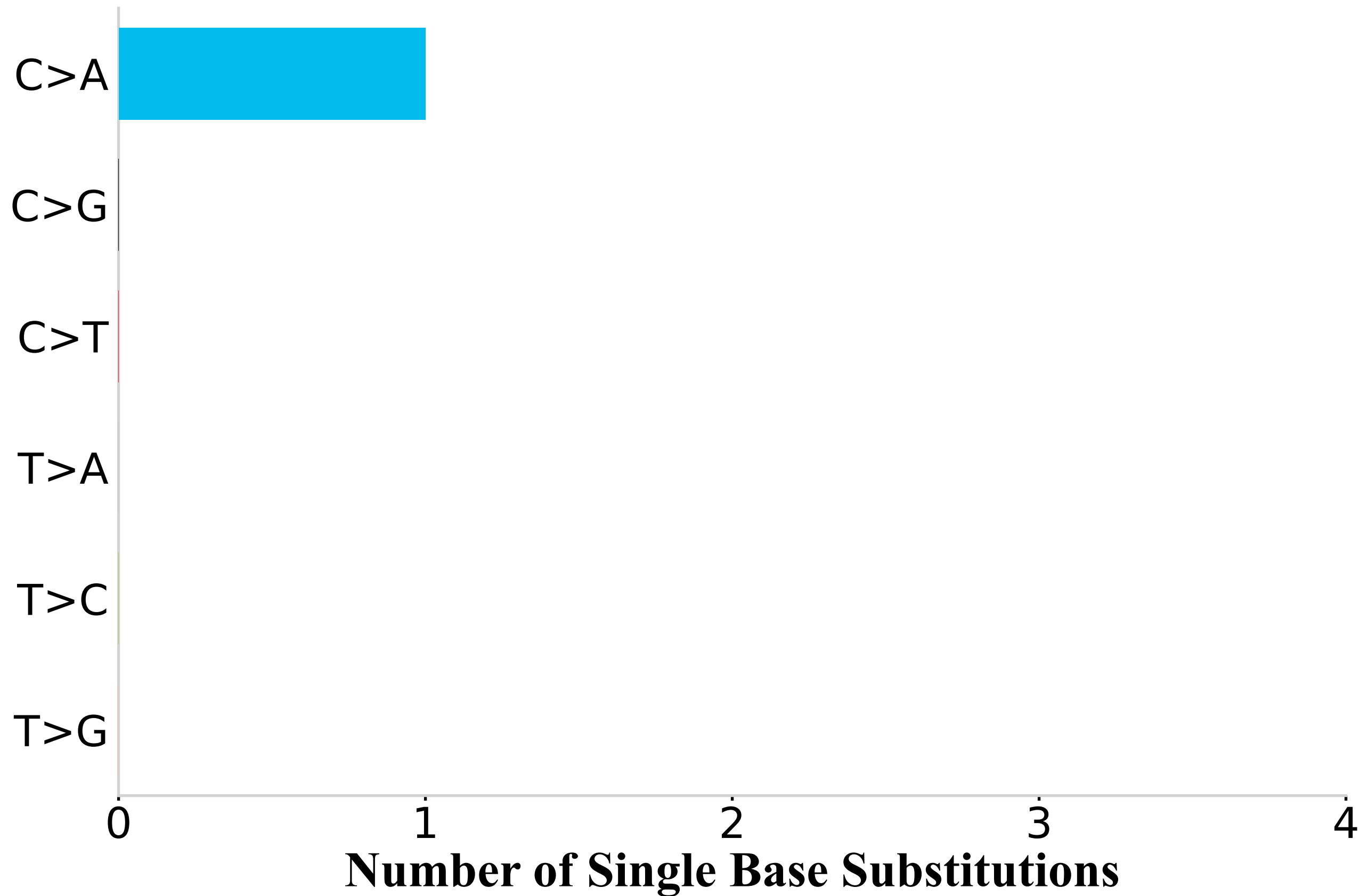
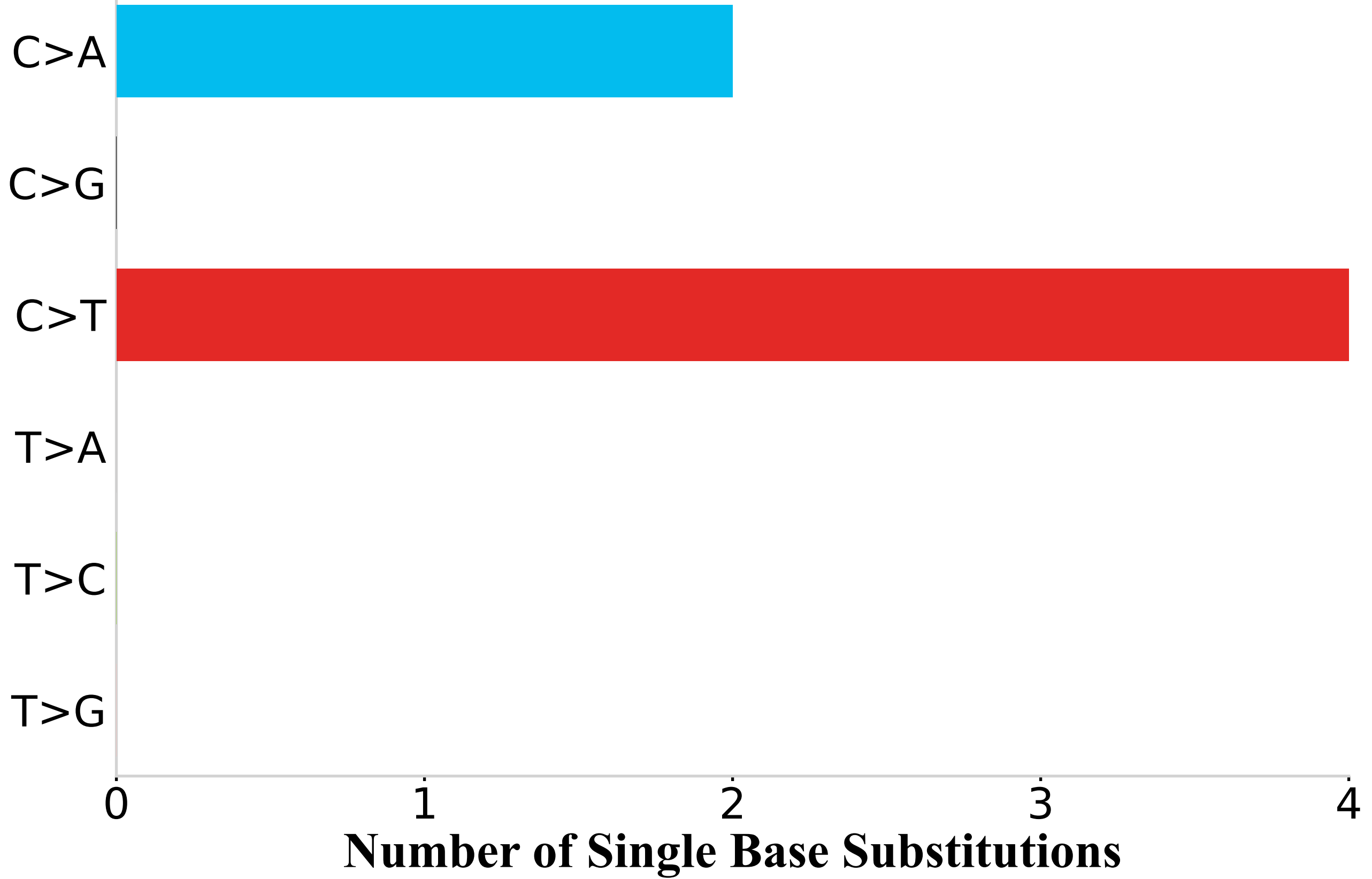


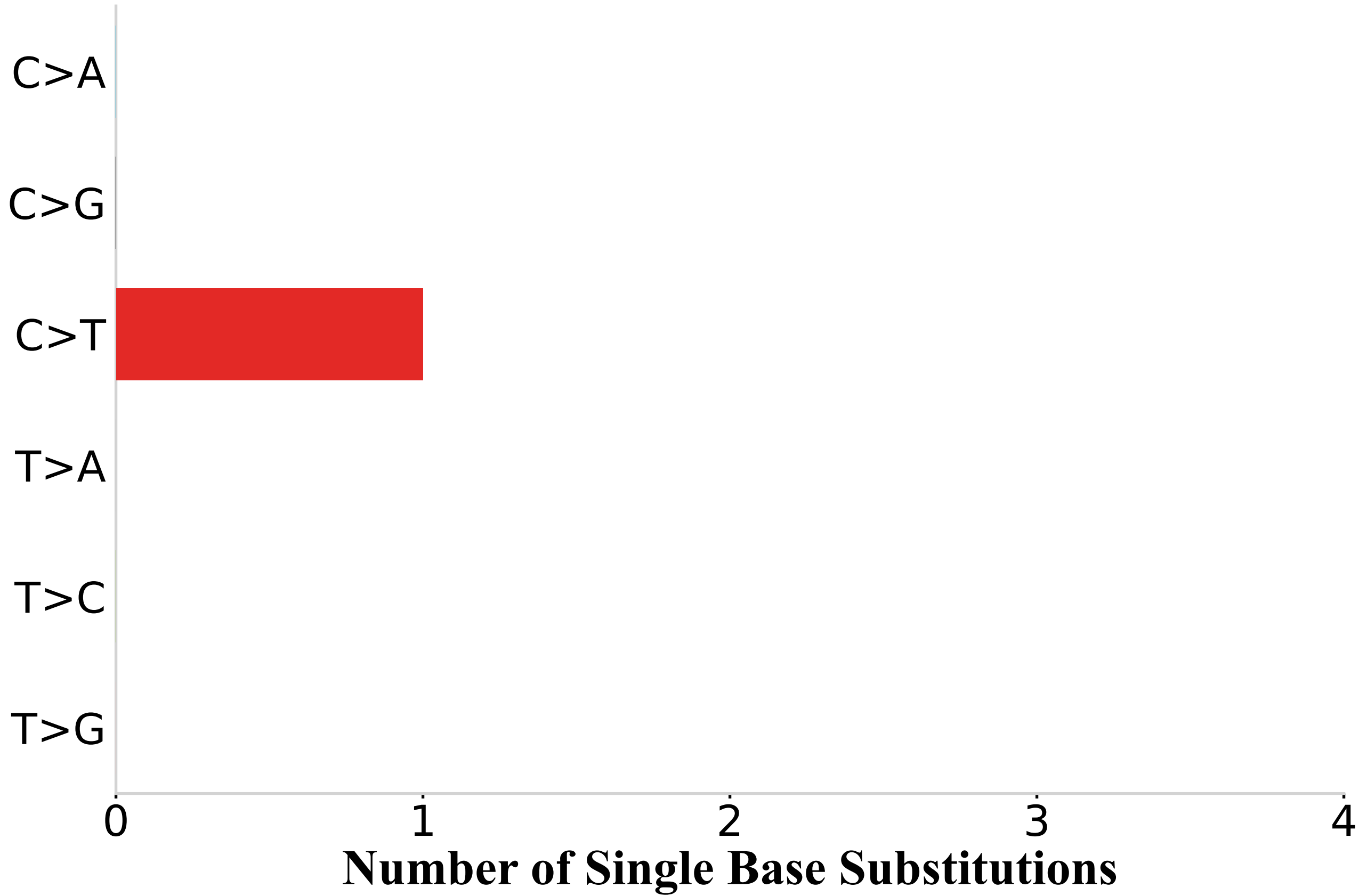
**P-0000927-T01-IM3: 1 subs**



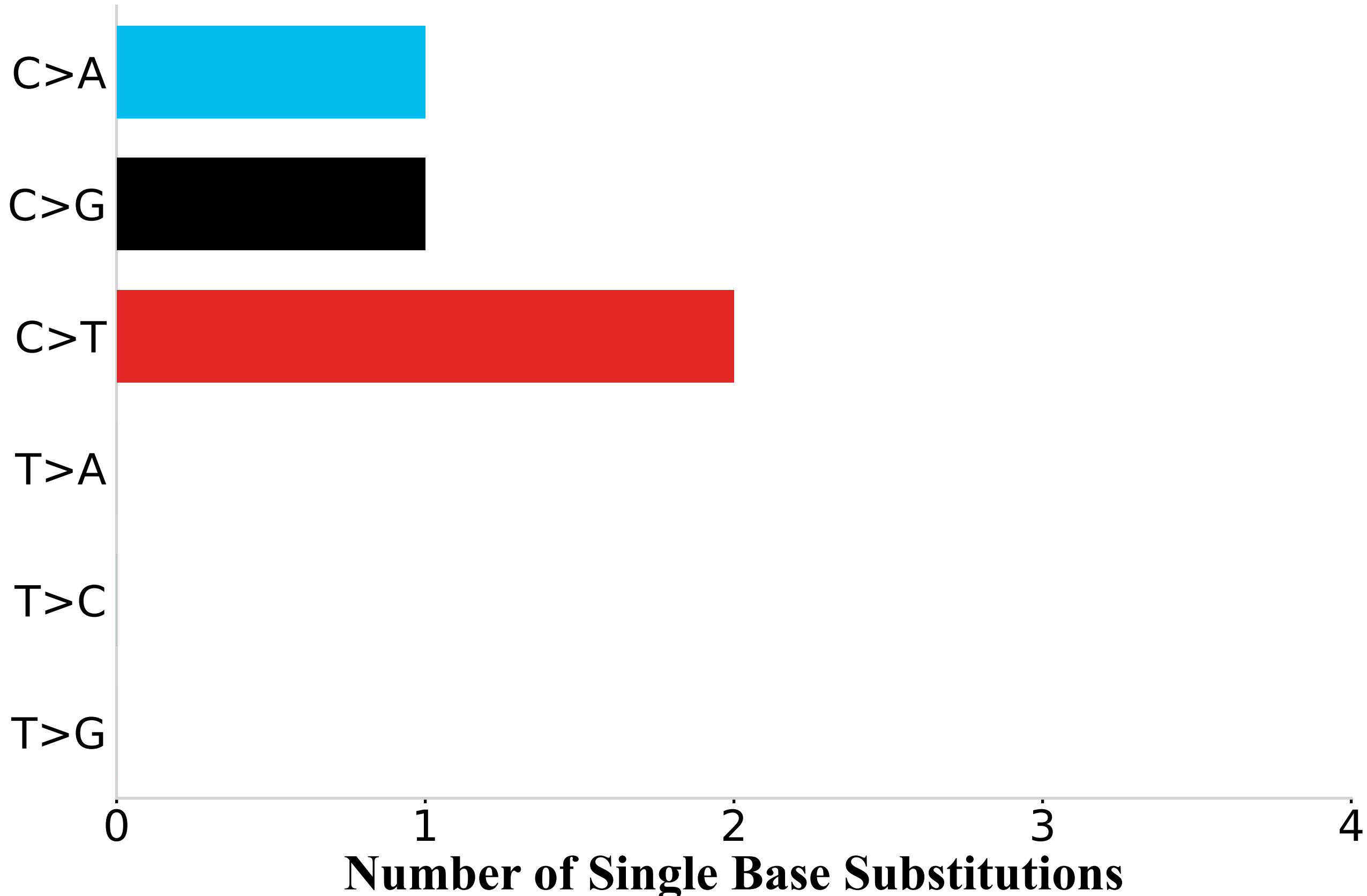
**P-0001098-T01-IM3: 6 subs**



**P-0001146-T01-IM3: 1 subs**



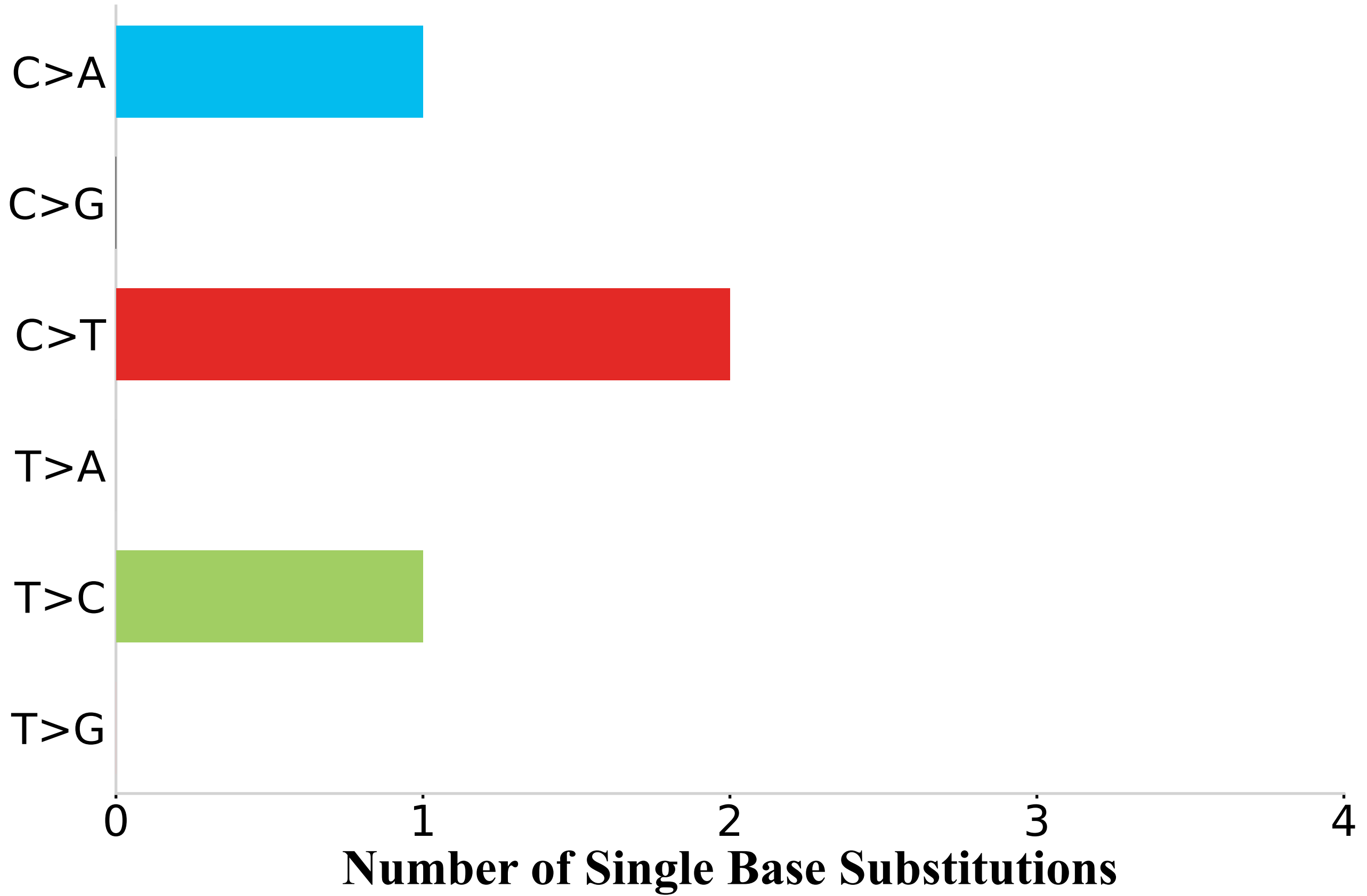
**P-0001322-T01-IM3: 4 subs**



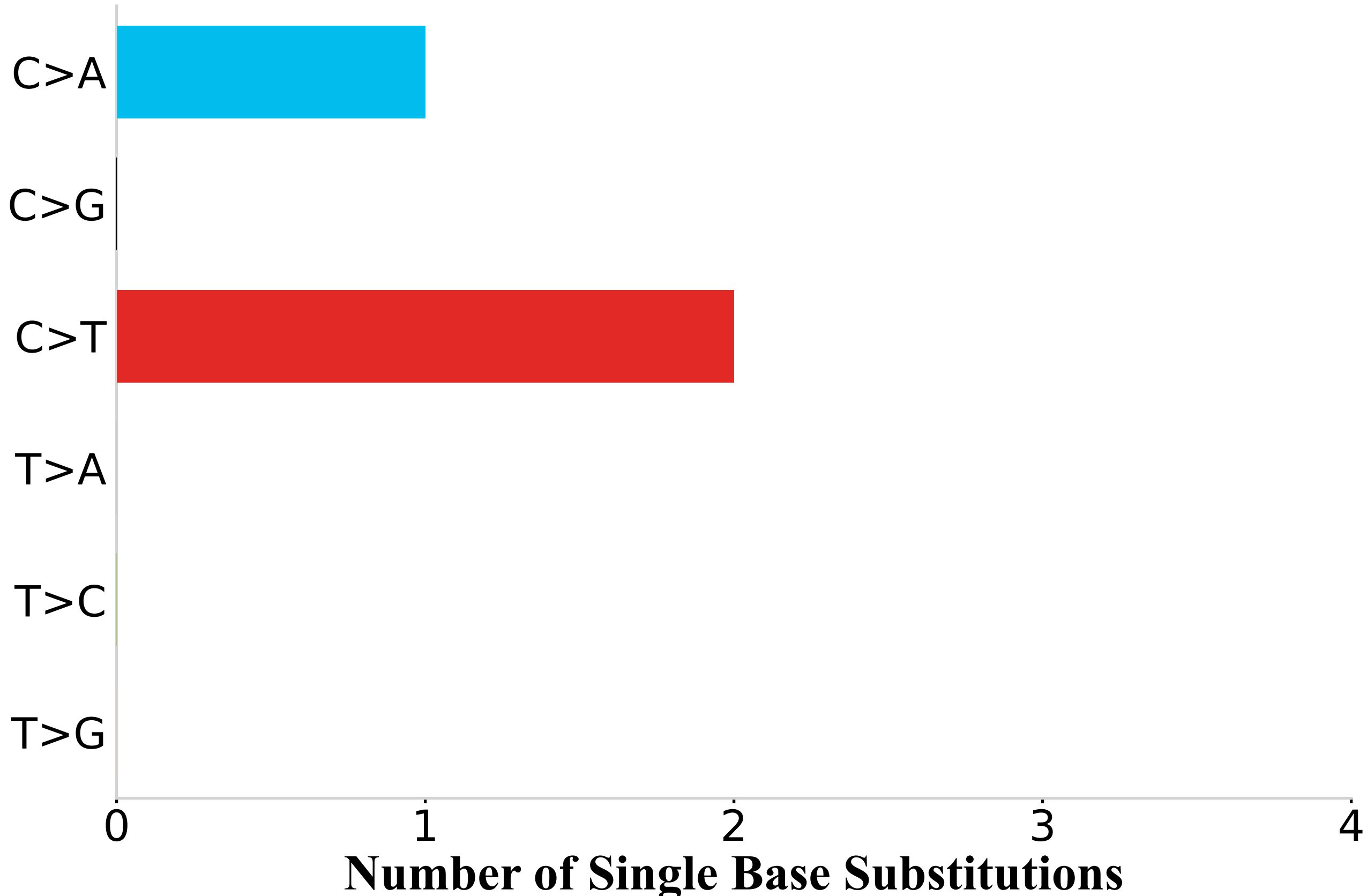
**P-0001402-T02-IM3: 1 subs**



**P-0001411-T01-IM3: 4 subs**



**P-0001581-T02-IM5: 3 subs**

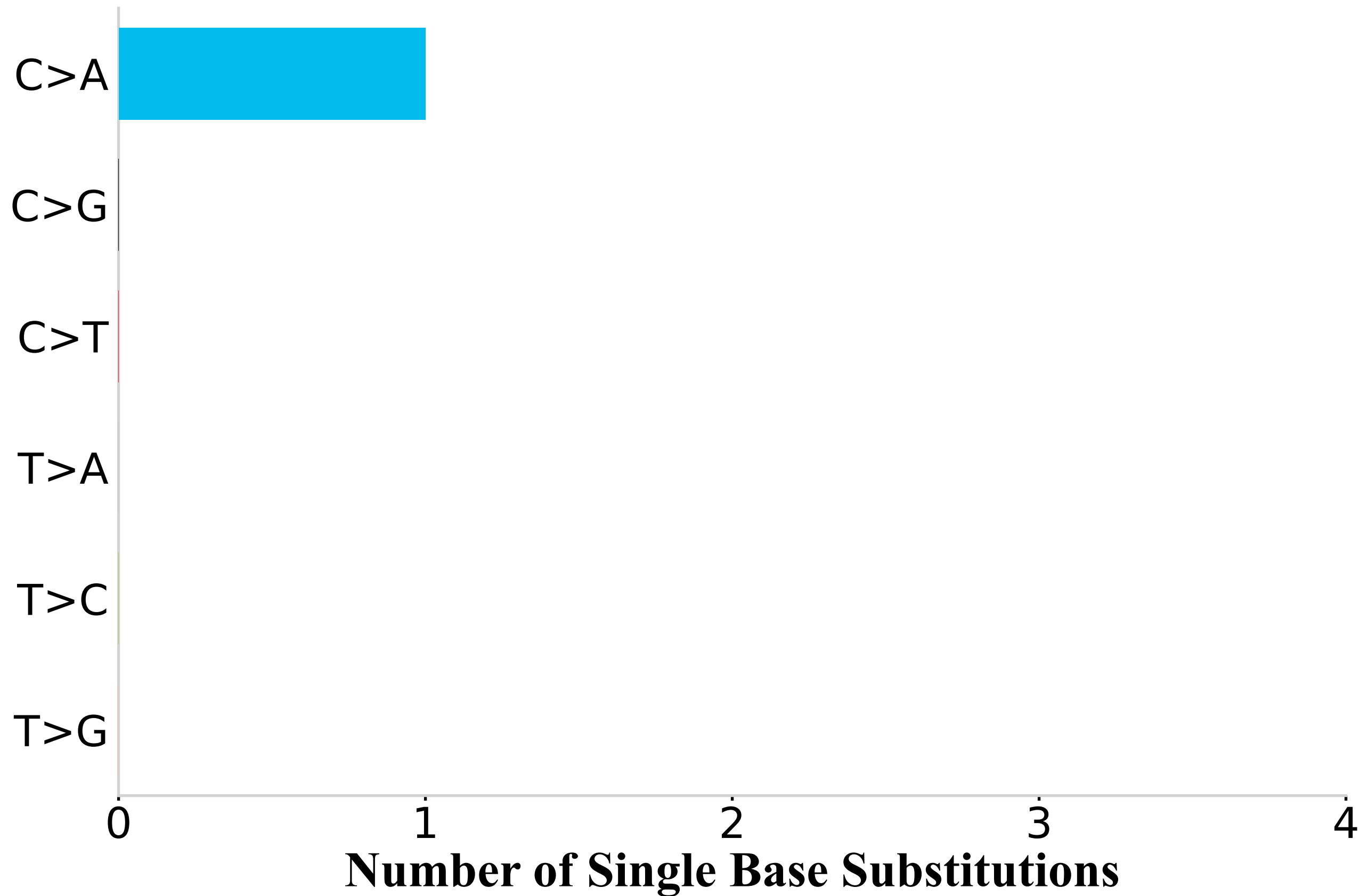


**P-0001857-T01-IM3: 1 subs**

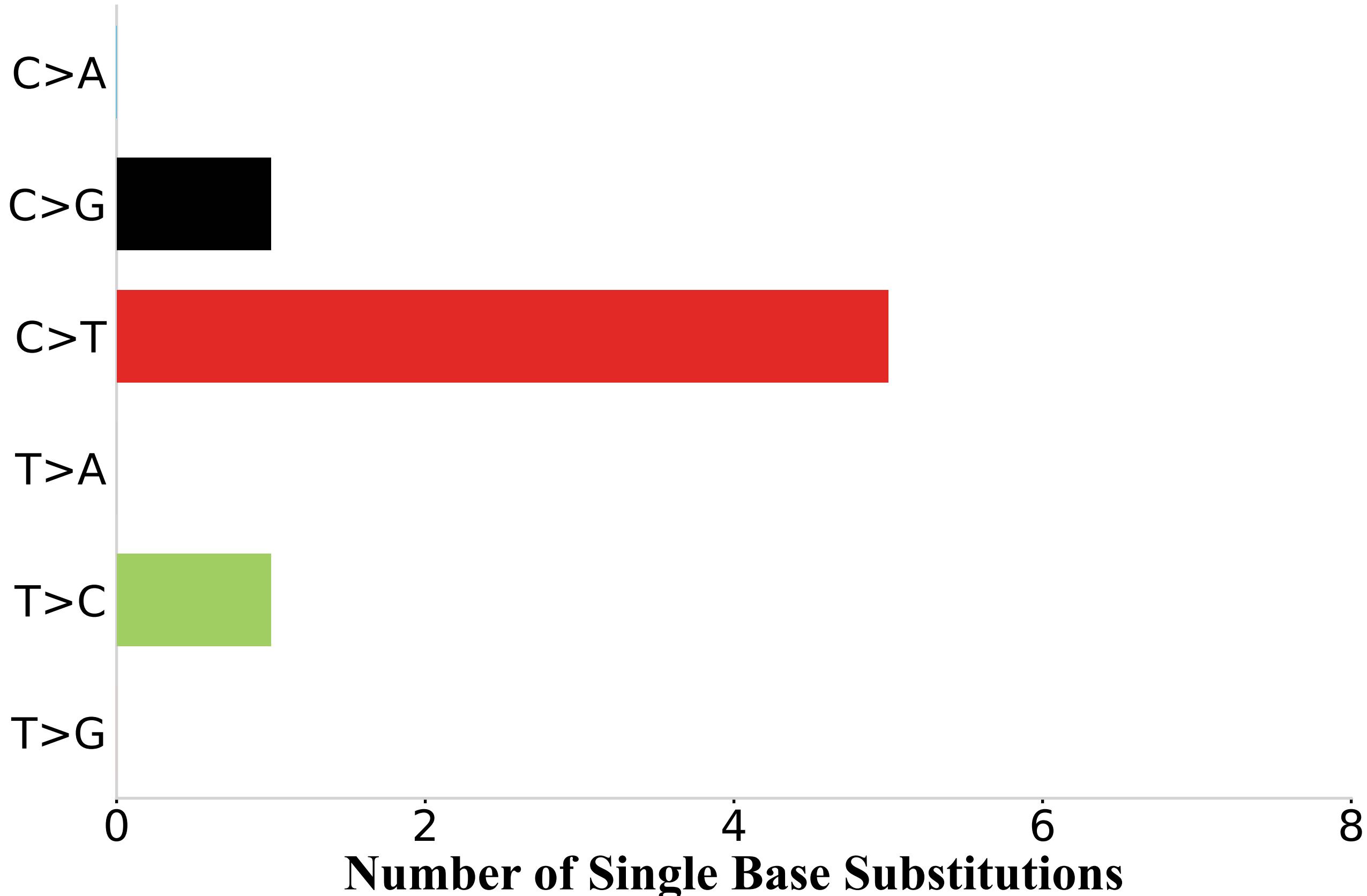




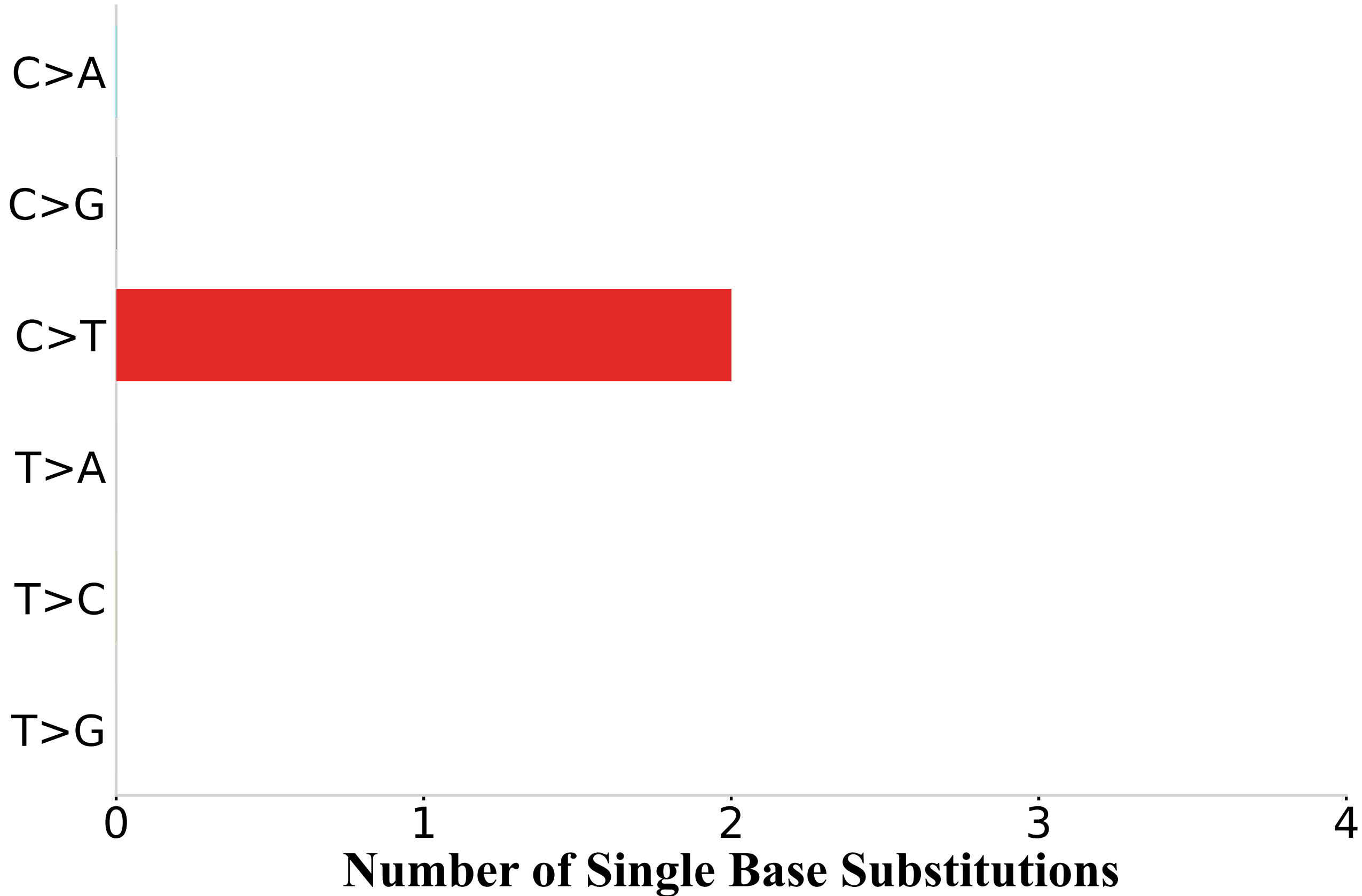
**P-0002461-T02-IM5: 1 subs**



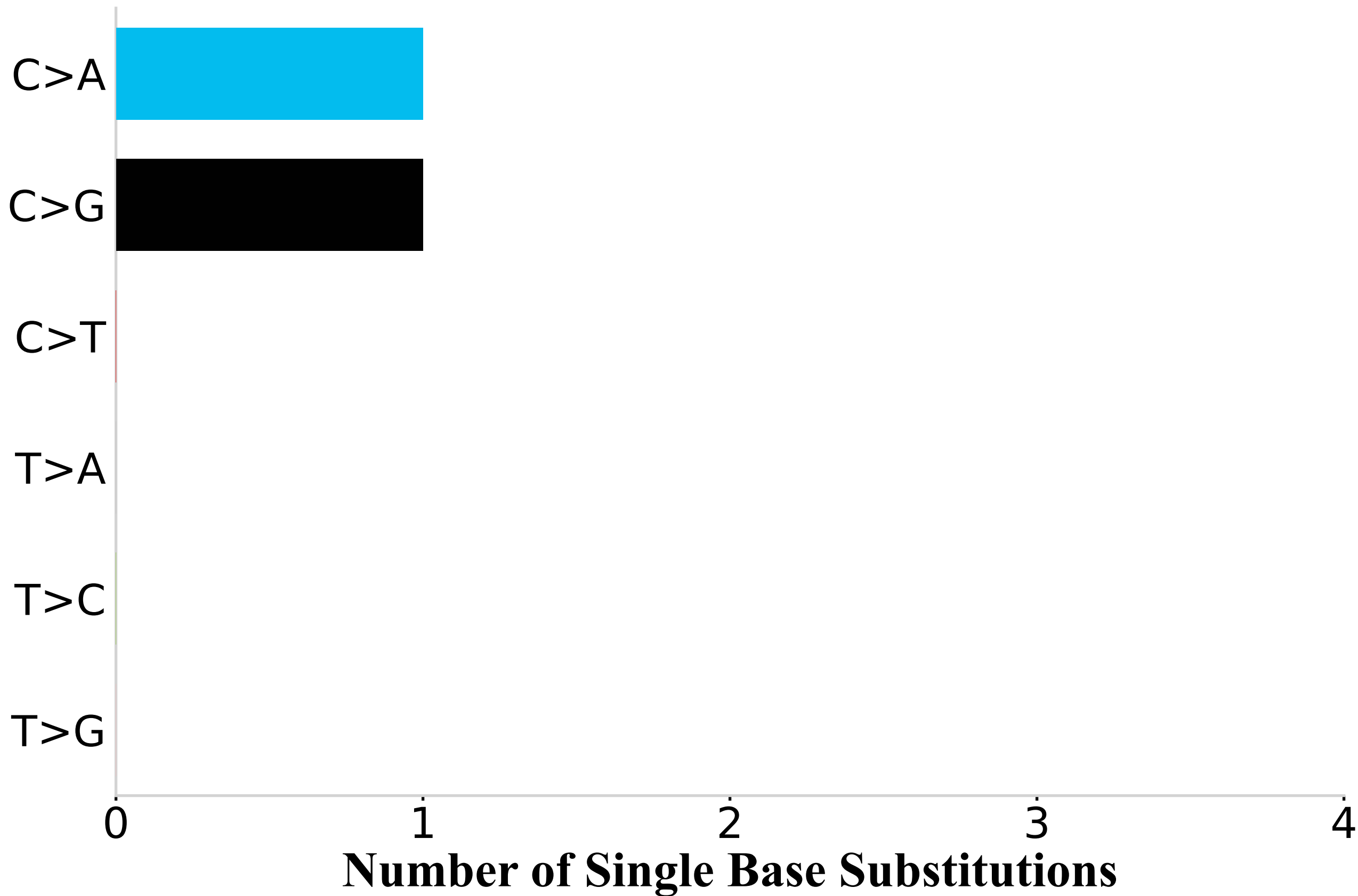
**P-0003074-T01-IM5: 7 subs**



**P-0003135-T03-IM5: 2 subs**



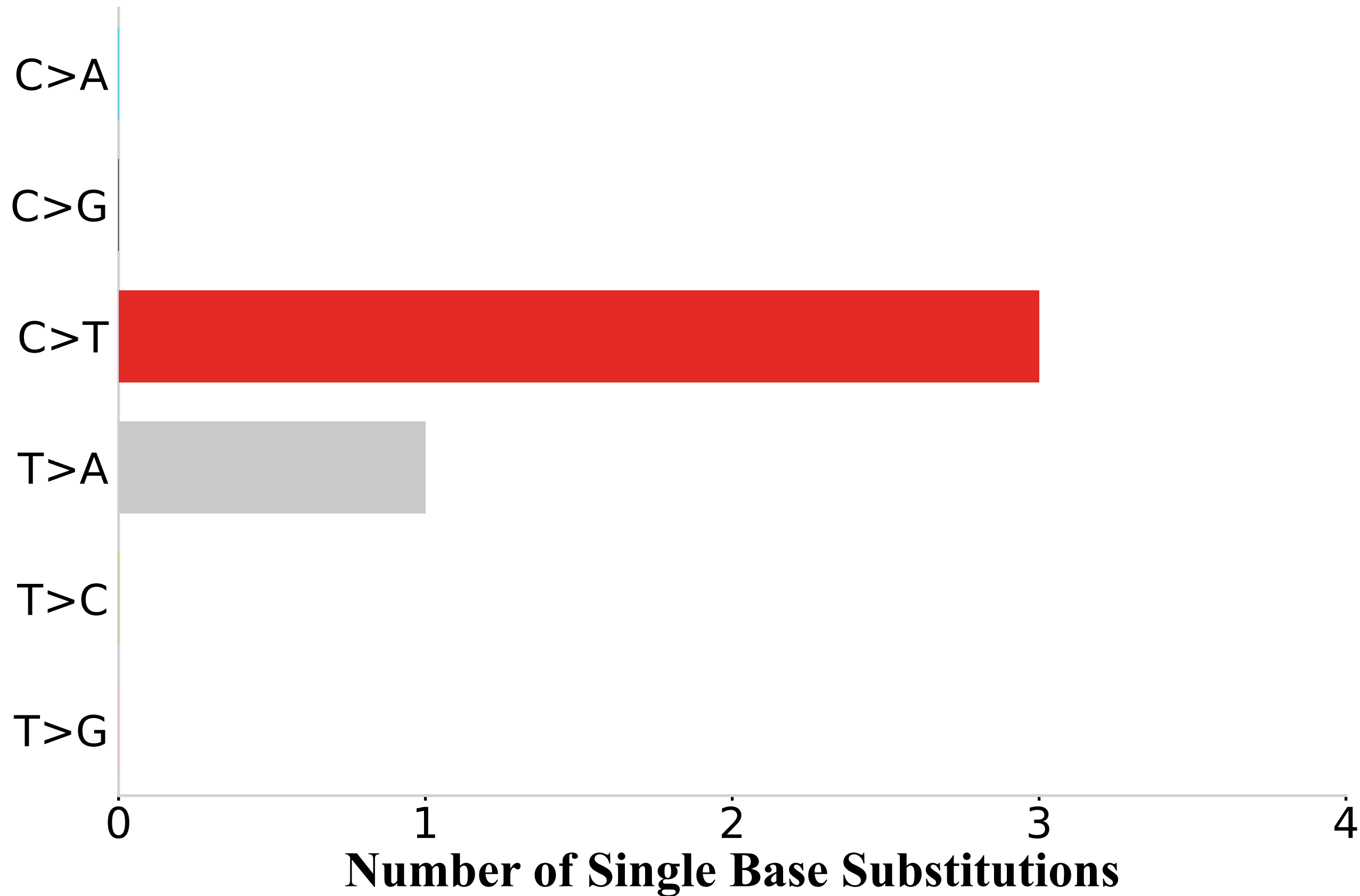
**P-0003143-T01-IM5: 2 subs**



**P-0003251-T01-IM5: 1 subs**



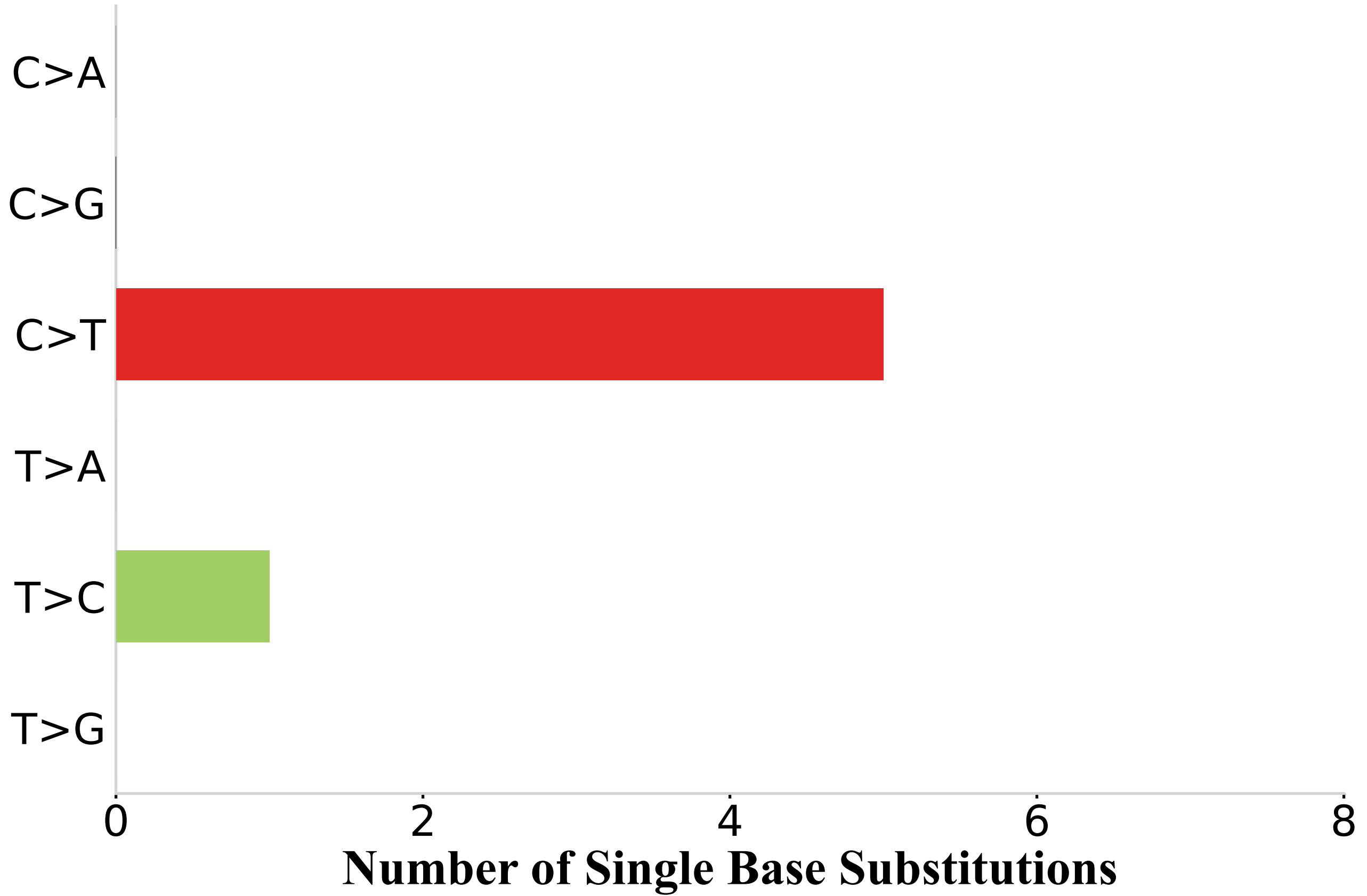
**P-0003334-T02-IM5: 4 subs**



**P-0003371-T01-IM5: 2 subs**

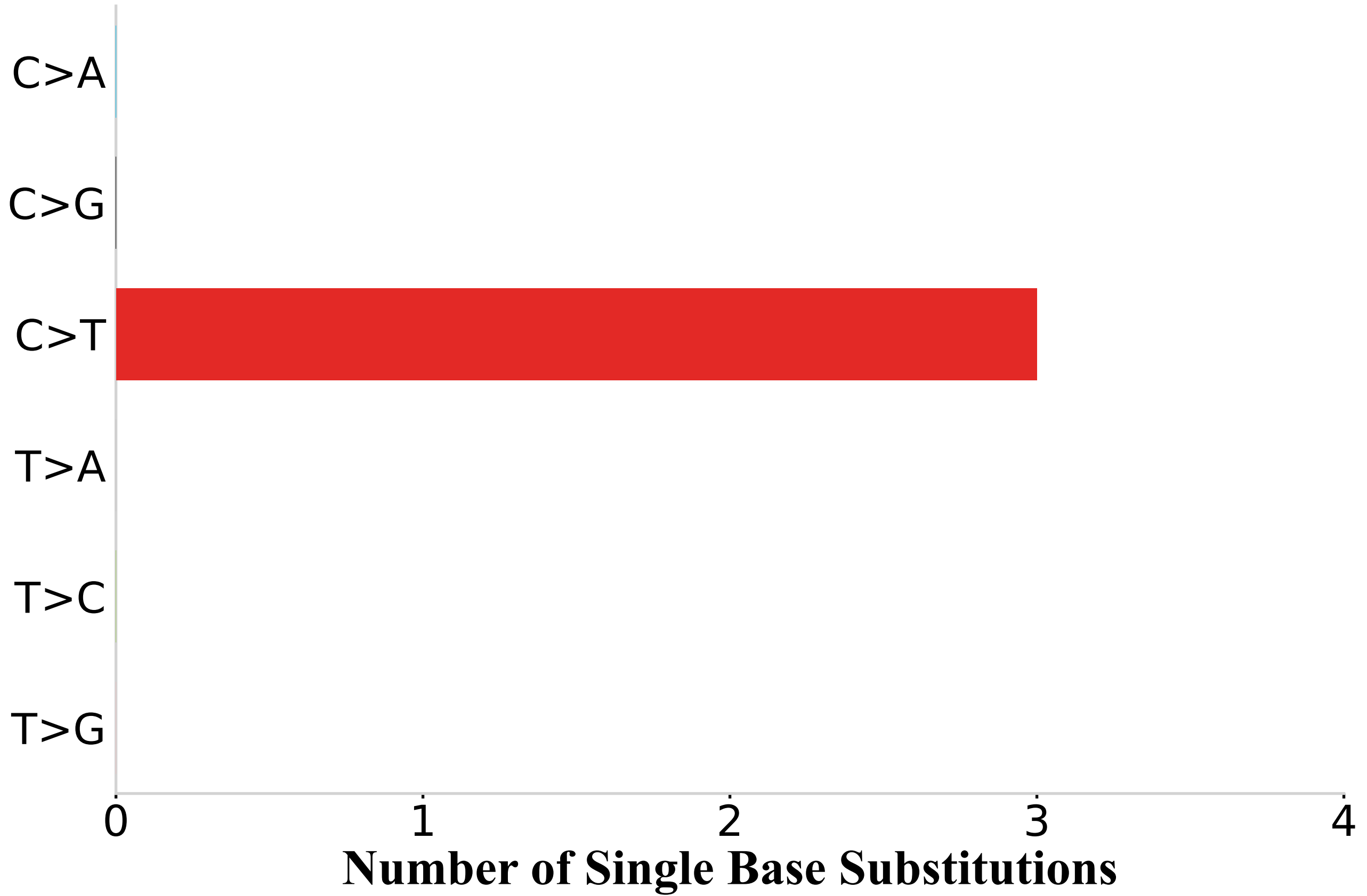


**P-0003638-T01-IM5: 6 subs**

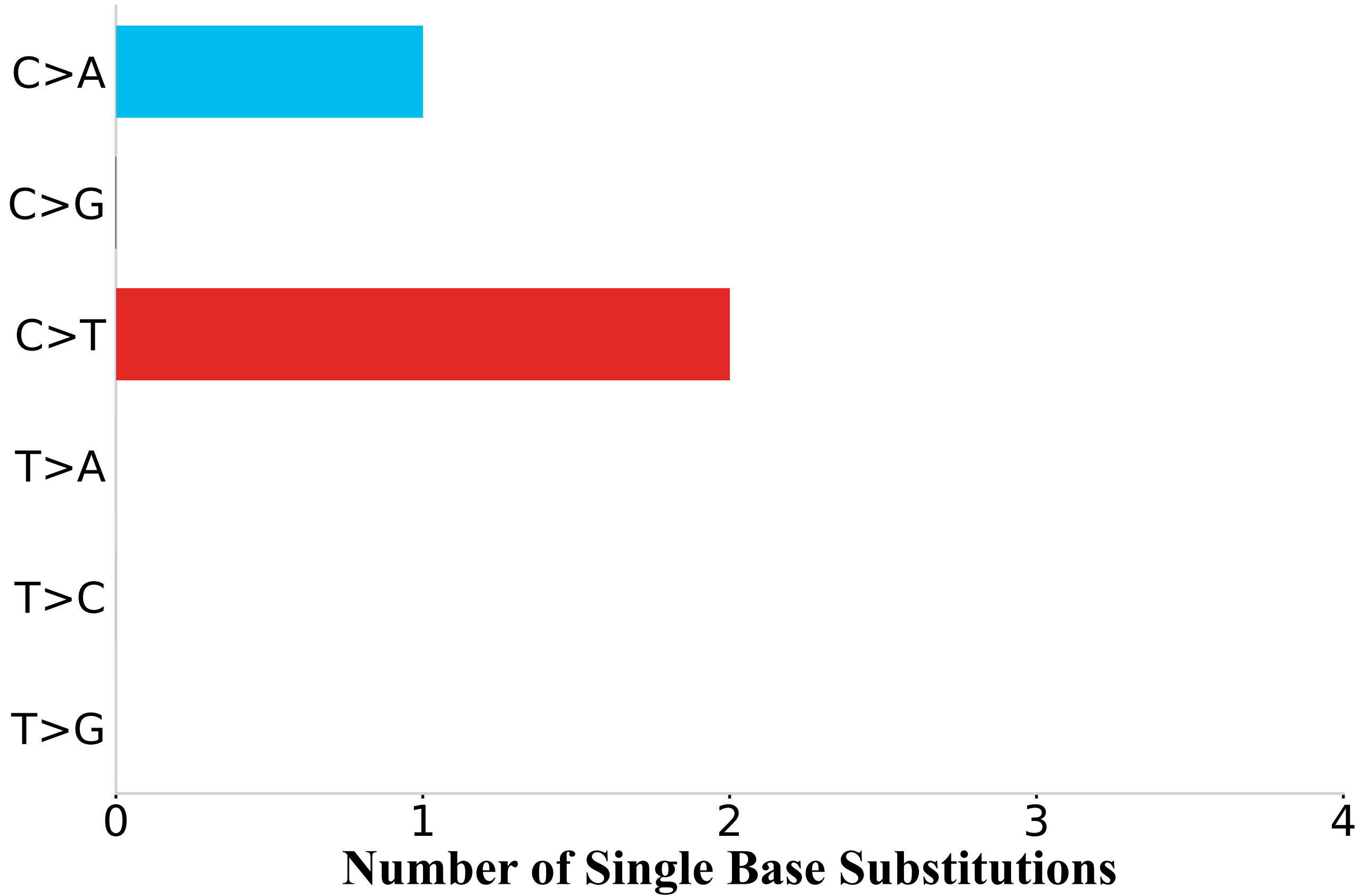




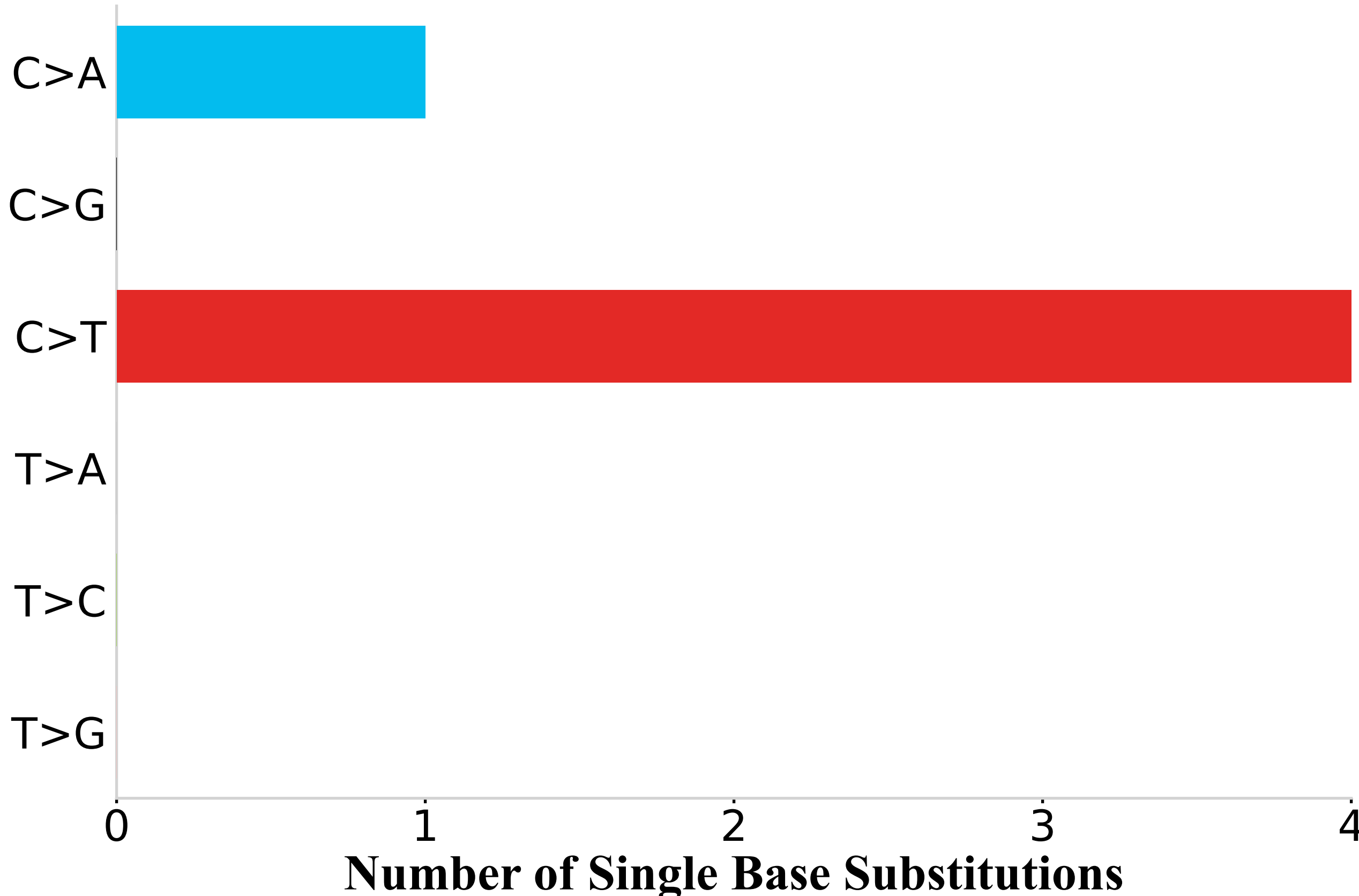
**P-0003705-T01-IM5: 3 subs**



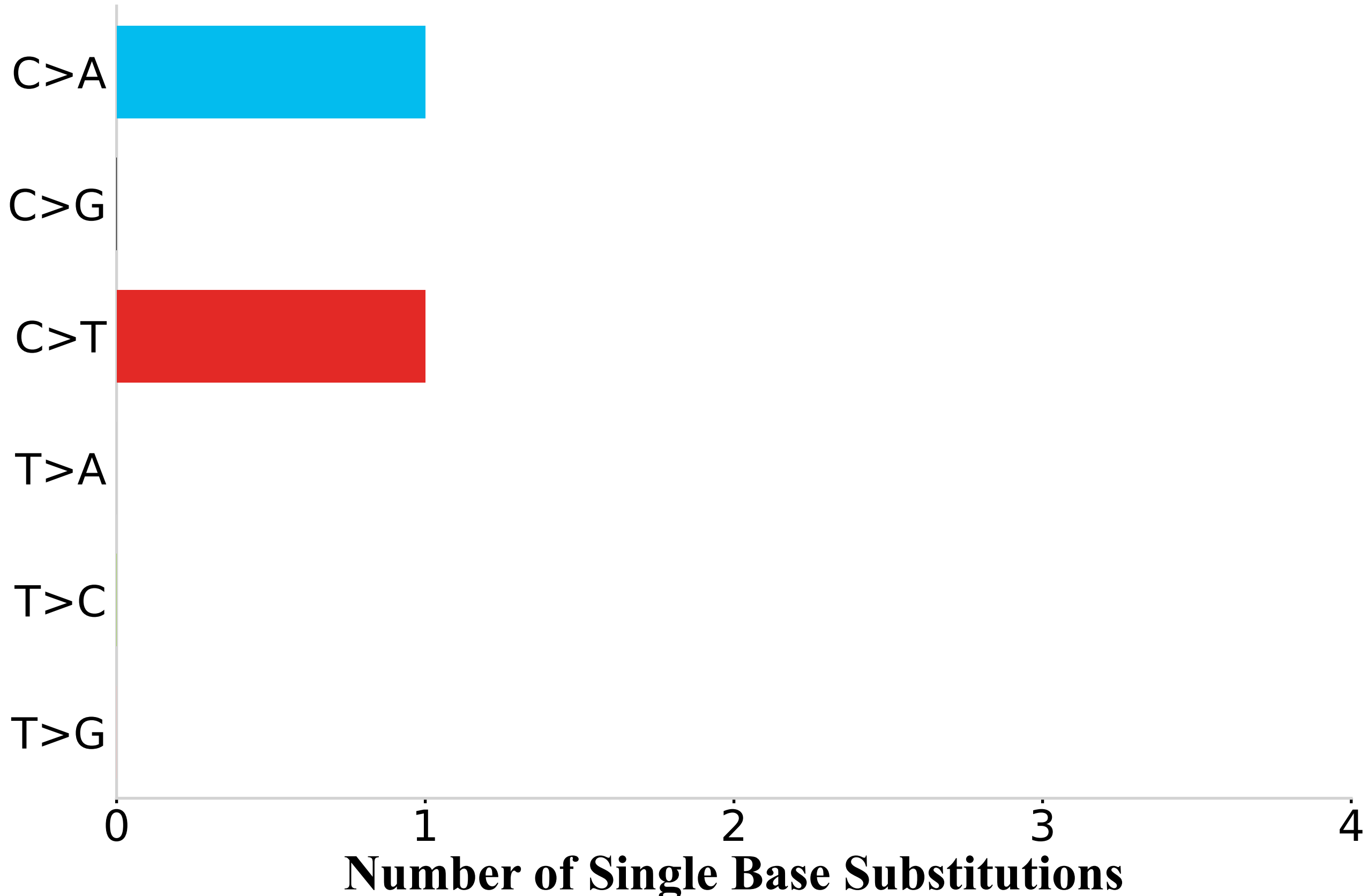
**P-0003768-T01-IM5: 3 subs**



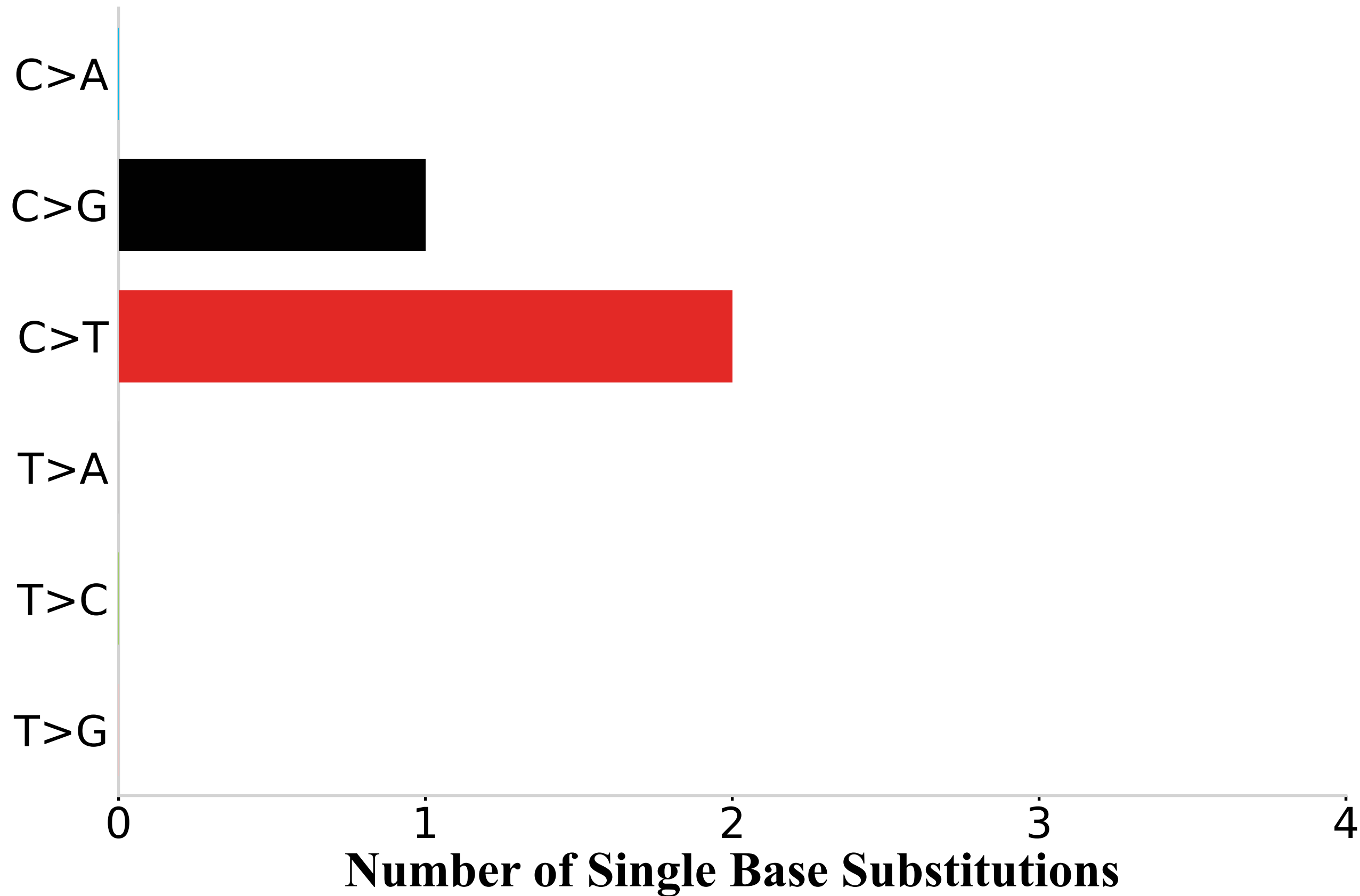
**P-0004390-T01-IM5: 5 subs**



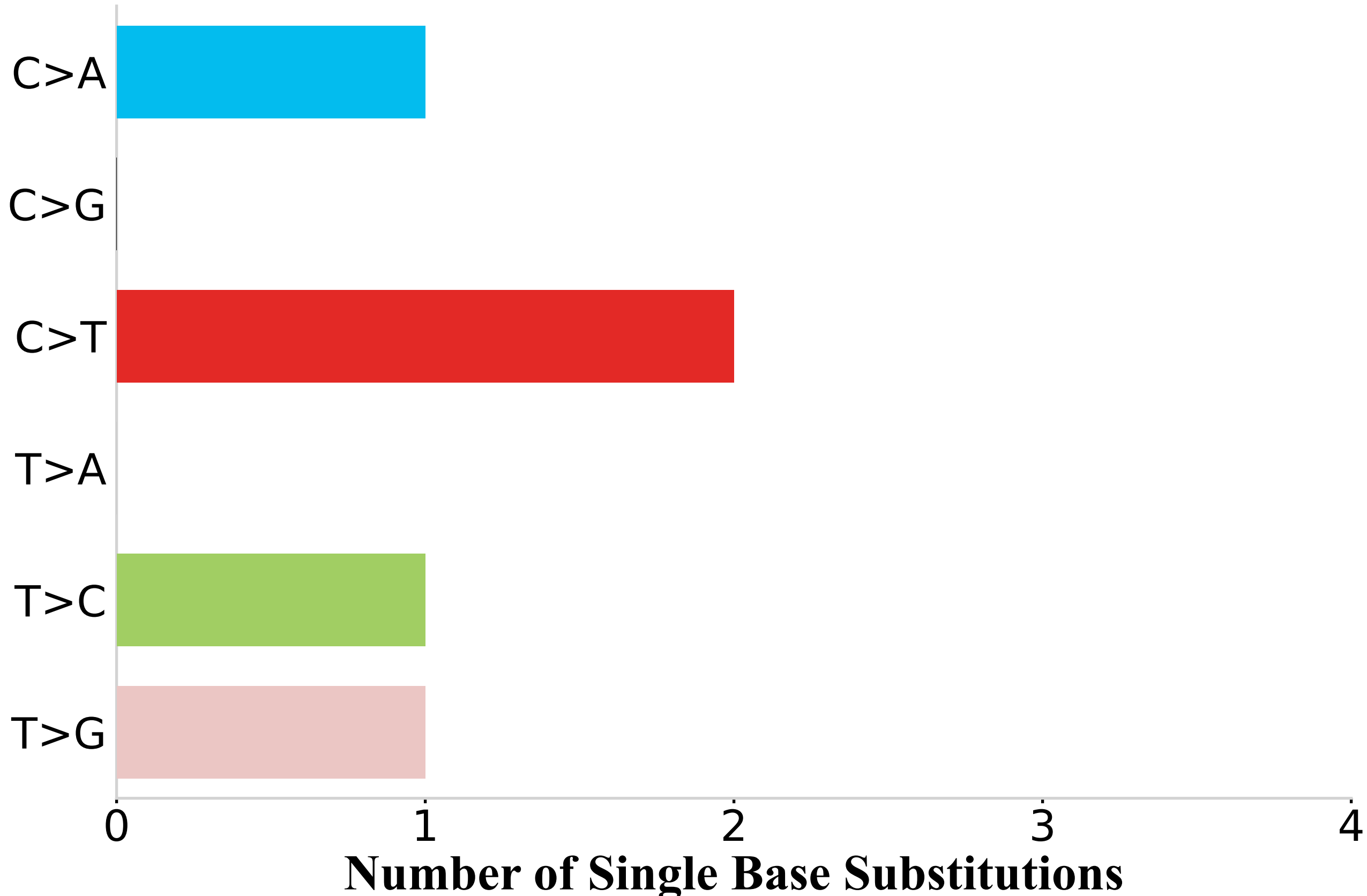
**P-0004648-T01-IM5: 2 subs**



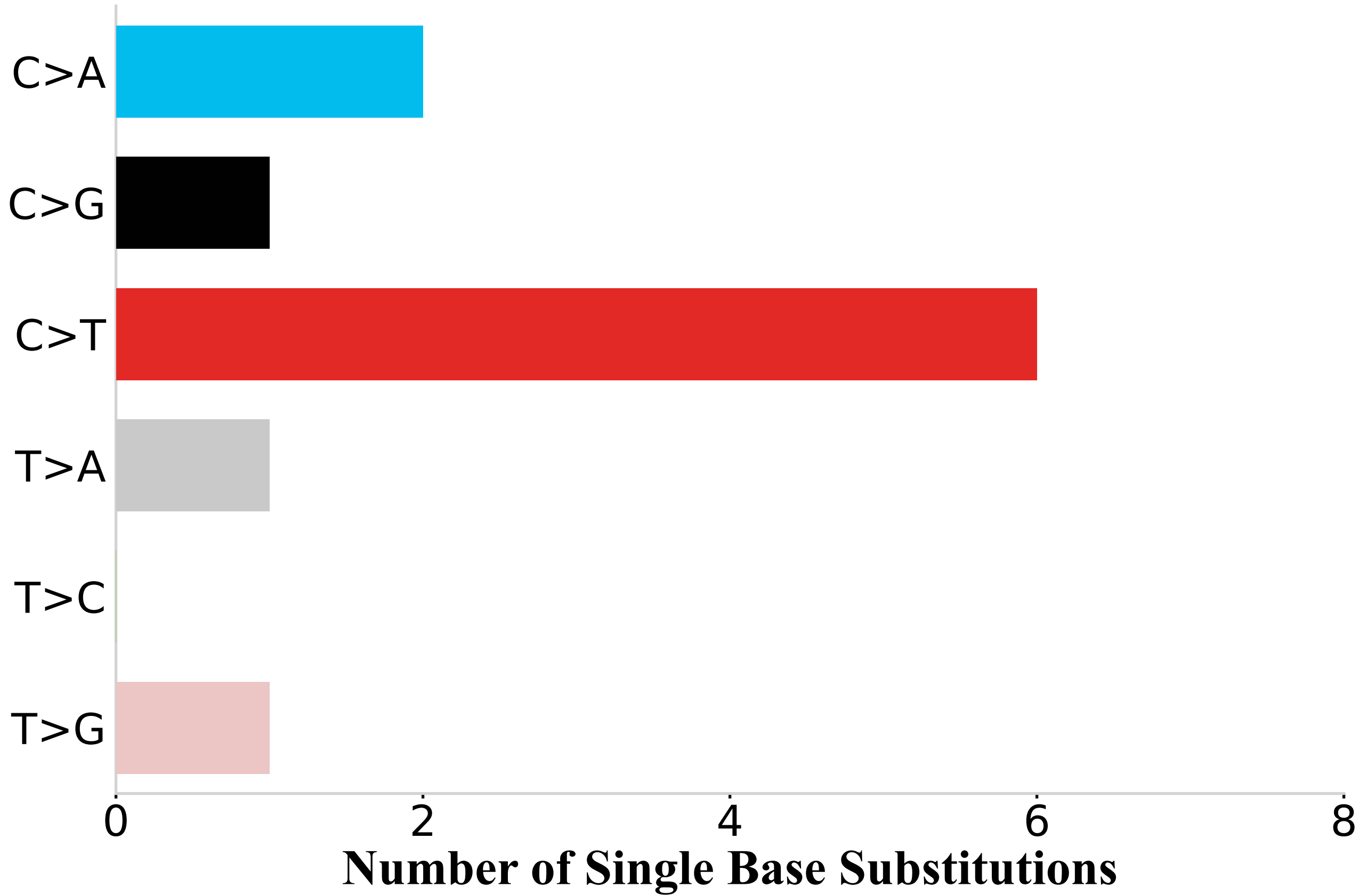
**P-0004672-T01-IM5: 3 subs**



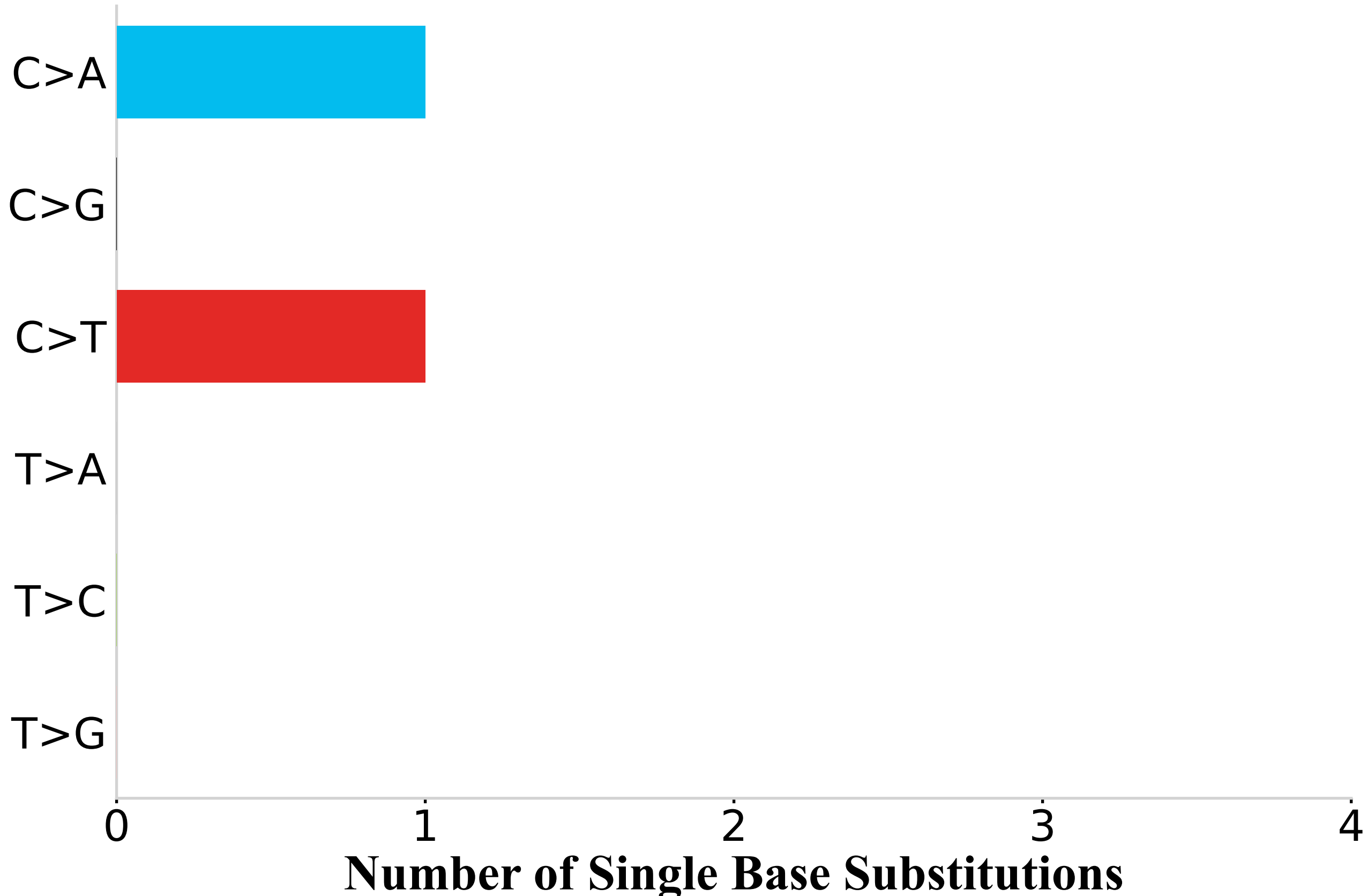
**P-0004724-T01-IM5: 5 subs**



**P-0004809-T02-IM5: 11 subs**

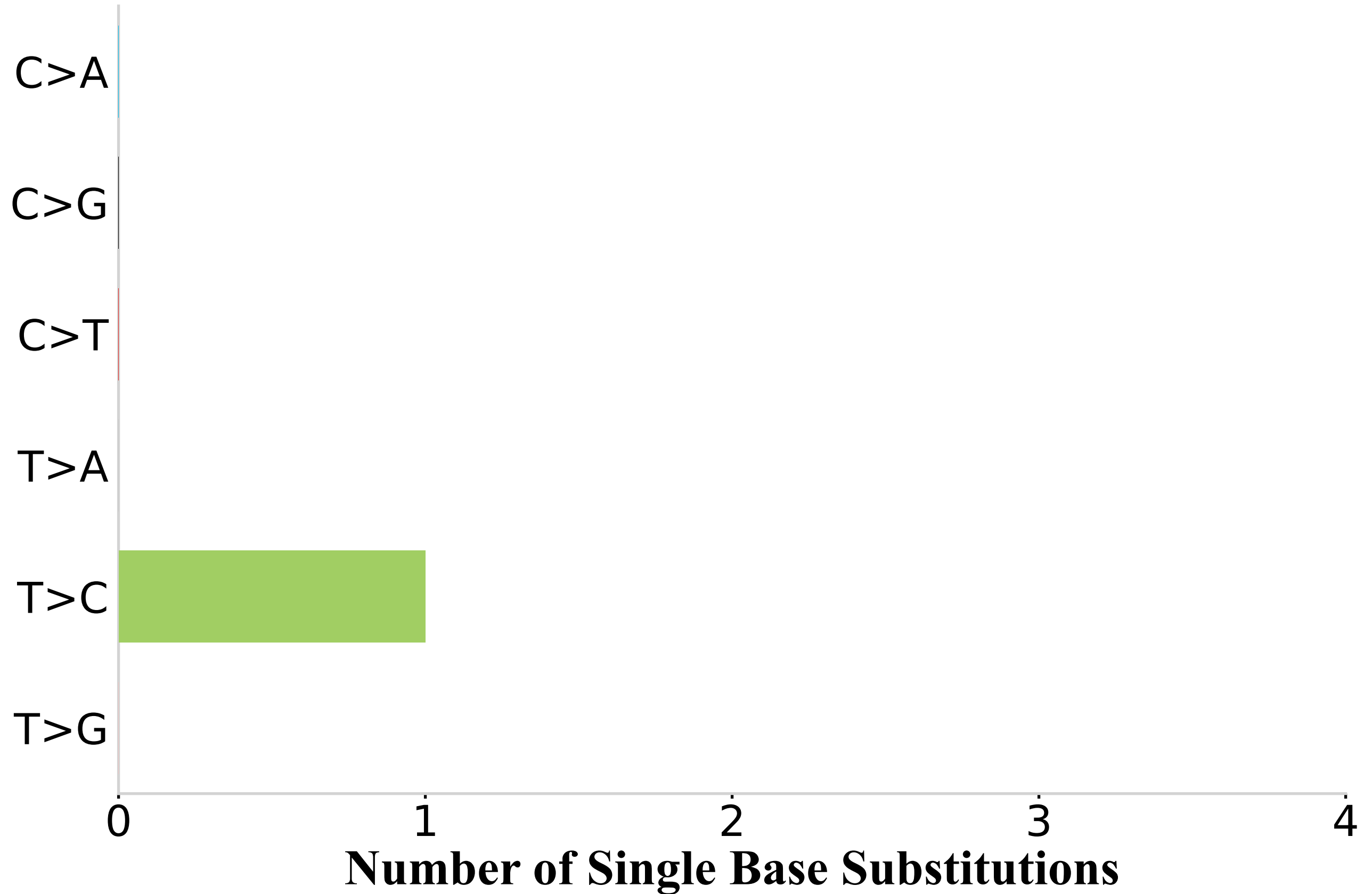


**P-0005056-T01-IM5: 2 subs**

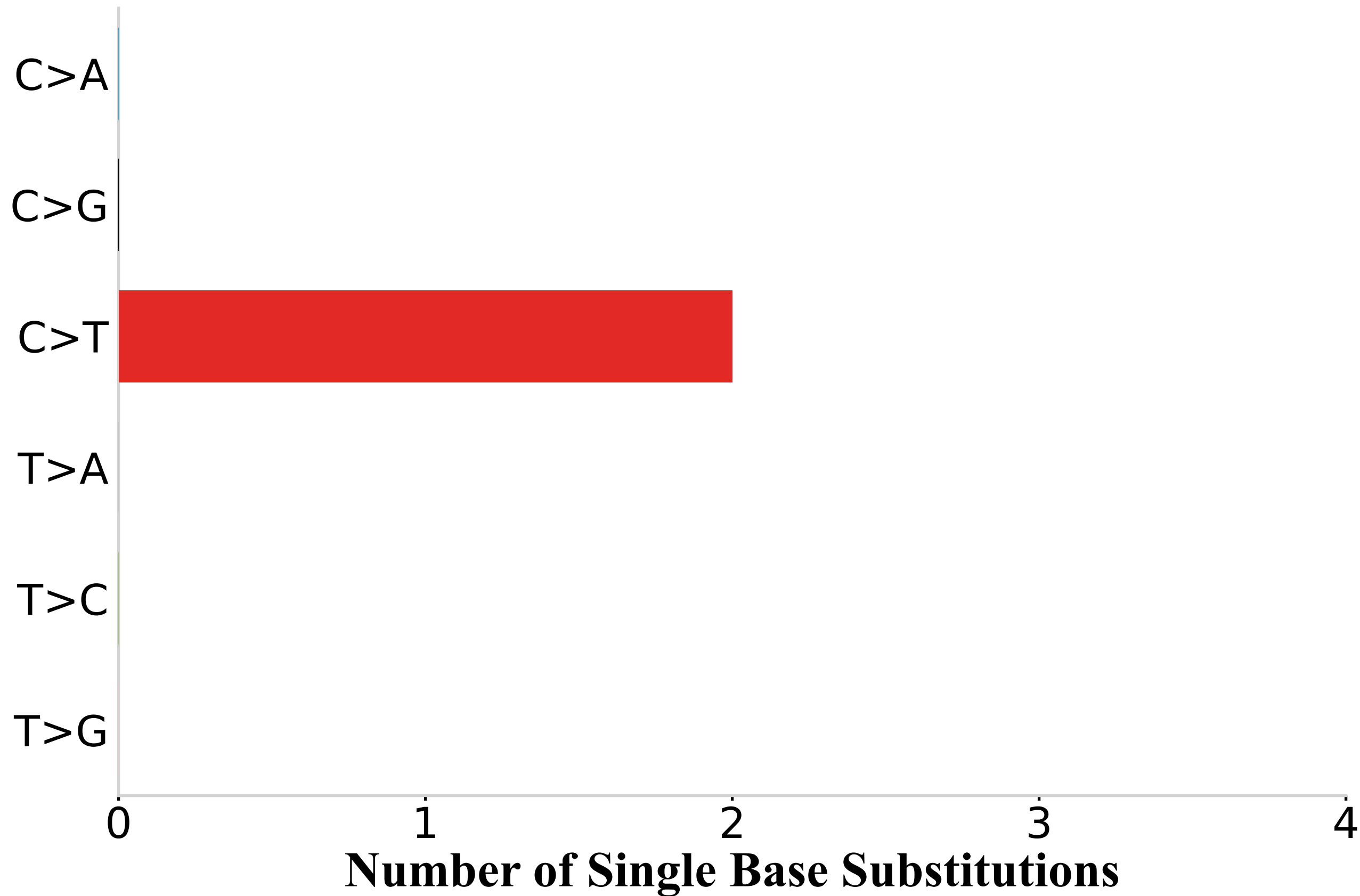




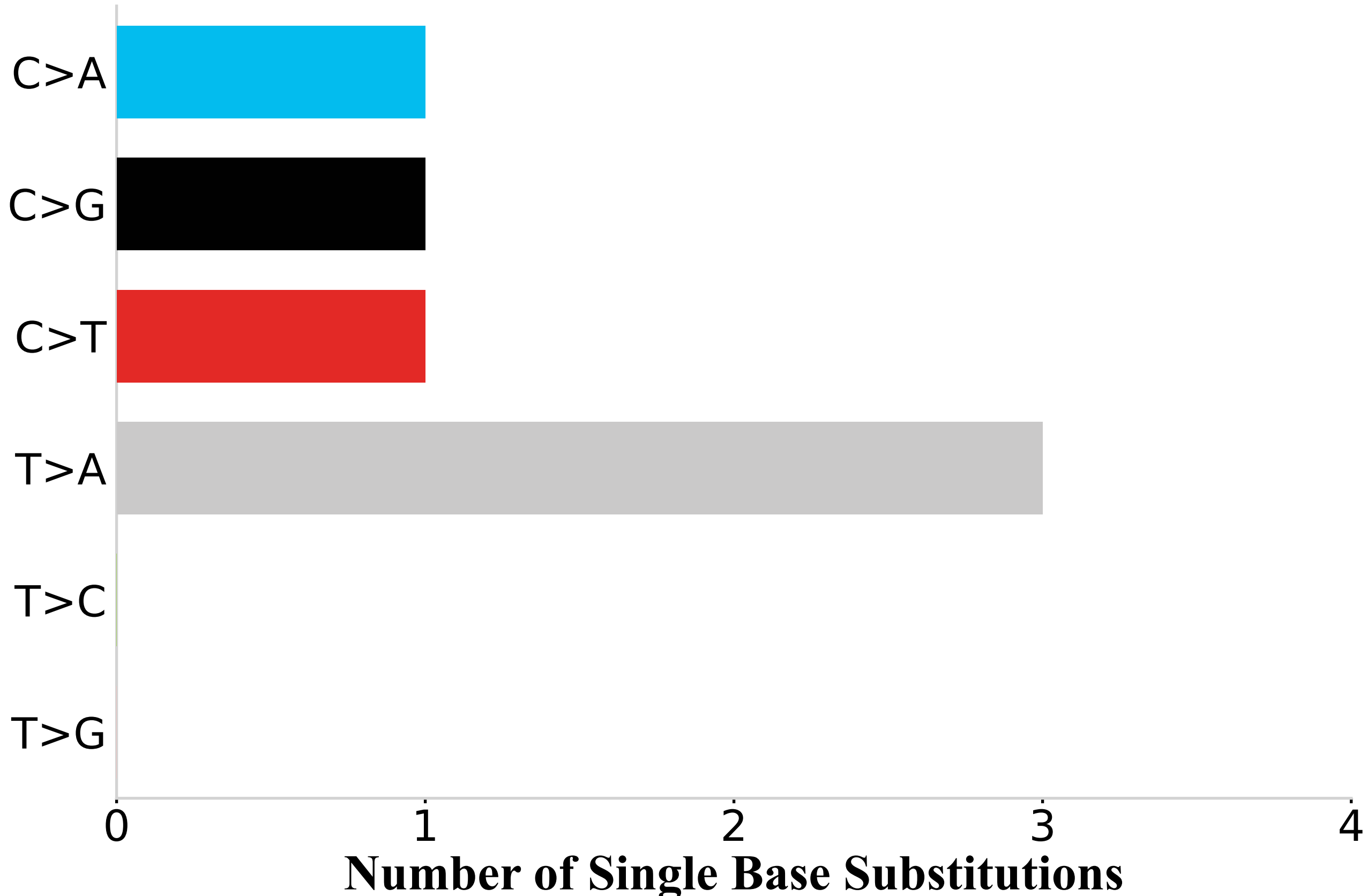
**P-0005208-T01-IM5: 1 subs**



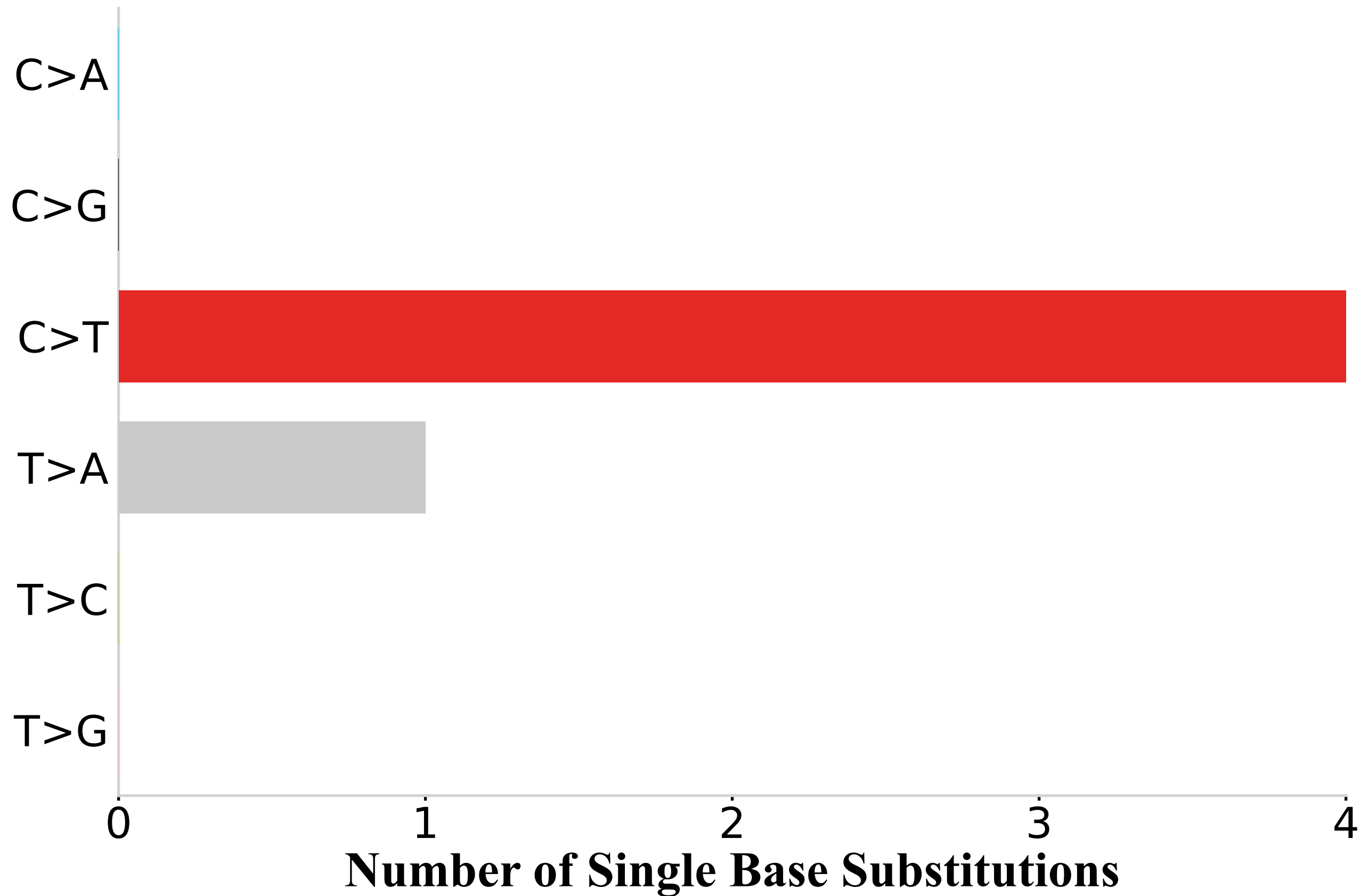
**P-0005296-T01-IM5: 2 subs**



**P-0005363-T01-IM5: 6 subs**



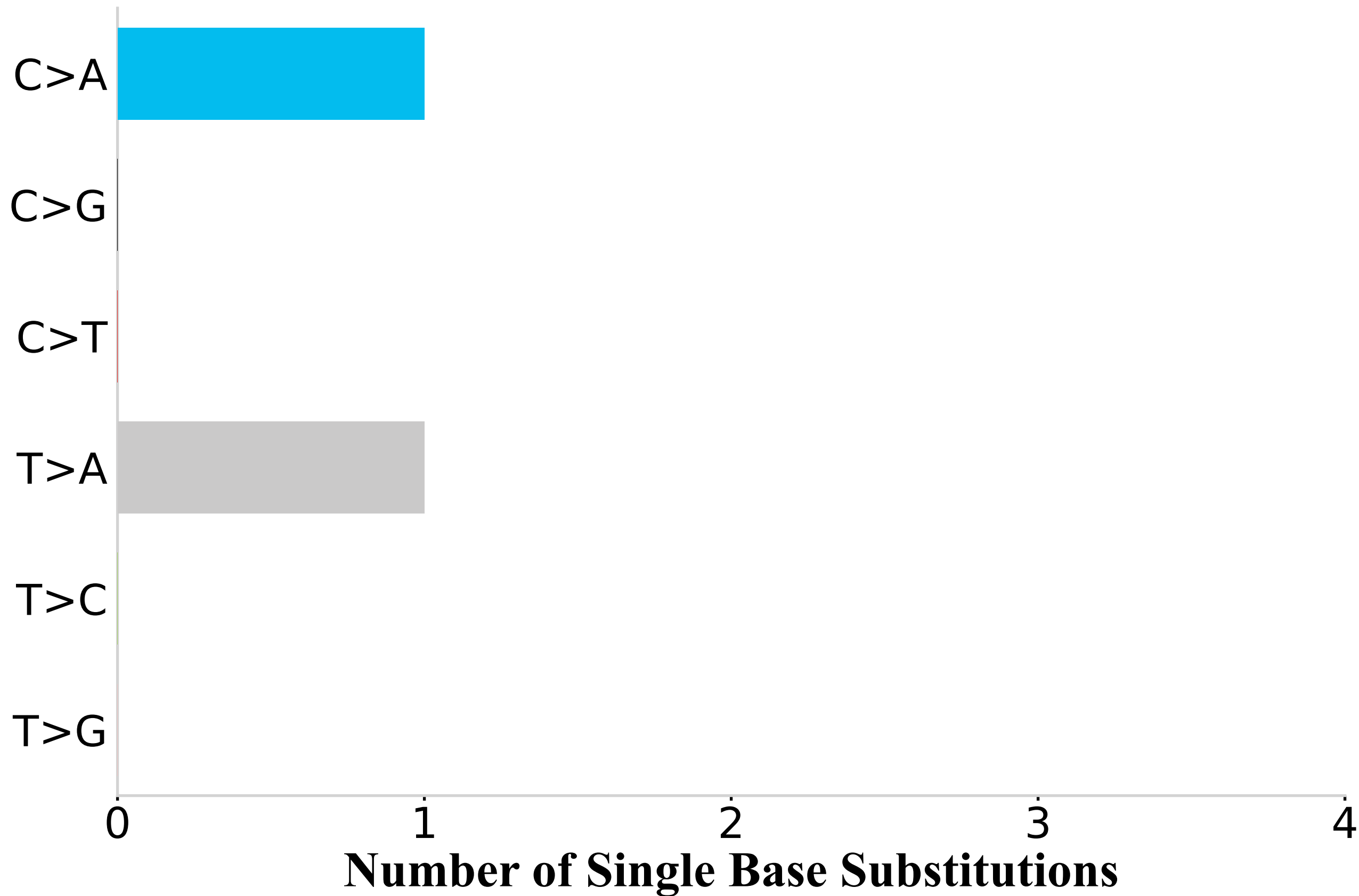
**P-0005796-T01-IM5: 5 subs**



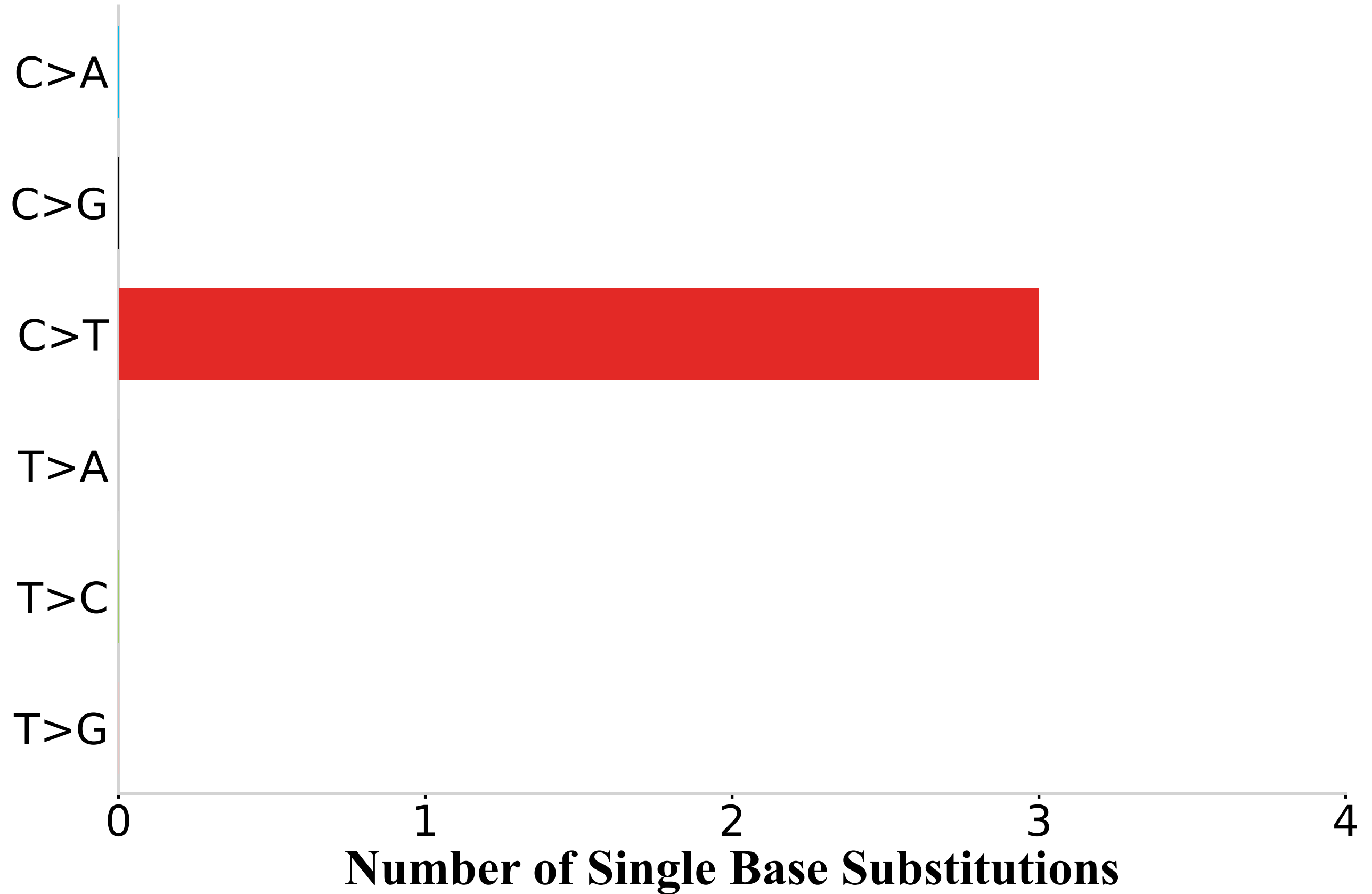
**P-0006302-T01-IM5: 1 subs**



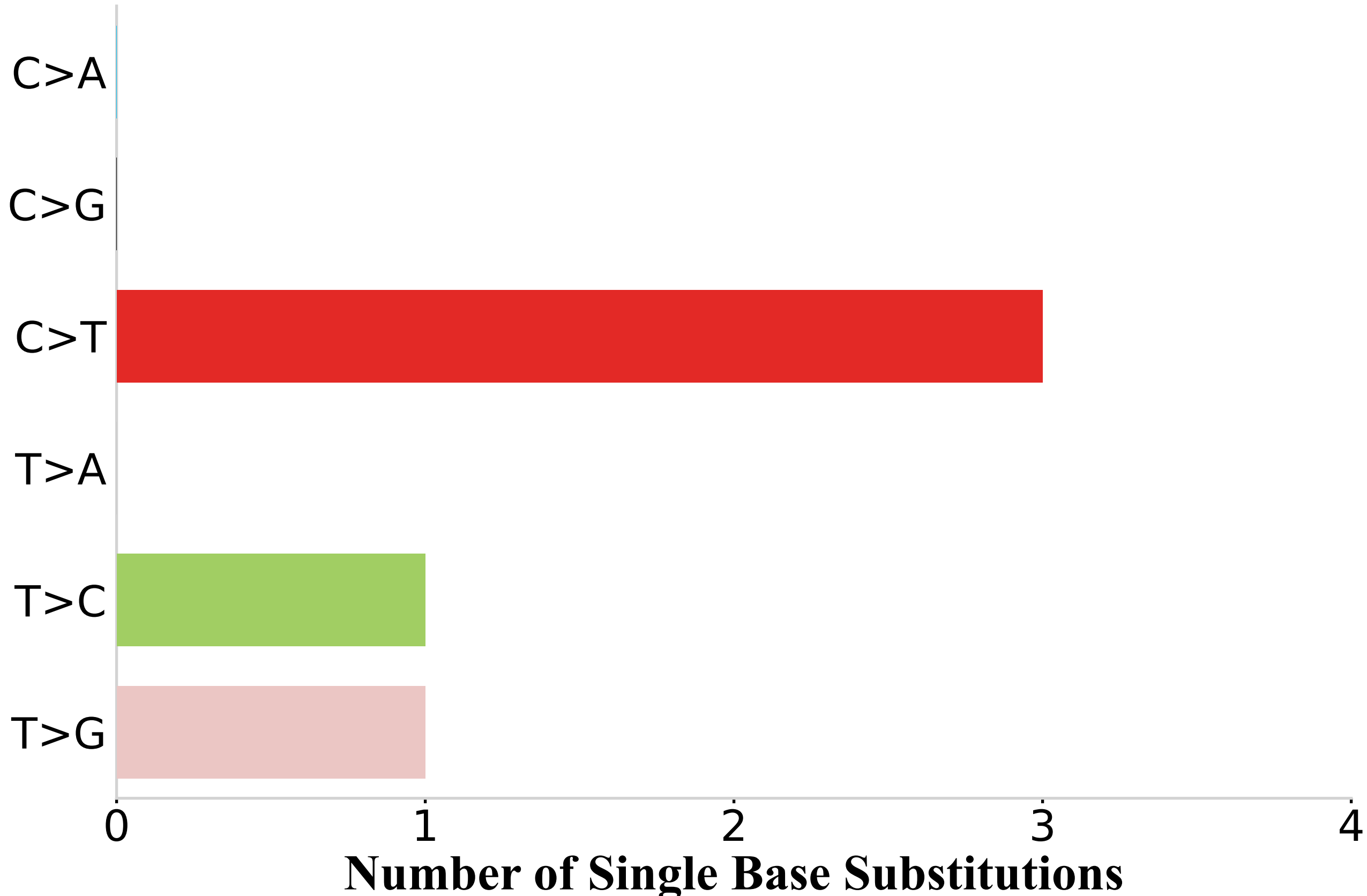
**P-0006478-T01-IM5: 2 subs**



**P-0006817-T01-IM5: 3 subs**

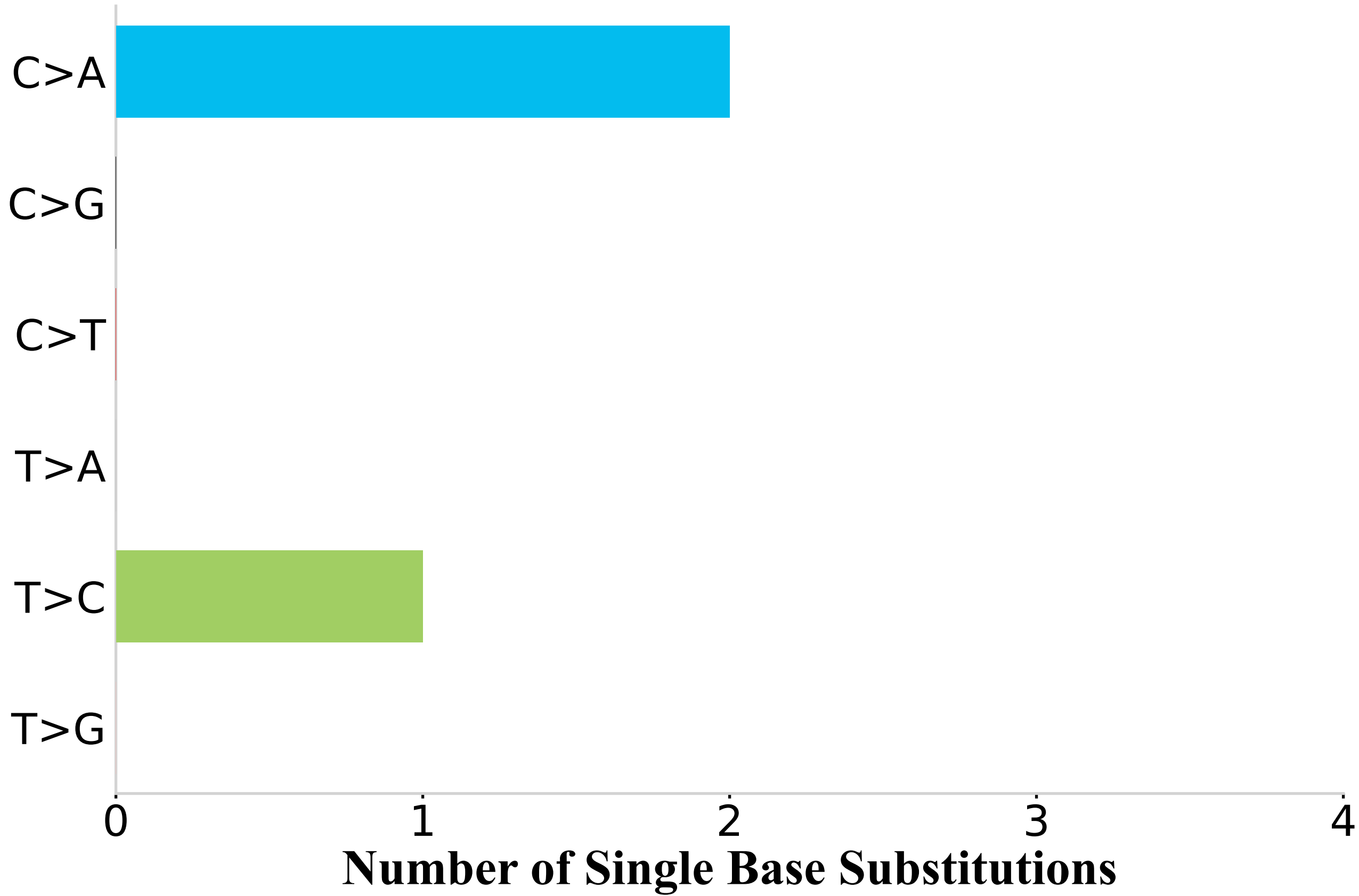


**P-0006841-T01-IM5: 5 subs**

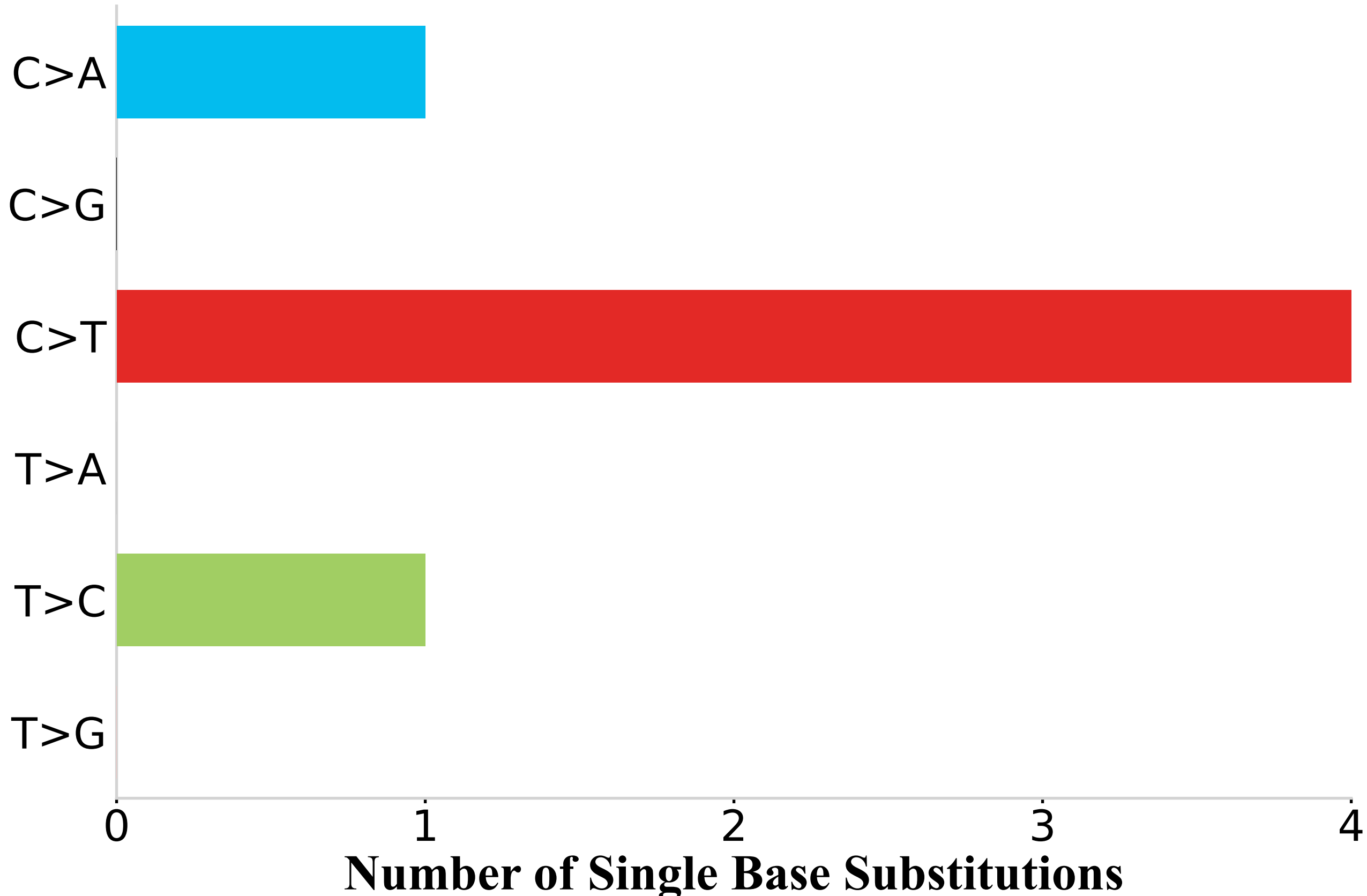




**P-0007030-T01-IM5: 3 subs**



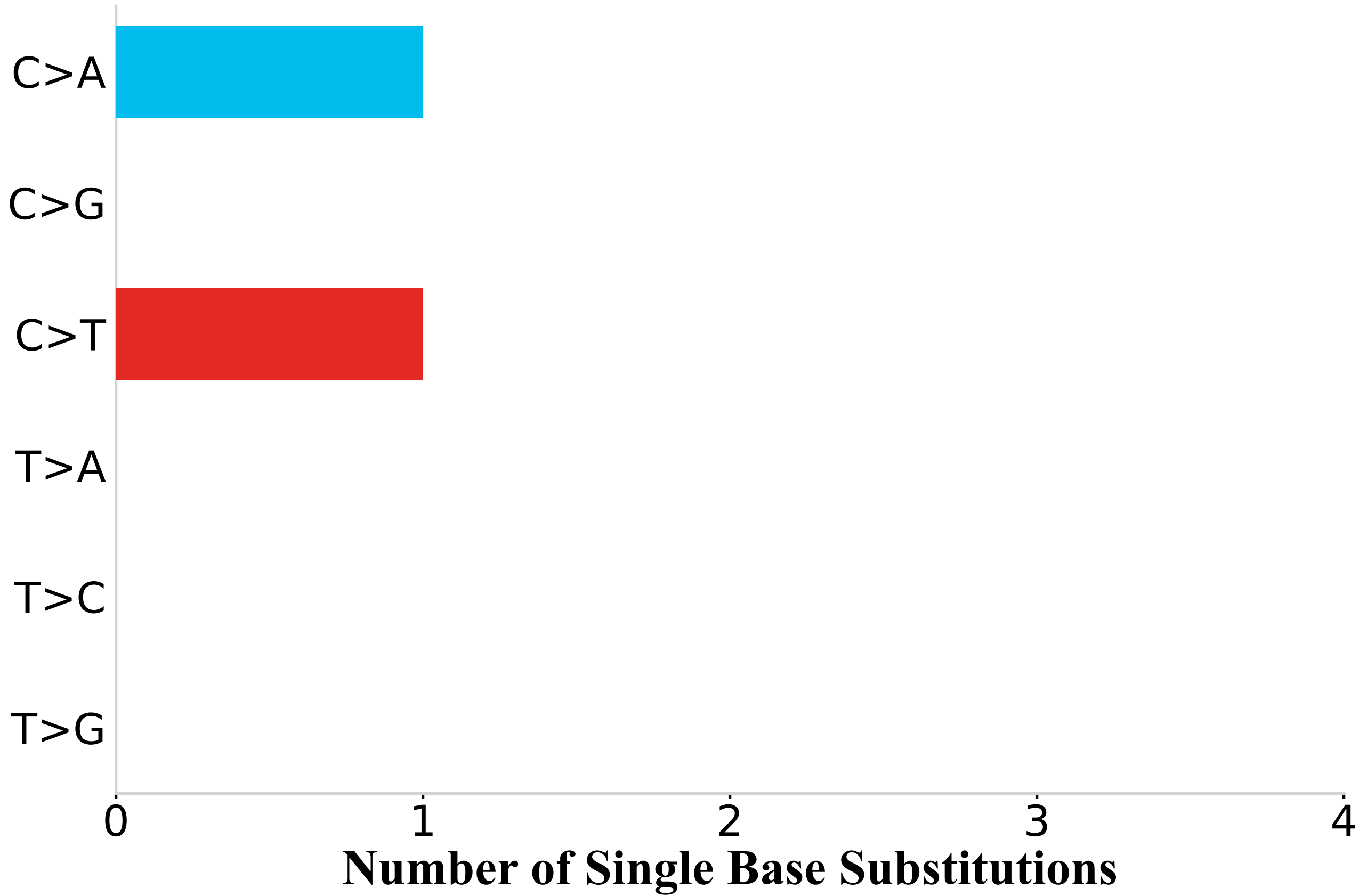
**P-0007094-T01-IM5: 6 subs**



**P-0007105-T01-IM5: 3 subs**



**P-0007116-T01-IM5: 2 subs**



**P-0007217-T01-IM5: 1 subs**



**P-0007512-T01-IM5: 4 subs**

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C>G

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T>A

T>C

T>G

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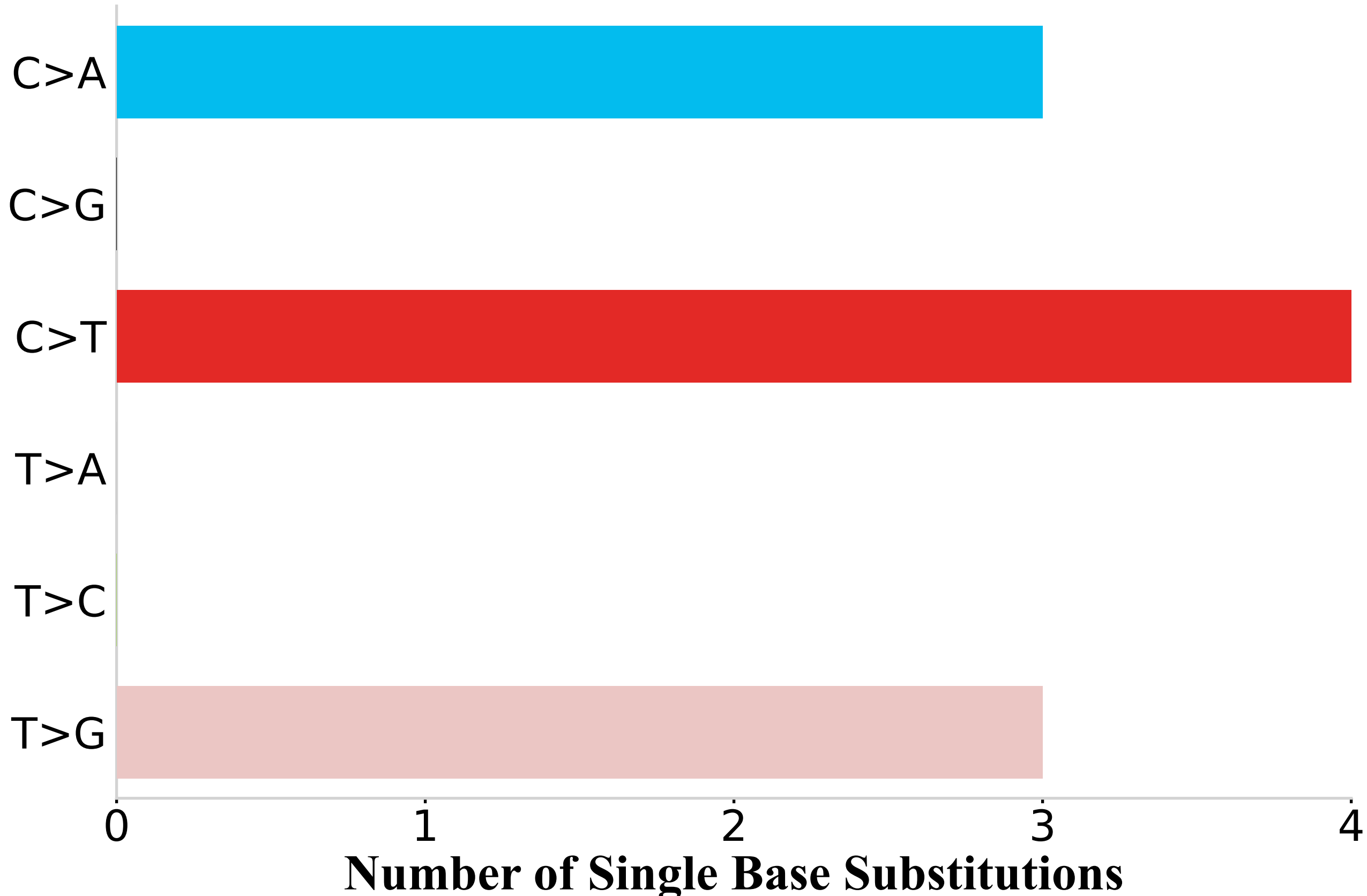
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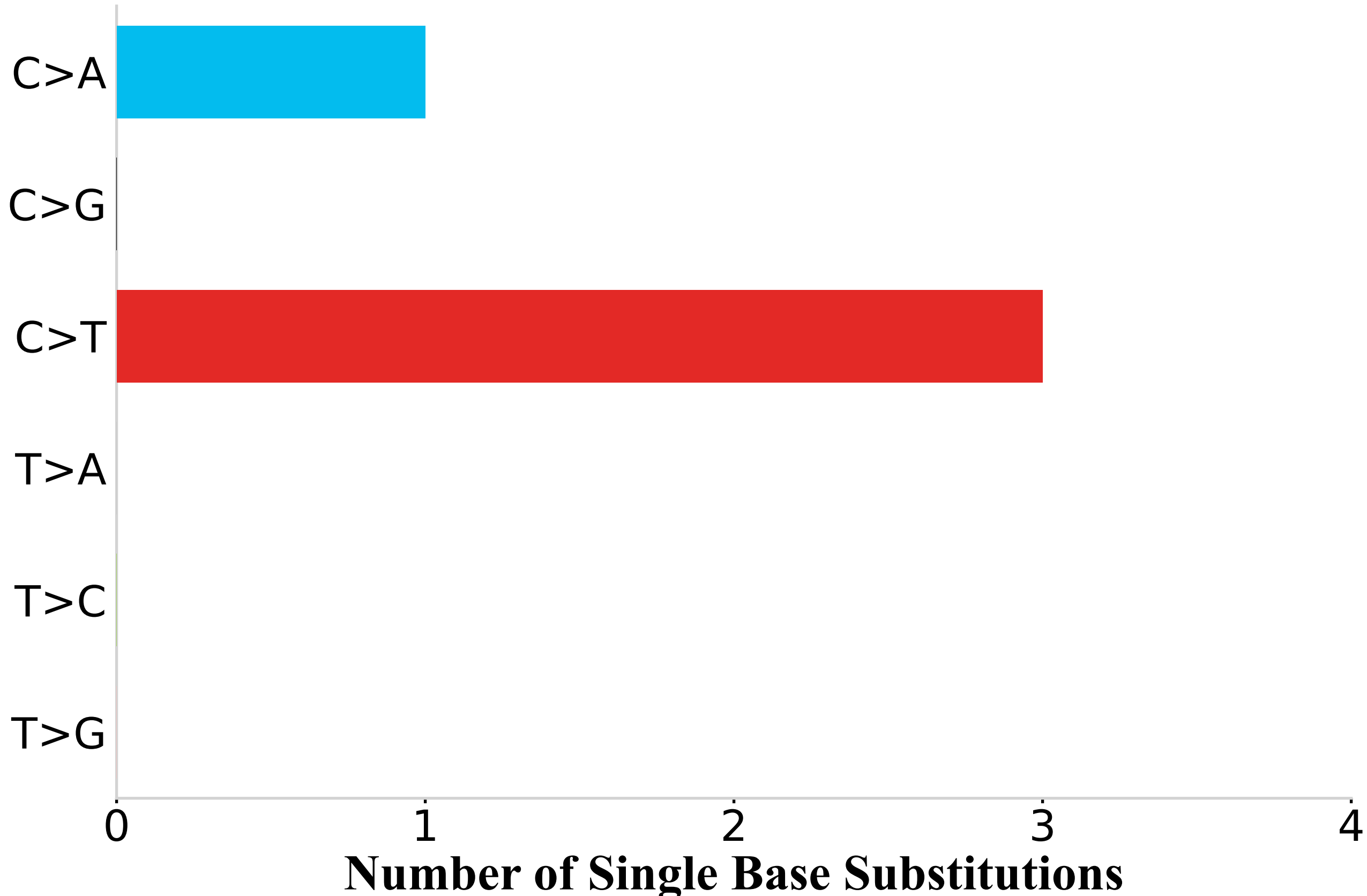
**Number of Single Base Substitutions**



**P-0007923-T01-IM5: 10 subs**

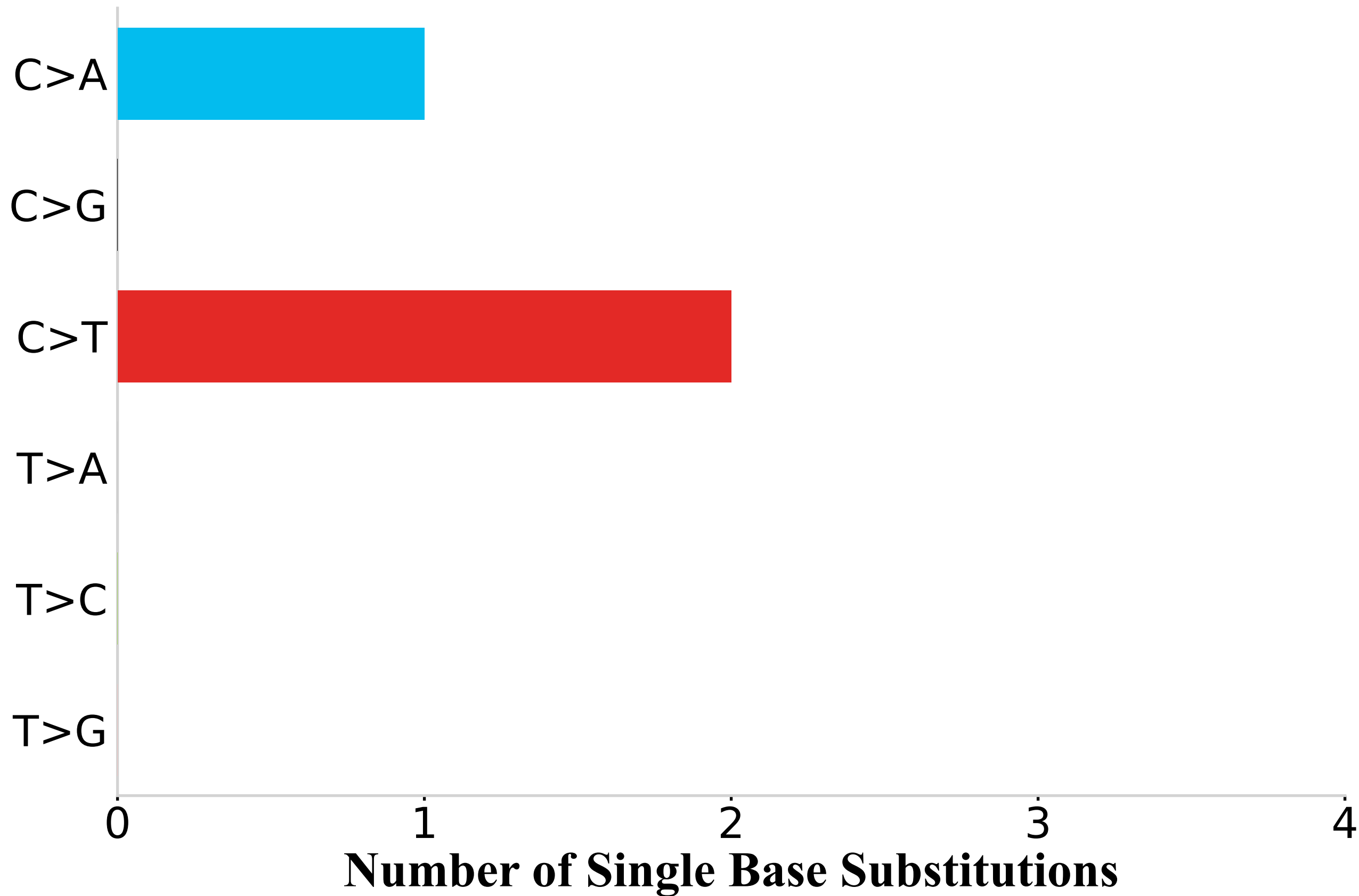


**P-0008142-T02-IM5: 4 subs**

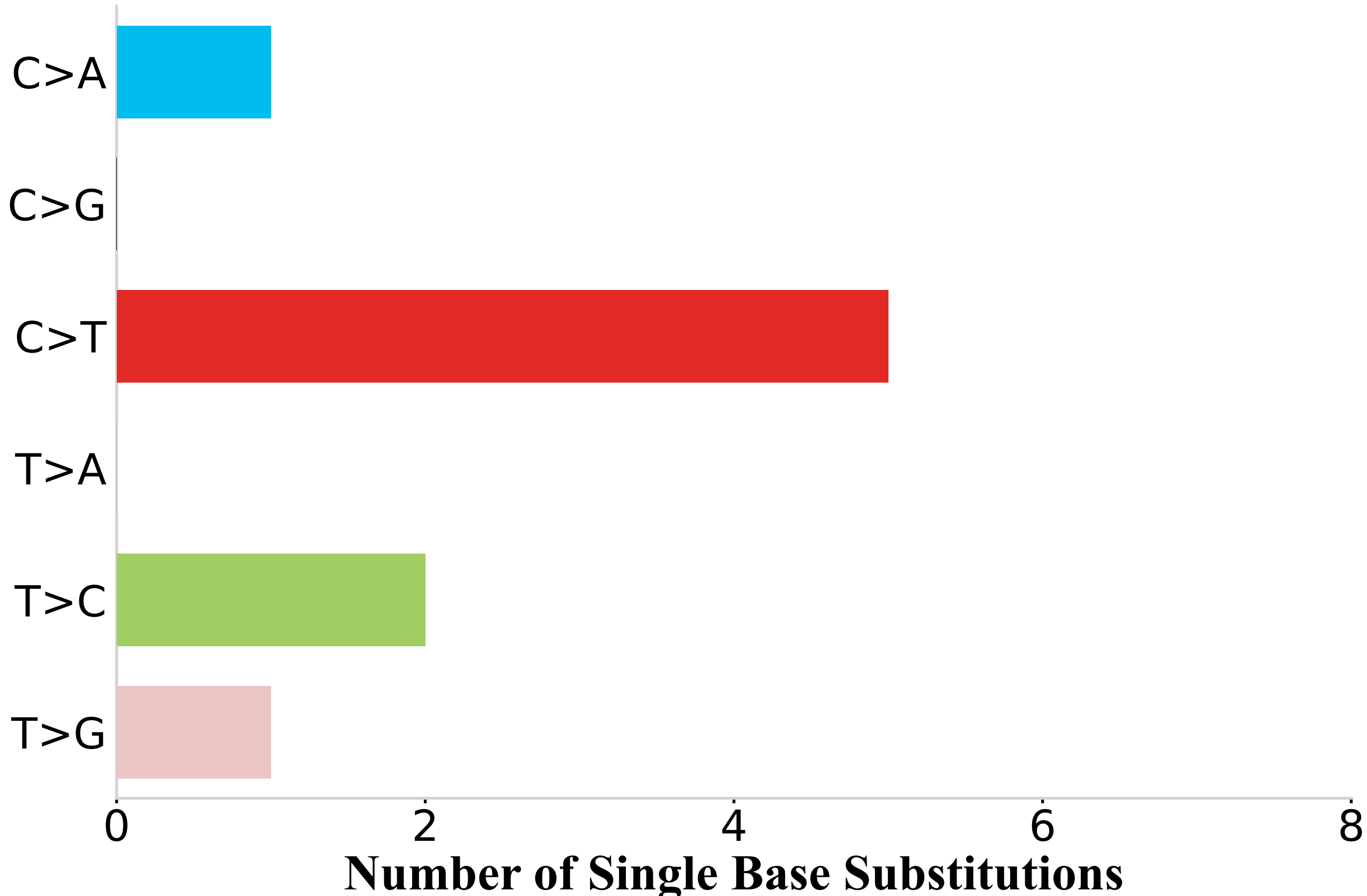




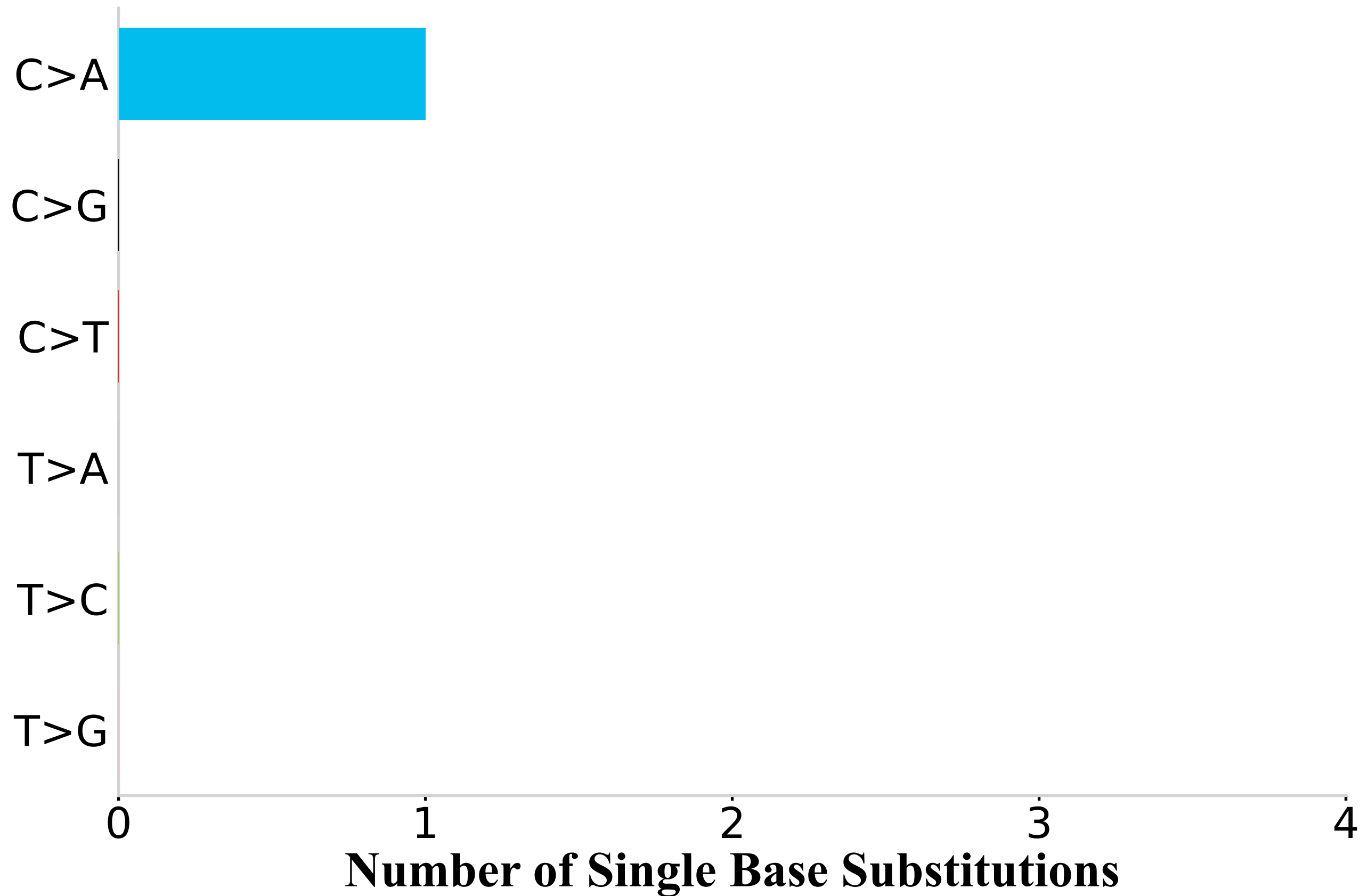
**P-0008238-T02-IM6: 3 subs**



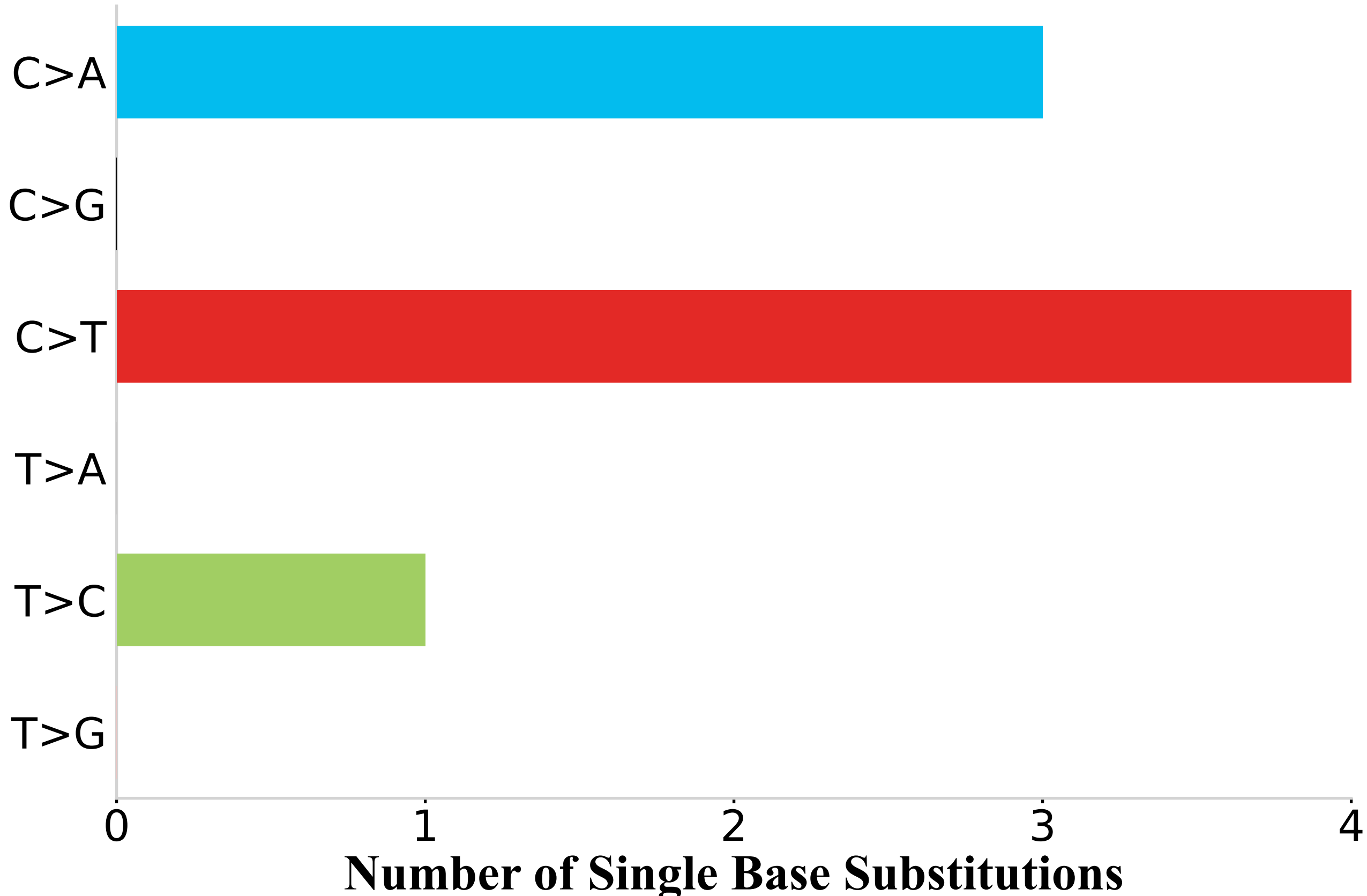
**P-0008568-T01-IM5: 9 subs**



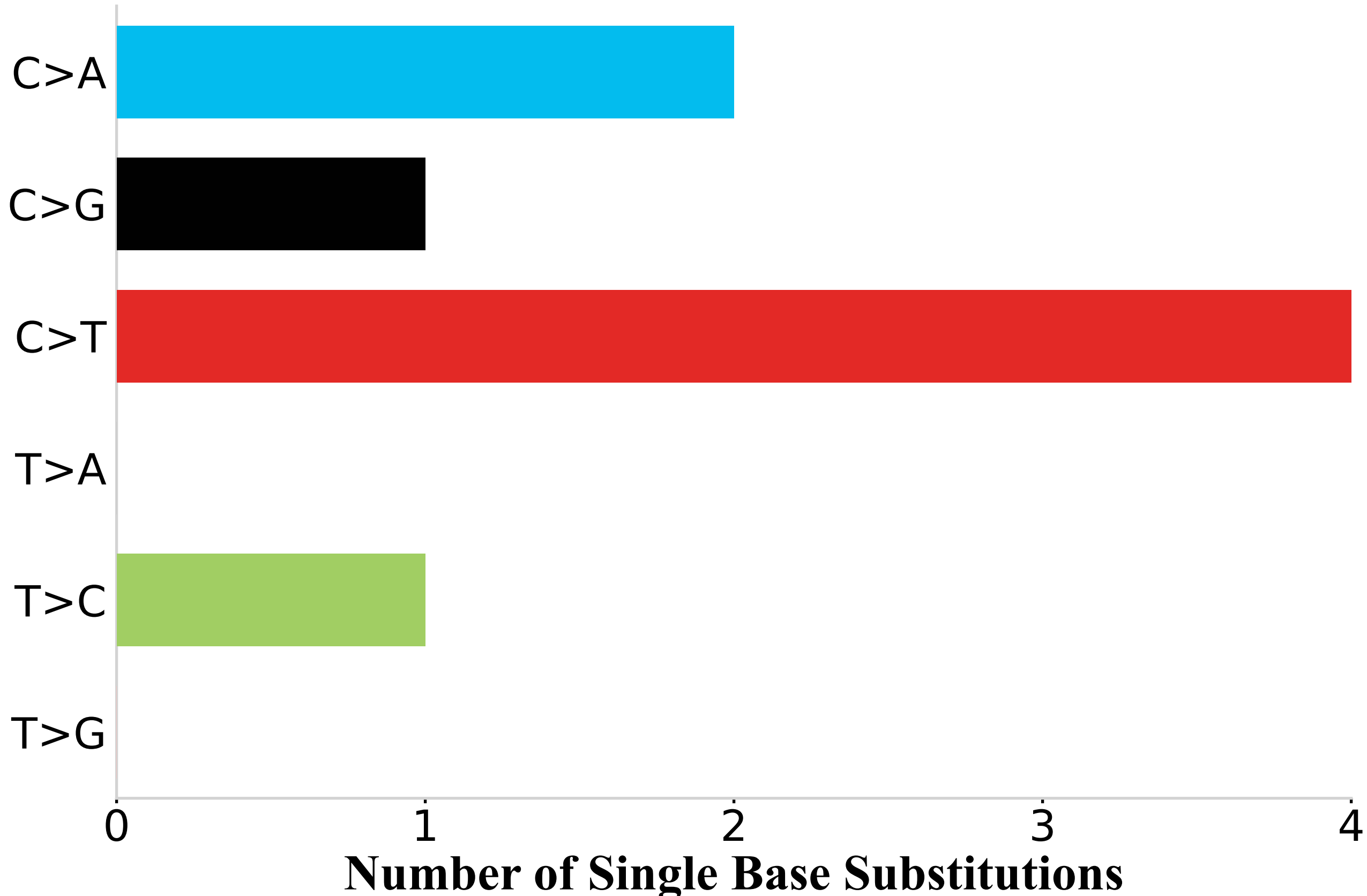
**P-0008692-T01-IM5: 1 subs**



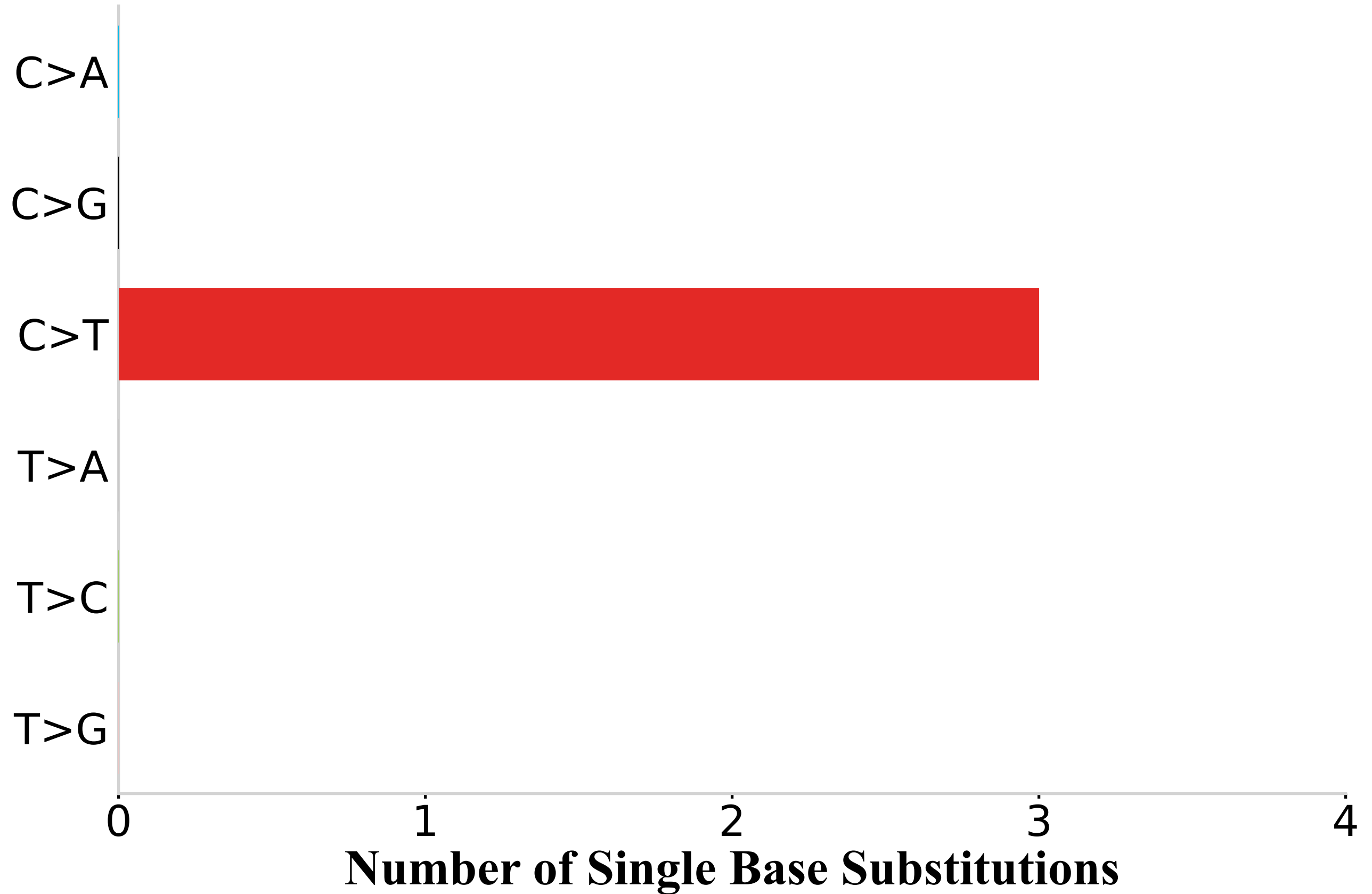
**P-0008730-T01-IM5: 8 subs**



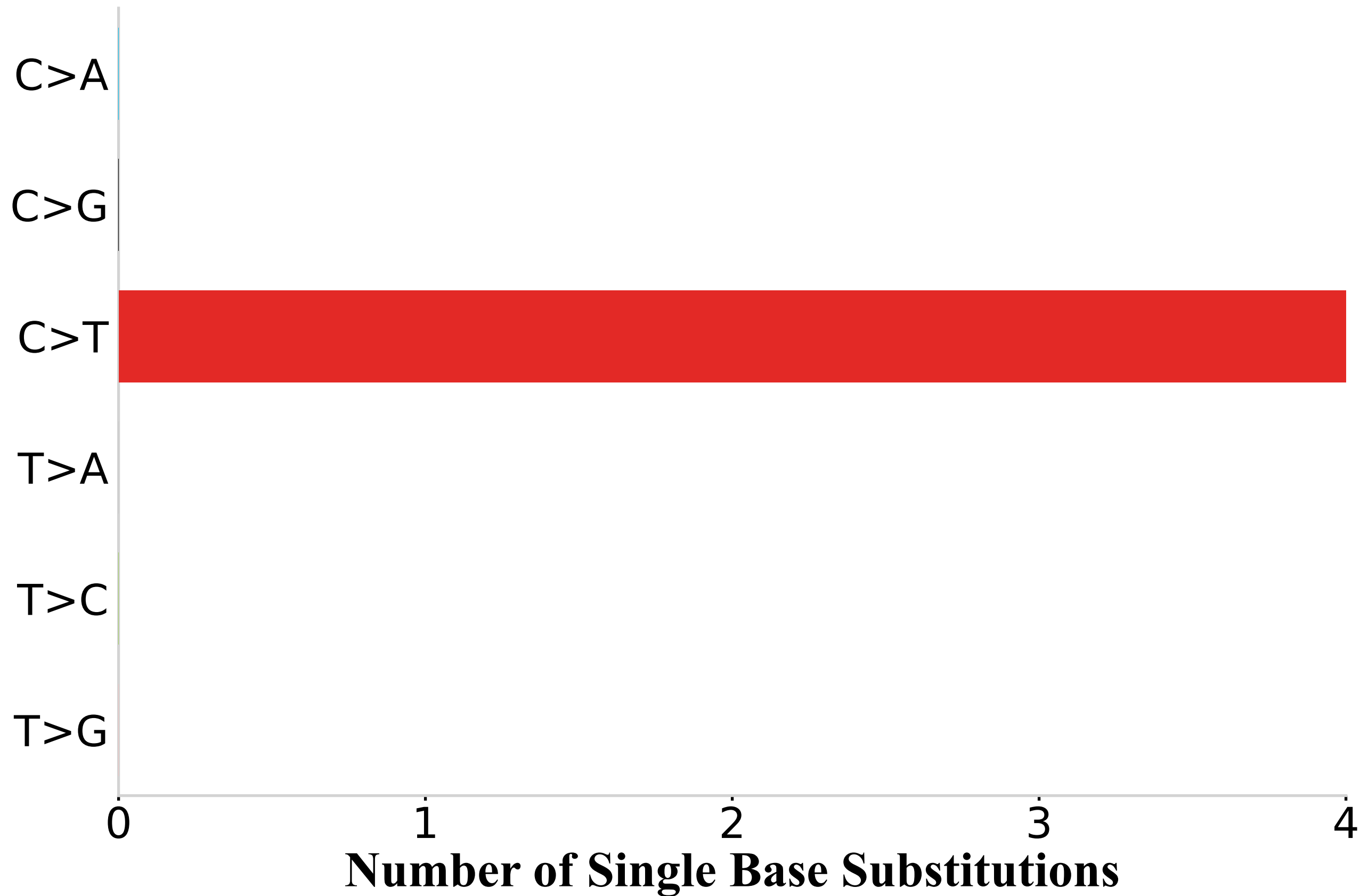
**P-0008815-T01-IM5: 8 subs**



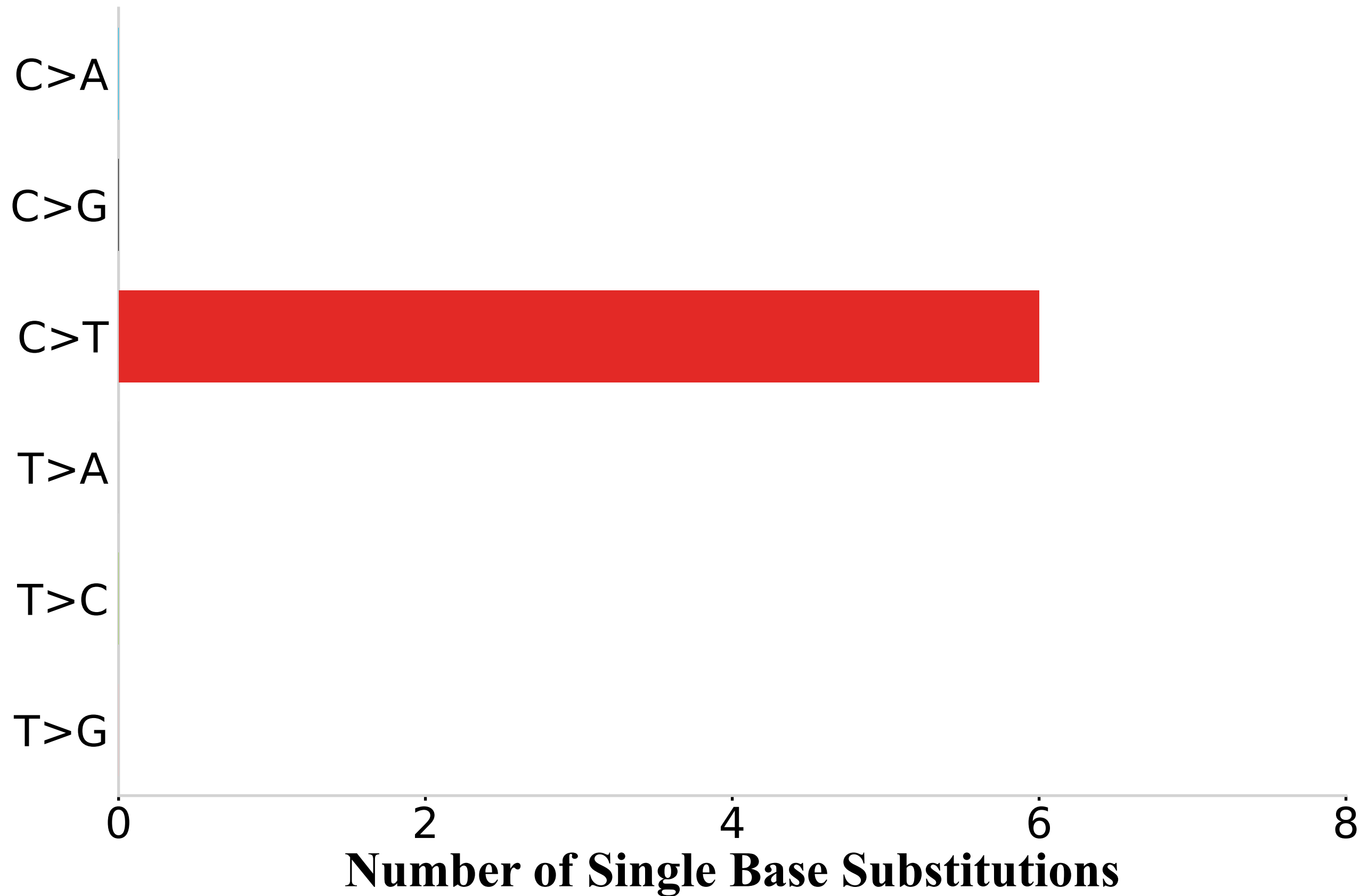
**P-0009079-T01-IM5: 3 subs**



**P-0009138-T01-IM5: 4 subs**

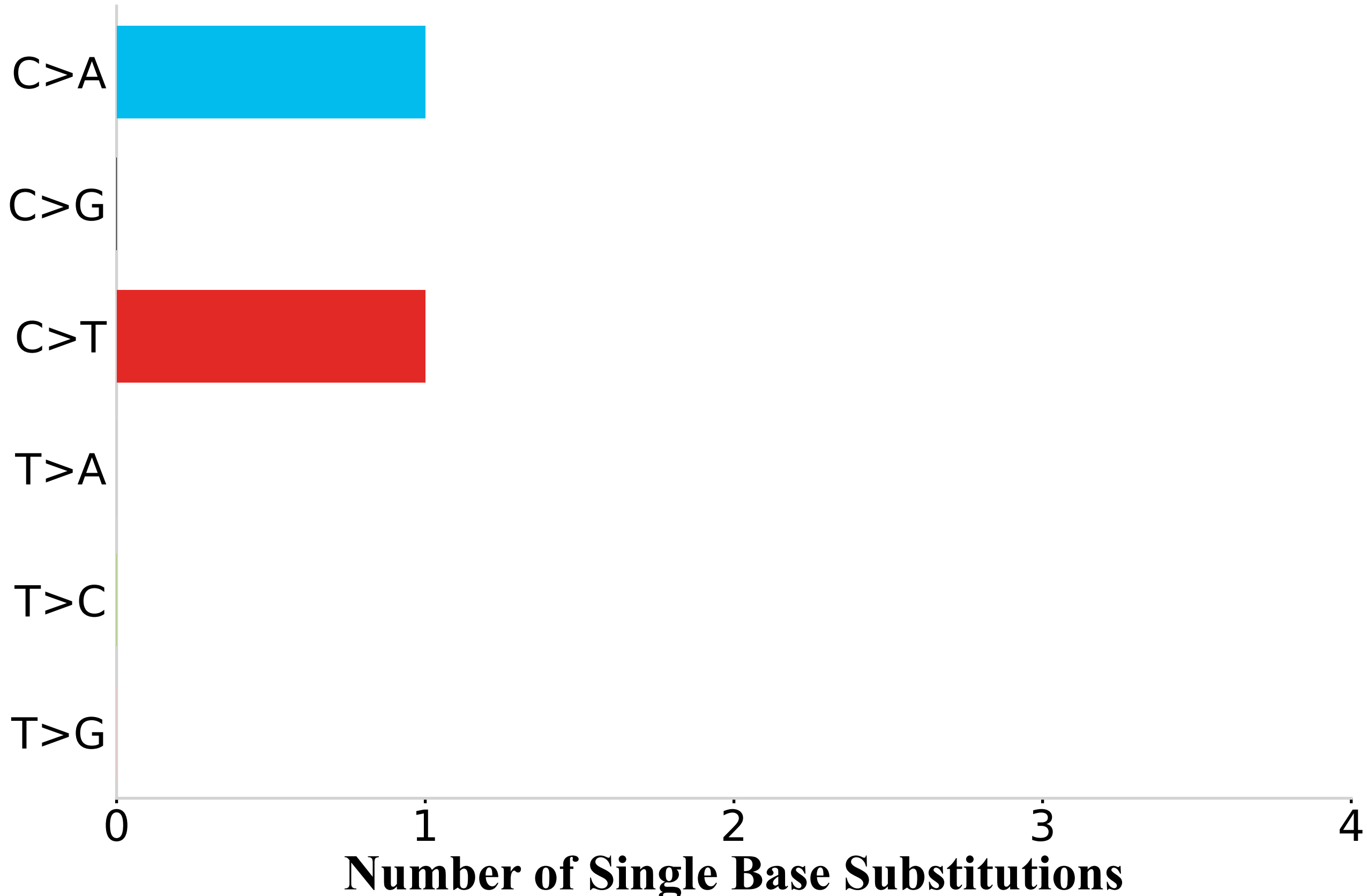


**P-0009173-T01-IM5: 6 subs**

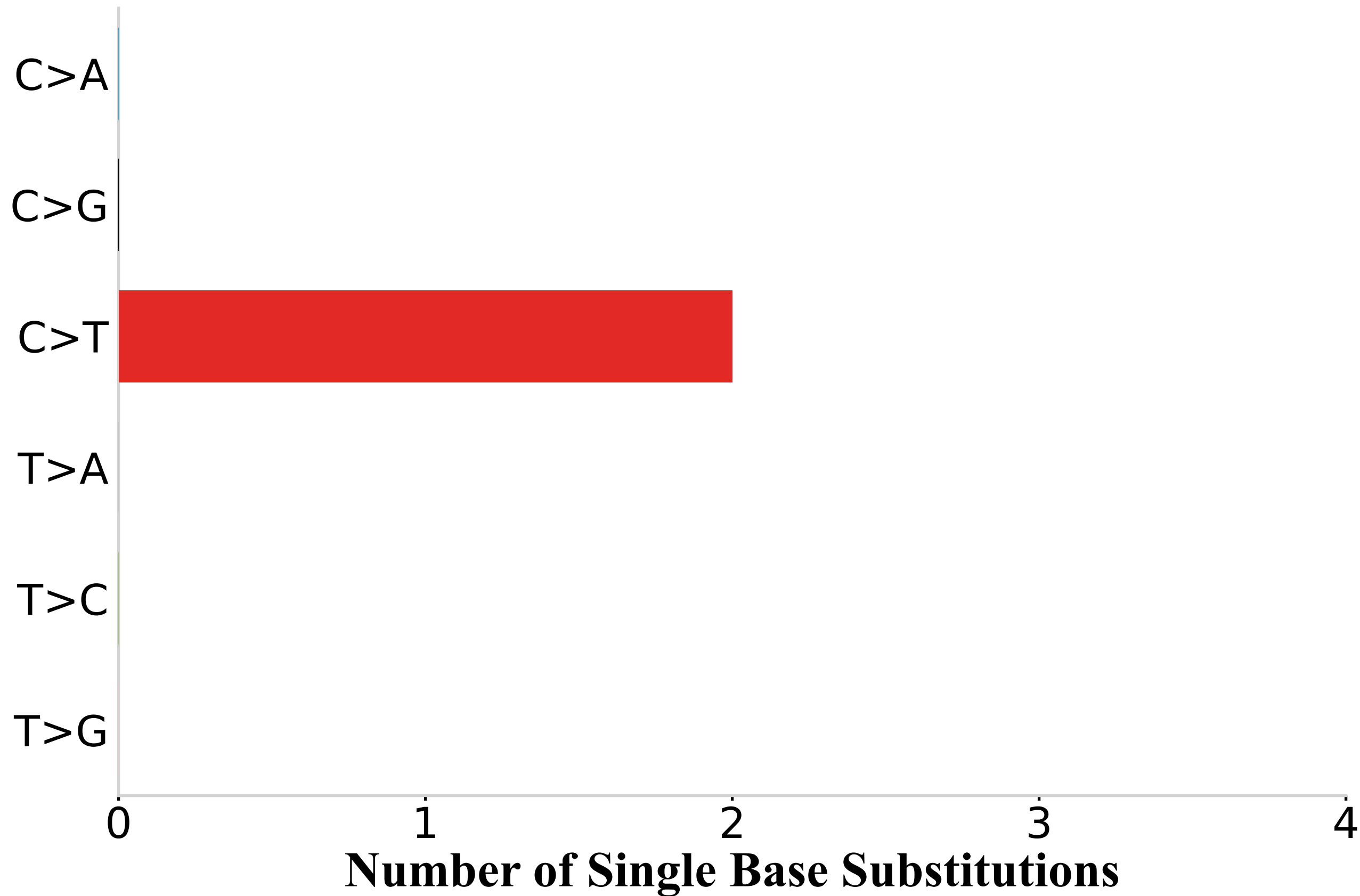




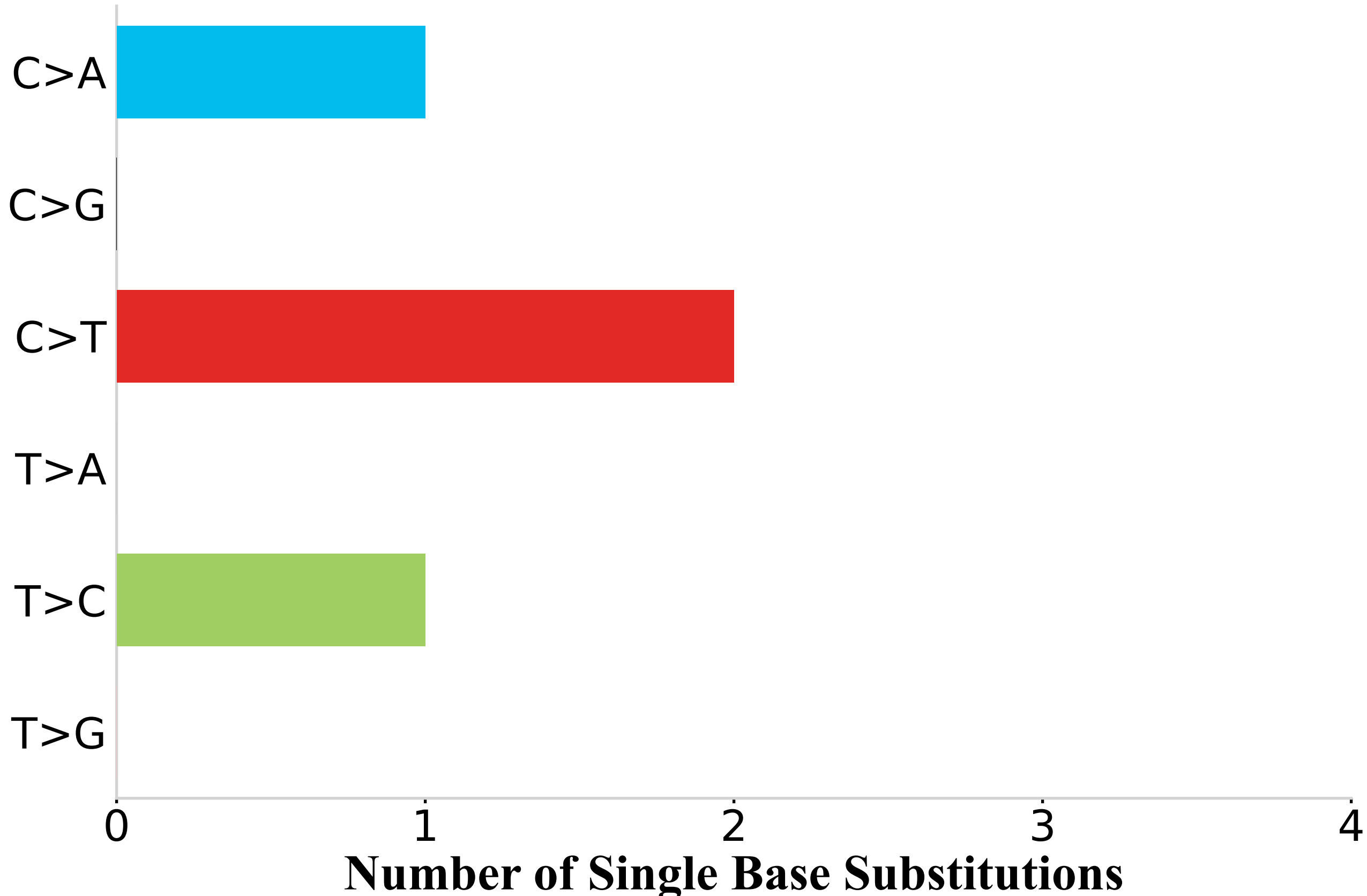
**P-0009321-T01-IM5: 2 subs**



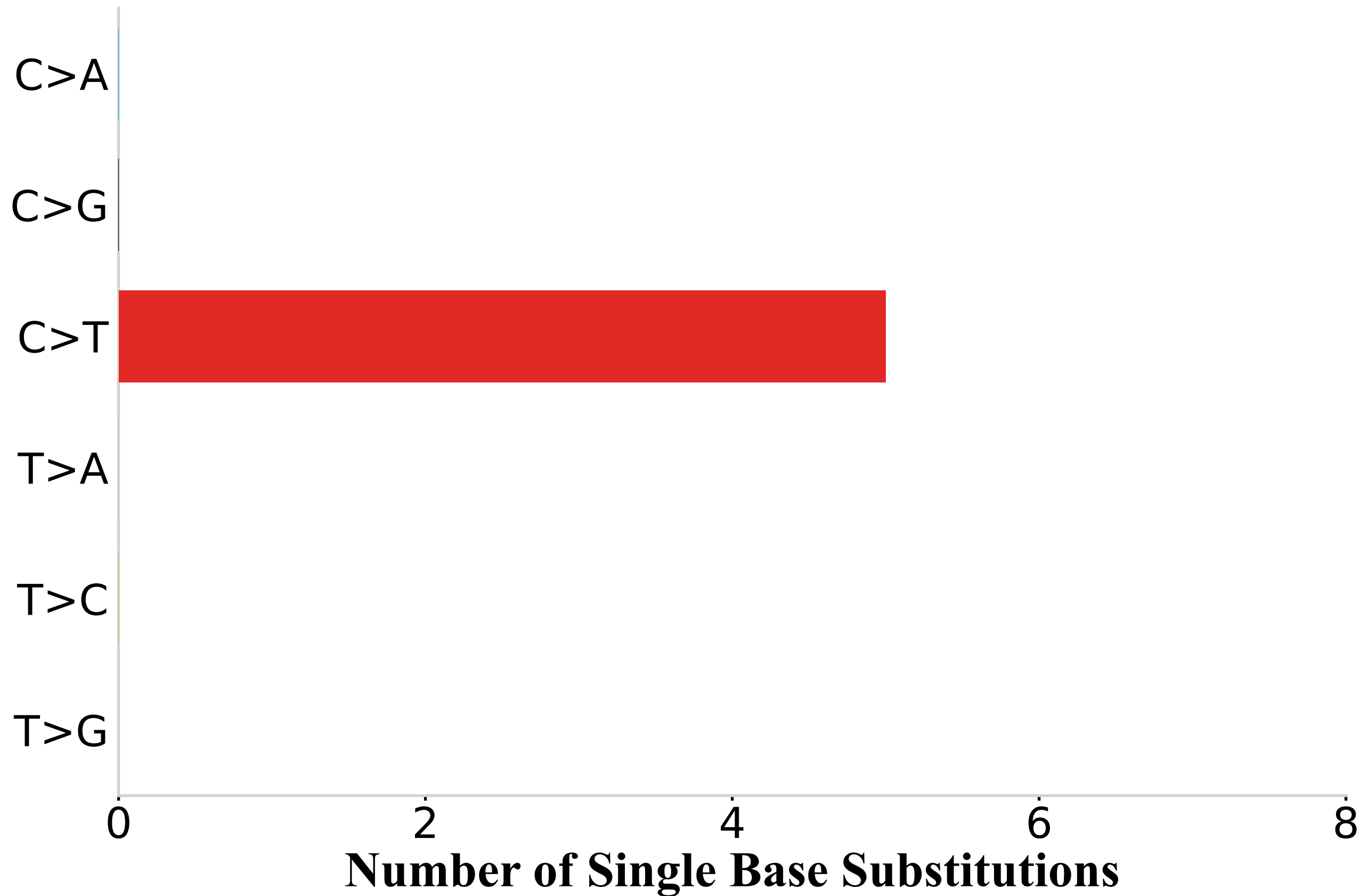
**P-0009693-T01-IM5: 2 subs**



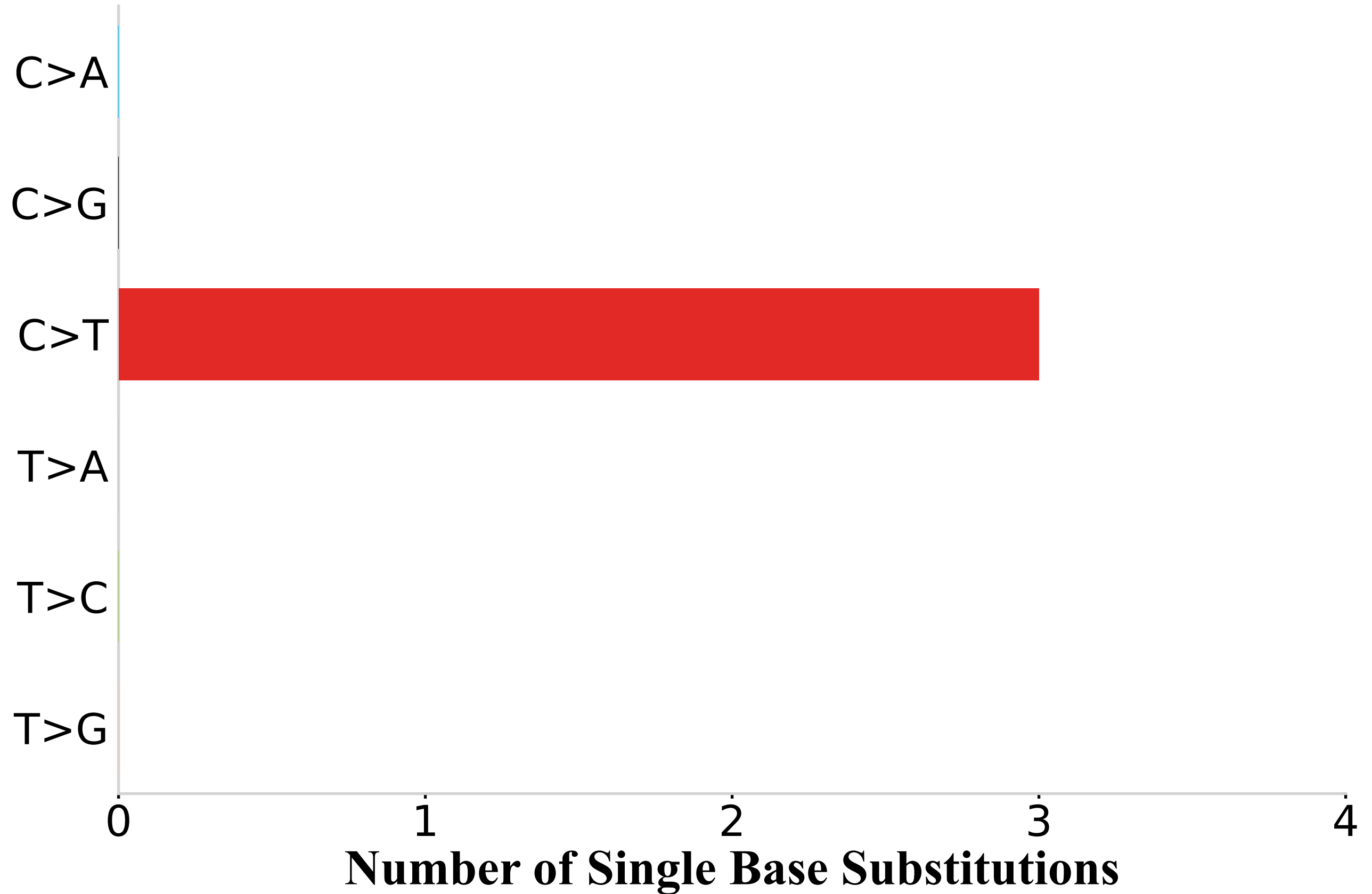
**P-0009698-T01-IM5: 4 subs**



**P-0009794-T01-IM5: 5 subs**



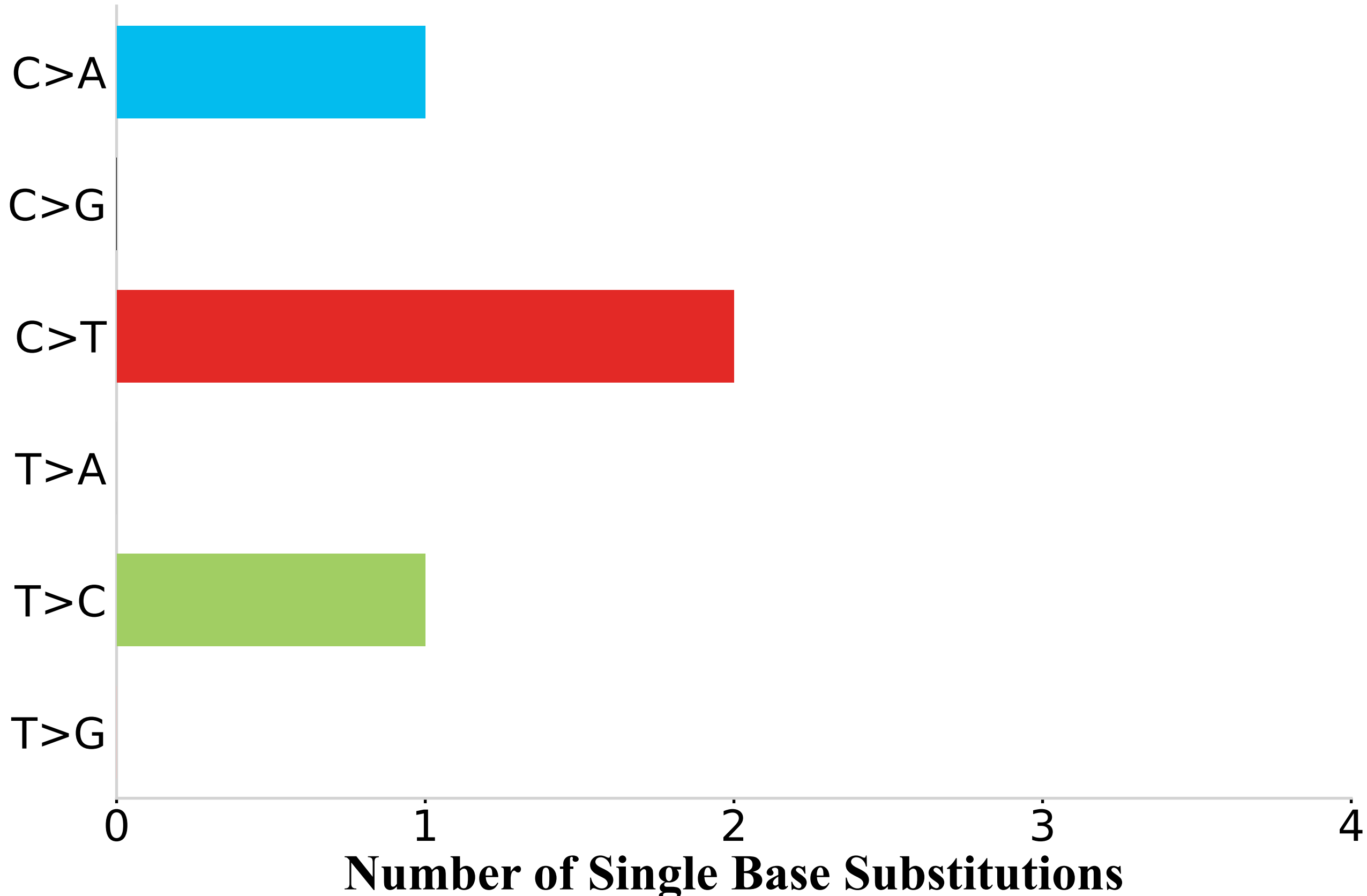
**P-0009899-T01-IM5: 3 subs**



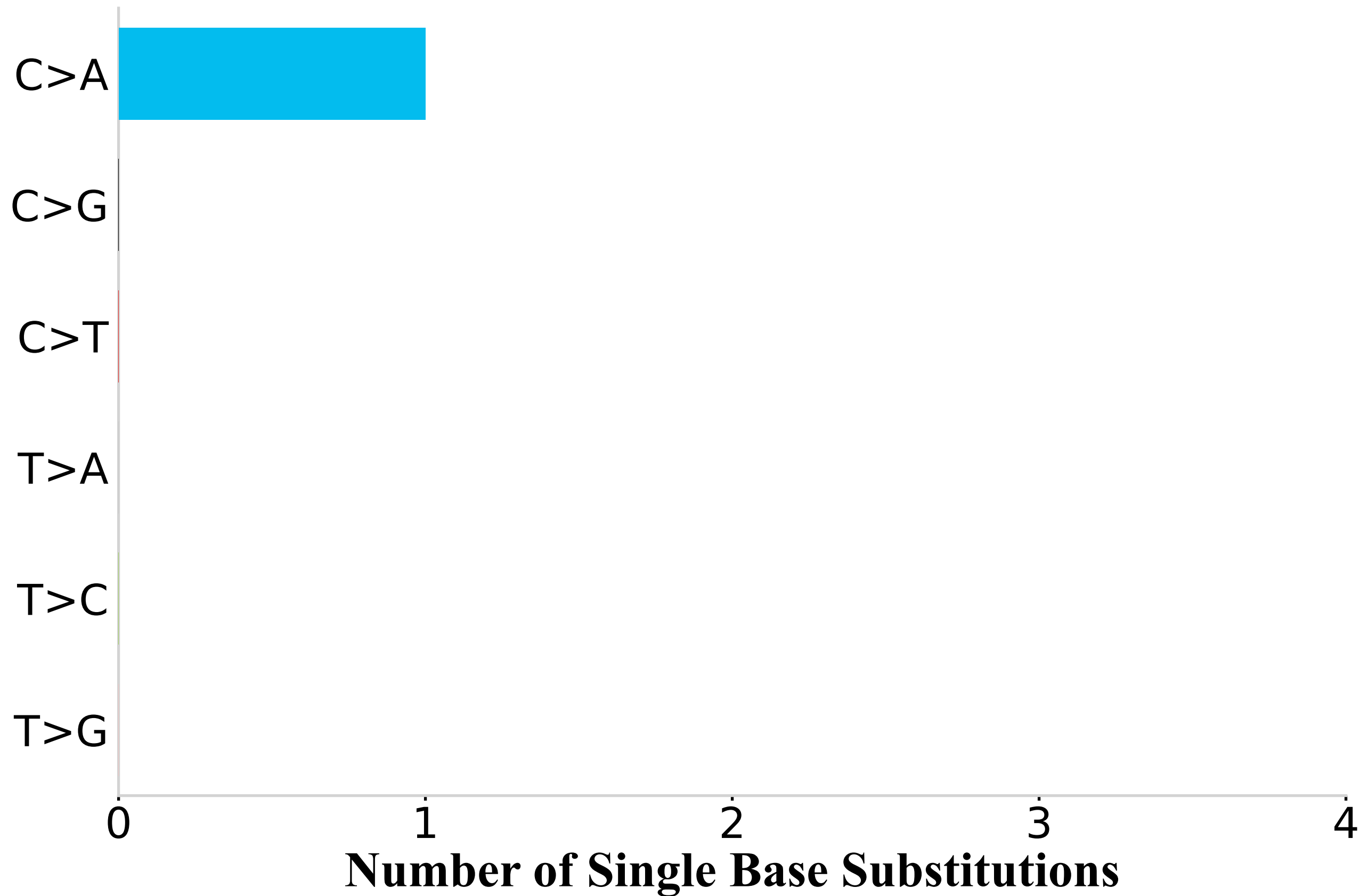
**P-0009900-T01-IM5: 1 subs**



**P-0010042-T01-IM5: 4 subs**

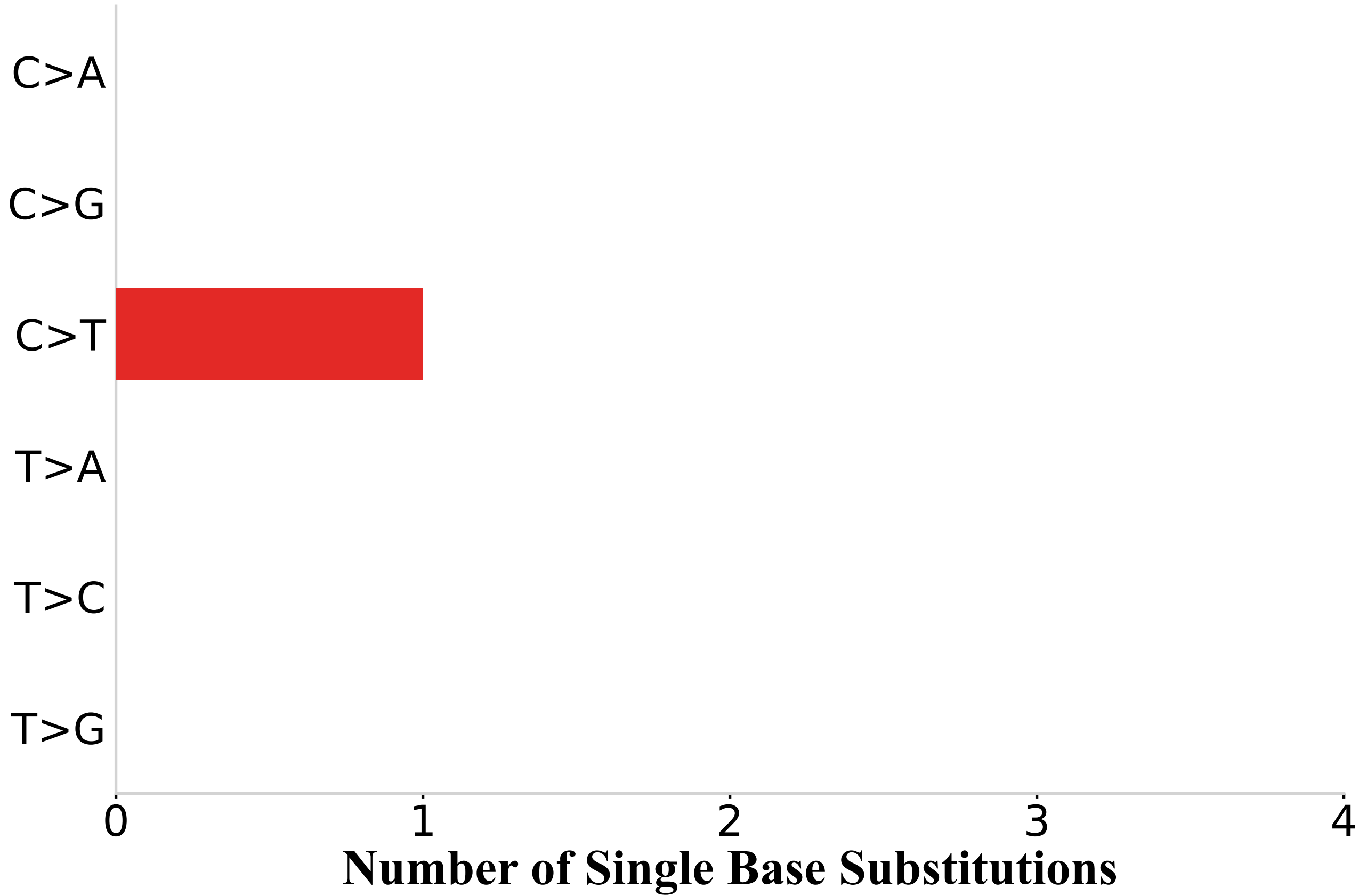


**P-0010198-T01-IM5: 1 subs**

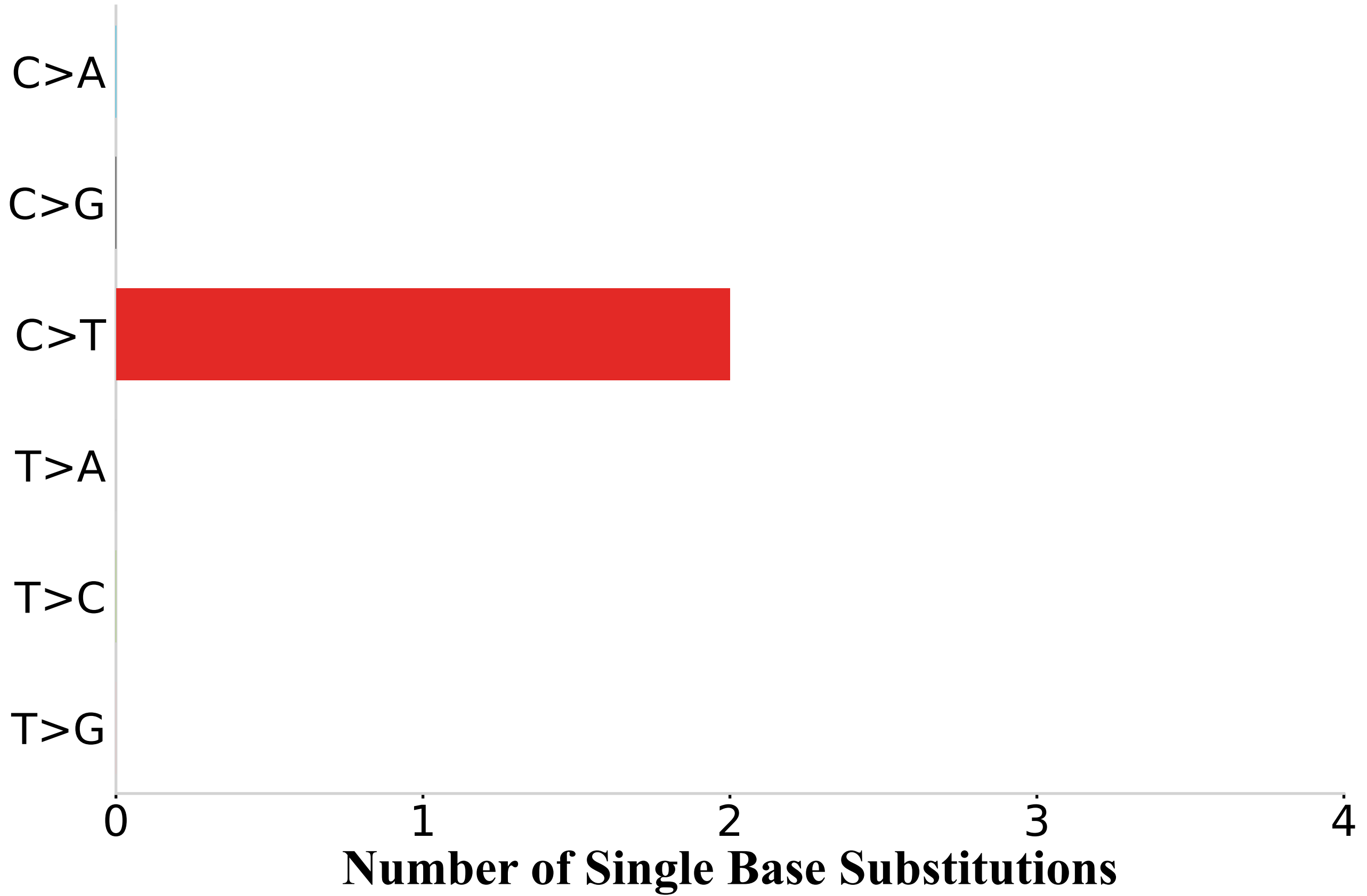




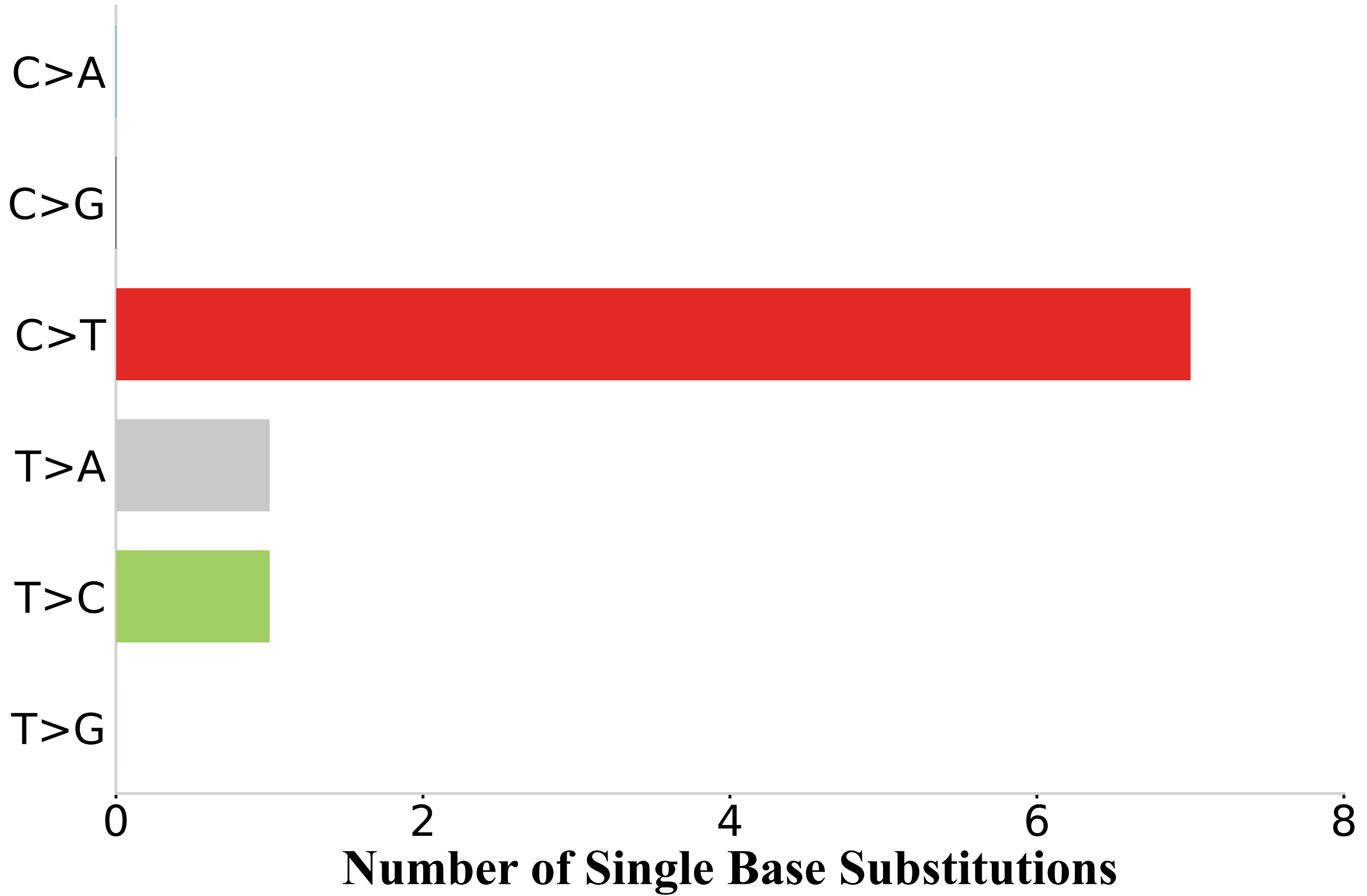
**P-0010702-T01-IM5: 1 subs**



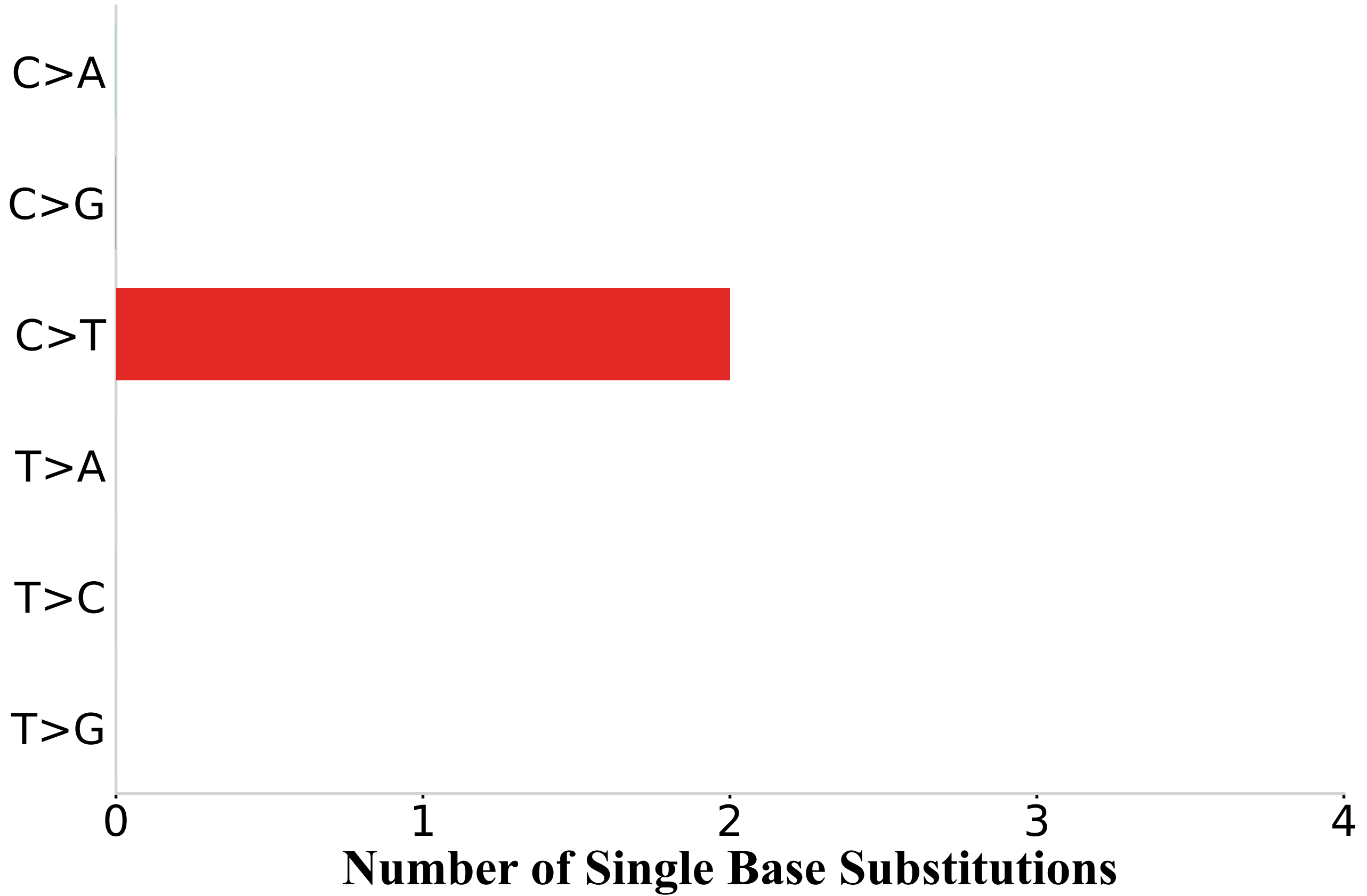
**P-0011073-T01-IM5: 2 subs**



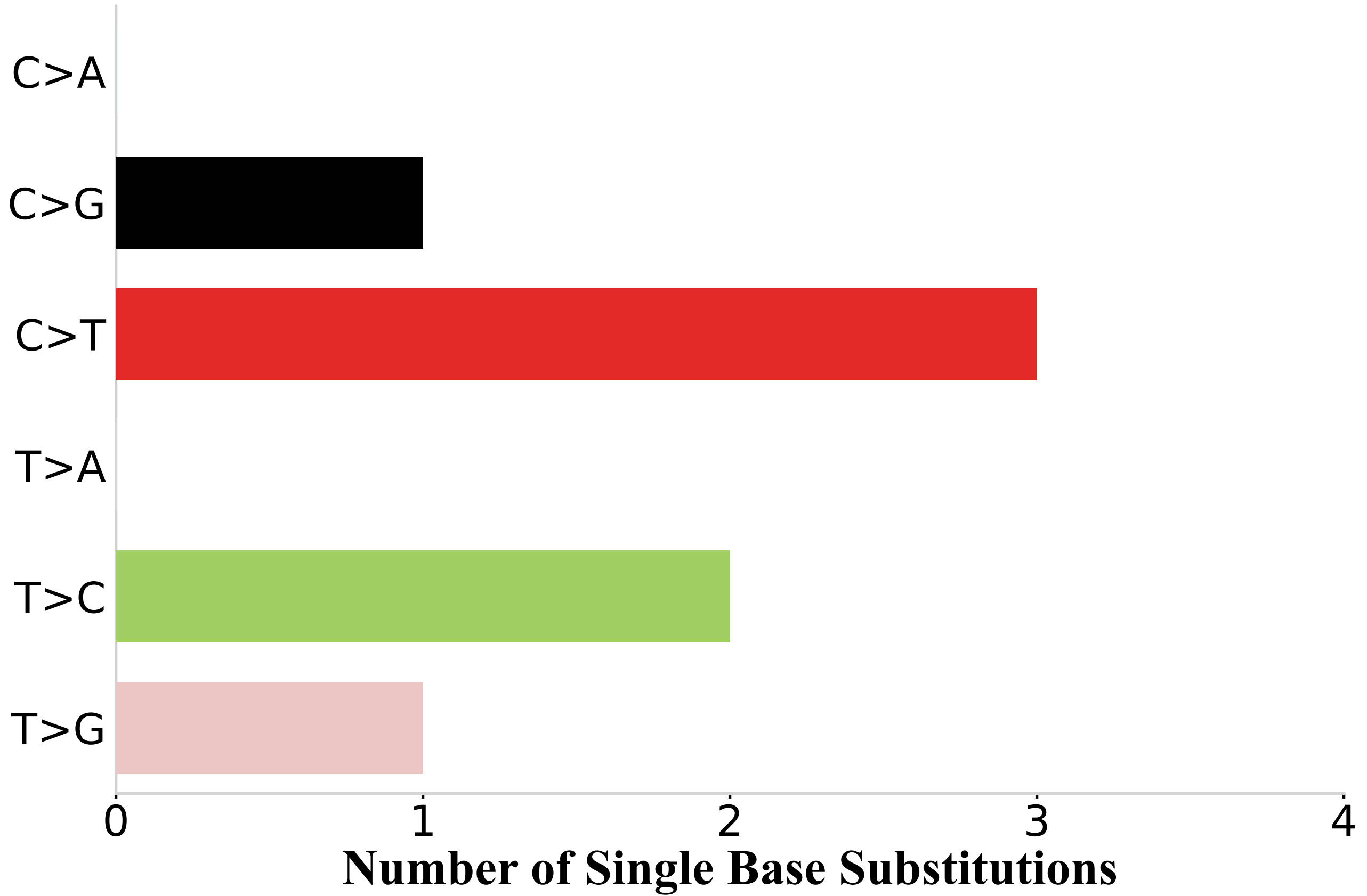
**P-0011083-T01-IM5: 9 subs**



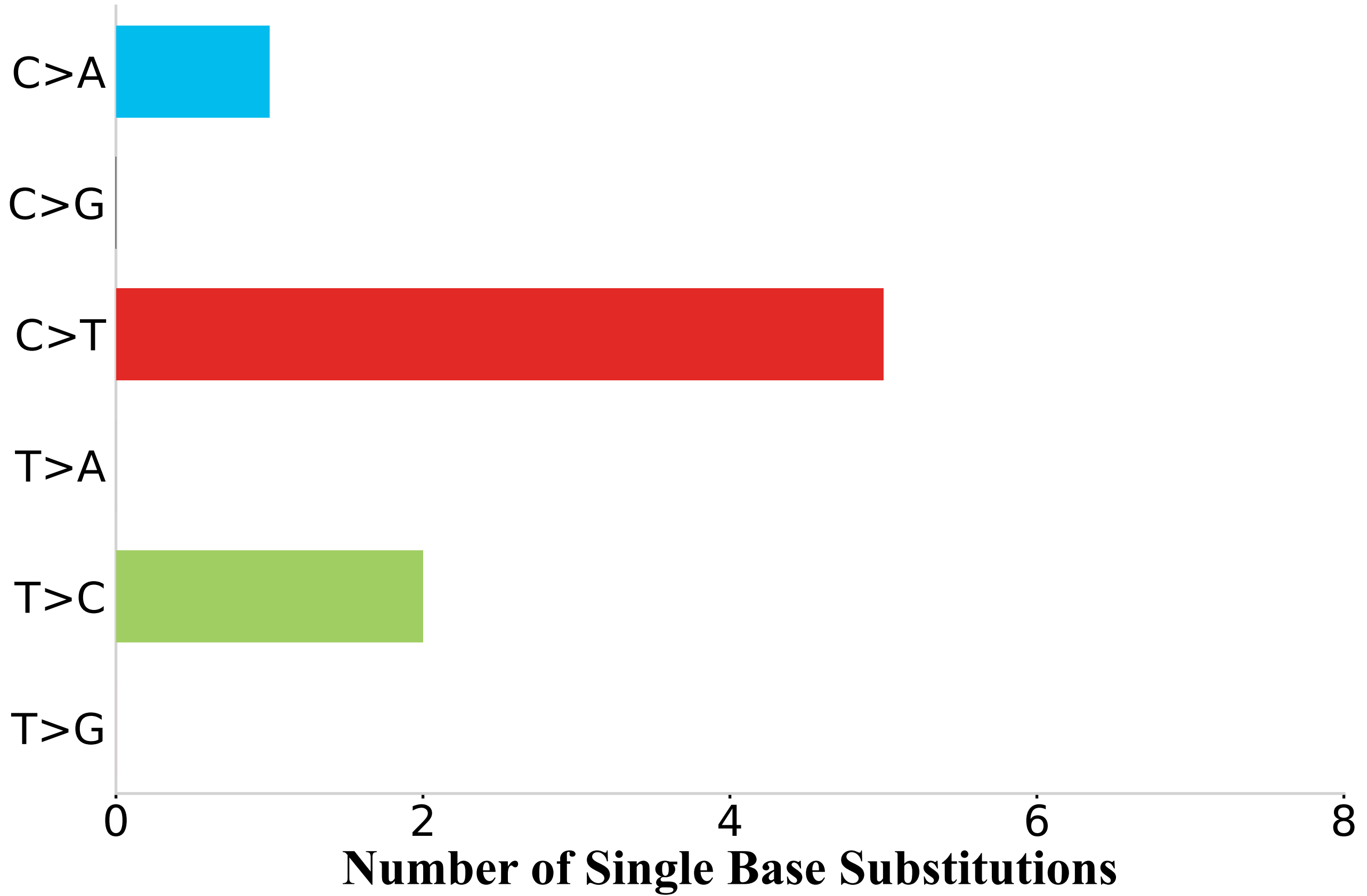
**P-0011212-T01-IM5: 2 subs**



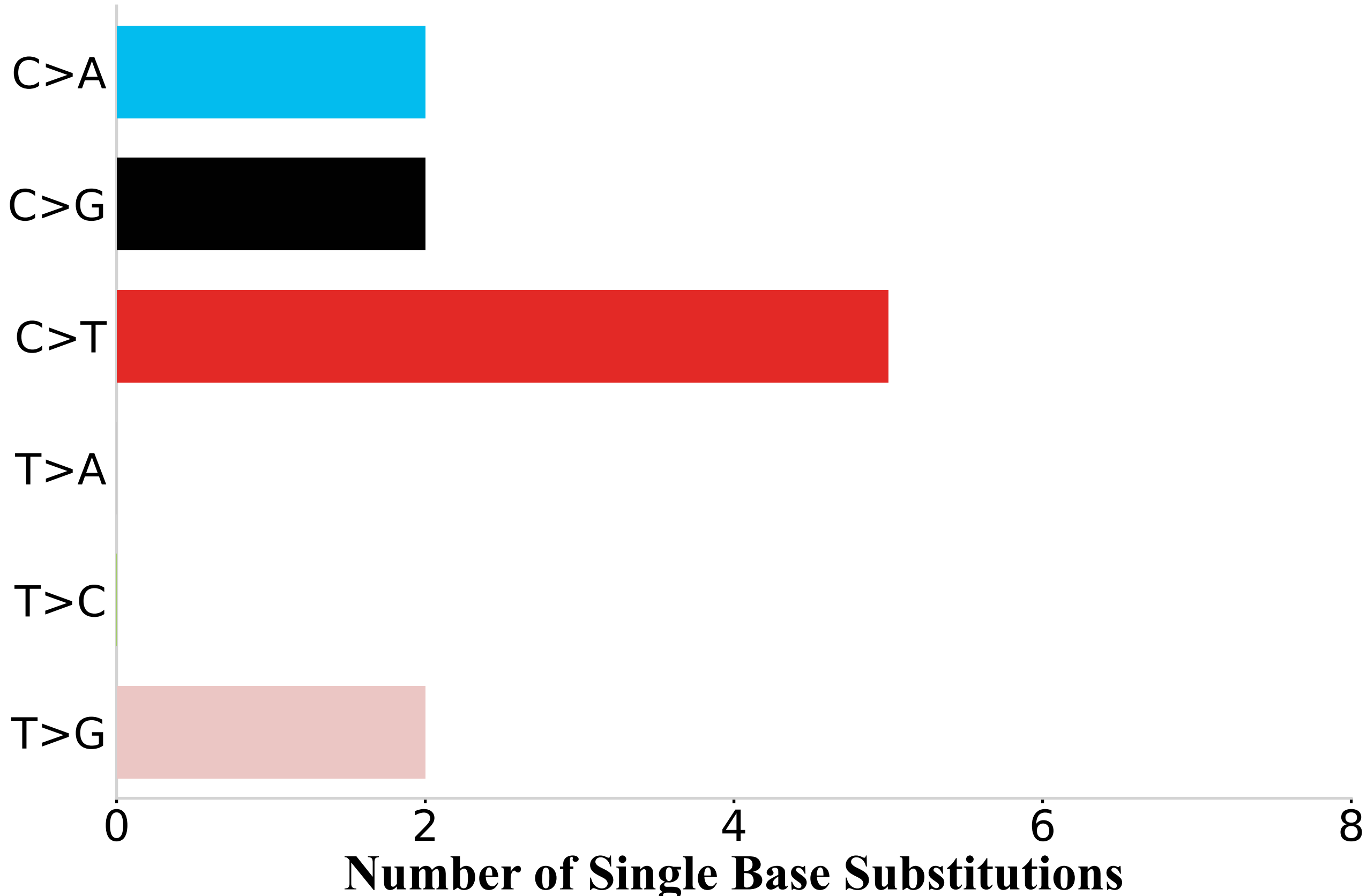
**P-0011271-T01-IM5: 7 subs**



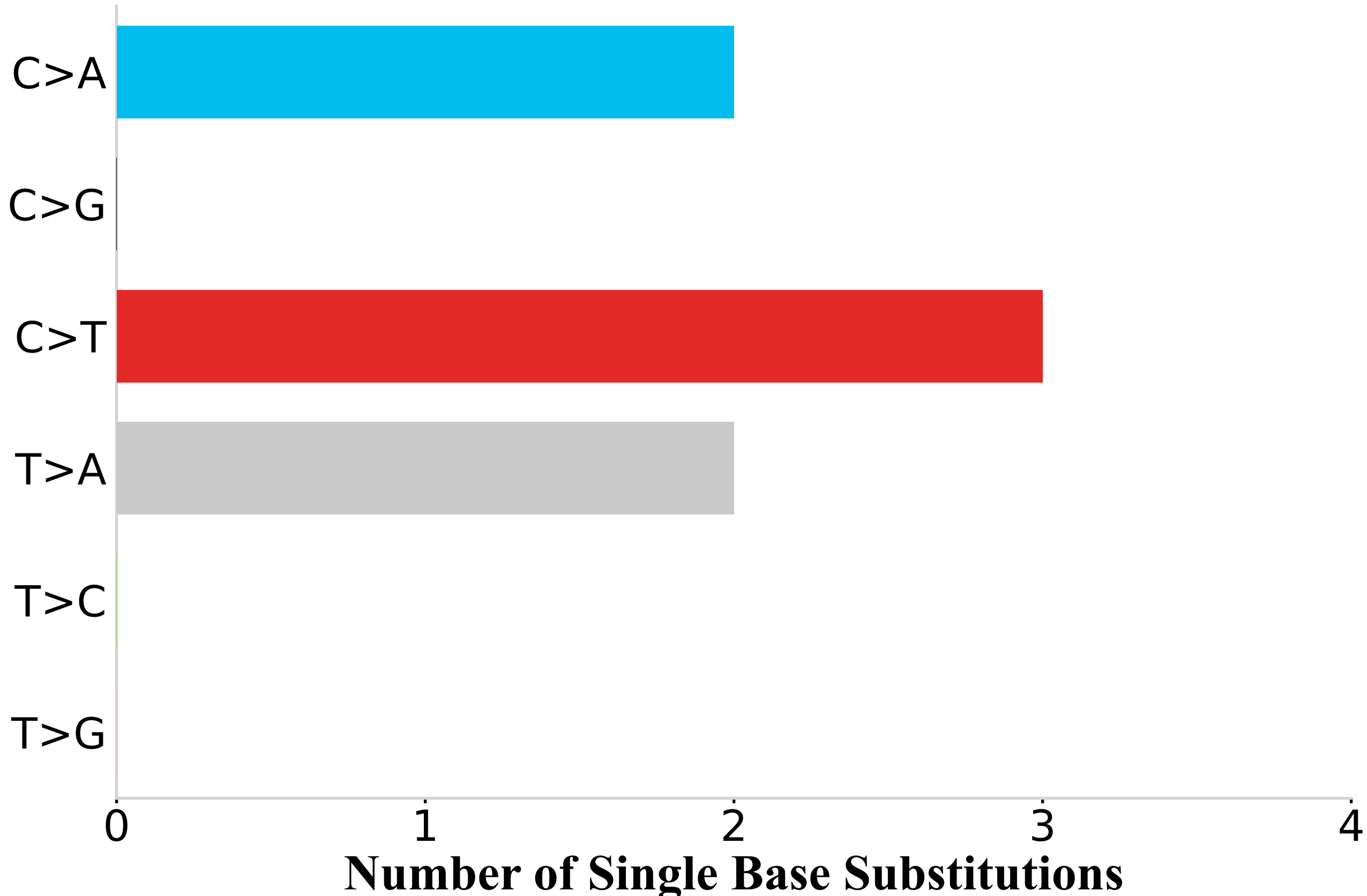
**P-0011350-T01-IM5: 8 subs**



**P-0011482-T01-IM5: 11 subs**

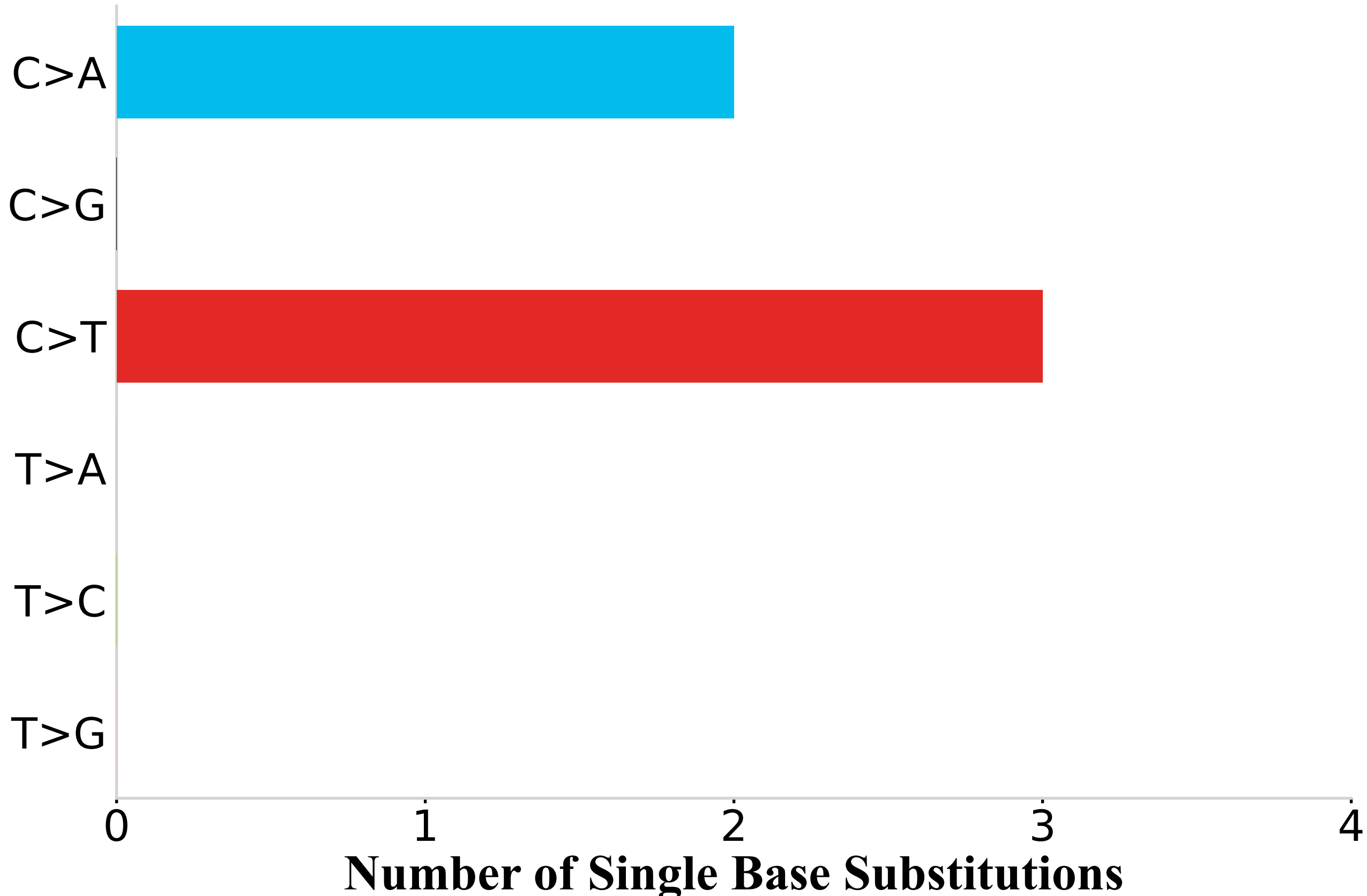


**P-0012054-T01-IM5: 7 subs**

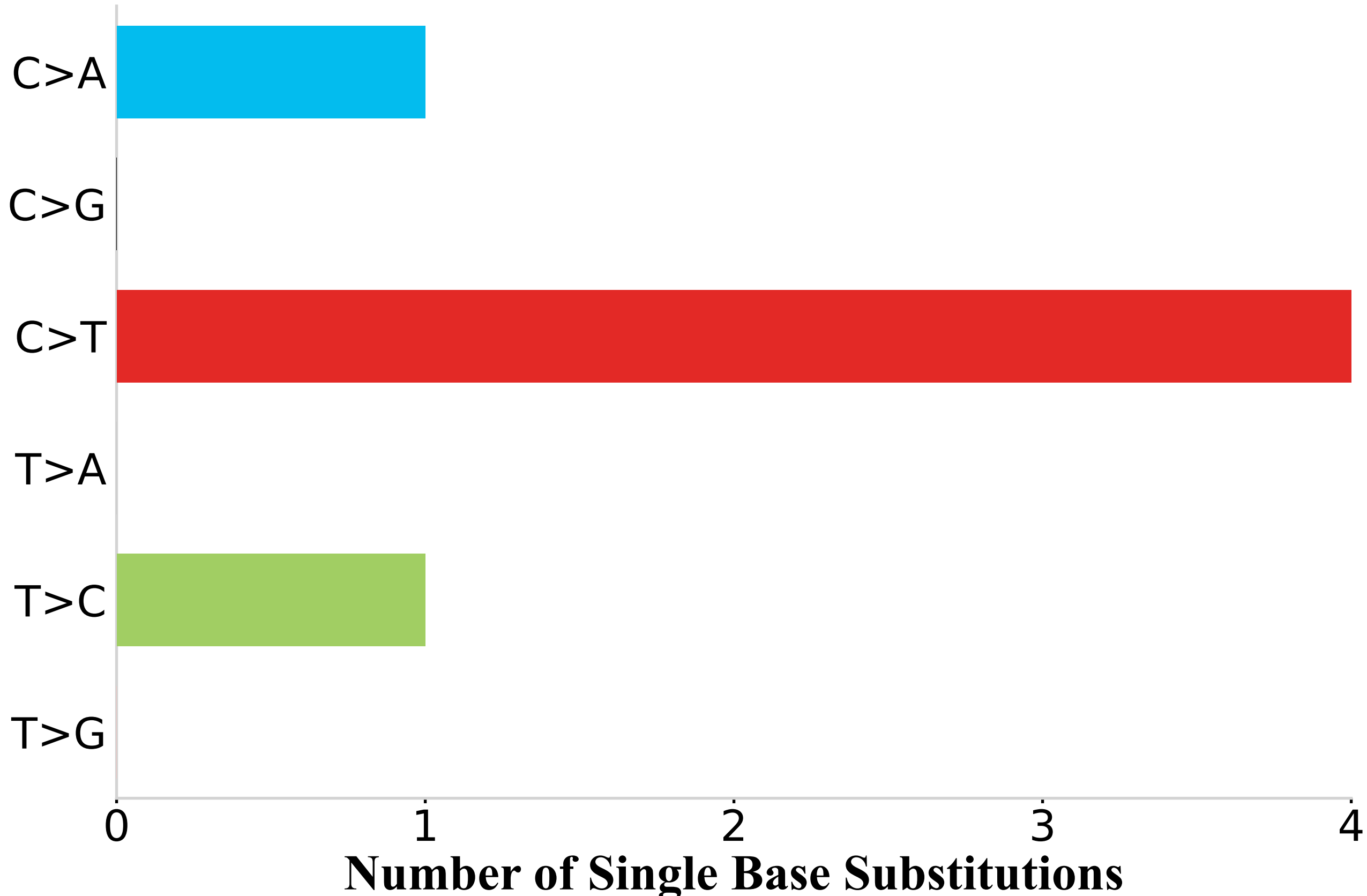




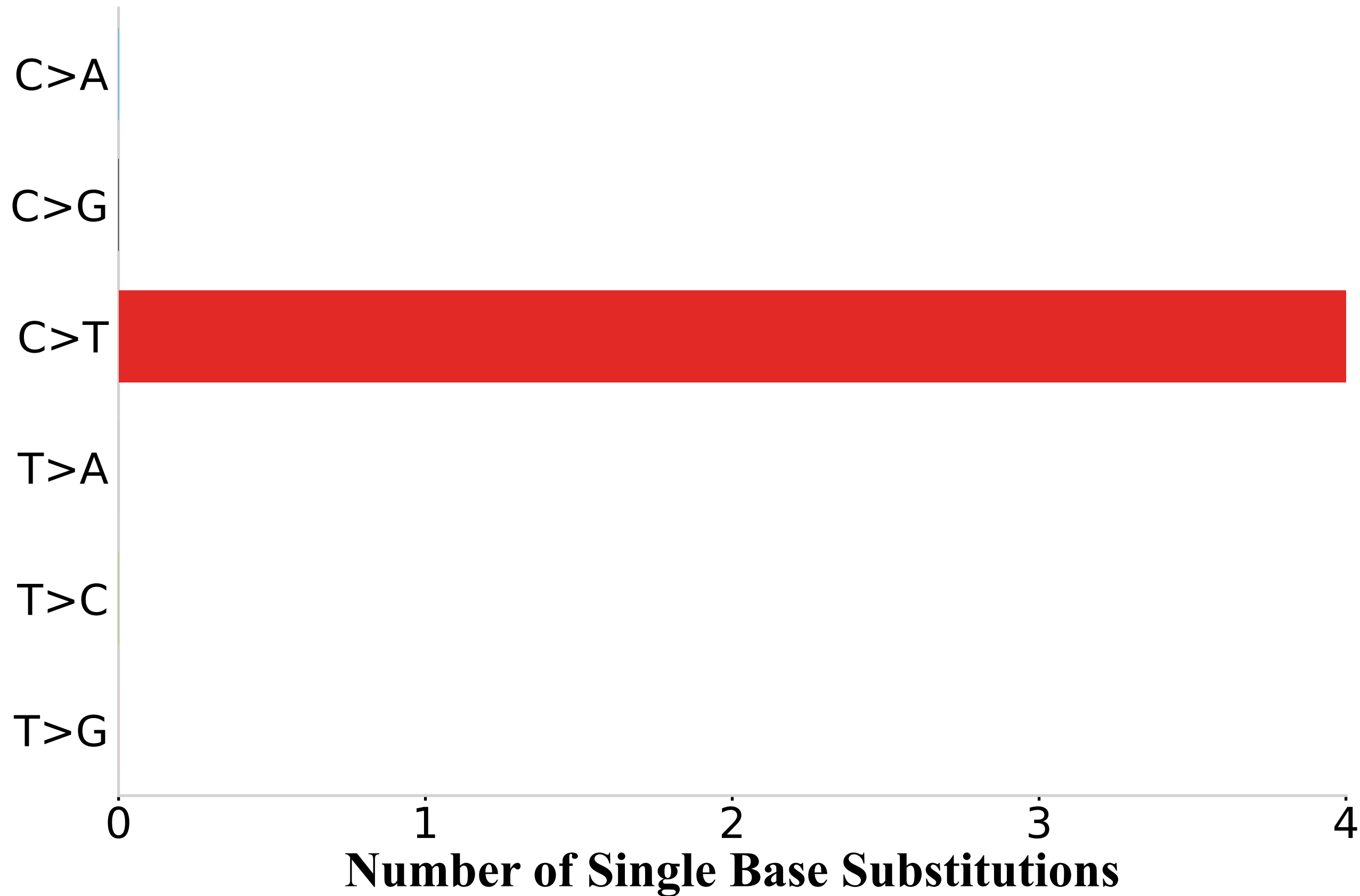
**P-0012187-T01-IM5: 5 subs**



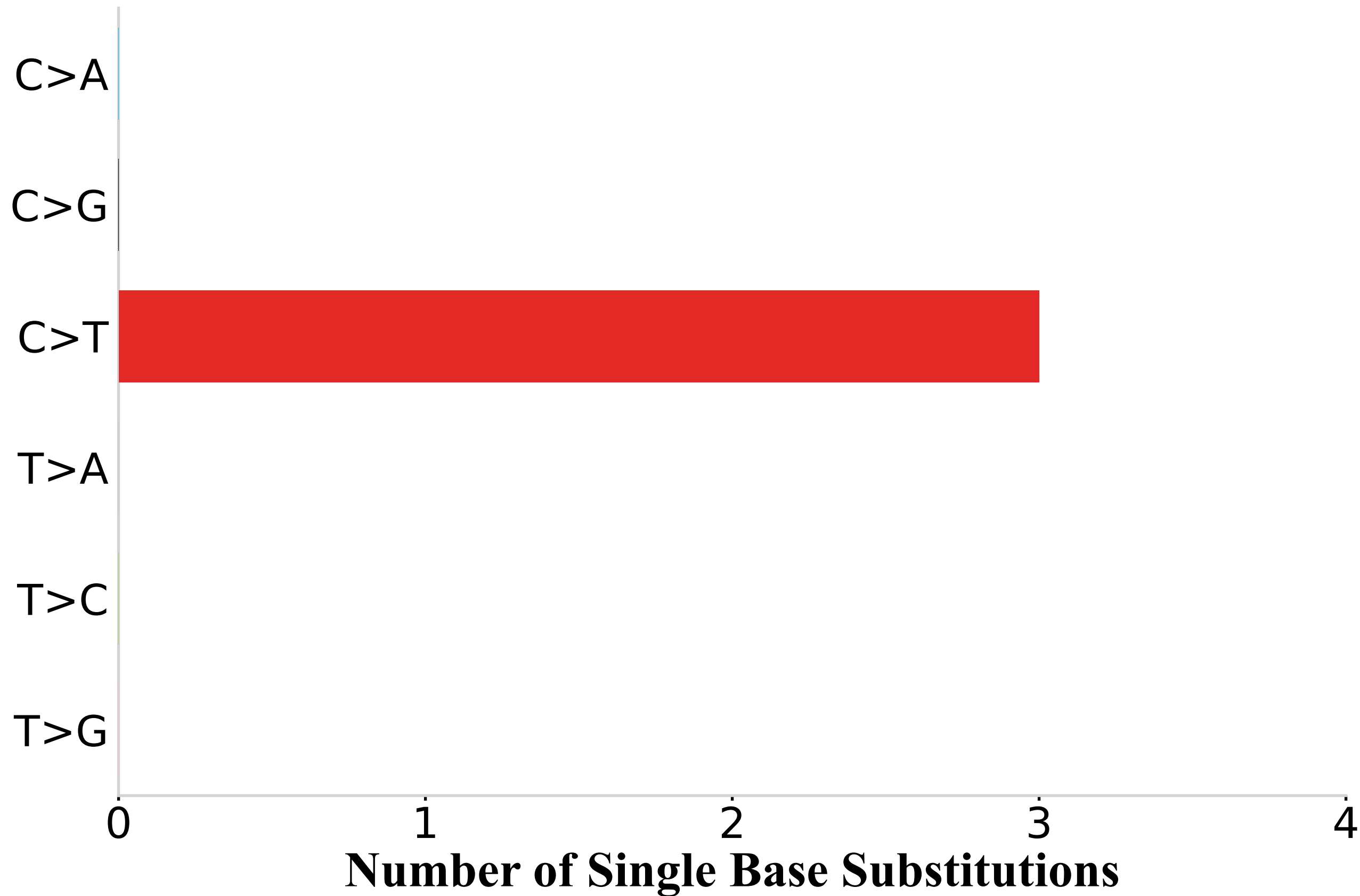
**P-0012269-T01-IM5: 6 subs**



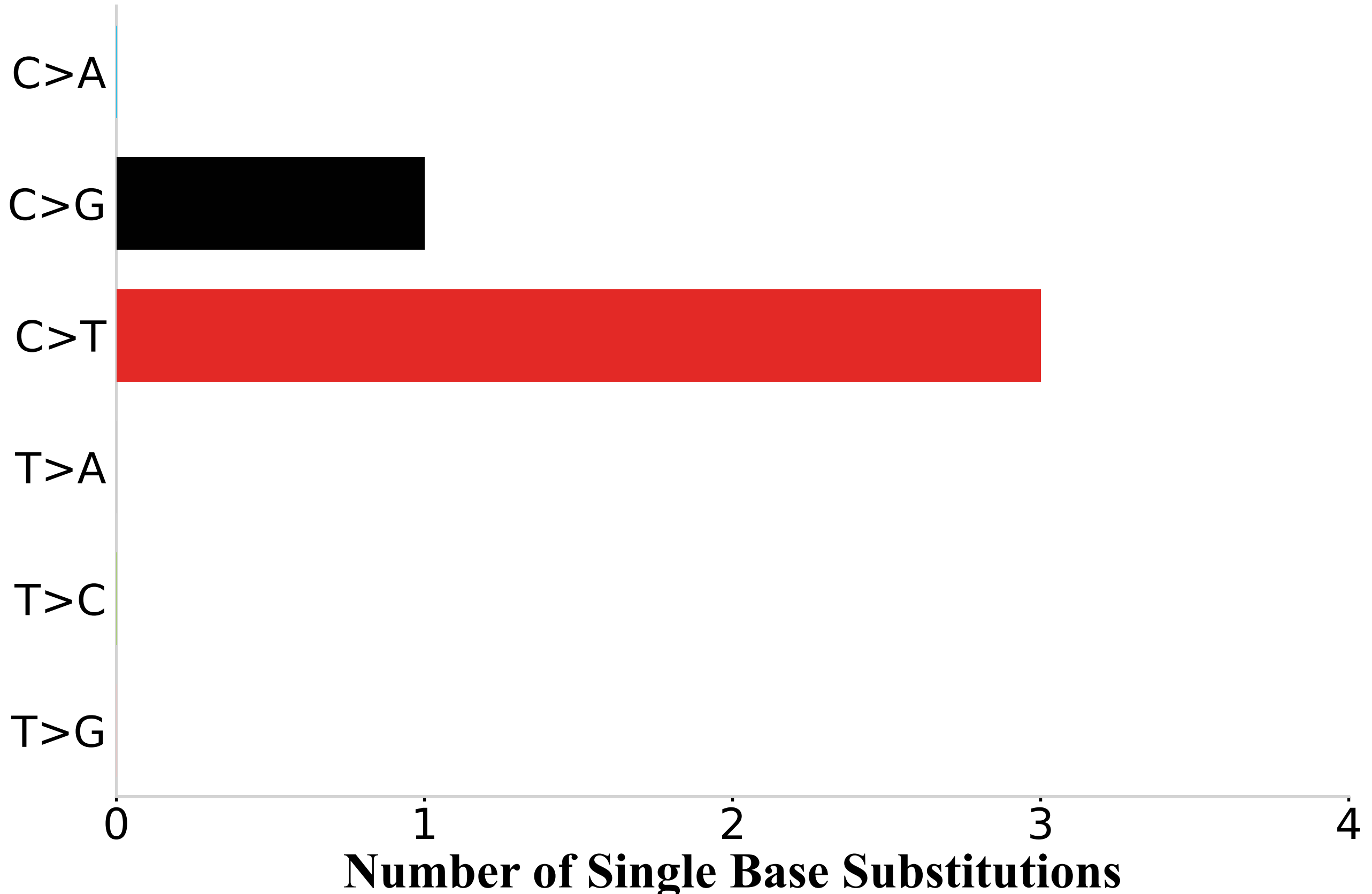
**P-0012435-T01-IM5: 4 subs**



**P-0012812-T01-IM5: 3 subs**



**P-0012868-T01-IM5: 4 subs**



**P-0012896-T01-IM5: 3 subs**

C>A

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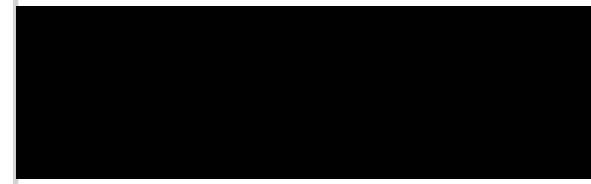
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**Number of Single Base Substitutions**



**P-0013832-T01-IM5: 1 subs**



**P-0013952-T01-IM5: 2 subs**

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C>G

C>T

T>A

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T>G

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**Number of Single Base Substitutions**

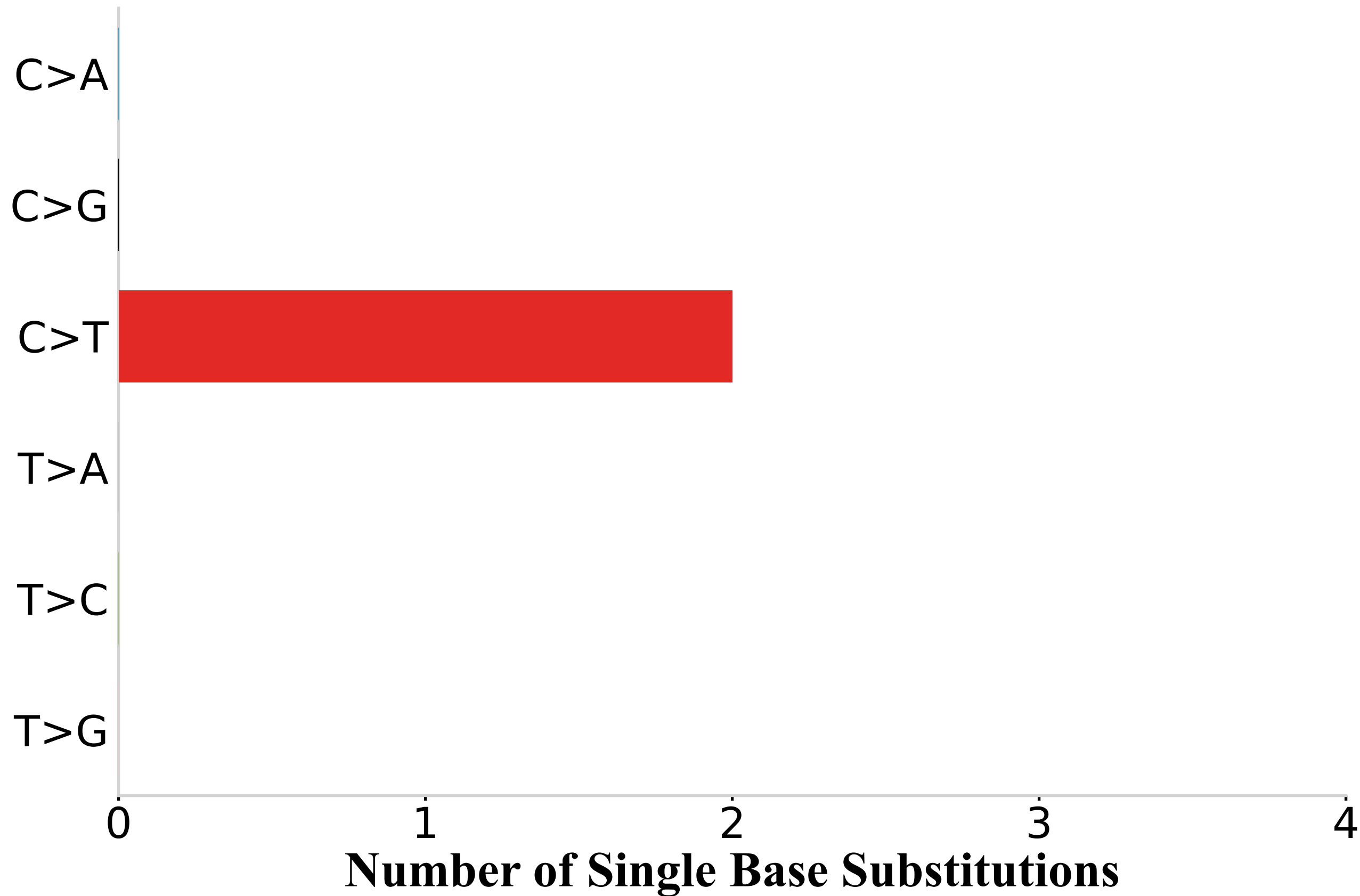




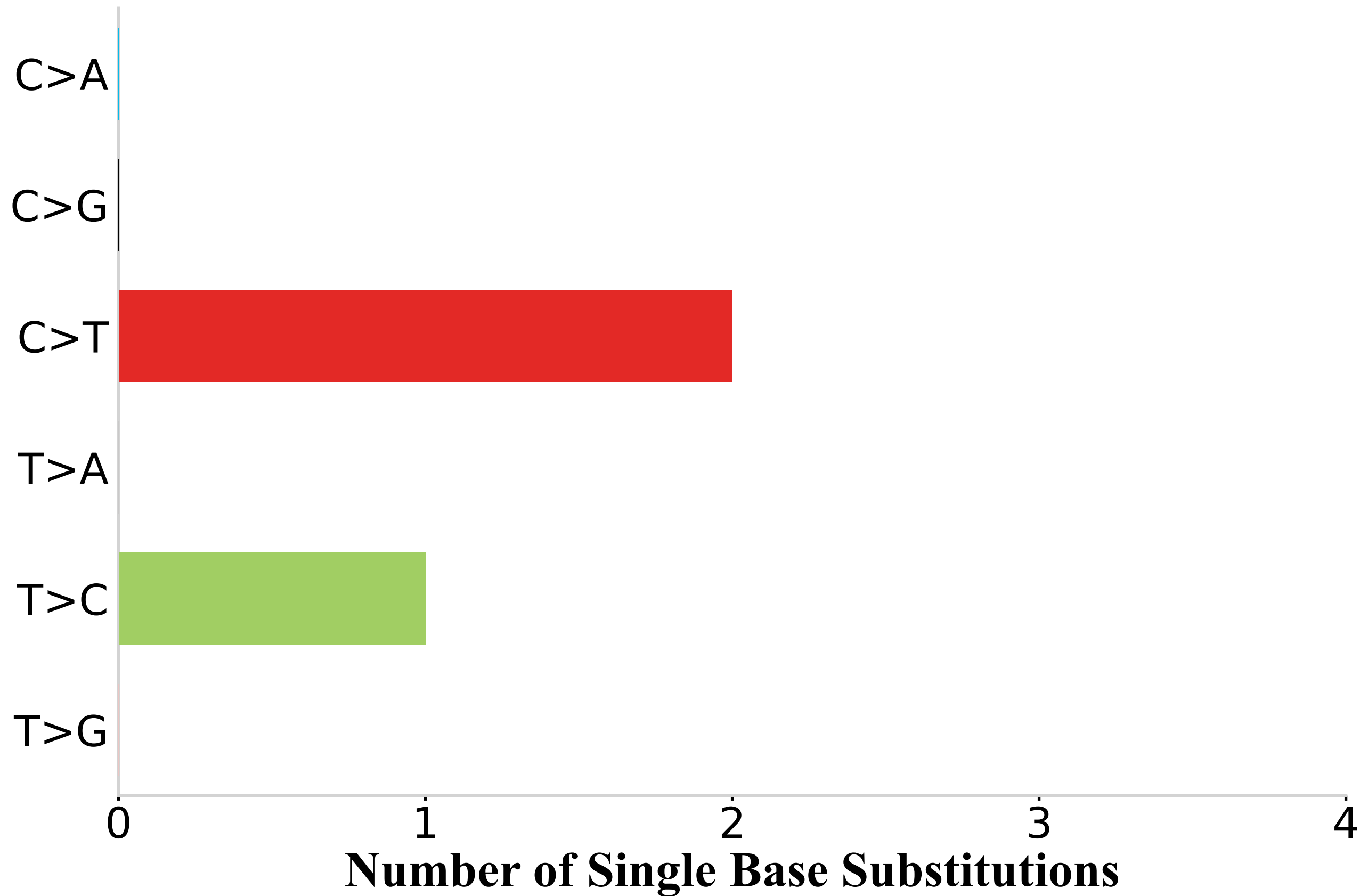
**P-0014016-T01-IM5: 2 subs**



**P-0014203-T01-IM6: 2 subs**



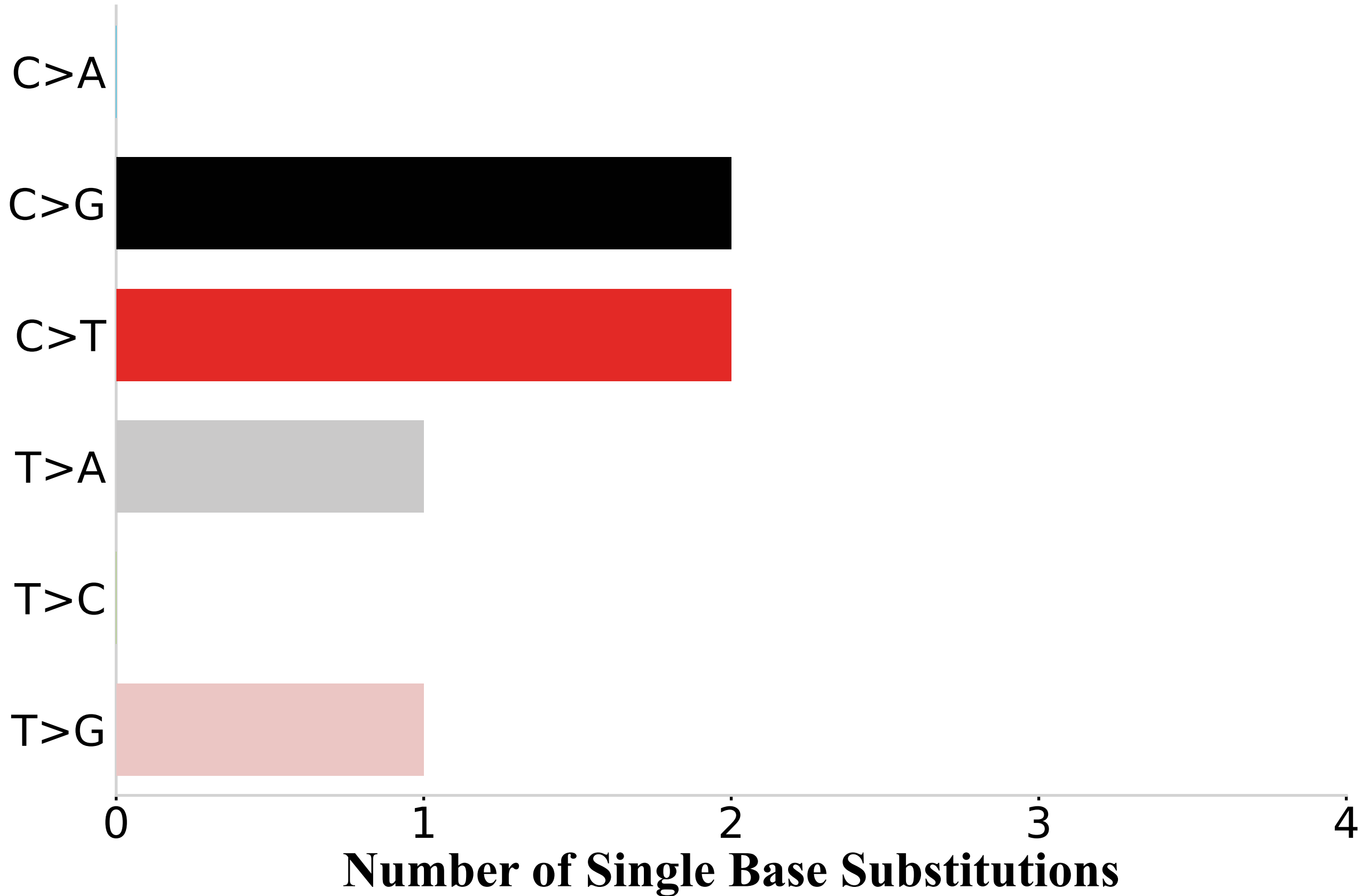
**P-0014337-T01-IM6: 3 subs**



**P-0014673-T01-IM6: 1 subs**



**P-0014674-T01-IM6: 6 subs**



**P-0015019-T01-IM6: 3 subs**

C>A

C>G

C>T

T>A

T>C

T>G

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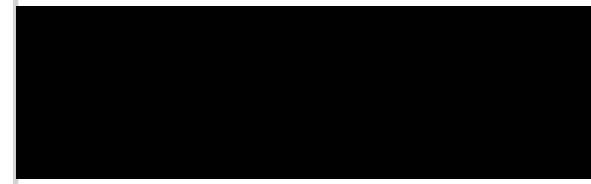
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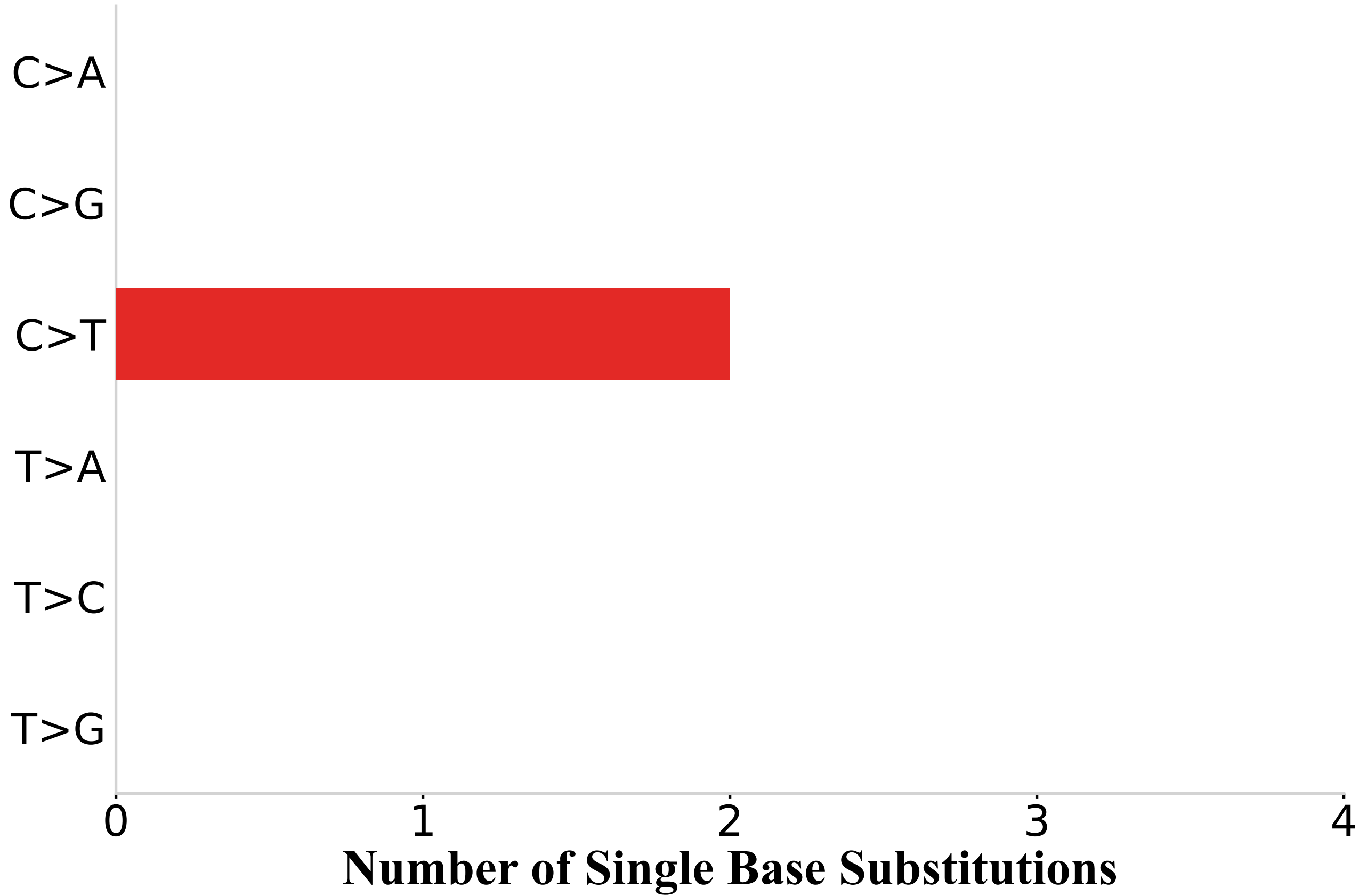
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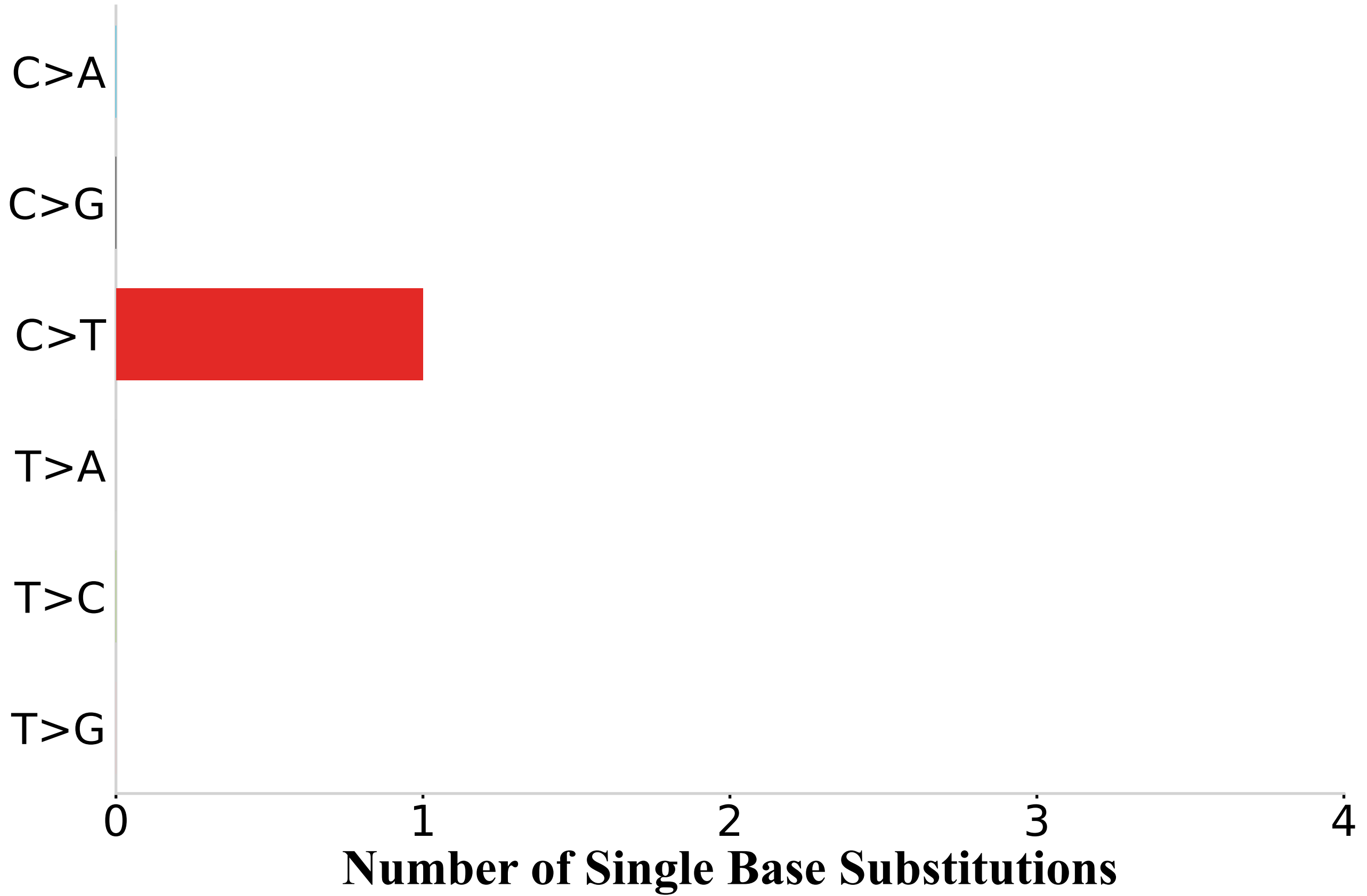
**Number of Single Base Substitutions**



**P-0016118-T01-IM6: 2 subs**



**P-0016369-T01-IM6: 1 subs**

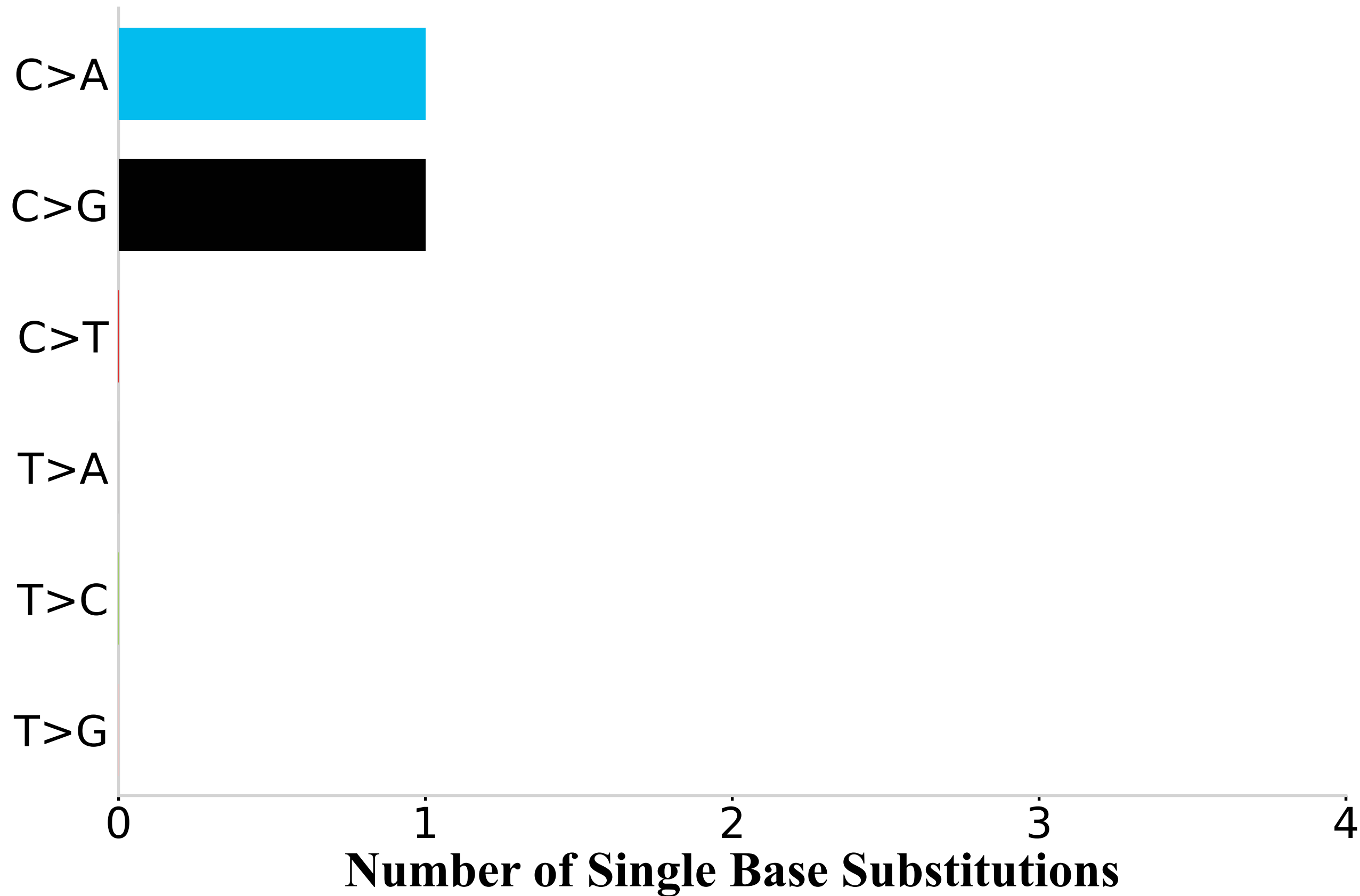




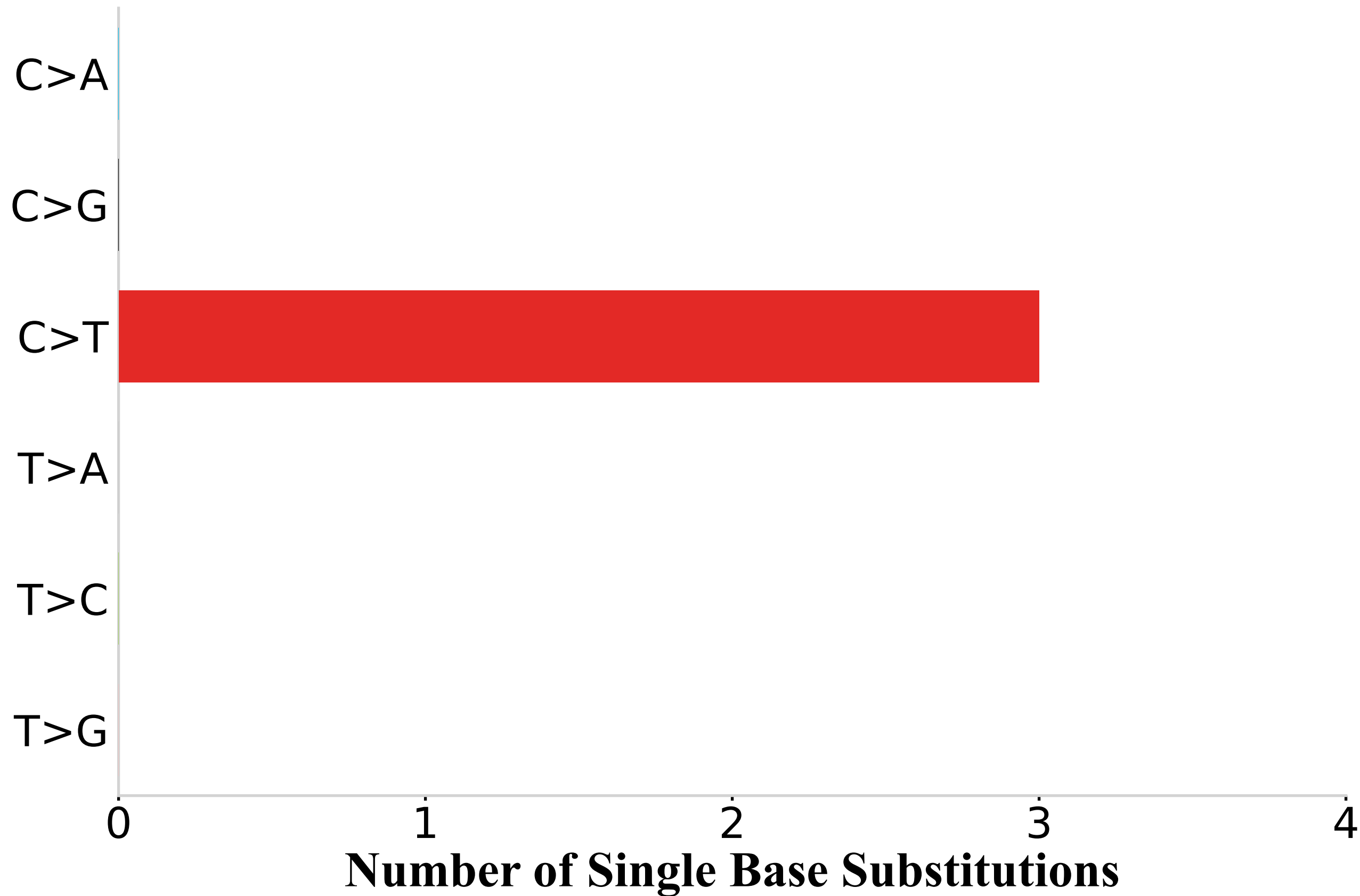
**P-0016389-T01-IM6: 5 subs**



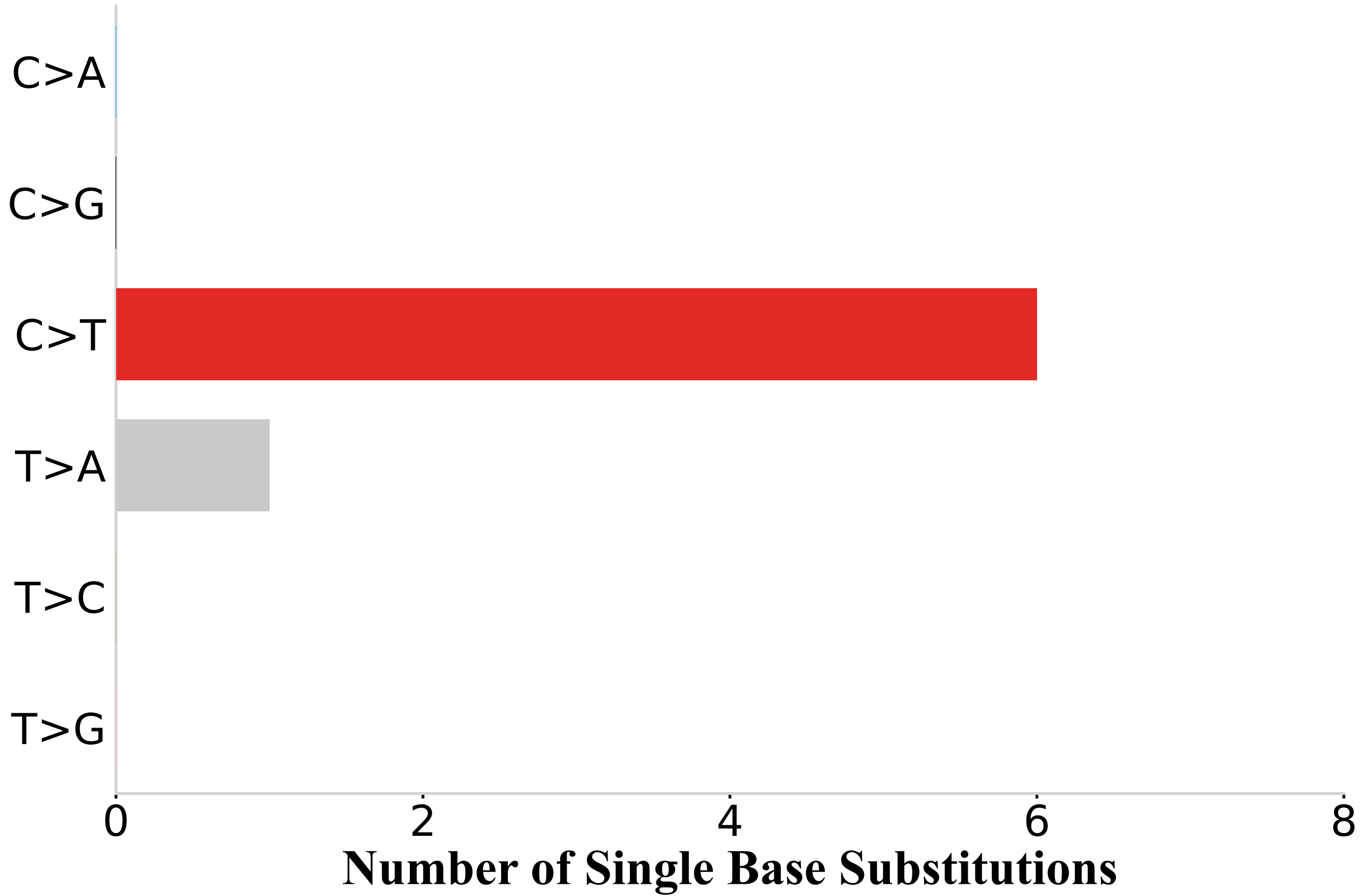
**P-0016482-T01-IM6: 2 subs**



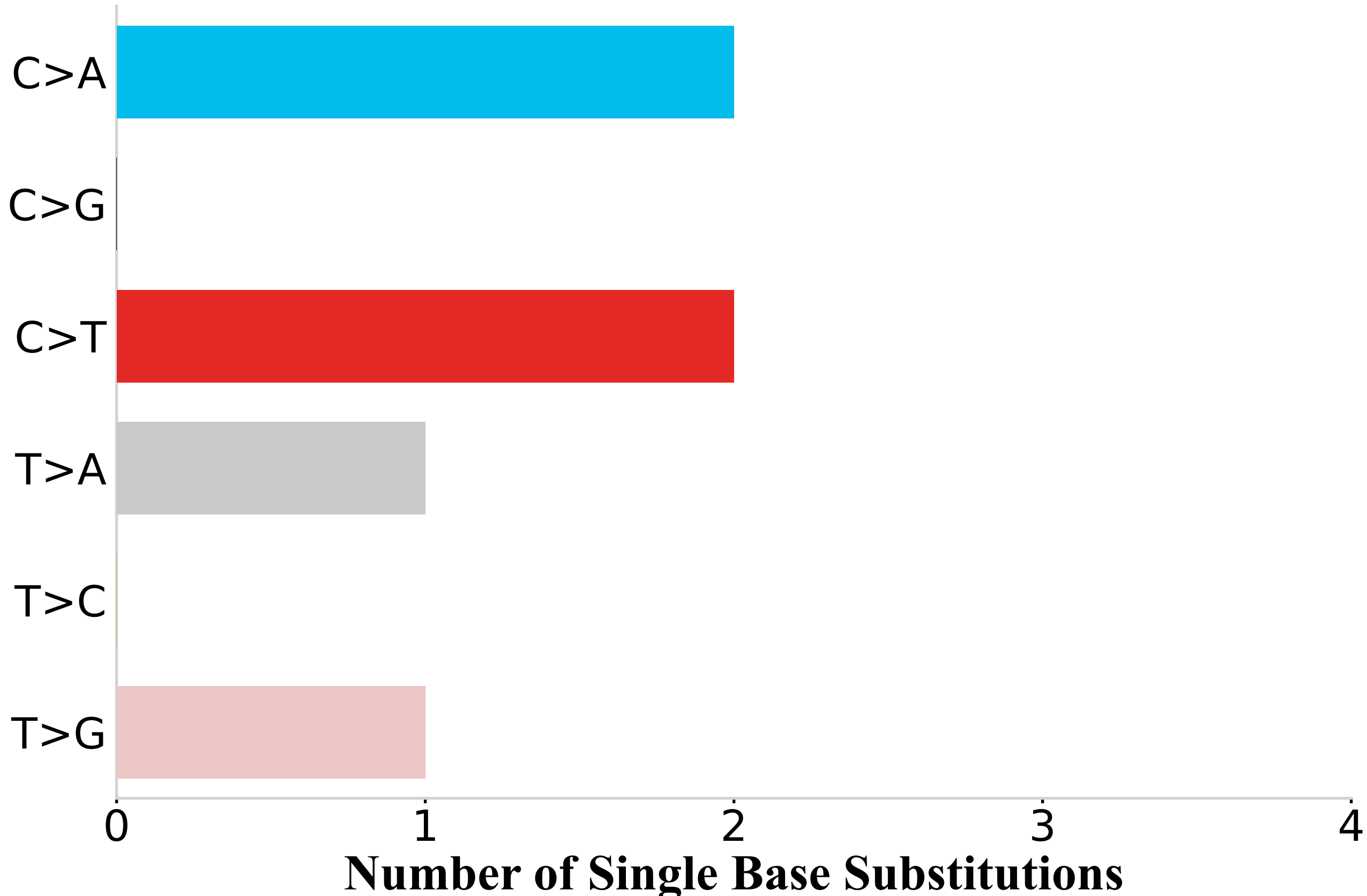
**P-0016486-T01-IM6: 3 subs**



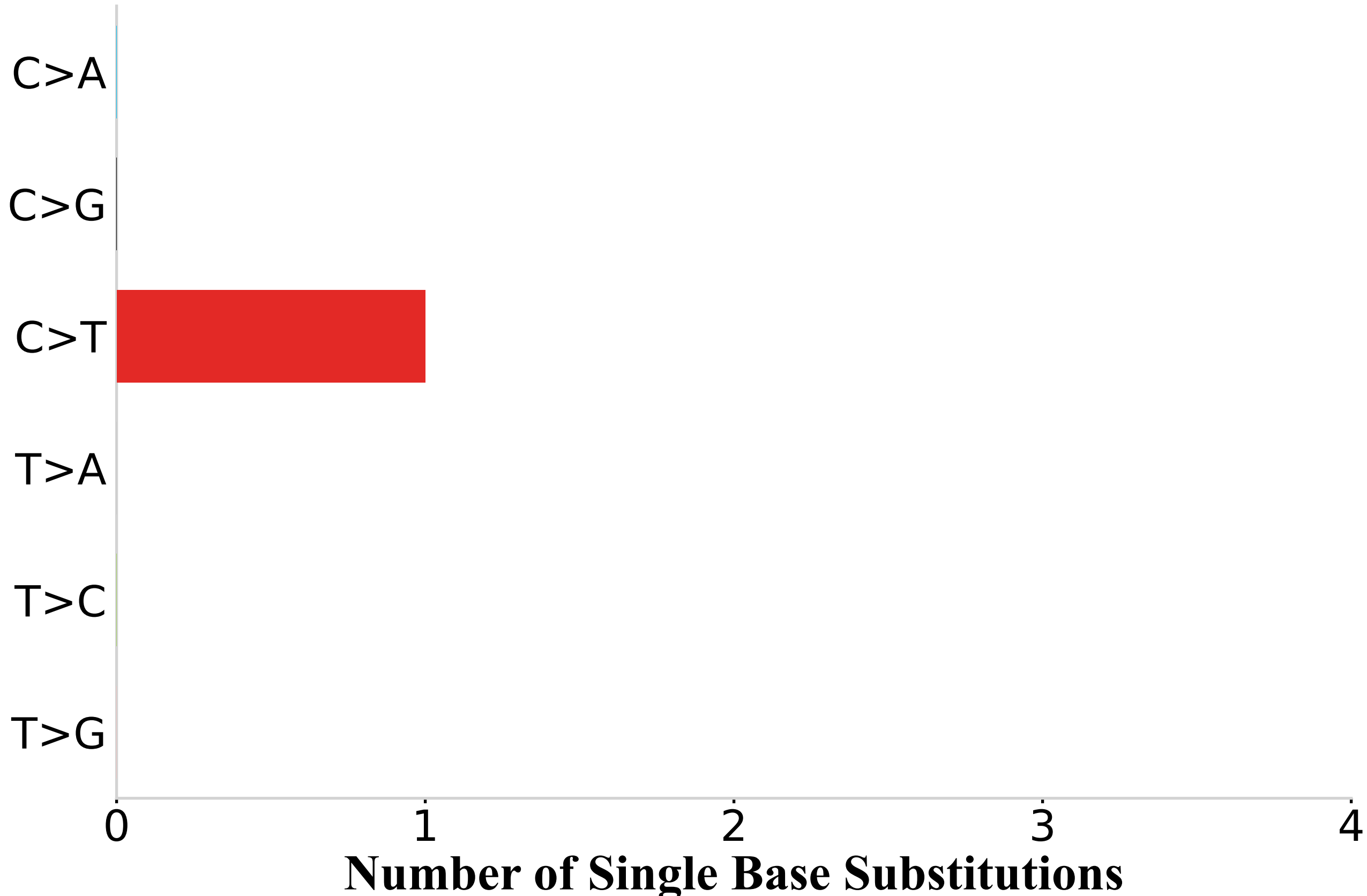
**P-0016693-T01-IM6: 7 subs**



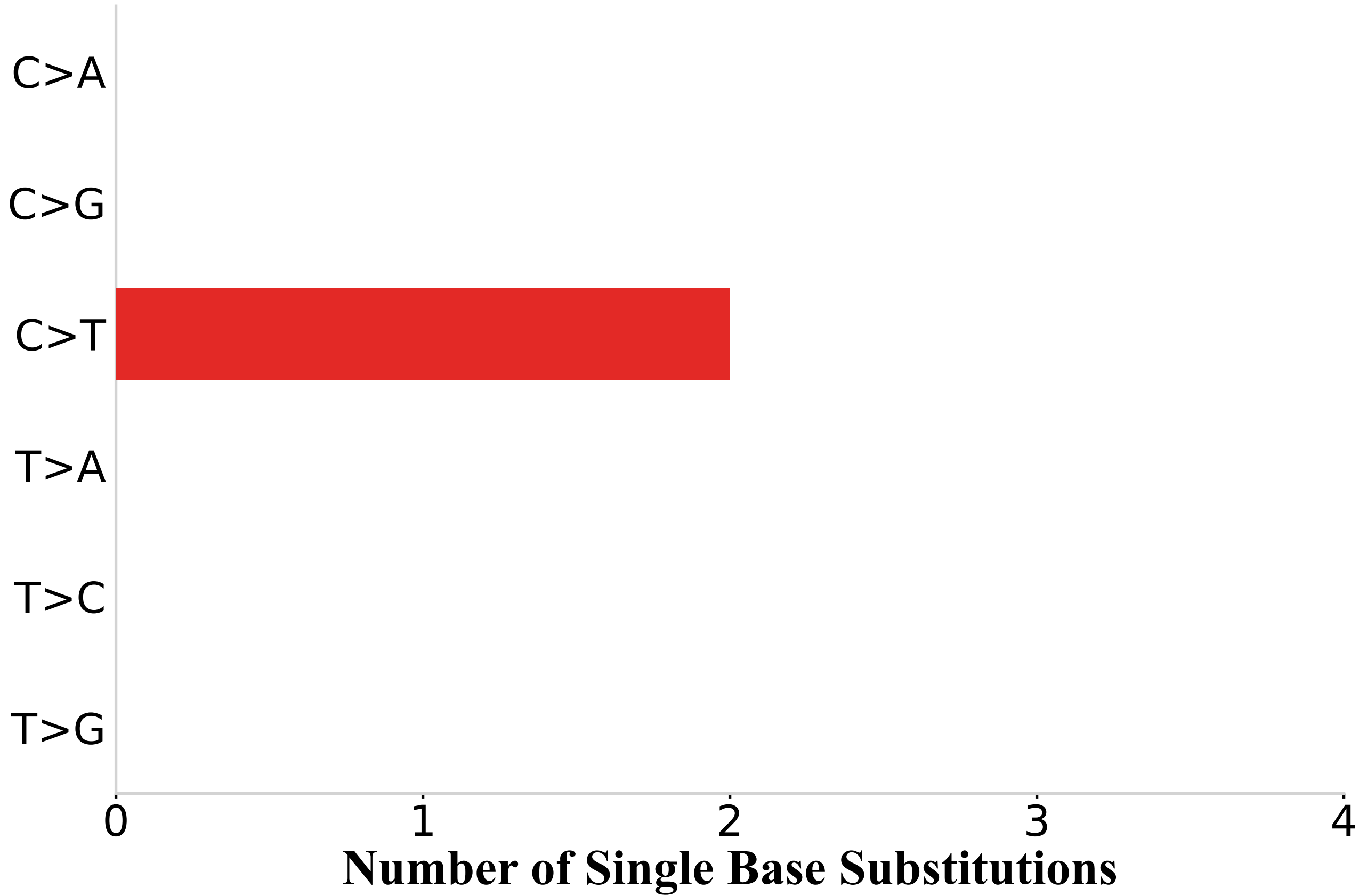
**P-0017351-T01-IM6: 6 subs**



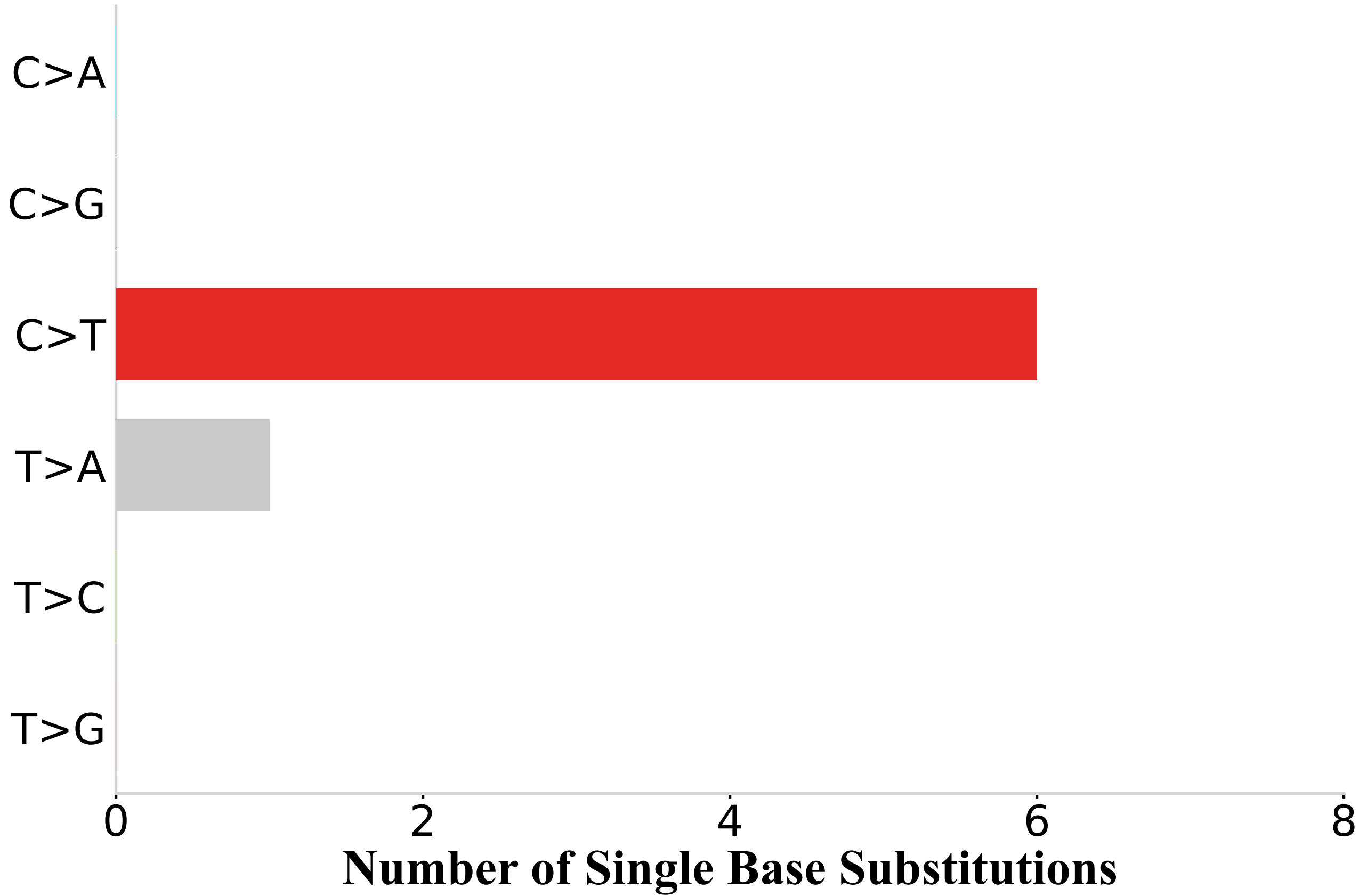
**P-0017741-T01-IM6: 1 subs**



**P-0017912-T01-IM6: 2 subs**

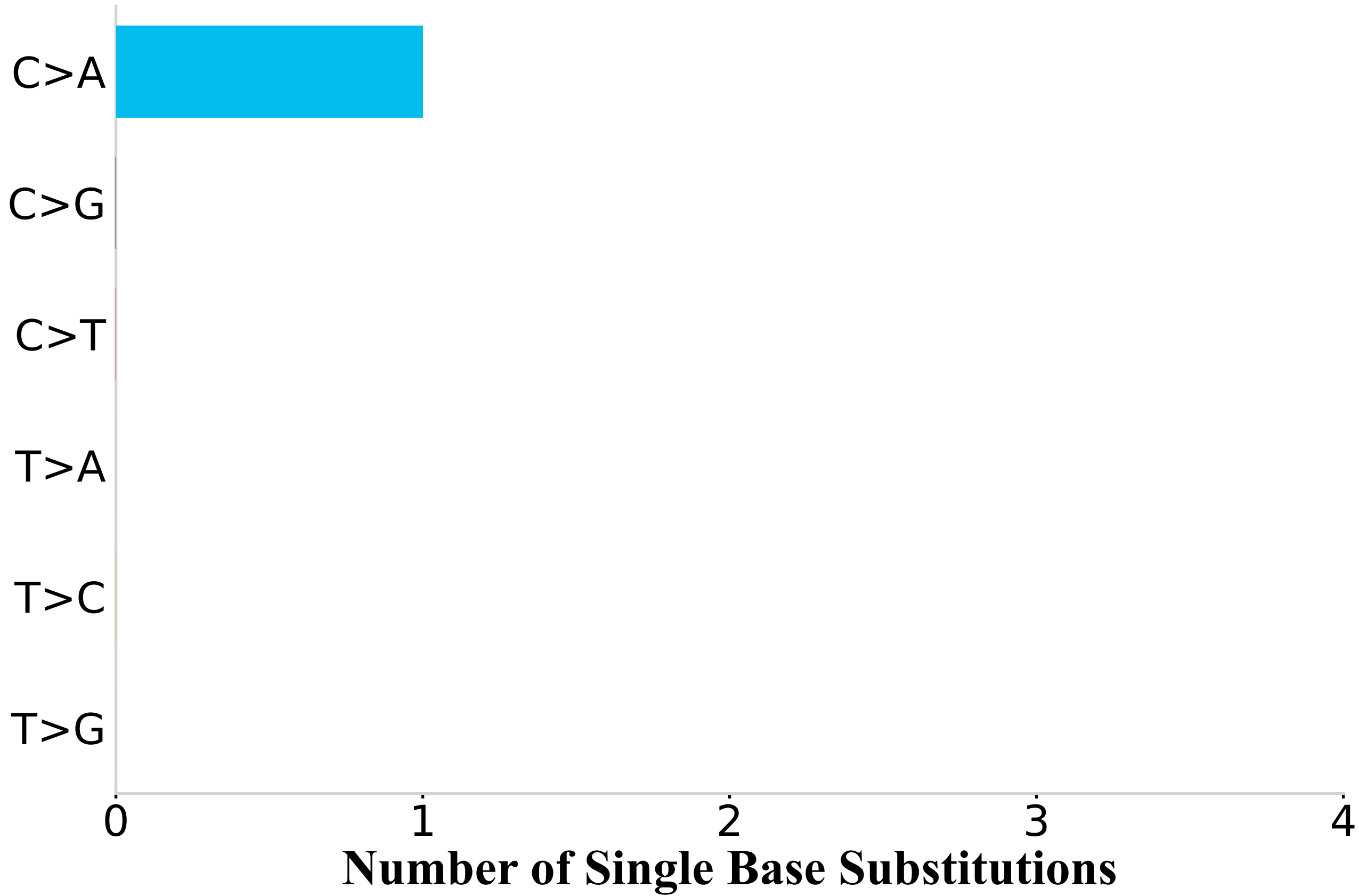


**P-0017993-T01-IM6: 7 subs**

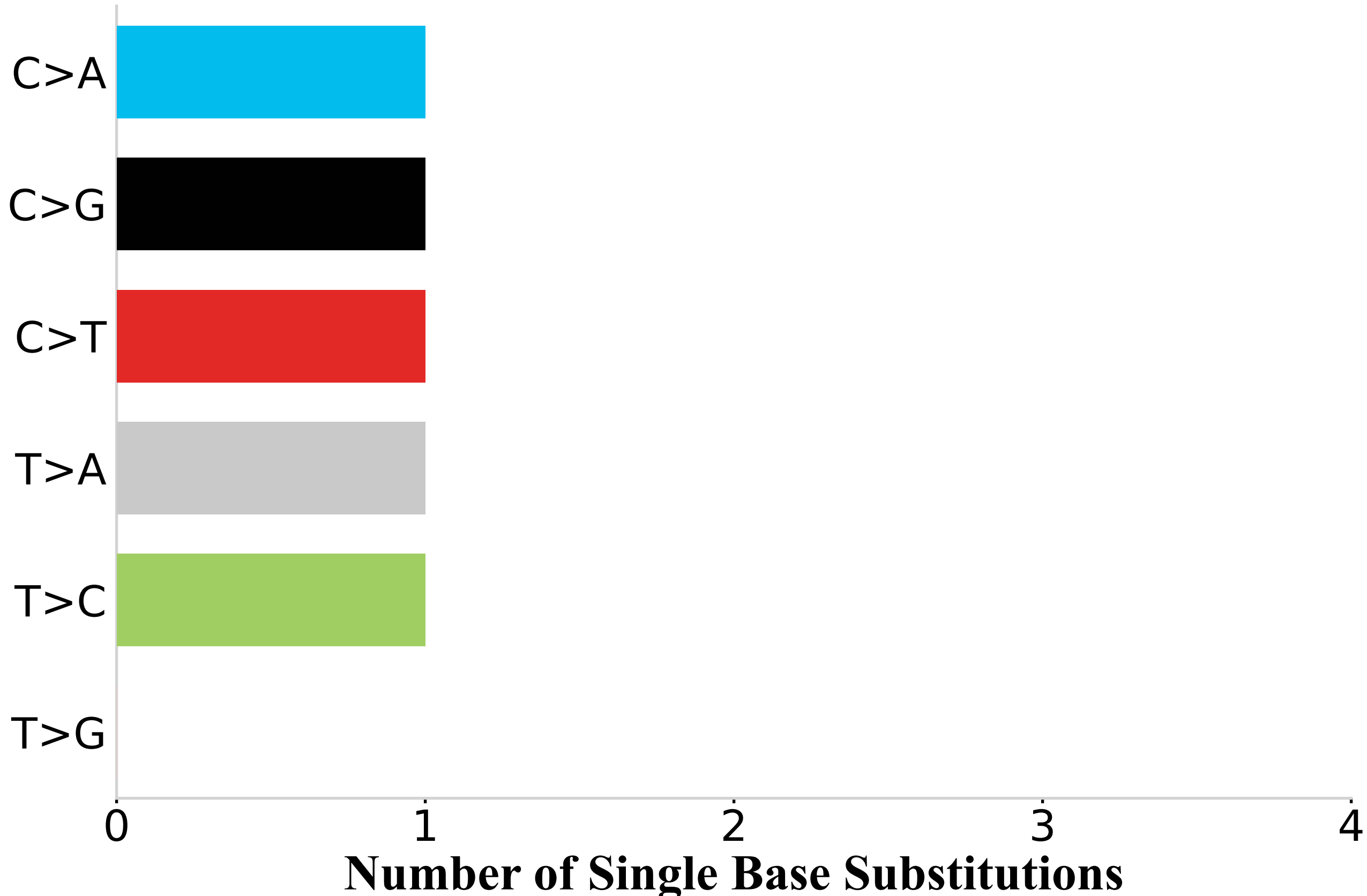




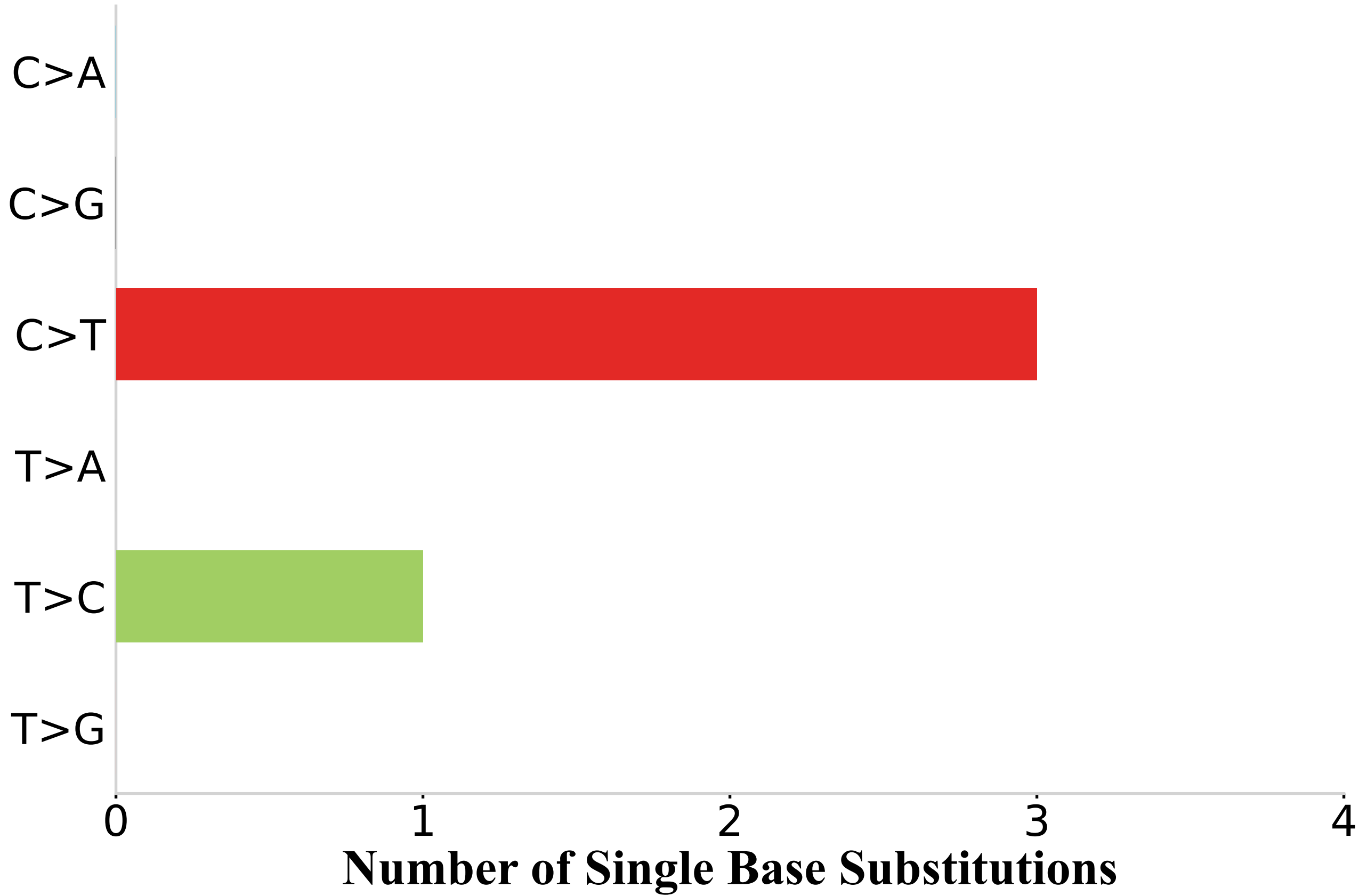
**P-0018189-T01-IM6: 1 subs**



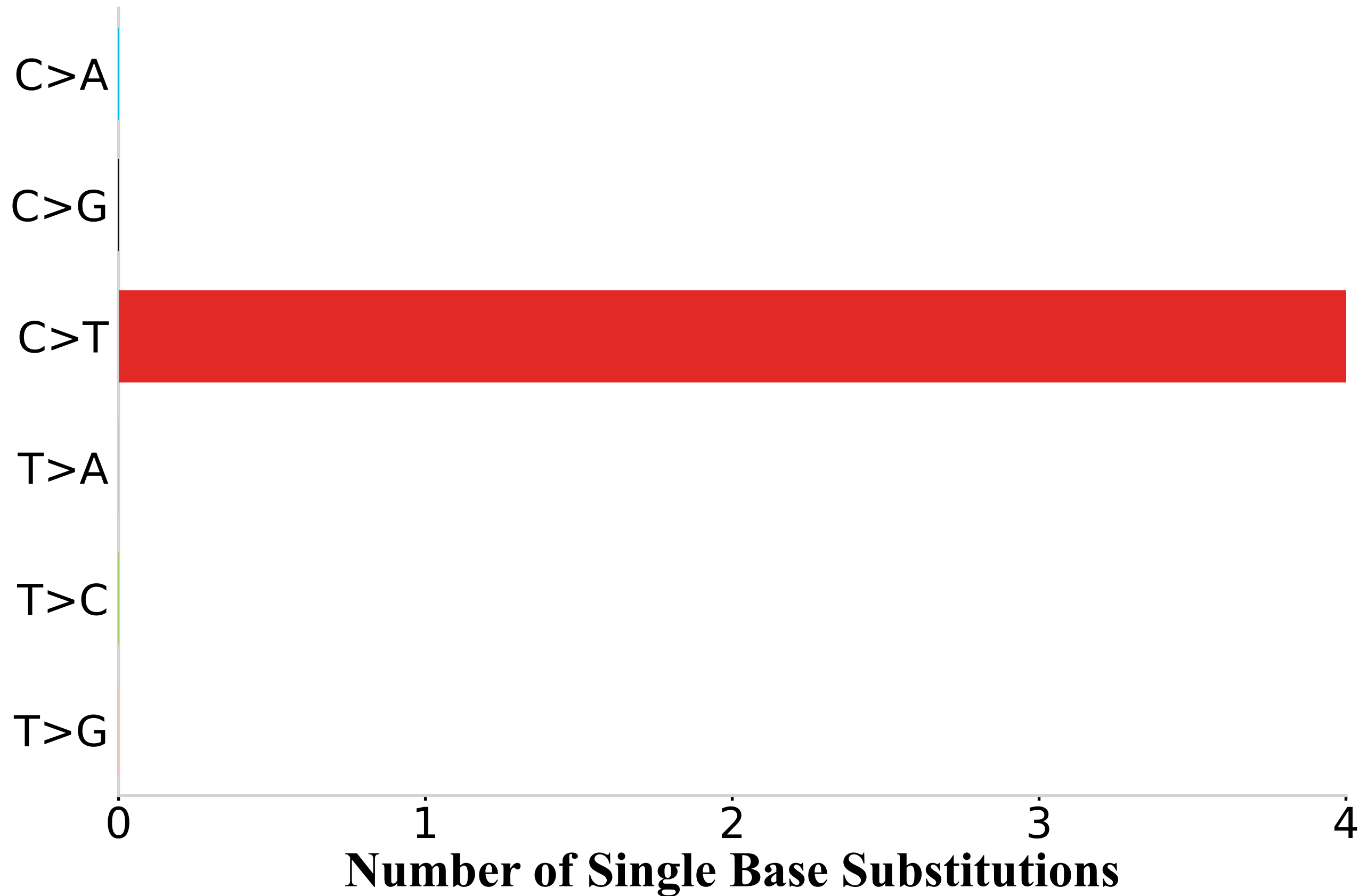
**P-0019051-T01-IM6: 5 subs**



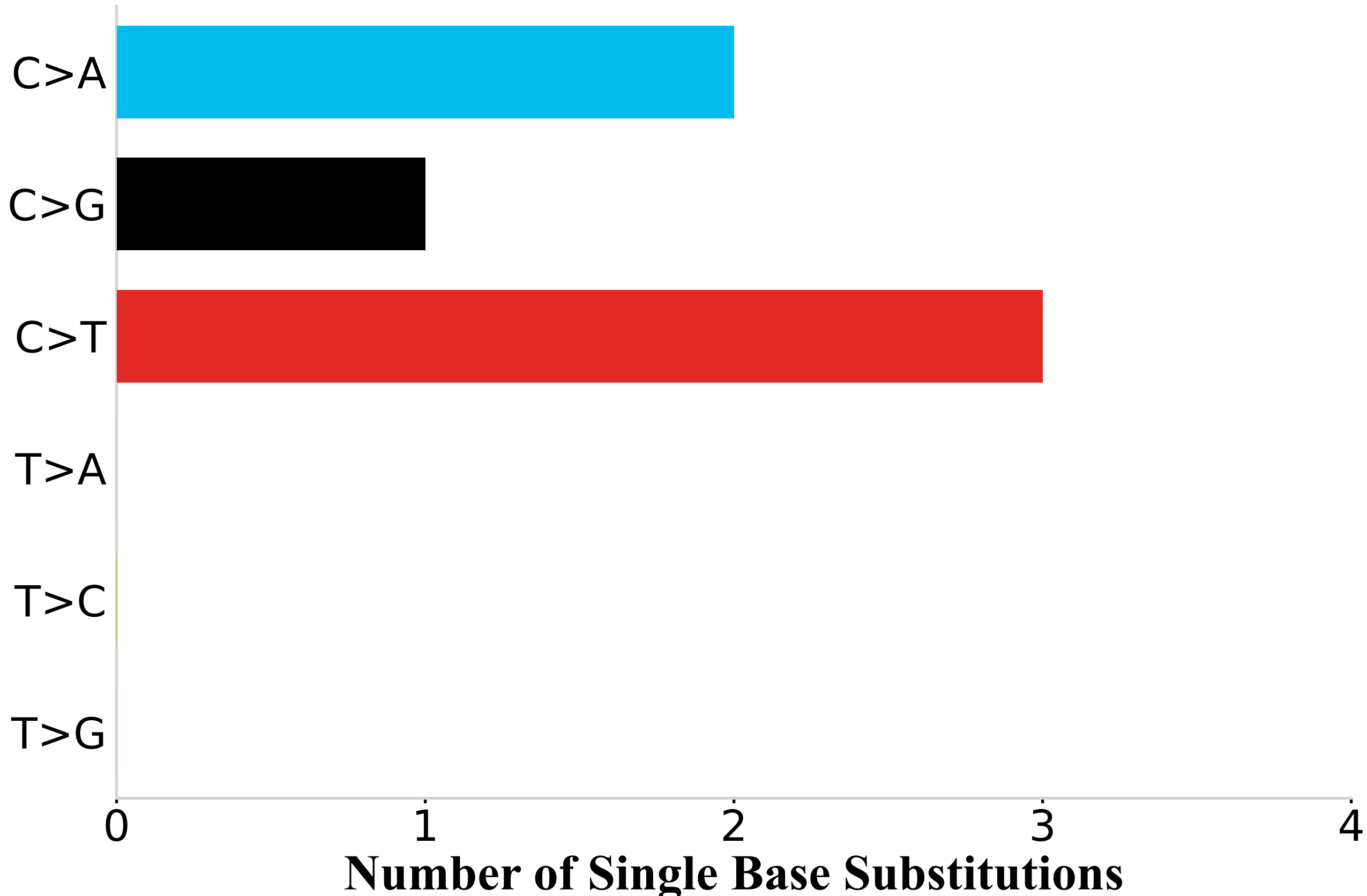
**P-0019063-T01-IM6: 4 subs**



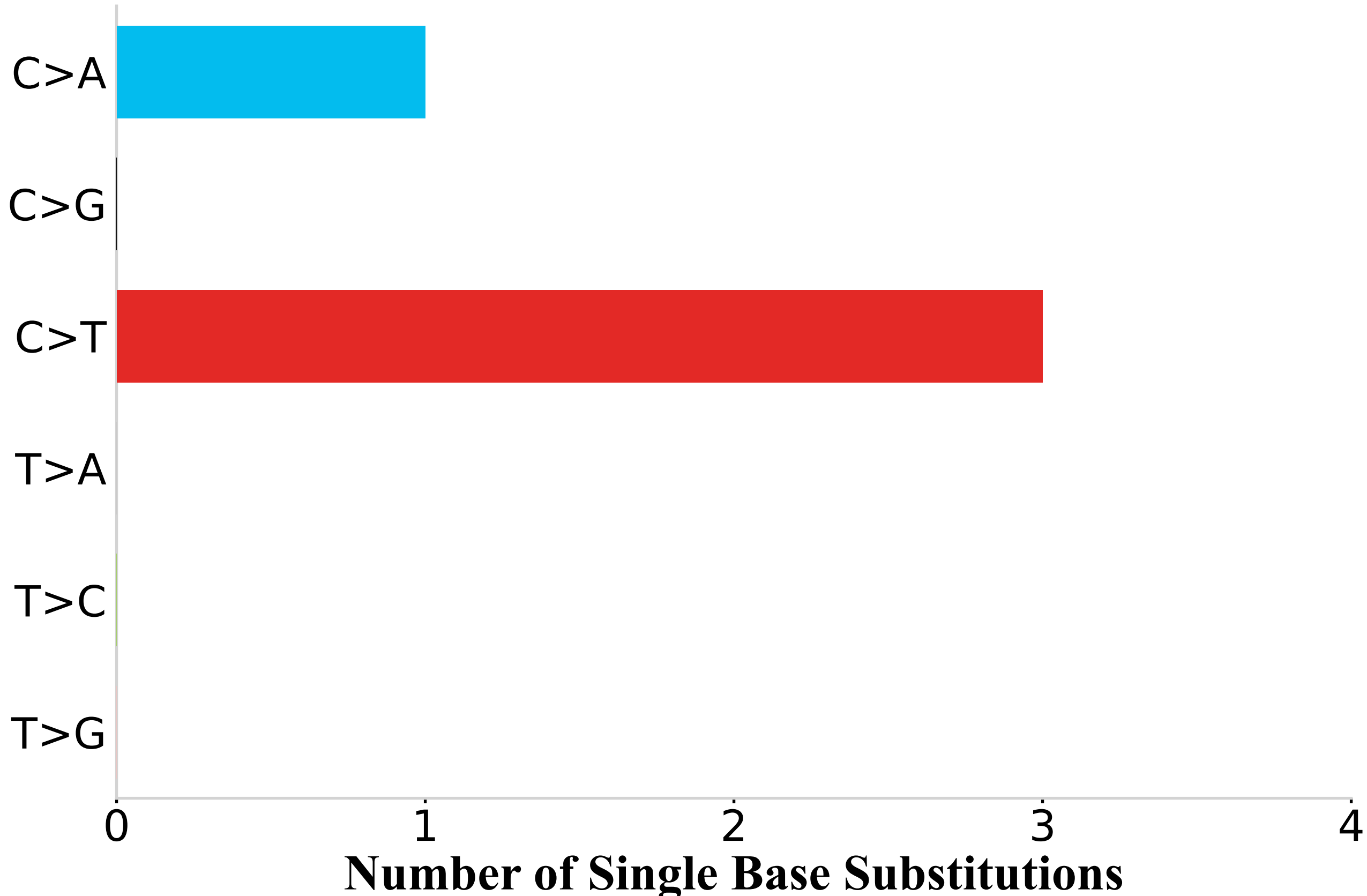
**P-0019512-T01-IM6: 4 subs**



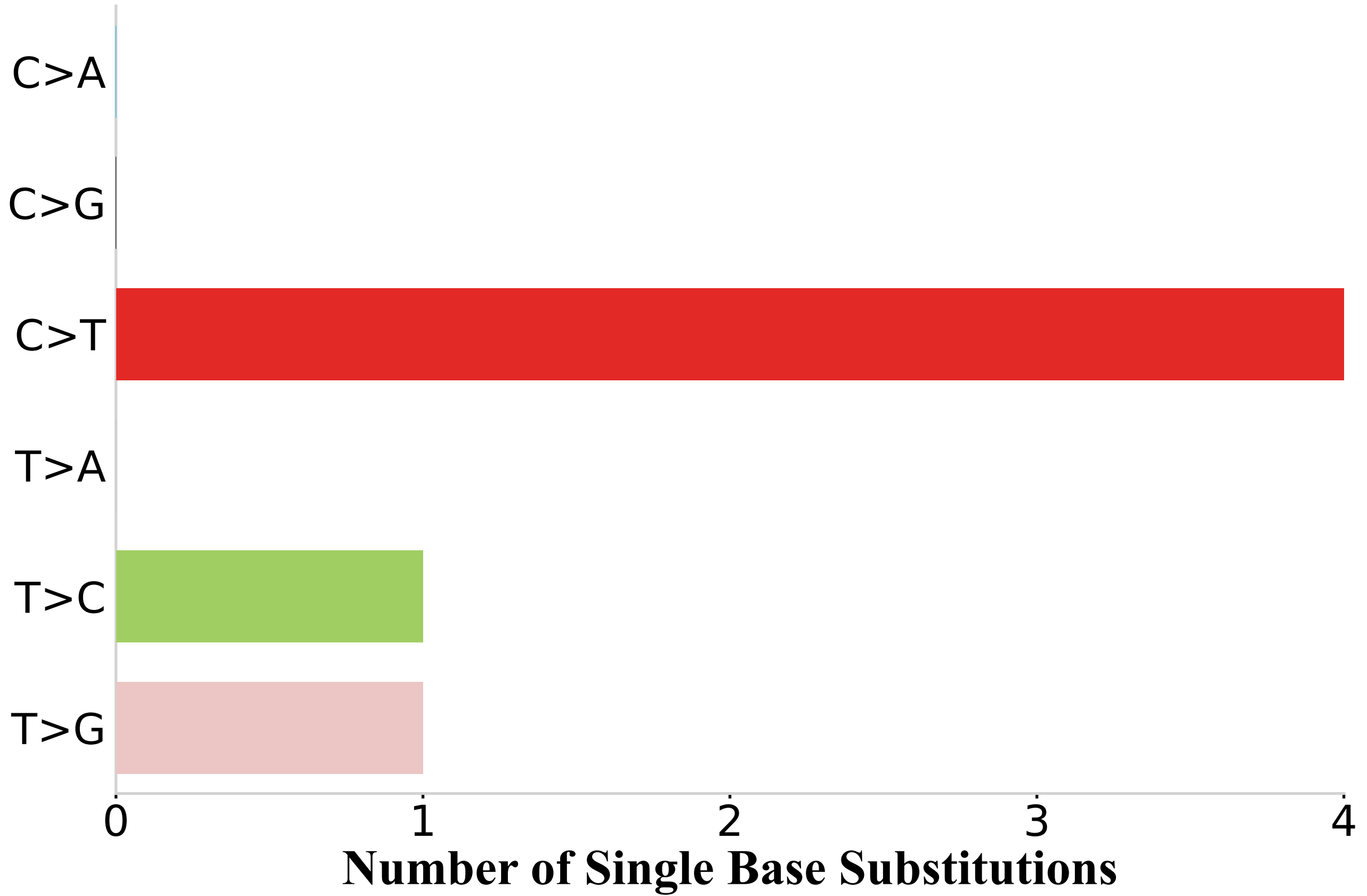
**P-0019762-T01-IM6: 6 subs**



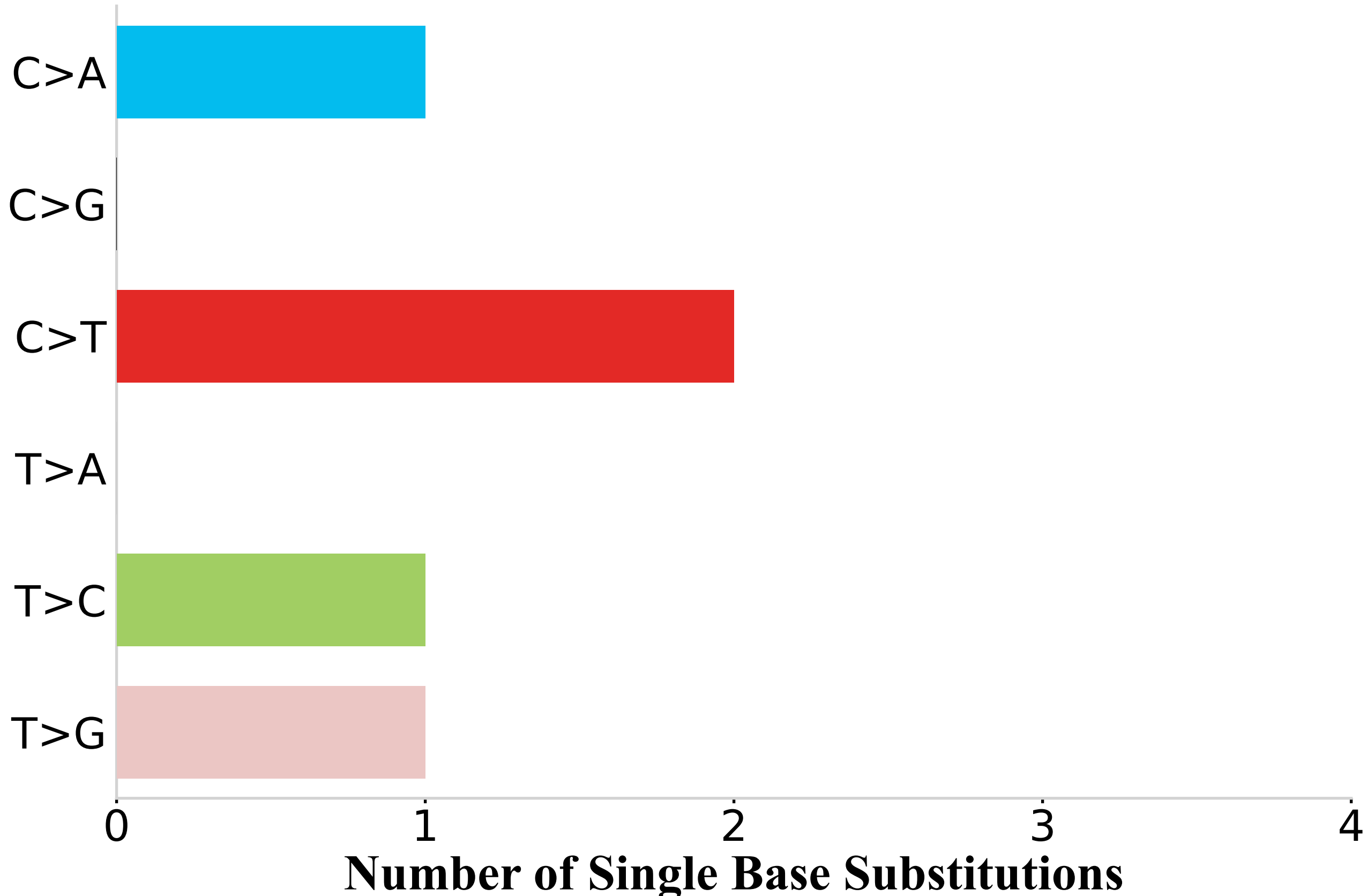
**P-0020414-T01-IM6: 4 subs**



**P-0020483-T01-IM6: 6 subs**



**P-0021404-T01-IM6: 5 subs**





**P-0021557-T01-IM6: 0 subs**

C>A

C>G

C>T

T>A

T>C

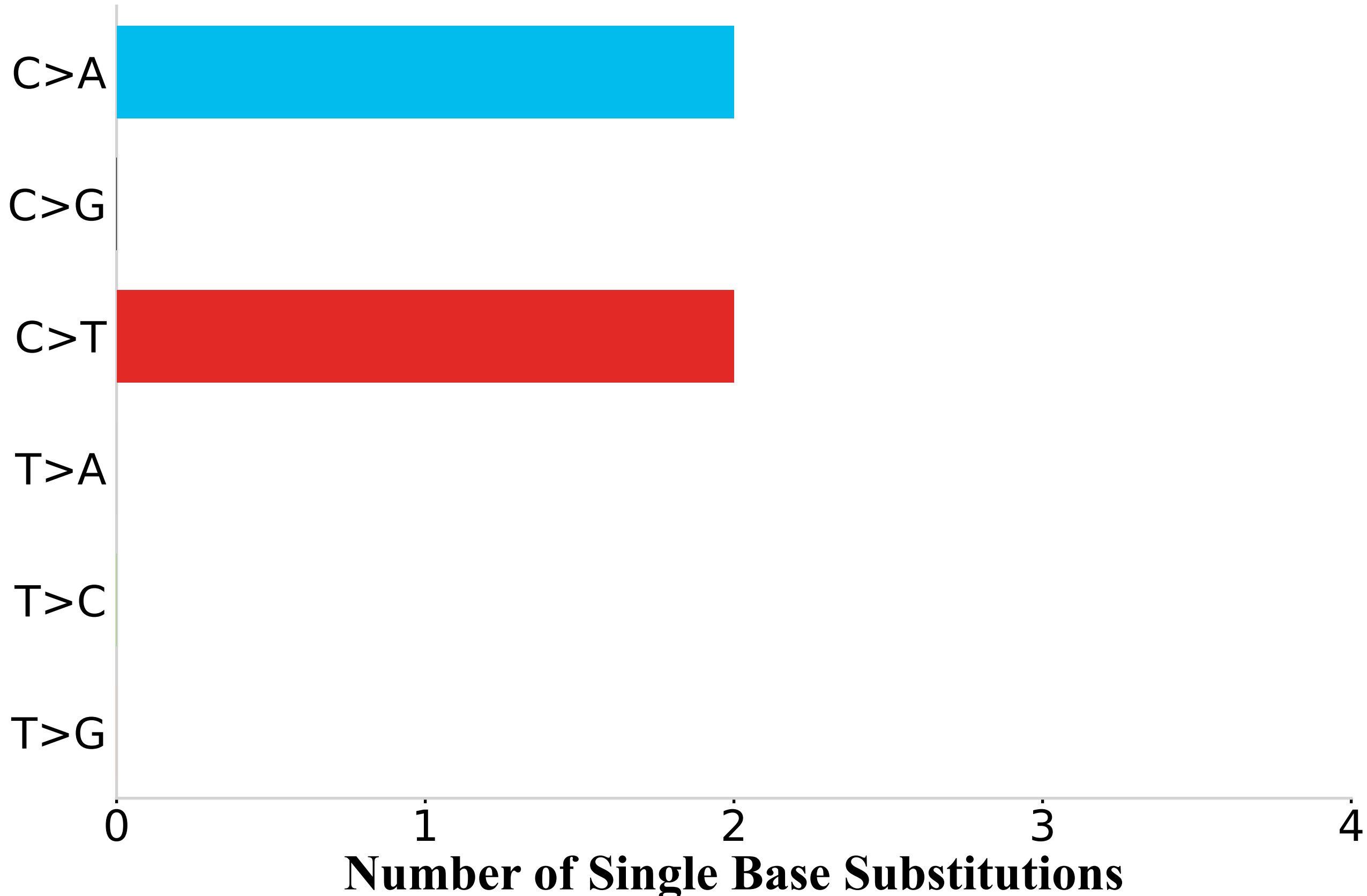
T>G

0

**Number of Single Base Substitutions**



**P-0021929-T01-IM6: 4 subs**



**P-0022517-T01-IM6: 3 subs**

C>A

C>G

C>T

T>A

T>C

T>G

0

1

2

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4

**Number of Single Base Substitutions**



**P-0022792-T01-IM6: 4 subs**

C>A

C>G

C>T

T>A

T>C

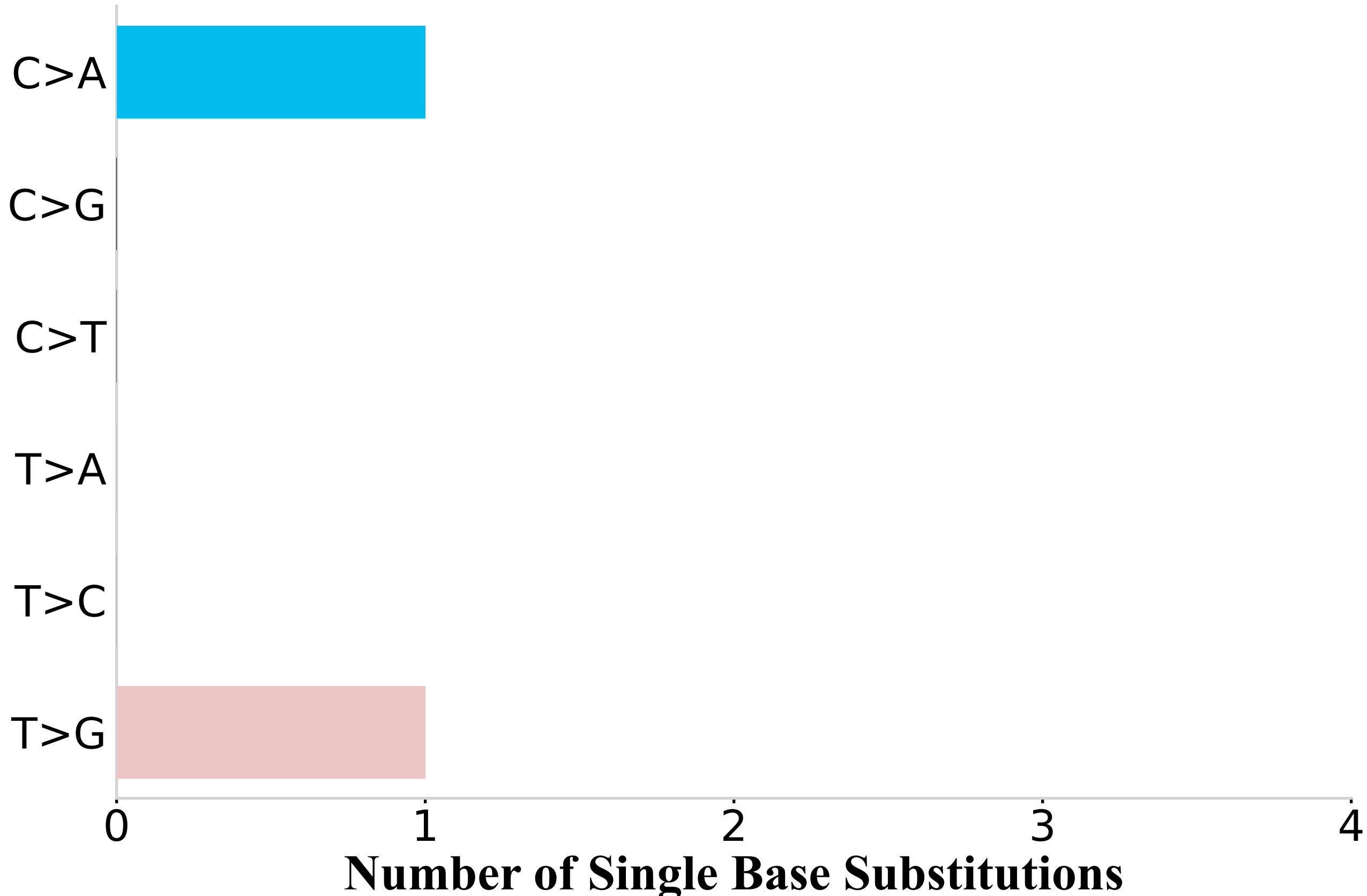
T>G

0 1 2 3 4

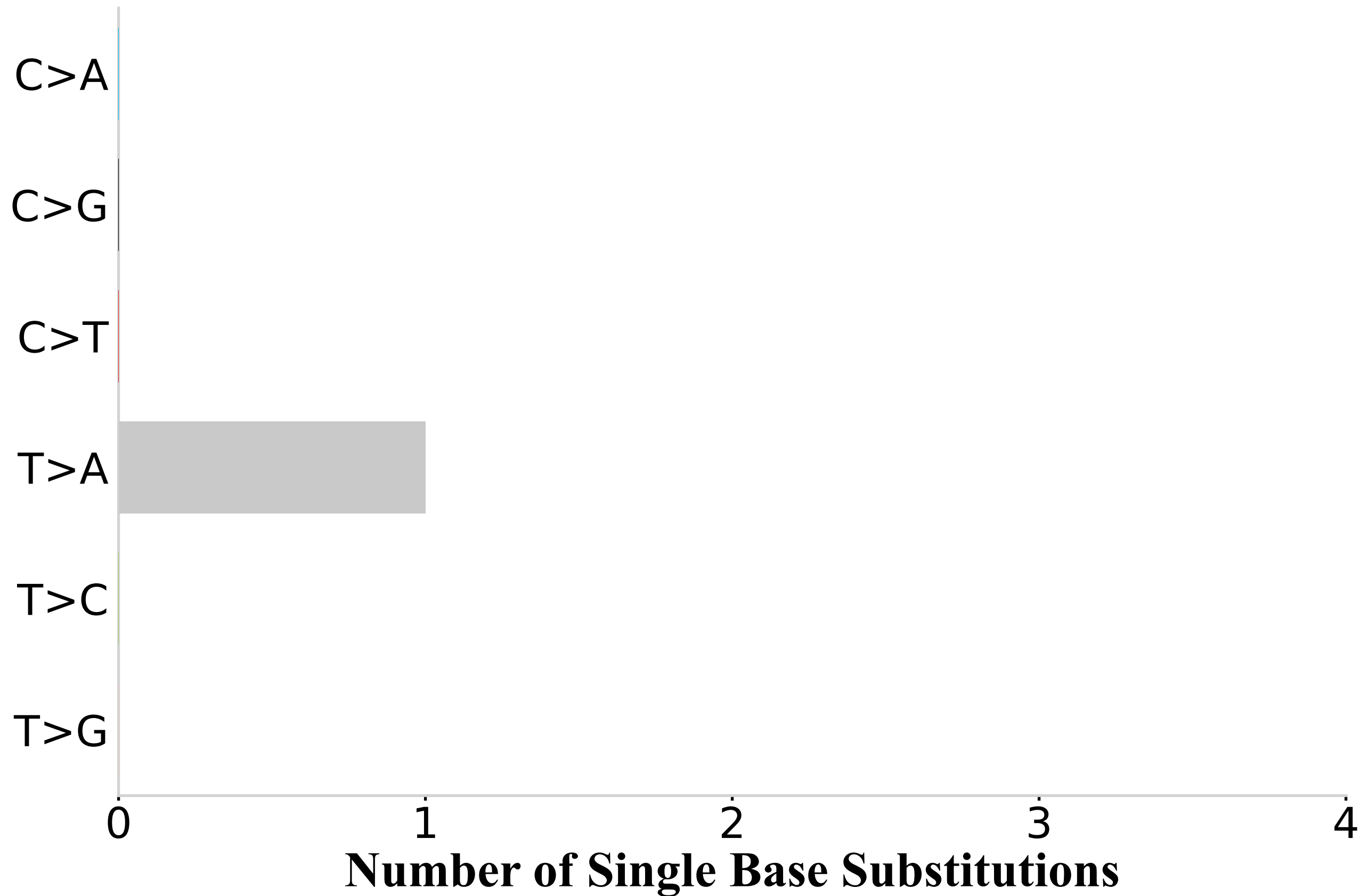
**Number of Single Base Substitutions**



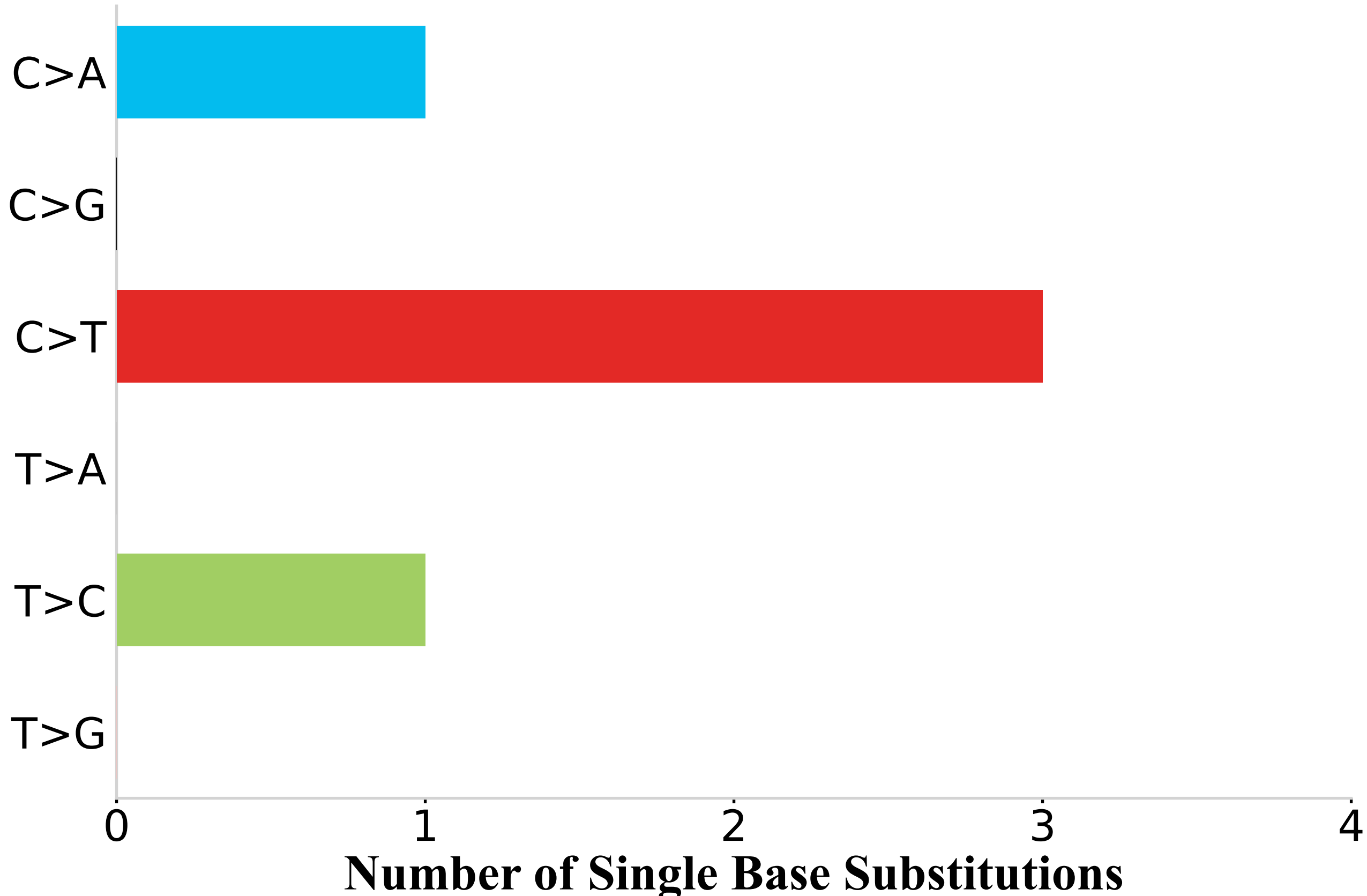
**P-0023090-T01-IM6: 2 subs**



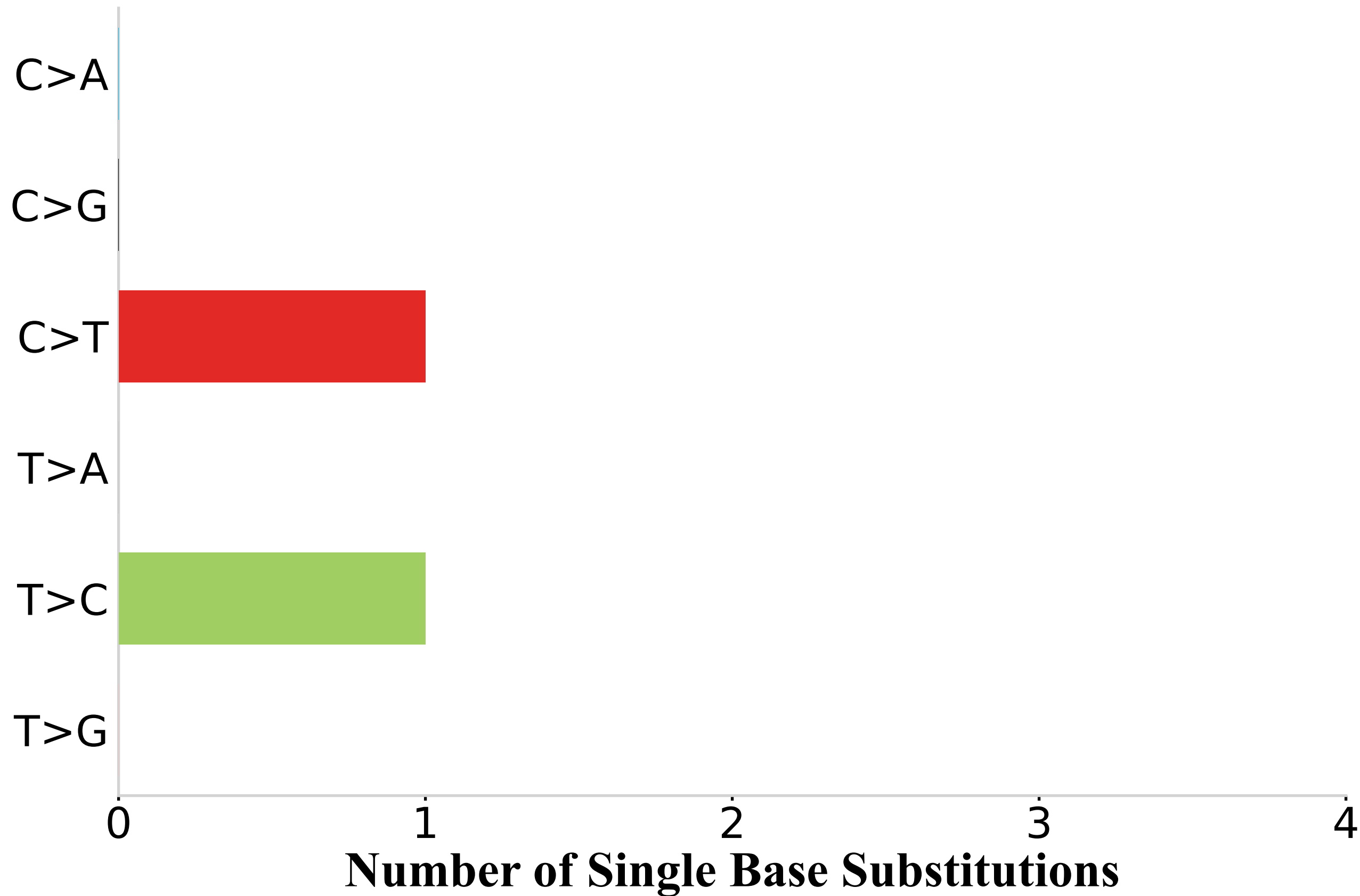
**P-0023429-T01-IM6: 1 subs**



**P-0024739-T01-IM6: 5 subs**

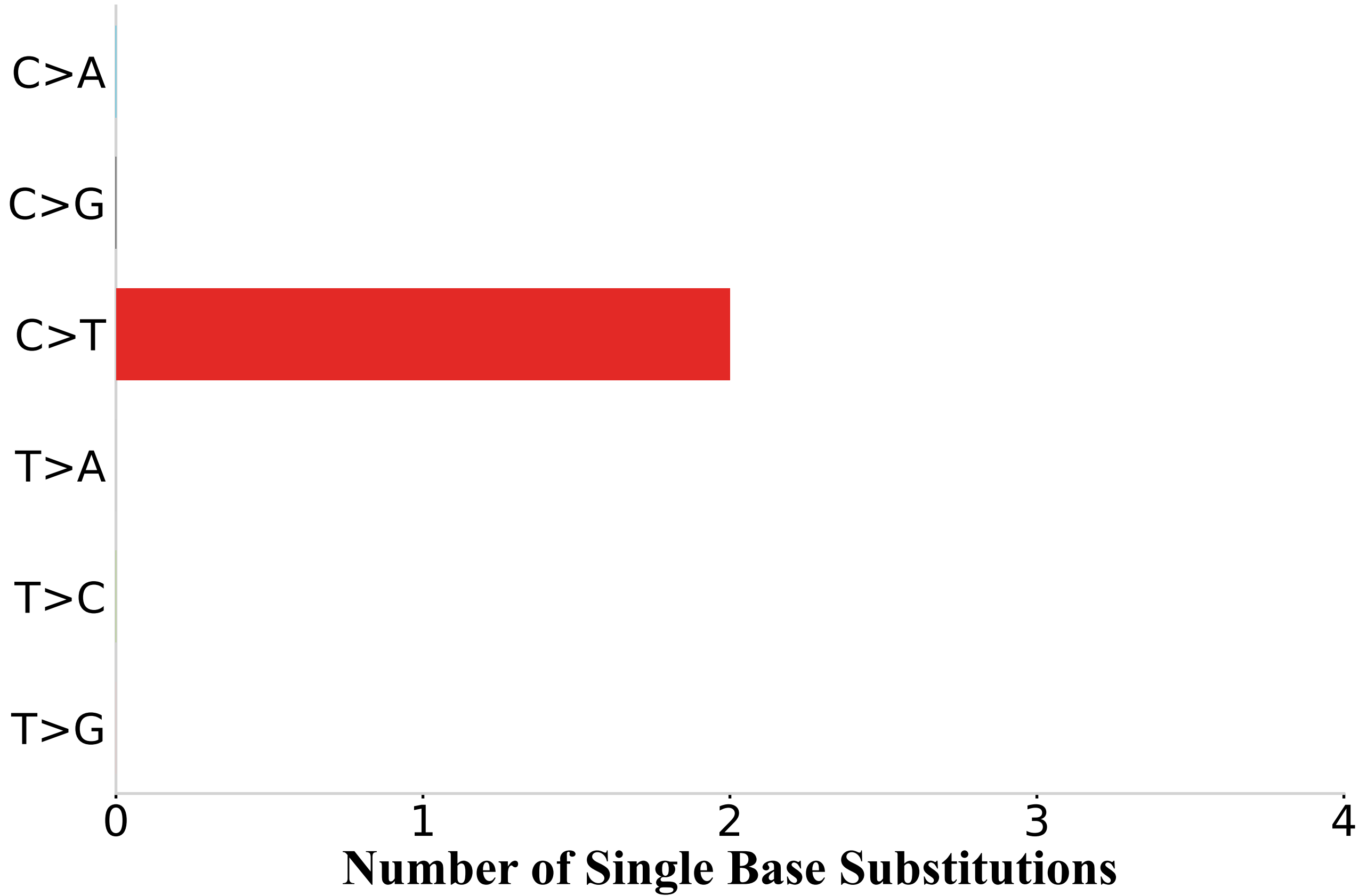


**P-0024951-T01-IM6: 2 subs**

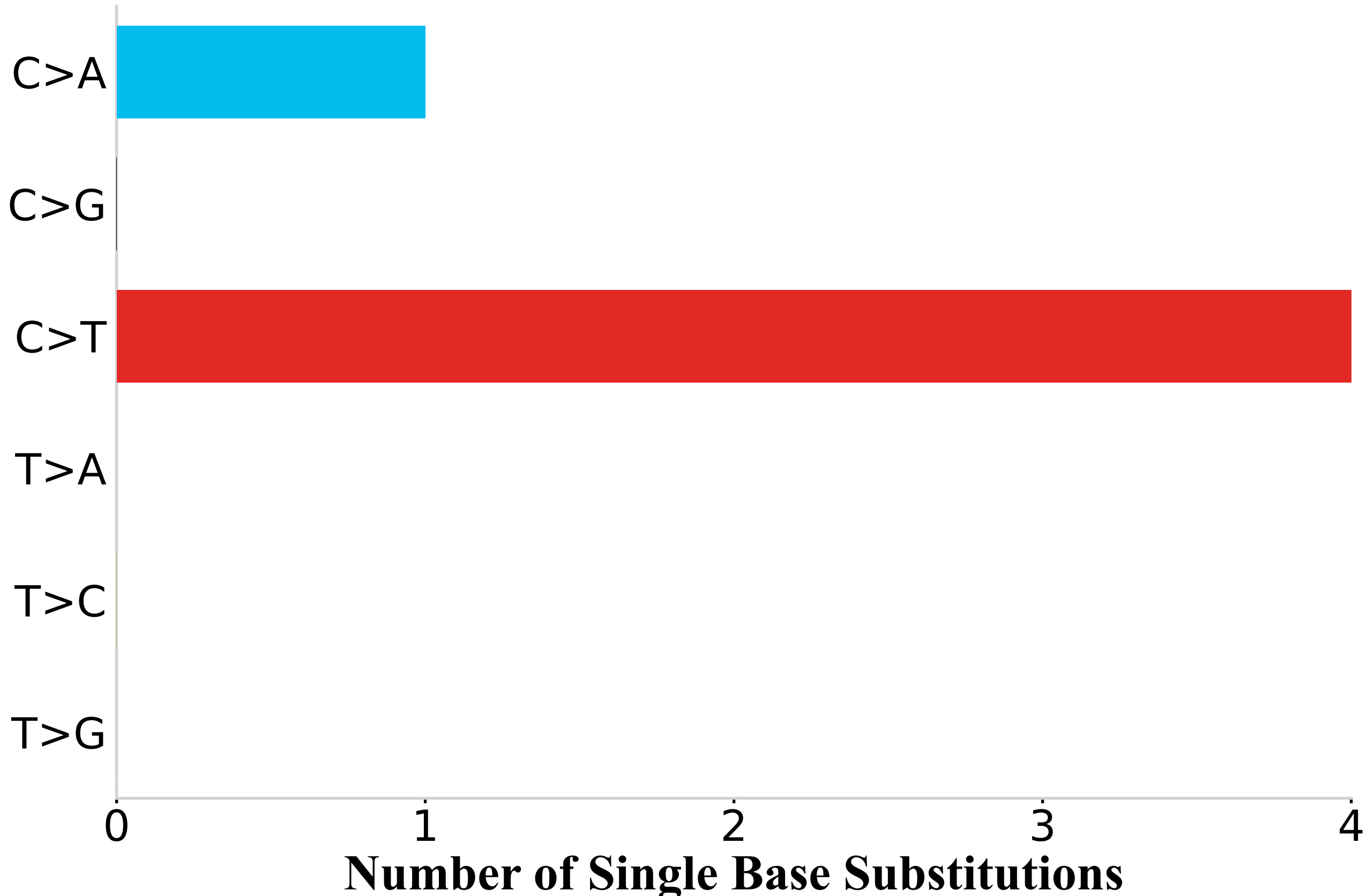




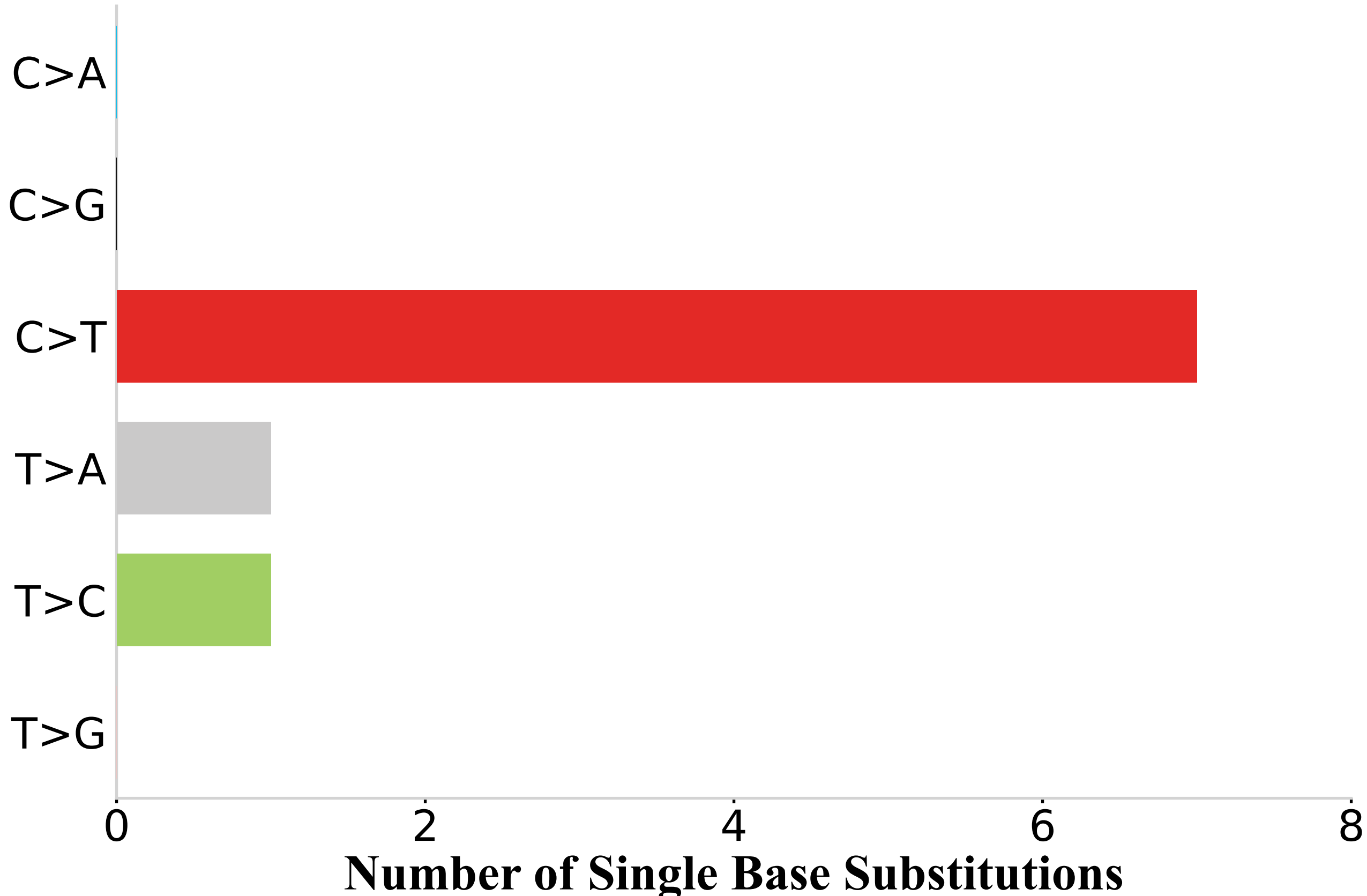
**P-0025220-T01-IM6: 2 subs**



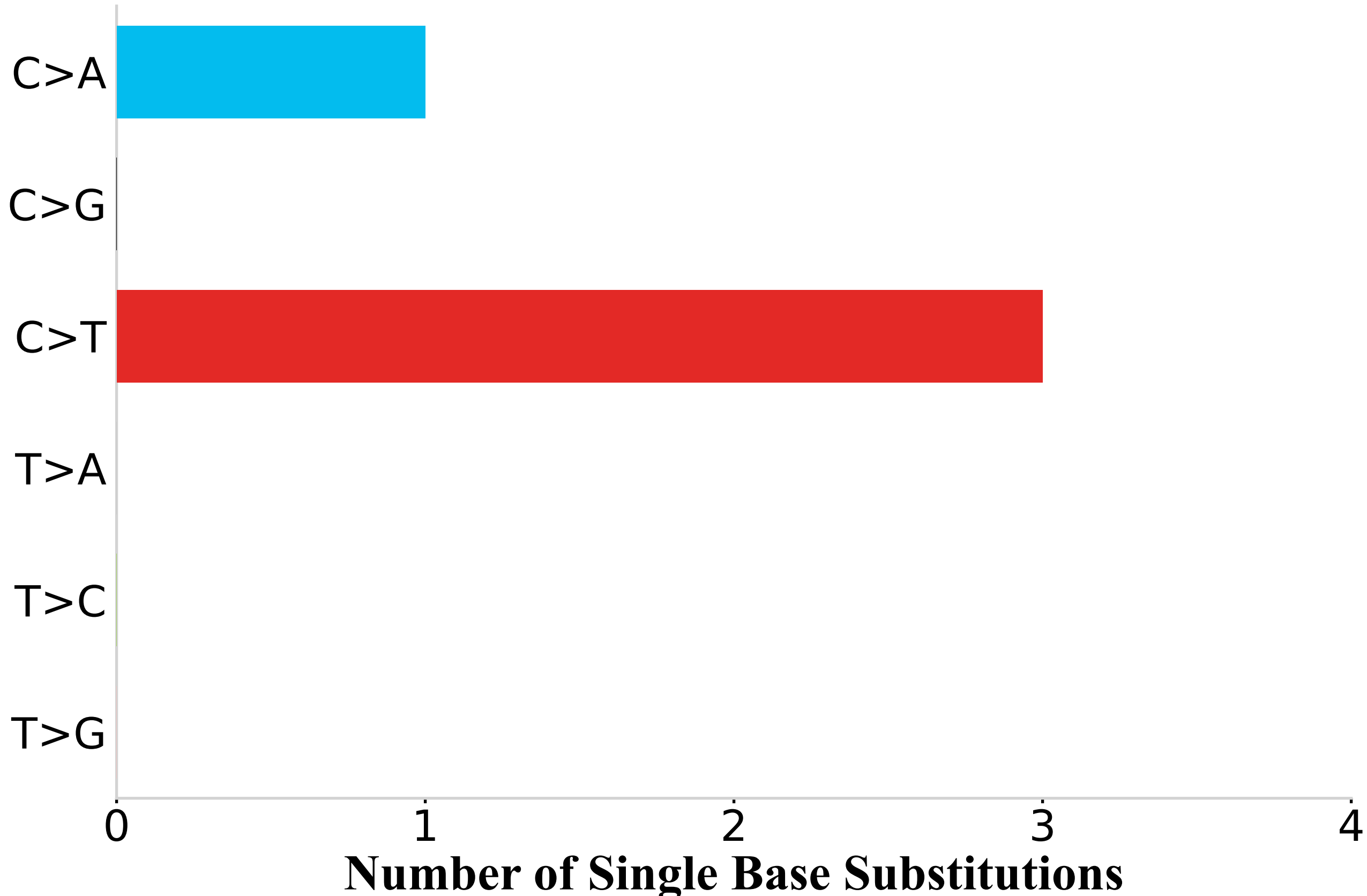
**P-0025438-T01-IM6: 5 subs**



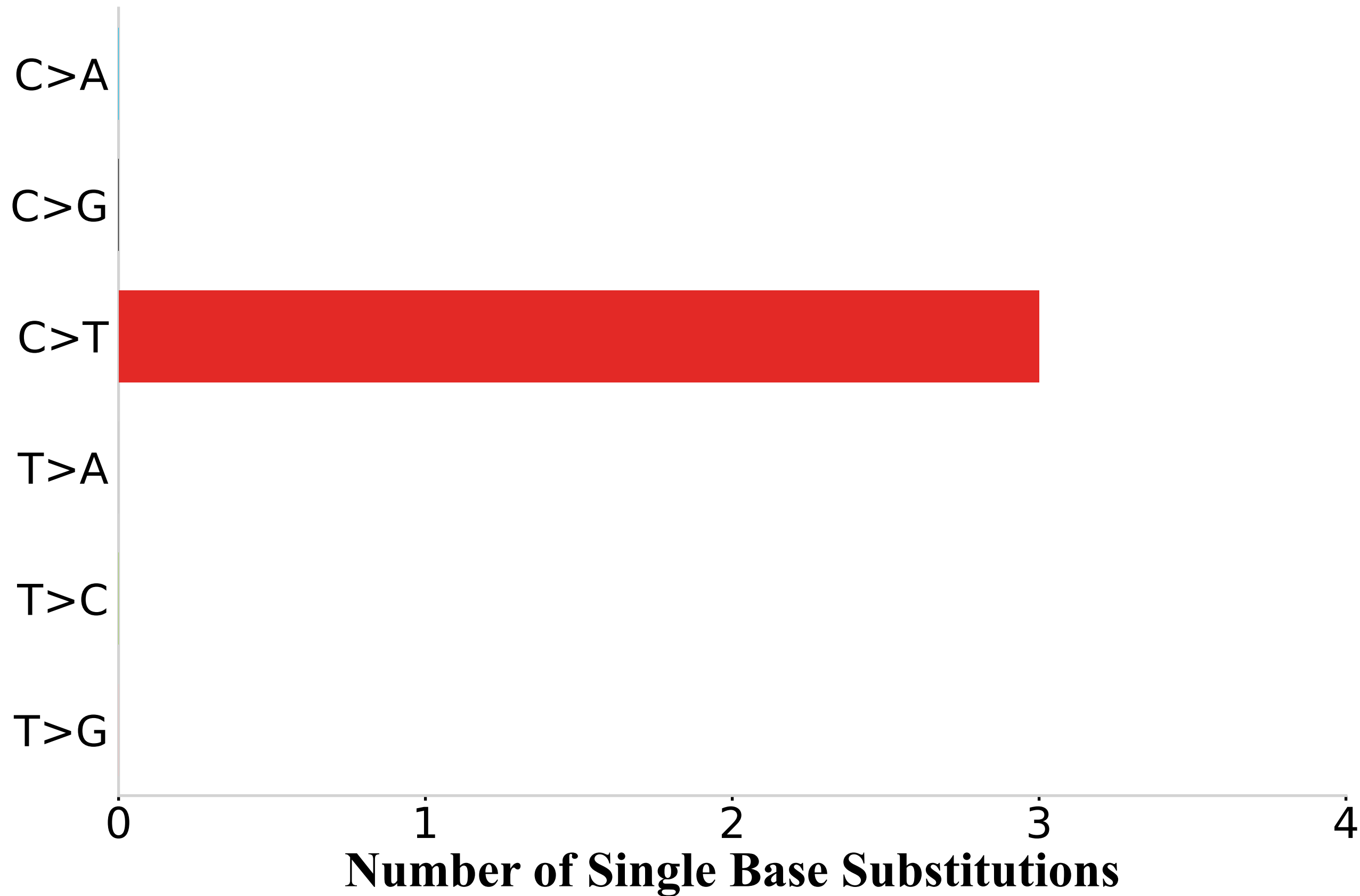
**P-0025688-T01-IM6: 9 subs**



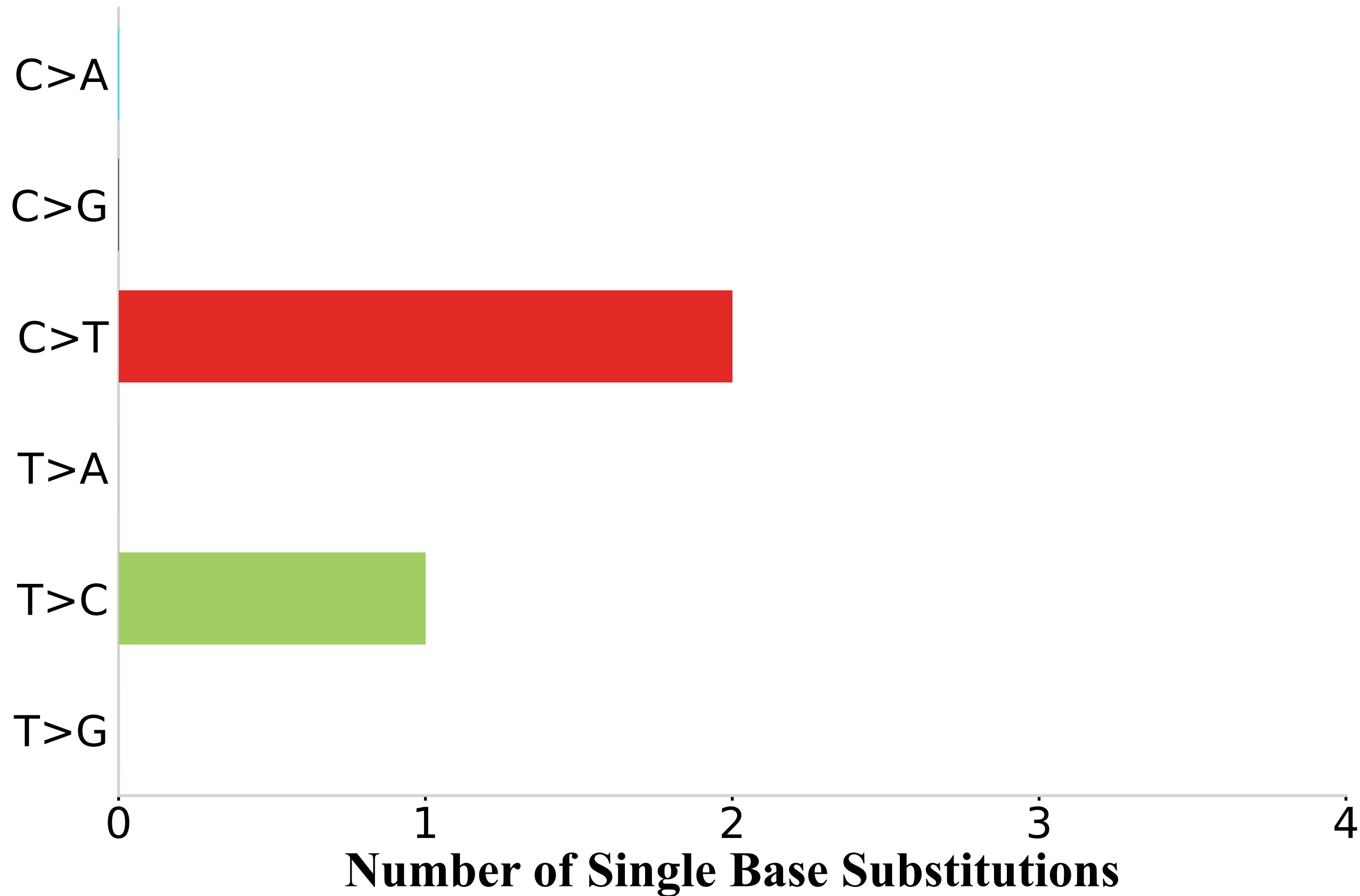
**P-0025920-T01-IM6: 4 subs**



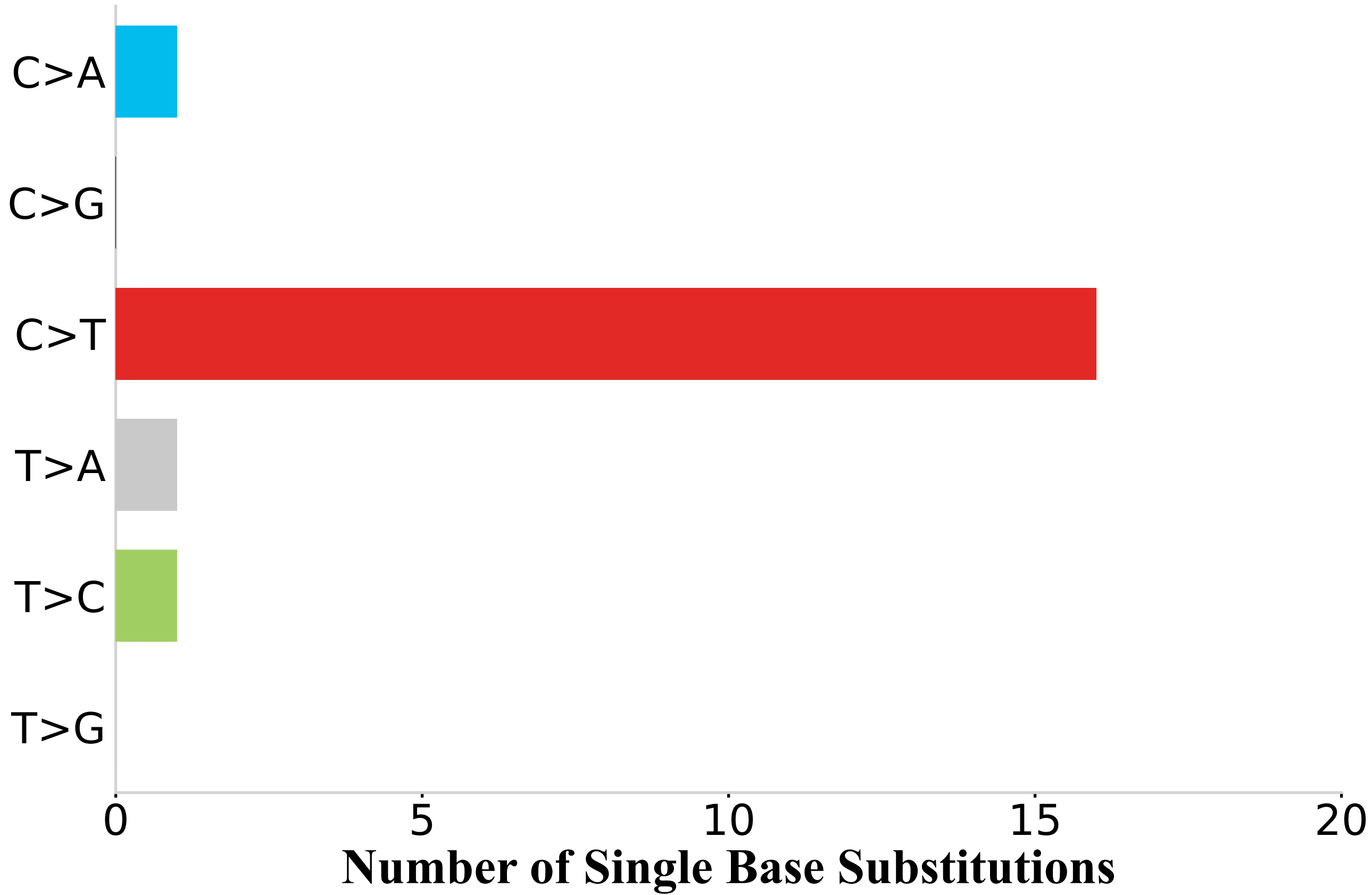
**P-0026149-T01-IM6: 3 subs**



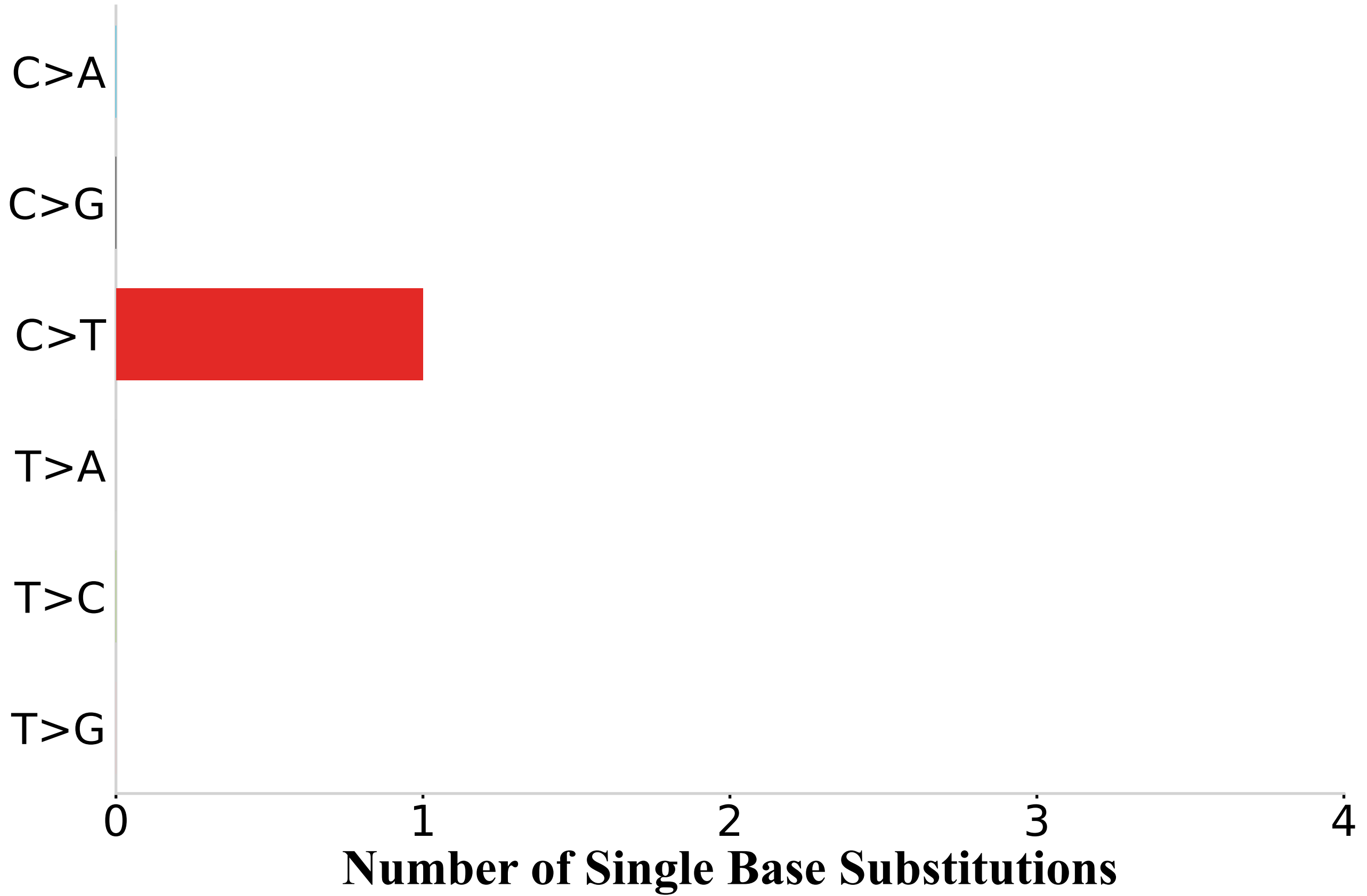
**P-0026210-T01-IM6: 3 subs**



**P-0026386-T02-IM6: 19 subs**

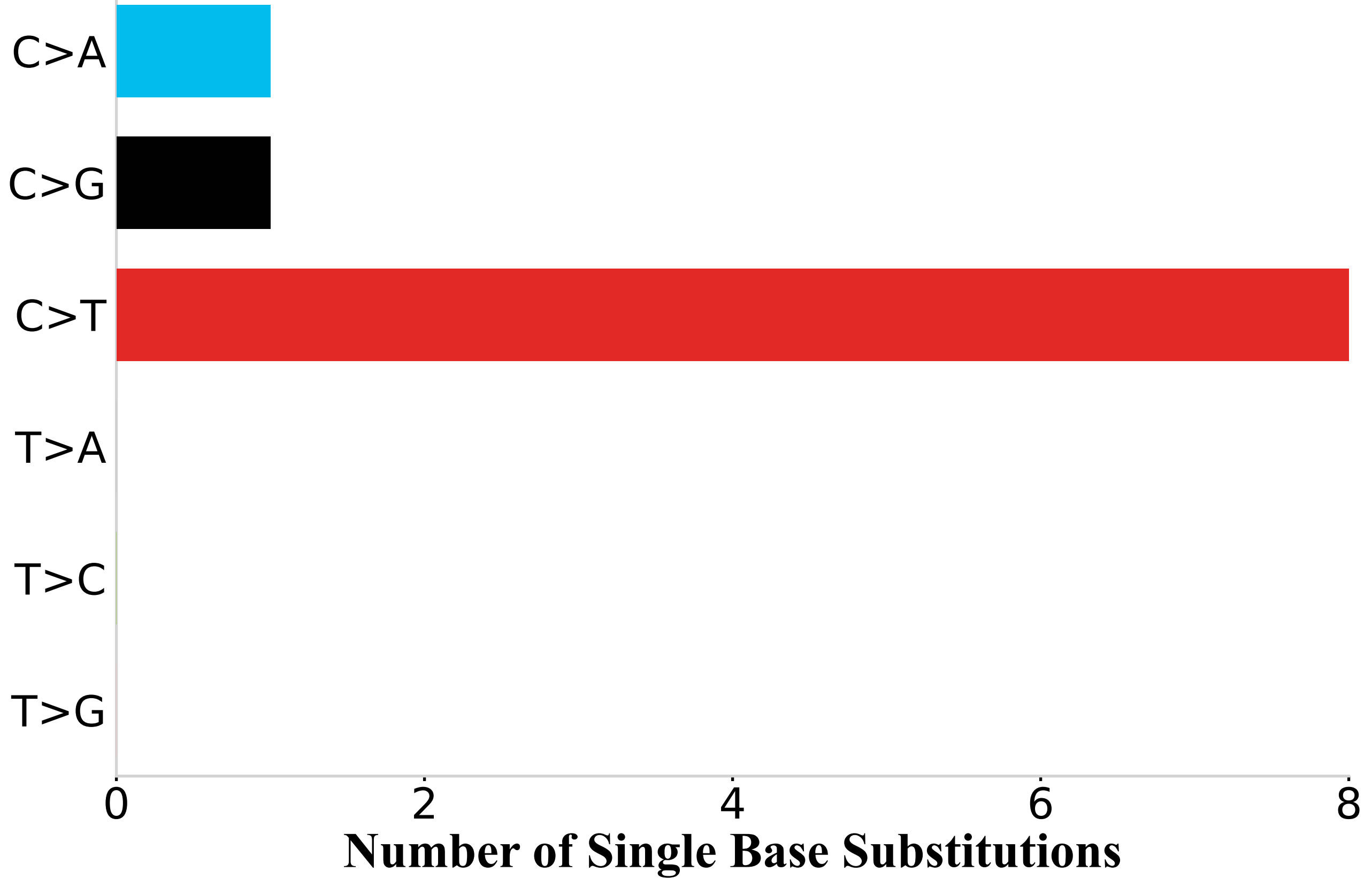


**P-0026747-T04-IM6: 1 subs**





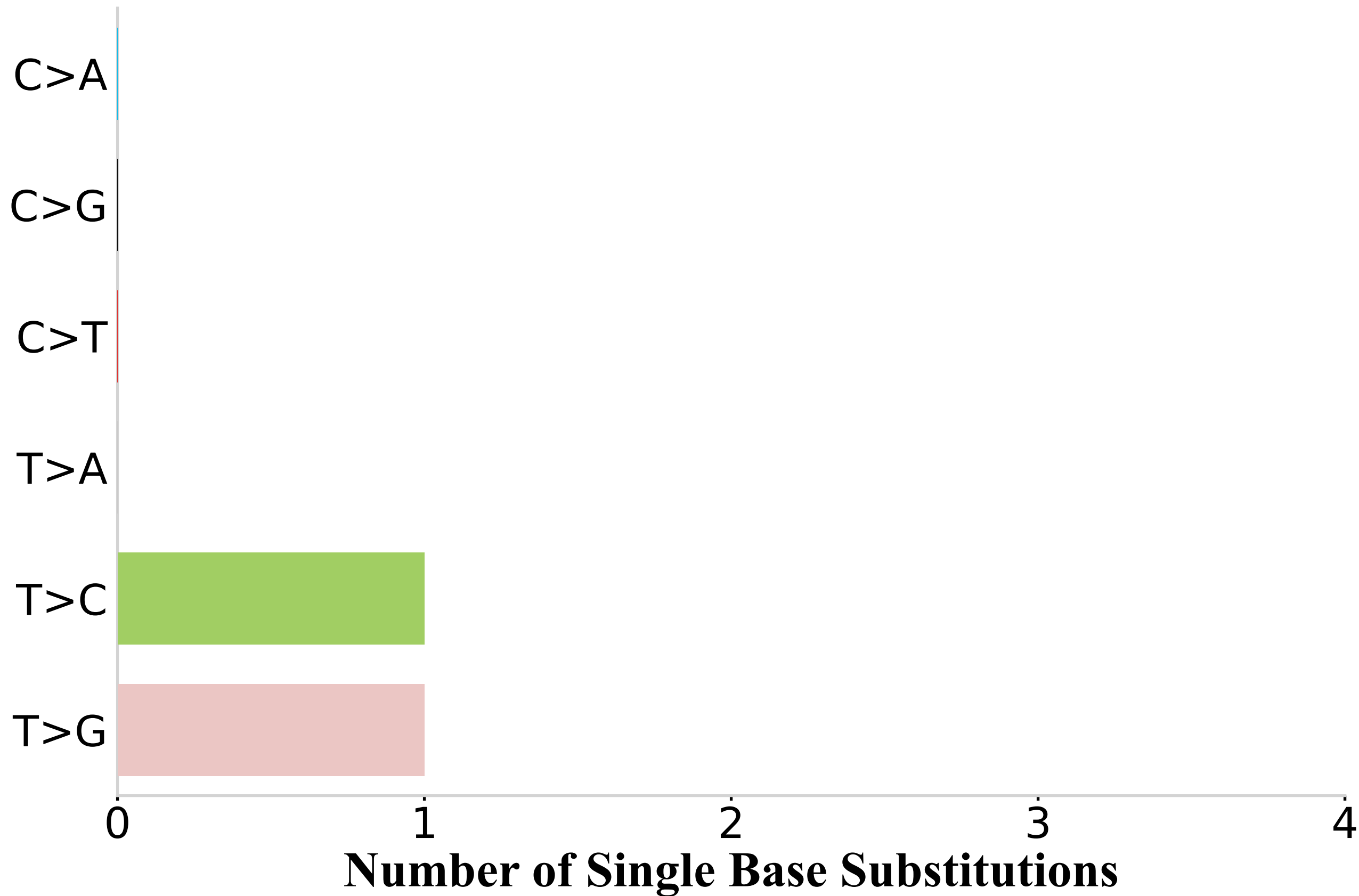
**P-0027188-T01-IM6: 10 subs**



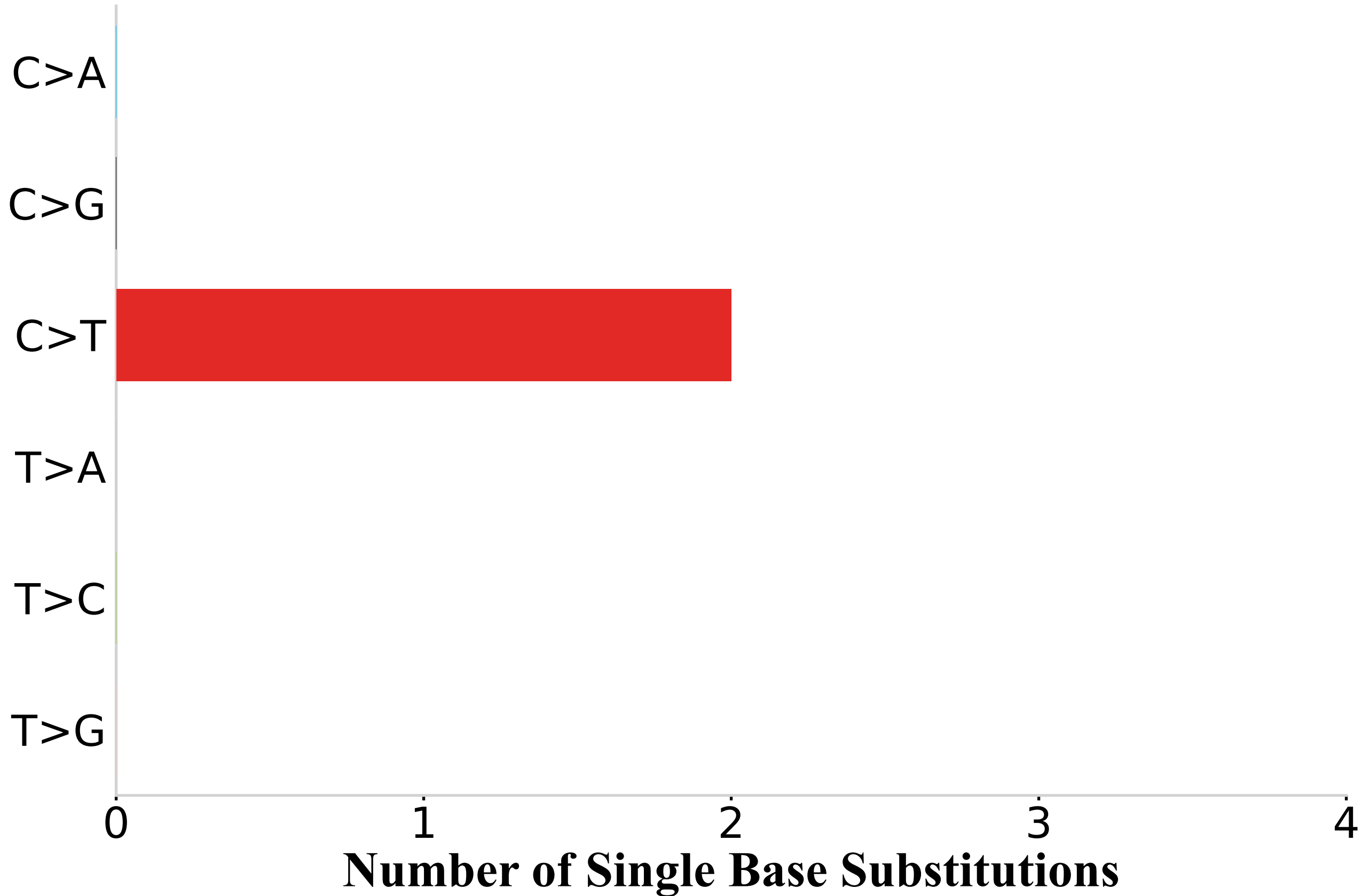
**P-0027295-T01-IM6: 1 subs**



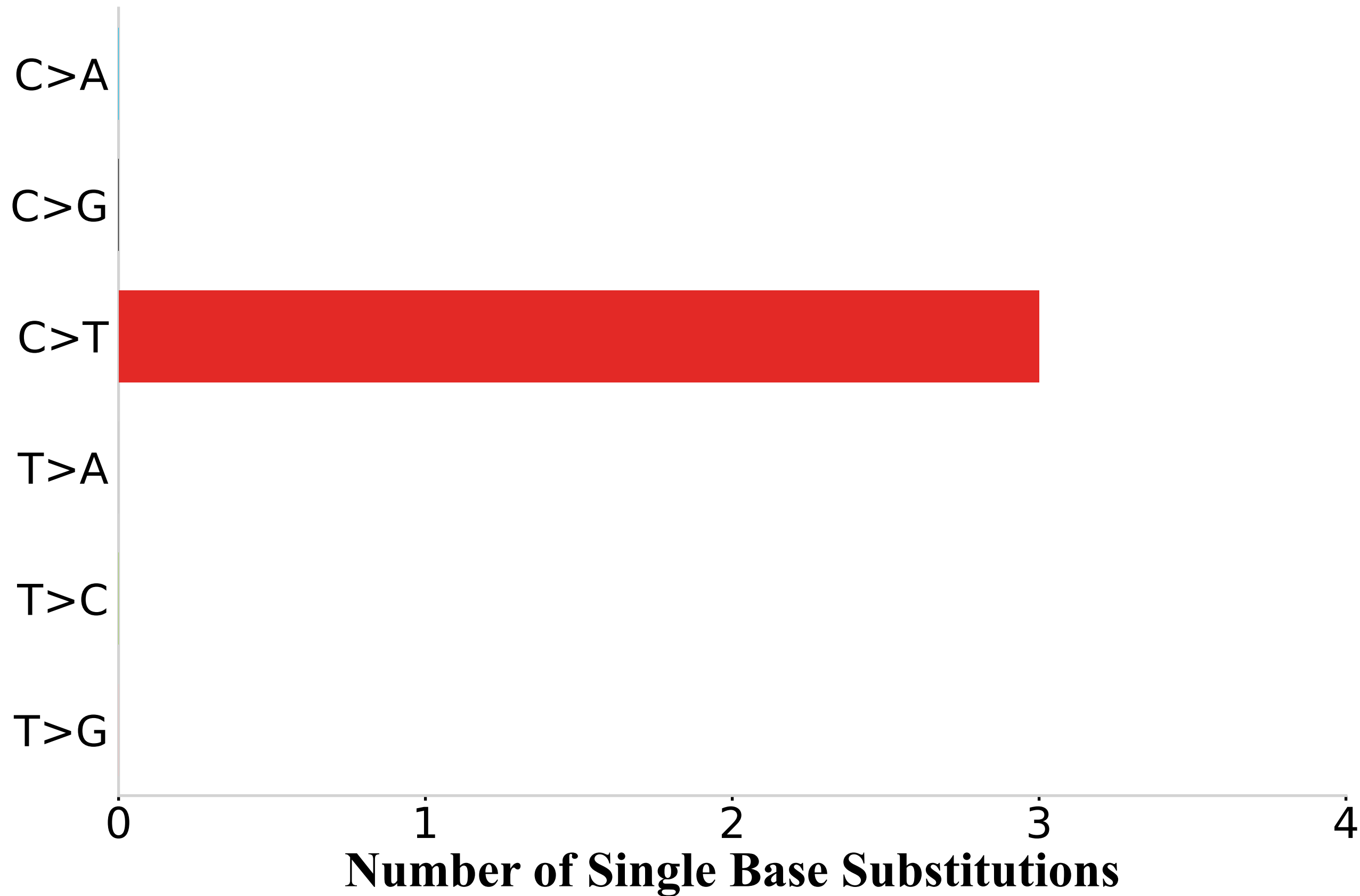
**P-0027806-T01-IM6: 2 subs**



**P-0027839-T01-IM6: 2 subs**



**P-0028106-T01-IM6: 3 subs**



**P-0028267-T01-IM6: 1 subs**



**P-0028346-T01-IM6: 2 subs**



**P-0028756-T01-IM6: 1 subs**

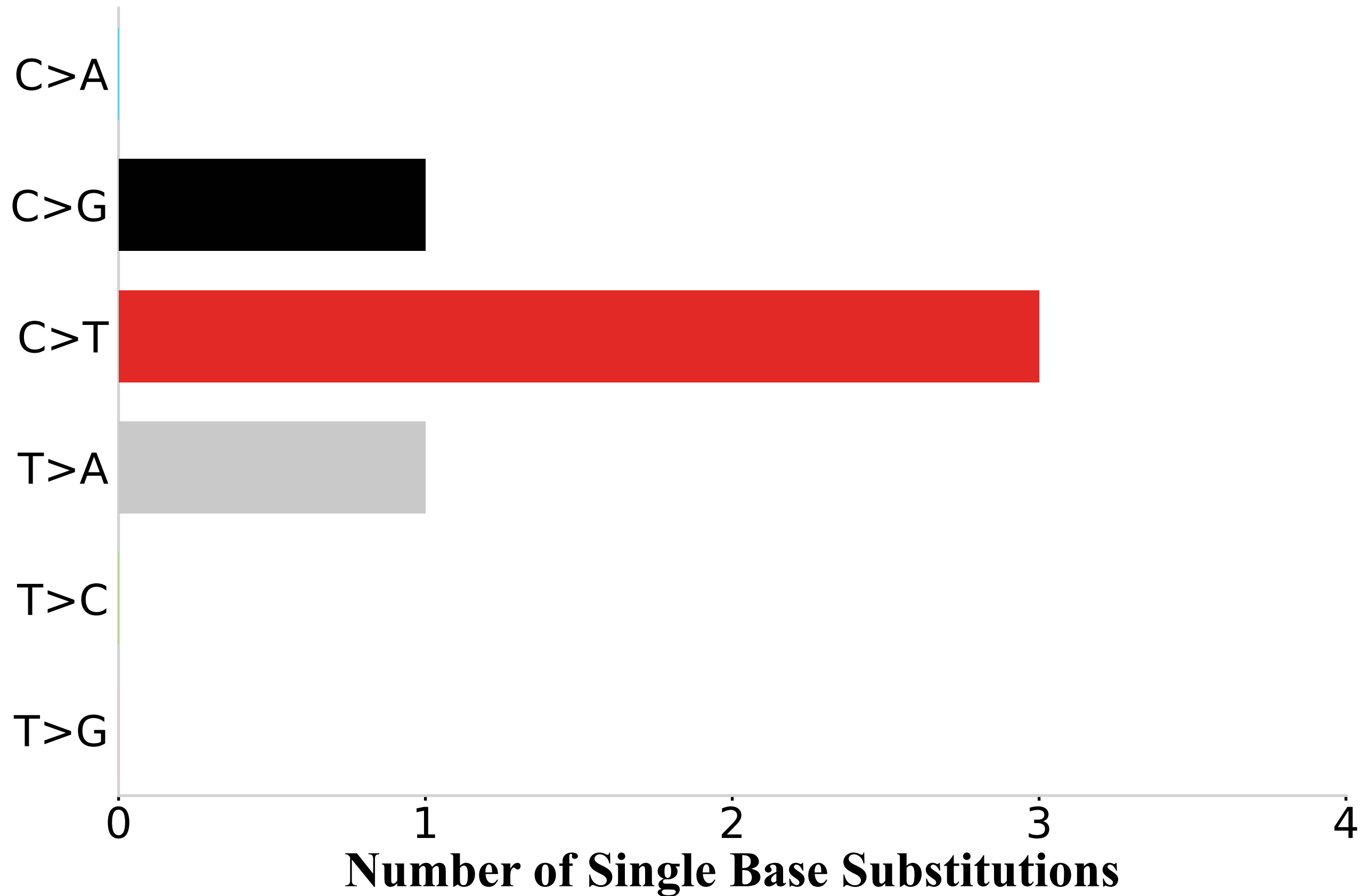




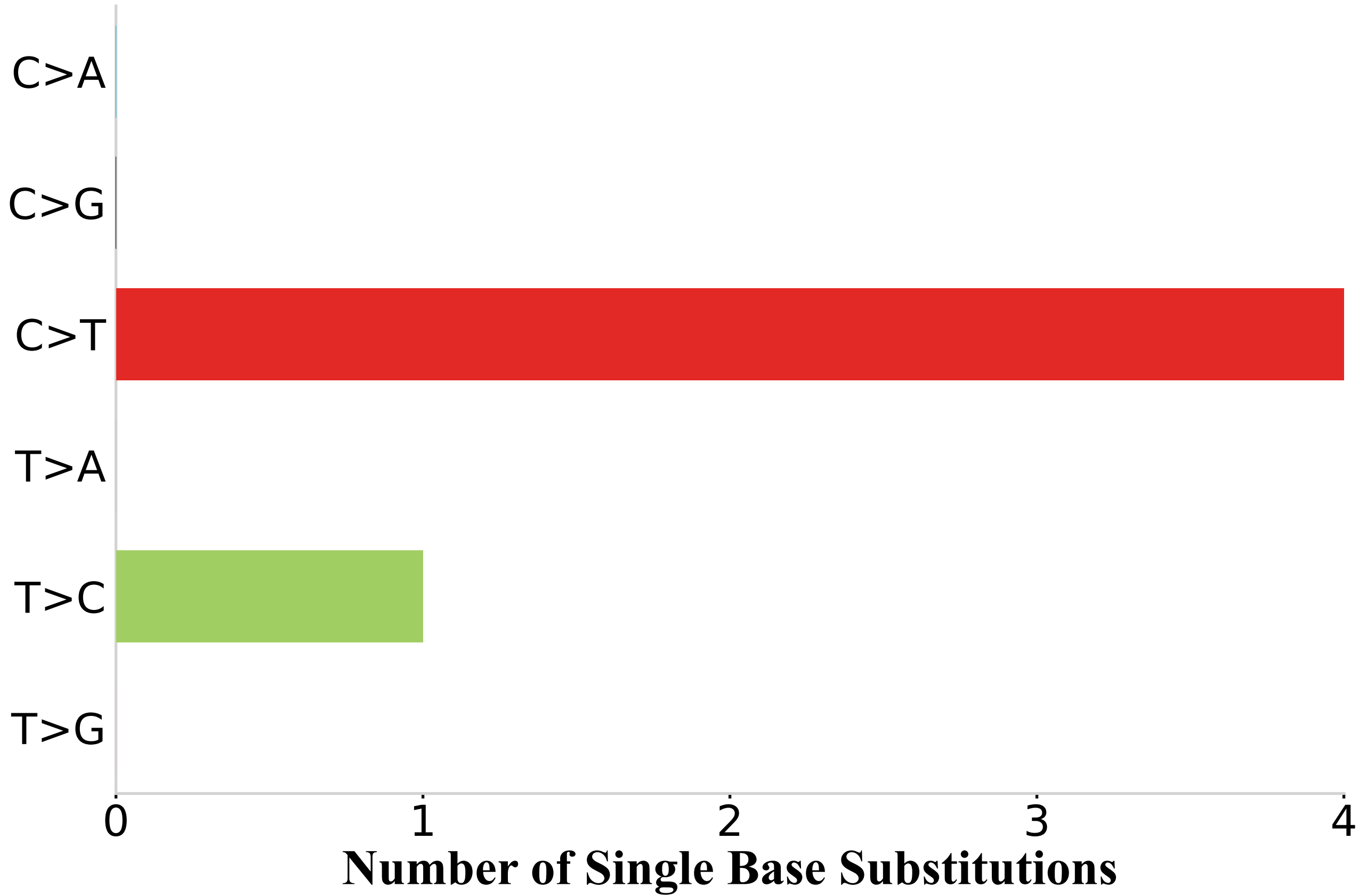
**P-0028785-T01-IM6: 2 subs**



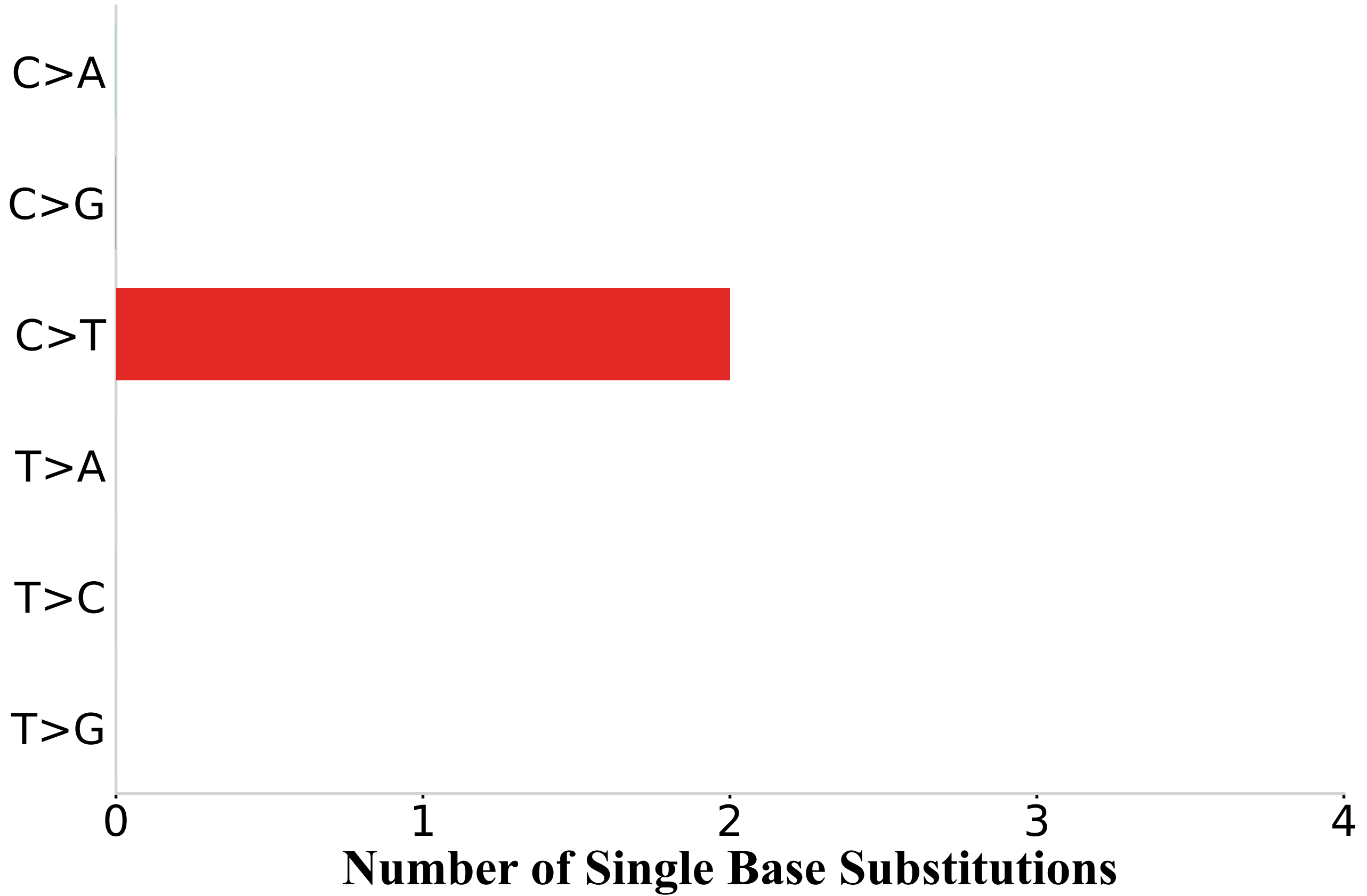
**P-0029091-T01-IM6: 5 subs**



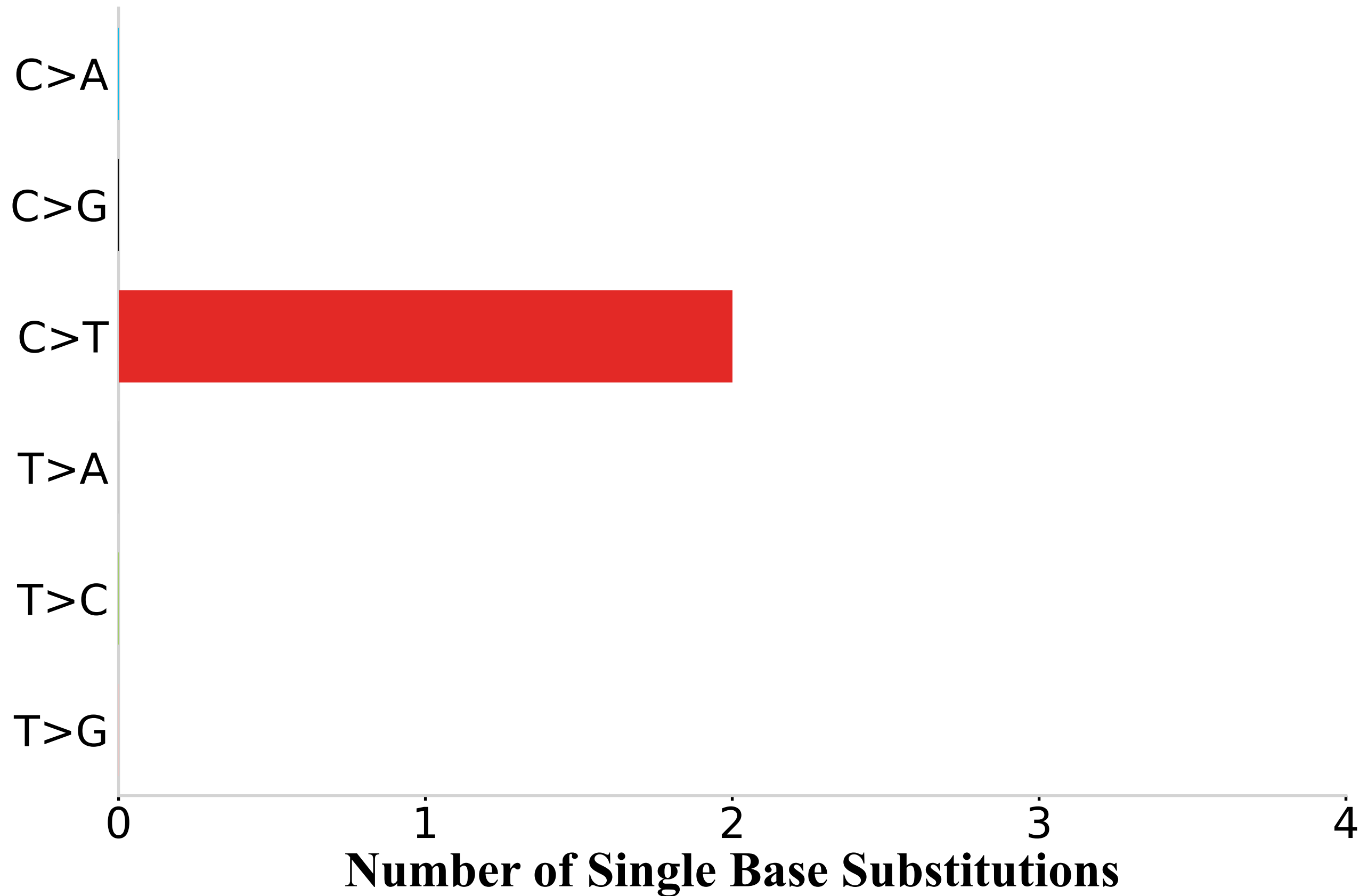
**P-0029410-T01-IM6: 5 subs**



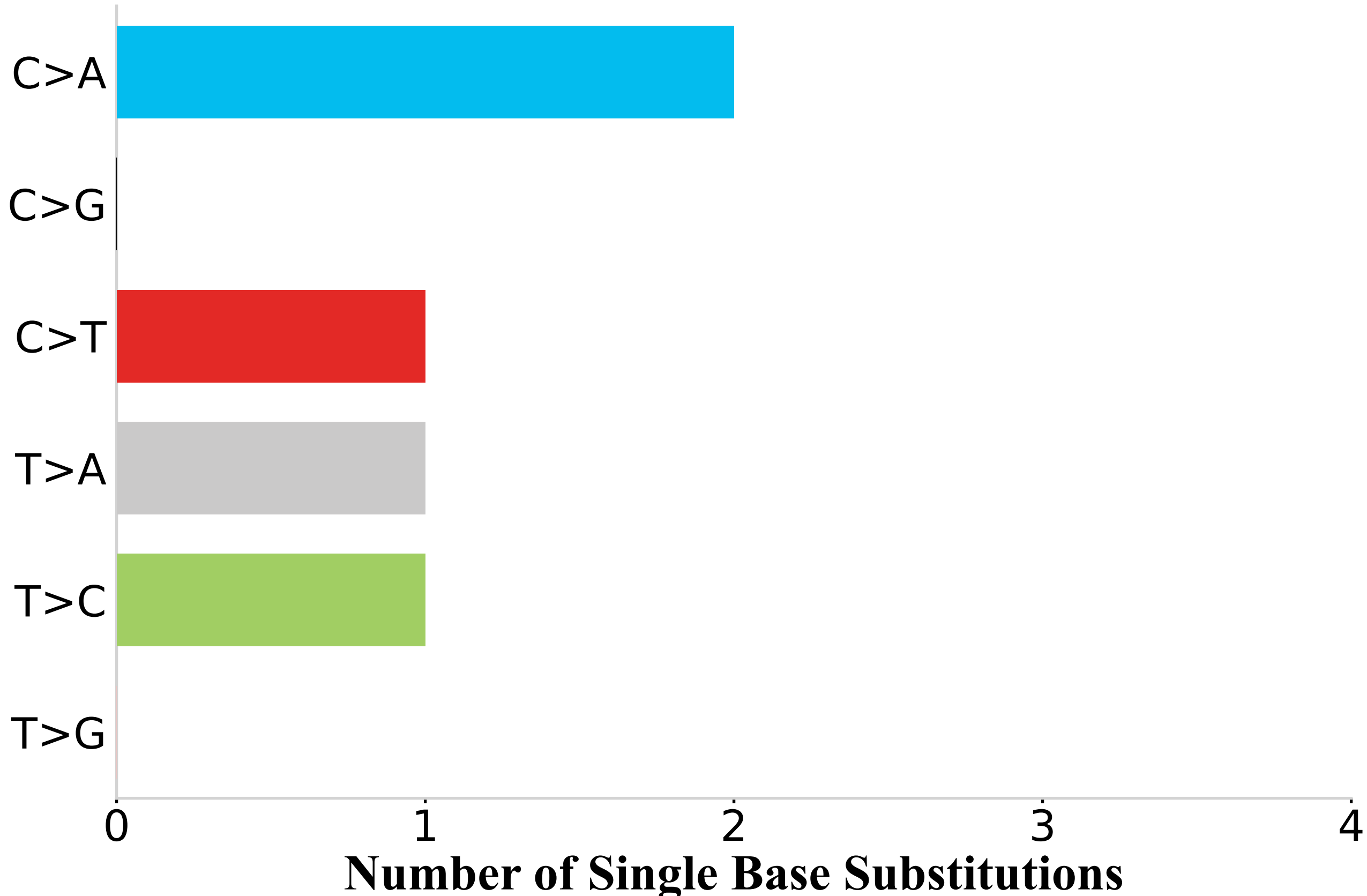
**P-0029511-T01-IM6: 2 subs**



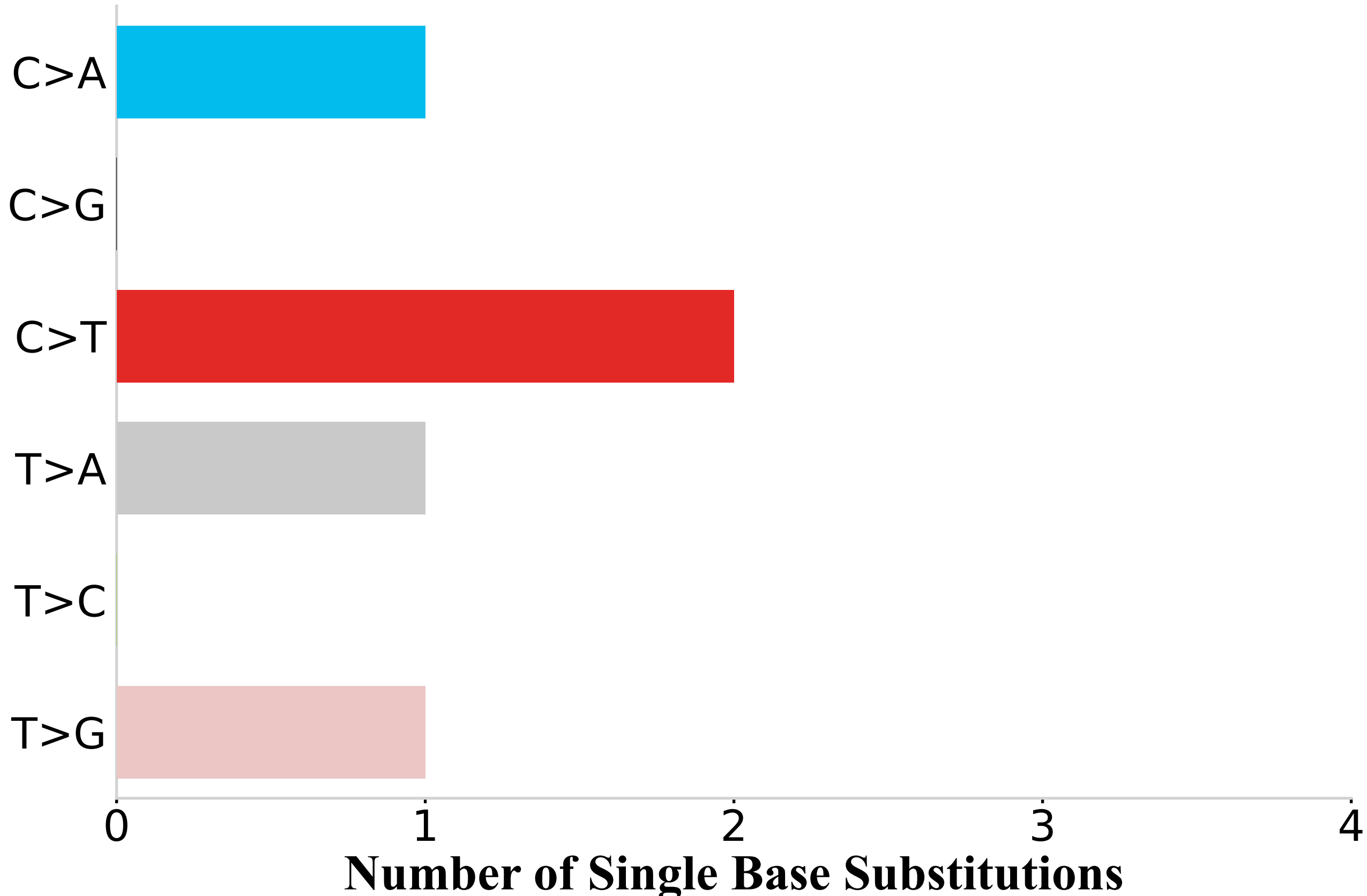
**P-0029552-T01-IM6: 2 subs**



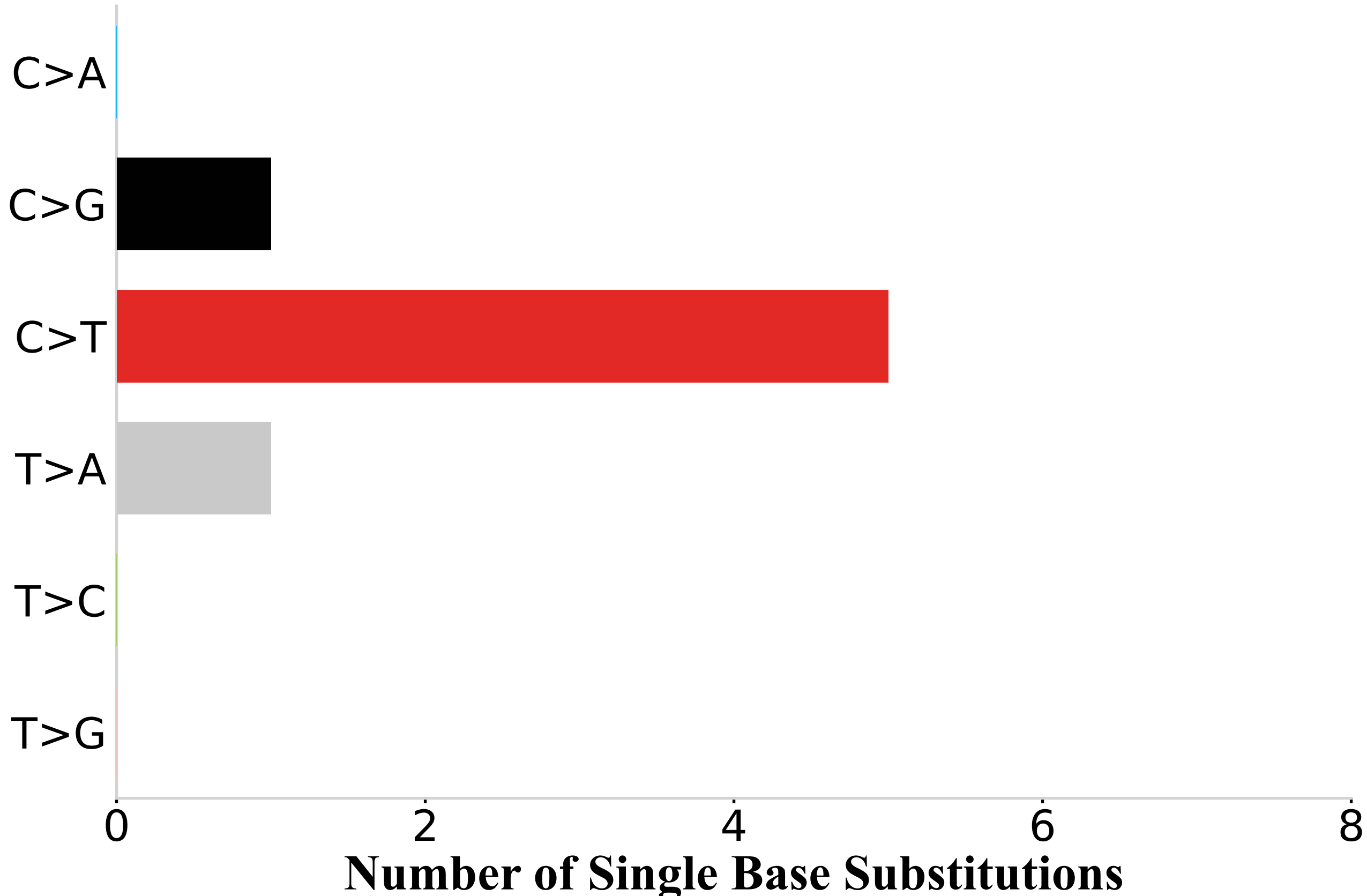
**P-0029851-T01-IM6: 5 subs**



**P-0030703-T01-IM6: 5 subs**

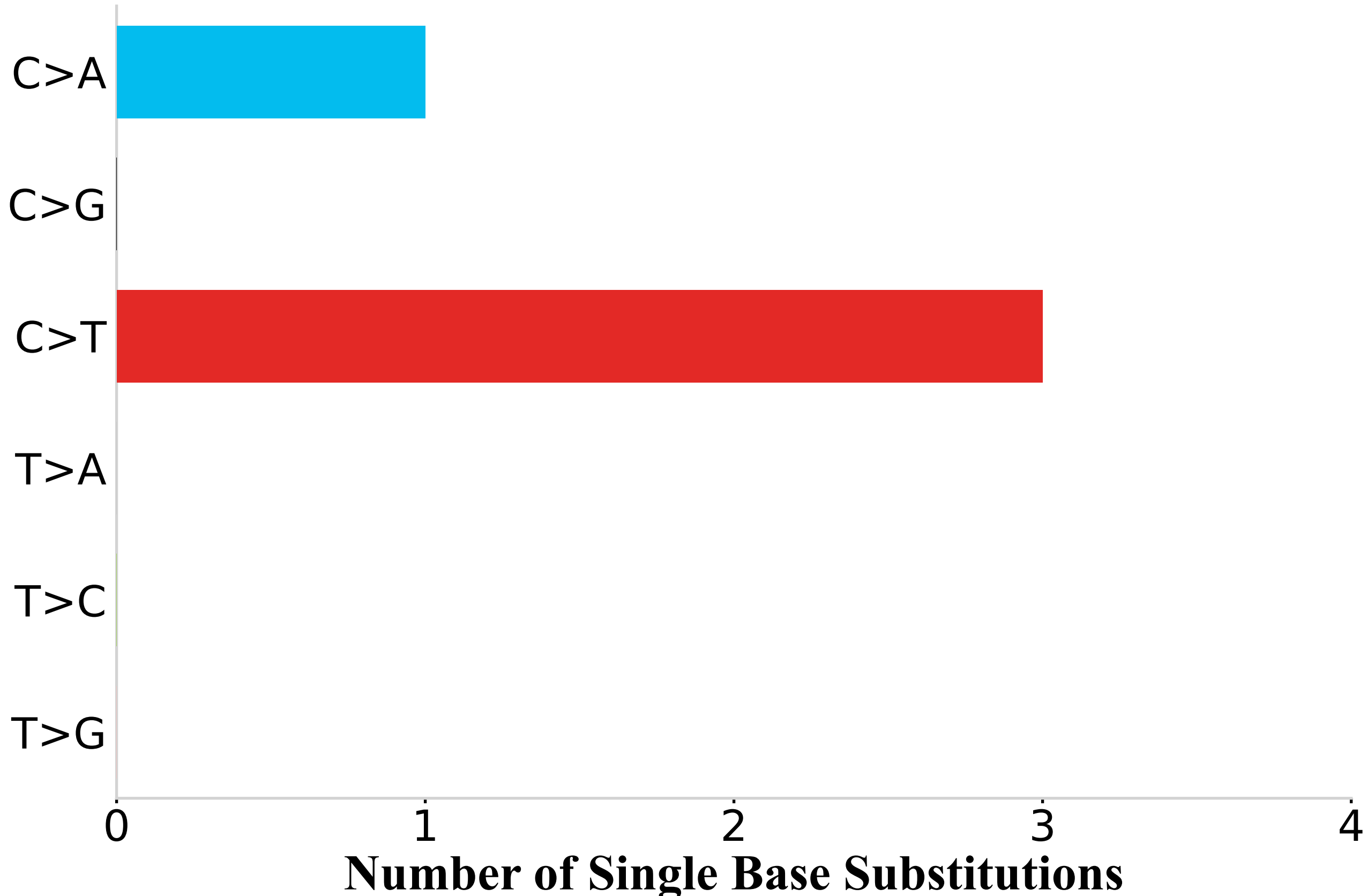


**P-0030739-T01-IM6: 7 subs**

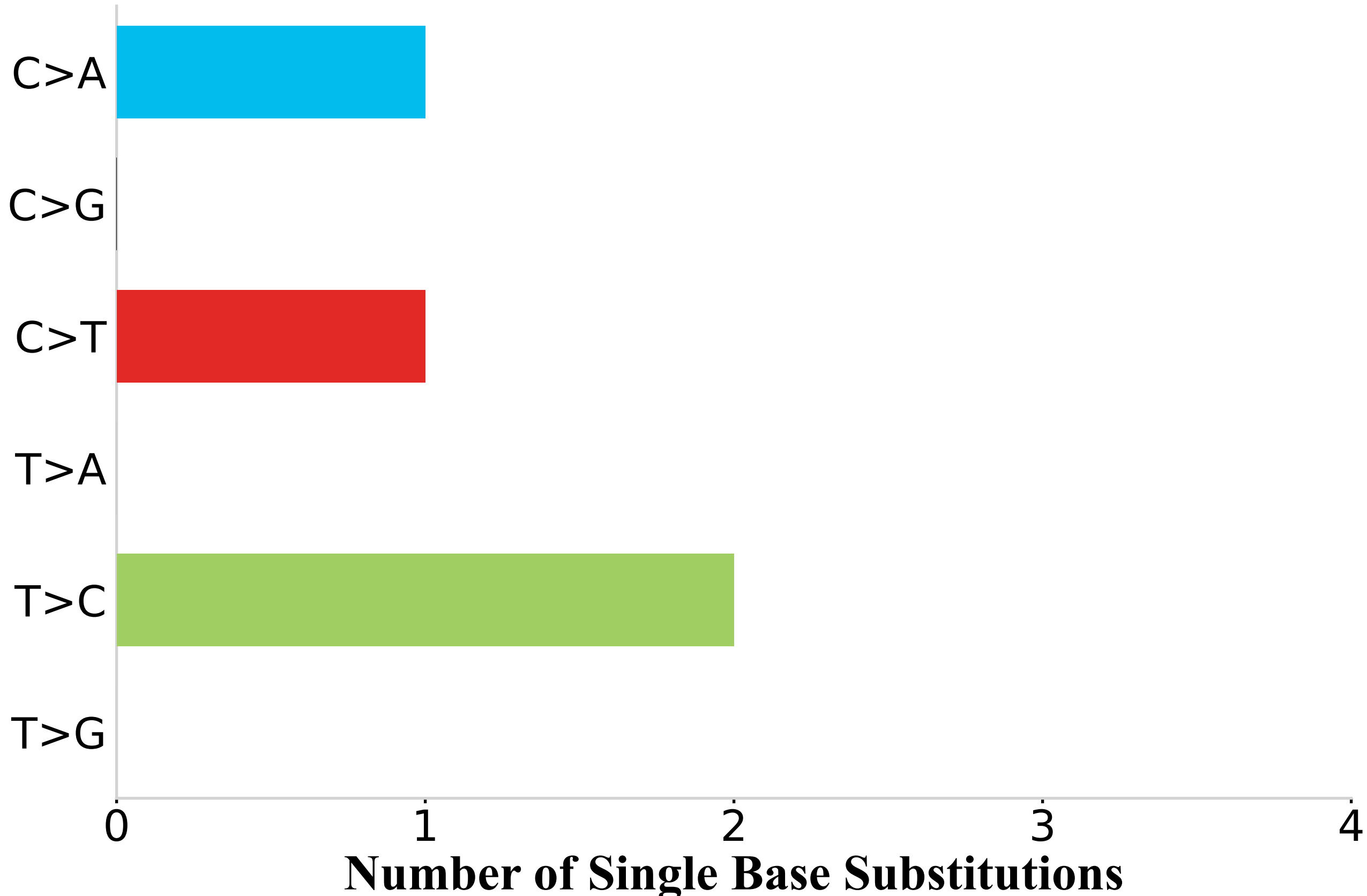




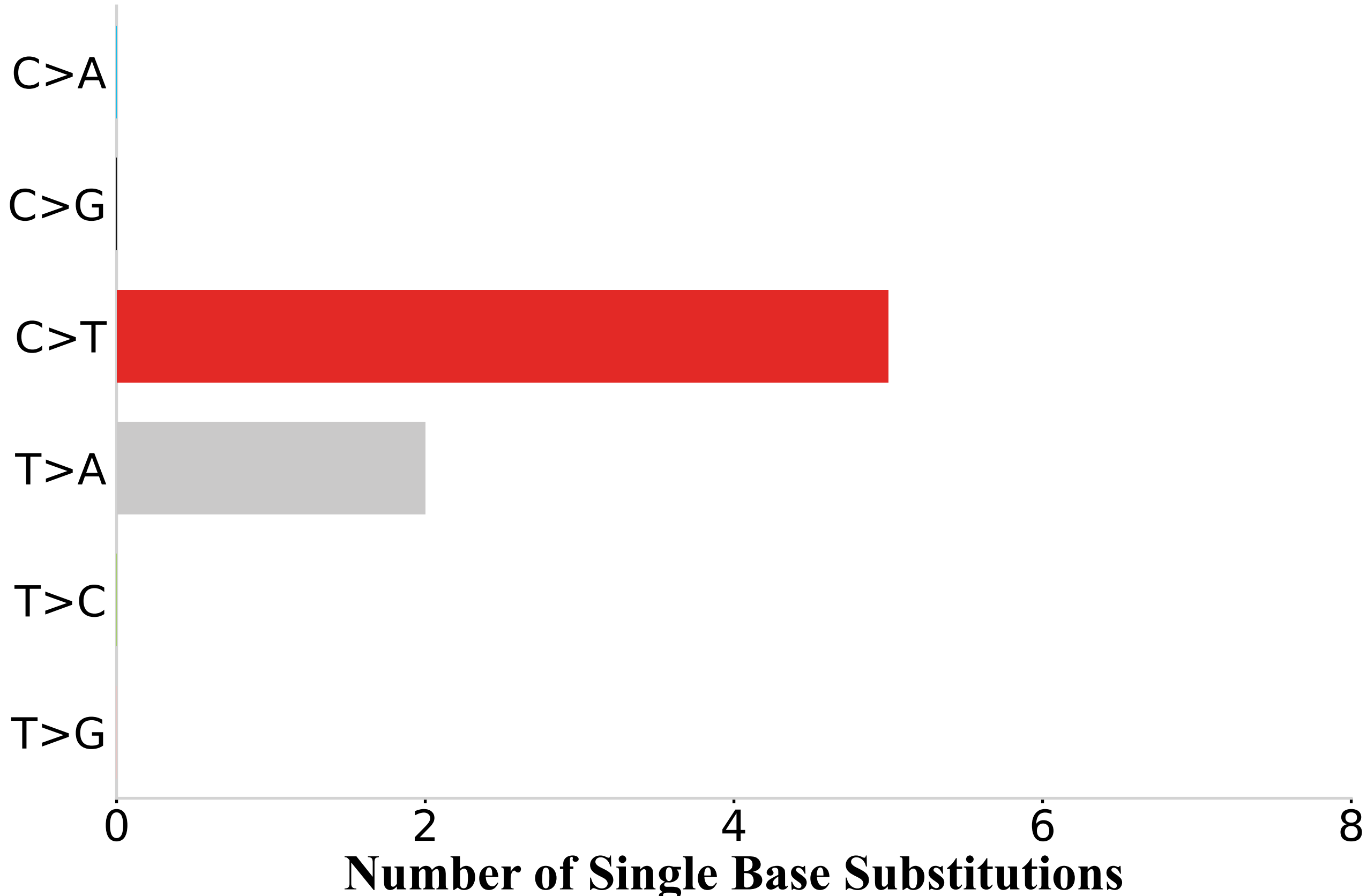
**P-0031056-T01-IM6: 4 subs**



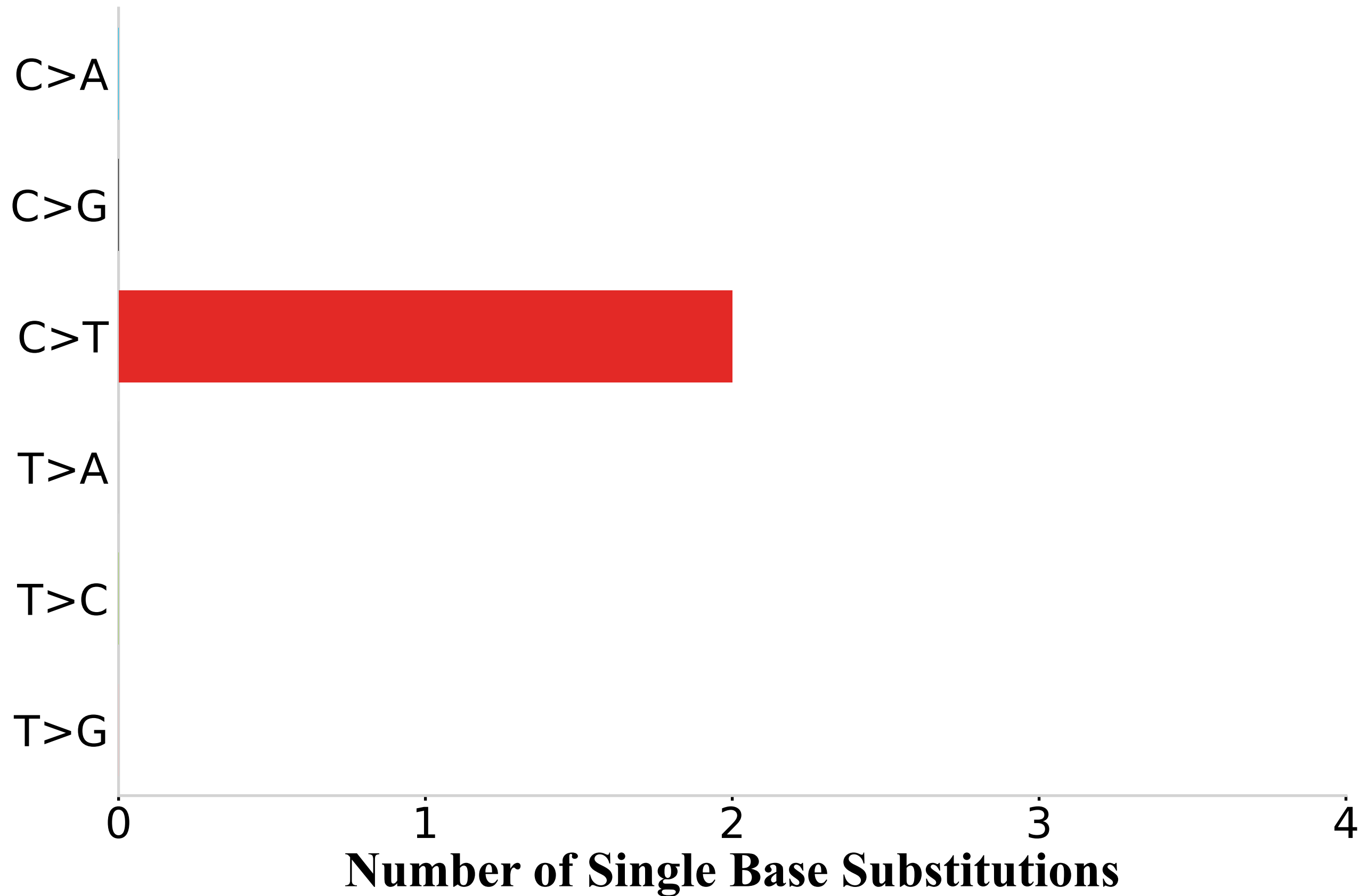
**P-0031417-T01-IM6: 4 subs**



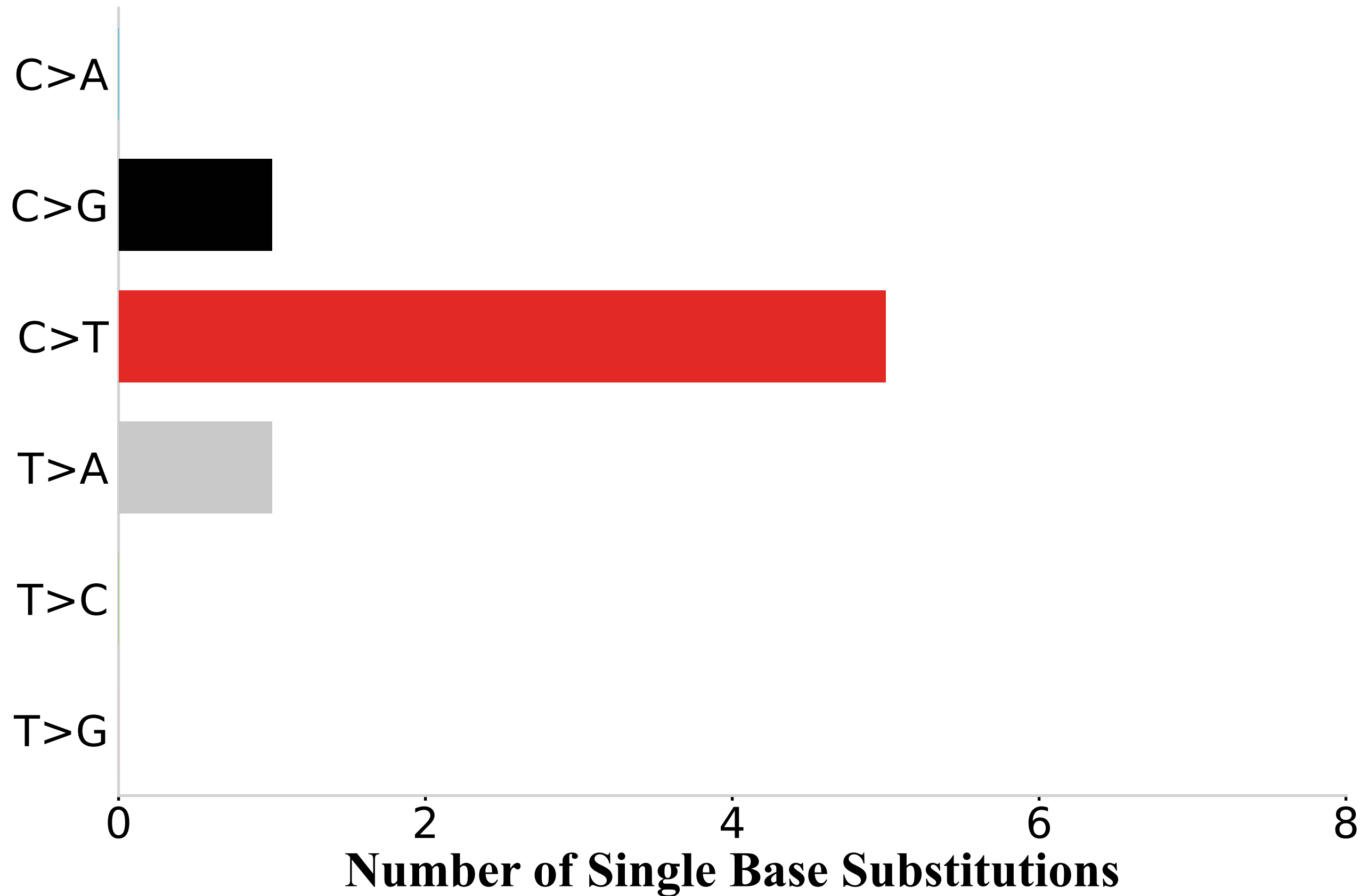
**P-0031497-T01-IM6: 7 subs**



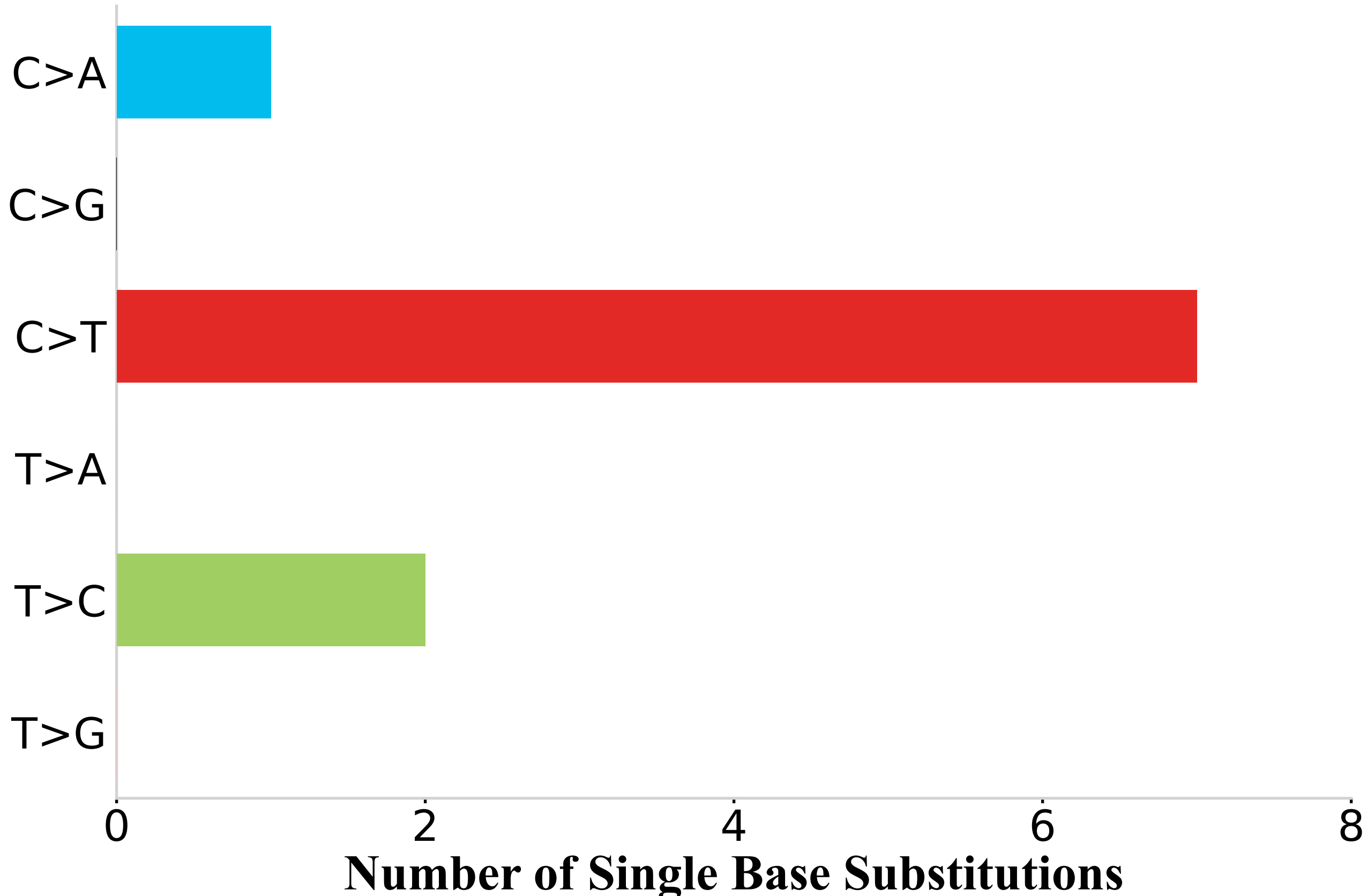
**P-0031913-T01-IM6: 2 subs**



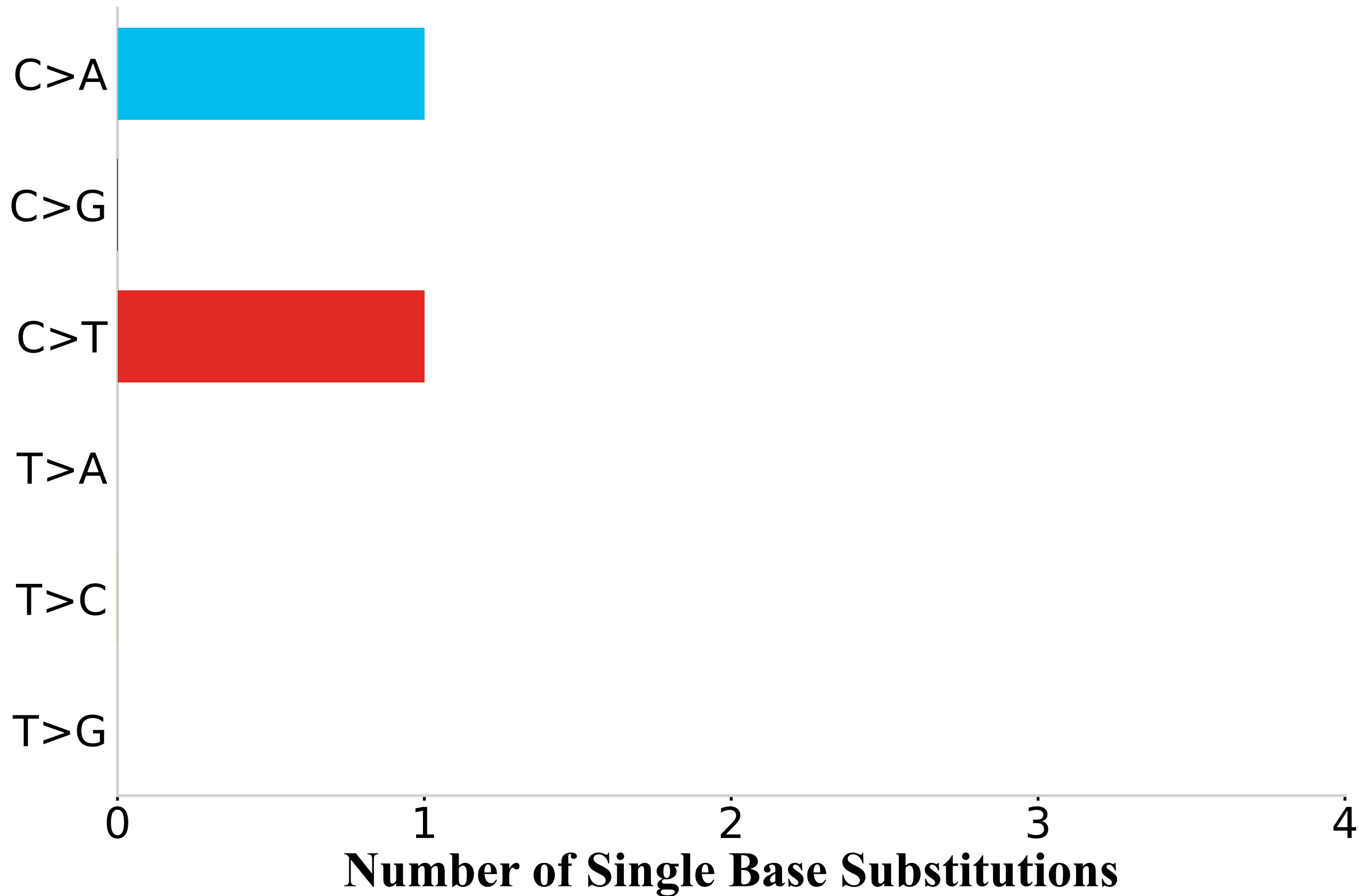
**P-0032042-T01-IM6: 7 subs**



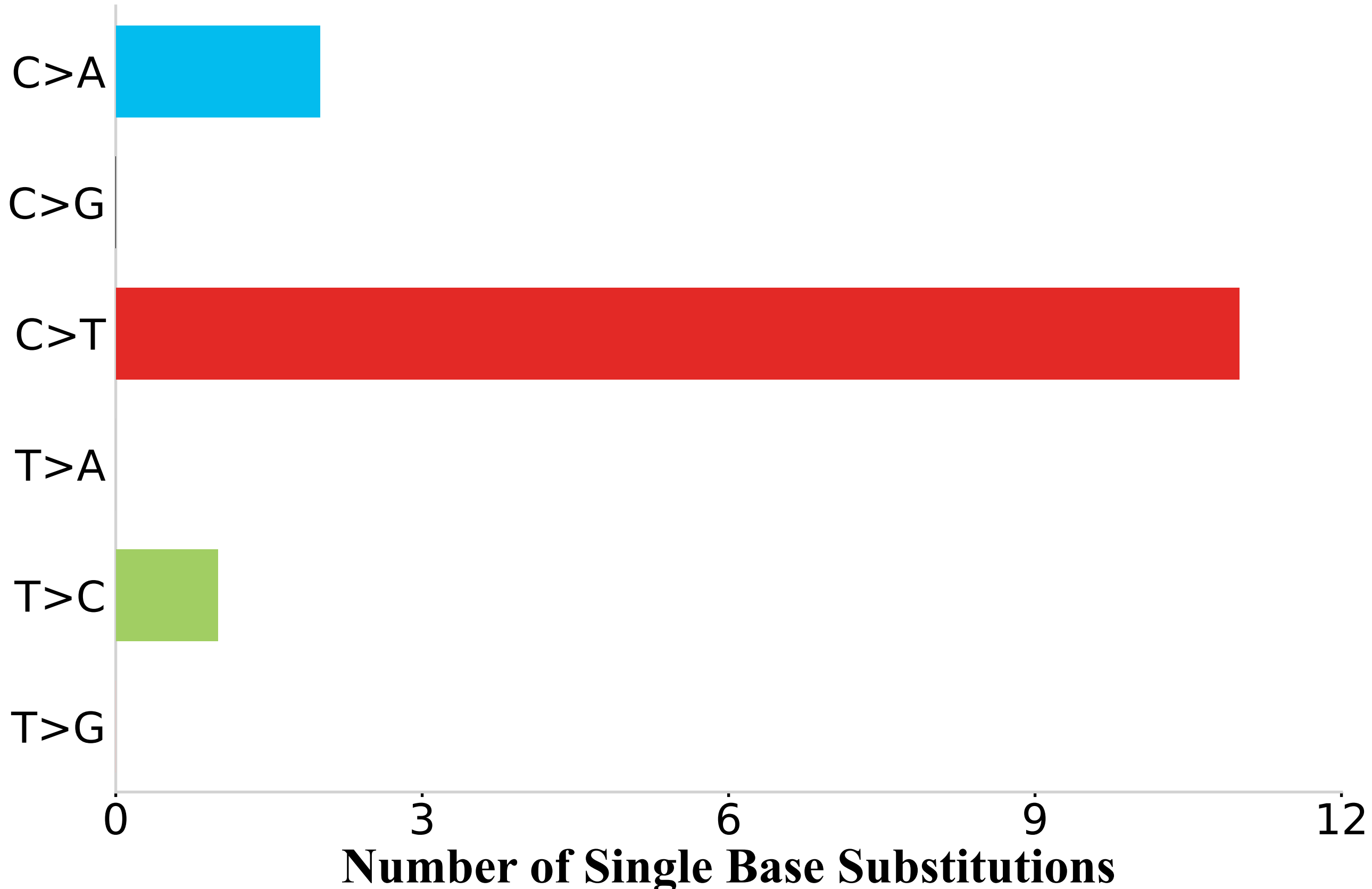
**P-0032135-T01-IM6: 10 subs**



**P-0032140-T01-IM6: 2 subs**

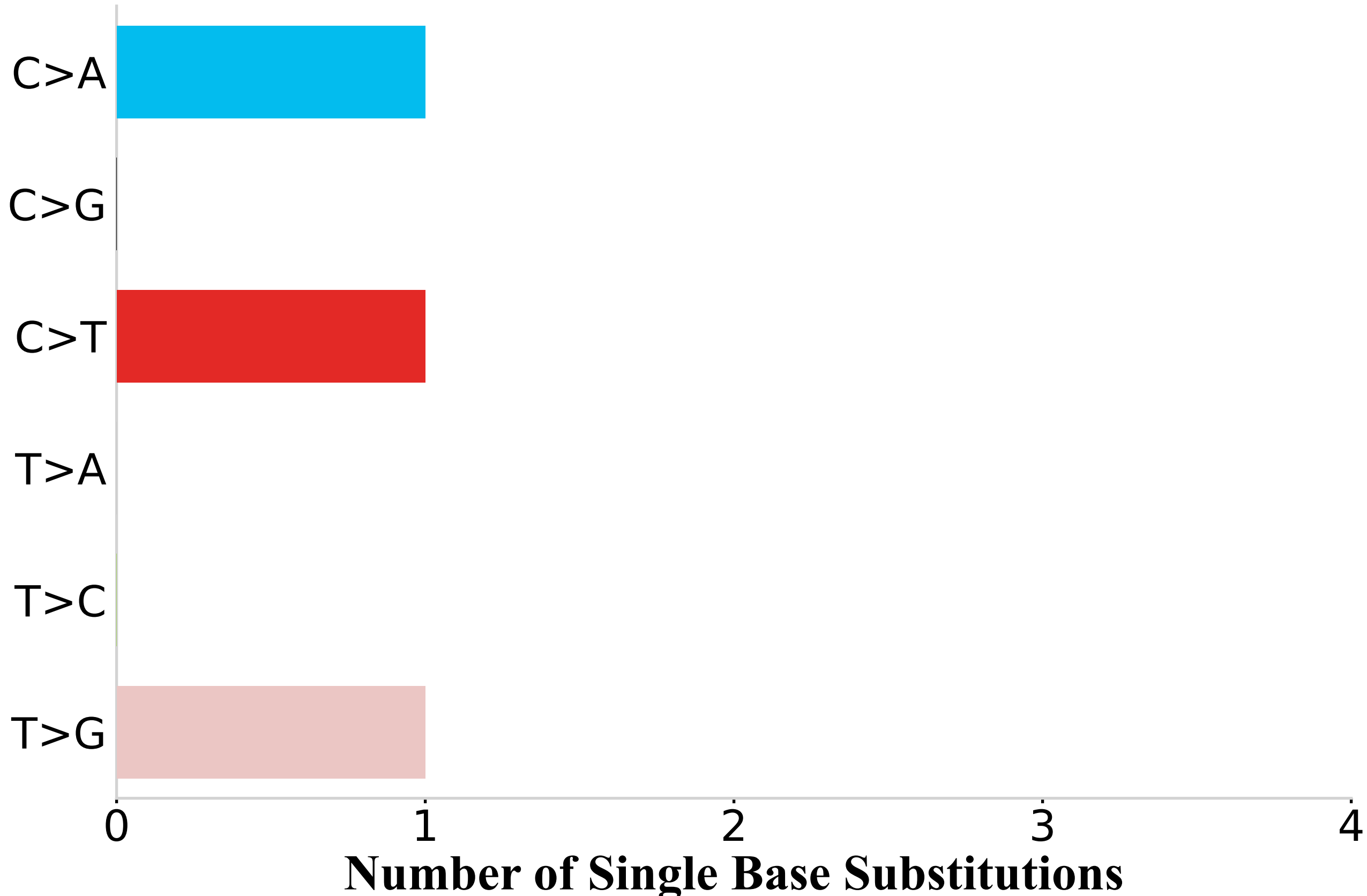


**P-0032176-T01-IM6: 14 subs**

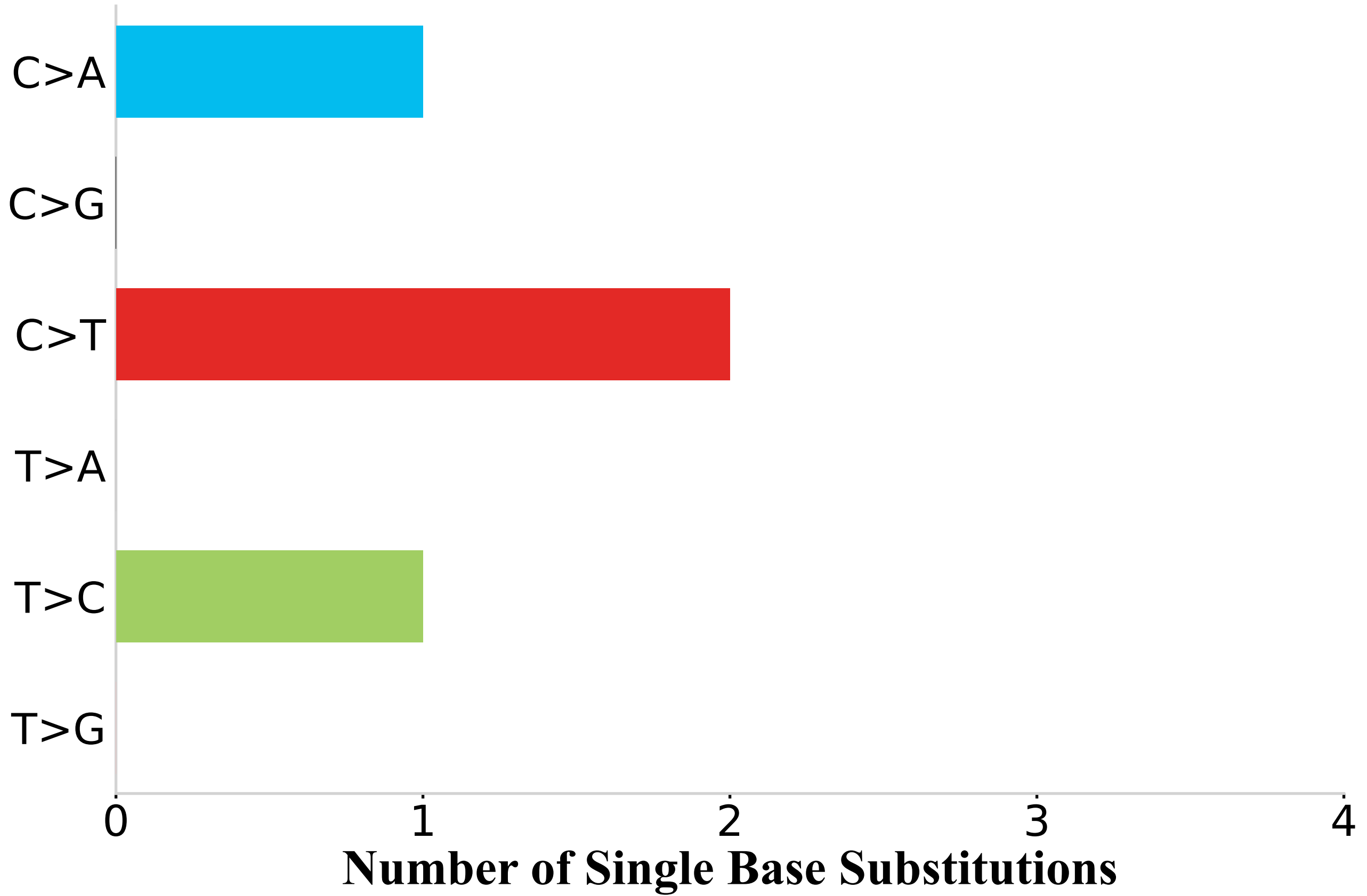




**P-0032498-T01-IM6: 3 subs**



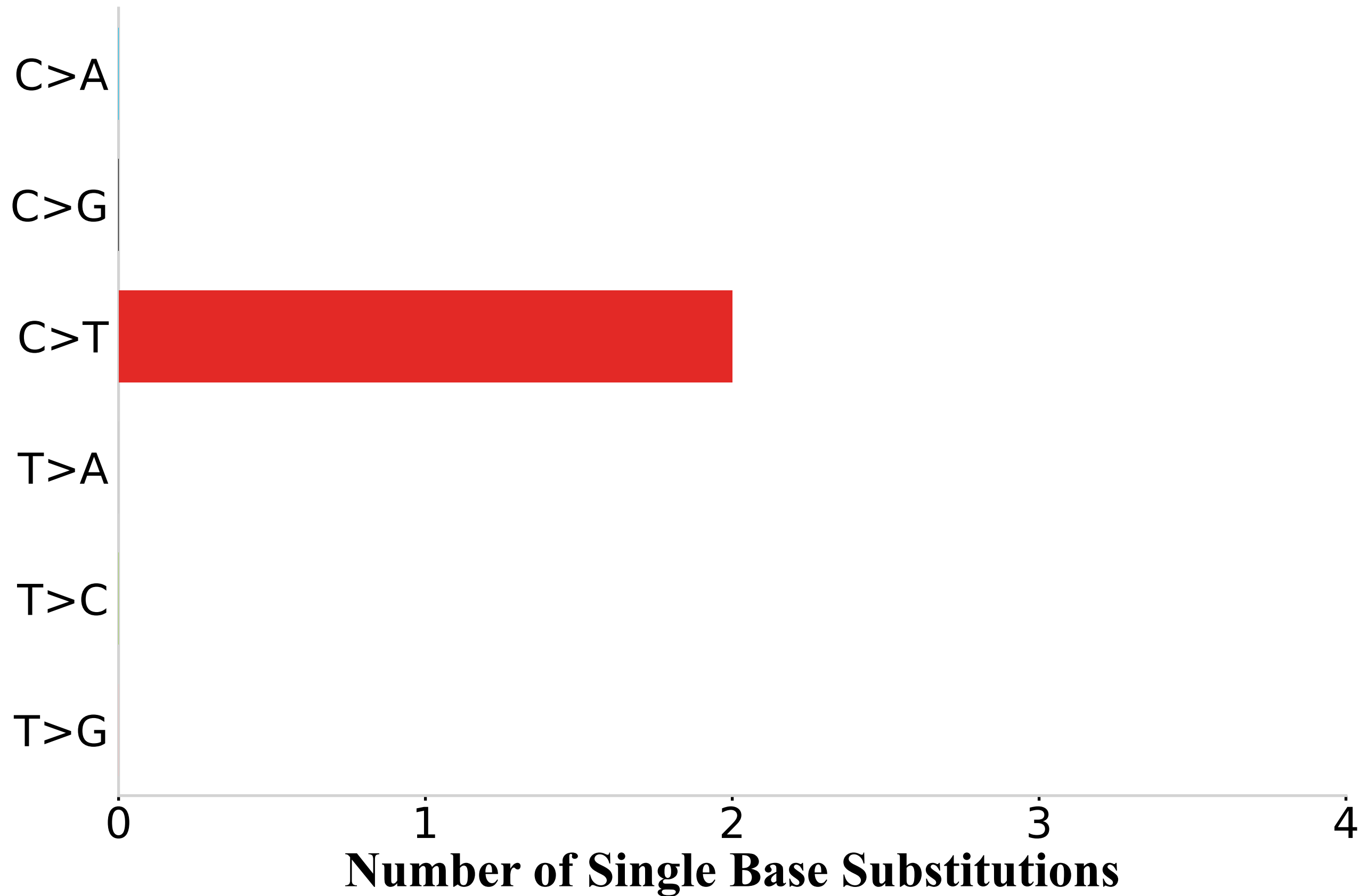
**P-0033011-T01-IM6: 4 subs**



**P-0033344-T01-IM6: 1 subs**



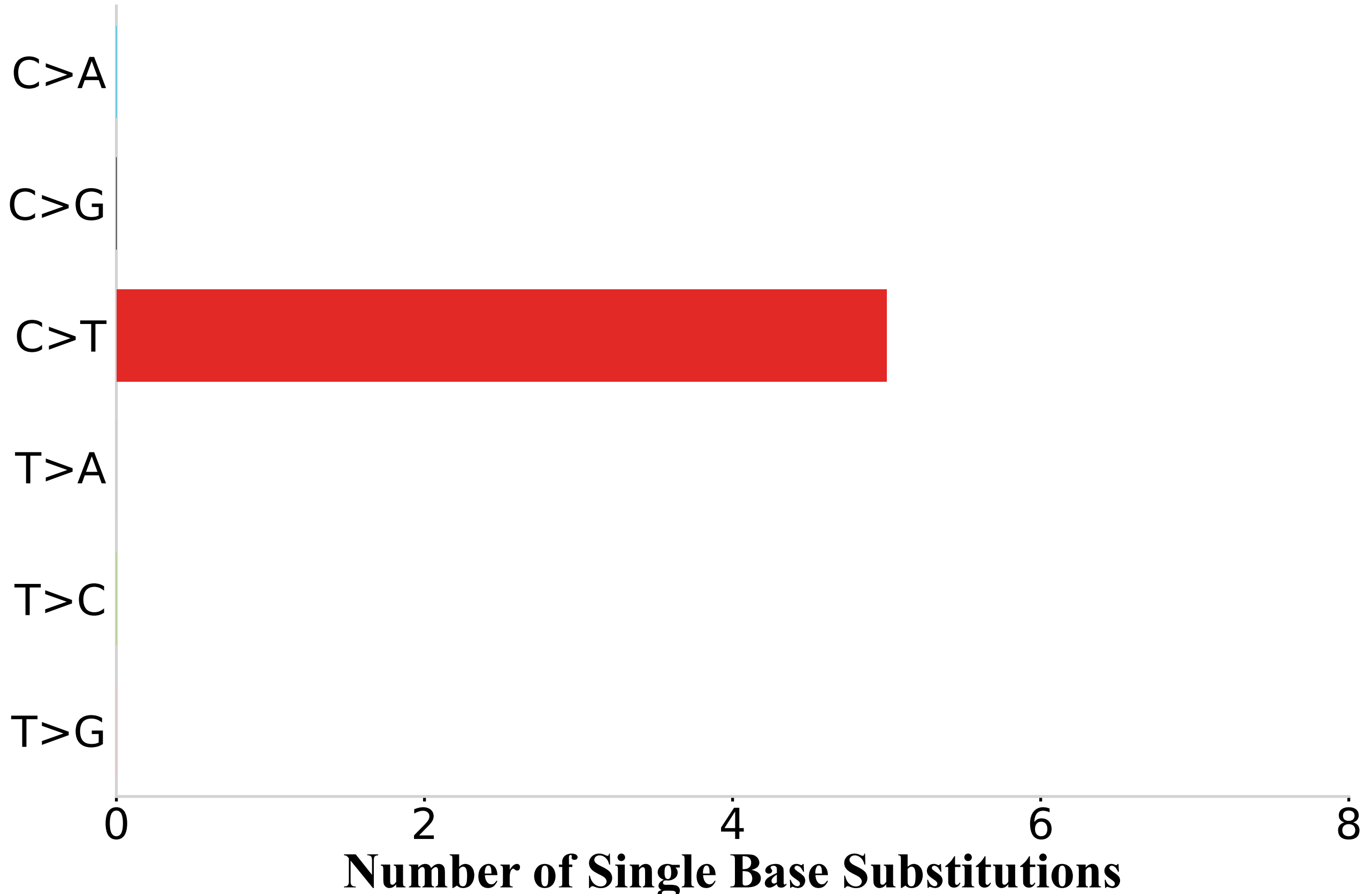
**P-0033680-T01-IM6: 2 subs**



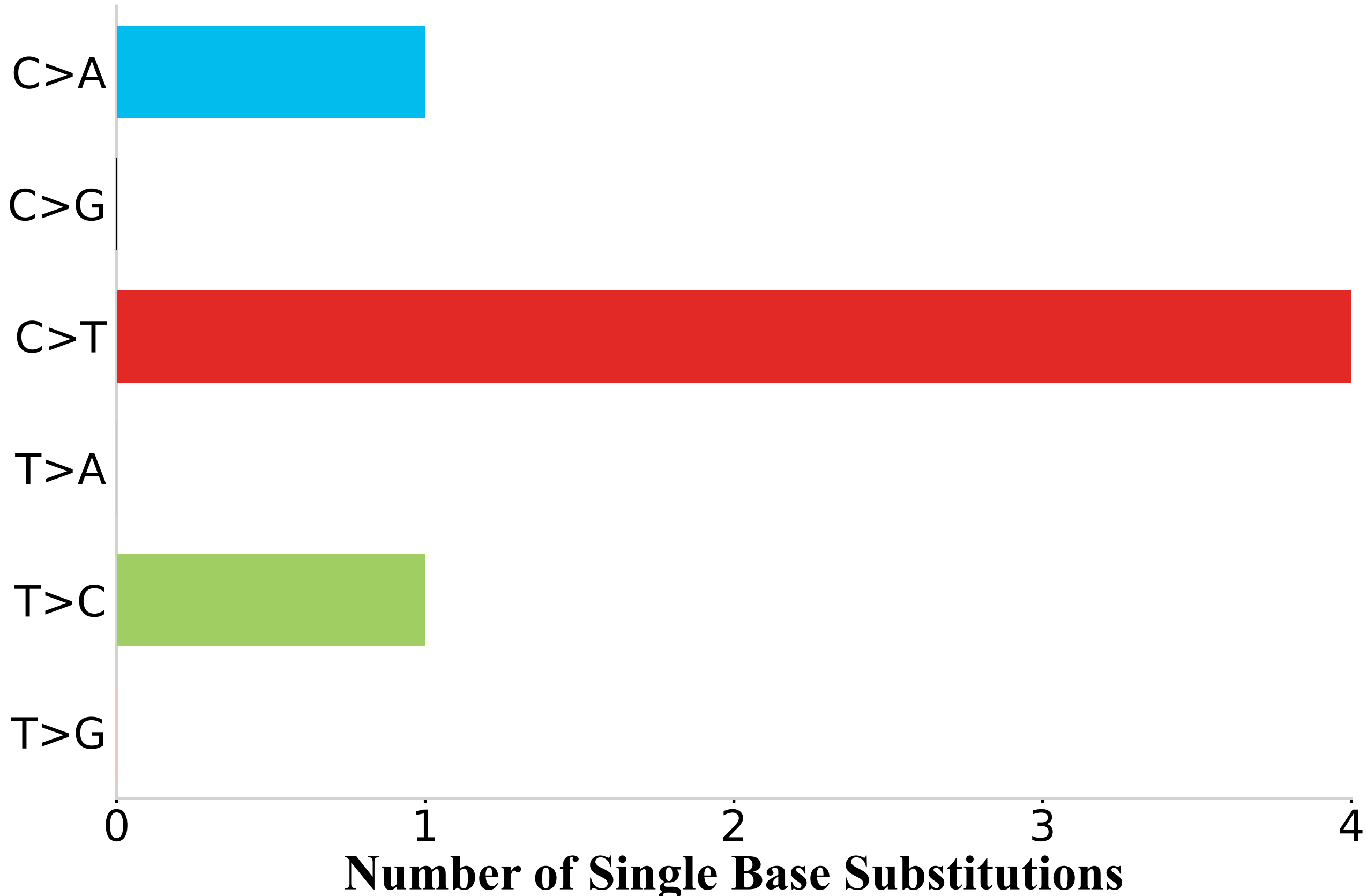
**P-0034466-T01-IM6: 1 subs**



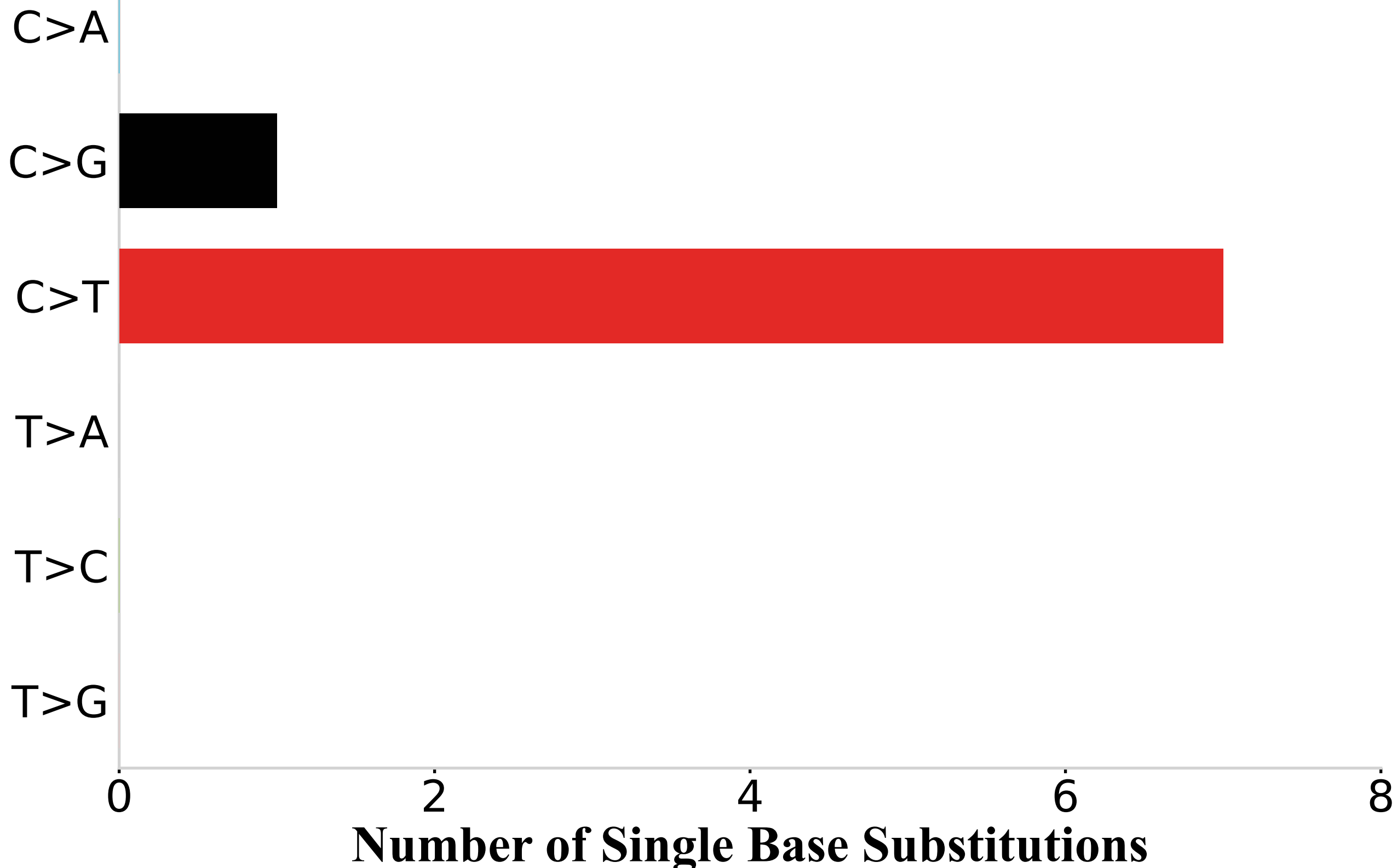
**P-0034626-T01-IM6: 5 subs**



**P-0034667-T01-IM6: 6 subs**

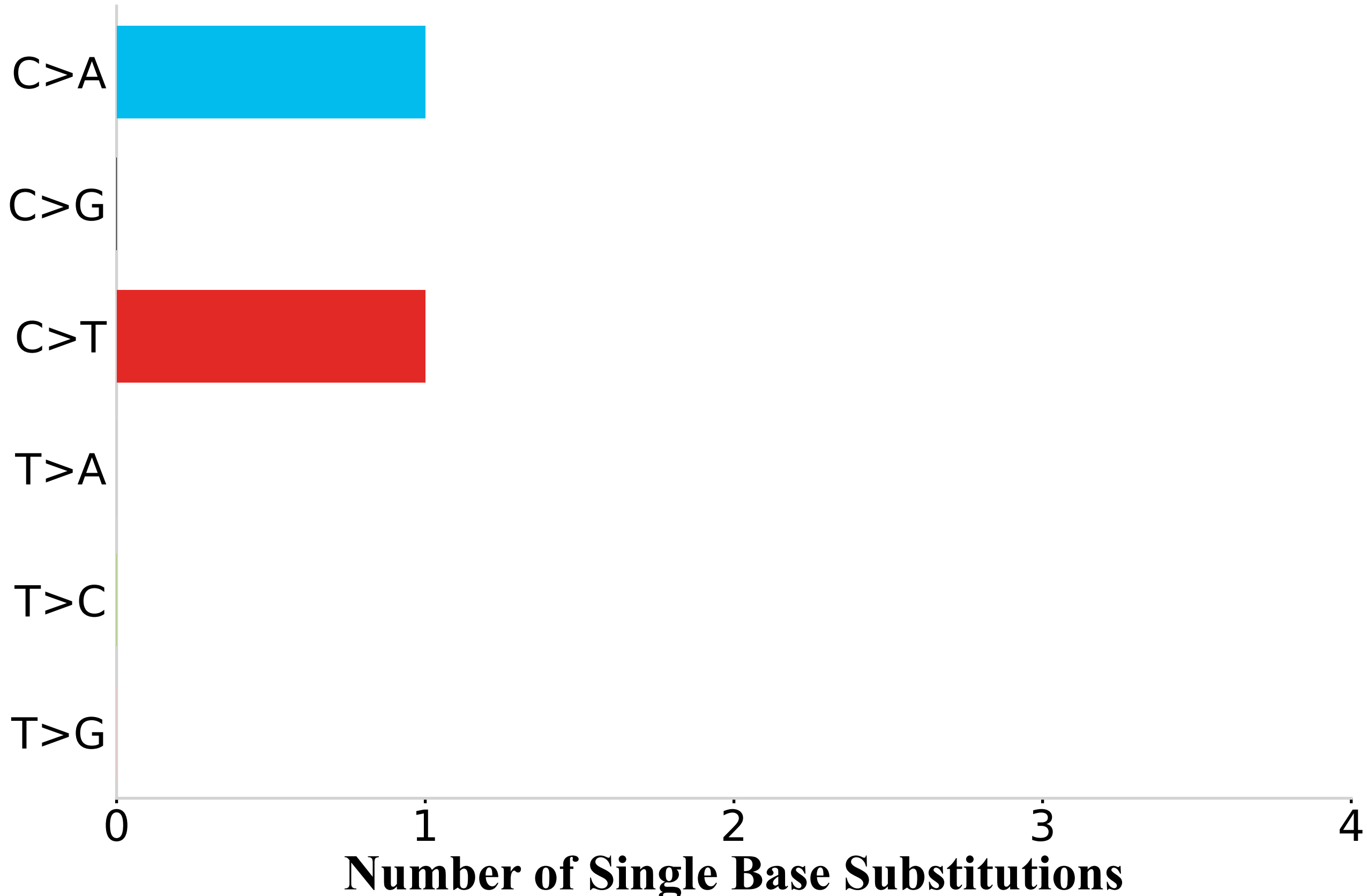


**P-0034770-T01-IM6: 8 subs**

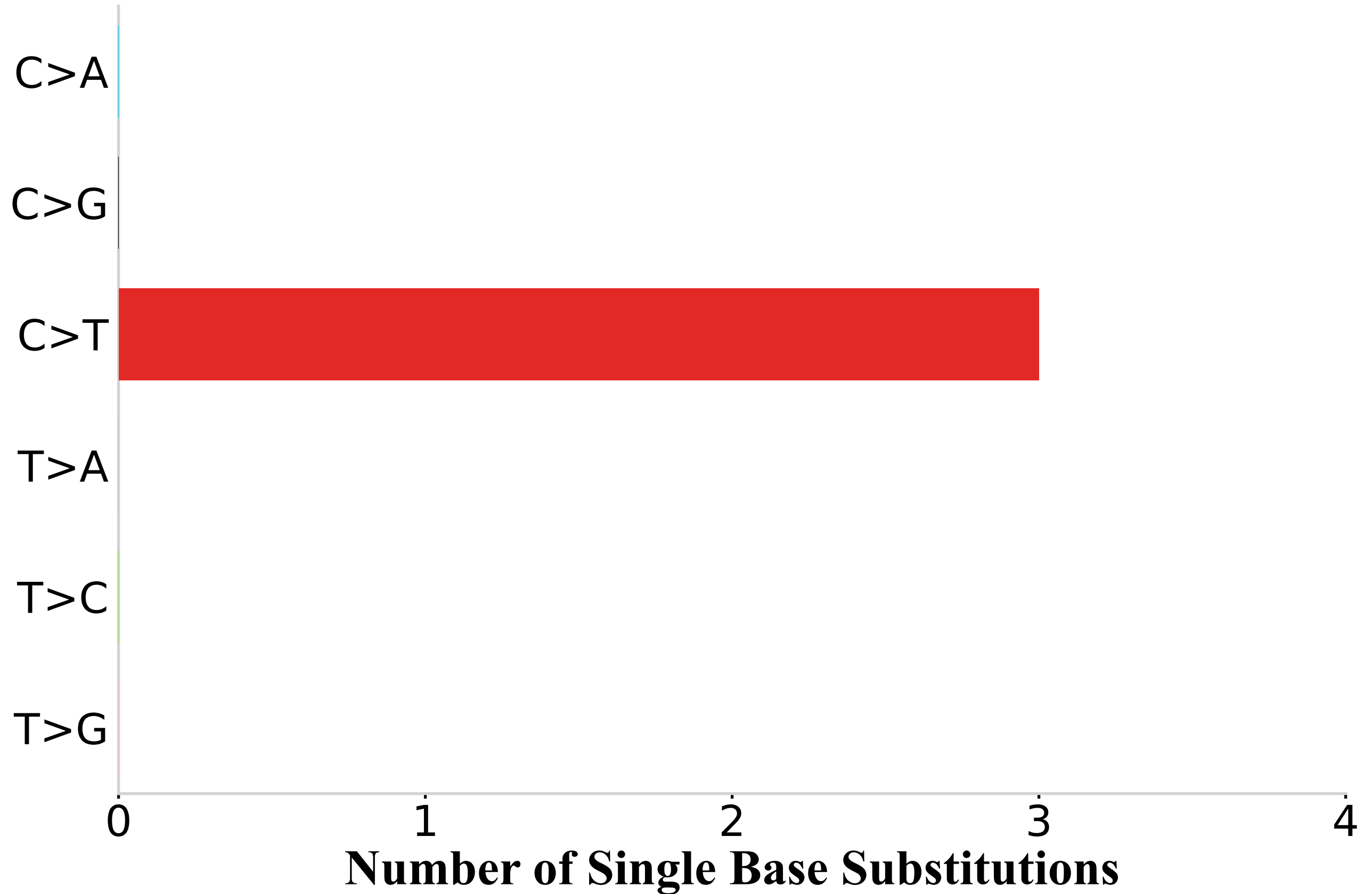




**P-0035749-T01-IM6: 2 subs**



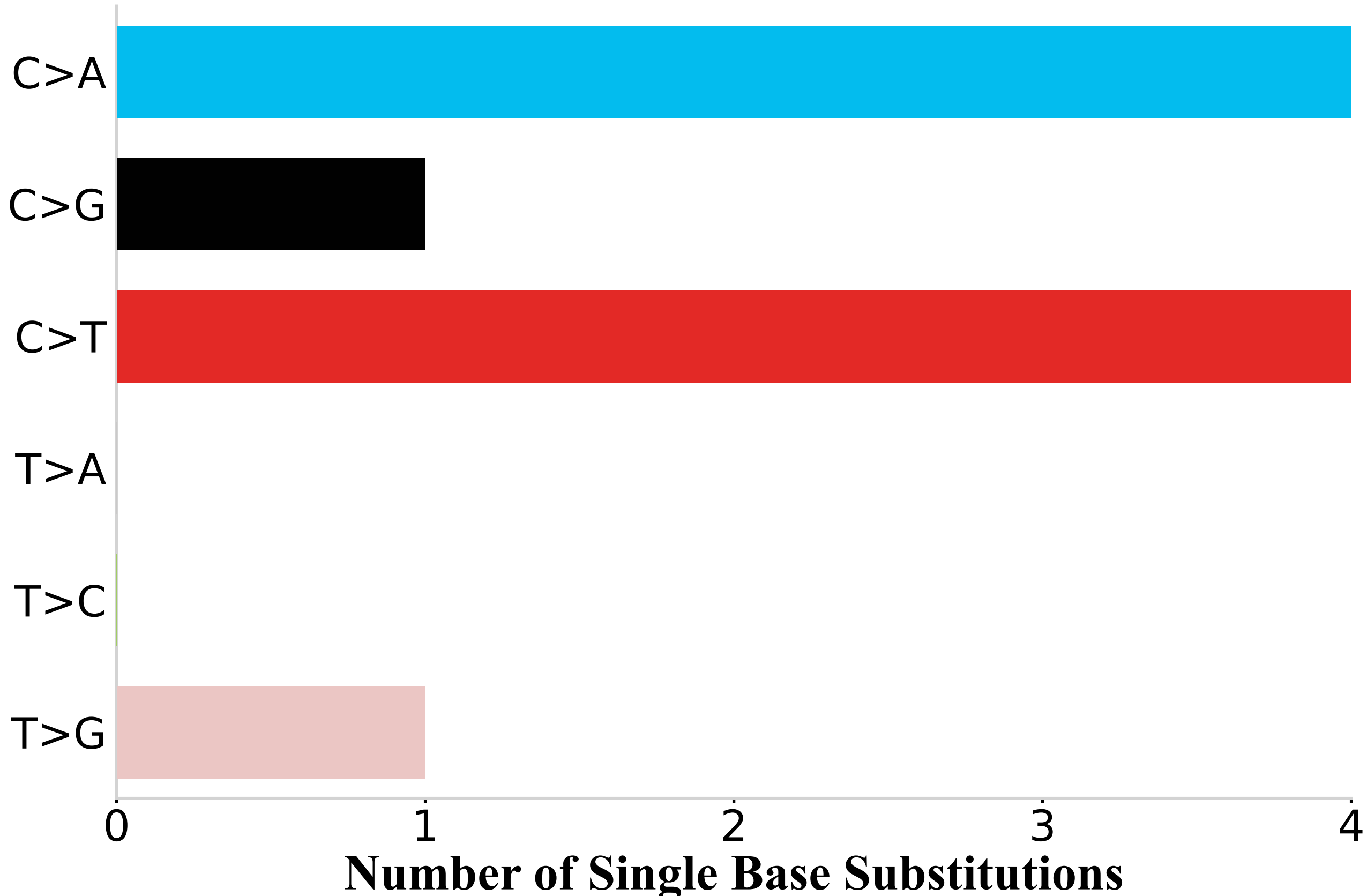
**P-0036299-T01-IM6: 3 subs**



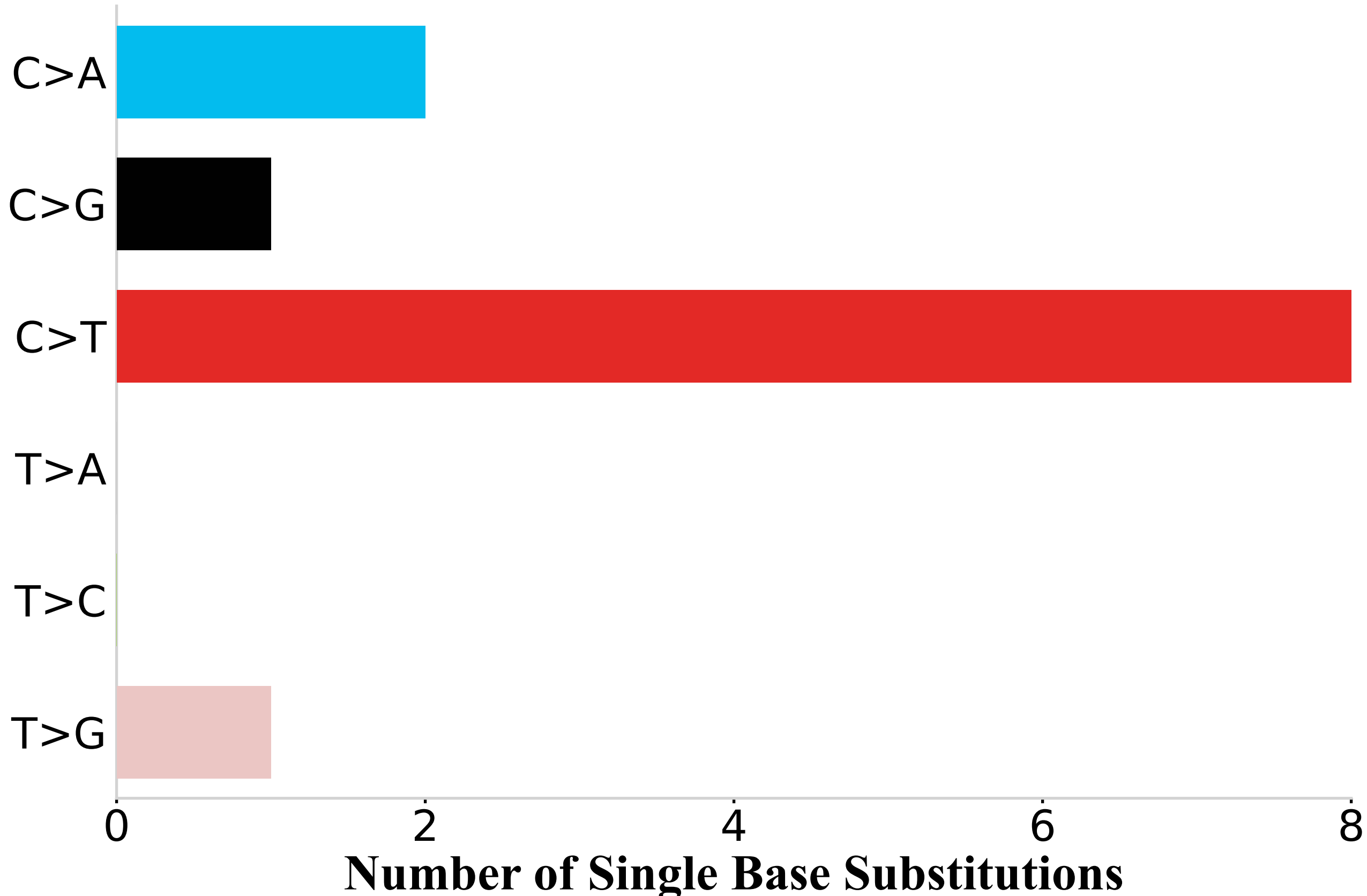
**P-0036745-T02-IM6: 1 subs**



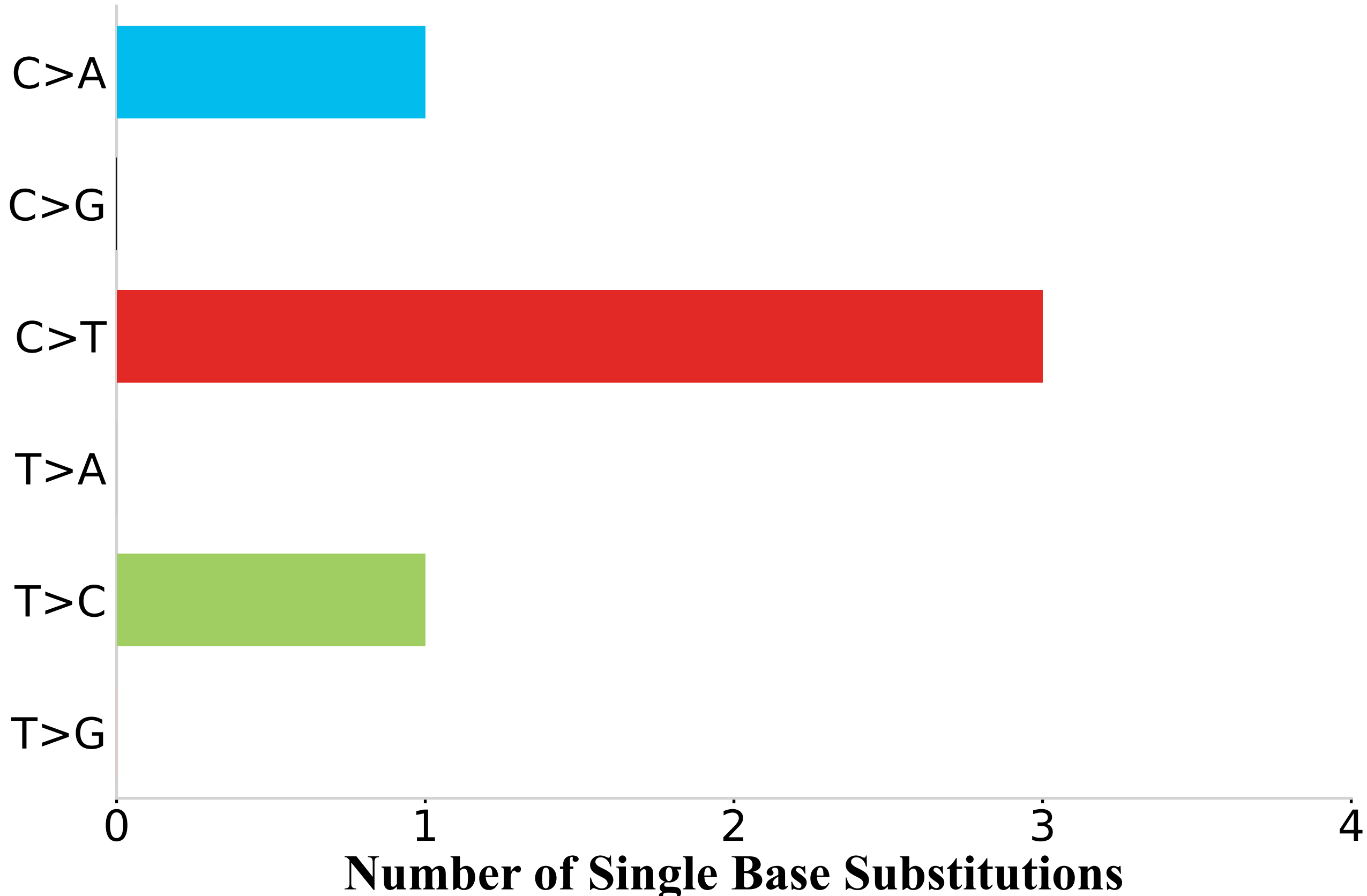
**P-0037220-T01-IM6: 10 subs**



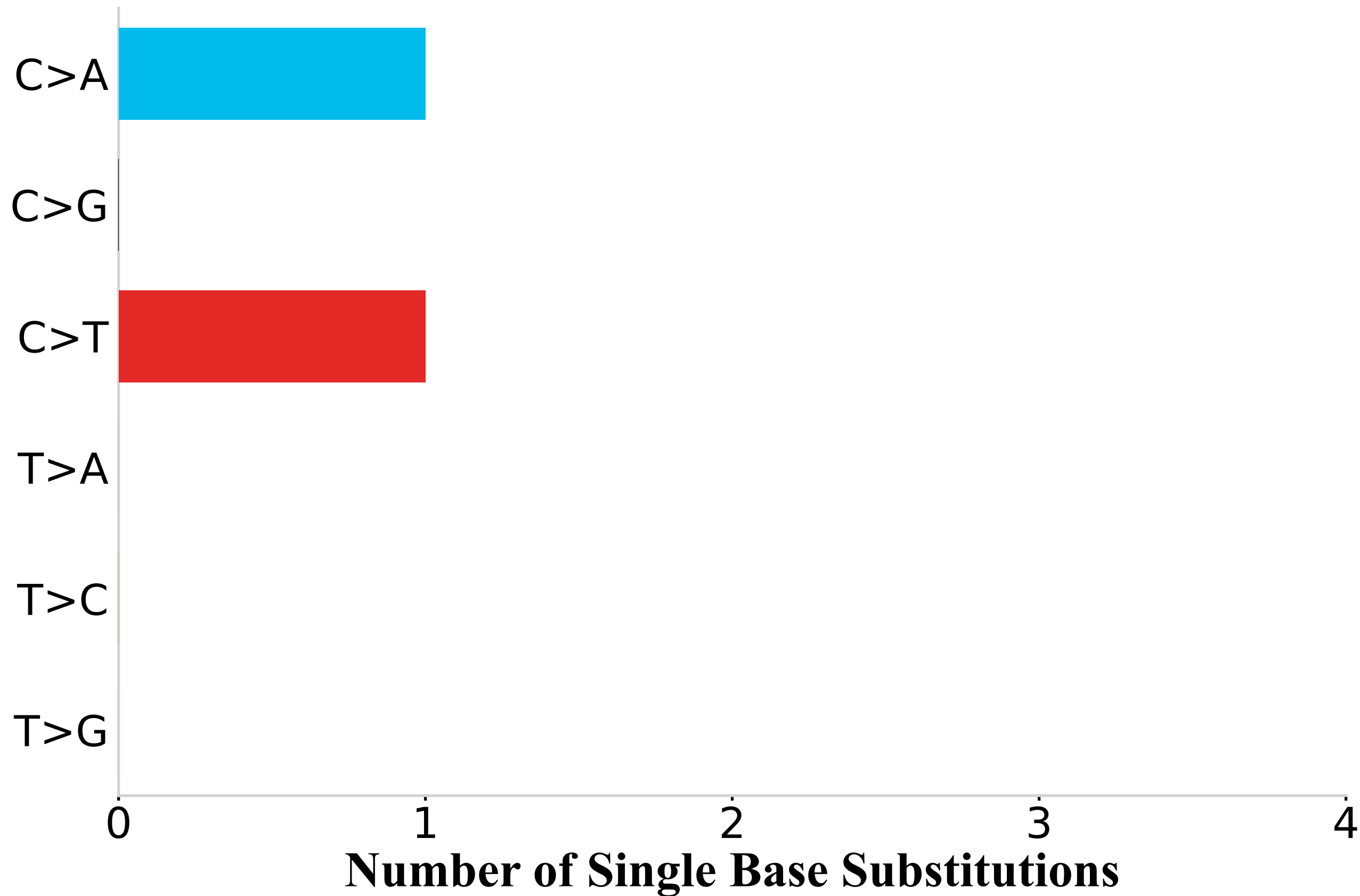
**P-0037278-T01-IM6: 12 subs**



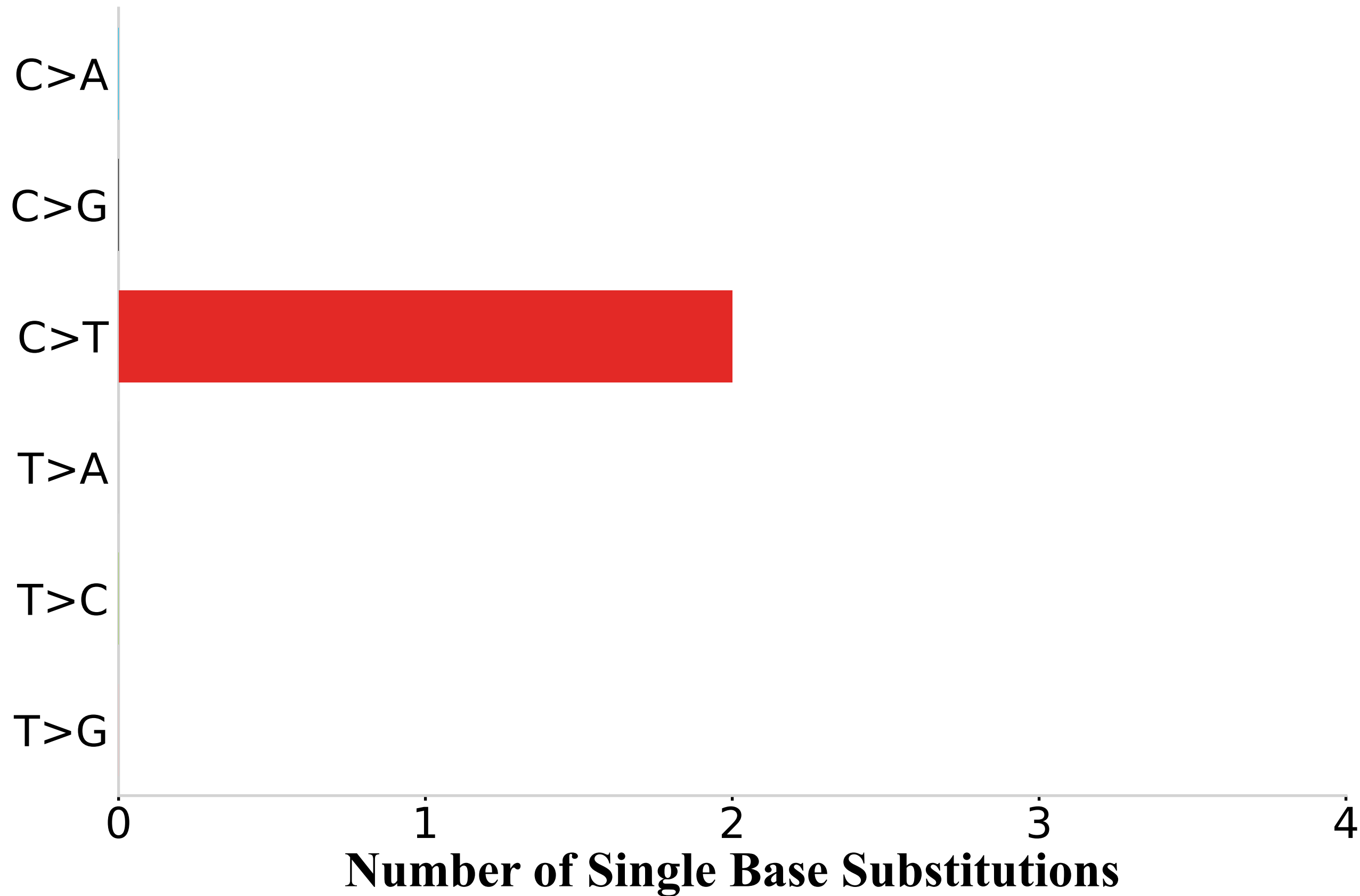
**P-0037573-T01-IM6: 5 subs**



**P-0038242-T01-IM6: 2 subs**

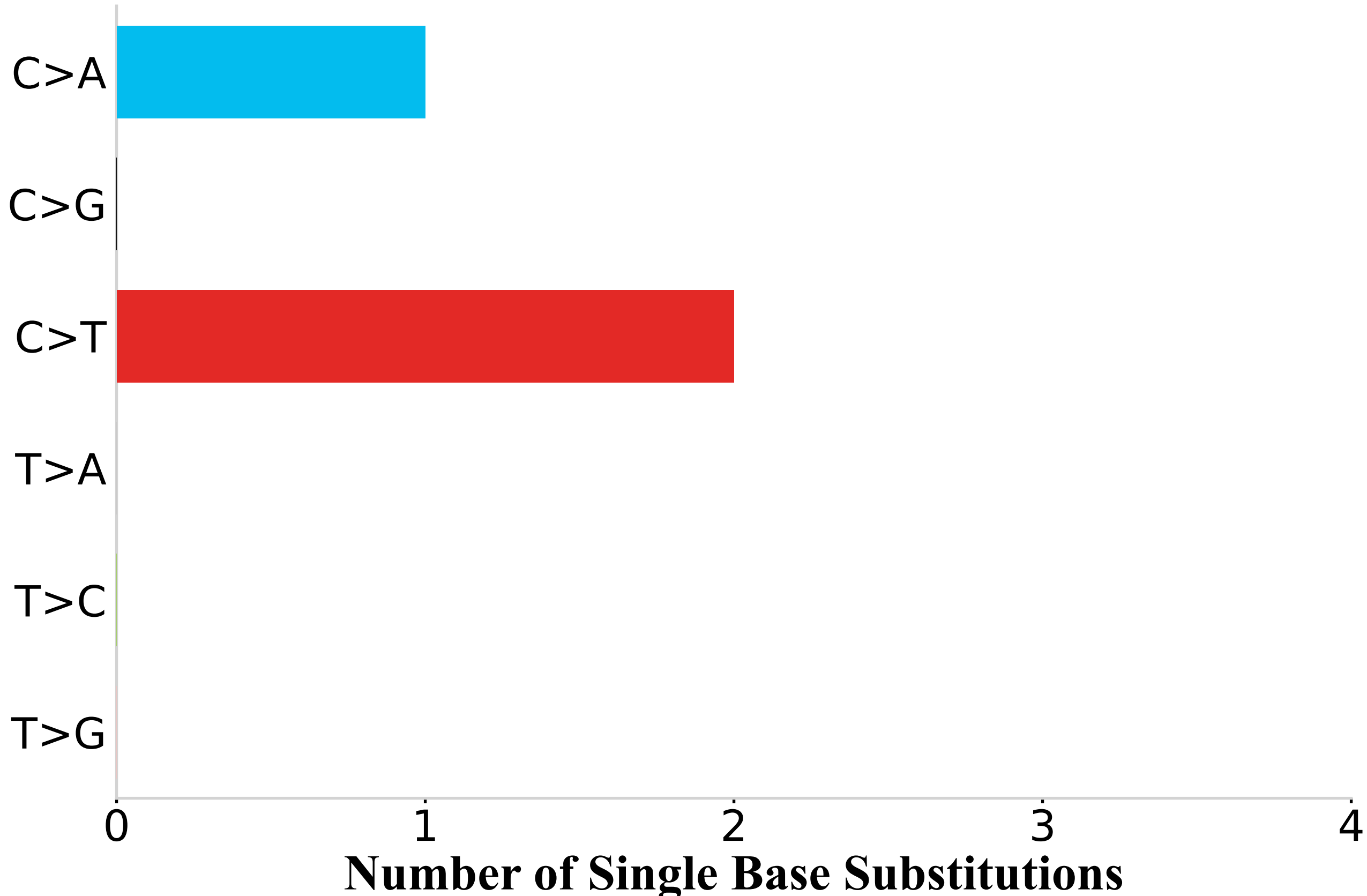


**P-0038339-T01-IM6: 2 subs**

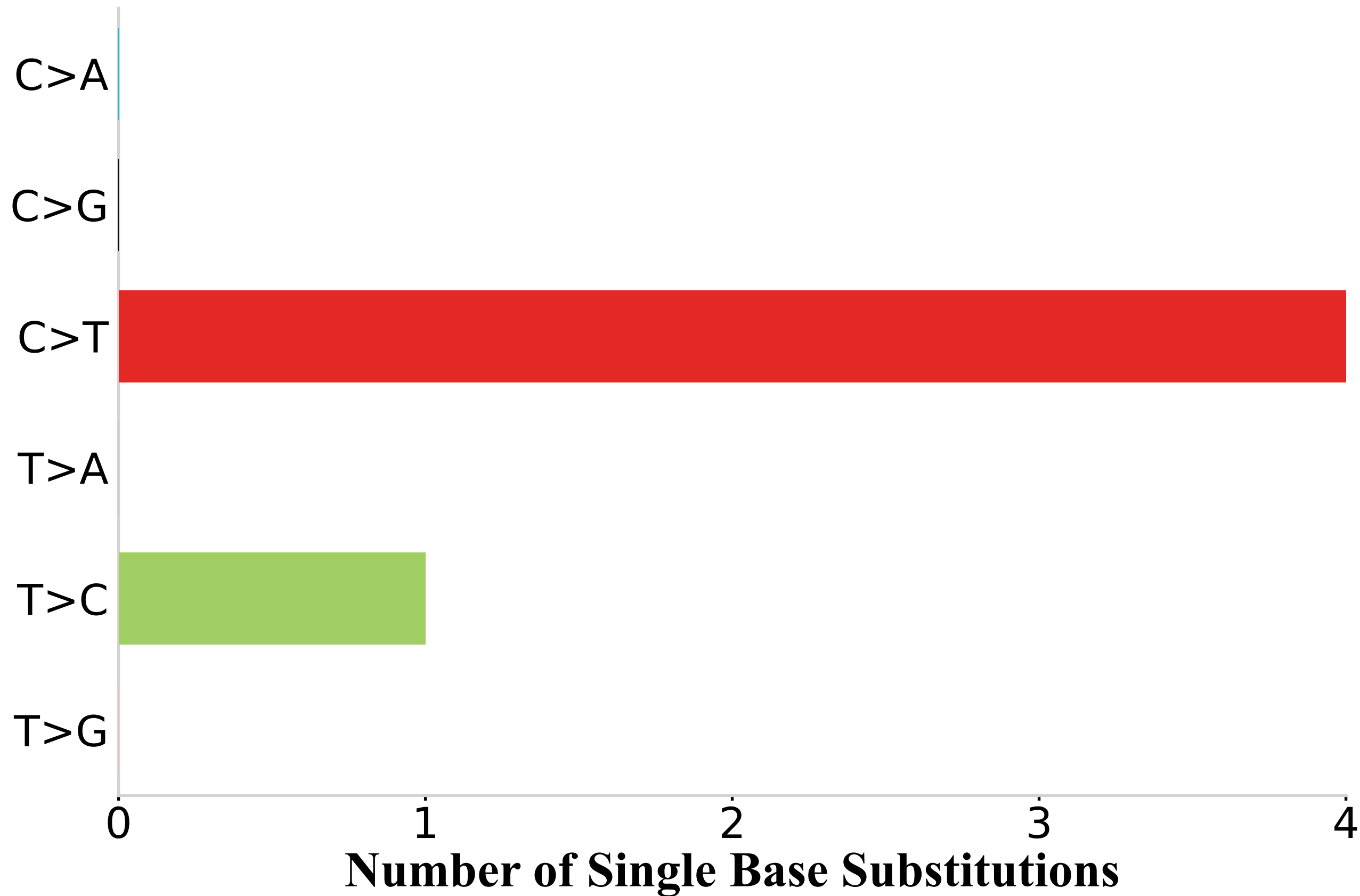




**P-0038512-T01-IM6: 3 subs**



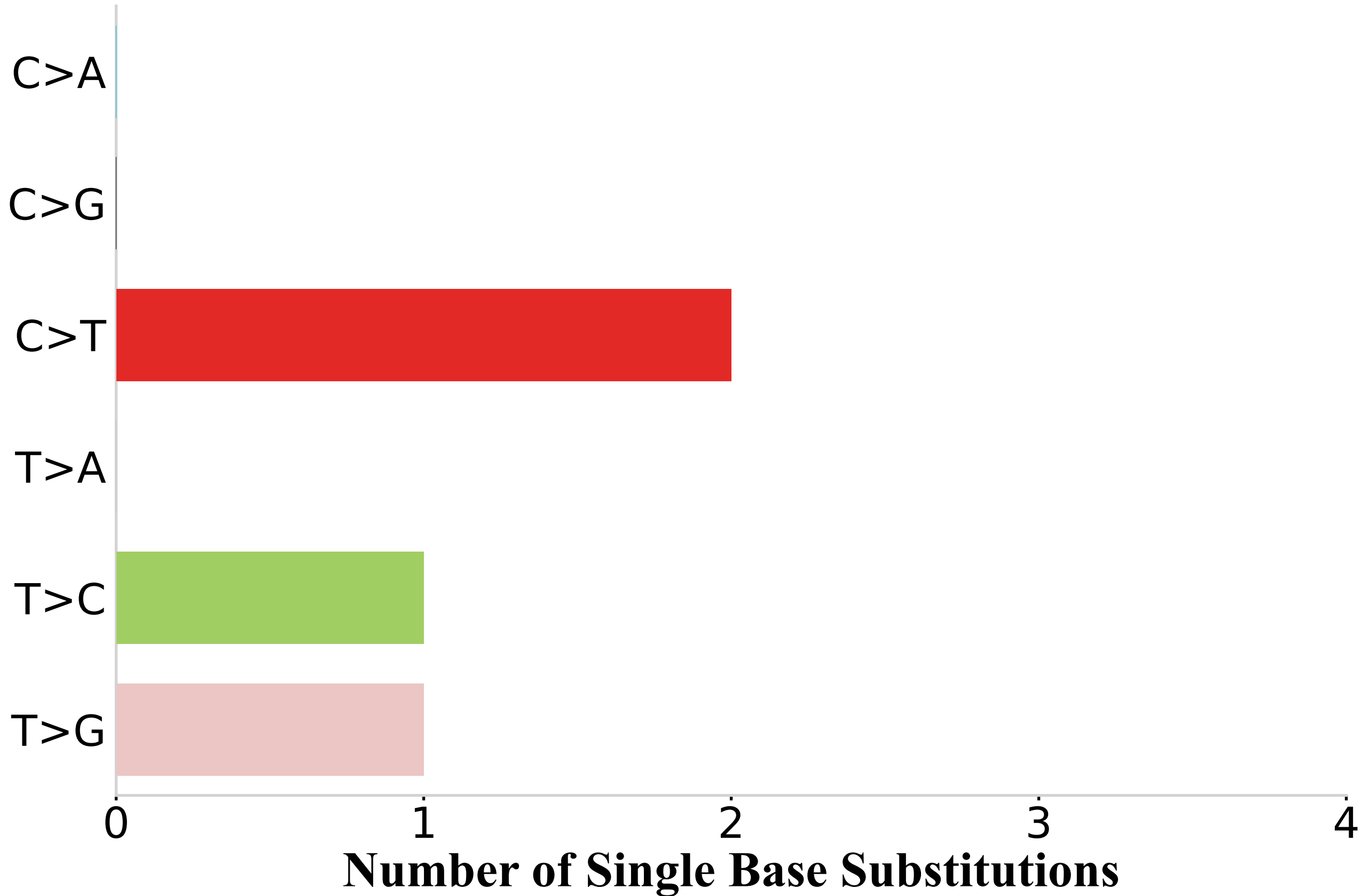
**P-0039008-T02-IM6: 5 subs**



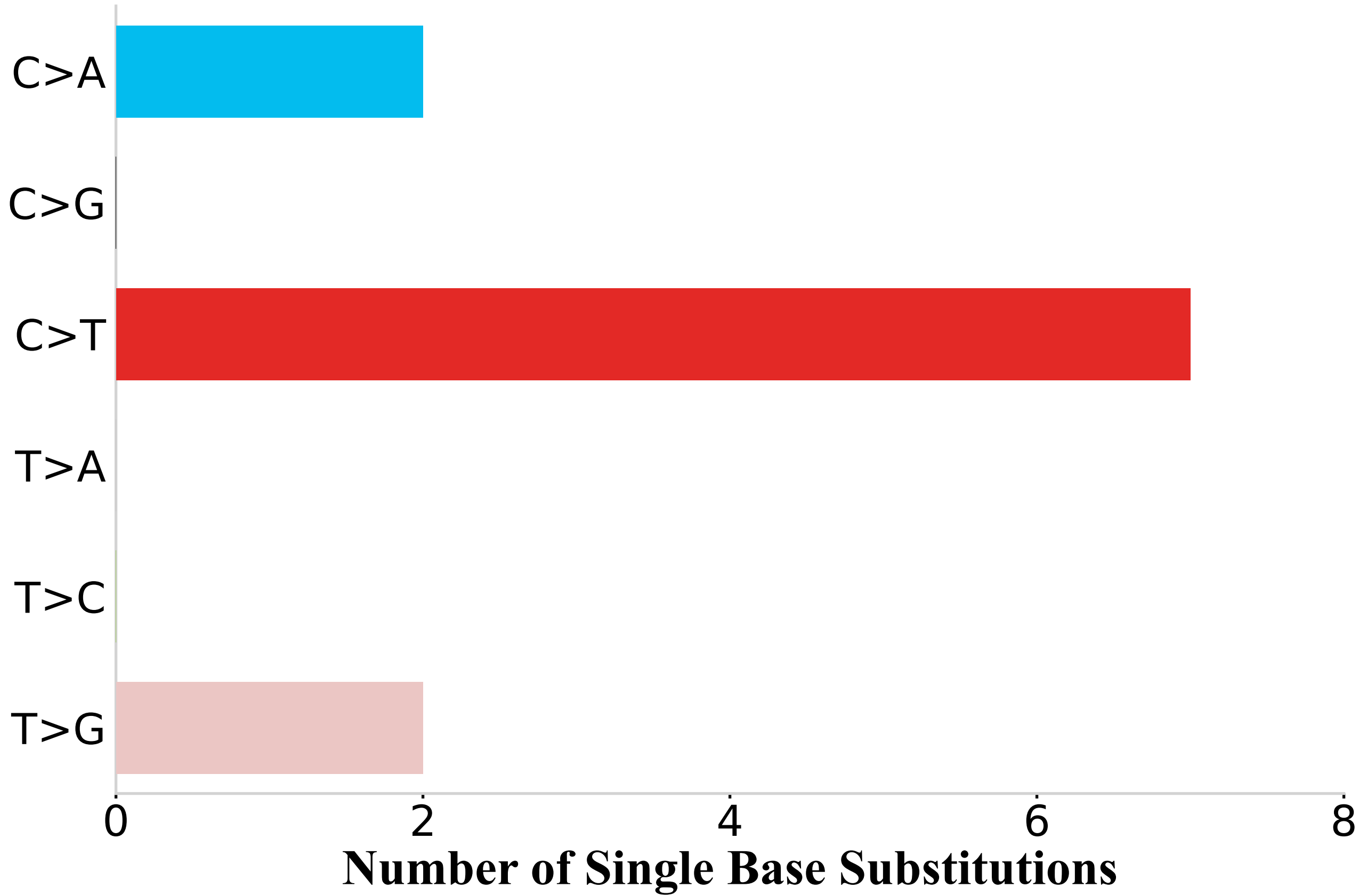
**P-0039265-T01-IM6: 1 subs**



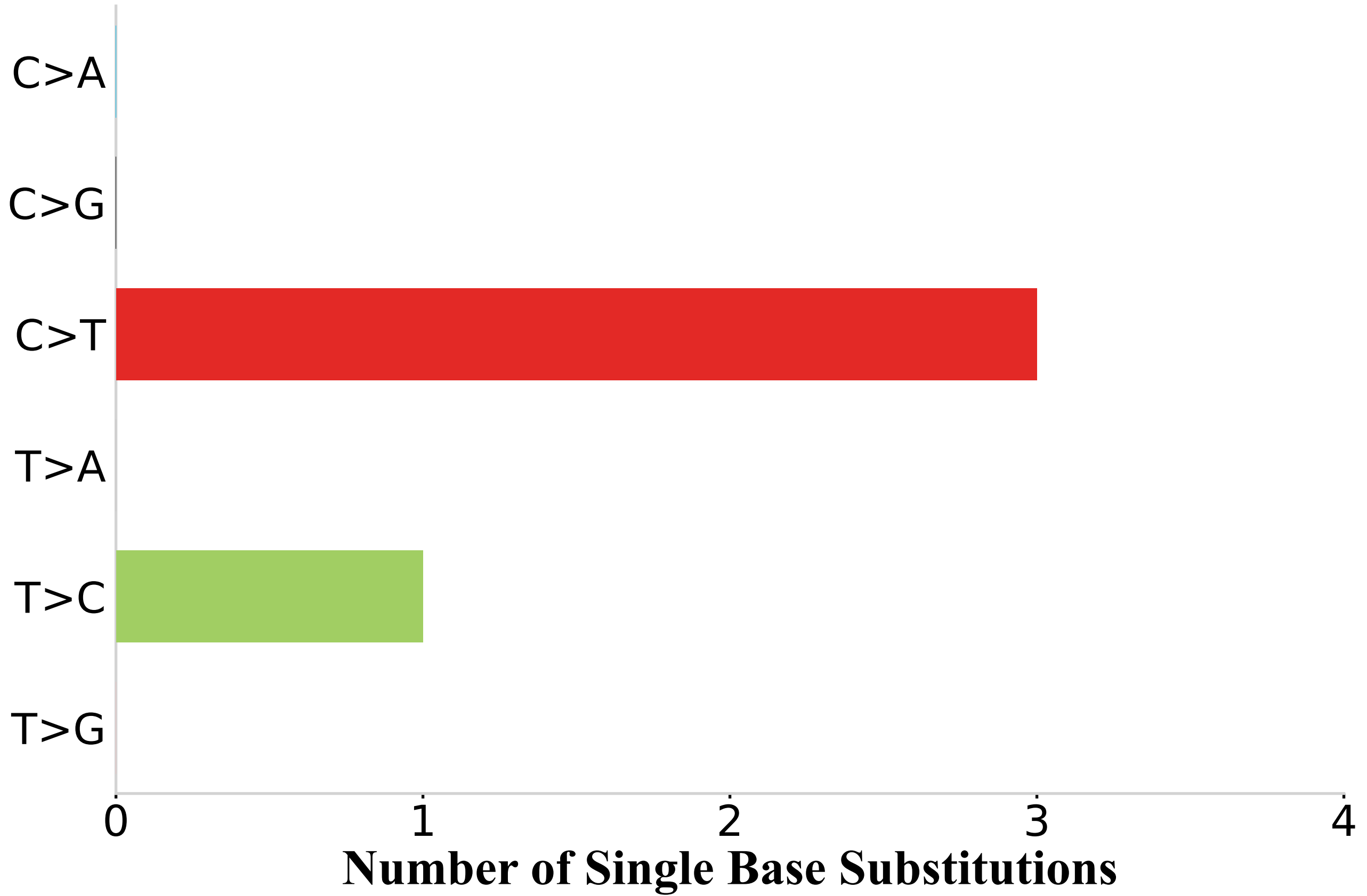
**P-0039302-T01-IM6: 4 subs**



**P-0039780-T01-IM6: 11 subs**



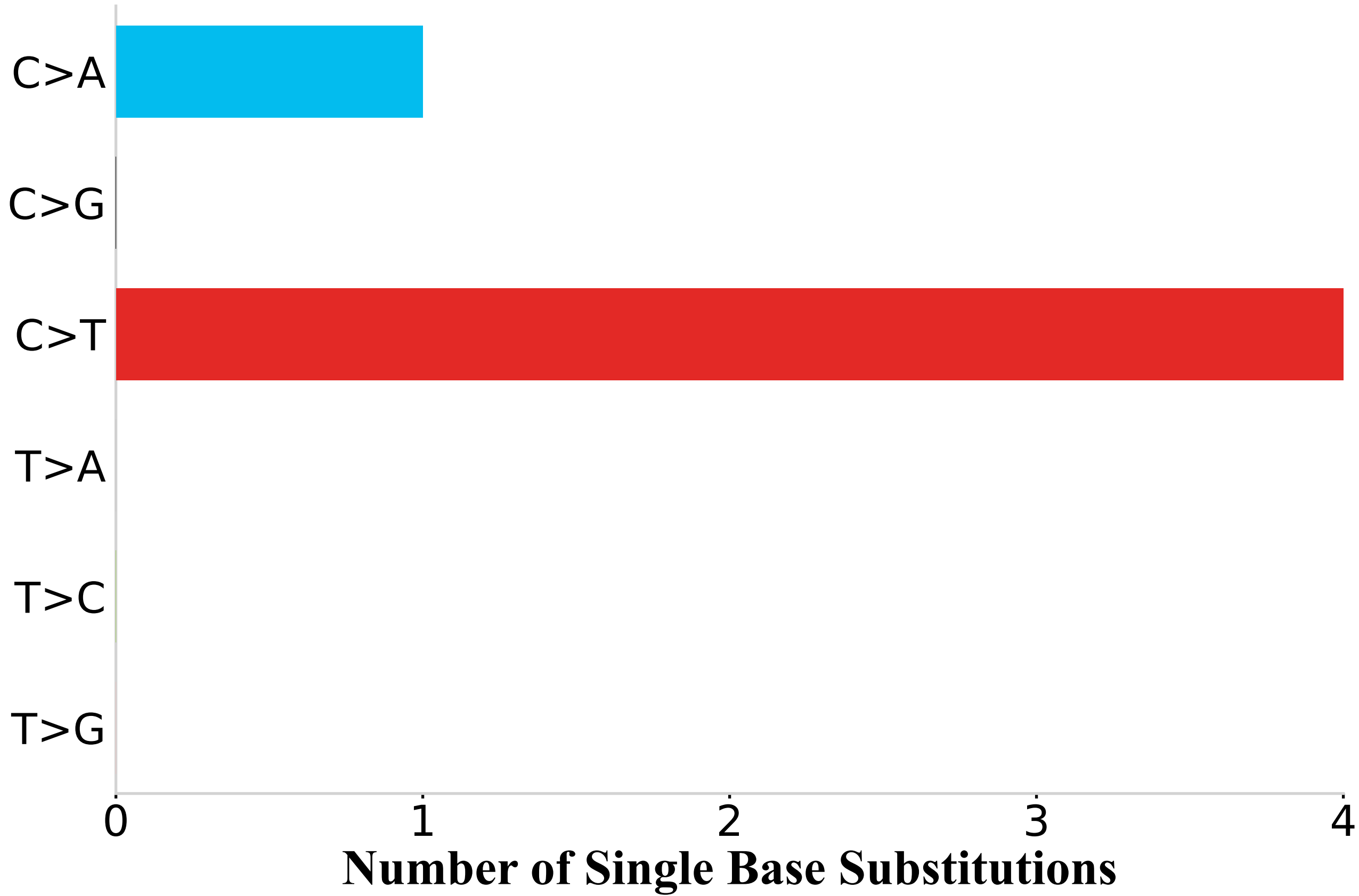
**P-0040179-T01-IM6: 4 subs**



**P-0040296-T01-IM6: 2 subs**

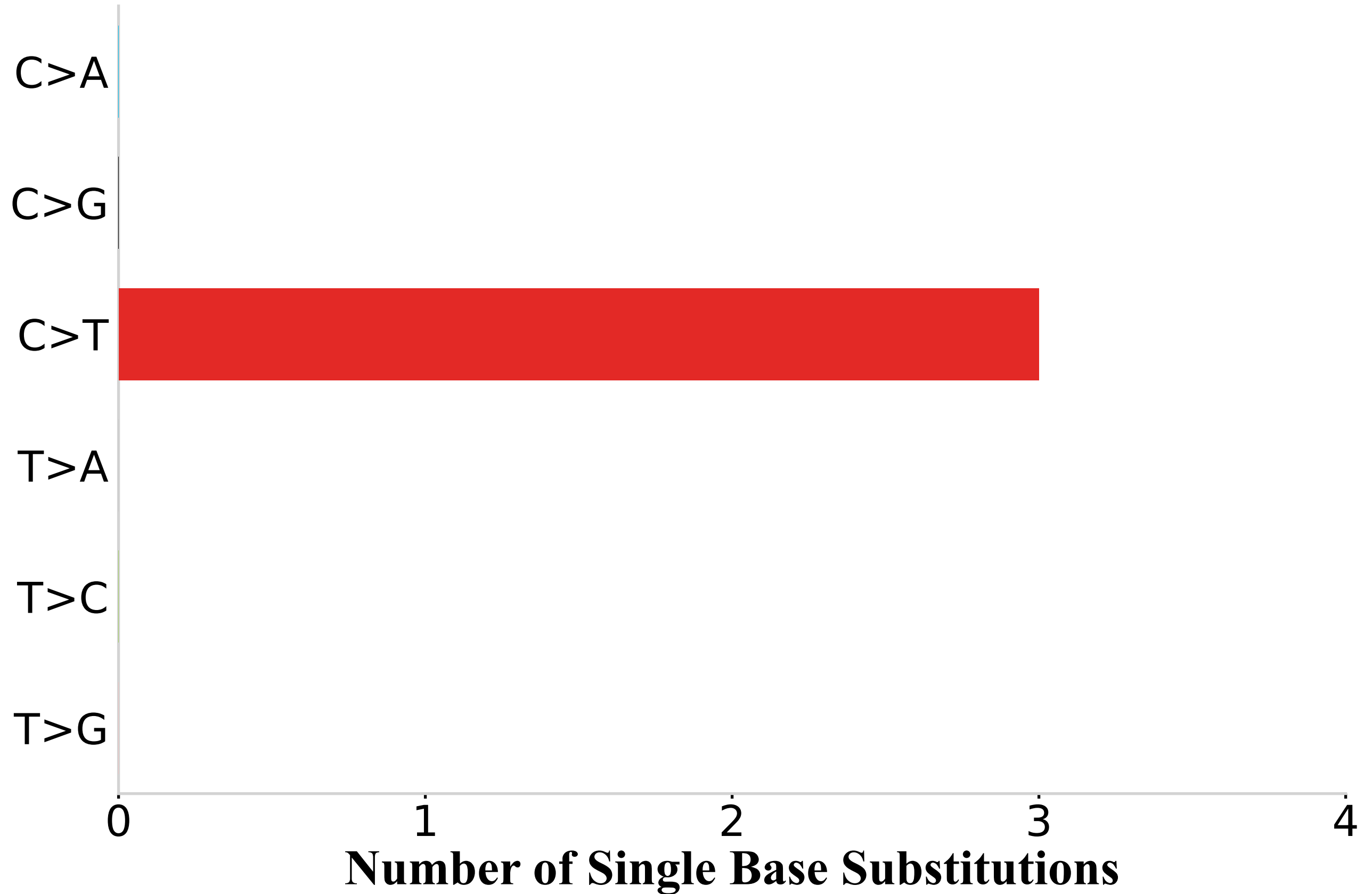


**P-0040305-T01-IM6: 5 subs**

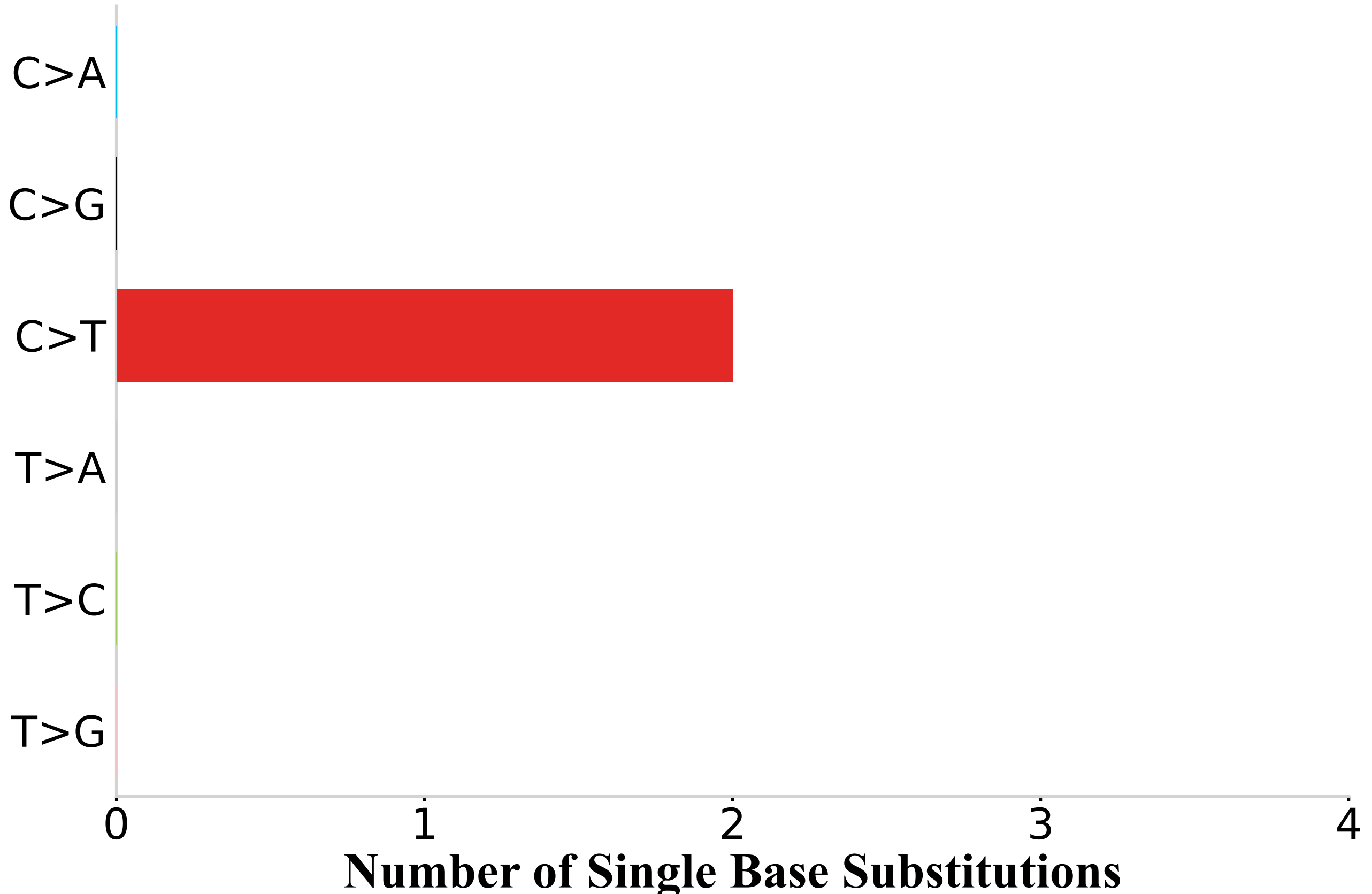




**P-0040462-T01-IM6: 3 subs**



**P-0041537-T01-IM6: 2 subs**



**P-0041585-T01-IM6: 4 subs**

C>A

C>G

C>T

T>A

T>C

T>G

0

1

2

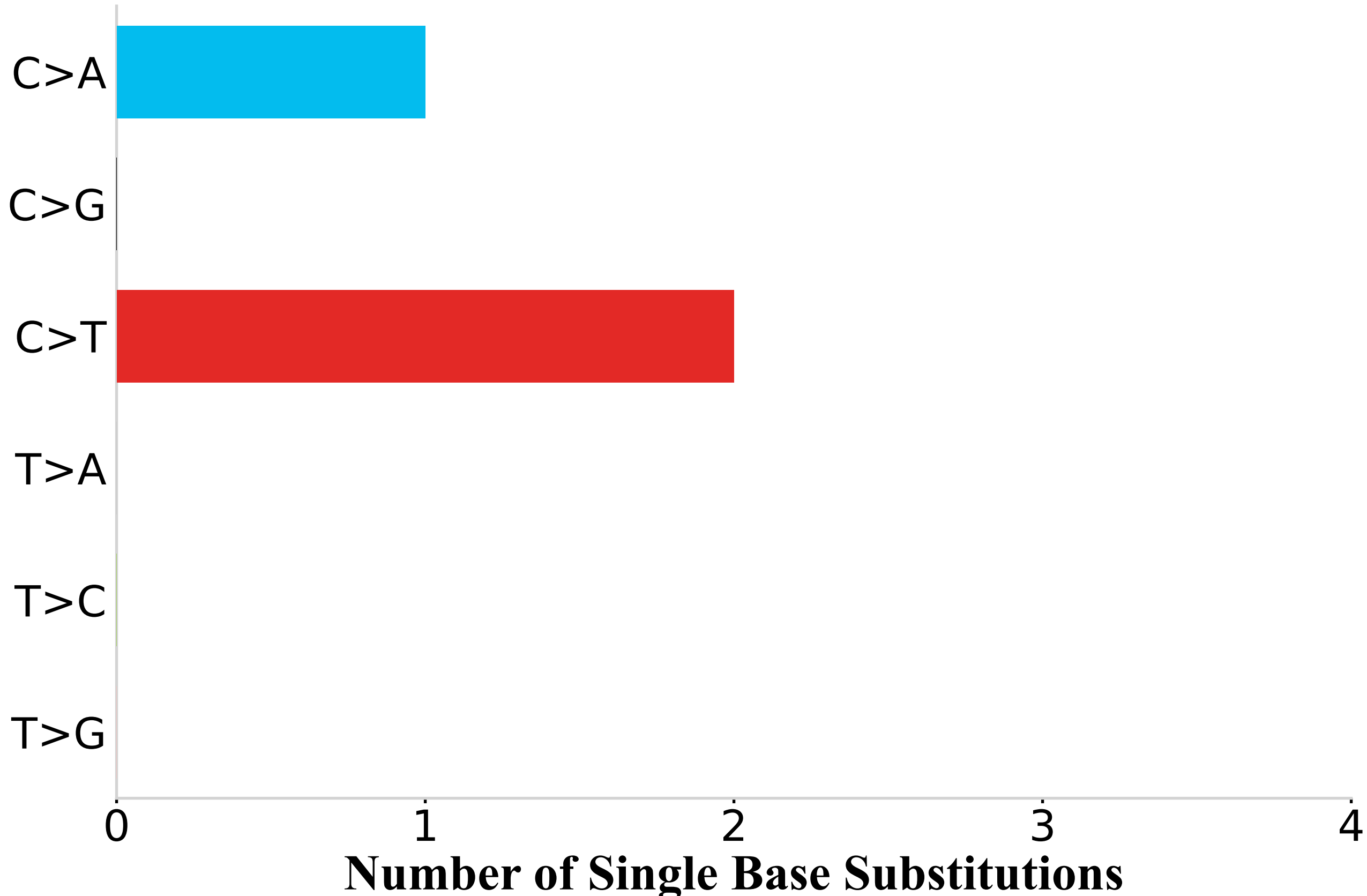
3

4

**Number of Single Base Substitutions**



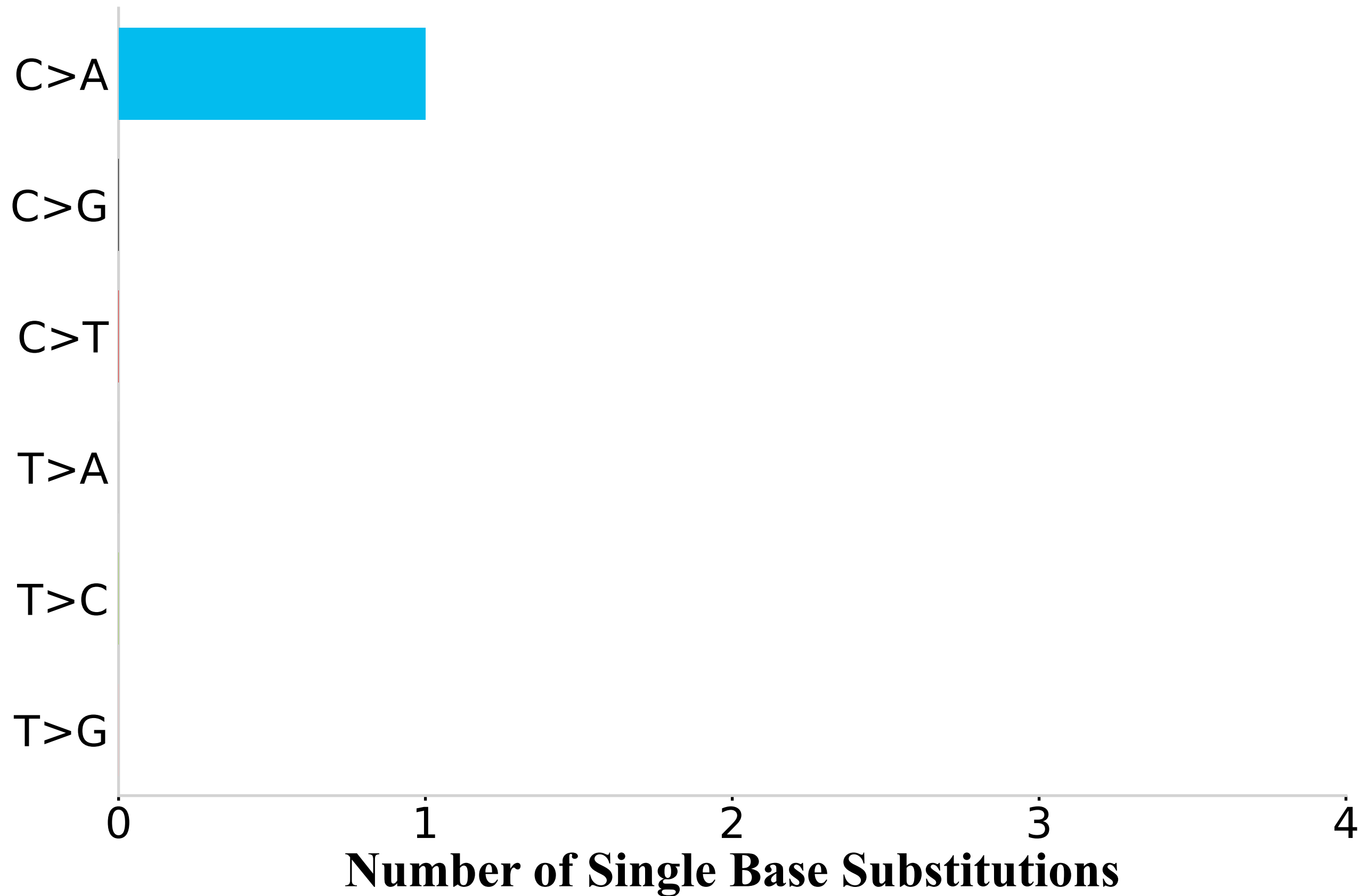
**P-0041603-T01-IM6: 3 subs**



**P-0042350-T01-IM6: 2 subs**



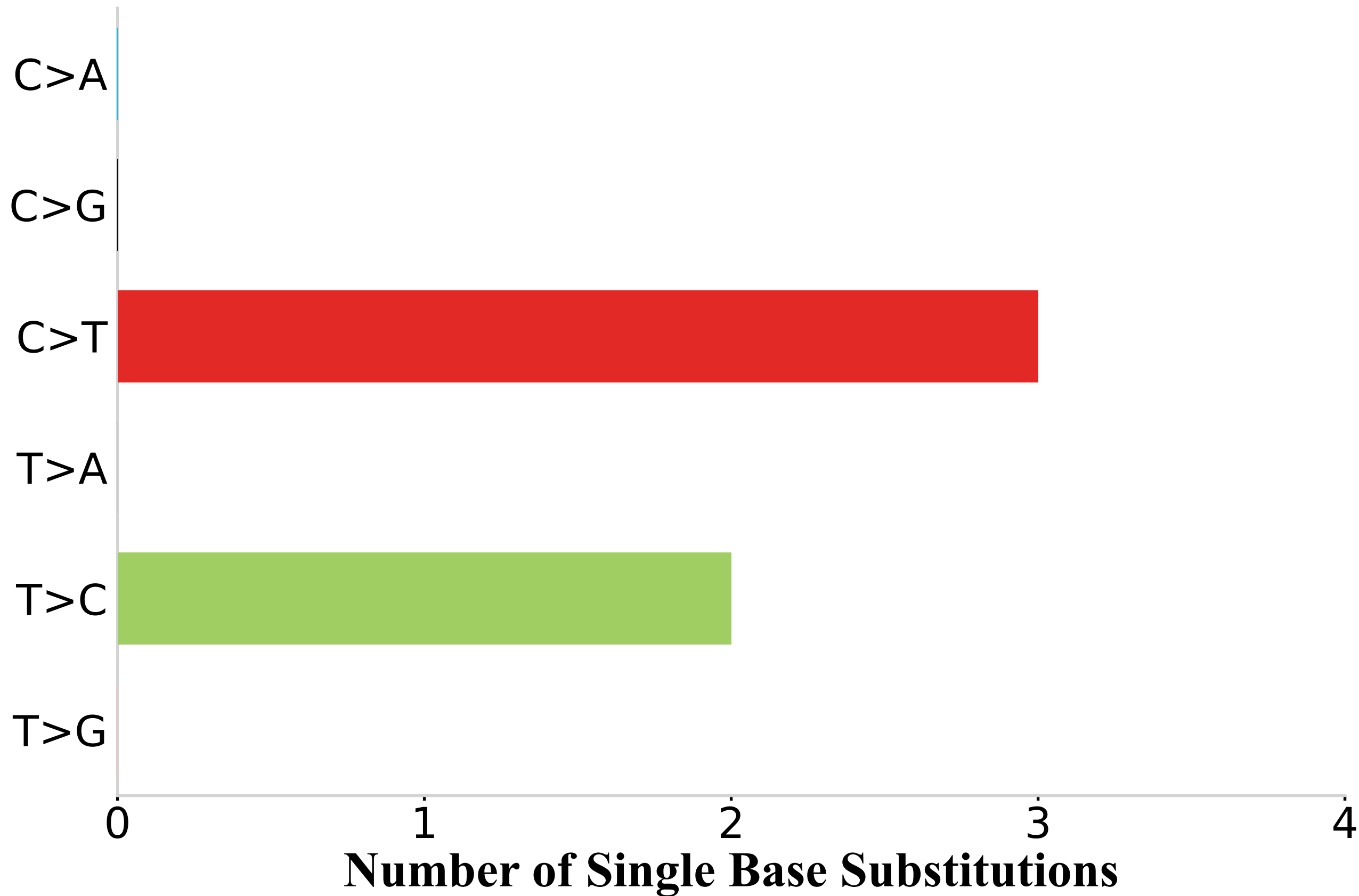
**P-0042371-T01-IM6: 1 subs**



**P-0042746-T01-IM6: 1 subs**



**P-0043236-T01-IM6: 5 subs**

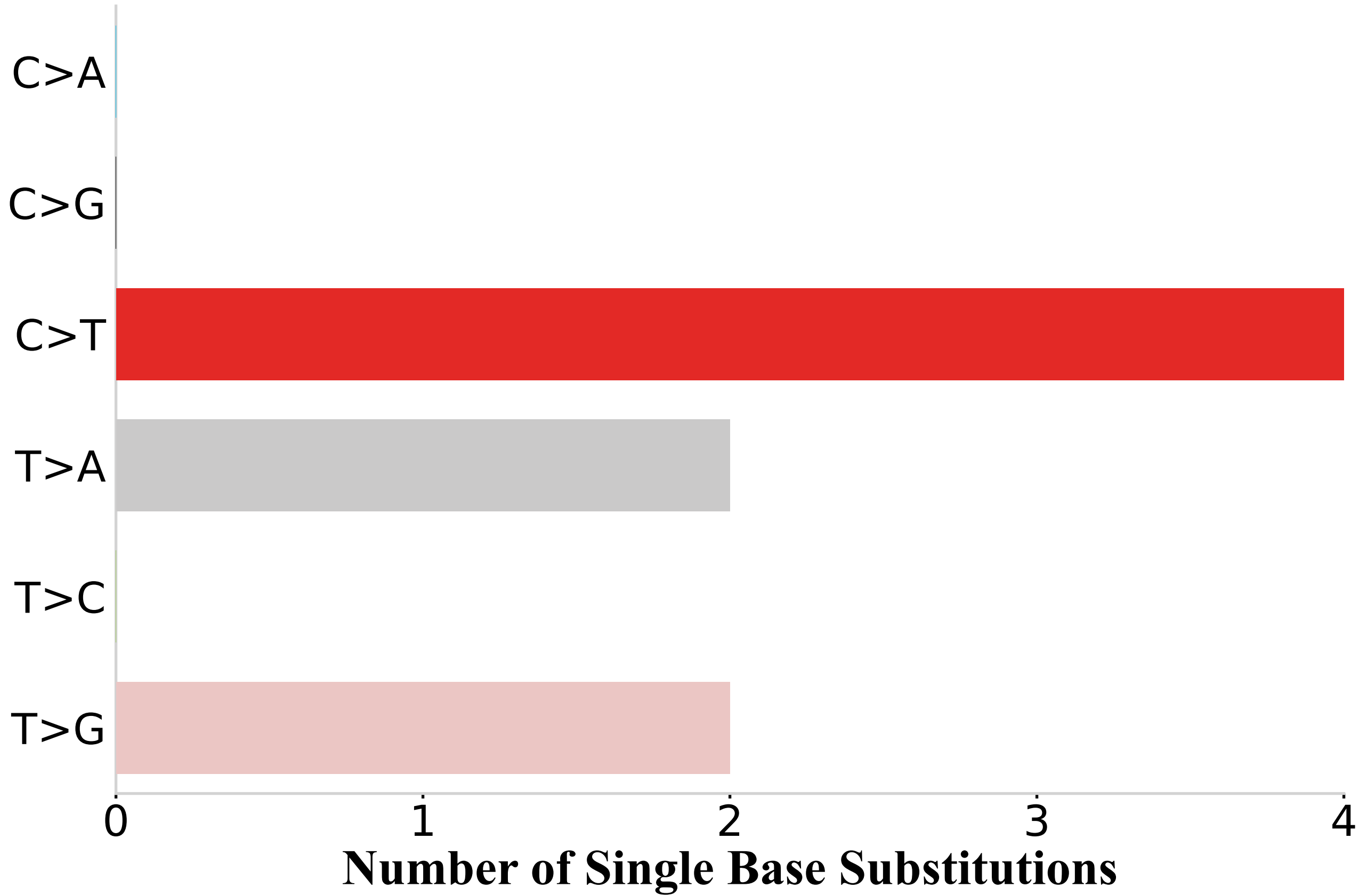




**P-0043490-T01-IM6: 1 subs**



**P-0044082-T01-IM6: 8 subs**



**P-0044181-T01-IM6: 0 subs**

C>A

C>G

C>T

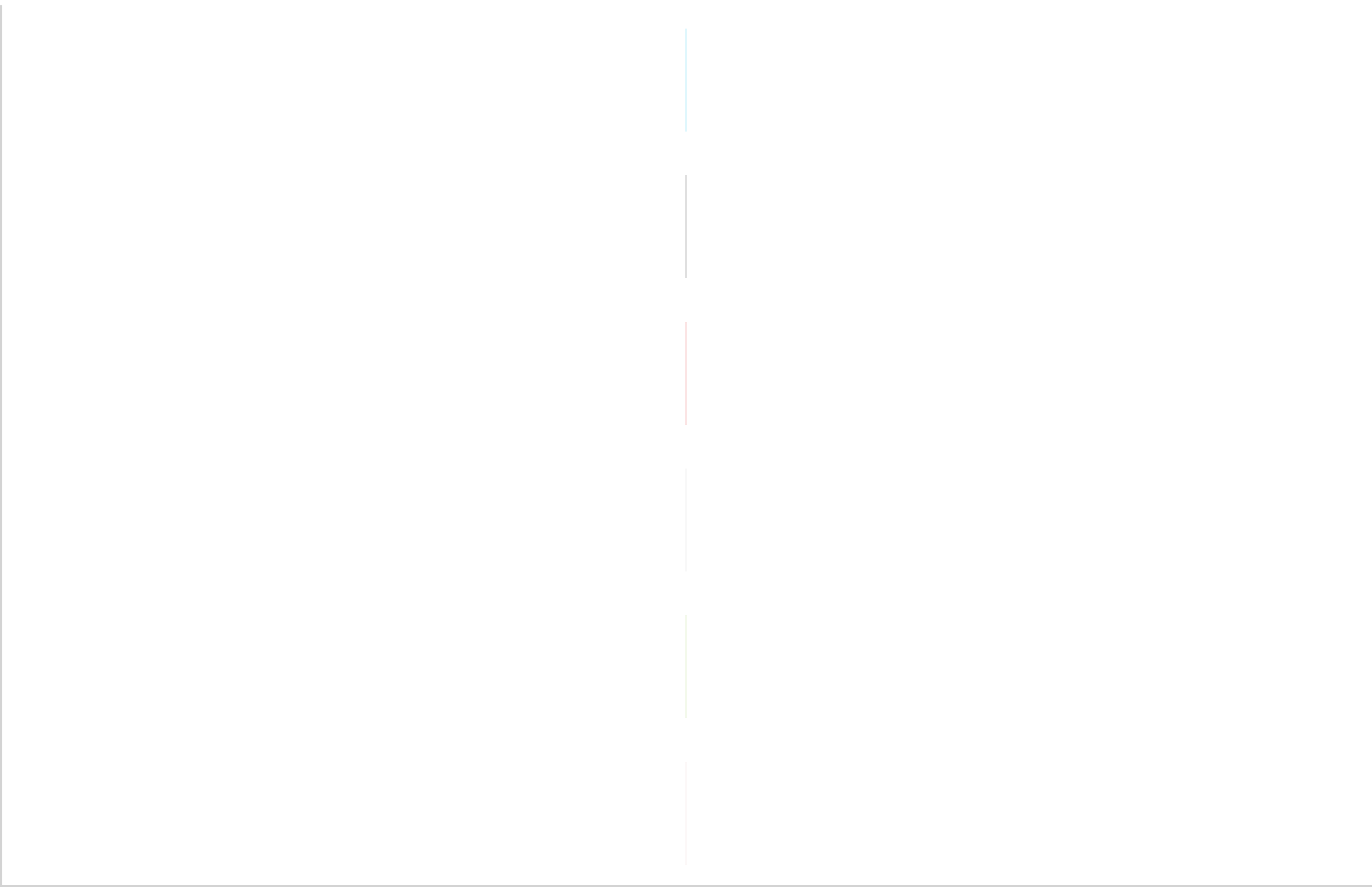
T>A

T>C

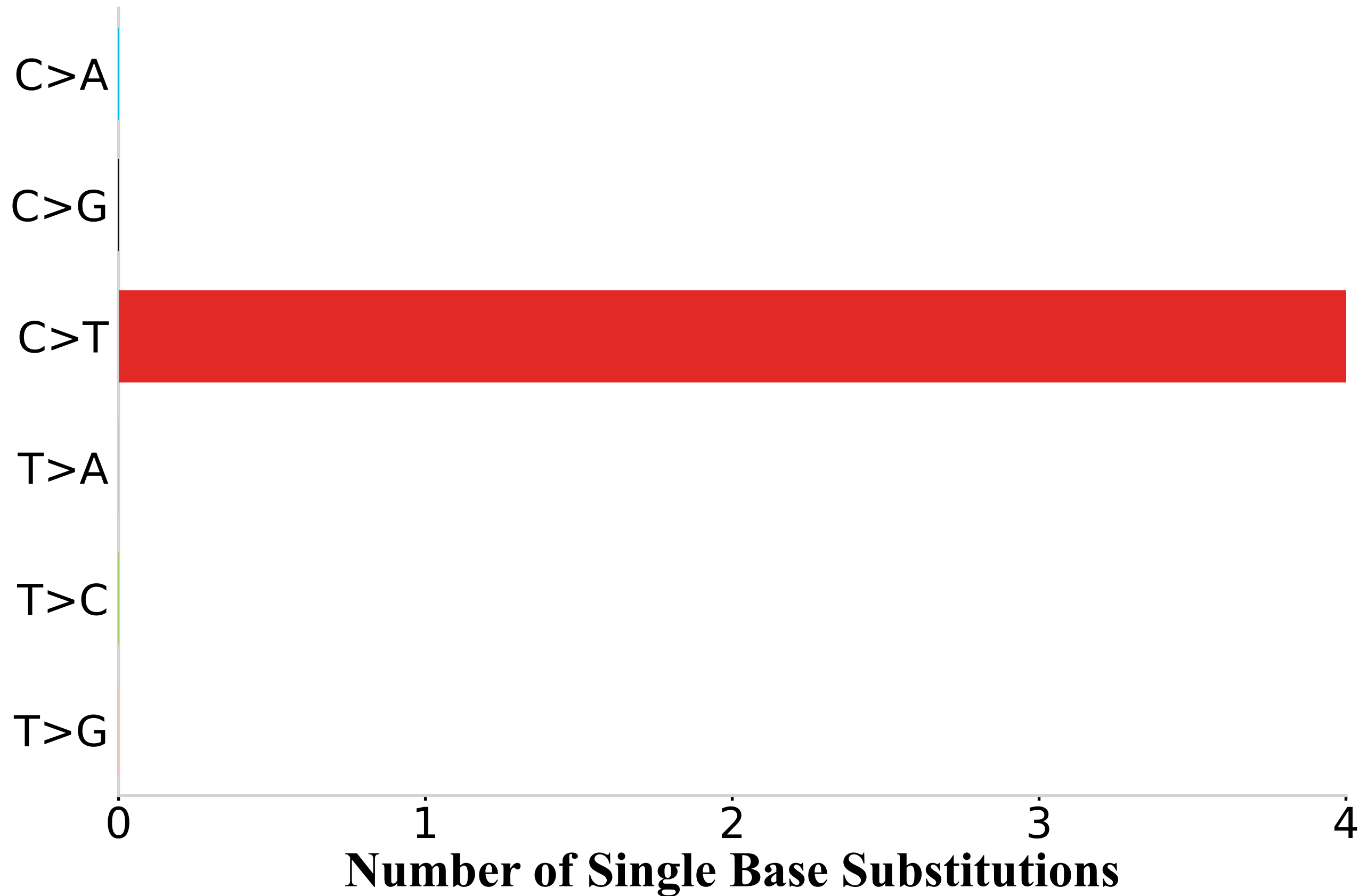
T>G

0

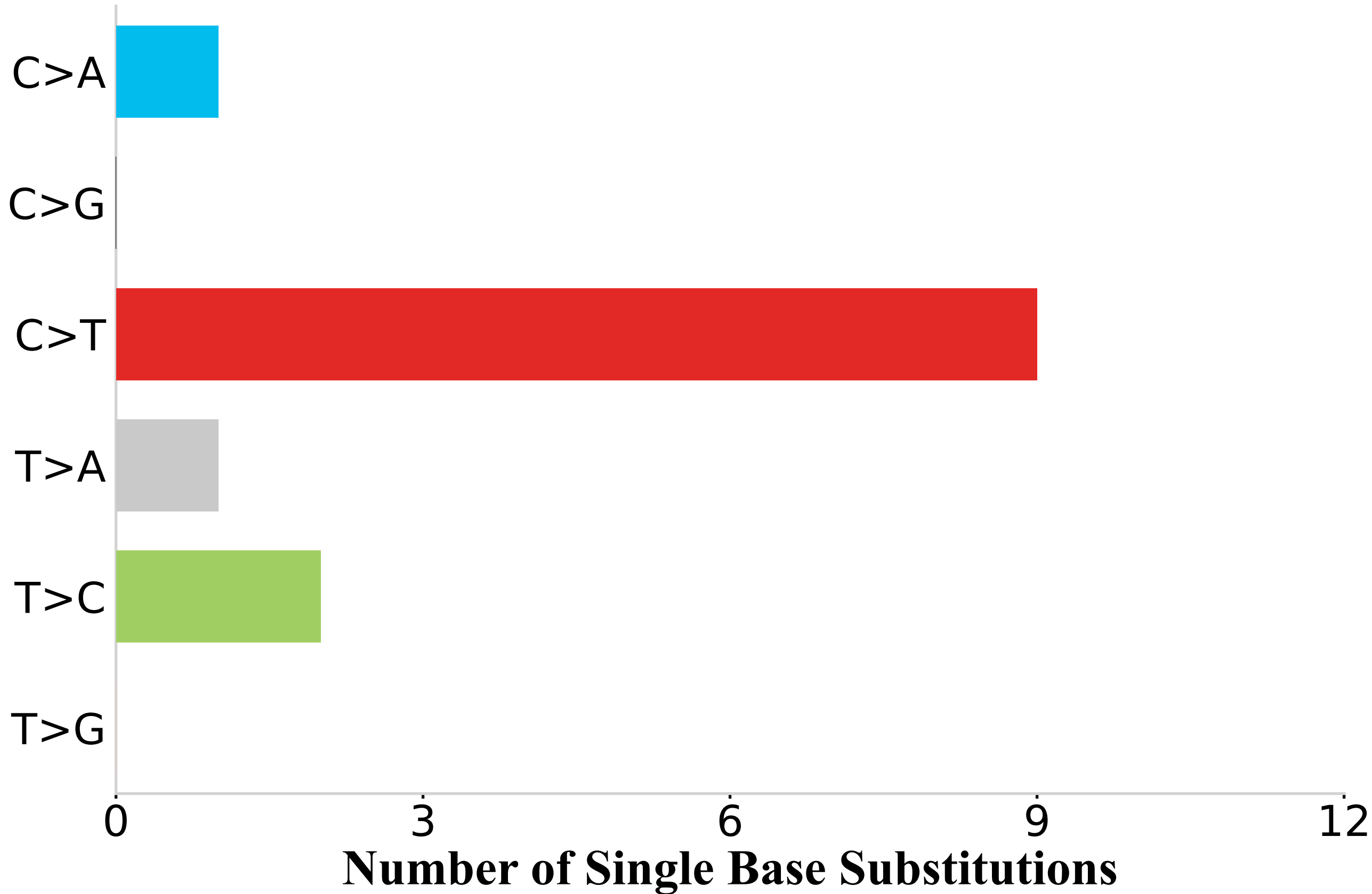
**Number of Single Base Substitutions**



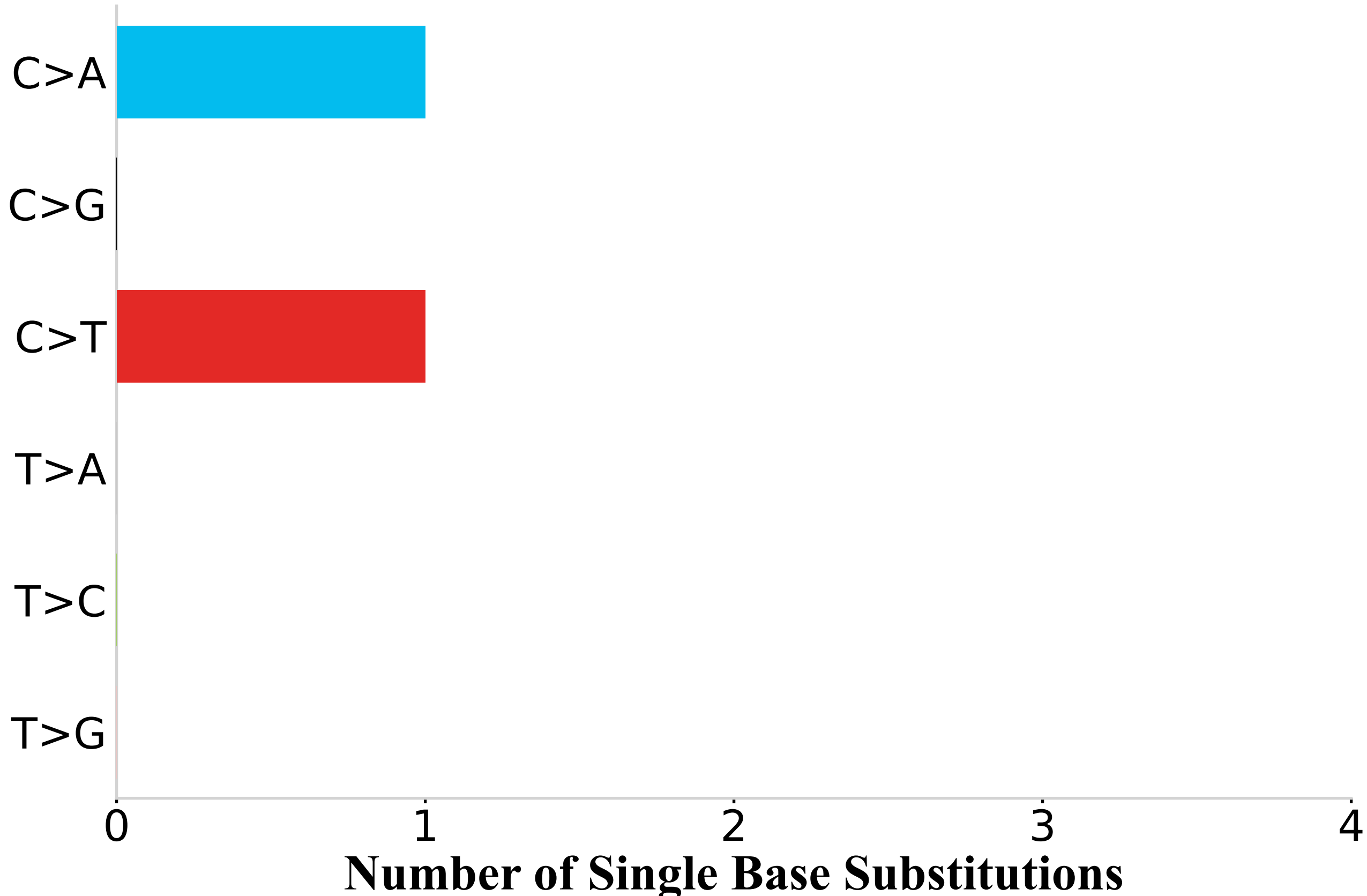
**P-0044360-T01-IM6: 4 subs**



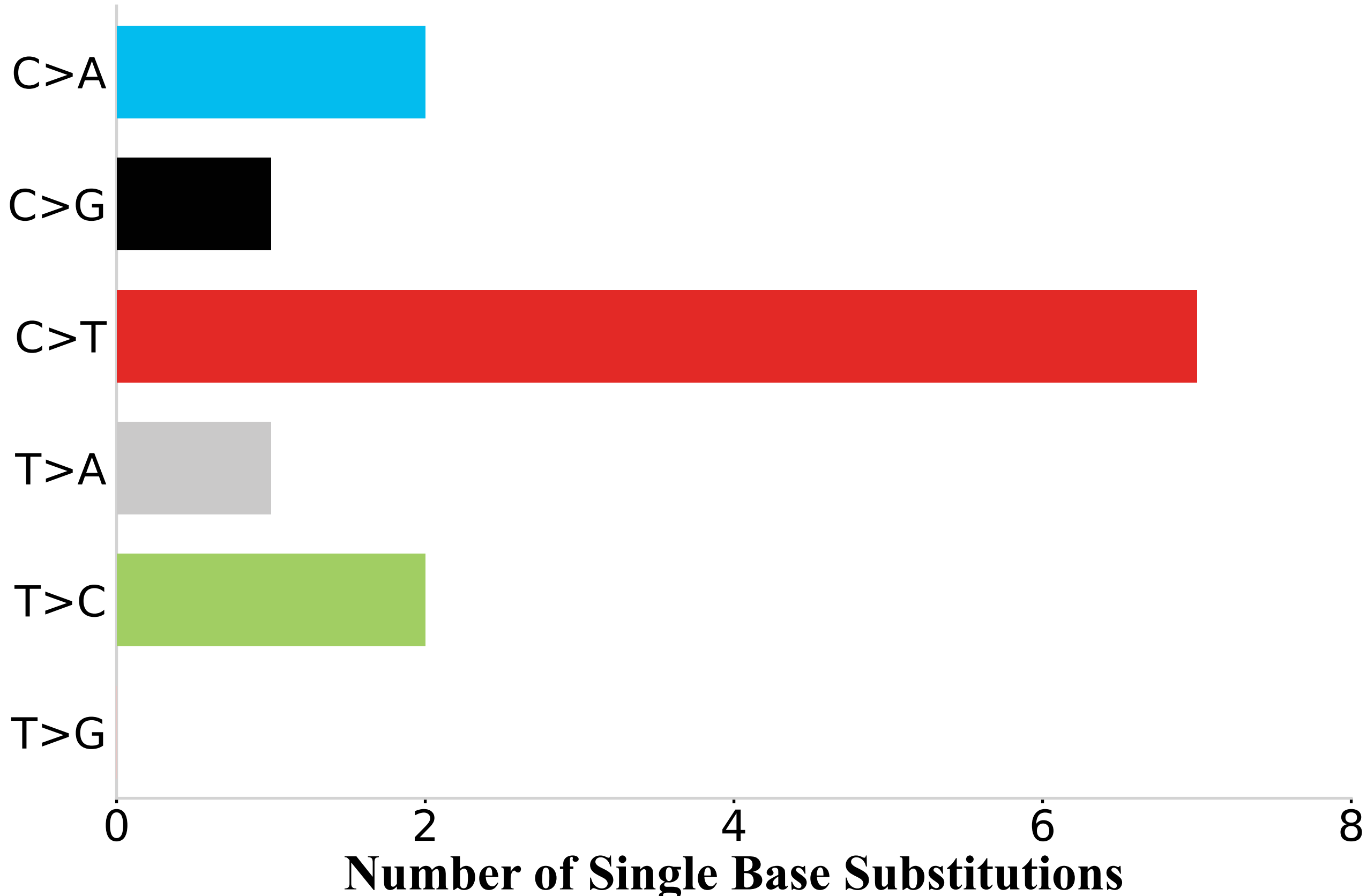
**P-0044538-T01-IM6: 13 subs**



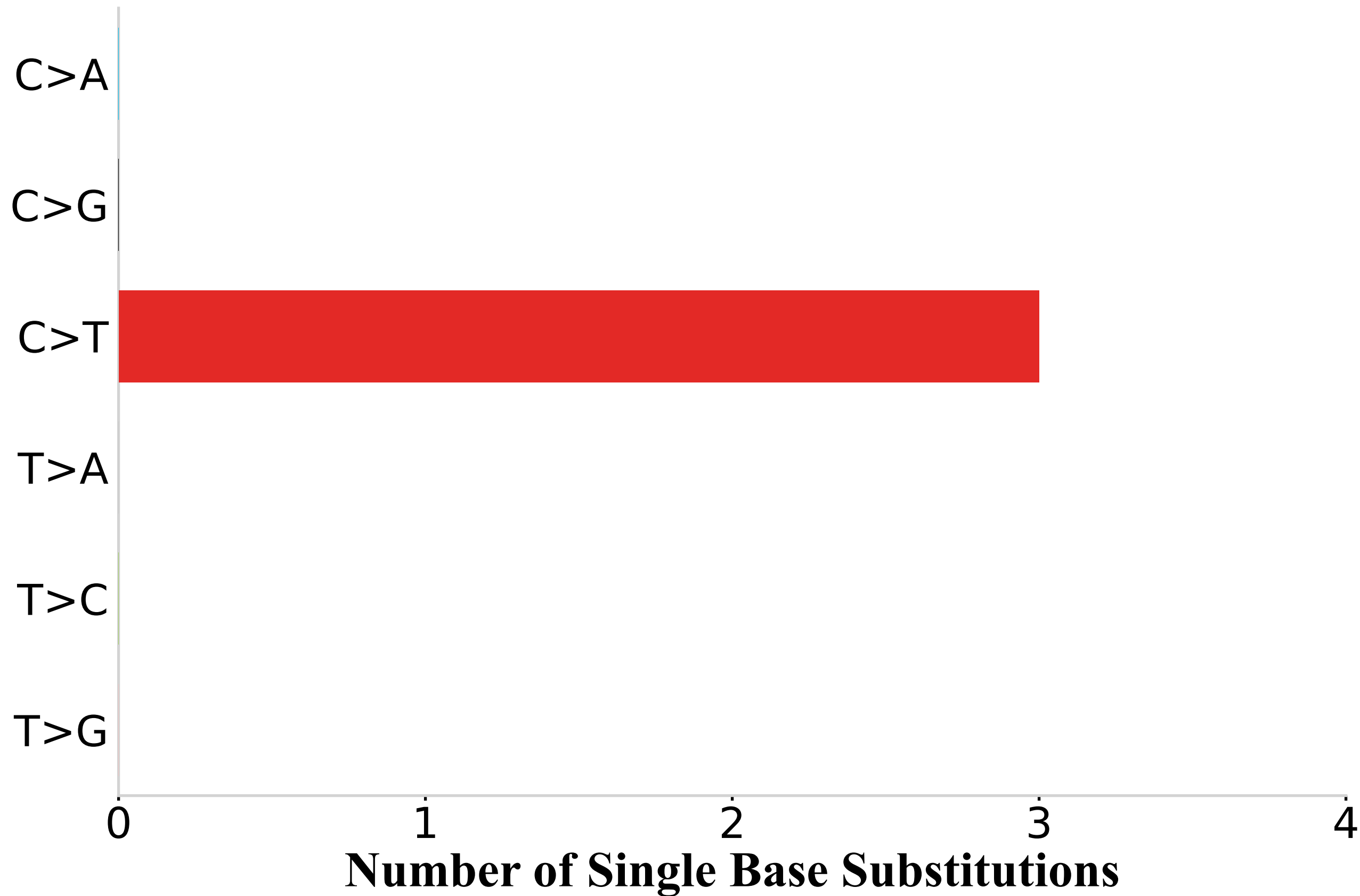
**P-0044643-T01-IM6: 2 subs**



**P-0044815-T01-IM6: 13 subs**

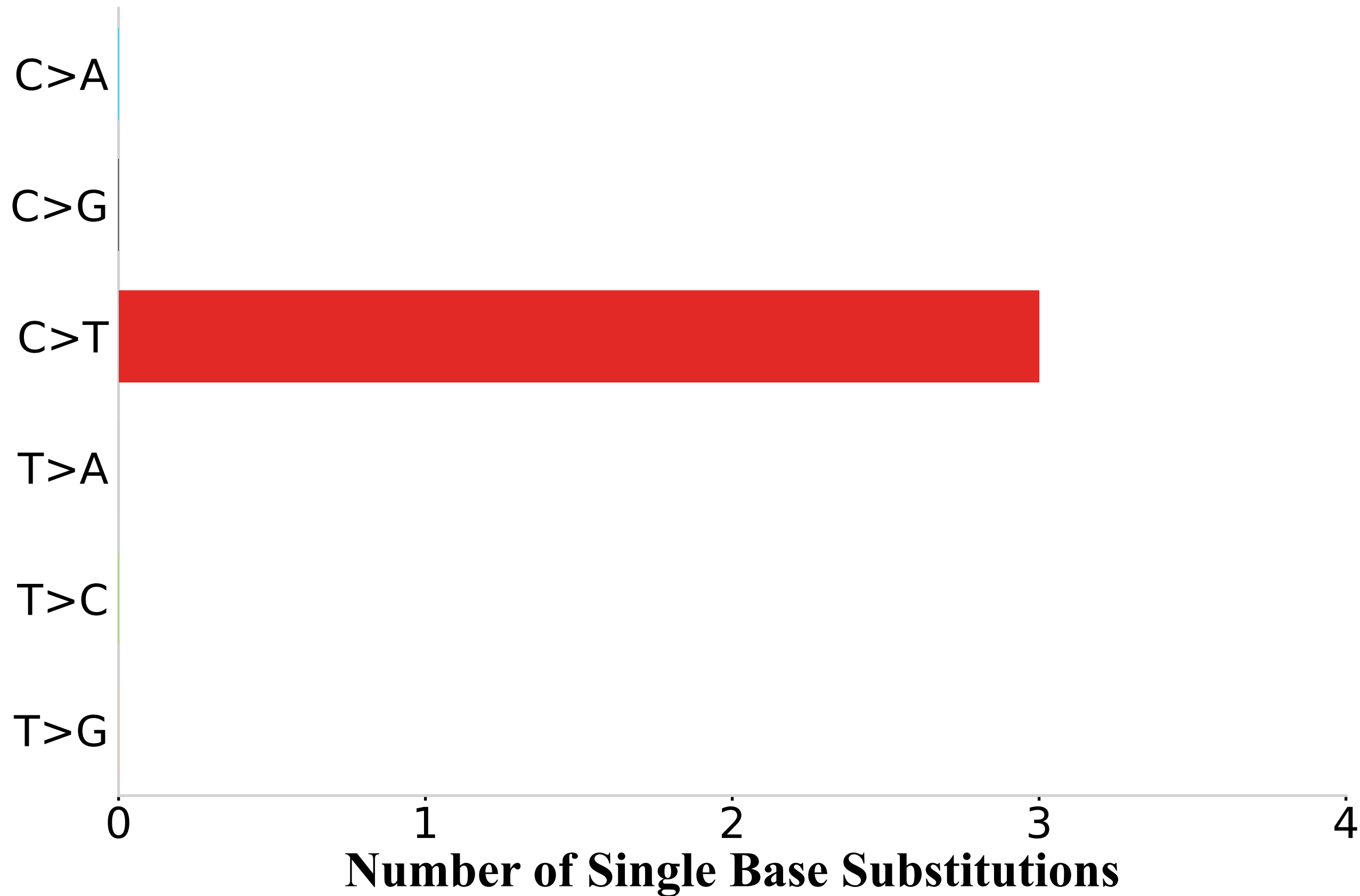


**P-0045104-T01-IM6: 3 subs**

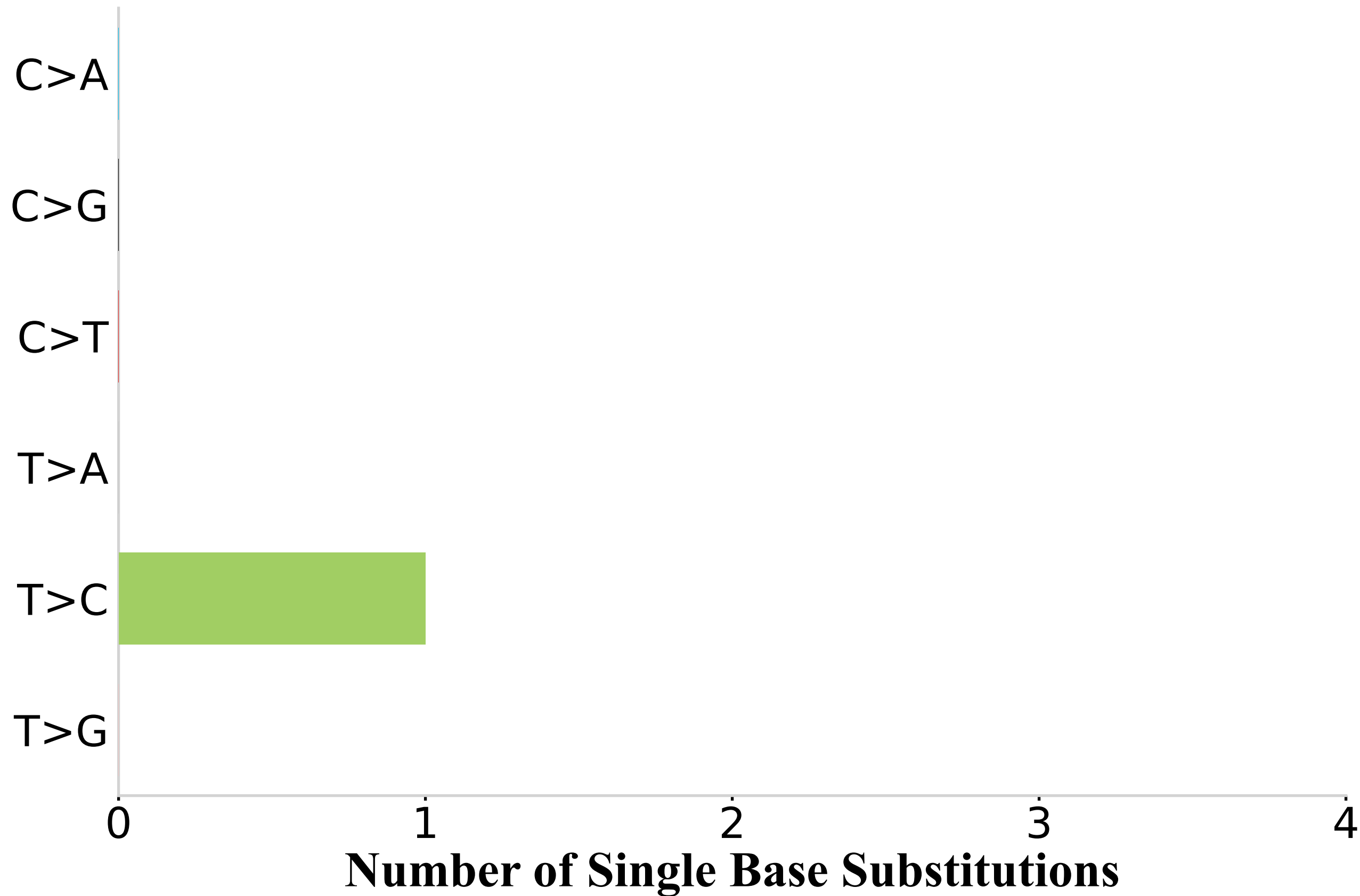




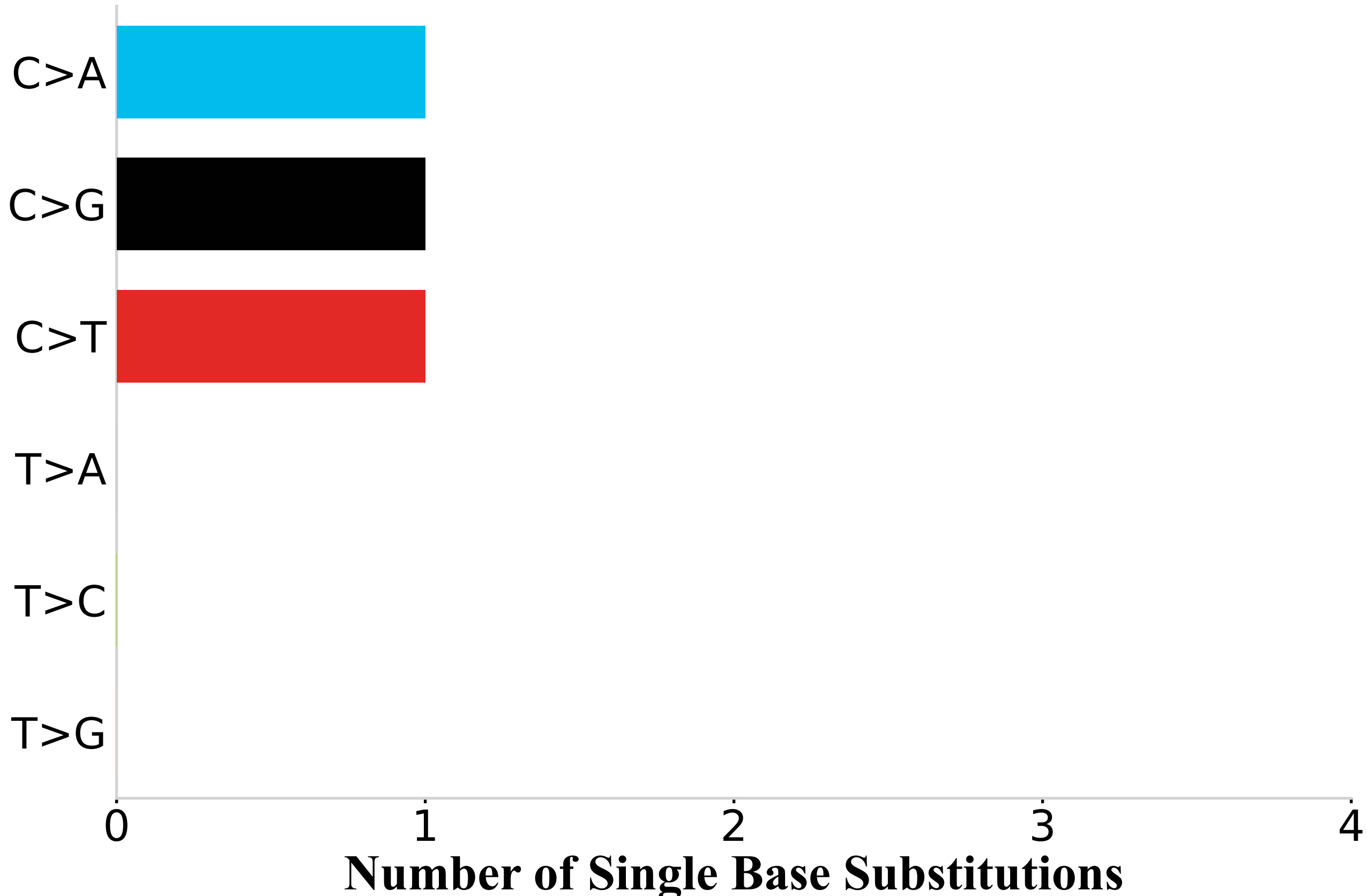
**P-0045691-T01-IM6: 3 subs**



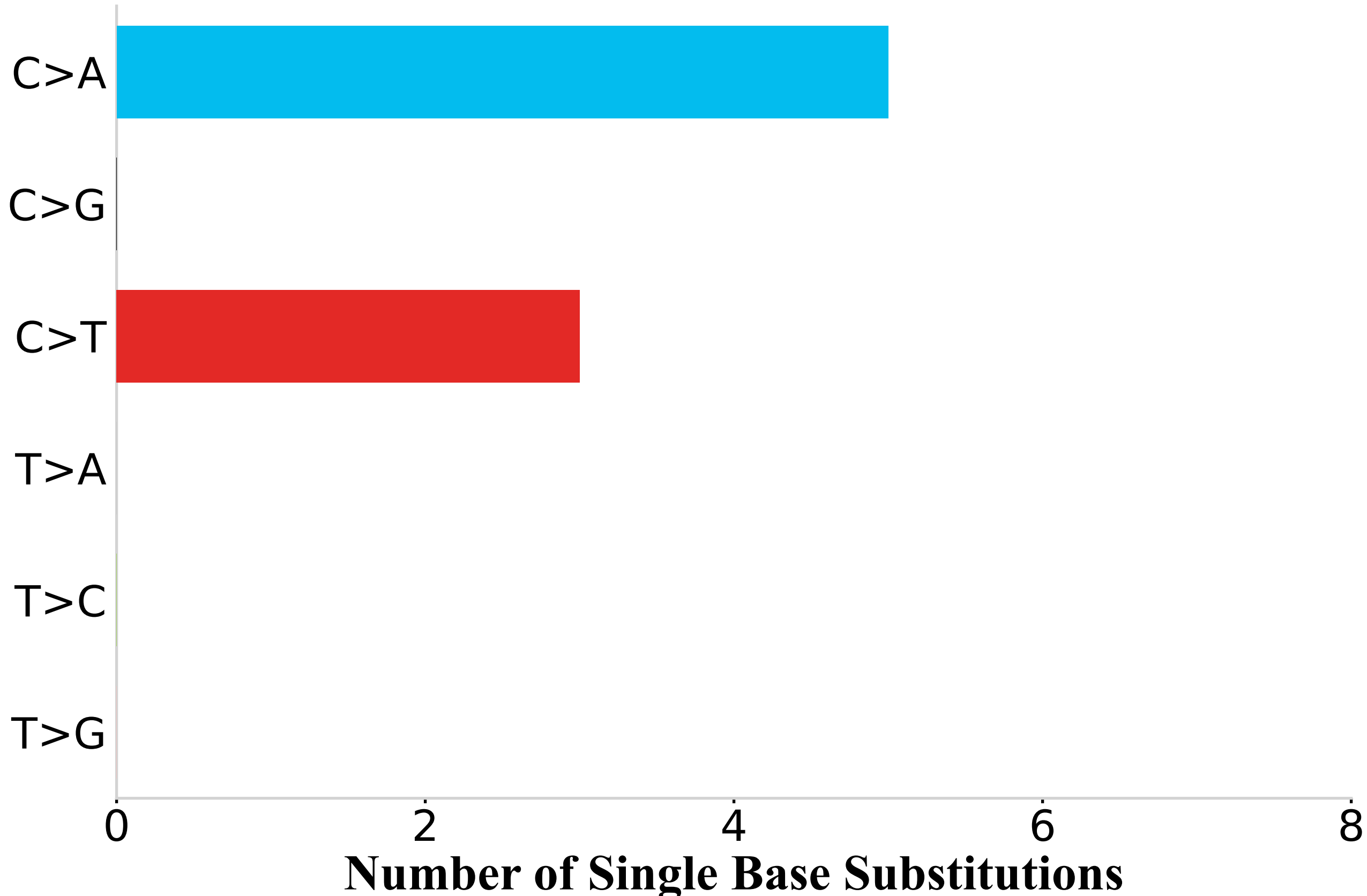
**P-0046153-T01-IM6: 1 subs**



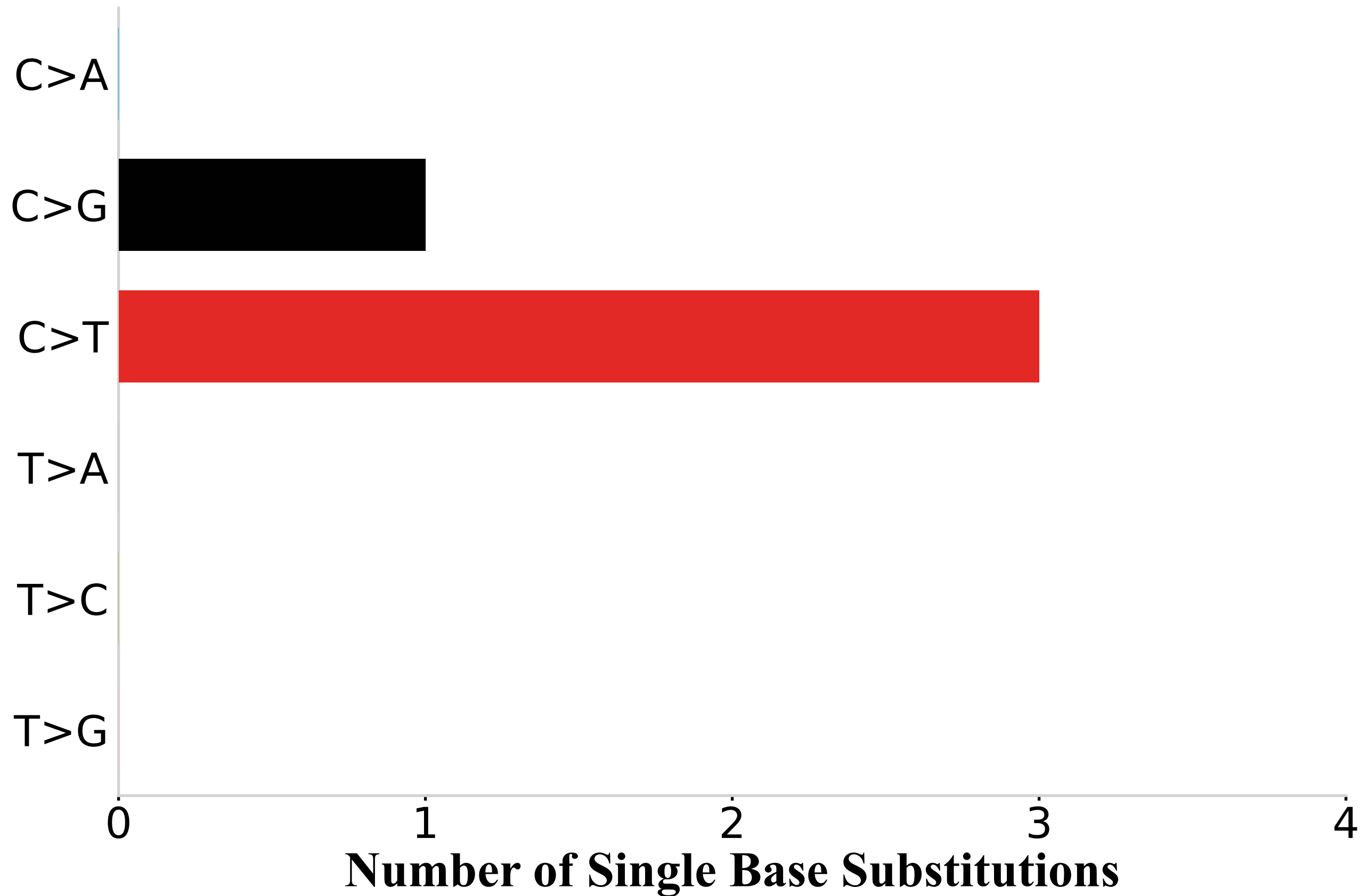
**P-0046365-T01-IM6: 3 subs**



**P-0046487-T01-IM6: 8 subs**



**P-0046597-T01-IM6: 4 subs**



**P-0046994-T01-IM6: 0 subs**

C>A

C>G

C>T

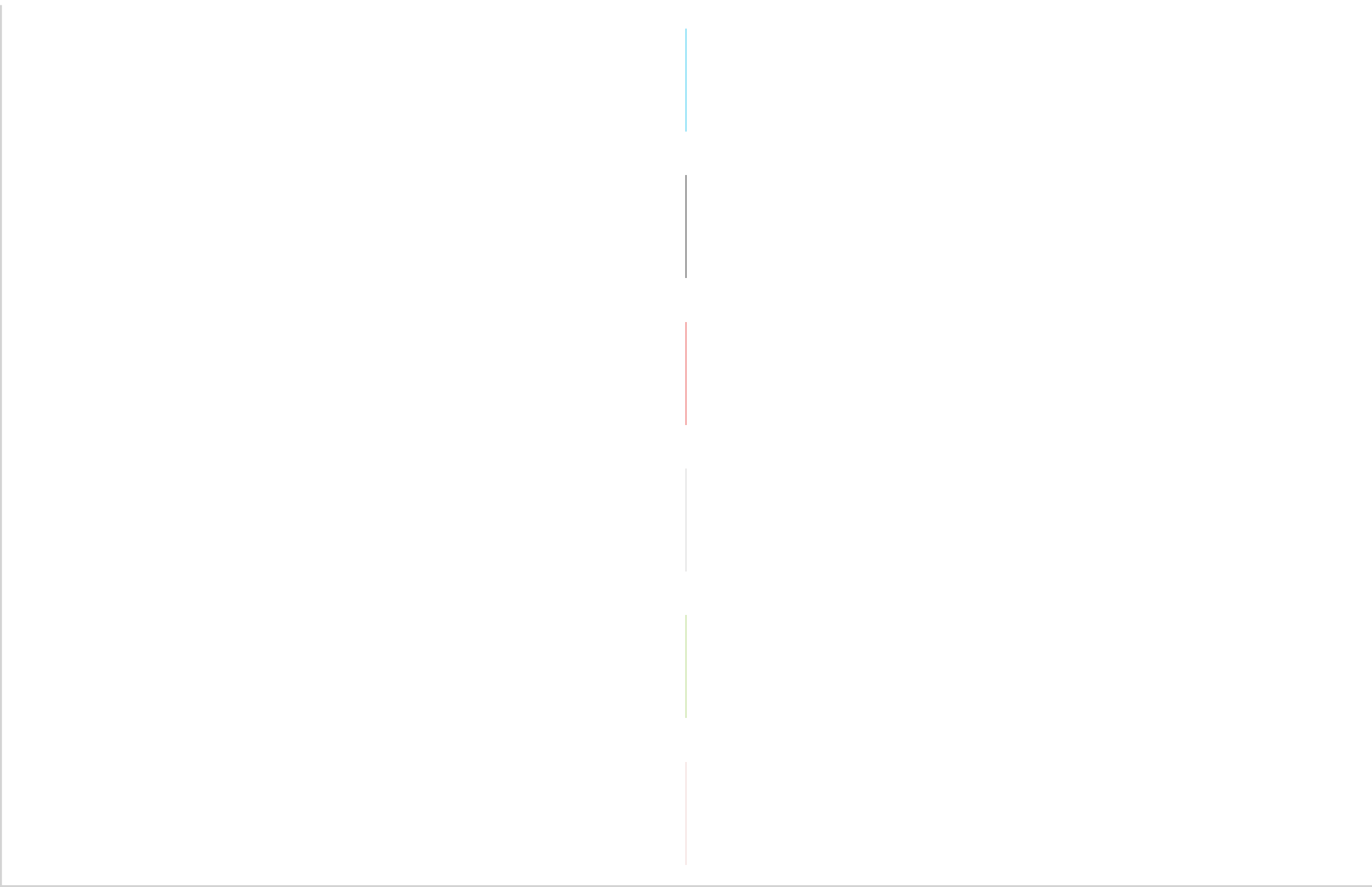
T>A

T>C

T>G

0

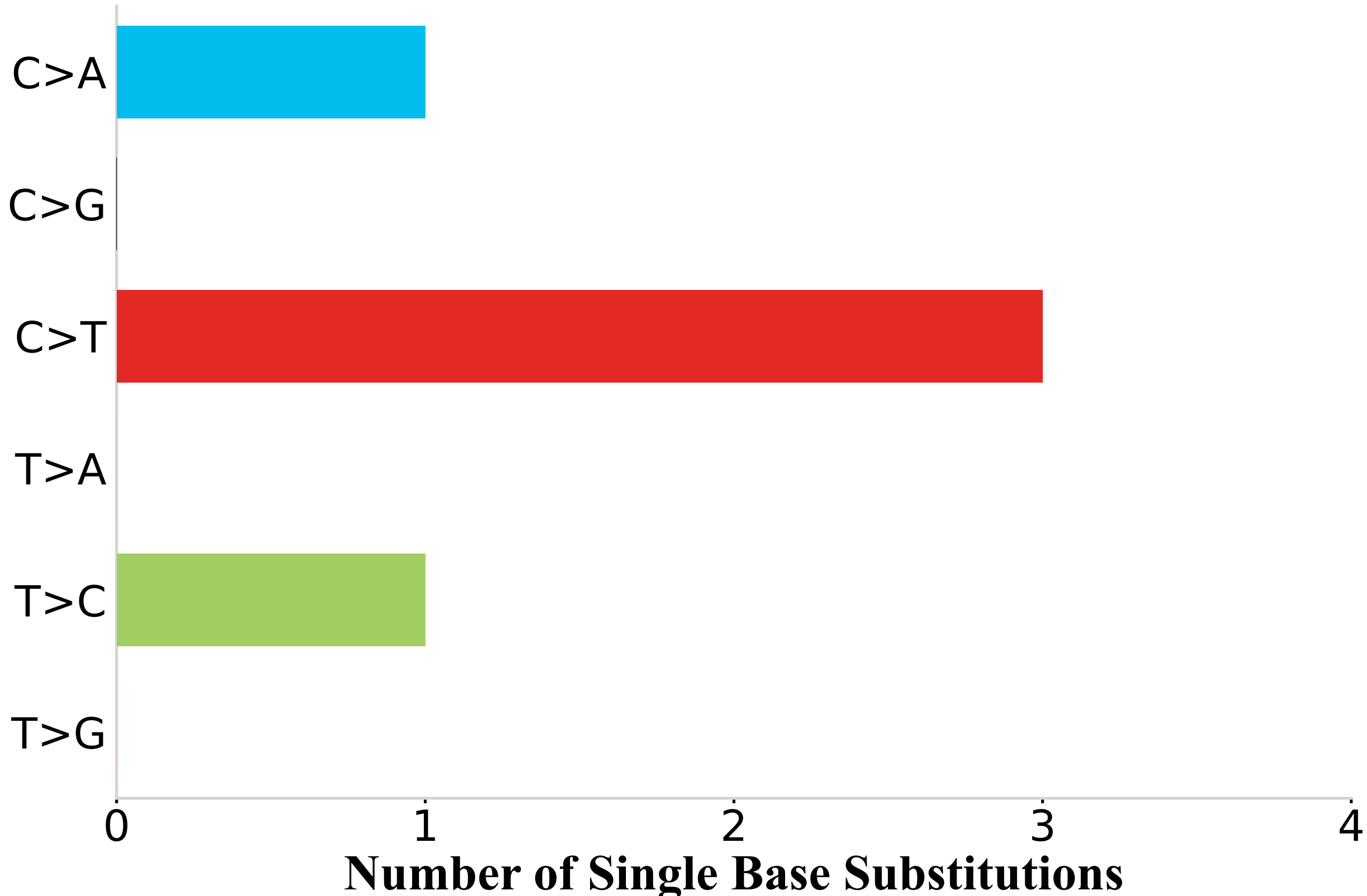
**Number of Single Base Substitutions**



**P-0047213-T01-IM6: 2 subs**

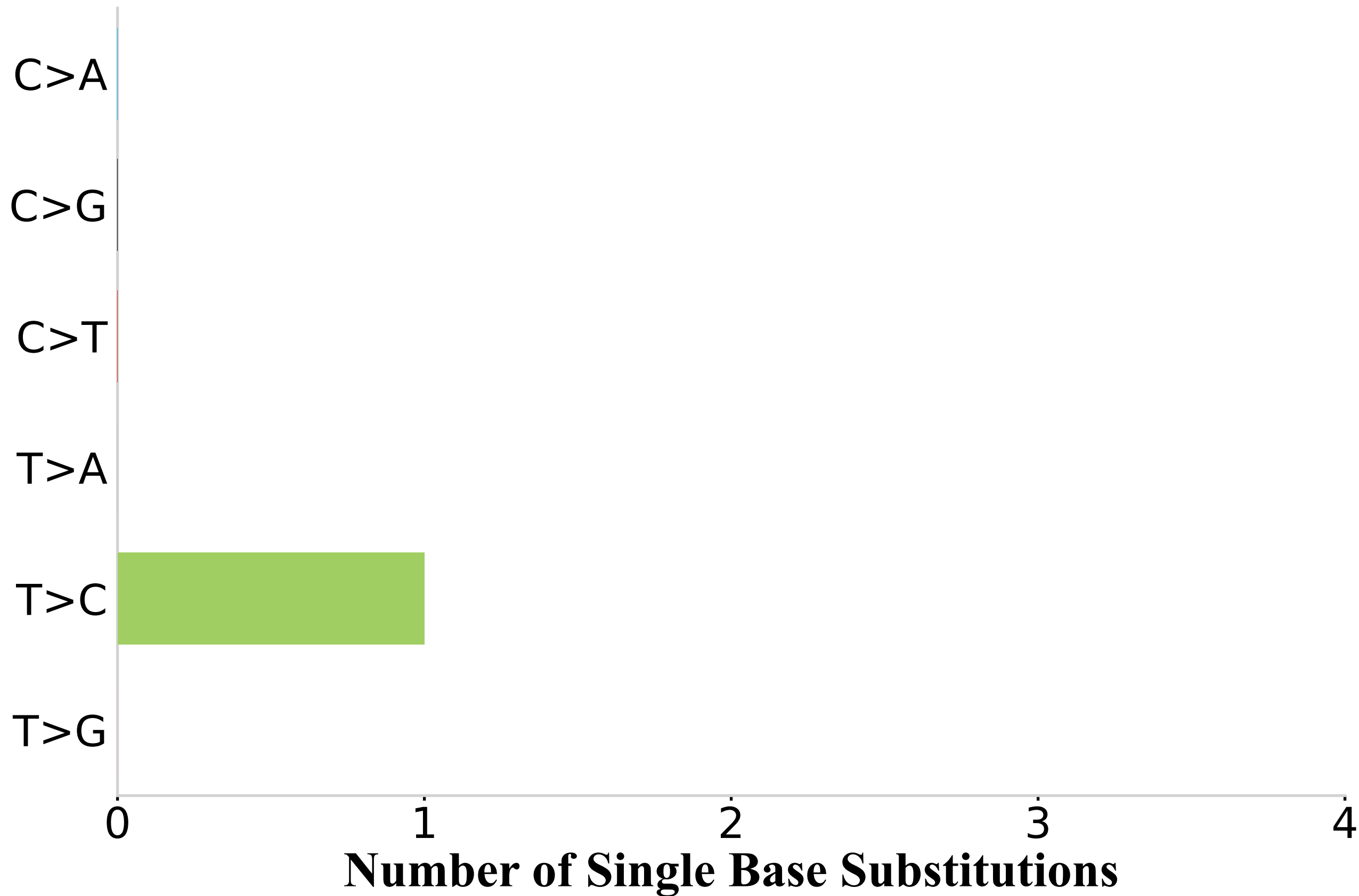


**P-0047384-T01-IM6: 5 subs**

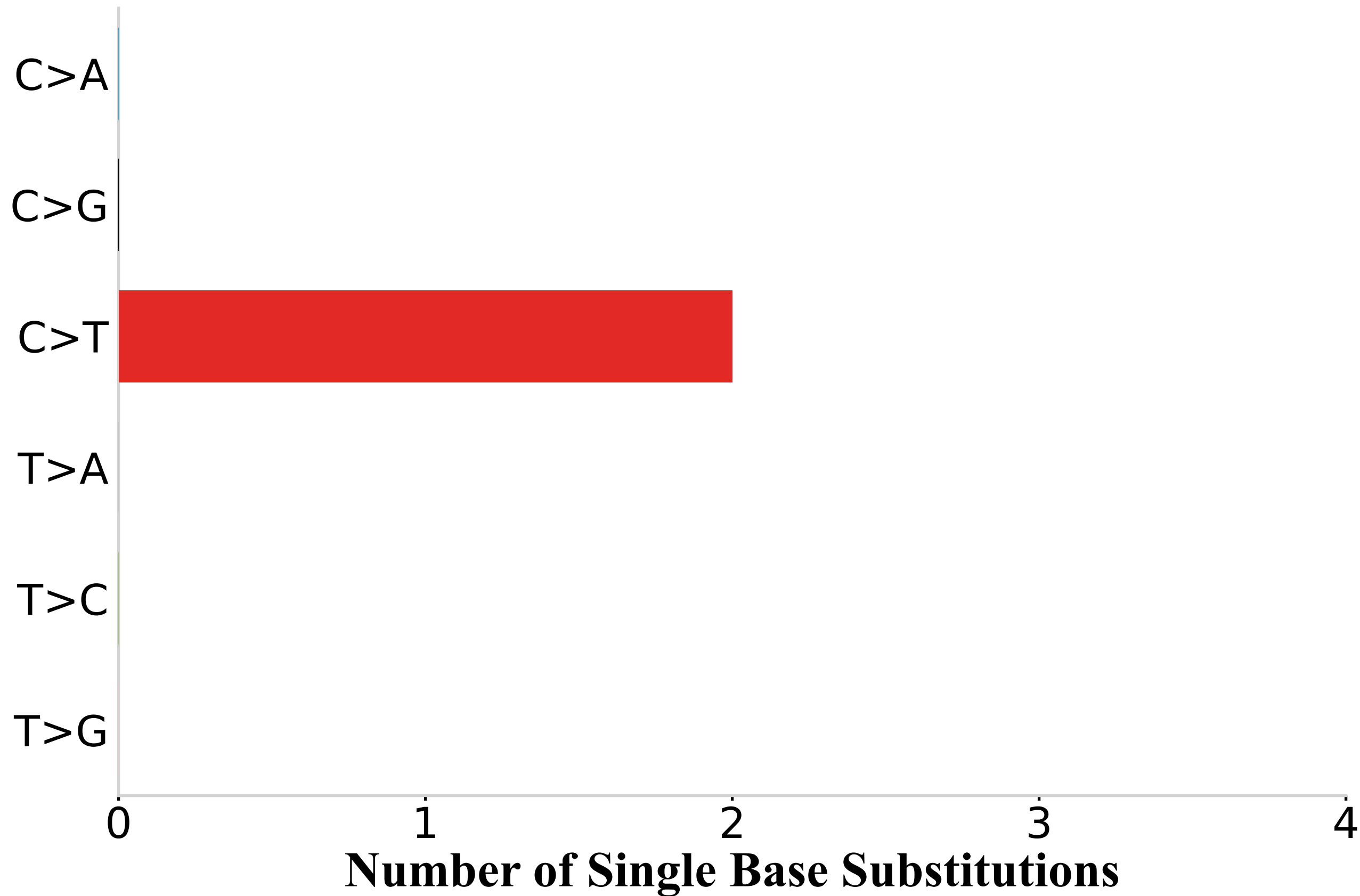




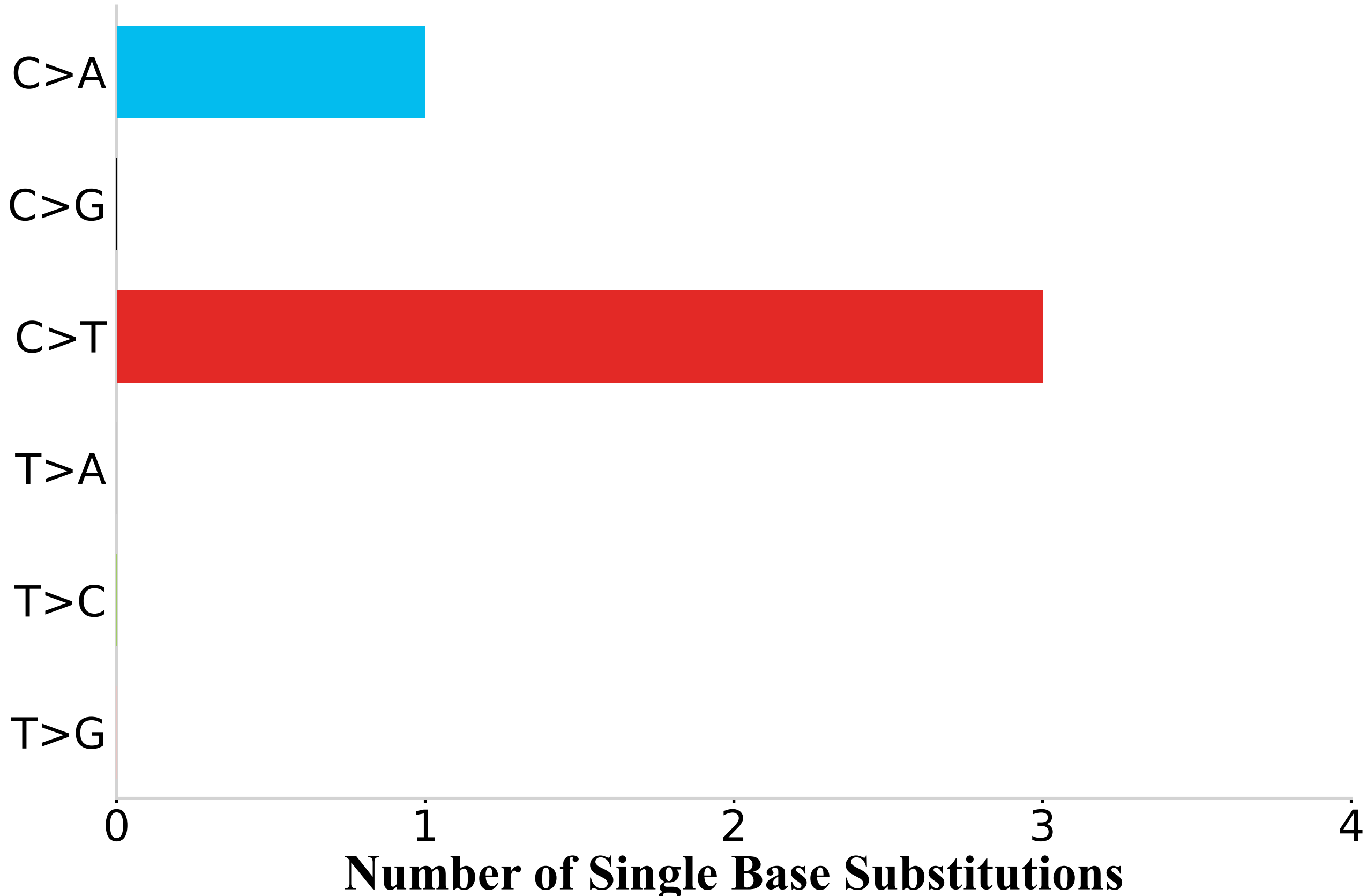
**P-0047460-T01-IM6: 1 subs**



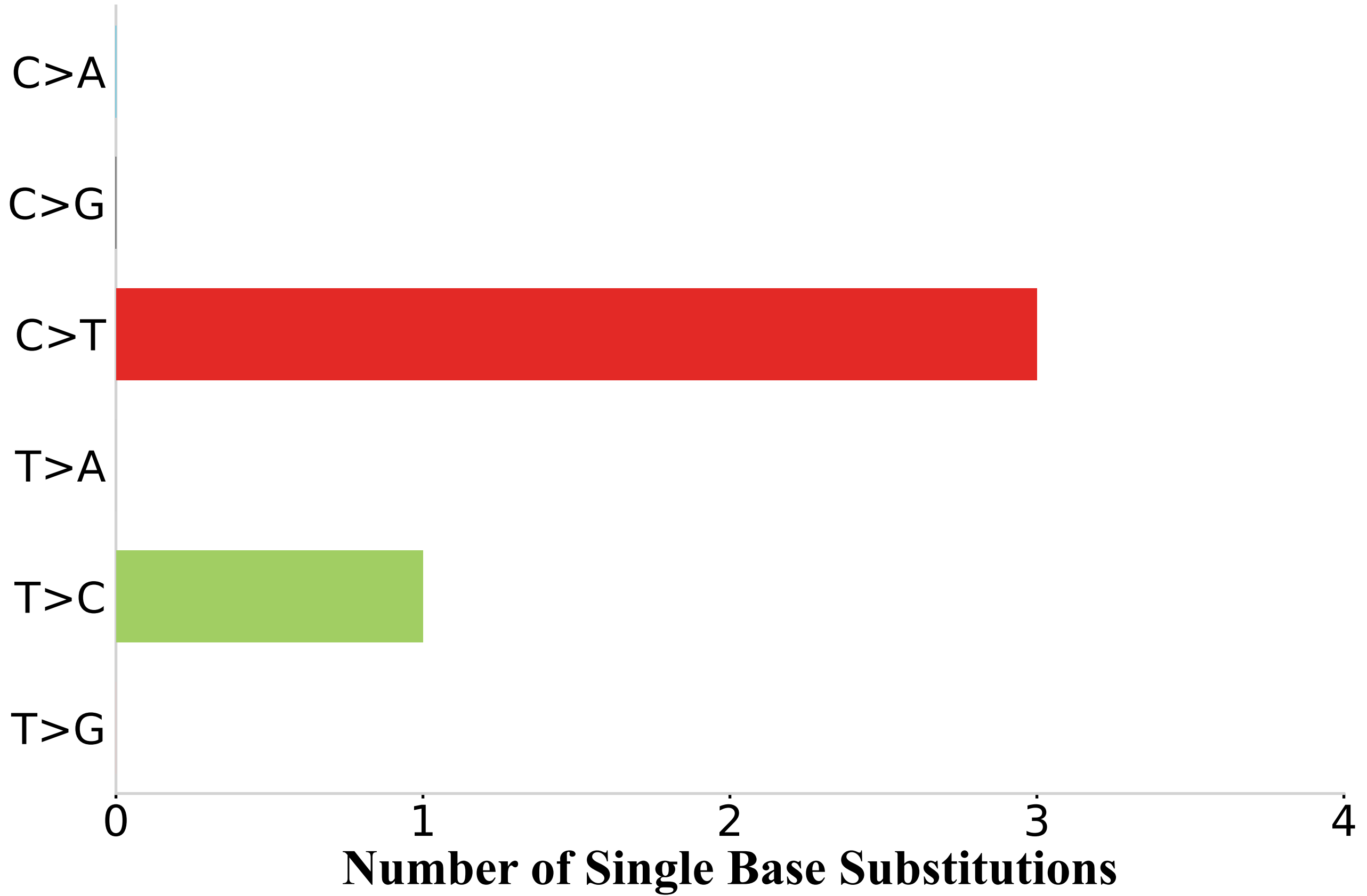
**P-0047789-T01-IM6: 2 subs**



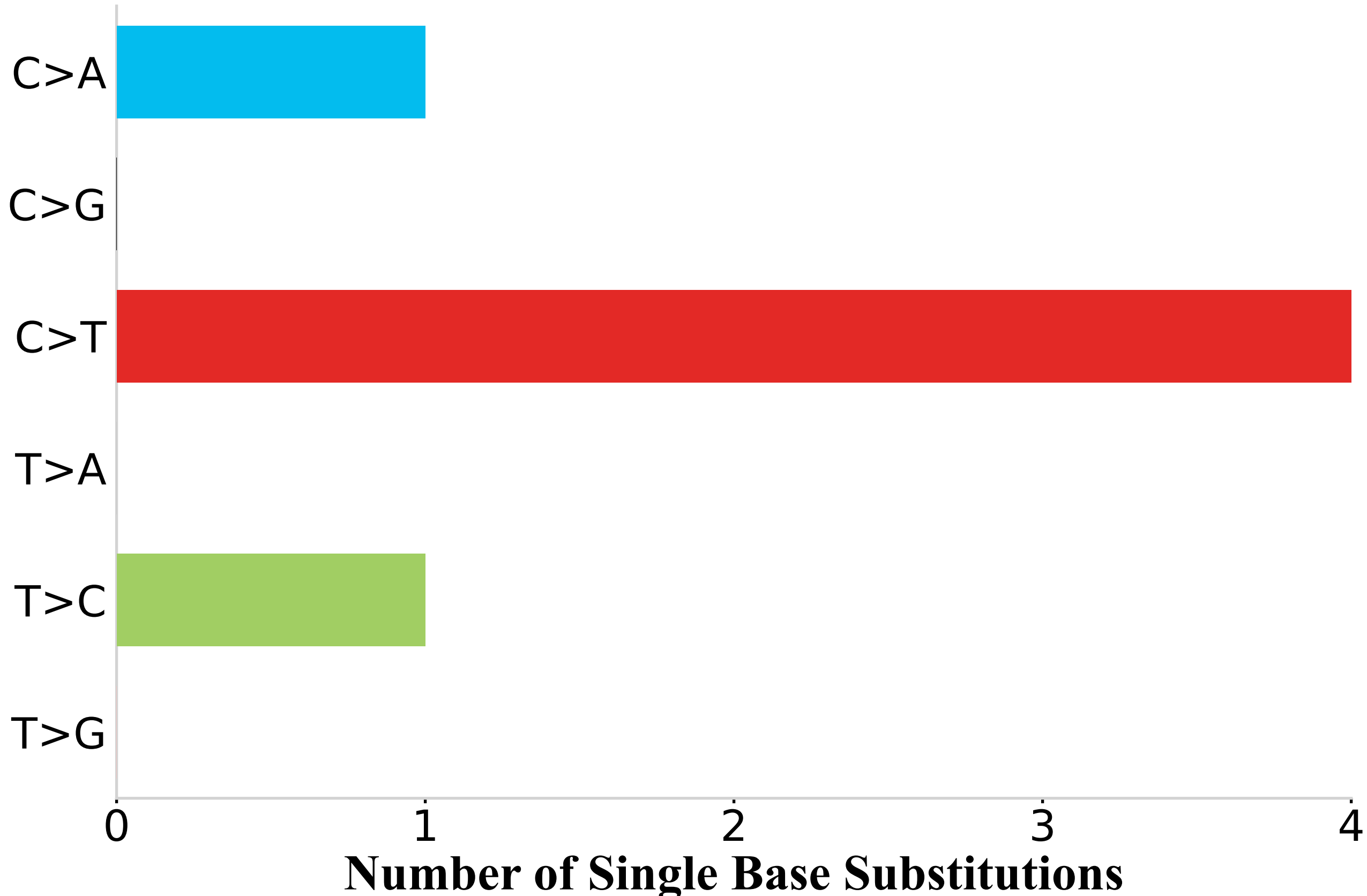
**P-0047945-T01-IM6: 4 subs**



**P-0048999-T01-IM6: 4 subs**



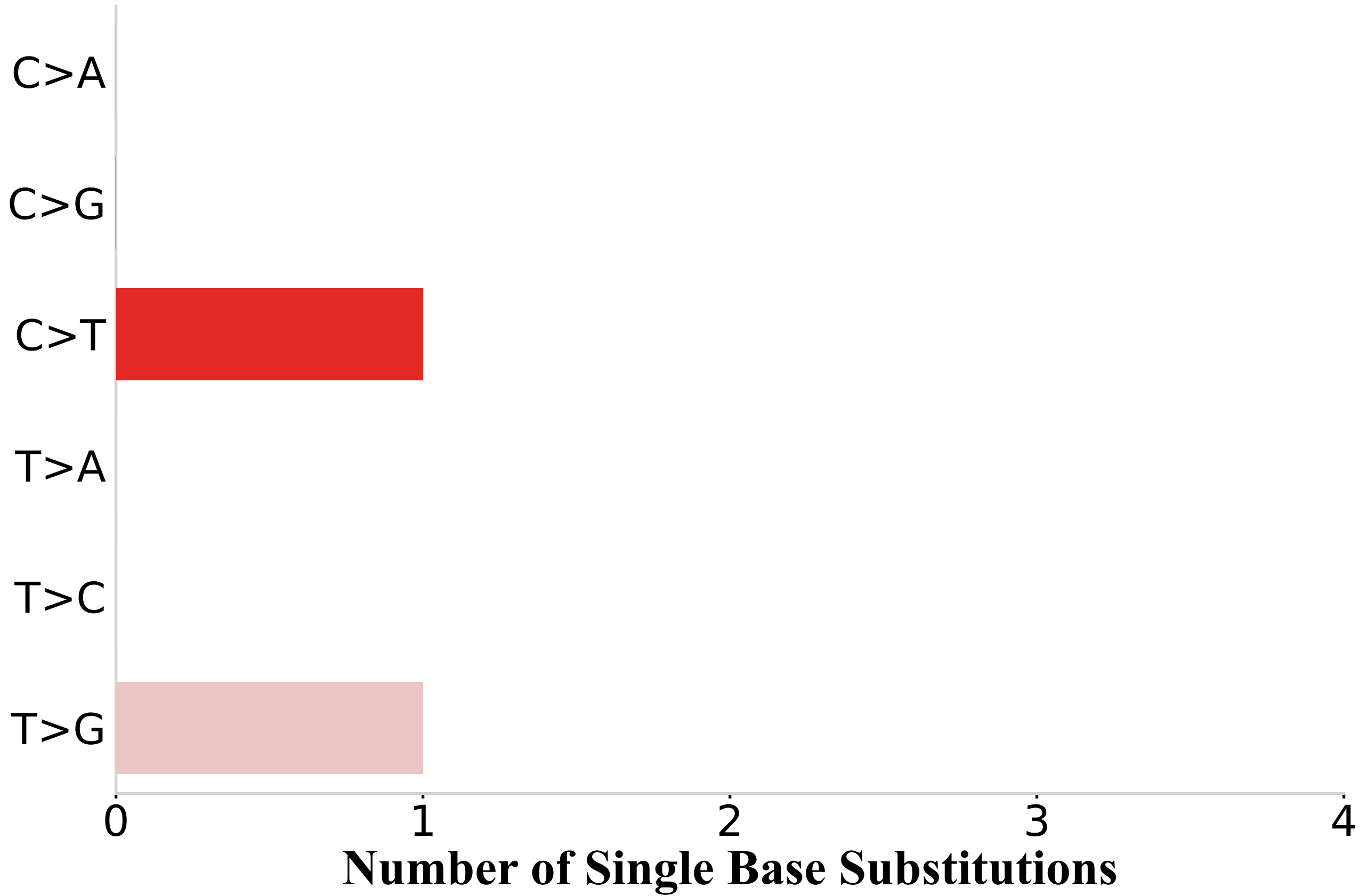
**P-0049625-T01-IM6: 6 subs**



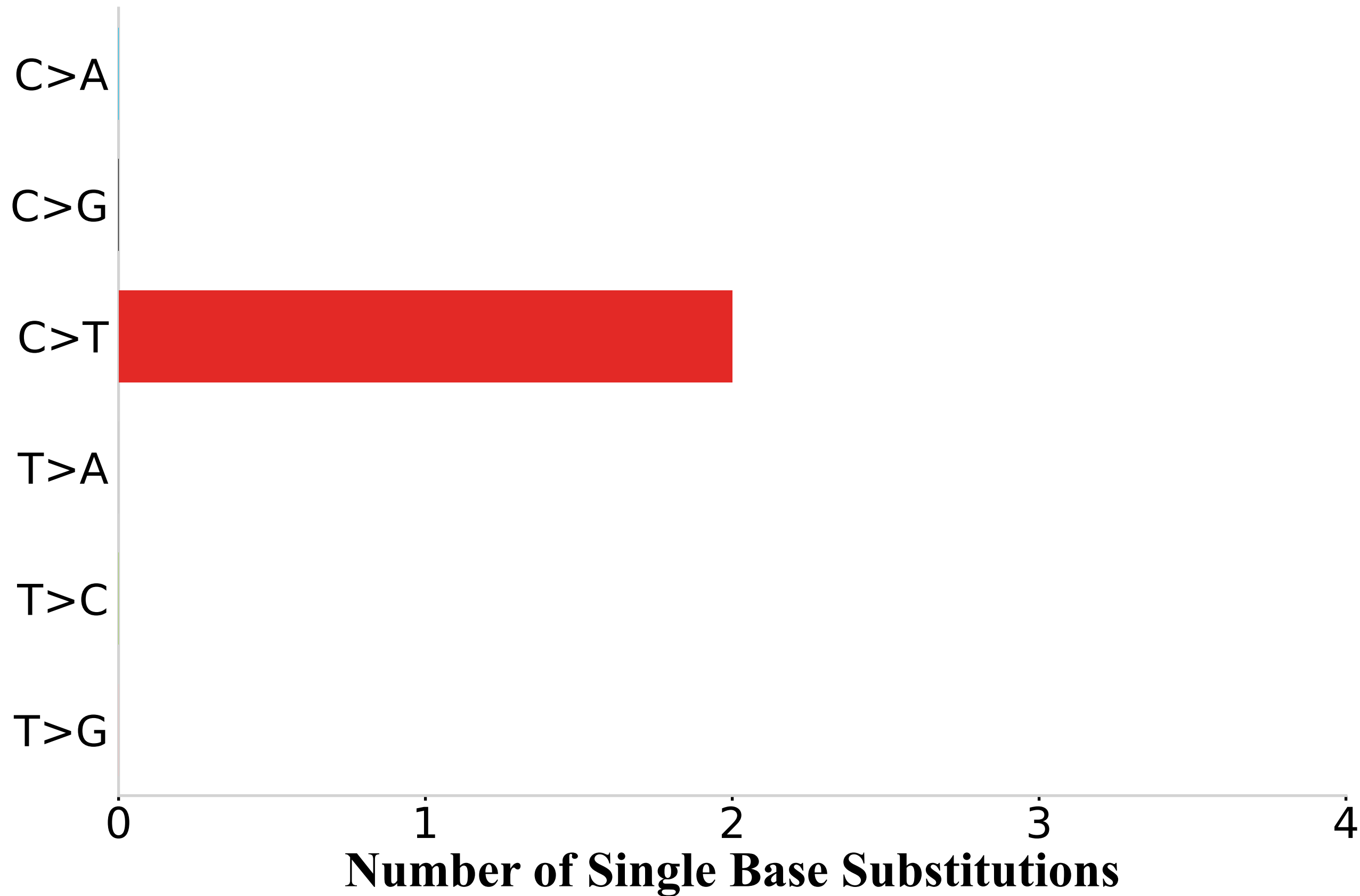
**P-0049746-T01-IM6: 1 subs**



**P-0049859-T01-IM6: 2 subs**



**P-0049978-T01-IM6: 2 subs**





**P-0050237-T01-IM6: 3 subs**

