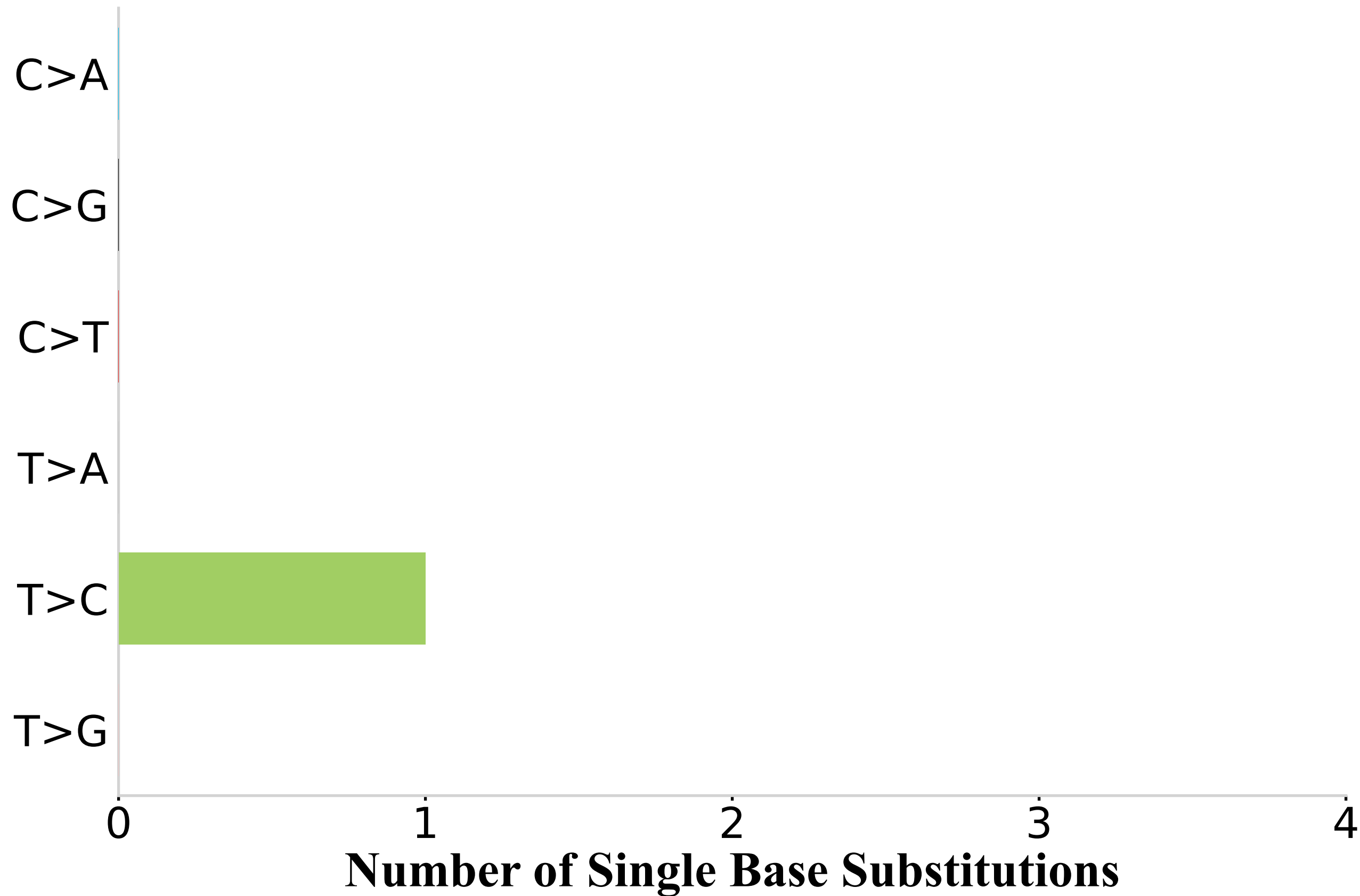


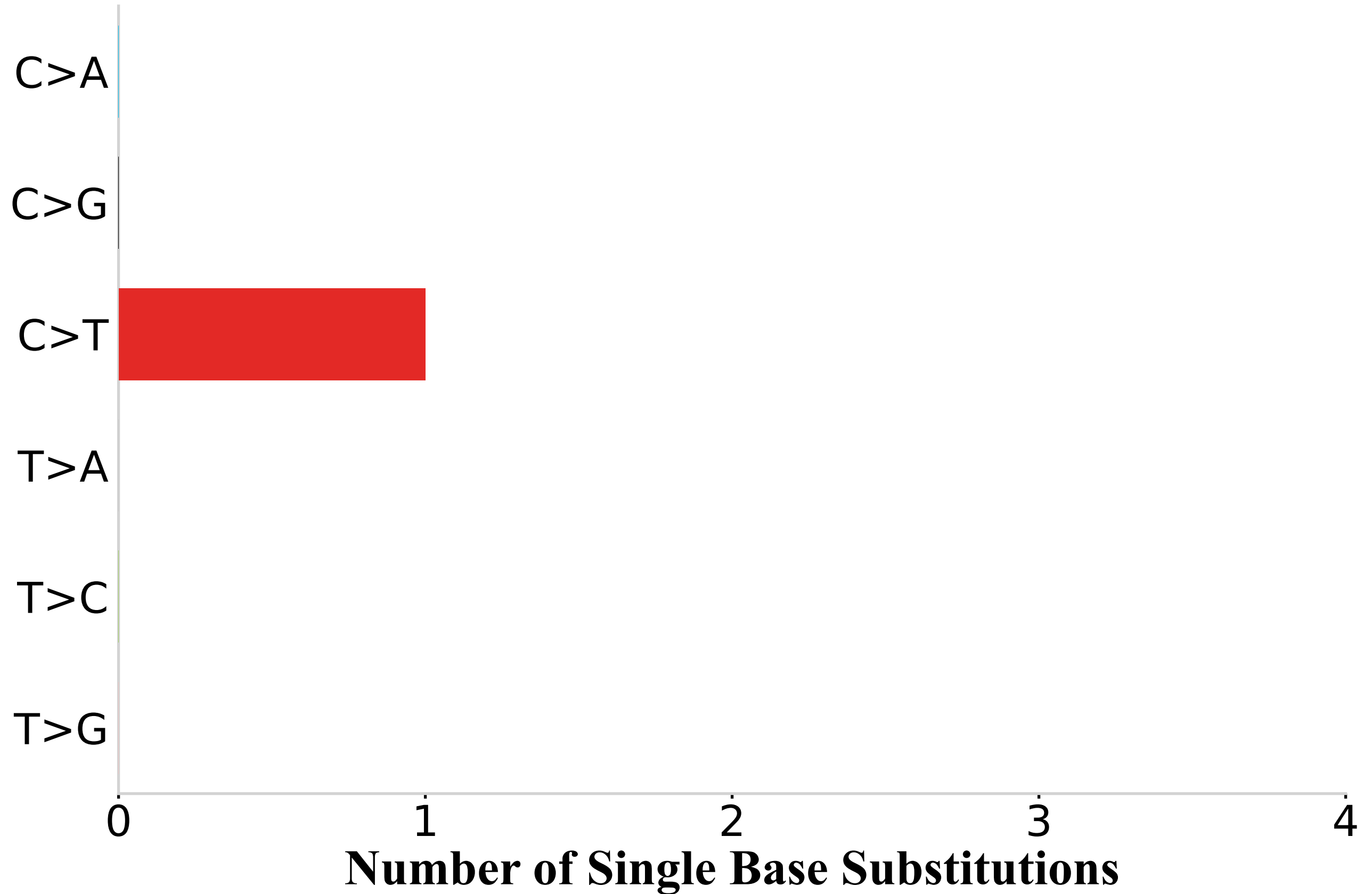
P-0000134-T01-IM3: 3 subs



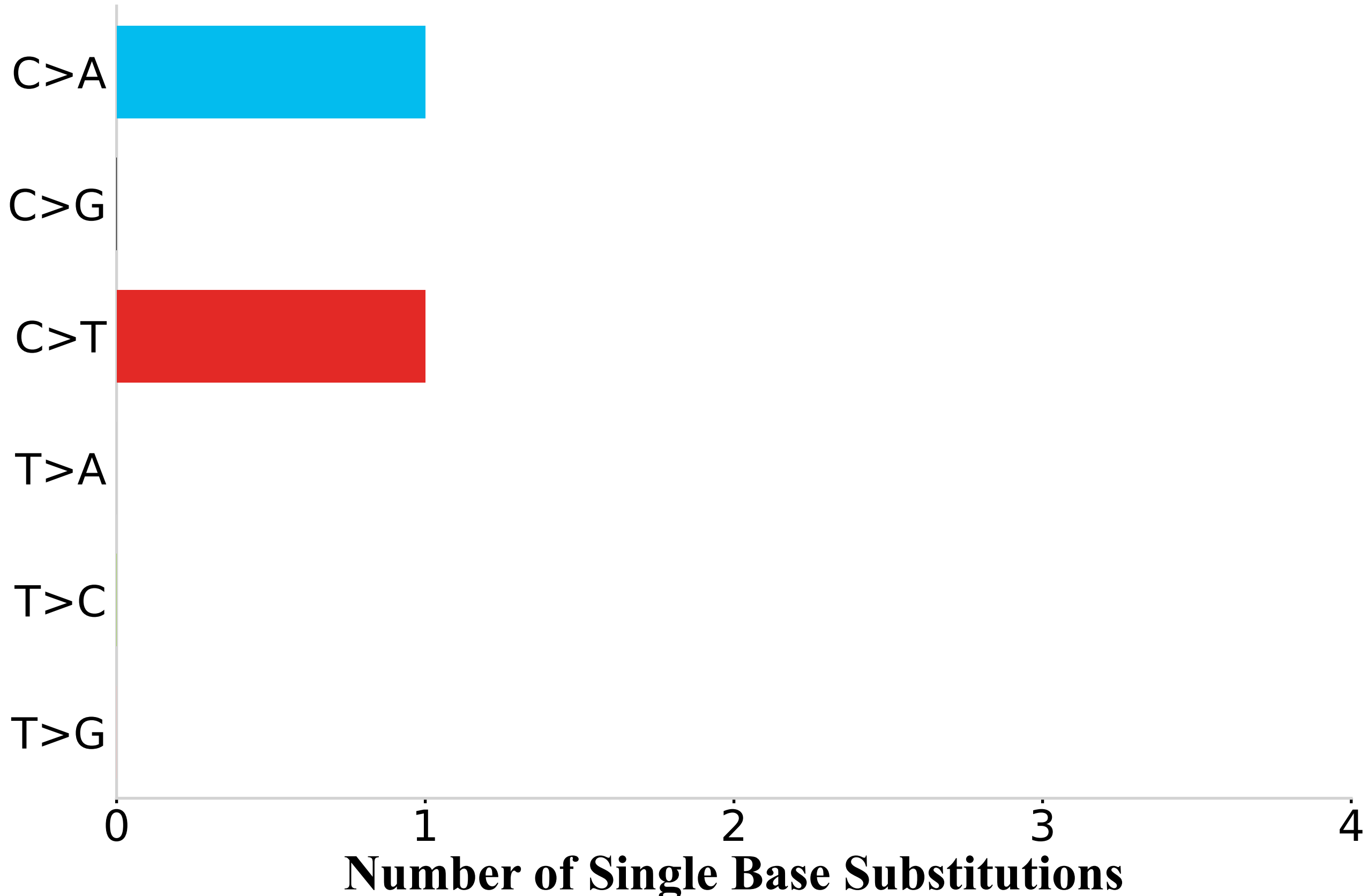
P-0000306-T01-IM3: 1 subs



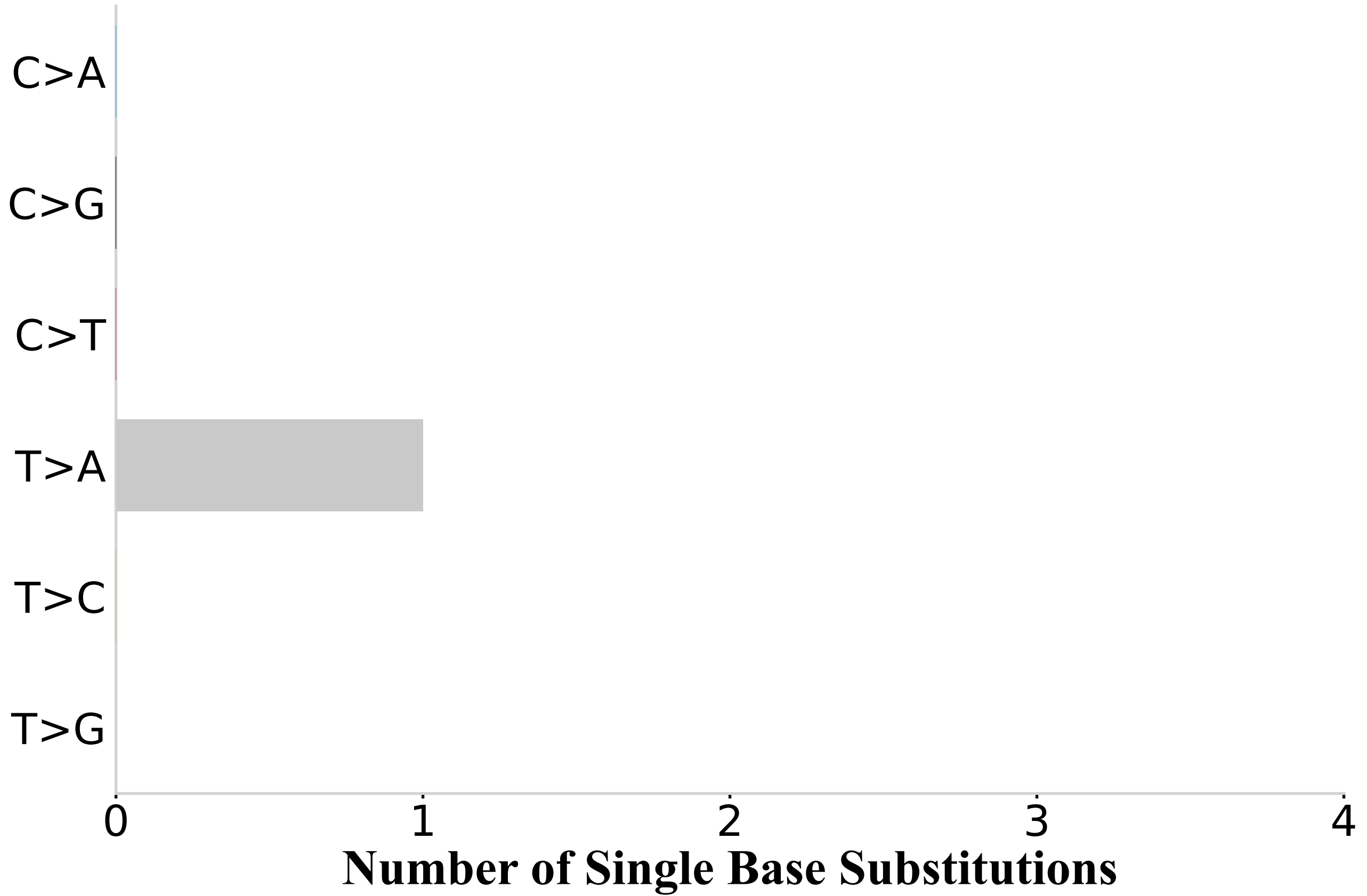
P-0000309-T03-IM5: 1 subs



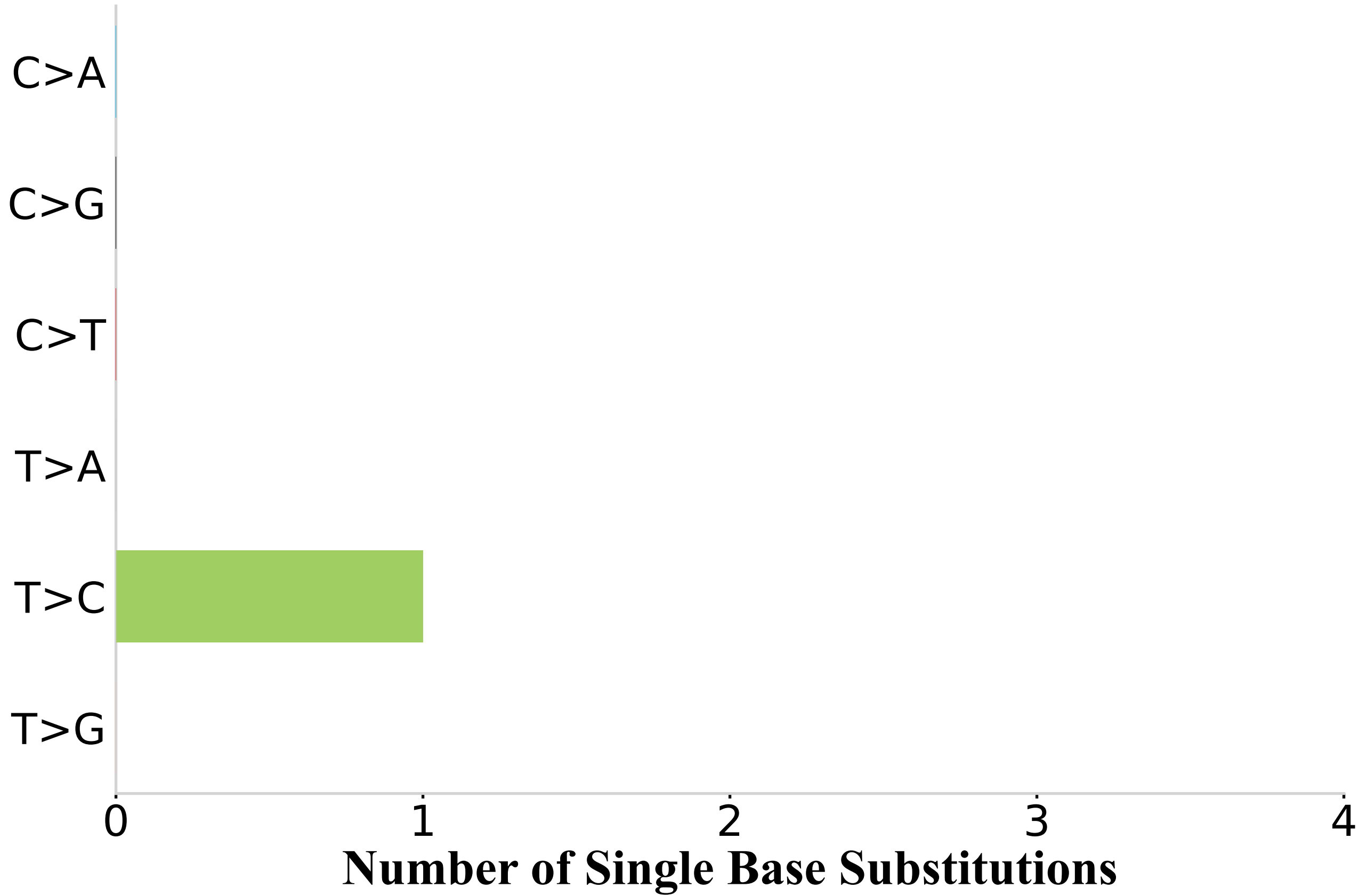
P-0000501-T02-IM3: 2 subs



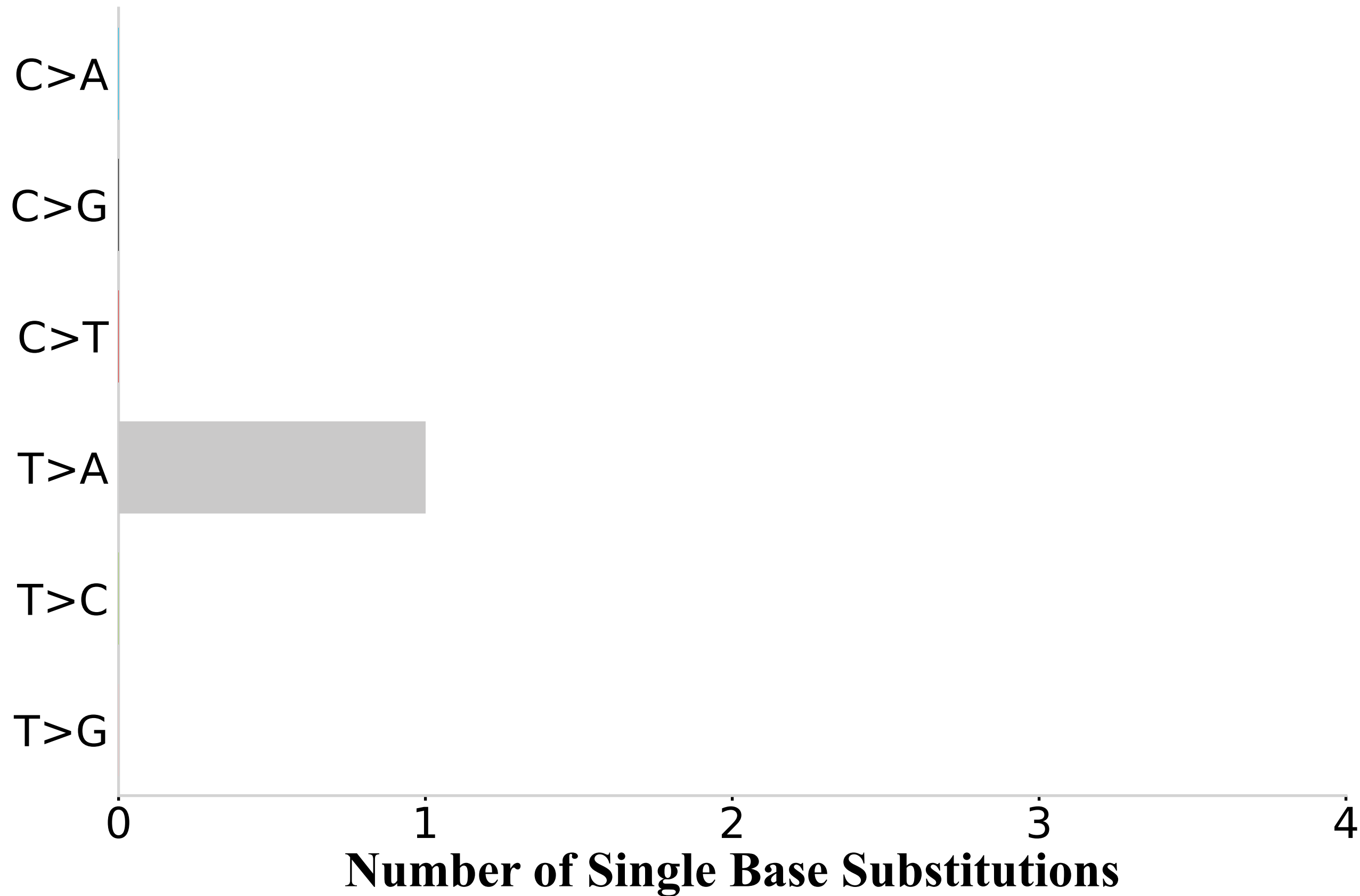
P-0001157-T02-IM5: 1 subs



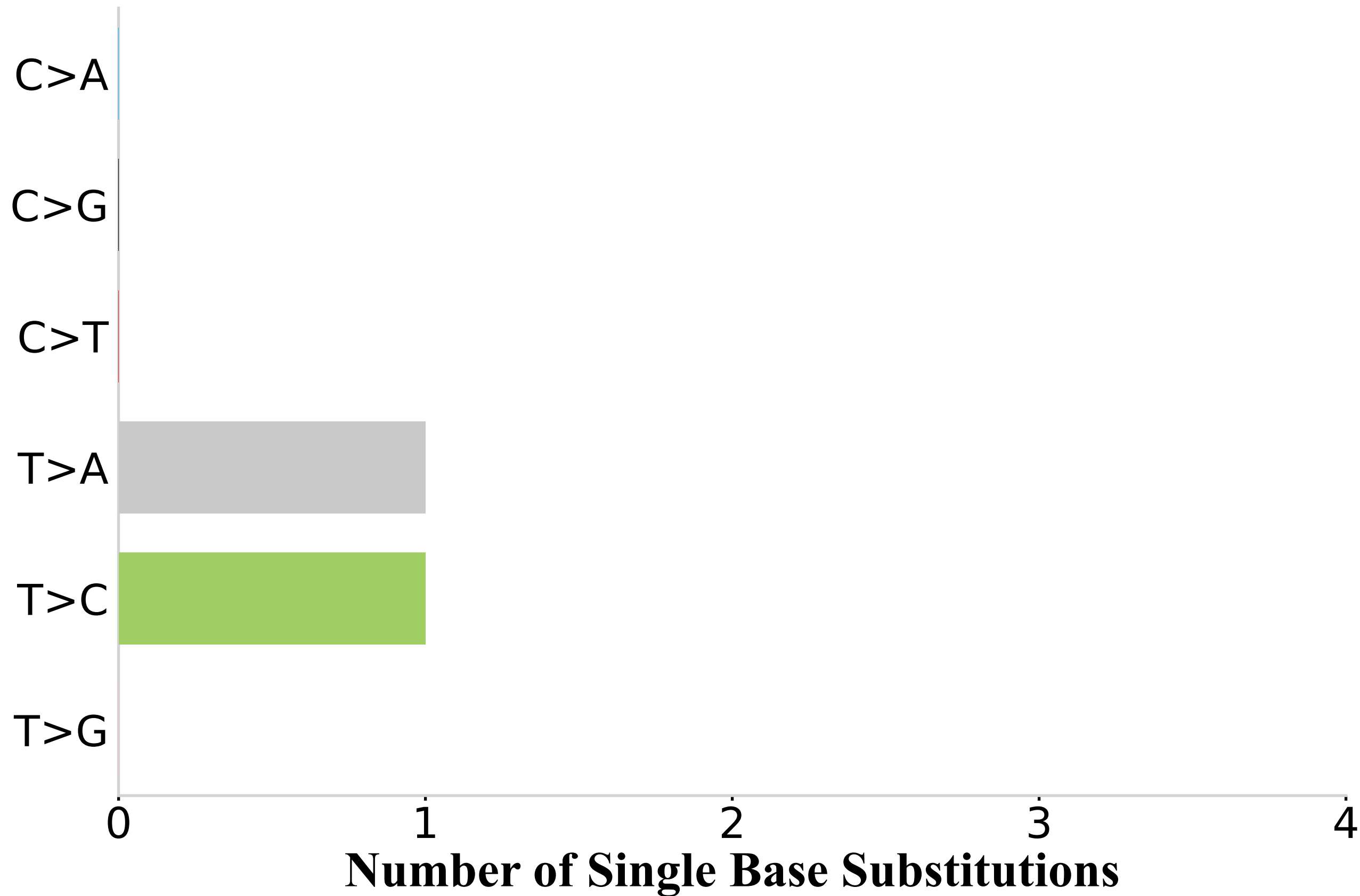
P-0001193-T01-IM3: 1 subs



P-0001254-T02-IM3: 1 subs



P-0001315-T01-IM3: 2 subs



P-0001410-T01-IM3: 1 subs



P-0001431-T02-IM6: 0 subs

C>A

C>G

C>T

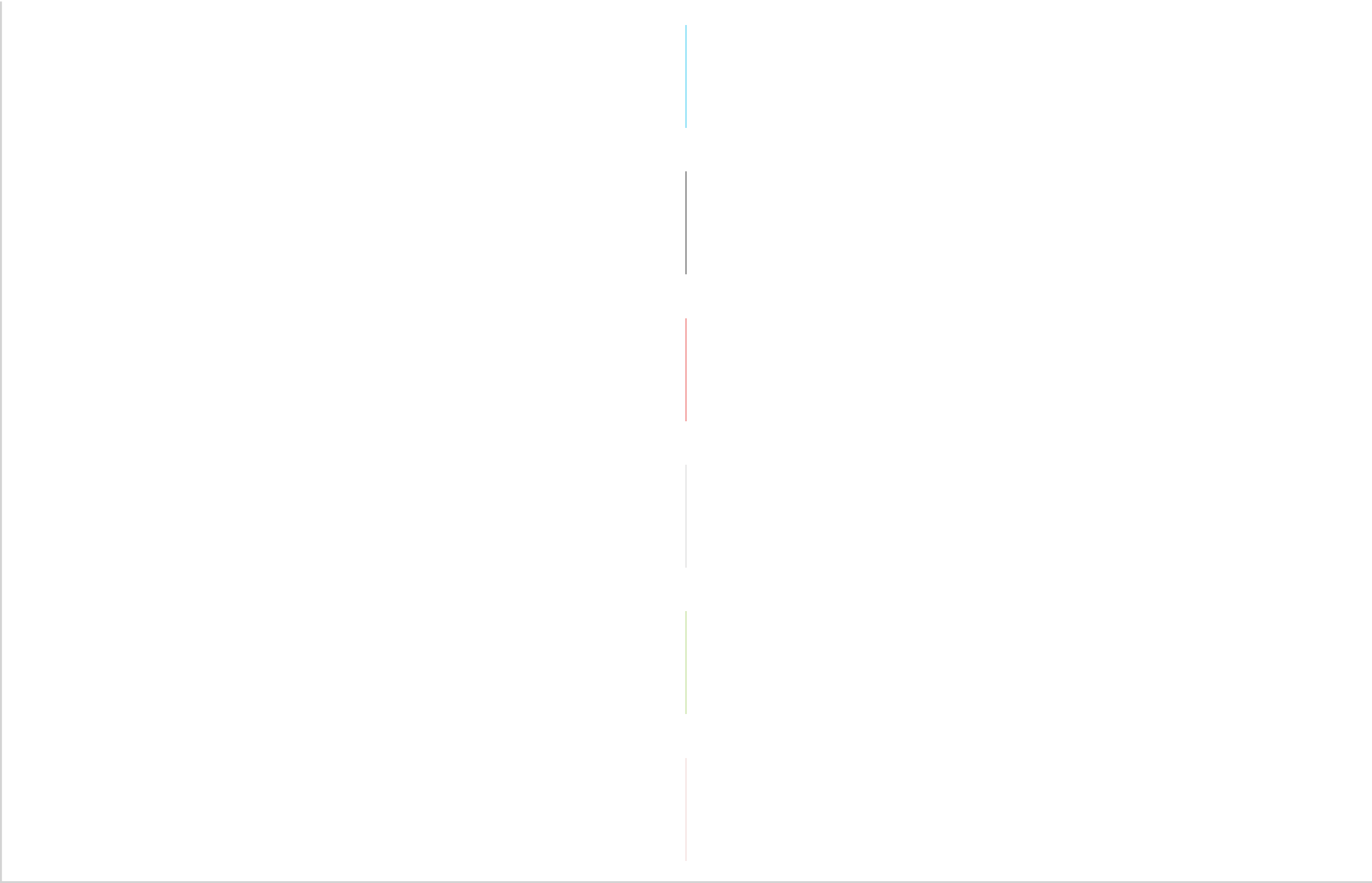
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T>C

T>G

0

Number of Single Base Substitutions



P-0001461-T01-IM3: 0 subs

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C>G

C>T

T>A

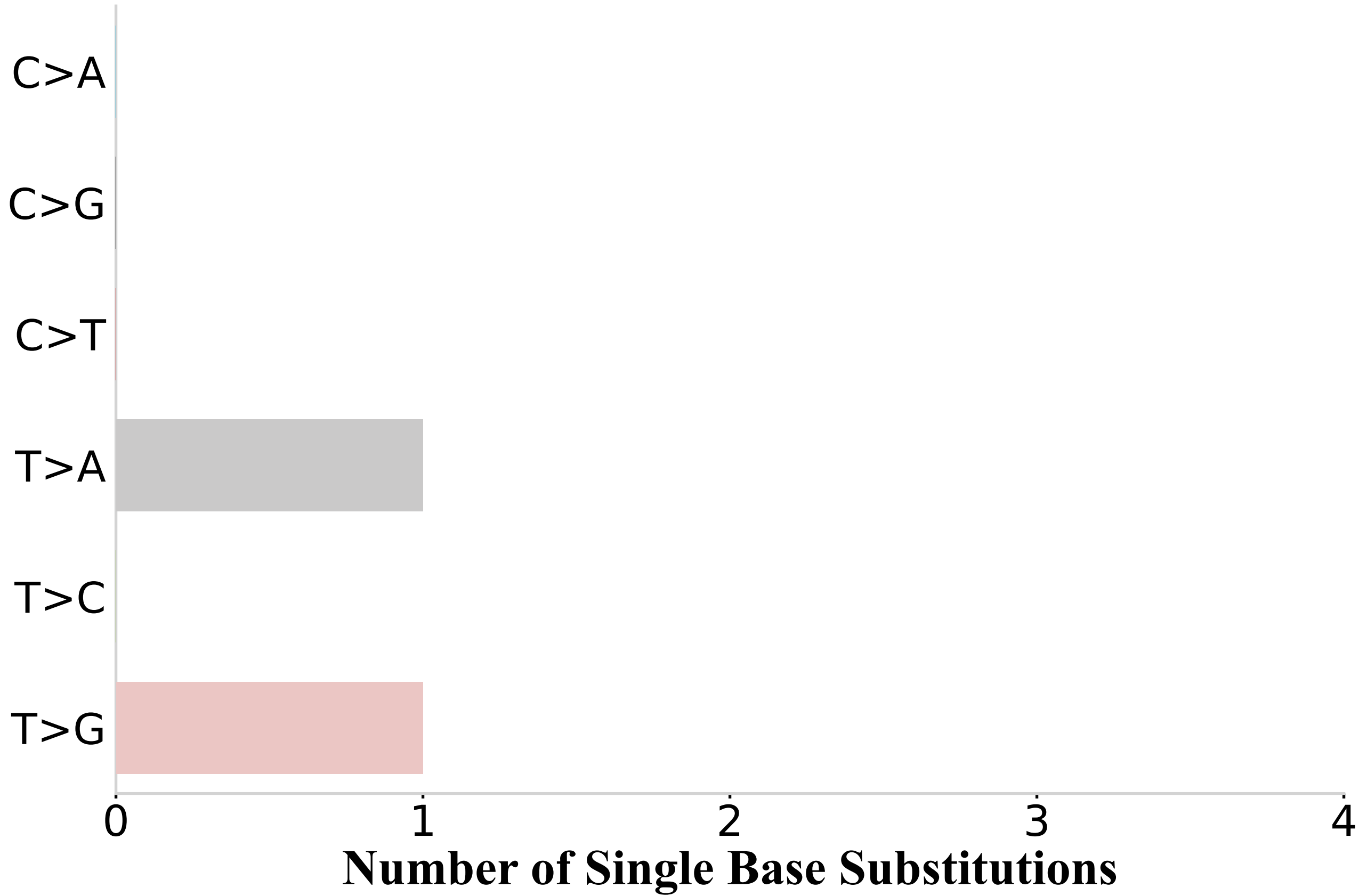
T>C

T>G

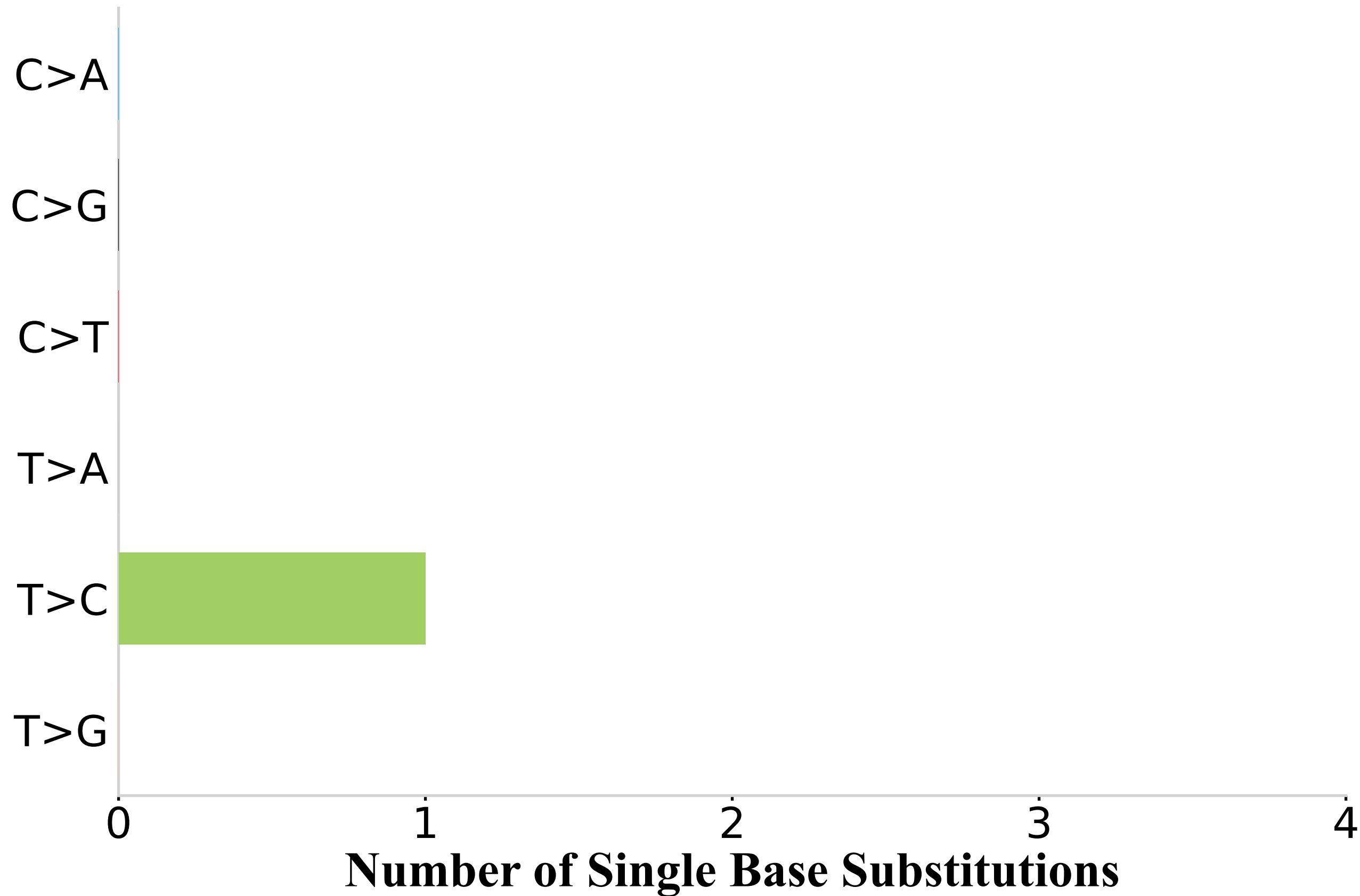
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Number of Single Base Substitutions

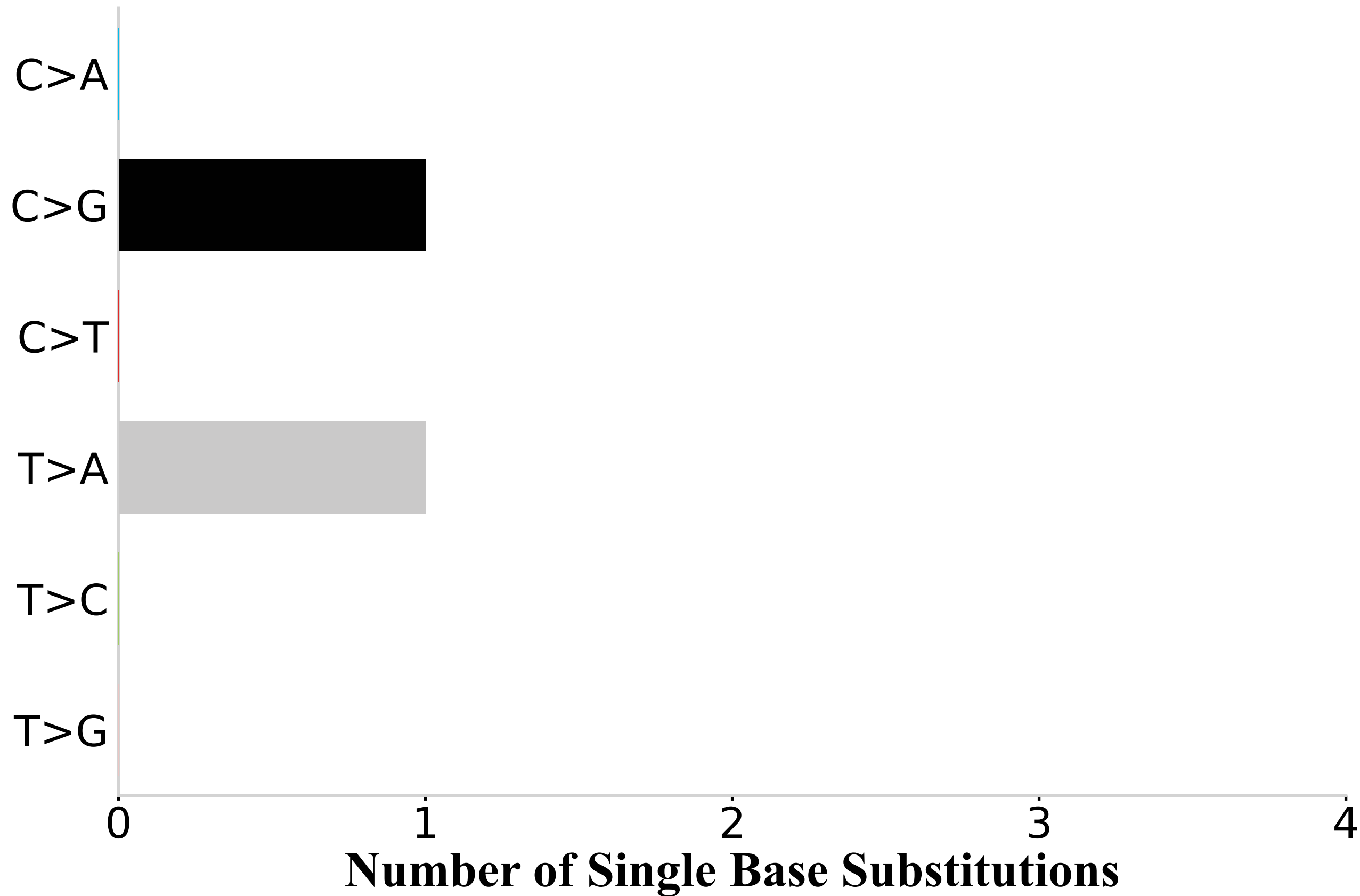
P-0001512-T01-IM3: 2 subs



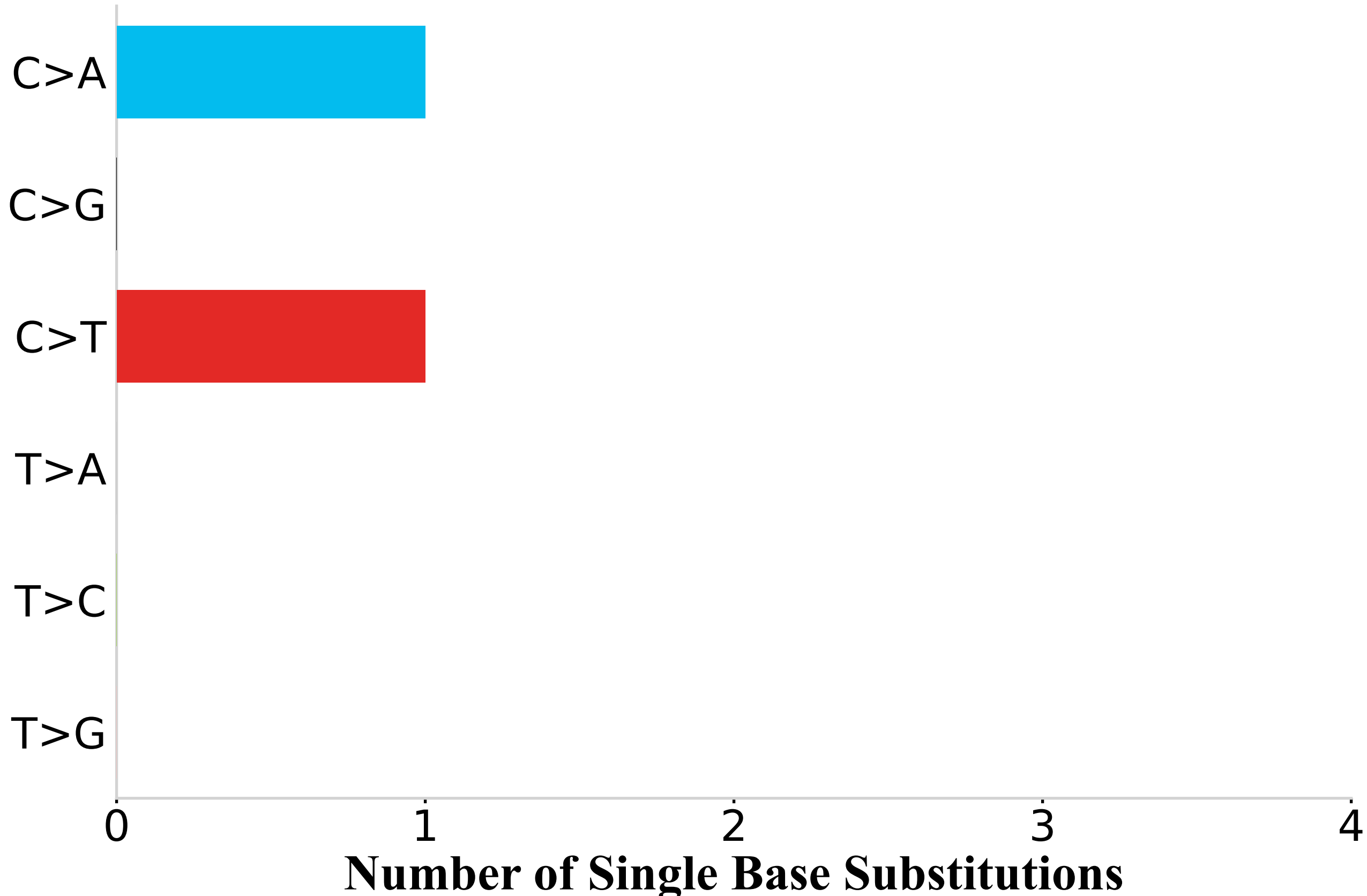
P-0001517-T01-IM3: 1 subs



P-0001692-T02-IM3: 2 subs



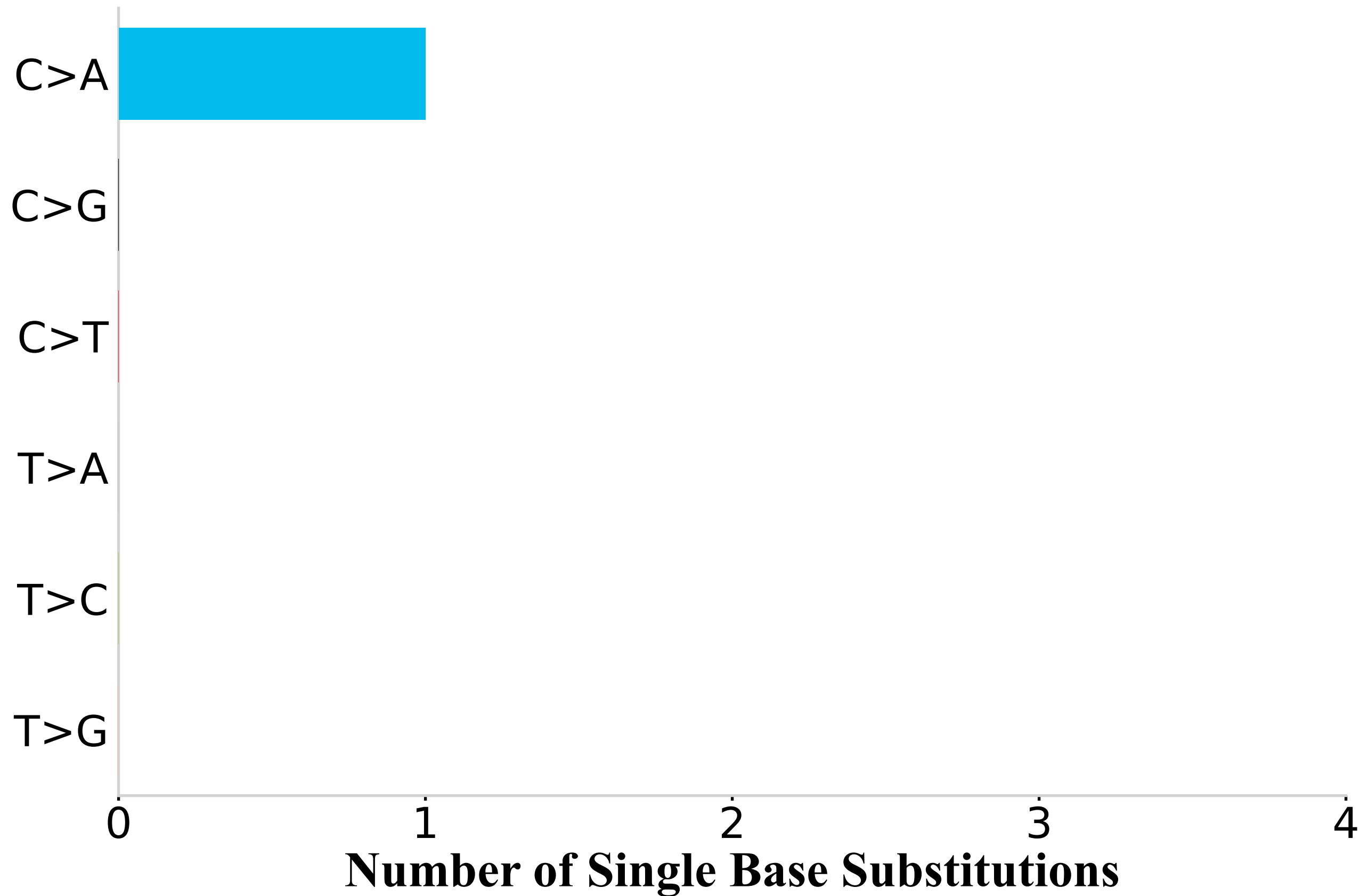
P-0001973-T01-IM3: 2 subs



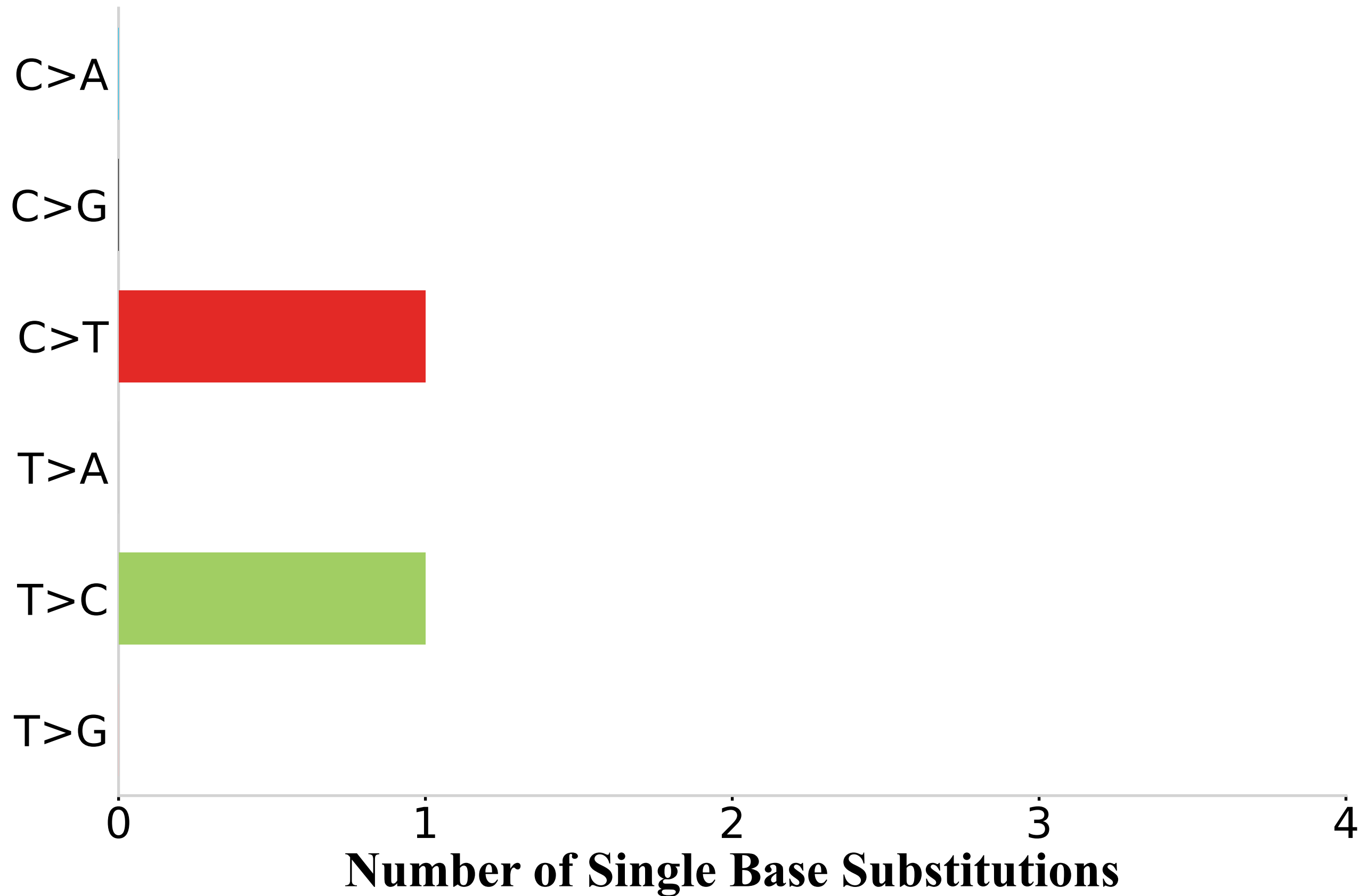
P-0002276-T01-IM3: 1 subs



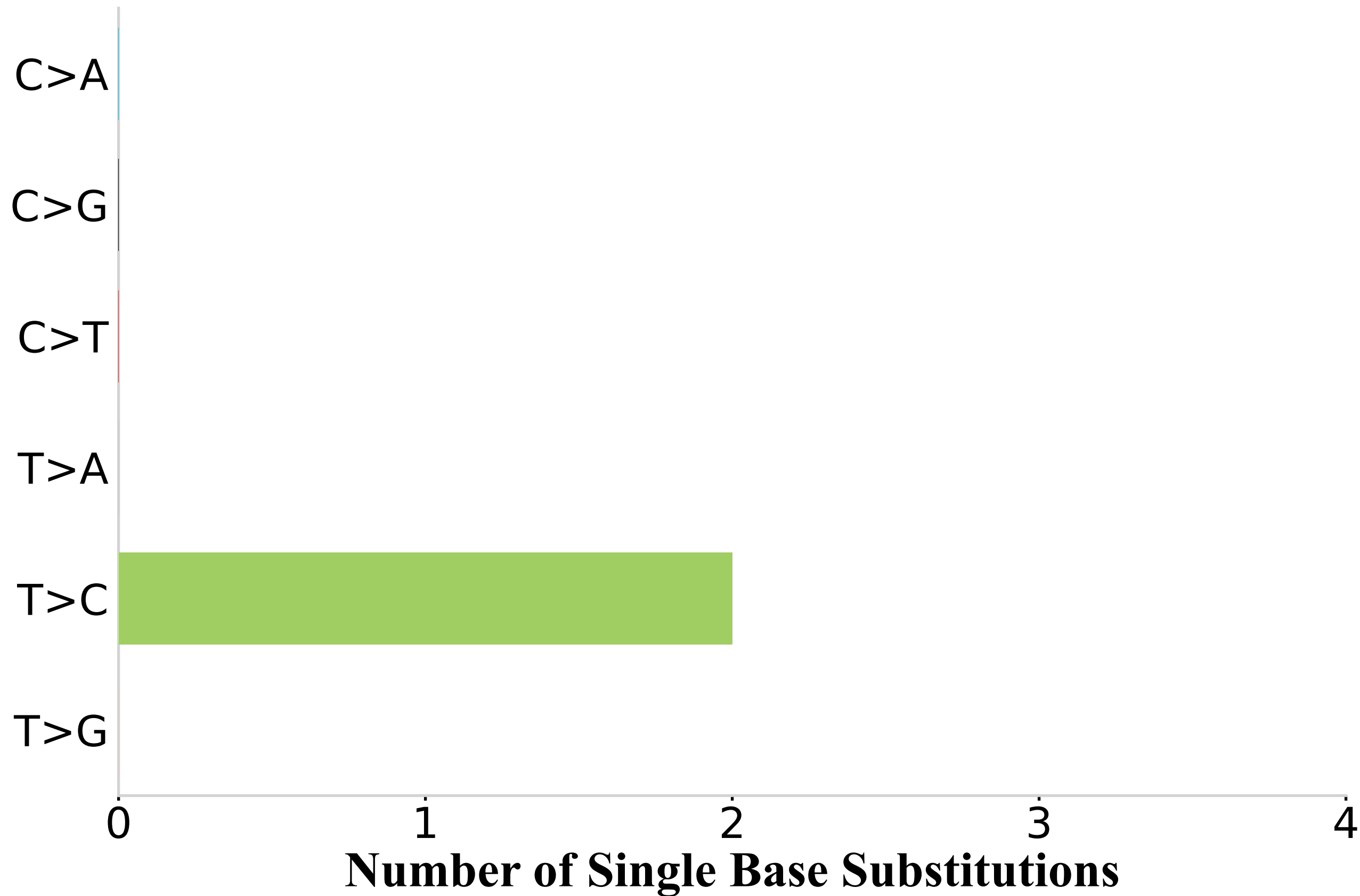
P-0002293-T01-IM3: 1 subs



P-0002409-T01-IM3: 2 subs



P-0002477-T01-IM3: 2 subs



P-0002525-T01-IM3: 0 subs

C>A

C>G

C>T

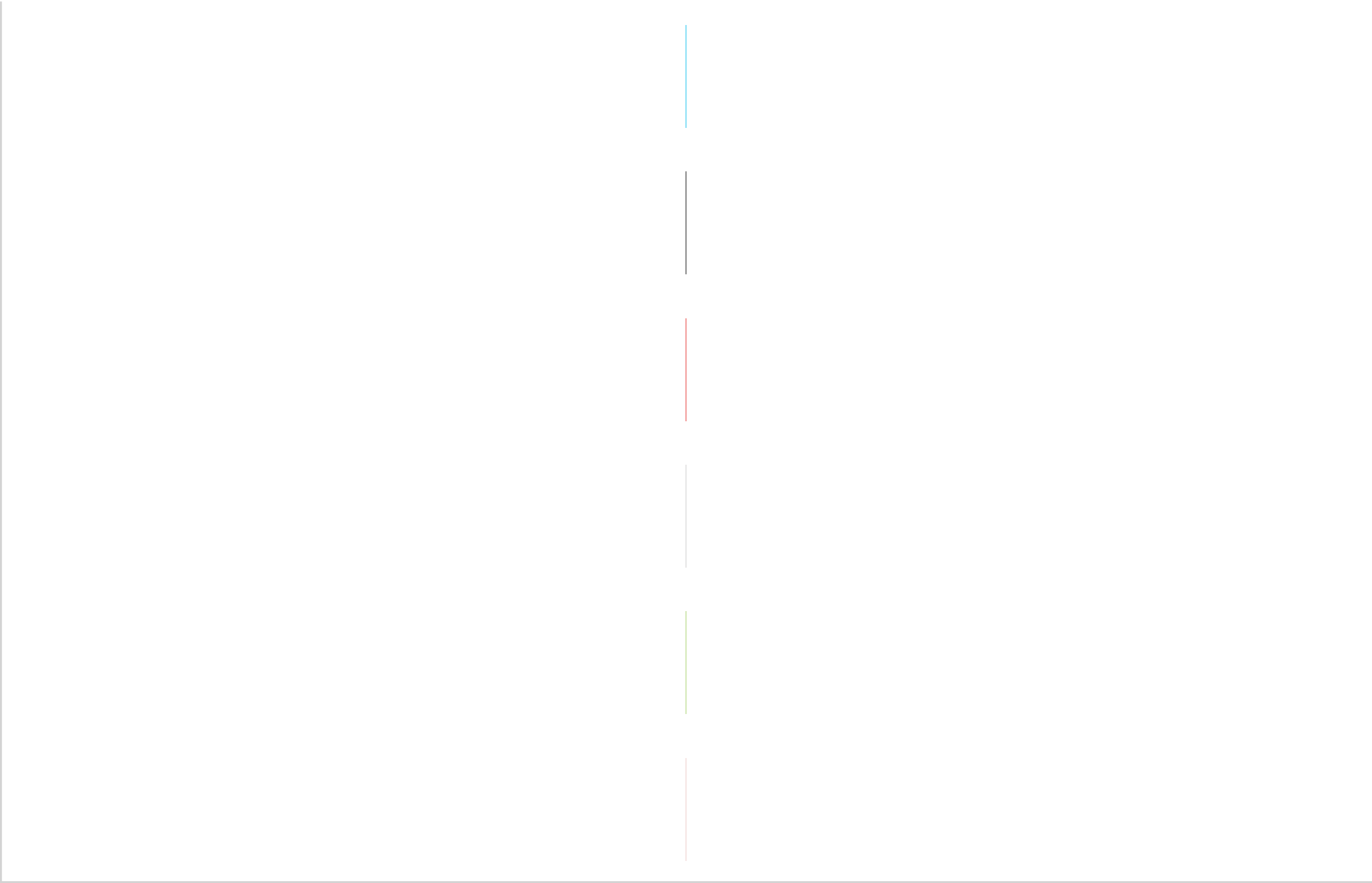
T>A

T>C

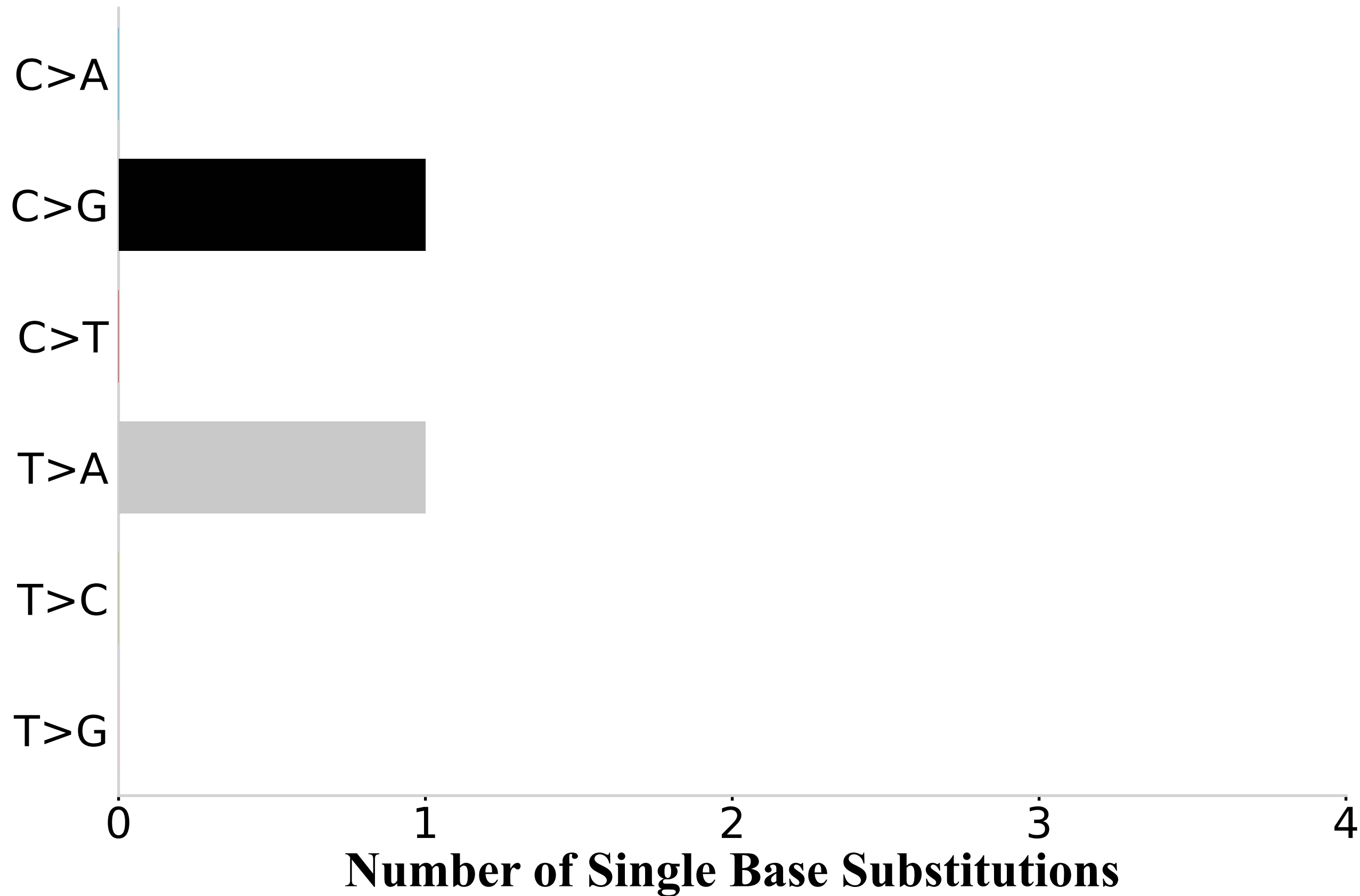
T>G

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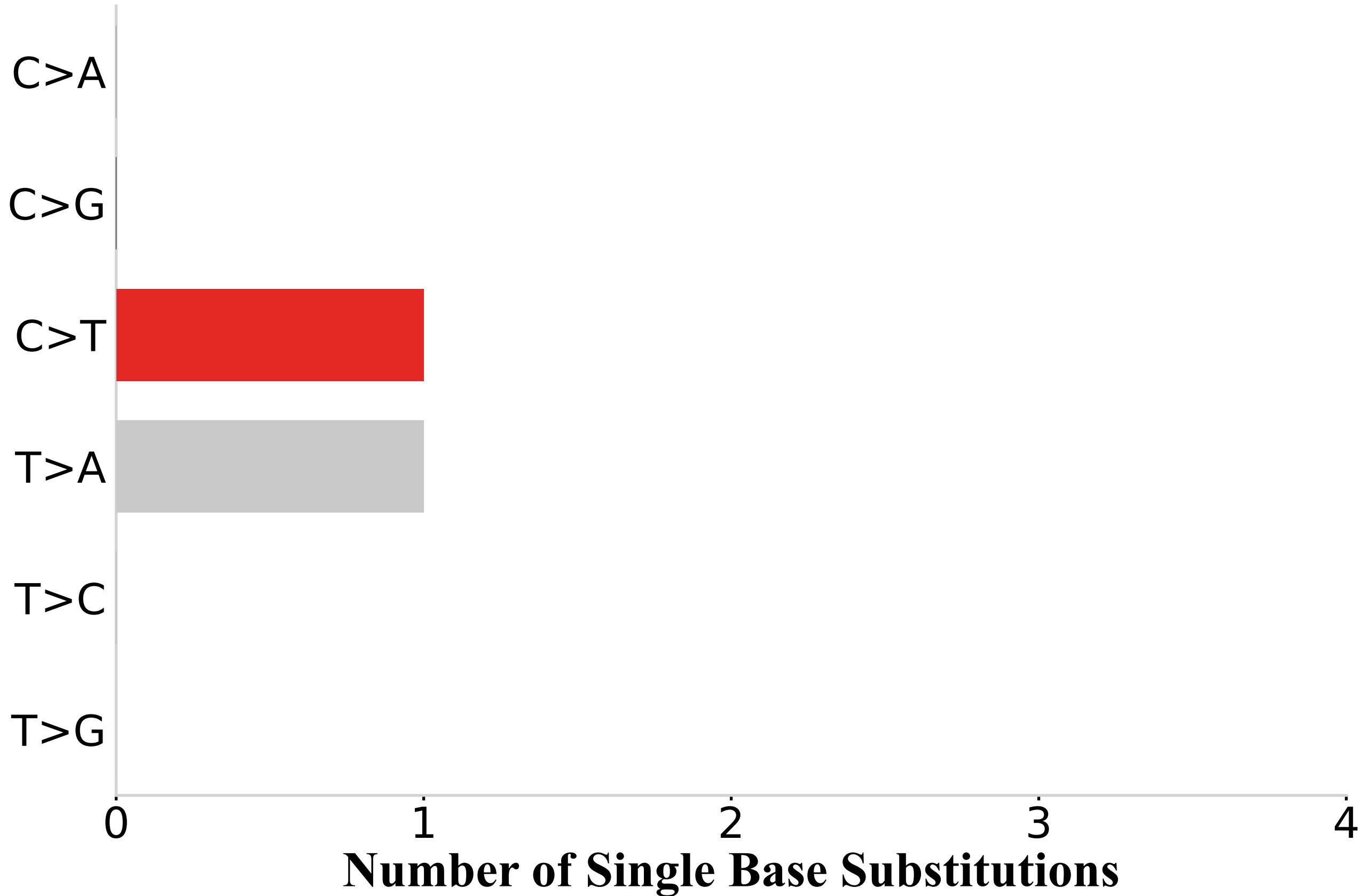
Number of Single Base Substitutions



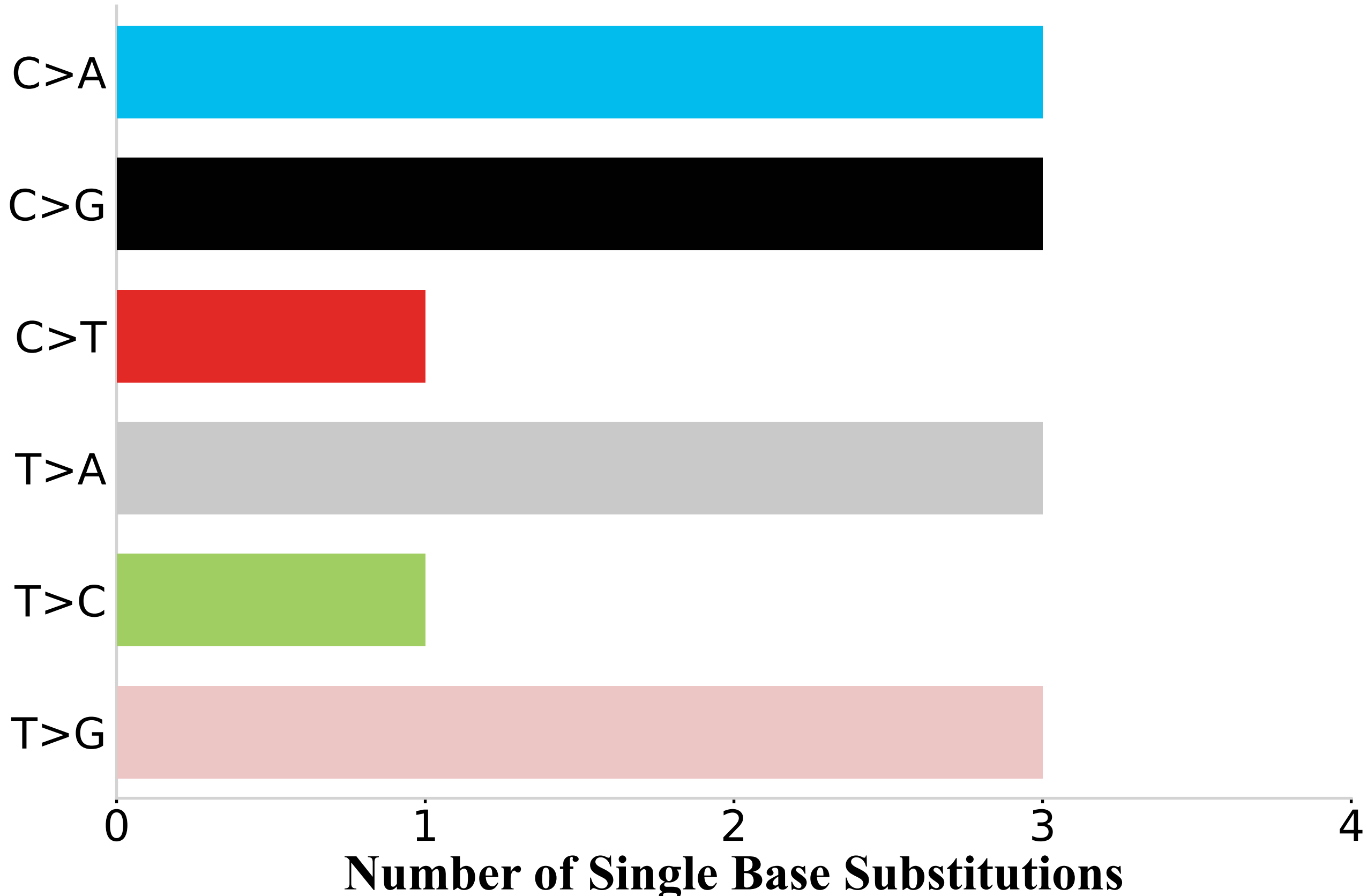
P-0002552-T01-IM3: 2 subs



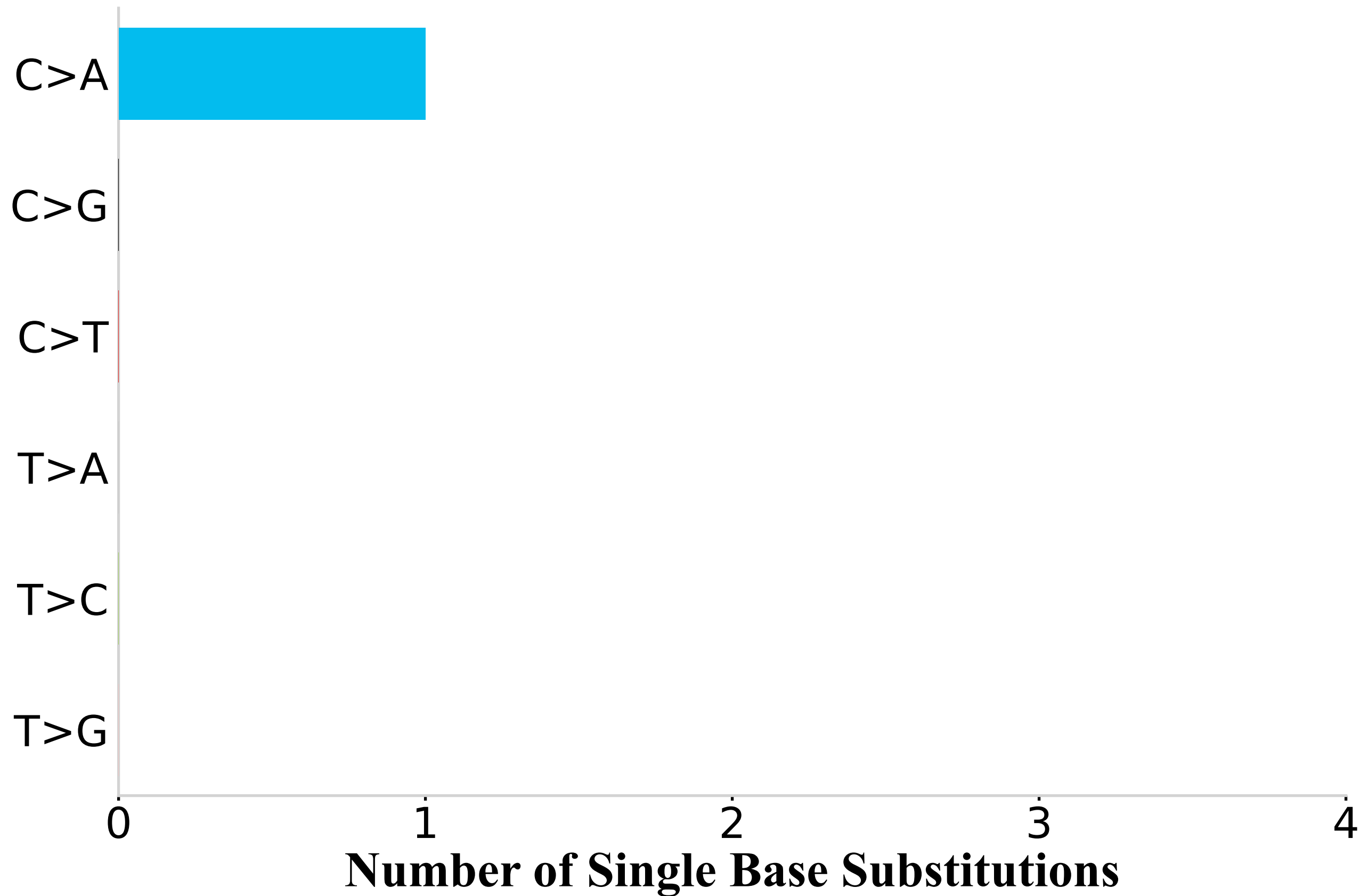
P-0002594-T02-IM5: 2 subs



P-0002672-T01-IM3: 14 subs



P-0002680-T01-IM3: 1 subs



P-0002868-T02-IM5: 0 subs

C>A

C>G

C>T

T>A

T>C

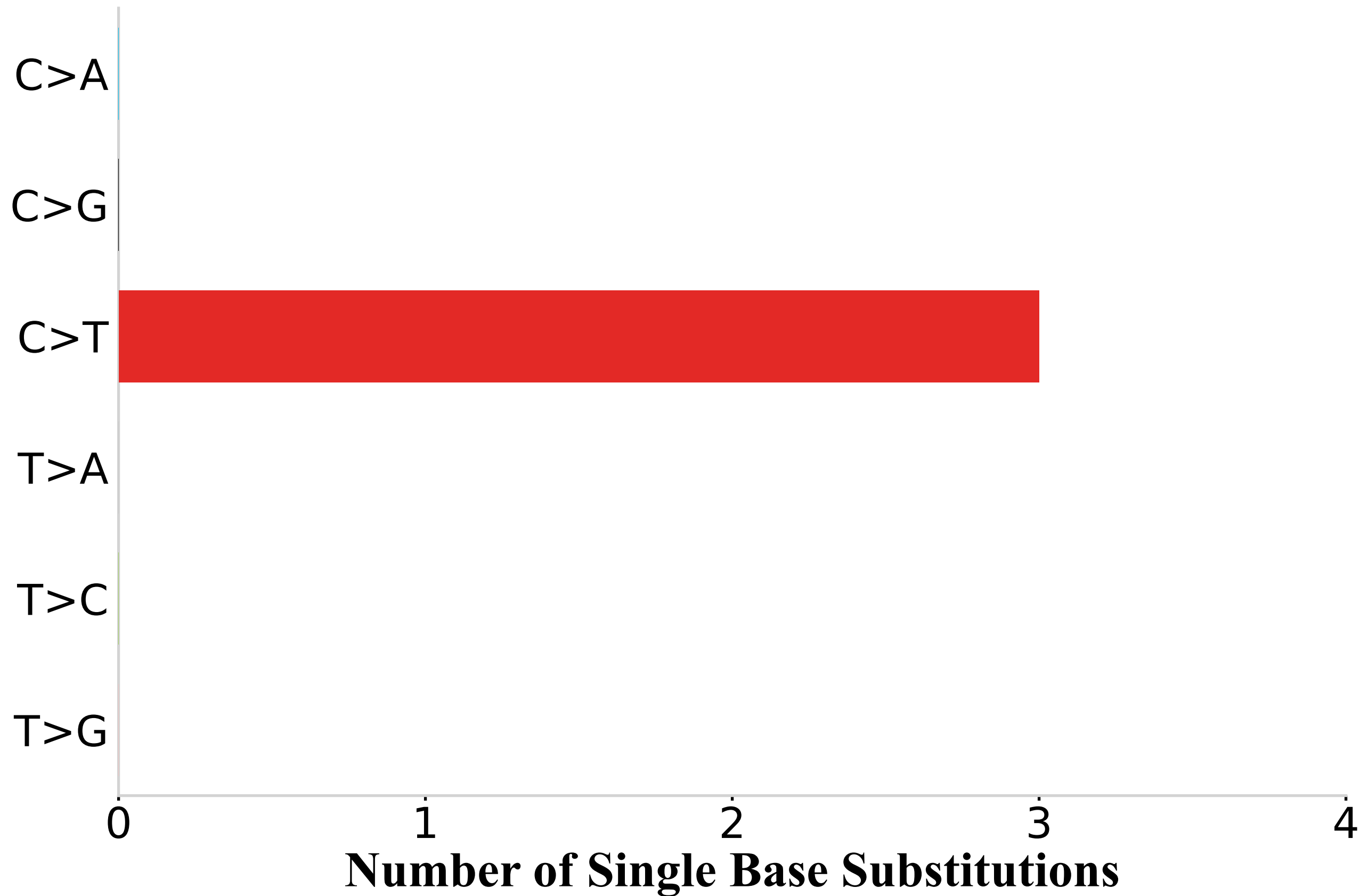
T>G

0

Number of Single Base Substitutions



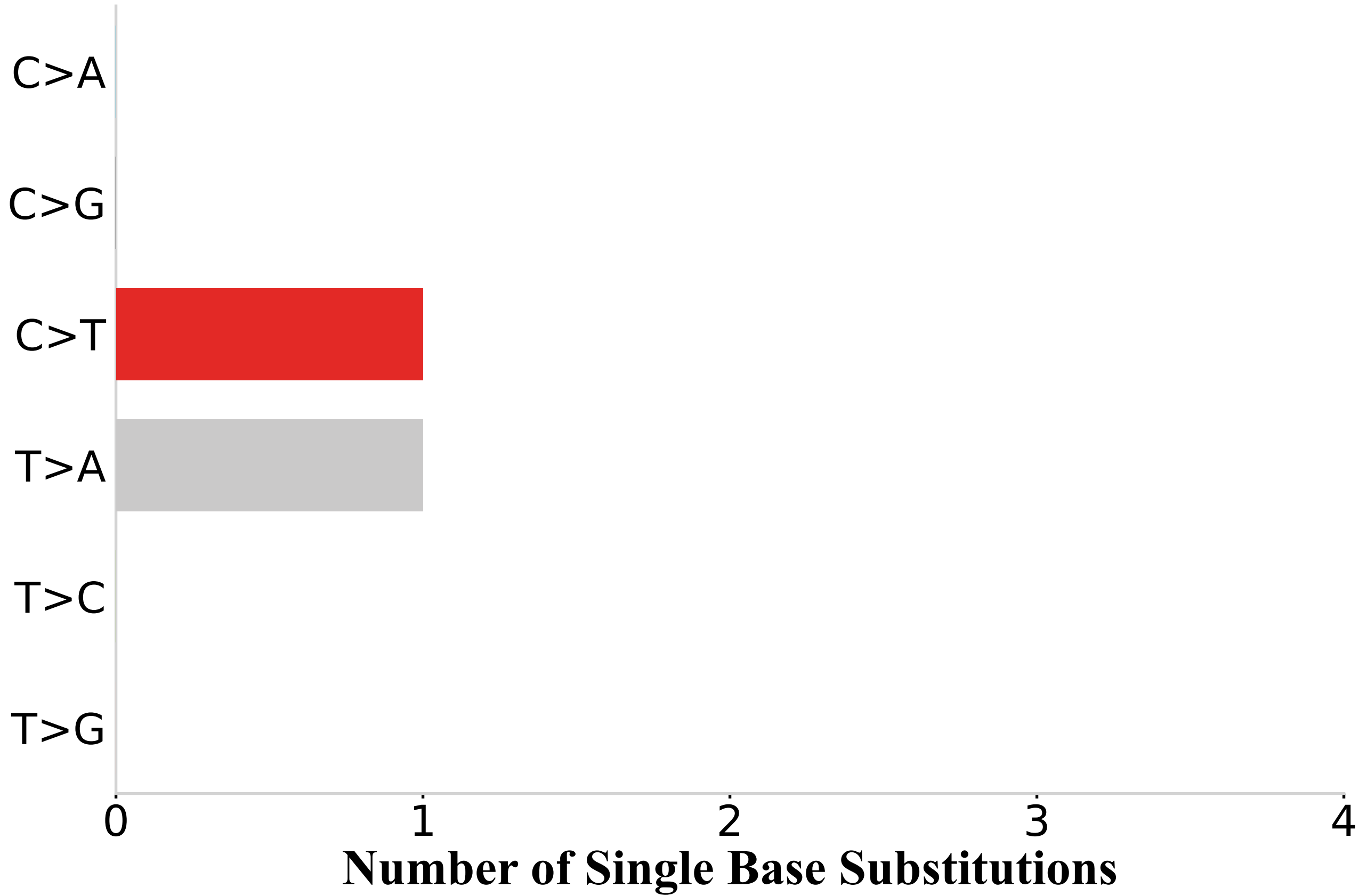
P-0003162-T01-IM5: 3 subs



P-0003384-T02-IM6: 1 subs



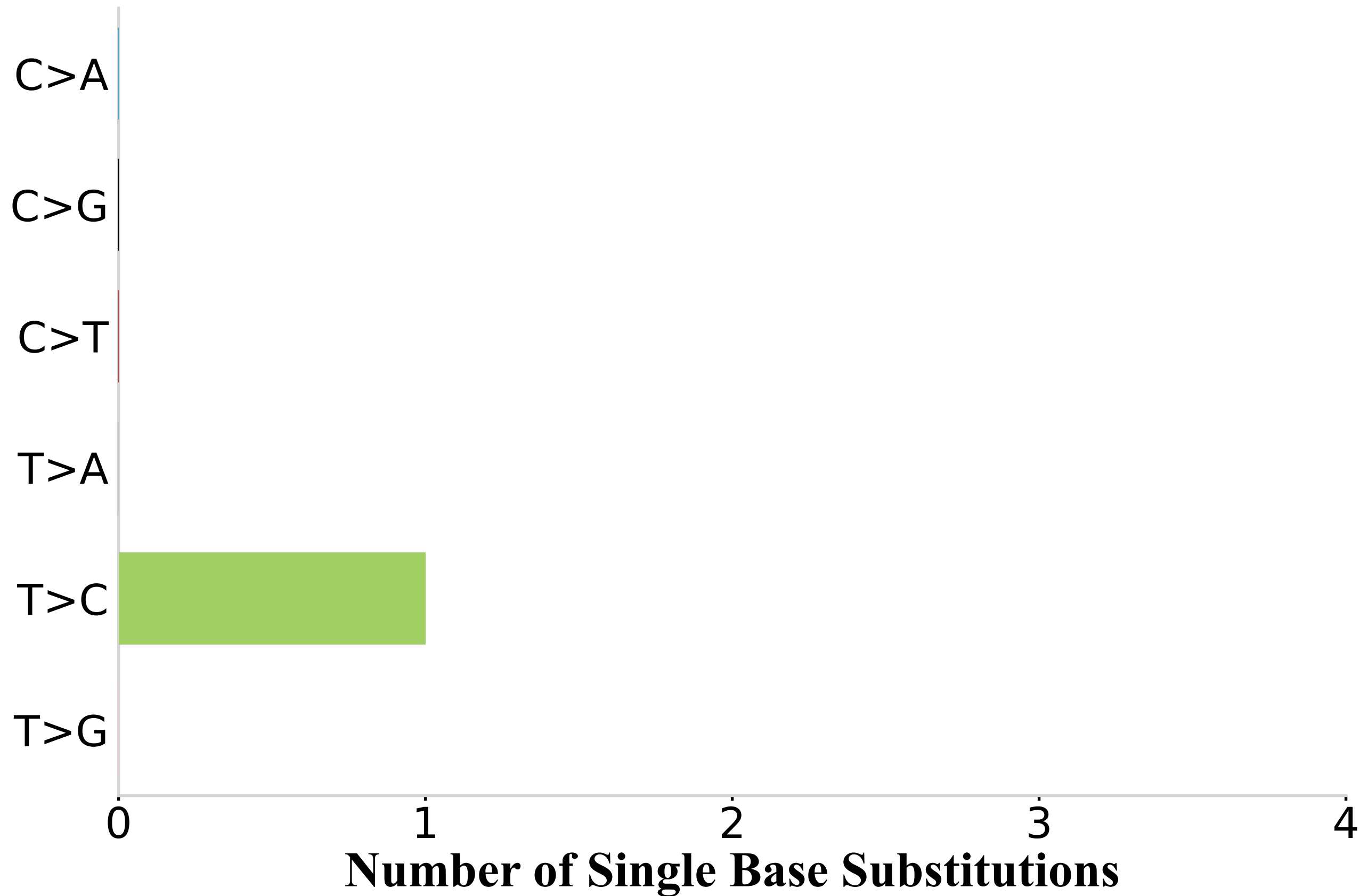
P-0003416-T02-IM5: 2 subs



P-0003457-T01-IM5: 1 subs



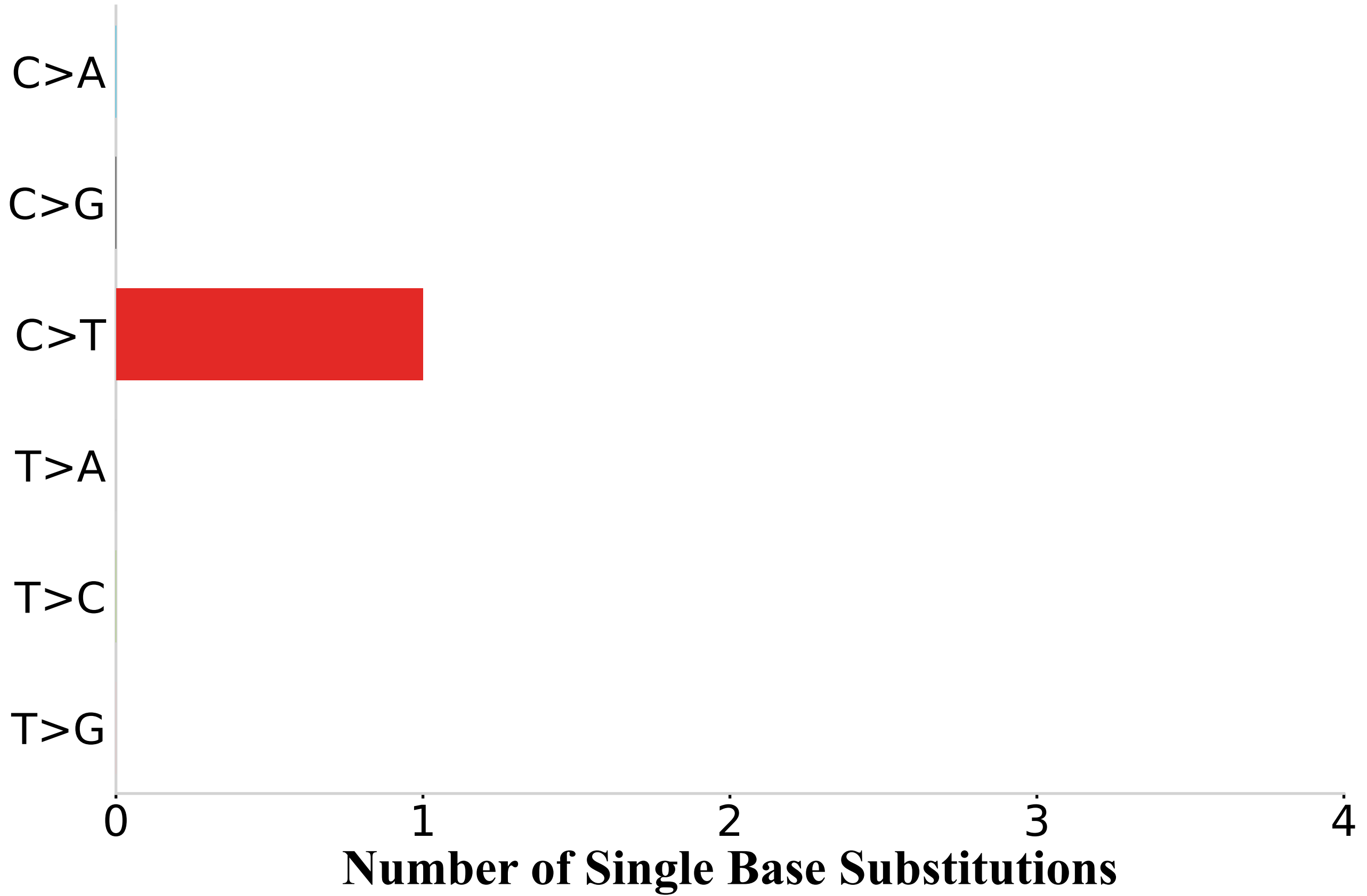
P-0003471-T01-IM5: 1 subs



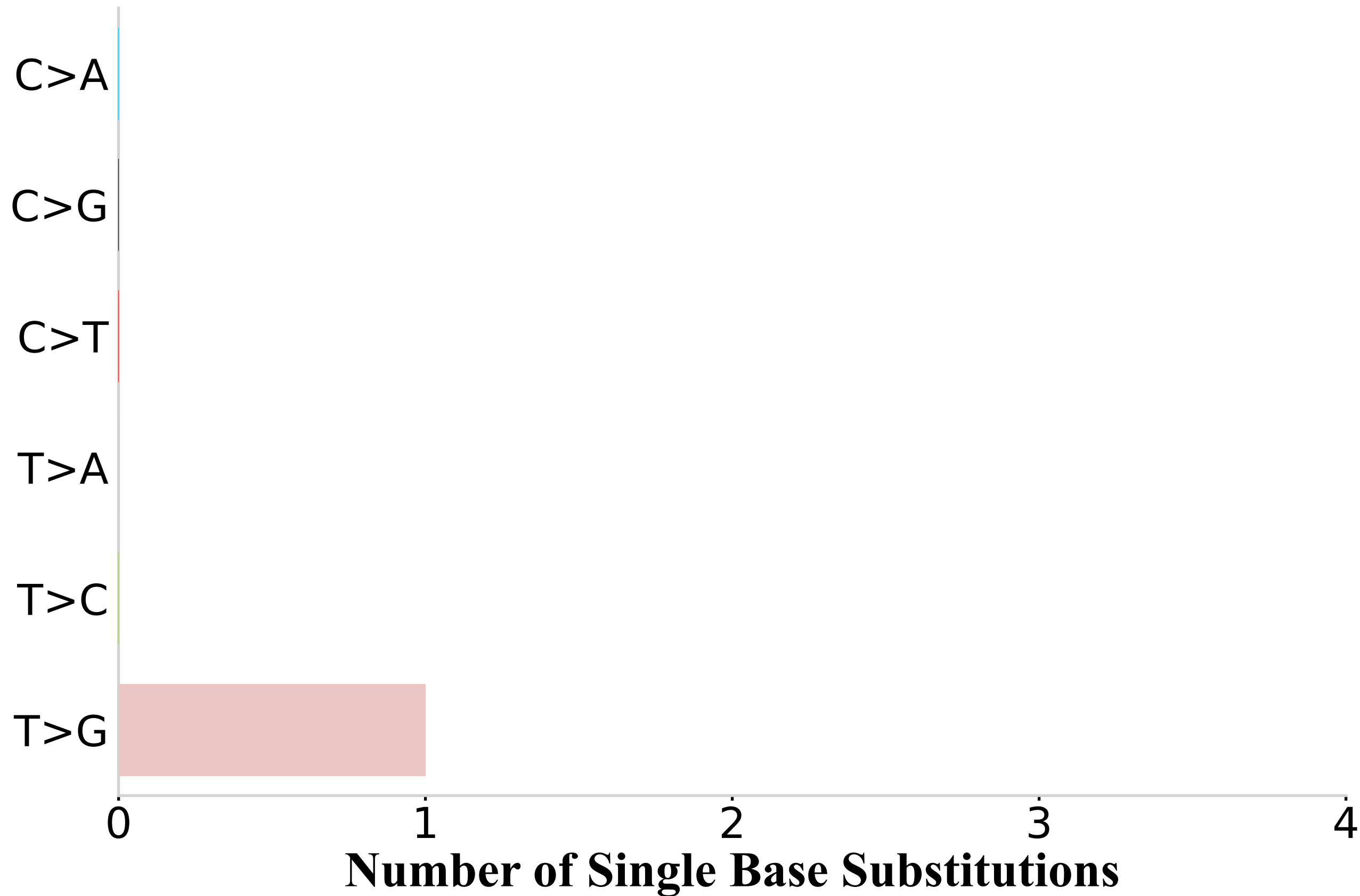
P-0003490-T01-IM5: 1 subs



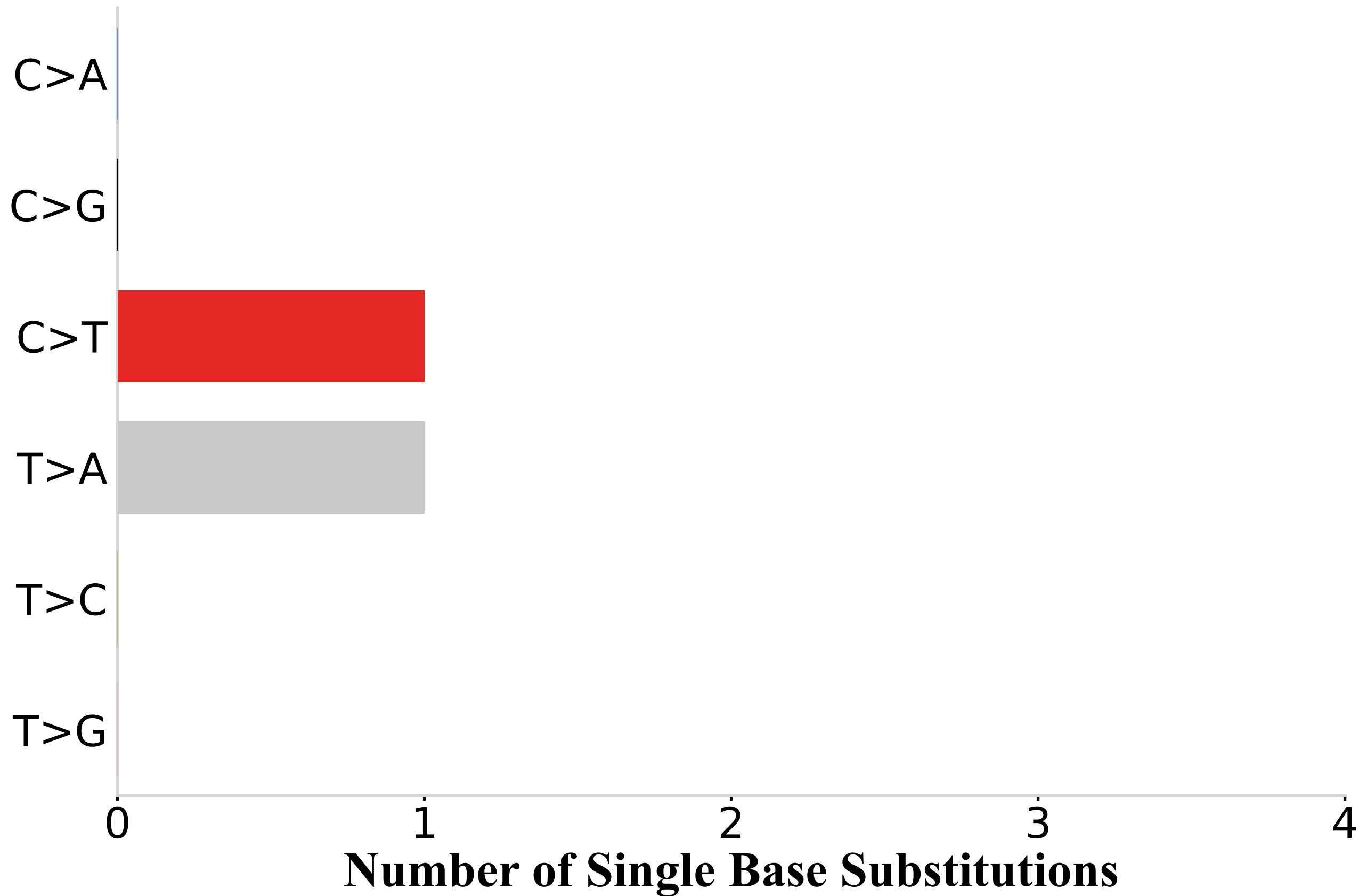
P-0003760-T01-IM5: 1 subs



P-0003927-T01-IM3: 1 subs



P-0004225-T01-IM5: 2 subs



P-0004235-T01-IM5: 0 subs

C>A

C>G

C>T

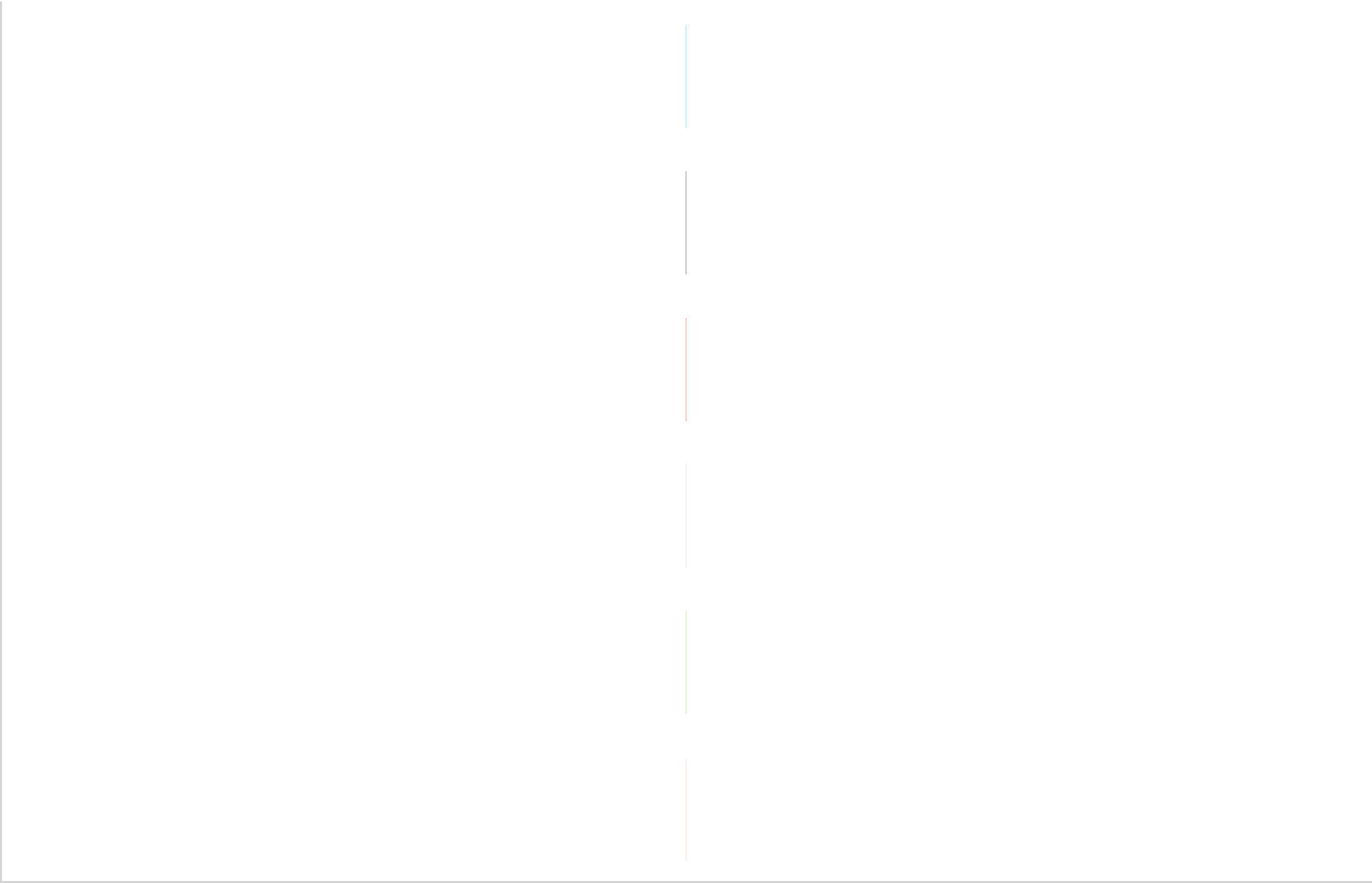
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T>C

T>G

0

Number of Single Base Substitutions



P-0004305-T01-IM5: 0 subs

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C>G

C>T

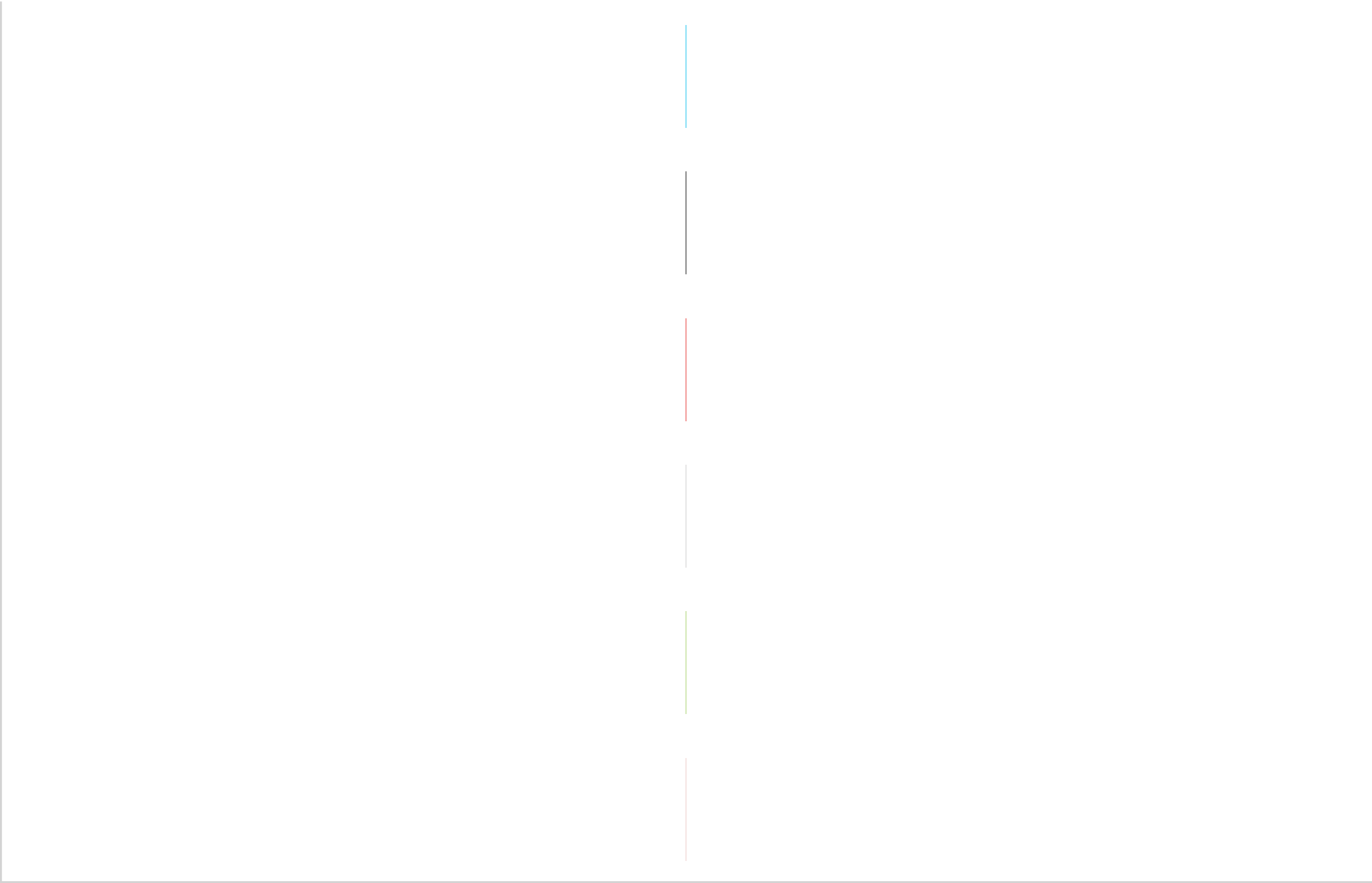
T>A

T>C

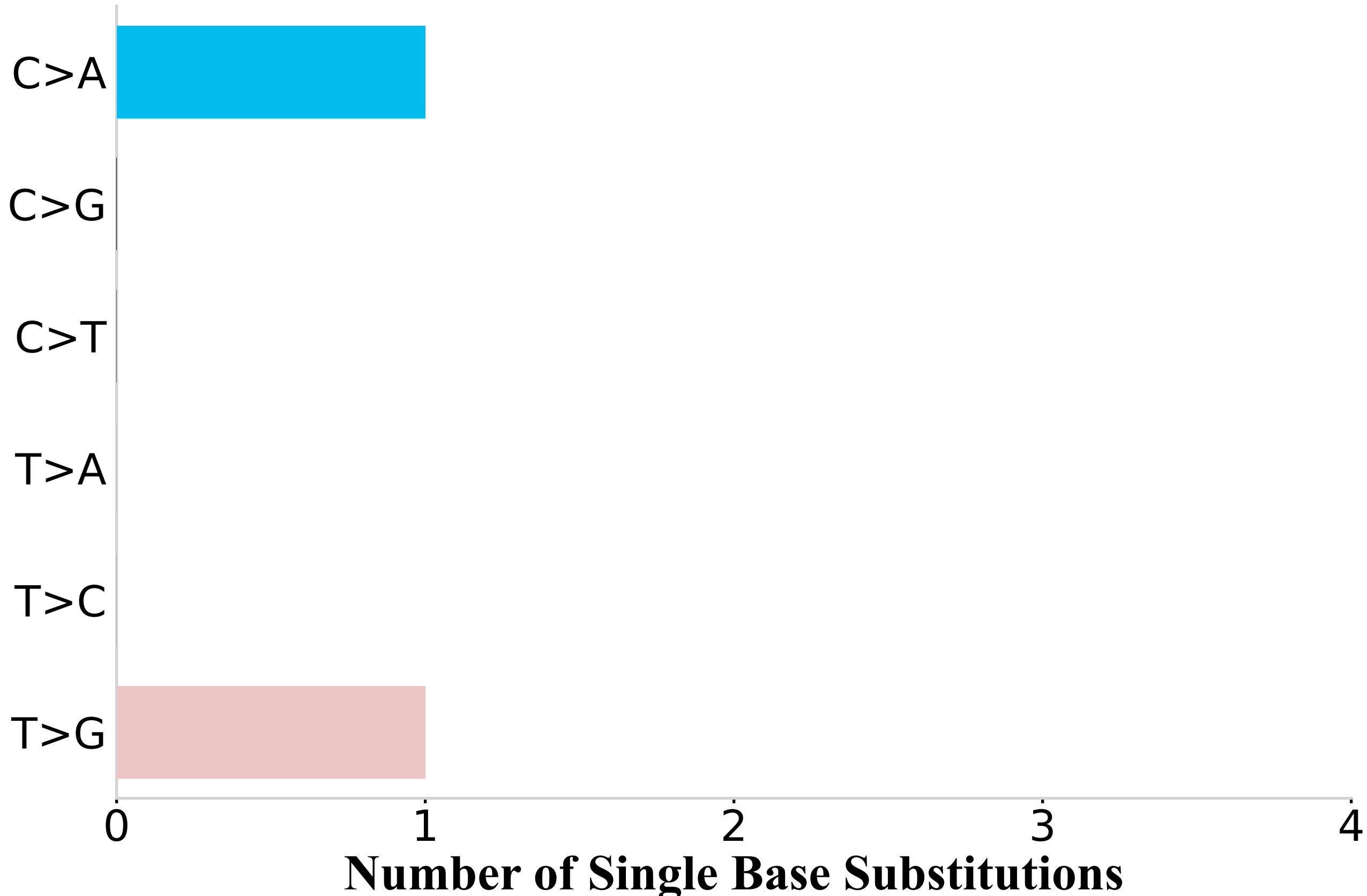
T>G

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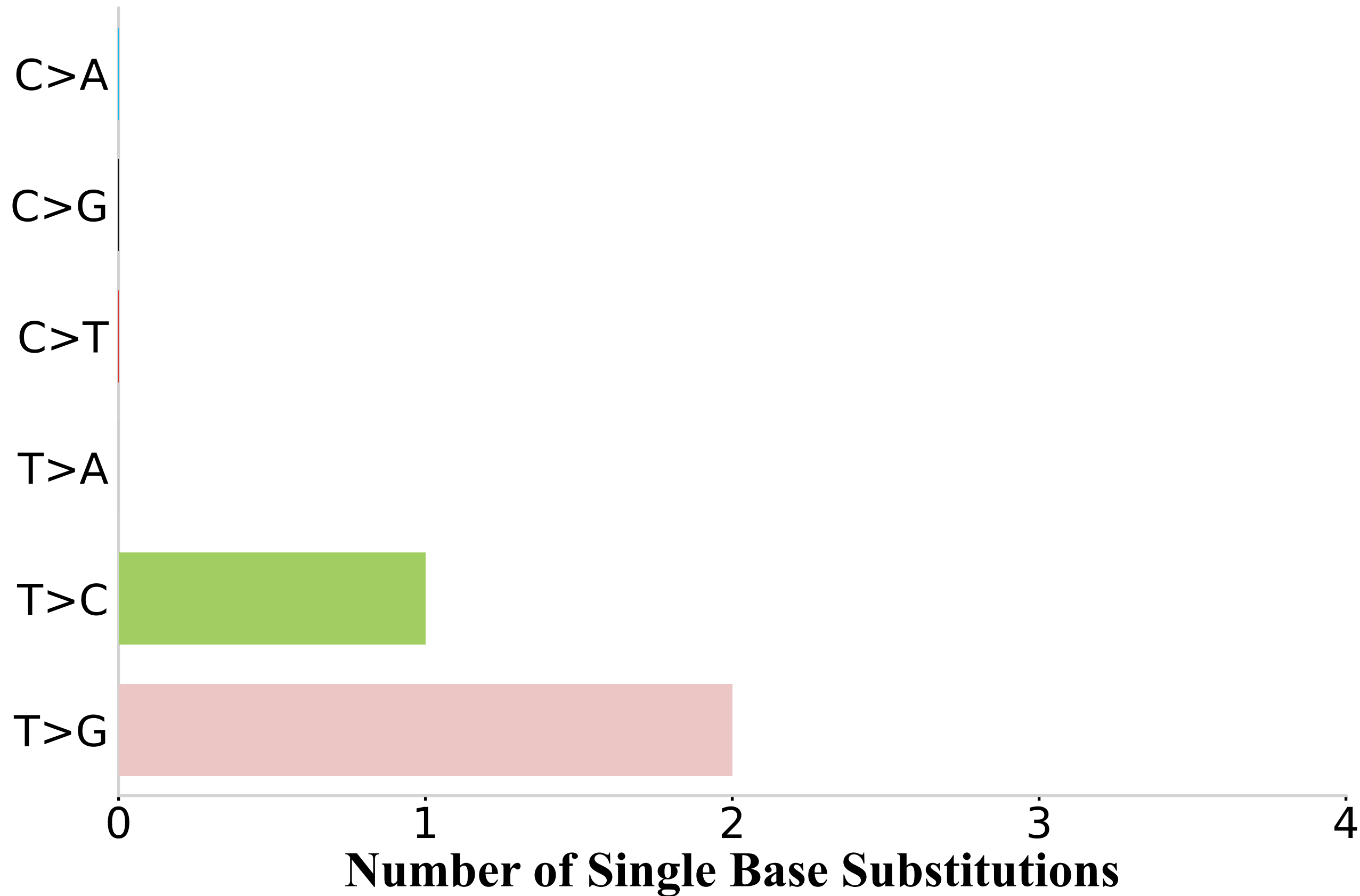
Number of Single Base Substitutions



P-0004509-T01-IM5: 2 subs



P-0004639-T01-IM5: 3 subs



P-0004645-T01-IM5: 0 subs

C>A

C>G

C>T

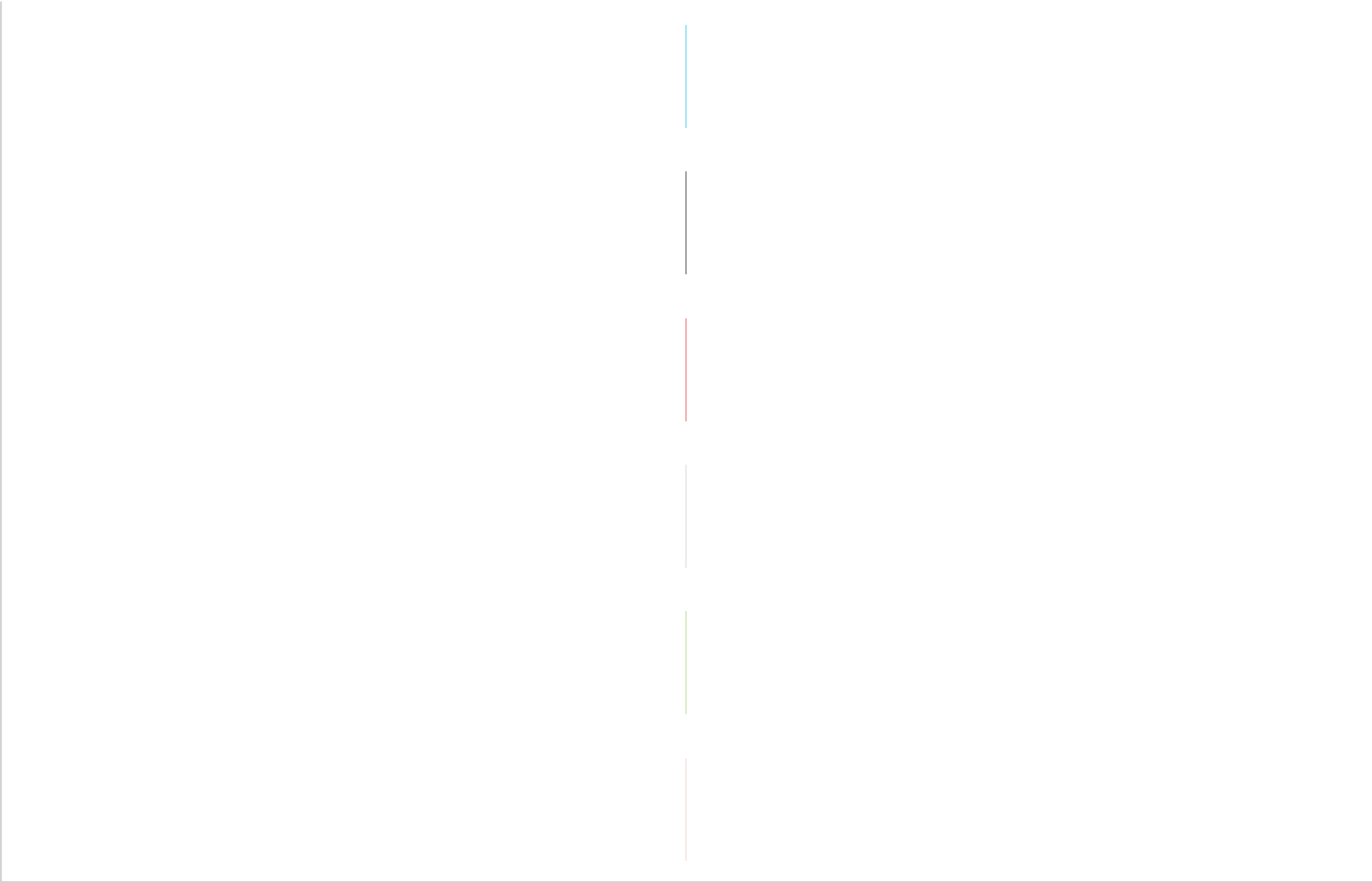
T>A

T>C

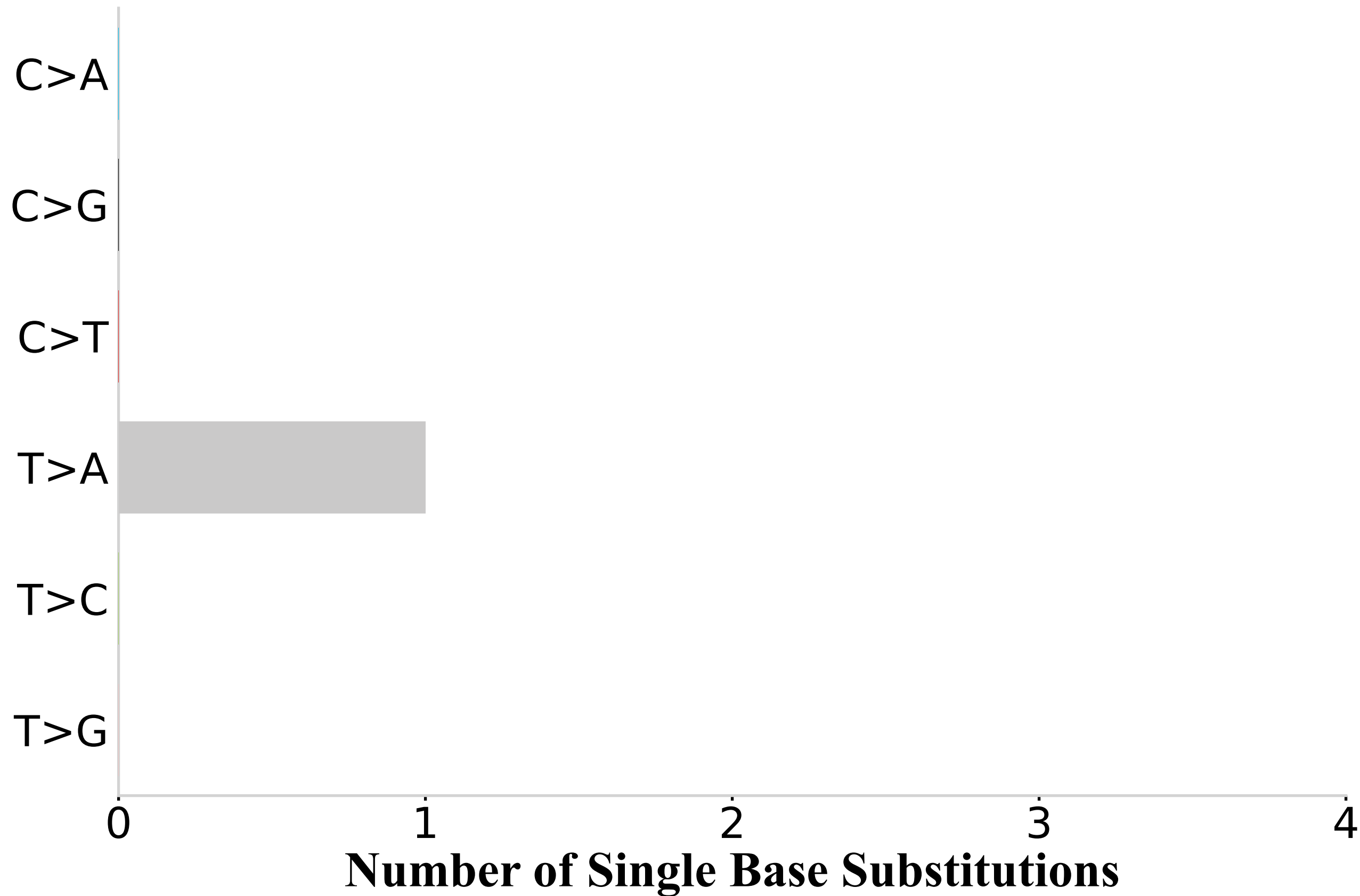
T>G

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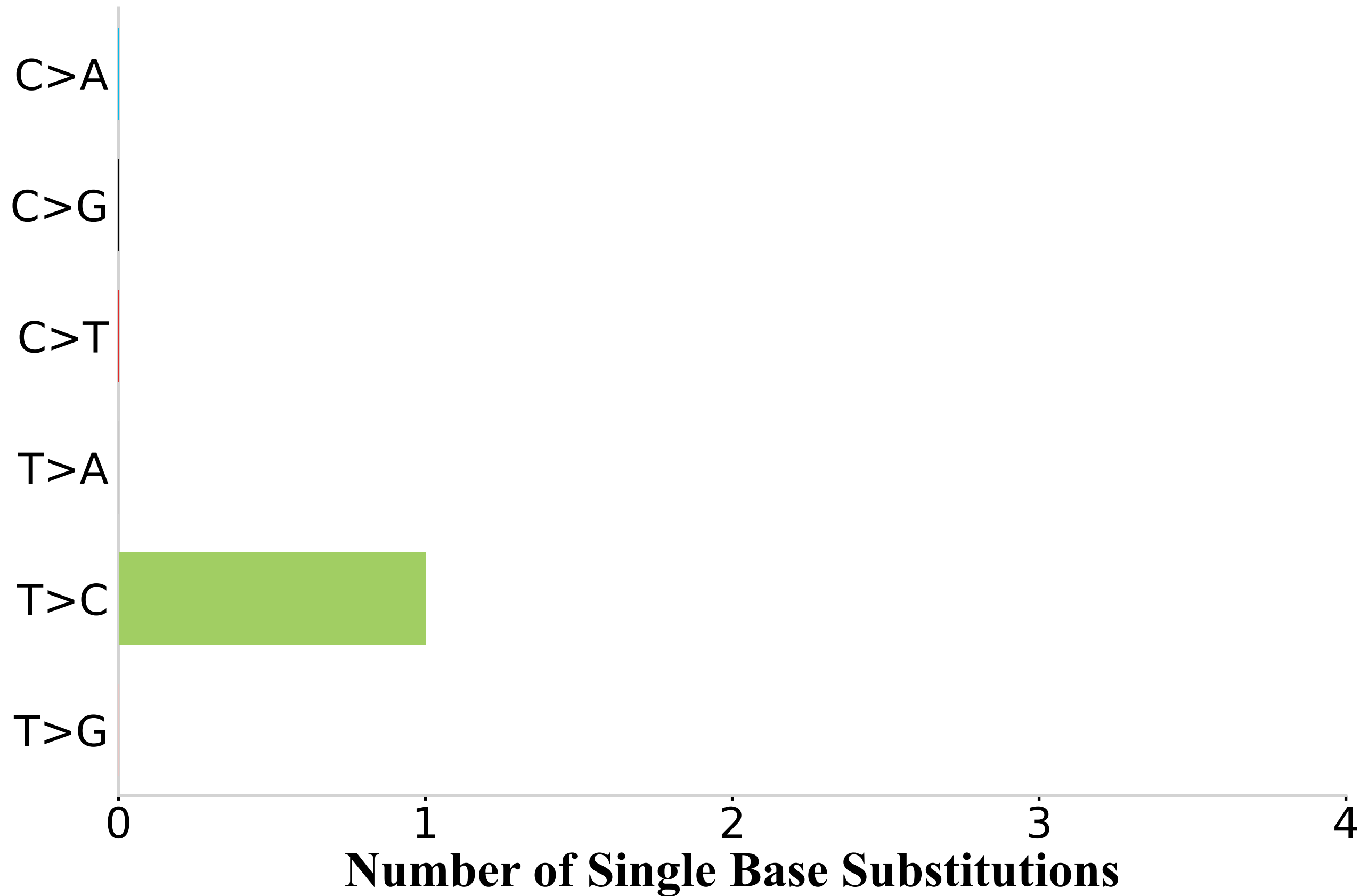
Number of Single Base Substitutions



P-0004651-T01-IM5: 1 subs



P-0004677-T01-IM5: 1 subs



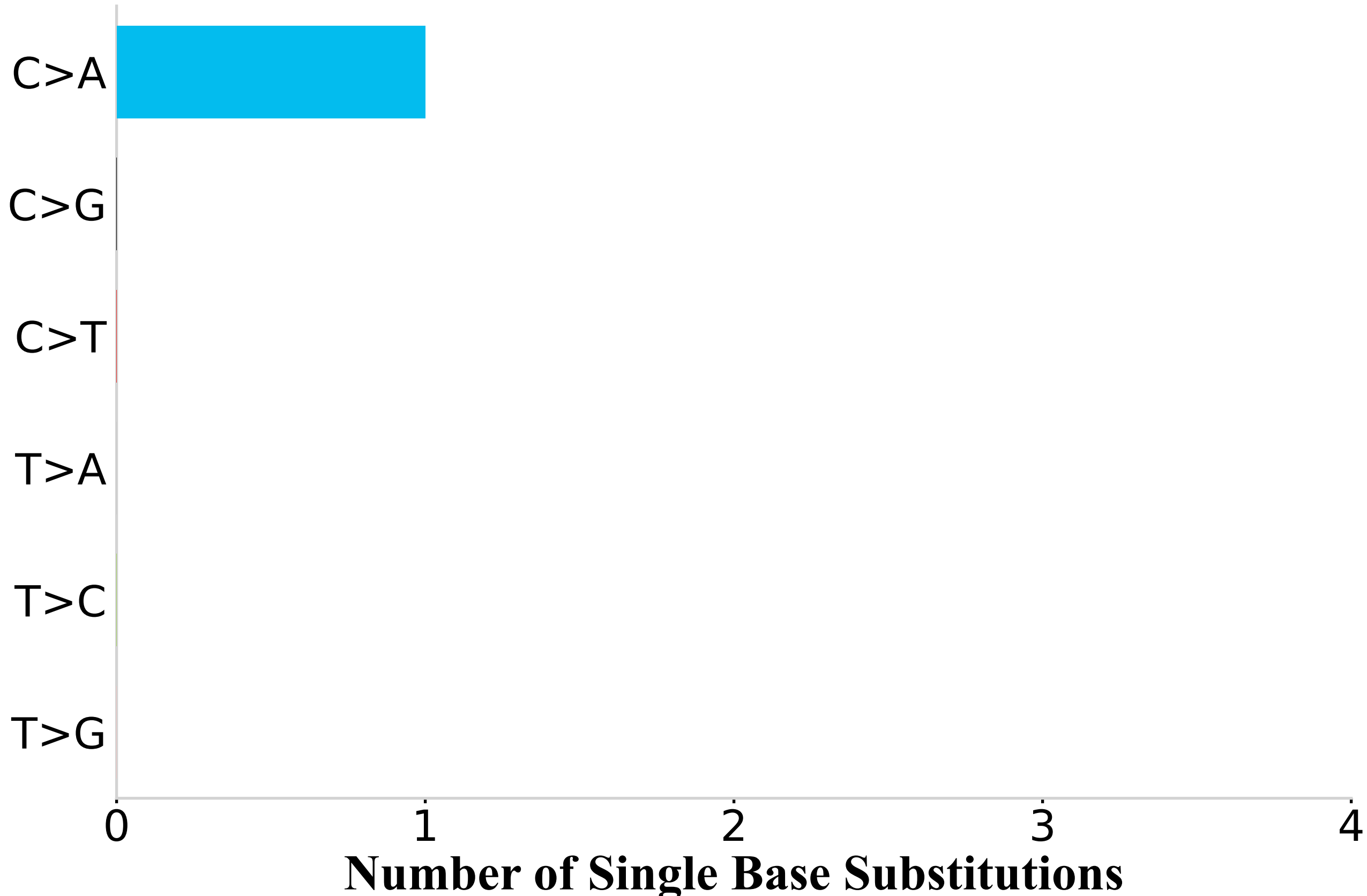
P-0004760-T02-IM5: 1 subs



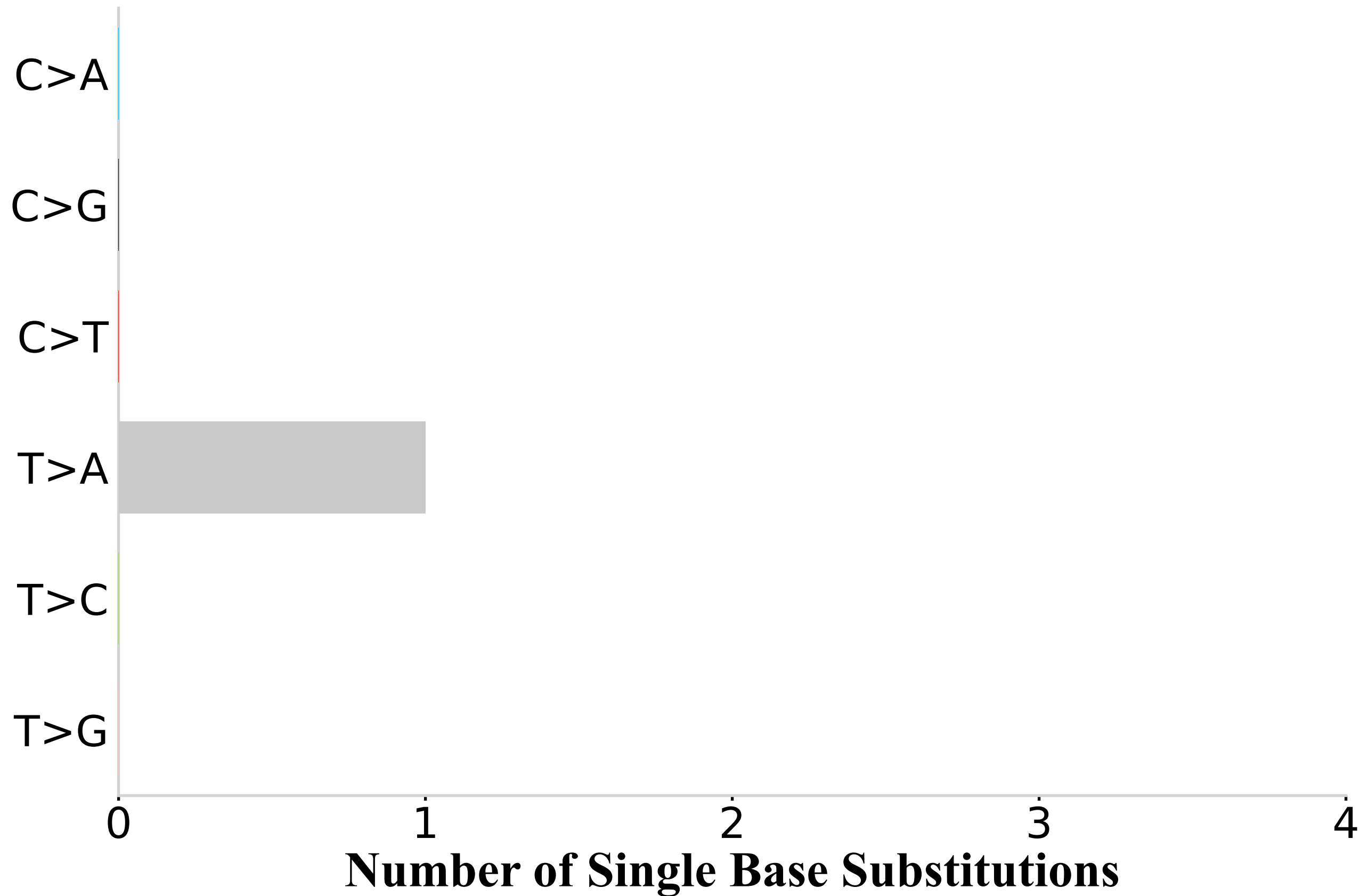
P-0004776-T01-IM5: 1 subs



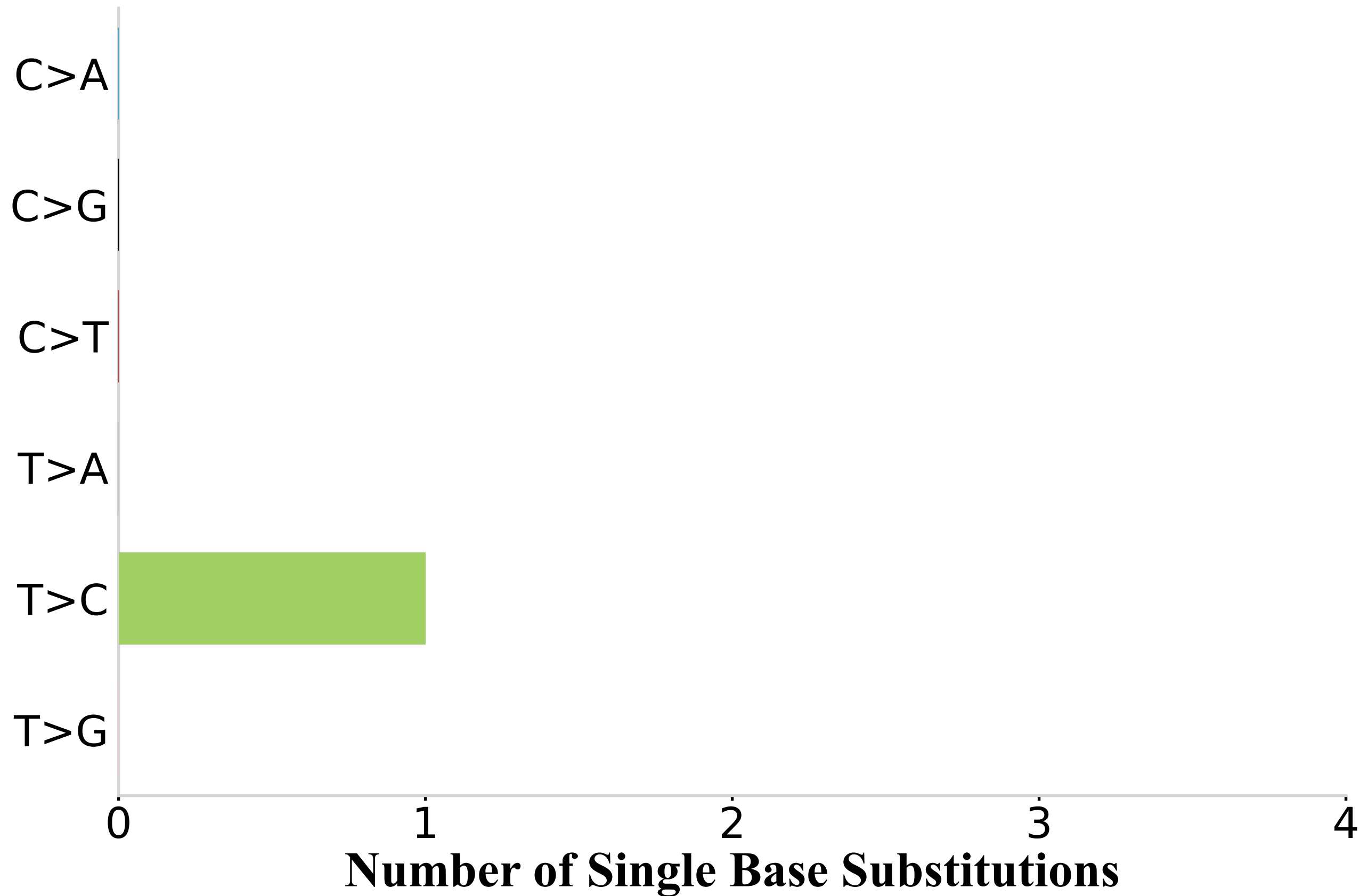
P-0004784-T01-IM5: 1 subs



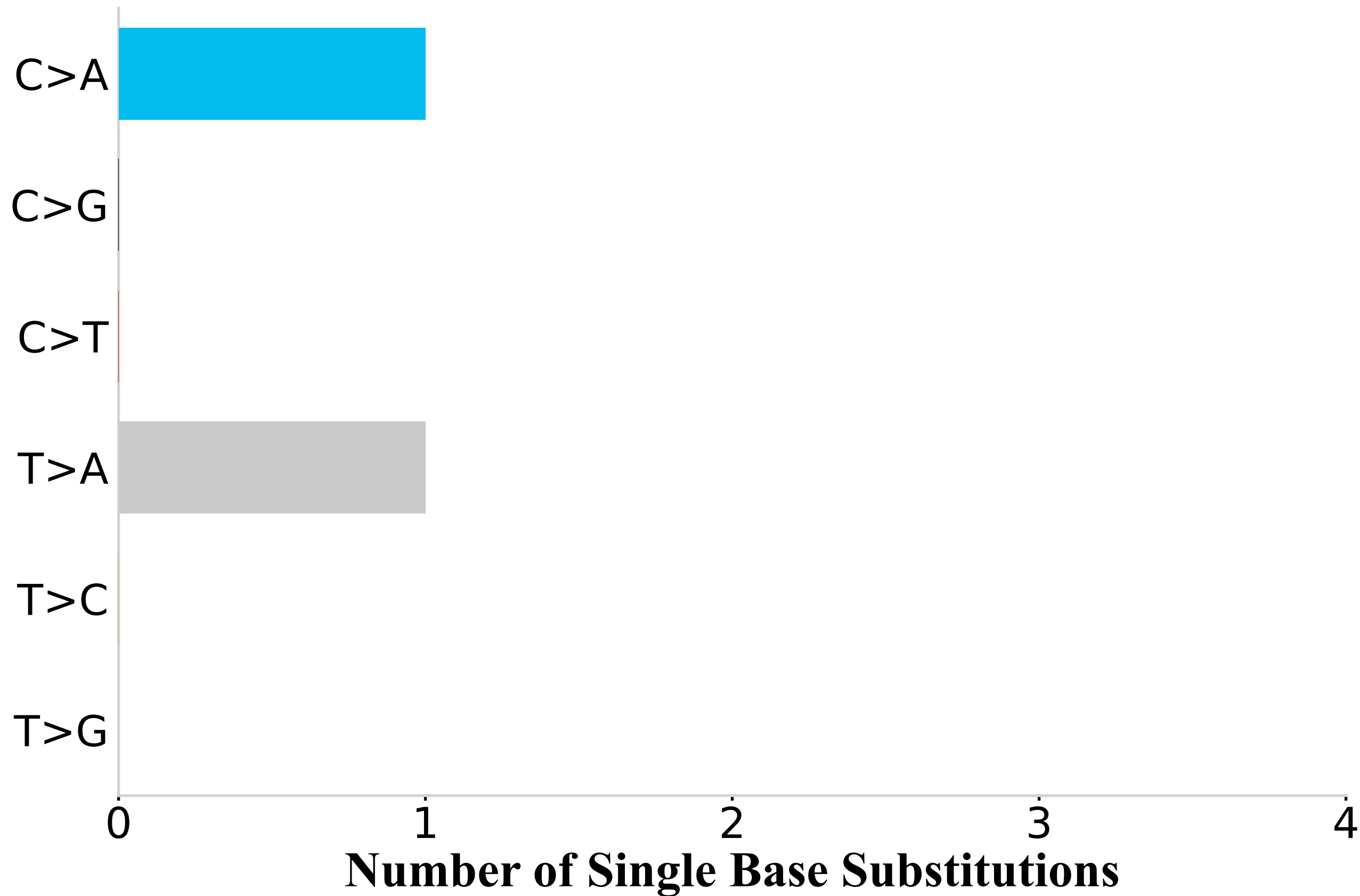
P-0004828-T02-IM5: 1 subs



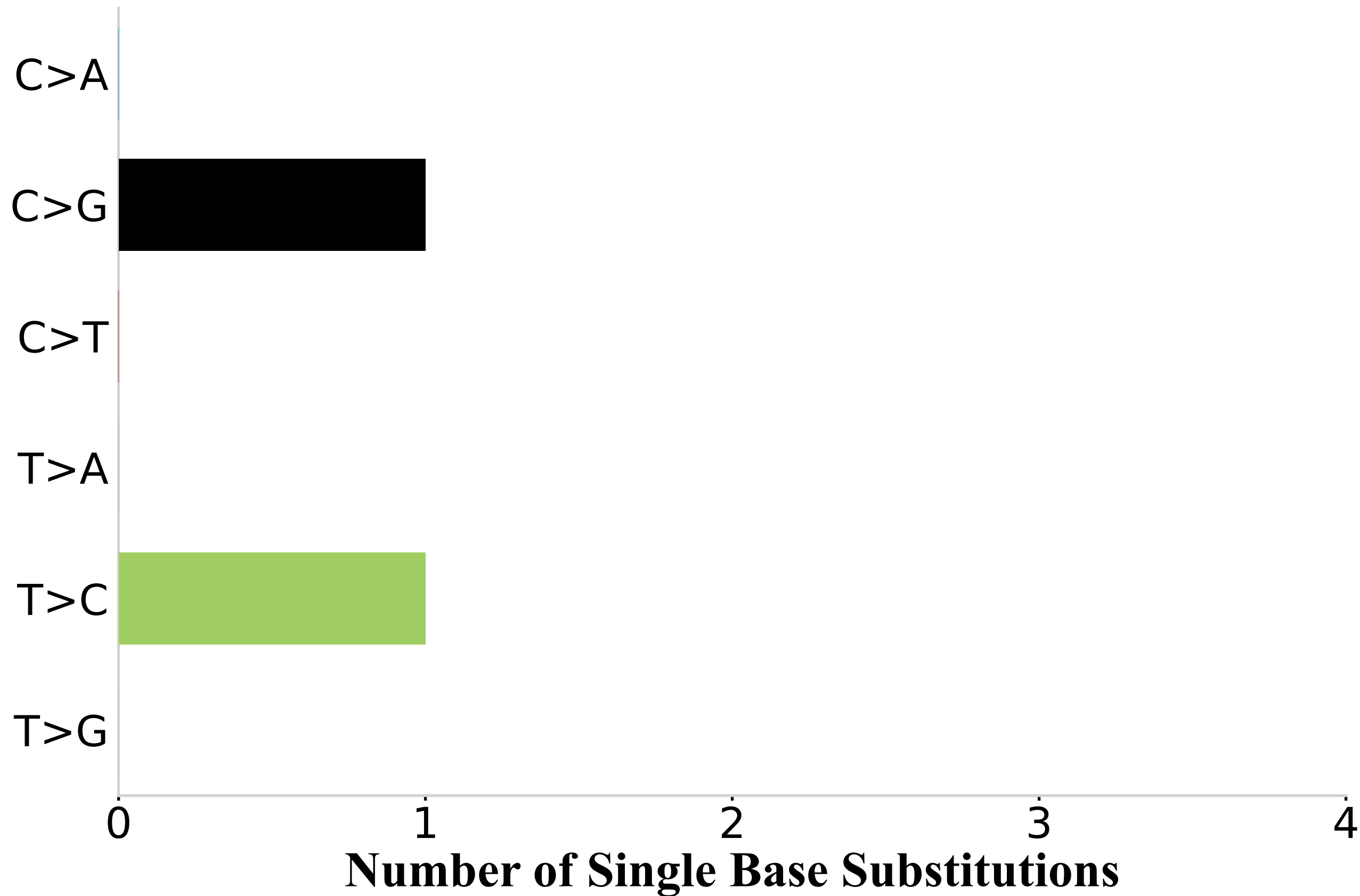
P-0004937-T02-IM6: 1 subs



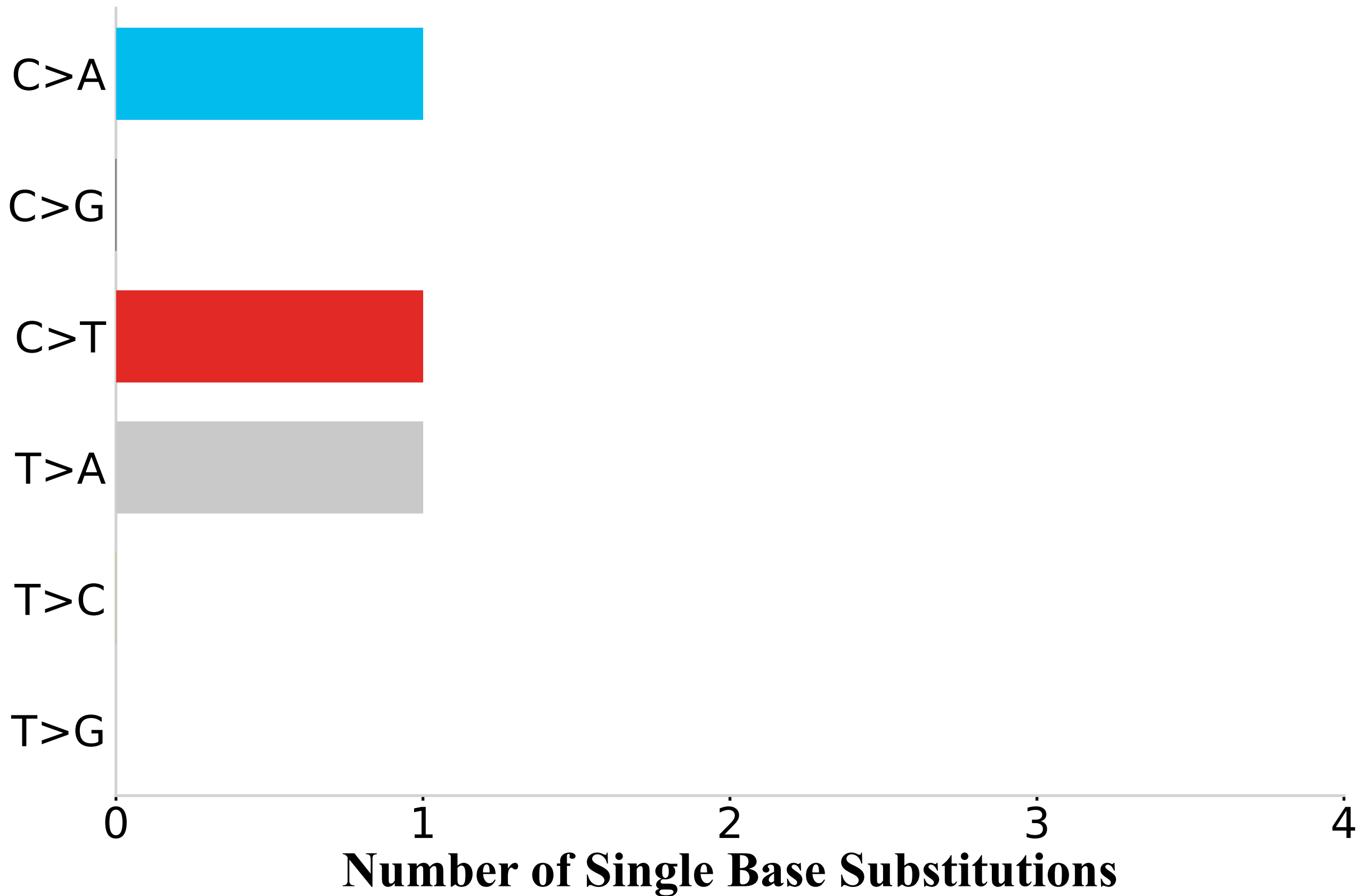
P-0005066-T01-IM5: 2 subs



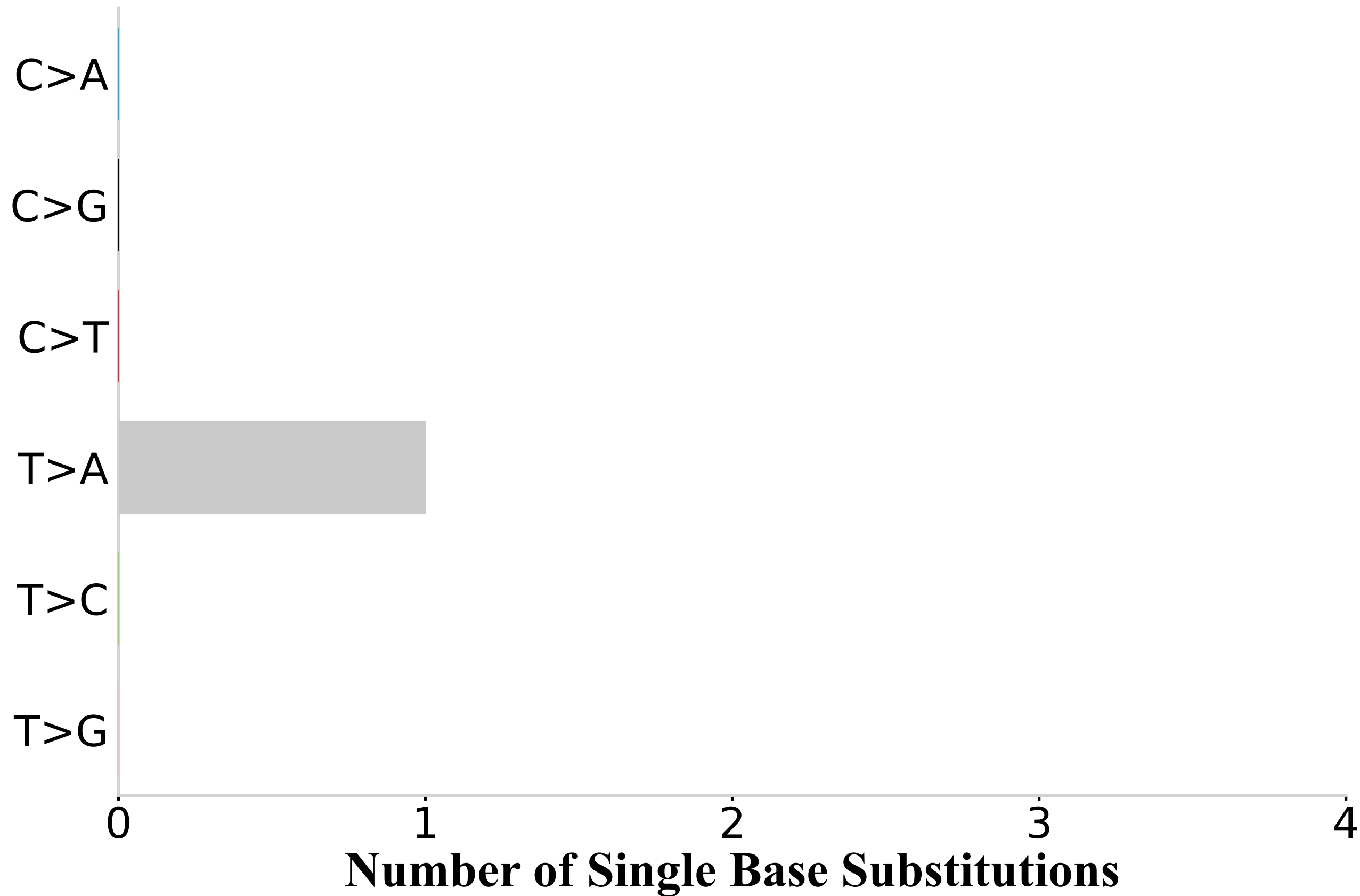
P-0005330-T02-IM5: 2 subs



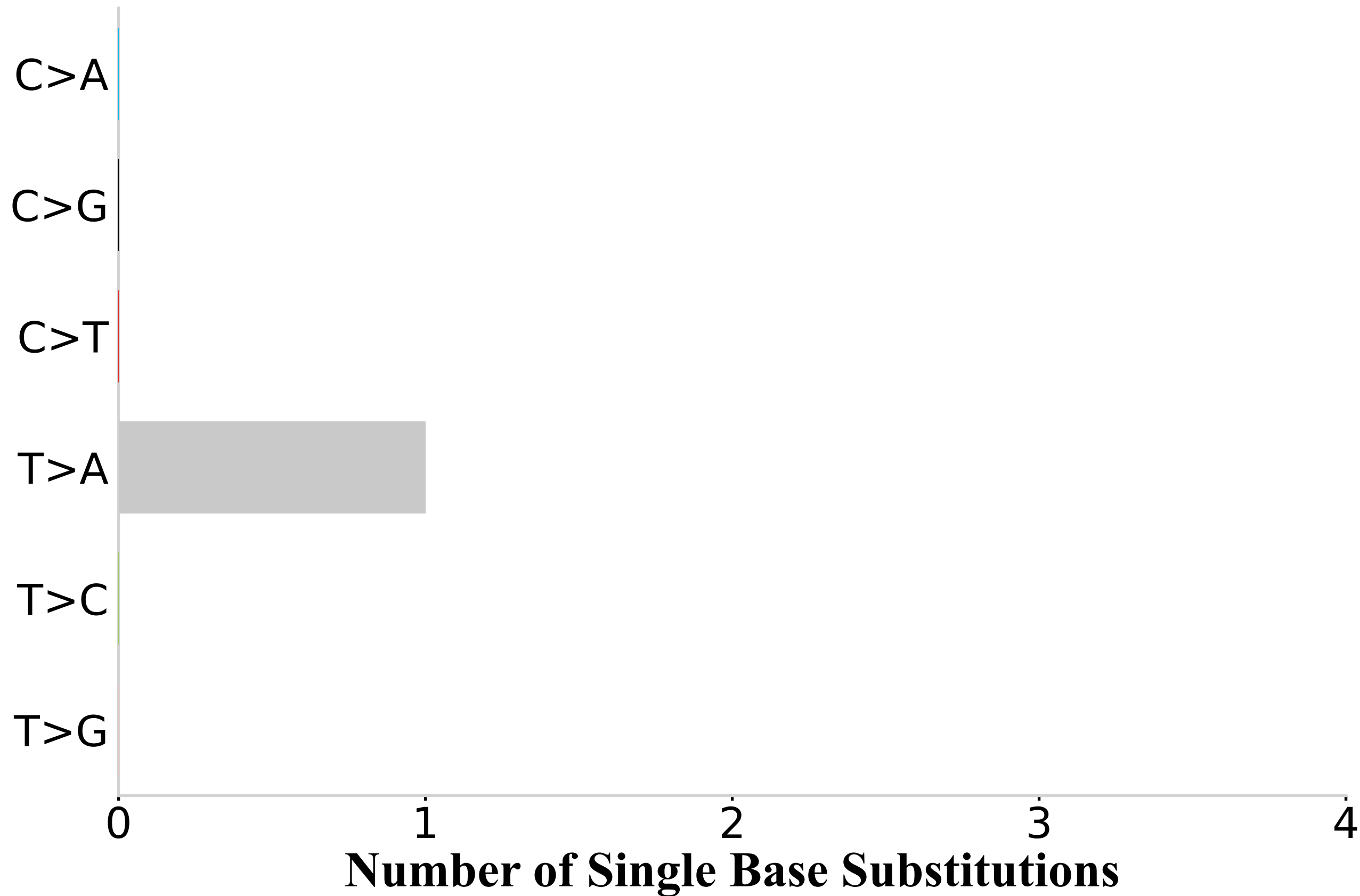
P-0005379-T01-IM5: 3 subs



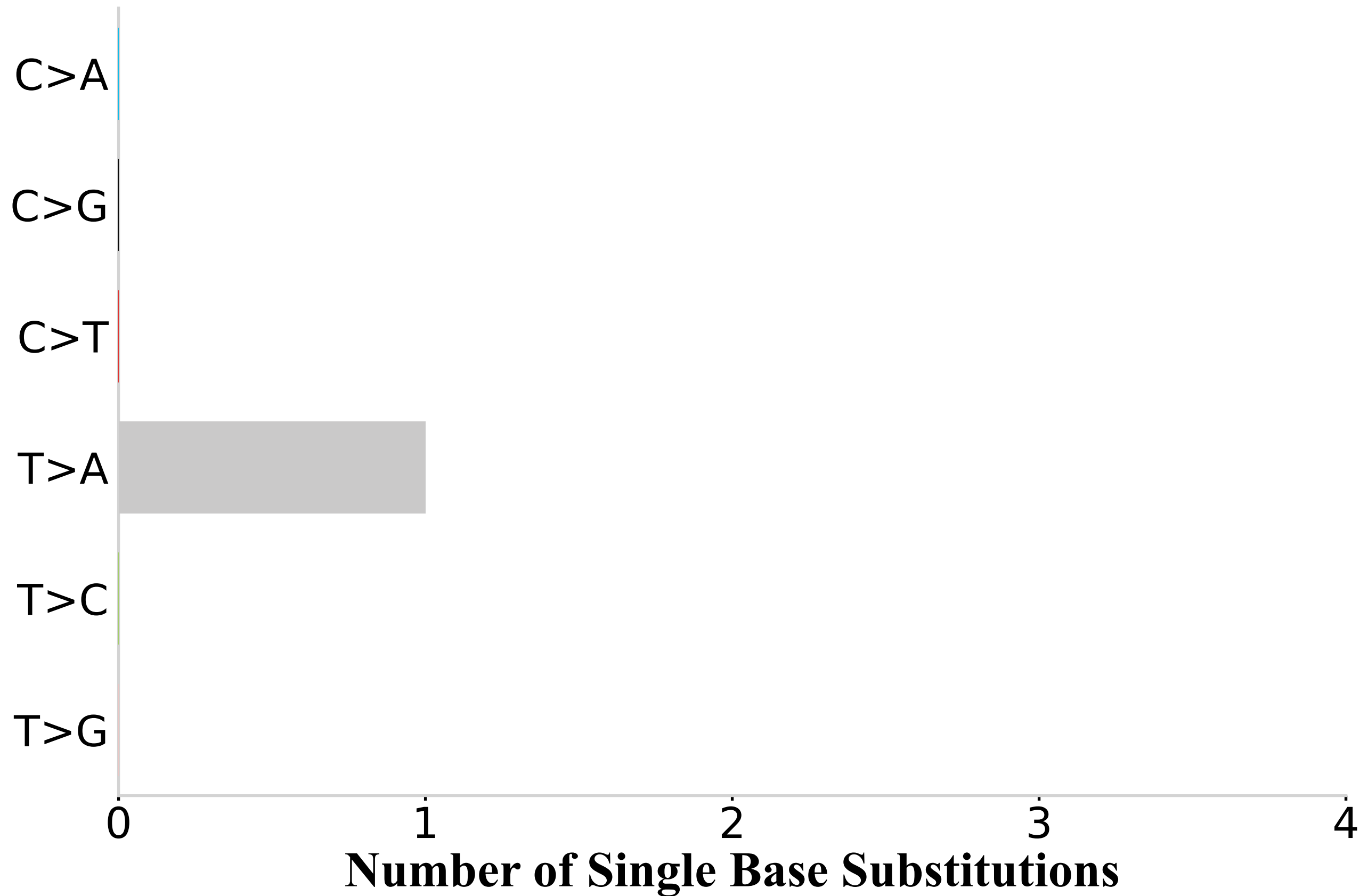
P-0005481-T01-IM5: 1 subs



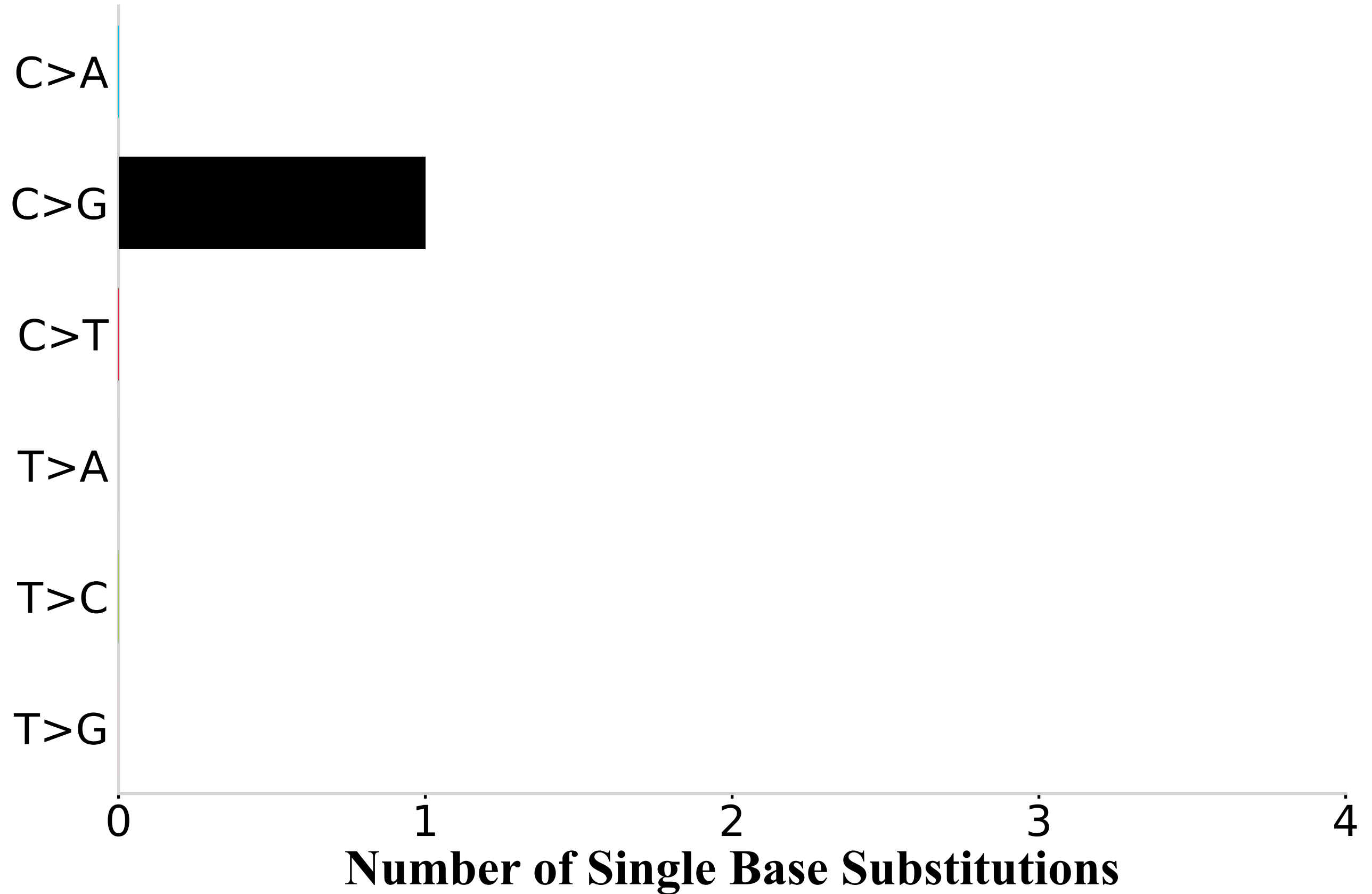
P-0005505-T01-IM5: 1 subs



P-0005605-T01-IM5: 1 subs



P-0005626-T02-IM5: 1 subs



P-0005737-T02-IM5: 1 subs



P-0005780-T01-IM5: 0 subs

C>A

C>G

C>T

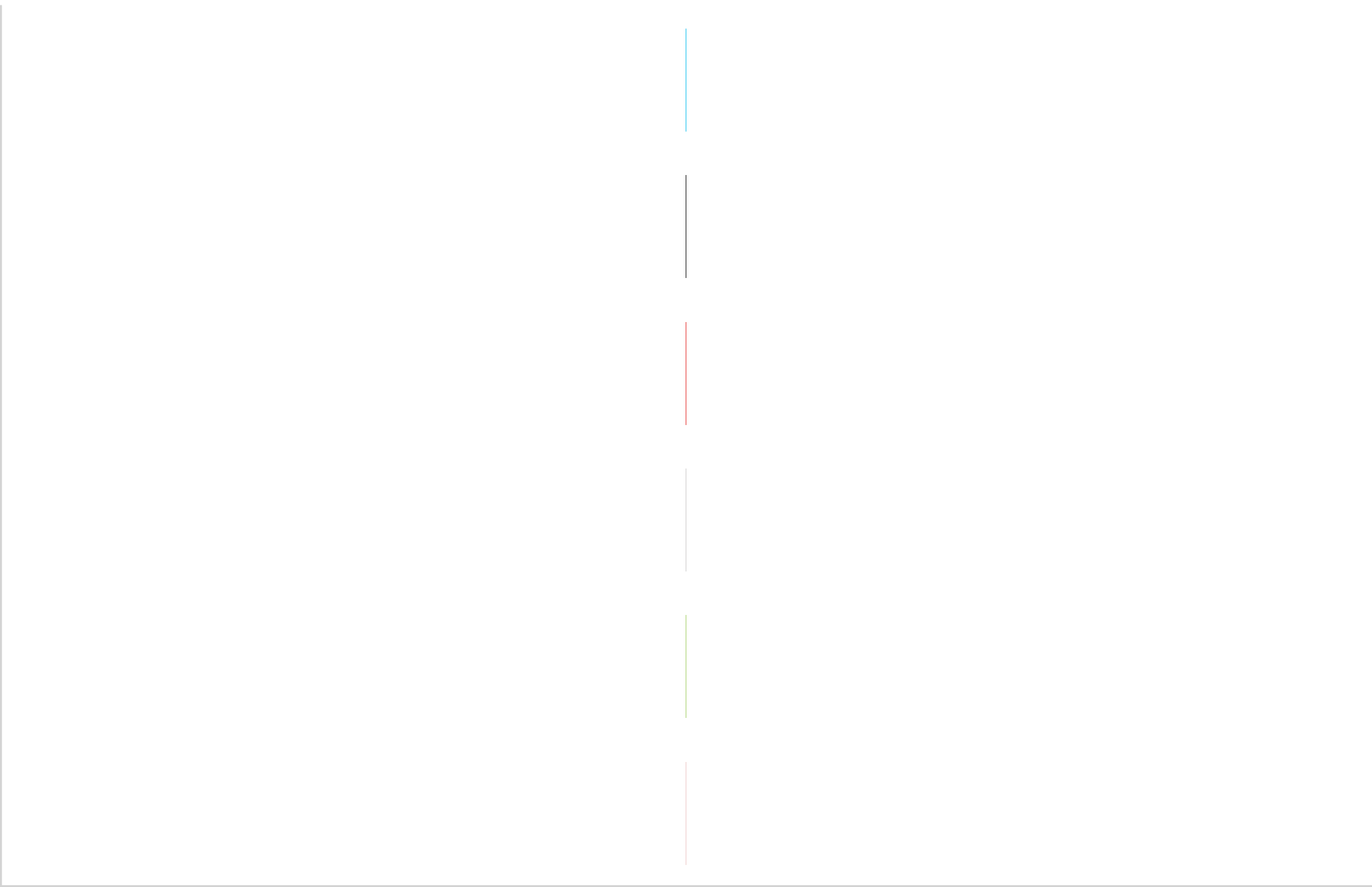
T>A

T>C

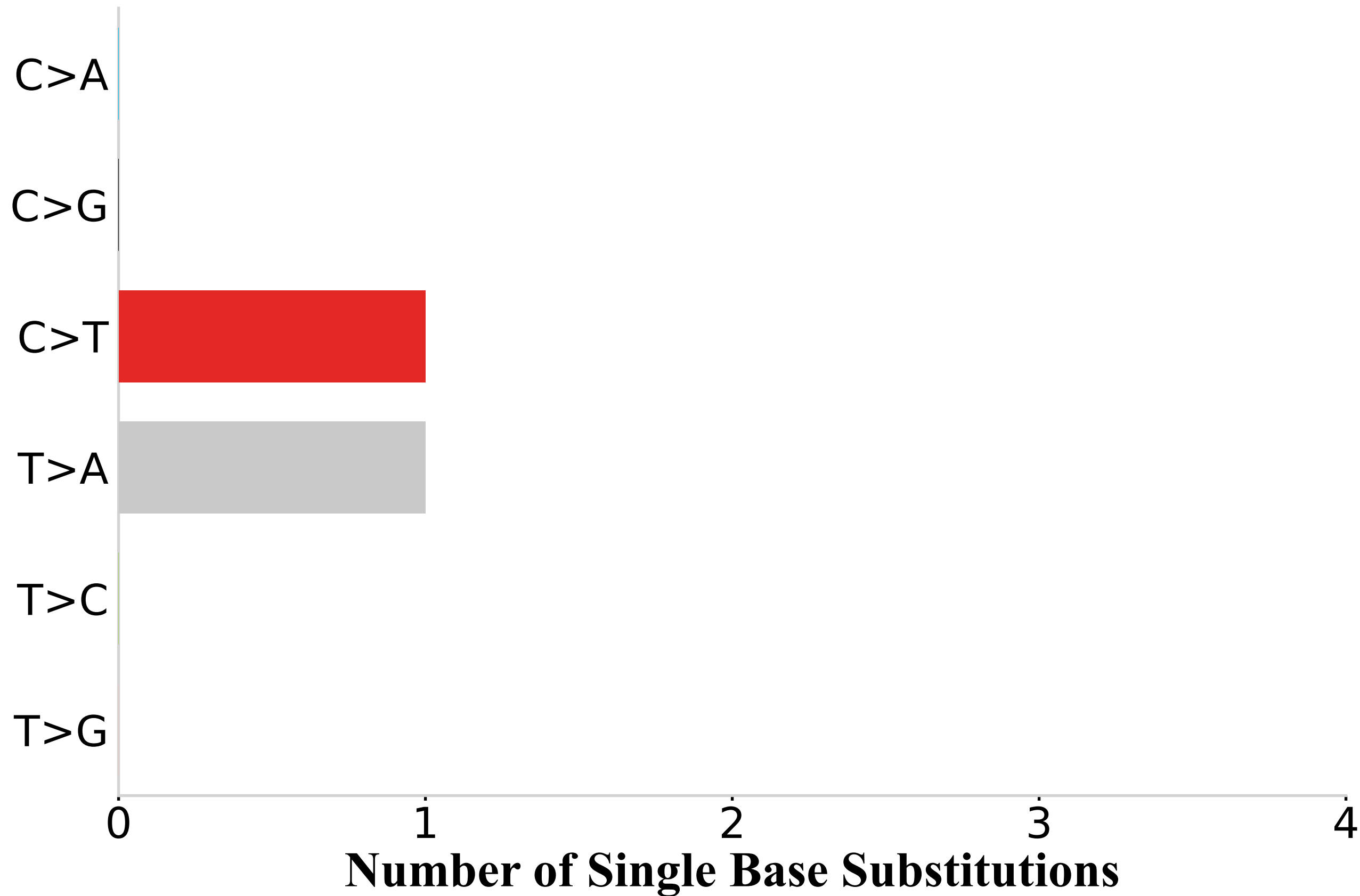
T>G

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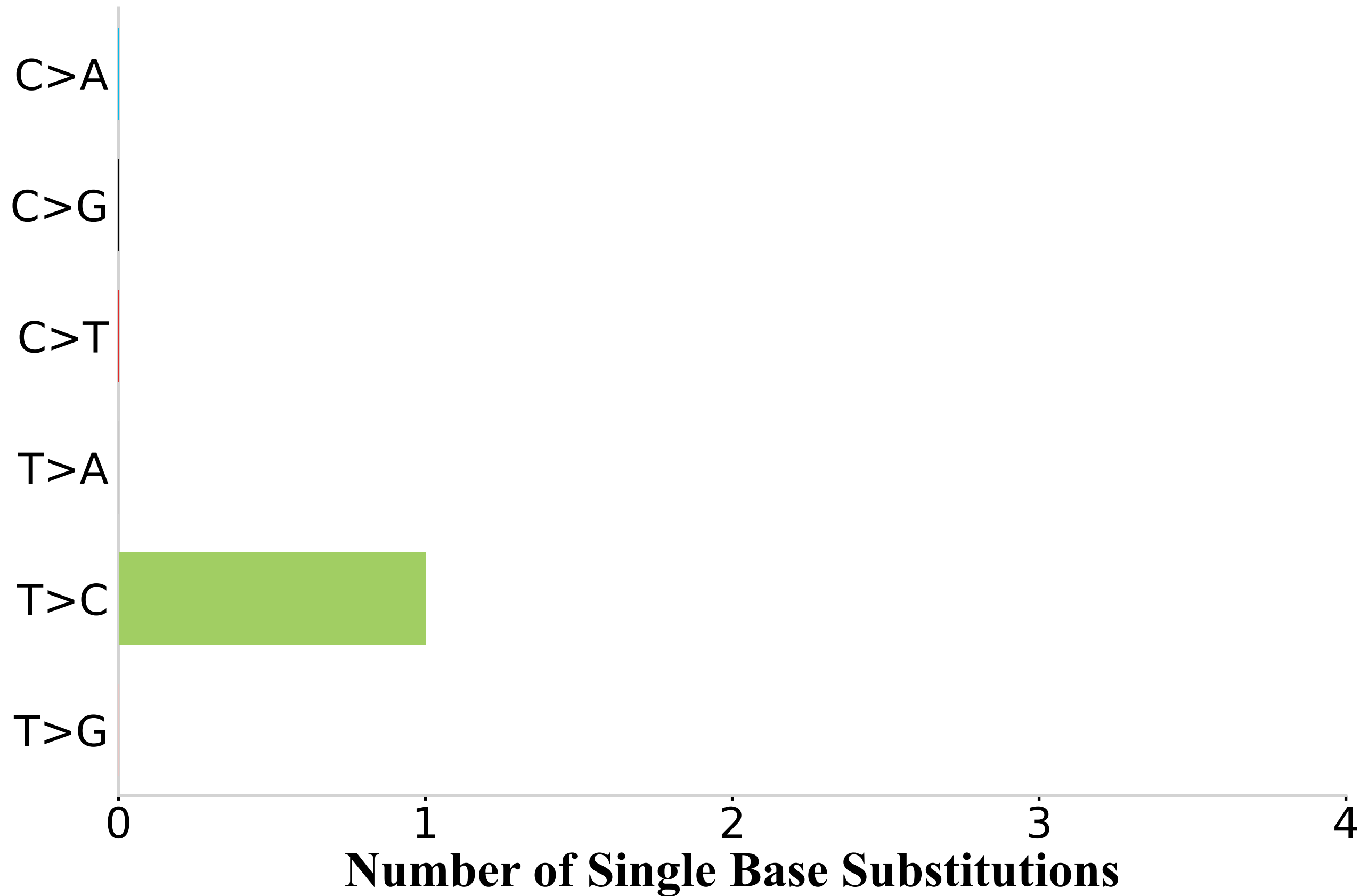
Number of Single Base Substitutions



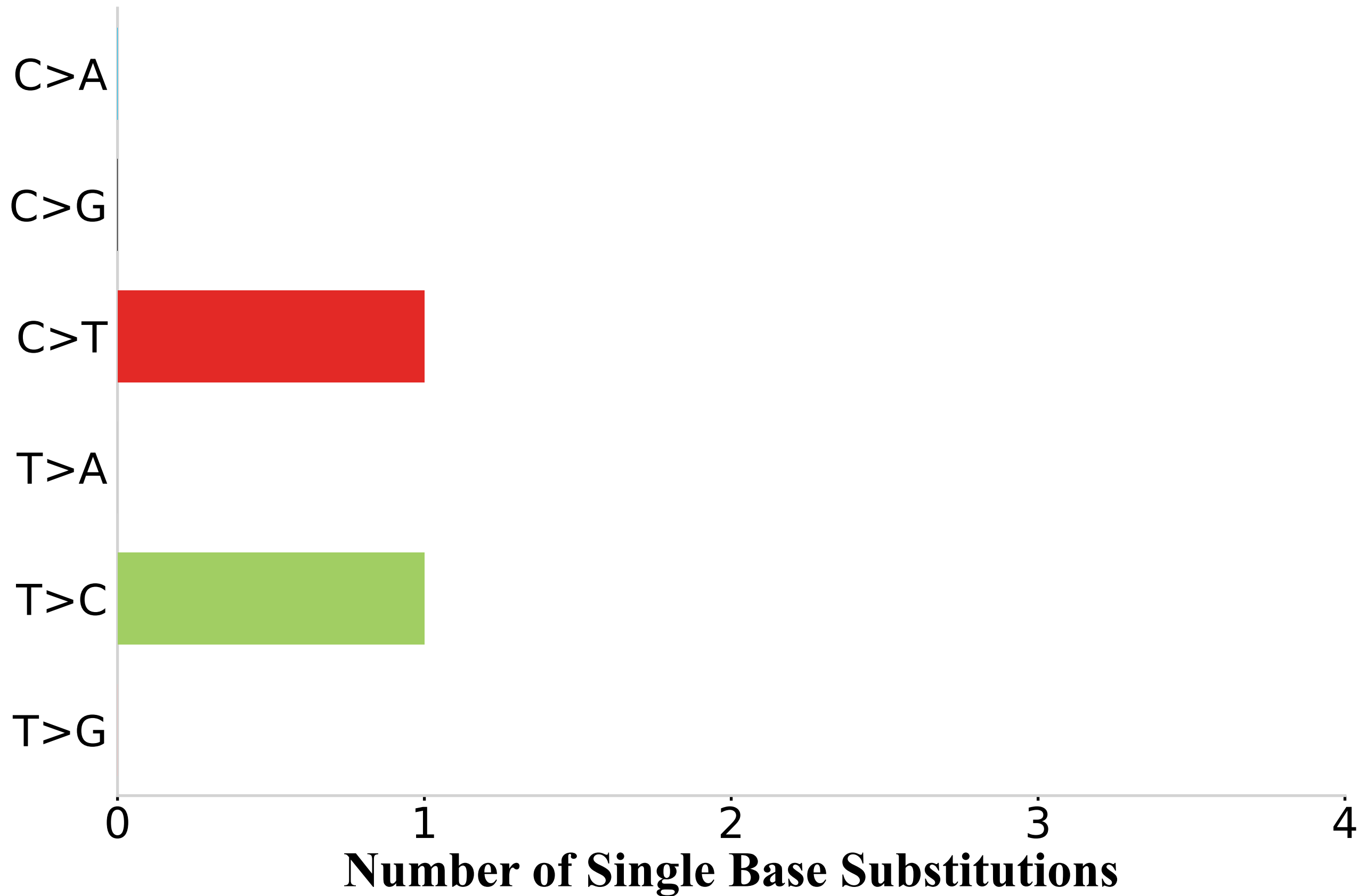
P-0005891-T01-IM5: 2 subs



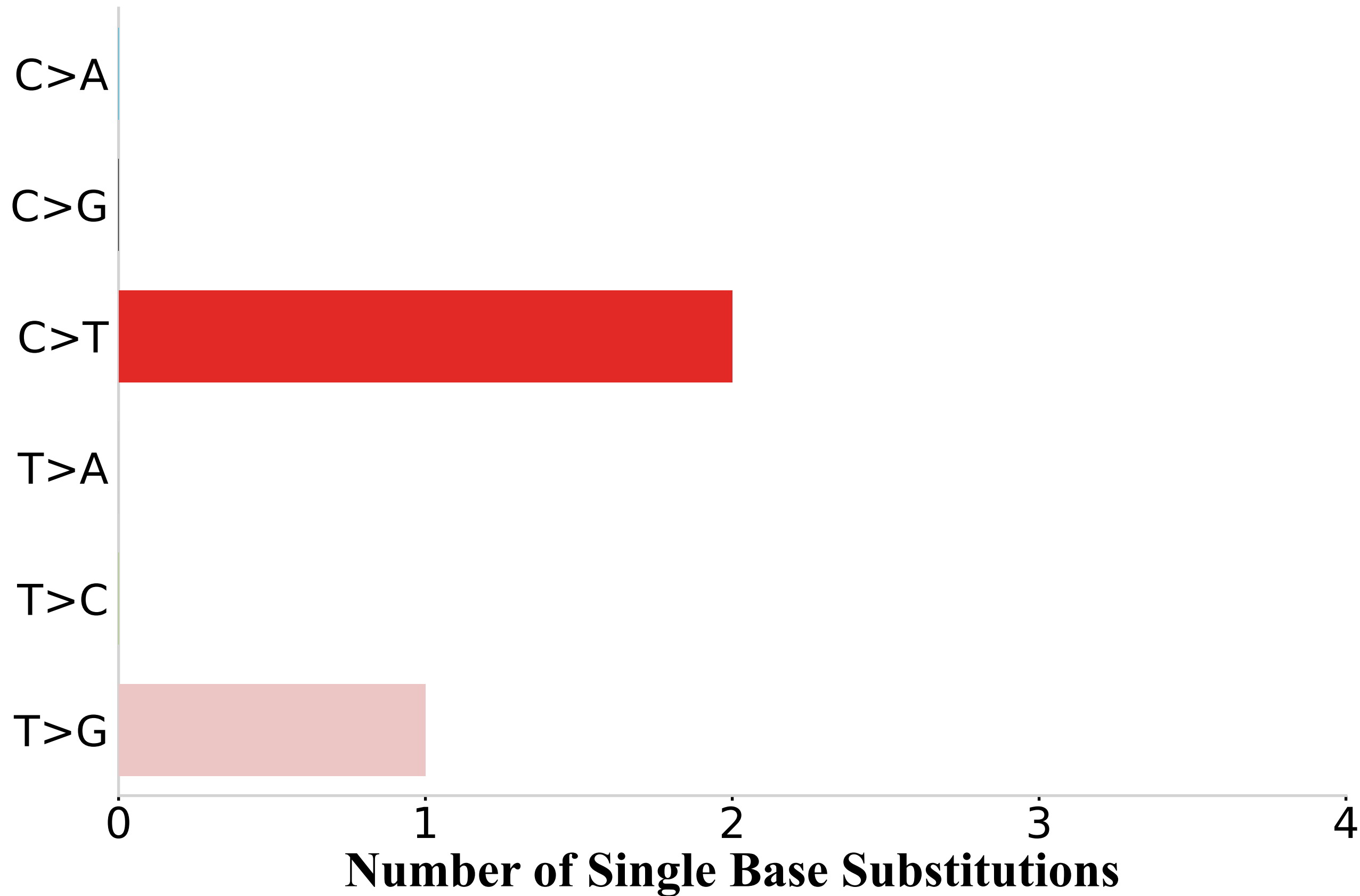
P-0005923-T01-IM5: 1 subs



P-0005986-T01-IM5: 2 subs



P-0006104-T01-IM5: 3 subs



P-0006120-T01-IM5: 0 subs

C>A

C>G

C>T

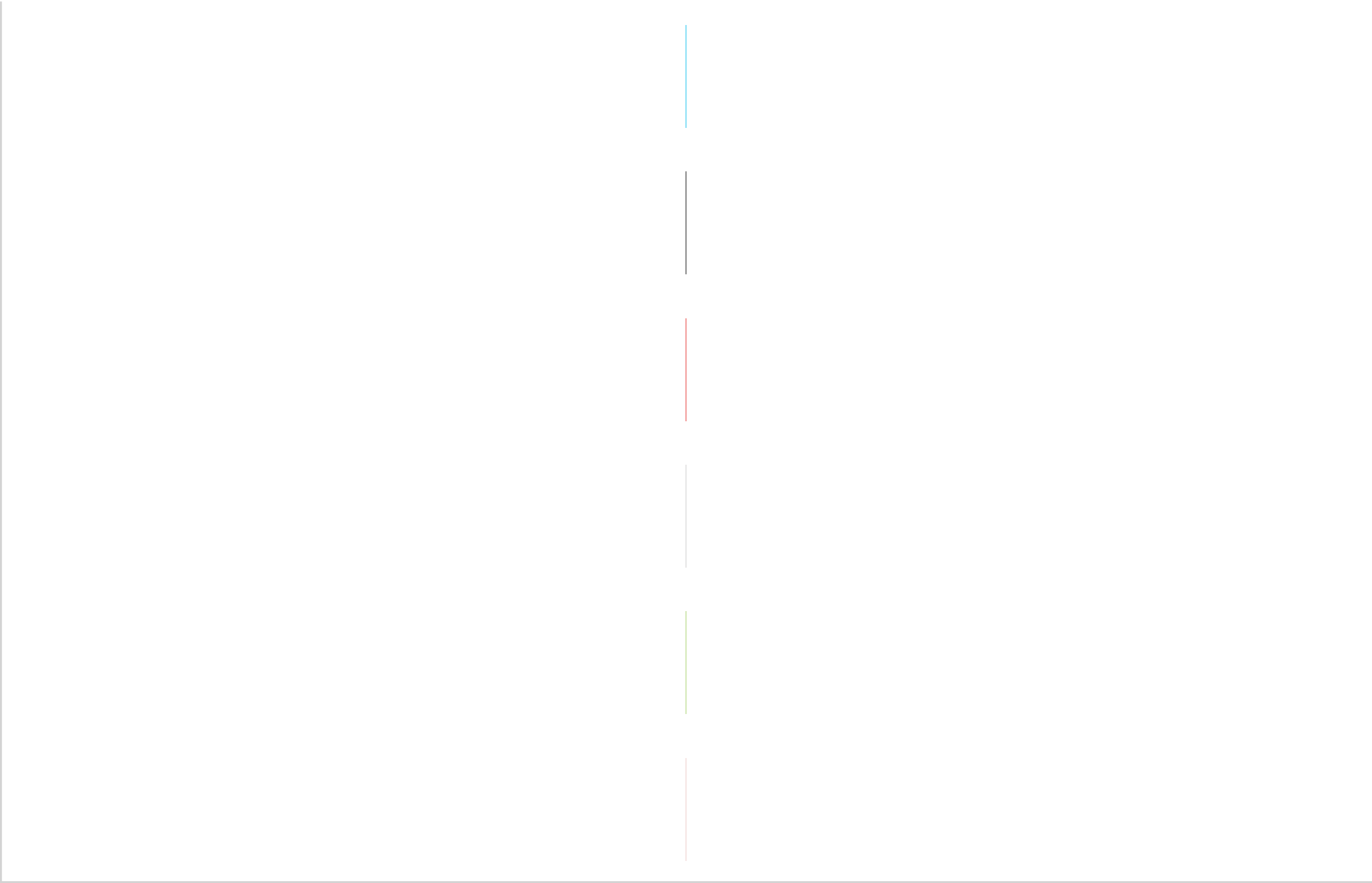
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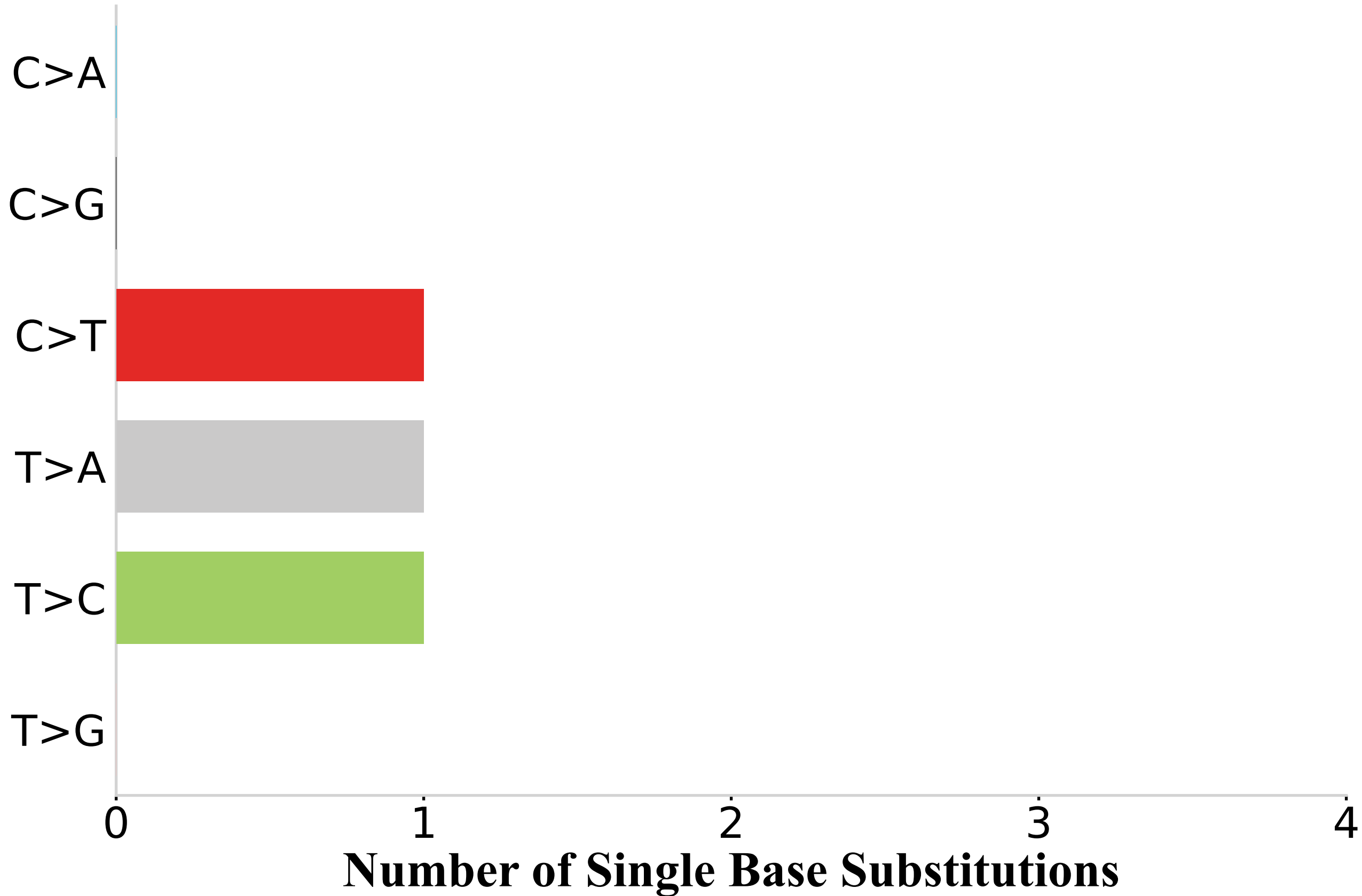
T>G

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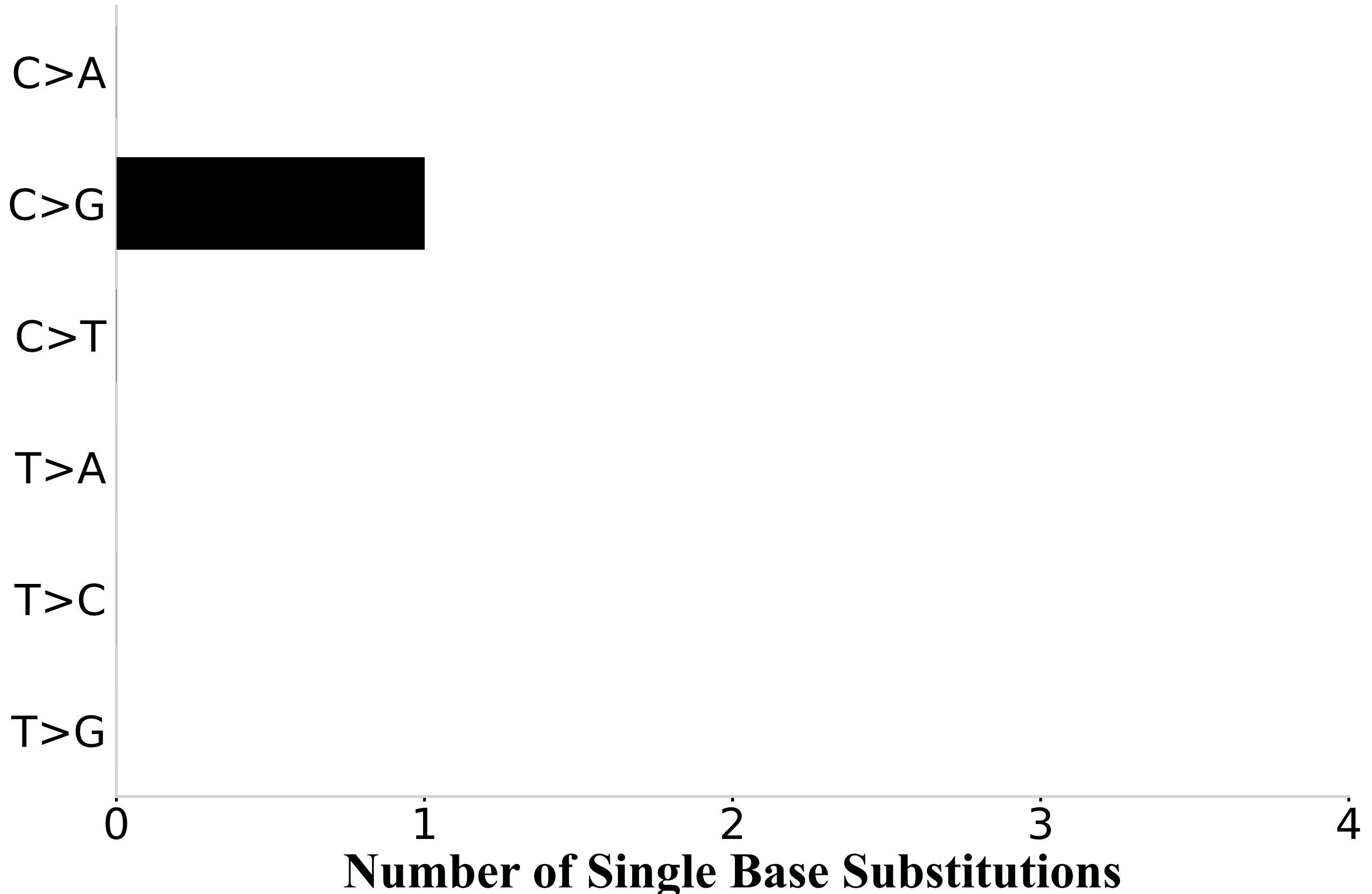
Number of Single Base Substitutions



P-0006293-T01-IM5: 3 subs



P-0006295-T01-IM5: 1 subs



P-0006320-T01-IM5: 0 subs

C>A

C>G

C>T

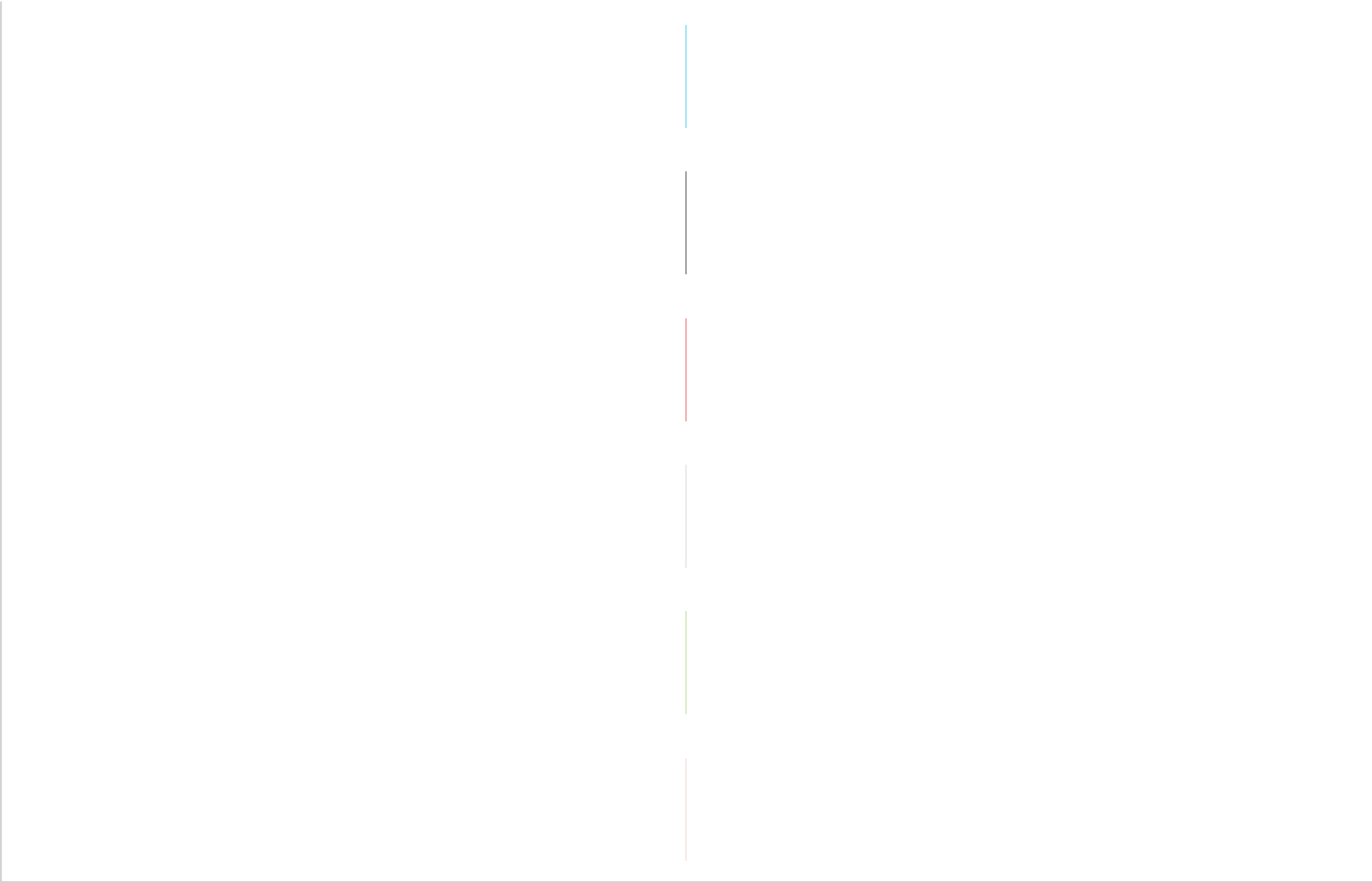
T>A

T>C

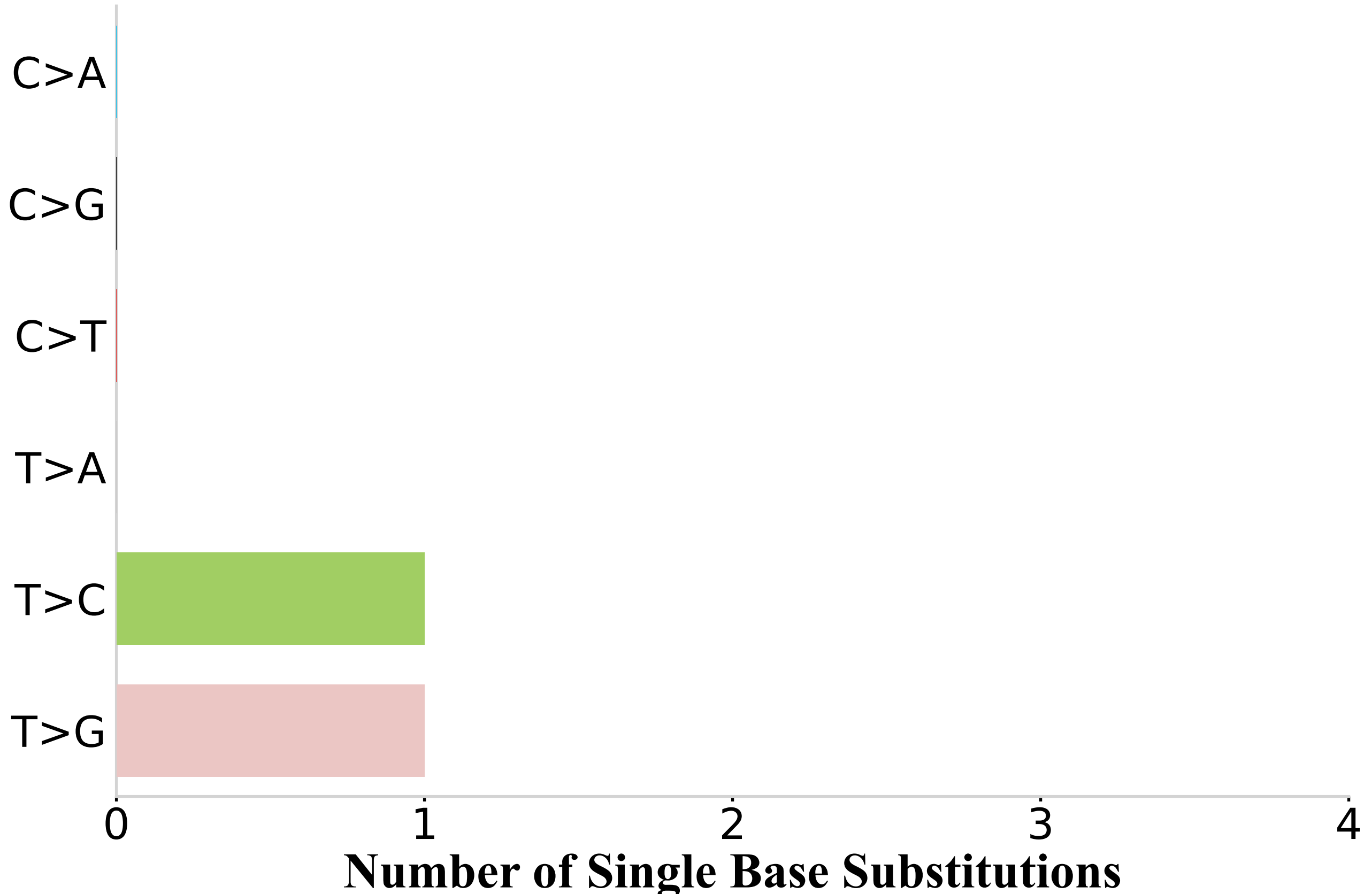
T>G

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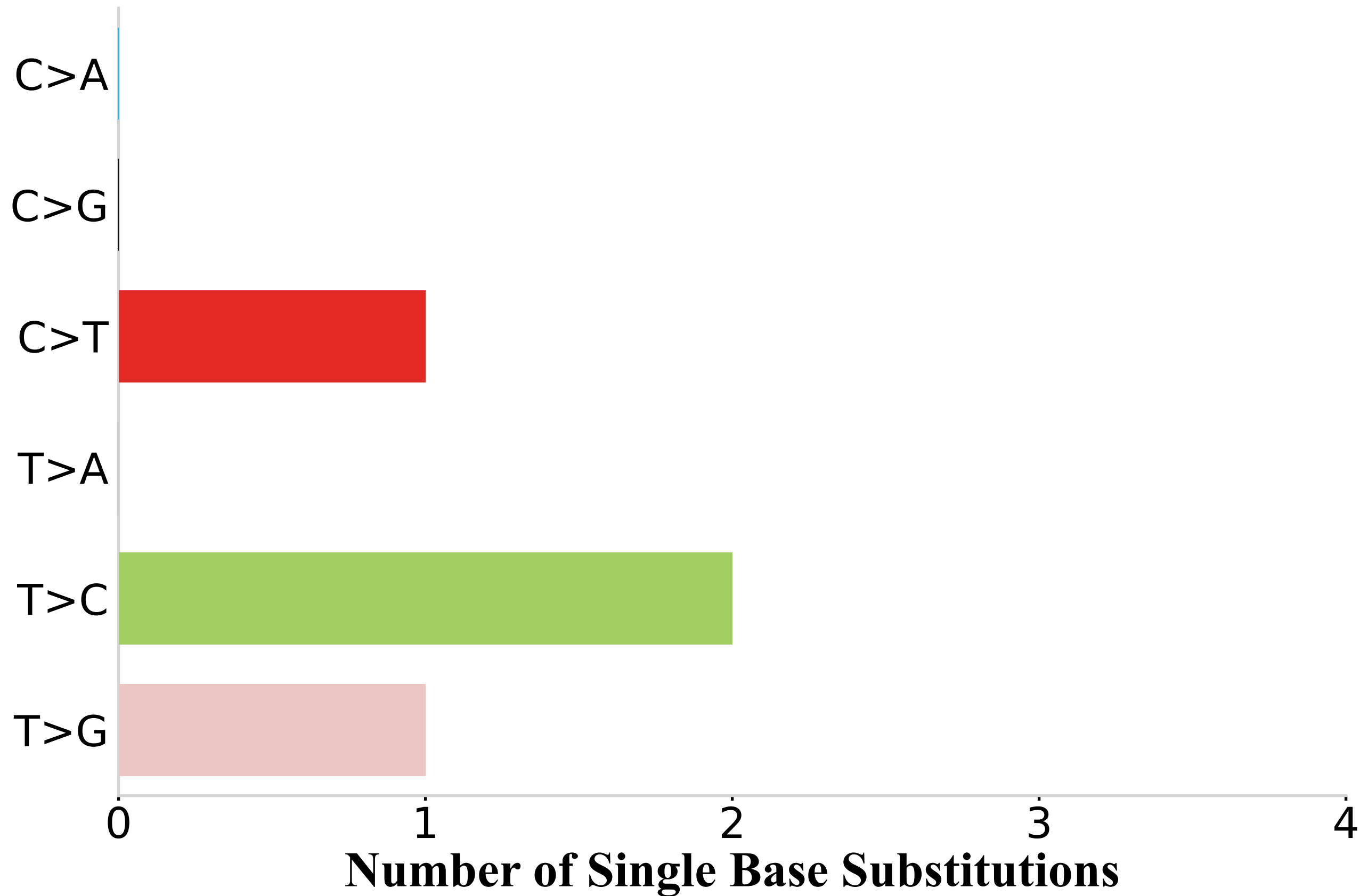
Number of Single Base Substitutions



P-0006473-T01-IM5: 2 subs



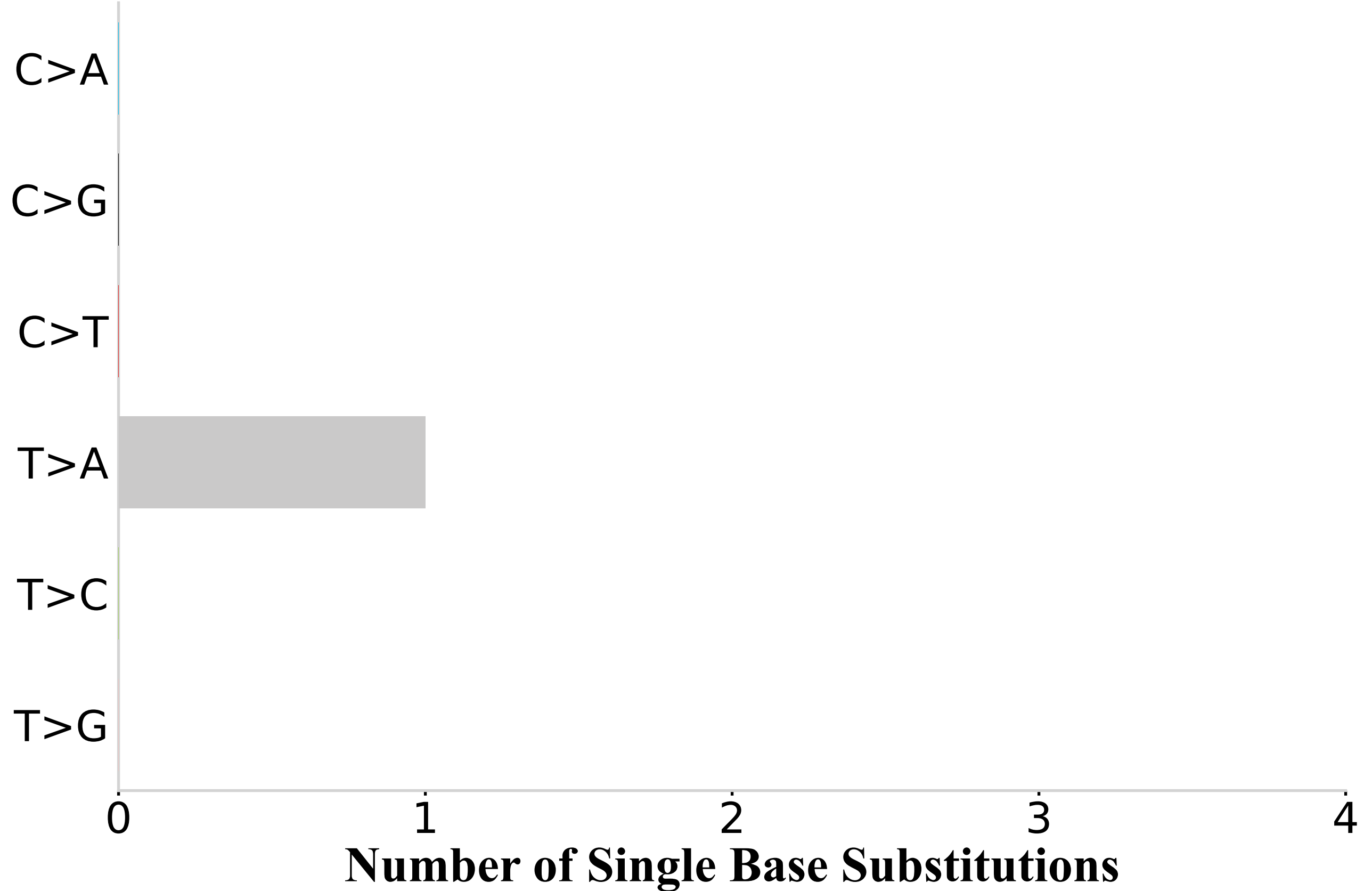
P-0006501-T01-IM5: 4 subs



P-0006638-T01-IM5: 4 subs



P-0006664-T02-IM6: 1 subs



P-0006712-T01-IM5: 0 subs

C>A

C>G

C>T

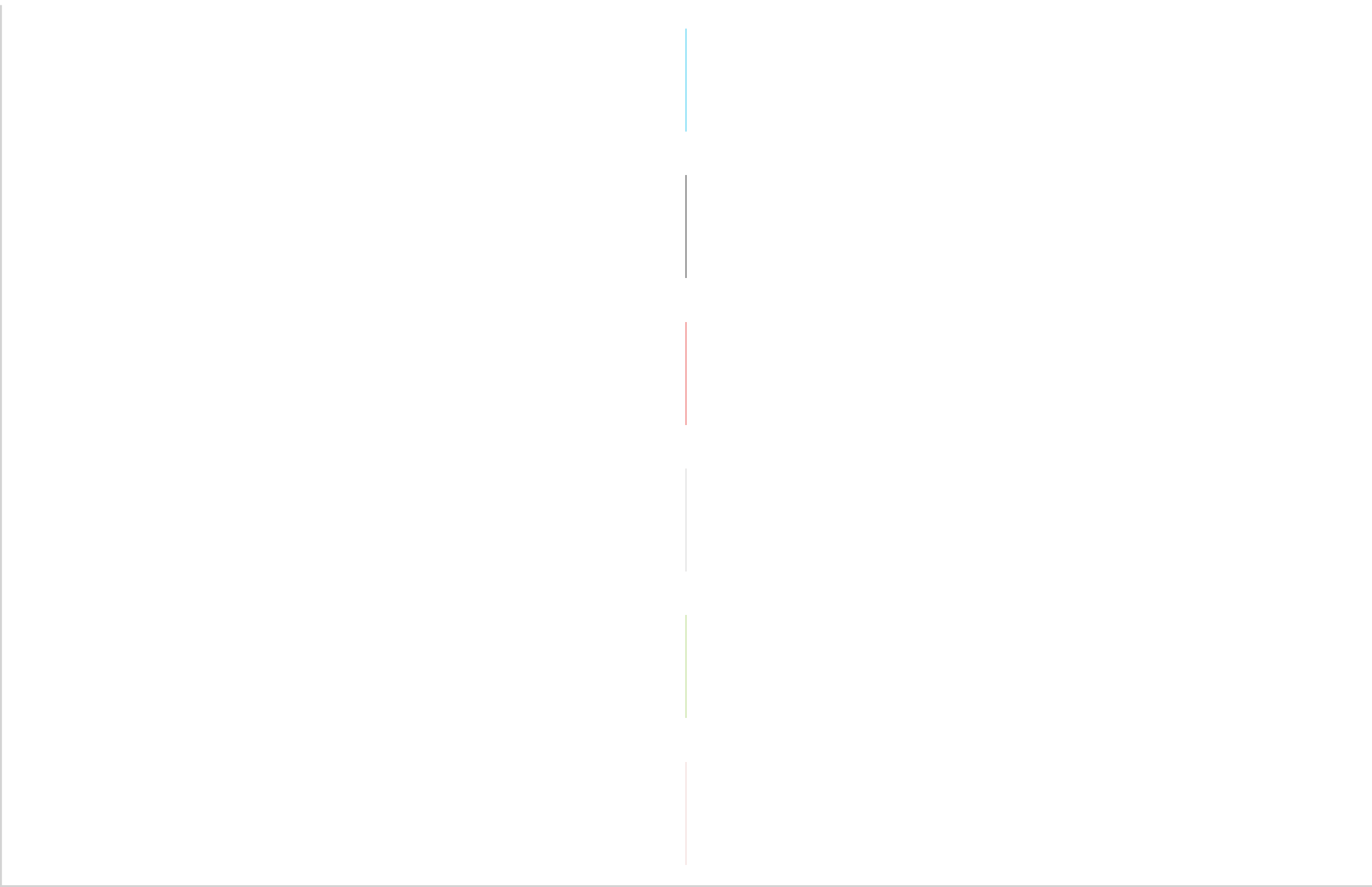
T>A

T>C

T>G

0

Number of Single Base Substitutions



P-0006755-T01-IM5: 0 subs

C>A

C>G

C>T

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T>G

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Number of Single Base Substitutions



P-0006875-T01-IM5: 0 subs

C>A

C>G

C>T

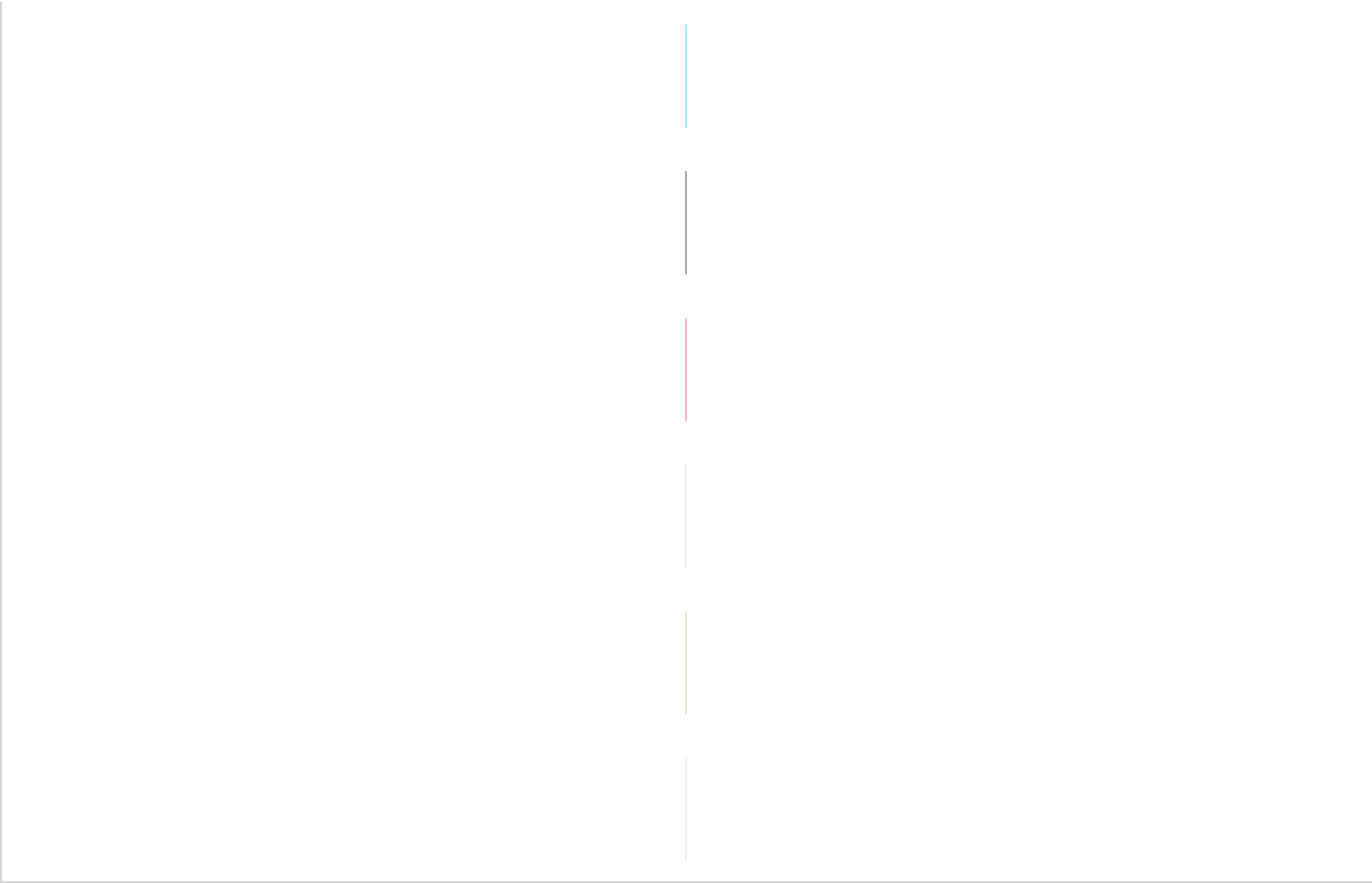
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T>C

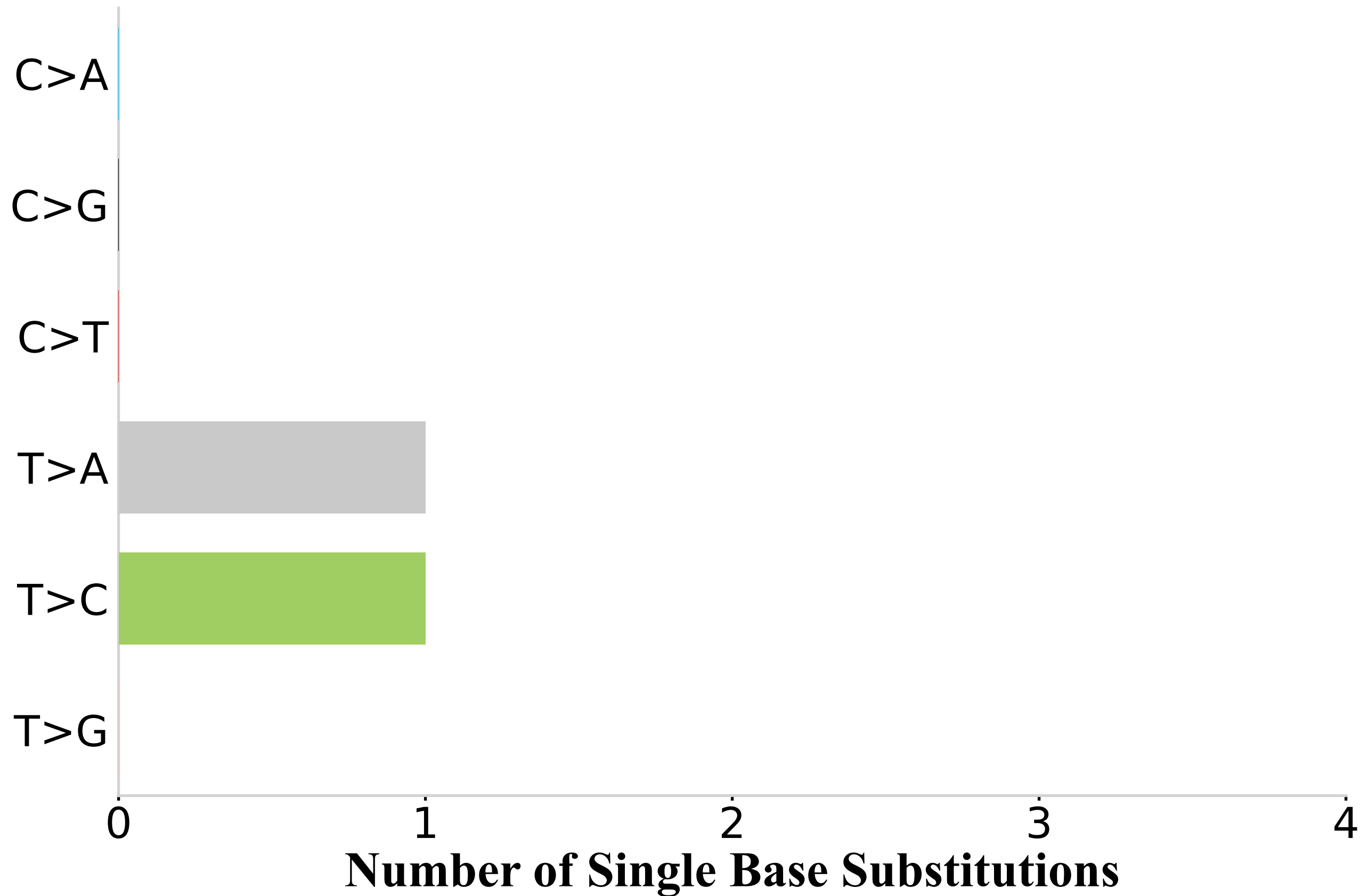
T>G

0

Number of Single Base Substitutions



P-0006901-T01-IM5: 2 subs



P-0006932-T01-IM5: 1 subs



P-0007230-T01-IM5: 0 subs

C>A

C>G

C>T

T>A

T>C

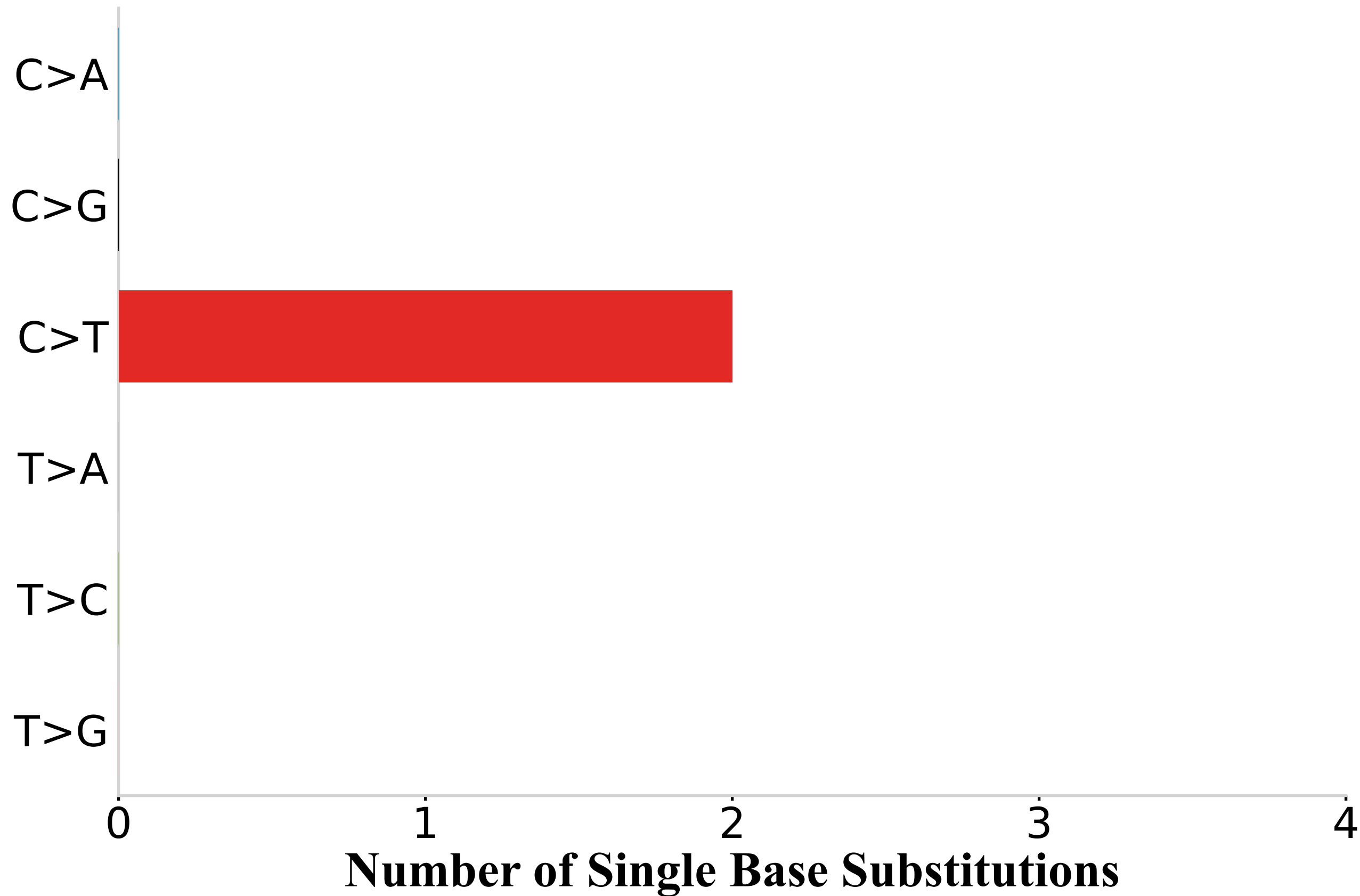
T>G

0

Number of Single Base Substitutions



P-0007268-T02-IM5: 2 subs



P-0007374-T01-IM5: 0 subs

C>A

C>G

C>T

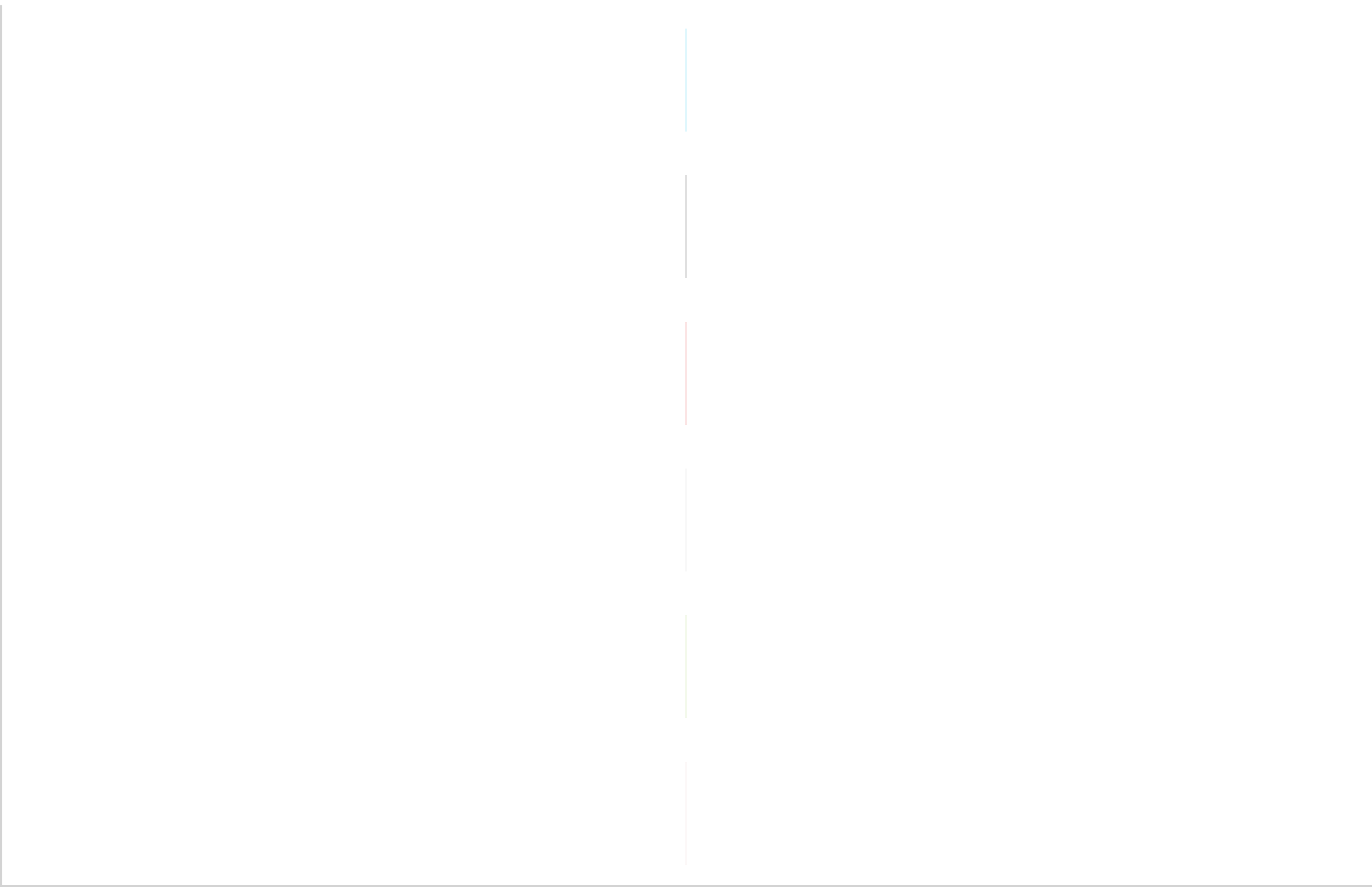
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T>C

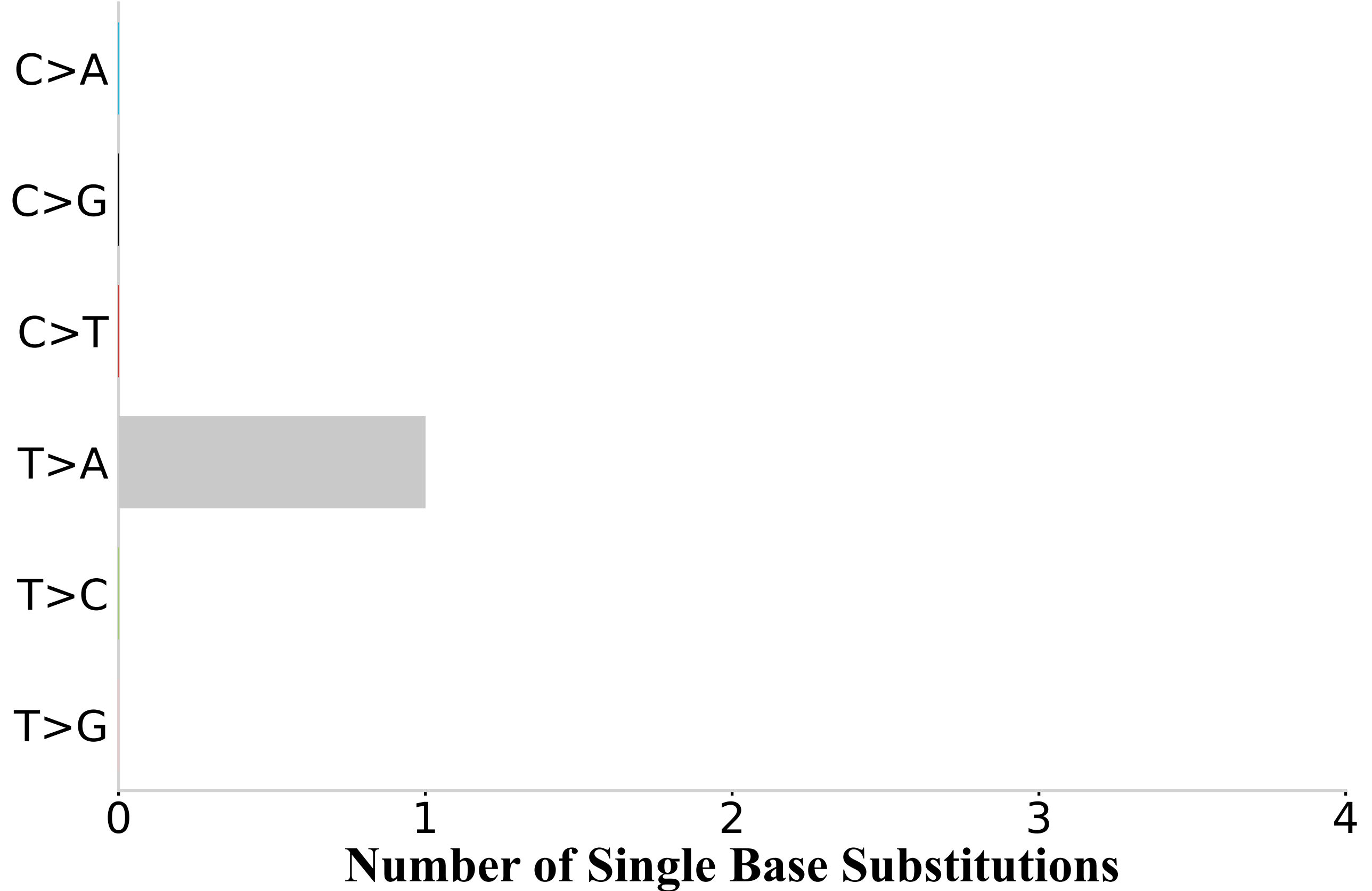
T>G

0

Number of Single Base Substitutions



P-0007501-T01-IM5: 1 subs



P-0007519-T01-IM5: 0 subs

C>A

C>G

C>T

T>A

T>C

T>G

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Number of Single Base Substitutions



P-0007646-T01-IM5: 0 subs

C>A

C>G

C>T

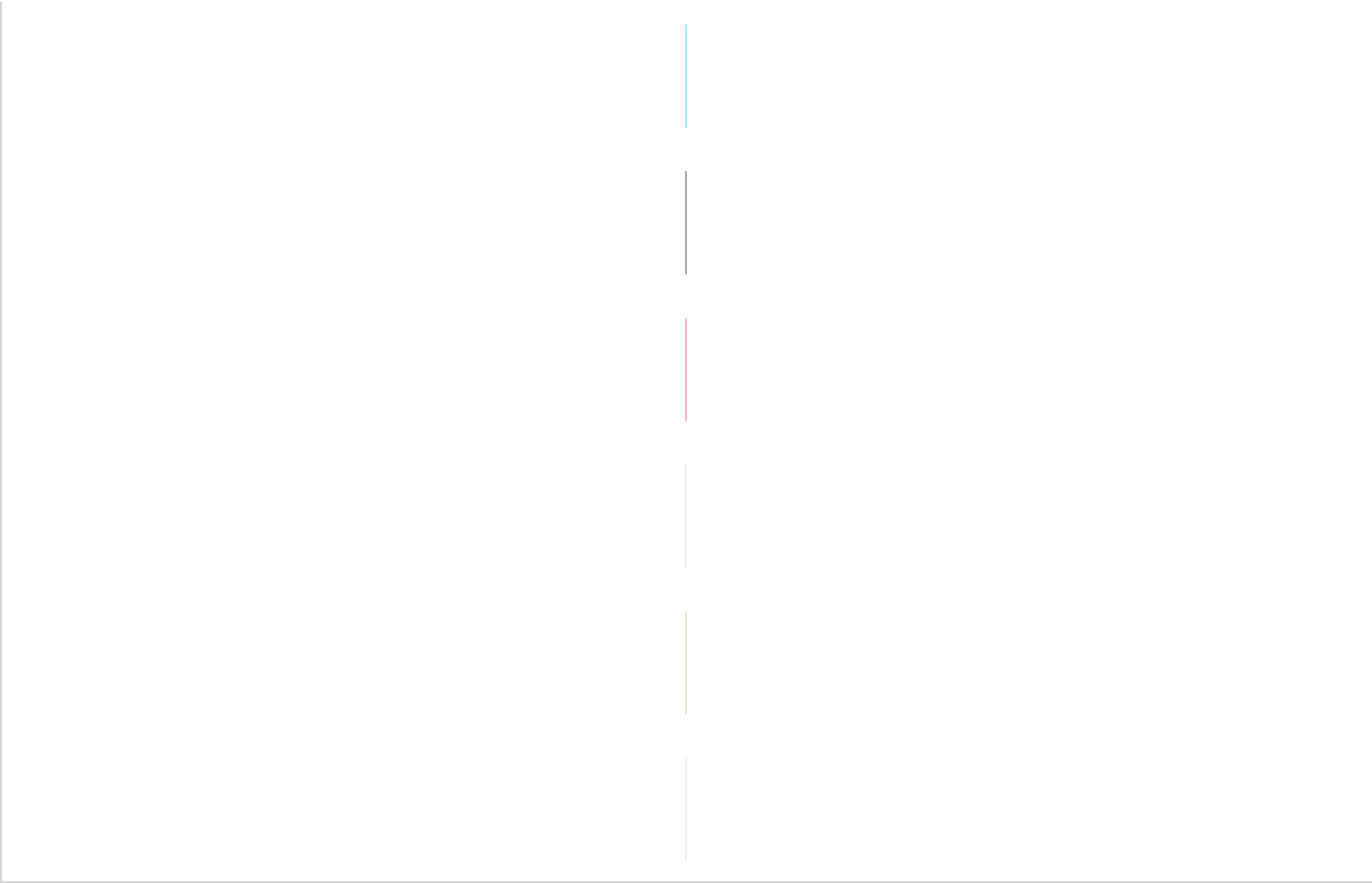
T>A

T>C

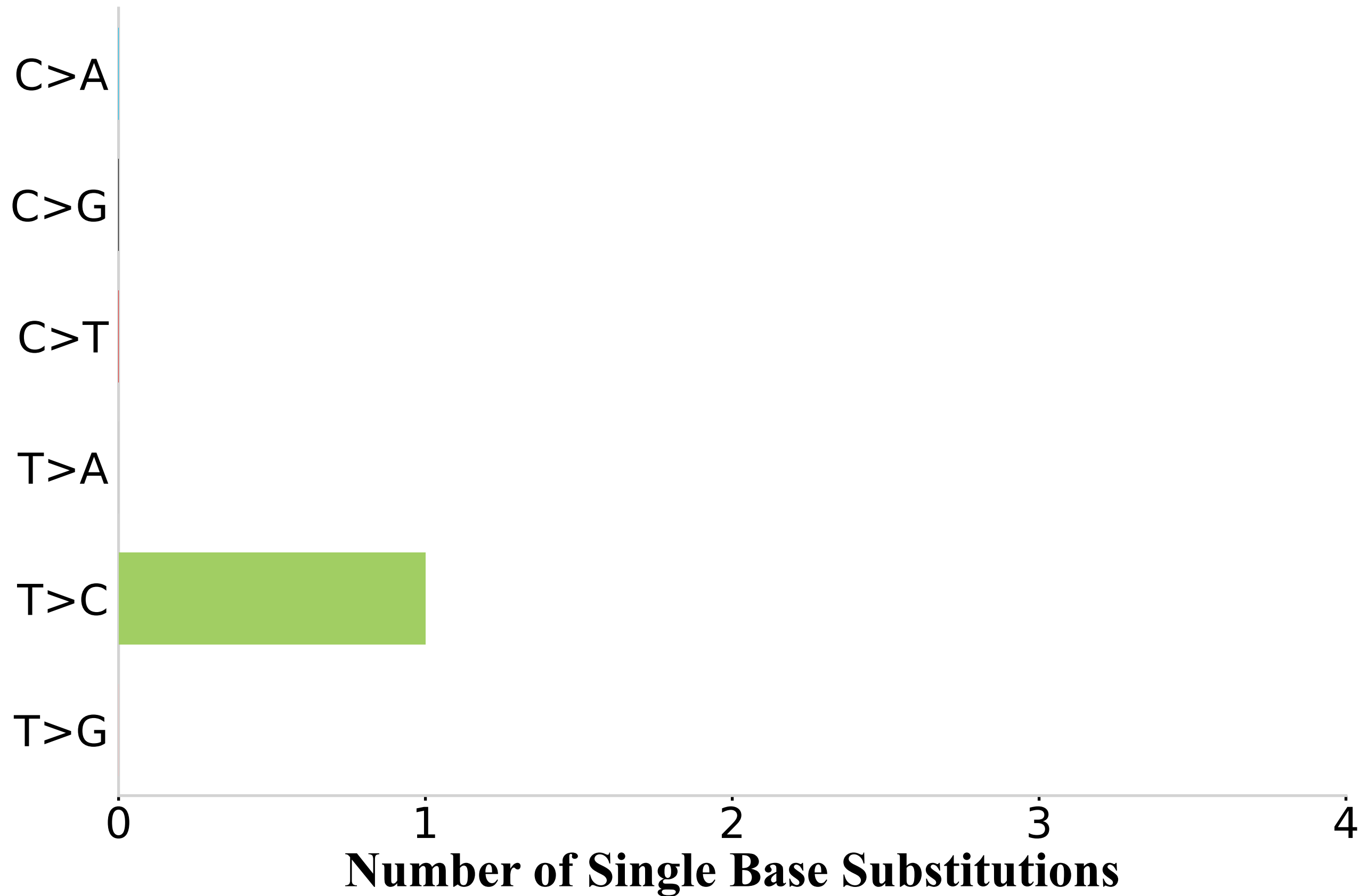
T>G

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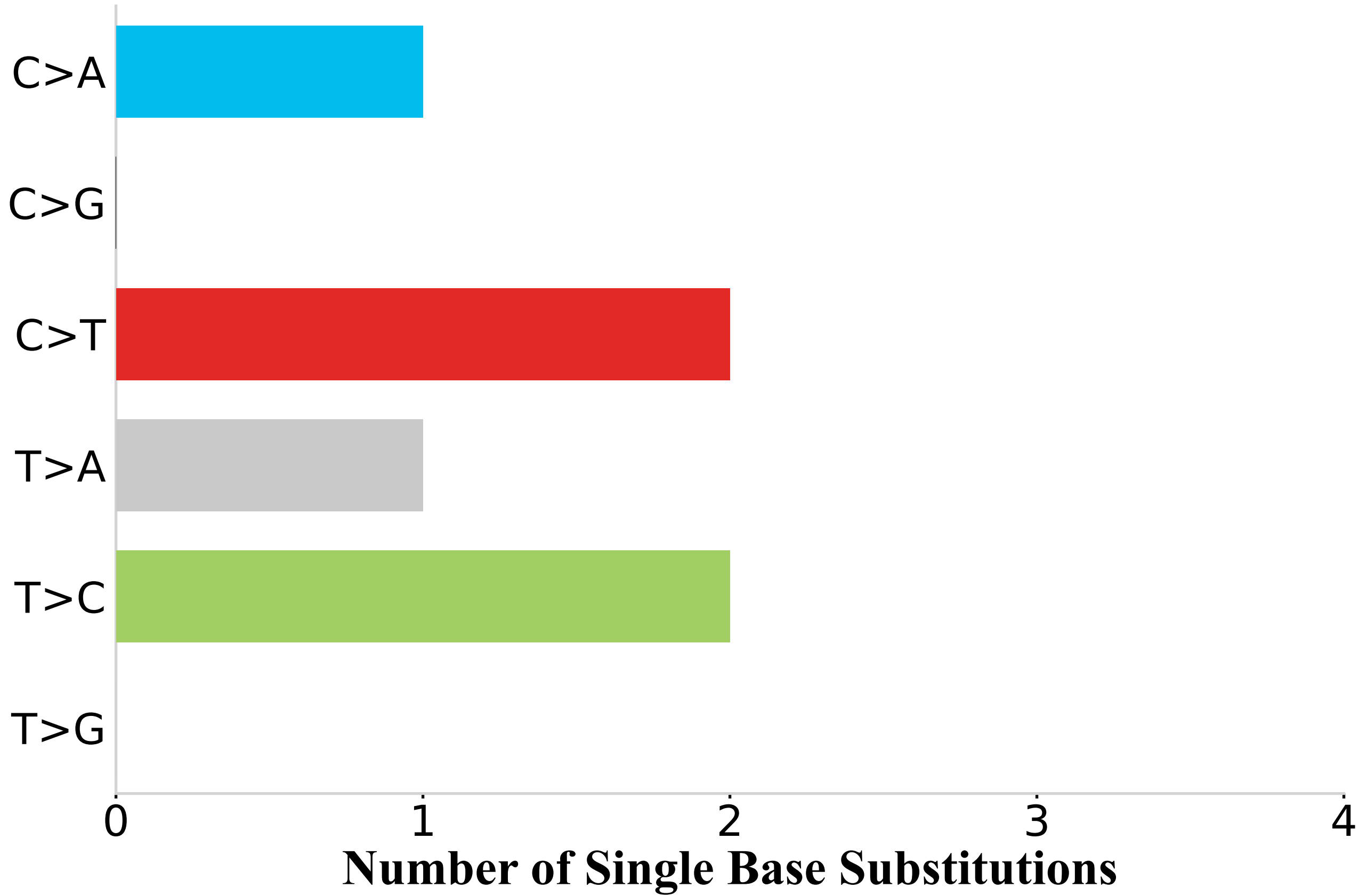
Number of Single Base Substitutions



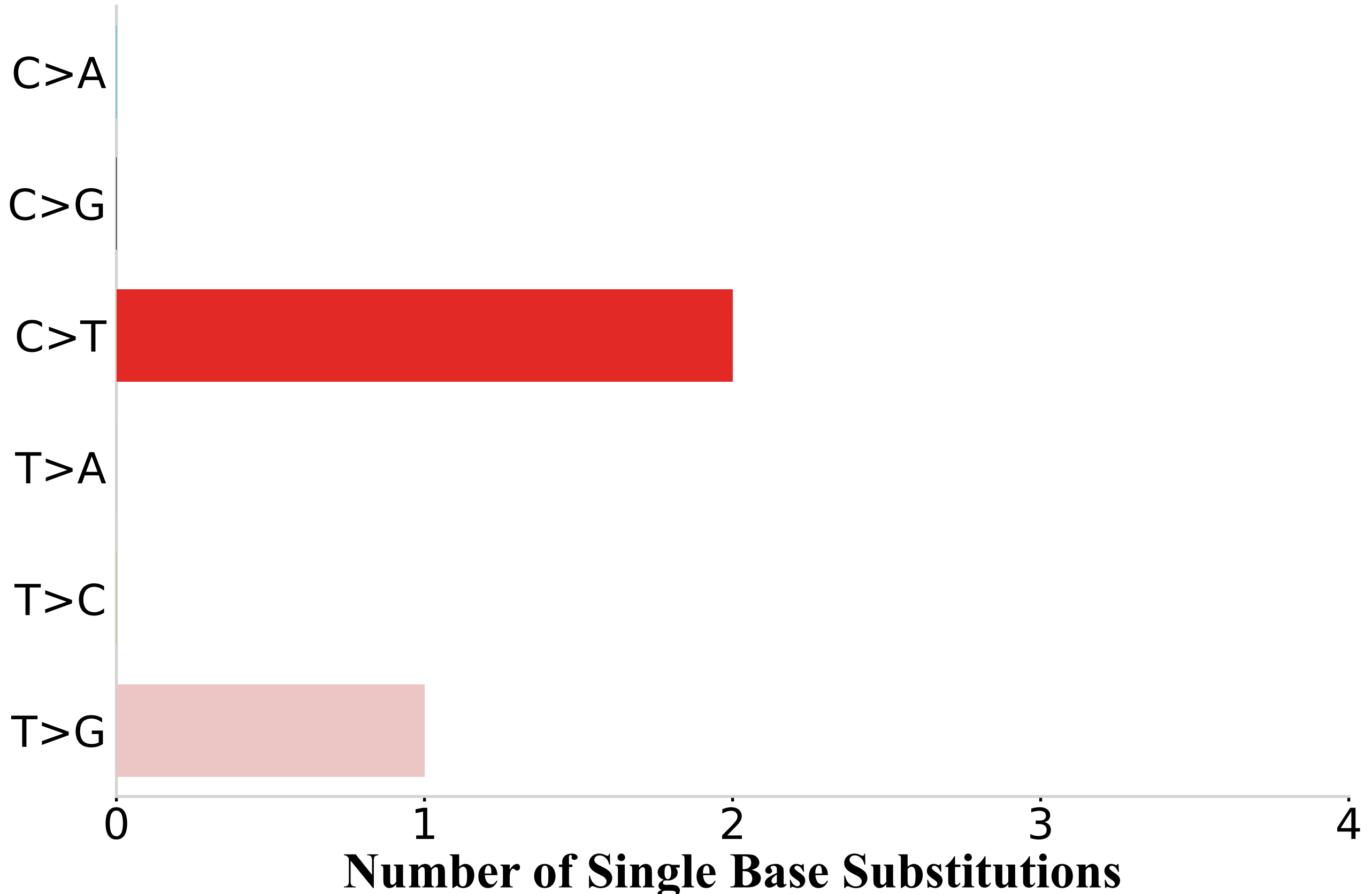
P-0007702-T02-IM6: 1 subs



P-0007890-T01-IM5: 6 subs



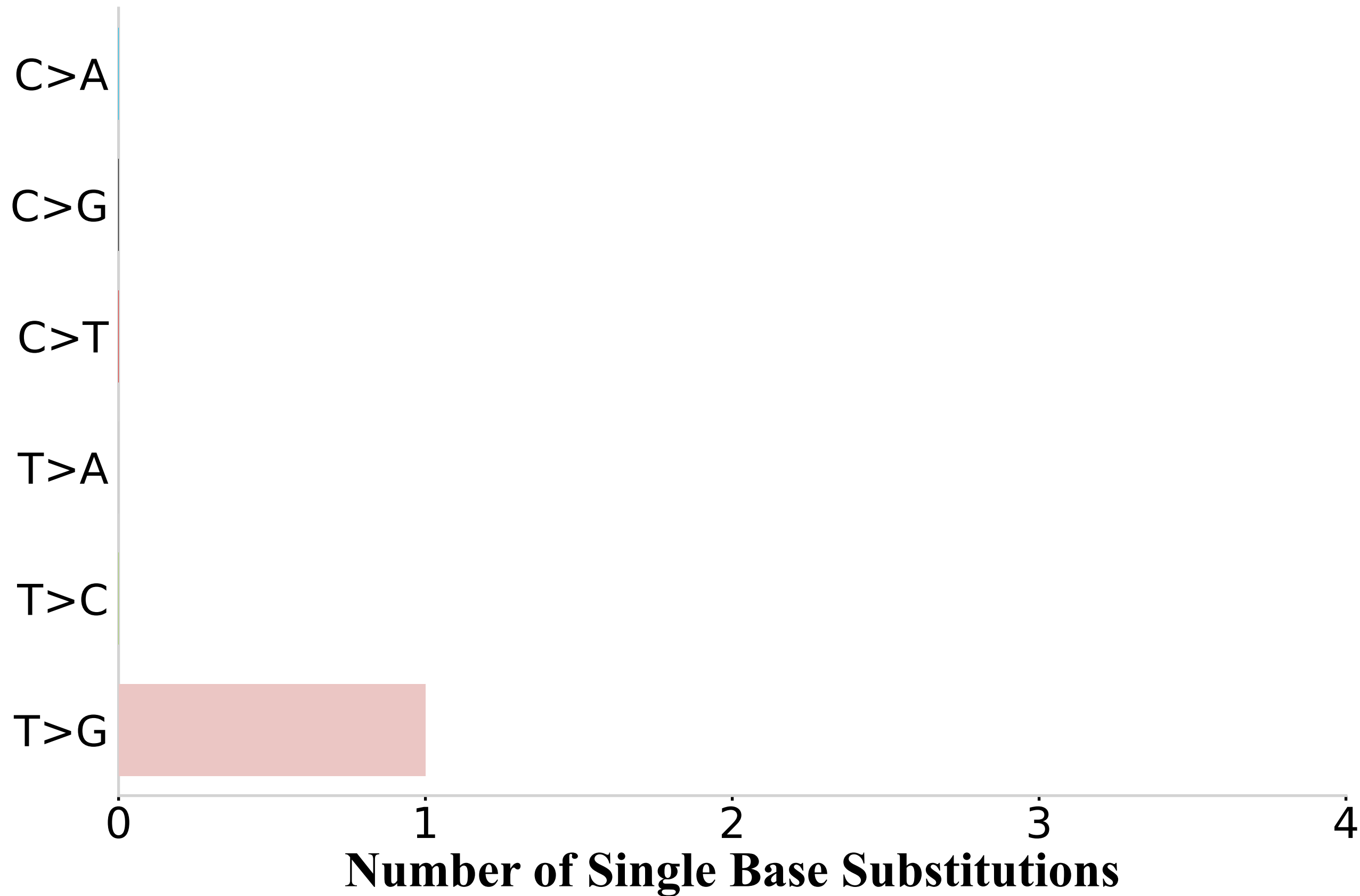
P-0007910-T01-IM5: 3 subs



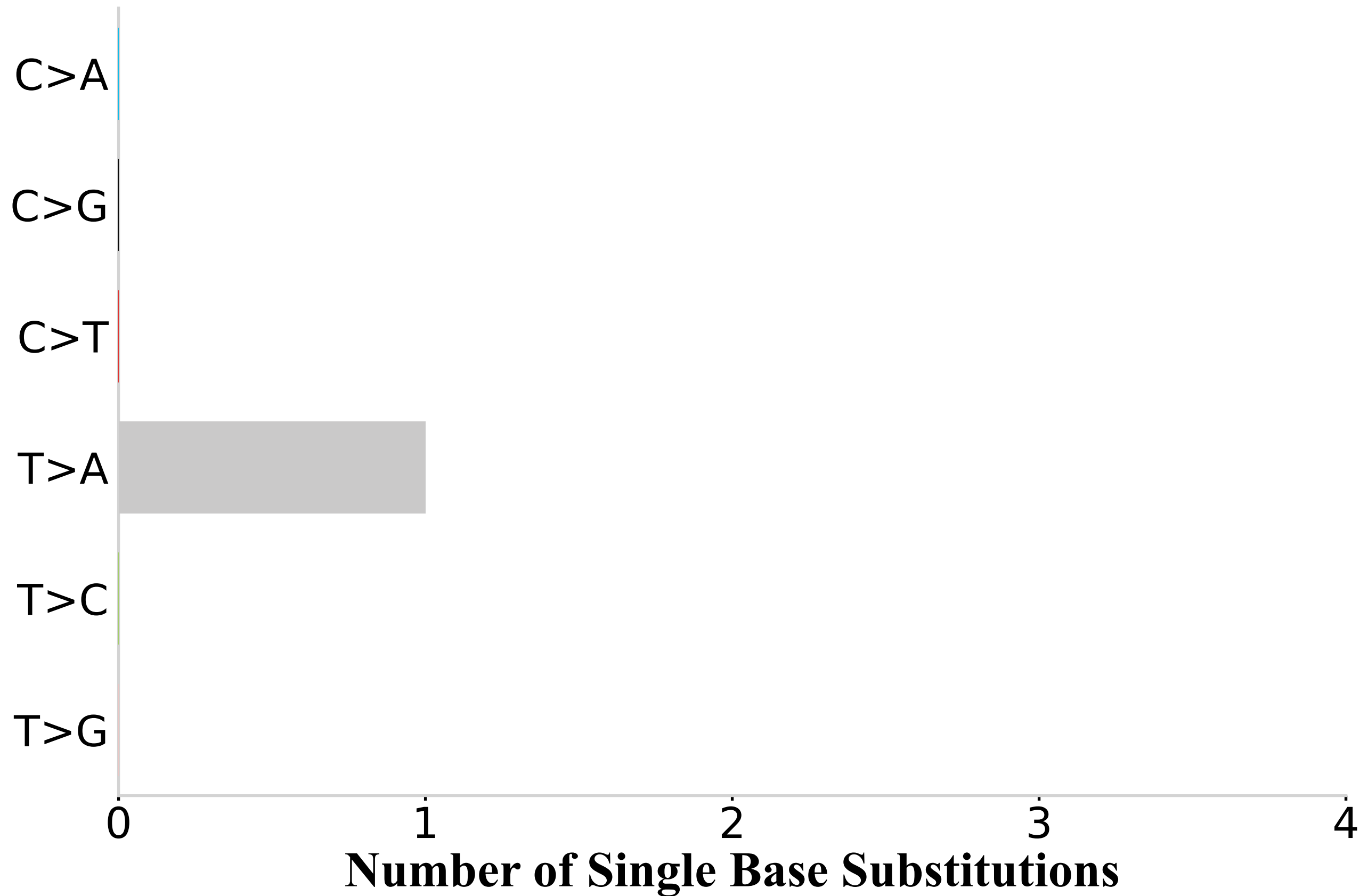
P-0007967-T01-IM5: 1 subs



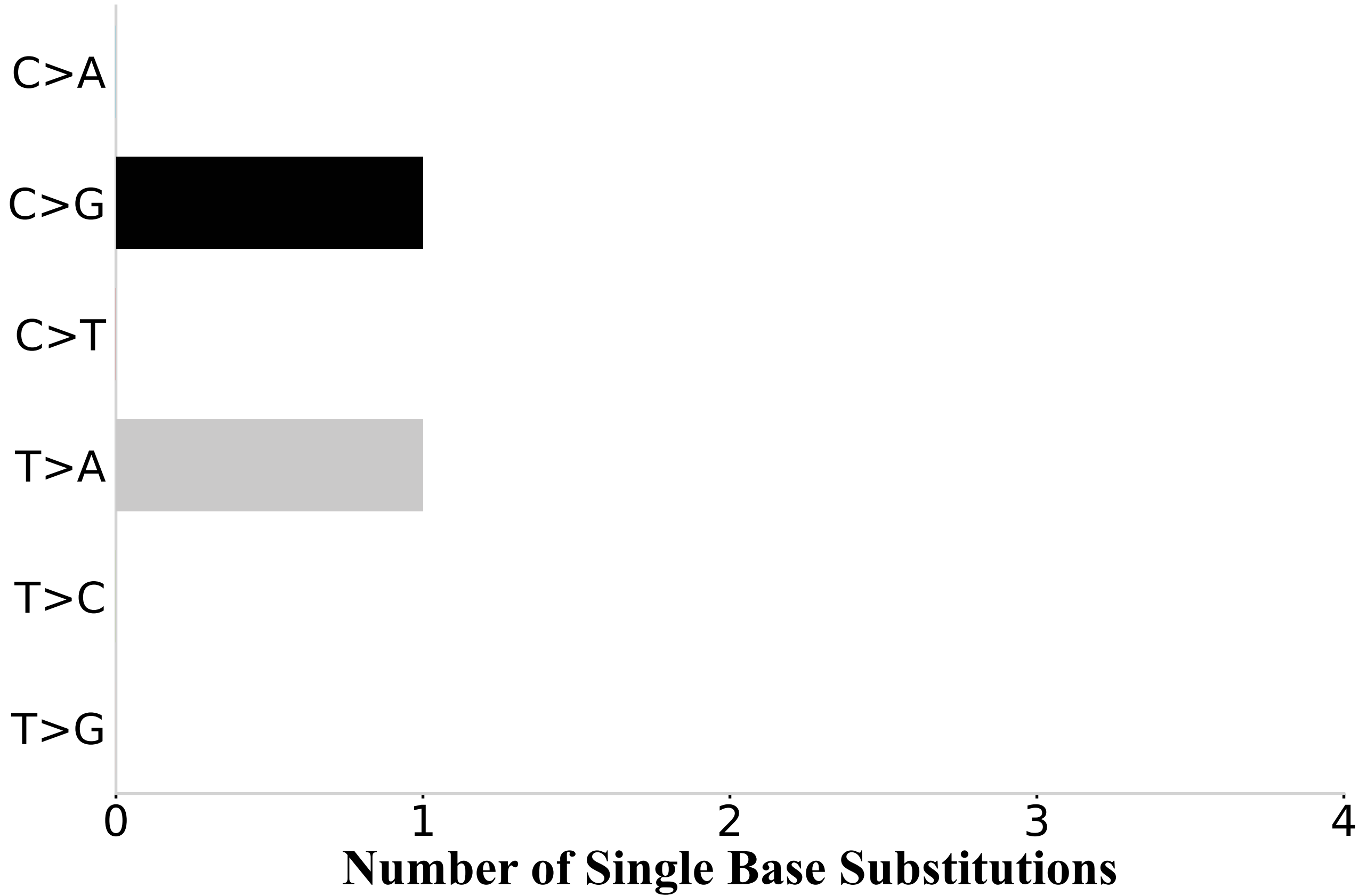
P-0007976-T01-IM5: 1 subs



P-0007985-T01-IM5: 1 subs



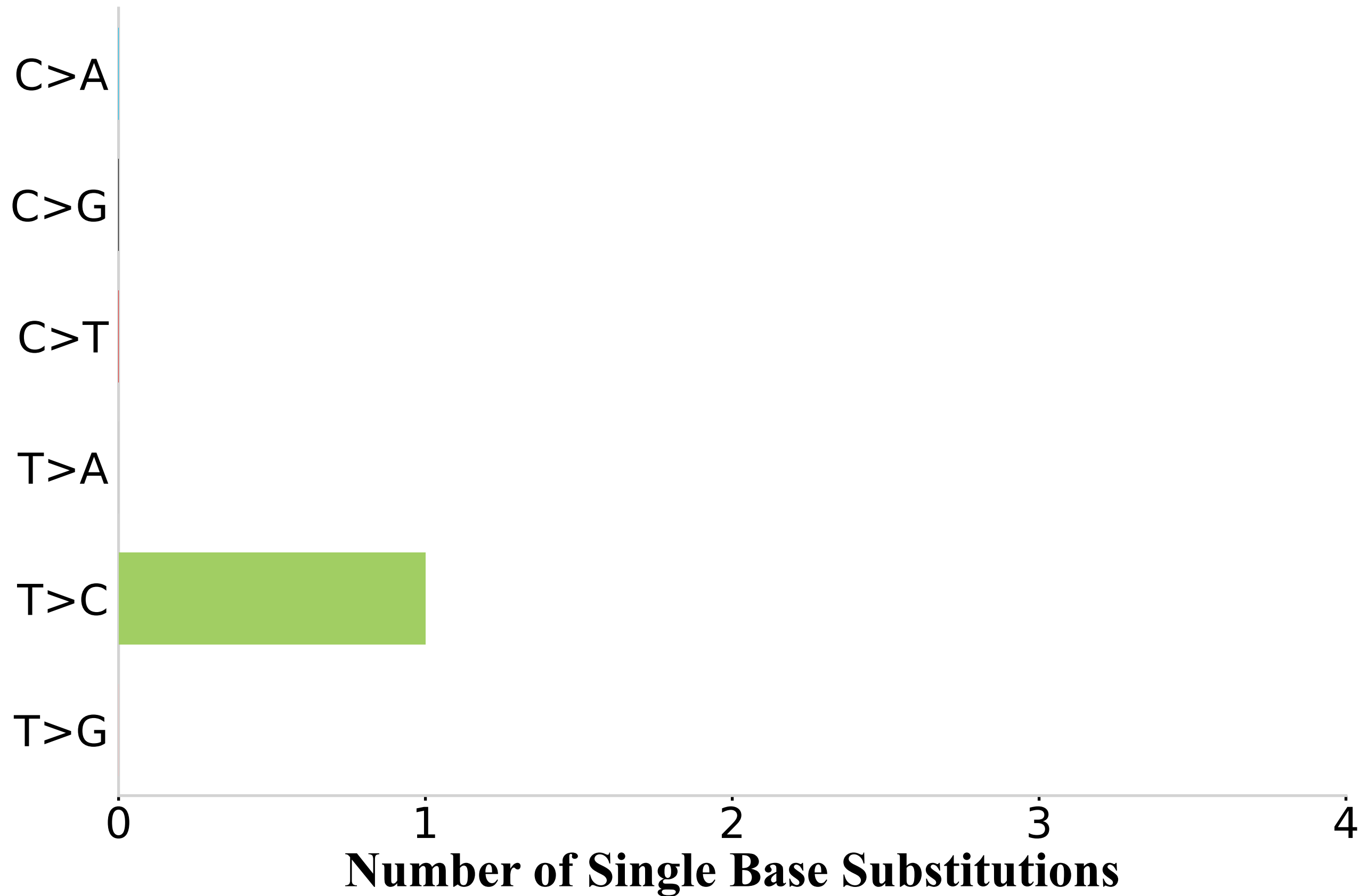
P-0008084-T01-IM5: 2 subs



P-0008247-T01-IM5: 1 subs



P-0008391-T01-IM5: 1 subs



P-0008468-T01-IM5: 0 subs

C>A

C>G

C>T

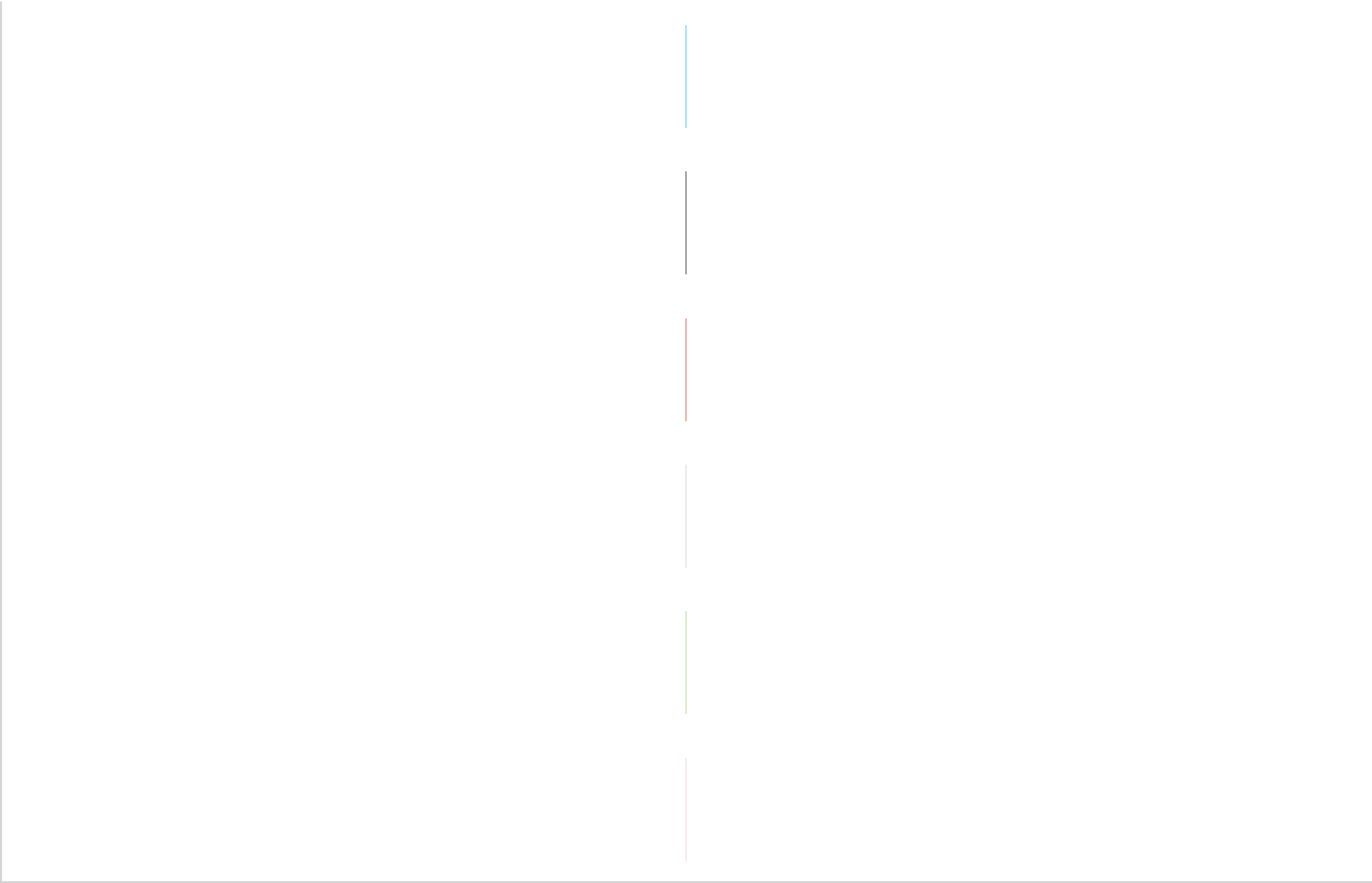
T>A

T>C

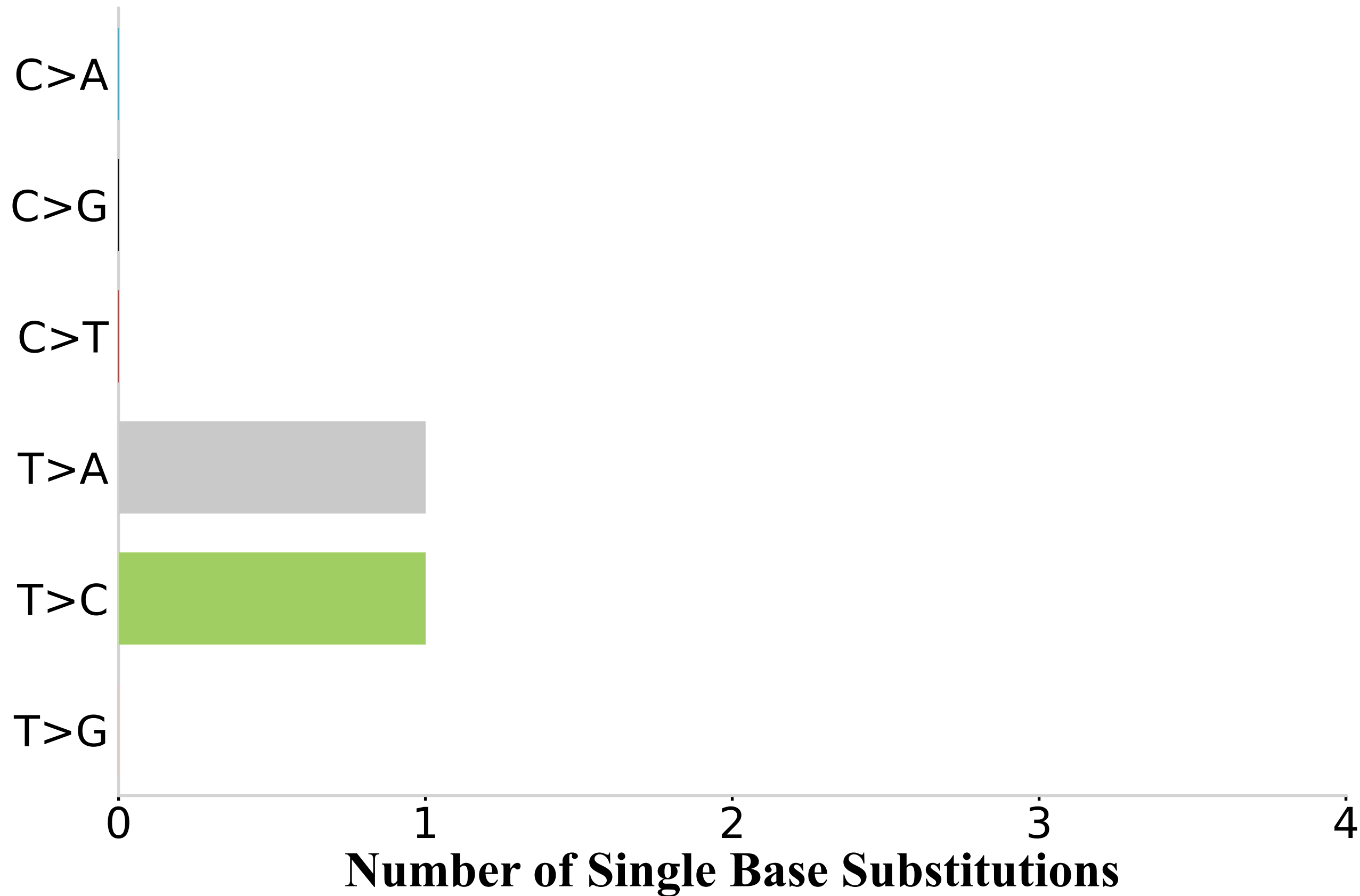
T>G

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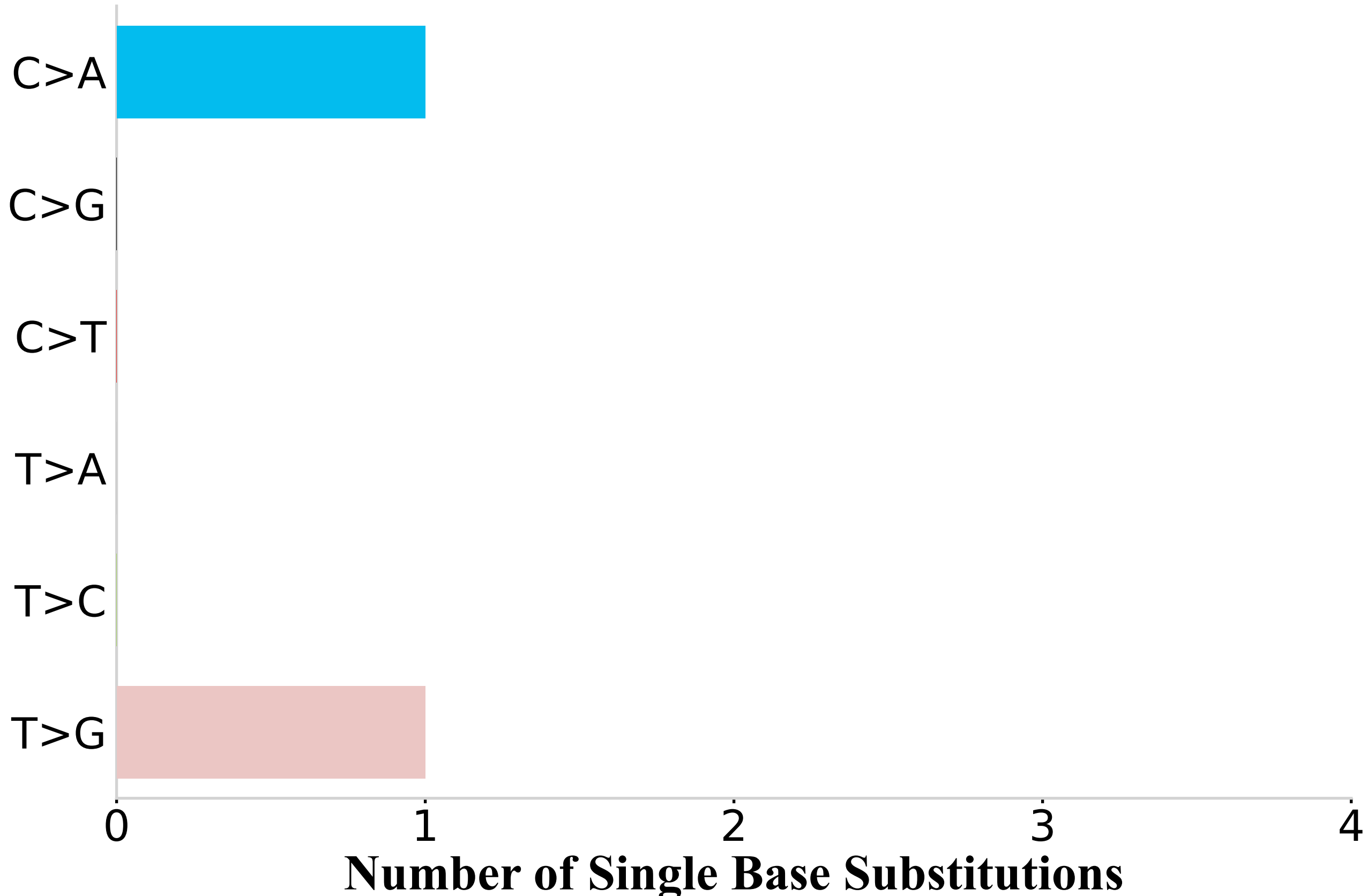
Number of Single Base Substitutions



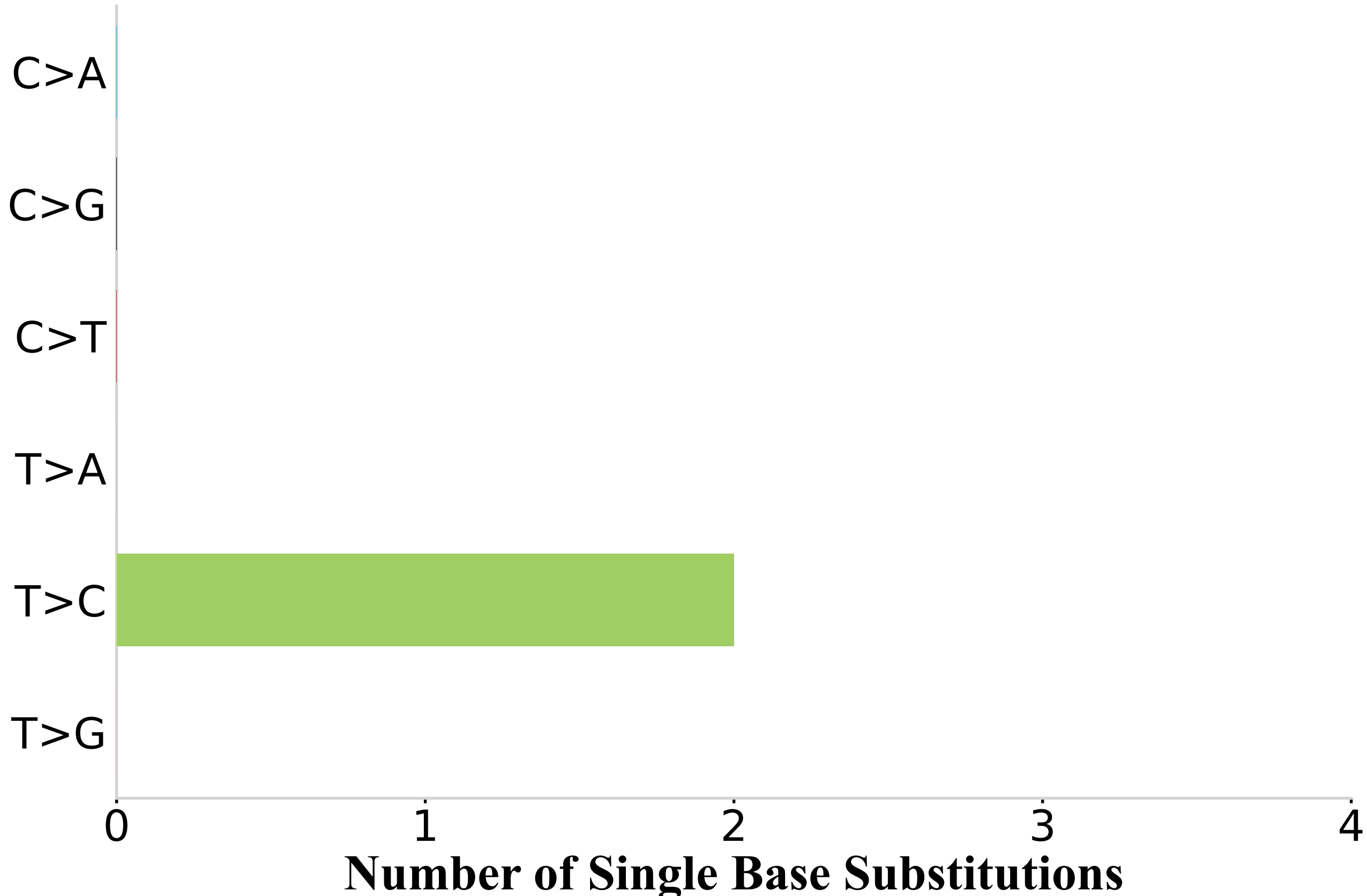
P-0008486-T01-IM5: 2 subs



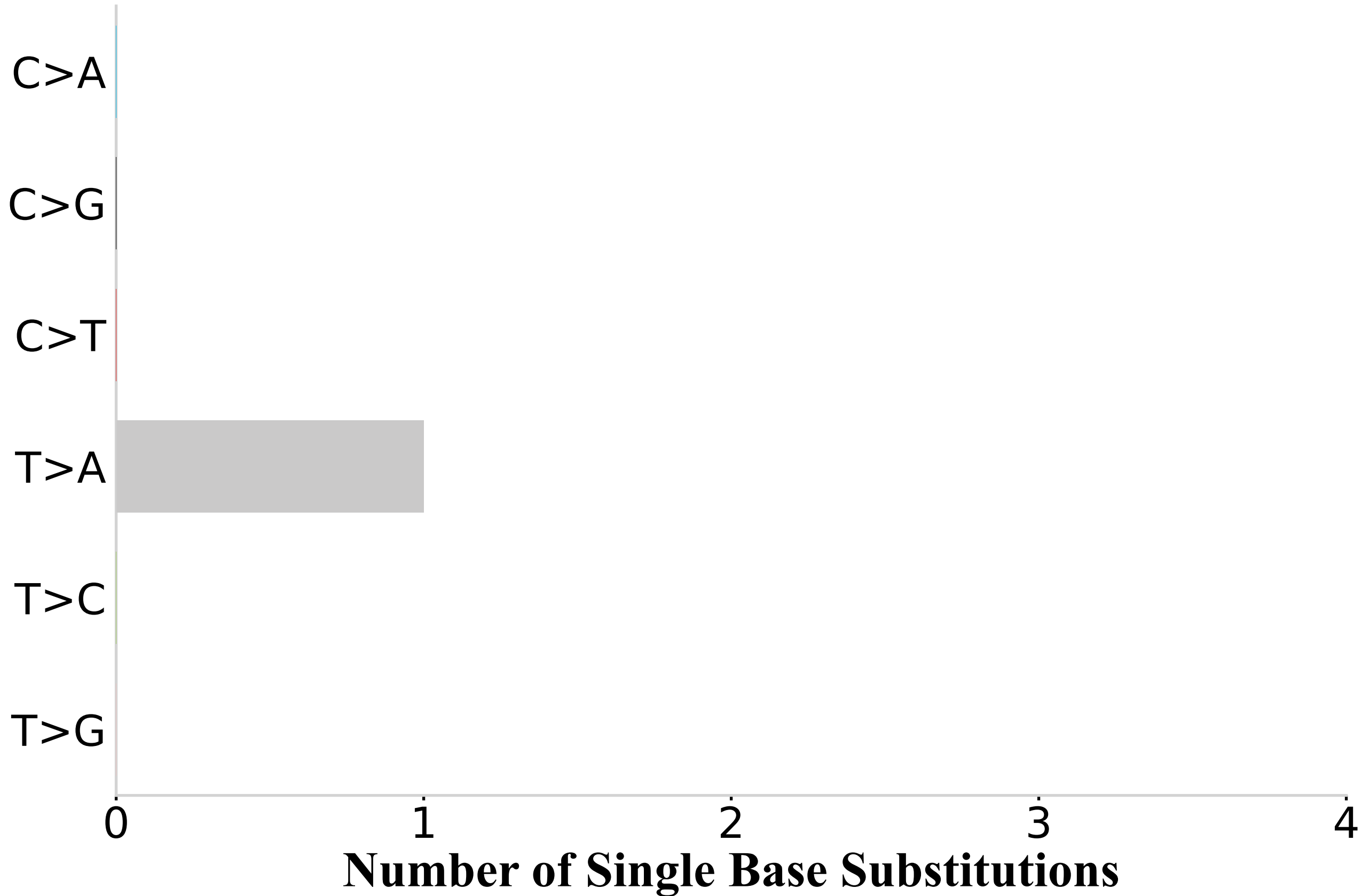
P-0008548-T01-IM5: 2 subs



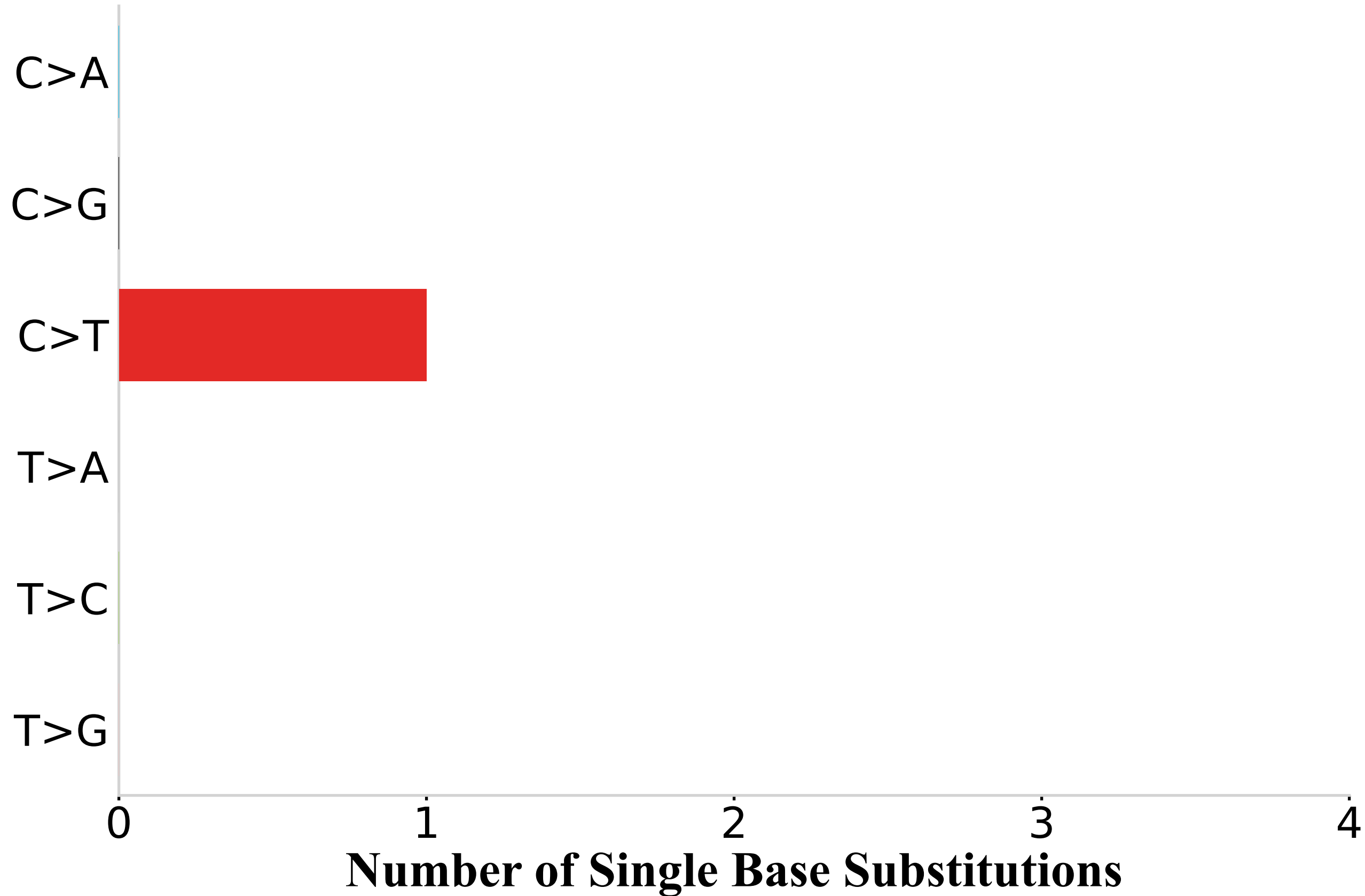
P-0008865-T01-IM5: 2 subs



P-0009156-T01-IM5: 1 subs



P-0009195-T01-IM5: 1 subs



P-0009250-T02-IM5: 0 subs

C>A

C>G

C>T

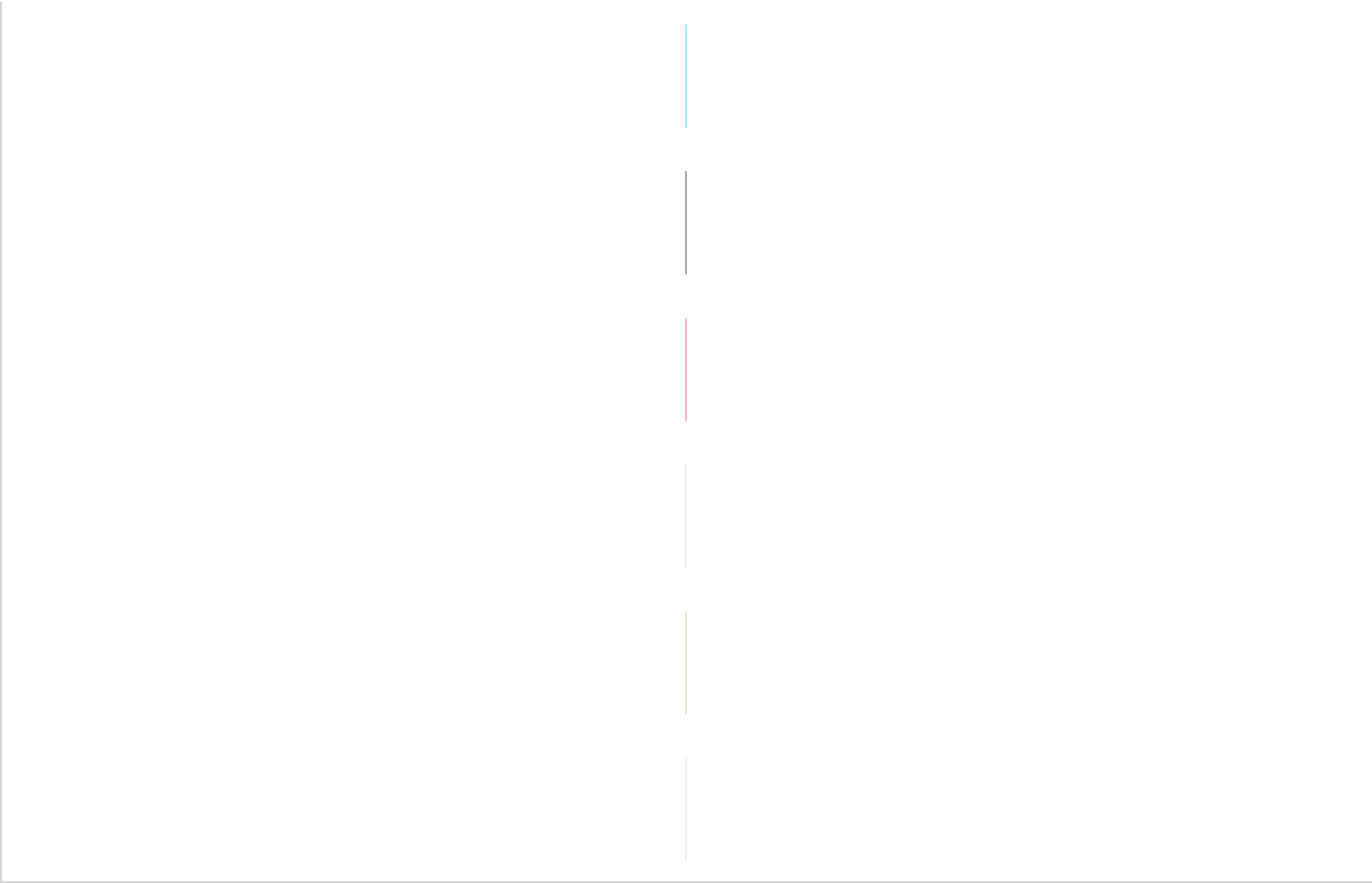
T>A

T>C

T>G

0

Number of Single Base Substitutions



P-0009615-T01-IM5: 2 subs

C>A

C>G

C>T

T>A

T>C

T>G

0

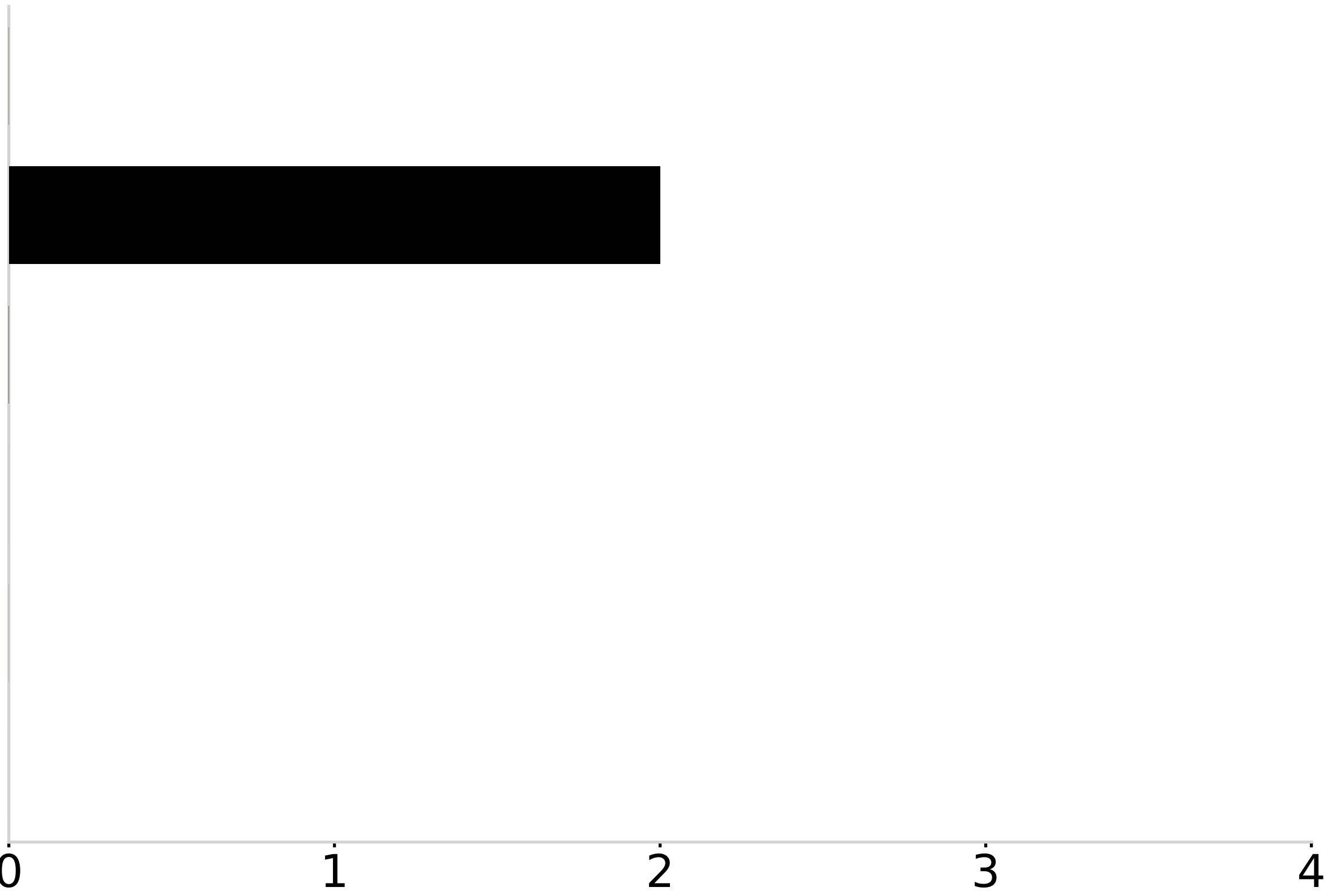
1

2

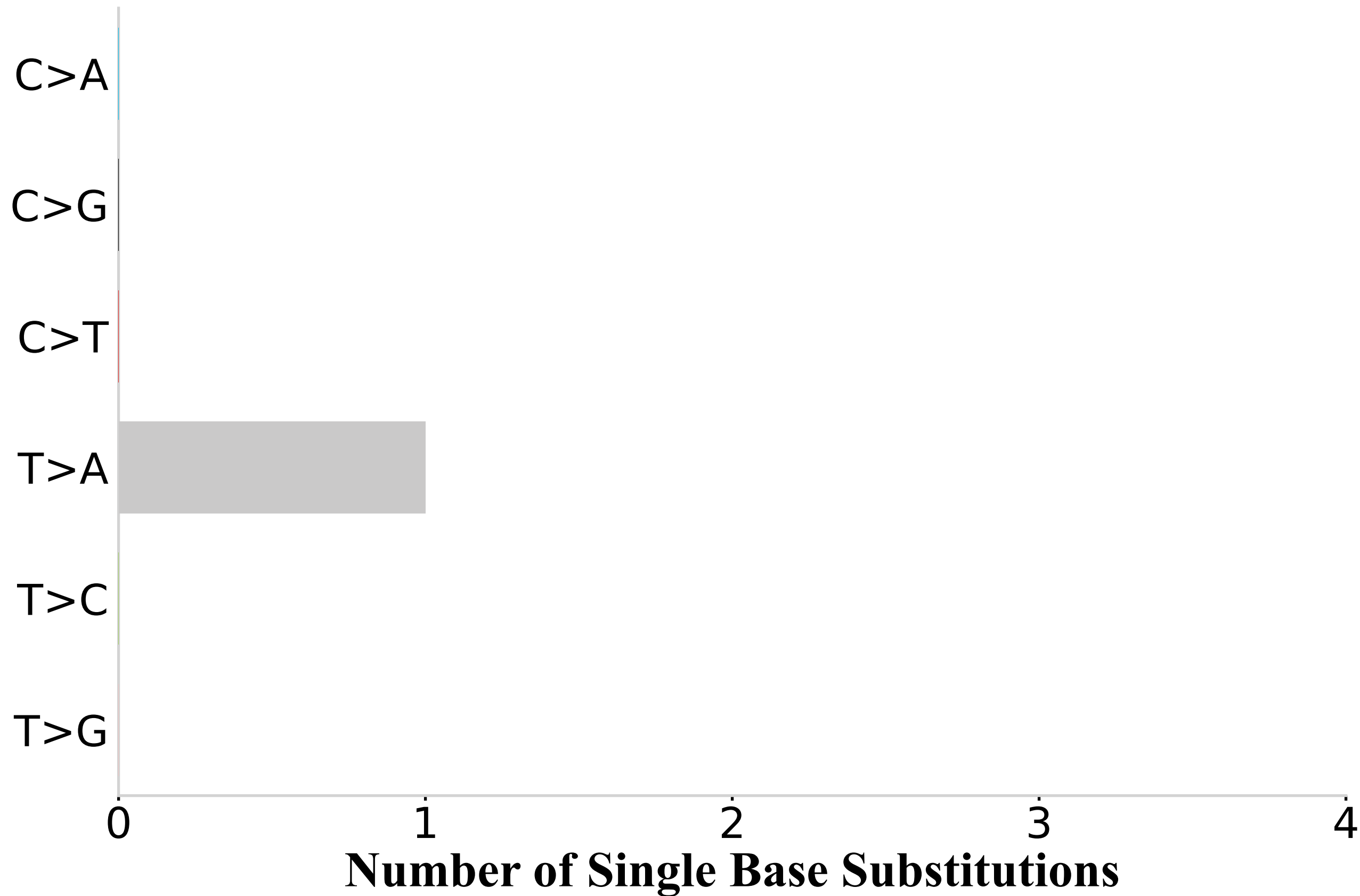
3

4

Number of Single Base Substitutions



P-0009646-T01-IM5: 1 subs



P-0009695-T01-IM5: 0 subs

C>A

C>G

C>T

T>A

T>C

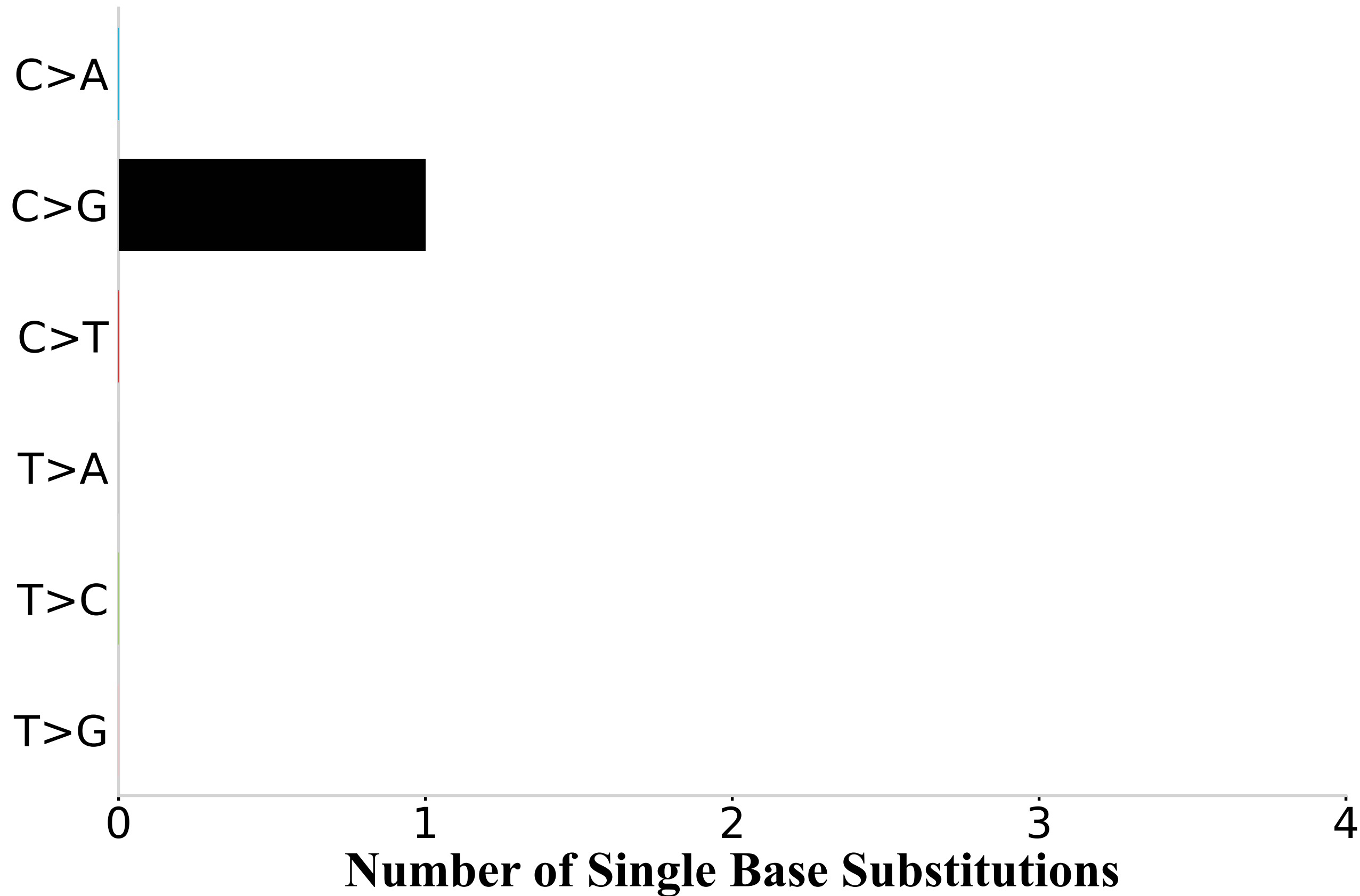
T>G

0

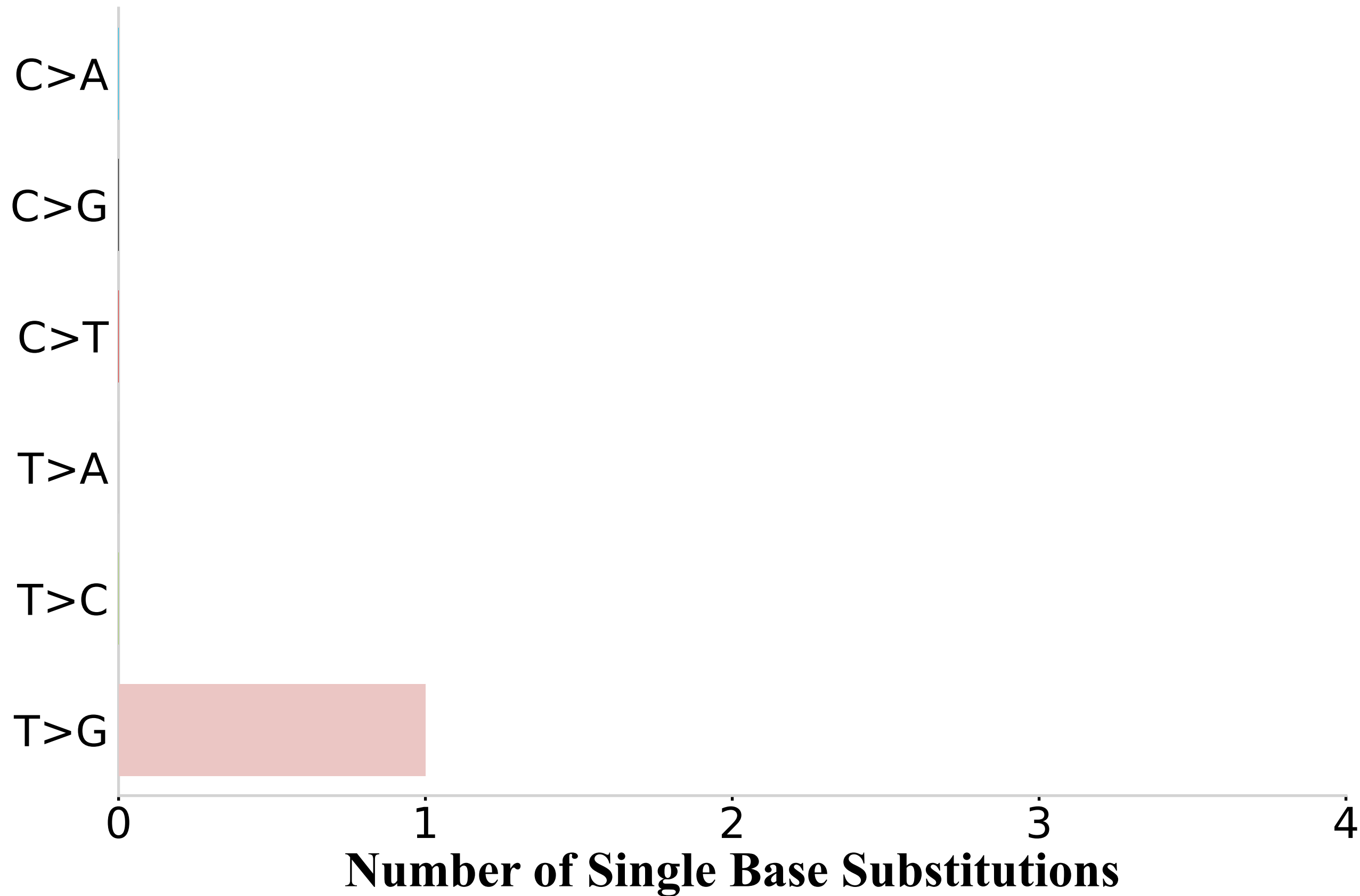
Number of Single Base Substitutions



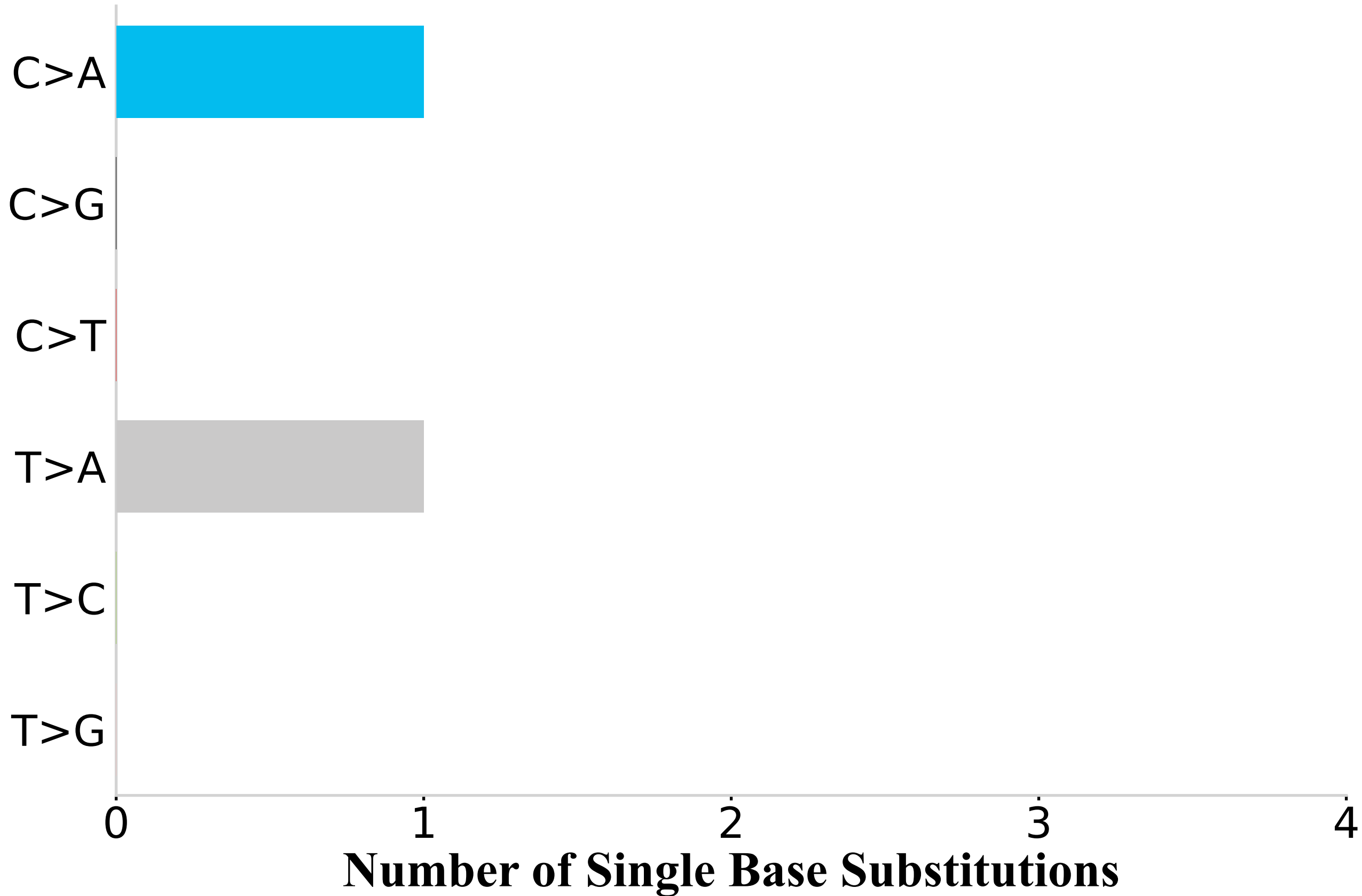
P-0009879-T01-IM5: 1 subs



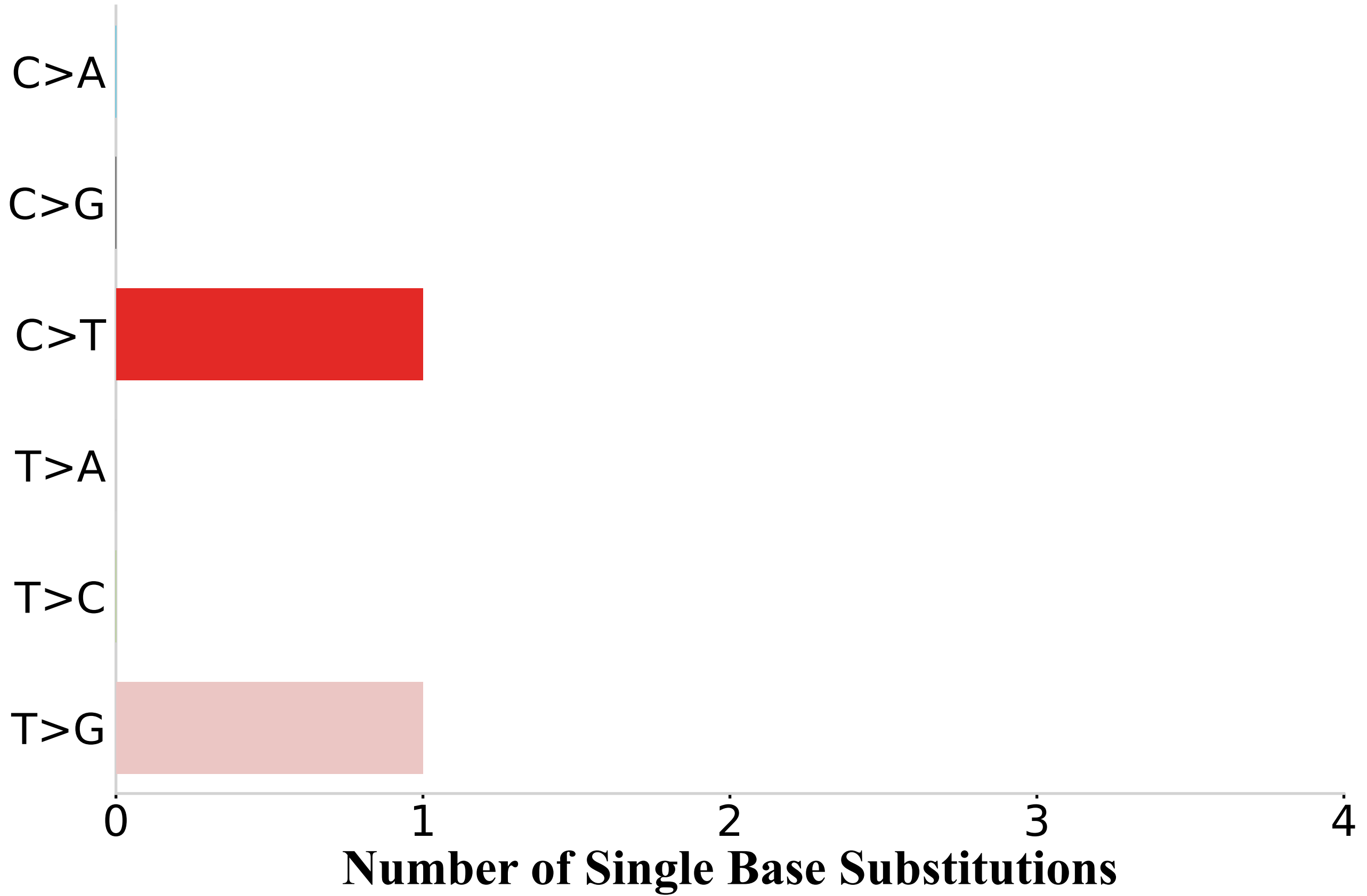
P-0009938-T01-IM5: 1 subs



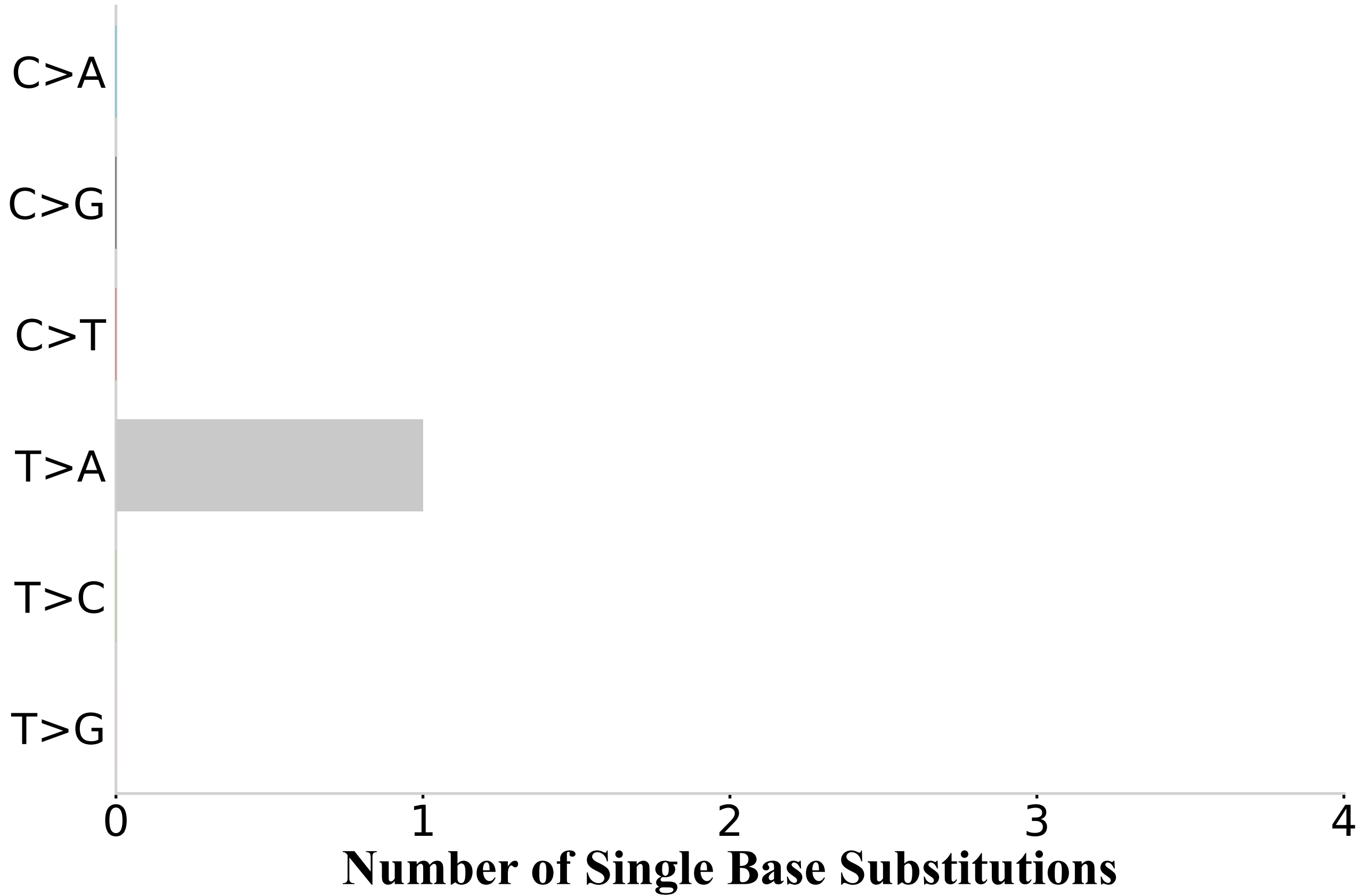
P-0010175-T02-IM5: 2 subs



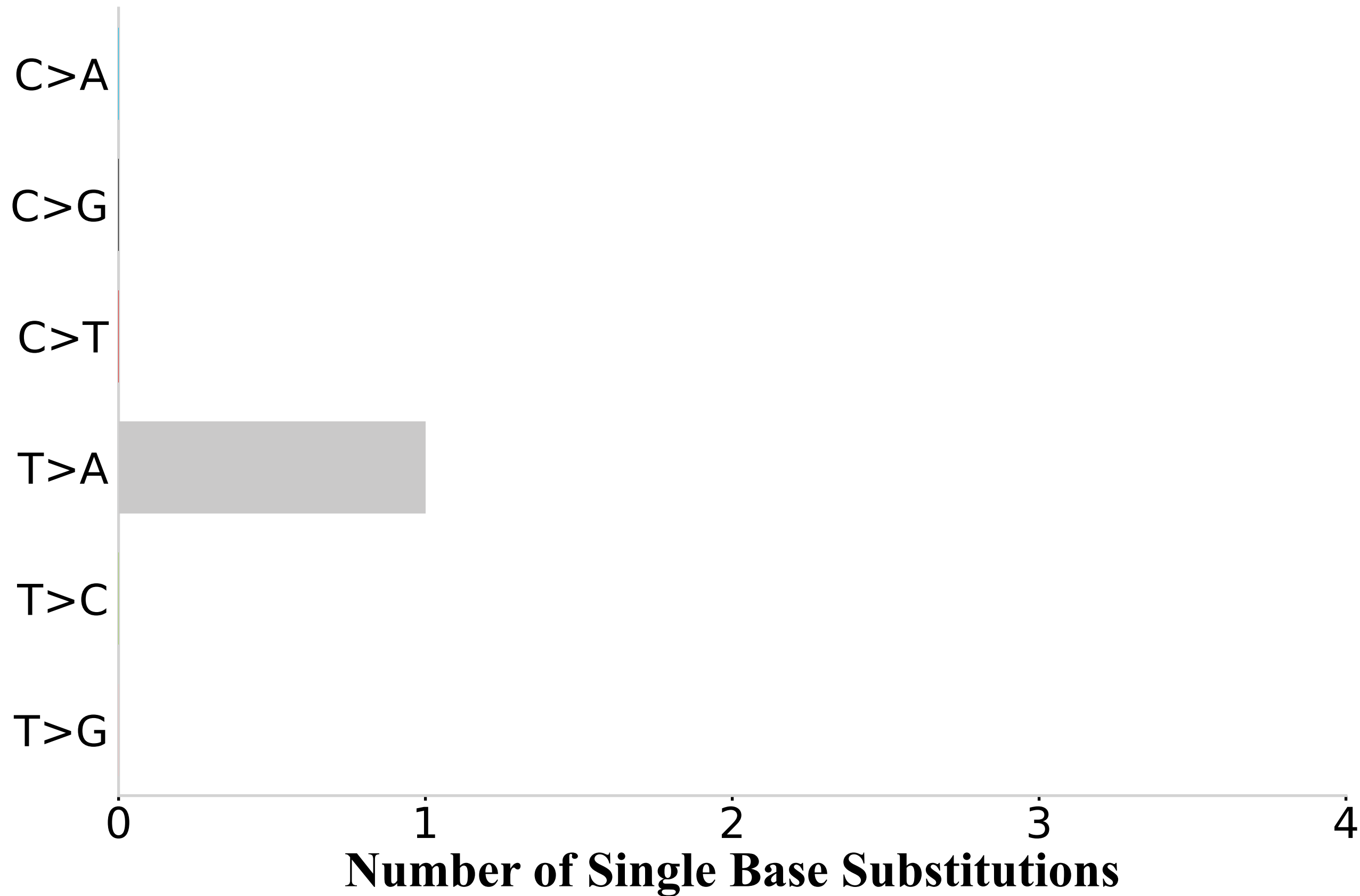
P-0010183-T01-IM5: 2 subs



P-0010485-T01-IM5: 1 subs



P-0010629-T01-IM5: 1 subs



P-0010941-T01-IM5: 3 subs



P-0010949-T01-IM5: 0 subs

C>A

C>G

C>T

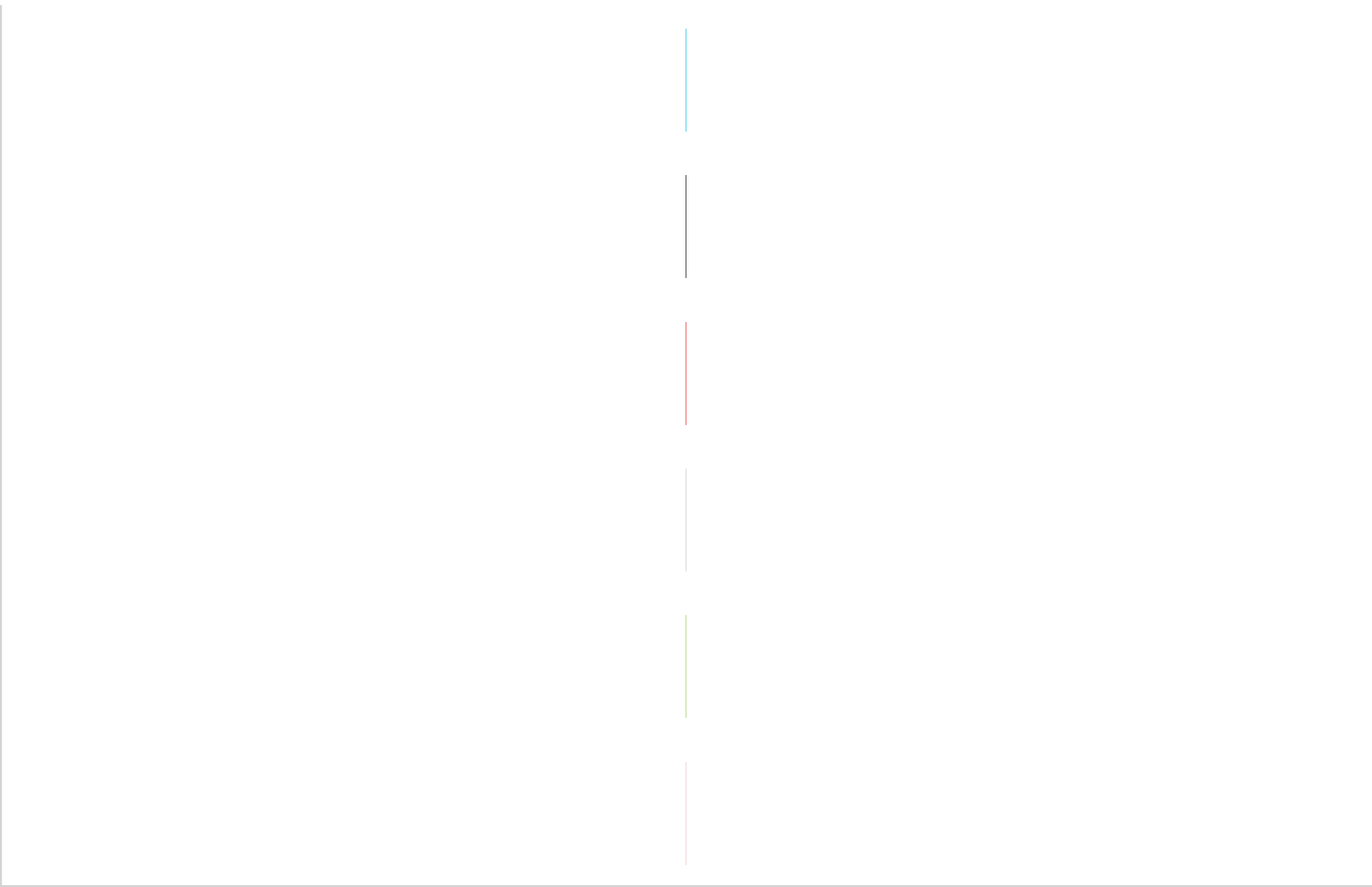
T>A

T>C

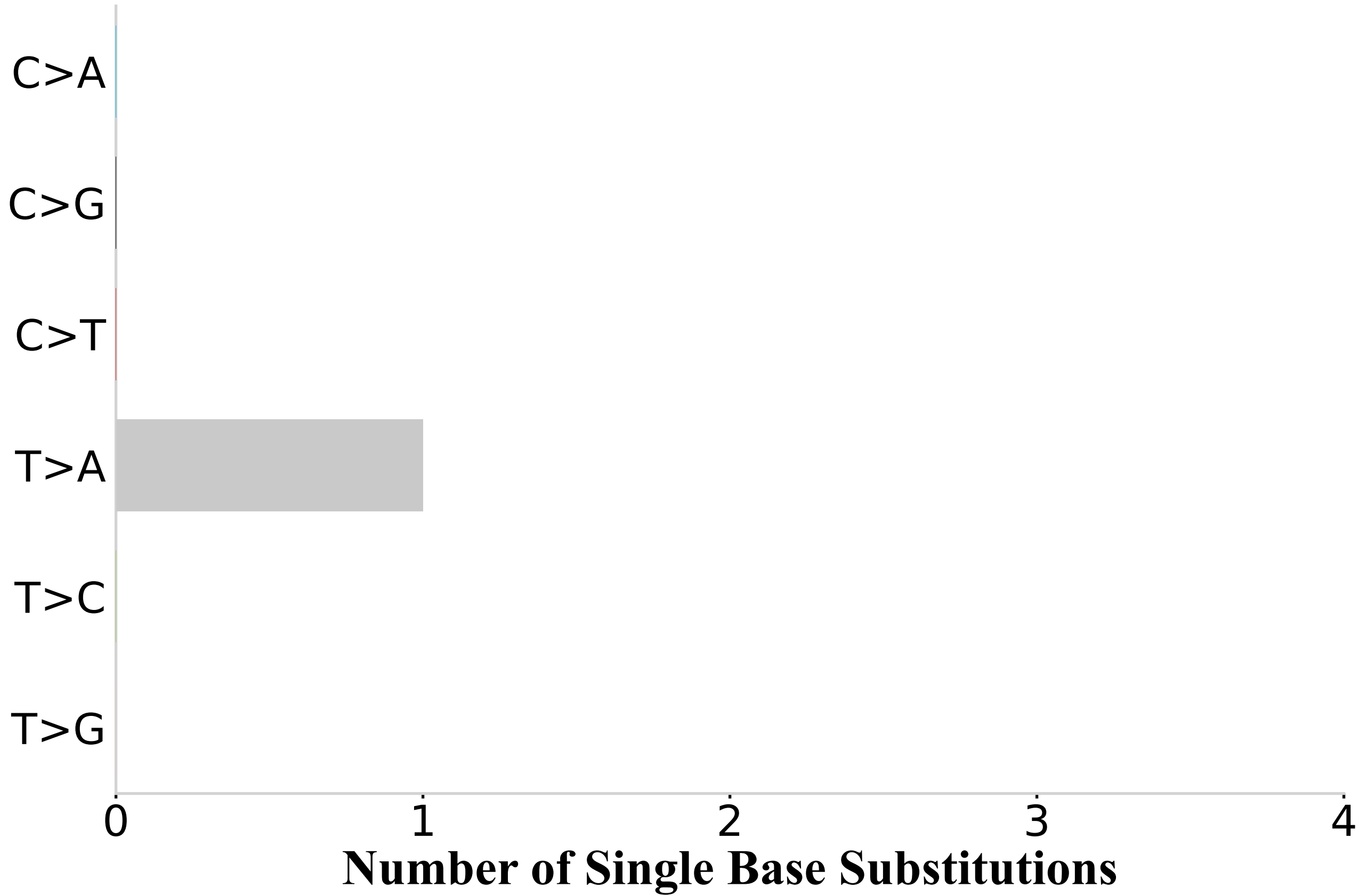
T>G

0

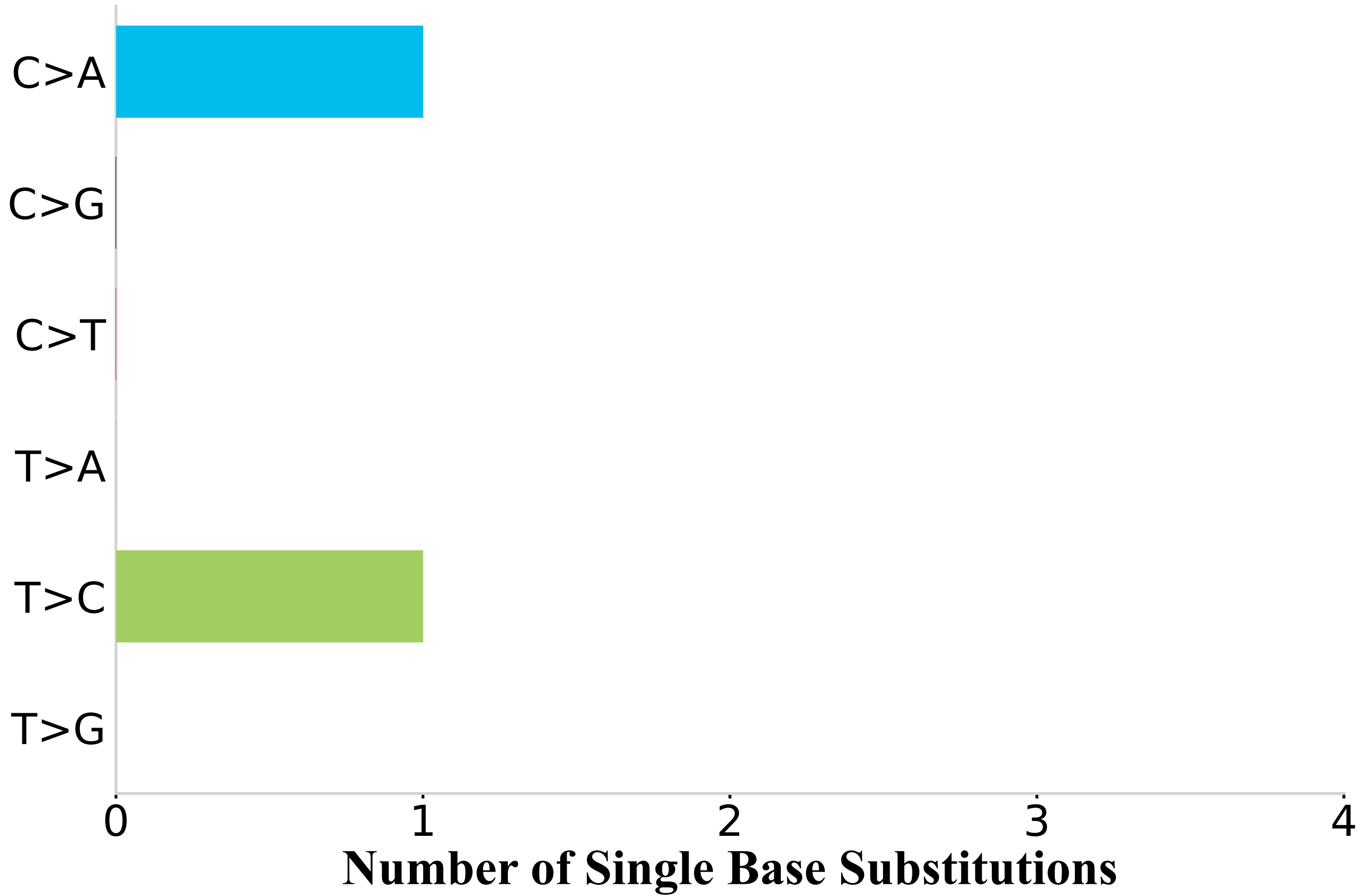
Number of Single Base Substitutions



P-0011178-T01-IM5: 1 subs



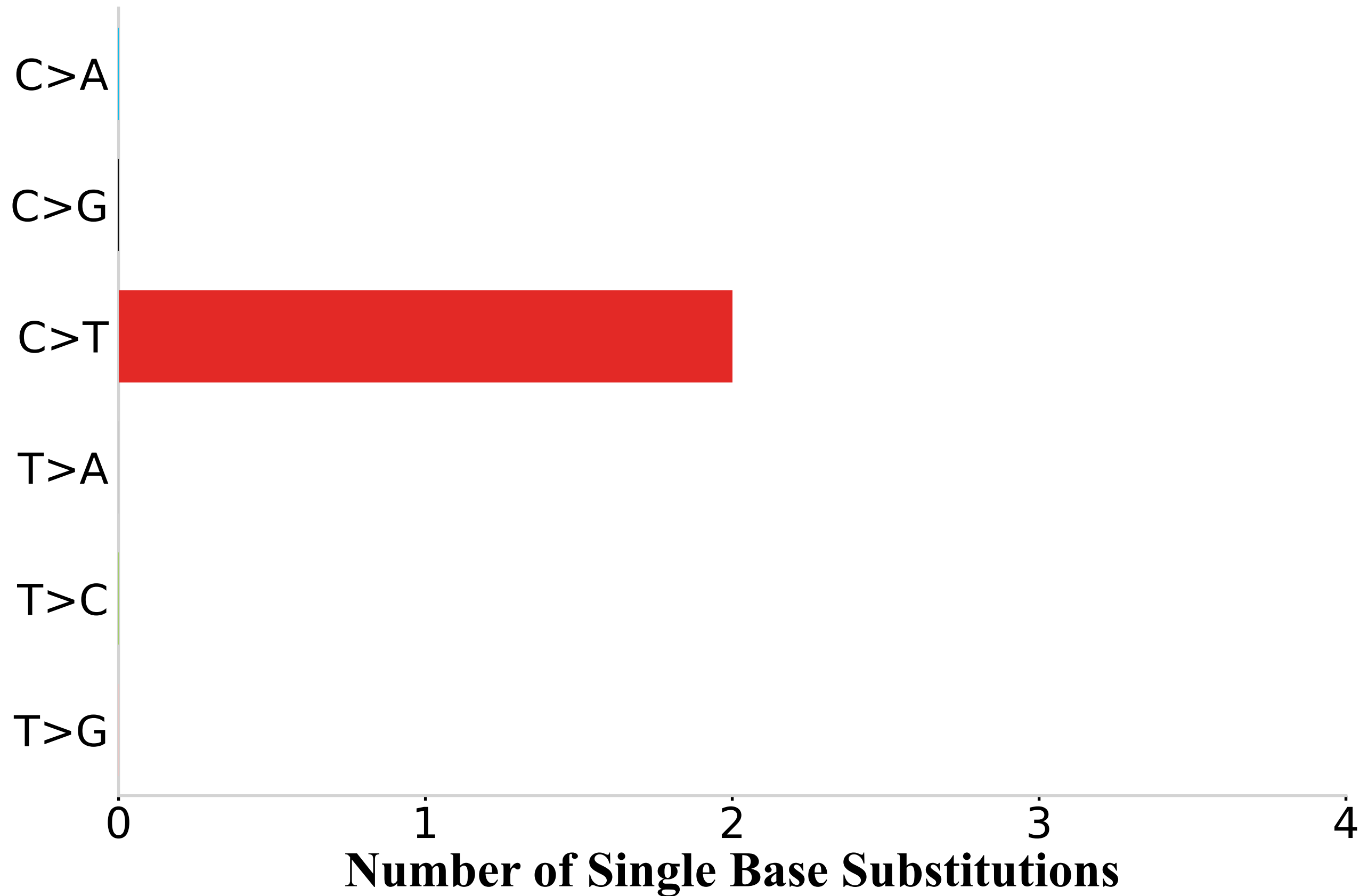
P-0011381-T01-IM5: 2 subs



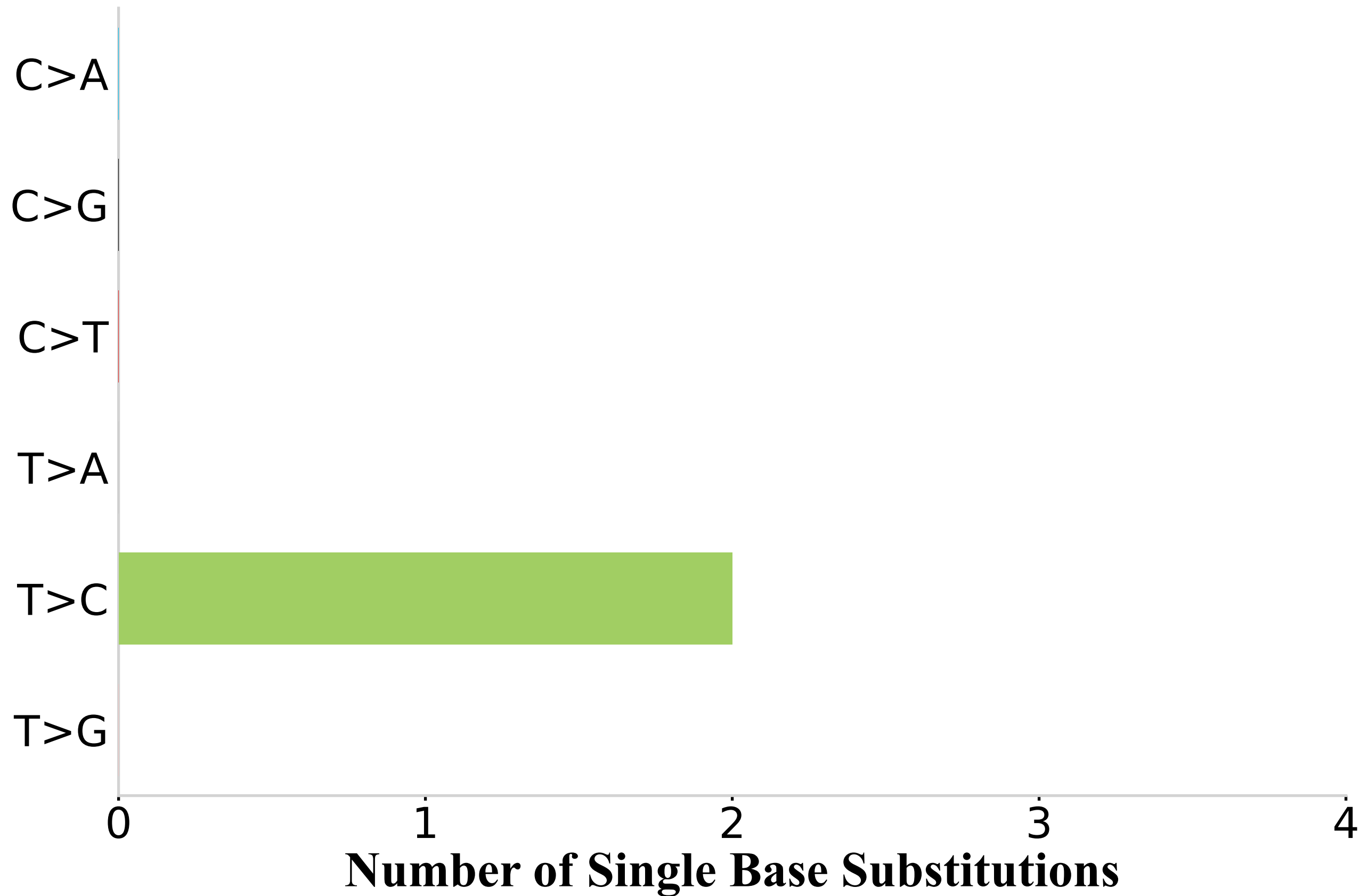
P-0012007-T01-IM5: 1 subs



P-0012042-T01-IM5: 2 subs



P-0012178-T01-IM5: 2 subs



P-0012185-T01-IM5: 0 subs

C>A

C>G

C>T

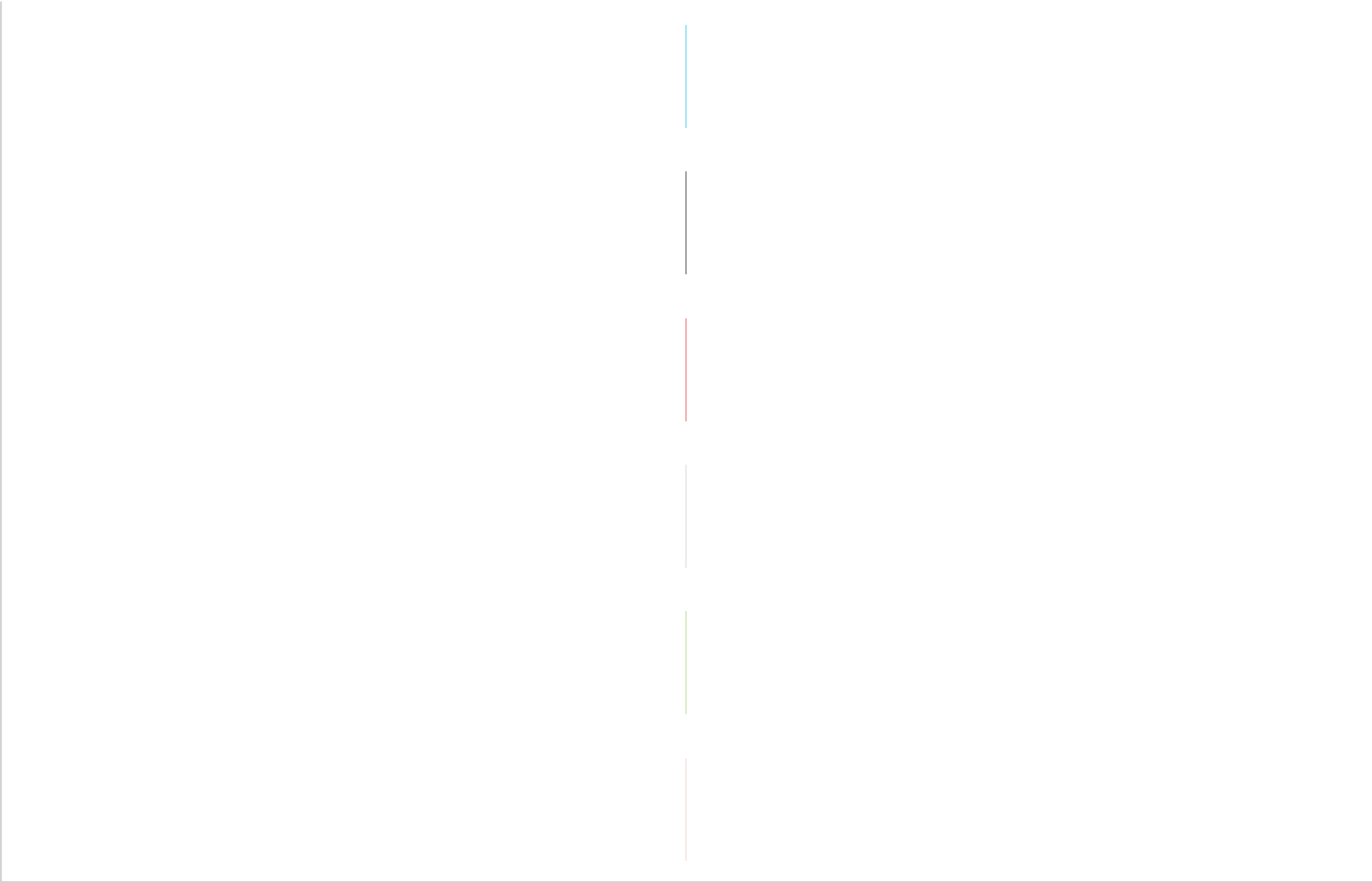
T>A

T>C

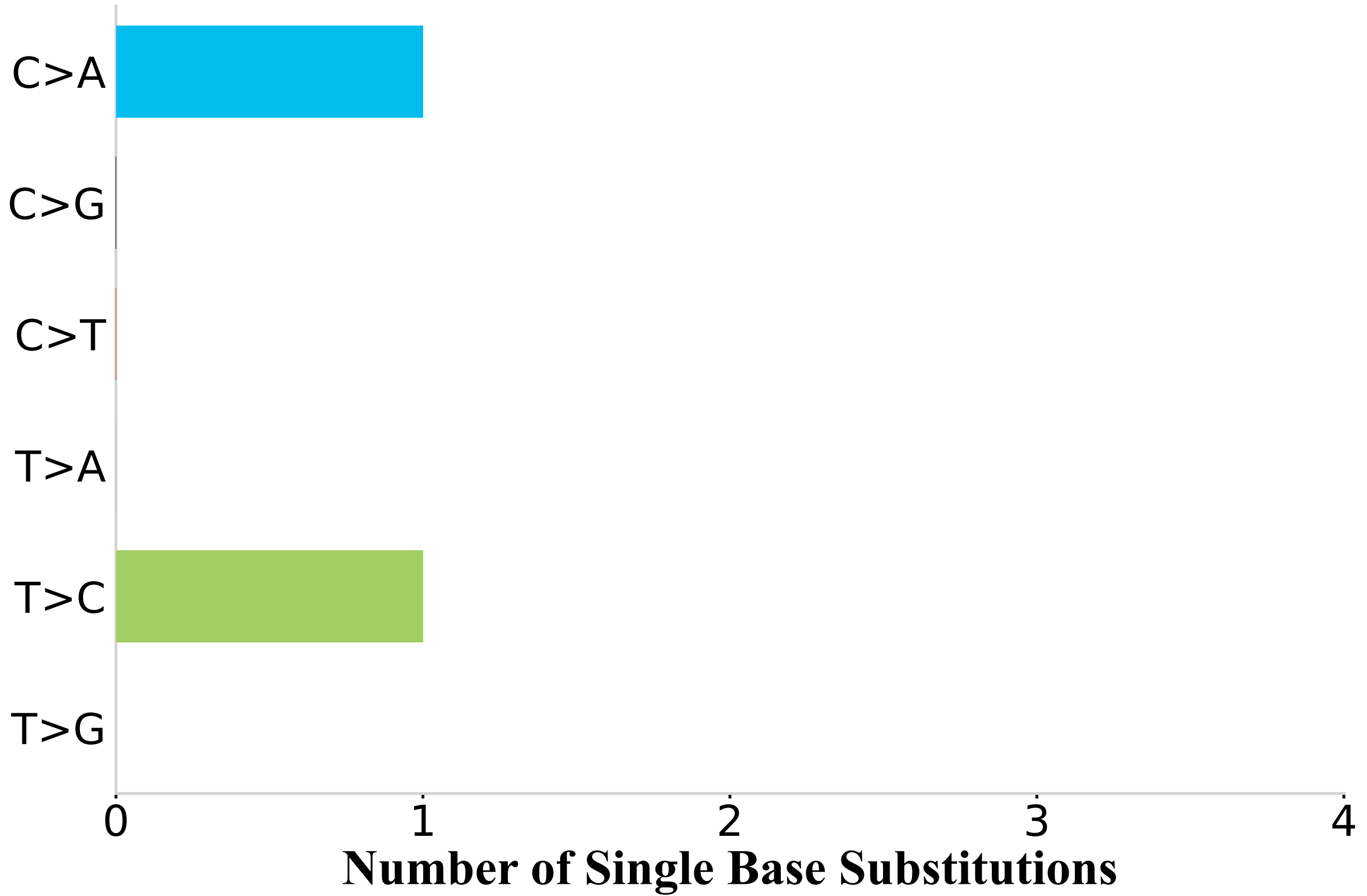
T>G

0

Number of Single Base Substitutions



P-0012228-T01-IM5: 2 subs



P-0012403-T05-IM6: 0 subs

C>A

C>G

C>T

T>A

T>C

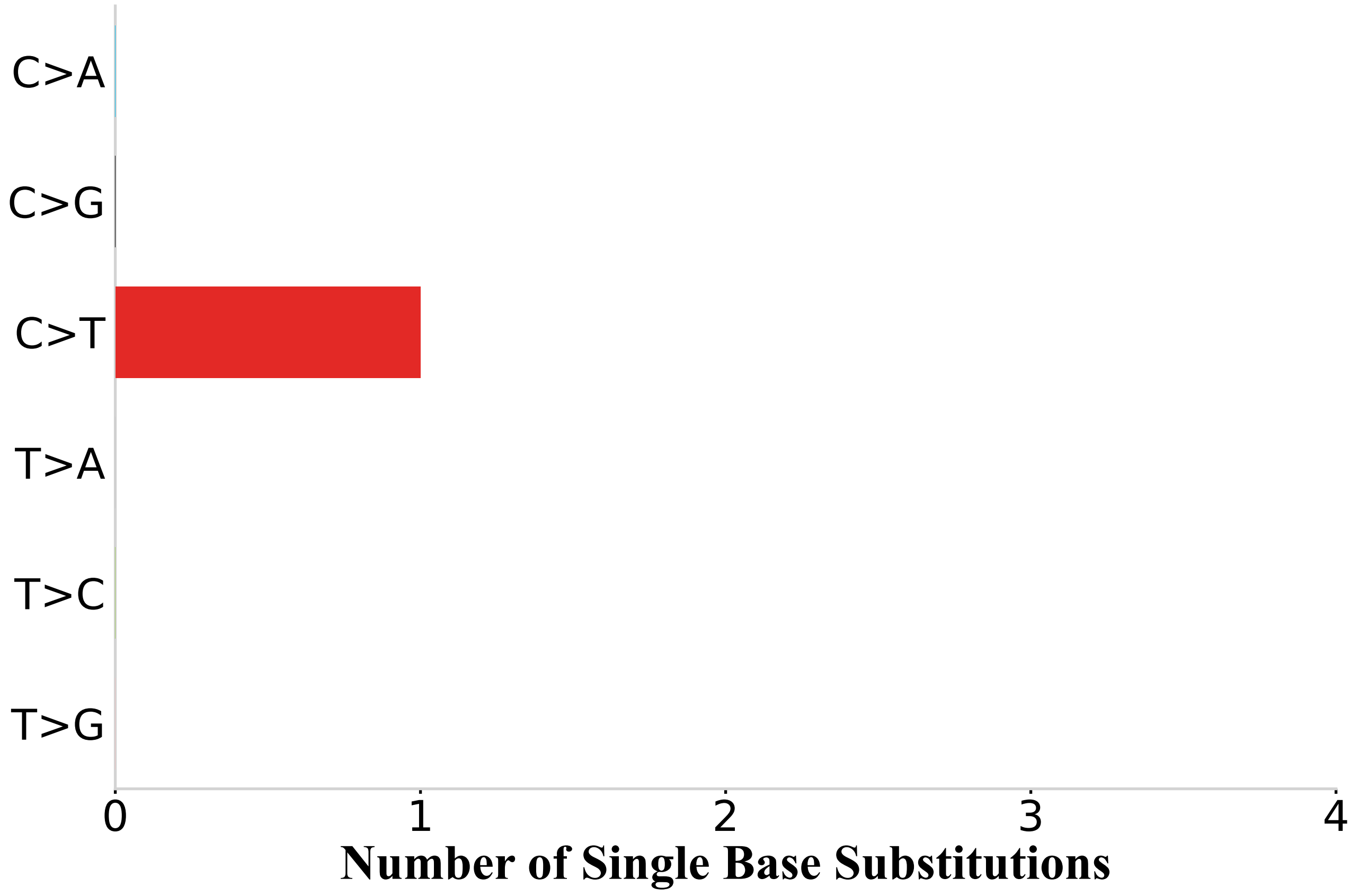
T>G

0

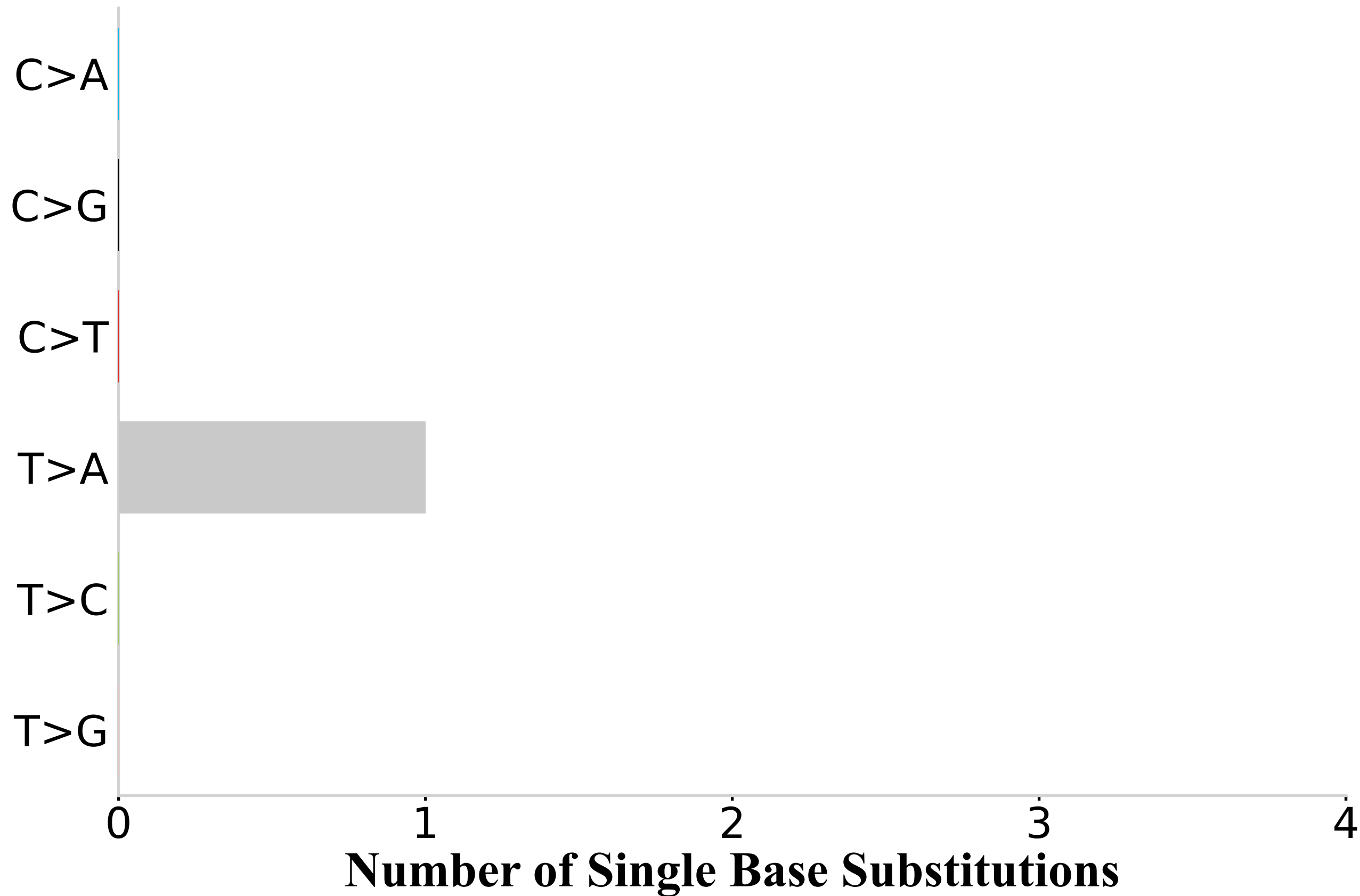
Number of Single Base Substitutions



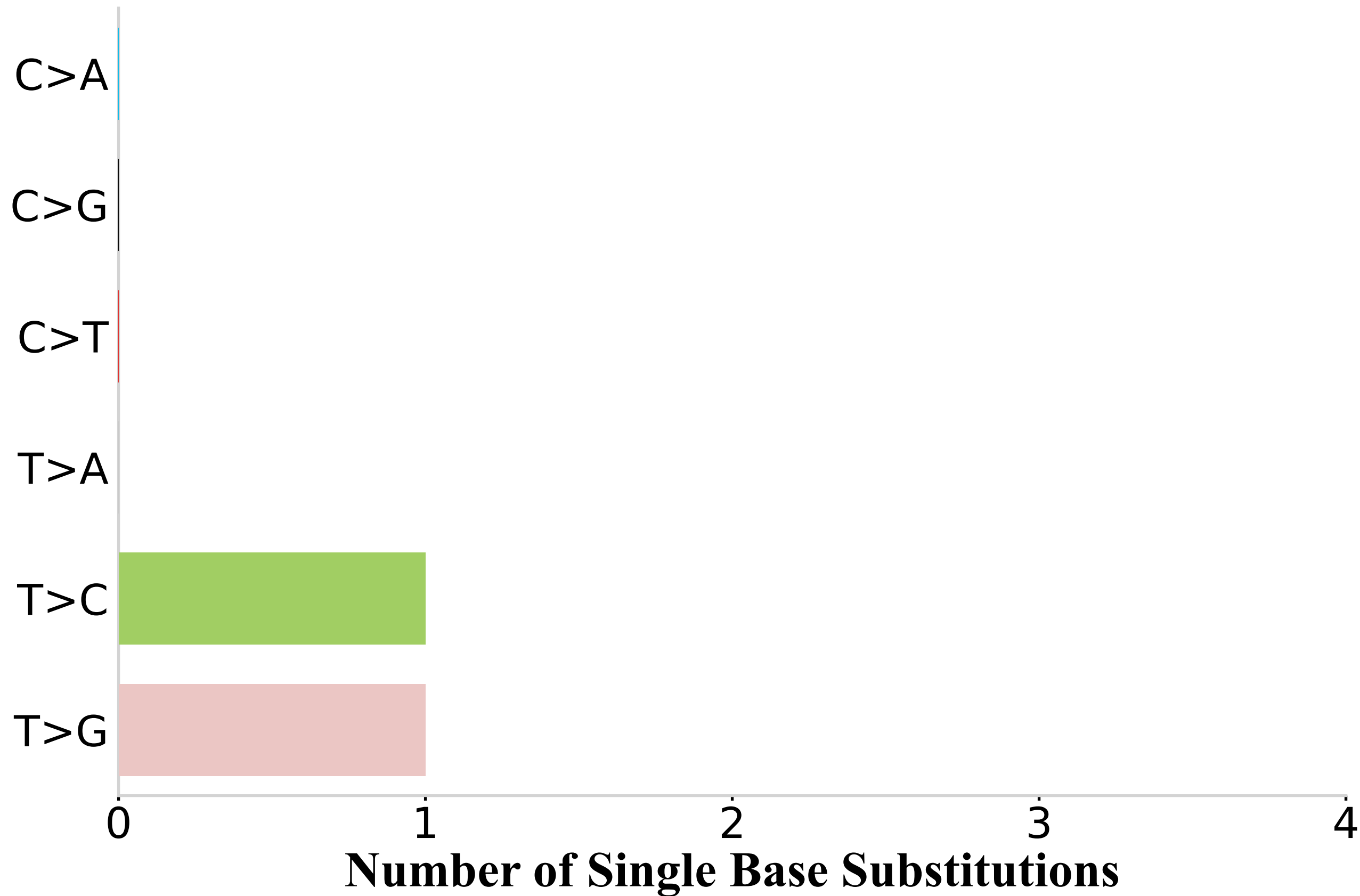
P-0012411-T01-IM5: 1 subs



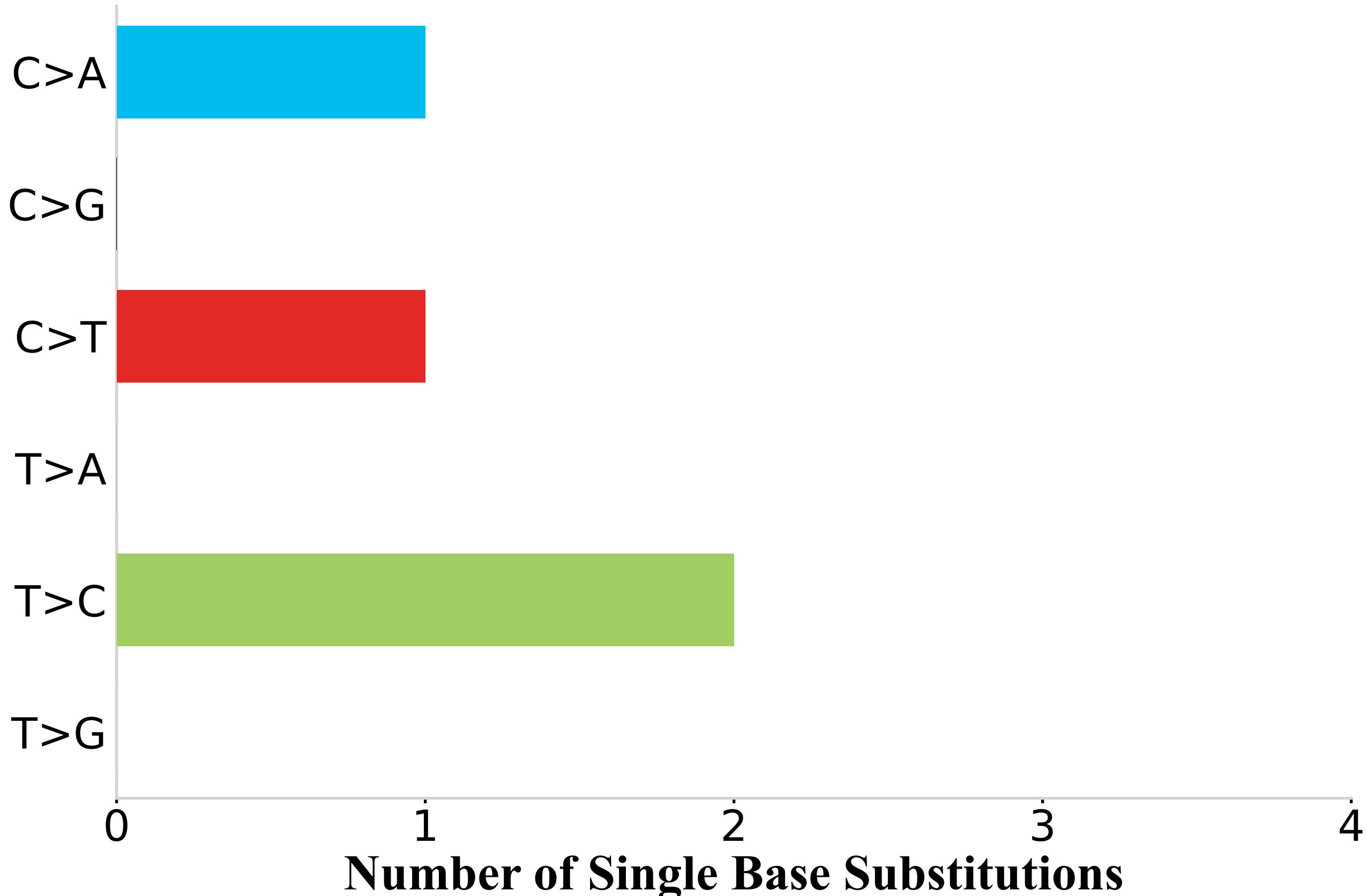
P-0012459-T01-IM5: 1 subs



P-0012564-T01-IM5: 2 subs



P-0013006-T01-IM5: 4 subs



P-0013007-T01-IM5: 0 subs

C>A

C>G

C>T

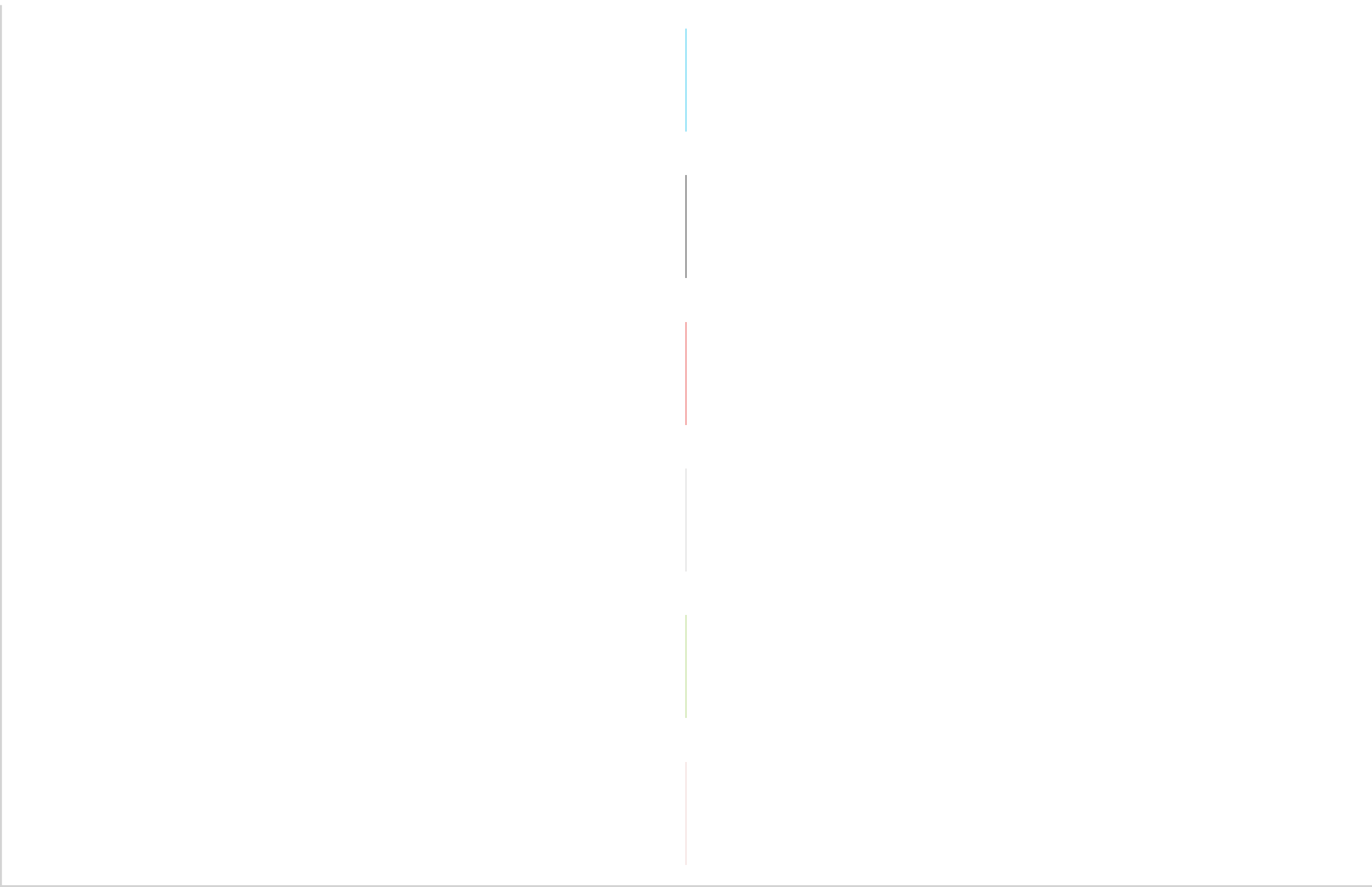
T>A

T>C

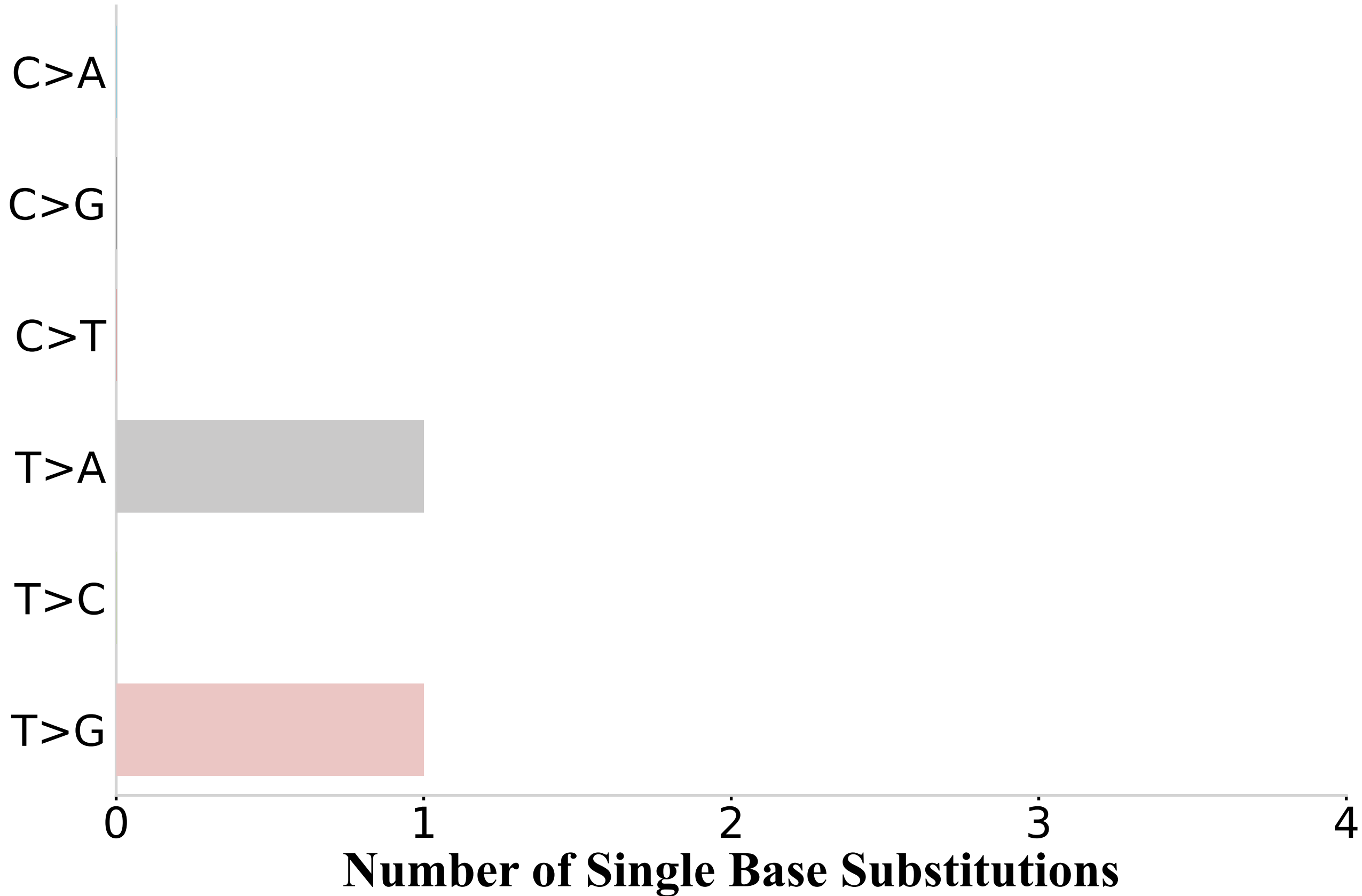
T>G

0

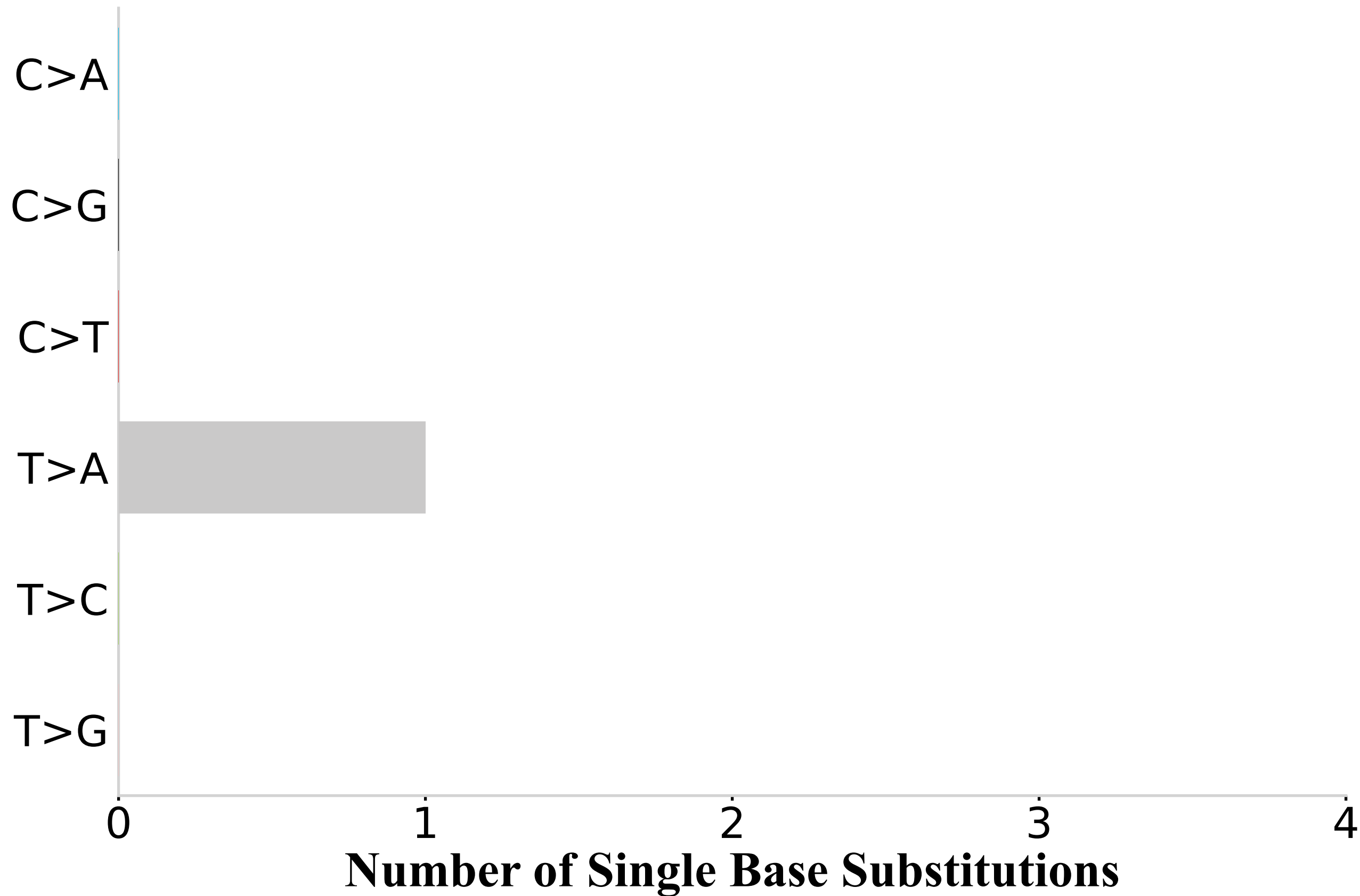
Number of Single Base Substitutions



P-0013017-T01-IM5: 2 subs



P-0013024-T01-IM5: 1 subs



P-0013039-T01-IM5: 0 subs

C>A

C>G

C>T

T>A

T>C

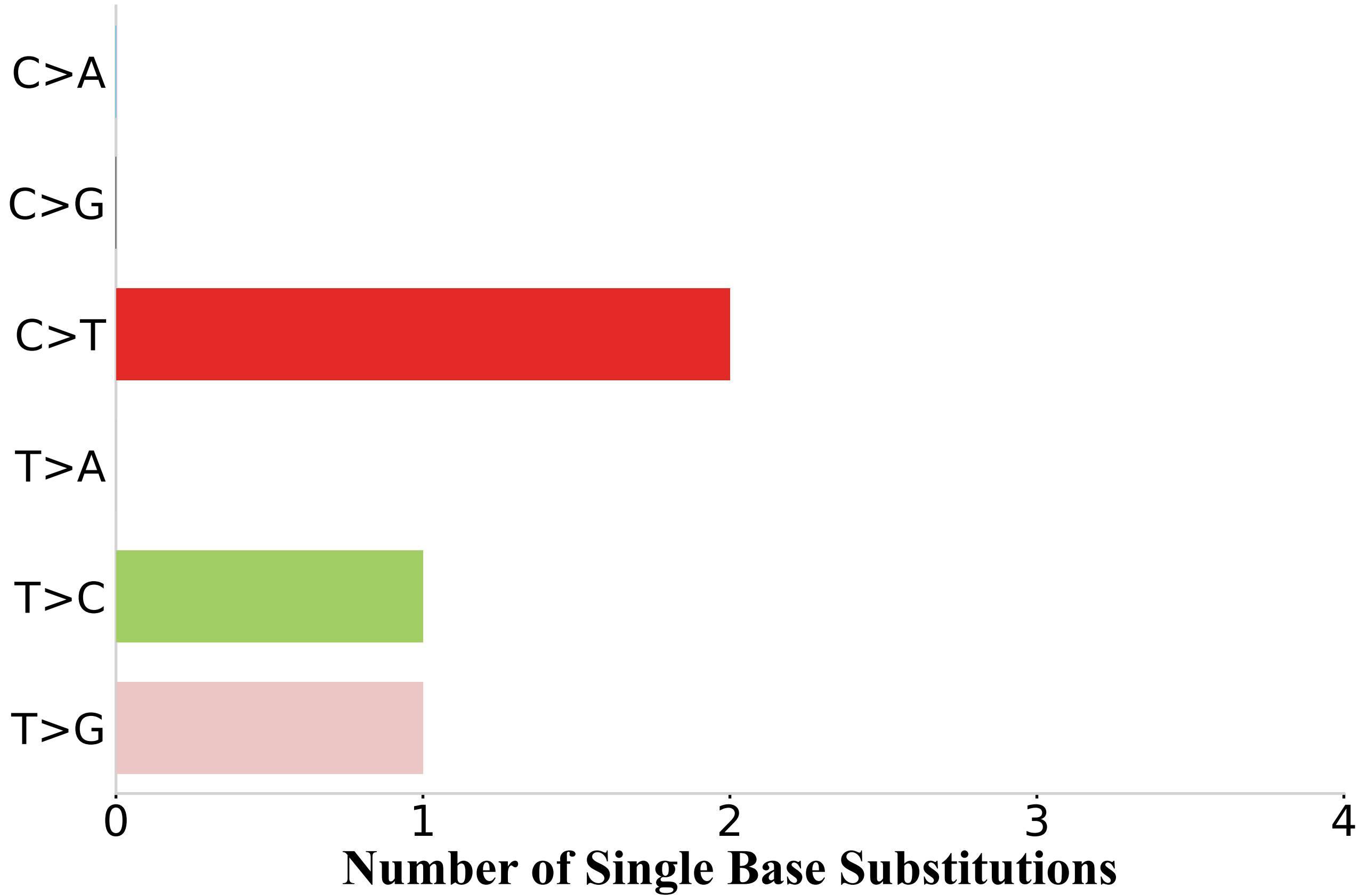
T>G

0

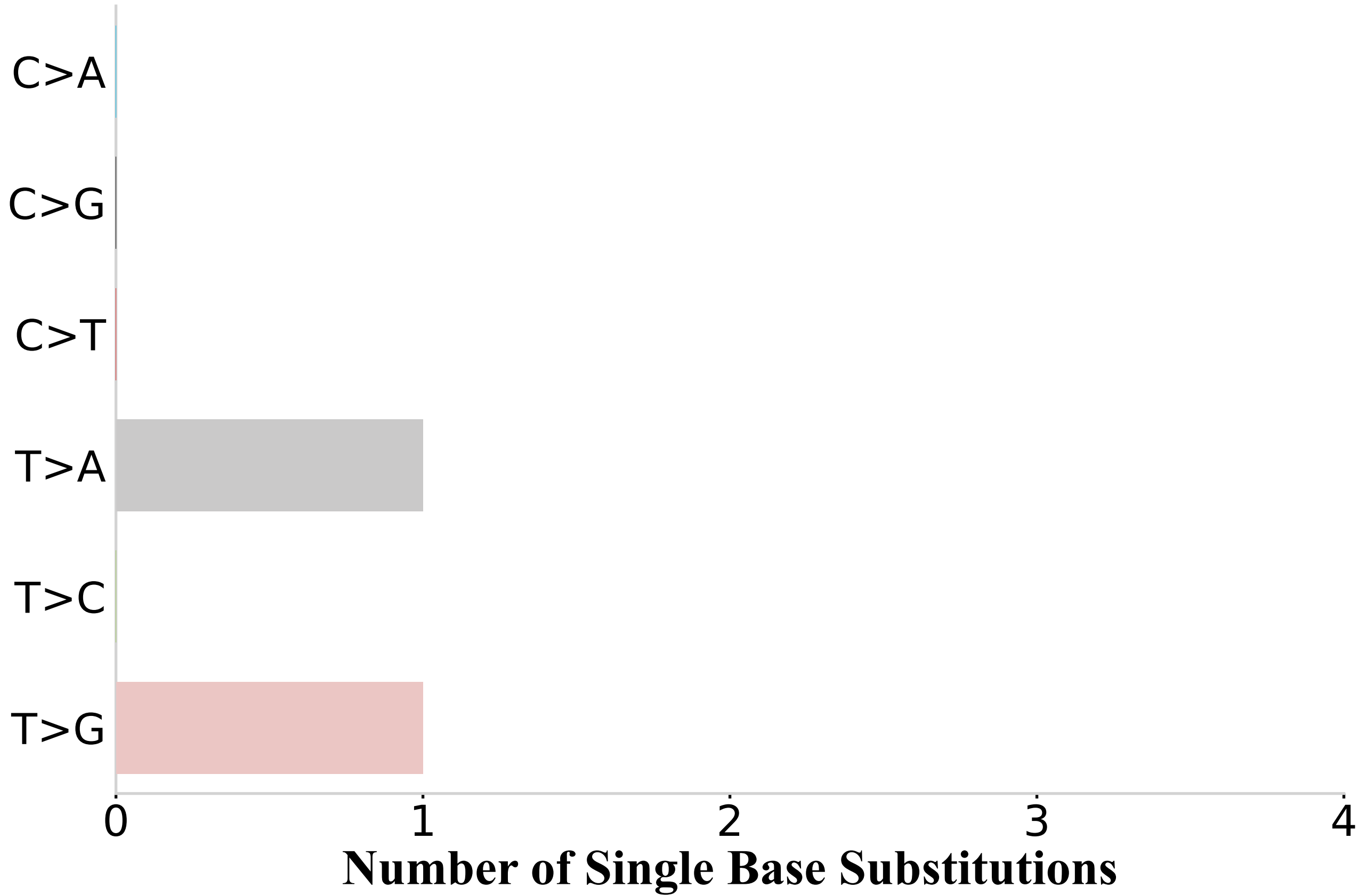
Number of Single Base Substitutions



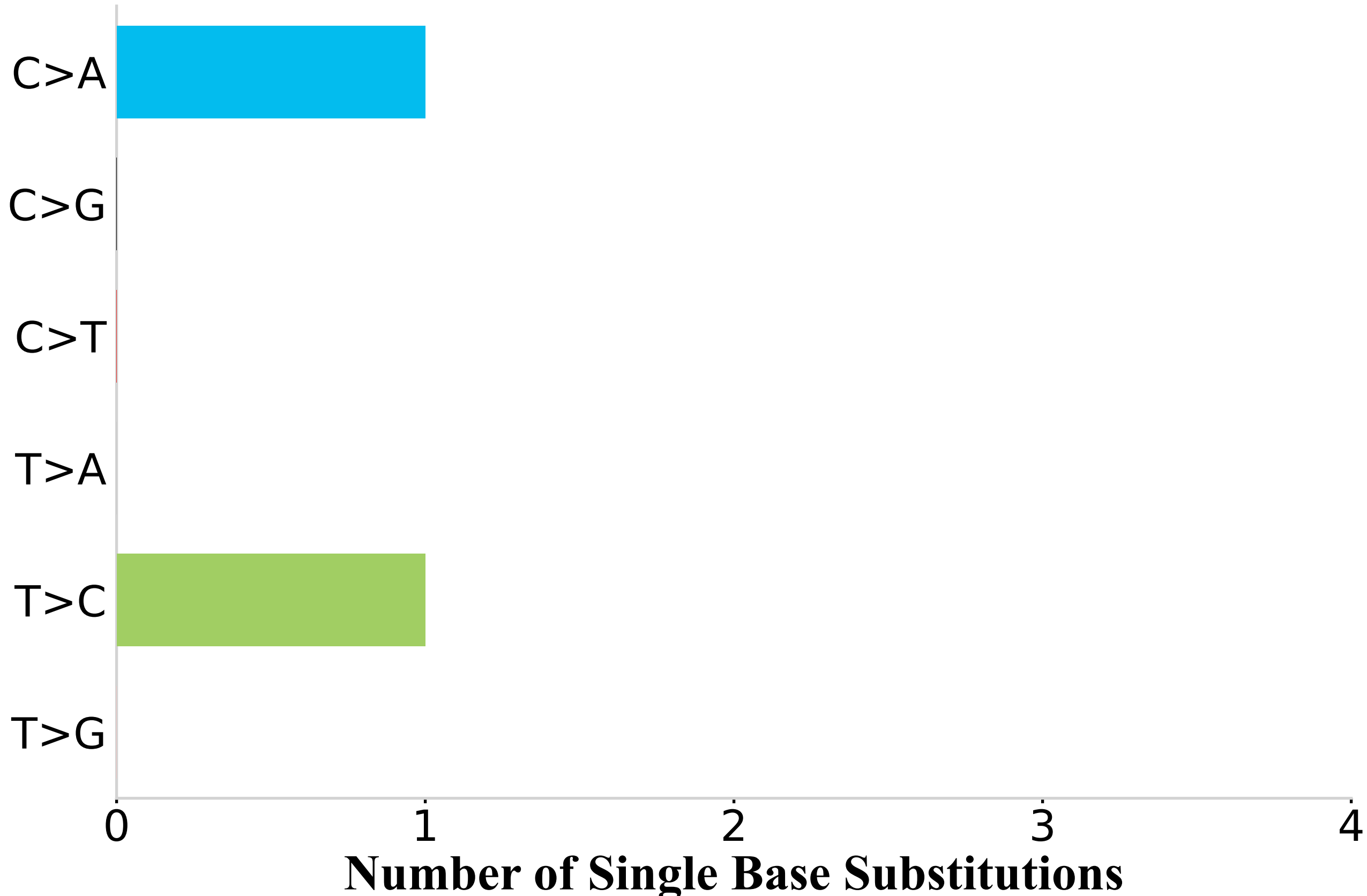
P-0013110-T01-IM5: 4 subs



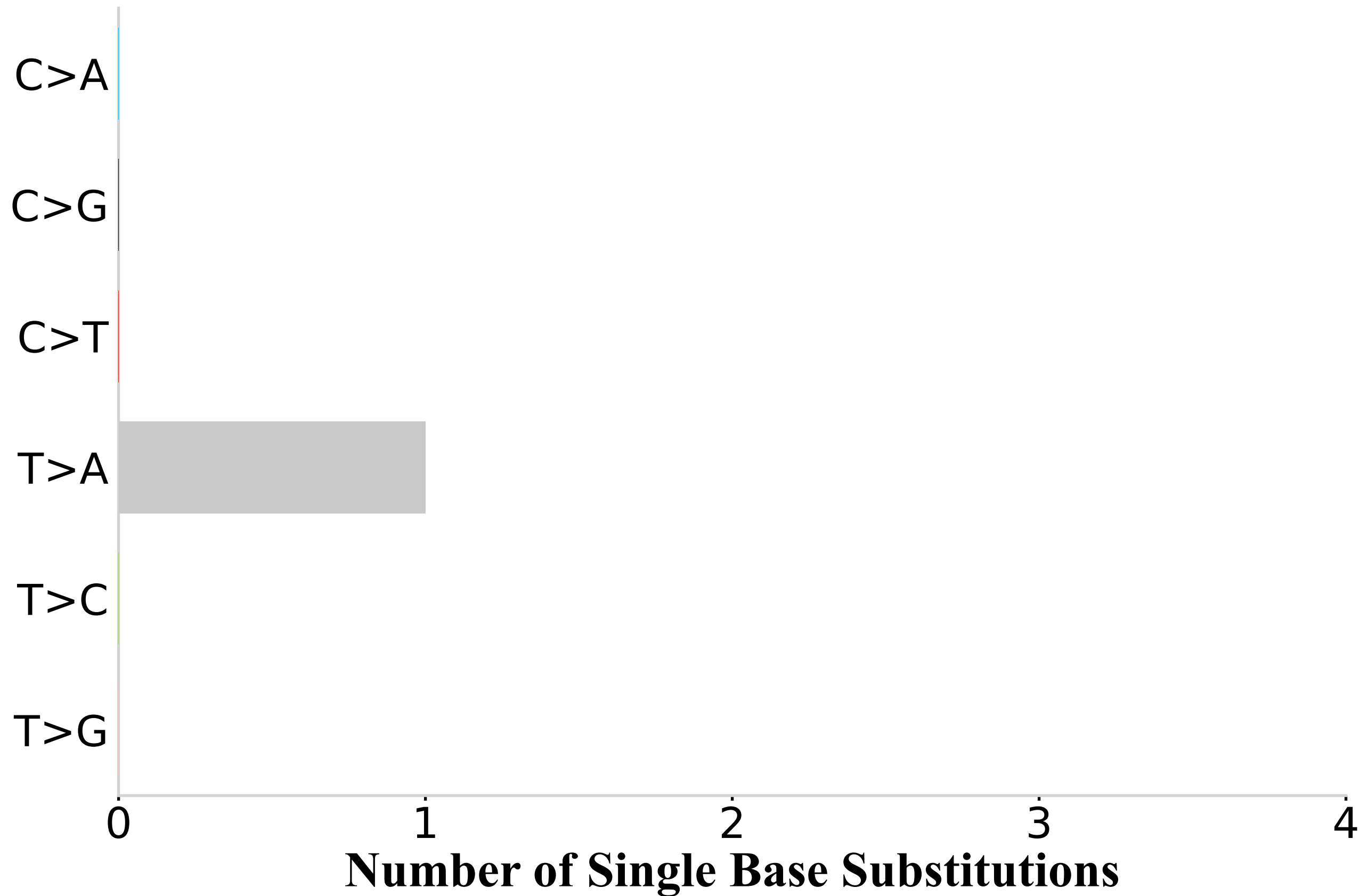
P-0013114-T02-IM6: 2 subs



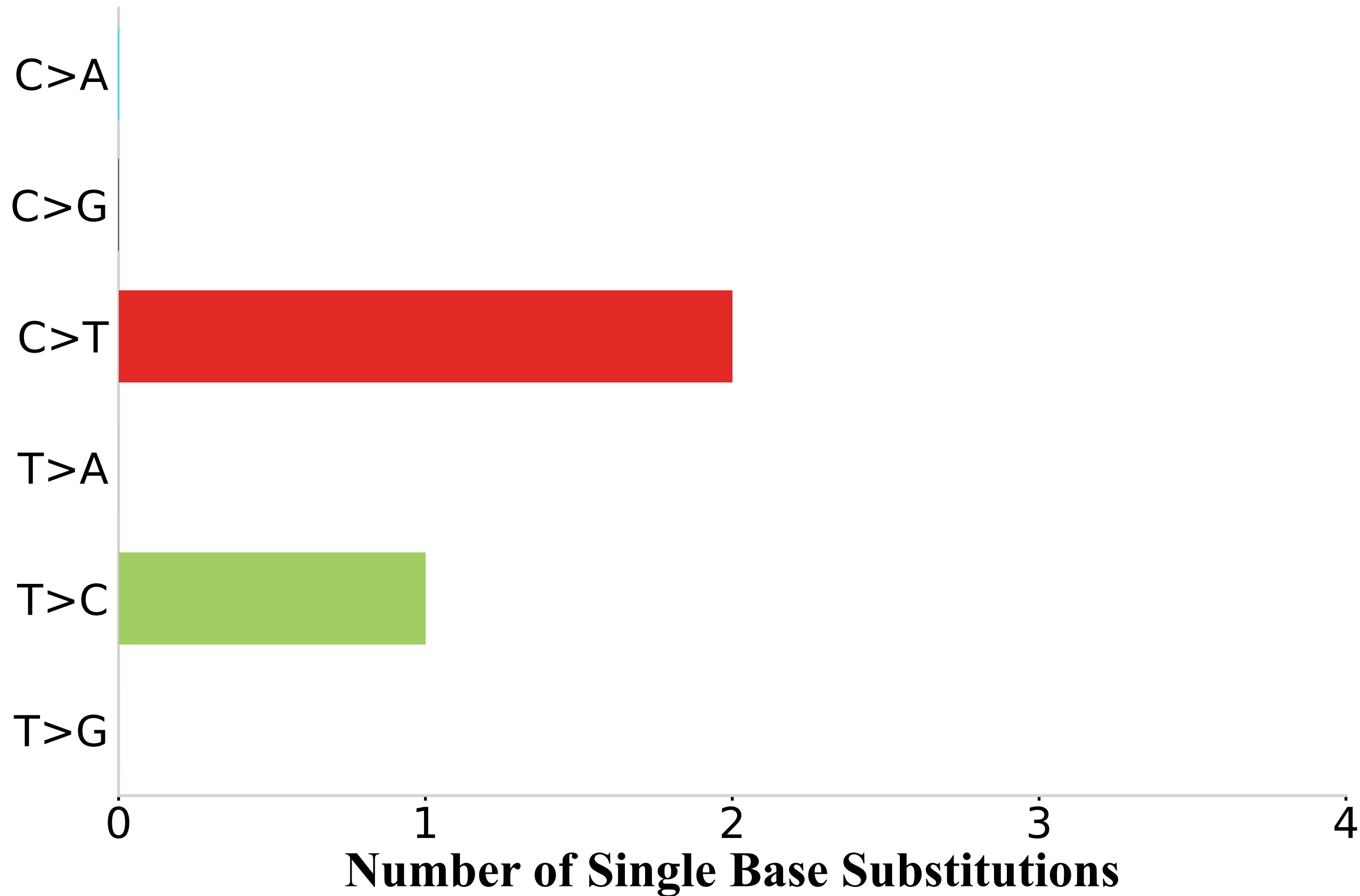
P-0013188-T01-IM5: 2 subs



P-0013235-T01-IM5: 1 subs



P-0013393-T01-IM5: 3 subs



P-0013410-T01-IM5: 0 subs

C>A

C>G

C>T

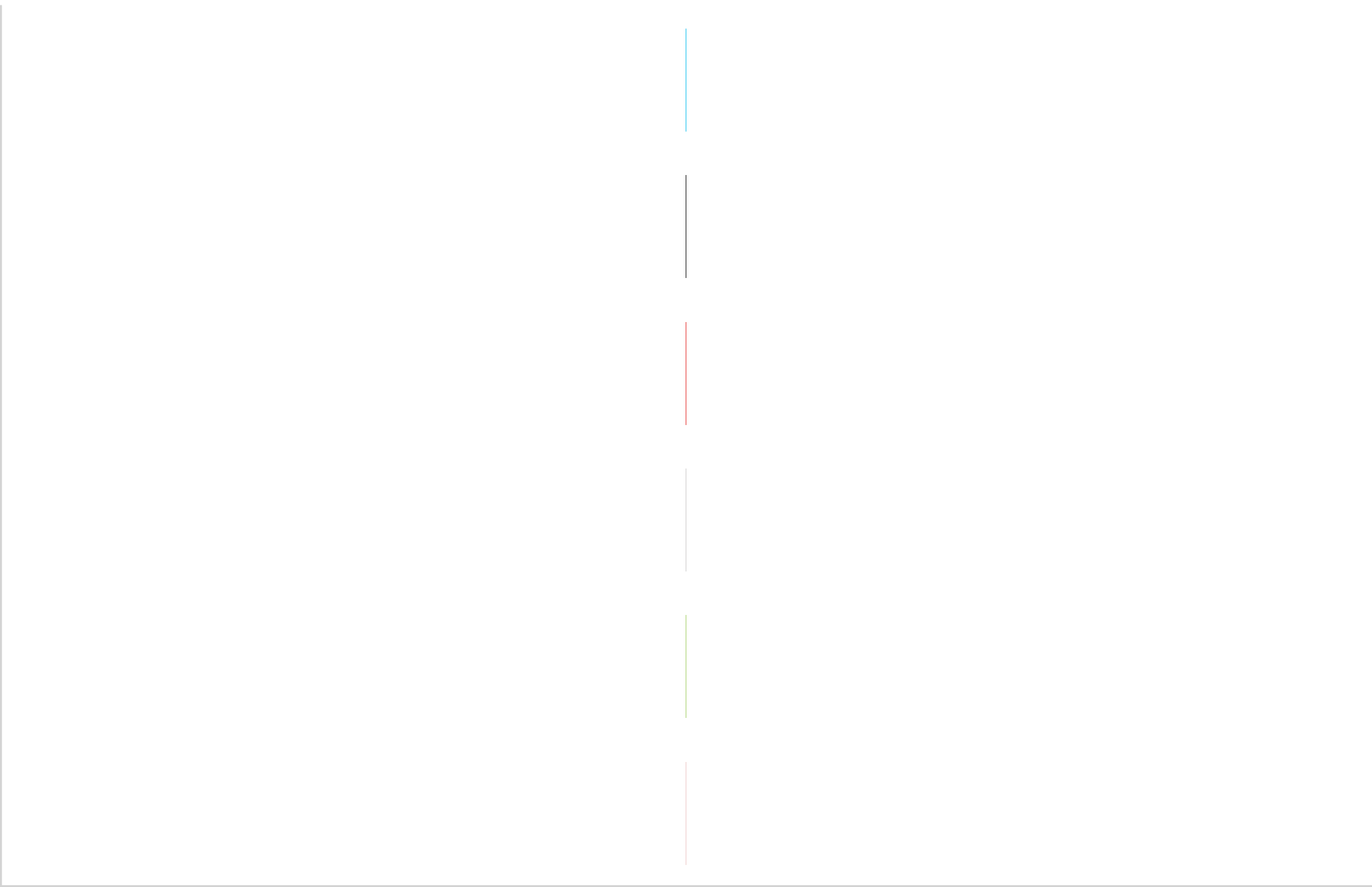
T>A

T>C

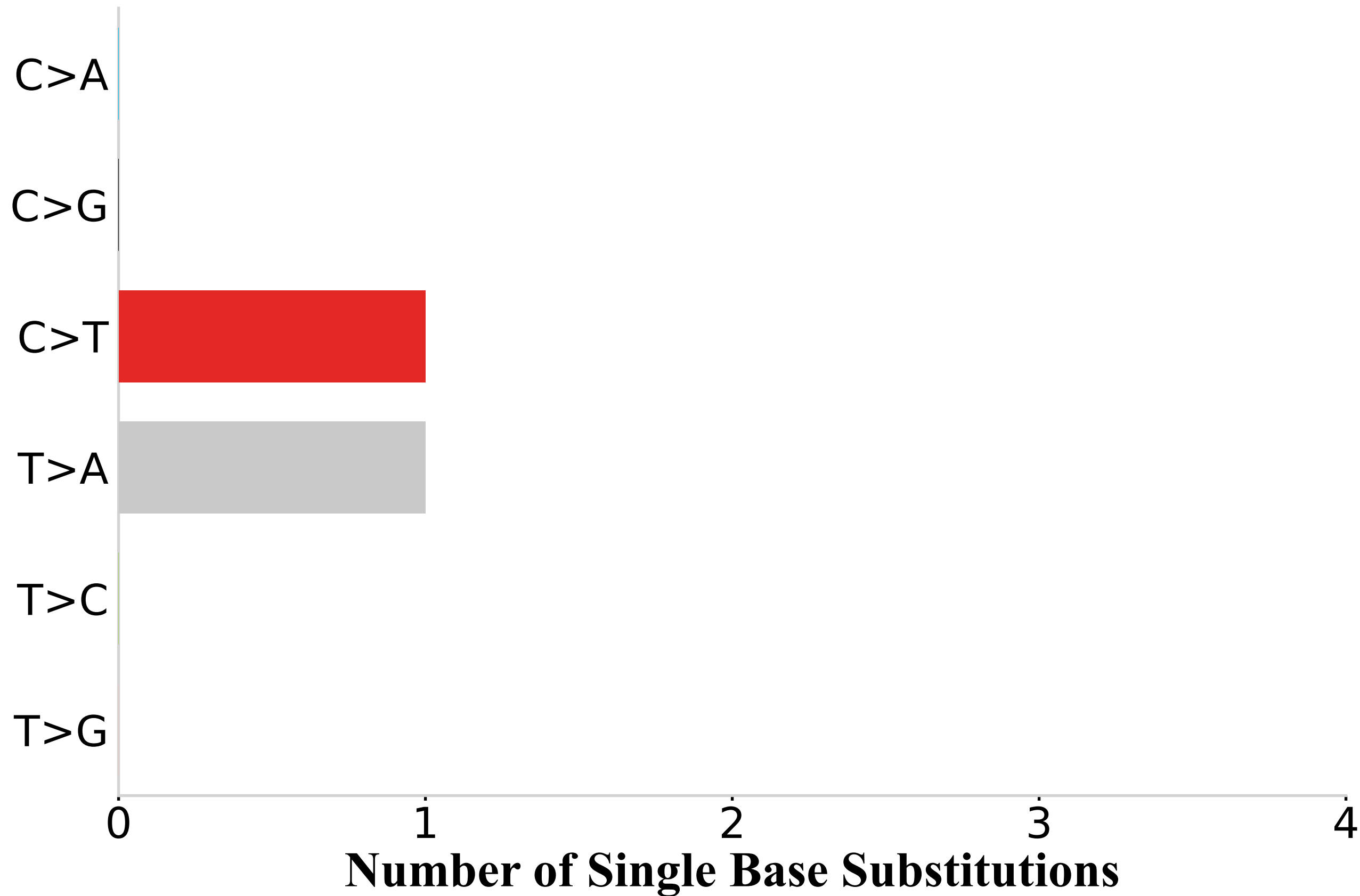
T>G

0

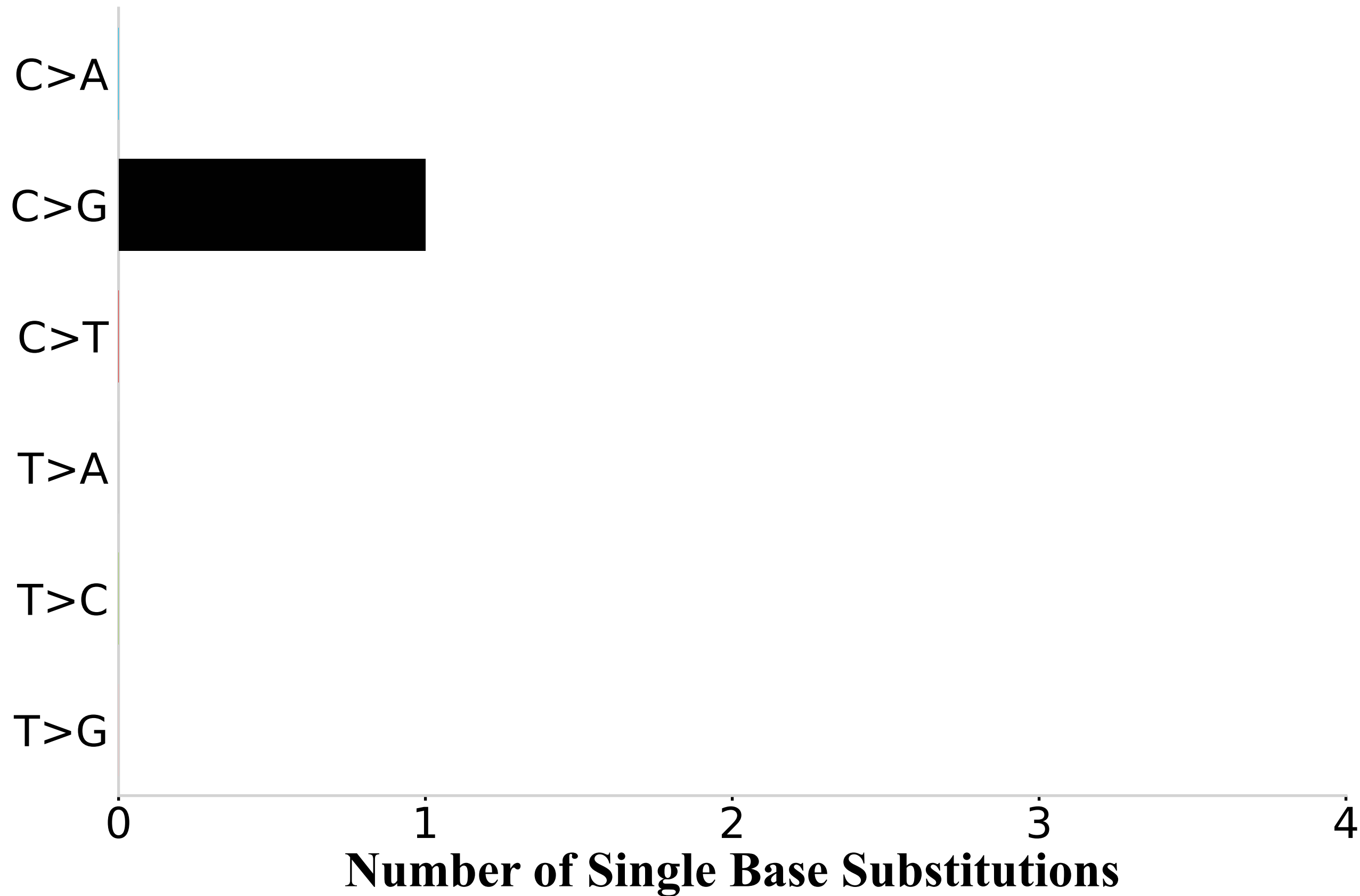
Number of Single Base Substitutions



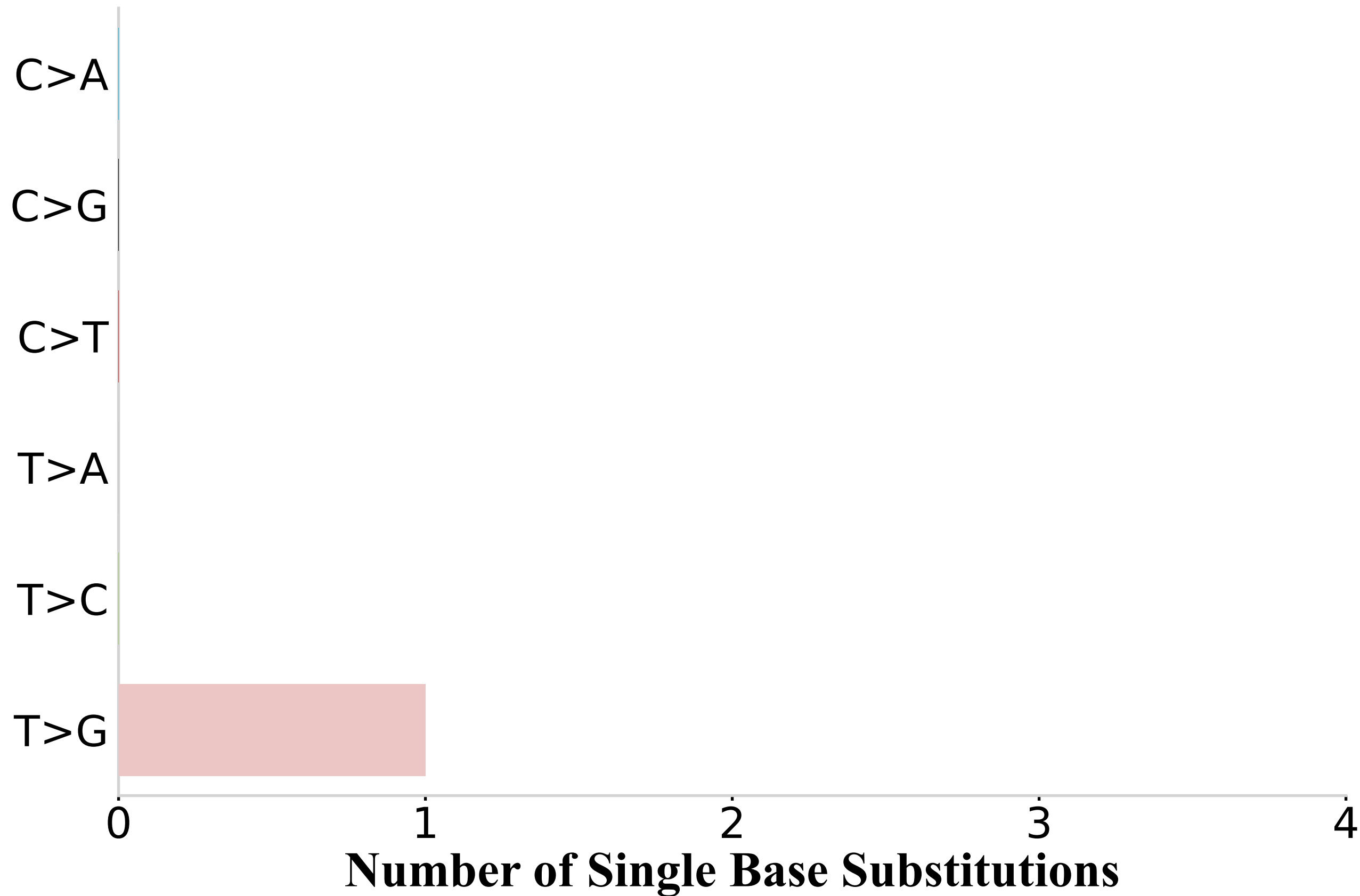
P-0013433-T01-IM5: 2 subs



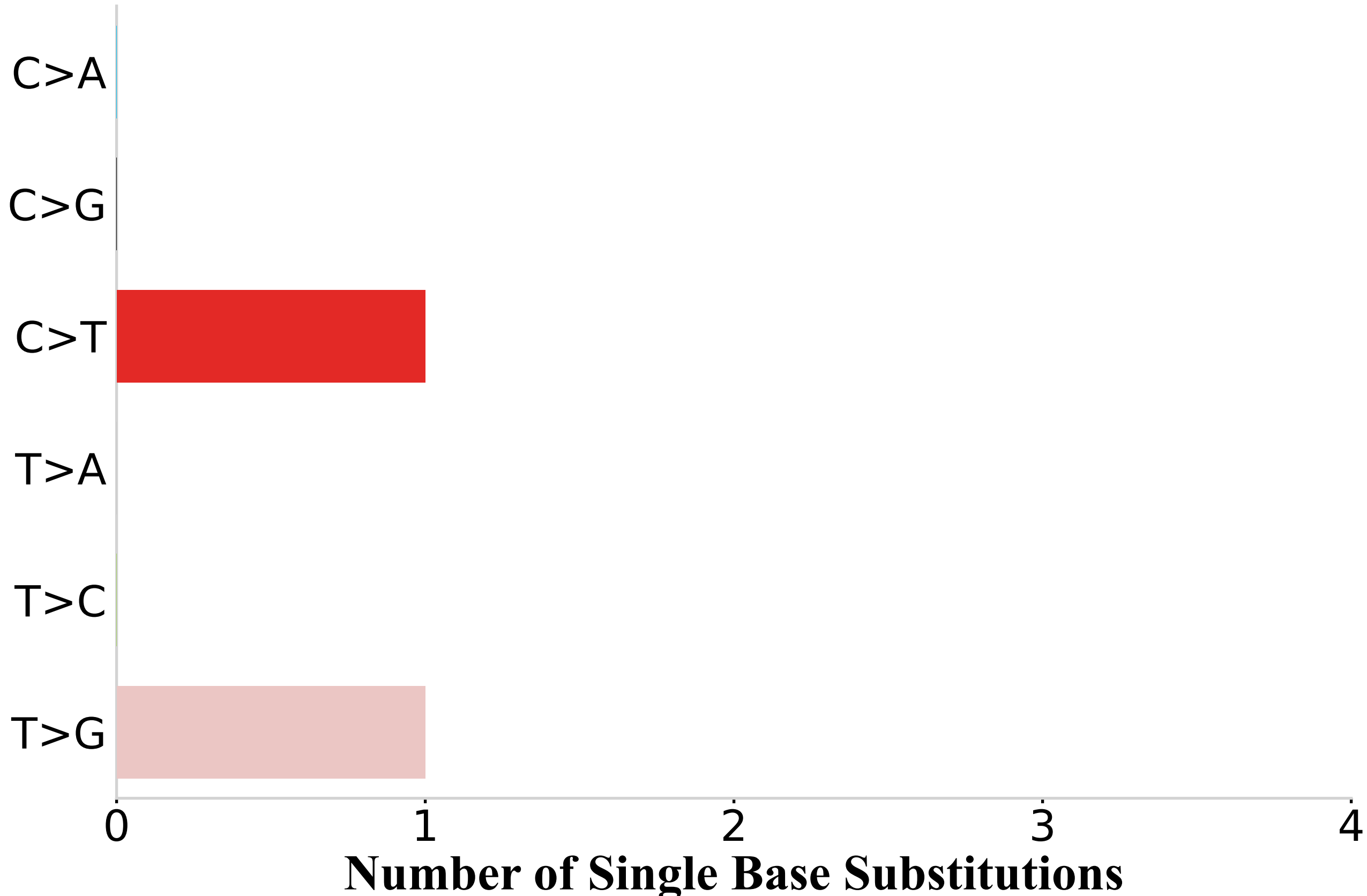
P-0013440-T01-IM5: 1 subs



P-0013447-T01-IM5: 1 subs



P-0013776-T01-IM5: 2 subs



P-0013789-T01-IM5: 0 subs

C>A

C>G

C>T

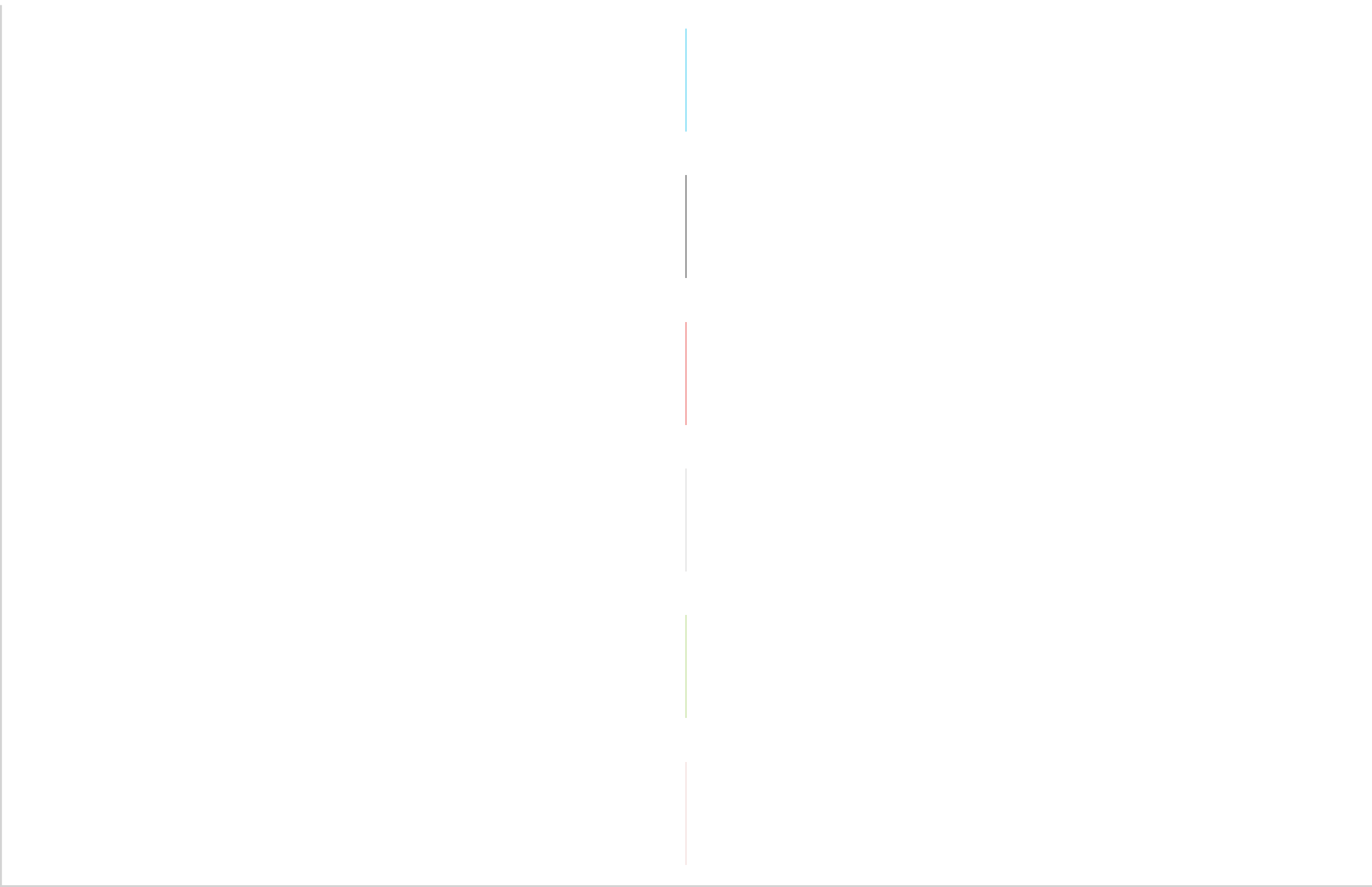
T>A

T>C

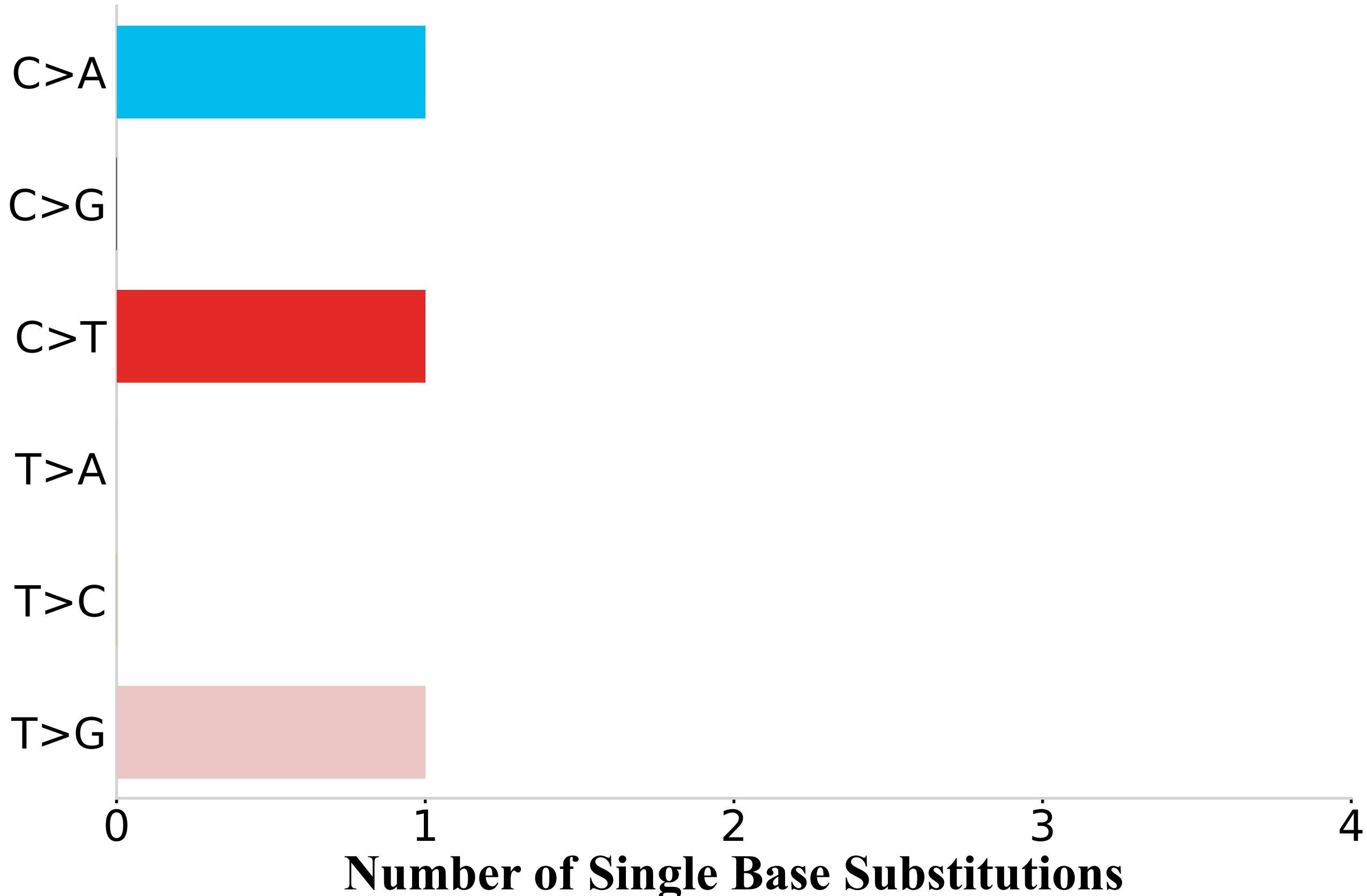
T>G

0

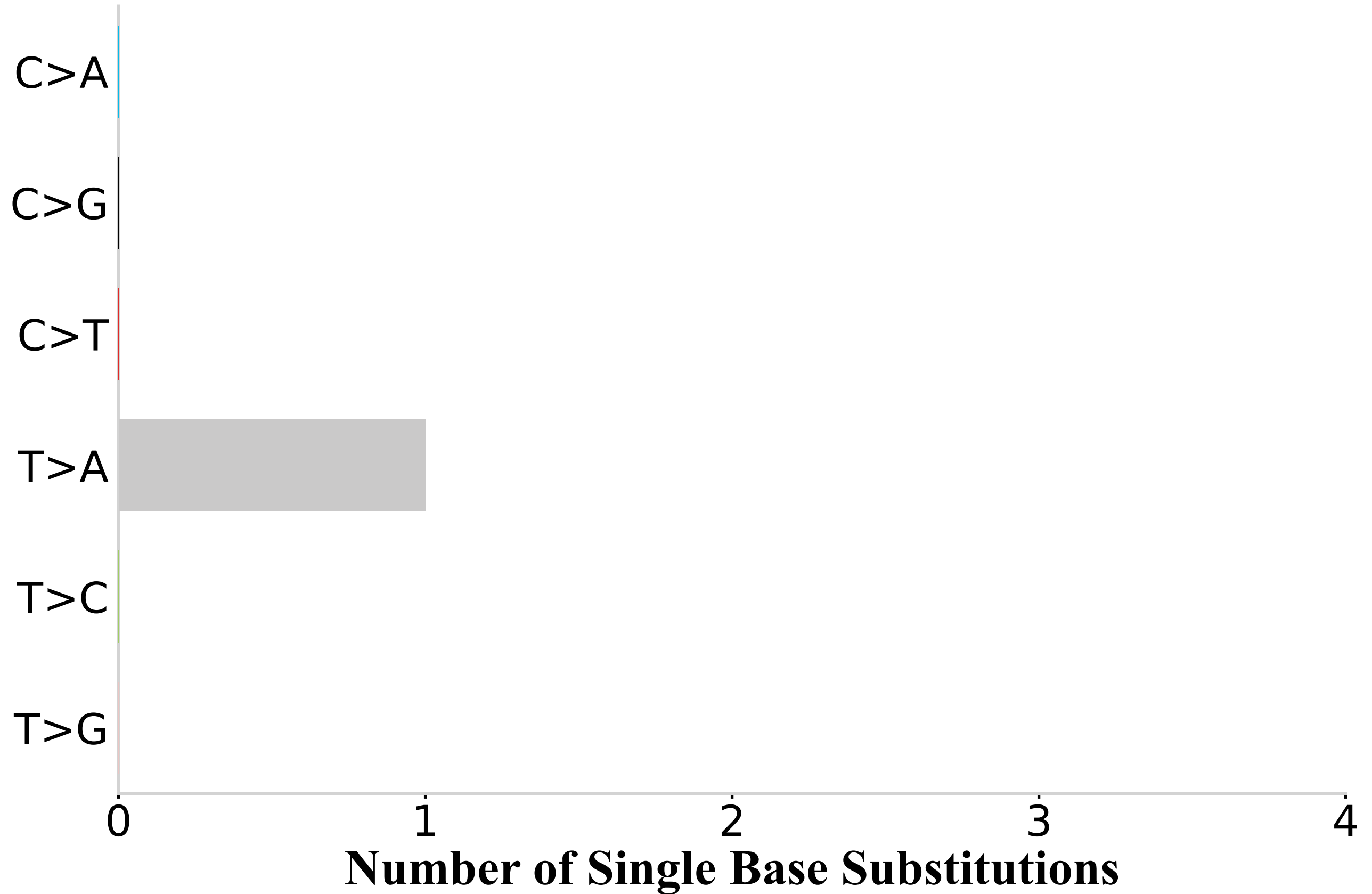
Number of Single Base Substitutions



P-0013795-T01-IM5: 3 subs



P-0014074-T01-IM5: 1 subs



P-0014165-T01-IM5: 0 subs

C>A

C>G

C>T

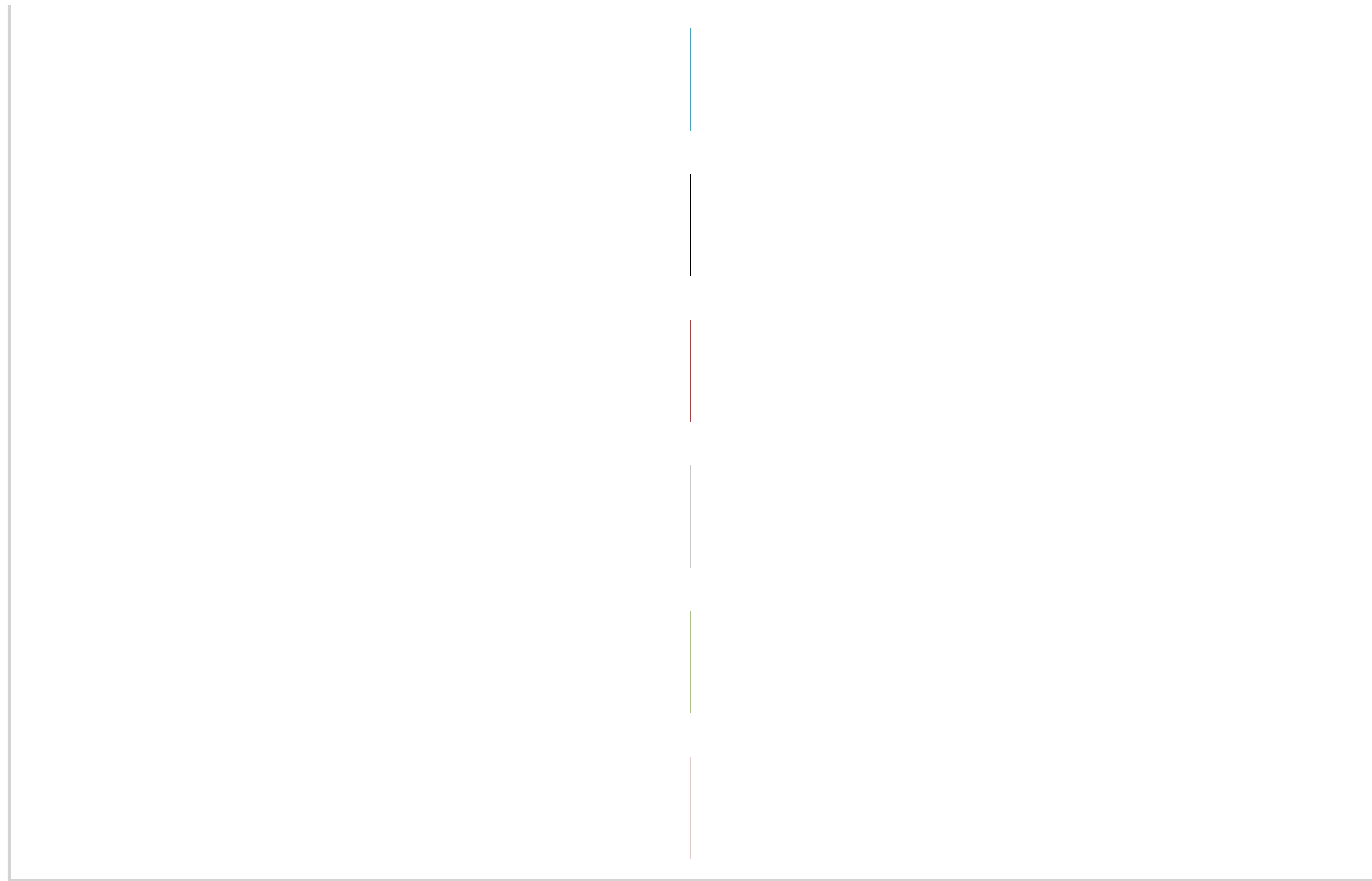
T>A

T>C

T>G

0

Number of Single Base Substitutions



P-0014184-T02-IM6: 0 subs

C>A

C>G

C>T

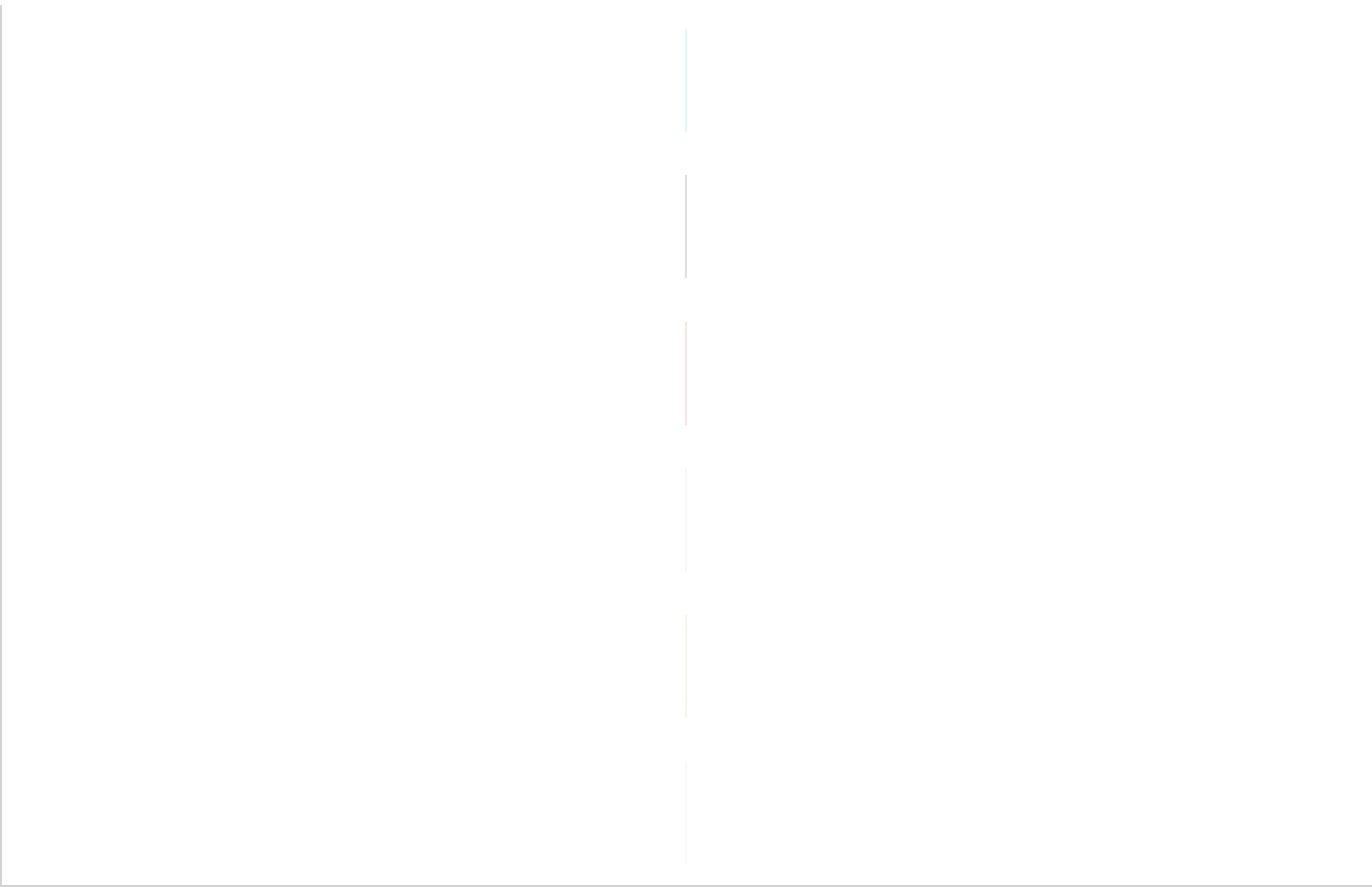
T>A

T>C

T>G

0

Number of Single Base Substitutions



P-0014241-T01-IM6: 2 subs



P-0014247-T01-IM6: 0 subs

C>A

C>G

C>T

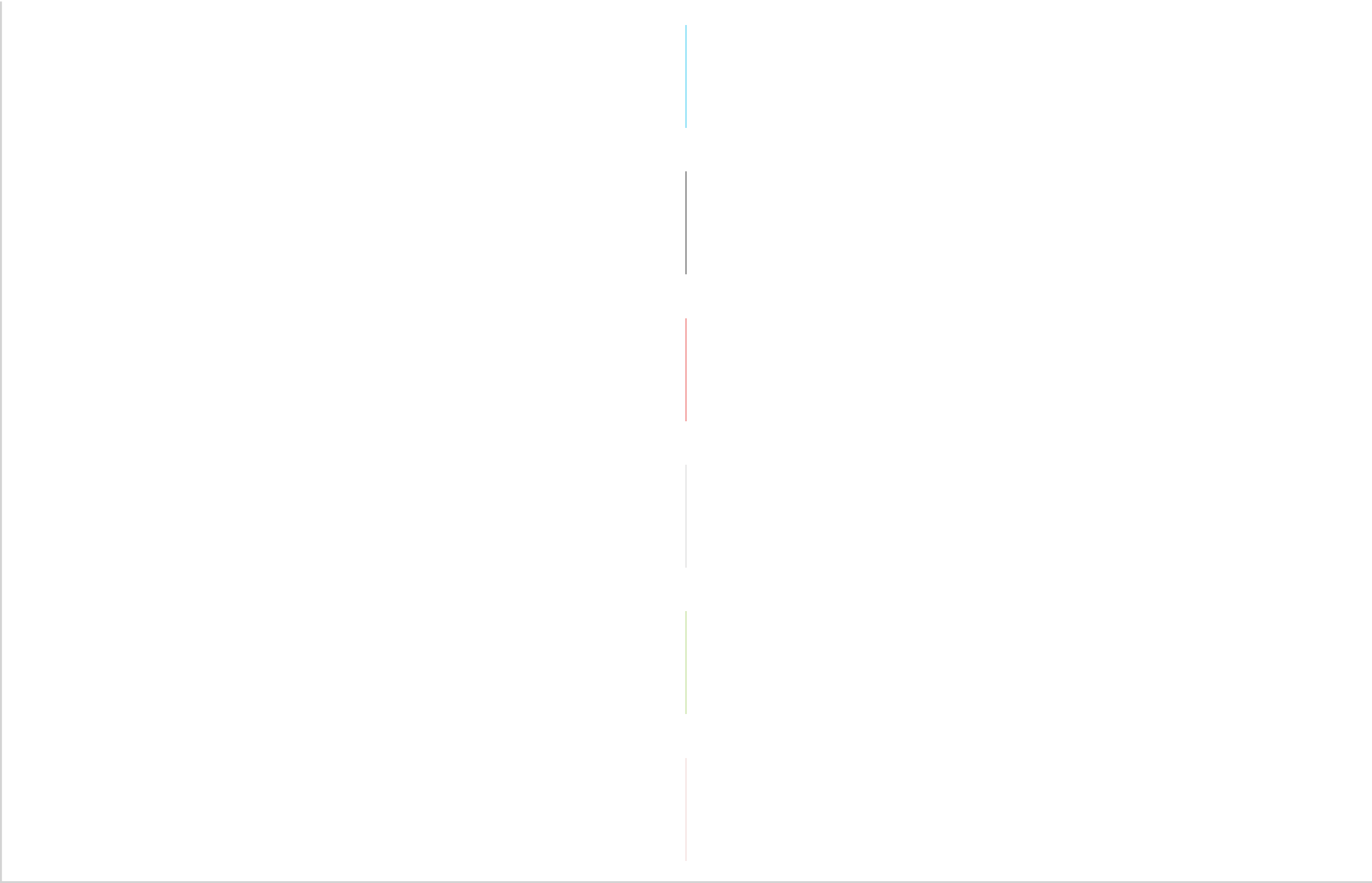
T>A

T>C

T>G

0

Number of Single Base Substitutions



P-0014295-T01-IM6: 0 subs

C>A

C>G

C>T

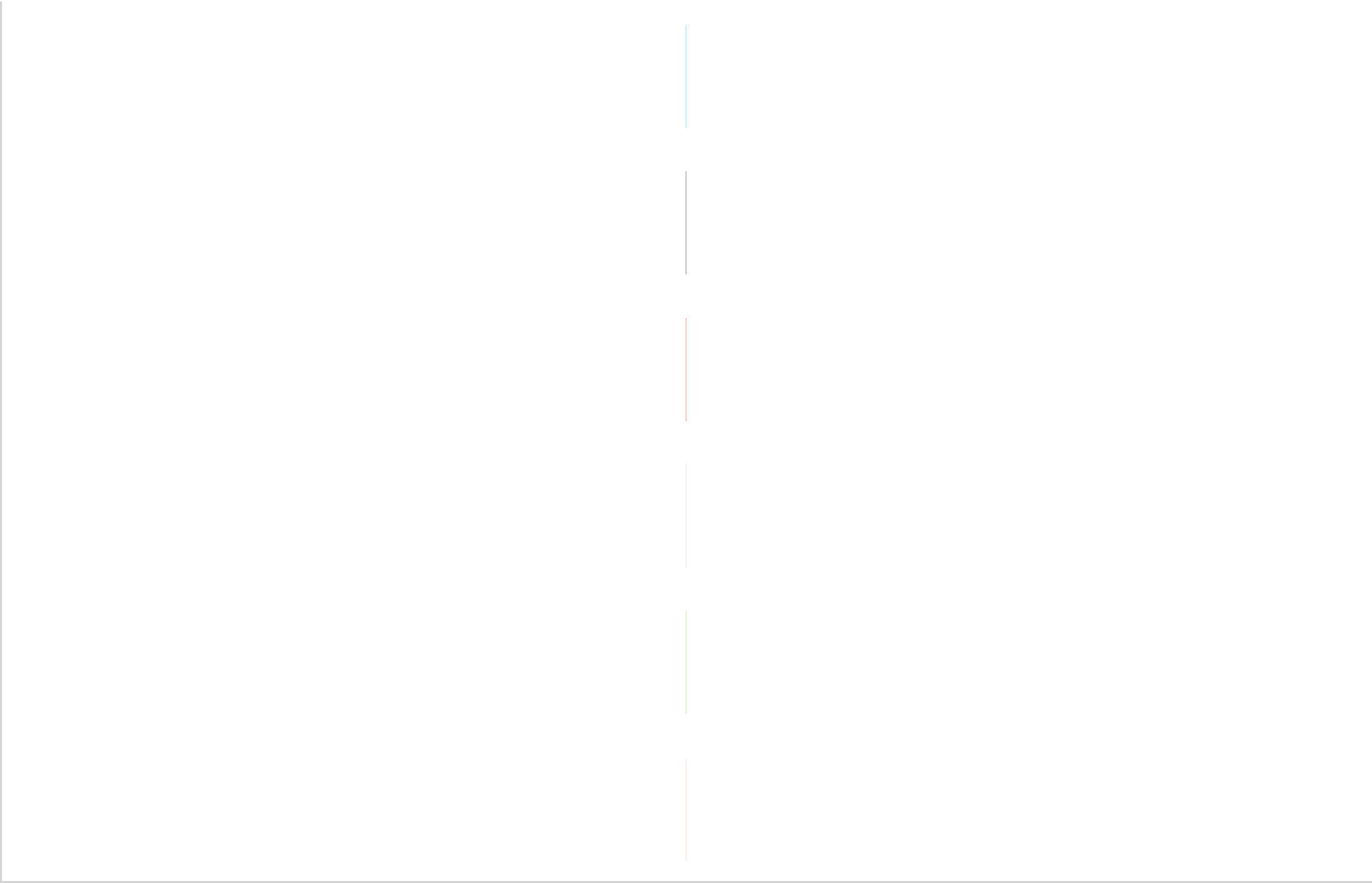
T>A

T>C

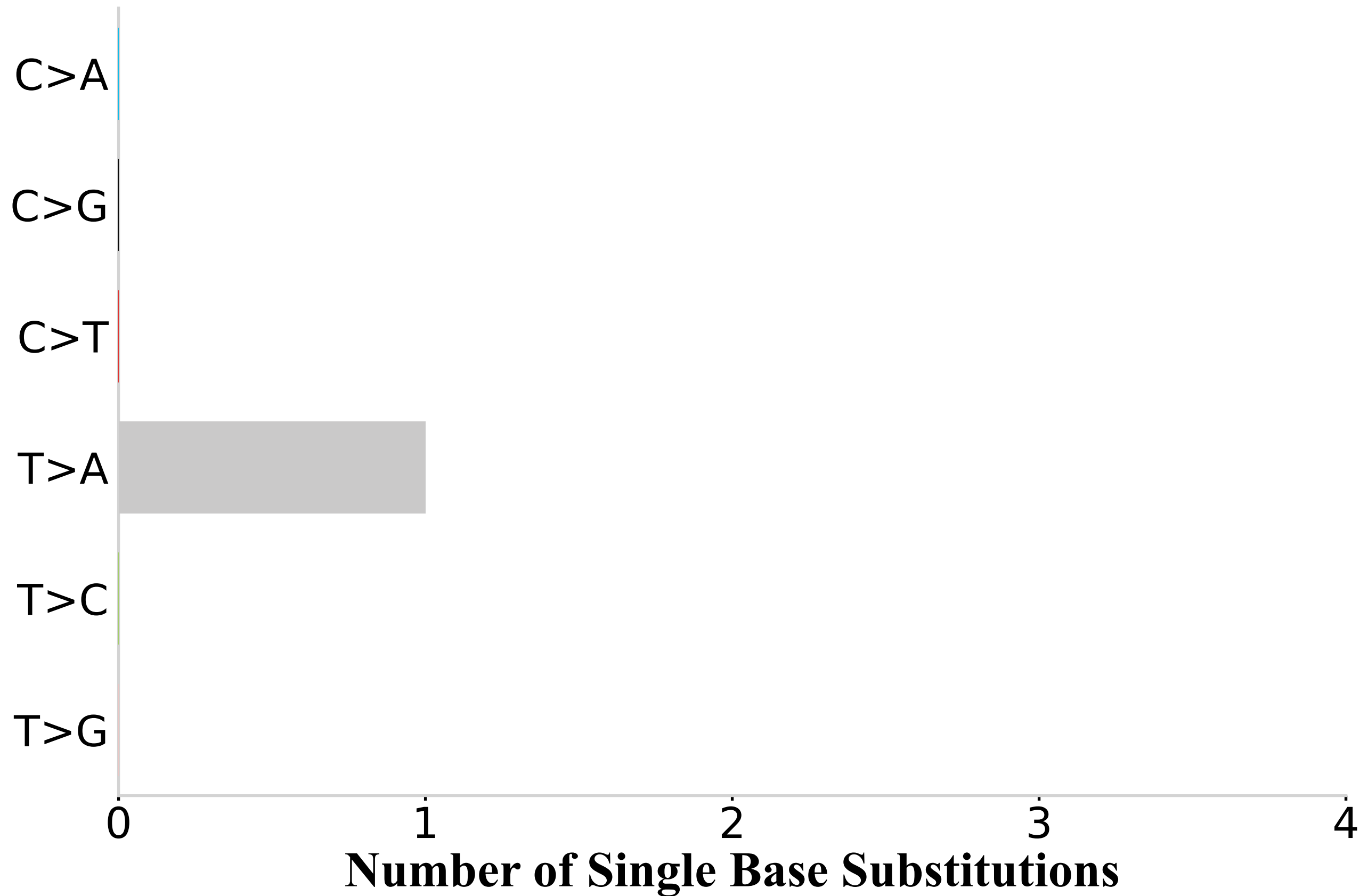
T>G

0

Number of Single Base Substitutions



P-0014330-T01-IM6: 1 subs



P-0014399-T01-IM6: 0 subs

C>A

C>G

C>T

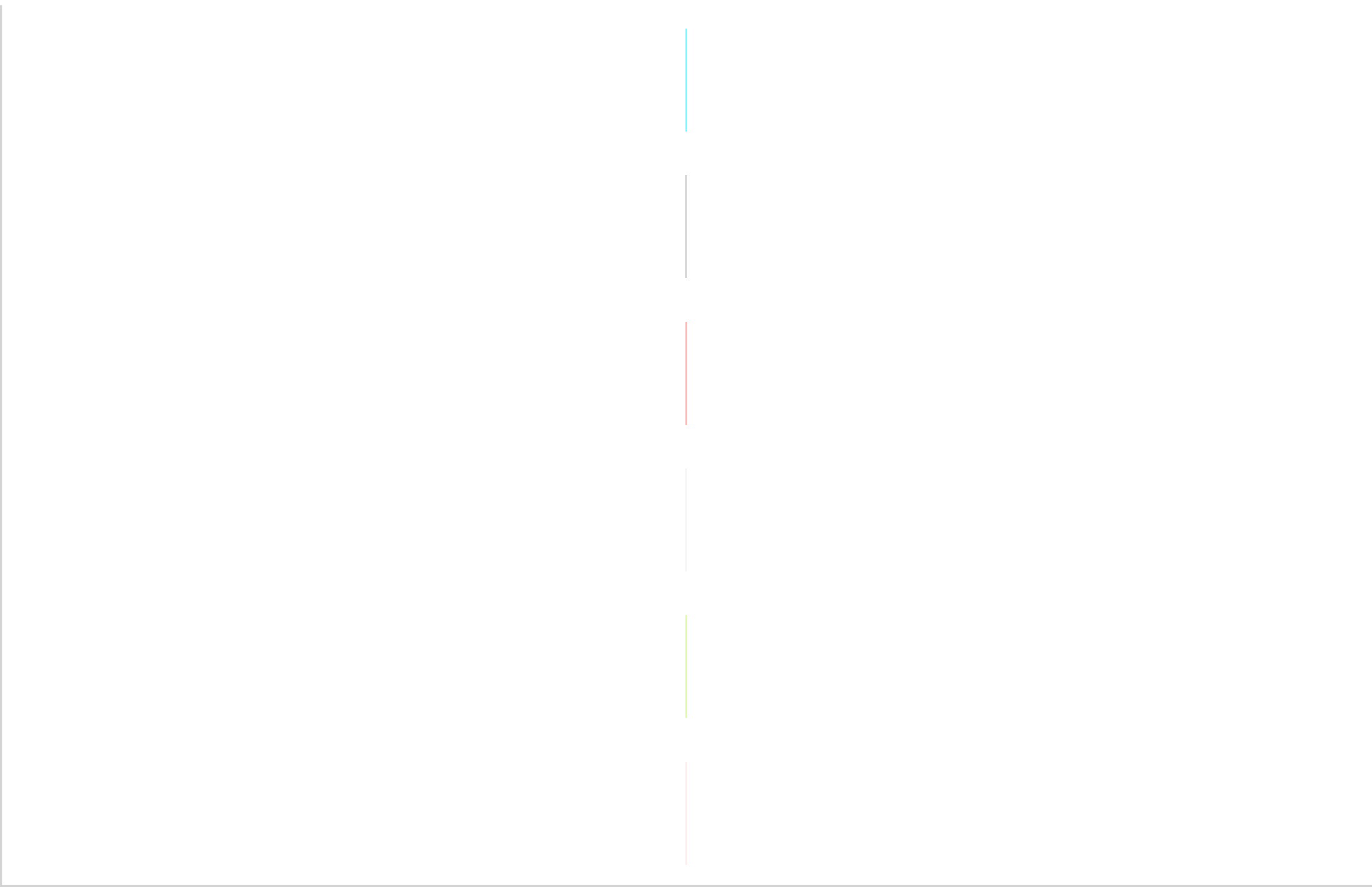
T>A

T>C

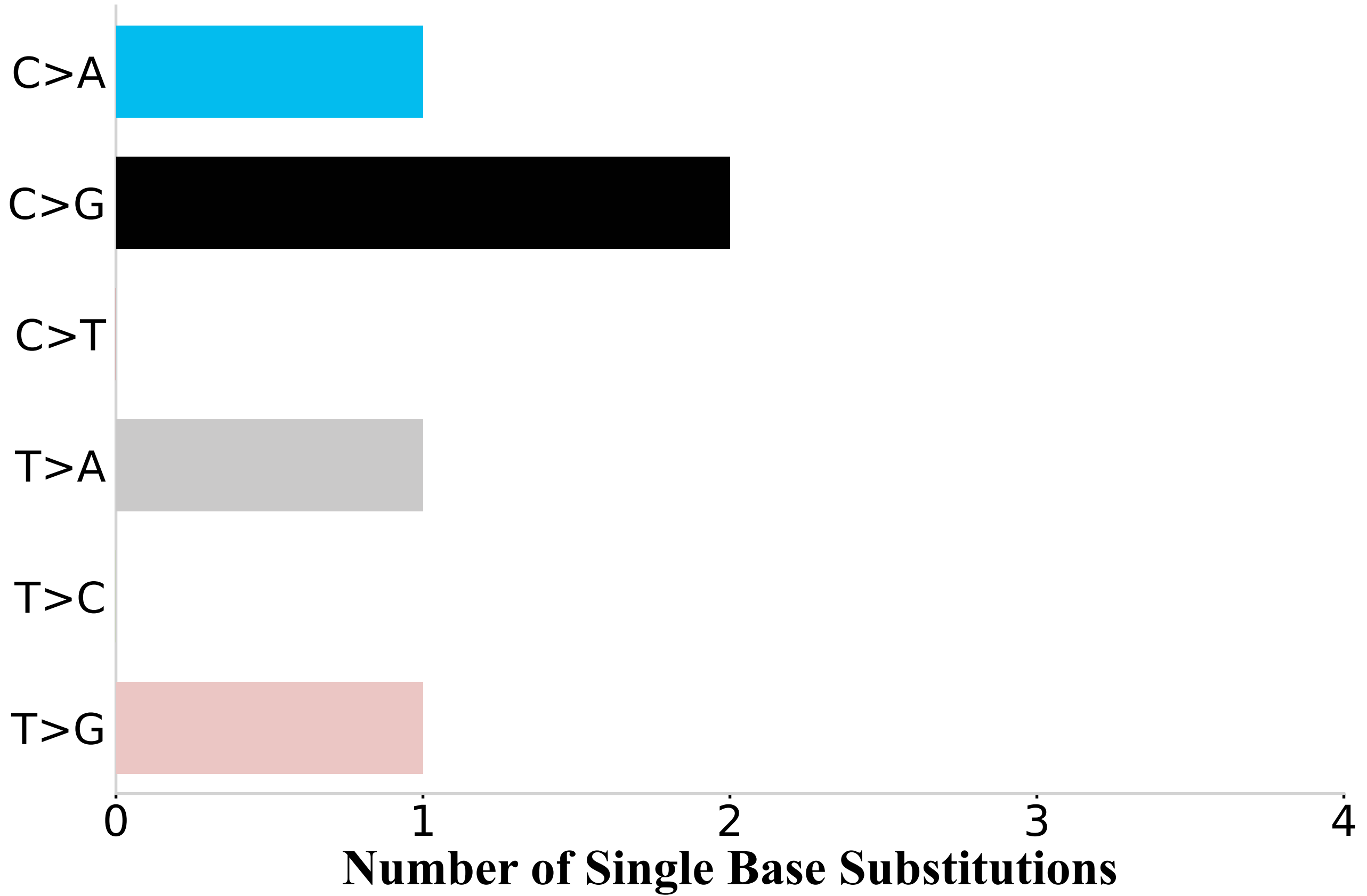
T>G

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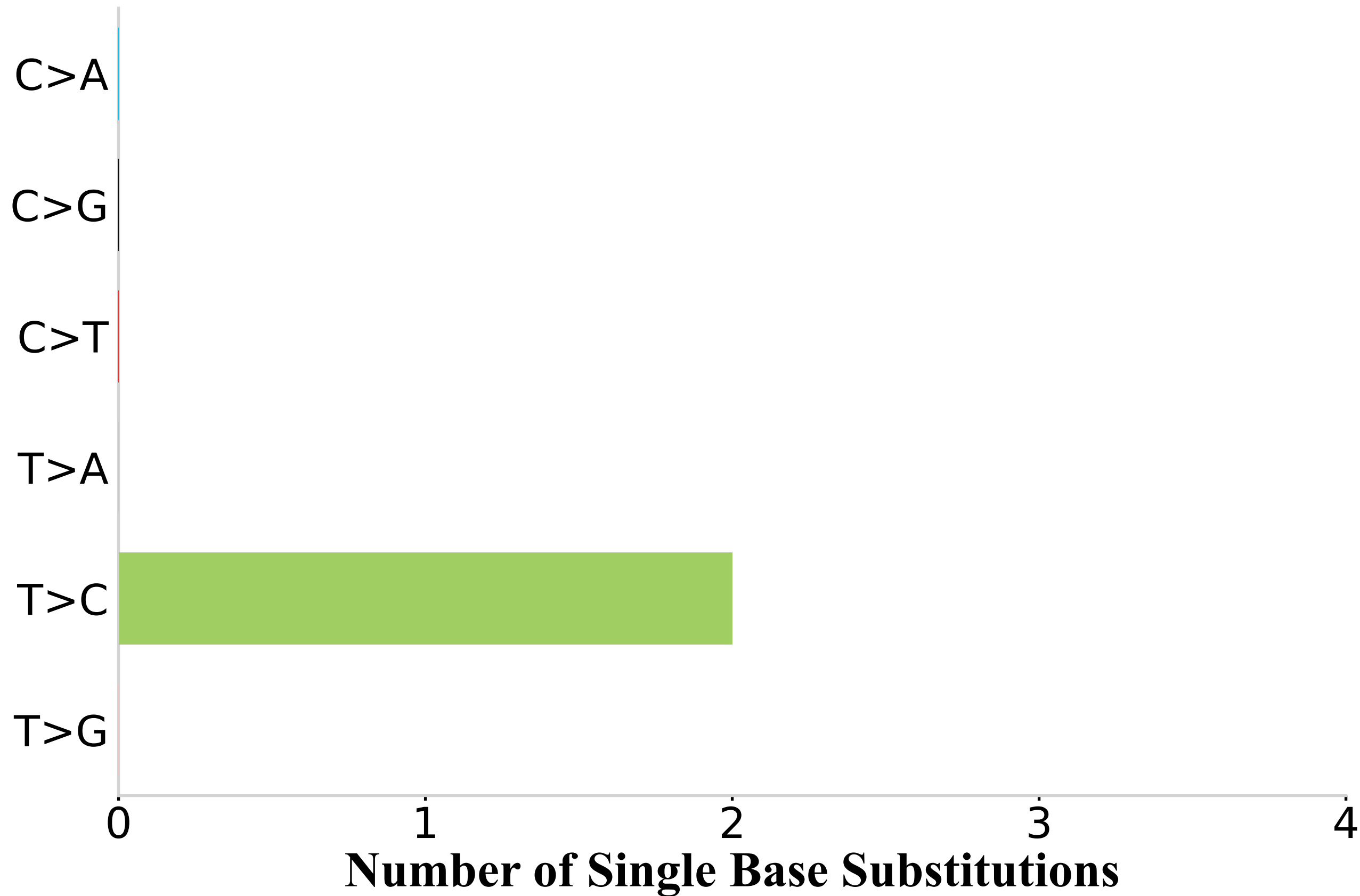
Number of Single Base Substitutions



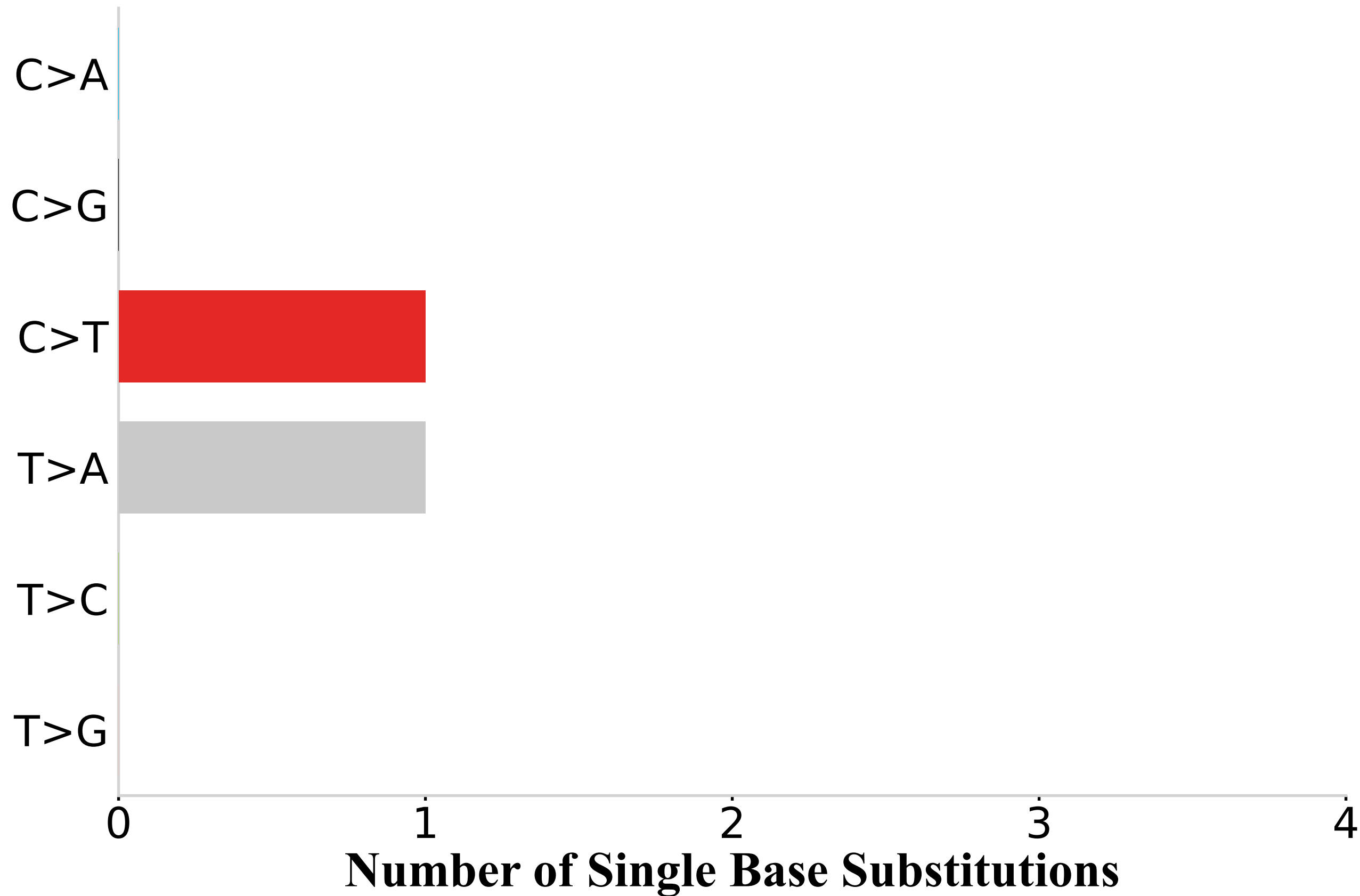
P-0014411-T01-IM6: 5 subs



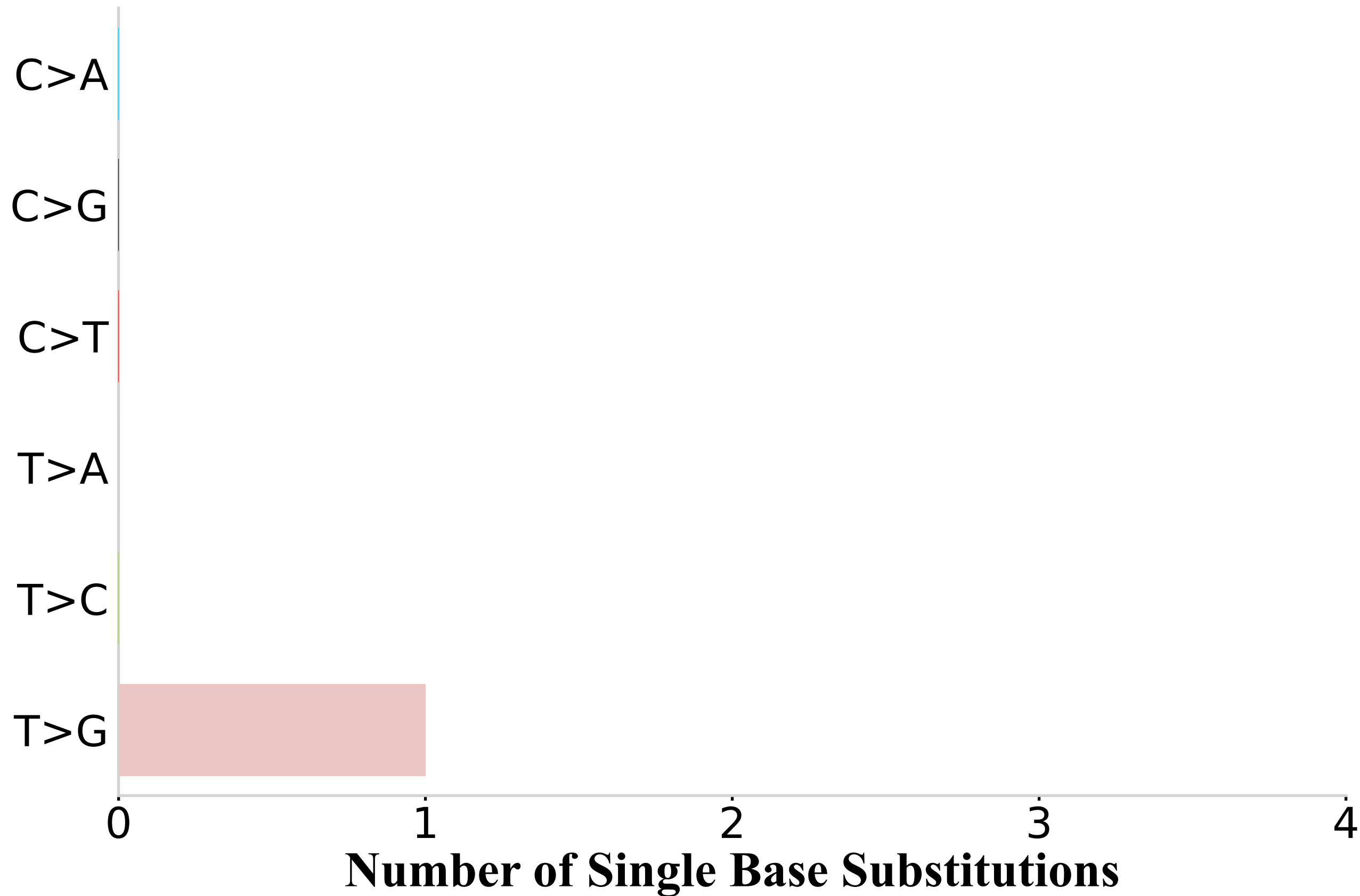
P-0014433-T04-IM6: 2 subs



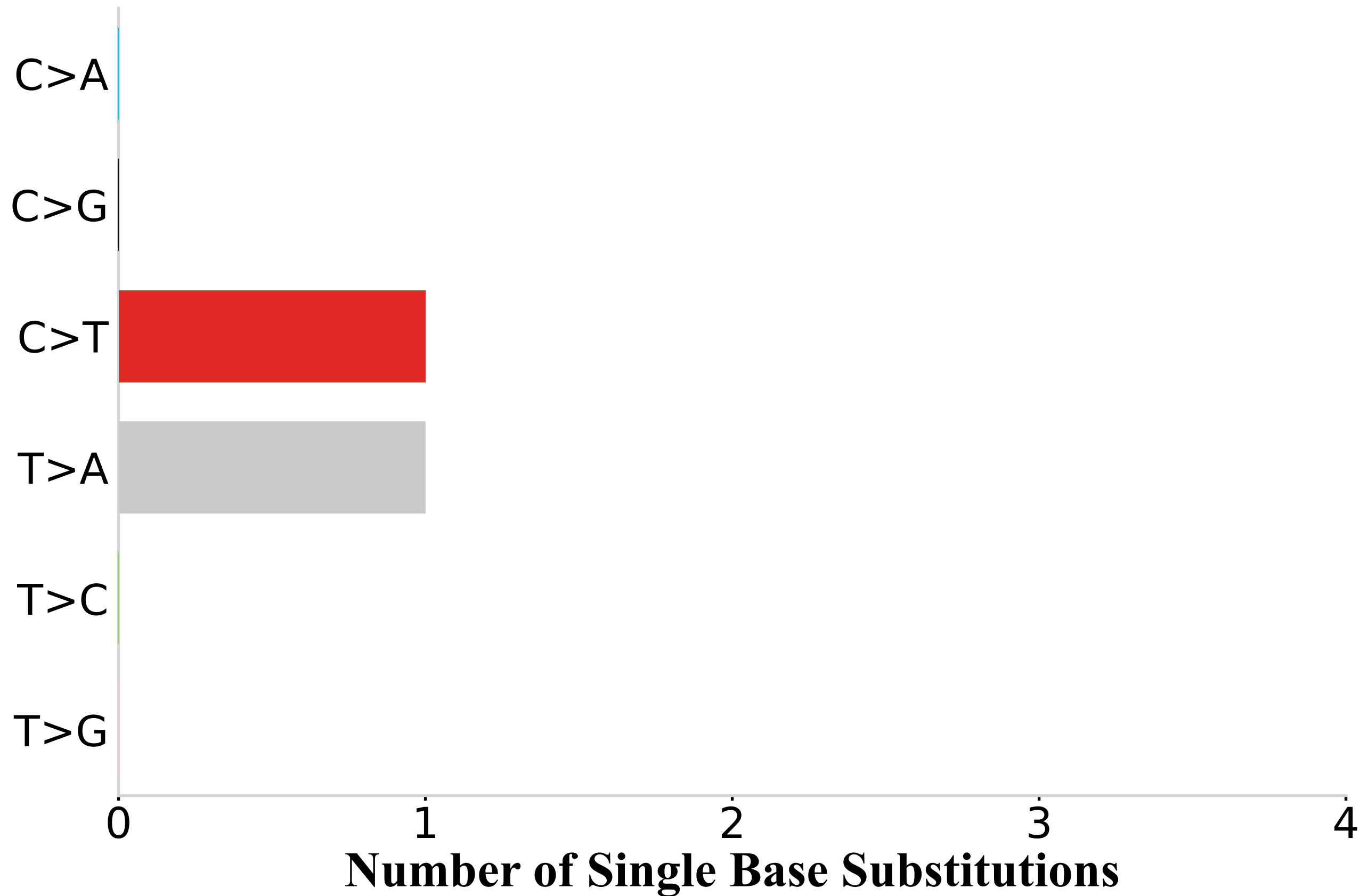
P-0014452-T01-IM6: 2 subs



P-0014521-T01-IM6: 1 subs



P-0014592-T01-IM6: 2 subs



P-0014678-T01-IM6: 0 subs

C>A

C>G

C>T

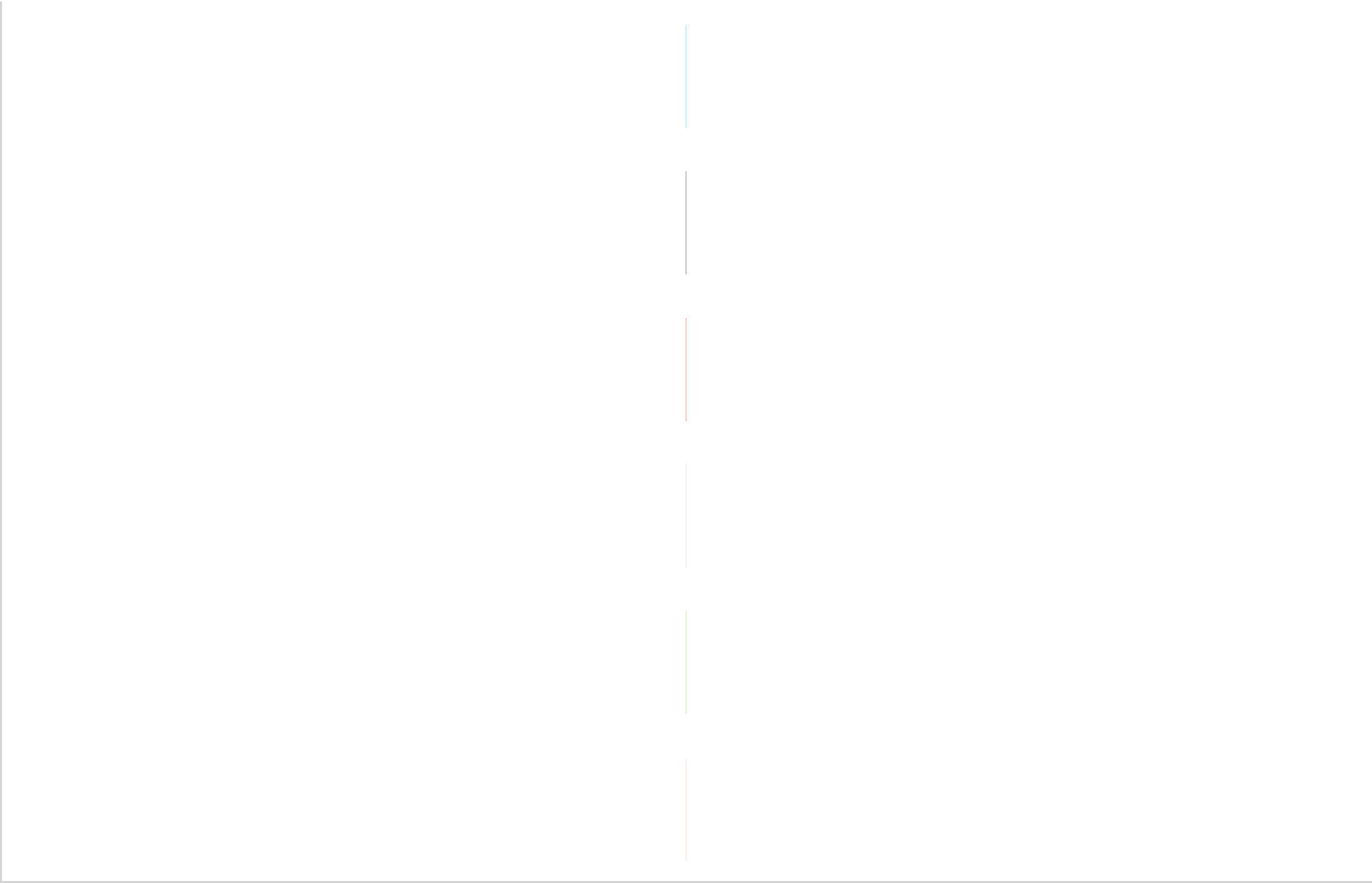
T>A

T>C

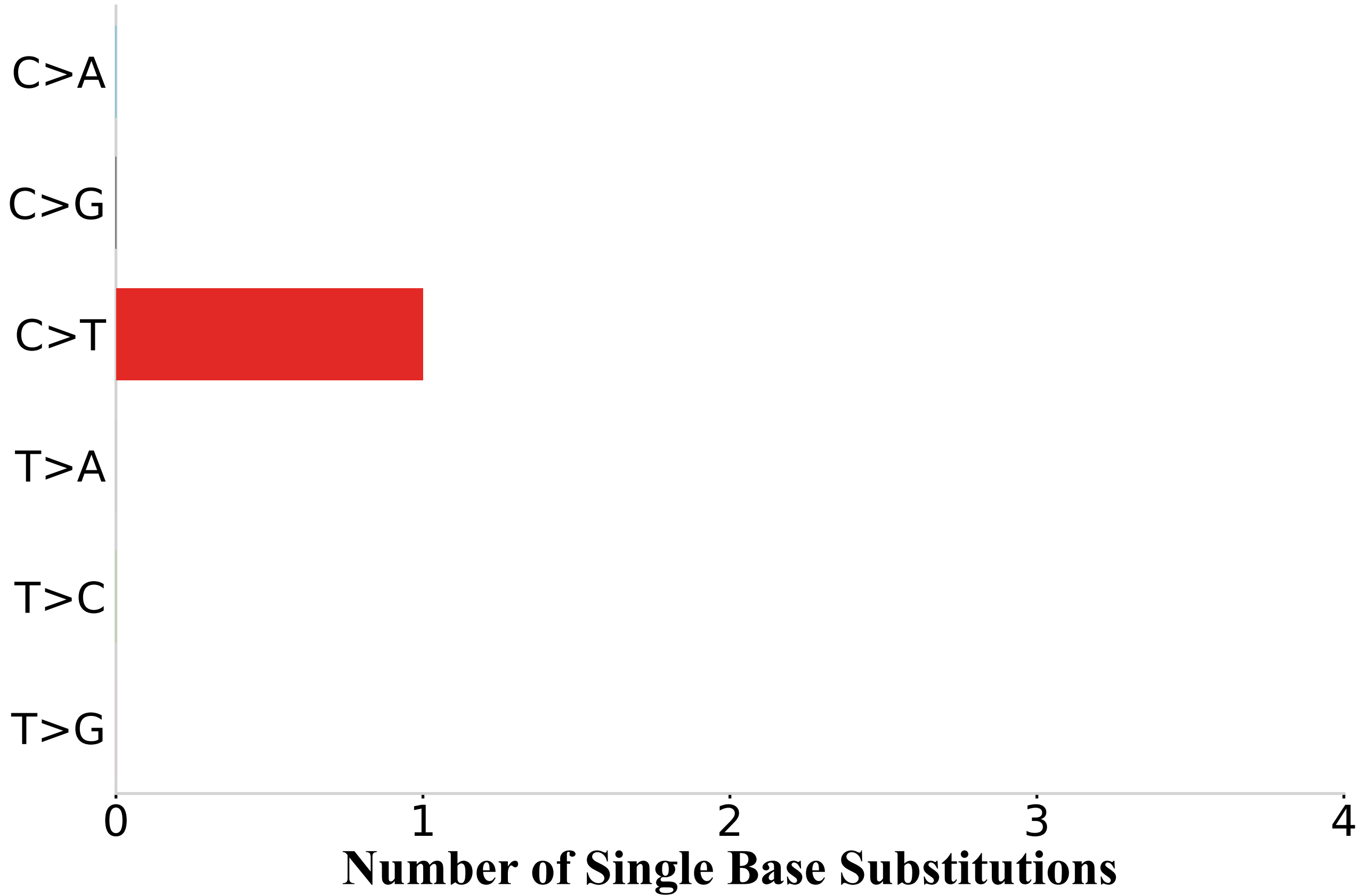
T>G

0

Number of Single Base Substitutions



P-0014683-T01-IM6: 1 subs



P-0014722-T01-IM6: 0 subs

C>A

C>G

C>T

T>A

T>C

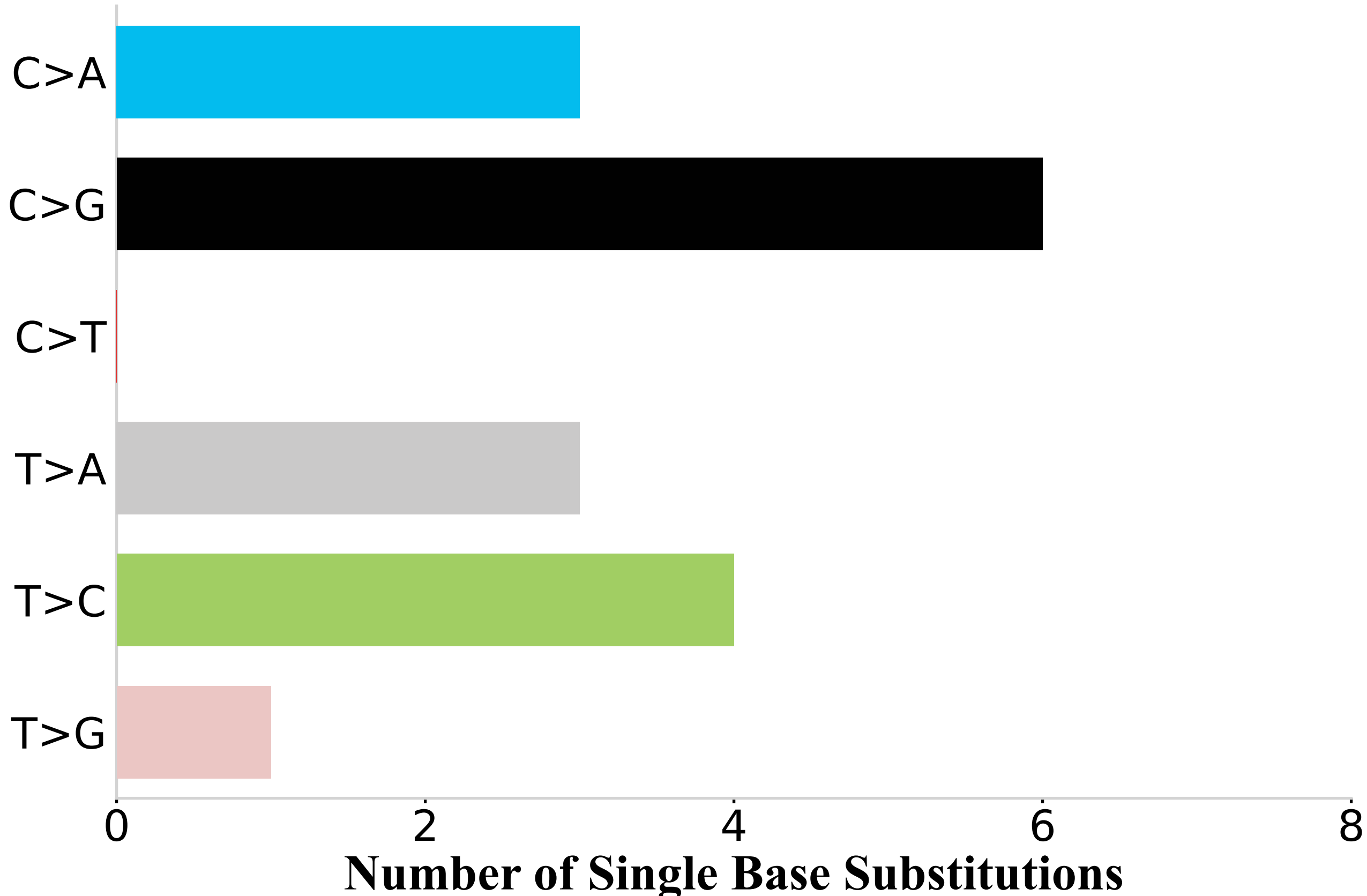
T>G

0

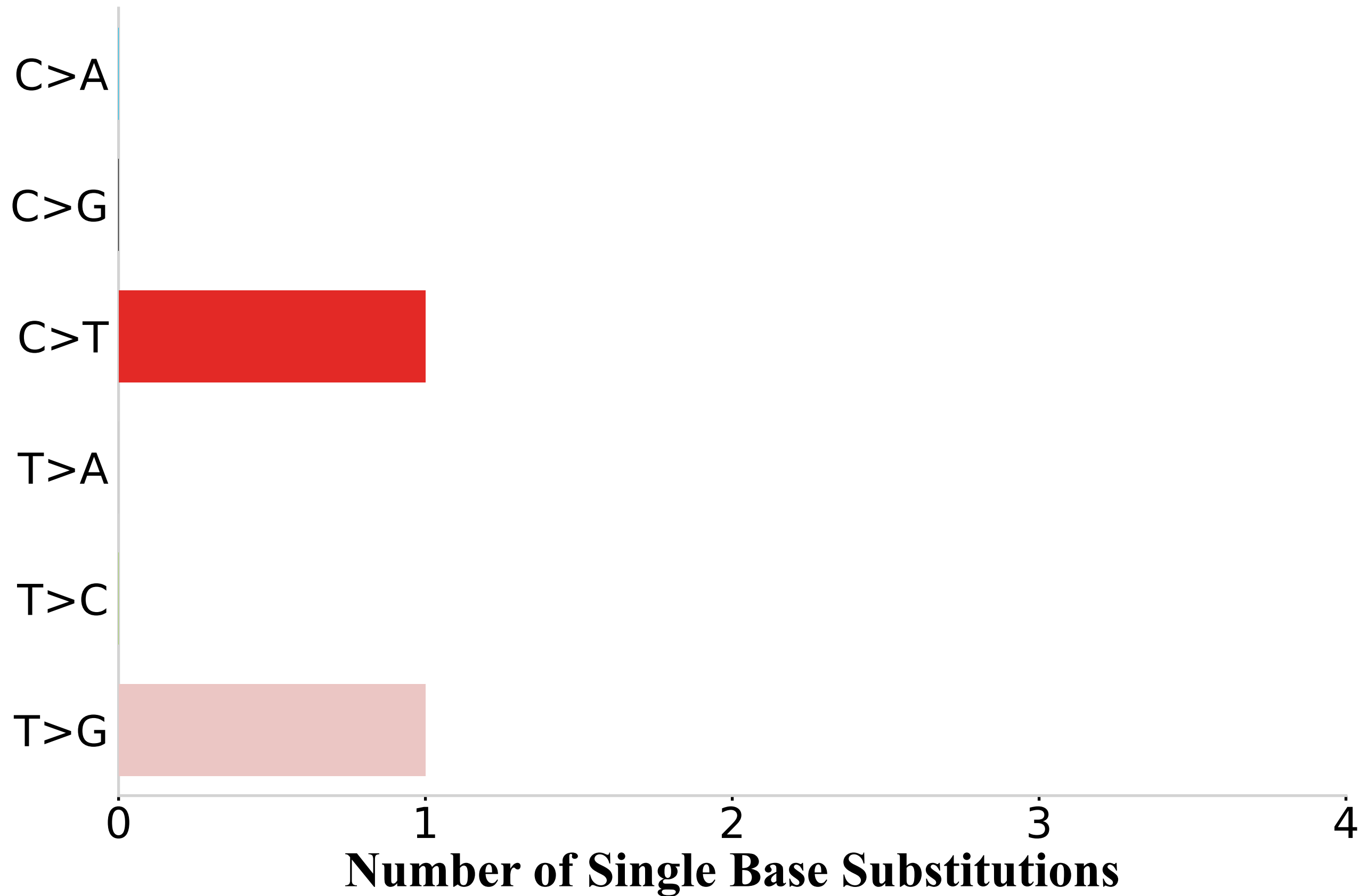
Number of Single Base Substitutions



P-0014731-T01-IM6: 17 subs



P-0014933-T01-IM6: 2 subs



P-0015041-T01-IM6: 0 subs

C>A

C>G

C>T

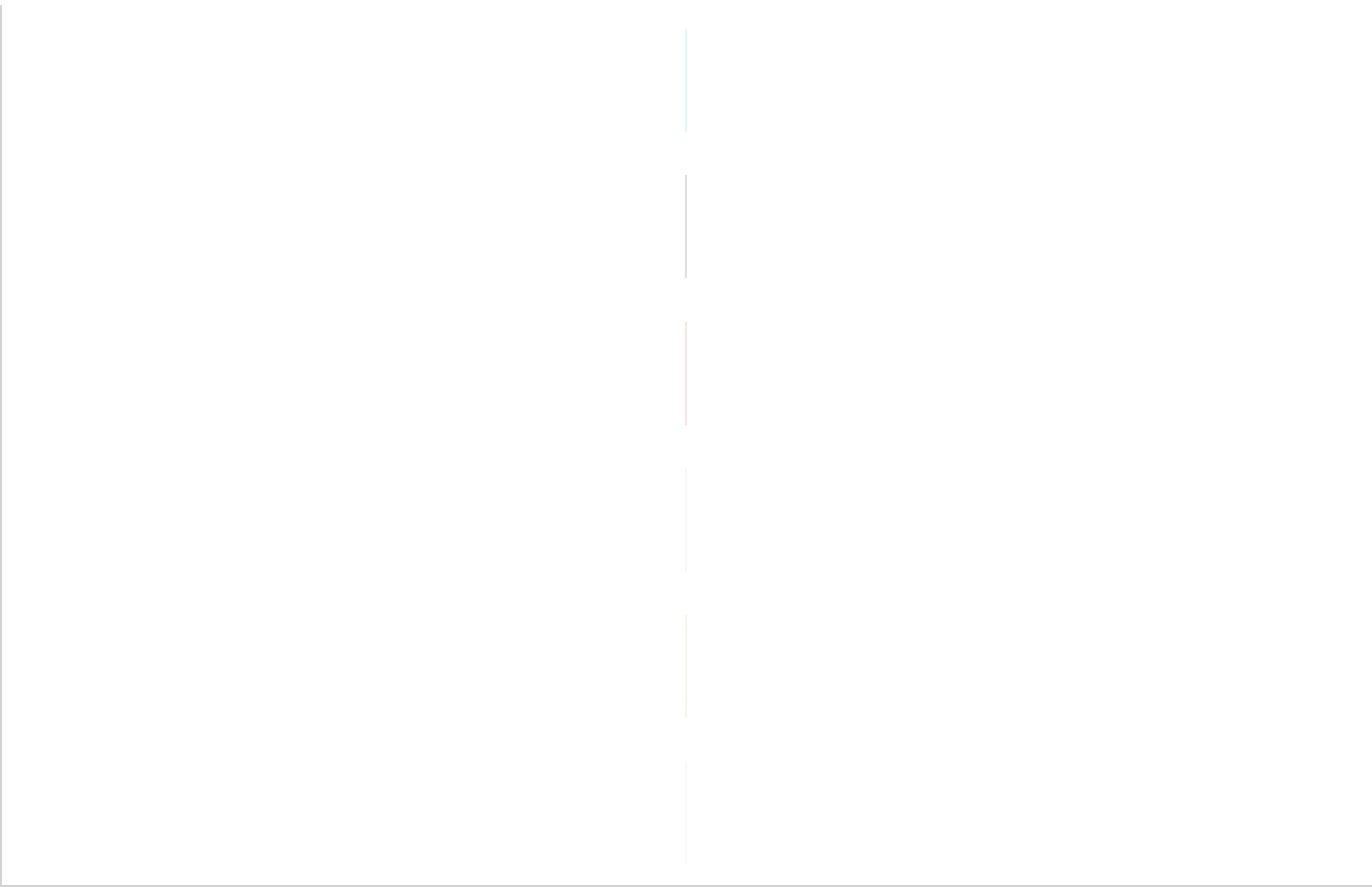
T>A

T>C

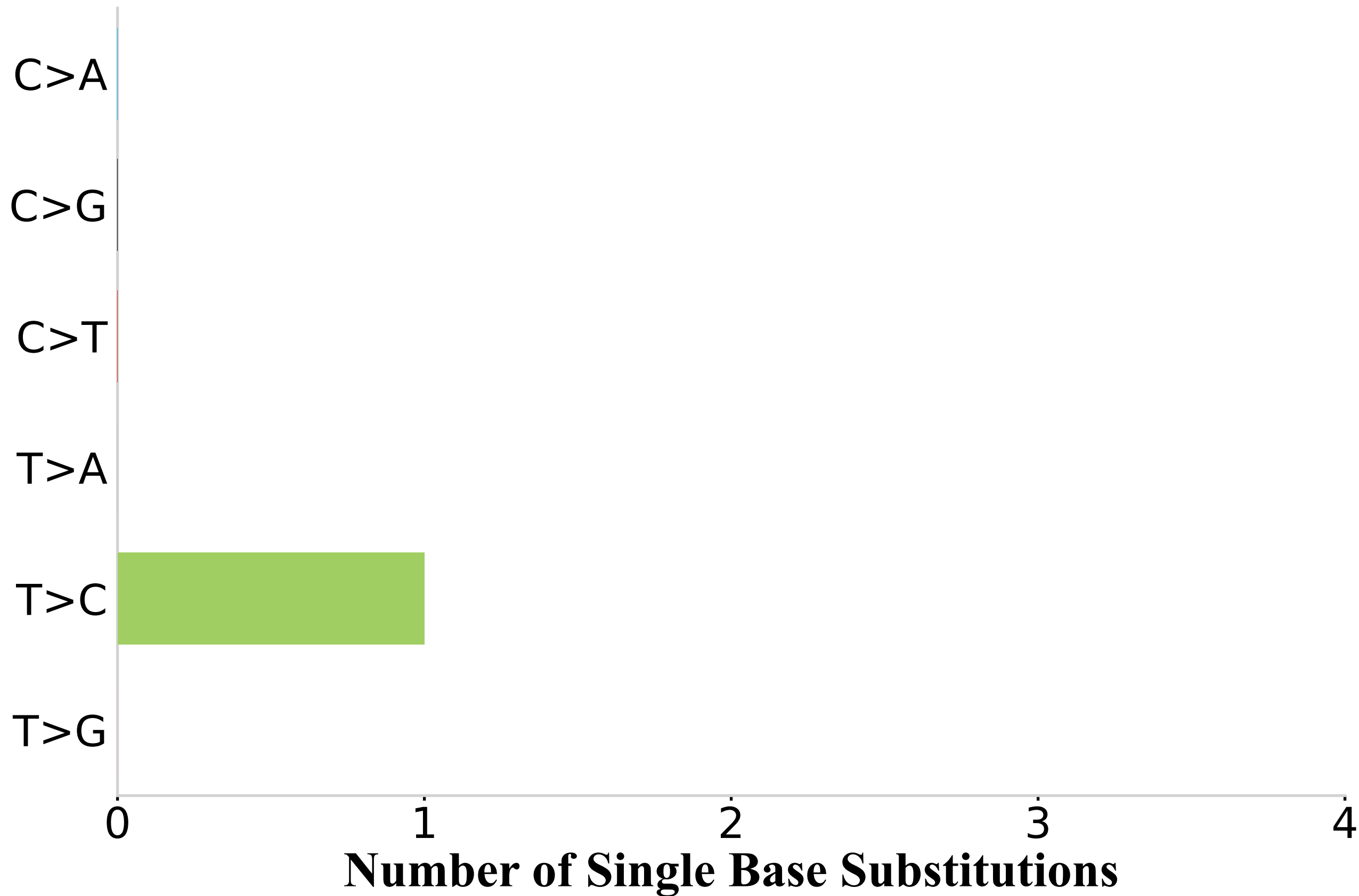
T>G

0

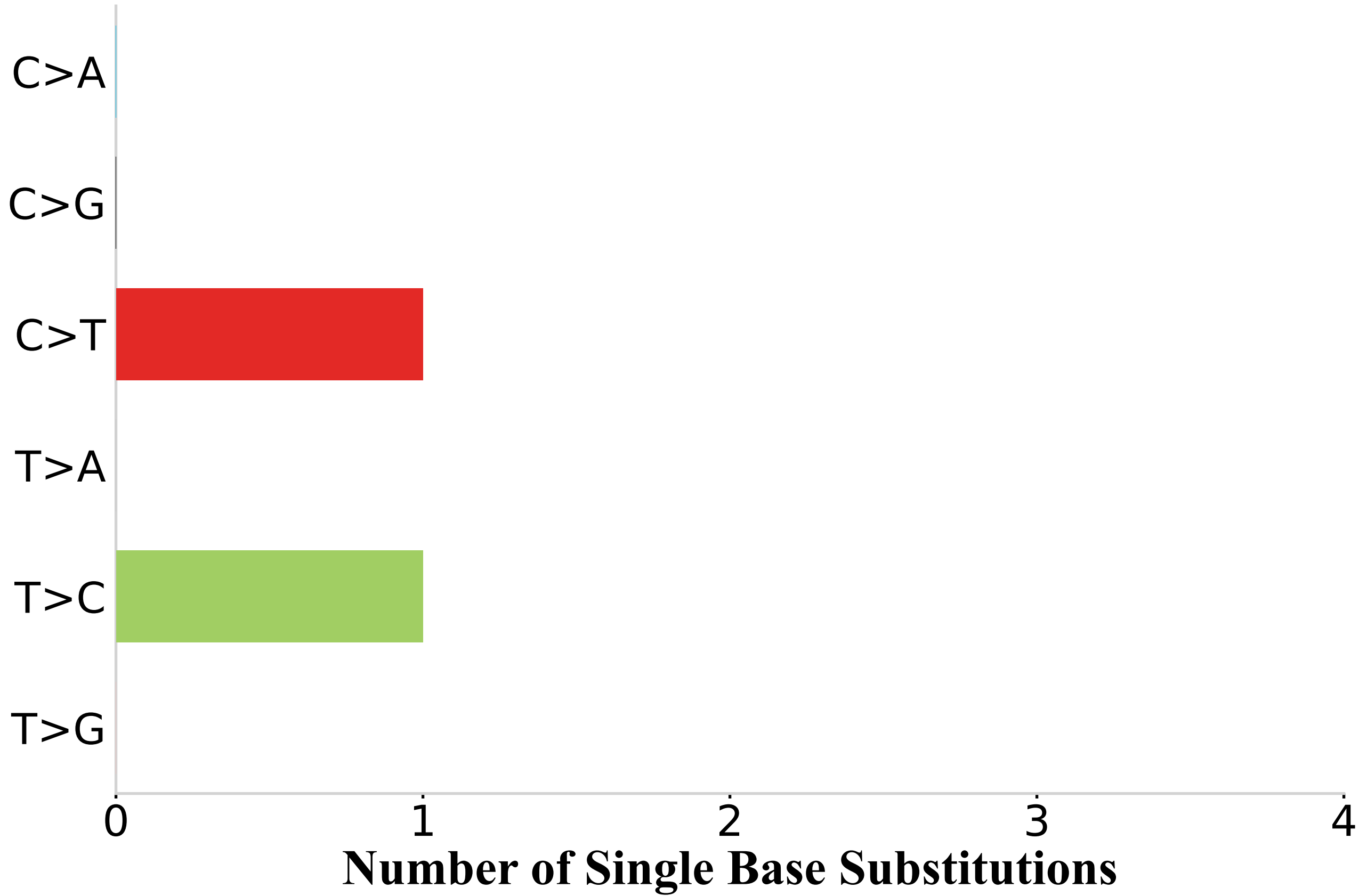
Number of Single Base Substitutions



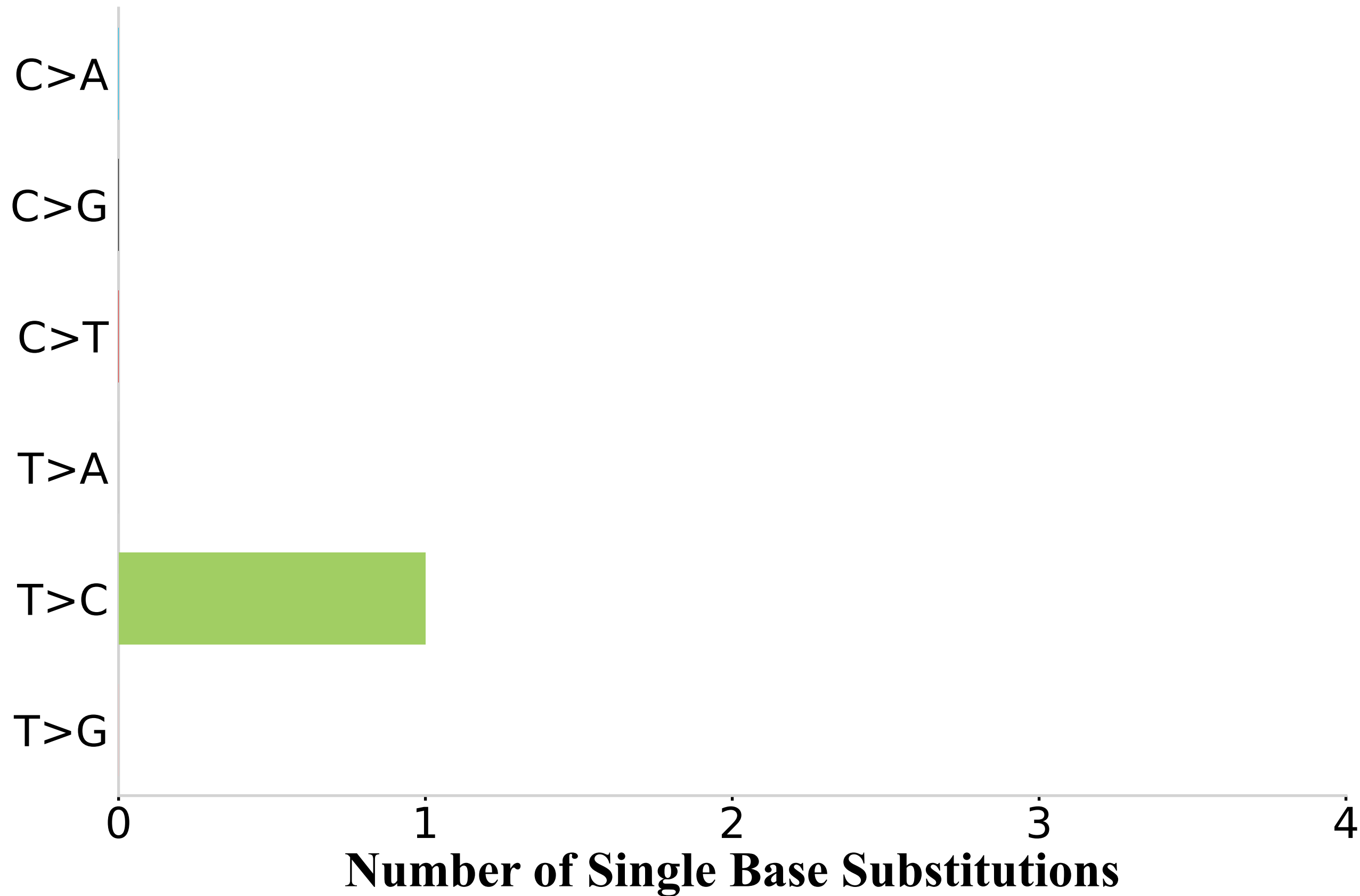
P-0015065-T01-IM6: 1 subs



P-0015145-T01-IM6: 2 subs



P-0015260-T01-IM6: 1 subs



P-0015279-T01-IM6: 0 subs

C>A

C>G

C>T

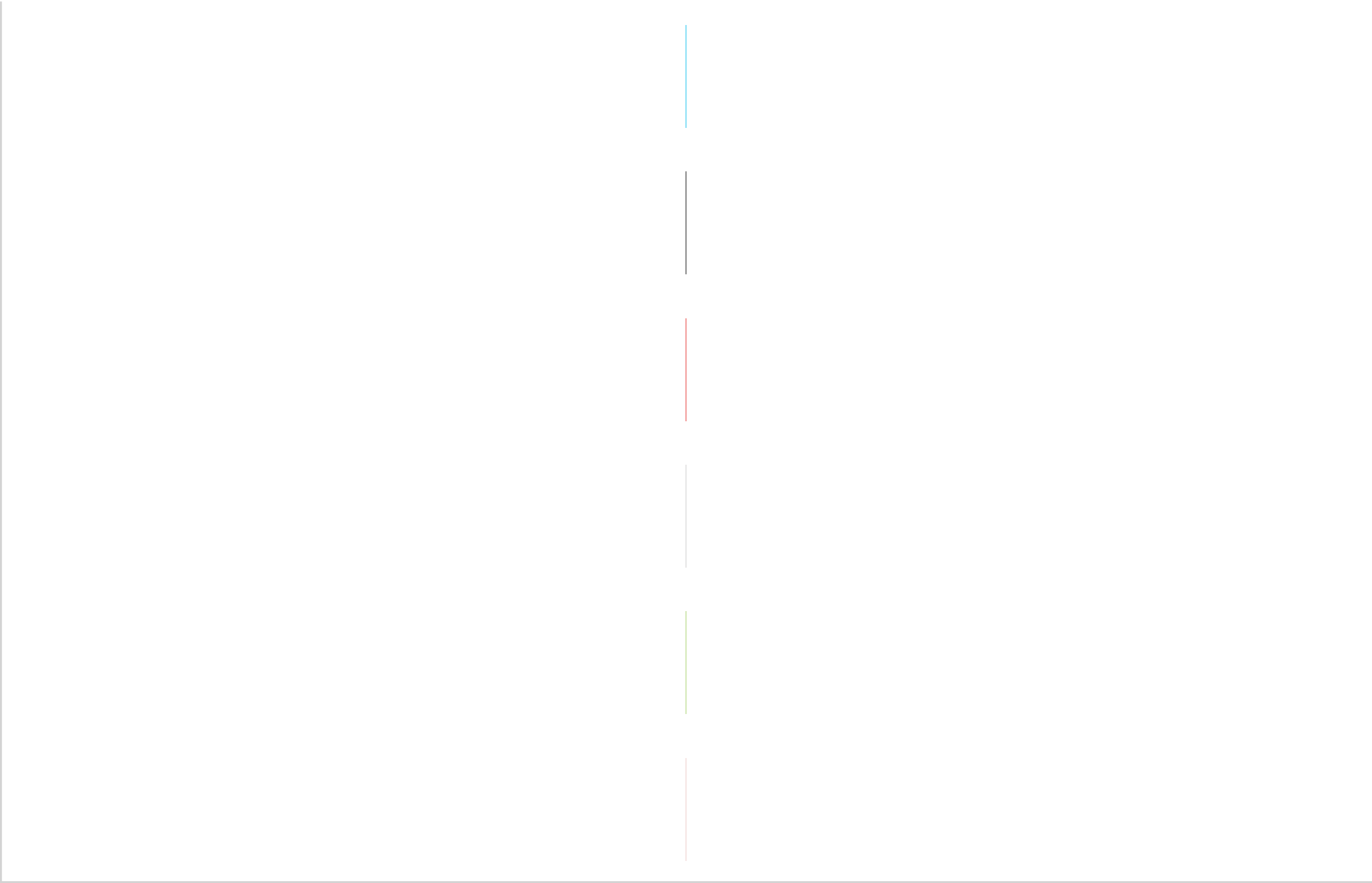
T>A

T>C

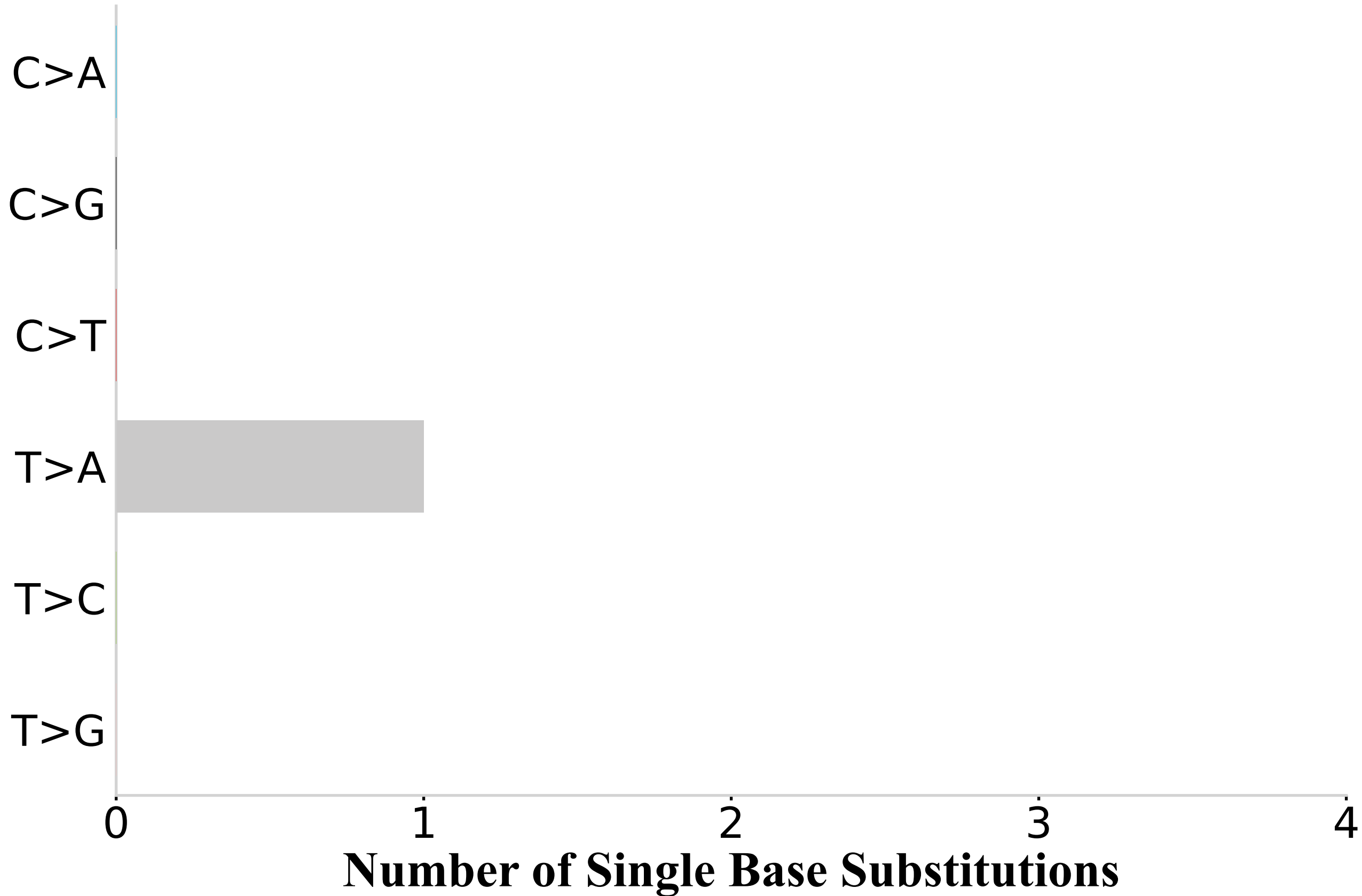
T>G

0

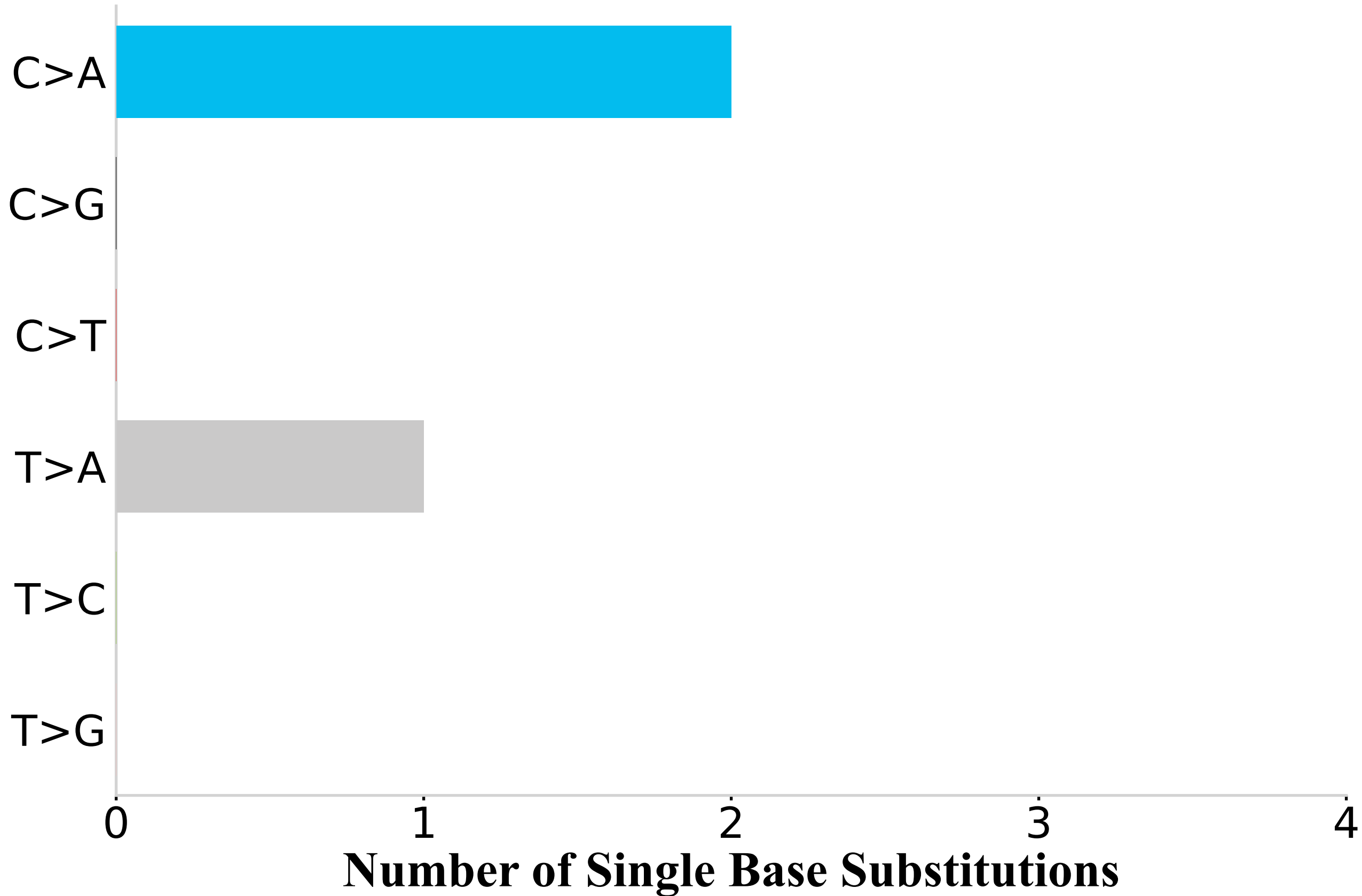
Number of Single Base Substitutions



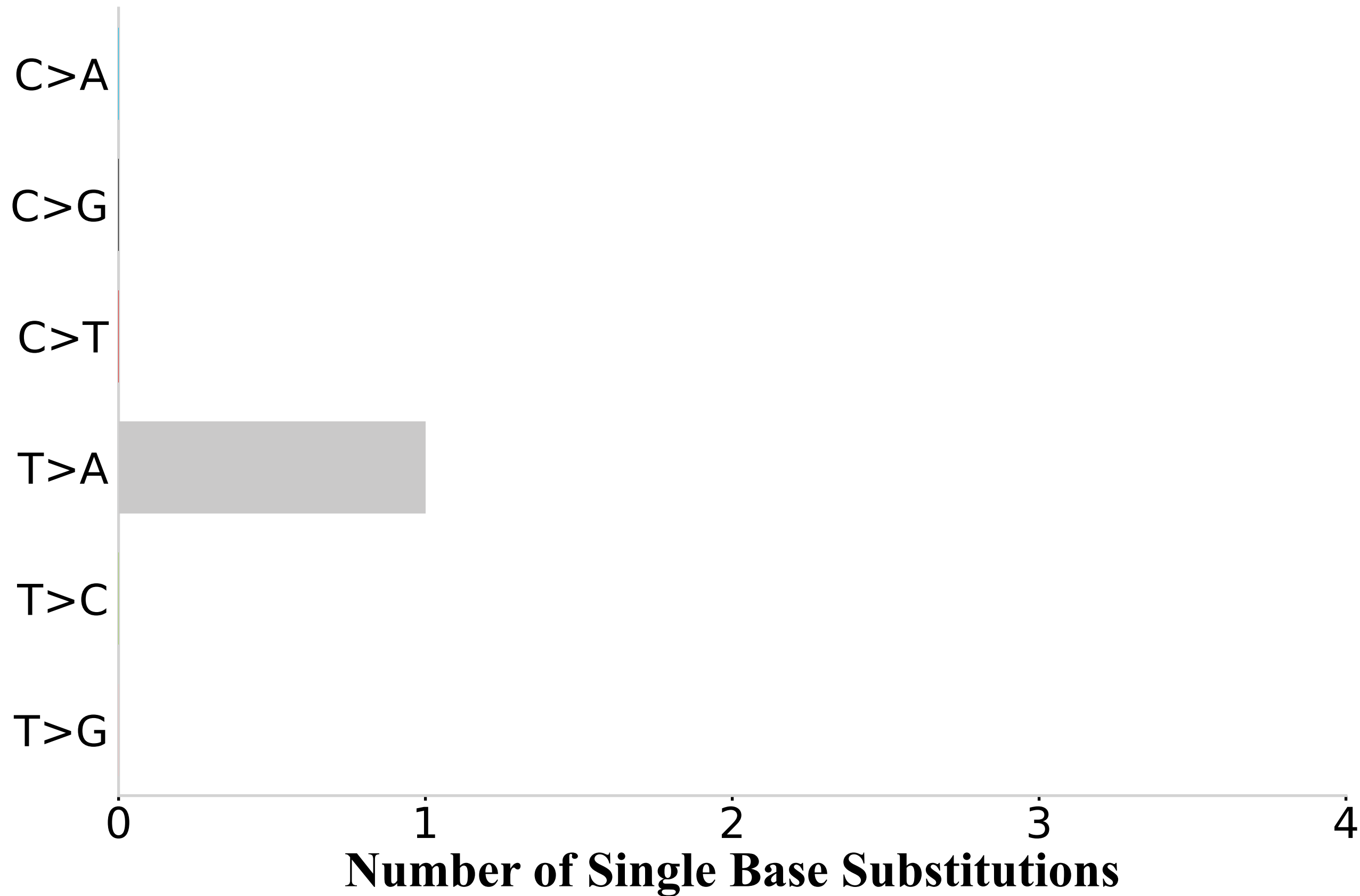
P-0015447-T01-IM6: 1 subs



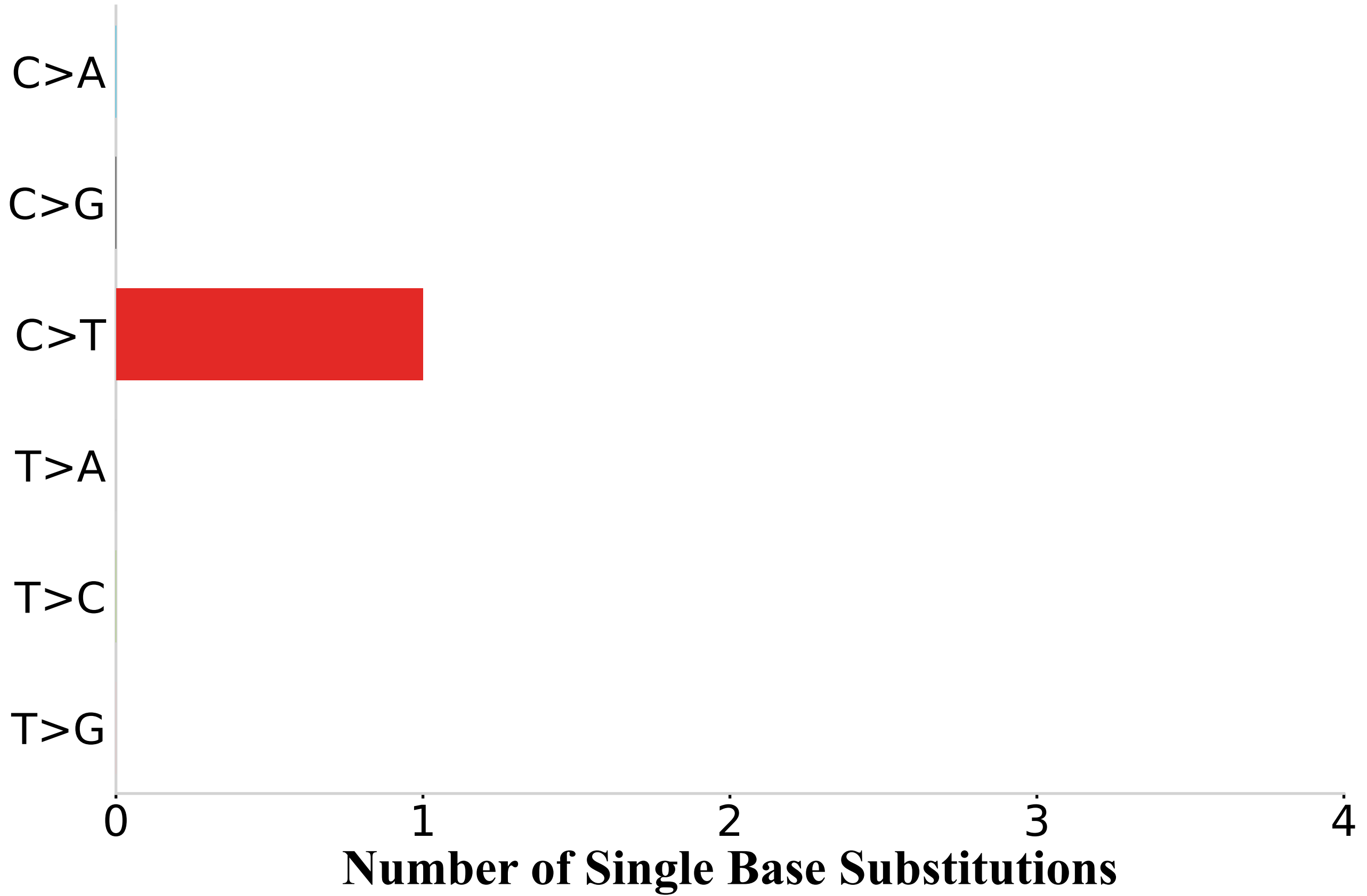
P-0015519-T01-IM6: 3 subs



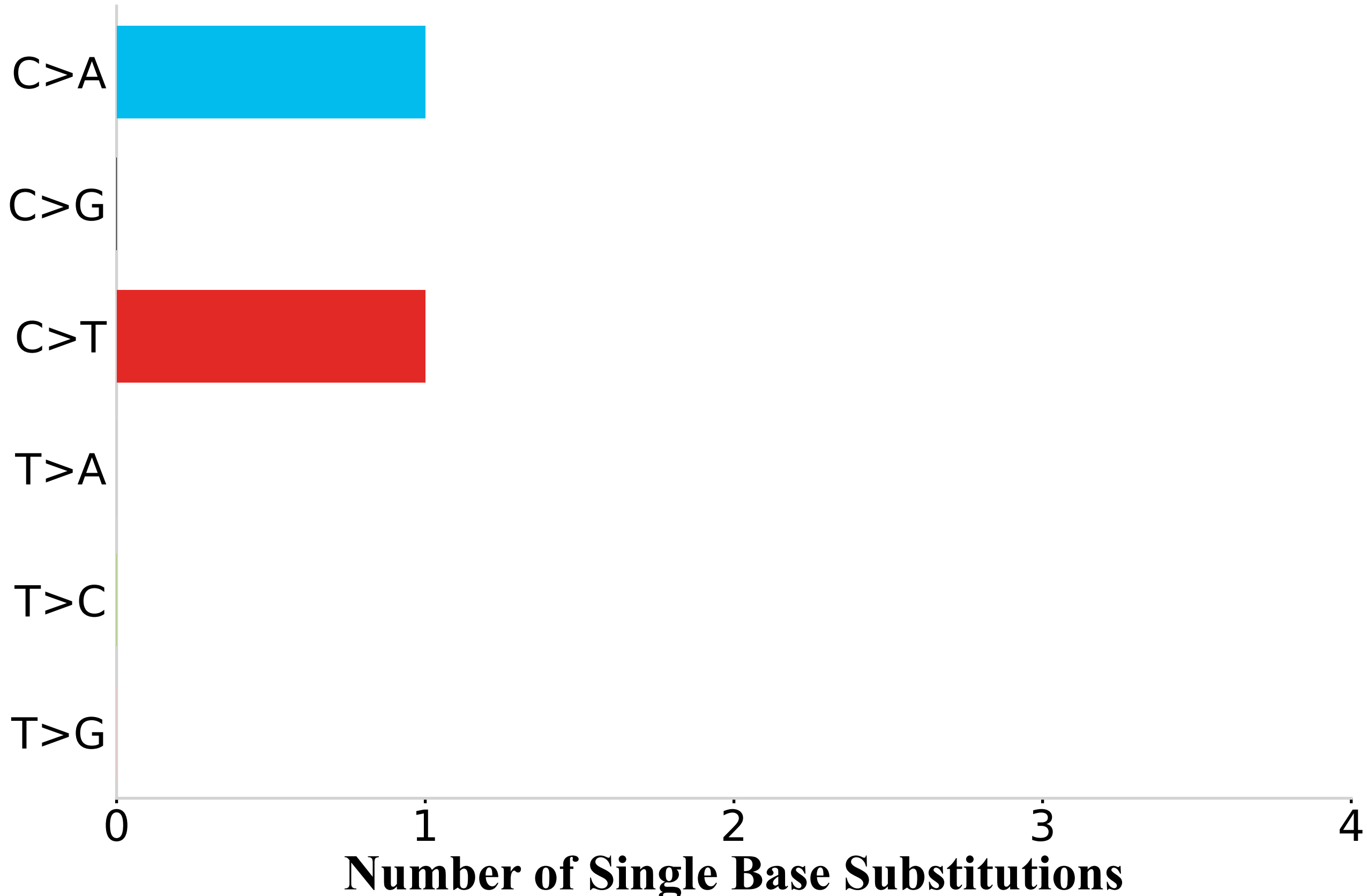
P-0015562-T01-IM6: 1 subs



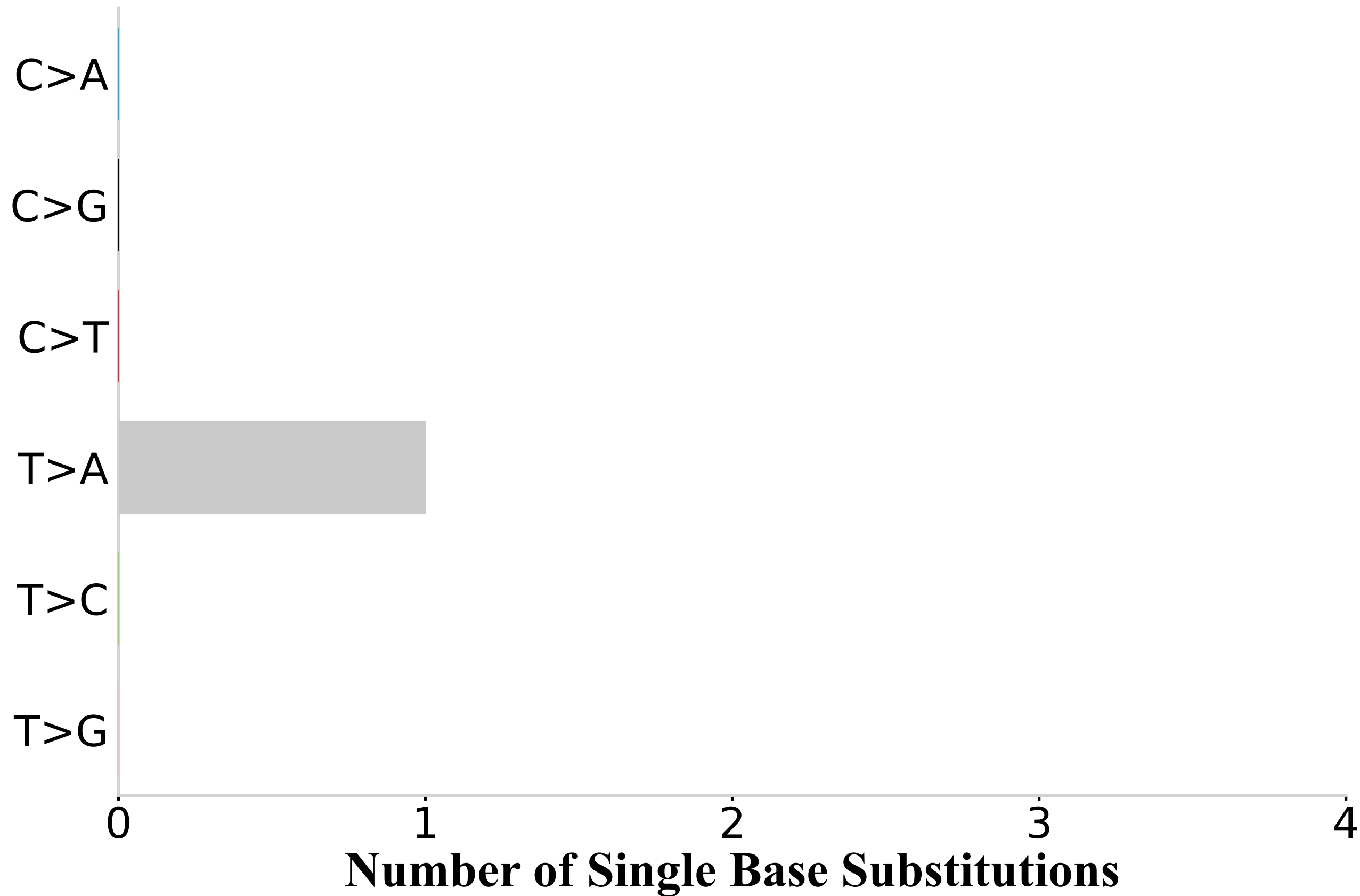
P-0015826-T03-IM6: 1 subs



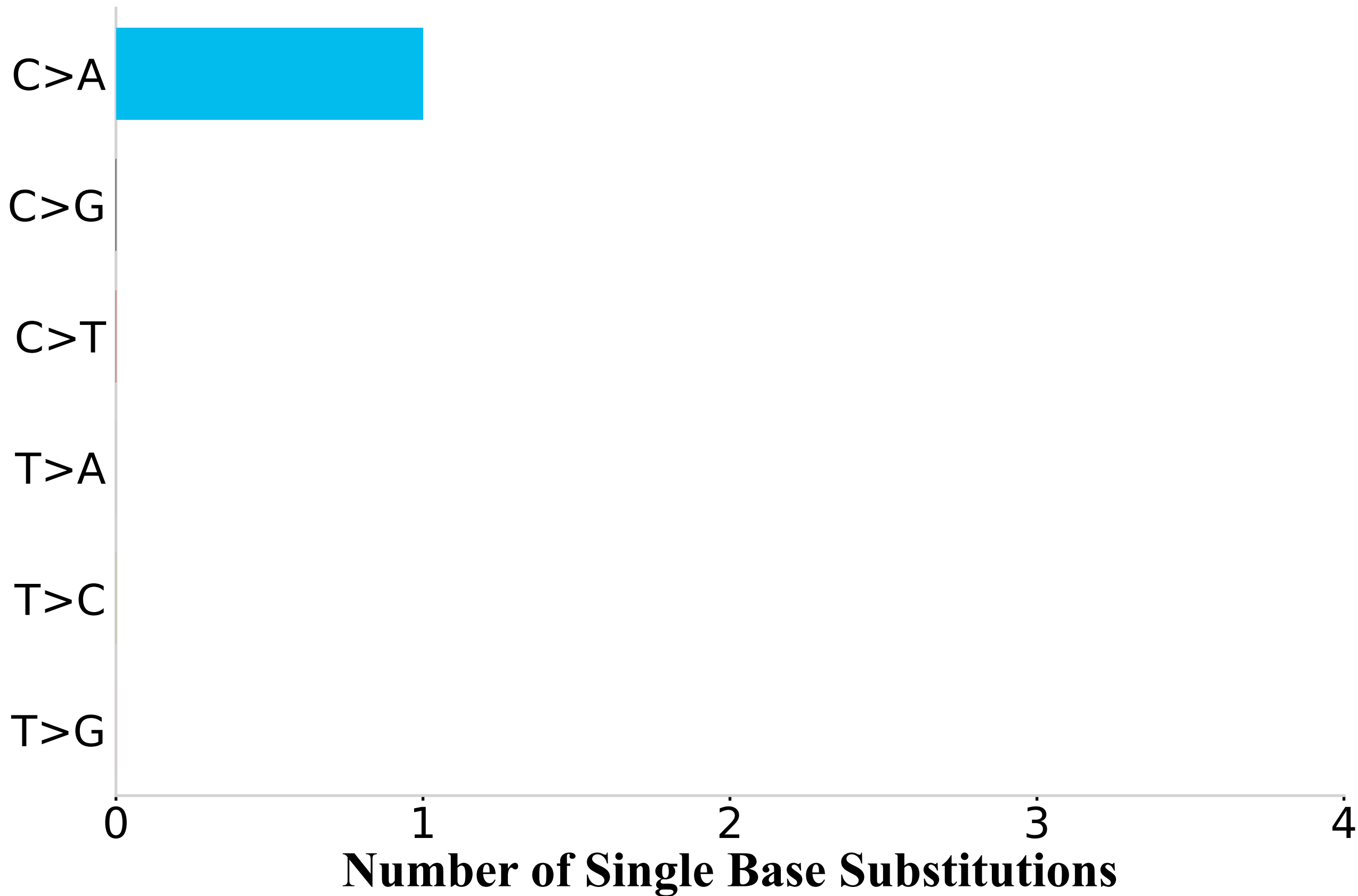
P-0015913-T01-IM6: 2 subs



P-0015956-T01-IM6: 1 subs



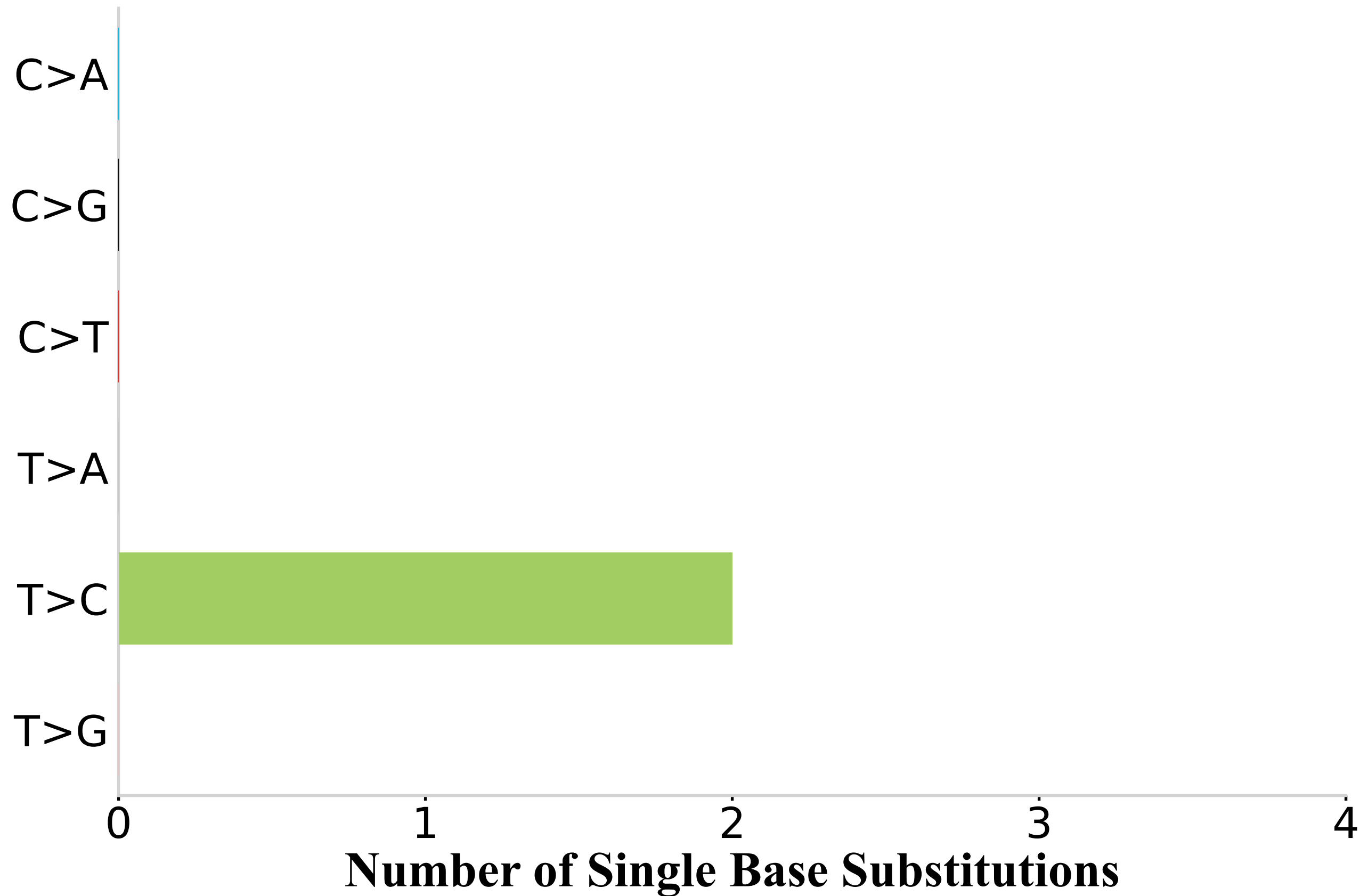
P-0015969-T01-IM6: 1 subs



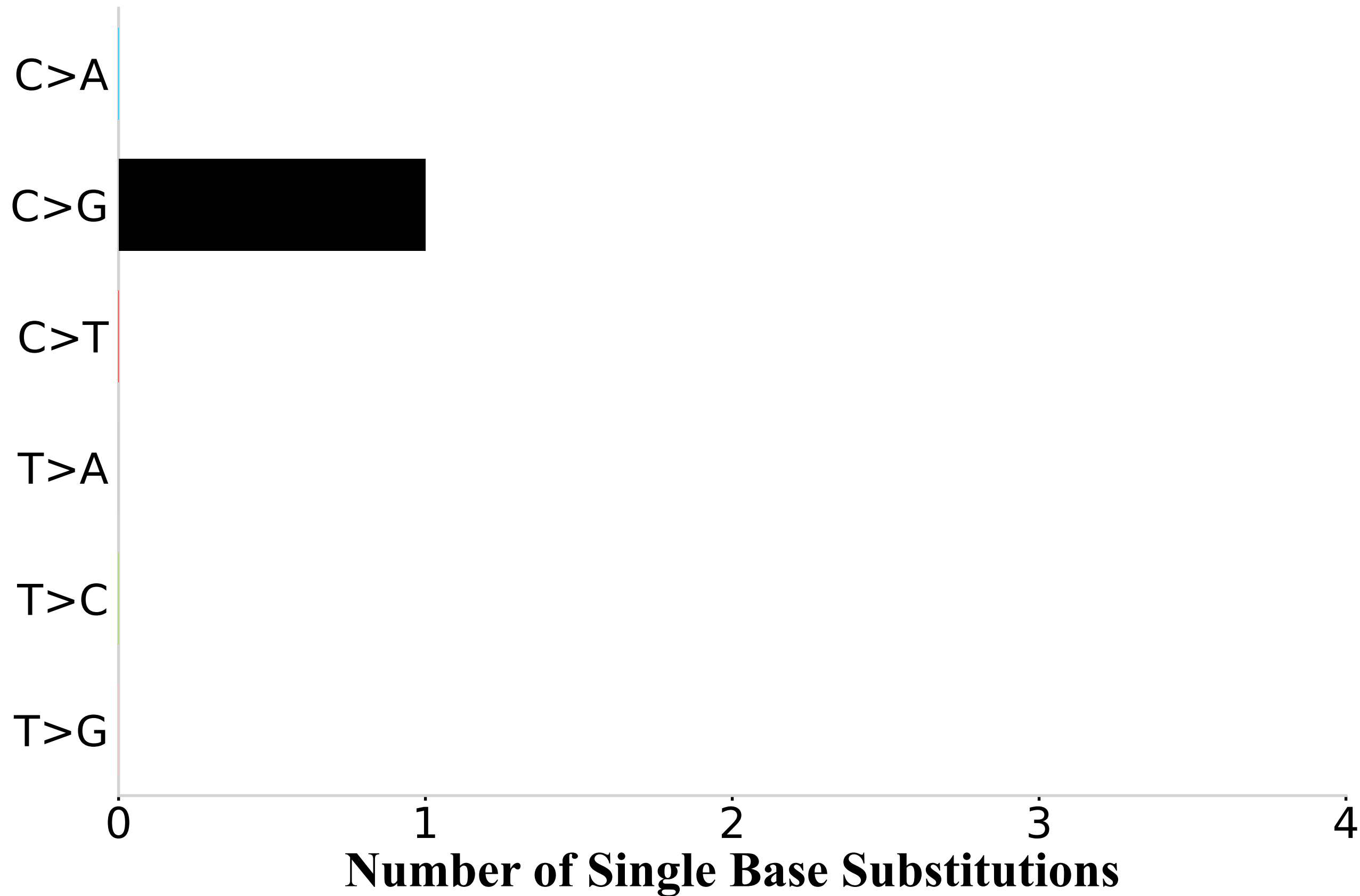
P-0016130-T01-IM6: 1 subs



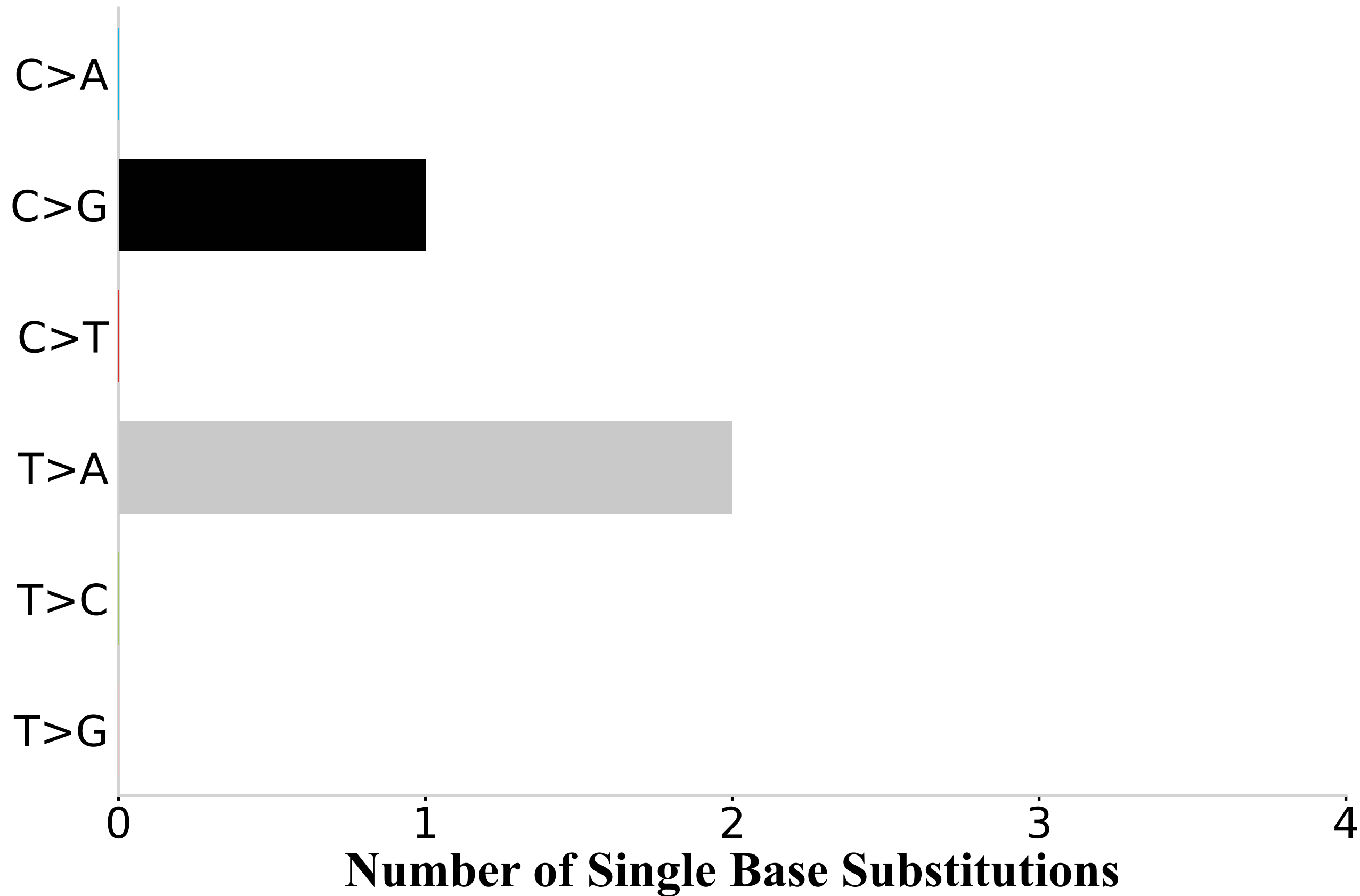
P-0016265-T01-IM6: 2 subs



P-0016532-T02-IM6: 1 subs



P-0016629-T01-IM6: 3 subs



P-0016848-T01-IM6: 0 subs

C>A

C>G

C>T

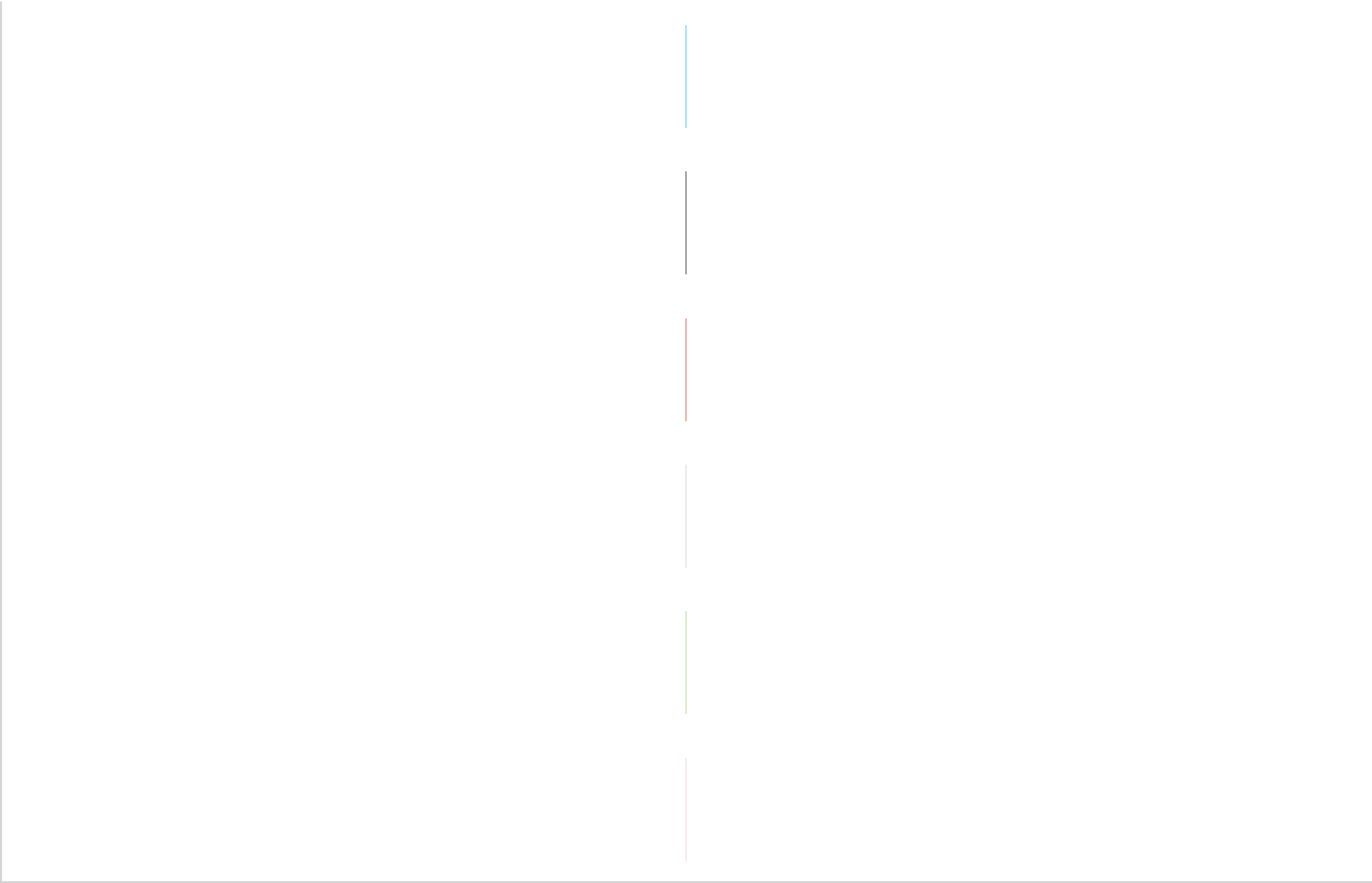
T>A

T>C

T>G

0

Number of Single Base Substitutions



P-0016868-T01-IM6: 0 subs

C>A

C>G

C>T

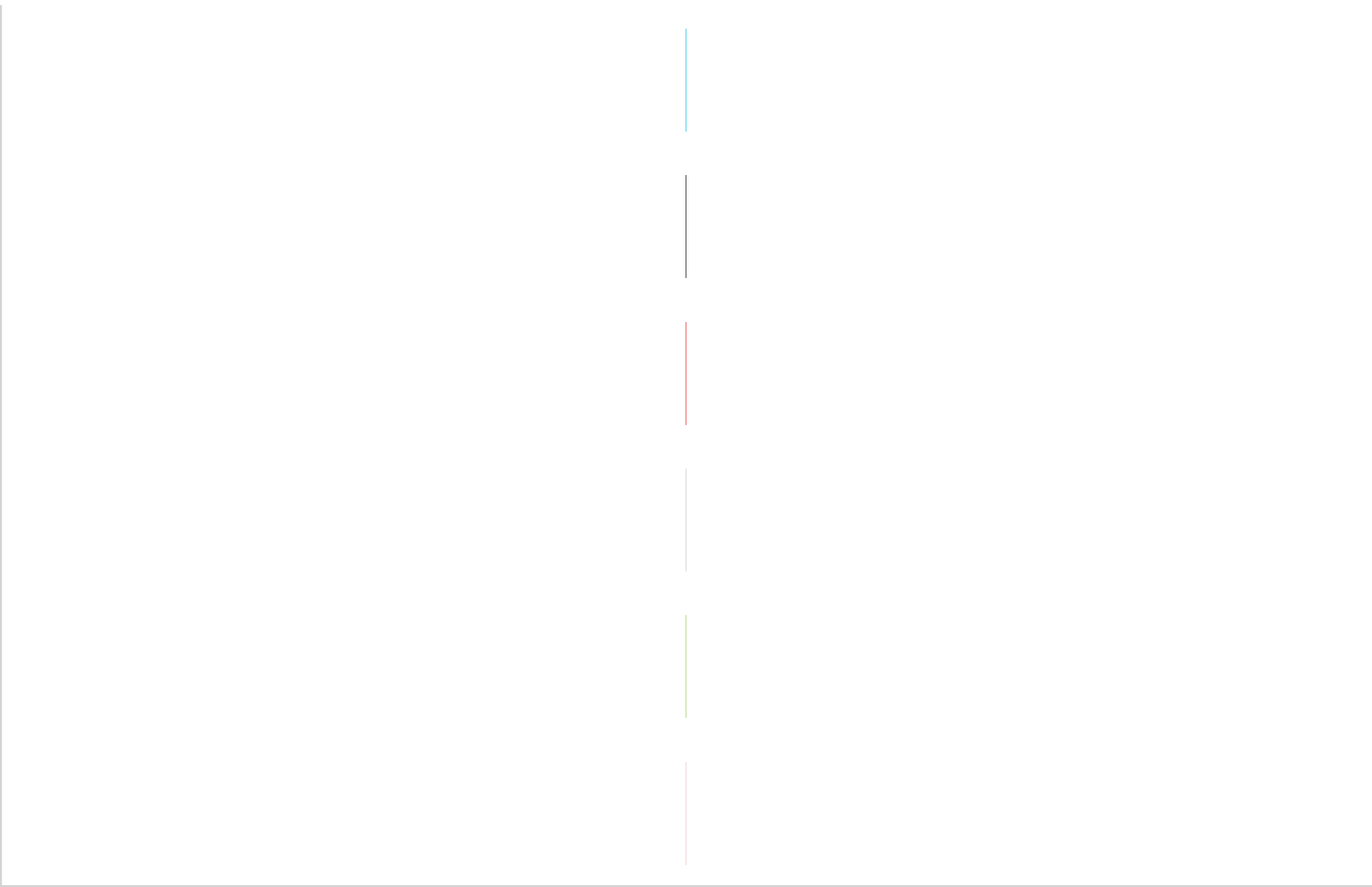
T>A

T>C

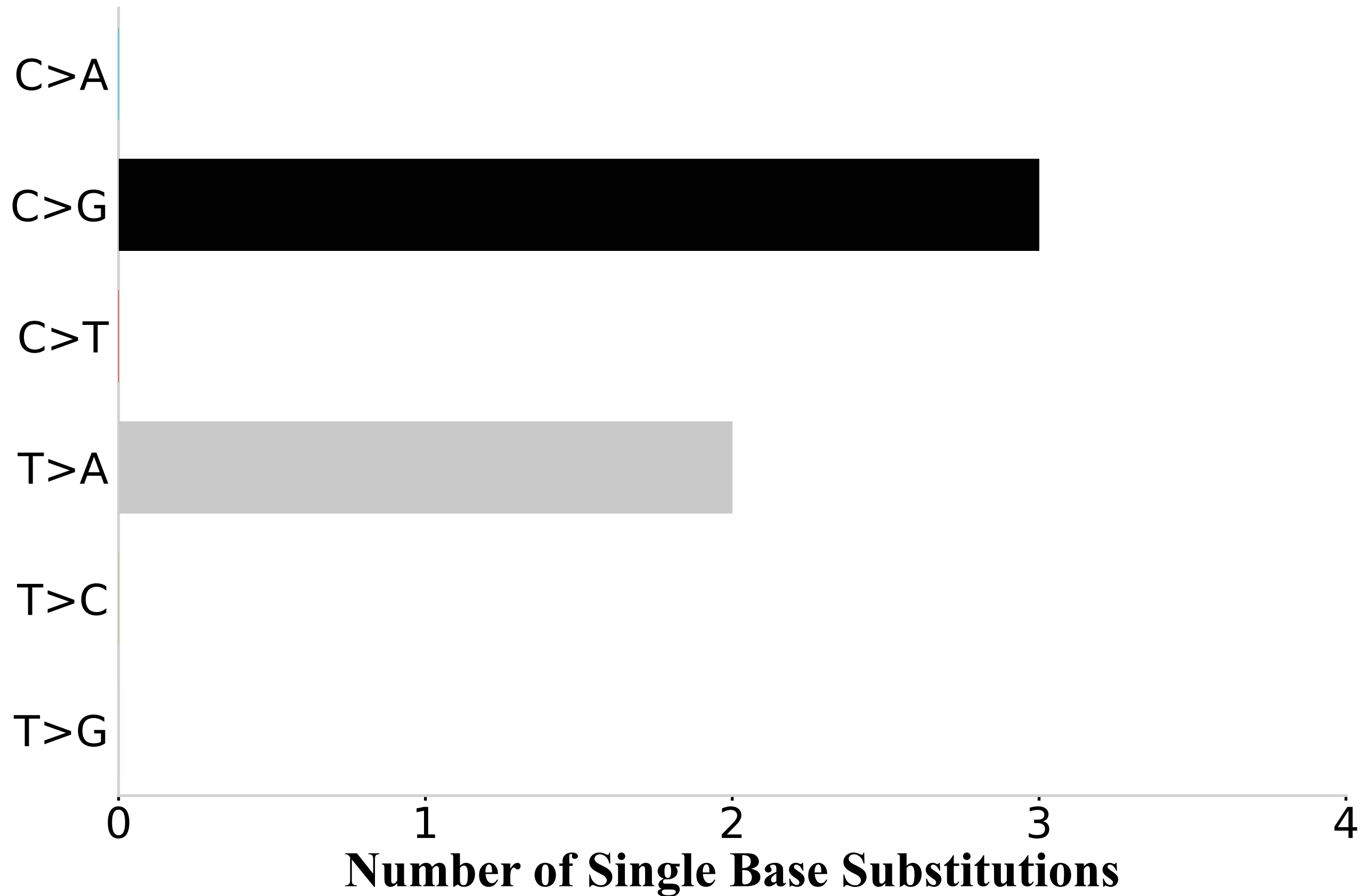
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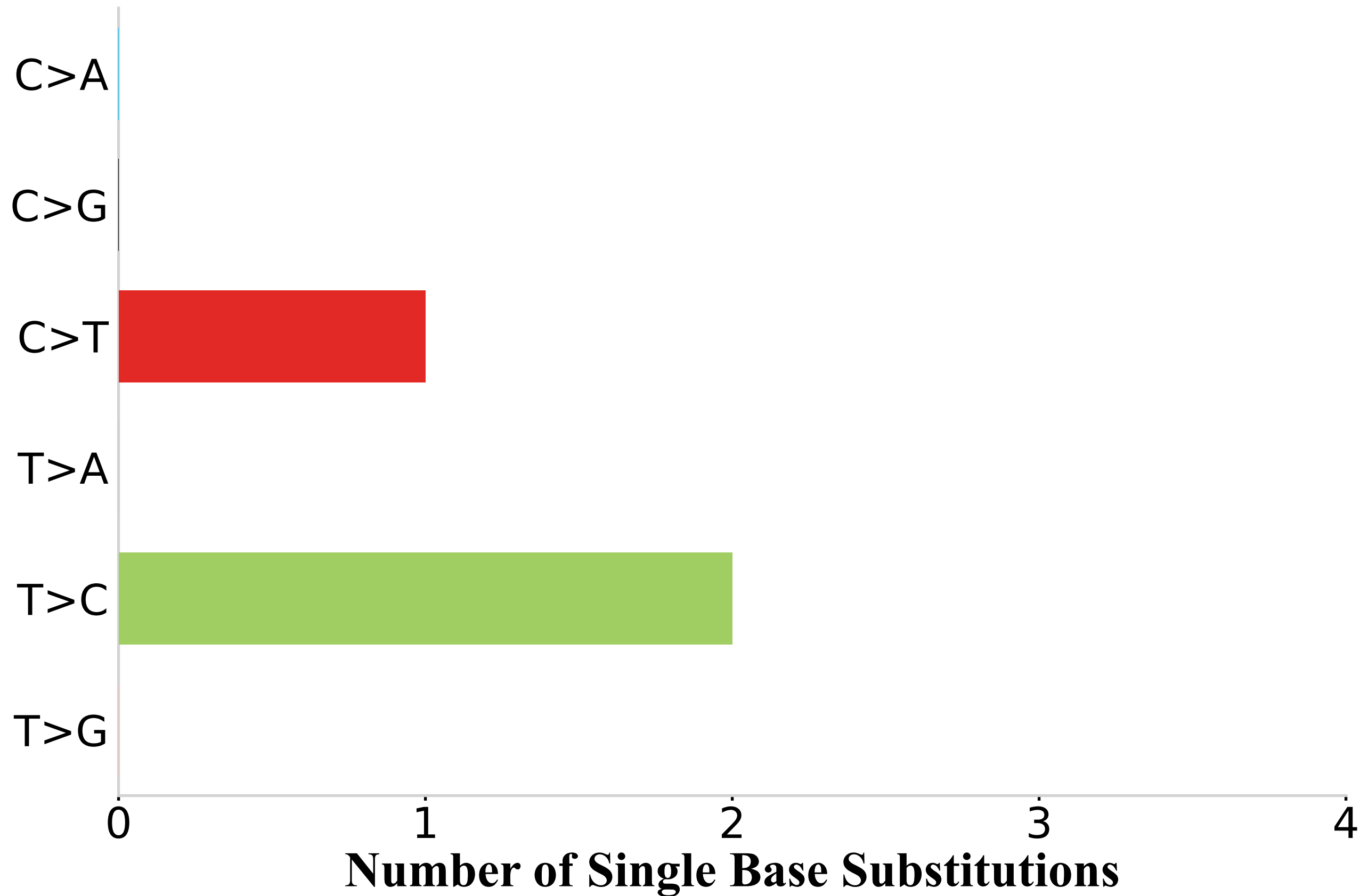
Number of Single Base Substitutions



P-0016894-T01-IM6: 5 subs



P-0016970-T01-IM6: 3 subs



P-0017255-T01-IM6: 0 subs

C>A

C>G

C>T

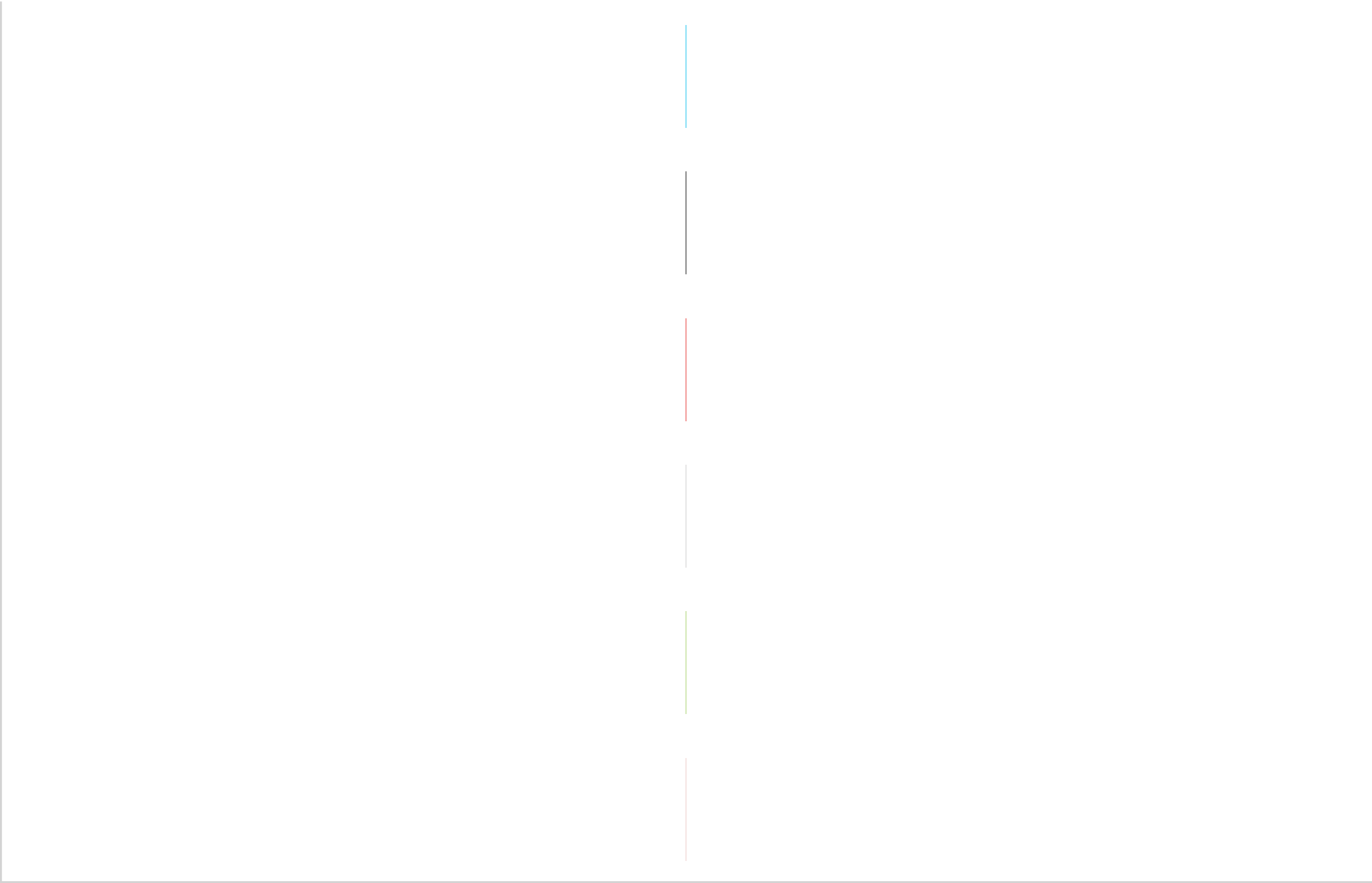
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T>C

T>G

0

Number of Single Base Substitutions



P-0017387-T01-IM6: 0 subs

C>A

C>G

C>T

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T>G

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Number of Single Base Substitutions



P-0017531-T01-IM5: 0 subs

C>A

C>G

C>T

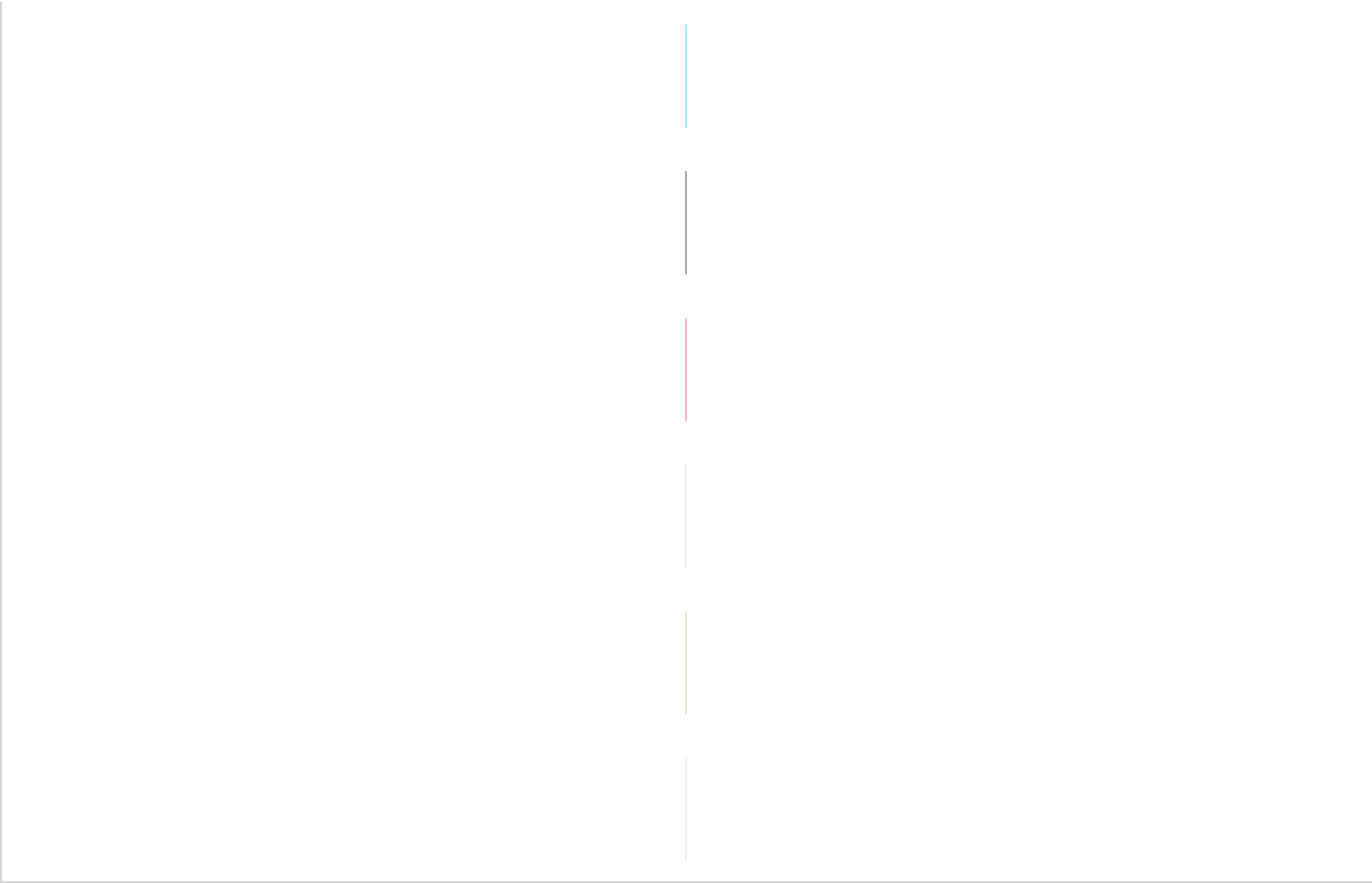
T>A

T>C

T>G

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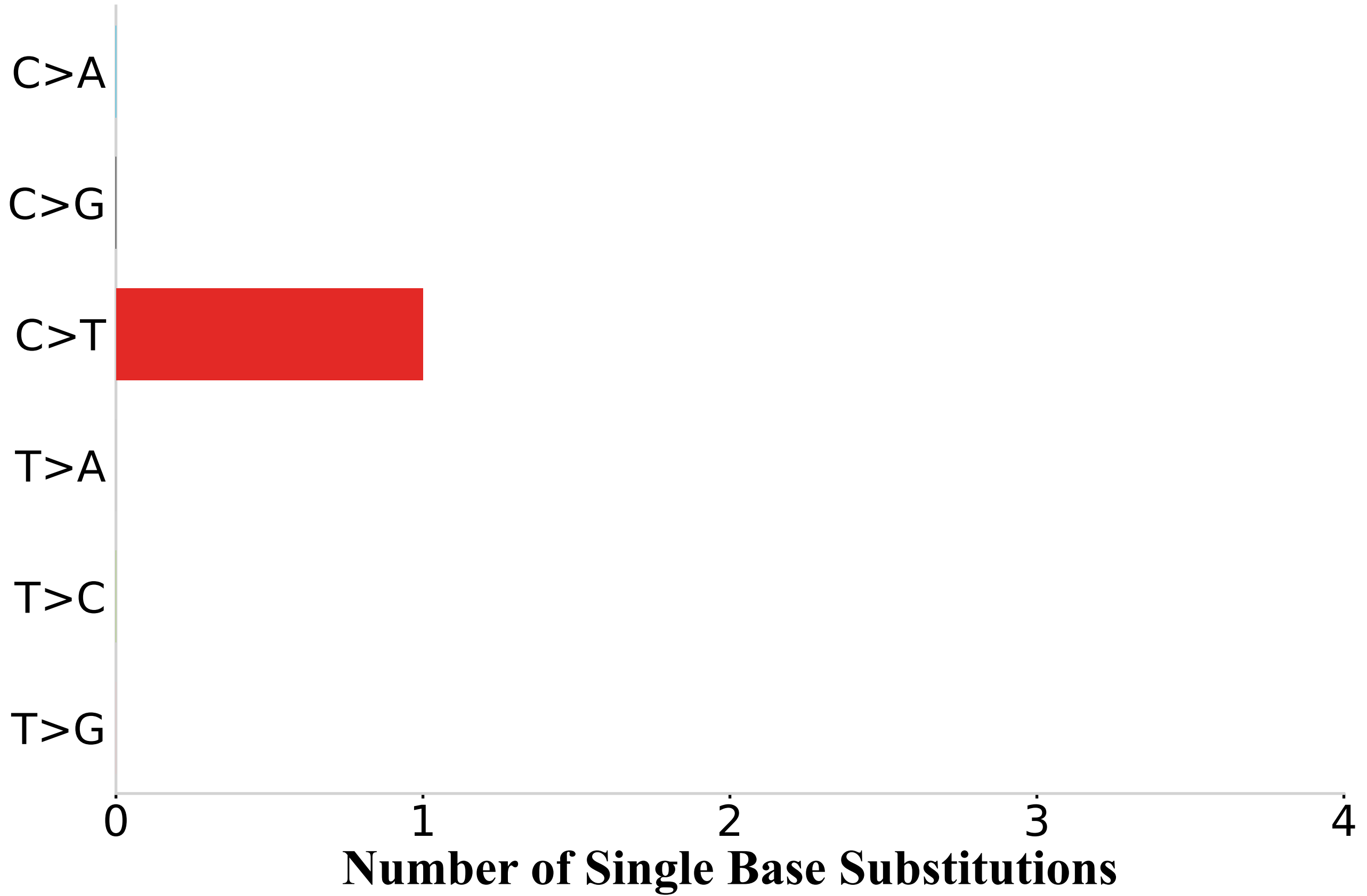
Number of Single Base Substitutions



P-0017659-T01-IM5: 2 subs



P-0017729-T02-IM6: 1 subs



P-0017753-T01-IM6: 0 subs

C>A

C>G

C>T

T>A

T>C

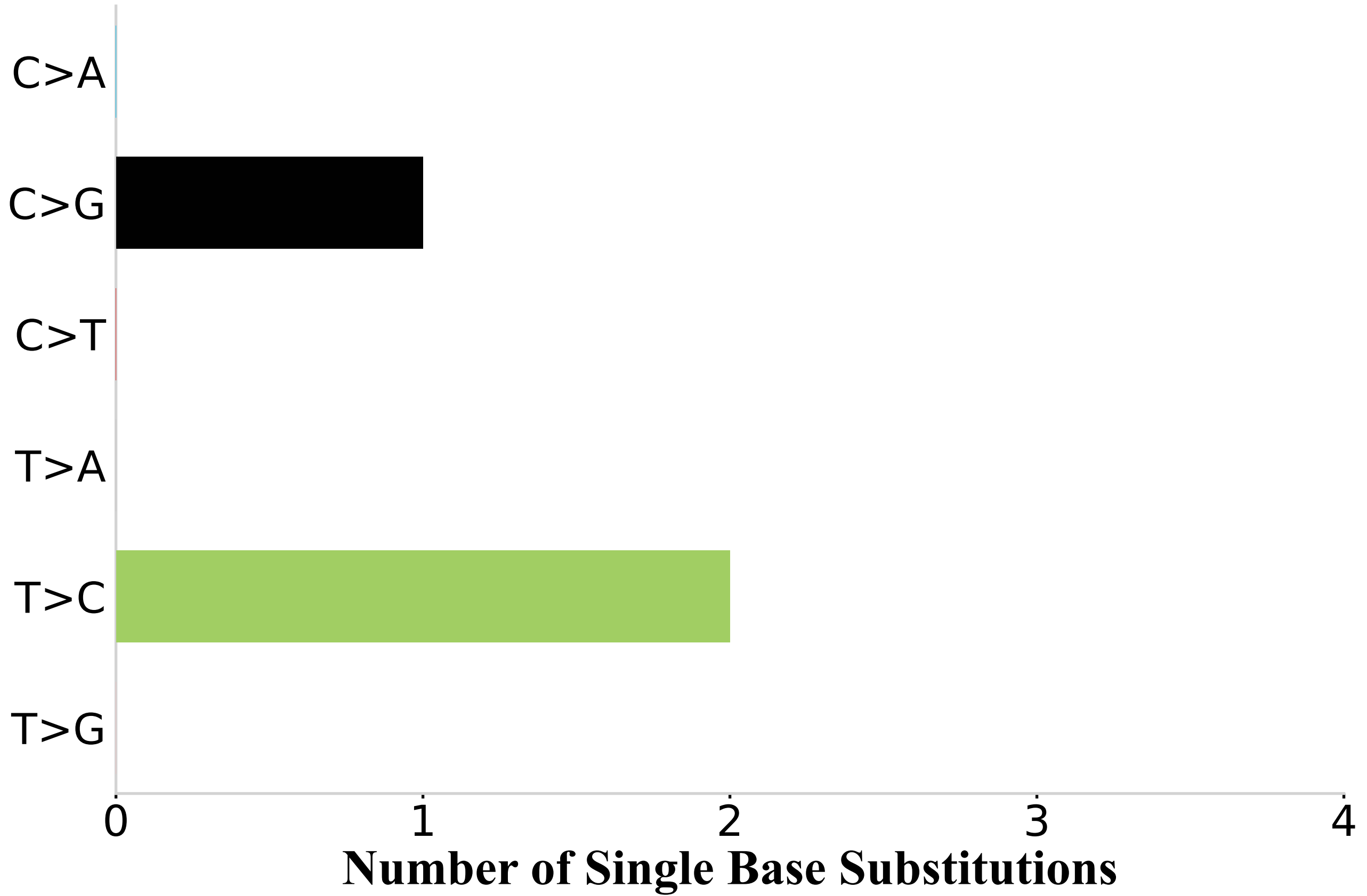
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Number of Single Base Substitutions



P-0017811-T01-IM6: 3 subs



P-0017819-T01-IM6: 0 subs

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C>G

C>T

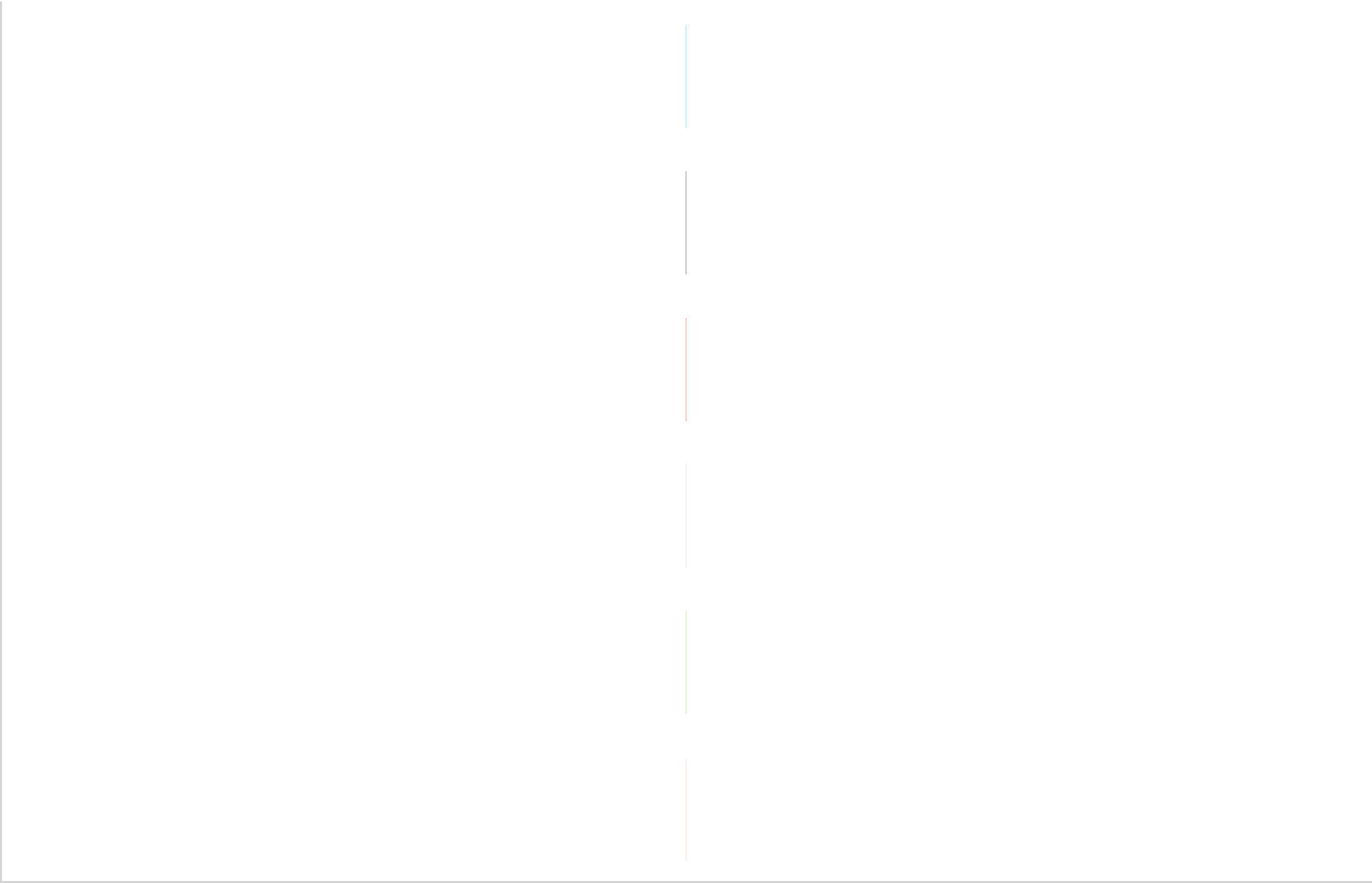
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T>C

T>G

0

Number of Single Base Substitutions



P-0017851-T01-IM6: 3 subs



P-0017859-T01-IM6: 0 subs

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C>T

T>A

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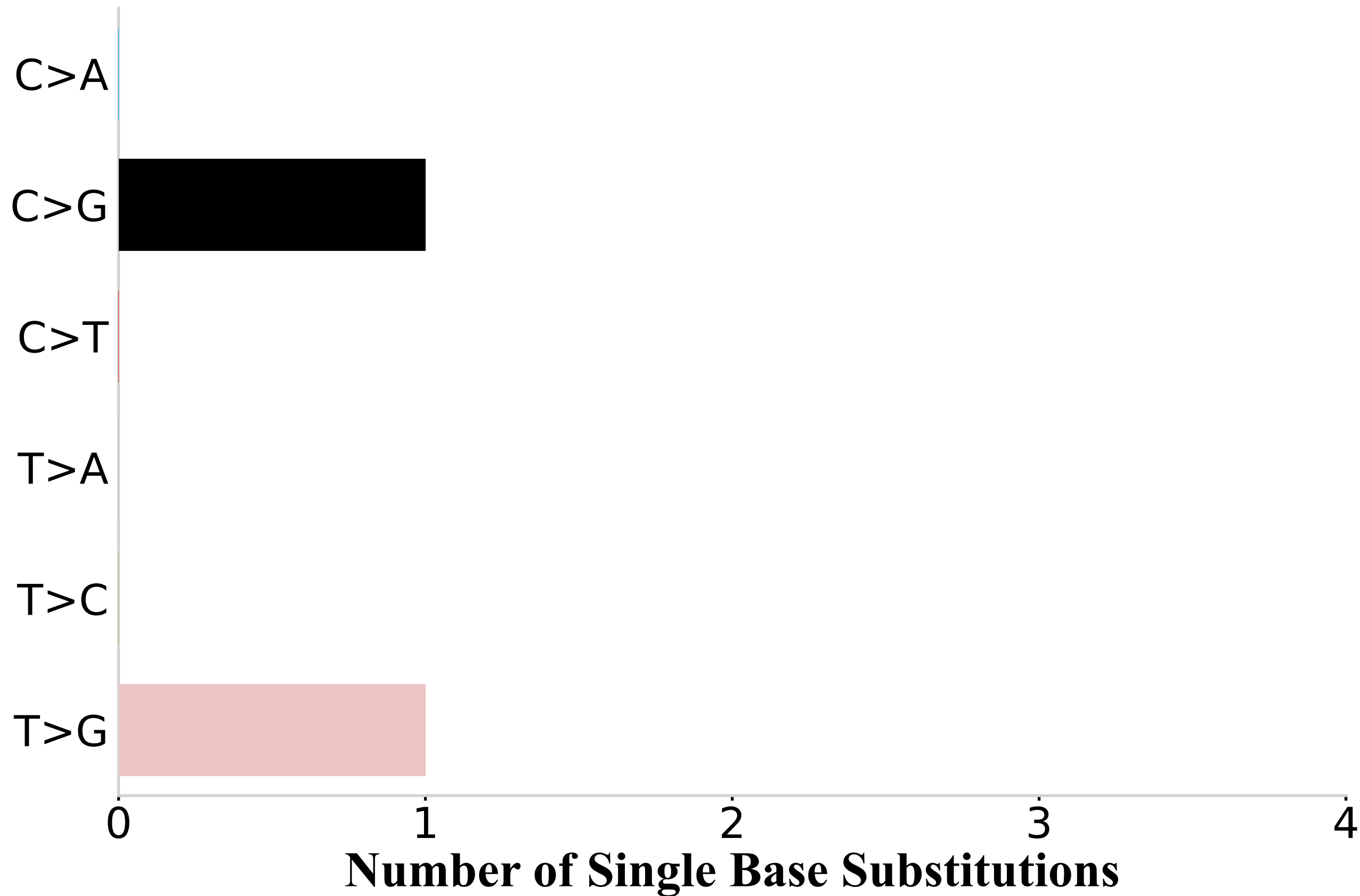
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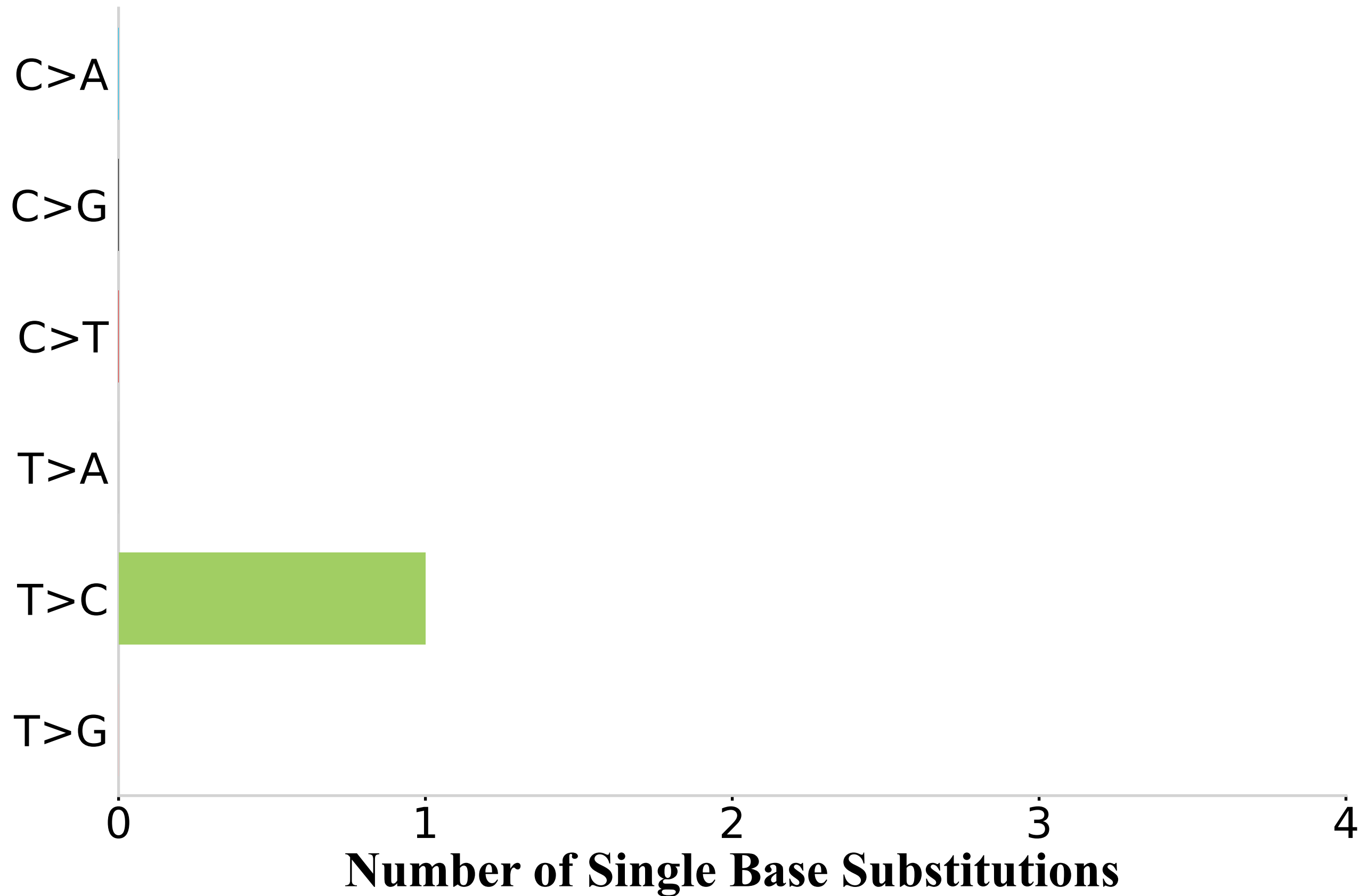
Number of Single Base Substitutions



P-0017982-T01-IM6: 2 subs



P-0018001-T01-IM6: 1 subs



P-0018225-T01-IM6: 1 subs



P-0018583-T02-IM6: 0 subs

C>A

C>G

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T>A

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Number of Single Base Substitutions



P-0018677-T01-IM6: 1 subs



P-0018913-T02-IM6: 0 subs

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C>G

C>T

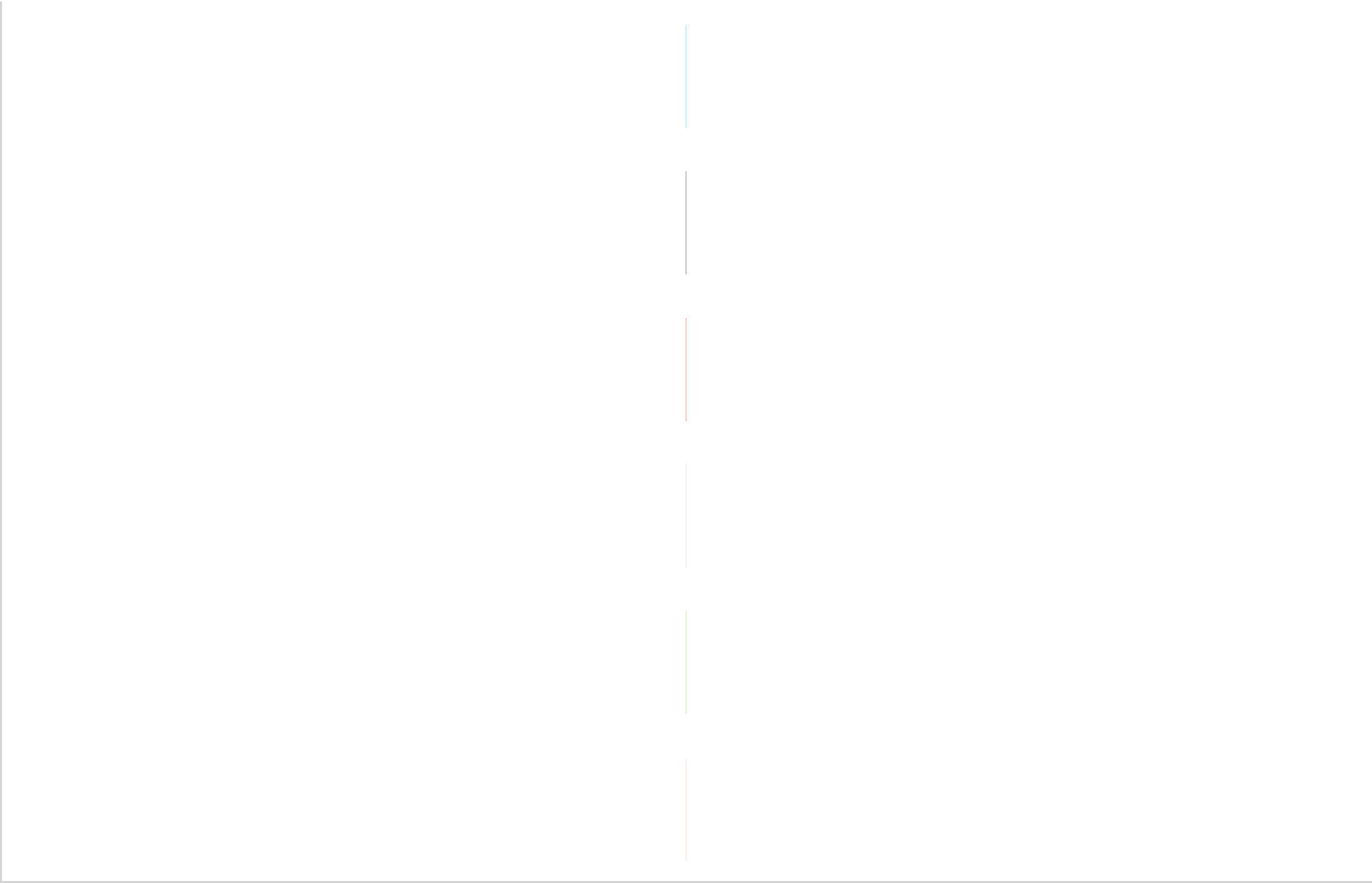
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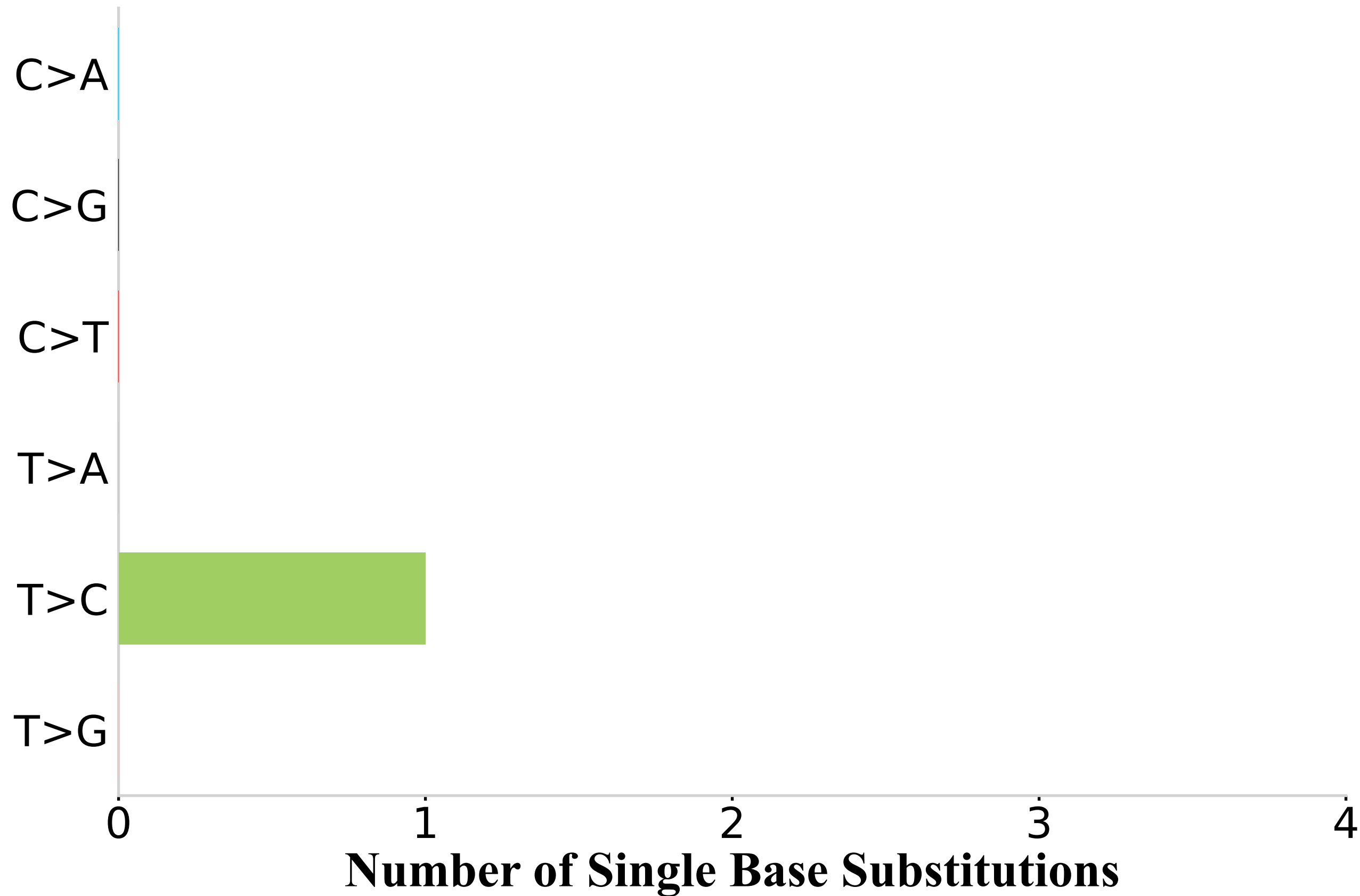
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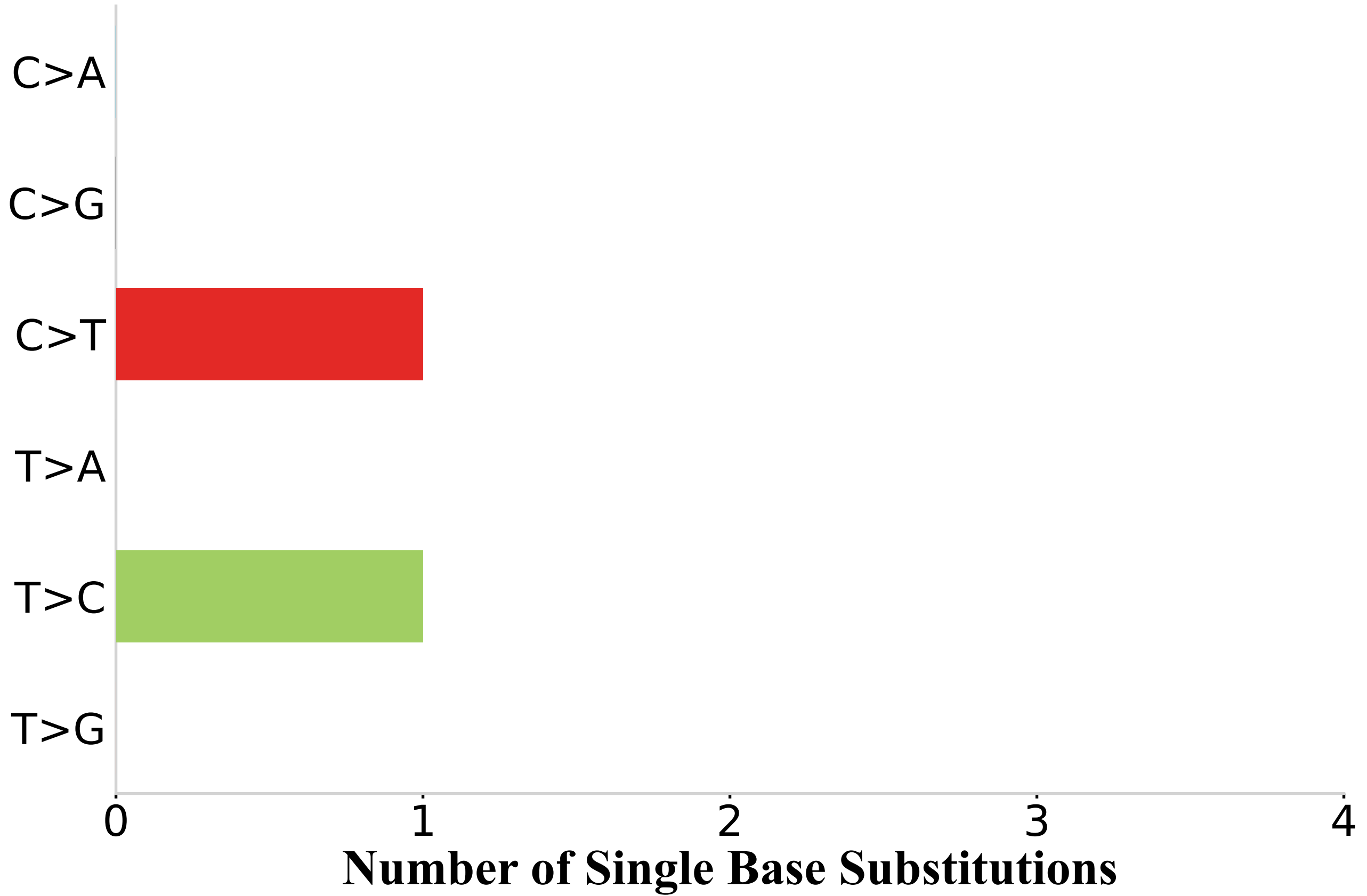
Number of Single Base Substitutions



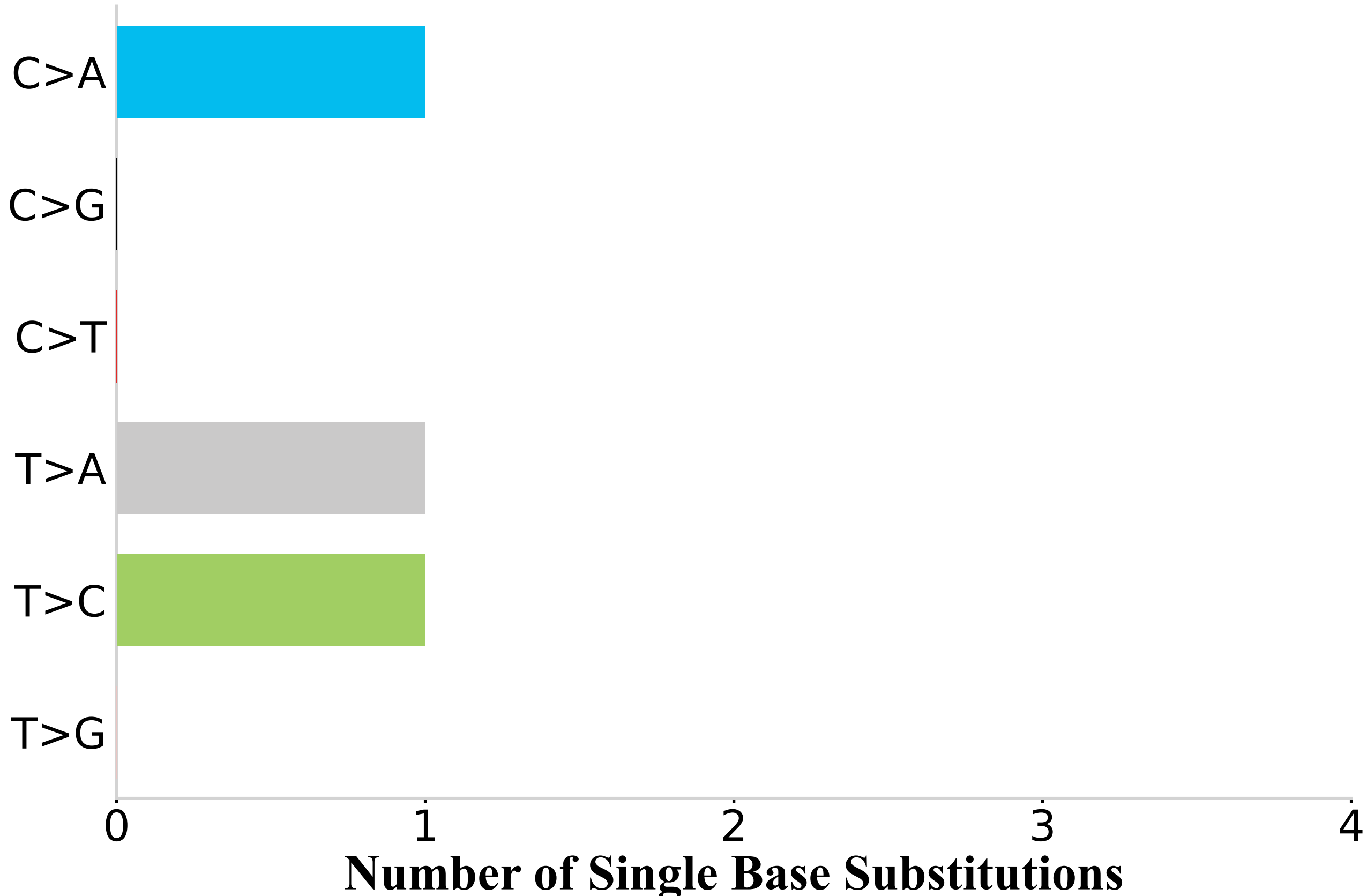
P-0018973-T01-IM6: 1 subs



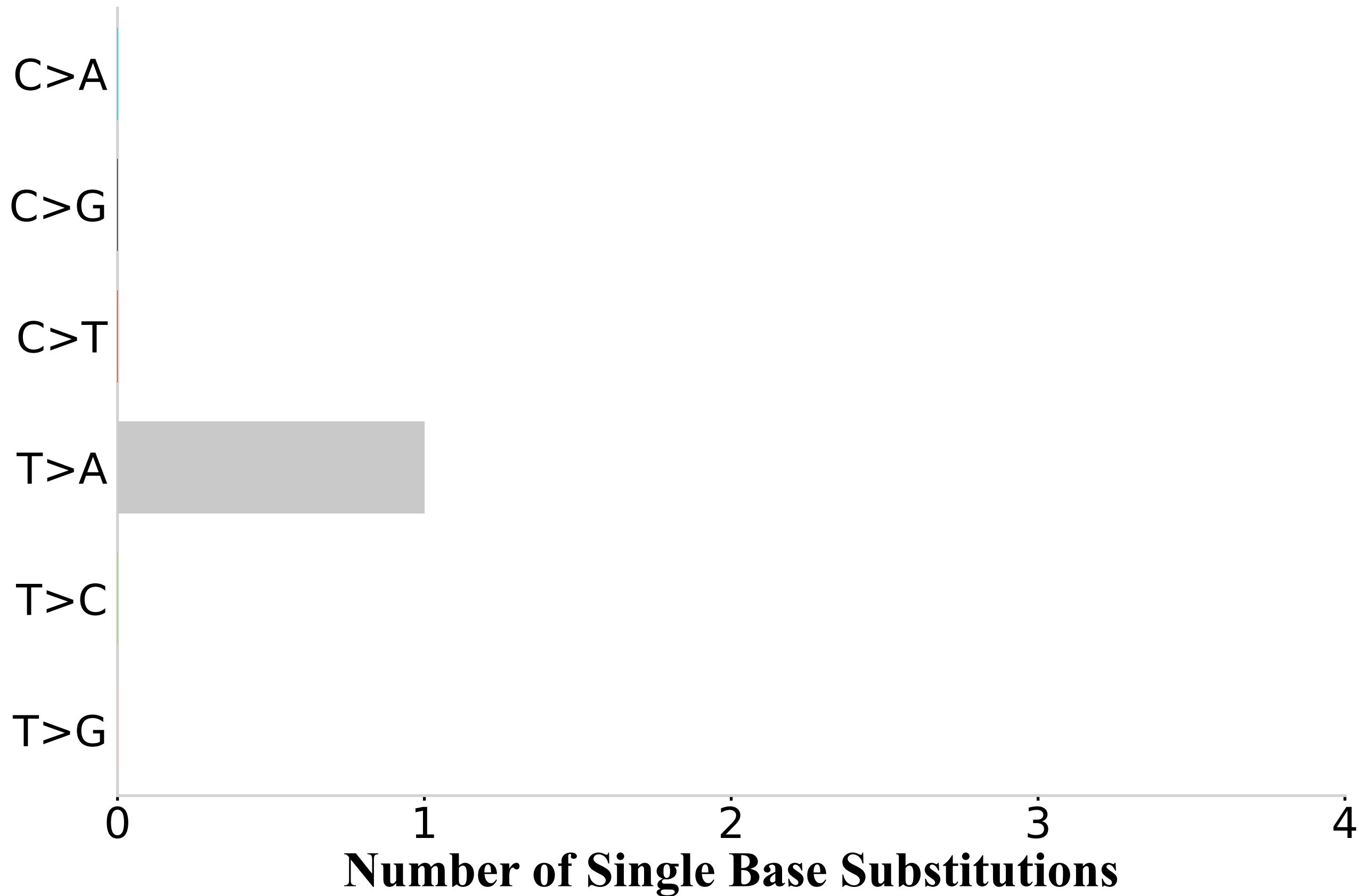
P-0019004-T01-IM6: 2 subs



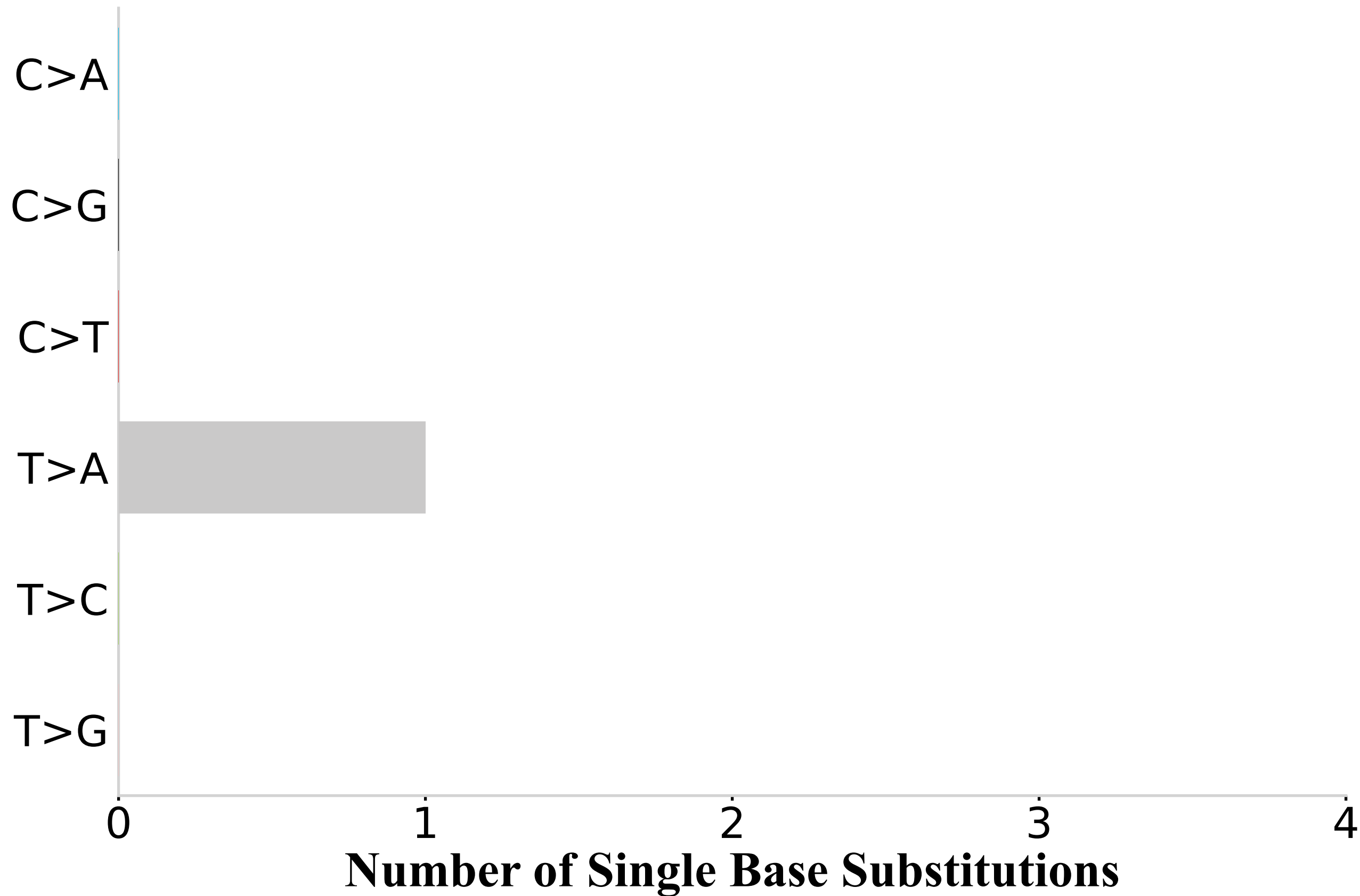
P-0019006-T01-IM6: 3 subs



P-0019415-T01-IM6: 1 subs



P-0019438-T01-IM6: 1 subs



P-0019583-T01-IM6: 0 subs

C>A

C>G

C>T

T>A

T>C

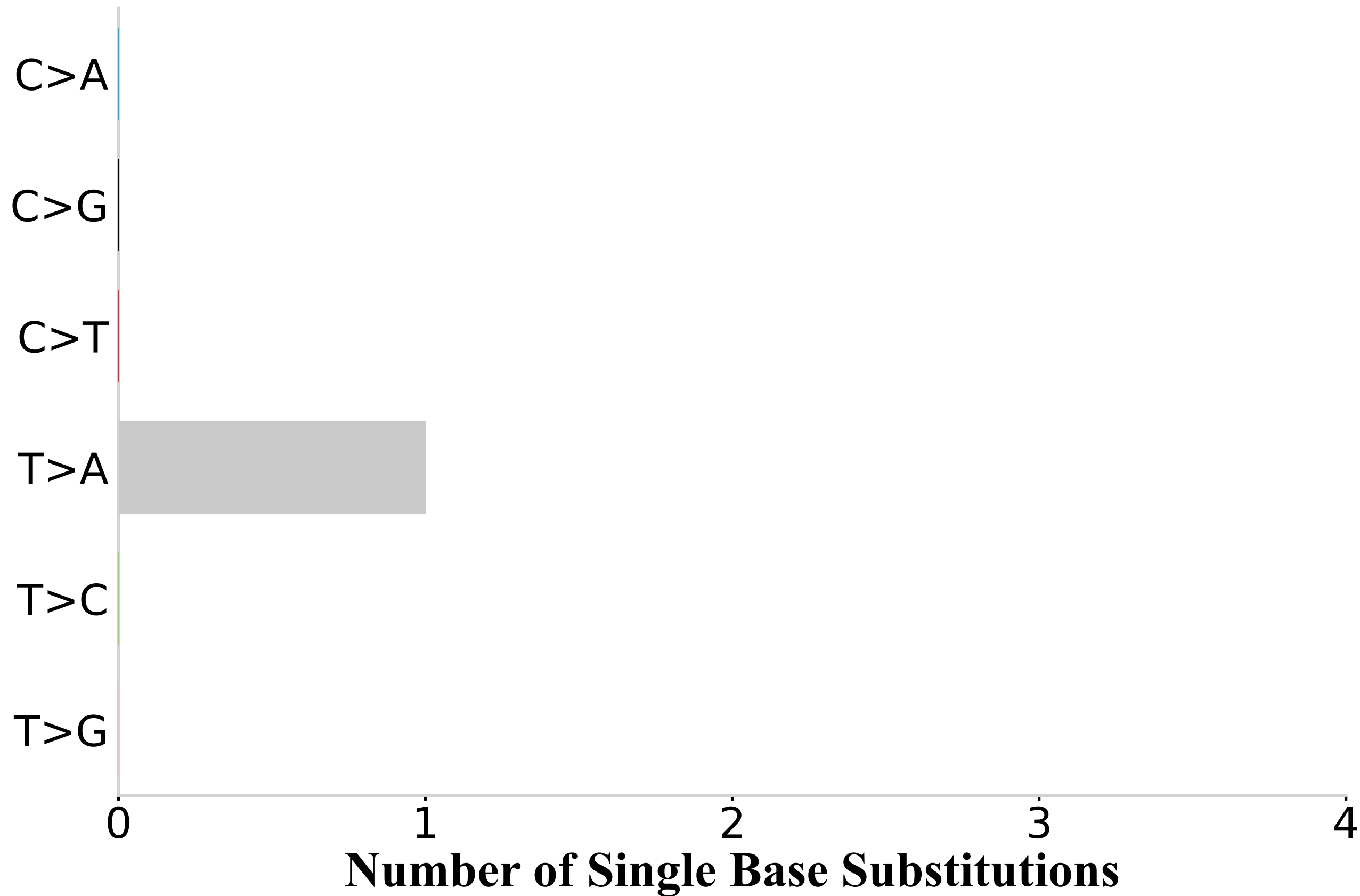
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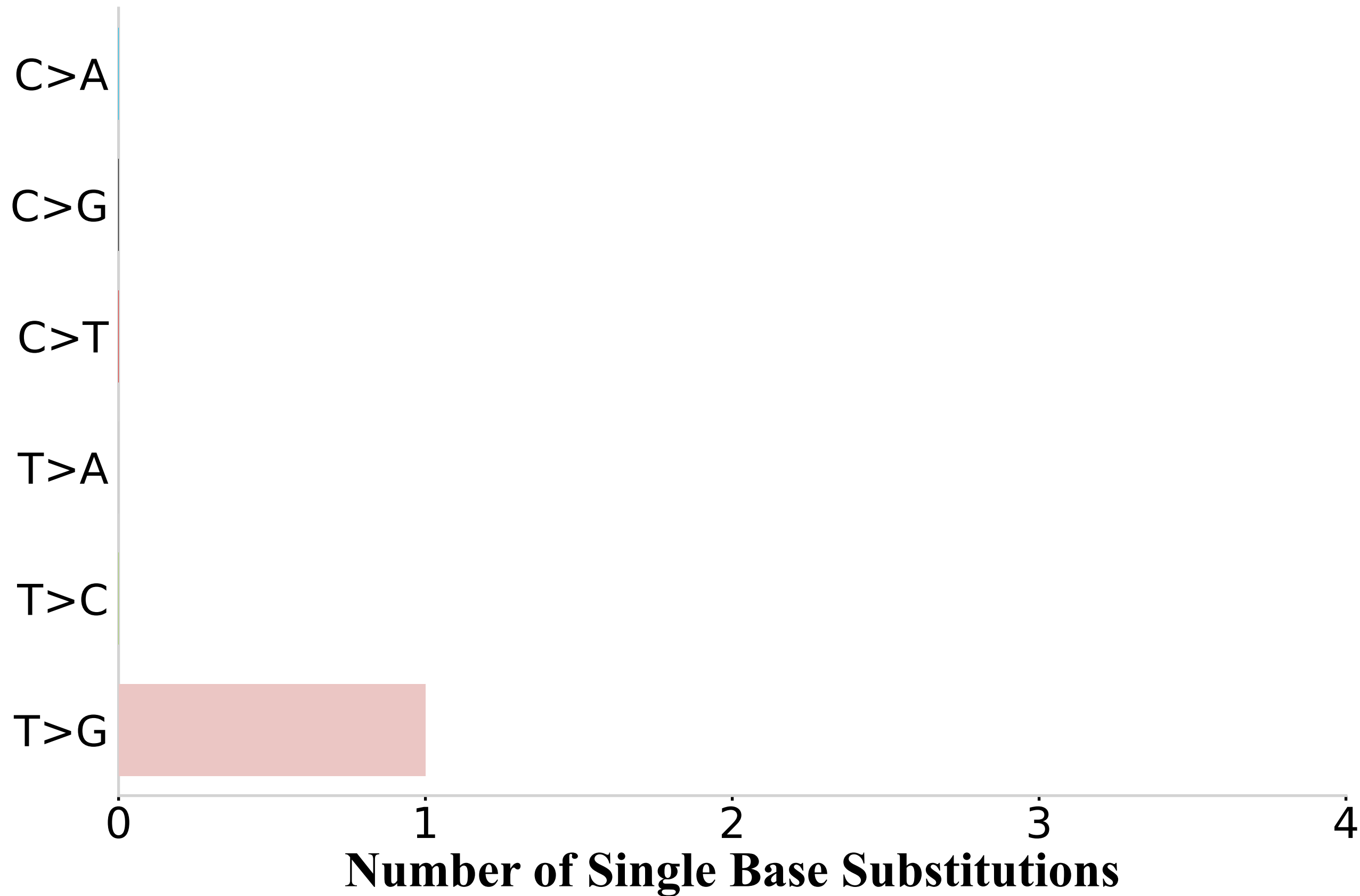
Number of Single Base Substitutions



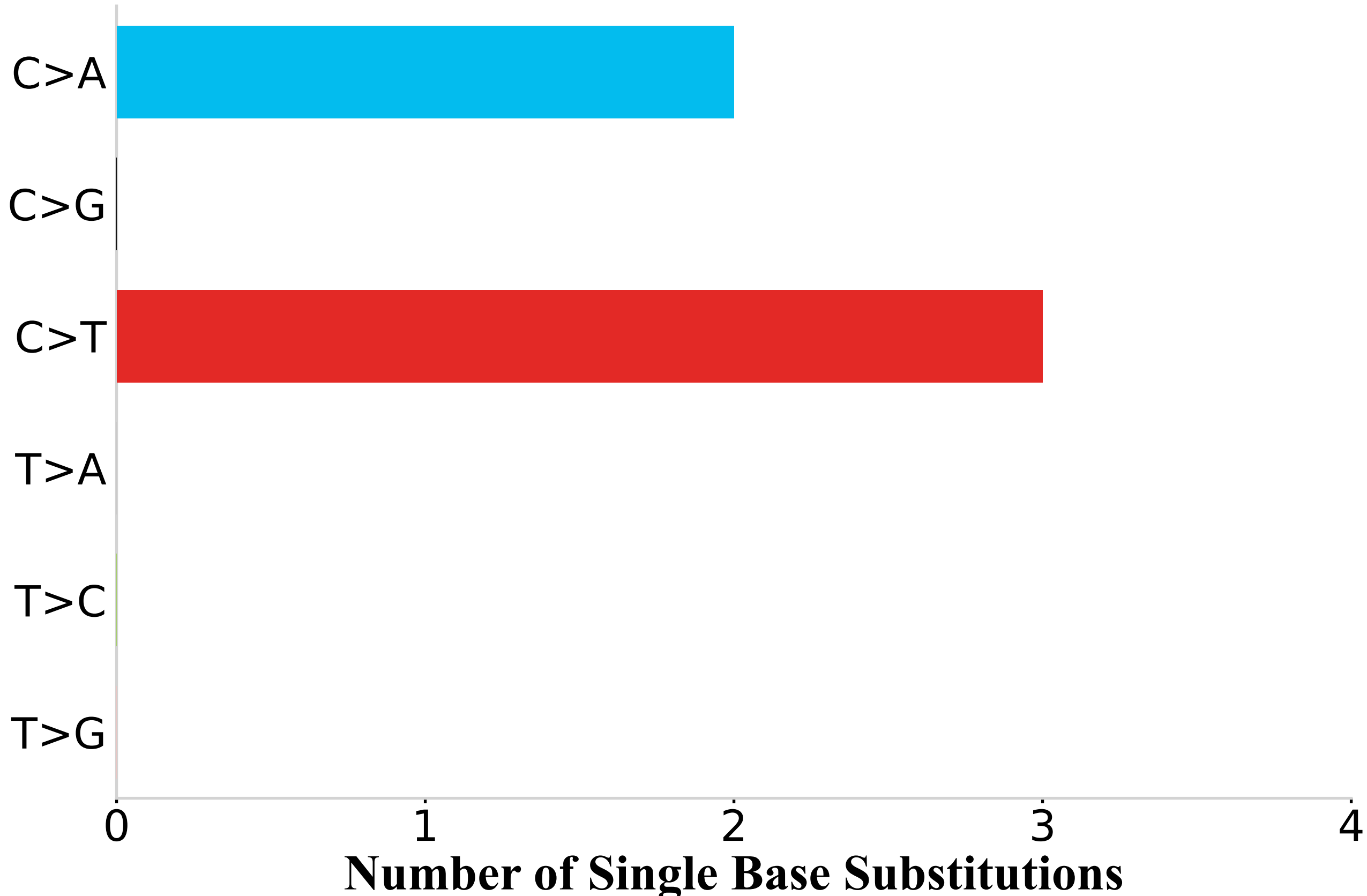
P-0019921-T01-IM6: 1 subs



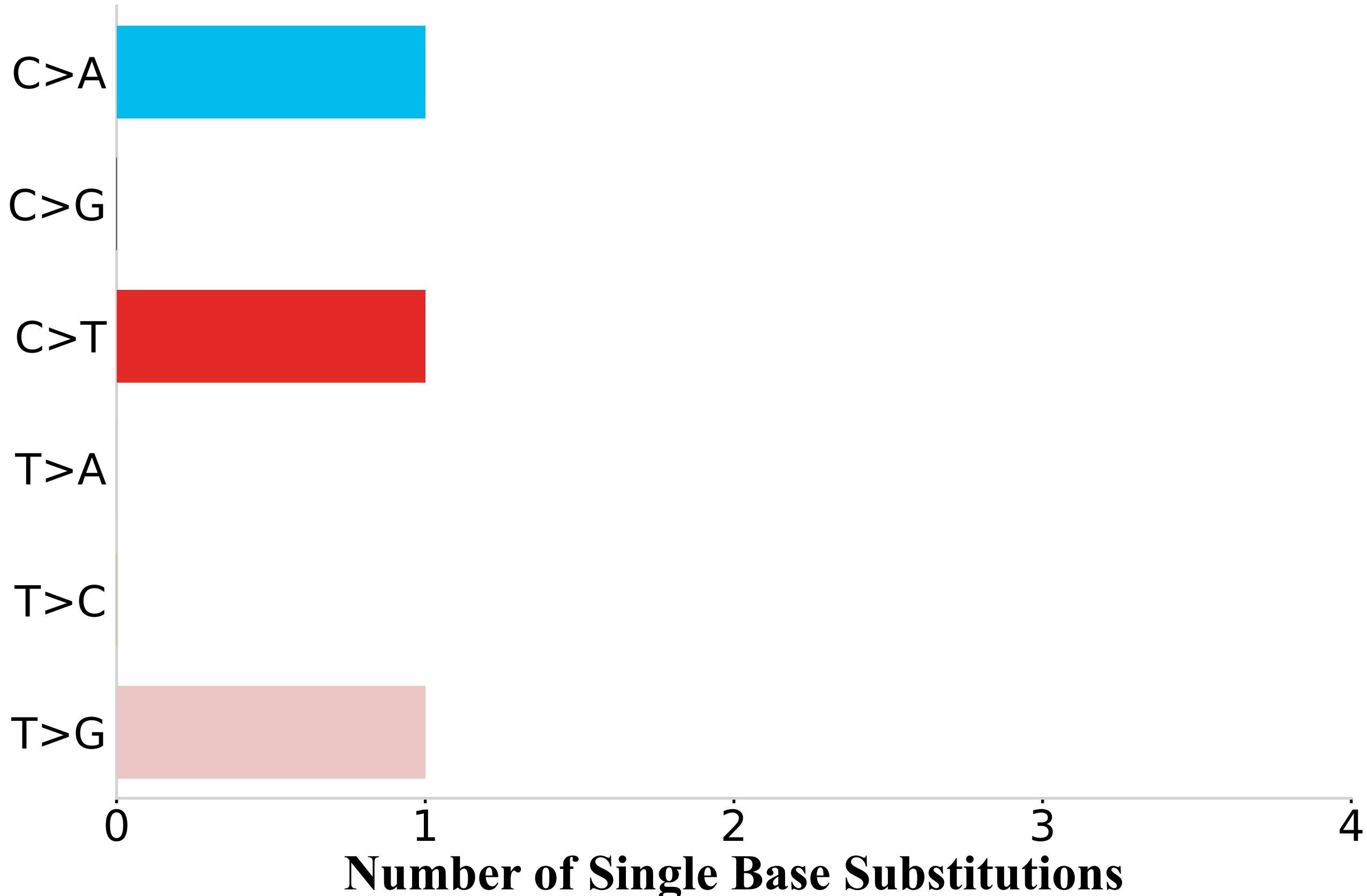
P-0019948-T01-IM6: 1 subs



P-0019993-T01-IM6: 5 subs



P-0020108-T02-IM6: 3 subs



P-0020162-T01-IM6: 0 subs

C>A

C>G

C>T

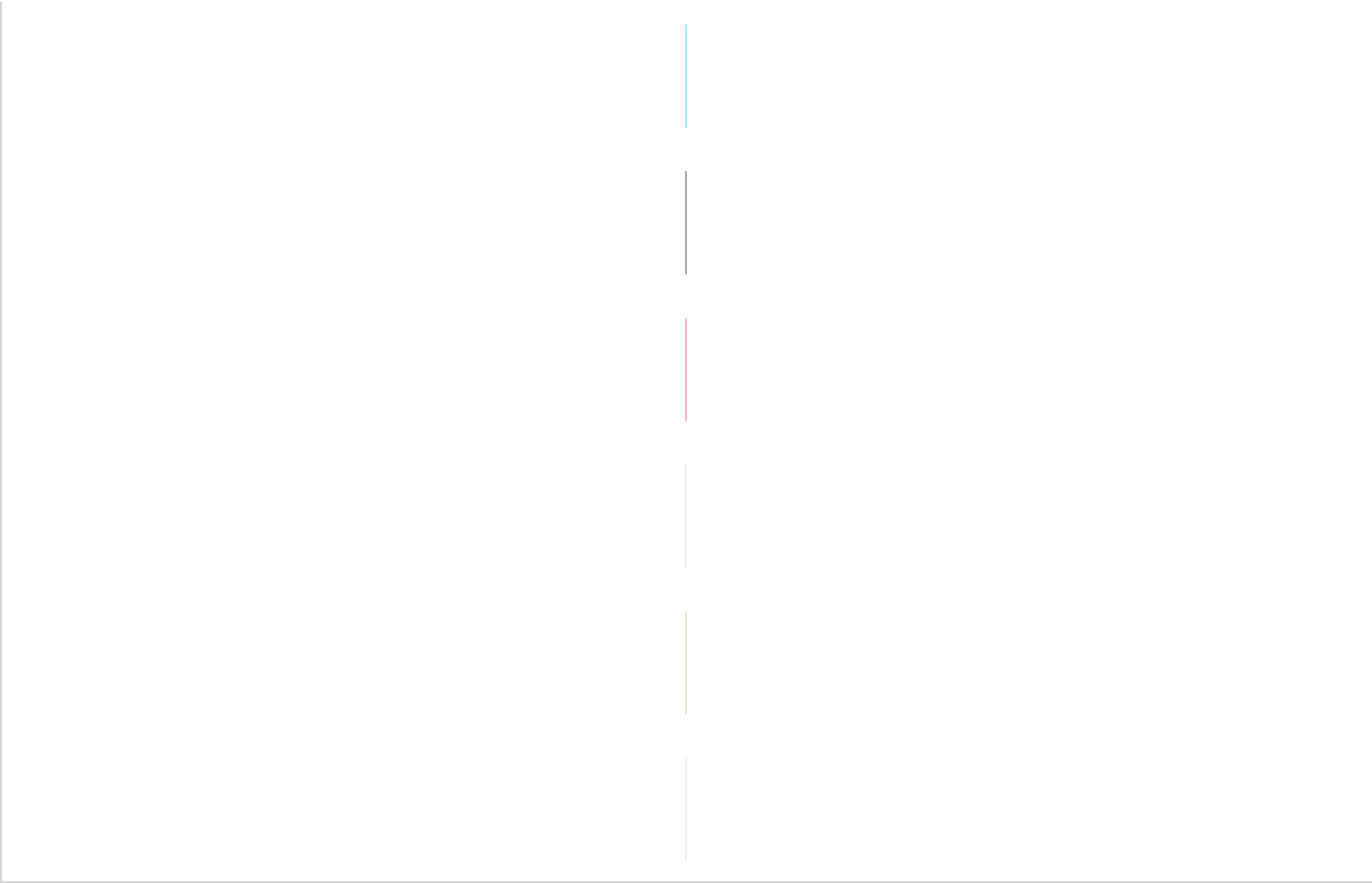
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T>C

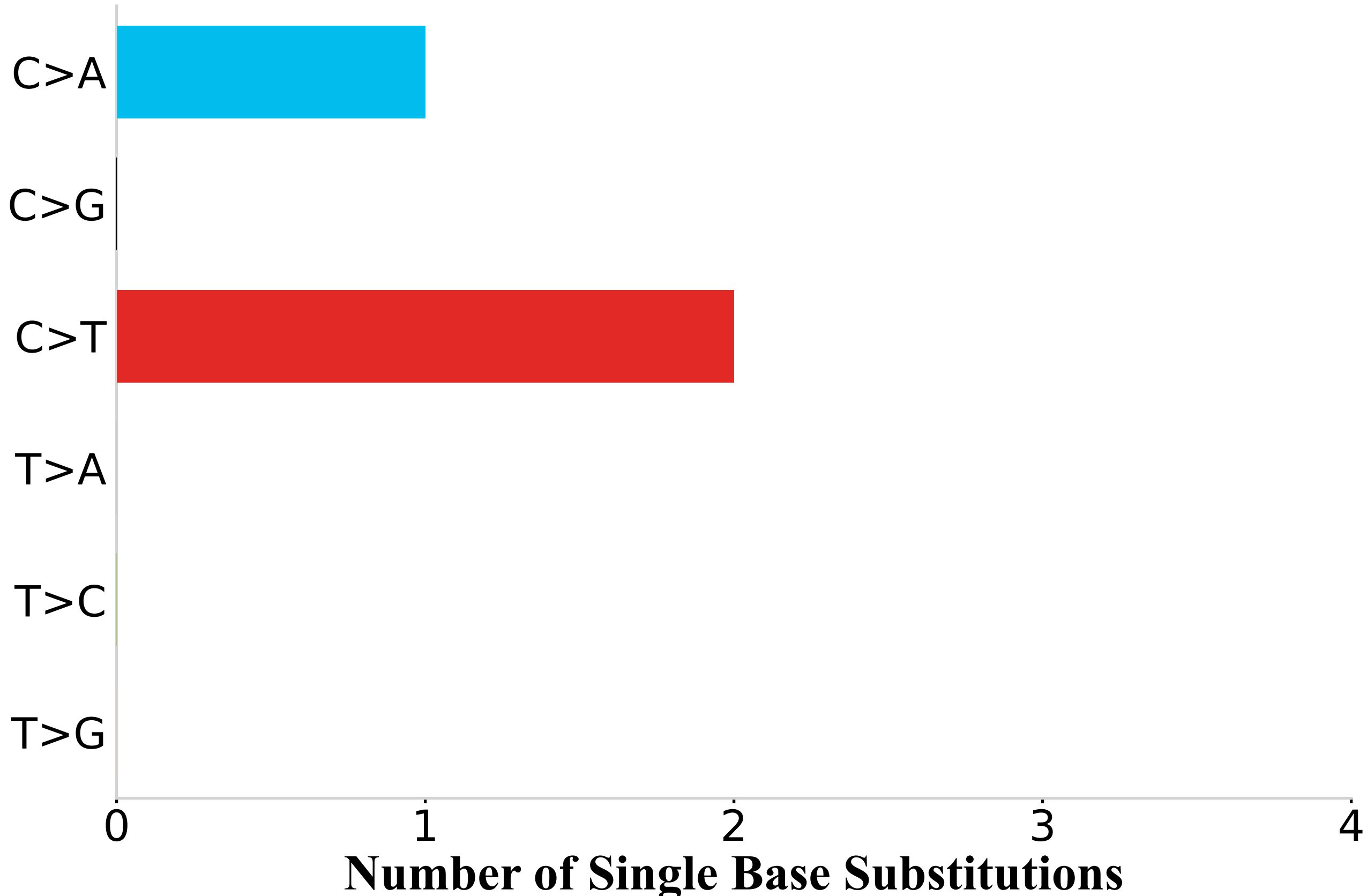
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0

Number of Single Base Substitutions



P-0020297-T01-IM6: 3 subs



P-0020389-T01-IM6: 0 subs

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C>G

C>T

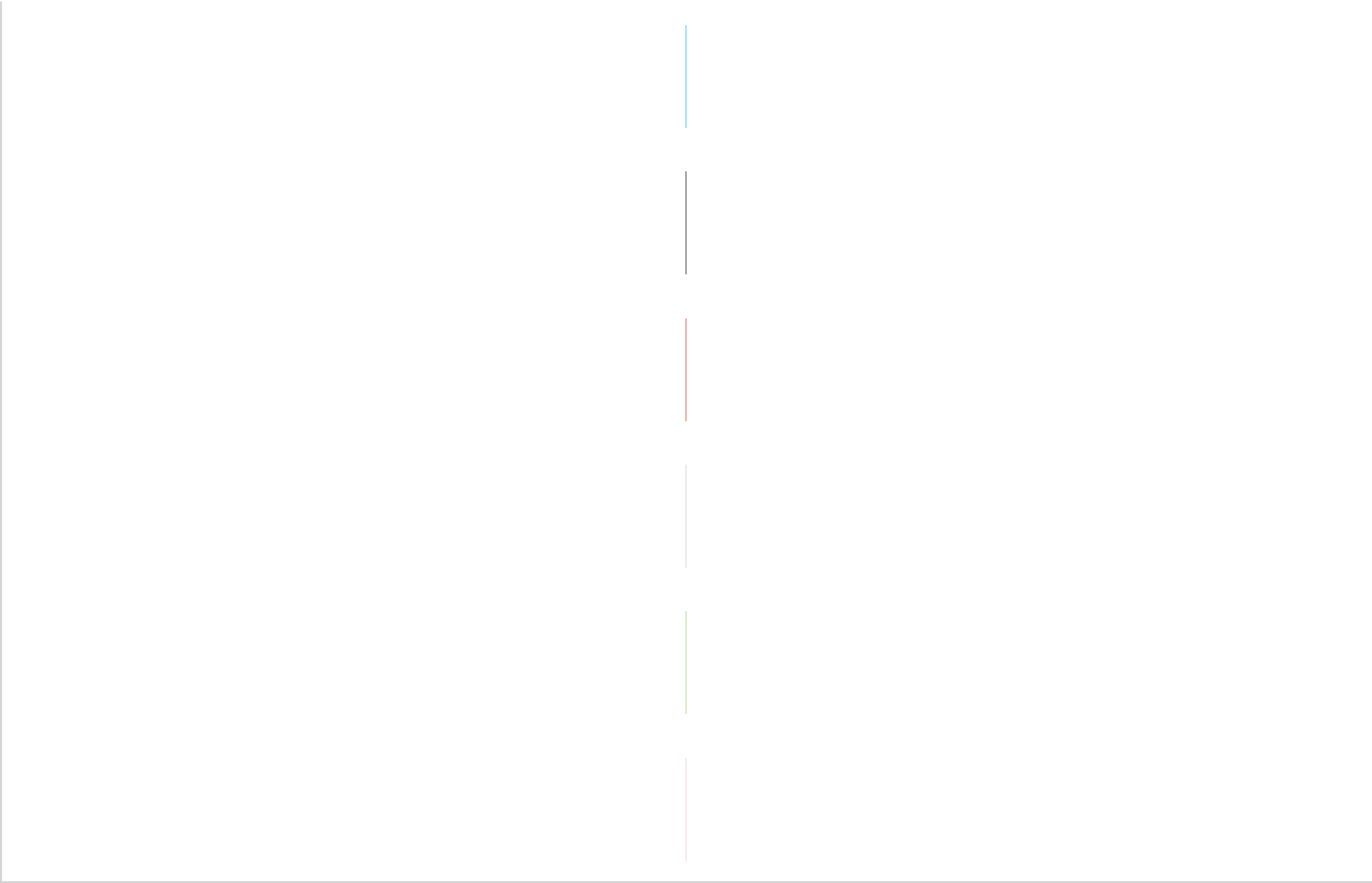
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T>C

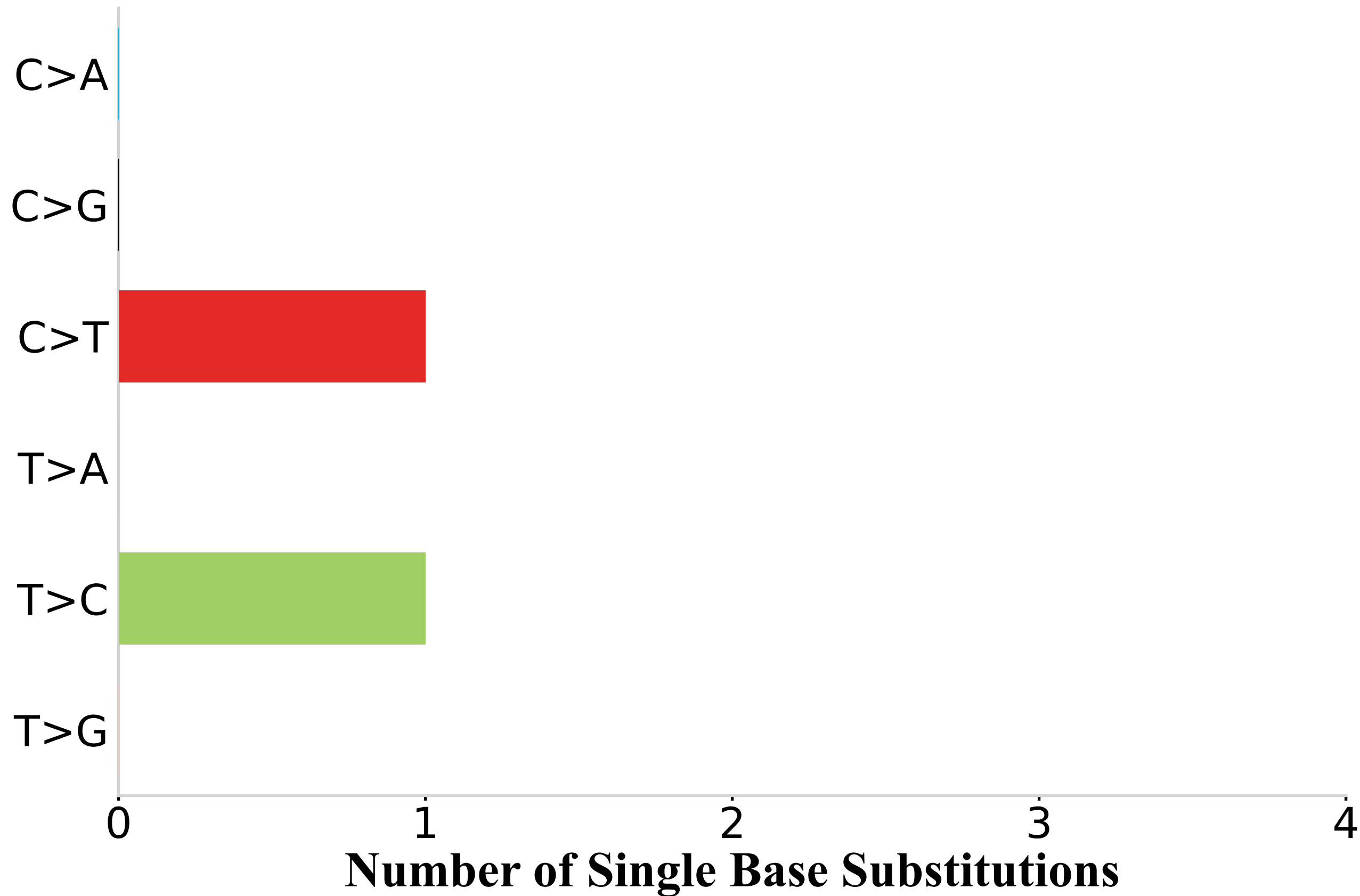
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Number of Single Base Substitutions



P-0020415-T03-IM6: 2 subs



P-0020724-T01-IM6: 0 subs

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C>G

C>T

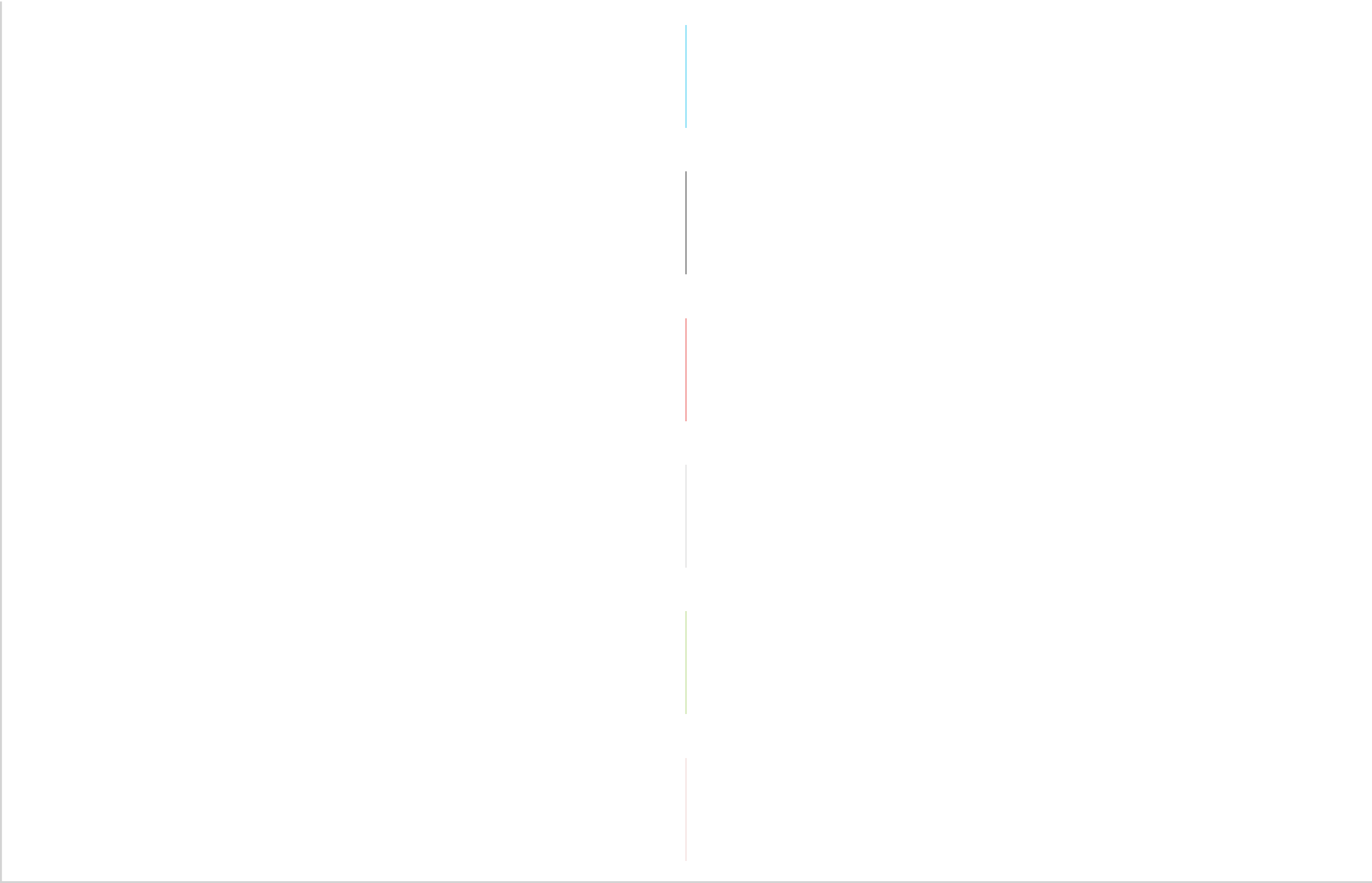
T>A

T>C

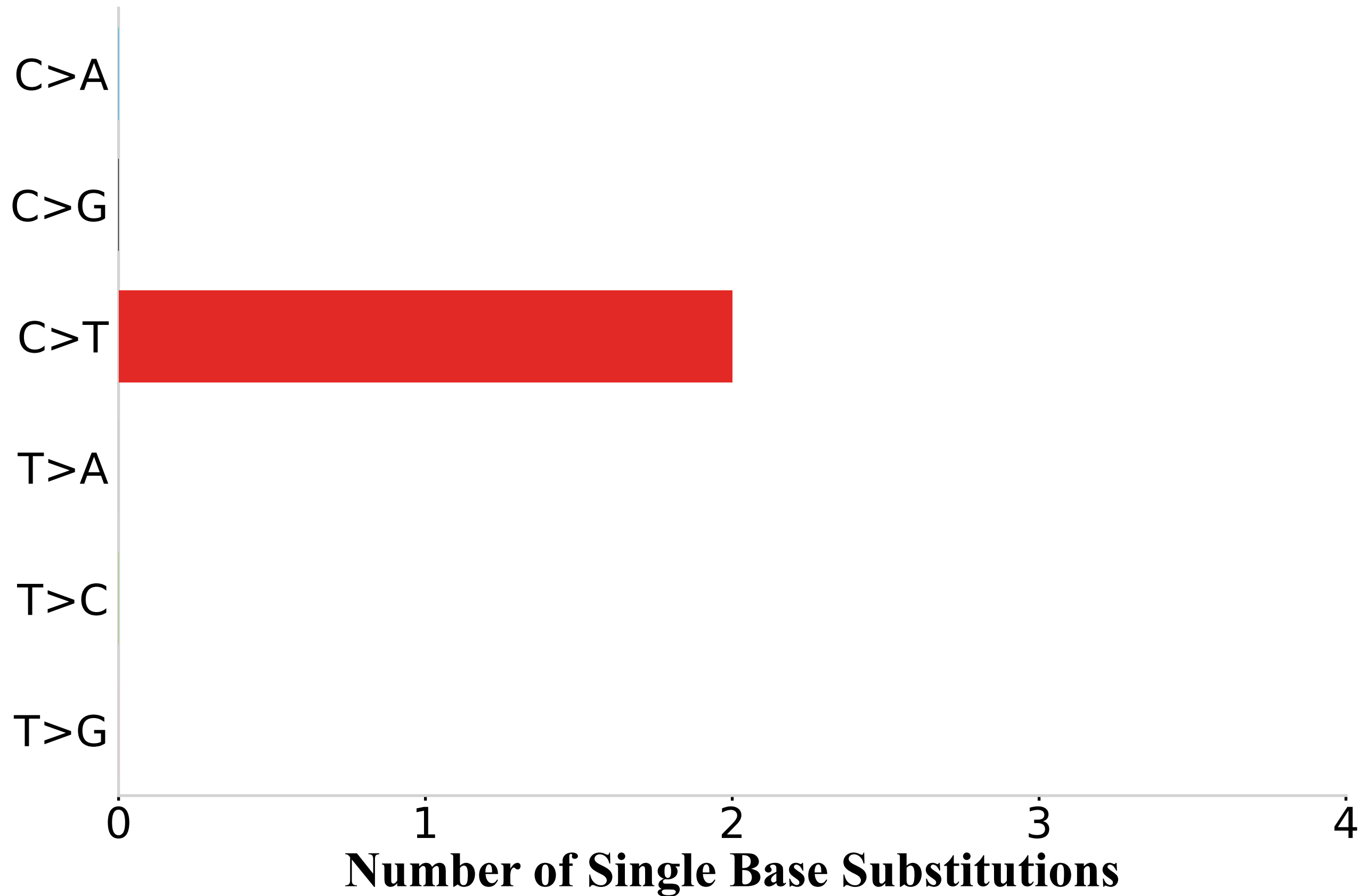
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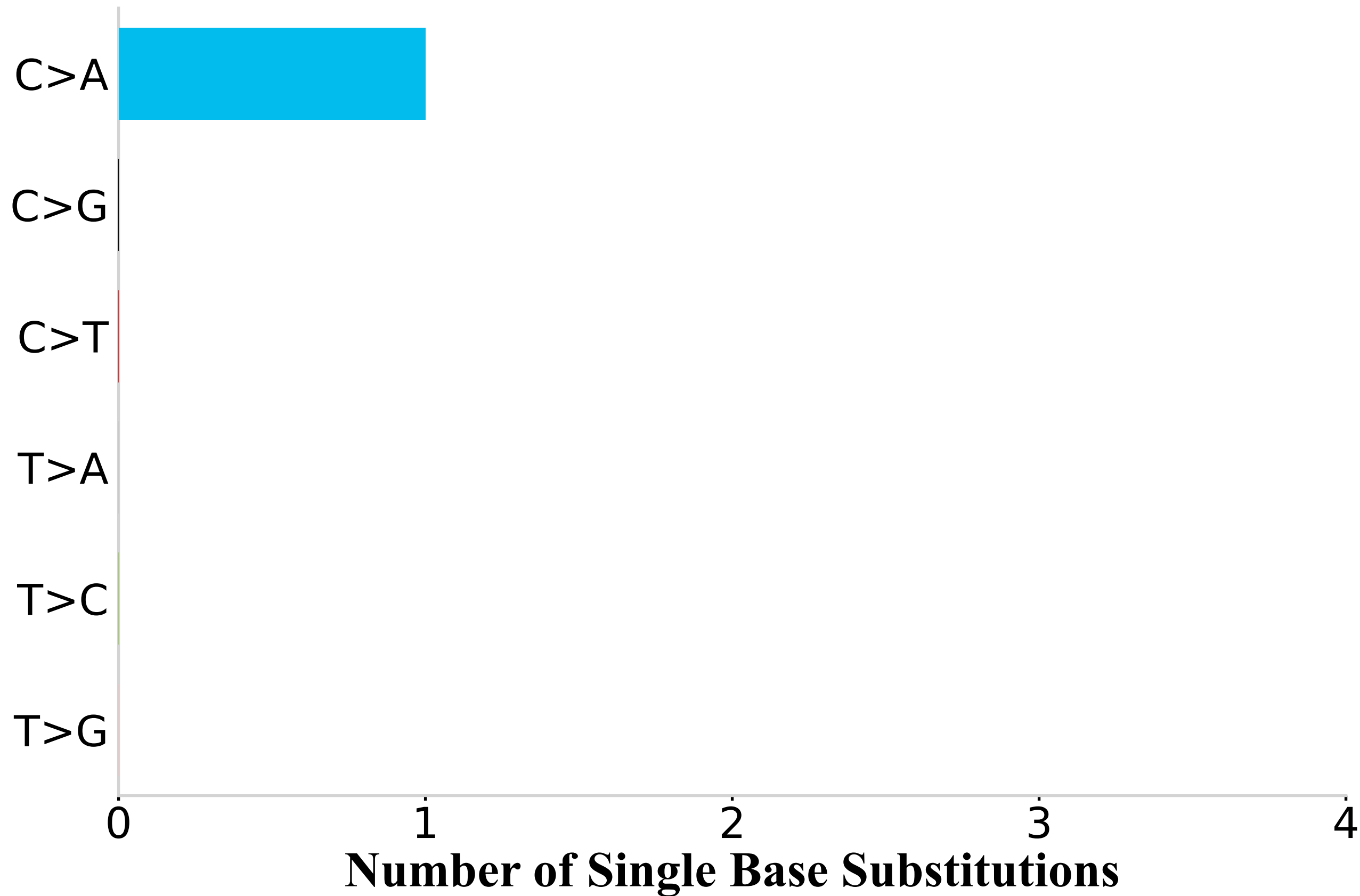
Number of Single Base Substitutions



P-0021050-T01-IM6: 2 subs



P-0021556-T01-IM6: 1 subs



P-0021667-T01-IM6: 0 subs

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C>G

C>T

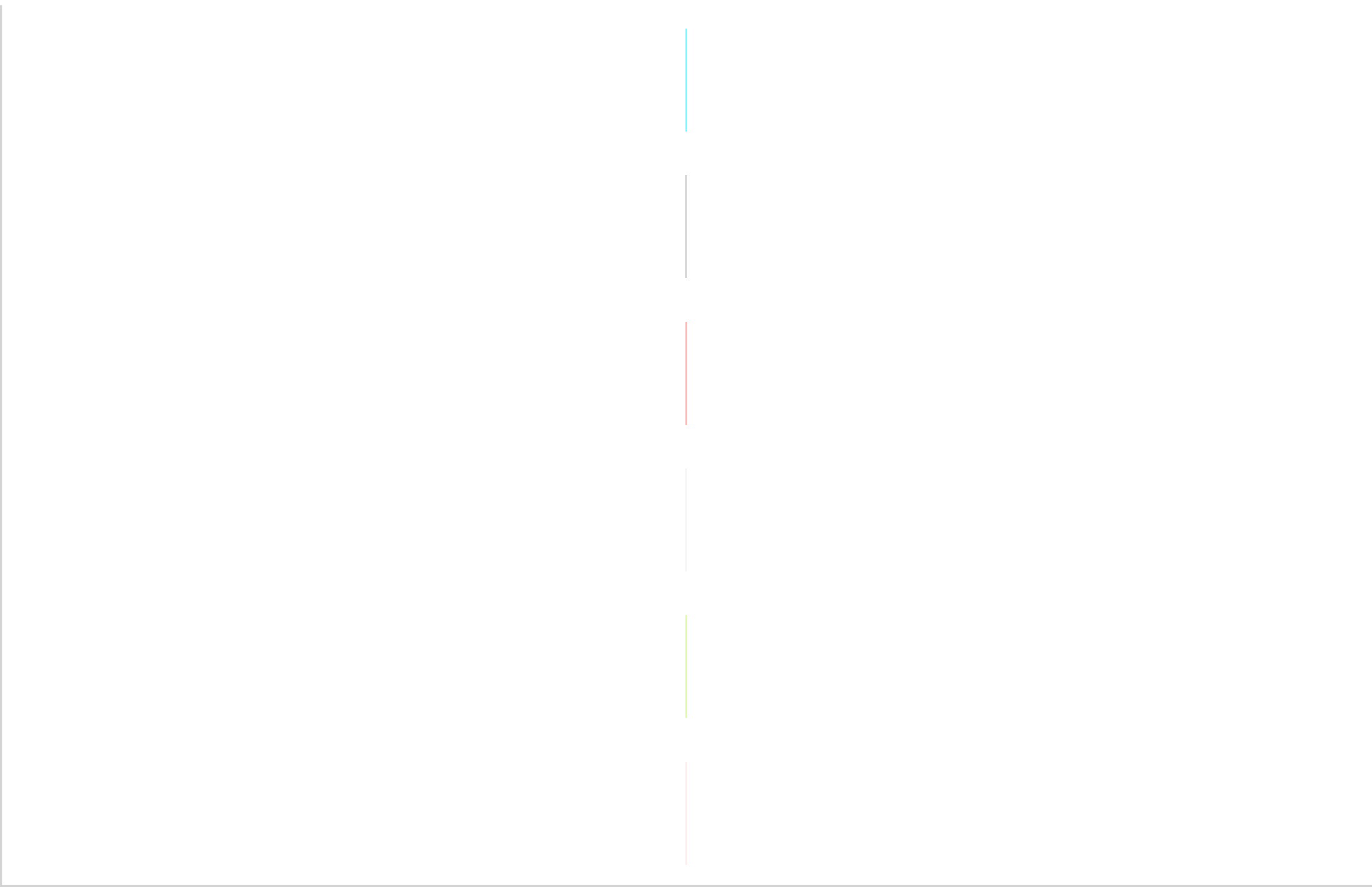
T>A

T>C

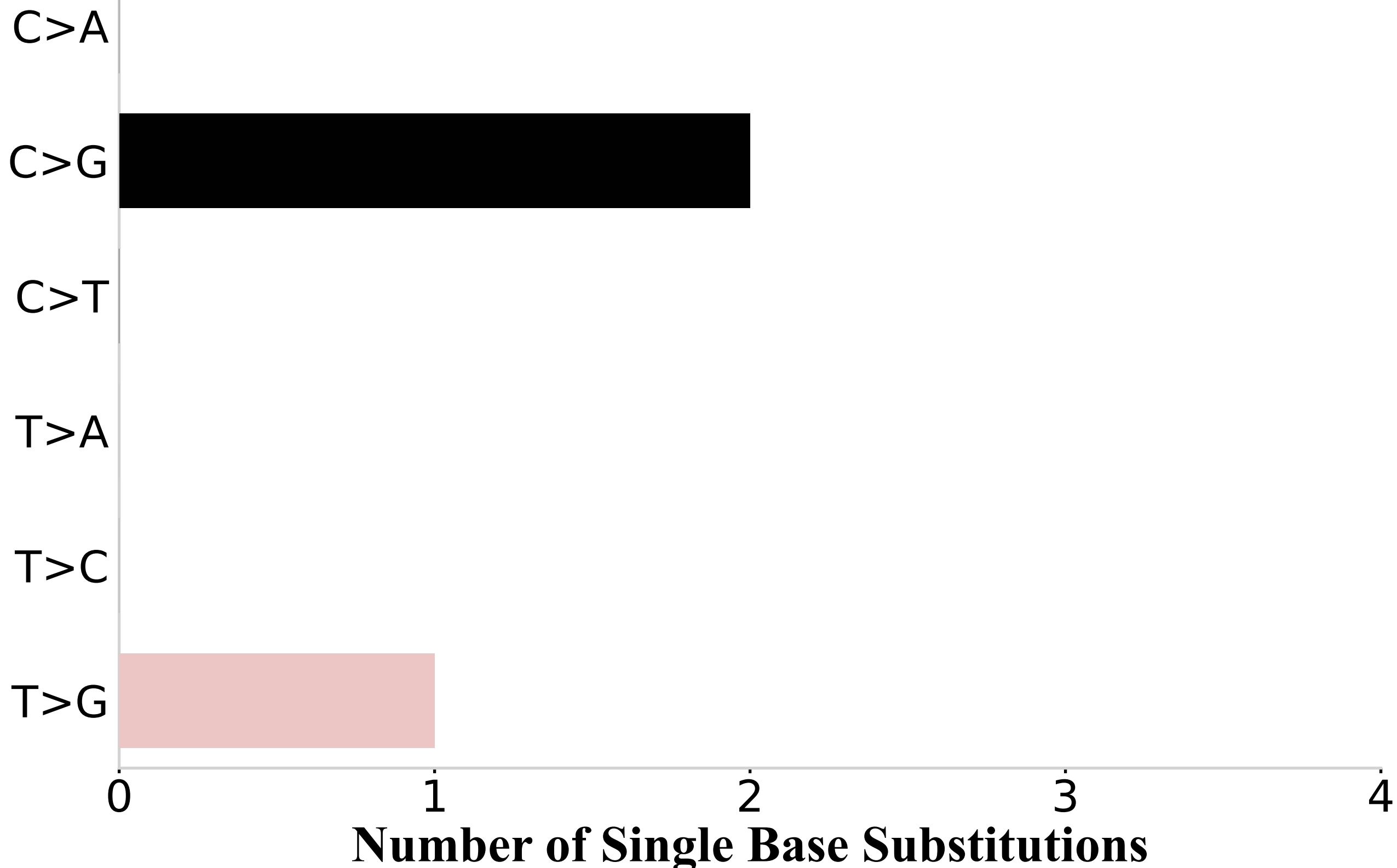
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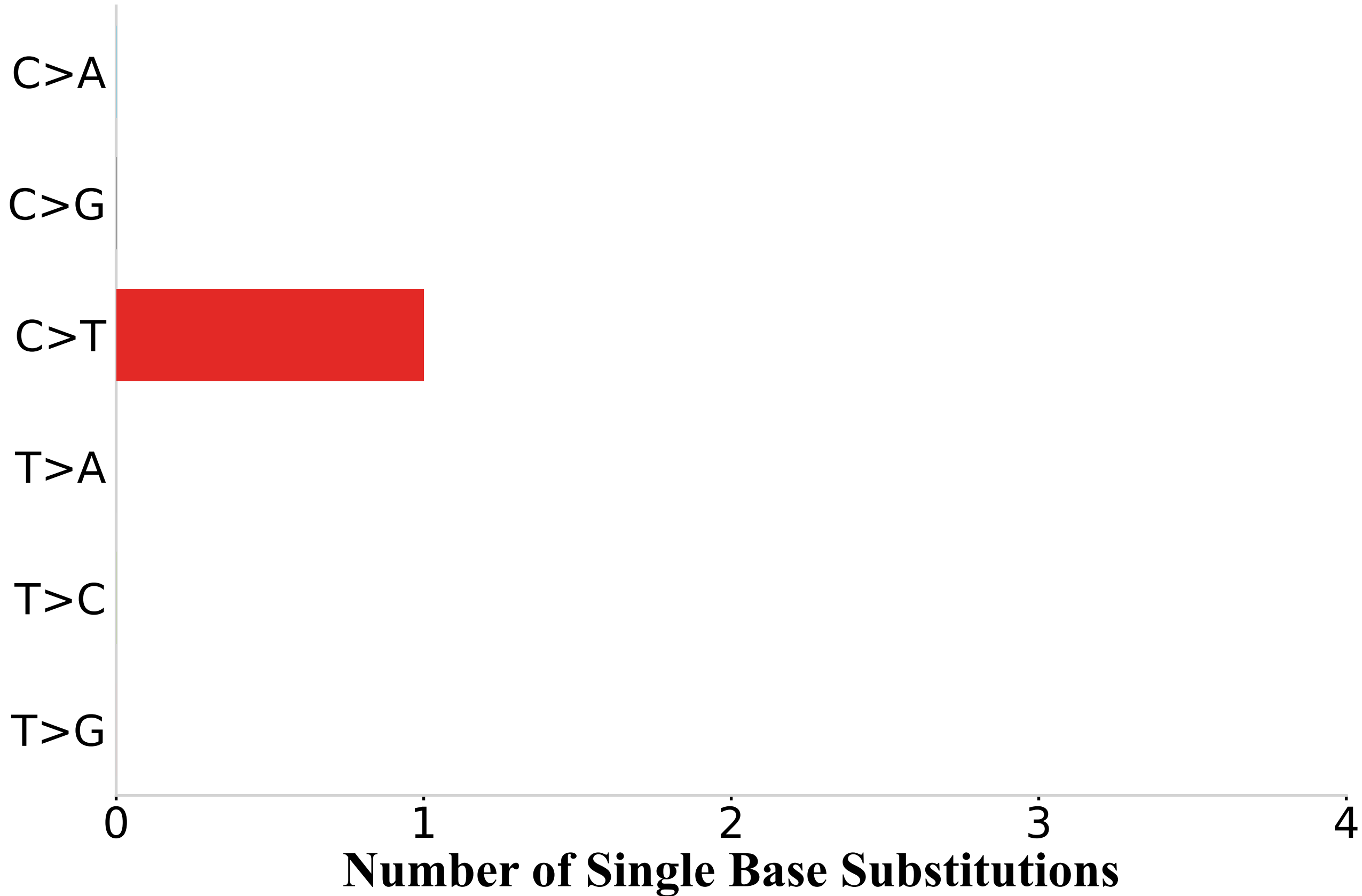
Number of Single Base Substitutions



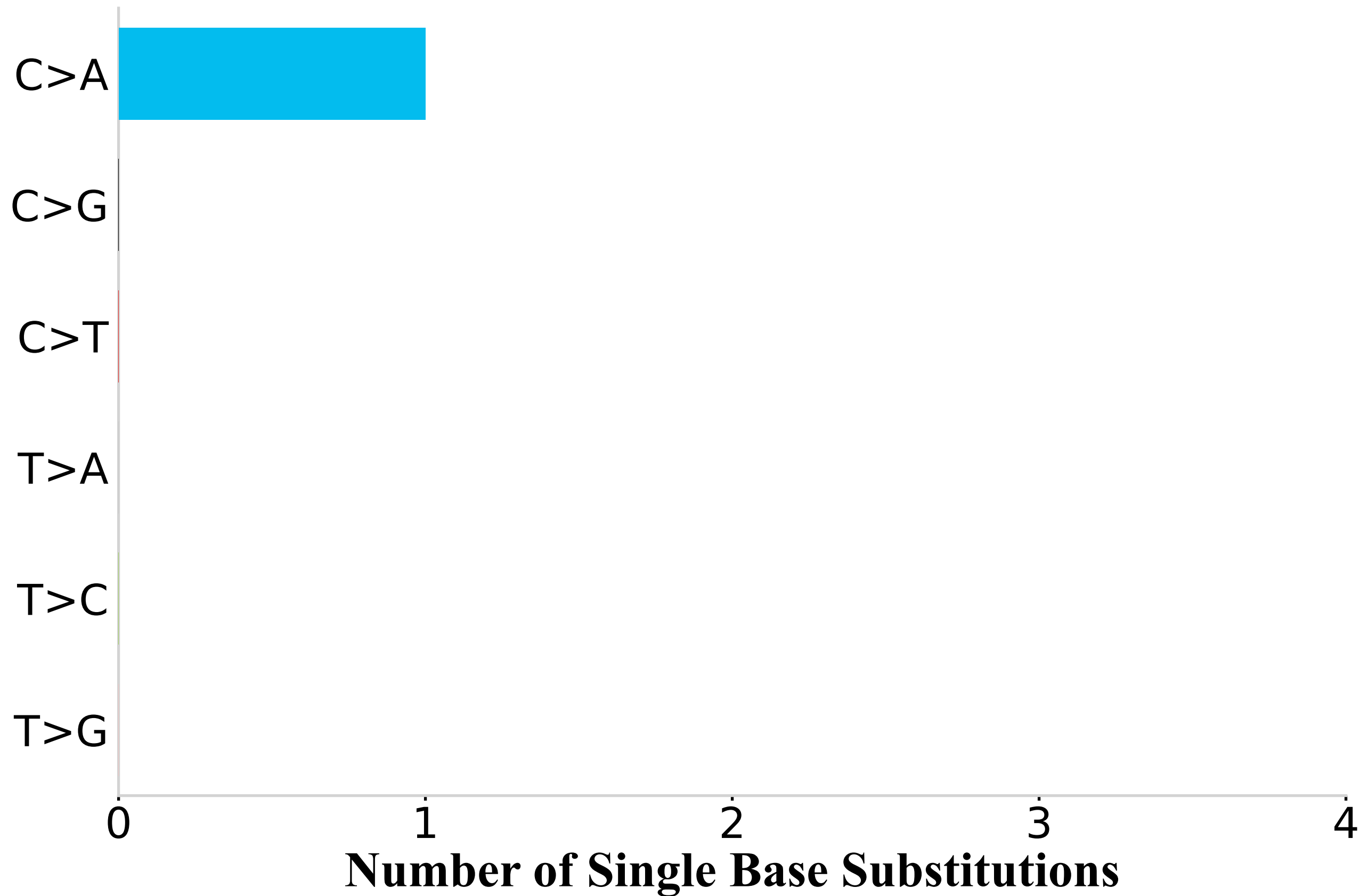
P-0021758-T01-IM6: 3 subs



P-0021978-T01-IM6: 1 subs



P-0022237-T01-IM6: 1 subs



P-0022357-T01-IM6: 0 subs

C>A

C>G

C>T

T>A

T>C

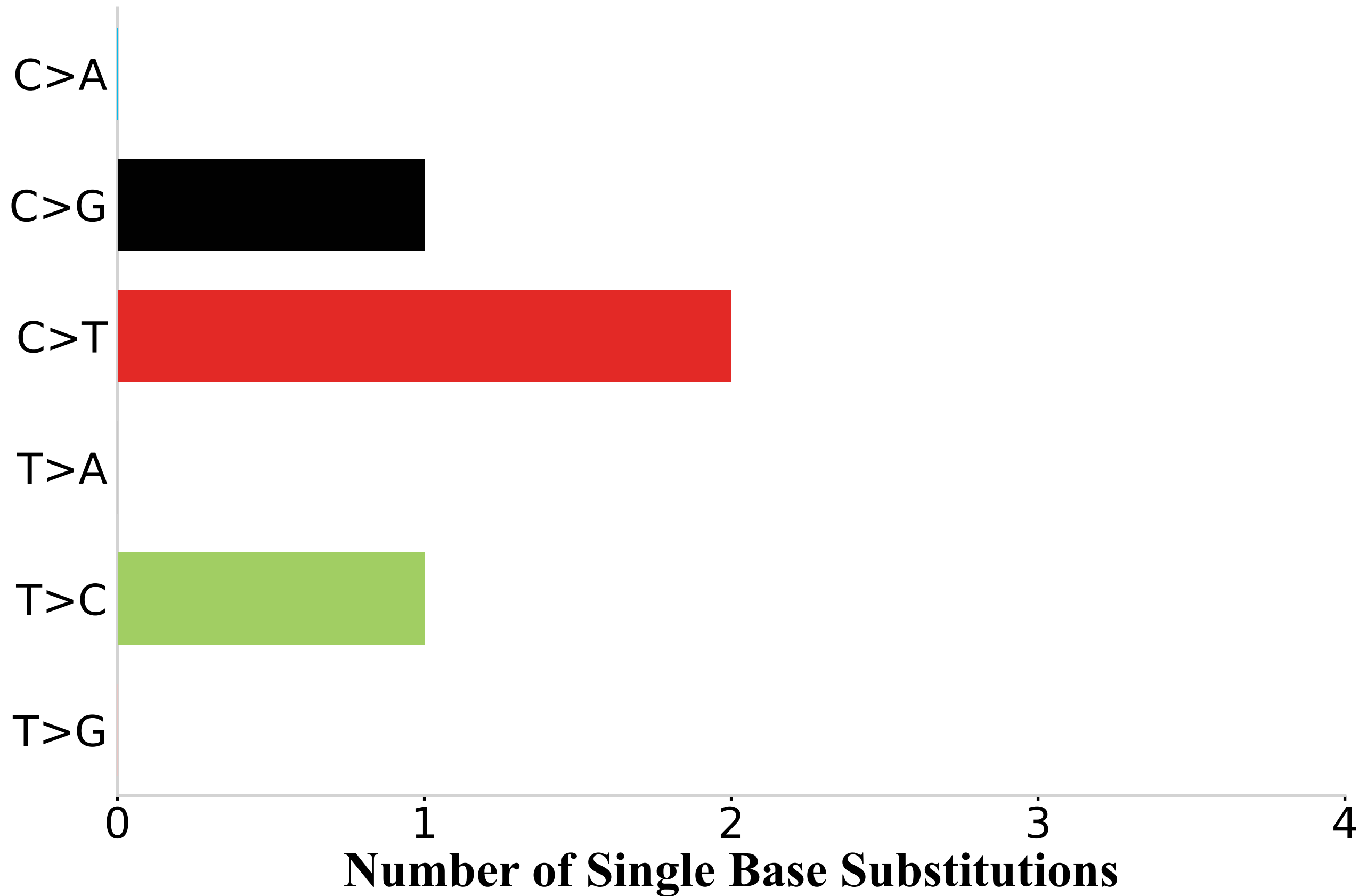
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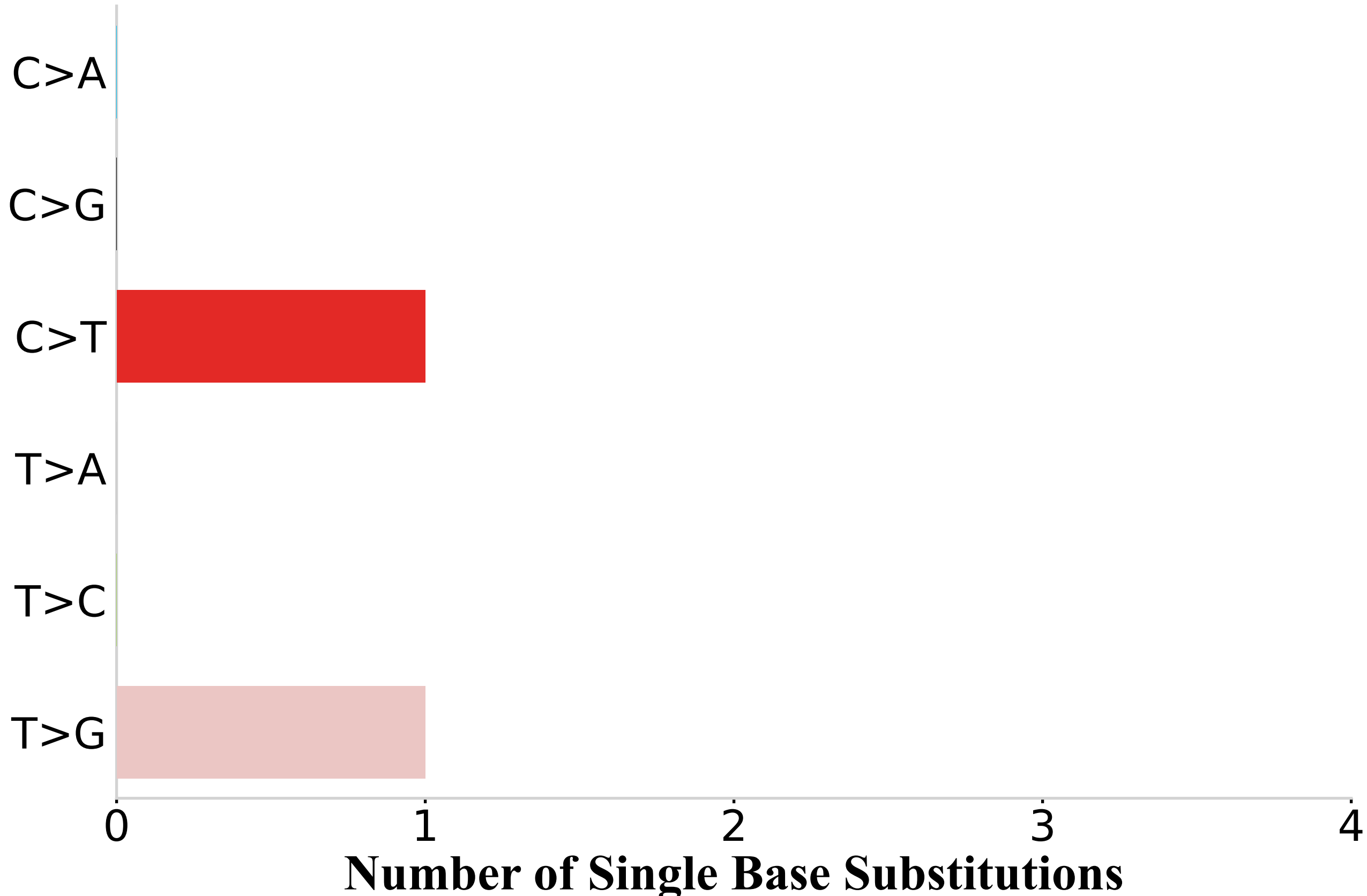
Number of Single Base Substitutions



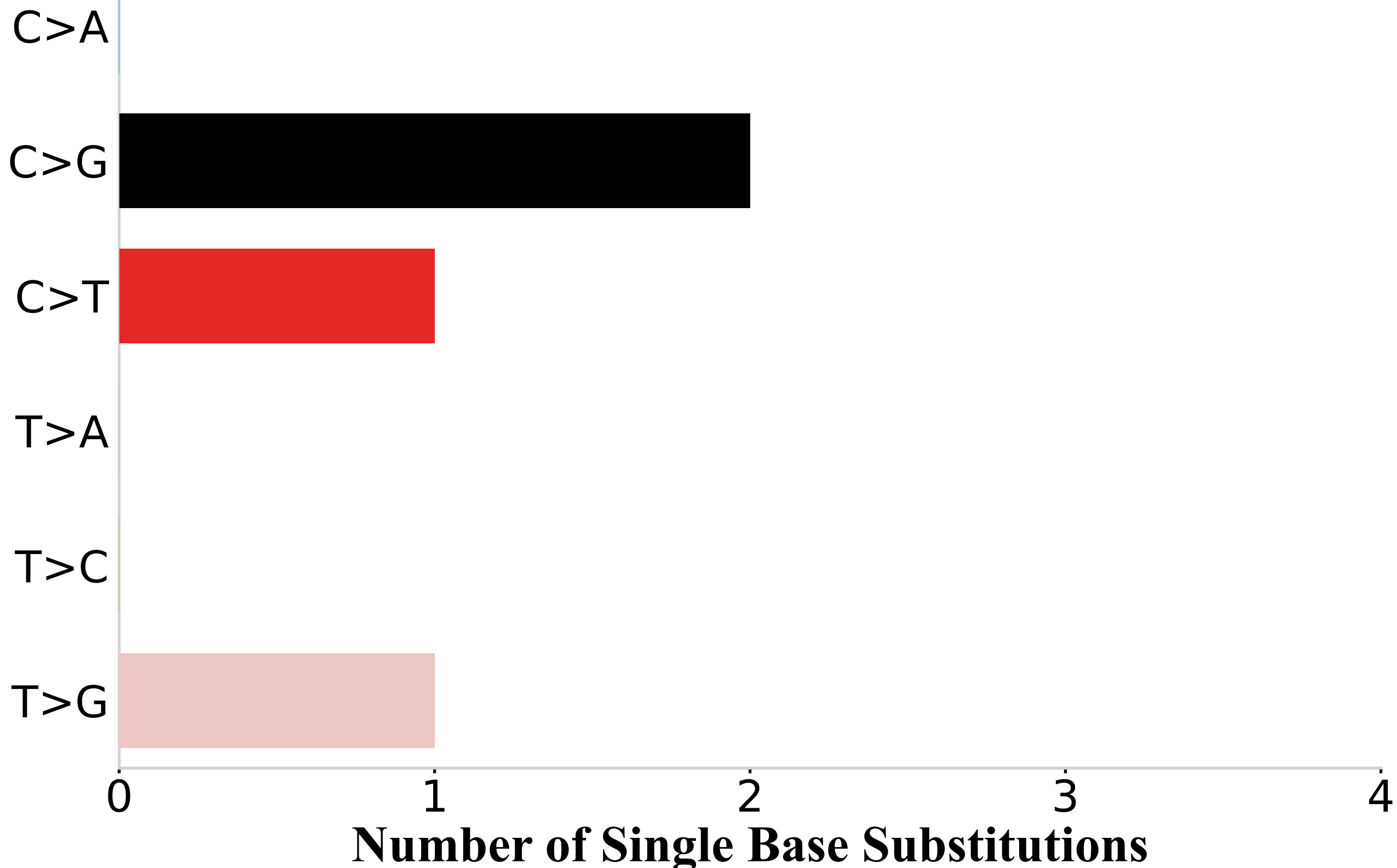
P-0022363-T01-IM6: 4 subs



P-0022451-T01-IM6: 2 subs



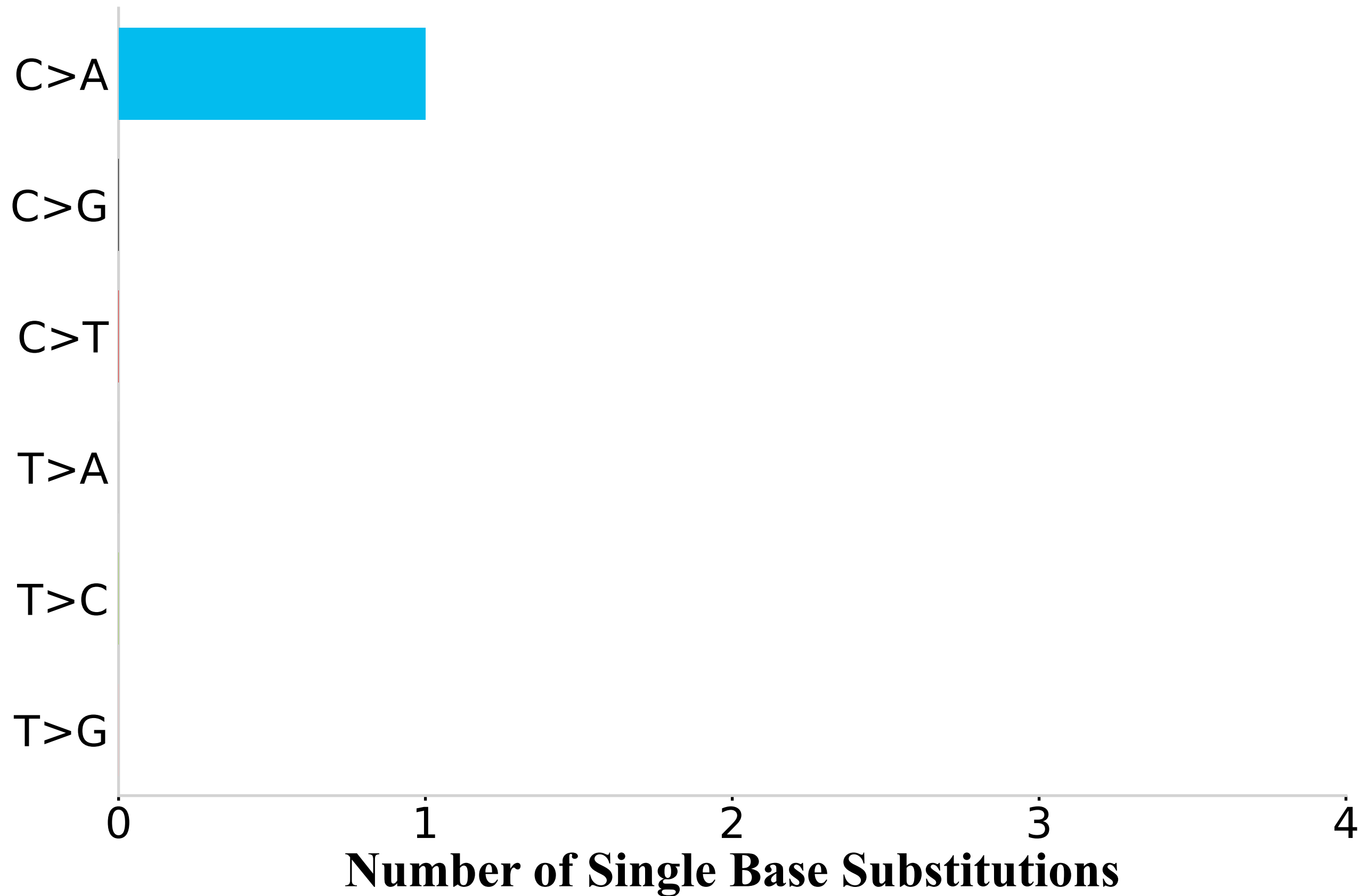
P-0022487-T01-IM6: 4 subs



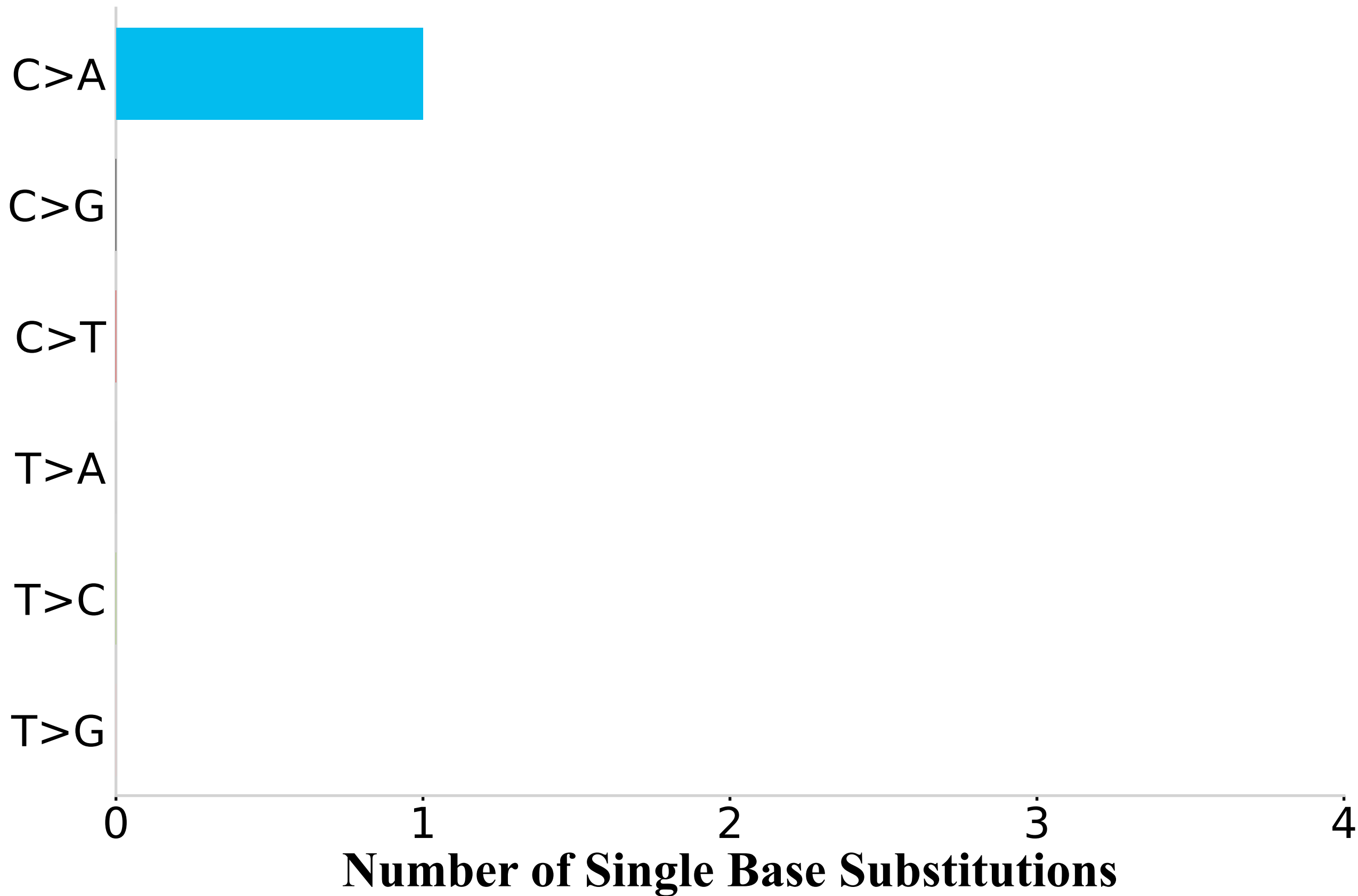
P-0022489-T01-IM6: 1 subs



P-0022613-T01-IM6: 1 subs



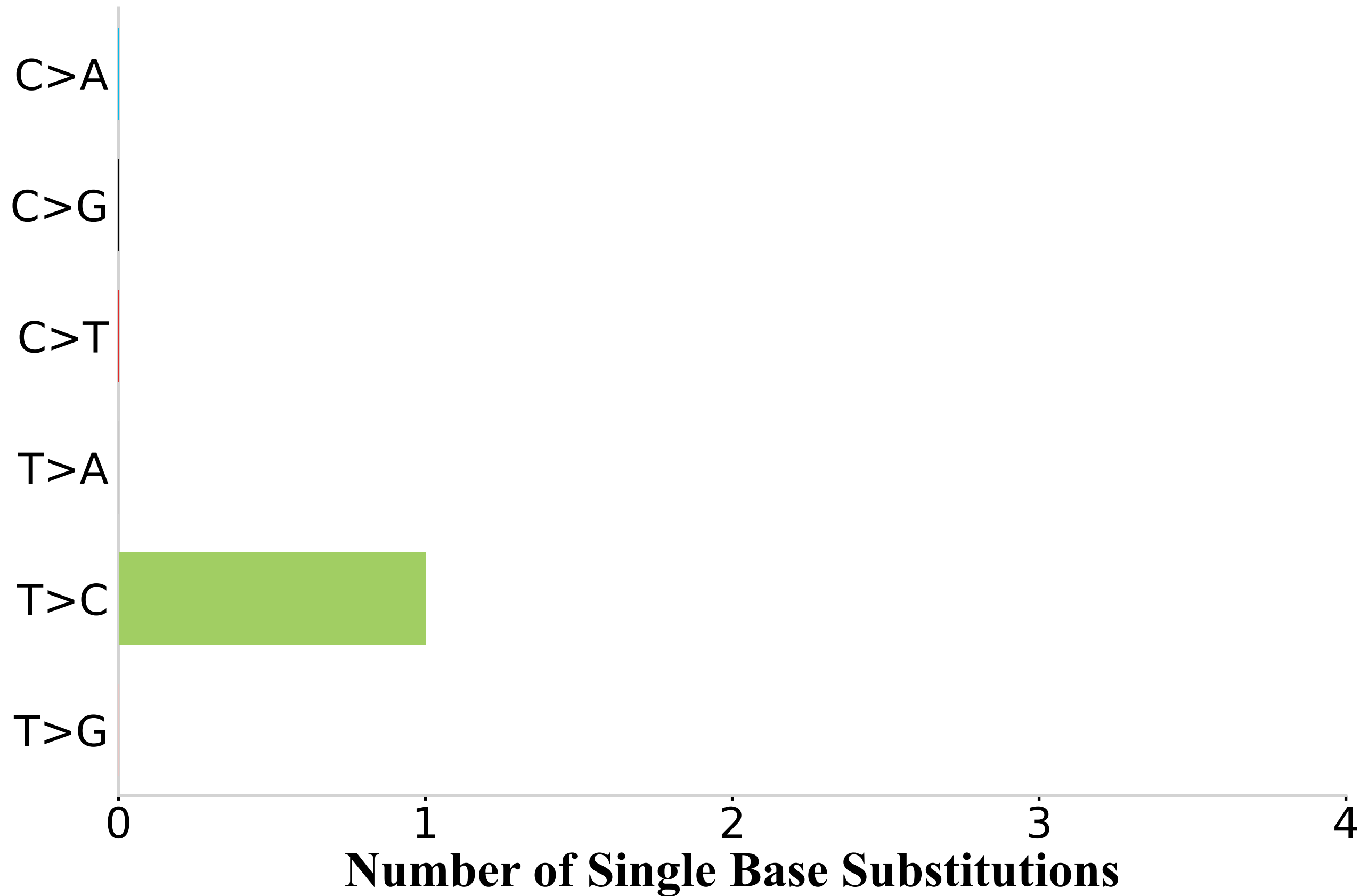
P-0022727-T01-IM6: 1 subs



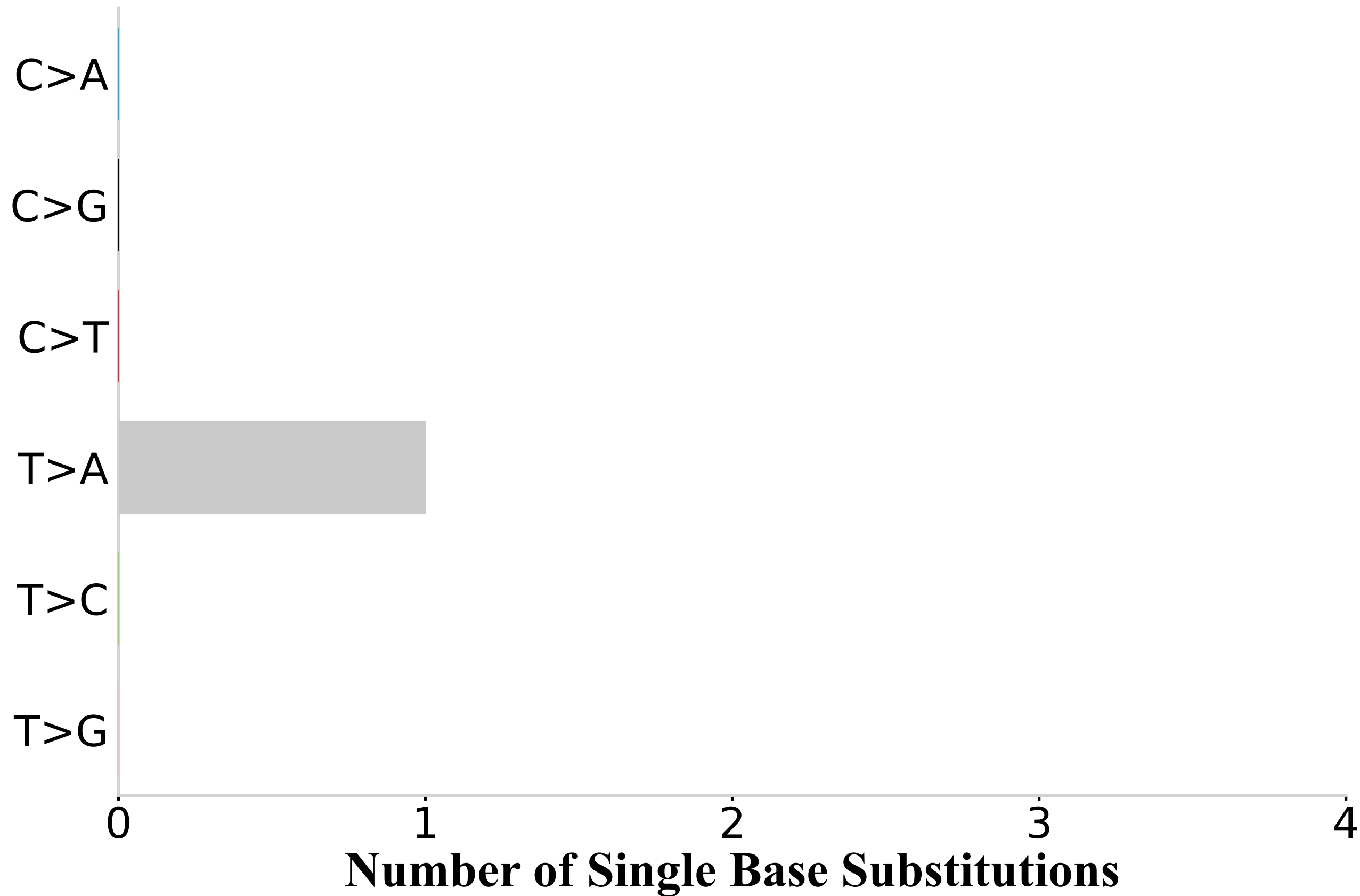
P-0022831-T01-IM6: 1 subs



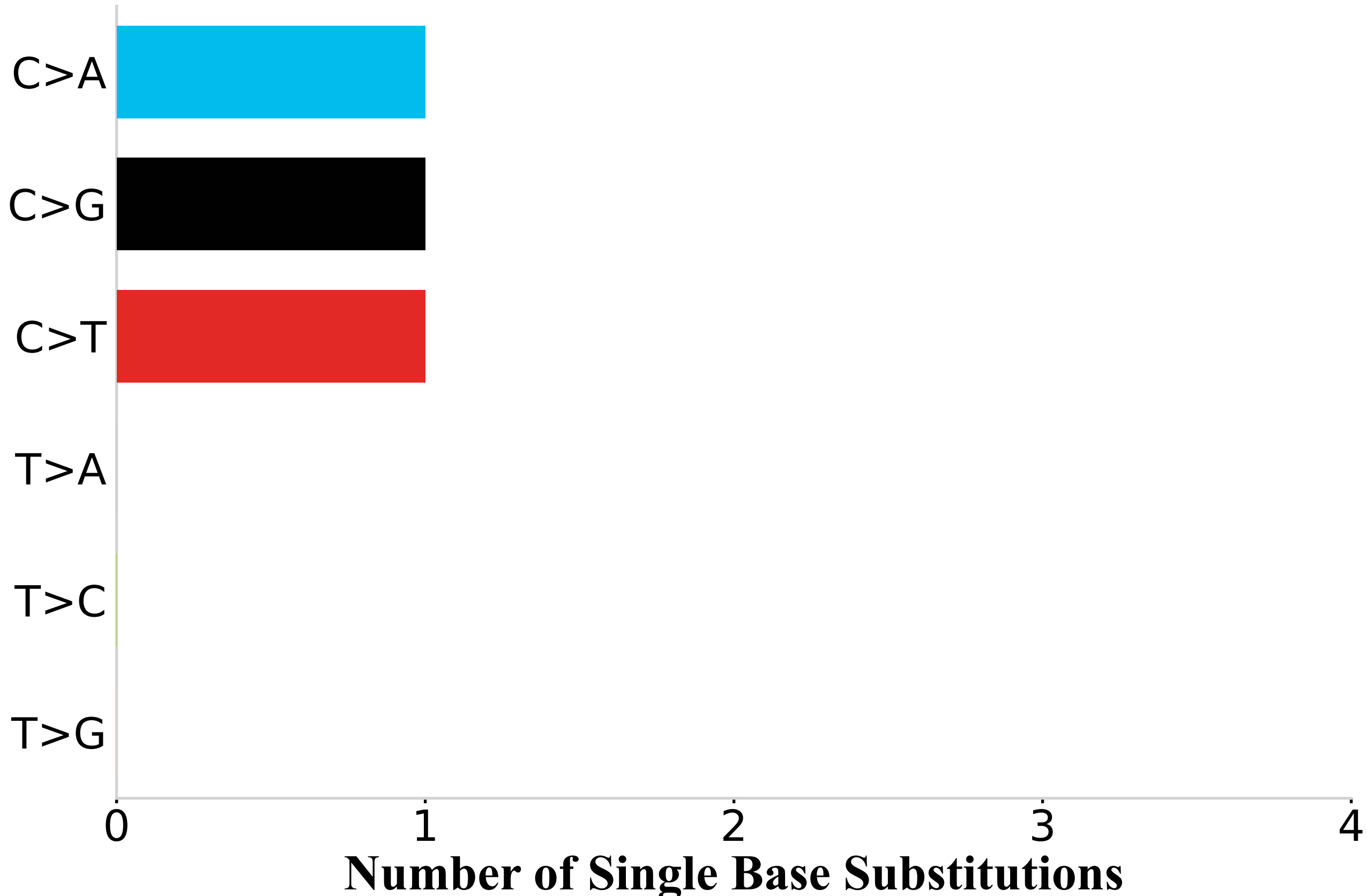
P-0023107-T01-IM6: 1 subs



P-0023175-T01-IM6: 1 subs



P-0023447-T01-IM6: 3 subs



P-0023549-T01-IM6: 0 subs

C>A

C>G

C>T

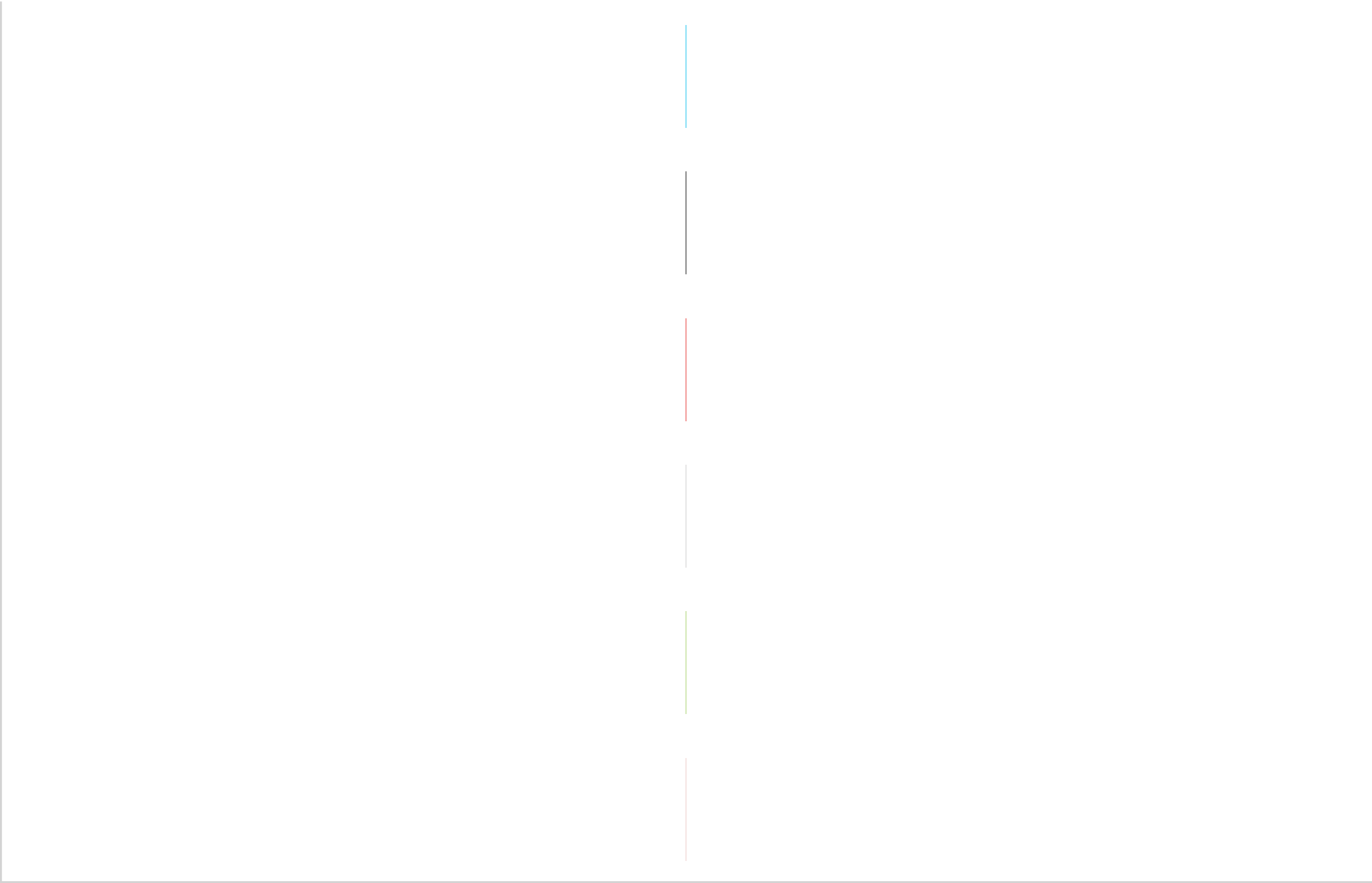
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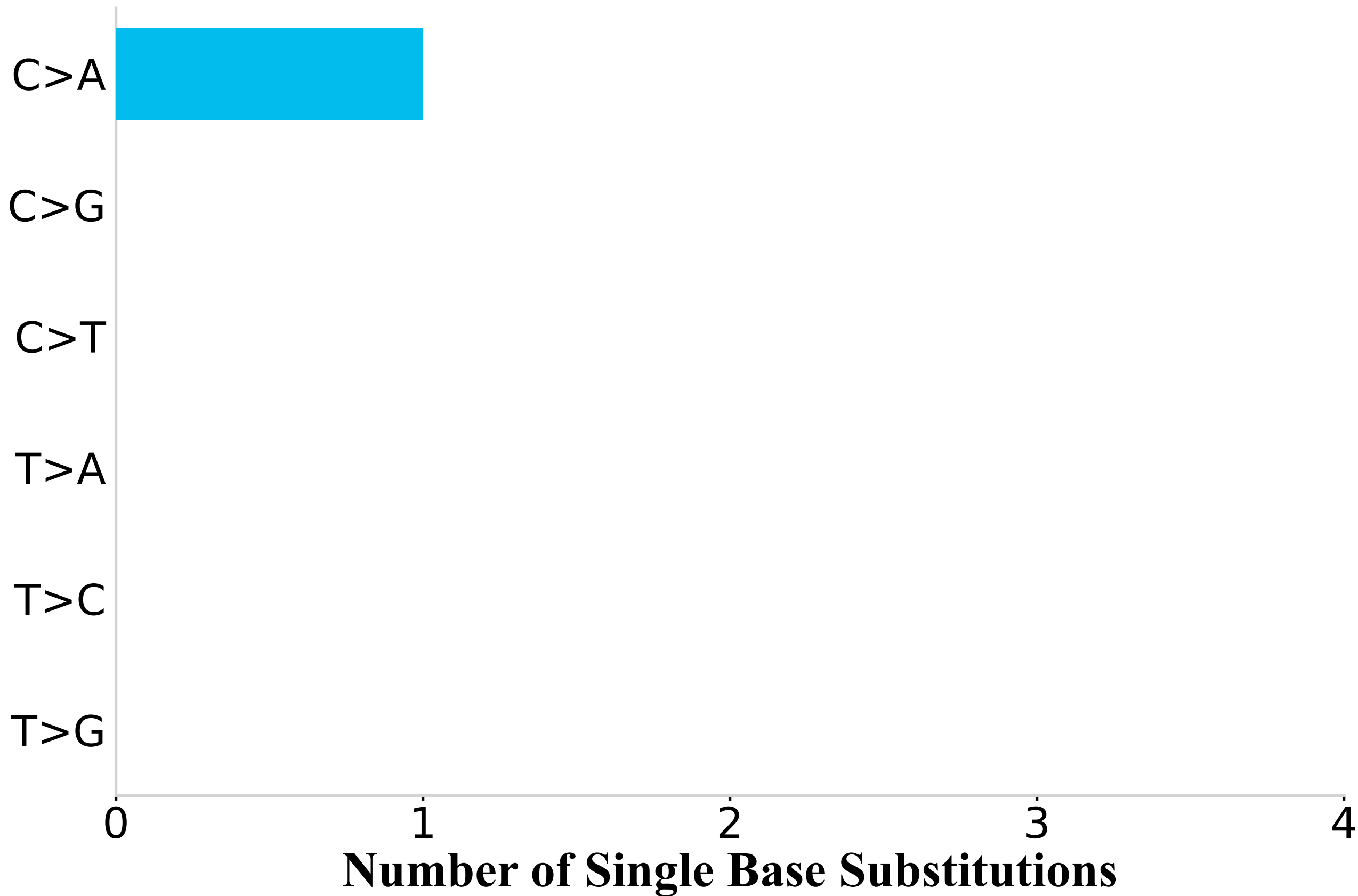
T>G

0

Number of Single Base Substitutions



P-0024129-T01-IM6: 1 subs



P-0024288-T01-IM6: 1 subs



P-0024348-T01-IM6: 0 subs

C>A

C>G

C>T

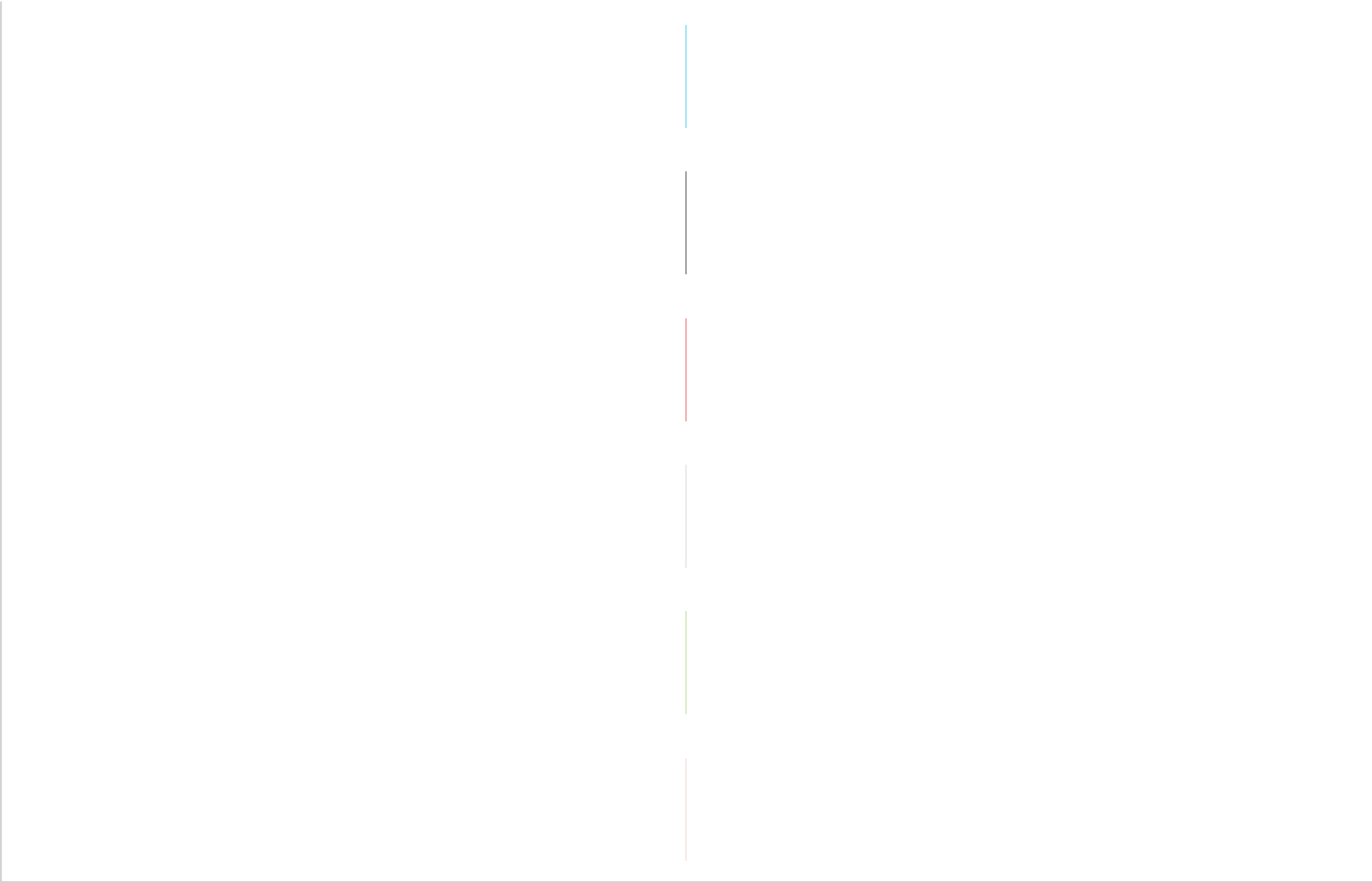
T>A

T>C

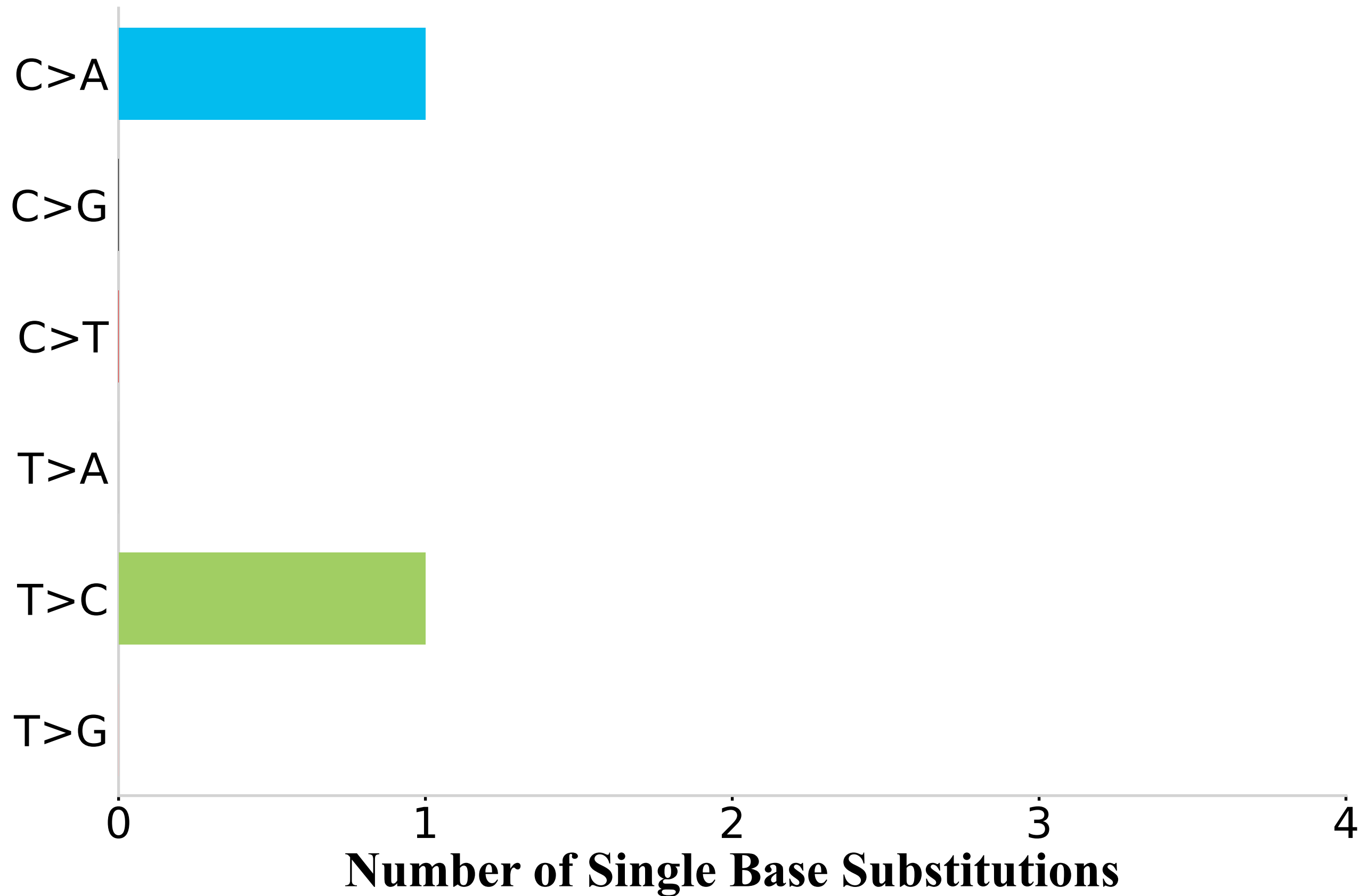
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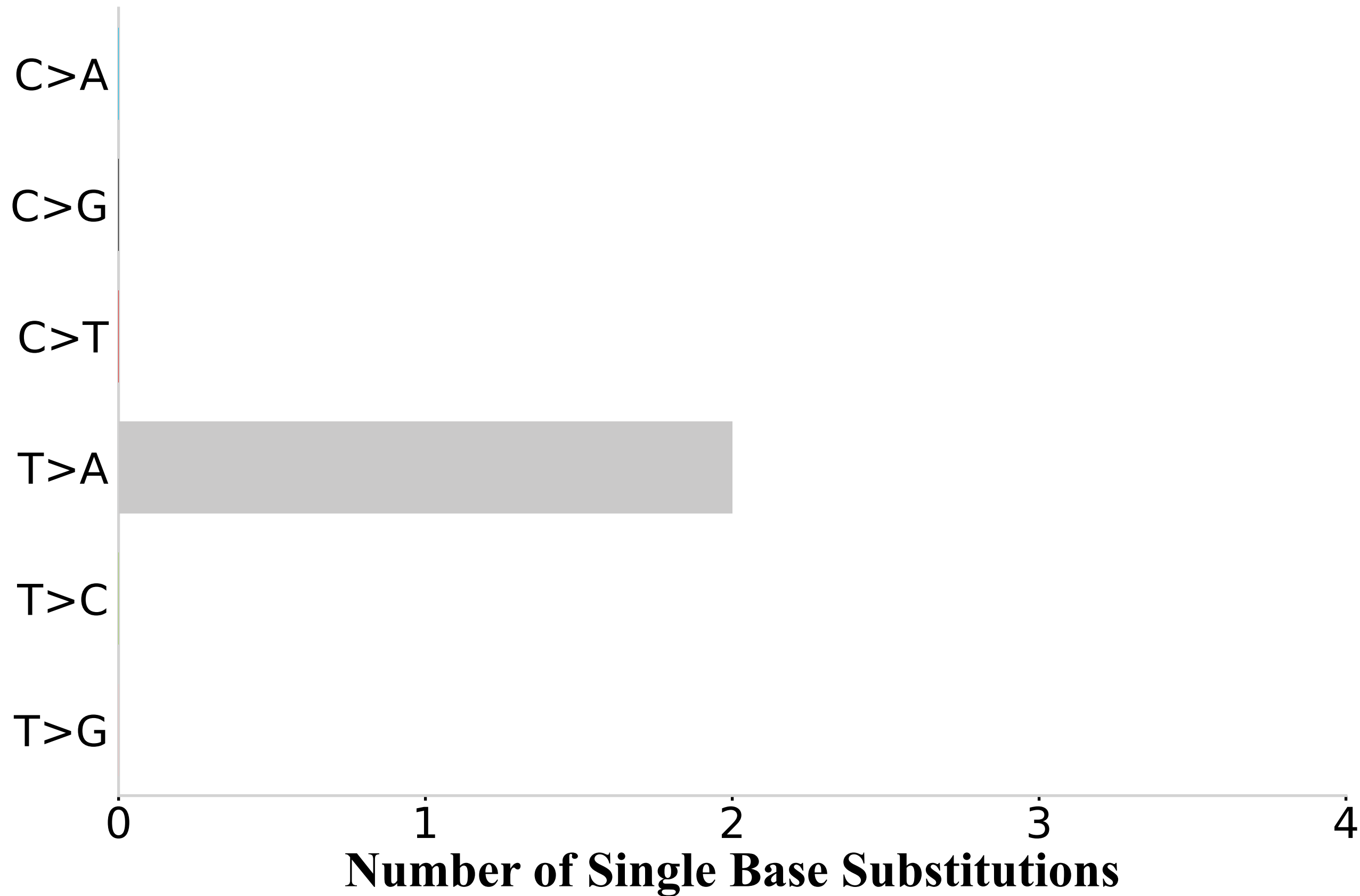
Number of Single Base Substitutions



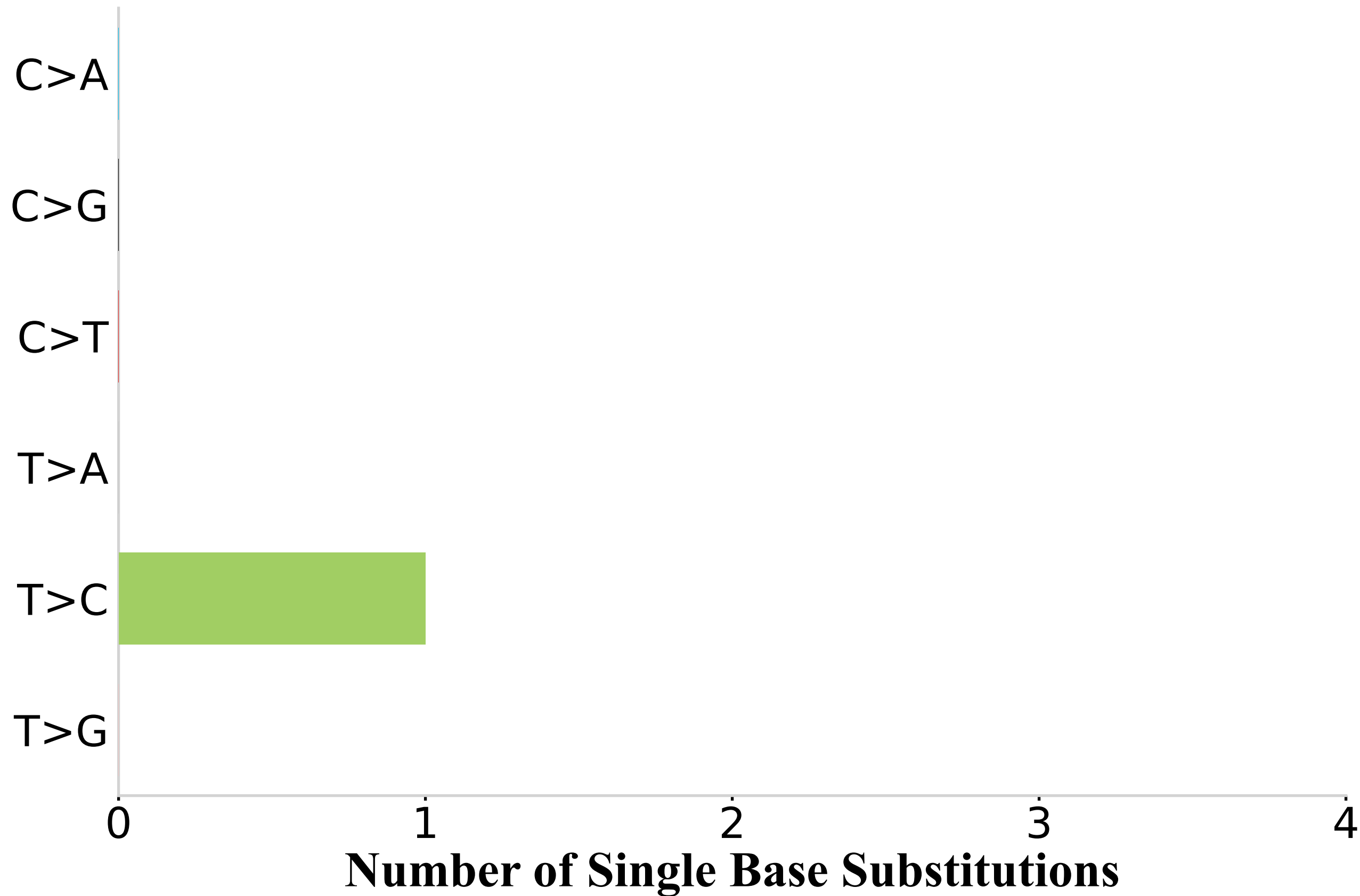
P-0024398-T01-IM6: 2 subs



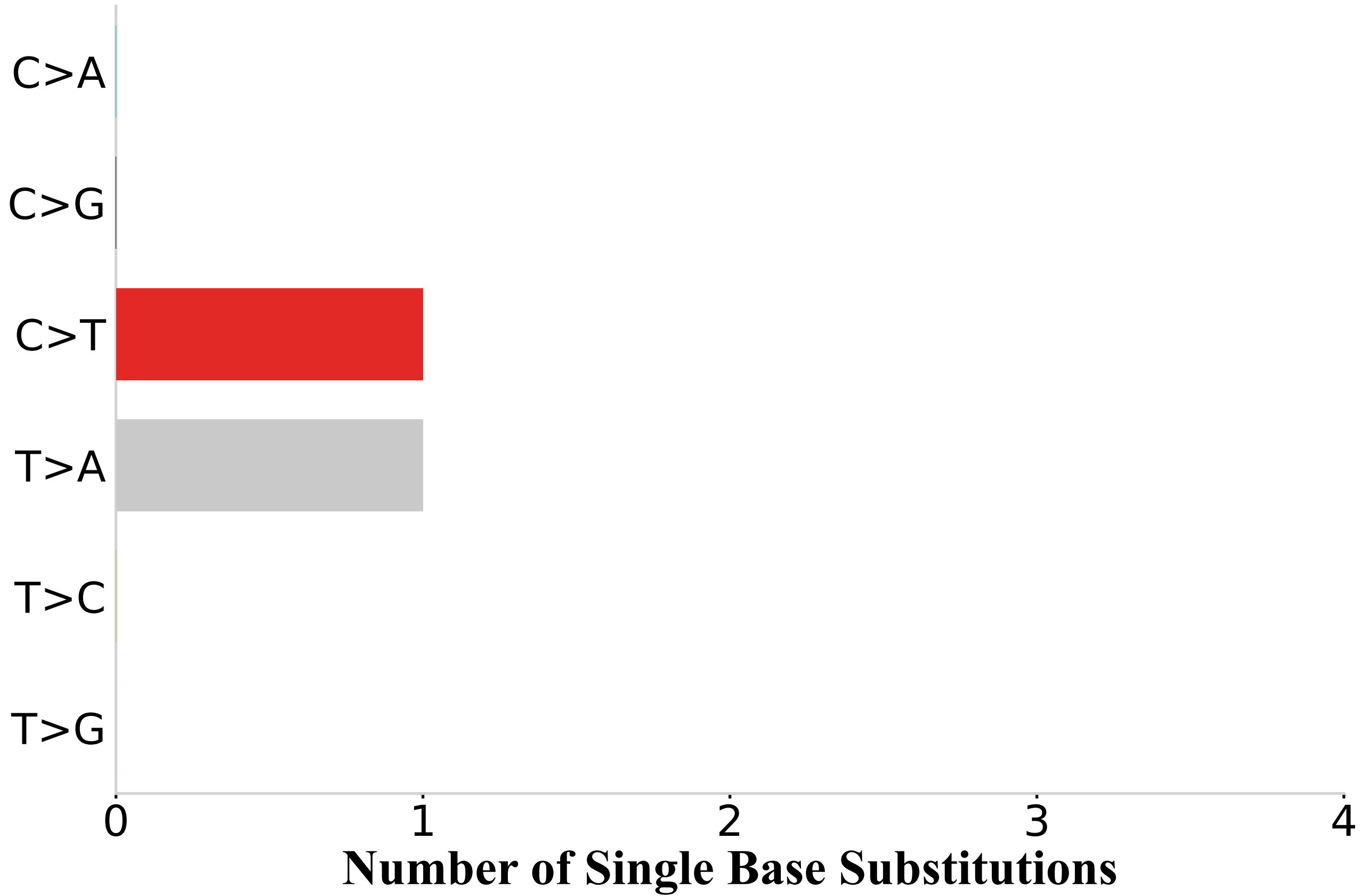
P-0024492-T01-IM6: 2 subs



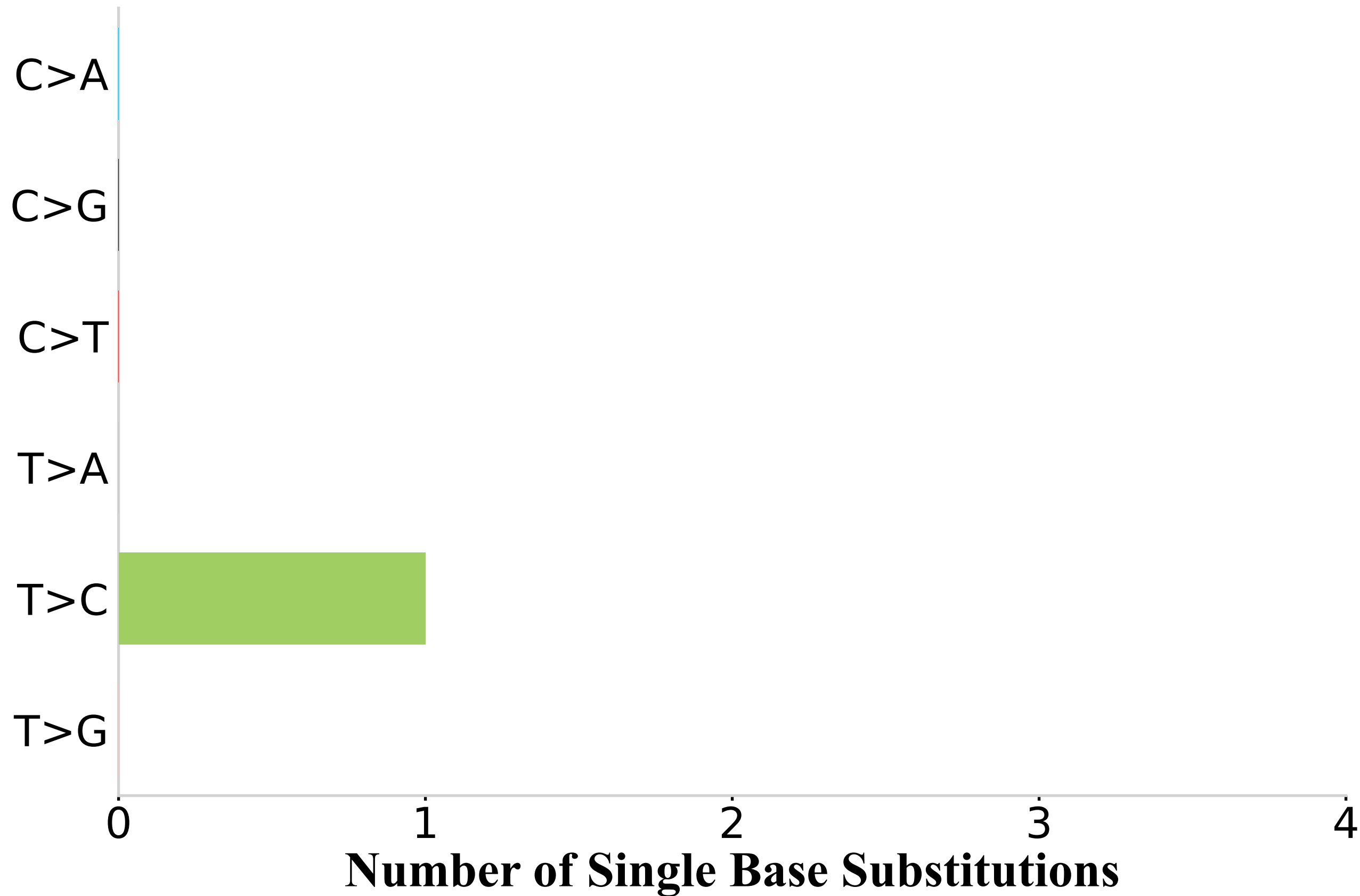
P-0024888-T01-IM6: 1 subs



P-0024904-T01-IM6: 2 subs



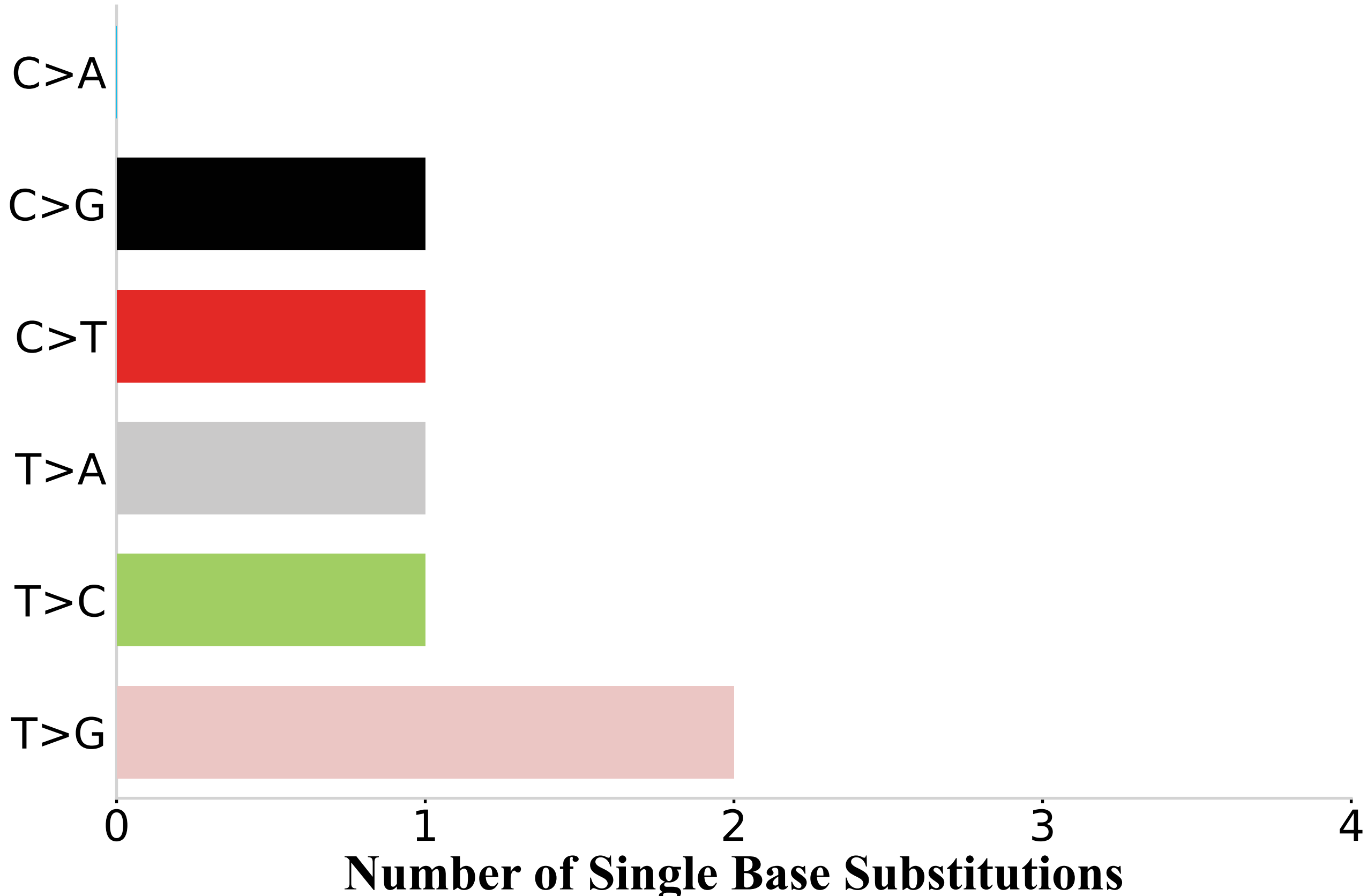
P-0024909-T01-IM6: 1 subs



P-0025143-T01-IM6: 1 subs



P-0025286-T01-IM6: 6 subs



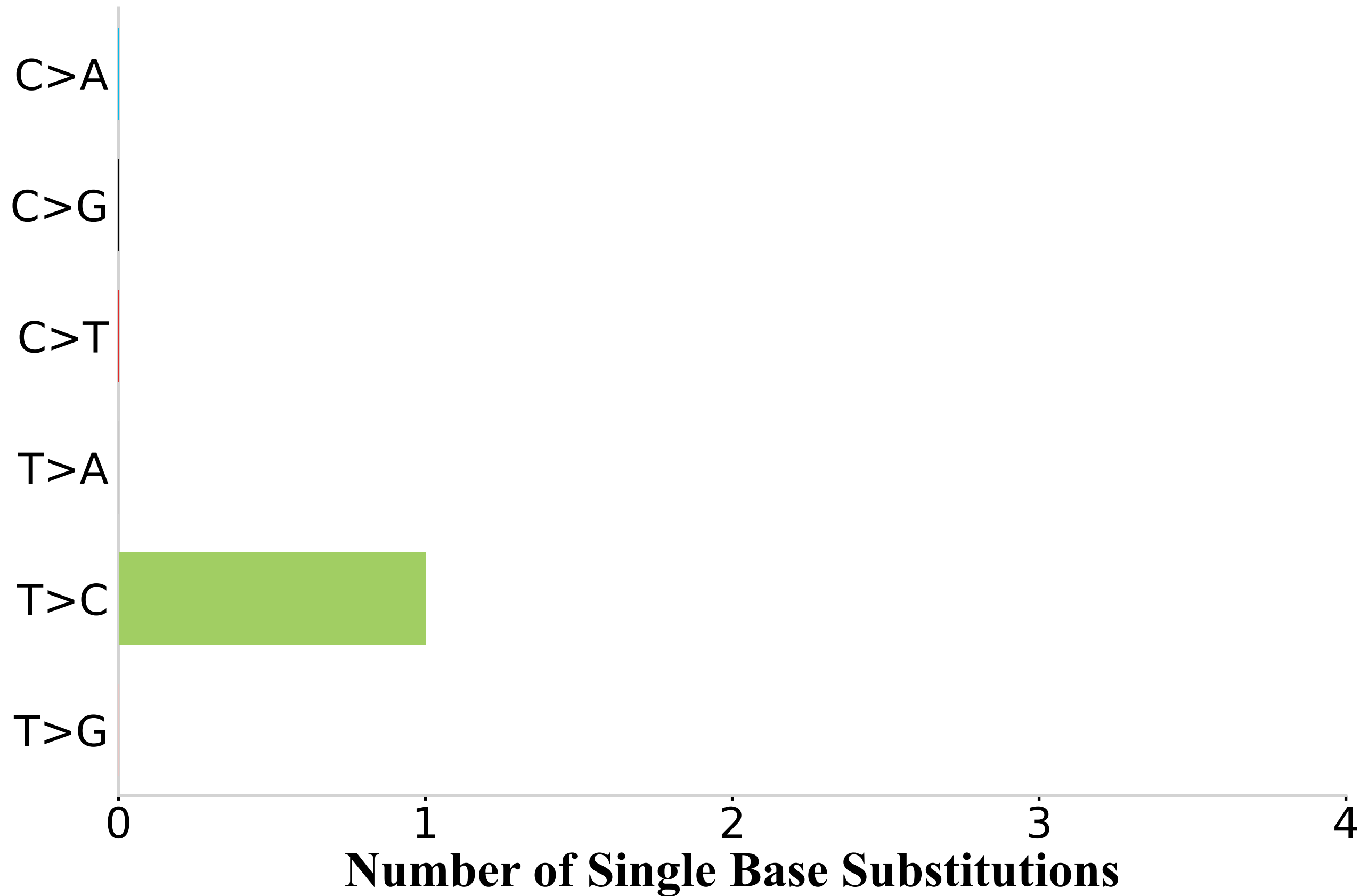
P-0025602-T01-IM6: 1 subs



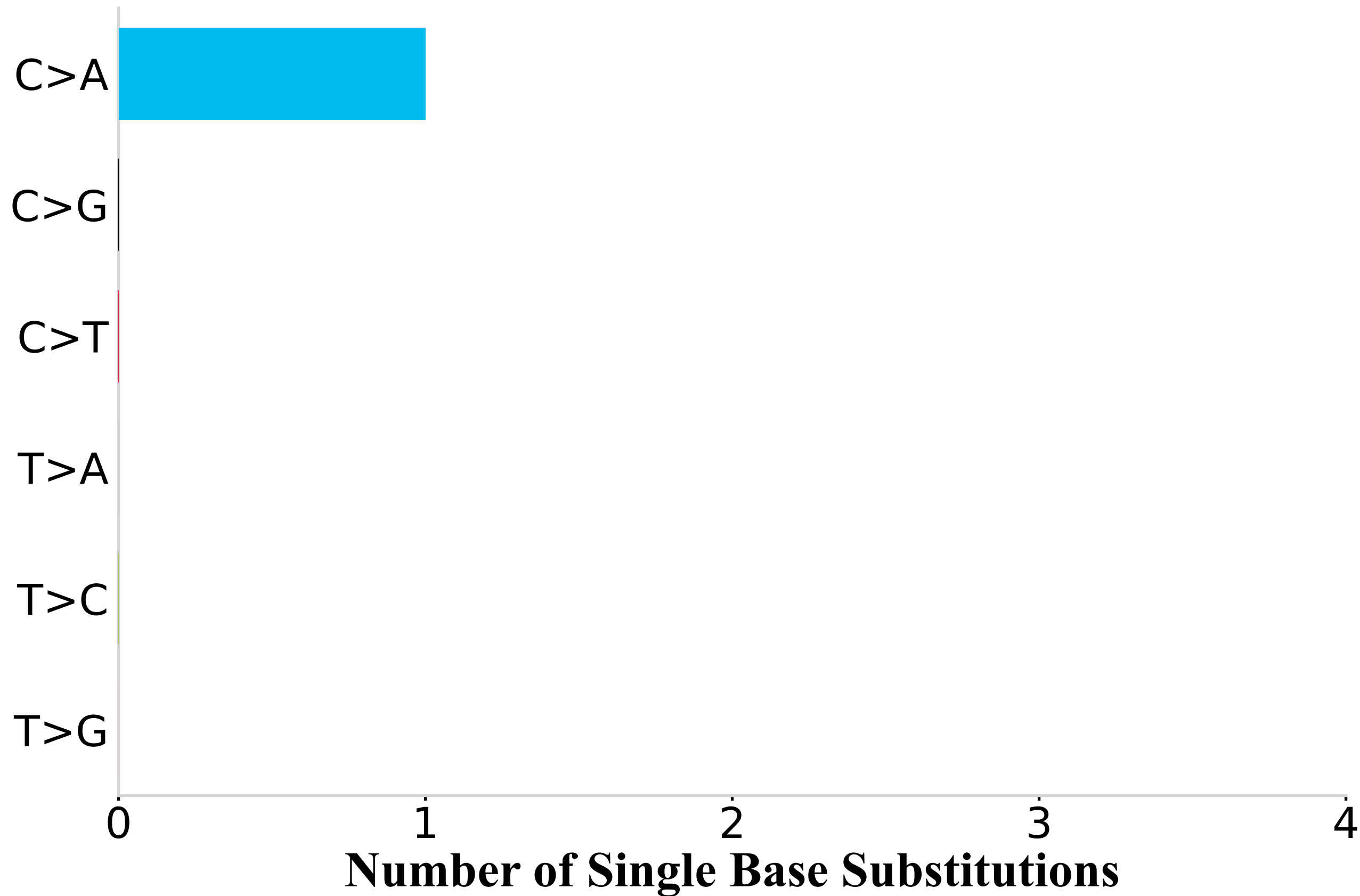
P-0025633-T01-IM6: 1 subs



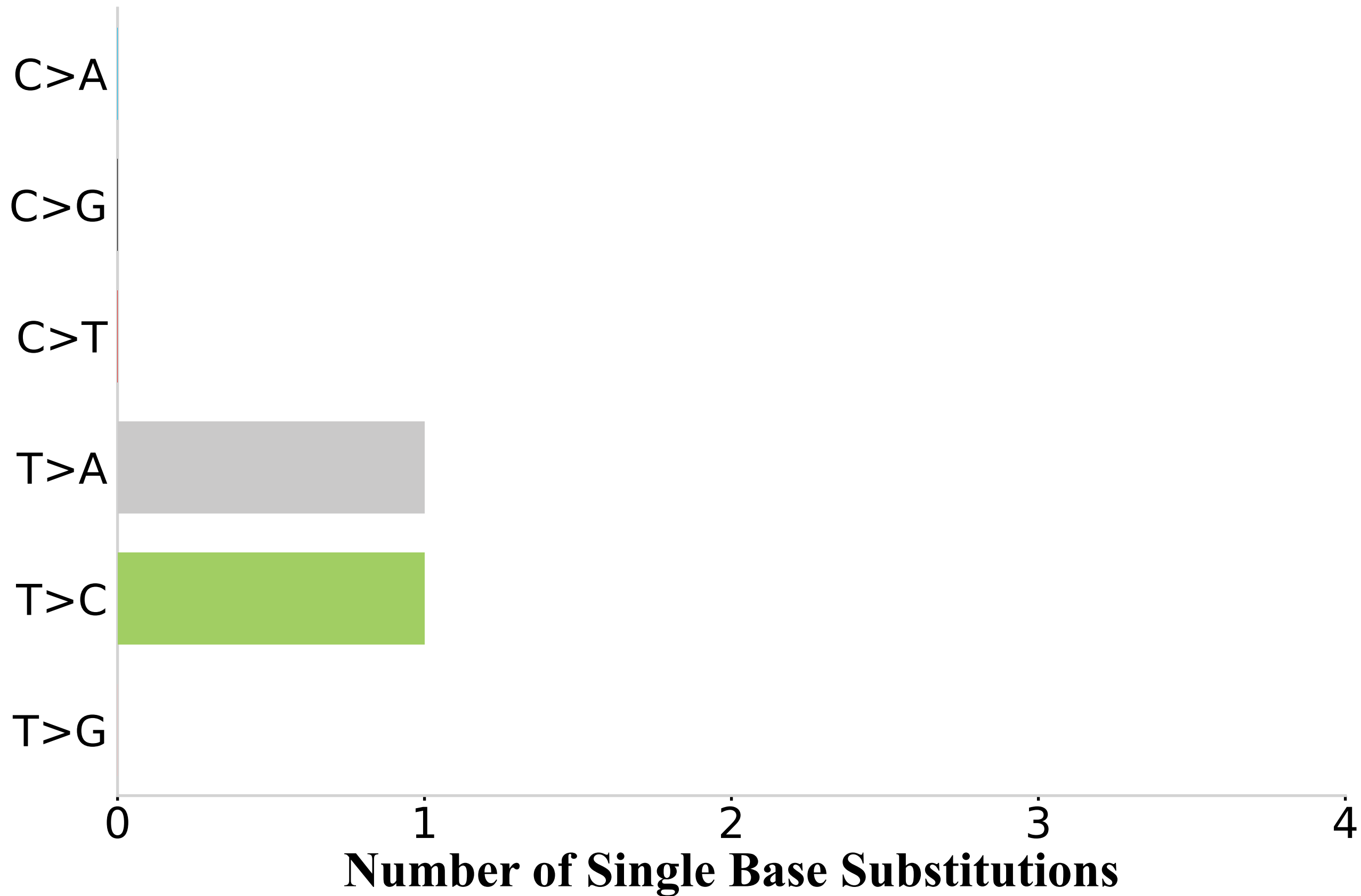
P-0025653-T01-IM6: 1 subs



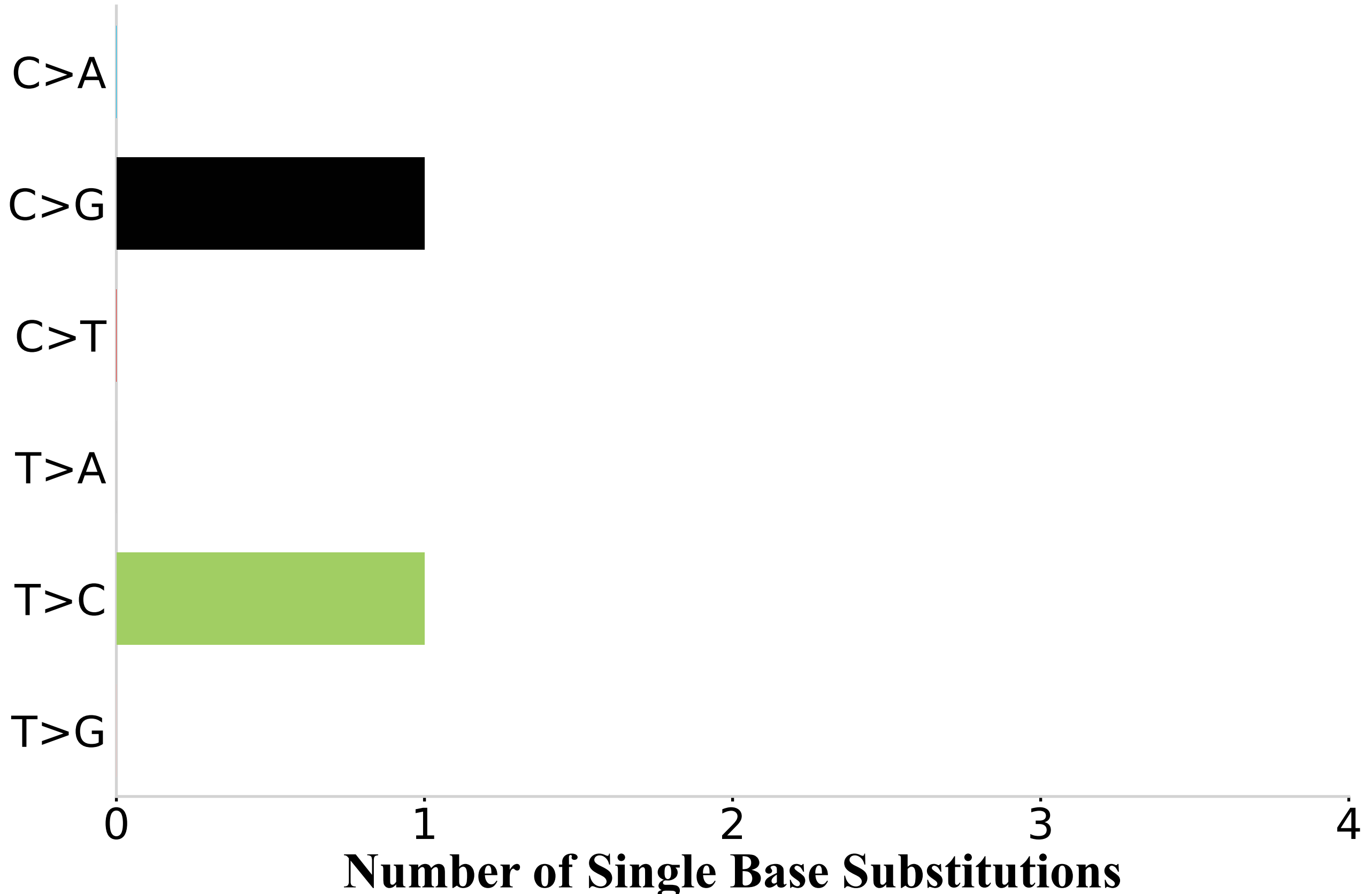
P-0025754-T01-IM6: 1 subs



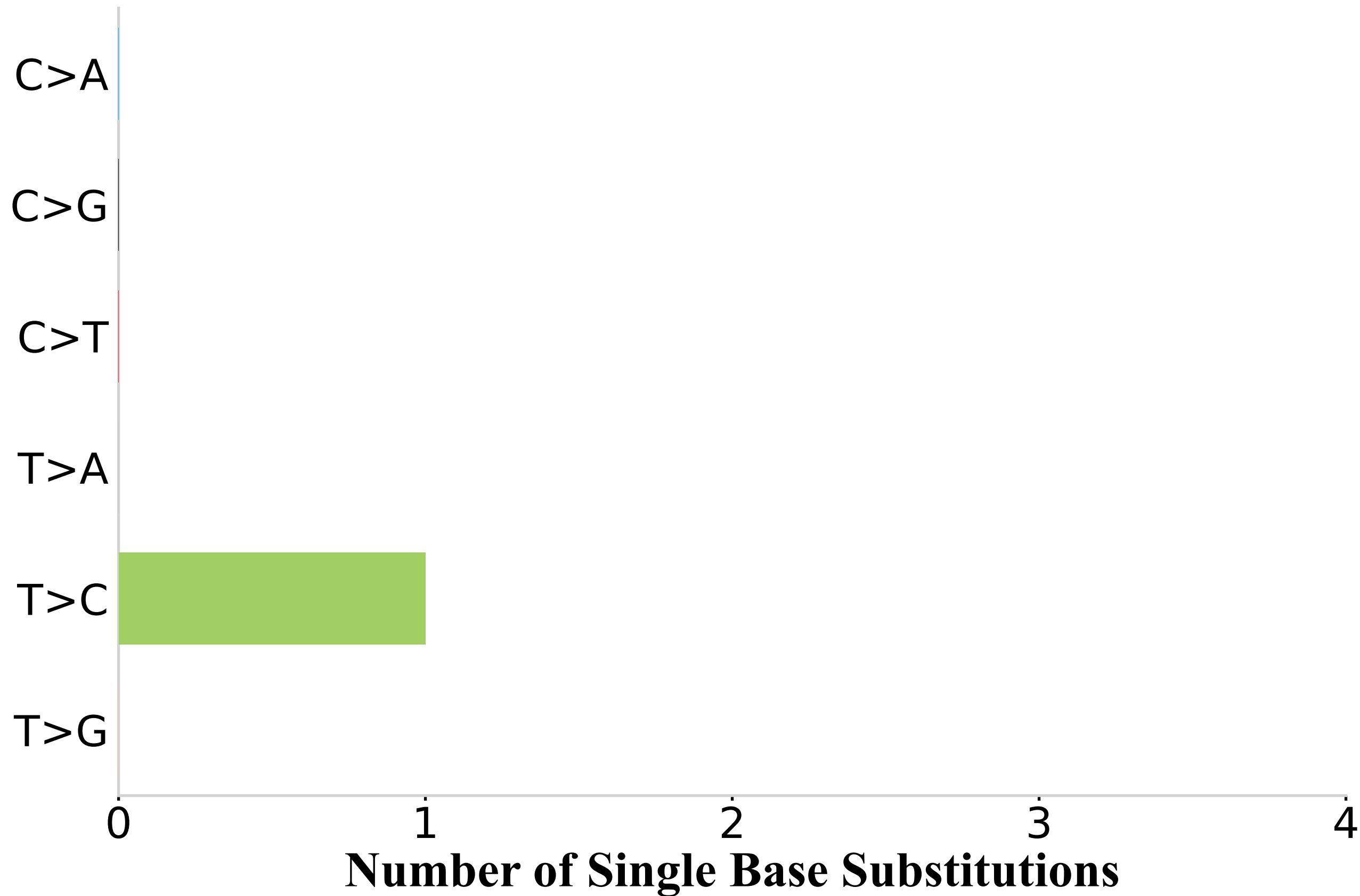
P-0025934-T01-IM6: 2 subs



P-0025989-T02-IM6: 2 subs



P-0026071-T01-IM6: 1 subs



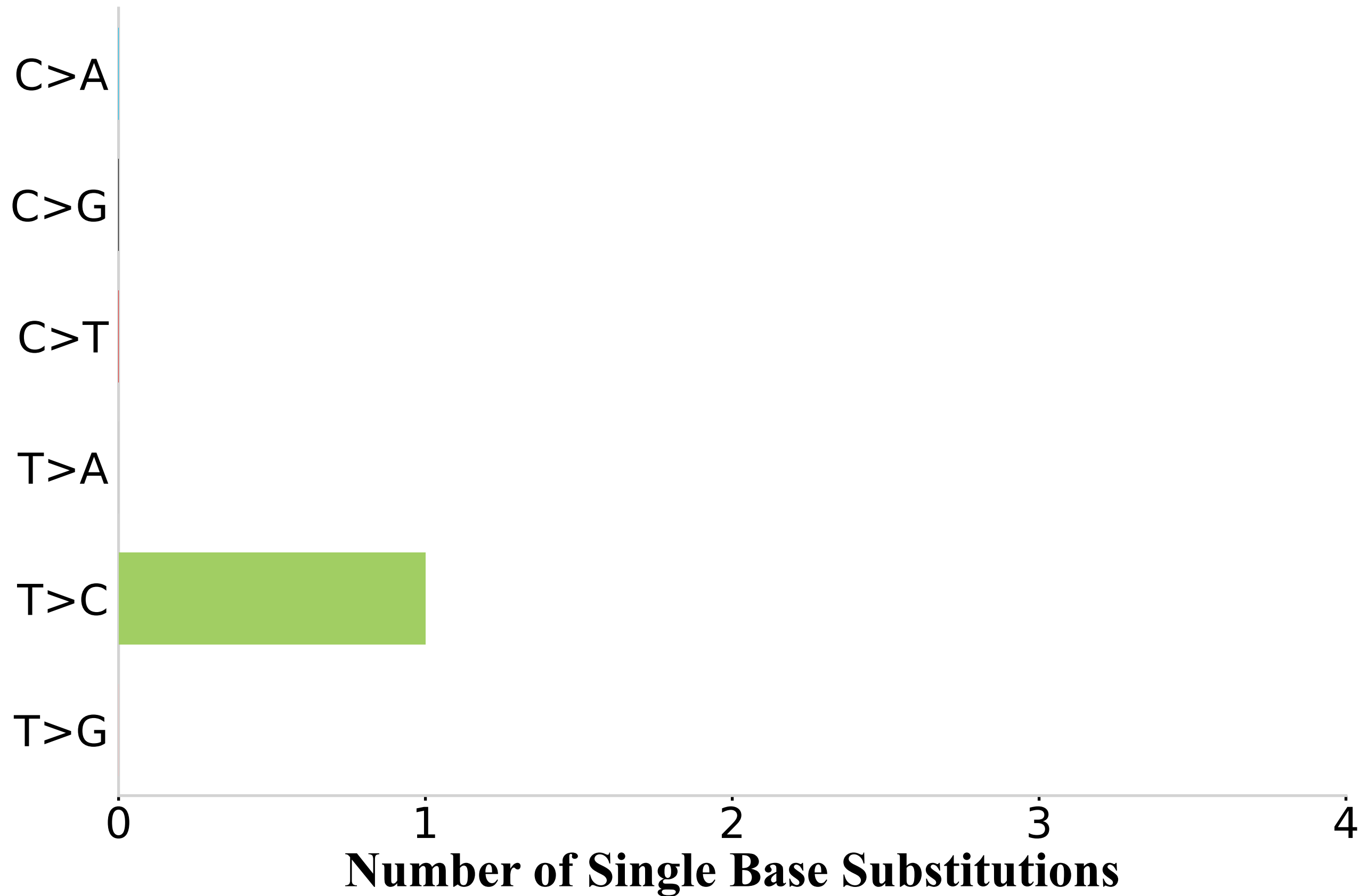
P-0026110-T01-IM6: 0 subs

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

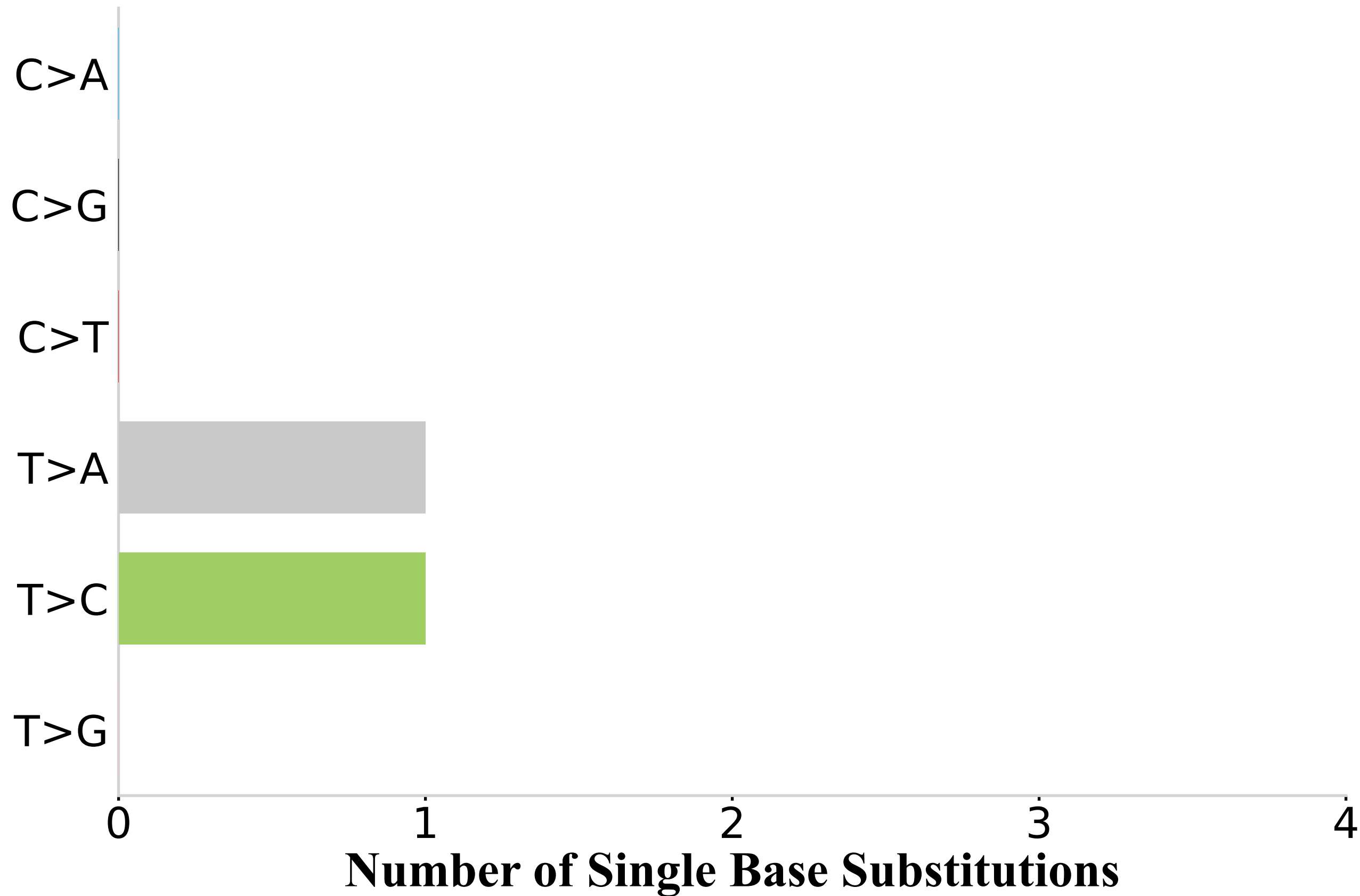


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Number of Single Base Substitutions

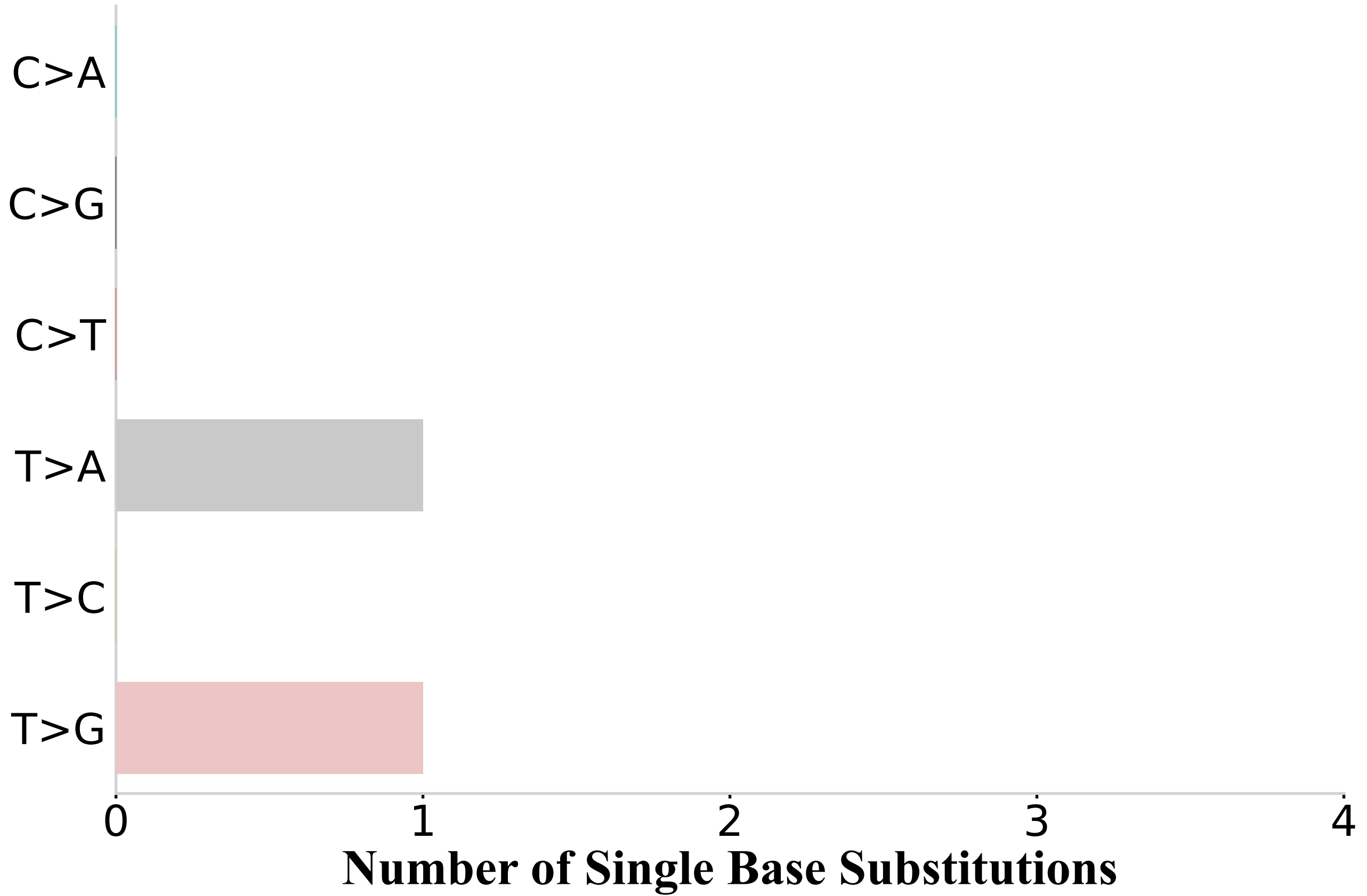
P-0026167-T01-IM6: 1 subs



P-0026214-T01-IM6: 2 subs



P-0026260-T01-IM6: 2 subs



P-0026287-T01-IM6: 0 subs

C>A

C>G

C>T

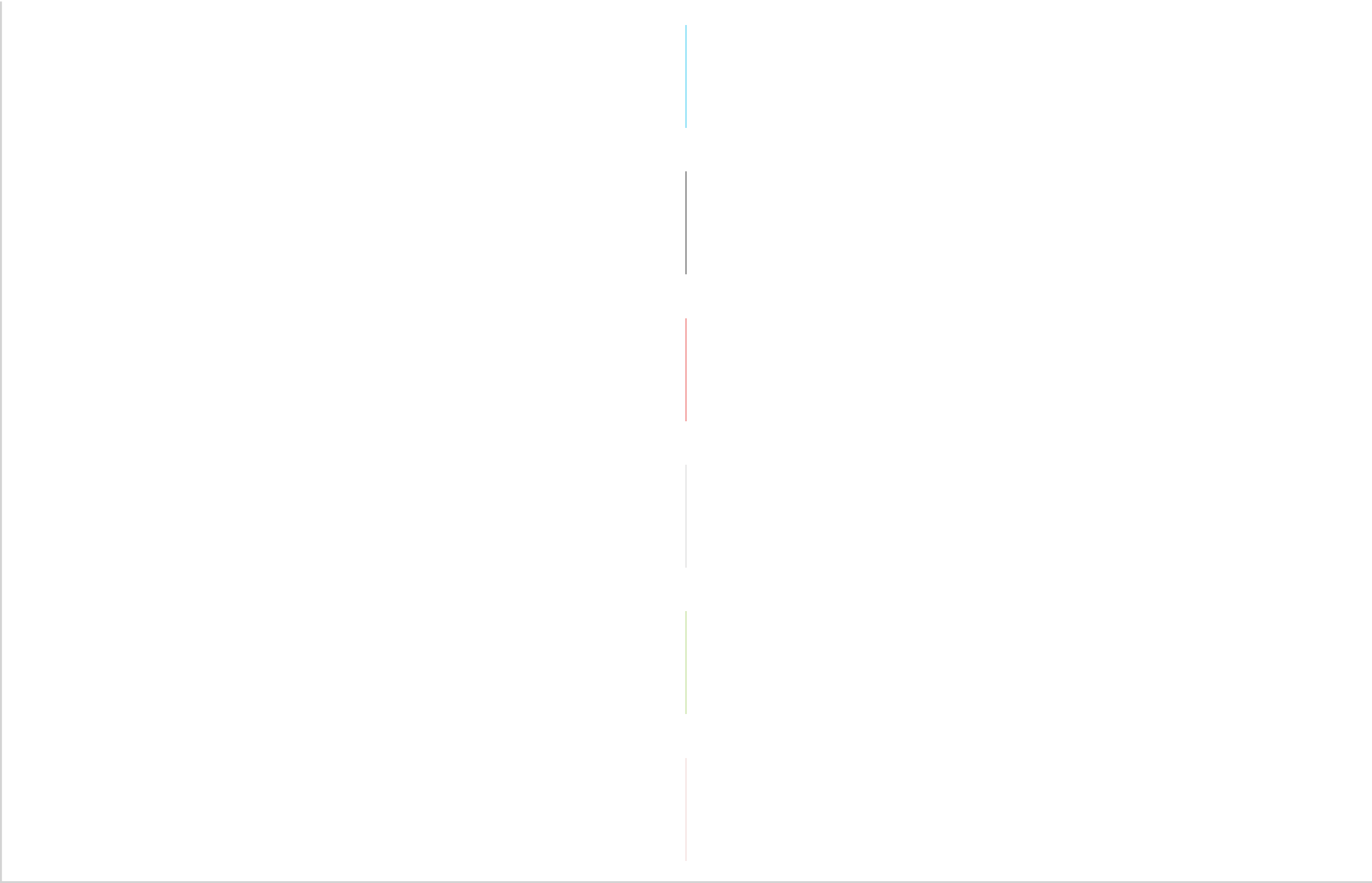
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T>C

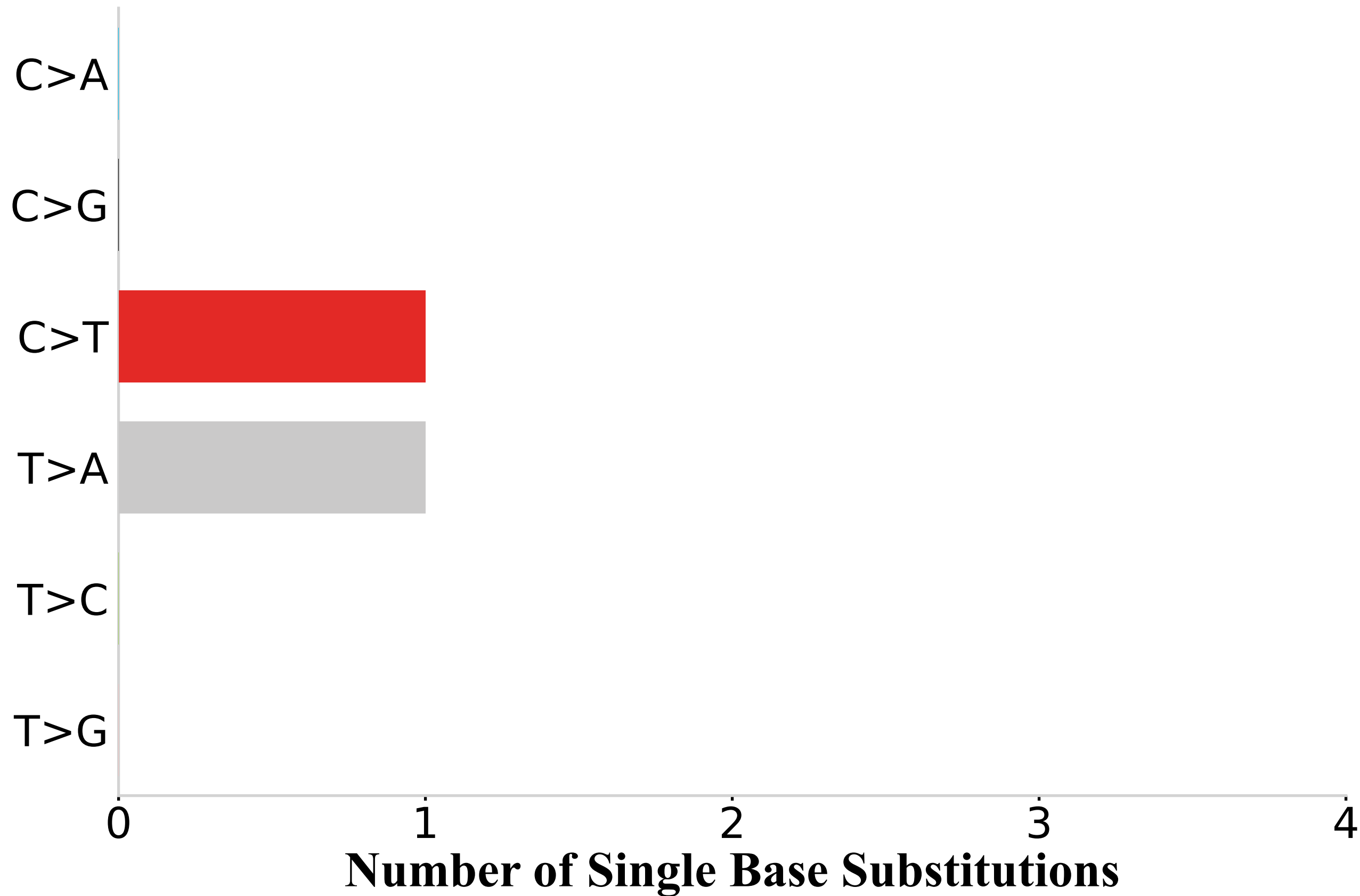
T>G

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Number of Single Base Substitutions



P-0026329-T01-IM6: 2 subs



P-0026342-T01-IM6: 0 subs

C>A

C>G

C>T

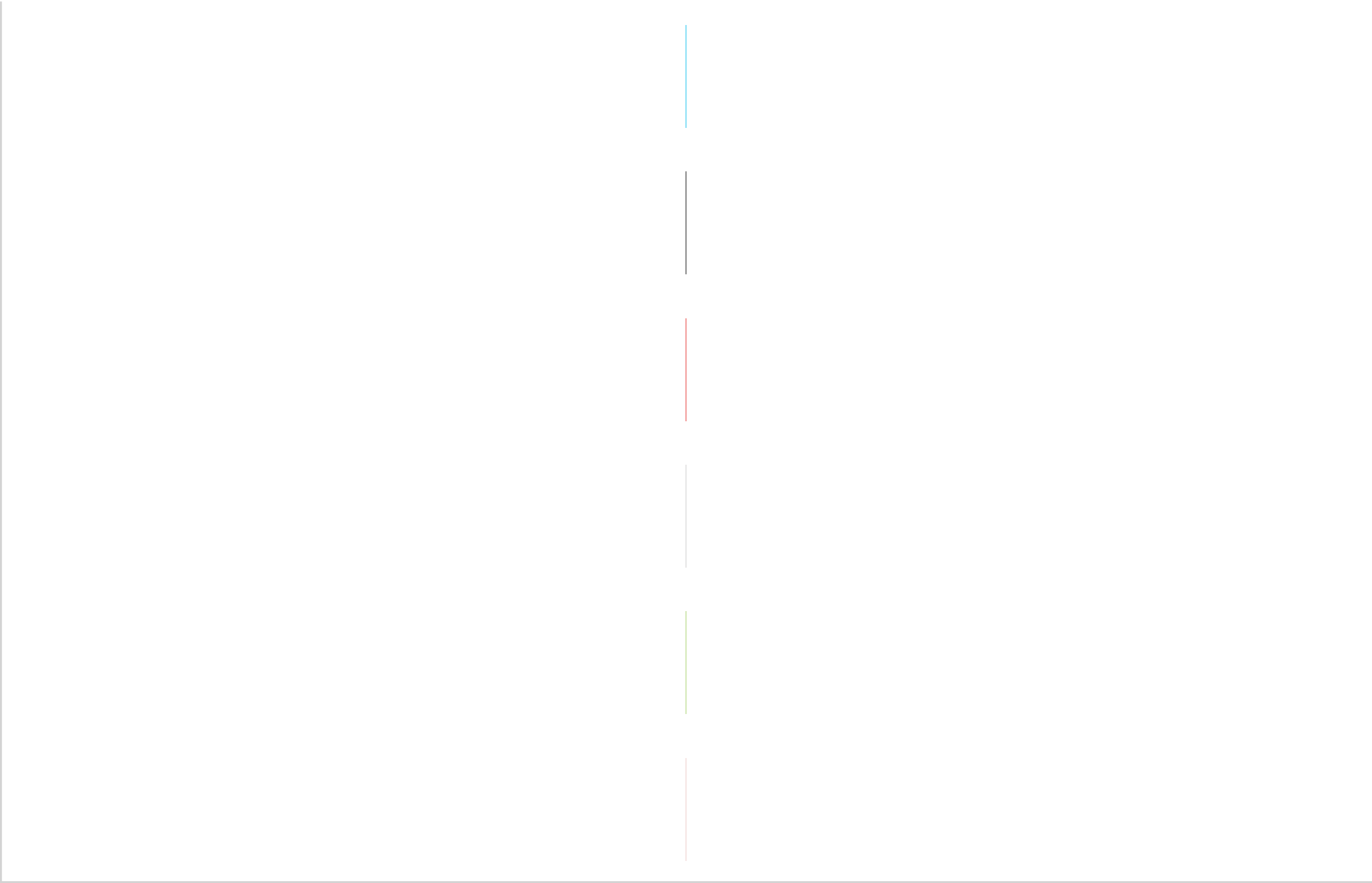
T>A

T>C

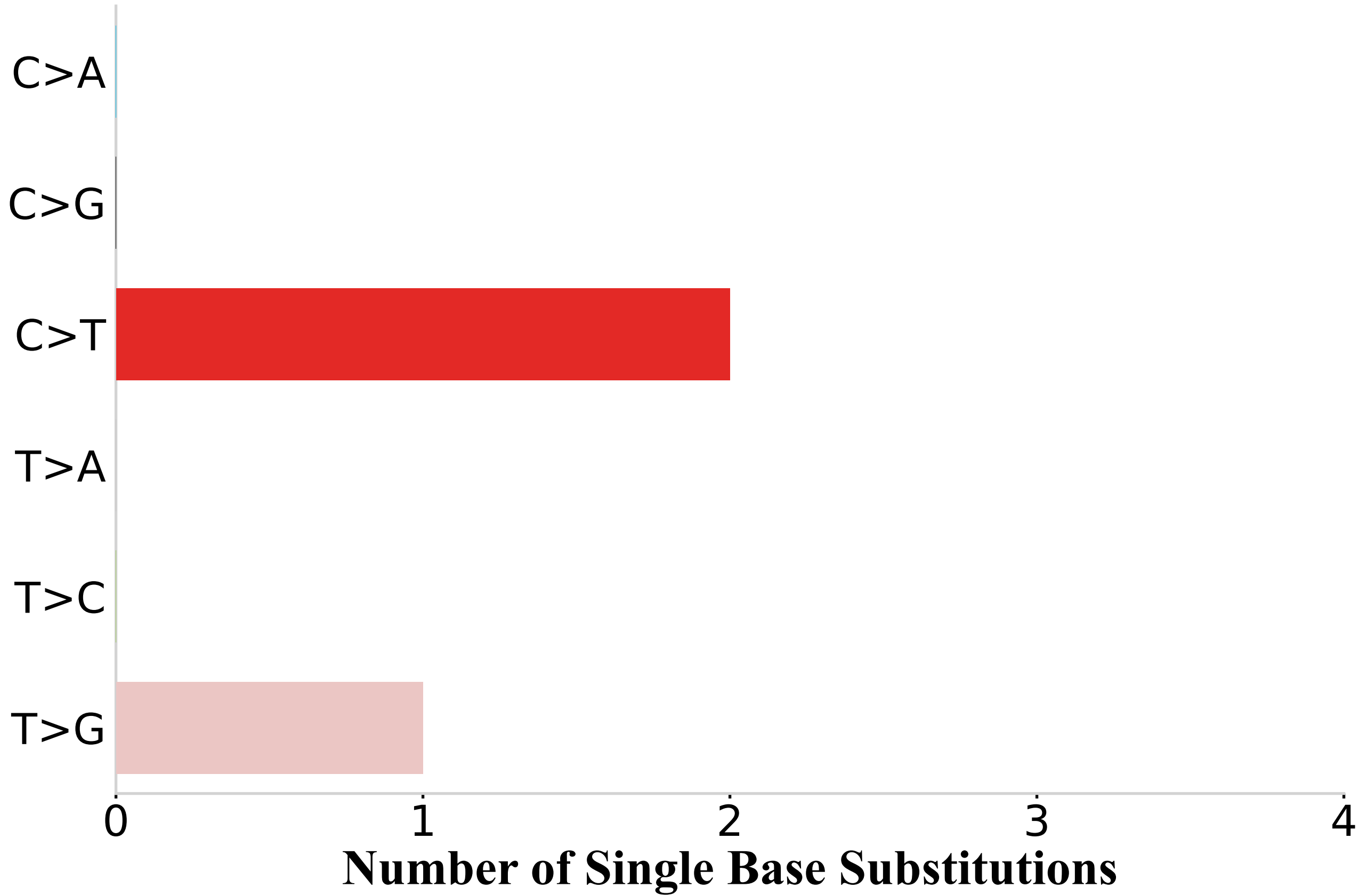
T>G

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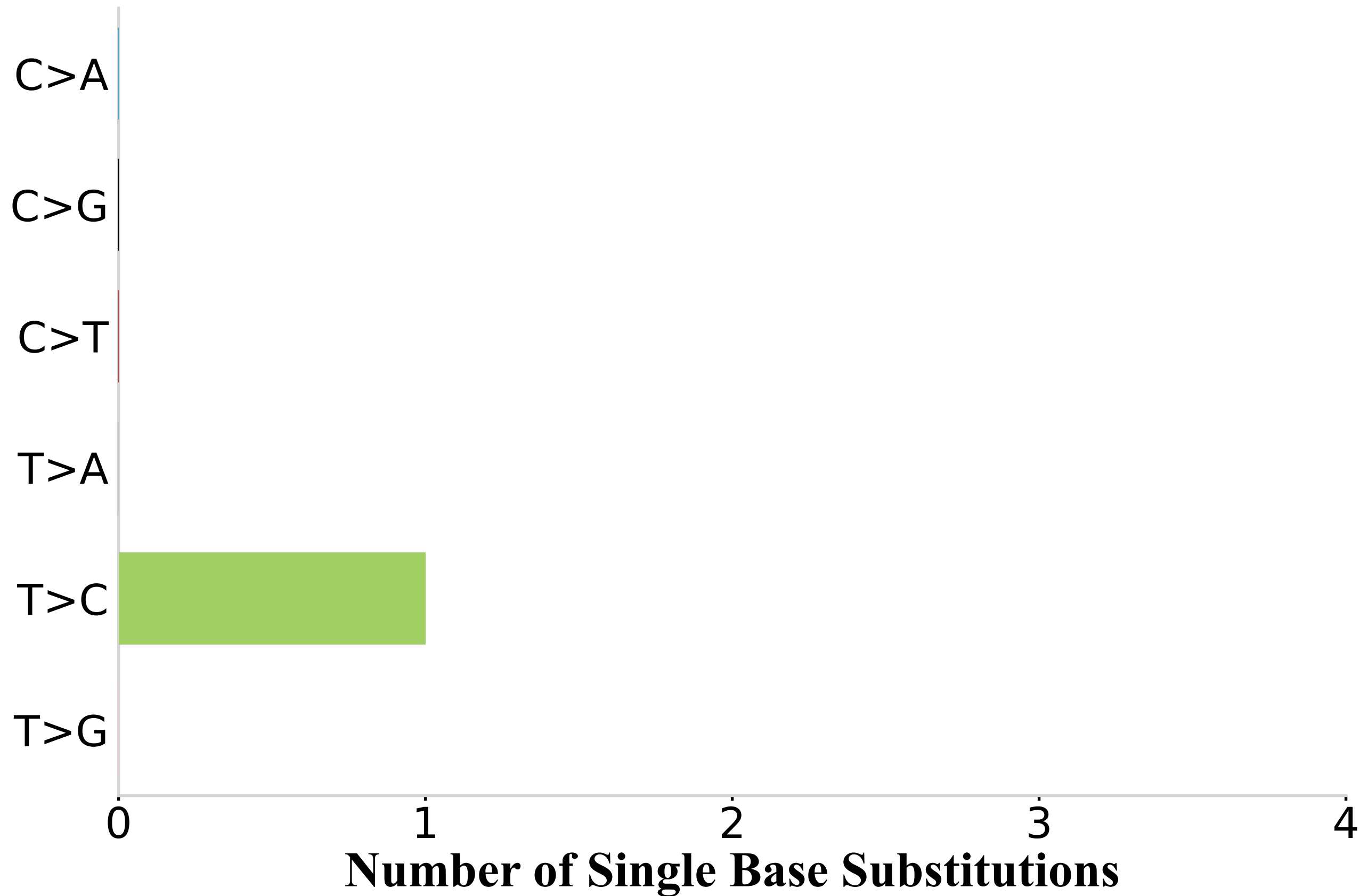
Number of Single Base Substitutions



P-0026343-T01-IM6: 3 subs



P-0026349-T01-IM6: 1 subs



P-0026664-T02-IM6: 0 subs

C>A

C>G

C>T

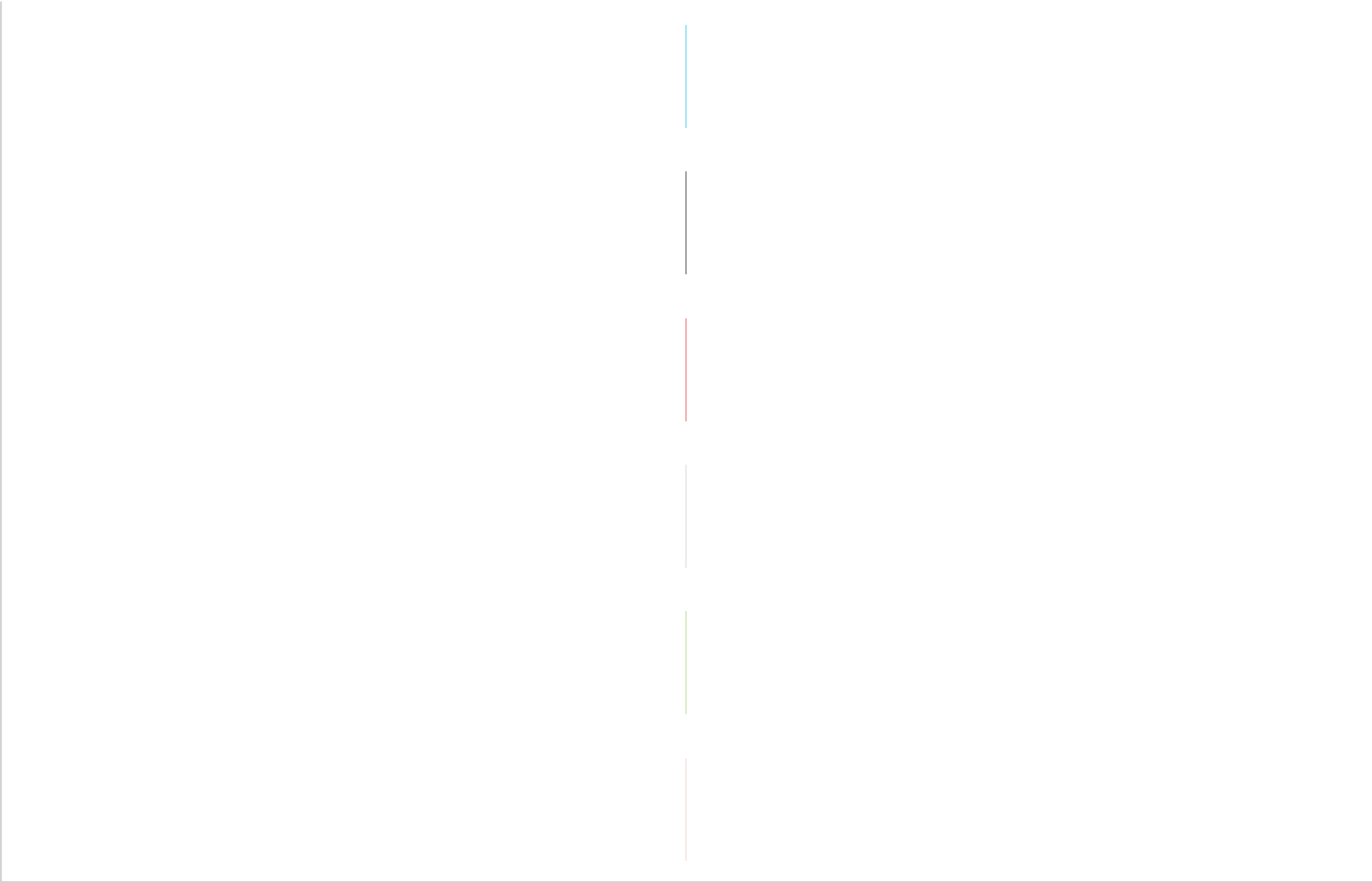
T>A

T>C

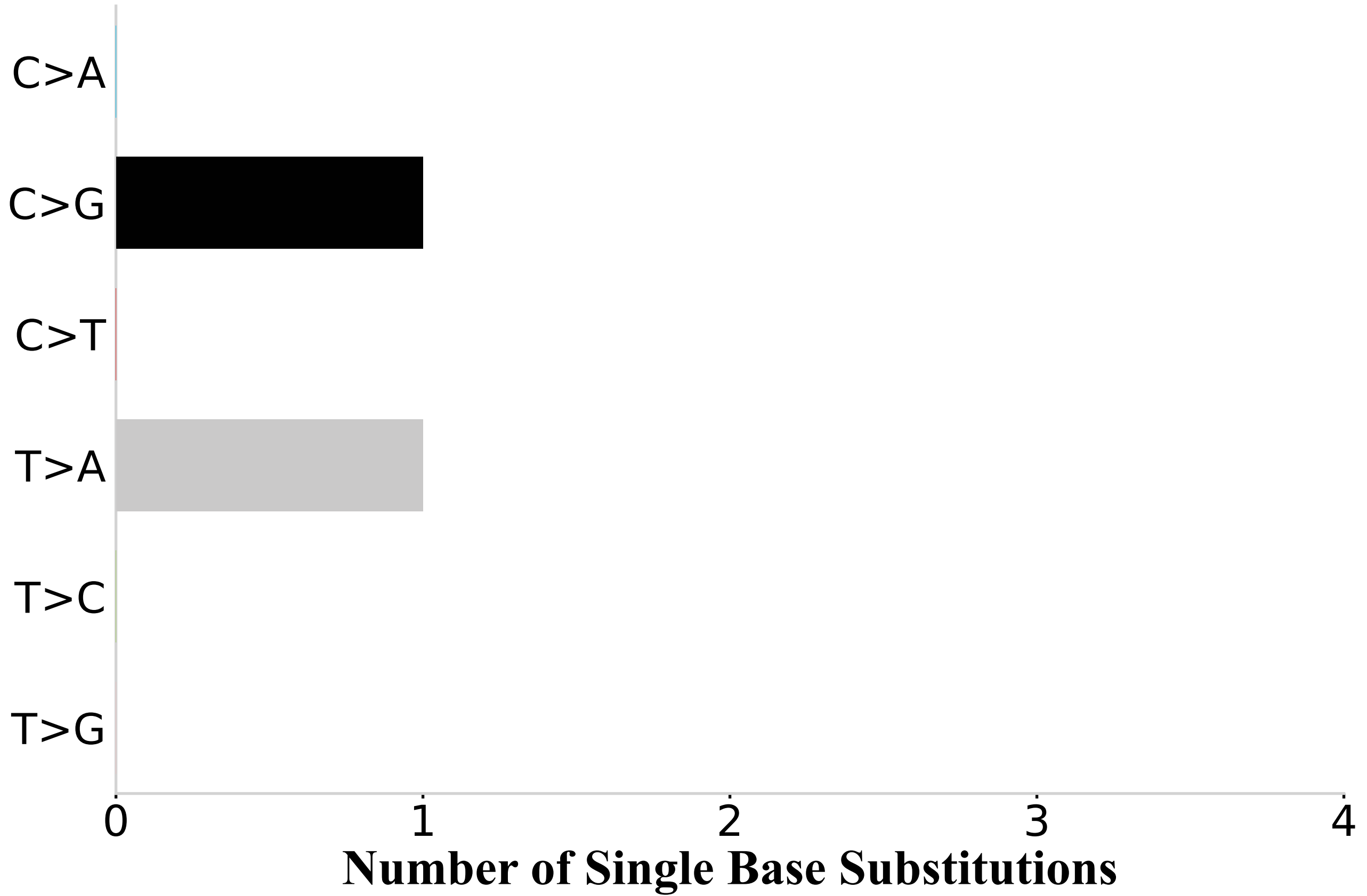
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Number of Single Base Substitutions



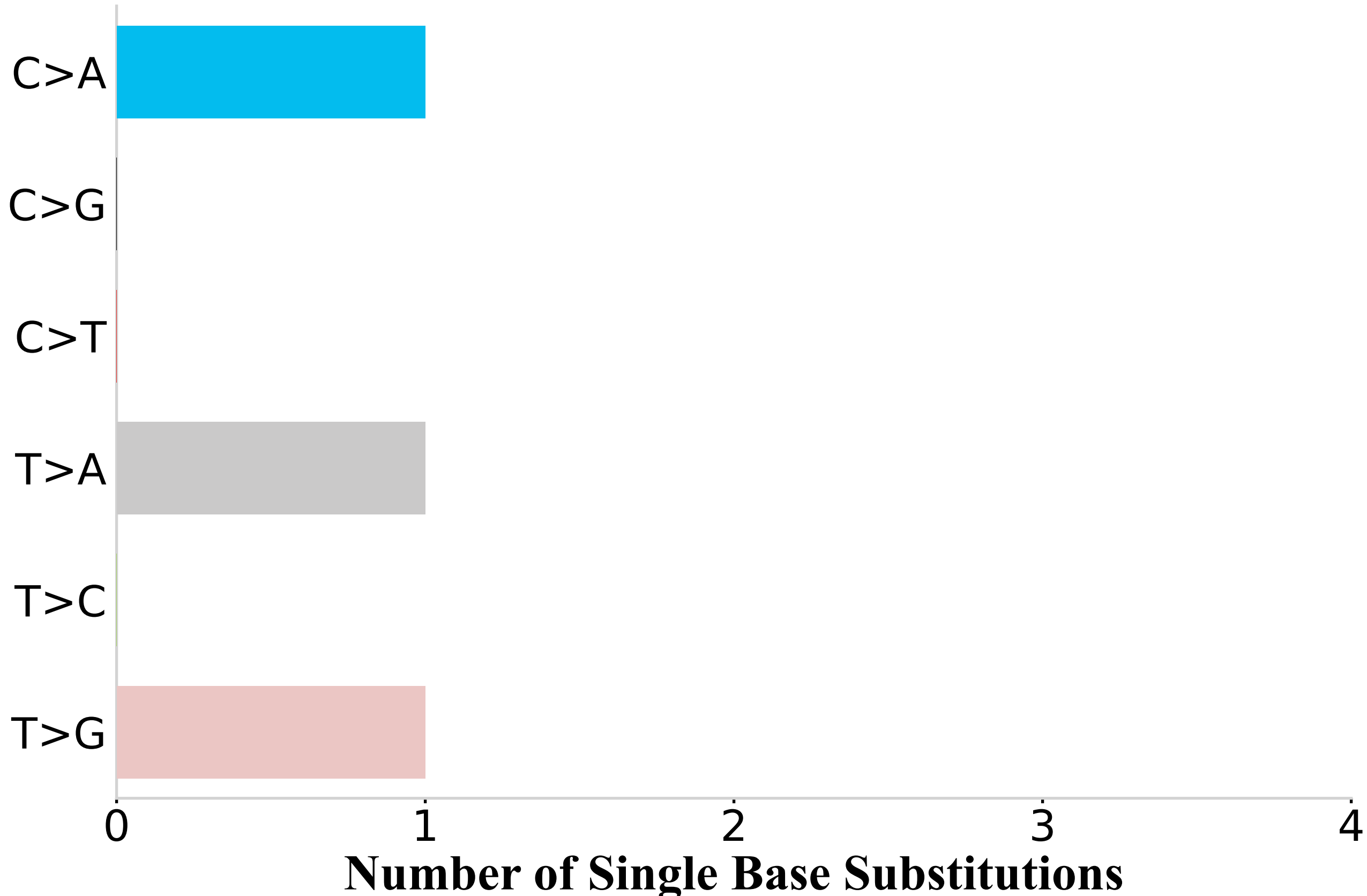
P-0026679-T01-IM6: 2 subs



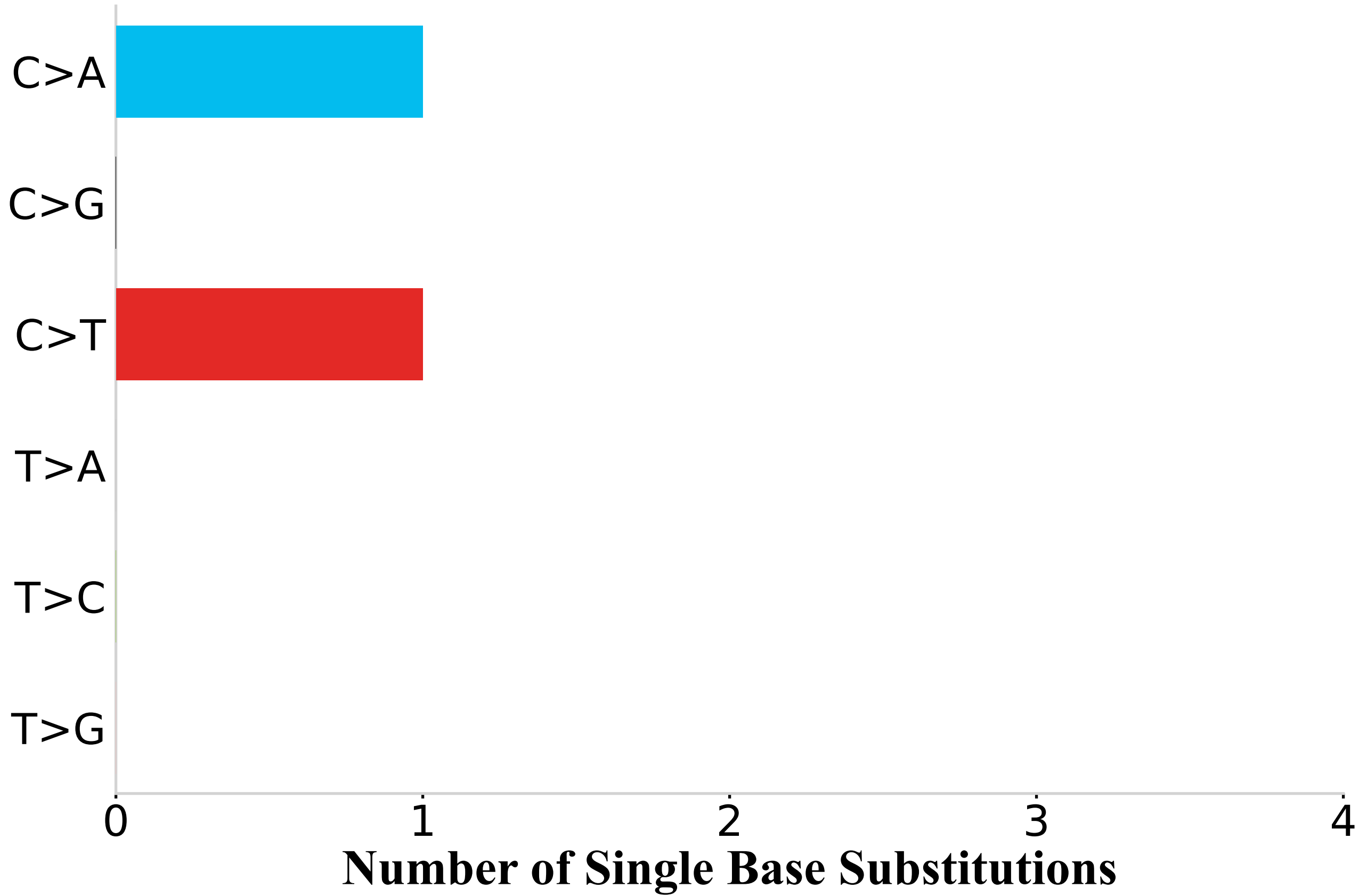
P-0026754-T01-IM6: 2 subs



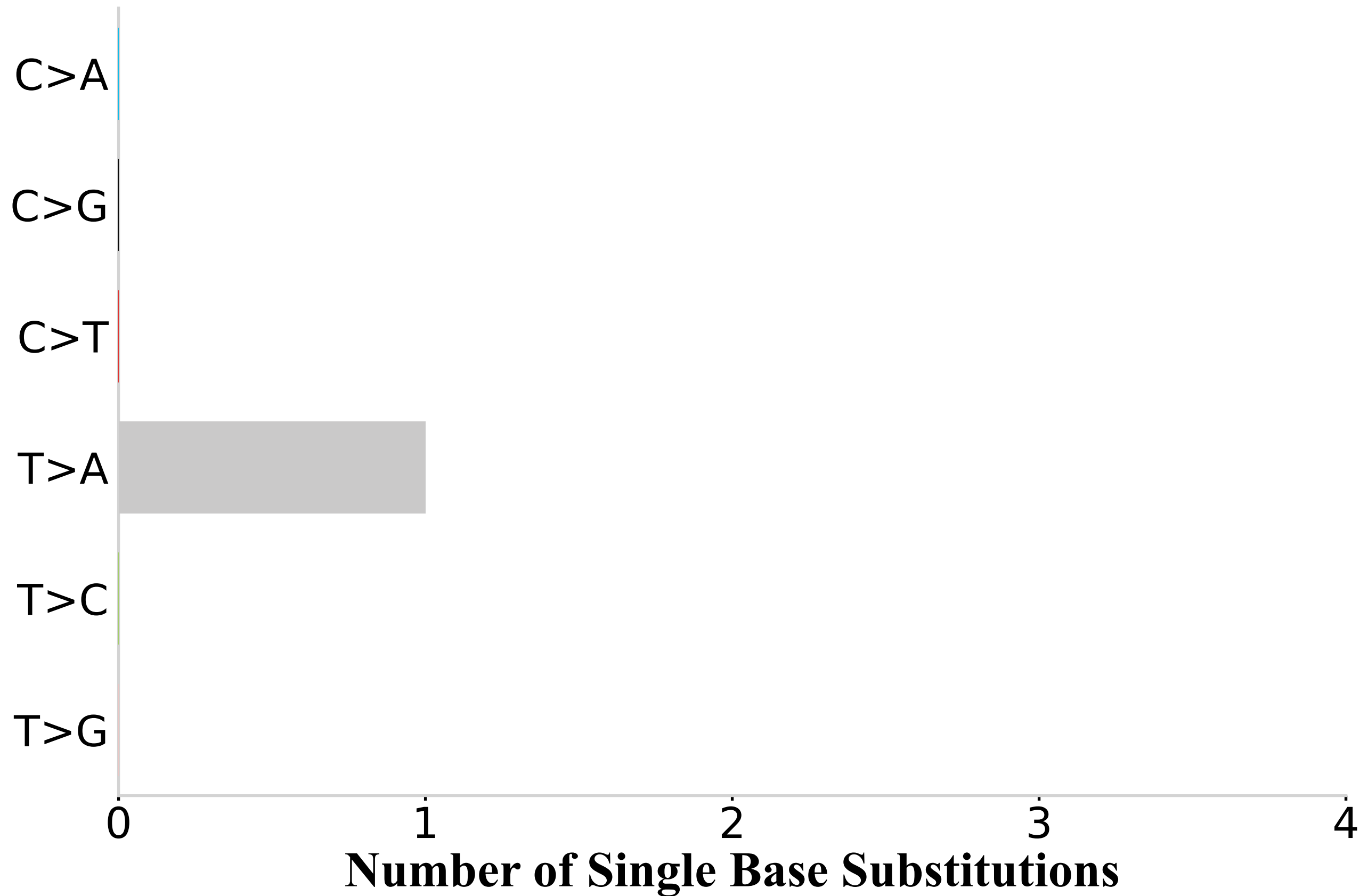
P-0026845-T01-IM6: 3 subs



P-0026906-T02-IM6: 2 subs



P-0026918-T01-IM6: 1 subs



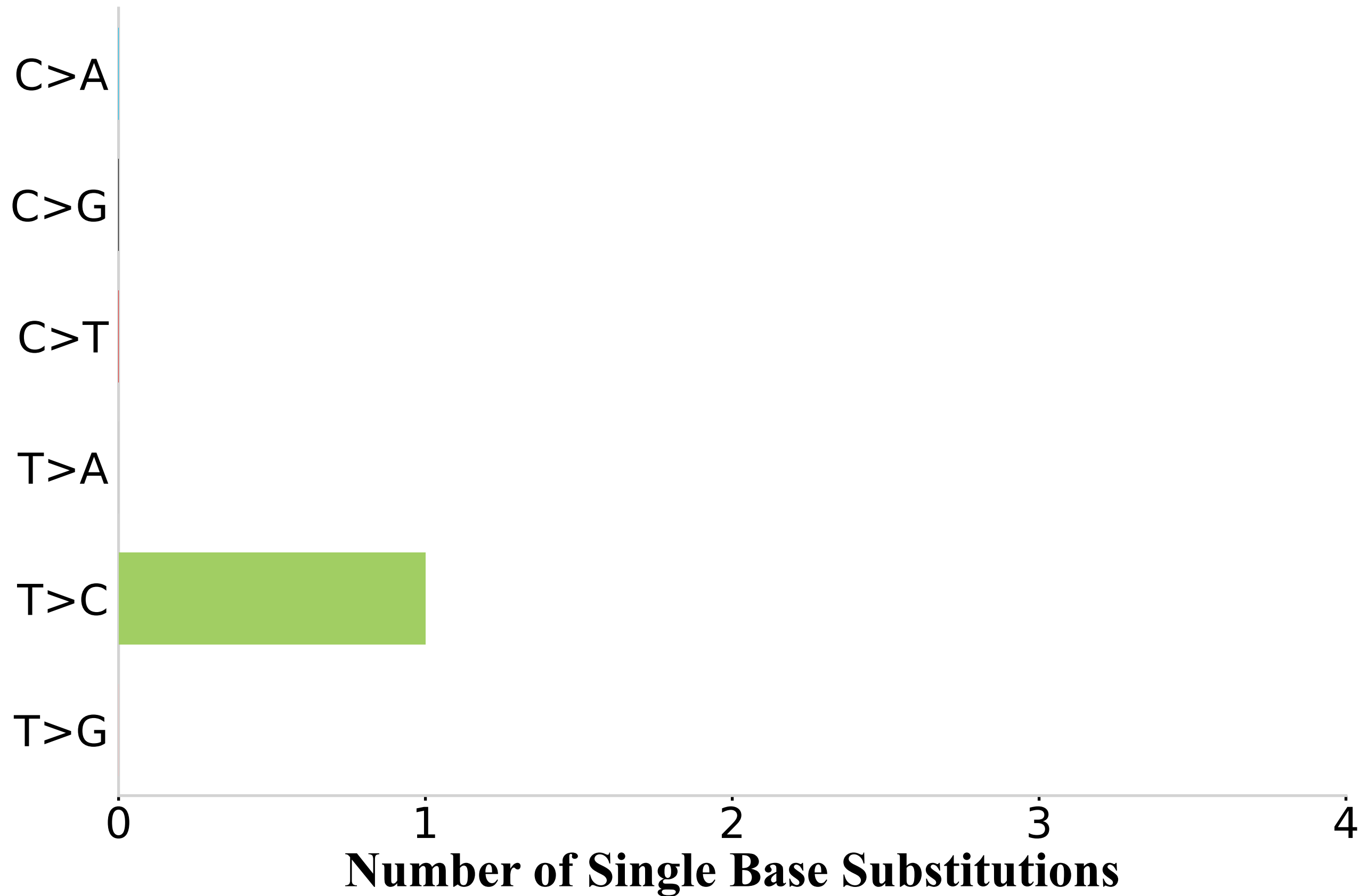
P-0027083-T01-IM6: 2 subs



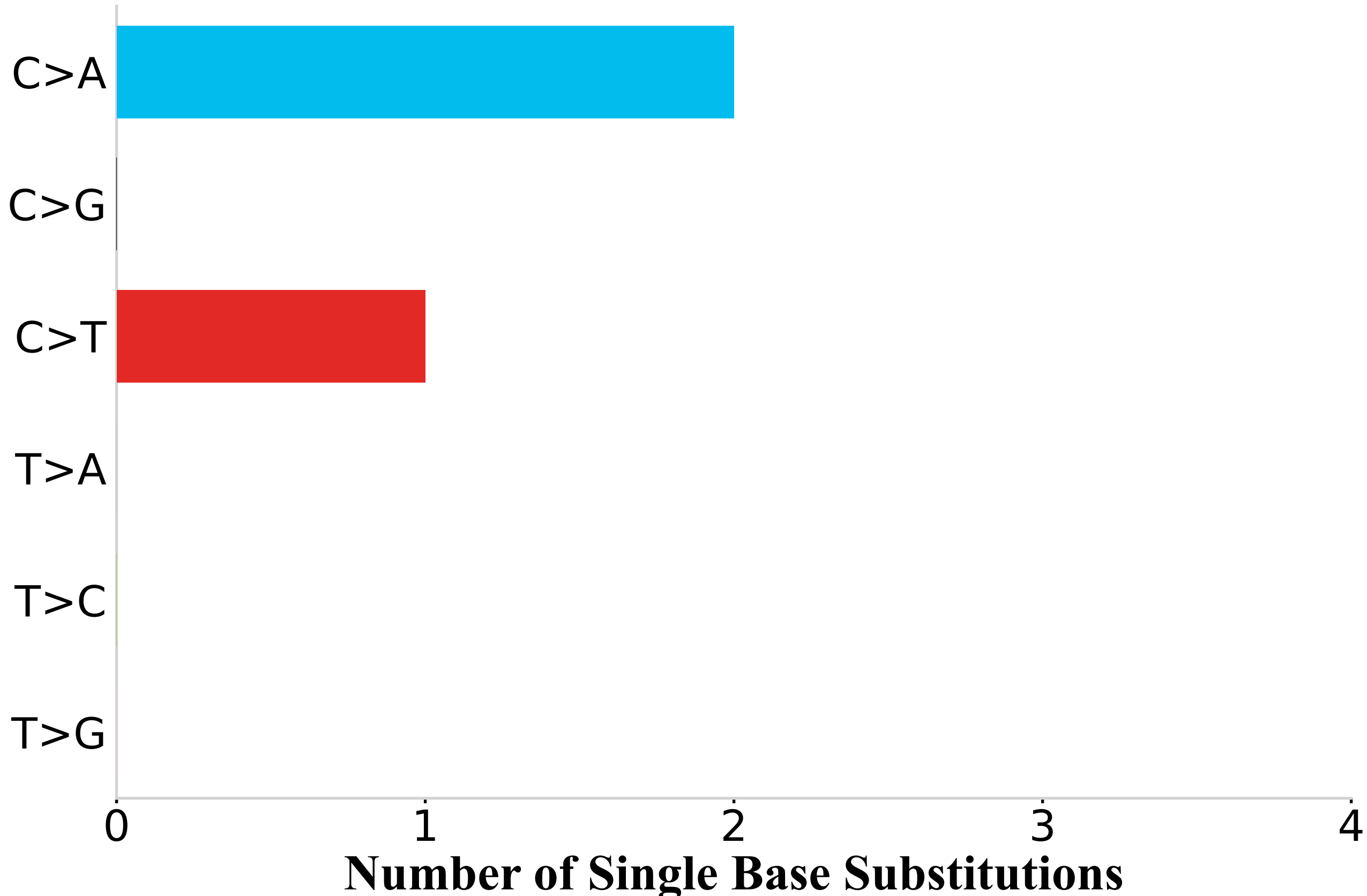
P-0027089-T01-IM6: 1 subs



P-0027195-T01-IM6: 1 subs



P-0027598-T02-IM6: 3 subs



P-0027730-T01-IM6: 0 subs

C>A

C>G

C>T

T>A

T>C

T>G

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Number of Single Base Substitutions



P-0027918-T01-IM6: 0 subs

C>A

C>G

C>T

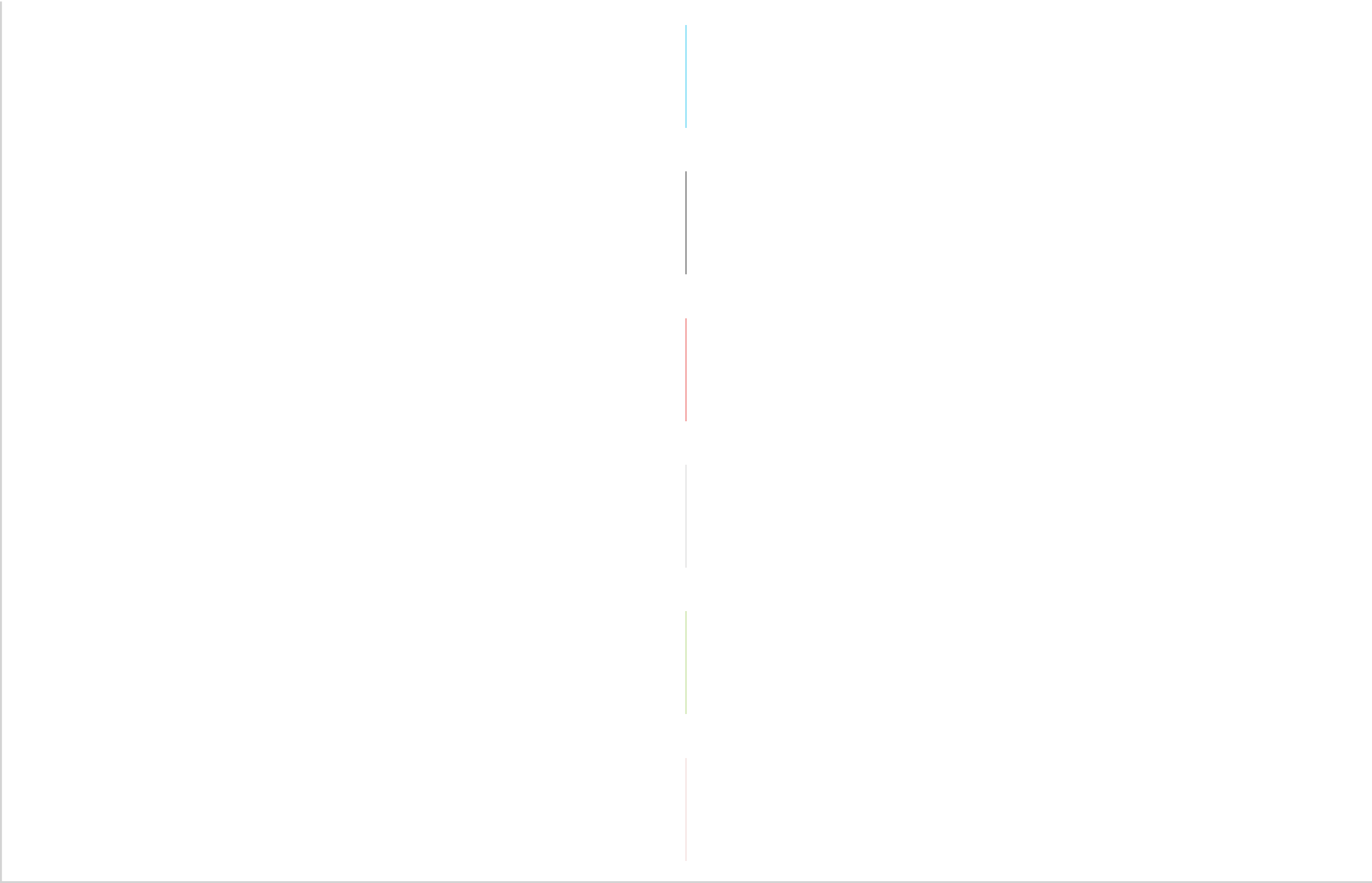
T>A

T>C

T>G

0

Number of Single Base Substitutions



P-0027928-T01-IM6: 1 subs



P-0028138-T01-IM6: 0 subs

C>A

C>G

C>T

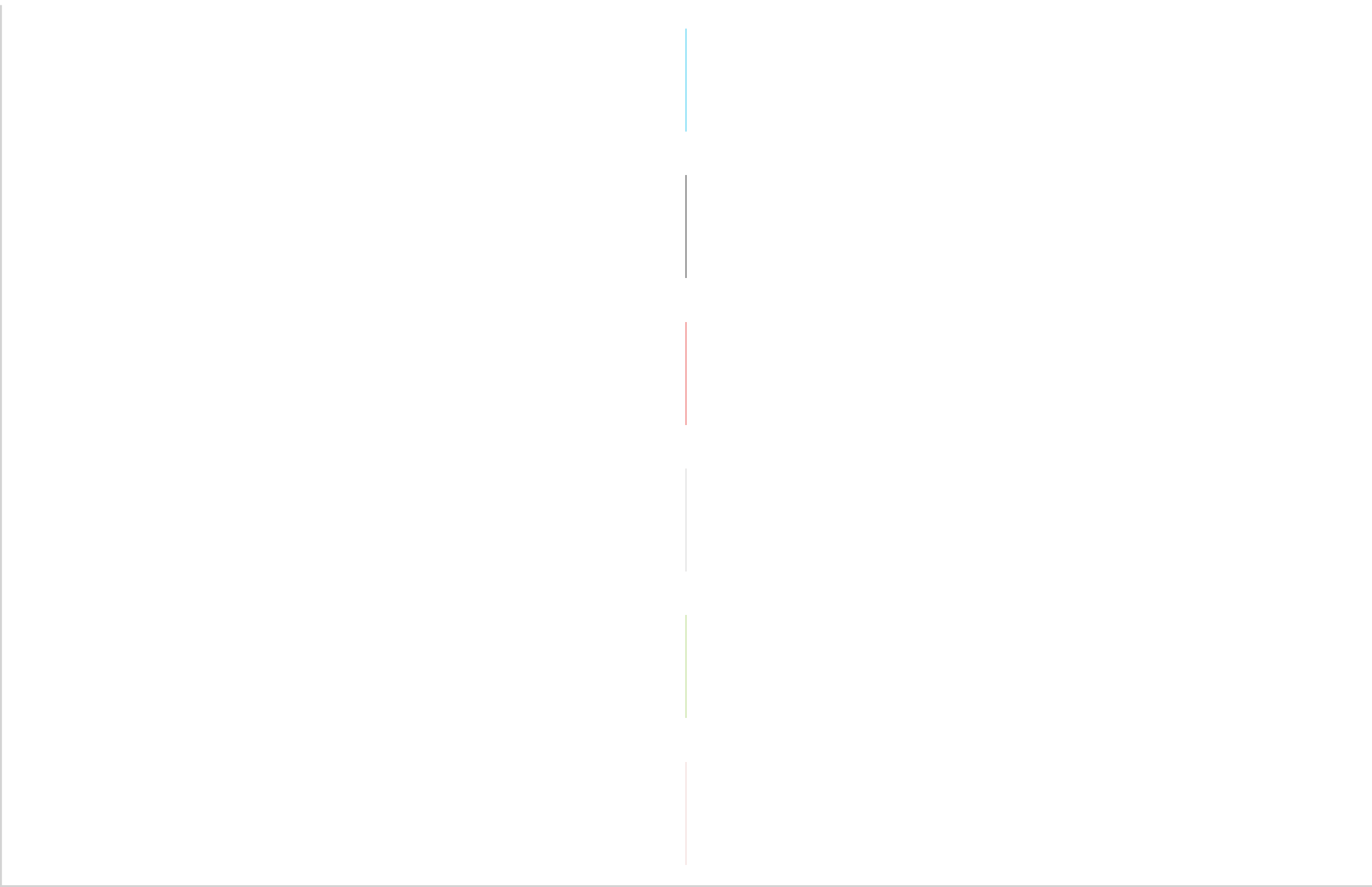
T>A

T>C

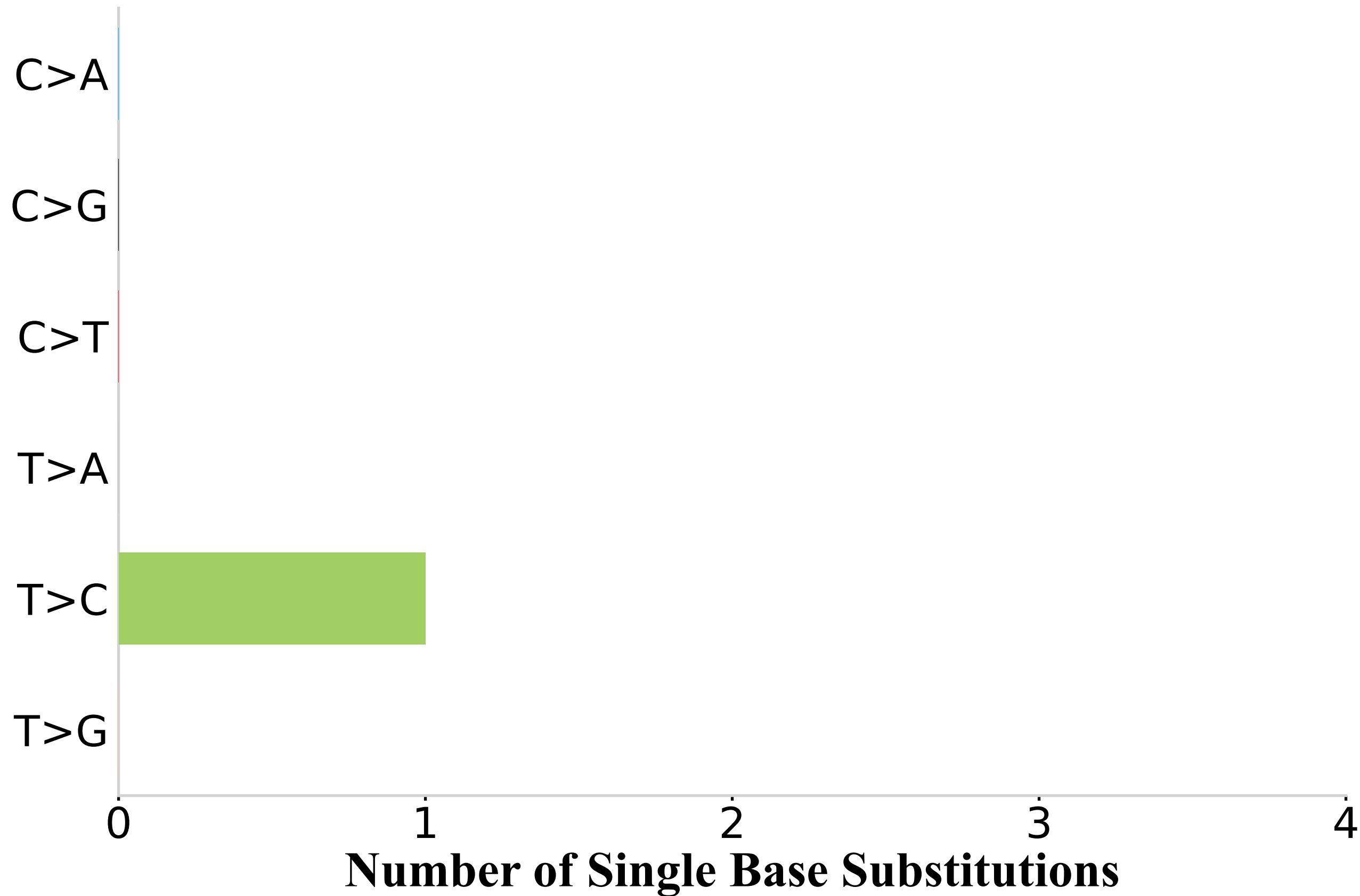
T>G

0

Number of Single Base Substitutions



P-0028383-T01-IM6: 1 subs



P-0028447-T02-IM6: 0 subs

C>A

C>G

C>T

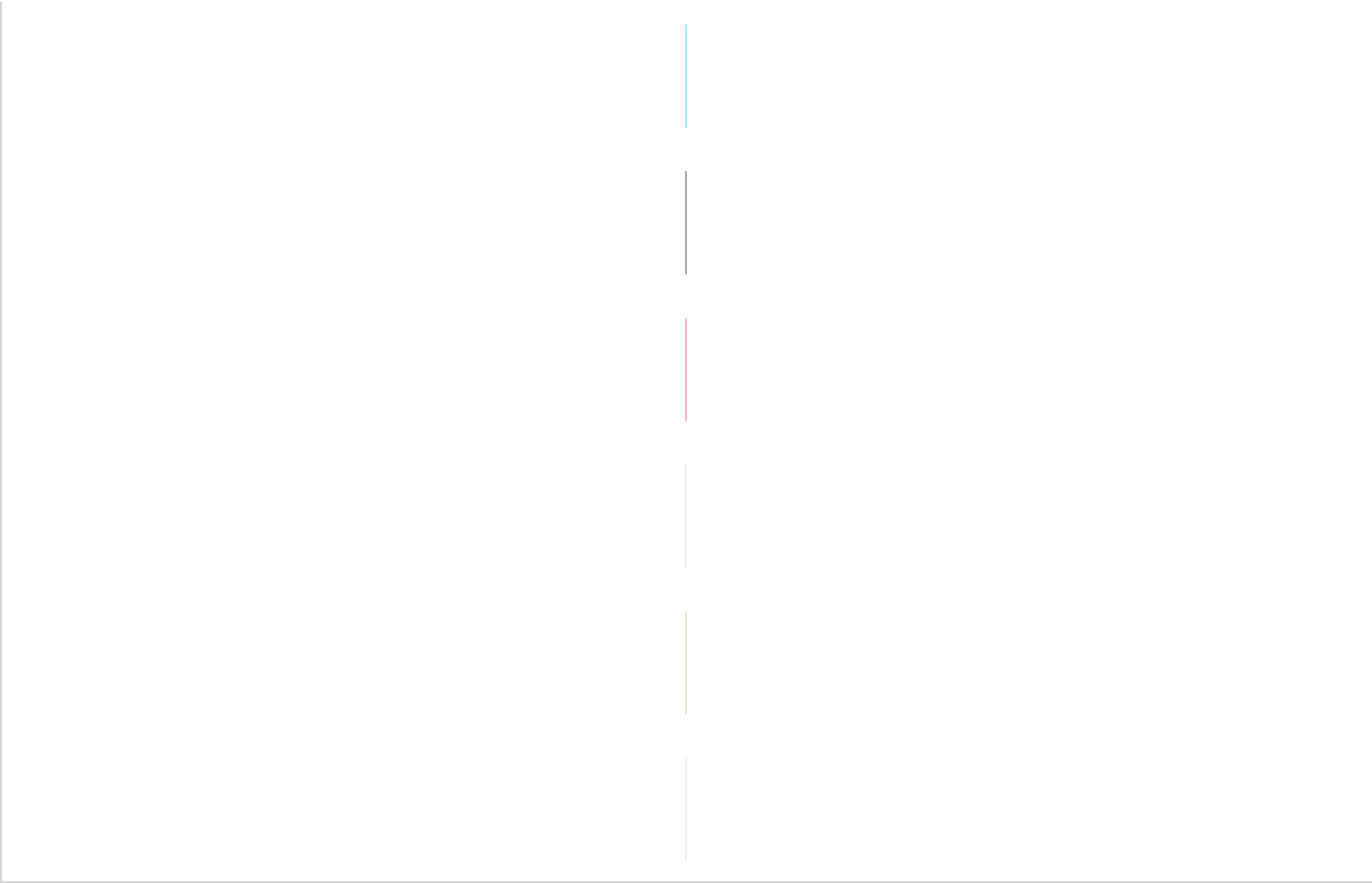
T>A

T>C

T>G

0

Number of Single Base Substitutions



P-0028553-T01-IM6: 0 subs

C>A

C>G

C>T

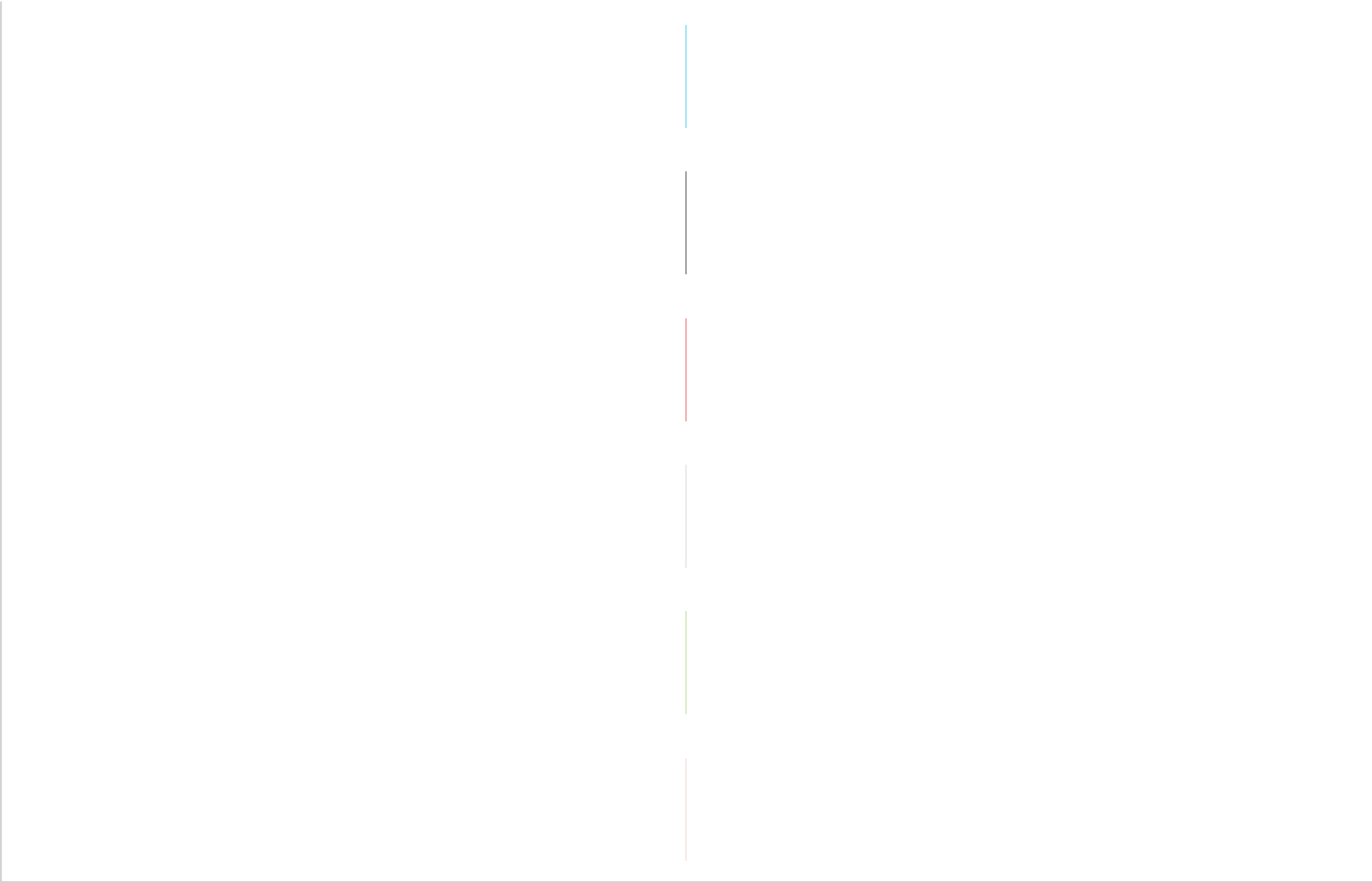
T>A

T>C

T>G

0

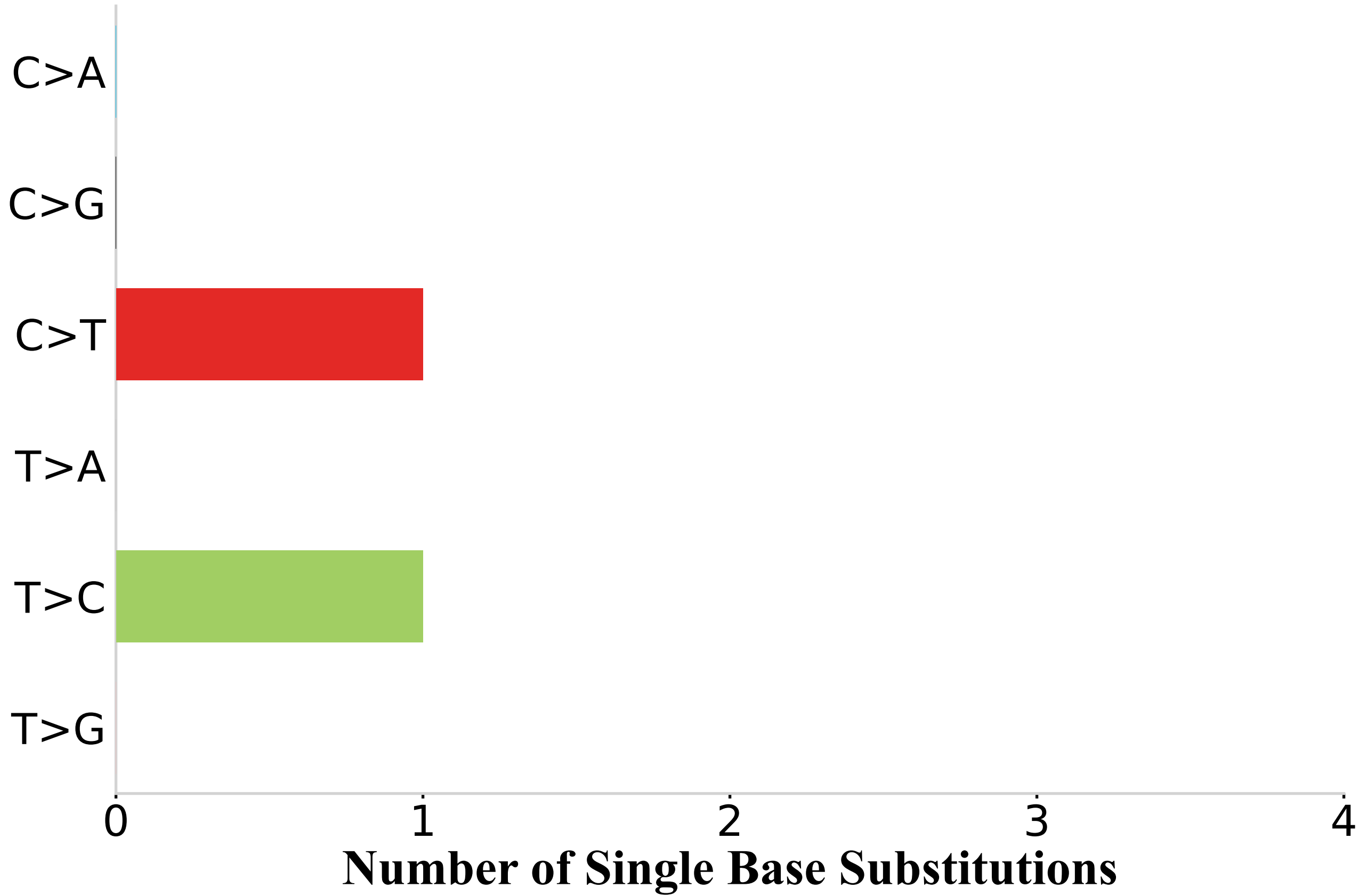
Number of Single Base Substitutions



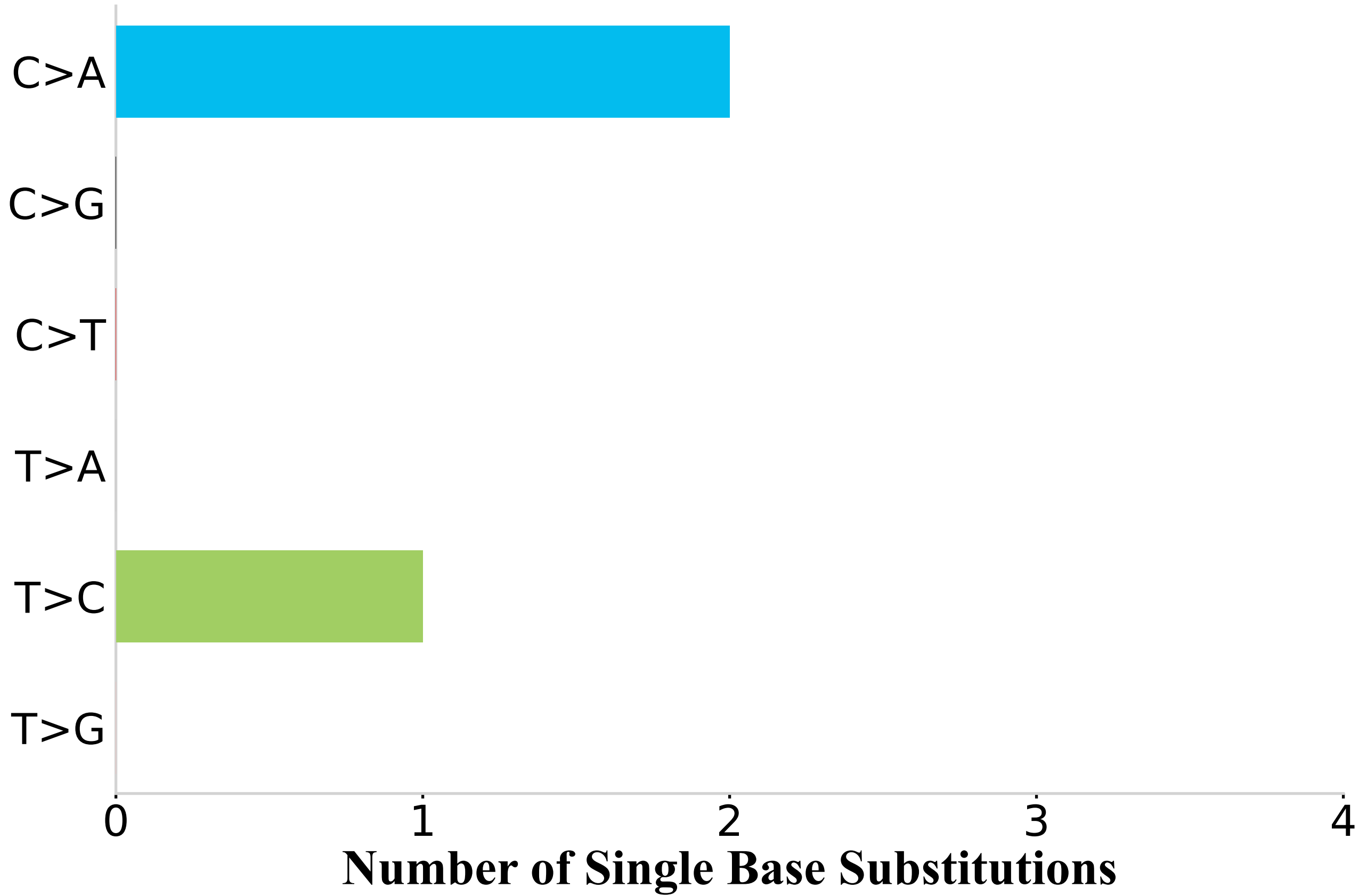
P-0028614-T01-IM6: 2 subs



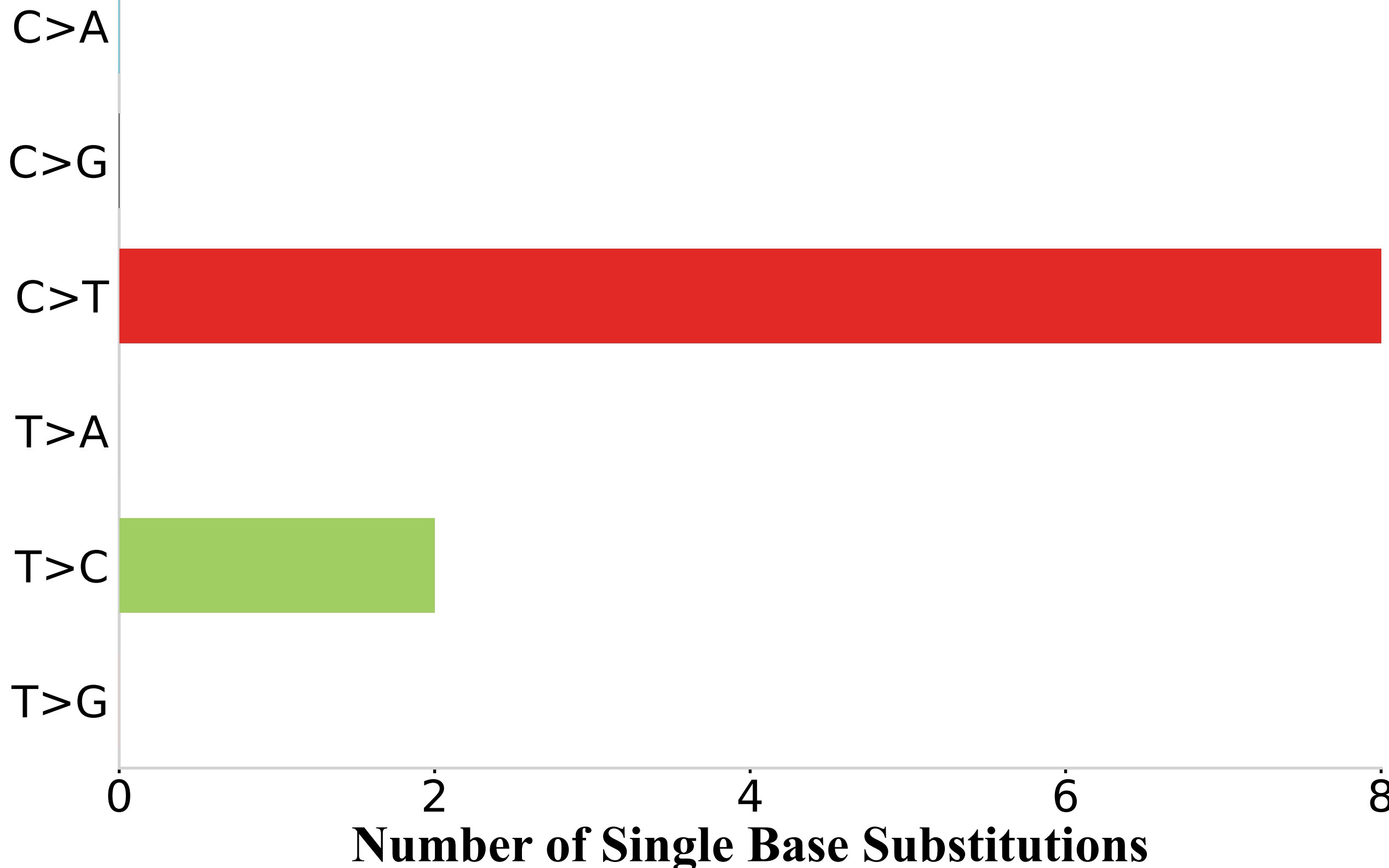
P-0028742-T01-IM6: 2 subs



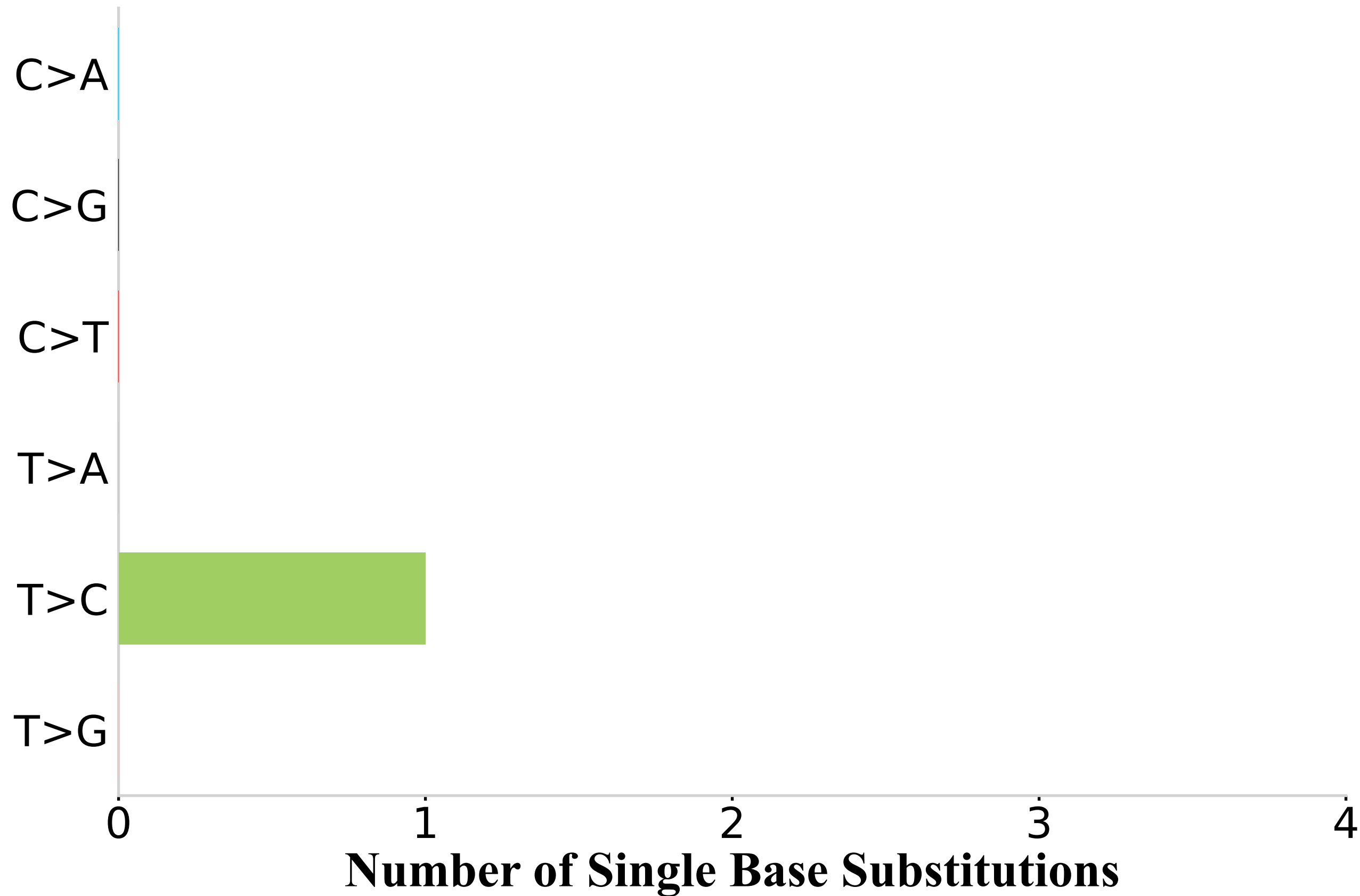
P-0028773-T02-IM6: 3 subs



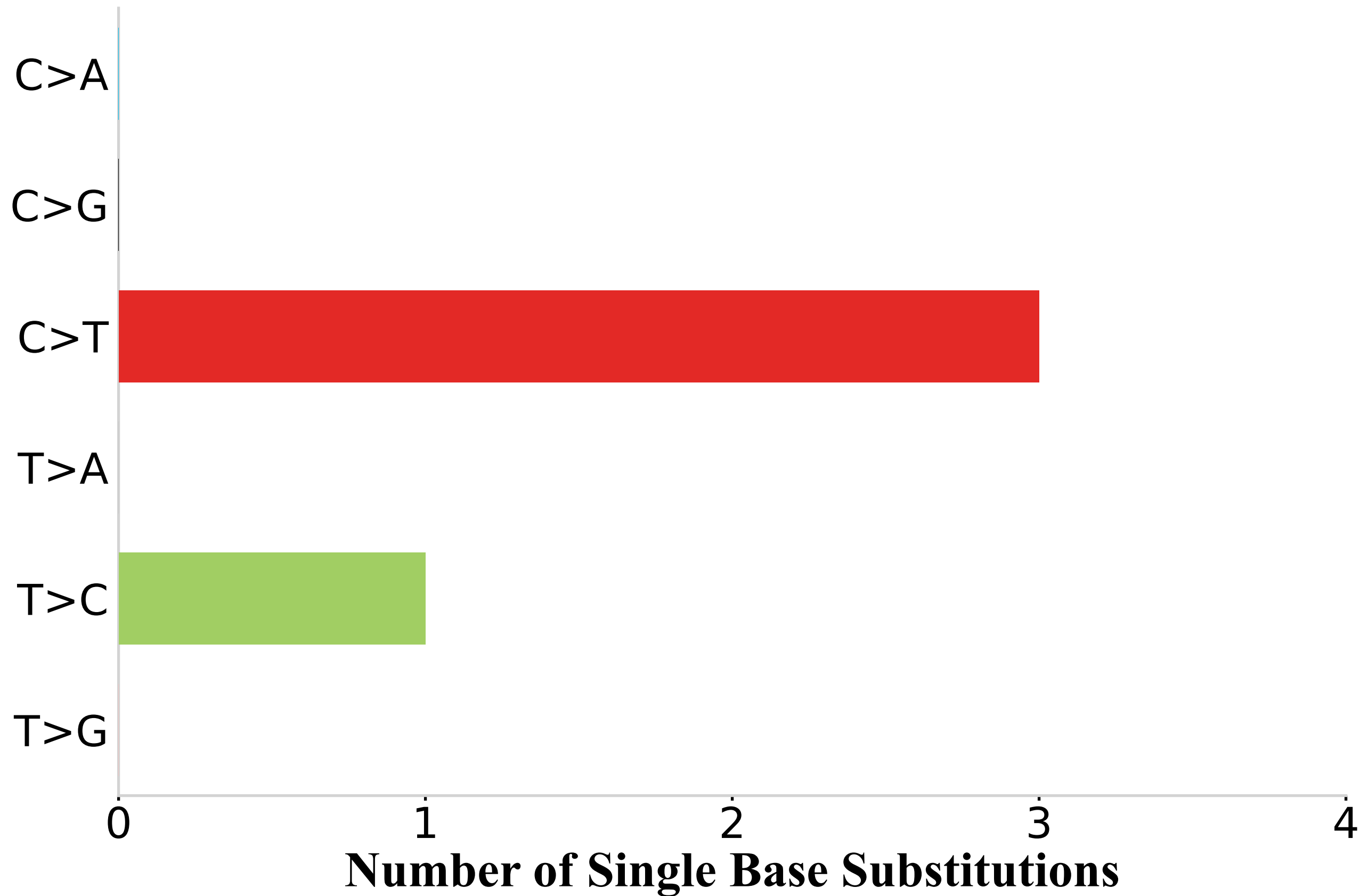
P-0029072-T02-IM6: 10 subs



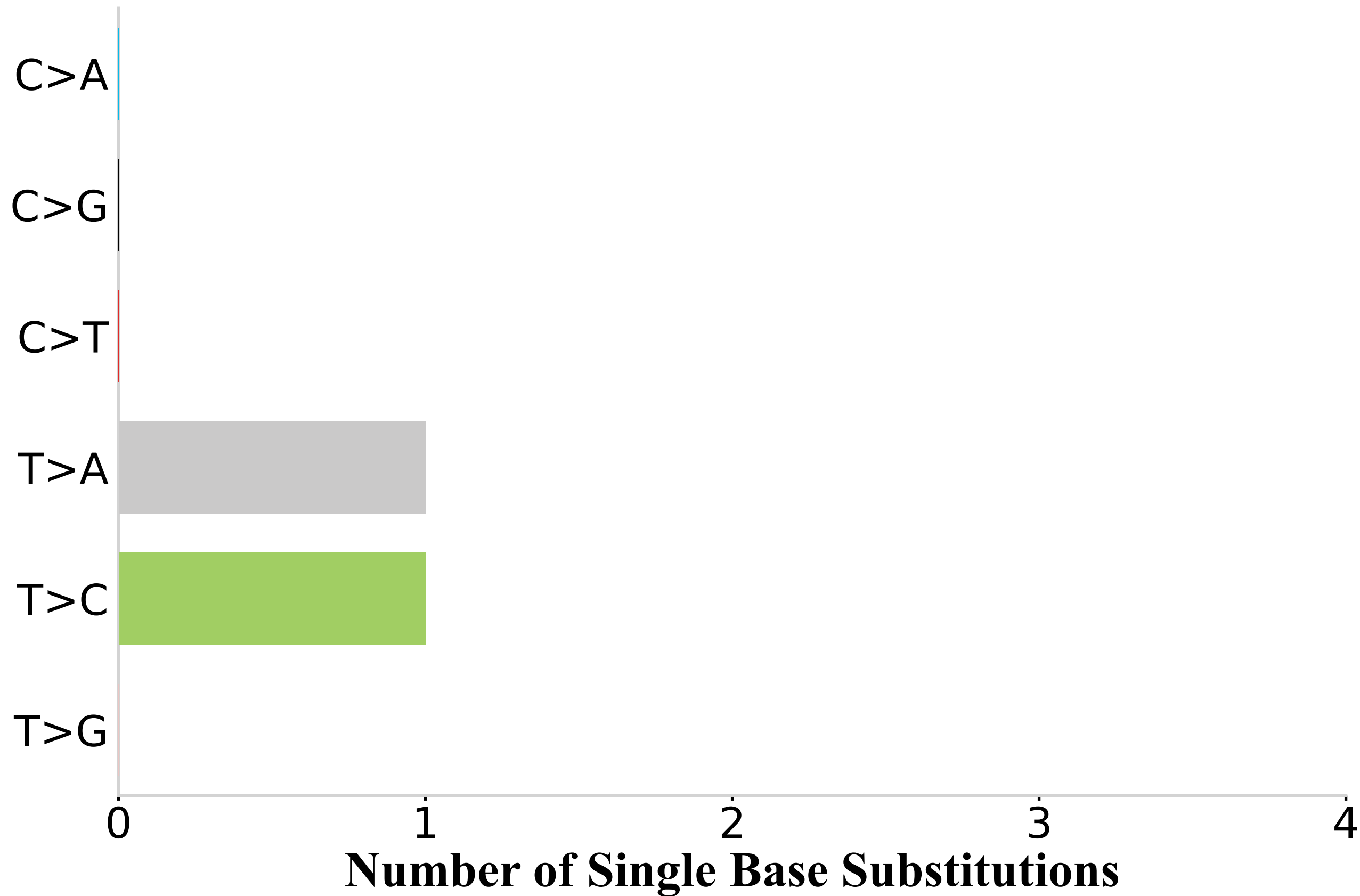
P-0029134-T01-IM6: 1 subs



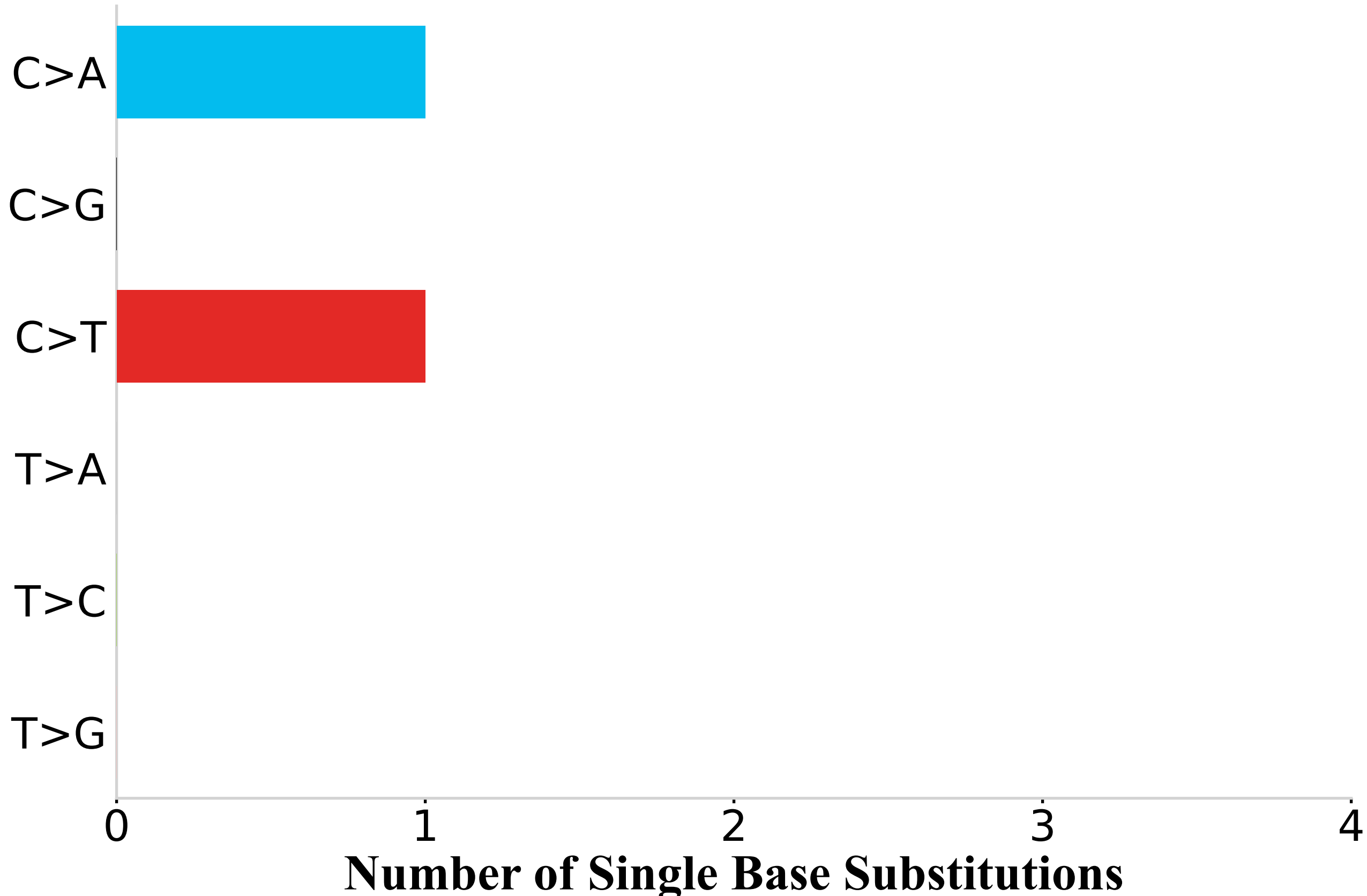
P-0029150-T01-IM6: 4 subs



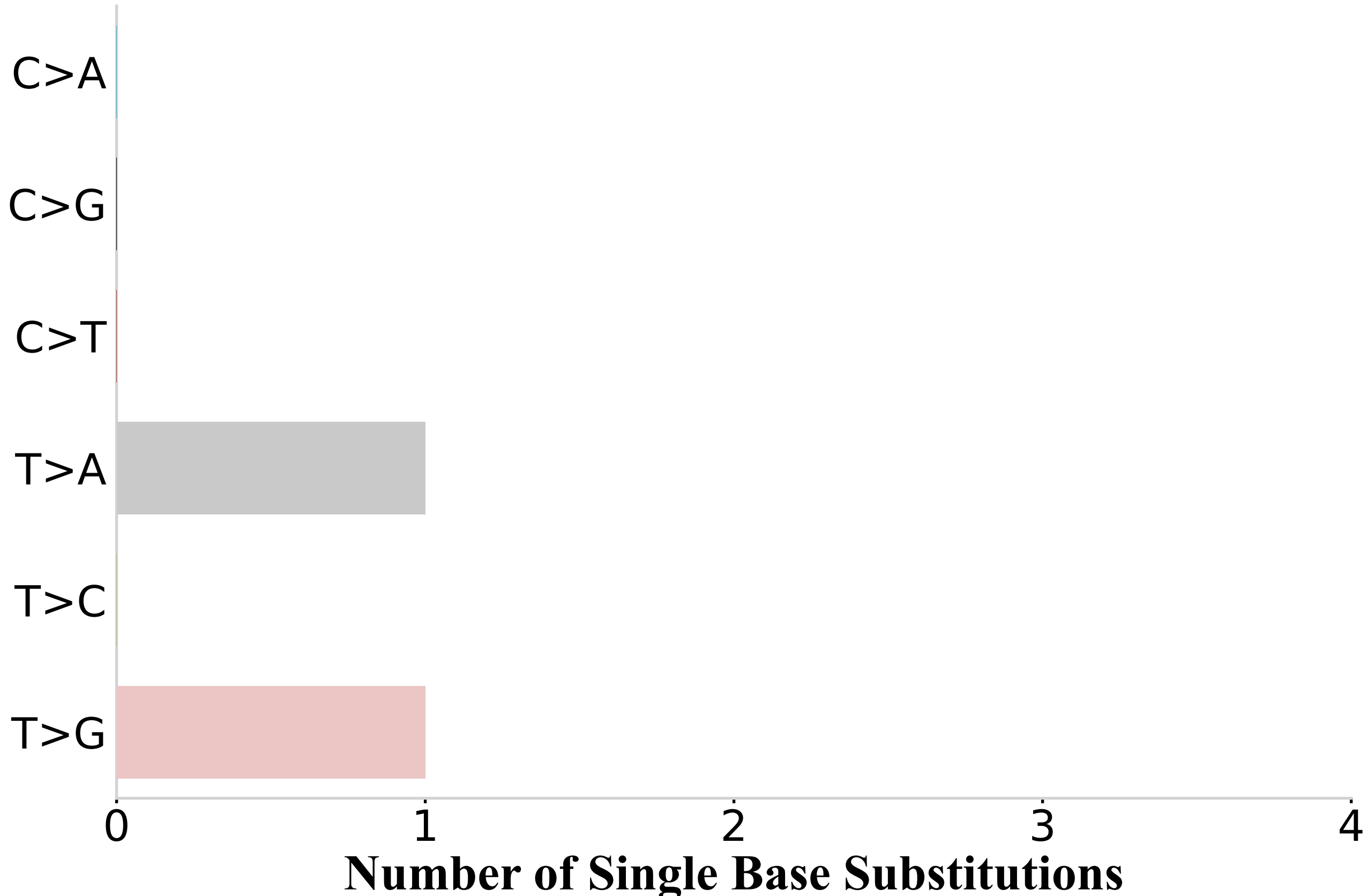
P-0029467-T01-IM6: 2 subs



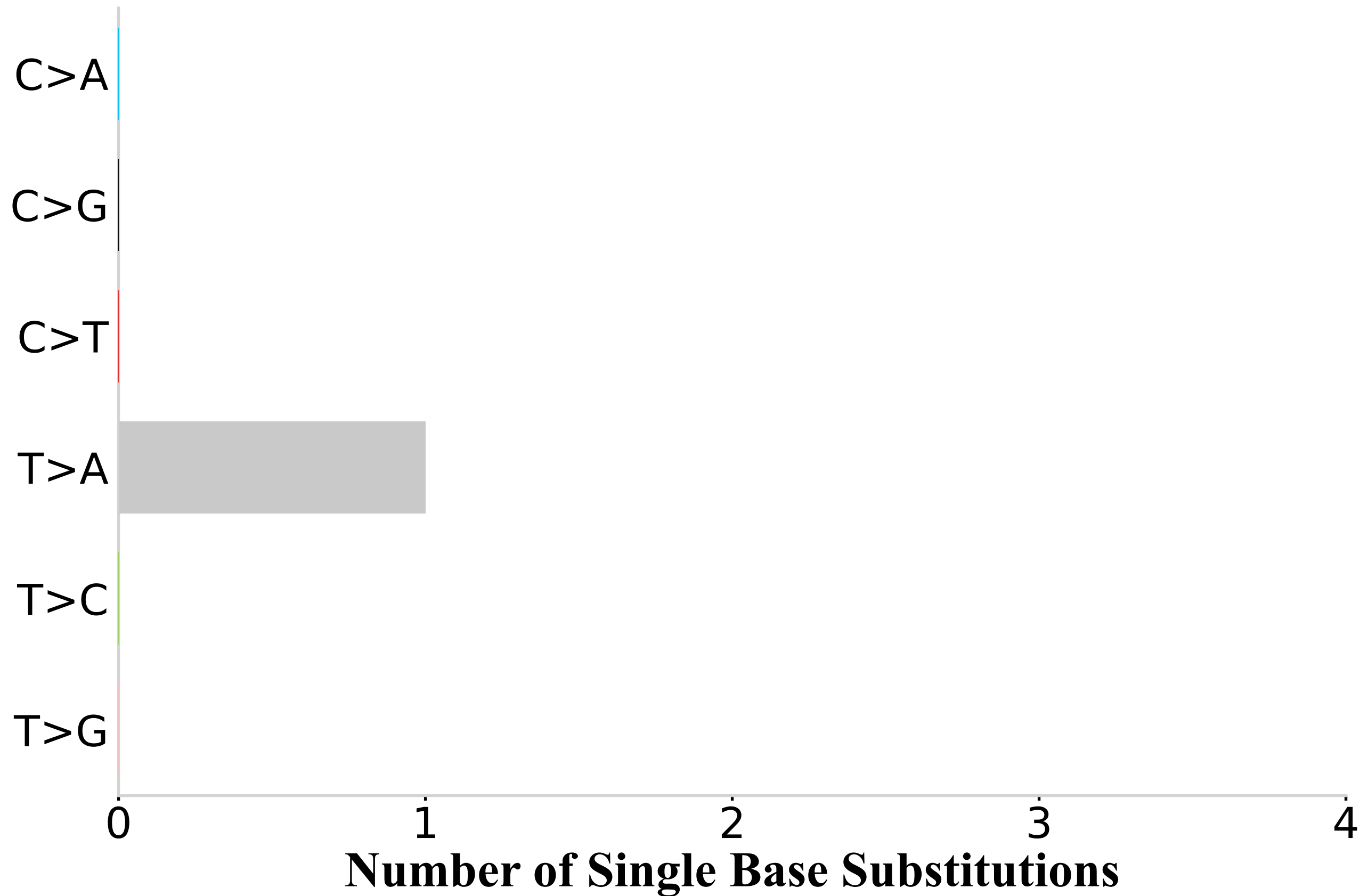
P-0029524-T01-IM6: 2 subs



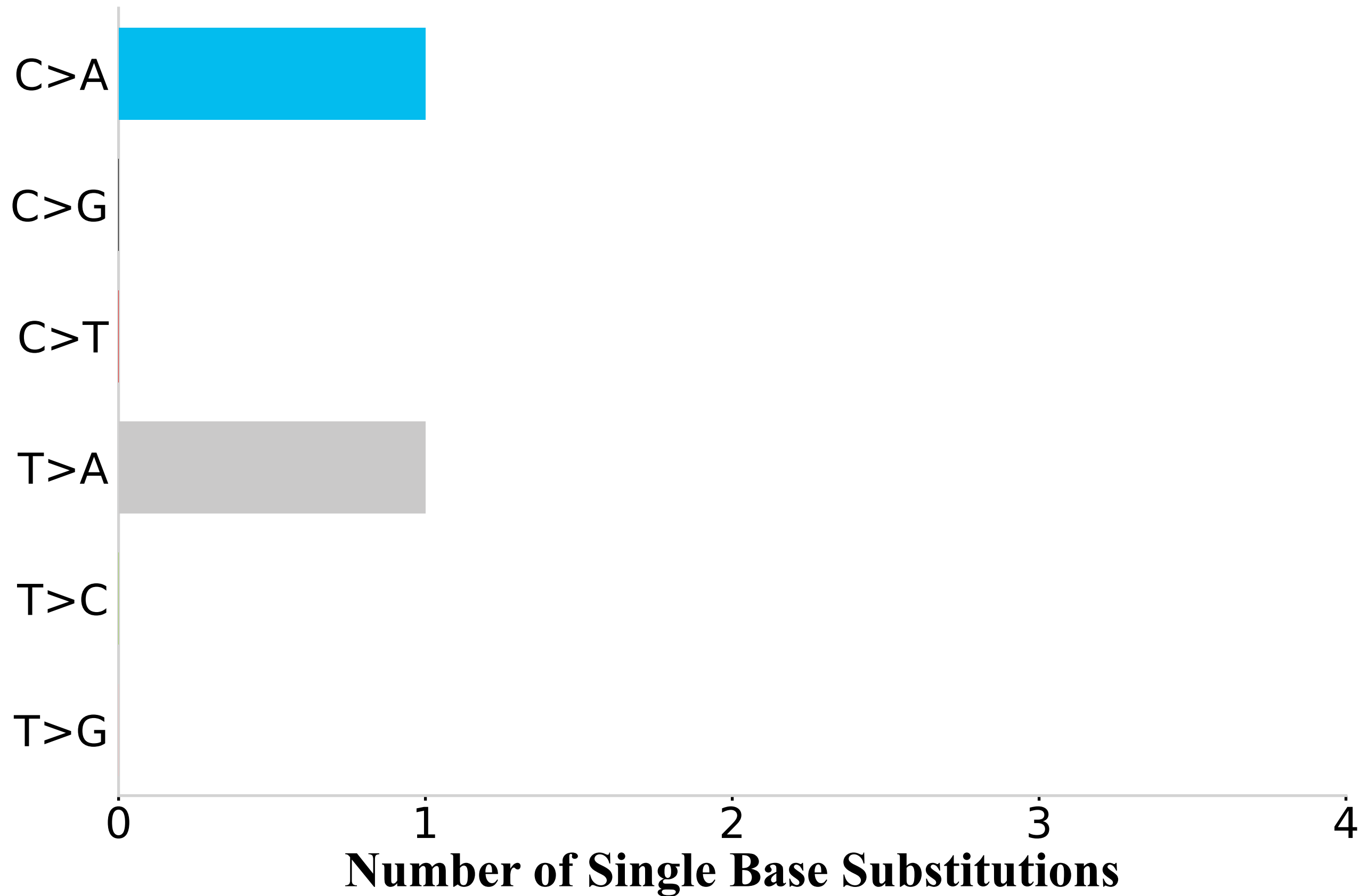
P-0029963-T01-IM6: 2 subs



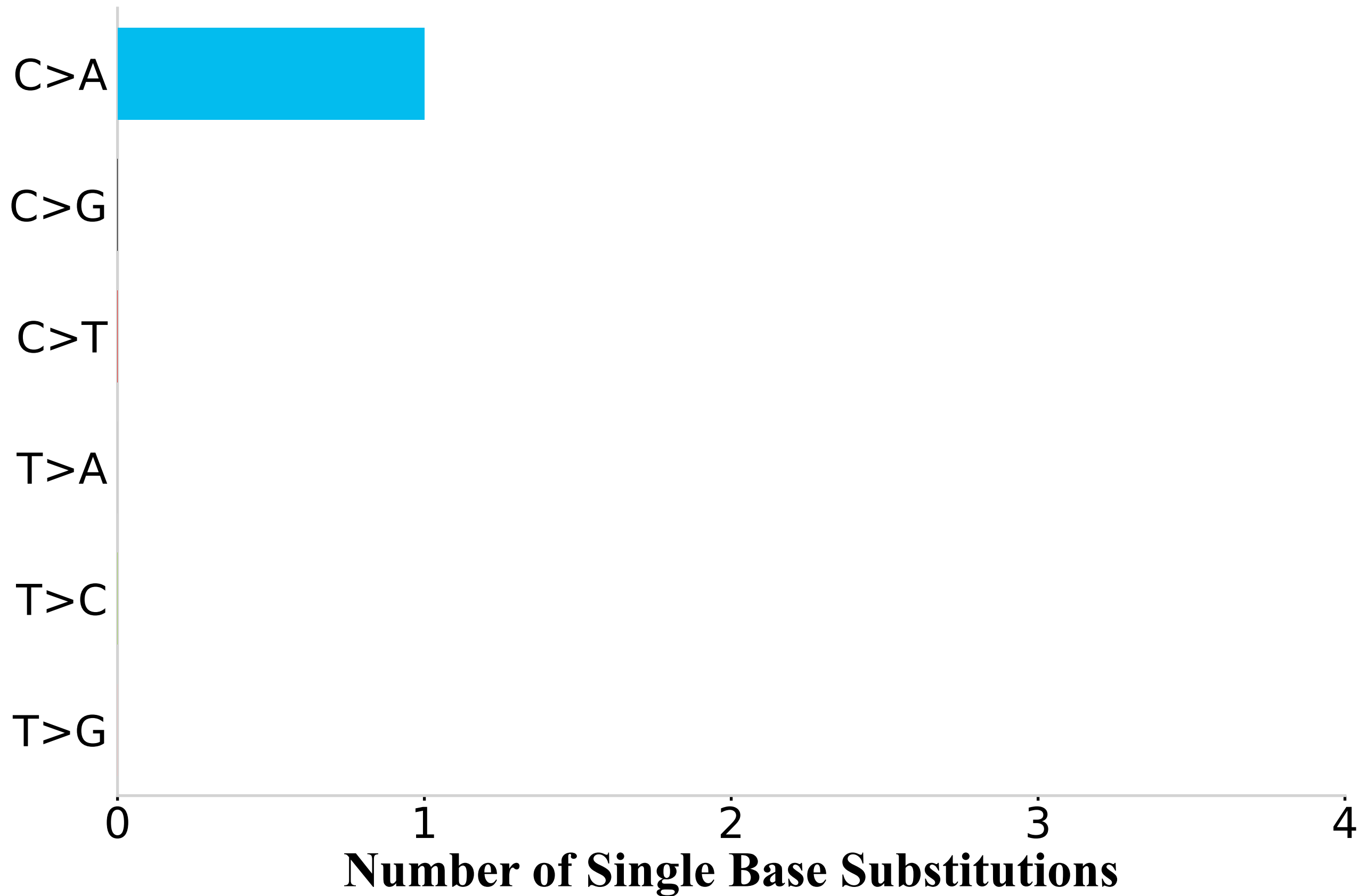
P-0030194-T01-IM6: 1 subs



P-0030447-T01-IM6: 2 subs



P-0030781-T01-IM6: 1 subs



P-0031004-T01-IM6: 0 subs

C>A

C>G

C>T

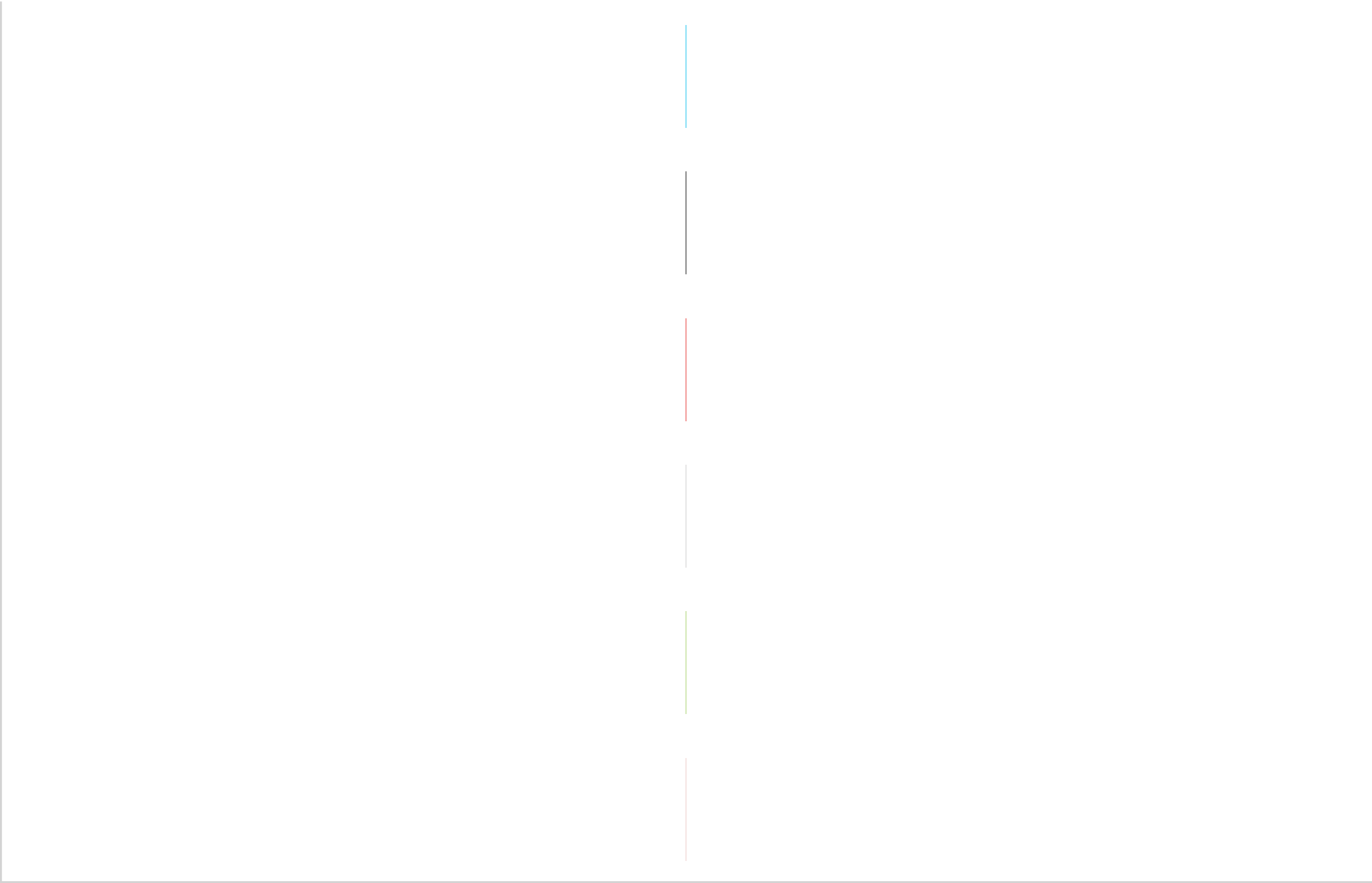
T>A

T>C

T>G

0

Number of Single Base Substitutions



P-0031080-T01-IM6: 0 subs

C>A

C>G

C>T

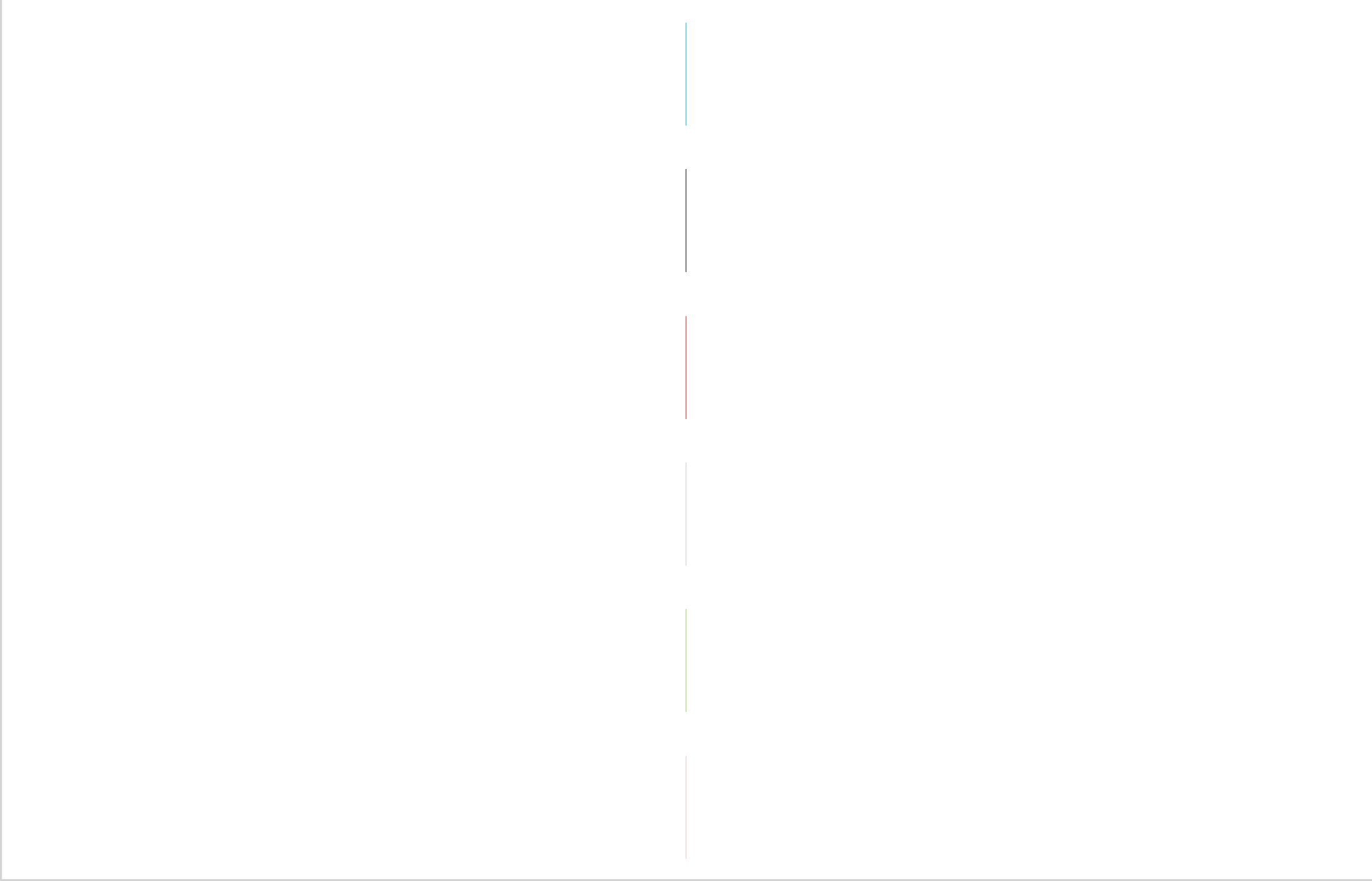
T>A

T>C

T>G

0

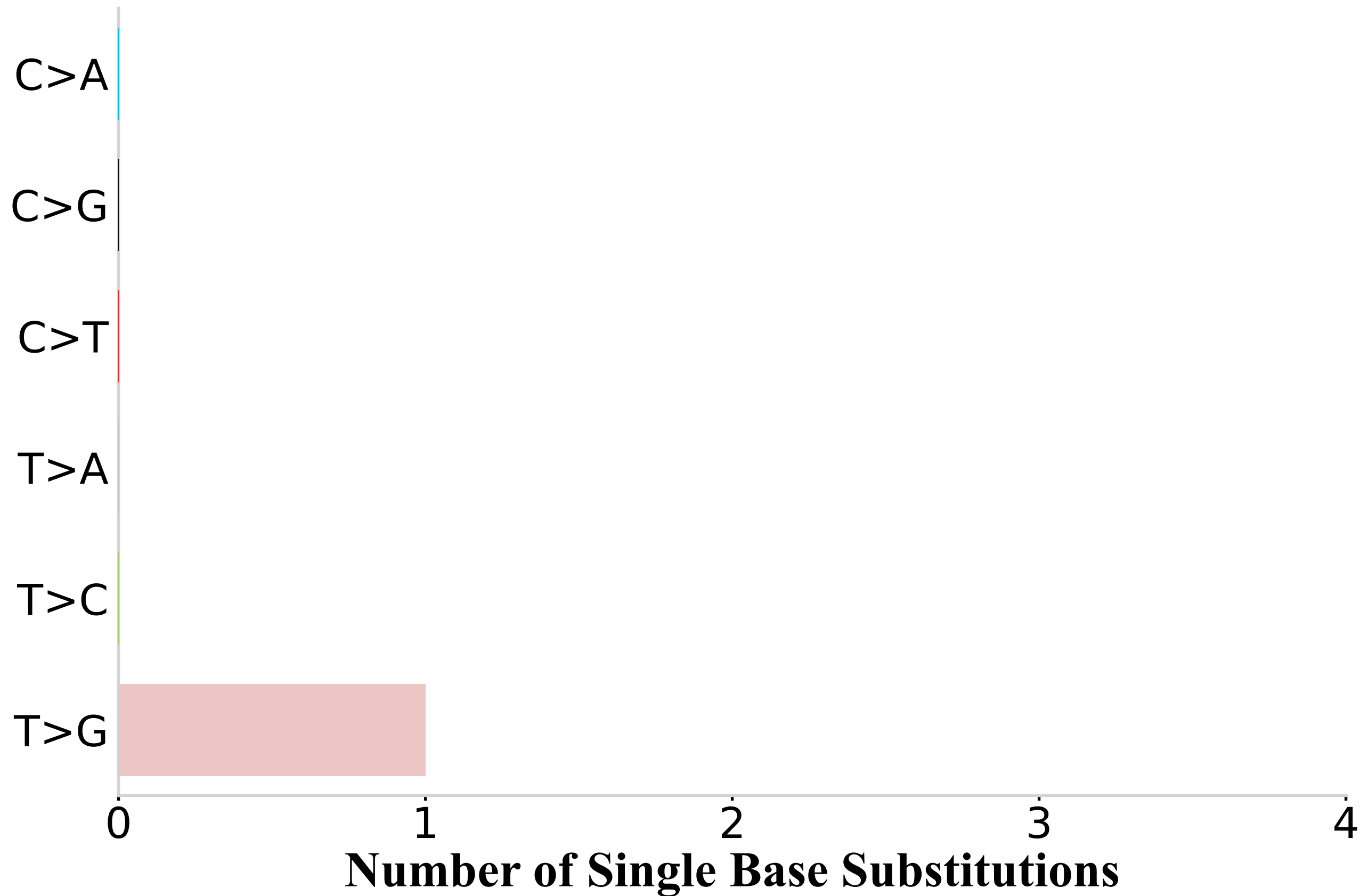
Number of Single Base Substitutions



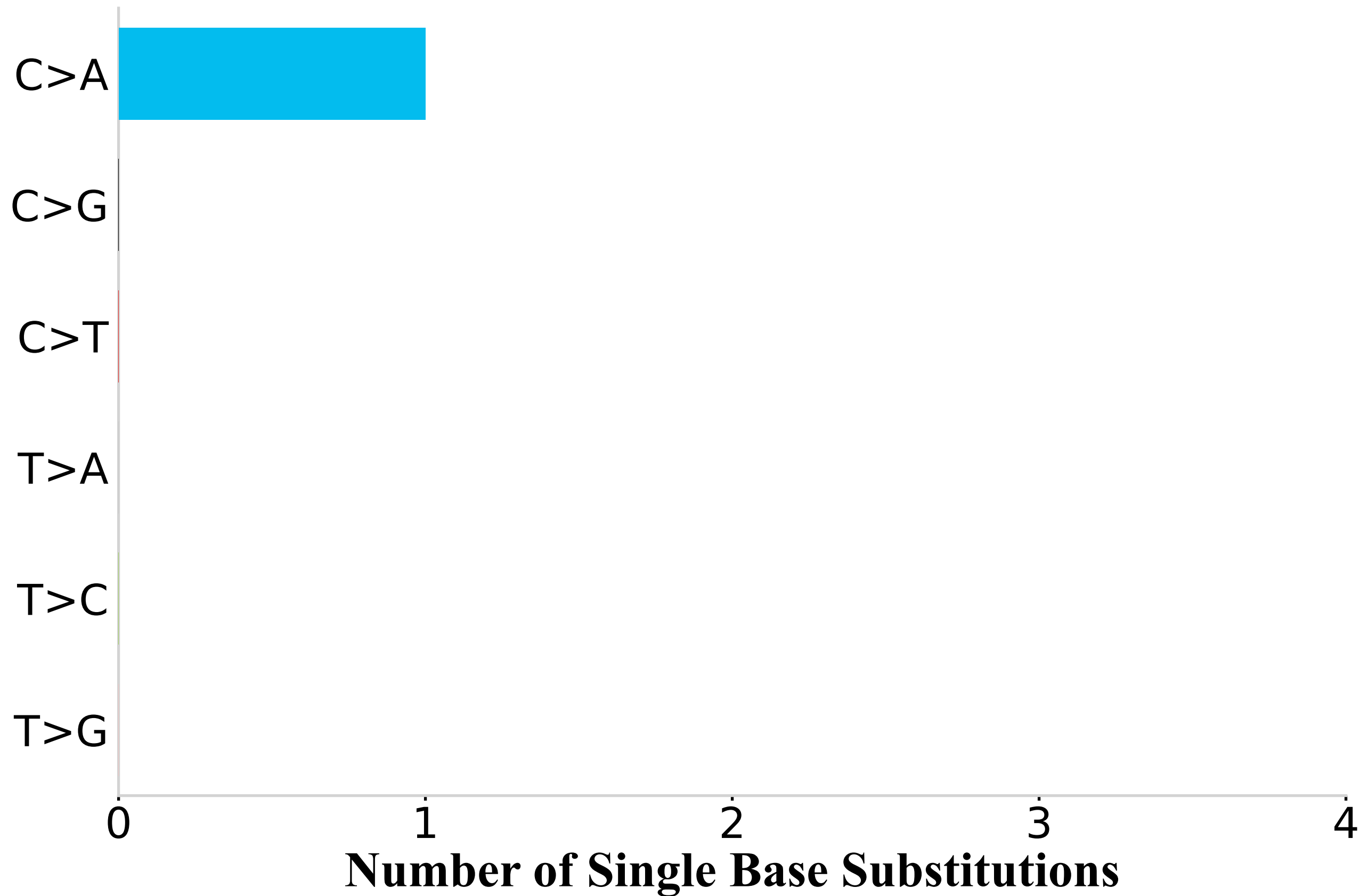
P-0031415-T01-IM6: 1 subs



P-0031480-T01-IM6: 1 subs



P-0031775-T01-IM6: 1 subs



P-0031934-T01-IM6: 0 subs

C>A

C>G

C>T

T>A

T>C

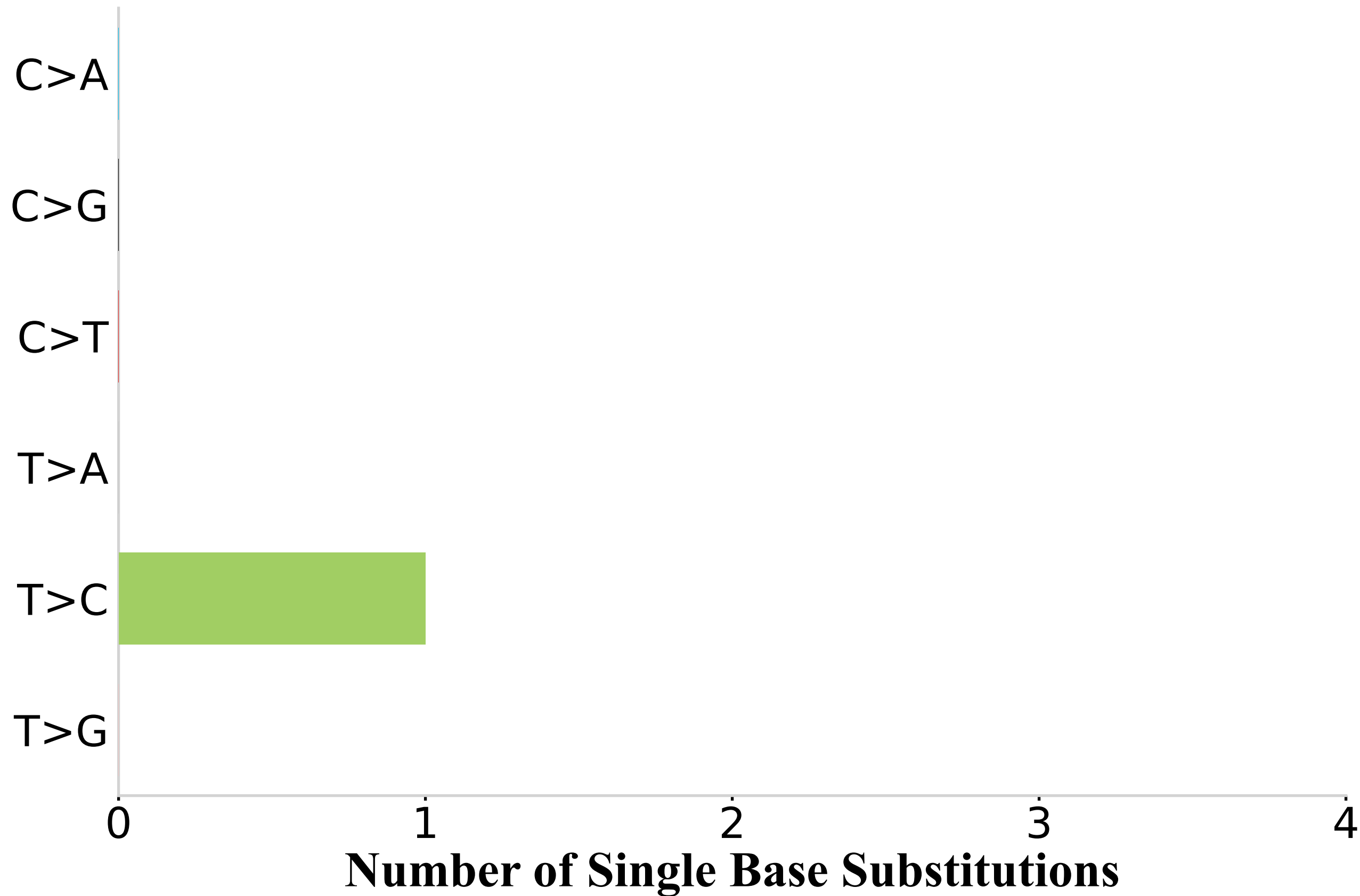
T>G

0

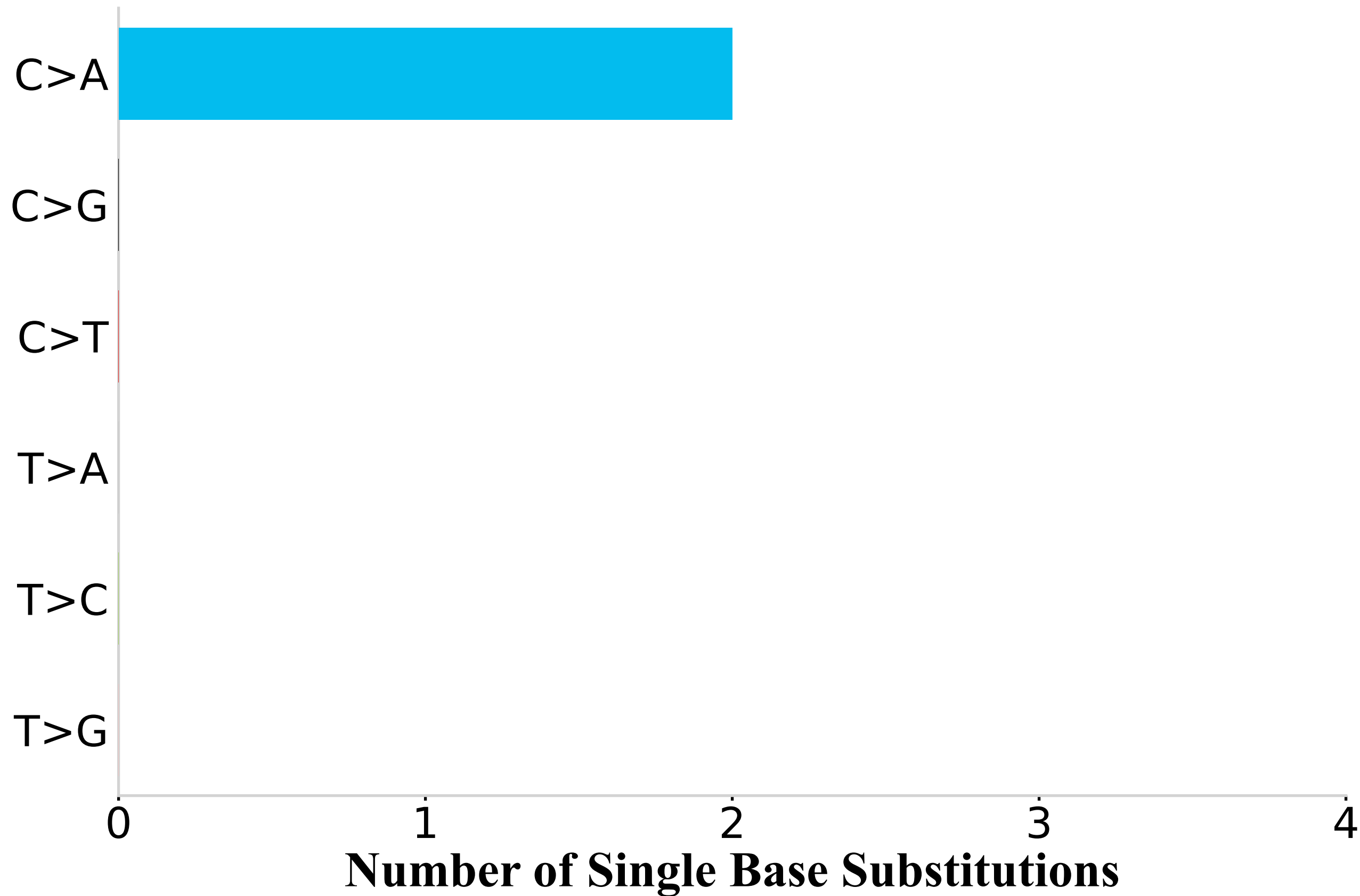
Number of Single Base Substitutions



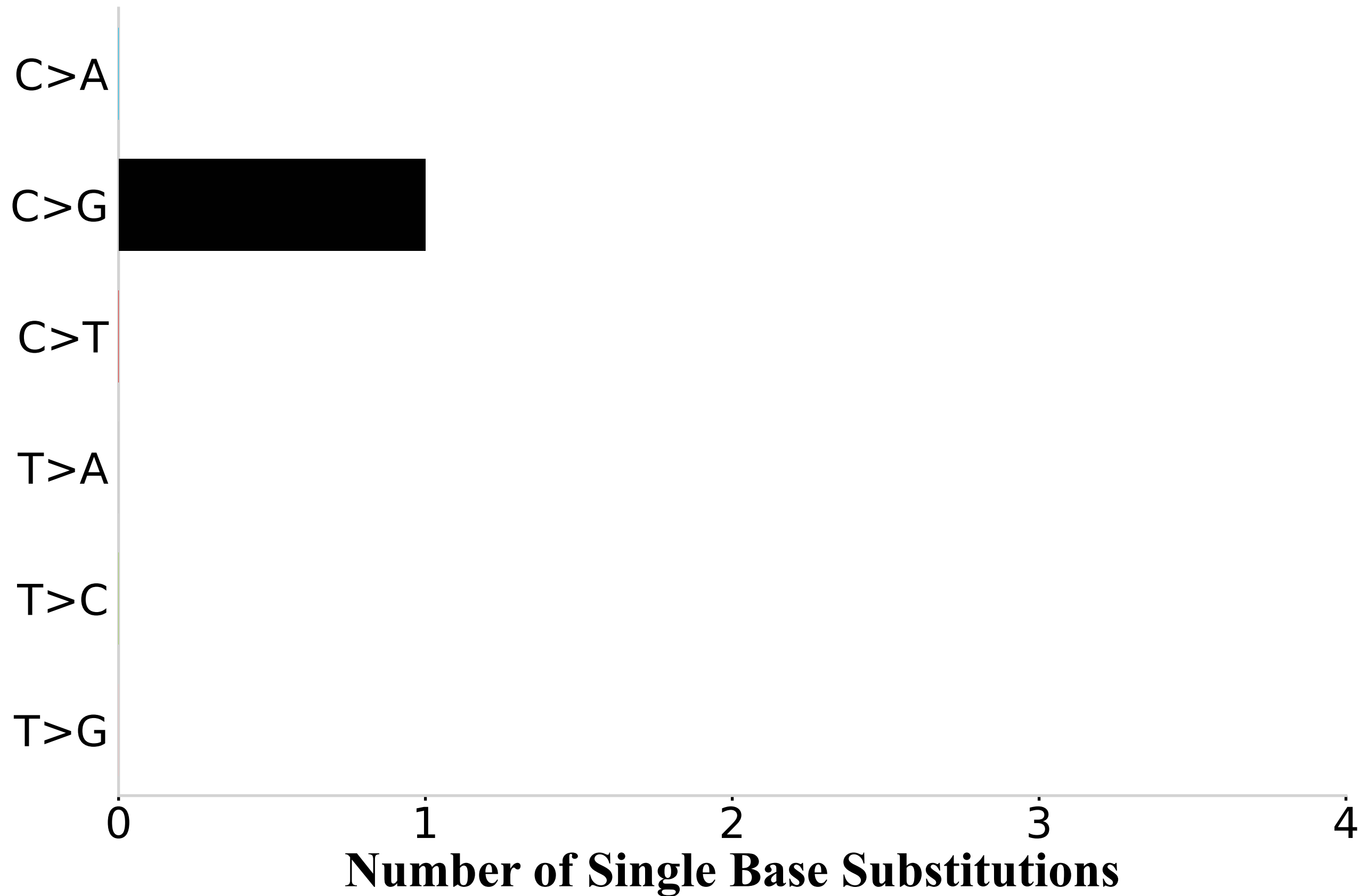
P-0031969-T01-IM6: 1 subs



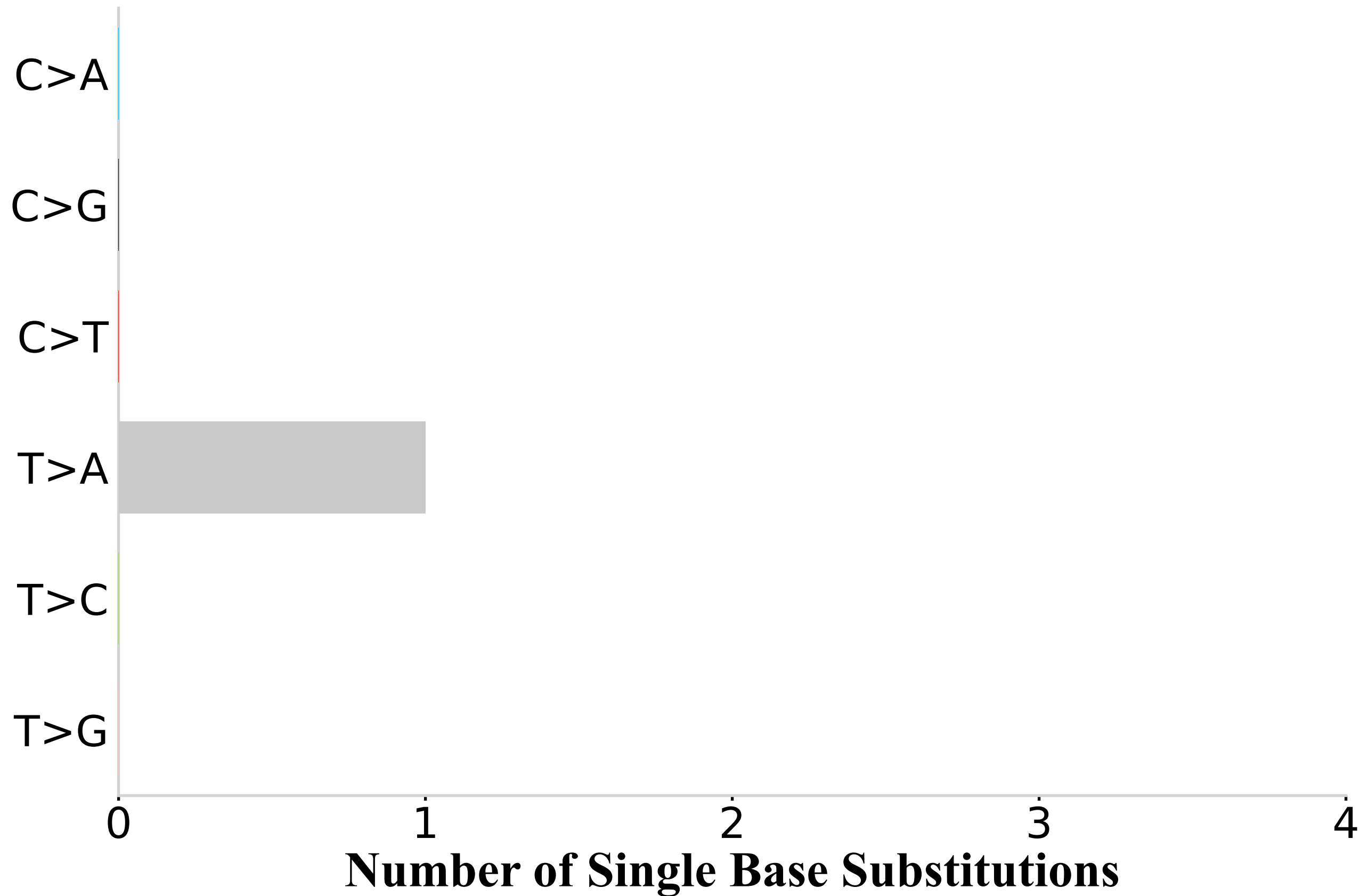
P-0032213-T02-IM6: 2 subs



P-0032319-T01-IM6: 1 subs



P-0032359-T01-IM6: 1 subs



P-0032539-T01-IM6: 0 subs

C>A

C>G

C>T

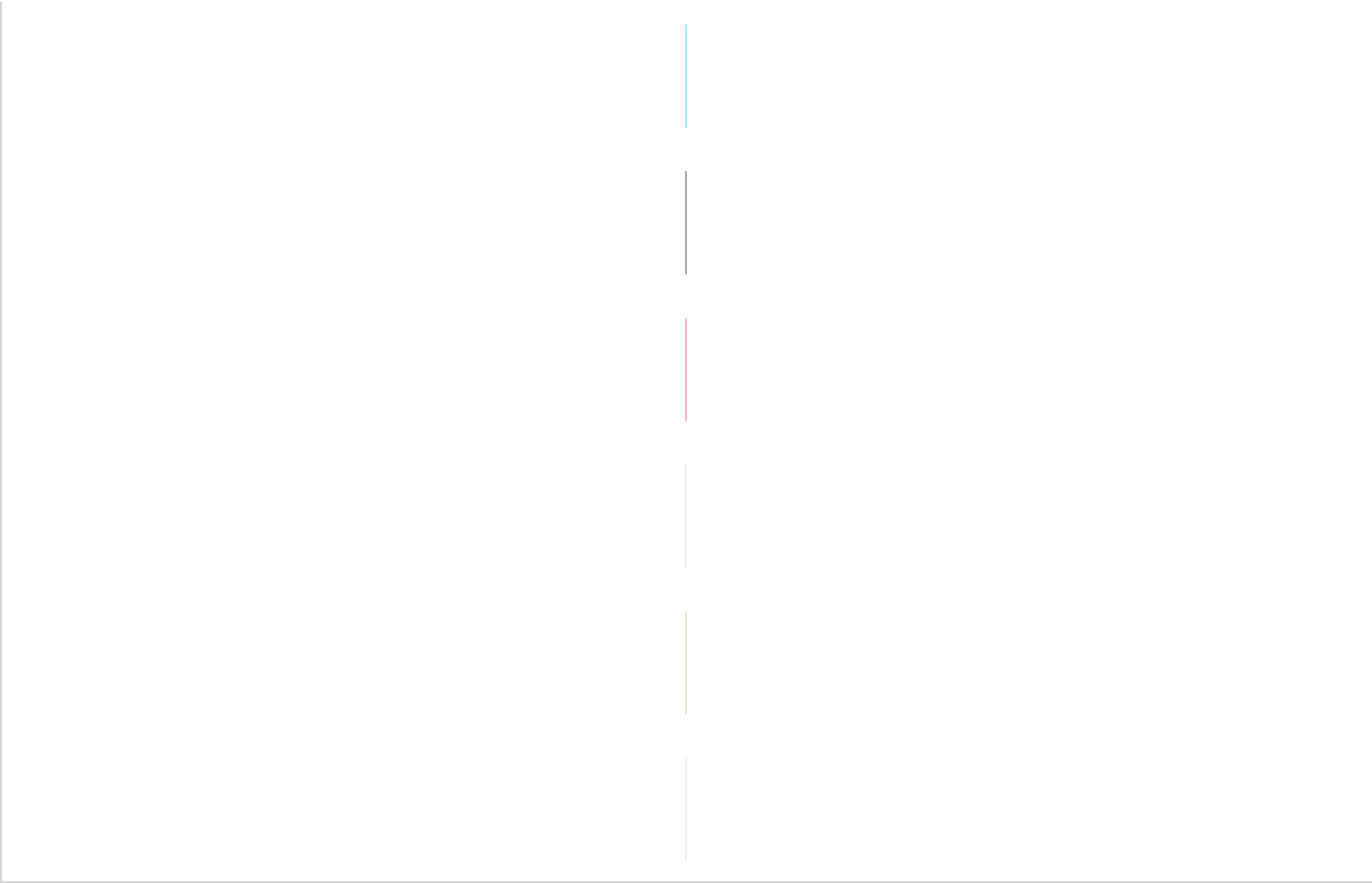
T>A

T>C

T>G

0

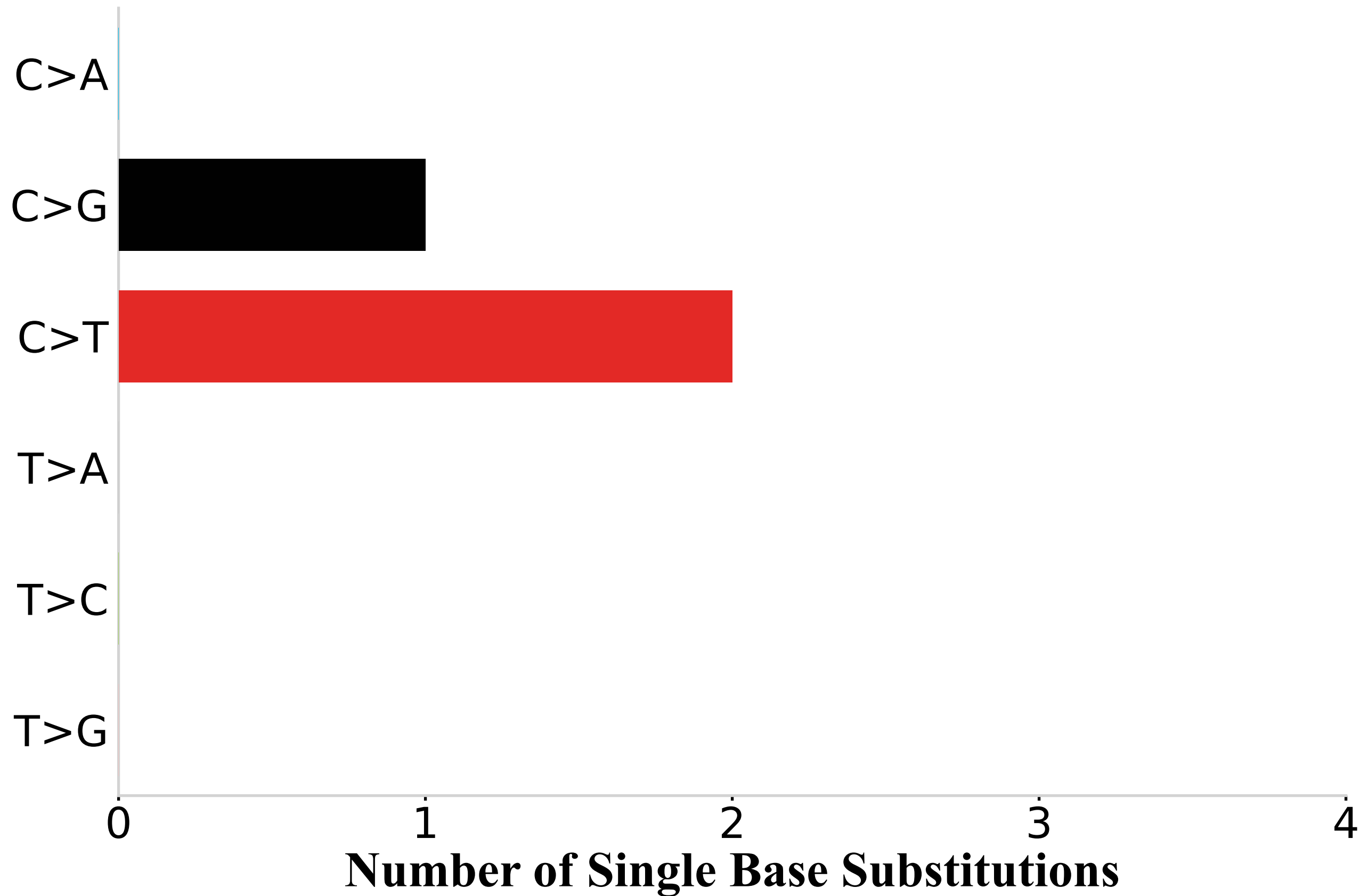
Number of Single Base Substitutions



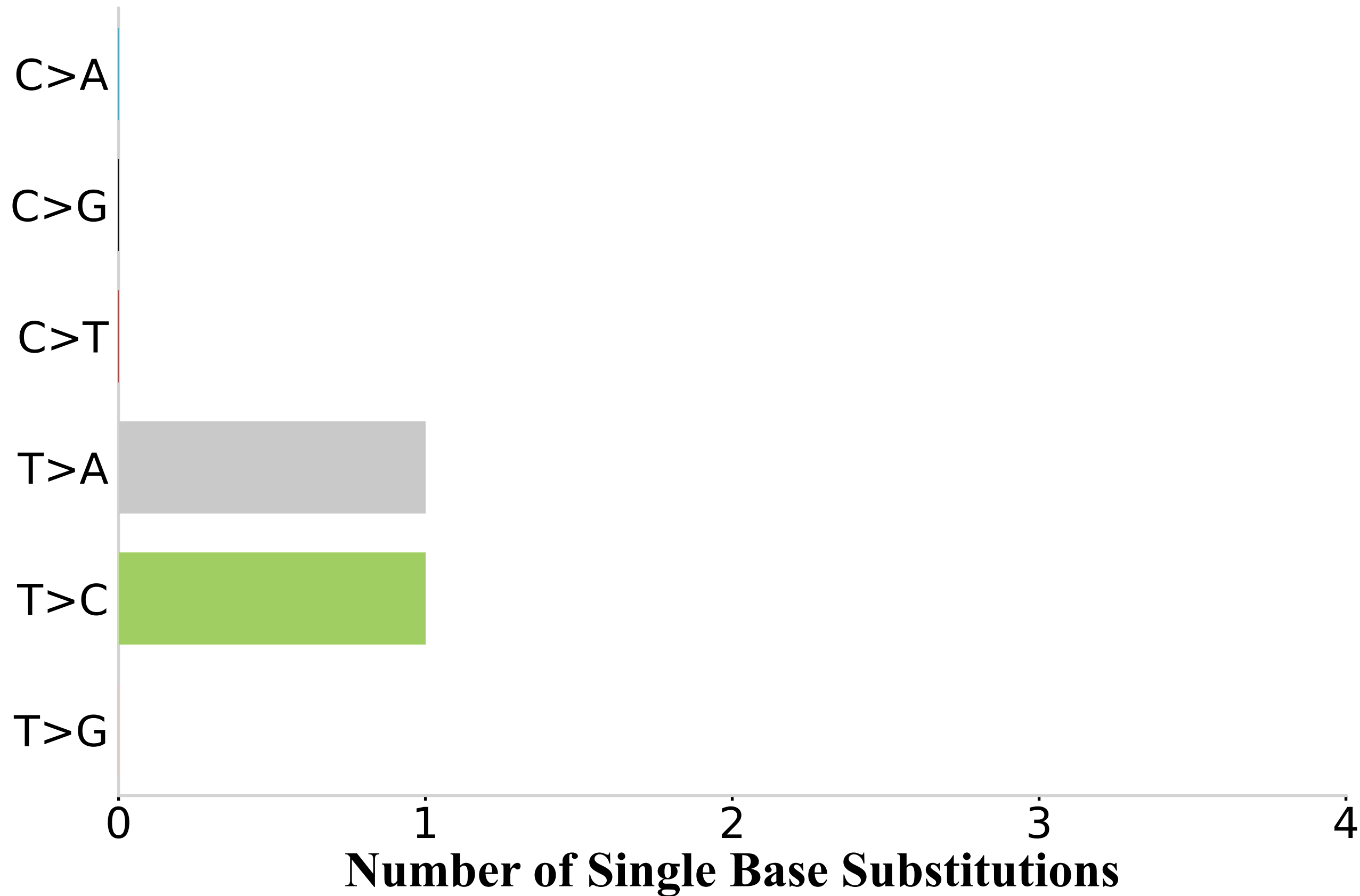
P-0032594-T02-IM6: 1 subs



P-0032636-T01-IM6: 3 subs



P-0032848-T01-IM6: 2 subs



P-0032950-T01-IM6: 0 subs

C>A

C>G

C>T

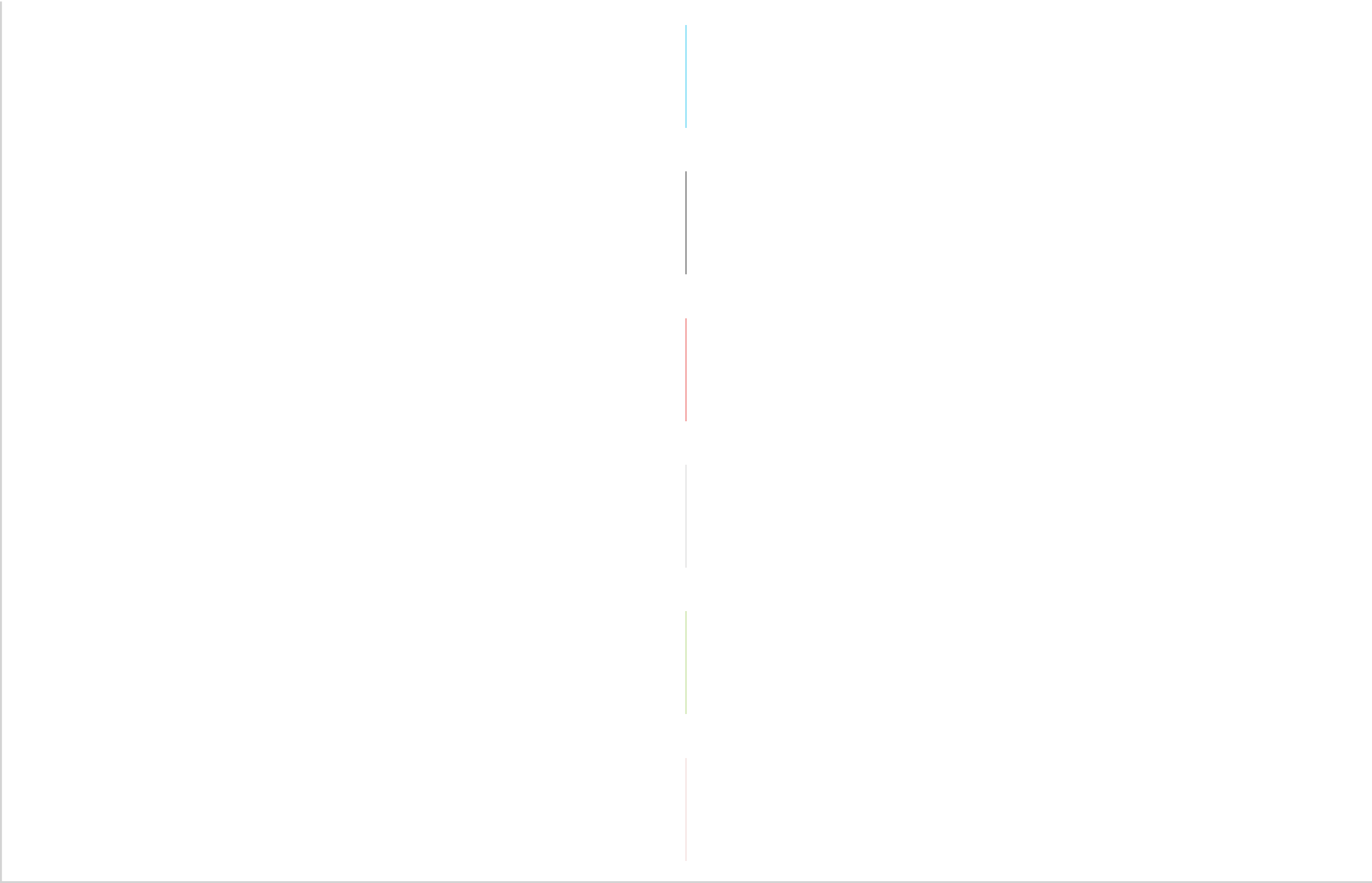
T>A

T>C

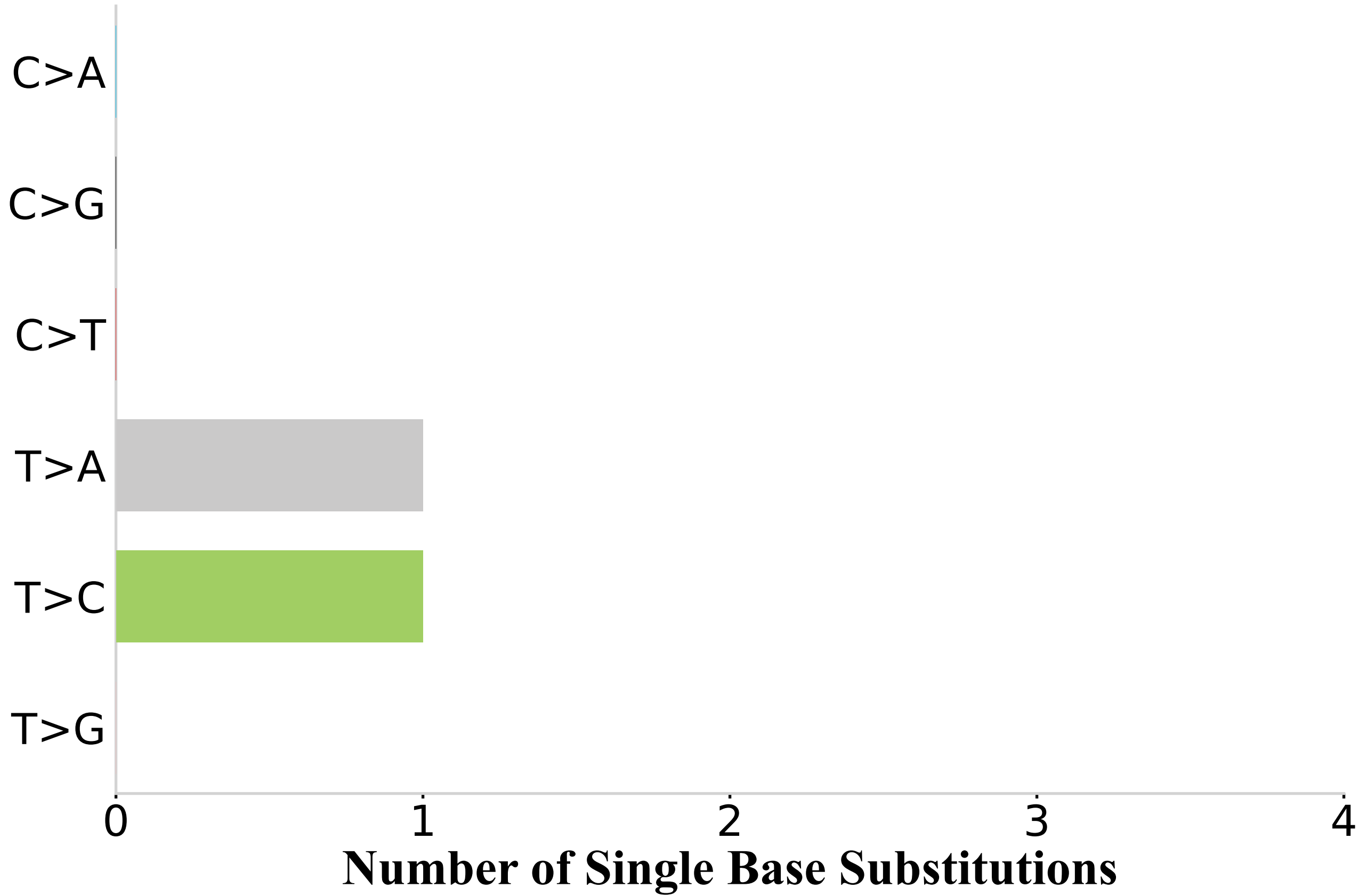
T>G

0

Number of Single Base Substitutions



P-0033188-T01-IM6: 2 subs



P-0033352-T01-IM6: 0 subs

C>A

C>G

C>T

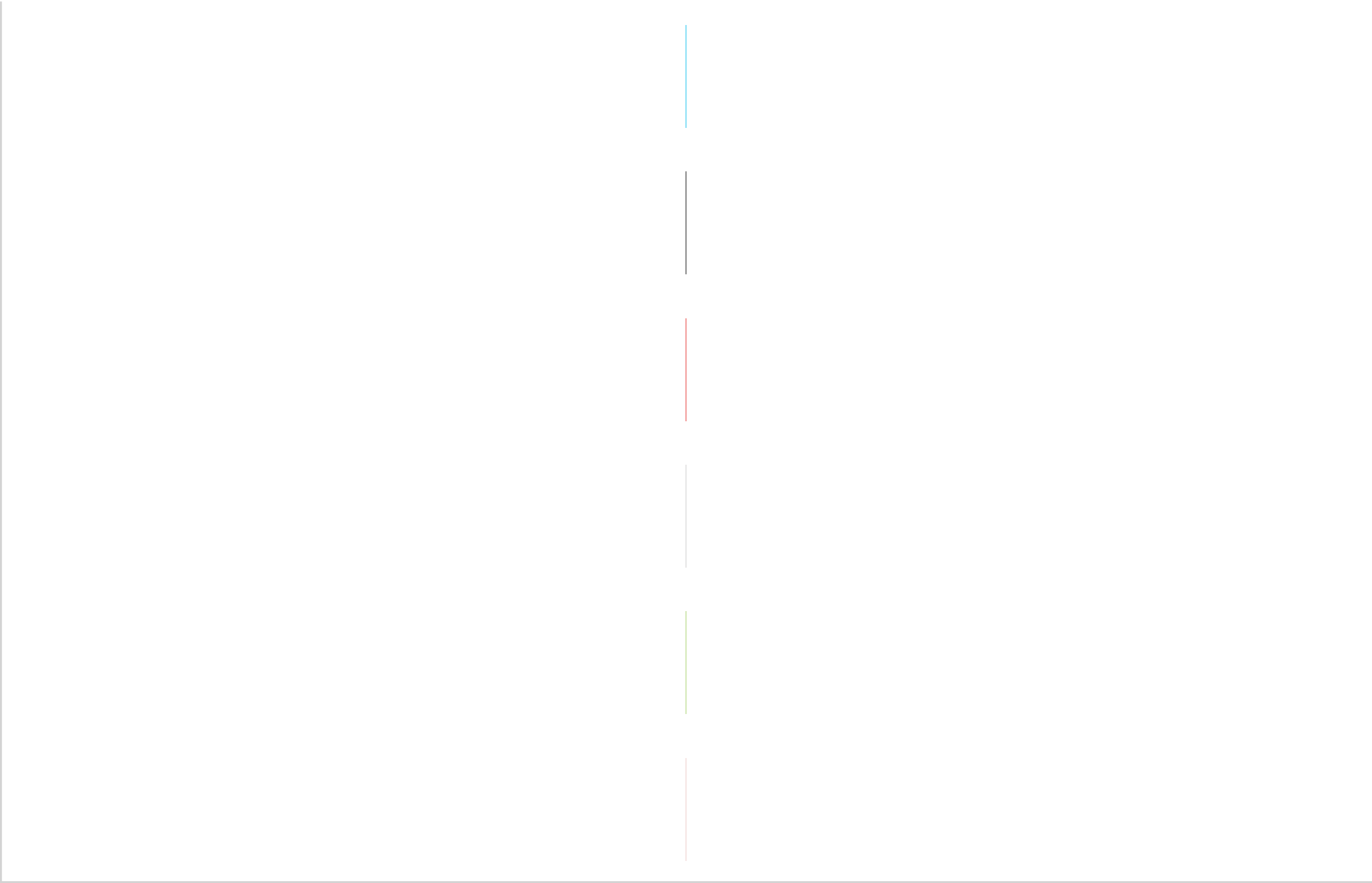
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T>C

T>G

0

Number of Single Base Substitutions



P-0033478-T01-IM6: 0 subs

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C>G

C>T

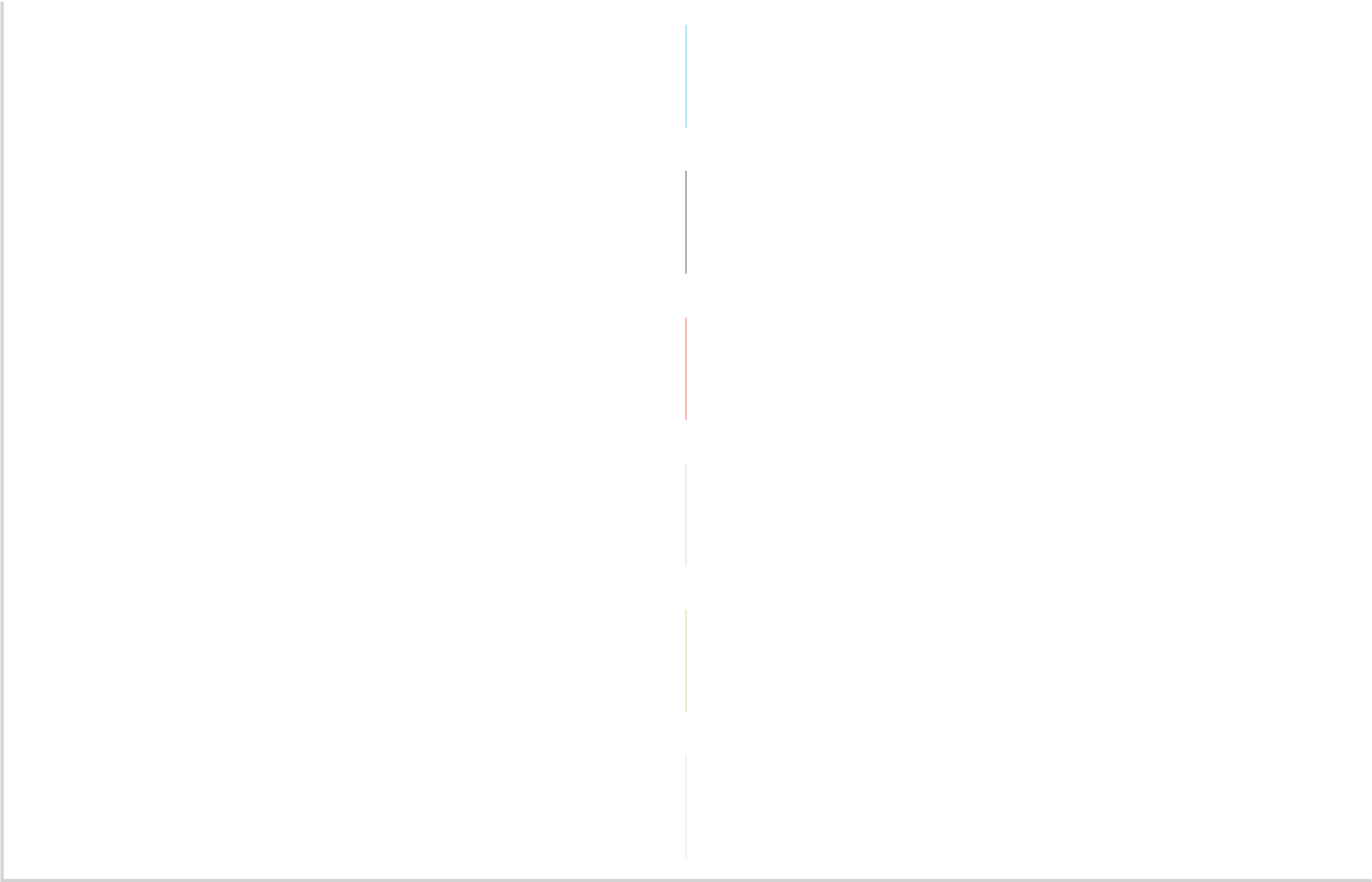
T>A

T>C

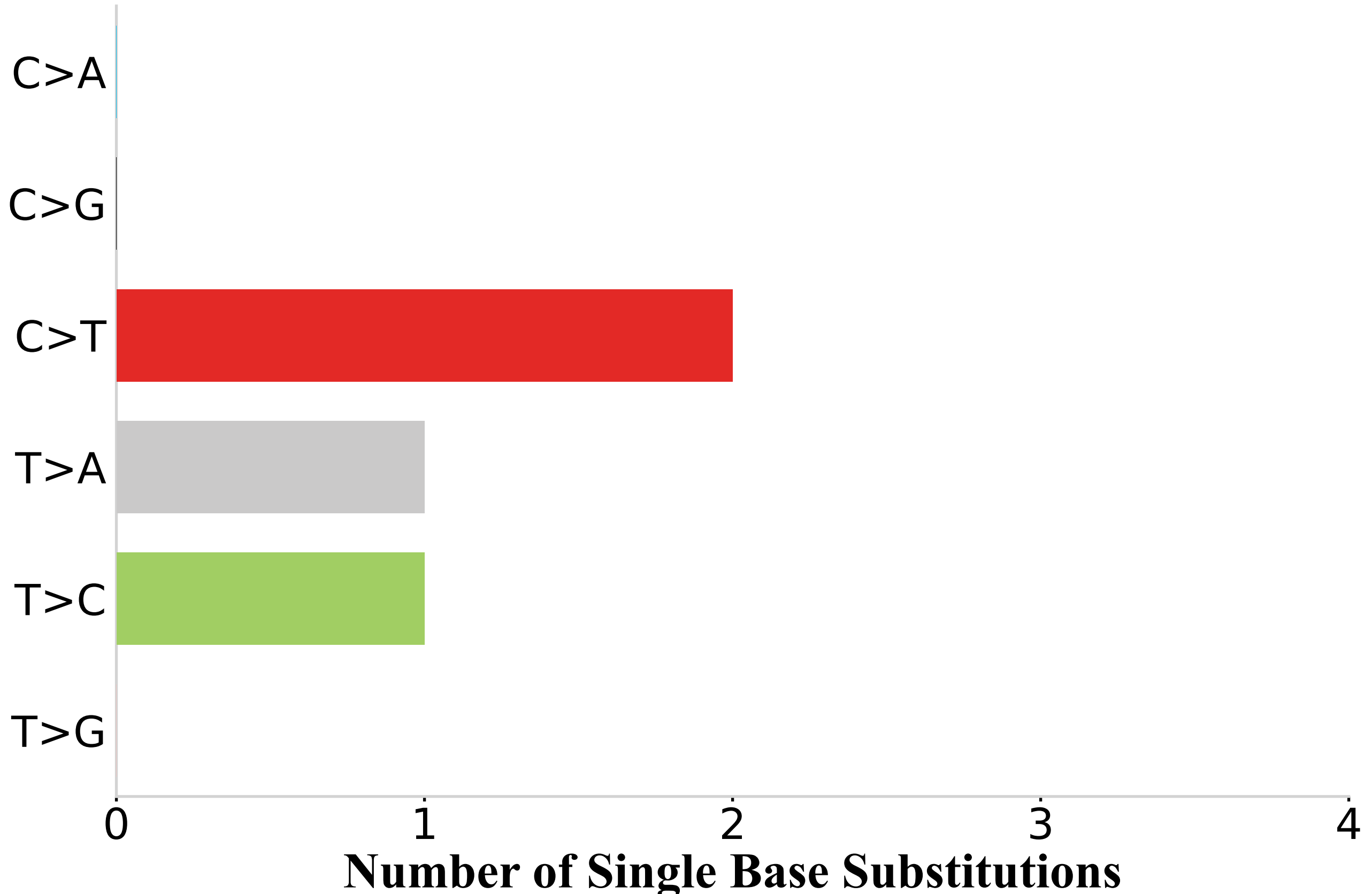
T>G

0

Number of Single Base Substitutions



P-0033833-T01-IM6: 4 subs



P-0034094-T01-IM6: 2 subs



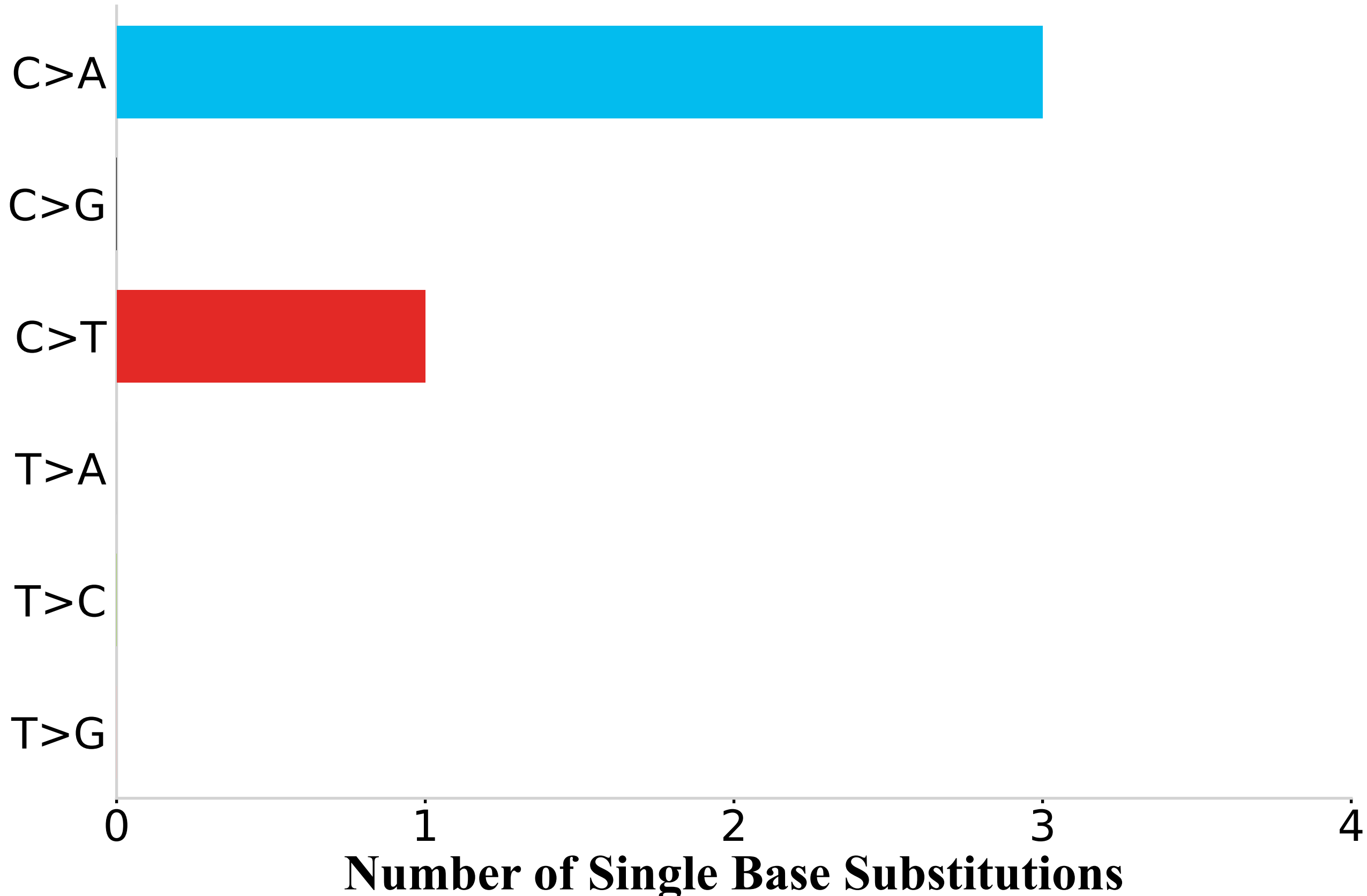
P-0034112-T01-IM6: 0 subs

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

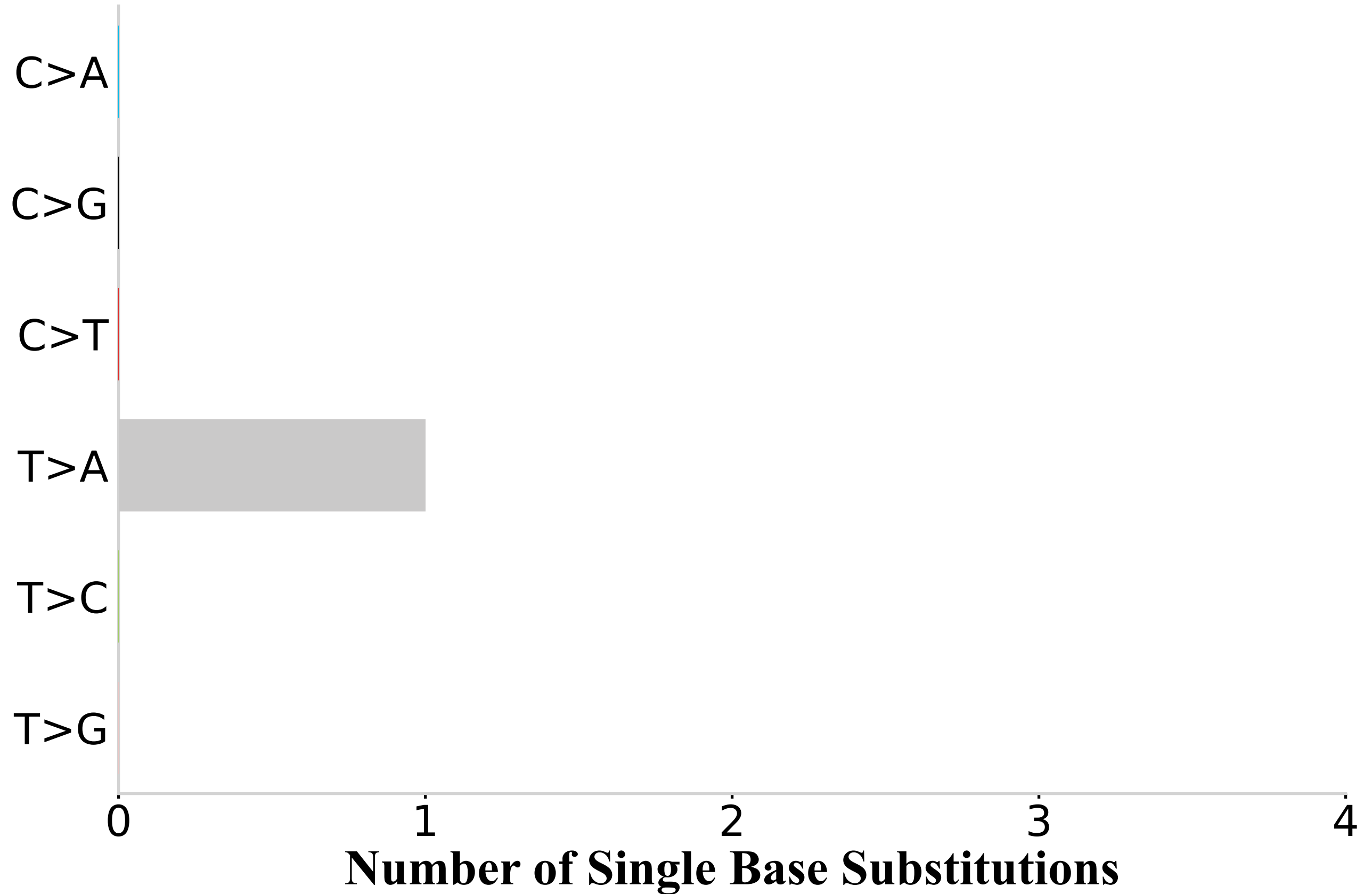


0
Number of Single Base Substitutions

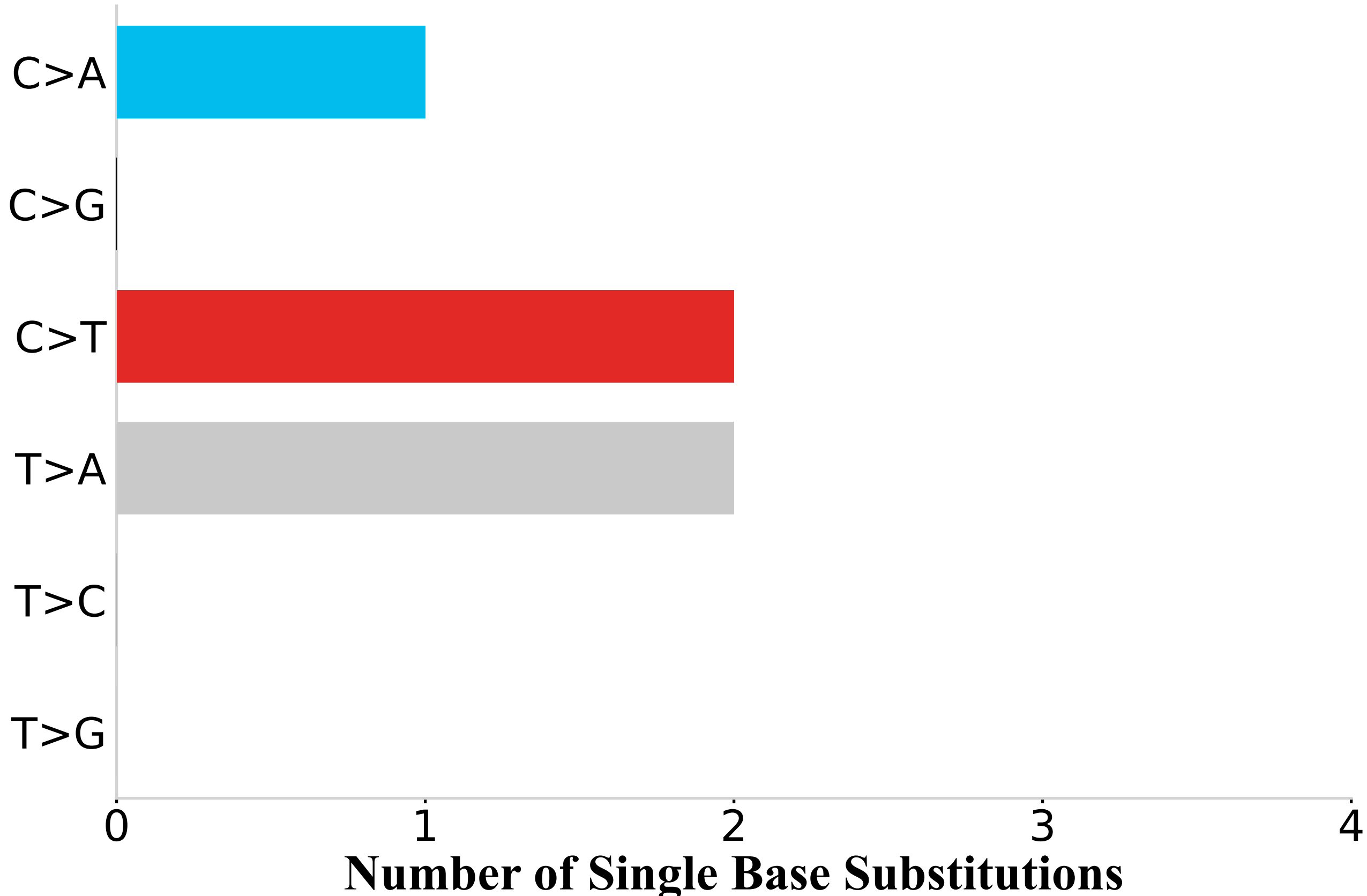
P-0034265-T01-IM6: 4 subs



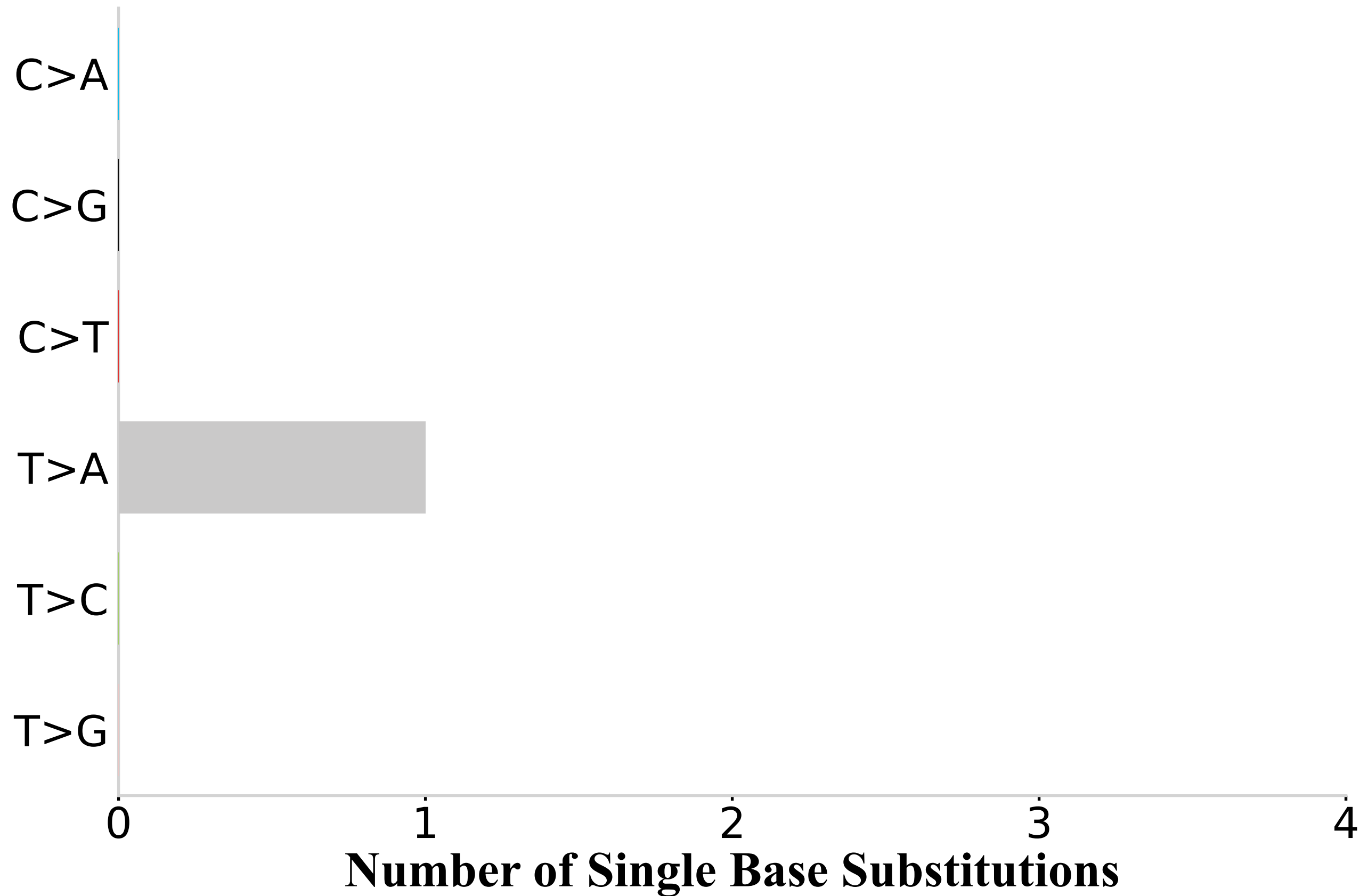
P-0034353-T01-IM6: 1 subs



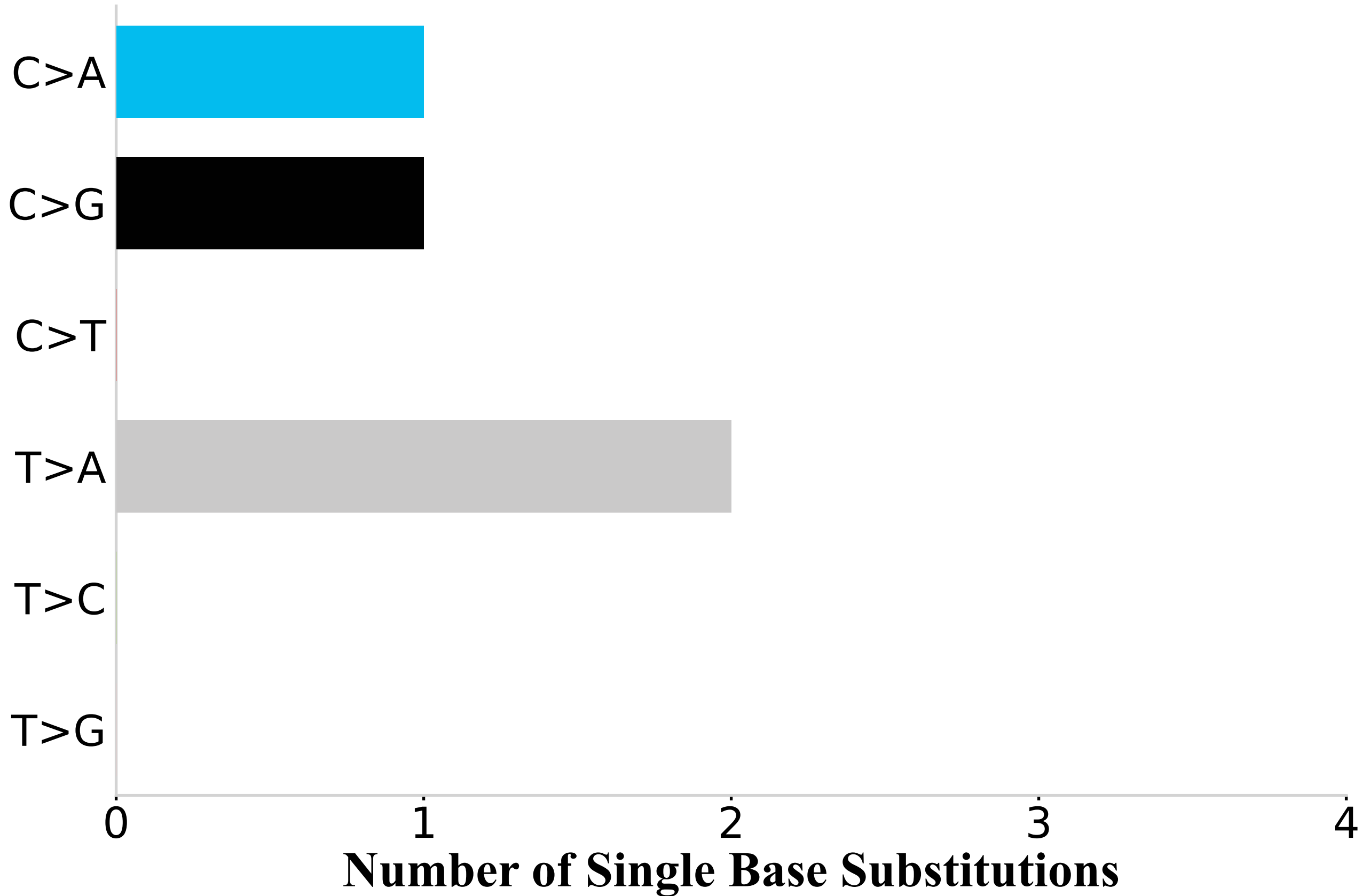
P-0034755-T01-IM6: 5 subs



P-0034856-T01-IM6: 1 subs



P-0035148-T01-IM6: 4 subs



P-0035173-T01-IM6: 1 subs



P-0035271-T01-IM6: 0 subs

C>A

C>G

C>T

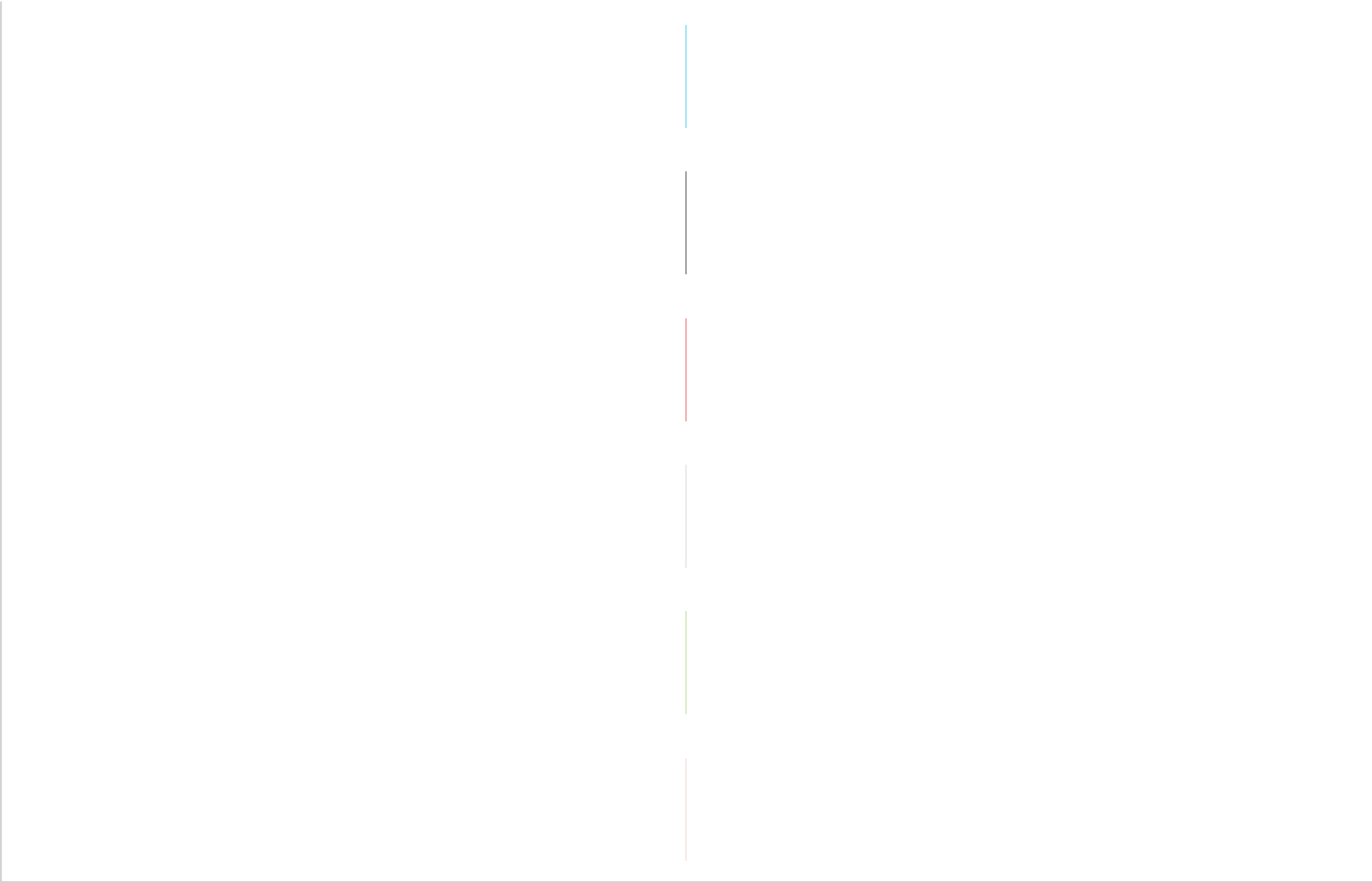
T>A

T>C

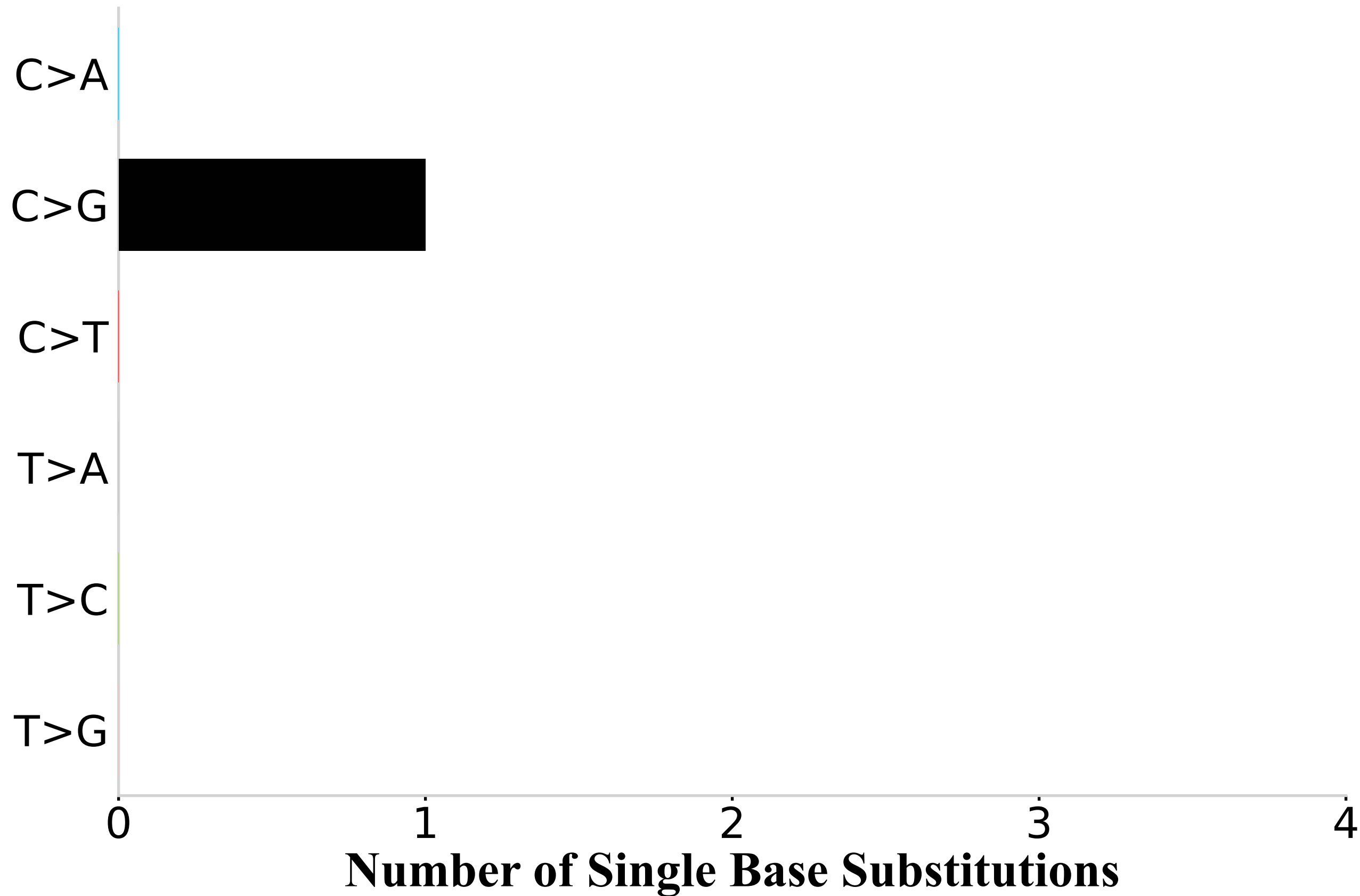
T>G

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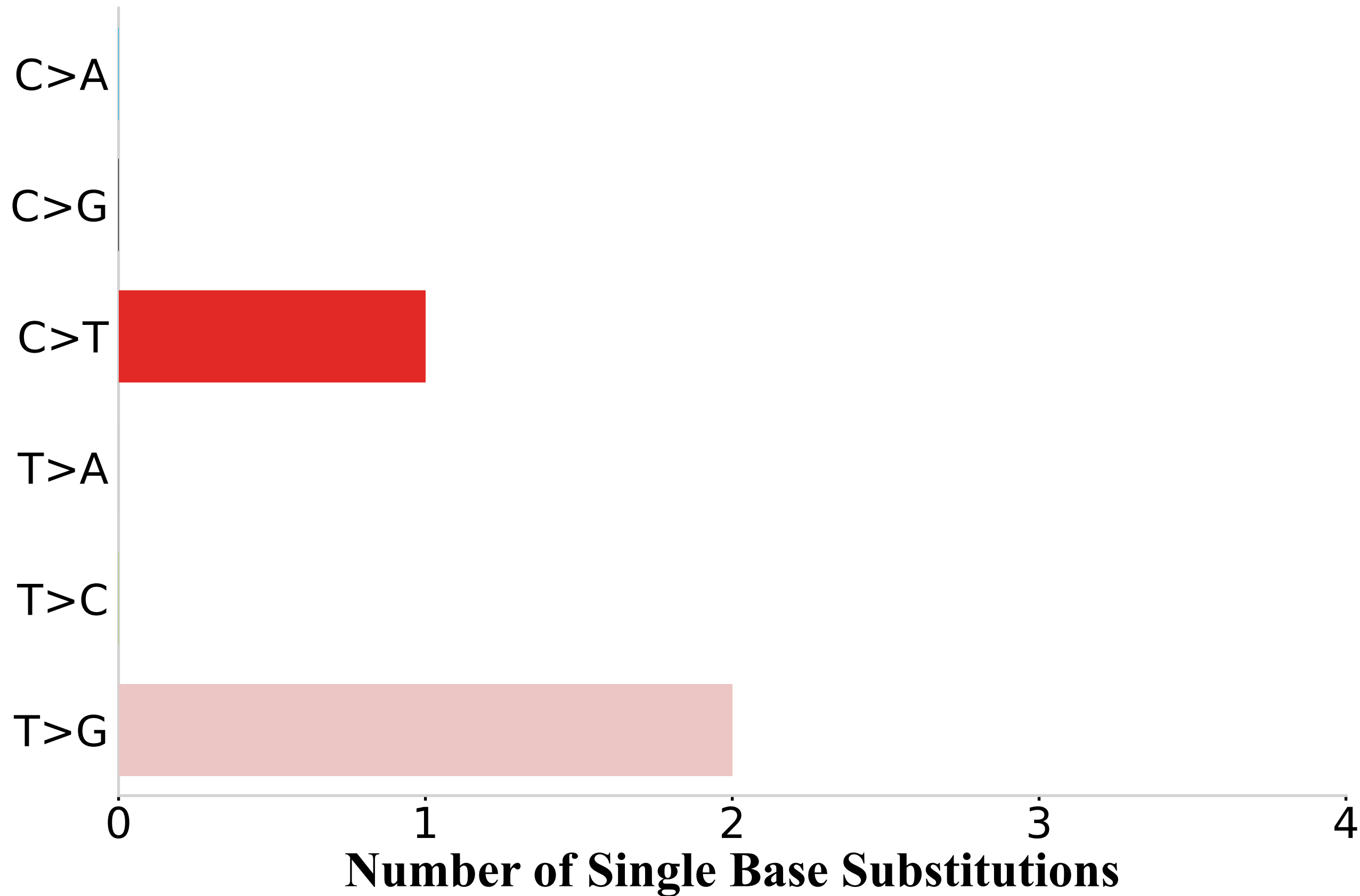
Number of Single Base Substitutions



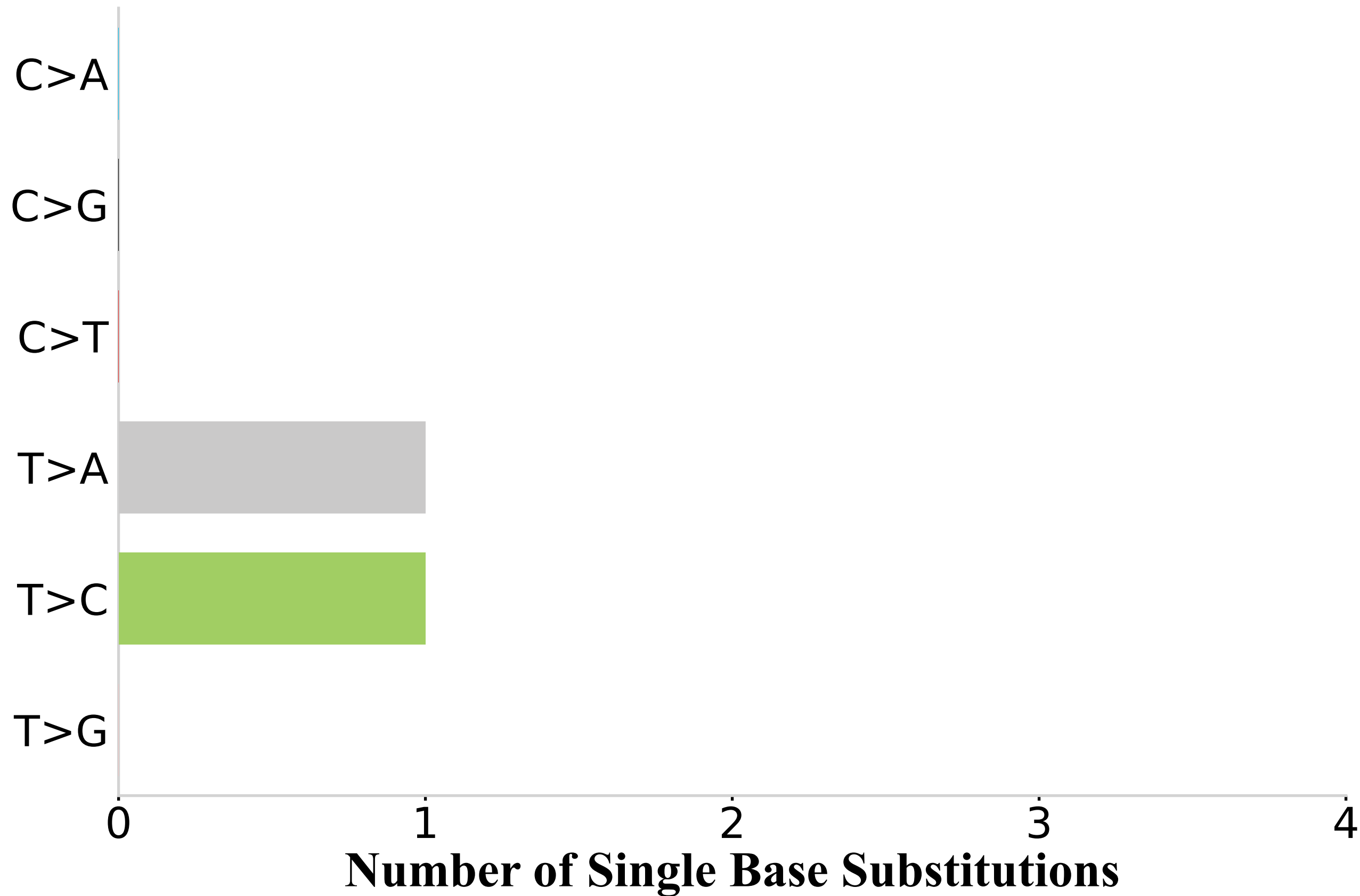
P-0035334-T01-IM6: 1 subs



P-0035576-T01-IM6: 3 subs



P-0035634-T01-IM6: 2 subs



P-0035810-T01-IM6: 0 subs

C>A

C>G

C>T

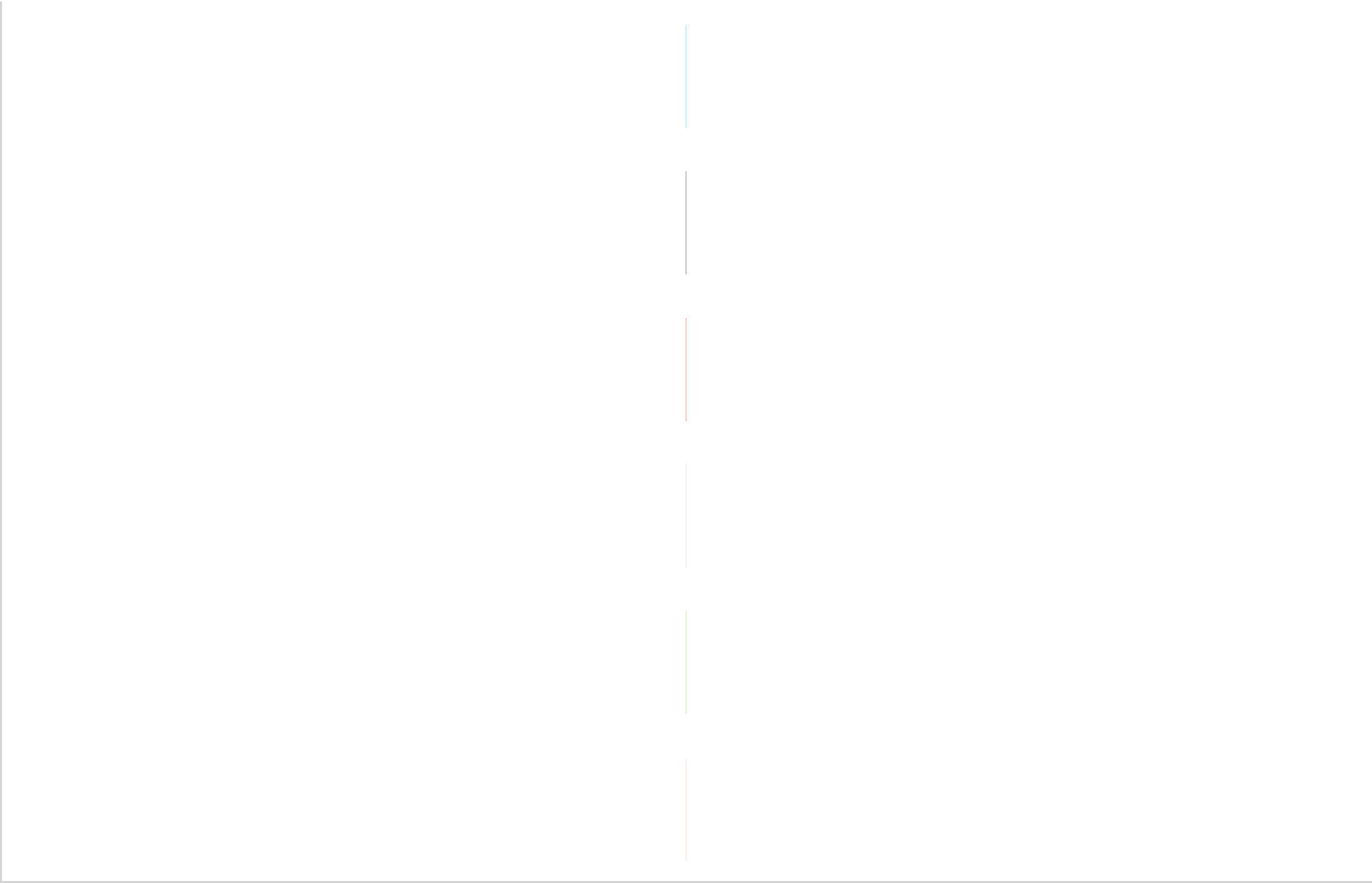
T>A

T>C

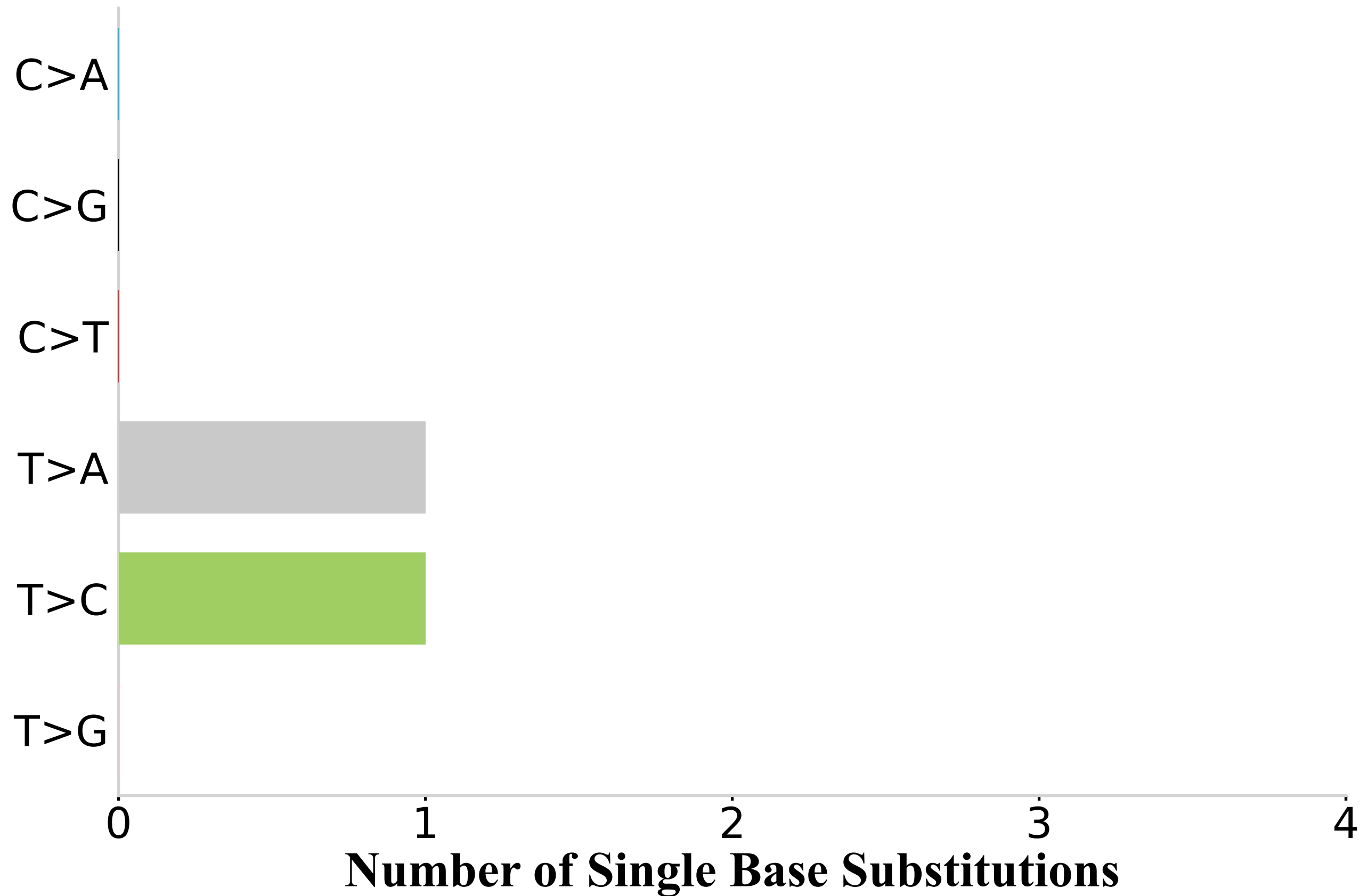
T>G

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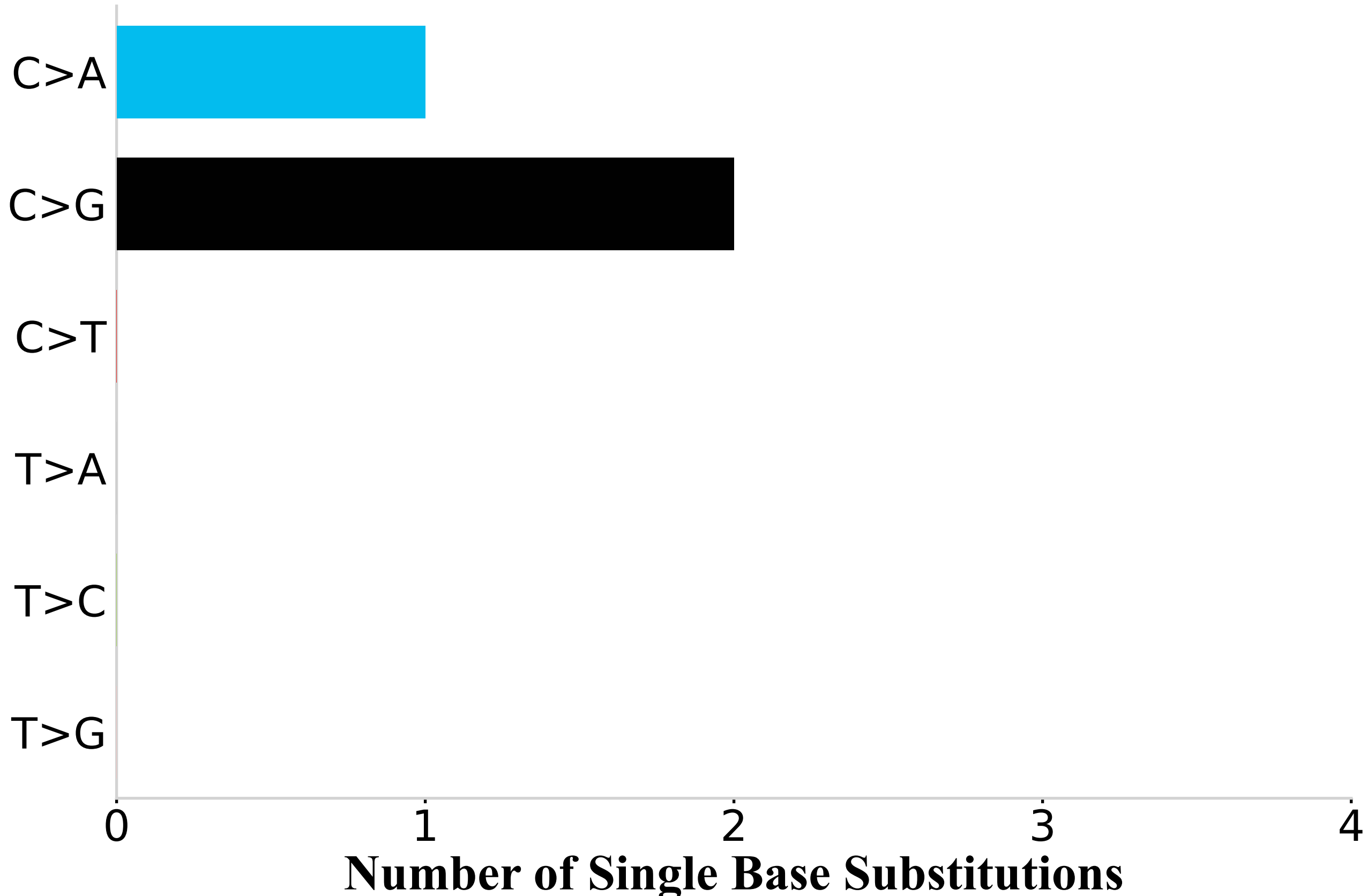
Number of Single Base Substitutions



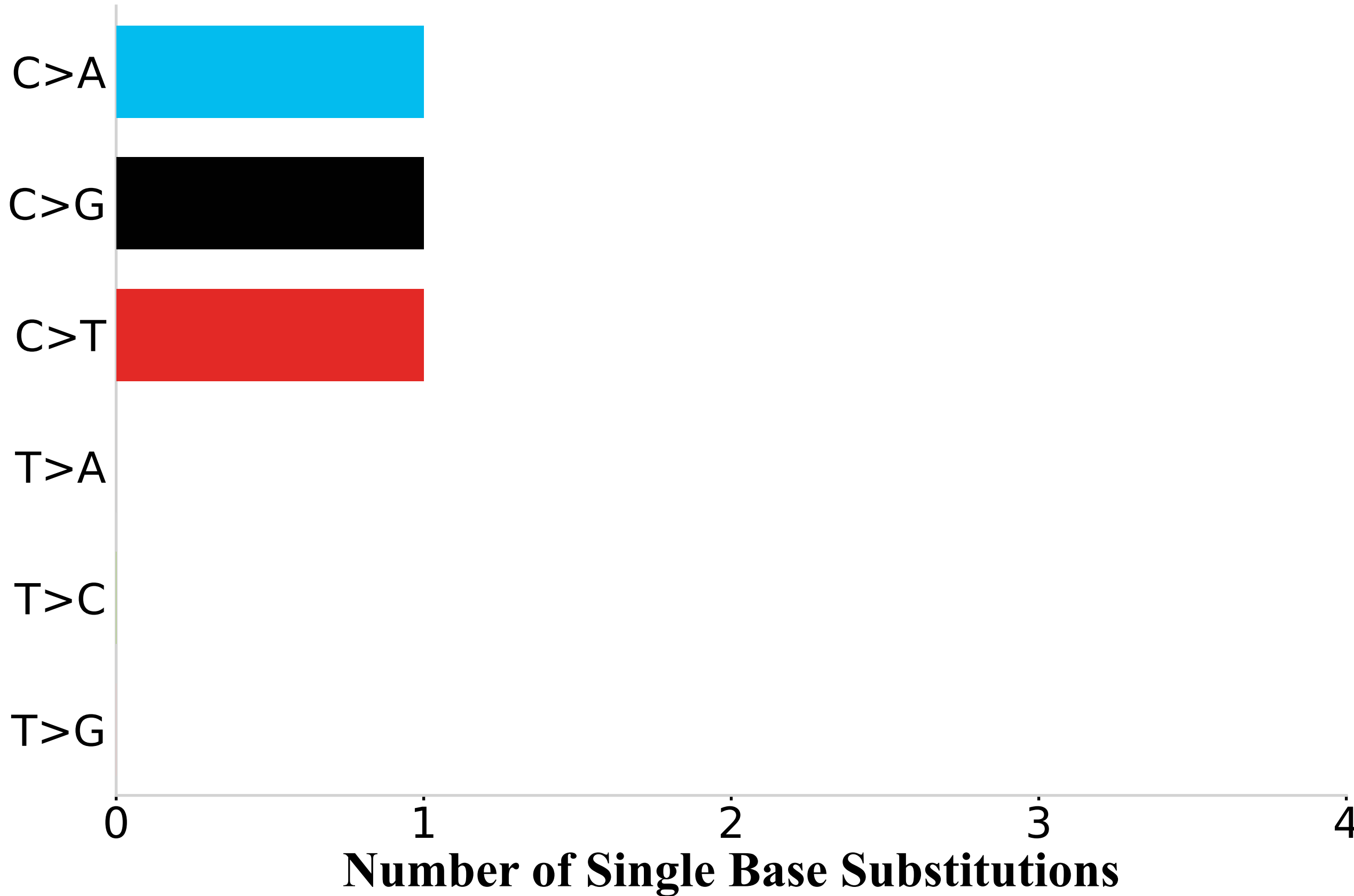
P-0036124-T01-IM6: 2 subs



P-0036219-T01-IM6: 3 subs



P-0036220-T01-IM6: 3 subs



P-0036620-T01-IM6: 0 subs

C>A

C>G

C>T

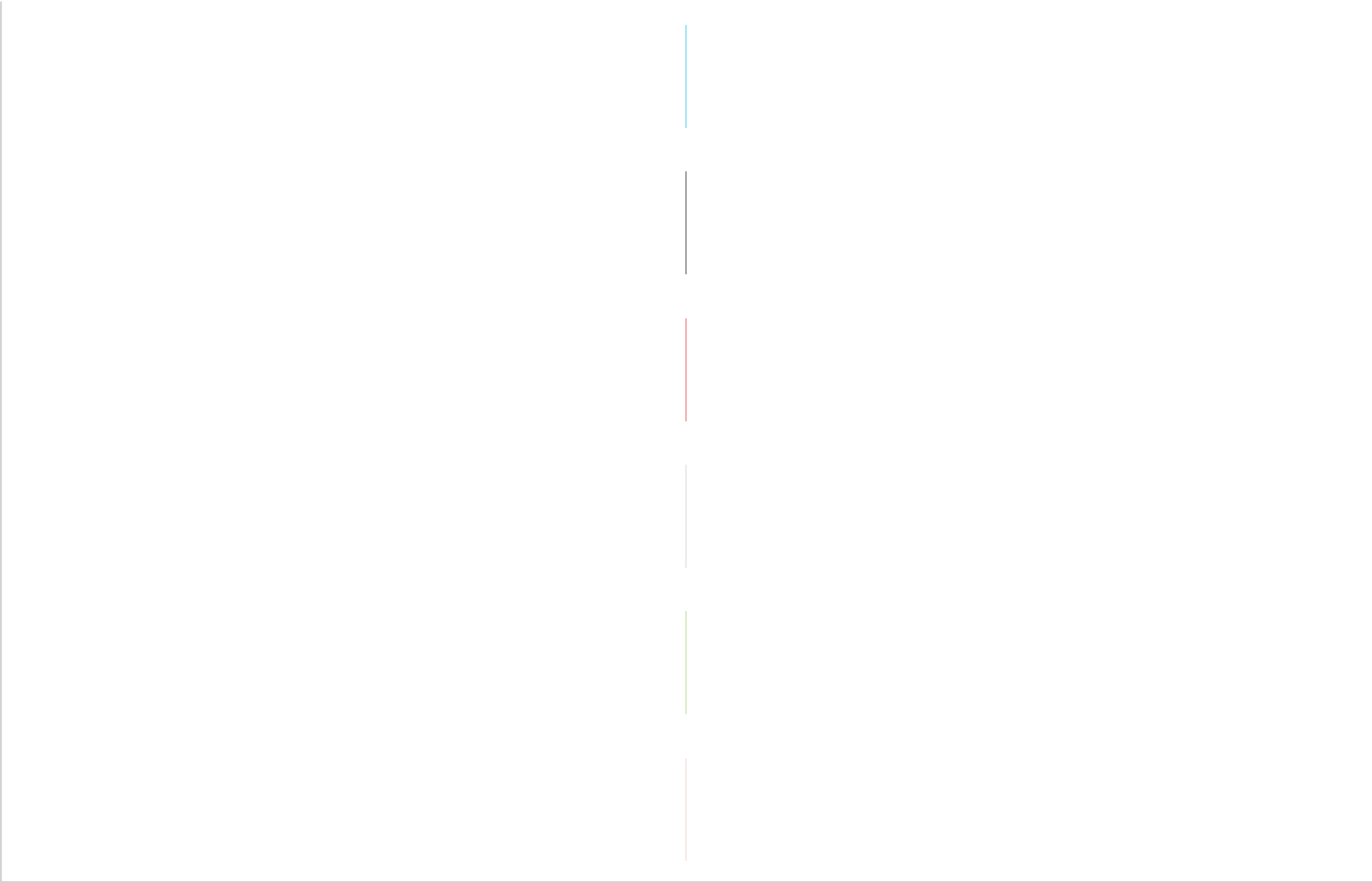
T>A

T>C

T>G

0

Number of Single Base Substitutions



P-0037004-T01-IM6: 0 subs

C>A

C>G

C>T

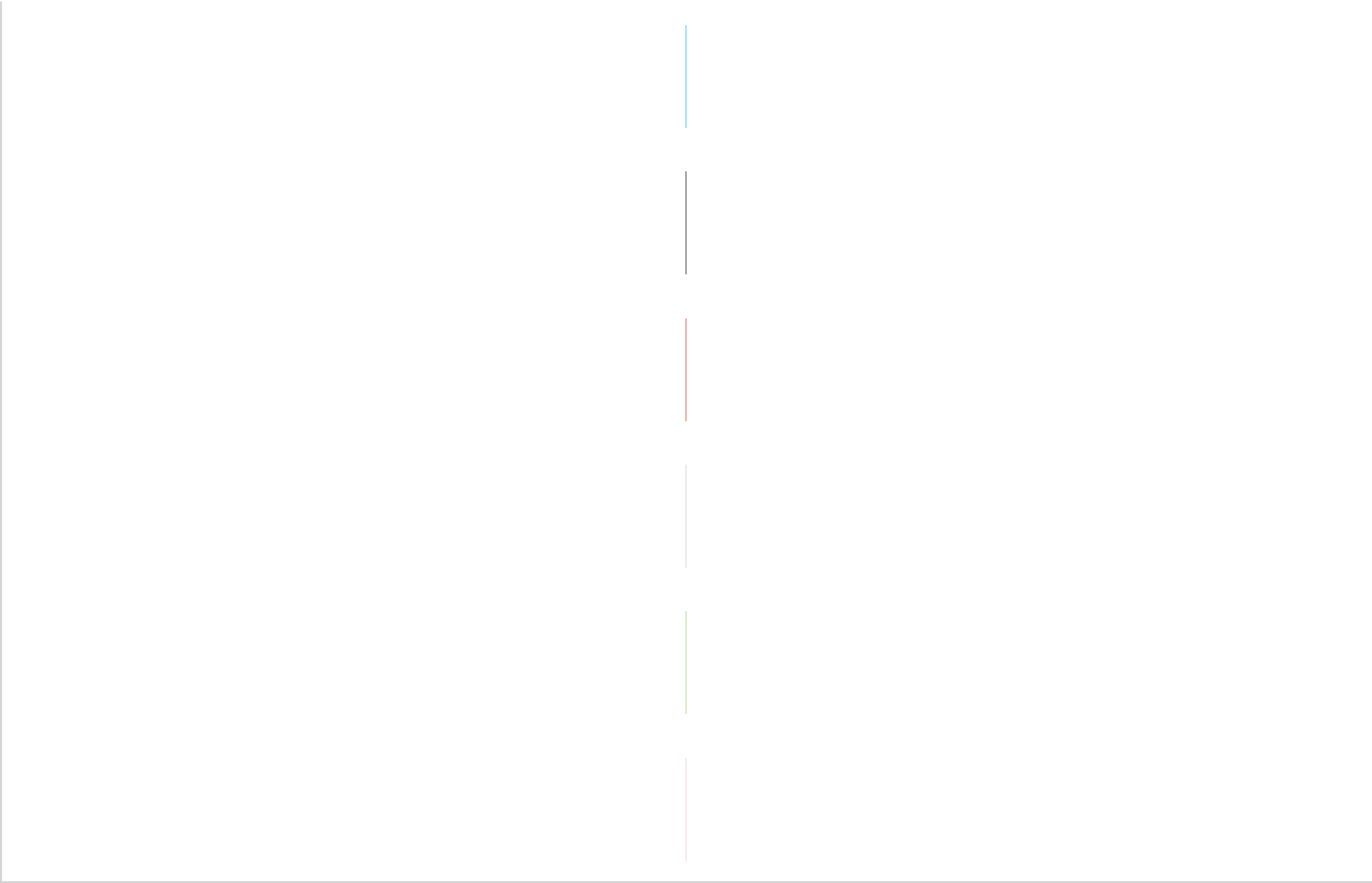
T>A

T>C

T>G

0

Number of Single Base Substitutions



P-0037156-T01-IM6: 0 subs

C>A

C>G

C>T

T>A

T>C

T>G

0

Number of Single Base Substitutions



P-0037280-T01-IM6: 0 subs

C>A

C>G

C>T

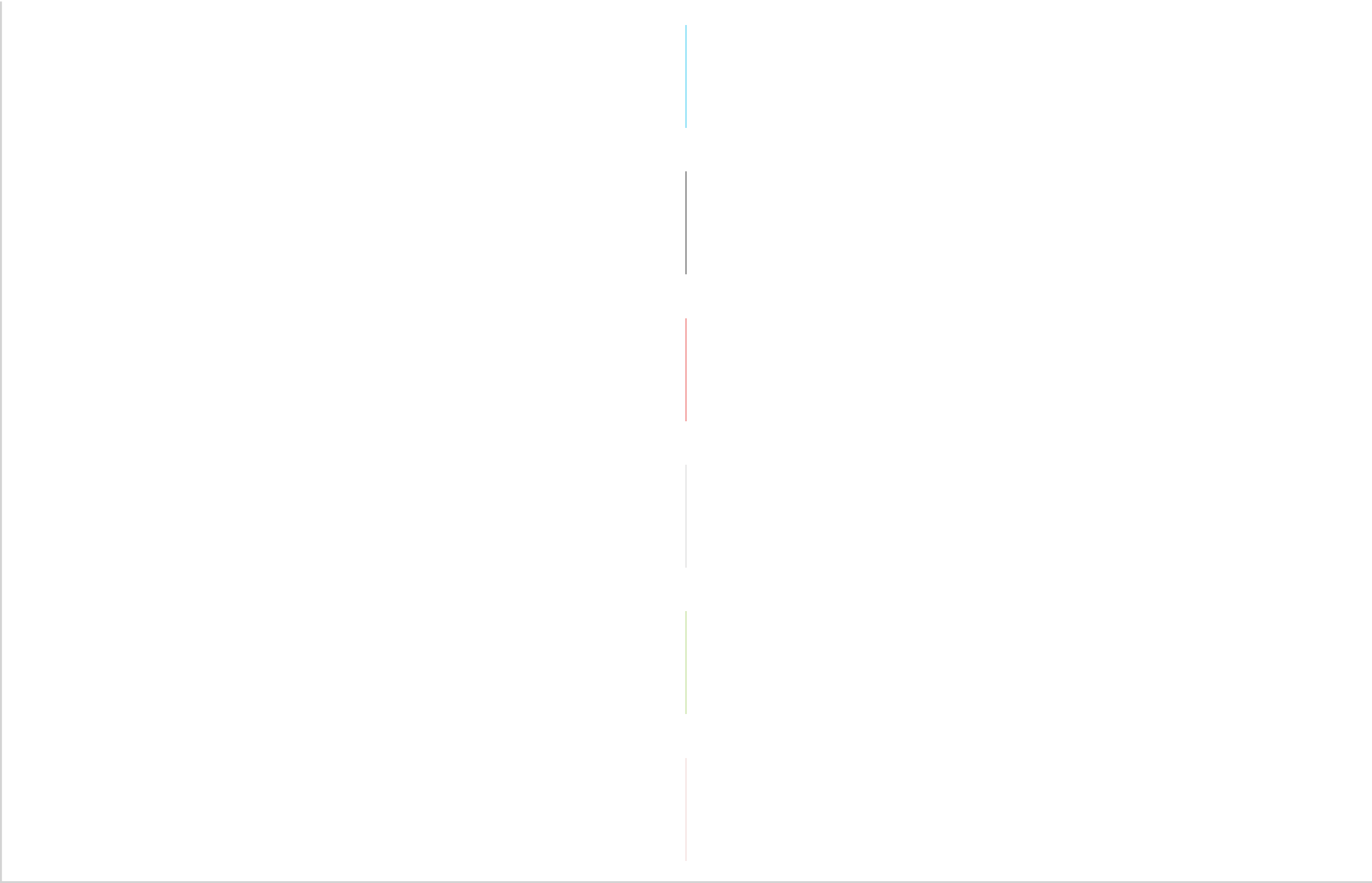
T>A

T>C

T>G

0

Number of Single Base Substitutions



P-0037282-T01-IM6: 0 subs

C>A

C>G

C>T

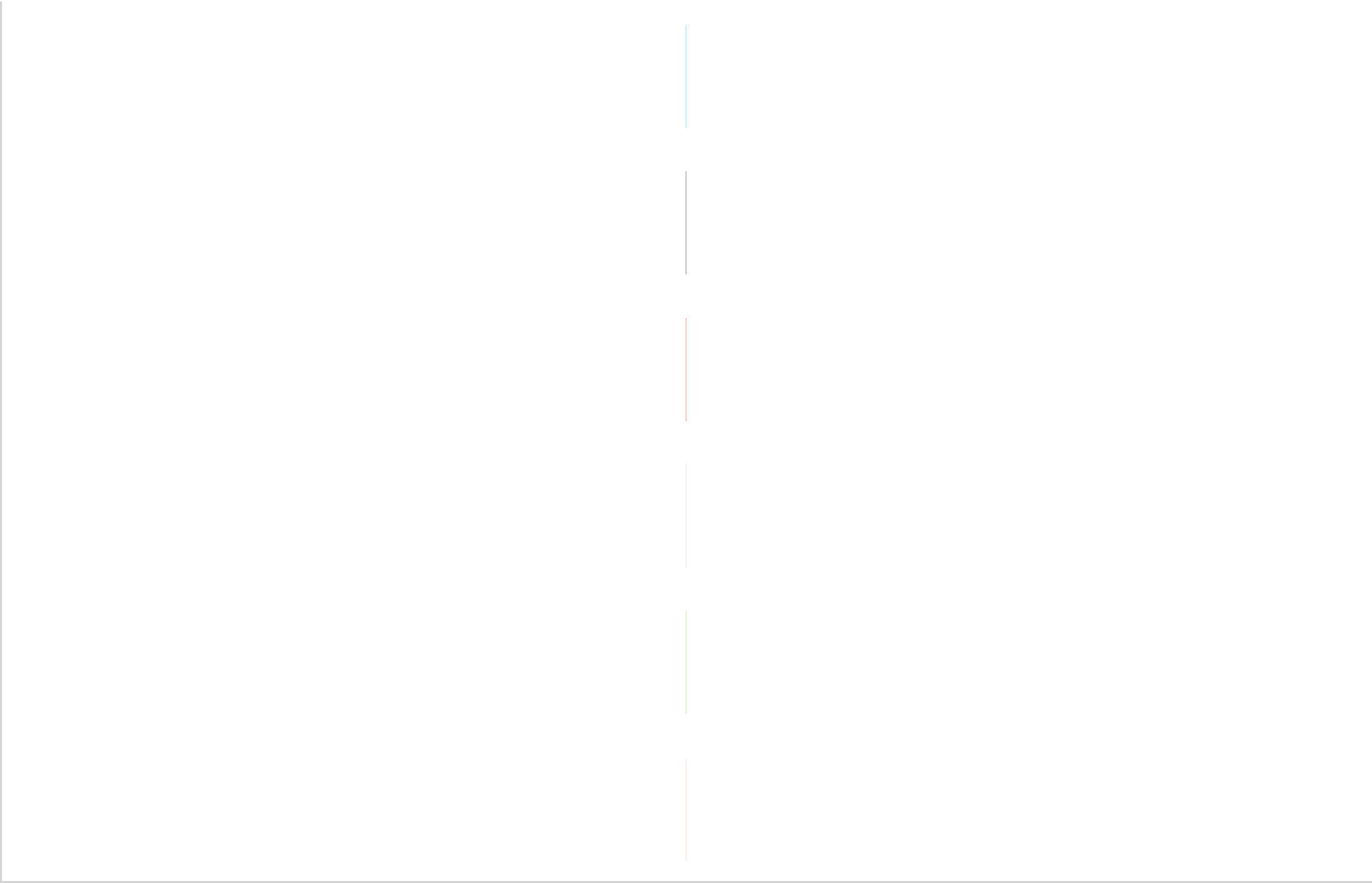
T>A

T>C

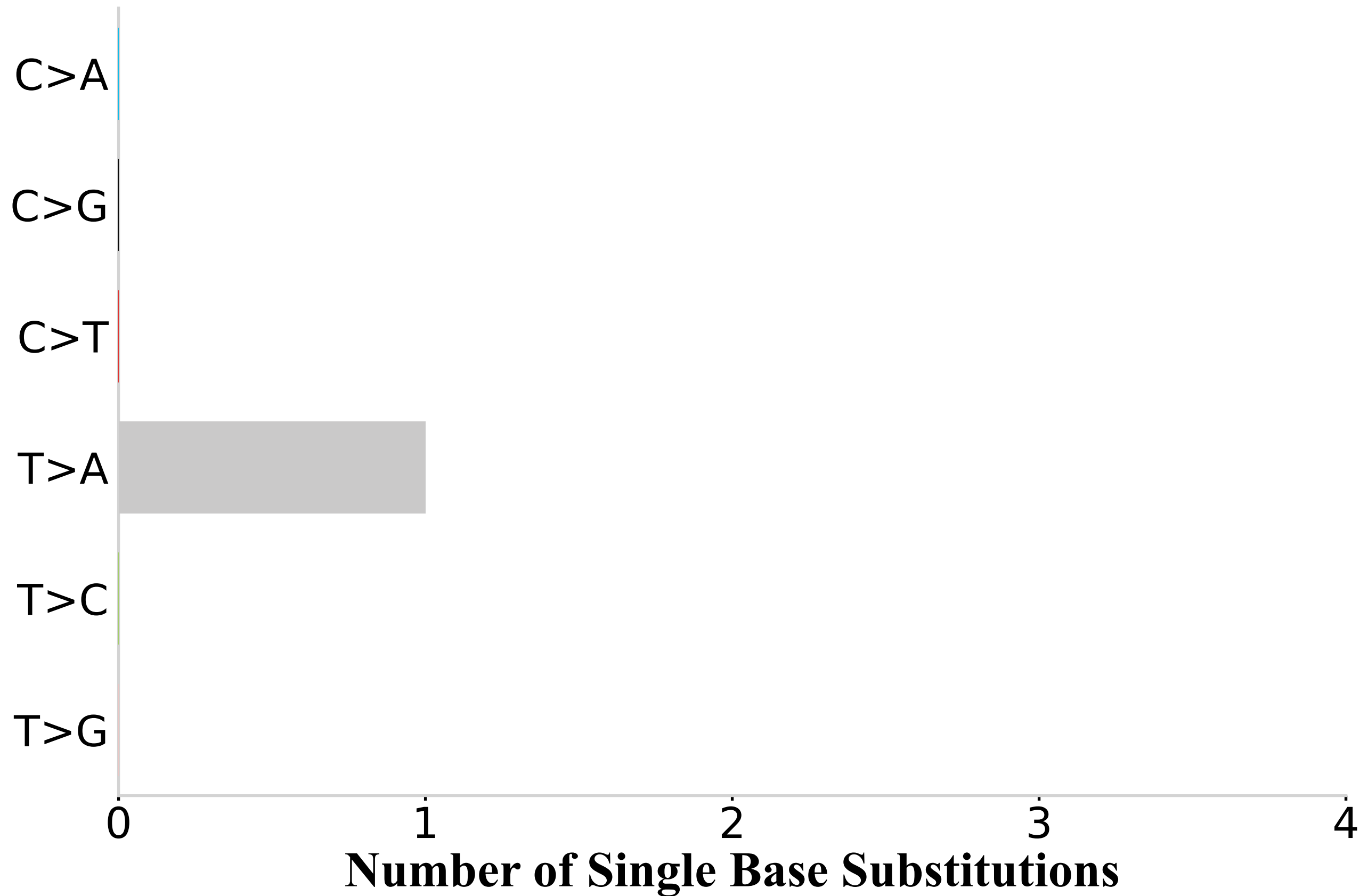
T>G

0

Number of Single Base Substitutions



P-0037285-T01-IM6: 1 subs



P-0037522-T01-IM6: 0 subs

C>A

C>G

C>T

T>A

T>C

T>G

0

Number of Single Base Substitutions



P-0037672-T01-IM6: 1 subs



P-0037697-T01-IM6: 0 subs

C>A

C>G

C>T

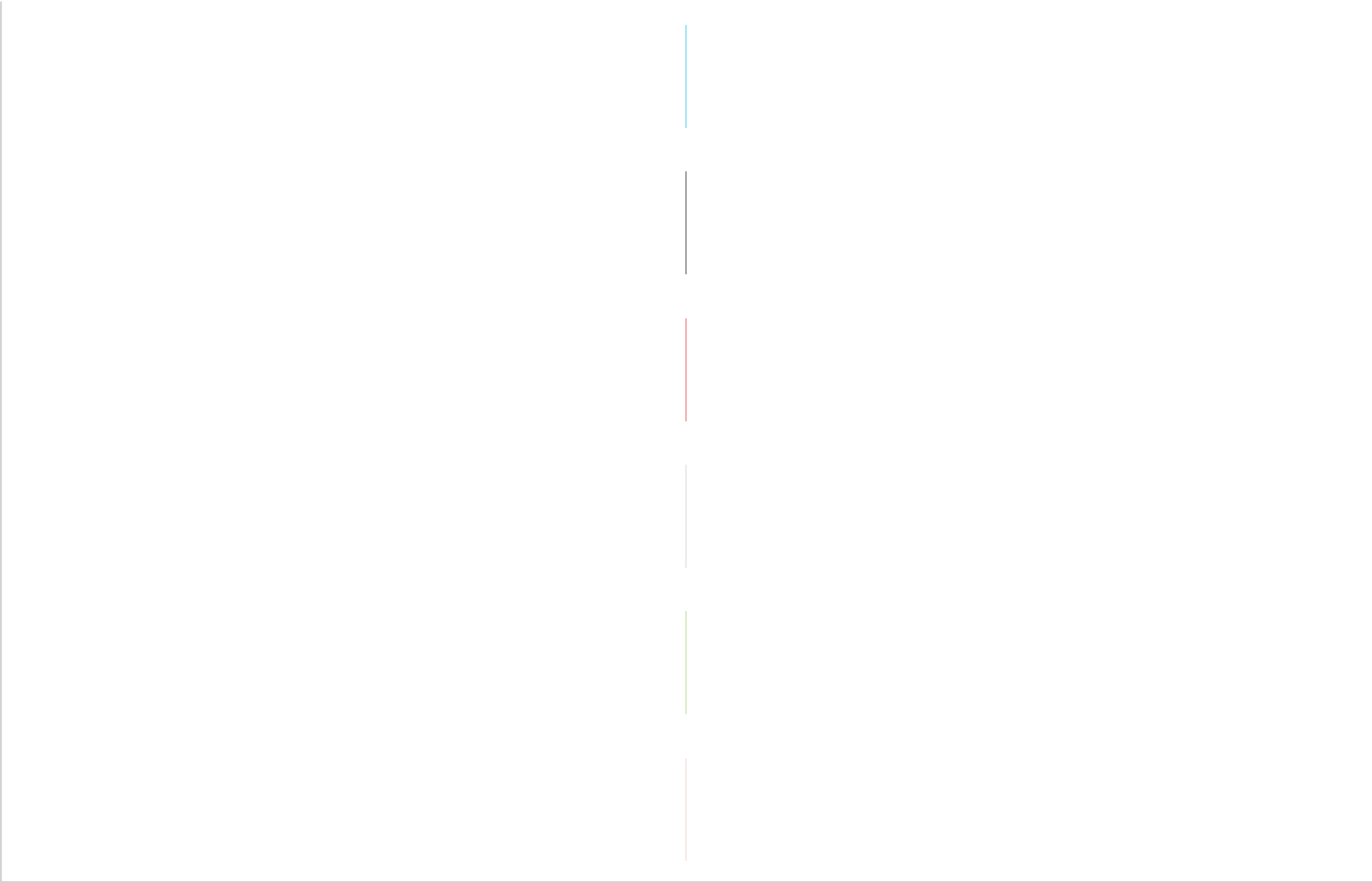
T>A

T>C

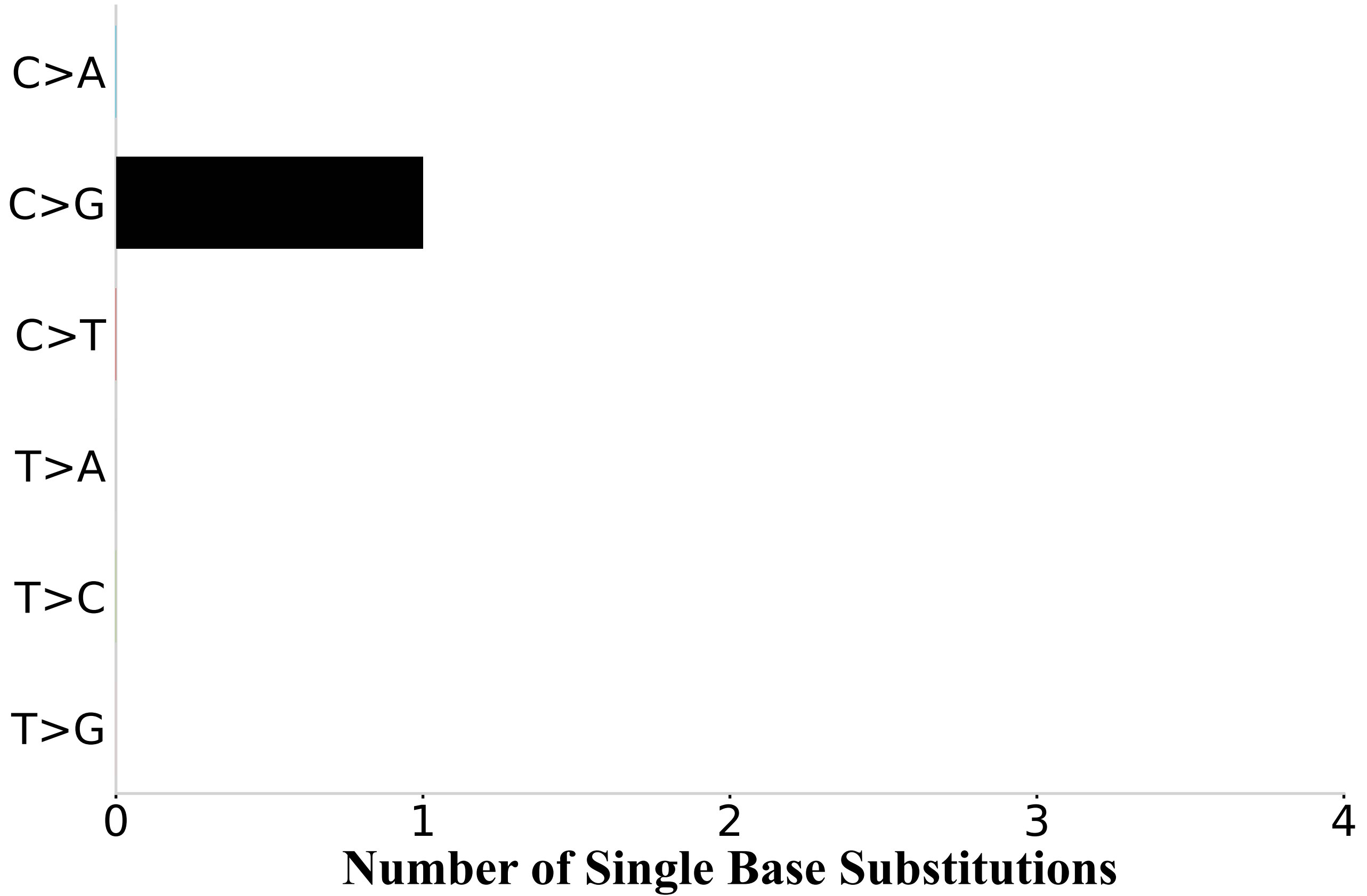
T>G

0

Number of Single Base Substitutions



P-0037918-T01-IM6: 1 subs



P-0038101-T01-IM6: 0 subs

C>A

C>G

C>T

T>A

T>C

T>G

0

Number of Single Base Substitutions



P-0038341-T01-IM6: 0 subs

C>A

C>G

C>T

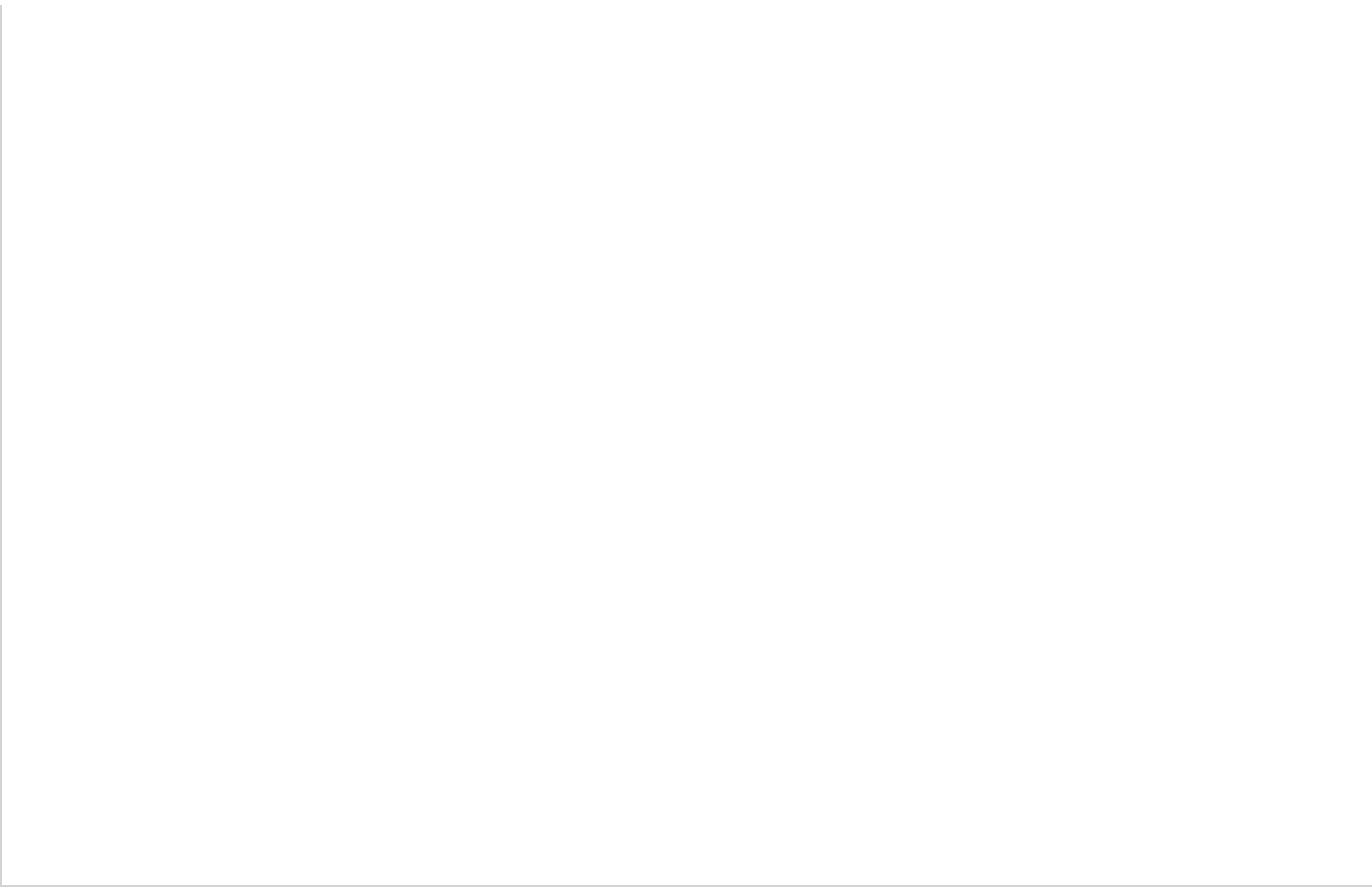
T>A

T>C

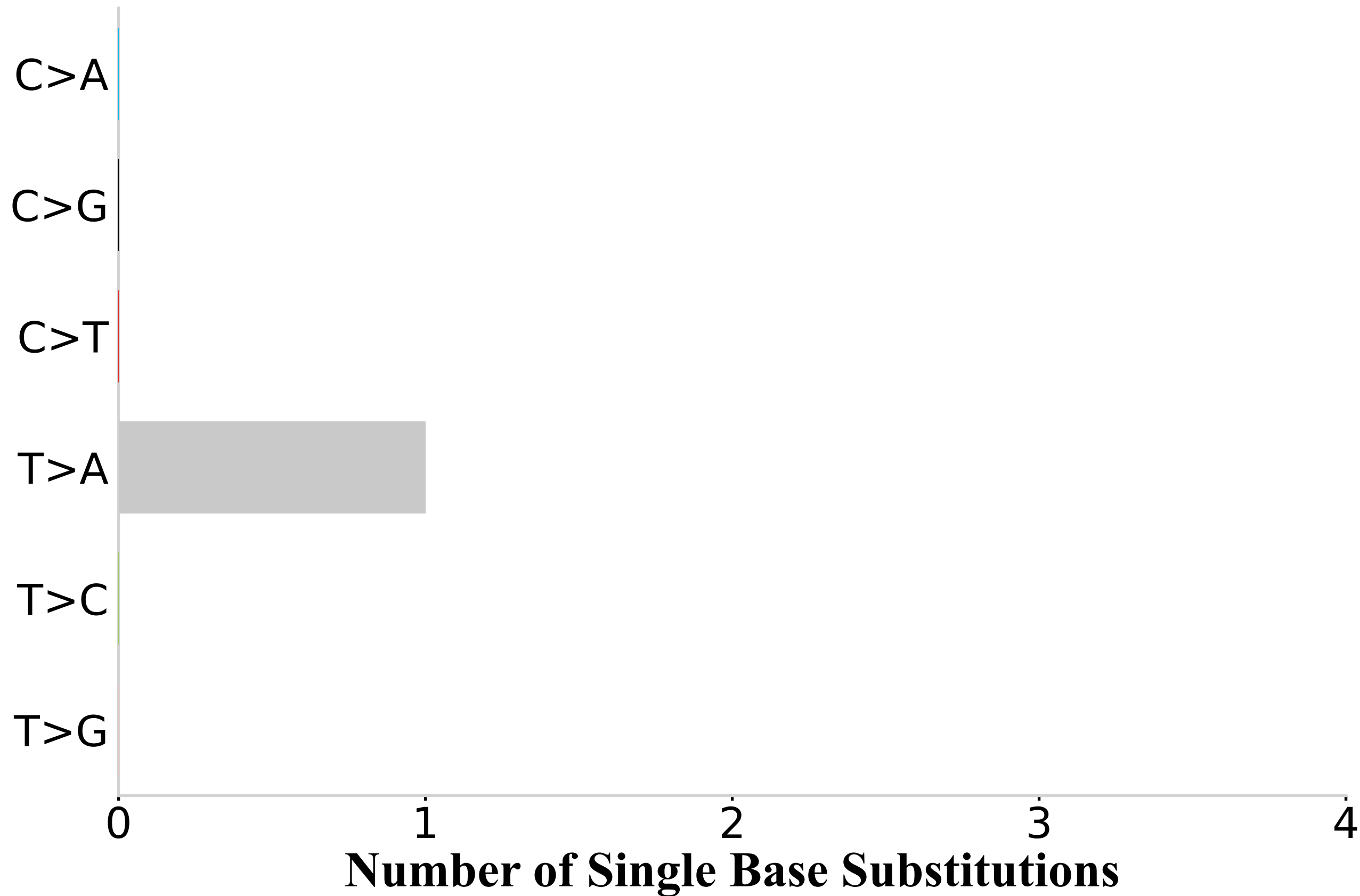
T>G

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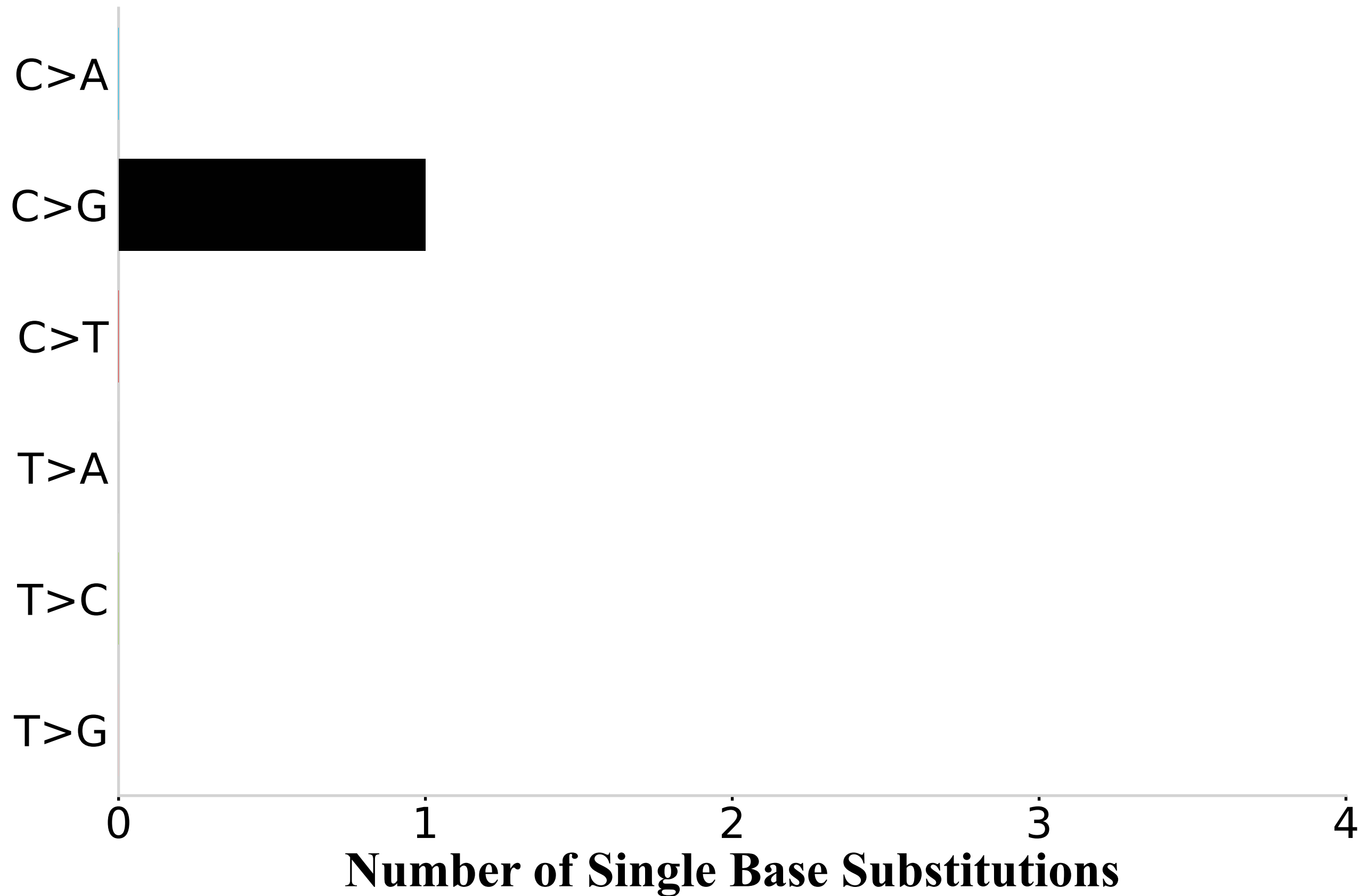
Number of Single Base Substitutions



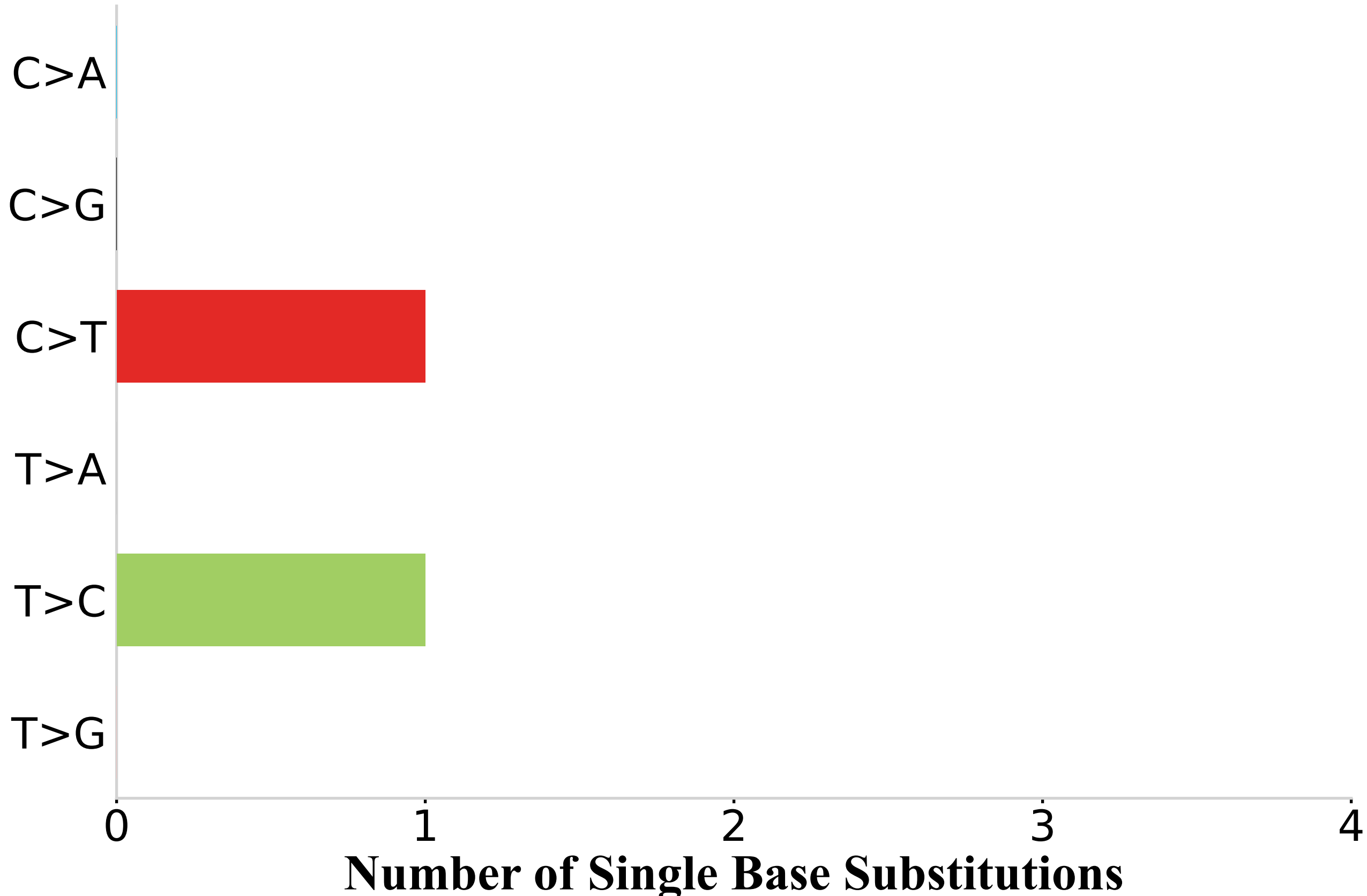
P-0038595-T01-IM6: 1 subs



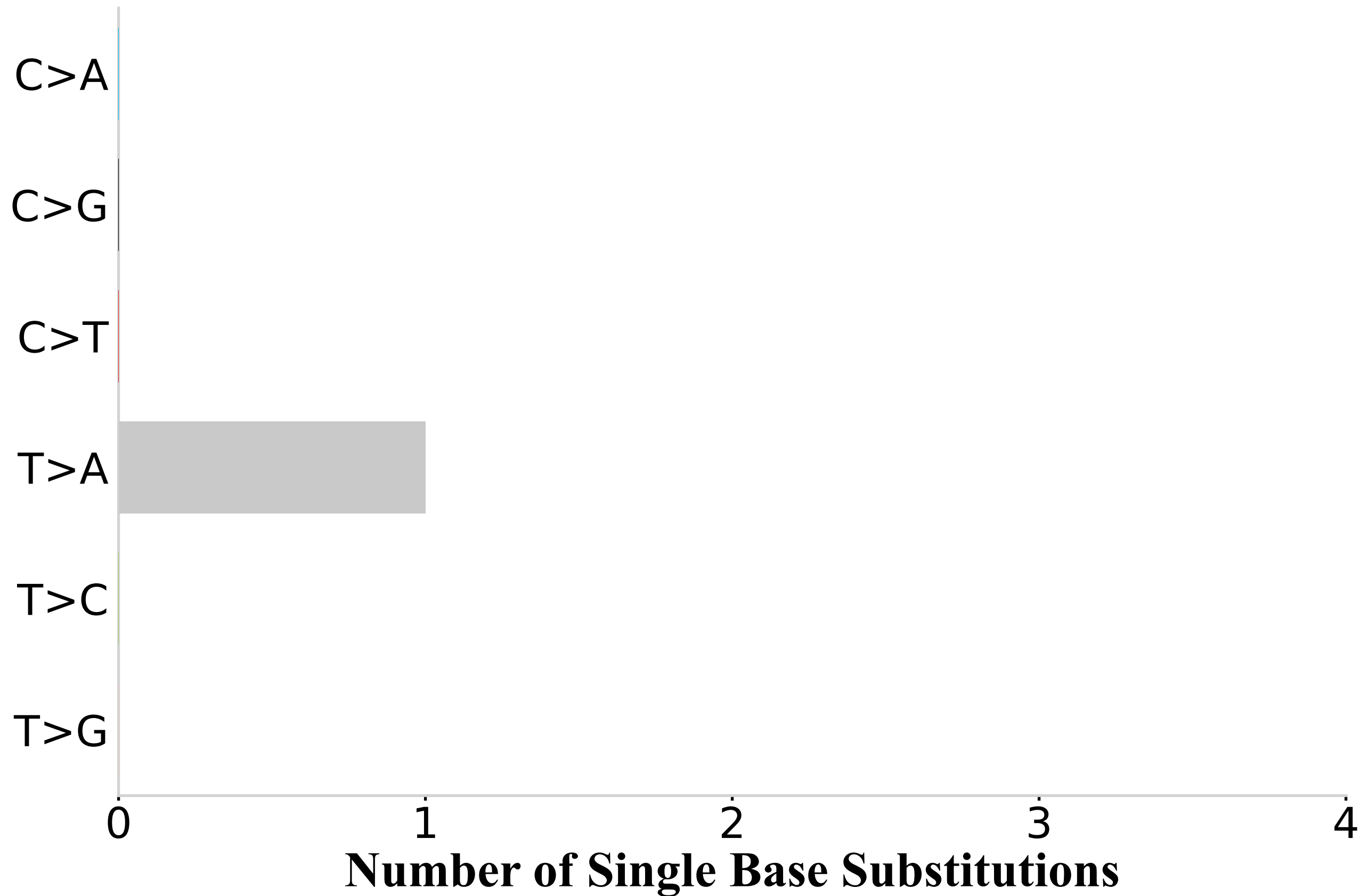
P-0038669-T01-IM6: 1 subs



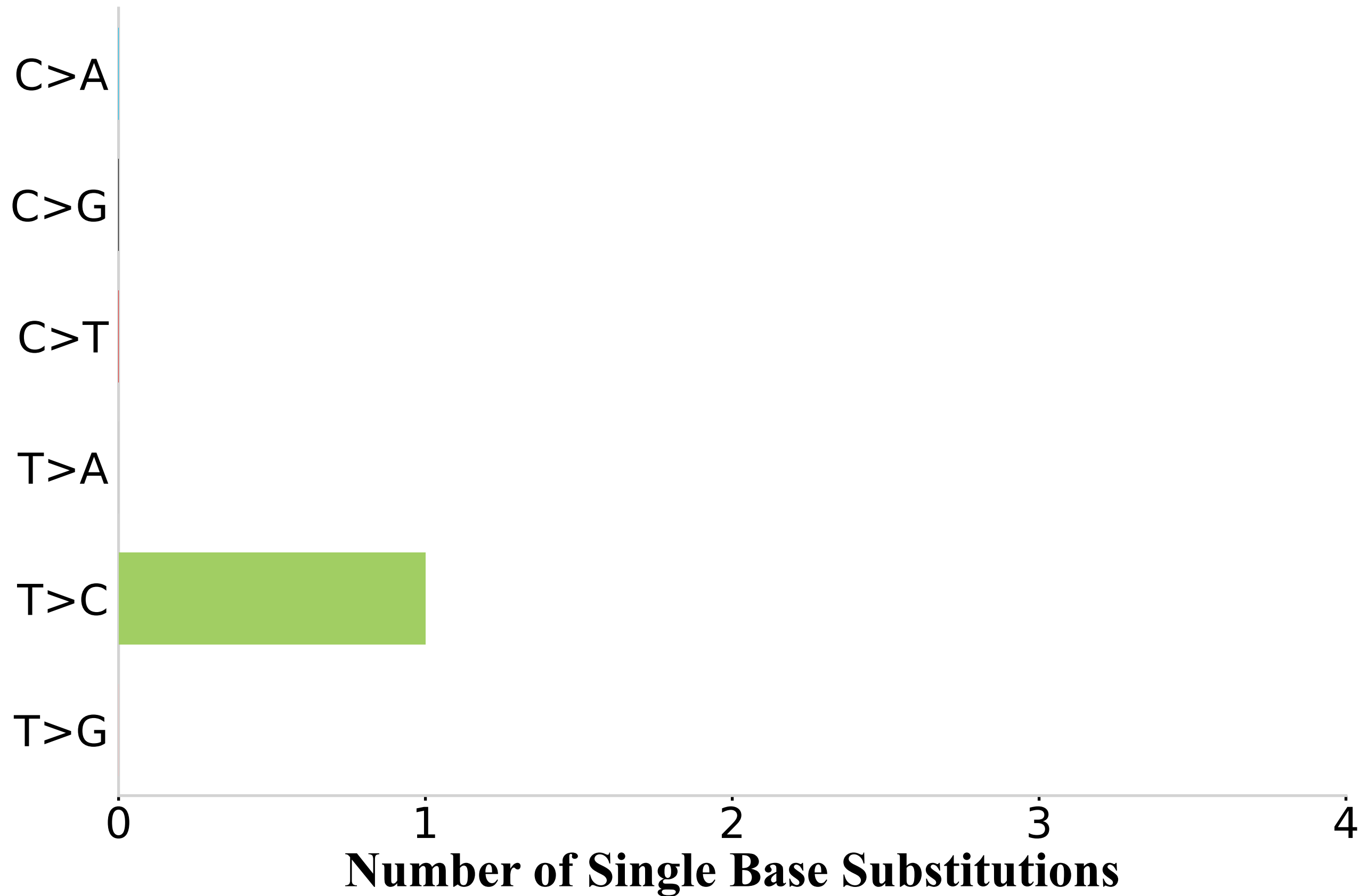
P-0038762-T01-IM6: 2 subs



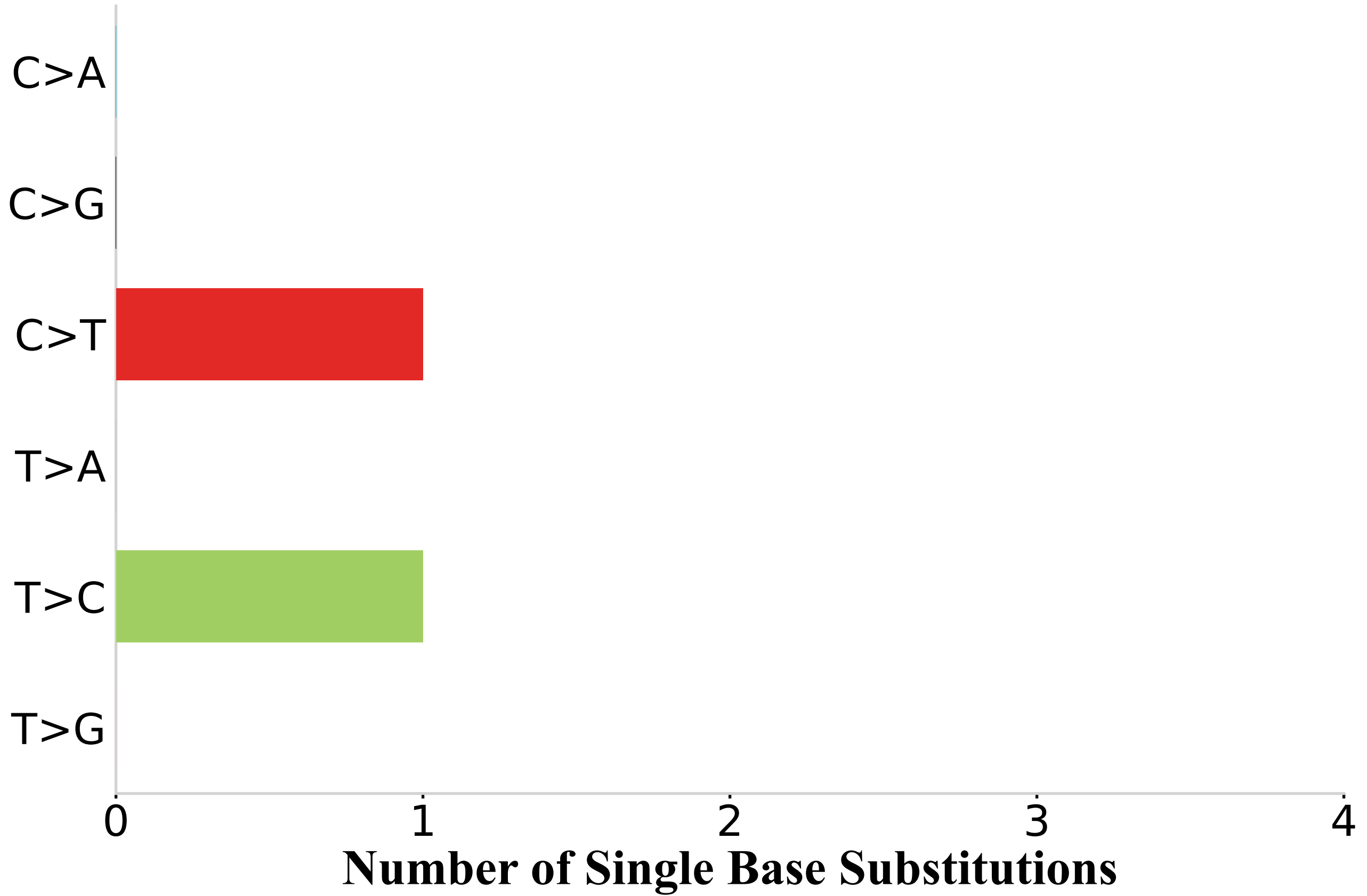
P-0038910-T01-IM6: 1 subs



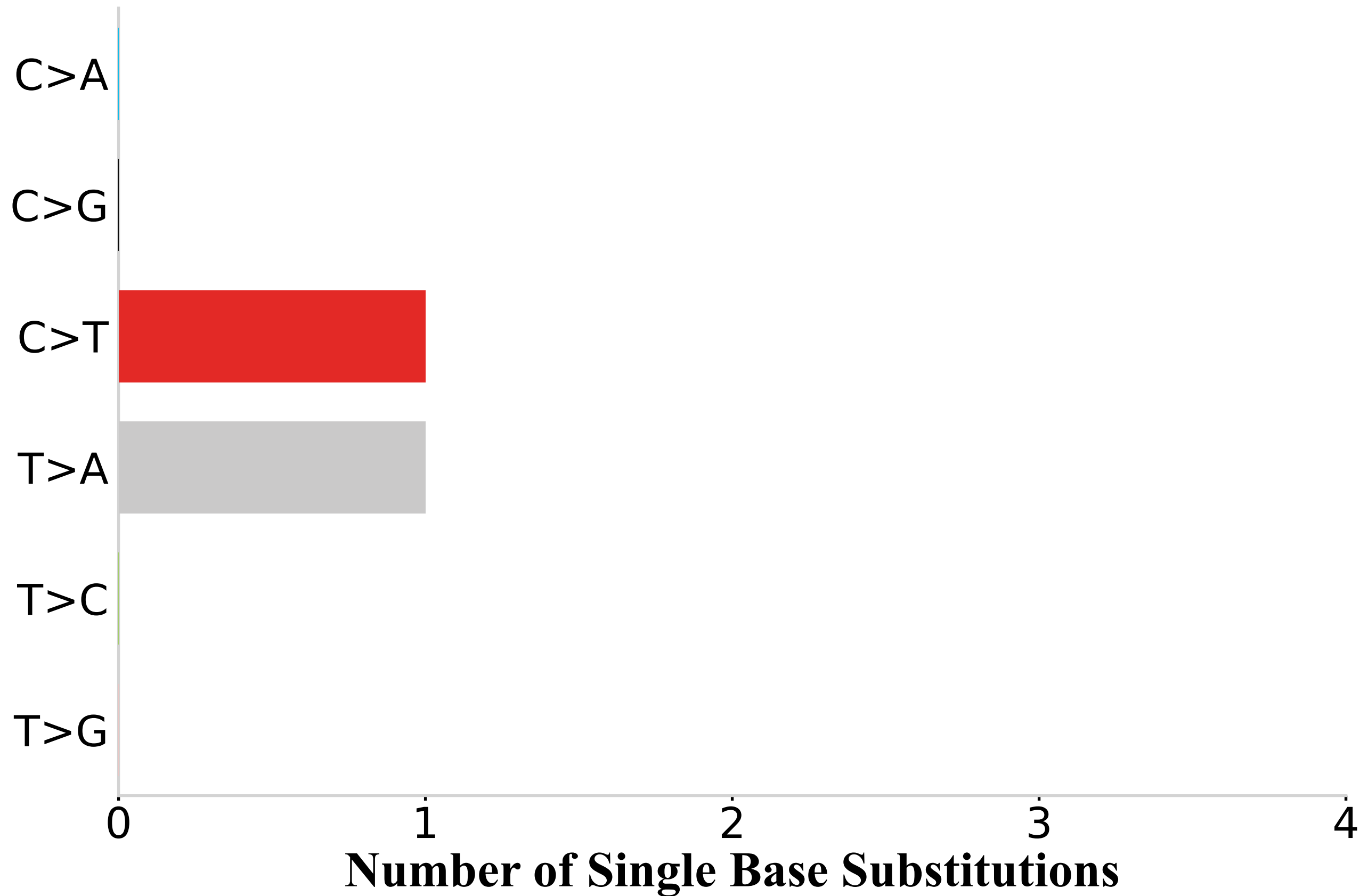
P-0038980-T01-IM6: 1 subs



P-0039196-T01-IM6: 2 subs



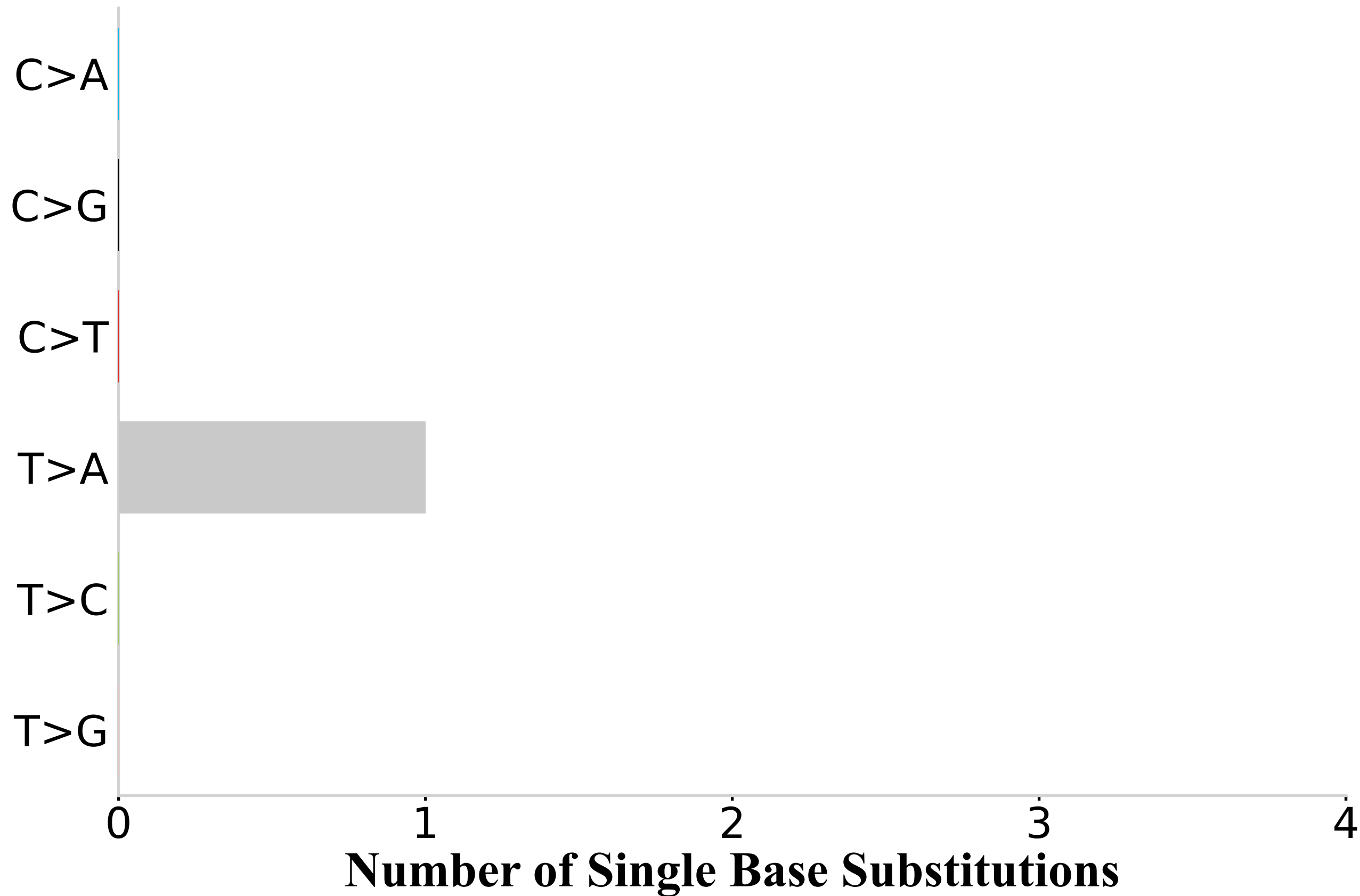
P-0039414-T01-IM6: 2 subs



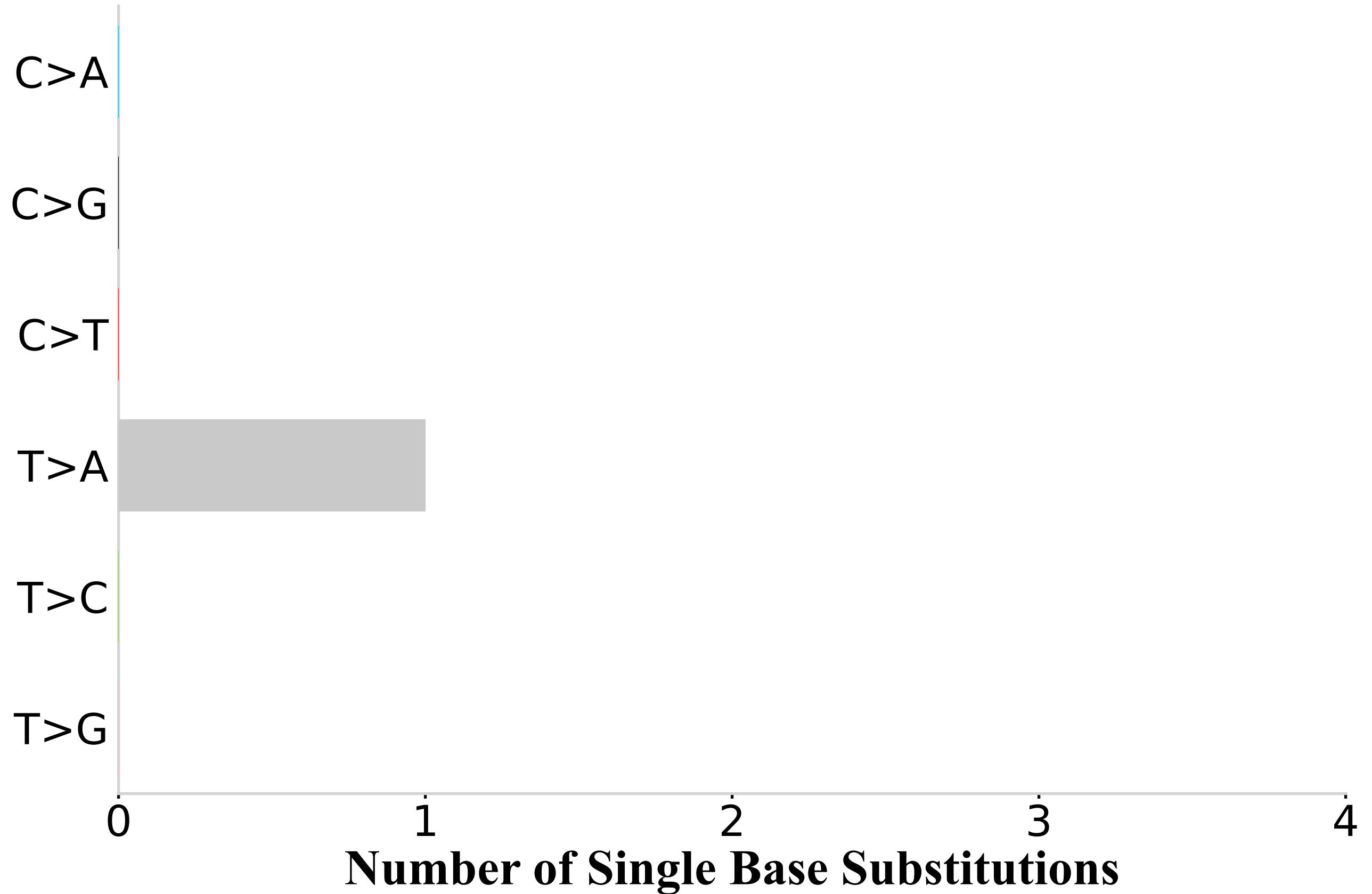
P-0039613-T01-IM6: 1 subs



P-0039747-T01-IM6: 1 subs



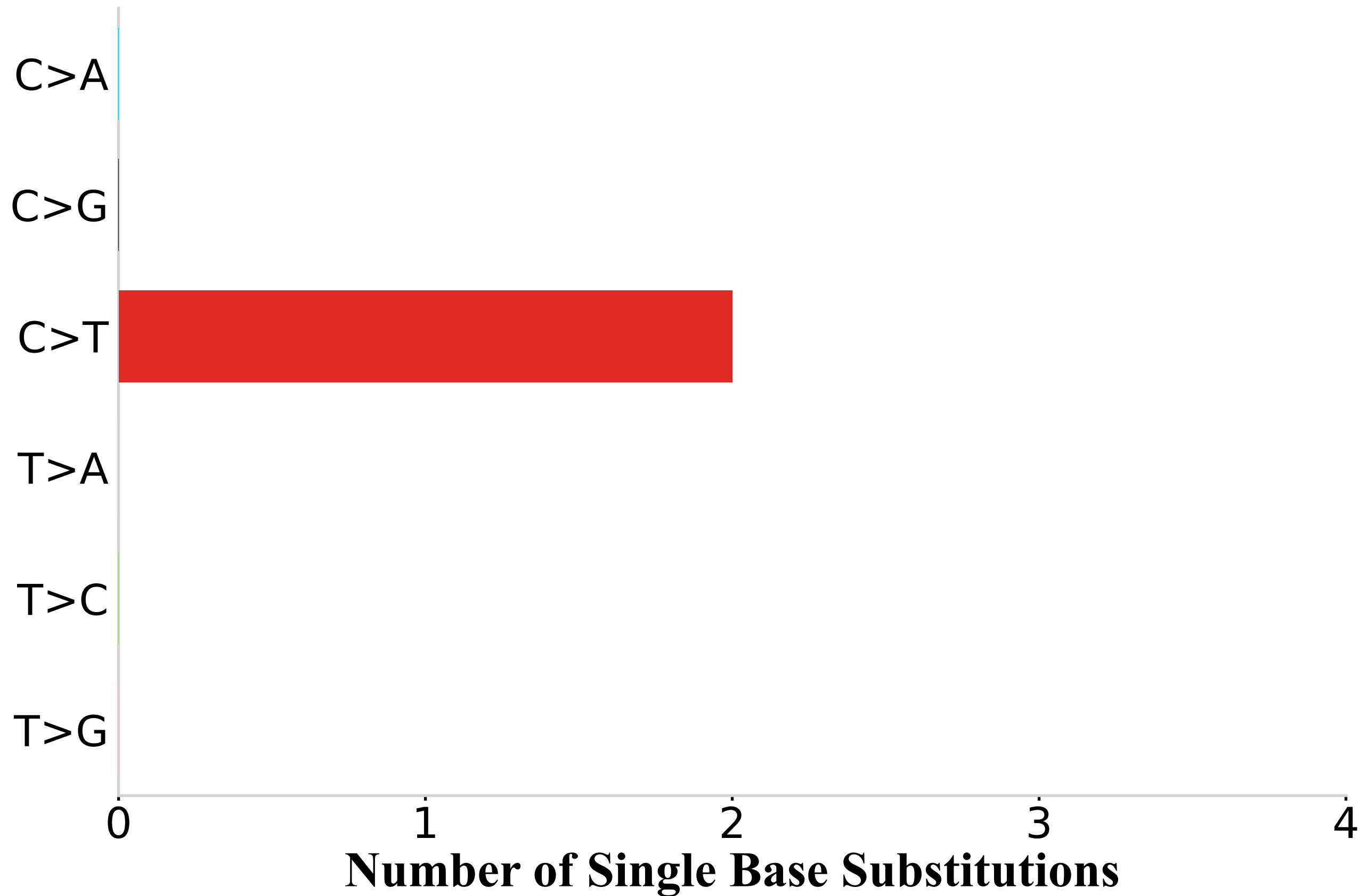
P-0039788-T01-IM6: 1 subs



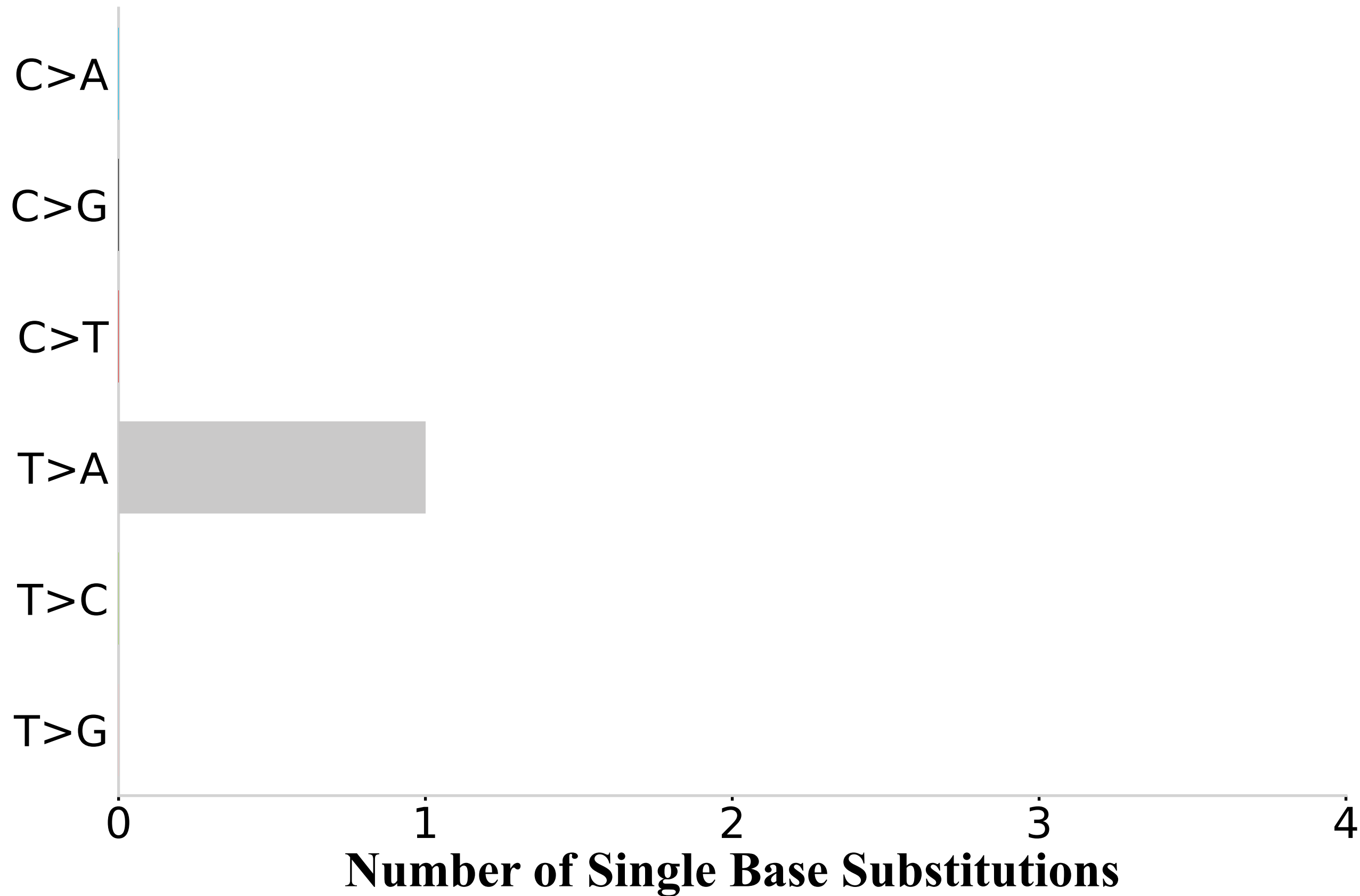
P-0040191-T01-IM6: 1 subs



P-0040359-T01-IM6: 2 subs



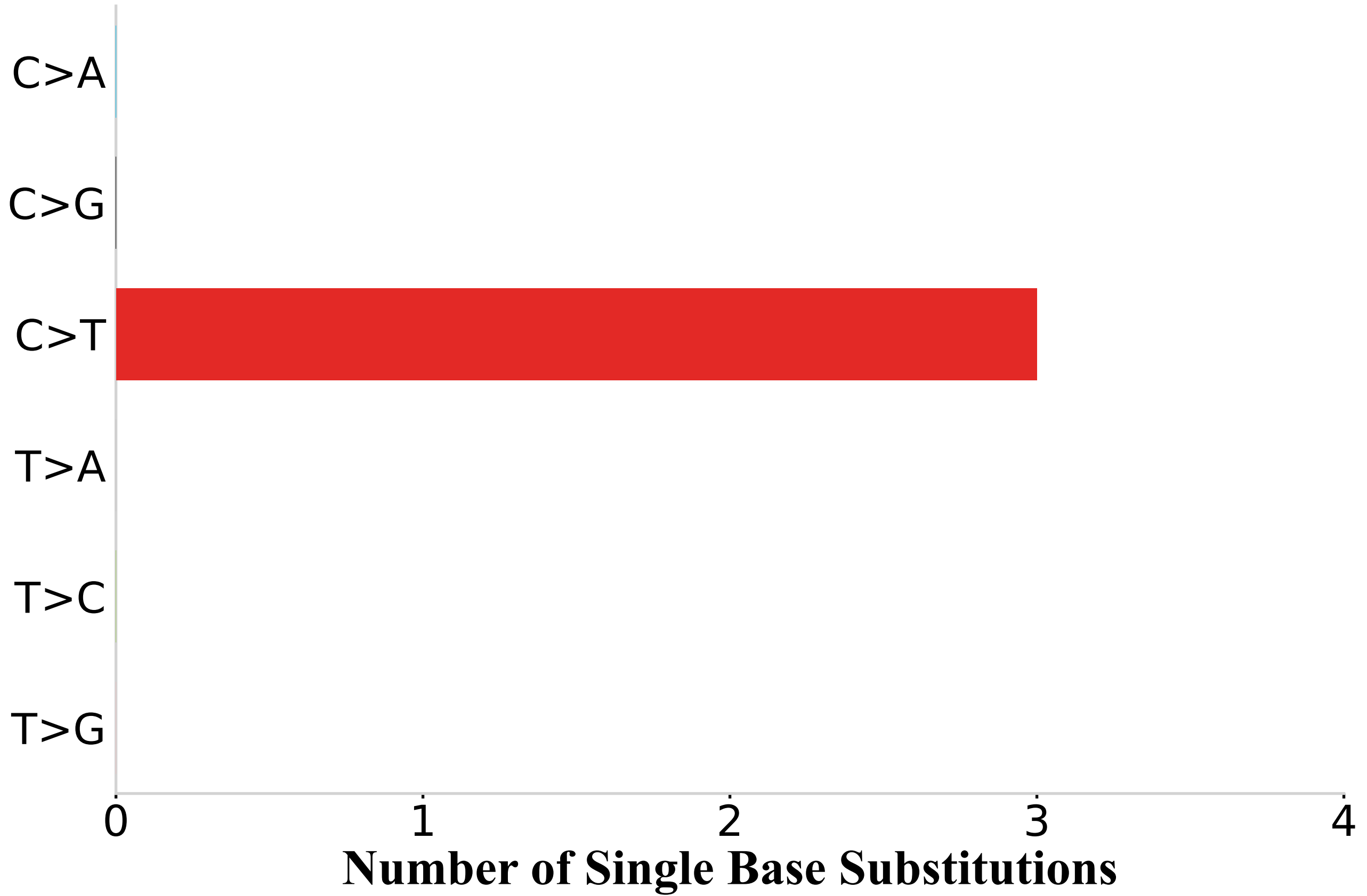
P-0040551-T01-IM6: 1 subs



P-0040924-T01-IM6: 1 subs



P-0041540-T01-IM6: 3 subs



P-0041718-T01-IM6: 0 subs

C>A

C>G

C>T

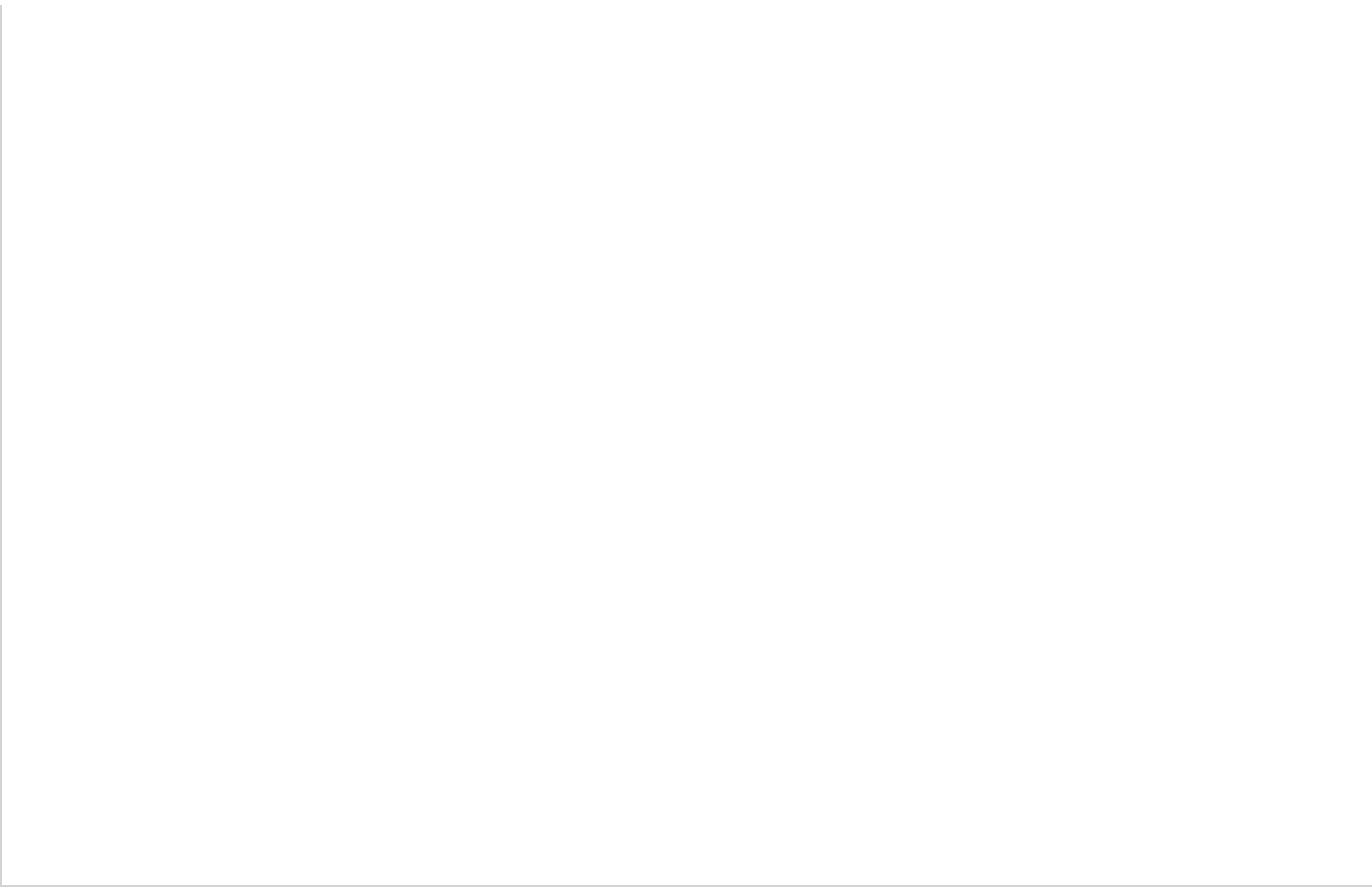
T>A

T>C

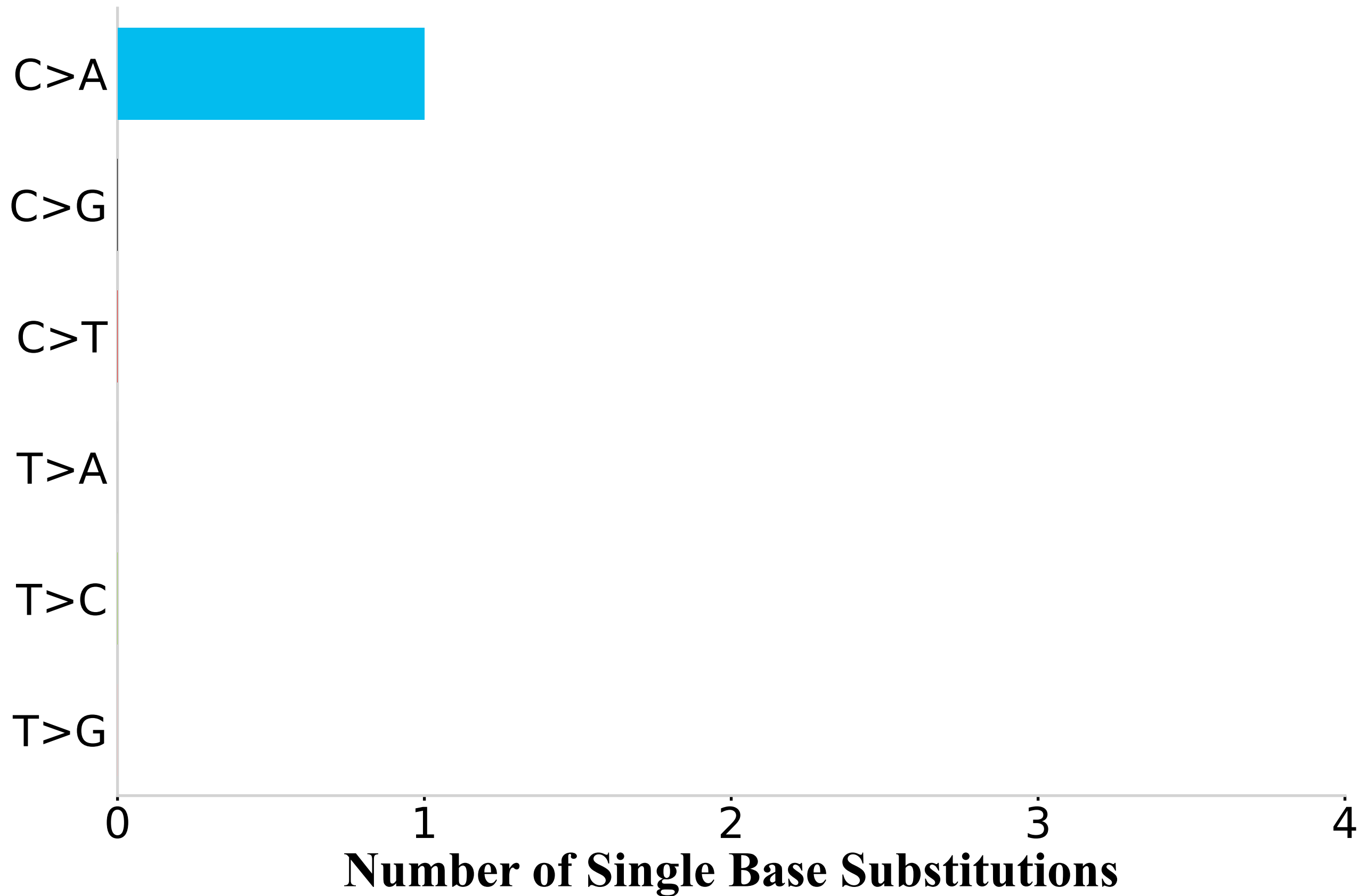
T>G

0

Number of Single Base Substitutions



P-0042260-T02-IM6: 1 subs



P-0042437-T01-IM6: 0 subs

C>A

C>G

C>T

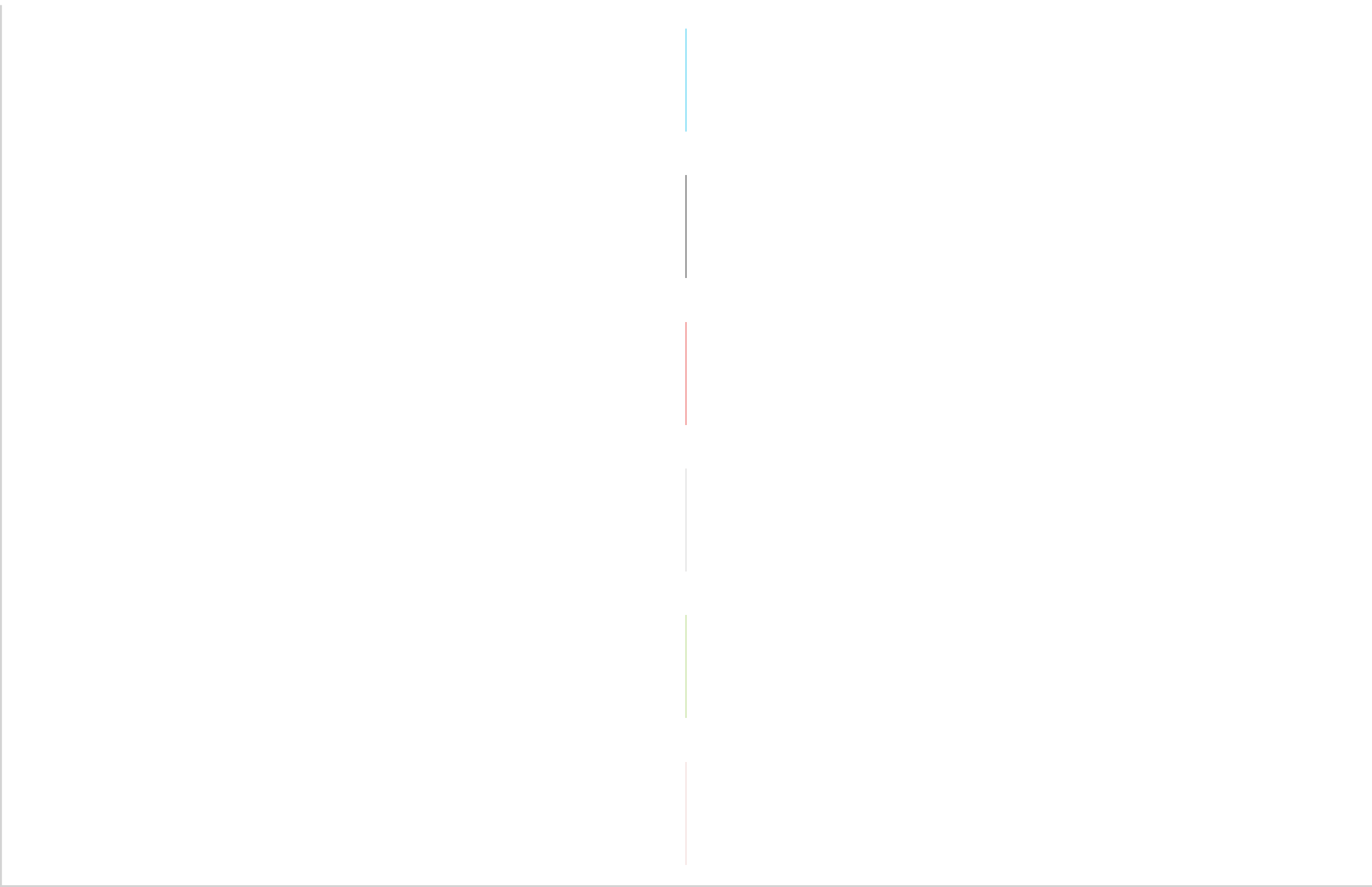
T>A

T>C

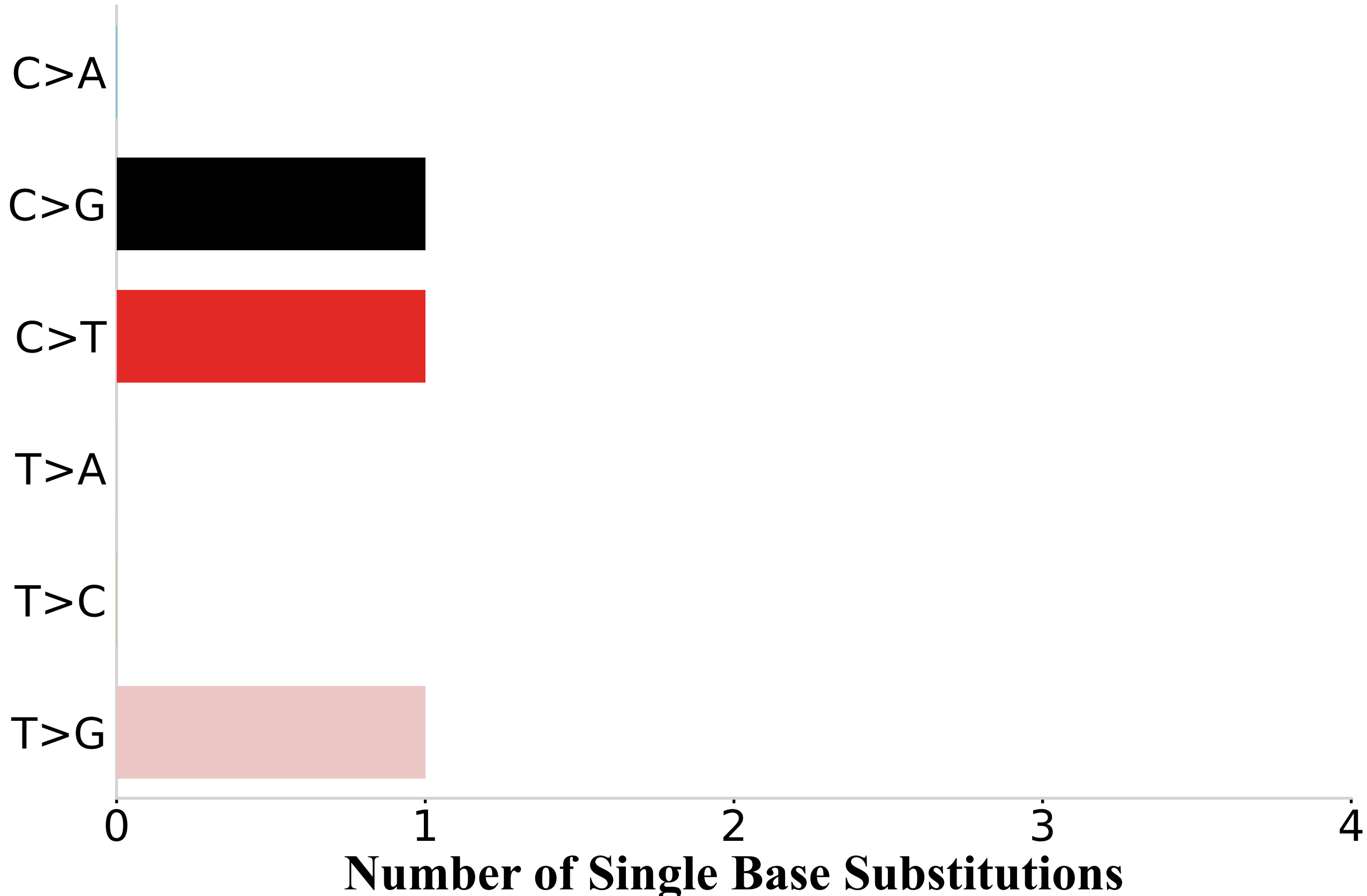
T>G

0

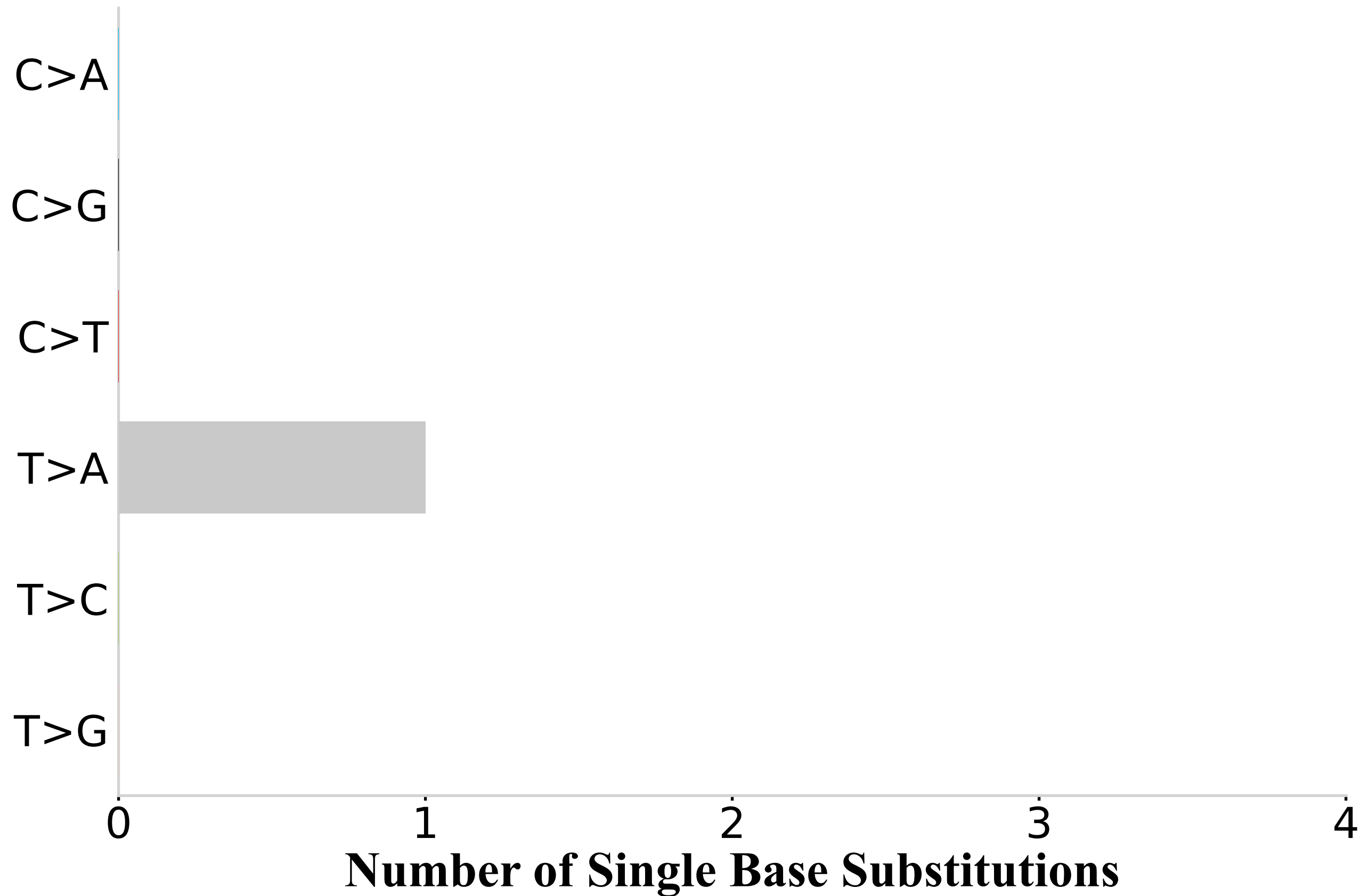
Number of Single Base Substitutions



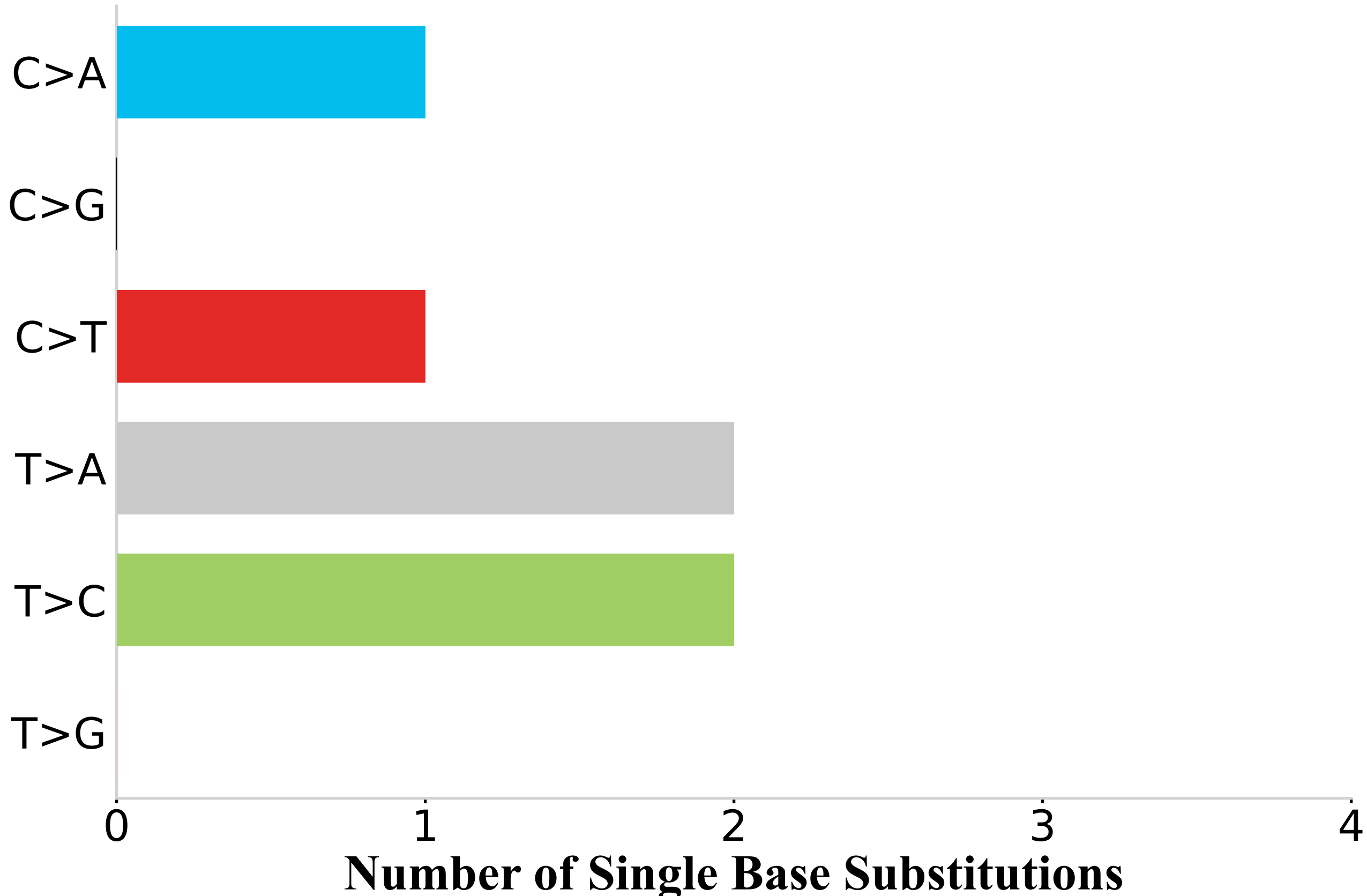
P-0042490-T01-IM6: 3 subs



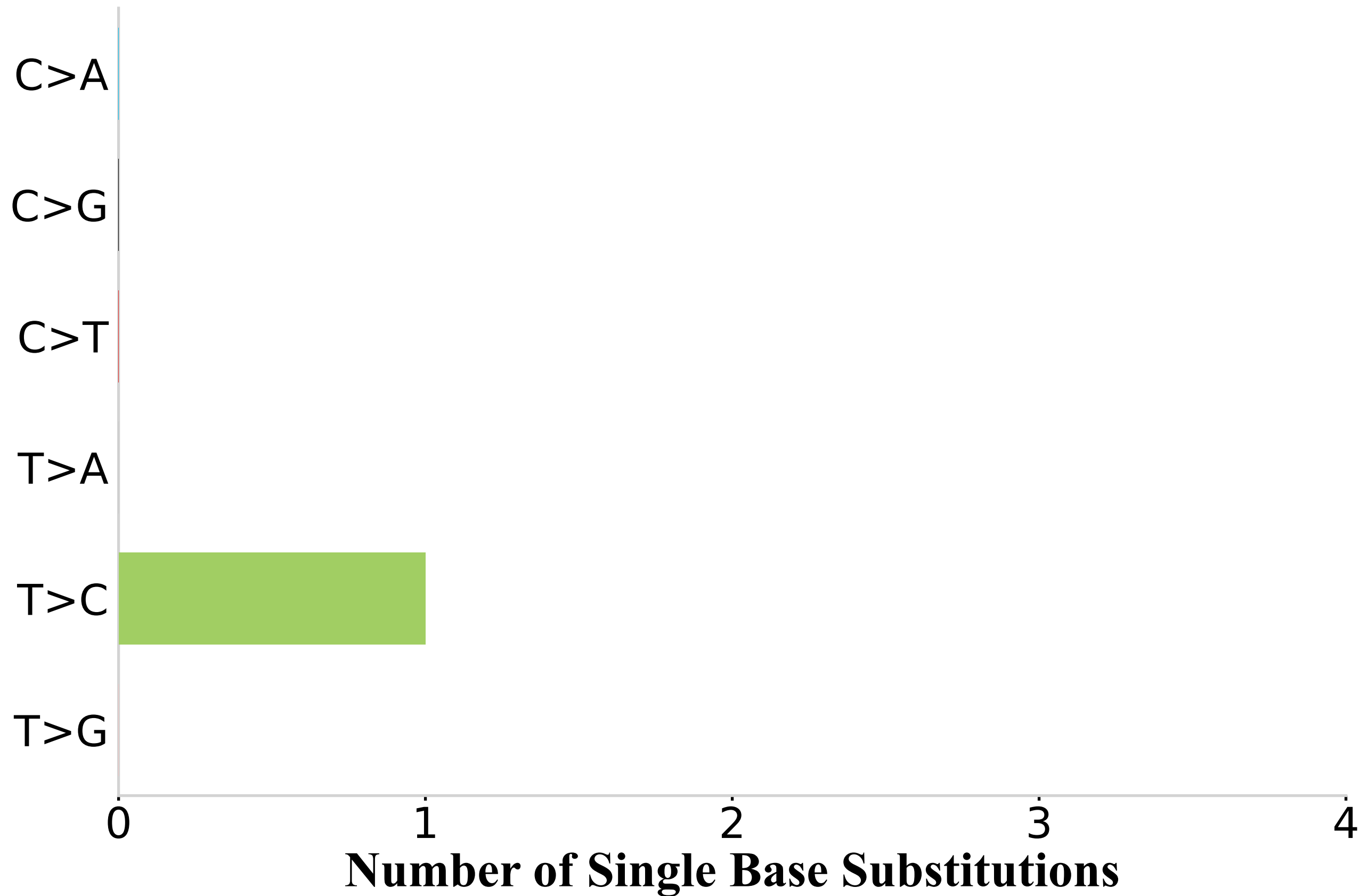
P-0042544-T01-IM6: 1 subs



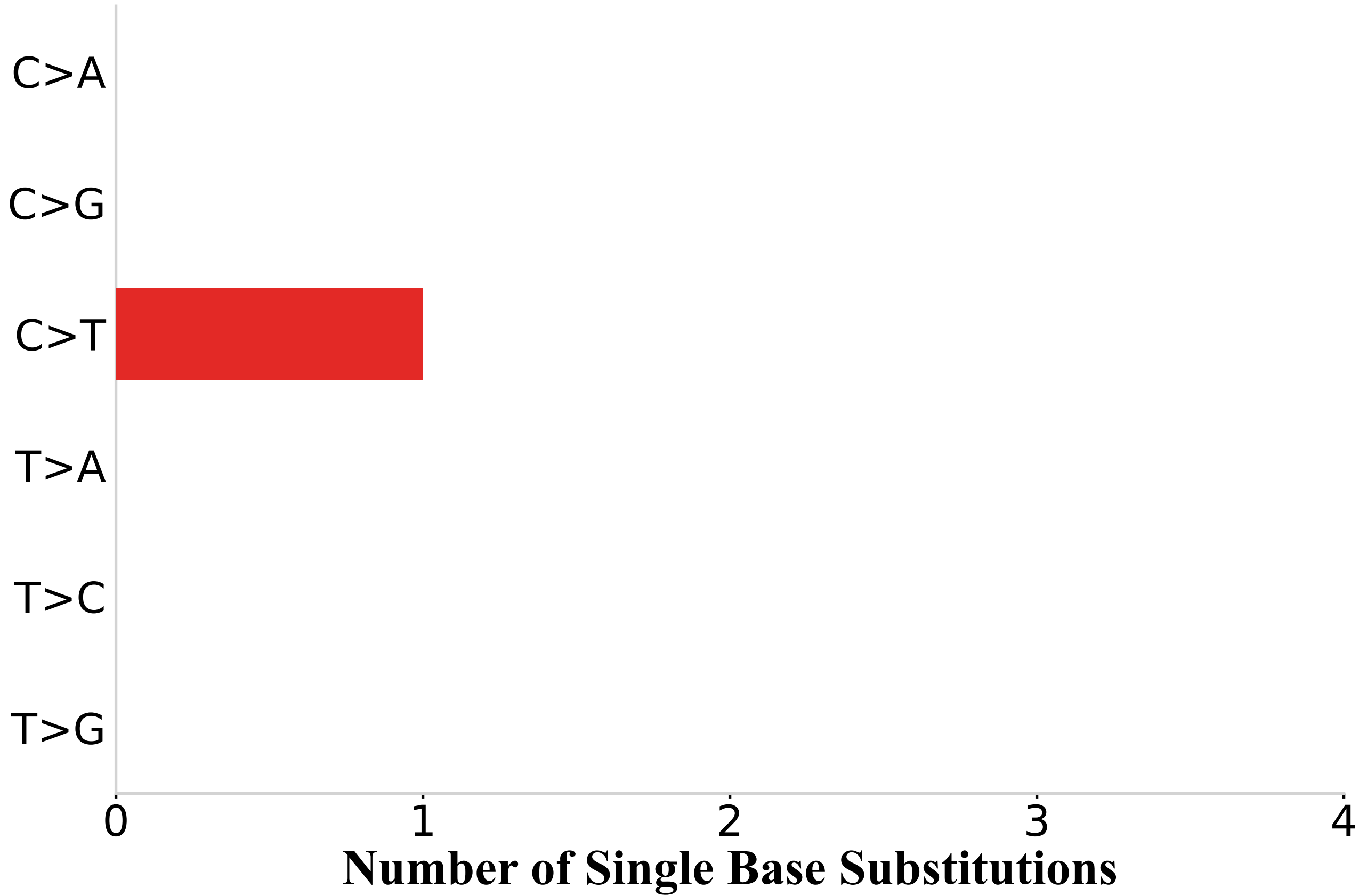
P-0042549-T01-IM6: 6 subs



P-0042761-T01-IM6: 1 subs



P-0043117-T01-IM6: 1 subs



P-0043343-T01-IM6: 0 subs

C>A

C>G

C>T

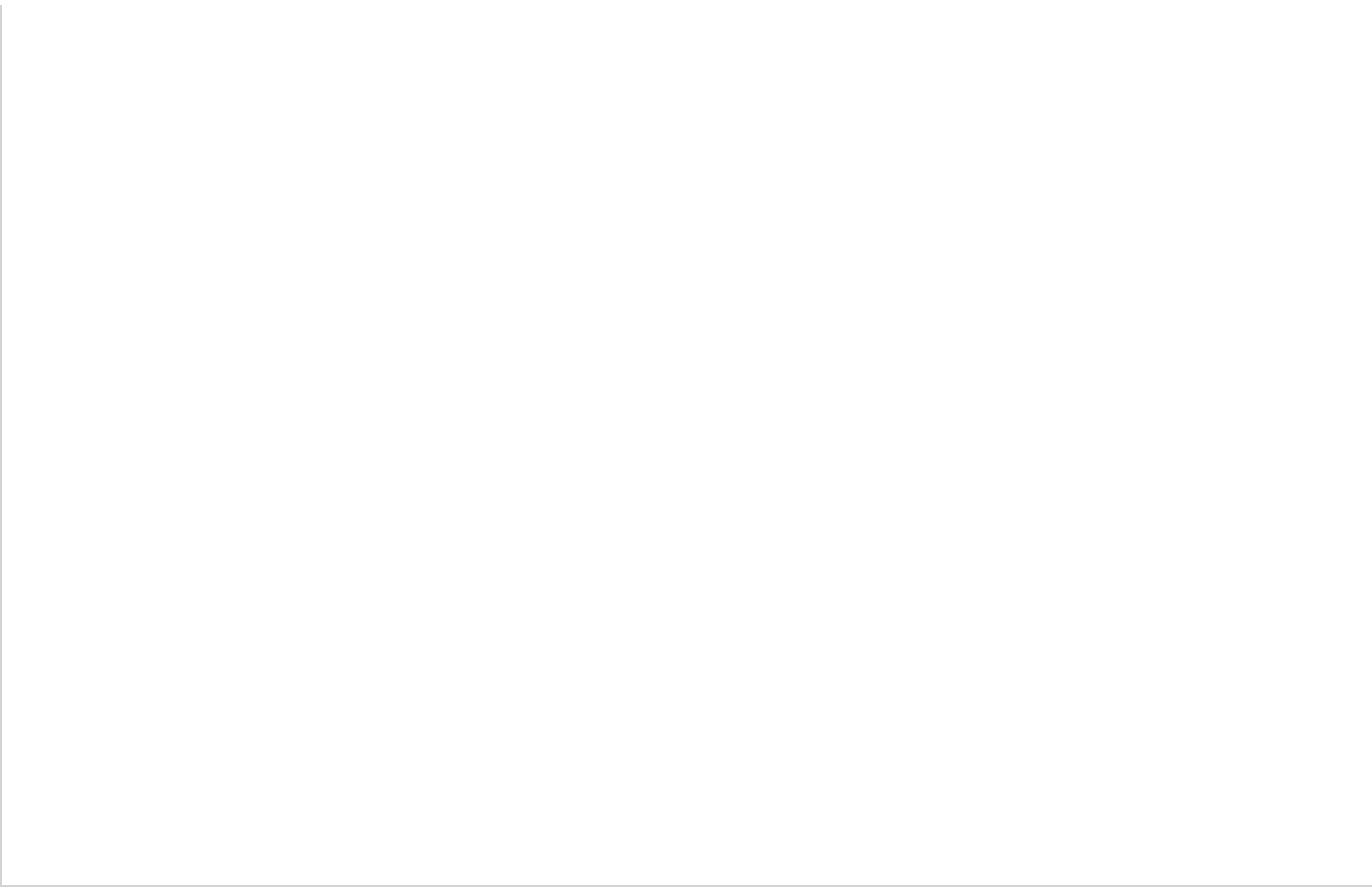
T>A

T>C

T>G

0

Number of Single Base Substitutions



P-0043409-T01-IM6: 0 subs

C>A

C>G

C>T

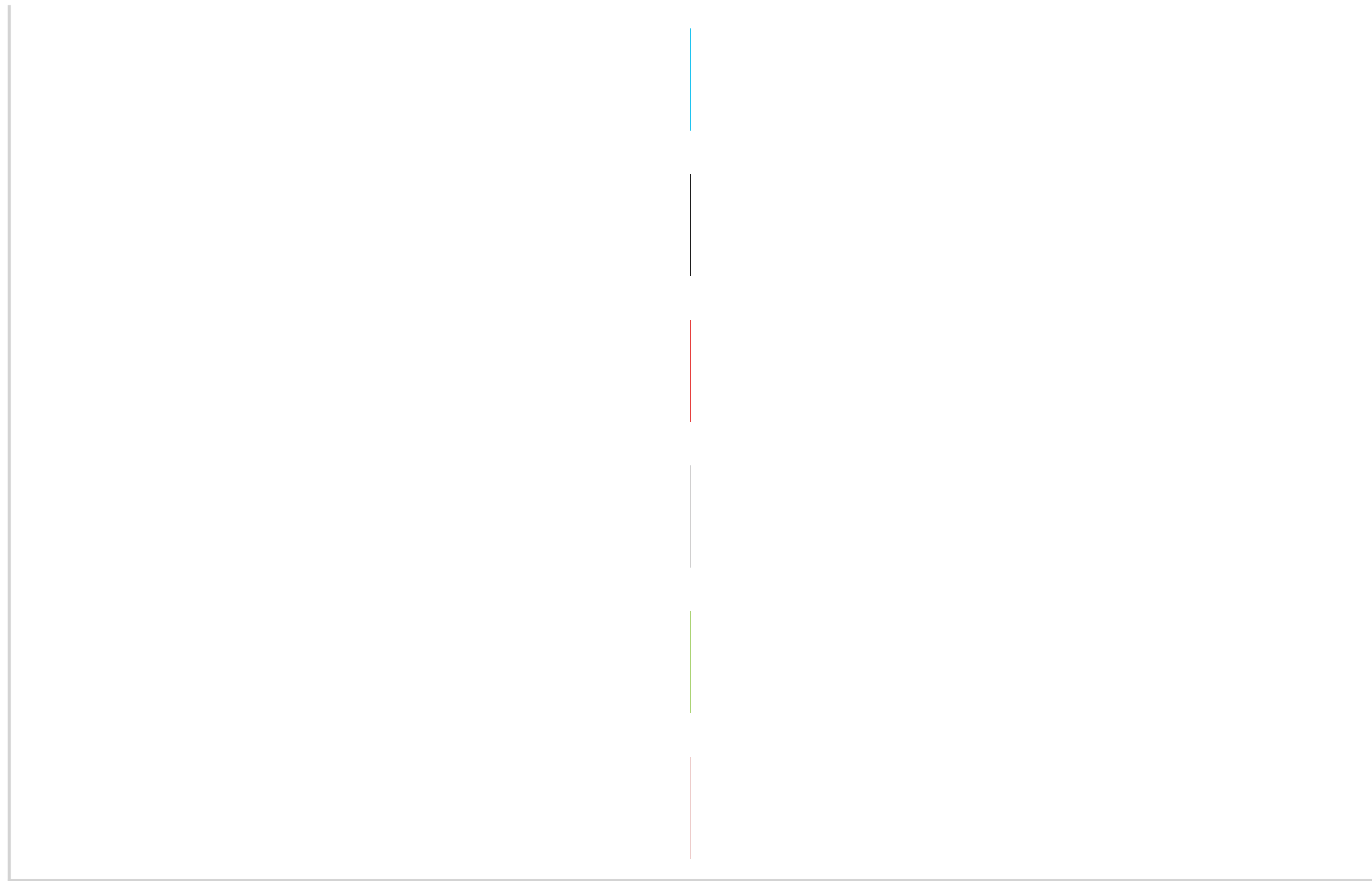
T>A

T>C

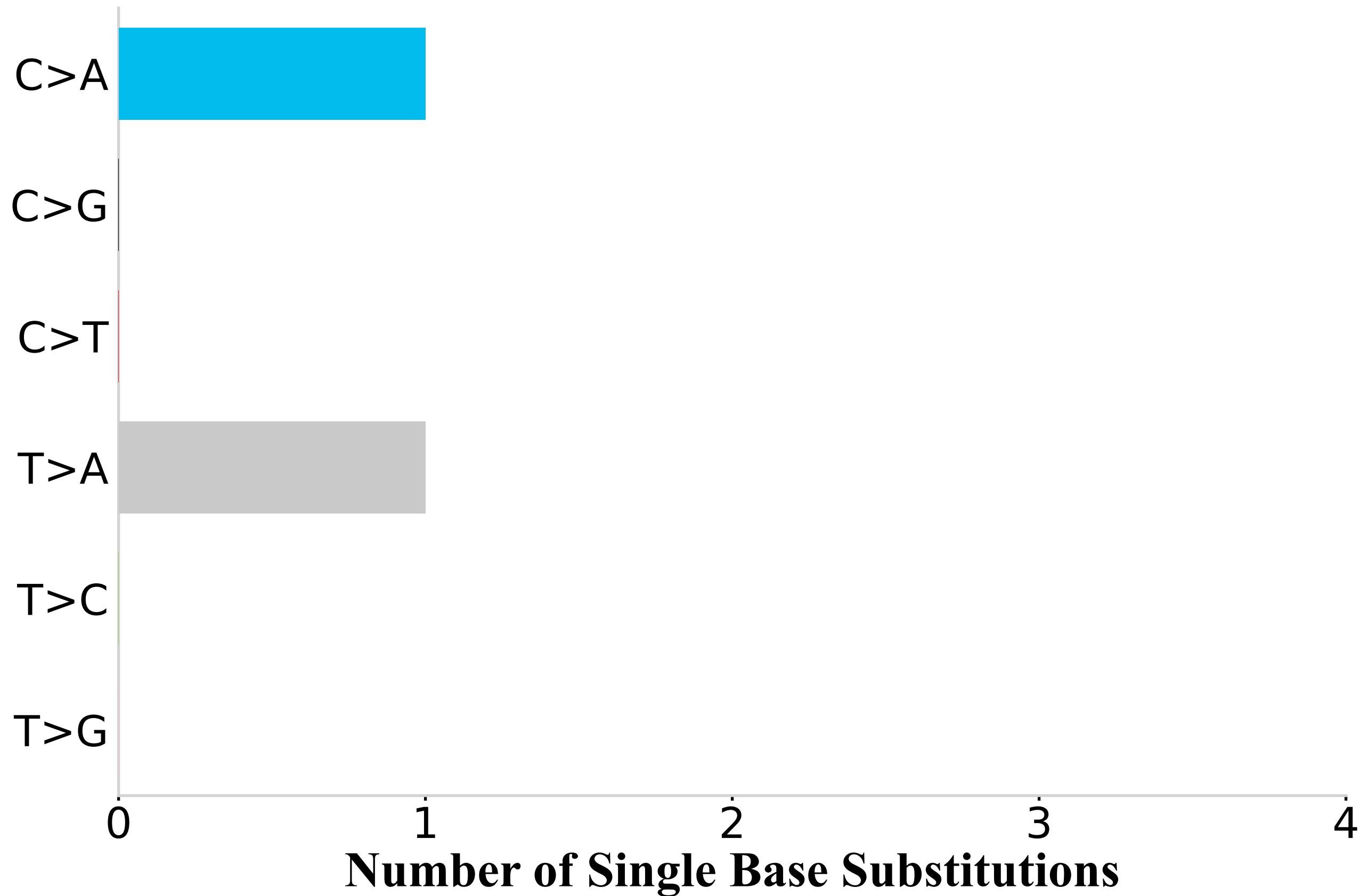
T>G

0

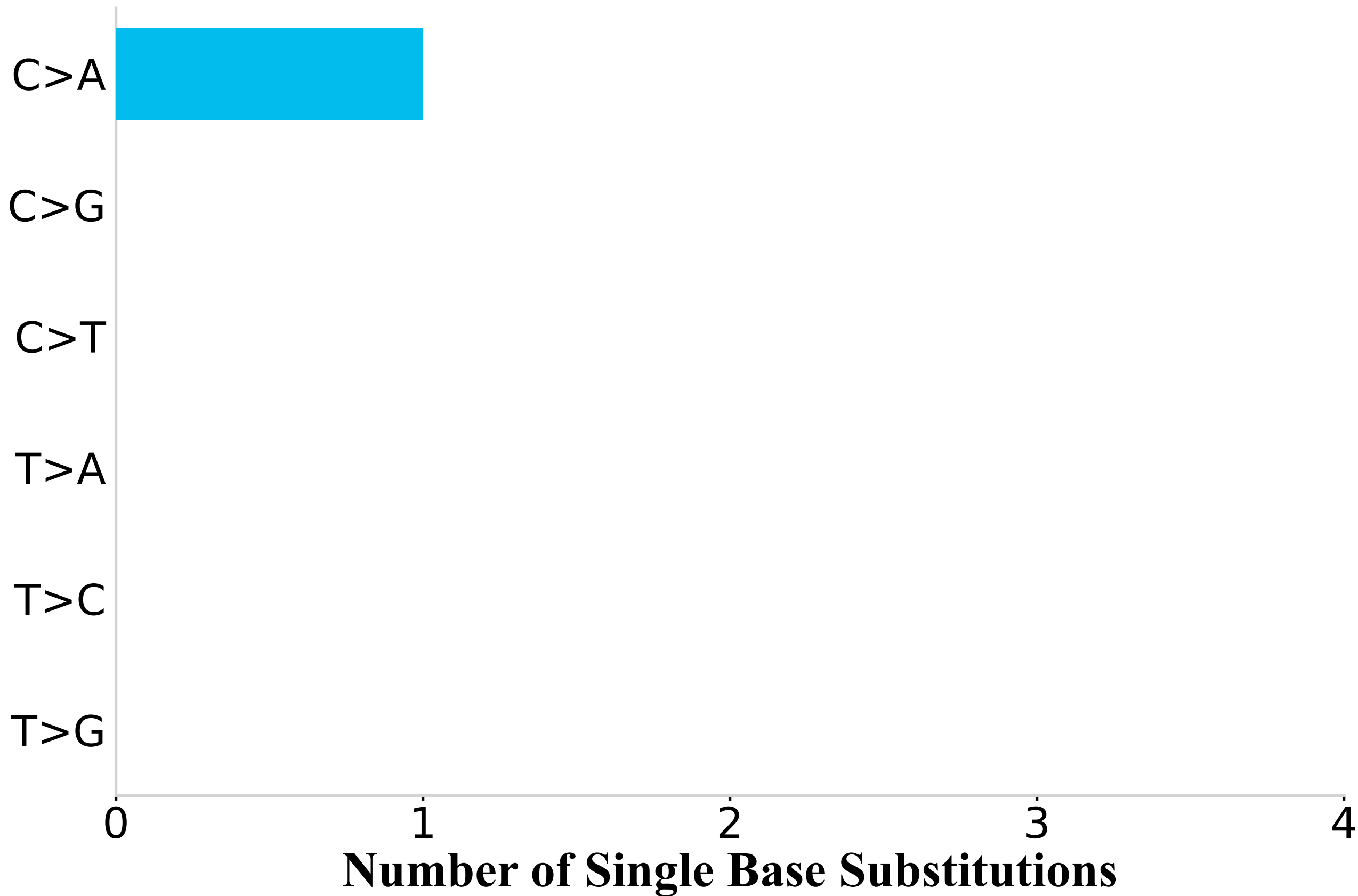
Number of Single Base Substitutions



P-0043479-T01-IM6: 2 subs



P-0043673-T01-IM6: 1 subs



P-0043796-T01-IM6: 0 subs

C>A

C>G

C>T

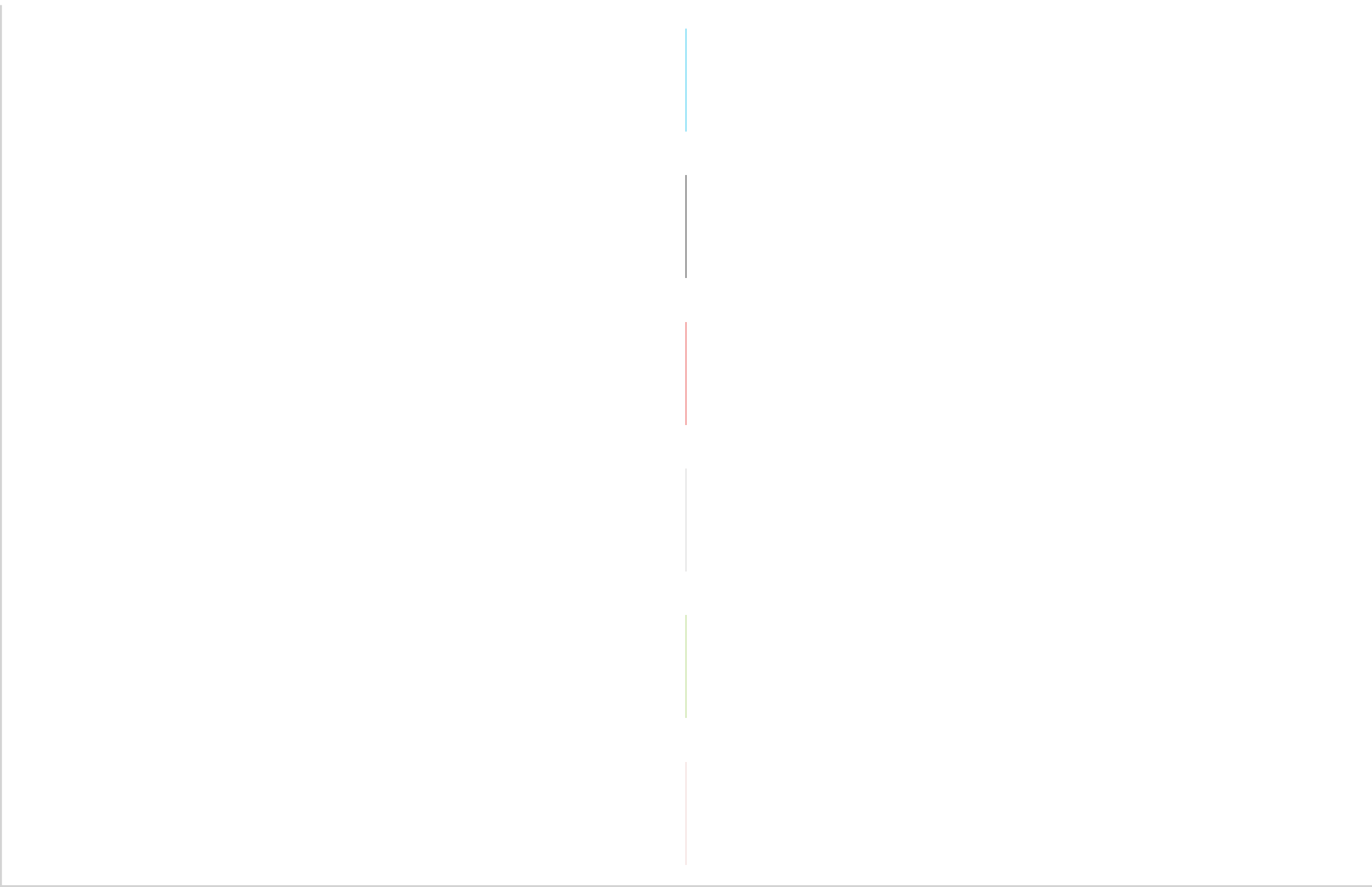
T>A

T>C

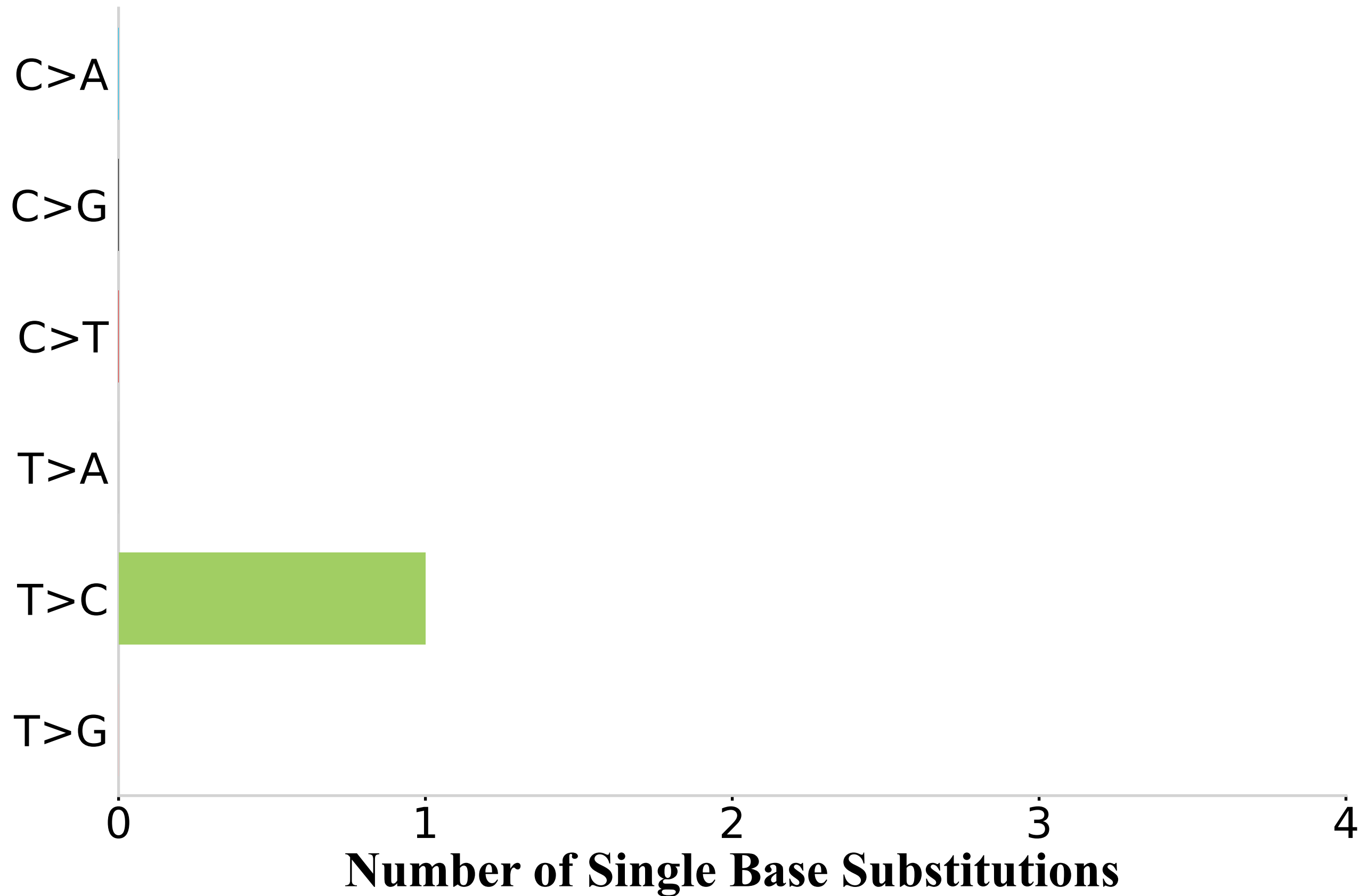
T>G

0

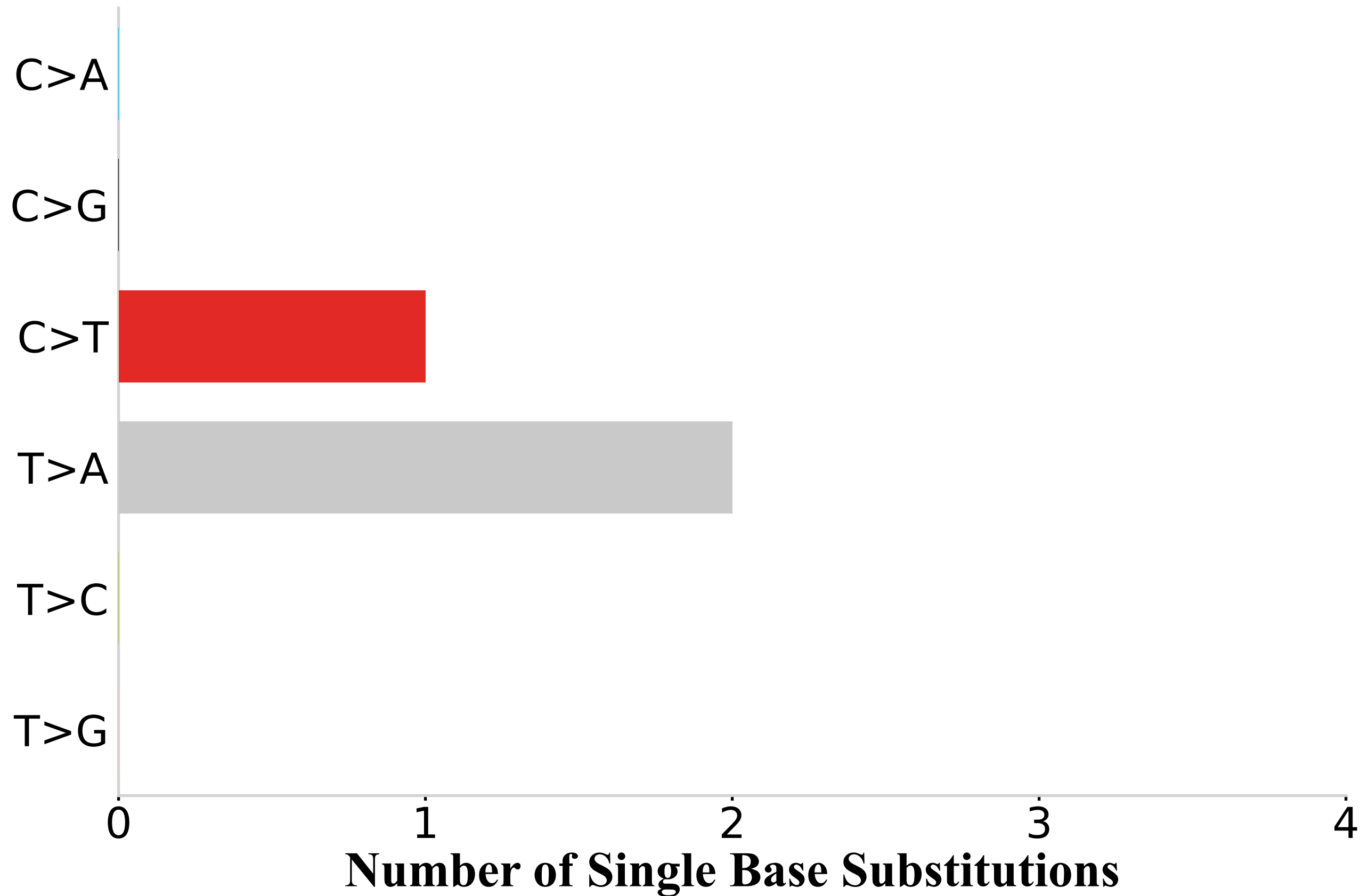
Number of Single Base Substitutions



P-0044022-T01-IM6: 1 subs



P-0044076-T01-IM6: 3 subs



P-0044291-T01-IM6: 0 subs

C>A

C>G

C>T

T>A

T>C

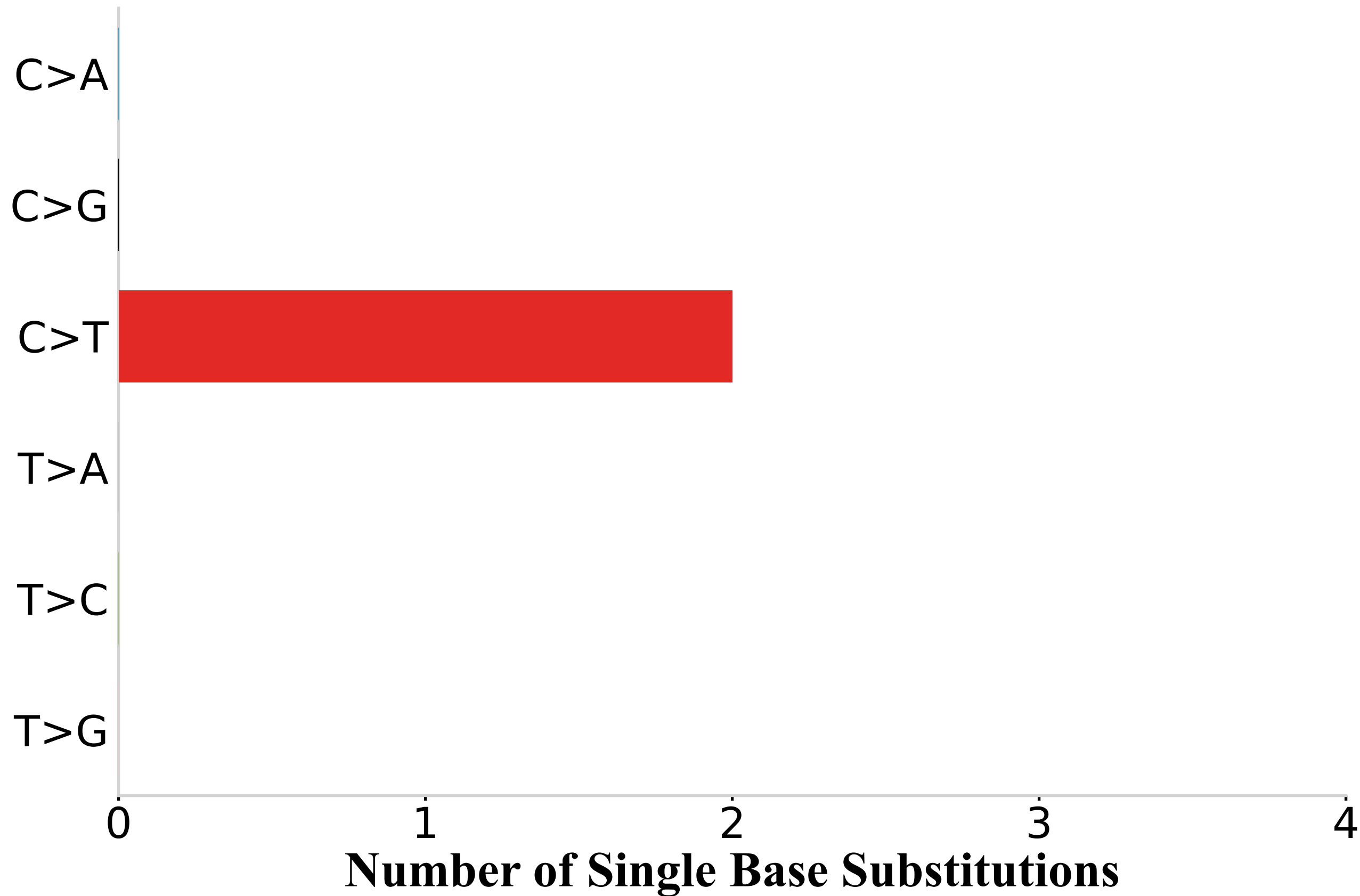
T>G

0

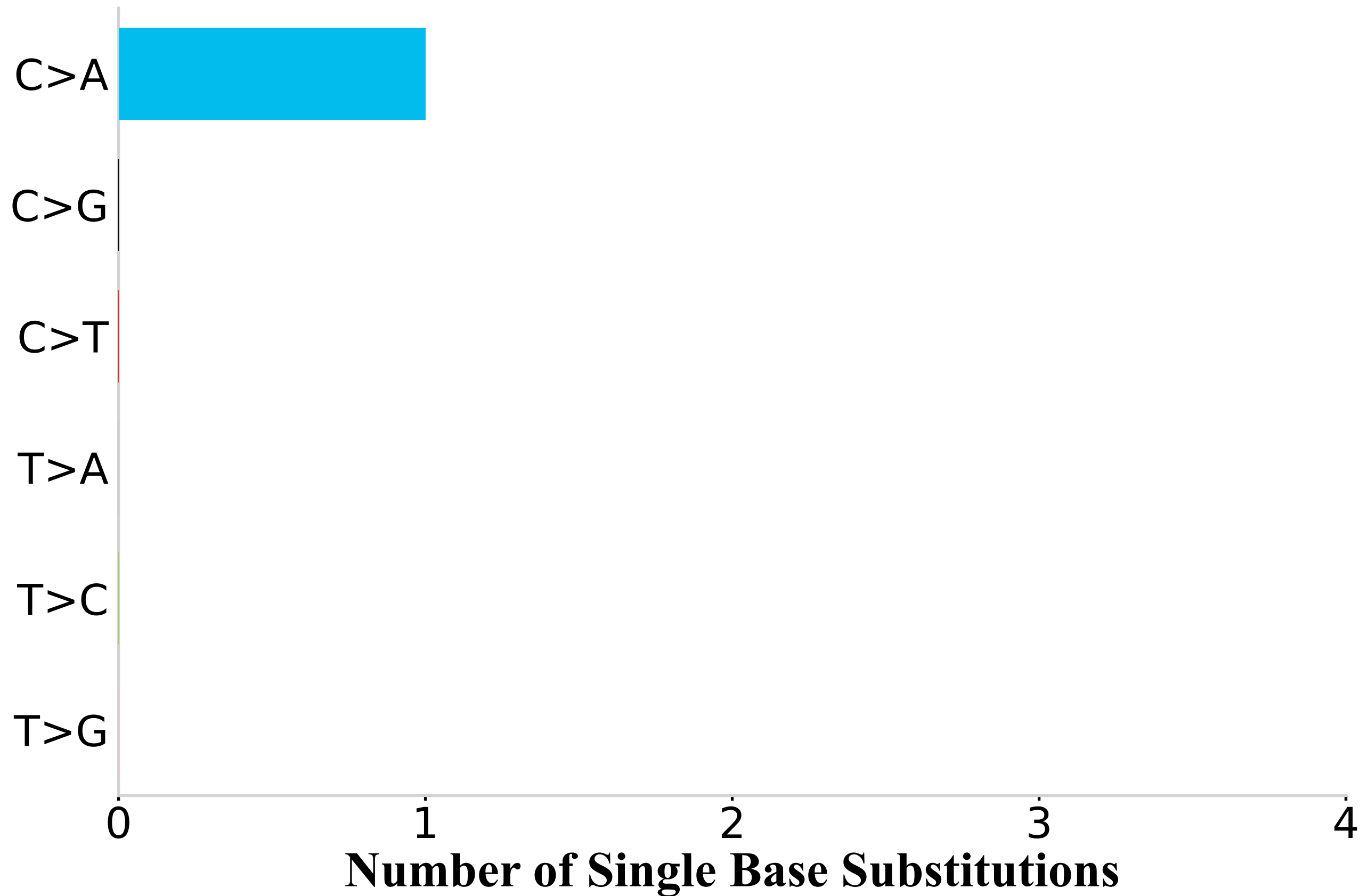
Number of Single Base Substitutions



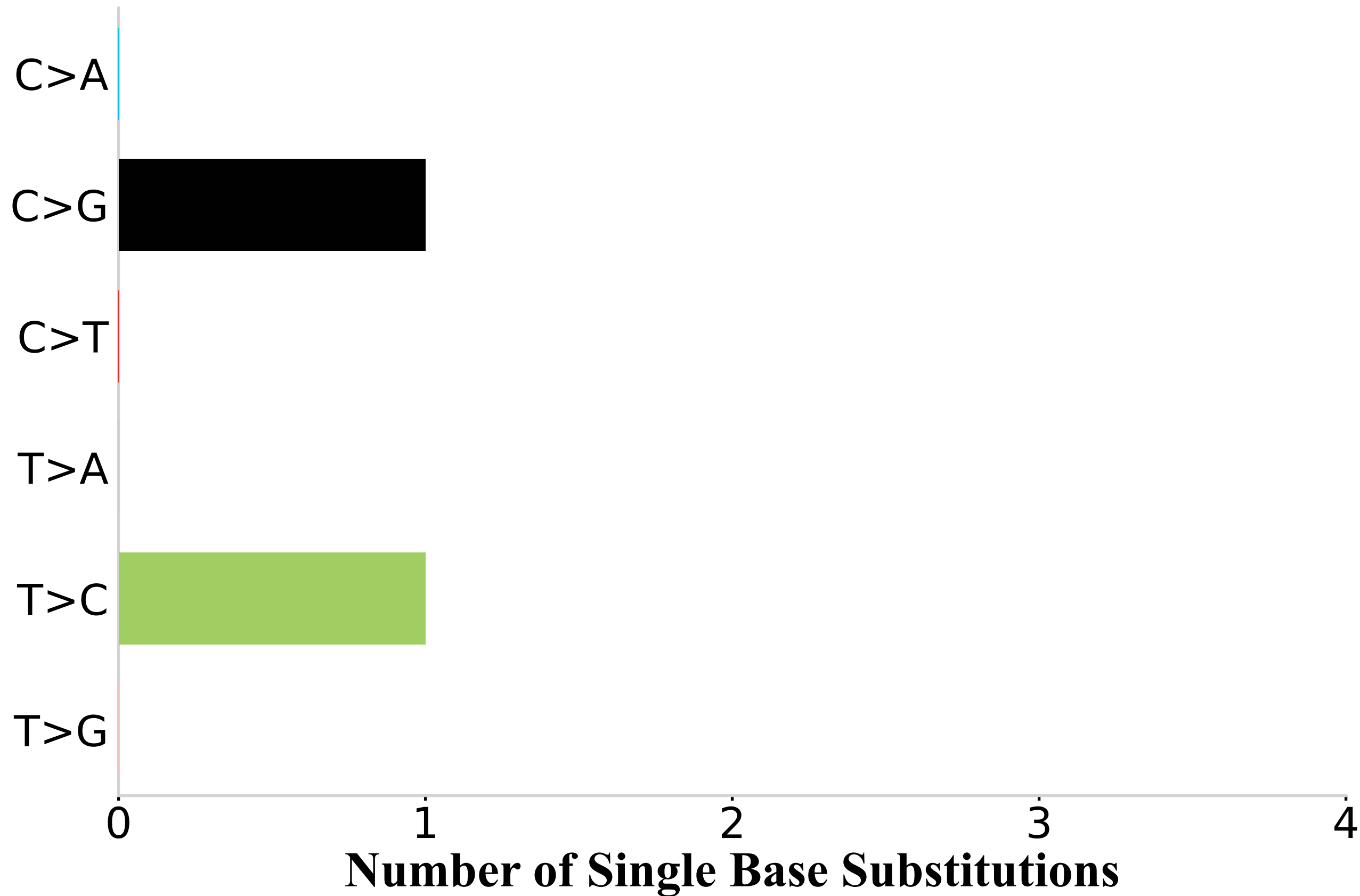
P-0044303-T01-IM6: 2 subs



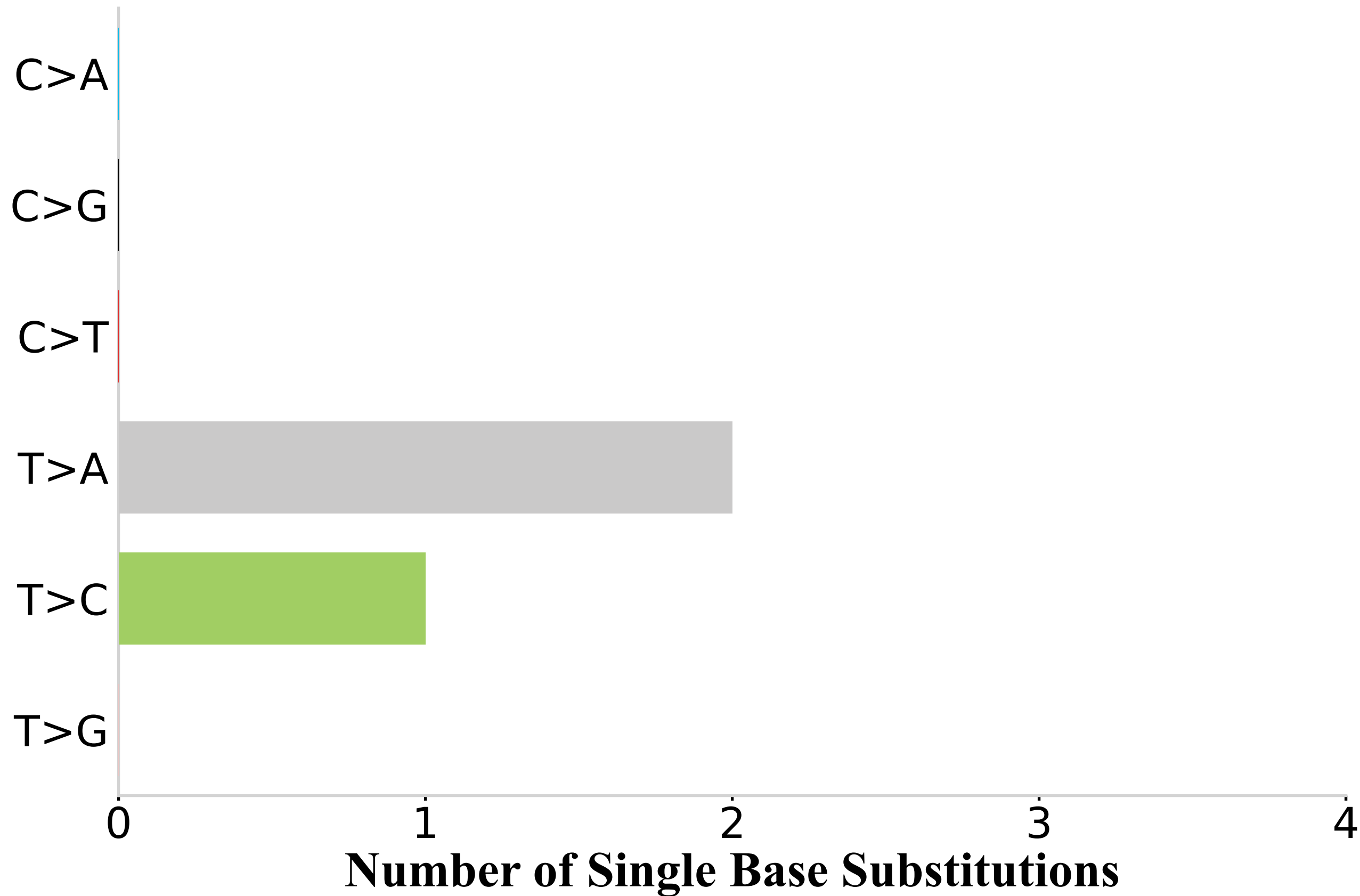
P-0044370-T01-IM6: 1 subs



P-0044481-T01-IM6: 2 subs



P-0045138-T01-IM6: 3 subs



P-0045145-T01-IM6: 0 subs

C>A

C>G

C>T

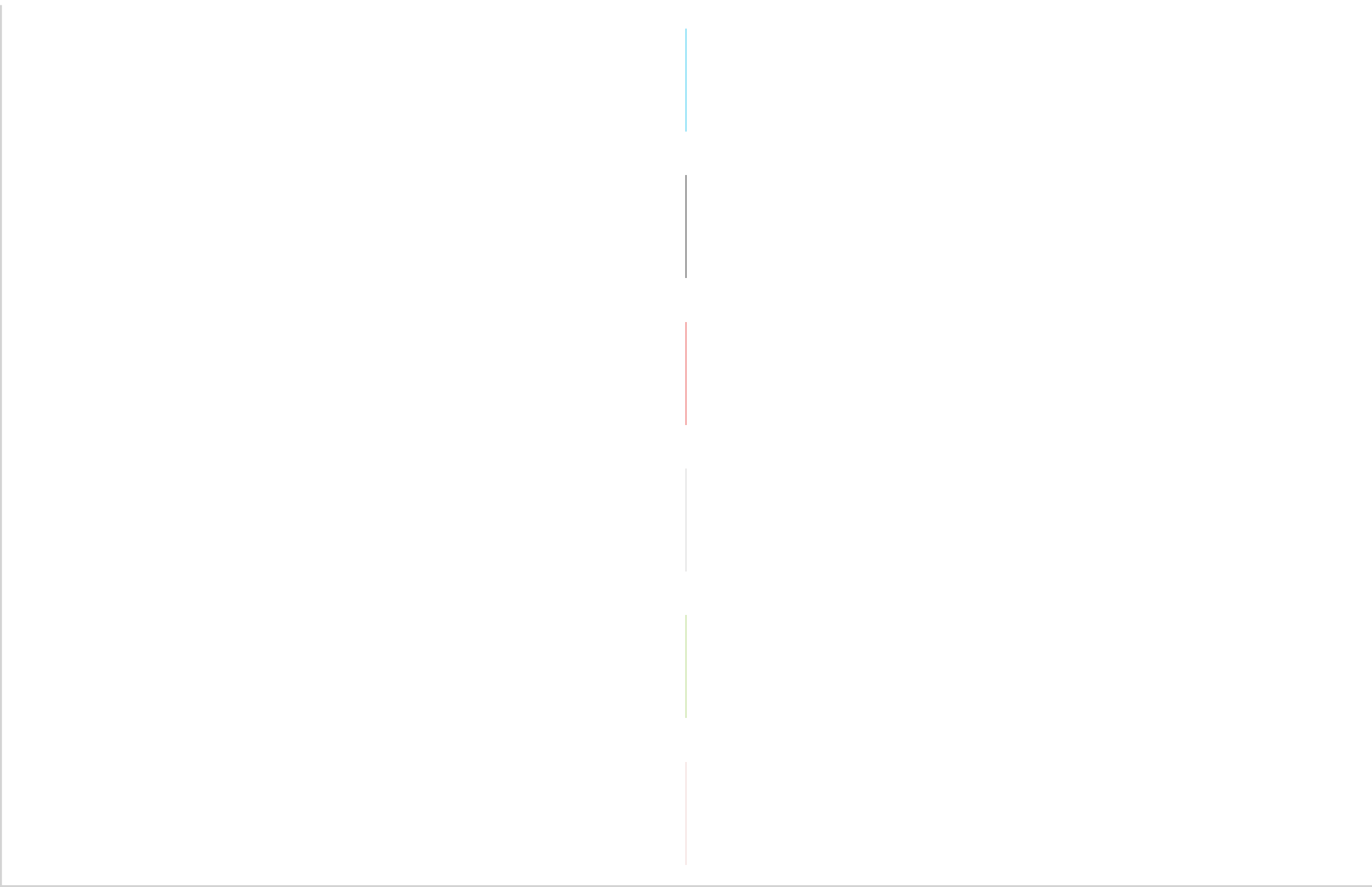
T>A

T>C

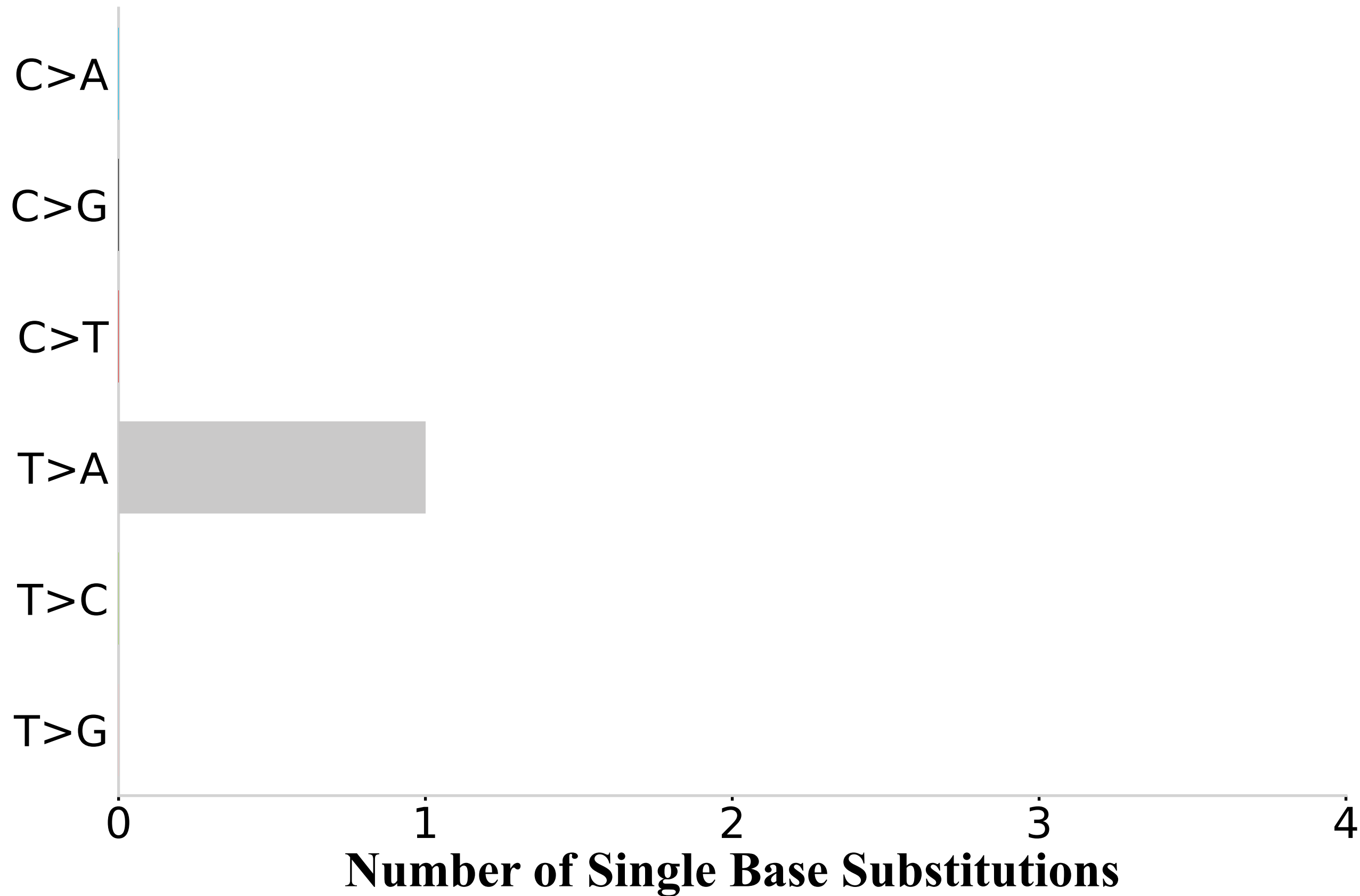
T>G

0

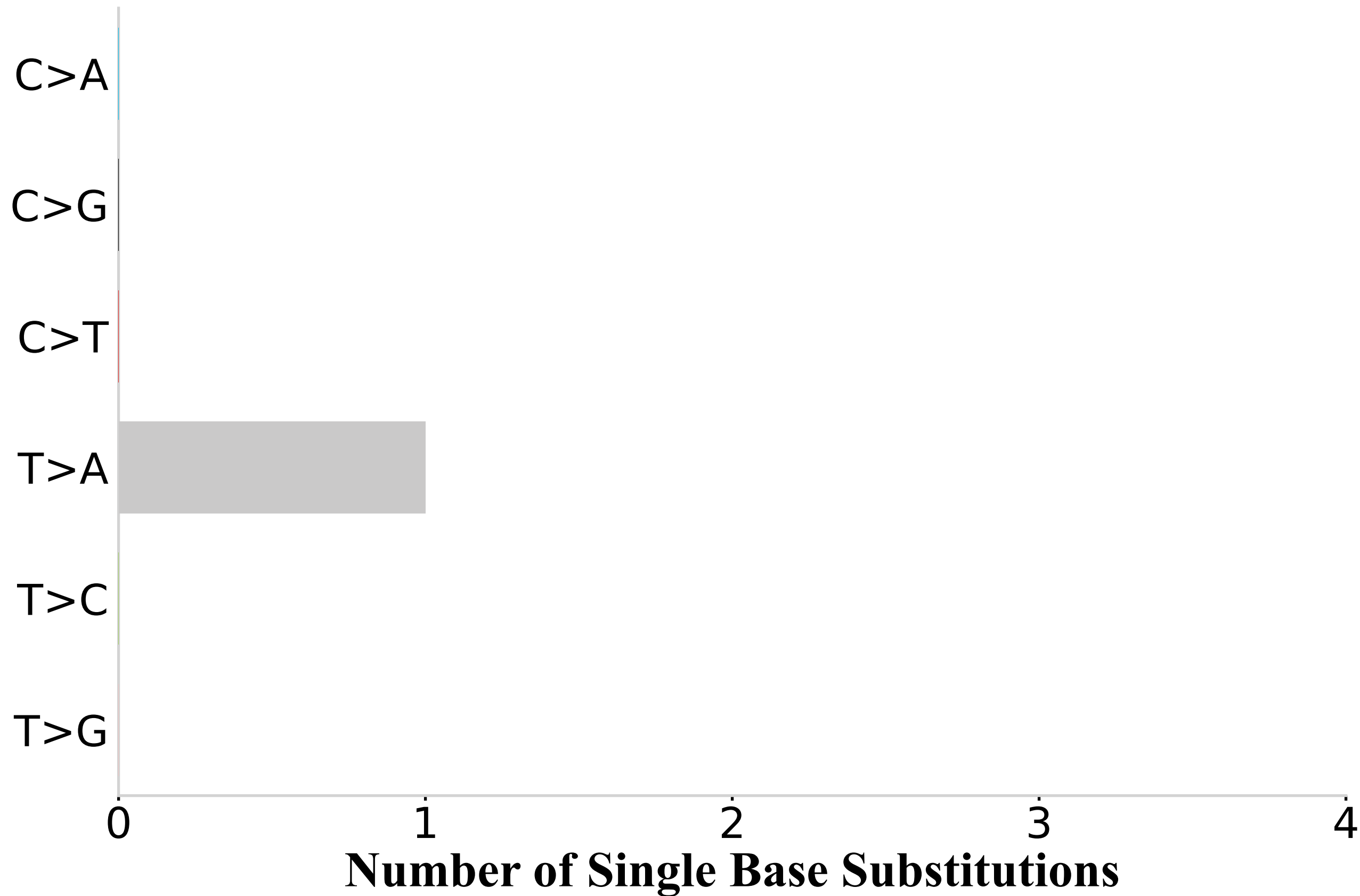
Number of Single Base Substitutions



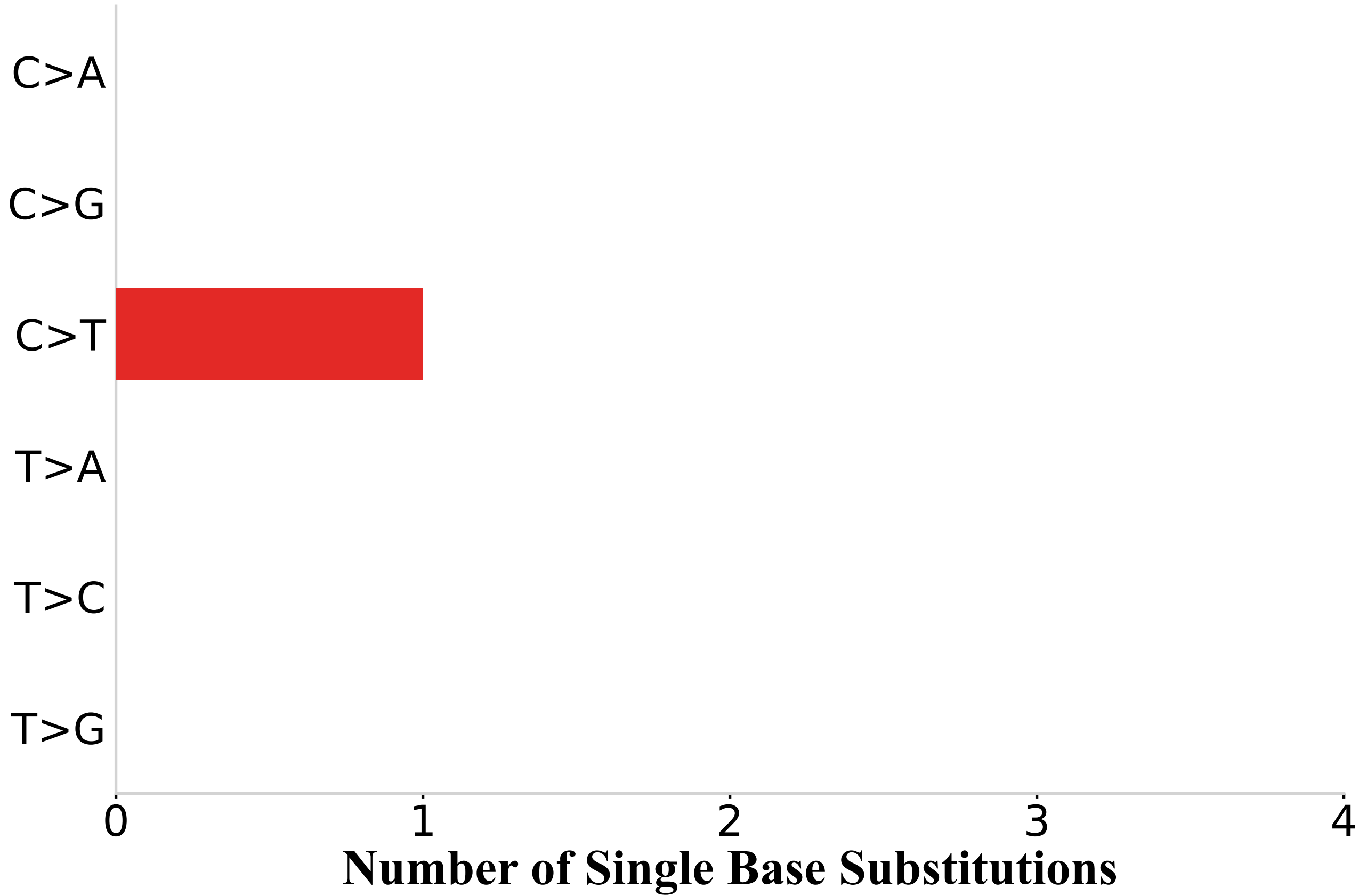
P-0045178-T01-IM6: 1 subs



P-0045969-T01-IM6: 1 subs



P-0046006-T01-IM6: 1 subs



P-0046084-T01-IM6: 0 subs

C>A

C>G

C>T

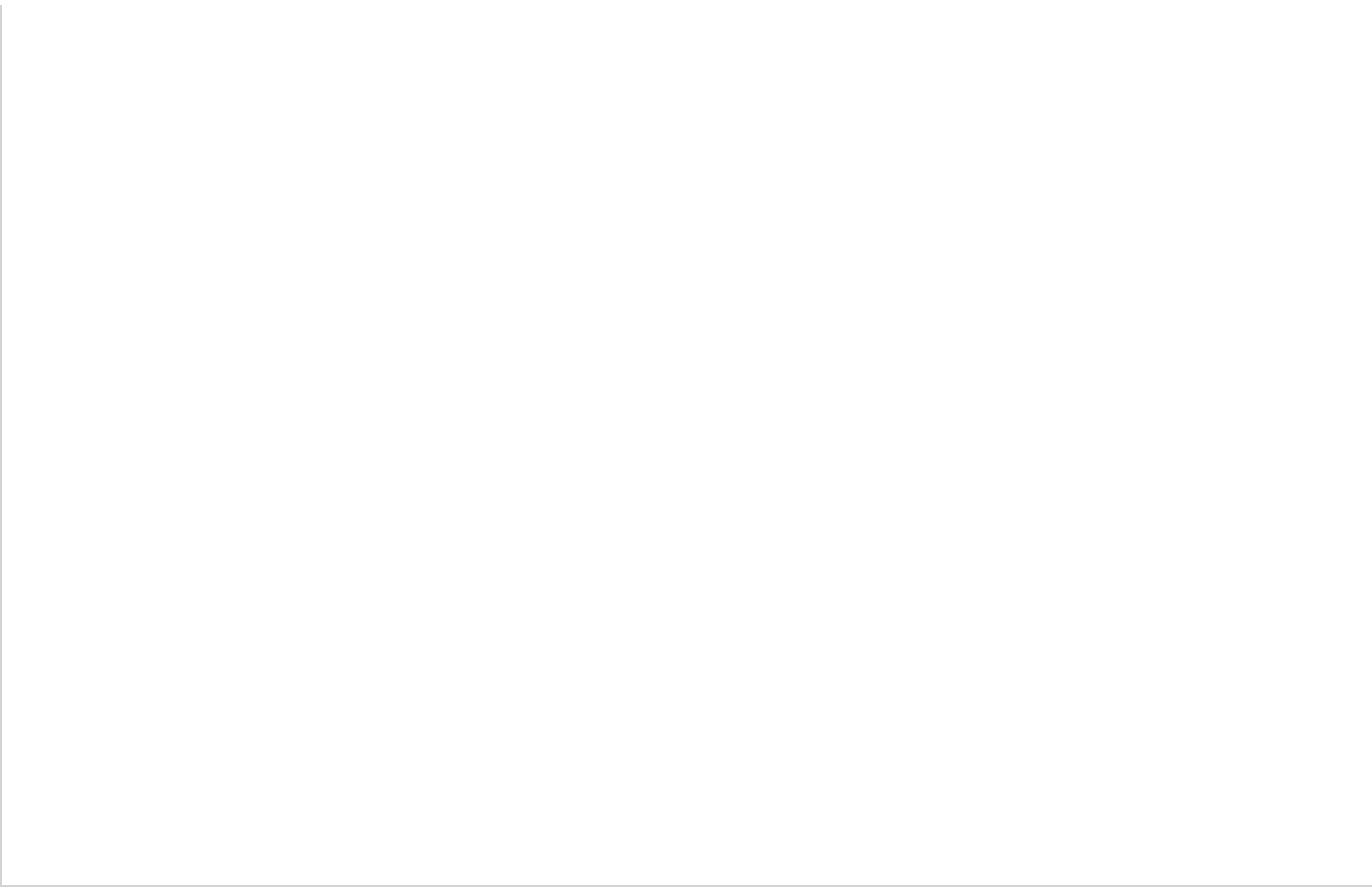
T>A

T>C

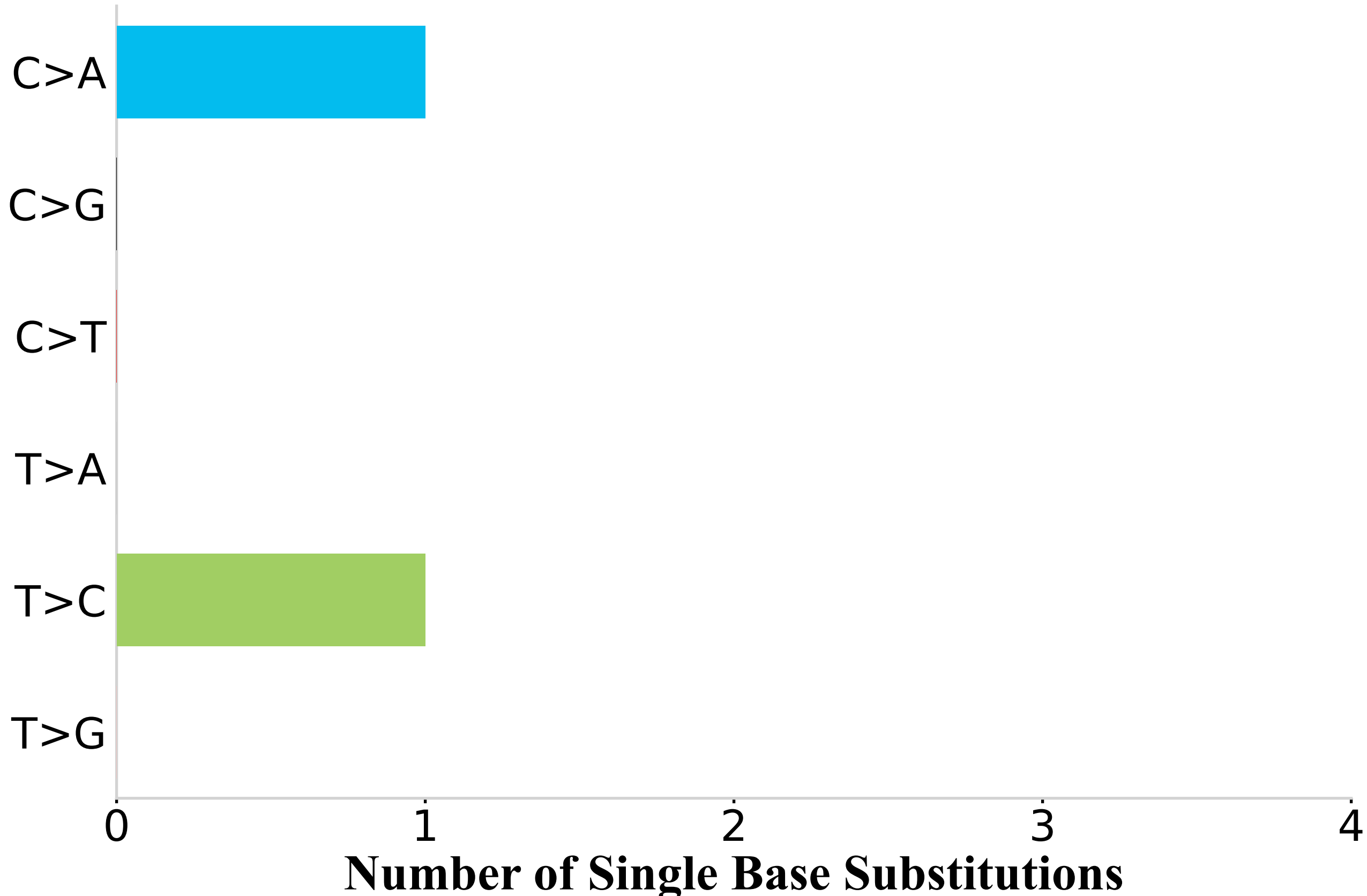
T>G

0

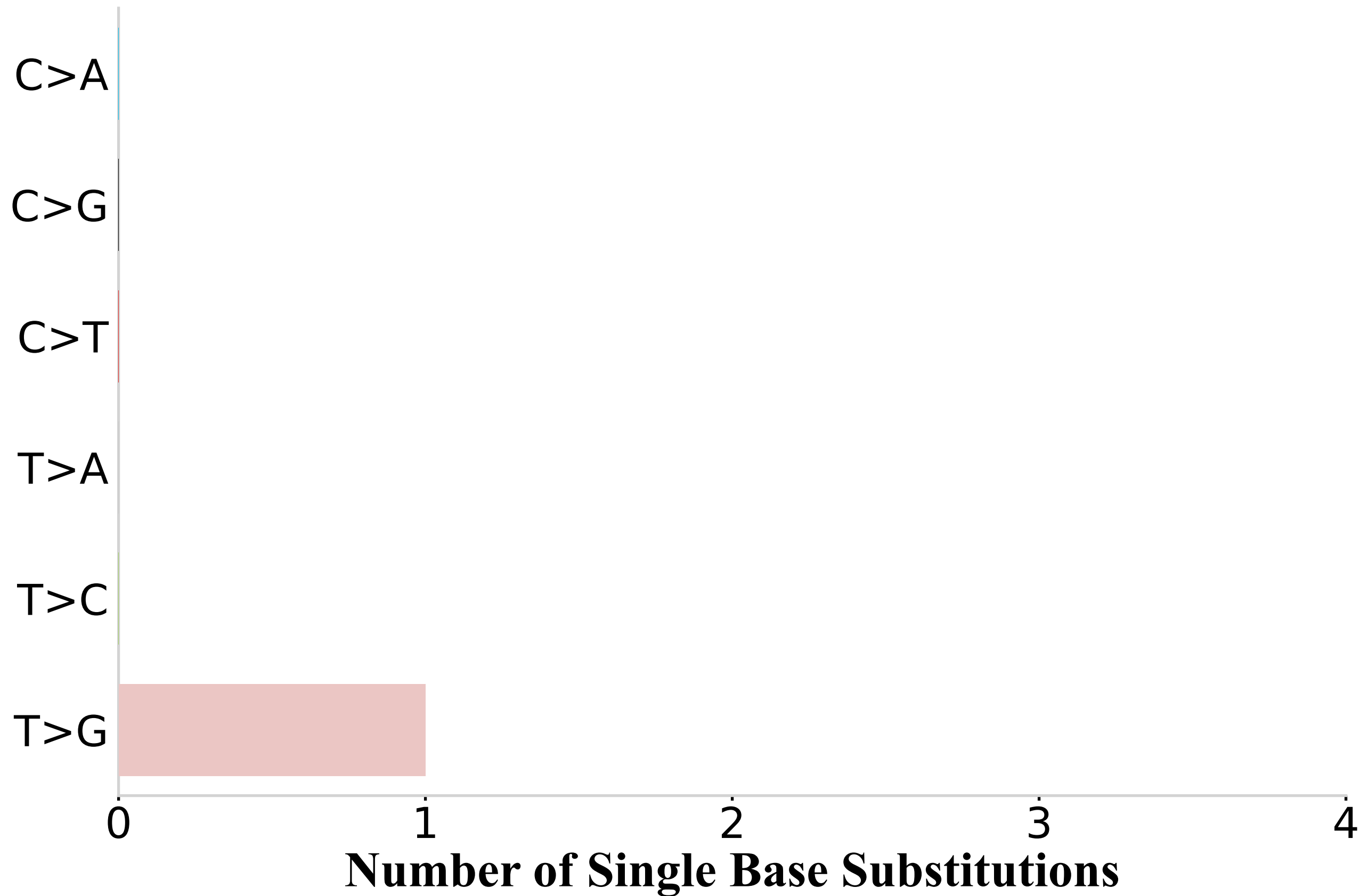
Number of Single Base Substitutions



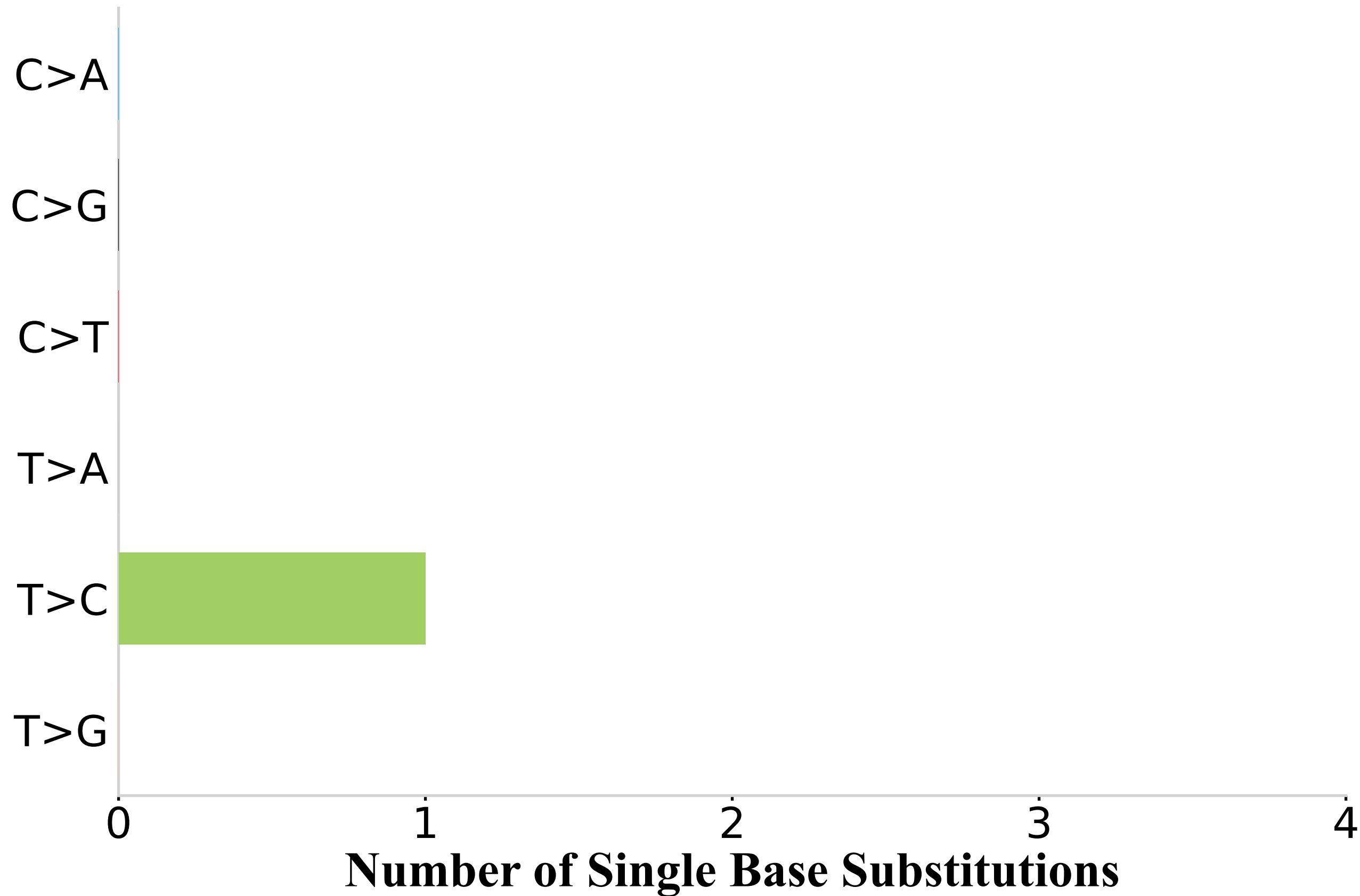
P-0046231-T01-IM6: 2 subs



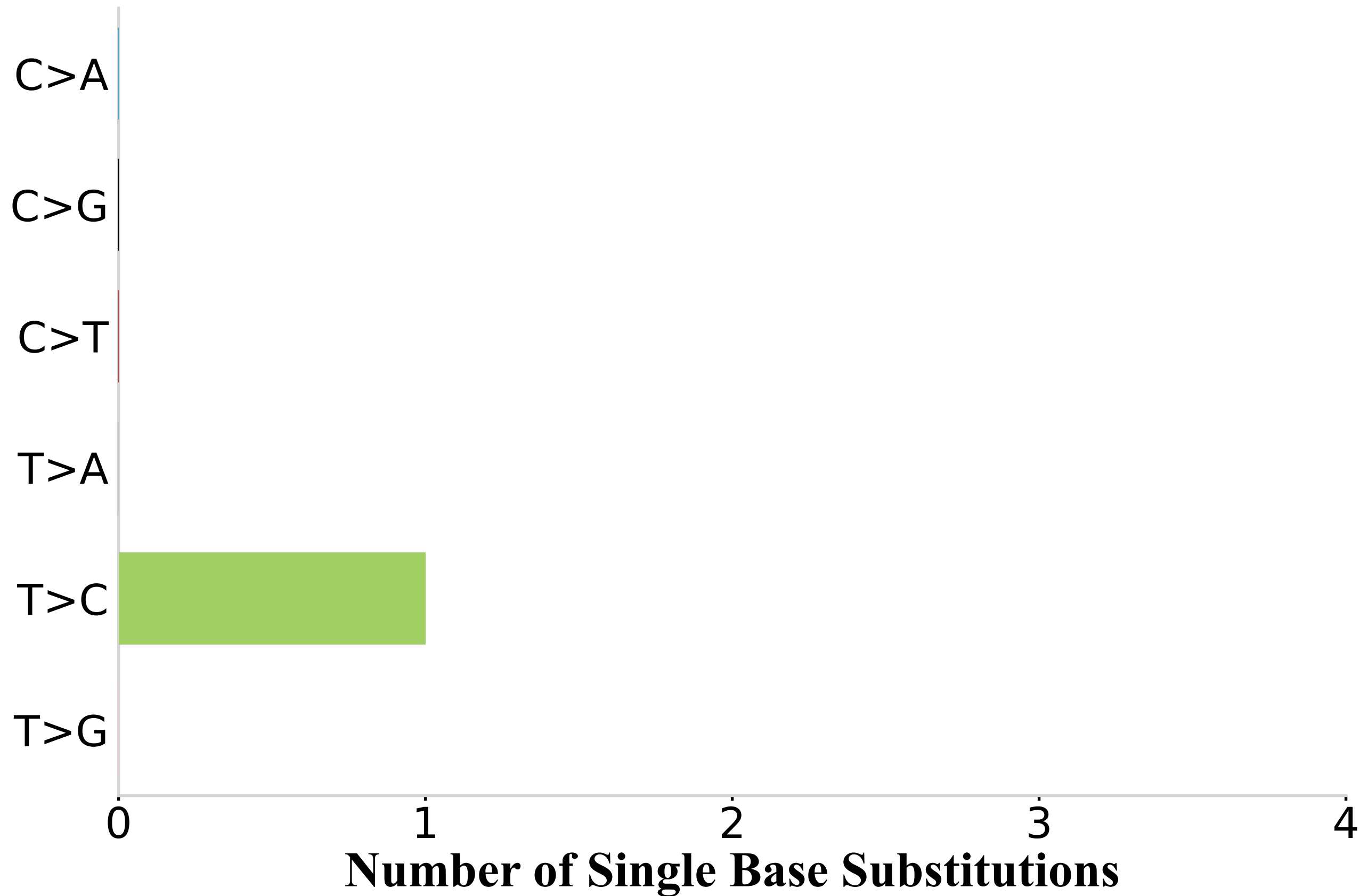
P-0046251-T01-IM6: 1 subs



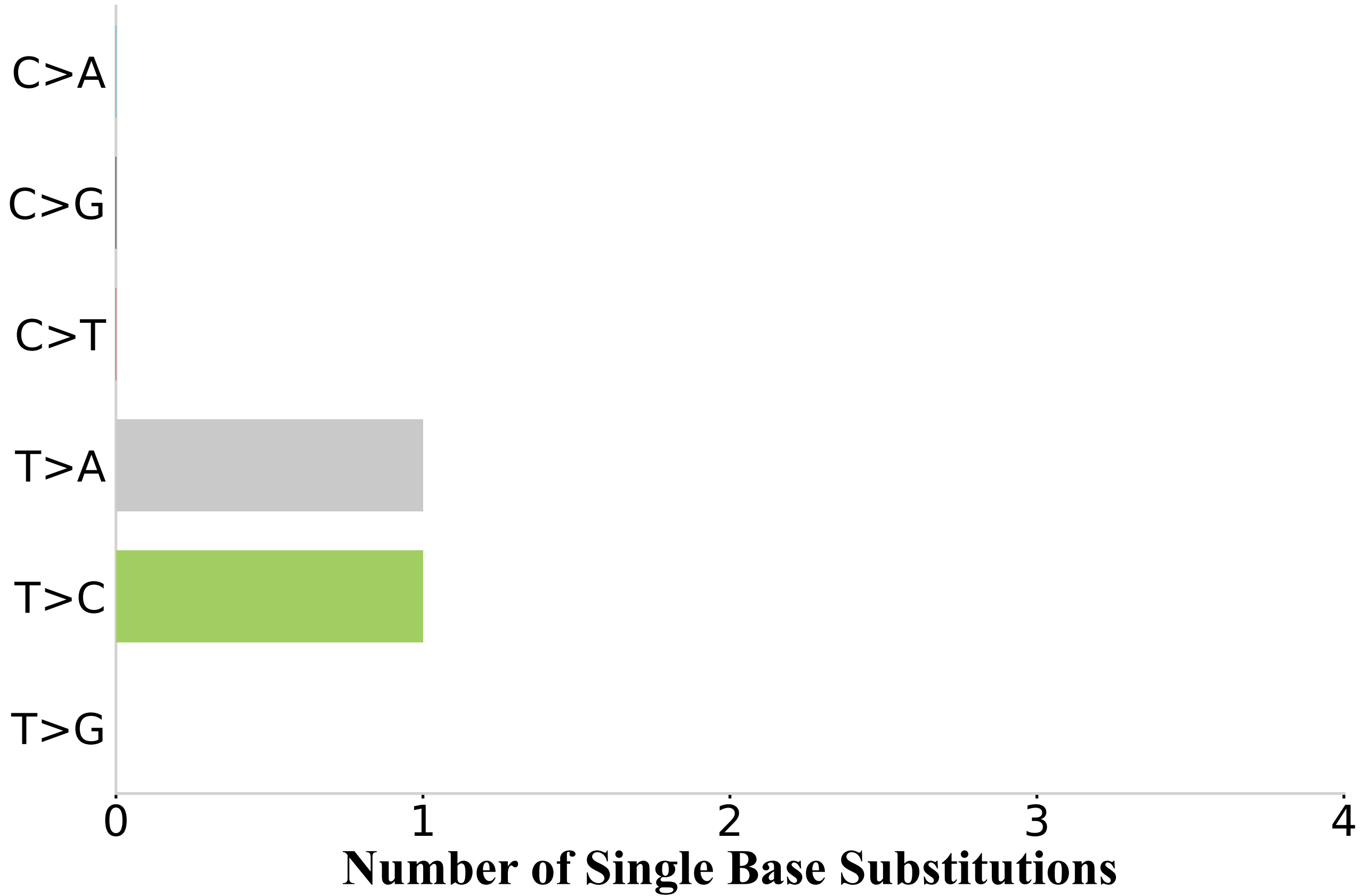
P-0046440-T01-IM6: 1 subs



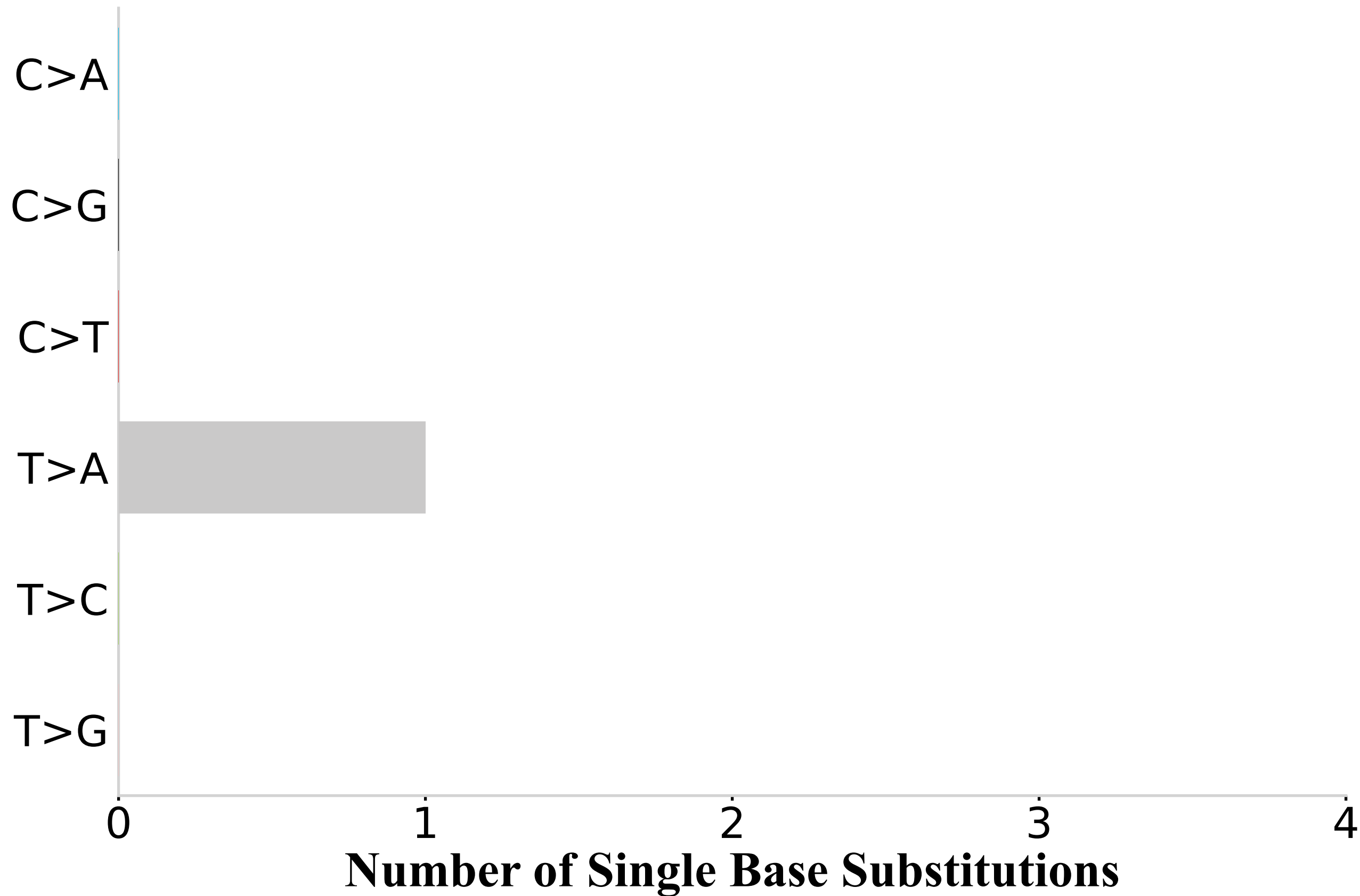
P-0046483-T01-IM6: 1 subs



P-0046896-T01-IM6: 2 subs



P-0047153-T01-IM6: 1 subs



P-0047159-T01-IM6: 0 subs

C>A

C>G

C>T

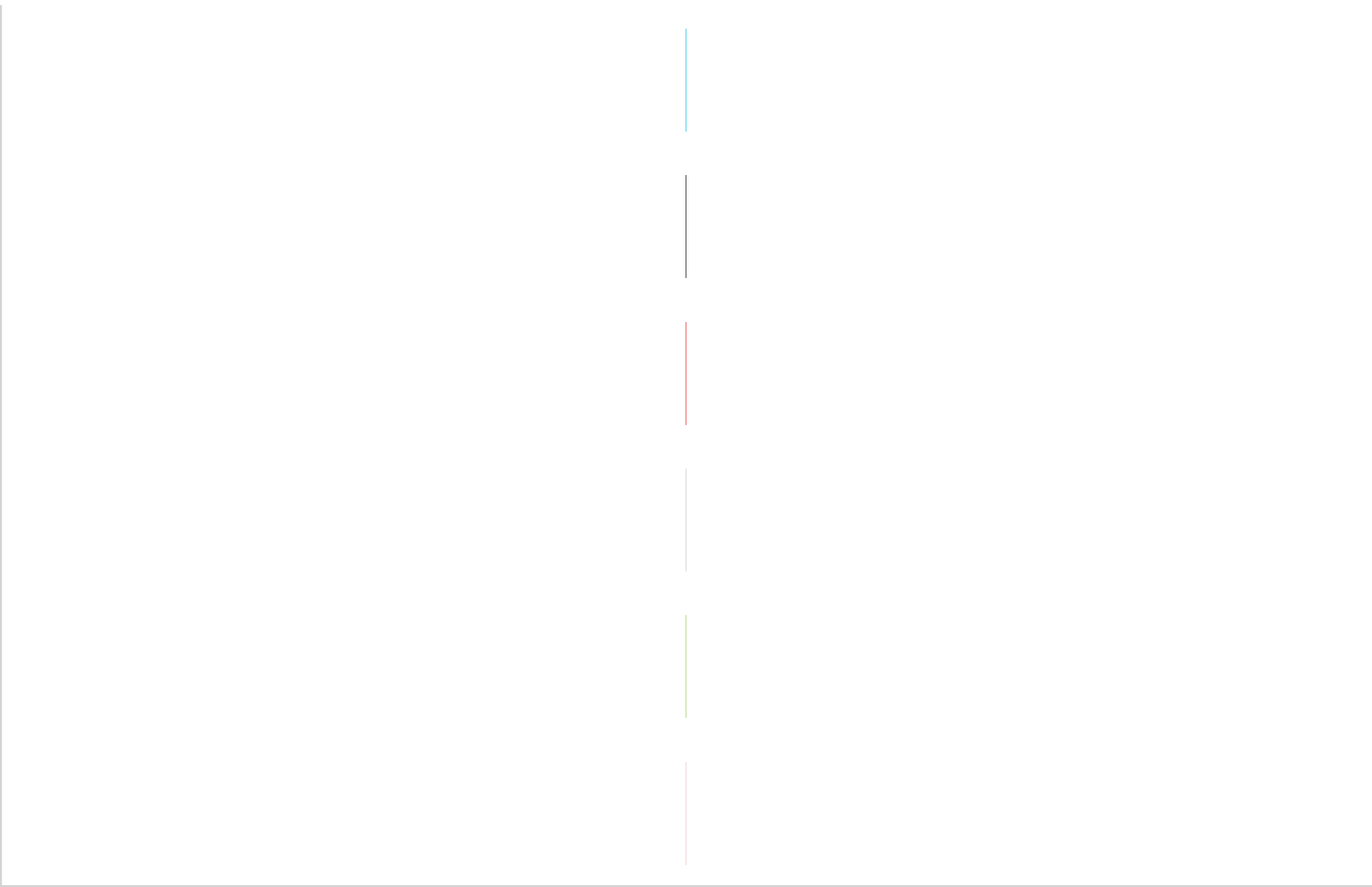
T>A

T>C

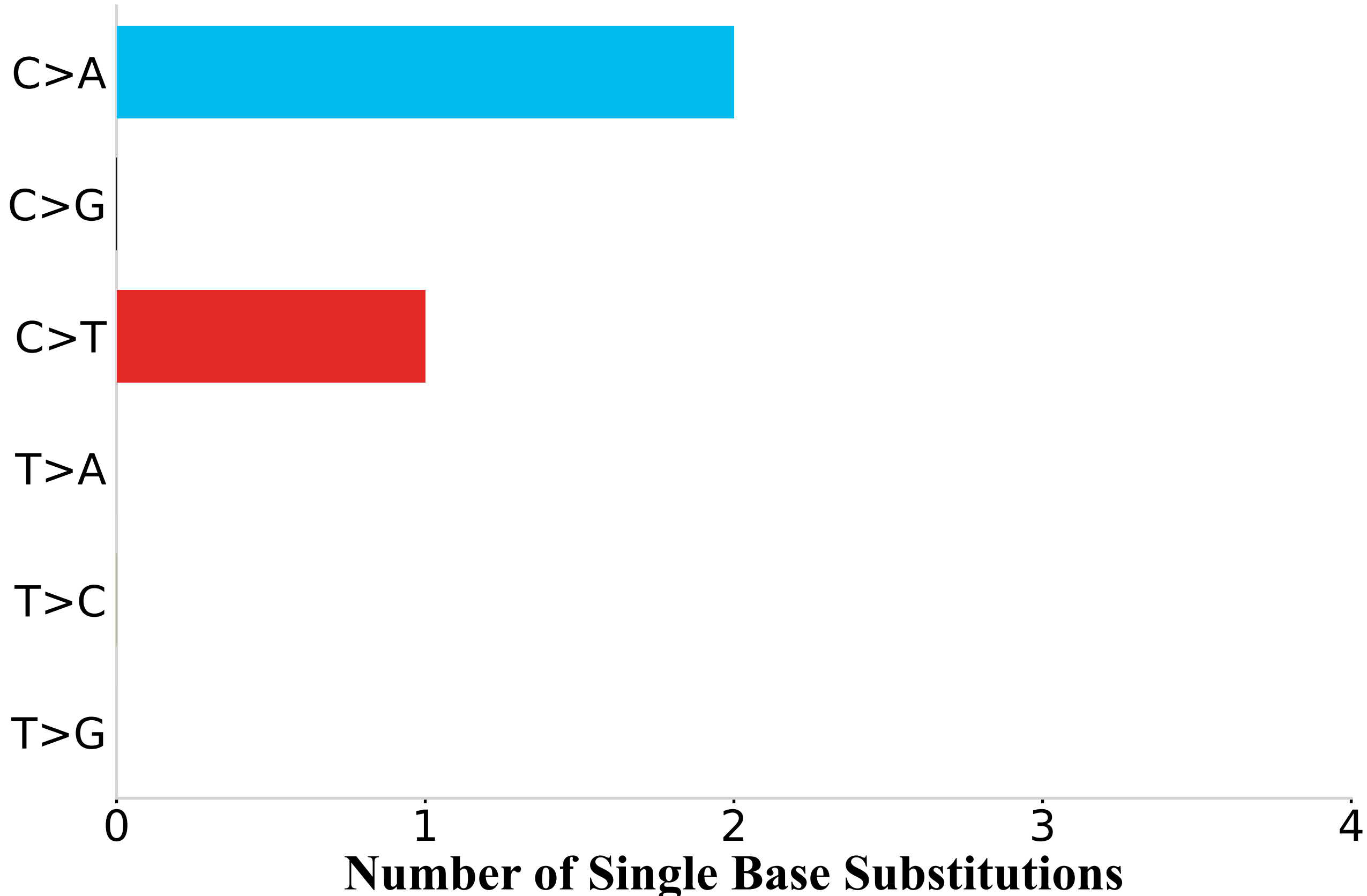
T>G

0

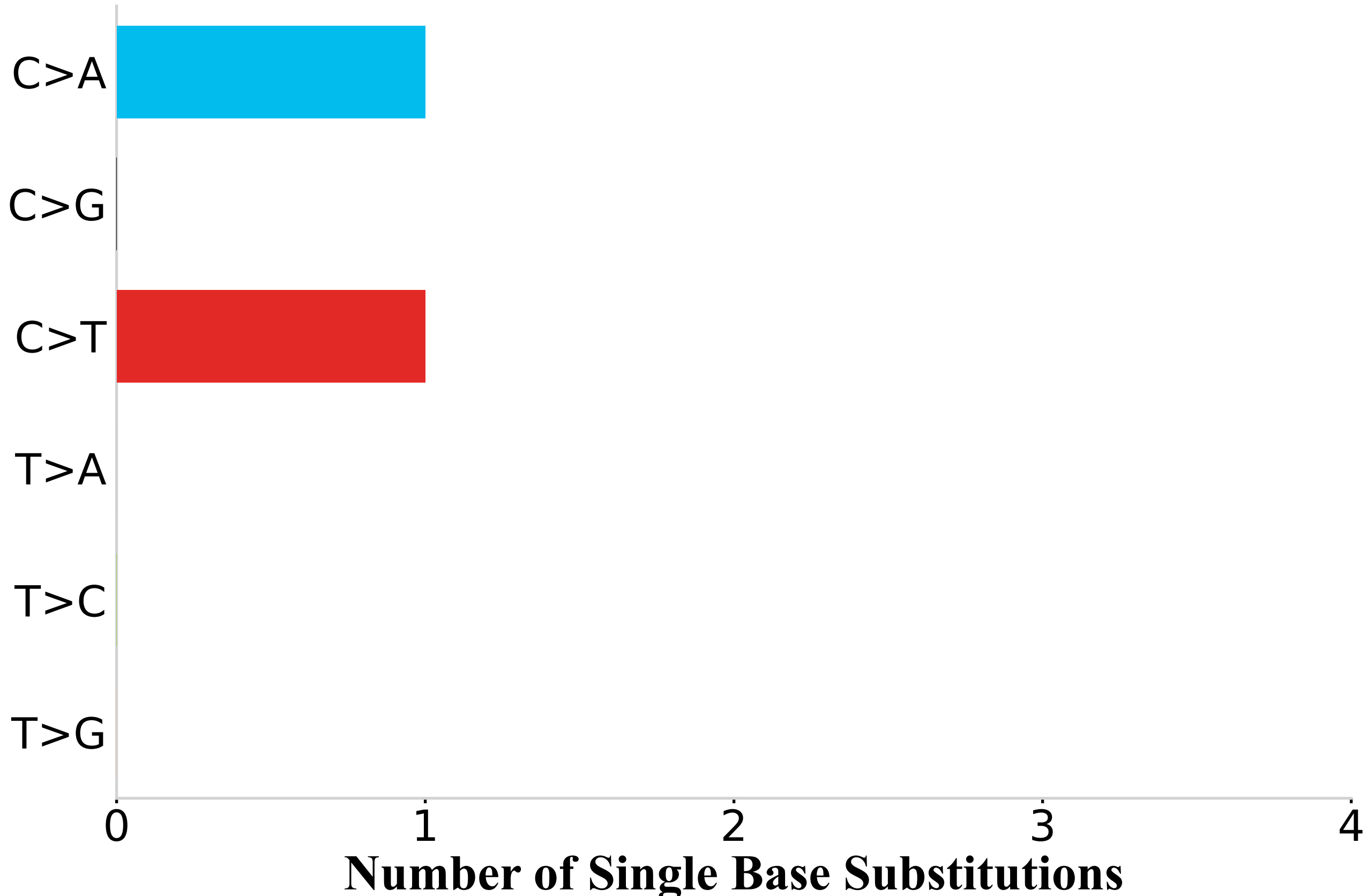
Number of Single Base Substitutions



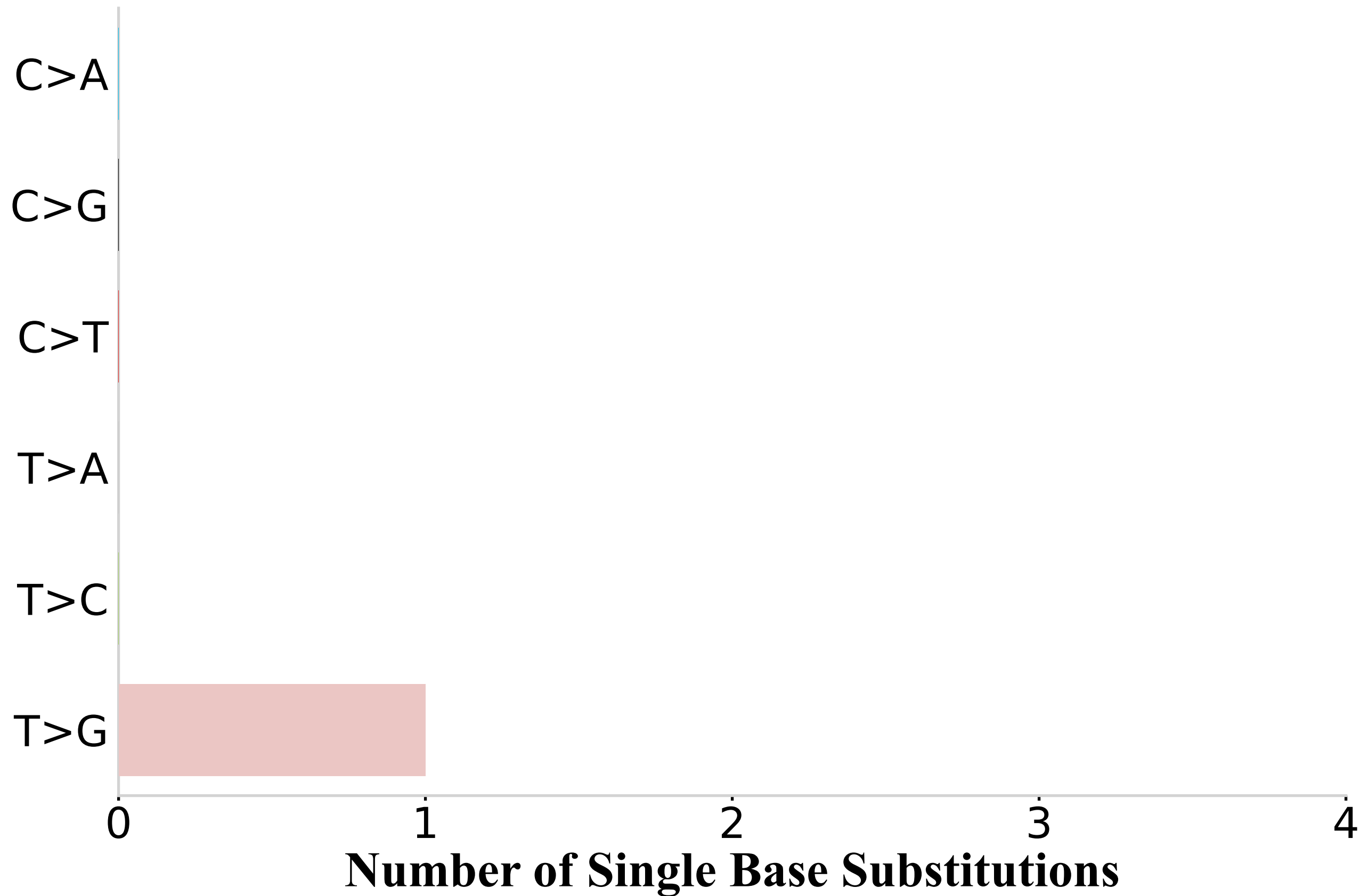
P-0047565-T01-IM6: 3 subs



P-0047600-T01-IM6: 2 subs



P-0048006-T01-IM6: 1 subs



P-0048051-T01-IM6: 6 subs

C>A

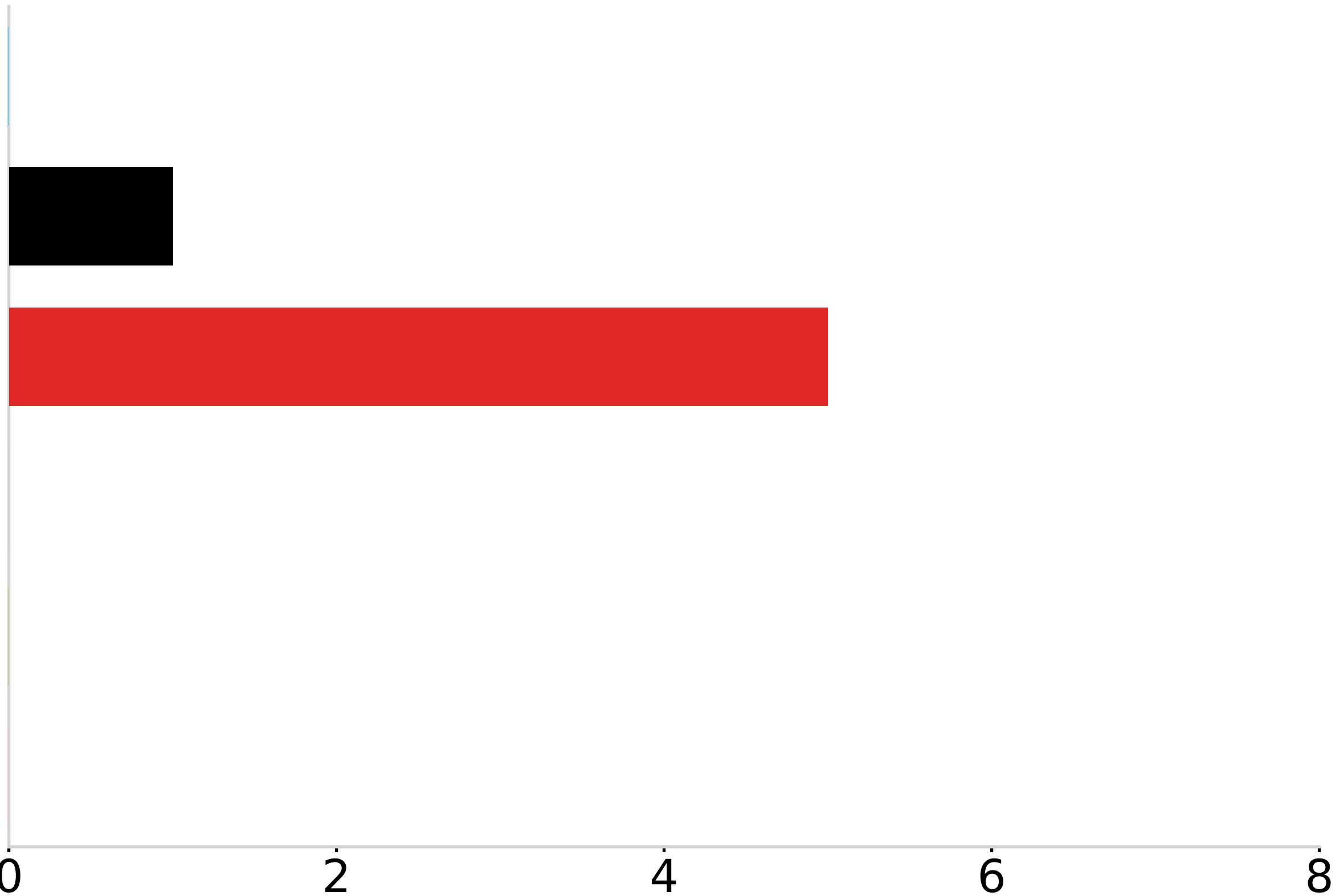
C>G

C>T

T>A

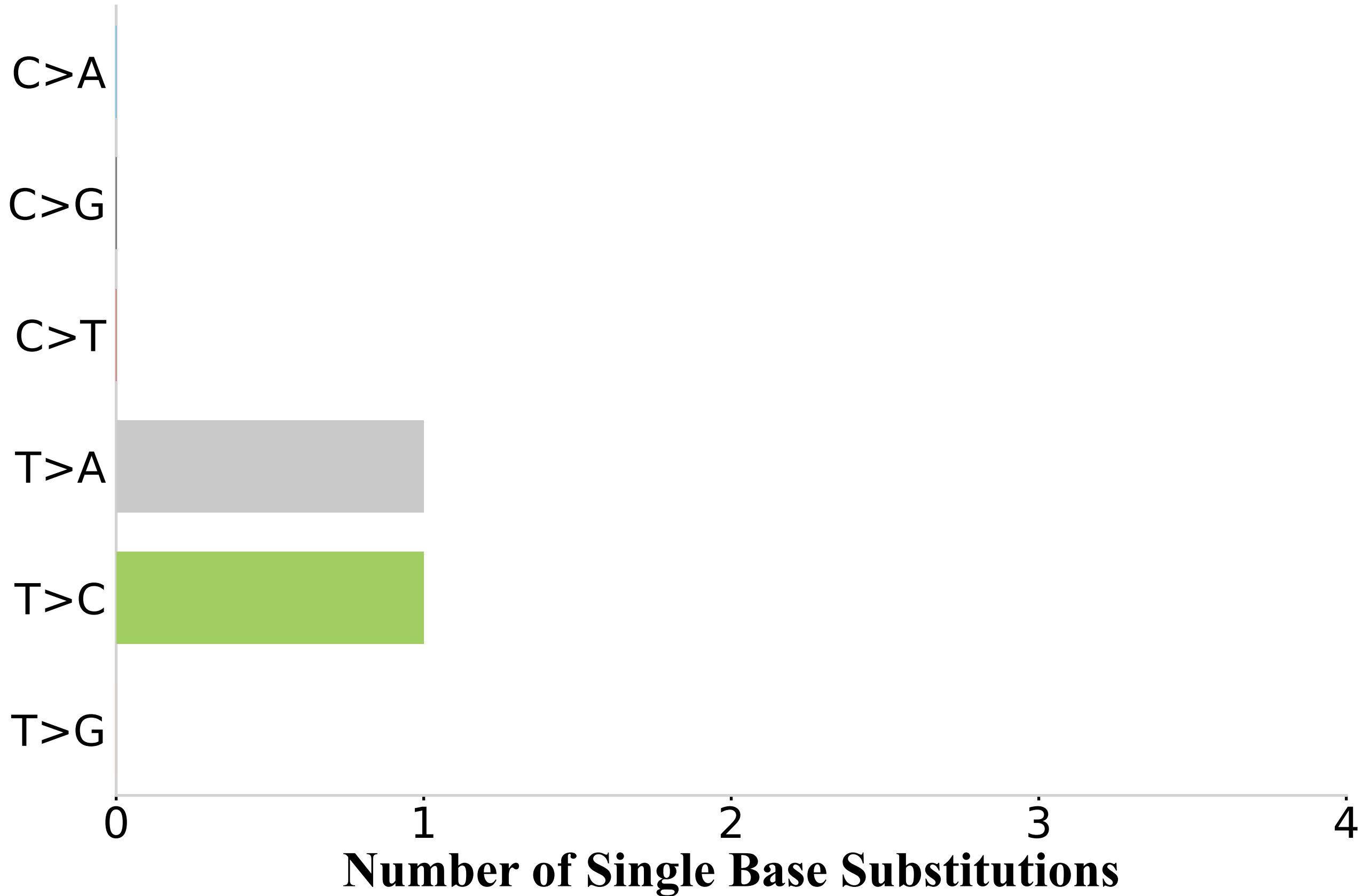
T>C

T>G

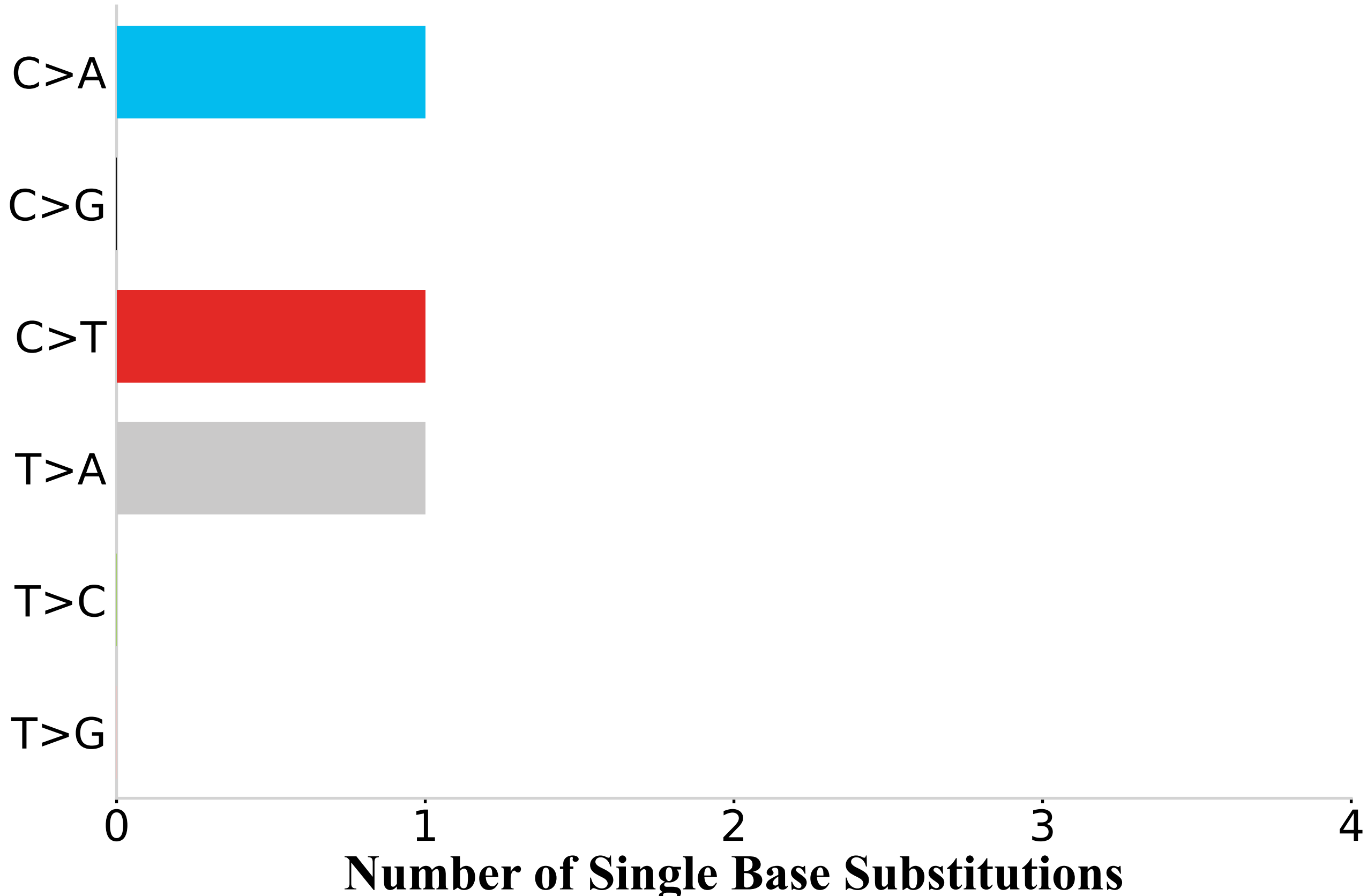


Number of Single Base Substitutions

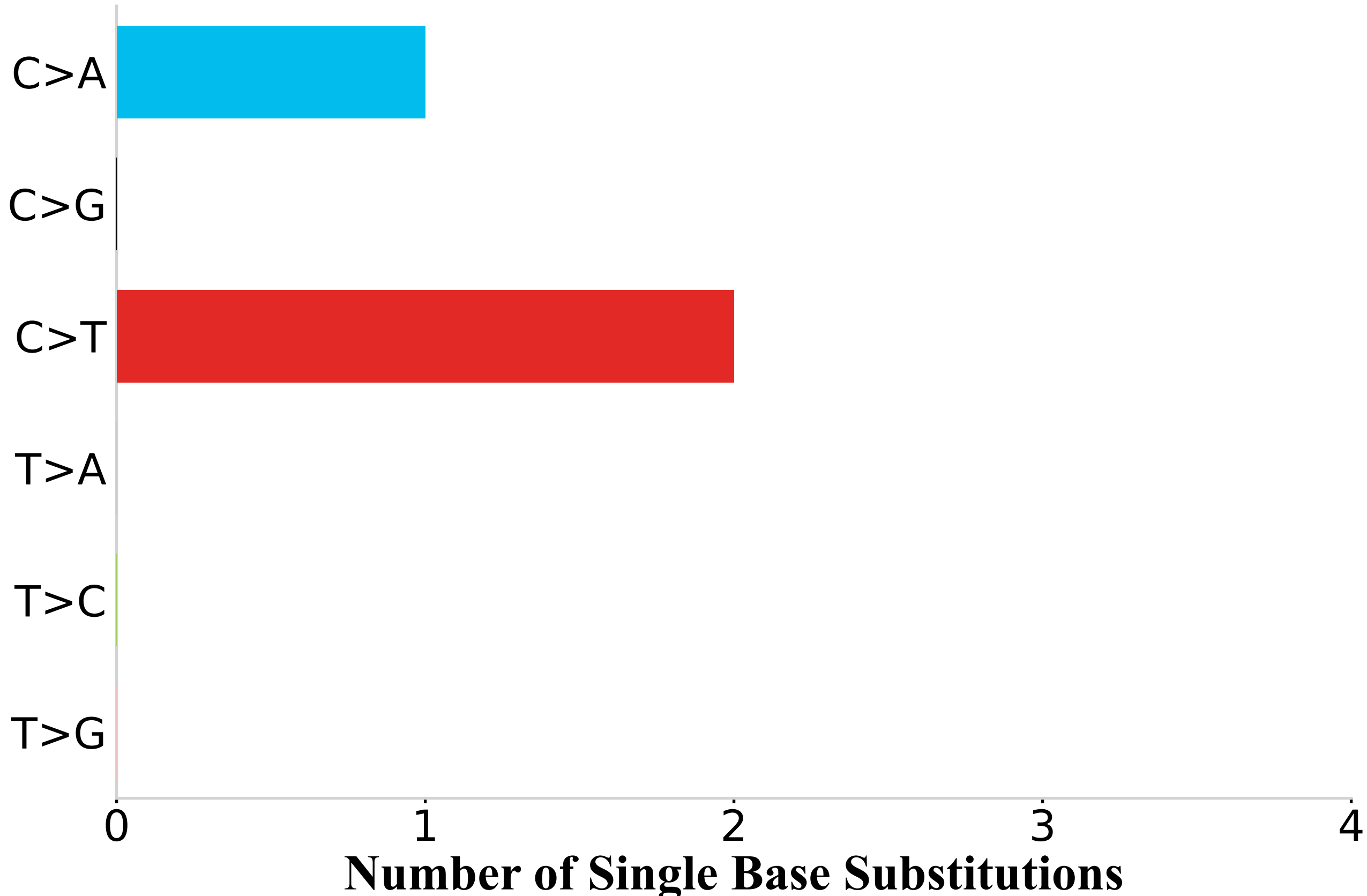
P-0048138-T01-IM6: 2 subs



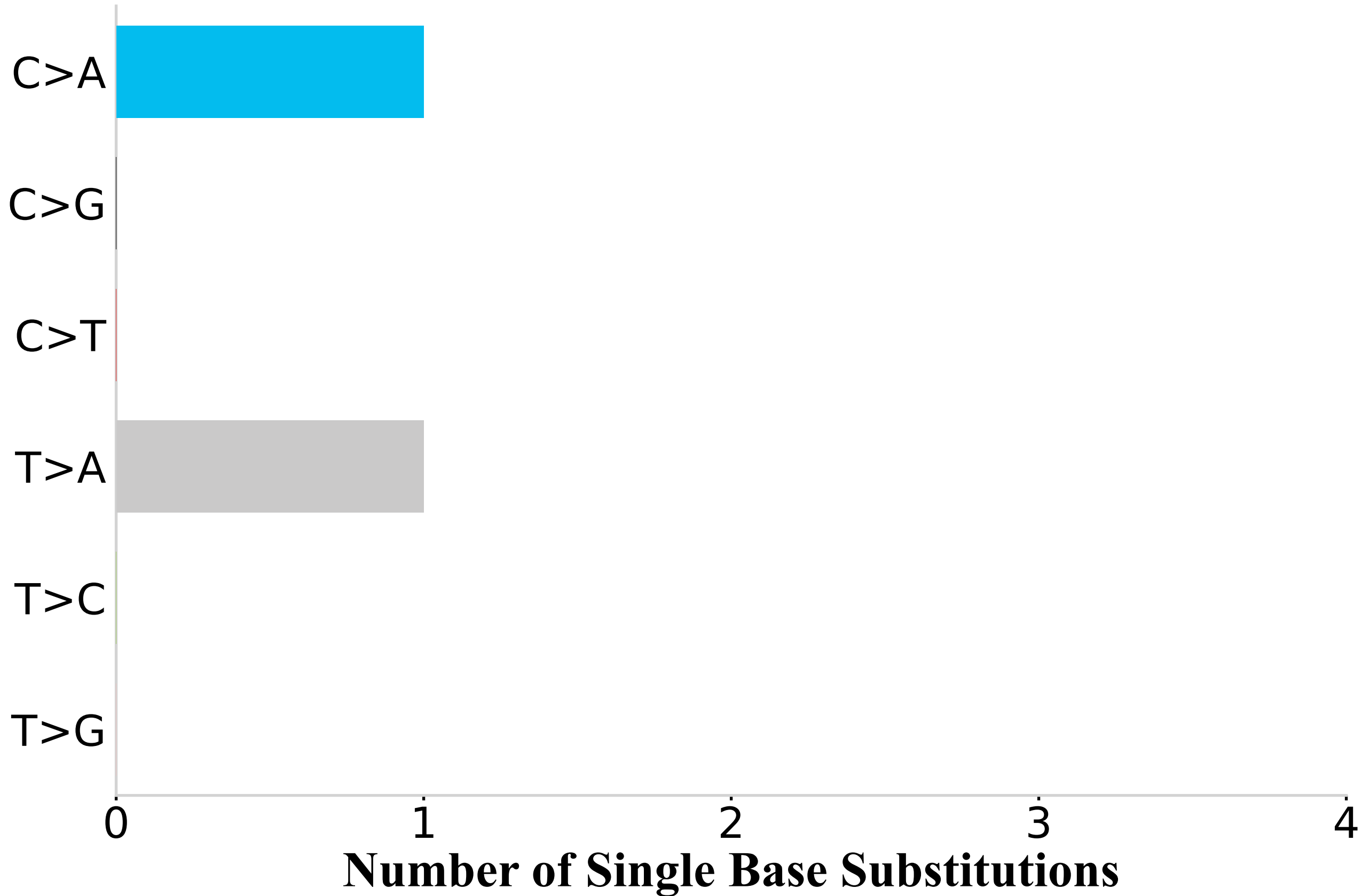
P-0048280-T02-IM6: 3 subs



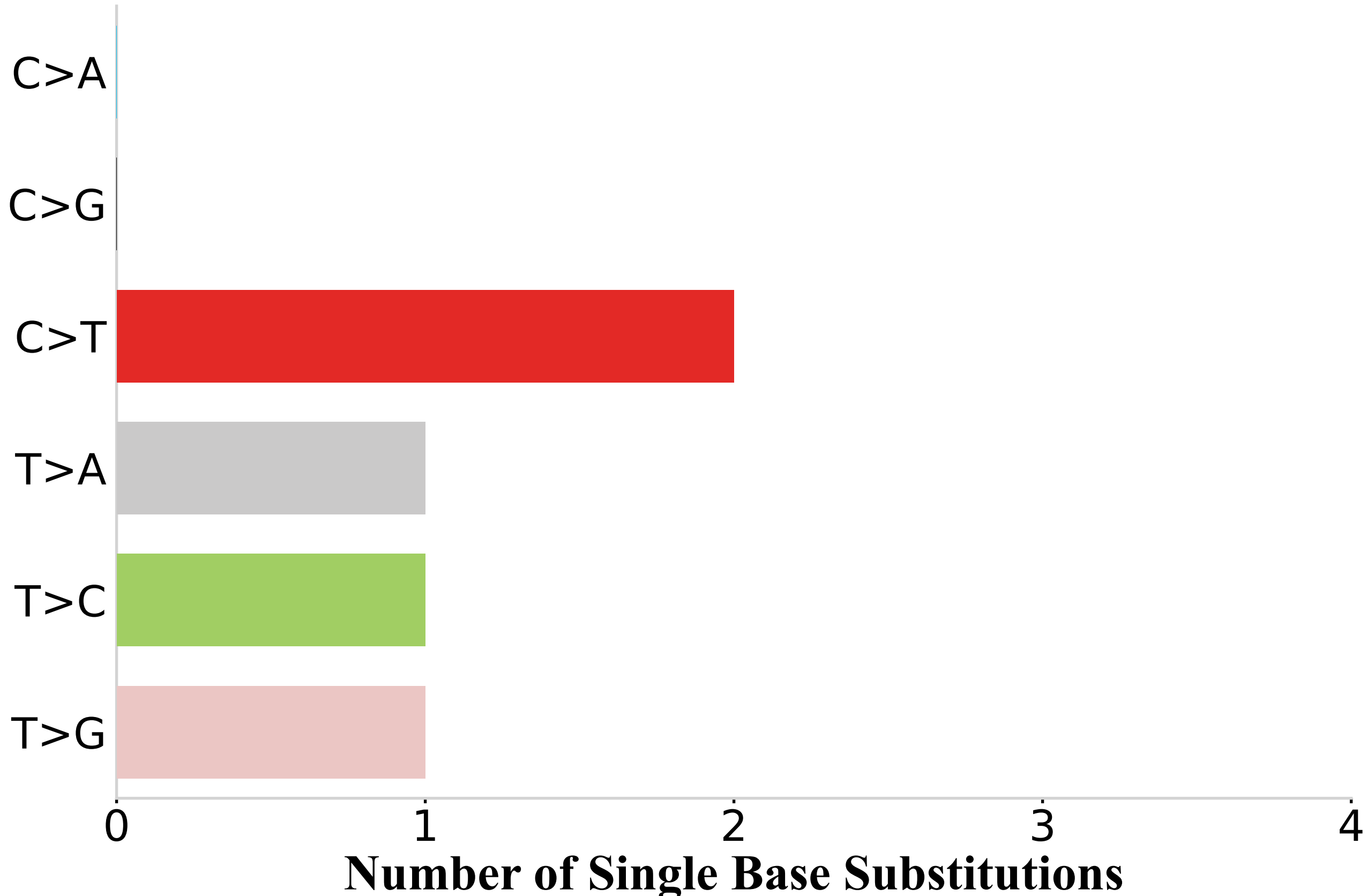
P-0048547-T01-IM6: 3 subs



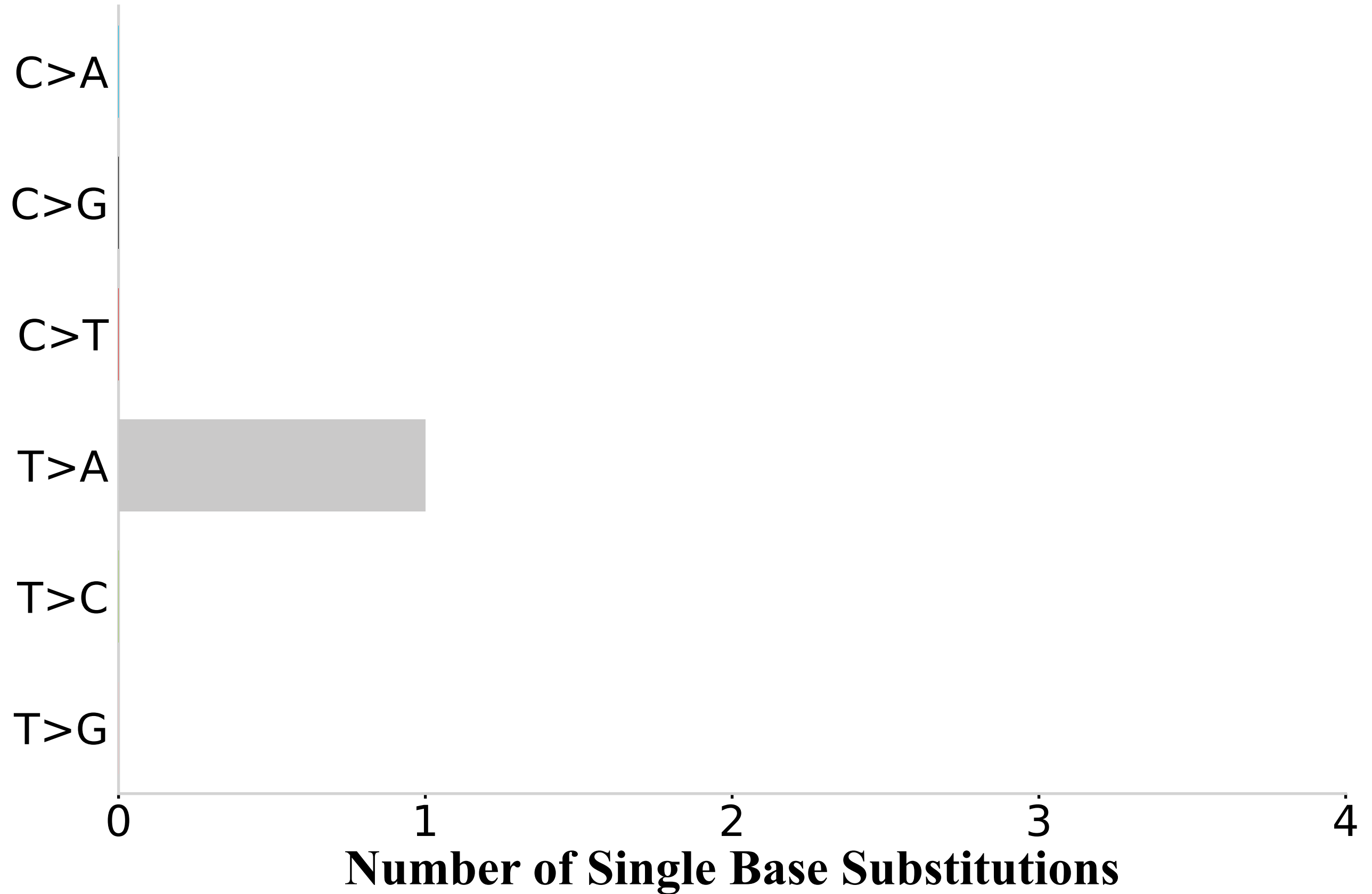
P-0048586-T01-IM6: 2 subs



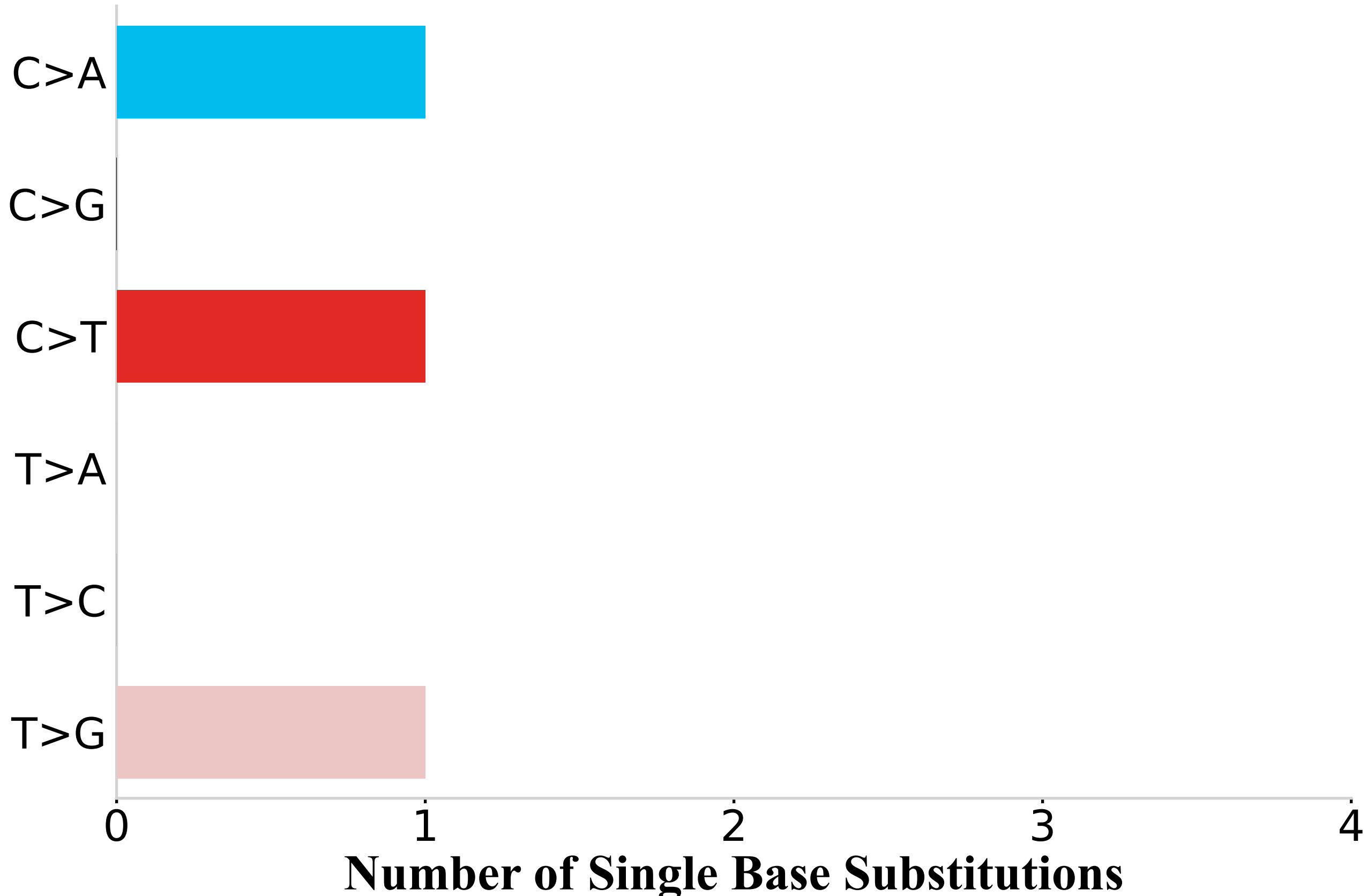
P-0048771-T01-IM6: 5 subs



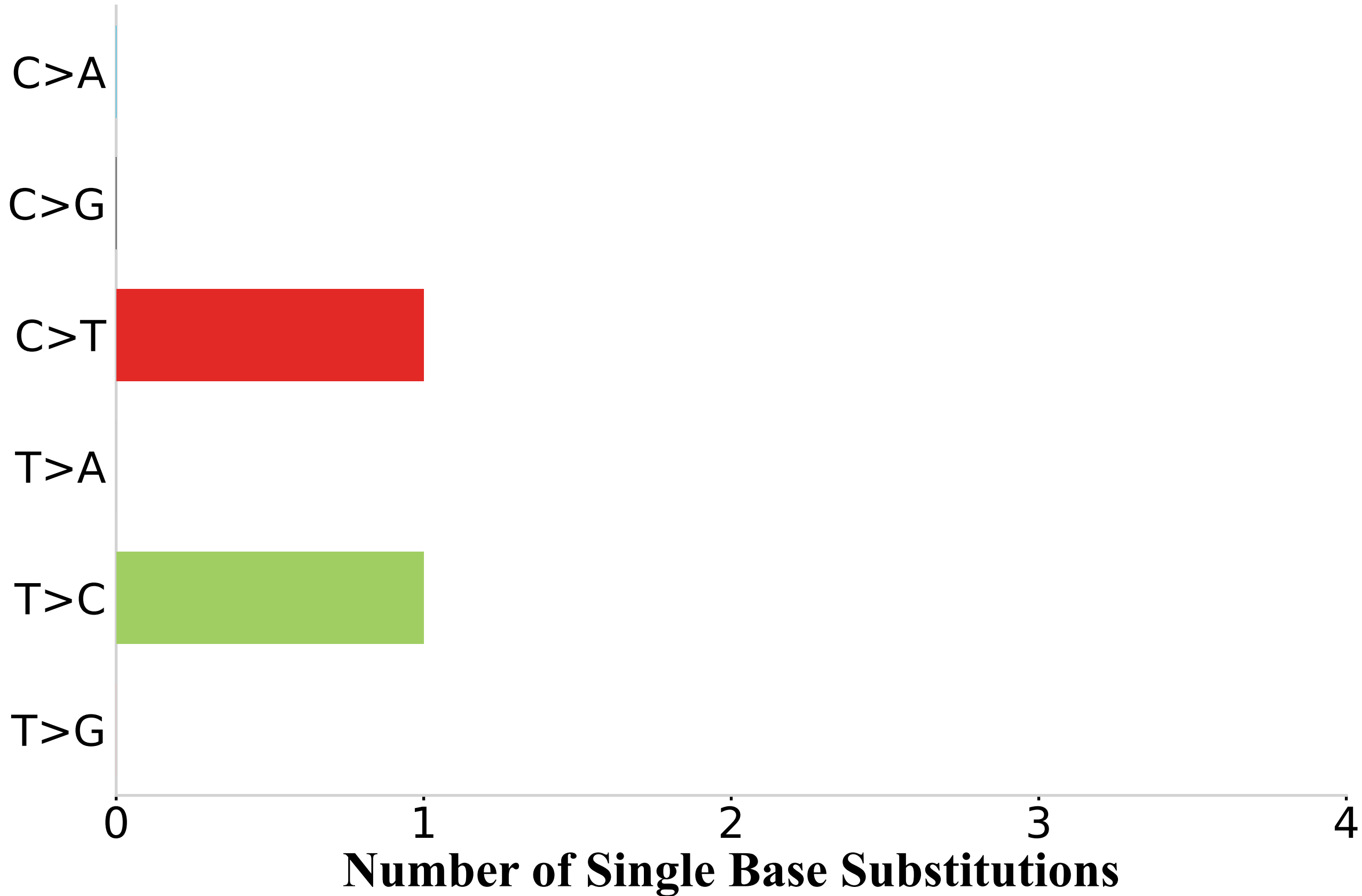
P-0048853-T01-IM6: 1 subs



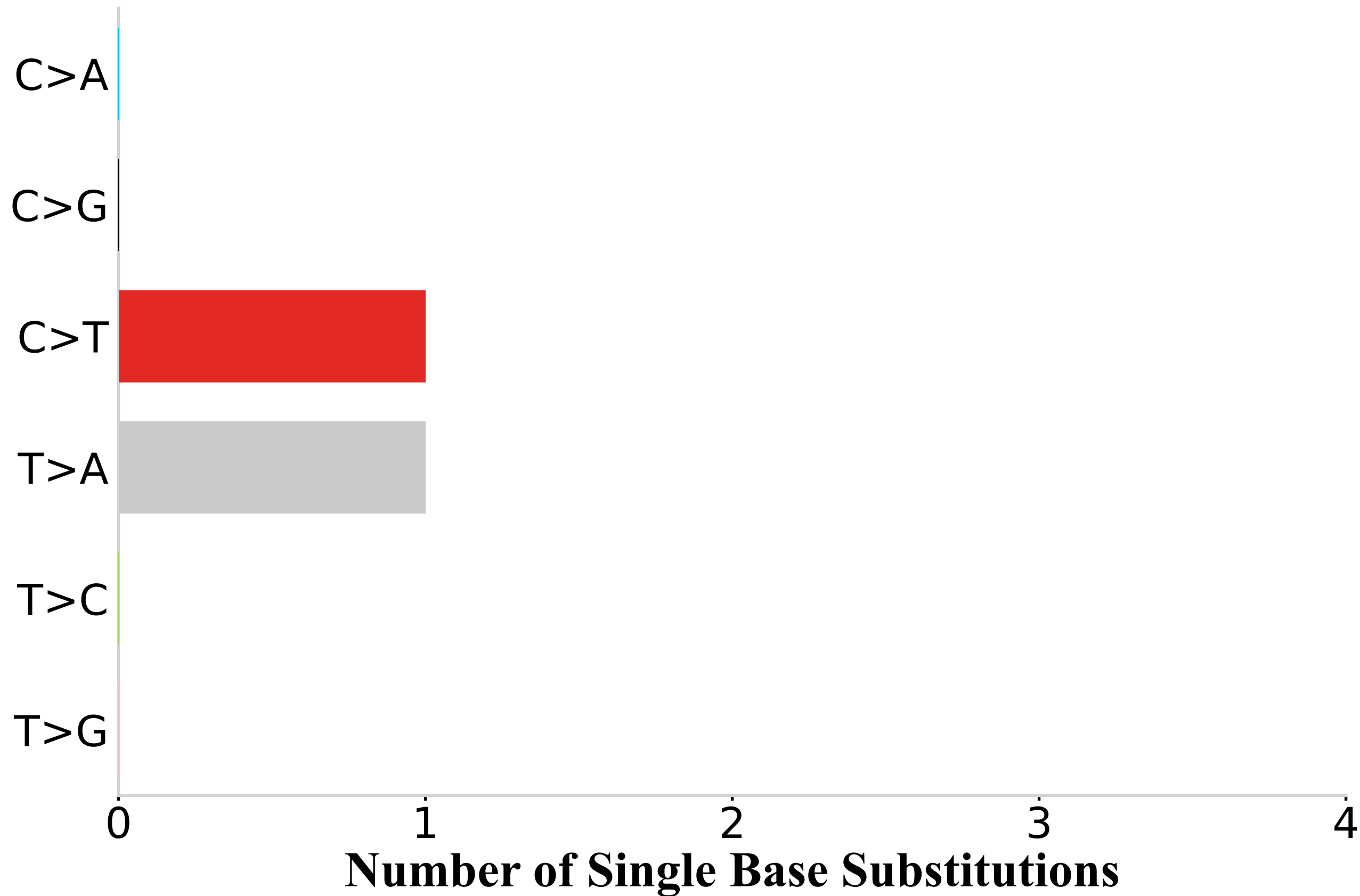
P-0048953-T01-IM6: 3 subs



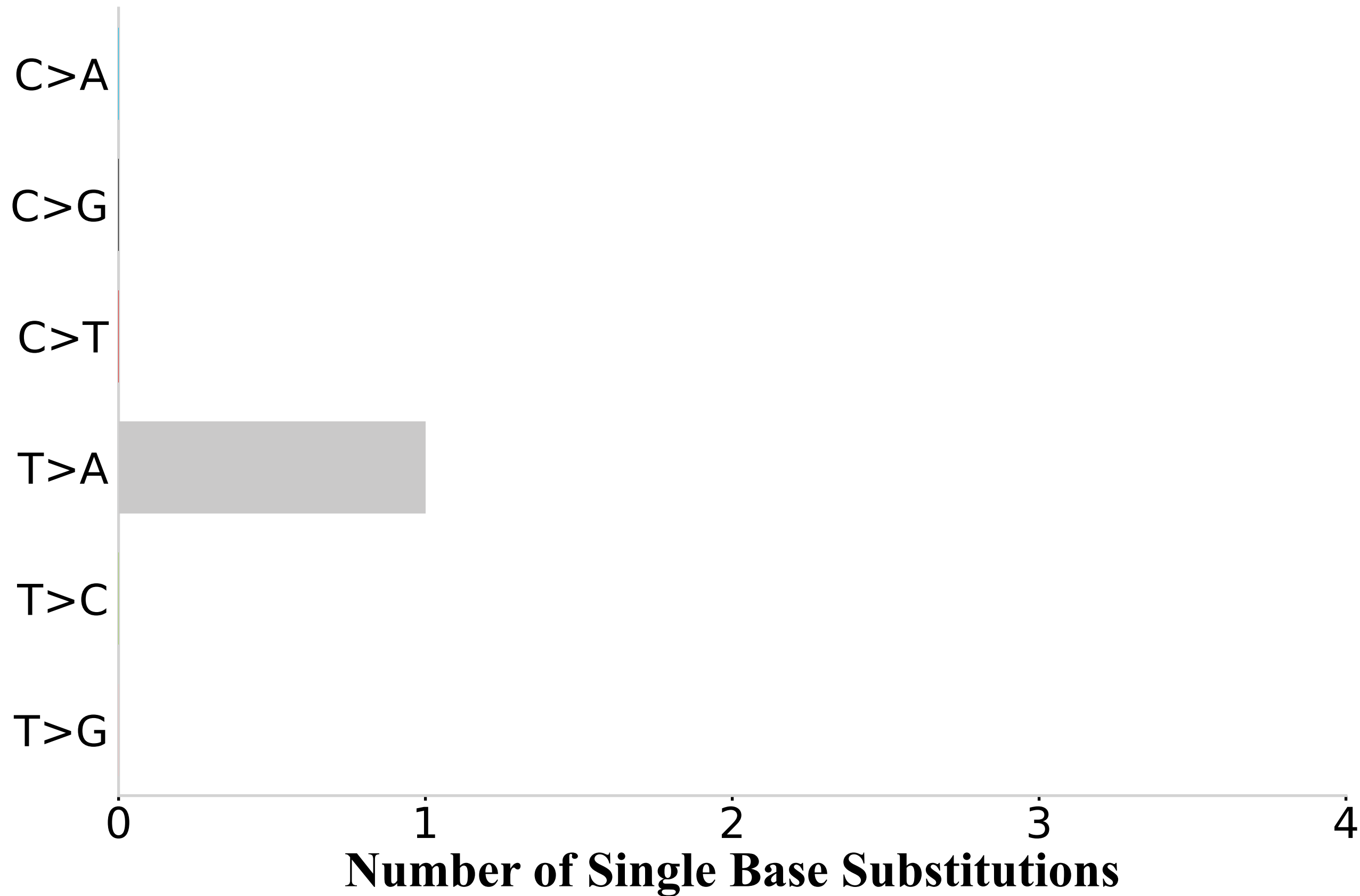
P-0048983-T01-IM6: 2 subs



P-0049529-T01-IM6: 2 subs



P-0049621-T01-IM6: 1 subs



P-0049663-T01-IM6: 0 subs

C>A

C>G

C>T

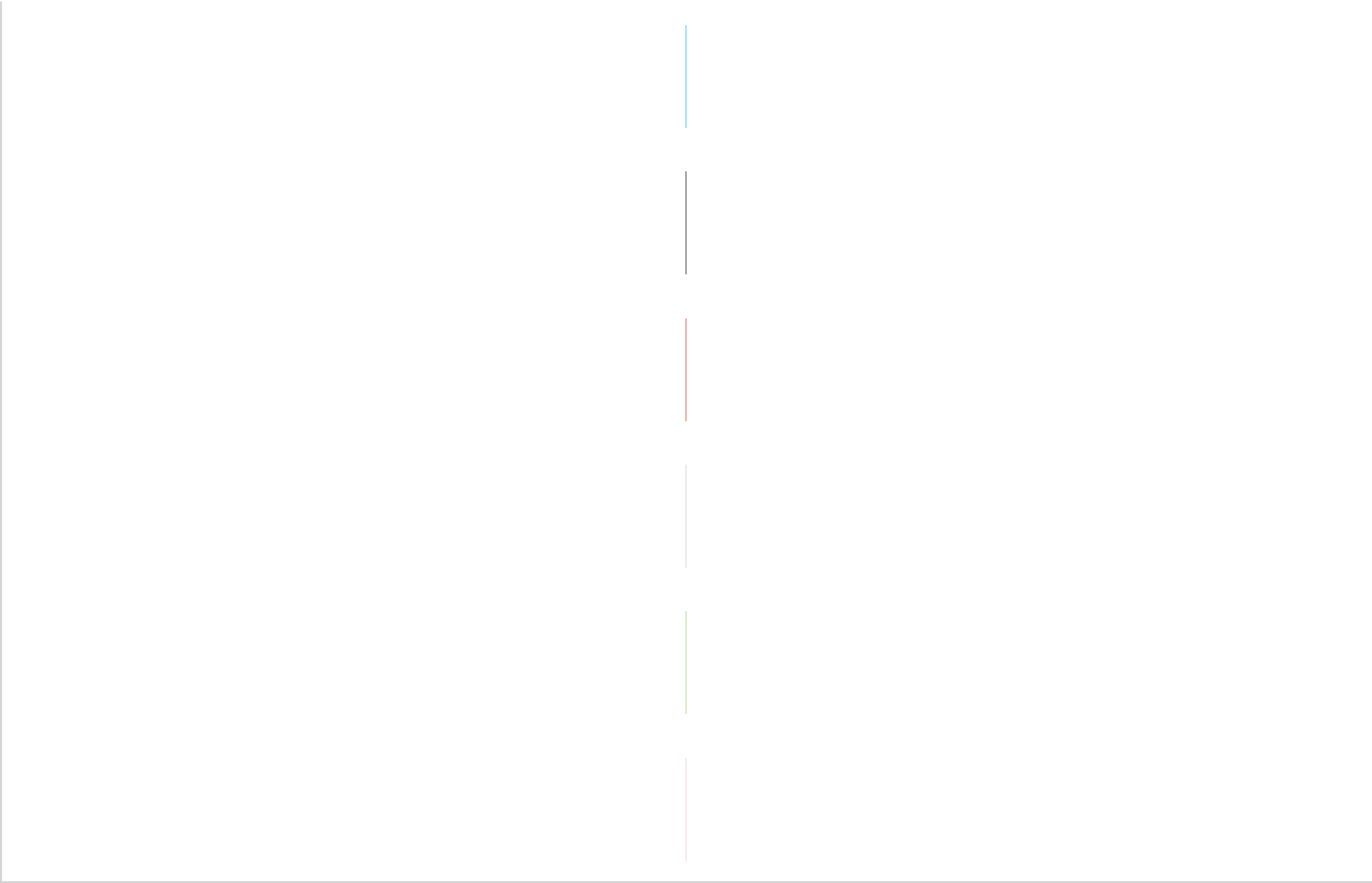
T>A

T>C

T>G

0

Number of Single Base Substitutions



P-0049899-T01-IM6: 0 subs

C>A

C>G

C>T

T>A

T>C

T>G

0

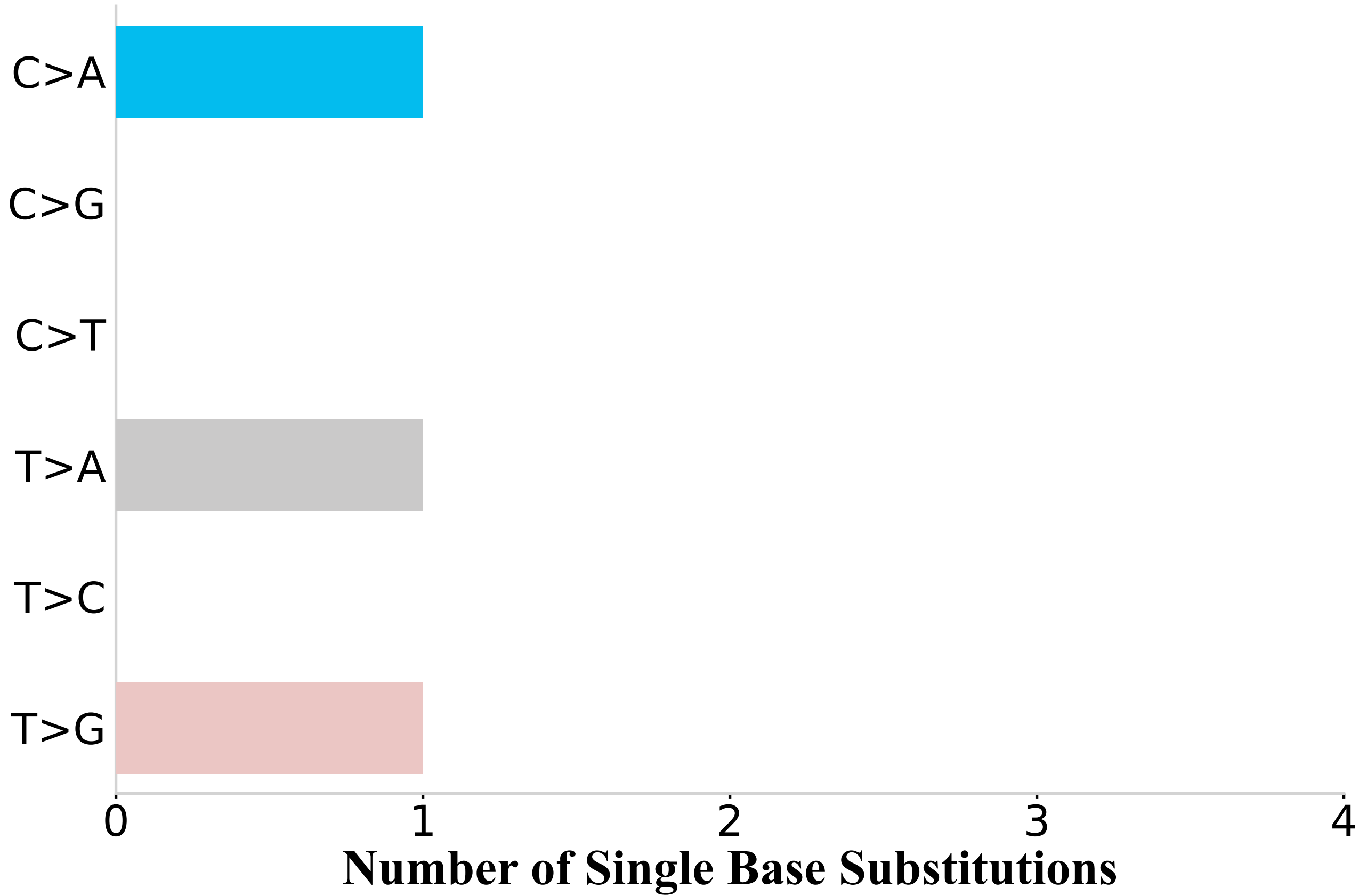
Number of Single Base Substitutions



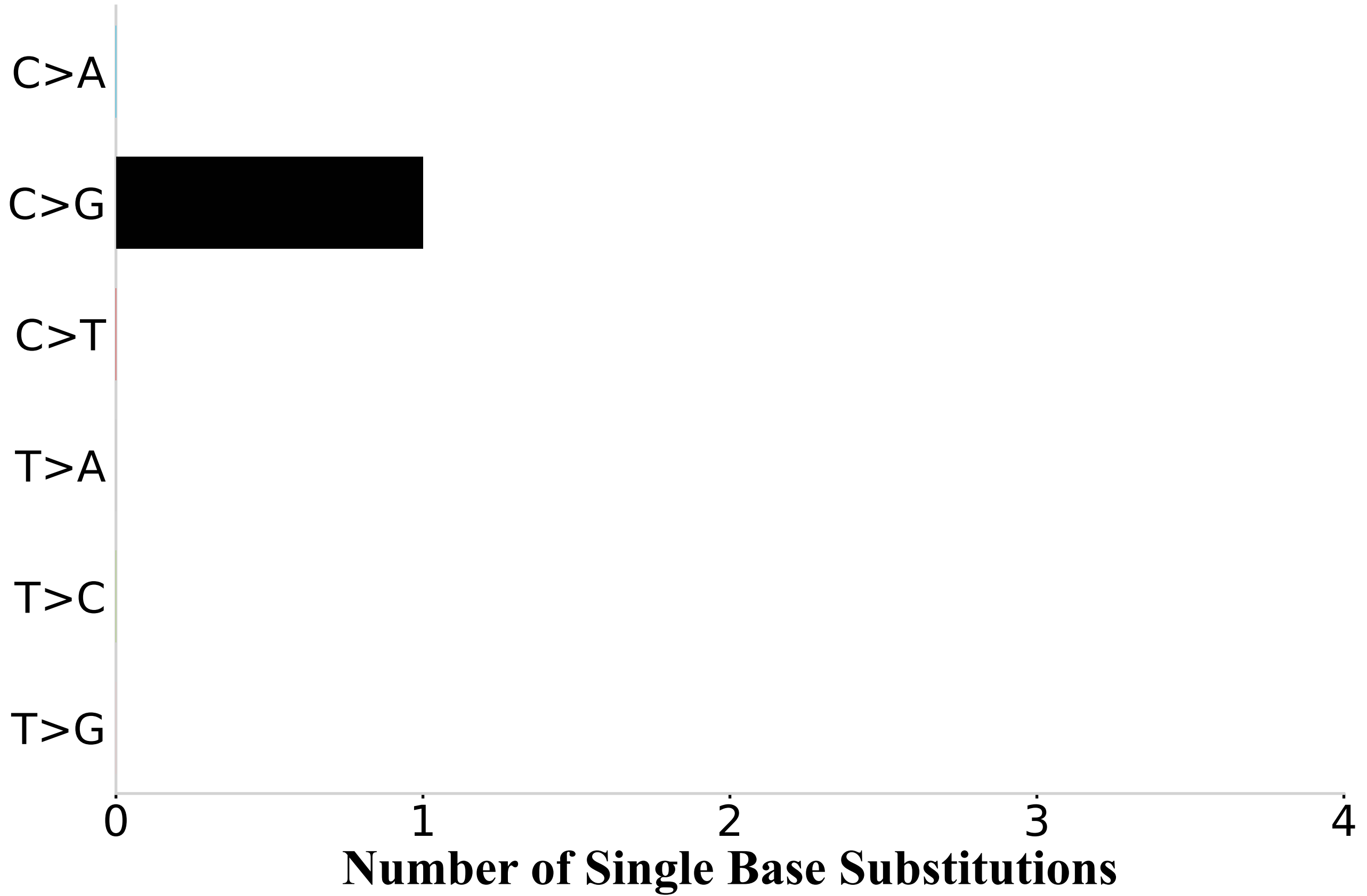
P-0049934-T01-IM6: 1 subs



P-0050110-T01-IM6: 3 subs



P-0050211-T01-IM6: 1 subs



P-0050450-T01-IM6: 0 subs

C>A

C>G

C>T

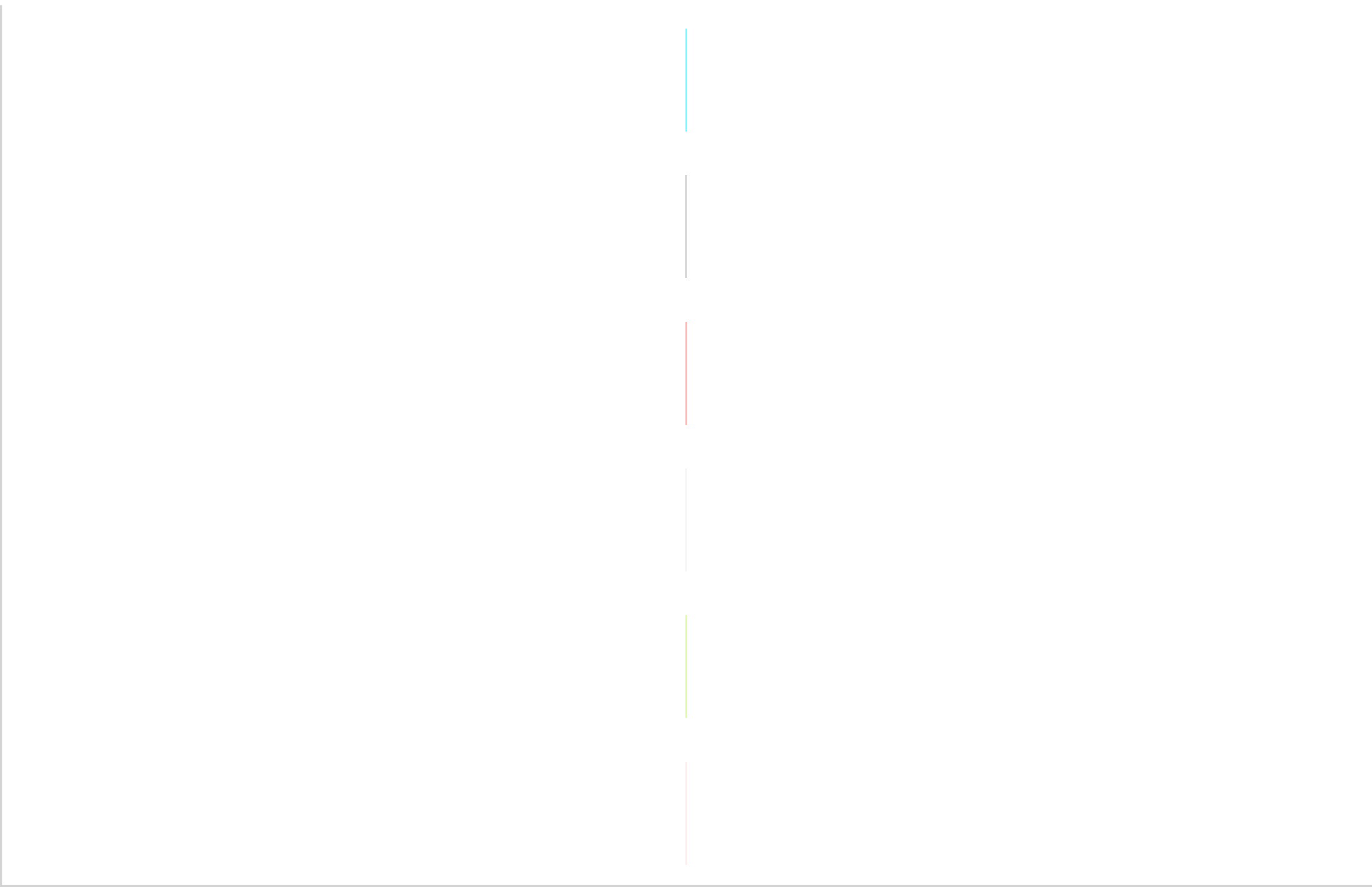
T>A

T>C

T>G

0

Number of Single Base Substitutions



P-0050457-T01-IM6: 1 subs

