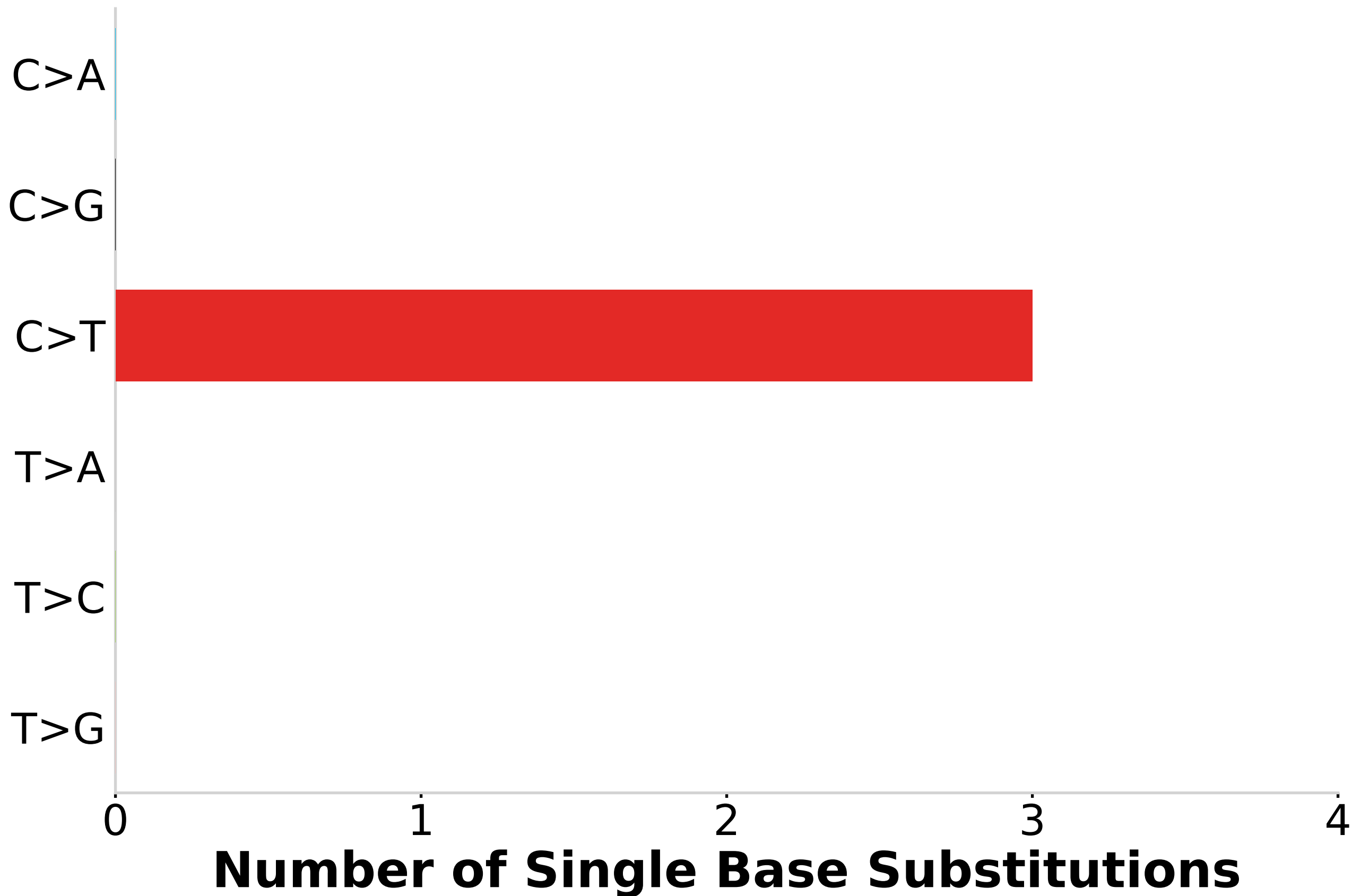
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Number of Single Base Substitutions



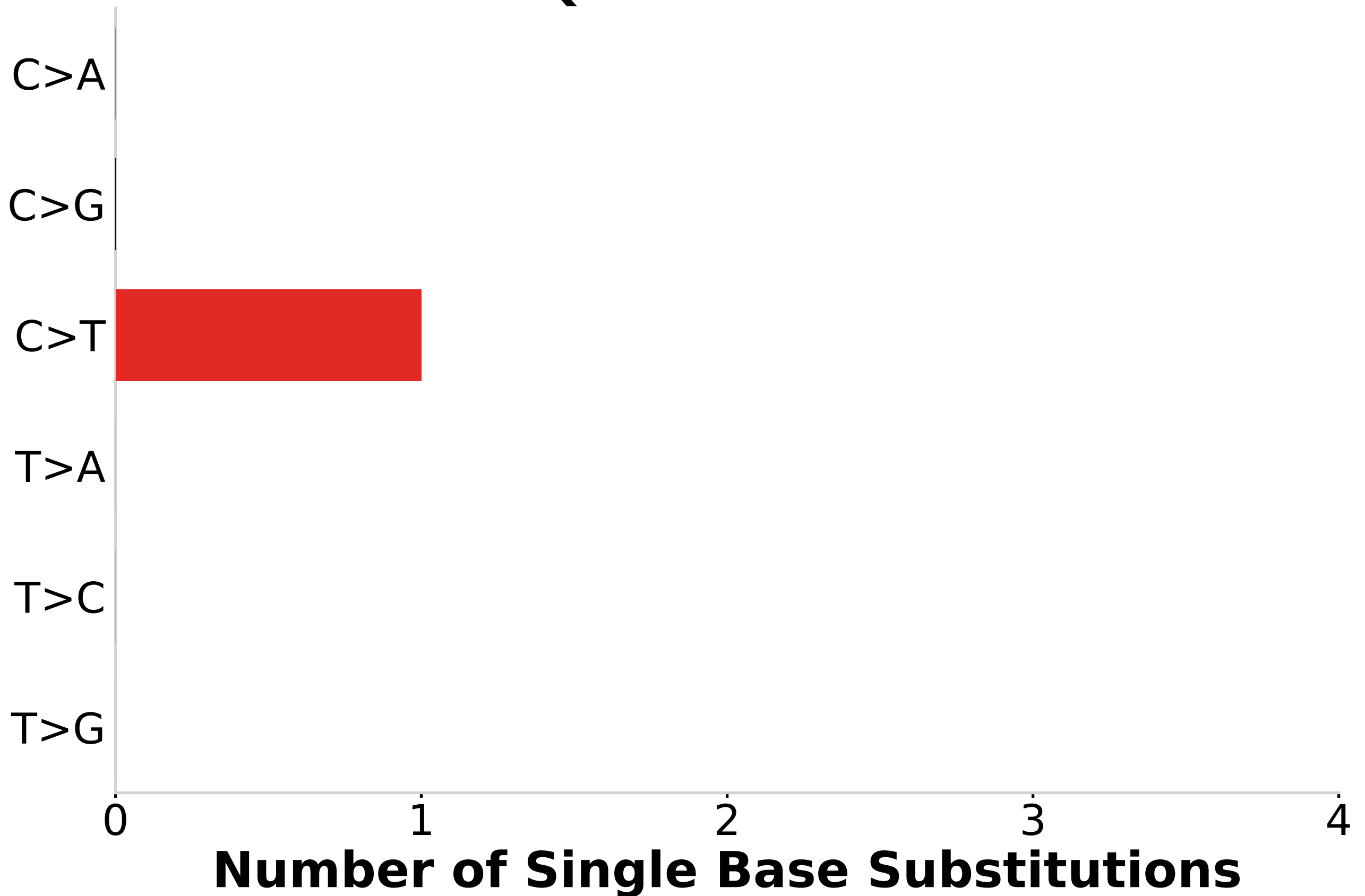
TCGA-LL-A5YP-01A-21D-A28B-09: 3 subs



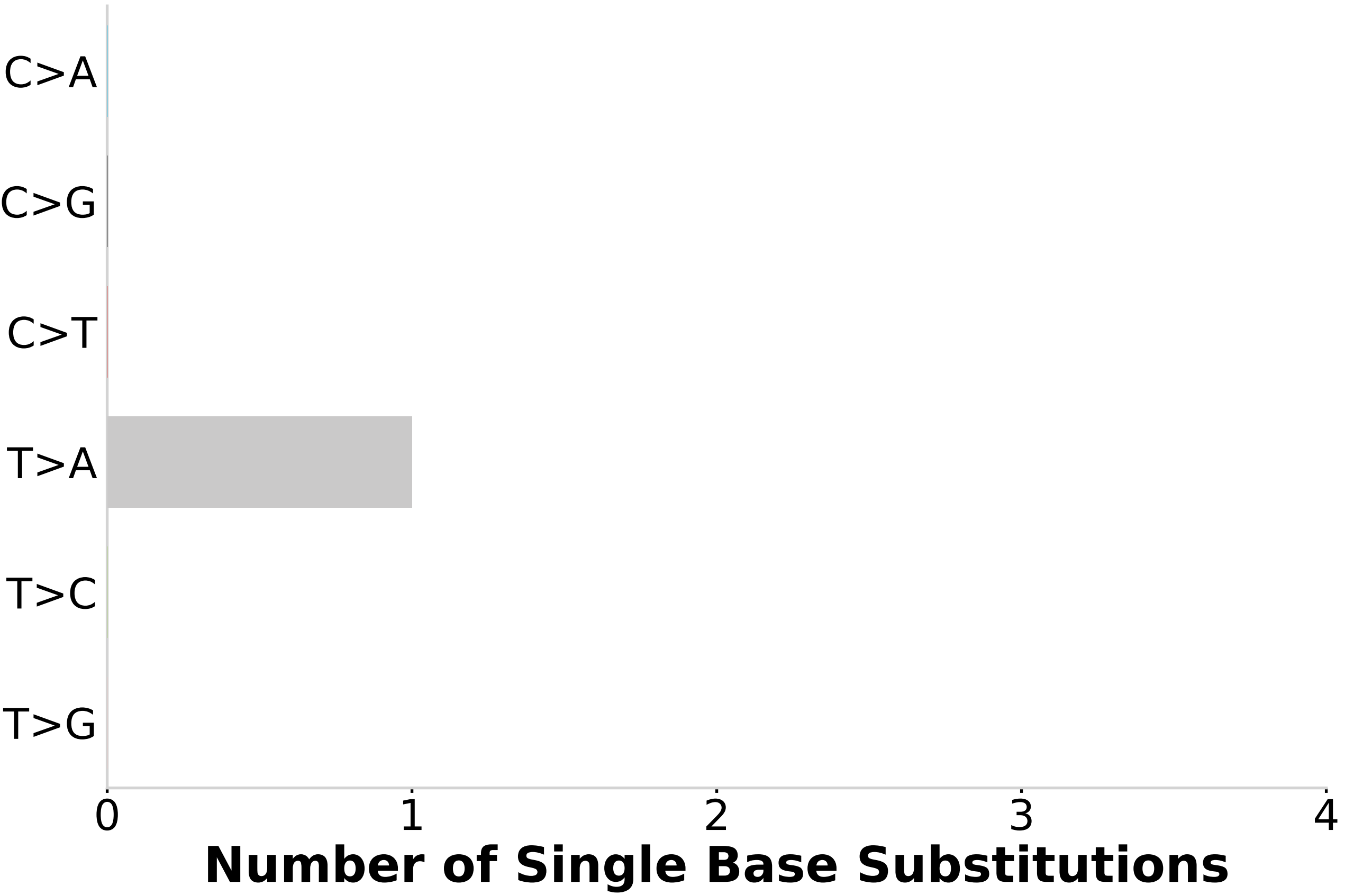
TCGA-LL-A6FP-01A-11D-A31U-09: 1 subs



TCGA-LL-A6FQ-01A-11D-A31U-09: 1 subs



TCGA-LL-A6FR-01A-12D-A31U-09: 1 subs



TCGA-LL-A73Y-01A-11D-A33E-09: 10 subs

C>A

C>G

C>T

T>A

T>C

T>G

0

2

4

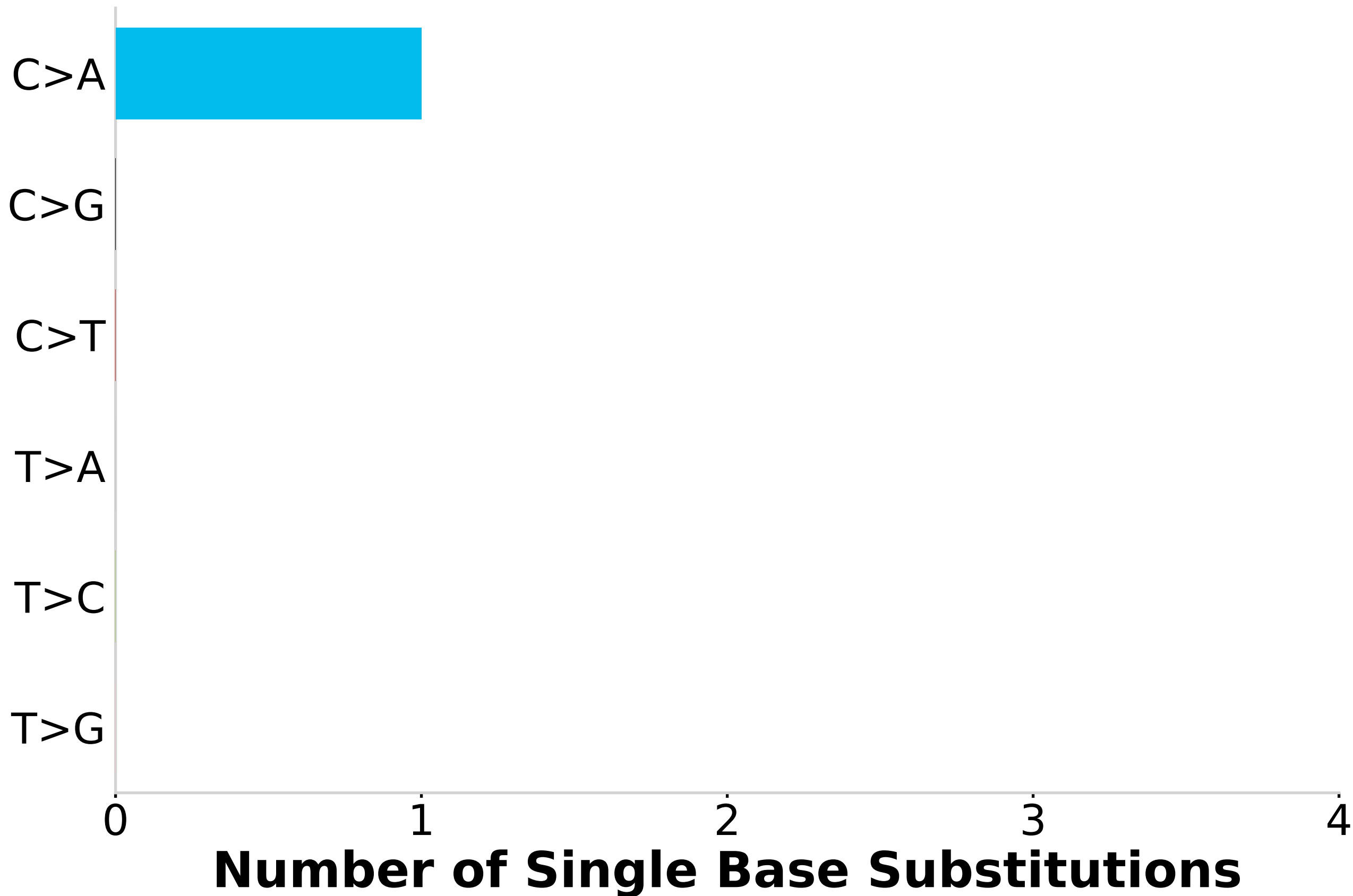
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8

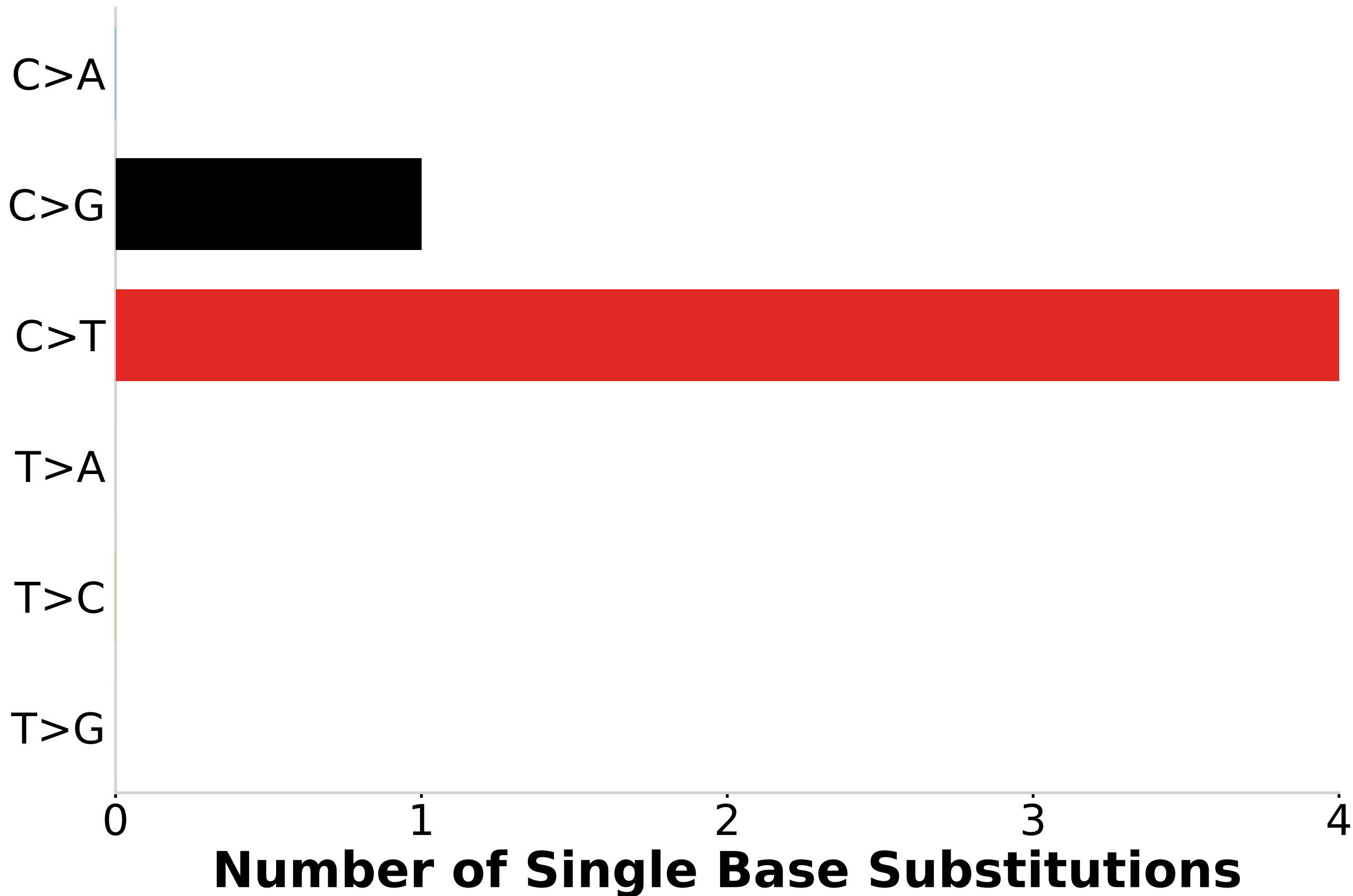
Number of Single Base Substitutions



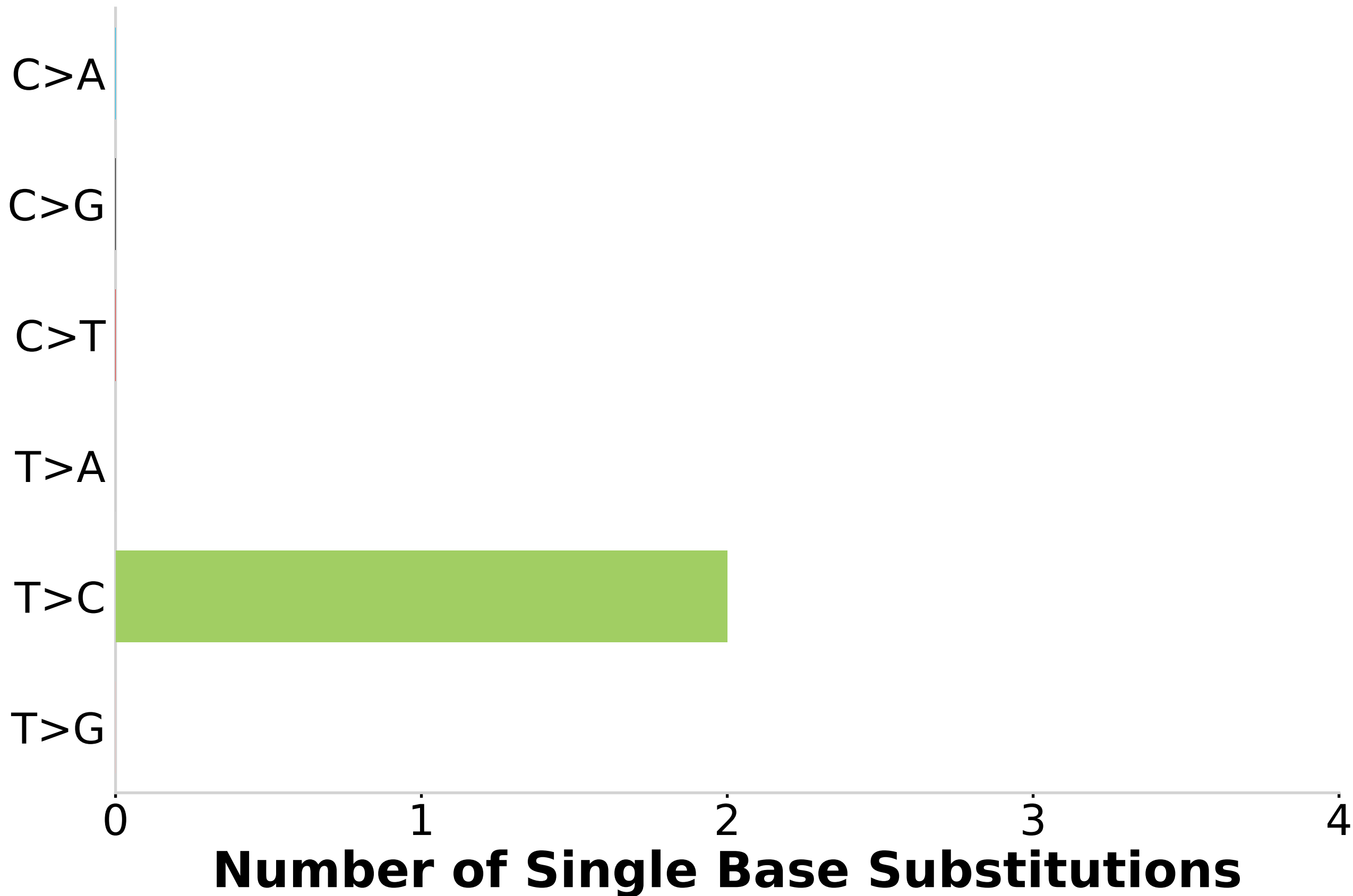
TCGA-LL-A73Z-01A-11D-A32I-09: 1 subs



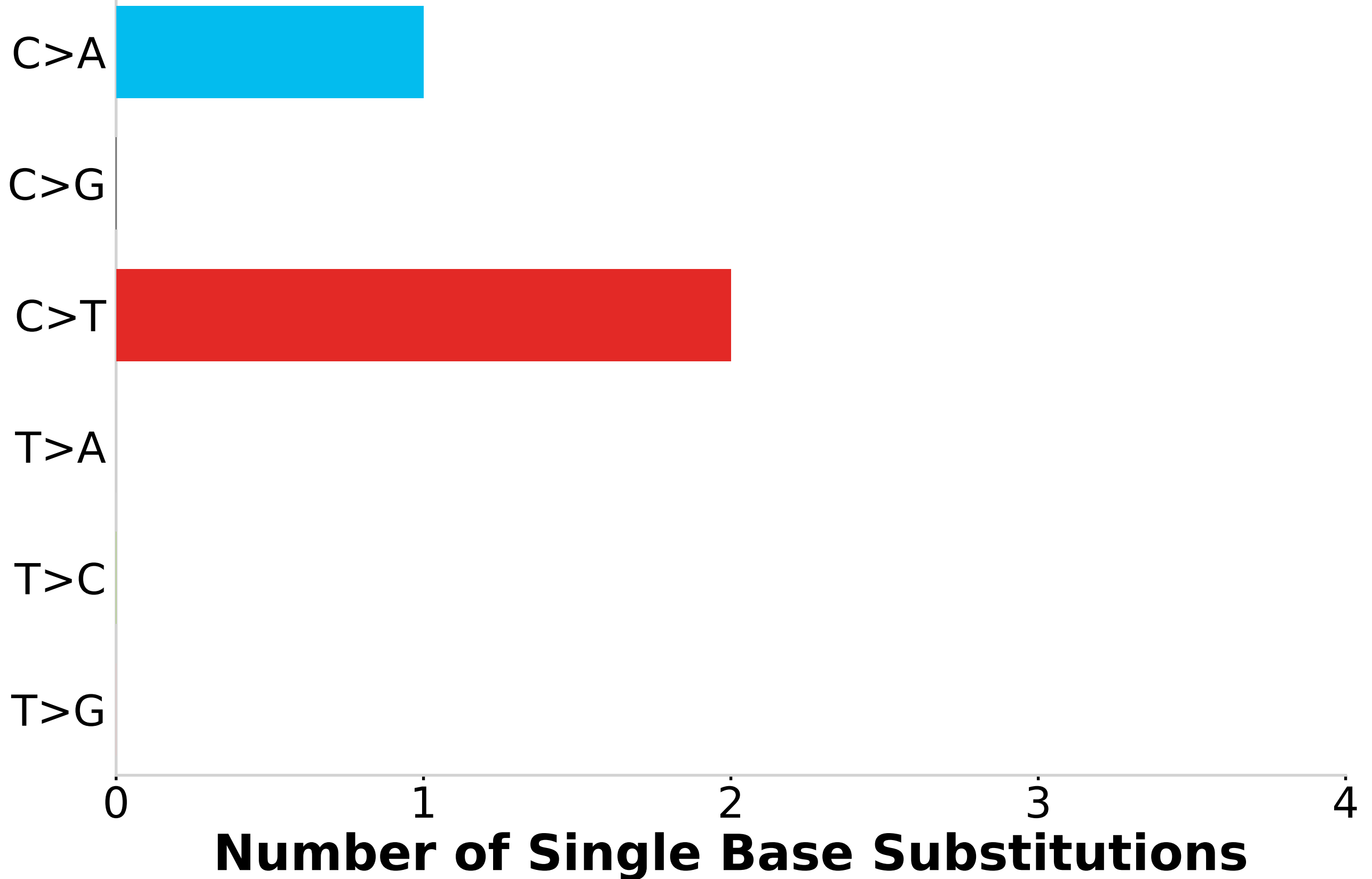
TCGA-LL-A740-01A-21D-A32I-09: 5 subs



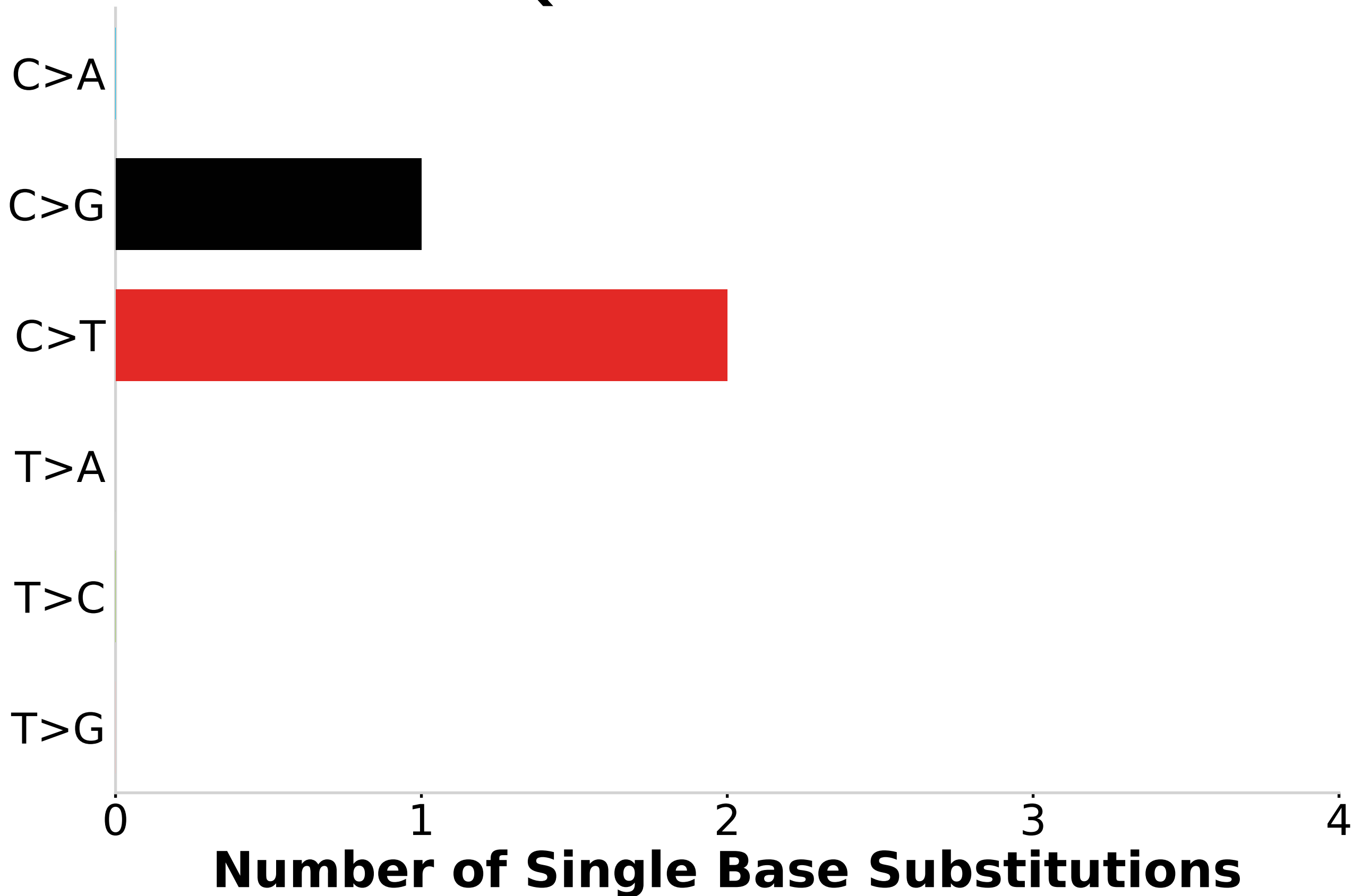
TCGA-LL-A7SZ-01A-32D-A351-09: 2 subs



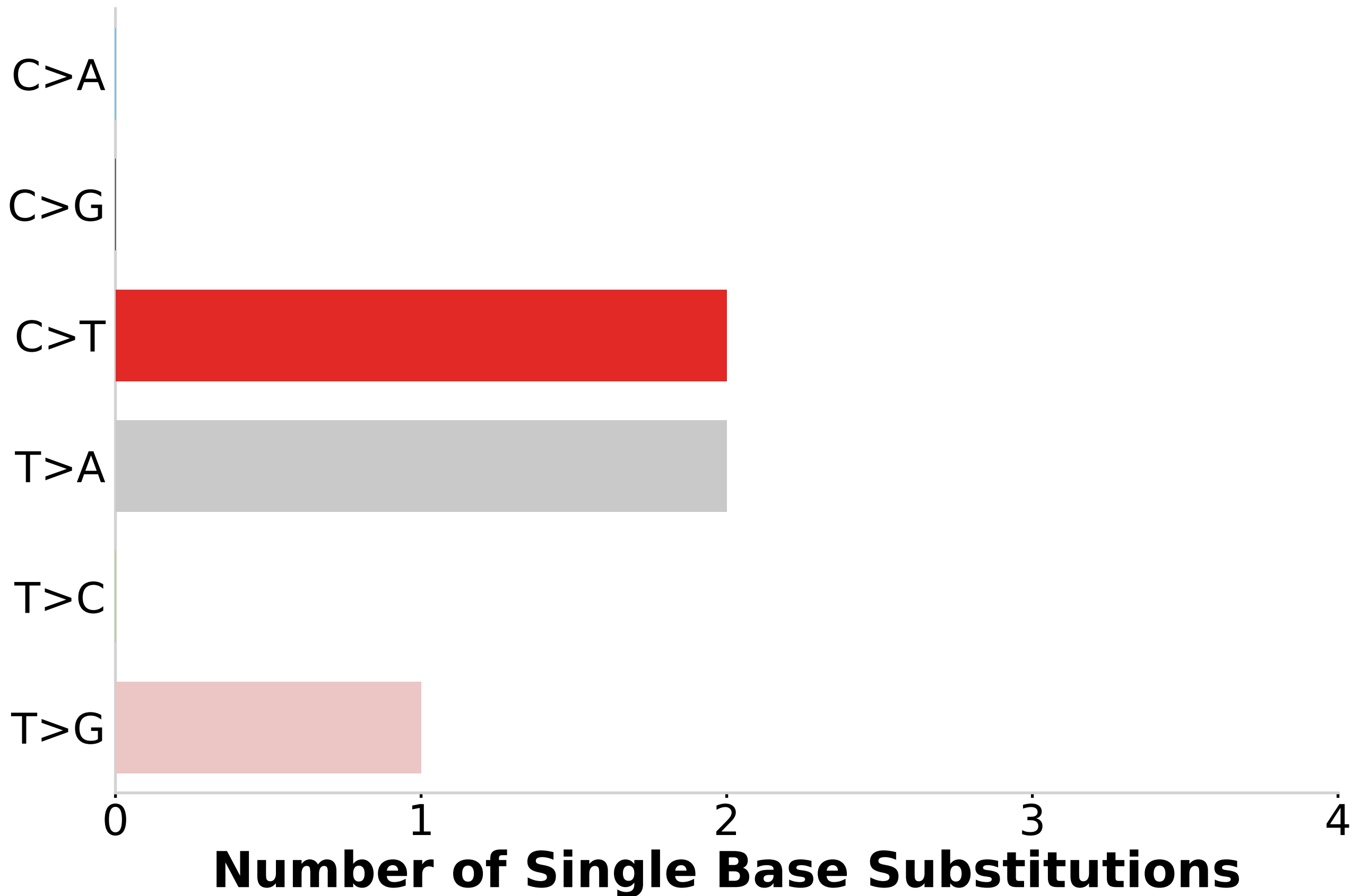
TCGA-LL-A8F5-01A-11D-A36J-09: 3 subs



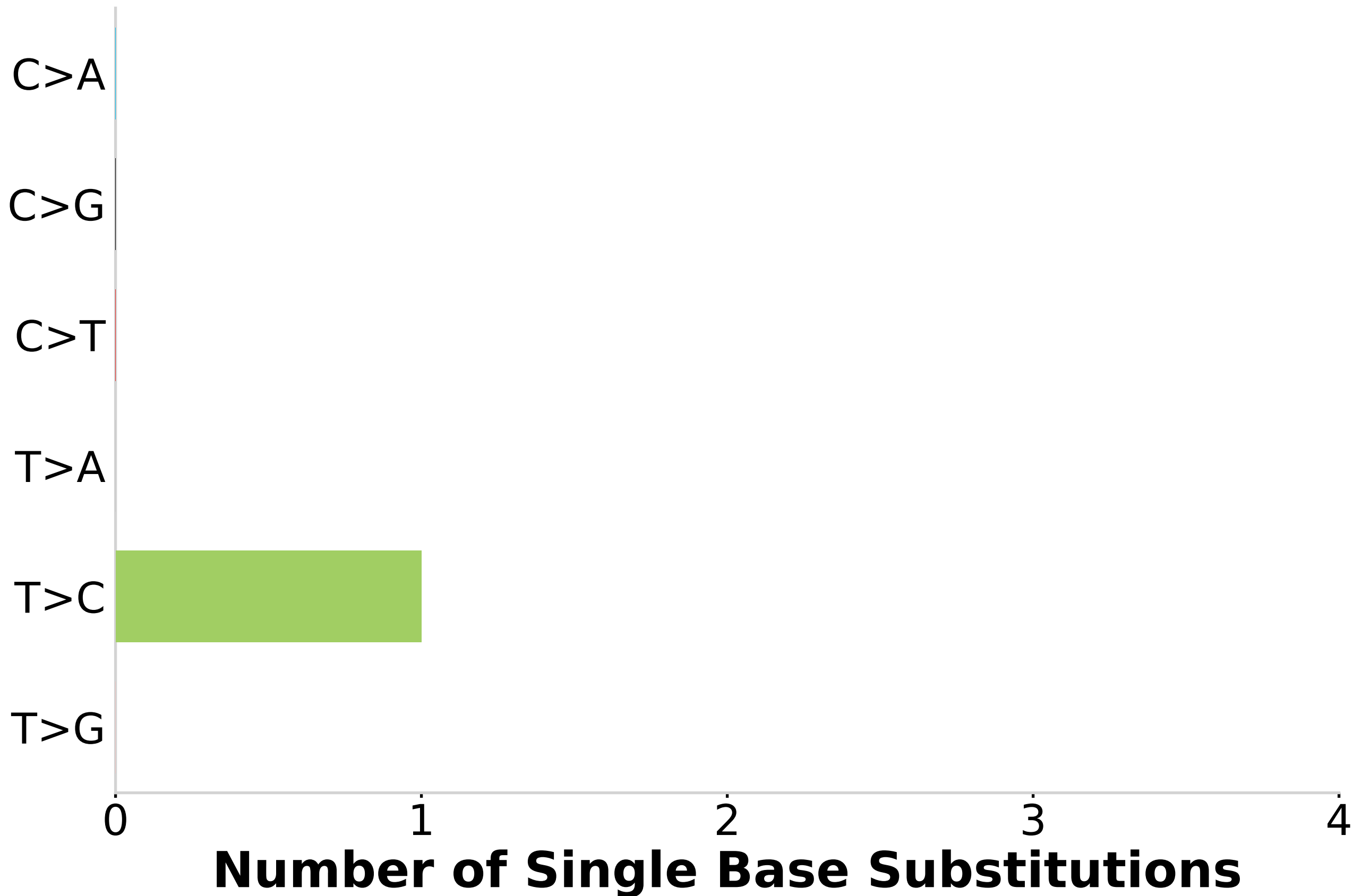
TCGA-OK-A5Q2-01A-11D-A27P-09: 3 subs



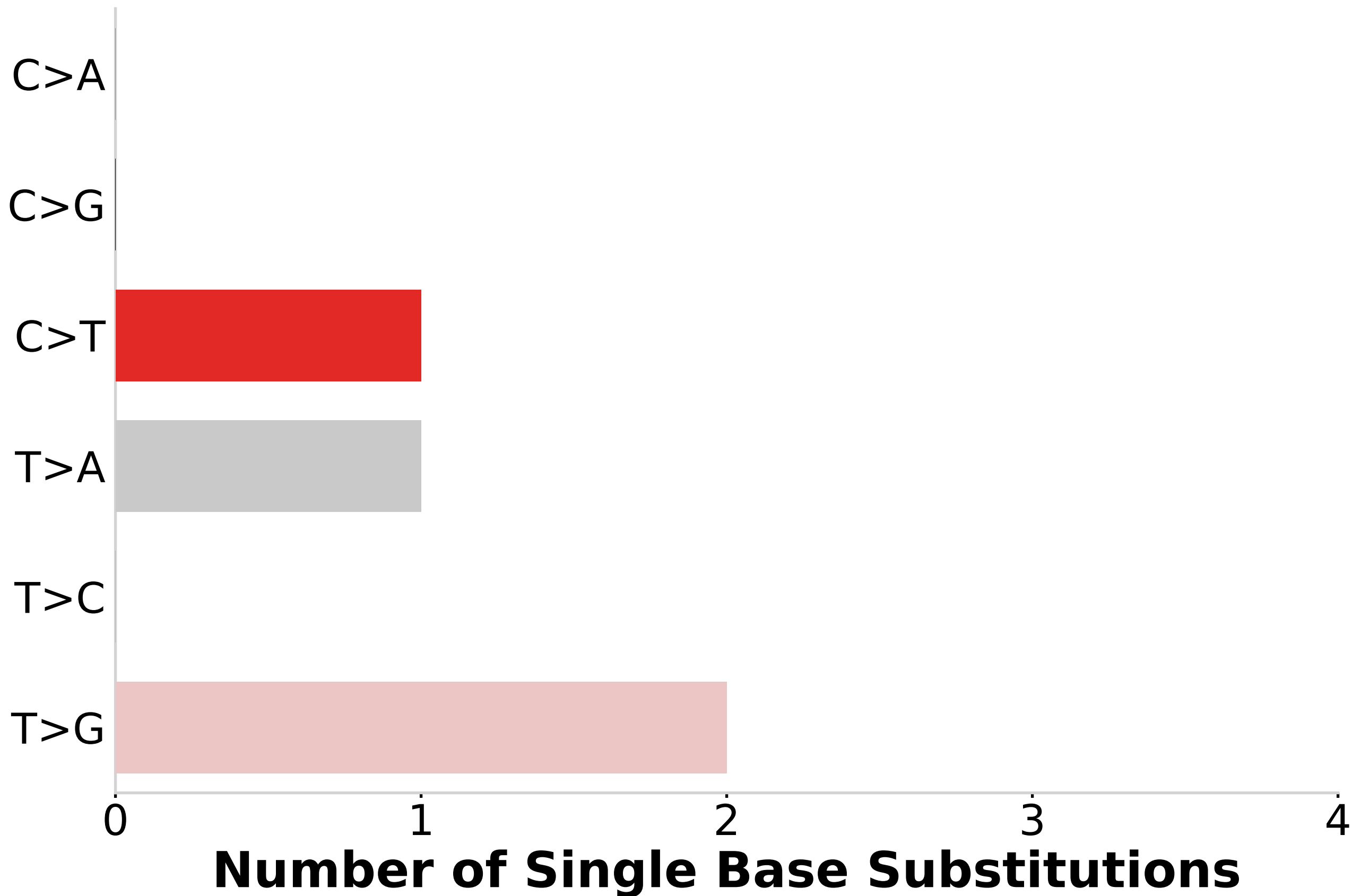
TCGA-OL-A5D6-01A-21D-A27P-09: 5 subs



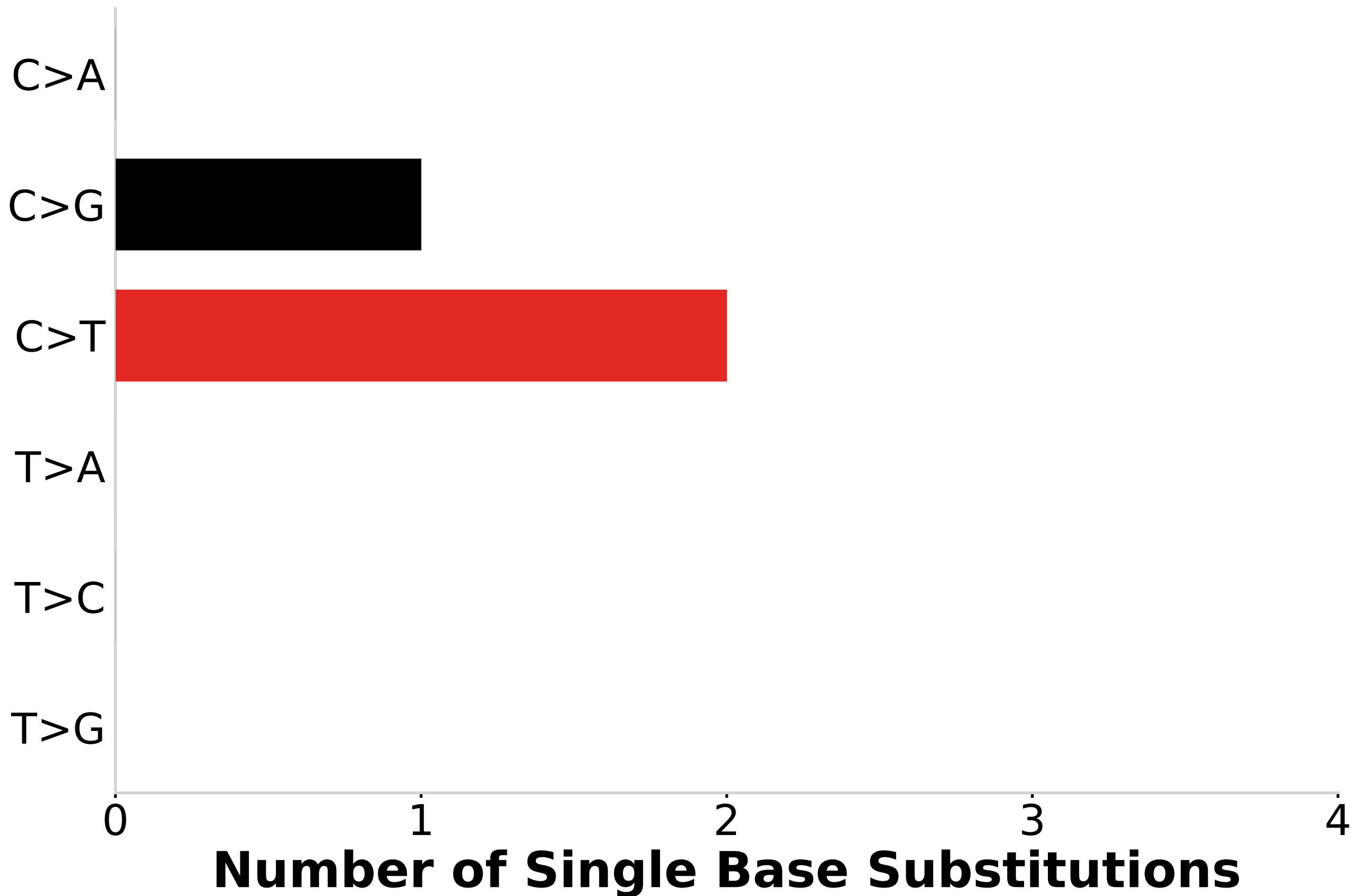
TCGA-OL-A5D7-01A-11D-A27P-09: 1 subs



TCGA-OL-A5D8-01A-11D-A27P-09: 4 subs



TCGA-OL-A5DA-01A-11D-A27P-09: 3 subs



TCGA-OL-A5RU-01A-11D-A28B-09: 1 subs



TCGA-OL-A5RW-01A-11D-A28B-09: 8 subs

C>A

C>G

C>T

T>A

T>C

T>G

0

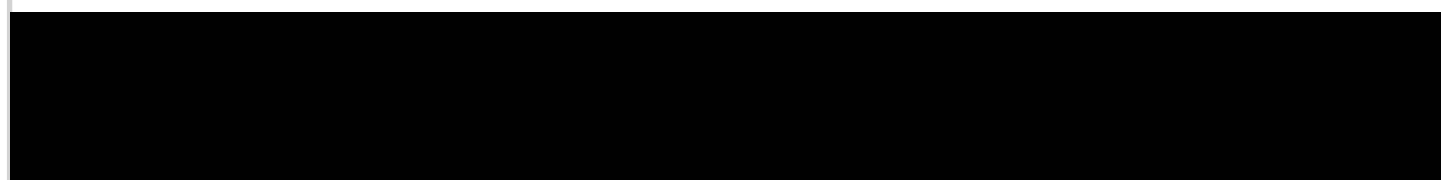
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4

6

8

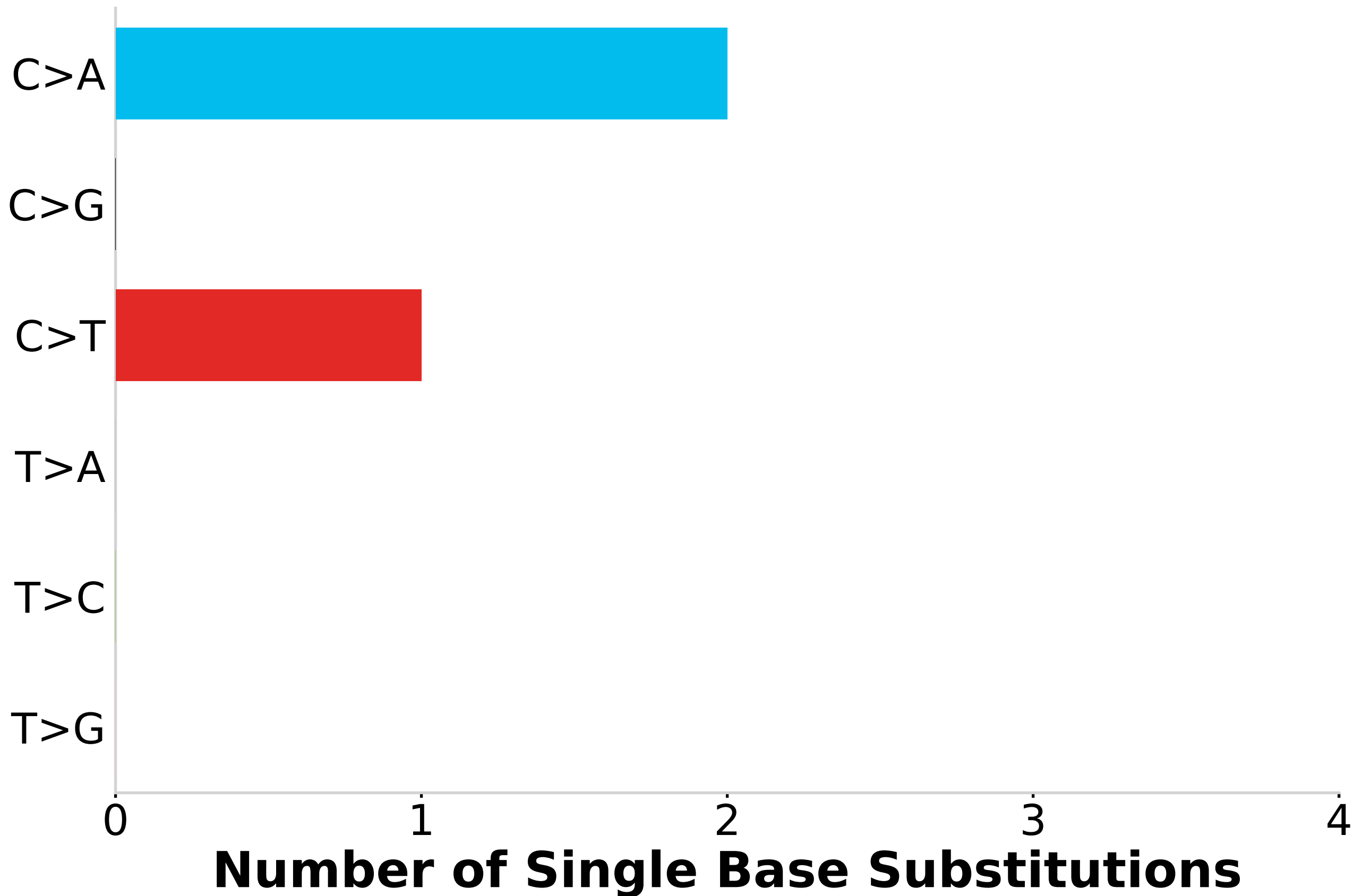
Number of Single Base Substitutions



TCGA-OL-A5RY-01A-21D-A28B-09: 1 subs



TCGA-OL-A5RZ-01A-11D-A28B-09: 3 subs



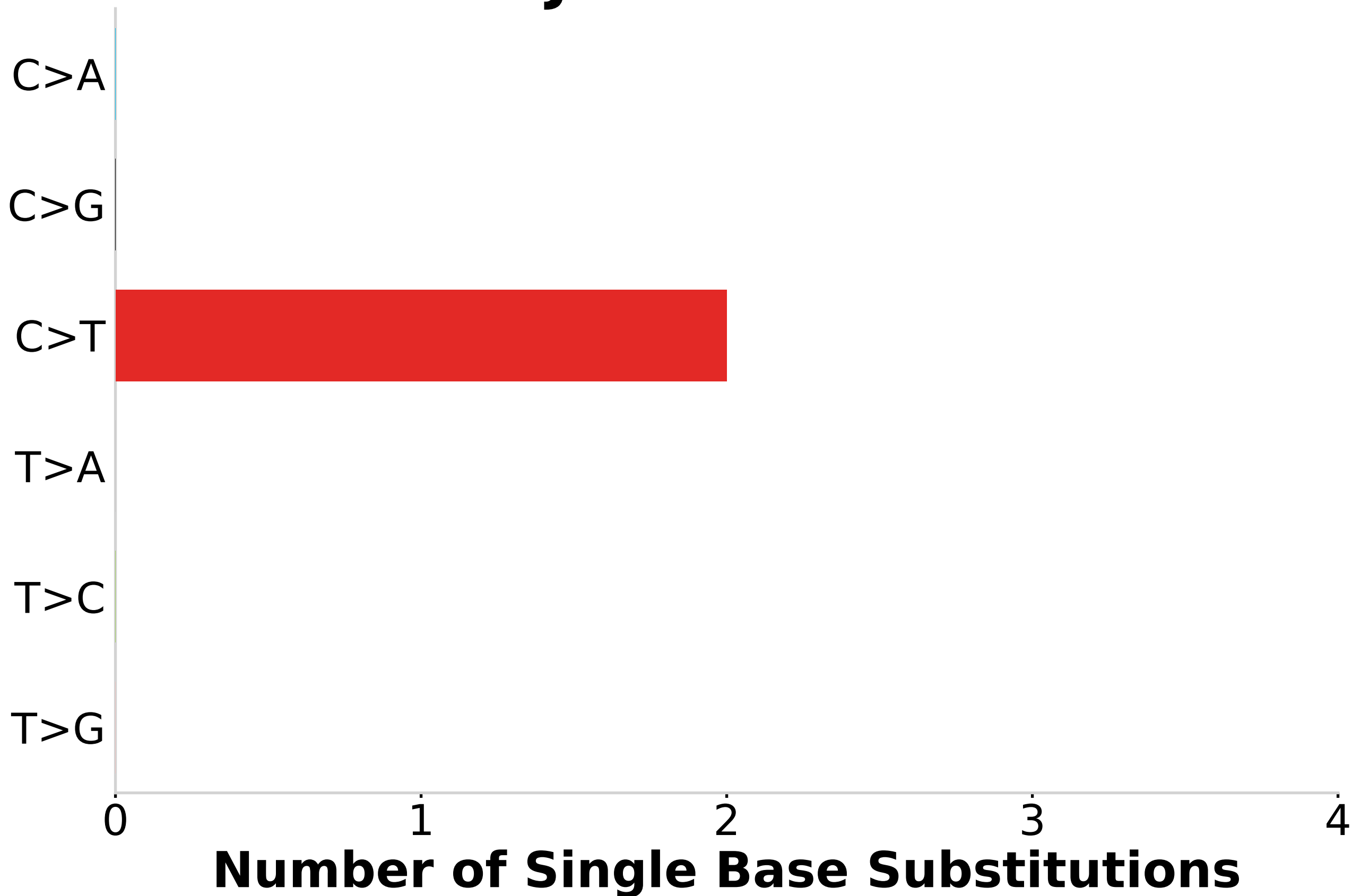
TCGA-OL-A5S0-01A-11D-A28B-09: 1 subs



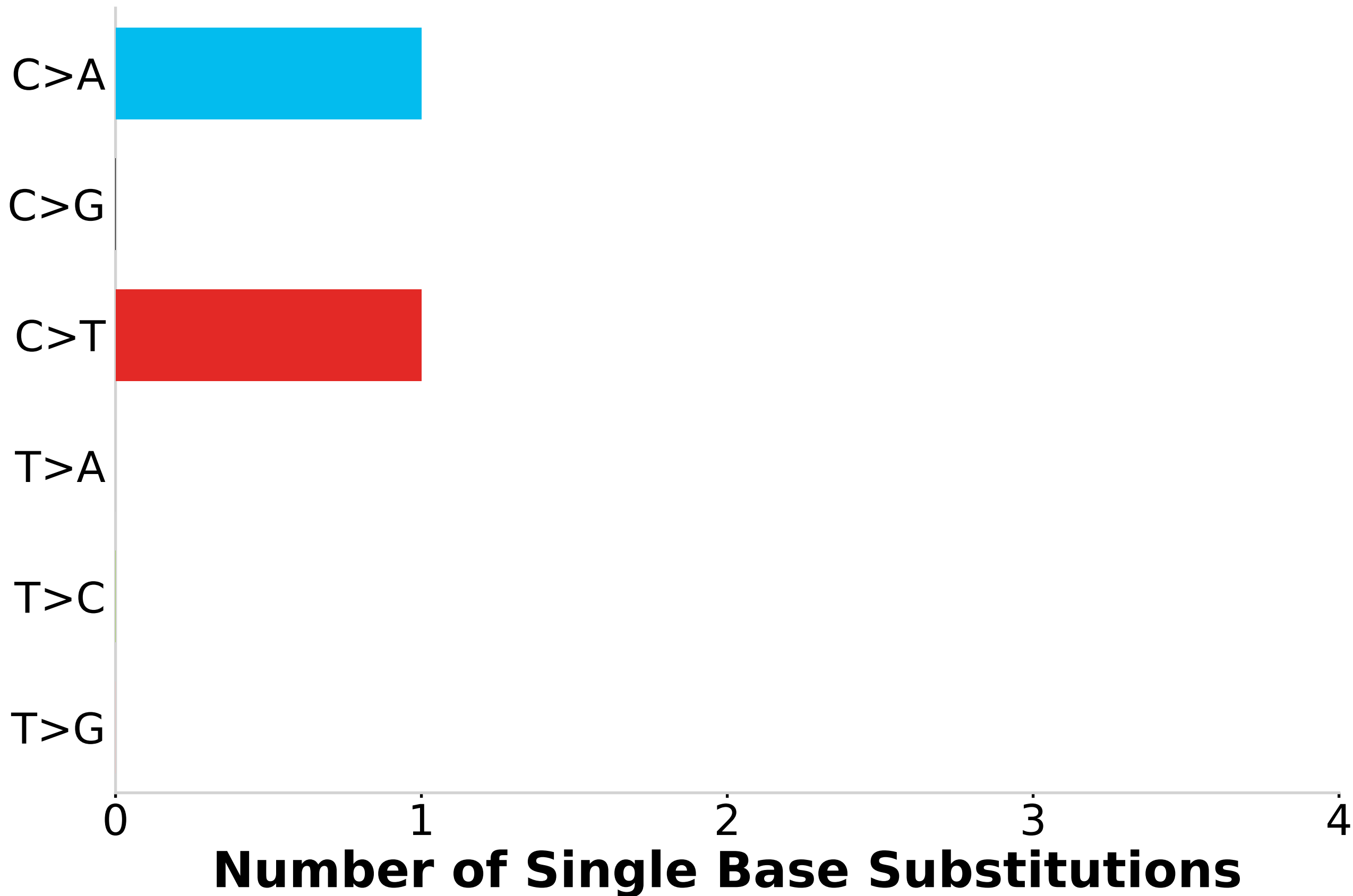
TCGA-OL-A66I-01A-21D-A29N-09: 1 subs



TCGA-OL-A66J-01A-11D-A29N-09: 2 subs



TCGA-OL-A66K-01A-11D-A29N-09: 2 subs



TCGA-OL-A66L-01A-12D-A31U-09: 2 subs

C>A

C>G

C>T

T>A

T>C

T>G

0

1

2

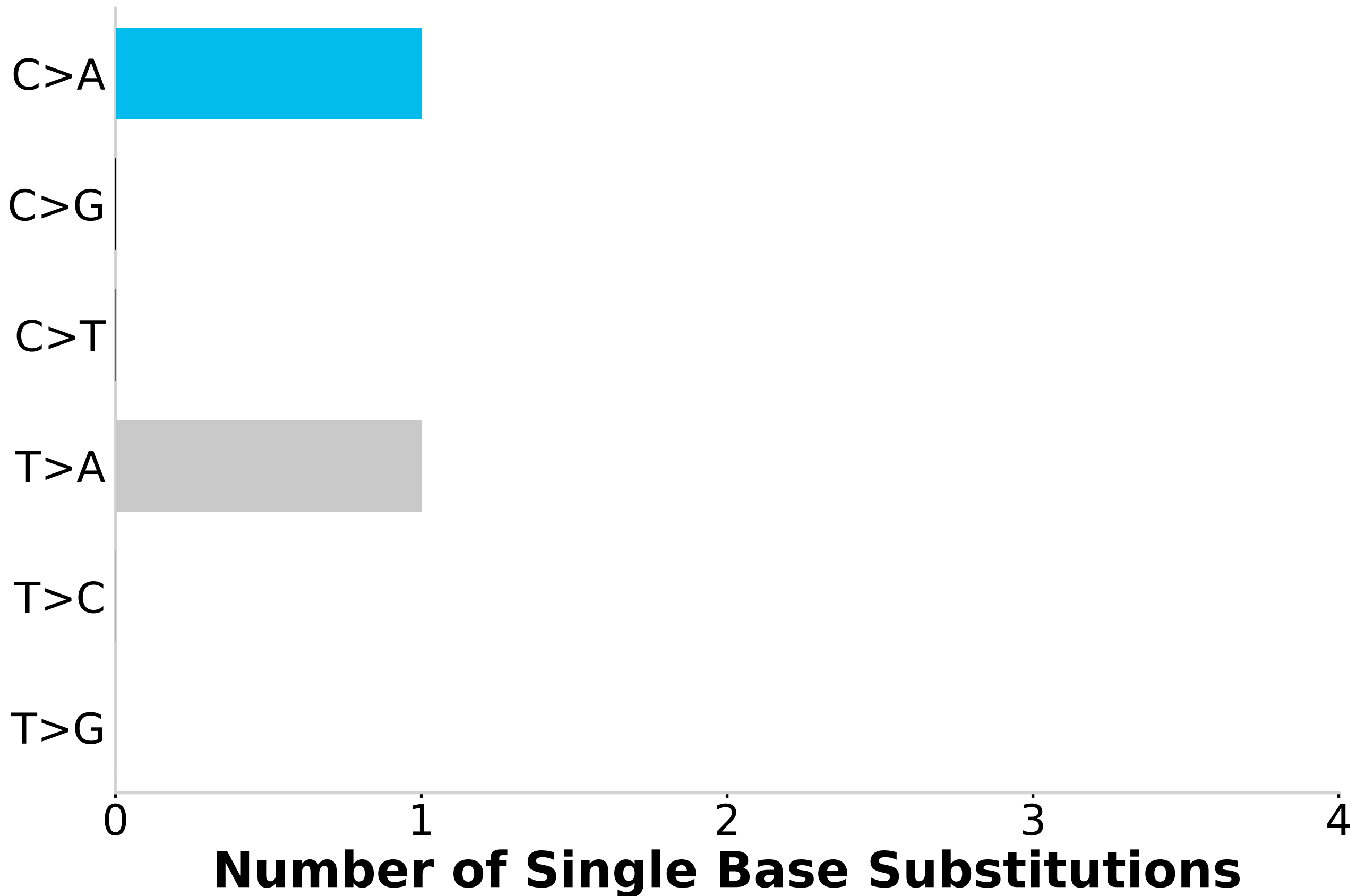
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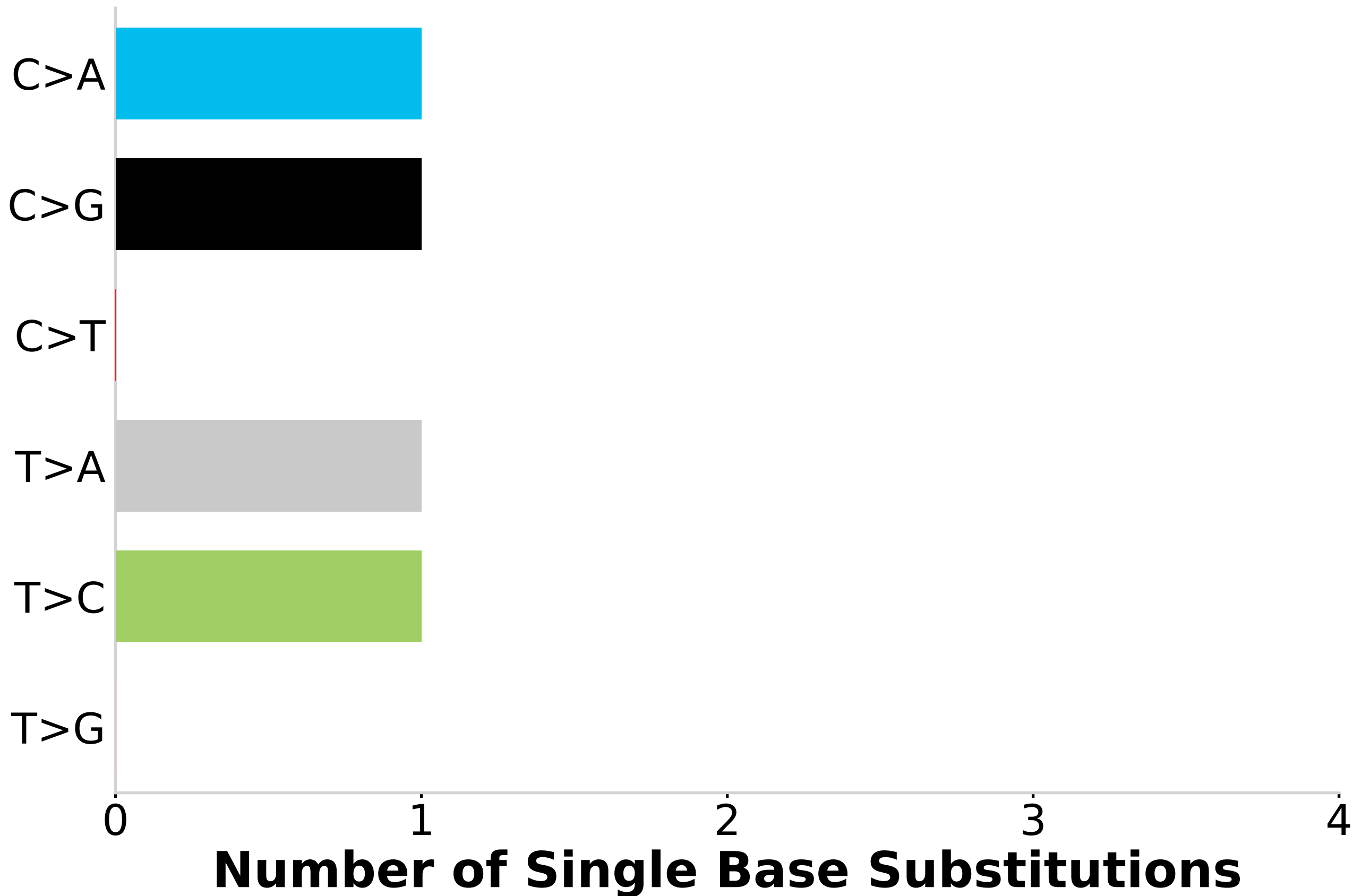
Number of Single Base Substitutions



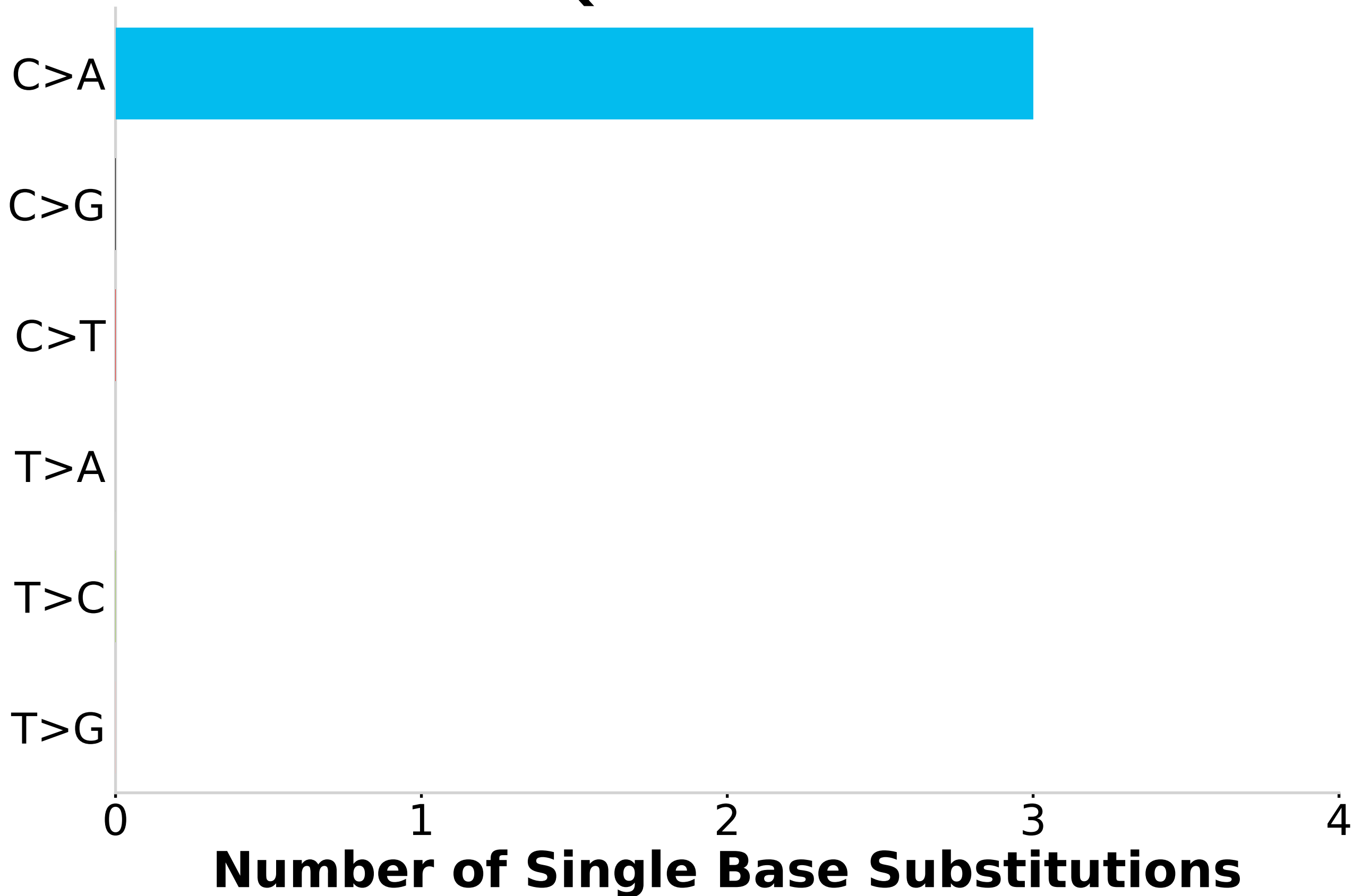
TCGA-OL-A66N-01A-12D-A31U-09: 2 subs



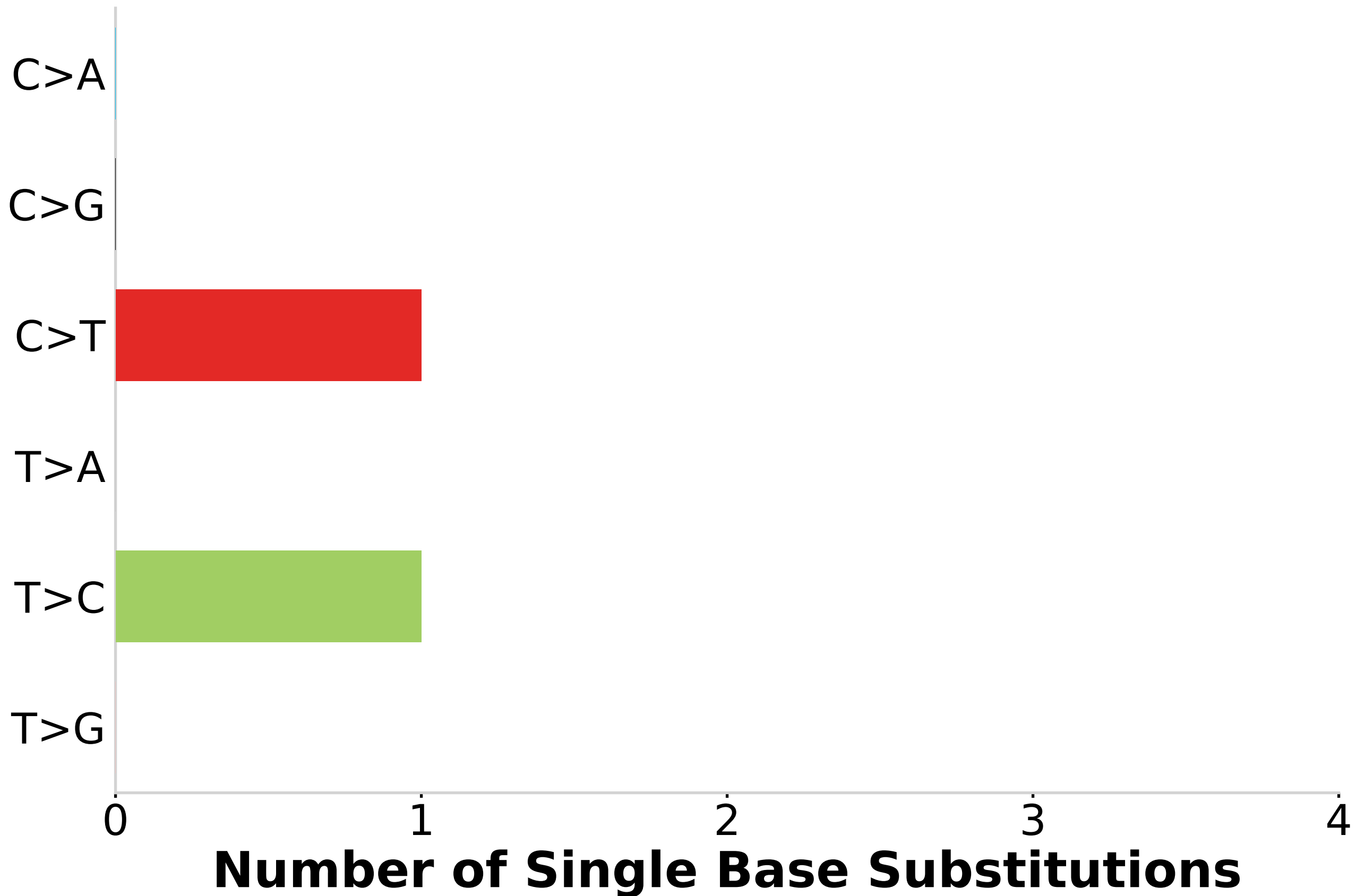
TCGA-OL-A66P-01A-11D-A31U-09: 4 subs



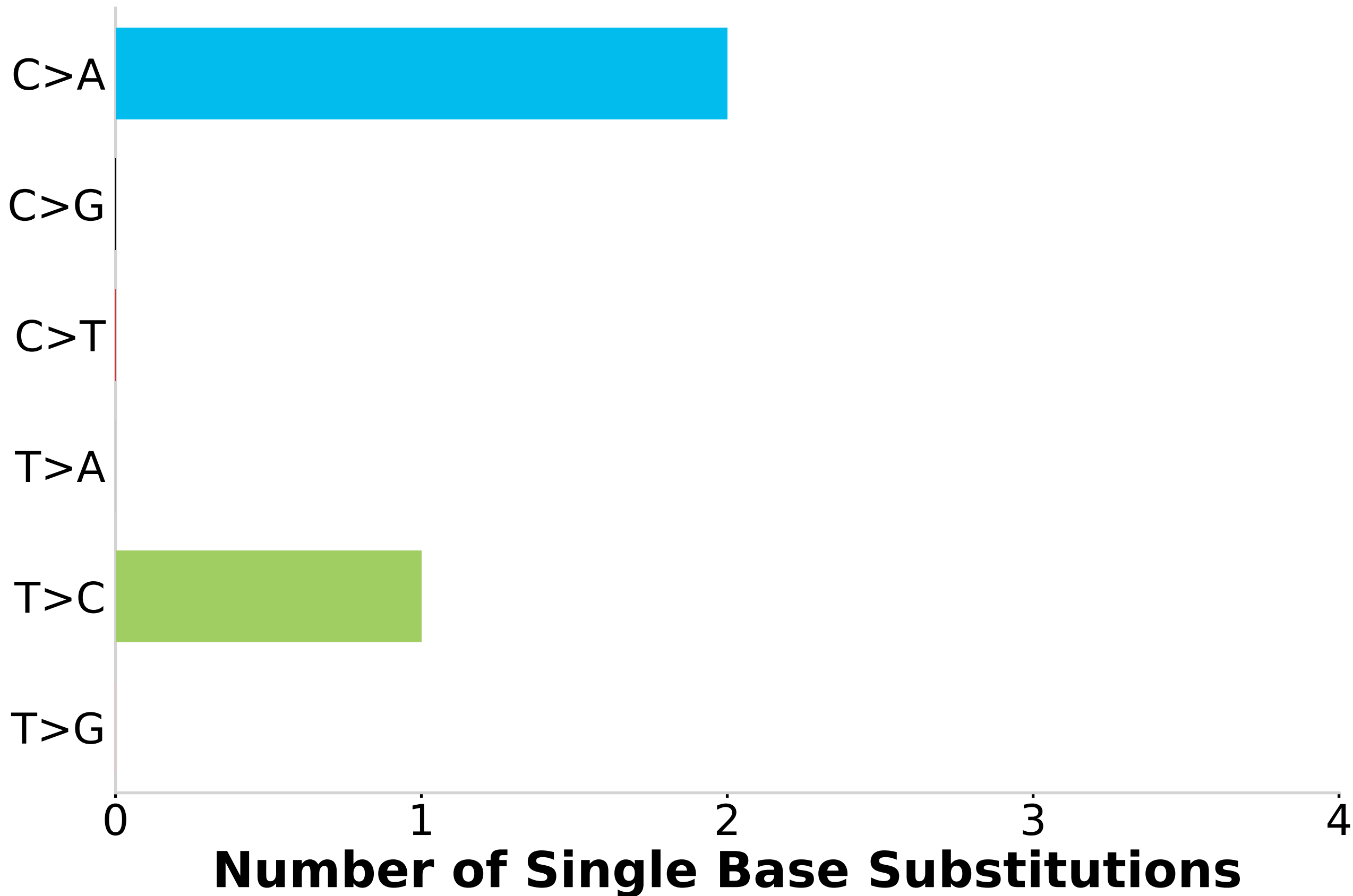
TCGA-OL-A6VQ-01A-12D-A41F-09: 3 subs



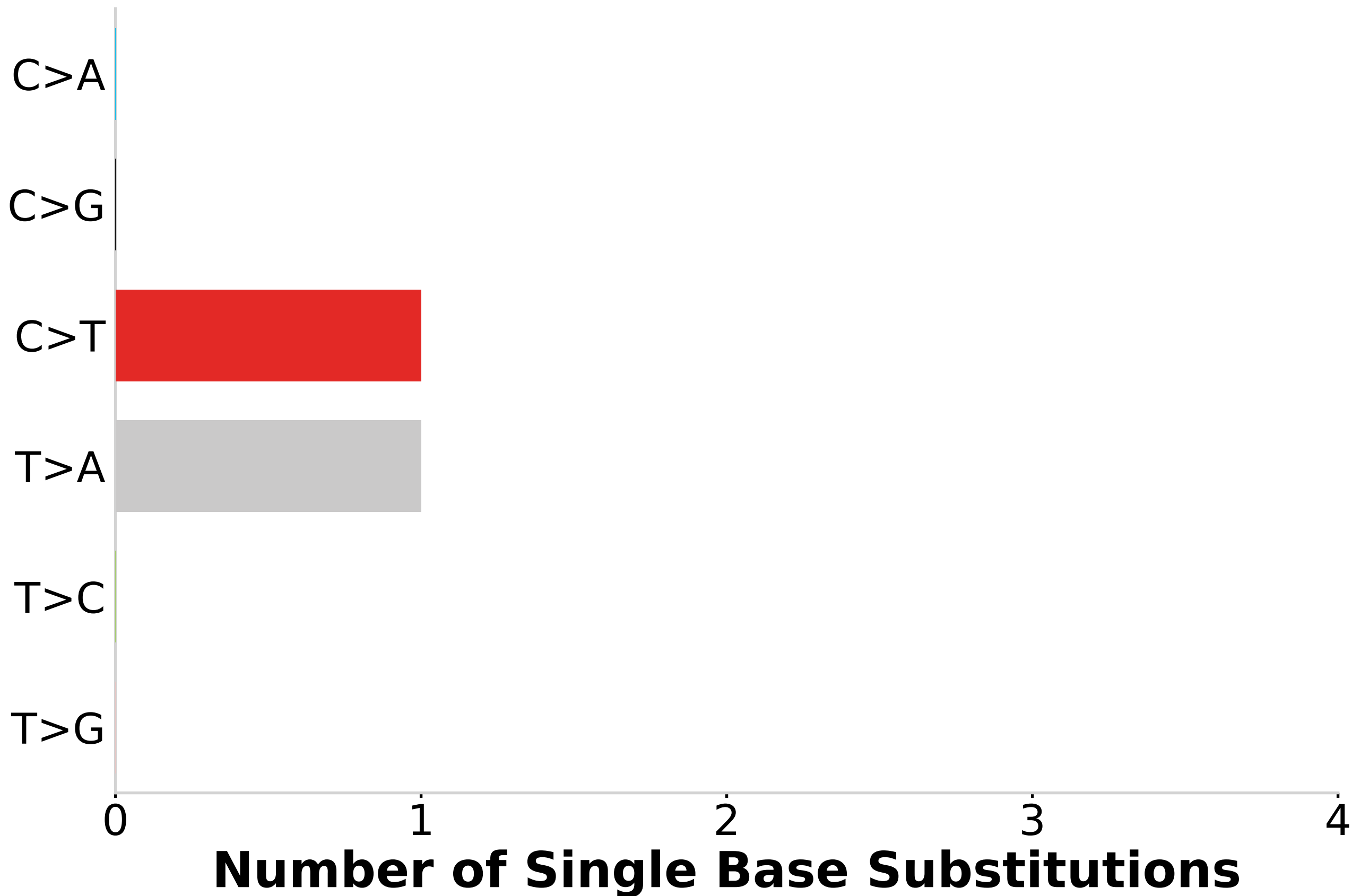
TCGA-OL-A97C-01A-32D-A41F-09: 2 subs



TCGA-PE-A5DC-01A-12D-A27P-09: 3 subs



TCGA-PE-A5DD-01A-12D-A27P-09: 2 subs



TCGA-PE-A5DE-01A-11D-A27P-09: 27 subs

C>A

C>G

C>T

T>A

T>C

T>G

0

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10

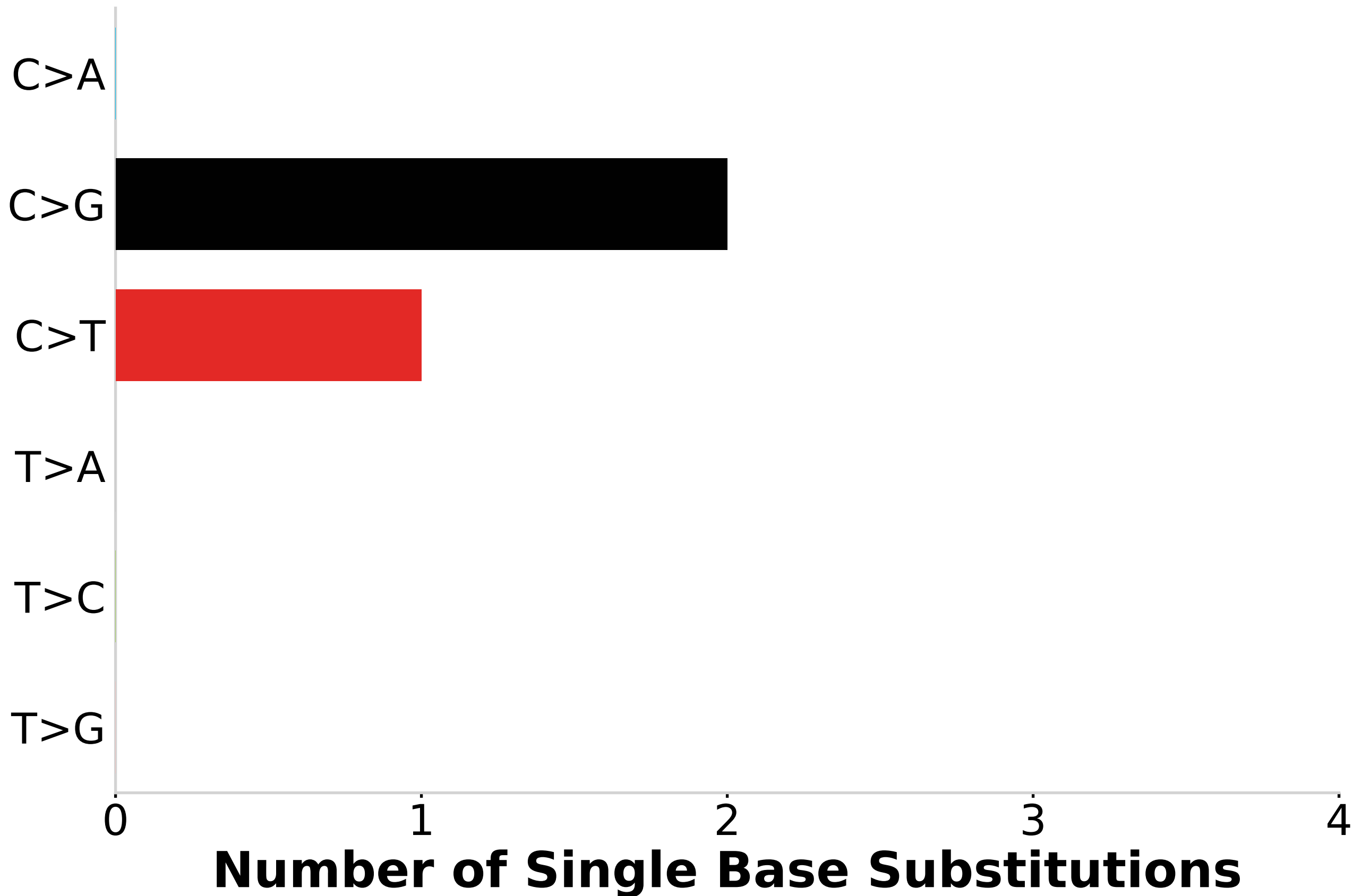
15

20

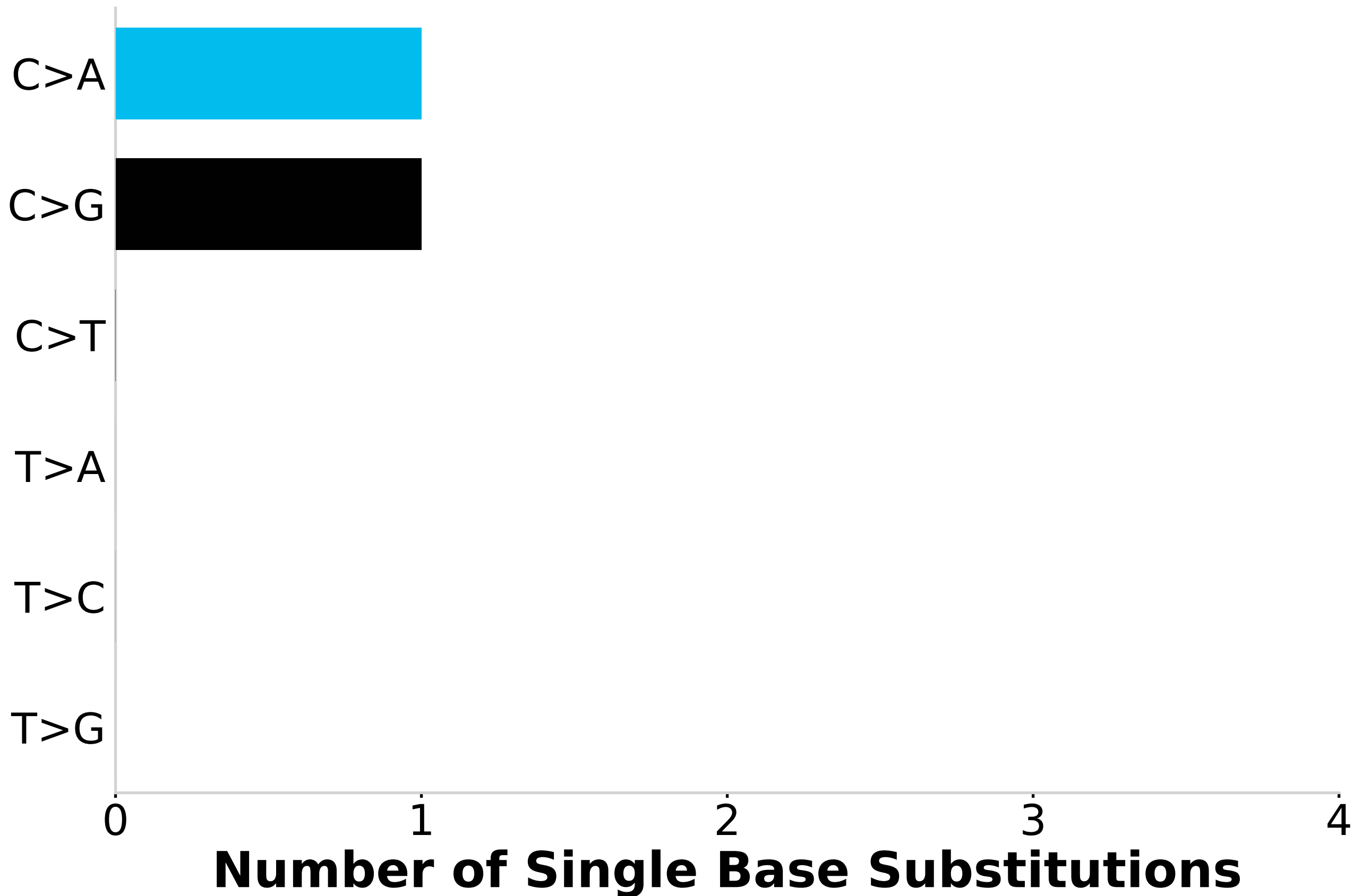
Number of Single Base Substitutions



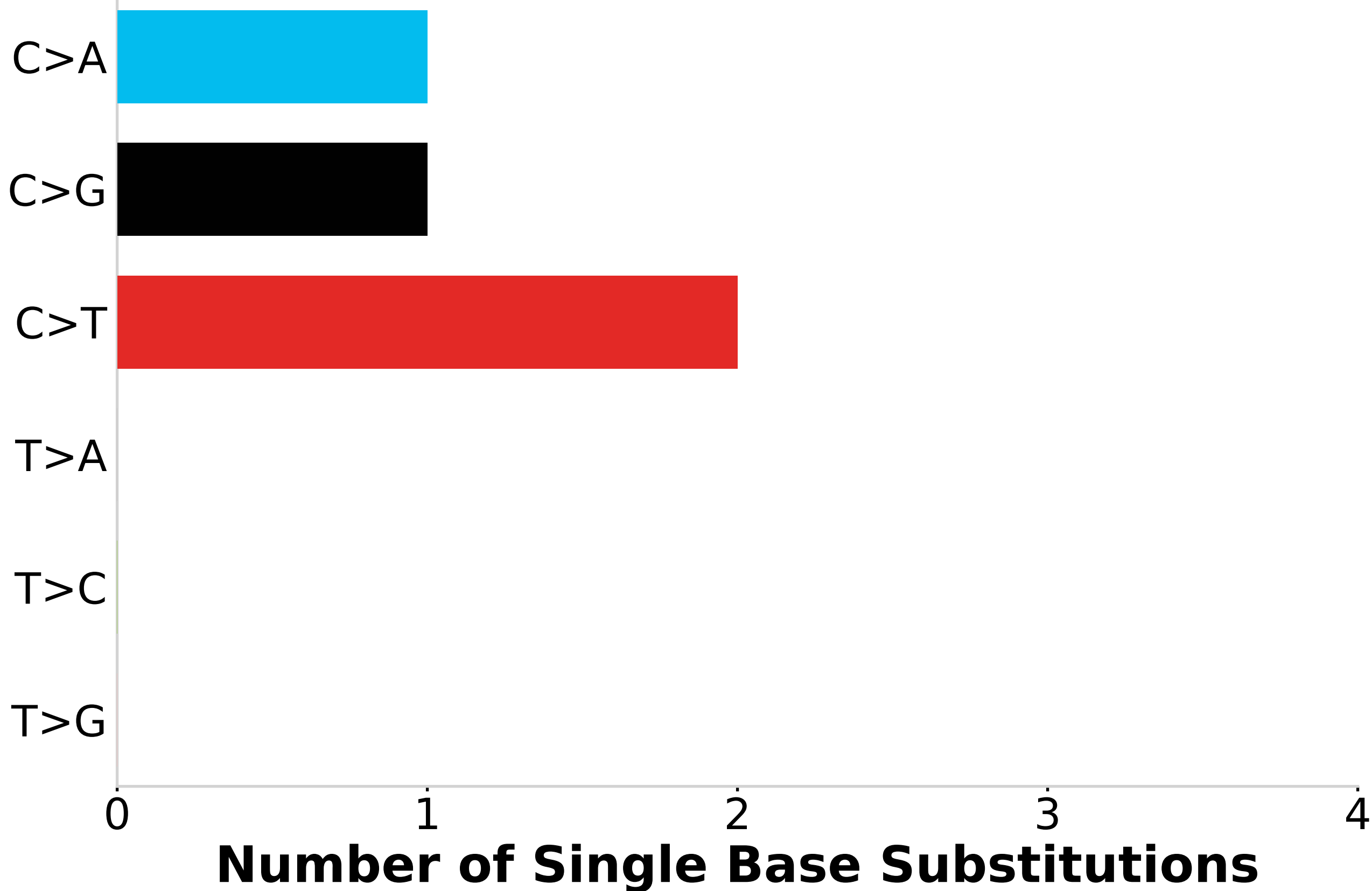
TCGA-PL-A8LV-01A-21D-A41F-09: 3 subs



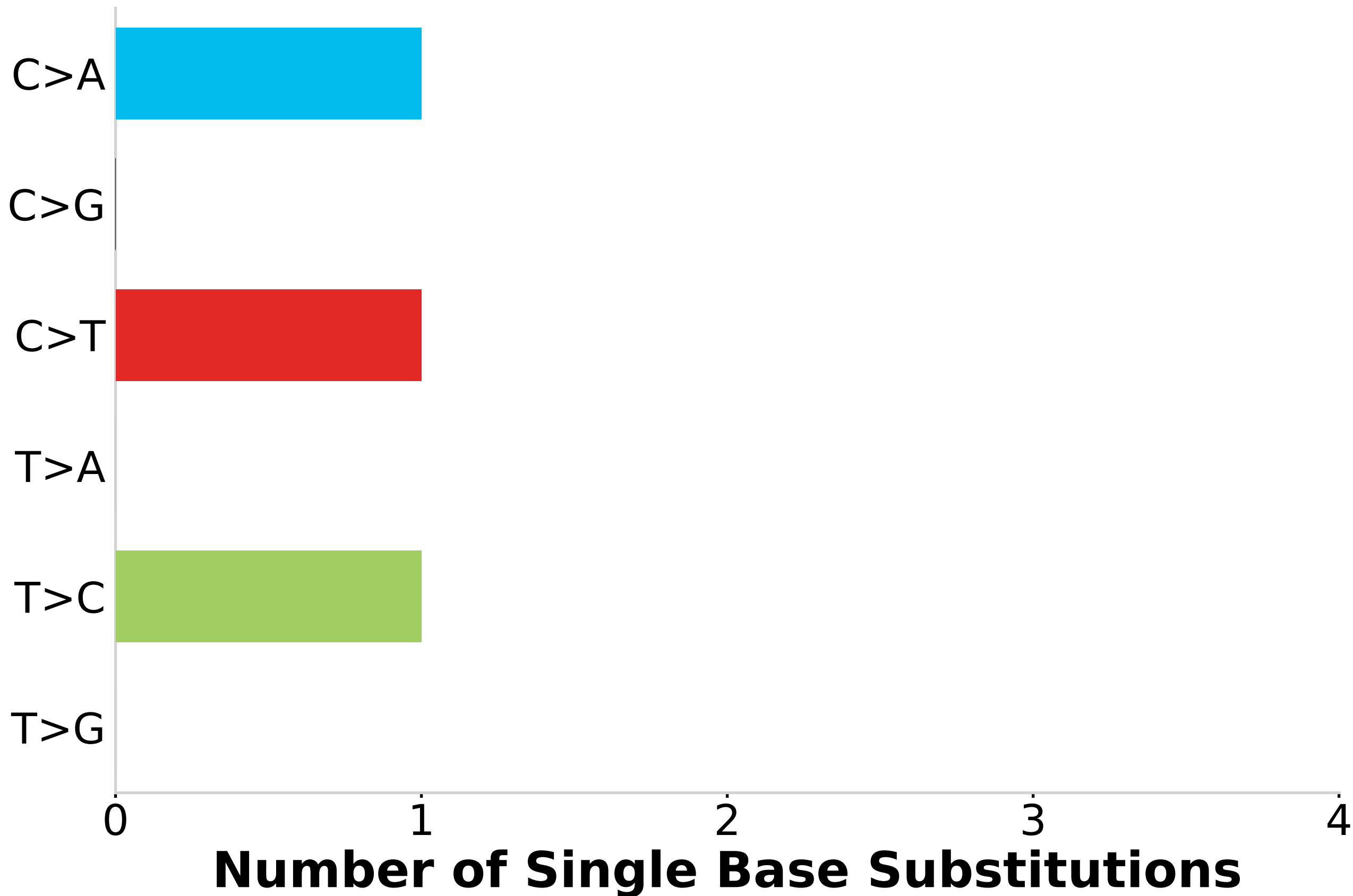
TCGA-PL-A8LX-01A-11D-A41F-09: 2 subs



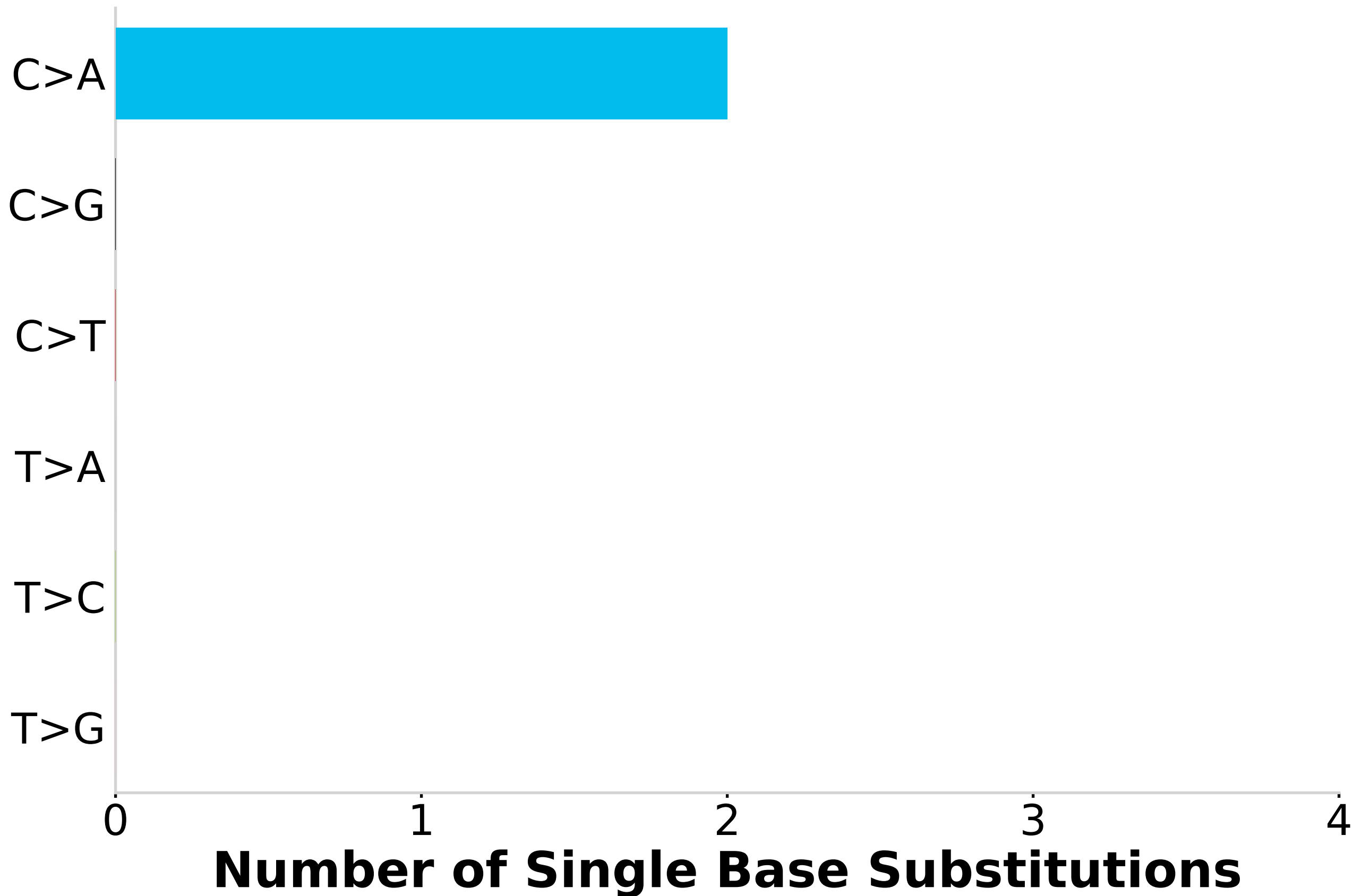
TCGA-PL-A8LZ-01A-31D-A36J-09: 4 subs



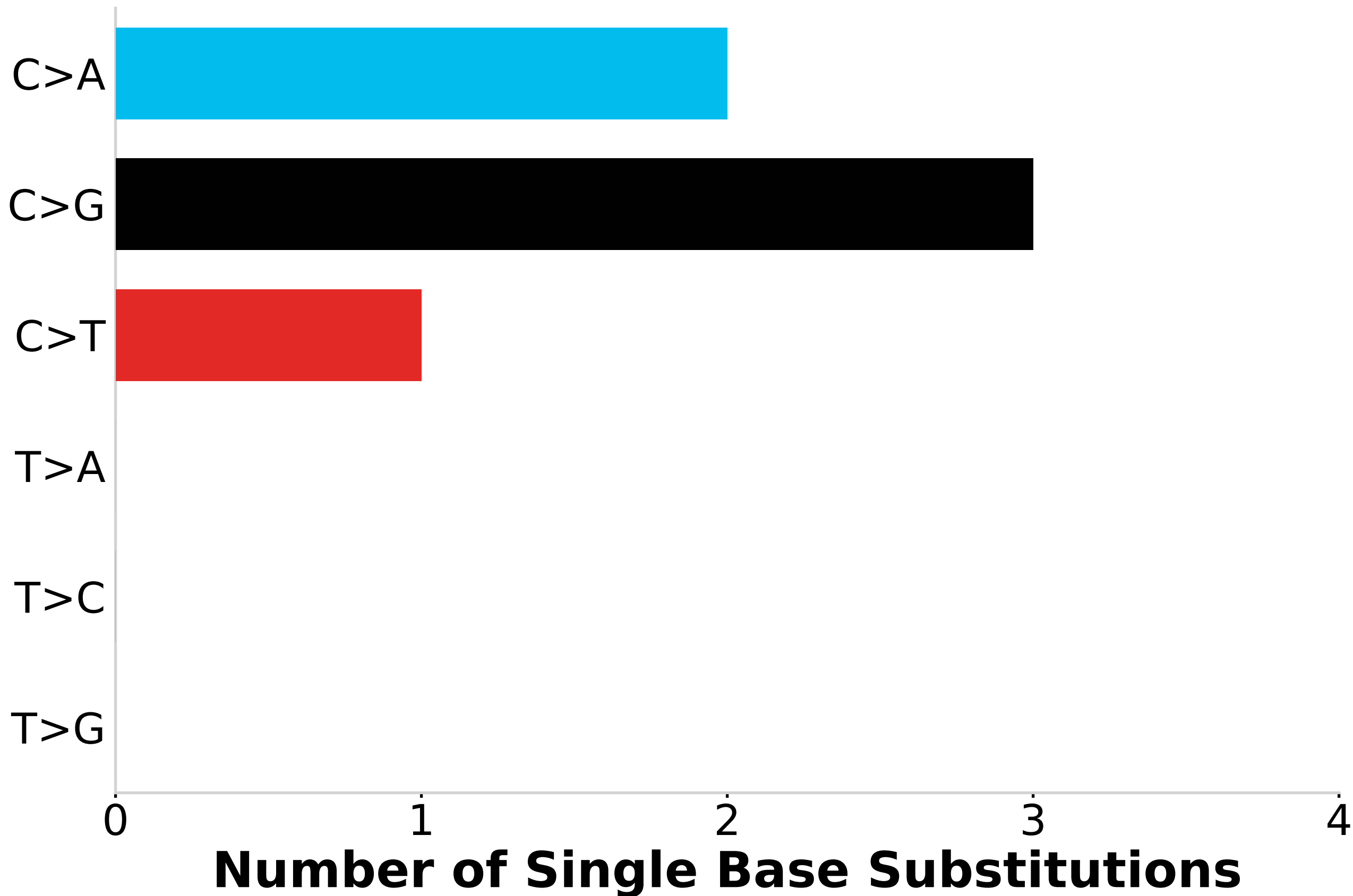
TCGA-S3-A6ZG-01A-22D-A32I-09: 3 subs



TCGA-S3-AA0Z-01A-11D-A41F-09: 2 subs



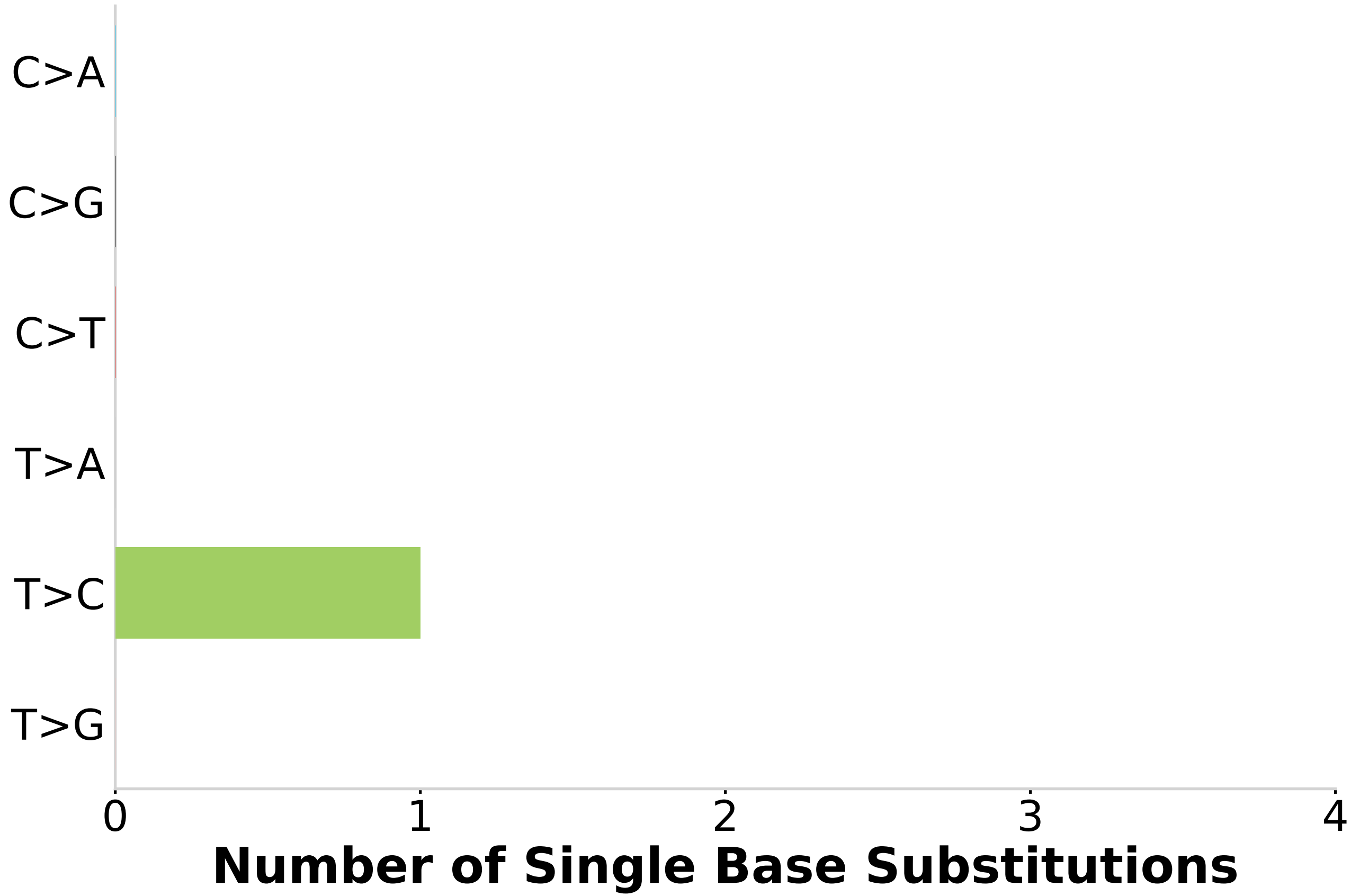
TCGA-S3-AA10-01A-21D-A41F-09: 6 subs



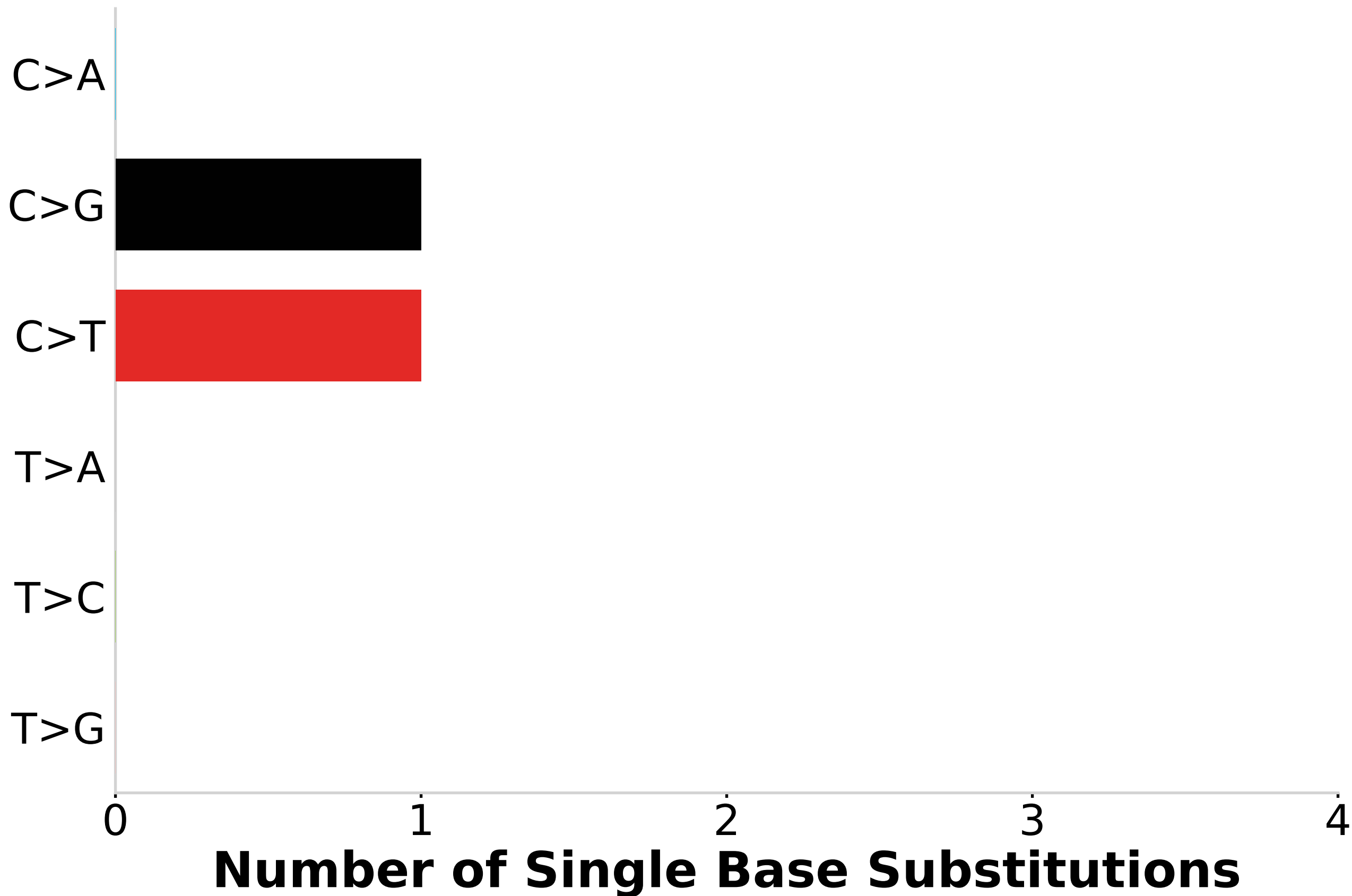
TCGA-S3-AA11-01A-31D-A41F-09: 1 subs



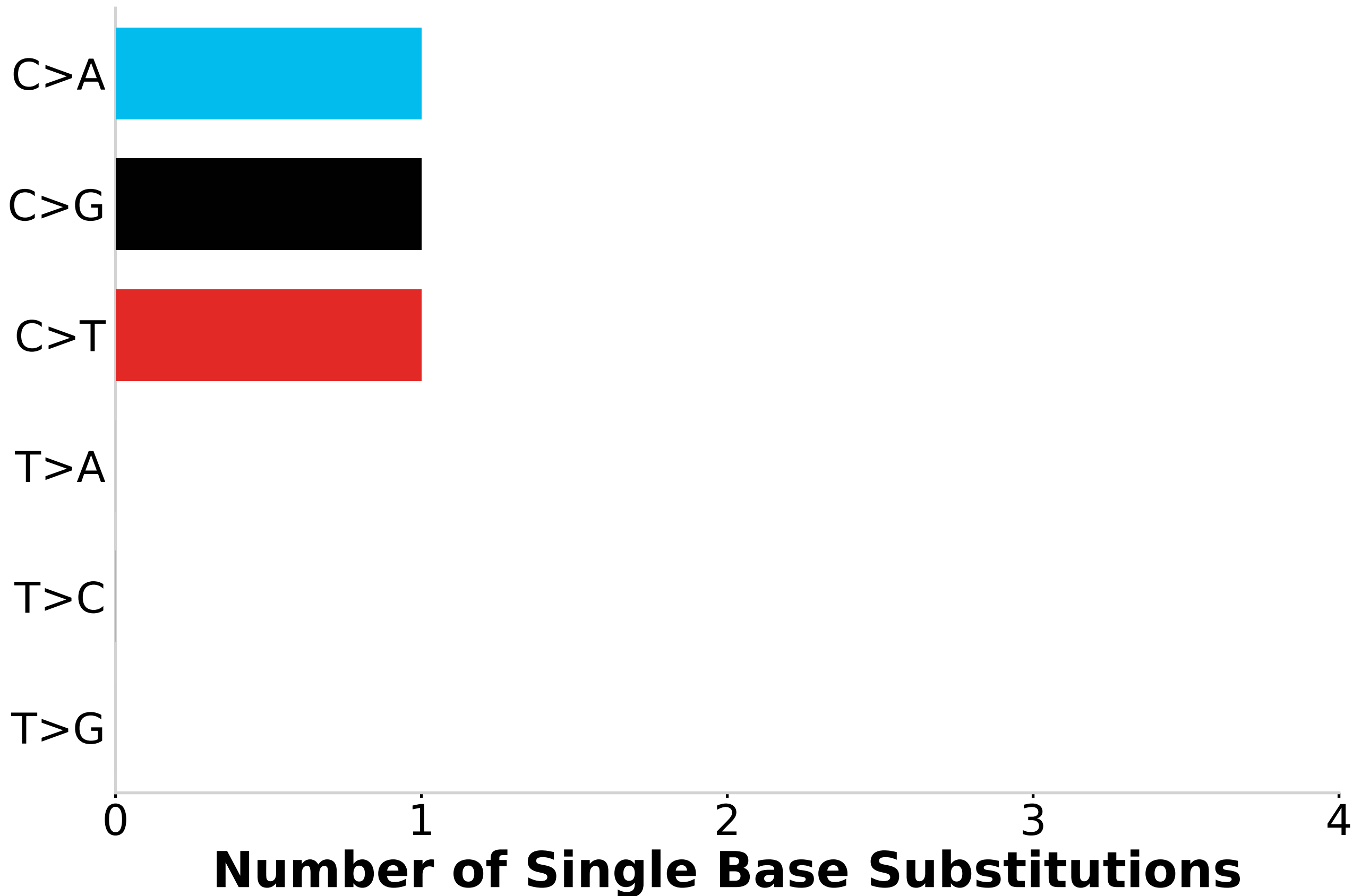
TCGA-S3-AA12-01A-11D-A41F-09: 1 subs



TCGA-S3-AA15-01A-11D-A41F-09: 2 subs



TCGA-S3-AA17-01A-11D-A41F-09: 3 subs



TCGA-UL-AAZ6-01A-11D-A41F-09: 3 subs

C>A

C>G

C>T

T>A

T>C

T>G

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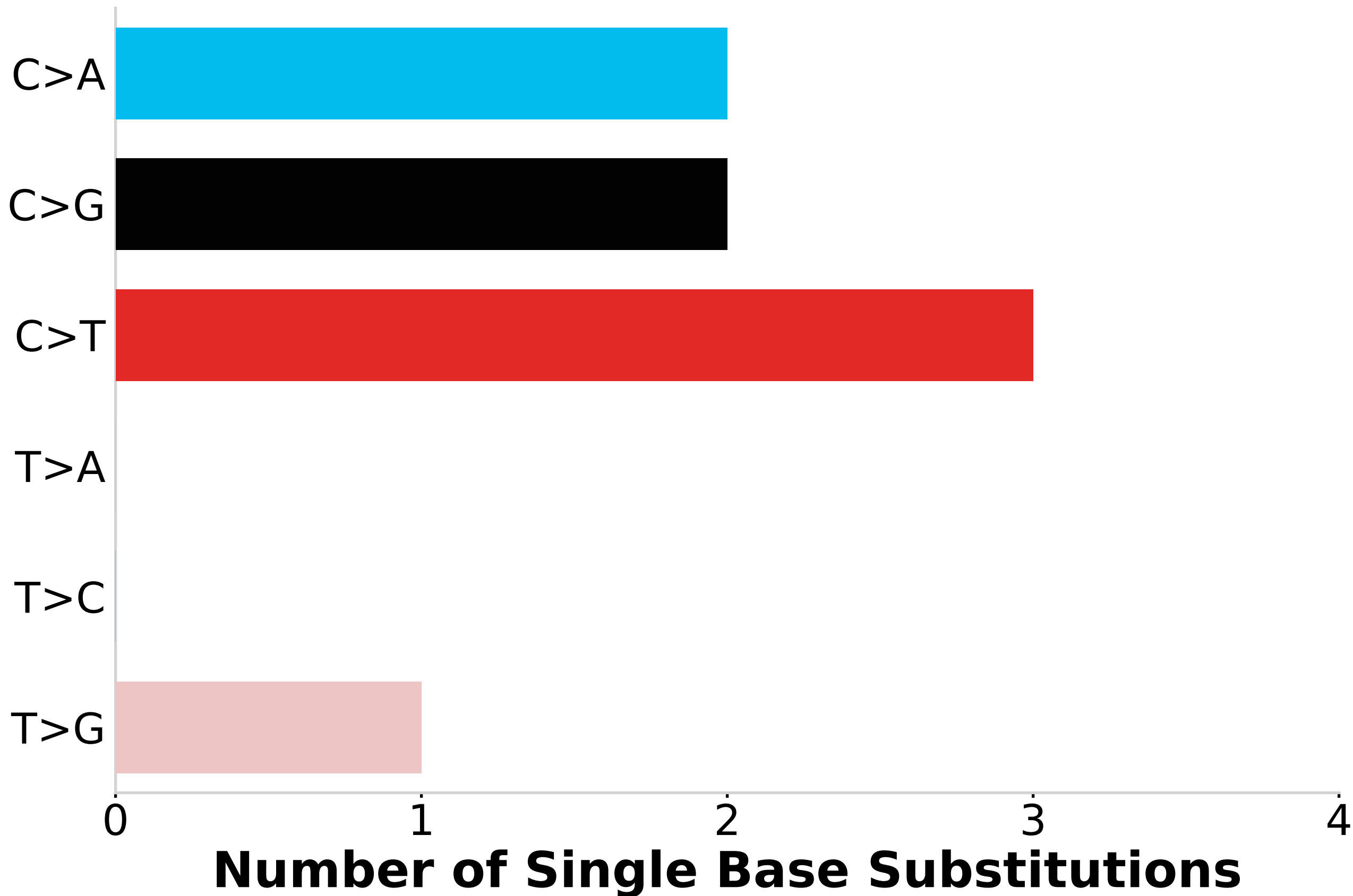
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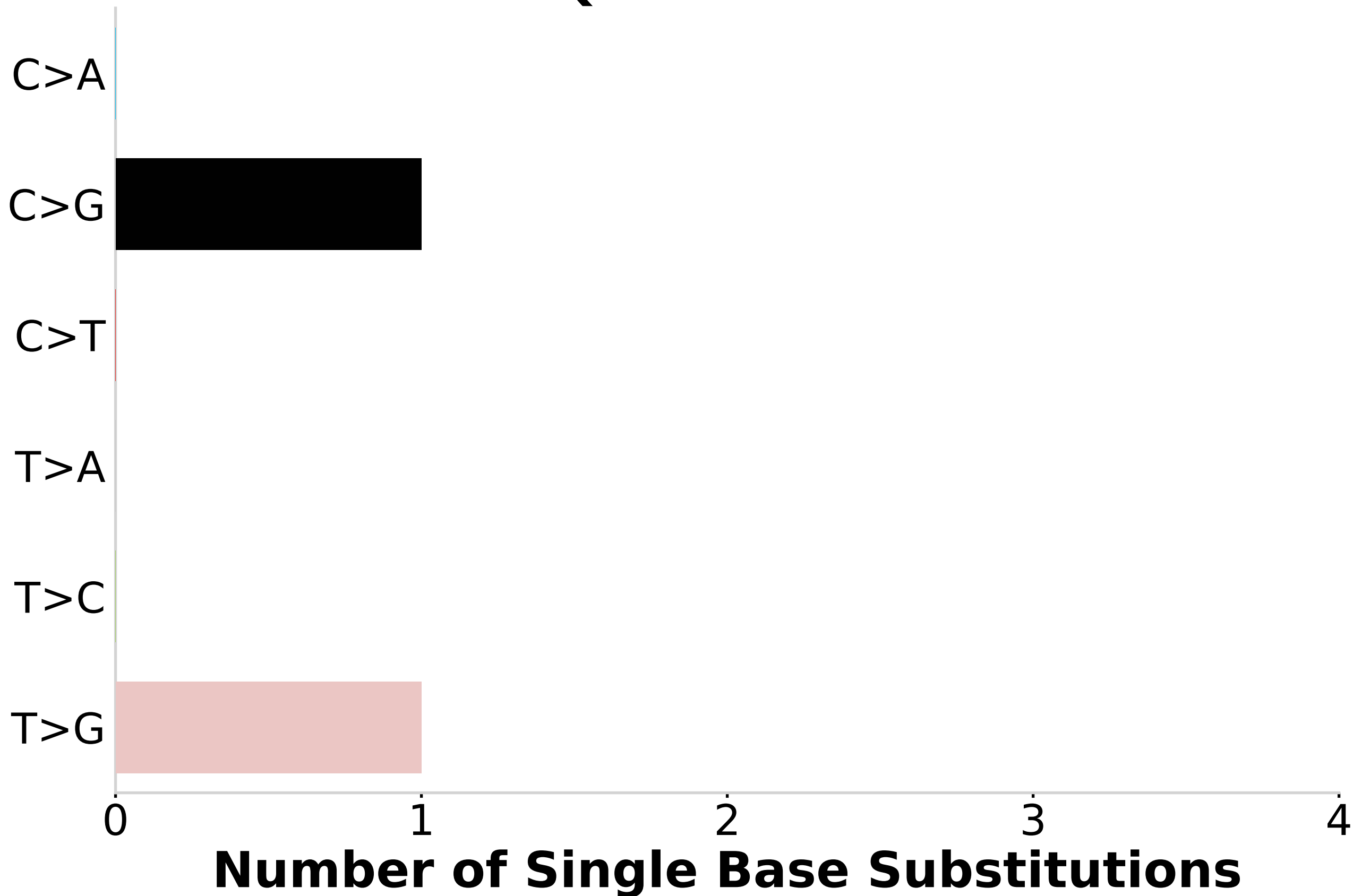
Number of Single Base Substitutions



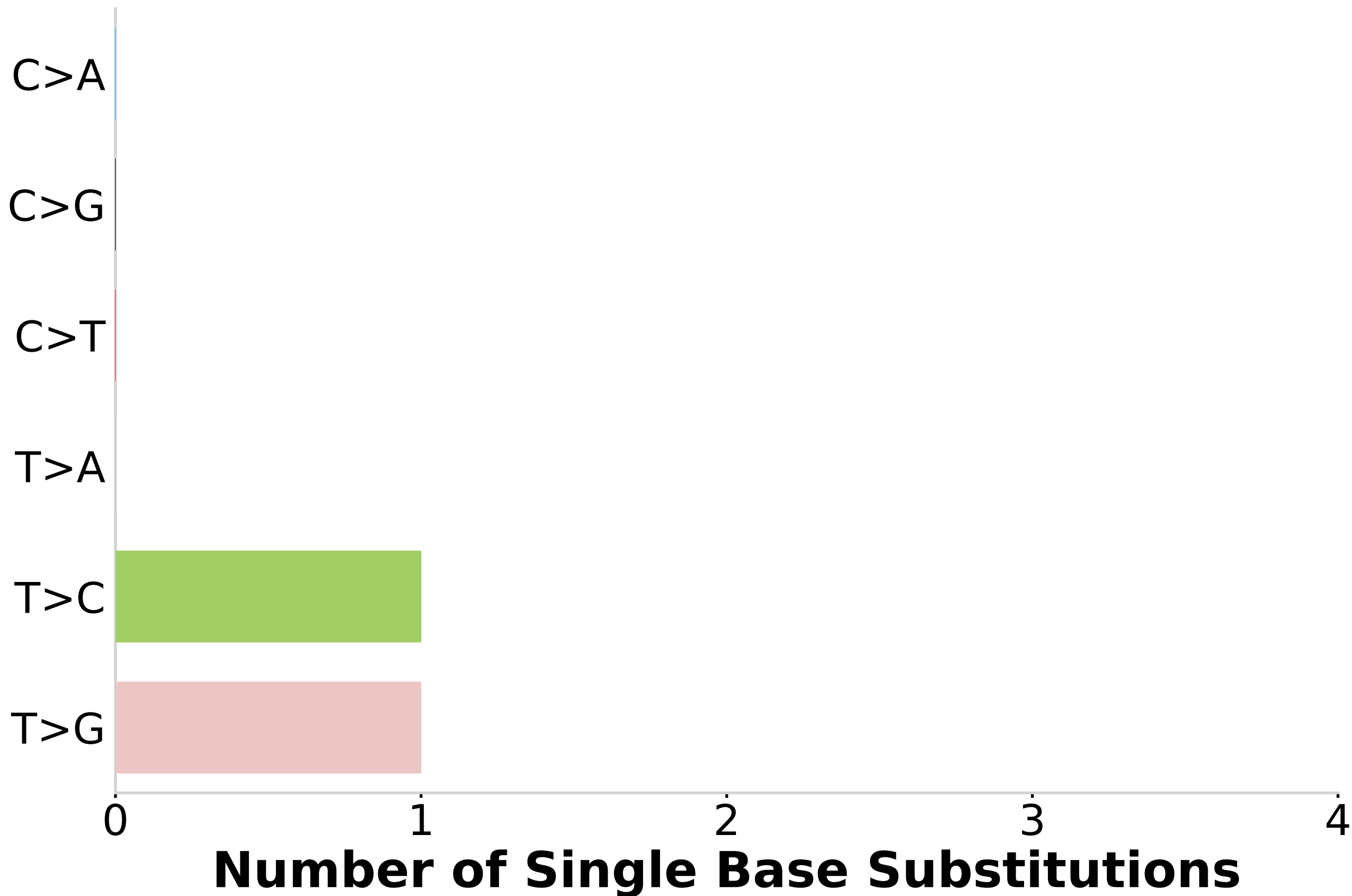
TCGA-UU-A93S-01A-21D-A41F-09: 8 subs



TCGA-V7-A7HQ-01A-11D-A33E-09: 2 subs



TCGA-WT-AB41-01A-11D-A41F-09: 2 subs



TCGA-WT-AB44-01A-11D-A41F-09: 1 subs



TCGA-XX-A89A-01A-11D-A36J-09: 9 subs

C>A

C>G

C>T

T>A

T>C

T>G

0

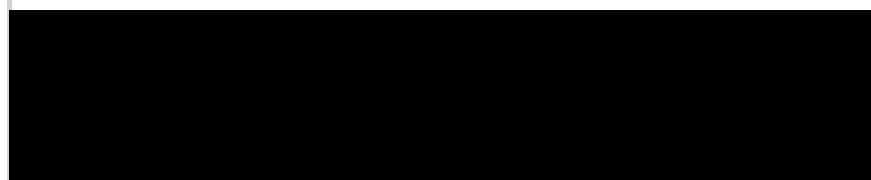
2

4

6

8

Number of Single Base Substitutions



TCGA-Z7-A8R6-01A-11D-A41F-09: 4 subs

C>A

C>G

C>T

T>A

T>C

T>G

0

1

2

3

4

Number of Single Base Substitutions

