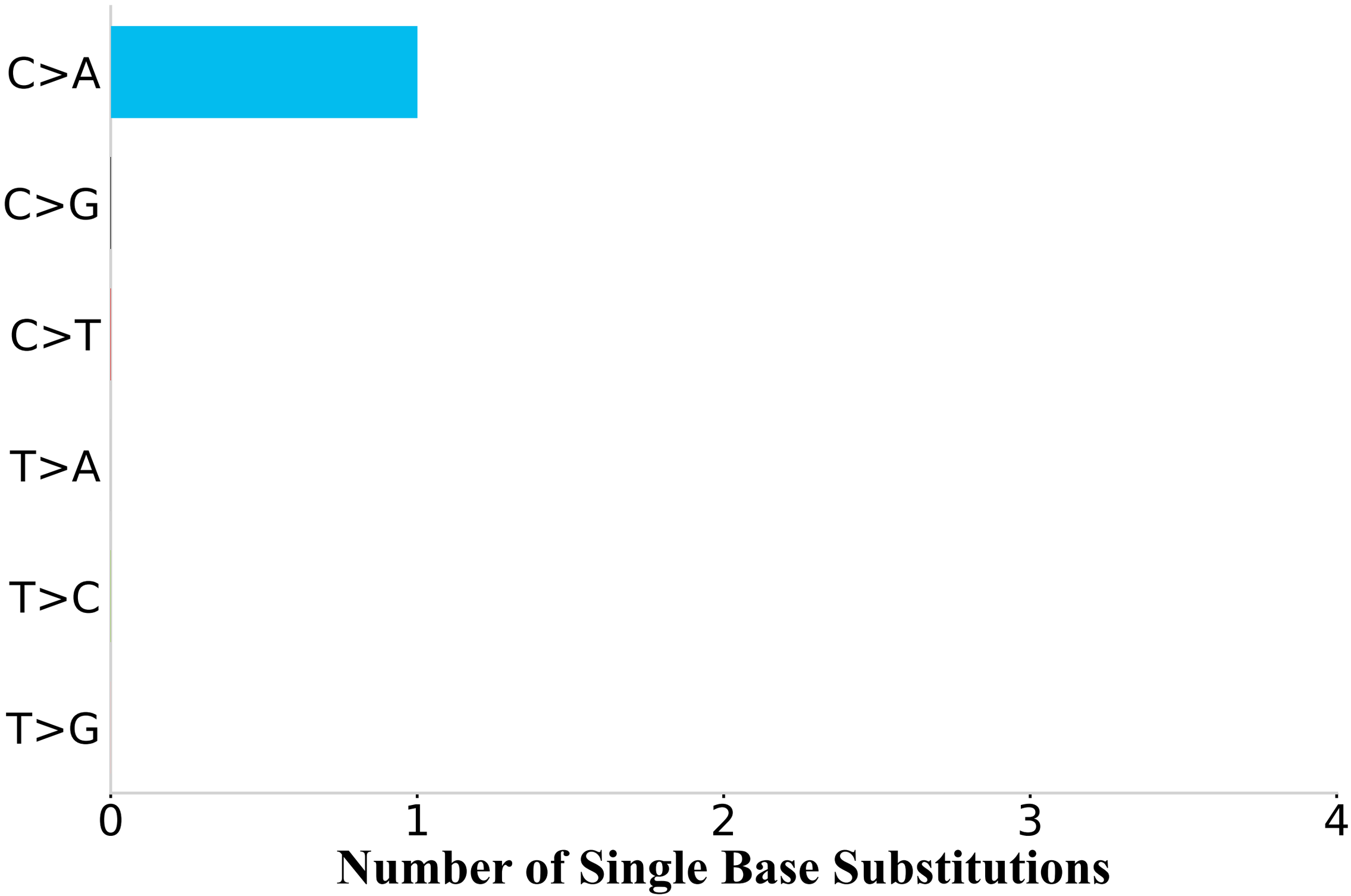
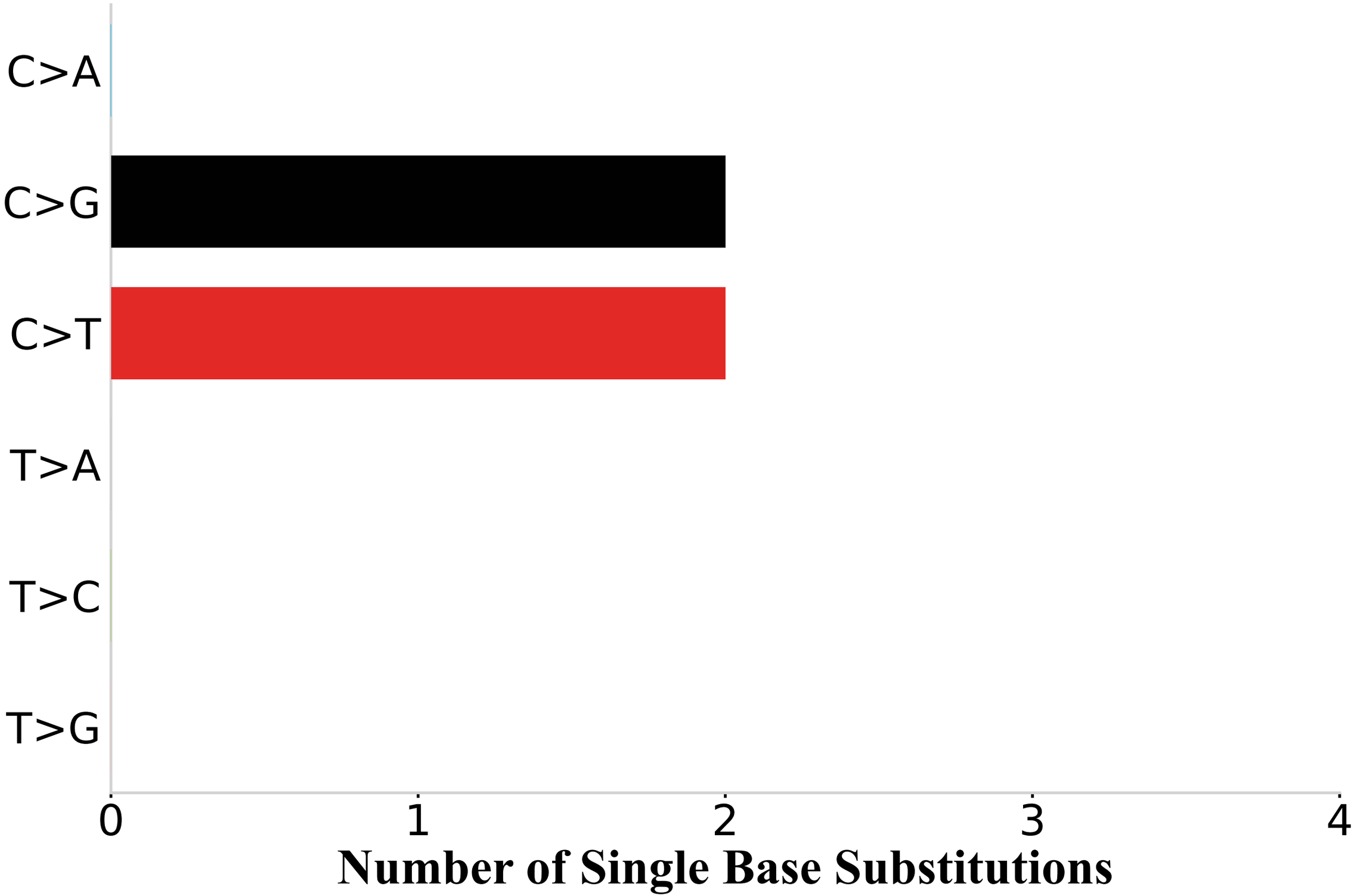
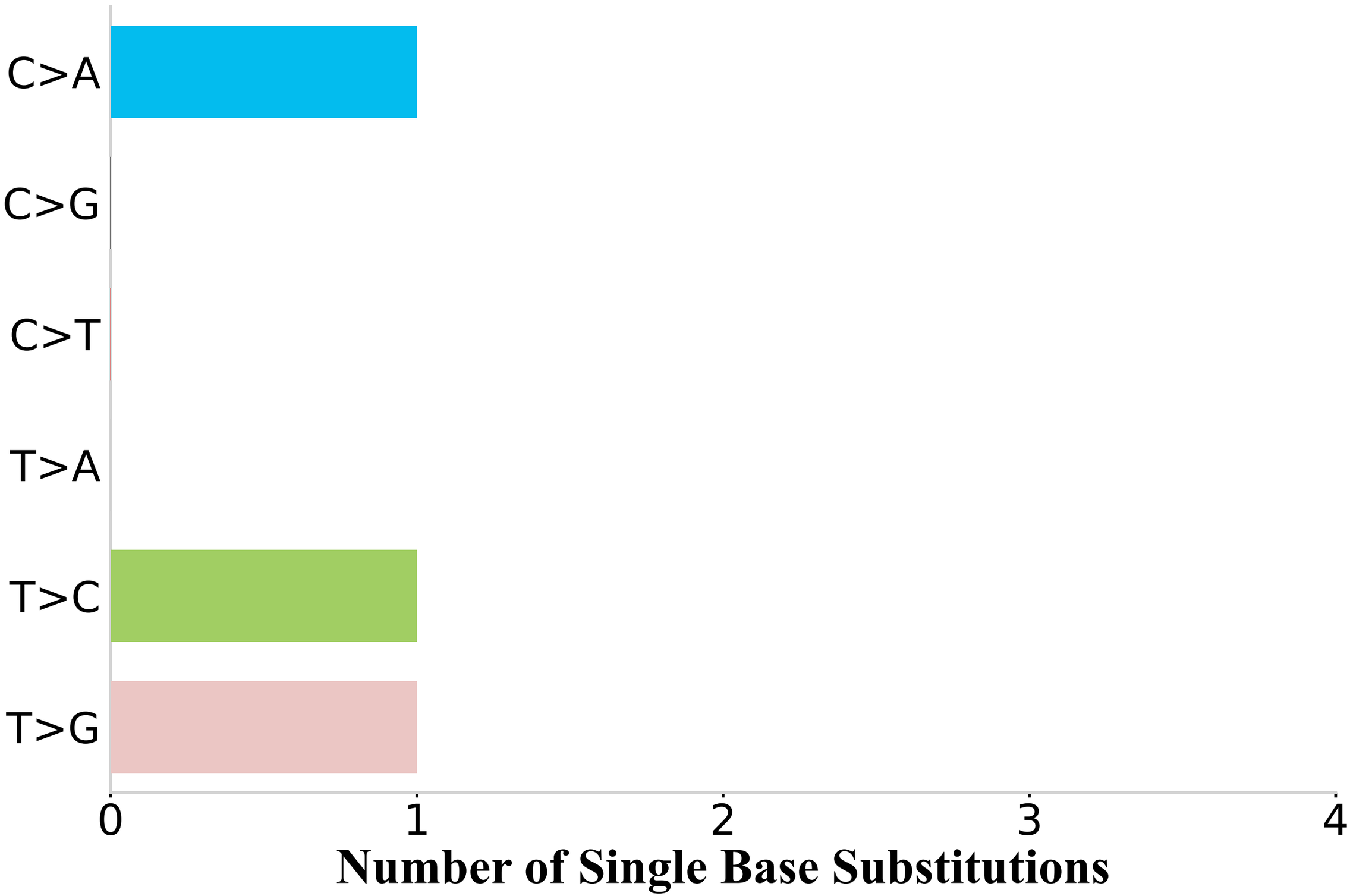

P-0000202-T01-IM3: 1 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

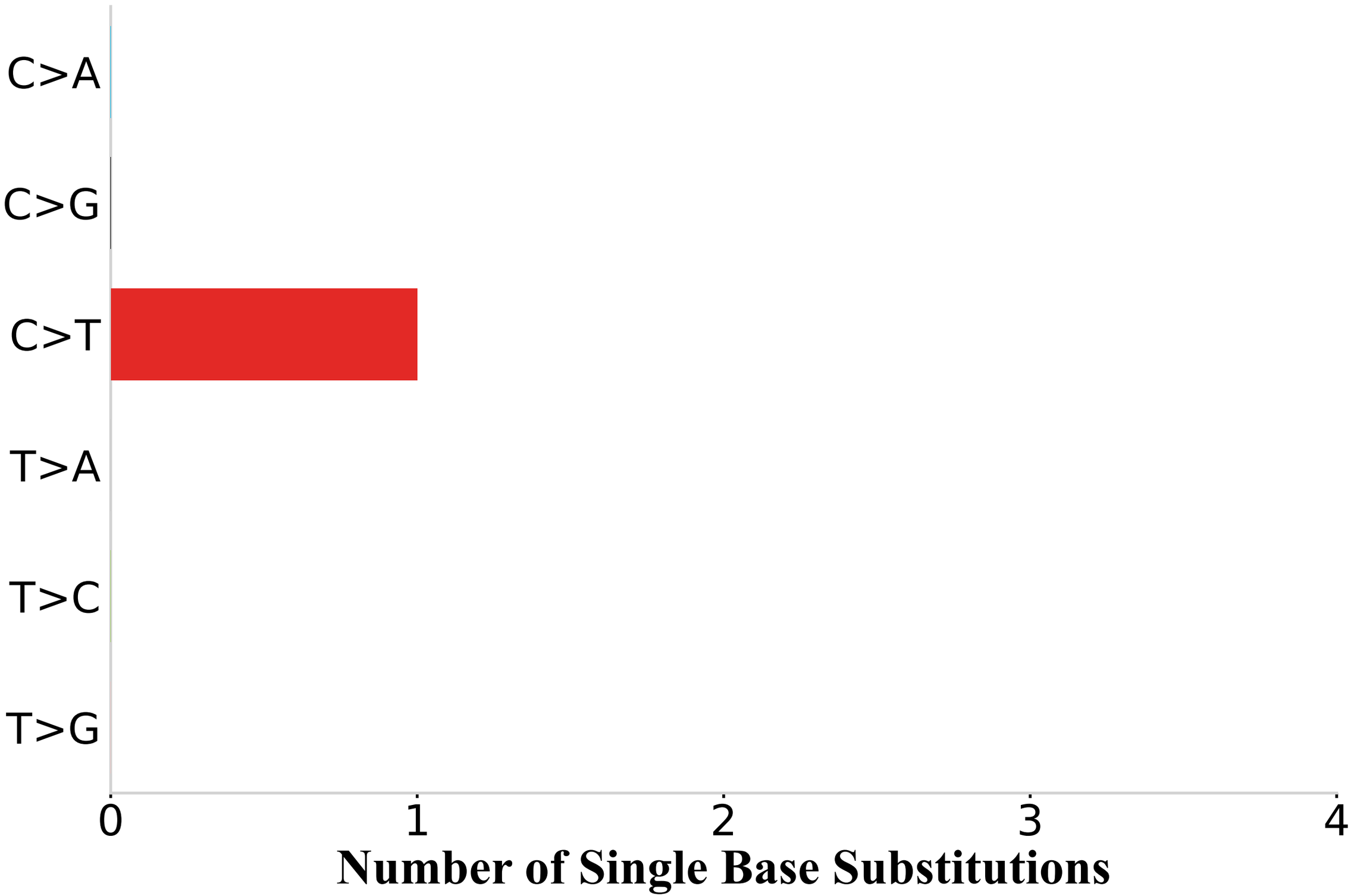
P-0000374-T01-IM3: 1 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

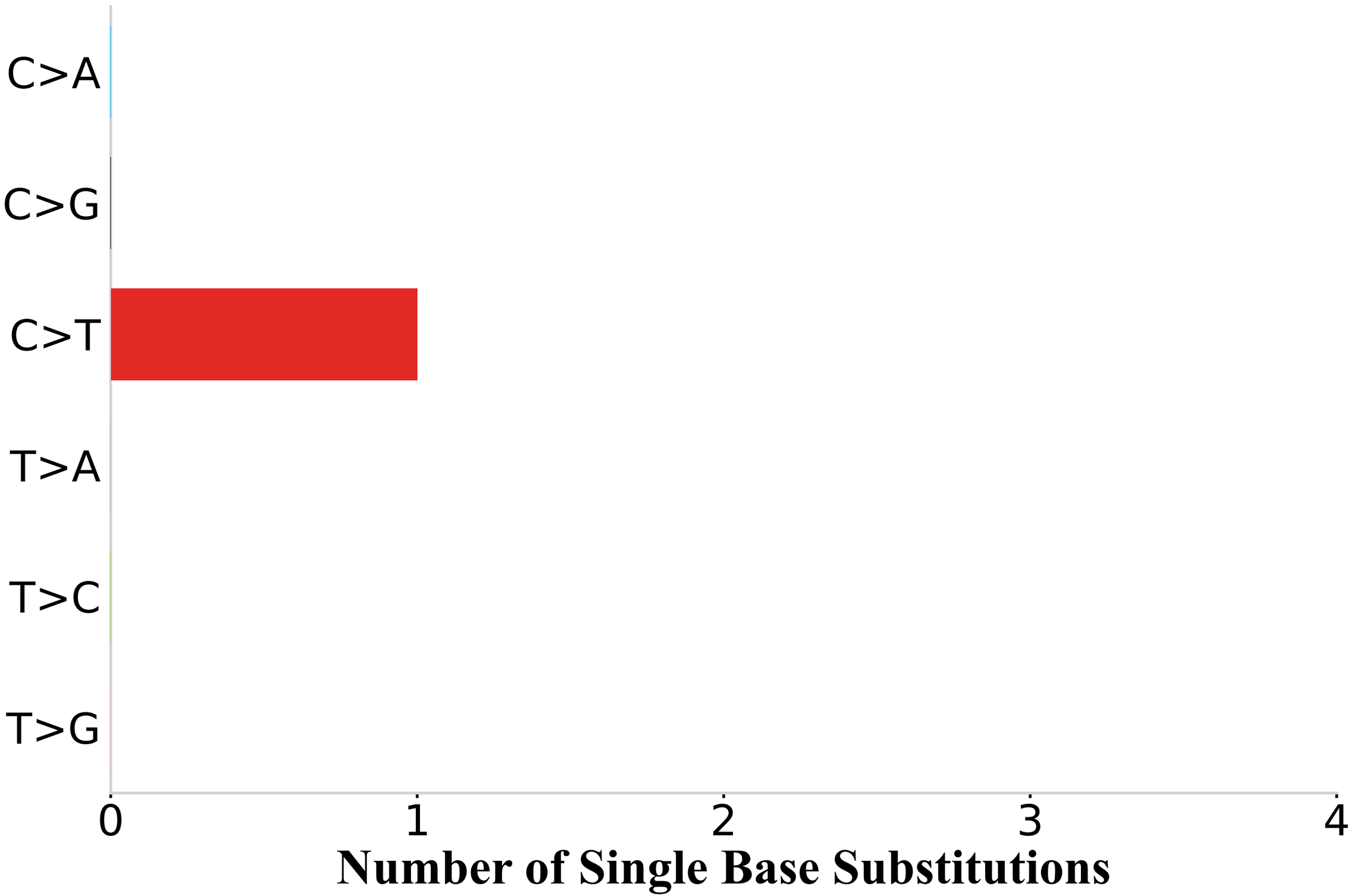
P-0000434-T01-IM3: 4 subs



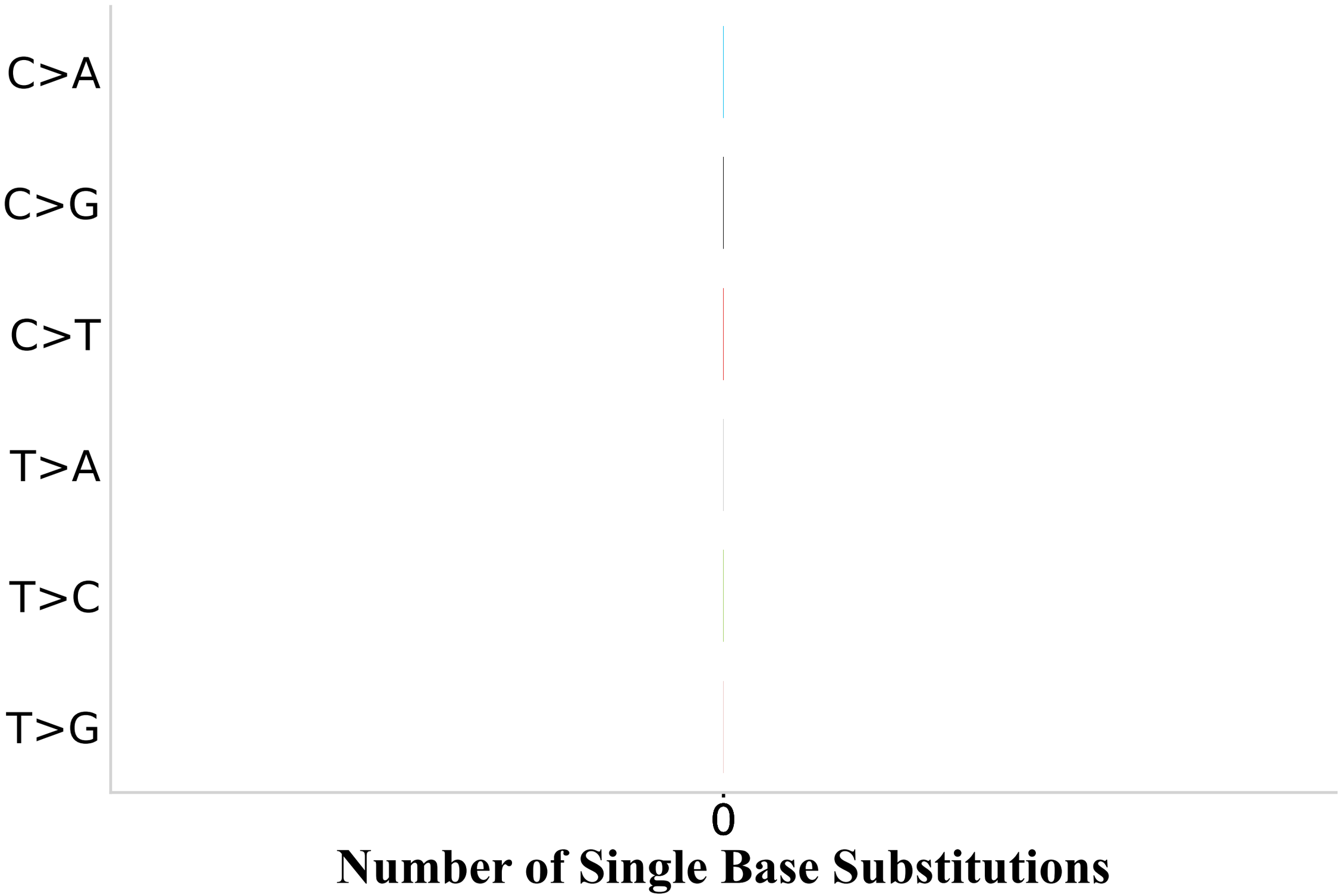
P-0000507-T01-IM3: 3 subs



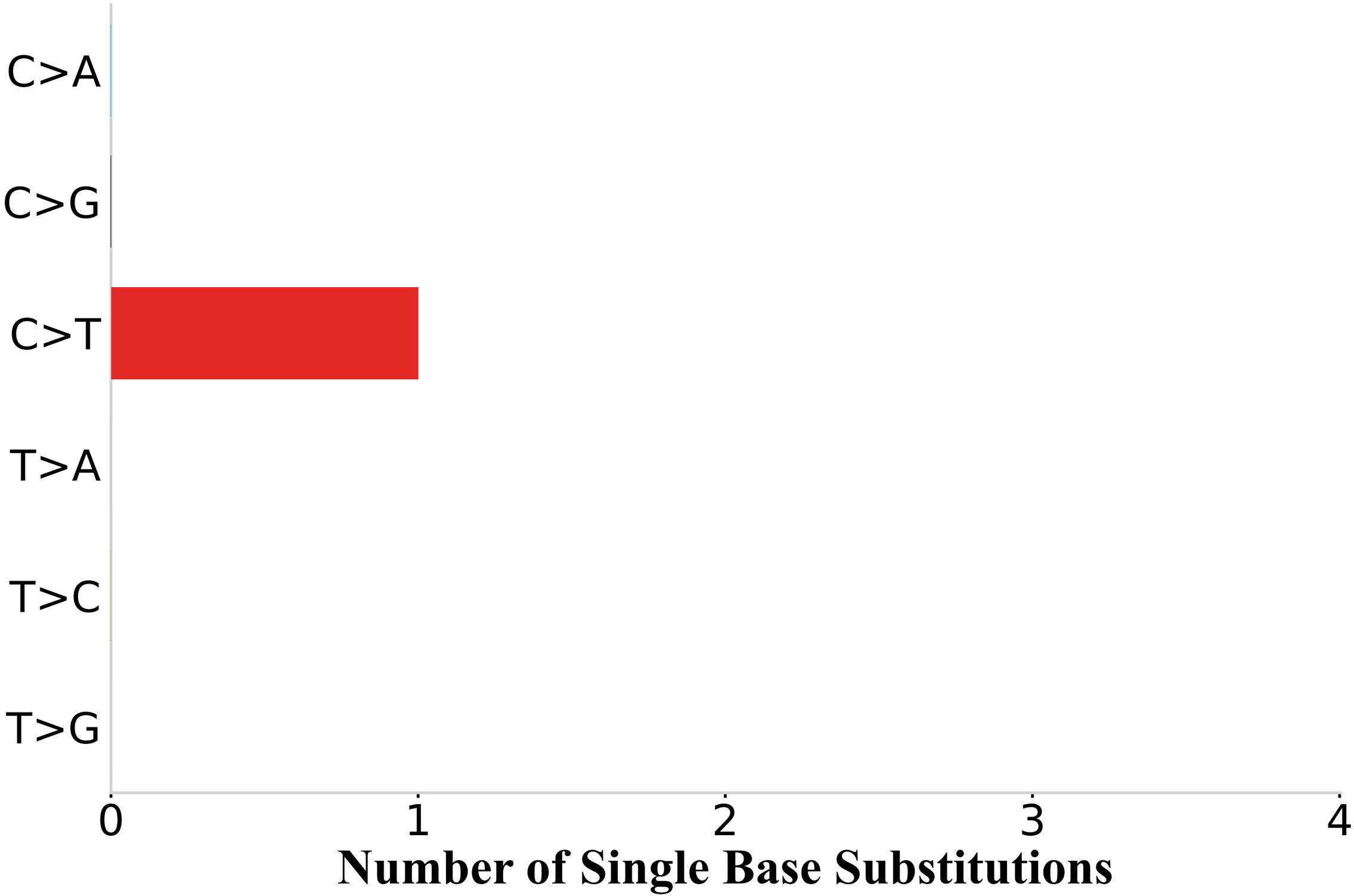

P-0000524-T01-IM3: 1 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions


P-0000618-T01-IM3: 1 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

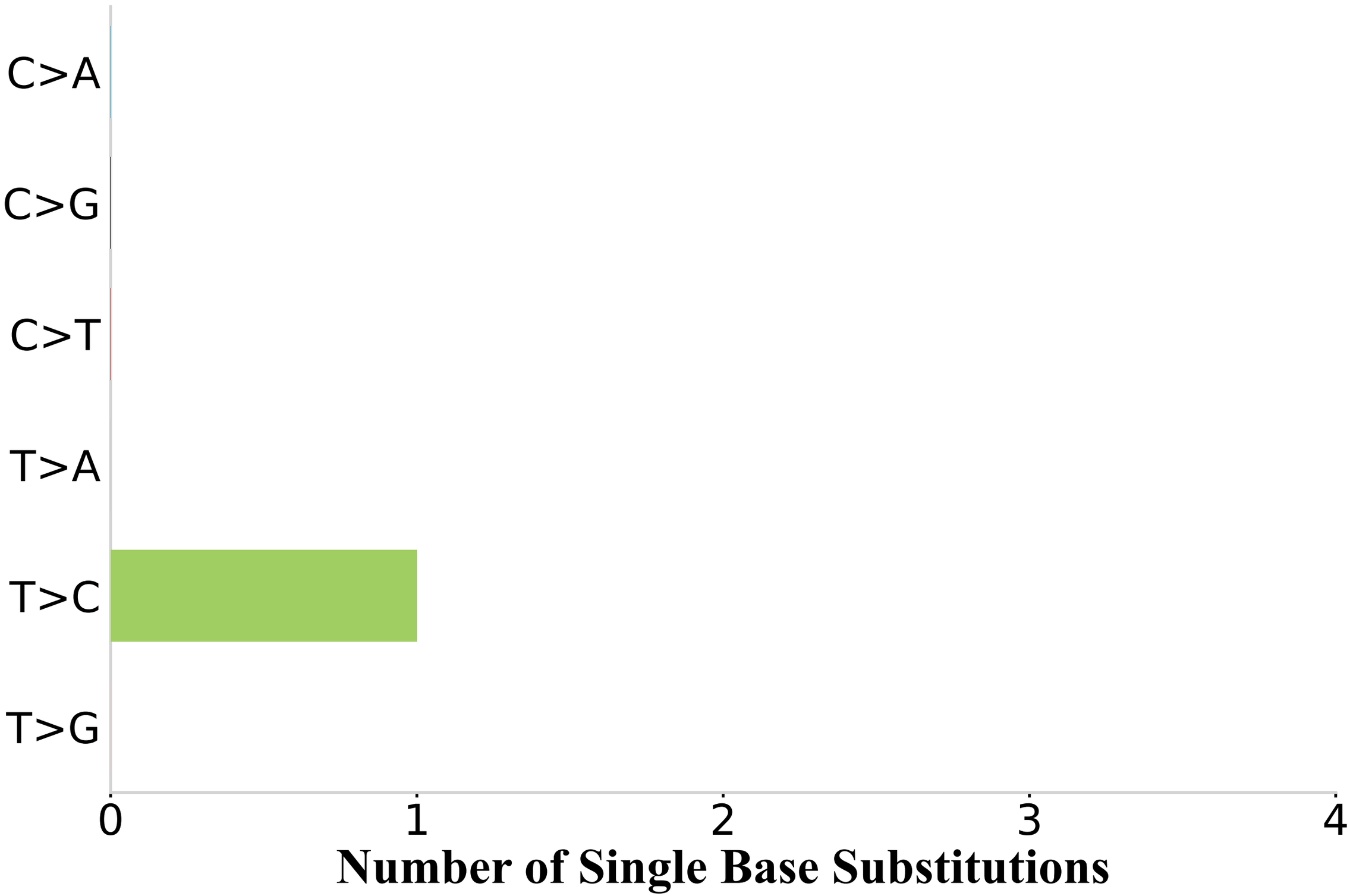
P-0000623-T02-IM5: 0 subs



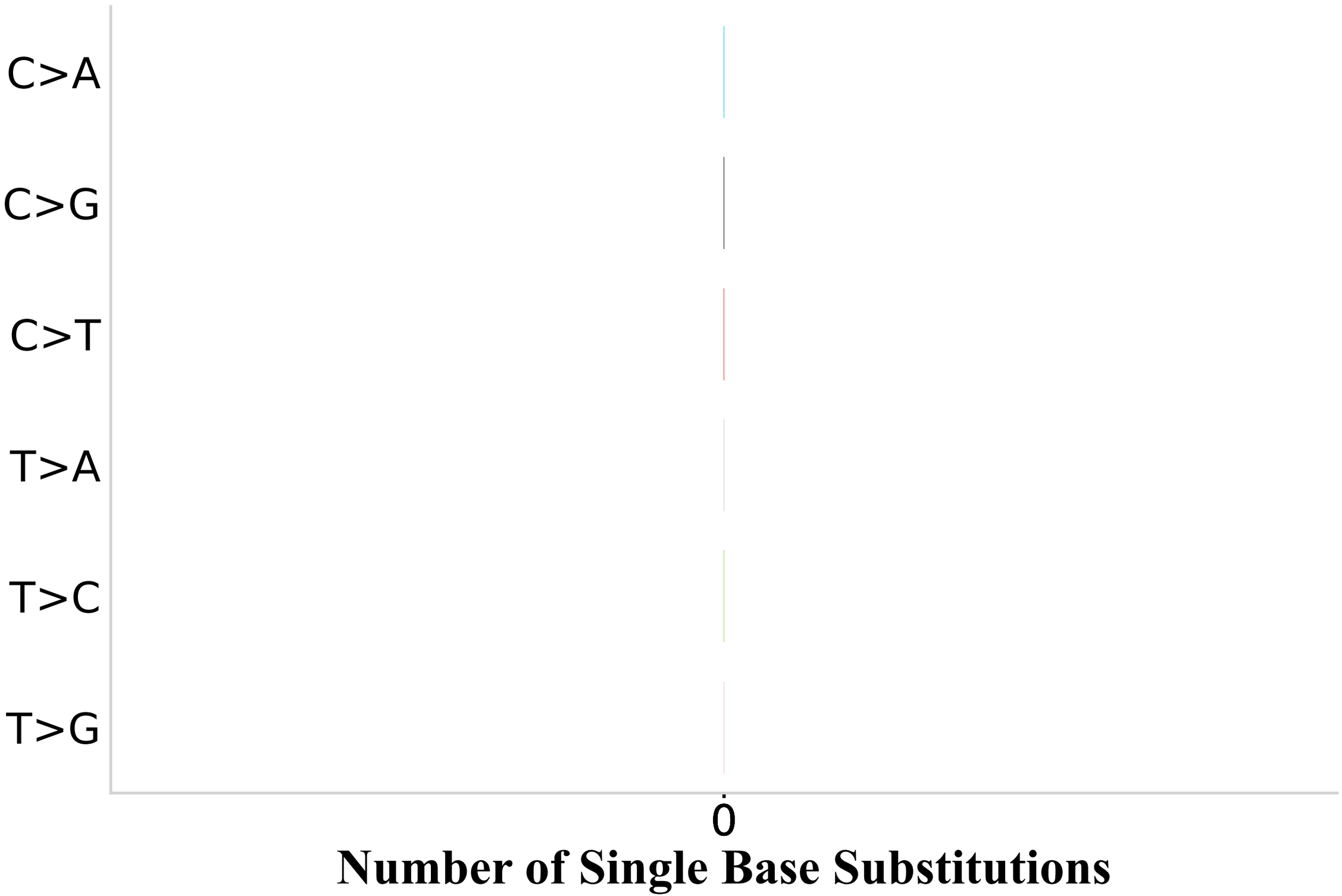
P-0000717-T01-IM3: 1 subs



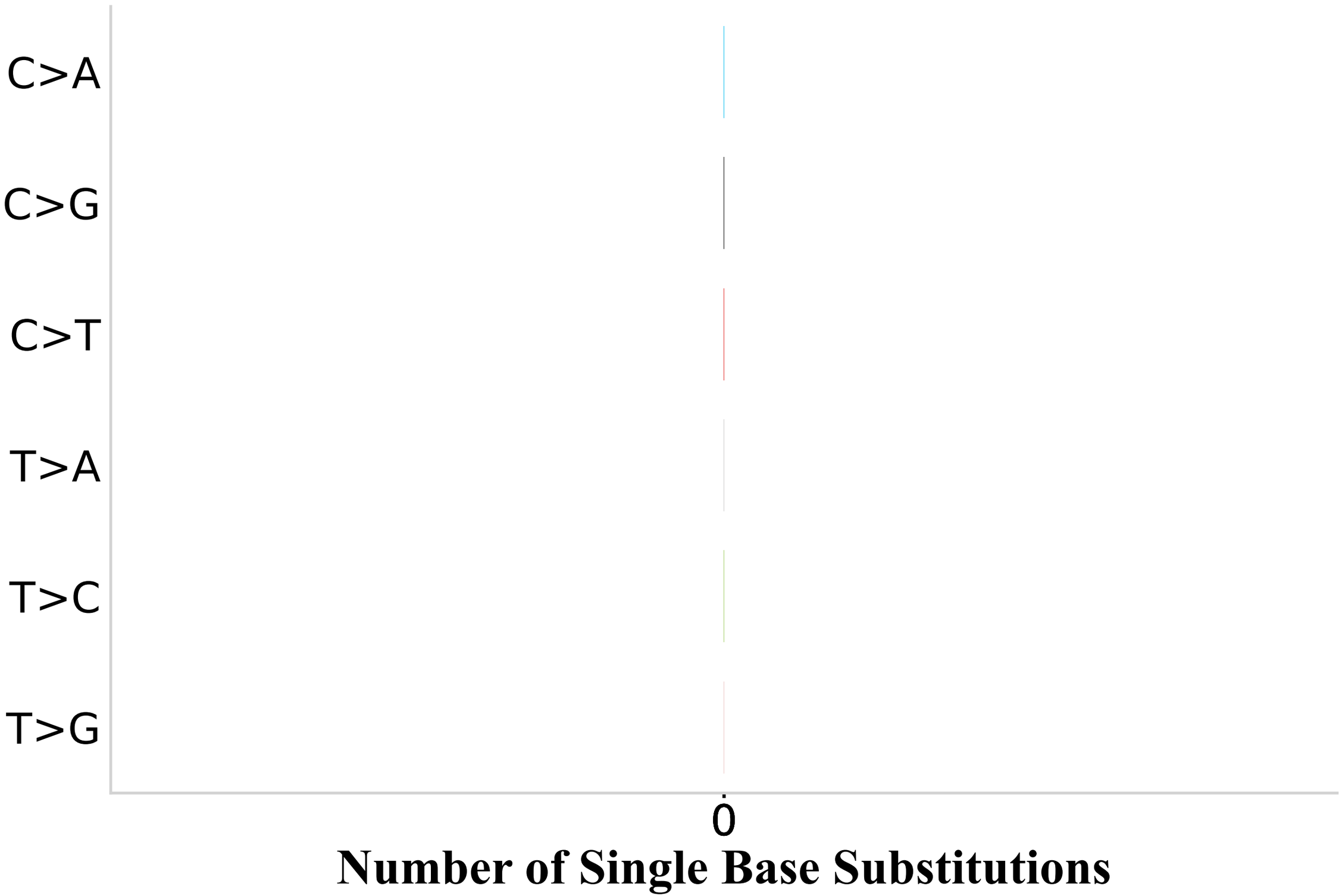
P-0000790-T01-IM3: 1 subs



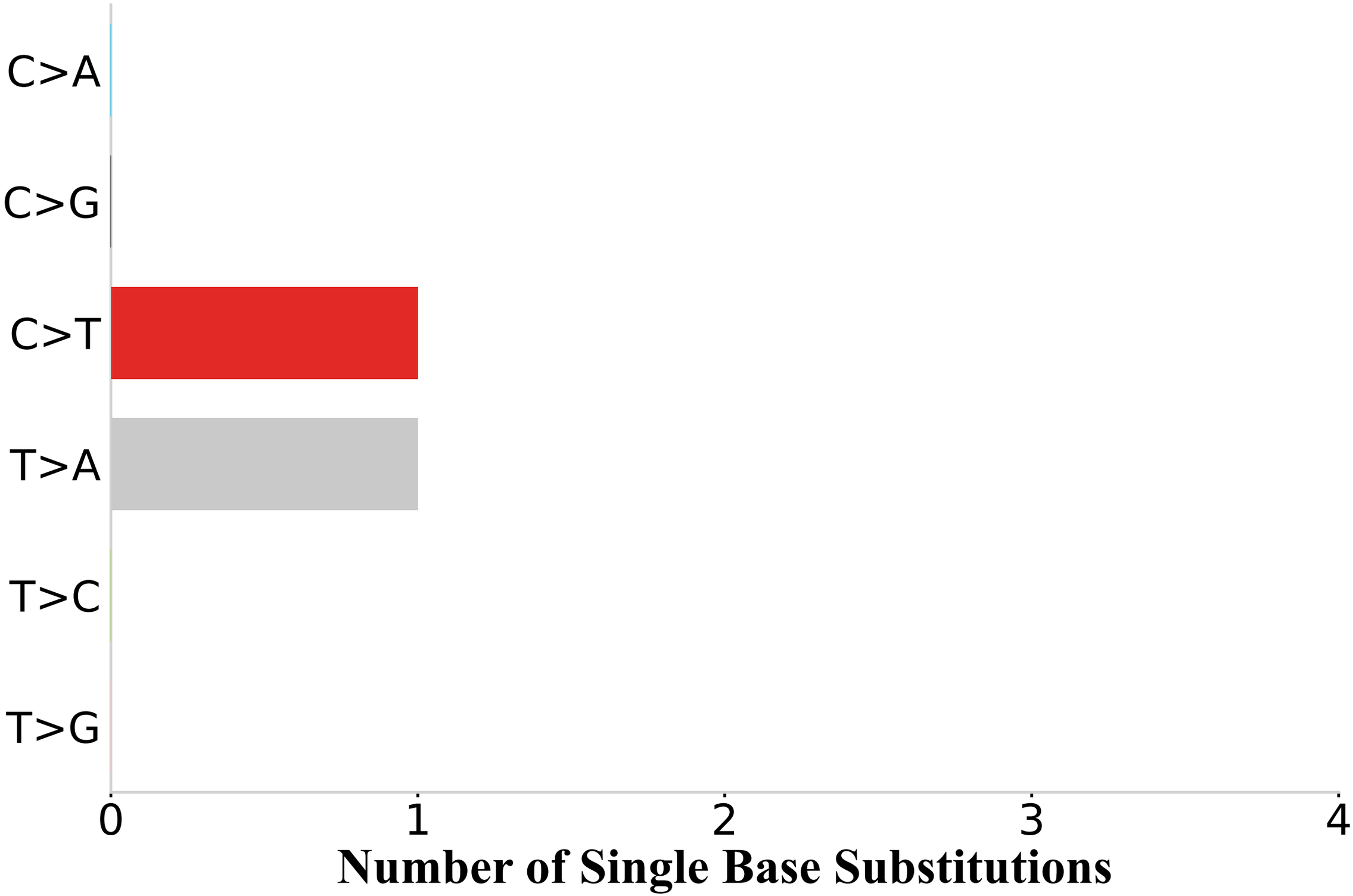
P-0000792-T01-IM3: 0 subs



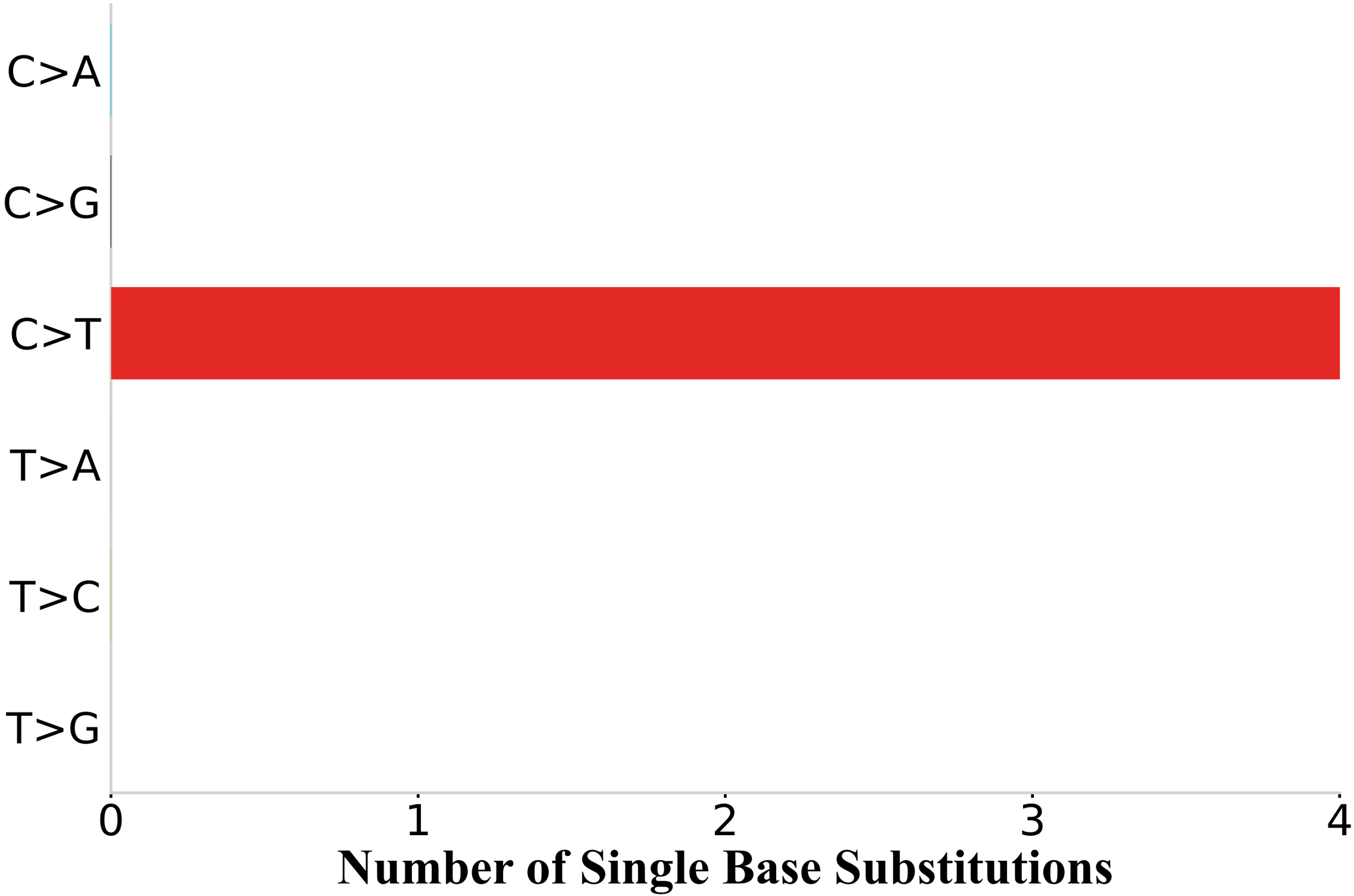
P-0000948-T01-IM3: 0 subs

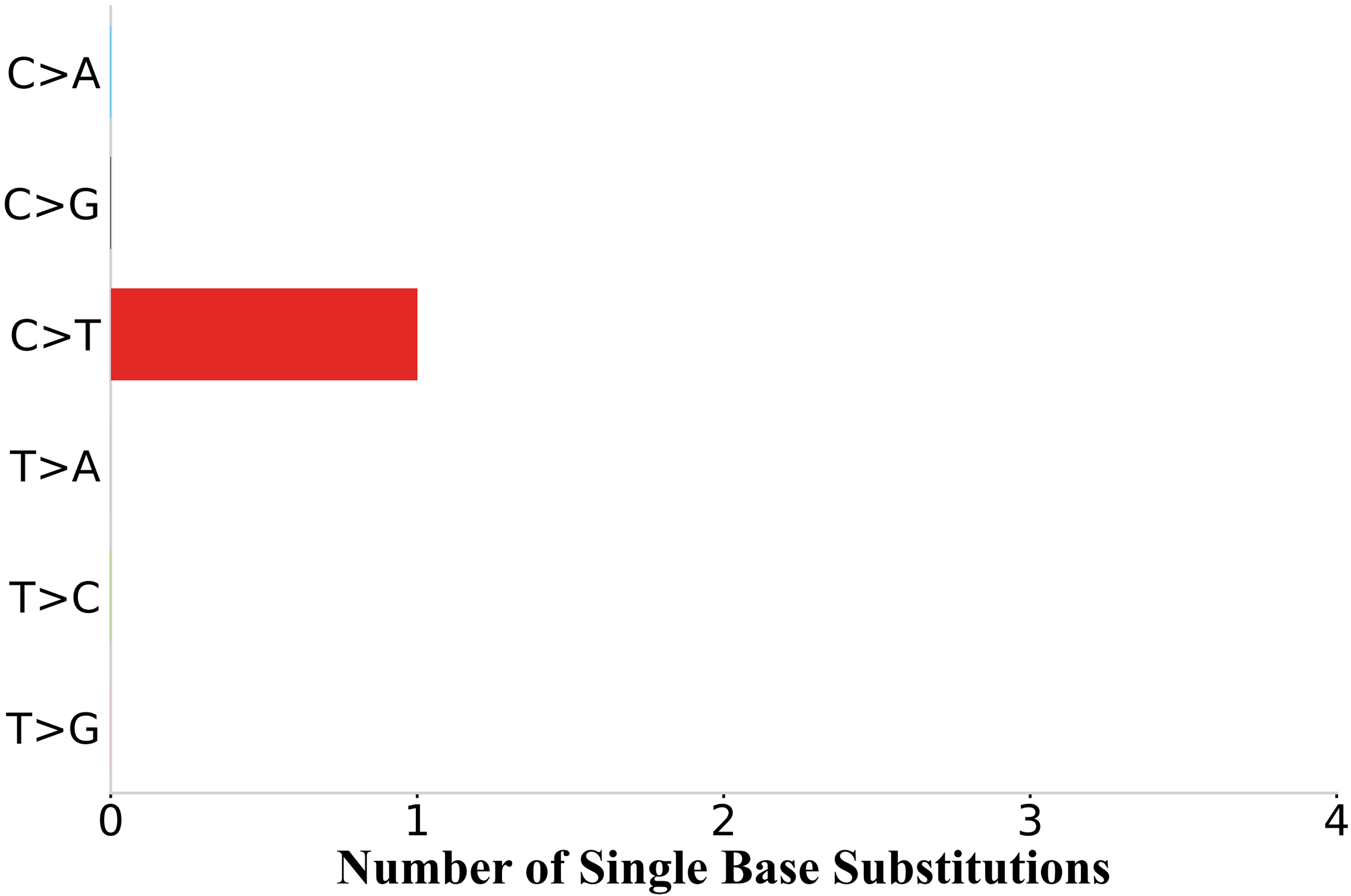


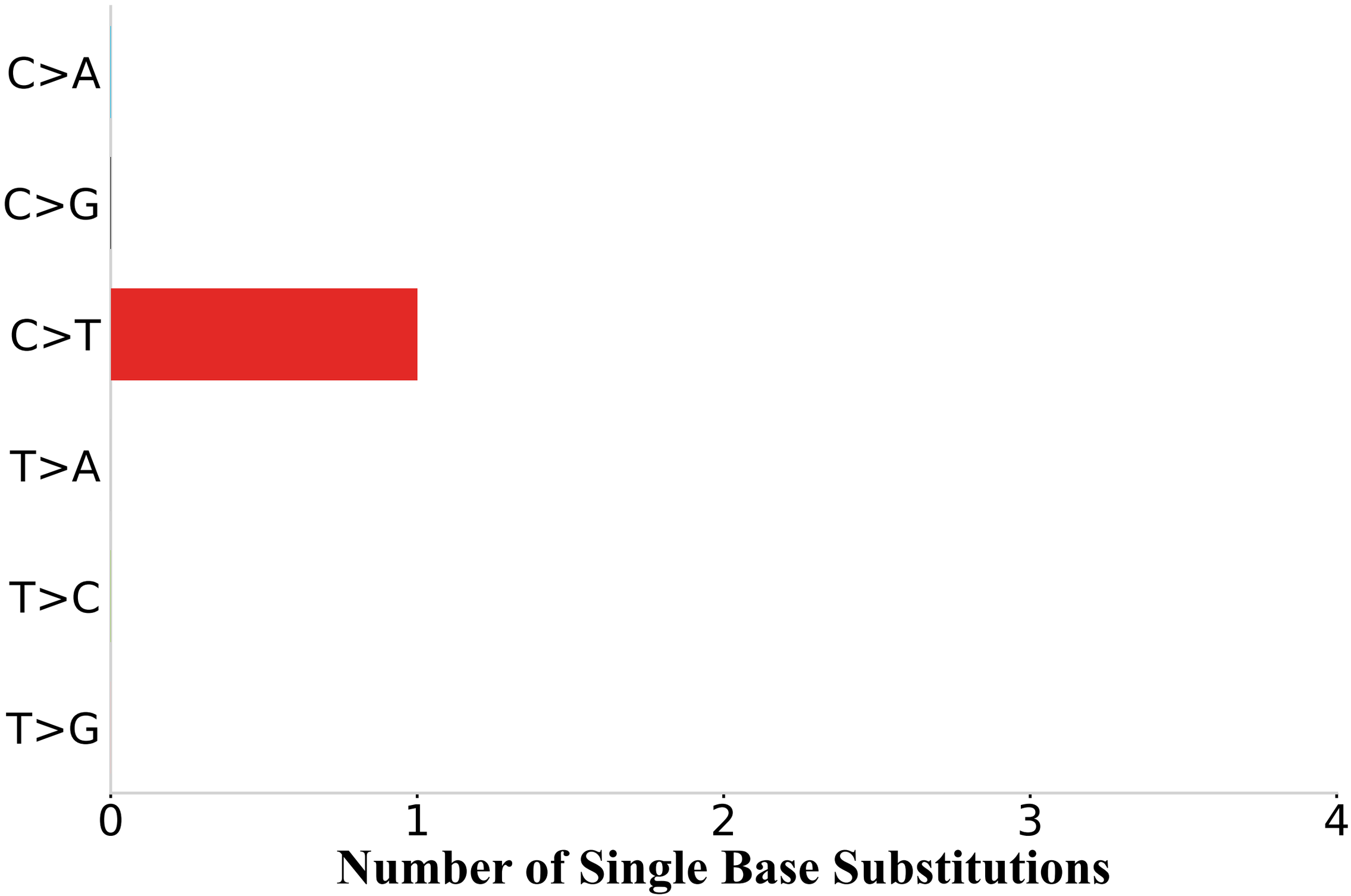
P-0000980-T01-IM3: 2 subs



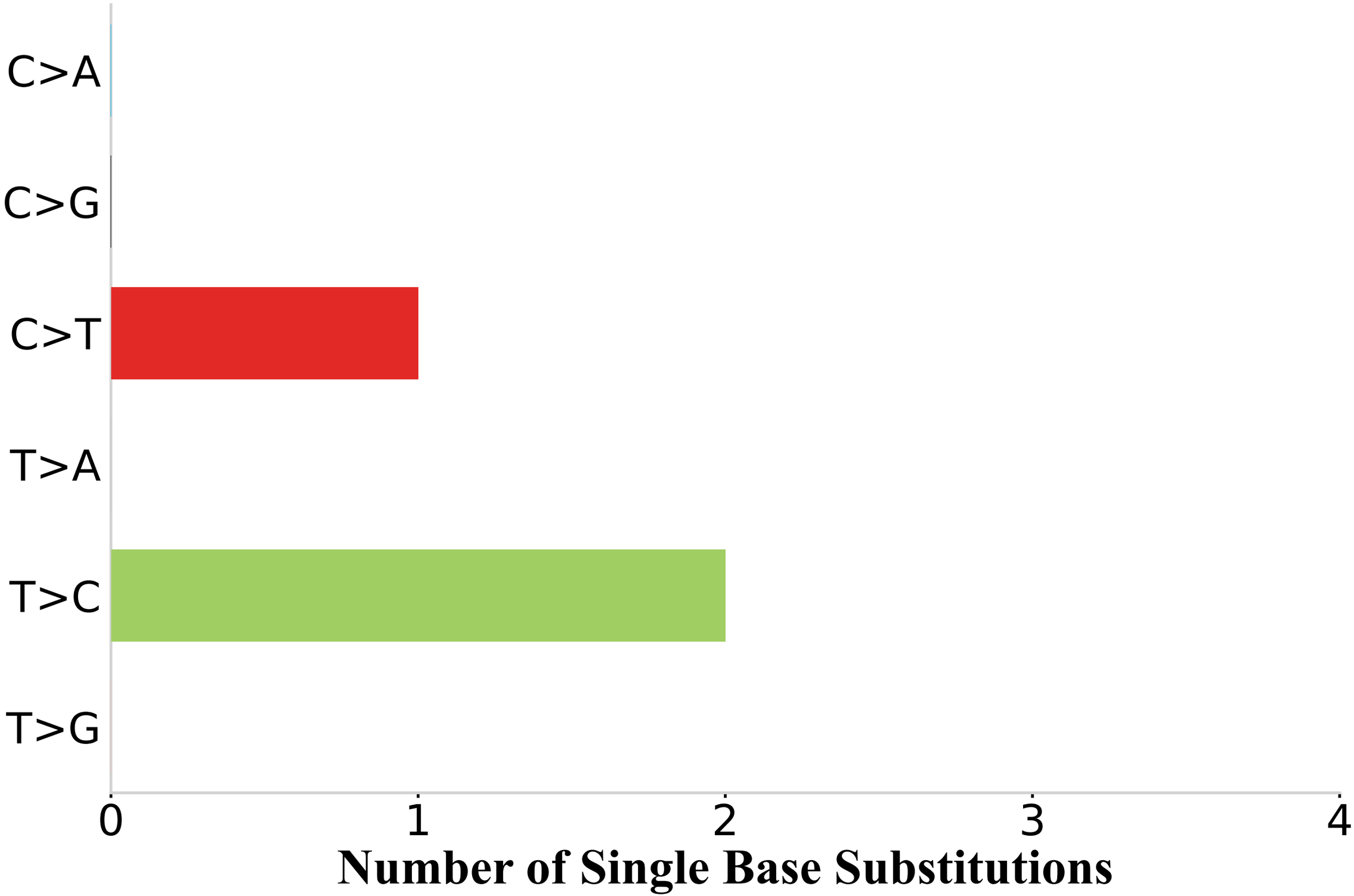
P-0001201-T01-IM3: 4 subs

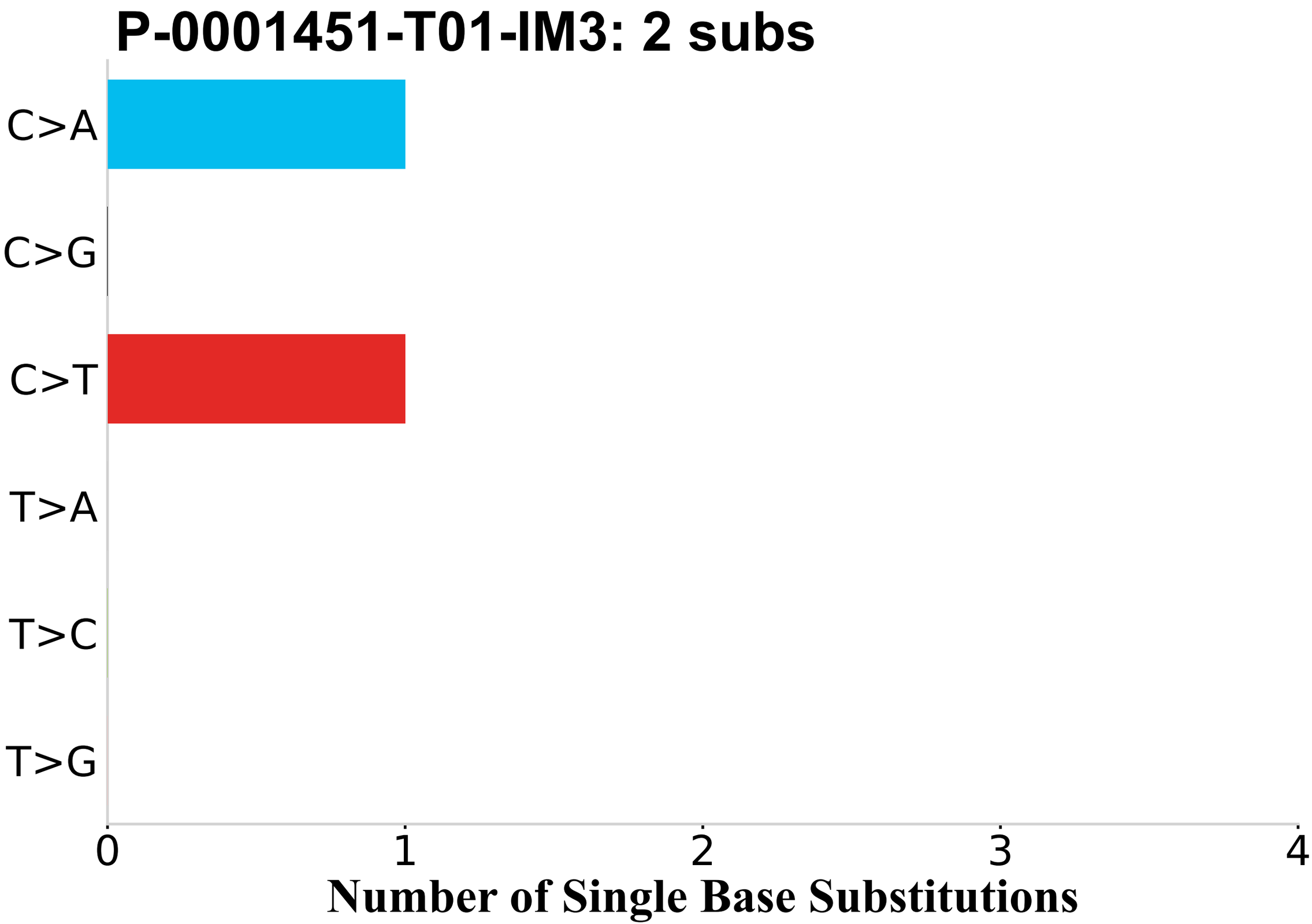



P-0001239-T01-IM3: 1 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

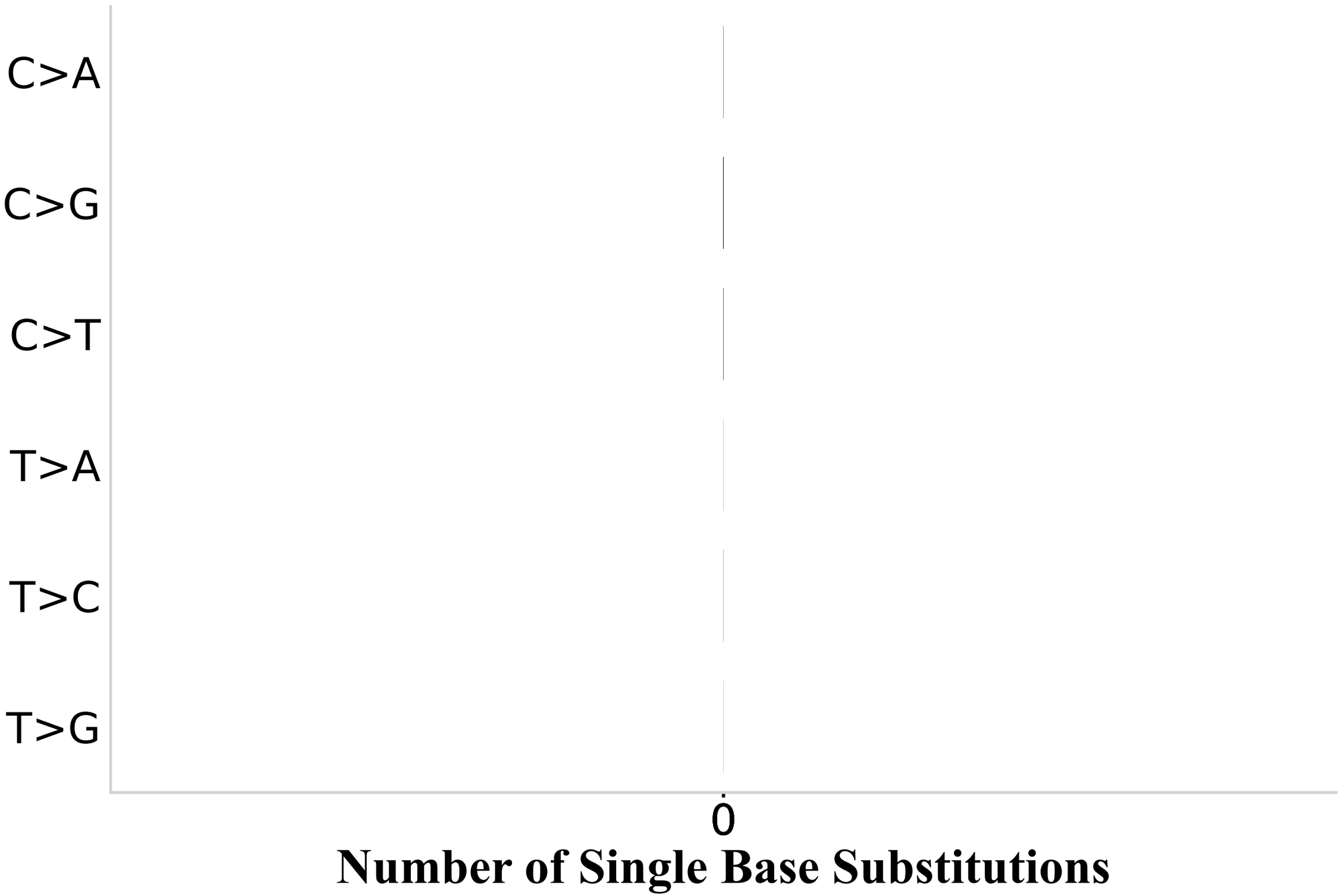

P-0001327-T01-IM3: 1 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

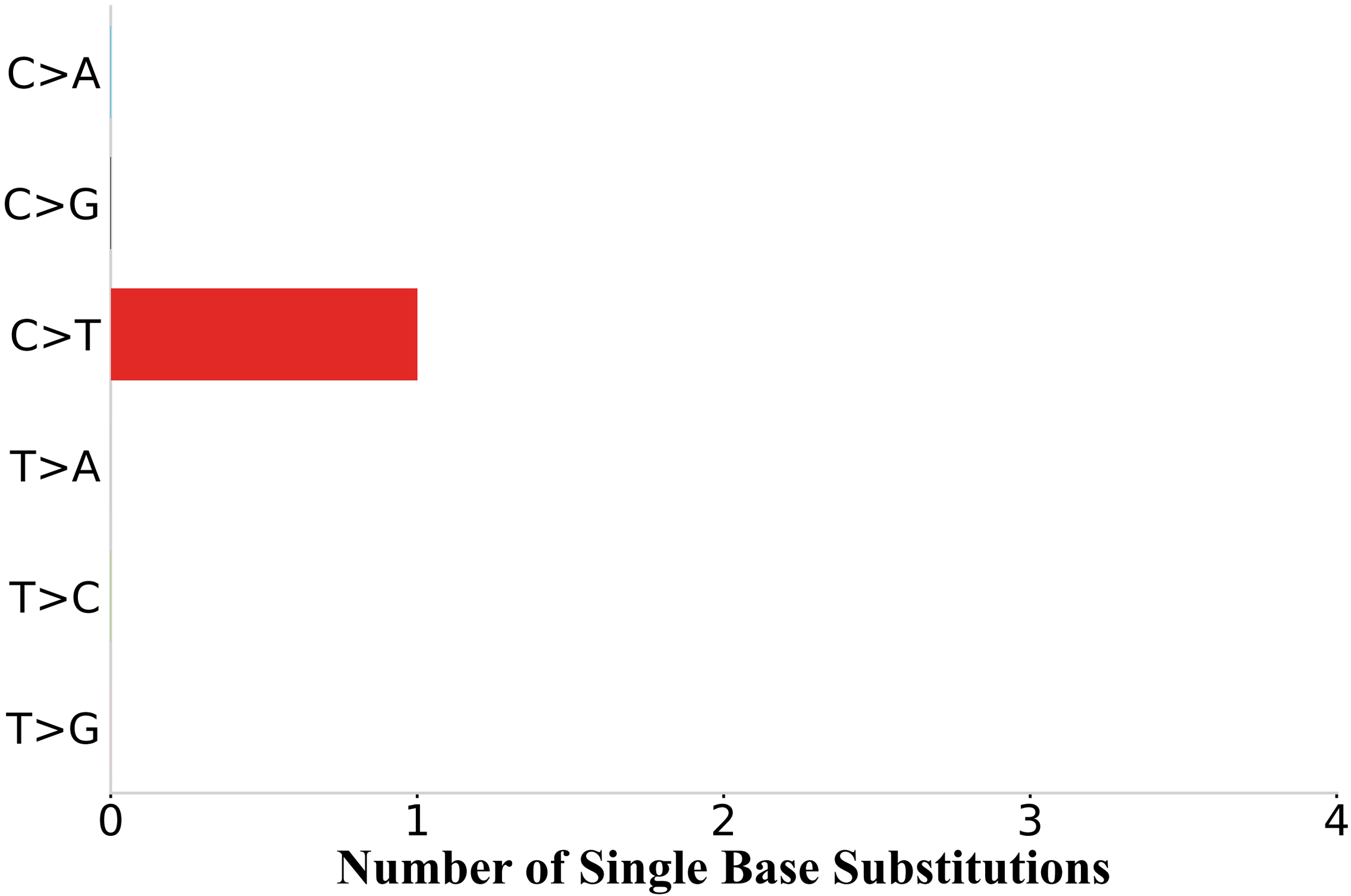
P-0001363-T01-IM3: 3 subs



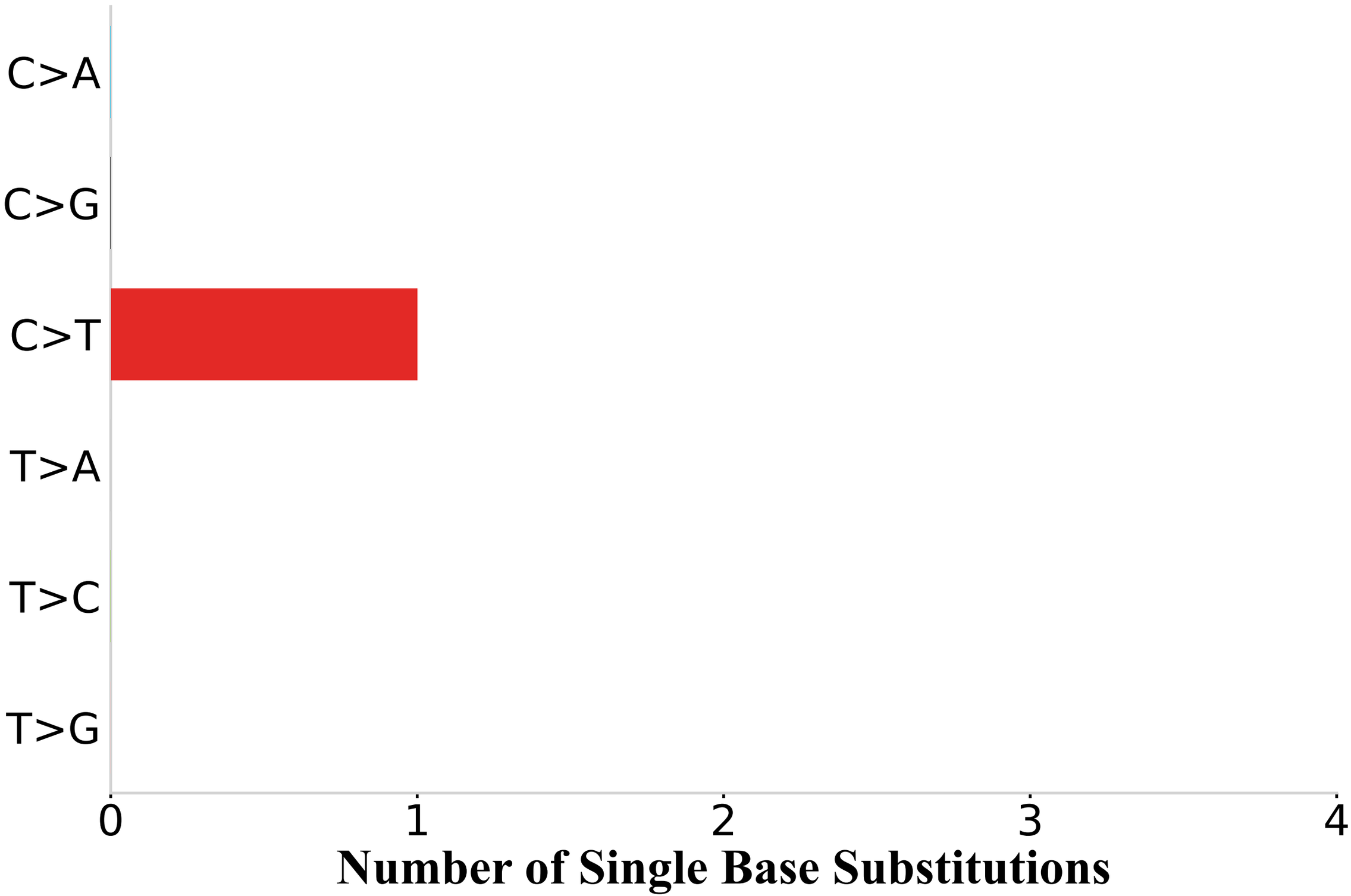

P-0001451-T01-IM3: 2 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

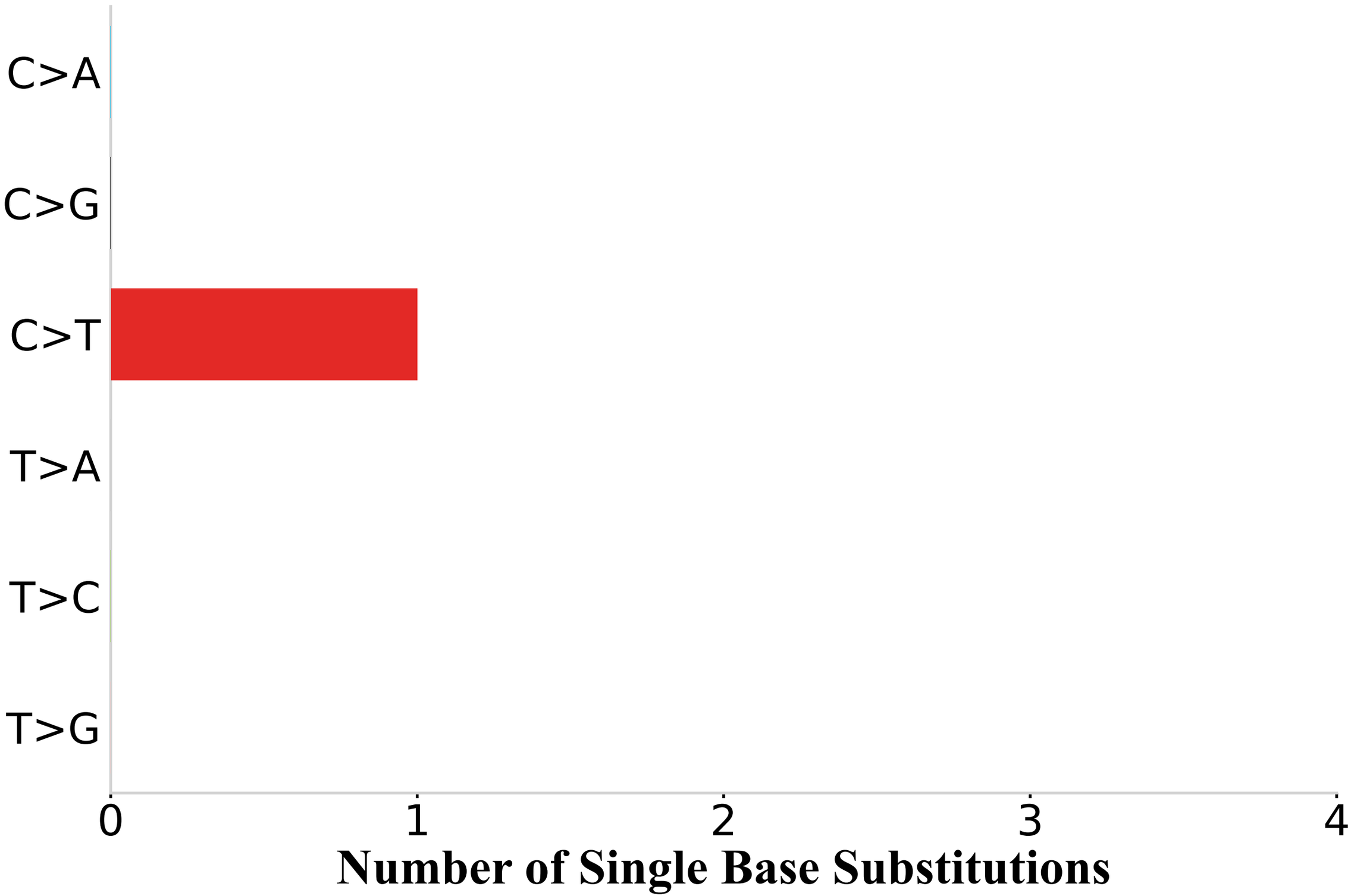
P-0002189-T01-IM3: 0 subs



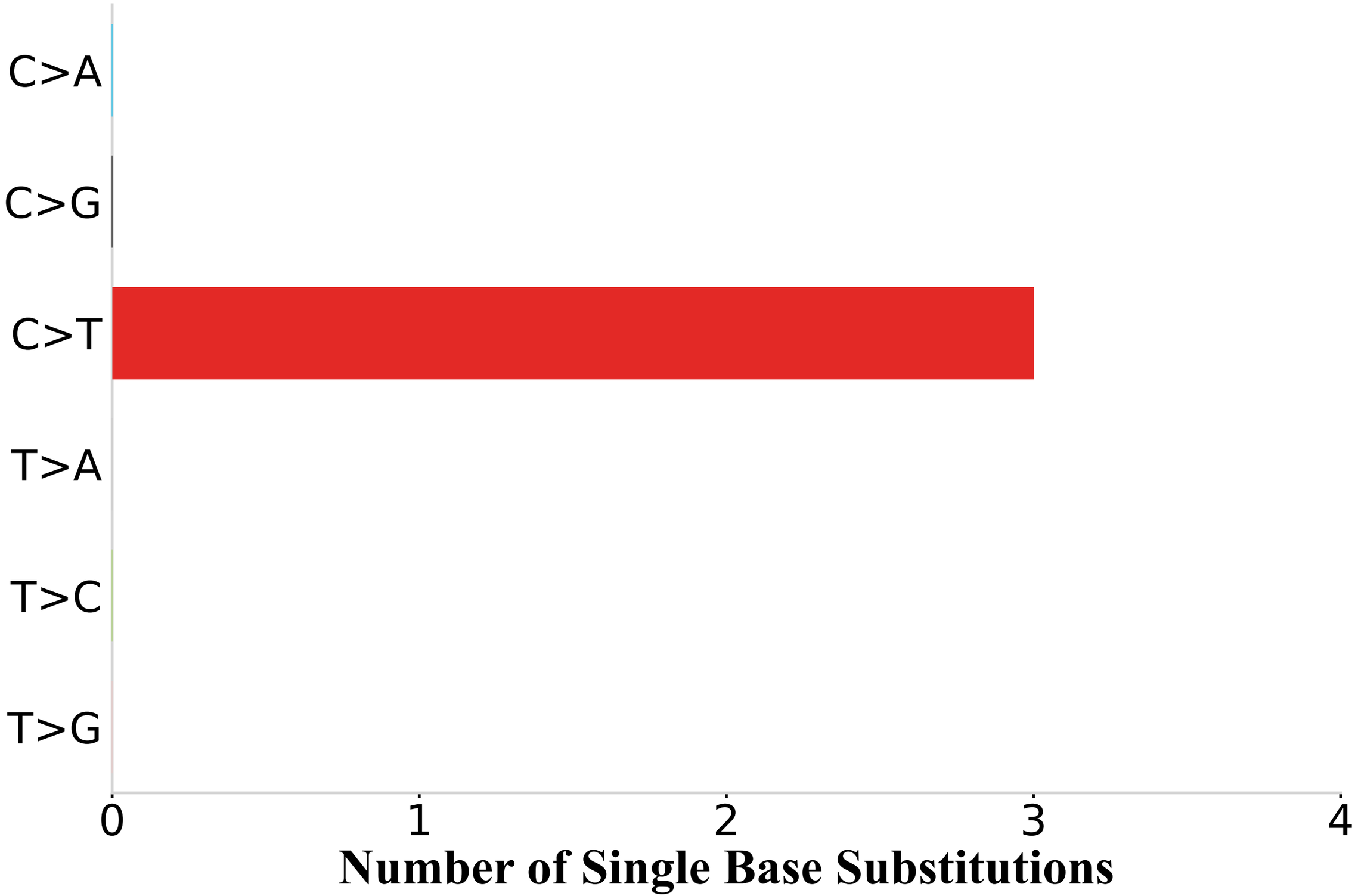

P-0002214-T01-IM3: 1 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

P-0002486-T01-IM3: 1 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

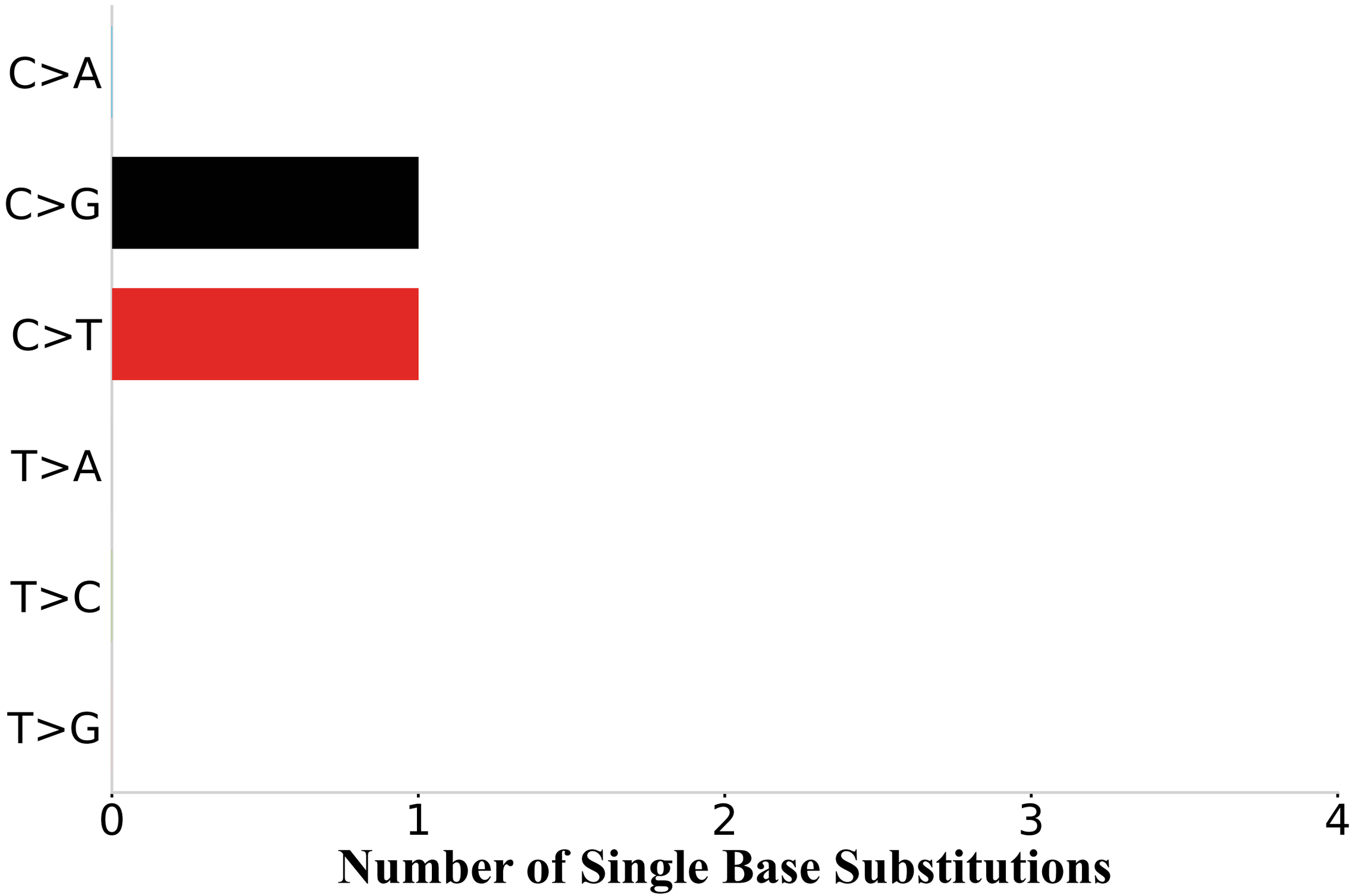

P-0003056-T01-IM5: 1 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions


P-0003111-T01-IM5: 1 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

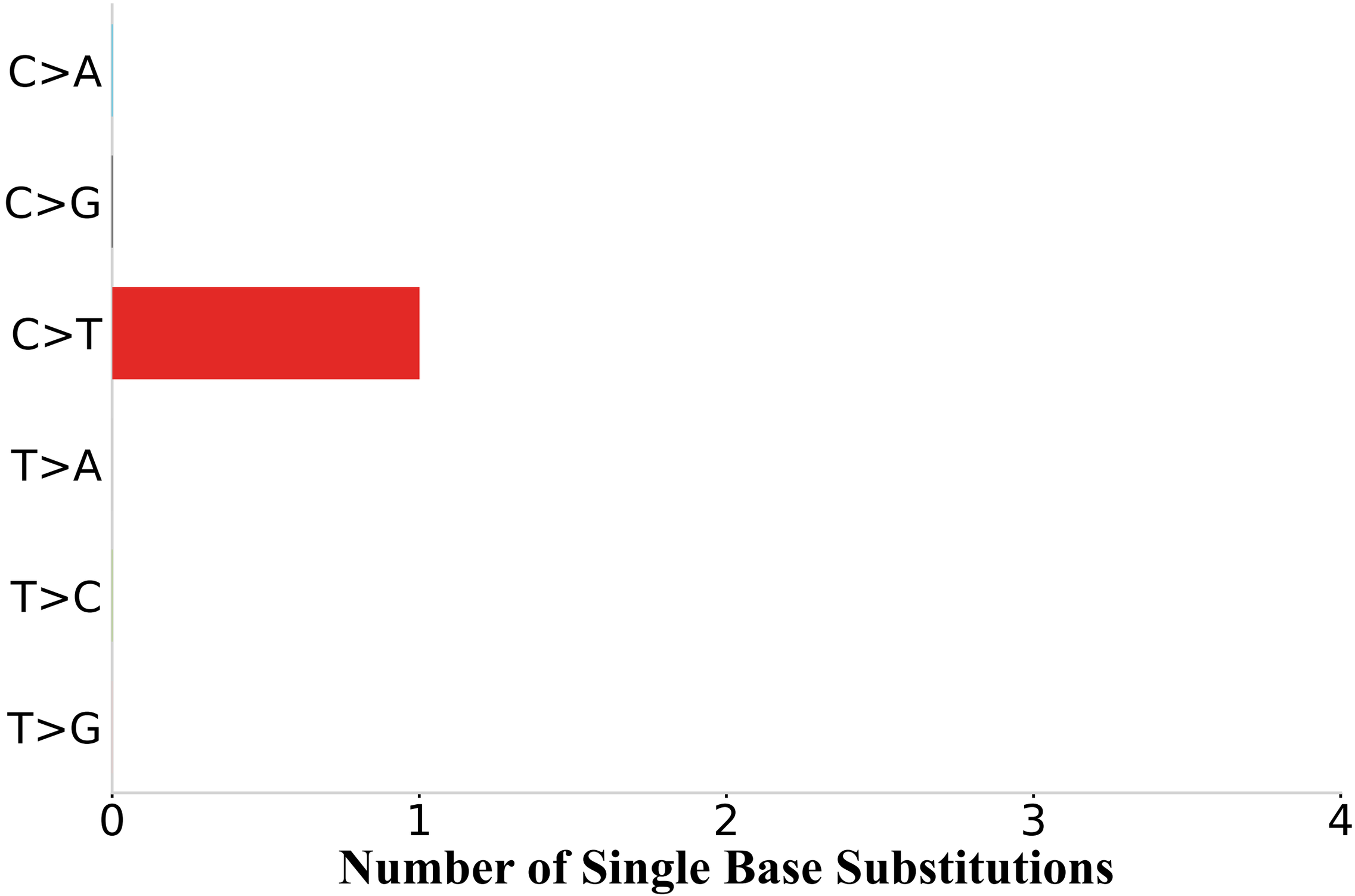
P-0003327-T01-IM5: 3 subs



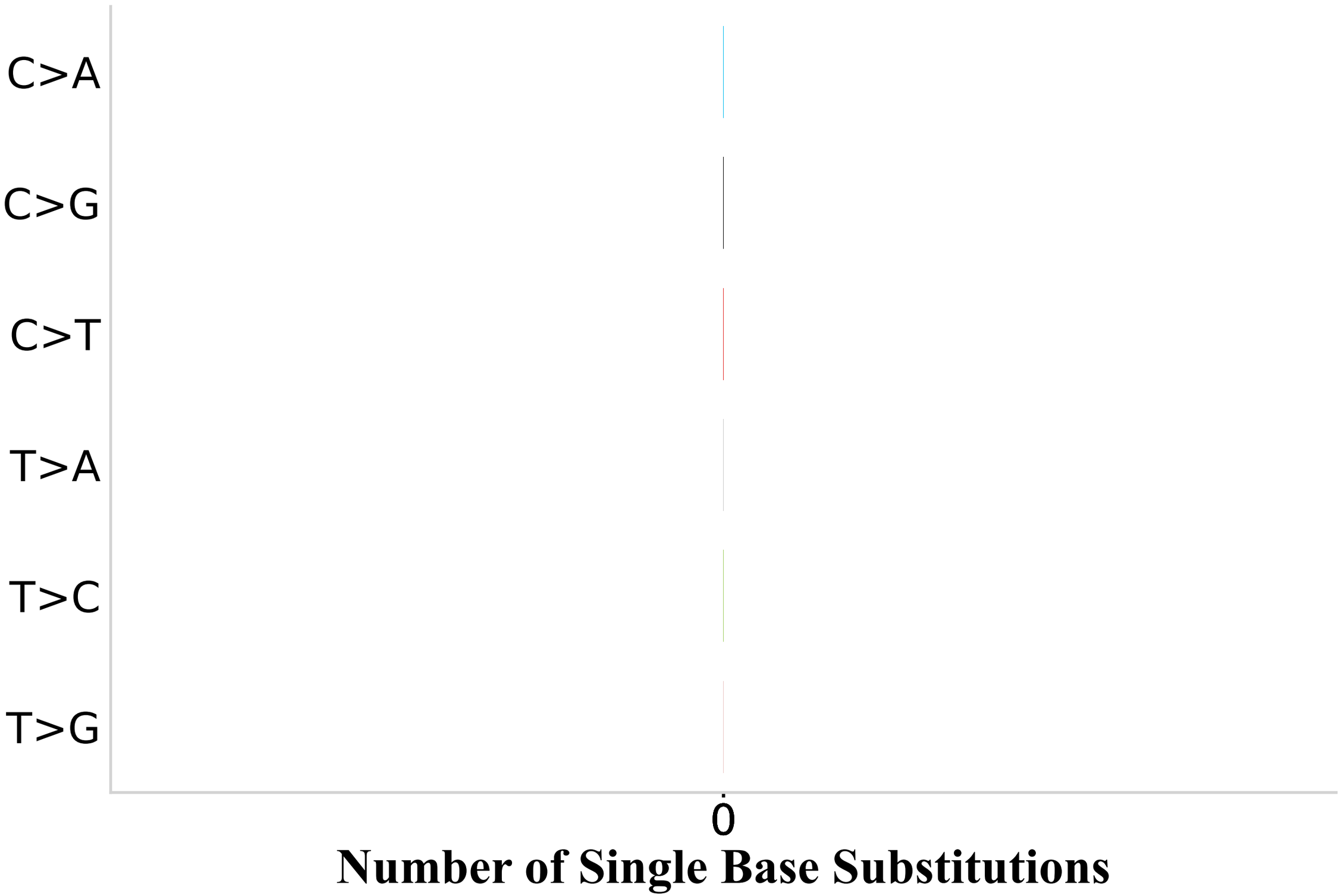
P-0003469-T01-IM5: 2 subs



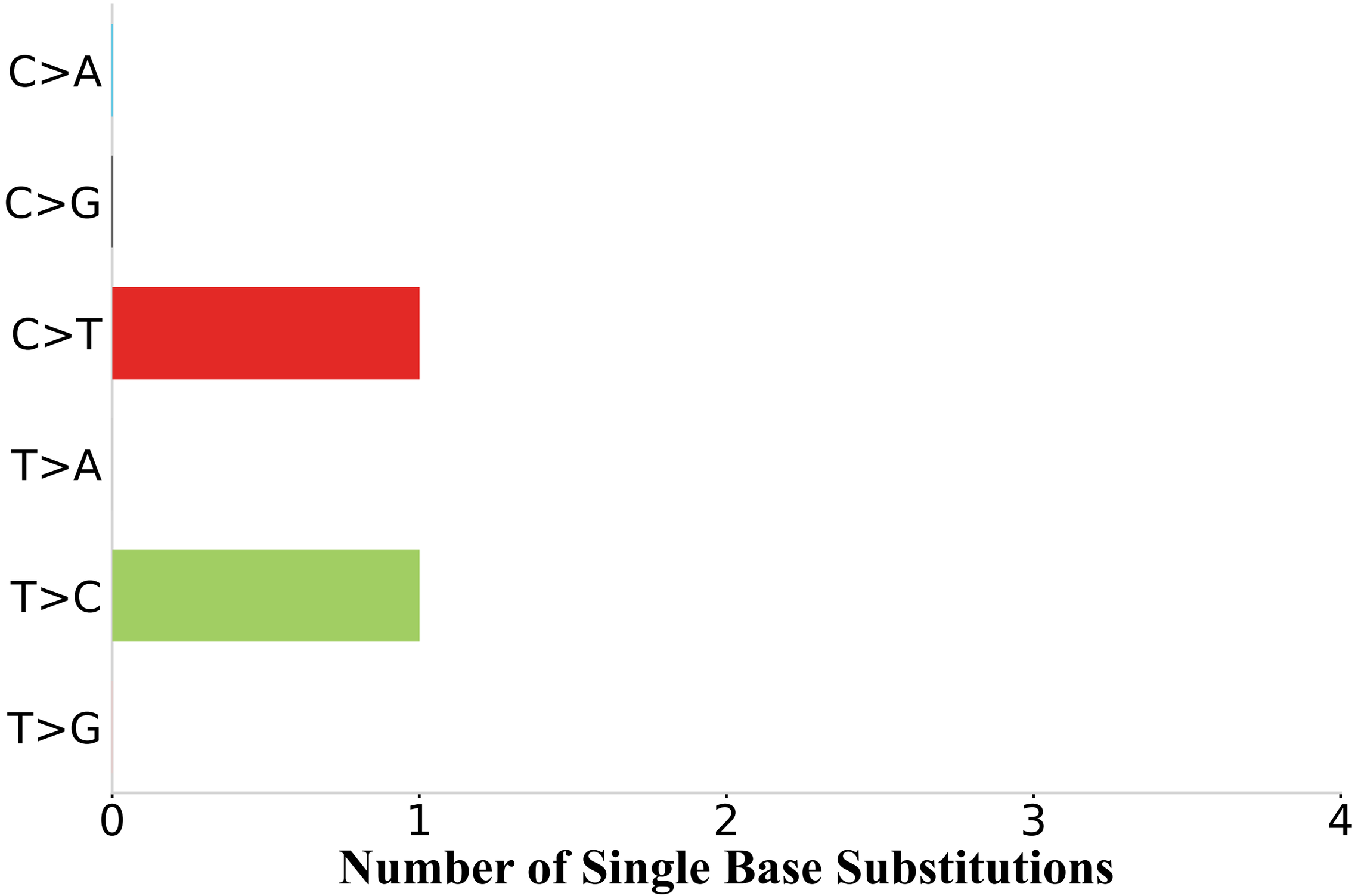
P-0003532-T01-IM5: 1 subs

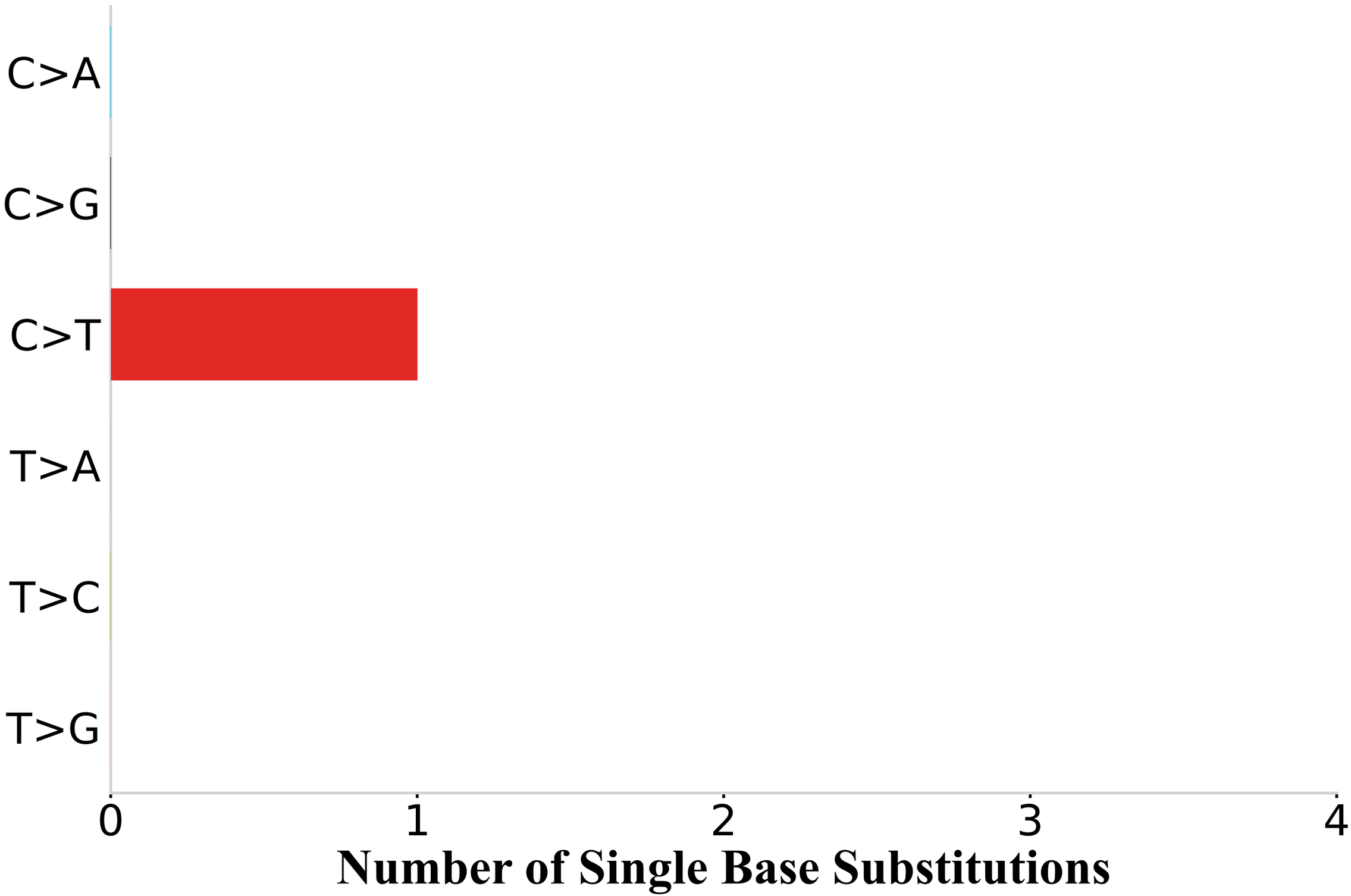


P-0003649-T01-IM5: 0 subs

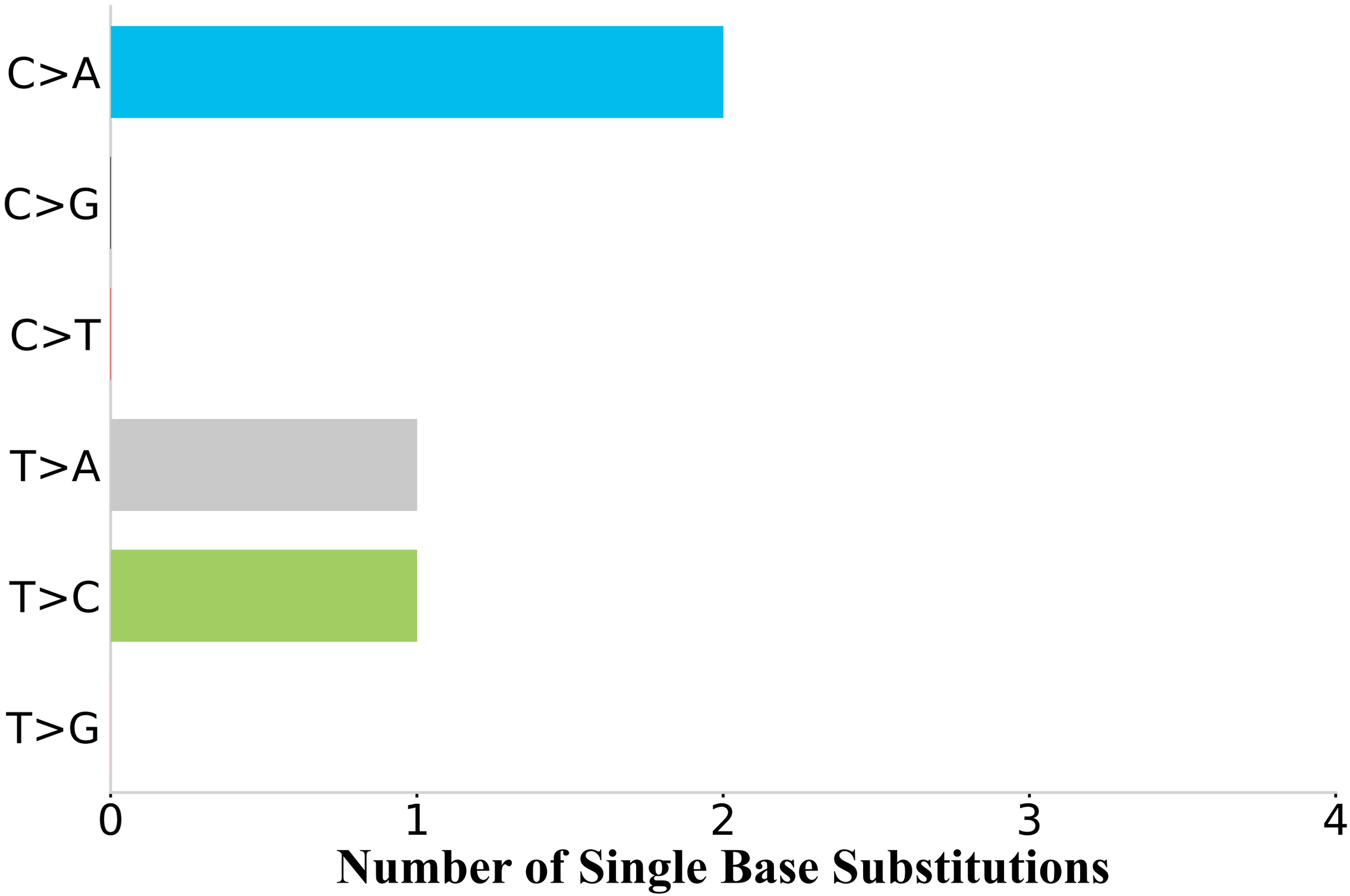


P-0003699-T01-IM5: 2 subs

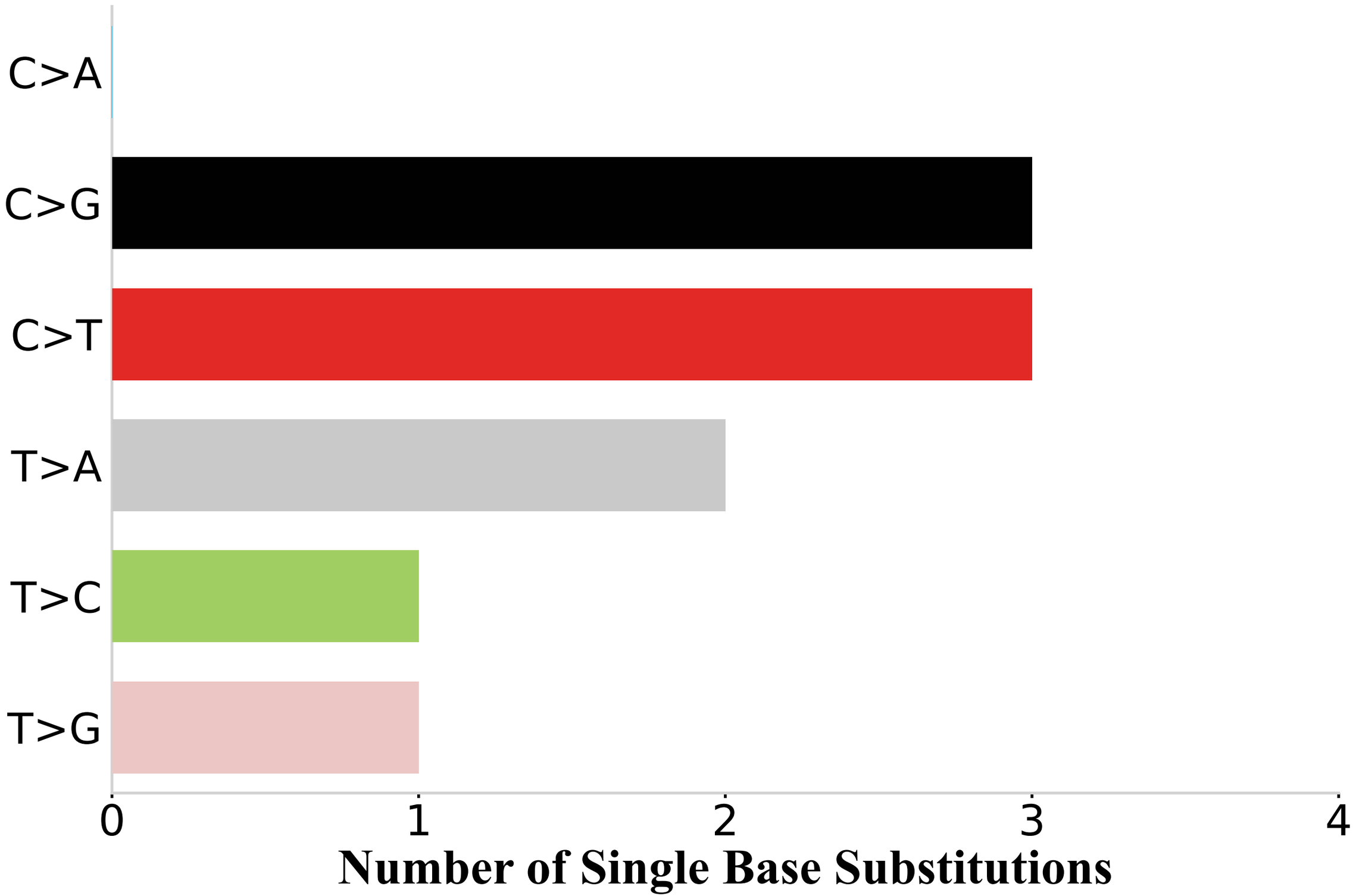


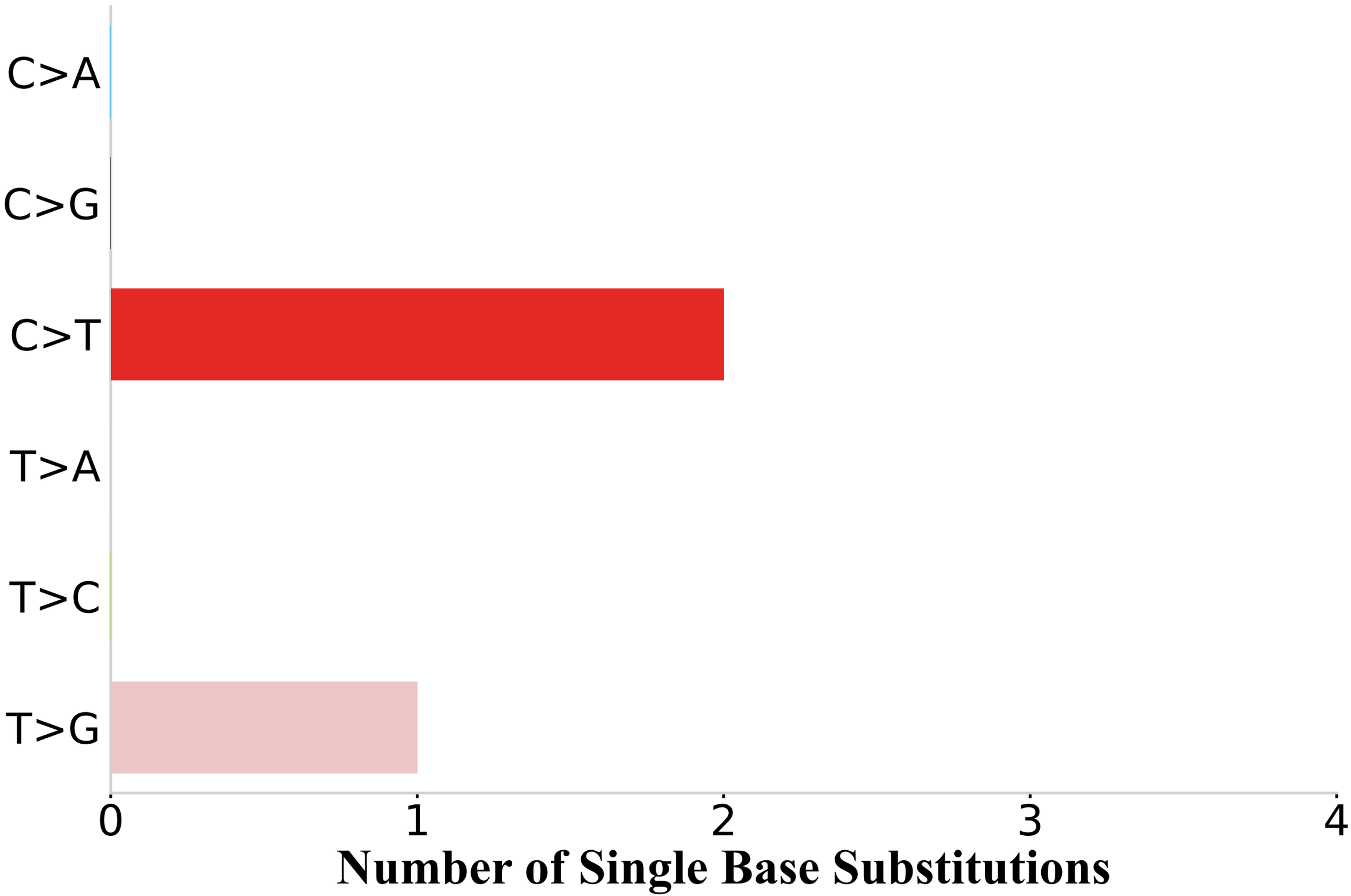

P-0004334-T01-IM5: 1 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

P-0004371-T01-IM5: 4 subs

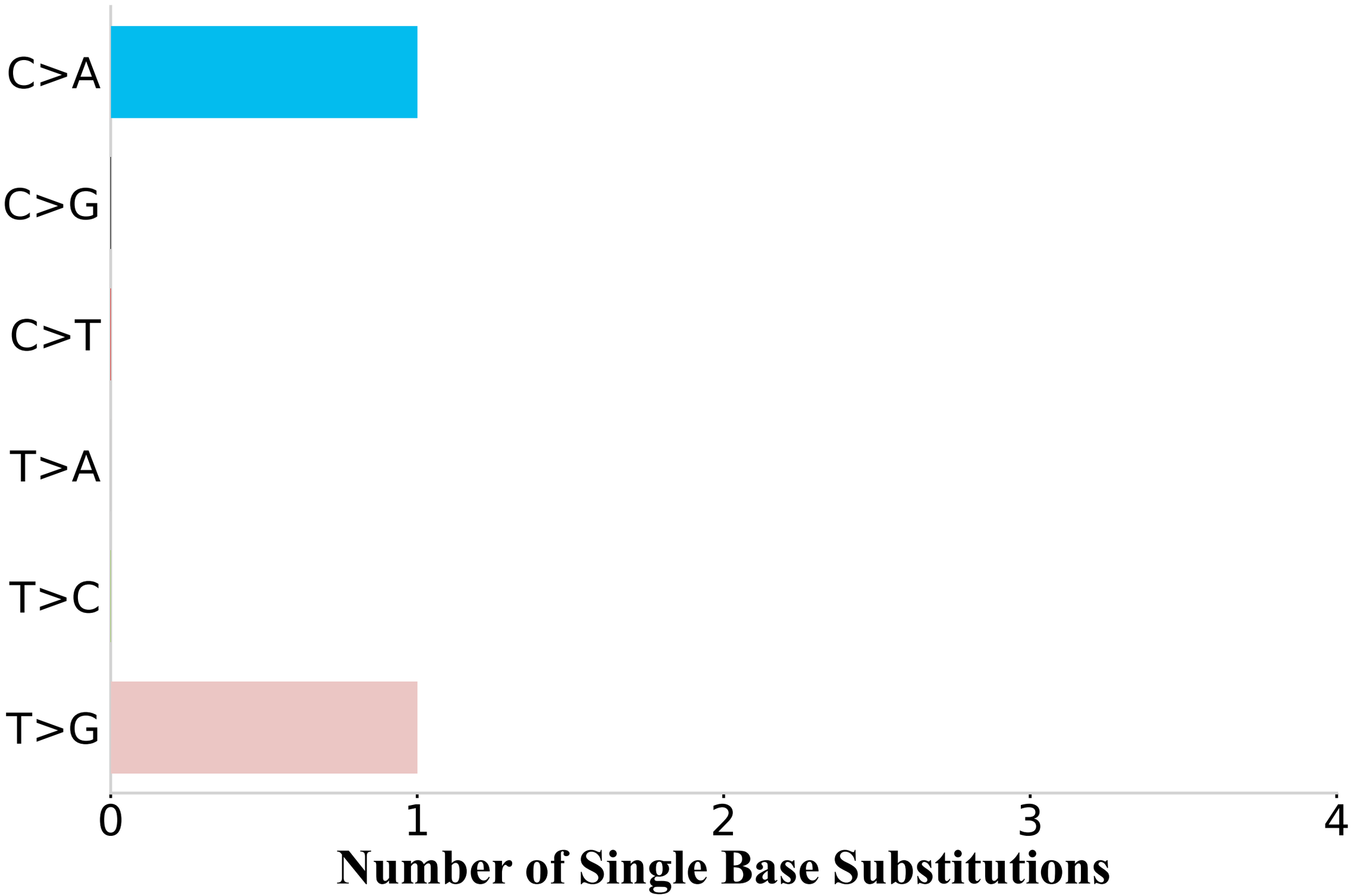


P-0004887-T01-IM5: 10 subs

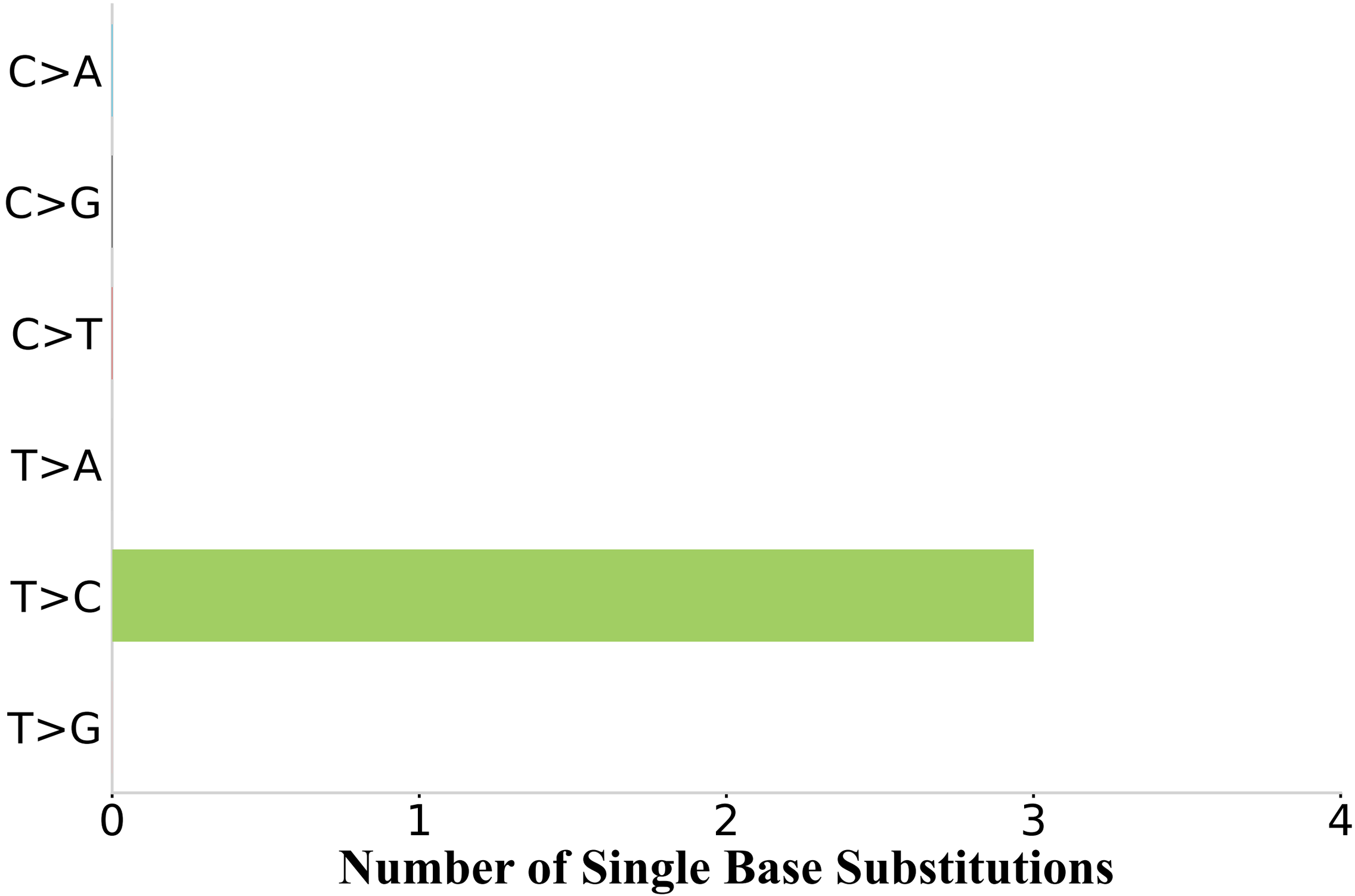


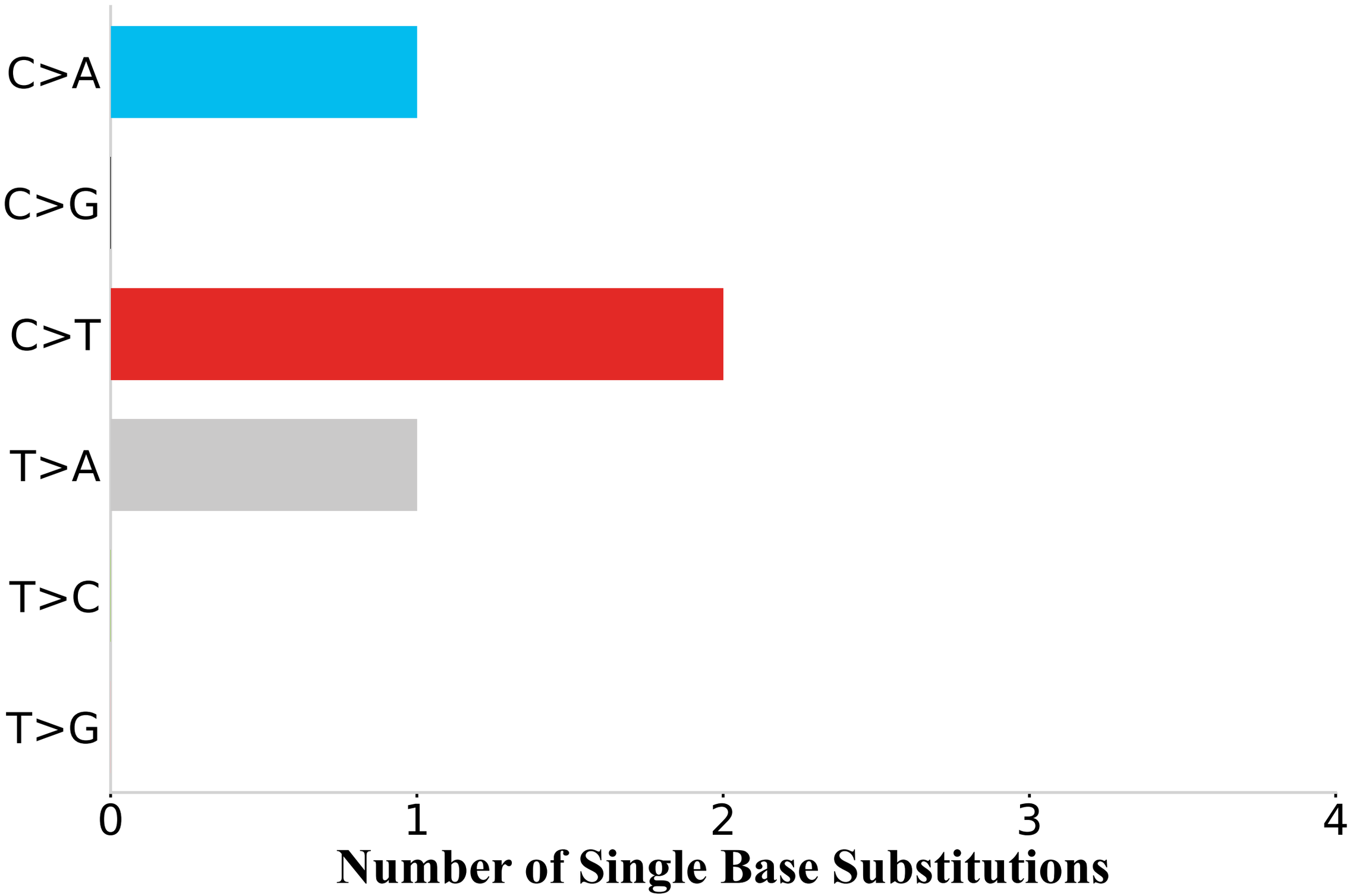

P-0005382-T03-IM6: 3 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

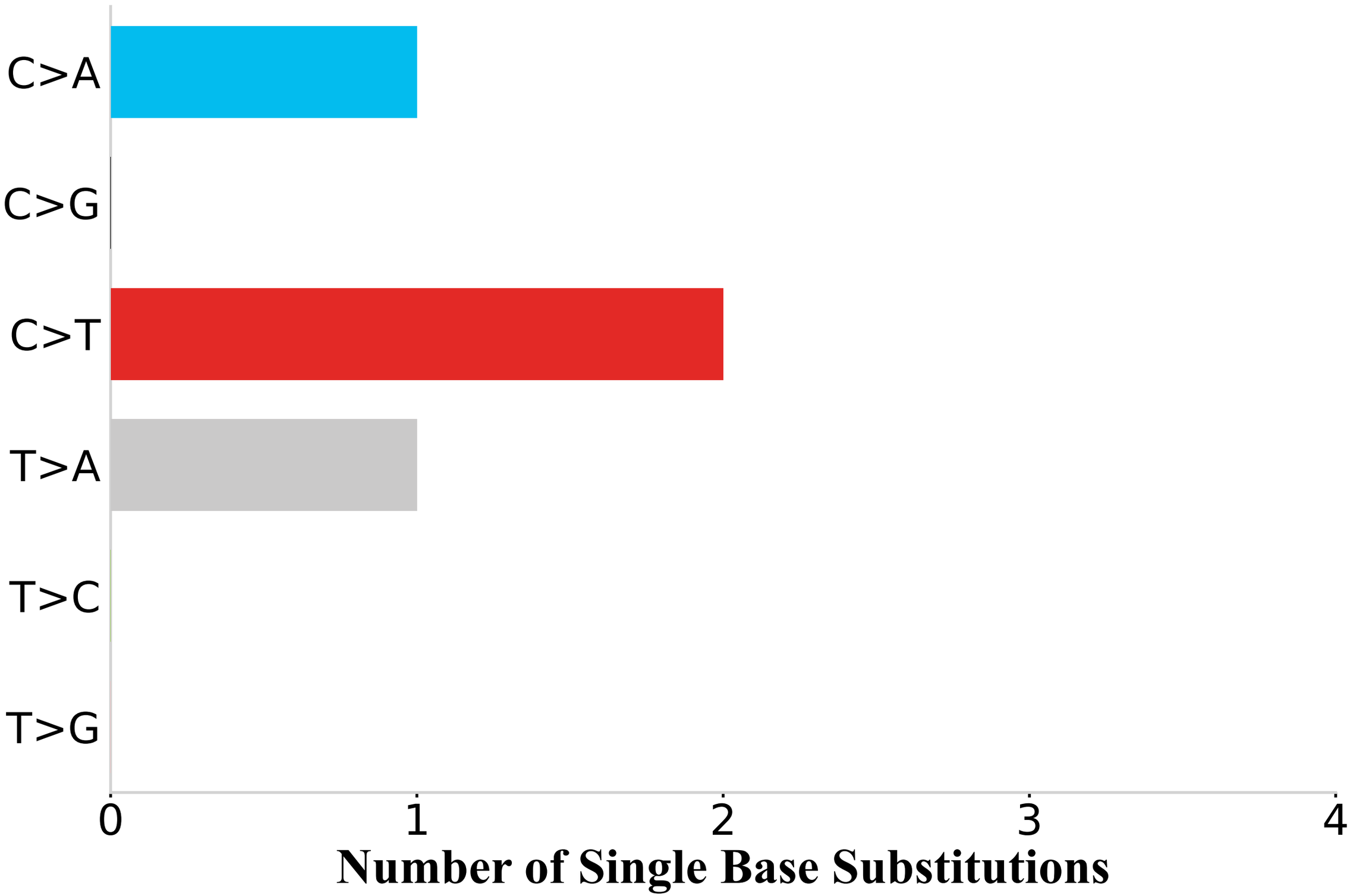
P-0005392-T01-IM5: 2 subs



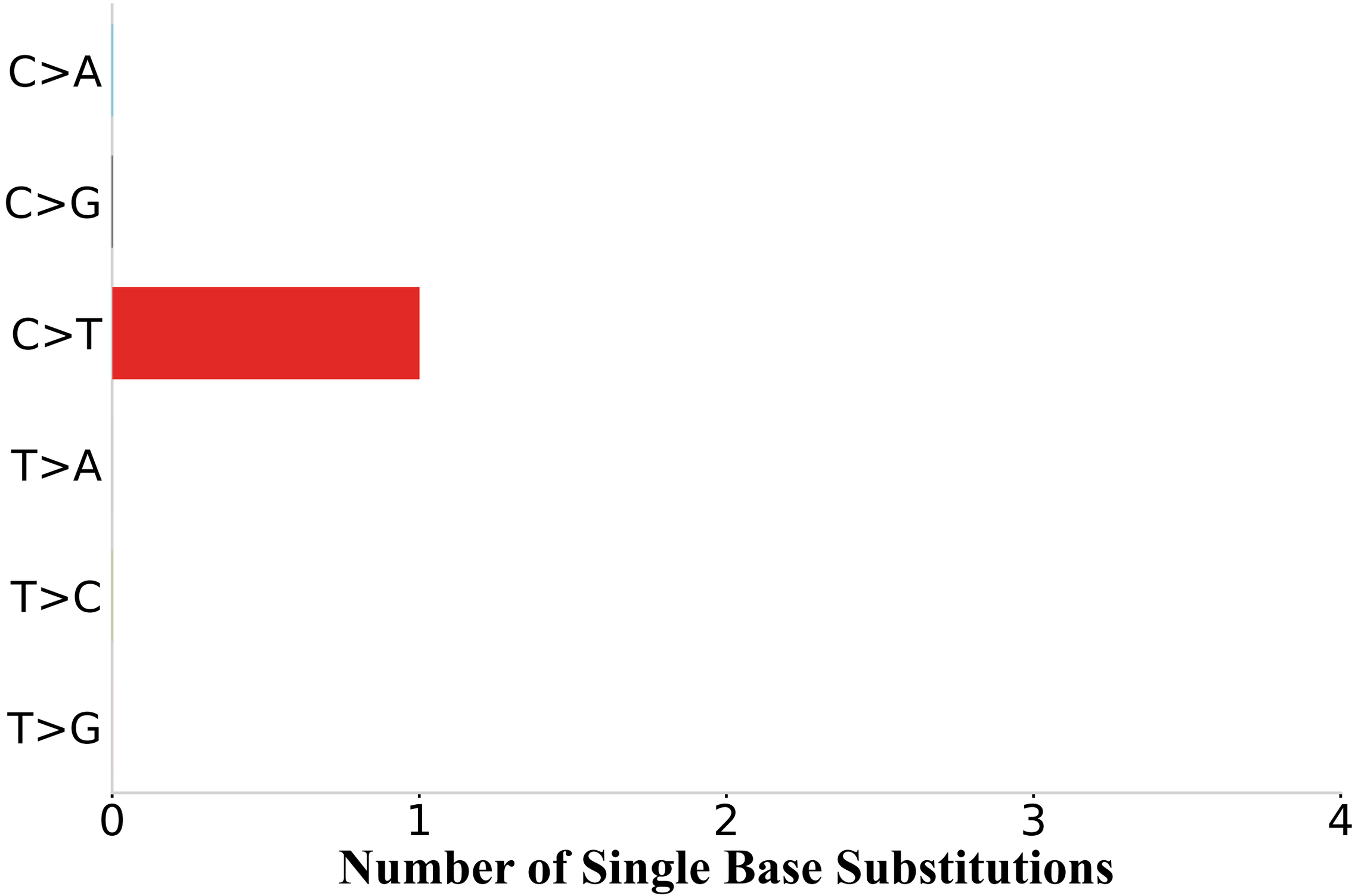
P-0005624-T02-IM5: 3 subs

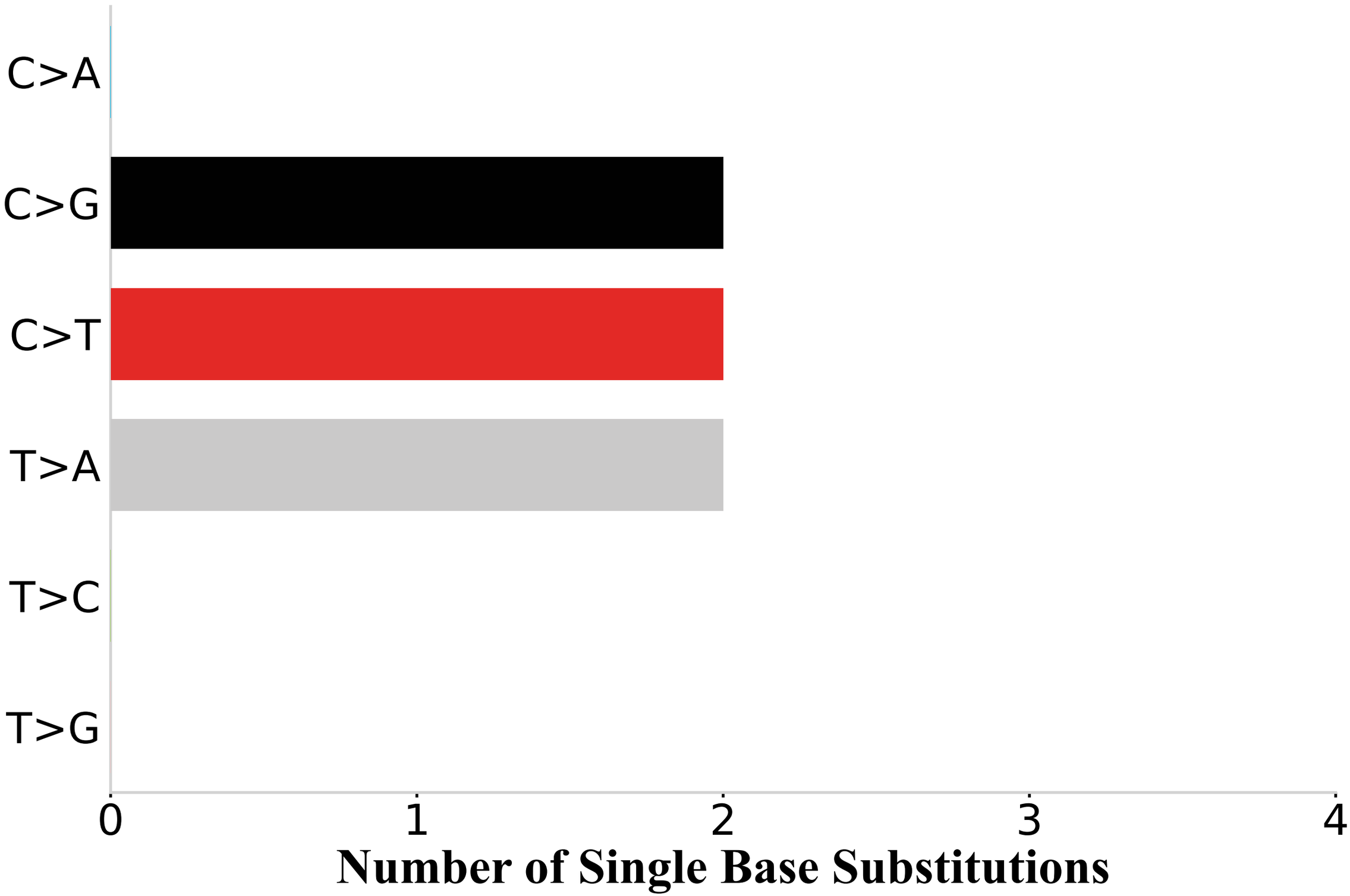



P-0006032-T01-IM5: 4 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

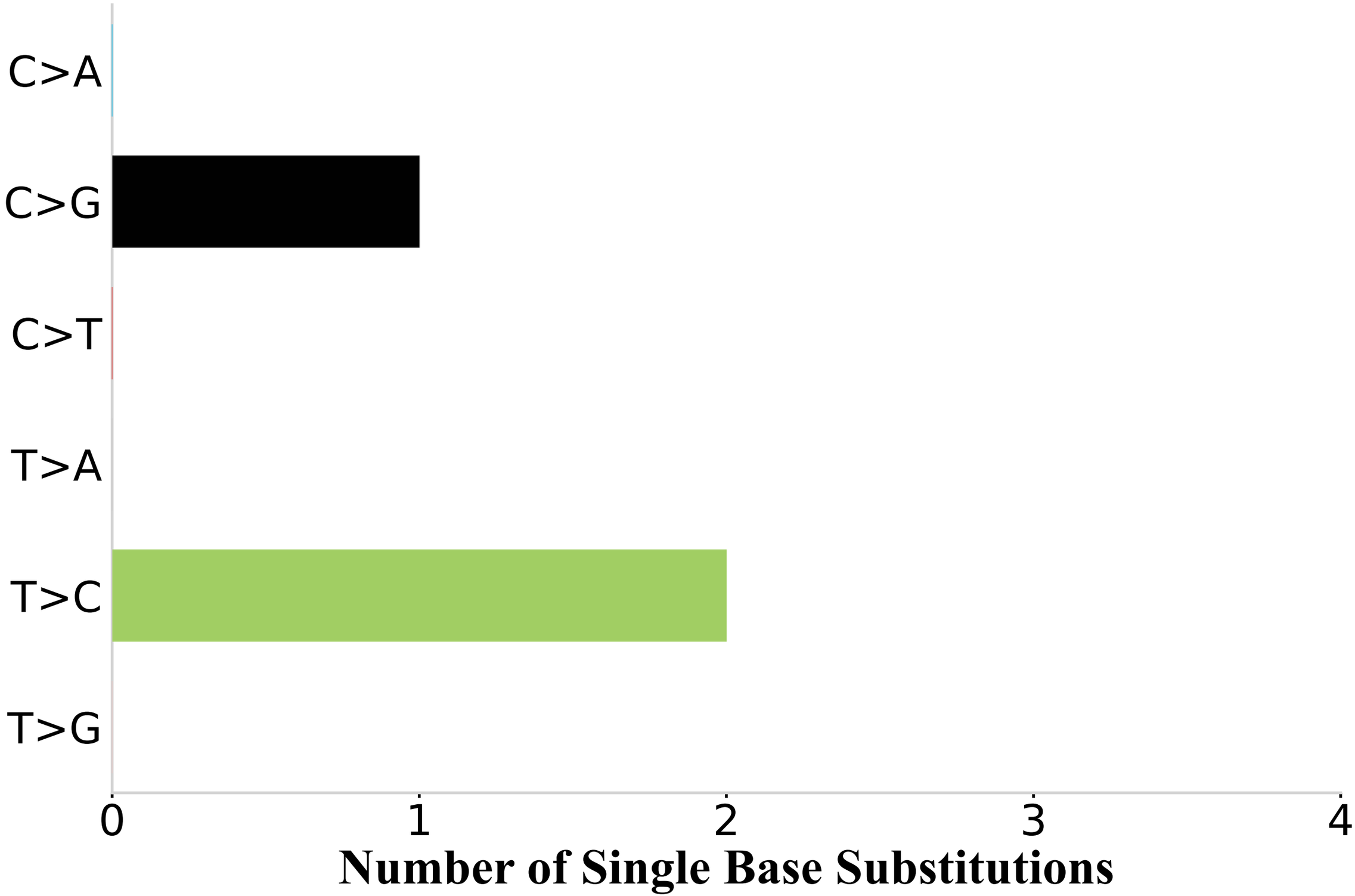

P-0006518-T01-IM5: 4 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

P-0006690-T01-IM5: 1 subs

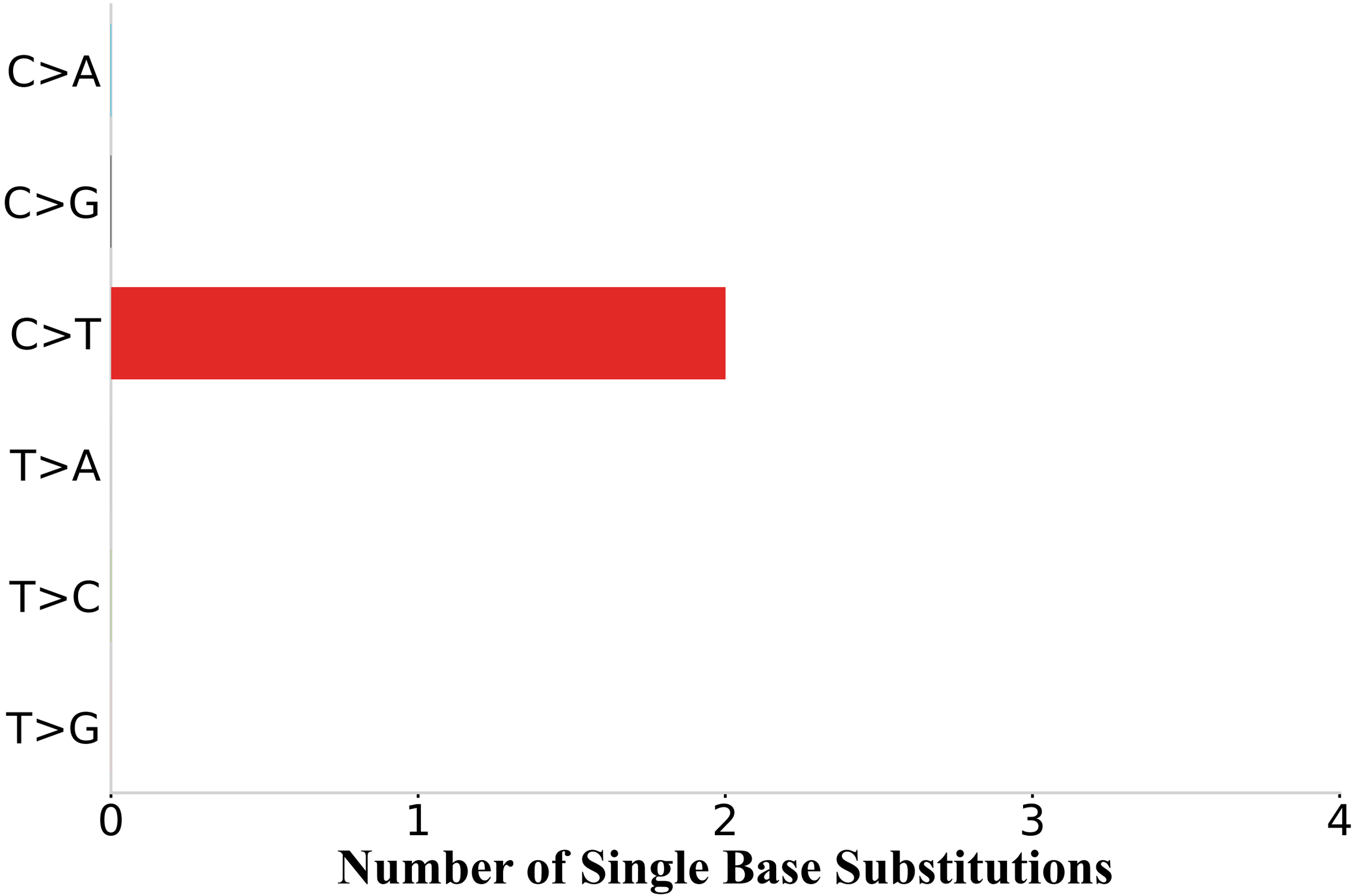



P-0007096-T01-IM5: 6 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

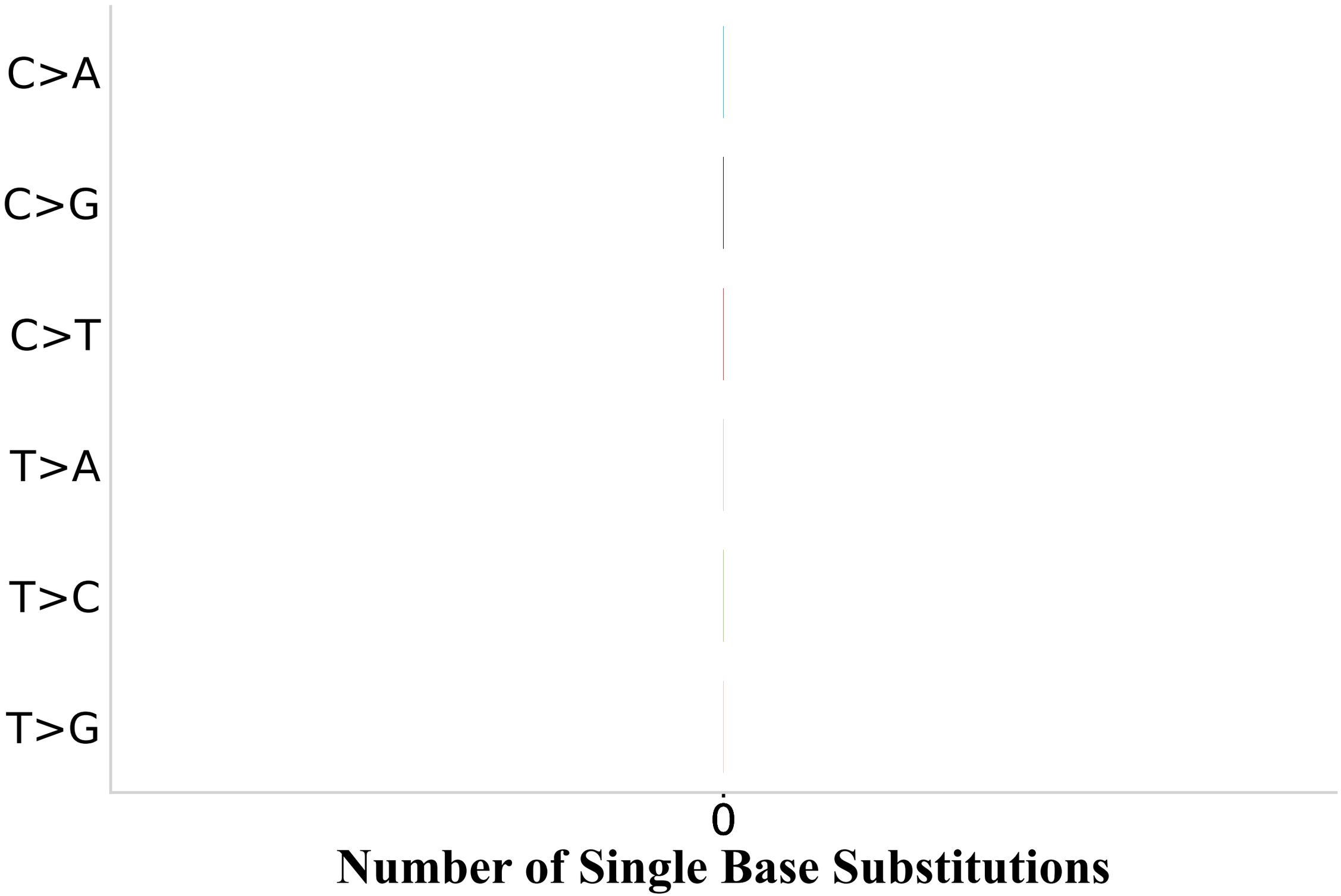
P-0007102-T01-IM5: 3 subs

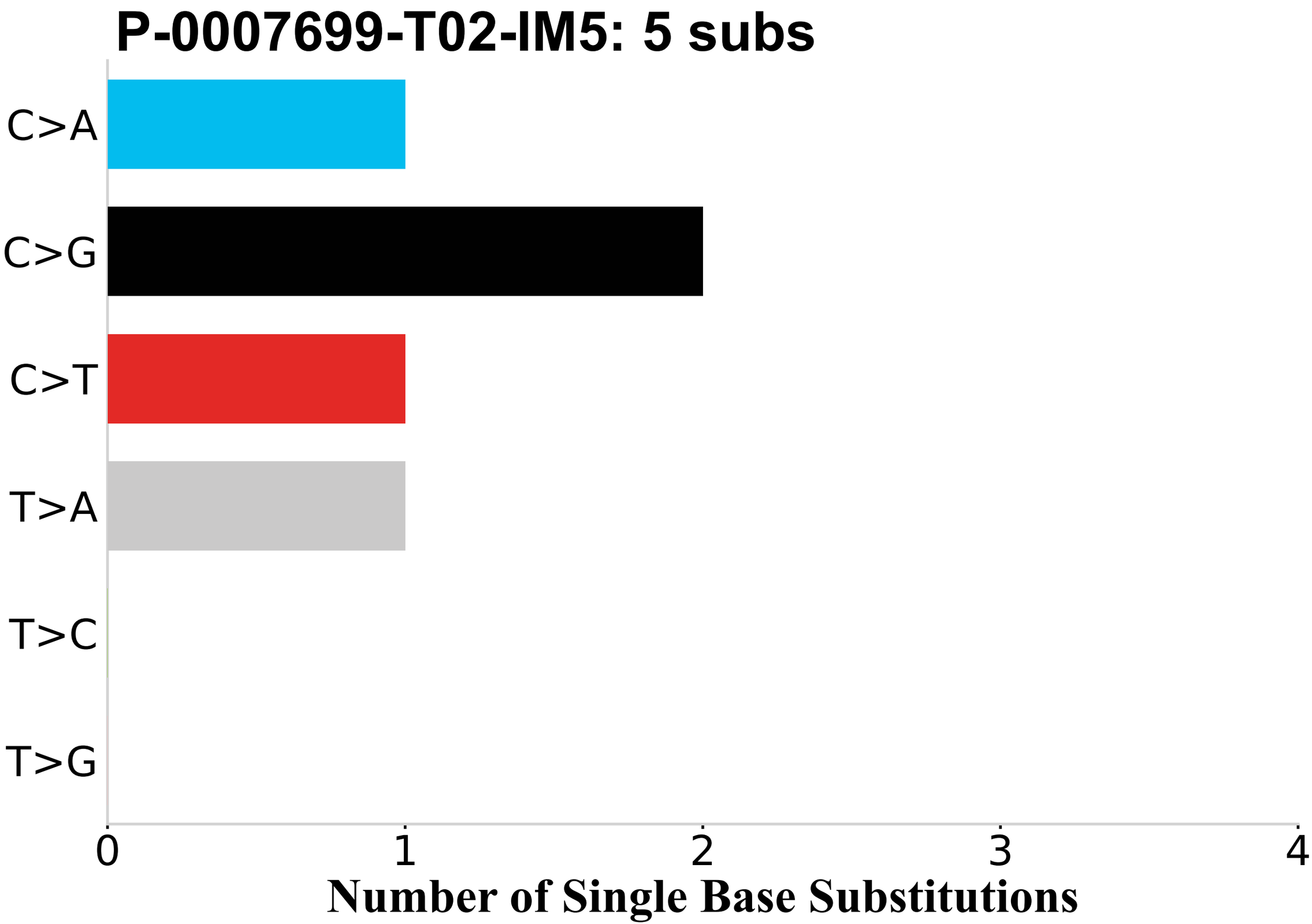


P-0007145-T01-IM5: 2 subs

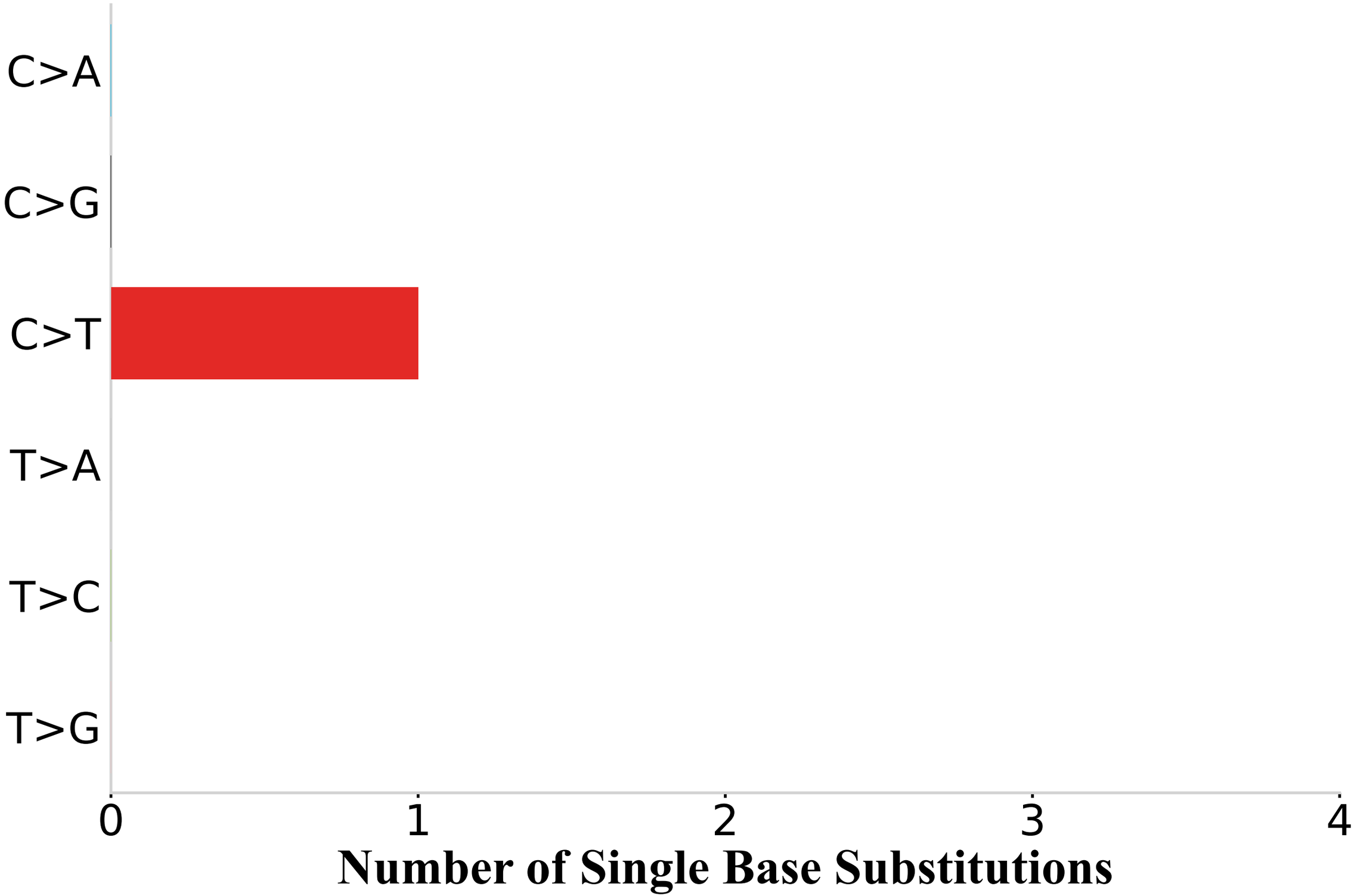


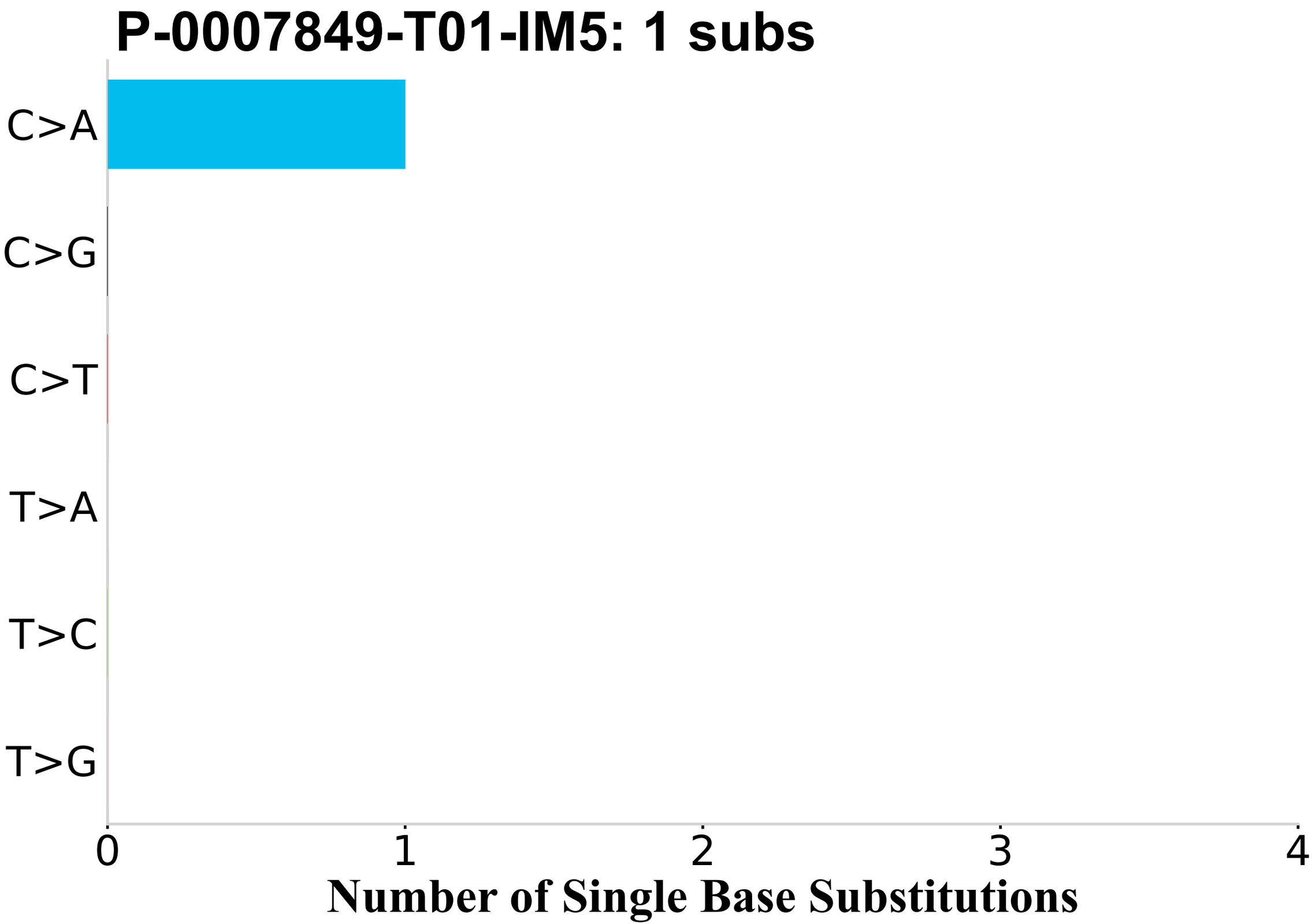
P-0007499-T01-IM5: 0 subs



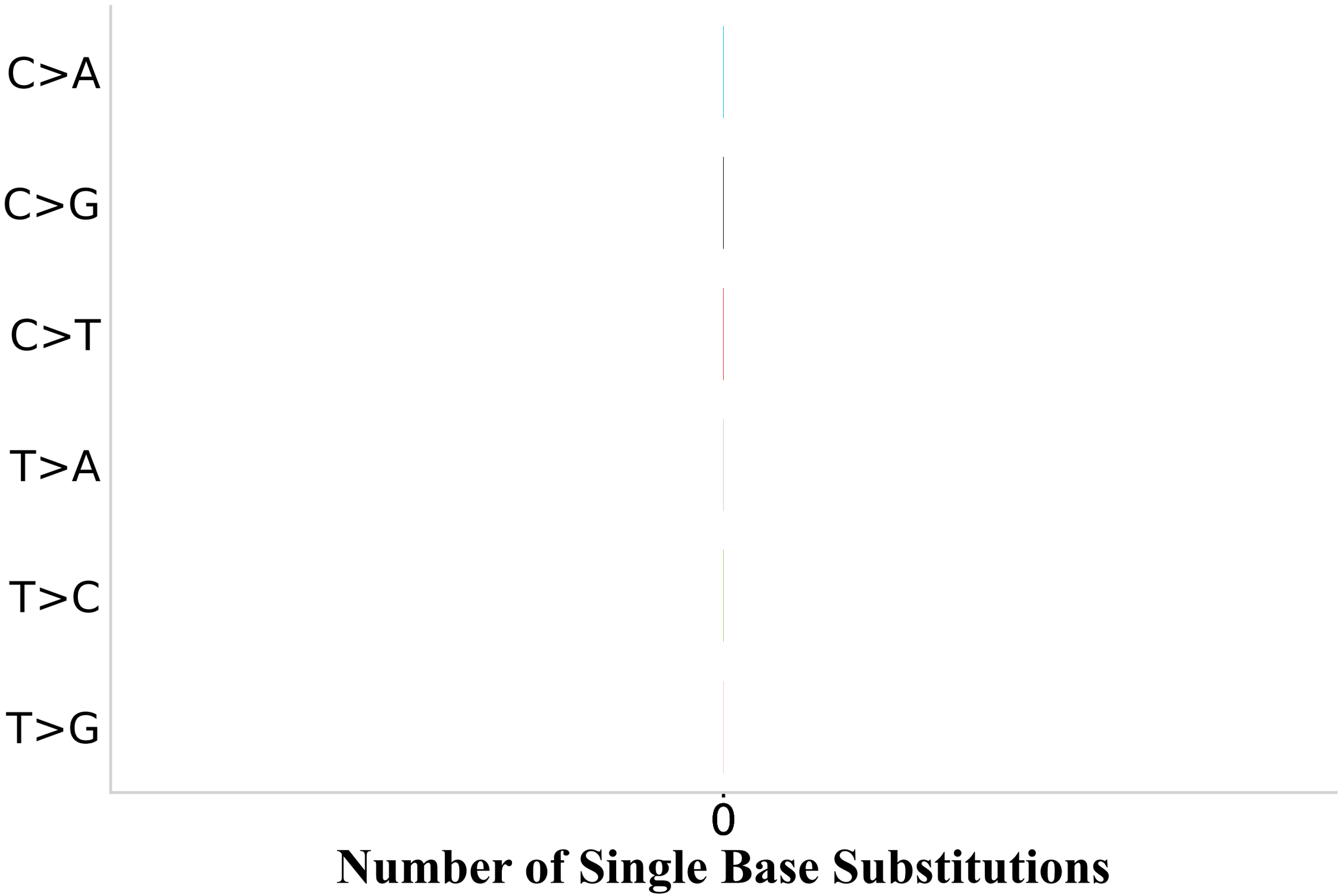

P-0007699-T02-IM5: 5 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

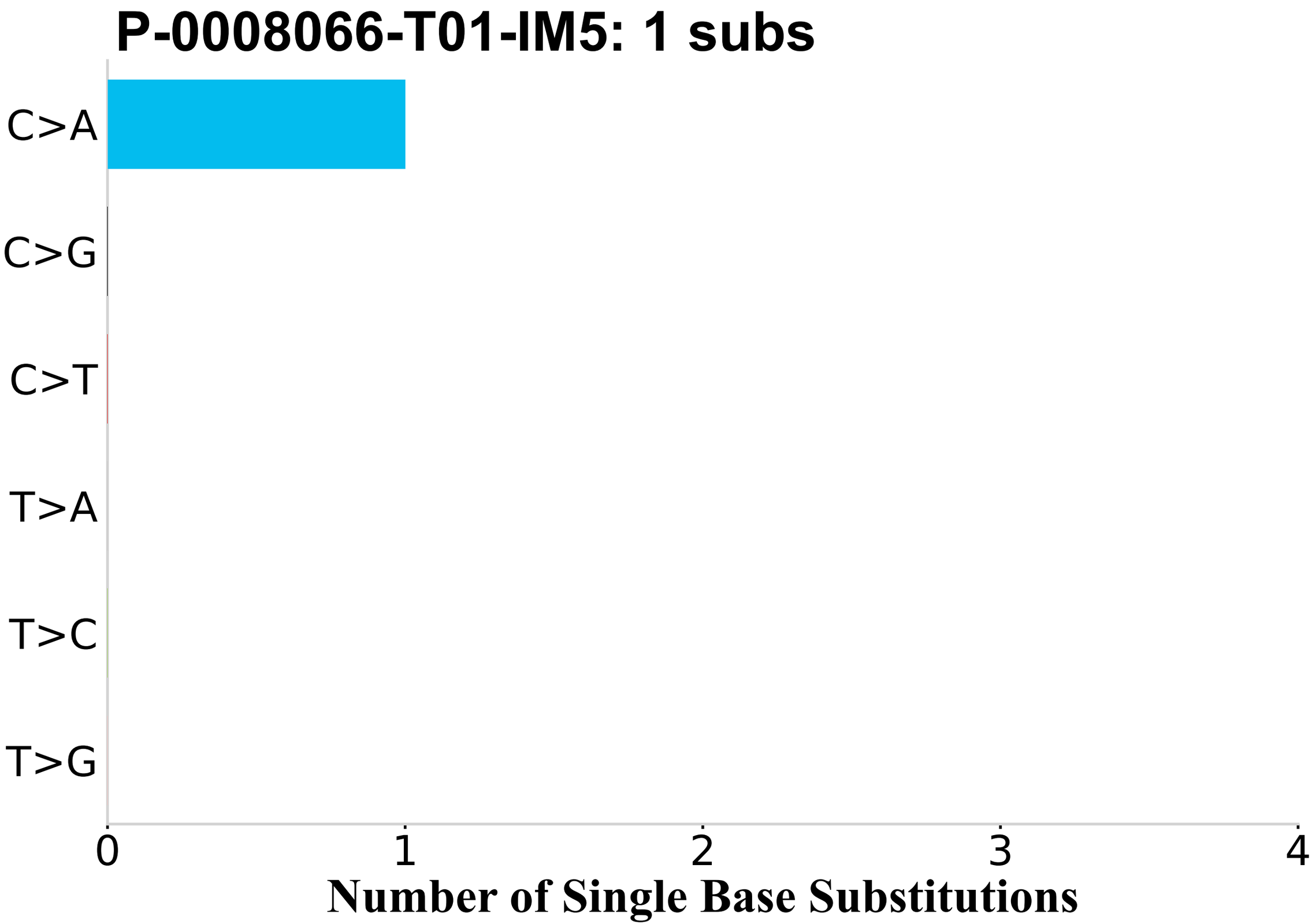
P-0007777-T01-IM5: 1 subs




P-0007849-T01-IM5: 1 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

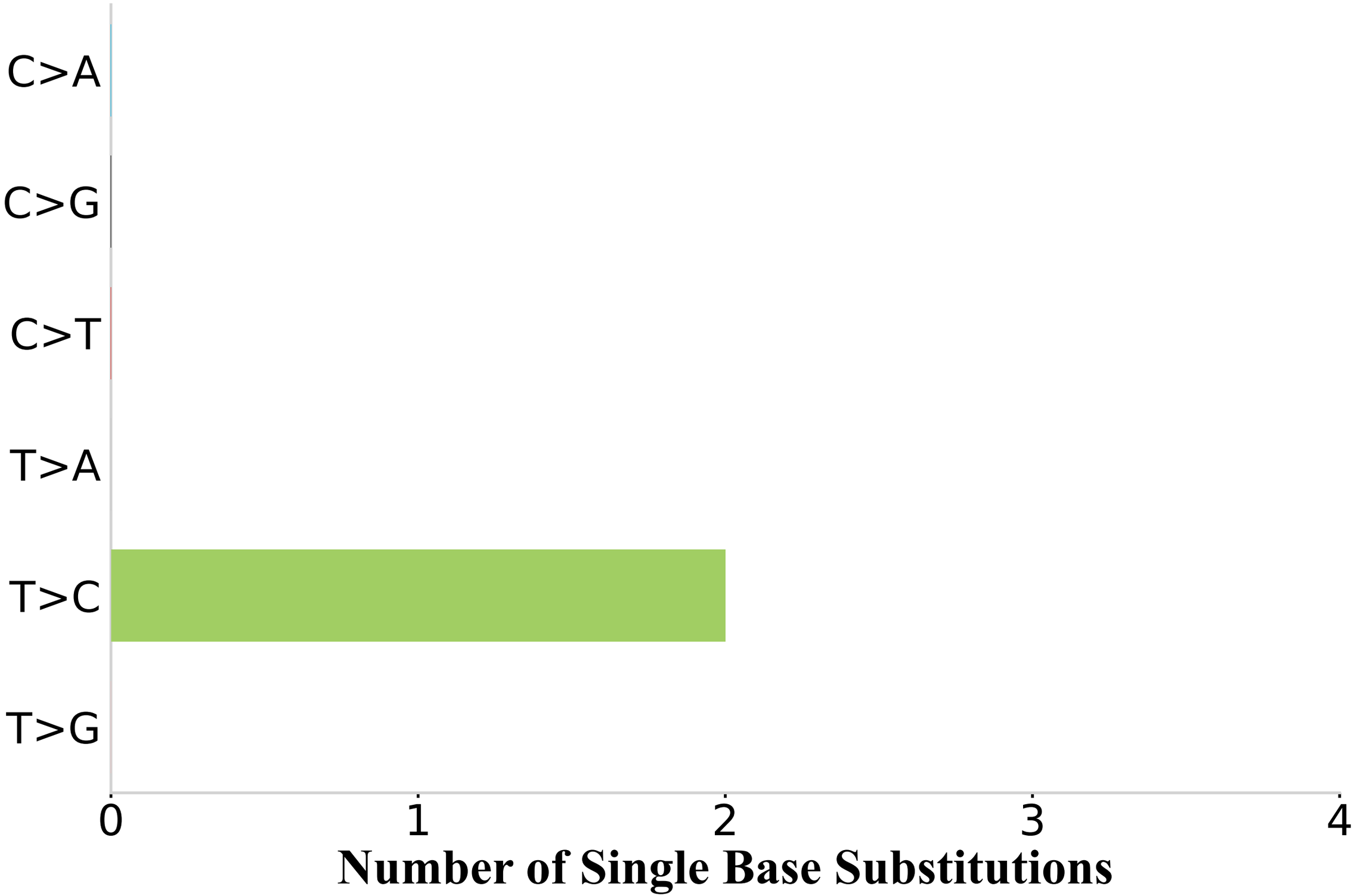
P-0008045-T01-IM5: 0 subs



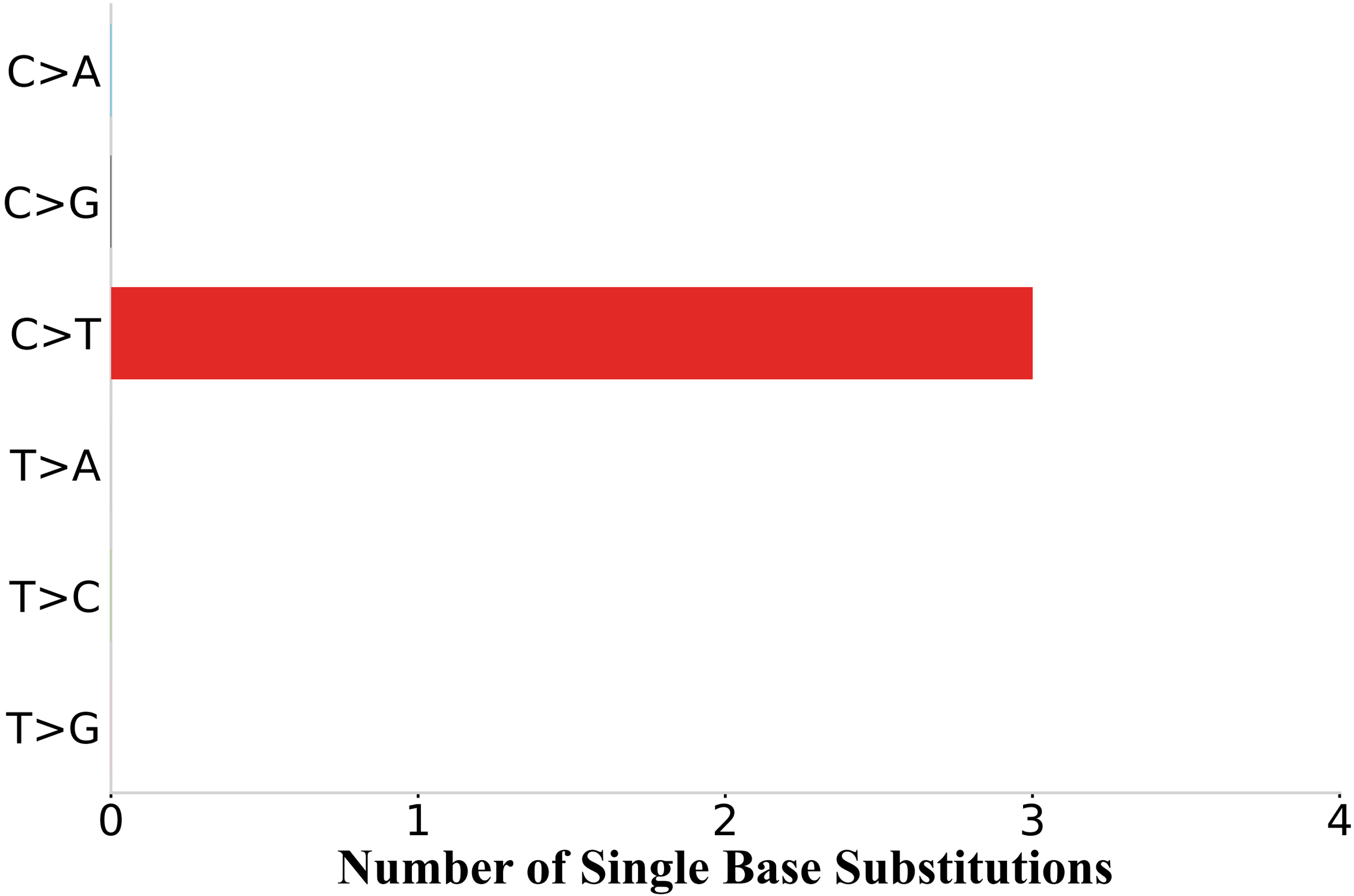

P-0008066-T01-IM5: 1 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

P-0008151-T01-IM5: 2 subs

P-0008688-T01-IM5: 2 subs

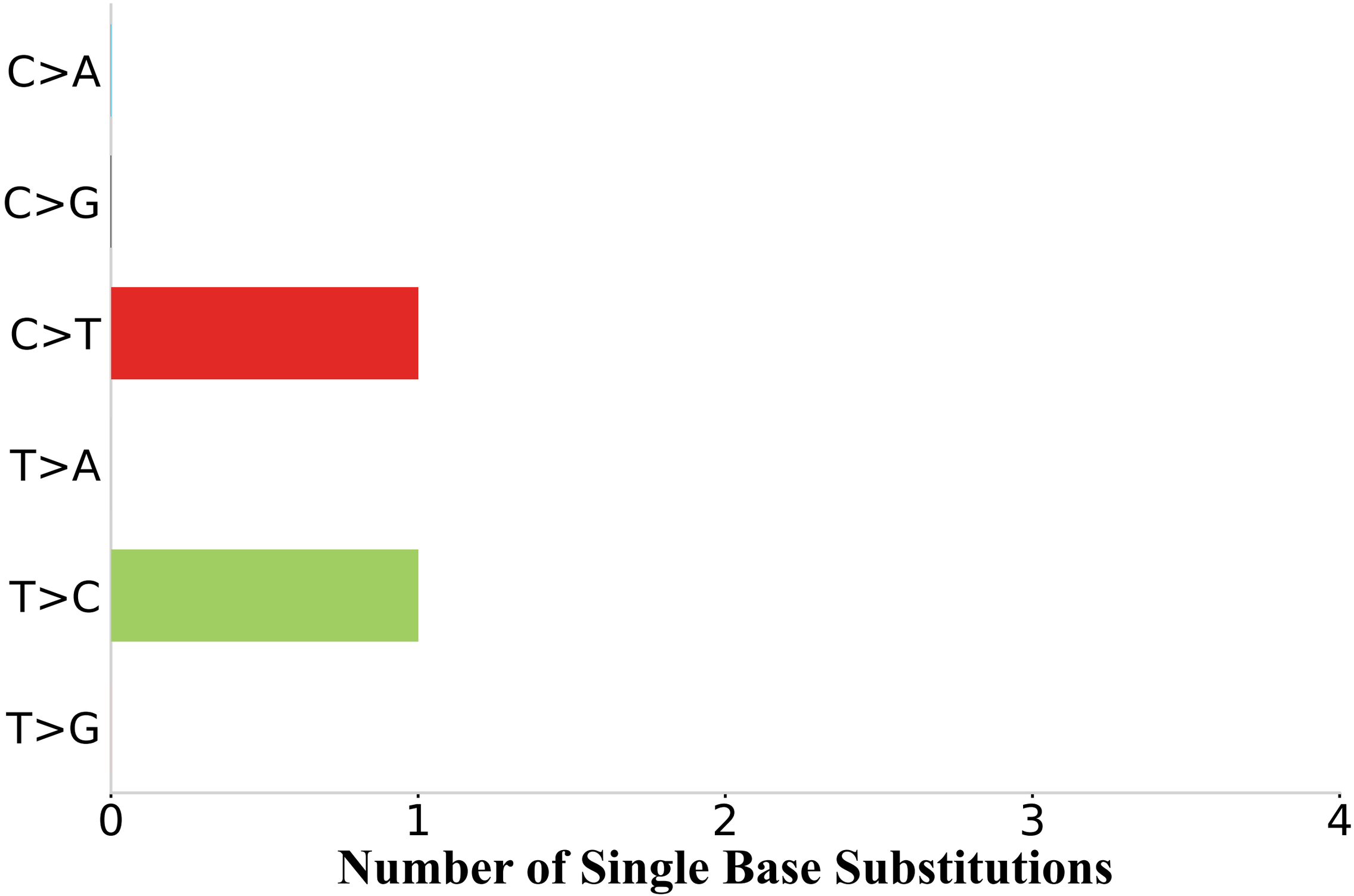


P-0008768-T01-IM5: 3 subs



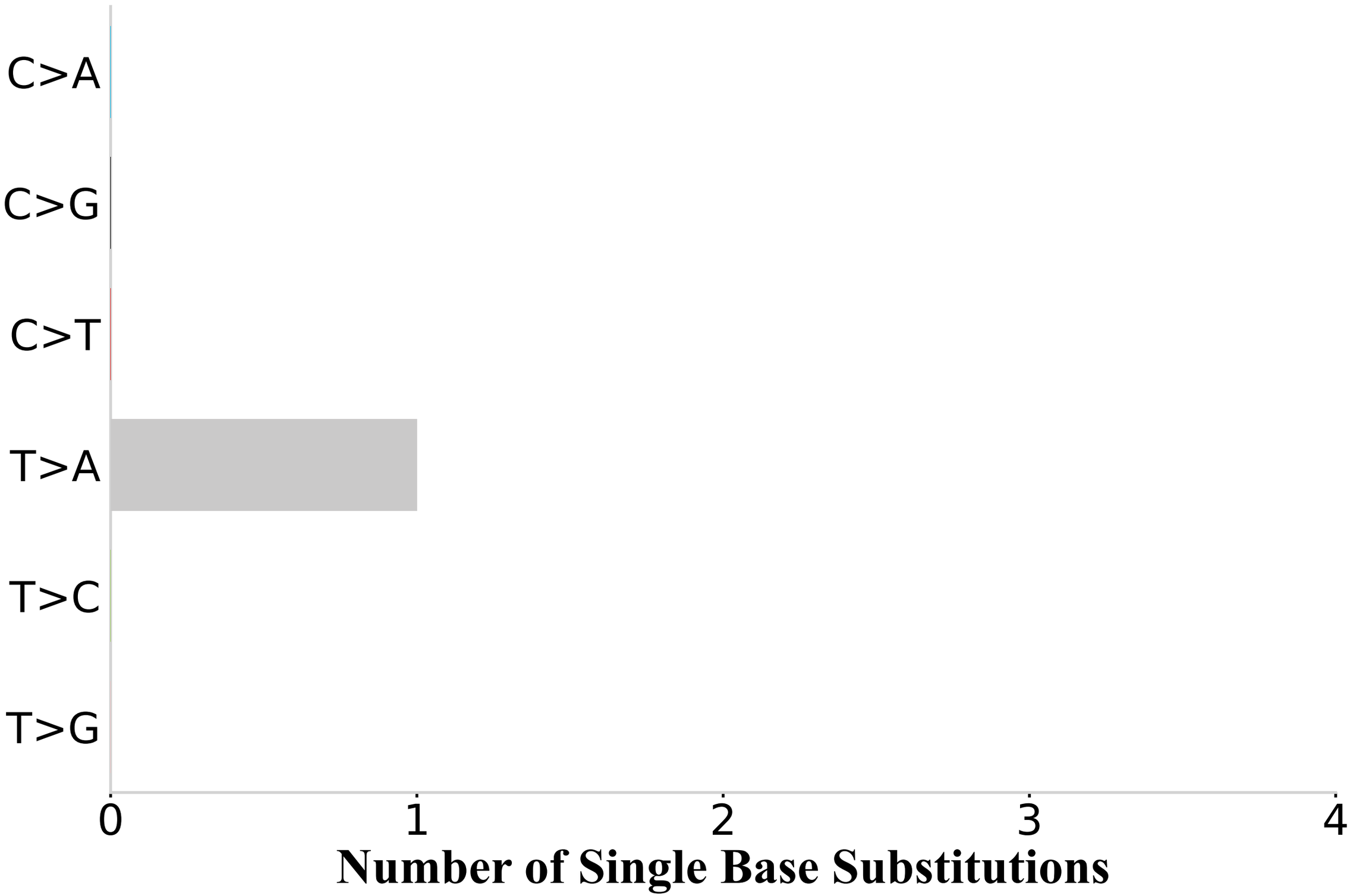
P-0009174-T01-IM5: 2 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

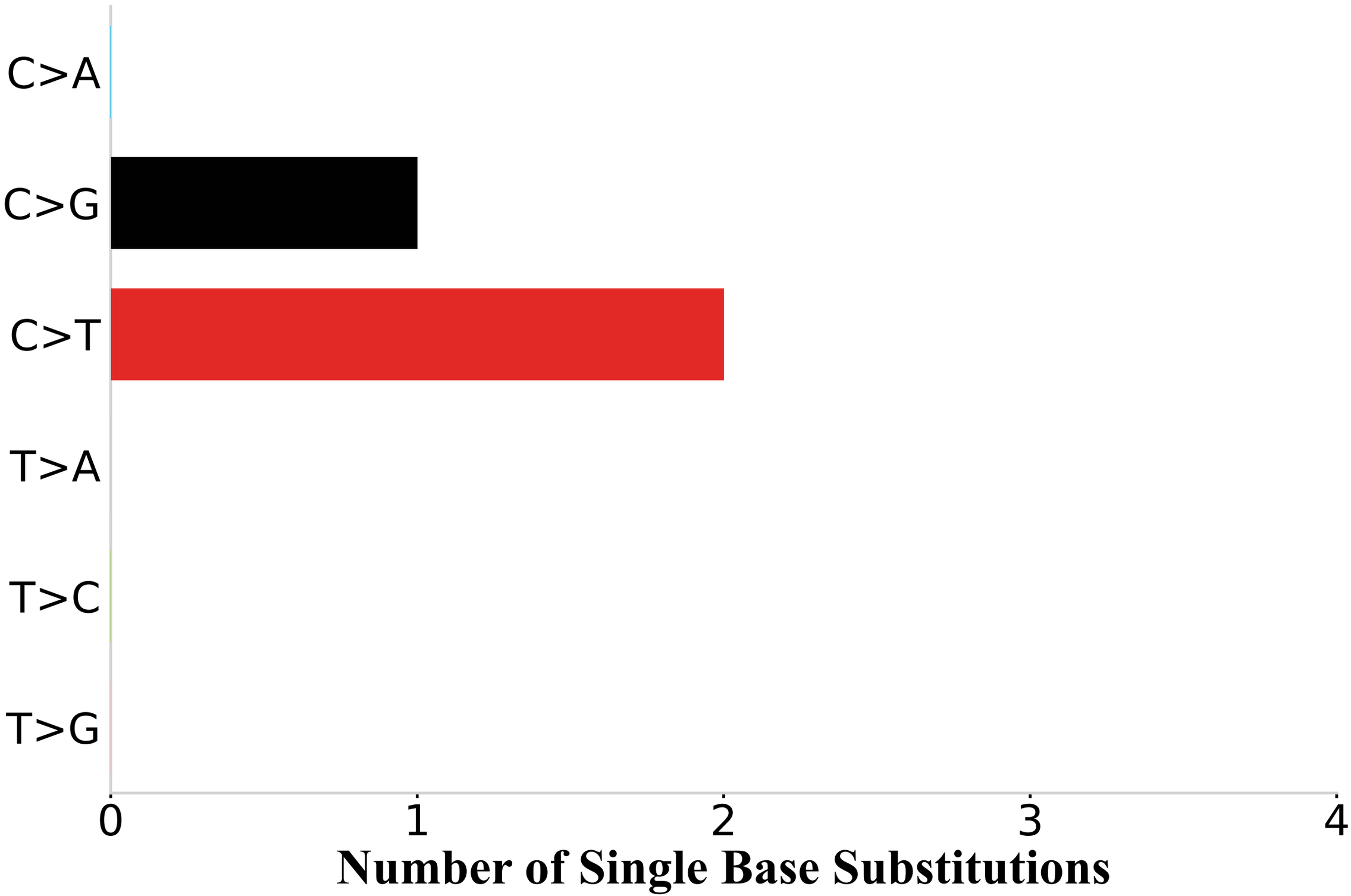
P-0009317-T02-IM5: 2 subs



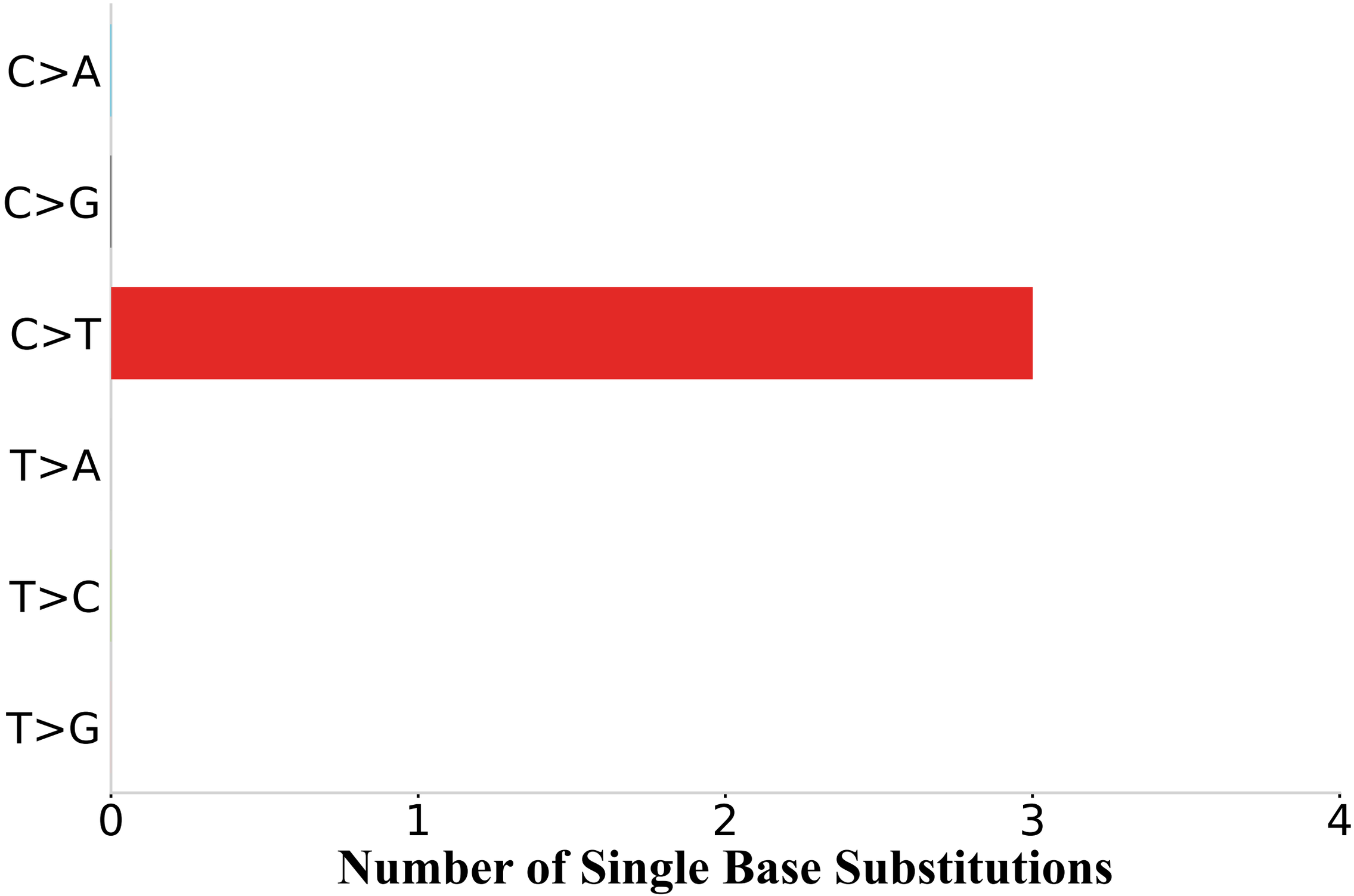
P-0009457-T01-IM5: 2 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

P-0009832-T01-IM5: 1 subs

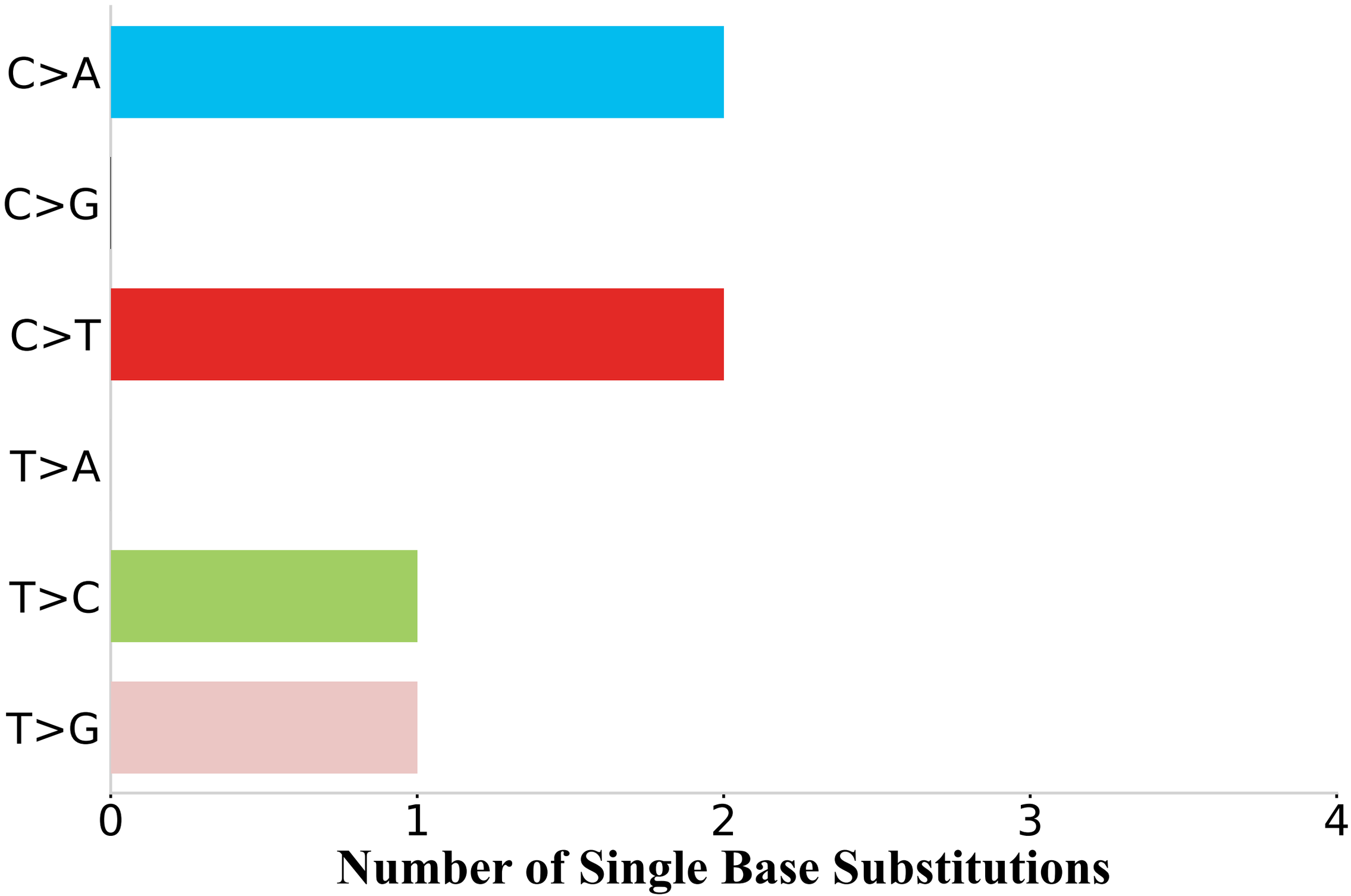


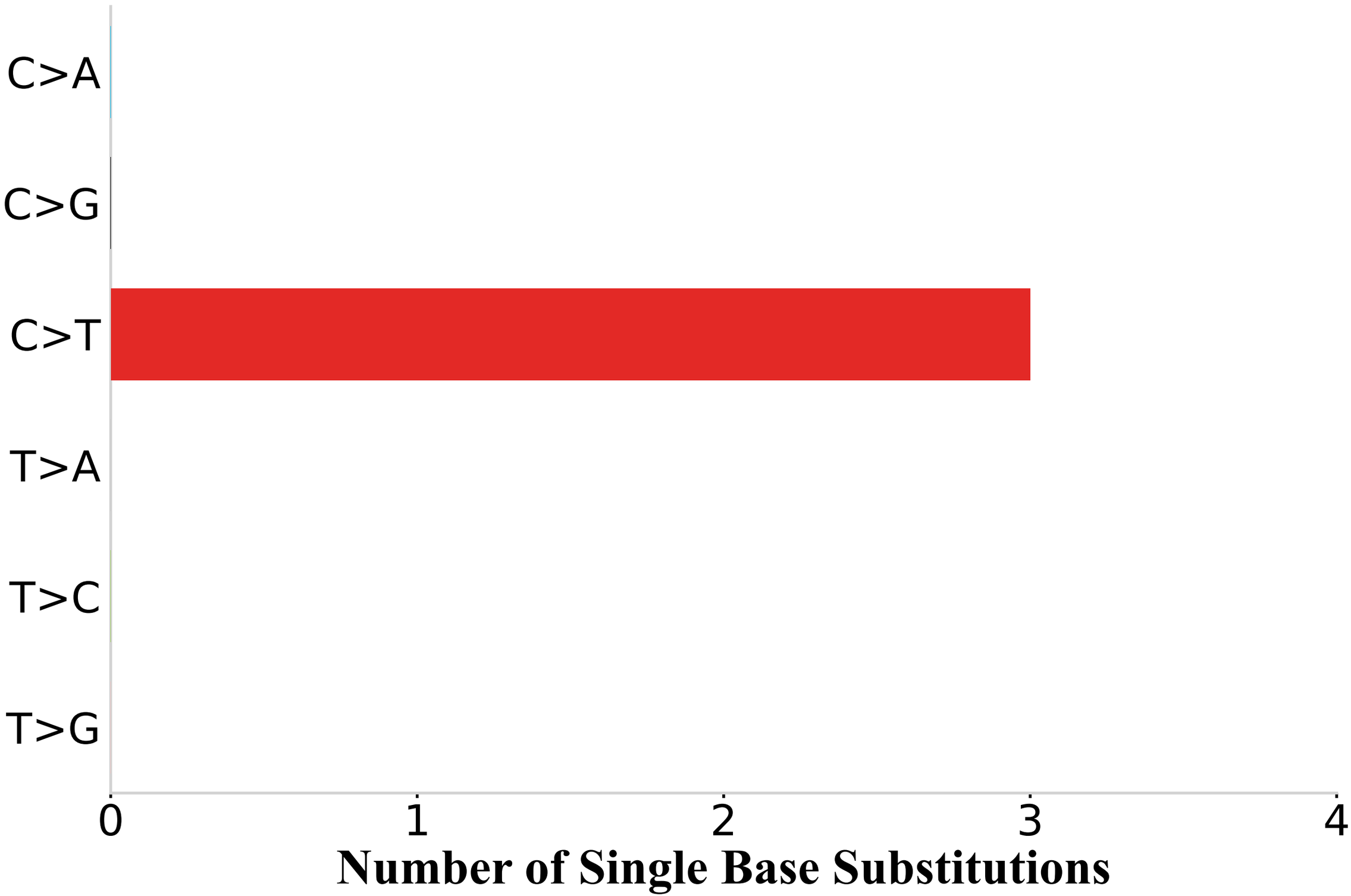

P-0010654-T01-IM5: 3 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

P-0010663-T01-IM5: 3 subs

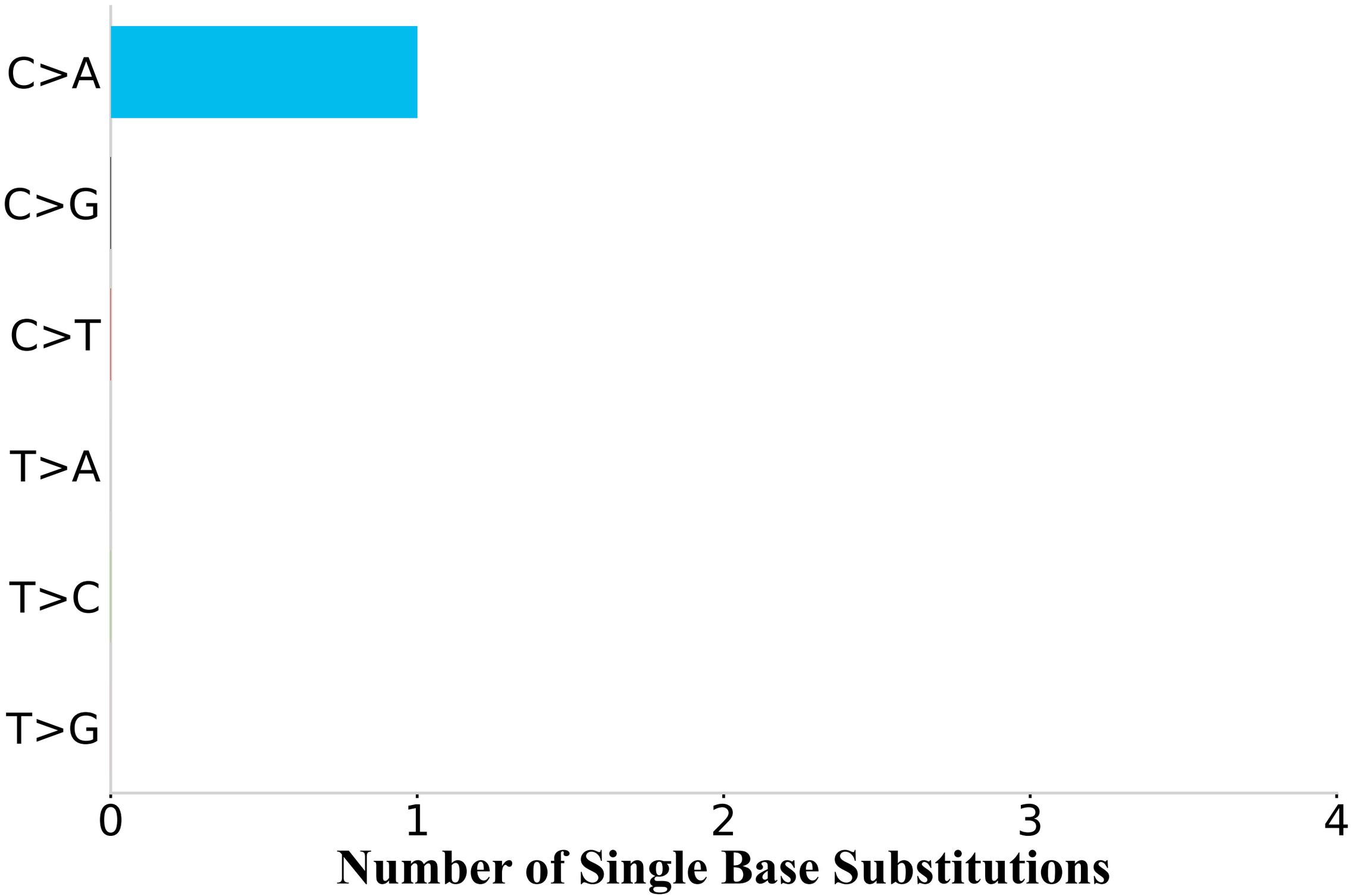


P-0011474-T01-IM5: 6 subs

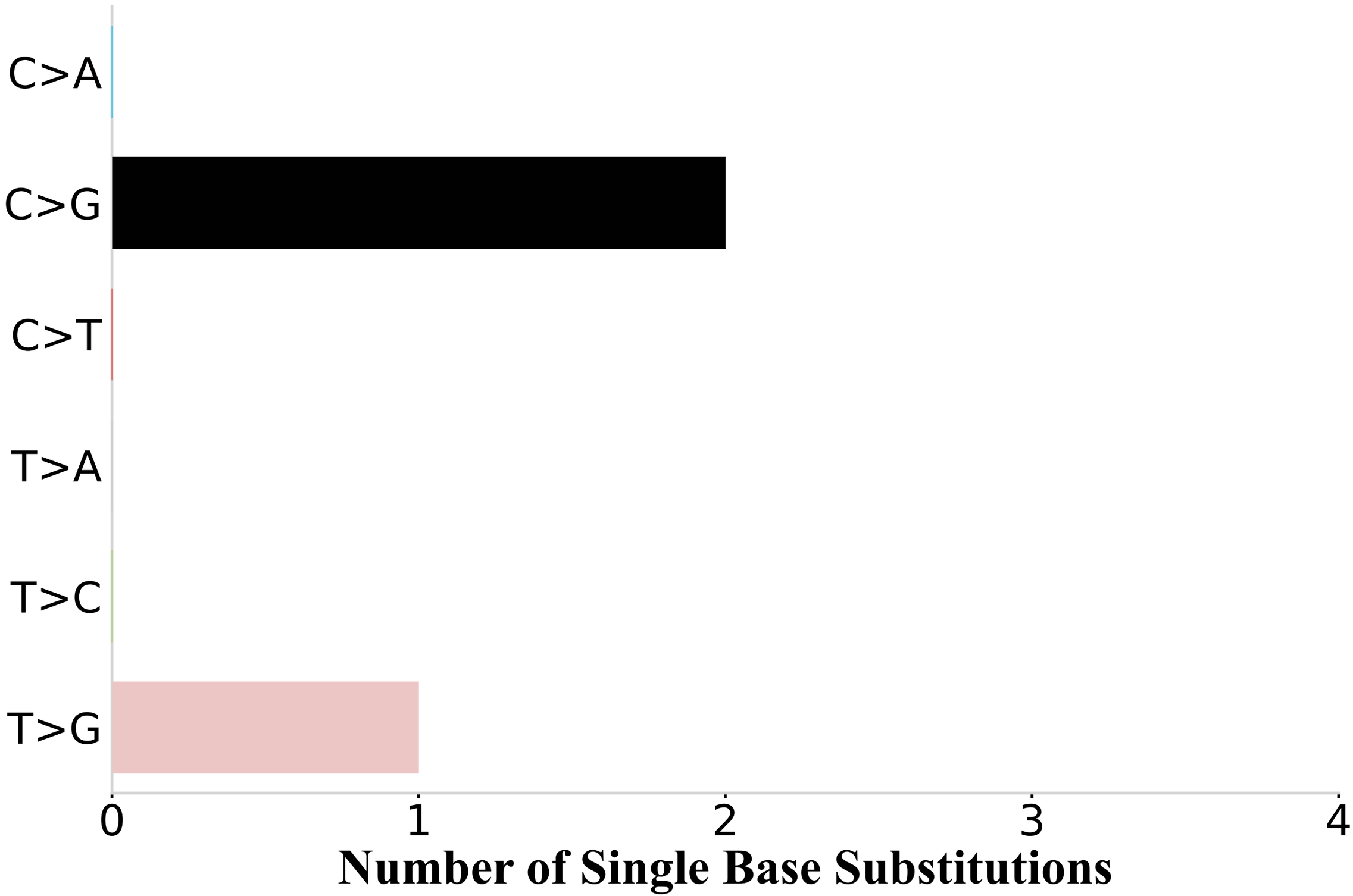



P-0012051-T01-IM5: 3 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

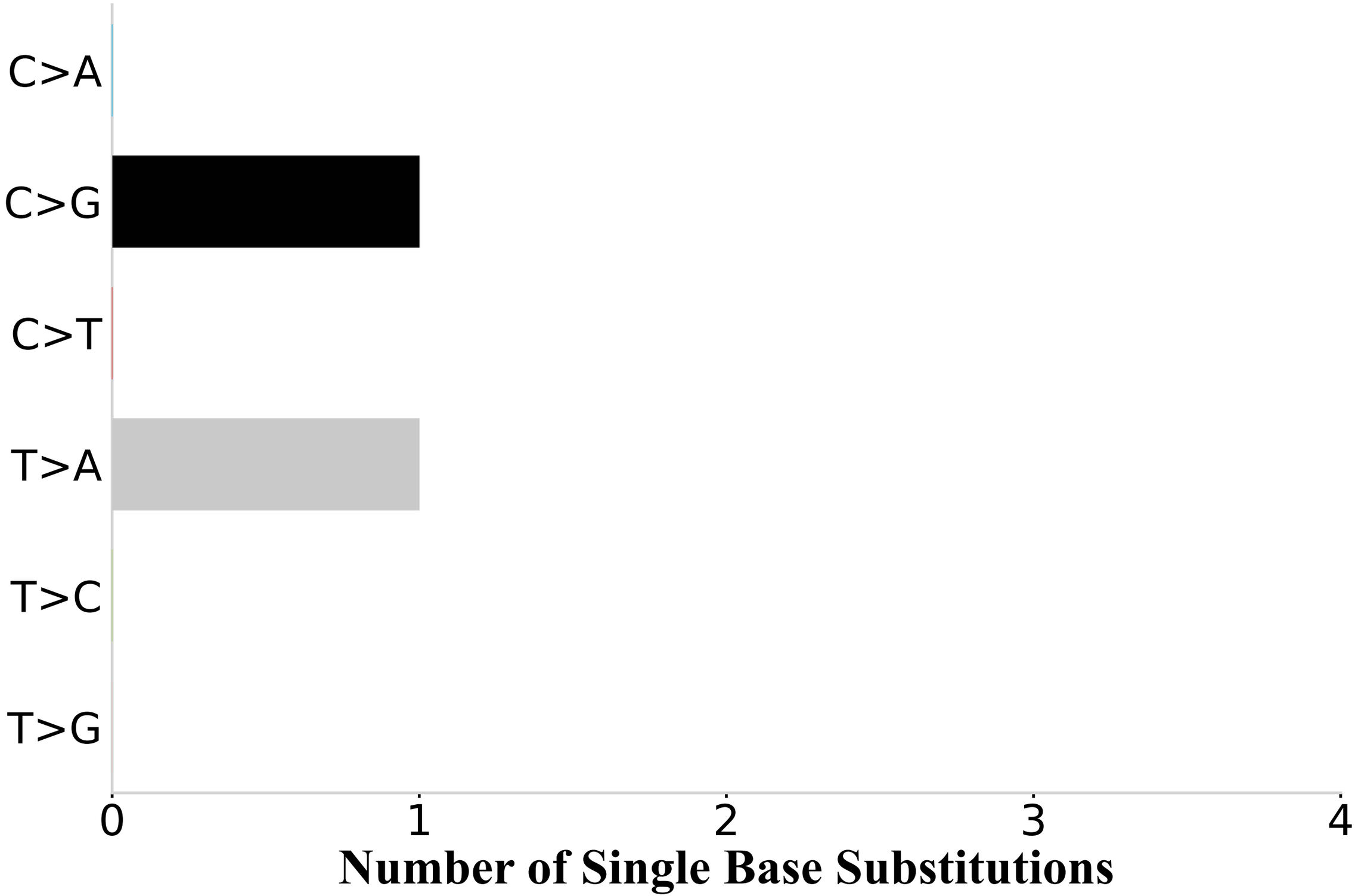
P-0012563-T01-IM5: 1 subs



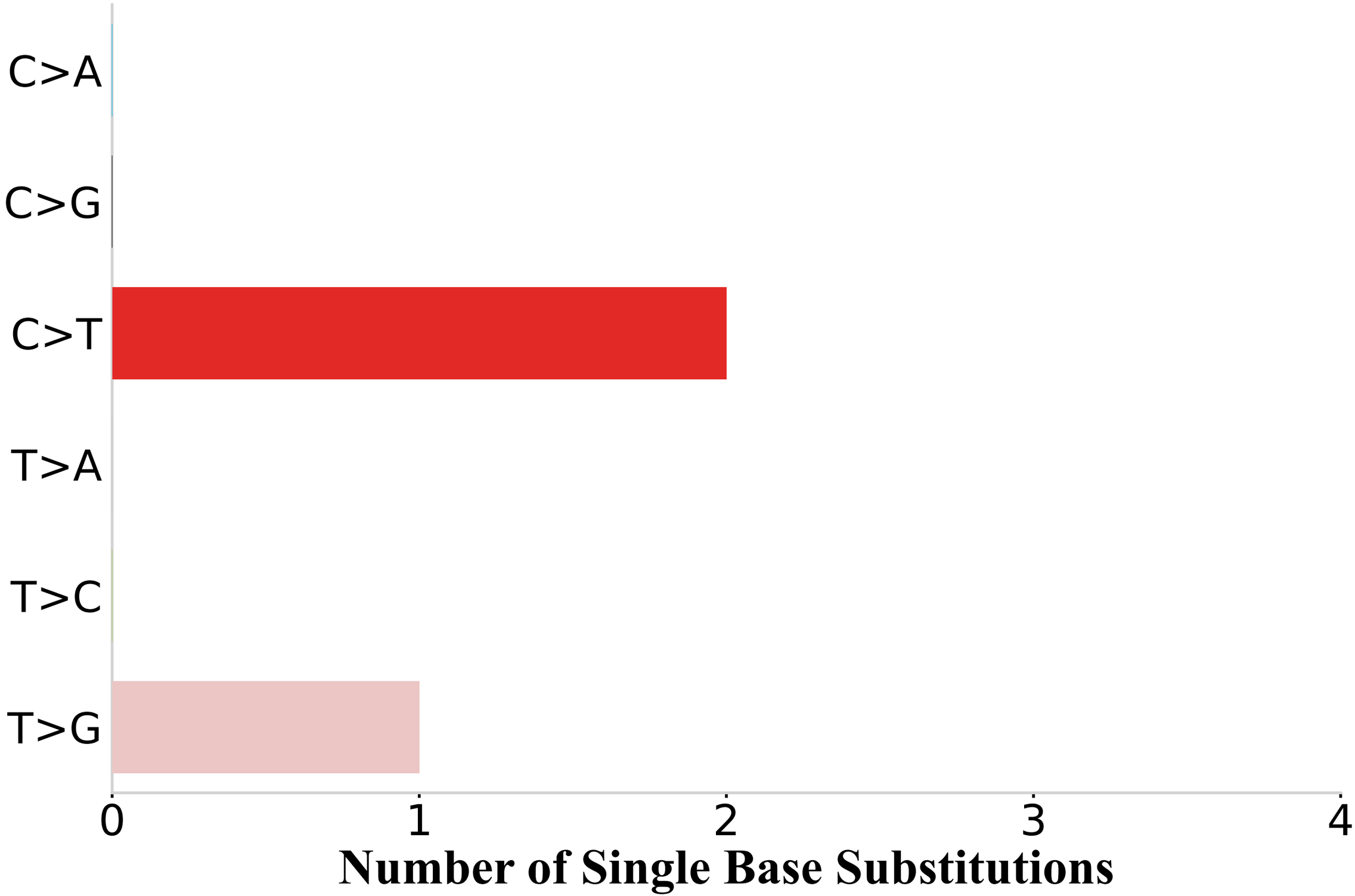
P-0012652-T01-IM5: 3 subs

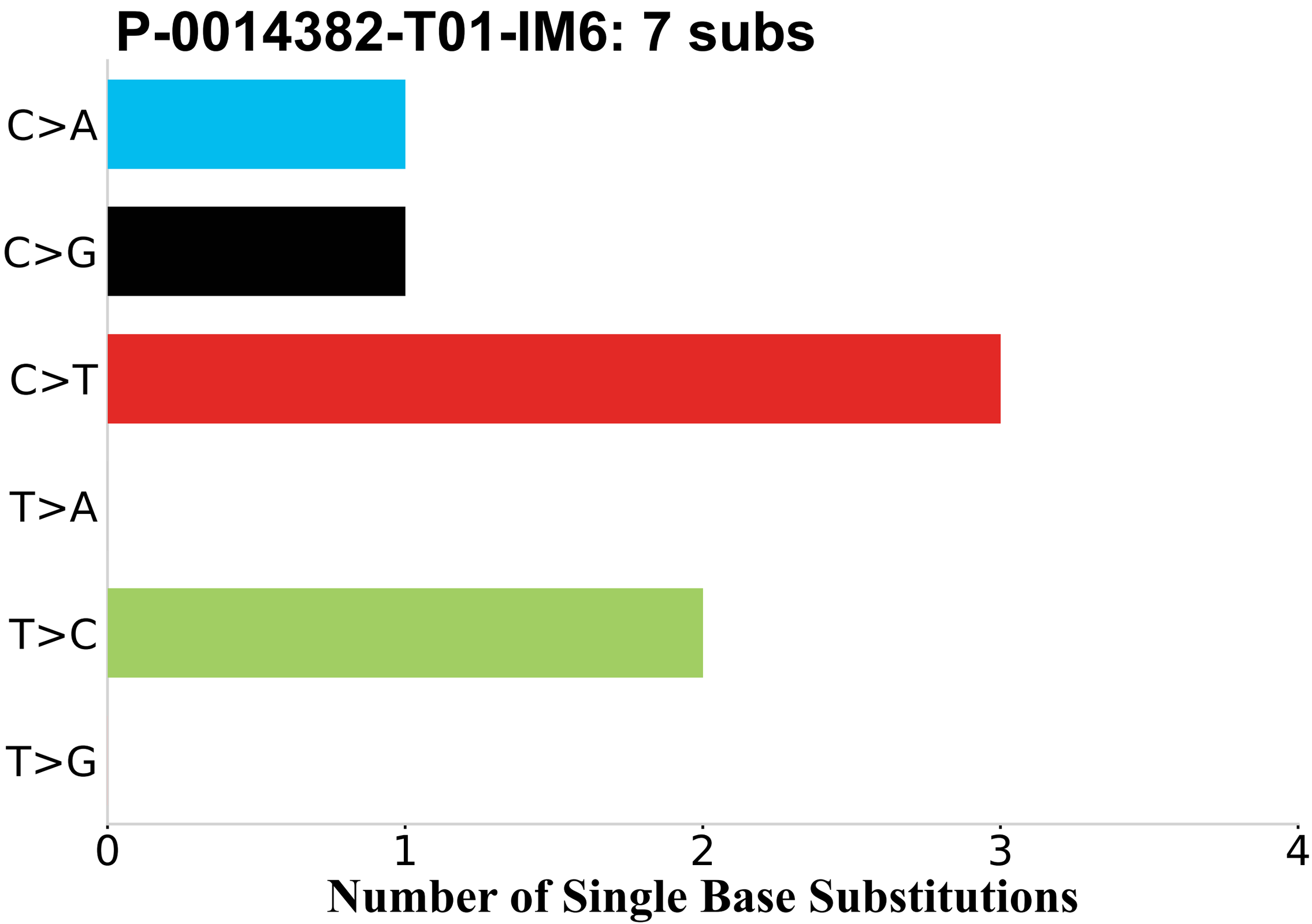


P-0013084-T01-IM5: 2 subs

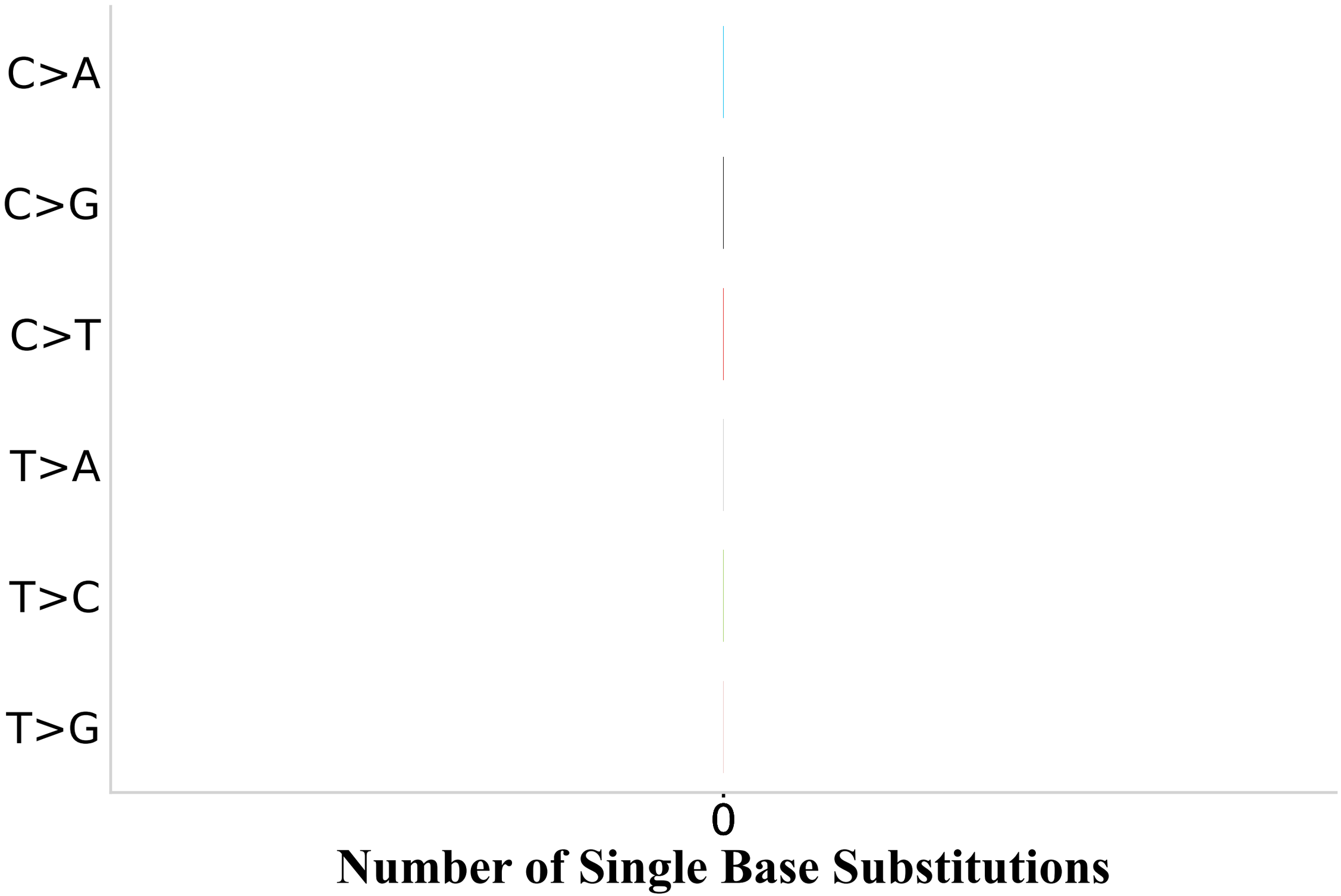


P-0013838-T01-IM5: 3 subs

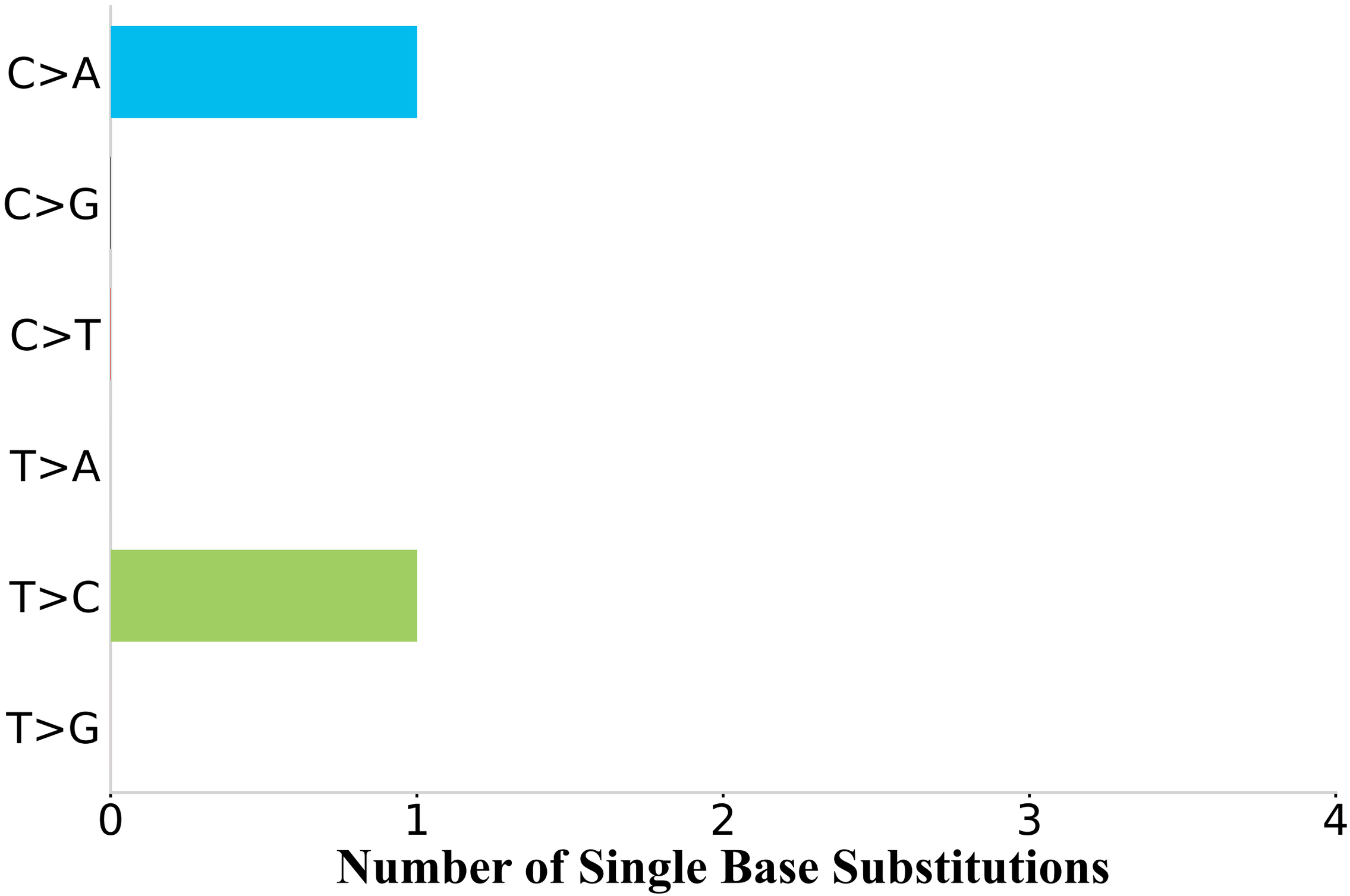


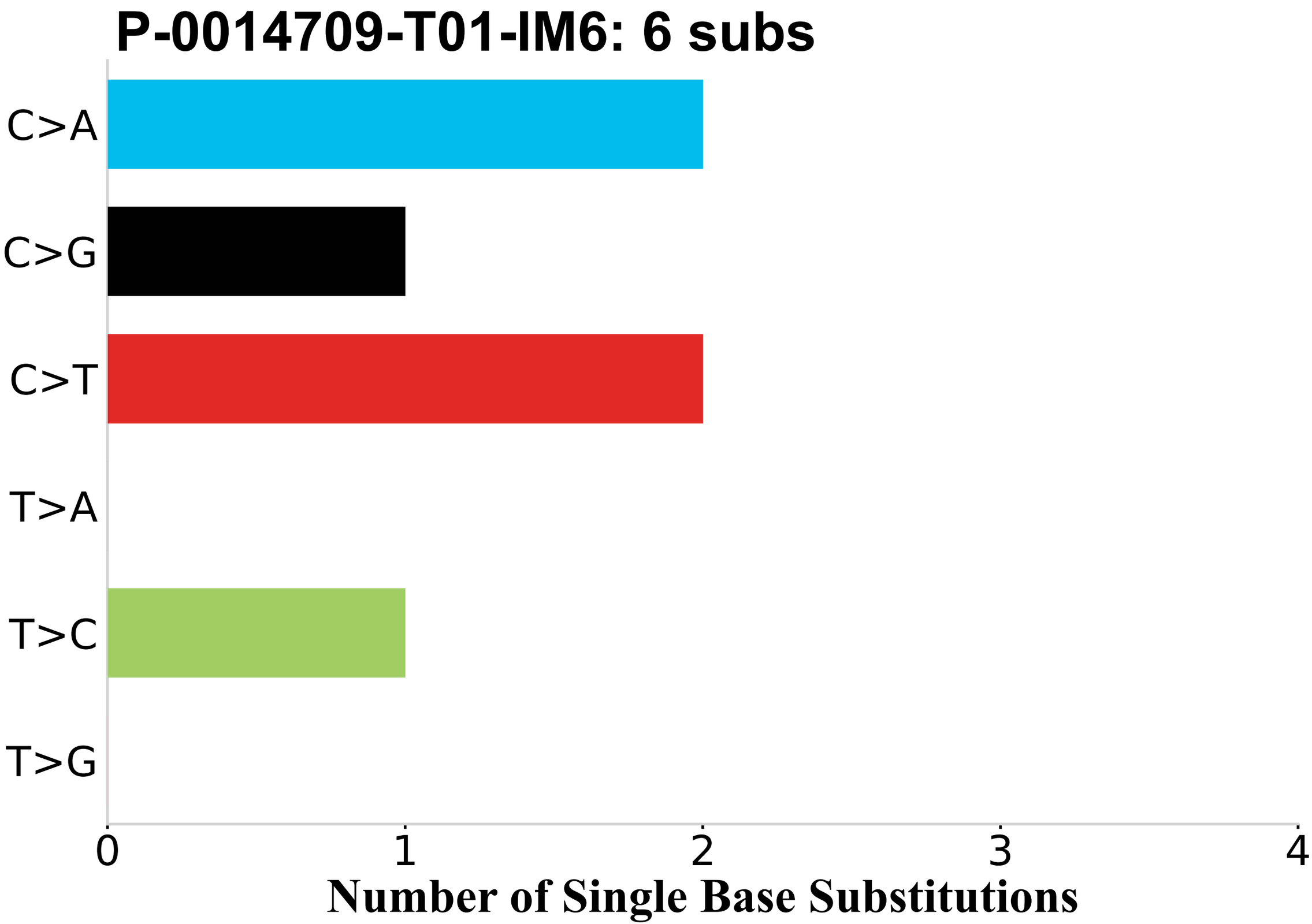

P-0014382-T01-IM6: 7 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

P-0014405-T01-IM6: 0 subs

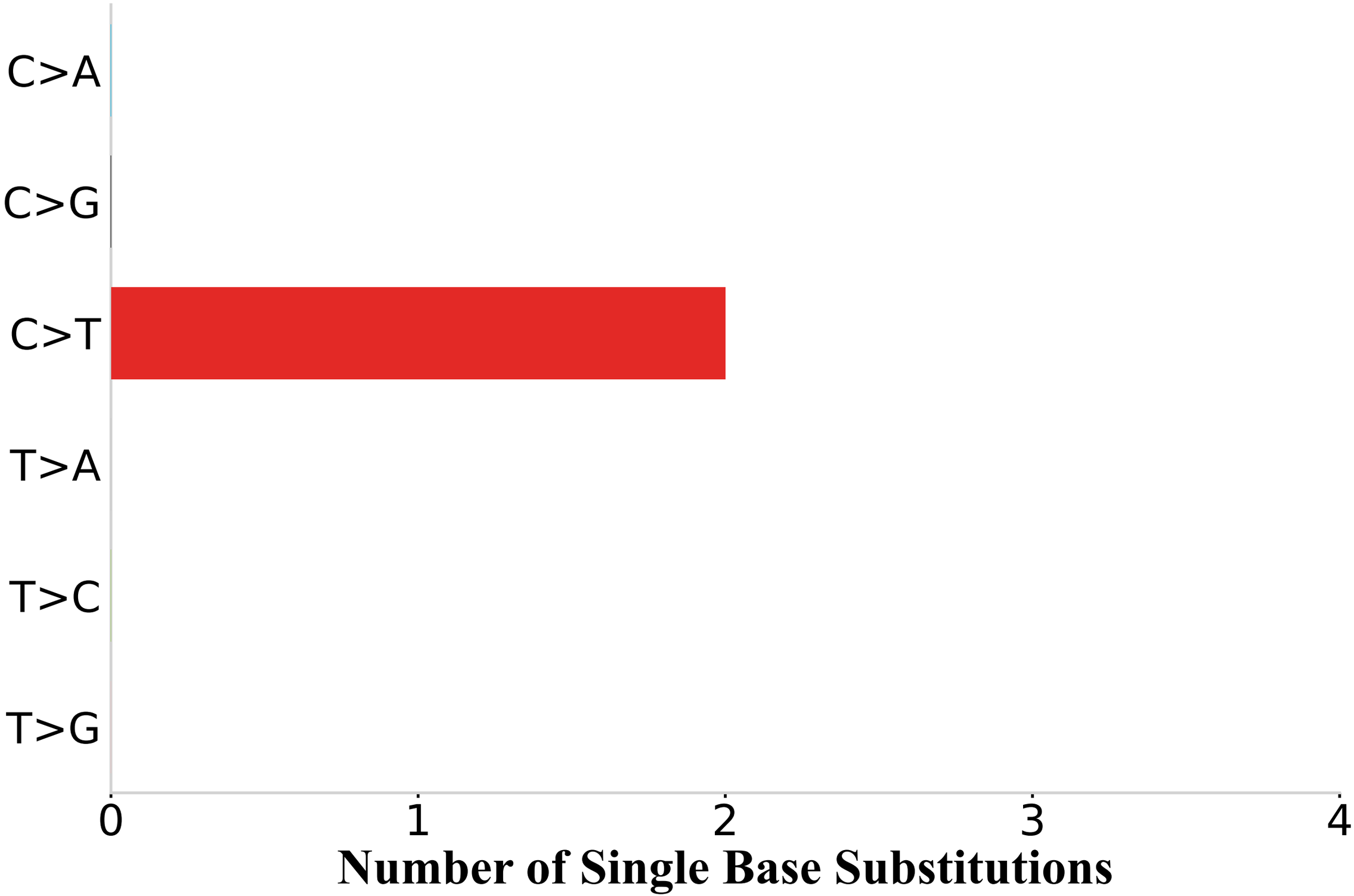


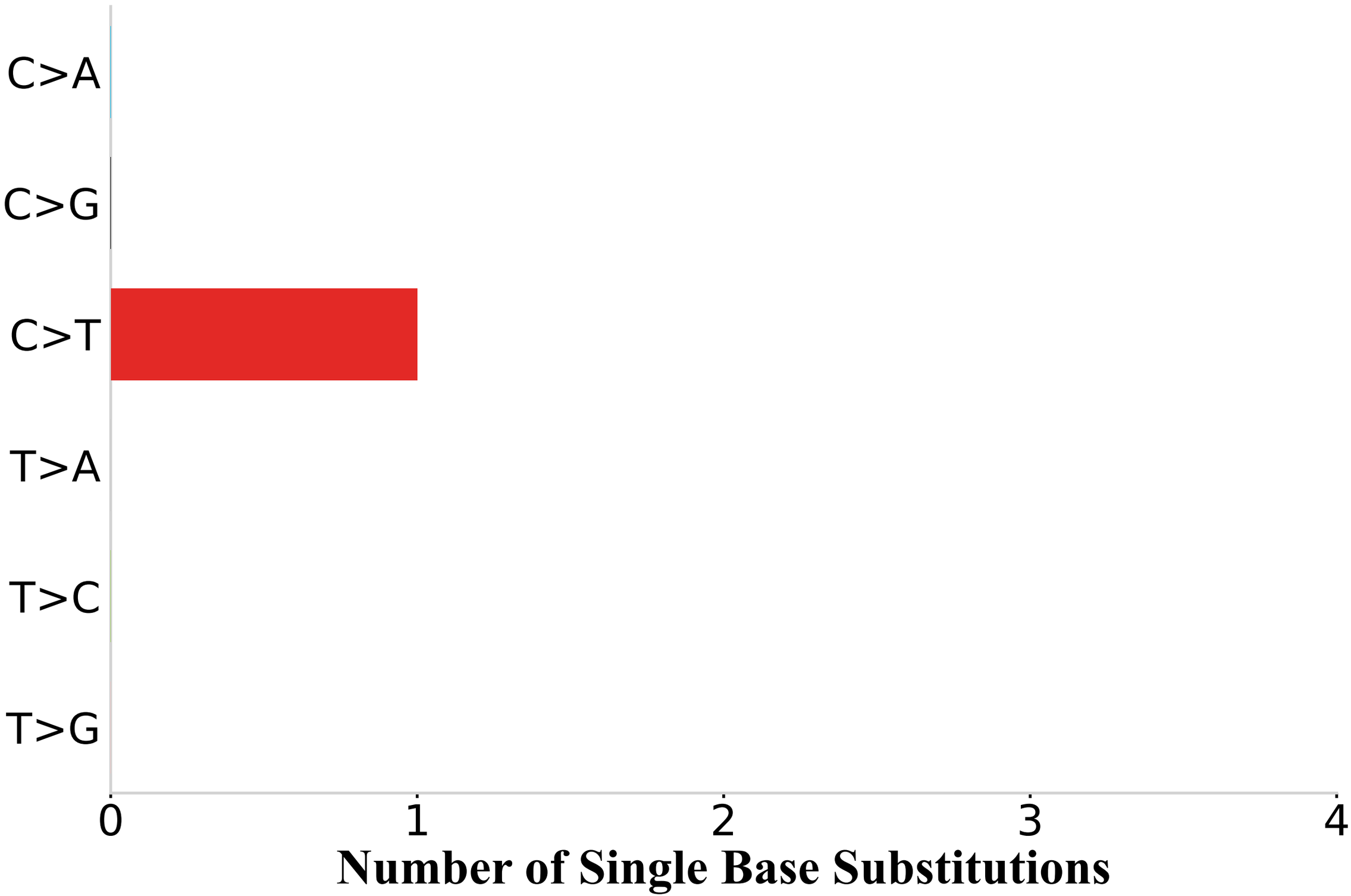
P-0014472-T01-IM6: 2 subs



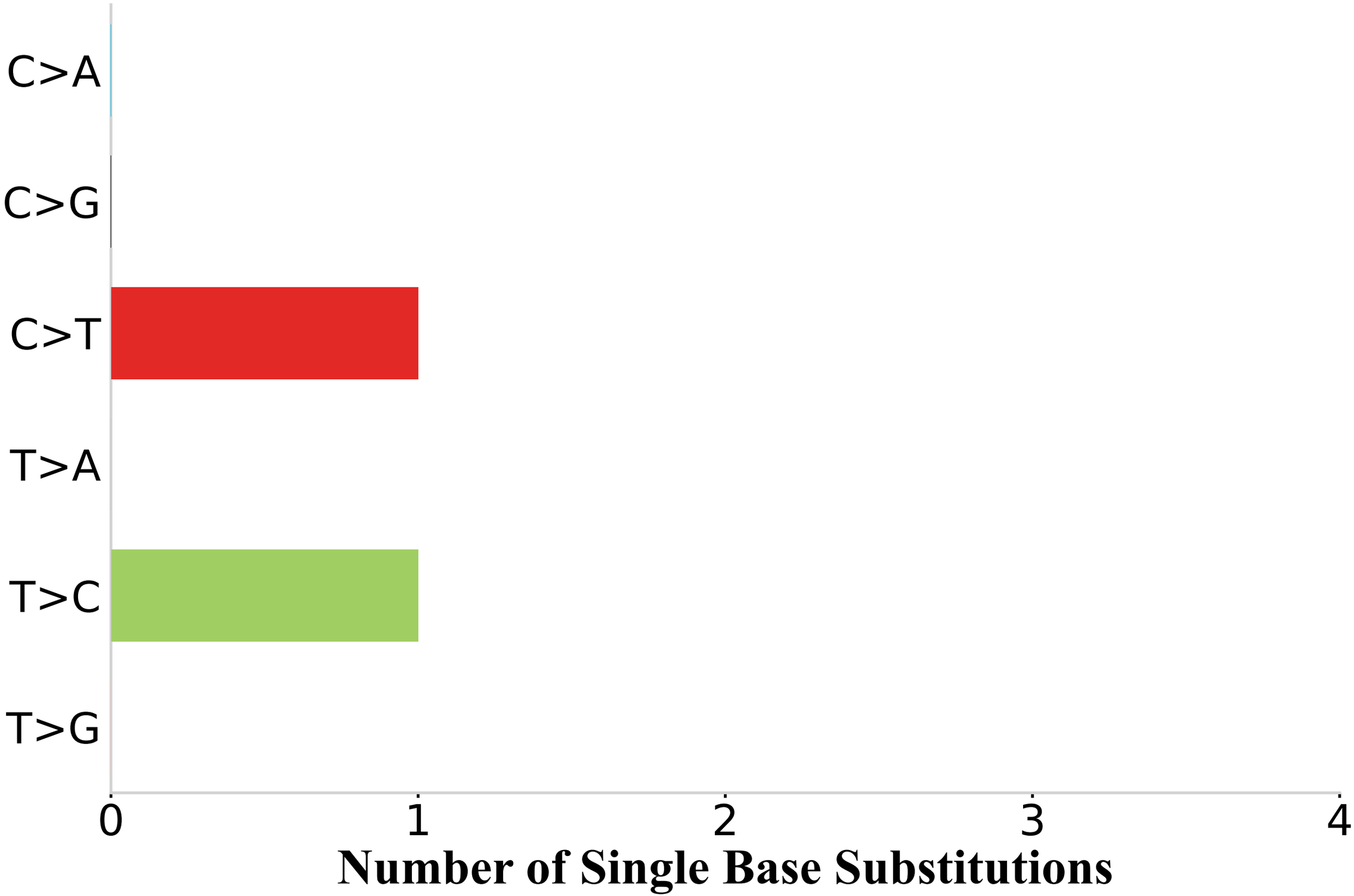

P-0014709-T01-IM6: 6 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

P-0014961-T01-IM6: 2 subs

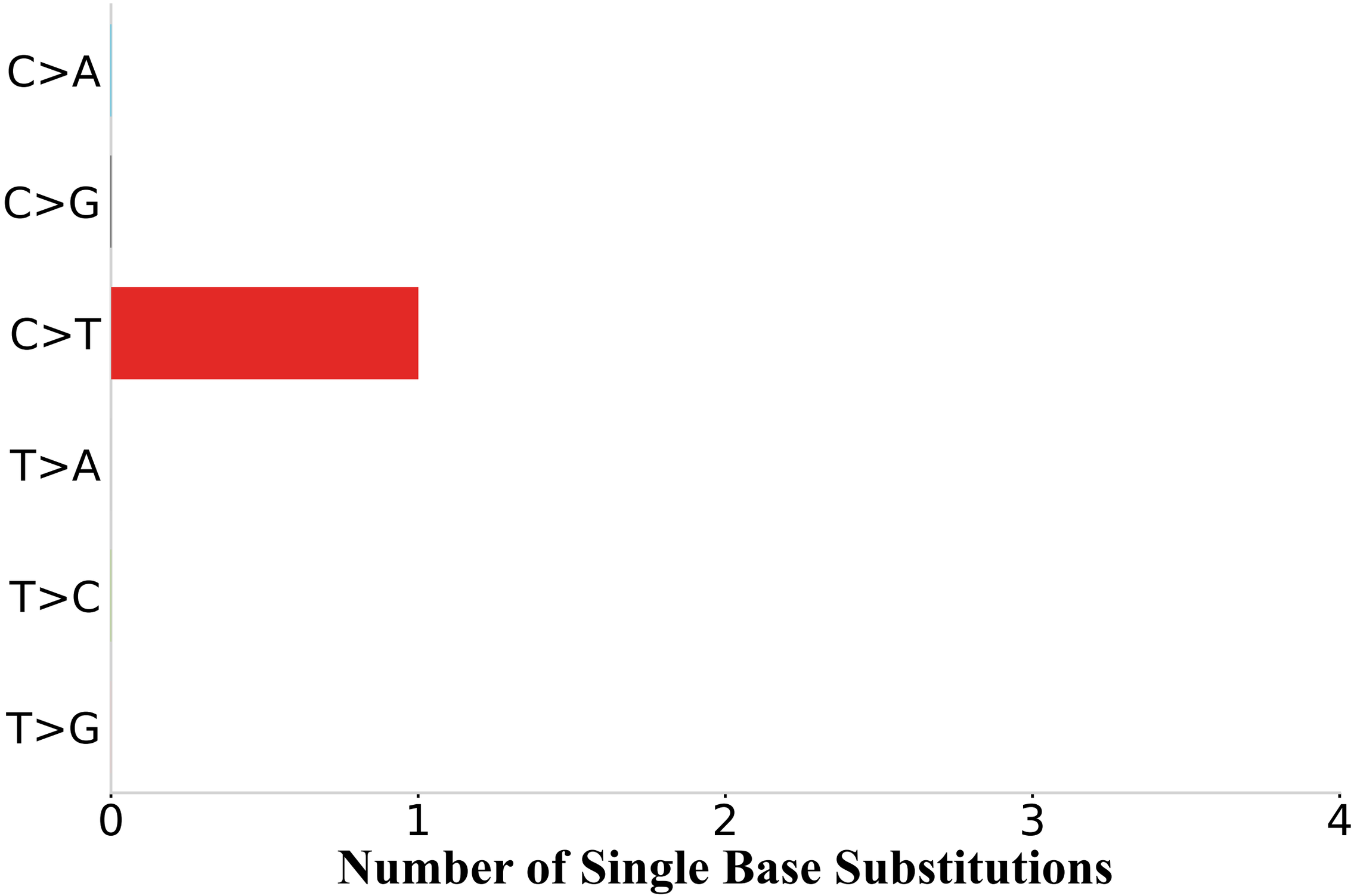



P-0015093-T01-IM6: 1 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

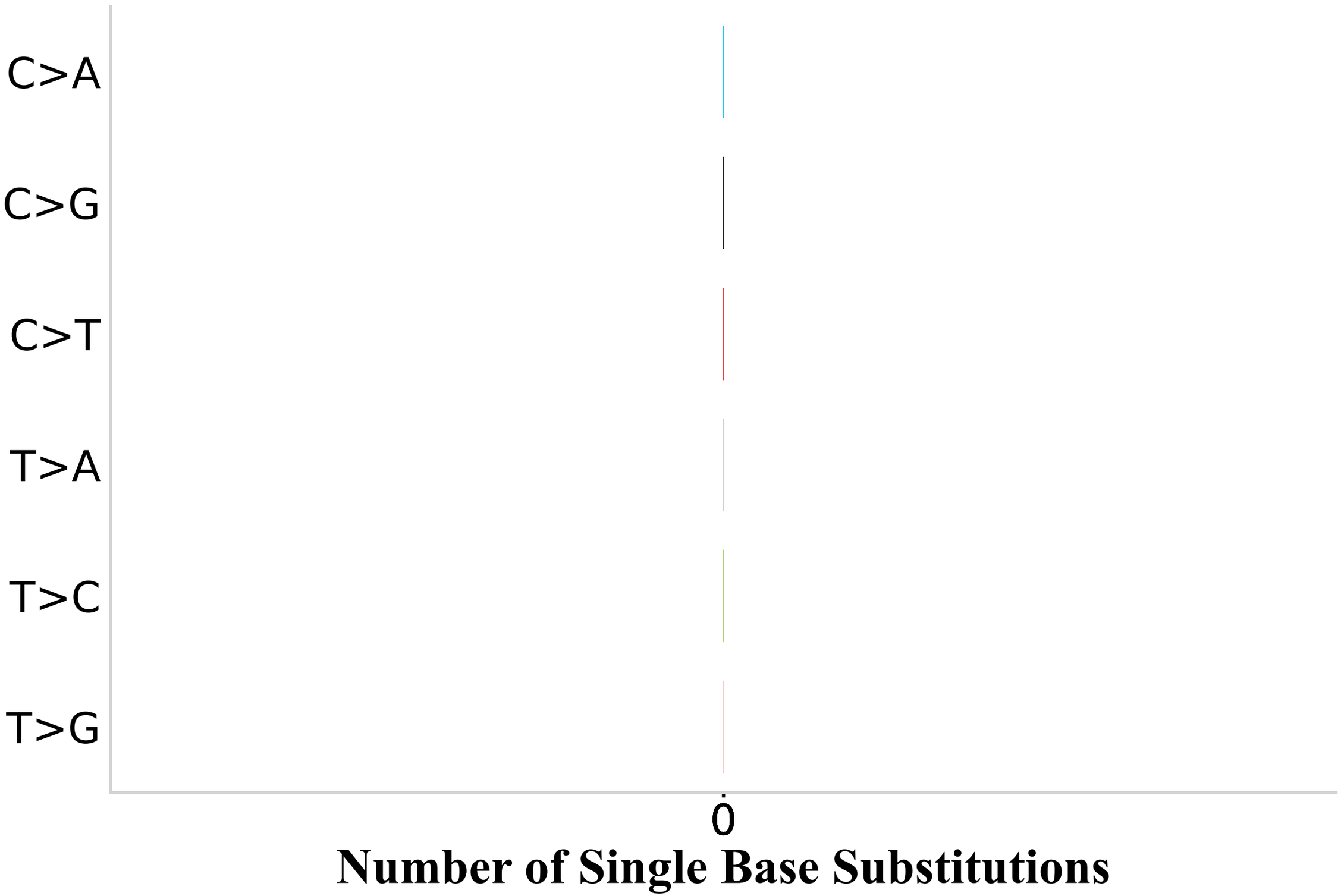
P-0015101-T01-IM6: 2 subs



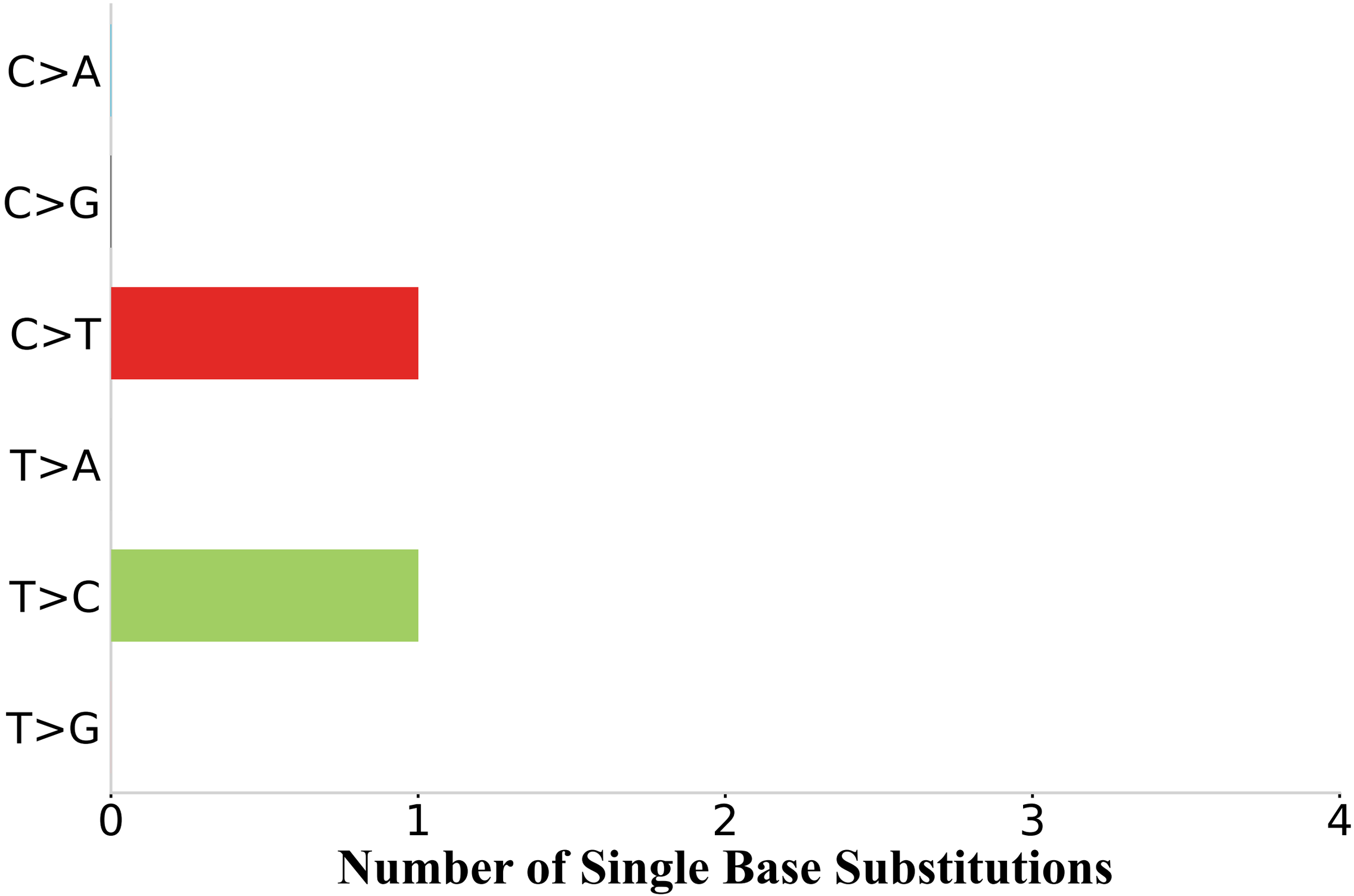
P-0015401-T01-IM6: 1 subs

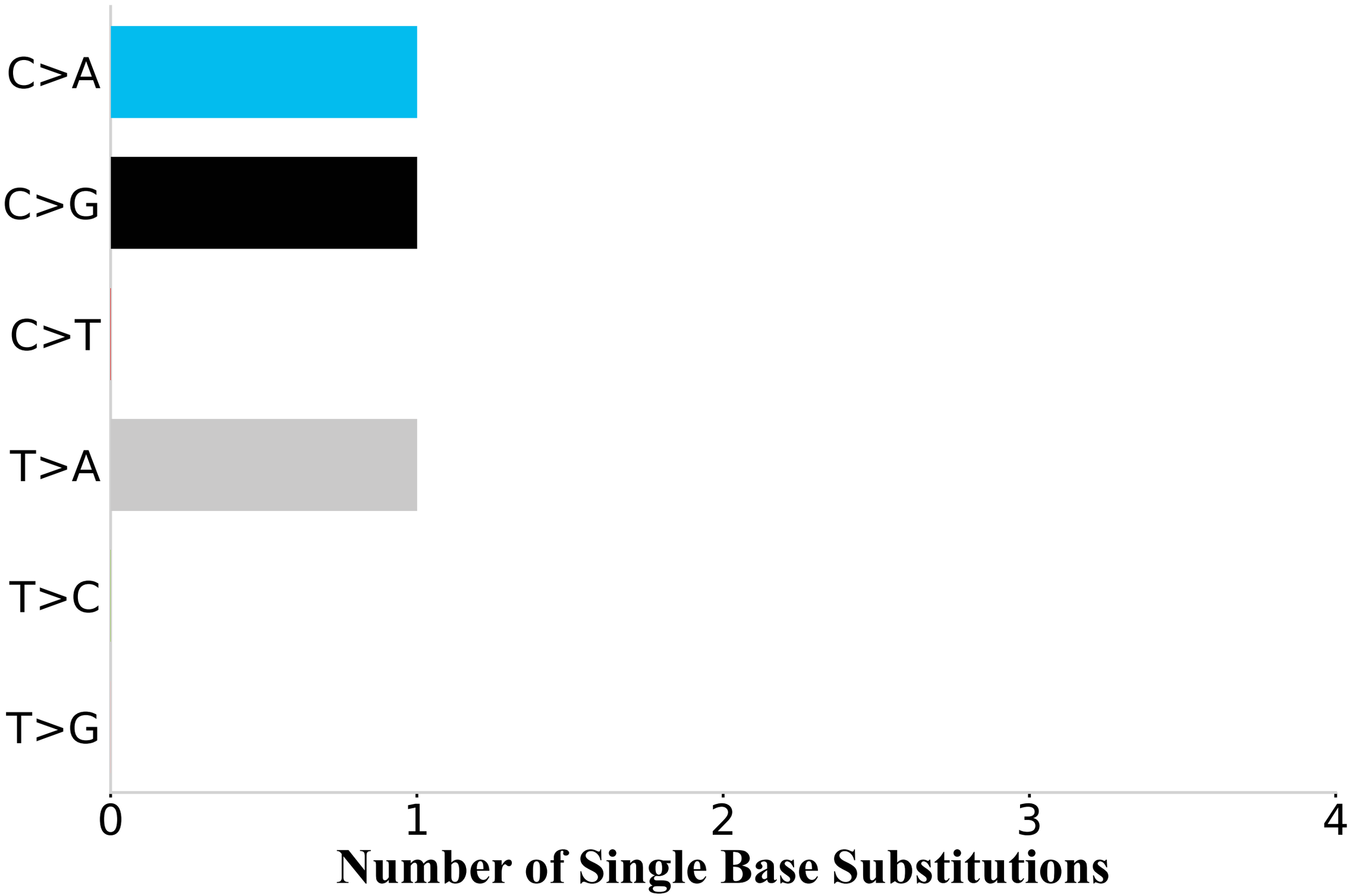


P-0015992-T02-IM6: 0 subs

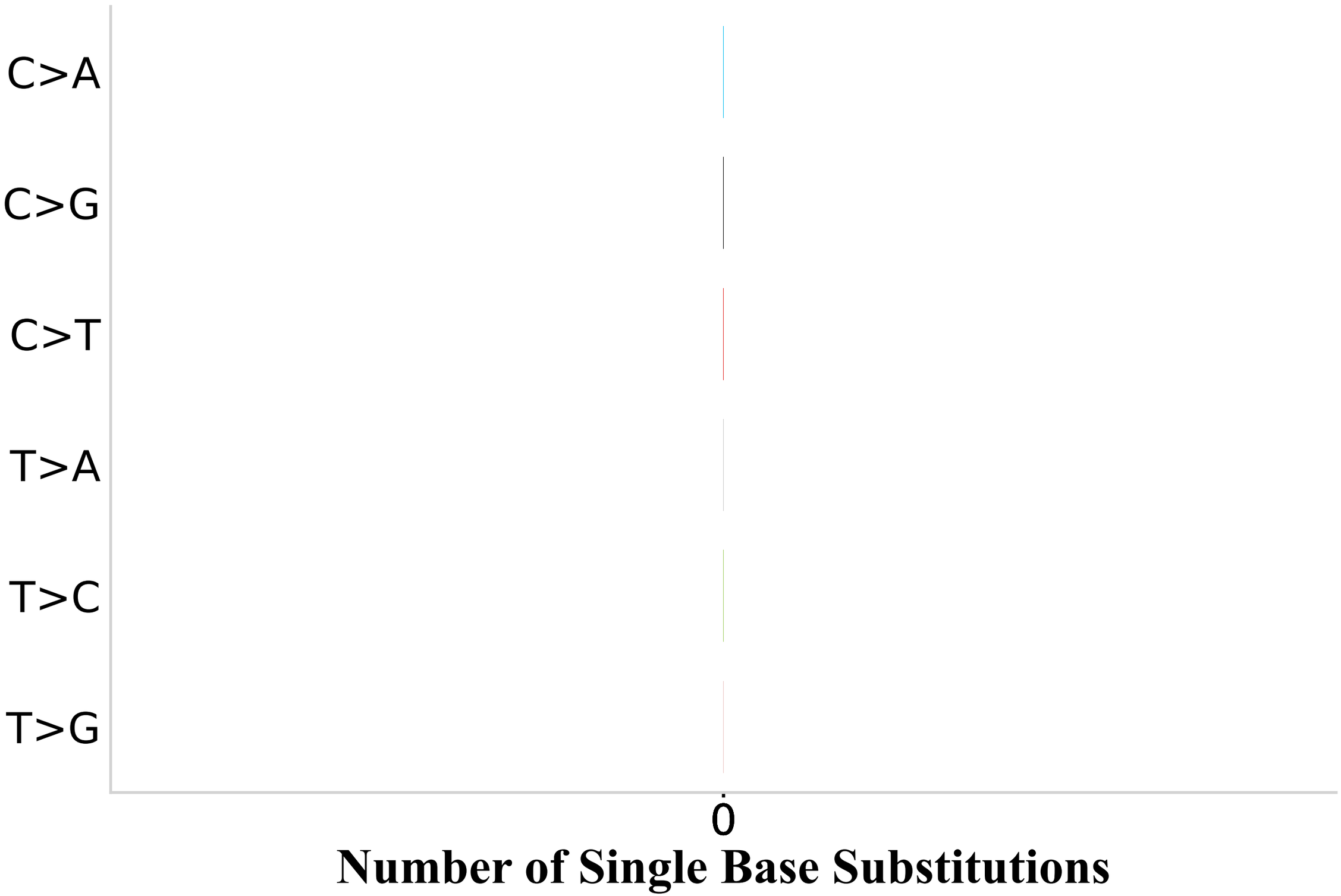


P-0016362-T01-IM6: 2 subs

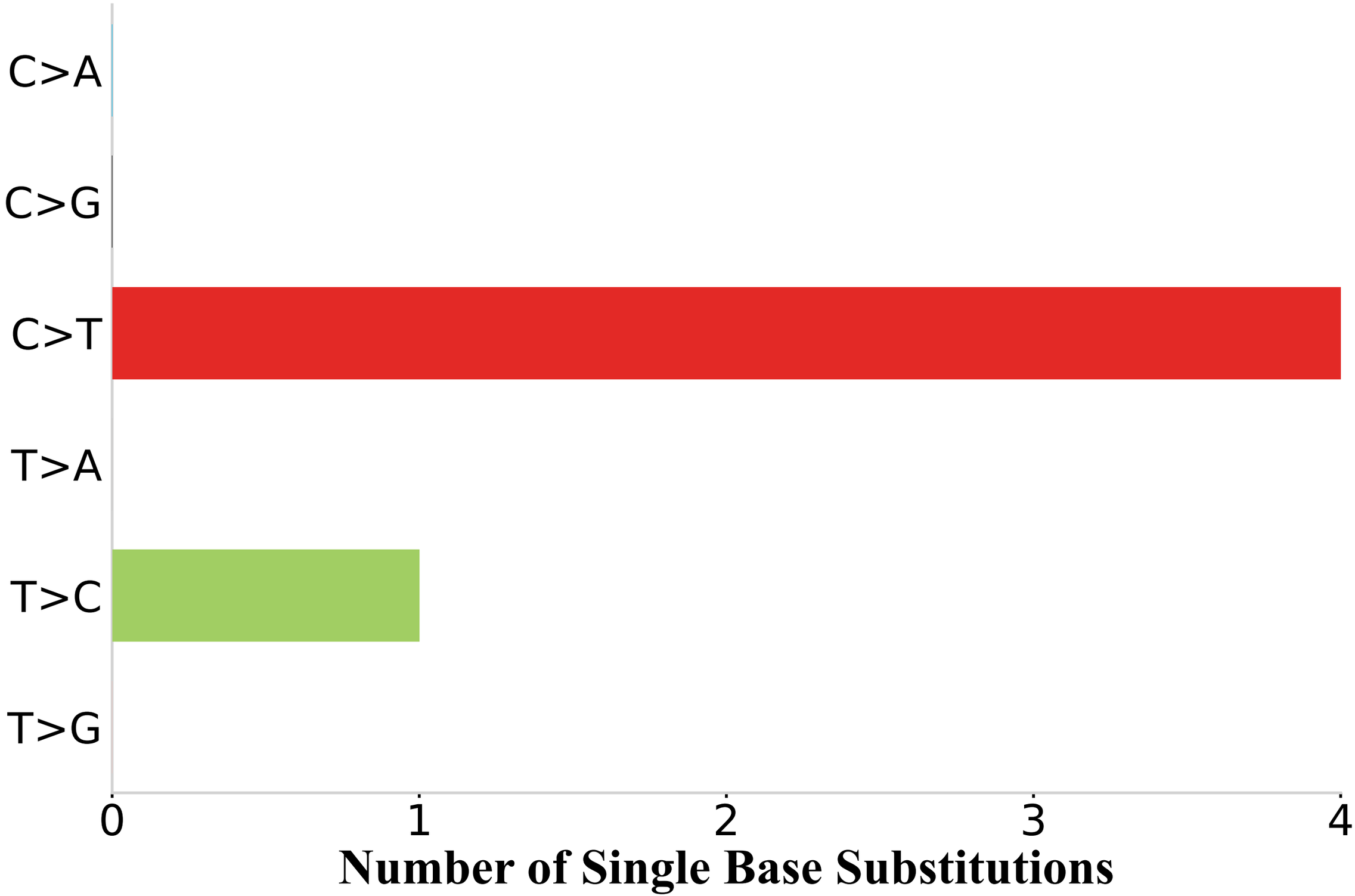



P-0016400-T01-IM6: 3 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

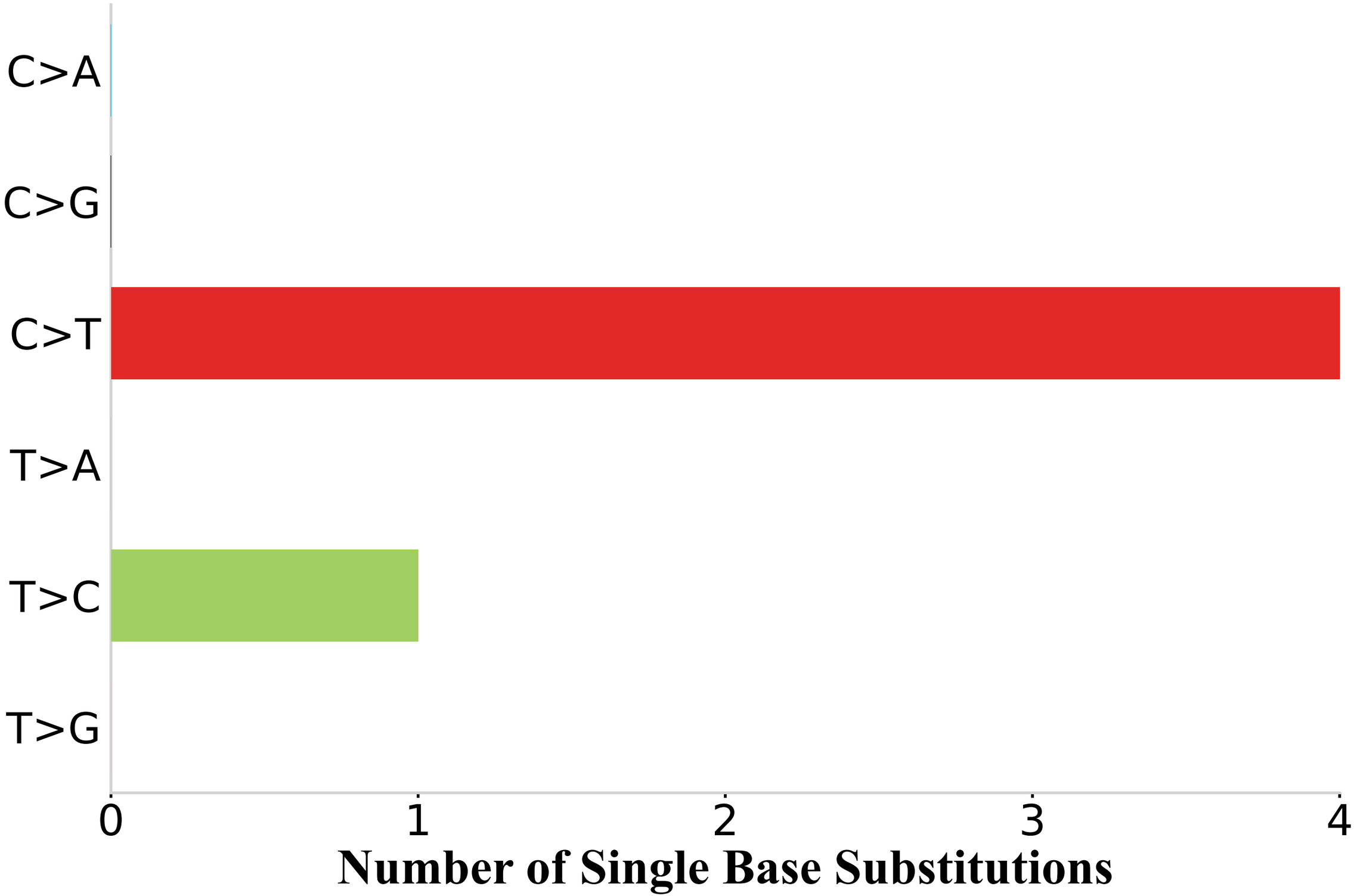
P-0016421-T01-IM6: 0 subs



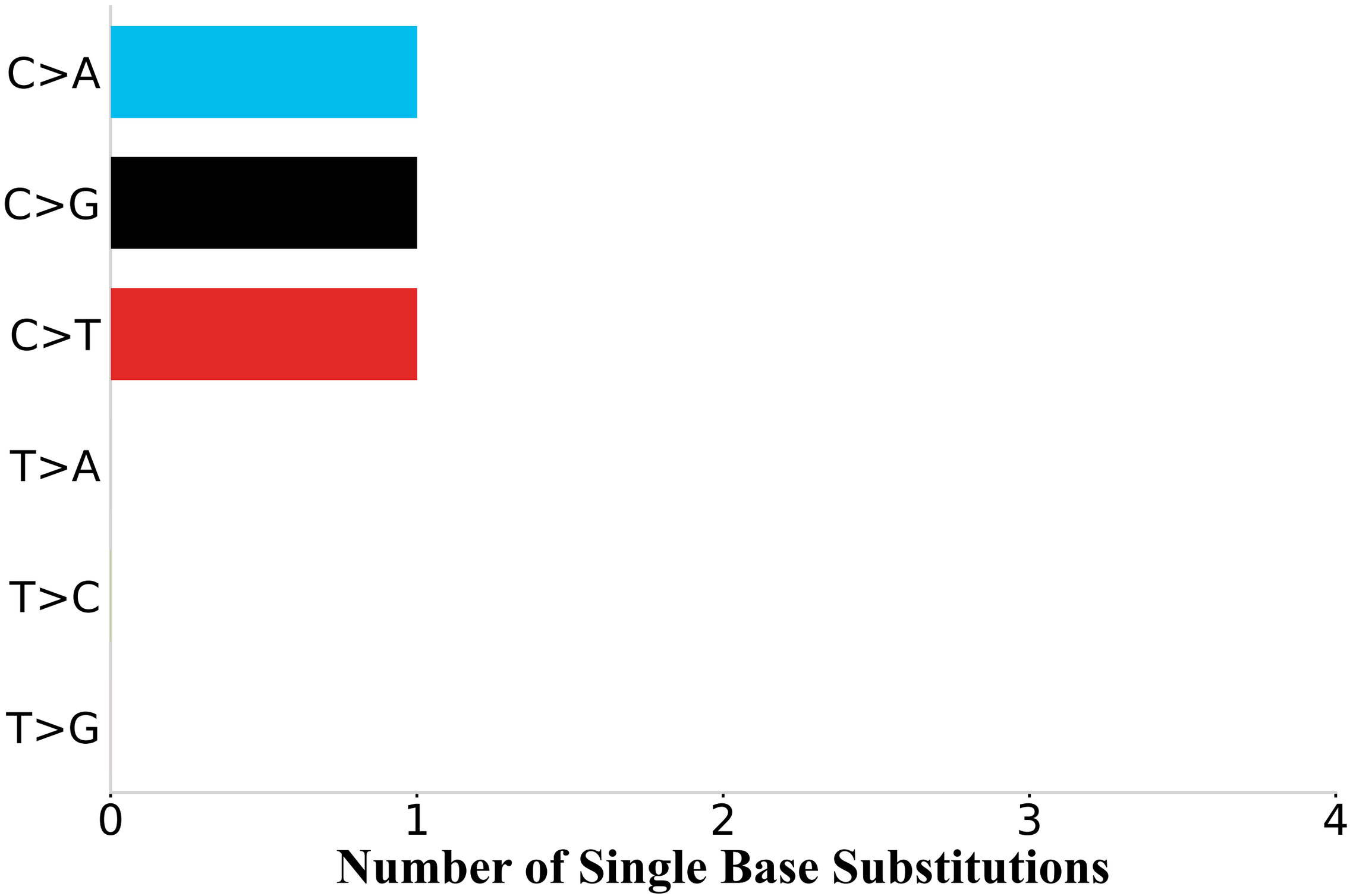
P-0017244-T01-IM6: 5 subs



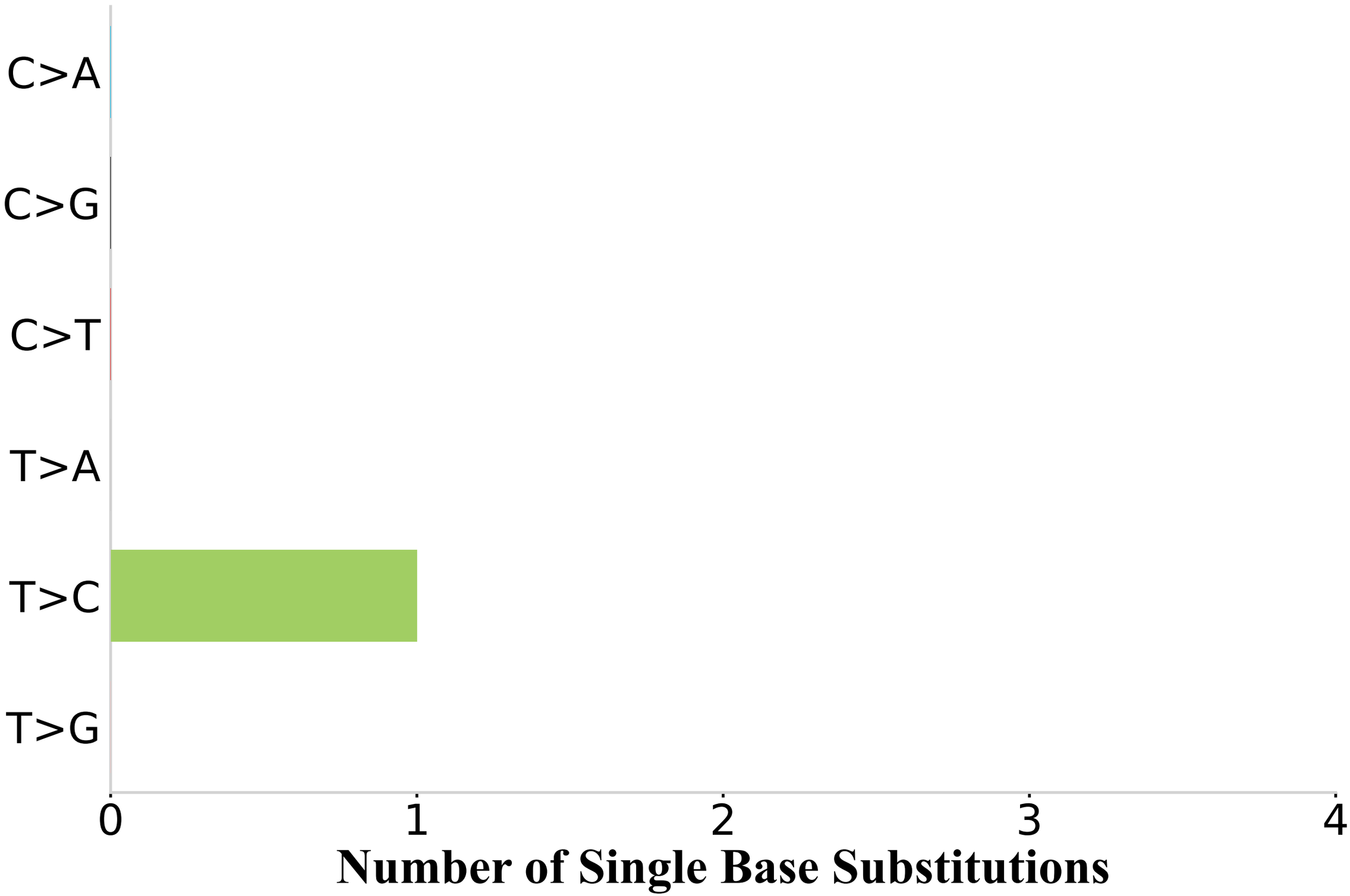
P-0017517-T02-IM6: 5 subs



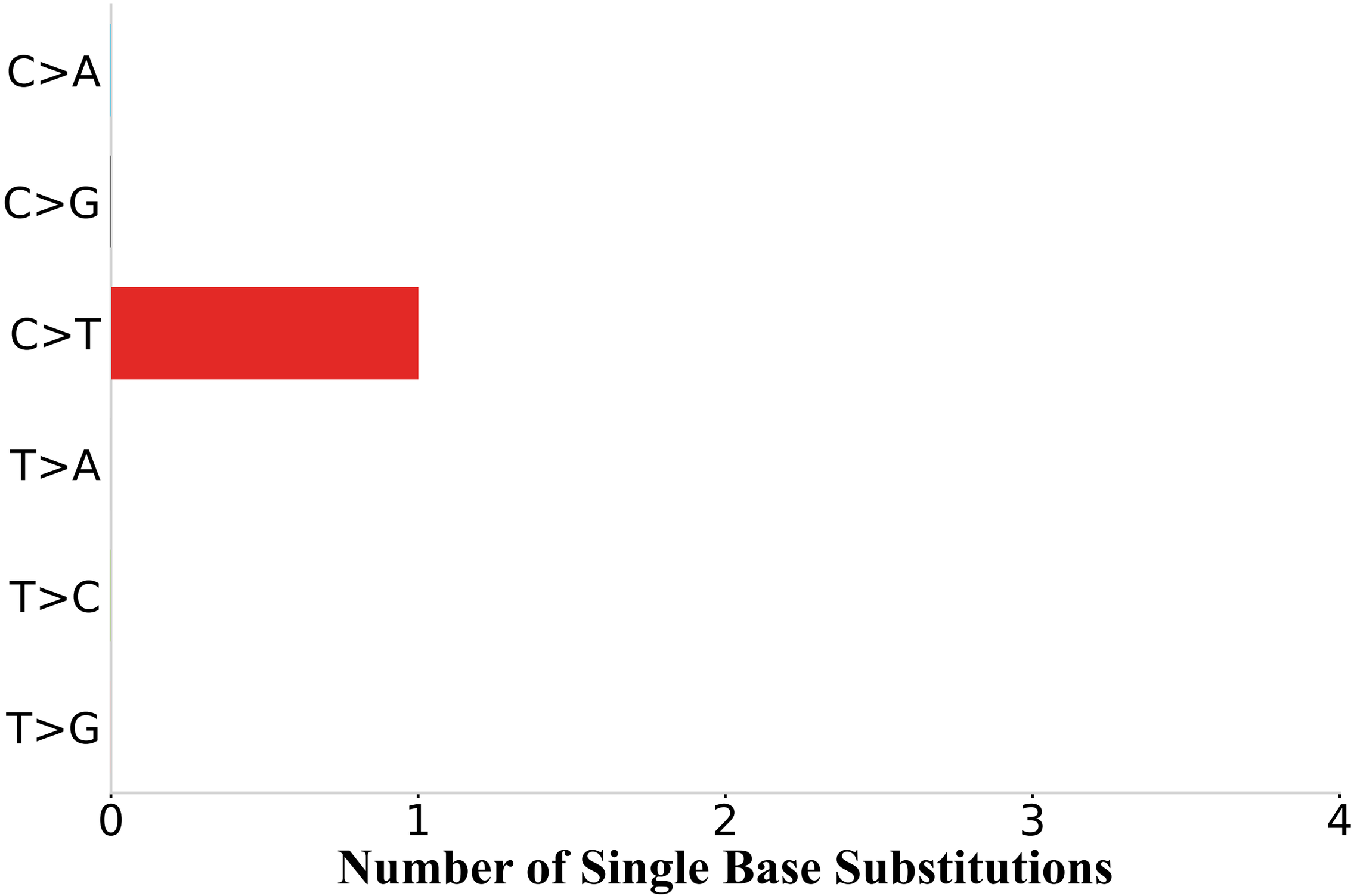
P-0017600-T01-IM5: 3 subs



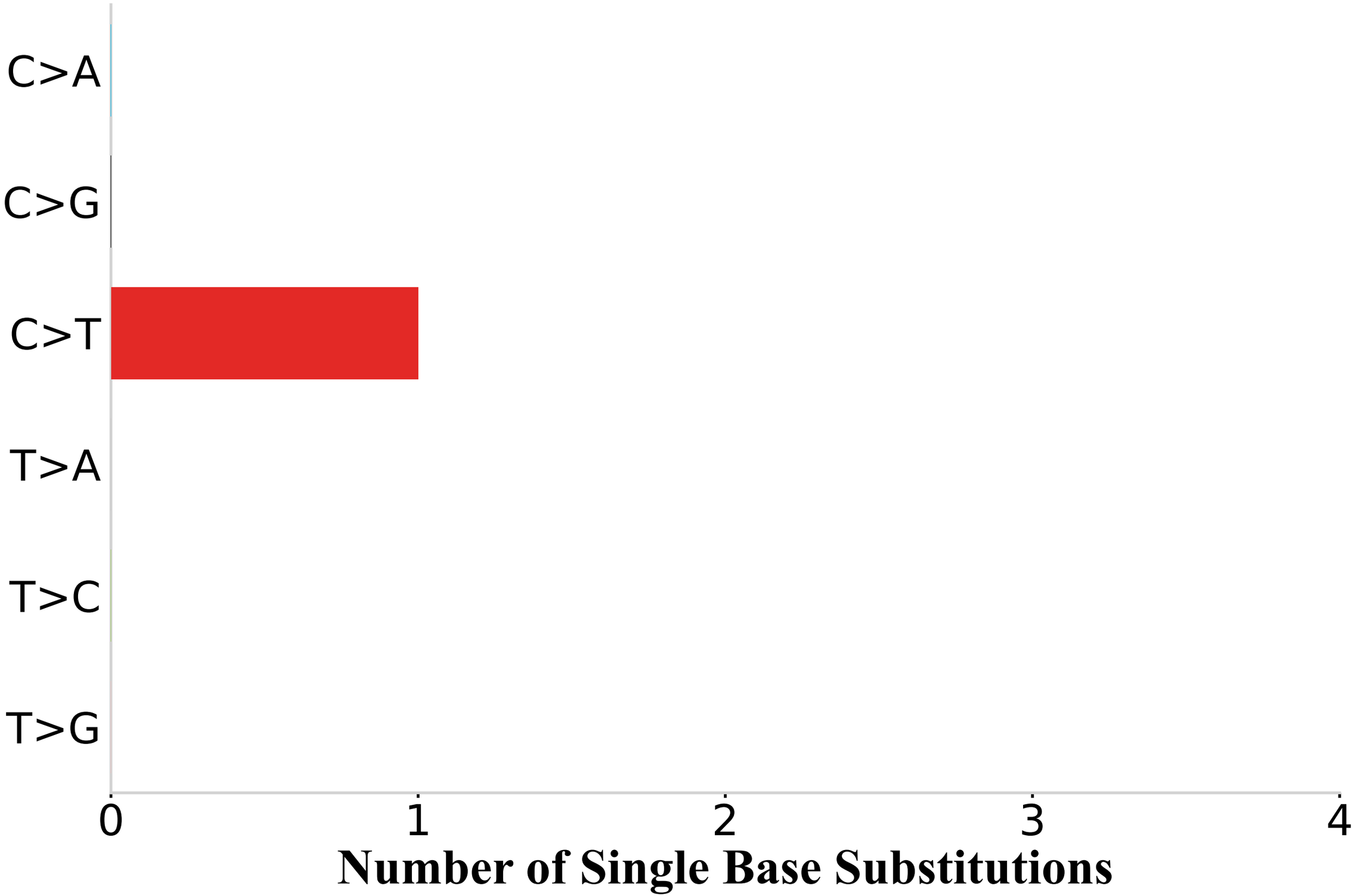
P-0017620-T01-IM5: 1 subs



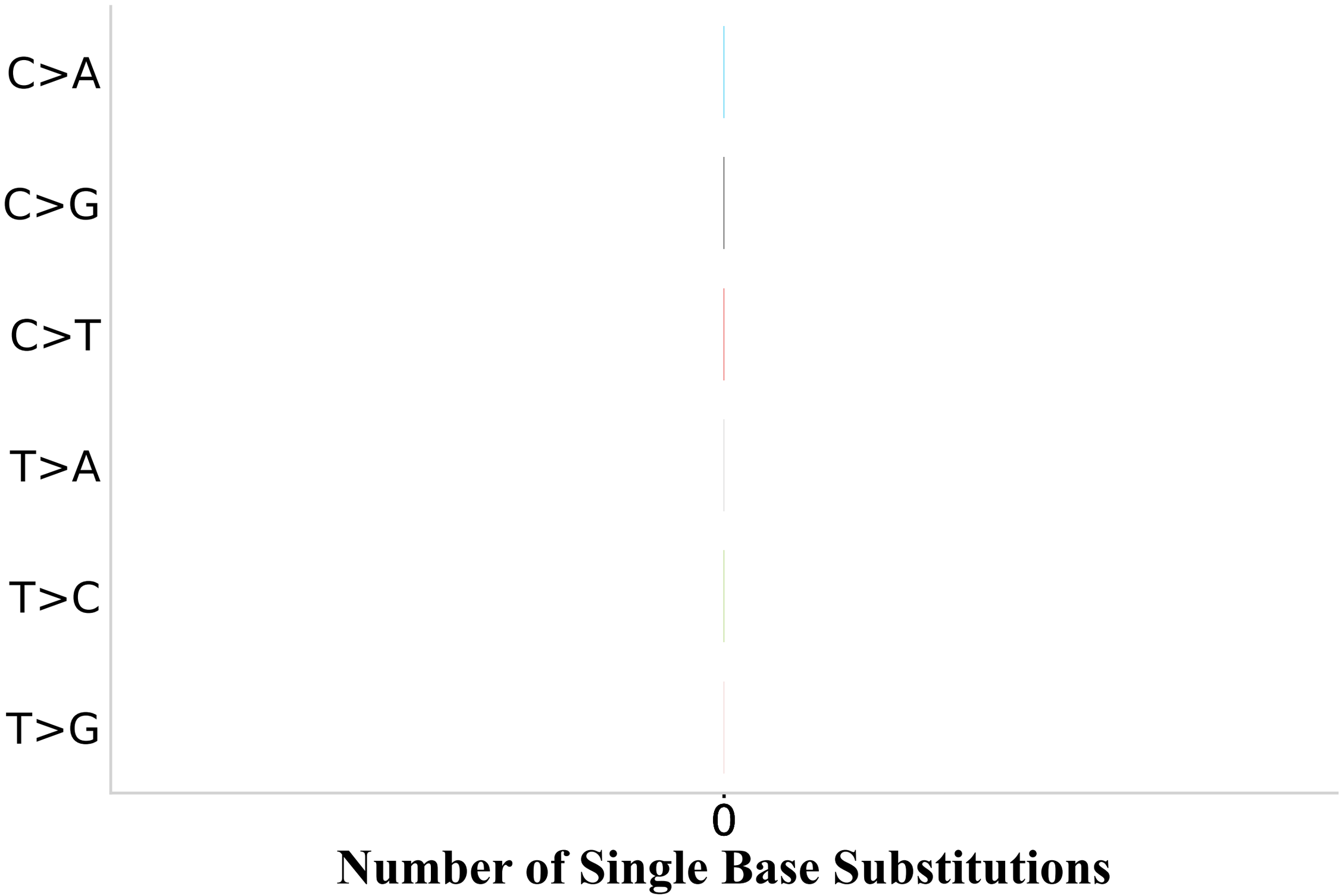
P-0017745-T01-IM6: 1 subs



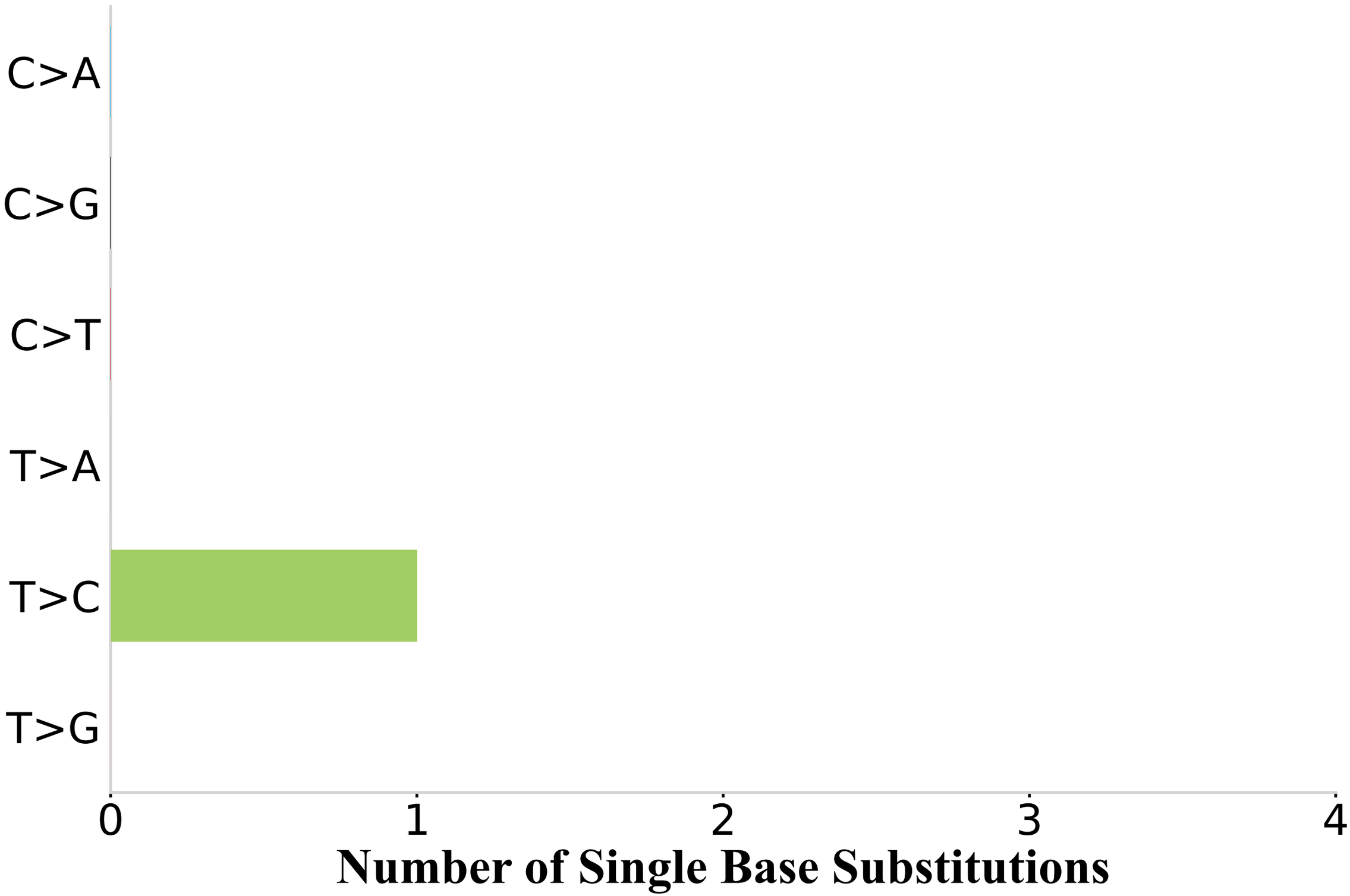
P-0018440-T01-IM6: 1 subs



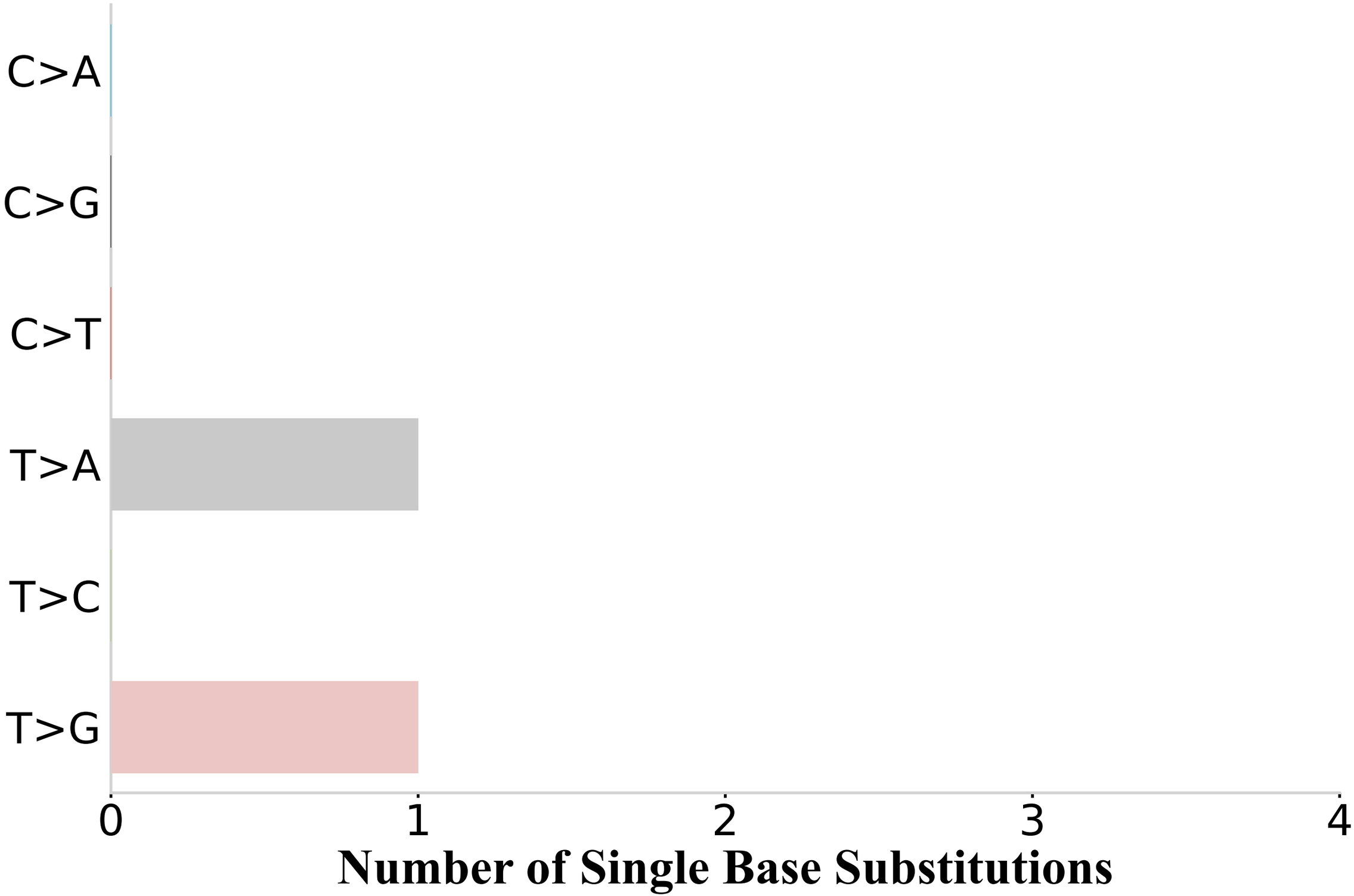
P-0019072-T01-IM6: 0 subs



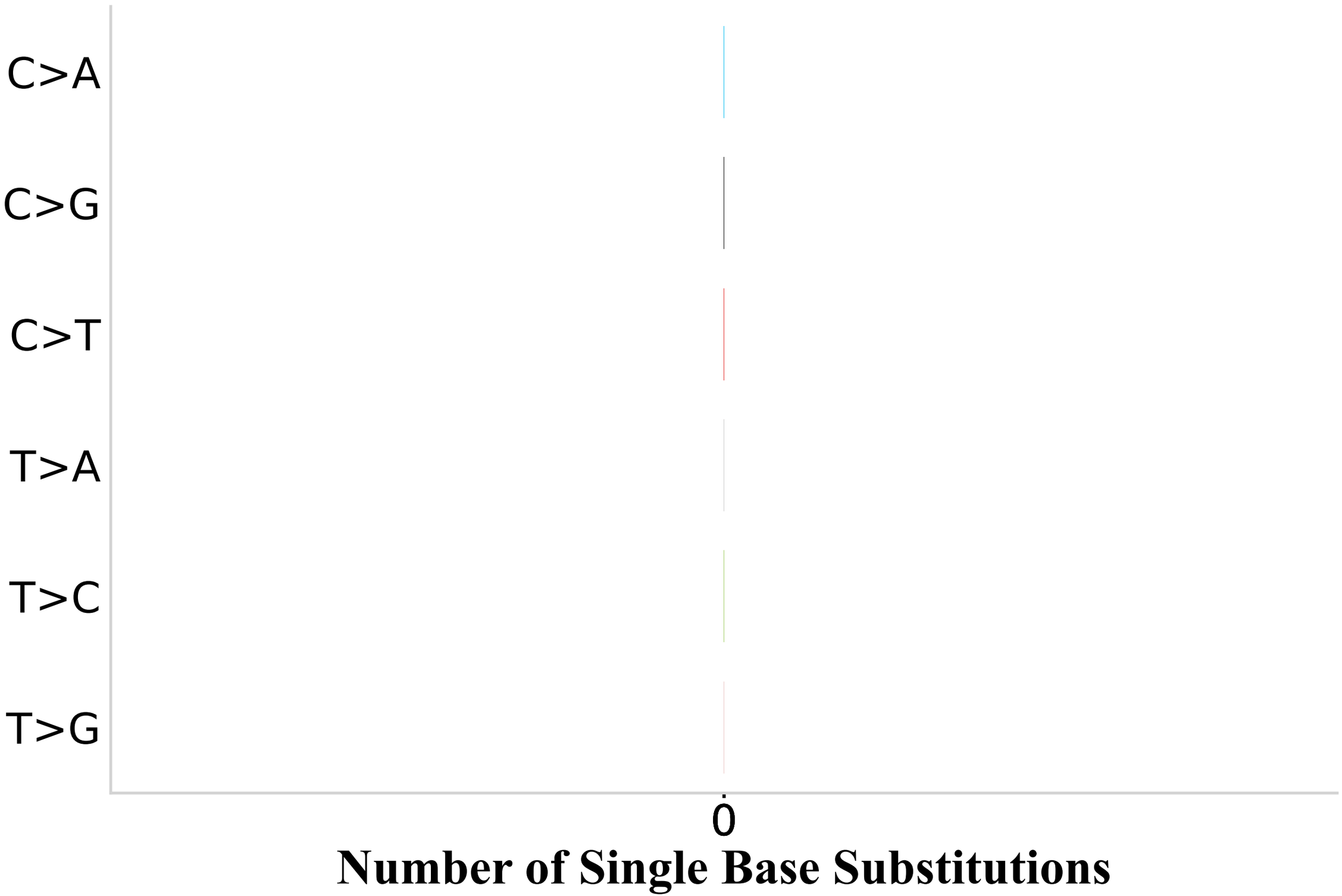
P-0019738-T01-IM6: 1 subs



P-0020041-T01-IM6: 2 subs

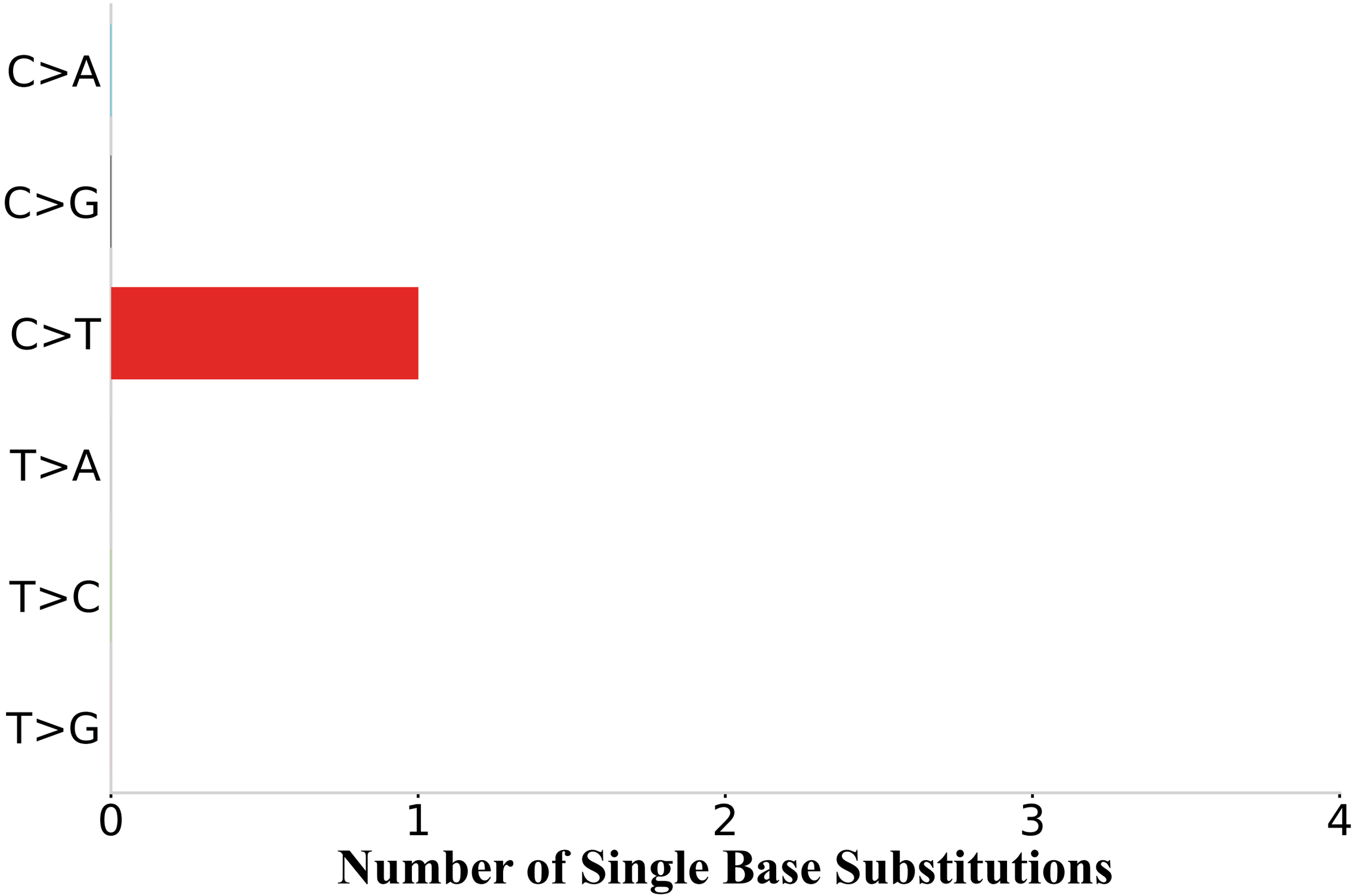


P-0020993-T01-IM6: 0 subs

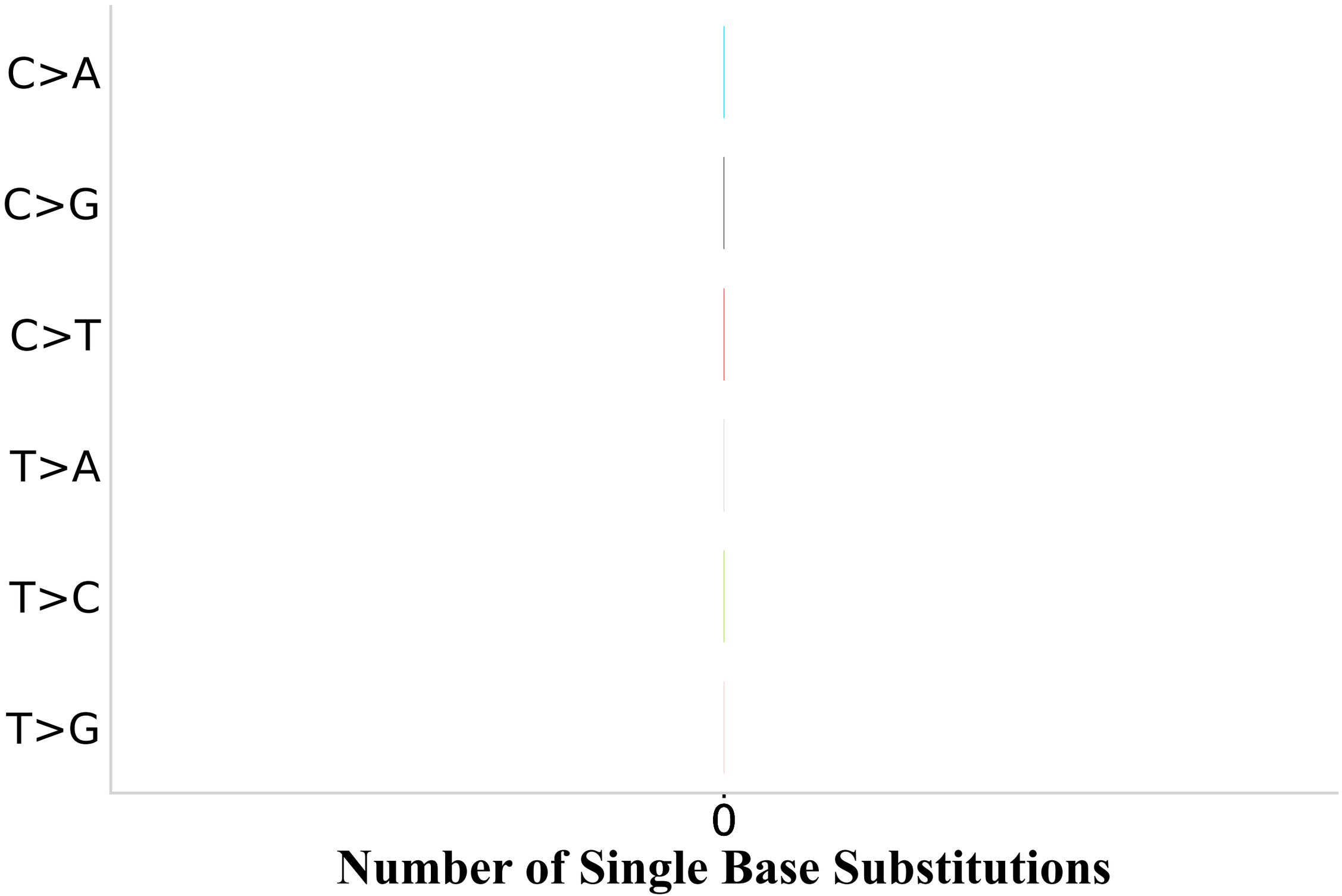


P-0021167-T01-IM6: 2 subs

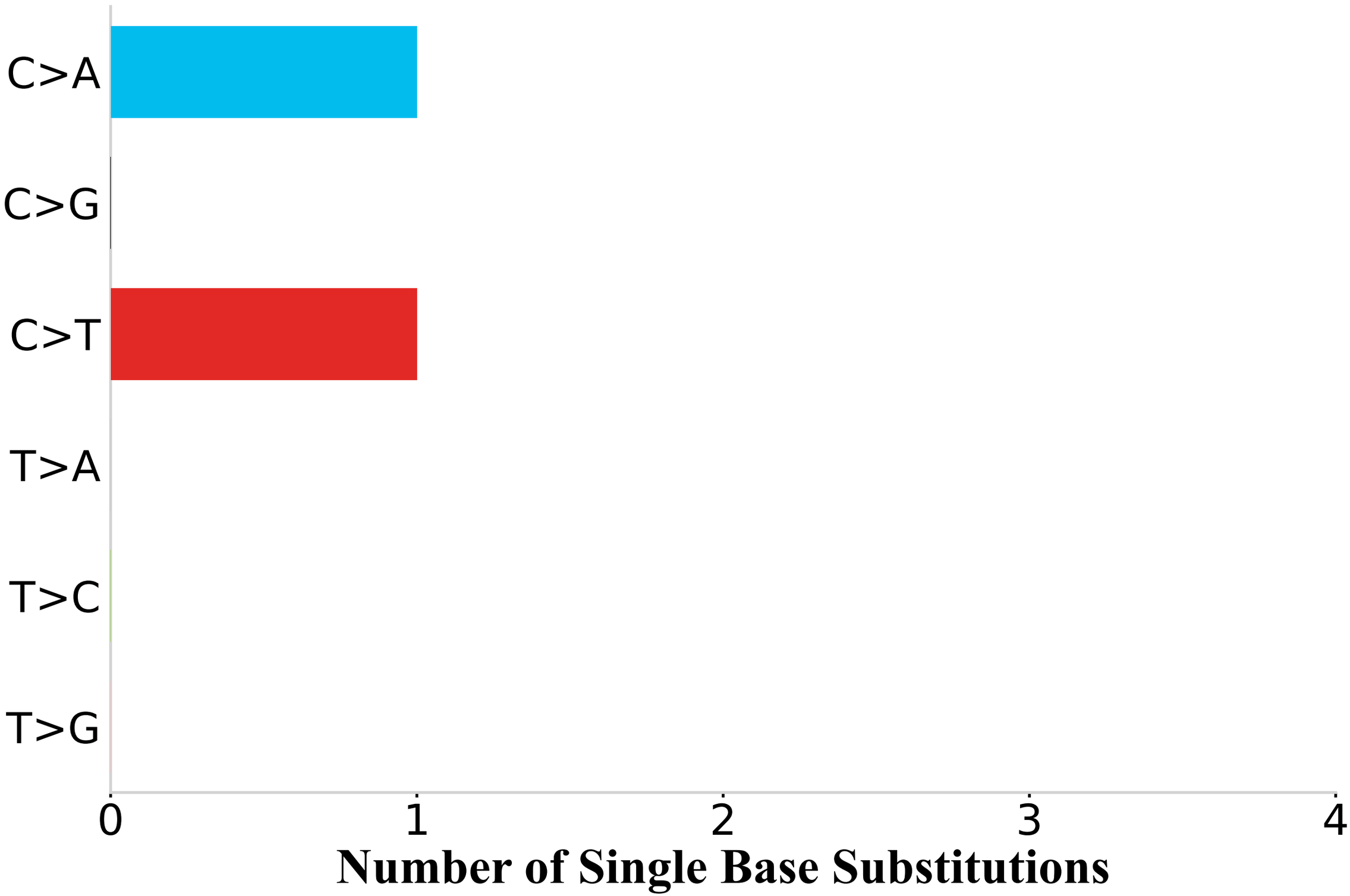
P-0021234-T01-IM6: 1 subs

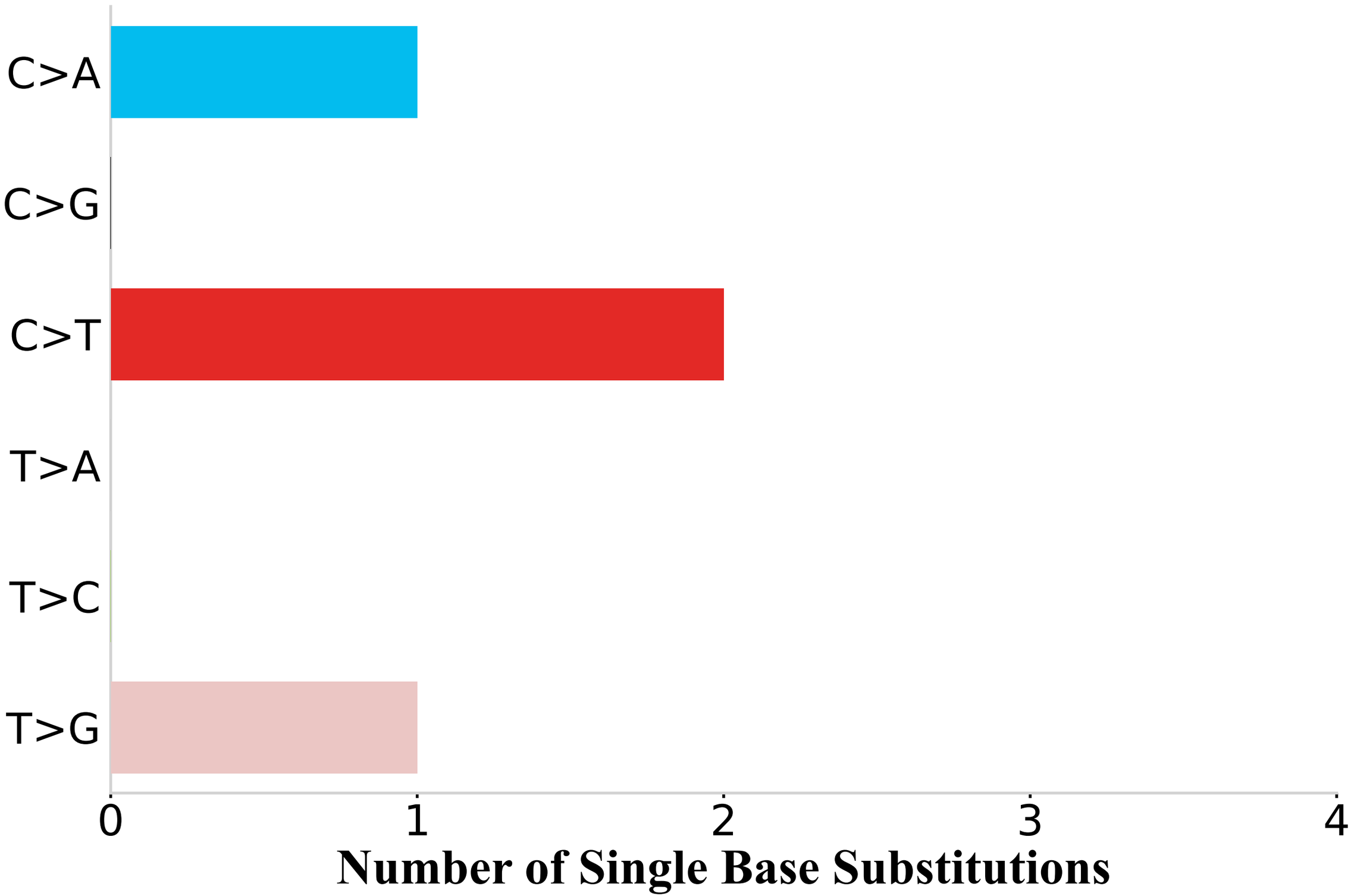


P-0021237-T01-IM6: 0 subs

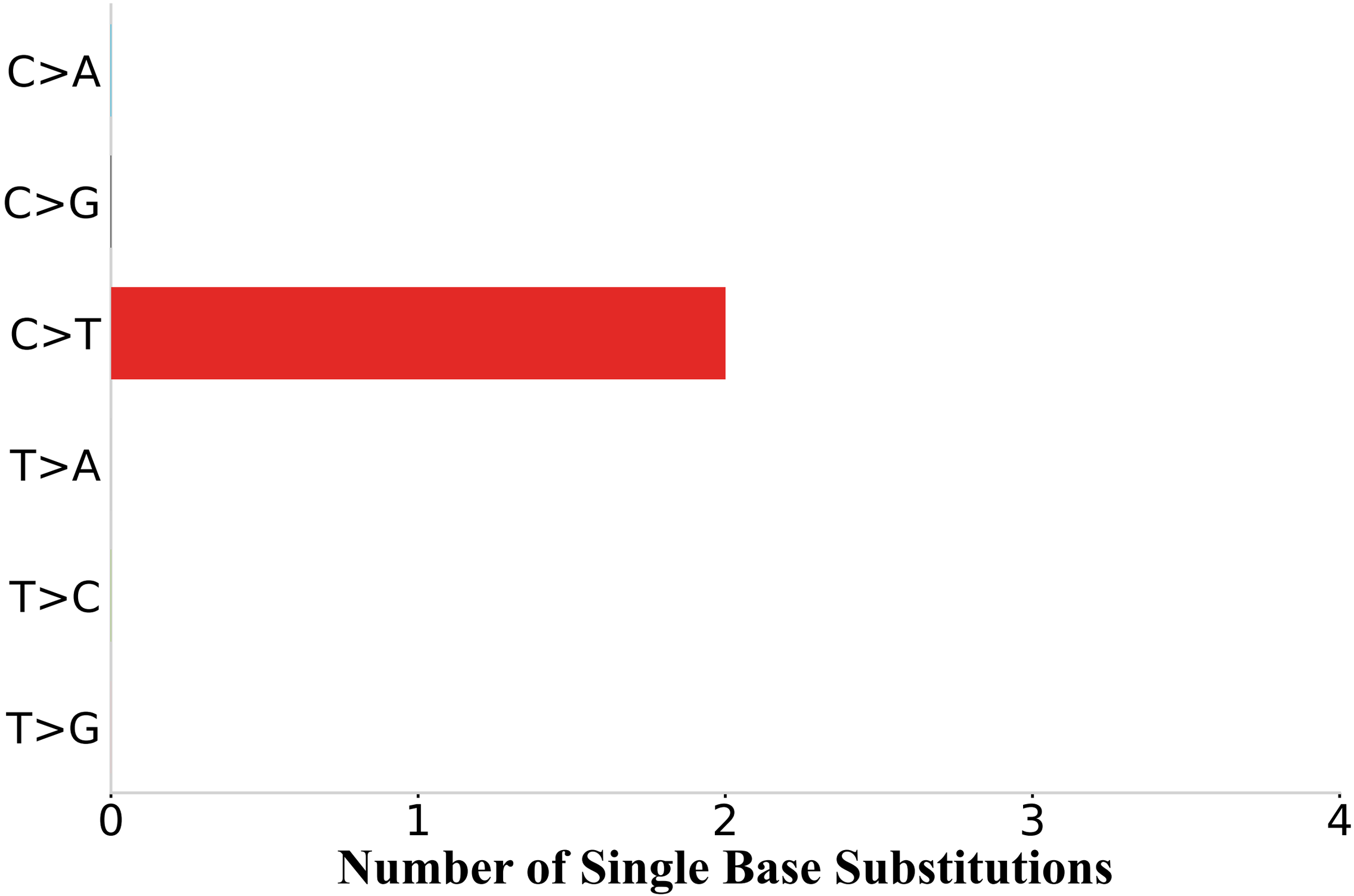


P-0021299-T01-IM6: 2 subs

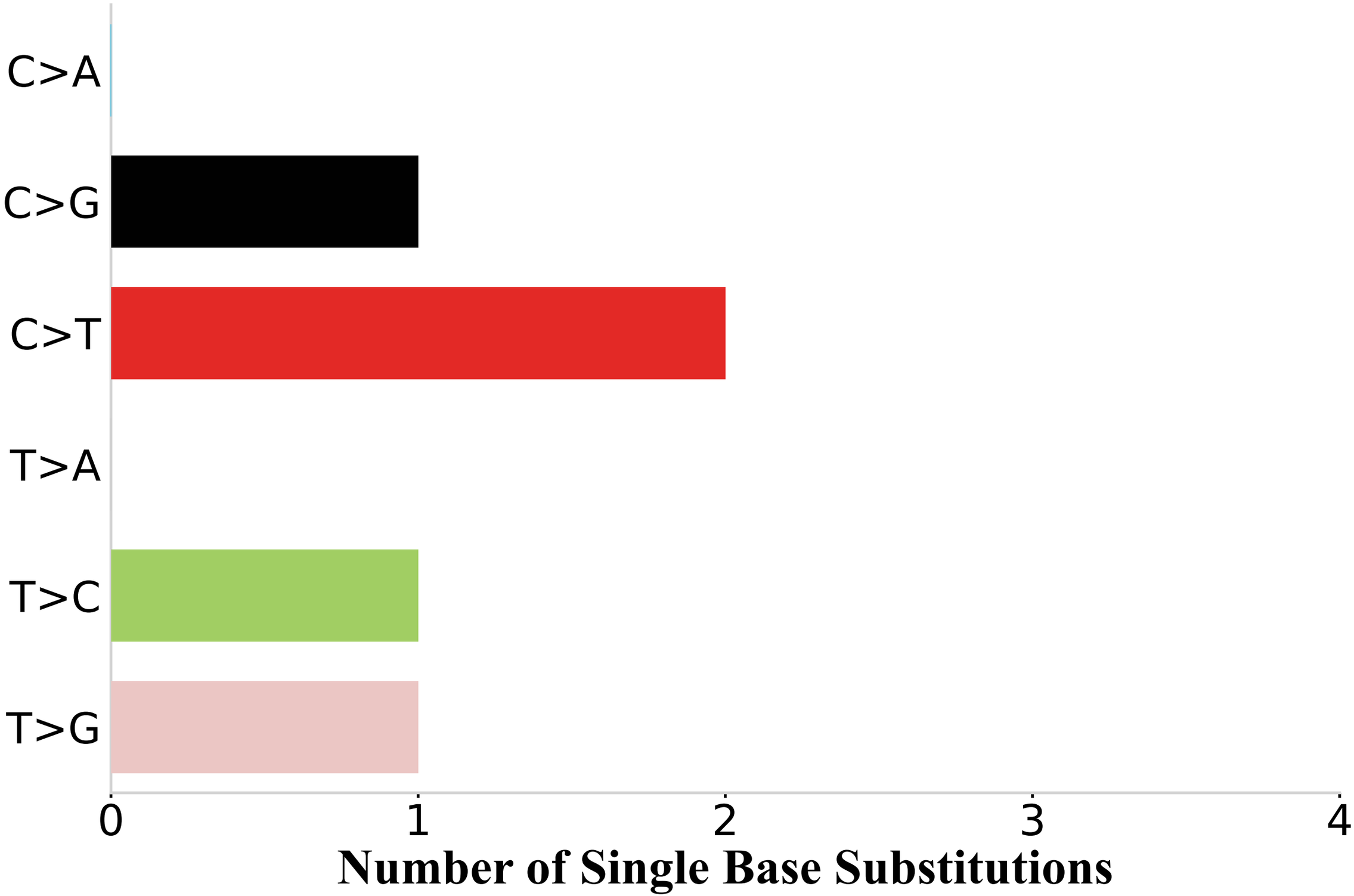



P-0021477-T02-IM6: 4 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

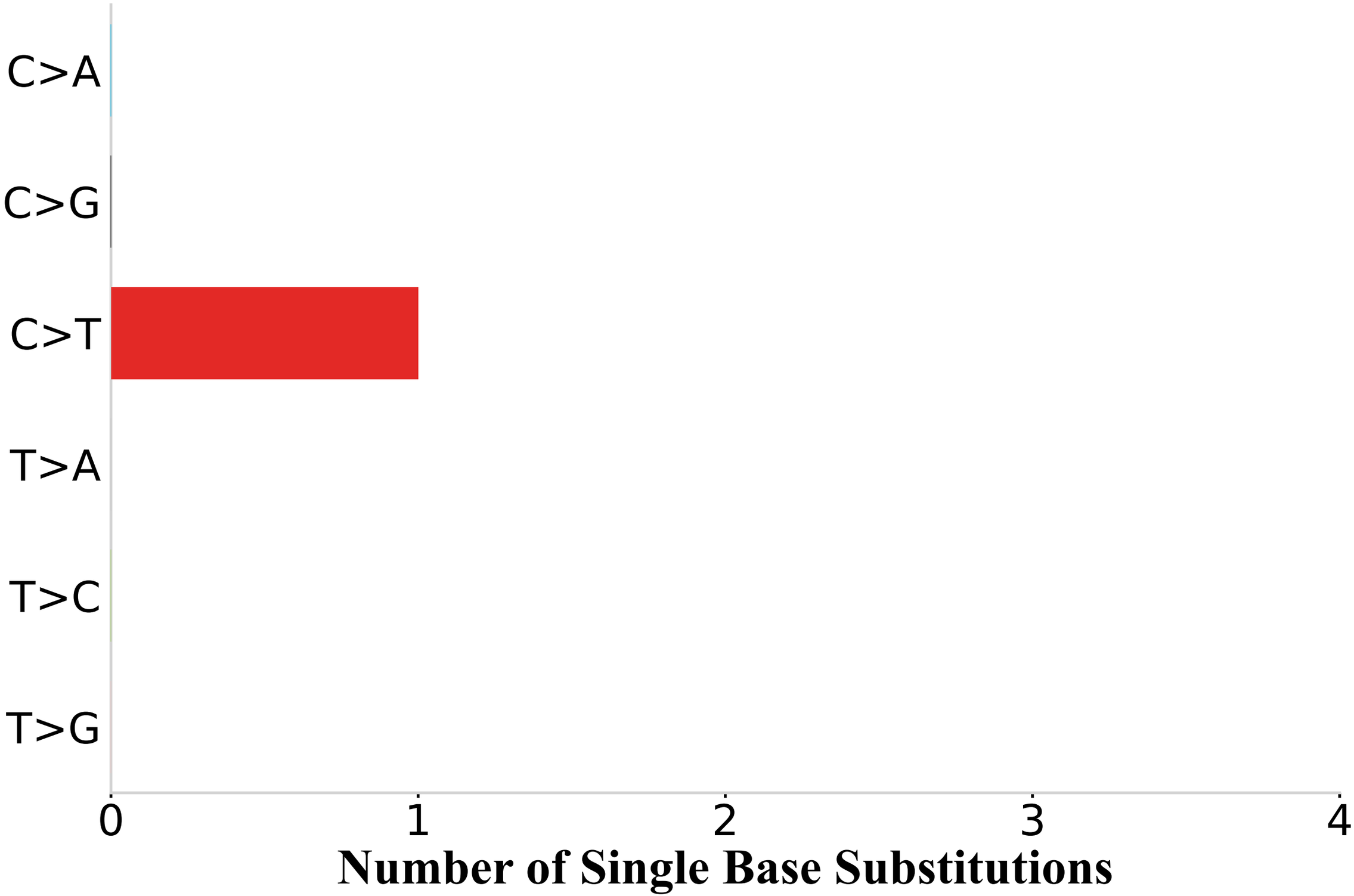
P-0021538-T01-IM6: 2 subs



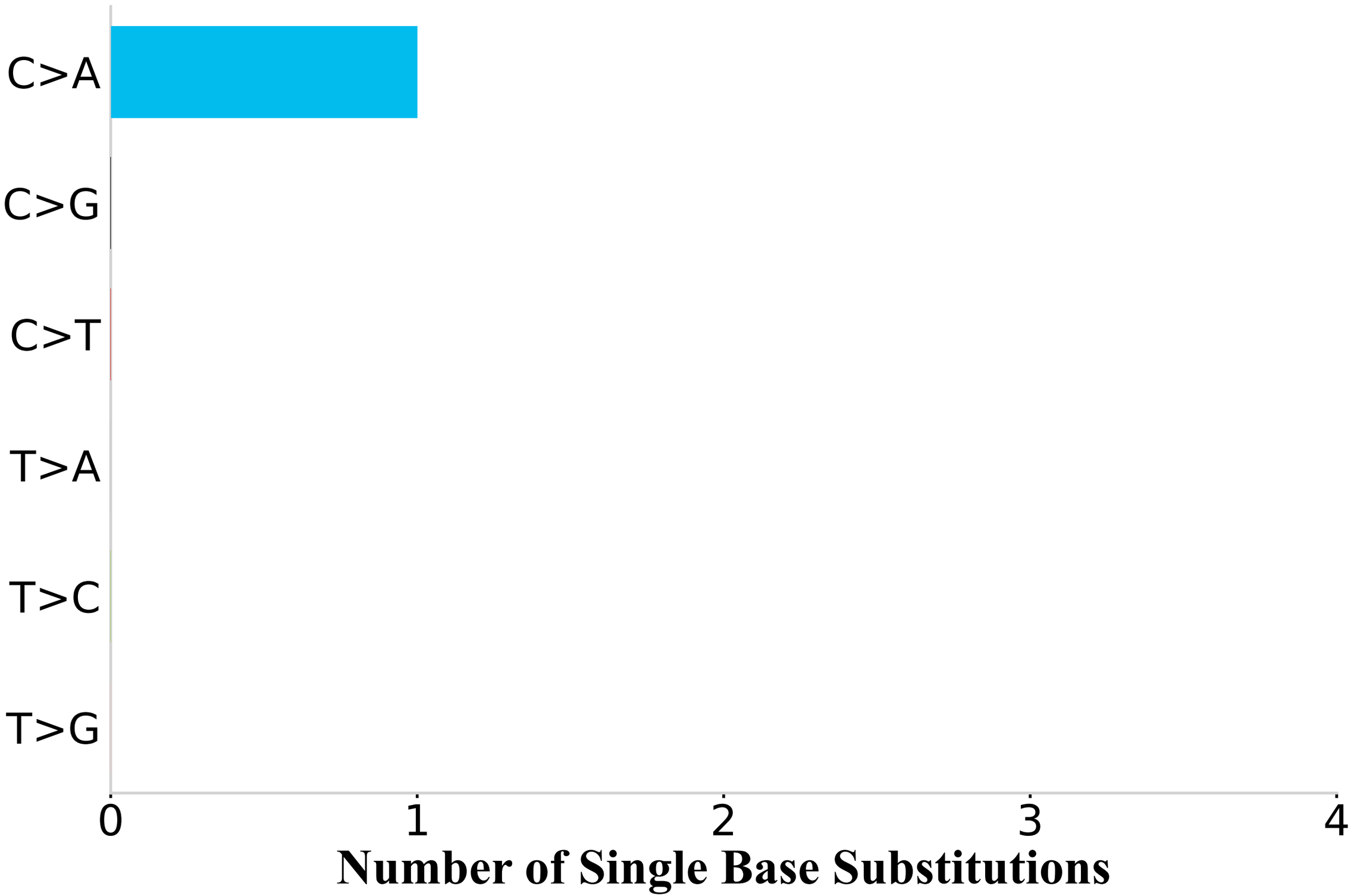
P-0022172-T01-IM6: 5 subs

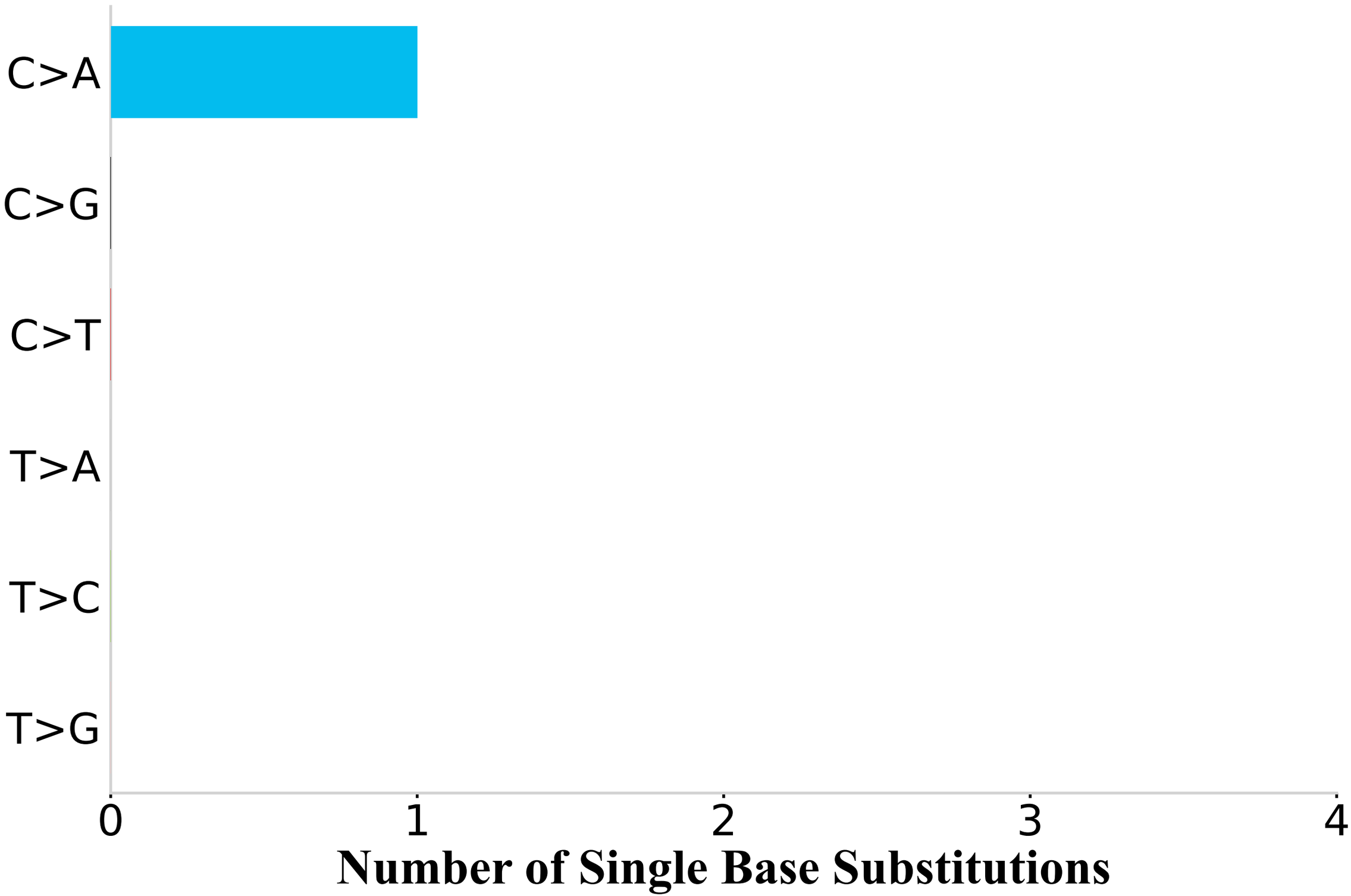


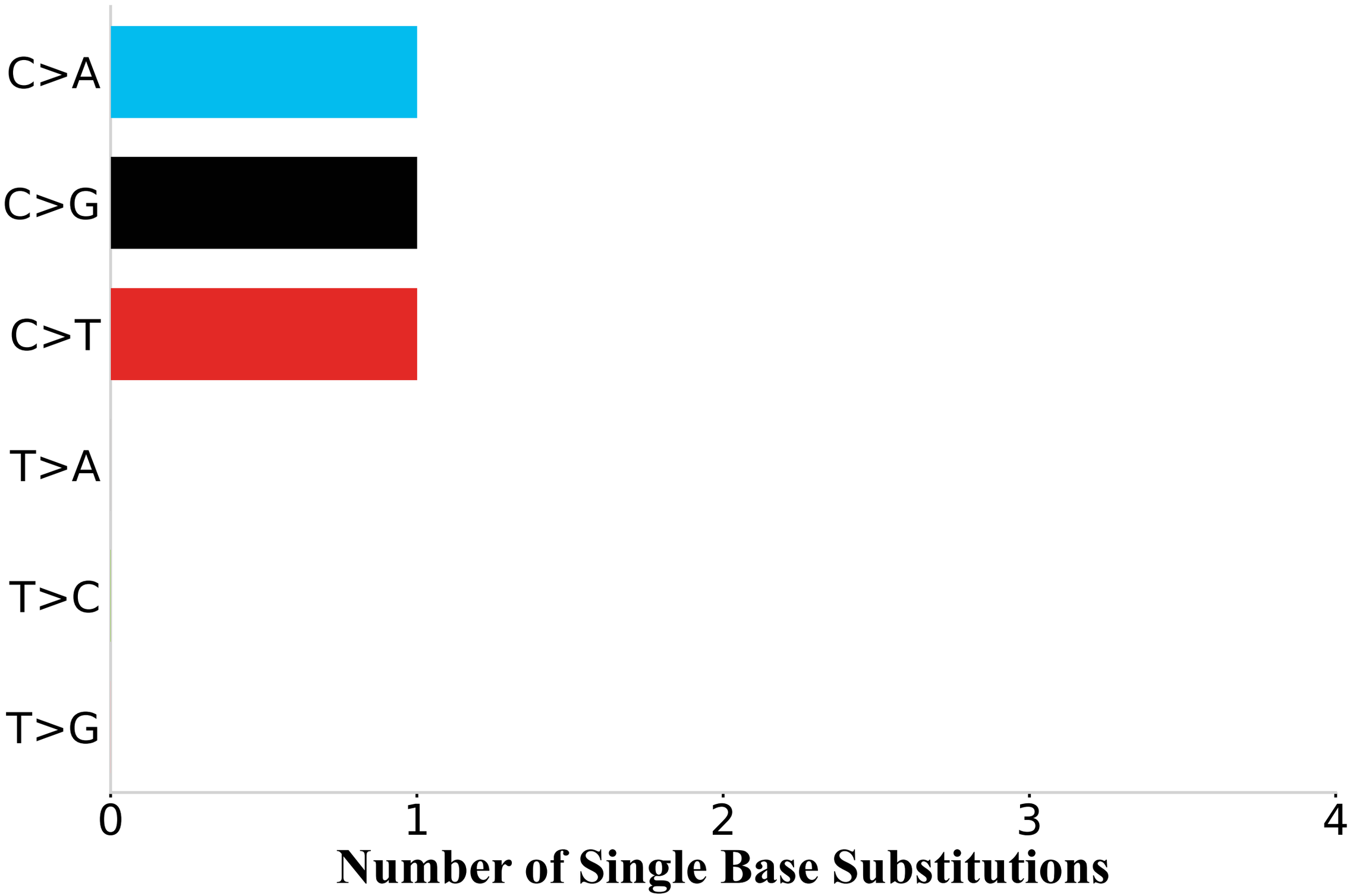
P-0022403-T01-IM6: 1 subs



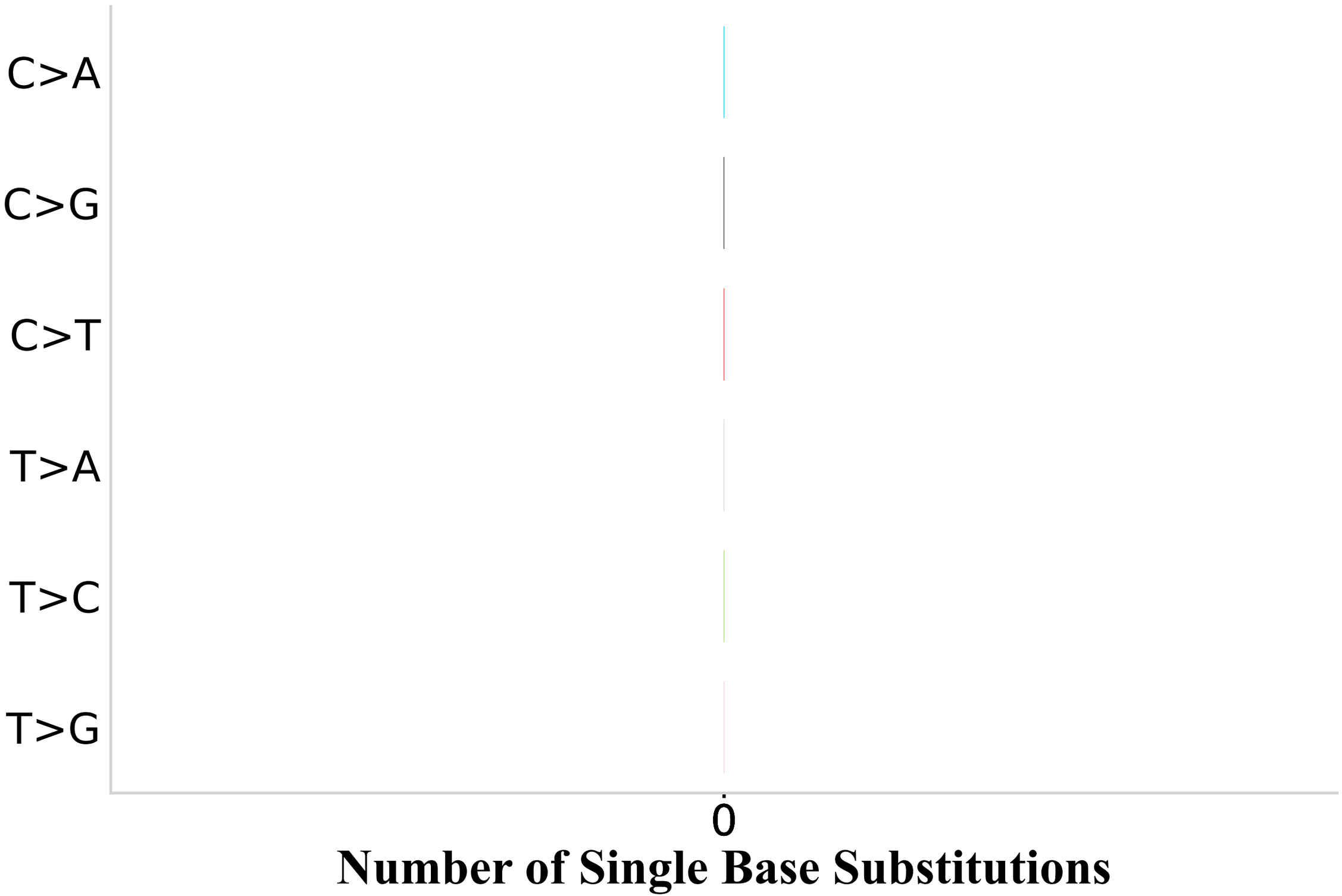
P-0022856-T02-IM6: 1 subs



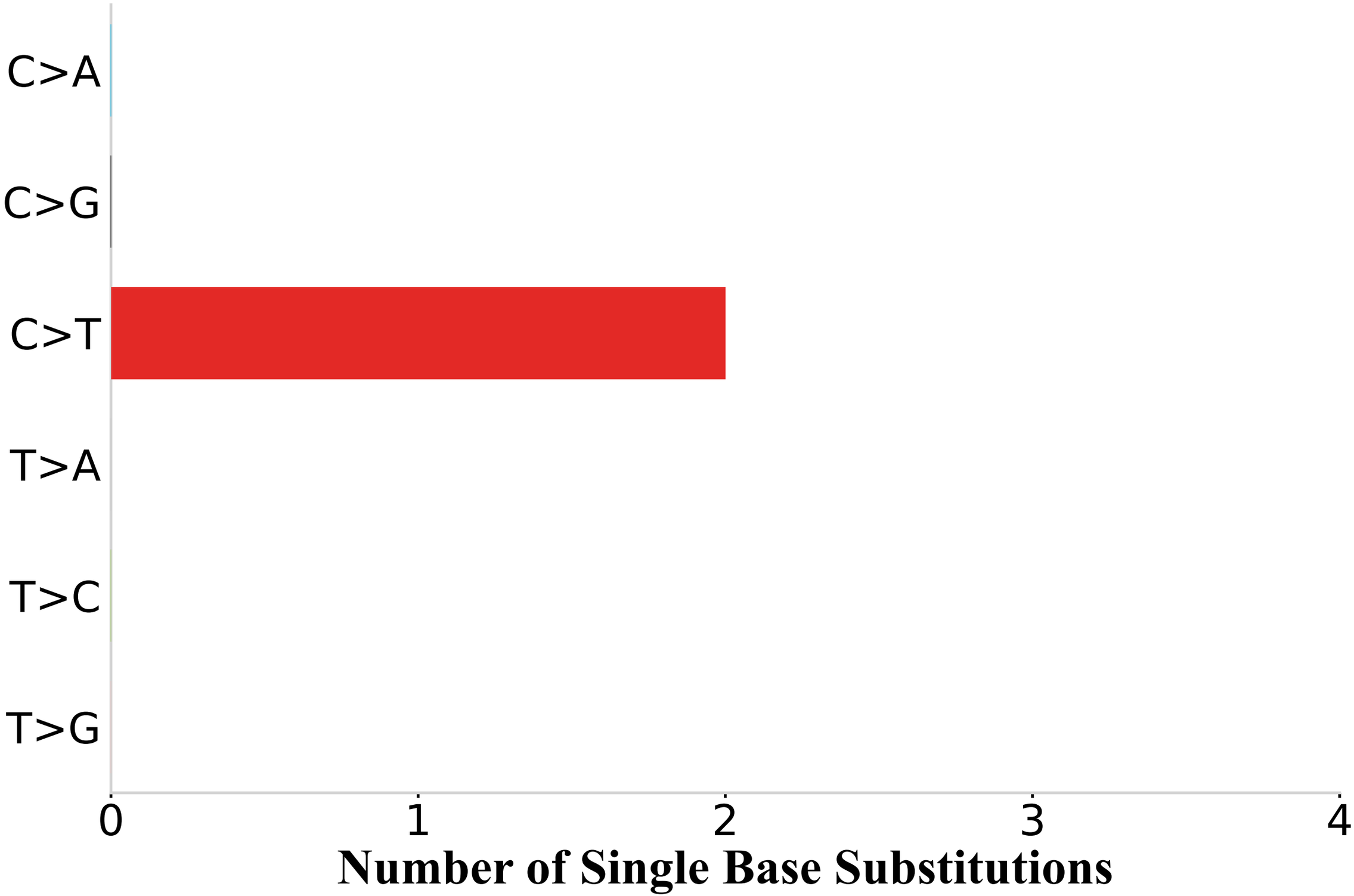

P-0023427-T01-IM6: 1 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

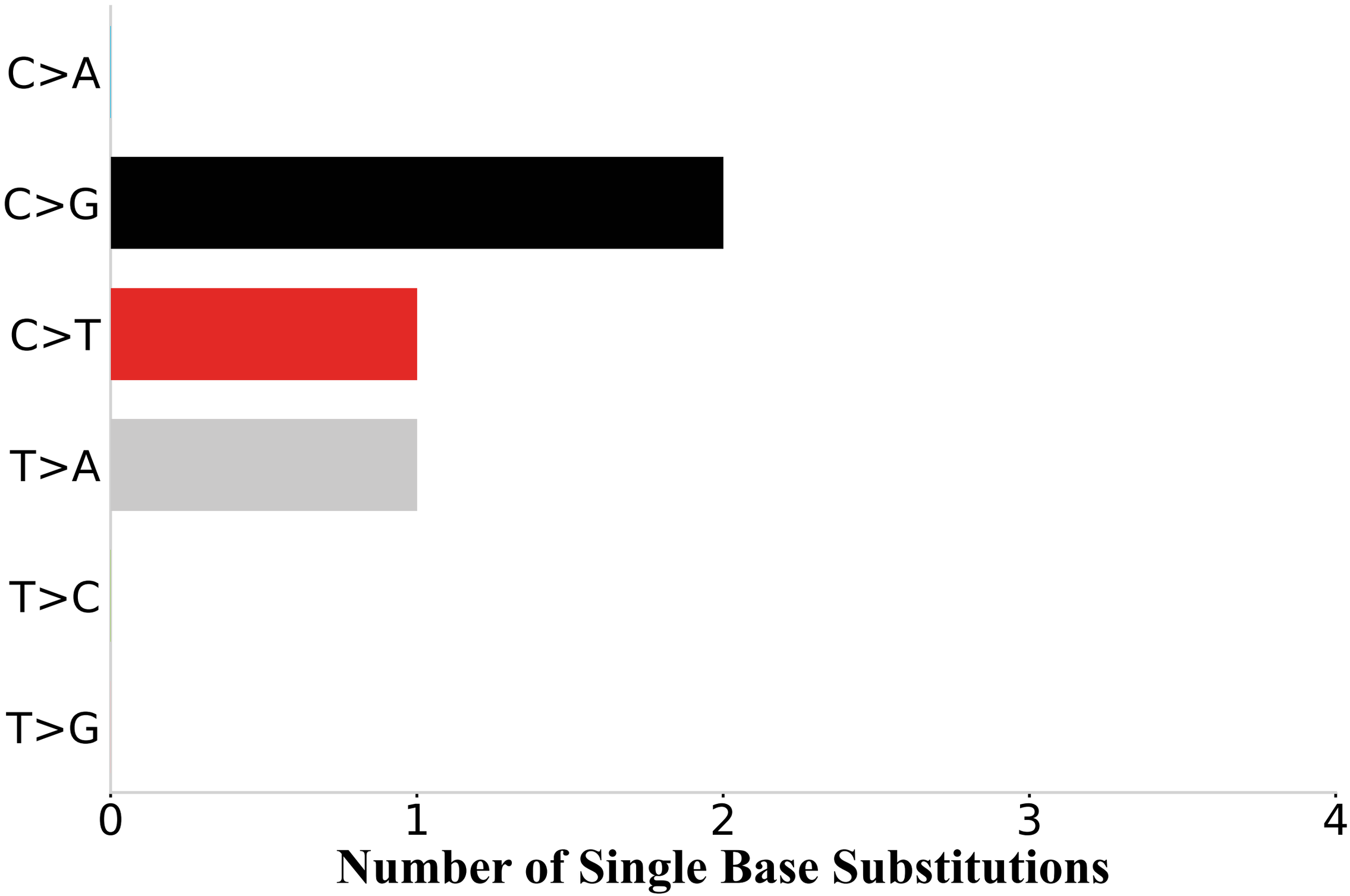

P-0023768-T01-IM6: 3 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

P-0023949-T01-IM6: 0 subs

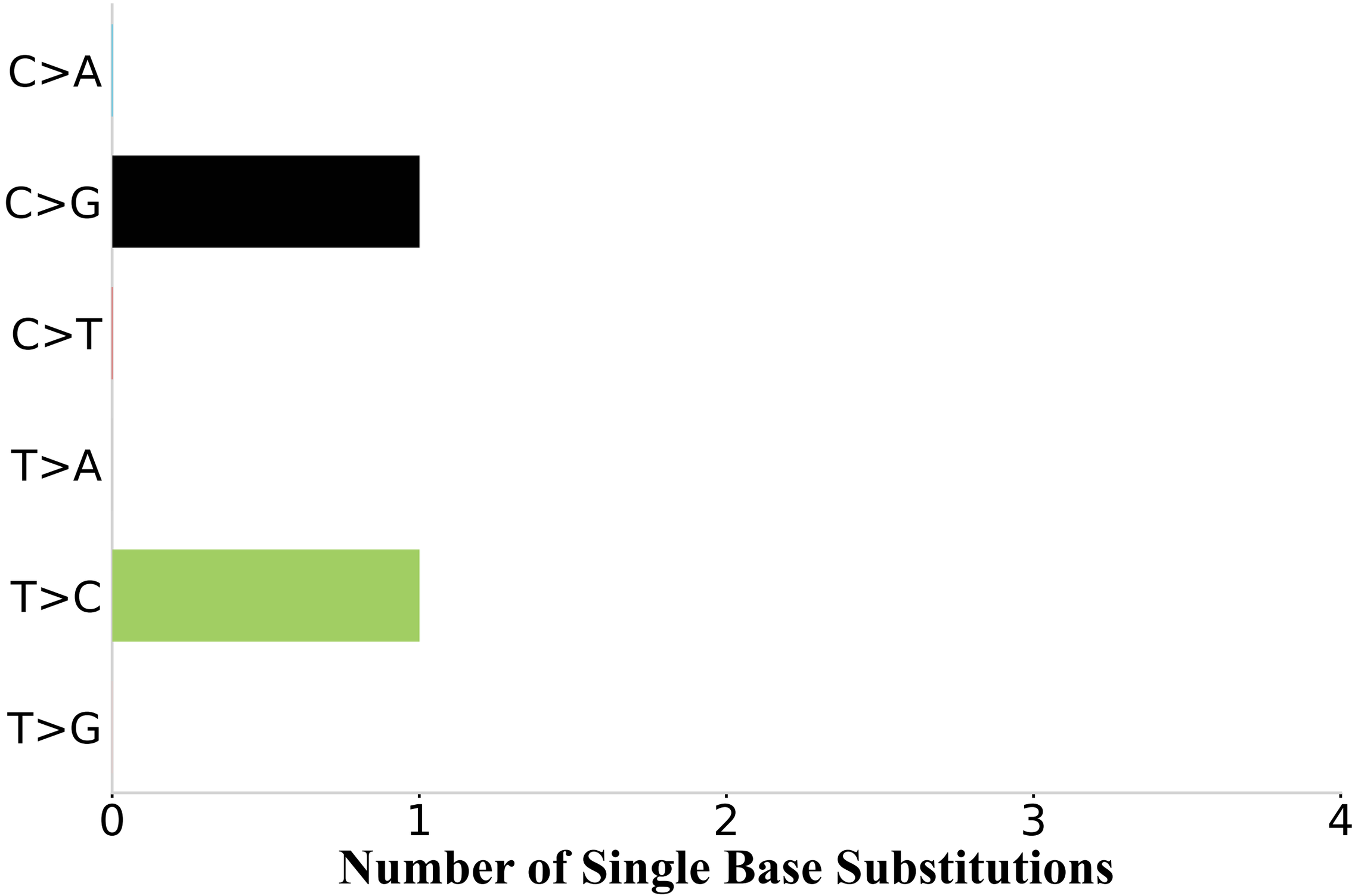


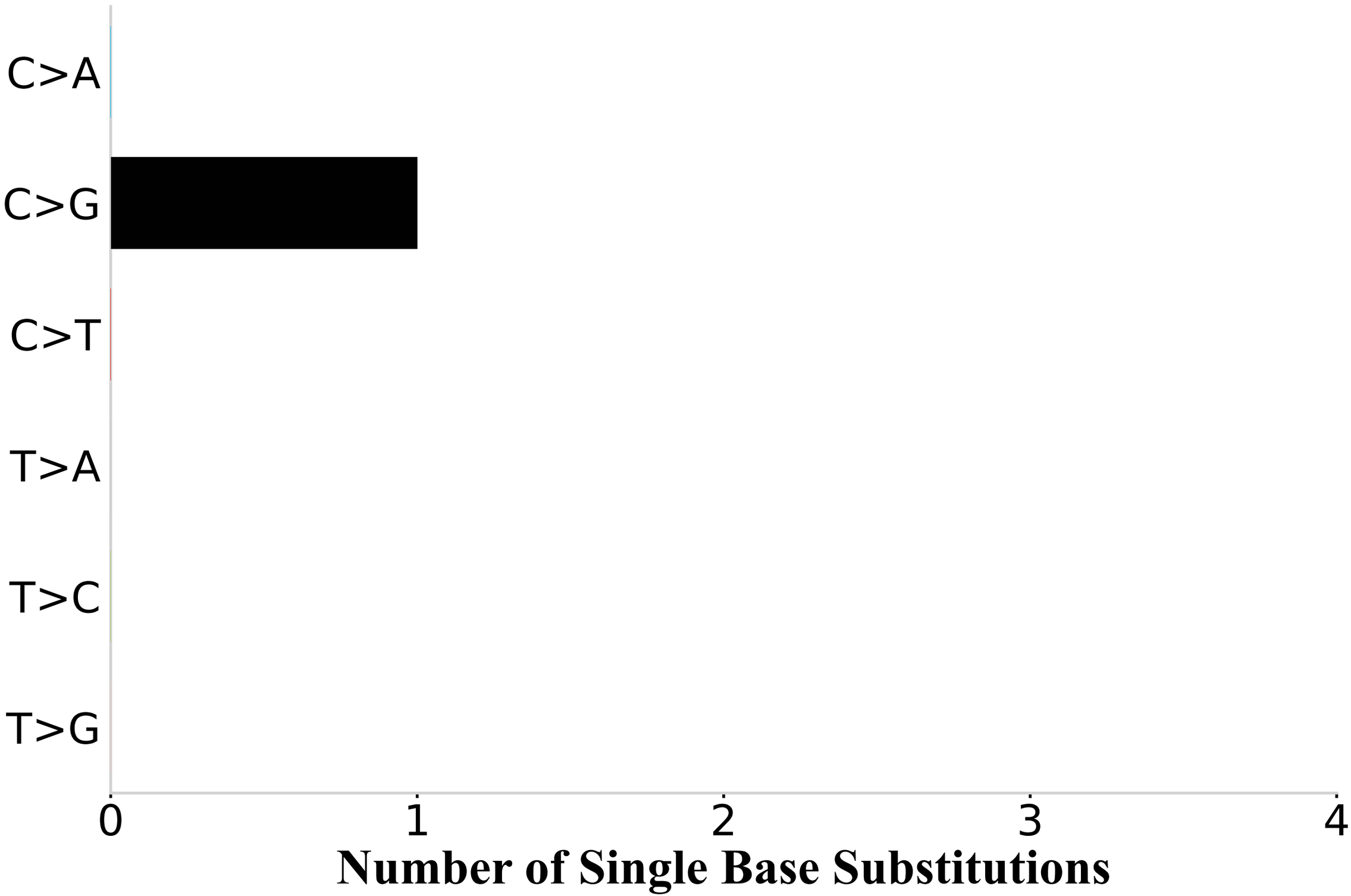
P-0024125-T01-IM6: 2 subs



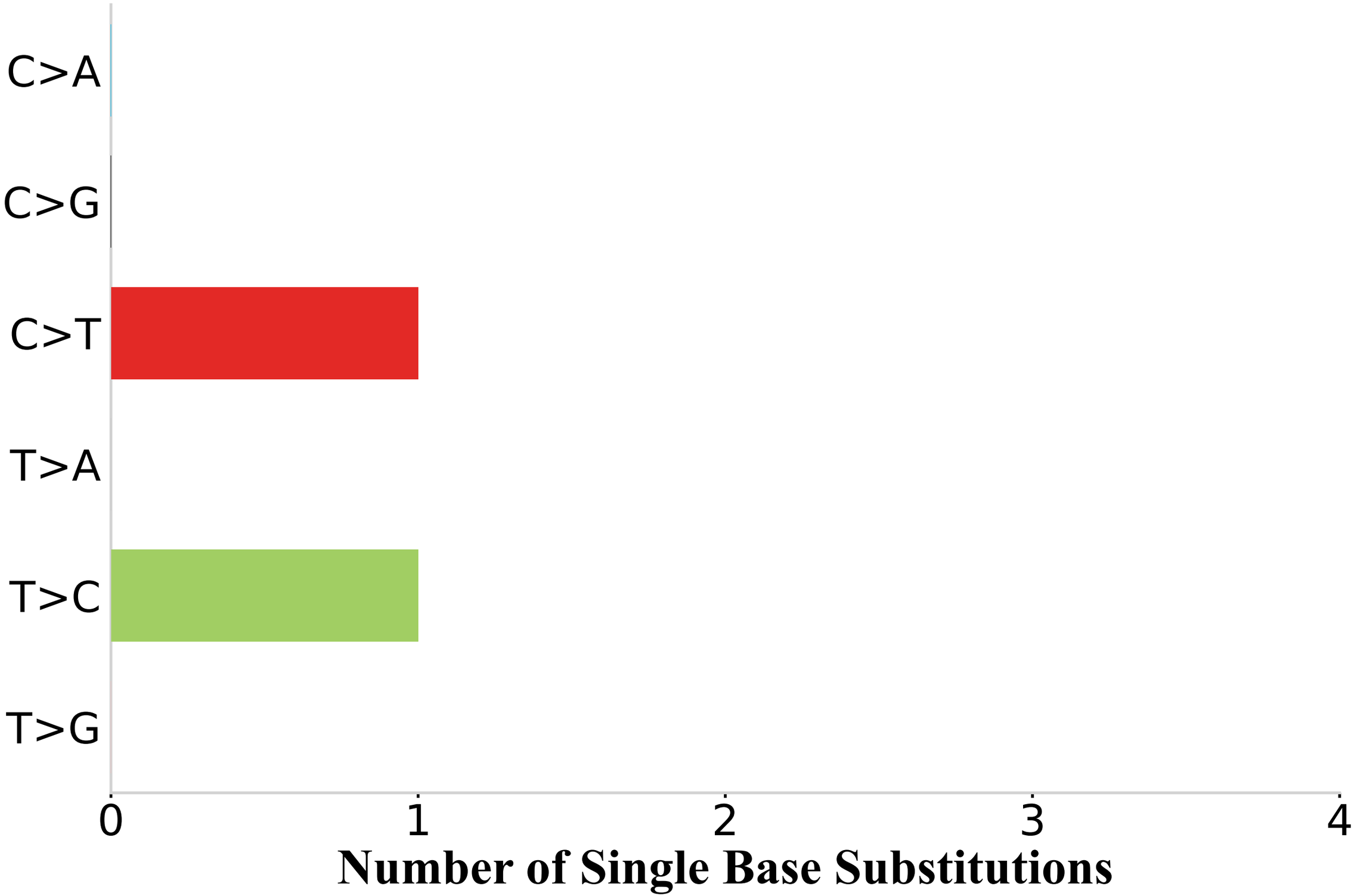

P-0024151-T01-IM6: 4 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

P-0024612-T01-IM6: 2 subs

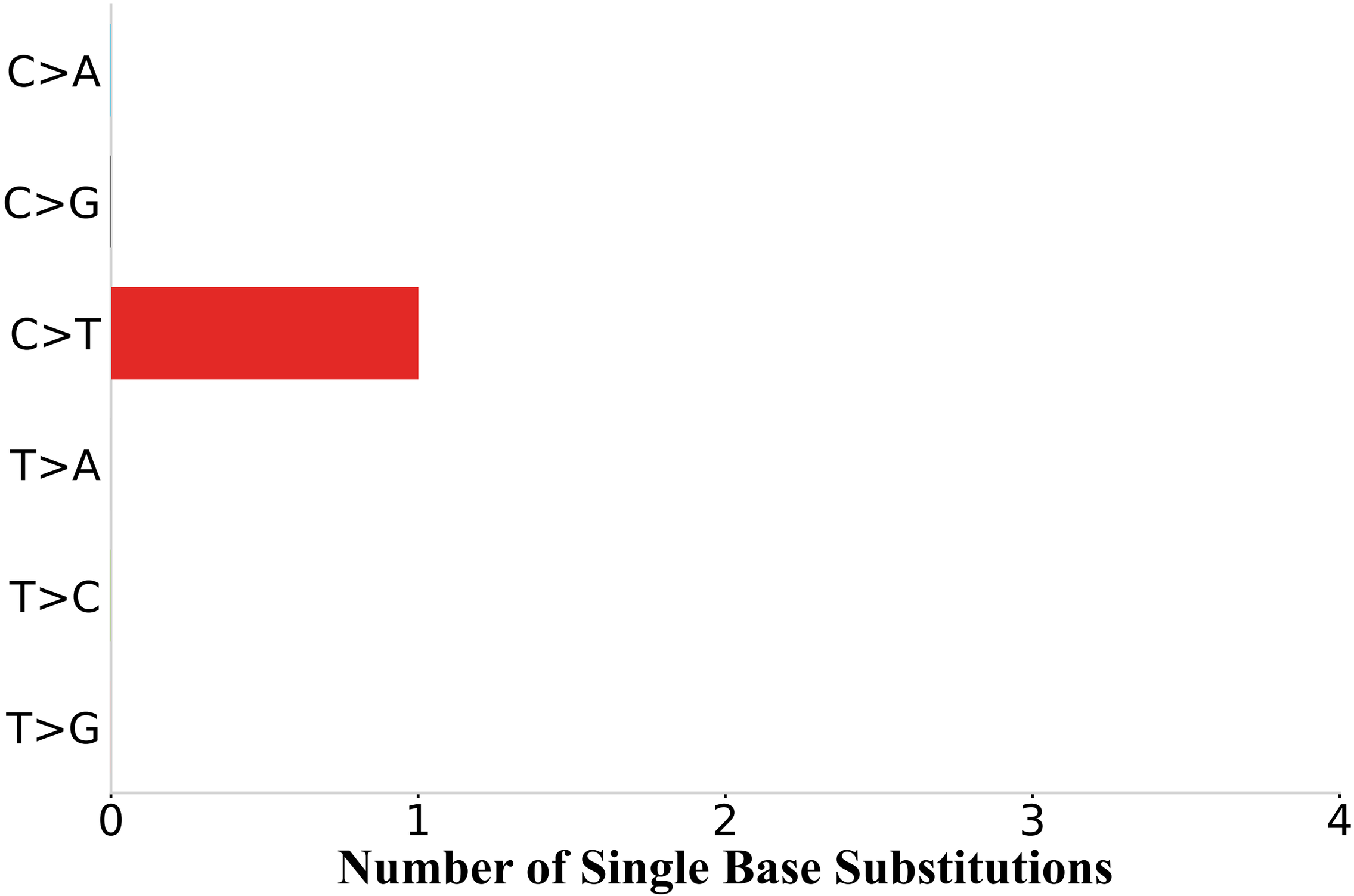



P-0025110-T01-IM6: 1 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

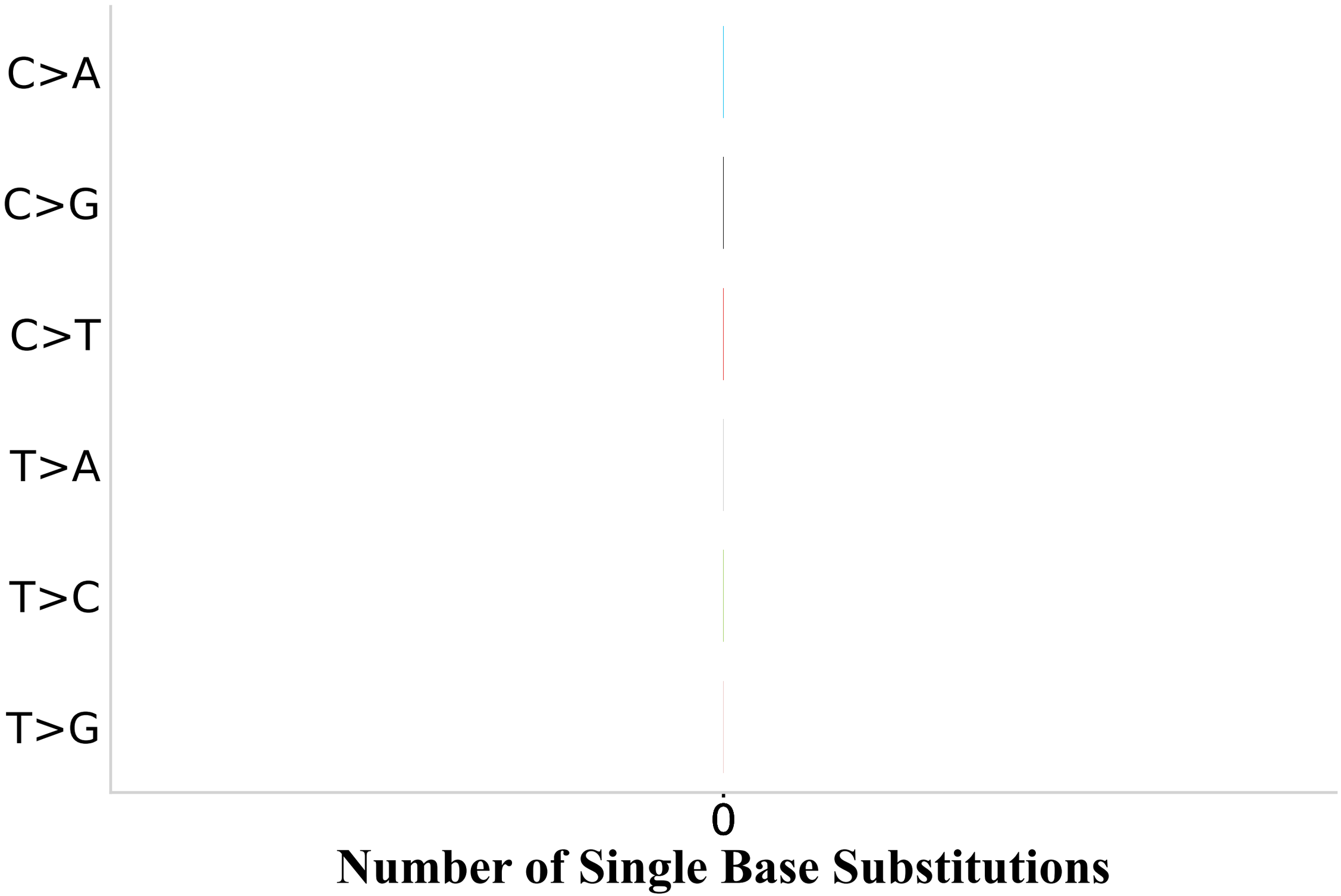
P-0025357-T01-IM6: 2 subs



P-0025895-T01-IM6: 1 subs

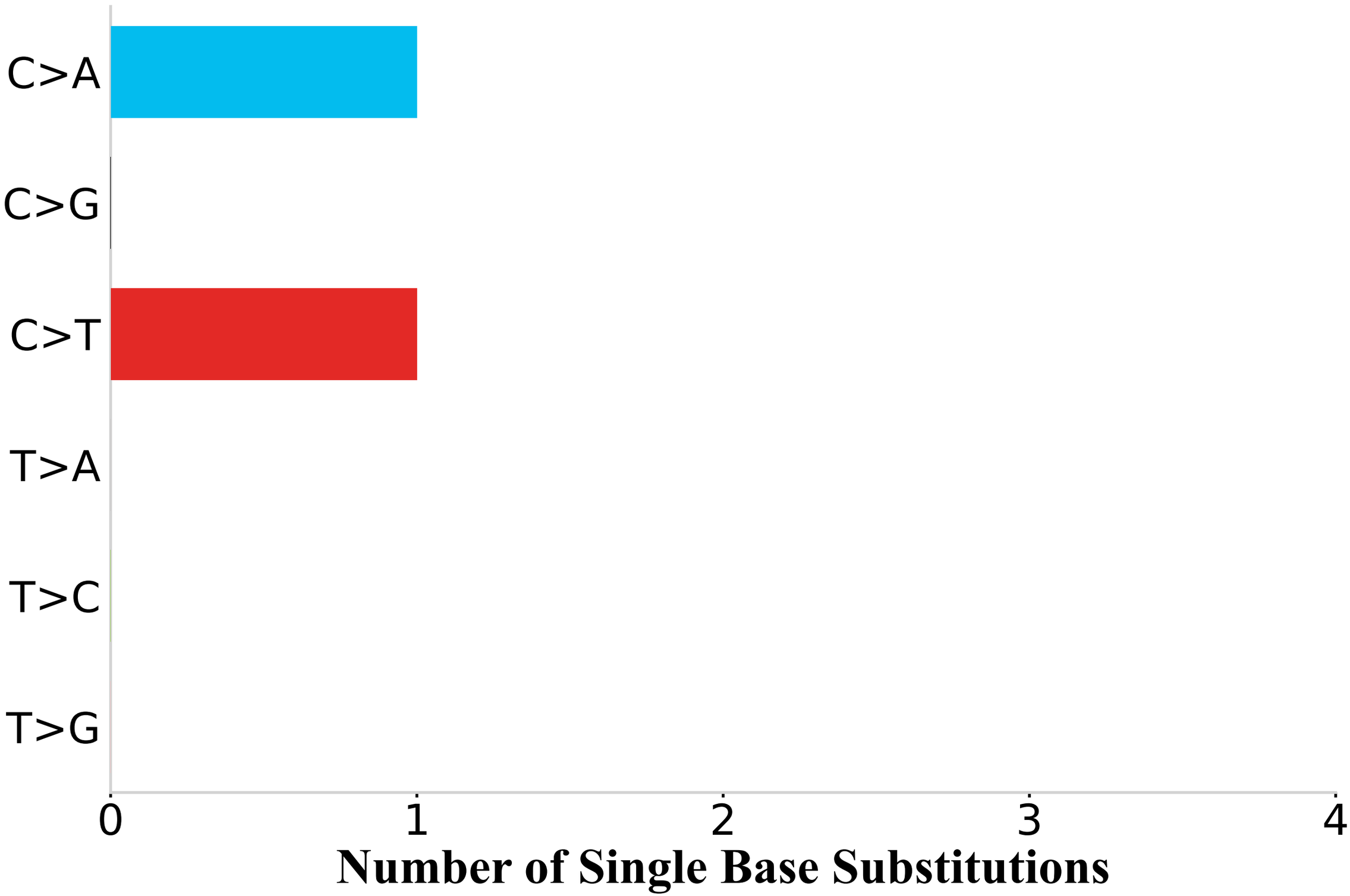


P-0025944-T02-IM6: 0 subs

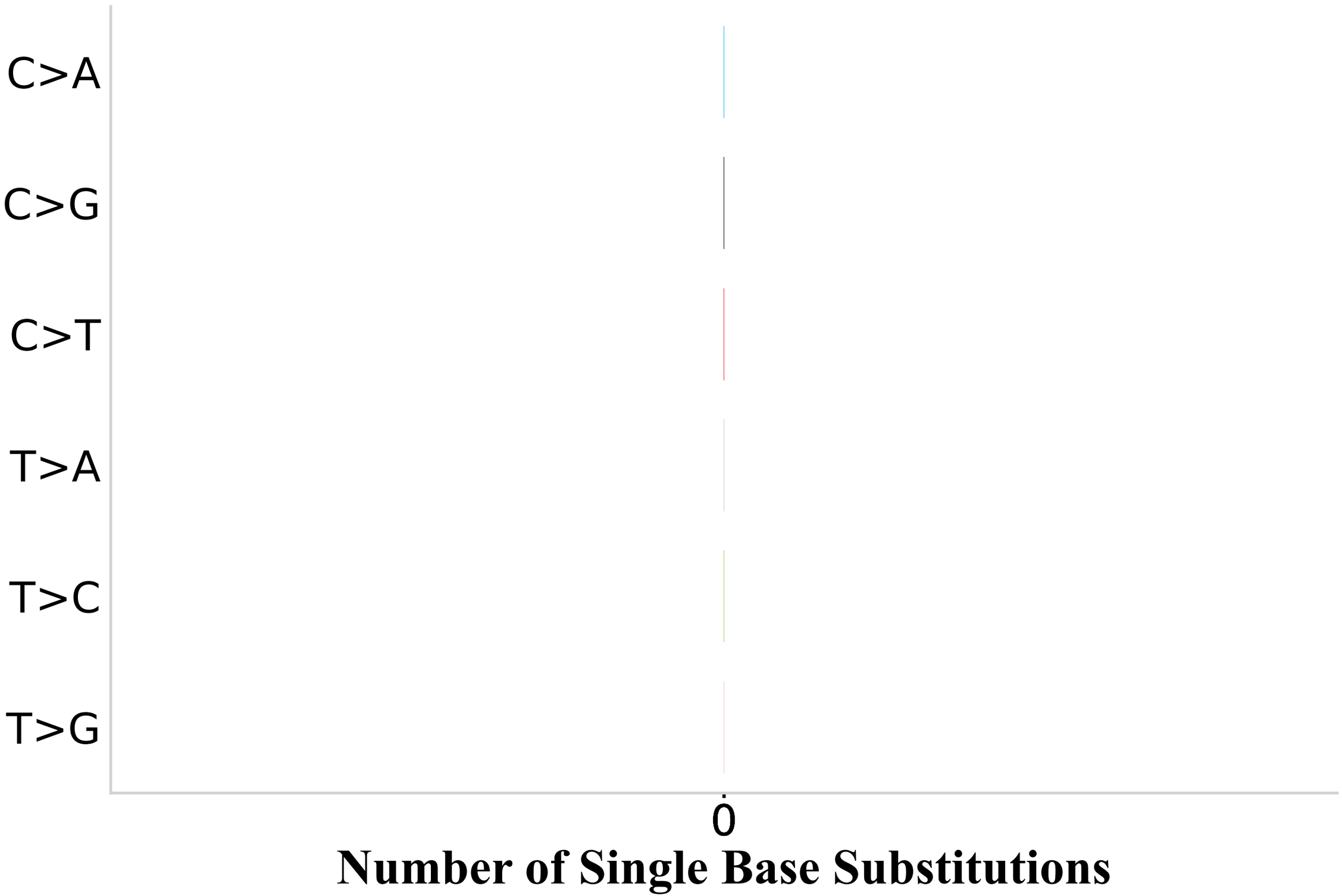


P-0026229-T01-IM6: 2 subs

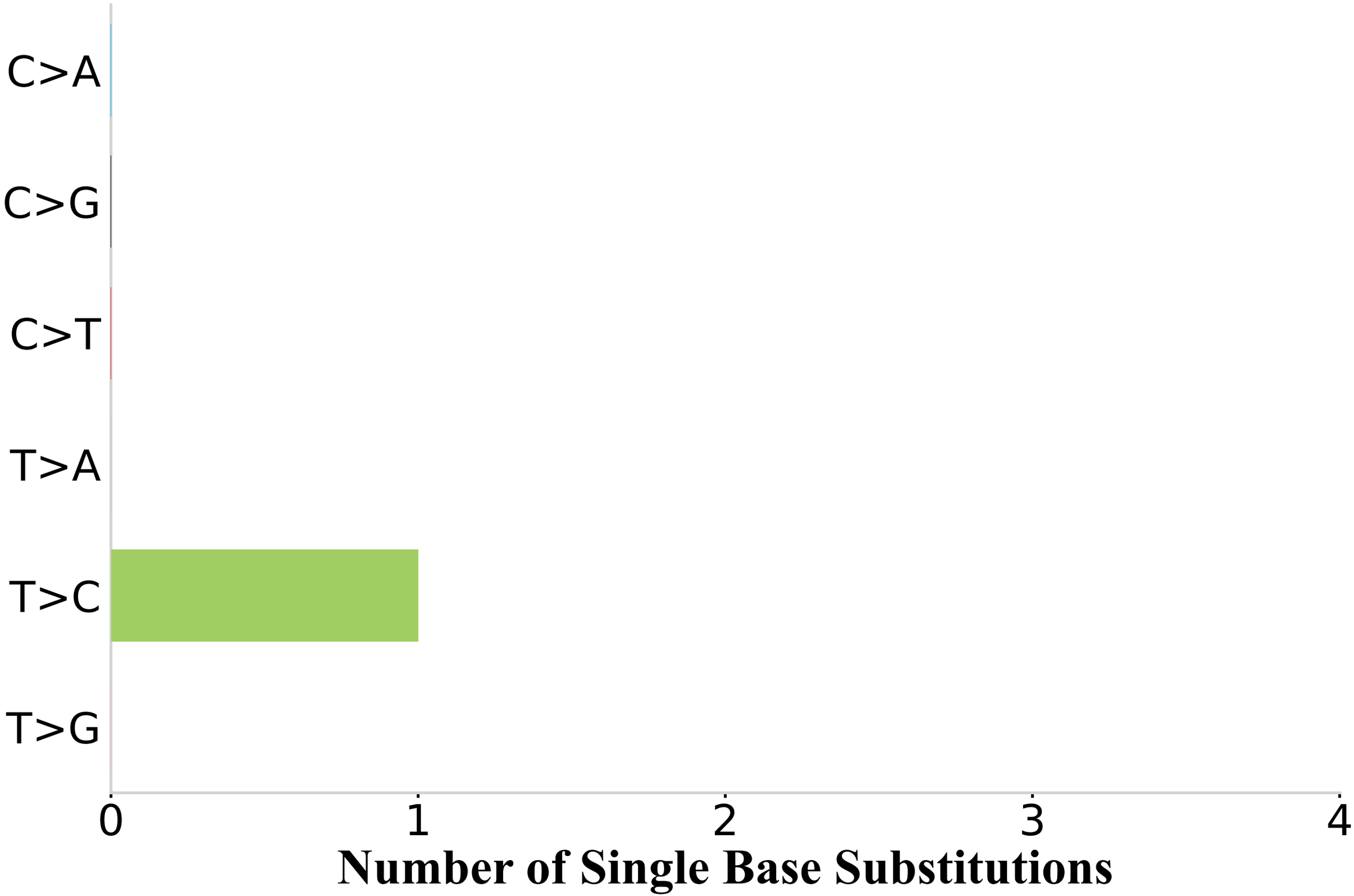
P-0026534-T01-IM6: 2 subs



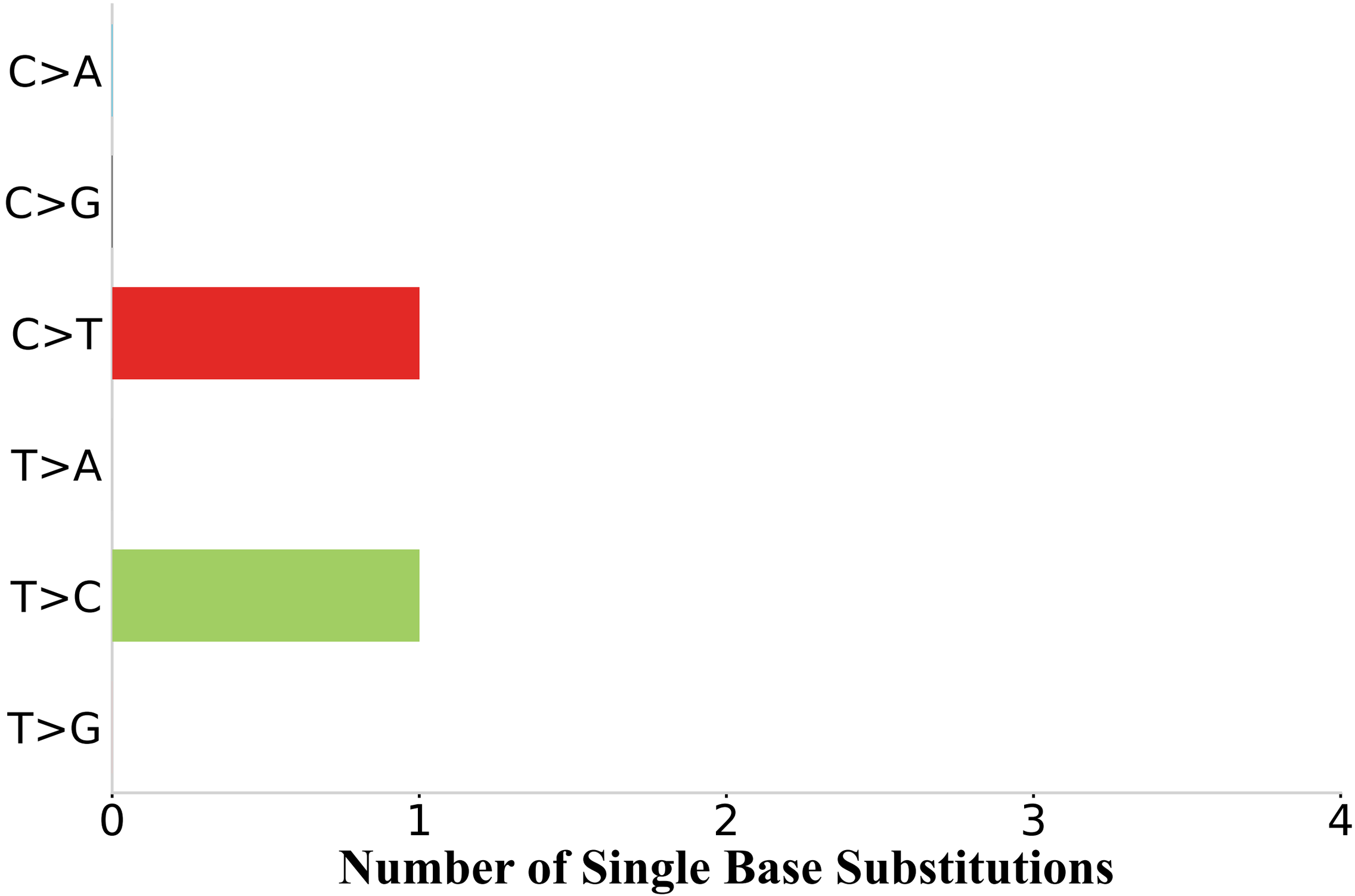
P-0026834-T01-IM6: 0 subs



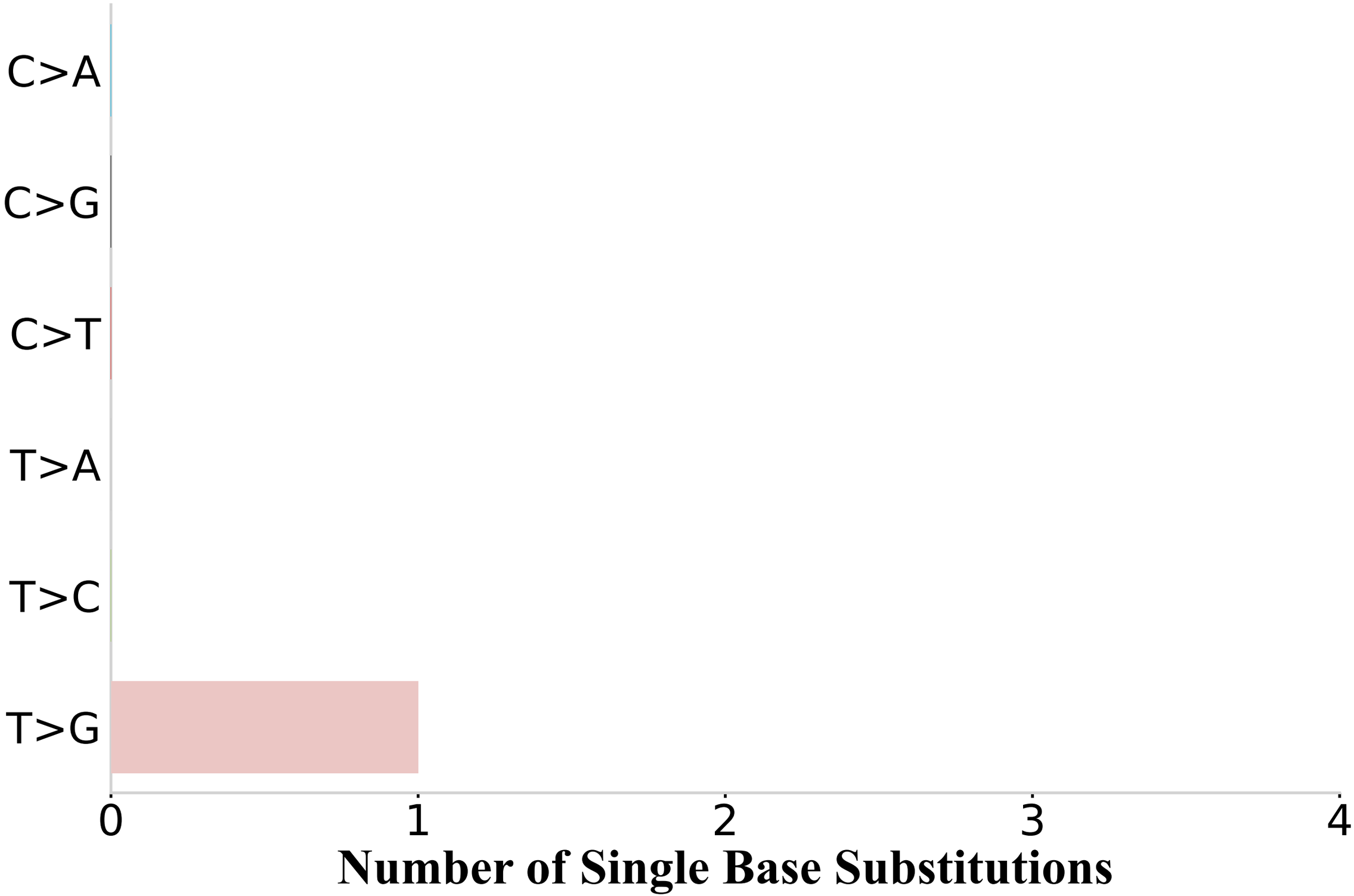
P-0027043-T01-IM6: 1 subs

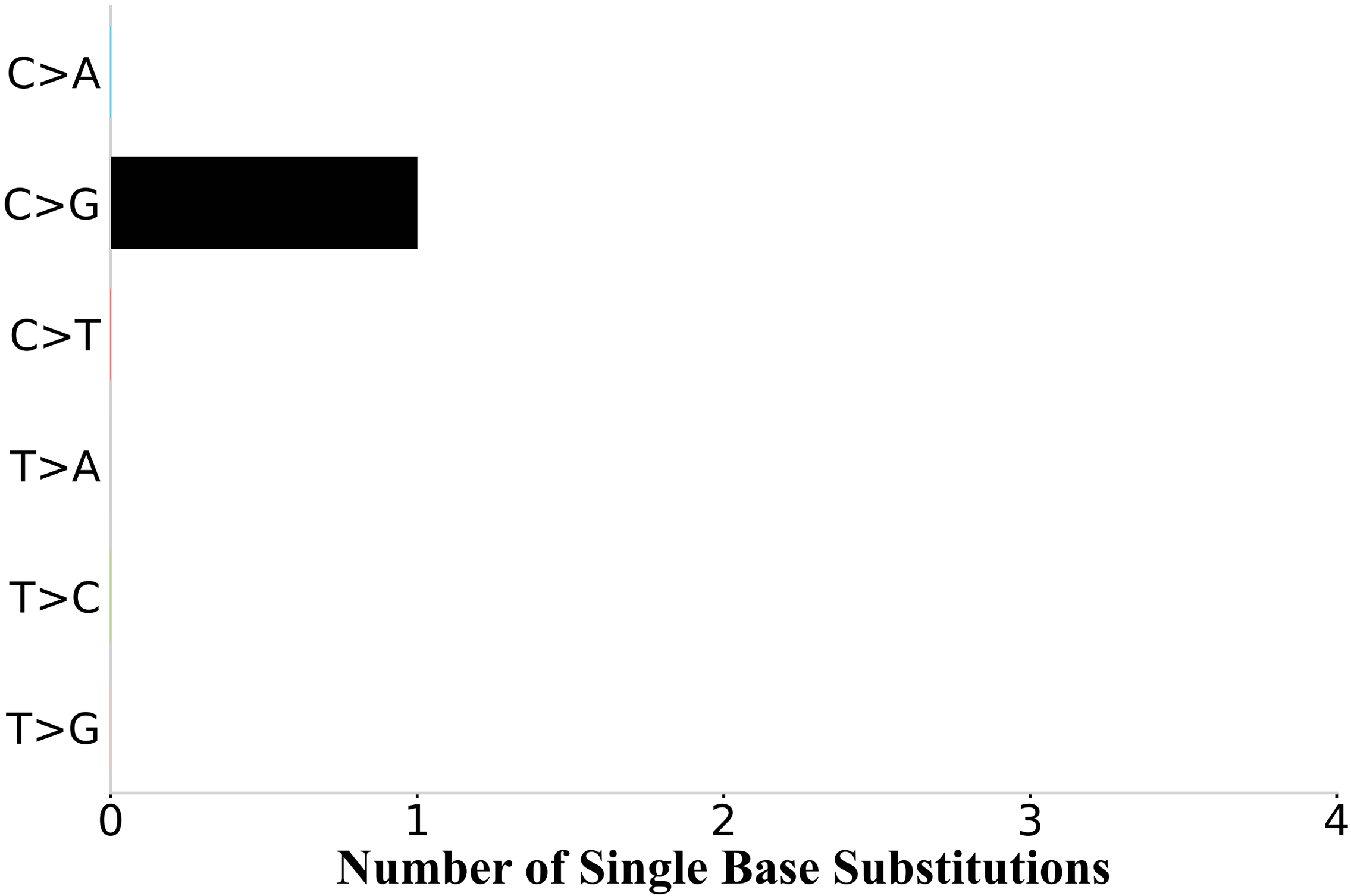


P-0029170-T01-IM6: 2 subs



P-0029293-T01-IM6: 1 subs




P-0030366-T01-IM6: 1 subs
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C>T
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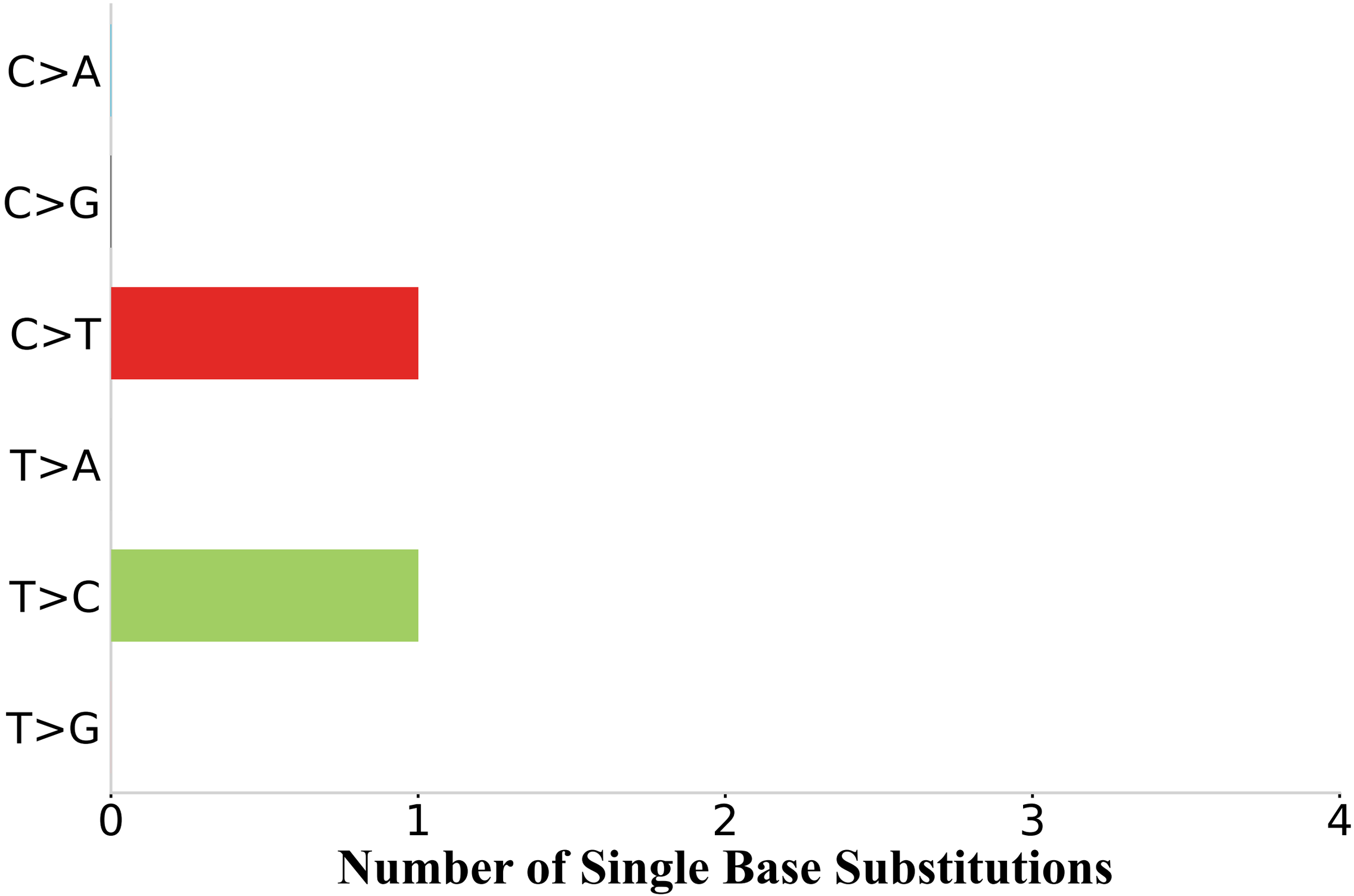
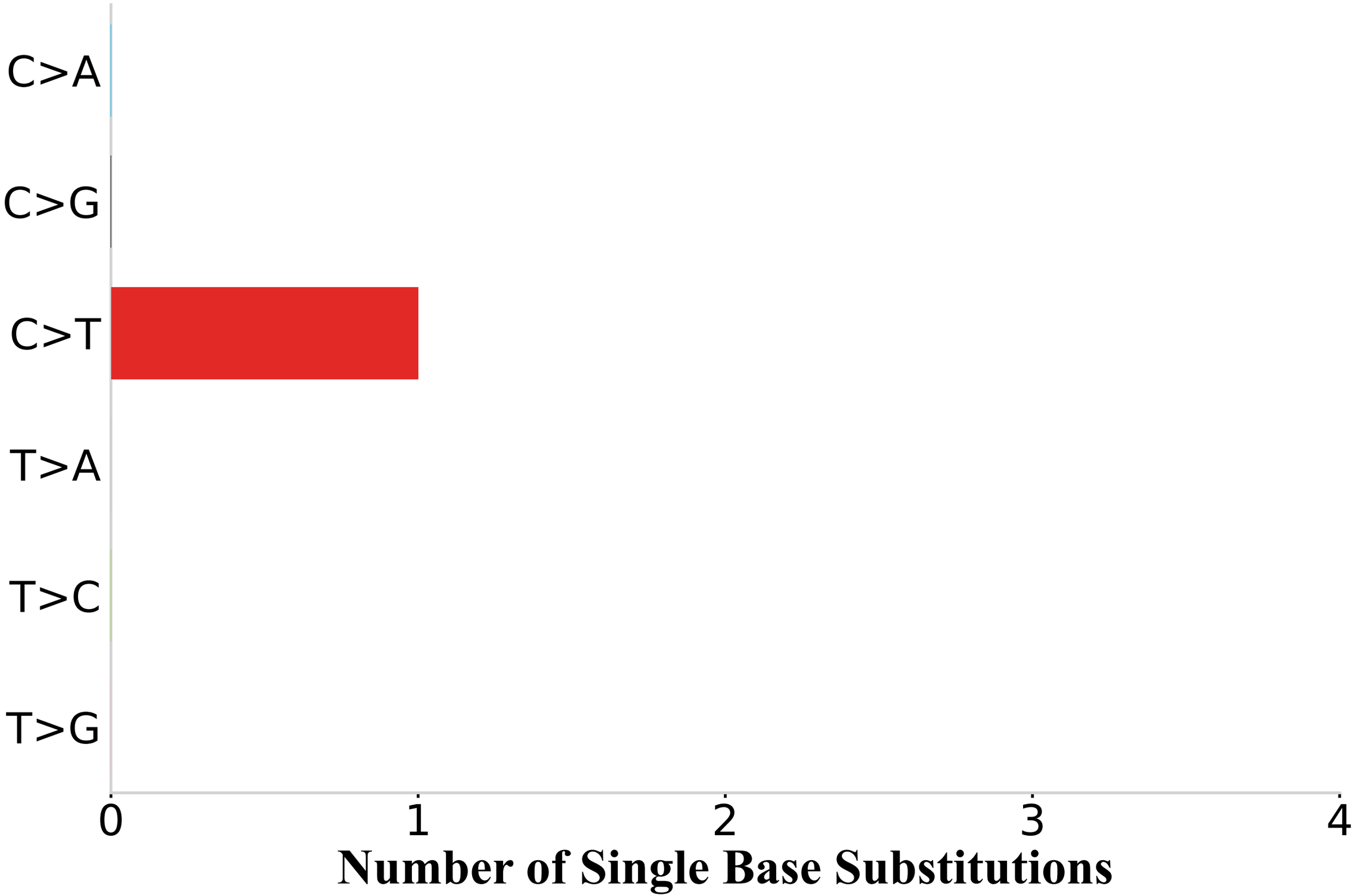
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

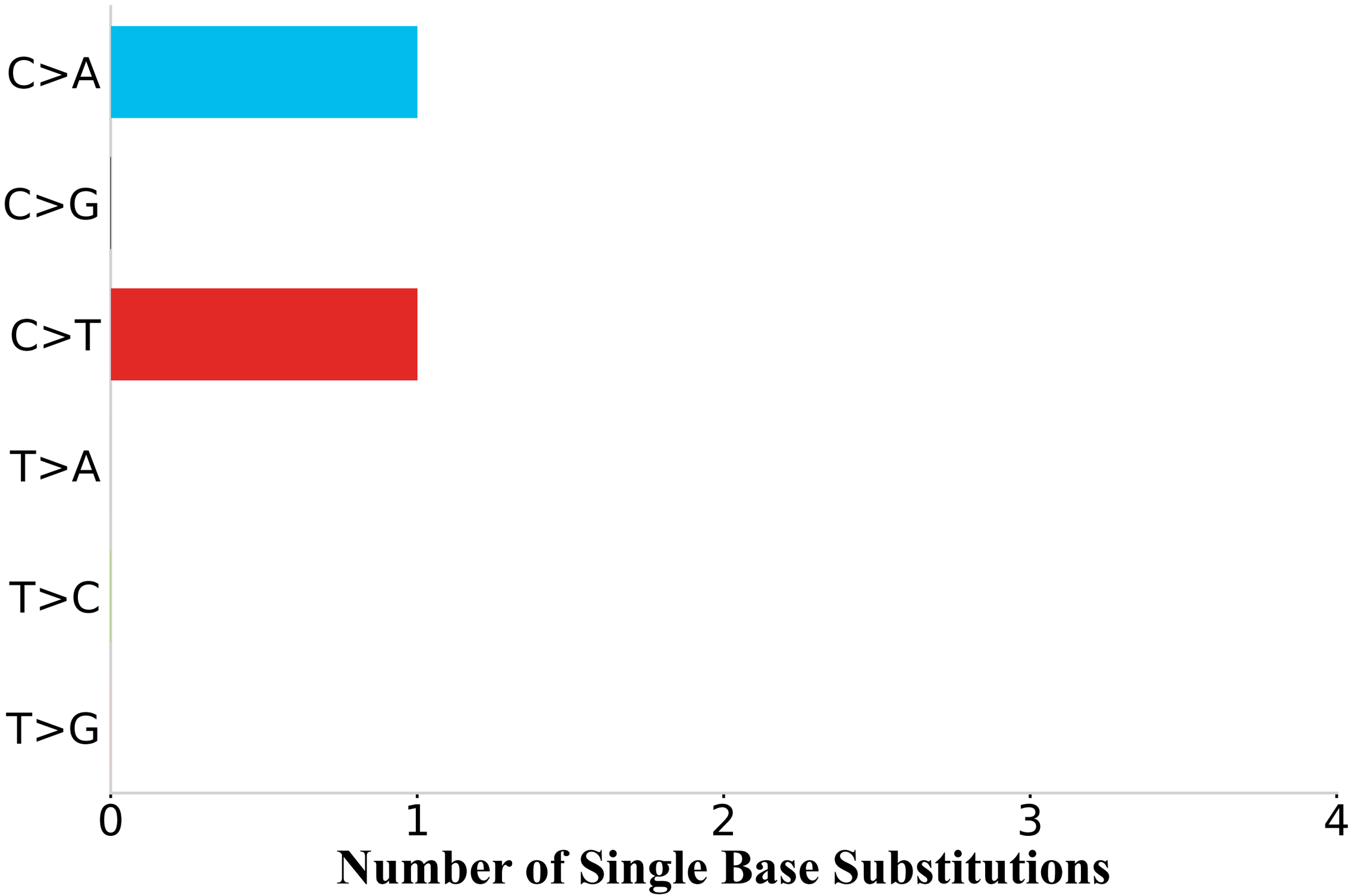
P-0030888-T01-IM6: 2 subs



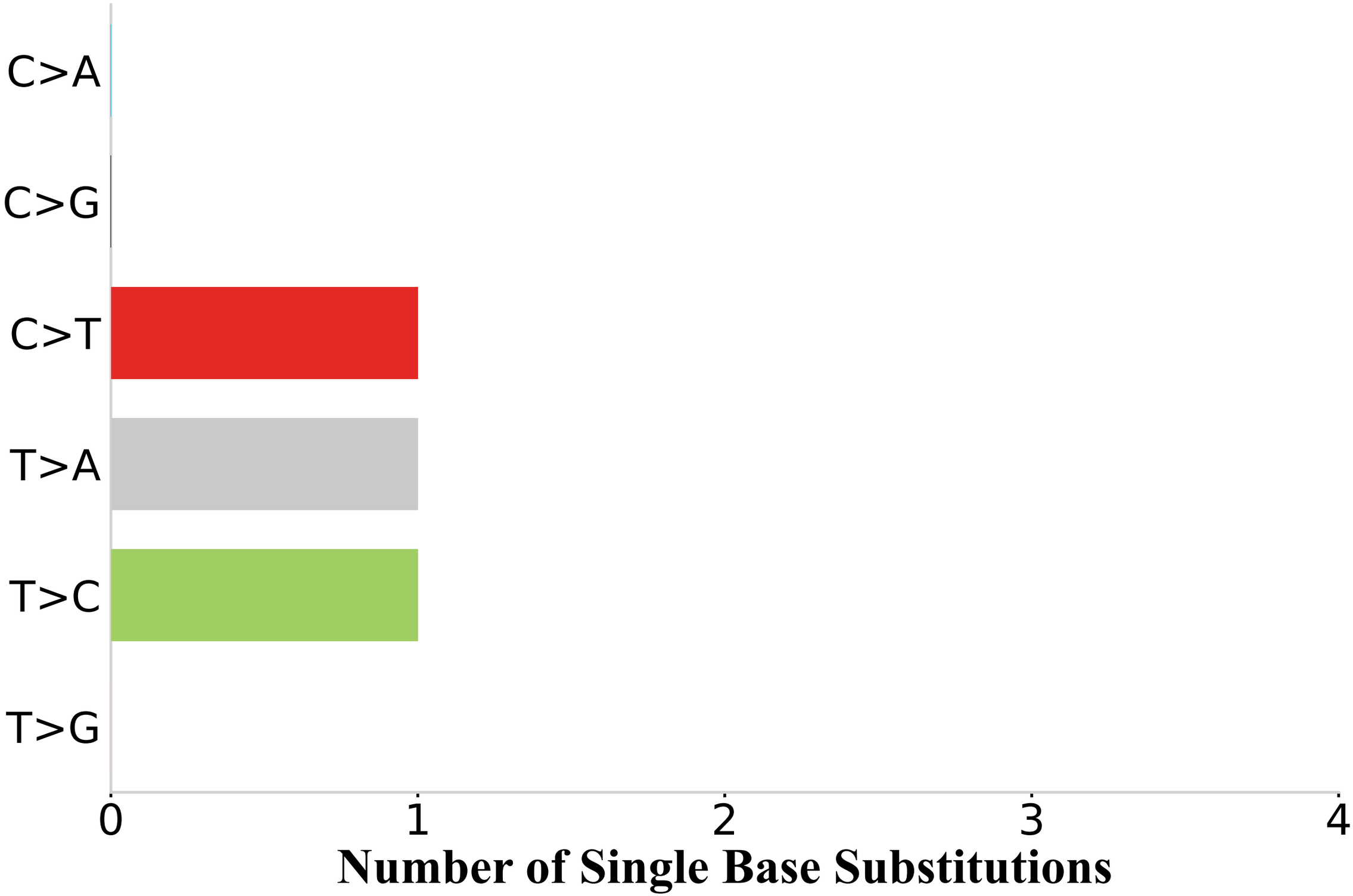
P-0030919-T01-IM6: 1 subs



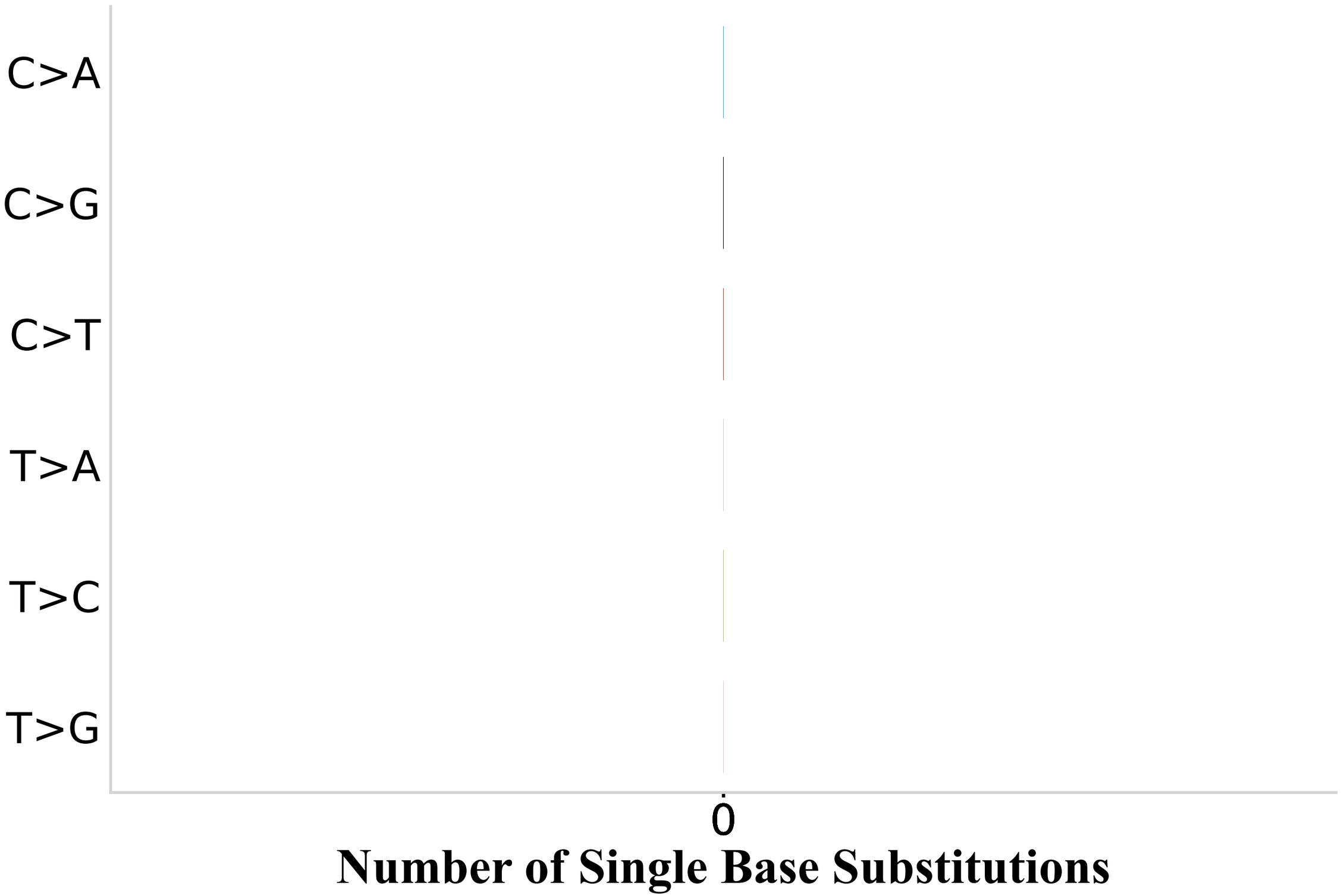
P-0031054-T01-IM6: 2 subs



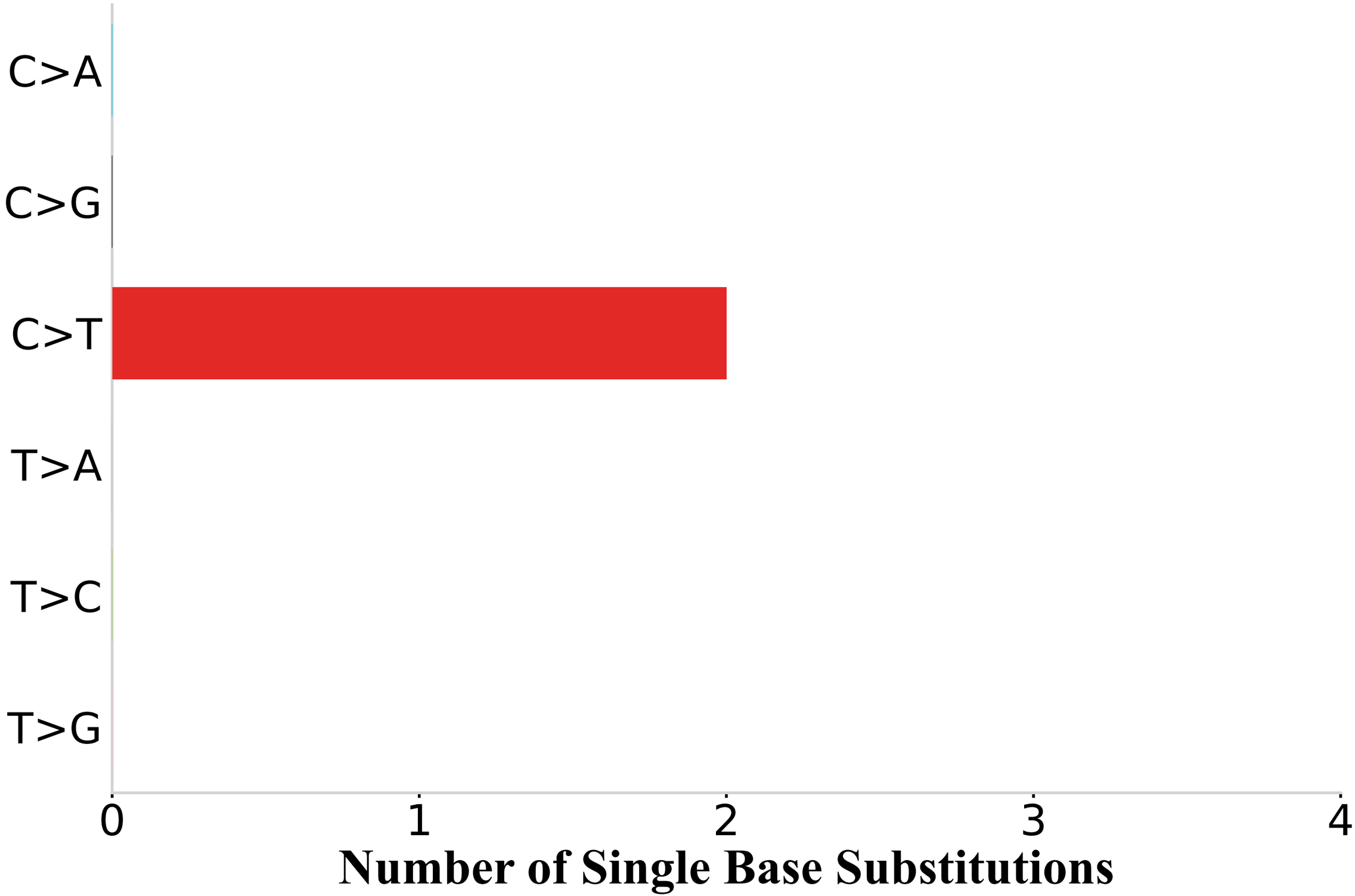
P-0031993-T01-IM6: 3 subs



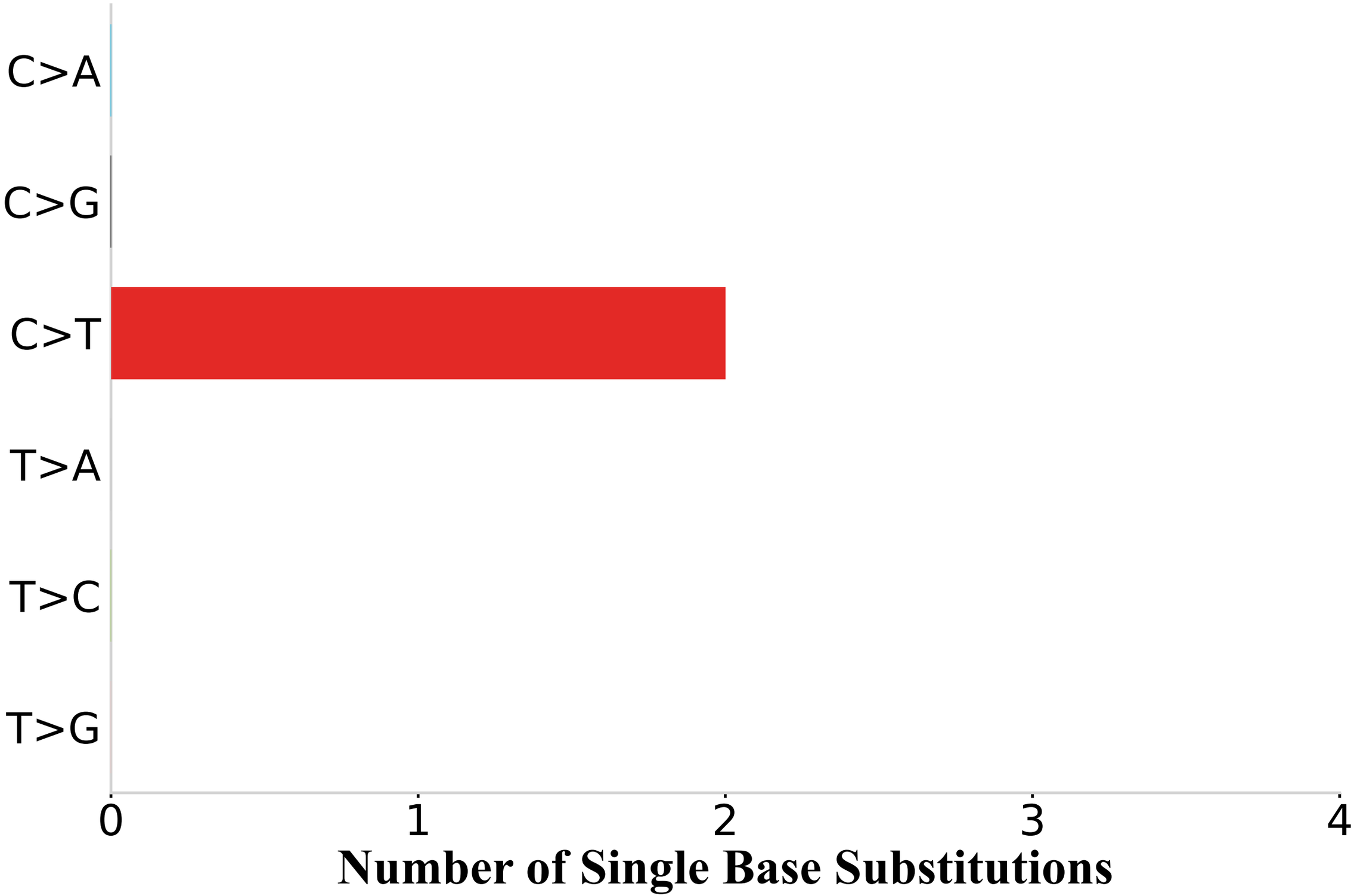
P-0032783-T01-IM6: 0 subs



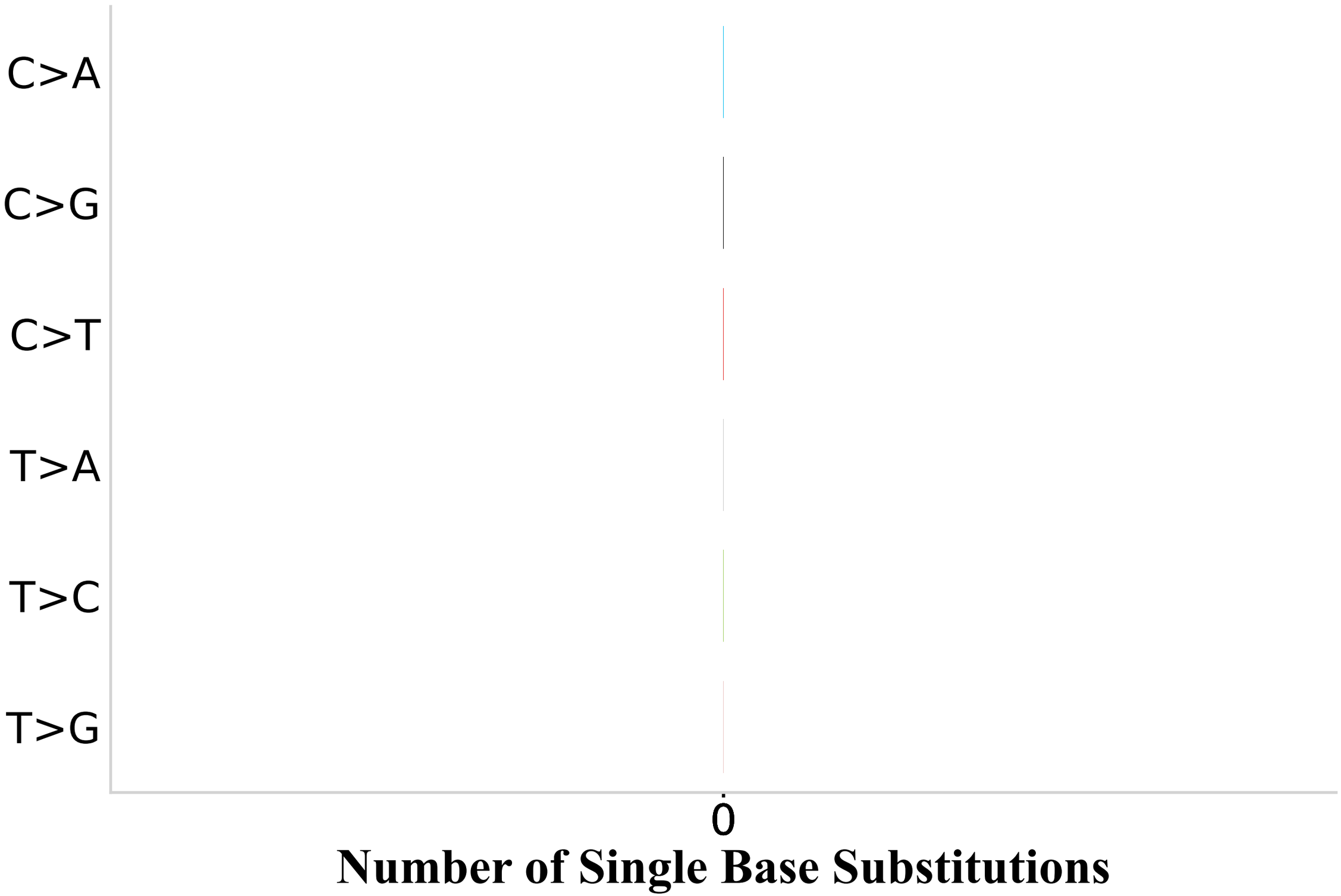
P-0033681-T01-IM6: 2 subs

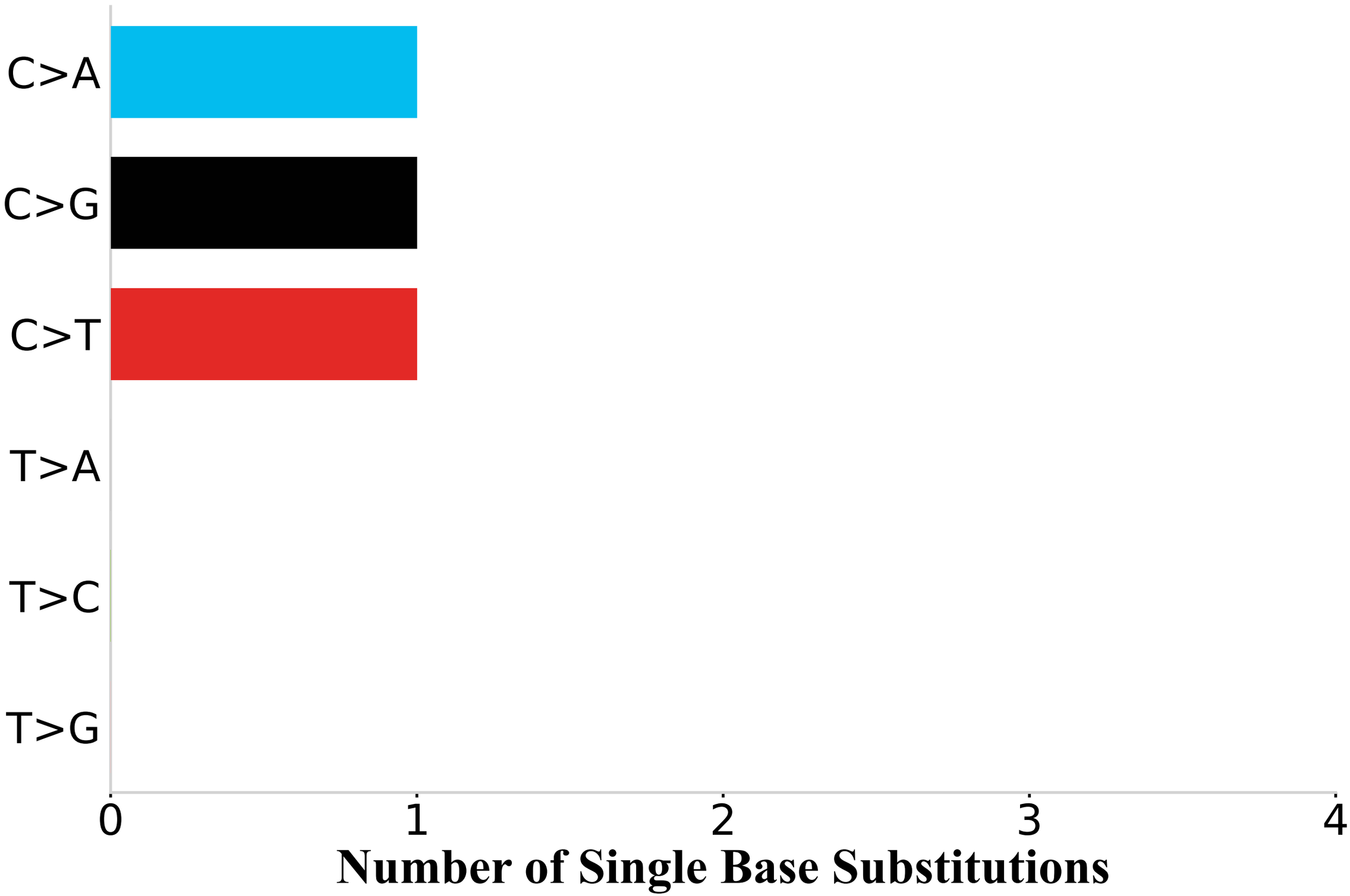


P-0033932-T01-IM6: 2 subs



P-0033964-T01-IM6: 0 subs




P-0035775-T01-IM6: 3 subs
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C>T
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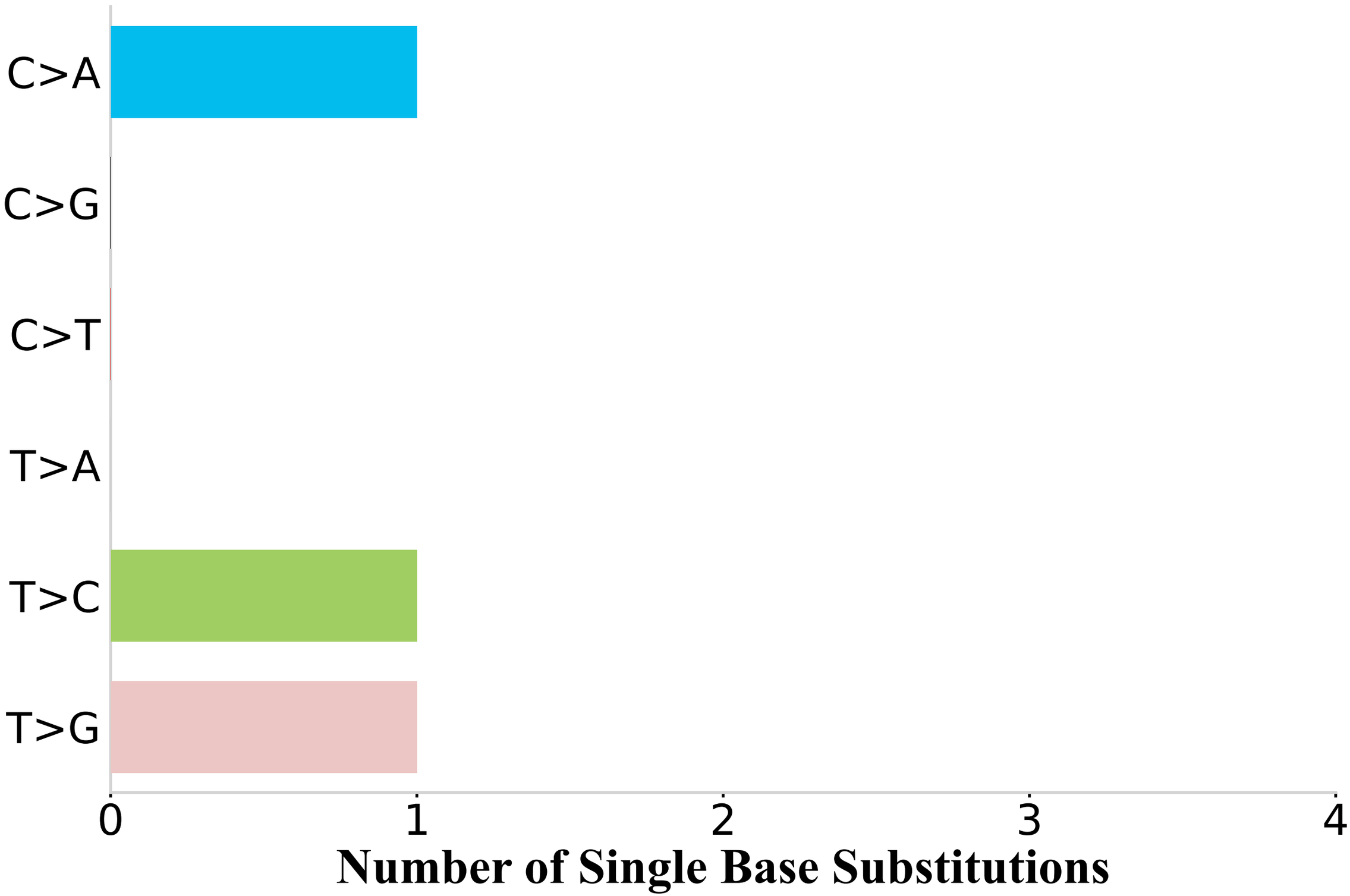
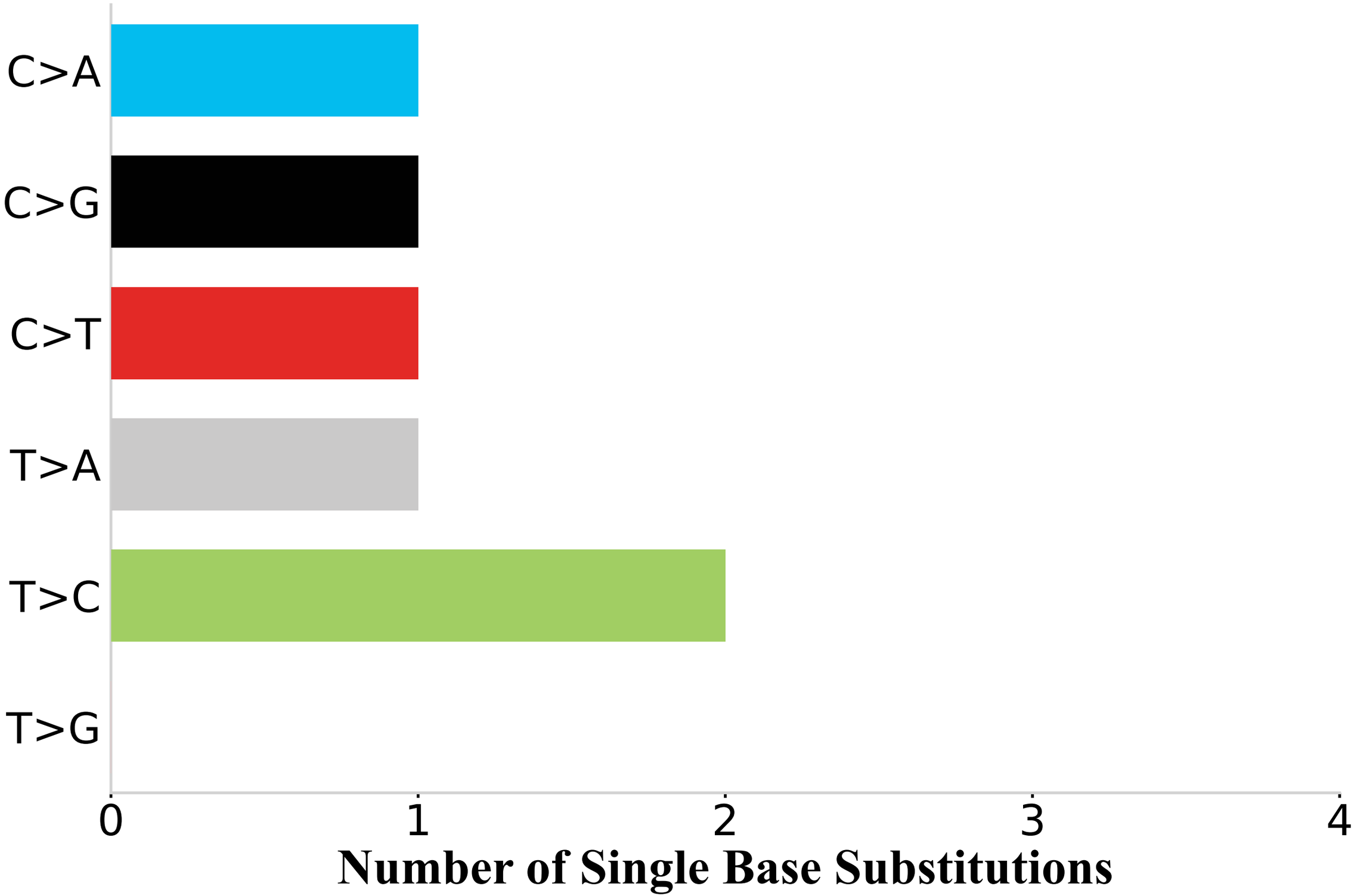
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

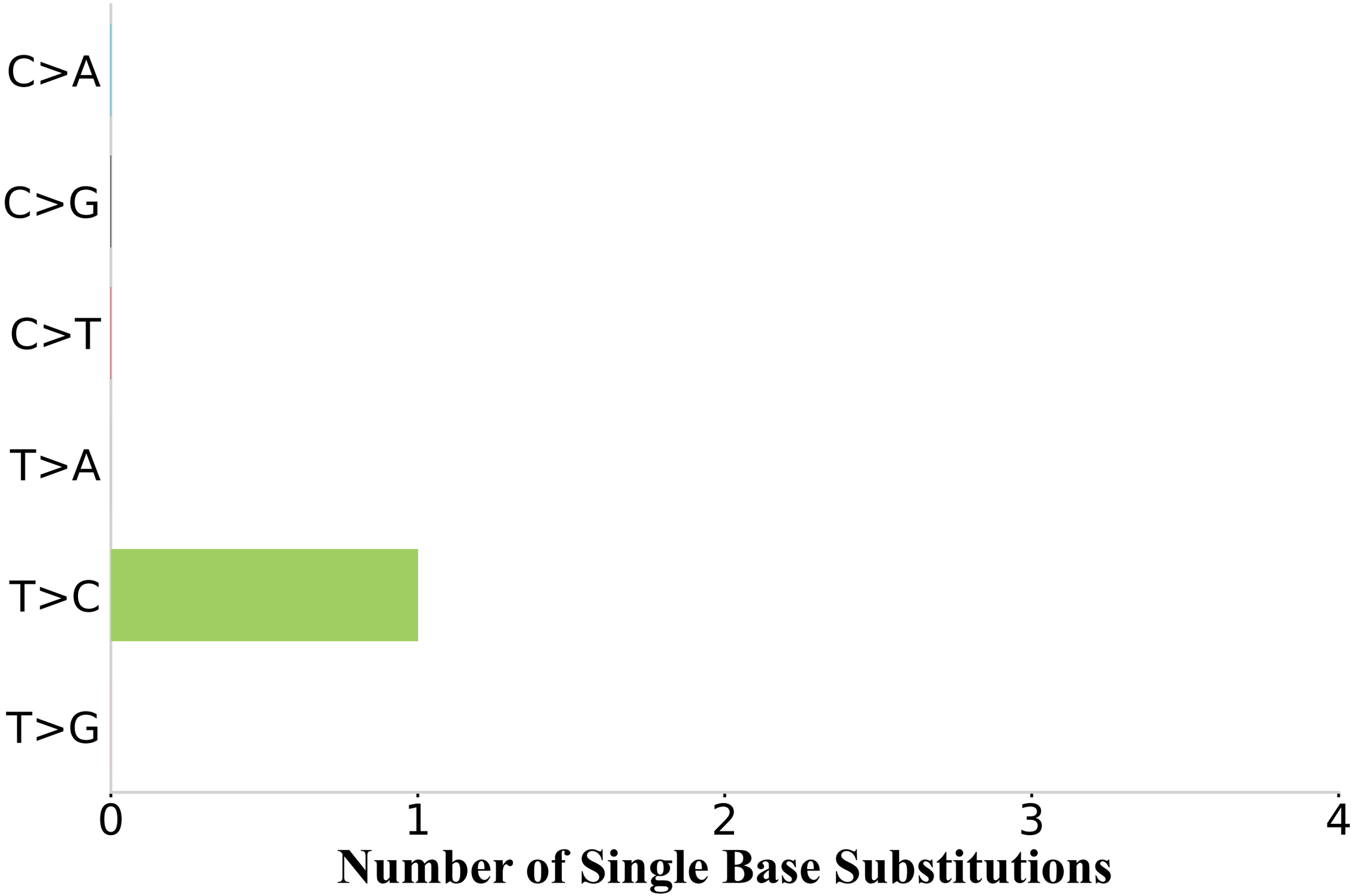
P-0036577-T01-IM6: 3 subs



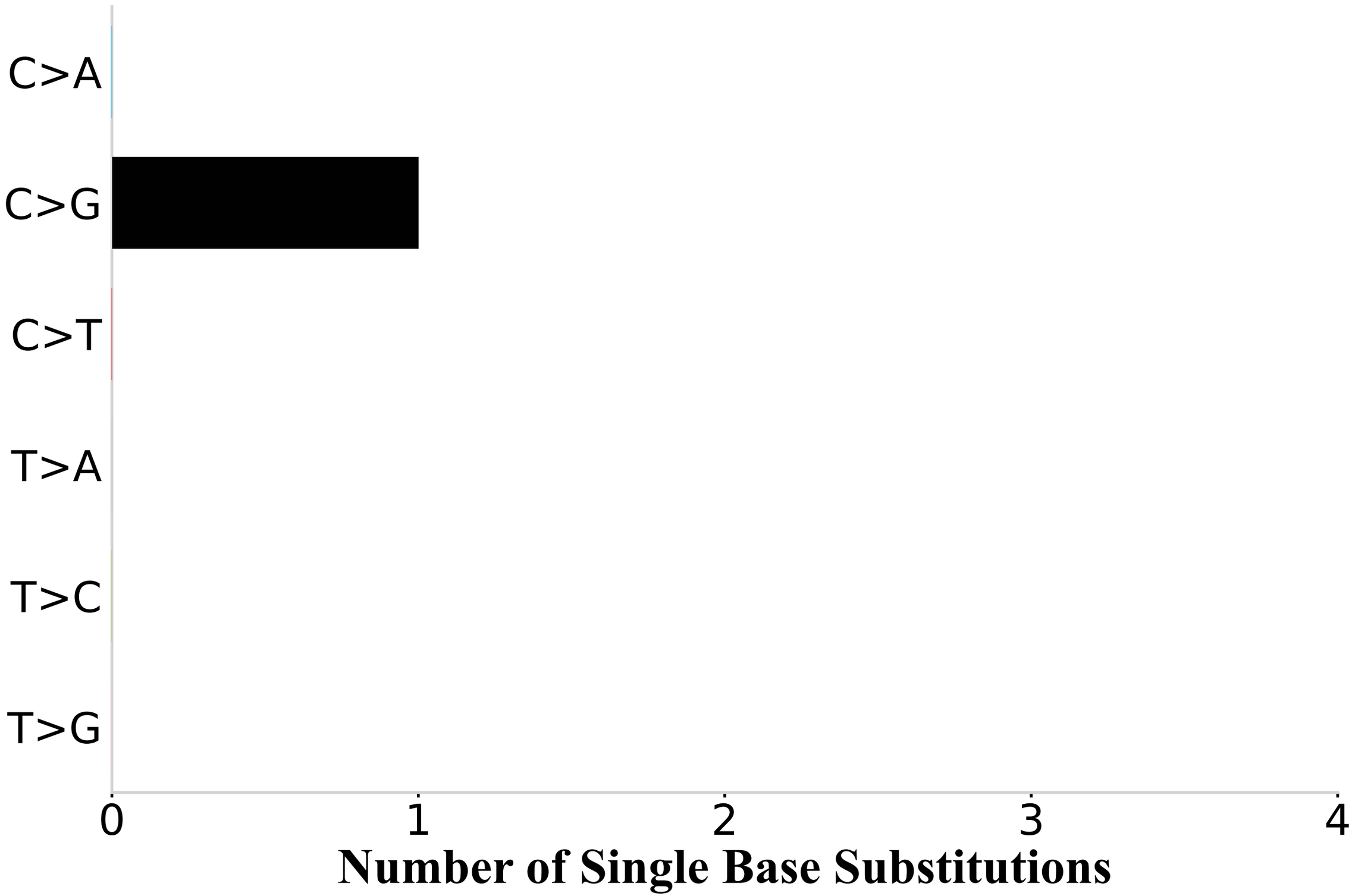
P-0036669-T01-IM6: 6 subs



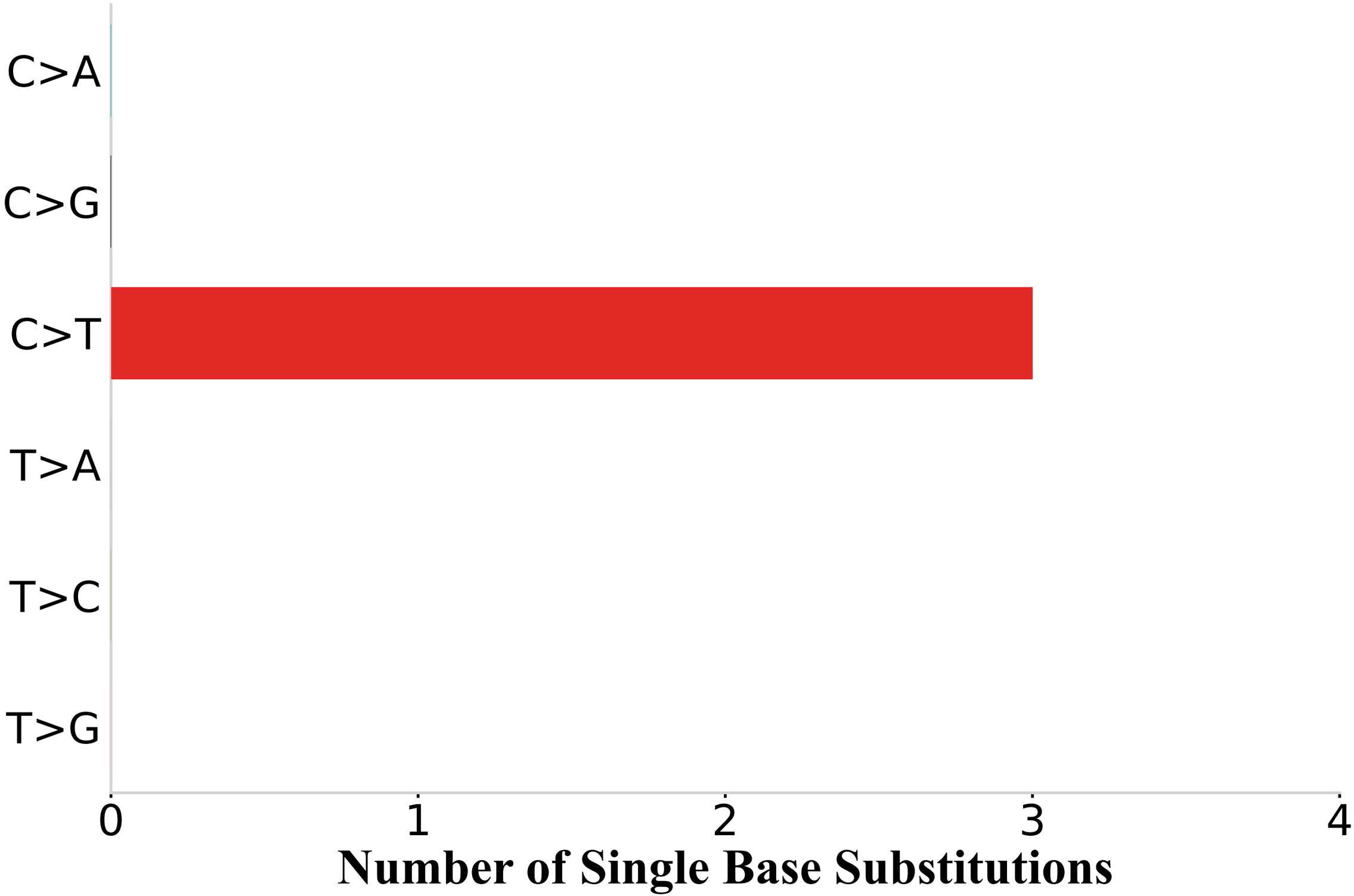
P-0036670-T01-IM6: 1 subs



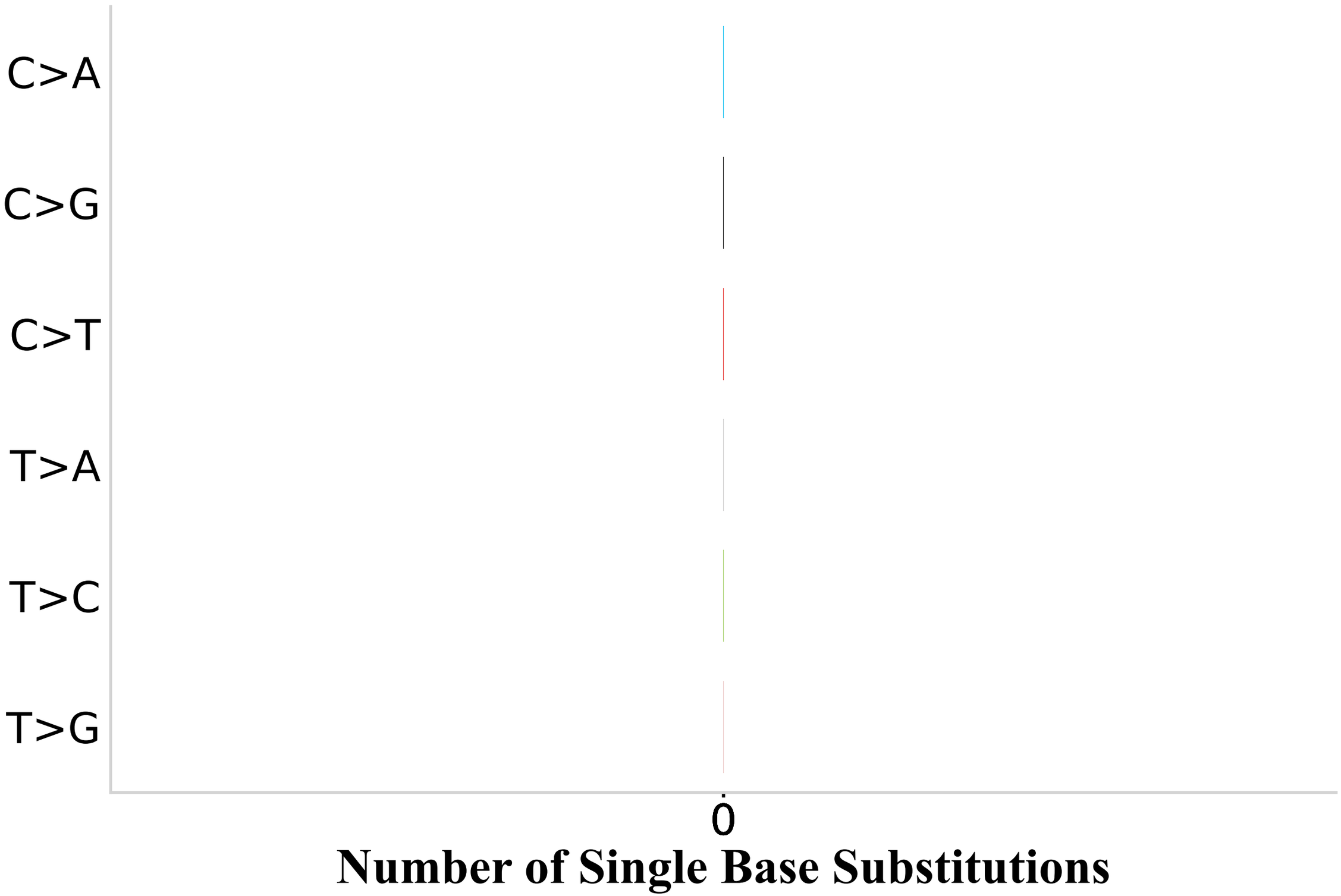
P-0036787-T01-IM6: 1 subs

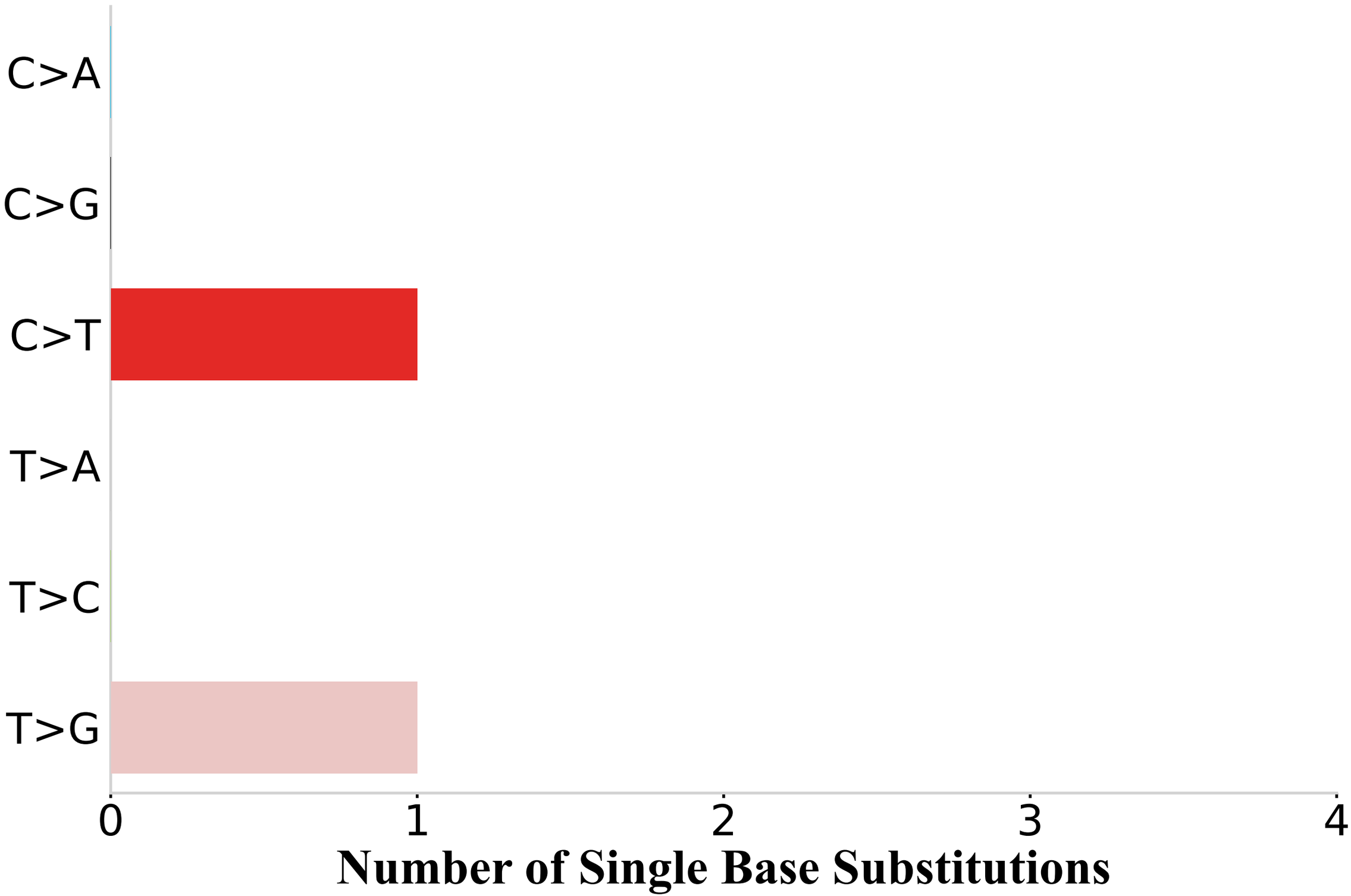


P-0038778-T01-IM6: 3 subs



P-0040422-T02-IM6: 0 subs




P-0040750-T01-IM6: 2 subs
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1
2
3
4
Number of Single Base Substitutions

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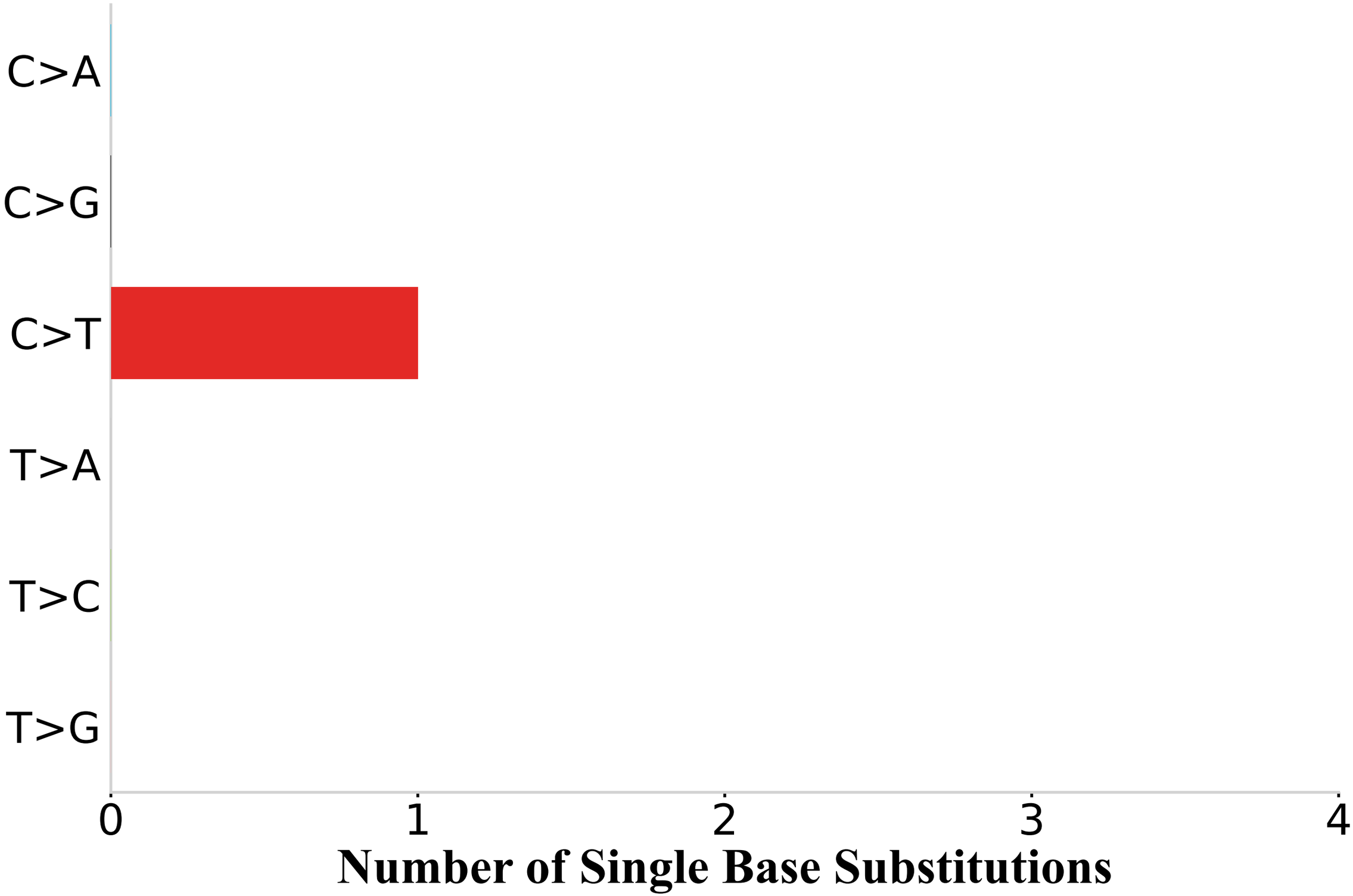
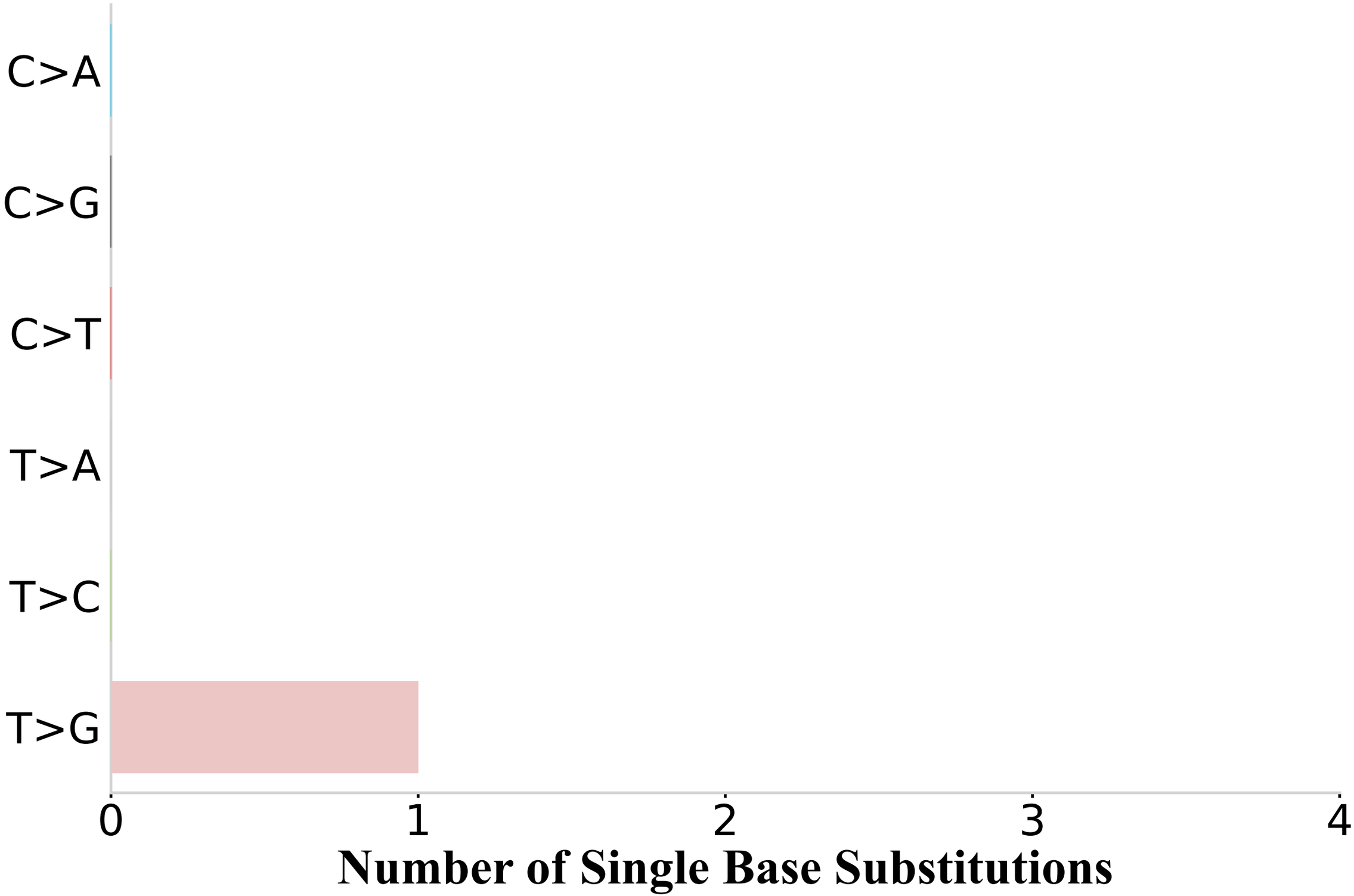
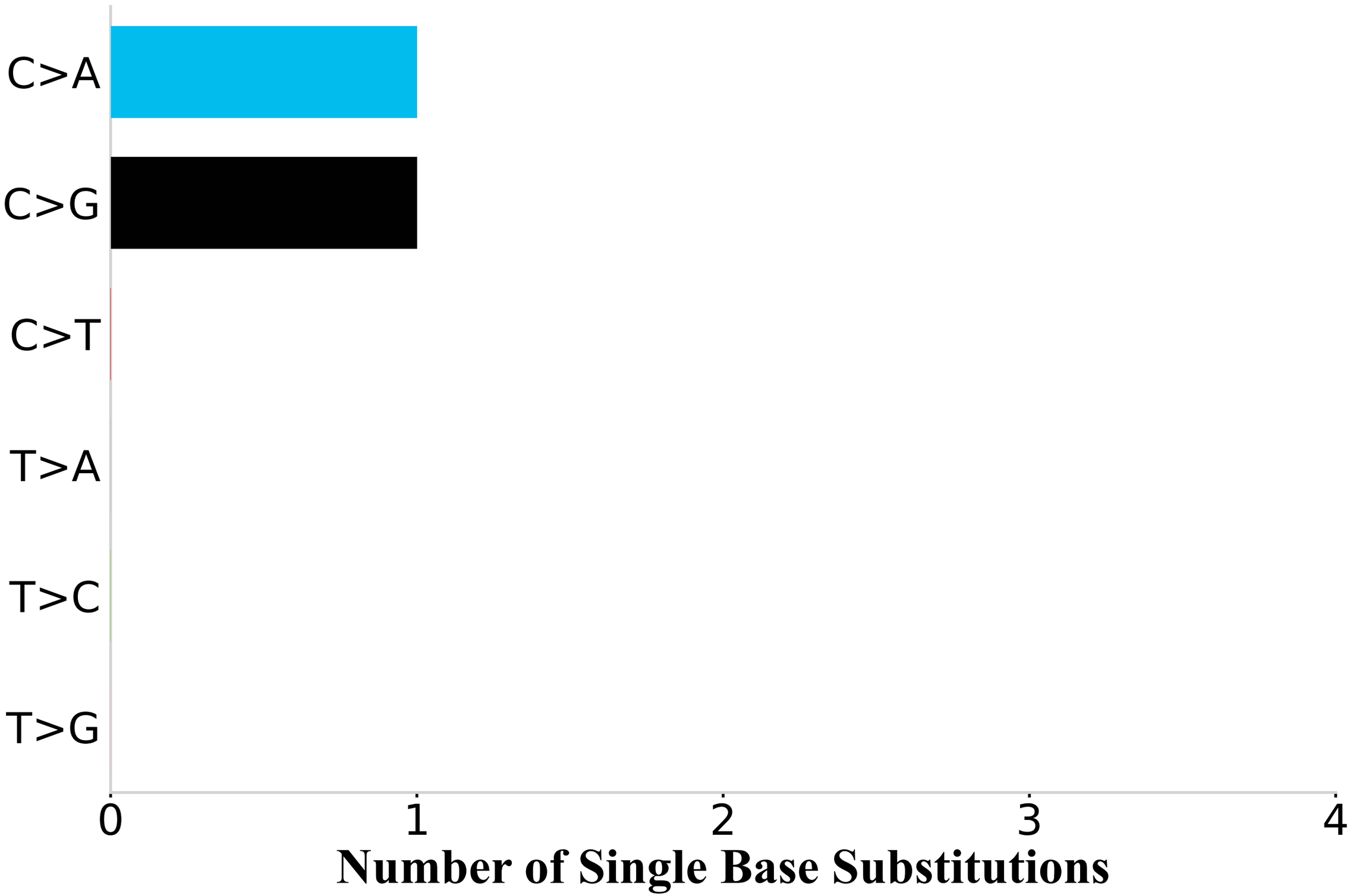
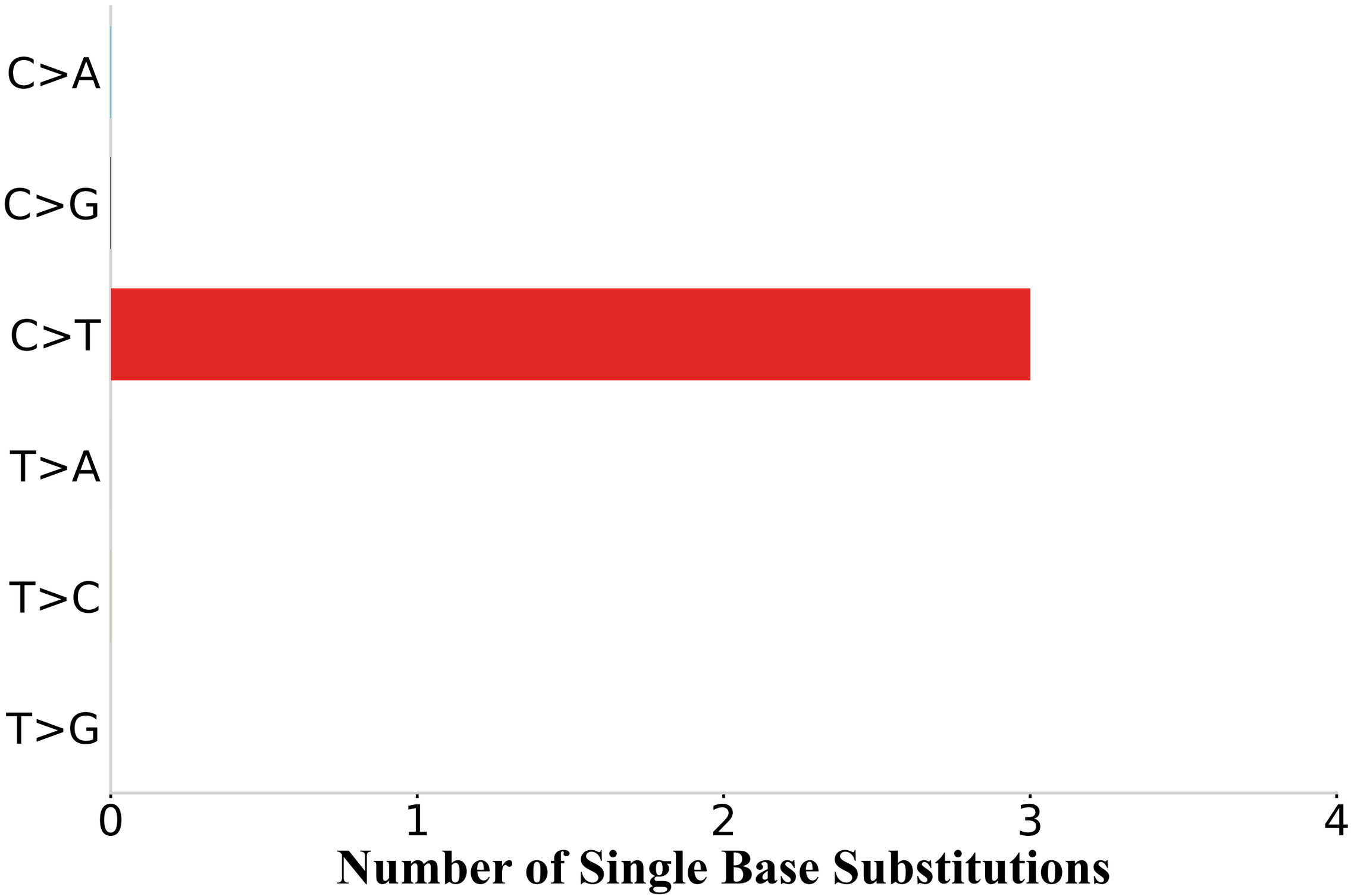


P-0041411-T01-IM6: 1 subs



P-0041646-T01-IM6: 2 subs




P-0042210-T01-IM6: 3 subs
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T>G
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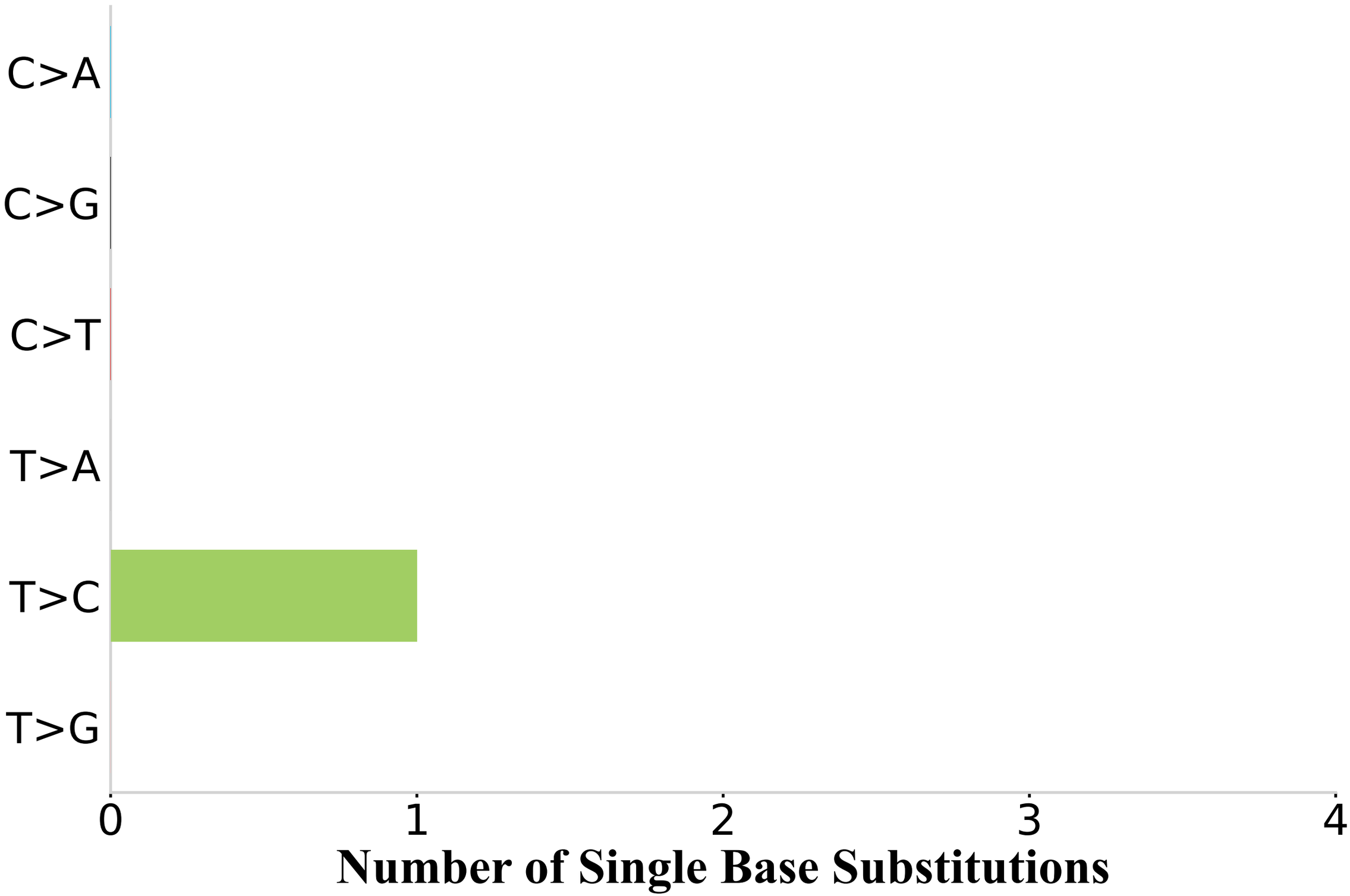
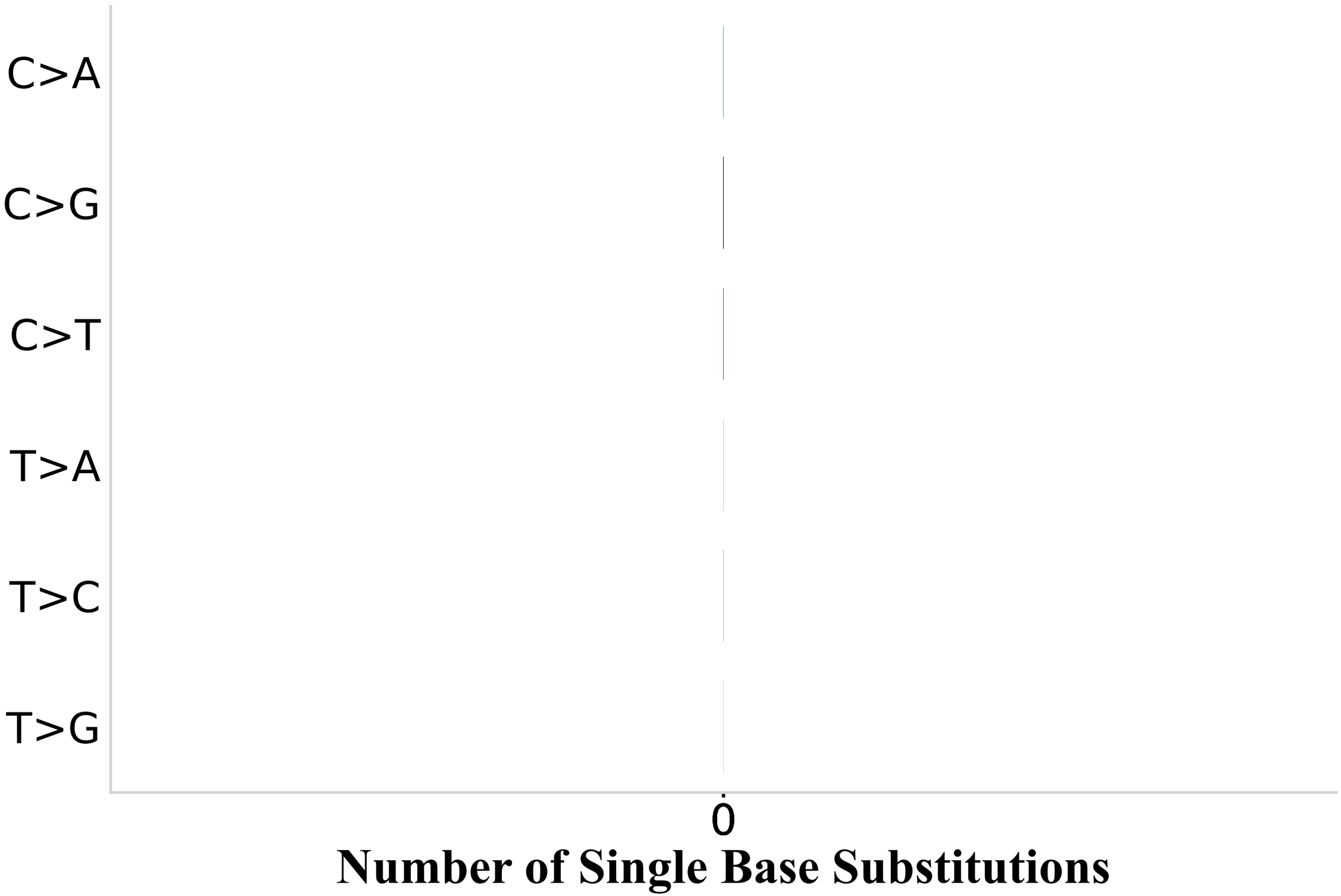
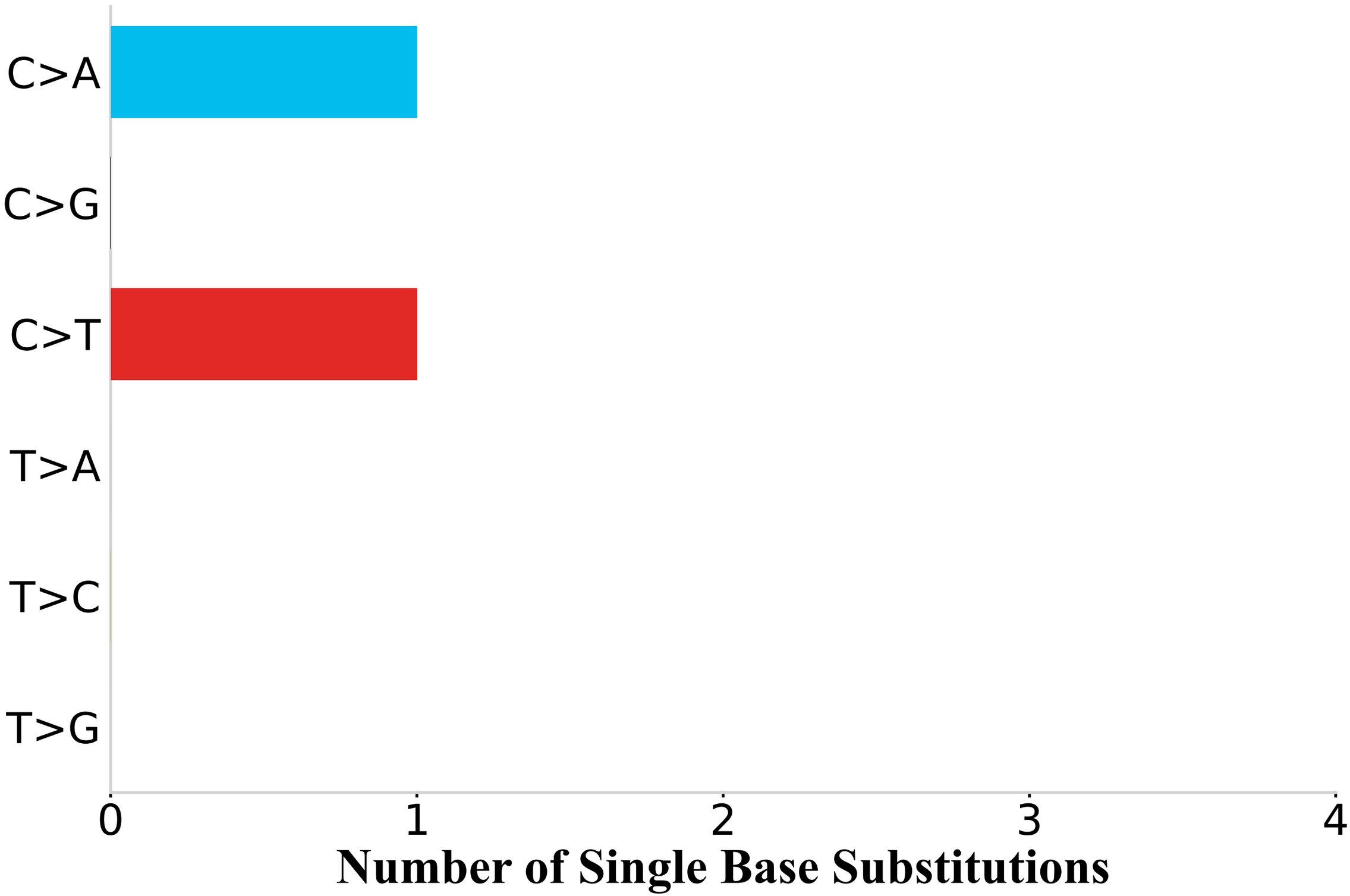
2
3
4
Number of Single Base Substitutions

P-0042282-T01-IM6: 1 subs



P-0043104-T01-IM6: 0 subs




P-0044749-T01-IM6: 2 subs
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T>C
T>G
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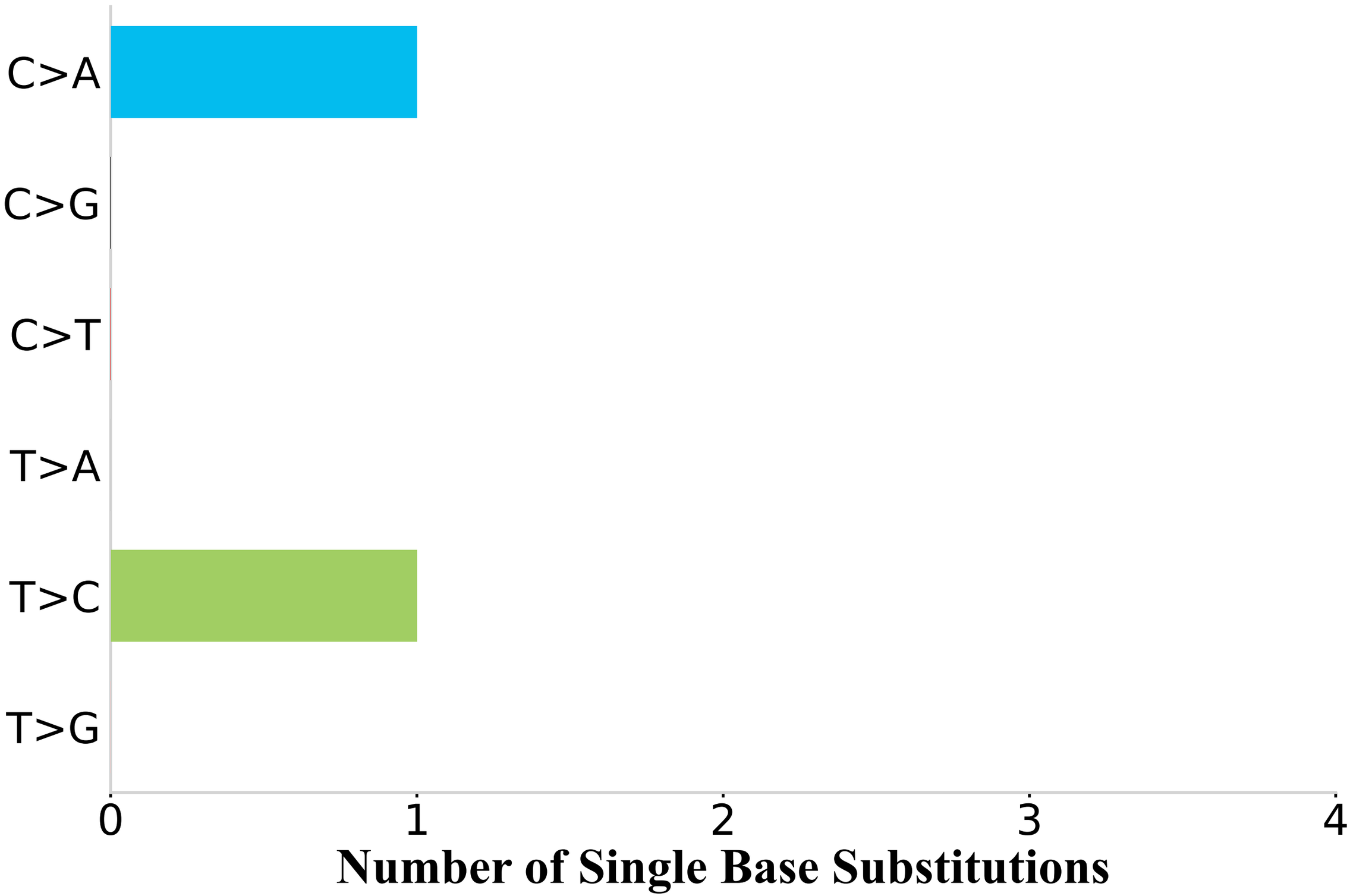
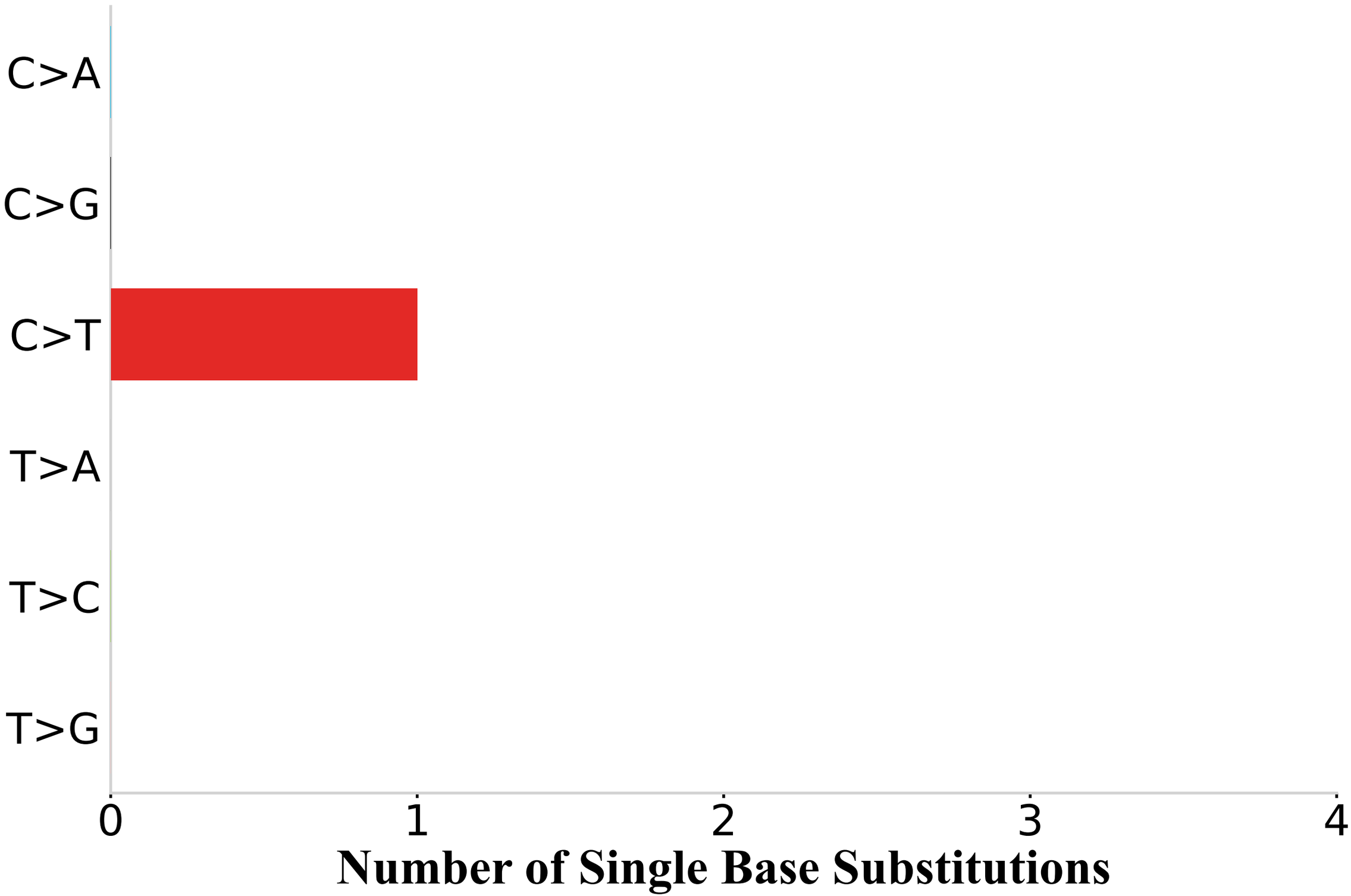
1
2
3
4
Number of Single Base Substitutions

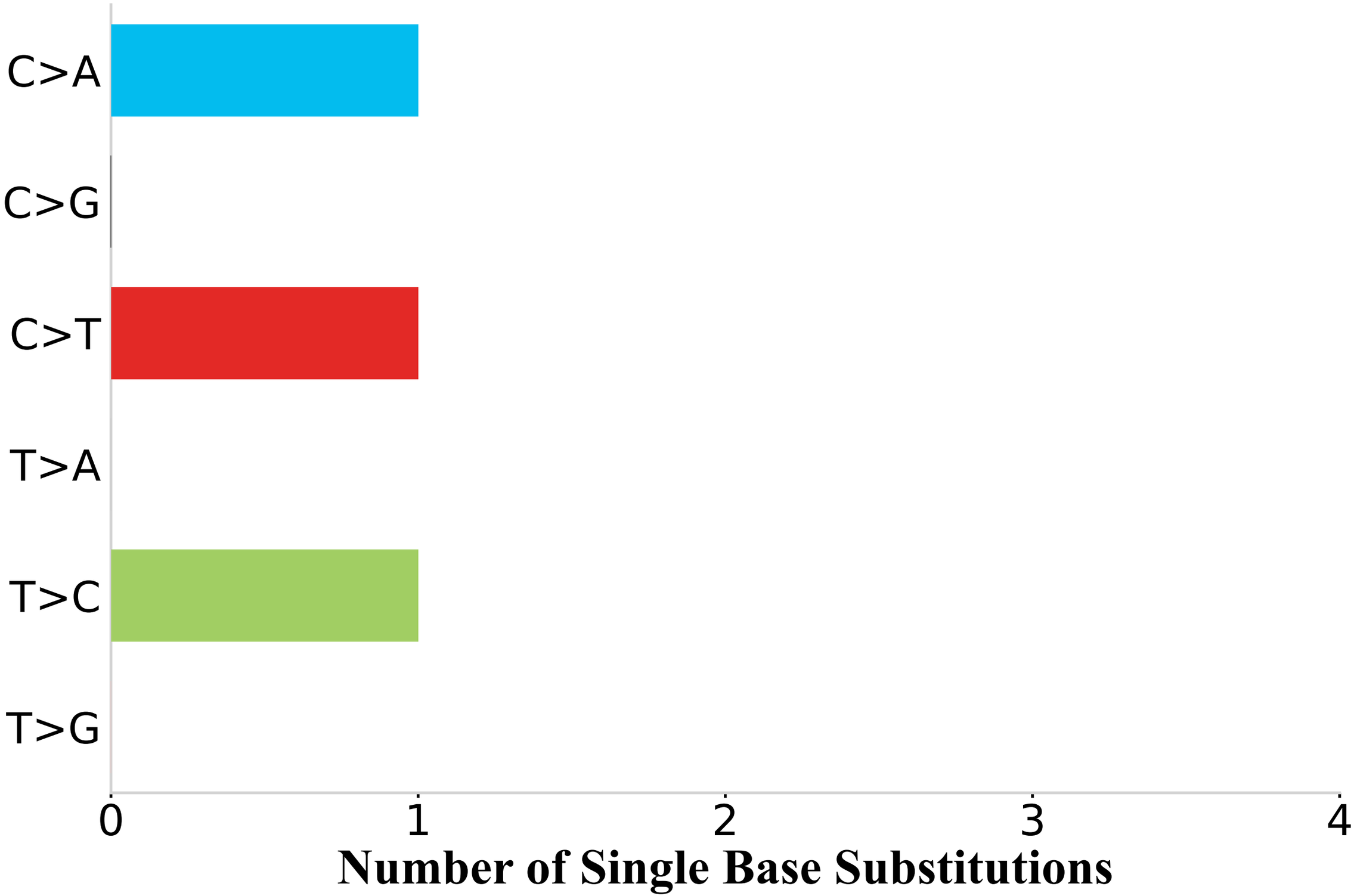
P-0046481-T01-IM6: 2 subs

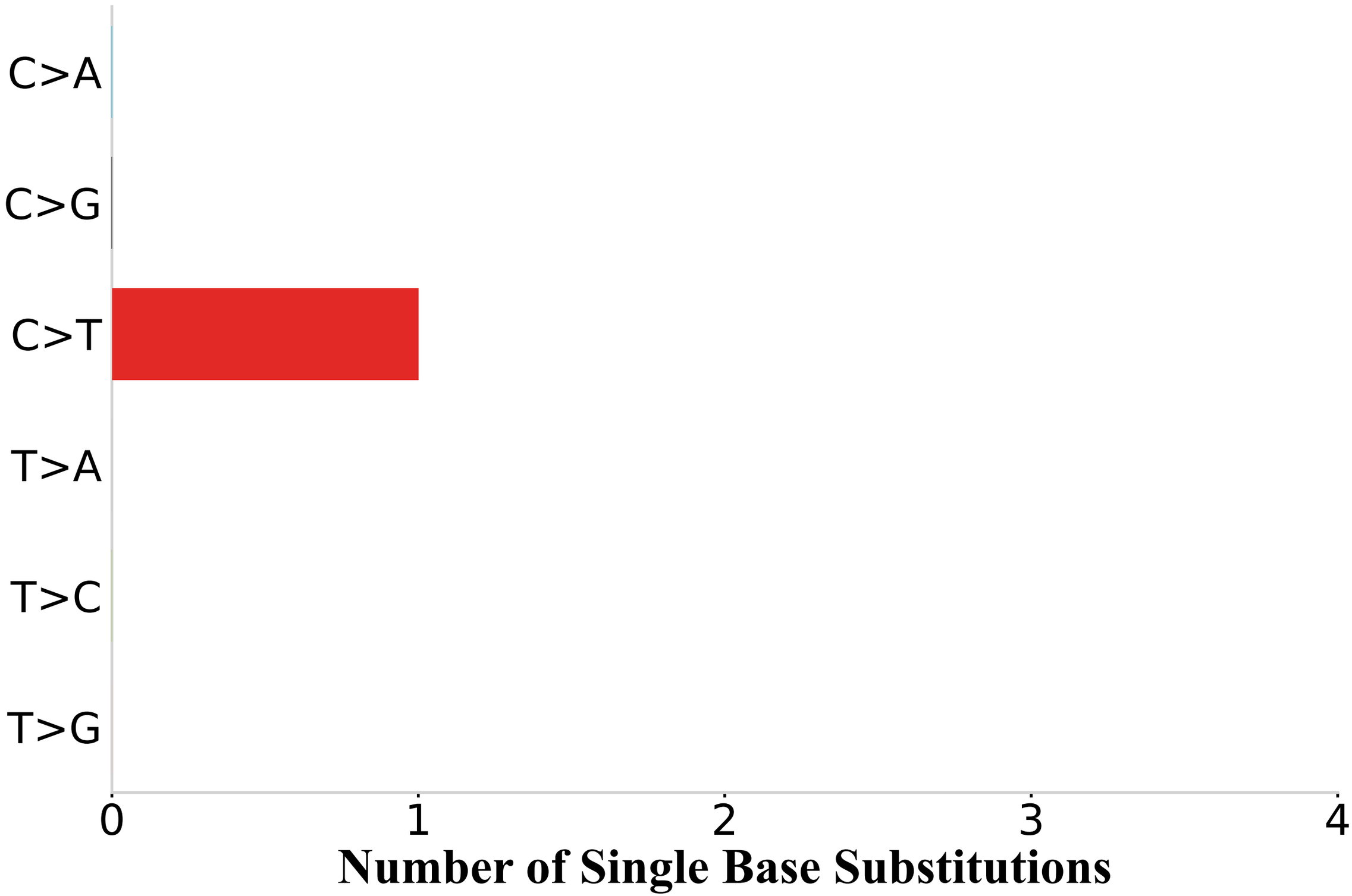


P-0047506-T01-IM6: 1 subs



P-0049196-T01-IM6: 3 subs




P-0049204-T01-IM6: 1 subs
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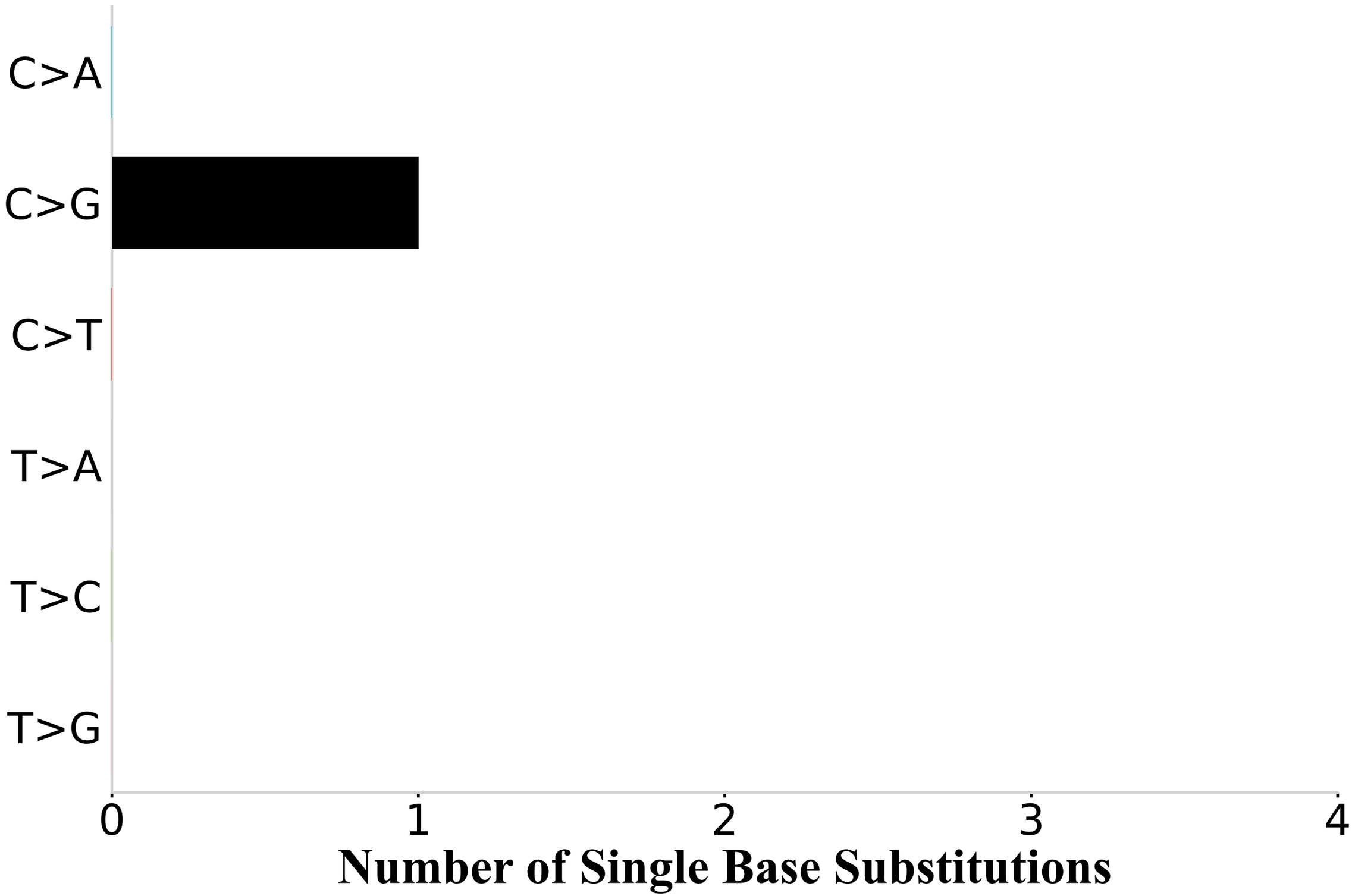
2
3
4
Number of Single Base Substitutions

P-0049844-T01-IM6: 1 subs