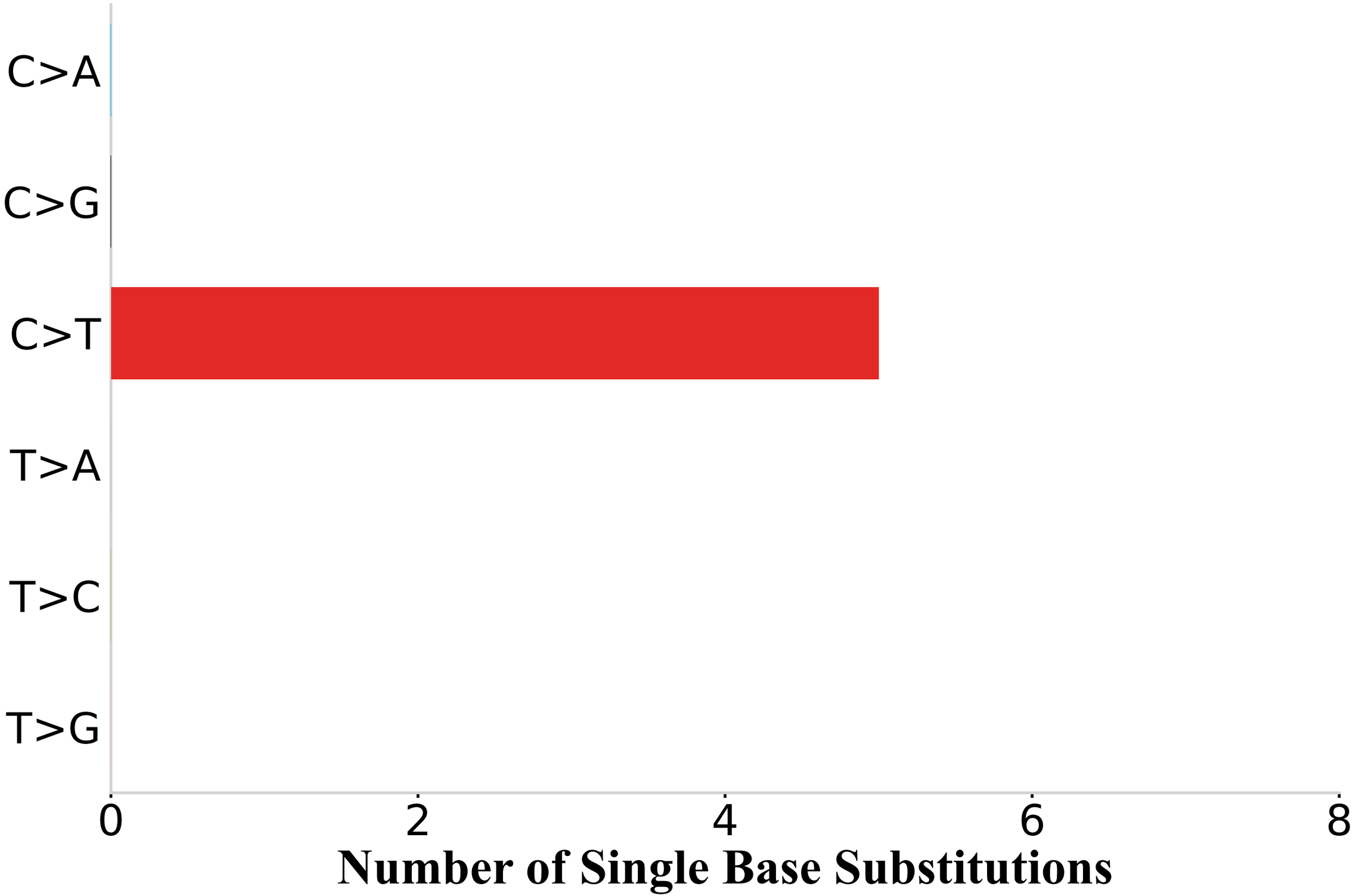
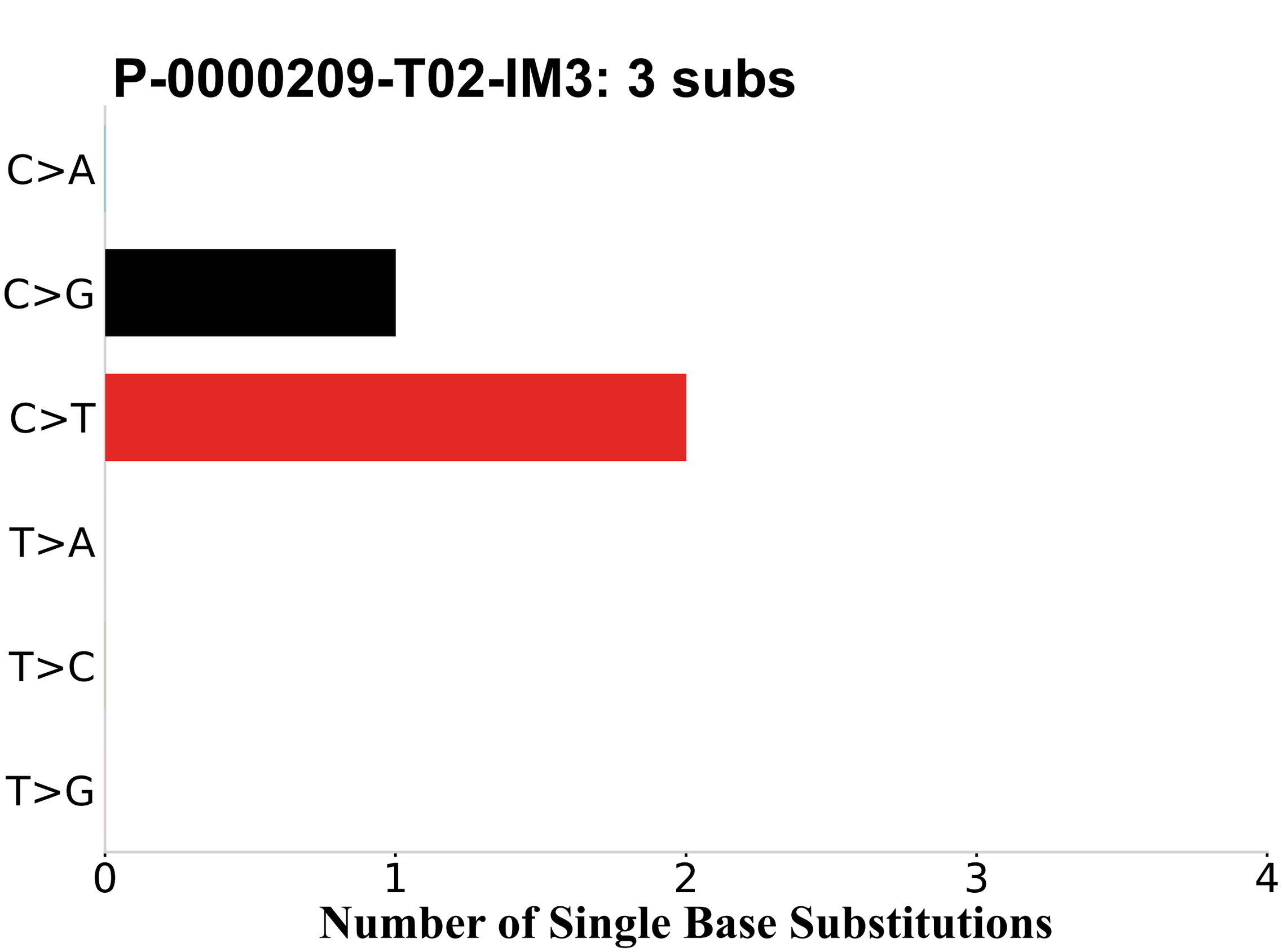
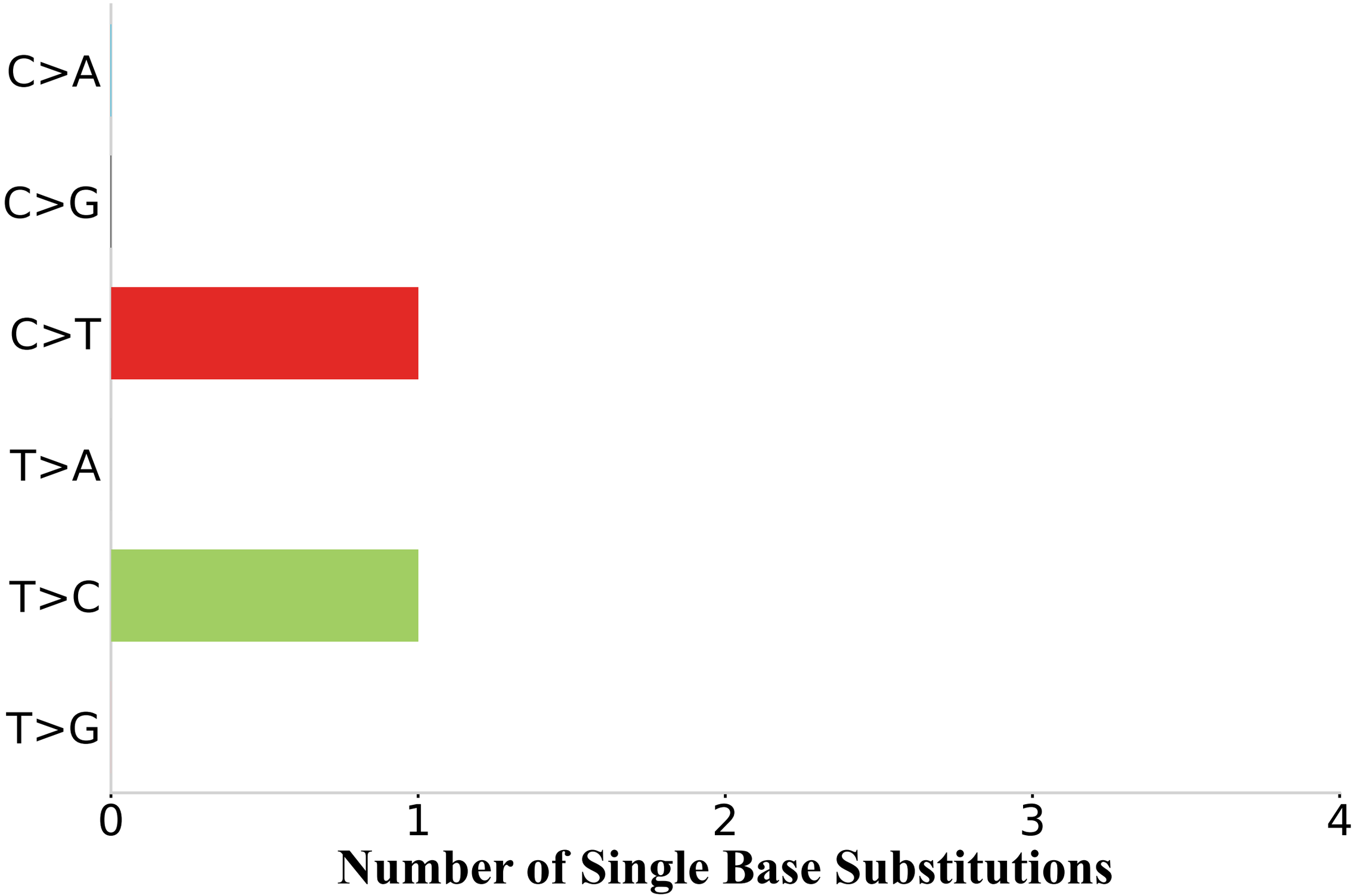
P-0000196-T01-IM3: 5 subs

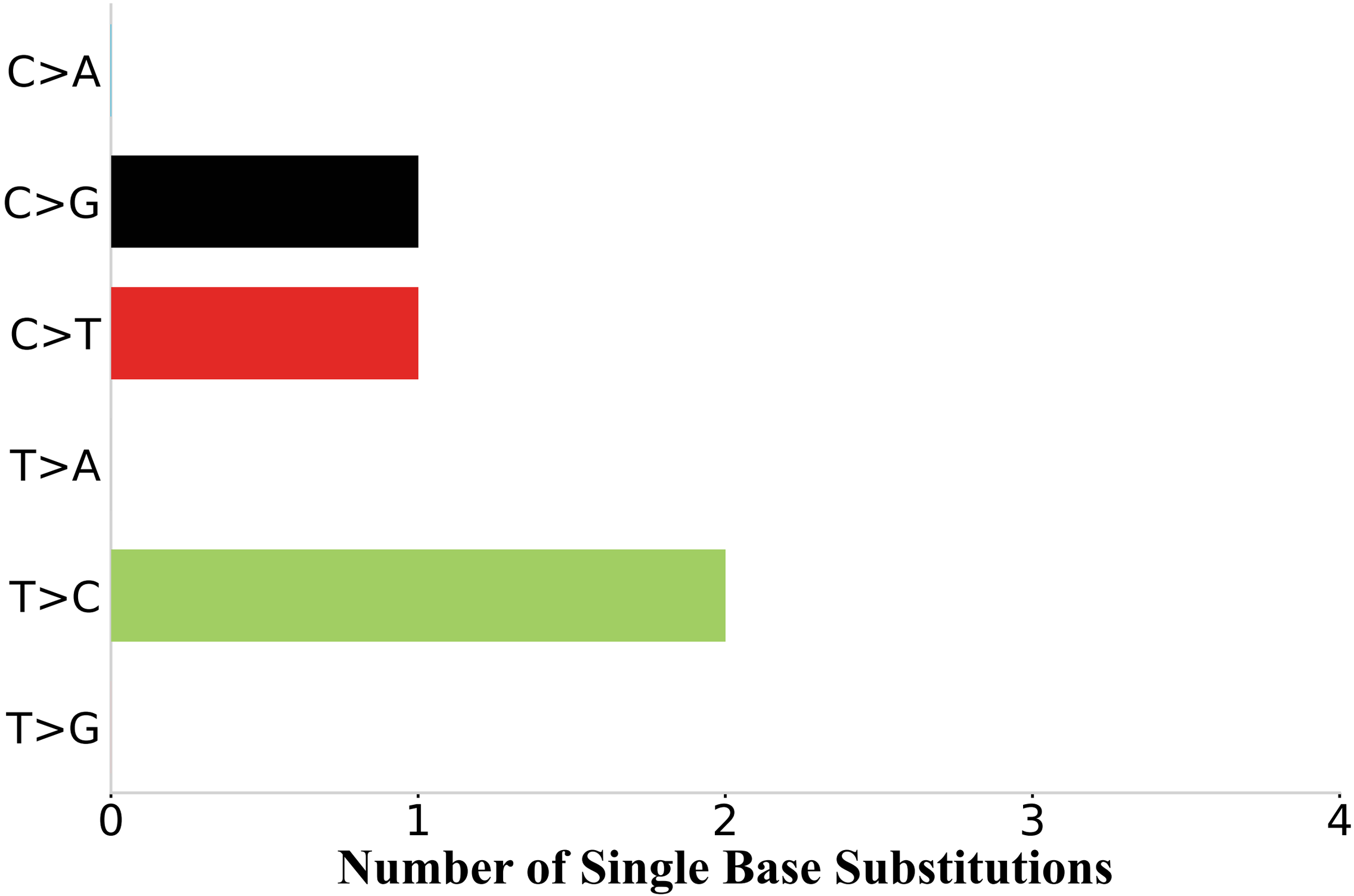


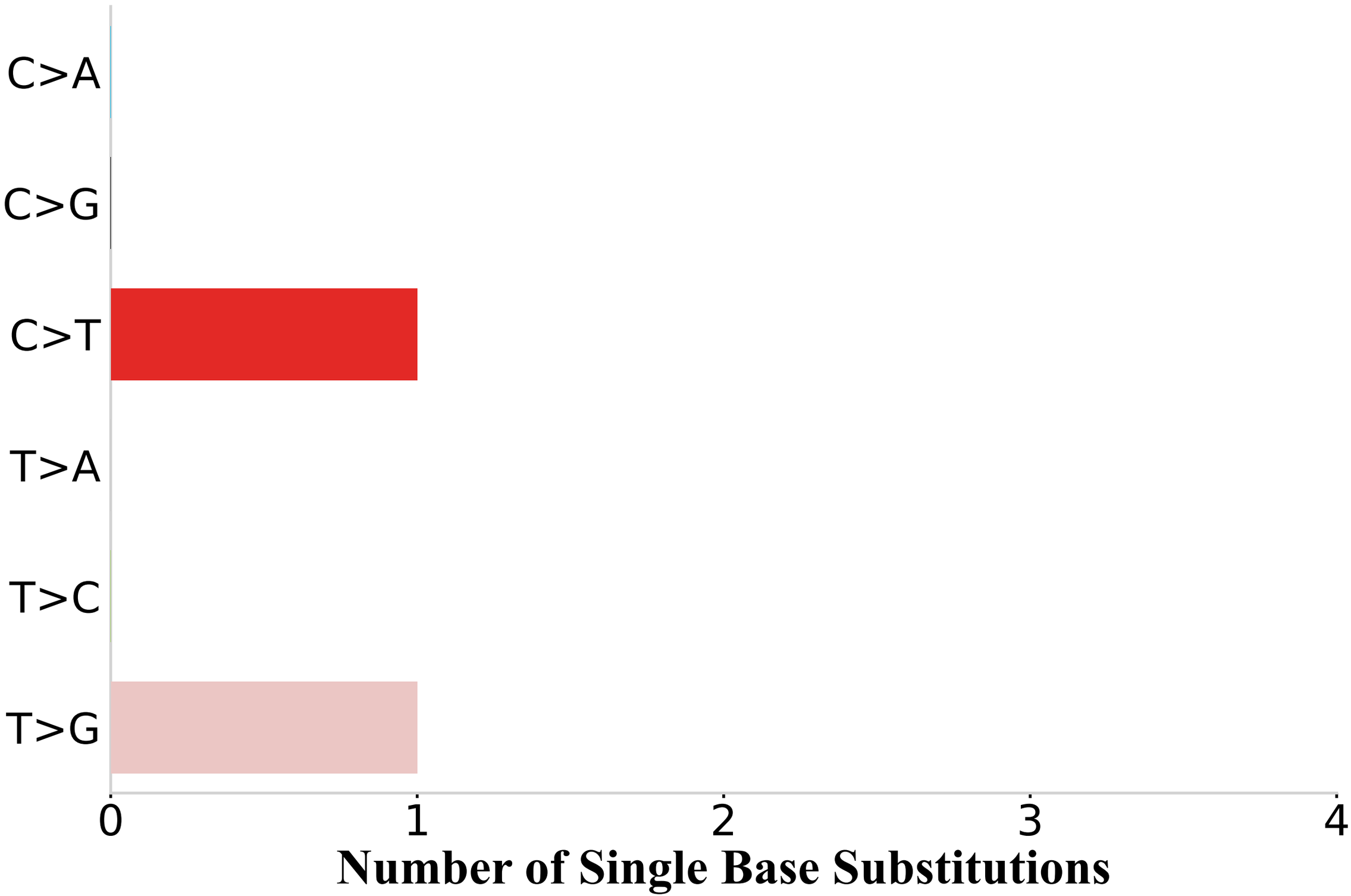

P-0000209-T02-IM3: 3 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

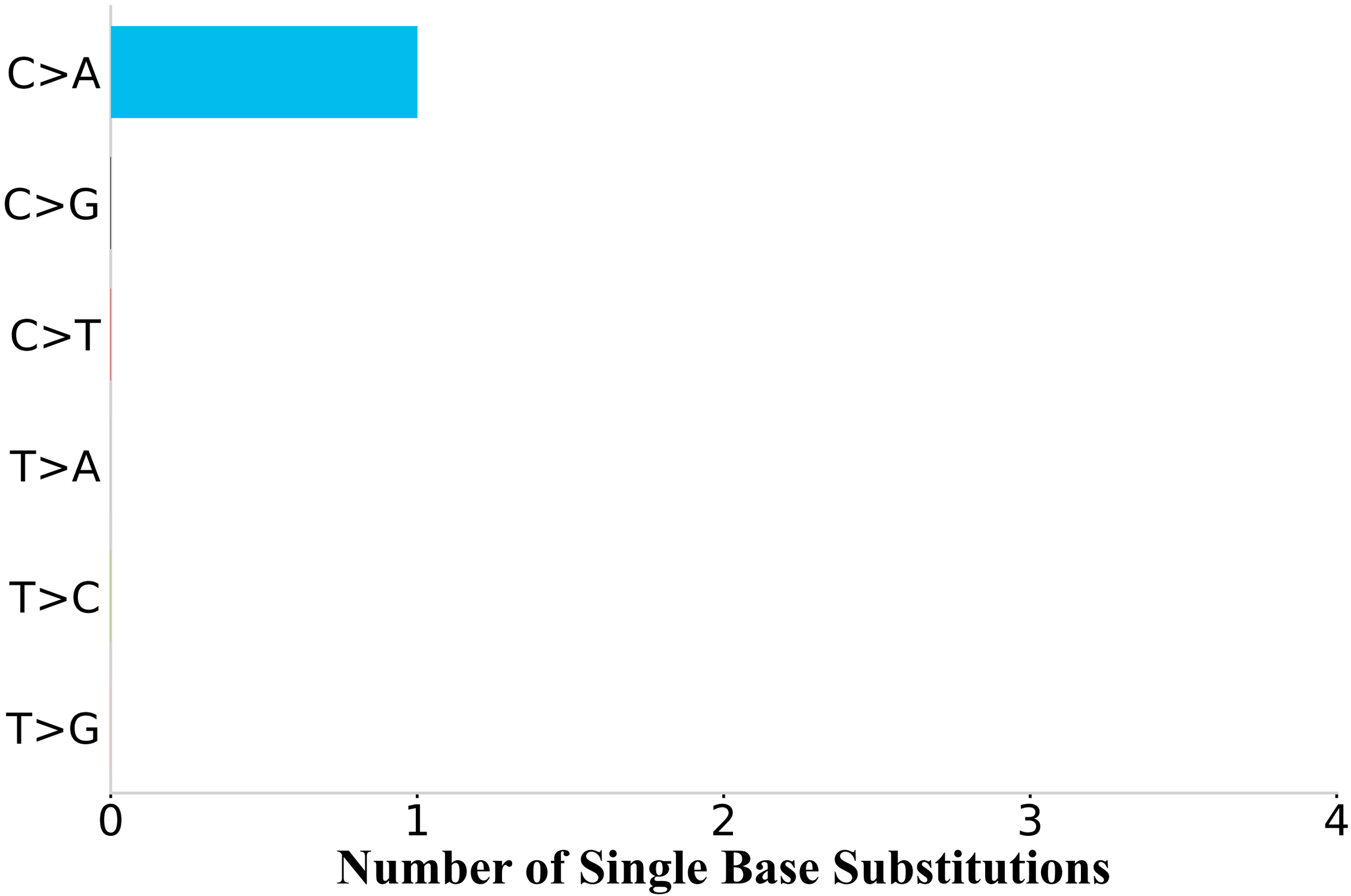
P-0000214-T01-IM3: 2 subs

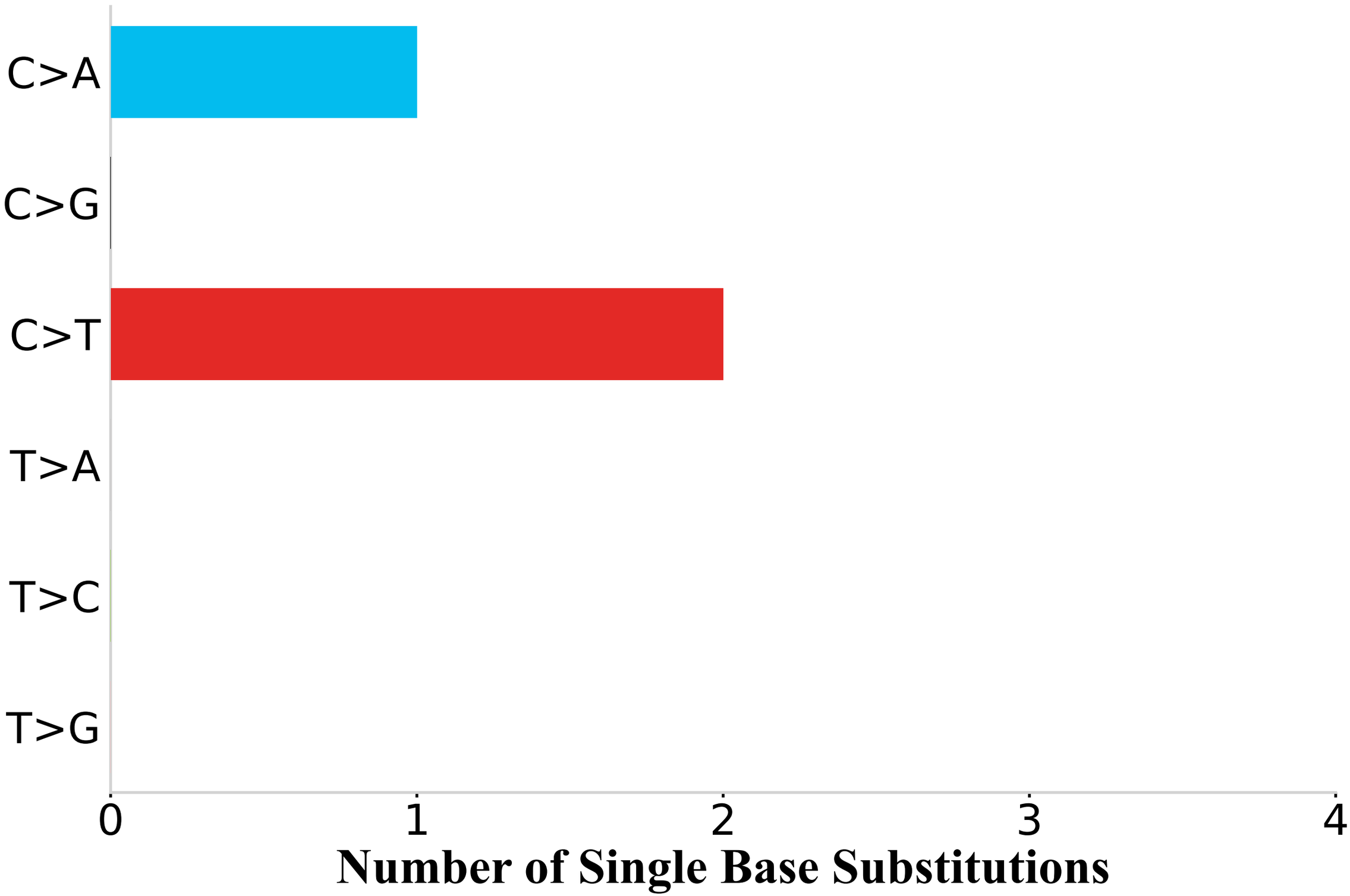


P-0000275-T01-IM3: 4 subs

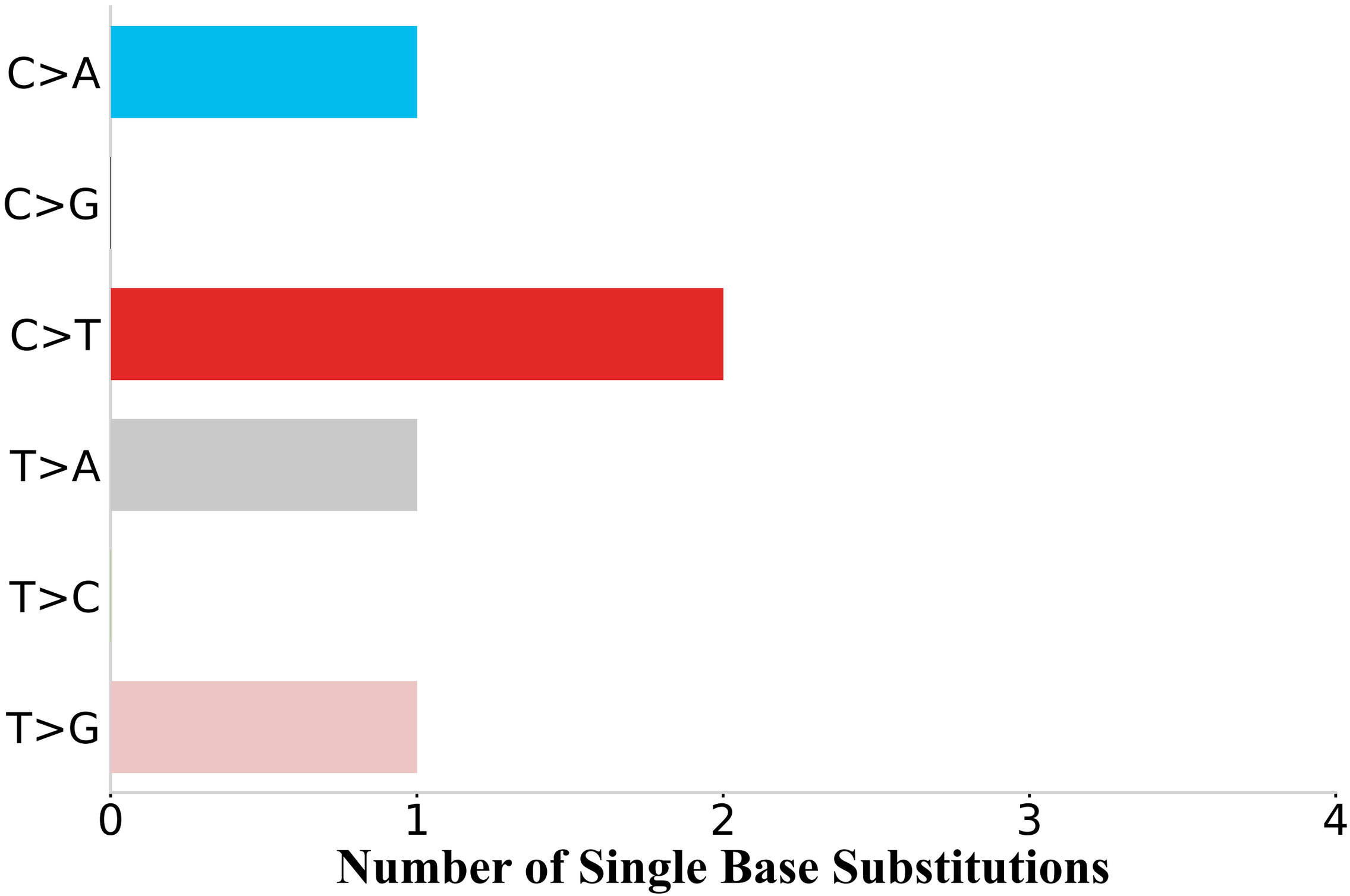



P-0000335-T01-IM3: 2 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

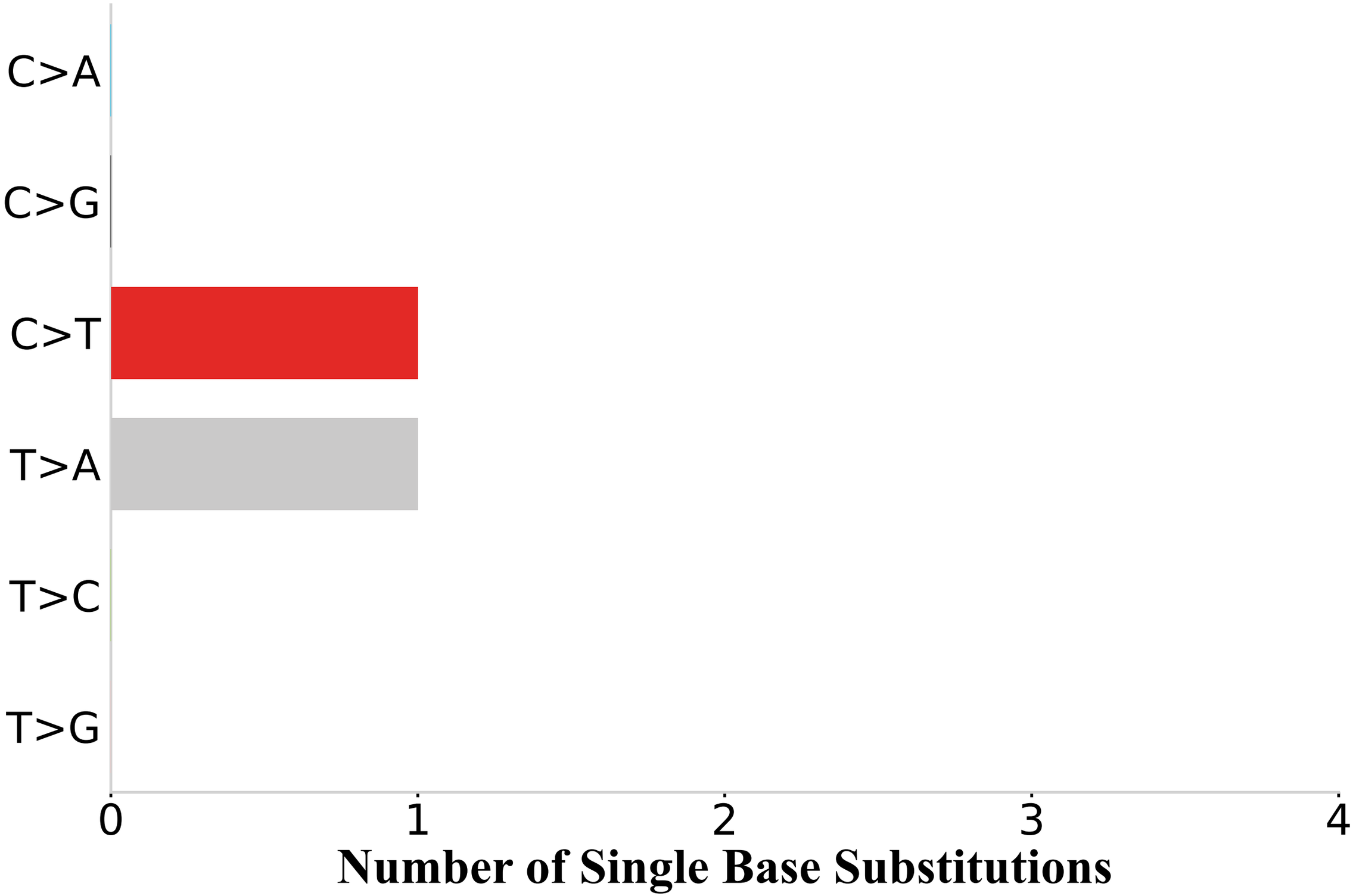

P-0000341-T01-IM3: 1 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

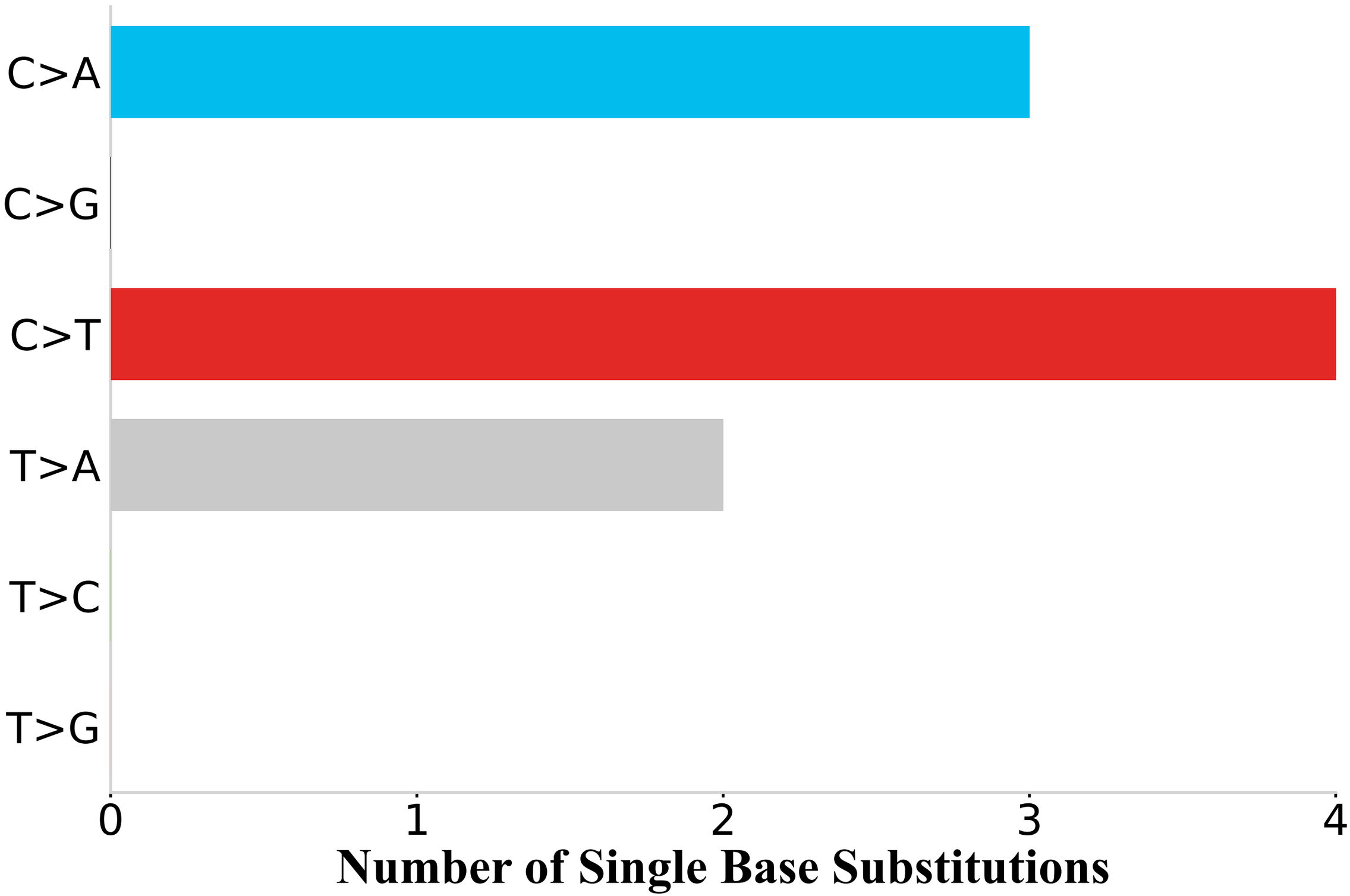

P-0000345-T01-IM3: 3 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

P-0000353-T01-IM3: 2 subs

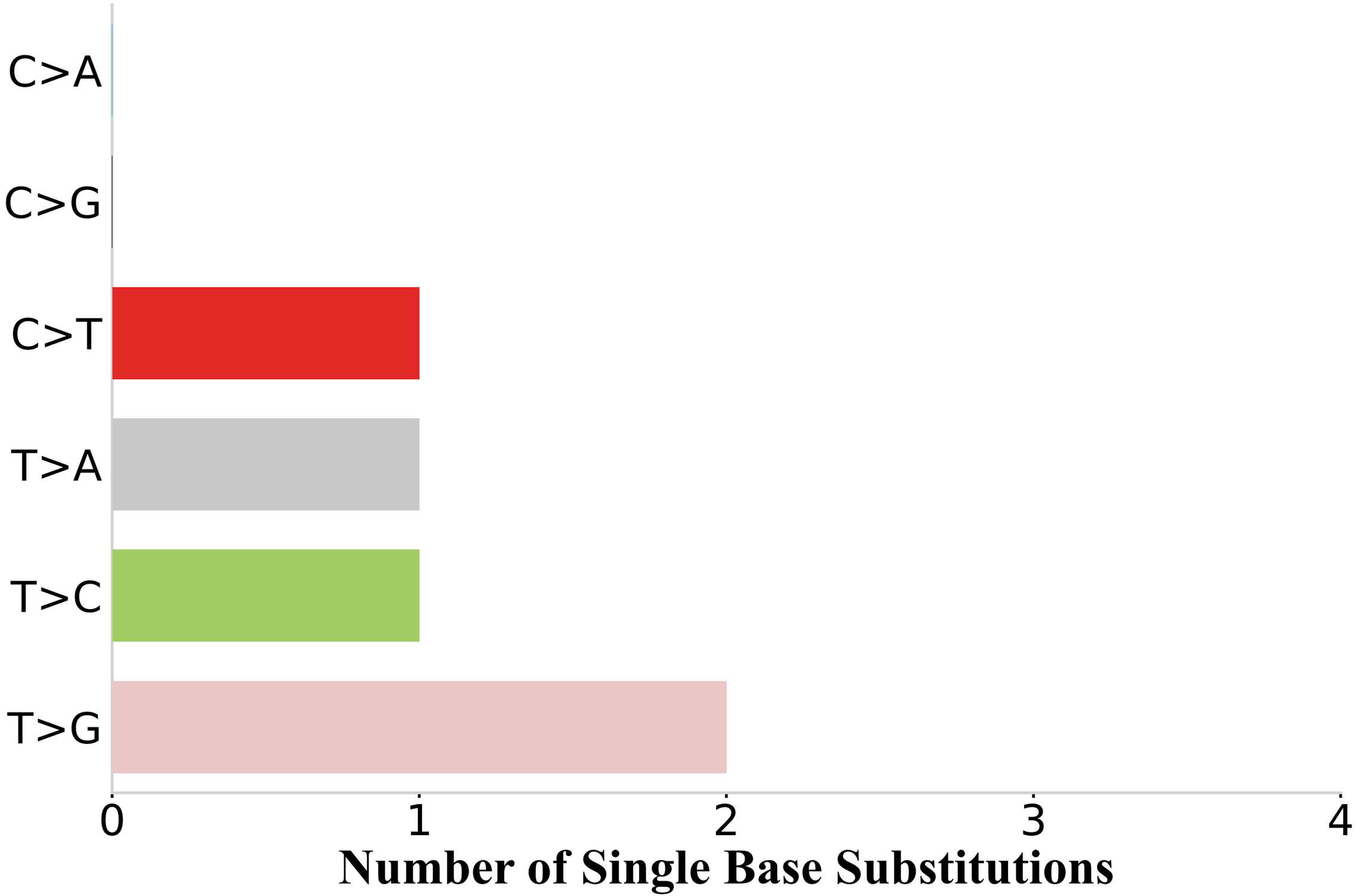

P-0000407-T01-IM3: 5 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

P-0000447-T01-IM3: 2 subs

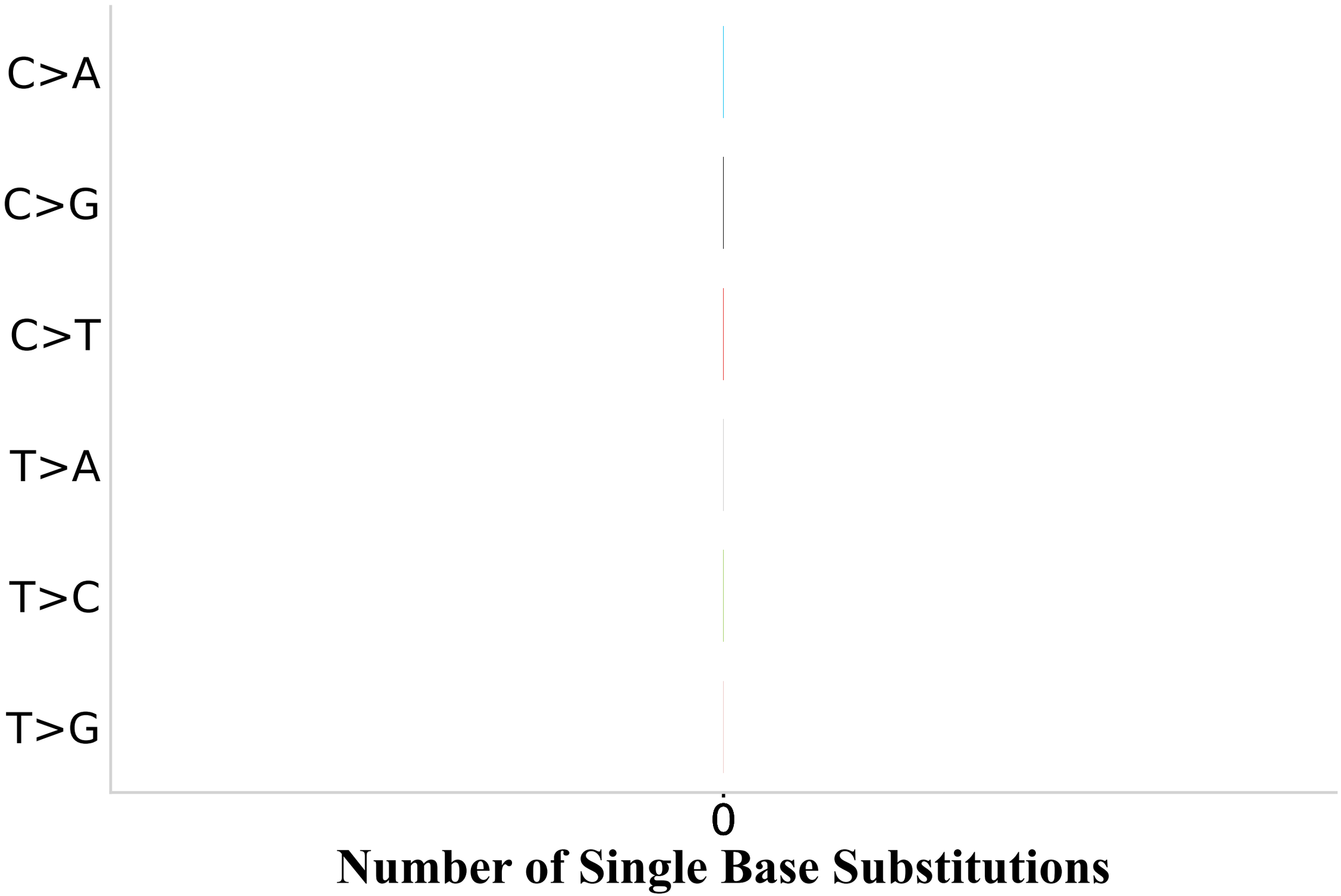


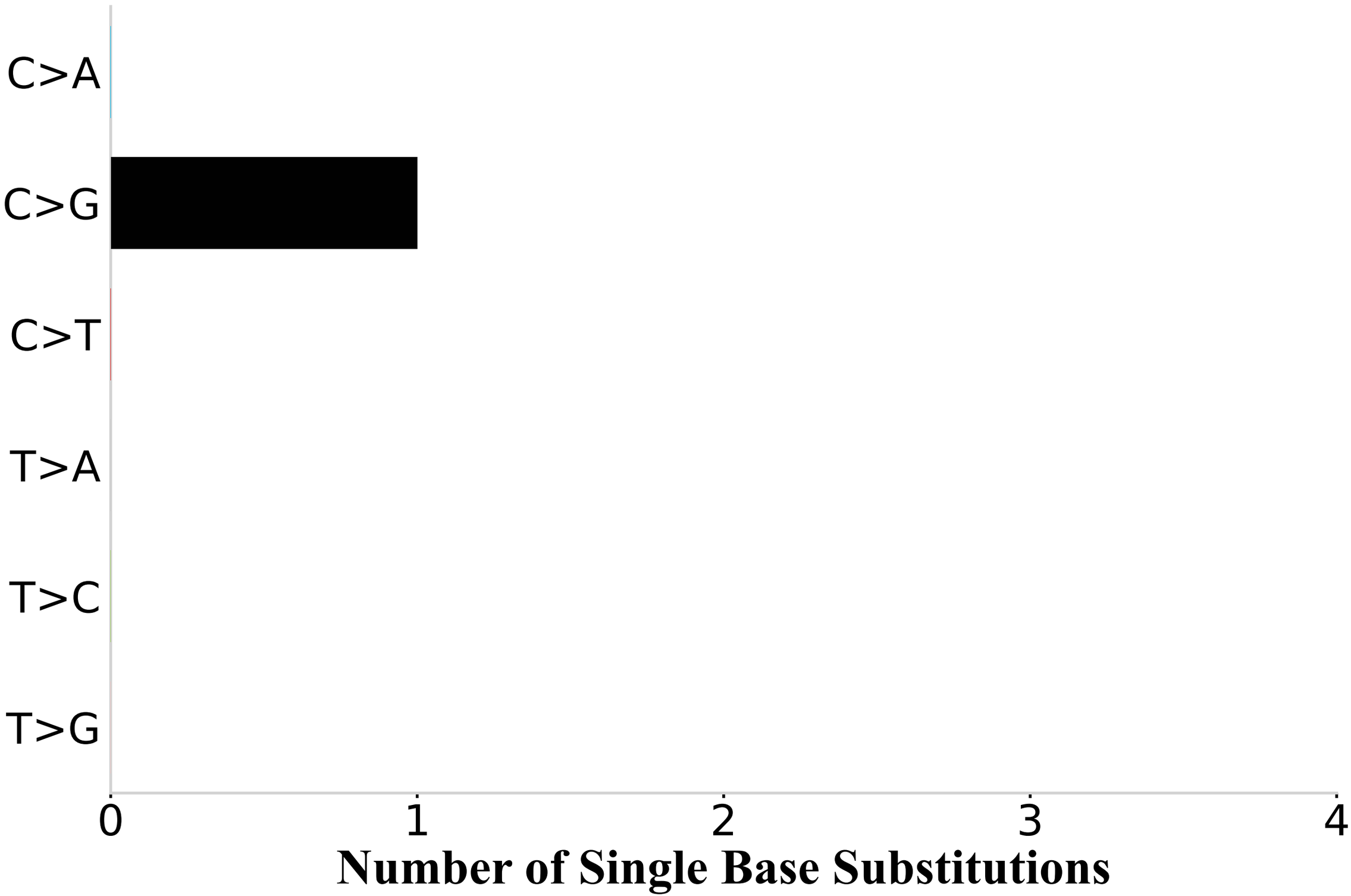

P-0000517-T01-IM3: 9 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

P-0000542-T01-IM3: 5 subs

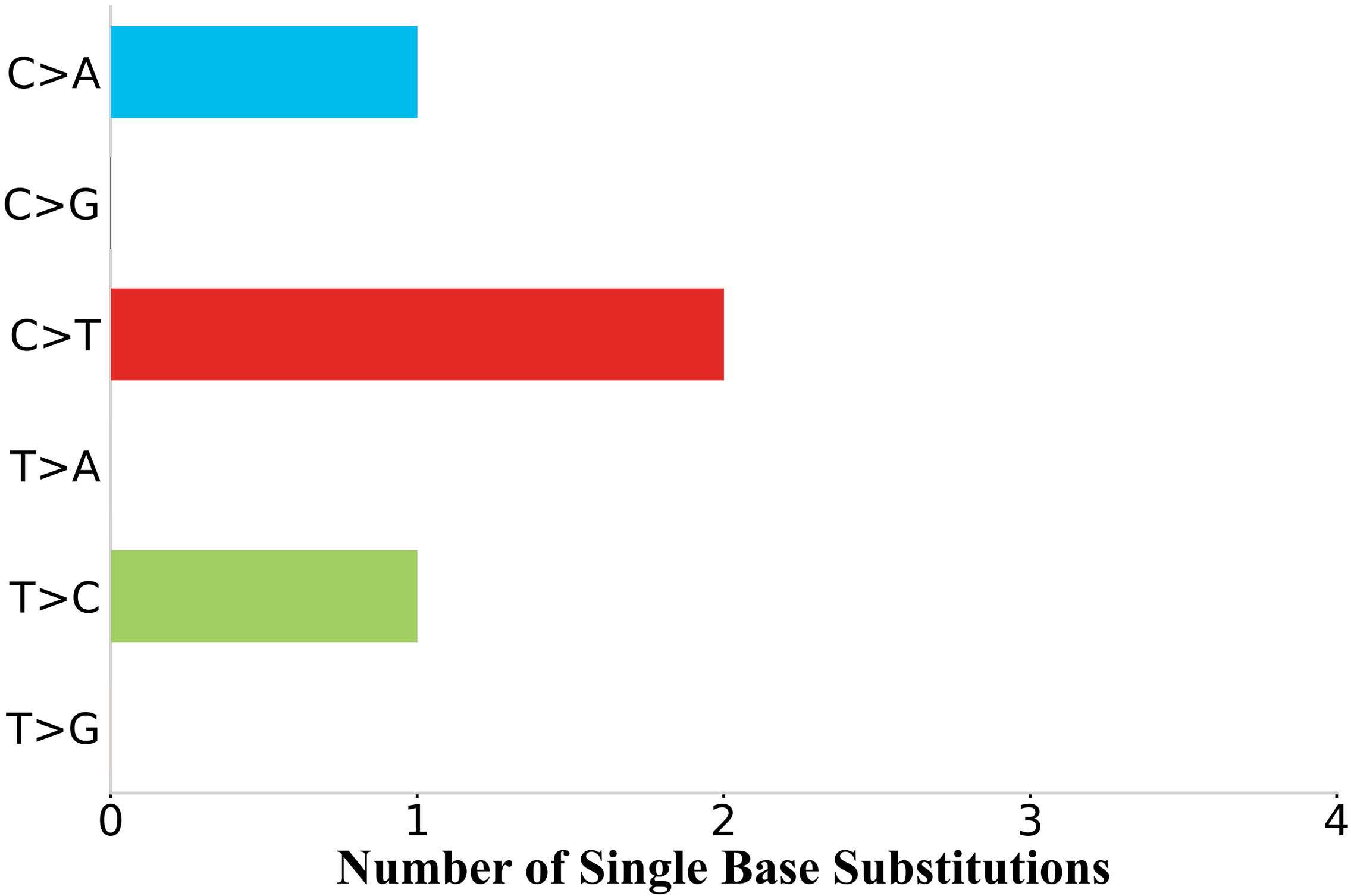


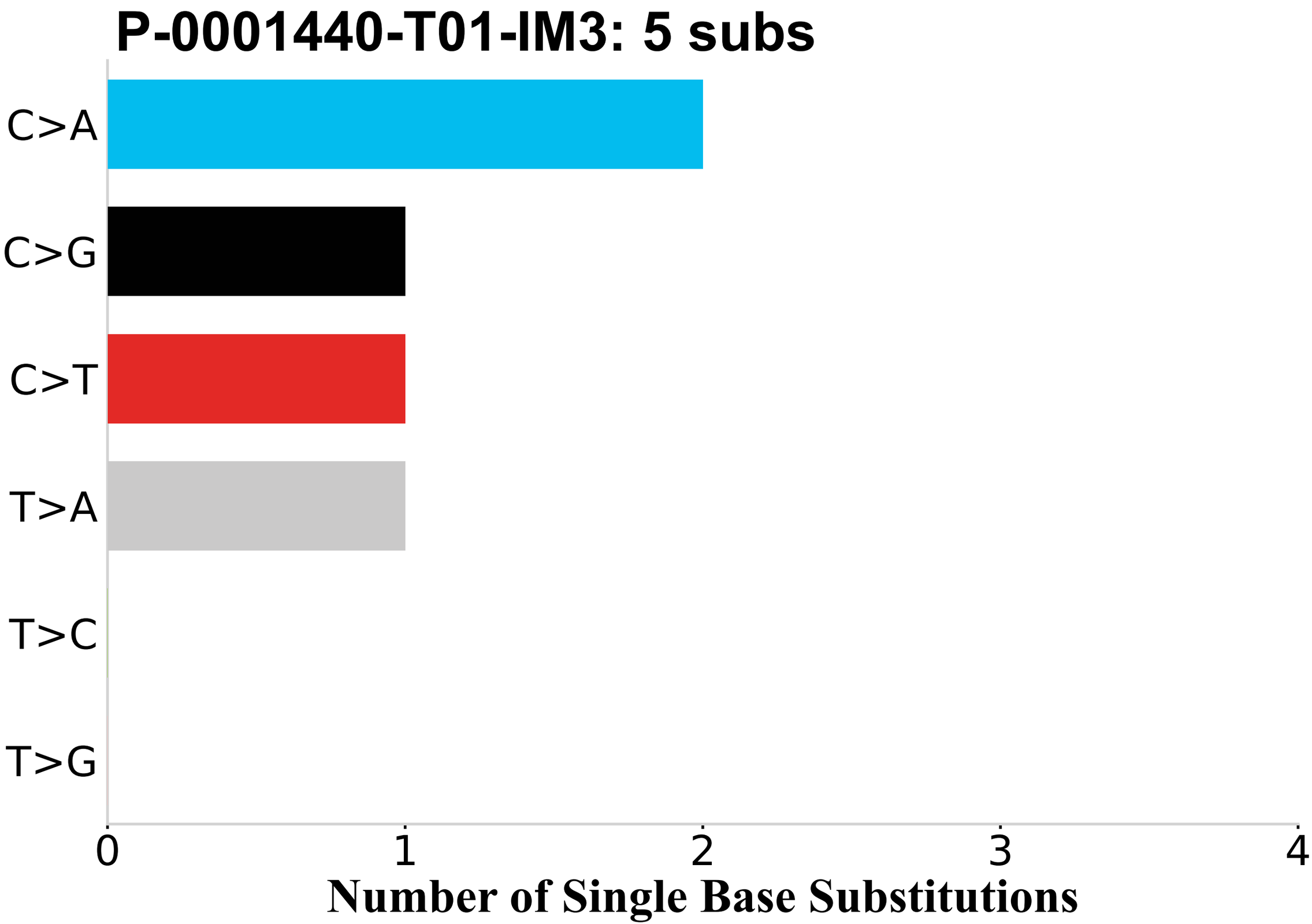
P-0000804-T01-IM3: 0 subs



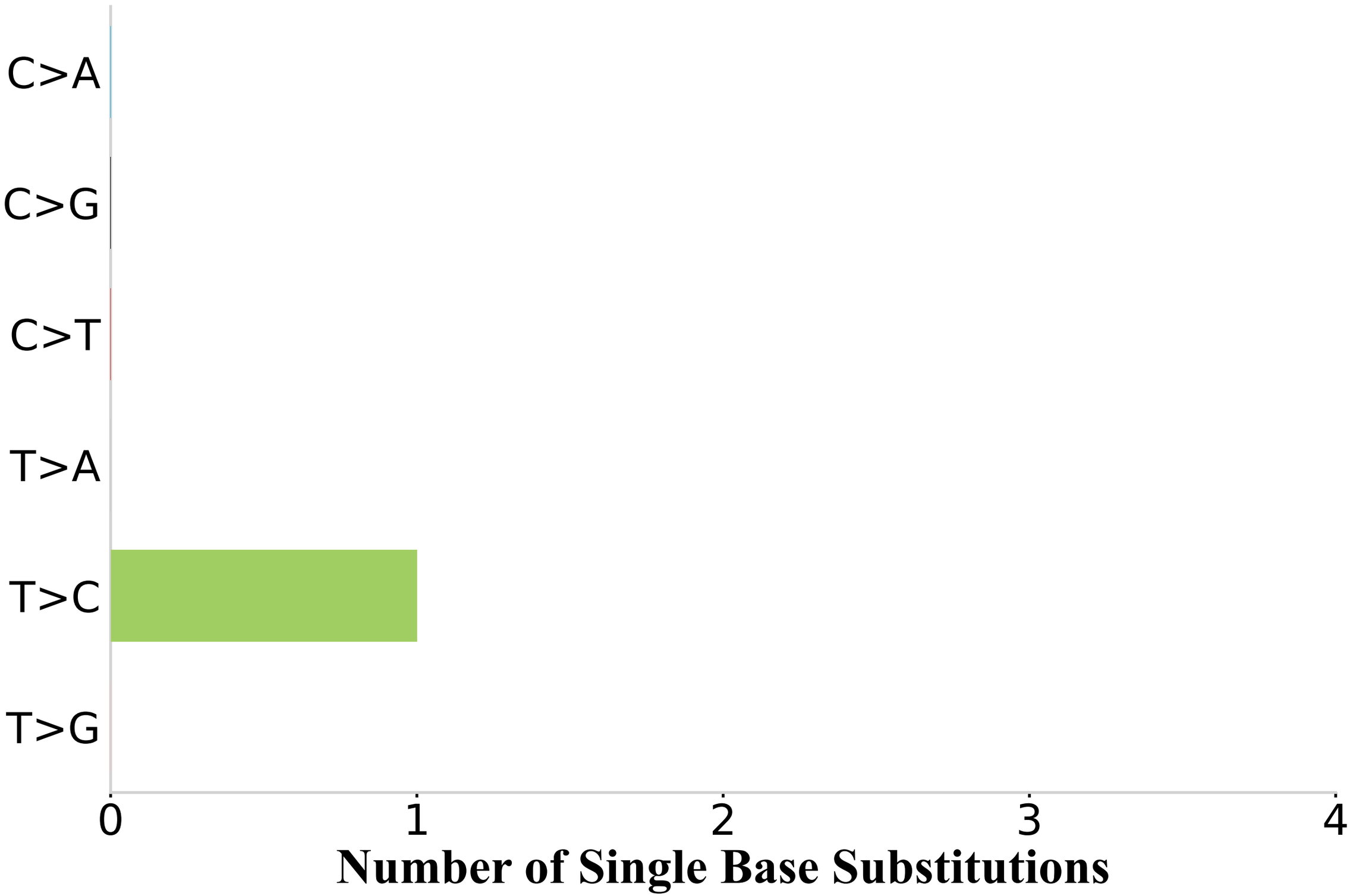

P-0001312-T01-IM3: 1 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

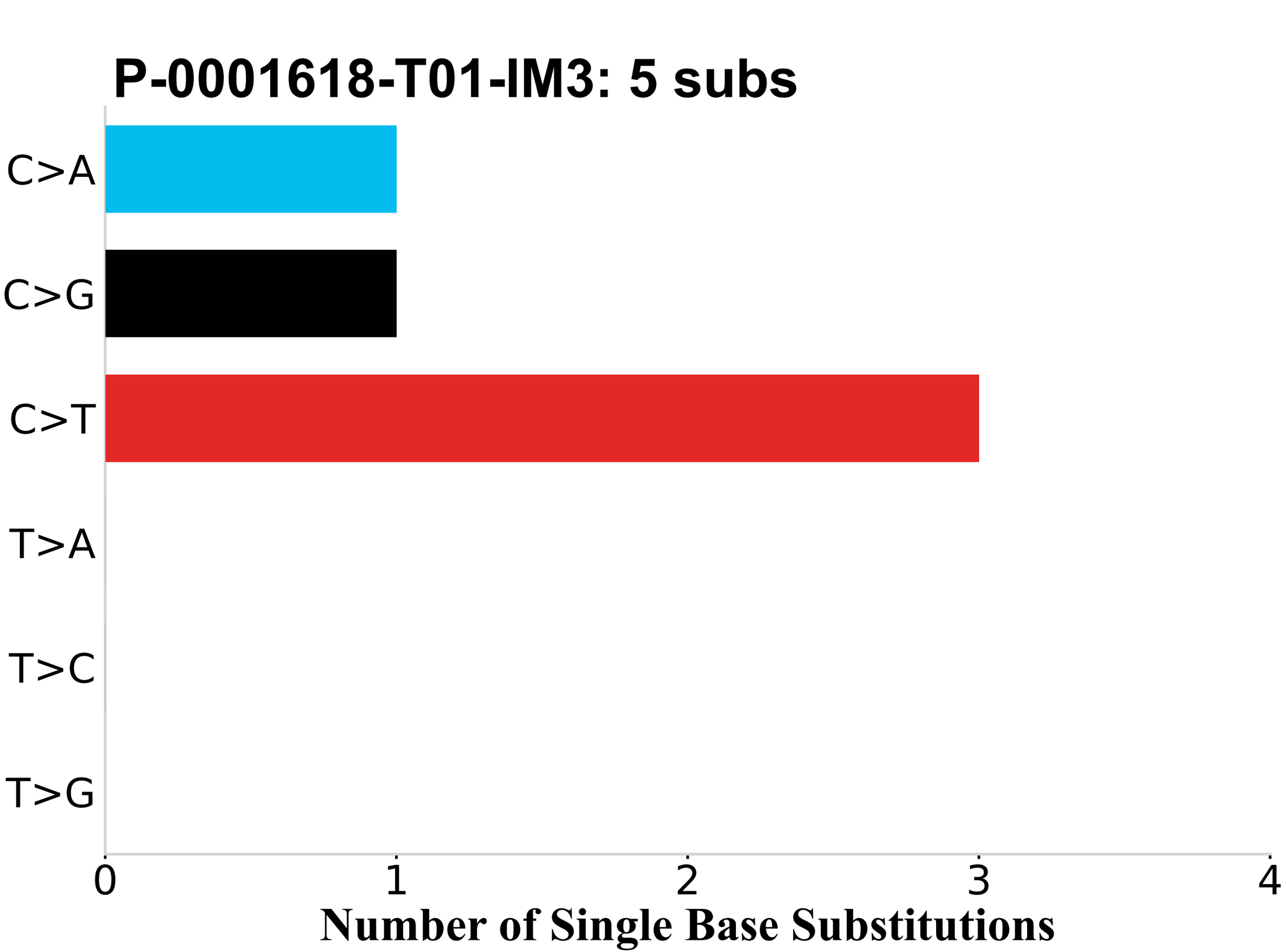
P-0001331-T01-IM3: 4 subs

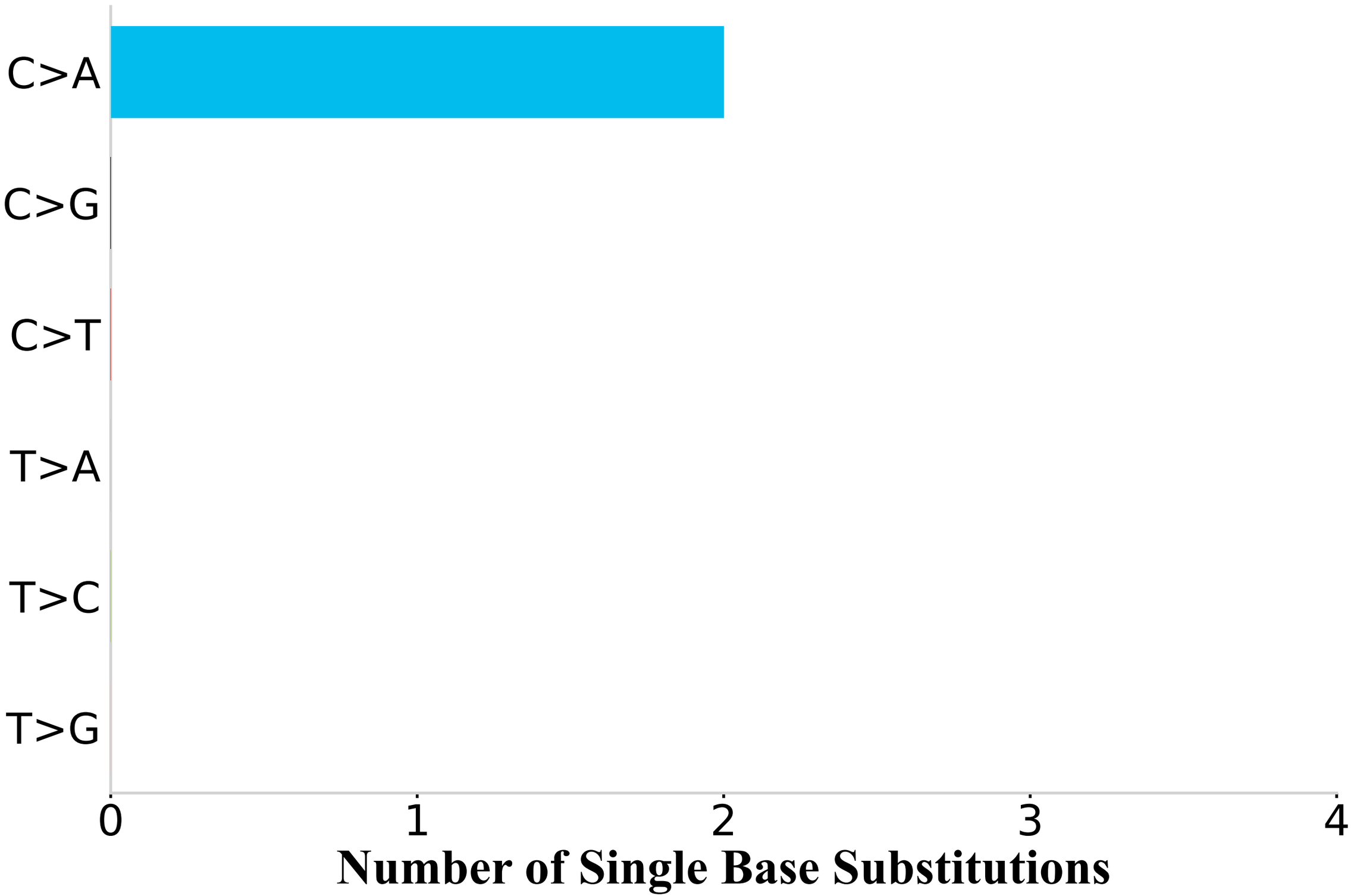



P-0001440-T01-IM3: 5 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

P-0001536-T01-IM3: 1 subs

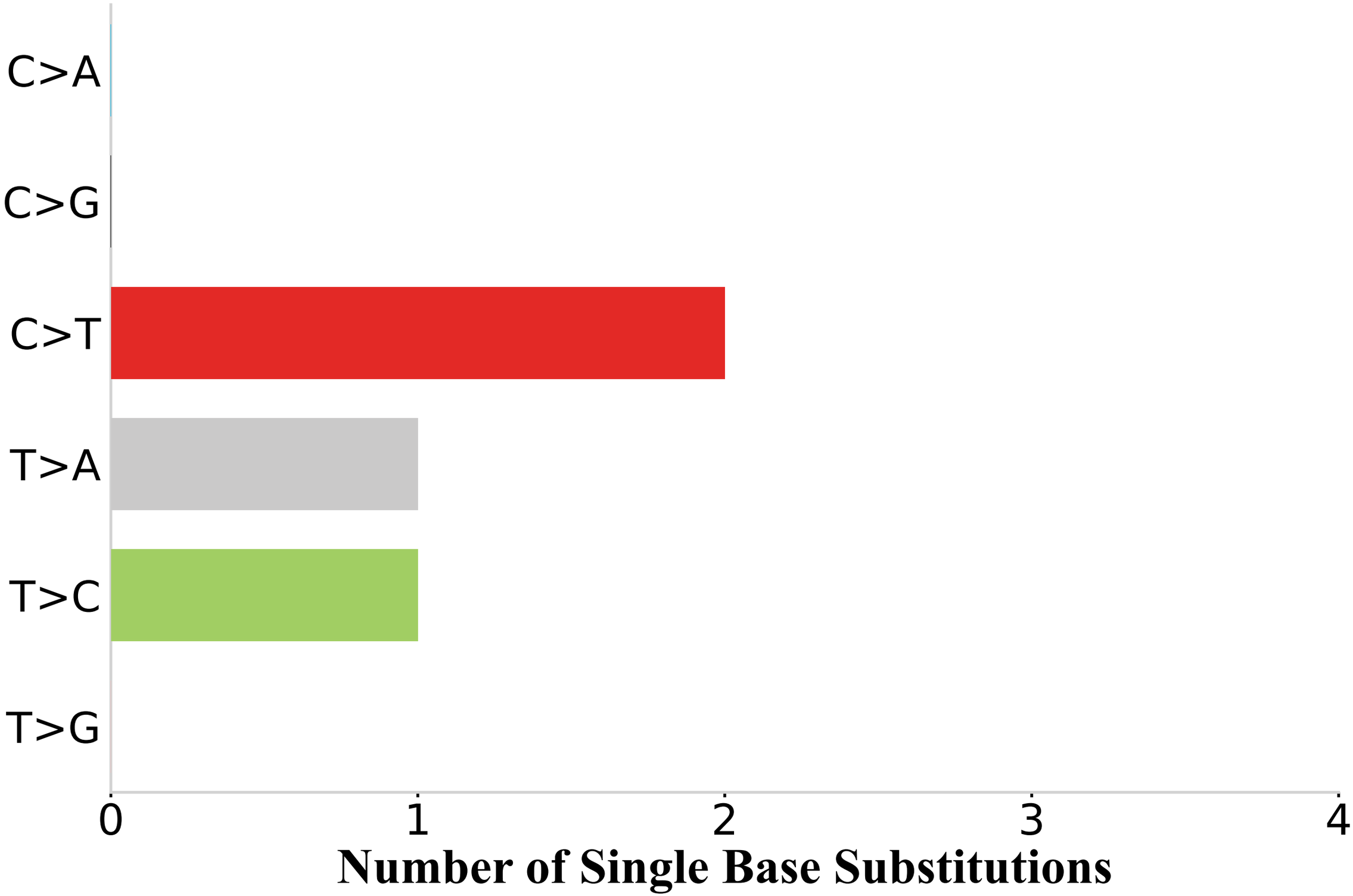


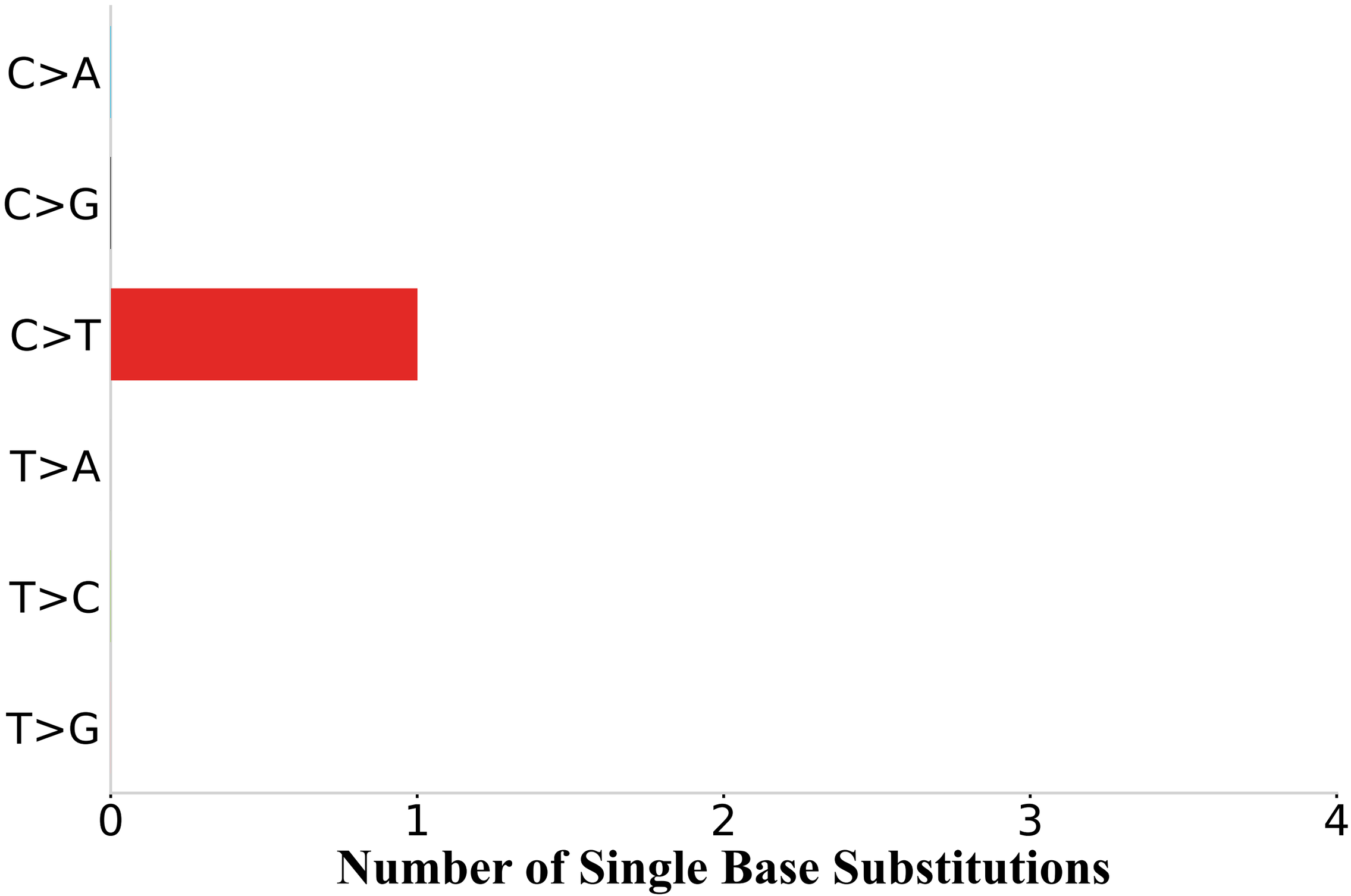

P-0001618-T01-IM3: 5 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

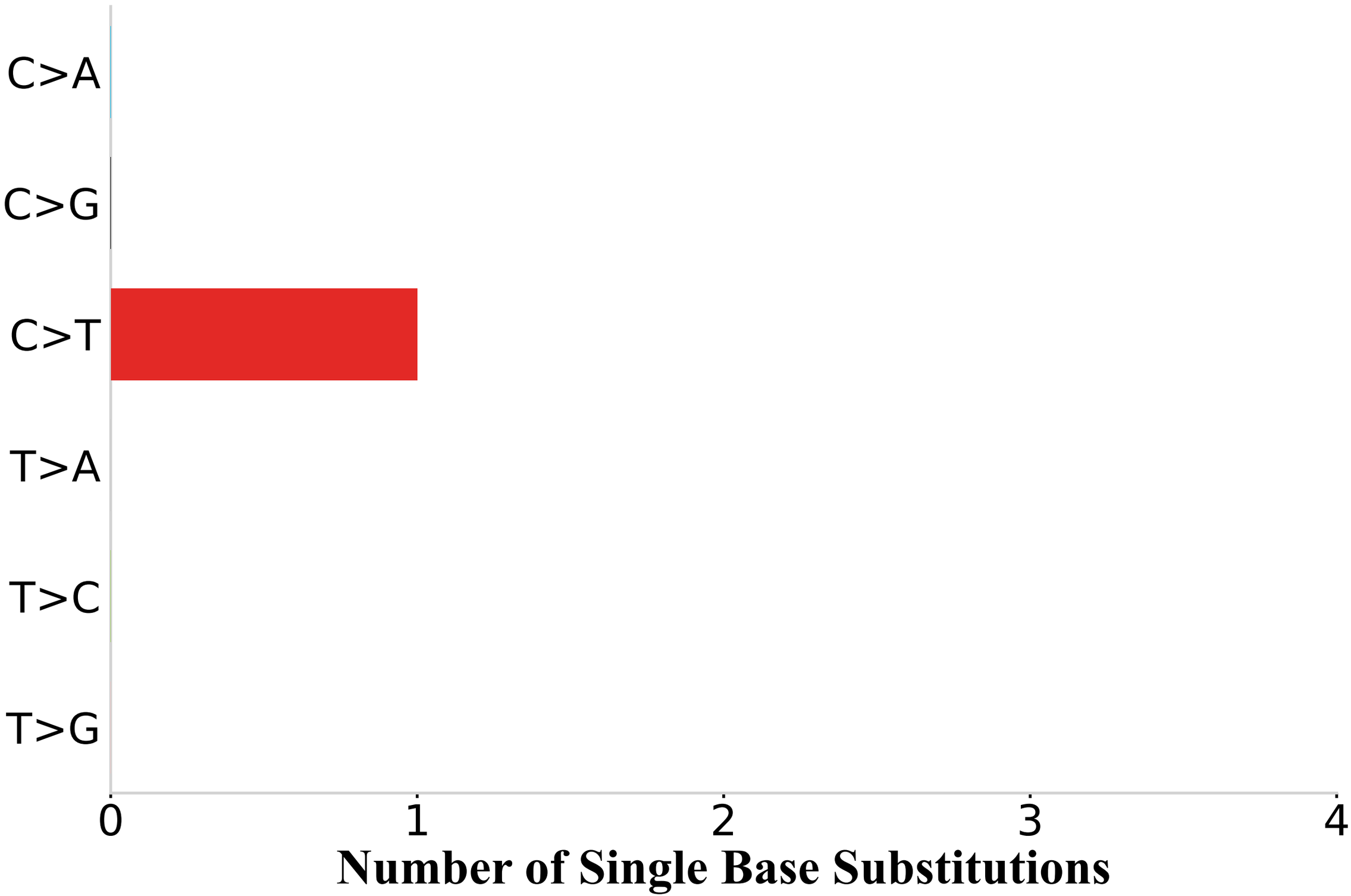

P-0001635-T01-IM3: 2 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

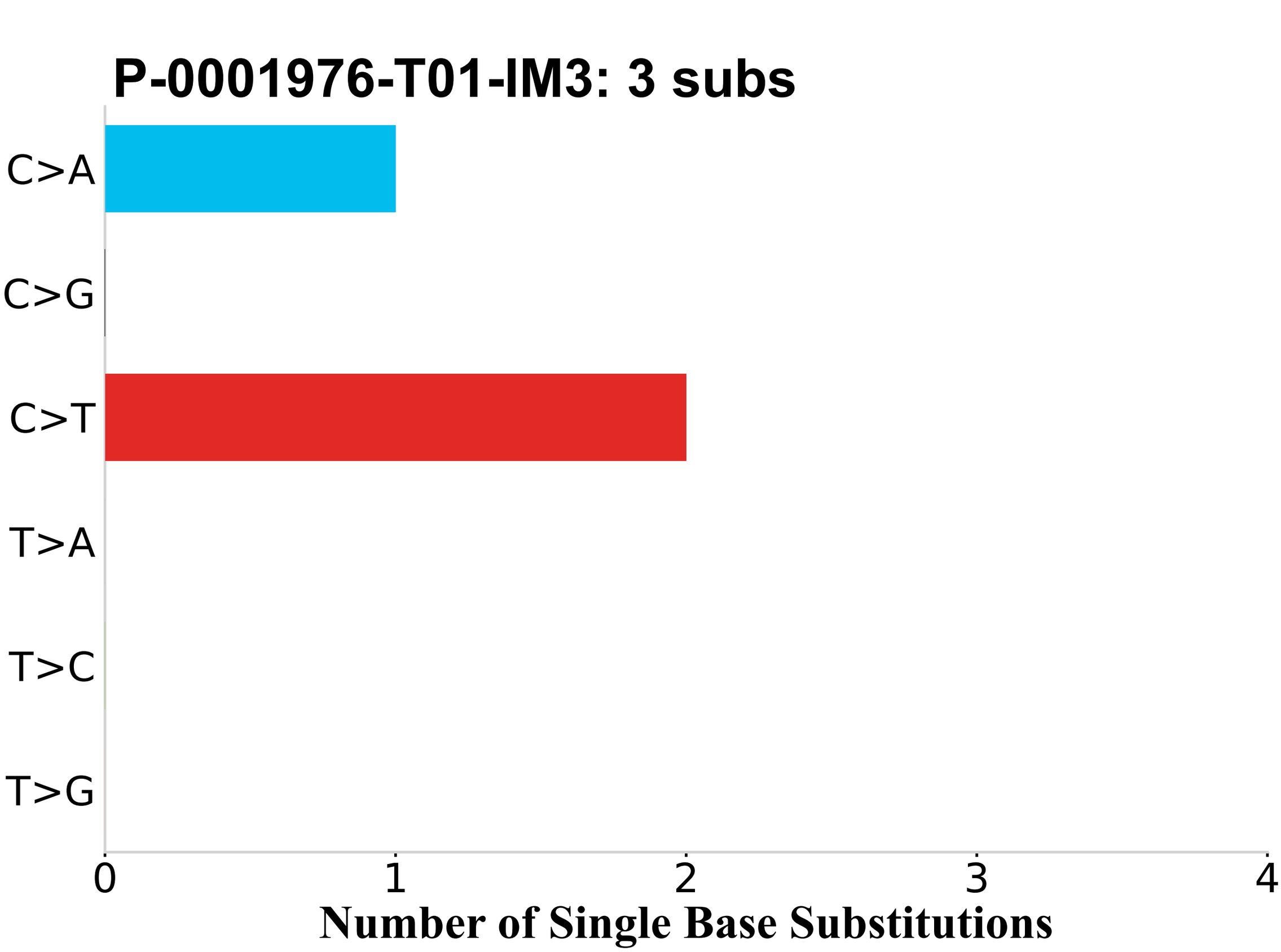
P-0001696-T01-IM3: 3 subs

P-0001784-T01-IM3: 4 subs

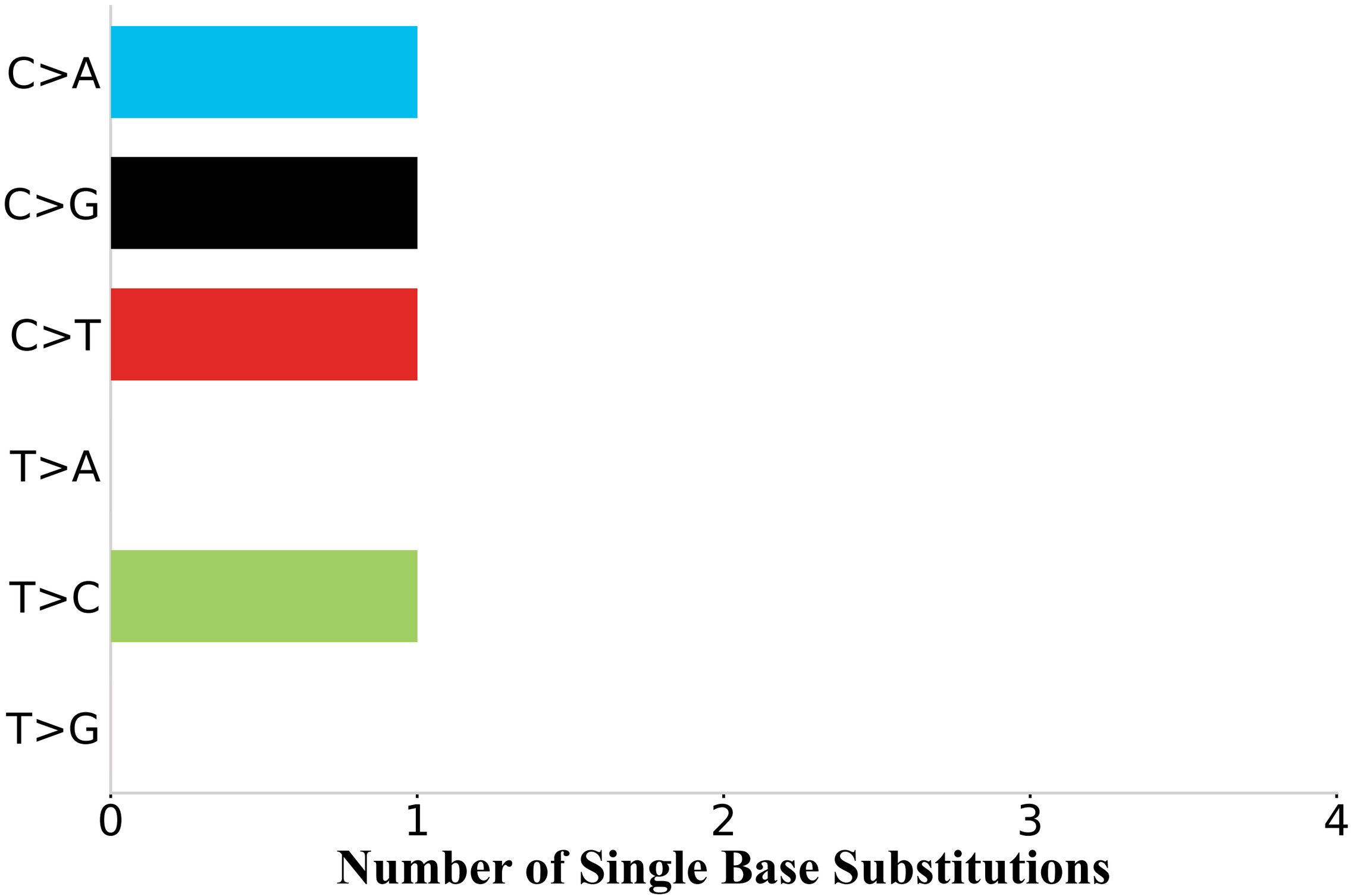



P-0001906-T01-IM3: 1 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

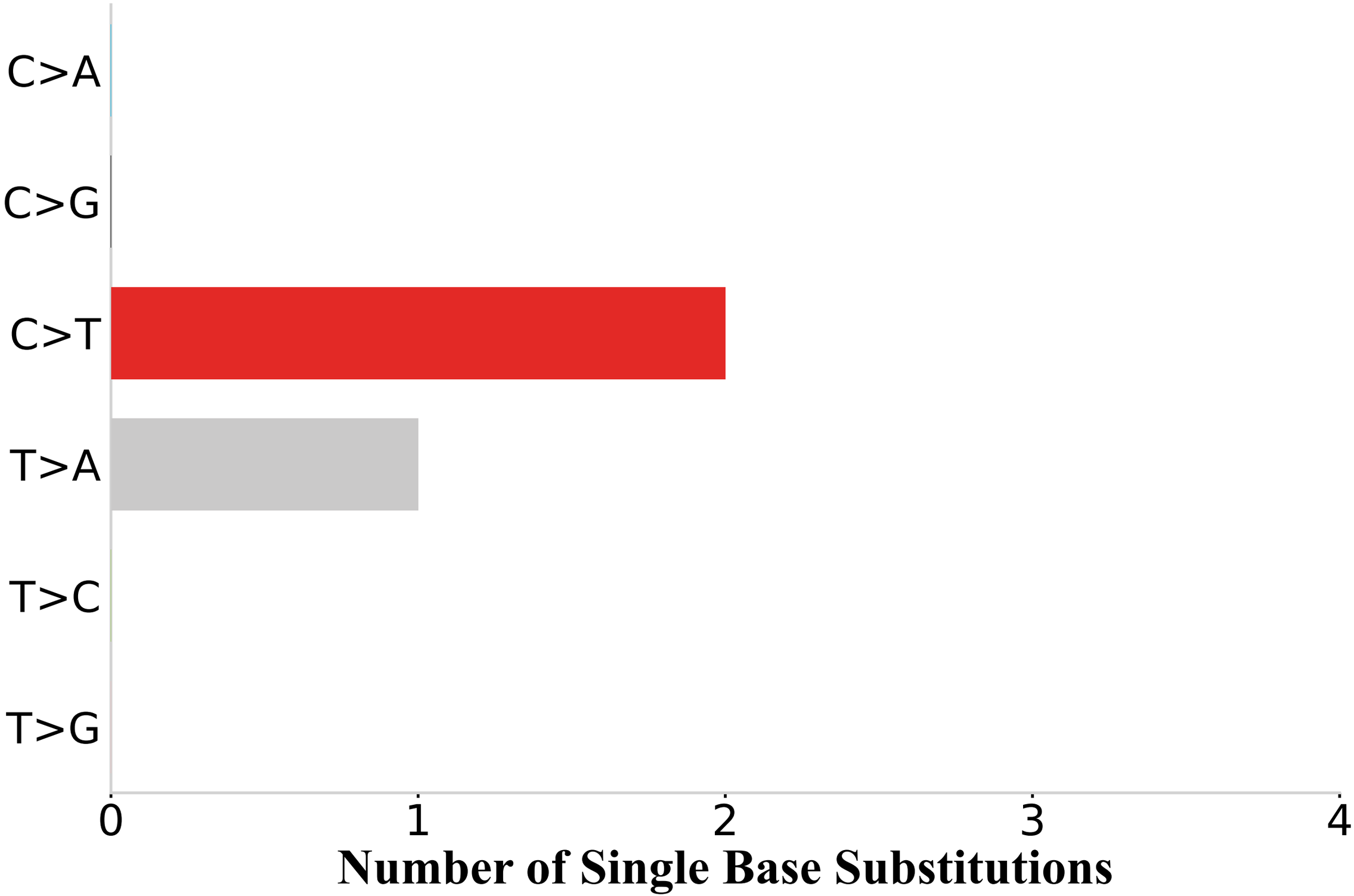

P-0001941-T02-IM3: 1 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions


P-0001976-T01-IM3: 3 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

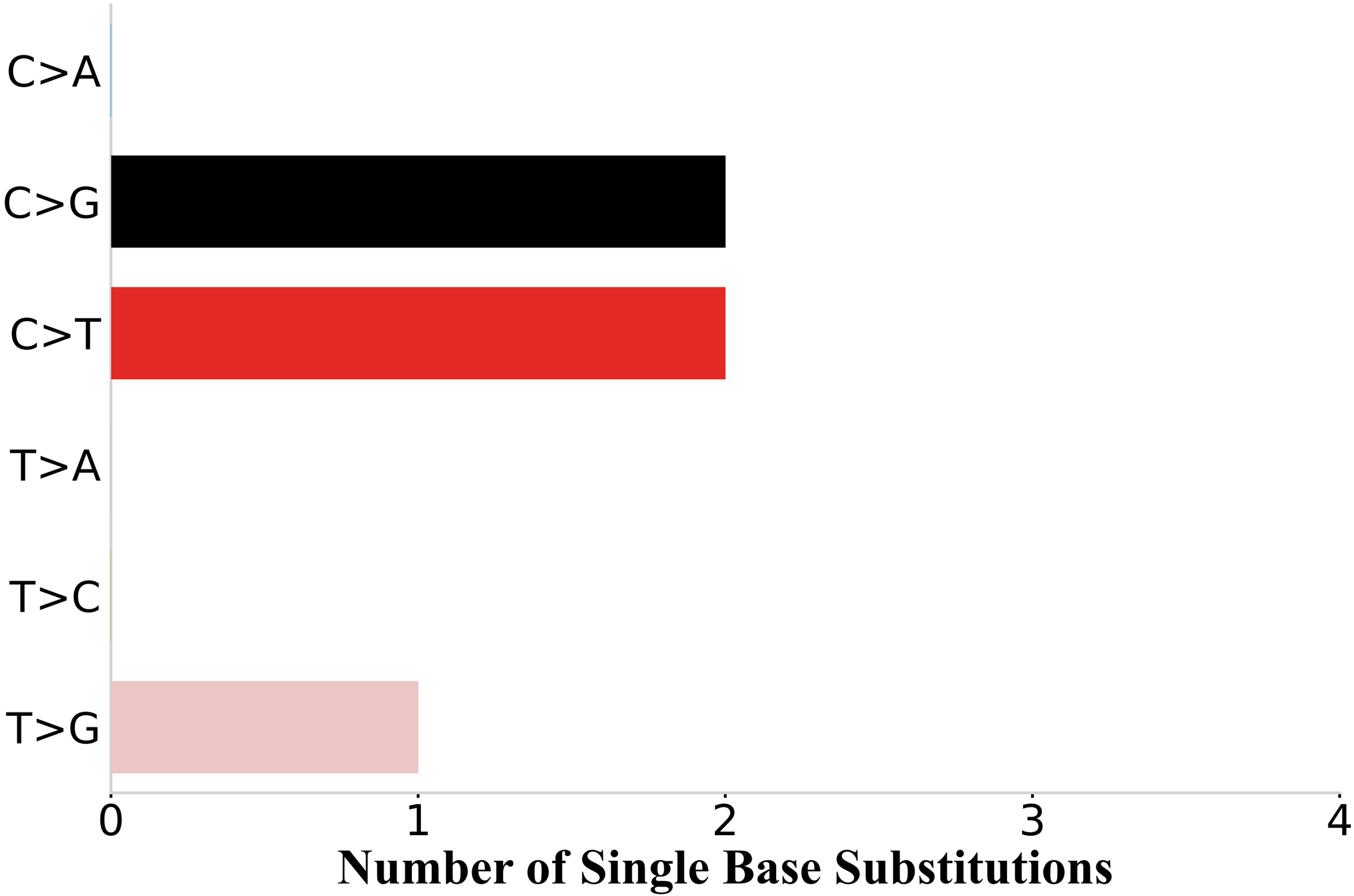
P-0002006-T01-IM3: 4 subs

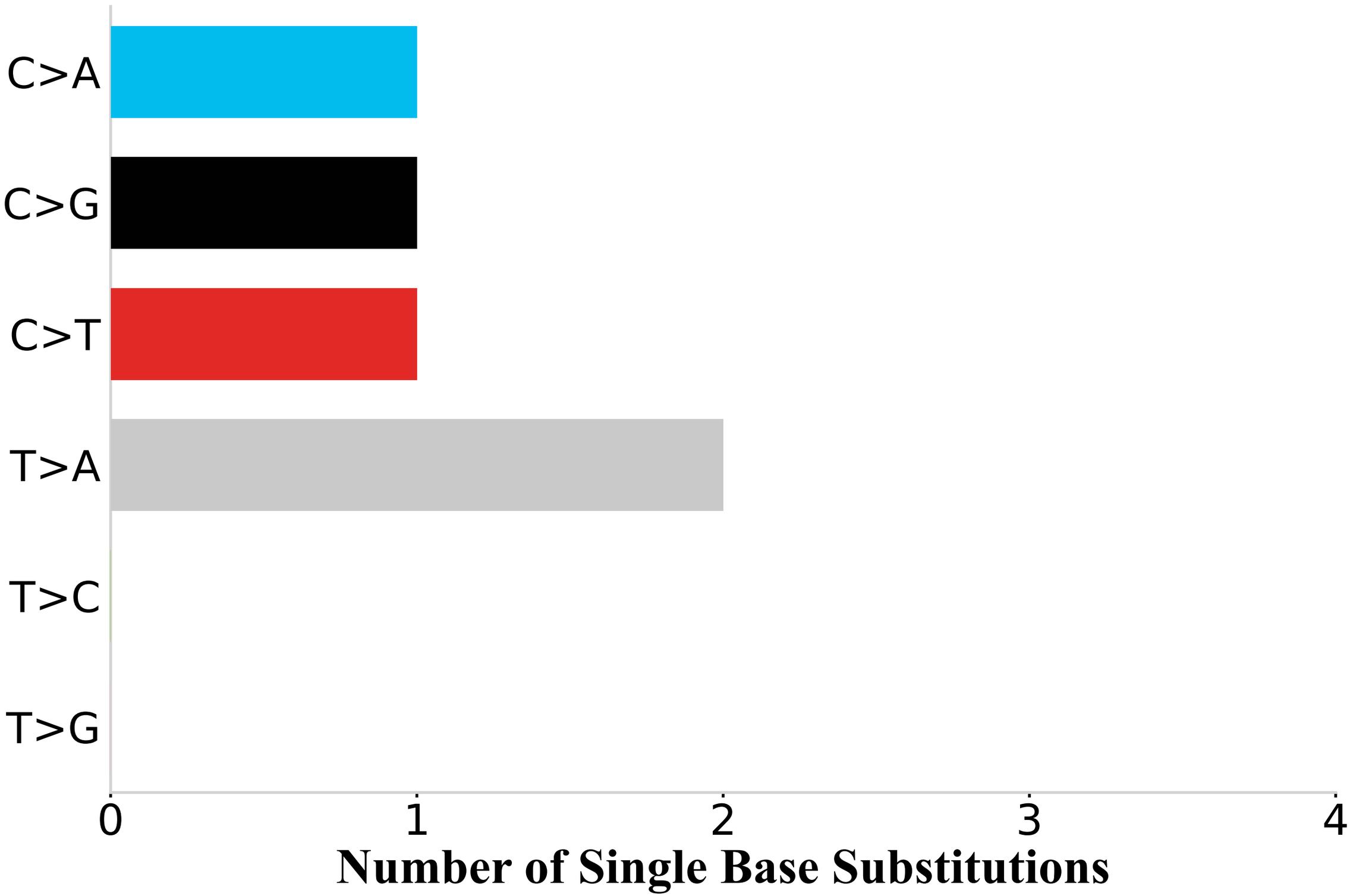


P-0002188-T01-IM3: 3 subs

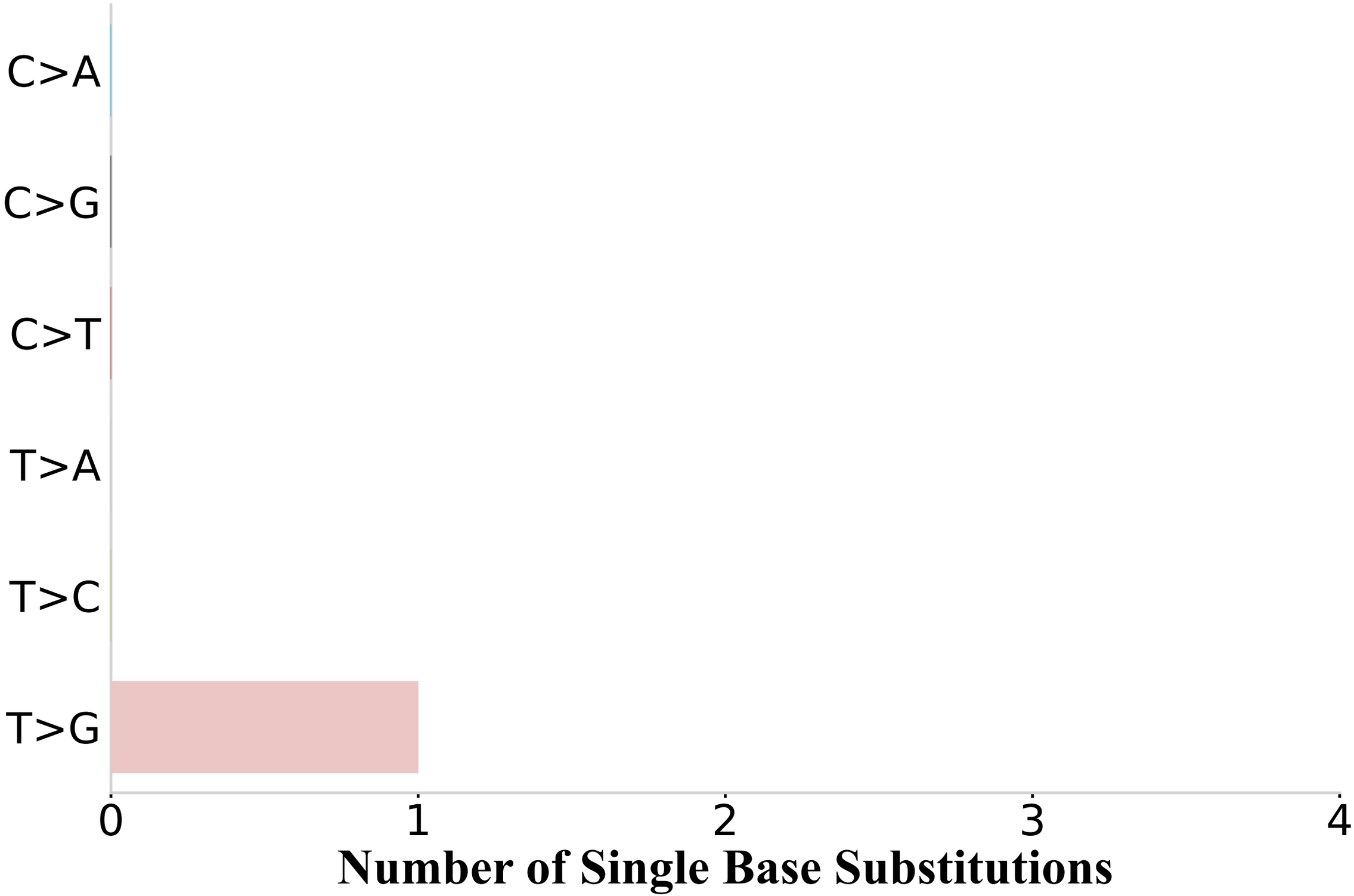


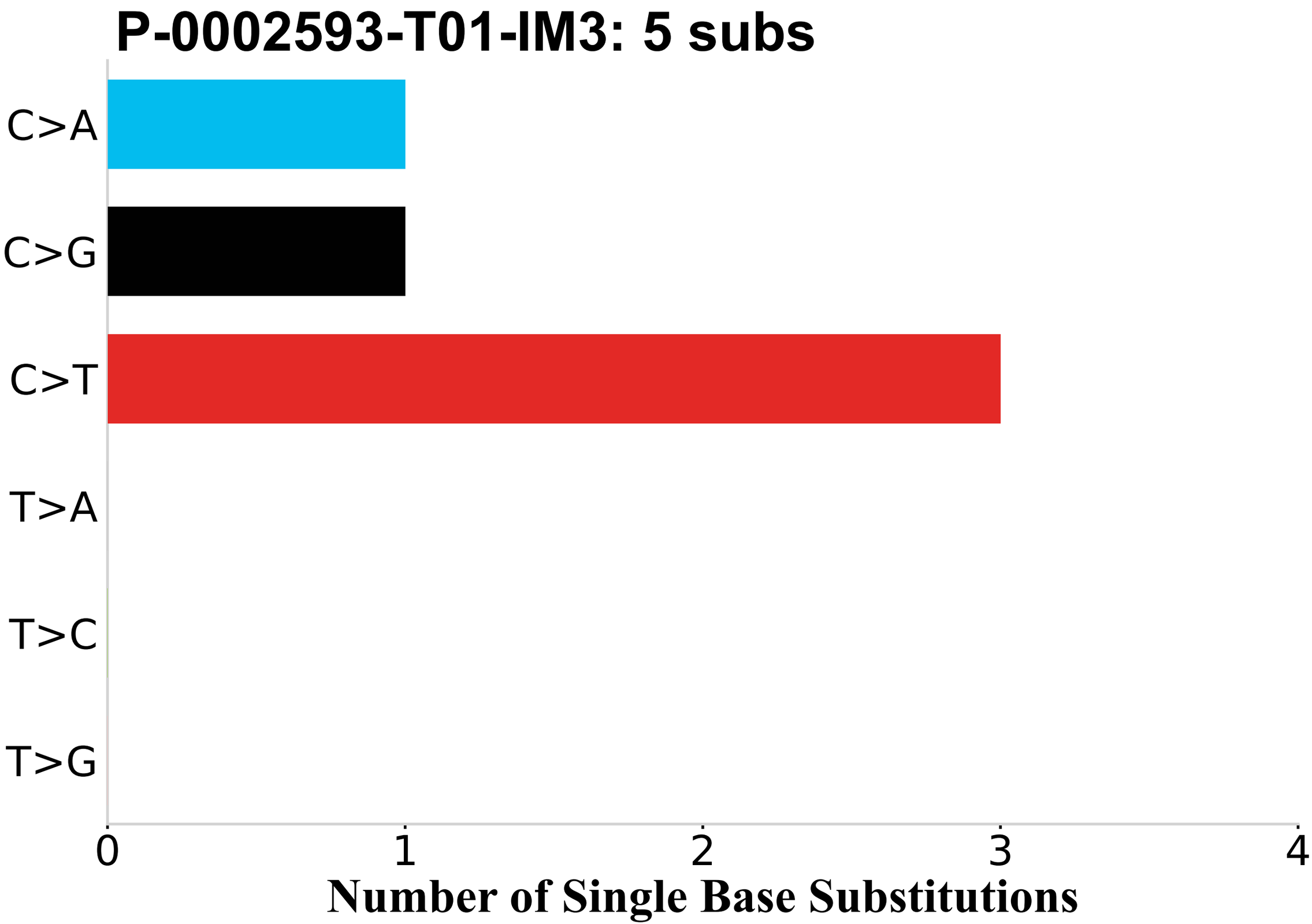
P-0002237-T01-IM3: 5 subs



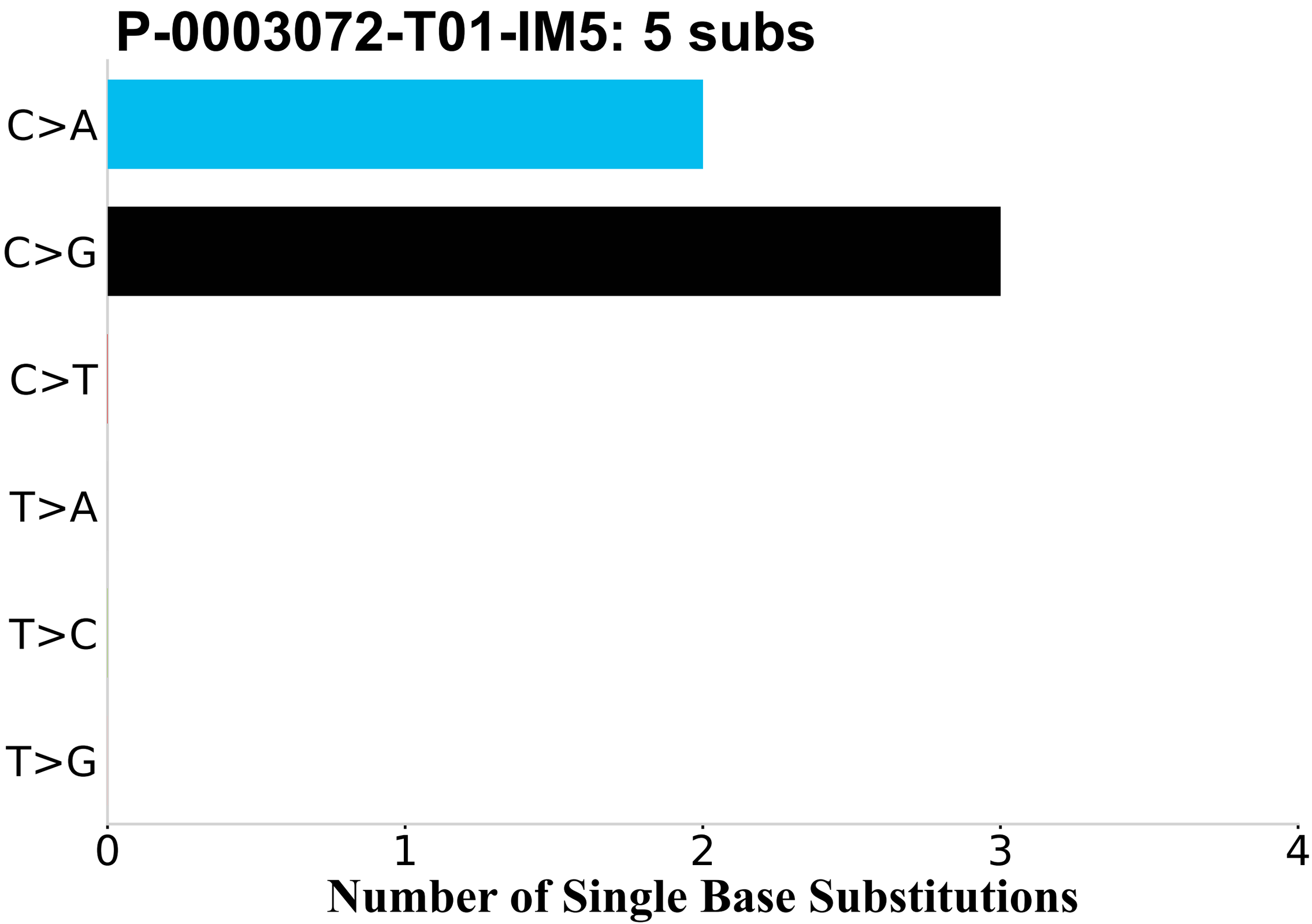

P-0002336-T01-IM3: 5 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

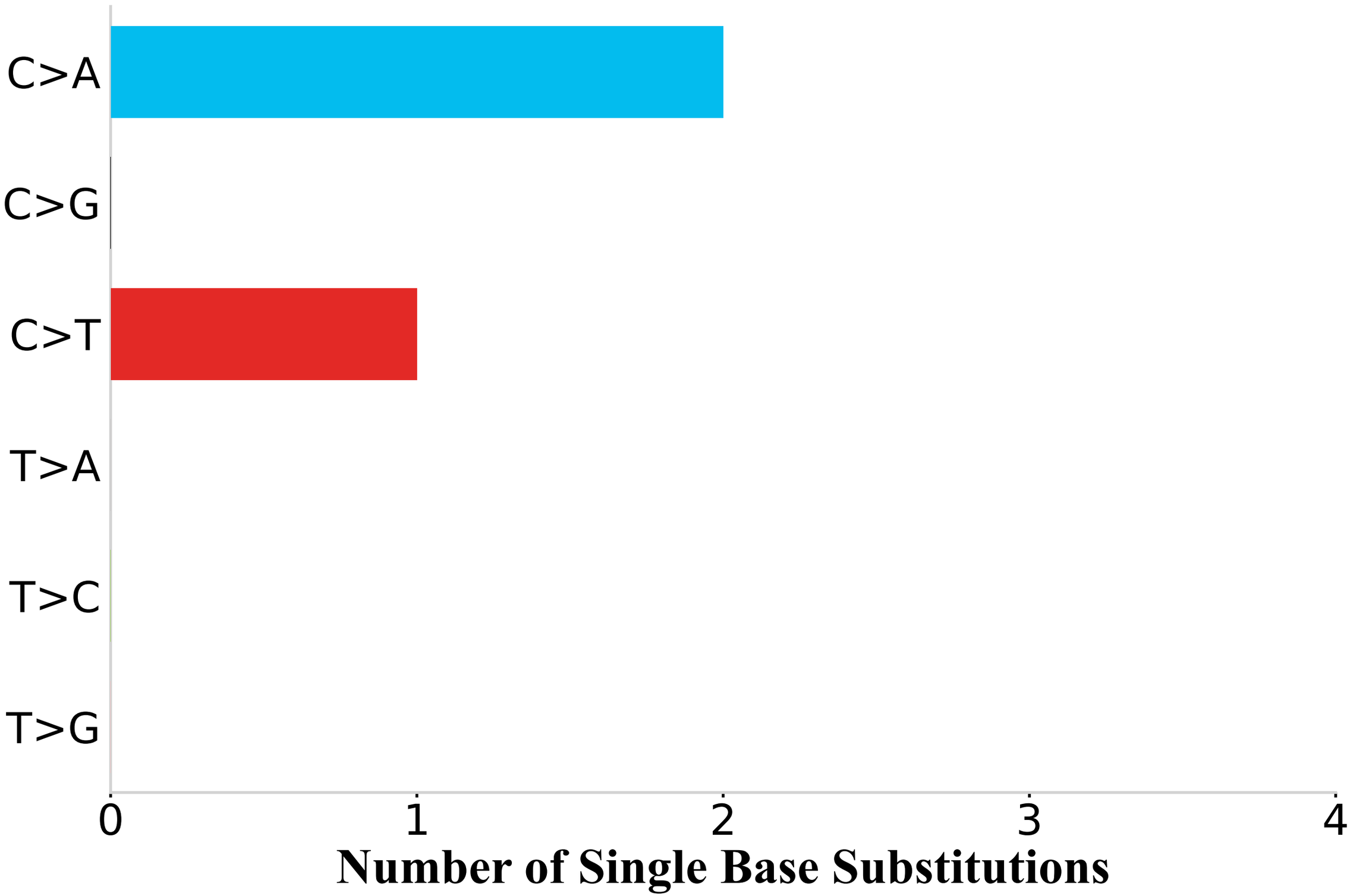
P-0002368-T02-IM5: 1 subs



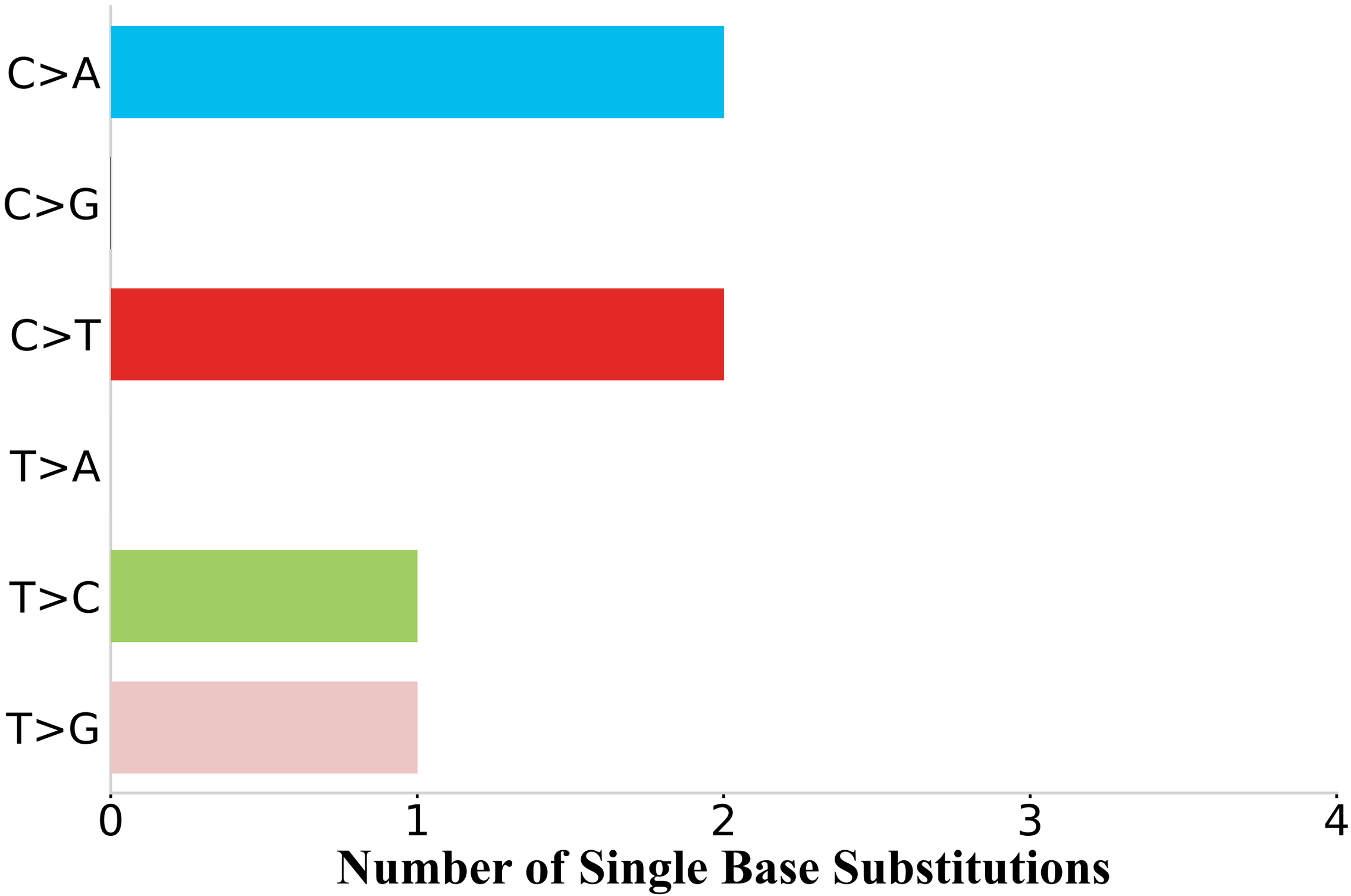

P-0002593-T01-IM3: 5 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

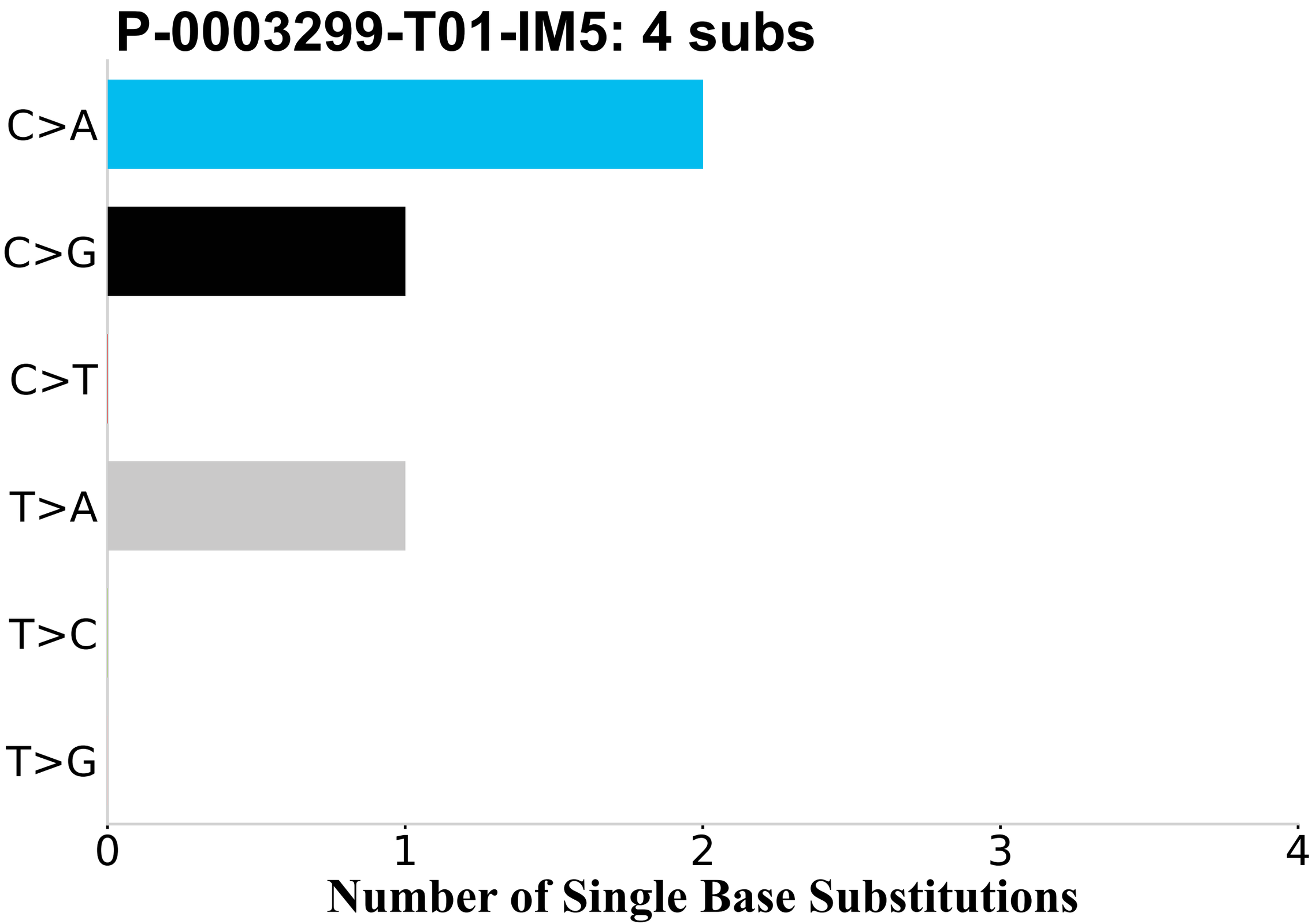
P-0002800-T01-IM3: 2 subs


P-0003072-T01-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

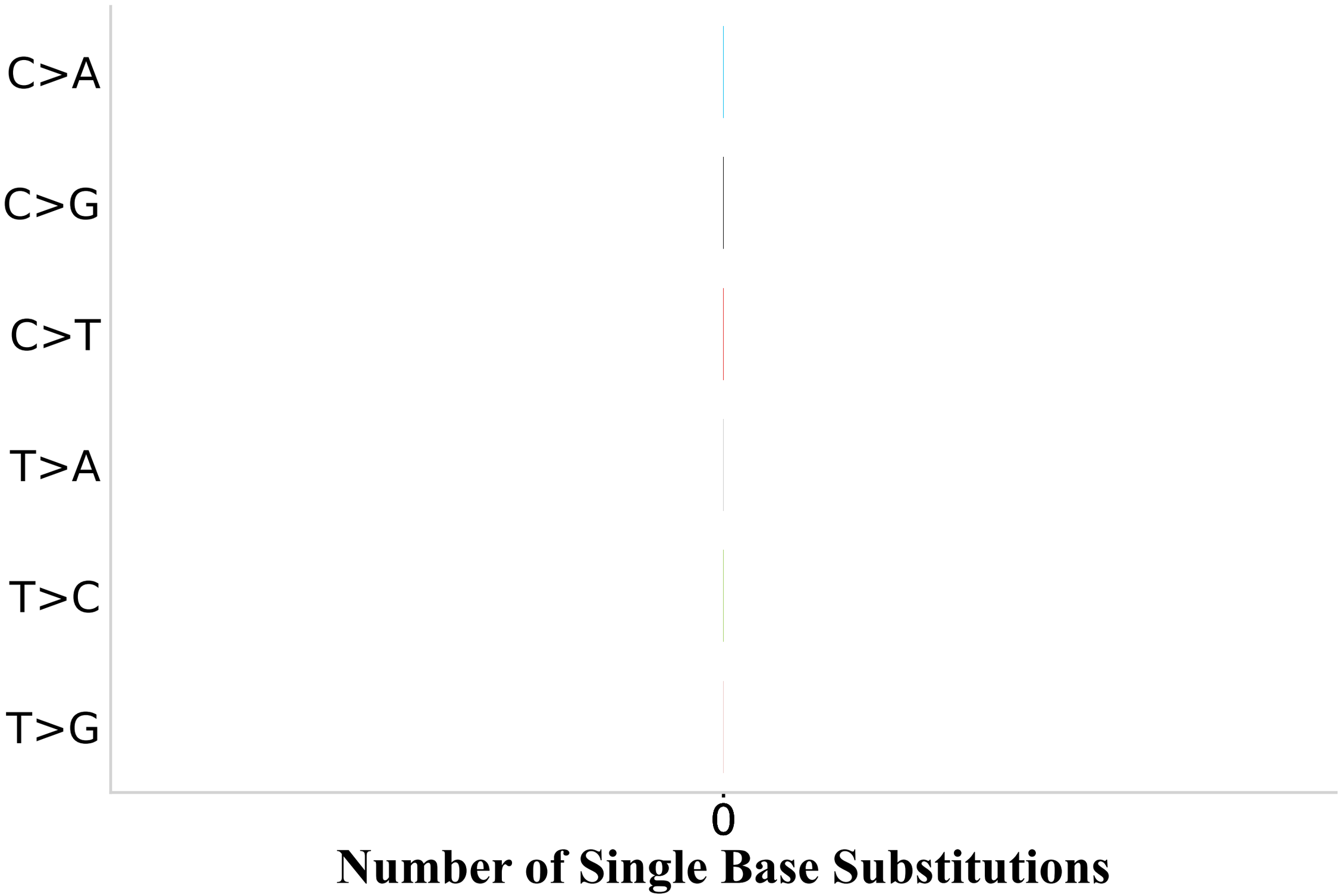

P-0003172-T01-IM5: 3 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

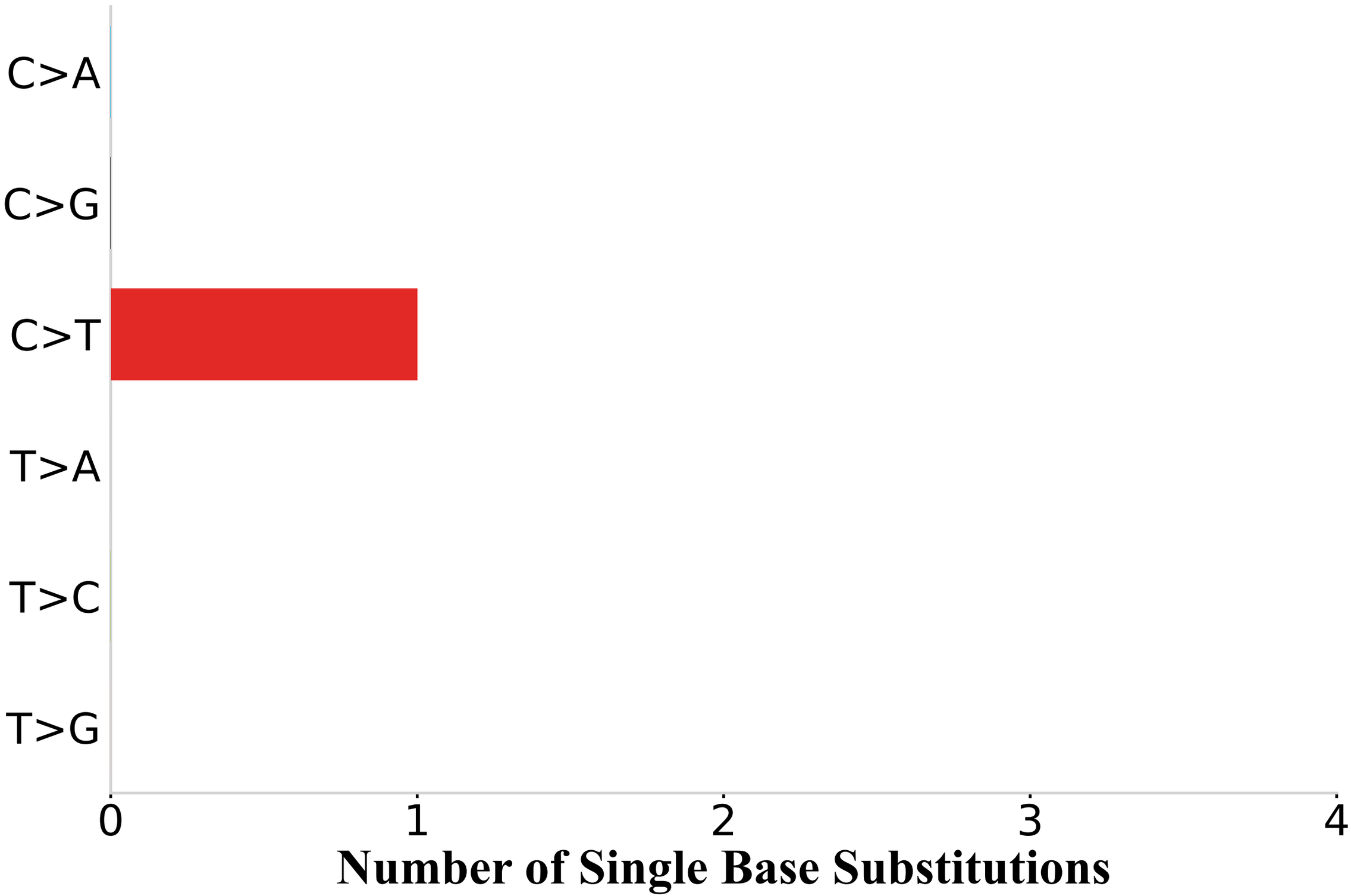
P-0003234-T01-IM5: 6 subs

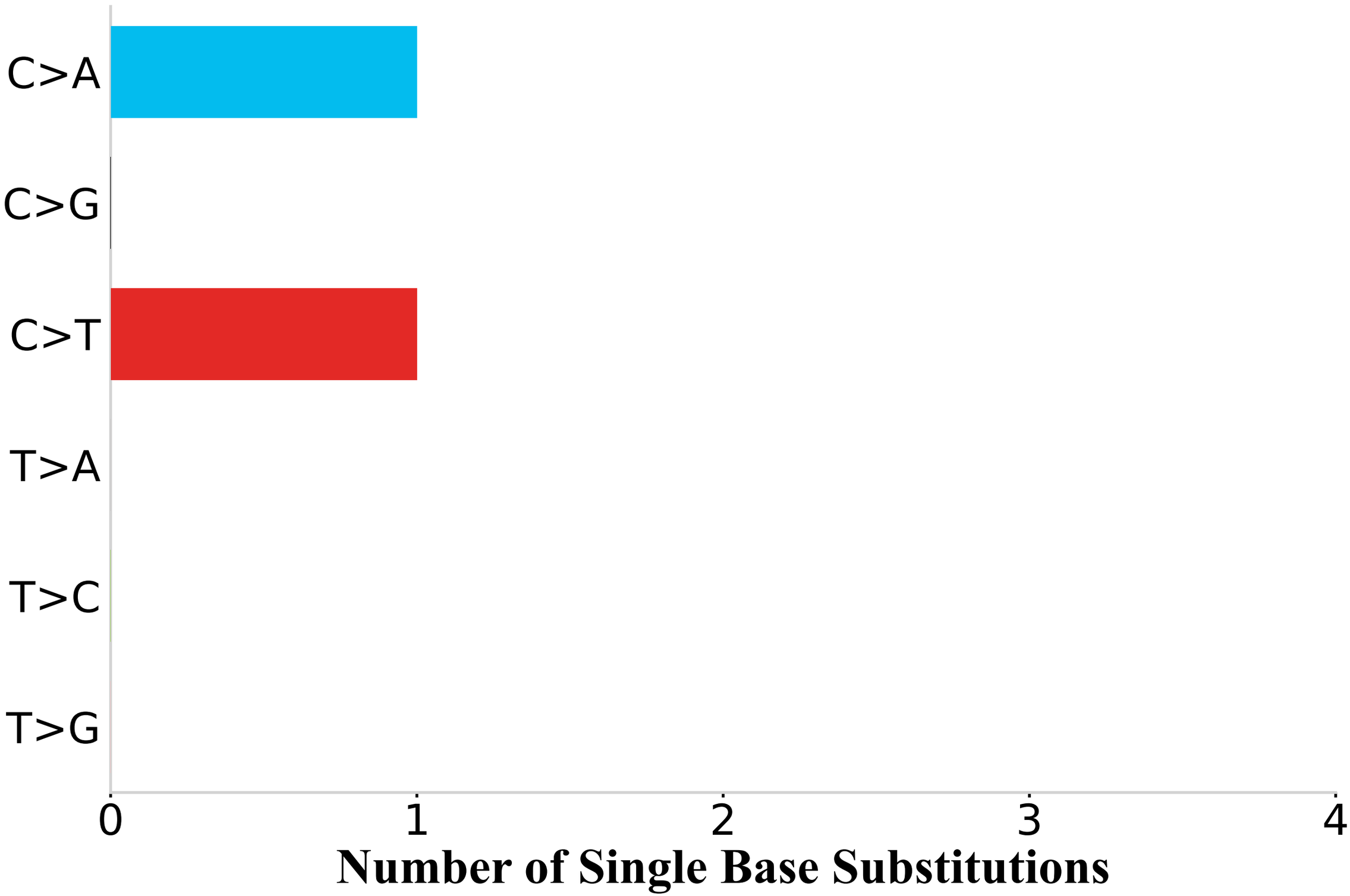



P-0003299-T01-IM5: 4 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

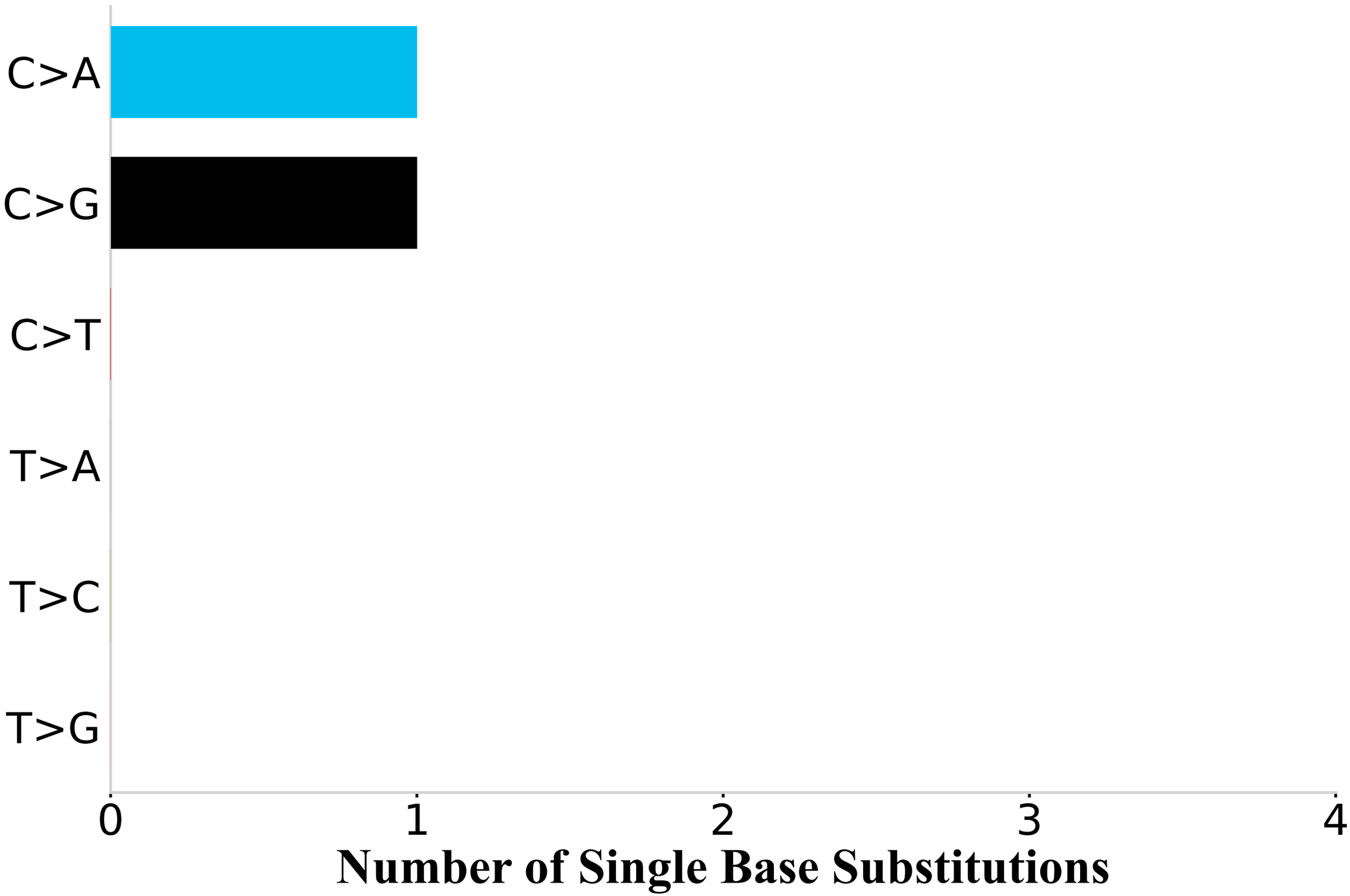
P-0003342-T01-IM5: 0 subs

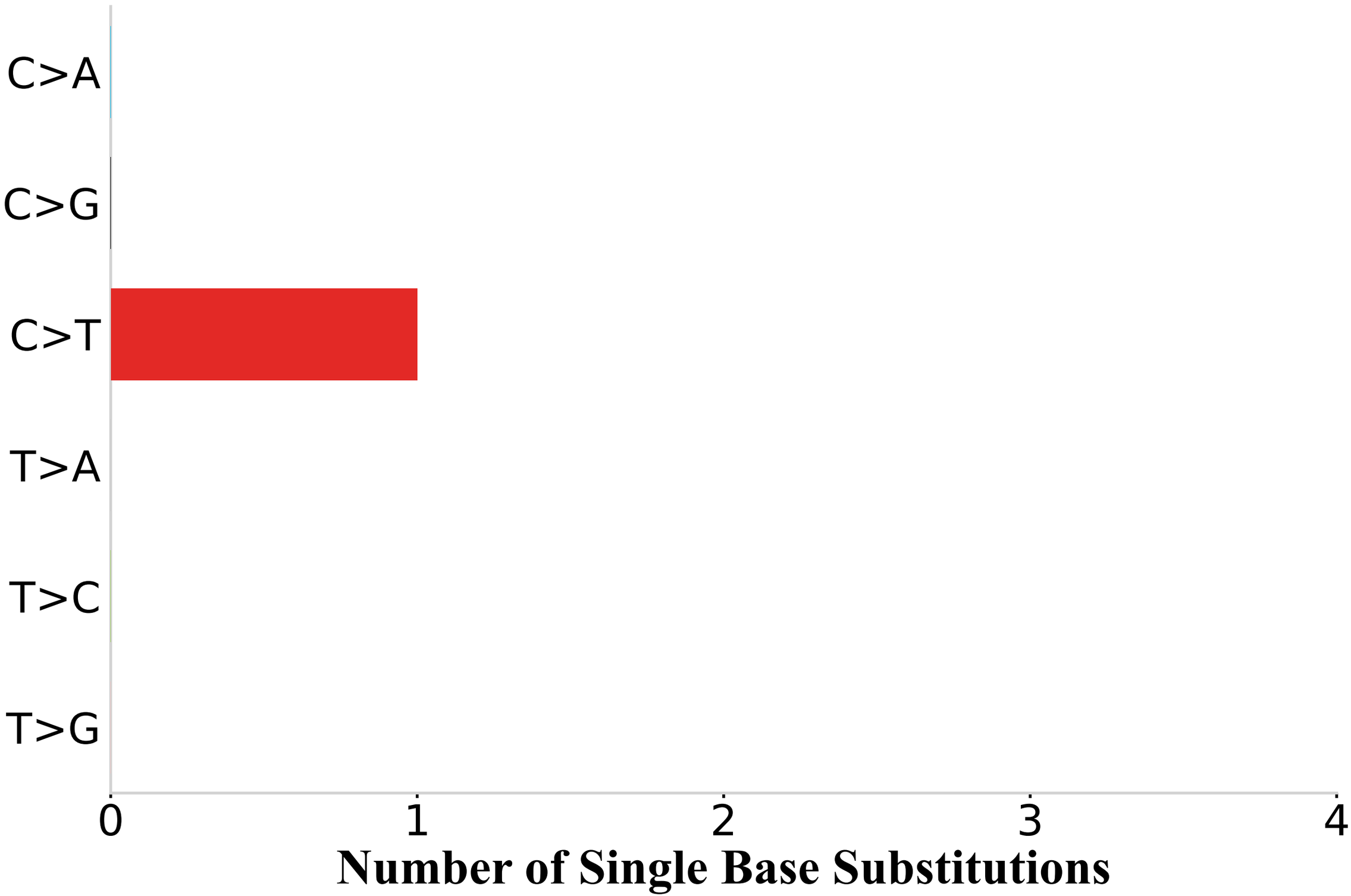


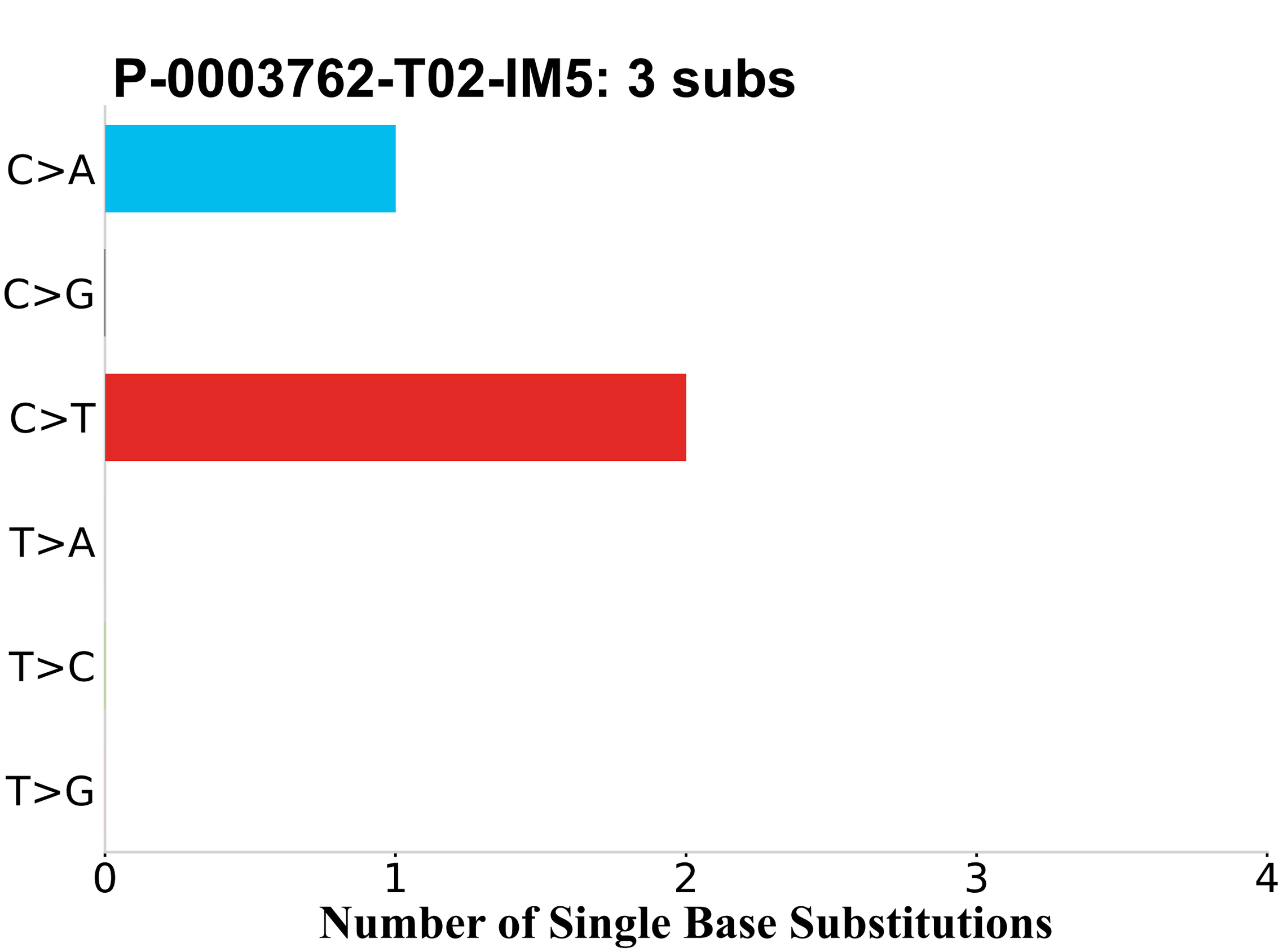

P-0003381-T01-IM5: 1 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

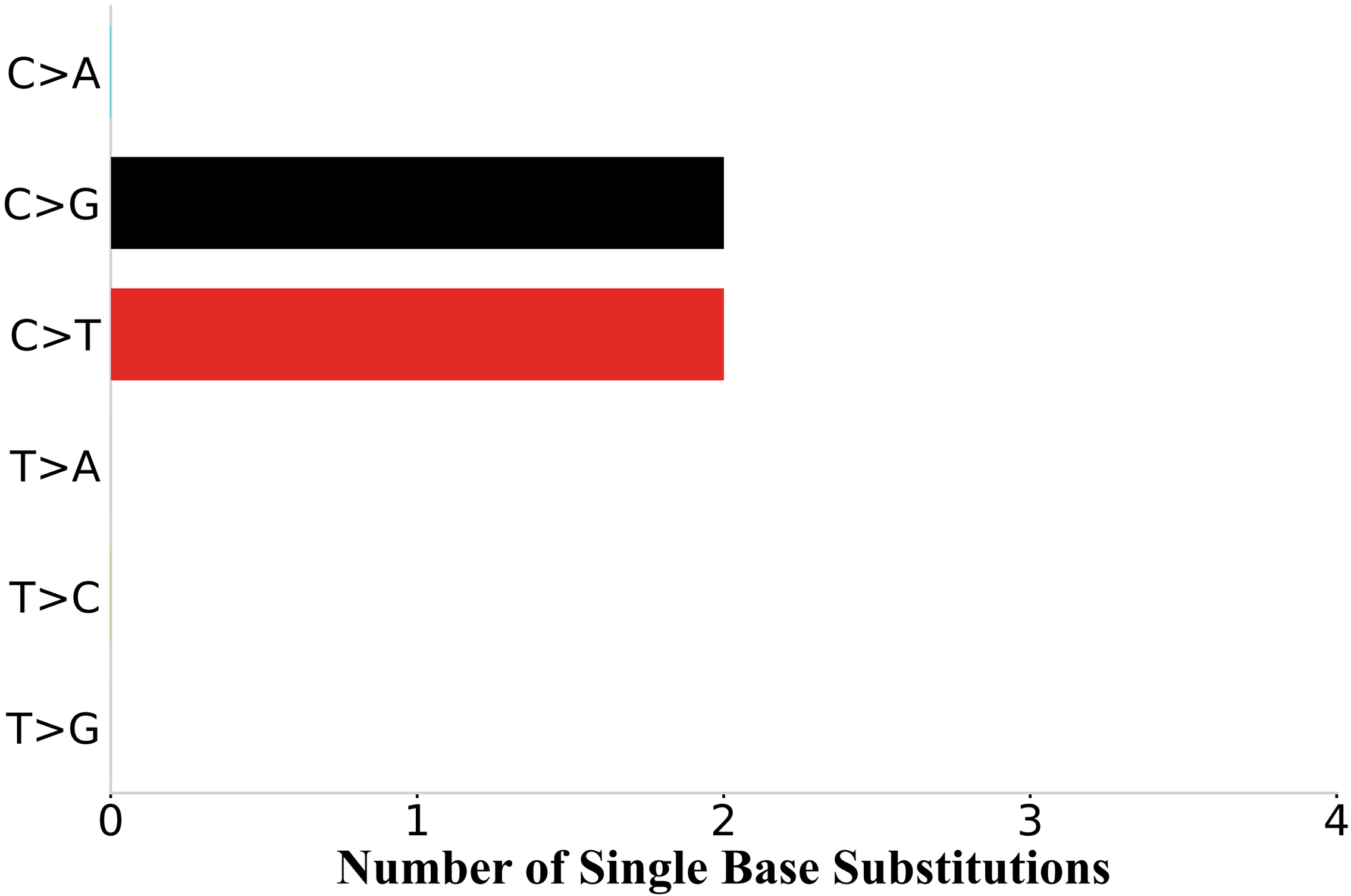

P-0003552-T01-IM5: 2 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

P-0003676-T01-IM5: 2 subs

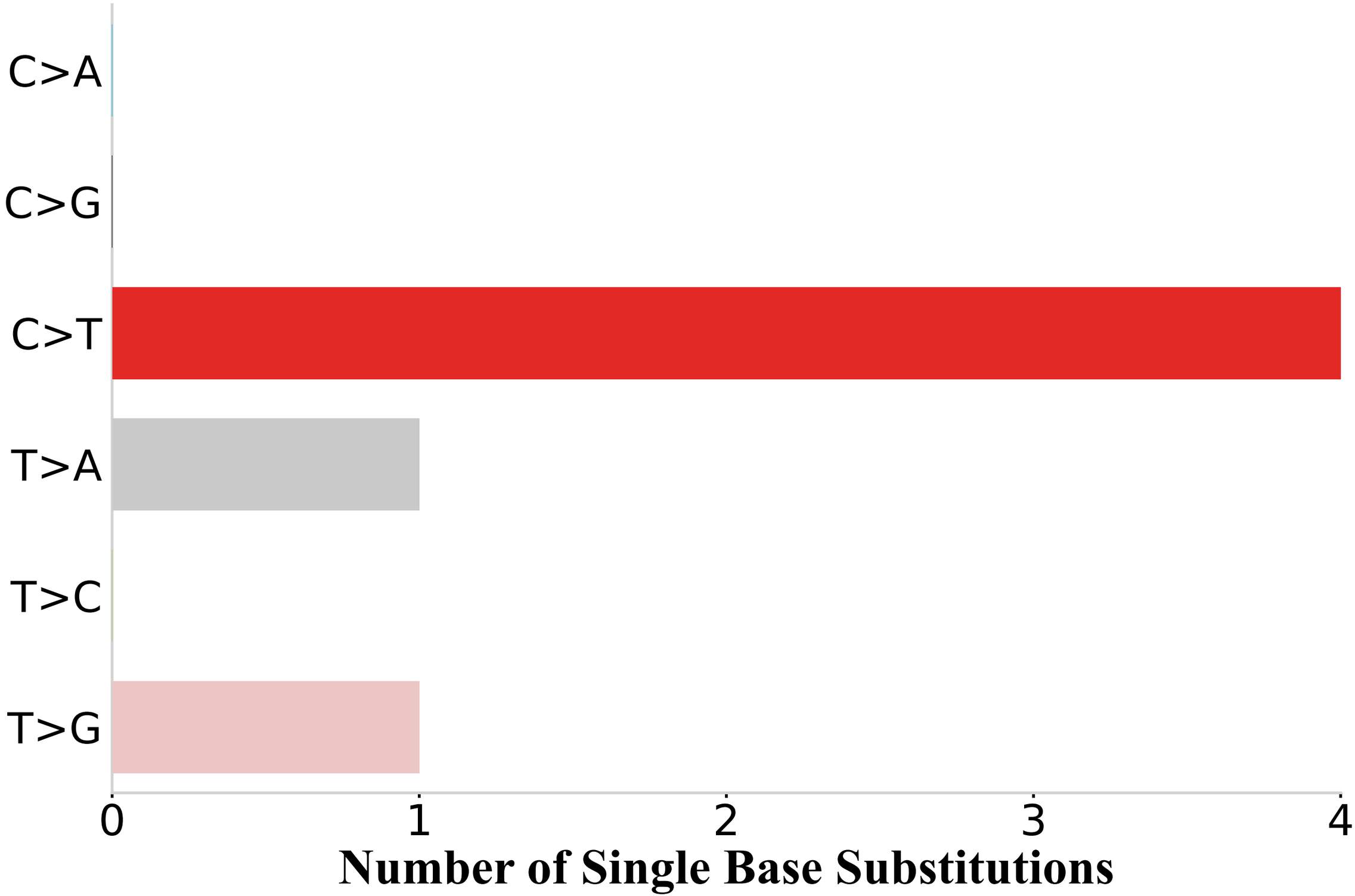



P-0003727-T01-IM5: 1 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

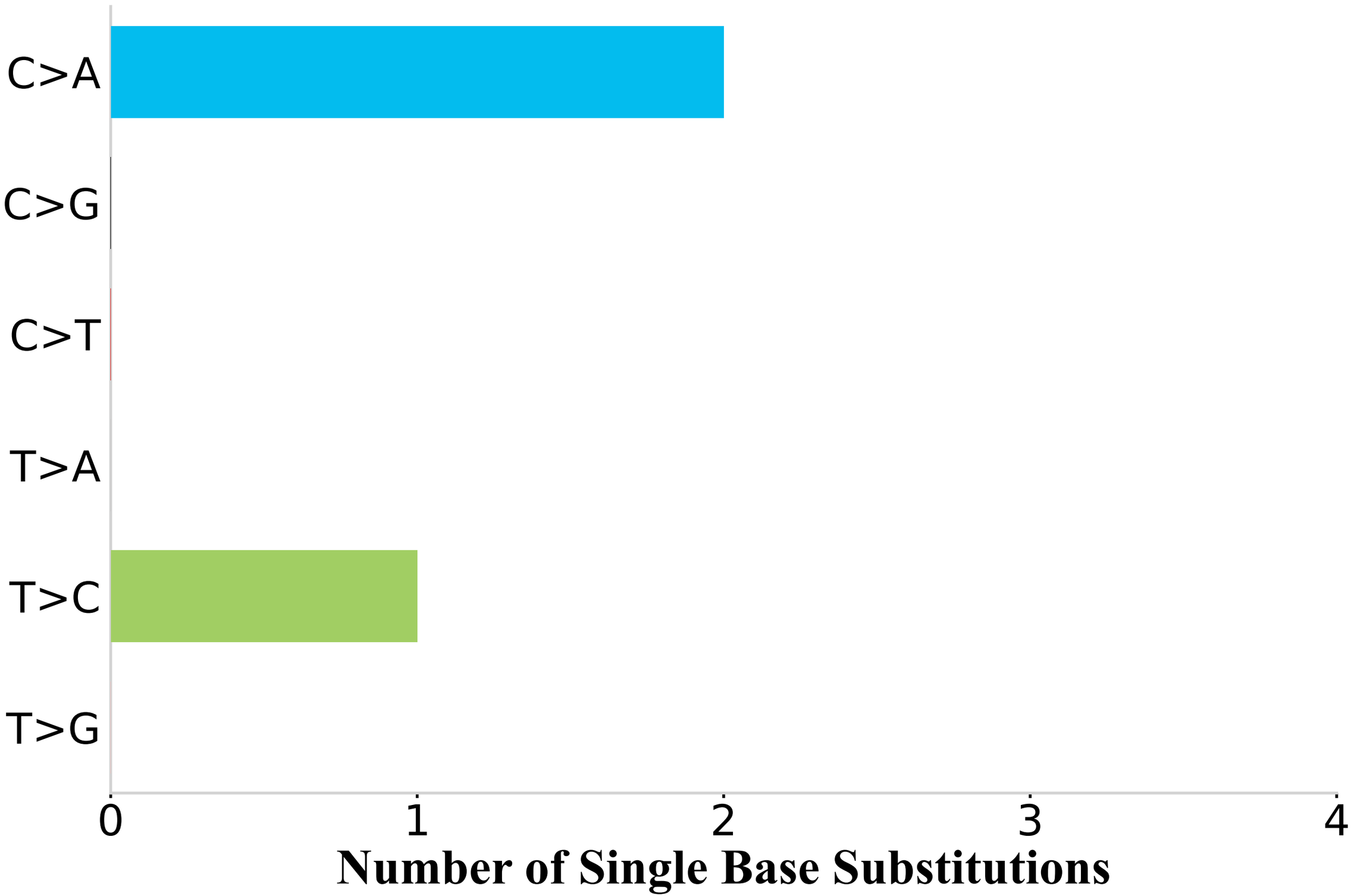

P-0003762-T02-IM5: 3 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

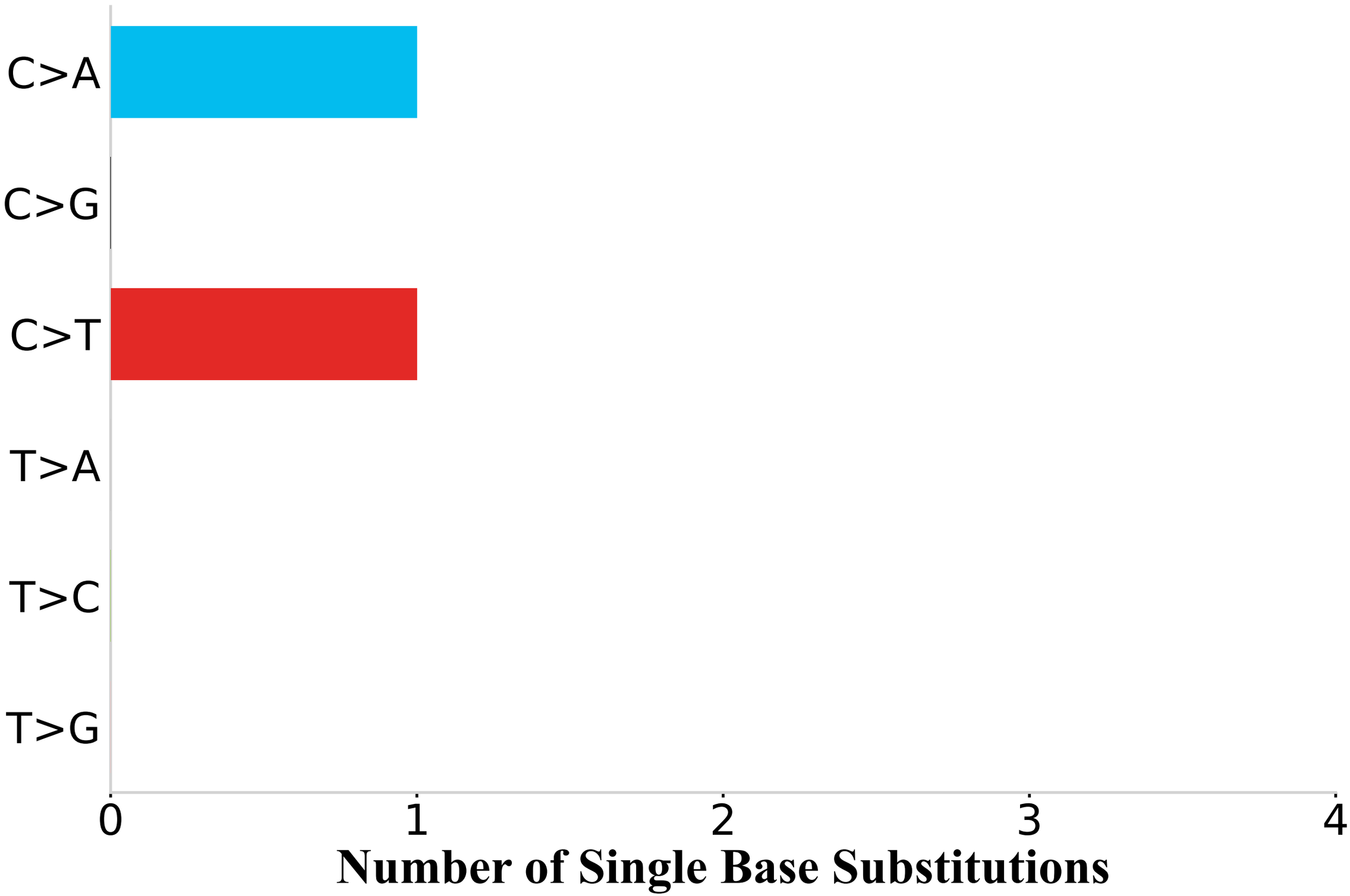

P-0003816-T01-IM5: 4 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

P-0003936-T01-IM3: 6 subs

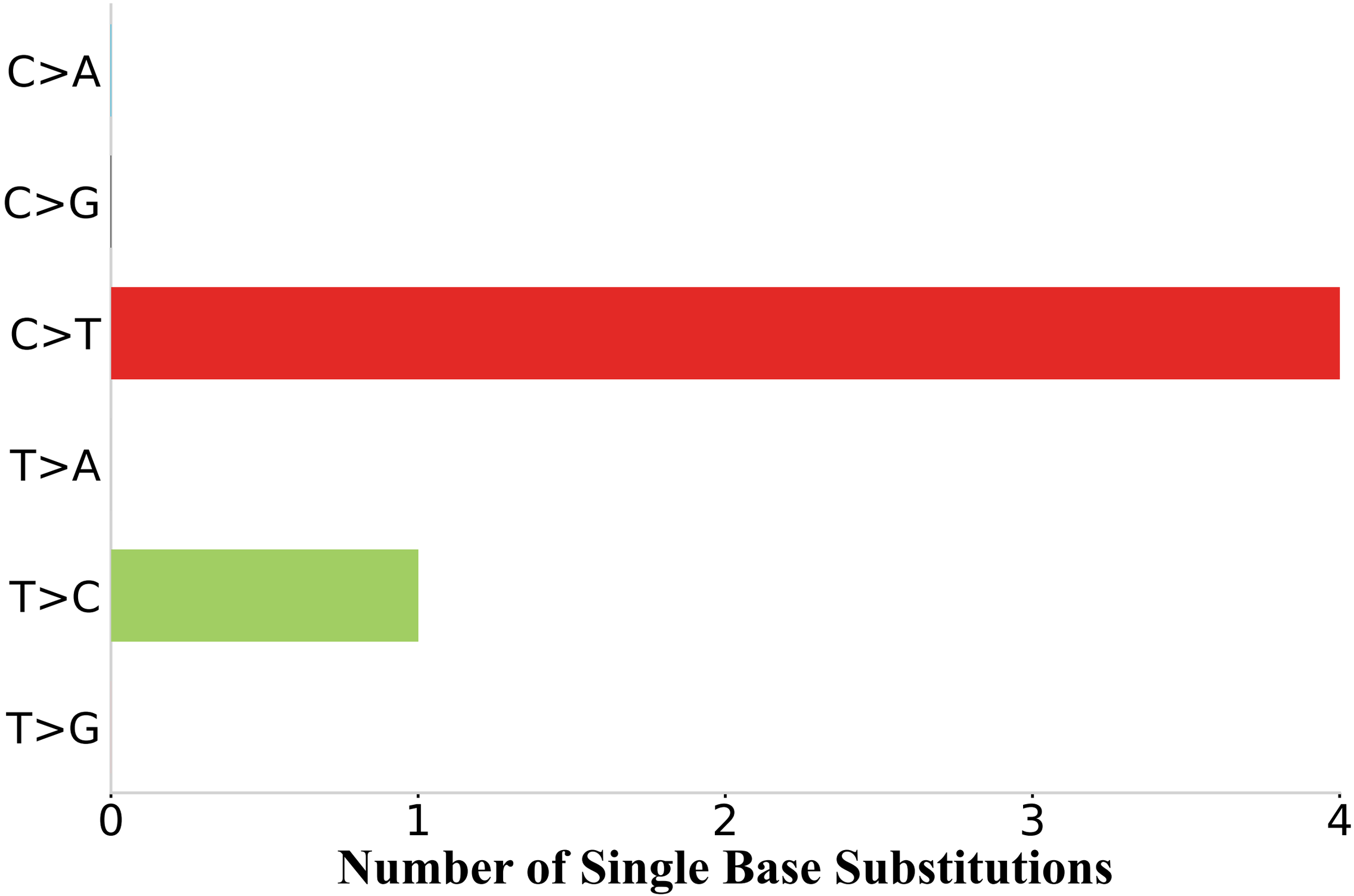


P-0004122-T01-IM5: 3 subs

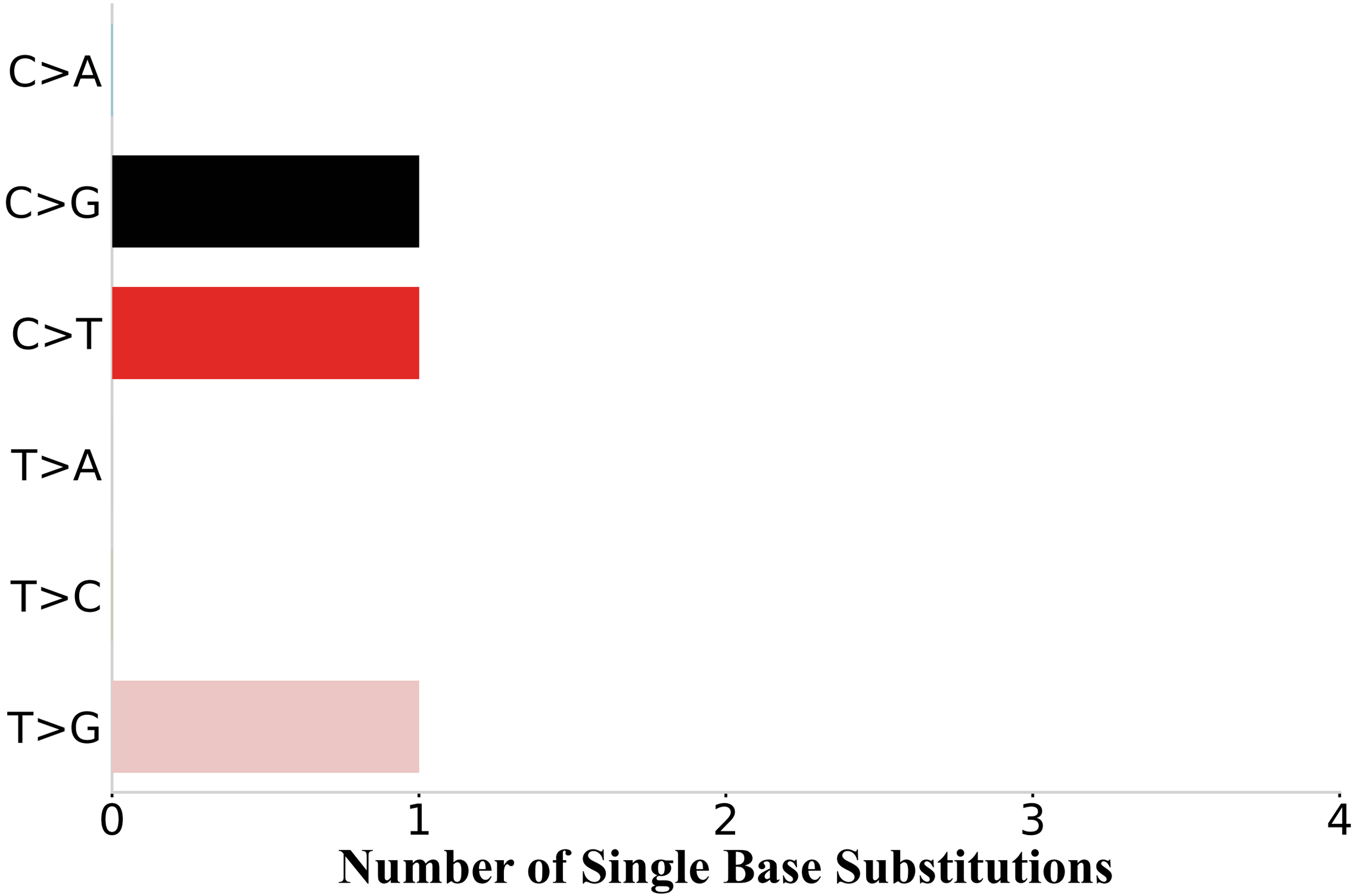


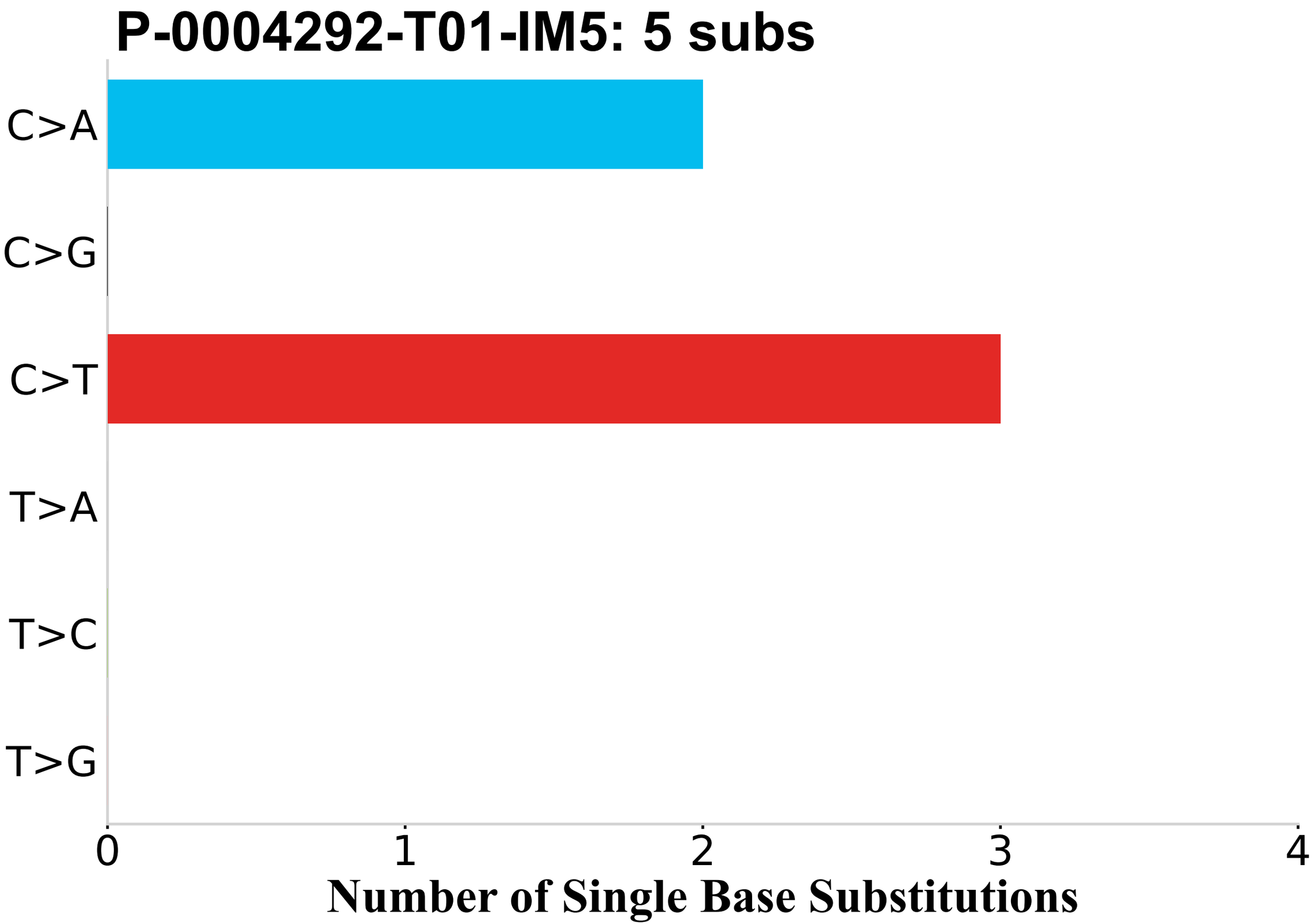

P-0004153-T01-IM5: 2 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

P-0004194-T01-IM5: 5 subs

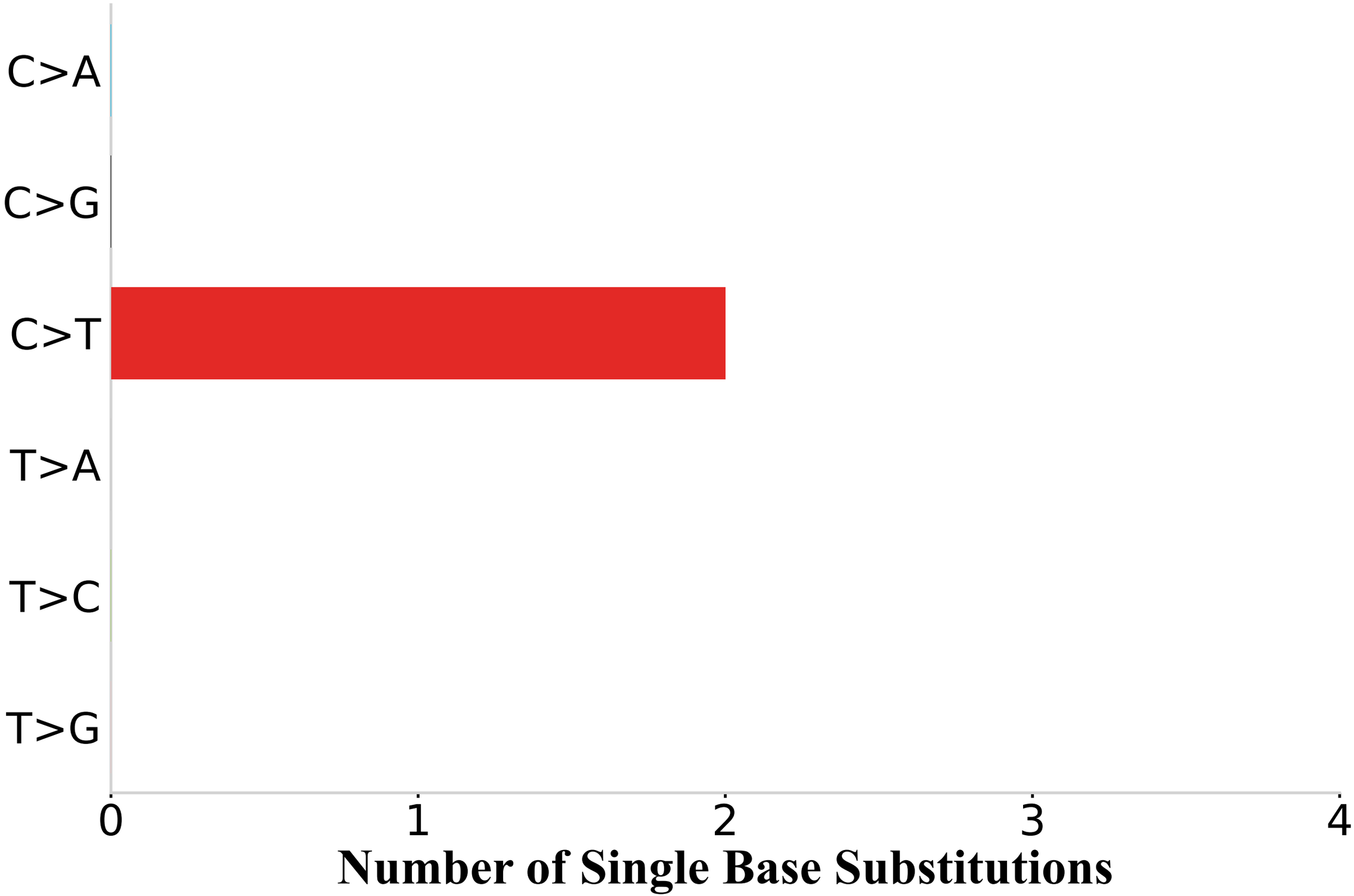


P-0004213-T01-IM5: 3 subs

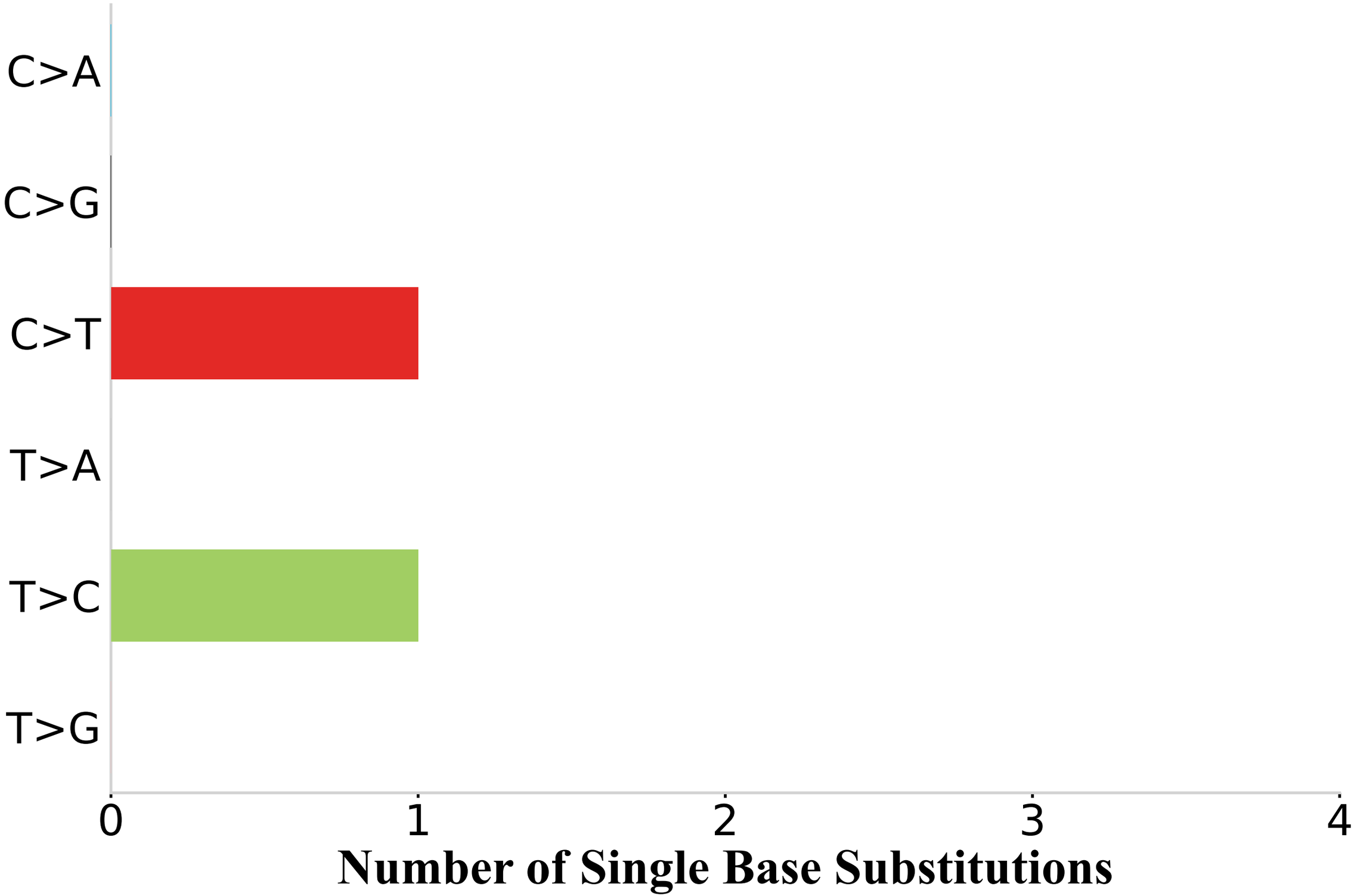


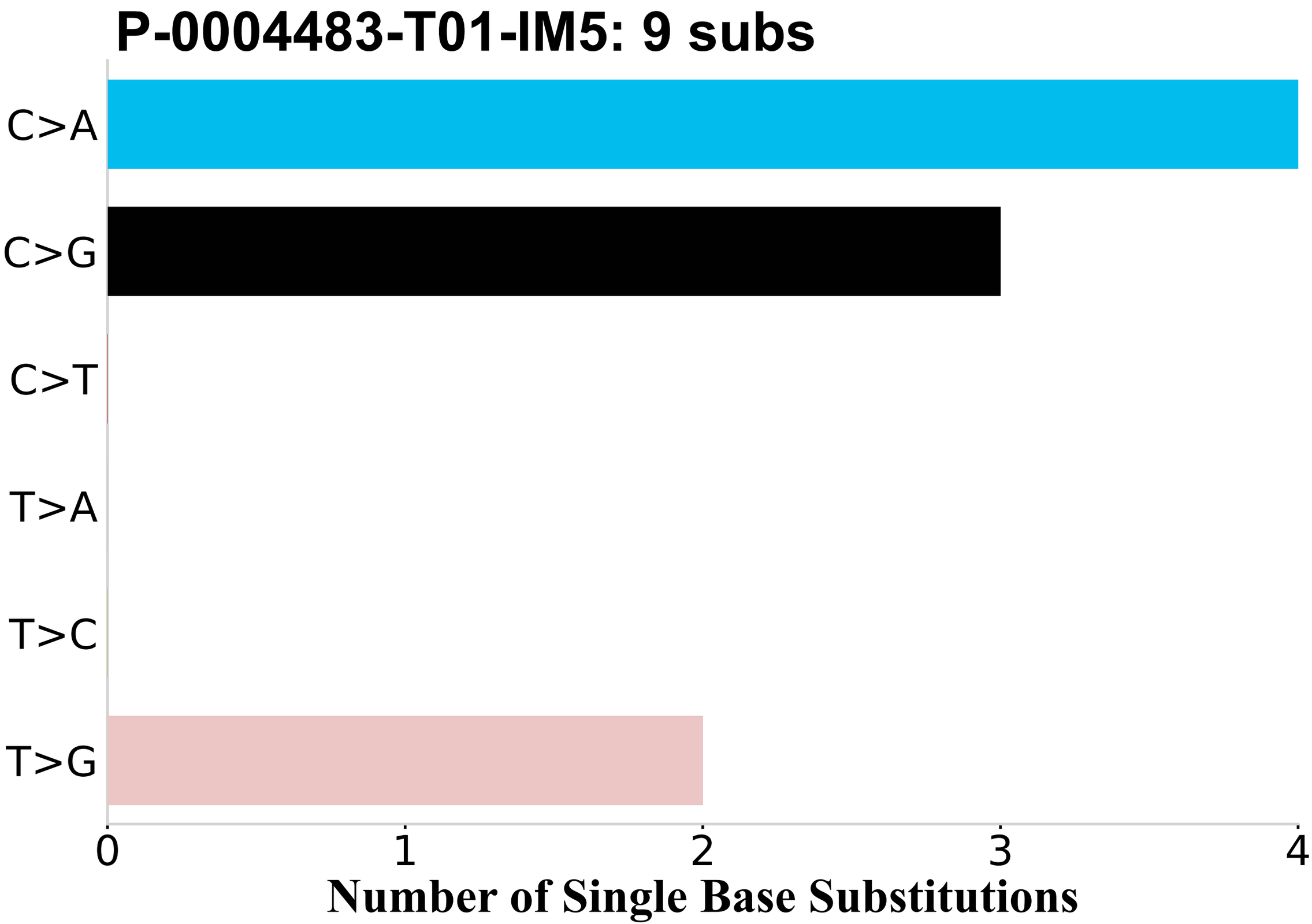

P-0004292-T01-IM5: 5 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

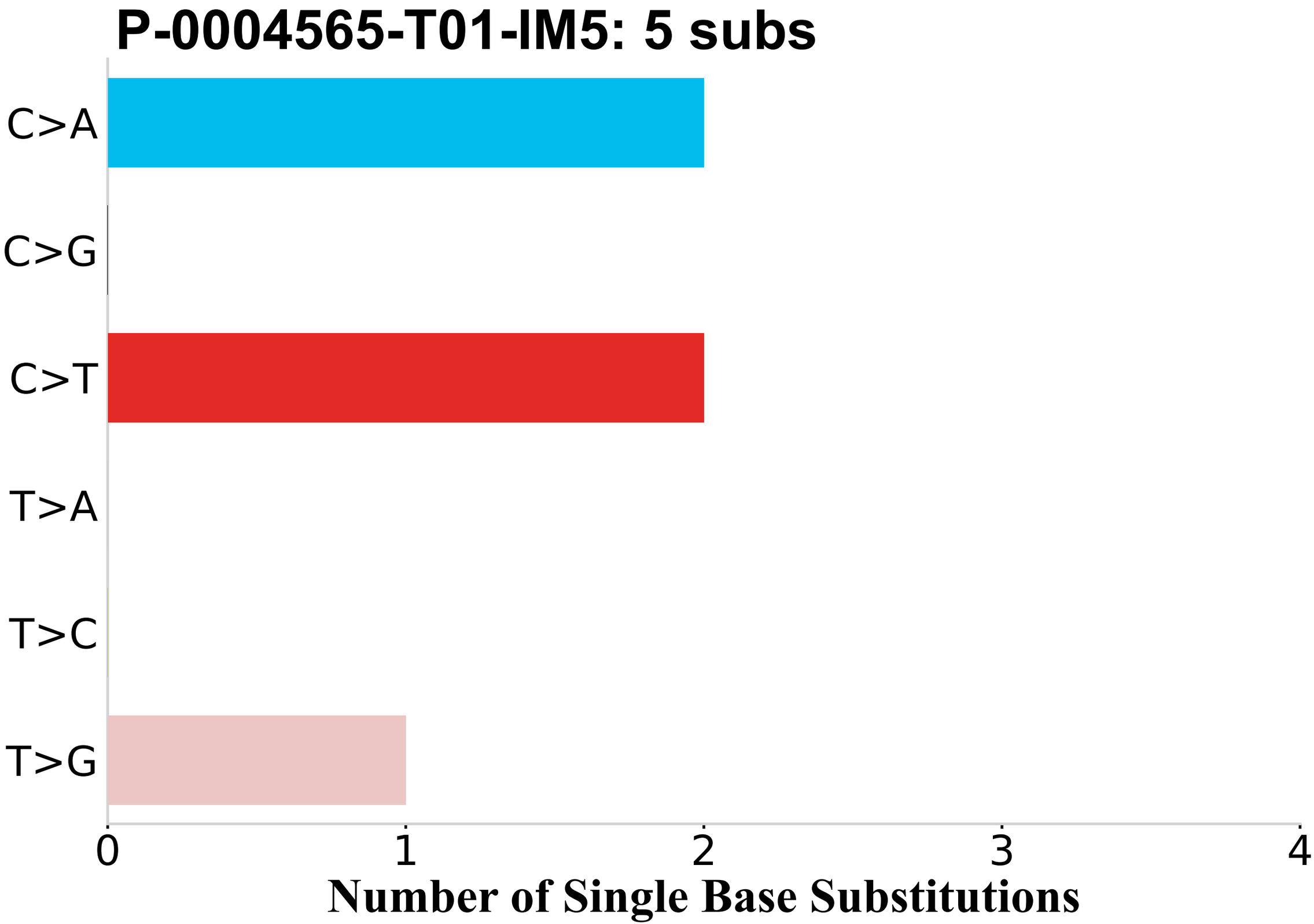
P-0004341-T01-IM5: 2 subs



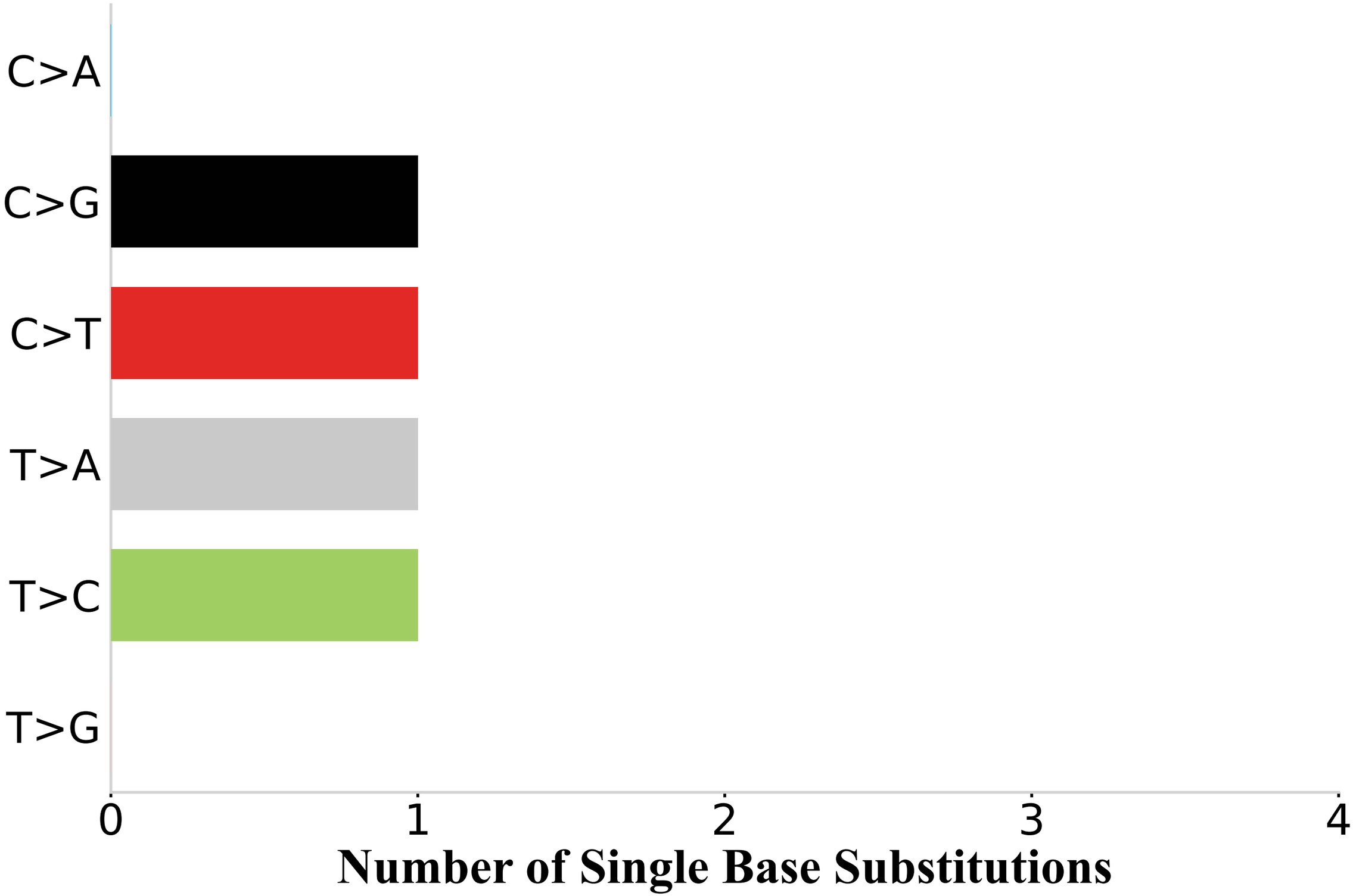
P-0004347-T01-IM5: 2 subs

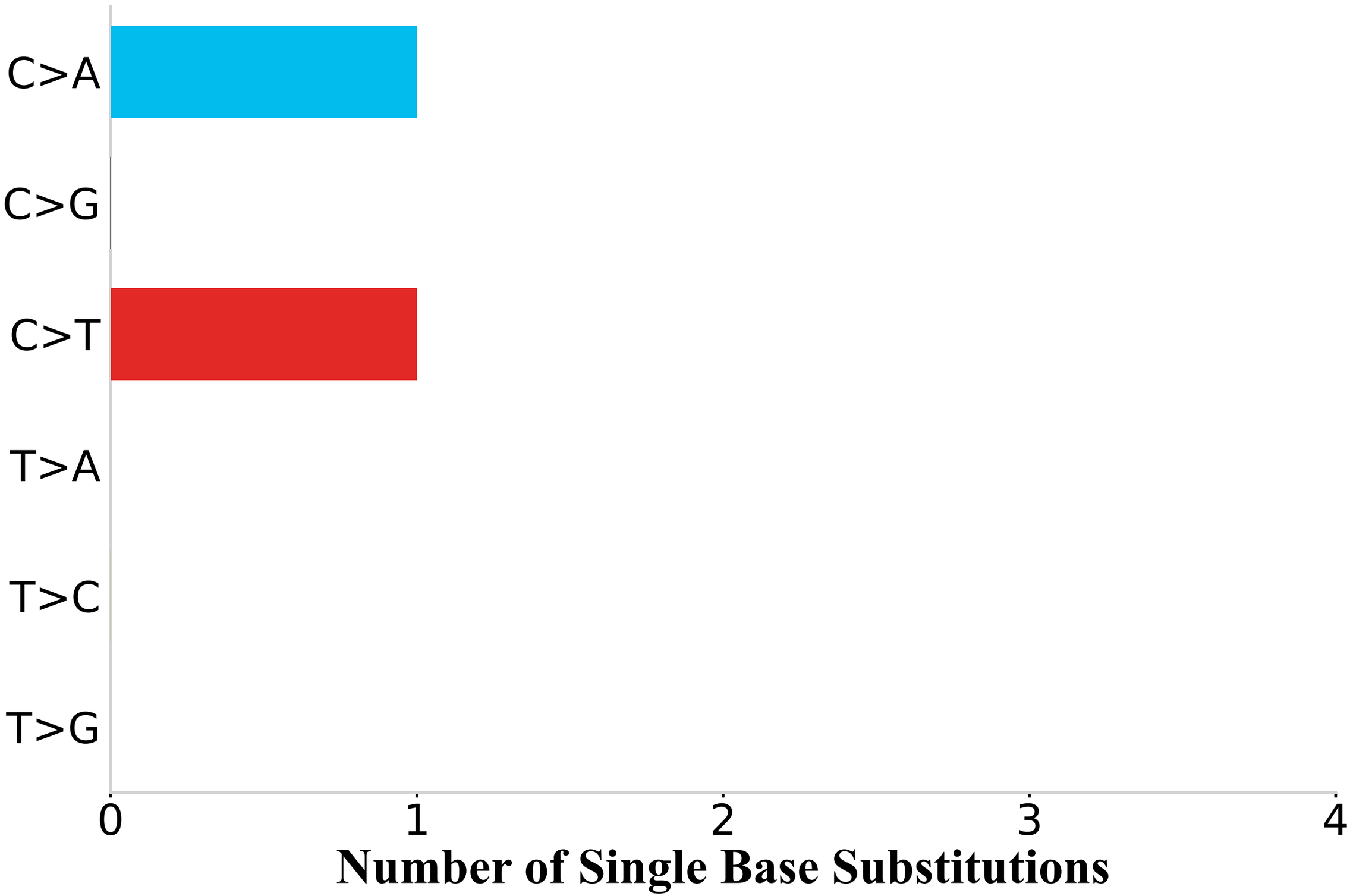



P-0004483-T01-IM5: 9 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

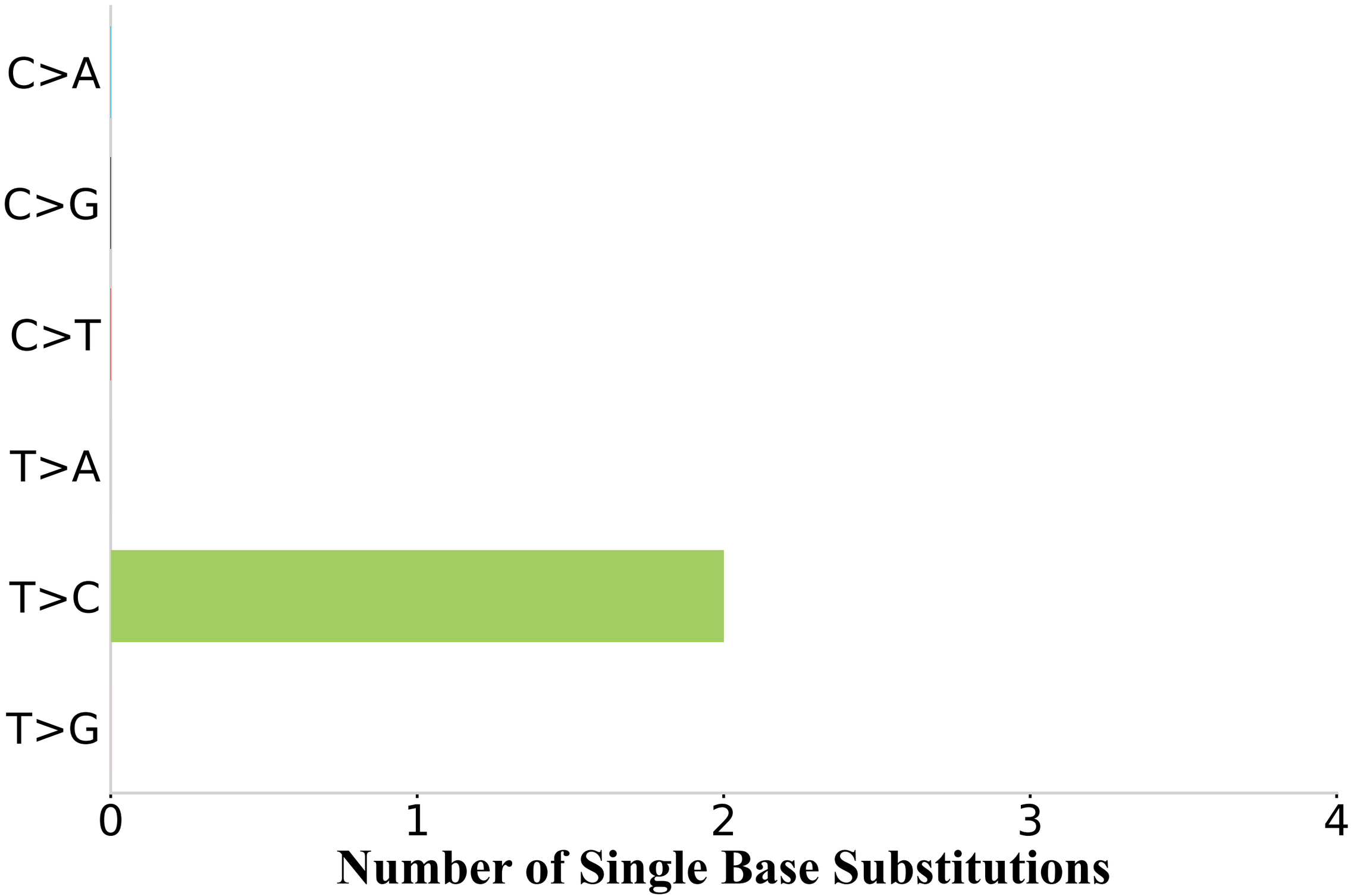

P-0004565-T01-IM5: 5 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

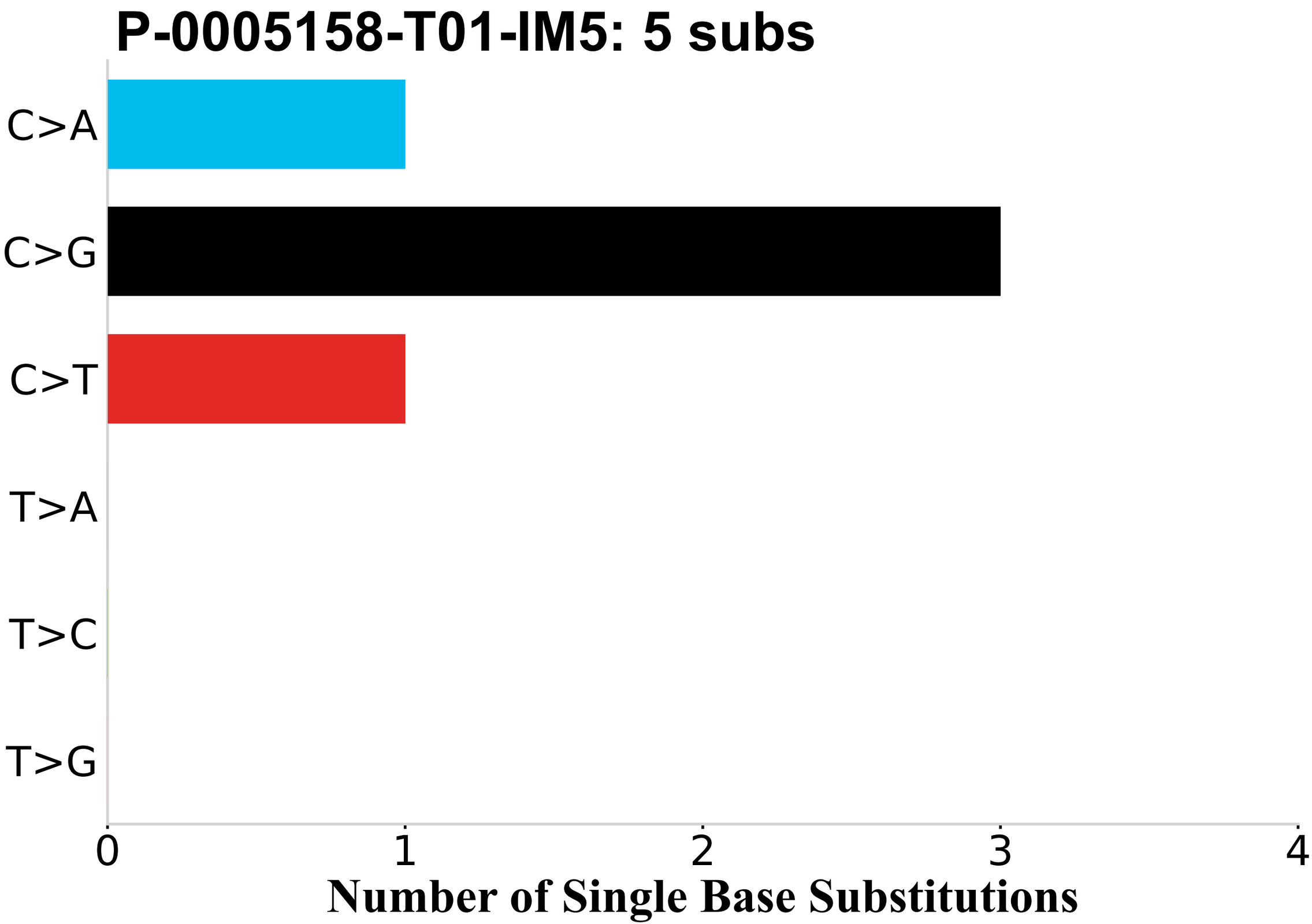
P-0004889-T01-IM5: 4 subs



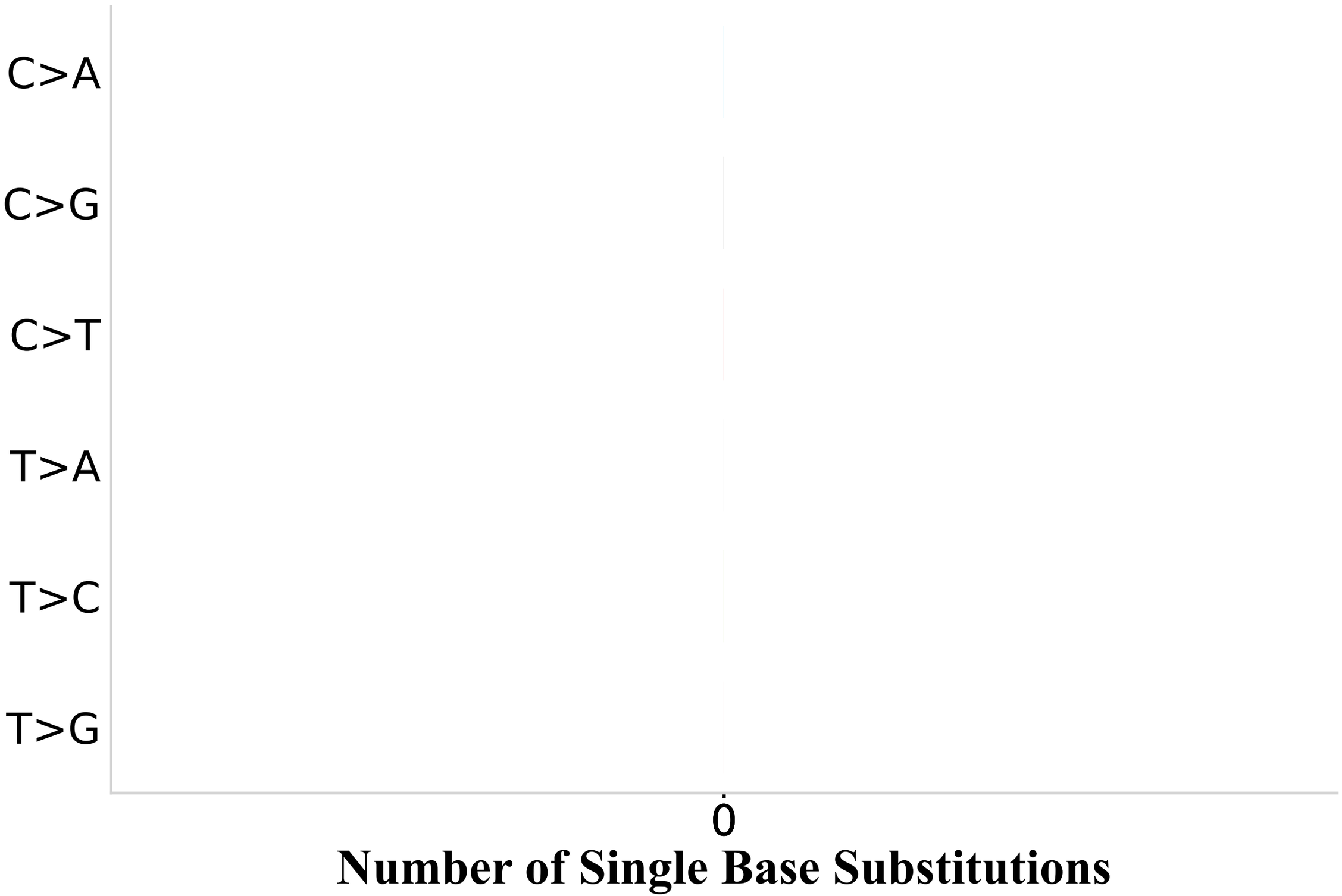

P-0004893-T01-IM5: 2 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

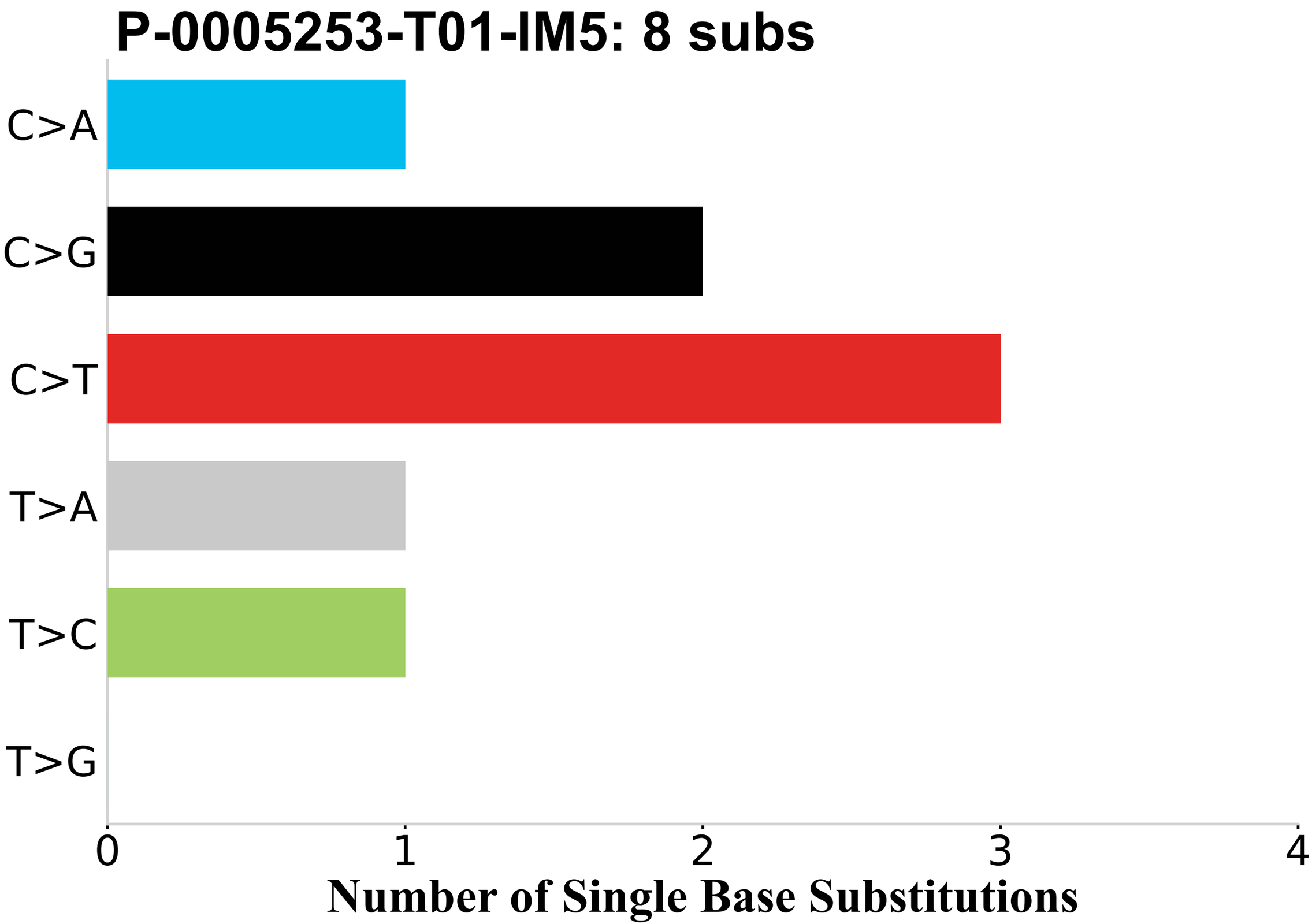
P-0004940-T01-IM5: 2 subs

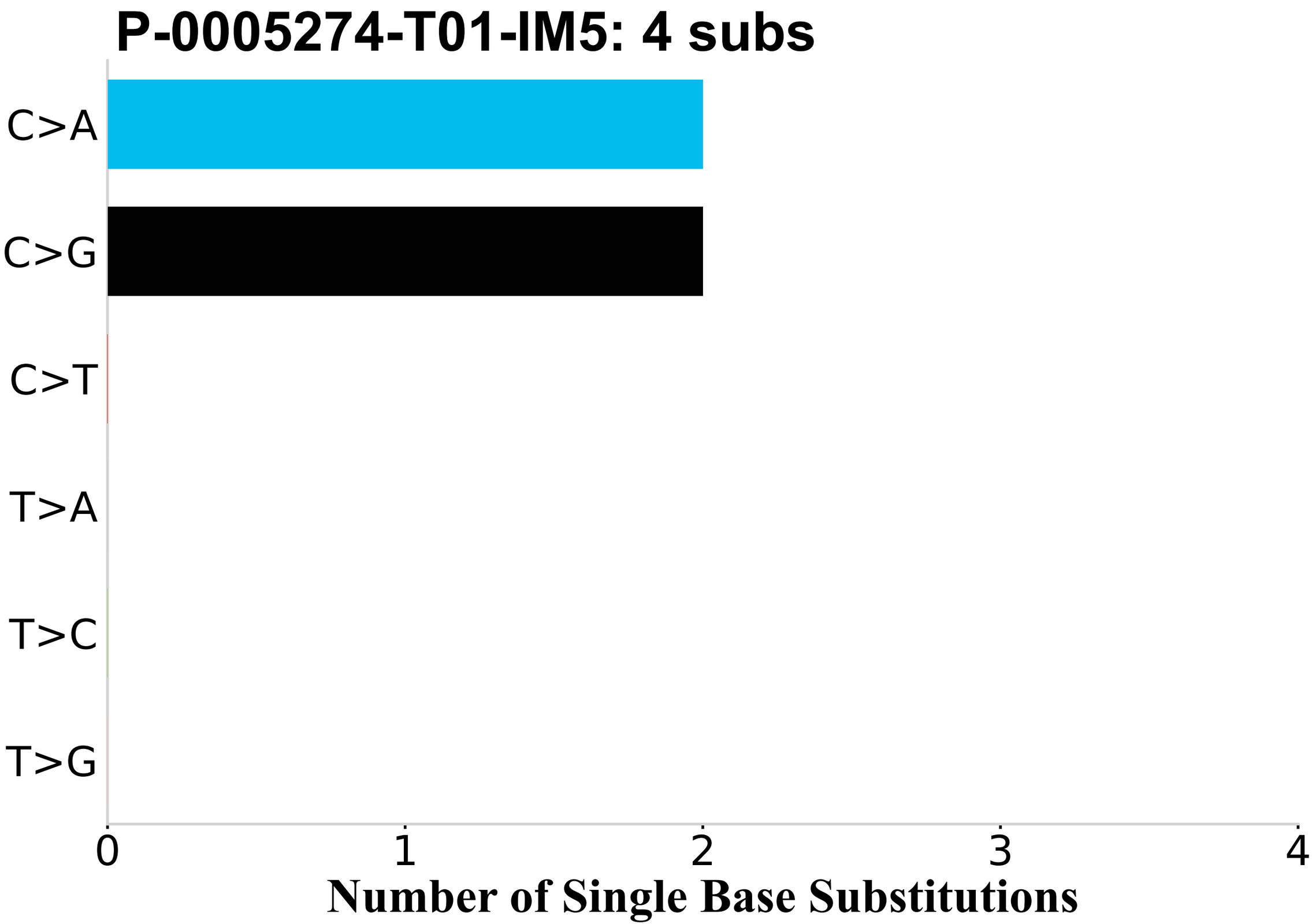



P-0005158-T01-IM5: 5 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

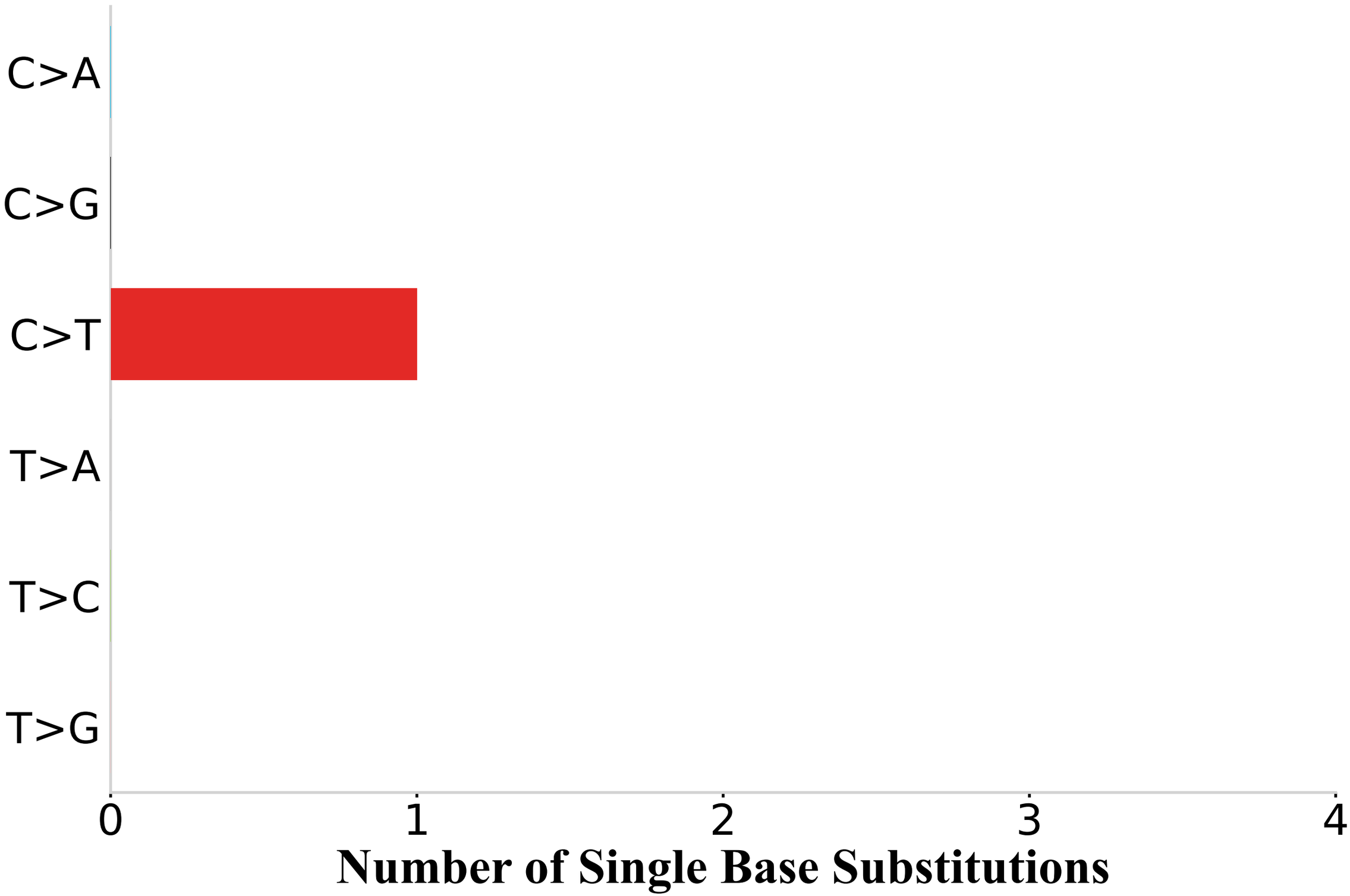
P-0005176-T01-IM5: 0 subs

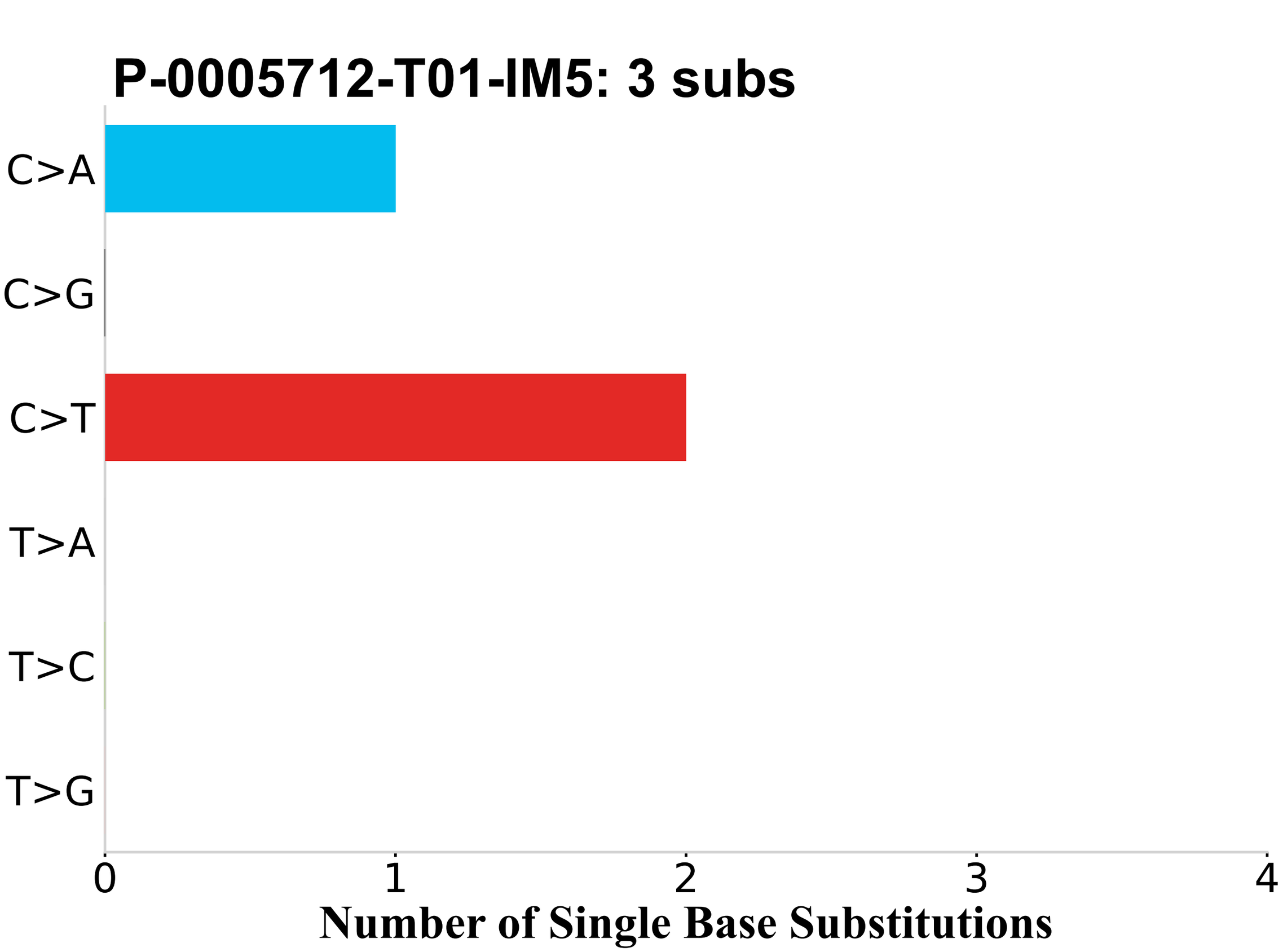


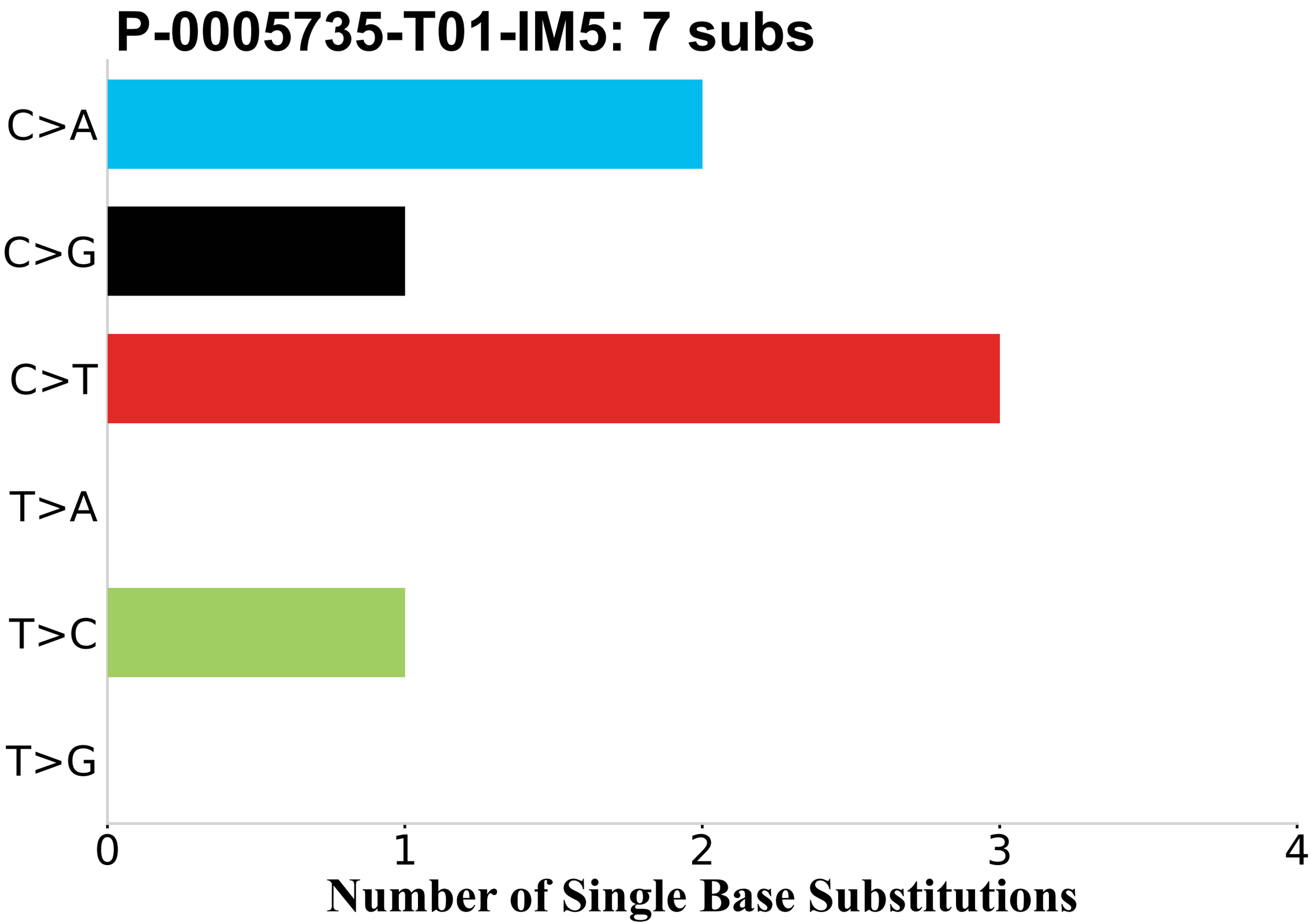

P-0005253-T01-IM5: 8 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions


P-0005274-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

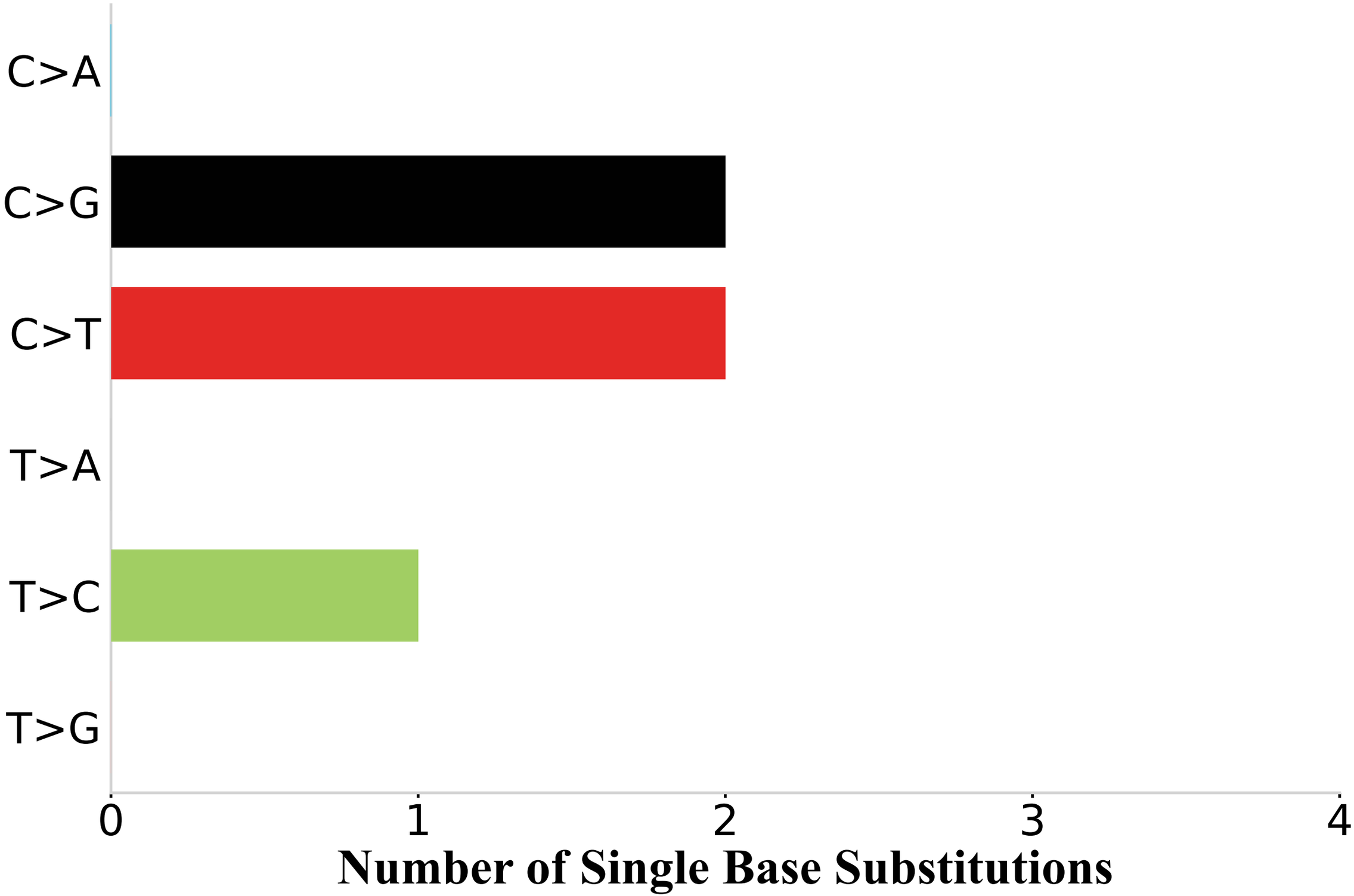
P-0005473-T01-IM5: 1 subs

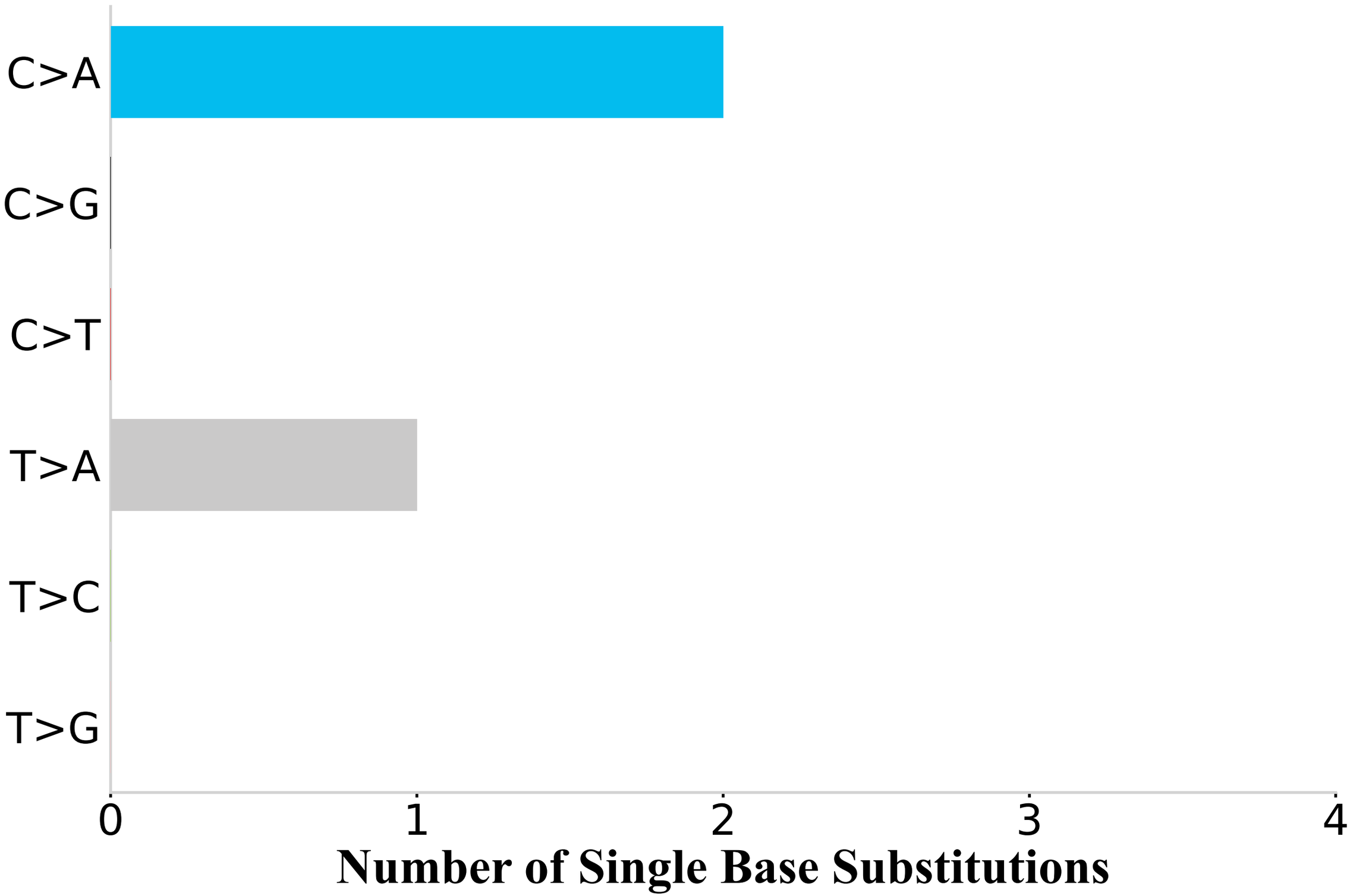



P-0005712-T01-IM5: 3 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

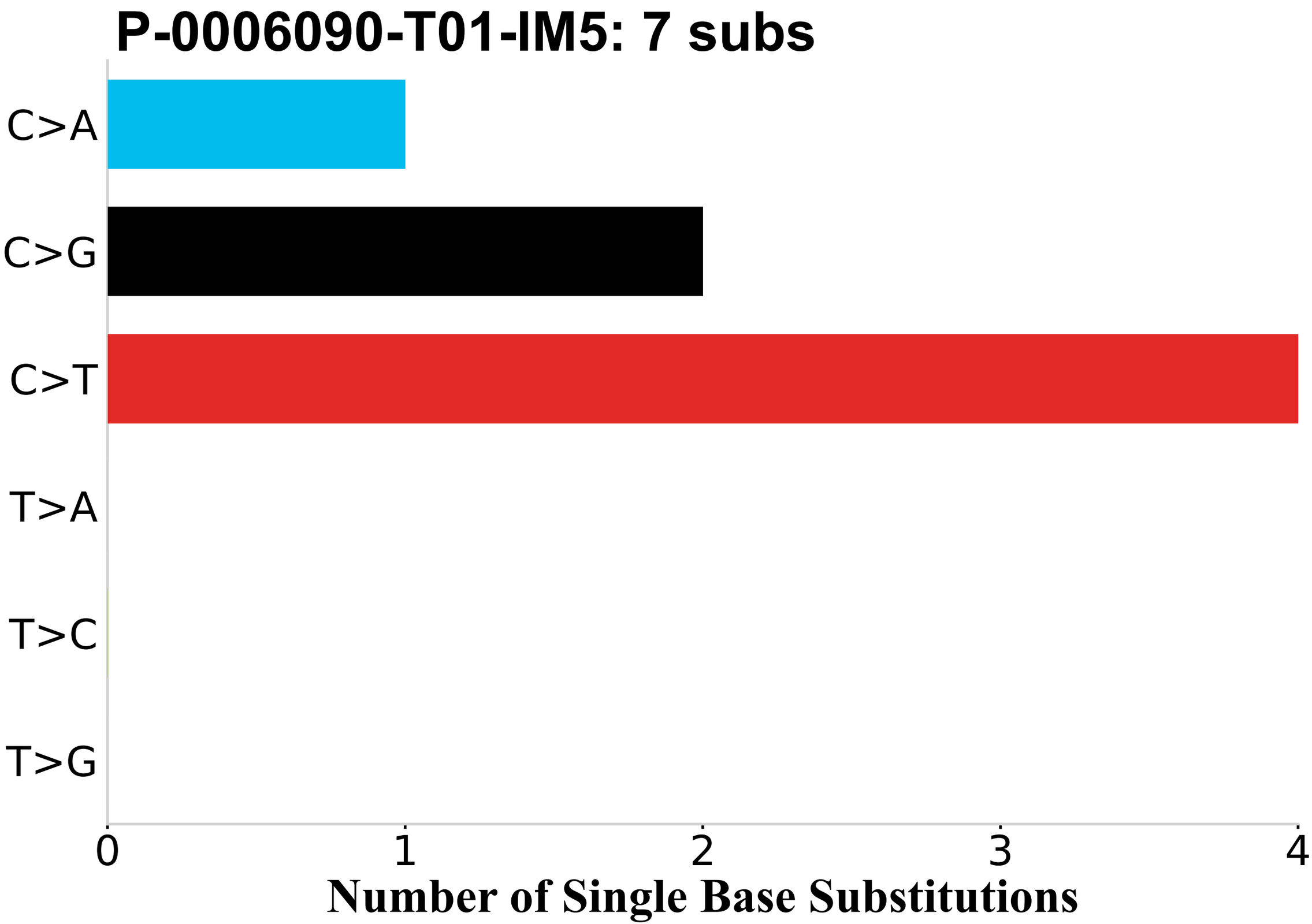

P-0005735-T01-IM5: 7 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

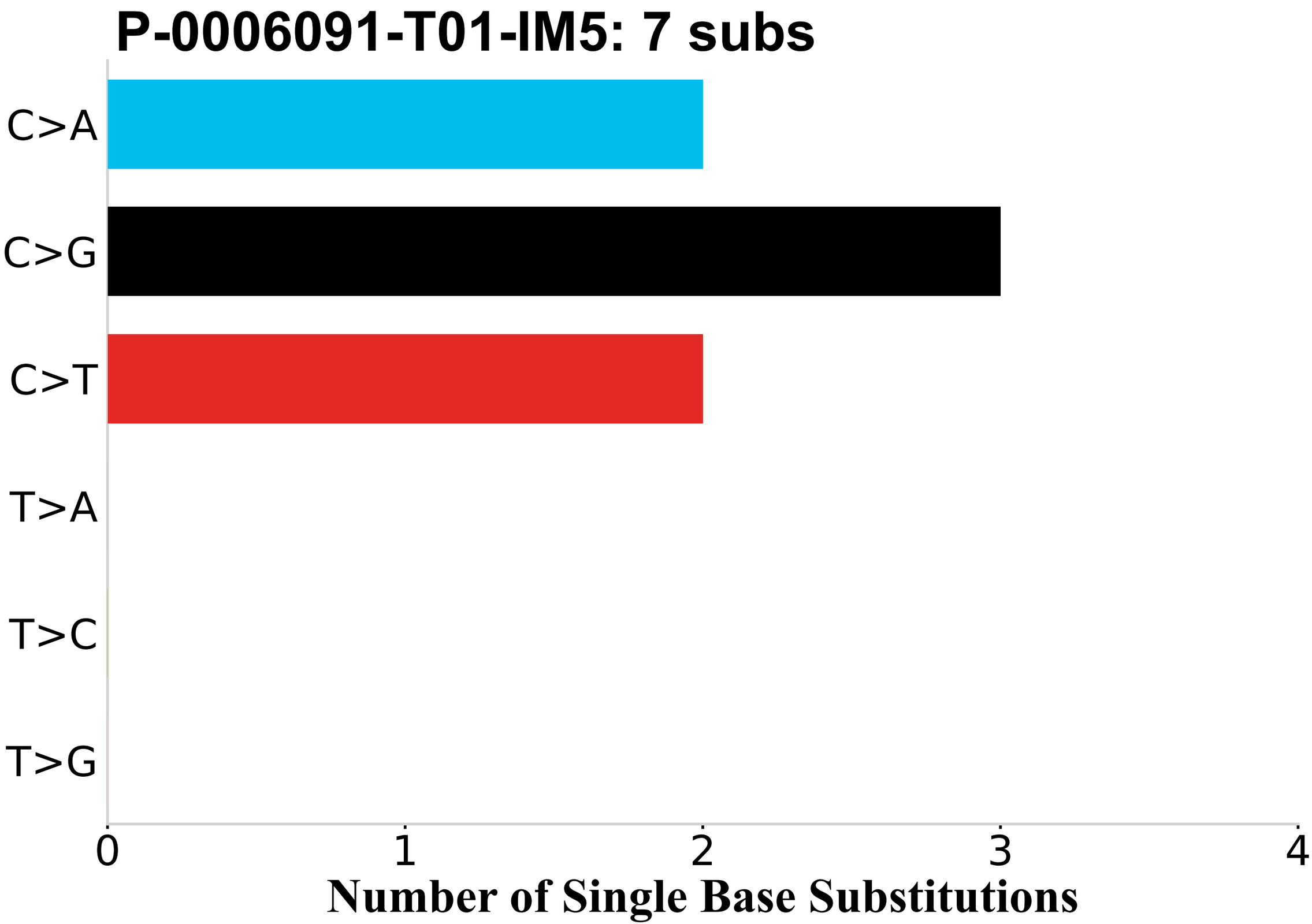
P-0005879-T01-IM5: 5 subs



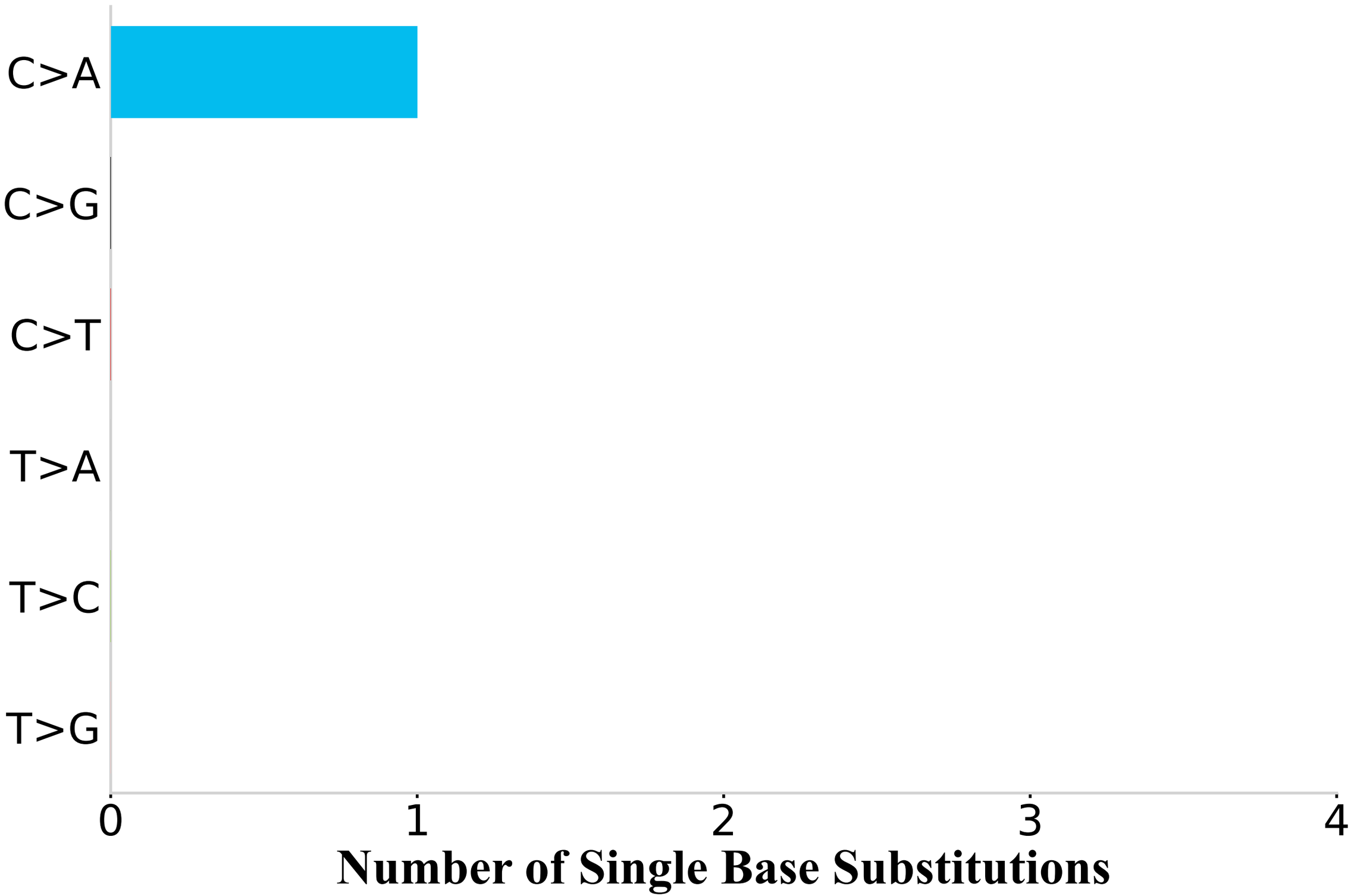

P-0005907-T01-IM5: 3 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

P-0005915-T01-IM5: 5 subs

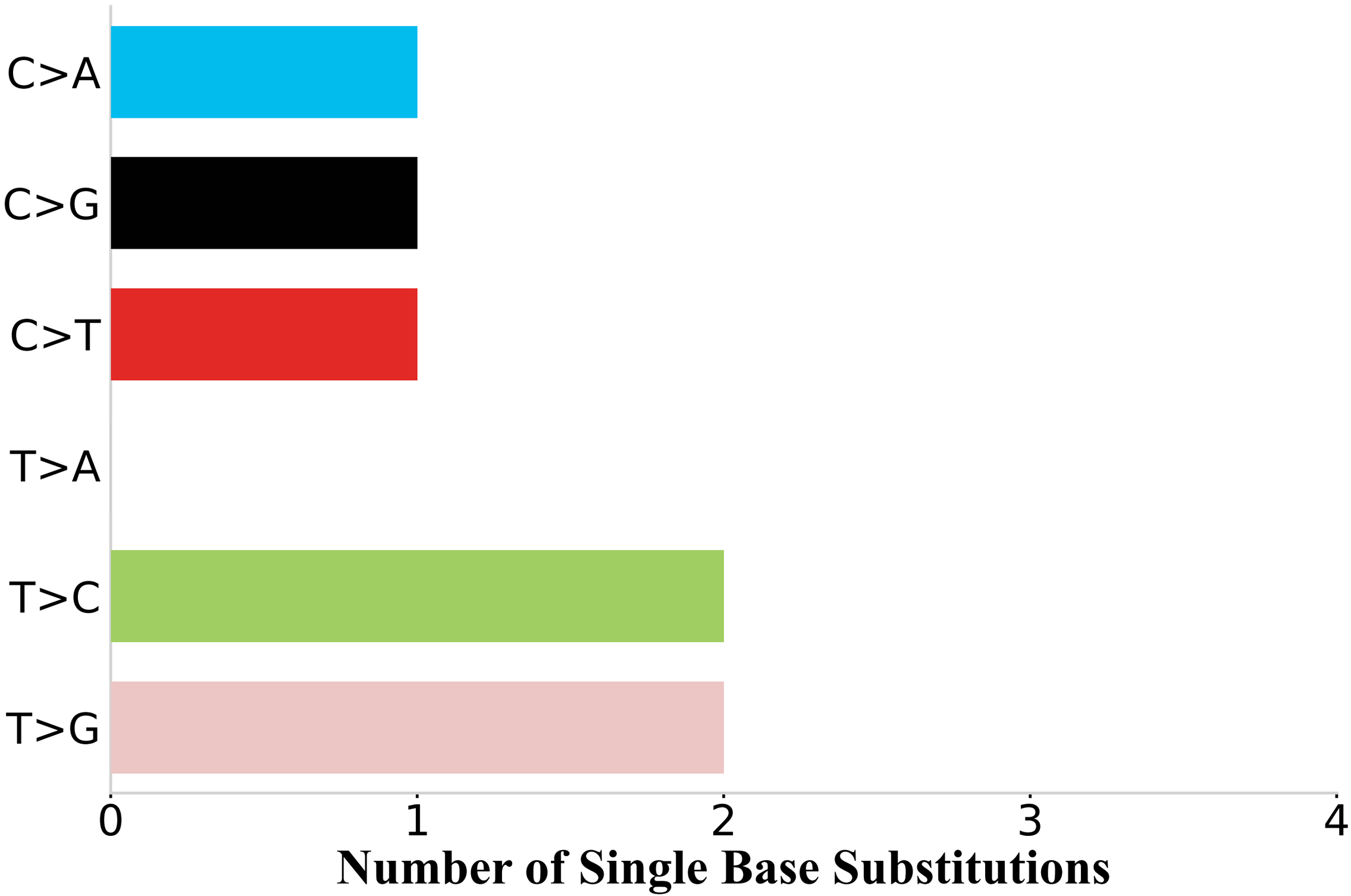

P-0006090-T01-IM5: 7 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions


P-0006091-T01-IM5: 7 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

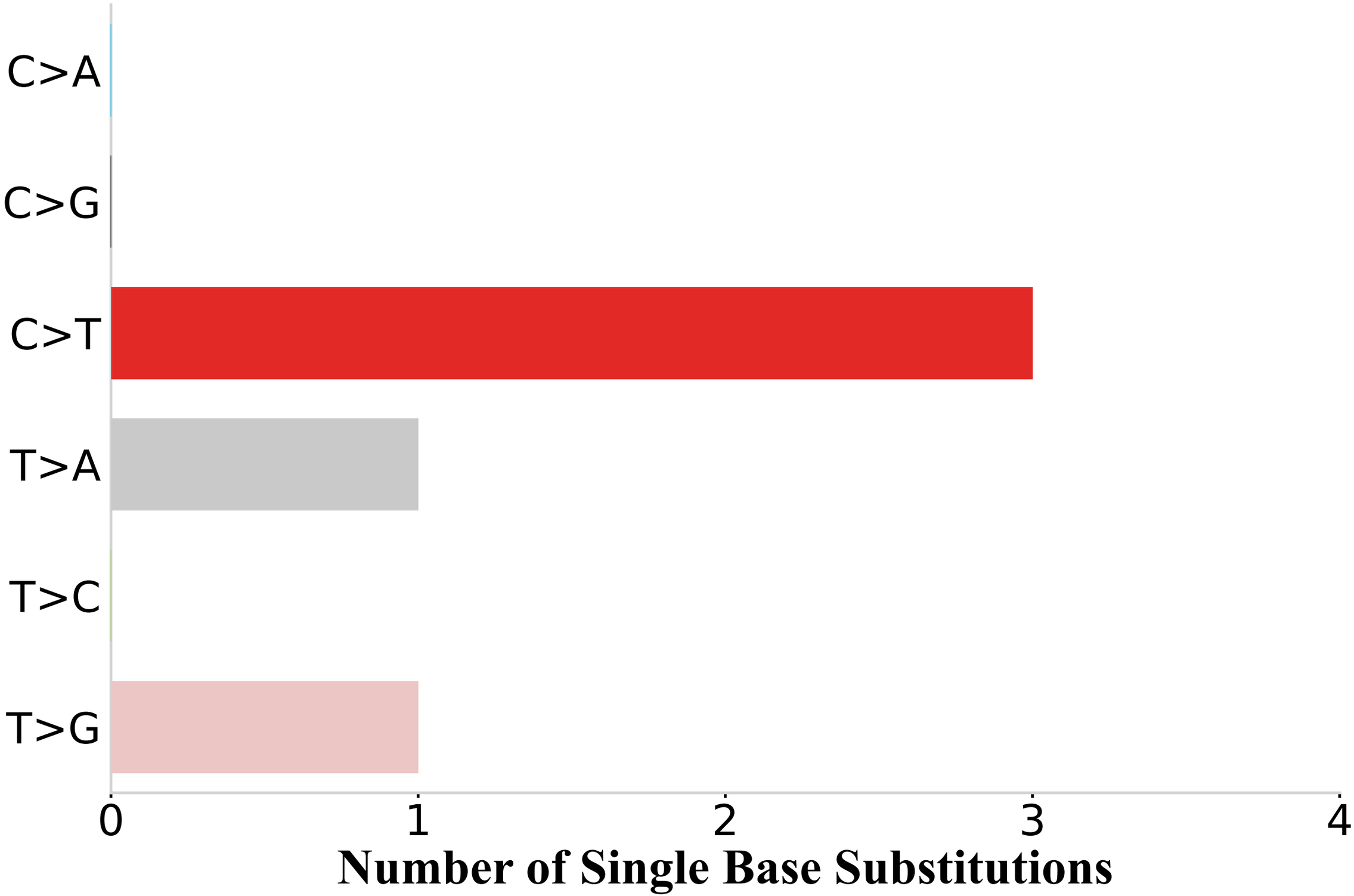
P-0006256-T01-IM5: 1 subs



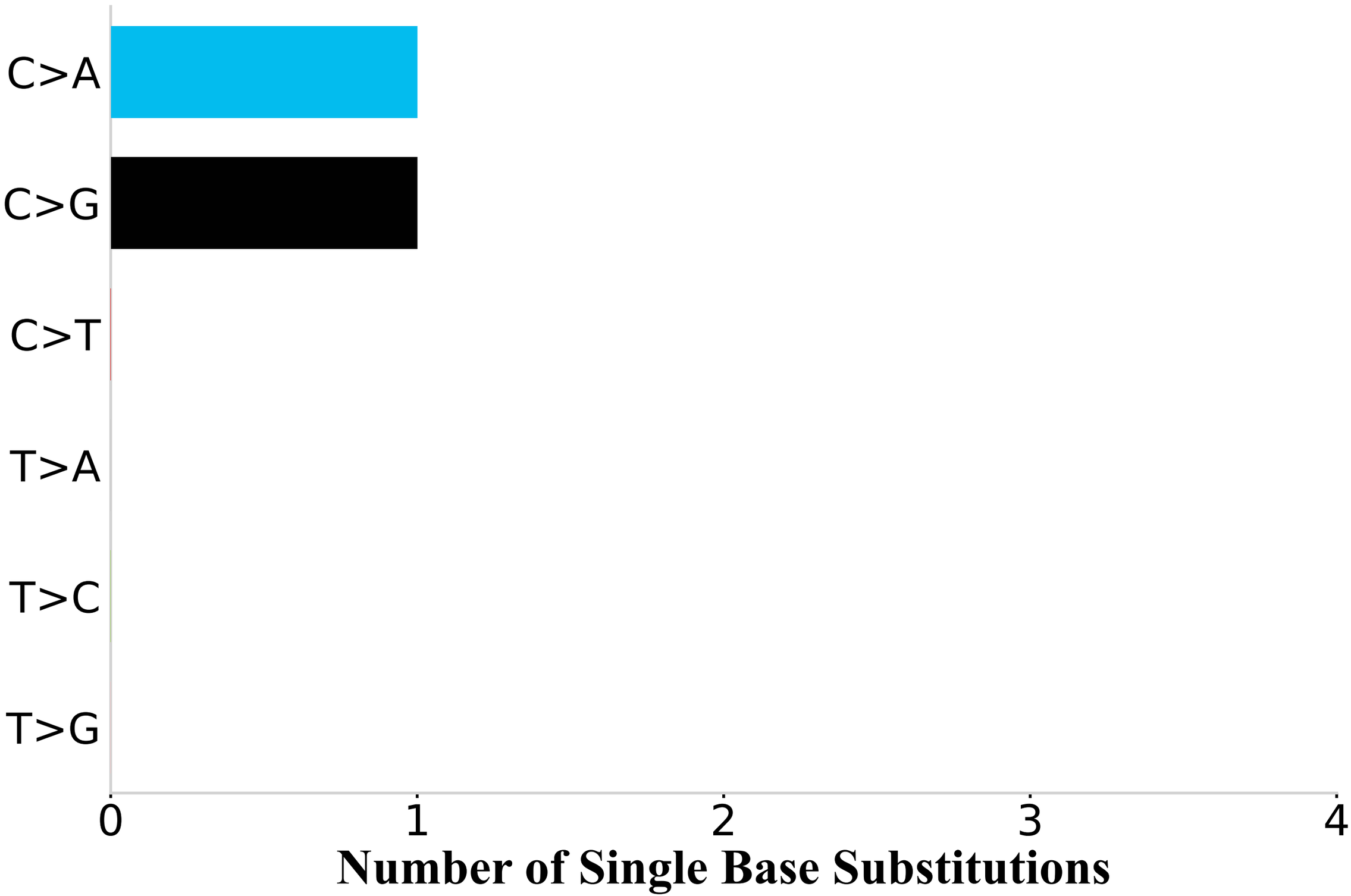
P-0006493-T01-IM5: 7 subs



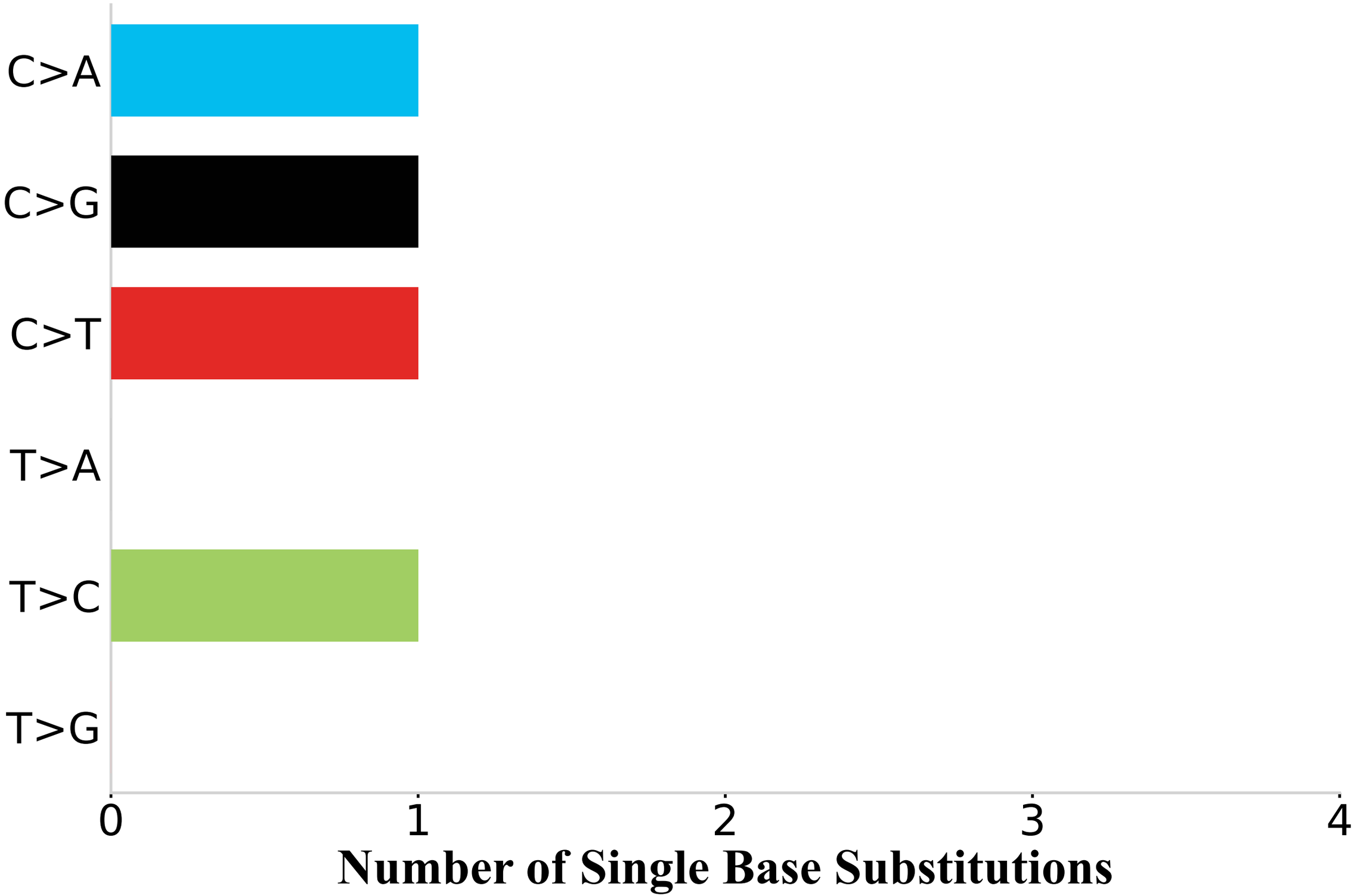
P-0006504-T02-IM5: 5 subs



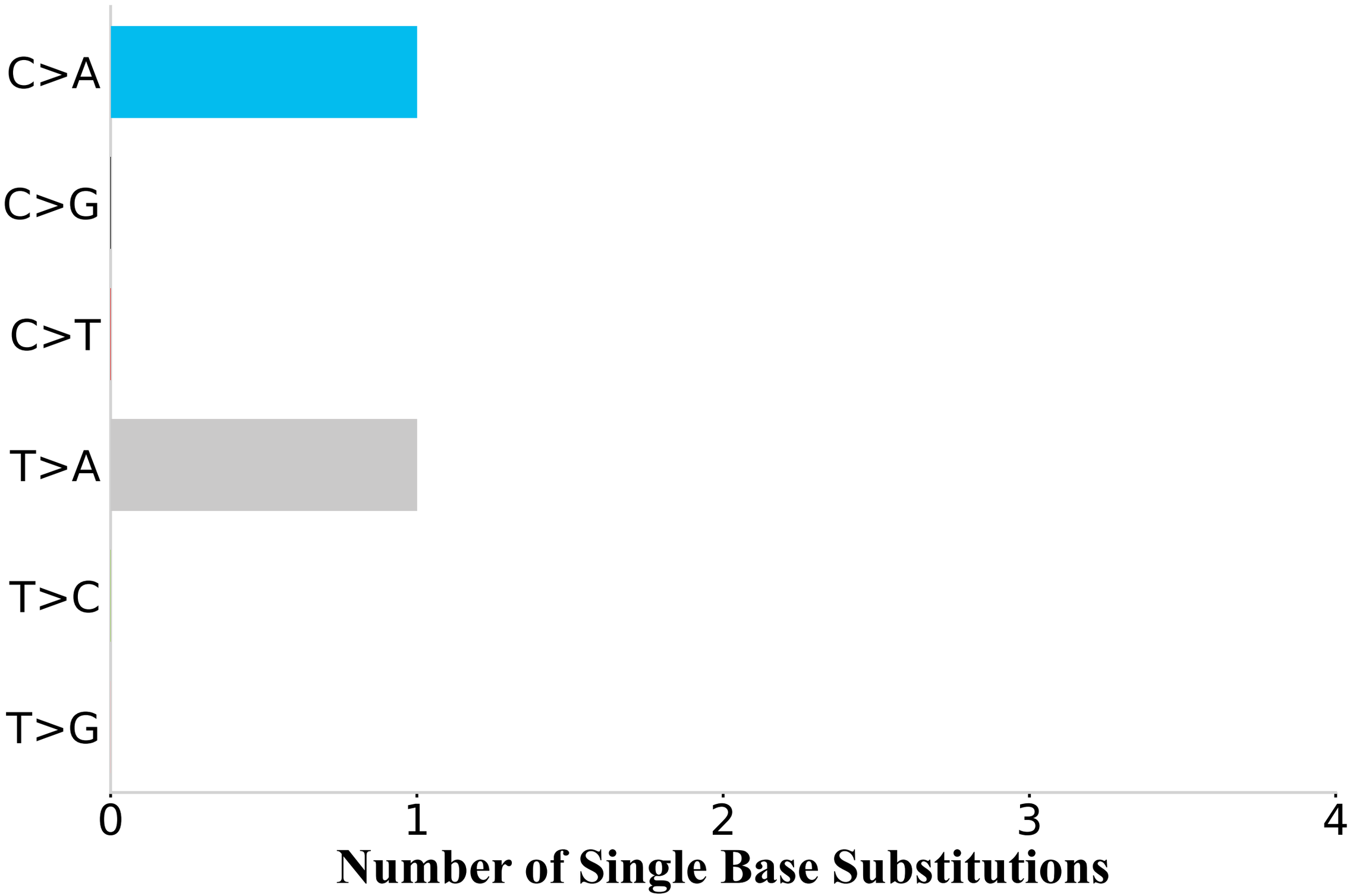
P-0006544-T02-IM5: 2 subs



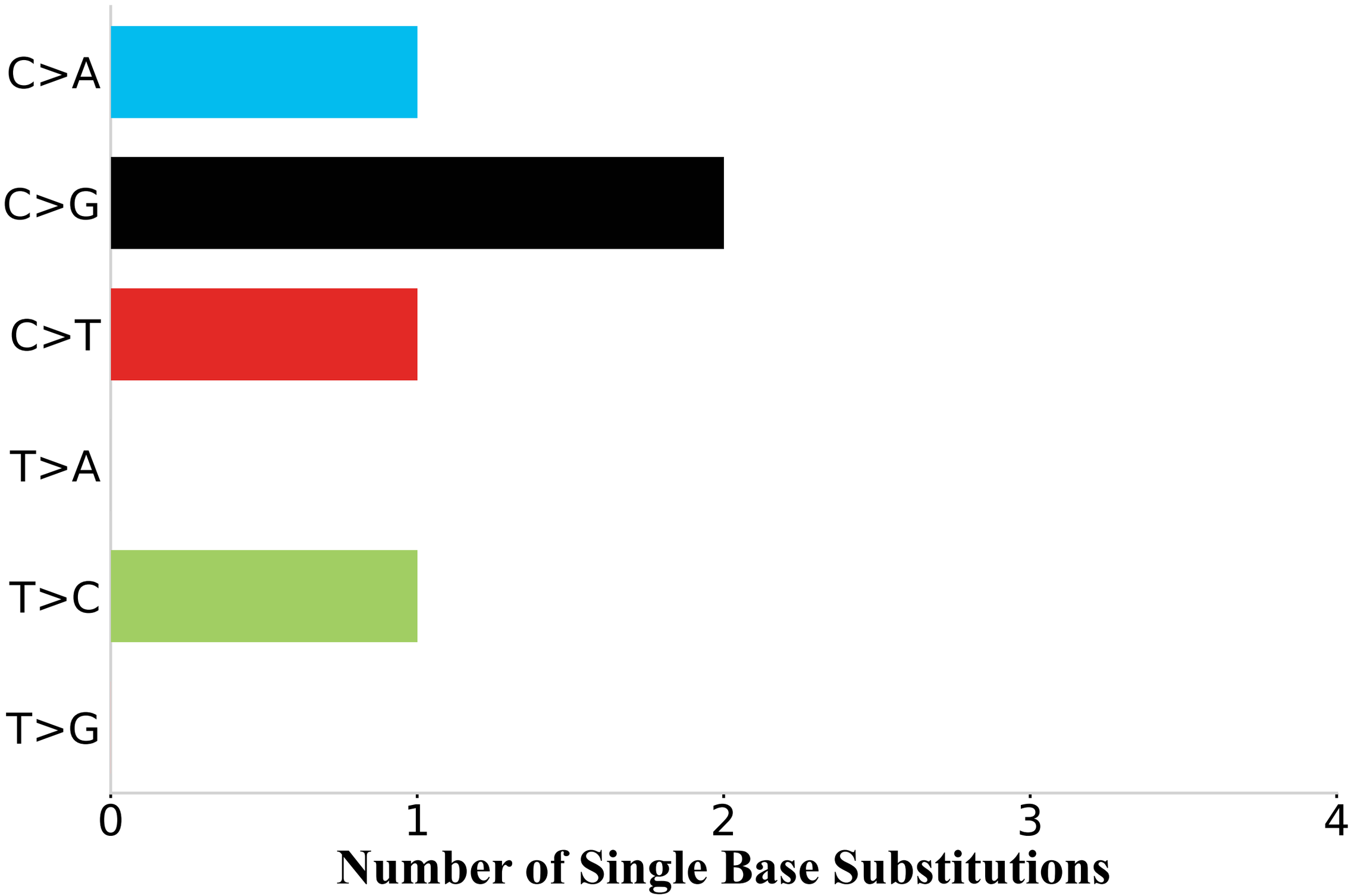
P-0006675-T01-IM5: 4 subs



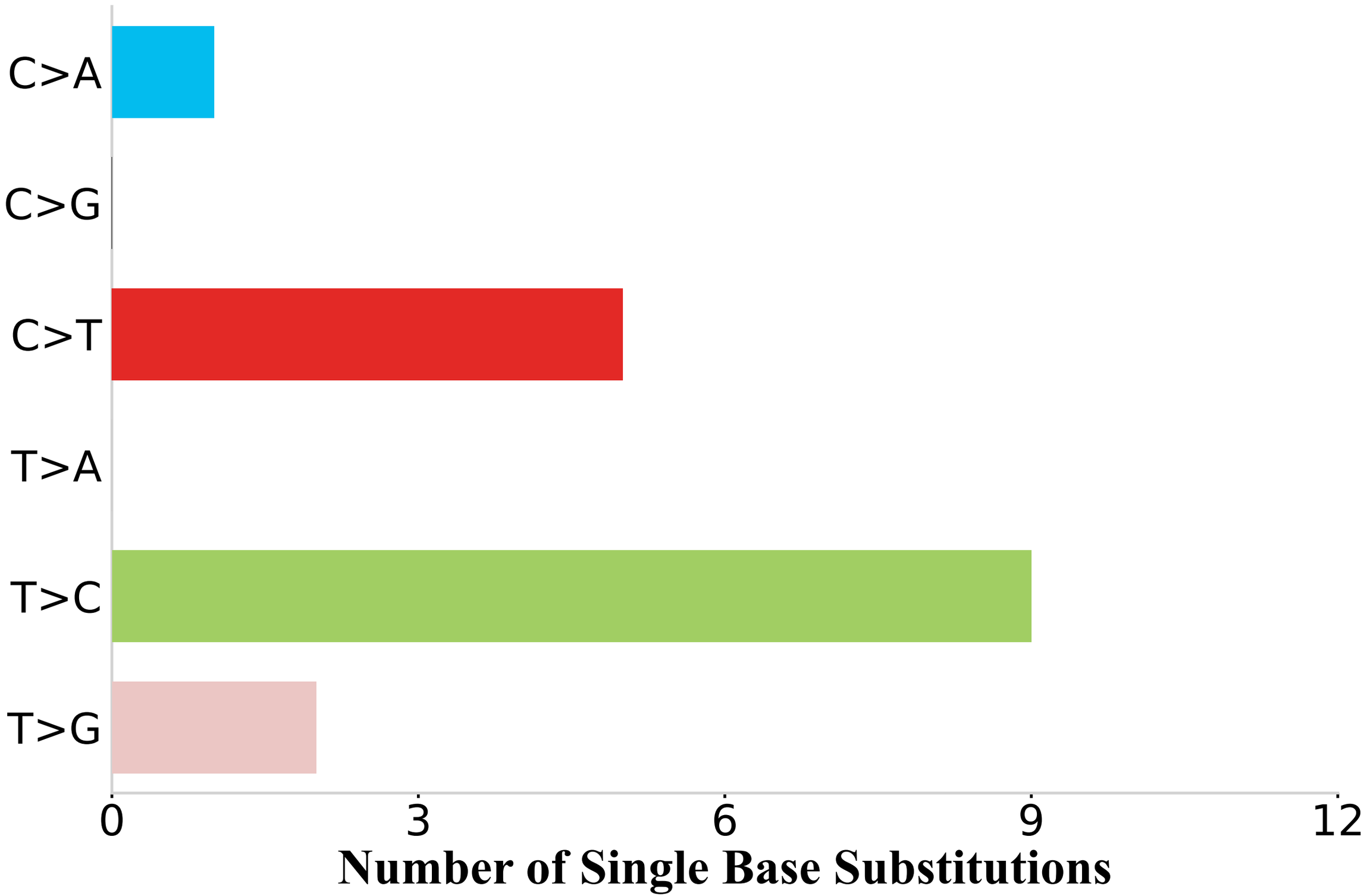
P-0006703-T01-IM5: 2 subs

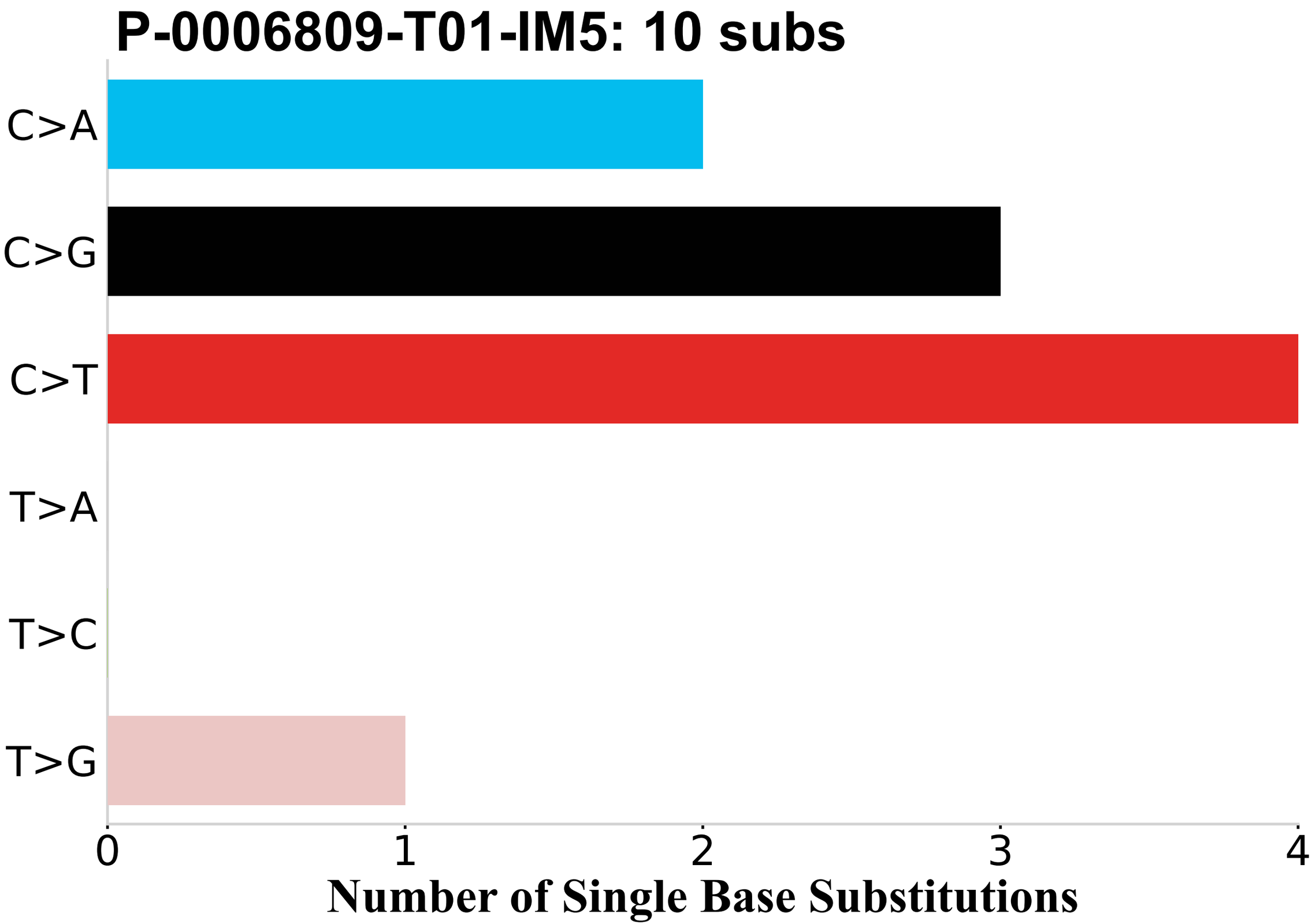


P-0006769-T01-IM5: 5 subs

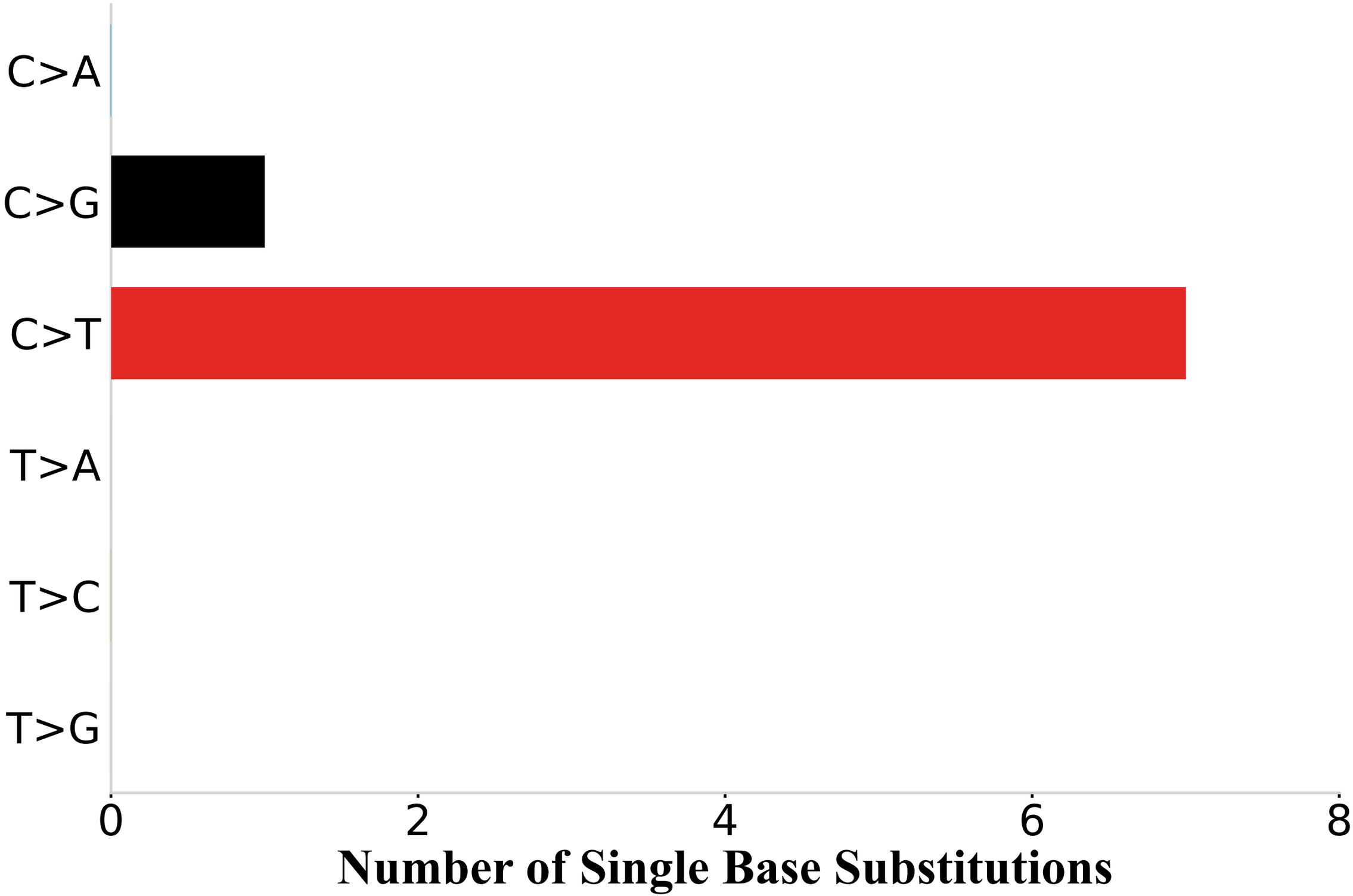


P-0006772-T01-IM5: 17 subs



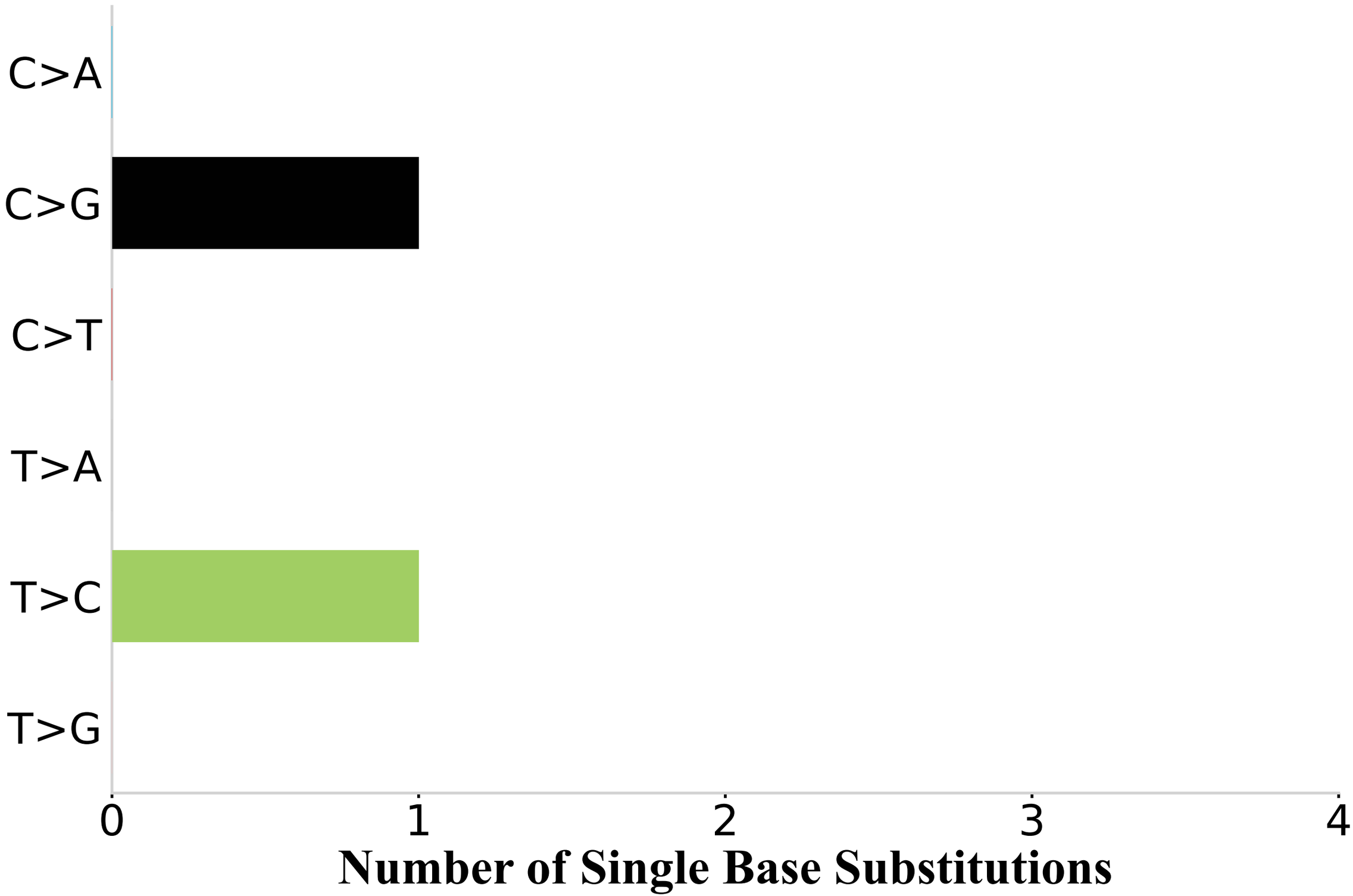

P-0006809-T01-IM5: 10 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

P-0006831-T01-IM5: 8 subs

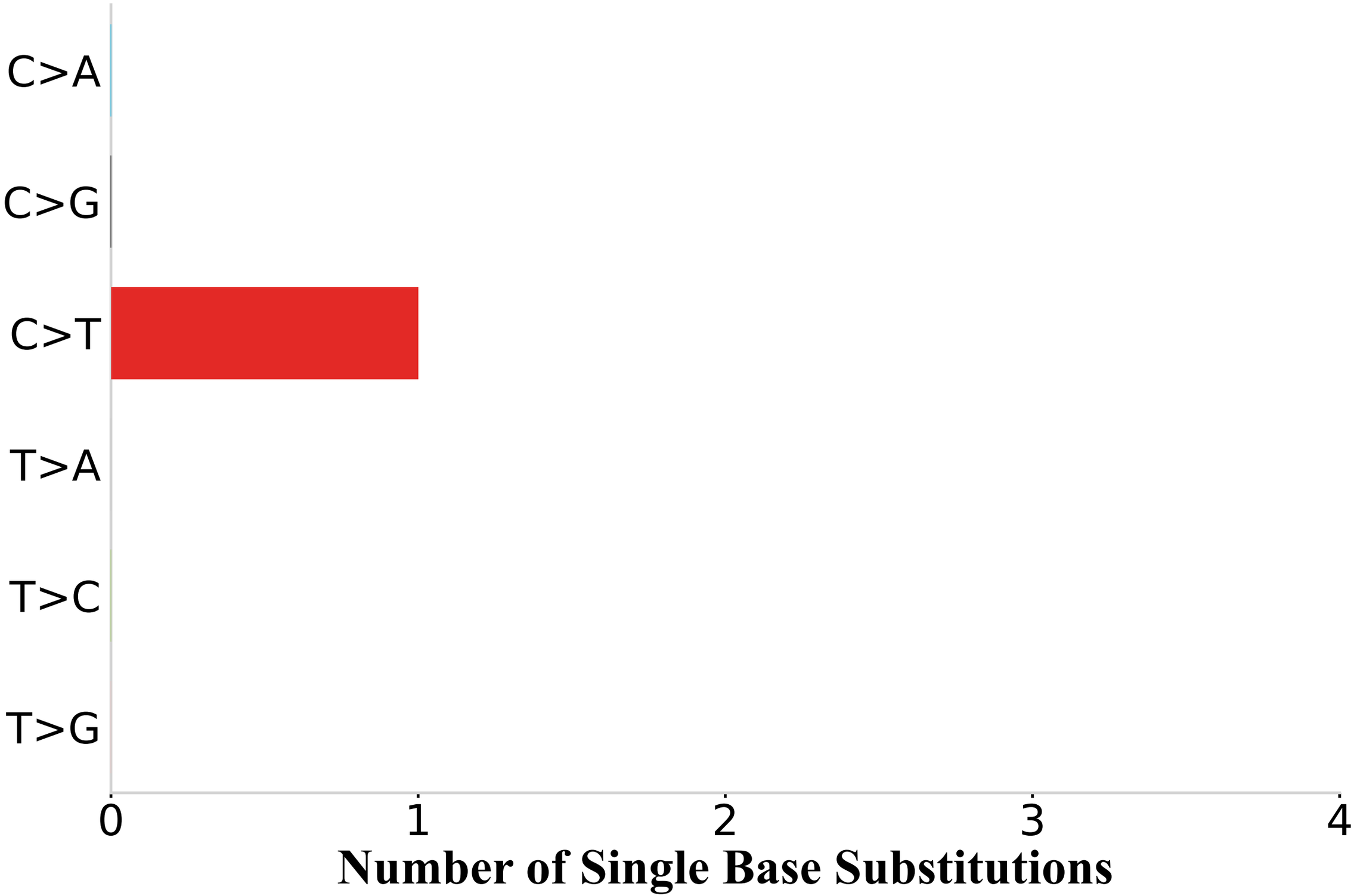


P-0006948-T01-IM5: 3 subs

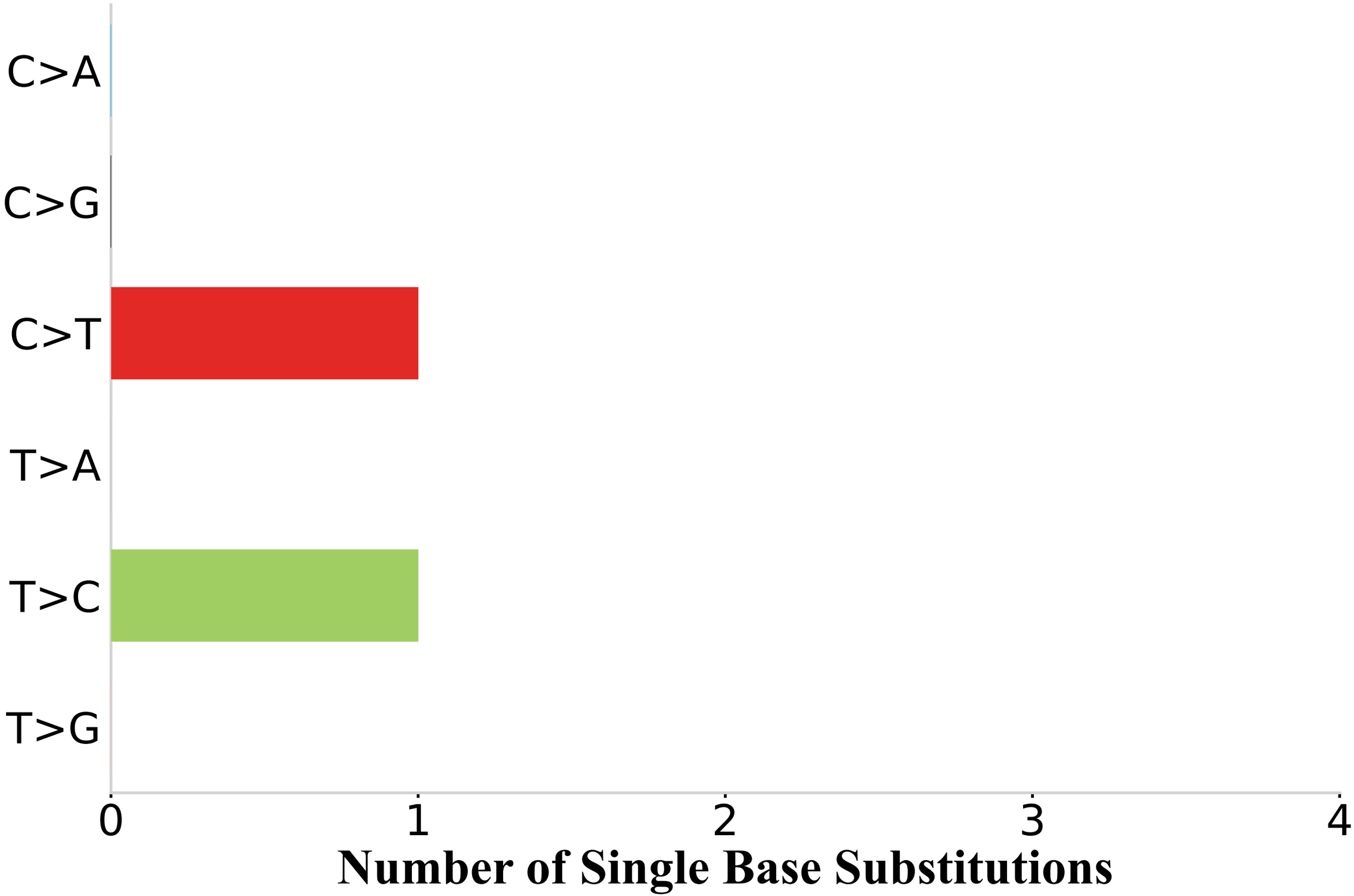
P-0007161-T01-IM5: 2 subs

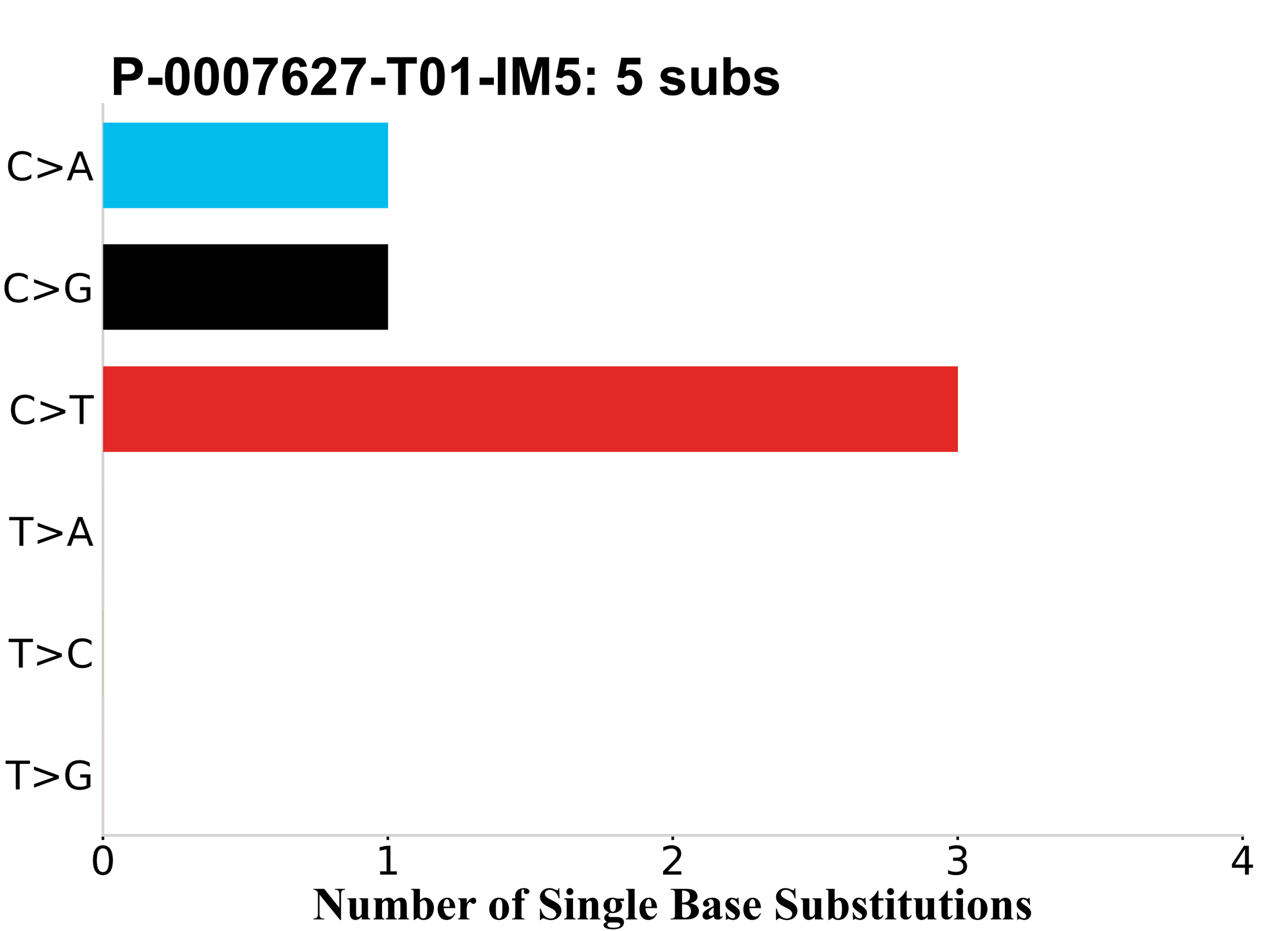


P-0007317-T01-IM5: 1 subs

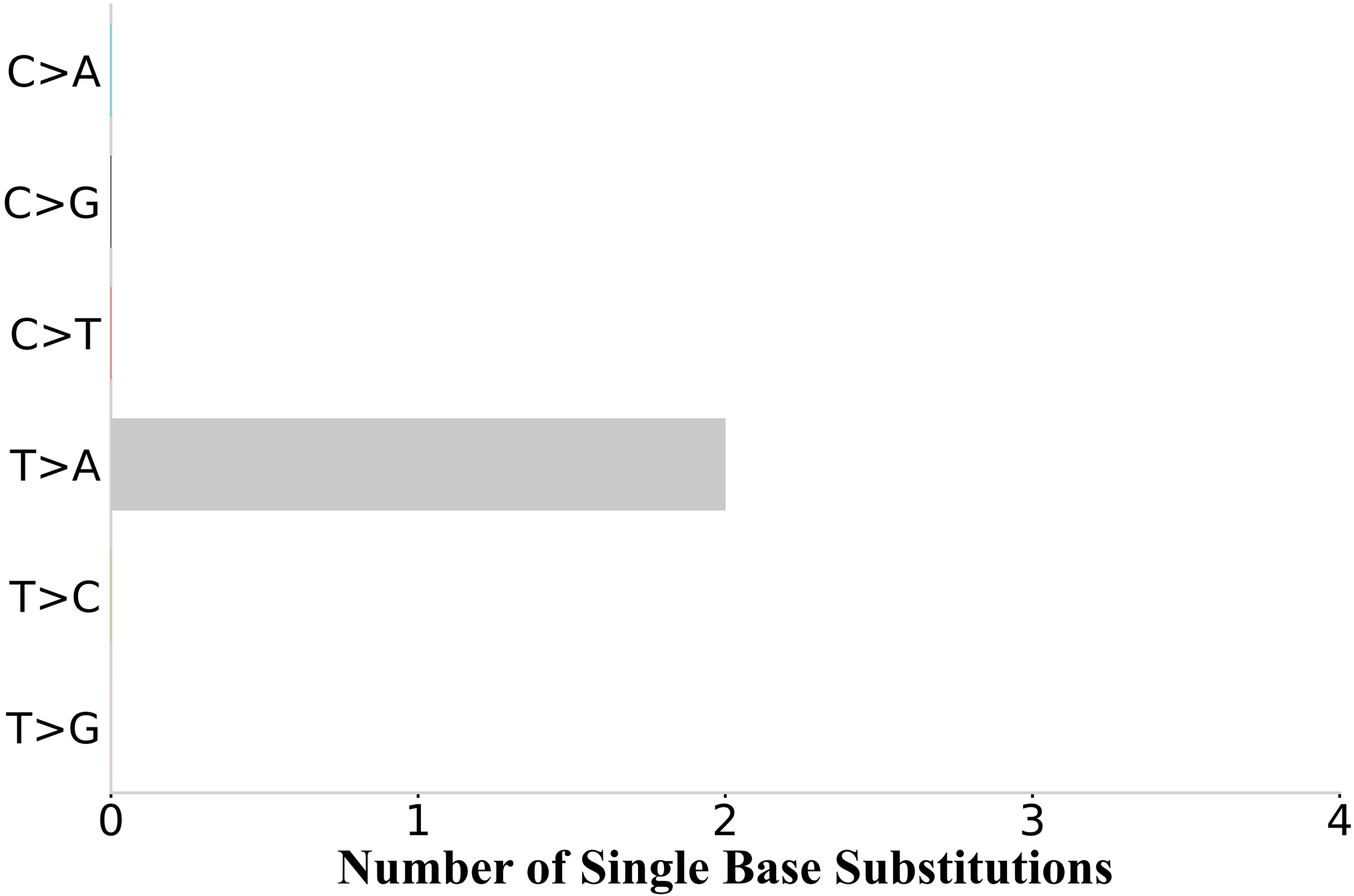


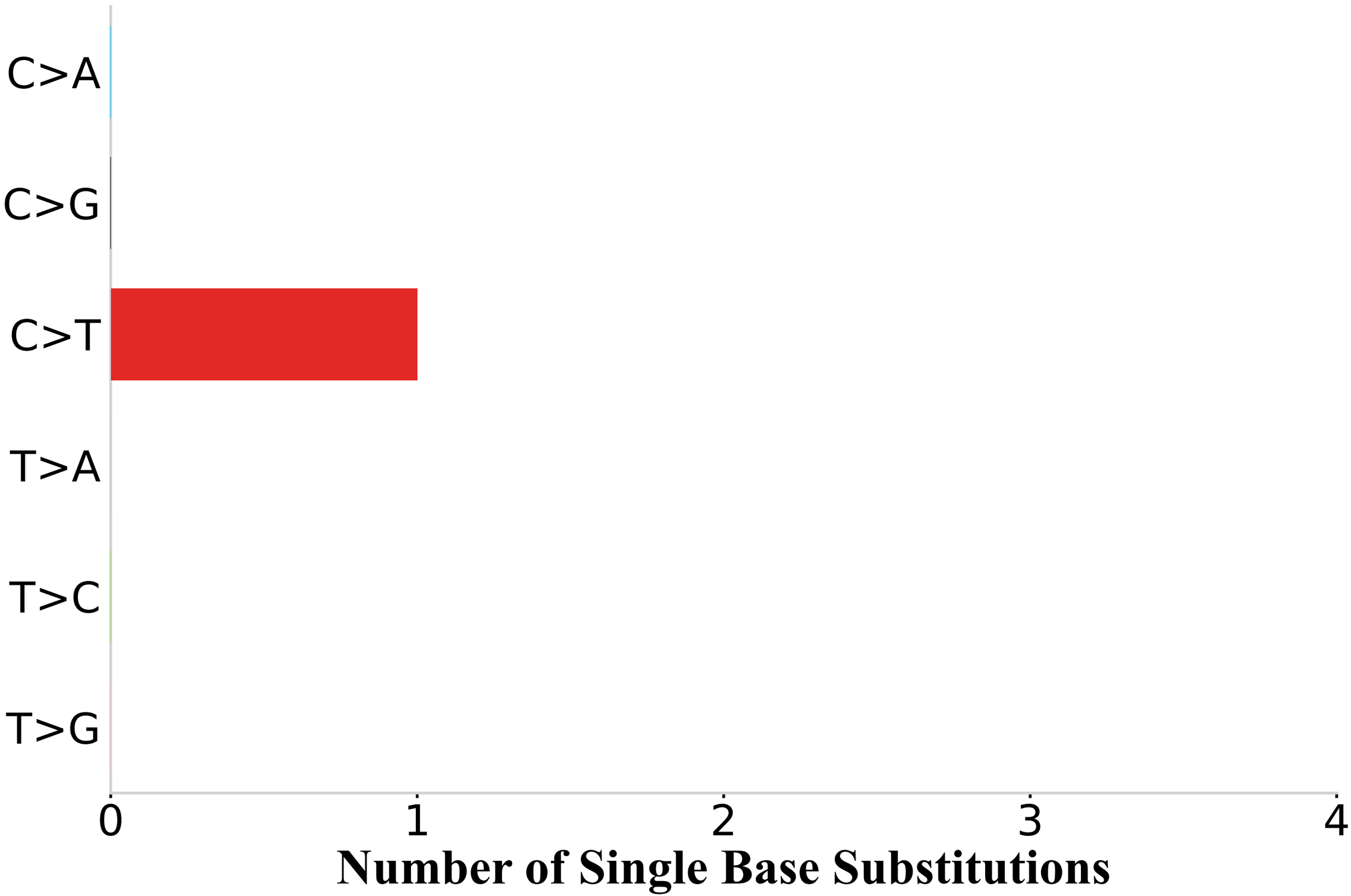
P-0007364-T01-IM5: 2 subs



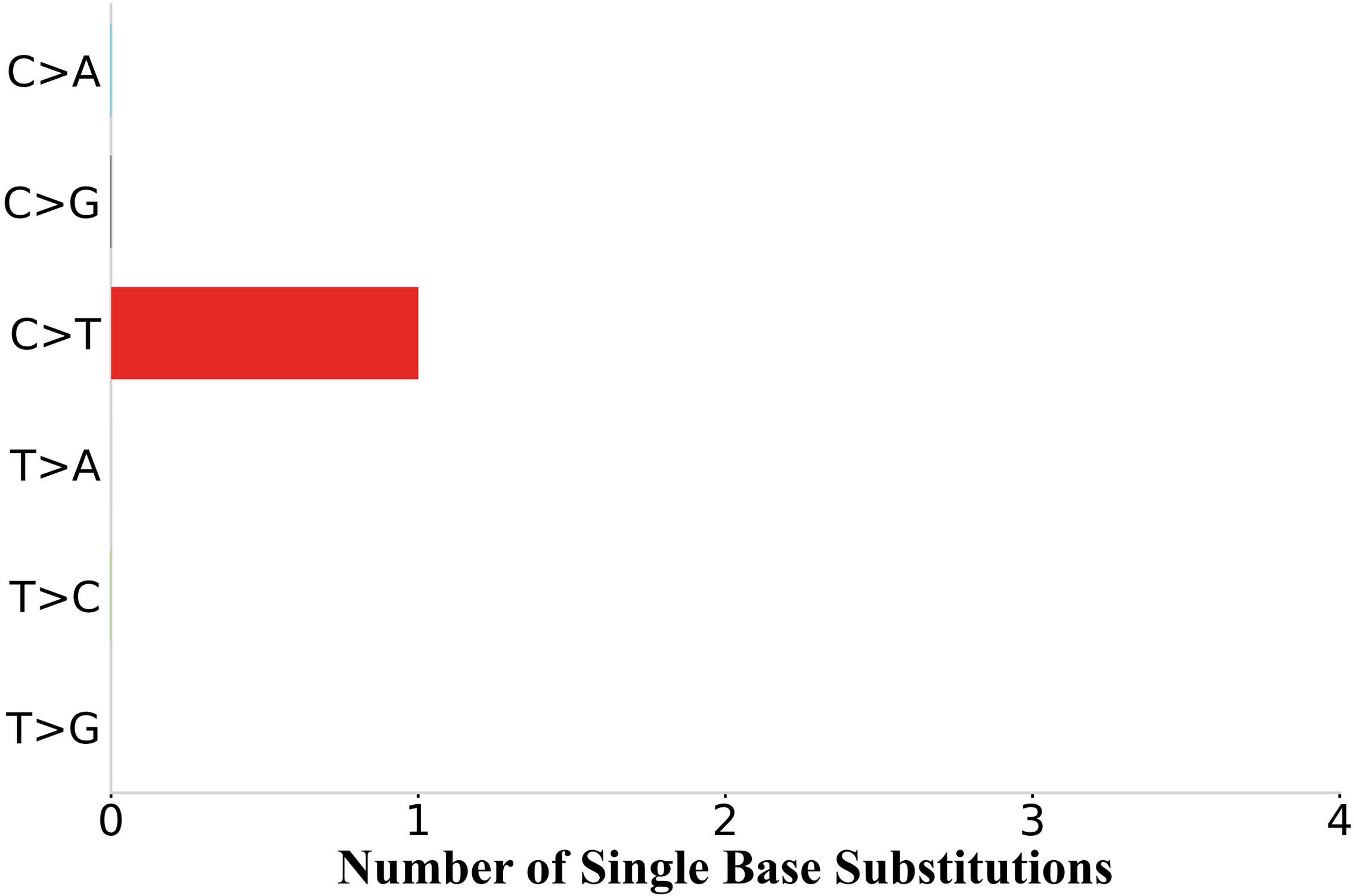

P-0007627-T01-IM5: 5 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

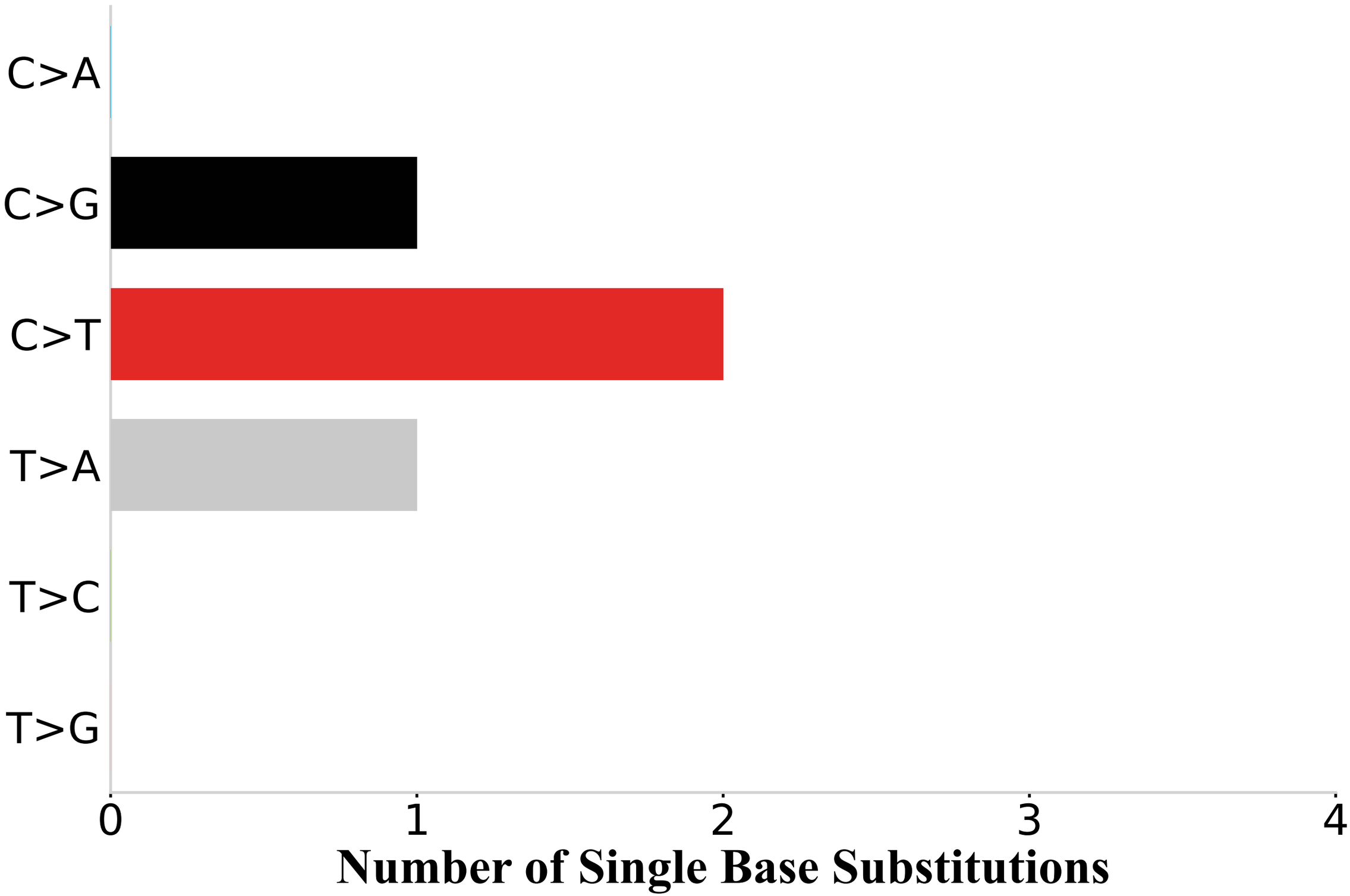
P-0007750-T01-IM5: 2 subs

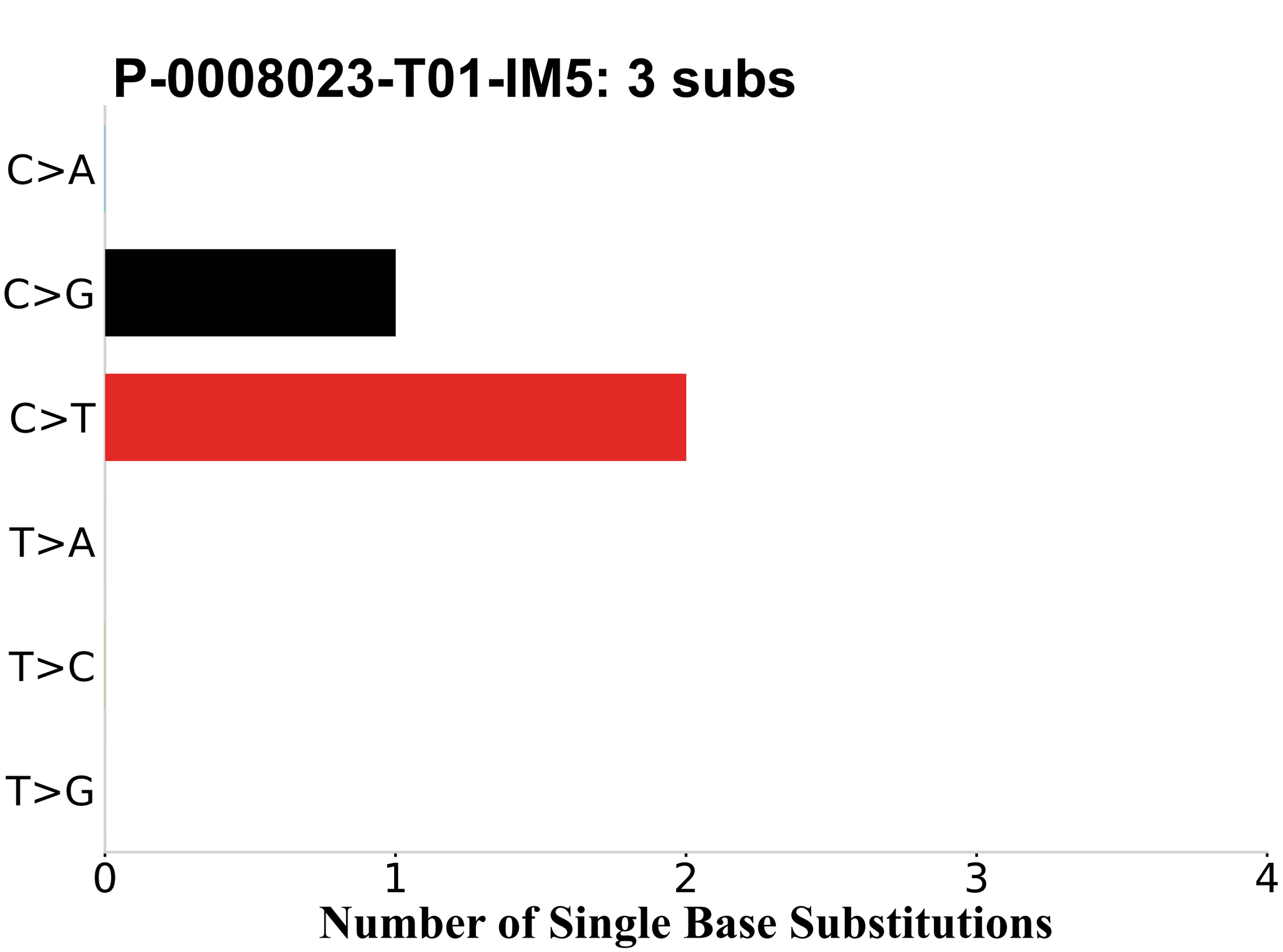



P-0007794-T01-IM5: 1 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

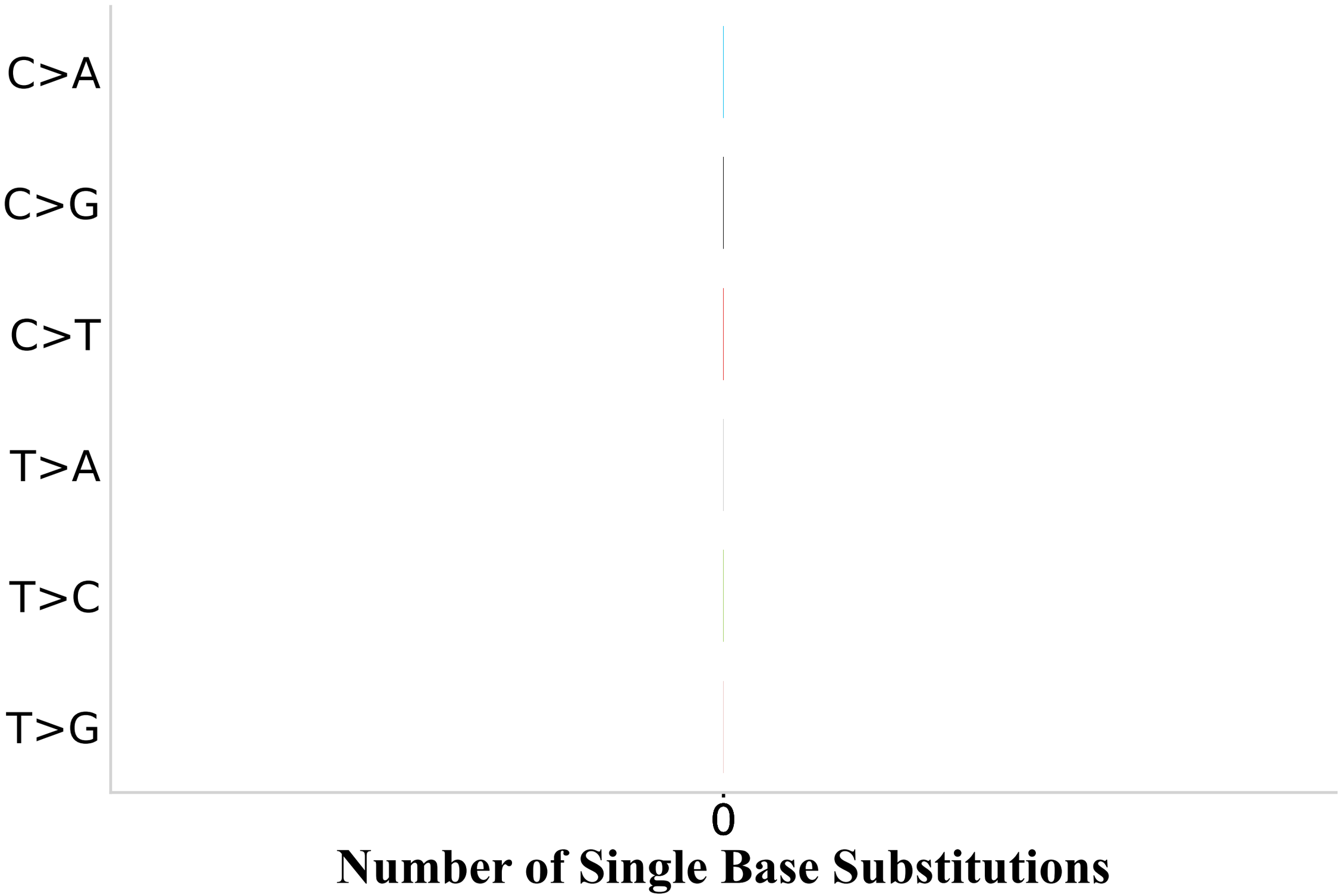
P-0007926-T01-IM5: 1 subs

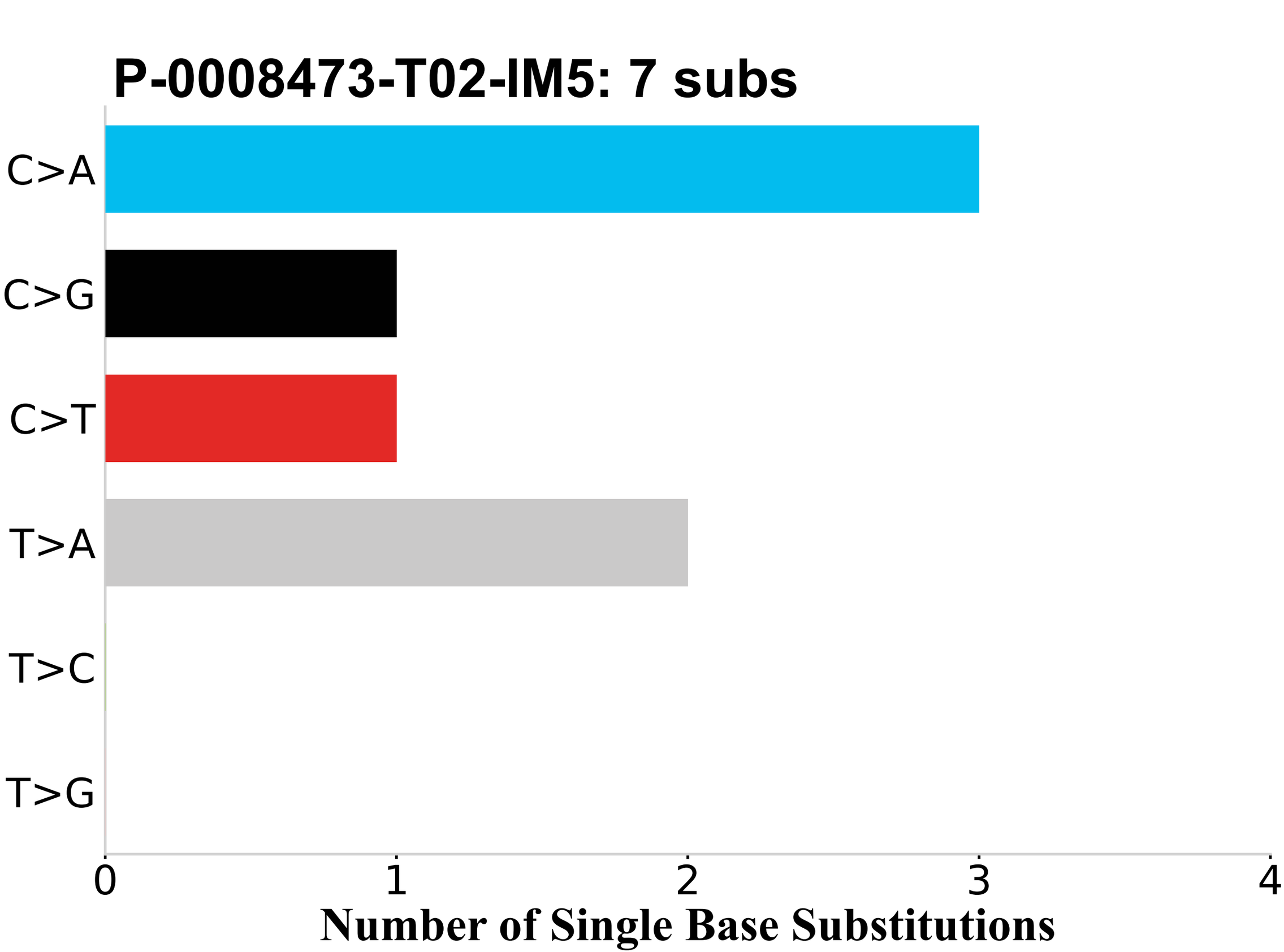


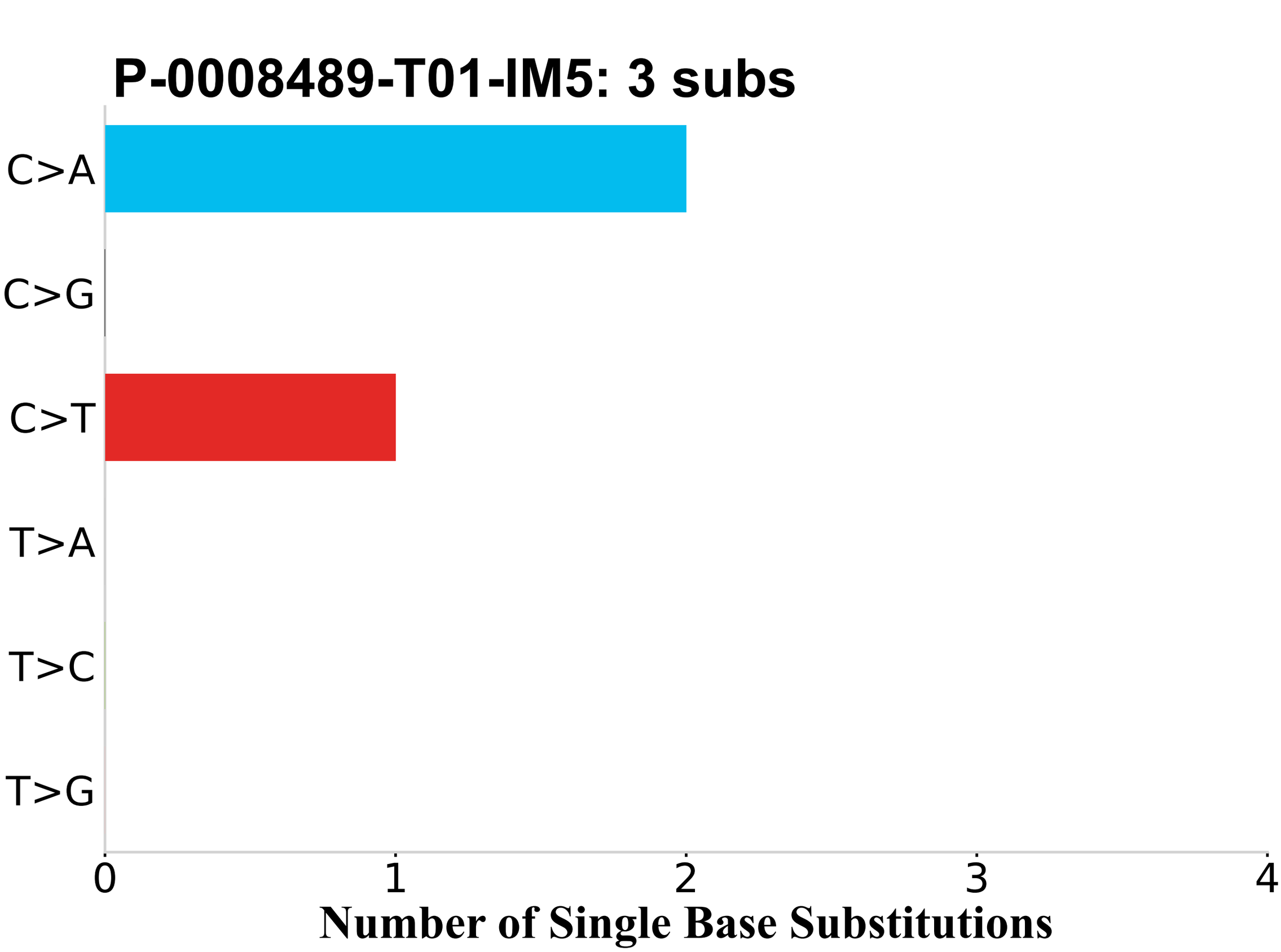

P-0007987-T01-IM5: 4 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions


P-0008023-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

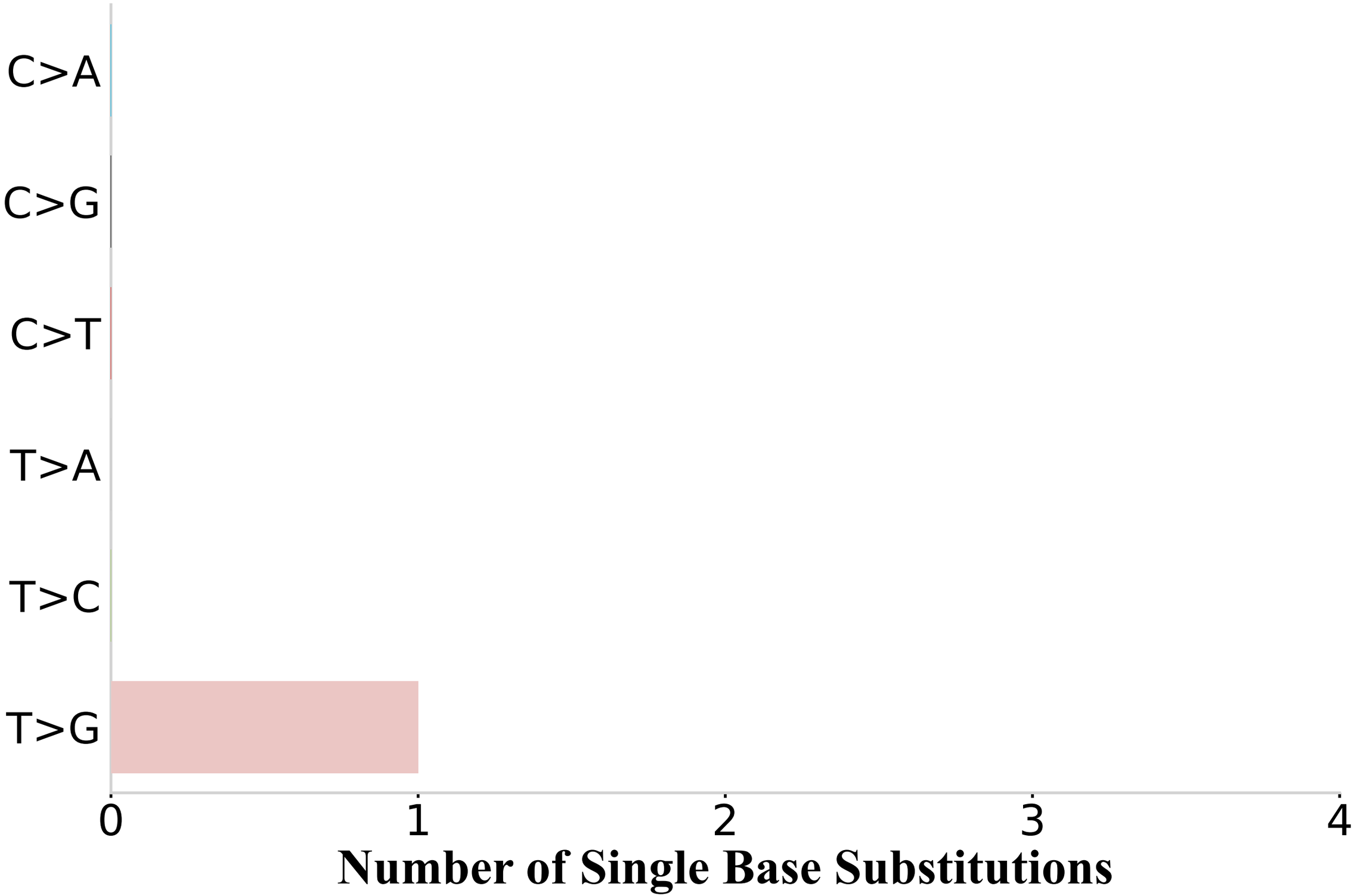
P-0008373-T01-IM5: 0 subs



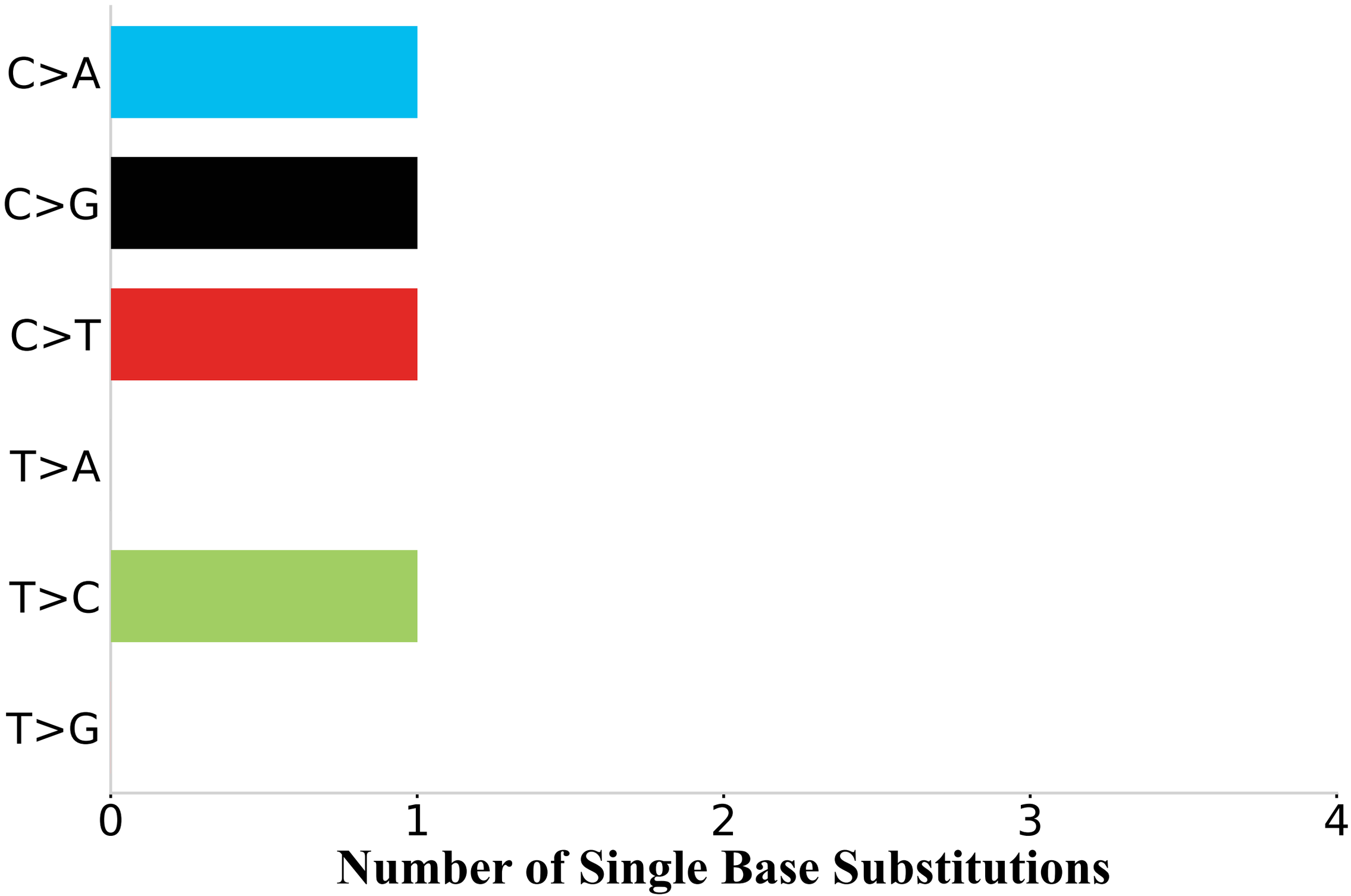

P-0008473-T02-IM5: 7 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions


P-0008489-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

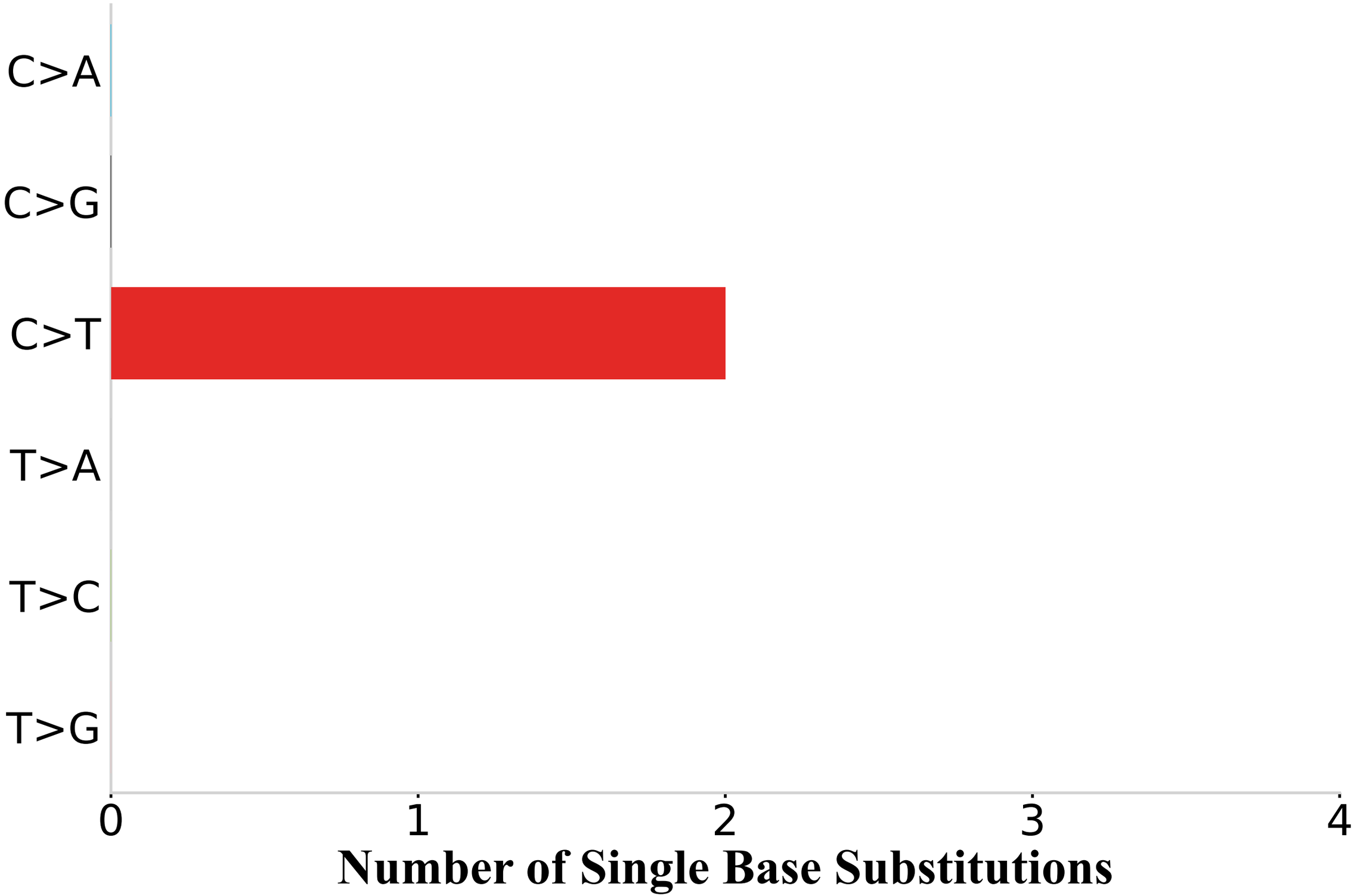
P-0008538-T01-IM5: 1 subs

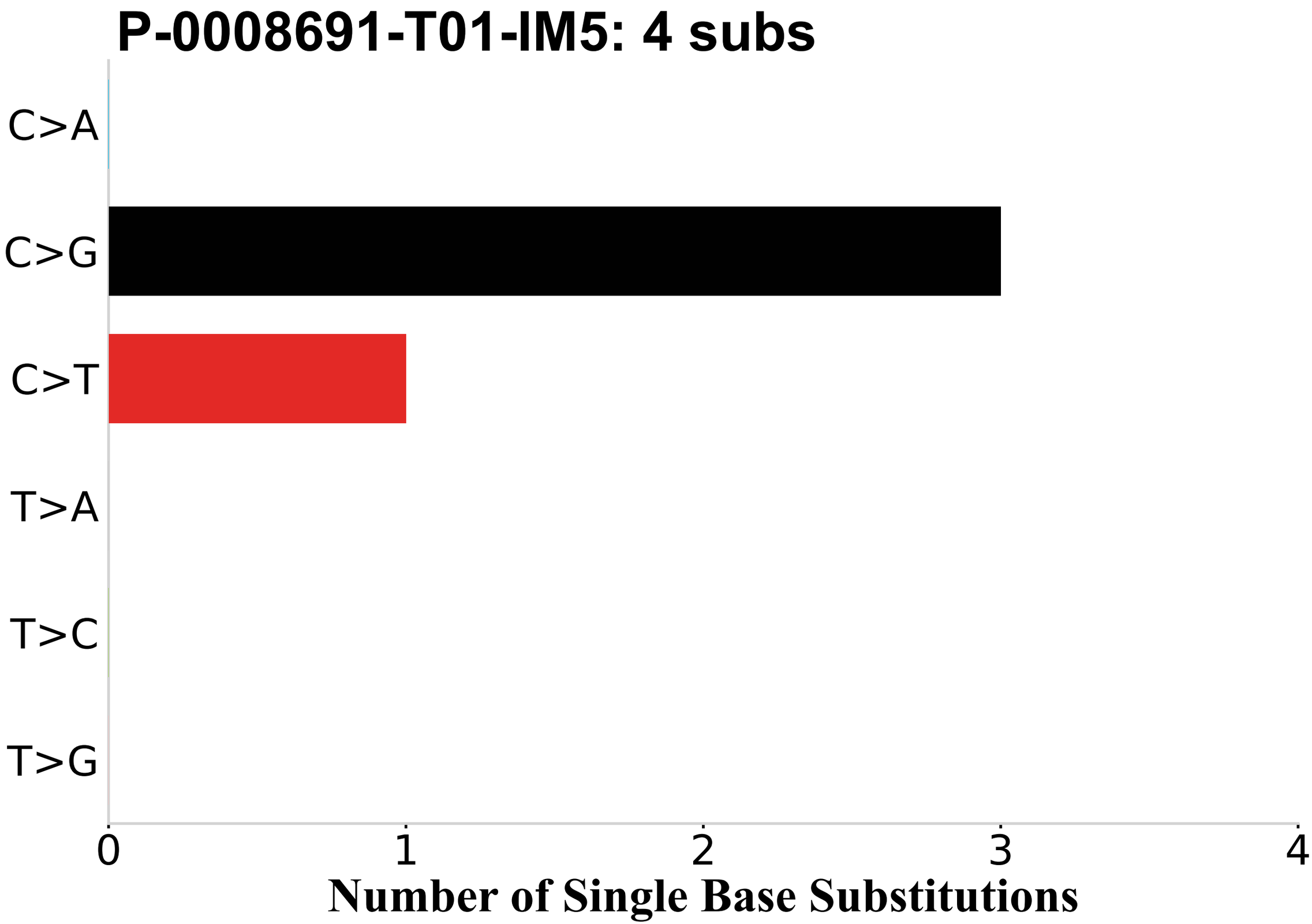


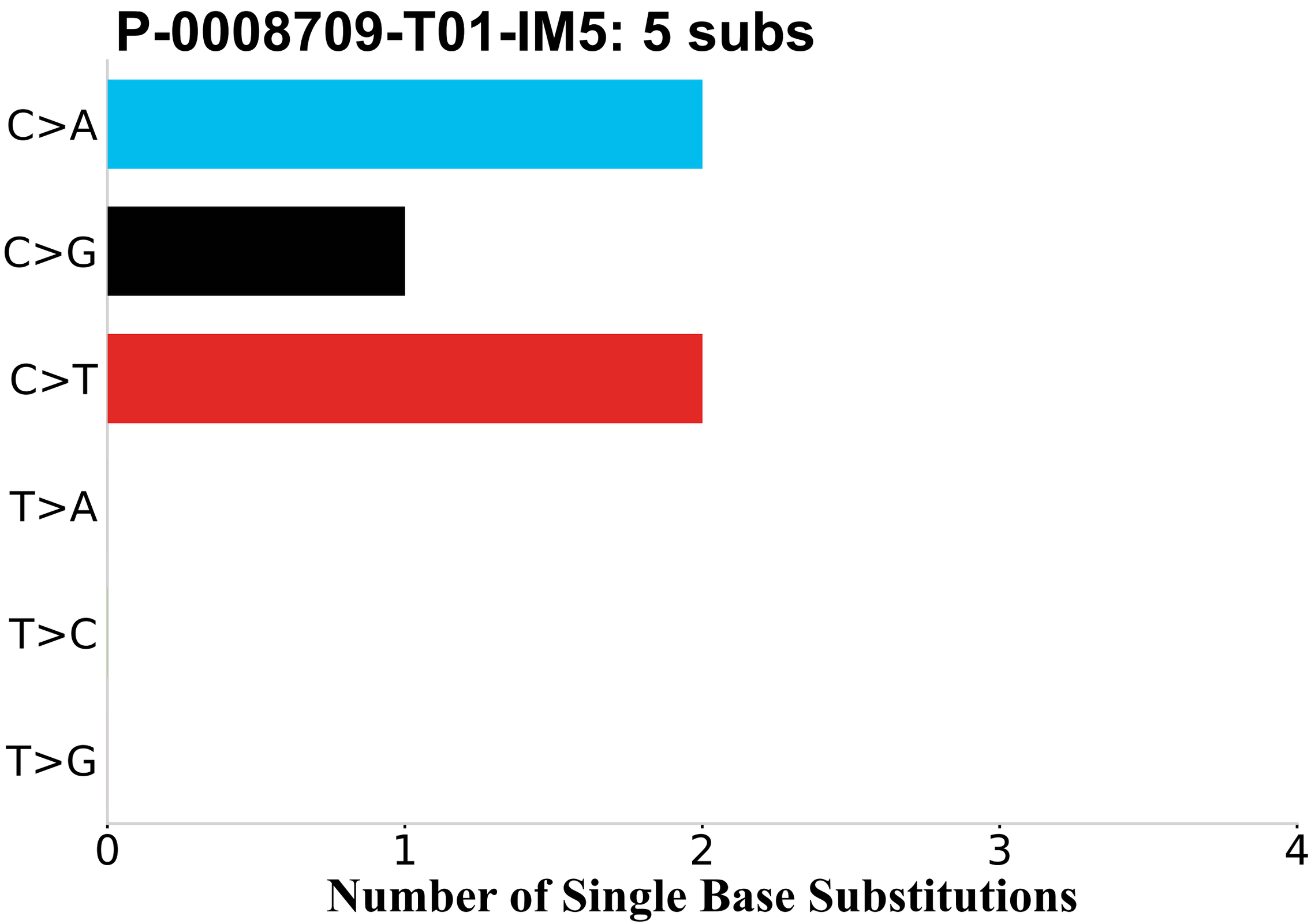
P-0008558-T02-IM5: 4 subs

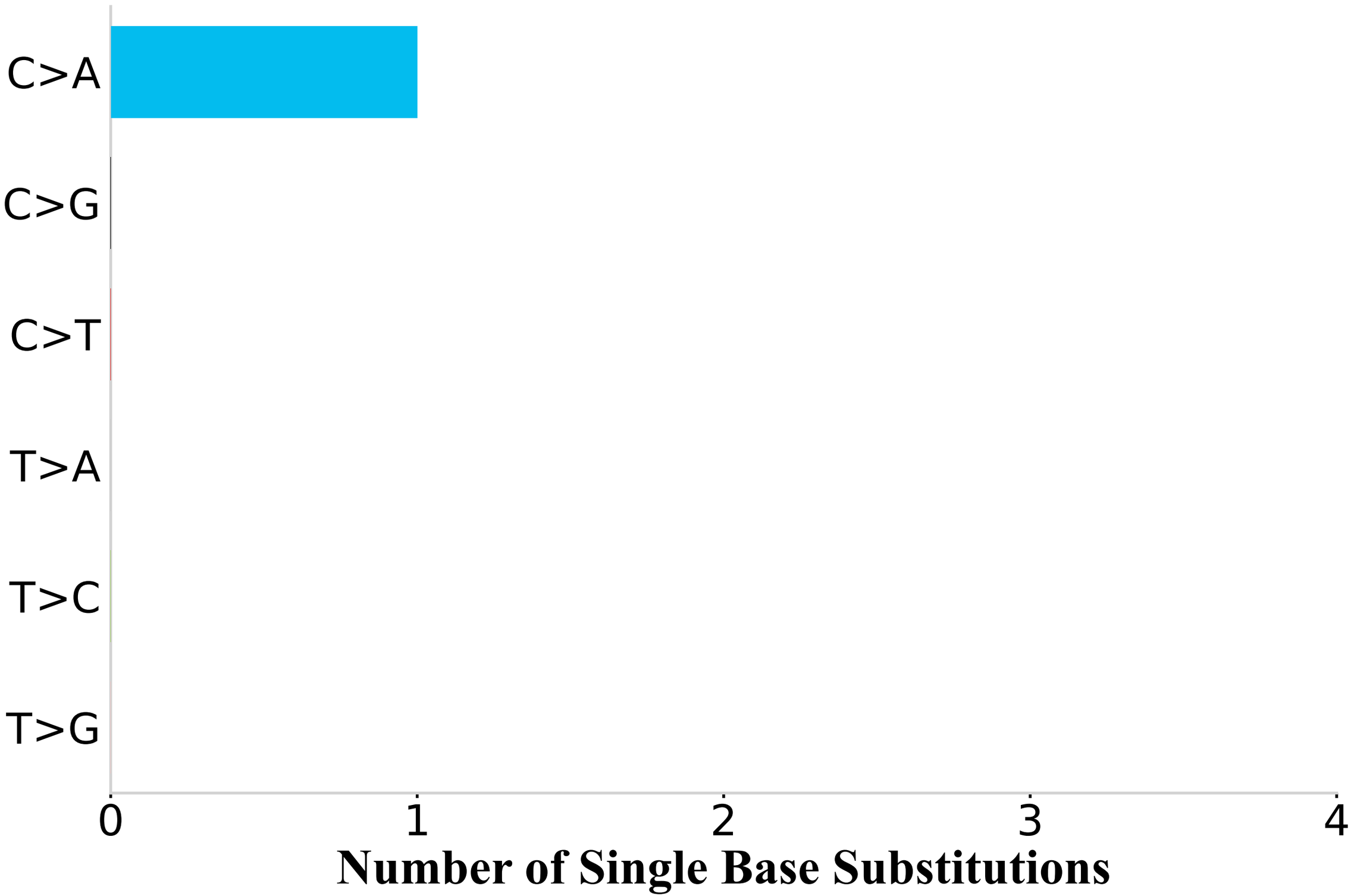


P-0008571-T01-IM5: 2 subs

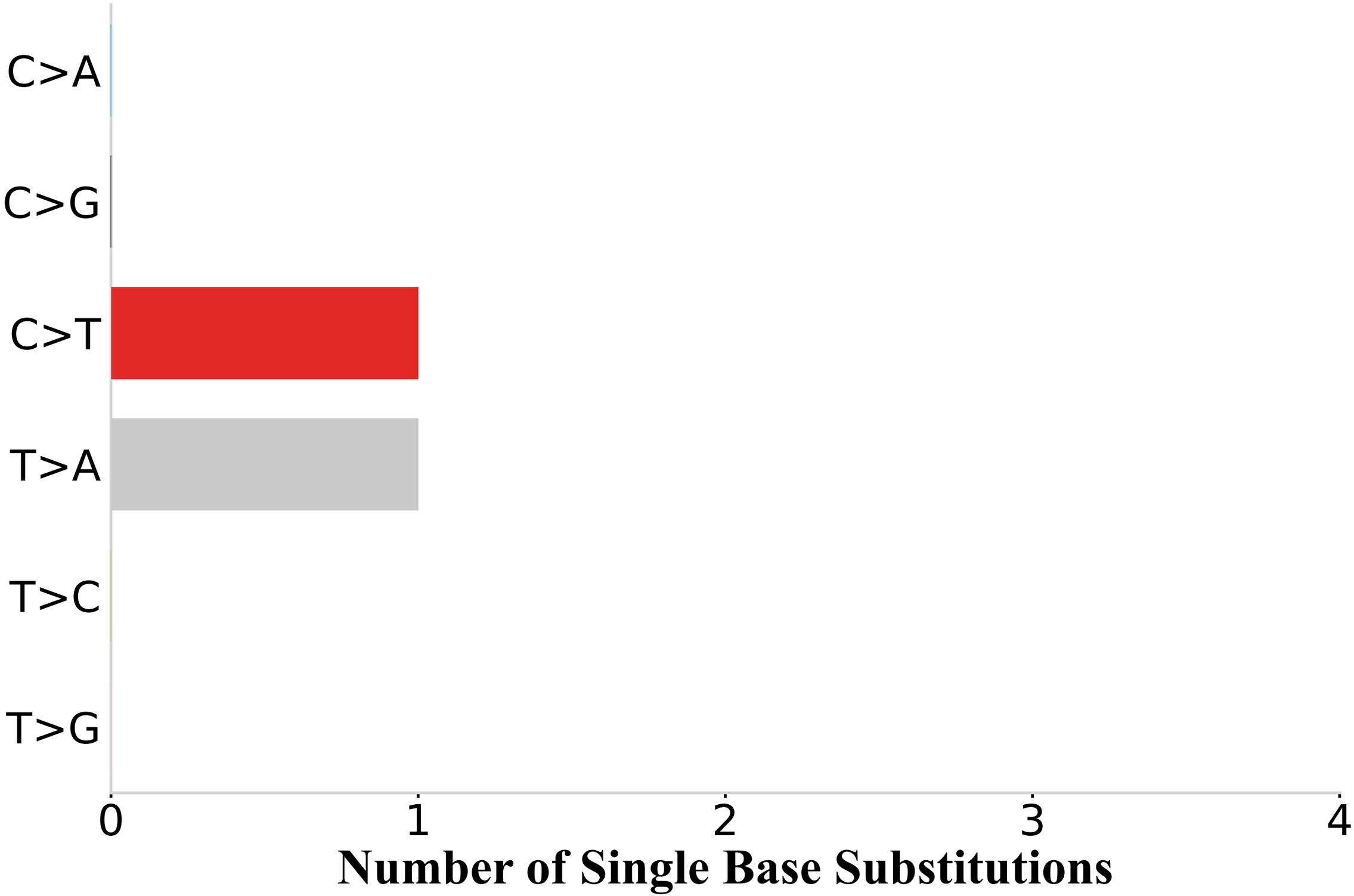


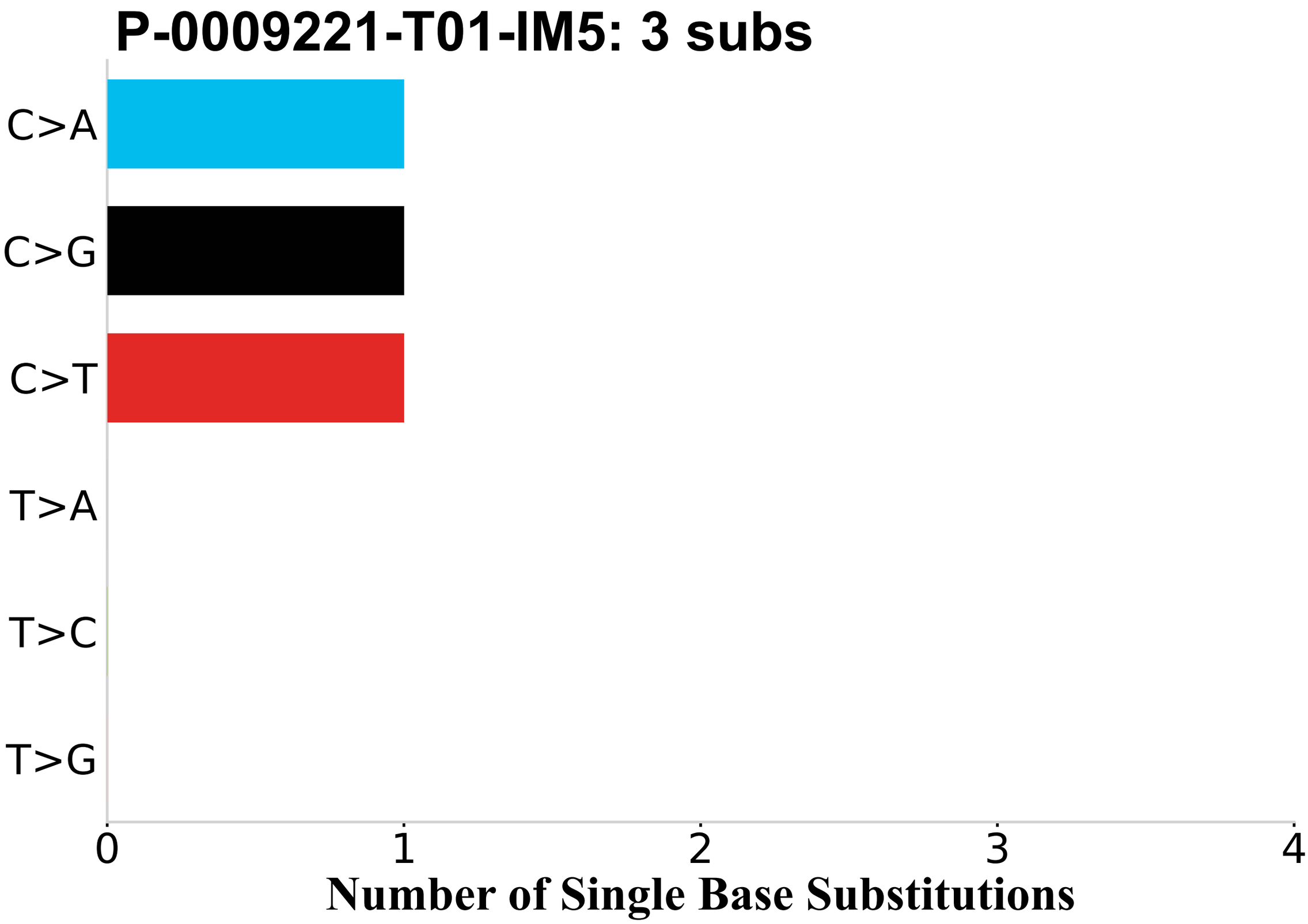

P-0008691-T01-IM5: 4 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

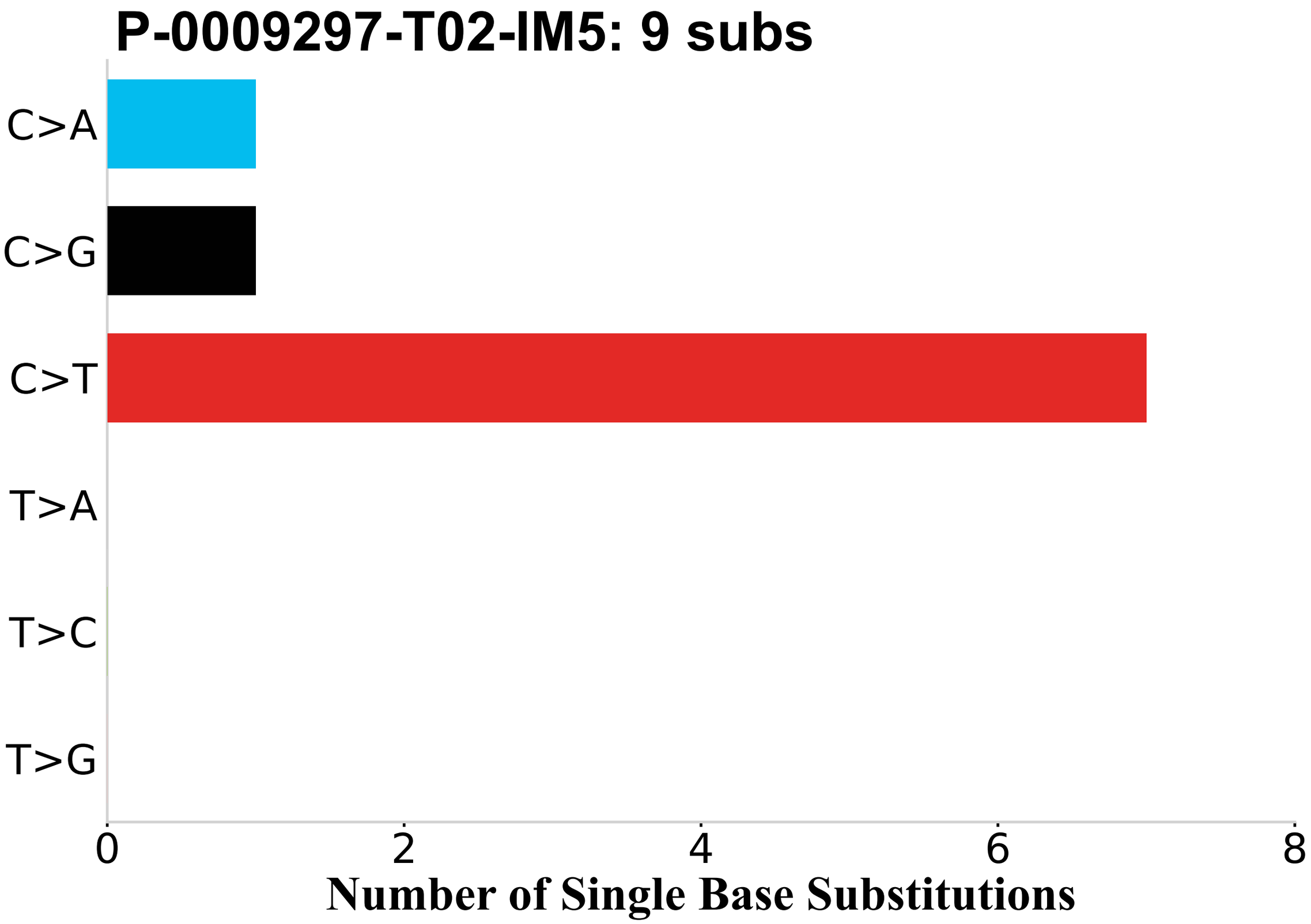

P-0008709-T01-IM5: 5 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

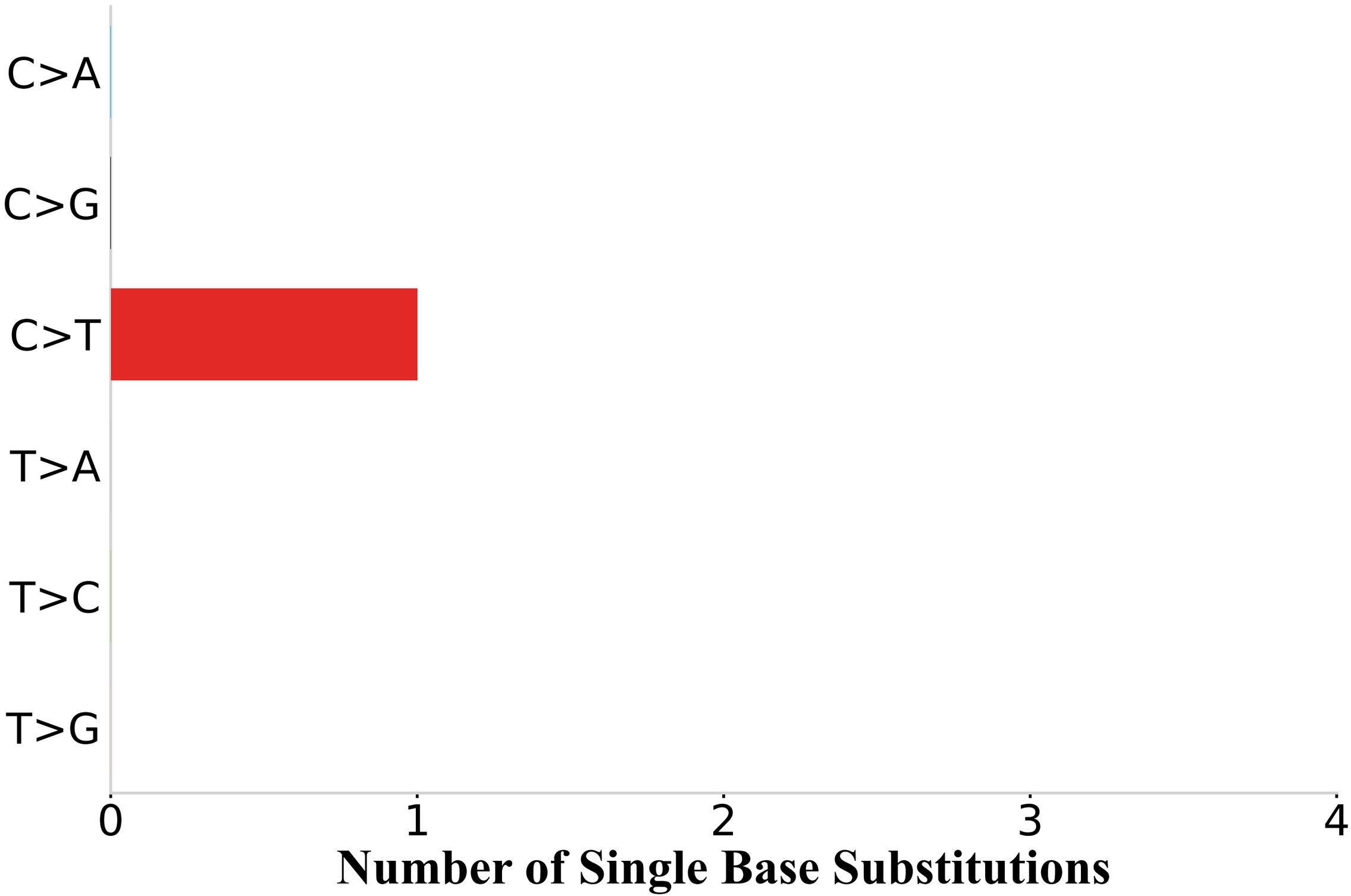

P-0008774-T01-IM5: 1 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

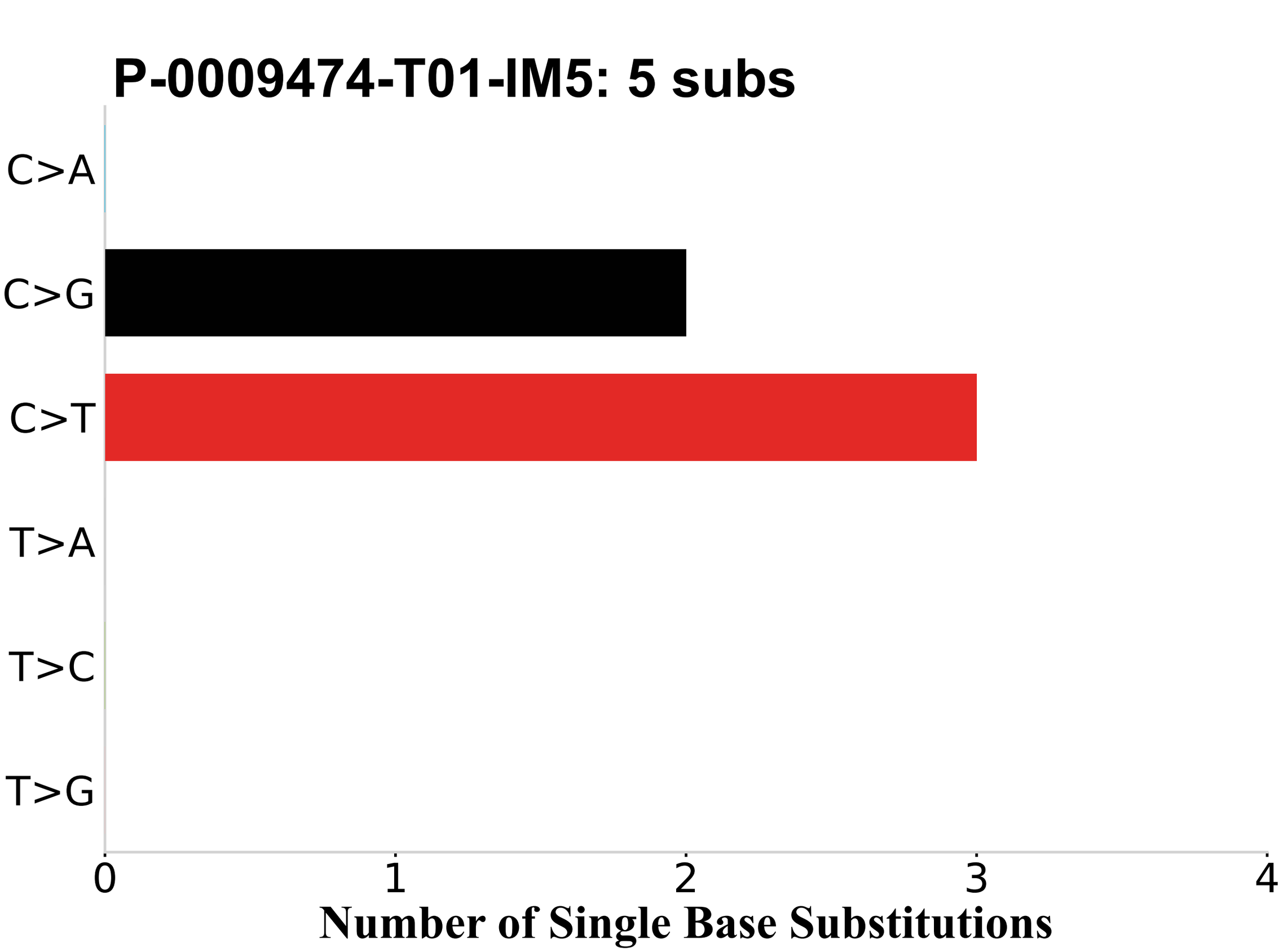
P-0008961-T01-IM5: 2 subs



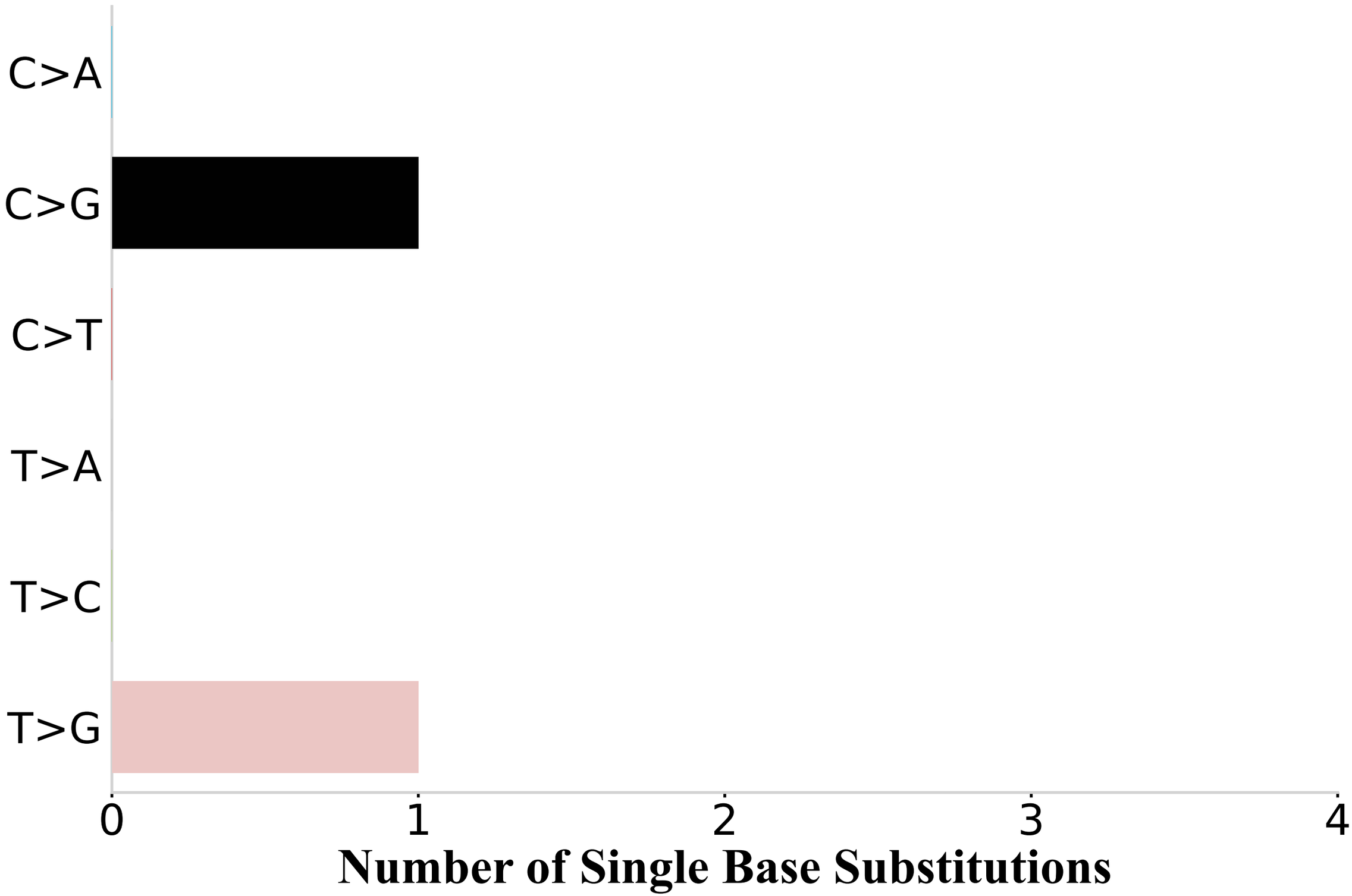

P-0009221-T01-IM5: 3 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

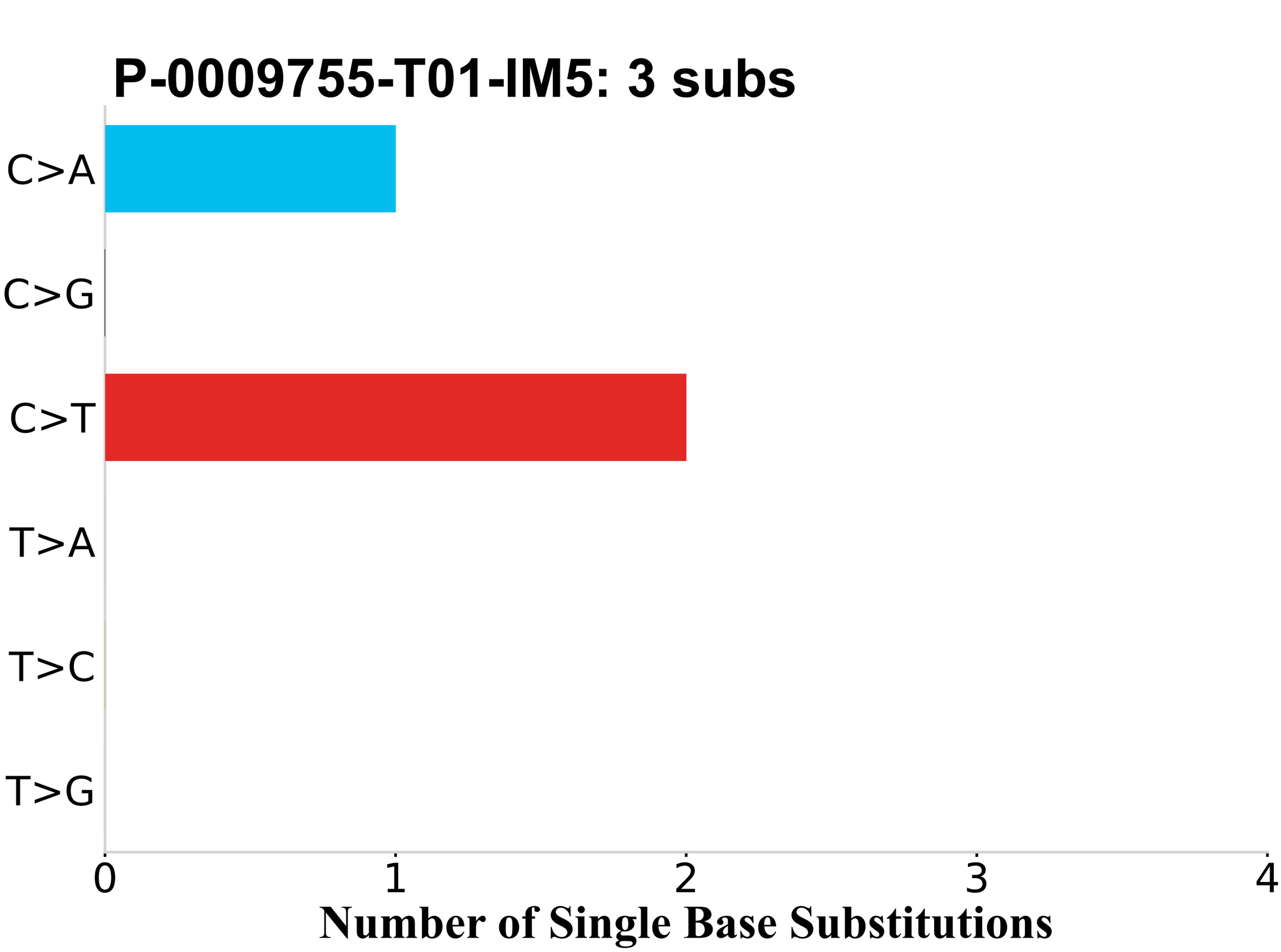

P-0009297-T02-IM5: 9 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
2
4
6
8
Number of Single Base Substitutions

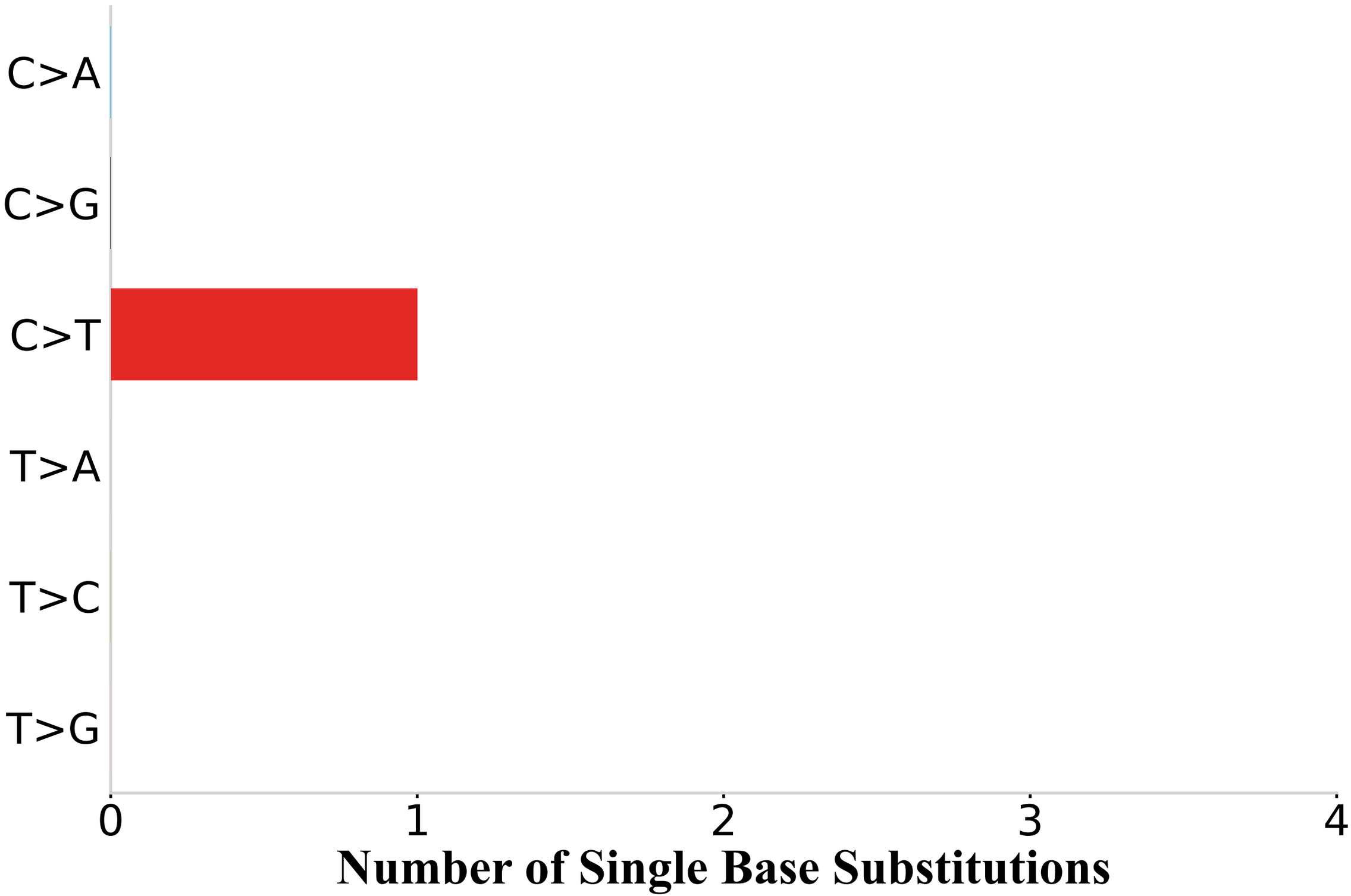

P-0009375-T01-IM5: 1 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions


P-0009474-T01-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

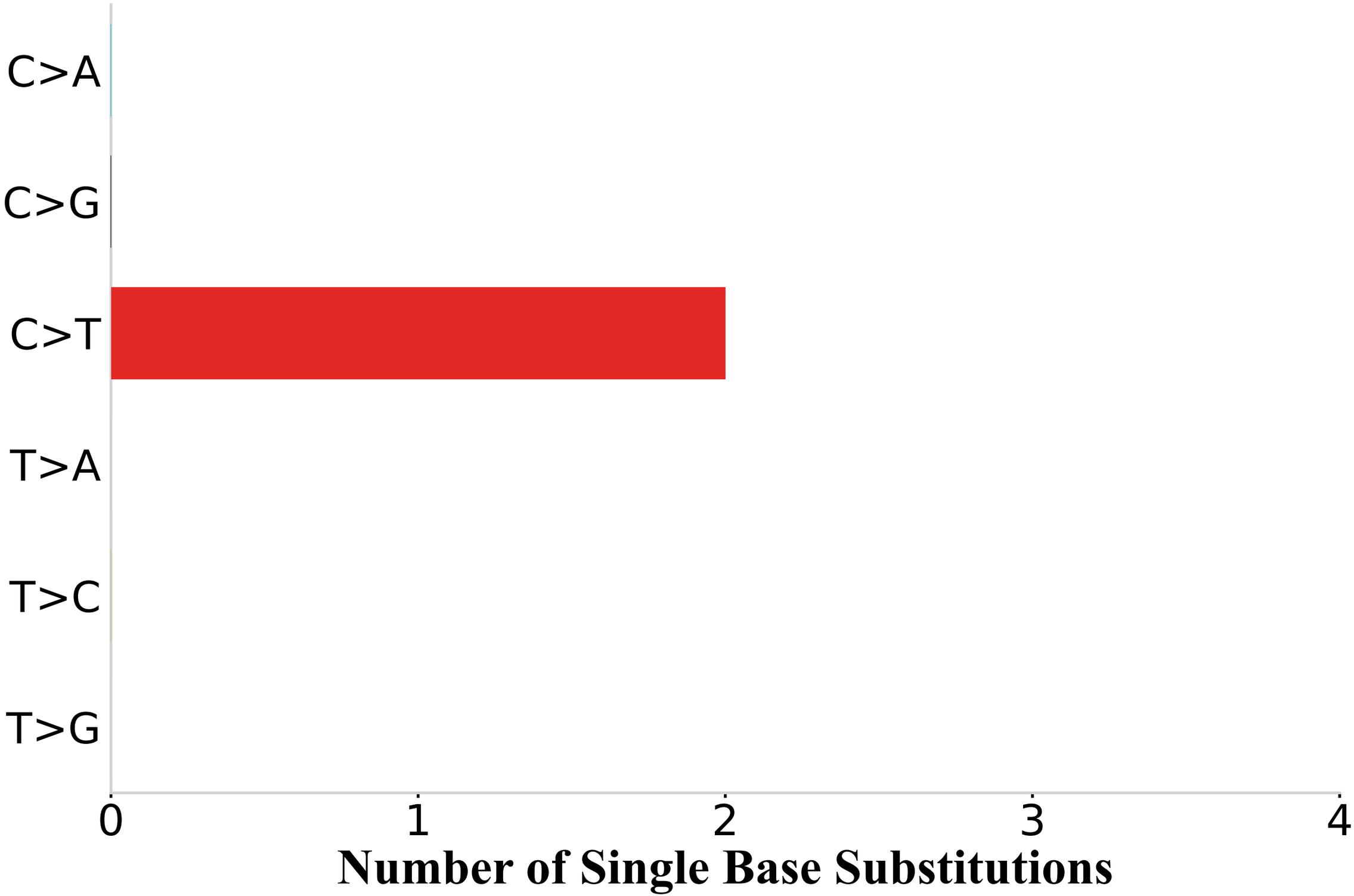
P-0009616-T02-IM5: 2 subs



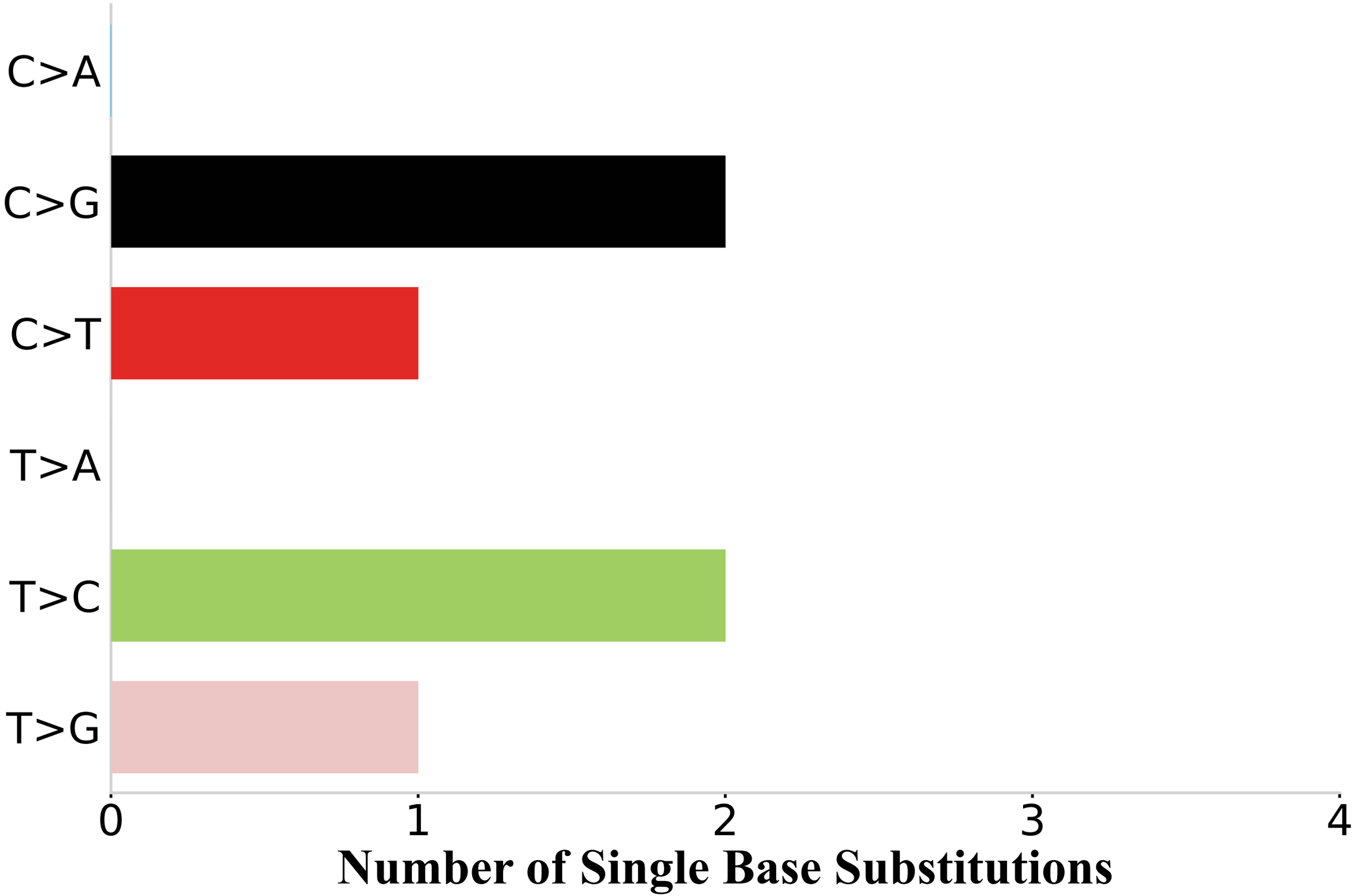

P-0009755-T01-IM5: 3 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

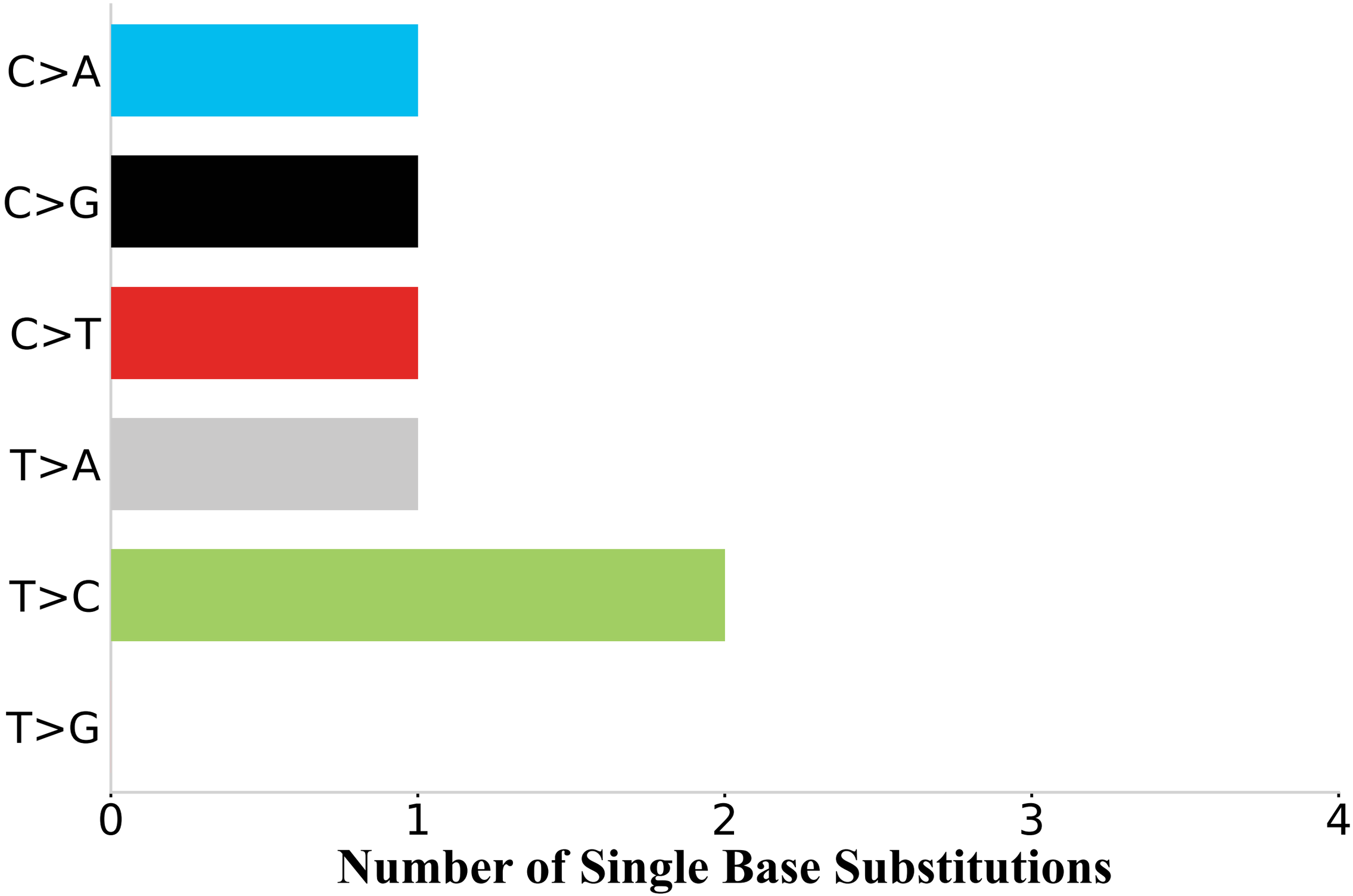

P-0010144-T01-IM5: 1 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

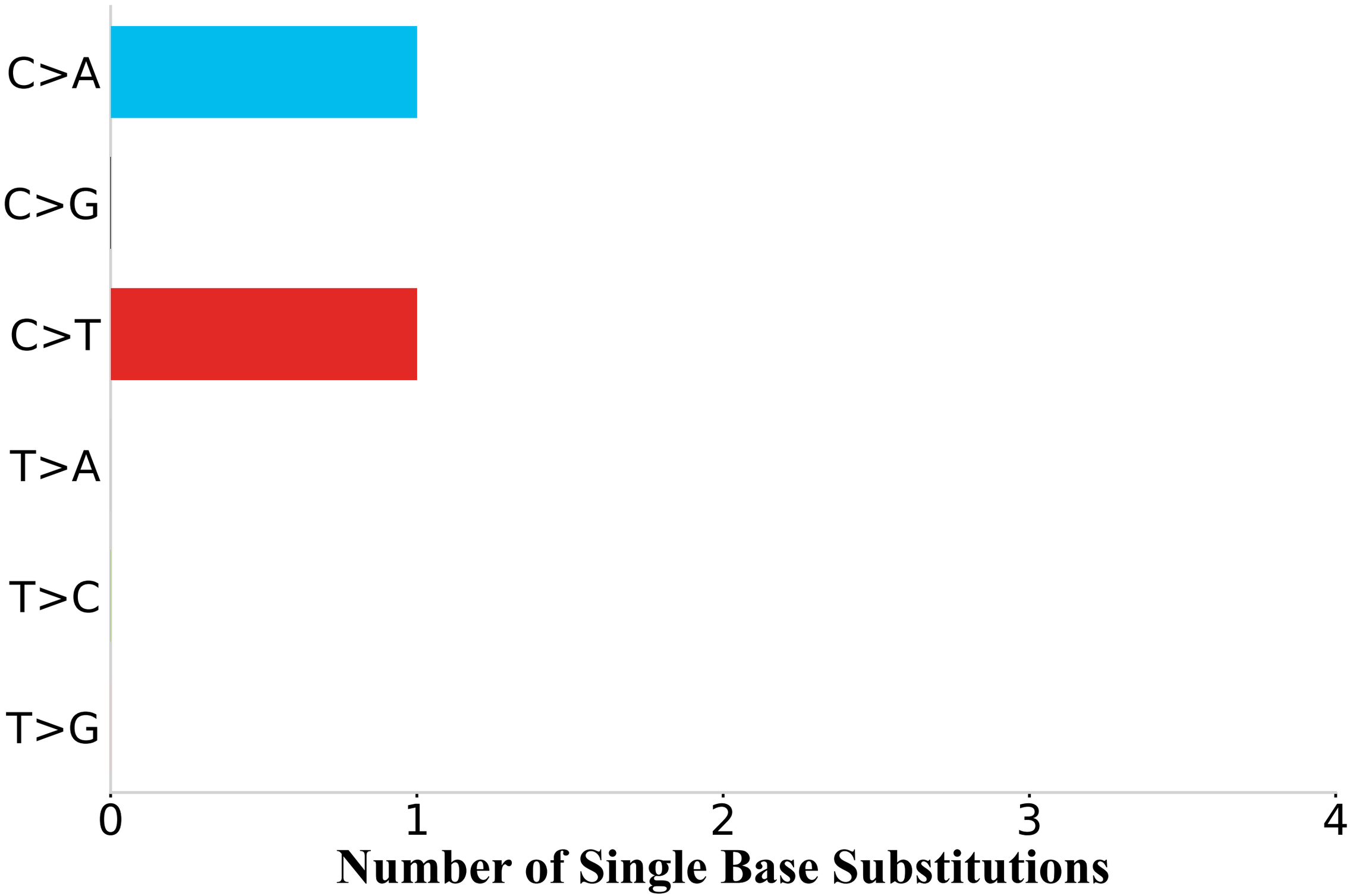
P-0010209-T01-IM5: 2 subs



P-0010306-T01-IM5: 6 subs

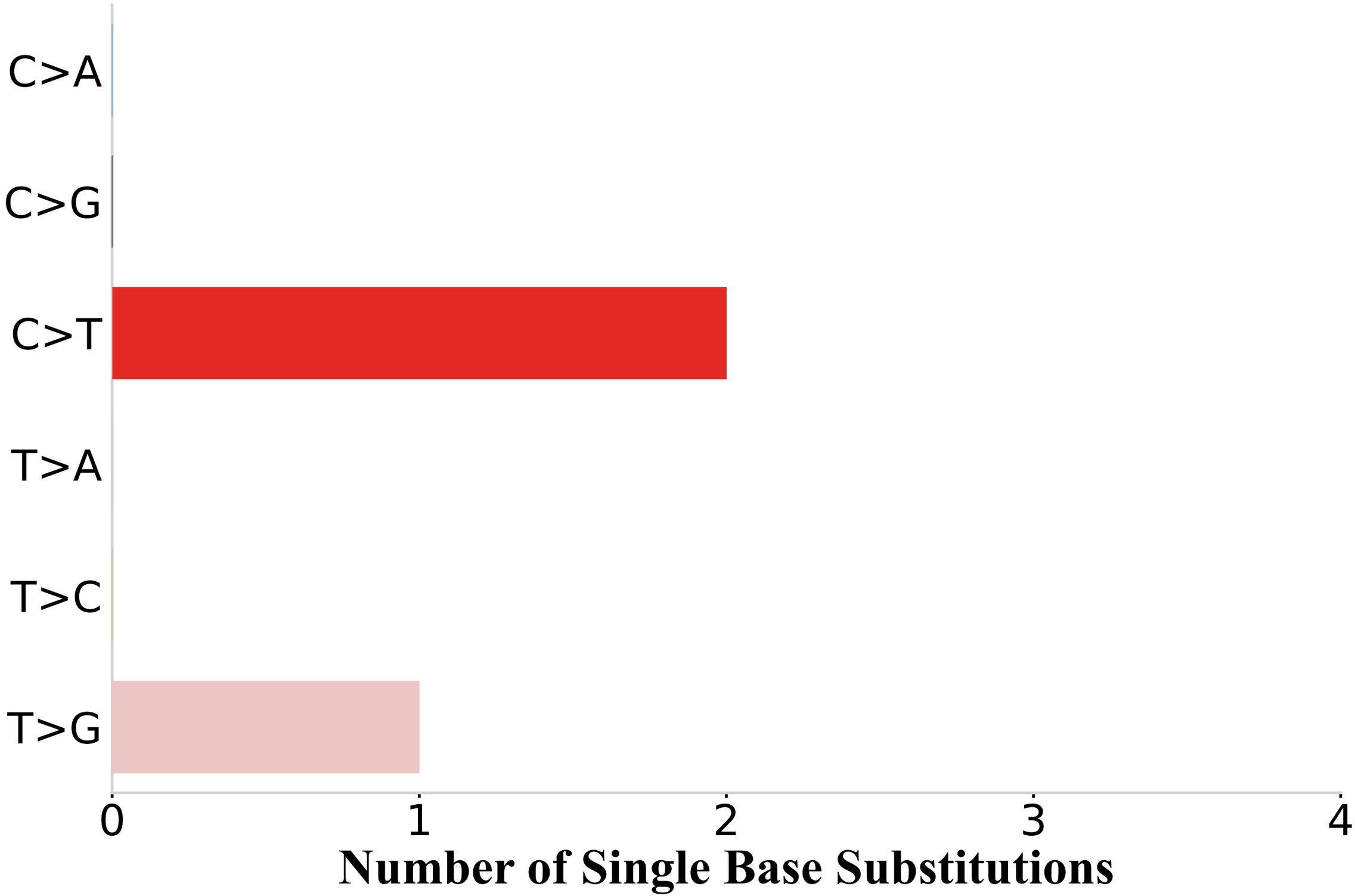



P-0010457-T01-IM5: 6 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

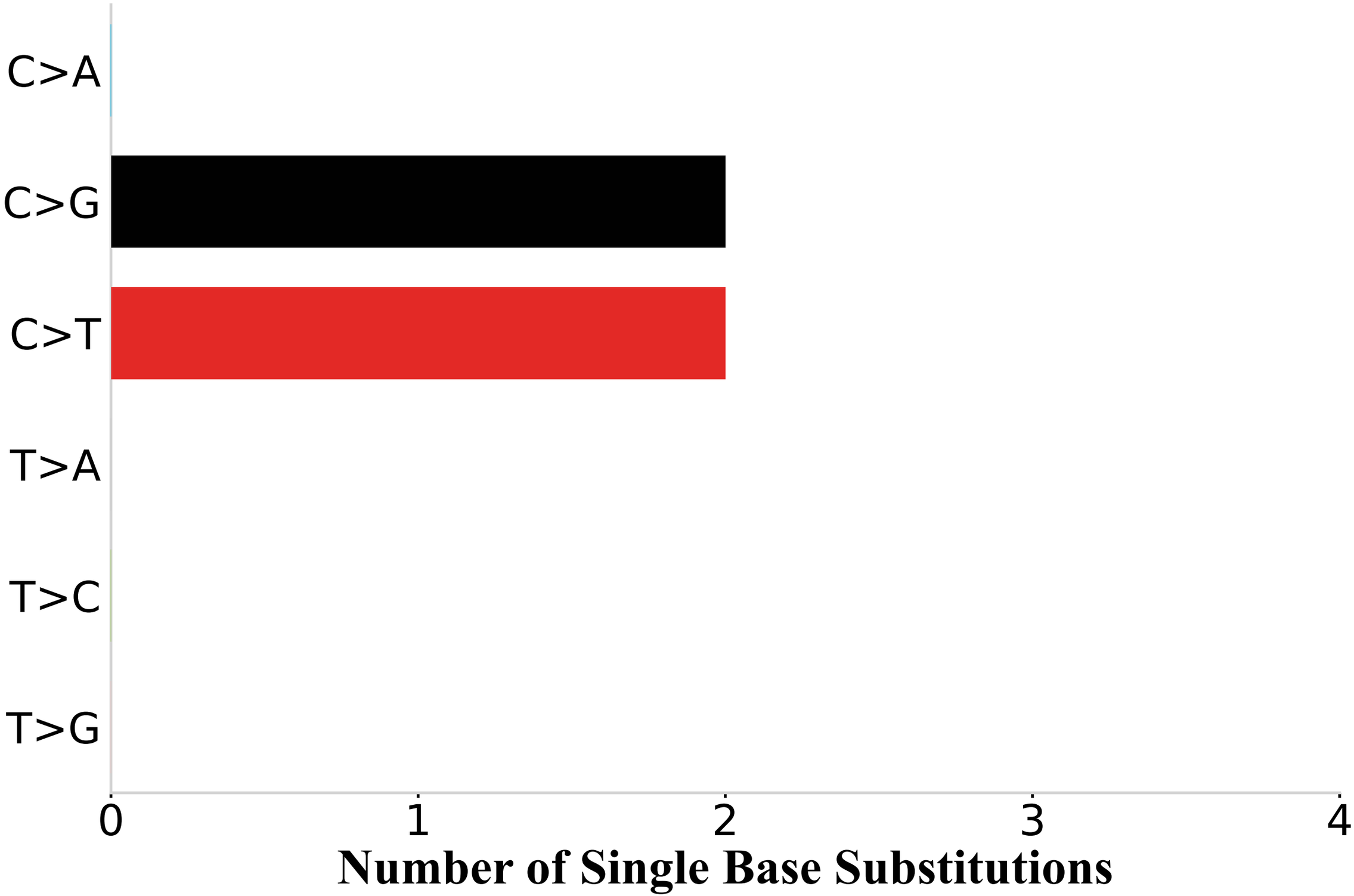

P-0010465-T01-IM5: 2 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

P-0010537-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

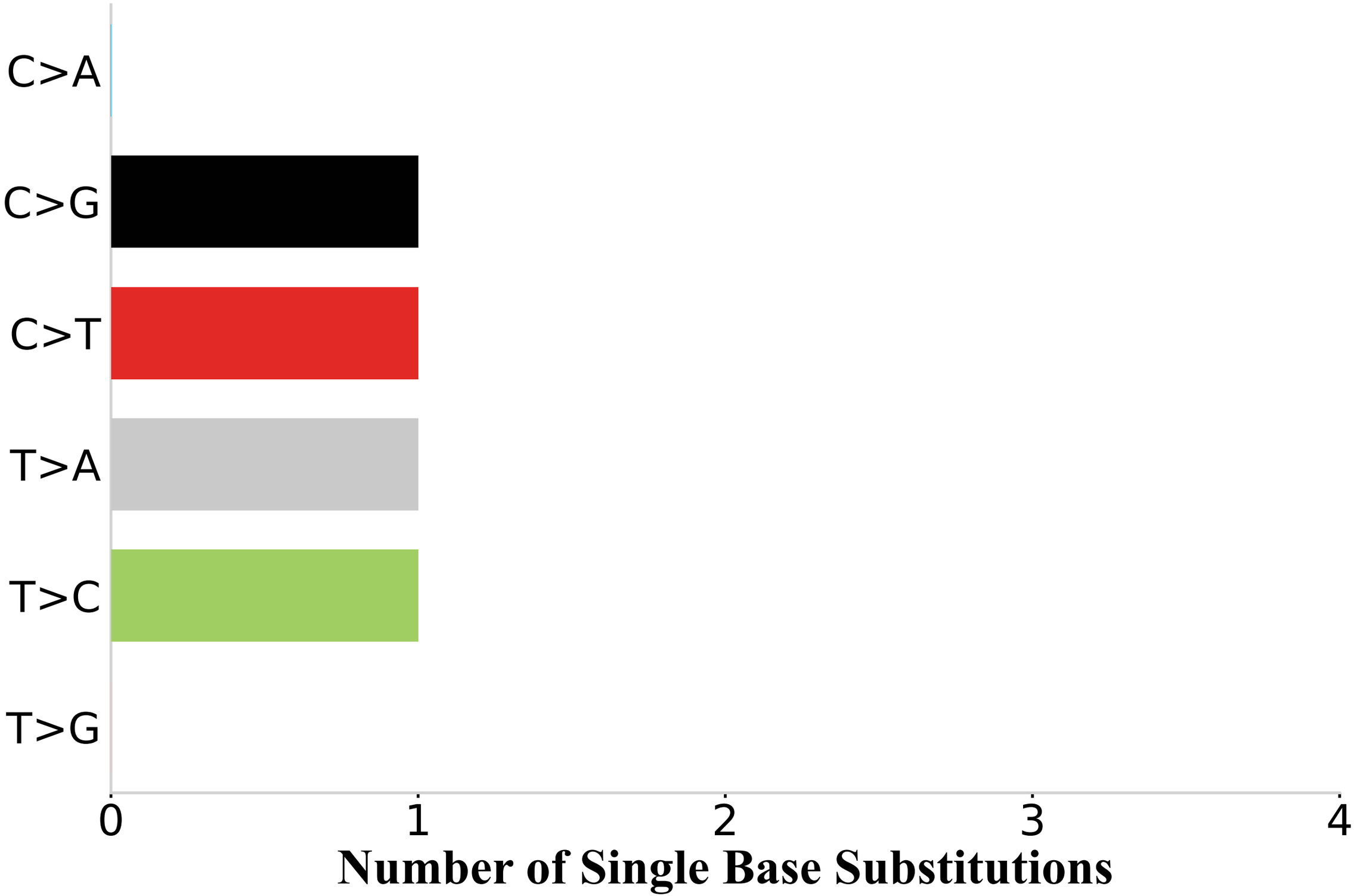
P-0010553-T01-IM5: 3 subs



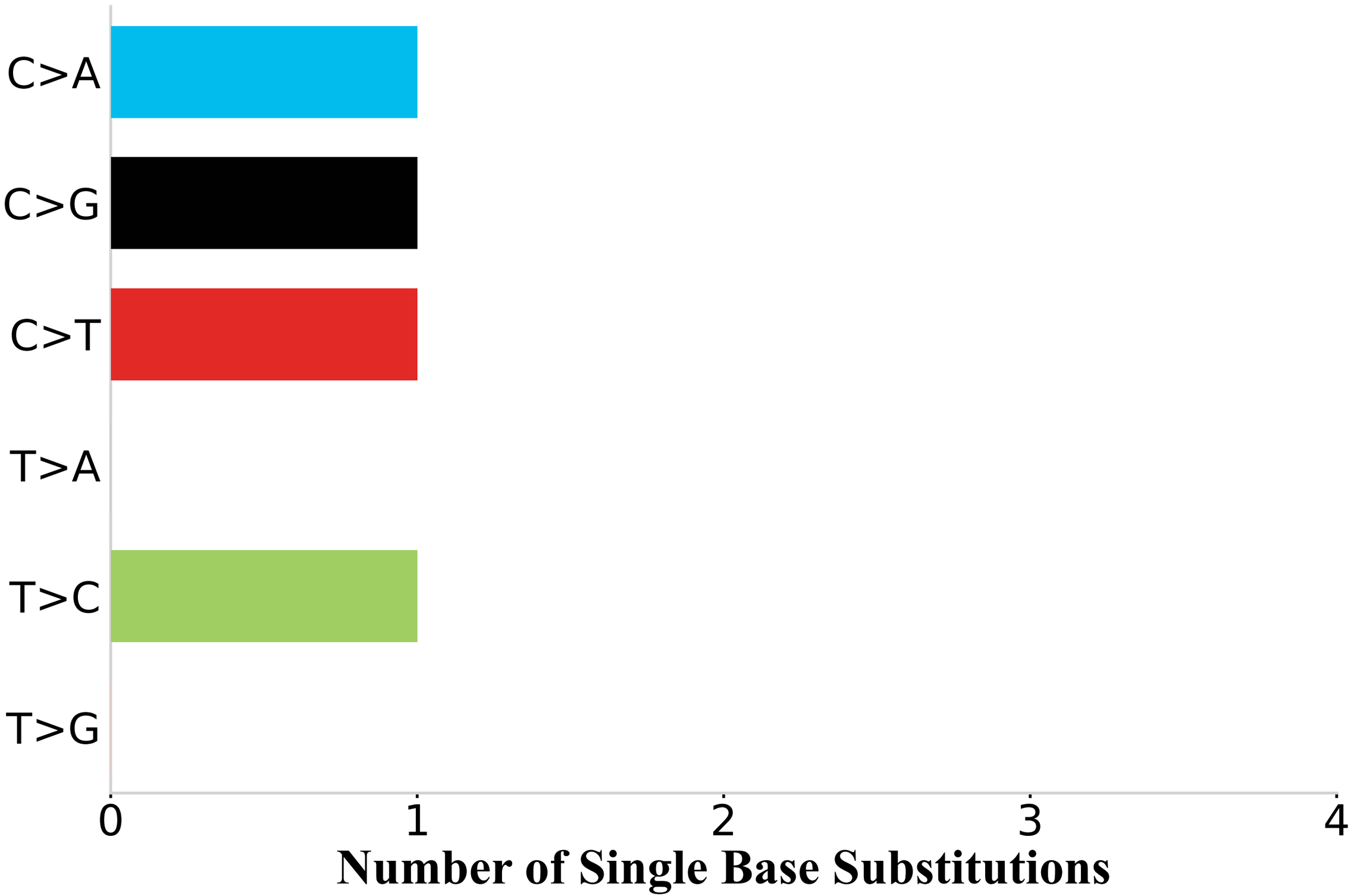
P-0010604-T01-IM5: 4 subs

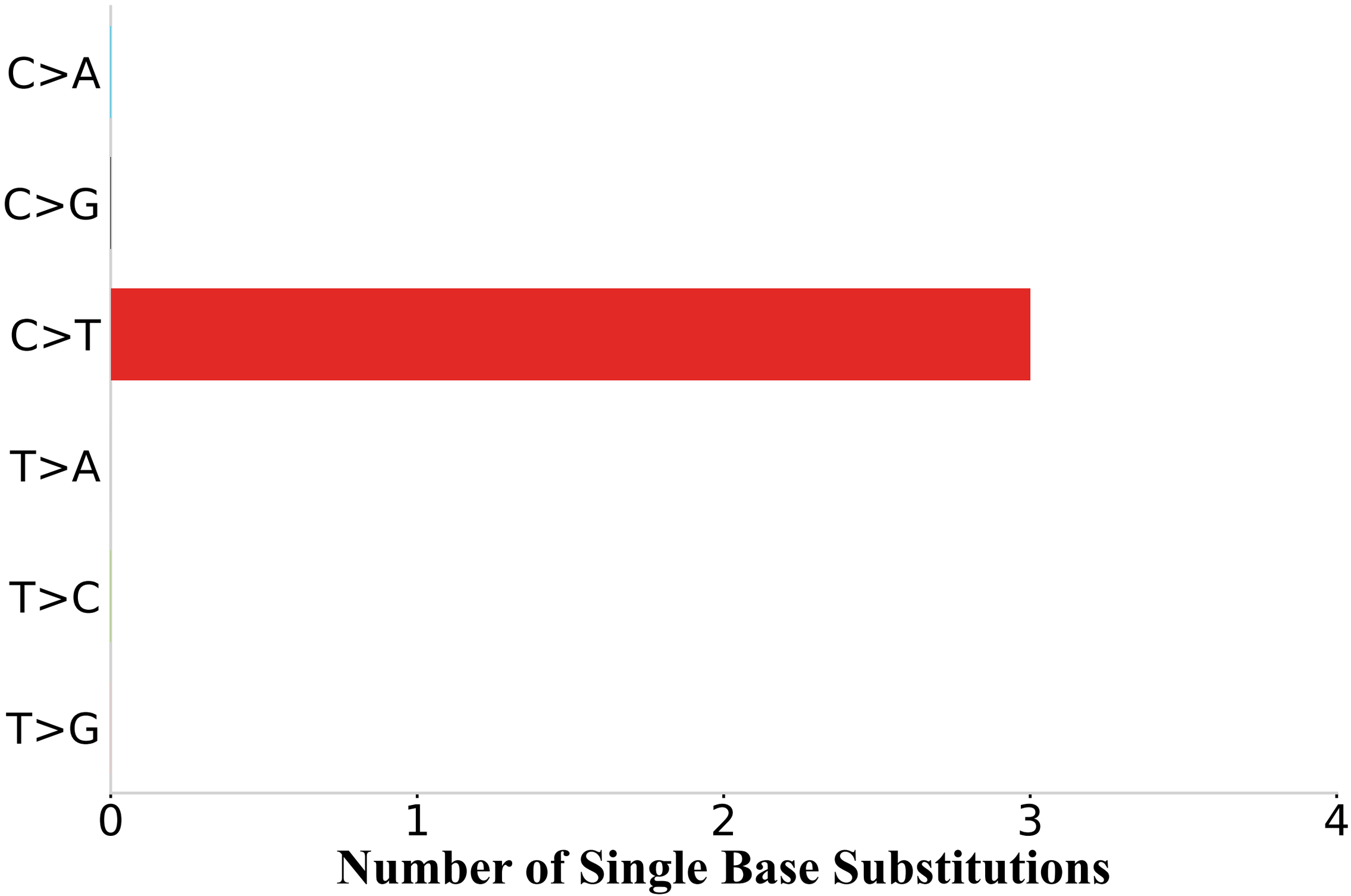


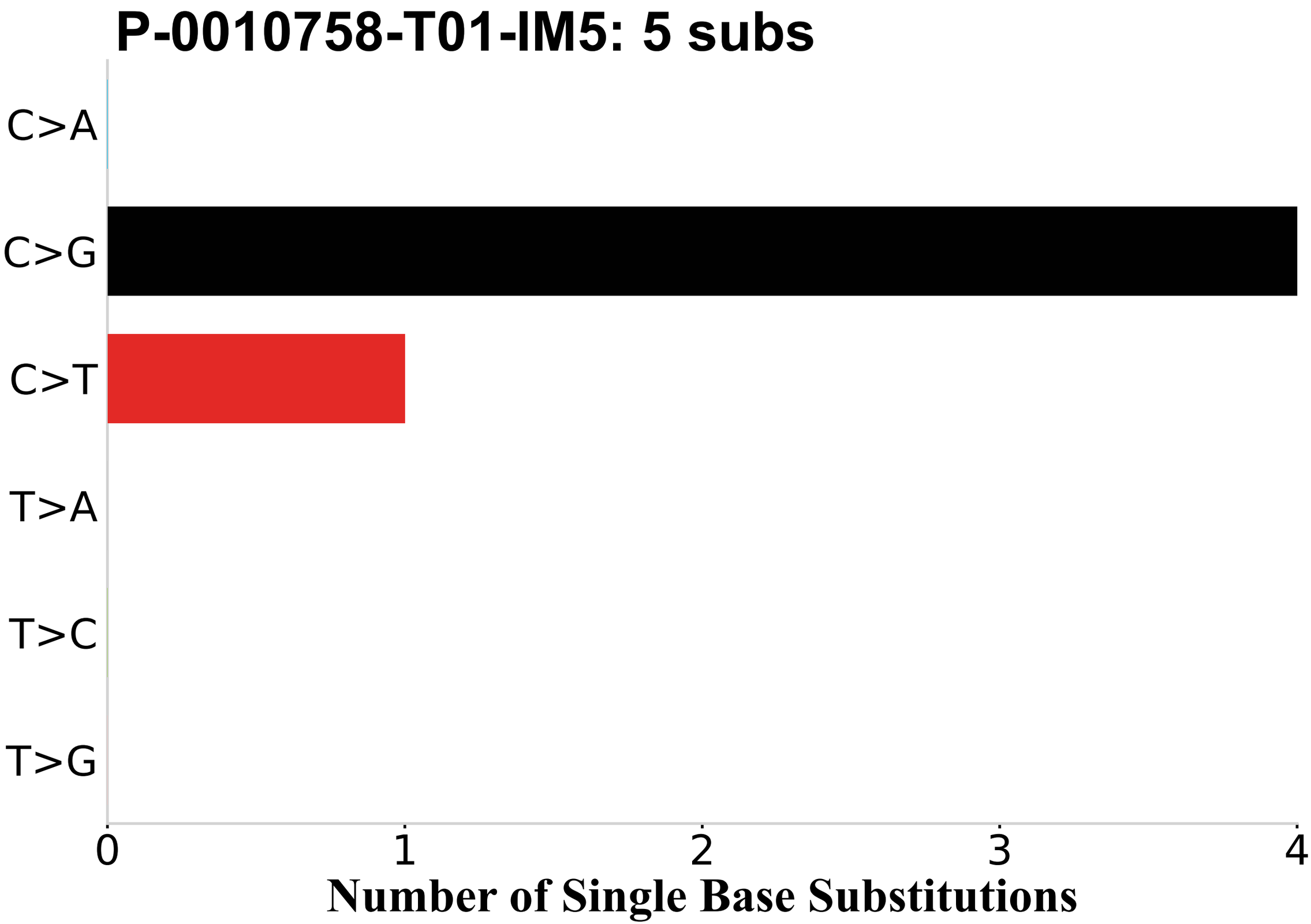
P-0010669-T01-IM5: 4 subs



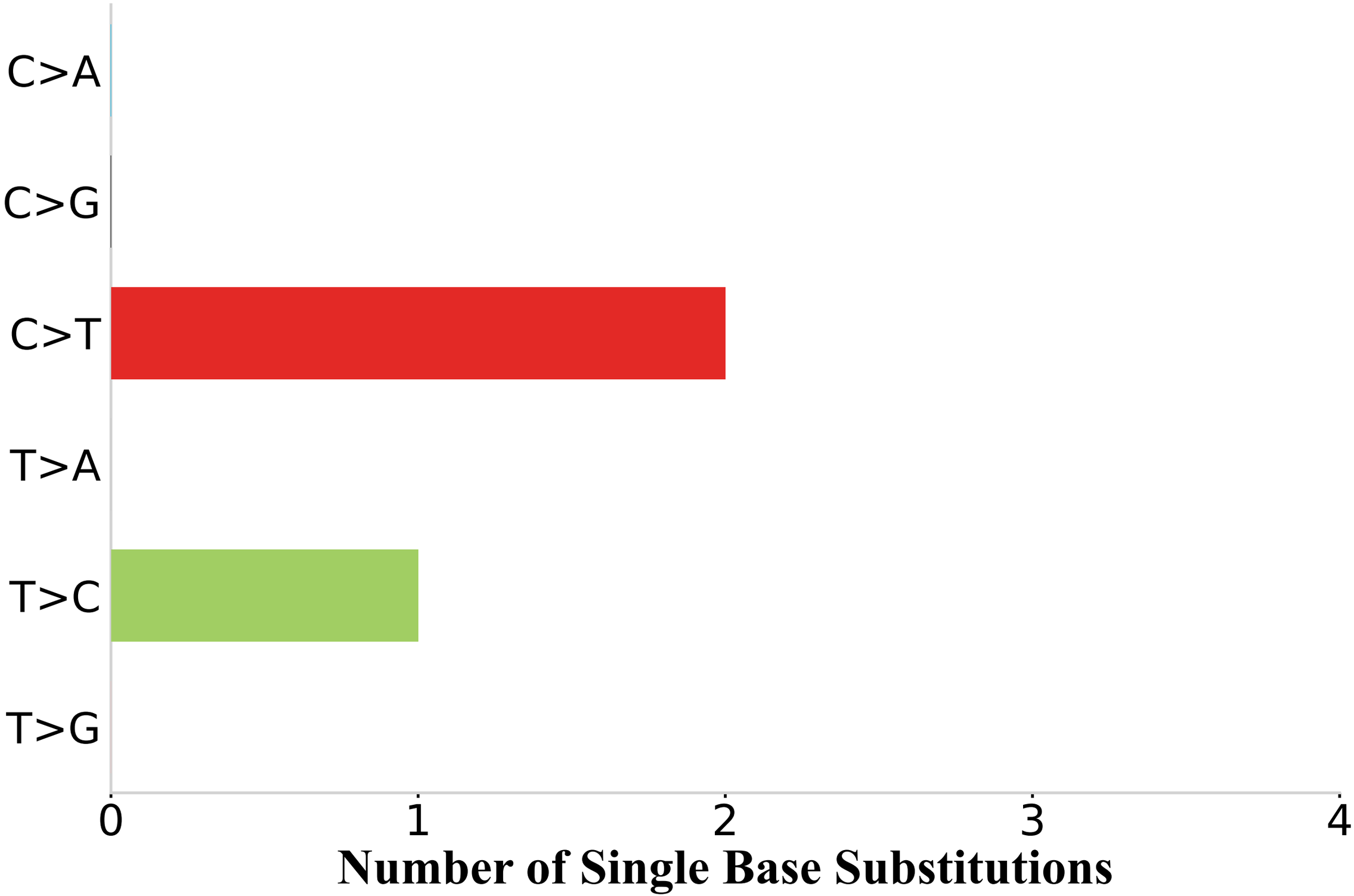
P-0010728-T01-IM5: 4 subs



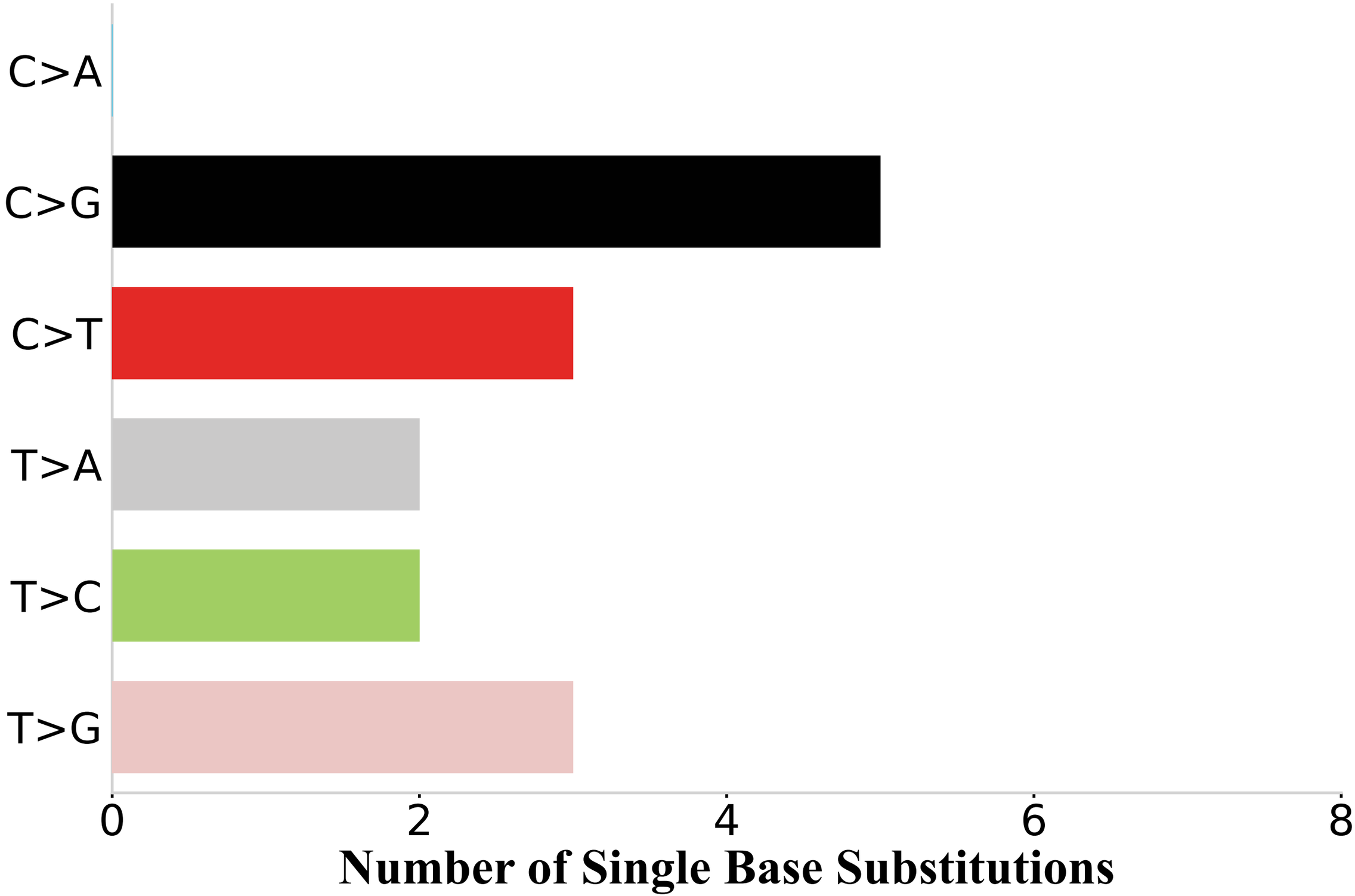

P-0010738-T01-IM5: 3 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions


P-0010758-T01-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

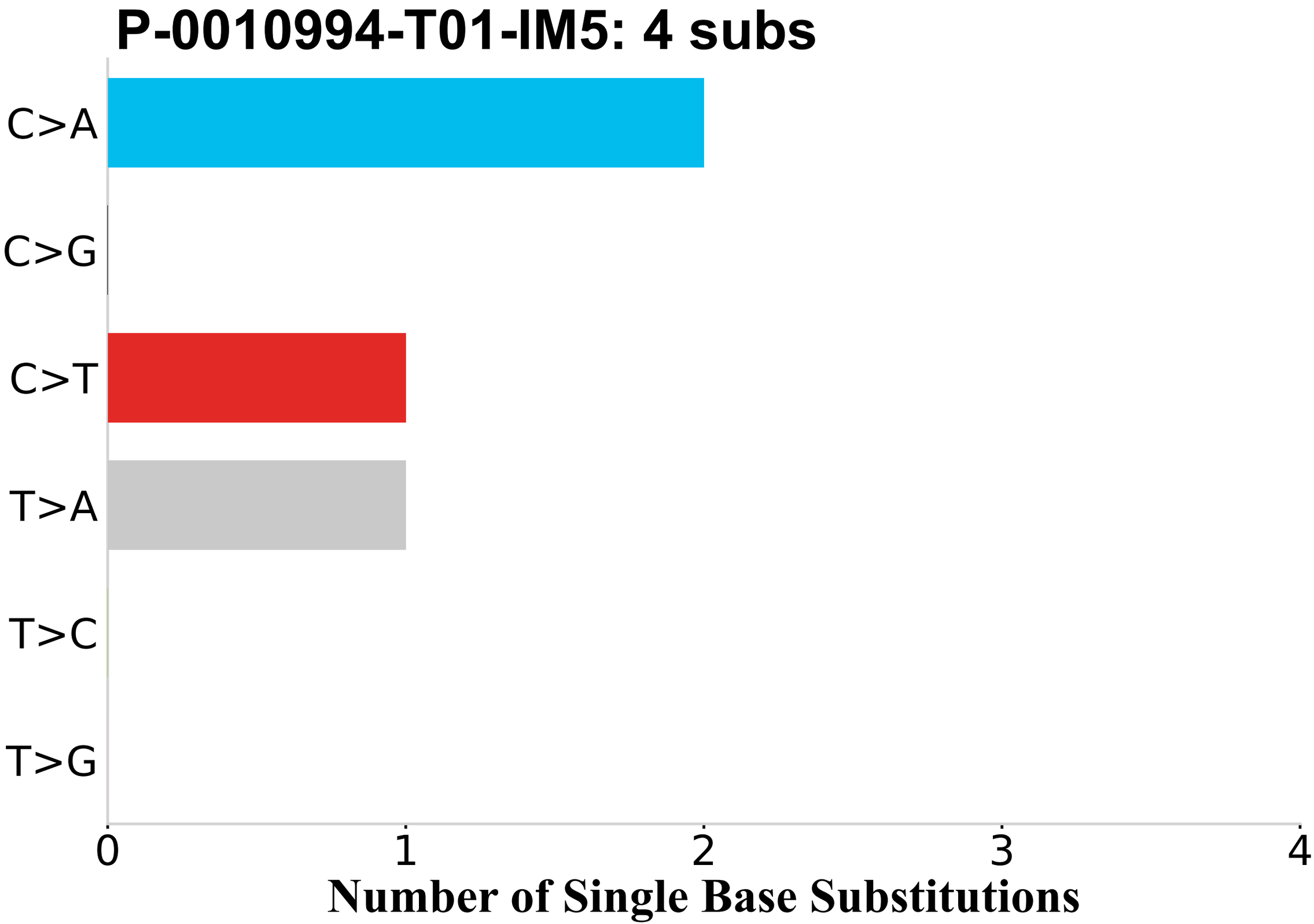
P-0010849-T01-IM5: 3 subs

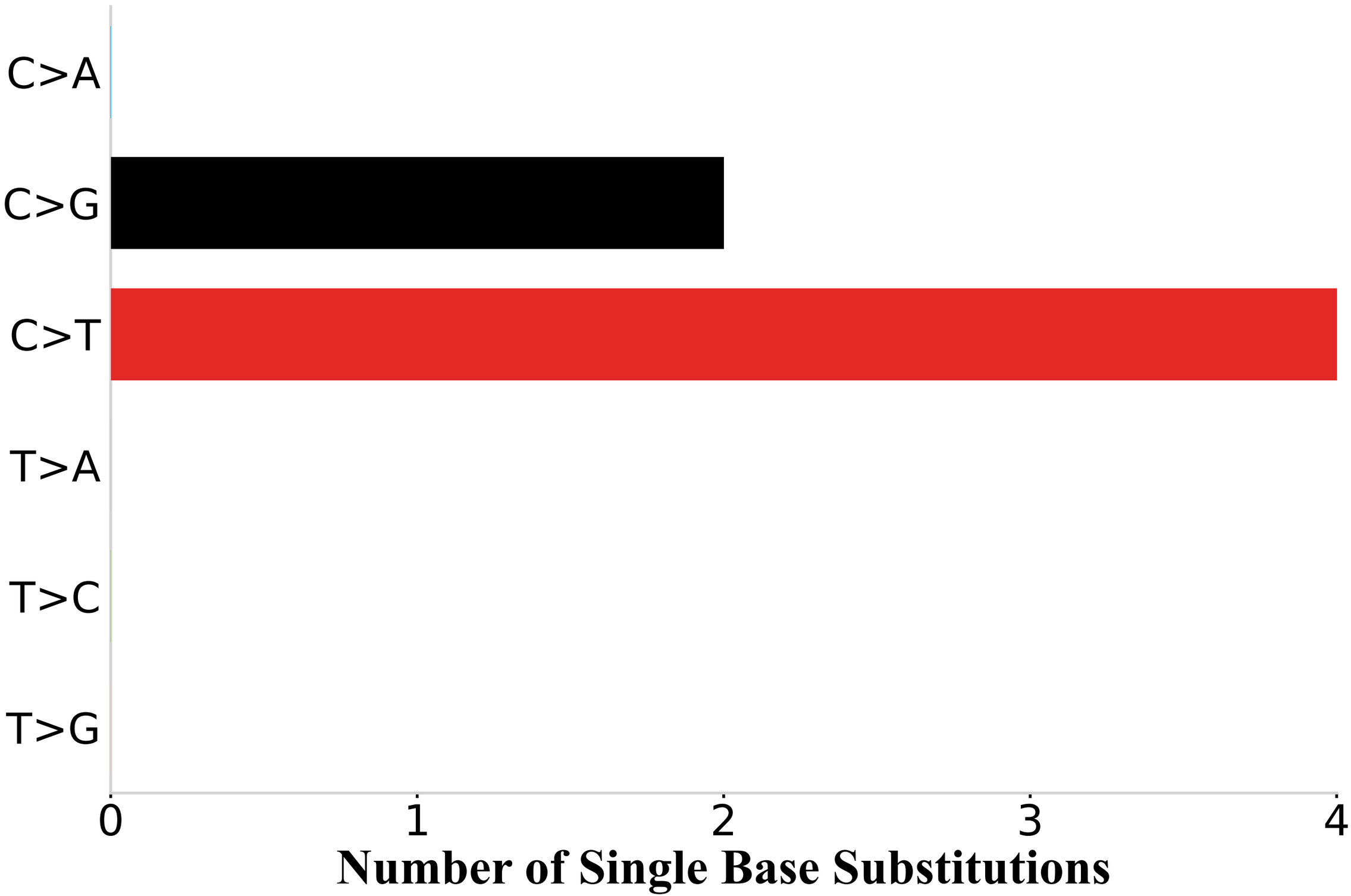


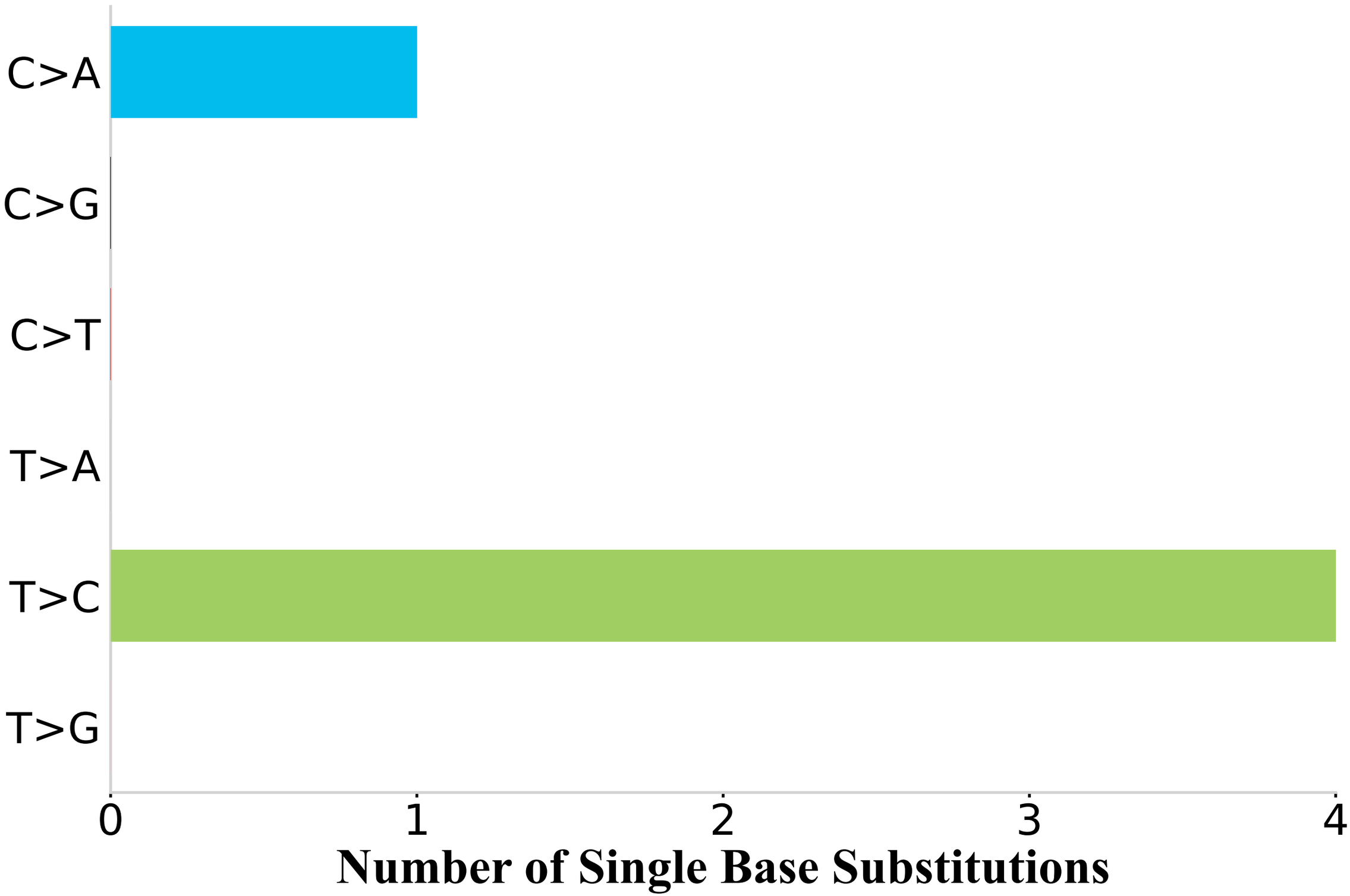
P-0010938-T01-IM5: 15 subs



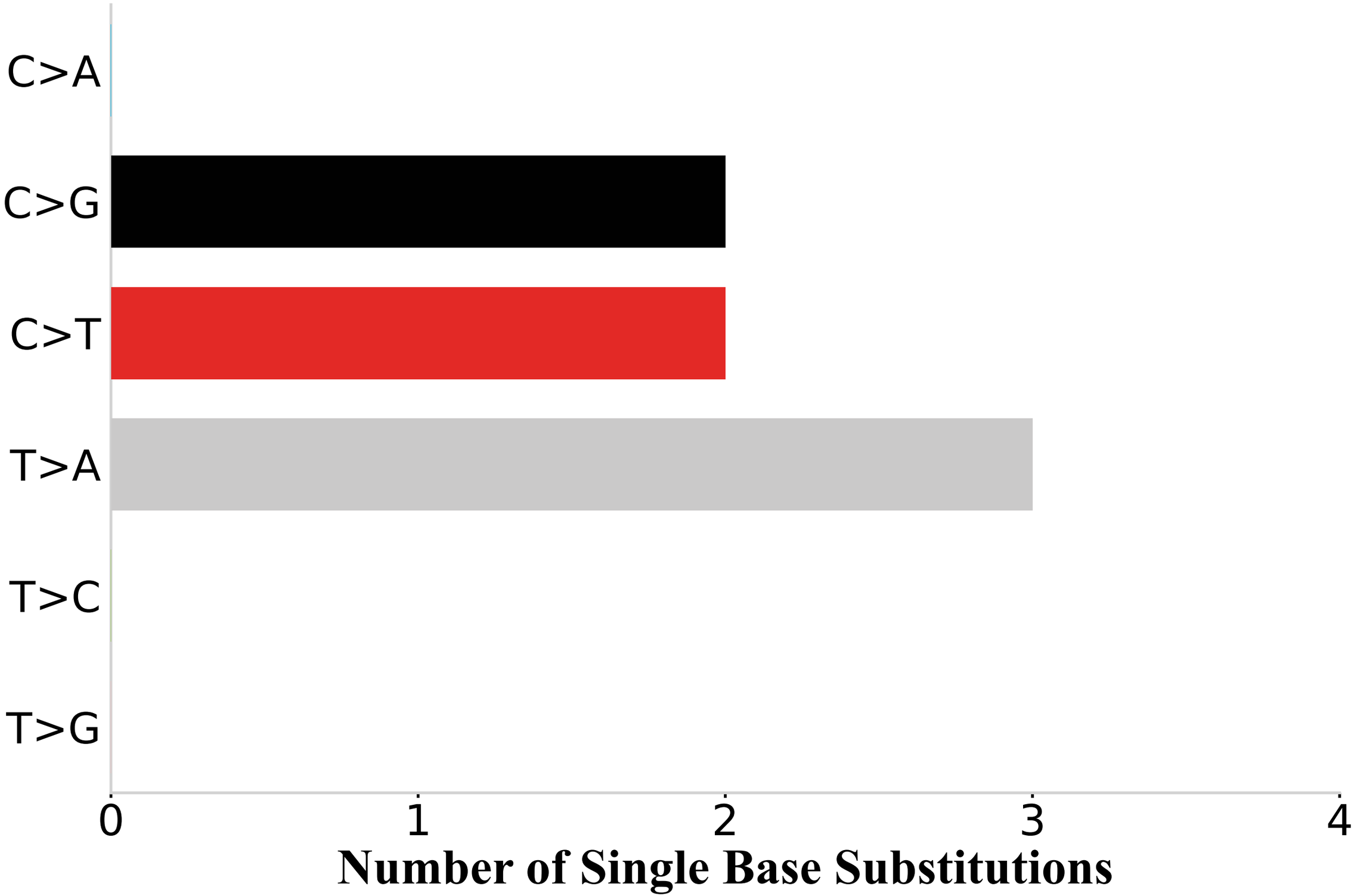
P-0010940-T01-IM5: 2 subs


P-0010994-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

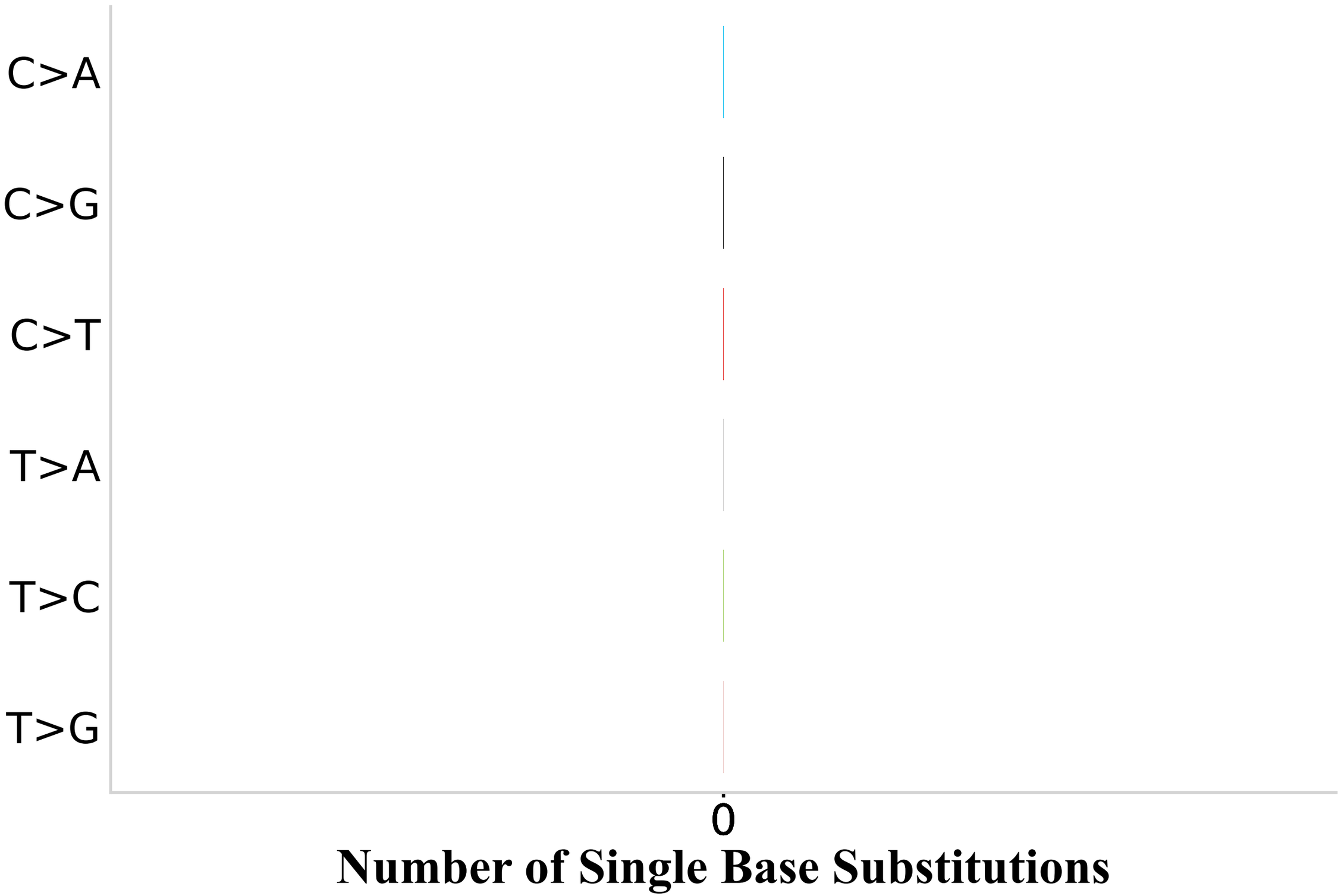

P-0011060-T01-IM5: 6 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

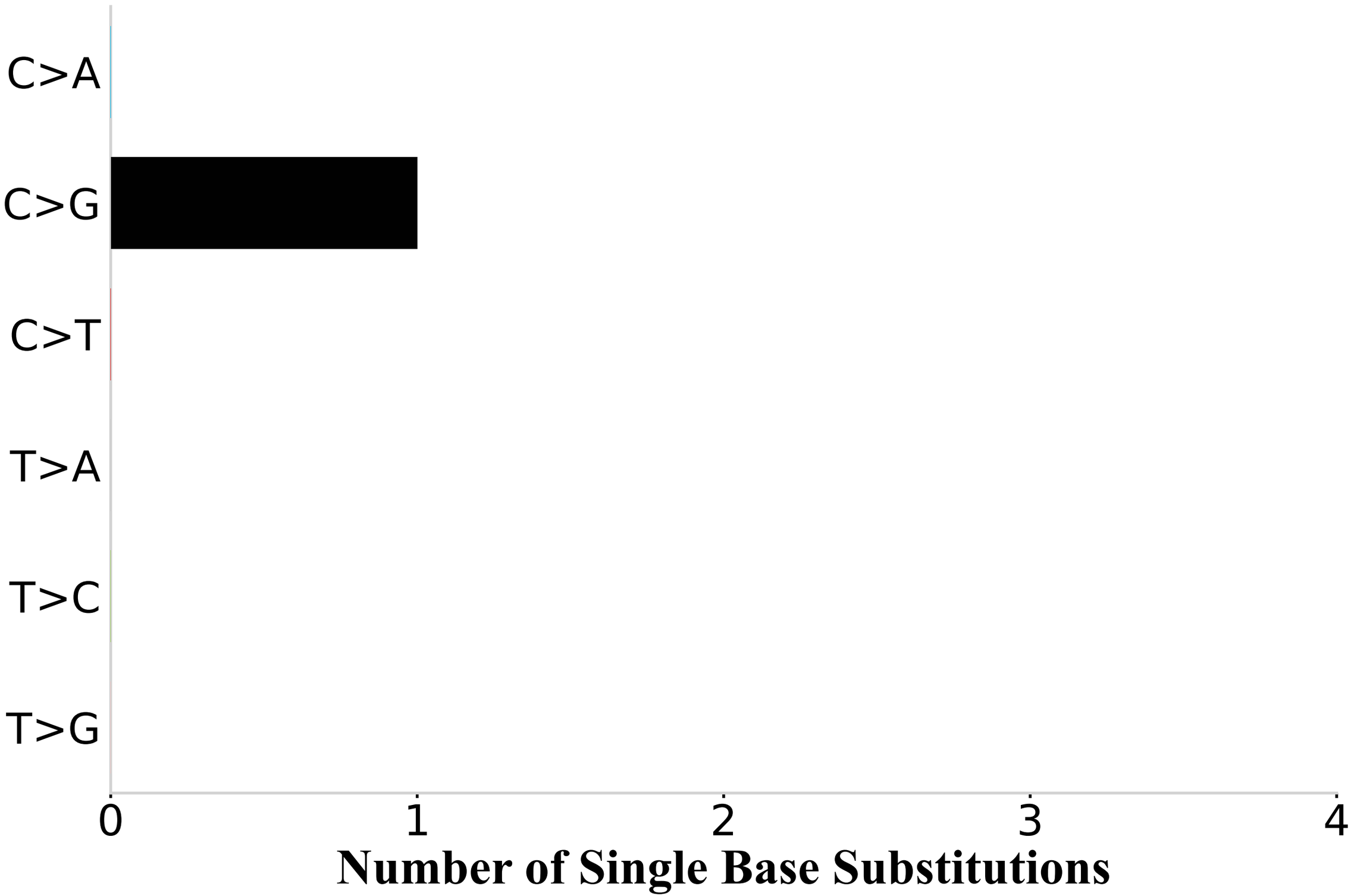

P-0011113-T02-IM6: 5 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

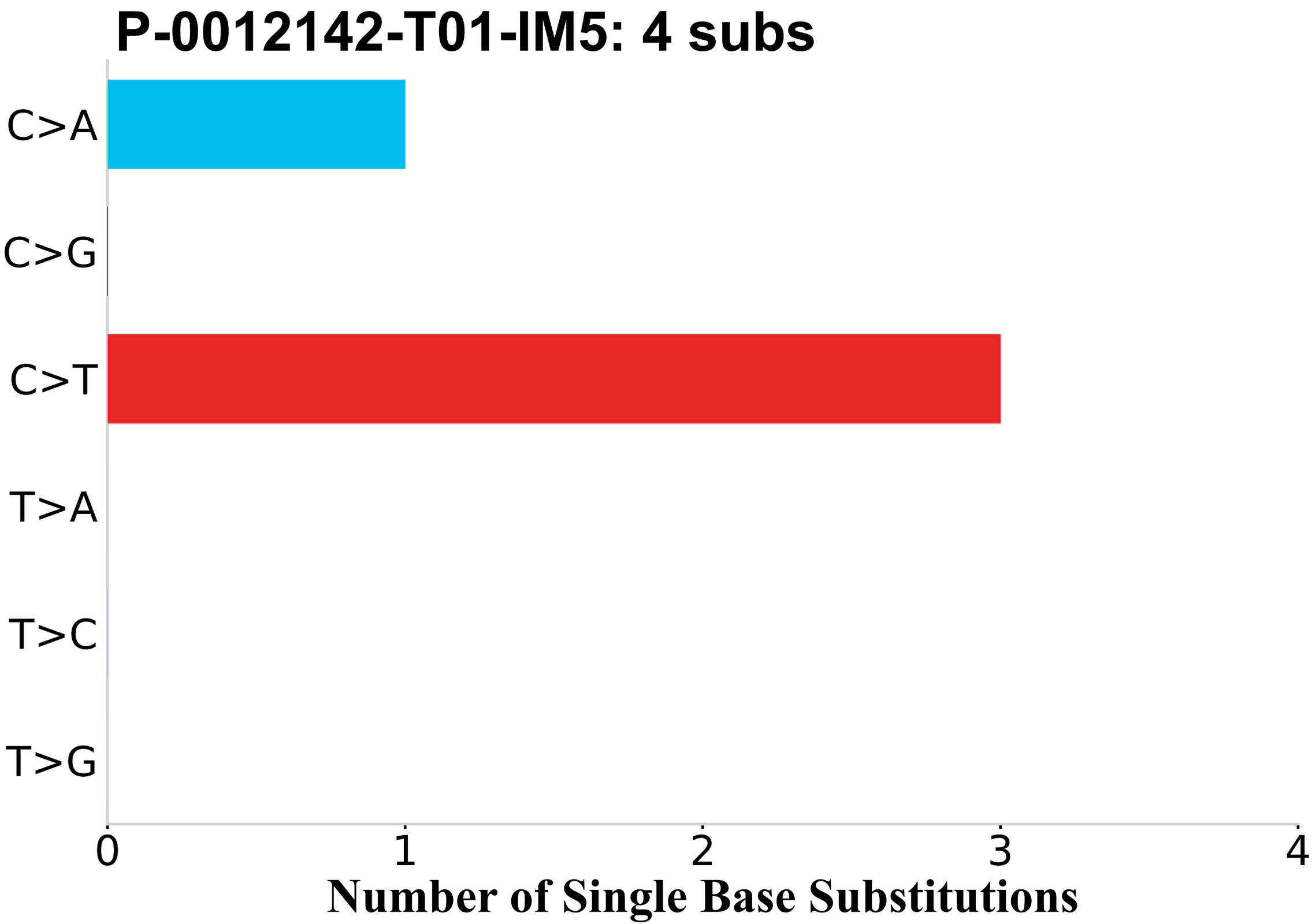
P-0011146-T01-IM5: 7 subs



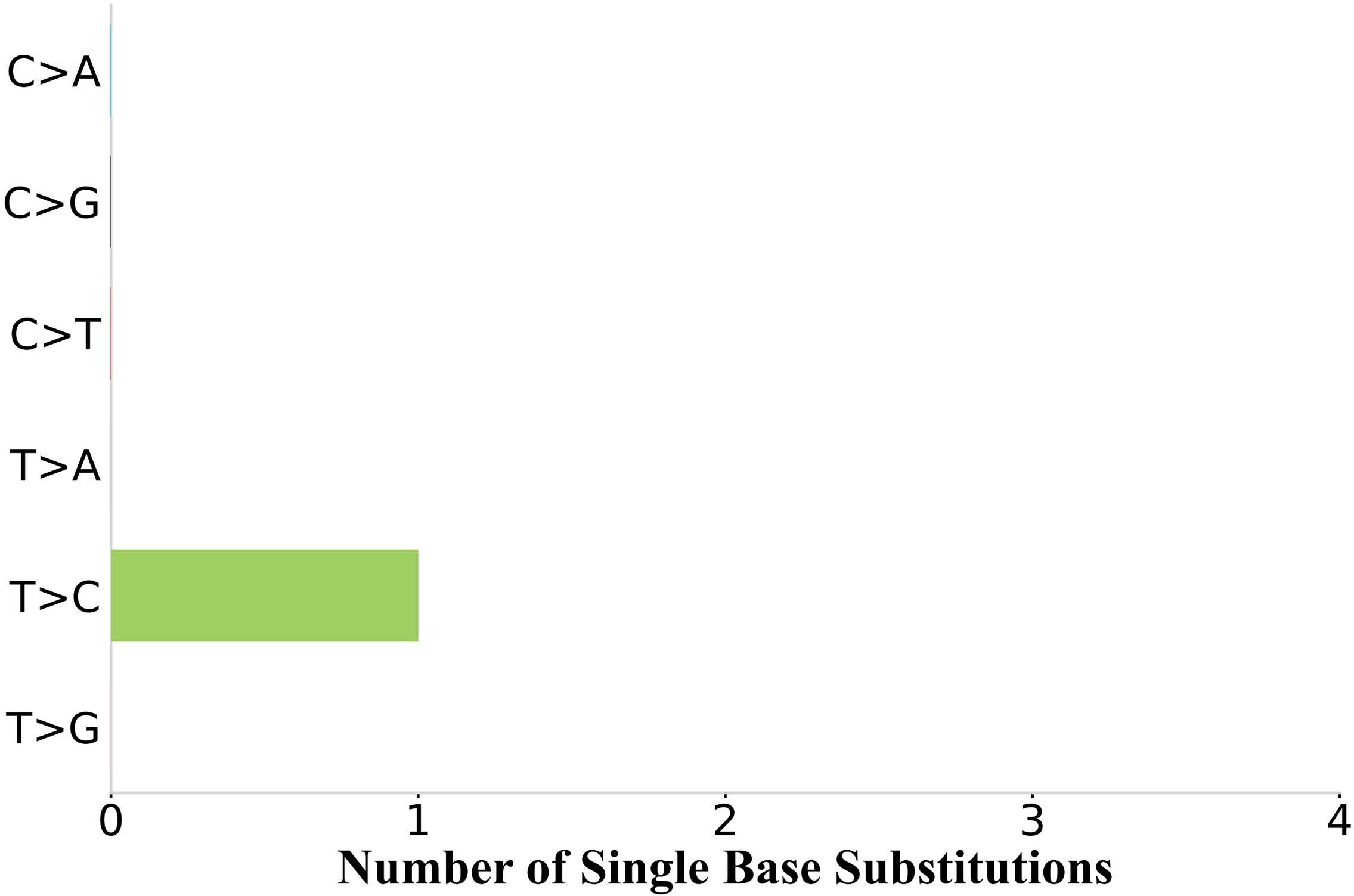
P-0011225-T02-IM5: 0 subs



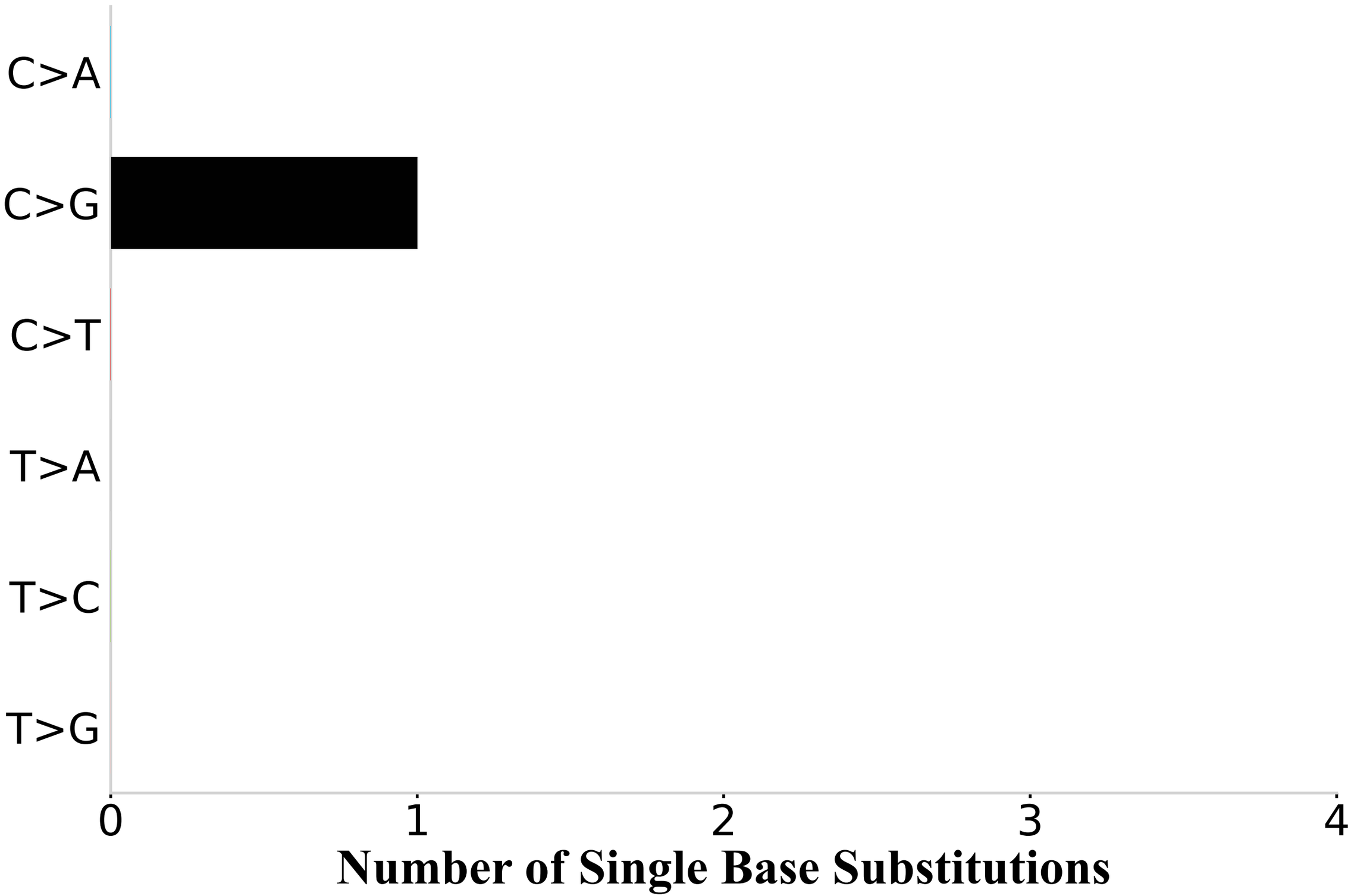

P-0011276-T01-IM5: 1 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions


P-0012142-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

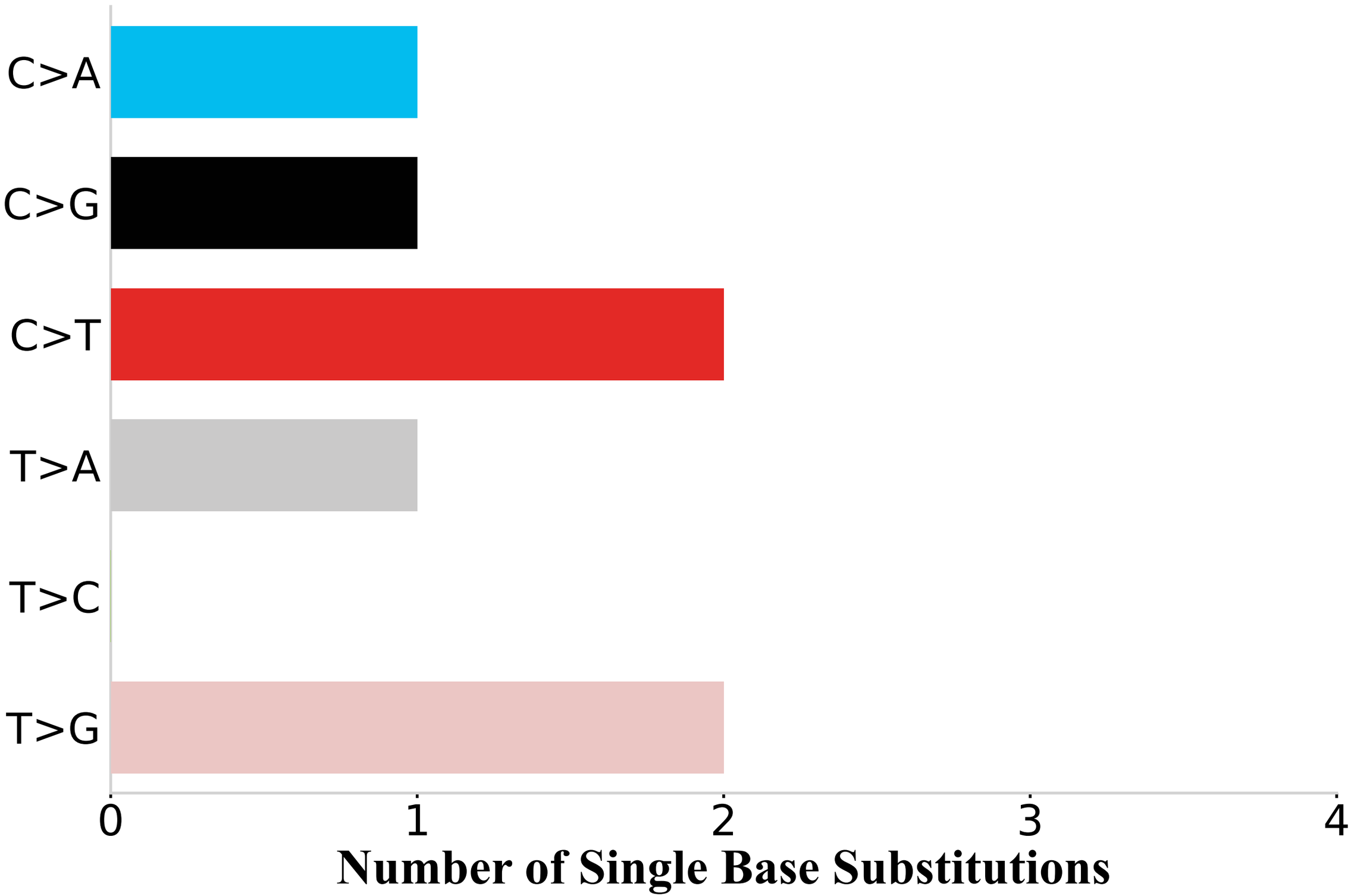
P-0012448-T01-IM5: 1 subs

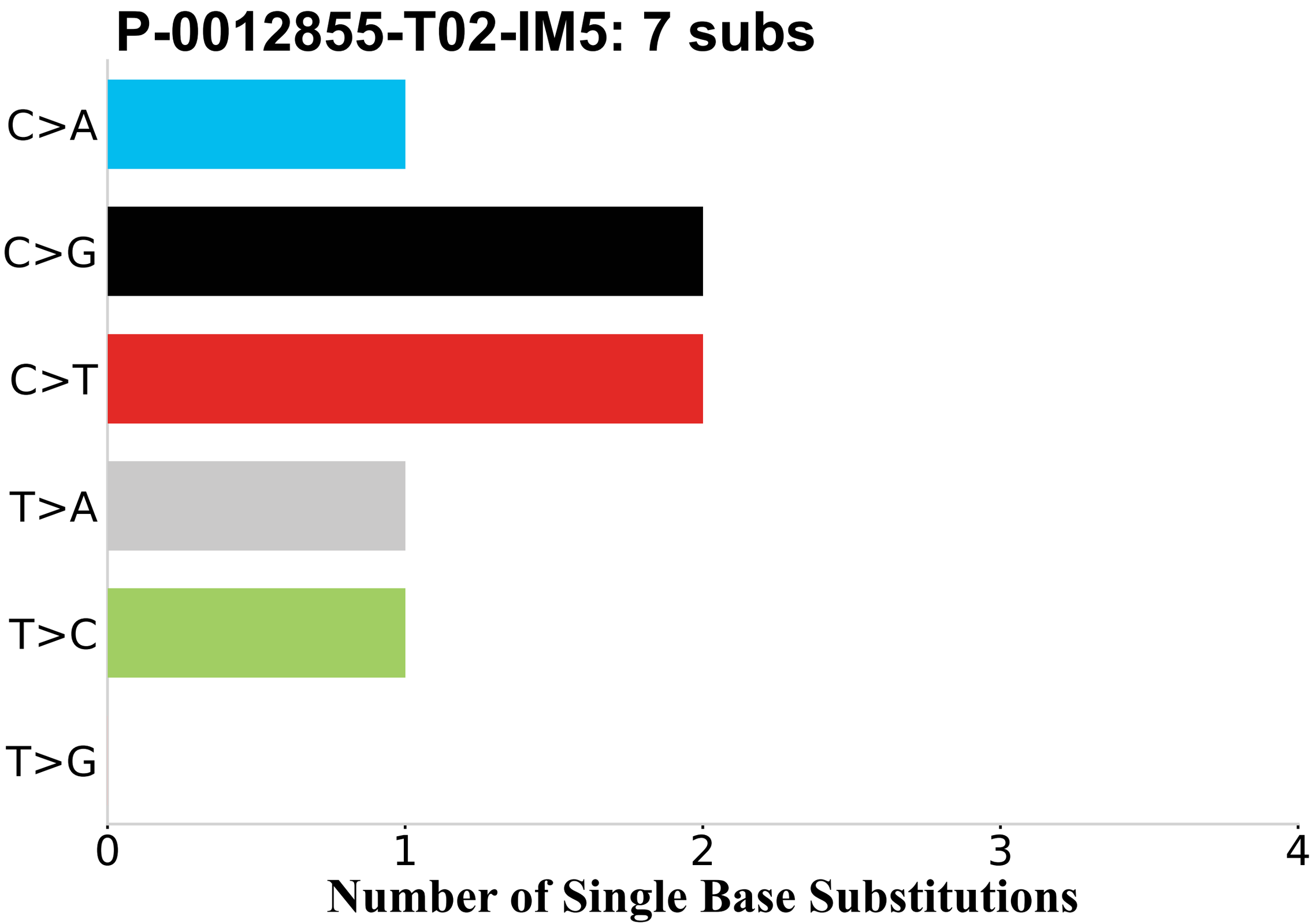


P-0012674-T01-IM5: 3 subs

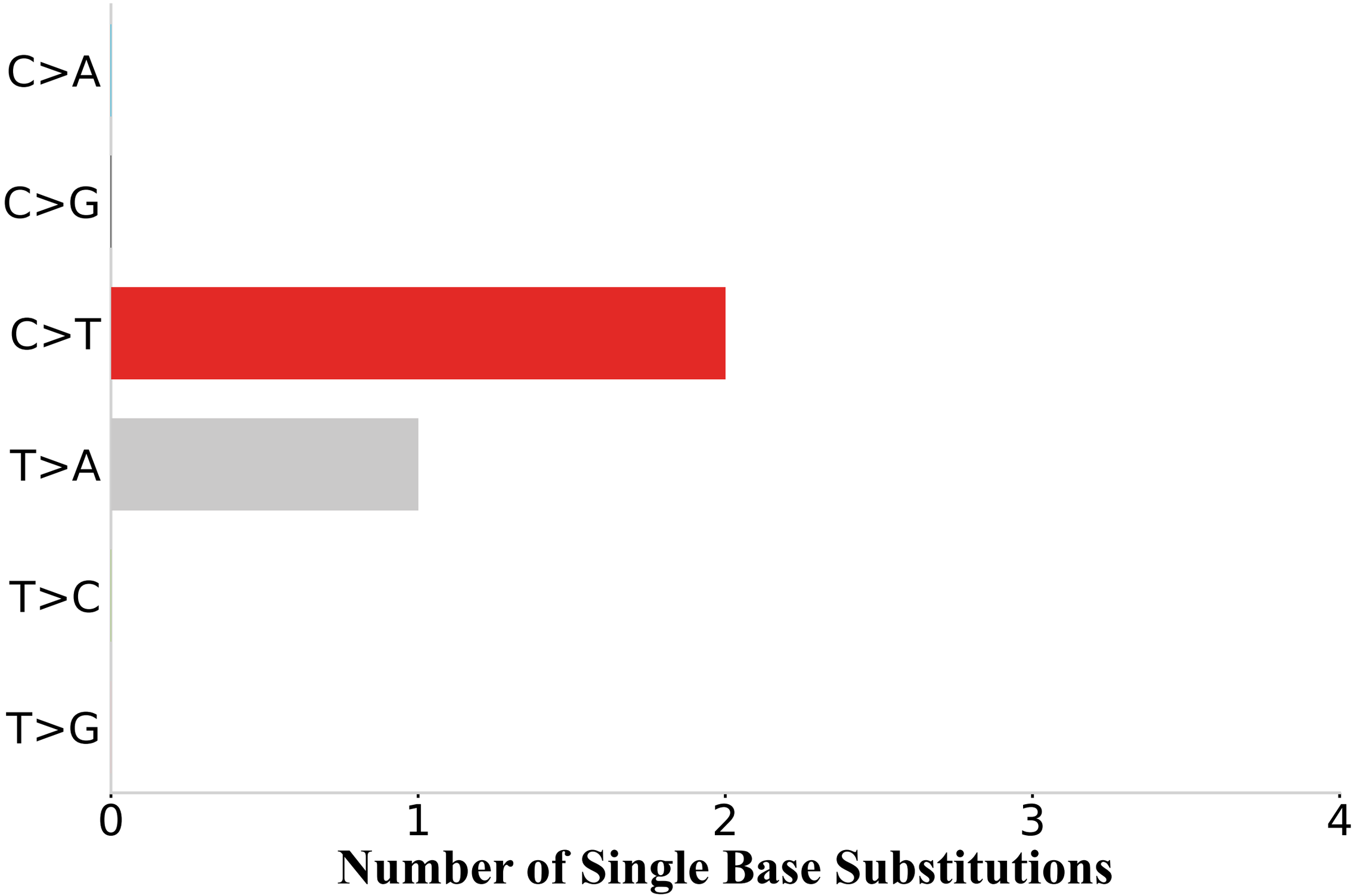

P-0012784-T01-IM5: 1 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

P-0012785-T01-IM5: 7 subs

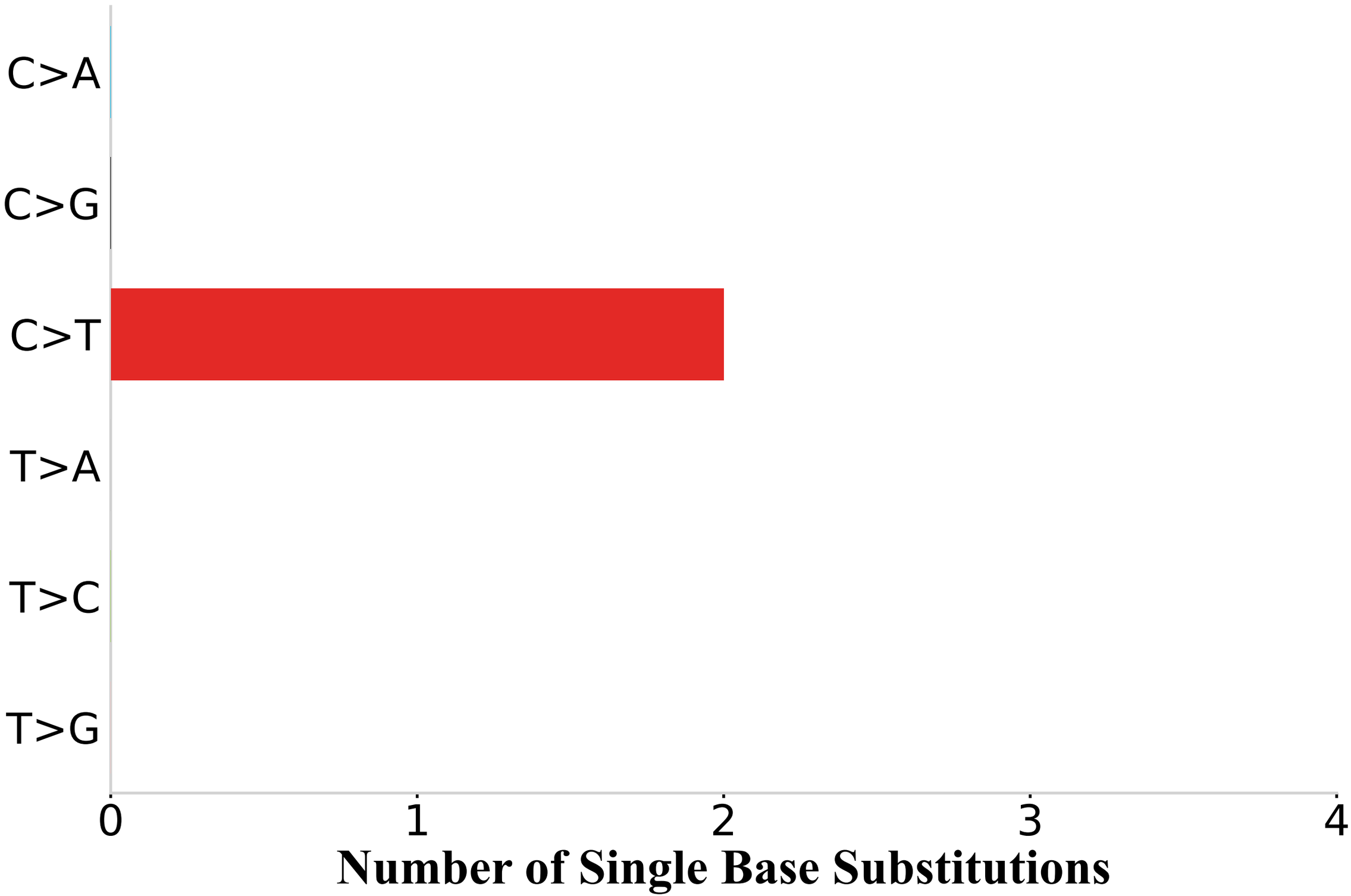


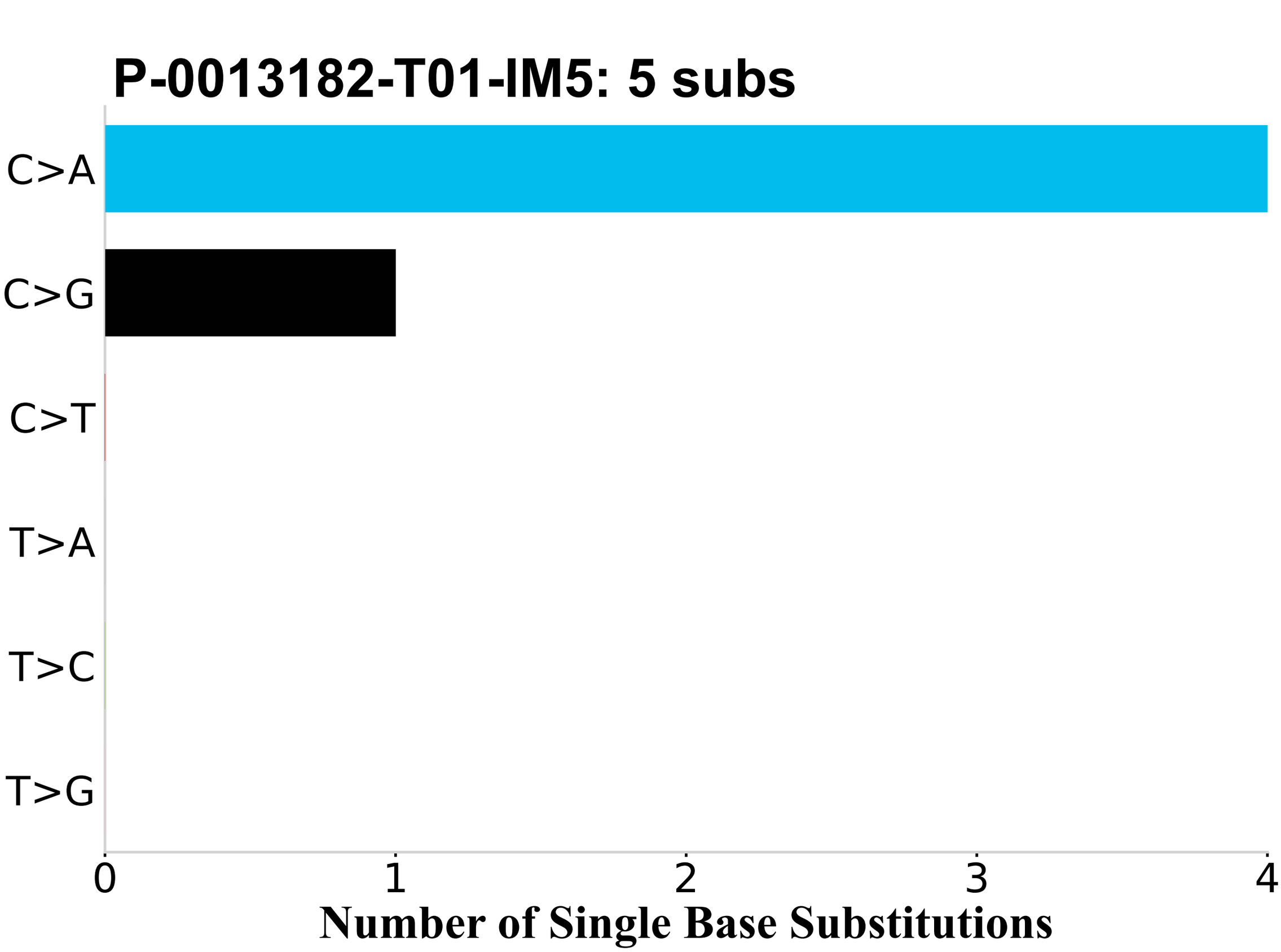

P-0012855-T02-IM5: 7 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

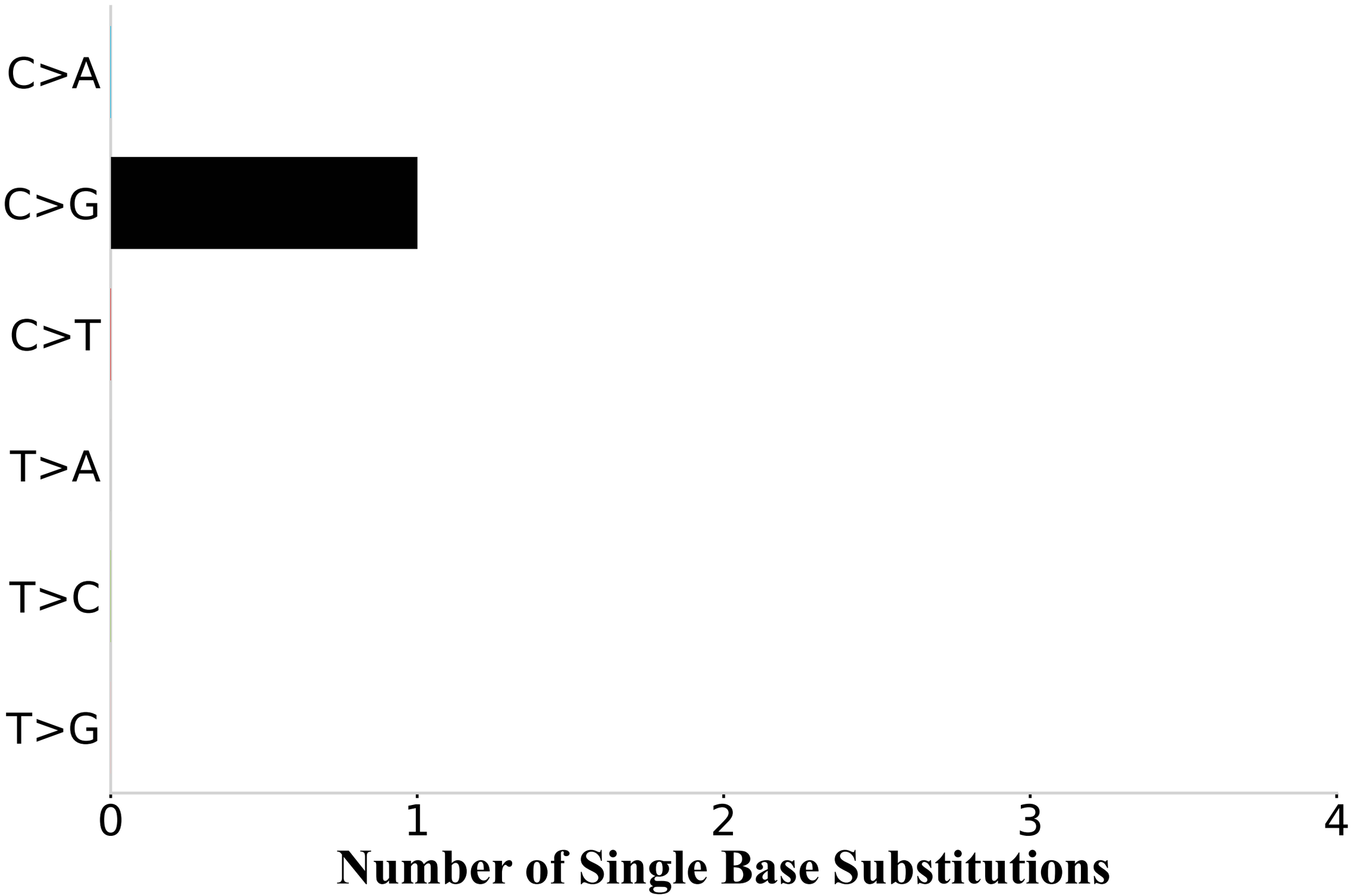
P-0012985-T01-IM5: 3 subs



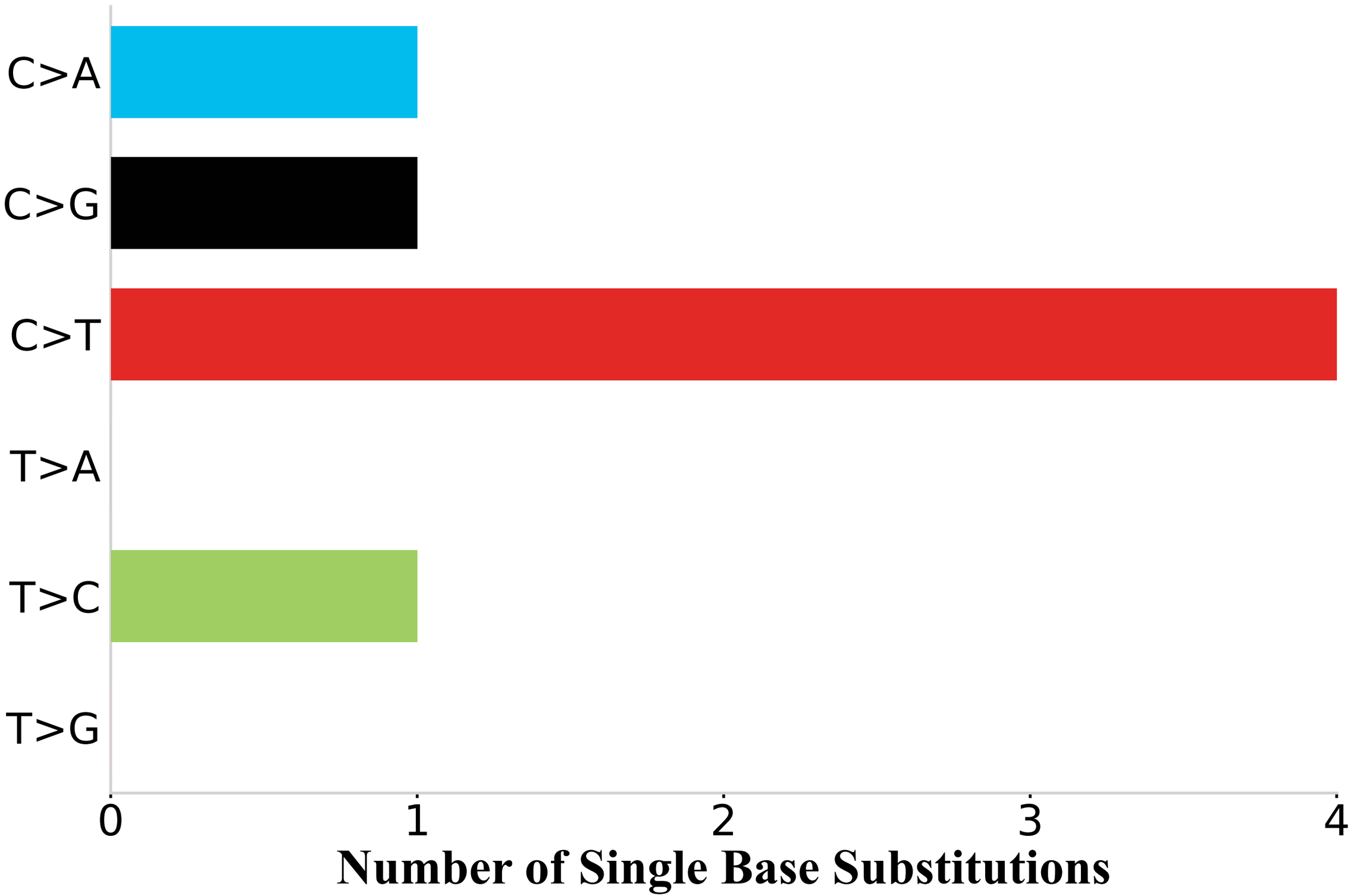
P-0013015-T02-IM6: 3 subs


P-0013145-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

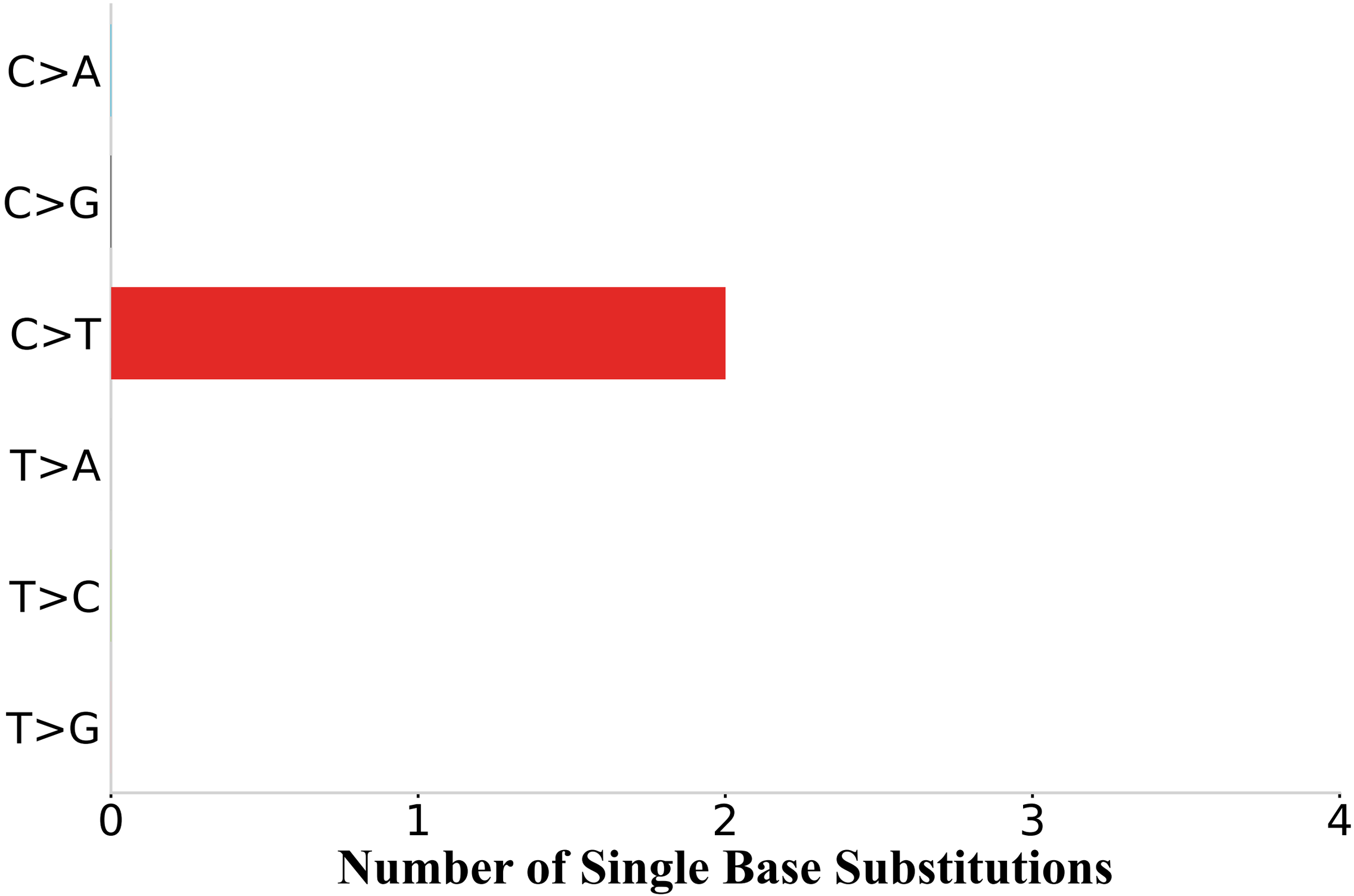

P-0013182-T01-IM5: 5 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions


P-0013210-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

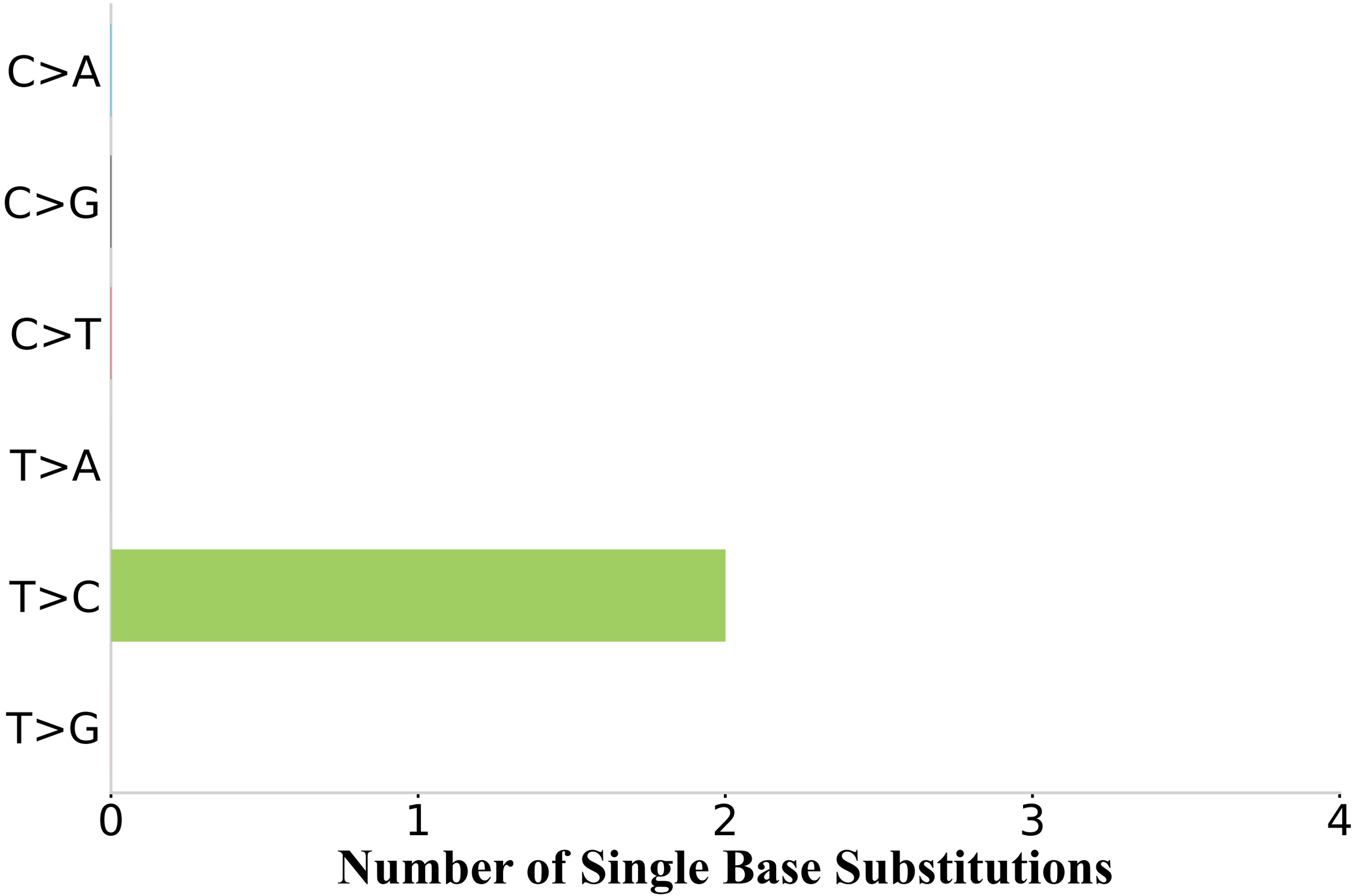
P-0013262-T01-IM5: 7 subs



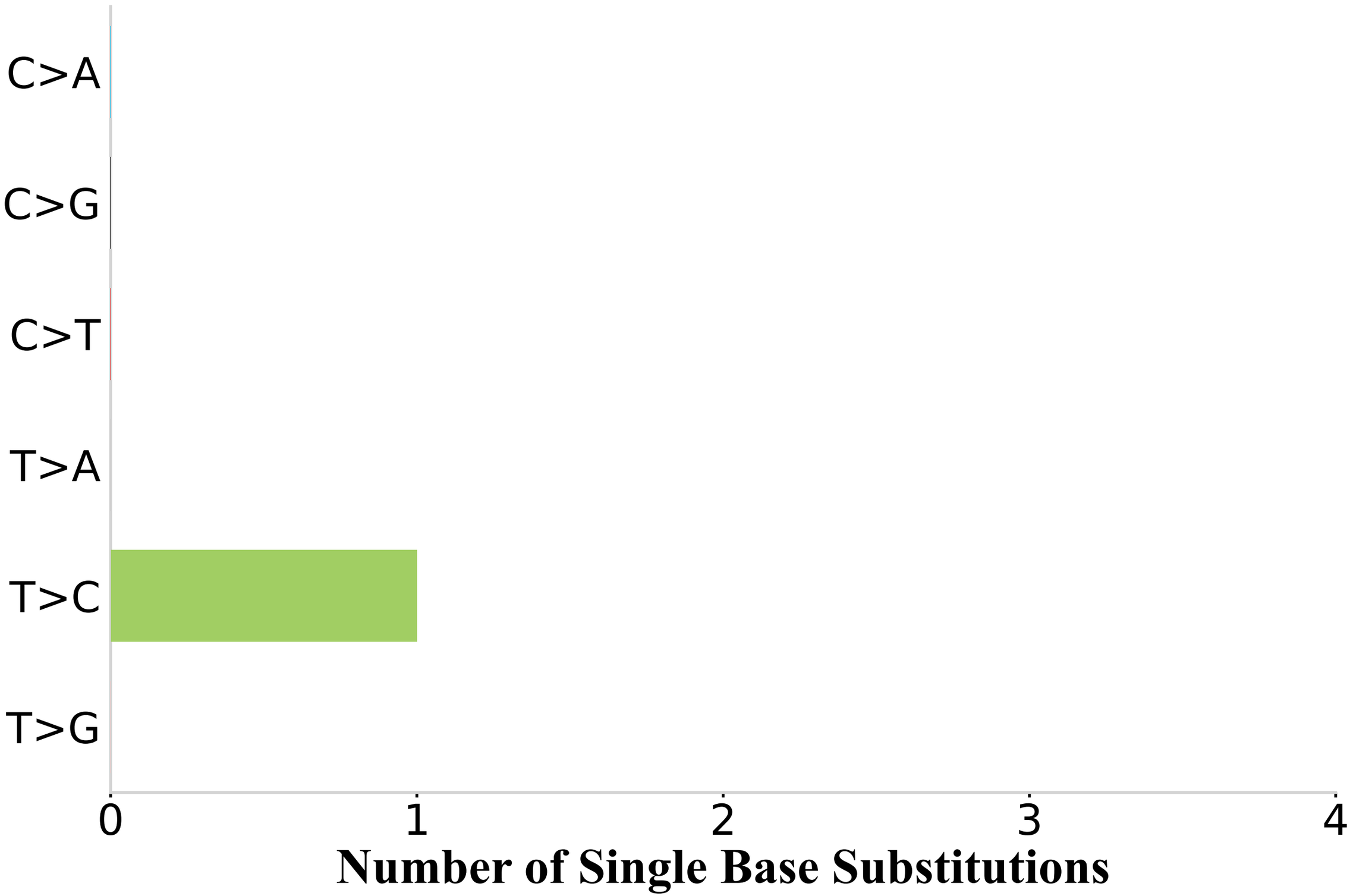
P-0013297-T01-IM5: 2 subs



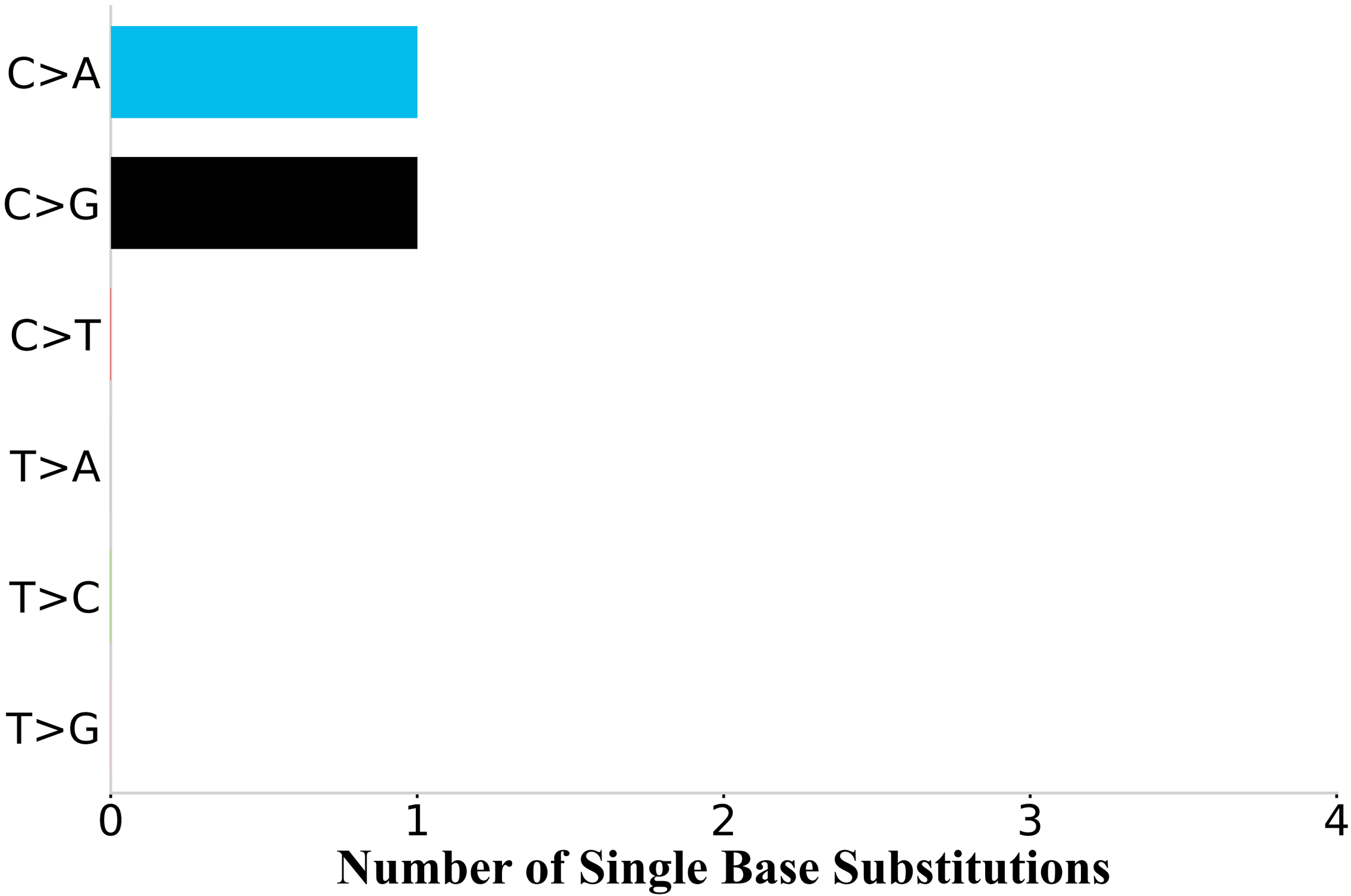
P-0013717-T01-IM5: 2 subs

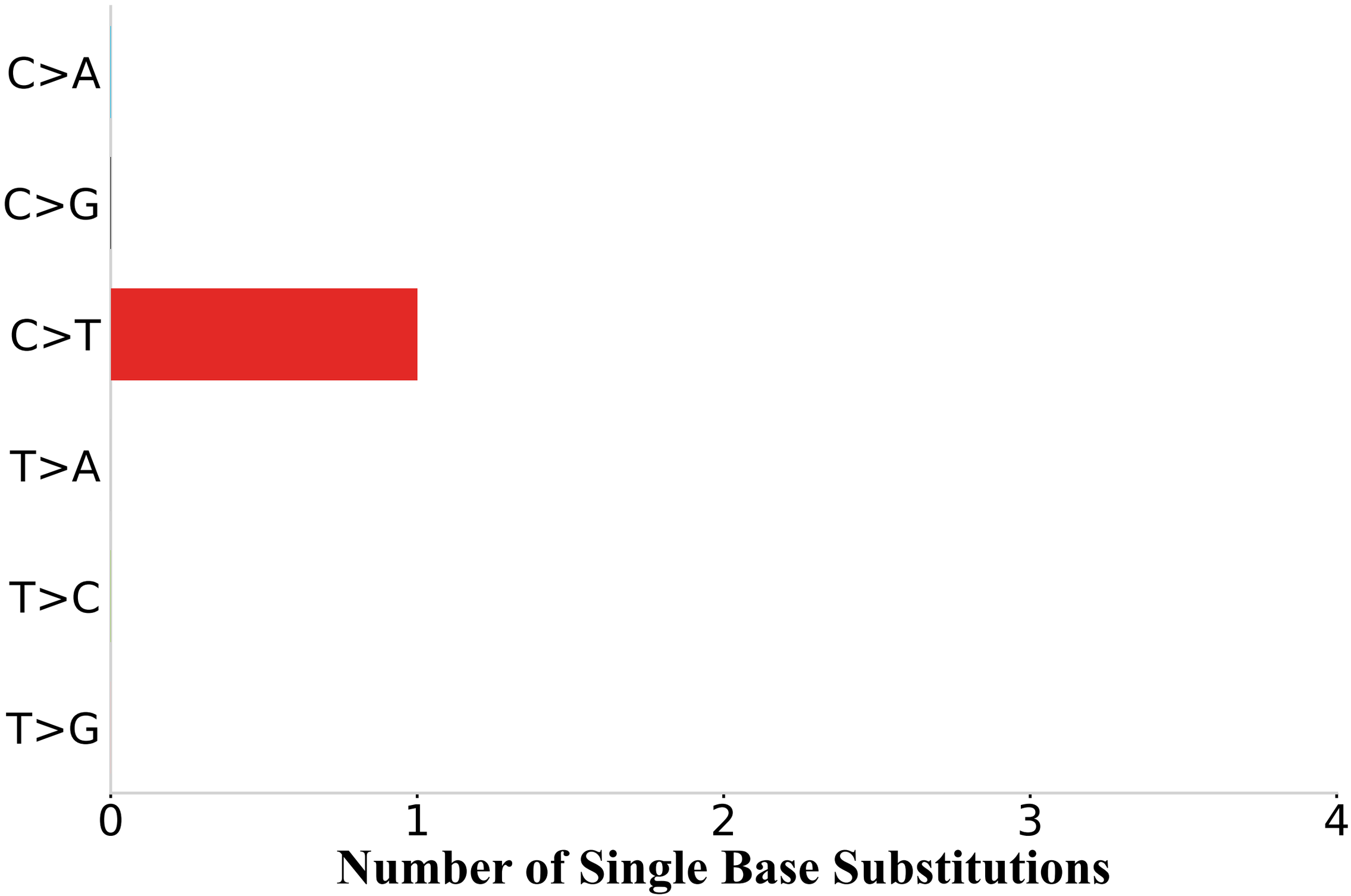


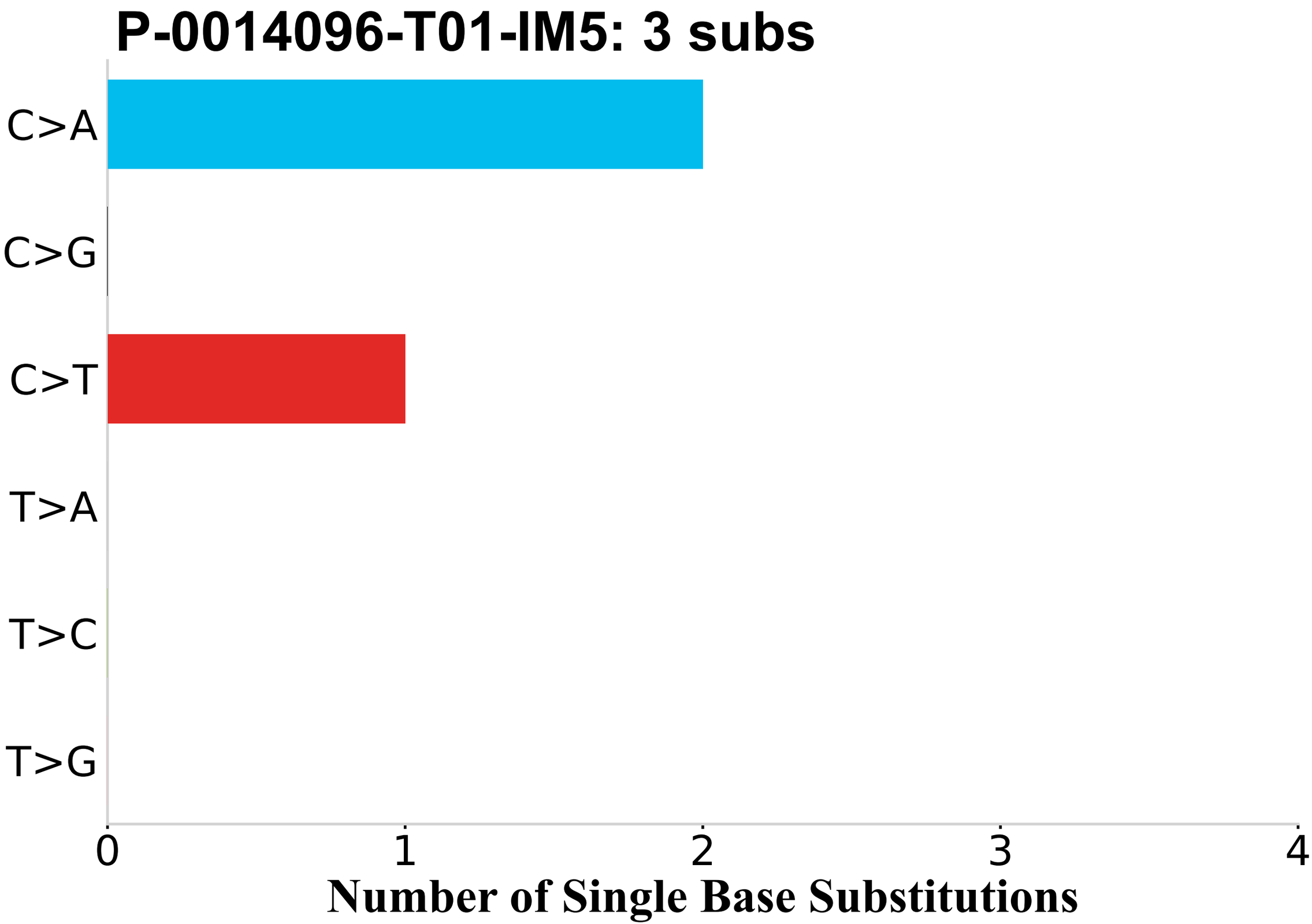
P-0013720-T01-IM5: 1 subs



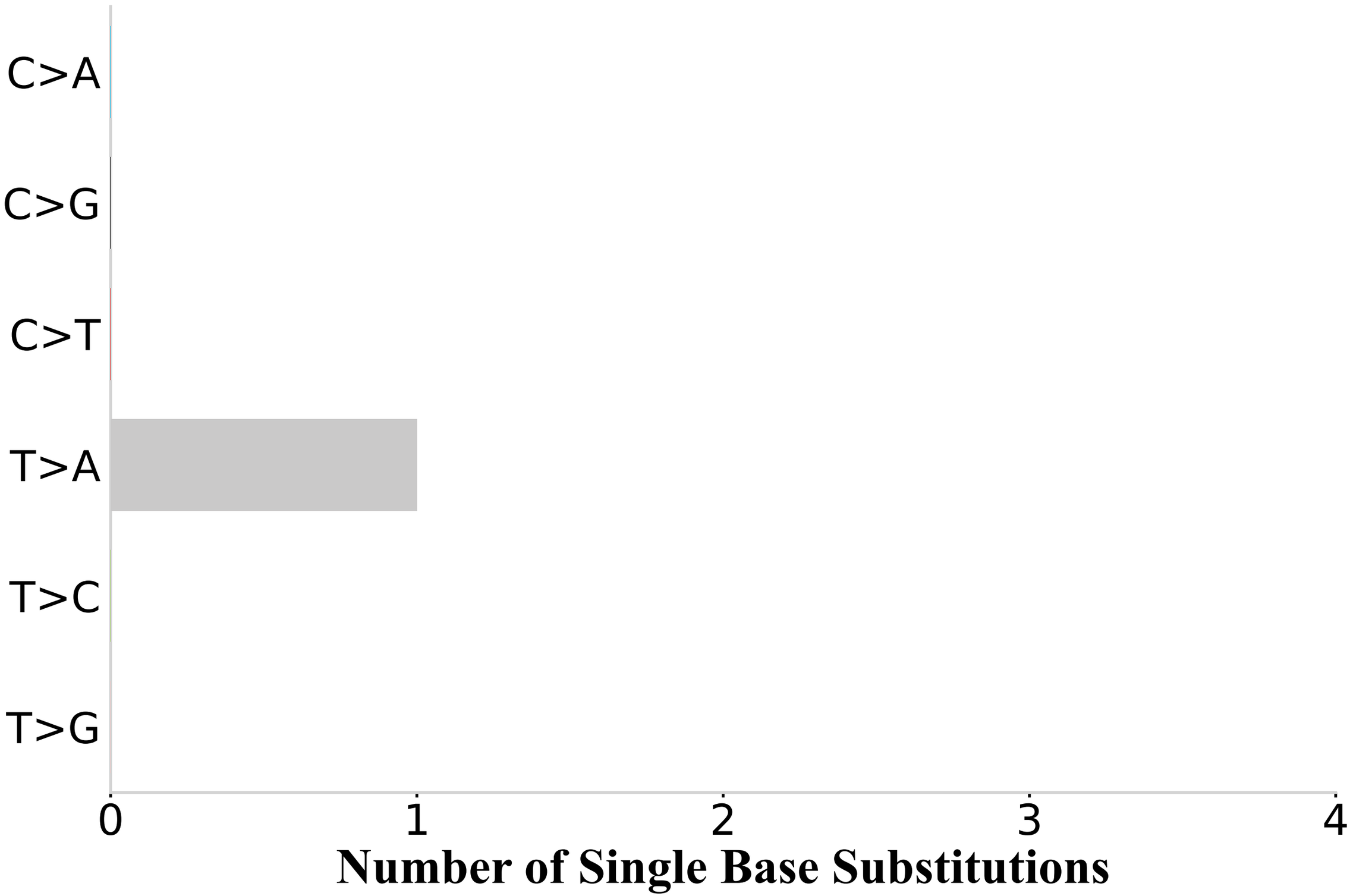
P-0013798-T01-IM5: 2 subs



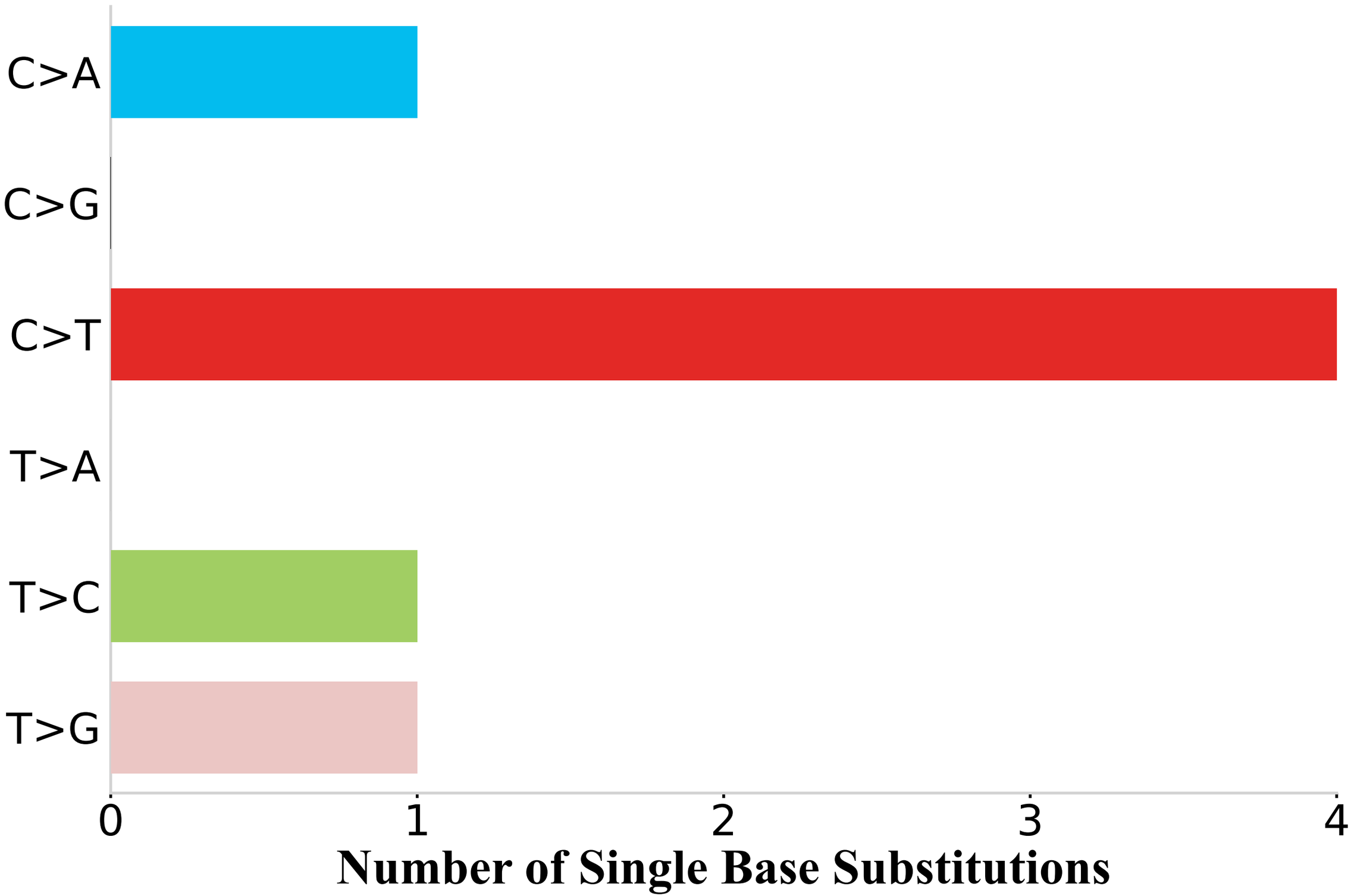

P-0013985-T01-IM5: 1 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions


P-0014096-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

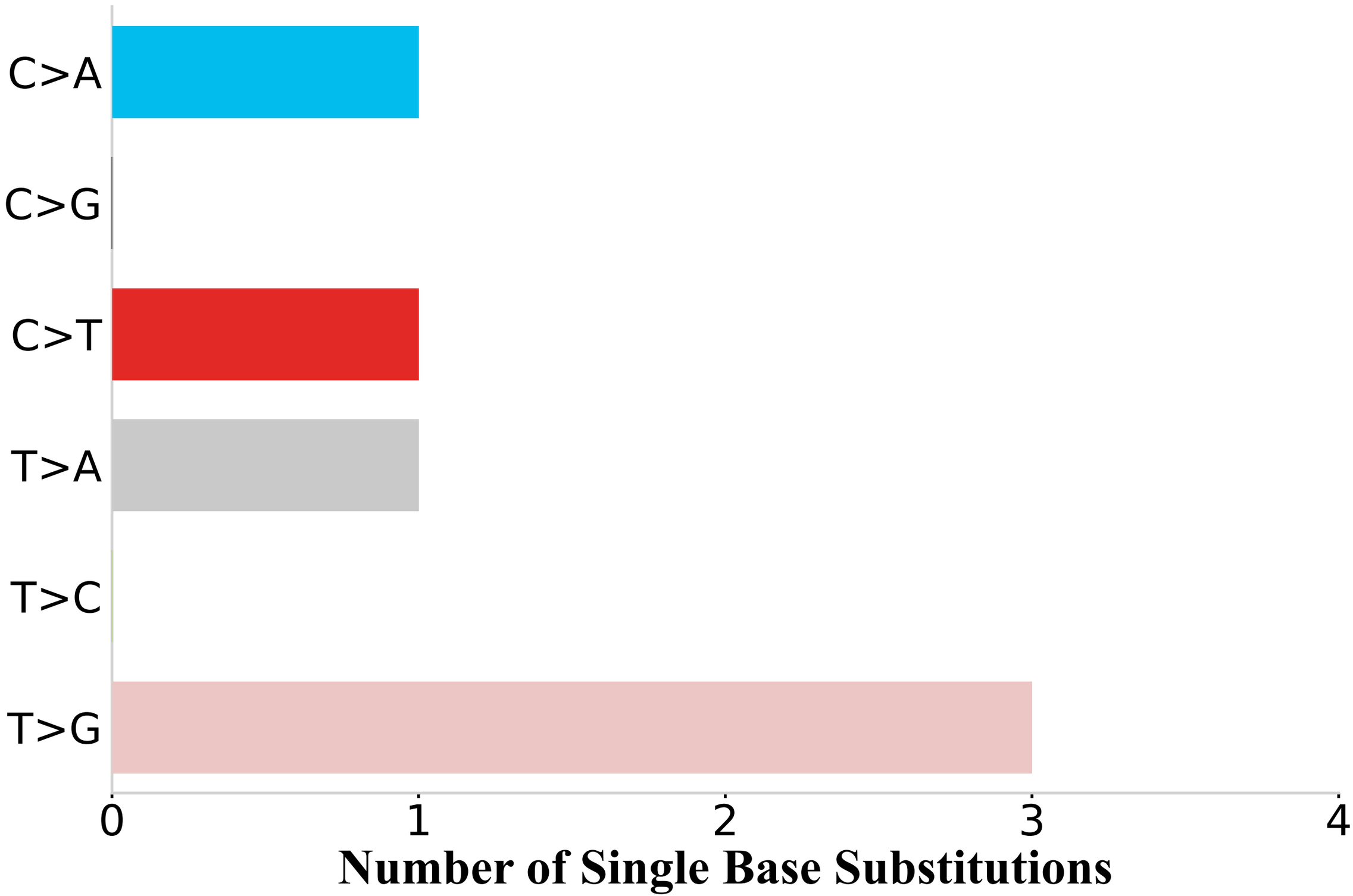
P-0014097-T01-IM5: 1 subs



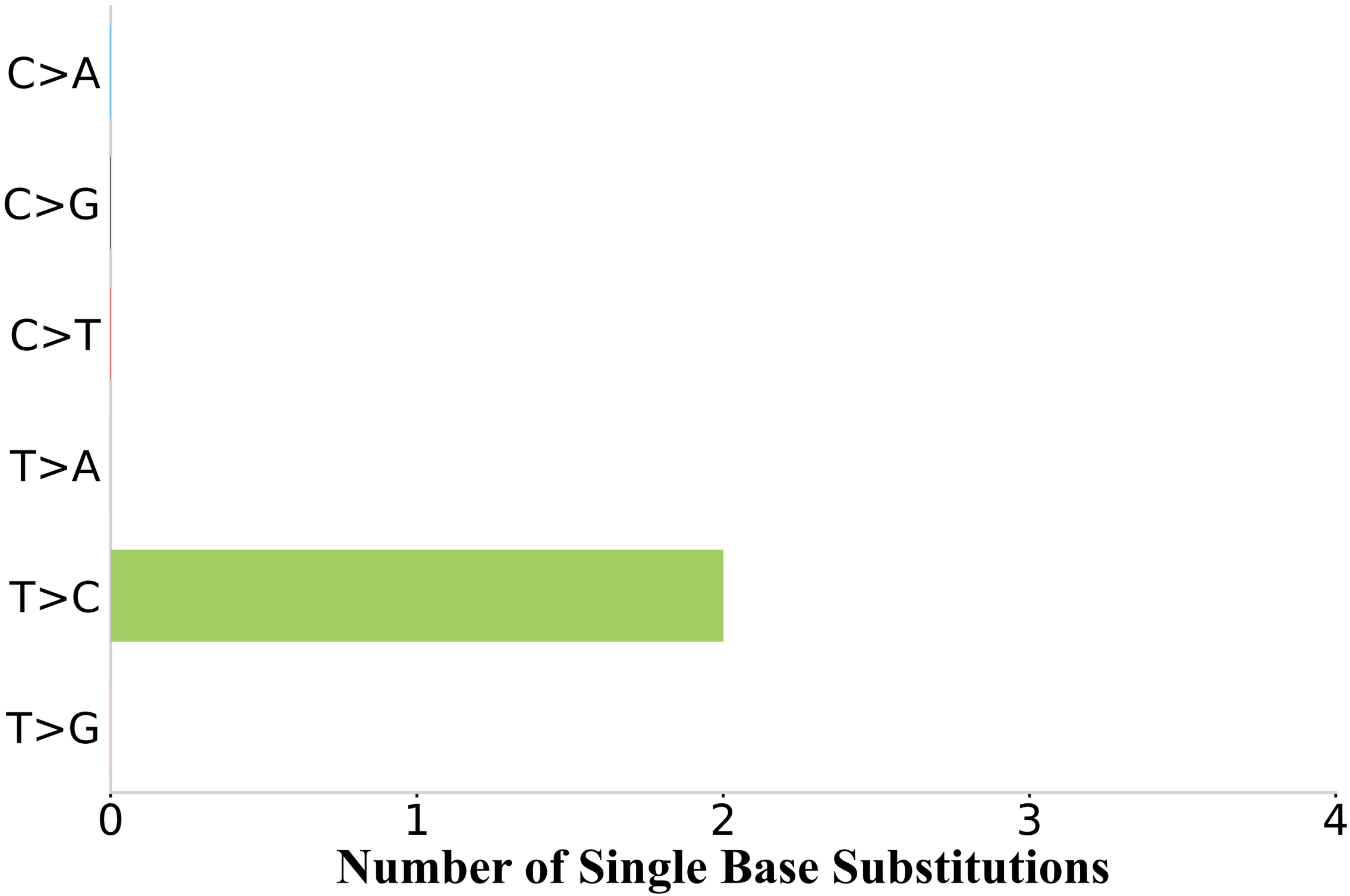
P-0014125-T01-IM5: 7 subs



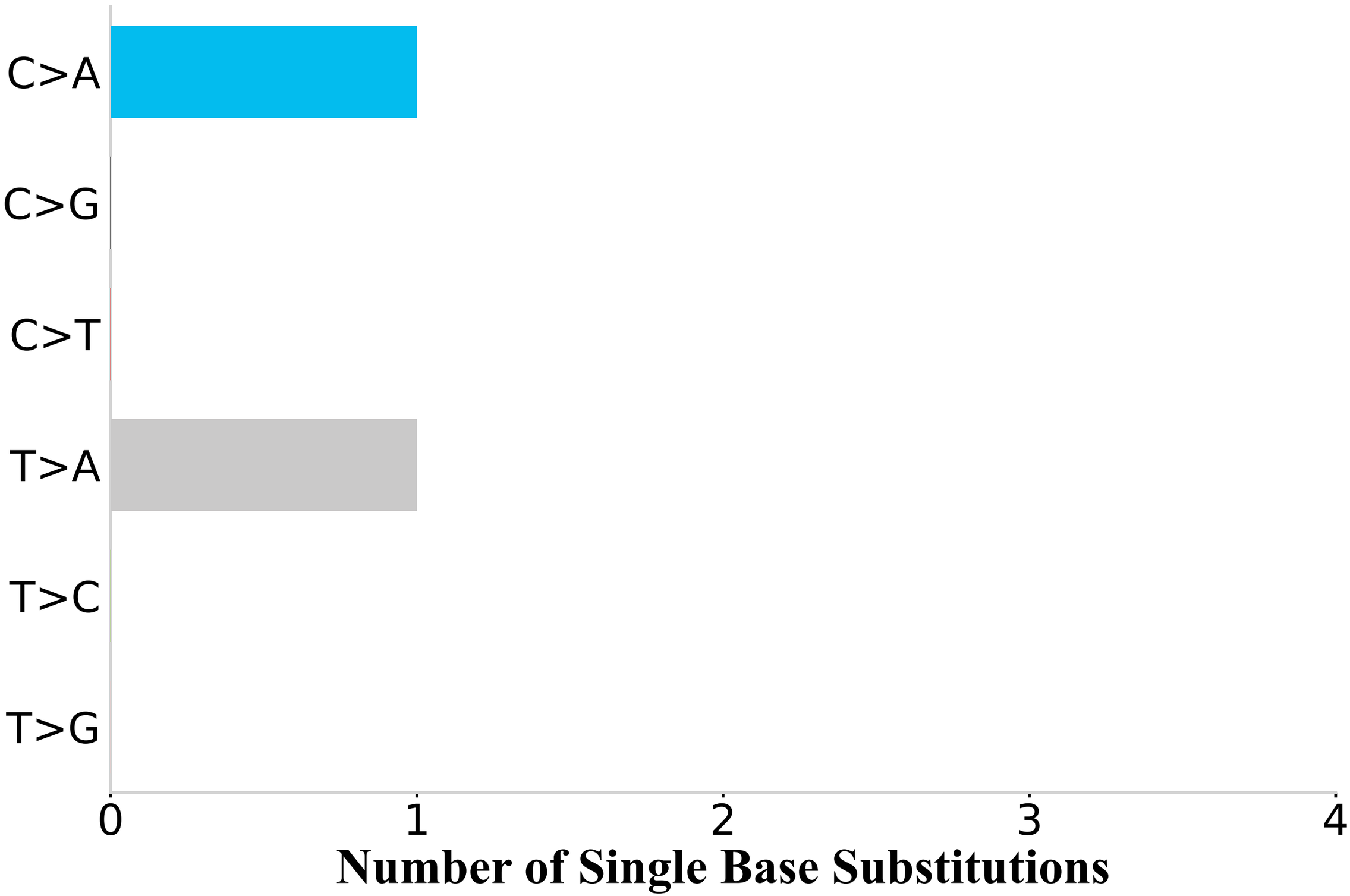
P-0014129-T03-IM6: 6 subs



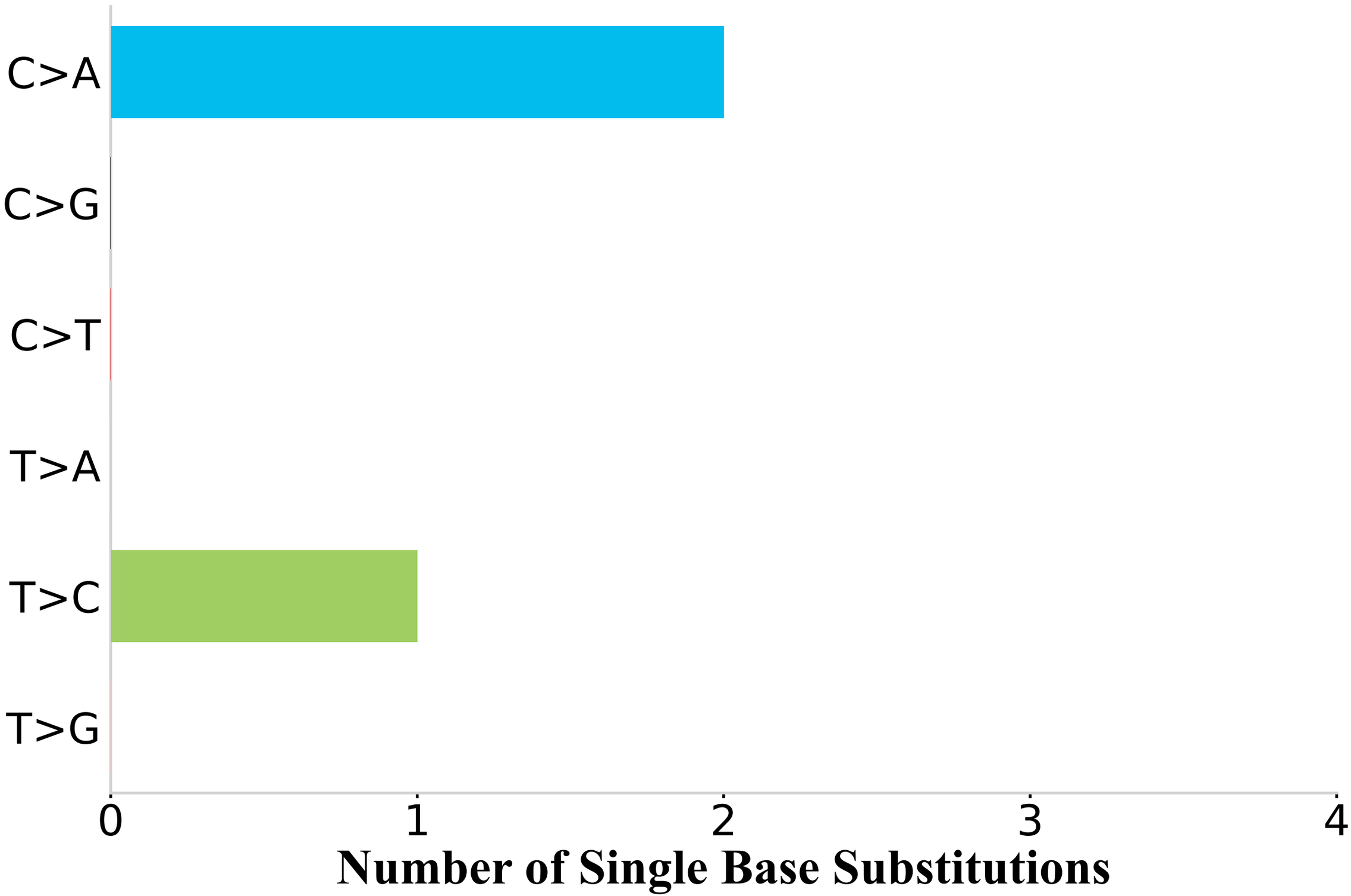
P-0014273-T01-IM6: 2 subs

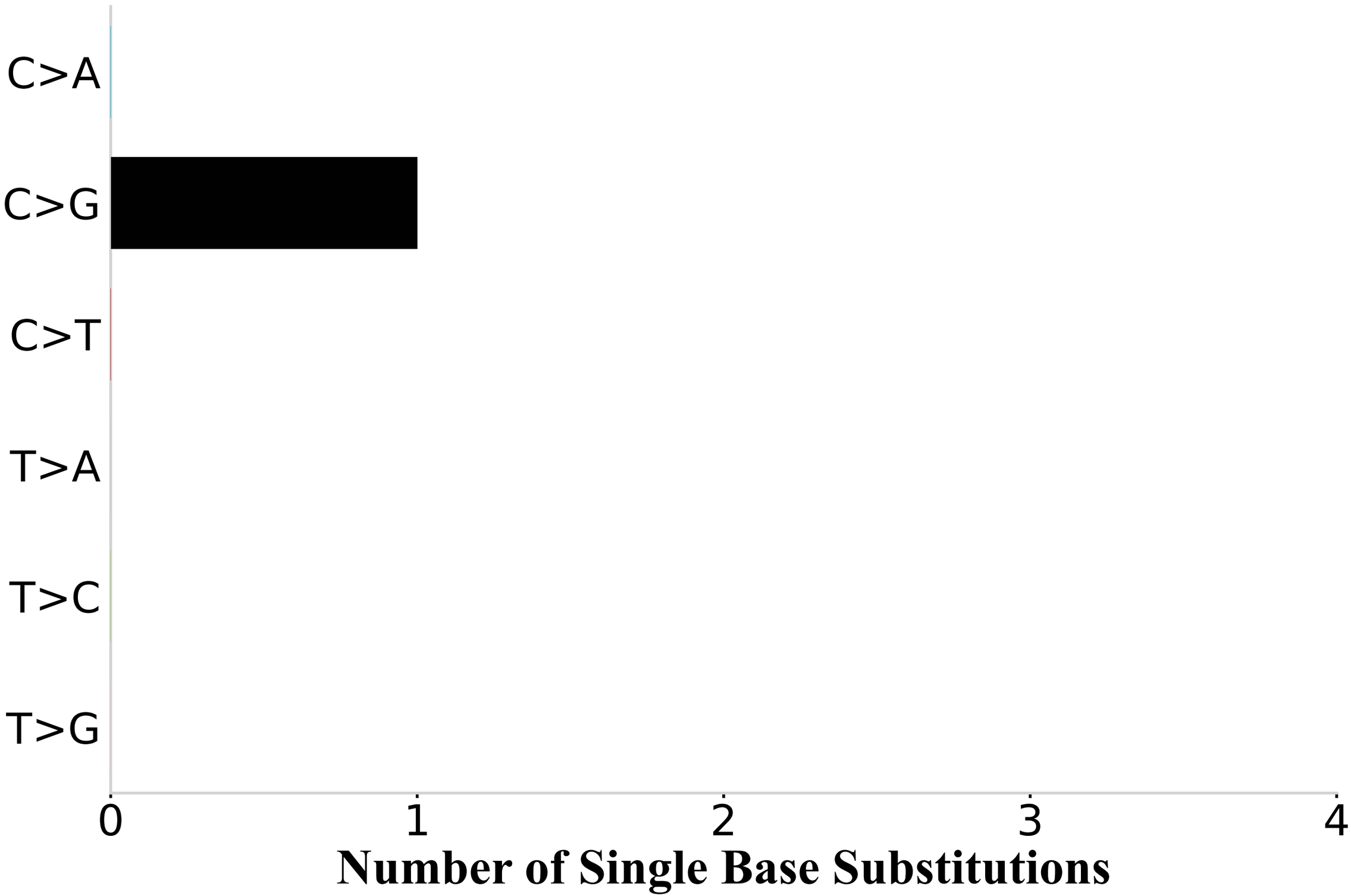


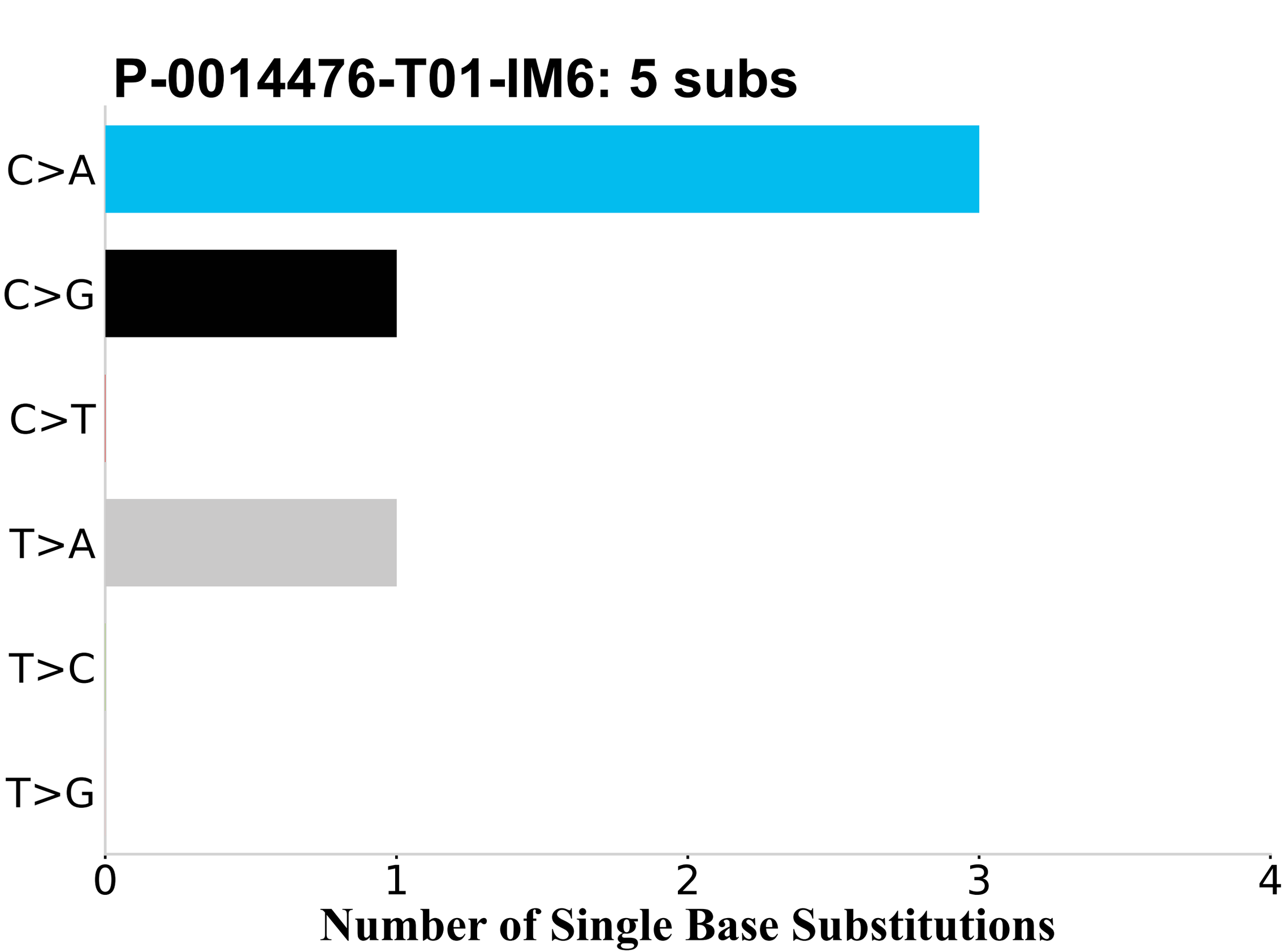
P-0014368-T01-IM6: 2 subs

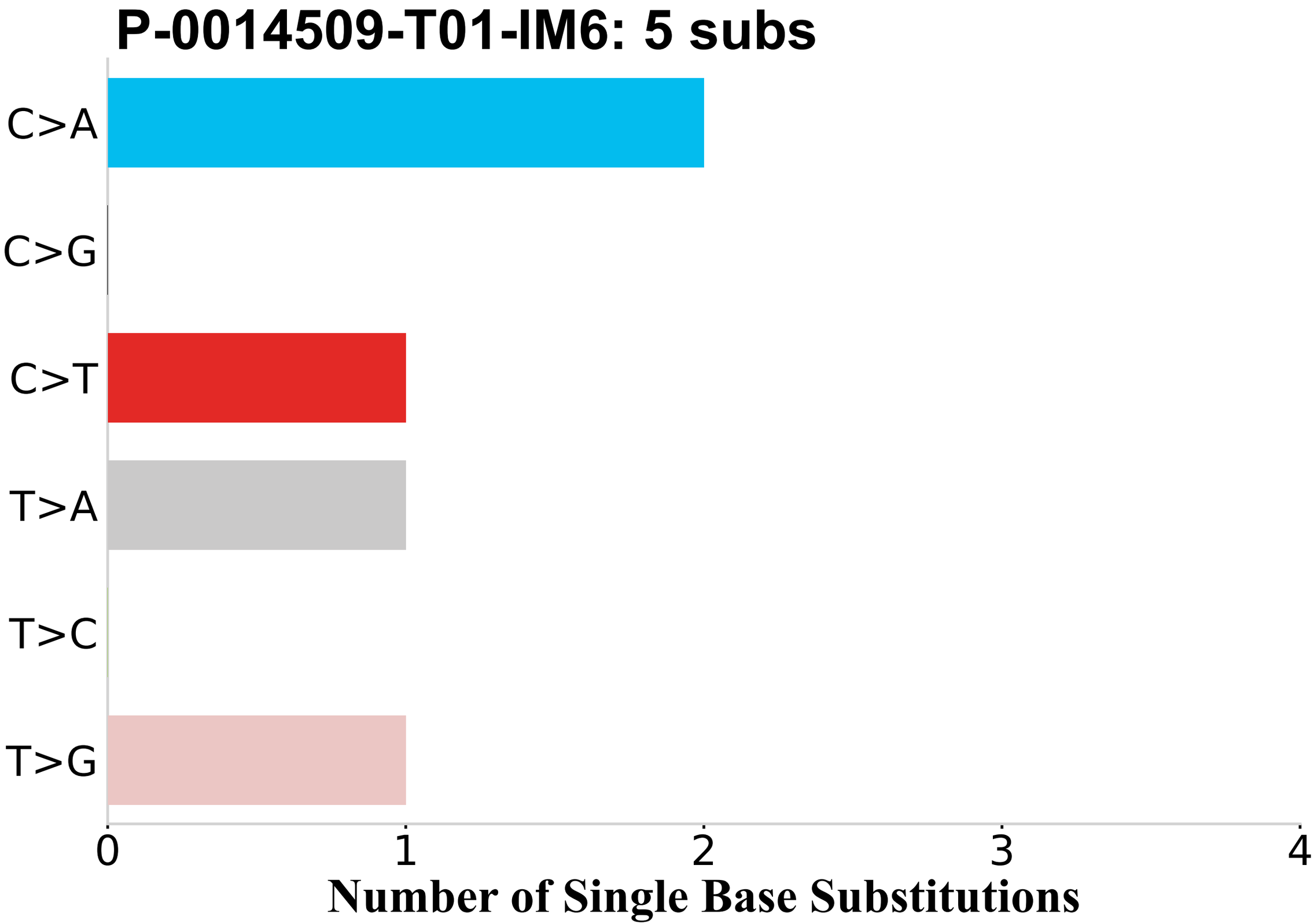


P-0014370-T01-IM6: 3 subs

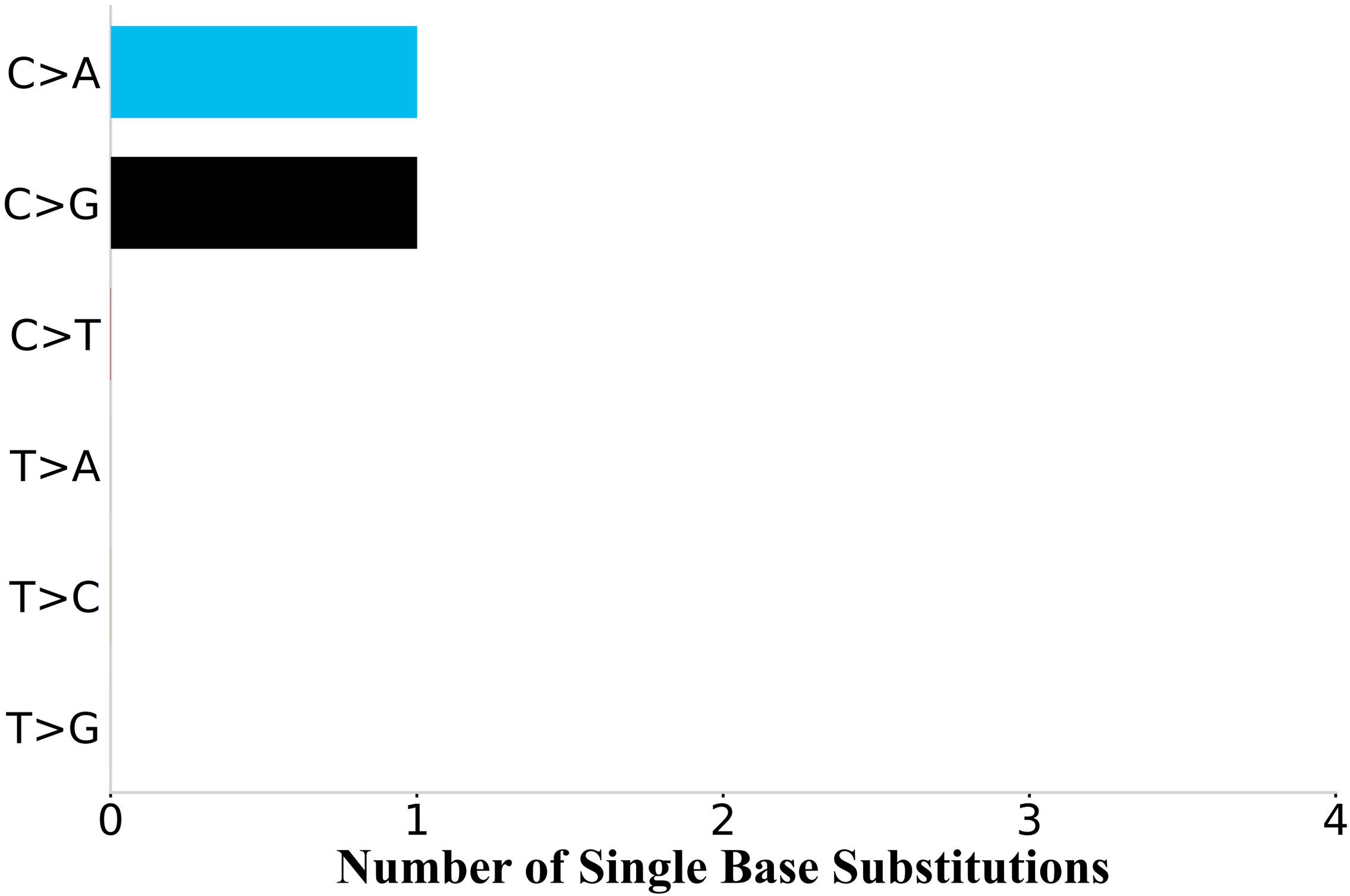



P-0014455-T01-IM6: 1 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

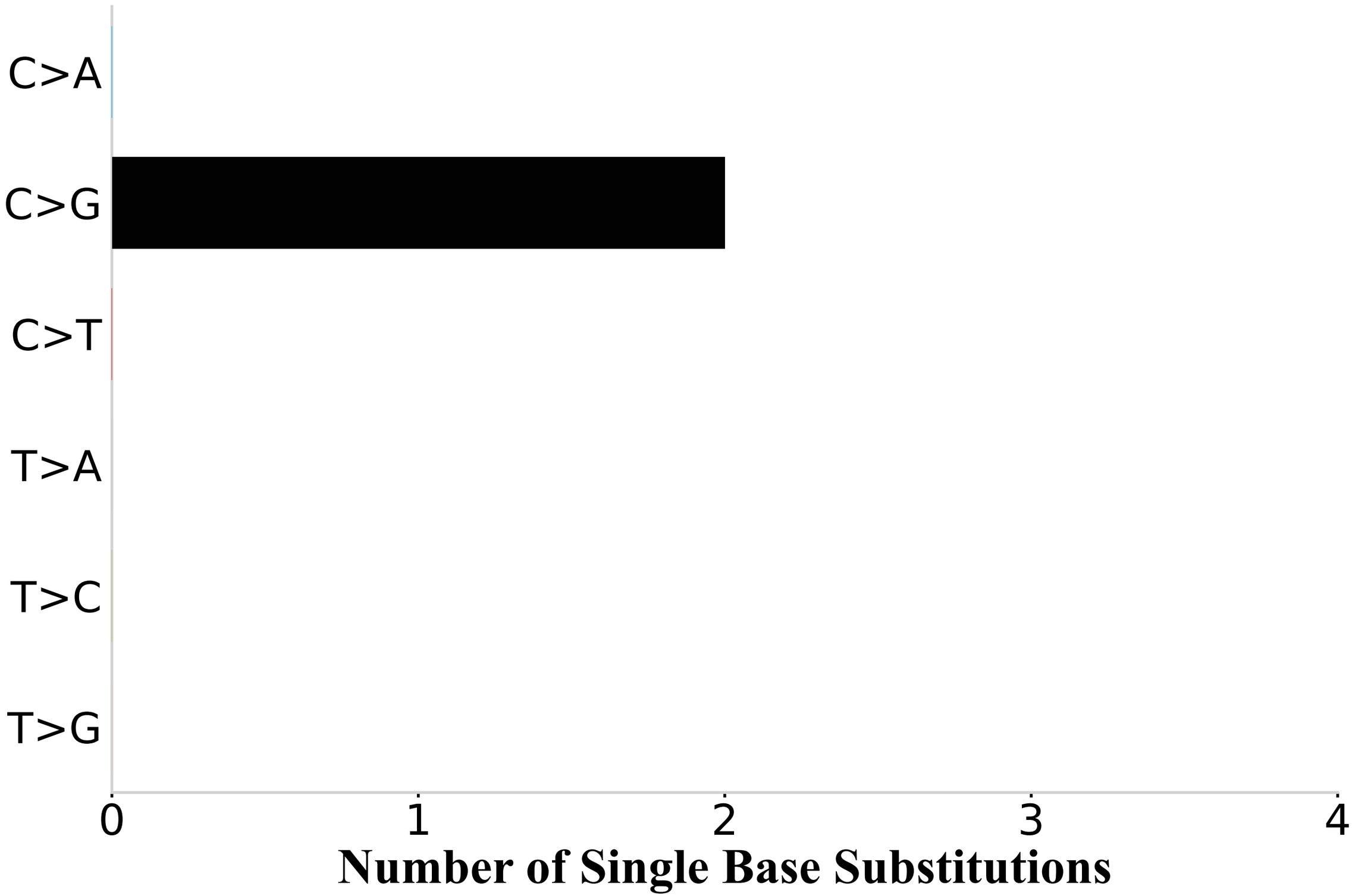

P-0014476-T01-IM6: 5 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions


P-0014509-T01-IM6: 5 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

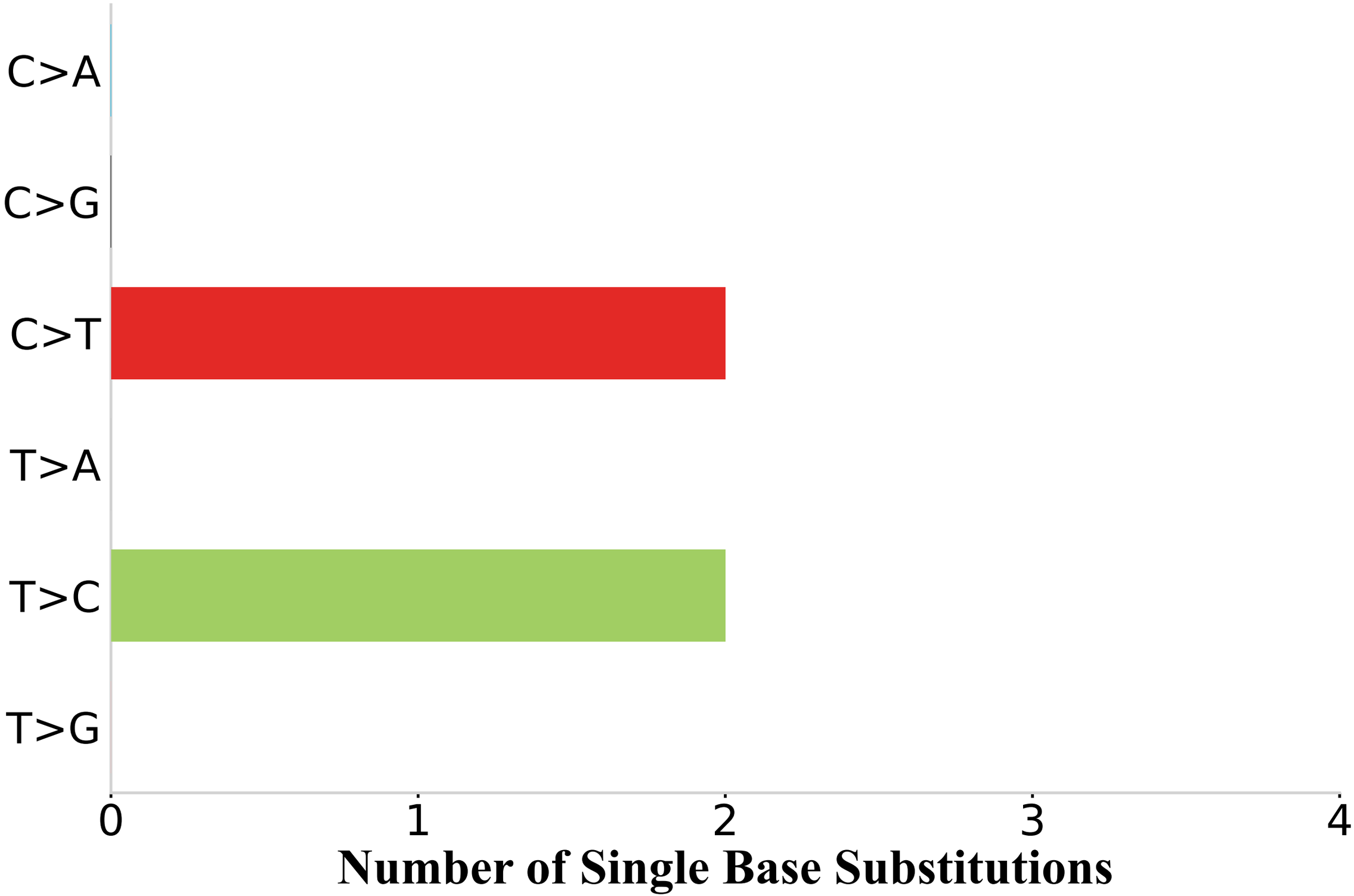
P-0014520-T01-IM6: 2 subs



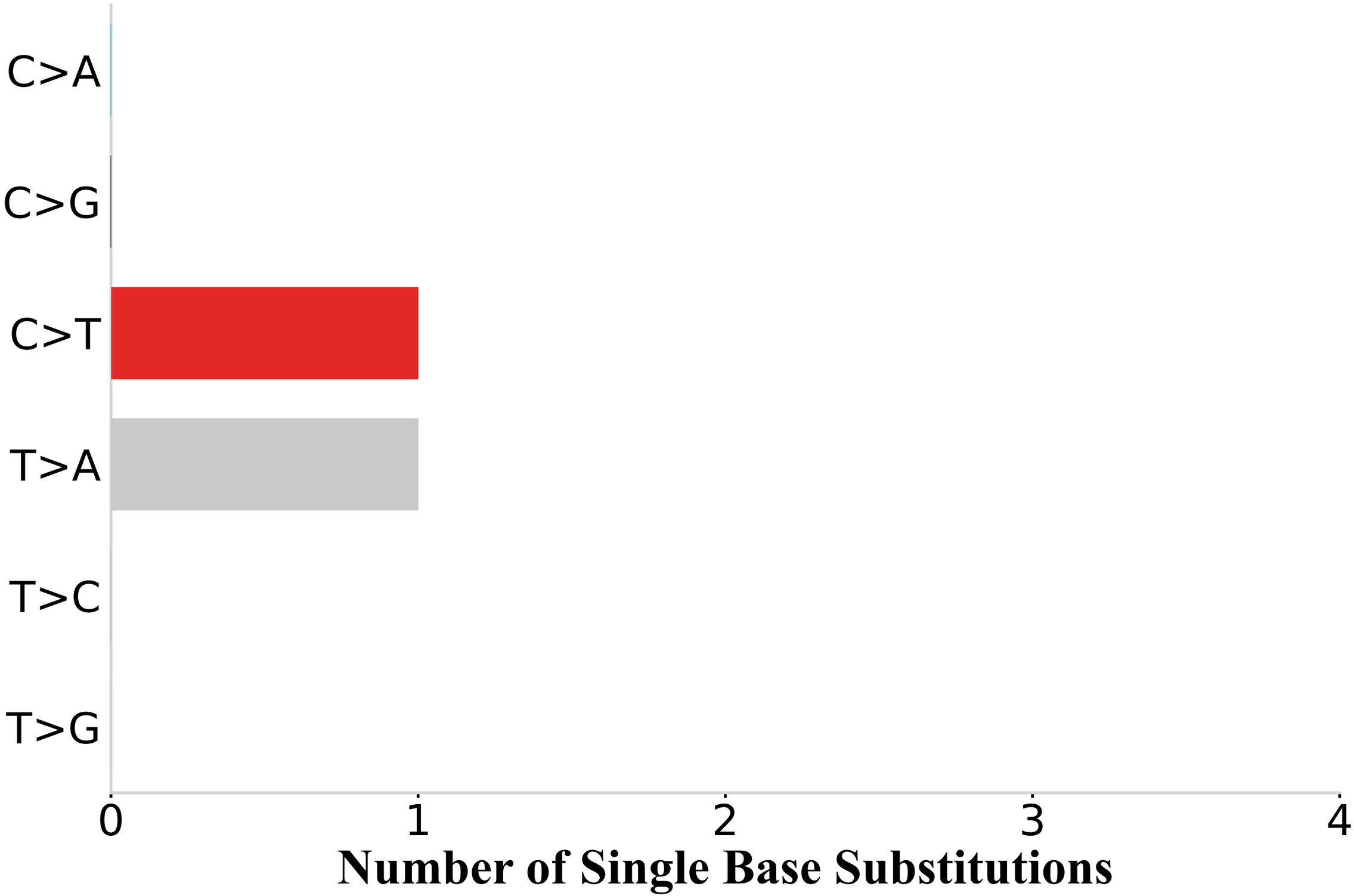
P-0014624-T02-IM6: 2 subs



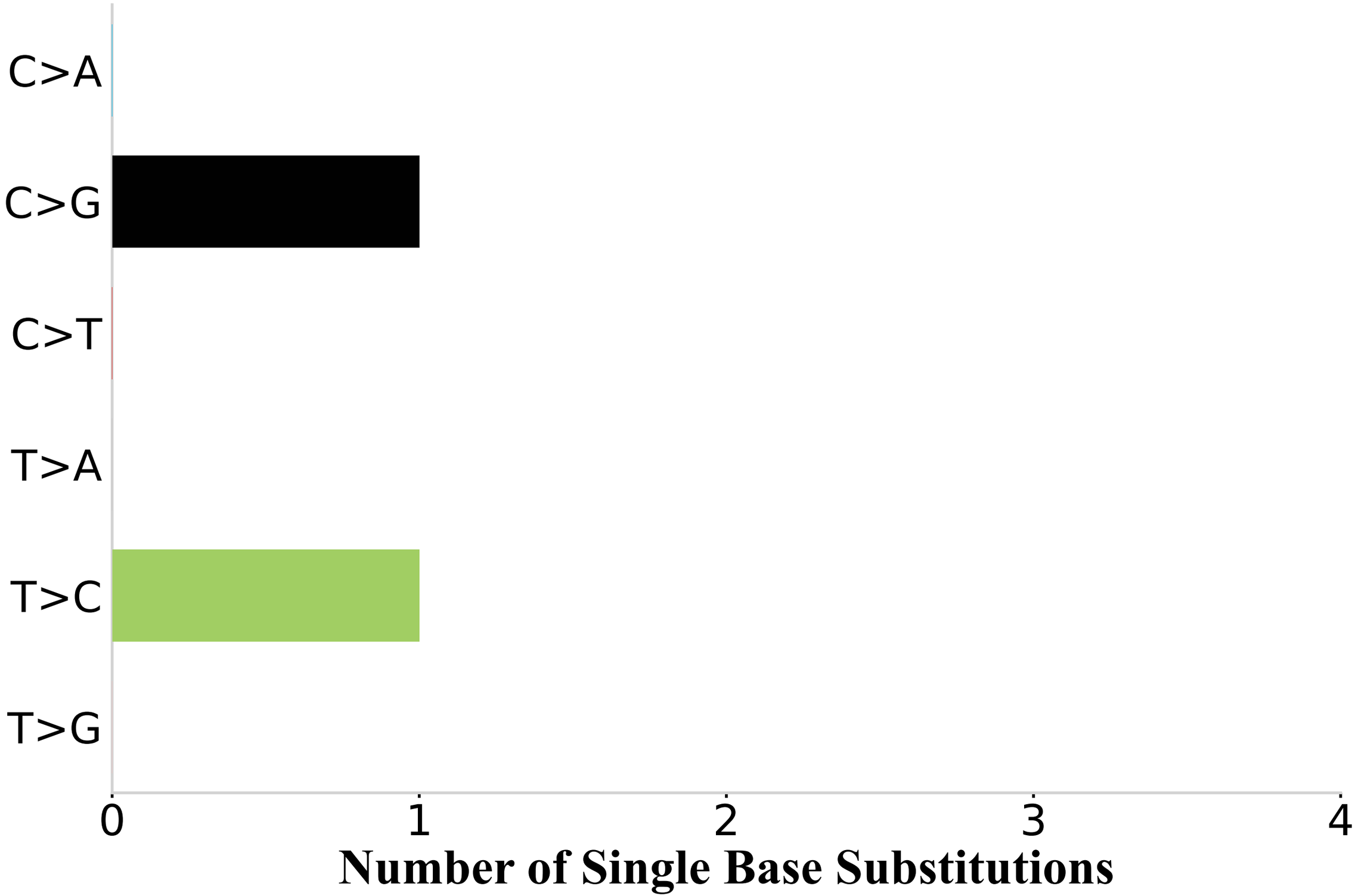
P-0014626-T01-IM6: 4 subs

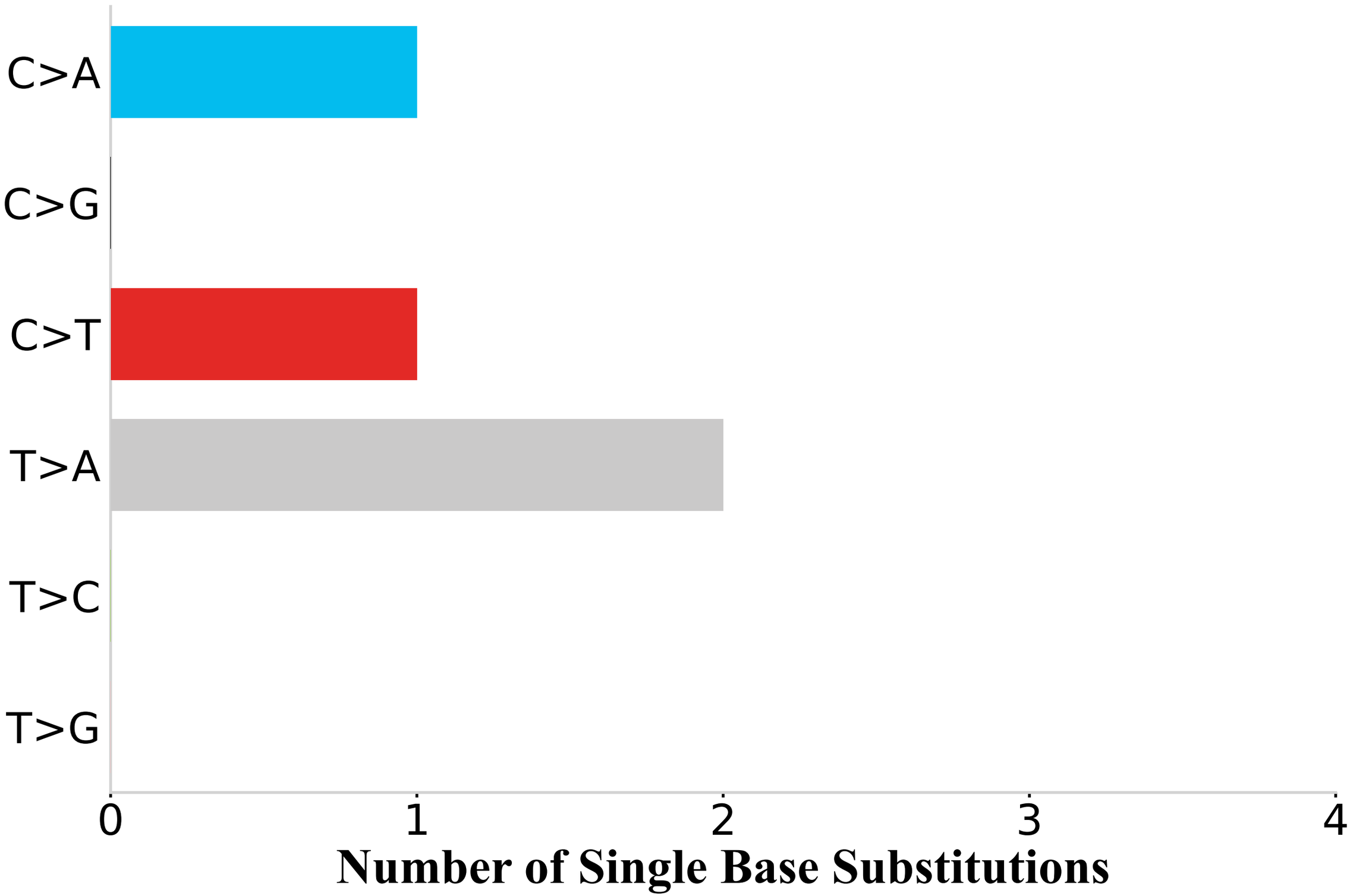


P-0014634-T01-IM6: 2 subs



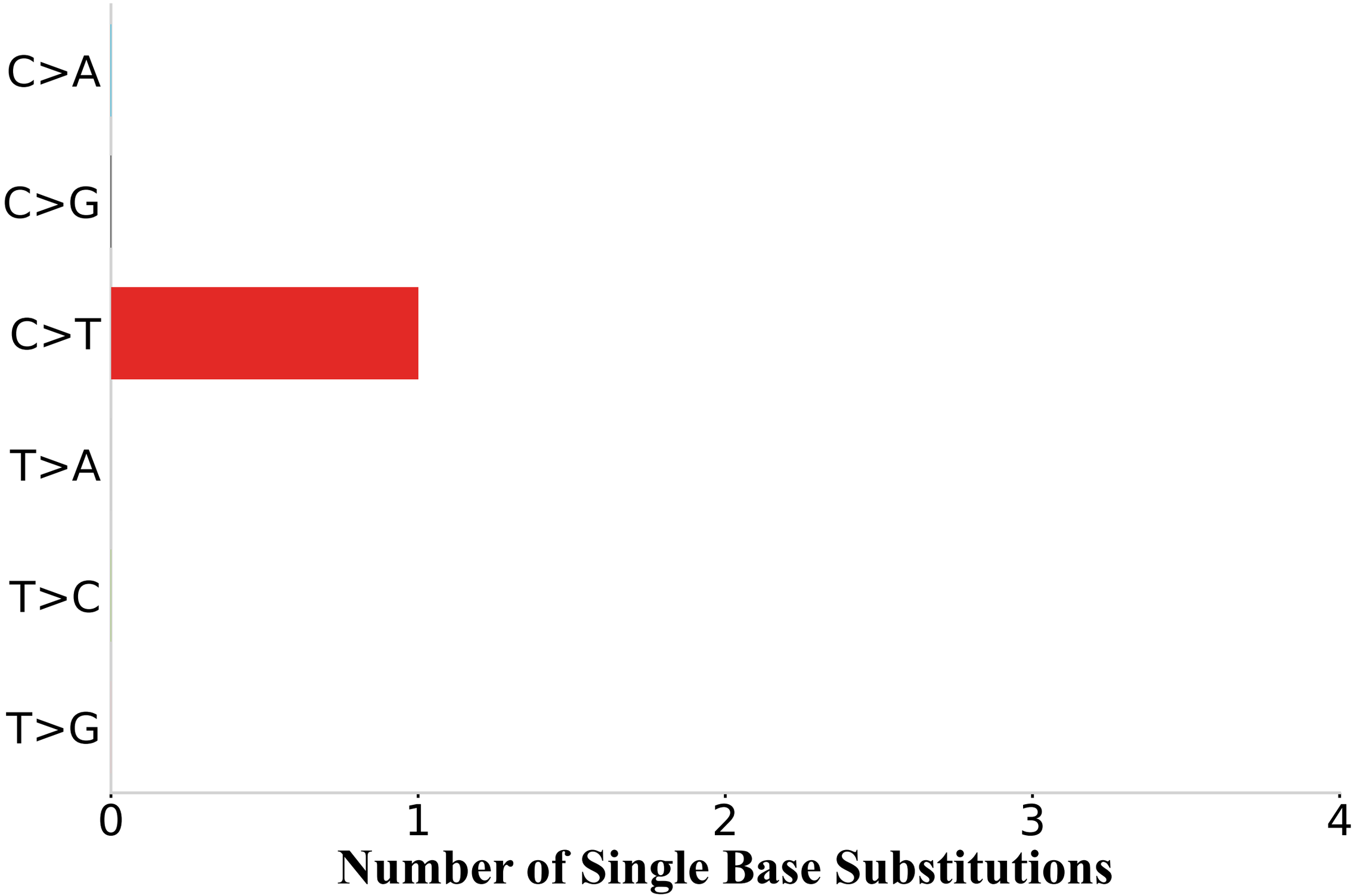
P-0014637-T01-IM6: 2 subs



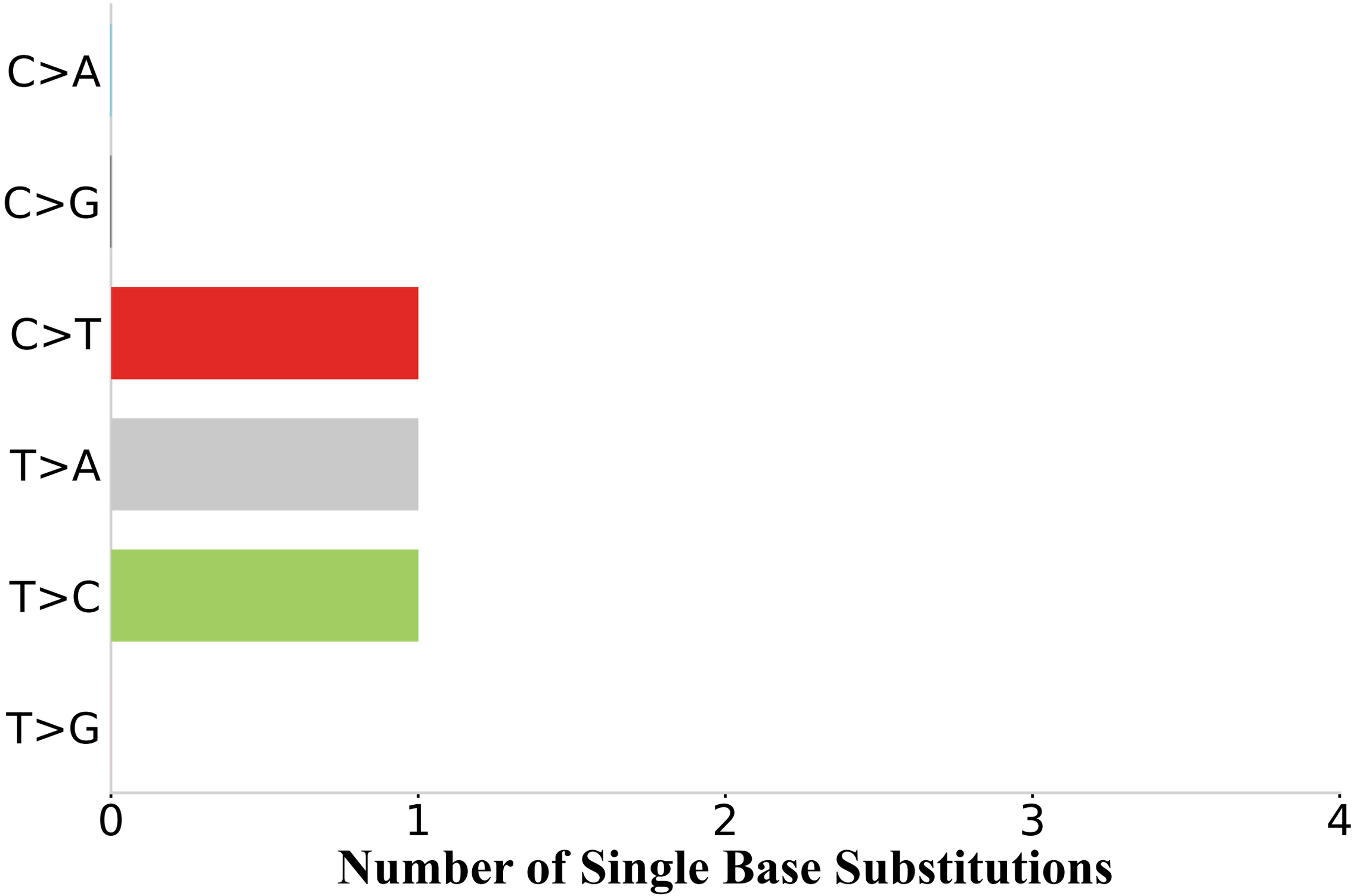

P-0014654-T01-IM6: 4 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

P-0014711-T01-IM6: 3 subs

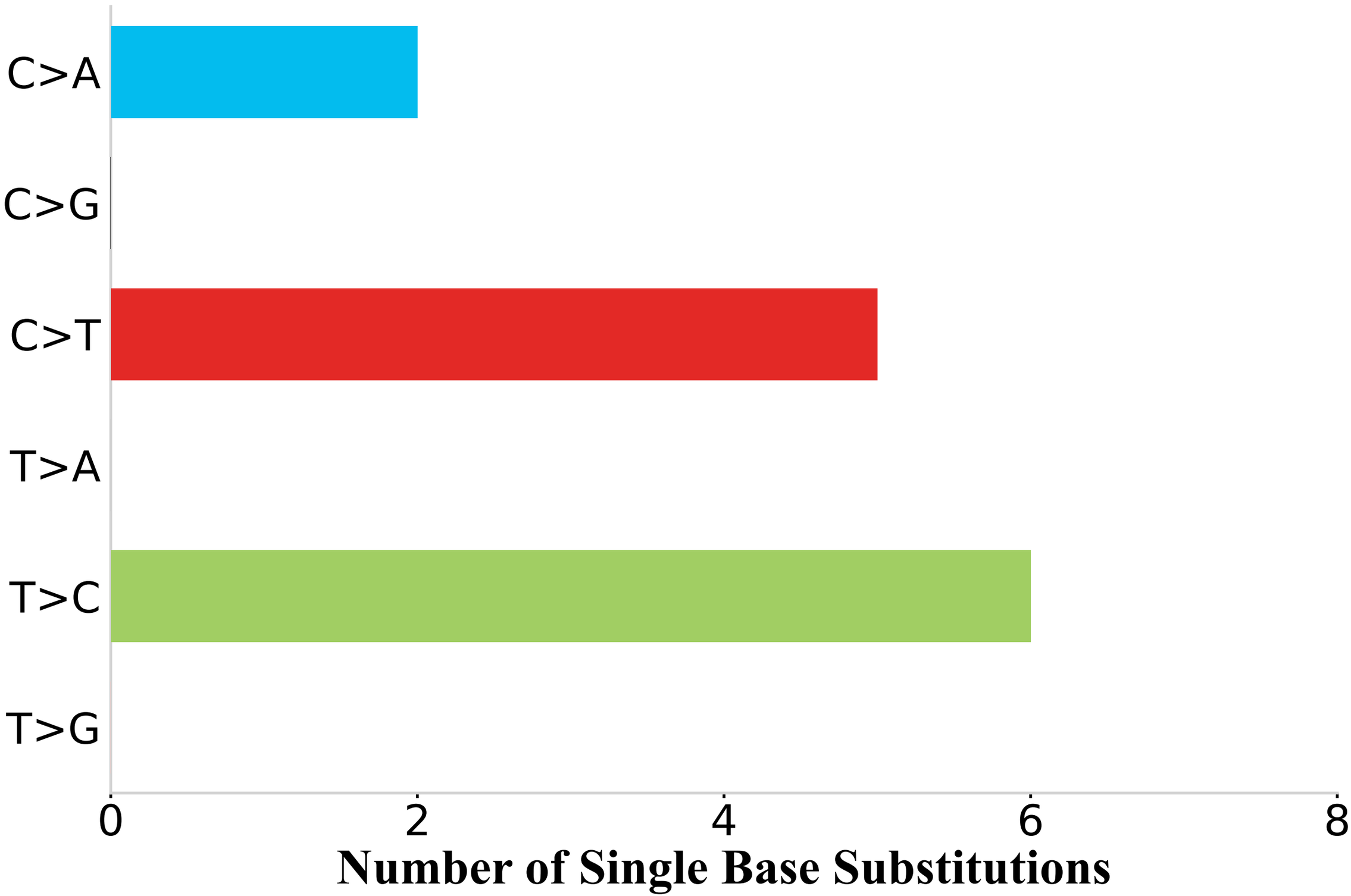
P-0014757-T01-IM6: 1 subs

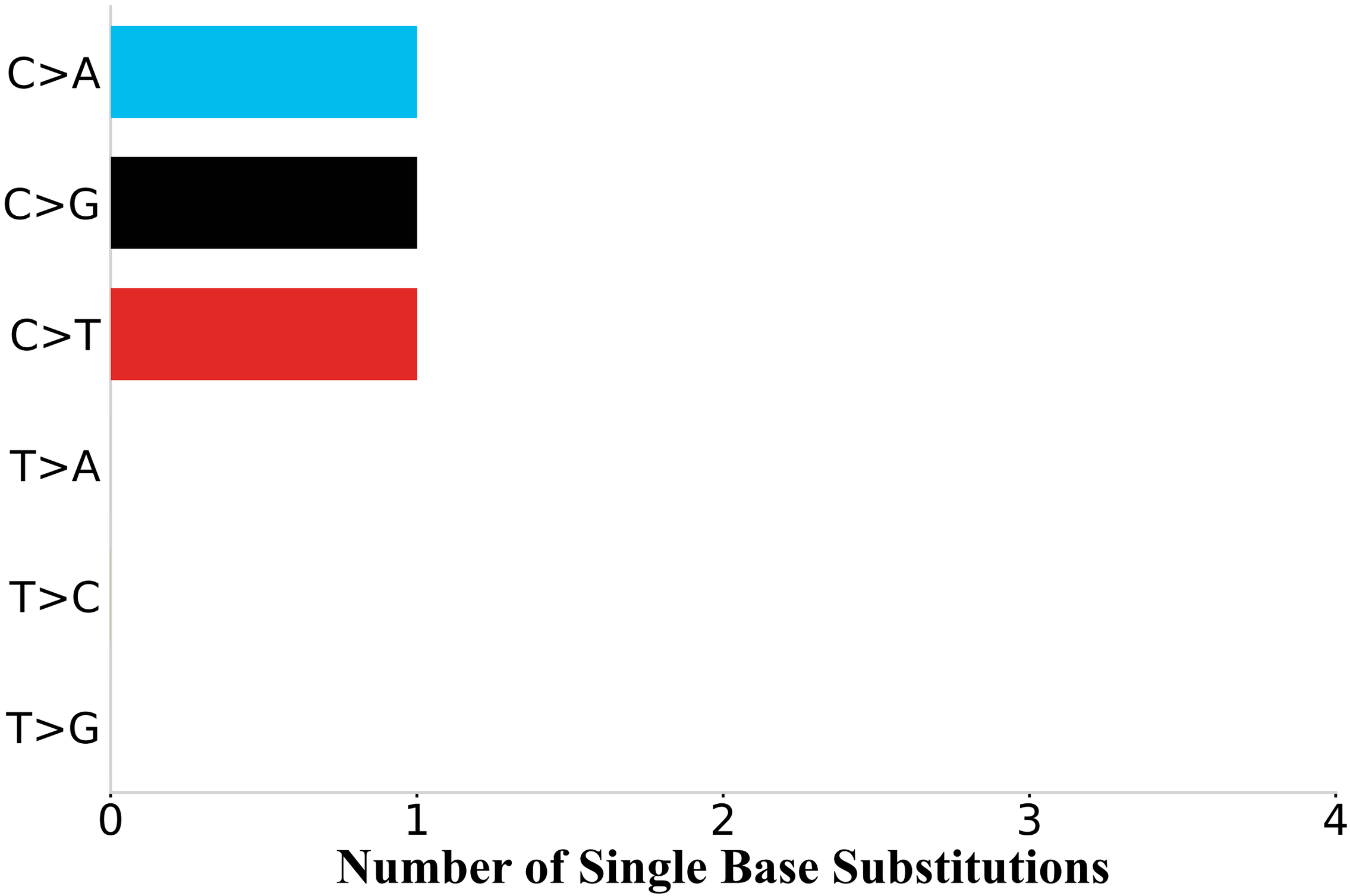


P-0014820-T01-IM6: 3 subs

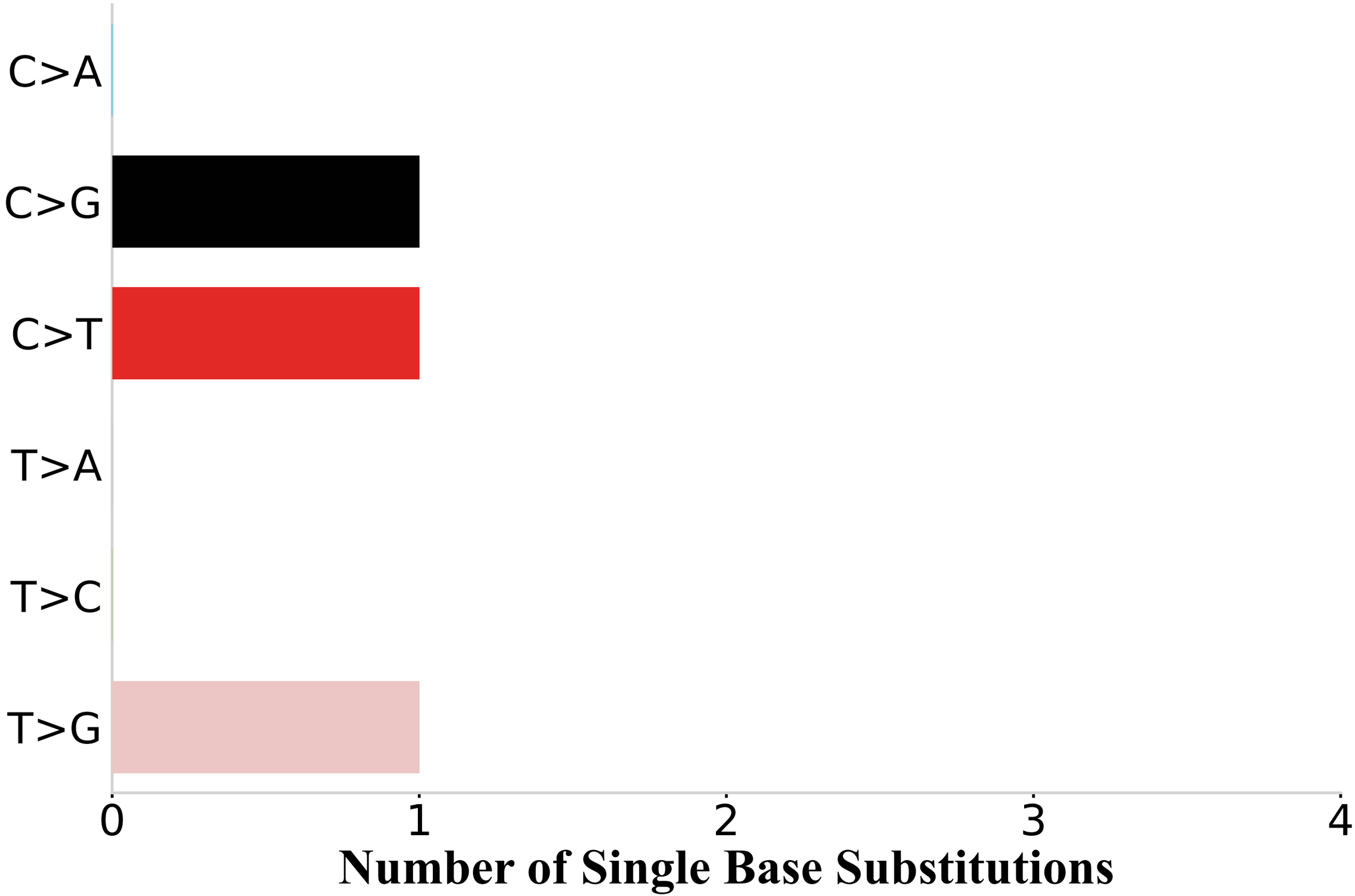


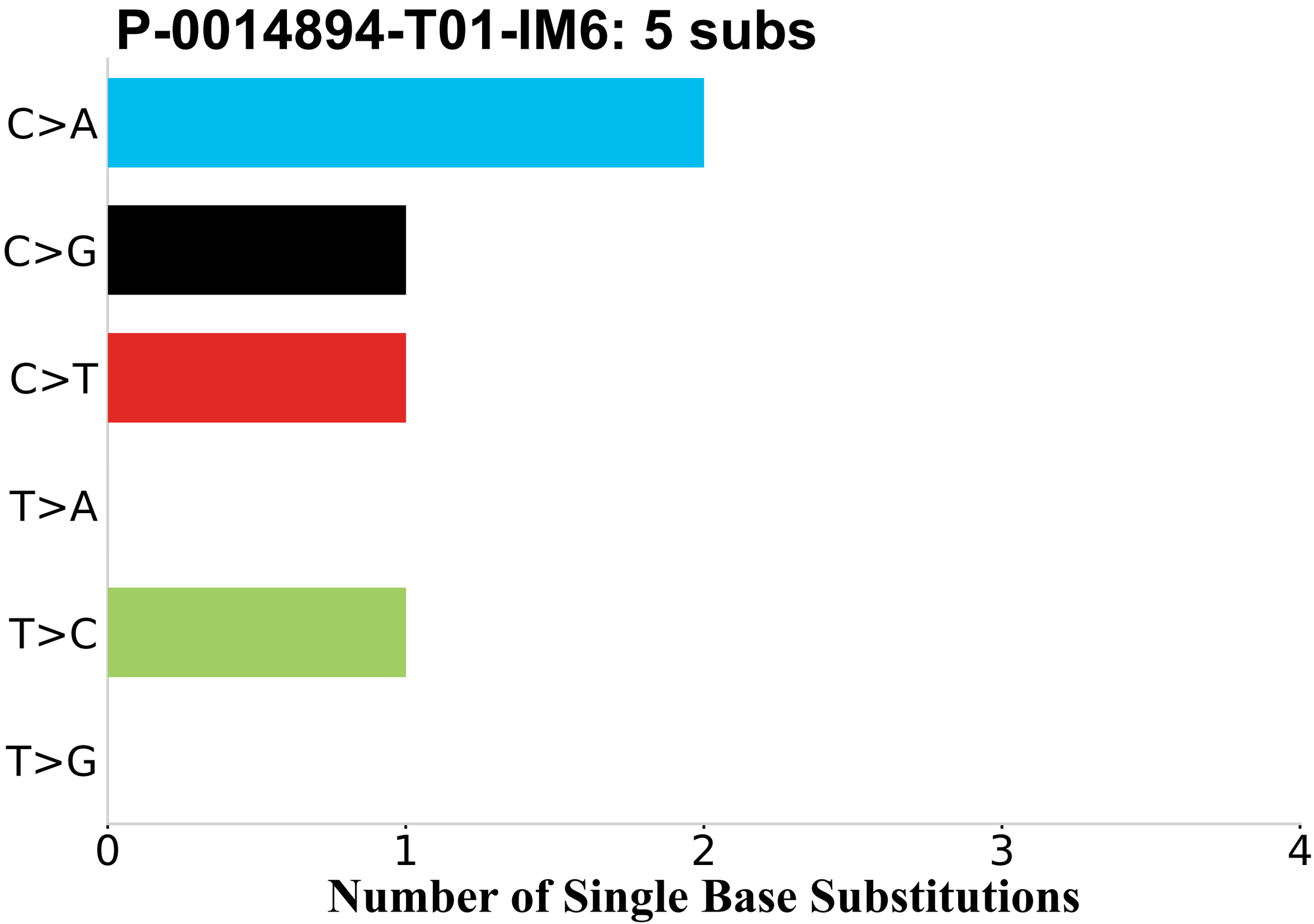
P-0014828-T01-IM6: 13 subs



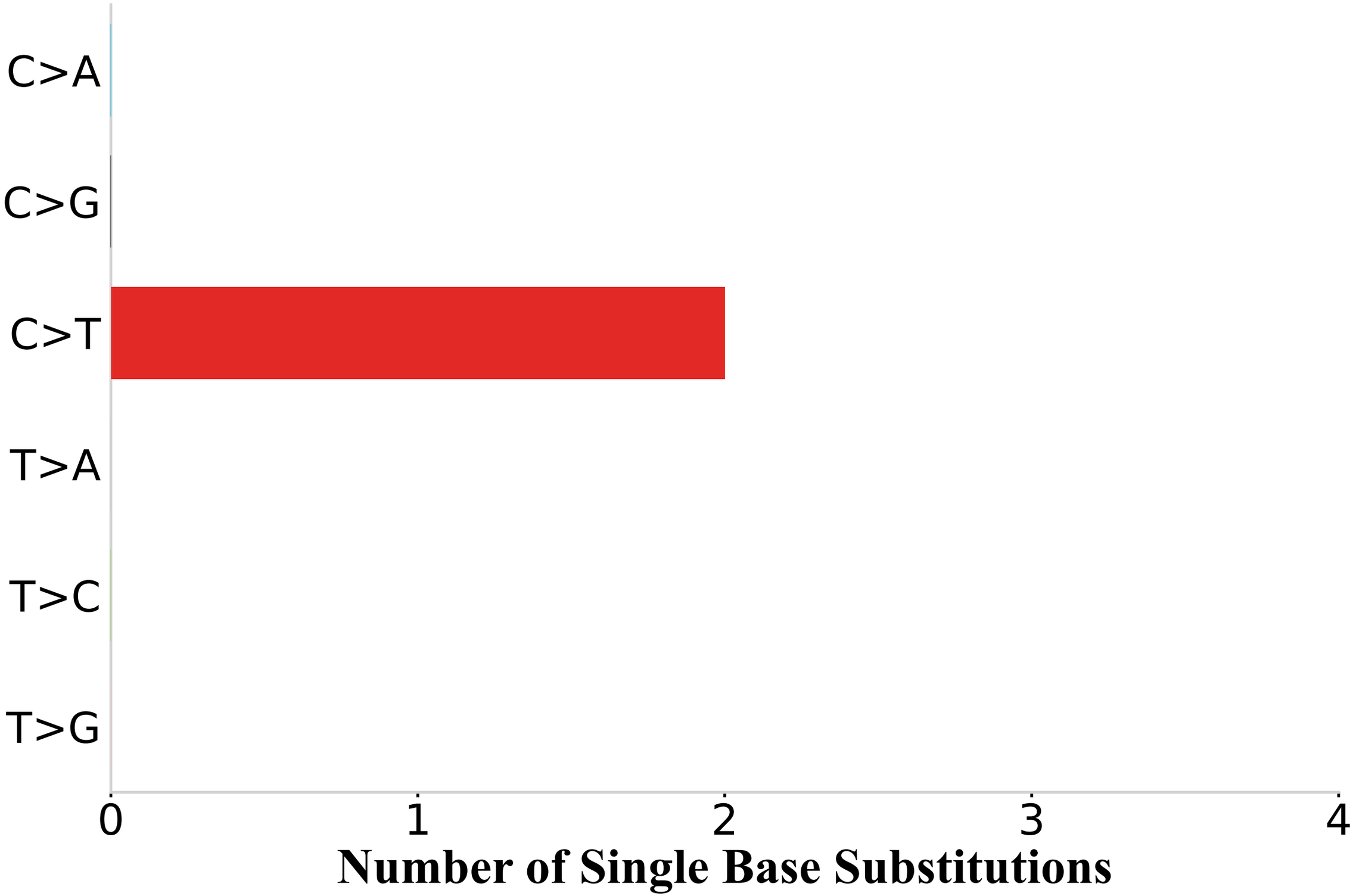

P-0014847-T01-IM6: 3 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

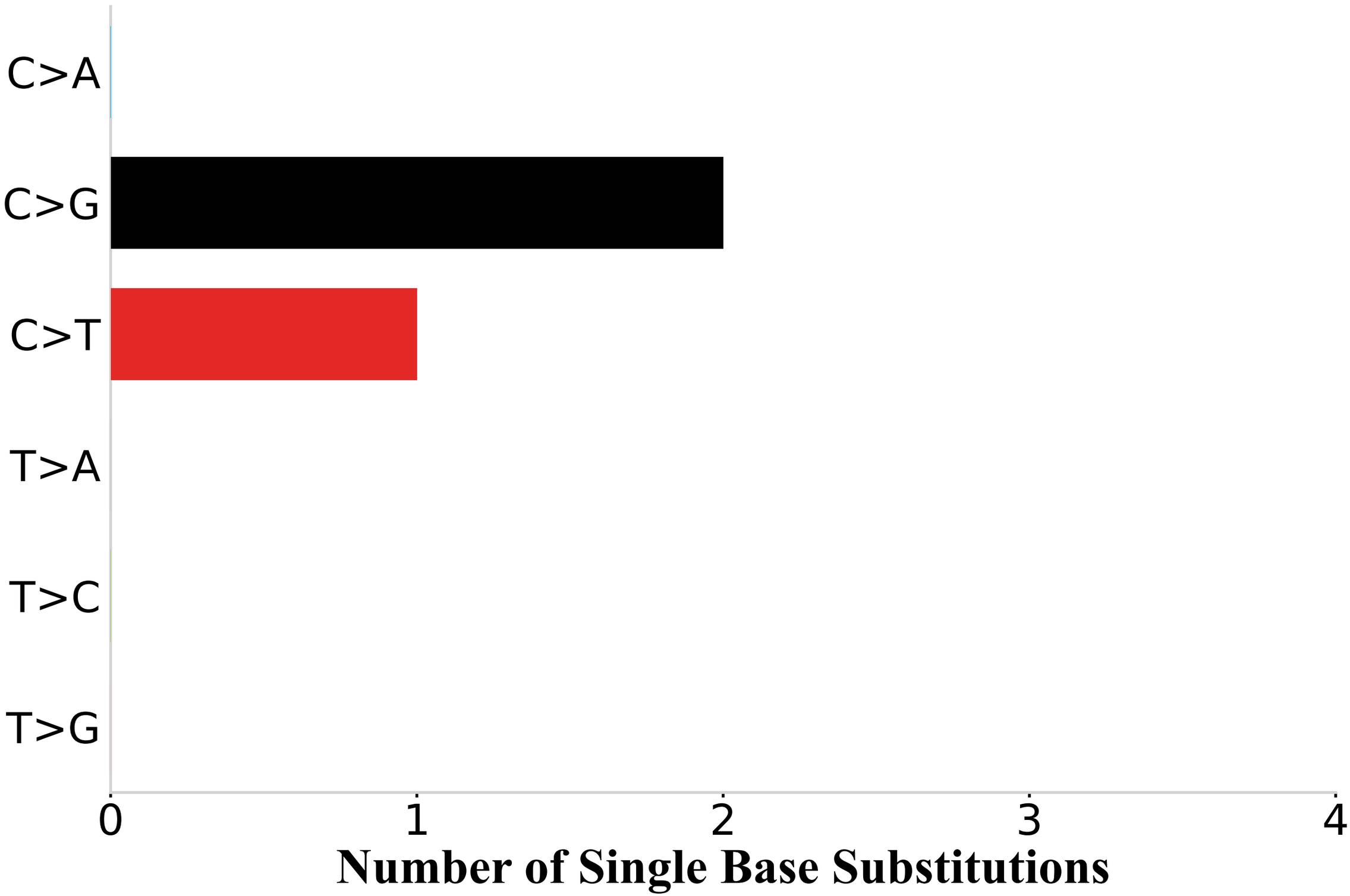
P-0014879-T01-IM6: 3 subs




P-0014894-T01-IM6: 5 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

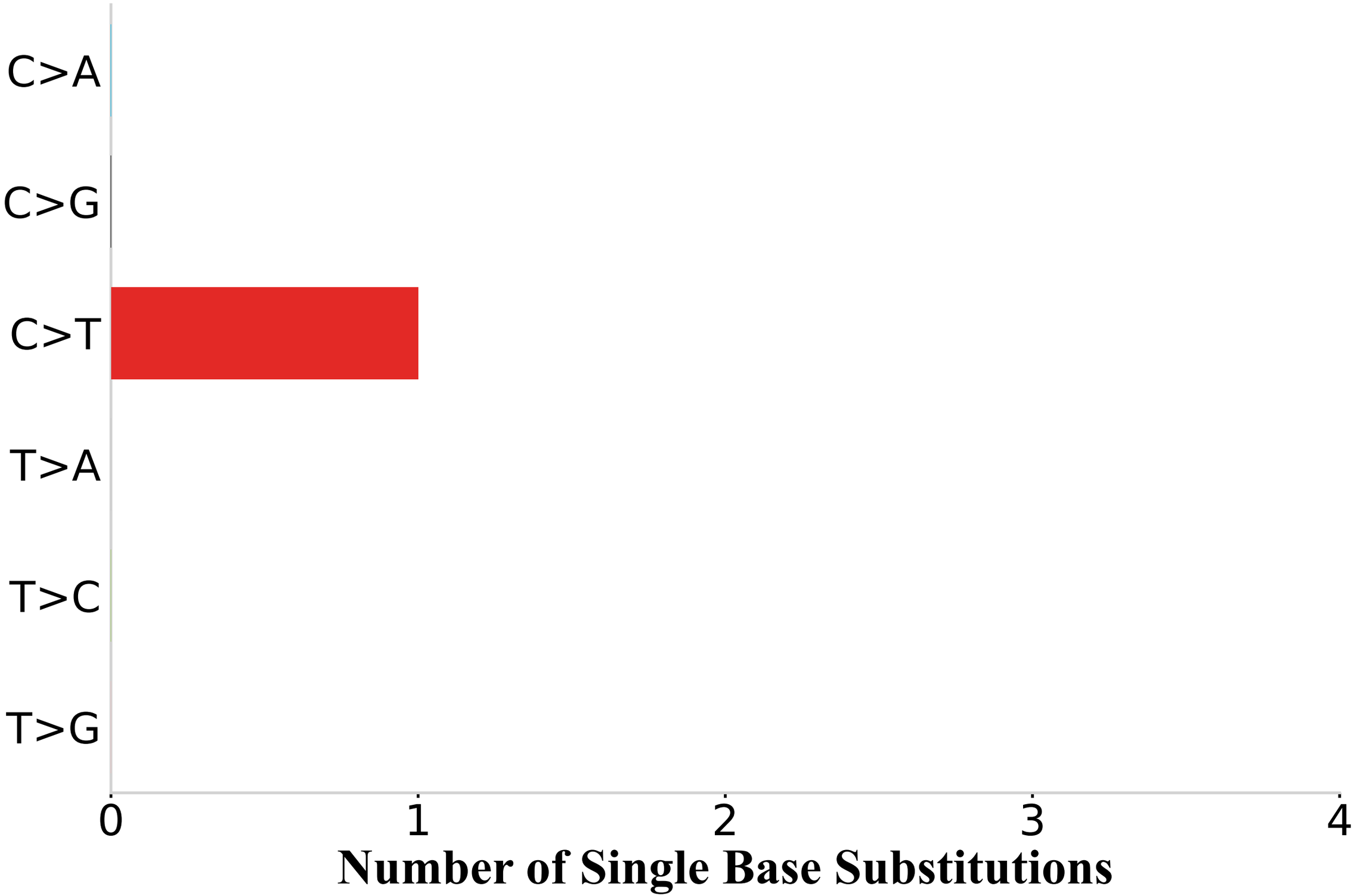
P-0015033-T01-IM6: 2 subs

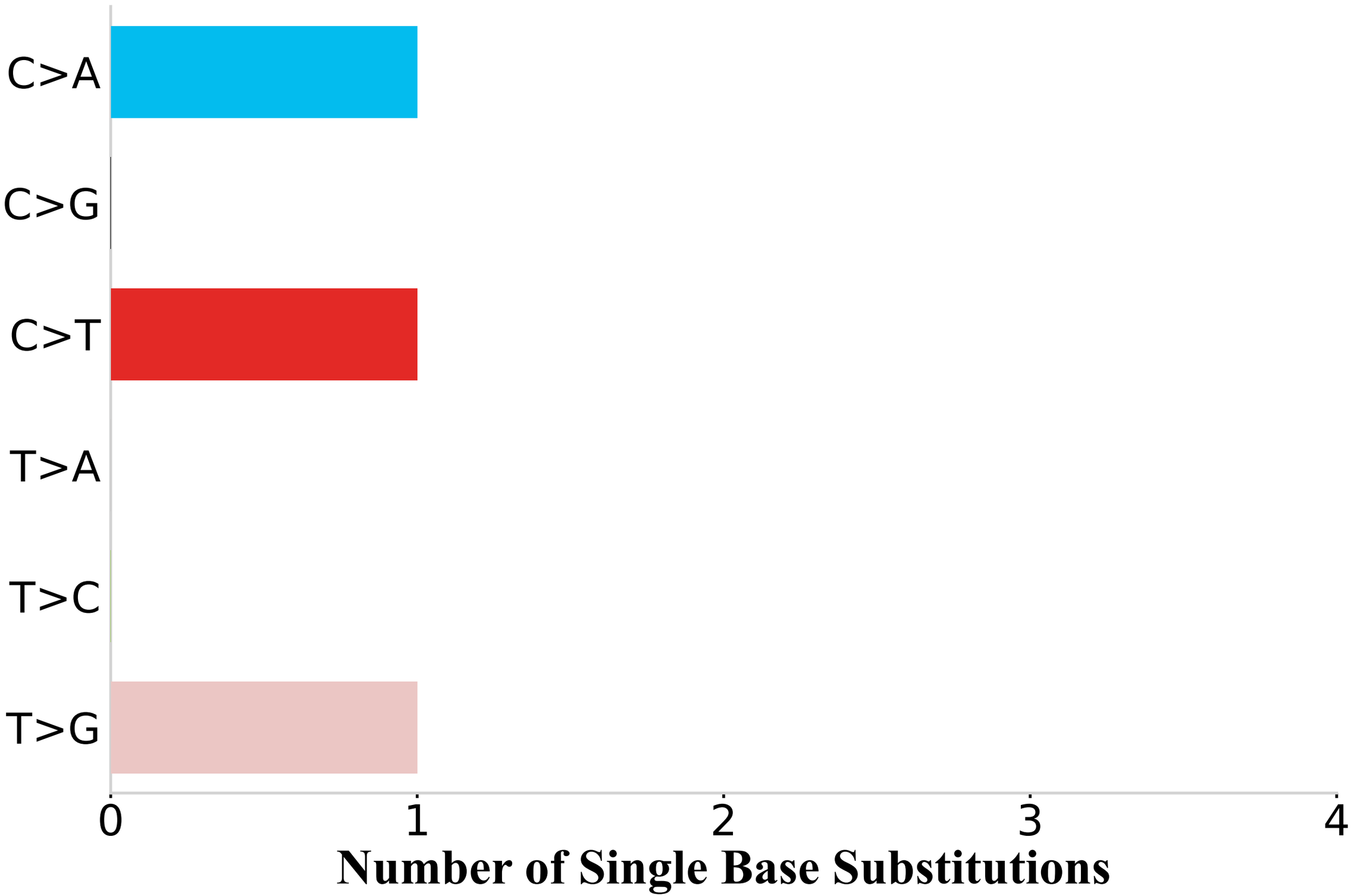



P-0015148-T01-IM6: 3 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

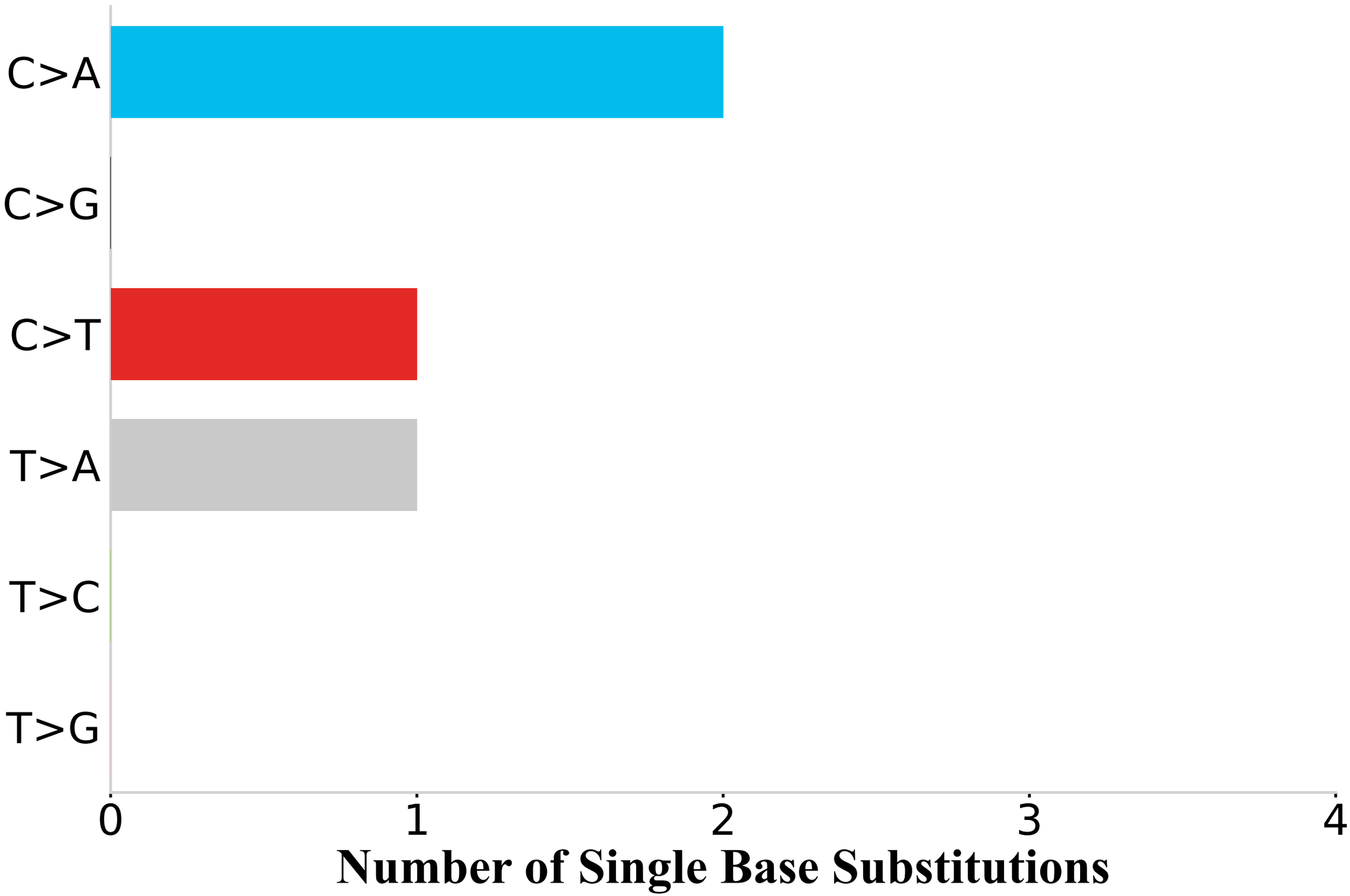
P-0015204-T01-IM6: 5 subs

P-0015245-T01-IM6: 1 subs

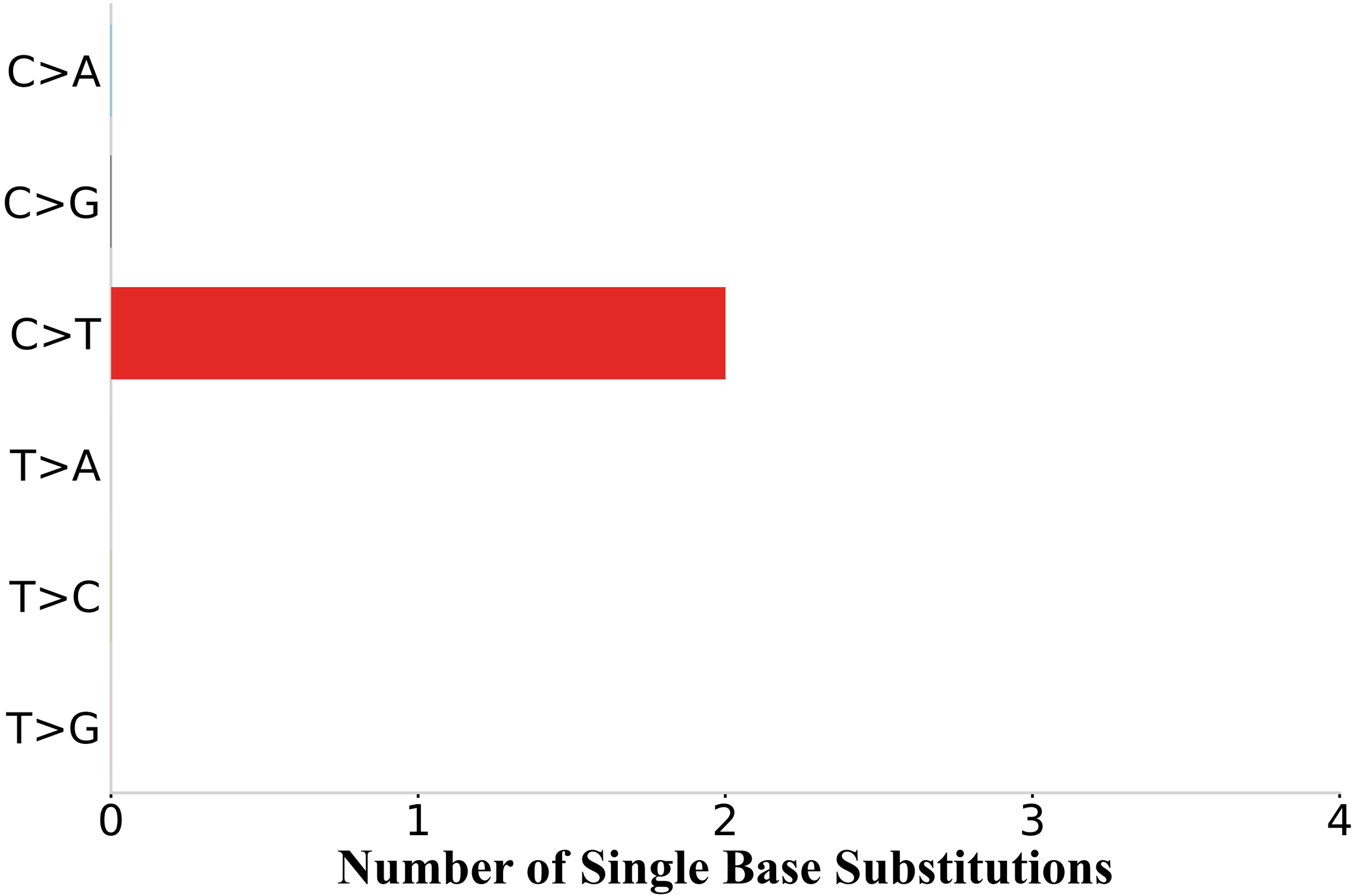


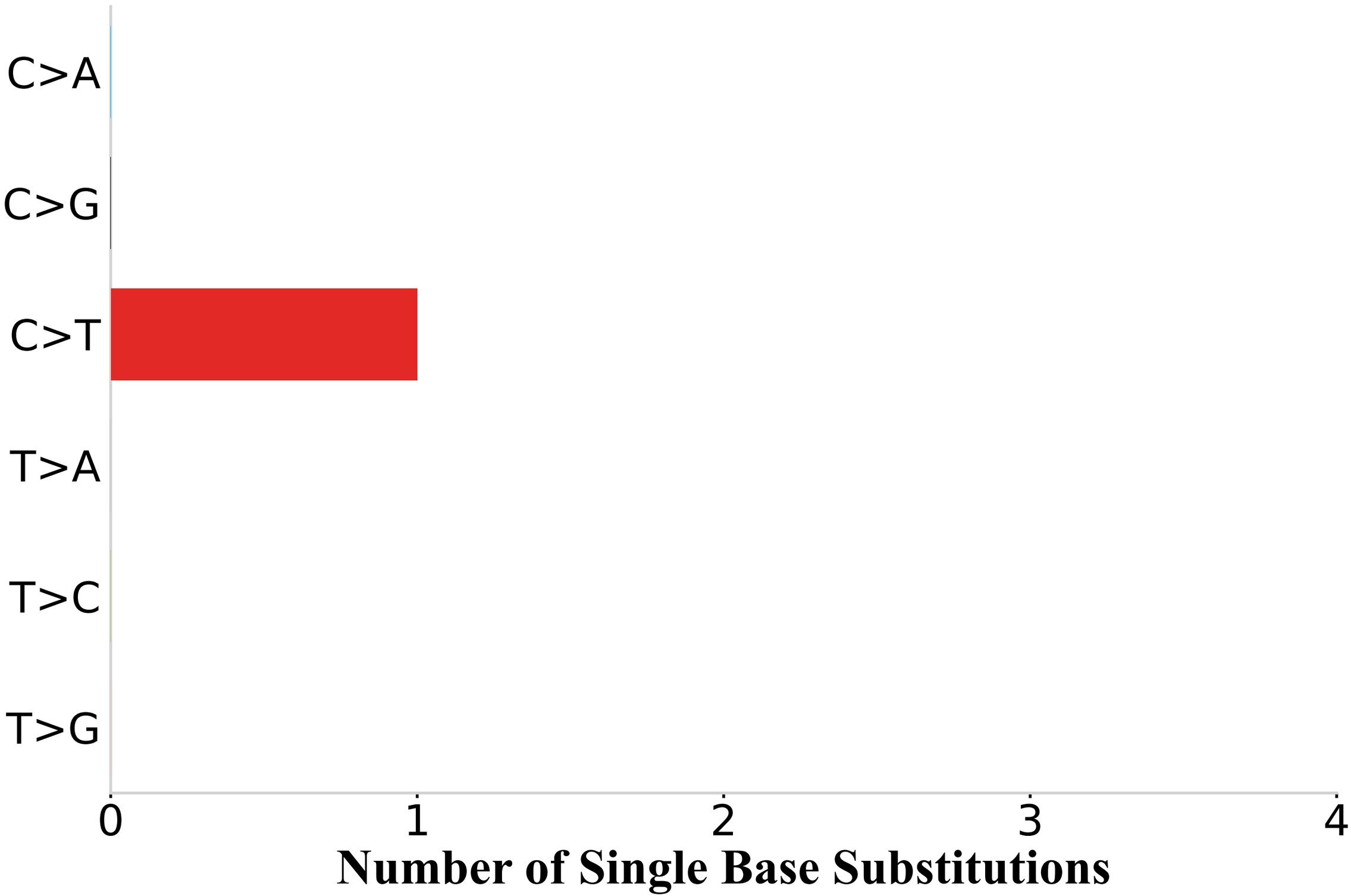

P-0015246-T01-IM6: 3 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

P-0015294-T01-IM6: 4 subs

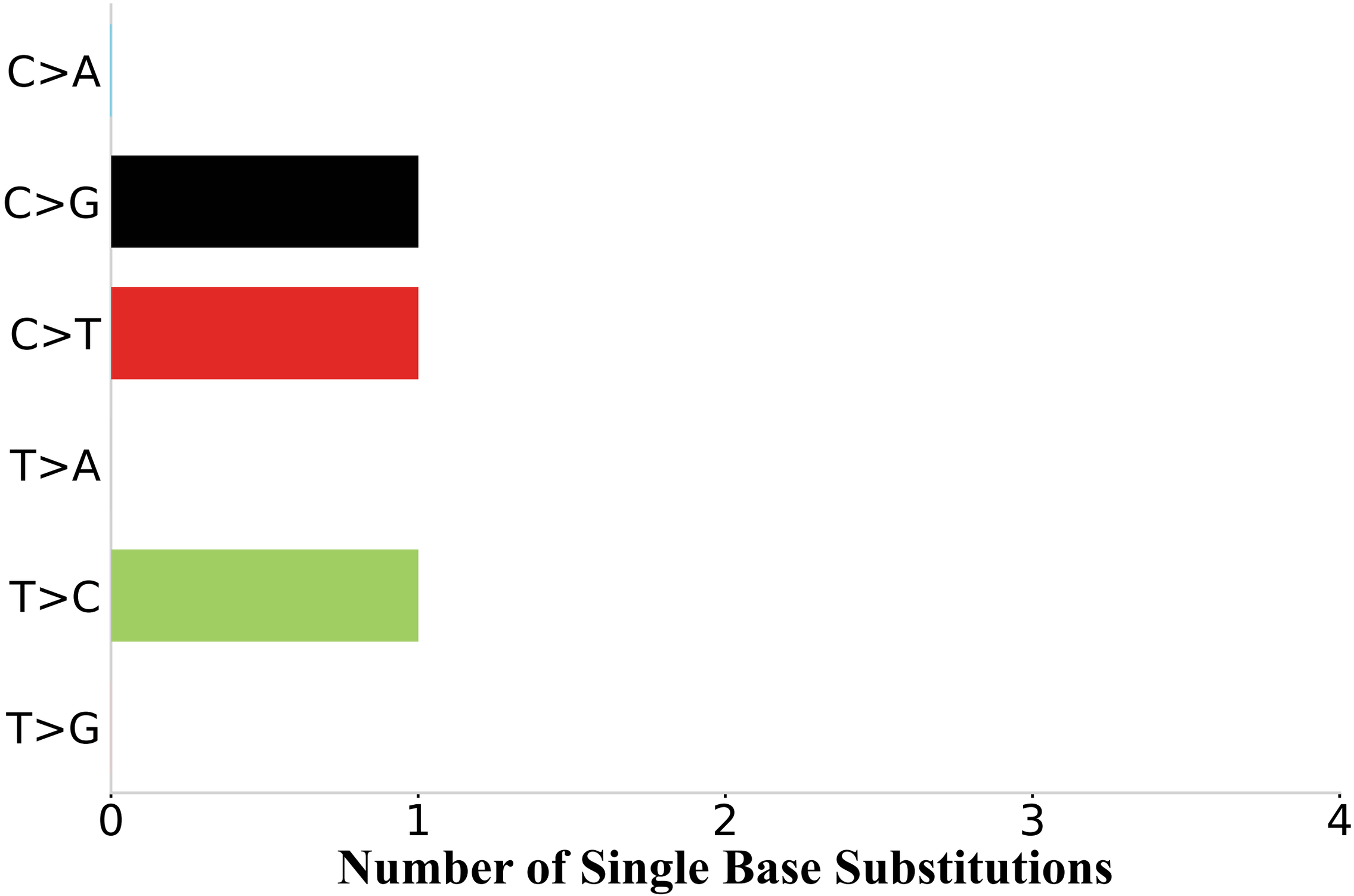


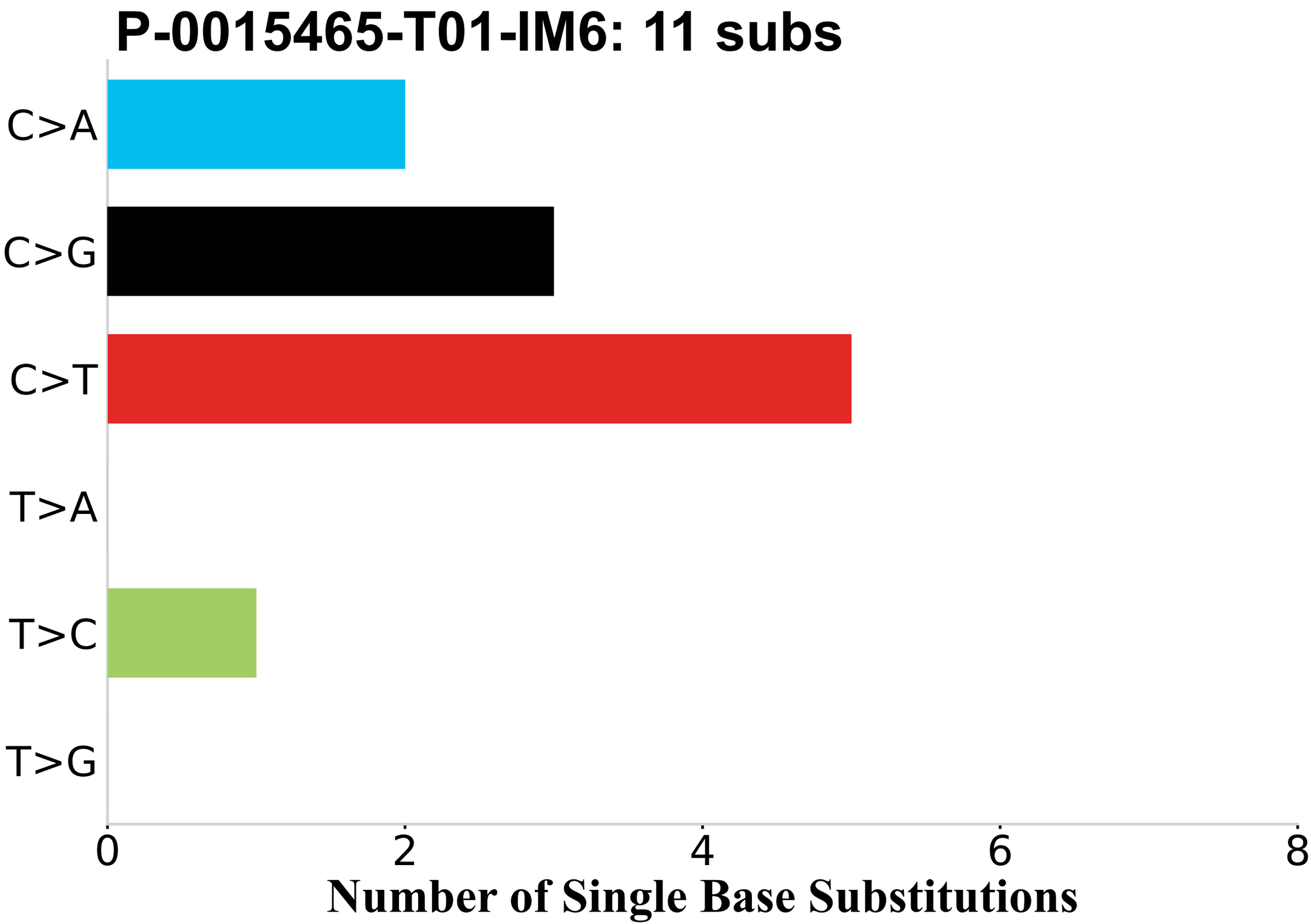
P-0015301-T01-IM6: 2 subs

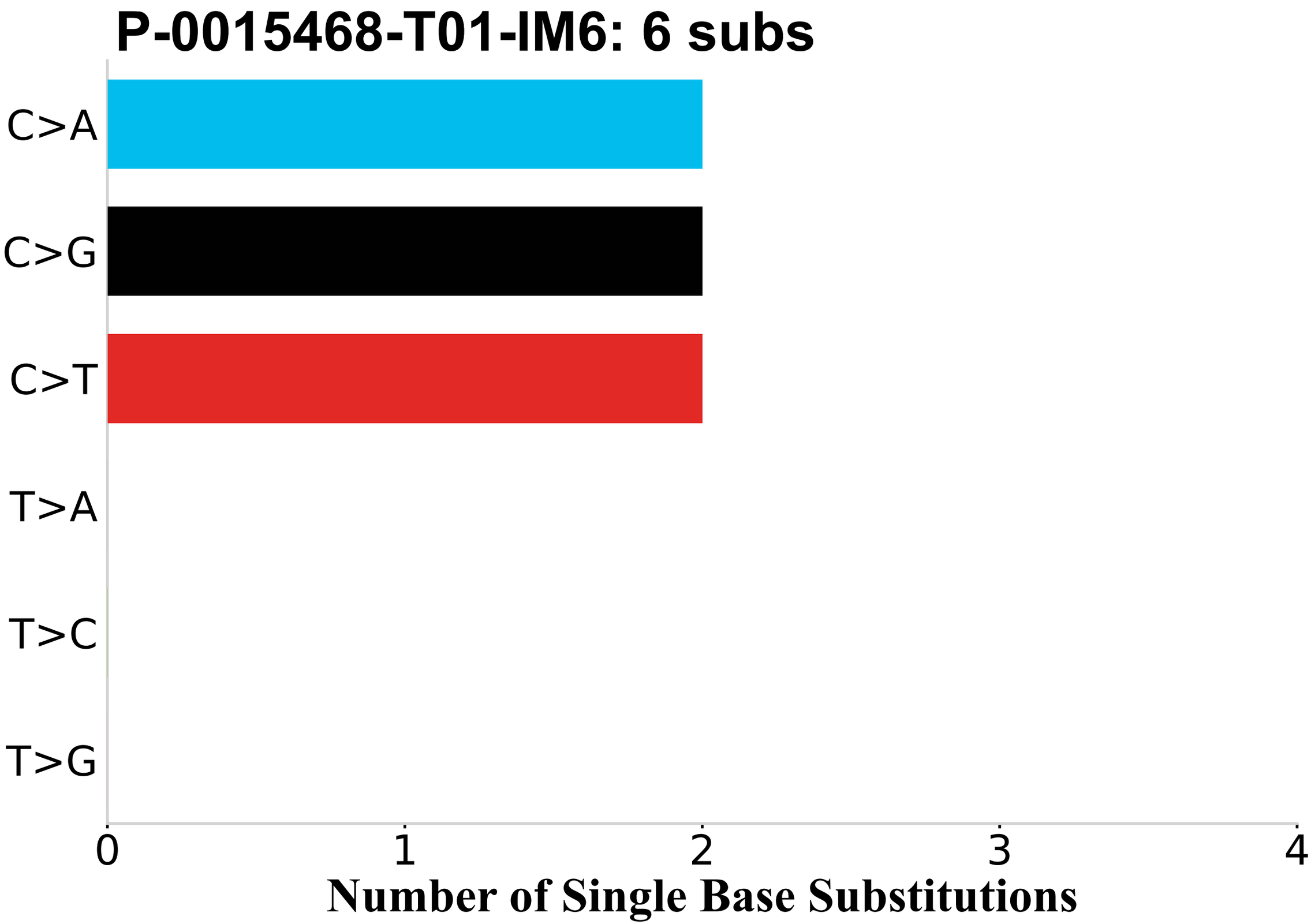



P-0015343-T01-IM6: 1 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

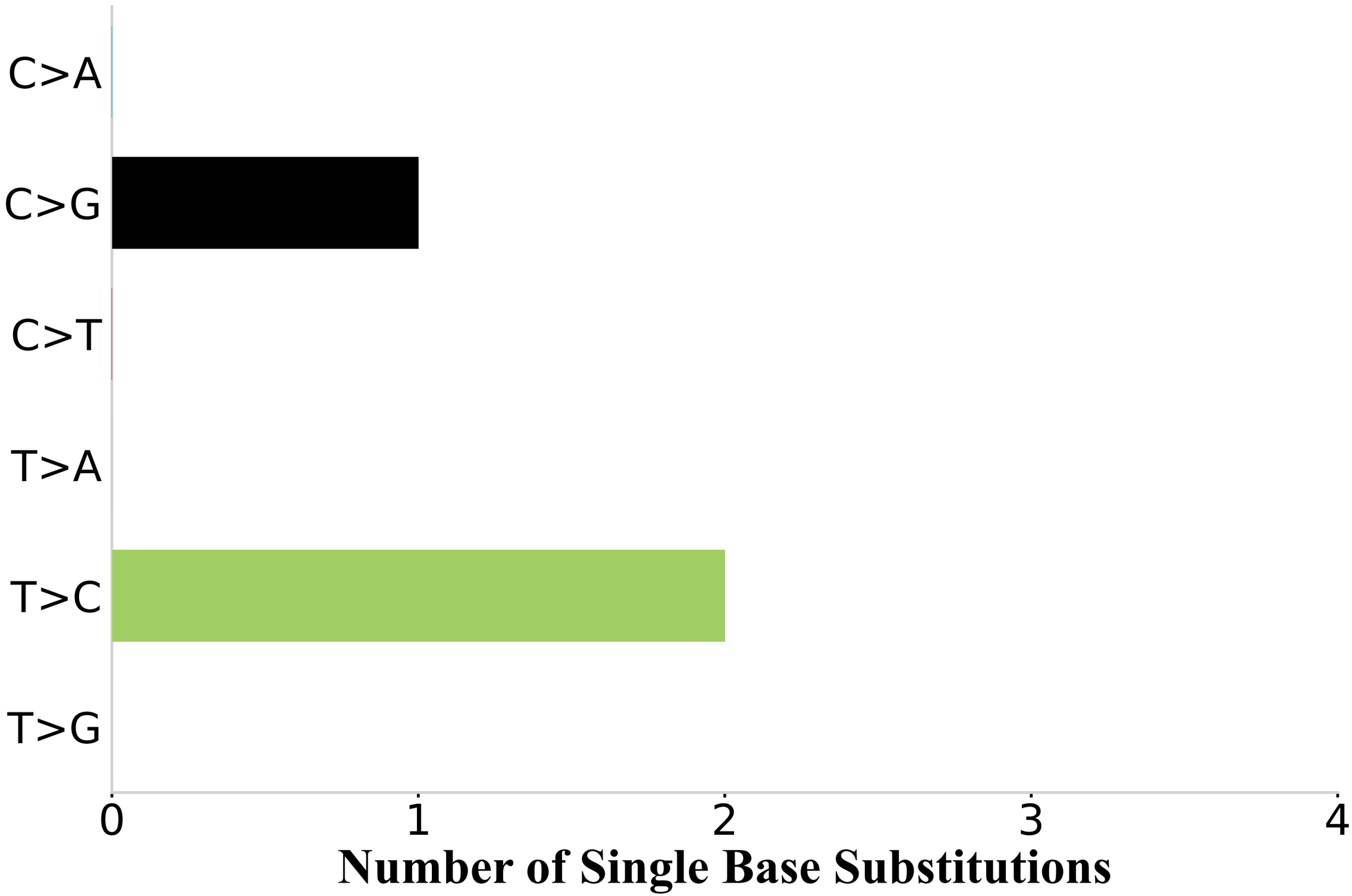
P-0015445-T01-IM6: 3 subs

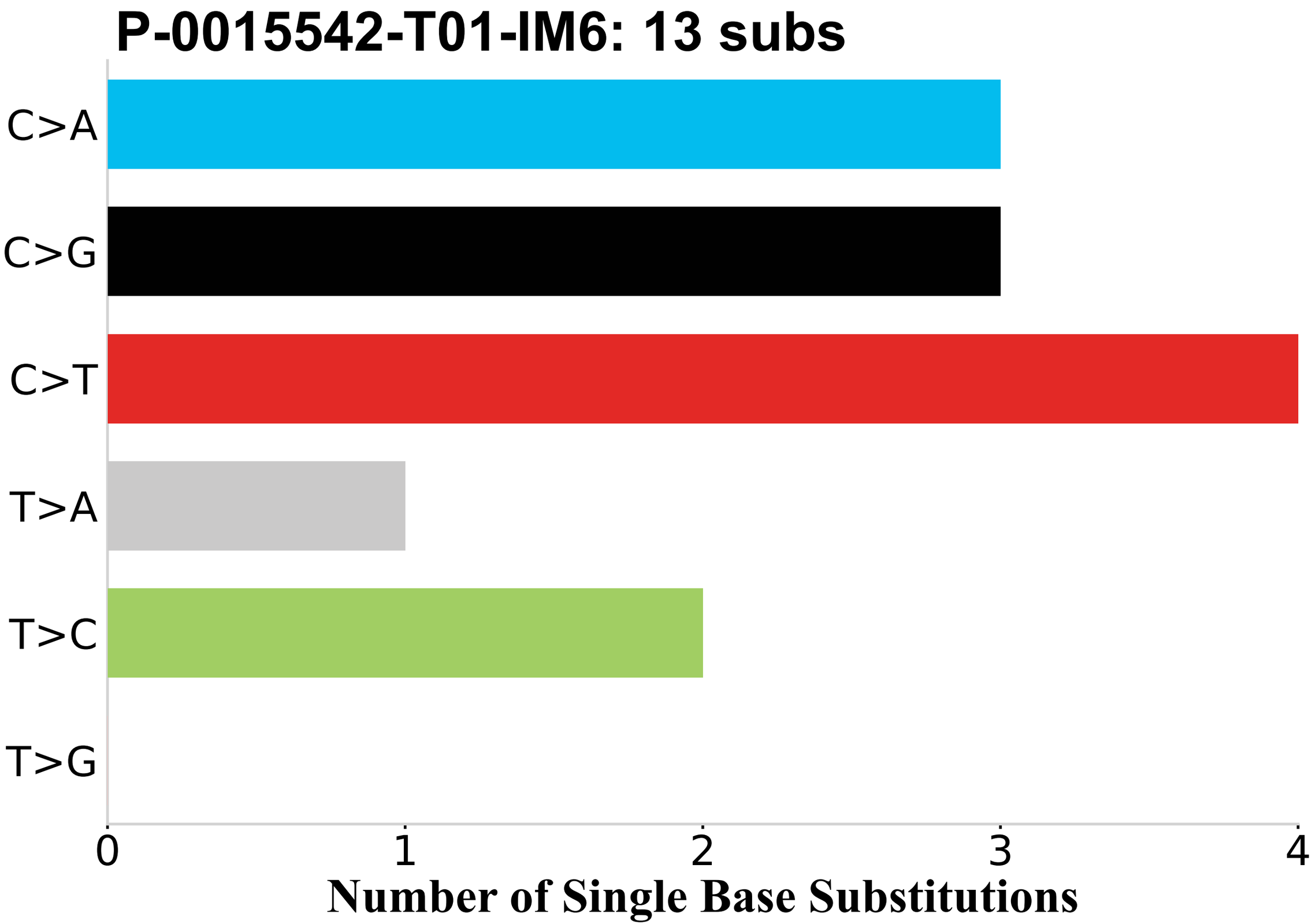



P-0015465-T01-IM6: 11 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
2
4
6
8
Number of Single Base Substitutions

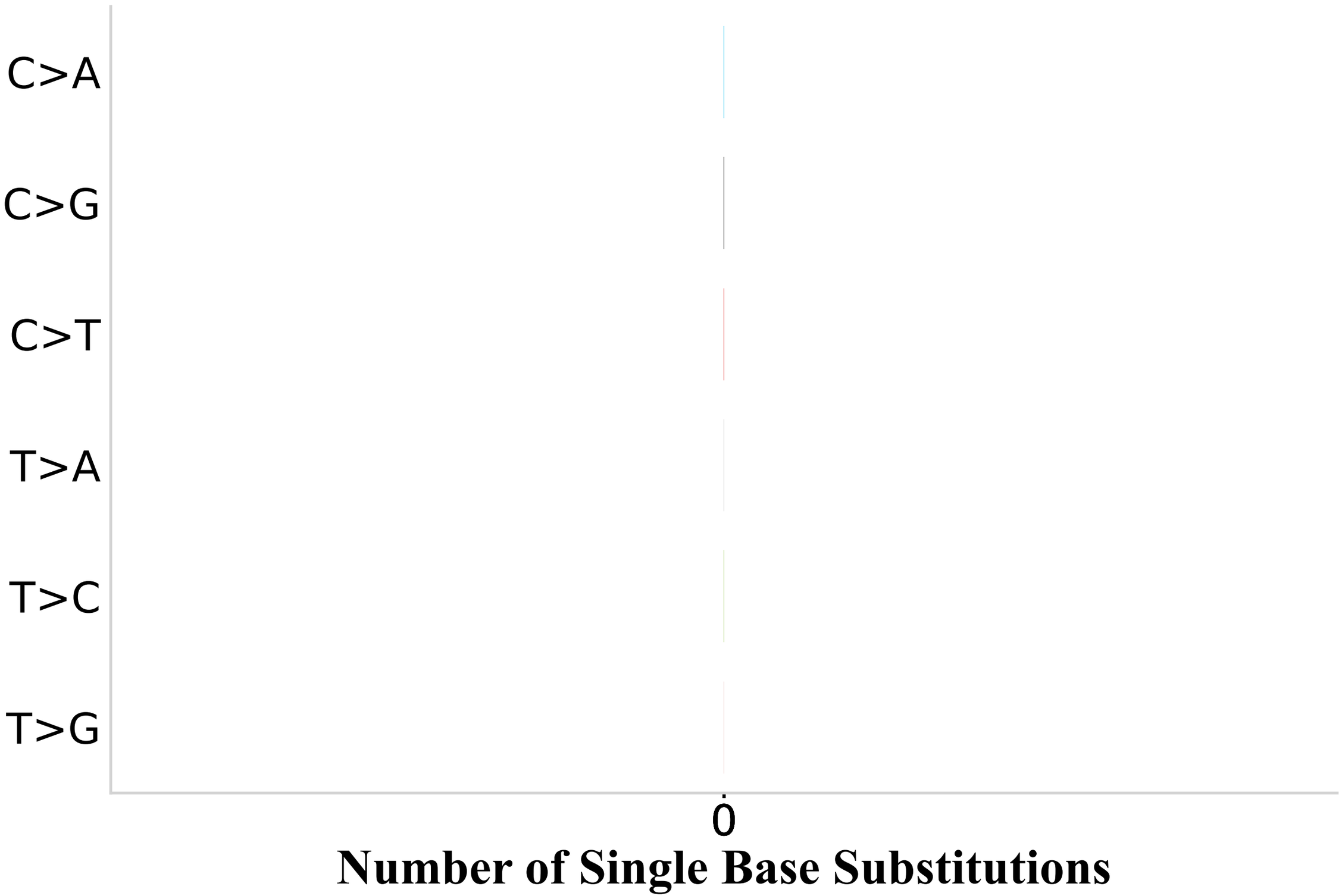

P-0015468-T01-IM6: 6 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

P-0015494-T01-IM6: 3 subs

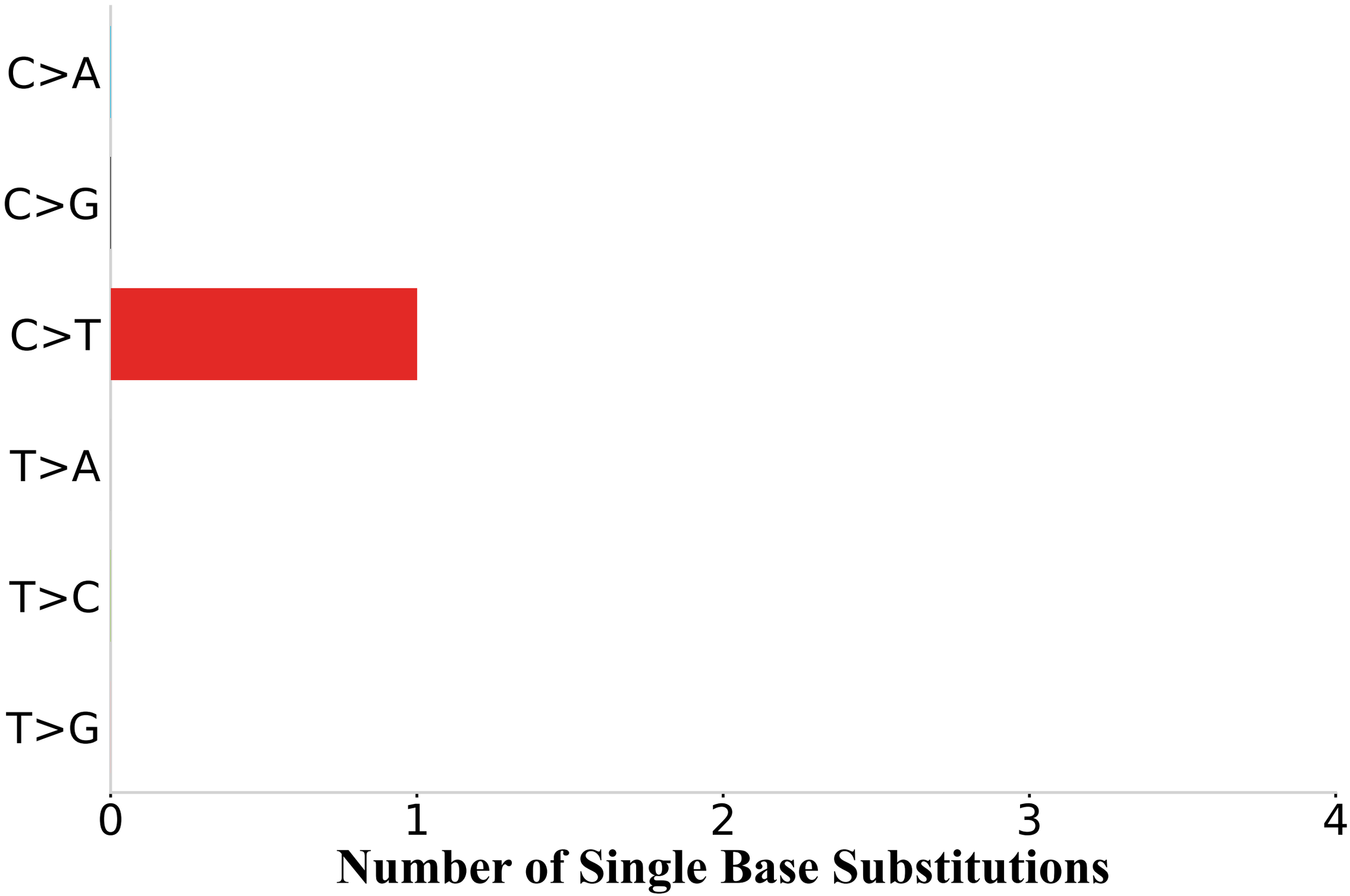


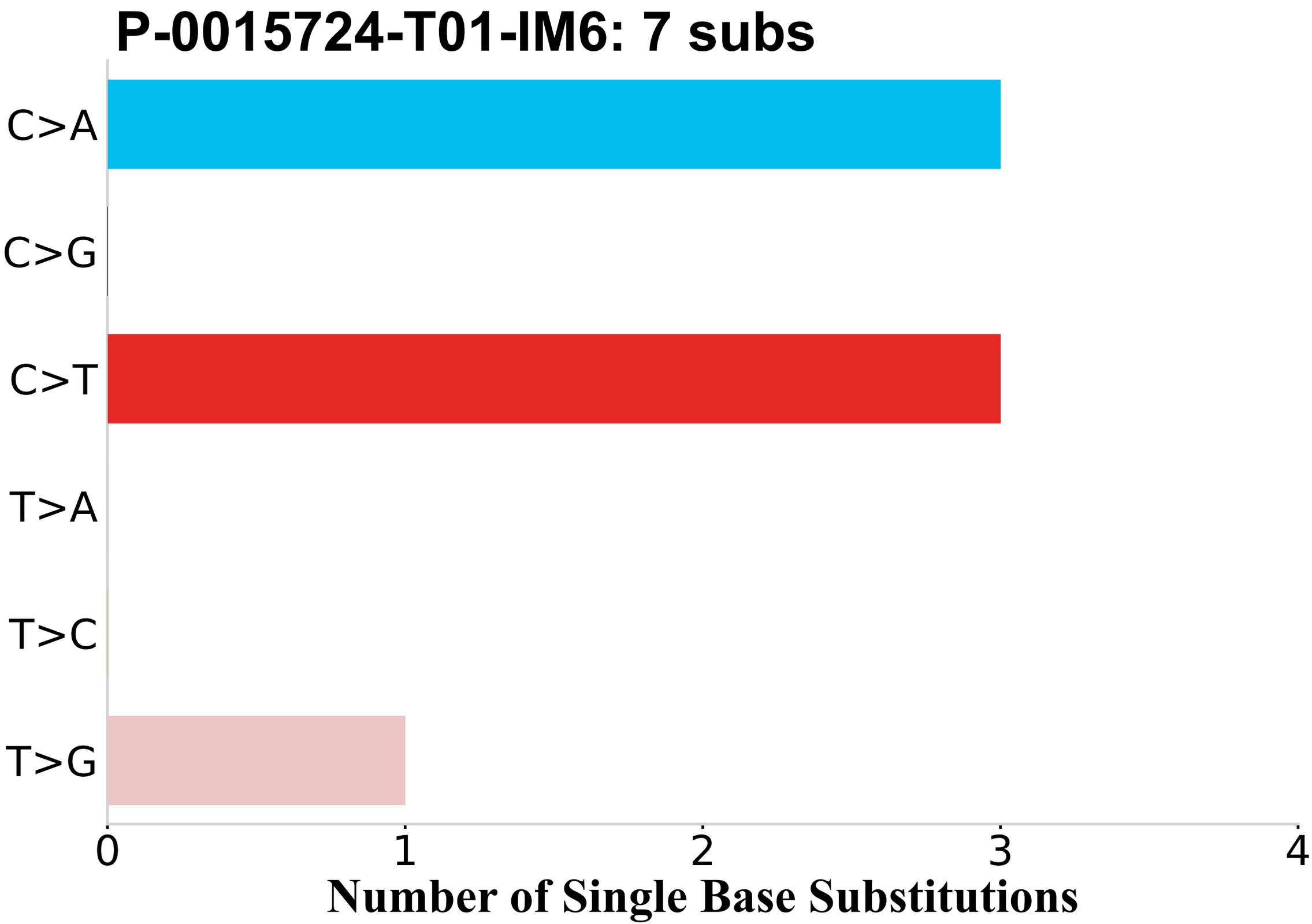

P-0015542-T01-IM6: 13 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

P-0015572-T01-IM6: 0 subs

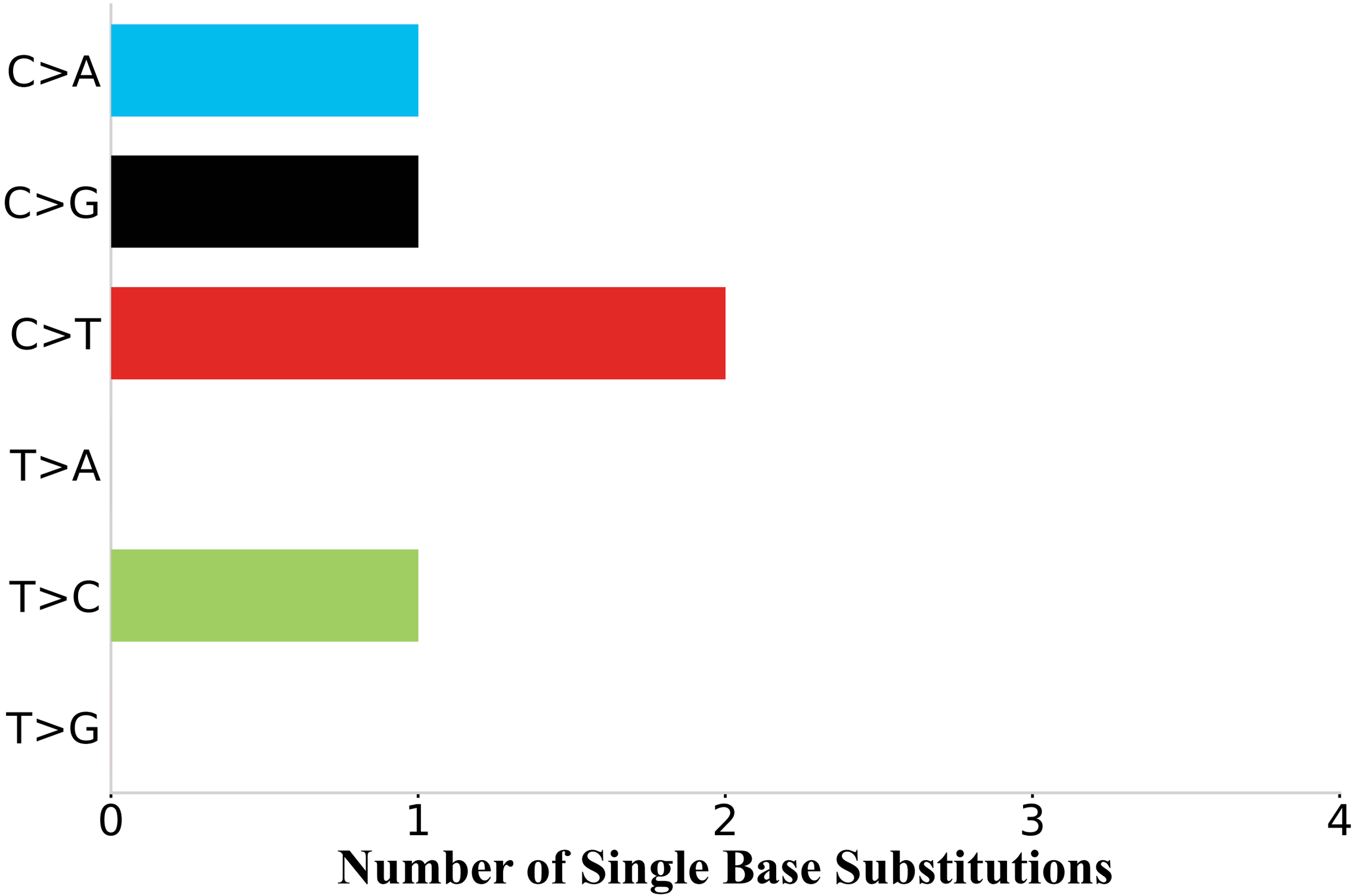


P-0015713-T01-IM6: 1 subs

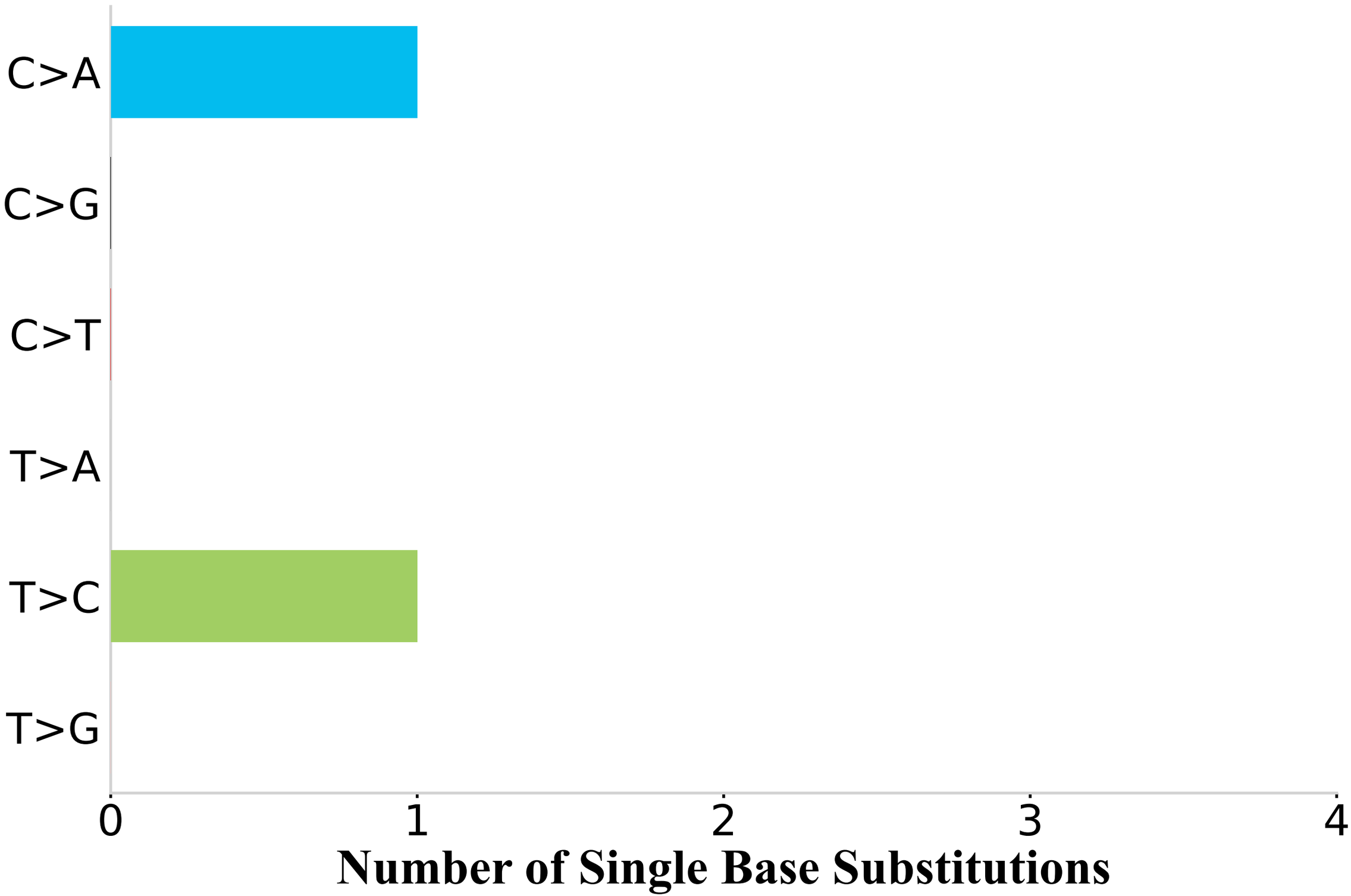



P-0015724-T01-IM6: 7 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

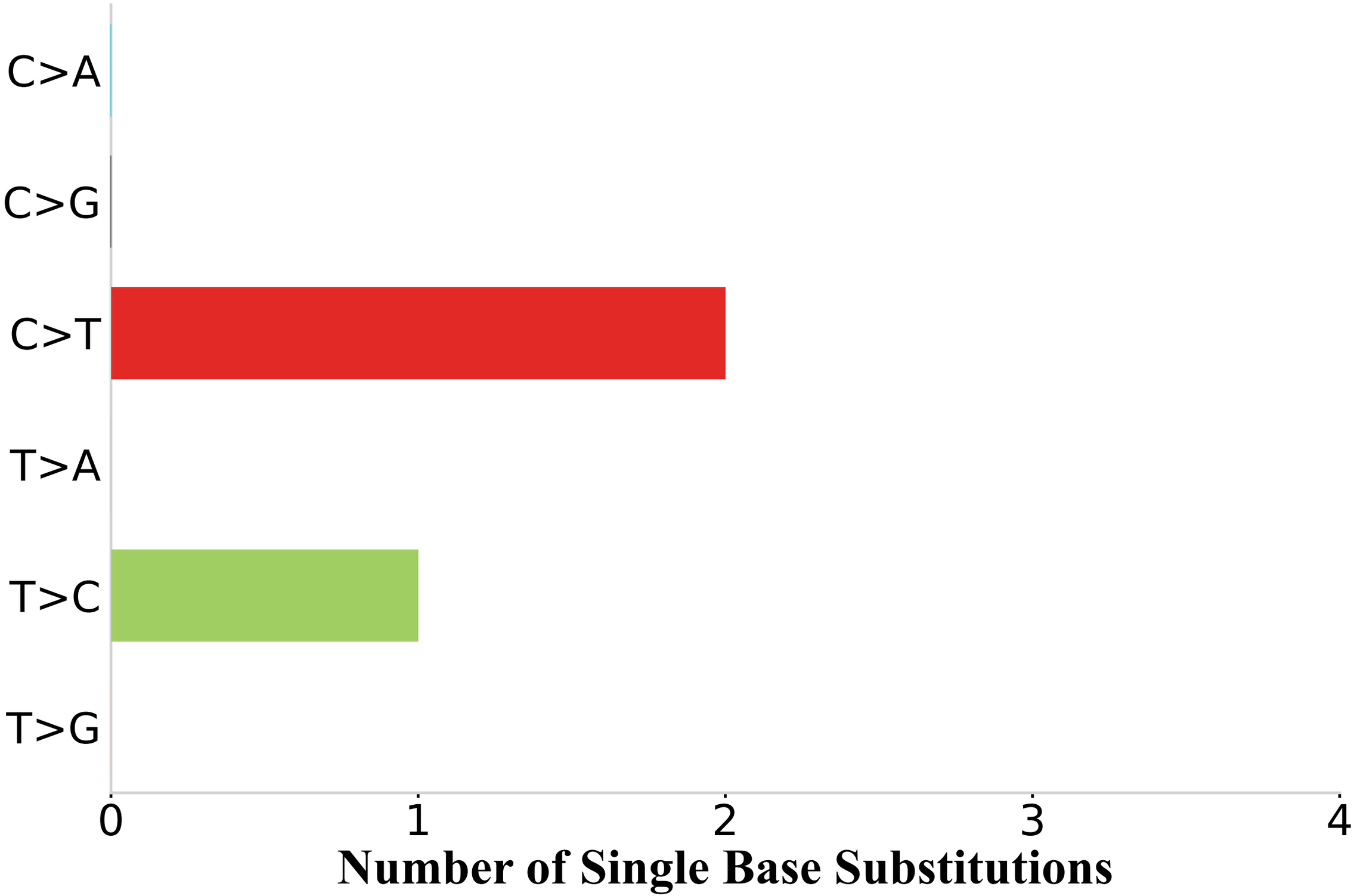
P-0015905-T01-IM6: 5 subs



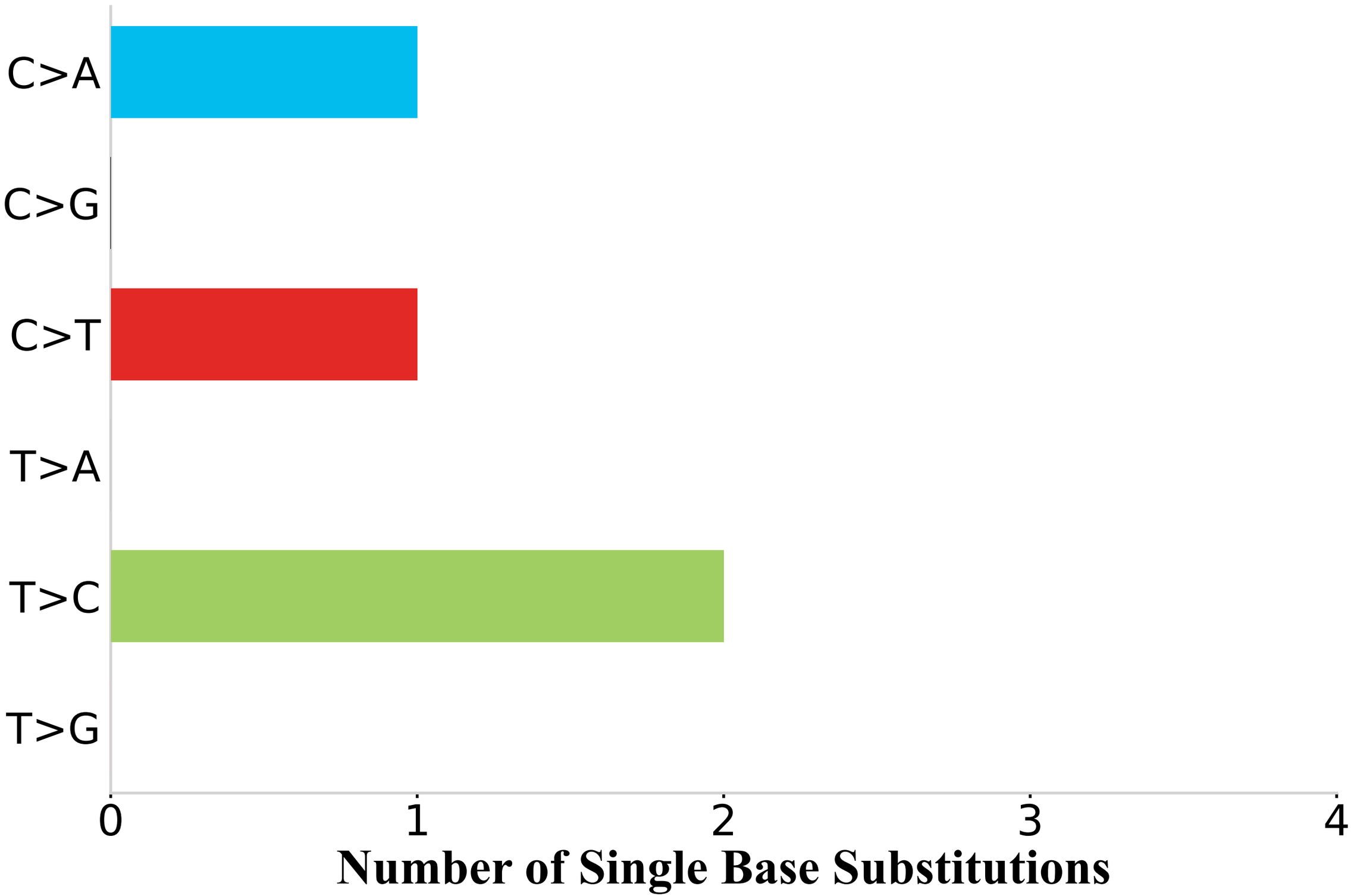
P-0015990-T01-IM6: 2 subs



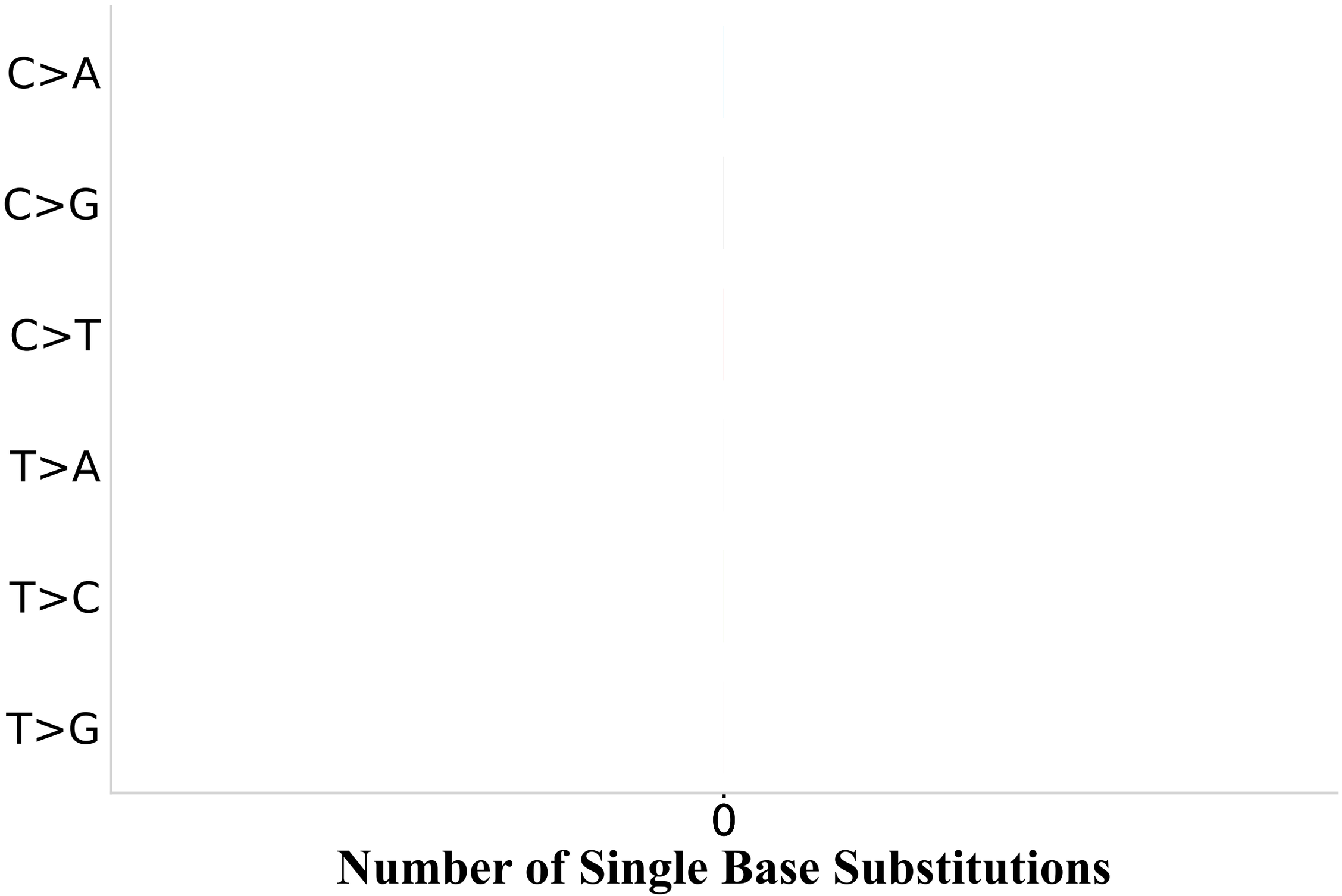
P-0016009-T01-IM6: 3 subs



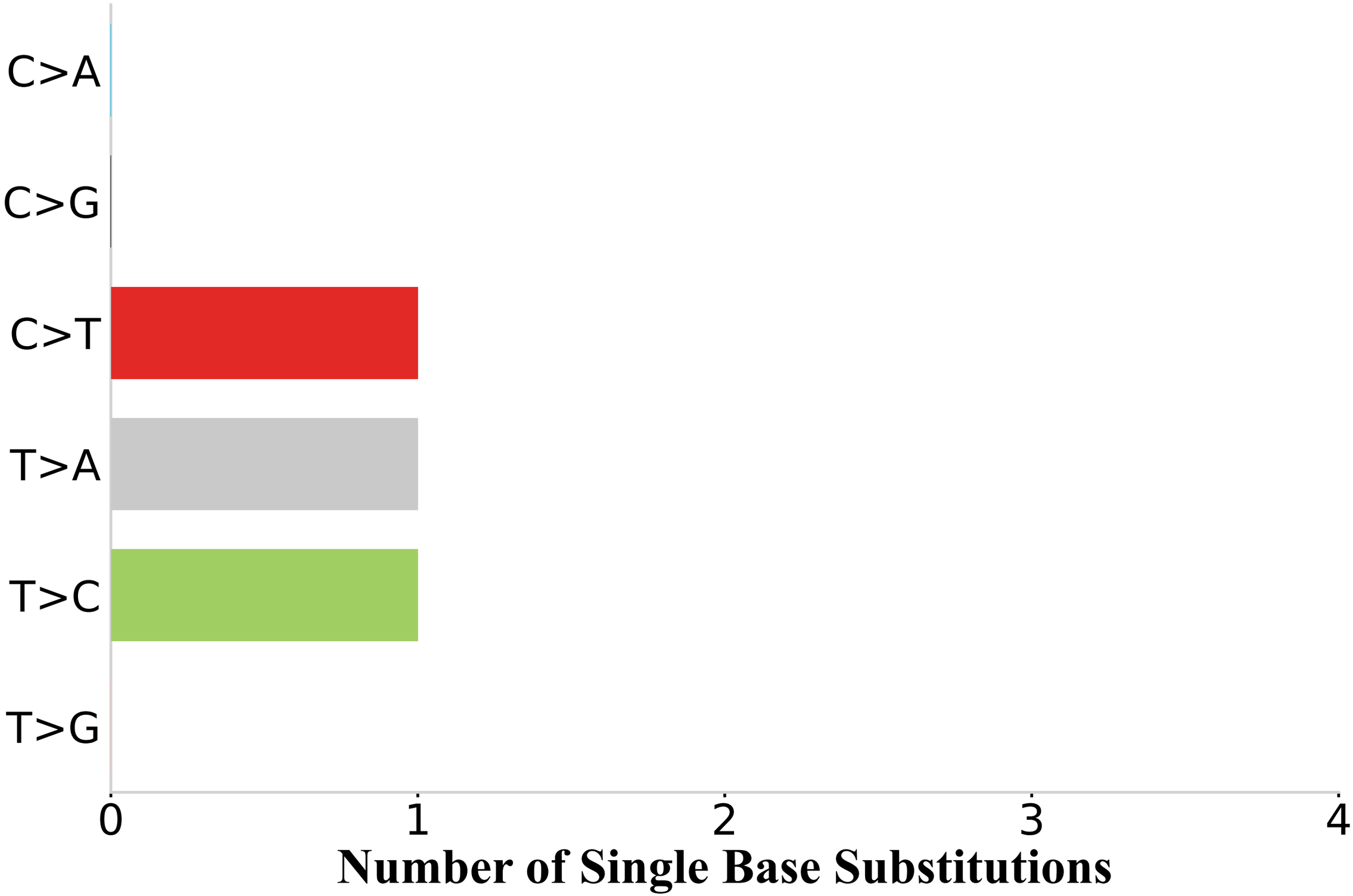
P-0016012-T01-IM6: 4 subs



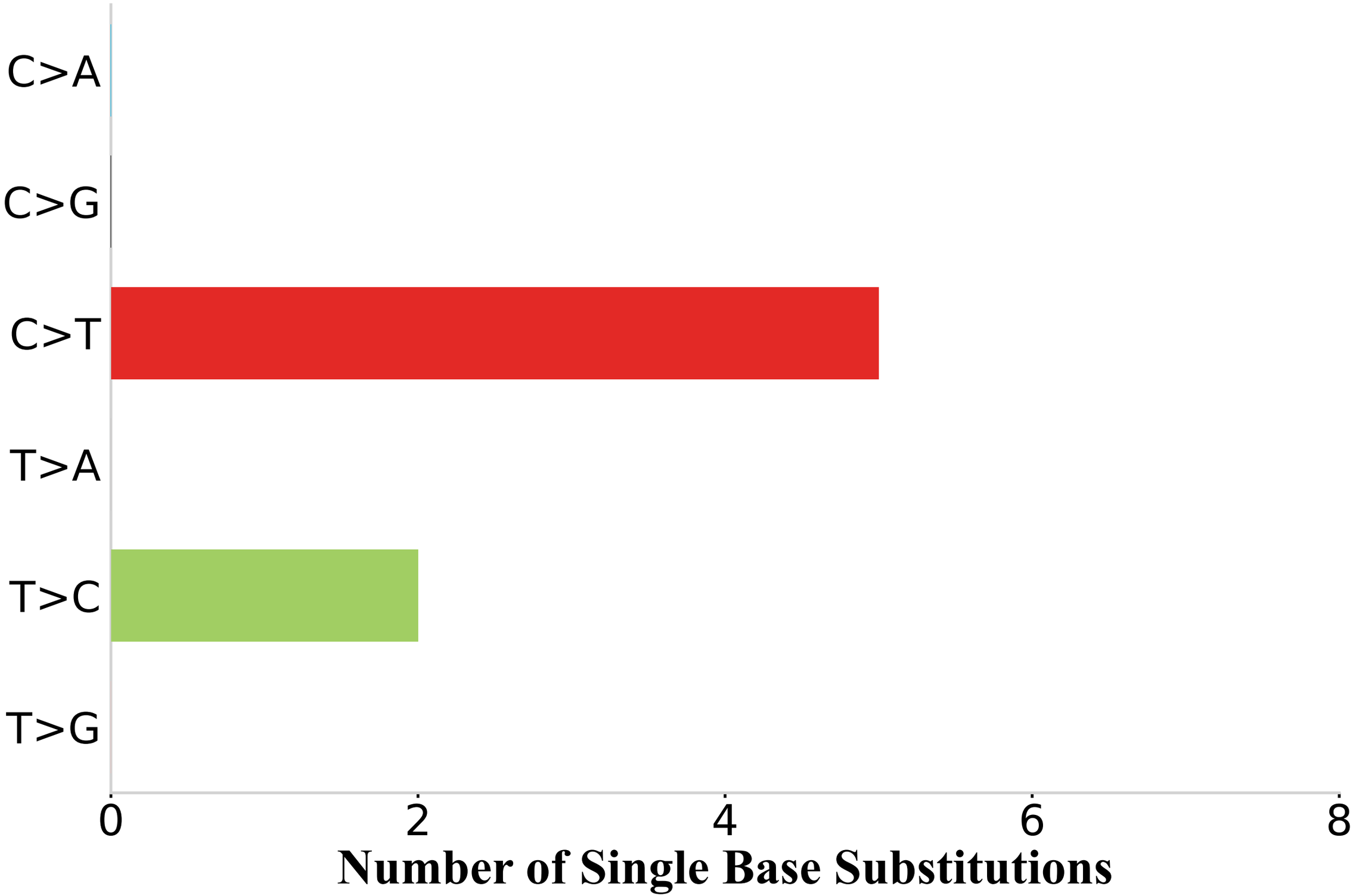
P-0016215-T01-IM6: 0 subs



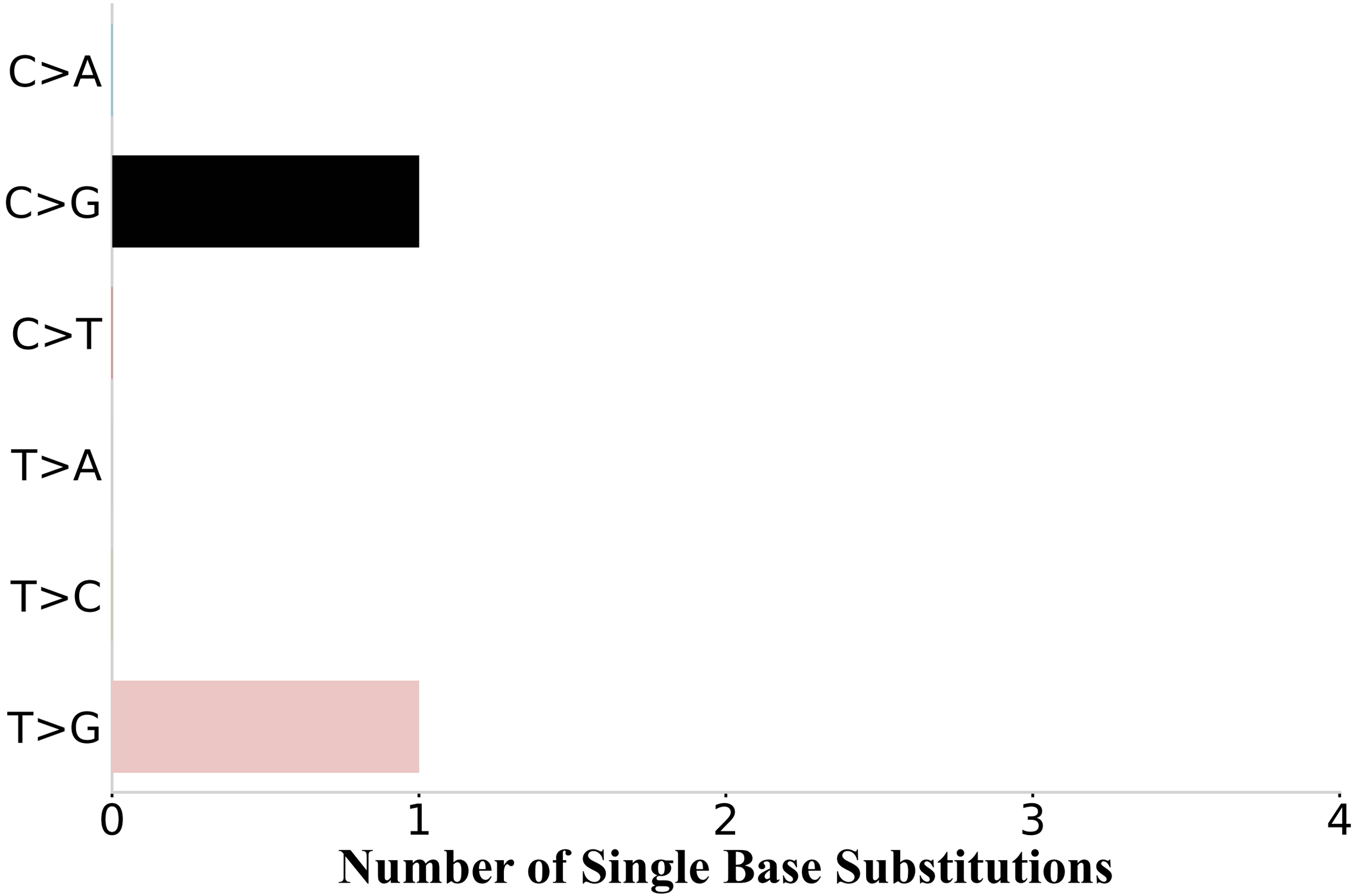
P-0016272-T01-IM6: 3 subs



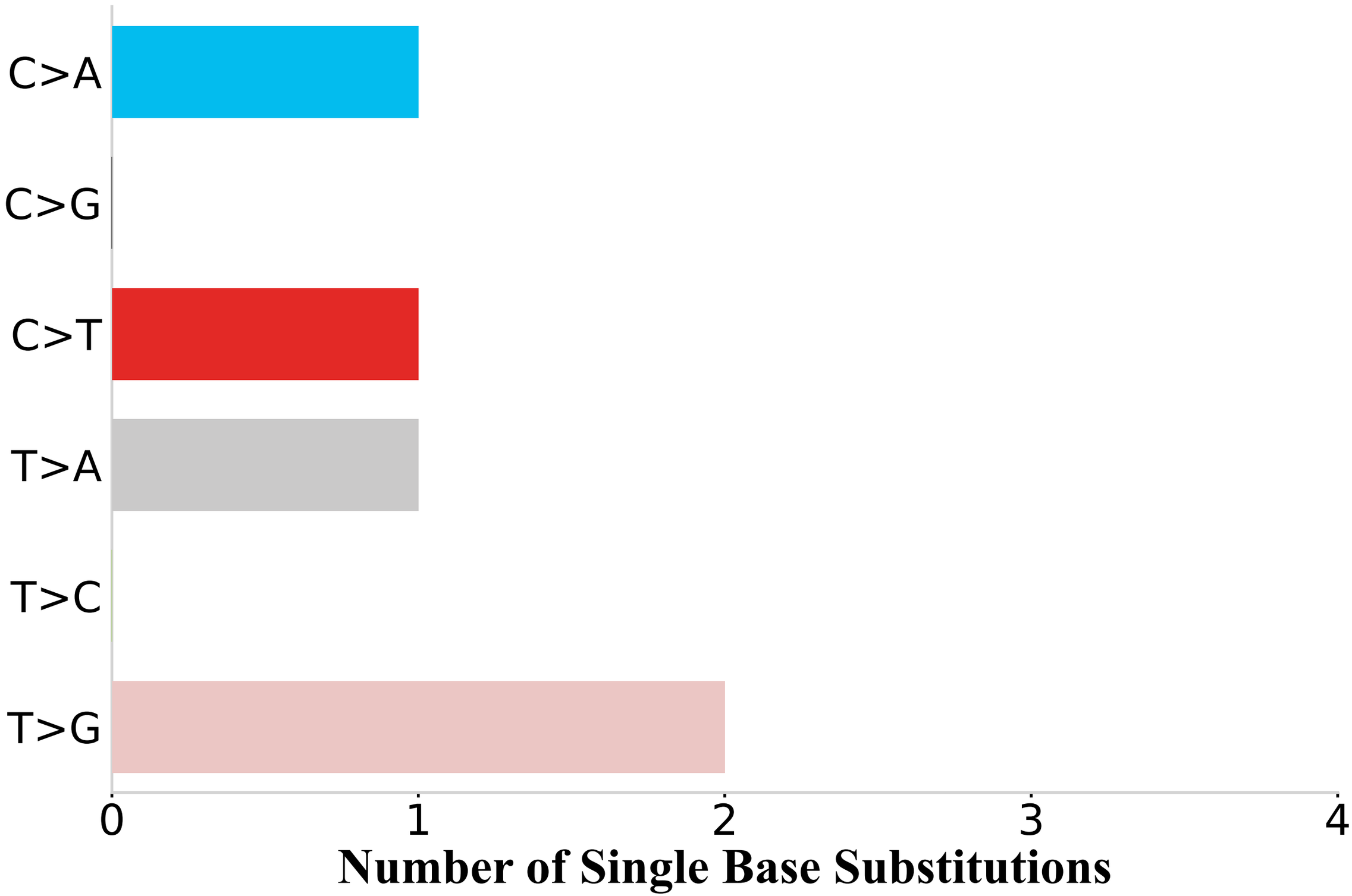
P-0016345-T01-IM6: 7 subs

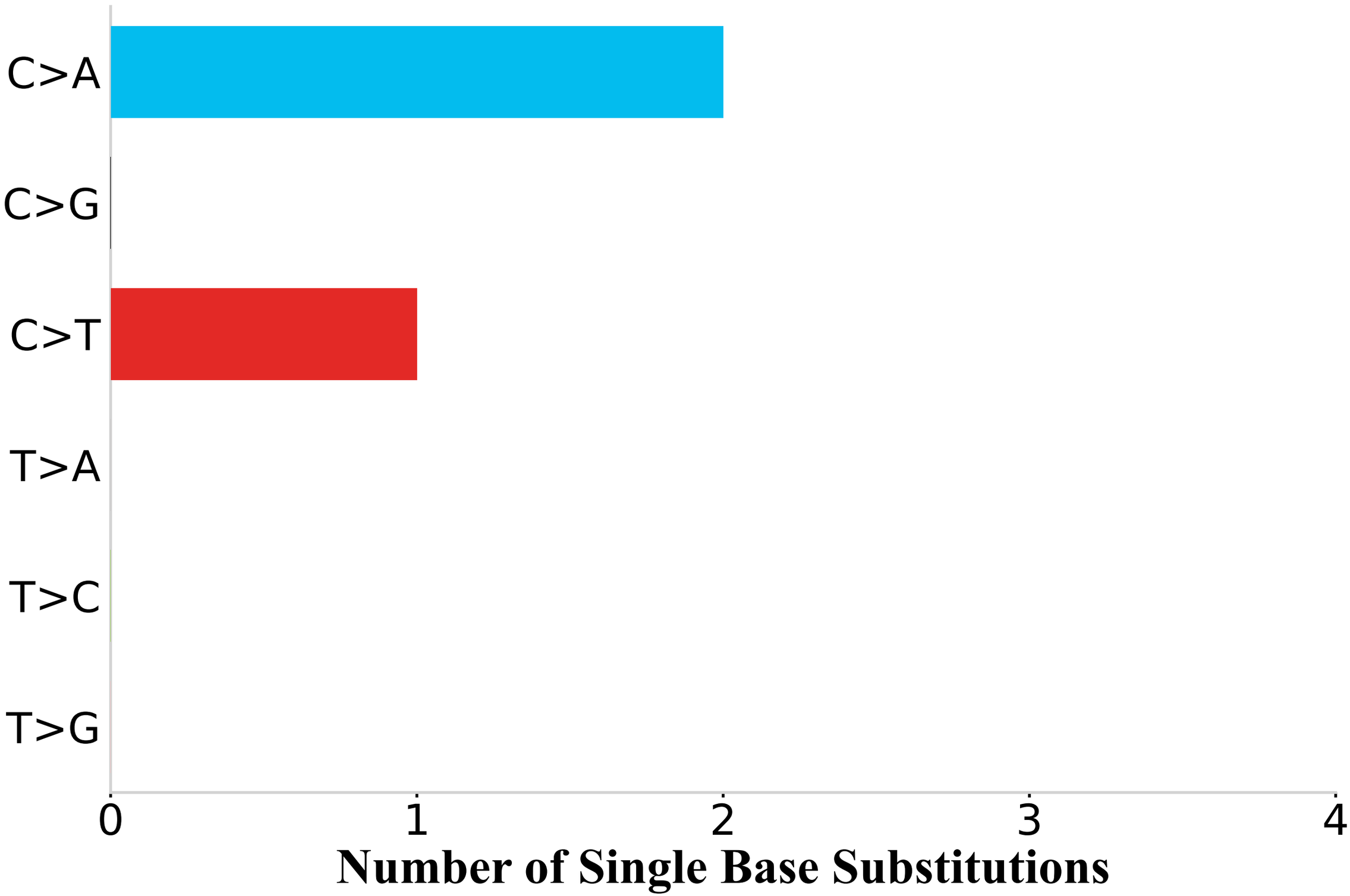


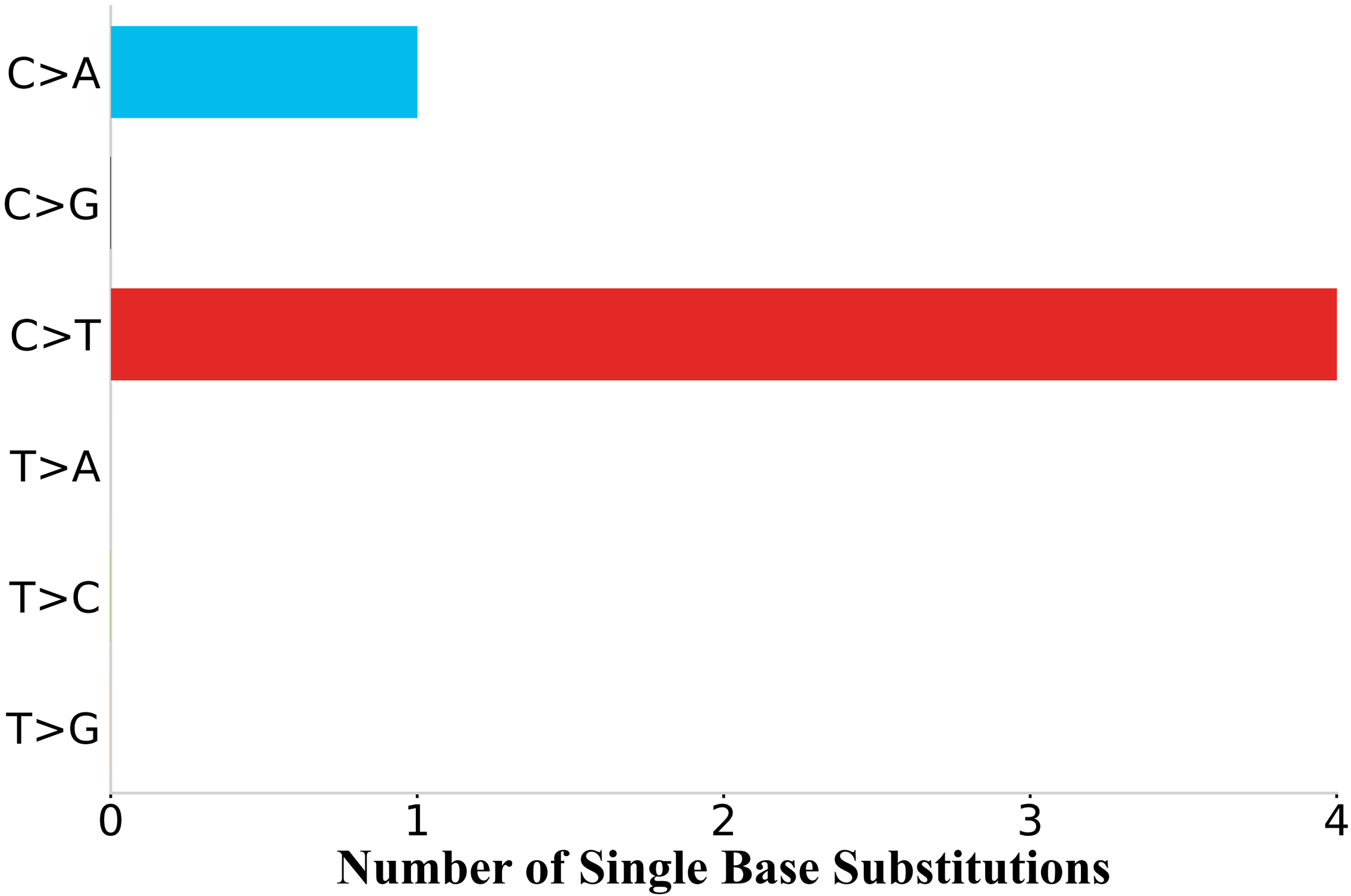
P-0016433-T01-IM6: 2 subs



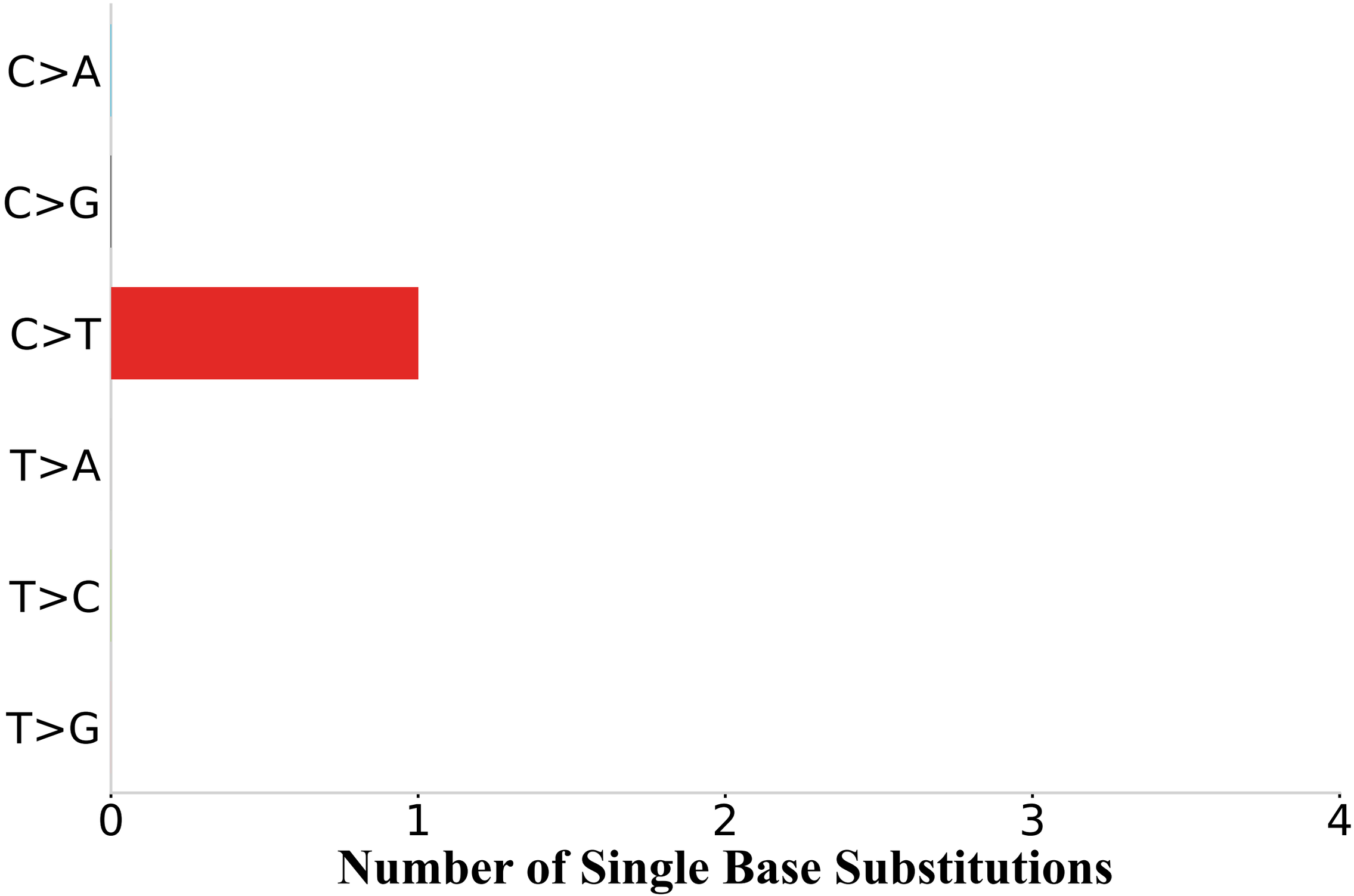
P-0016484-T03-IM6: 5 subs

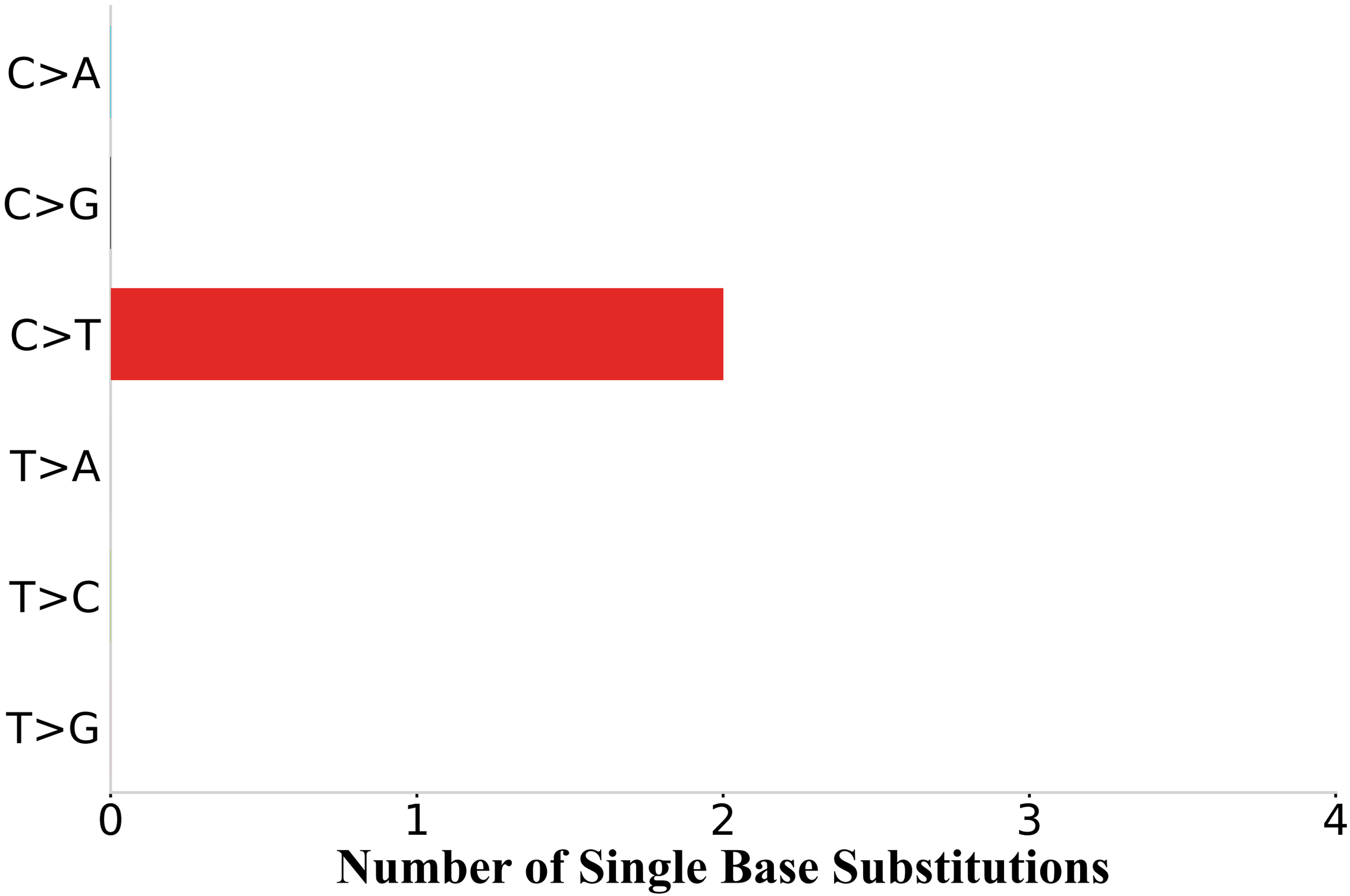


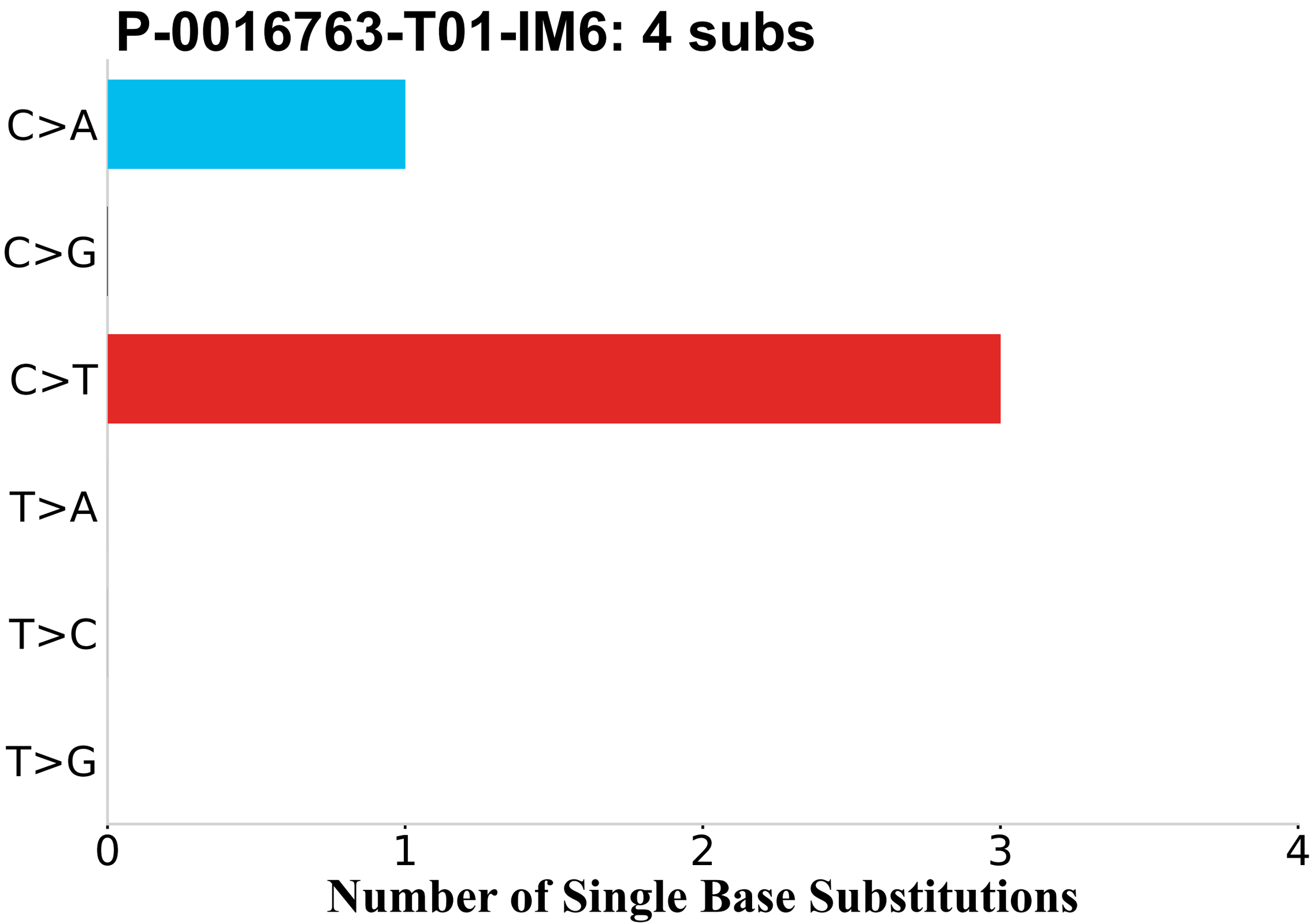

P-0016632-T01-IM6: 3 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions


P-0016661-T01-IM6: 5 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

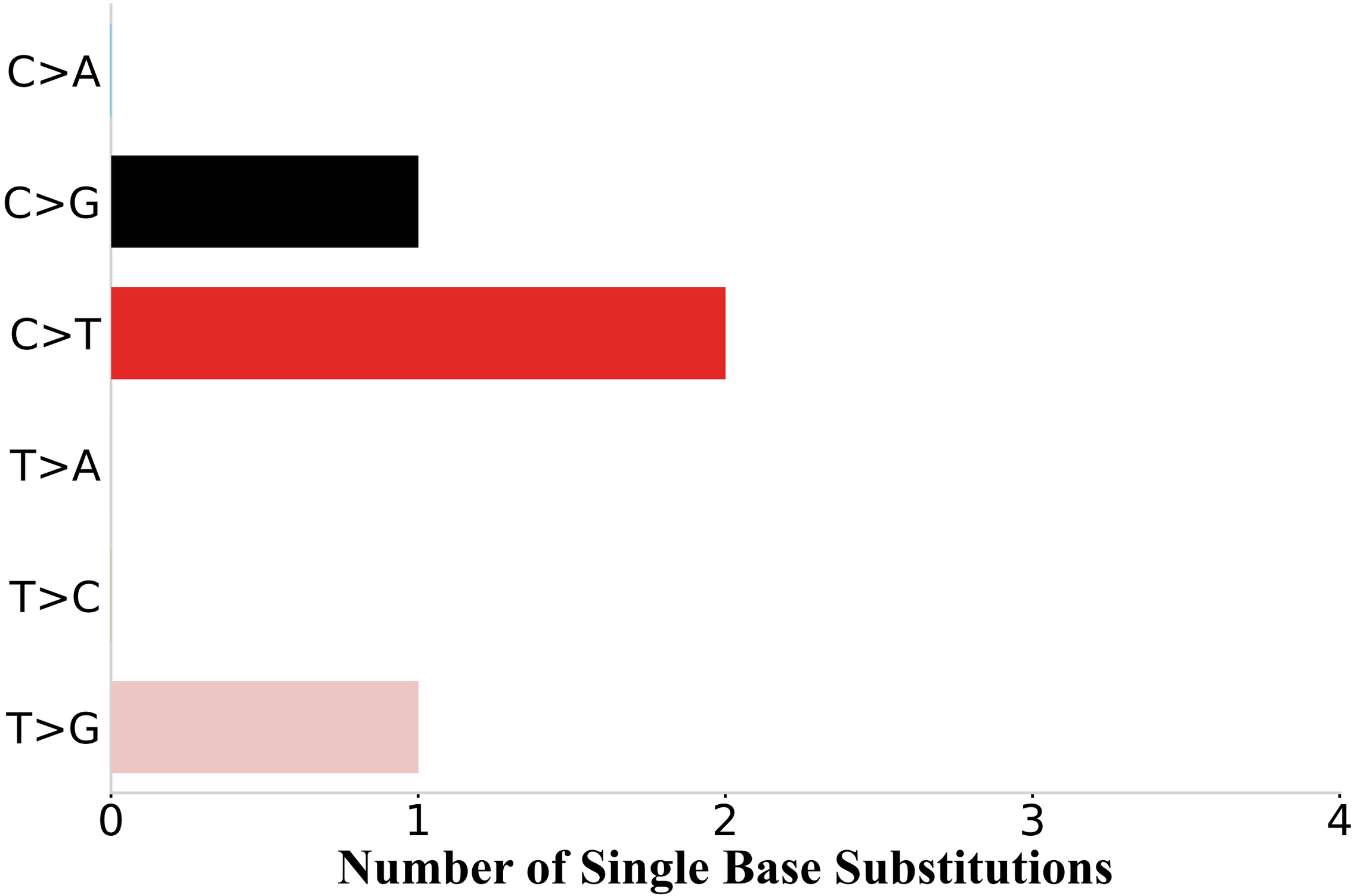
P-0016665-T01-IM6: 1 subs

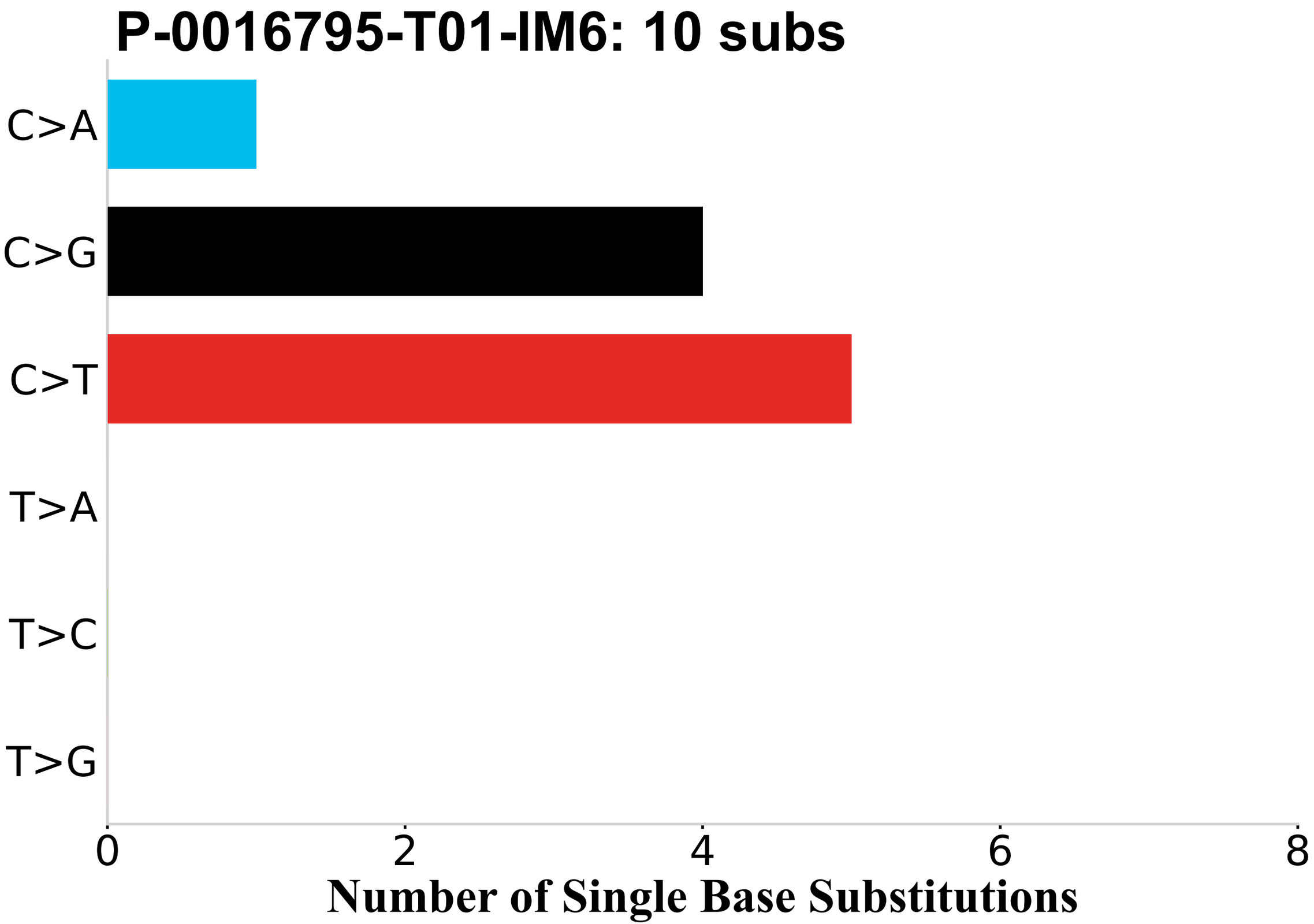


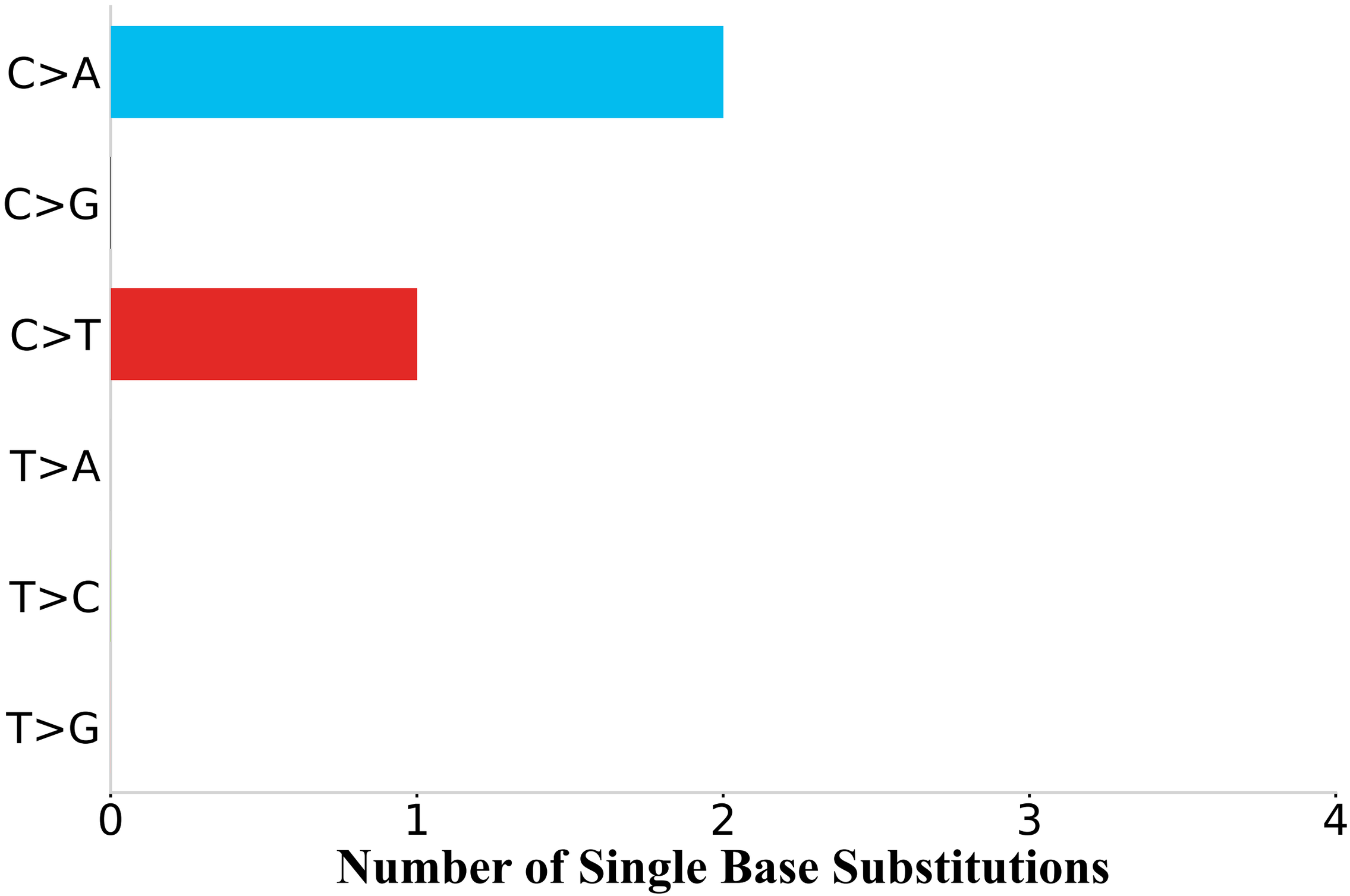

P-0016727-T01-IM6: 2 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

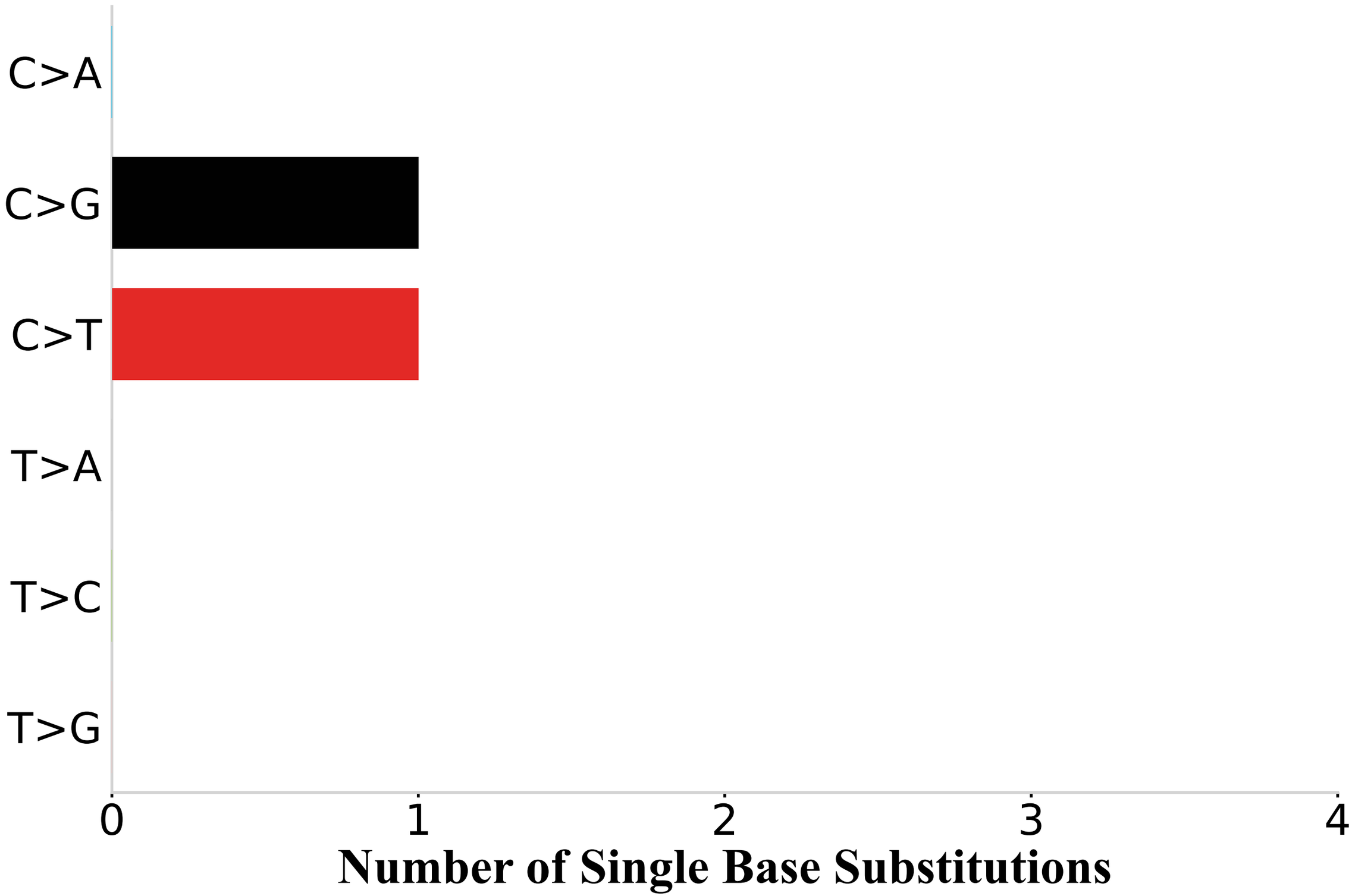

P-0016763-T01-IM6: 4 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

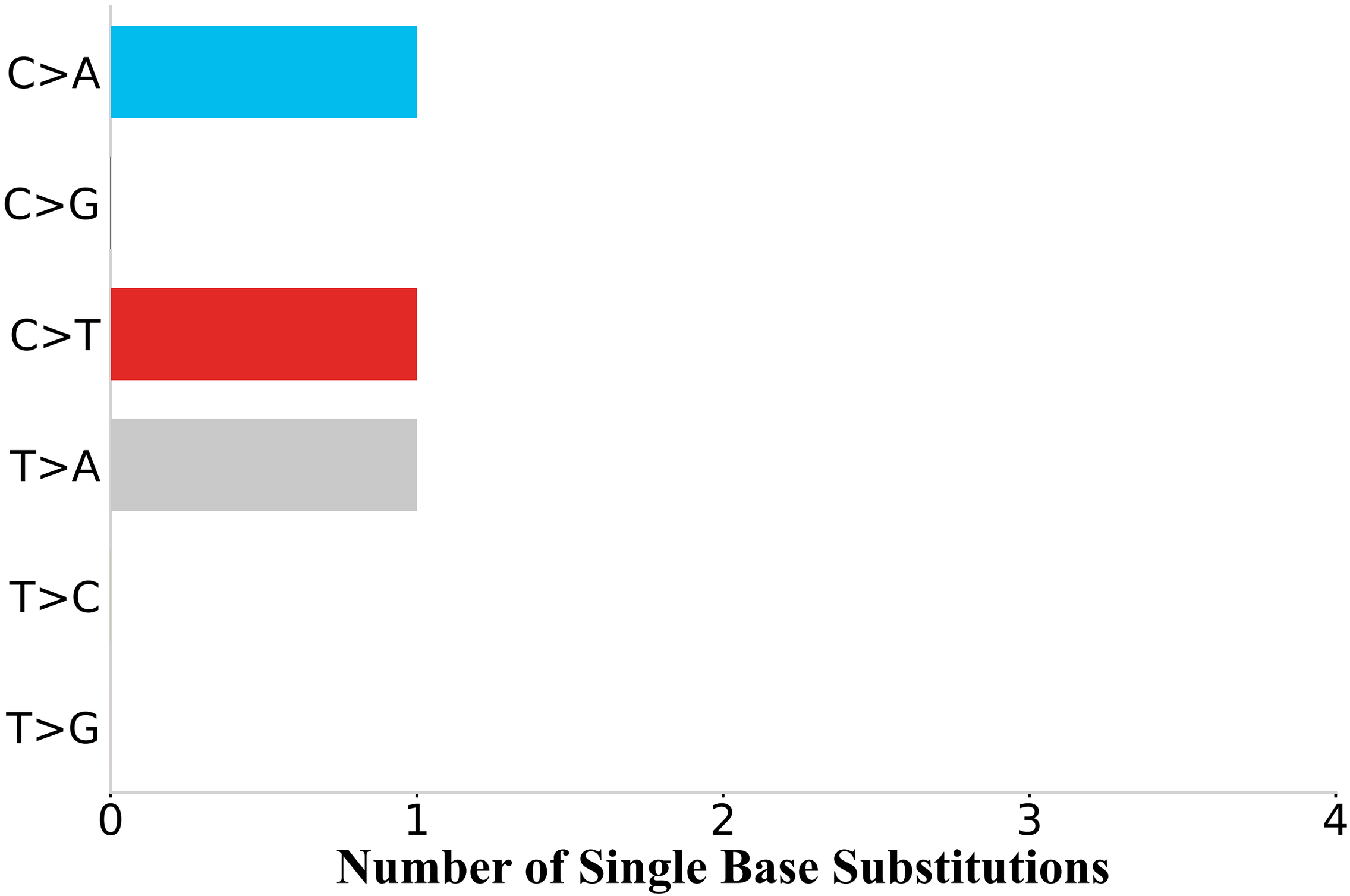
P-0016792-T01-IM6: 4 subs

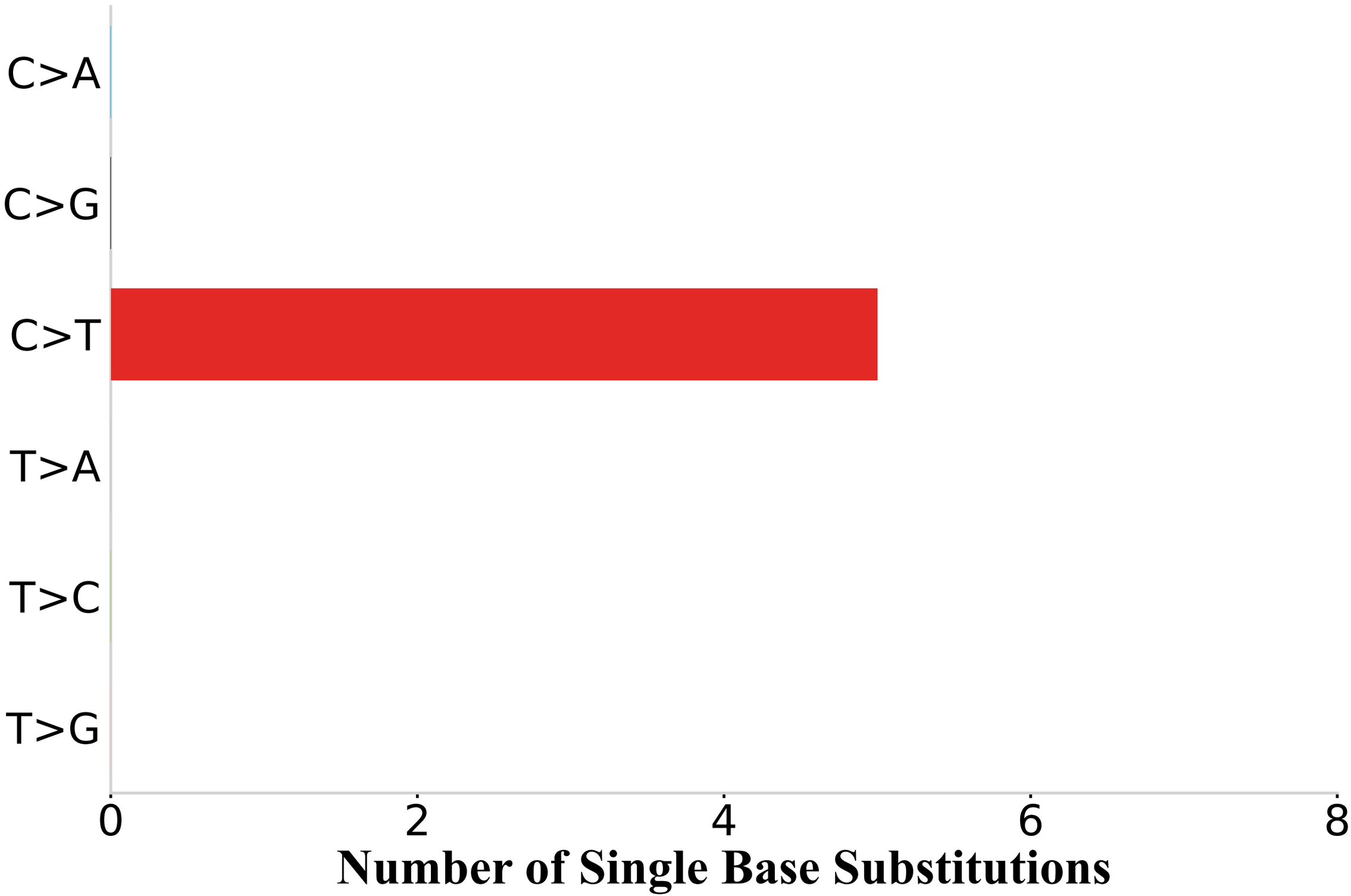



P-0016795-T01-IM6: 10 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
2
4
6
8
Number of Single Base Substitutions

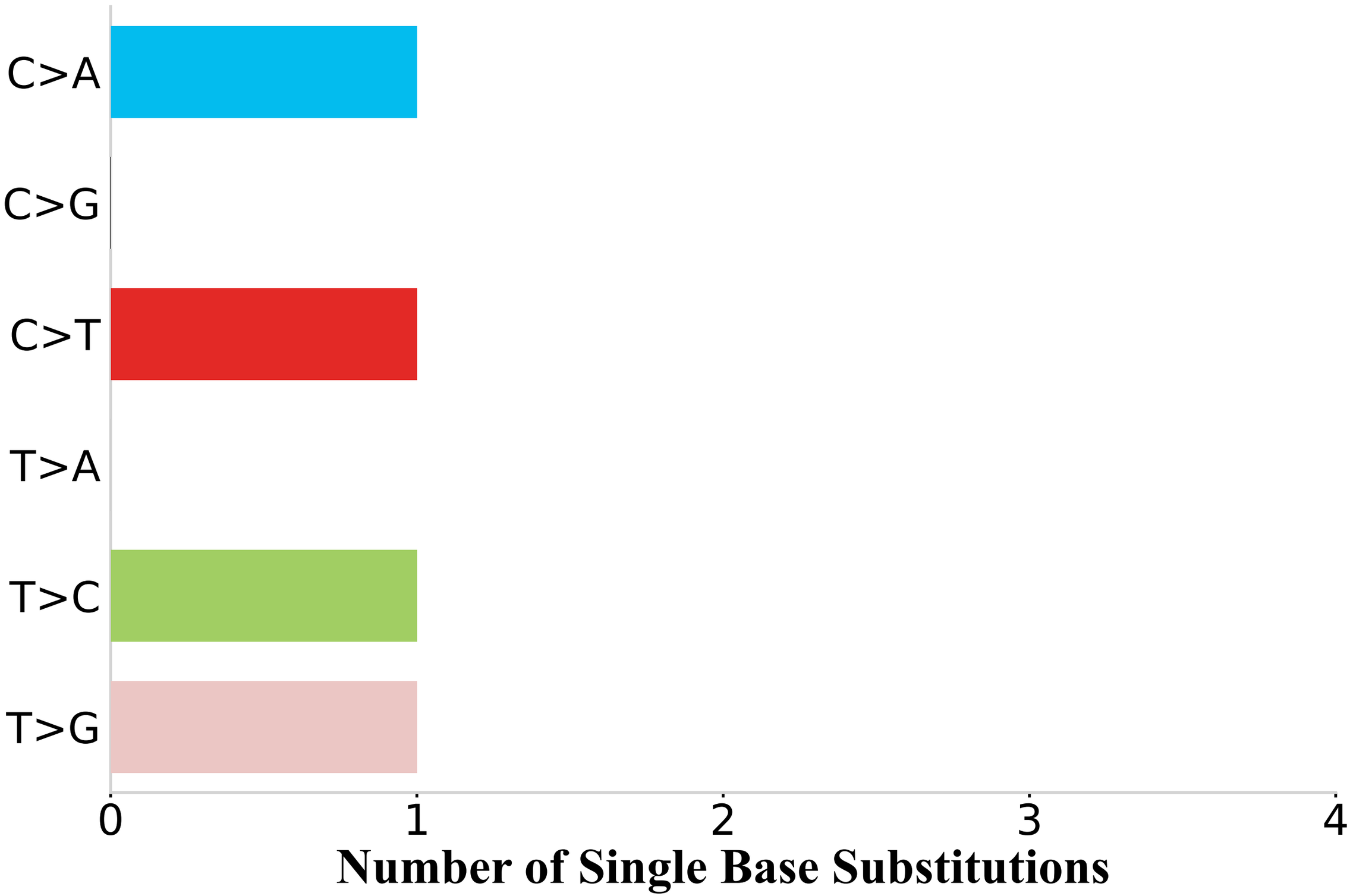

P-0016808-T01-IM6: 3 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

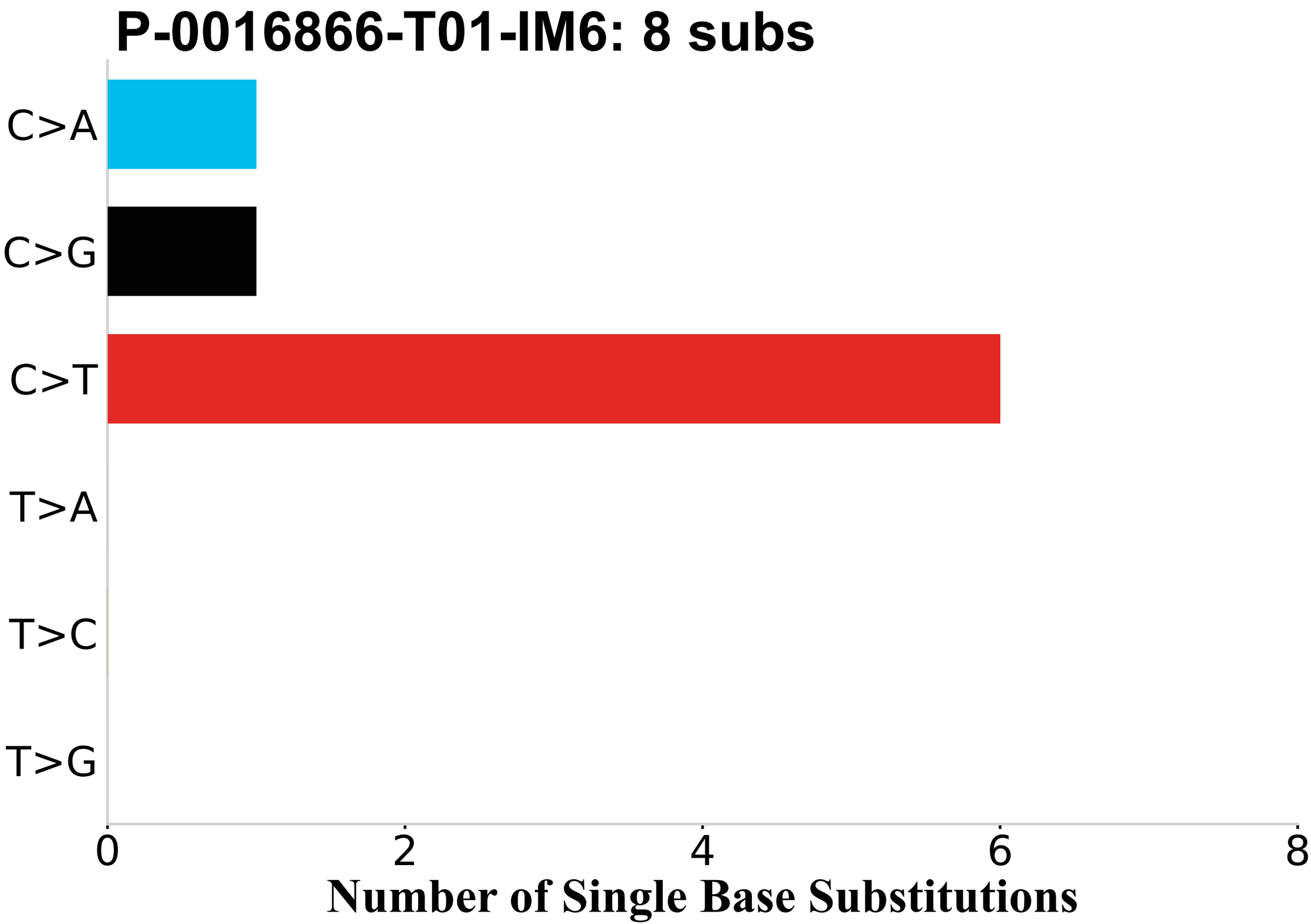

P-0016811-T03-IM6: 2 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions


P-0016813-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

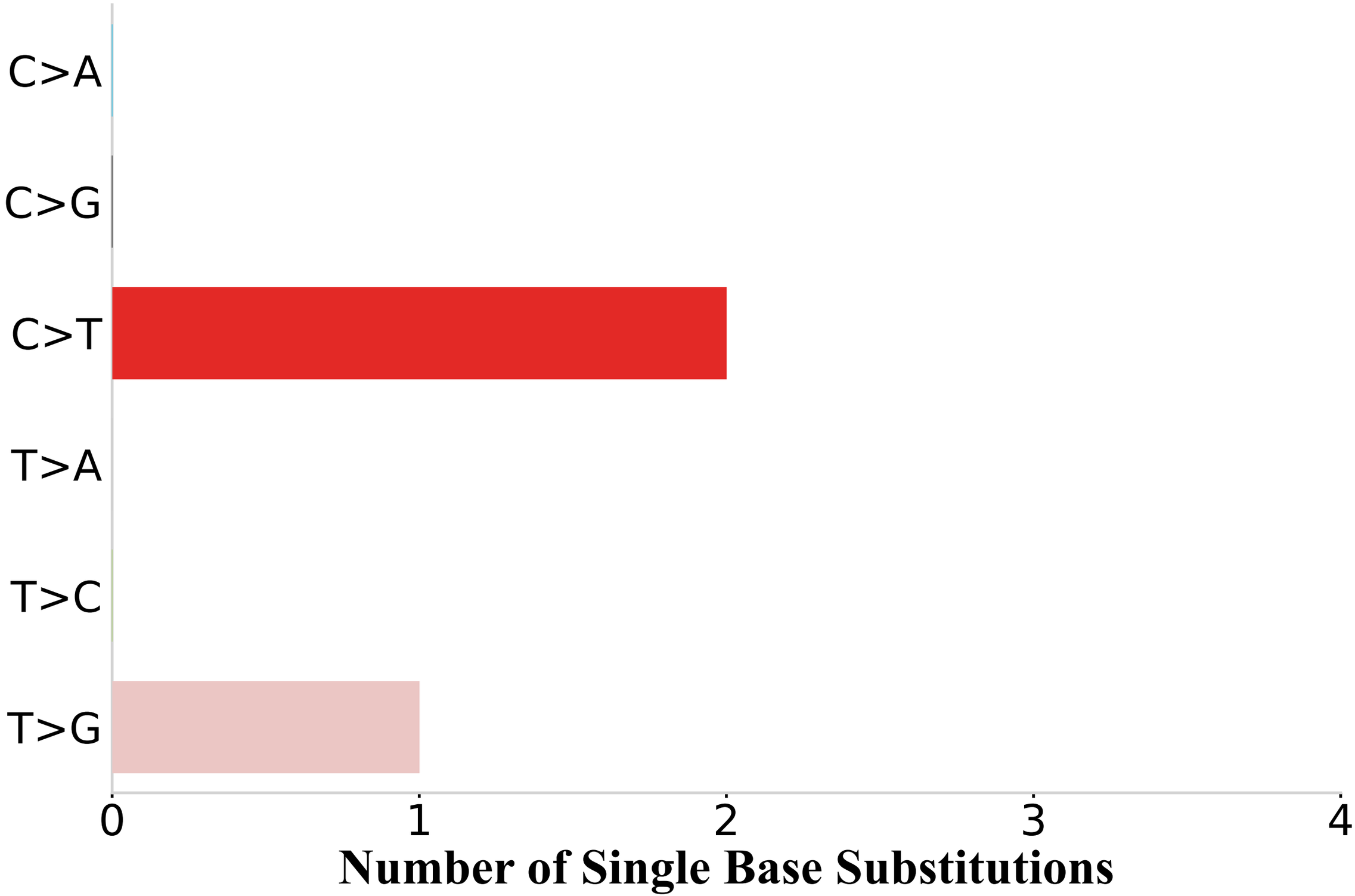

P-0016816-T02-IM6: 5 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
2
4
6
8
Number of Single Base Substitutions

P-0016837-T01-IM6: 4 subs

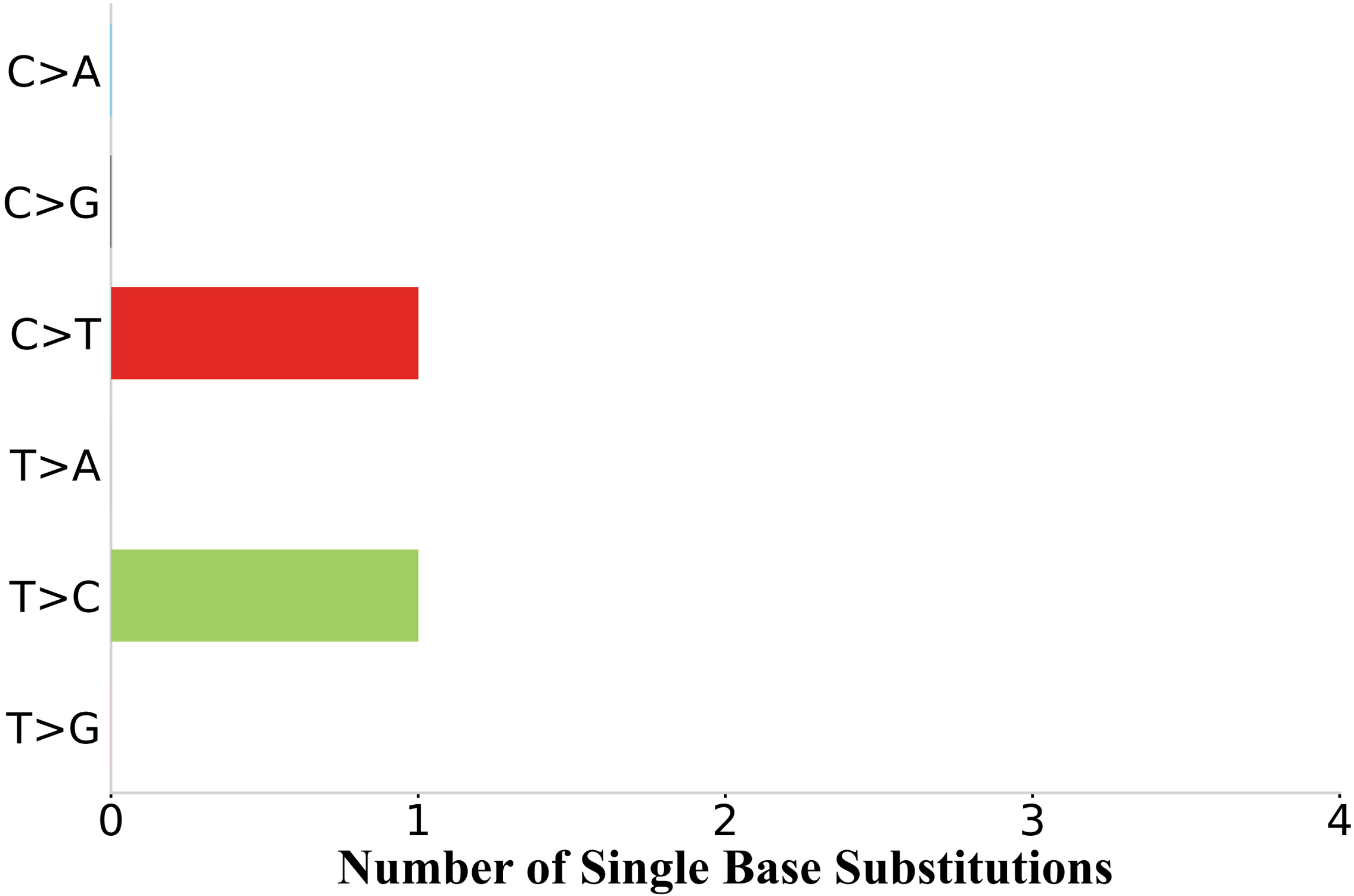



P-0016866-T01-IM6: 8 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
2
4
6
8
Number of Single Base Substitutions

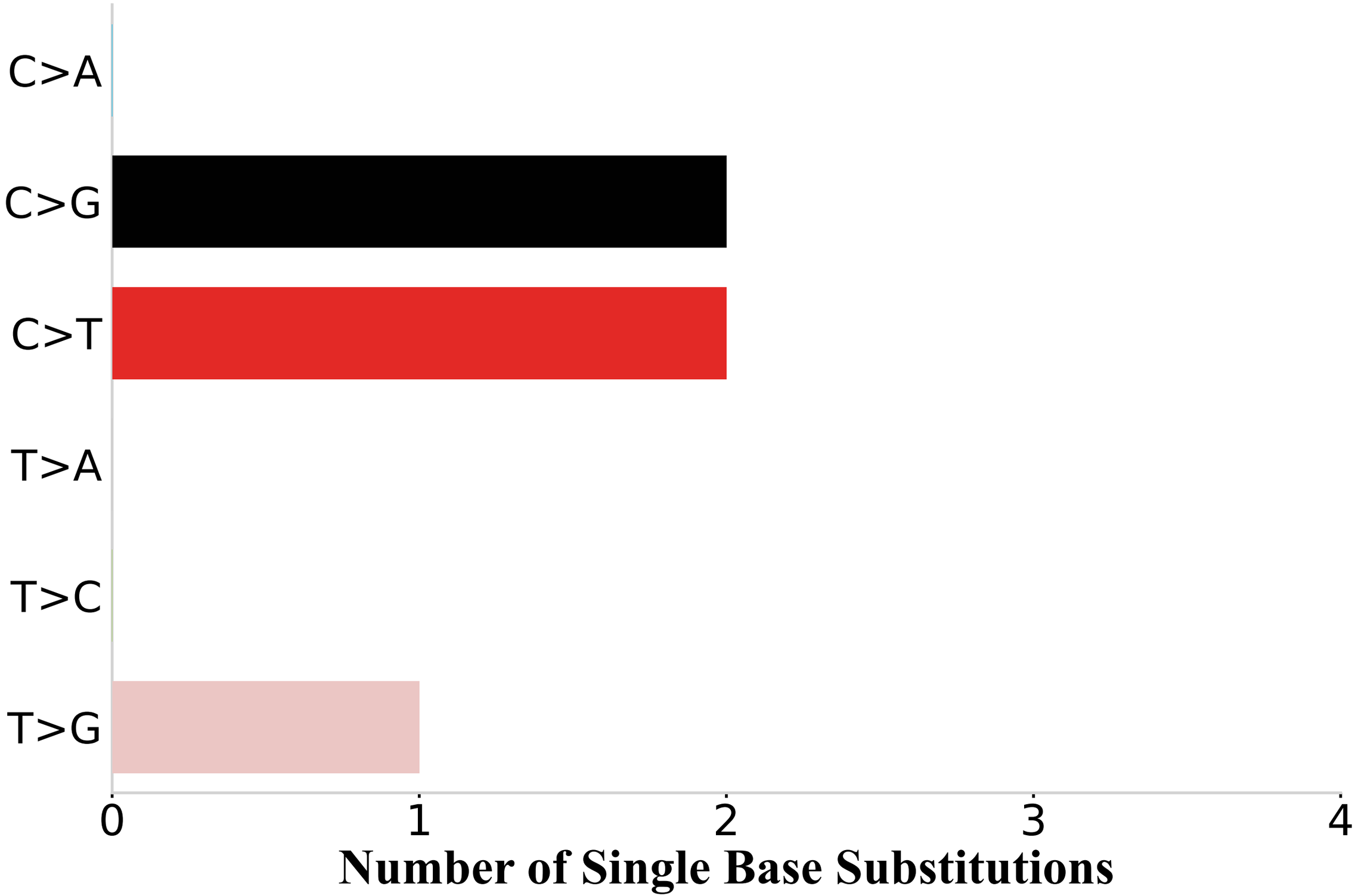
P-0016951-T01-IM6: 3 subs



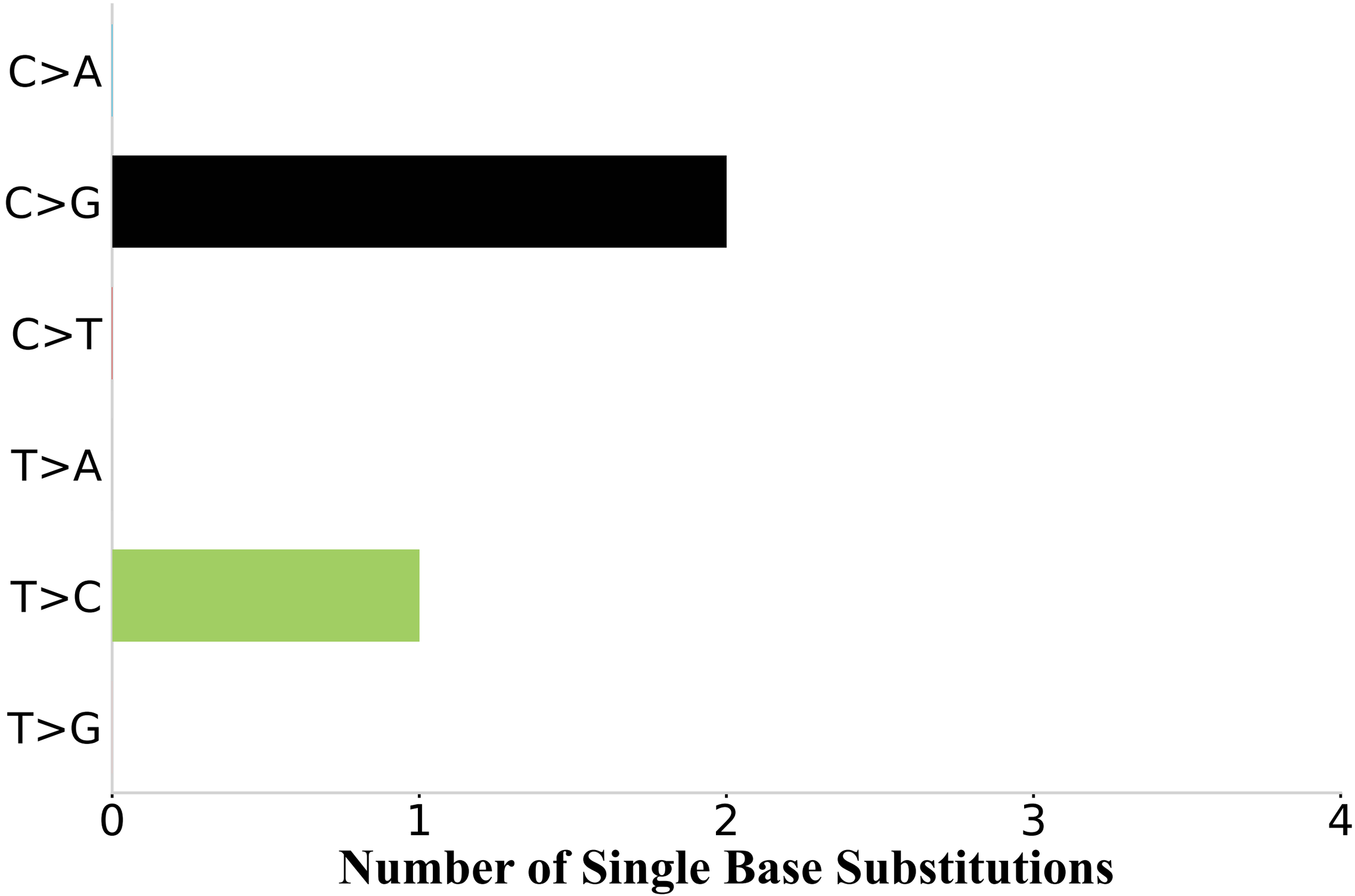
P-0016965-T01-IM6: 2 subs



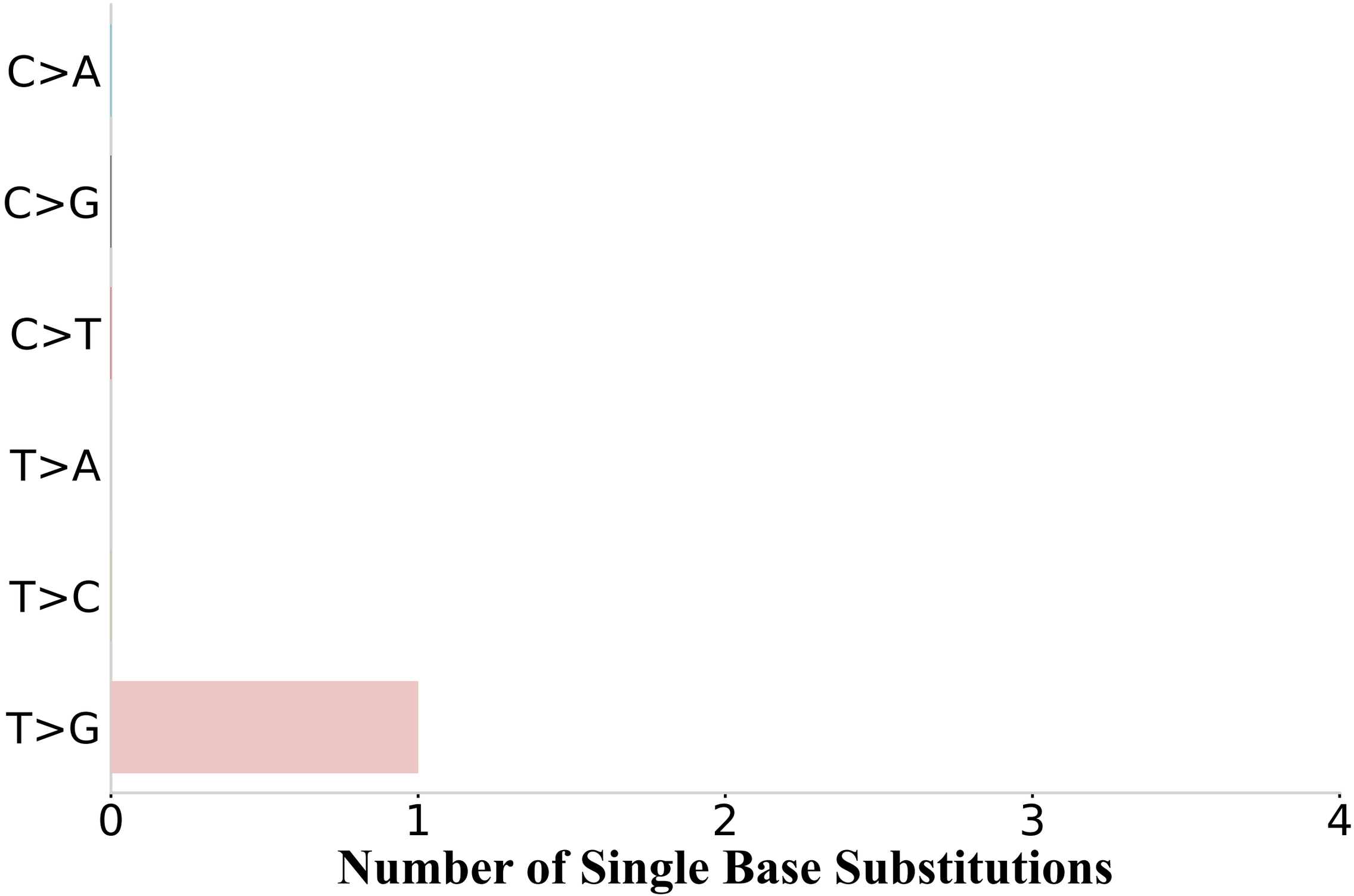
P-0016974-T01-IM6: 5 subs



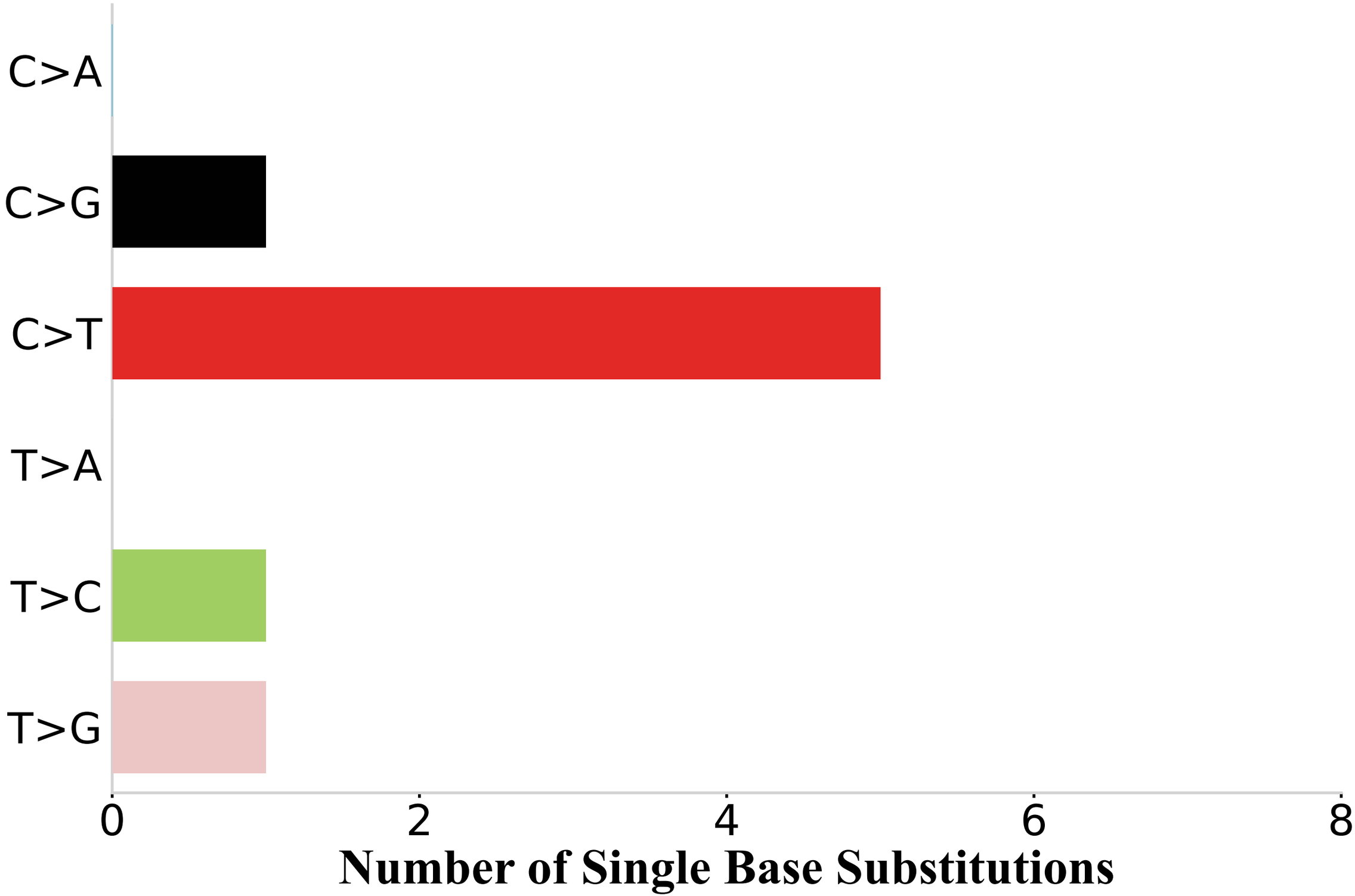
P-0016991-T01-IM6: 3 subs



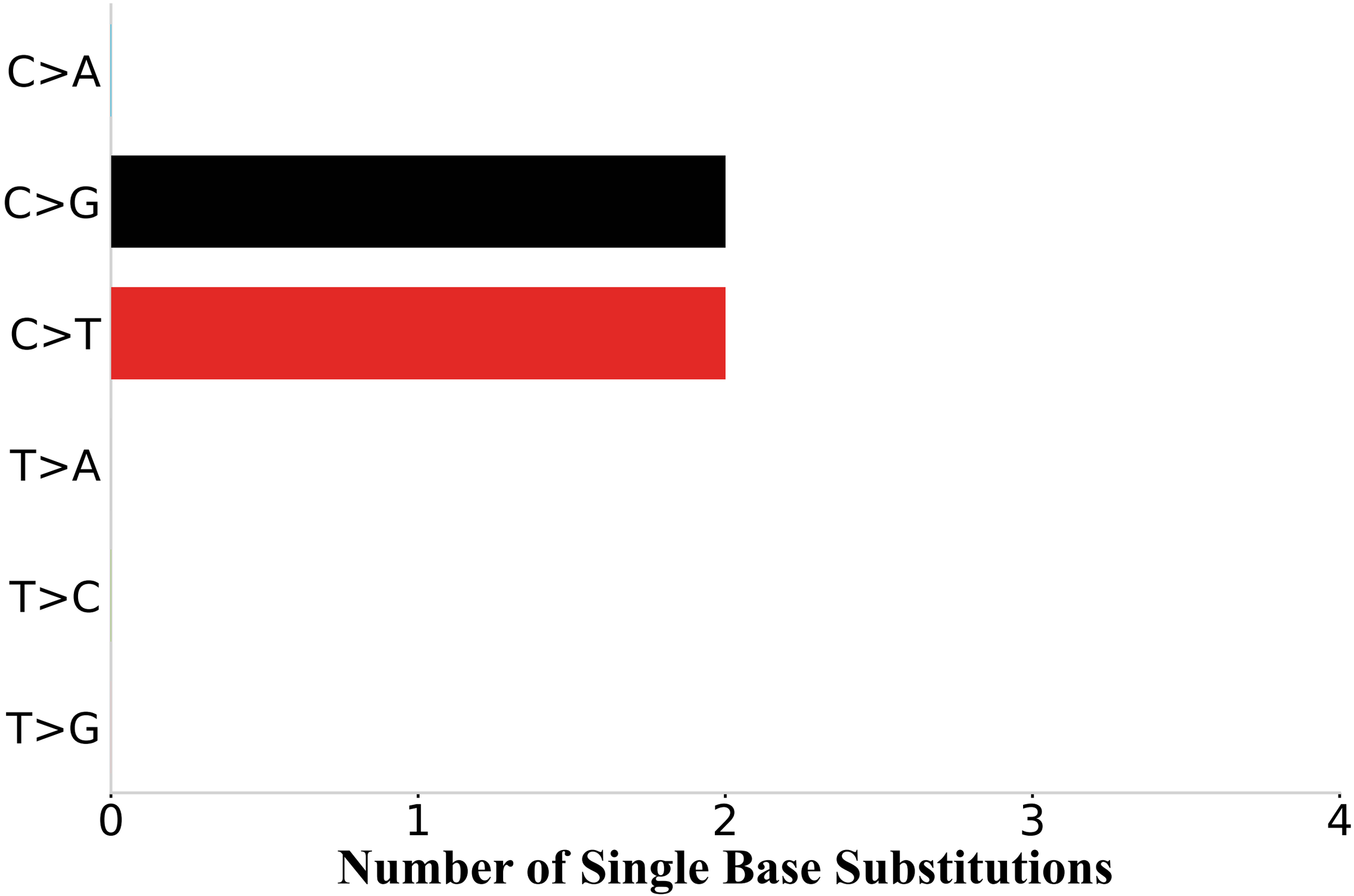
P-0017031-T01-IM6: 1 subs



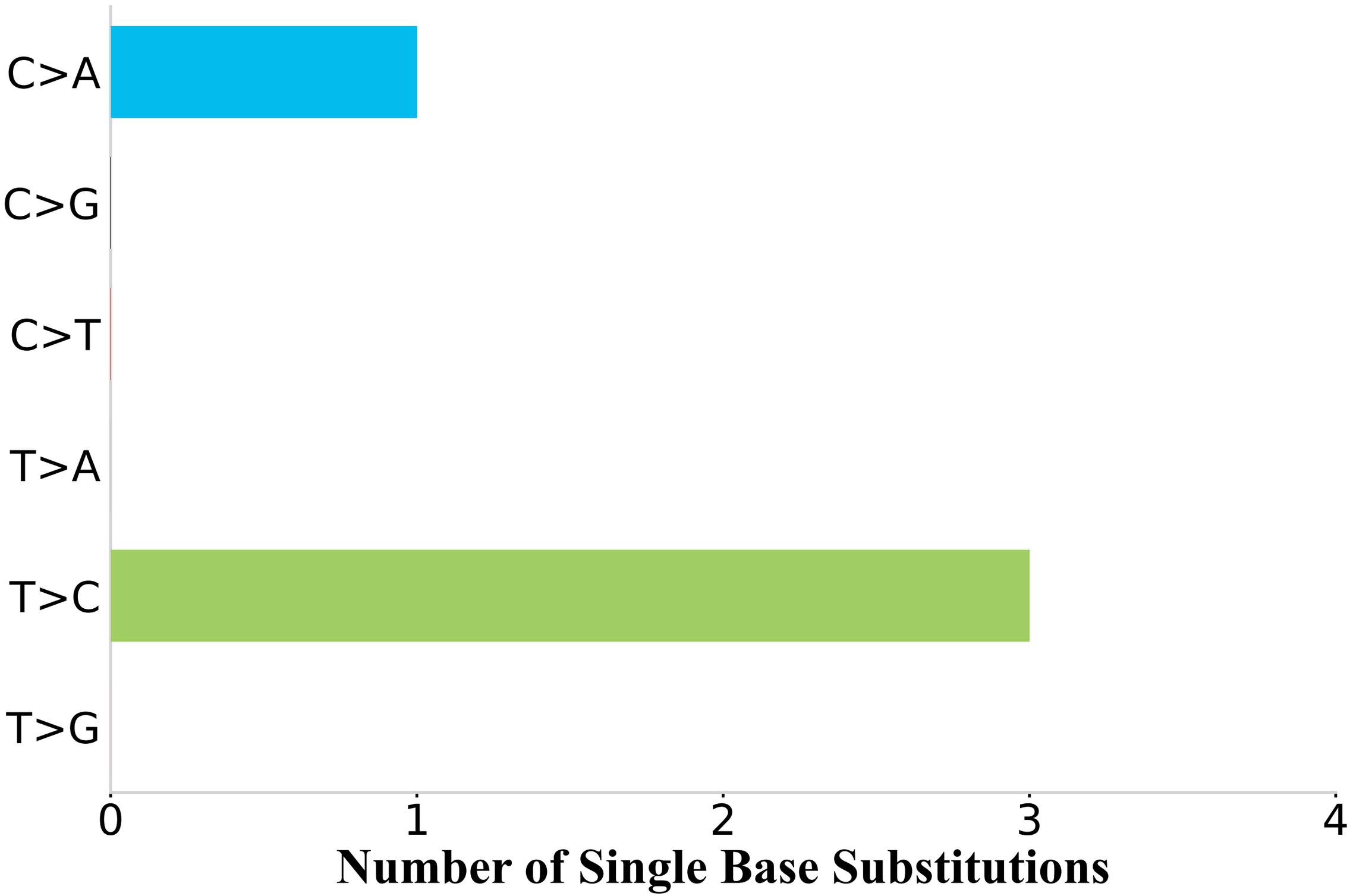
P-0017112-T02-IM6: 8 subs



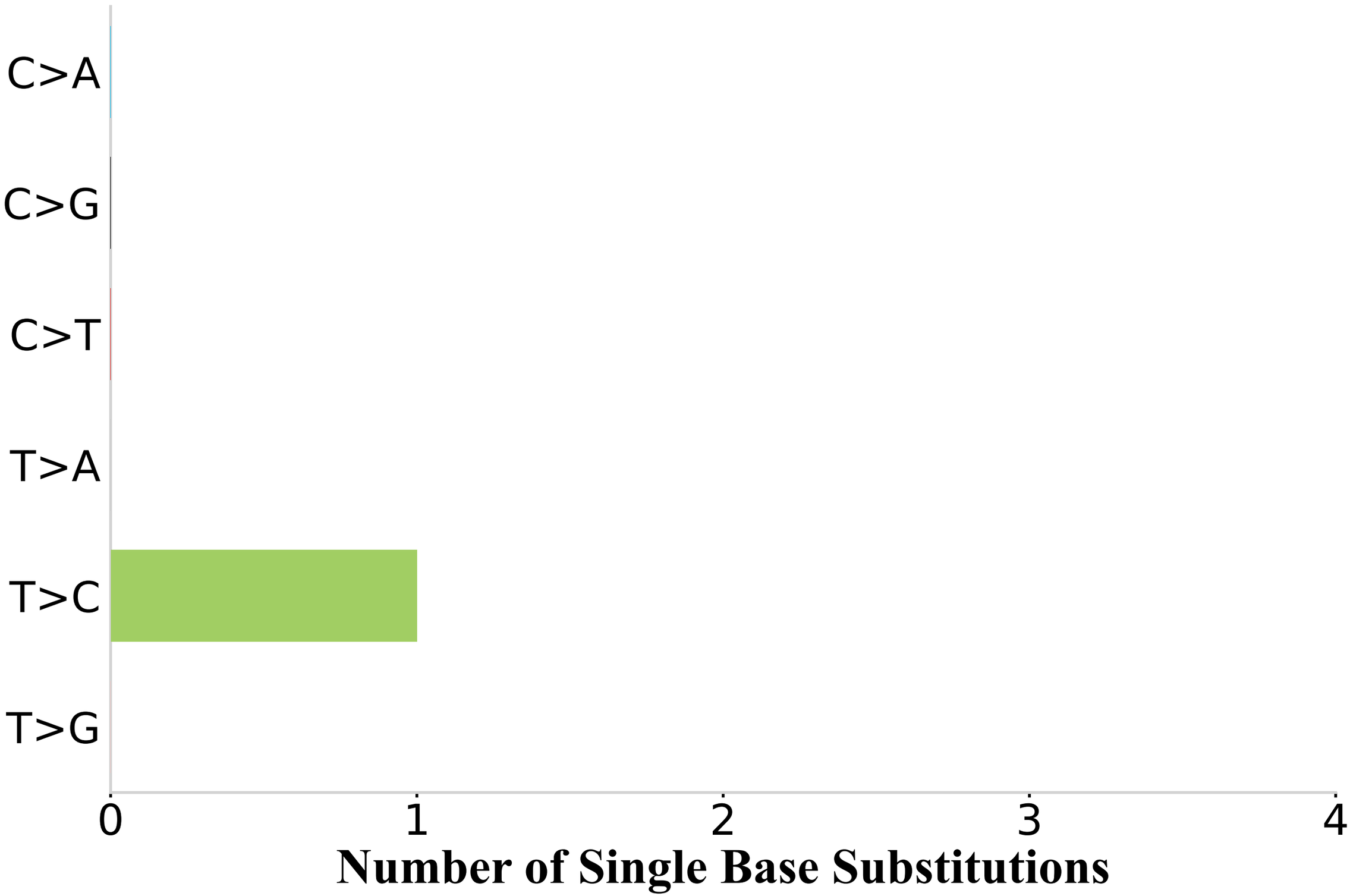
P-0017154-T01-IM6: 4 subs

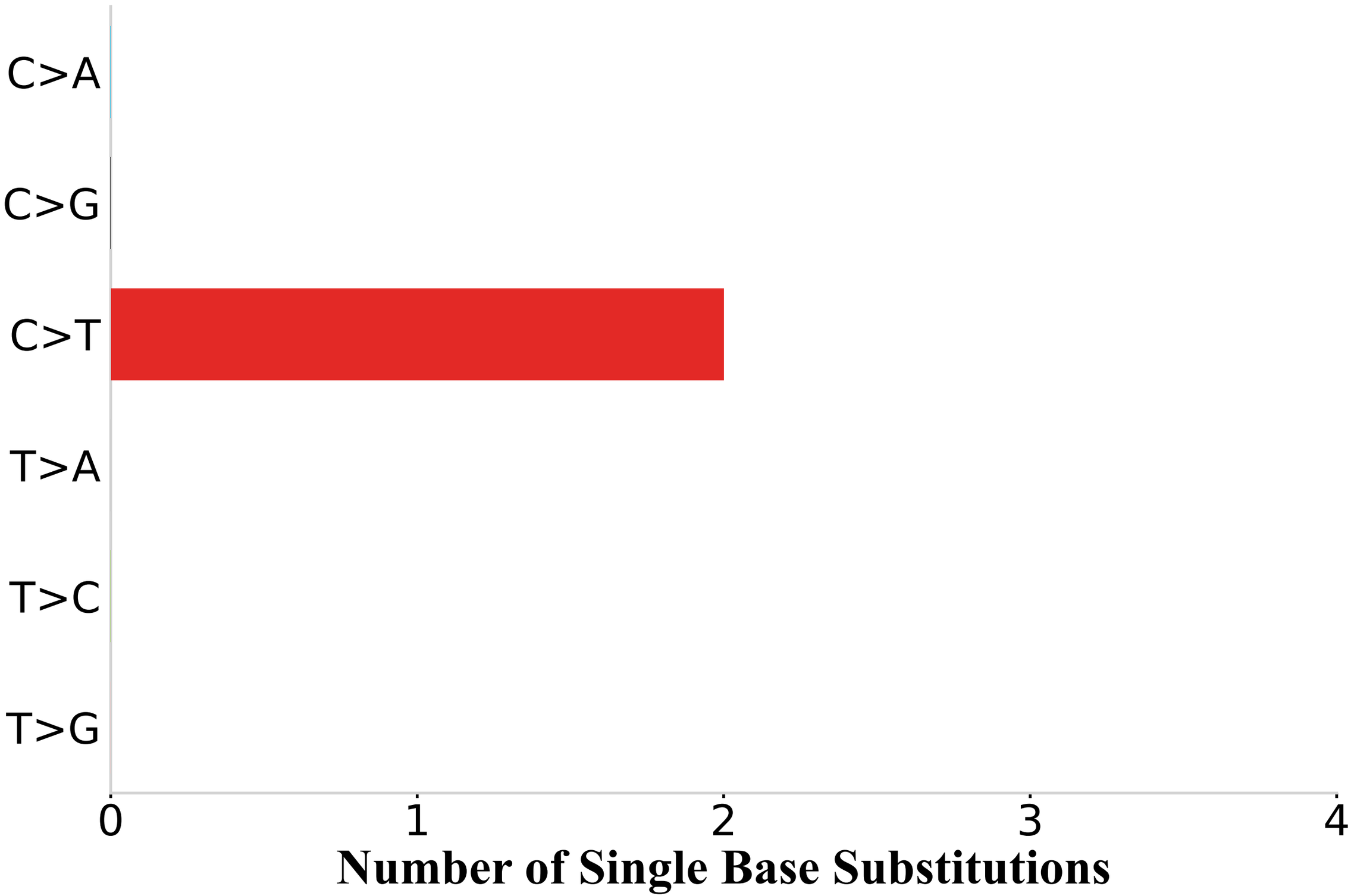


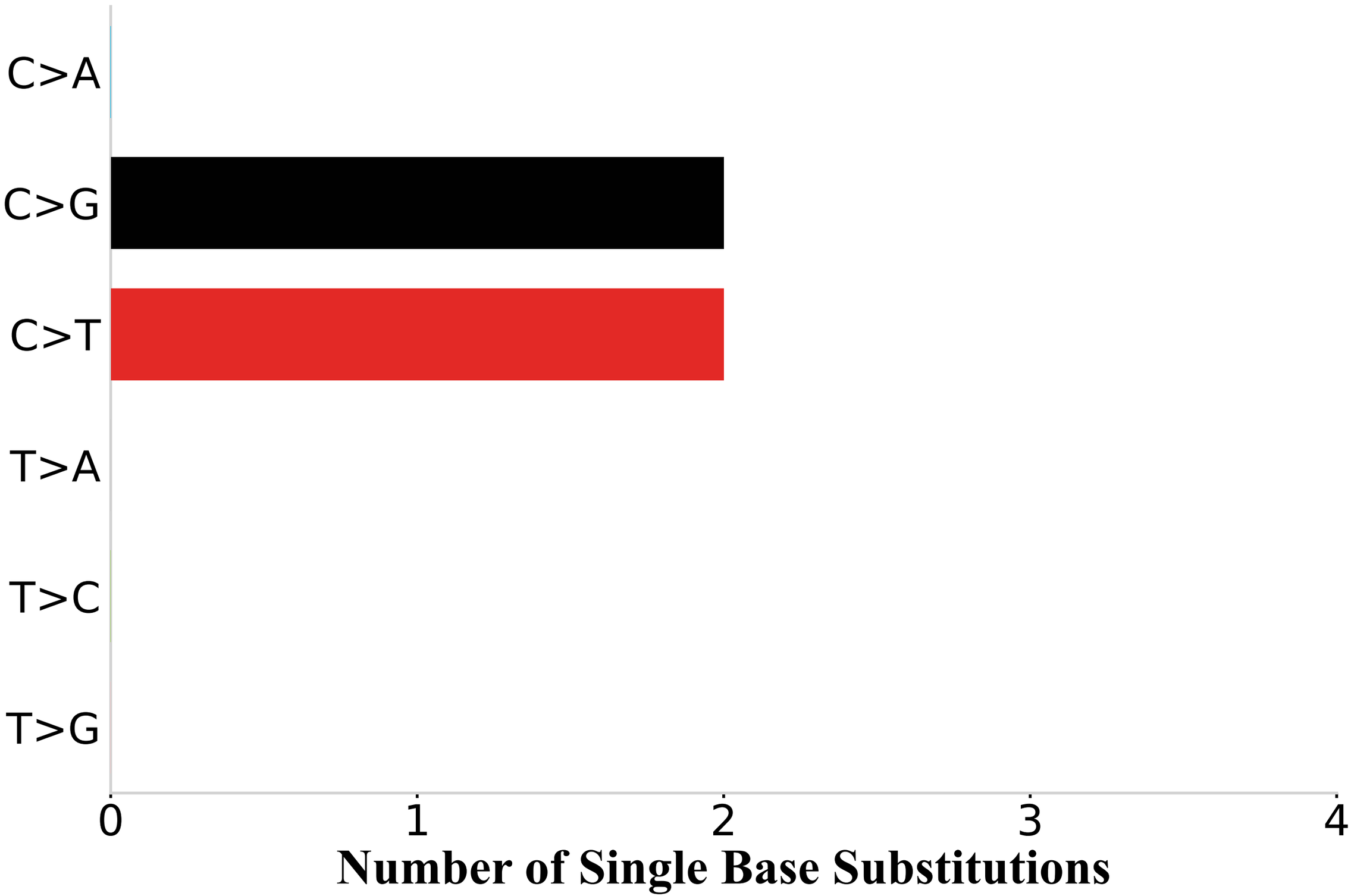
P-0017187-T01-IM6: 4 subs



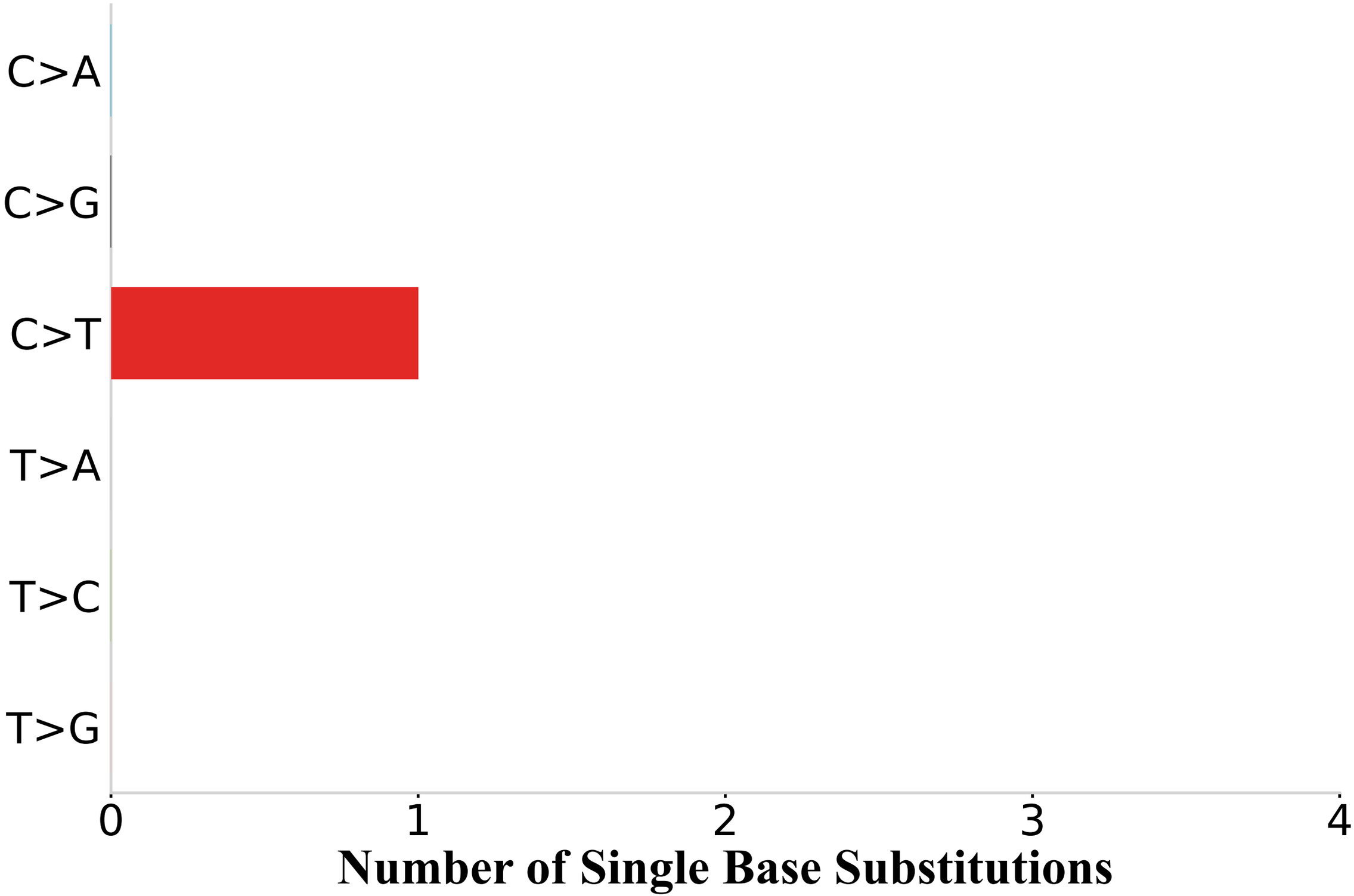
P-0017311-T01-IM6: 1 subs



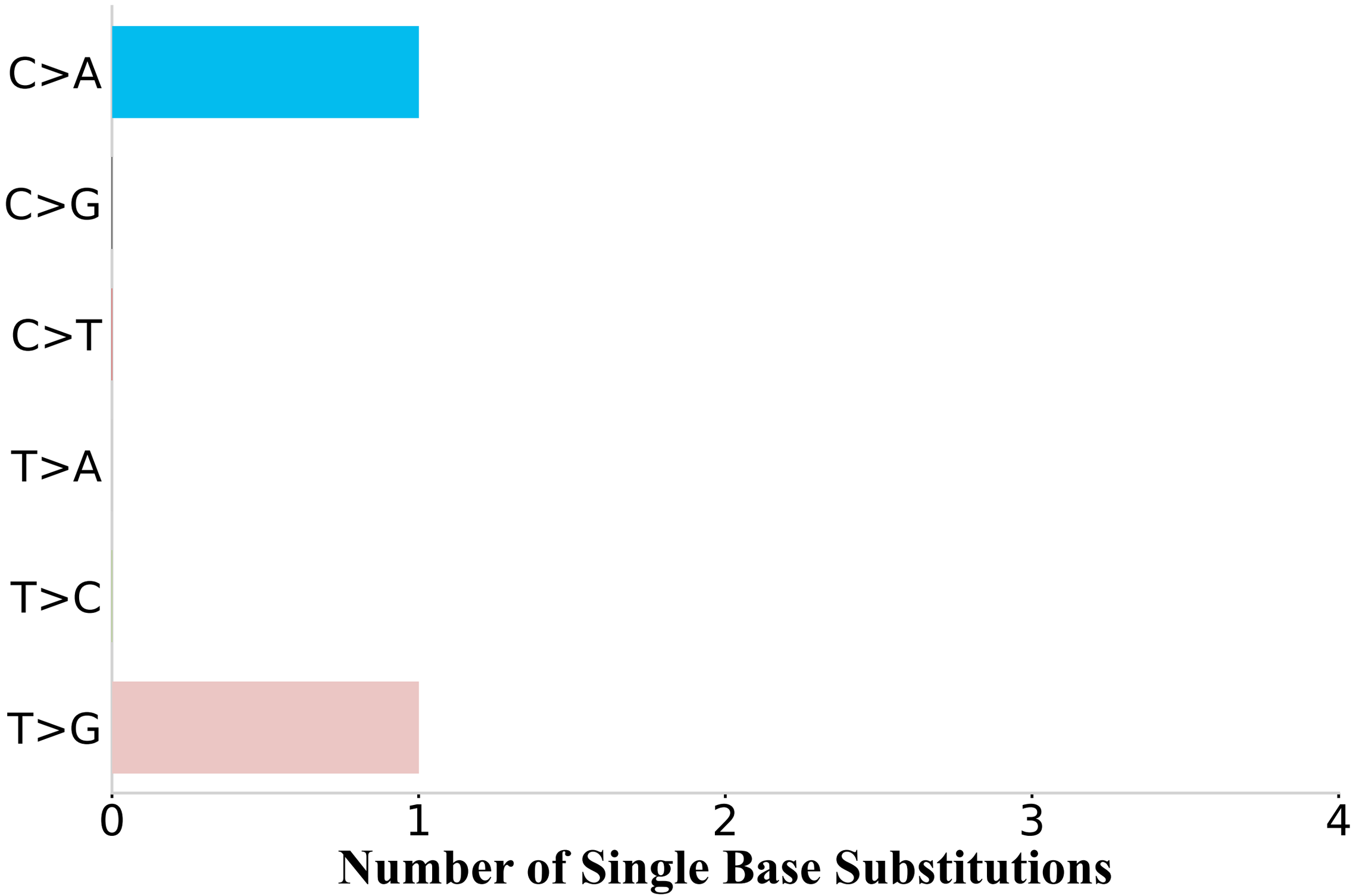

P-0017331-T01-IM6: 2 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

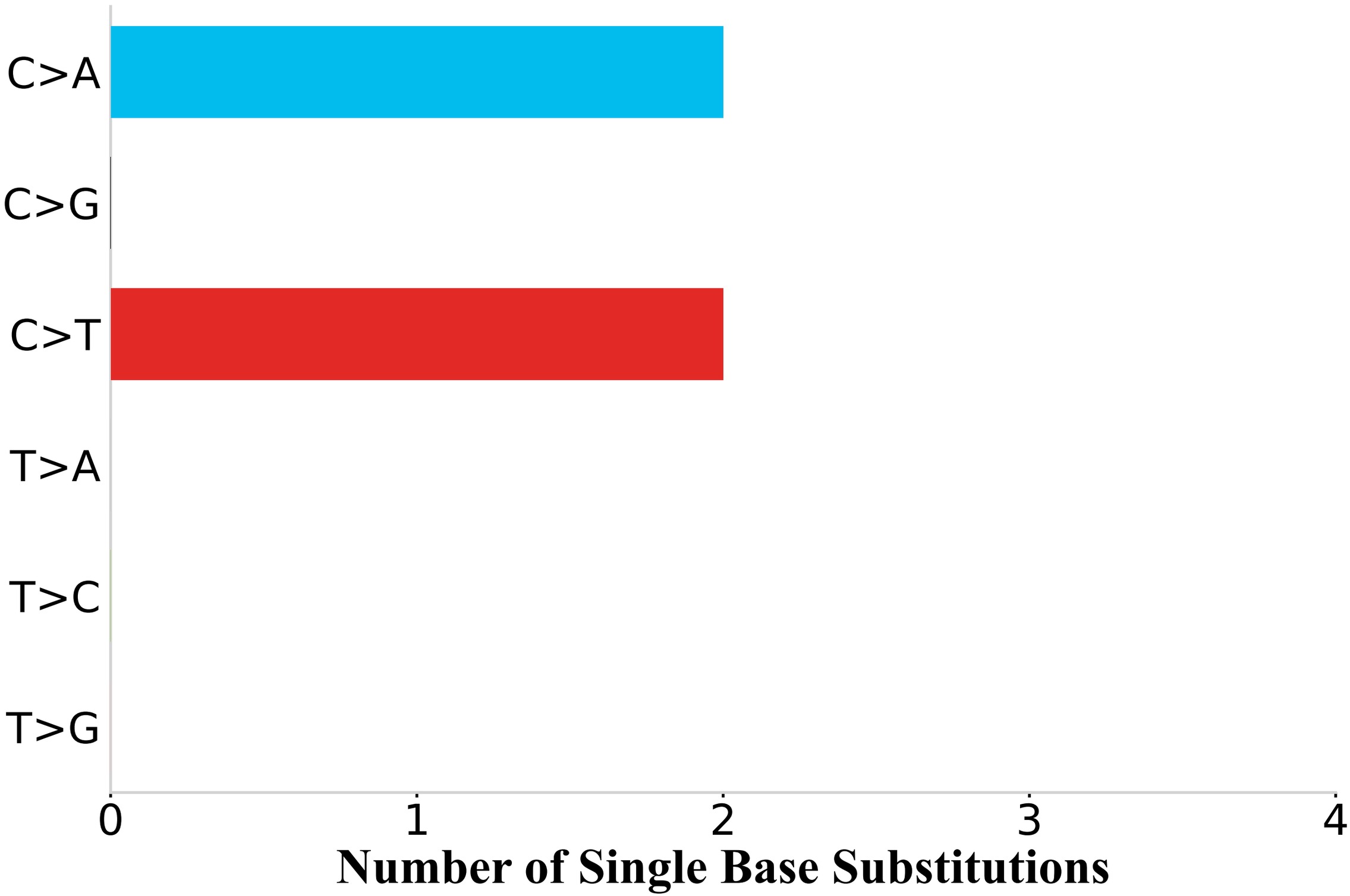

P-0017542-T01-IM5: 4 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

P-0017601-T01-IM5: 1 subs

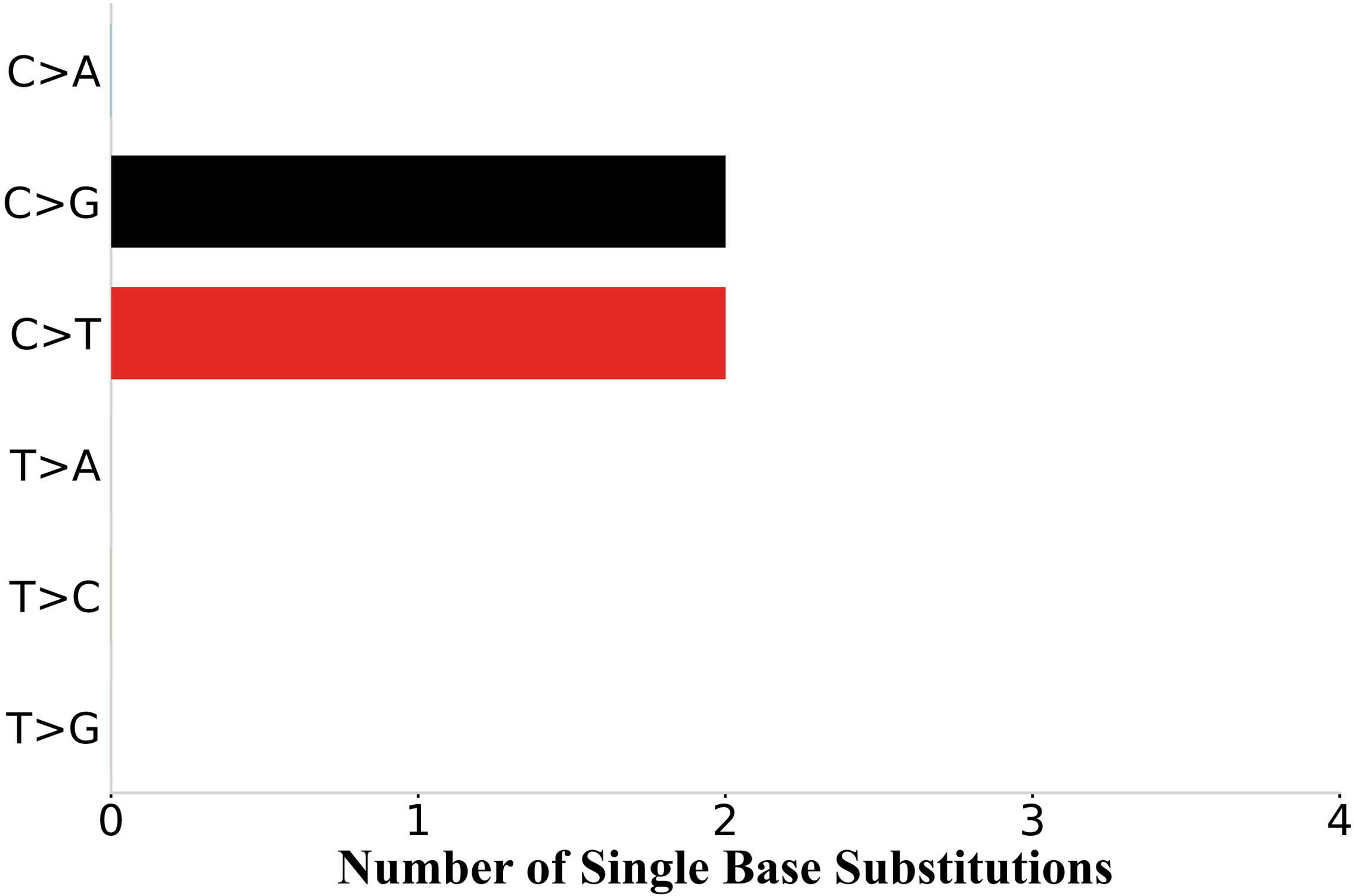


P-0017711-T01-IM6: 2 subs

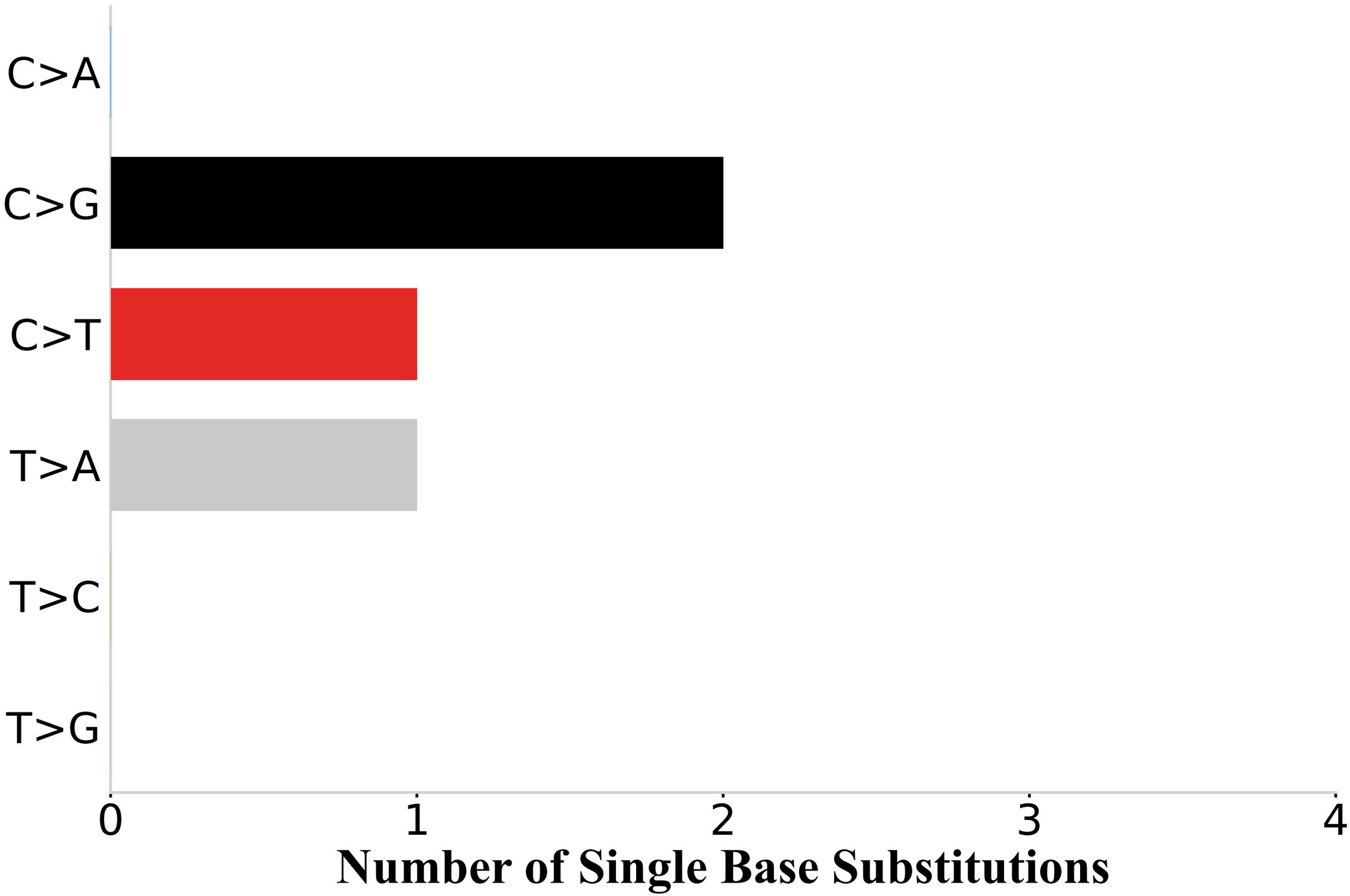


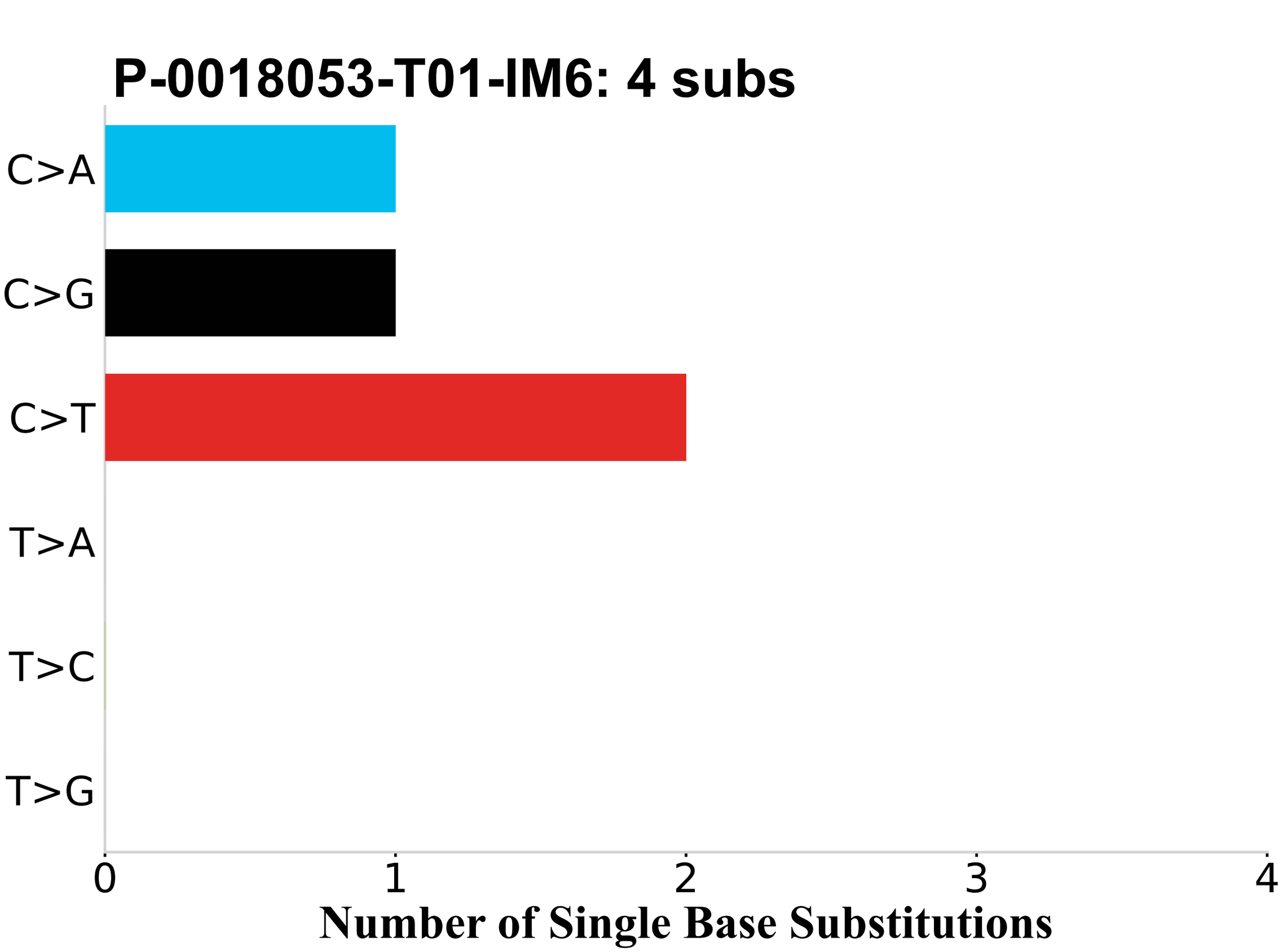

P-0017734-T01-IM6: 4 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

P-0017812-T01-IM6: 4 subs

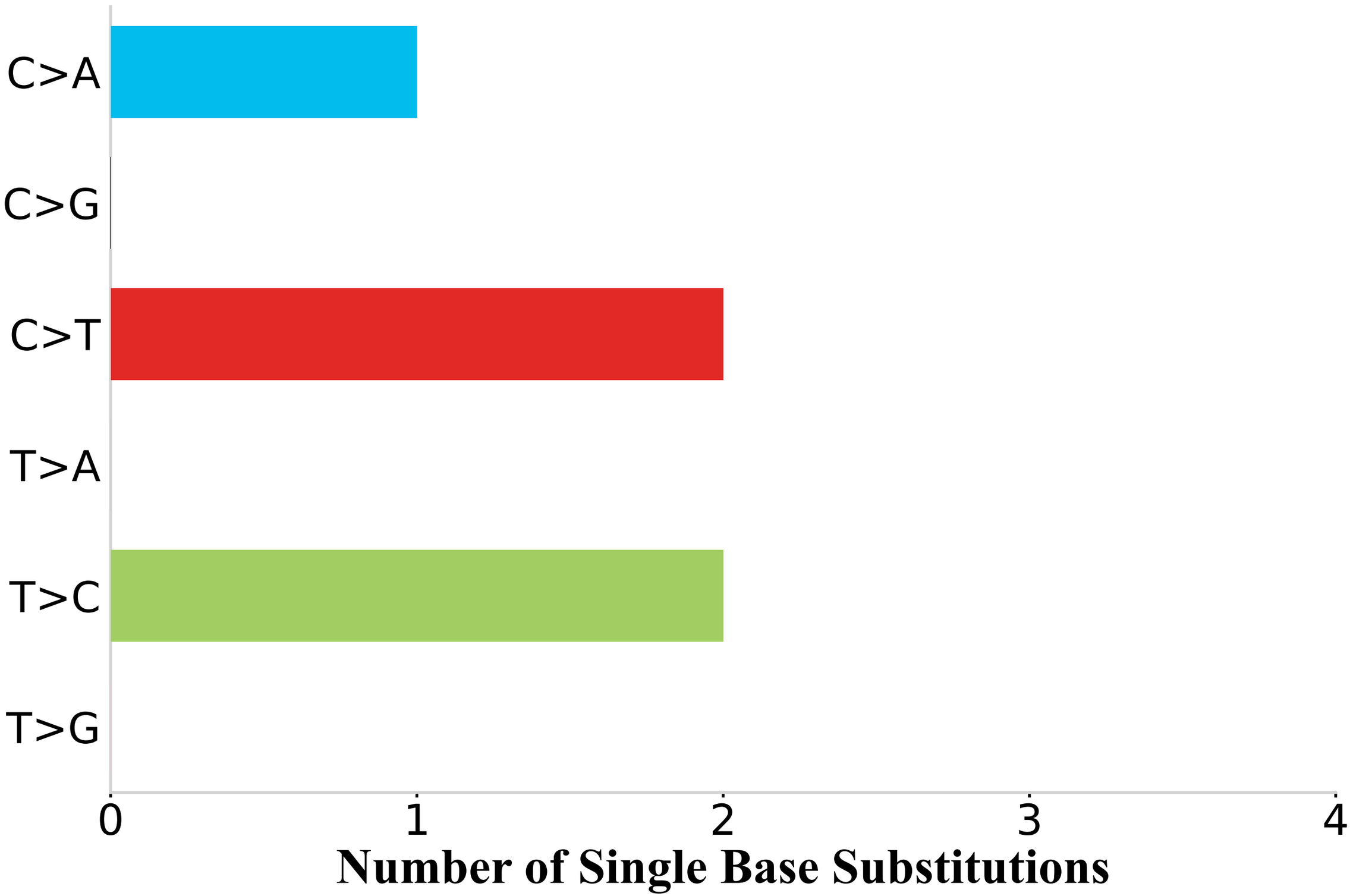


P-0017847-T01-IM6: 4 subs



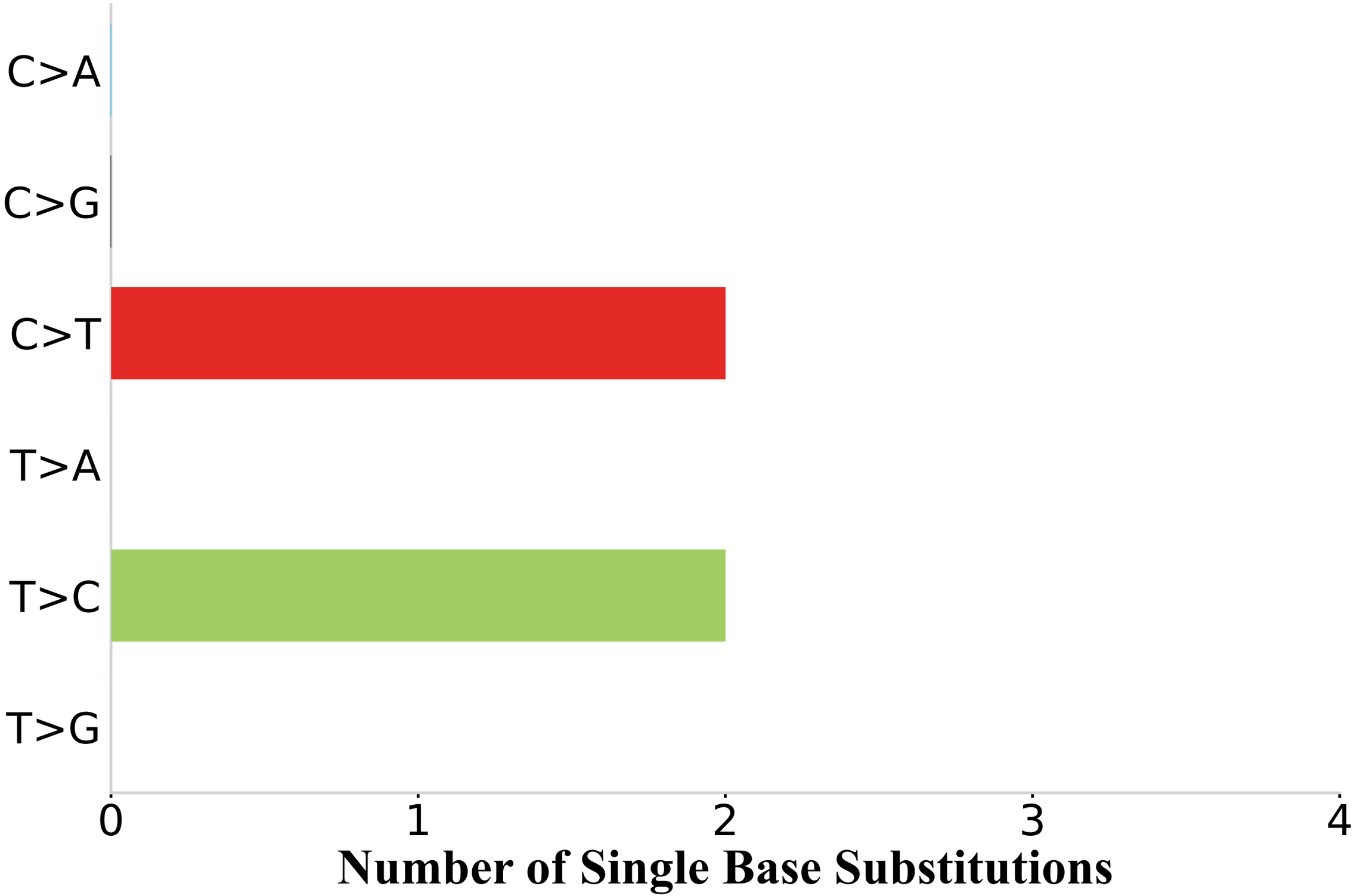

P-0018053-T01-IM6: 4 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

P-0018134-T01-IM6: 5 subs

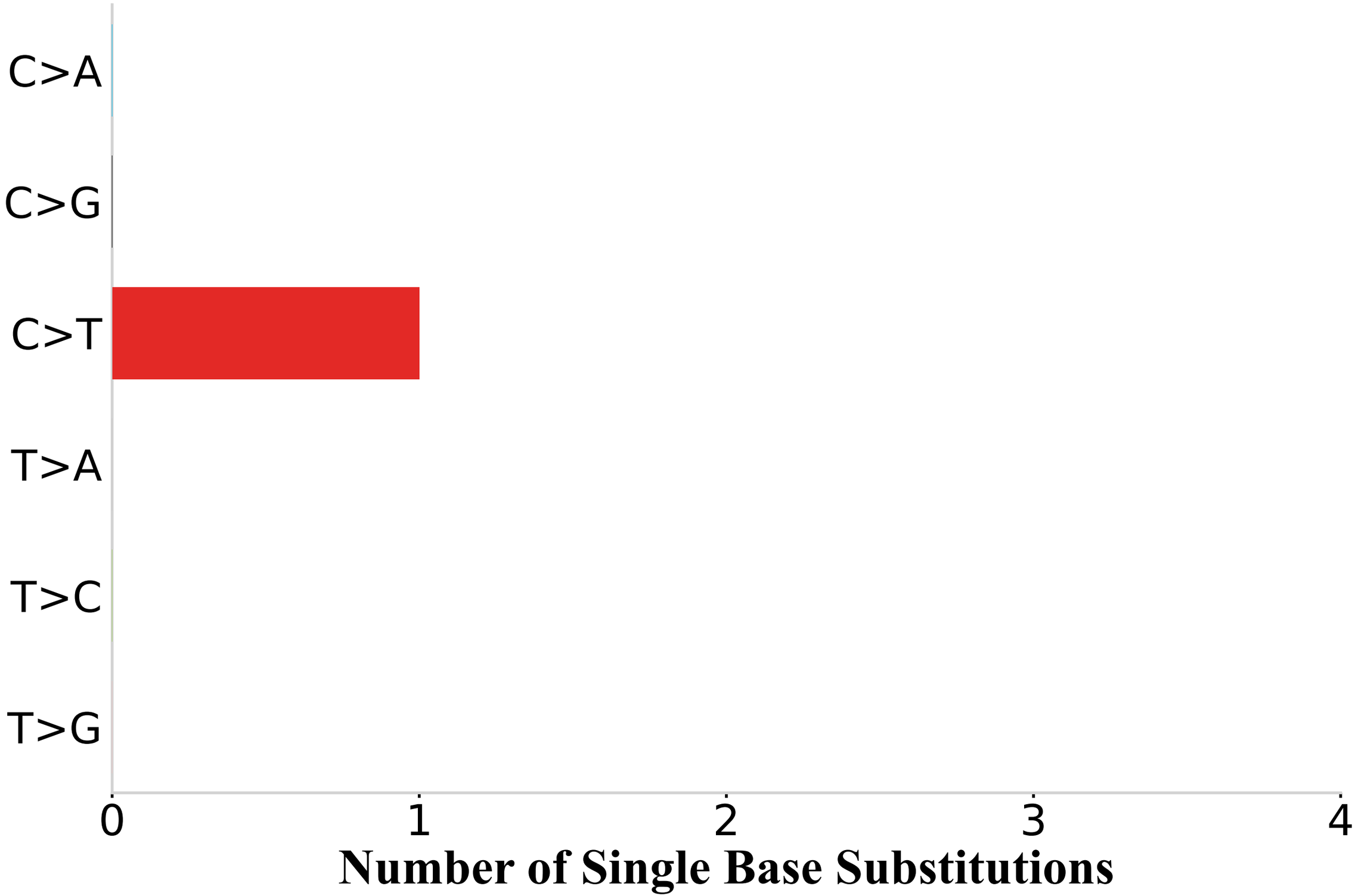


P-0018136-T01-IM6: 2 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

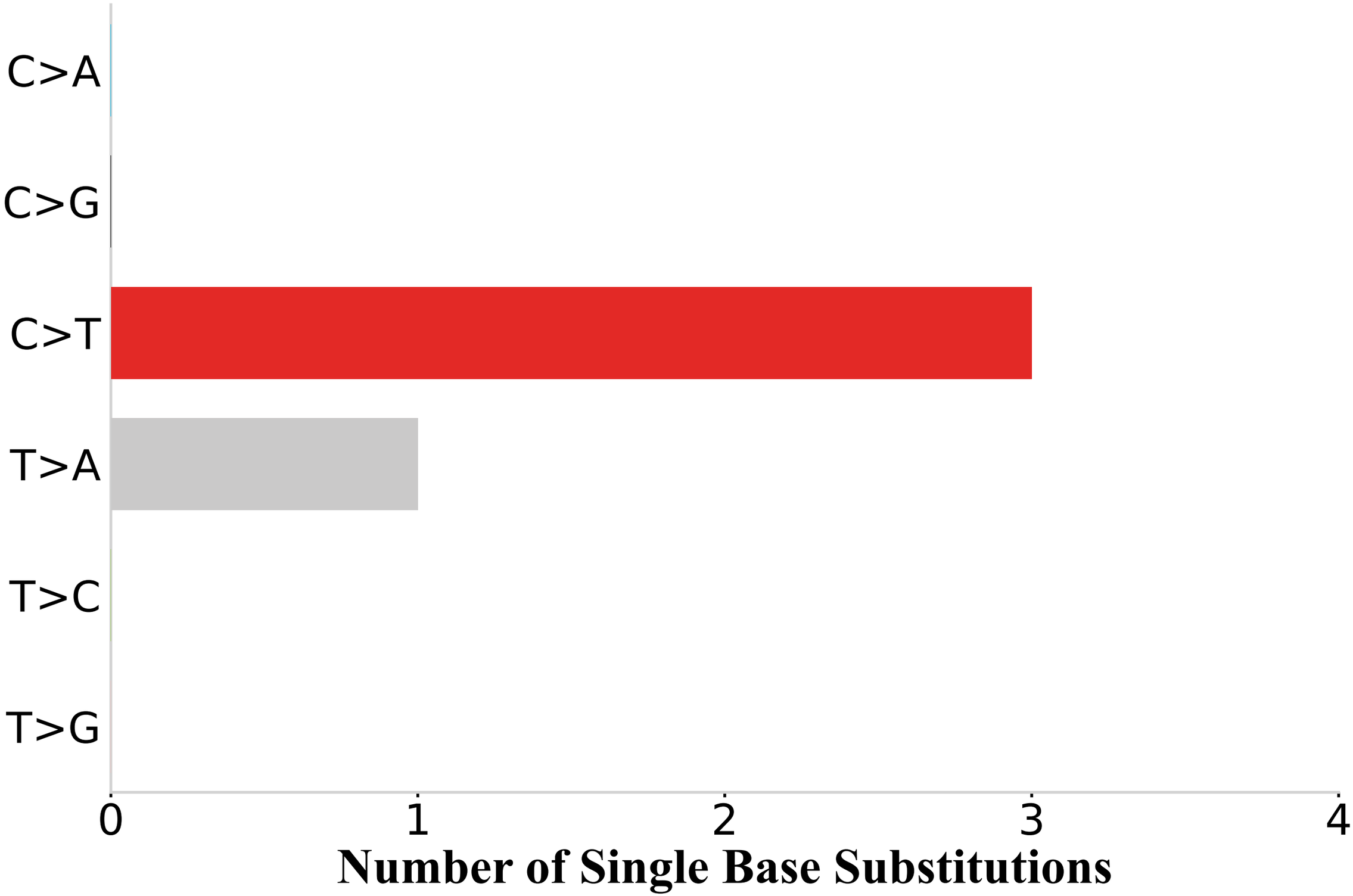
P-0018236-T01-IM6: 4 subs

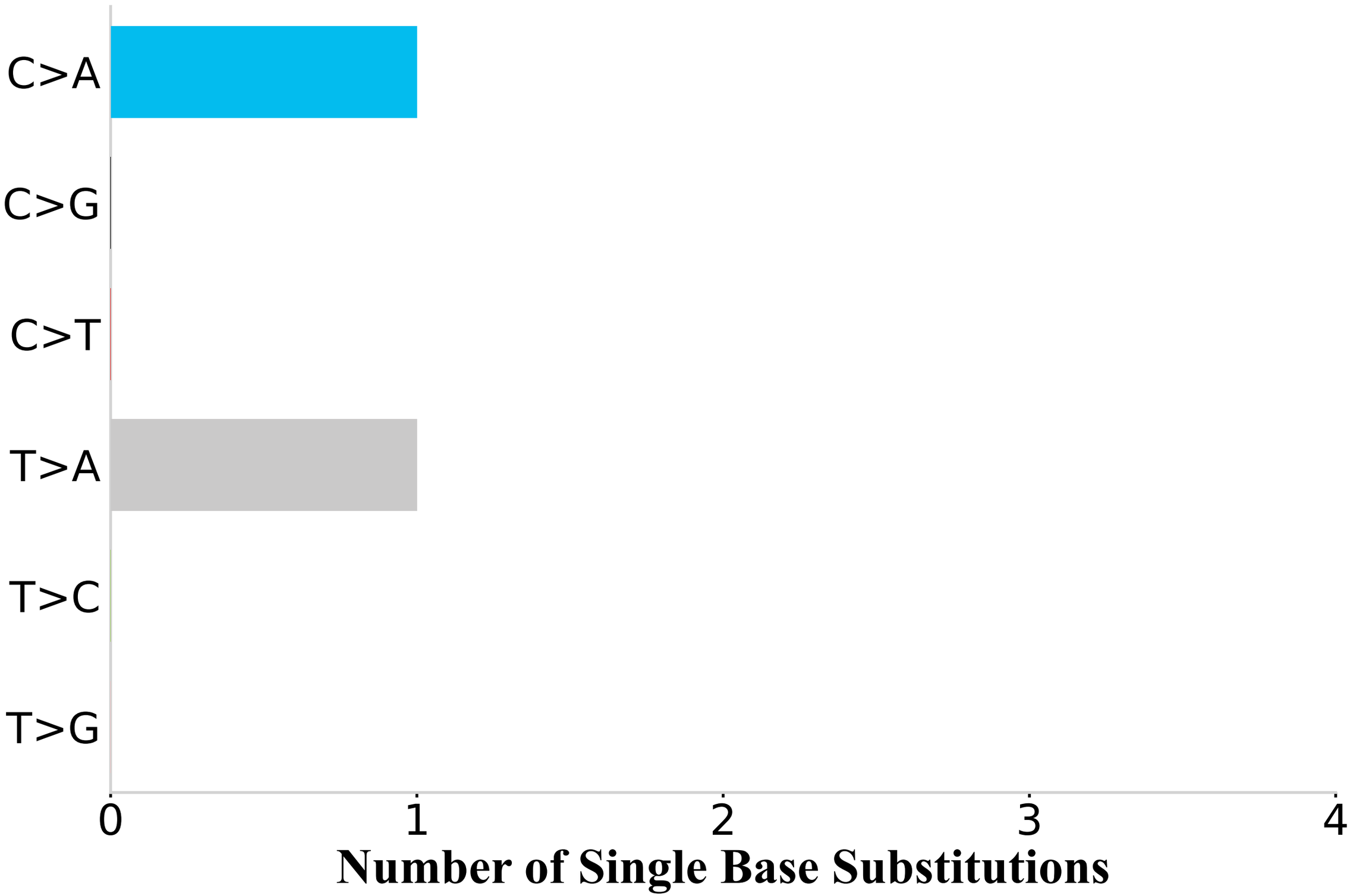


P-0018237-T01-IM6: 1 subs

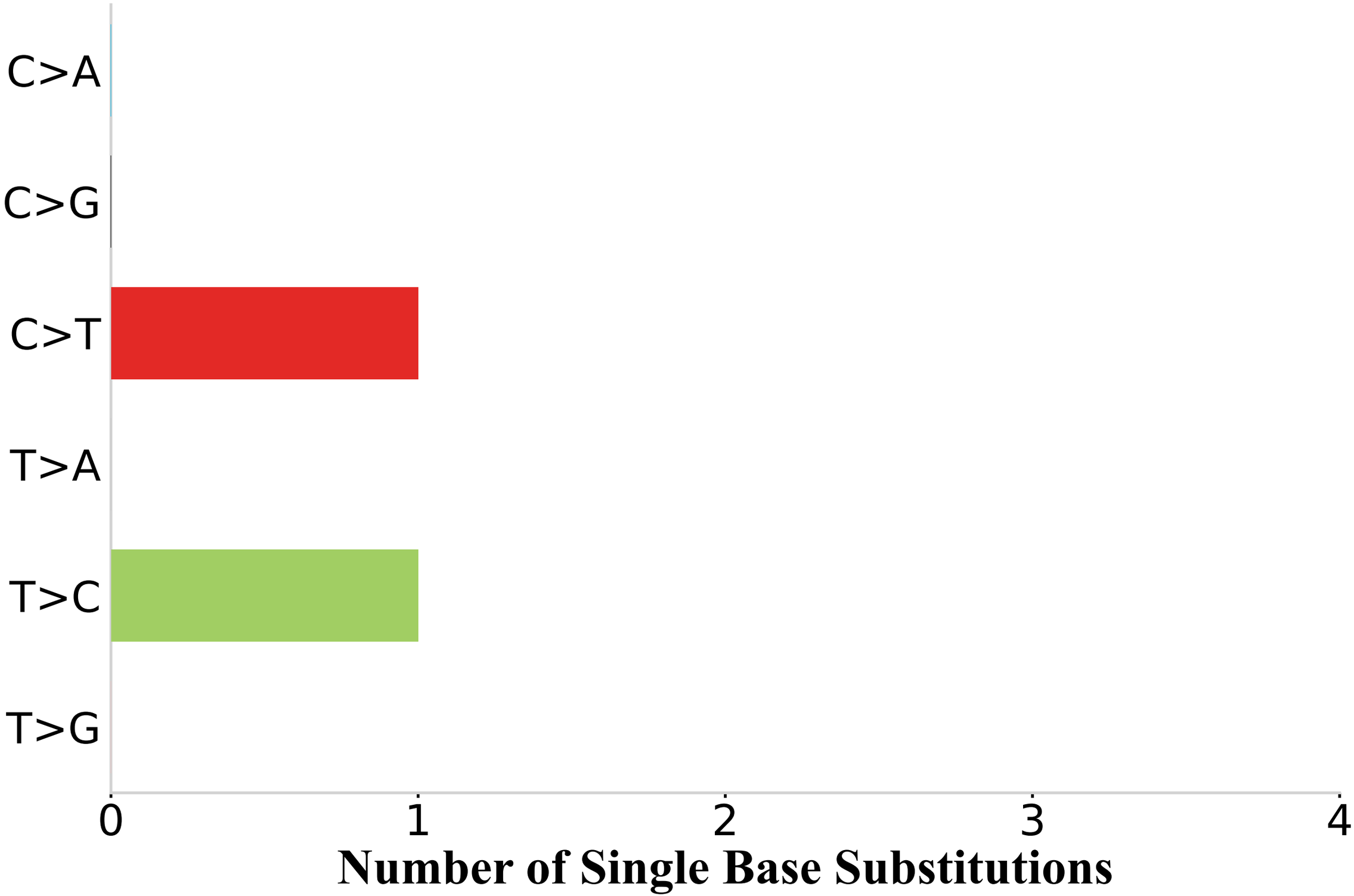


P-0018338-T01-IM6: 4 subs

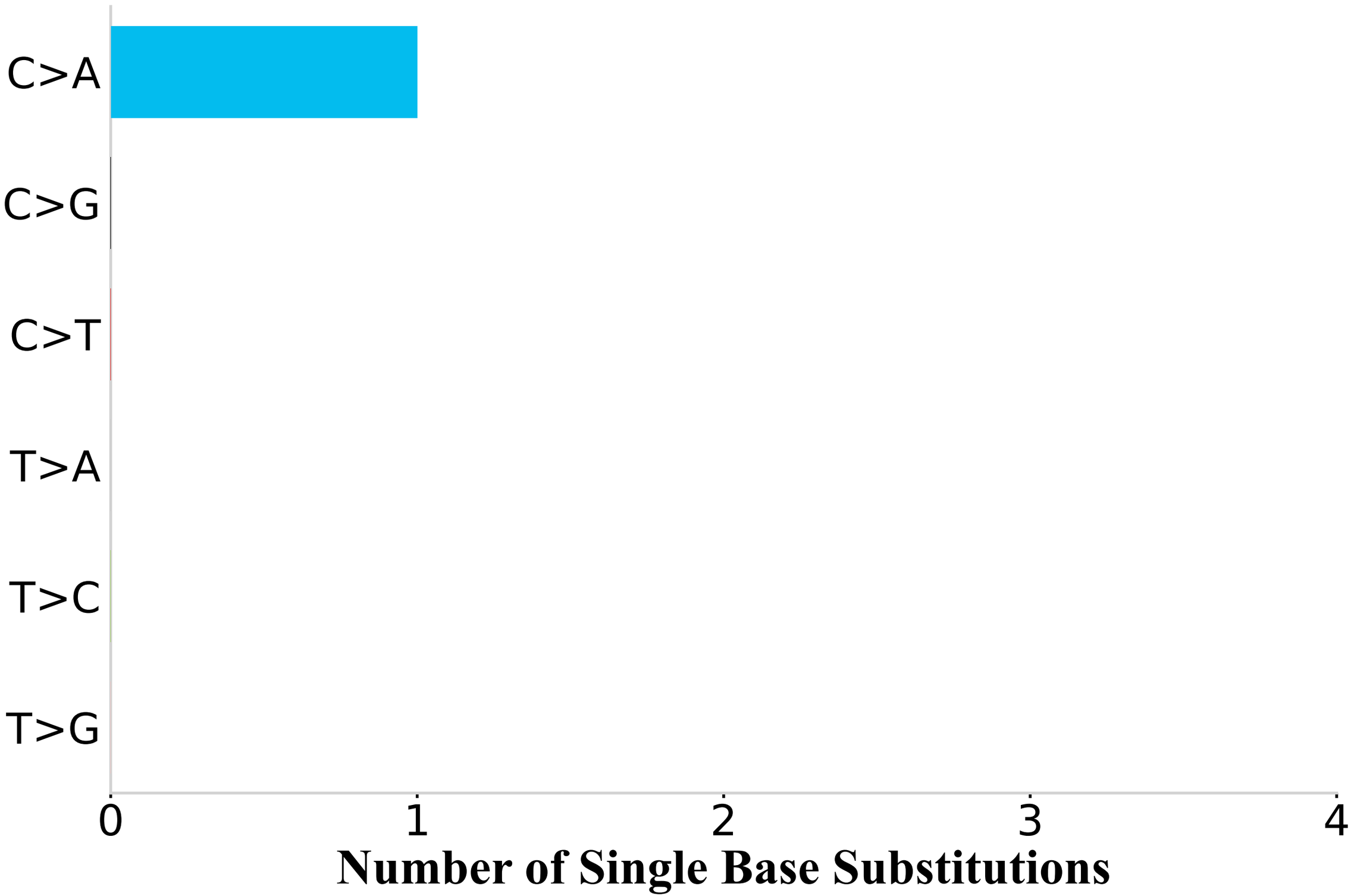


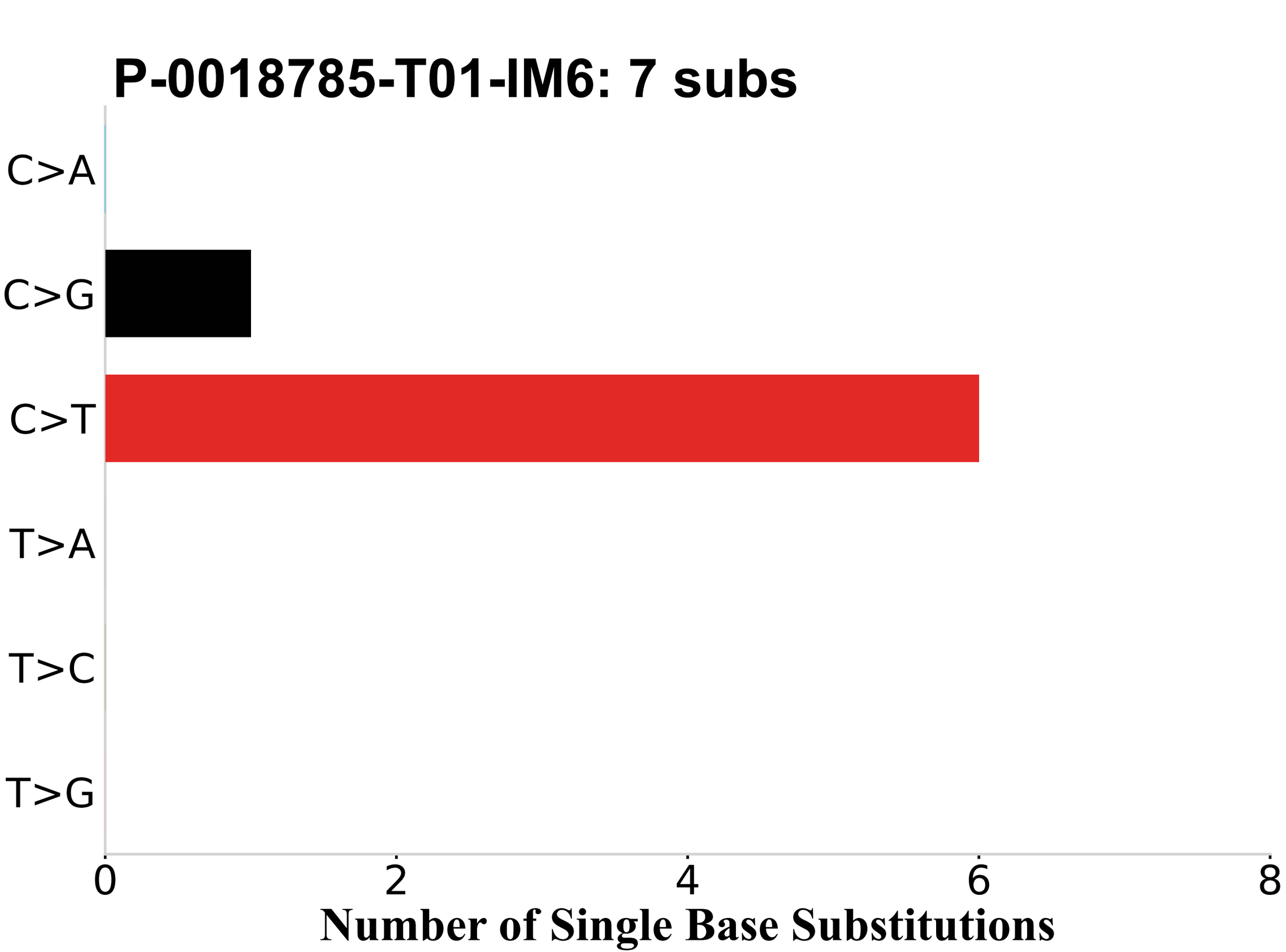

P-0018416-T01-IM6: 2 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

P-0018447-T01-IM6: 2 subs

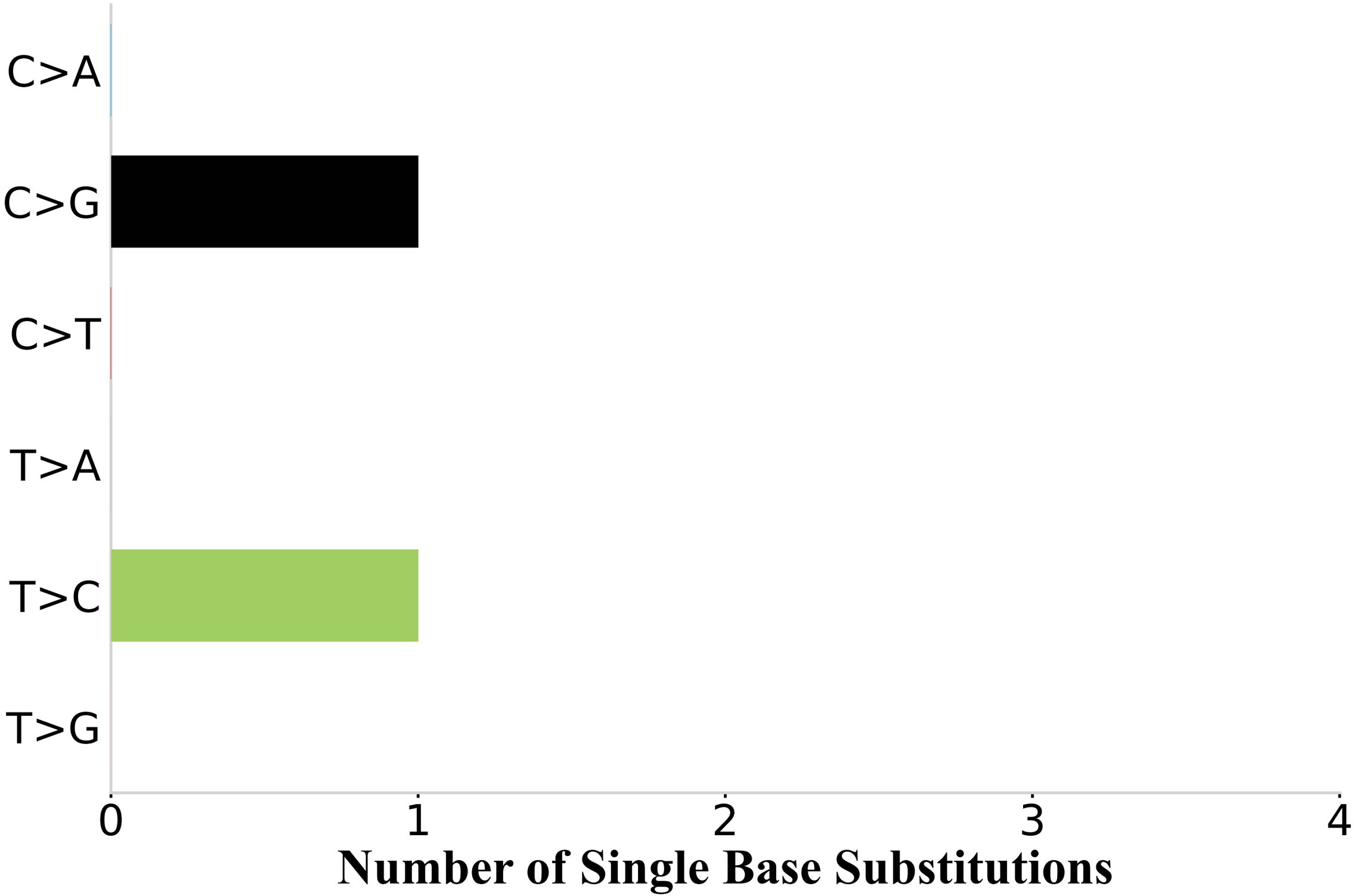


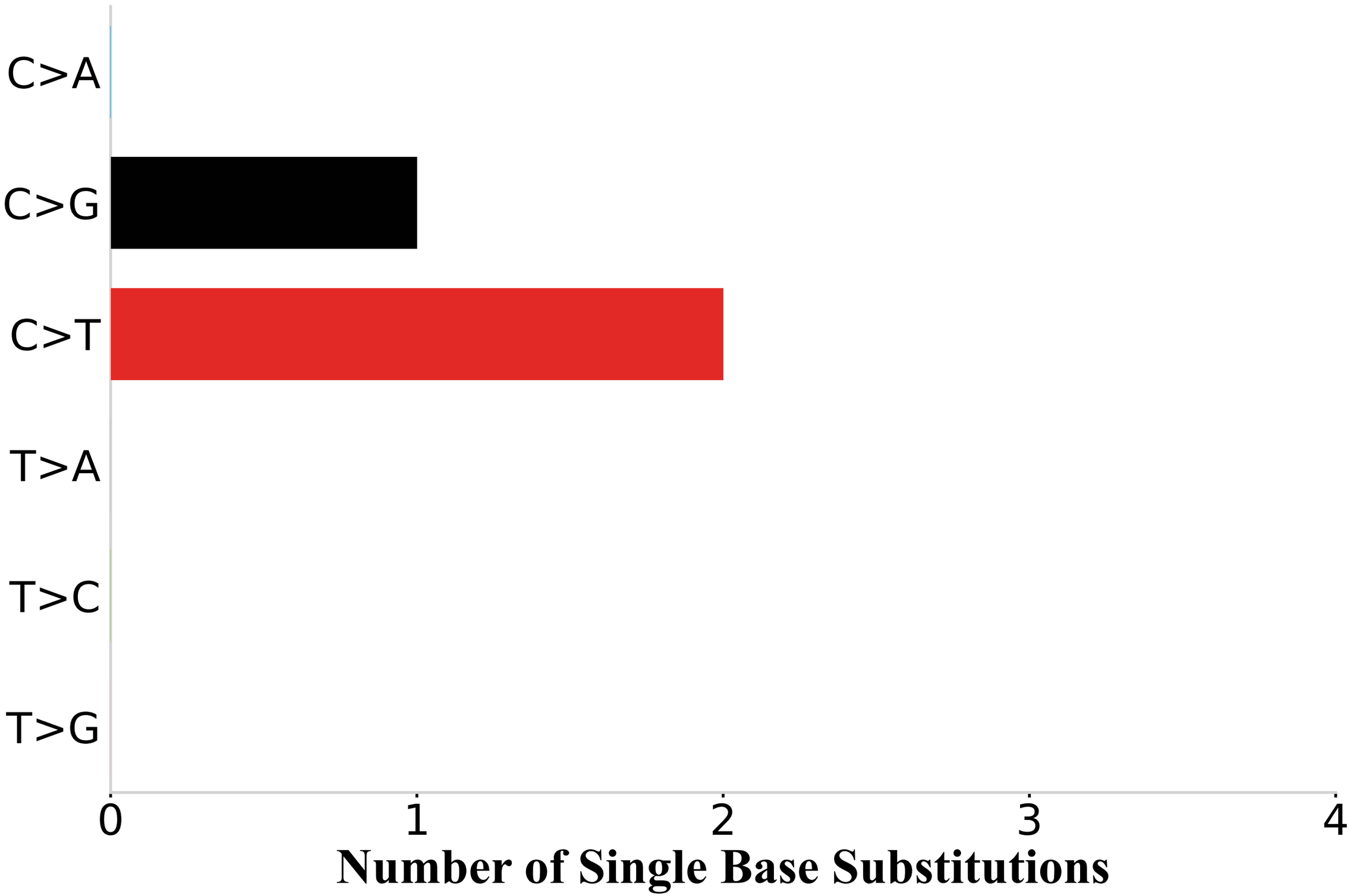
P-0018662-T01-IM6: 1 subs

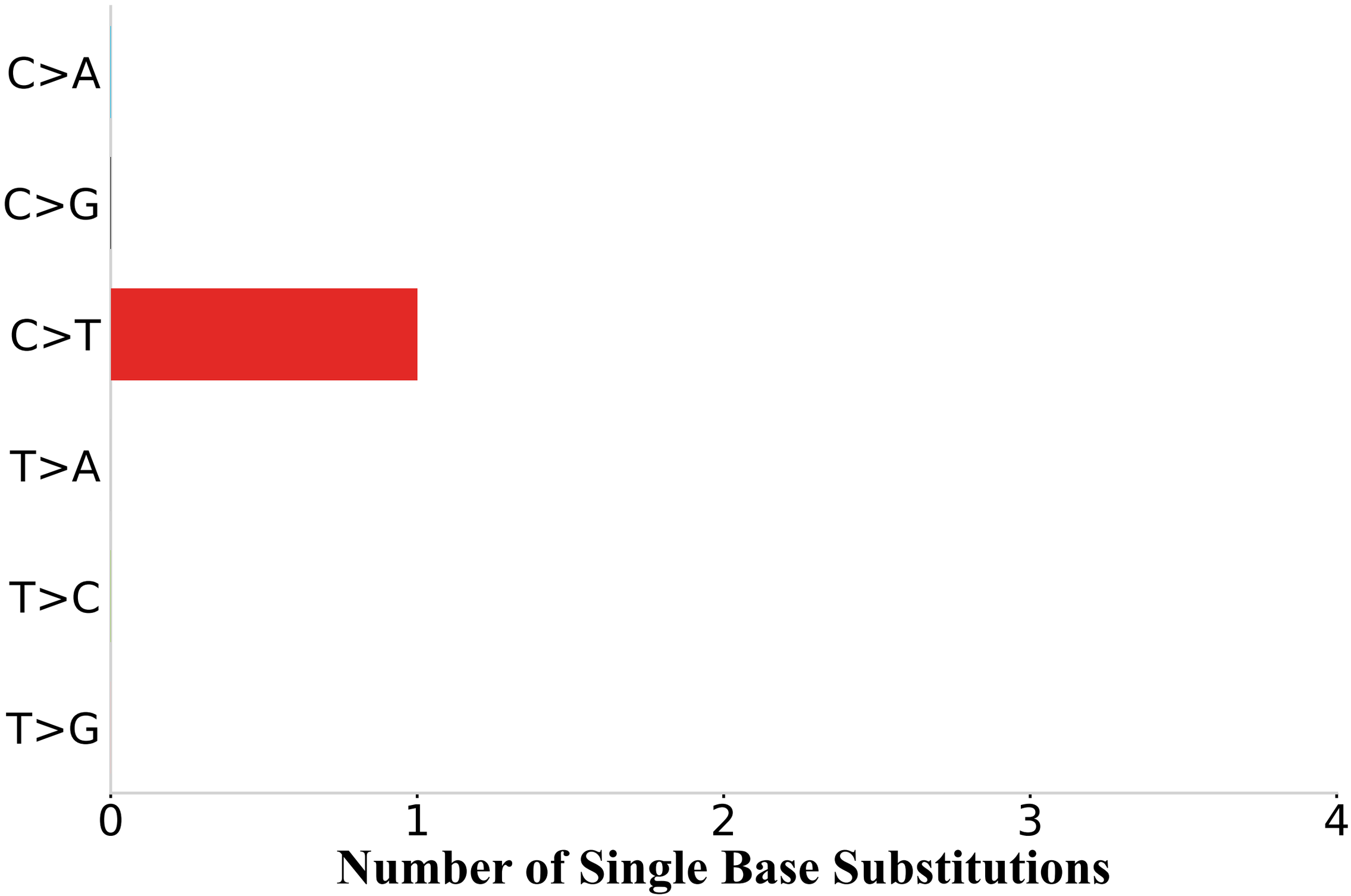



P-0018785-T01-IM6: 7 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
2
4
6
8
Number of Single Base Substitutions

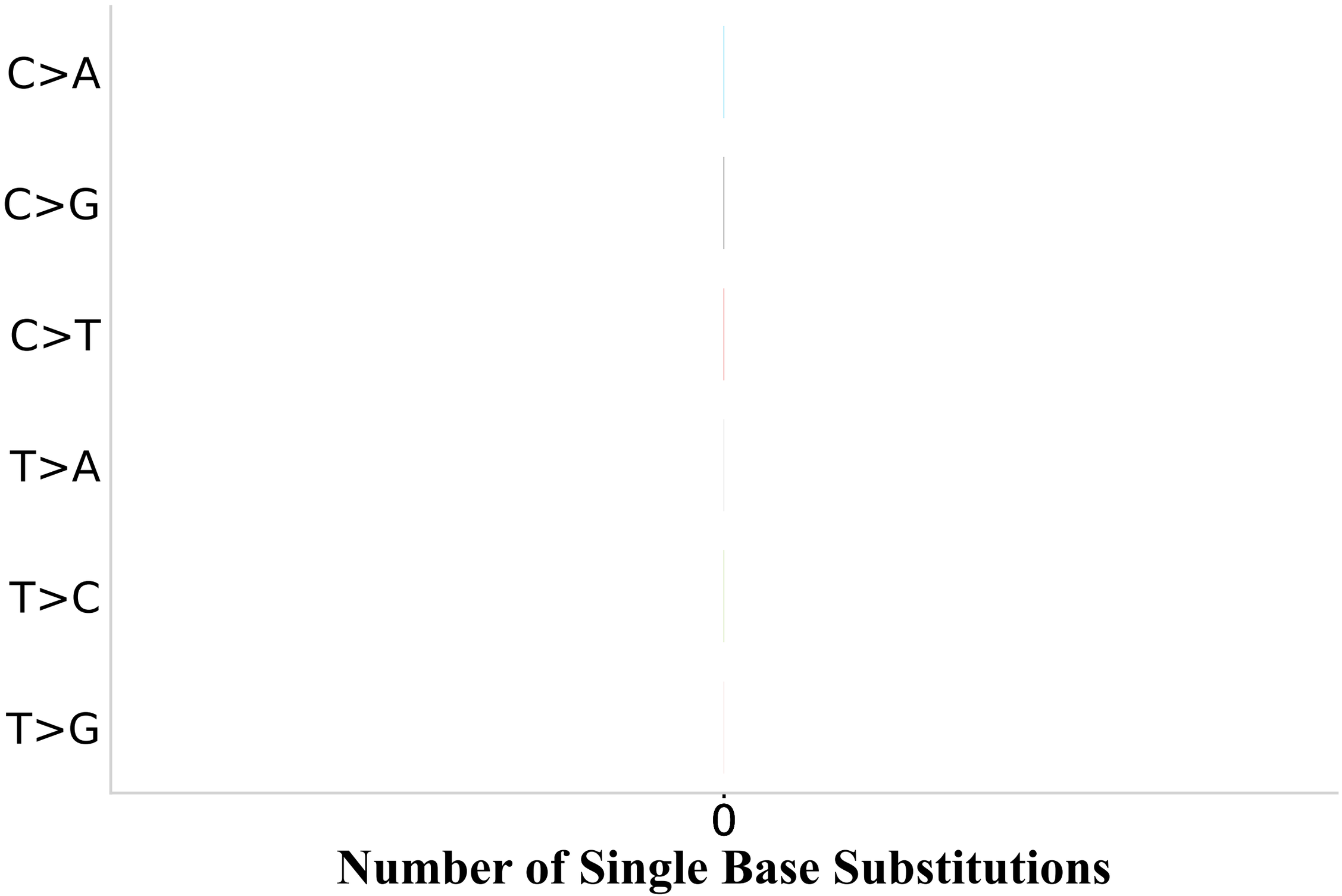
P-0018896-T01-IM6: 2 subs

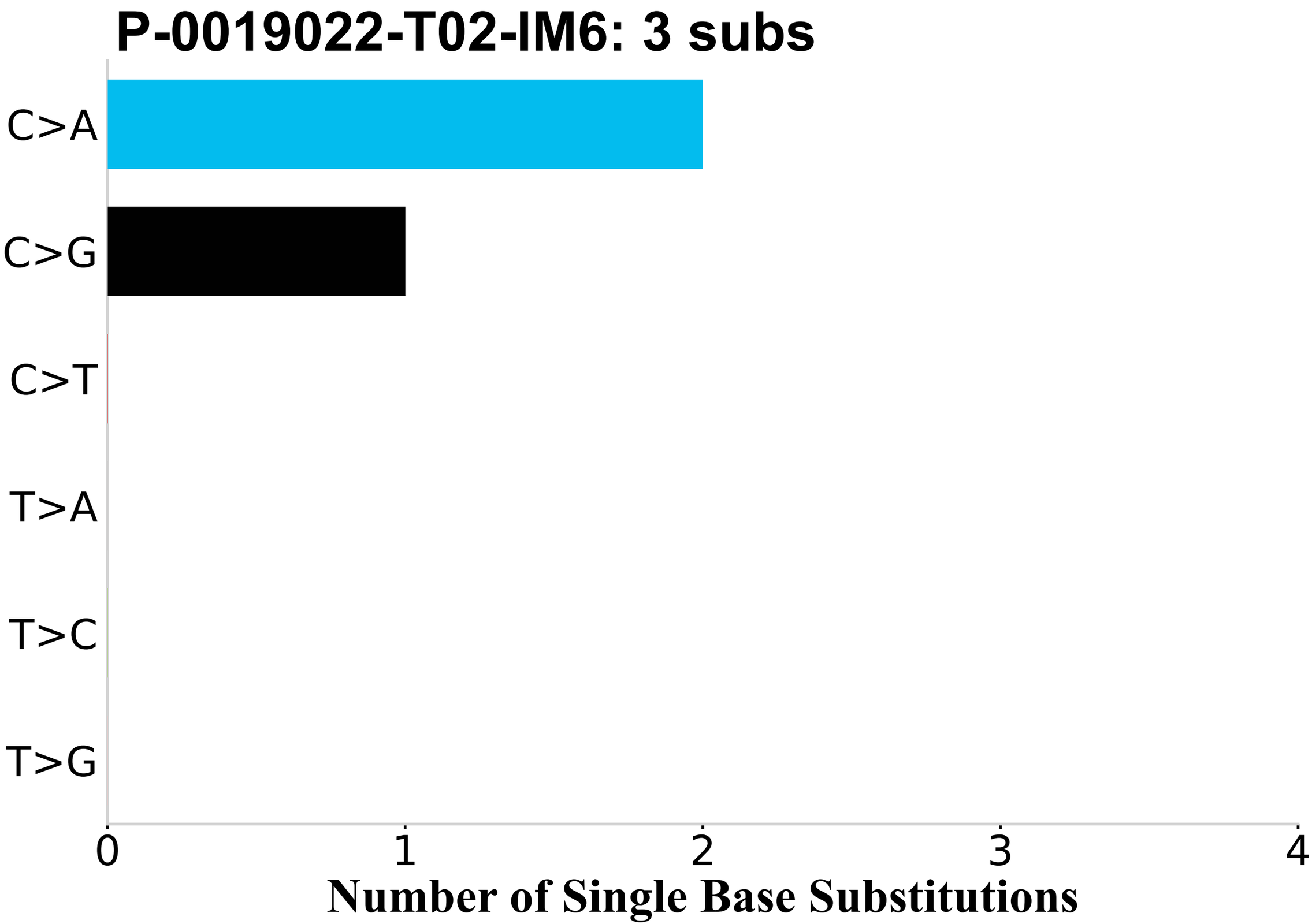


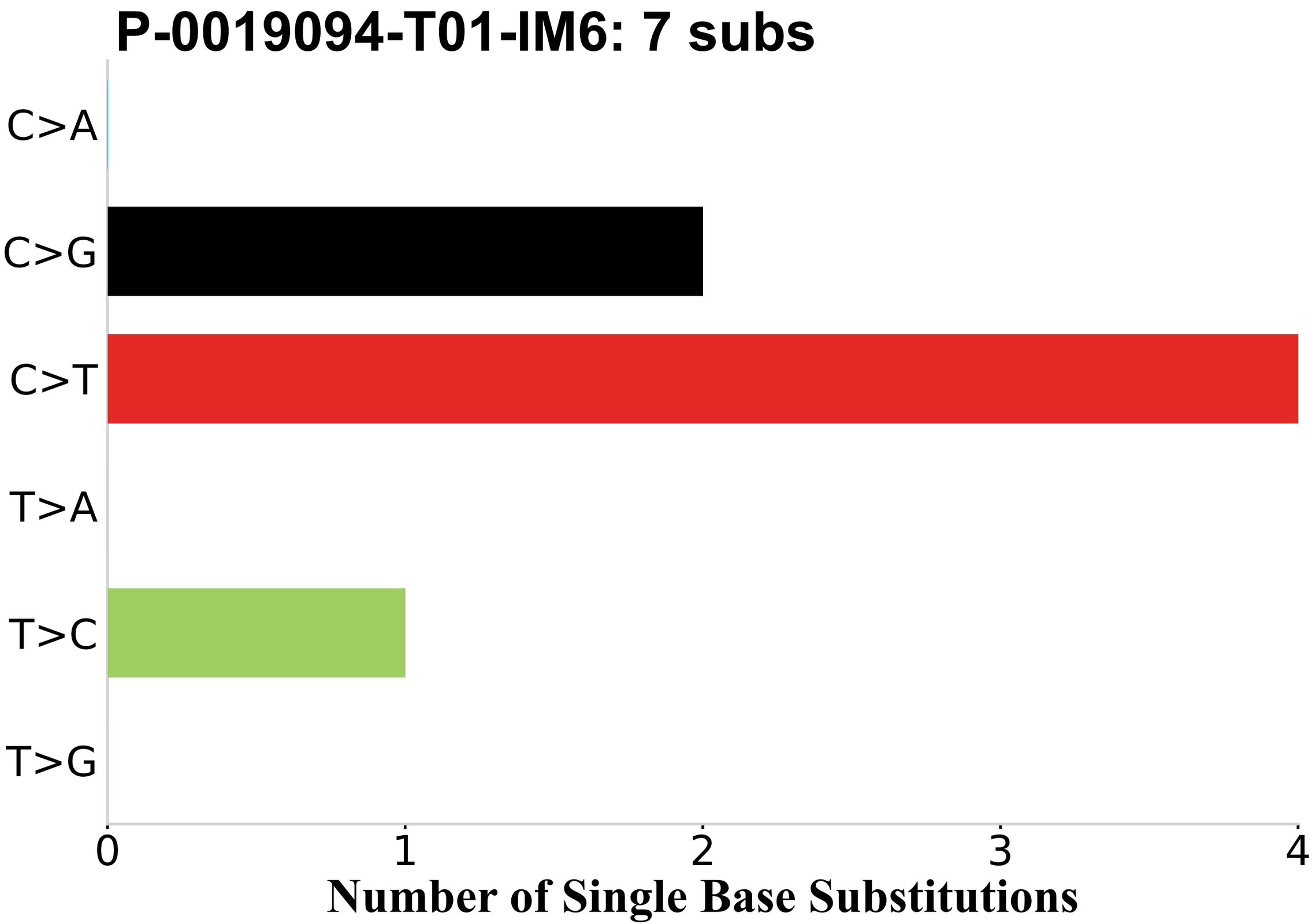

P-0018977-T01-IM6: 3 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

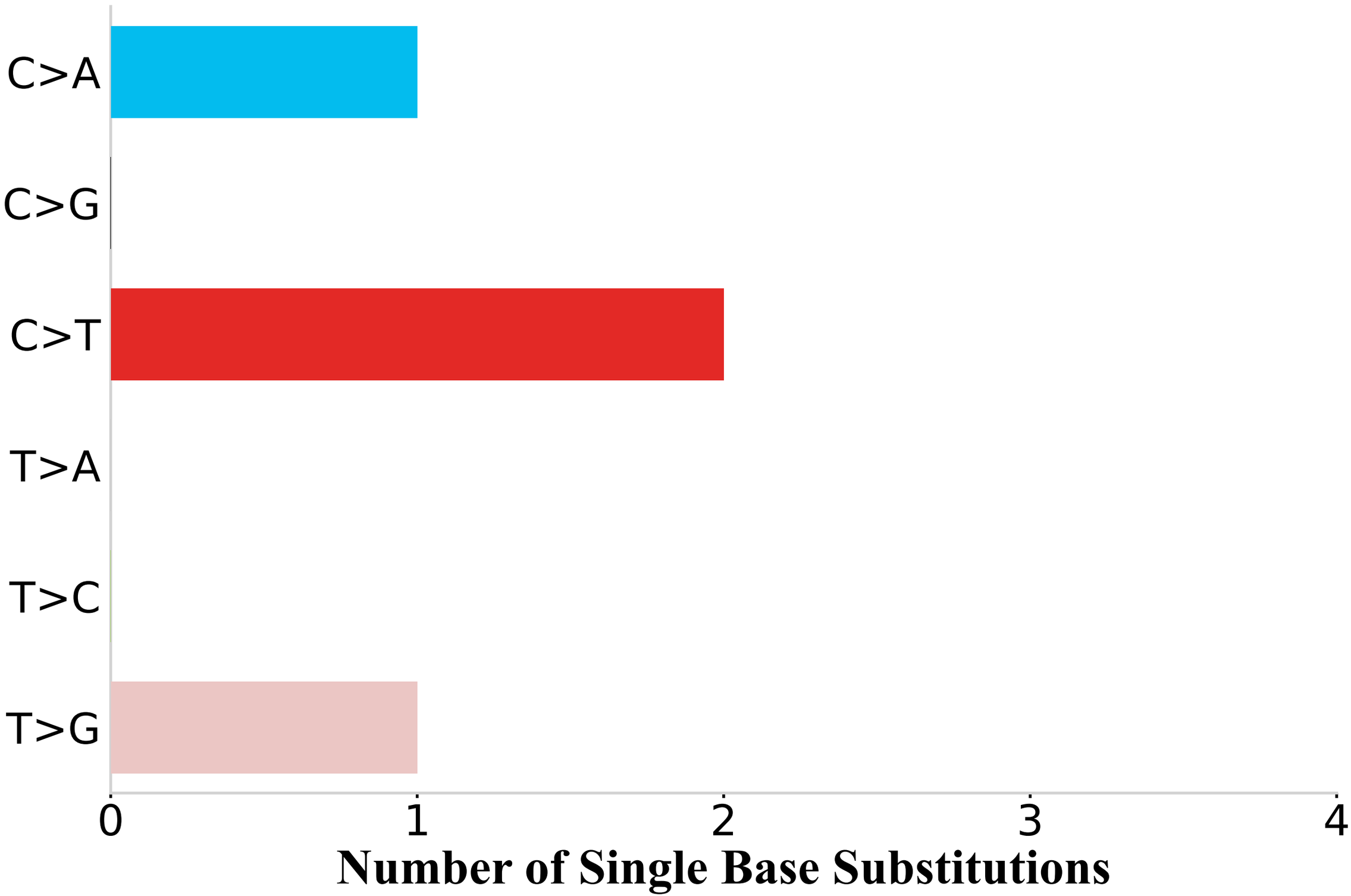

P-0018987-T01-IM6: 1 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

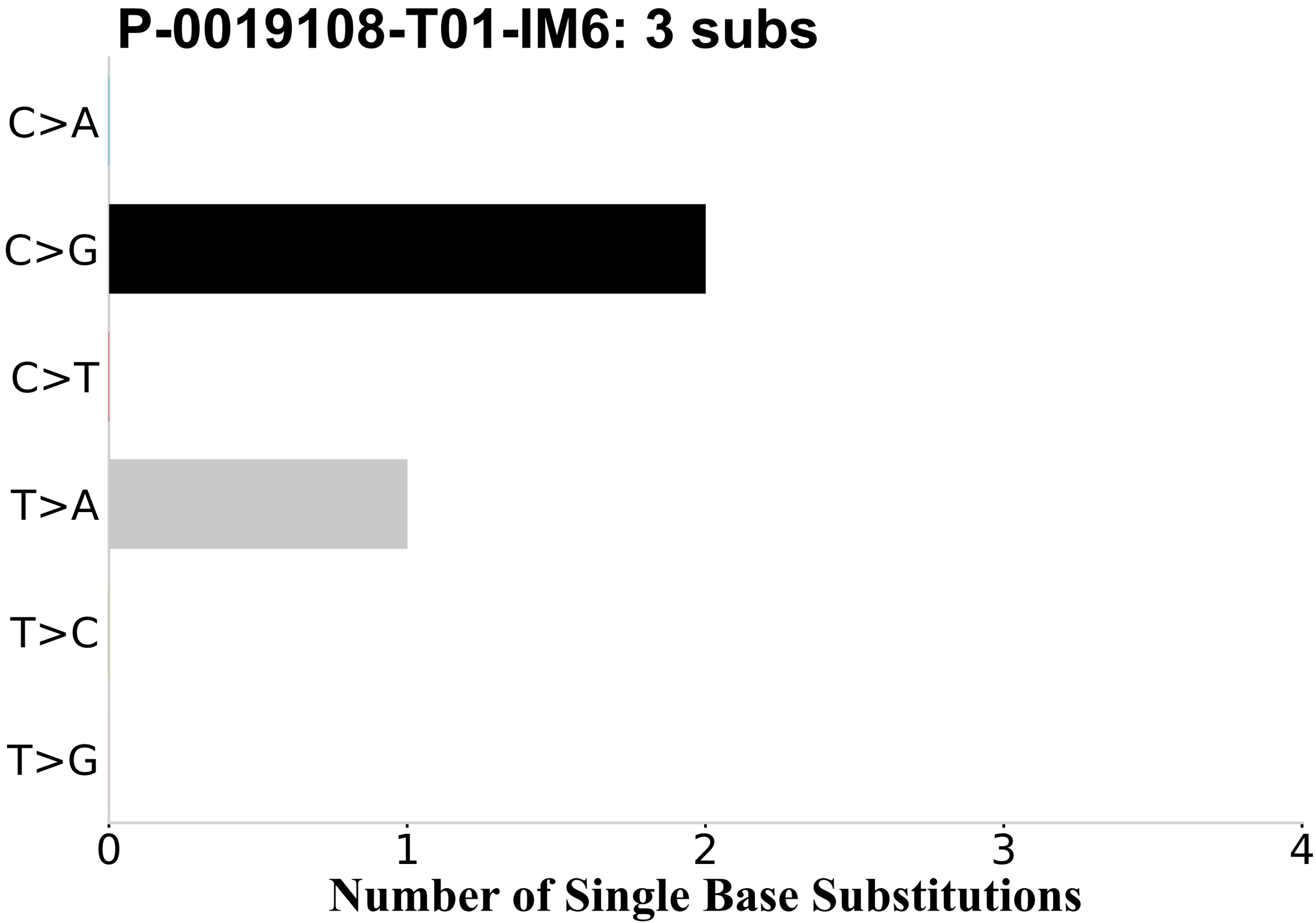
P-0018998-T01-IM6: 0 subs




P-0019022-T02-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-0019094-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-0019097-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-0019108-T01-IM6: 3 subs
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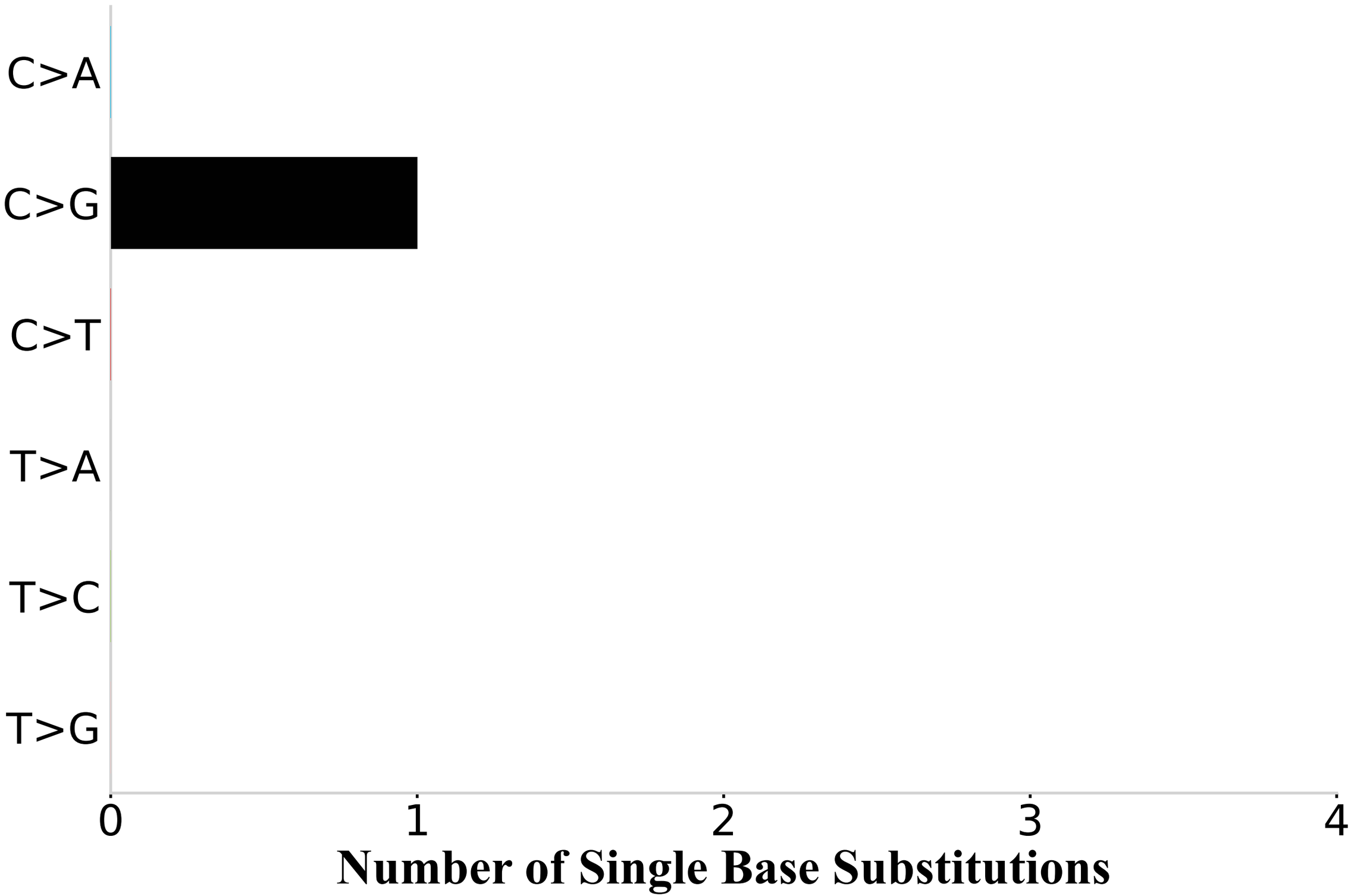
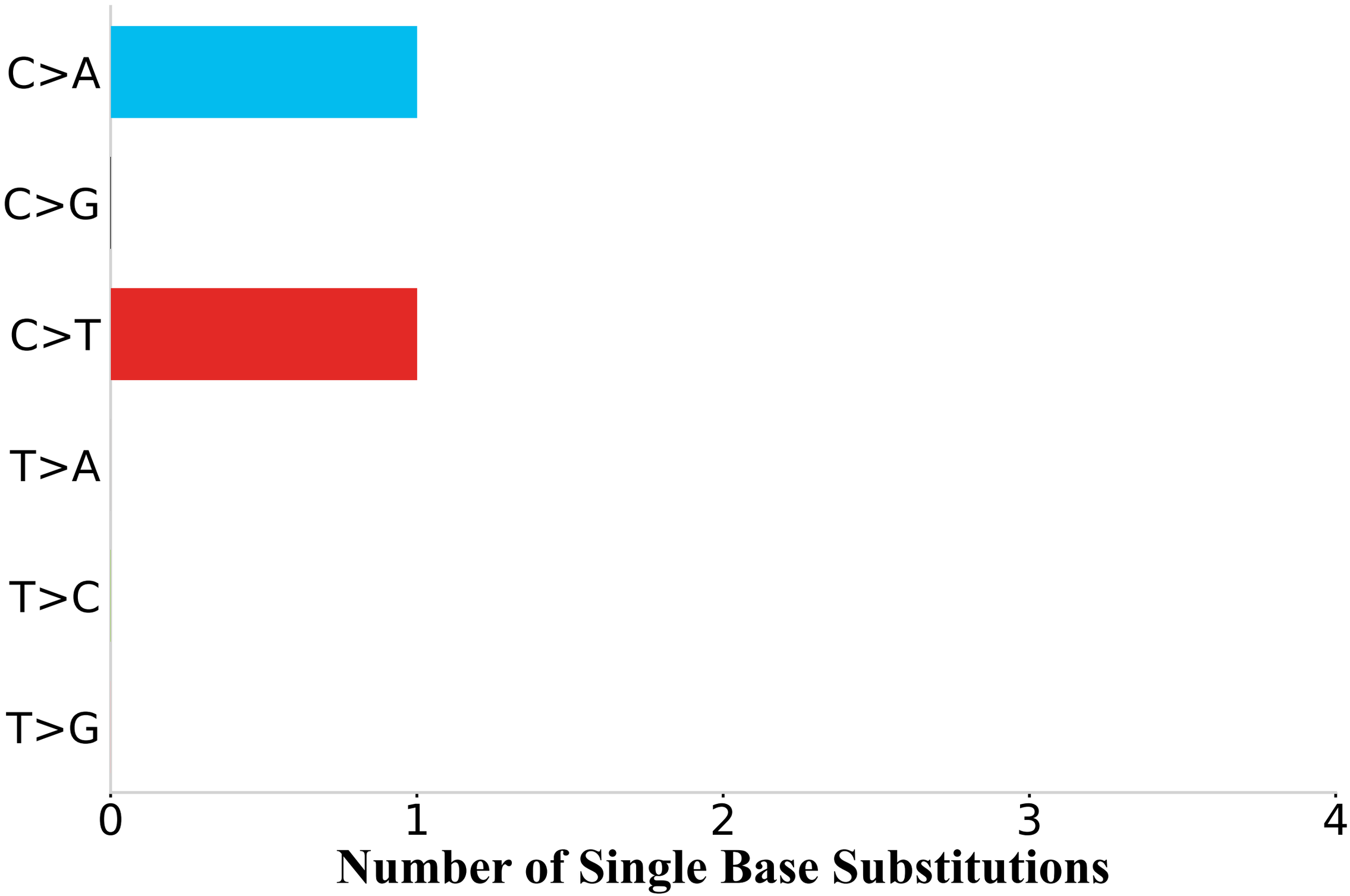
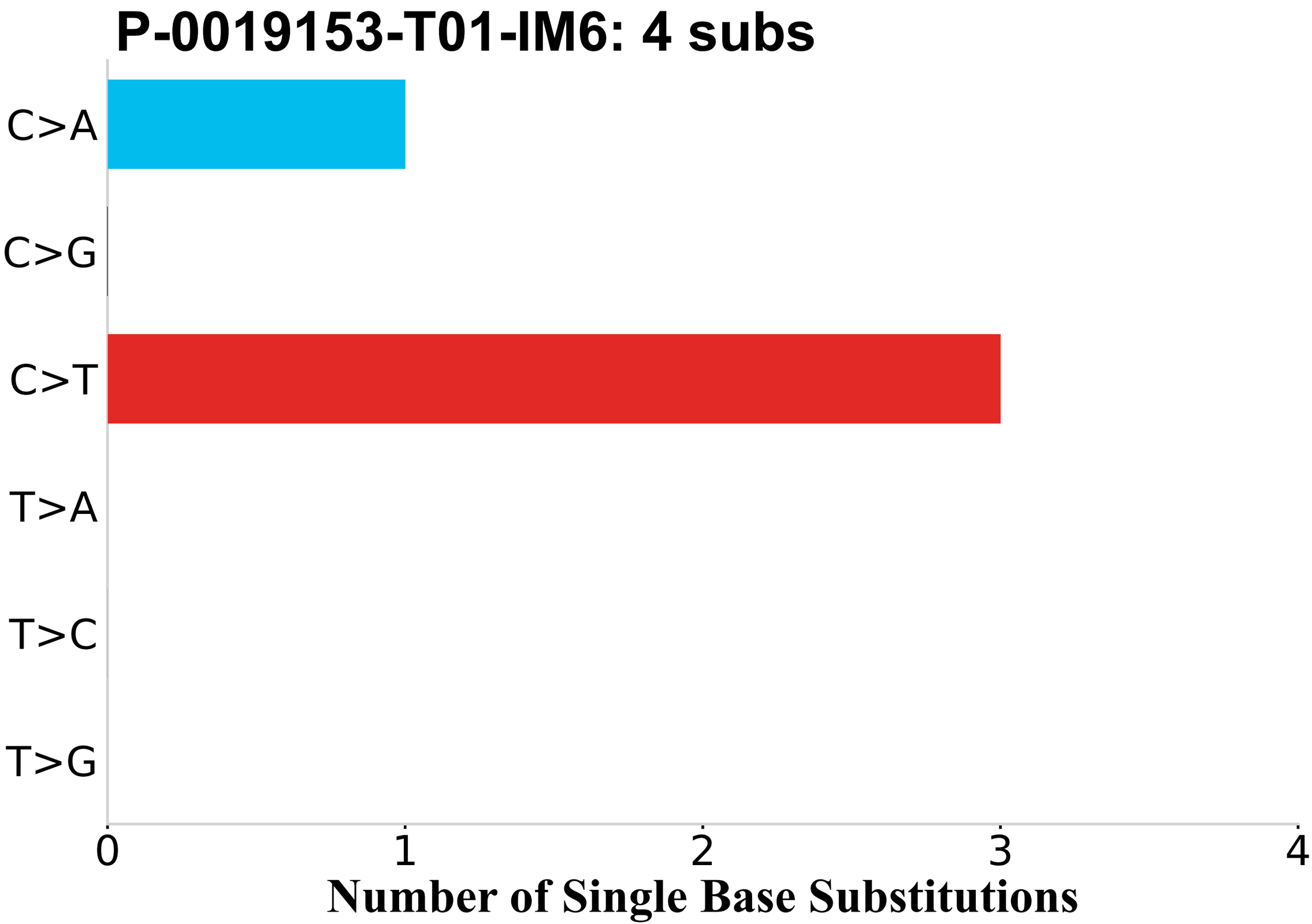
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

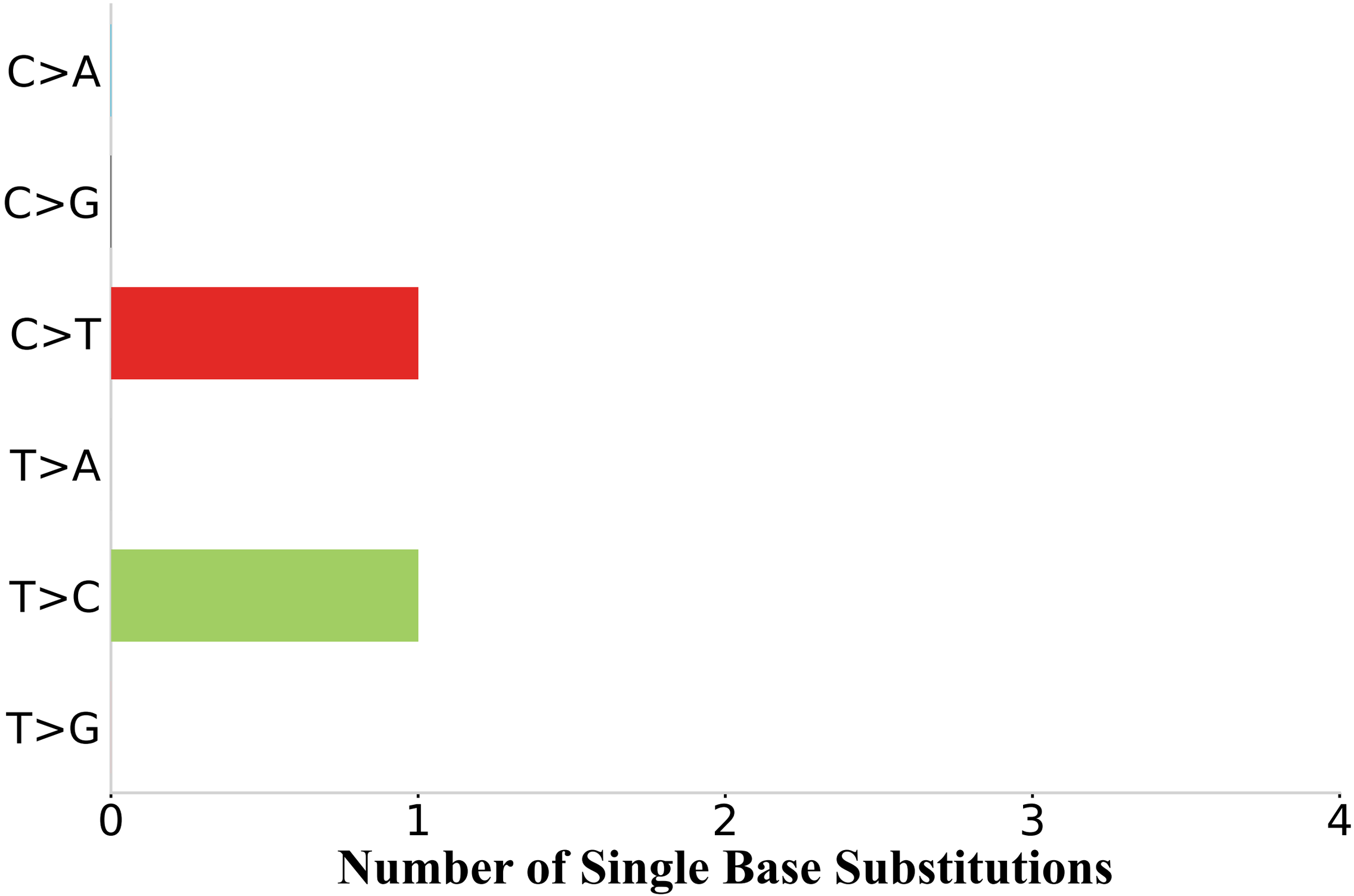

P-0019109-T01-IM6: 1 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

P-0019150-T01-IM6: 2 subs

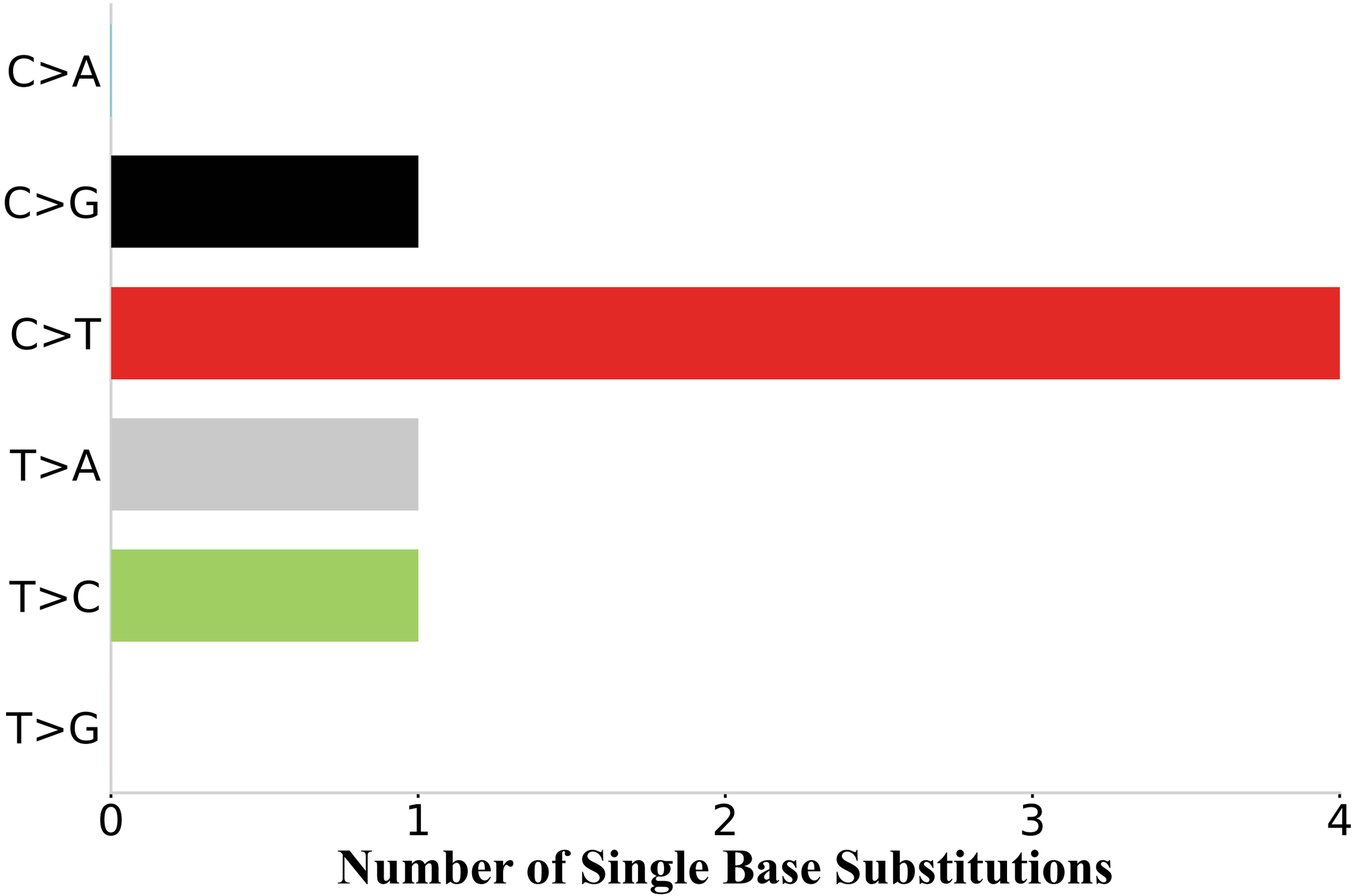



P-0019153-T01-IM6: 4 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

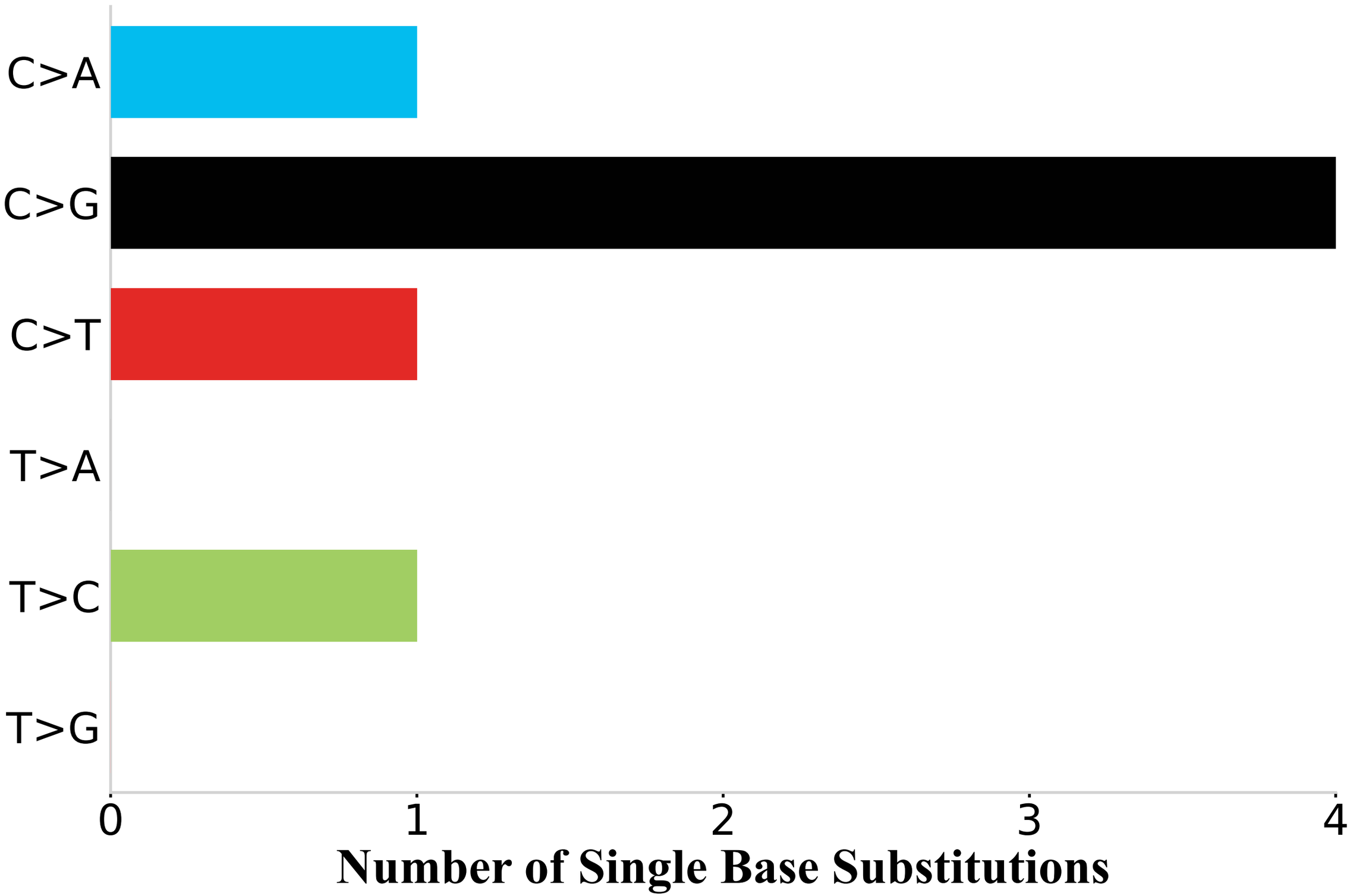
P-0019179-T03-IM6: 2 subs



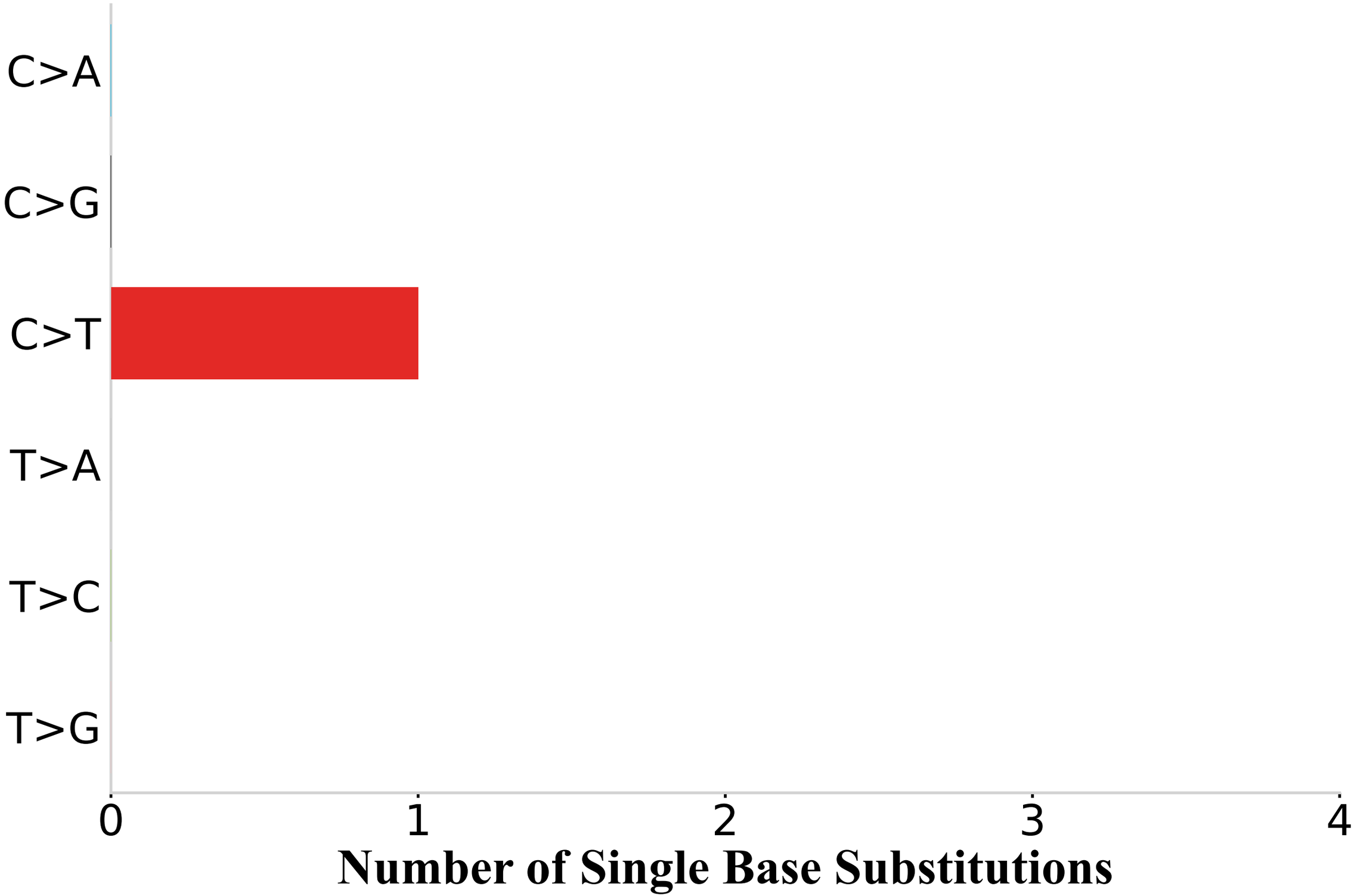
P-0019222-T01-IM6: 7 subs



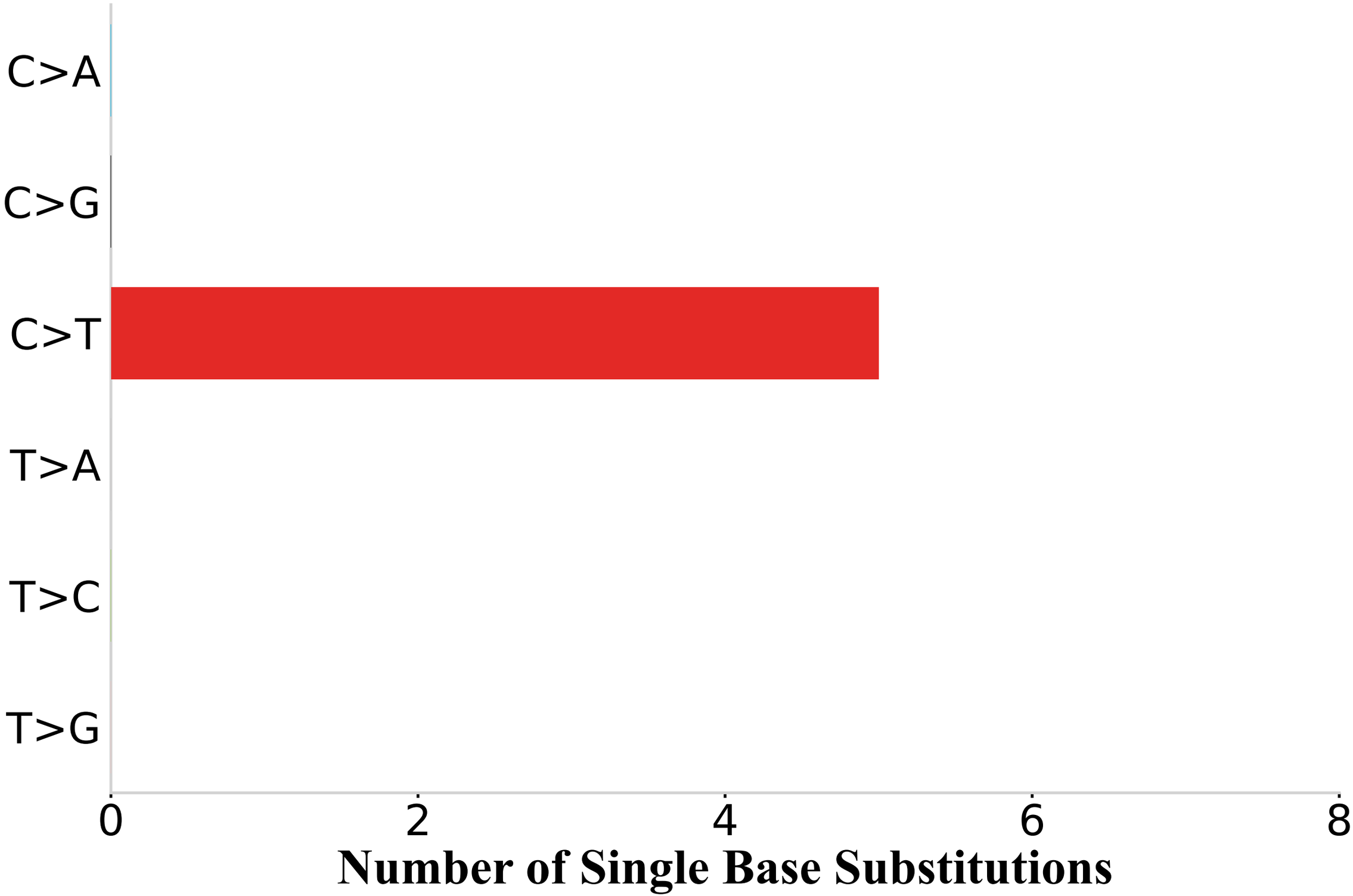
P-0019410-T01-IM6: 7 subs

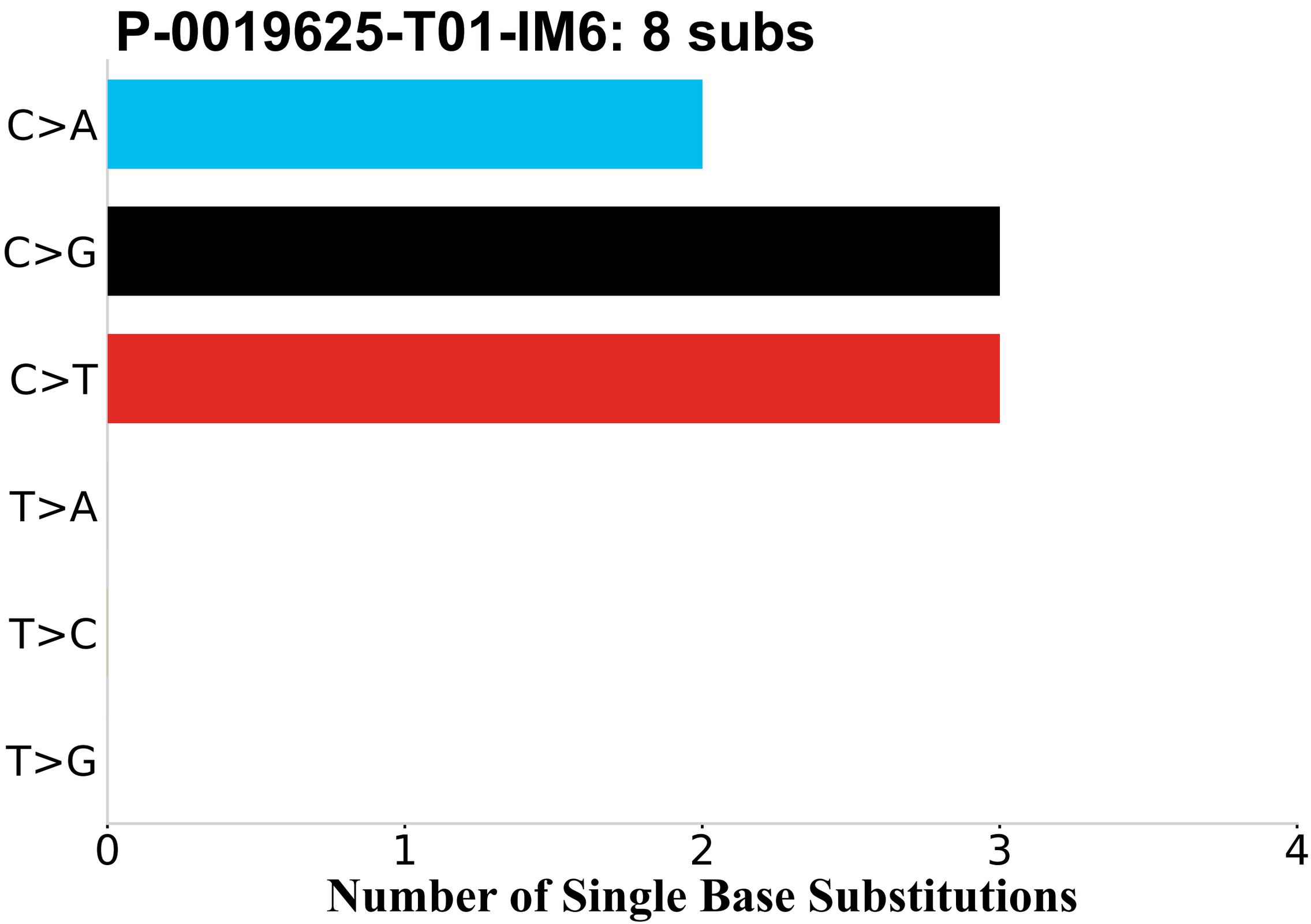


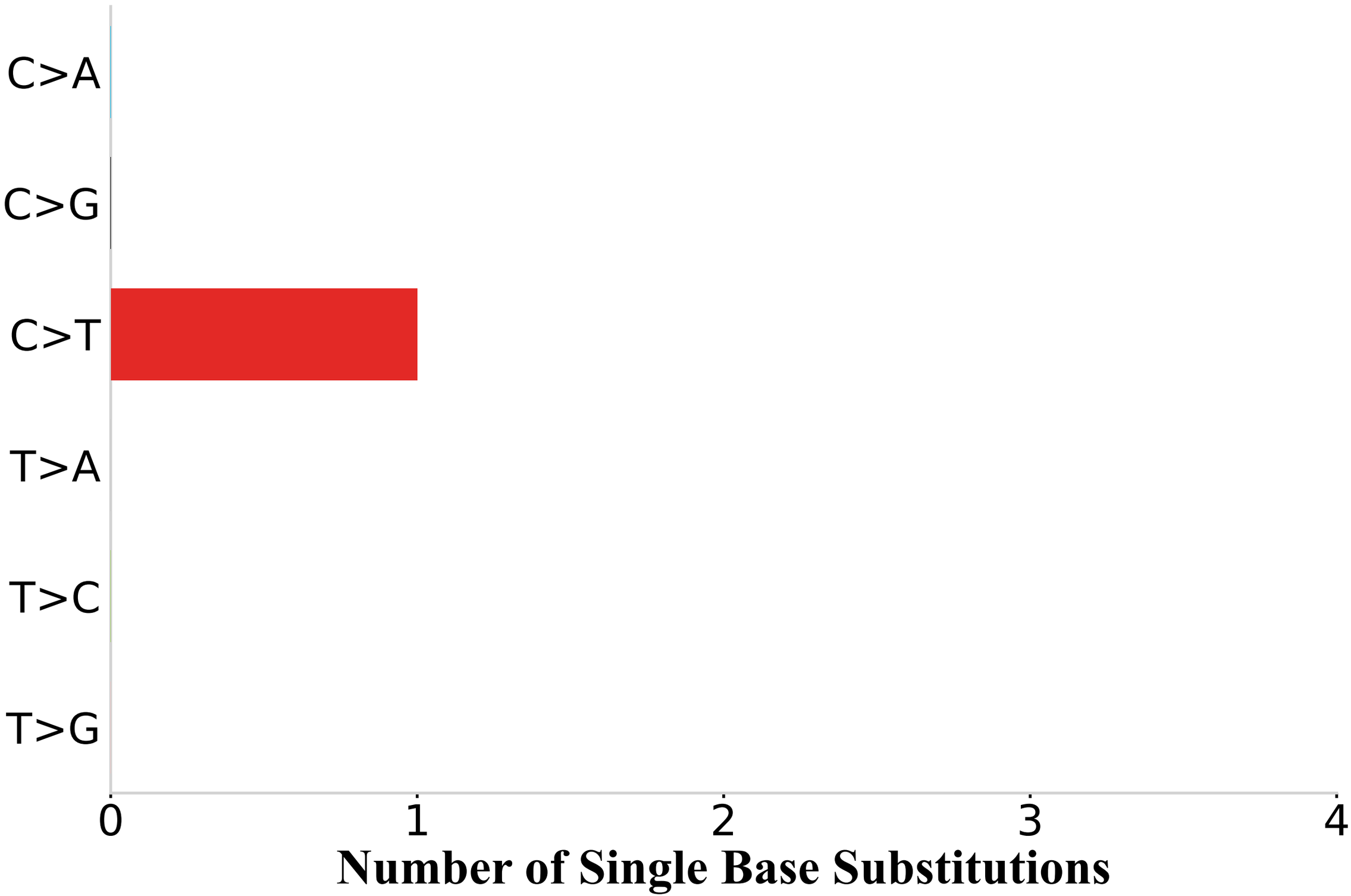
P-0019430-T01-IM6: 1 subs



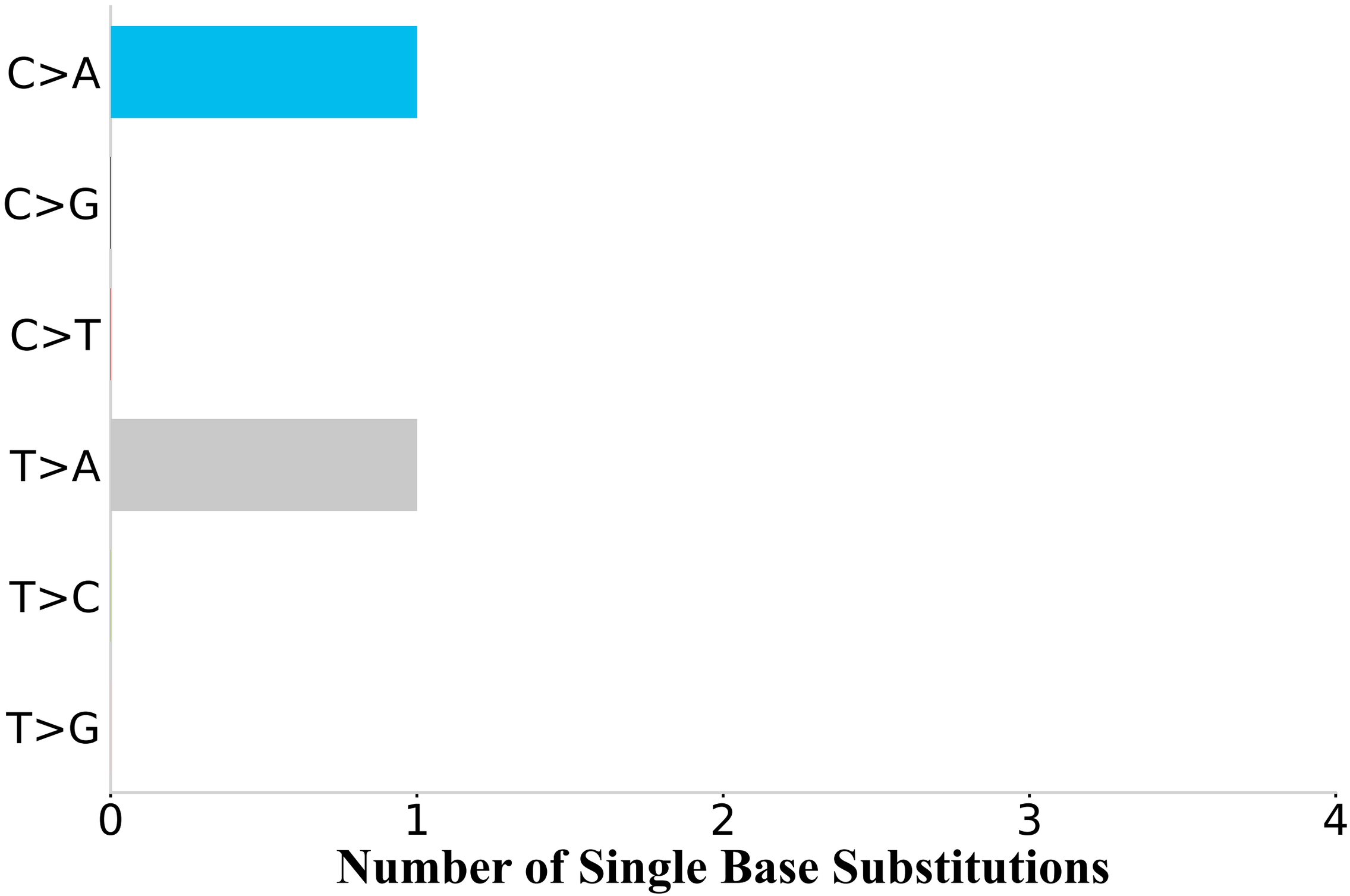
P-0019500-T01-IM6: 5 subs



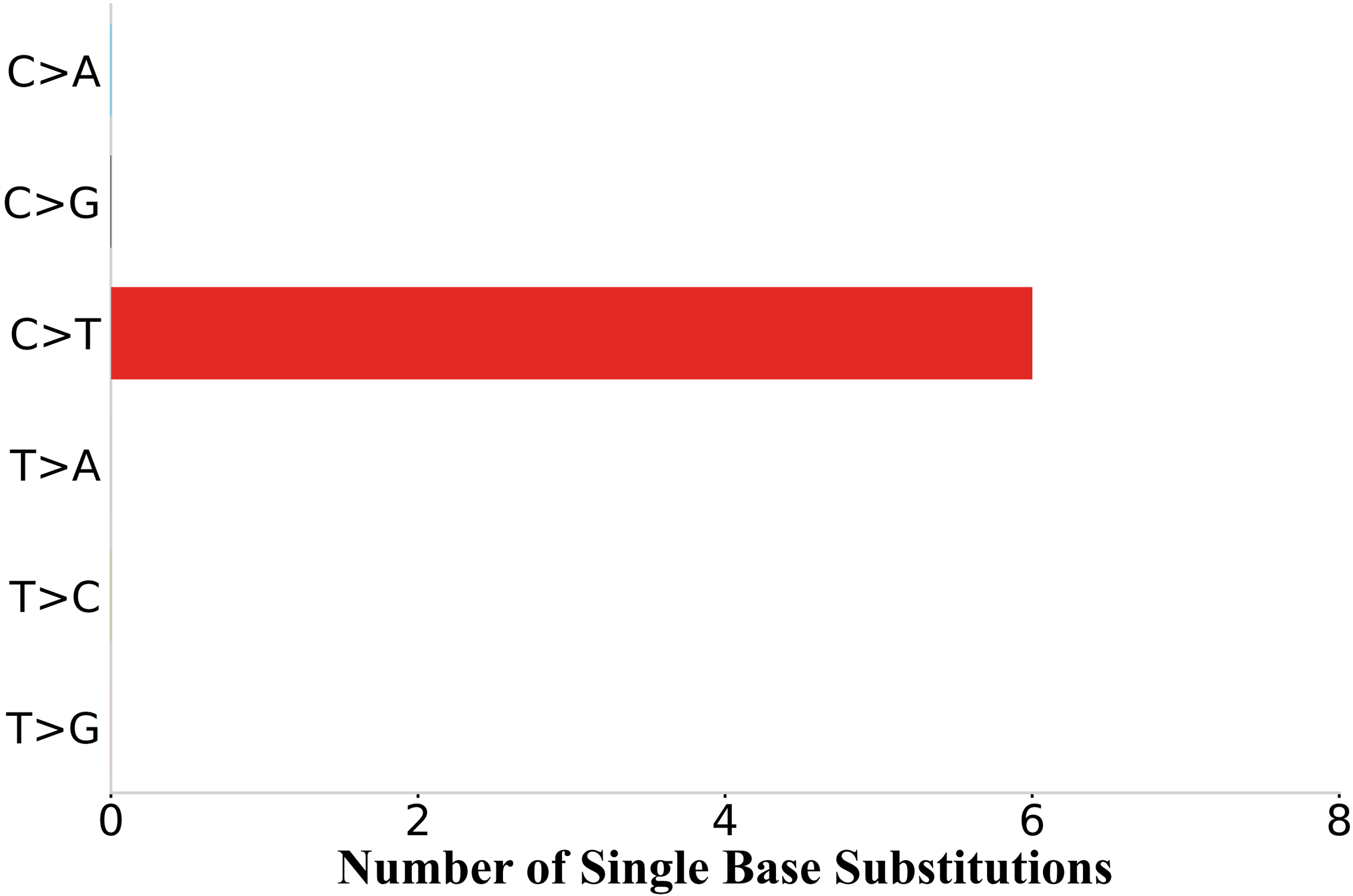

P-0019625-T01-IM6: 8 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions


P-0019716-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

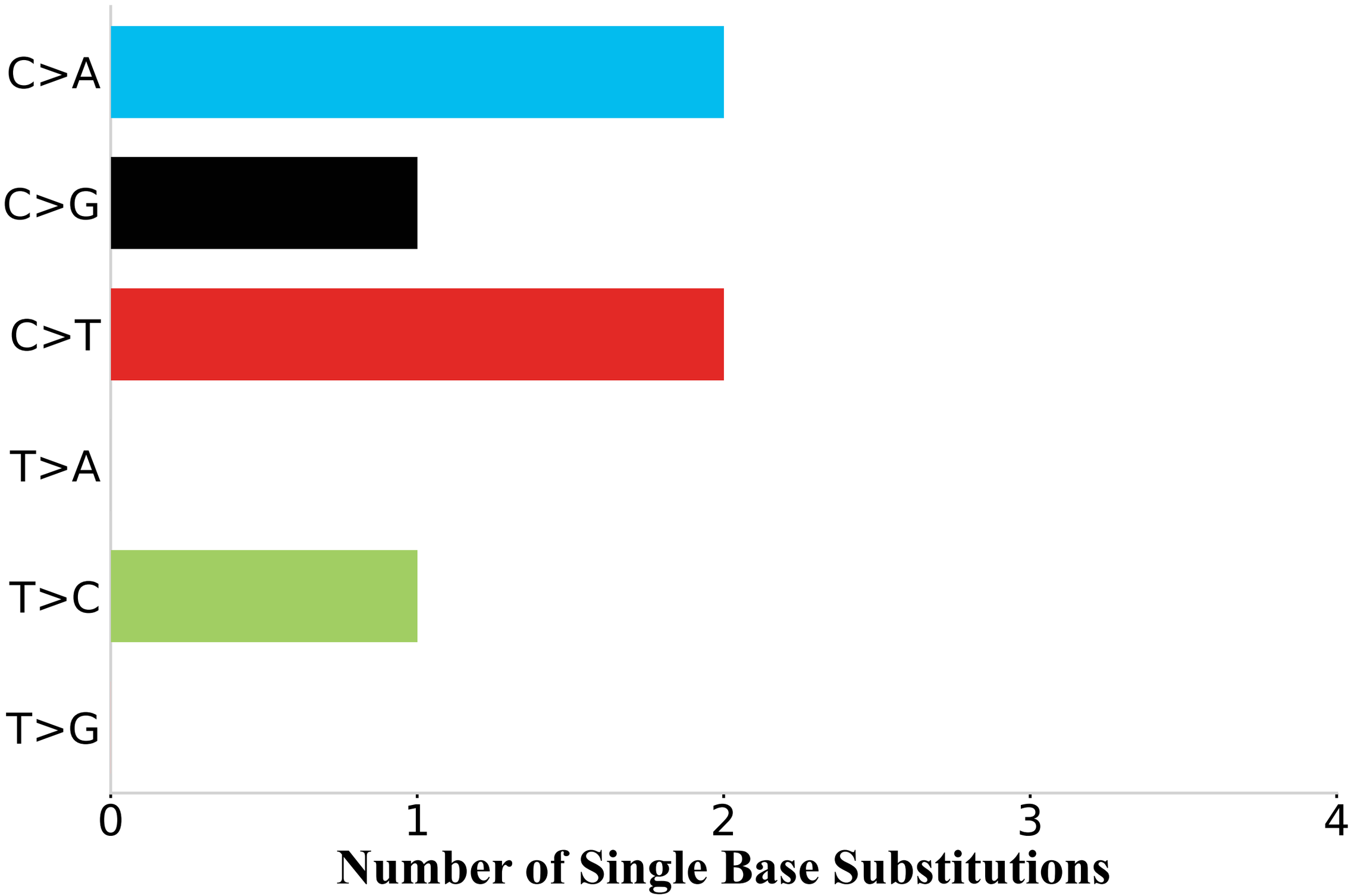
P-0019731-T01-IM6: 2 subs



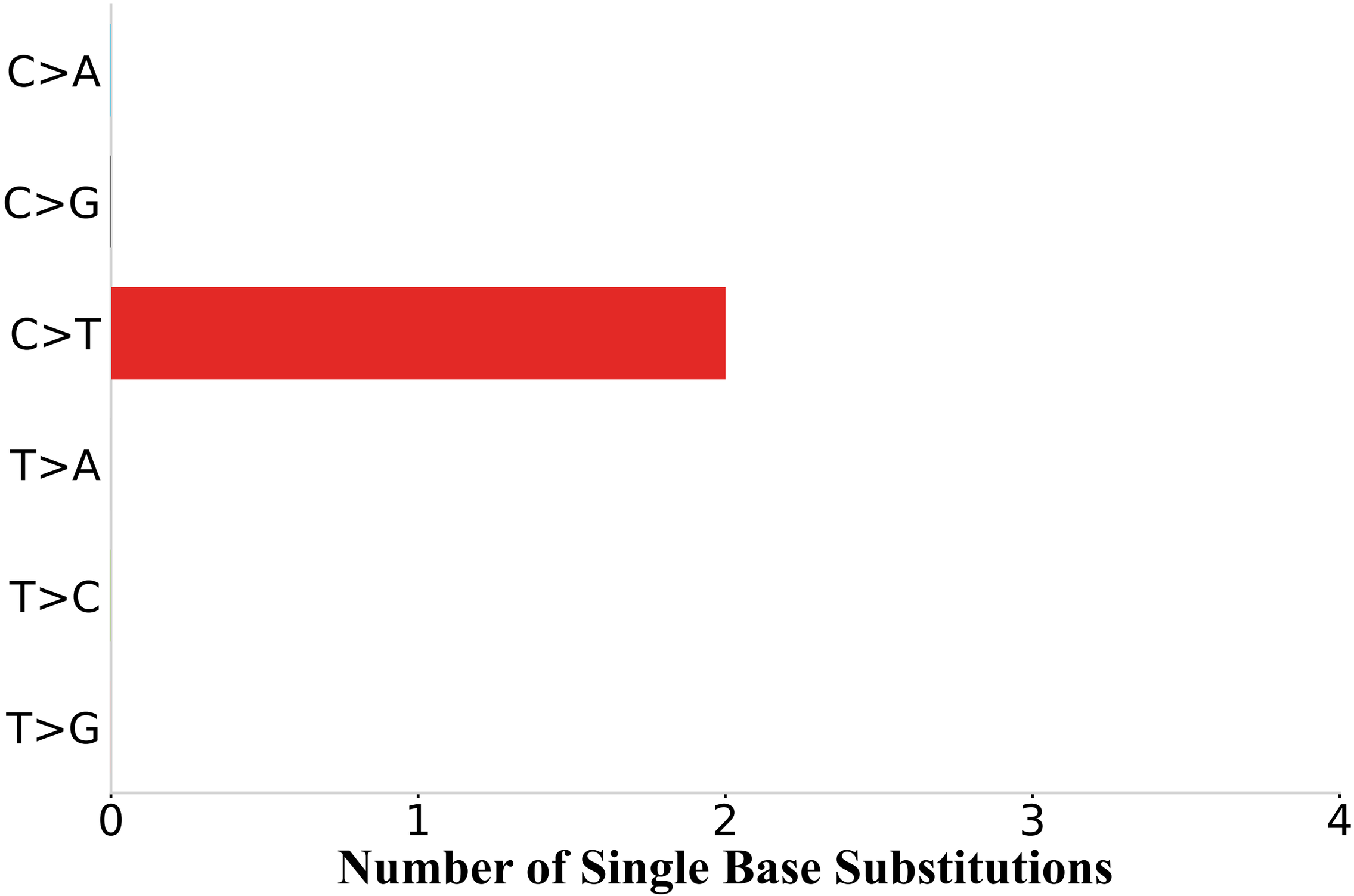
P-0019749-T01-IM6: 6 subs



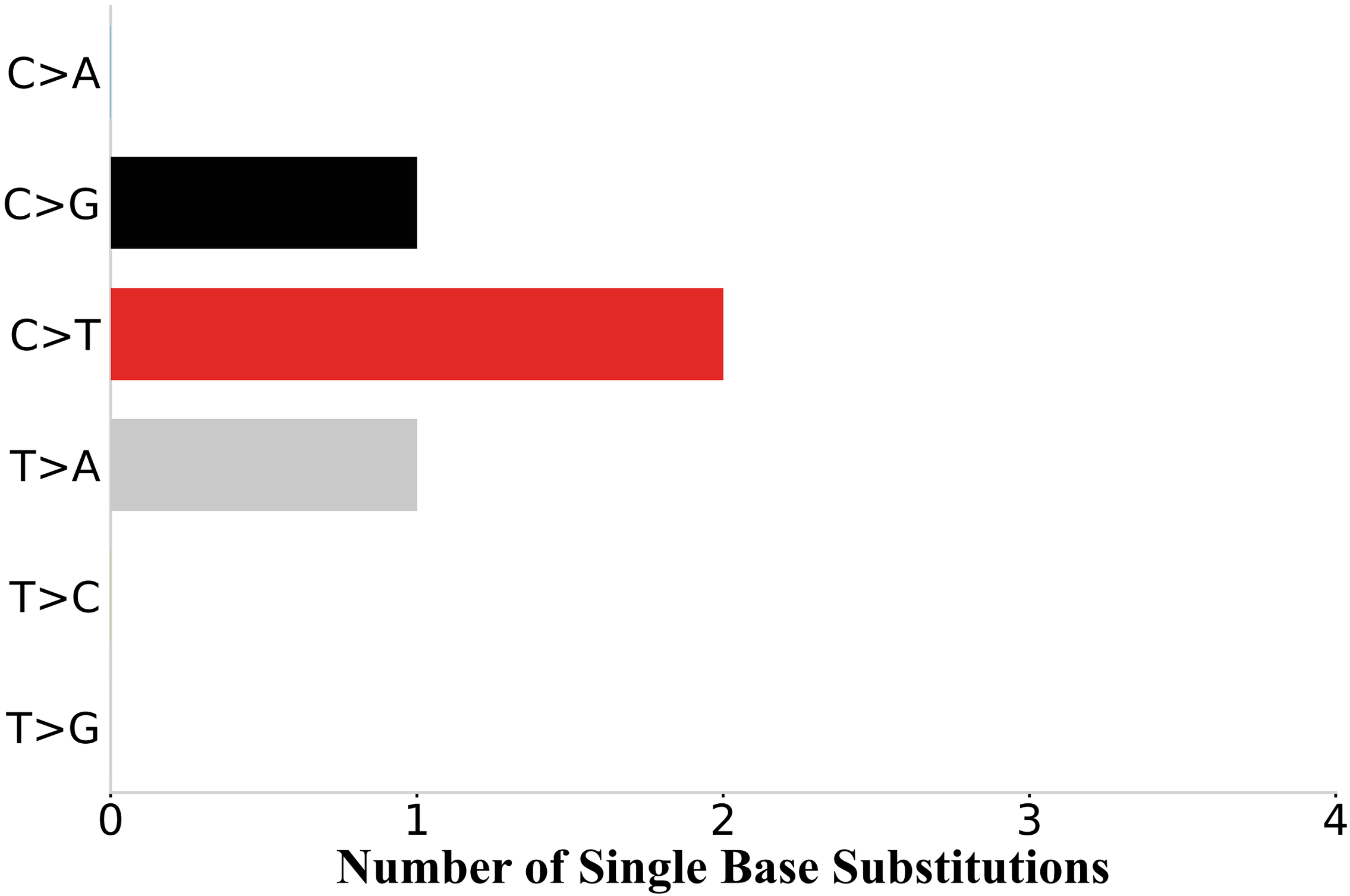
P-0019794-T01-IM6: 6 subs

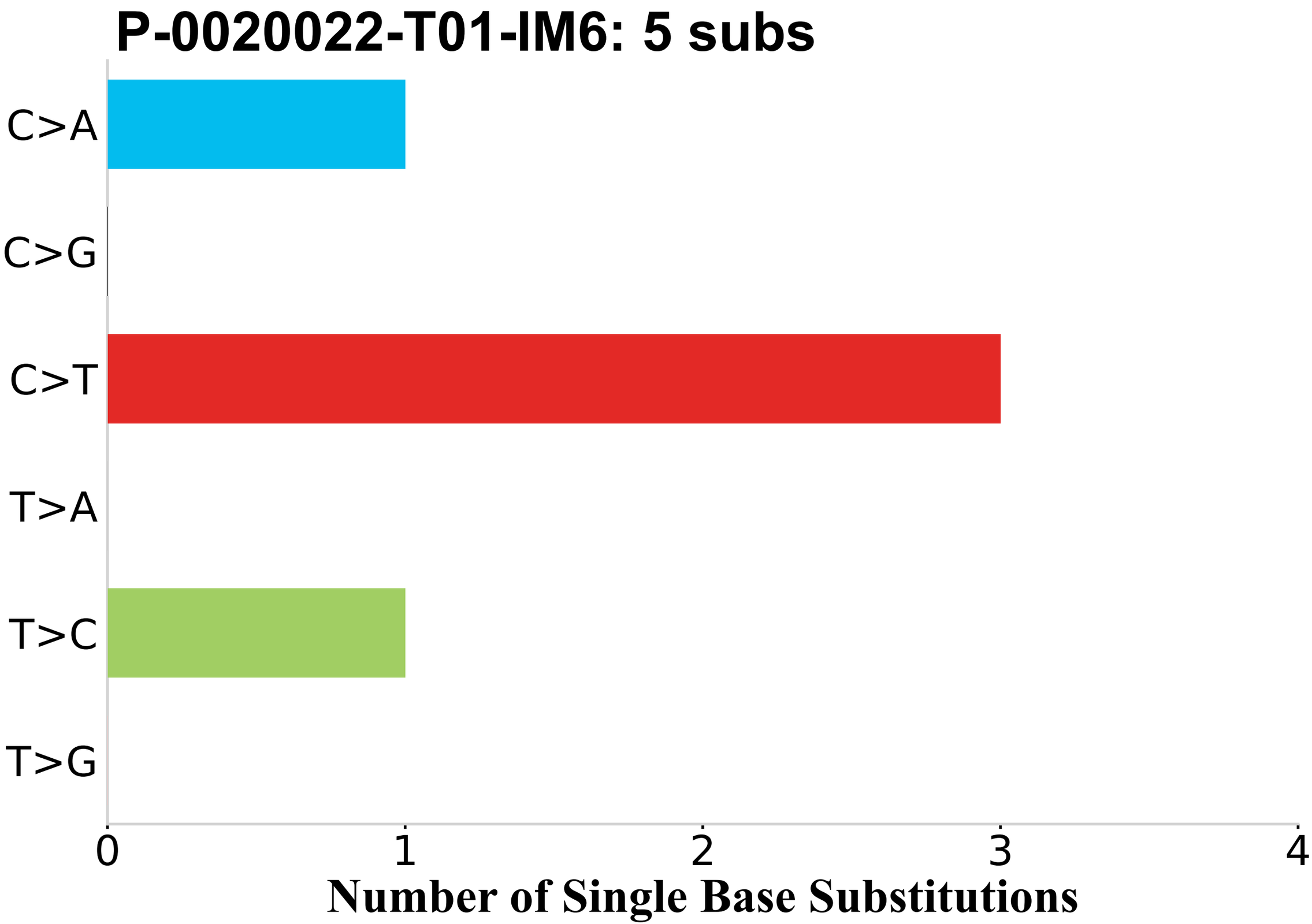


P-0019967-T02-IM6: 2 subs

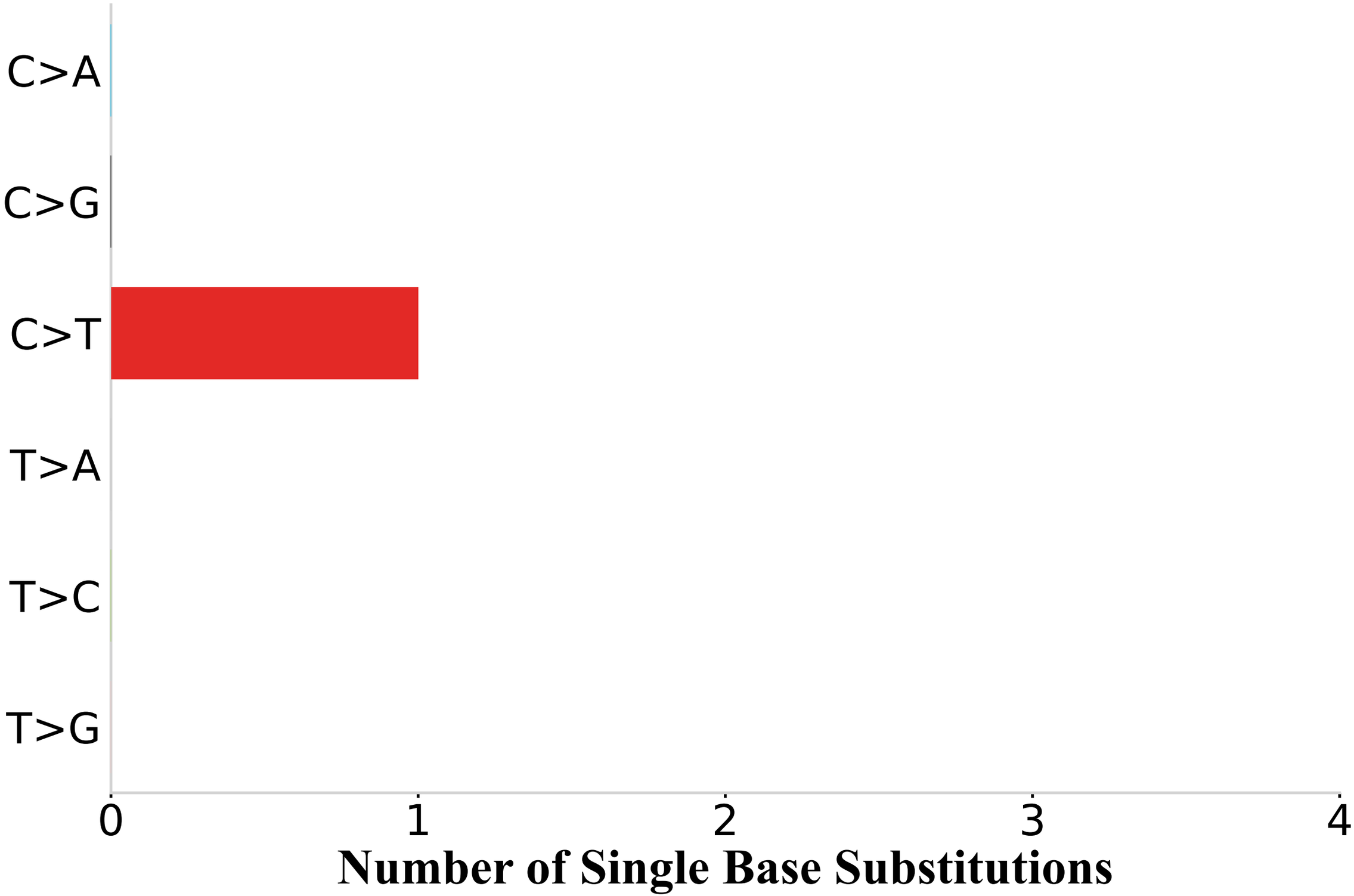


P-0020021-T01-IM6: 4 subs

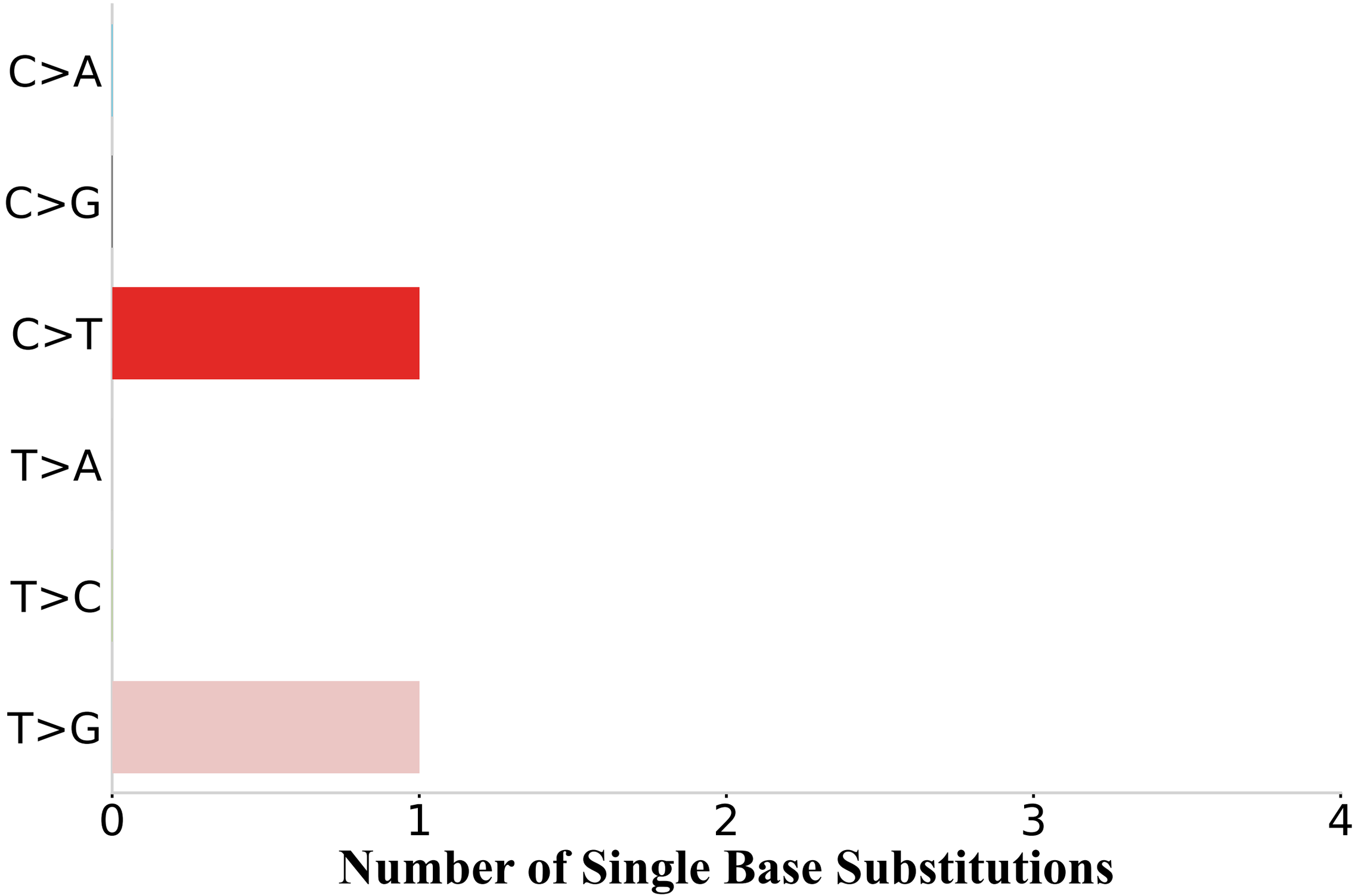



P-0020022-T01-IM6: 5 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

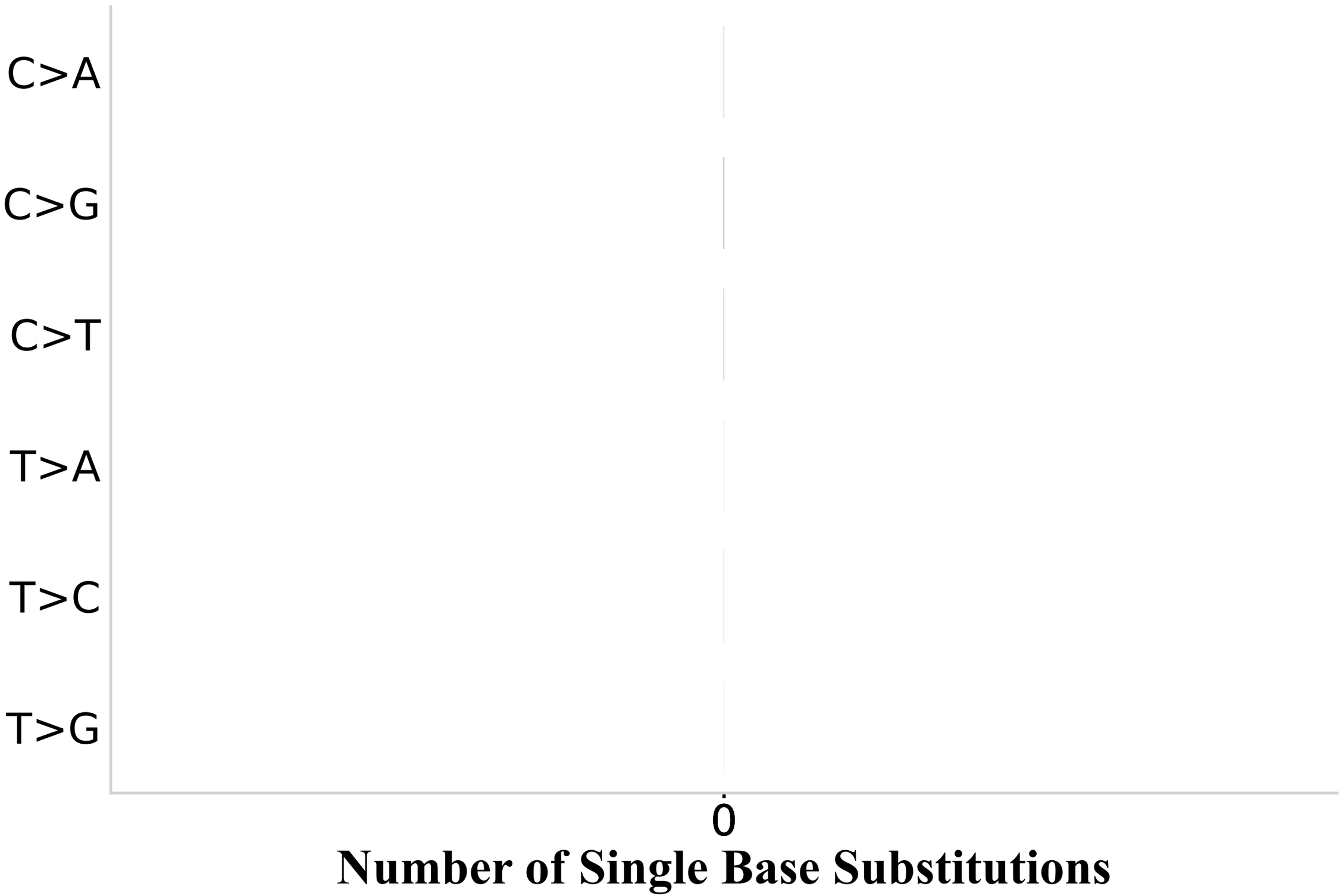
P-0020027-T01-IM6: 1 subs



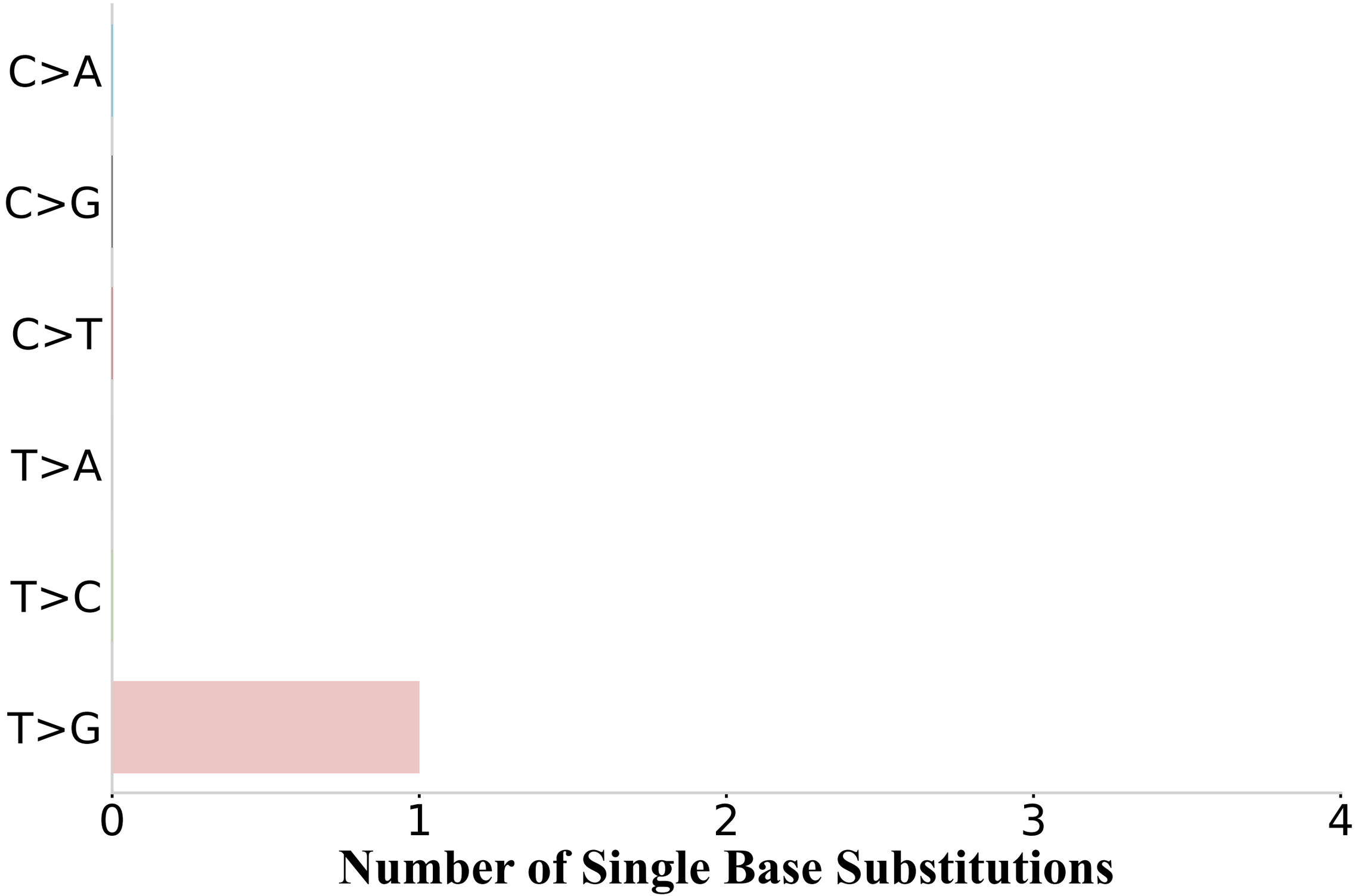
P-0020157-T01-IM6: 2 subs



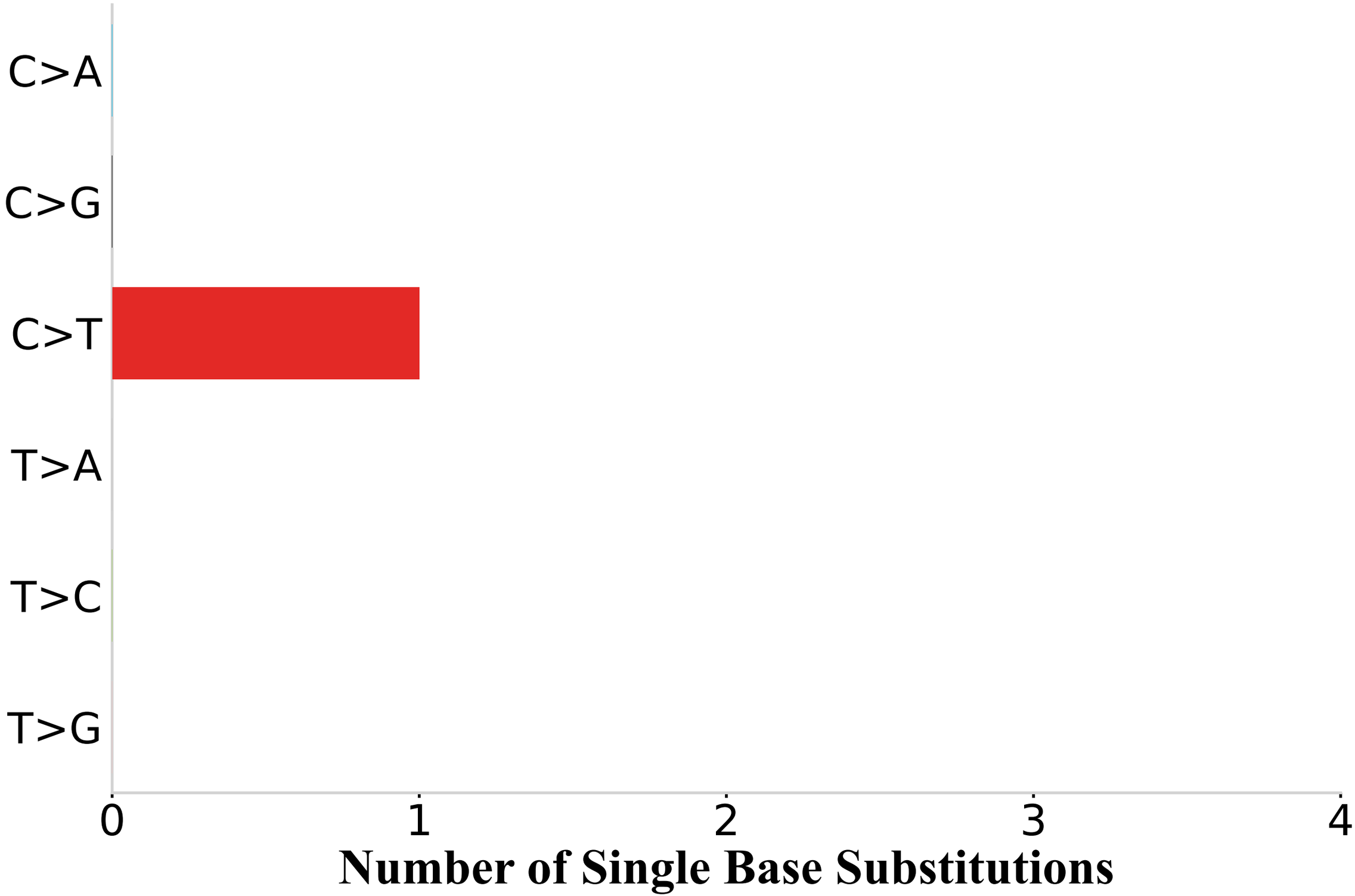
P-0020327-T01-IM6: 0 subs

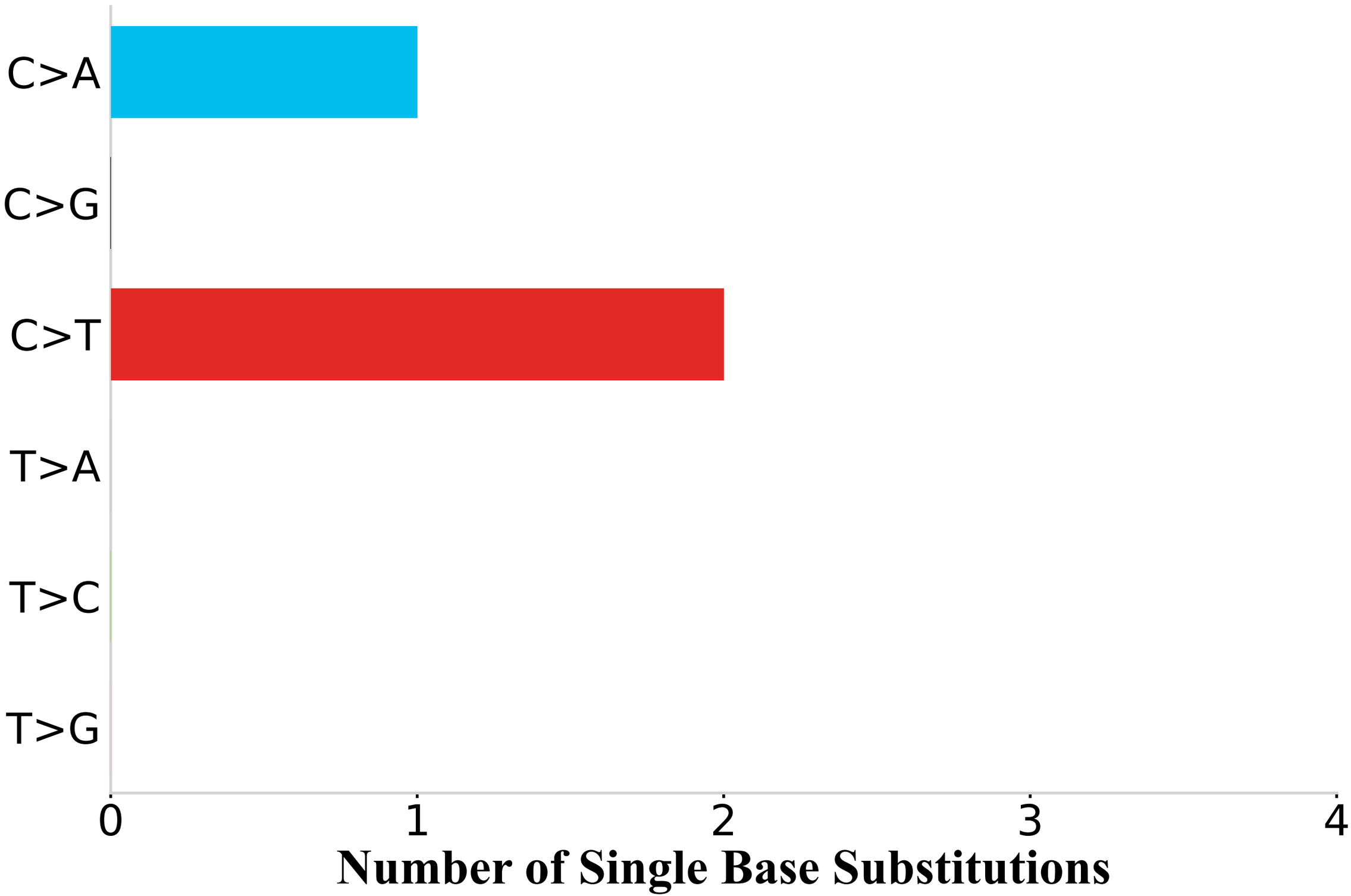


P-0020341-T01-IM6: 1 subs

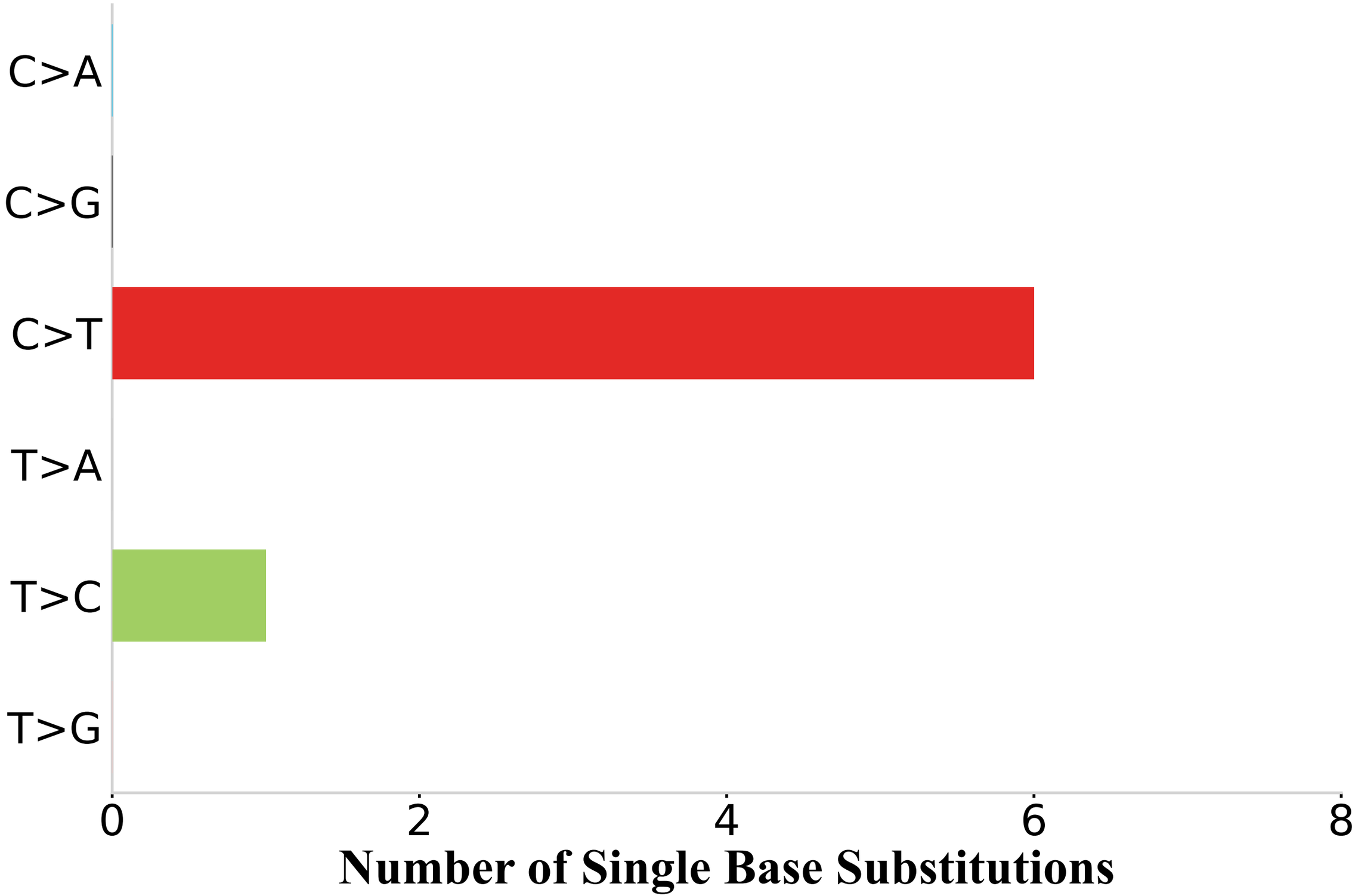


P-0020358-T01-IM6: 1 subs

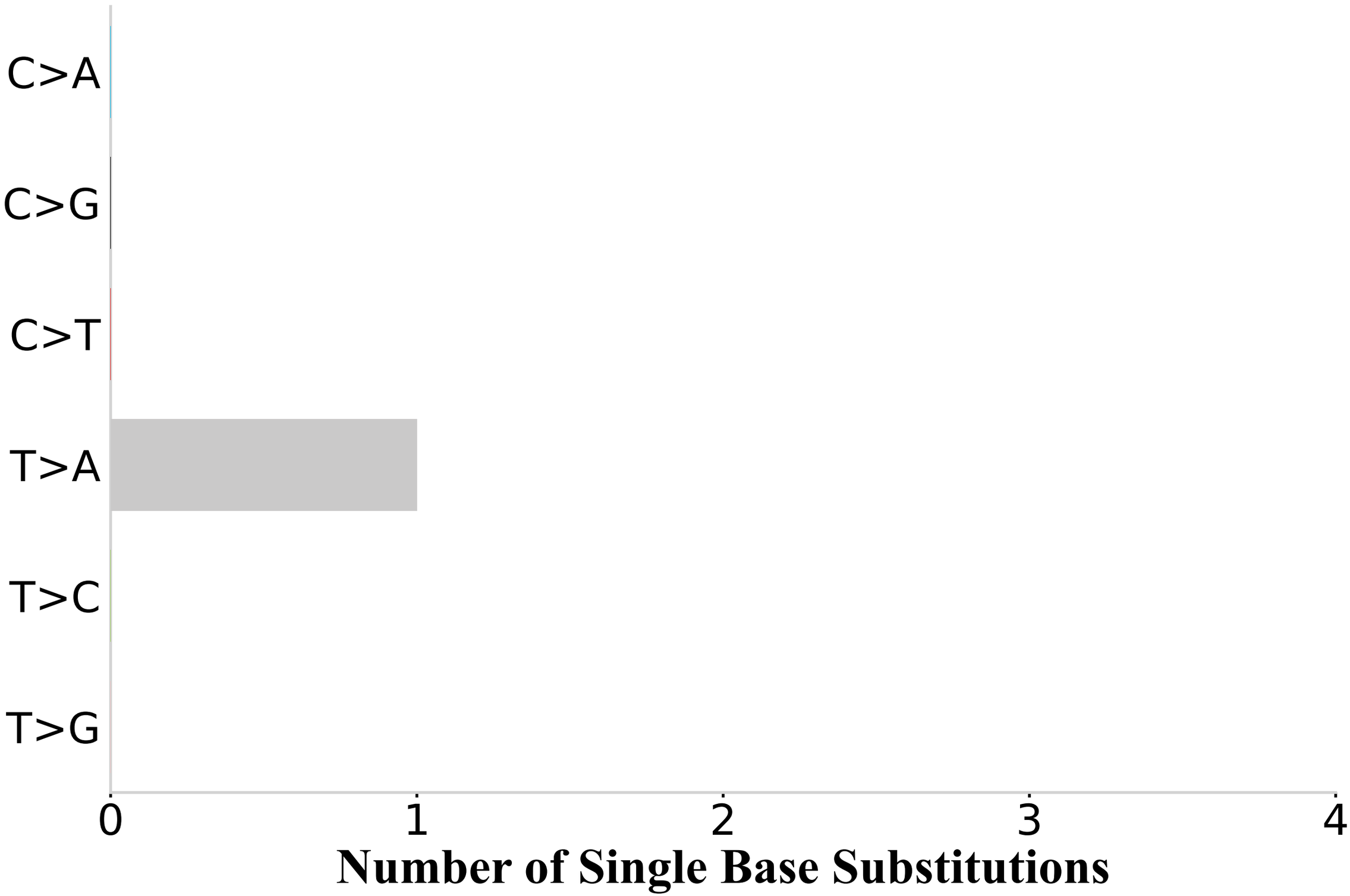



P-0020485-T01-IM6: 3 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

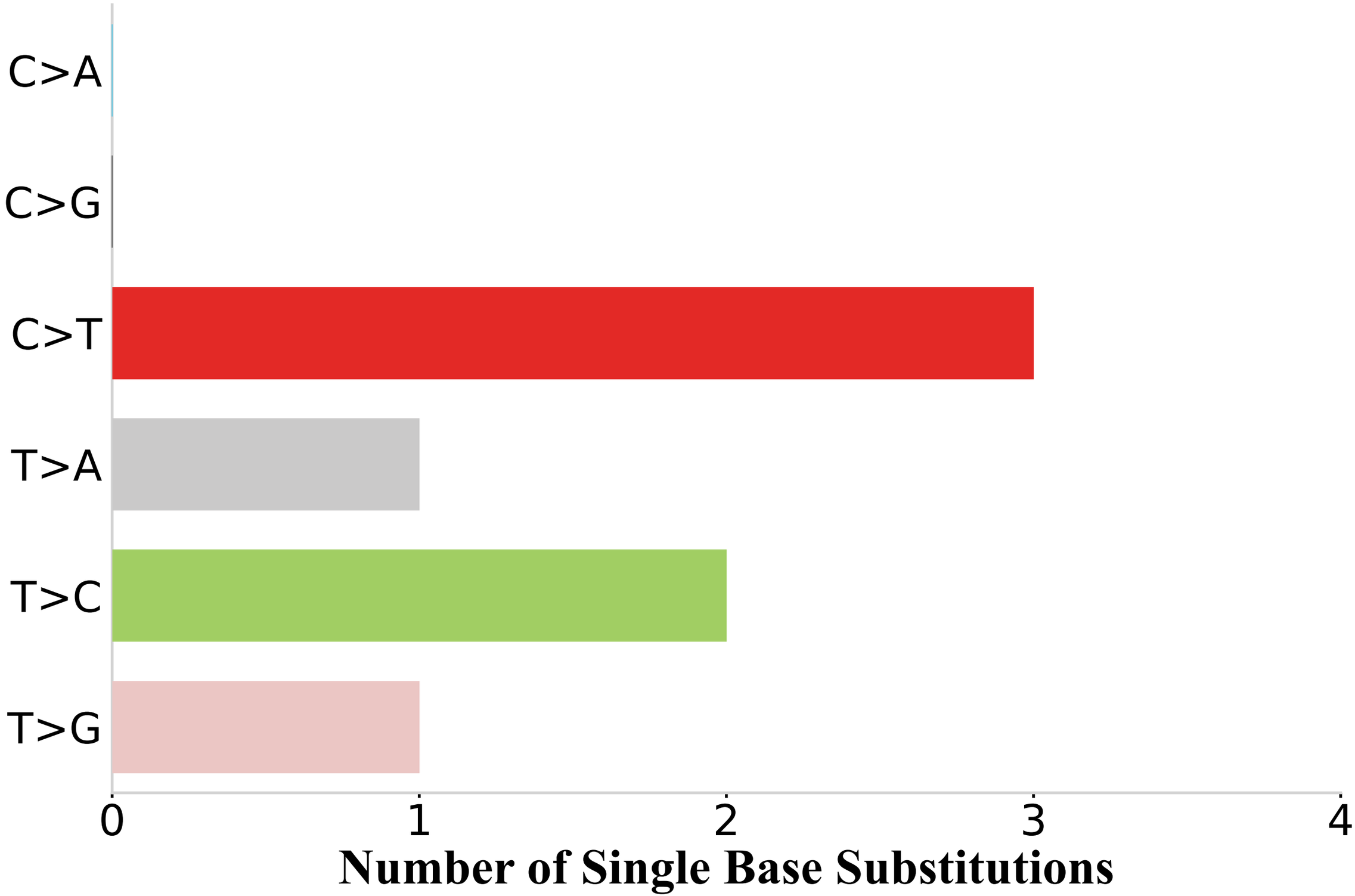
P-0020644-T01-IM6: 7 subs



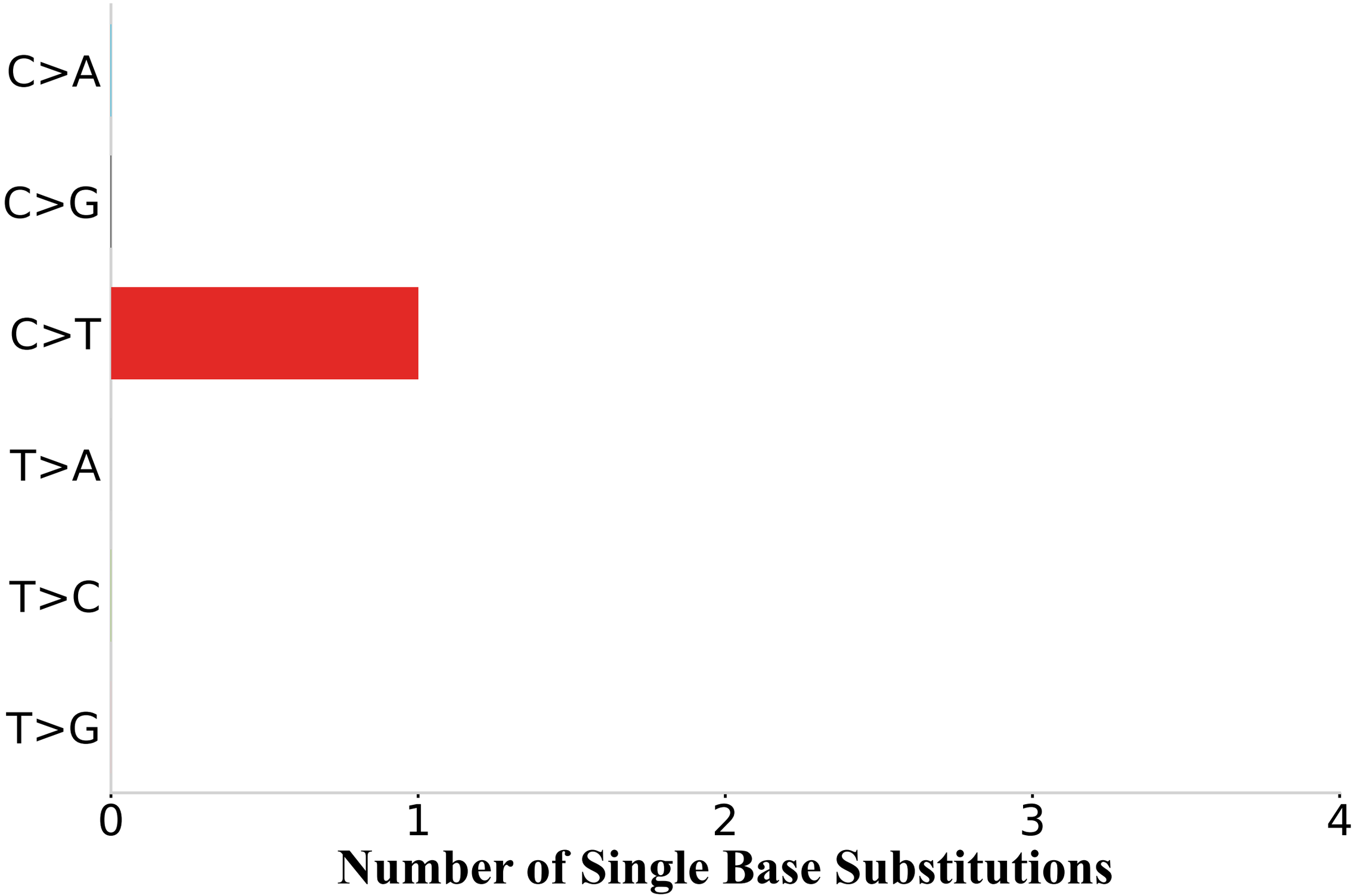
P-0020647-T01-IM6: 1 subs



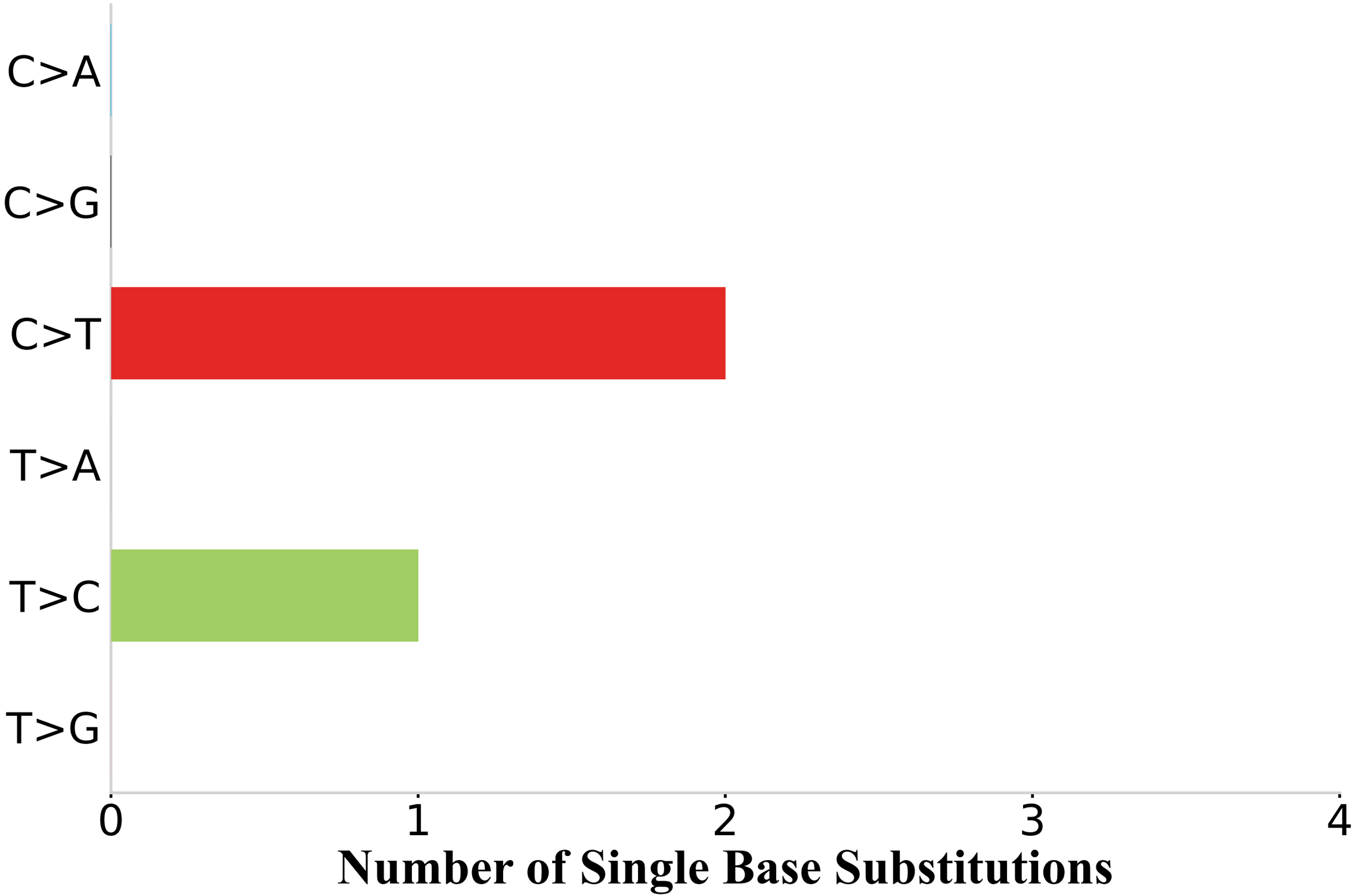
P-0020764-T01-IM6: 7 subs



P-0021048-T01-IM6: 1 subs

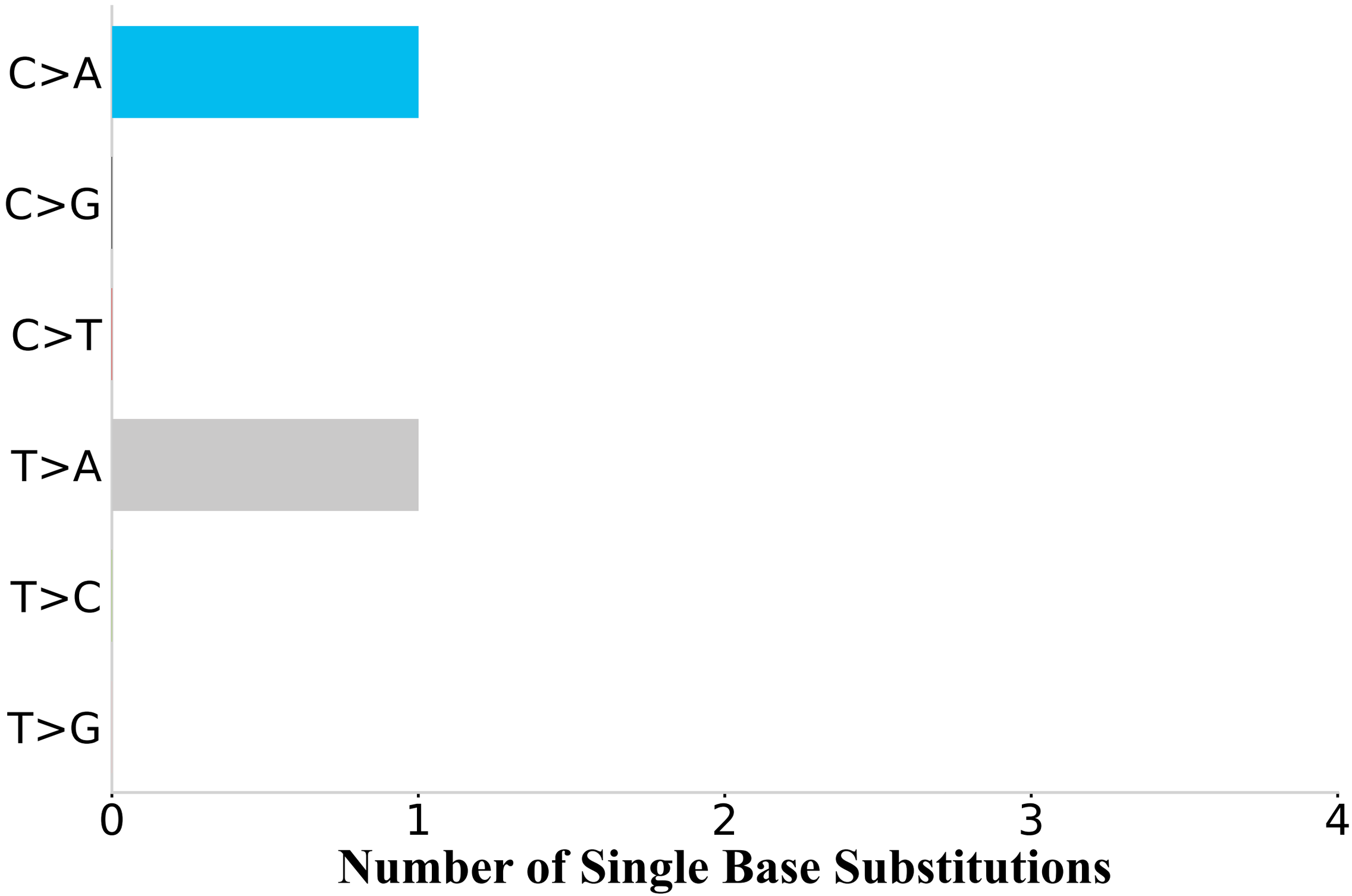


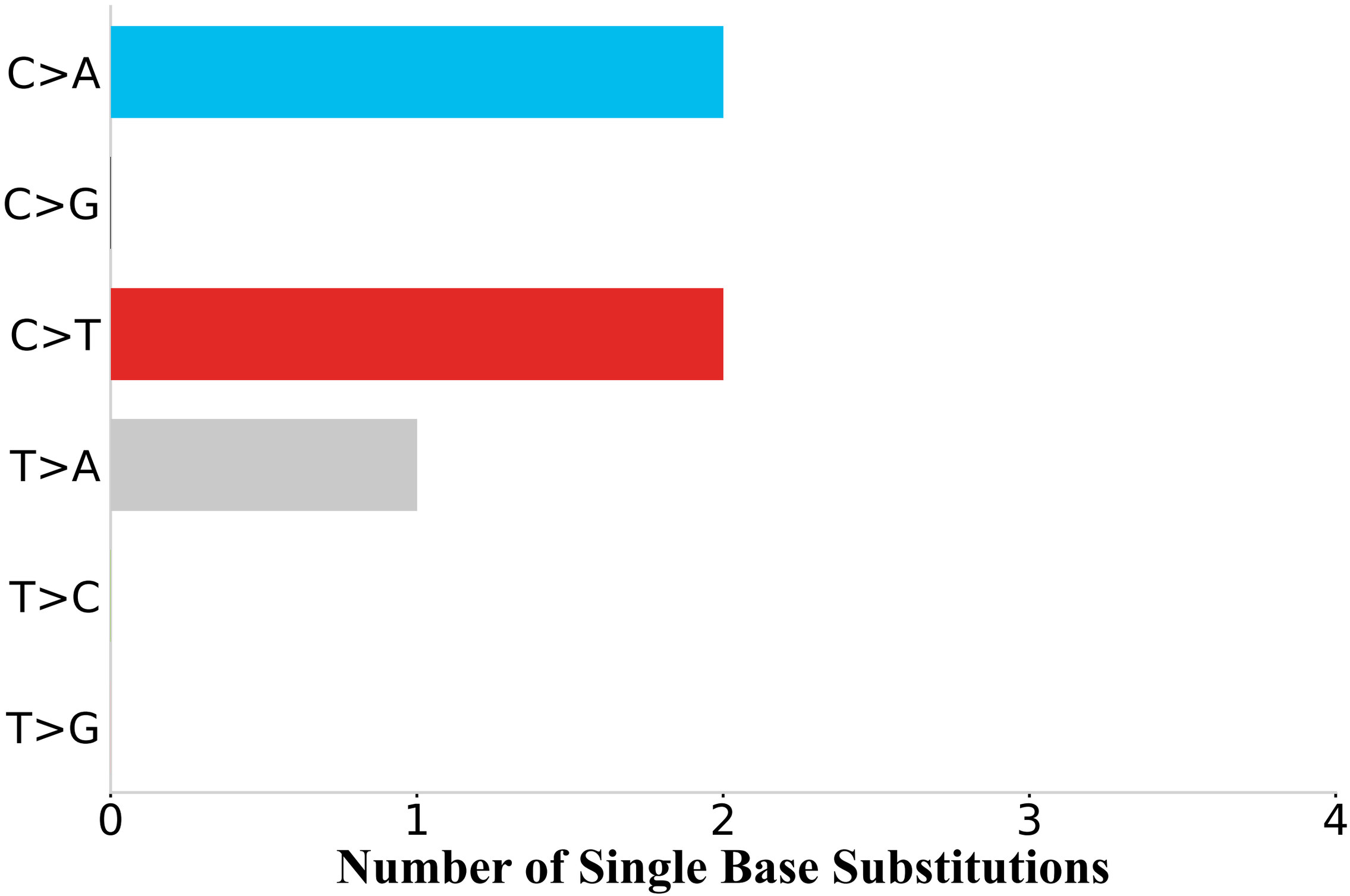
P-0021095-T01-IM6: 3 subs

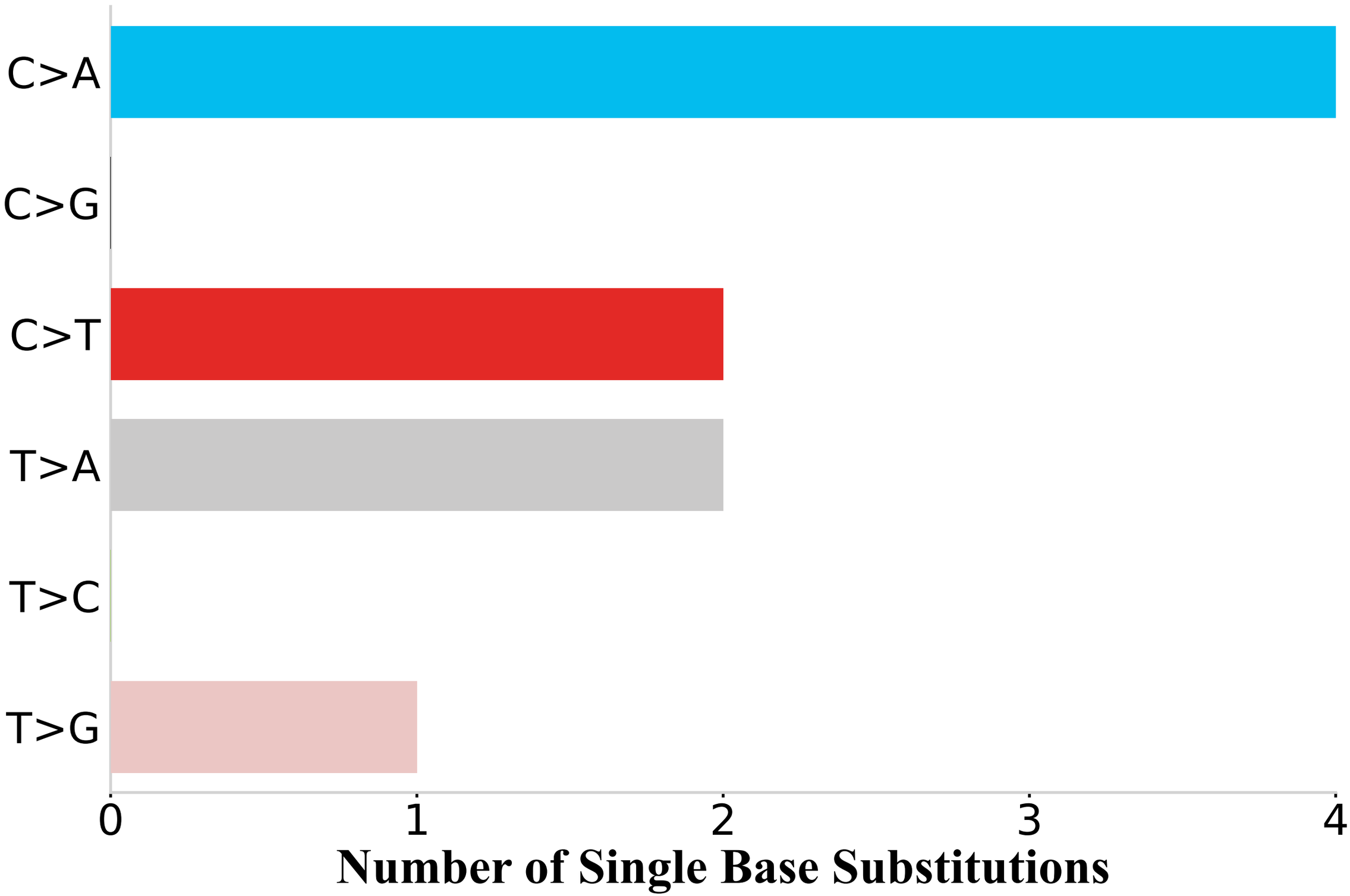


P-0021362-T01-IM6: 5 subs

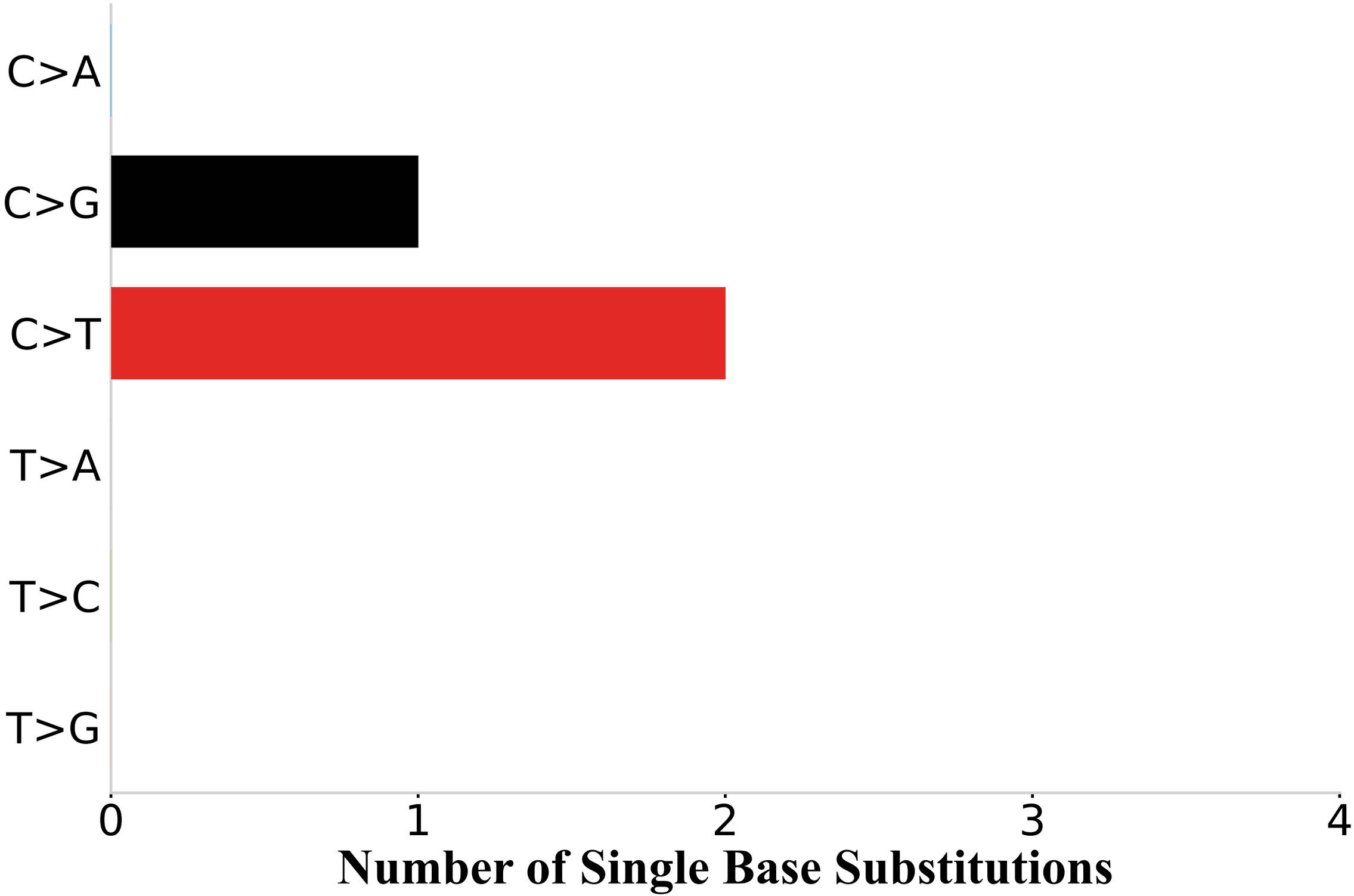
P-0021381-T01-IM6: 2 subs

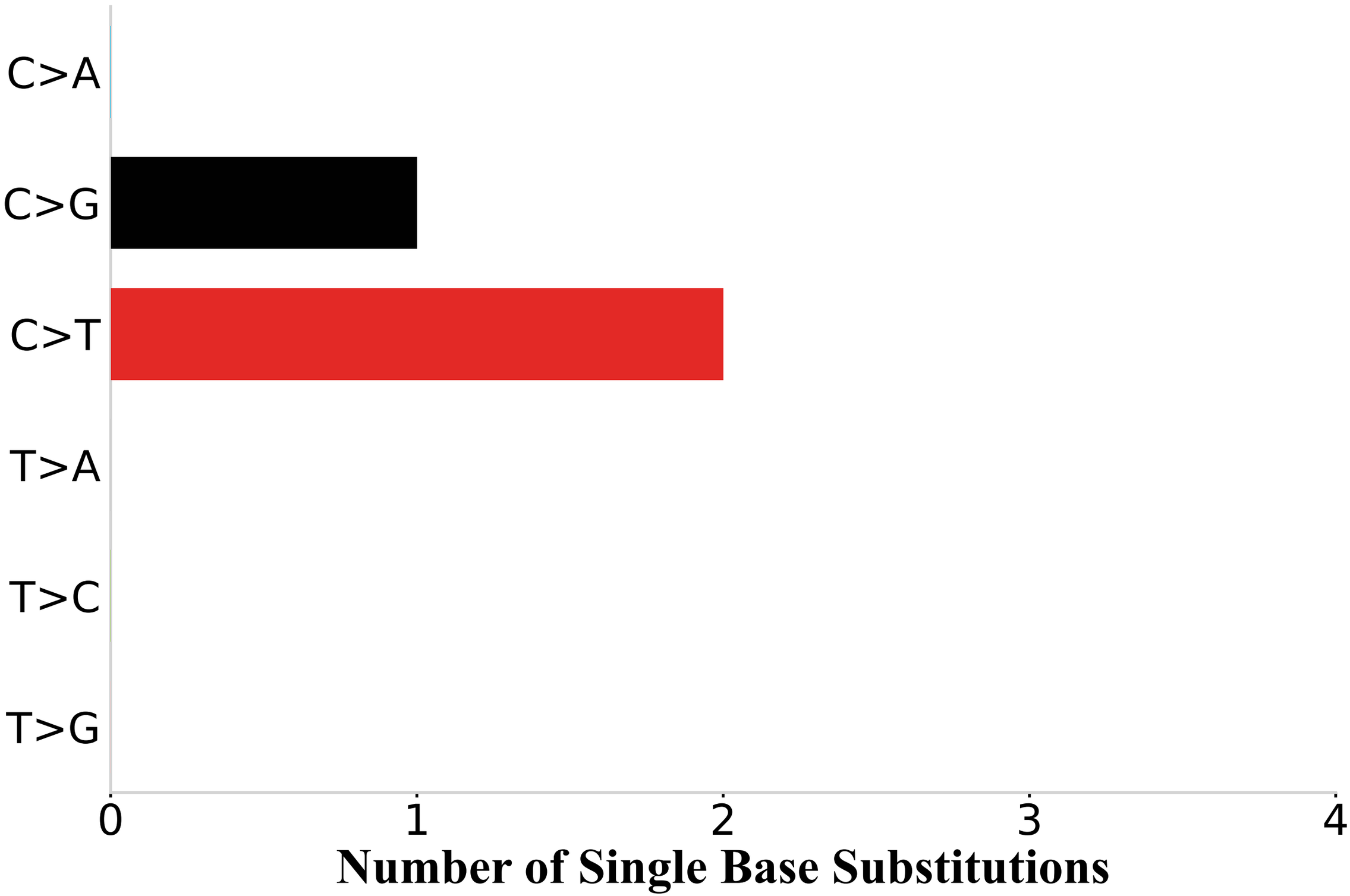

P-0021647-T03-IM6: 2 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions


P-0021826-T01-IM6: 5 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

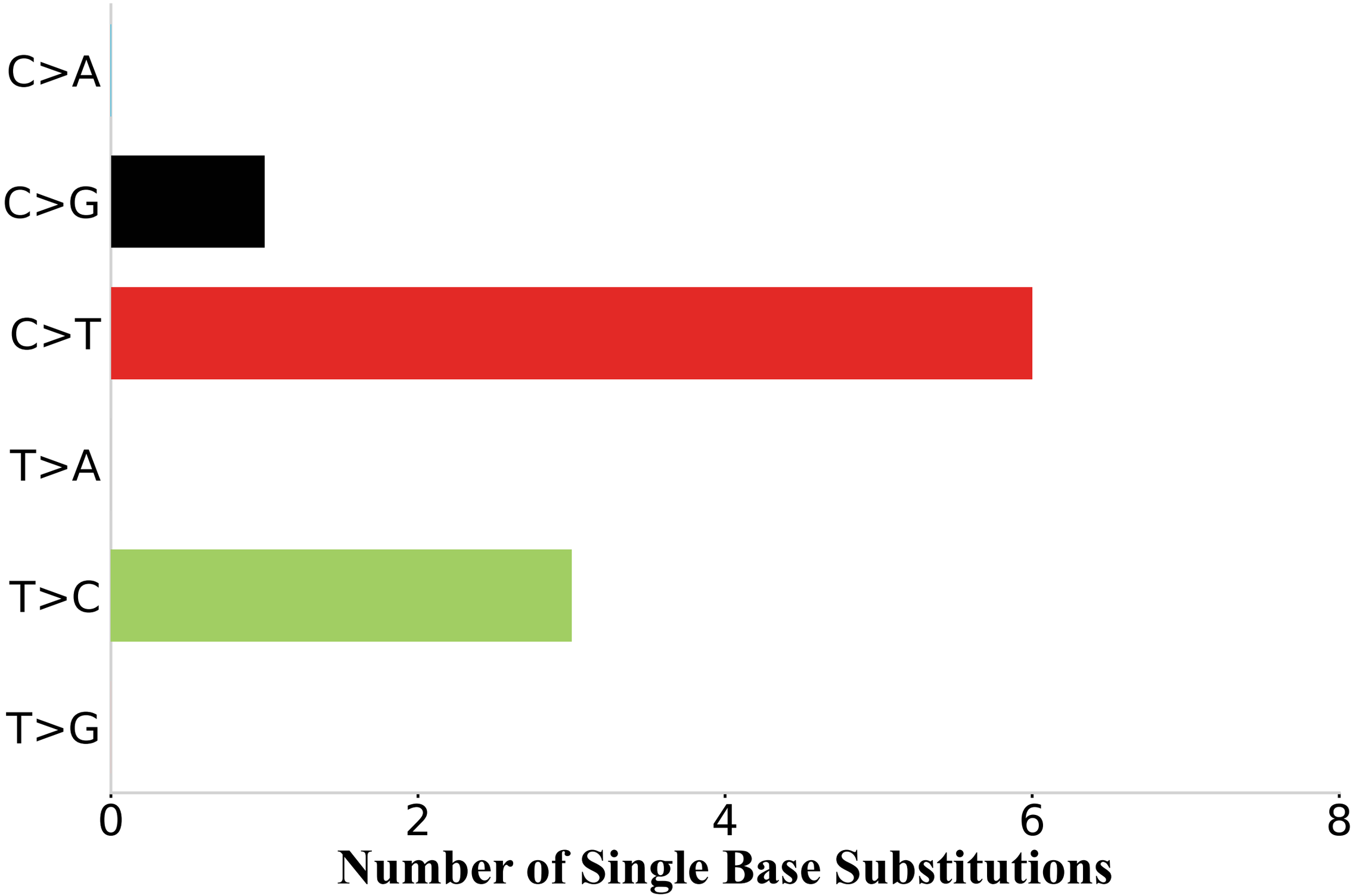

P-0021983-T01-IM6: 9 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

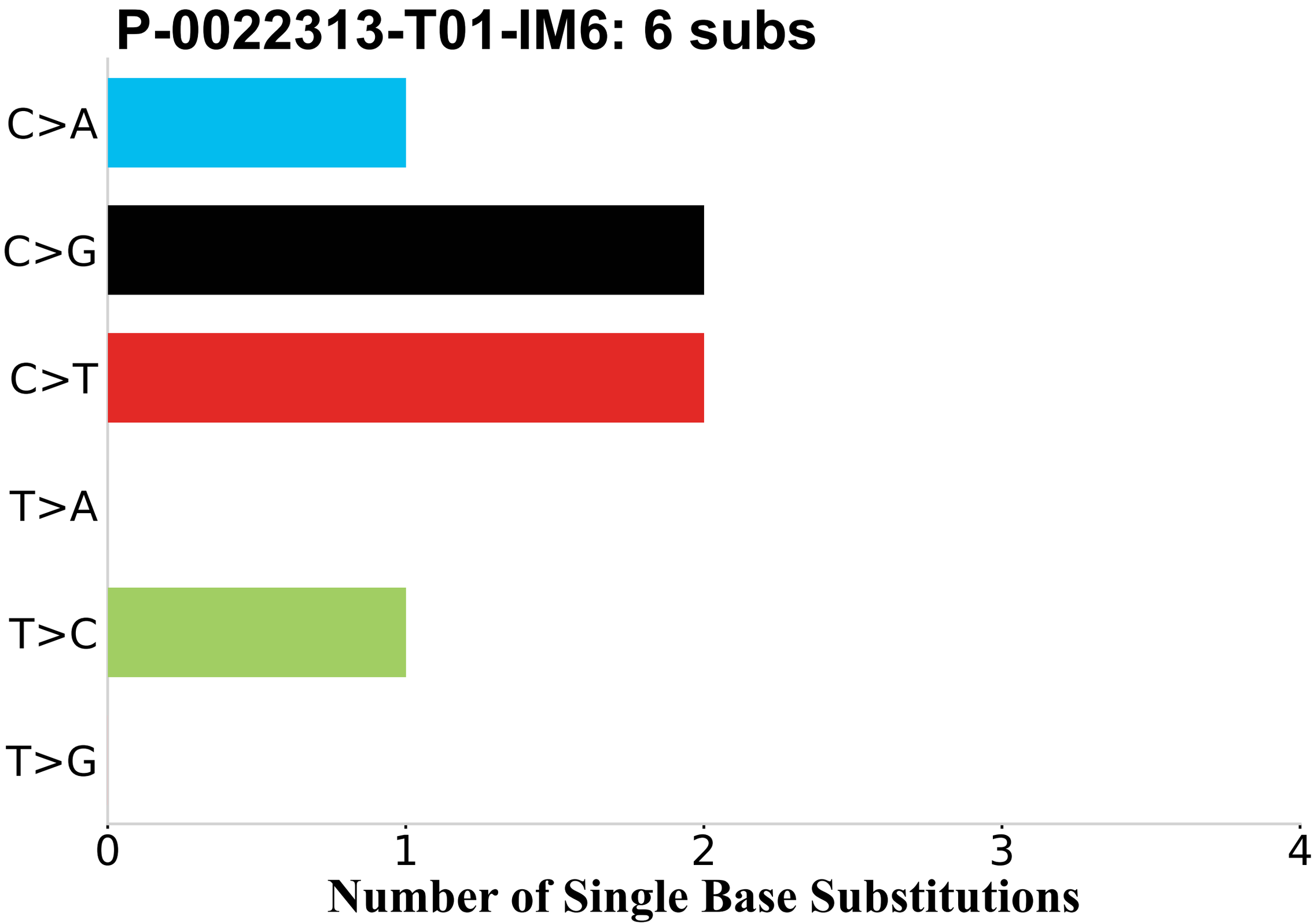
P-0022004-T02-IM6: 3 subs

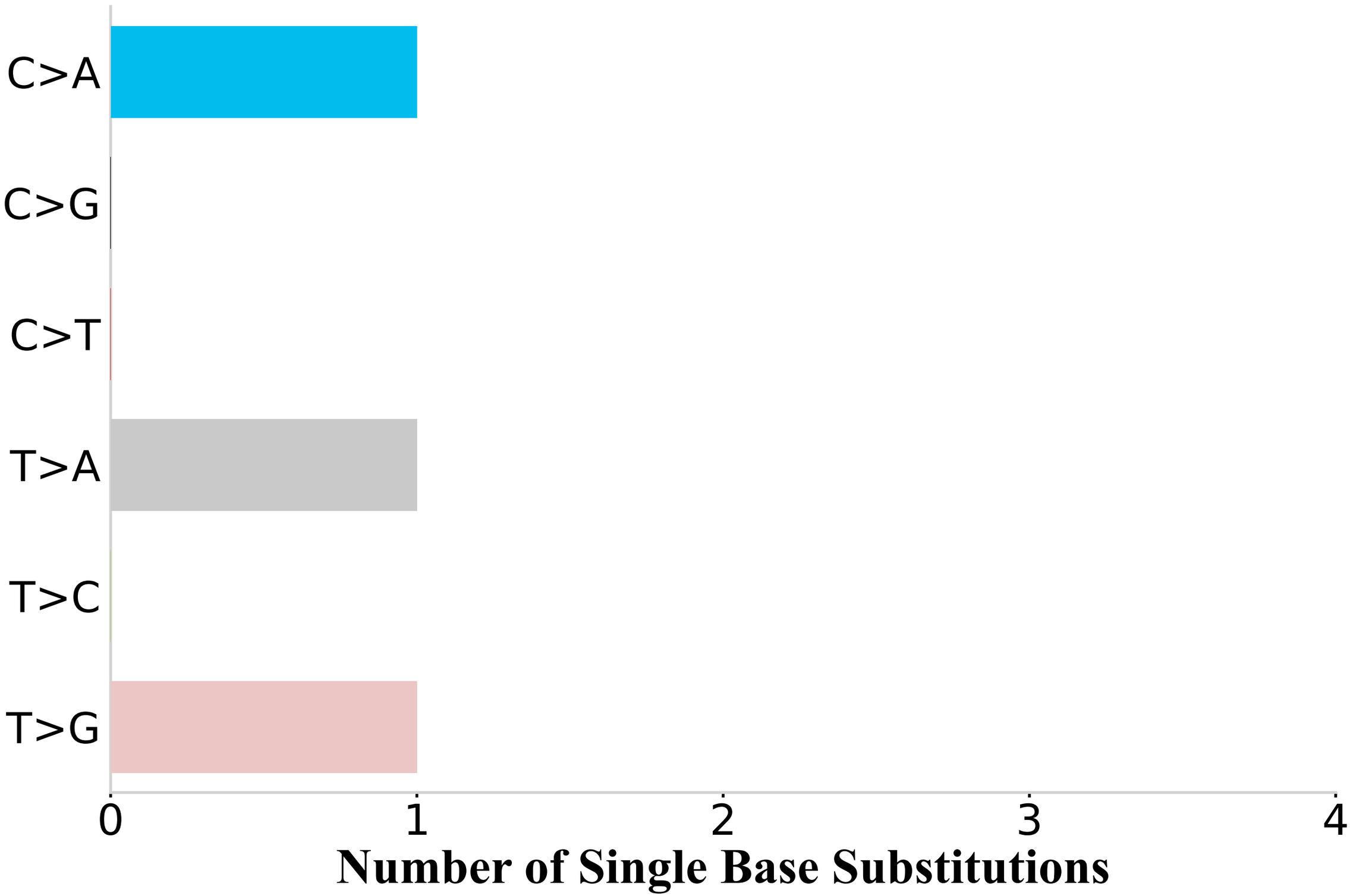



P-0022020-T01-IM6: 3 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

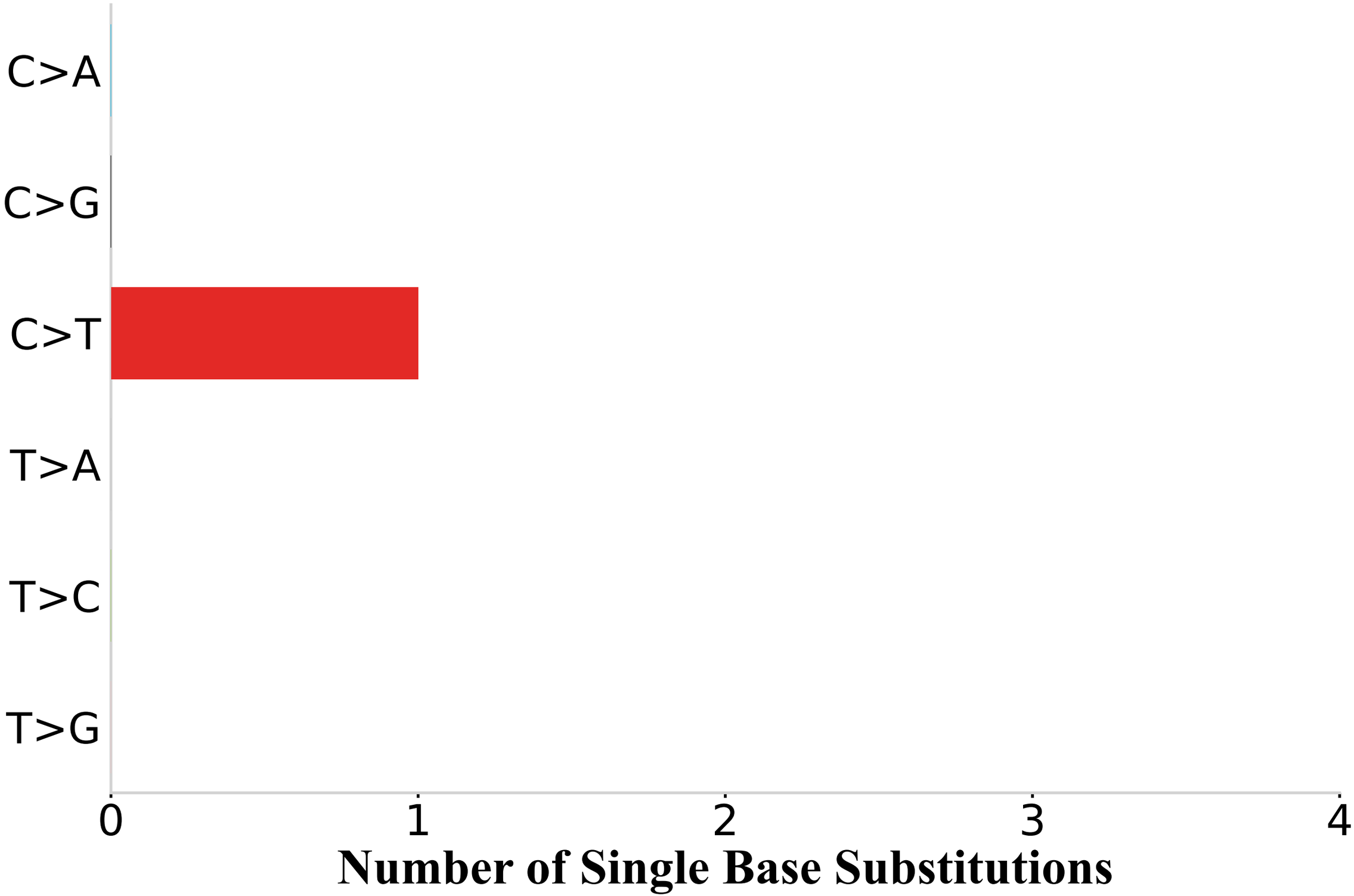
P-0022084-T01-IM6: 10 subs



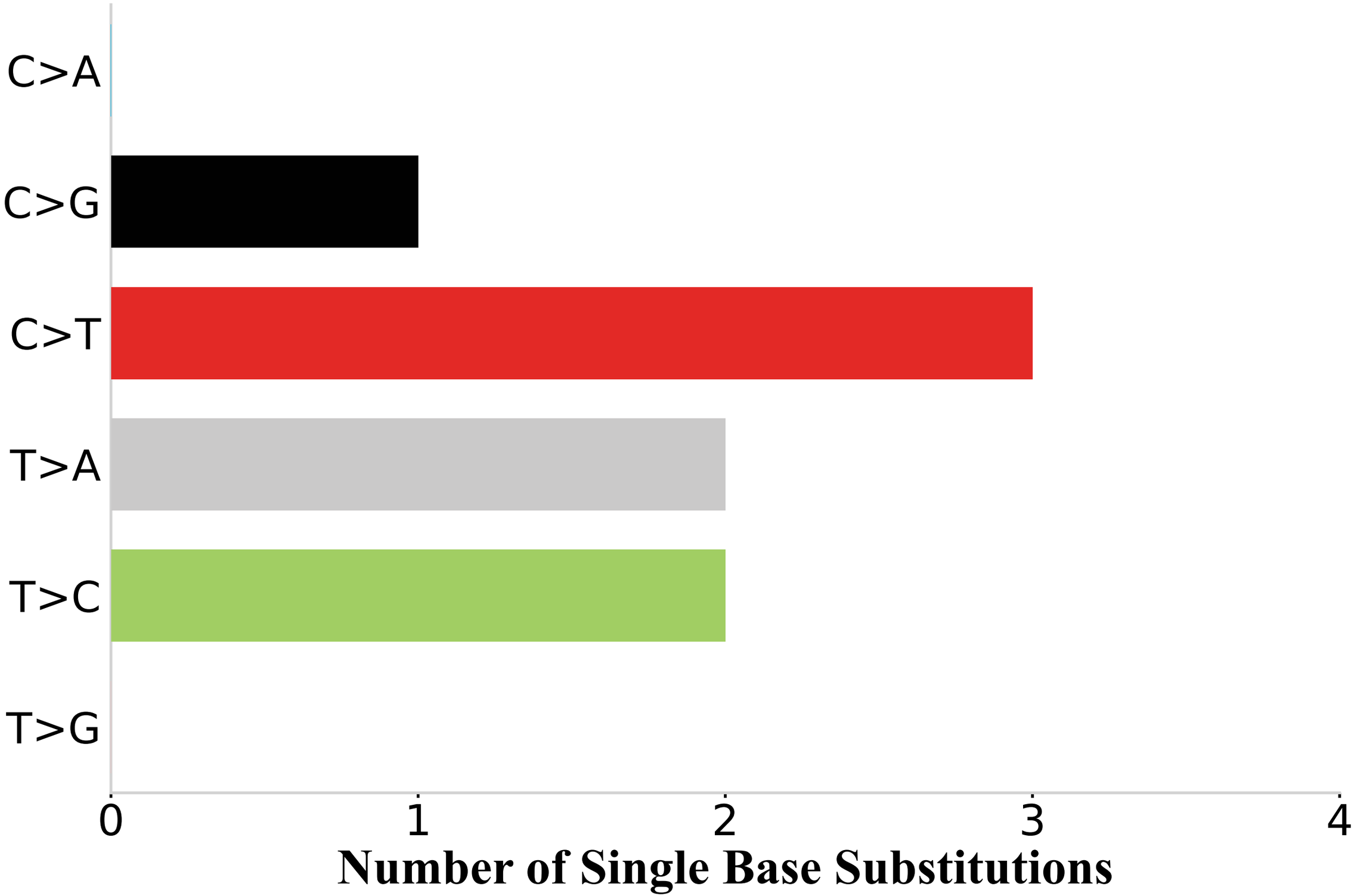

P-0022313-T01-IM6: 6 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions


P-0022423-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

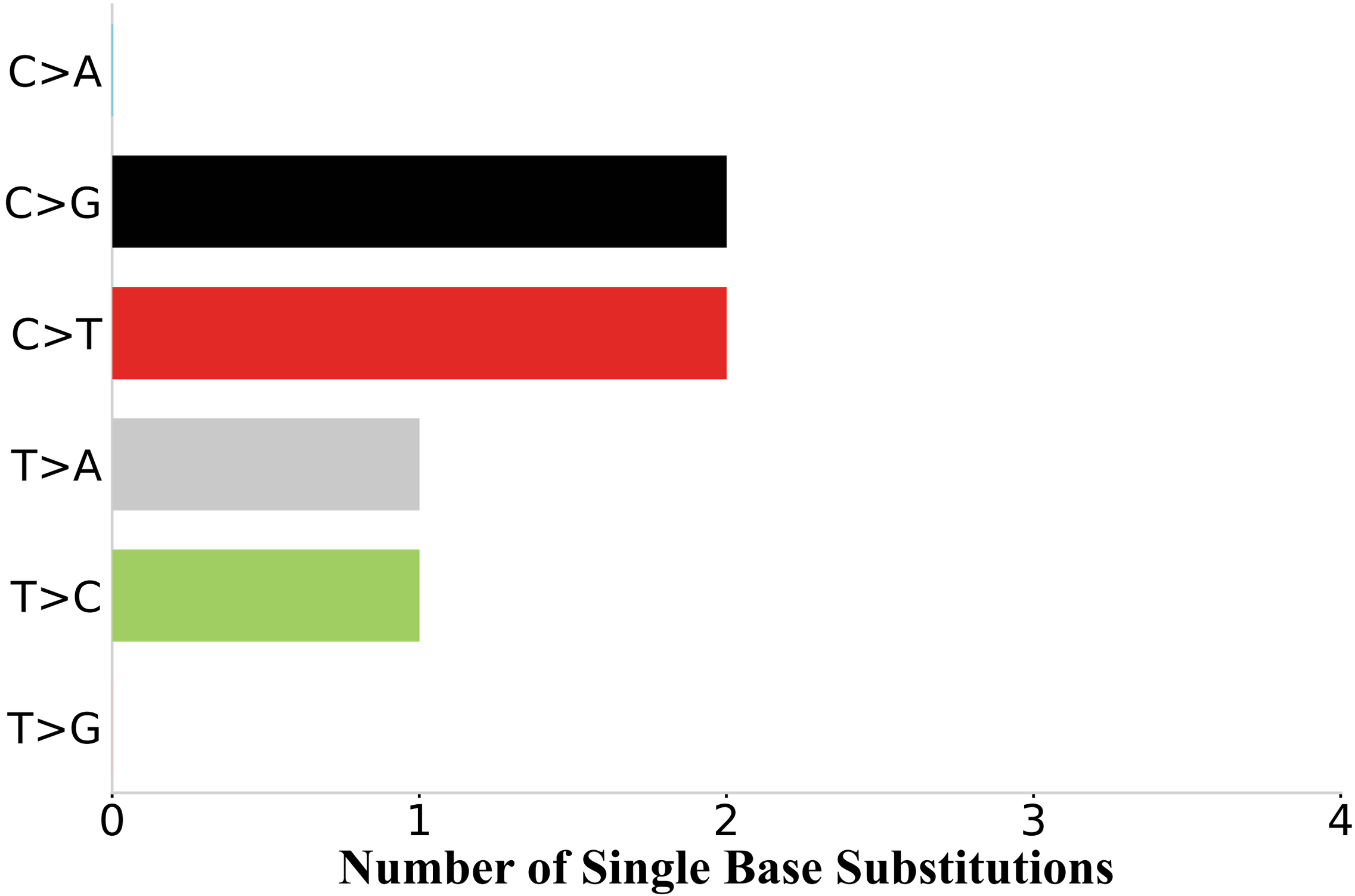
P-0022448-T01-IM6: 1 subs



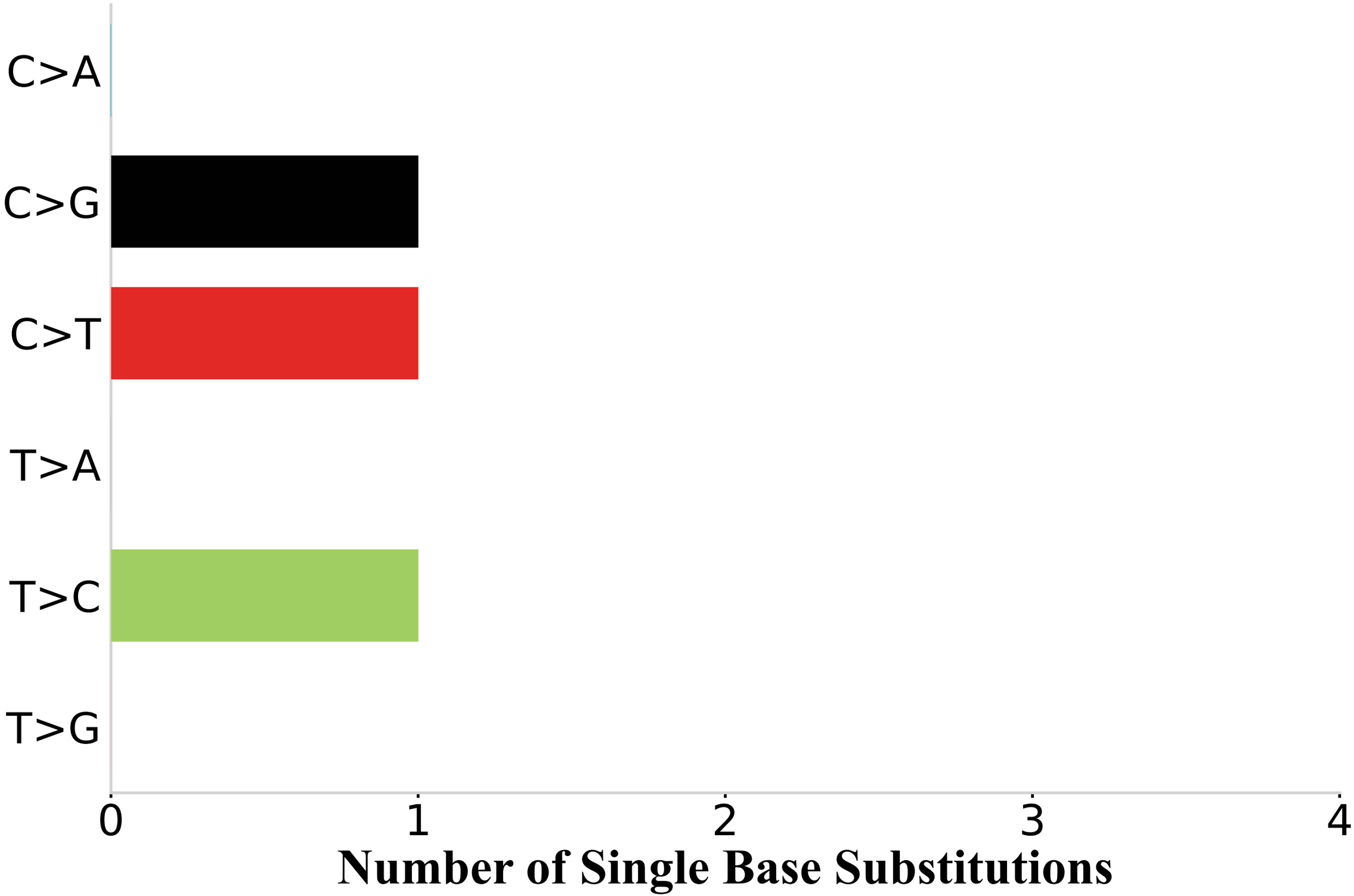
P-0022454-T01-IM6: 8 subs

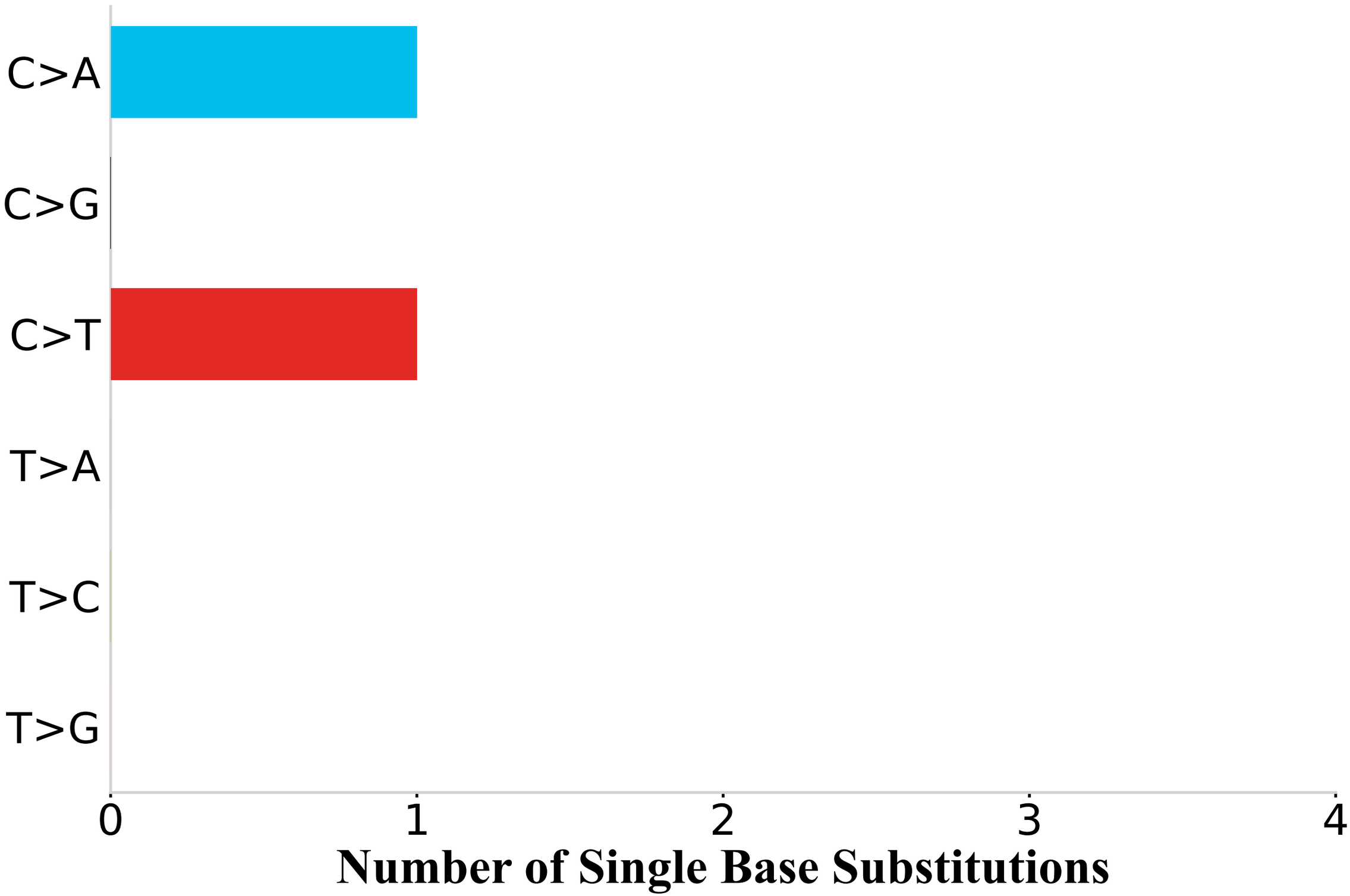


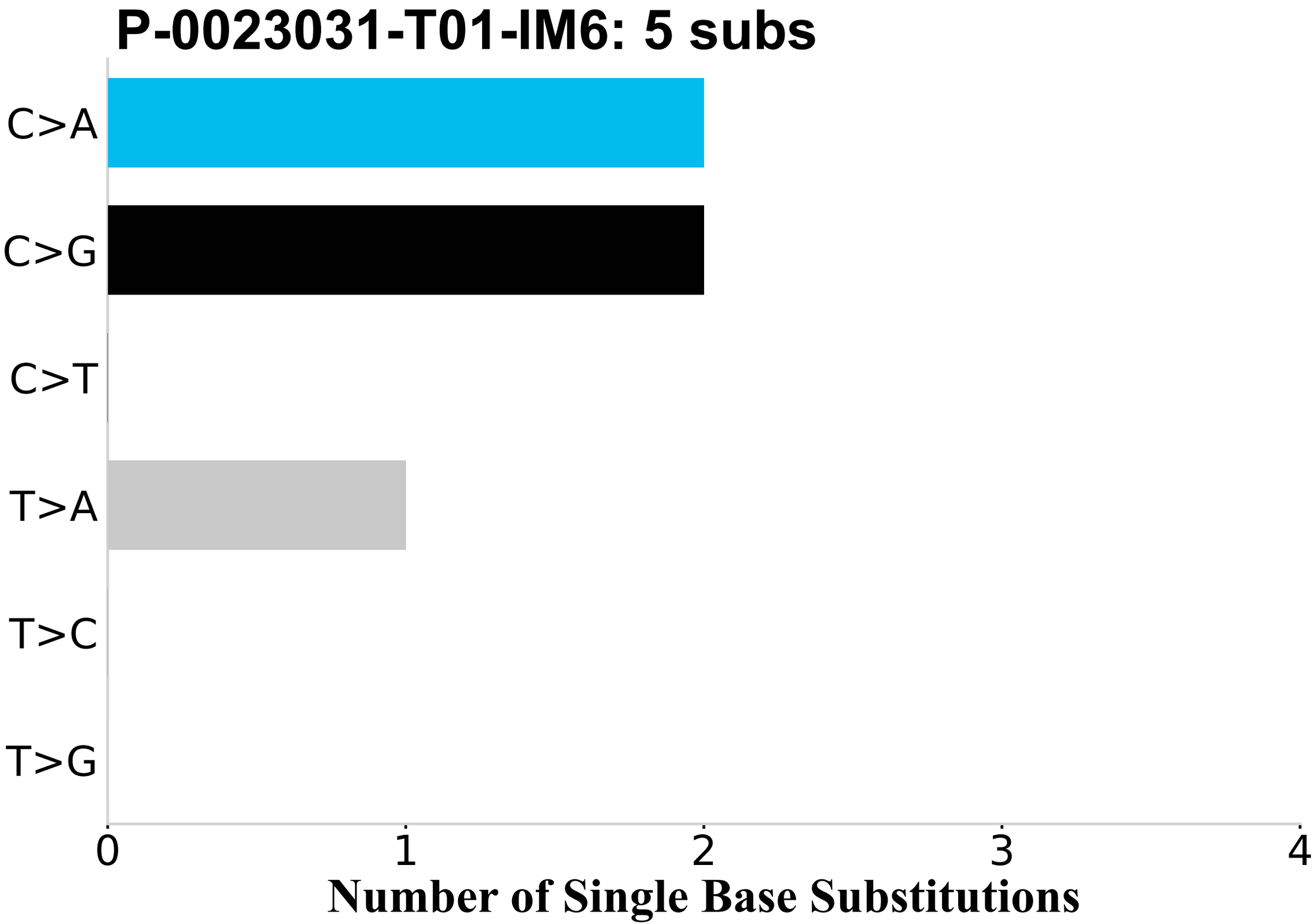
P-0022530-T02-IM6: 6 subs



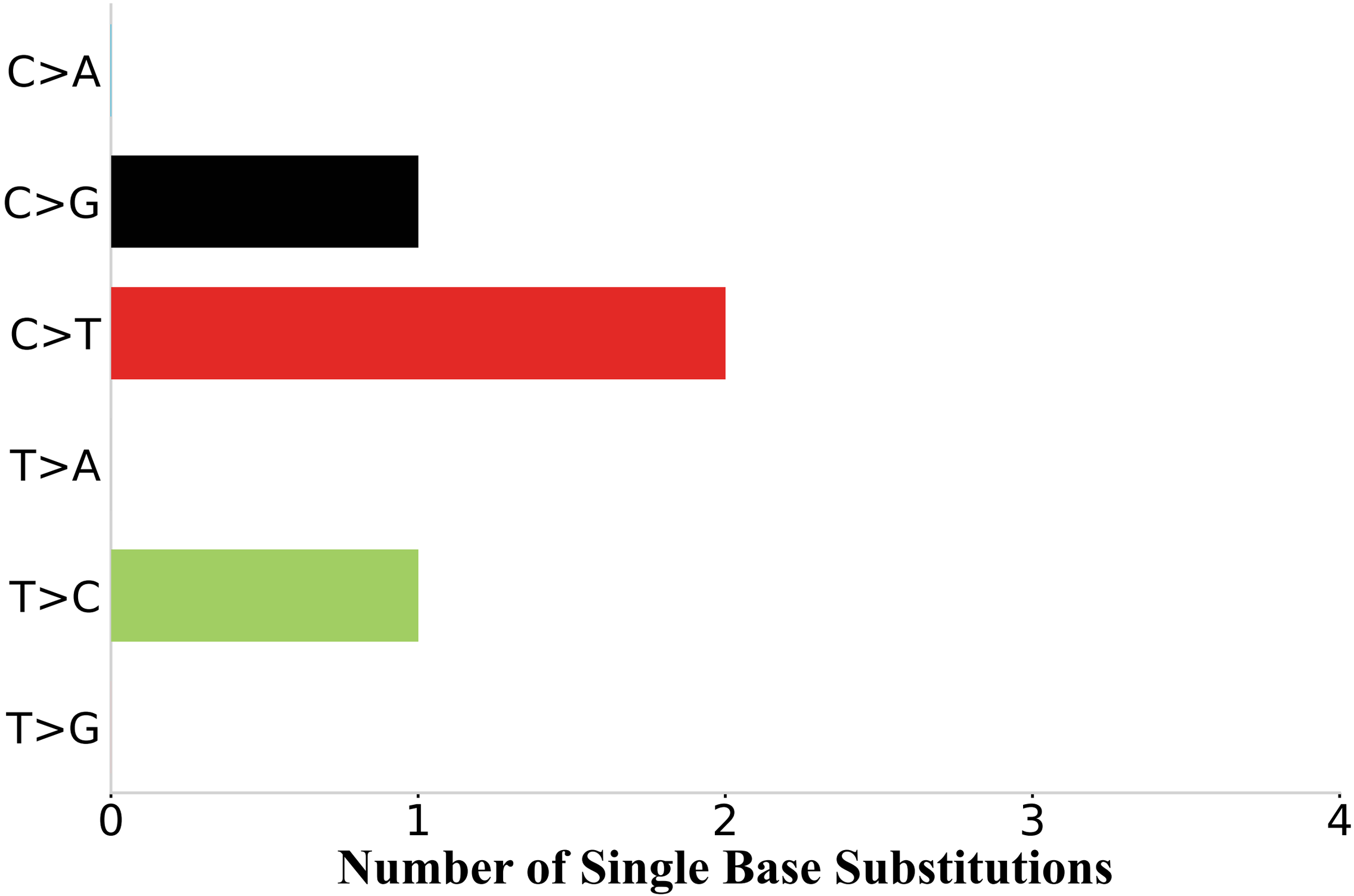
P-0022651-T01-IM6: 3 subs

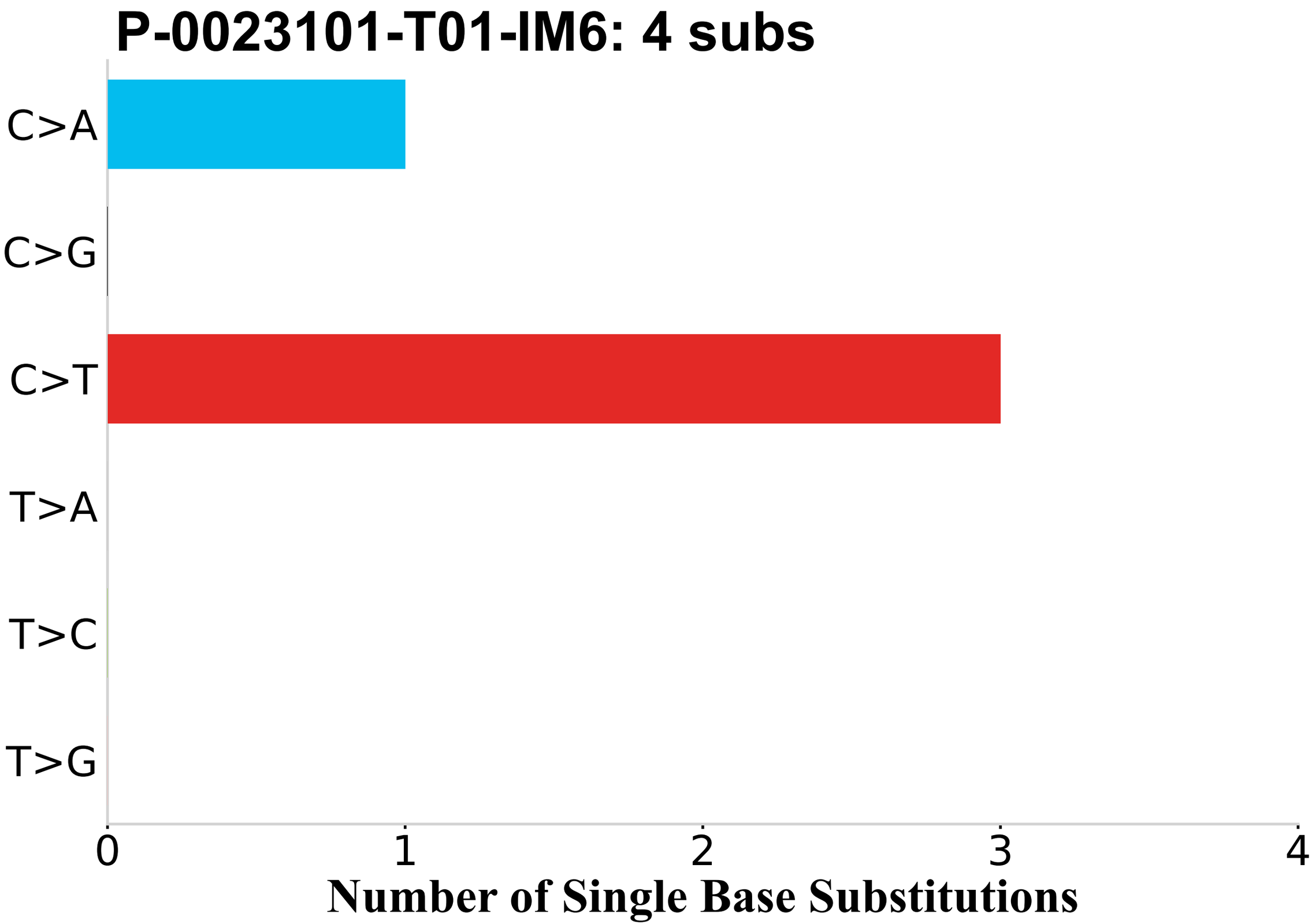



P-0023017-T01-IM6: 2 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

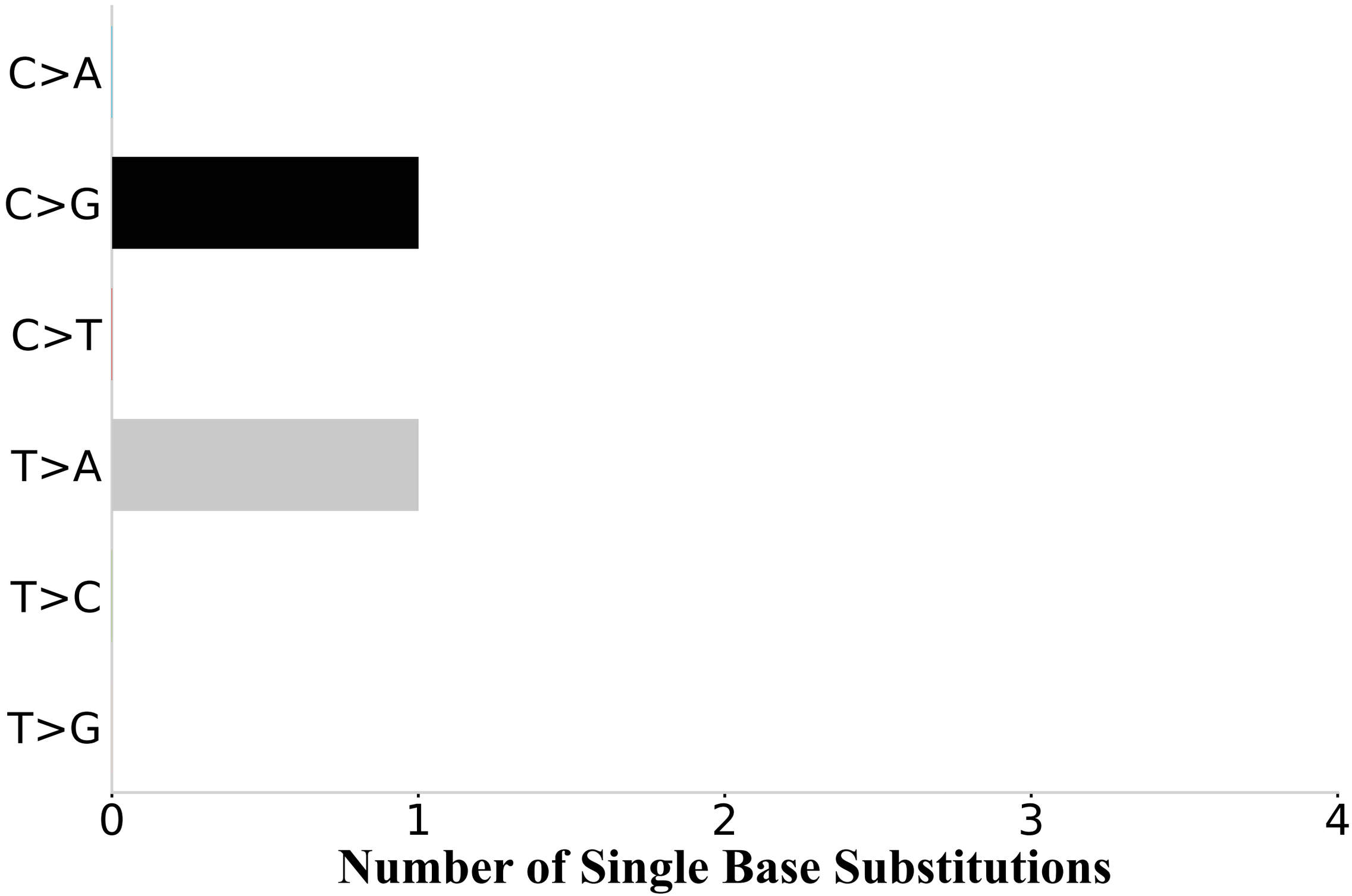

P-0023031-T01-IM6: 5 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

P-0023049-T01-IM6: 4 subs



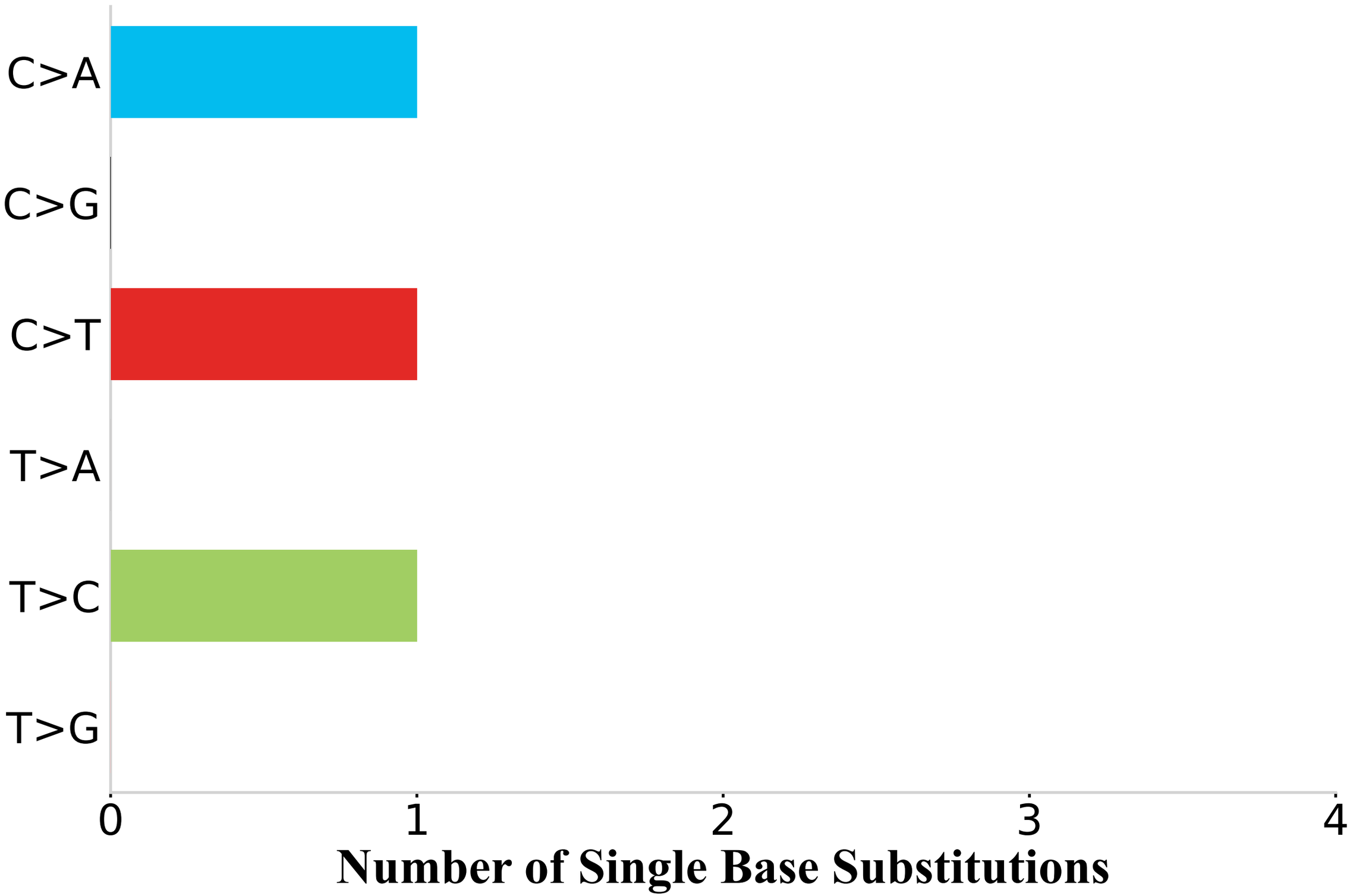

P-0023101-T01-IM6: 4 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

P-0023212-T01-IM6: 2 subs

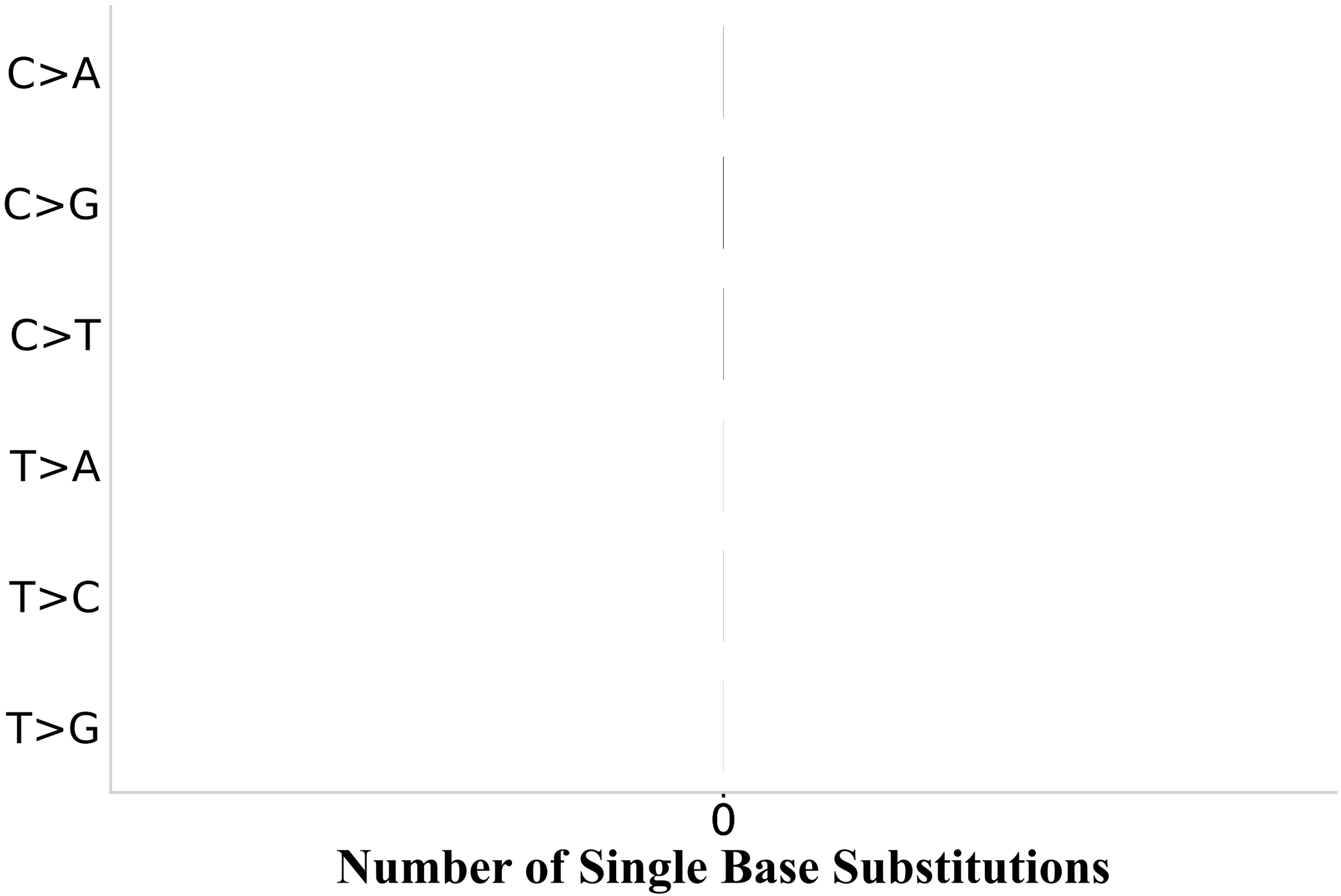


P-0023281-T01-IM6: 4 subs

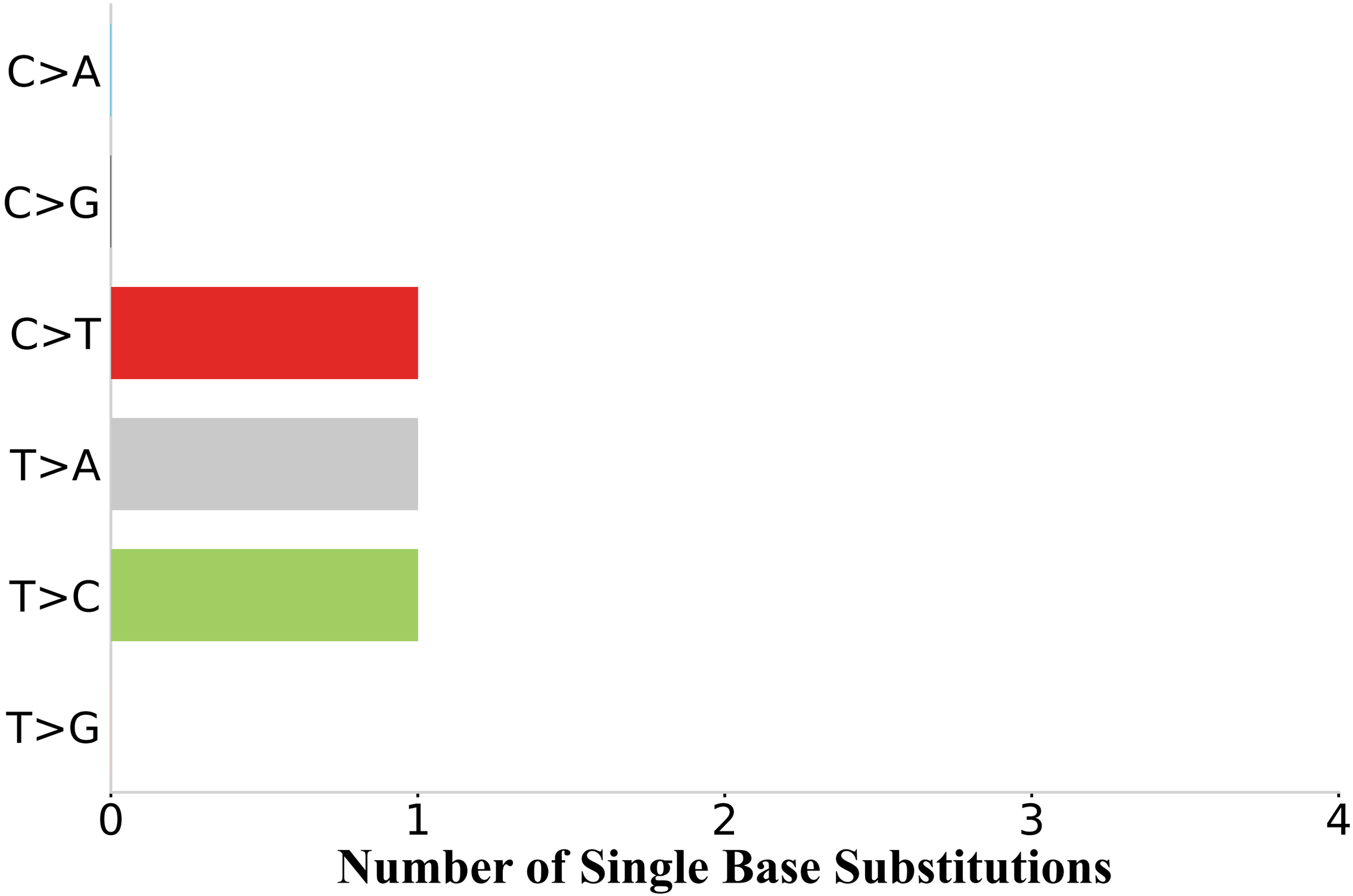
P-0023320-T02-IM6: 3 subs



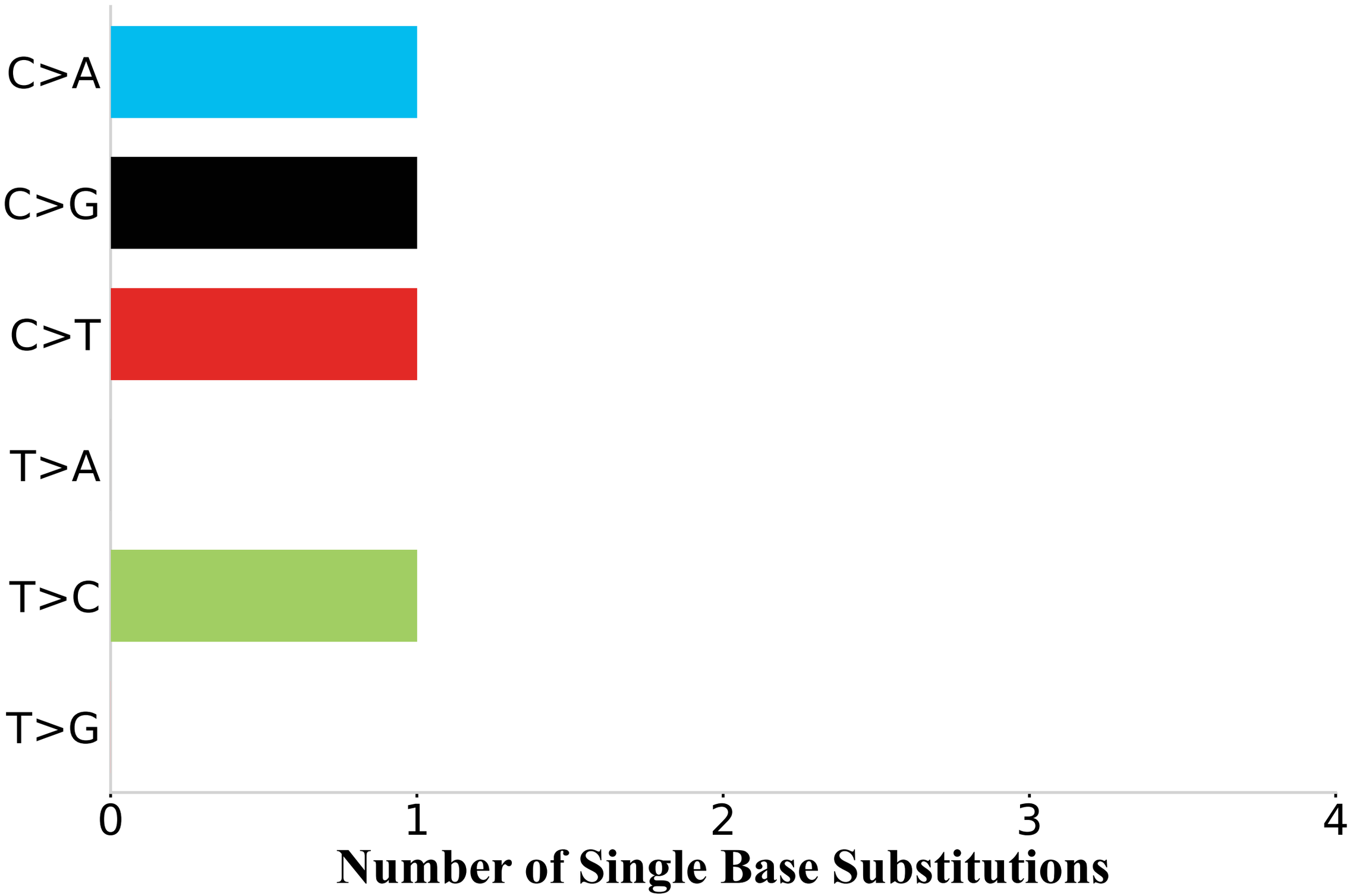
P-0023371-T01-IM6: 0 subs

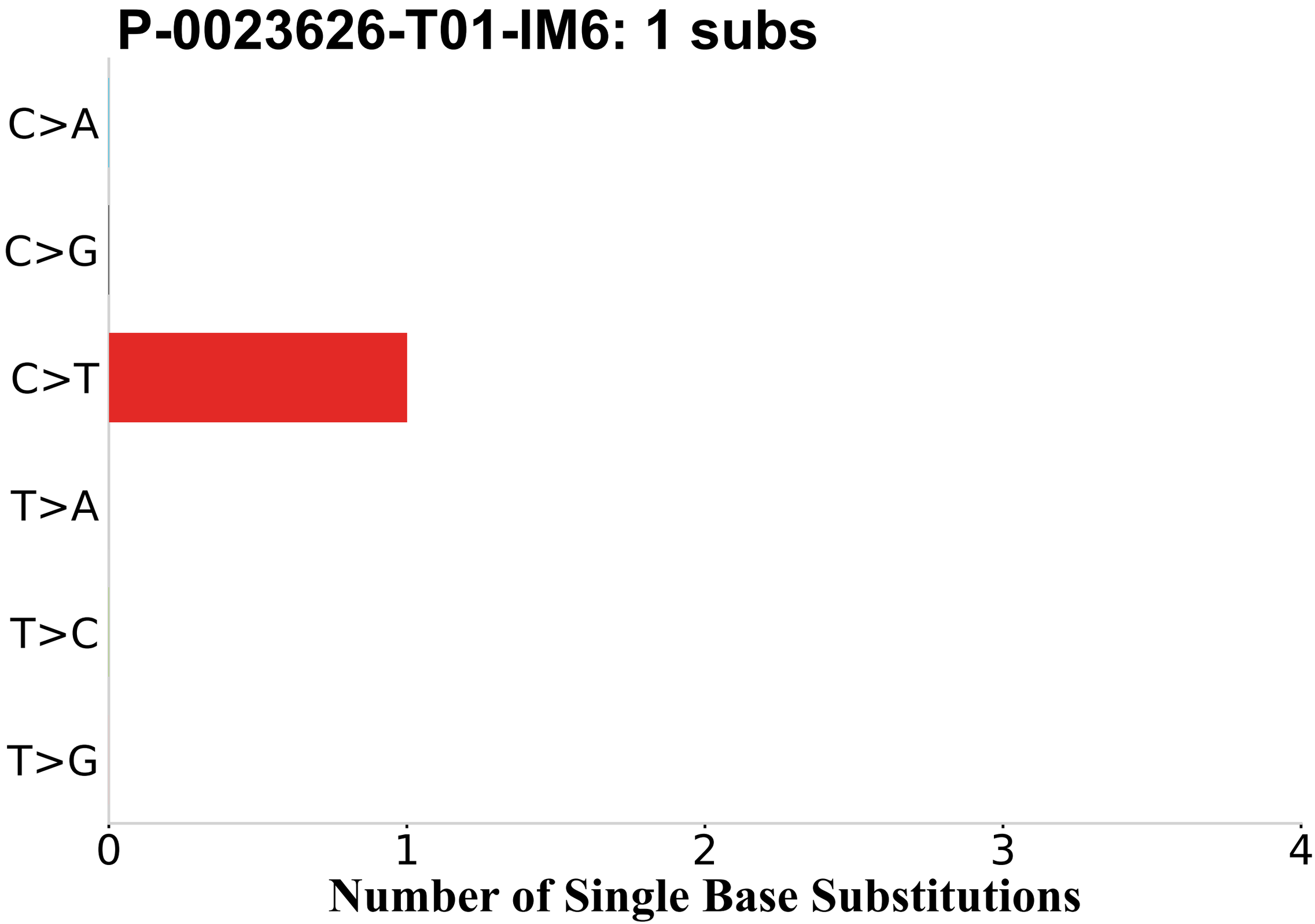


P-0023442-T01-IM6: 3 subs

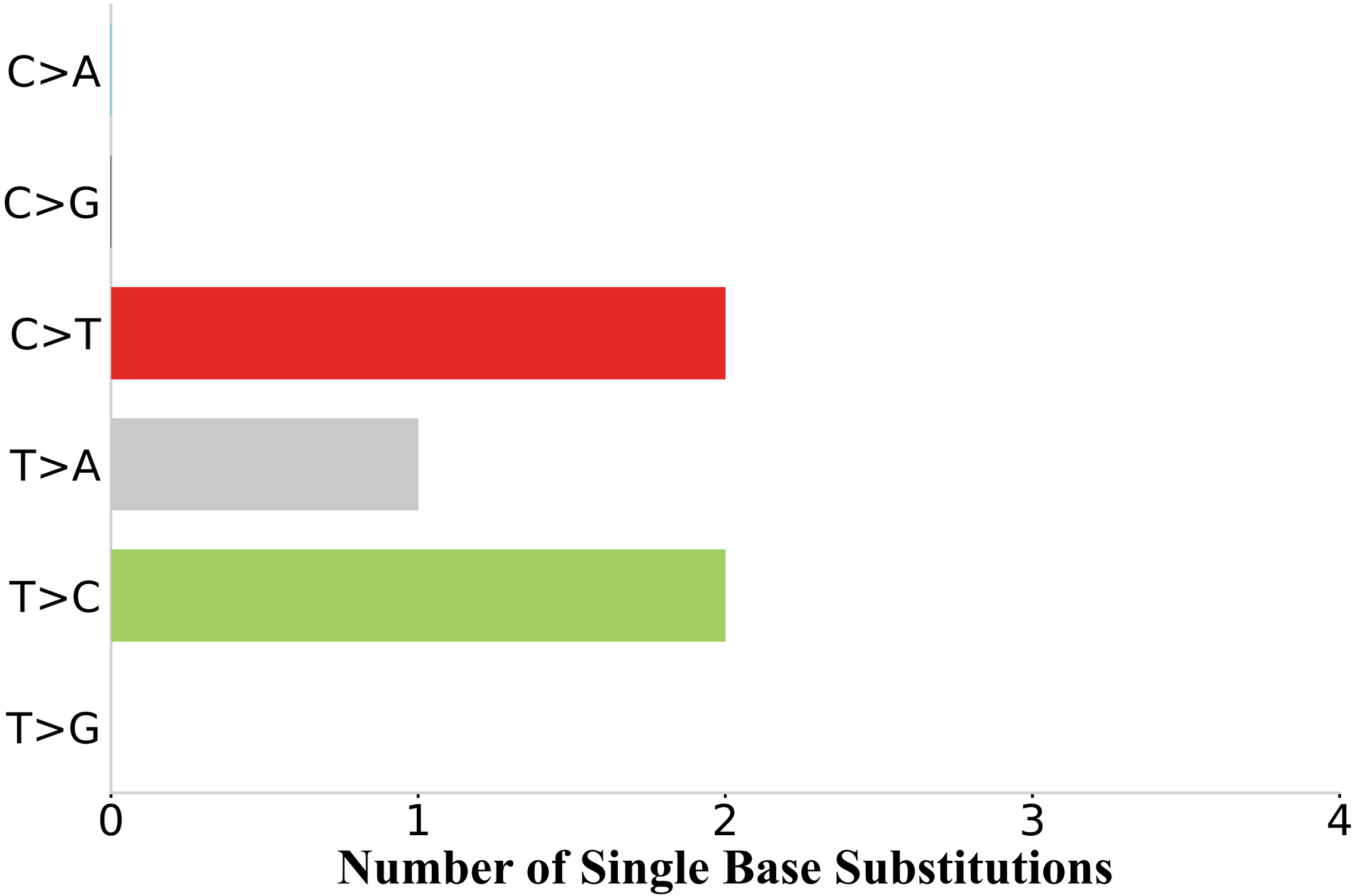


P-0023597-T01-IM6: 4 subs

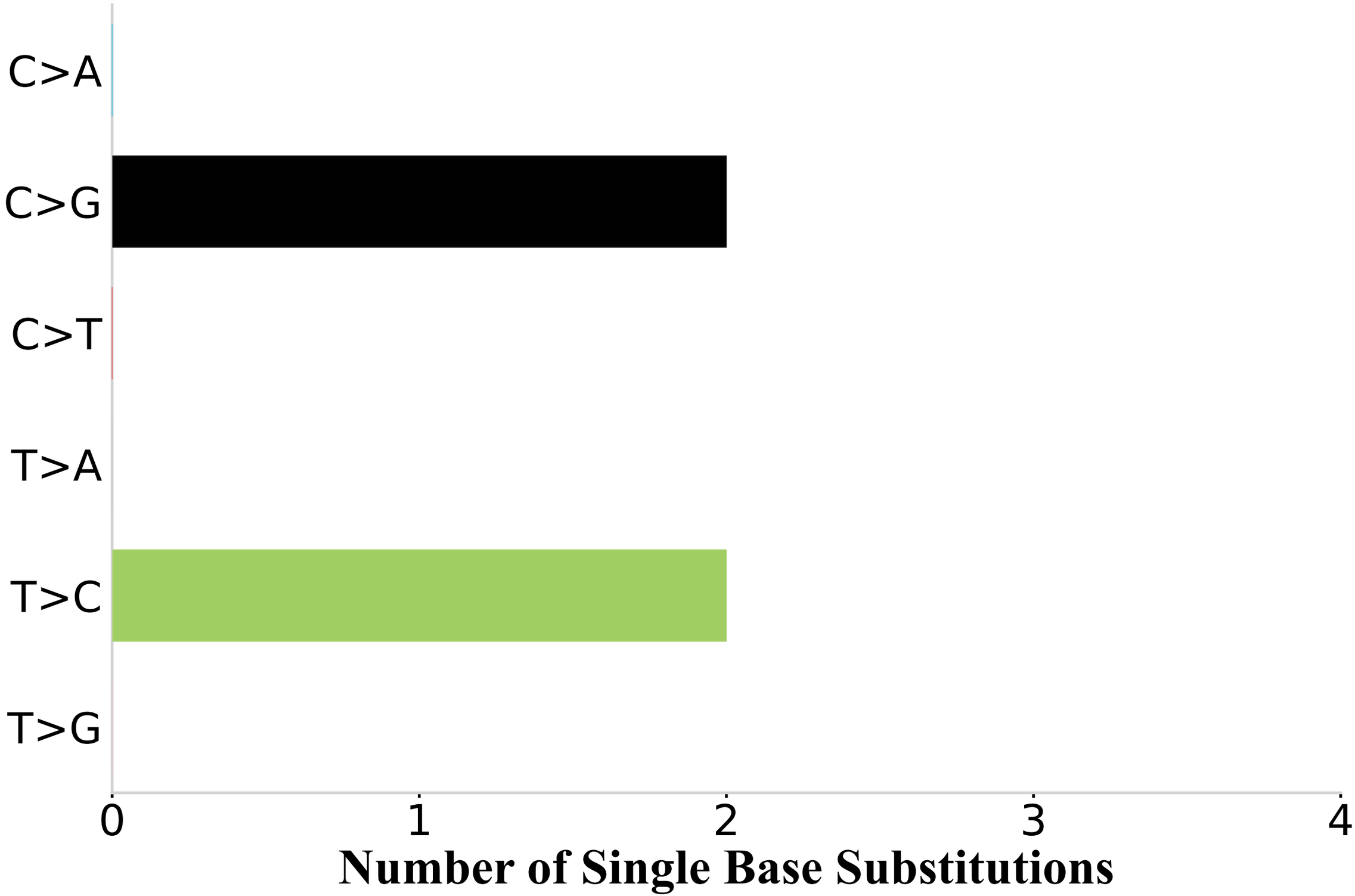


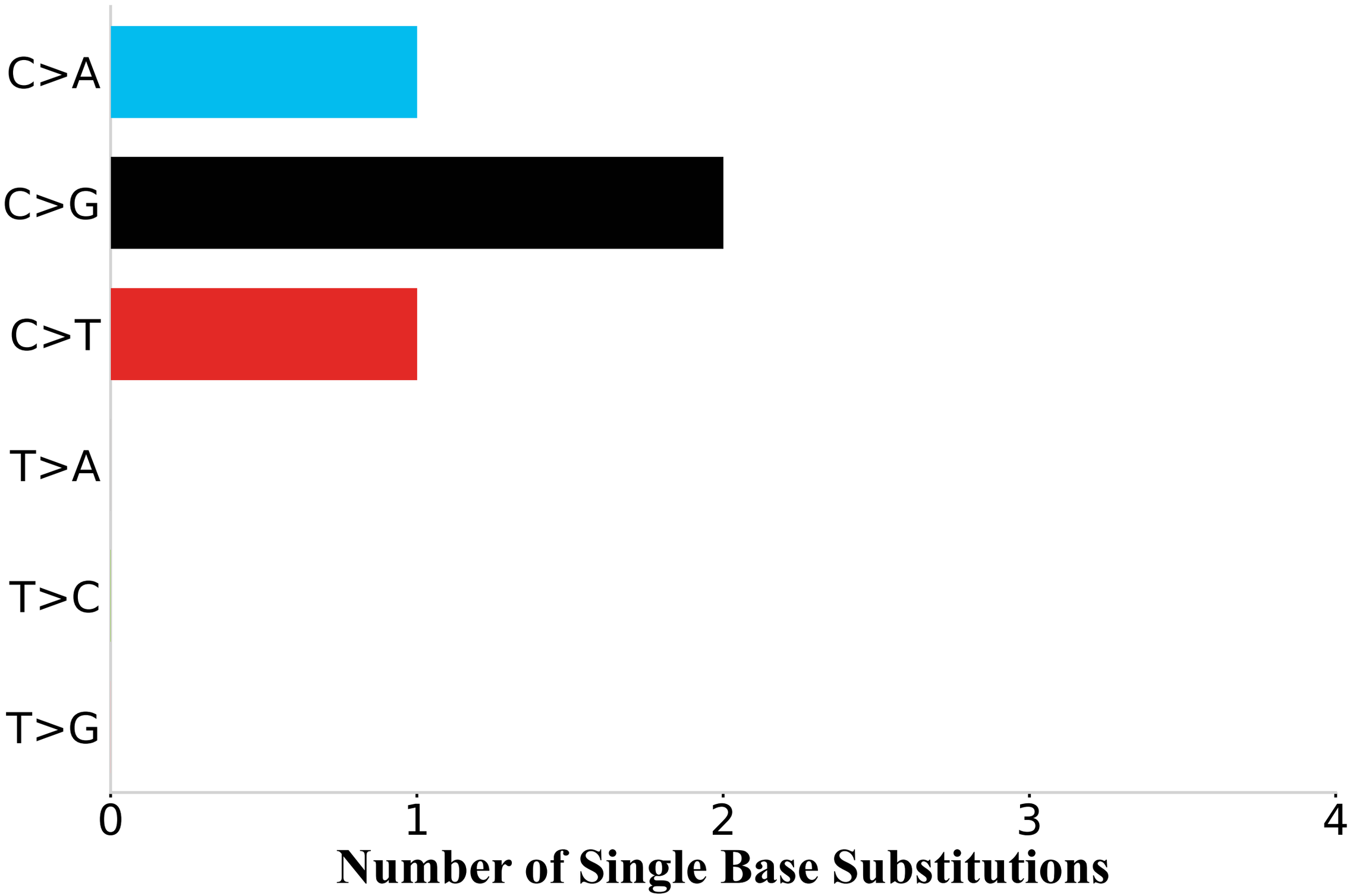

P-0023626-T01-IM6: 1 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

P-0023702-T01-IM6: 5 subs

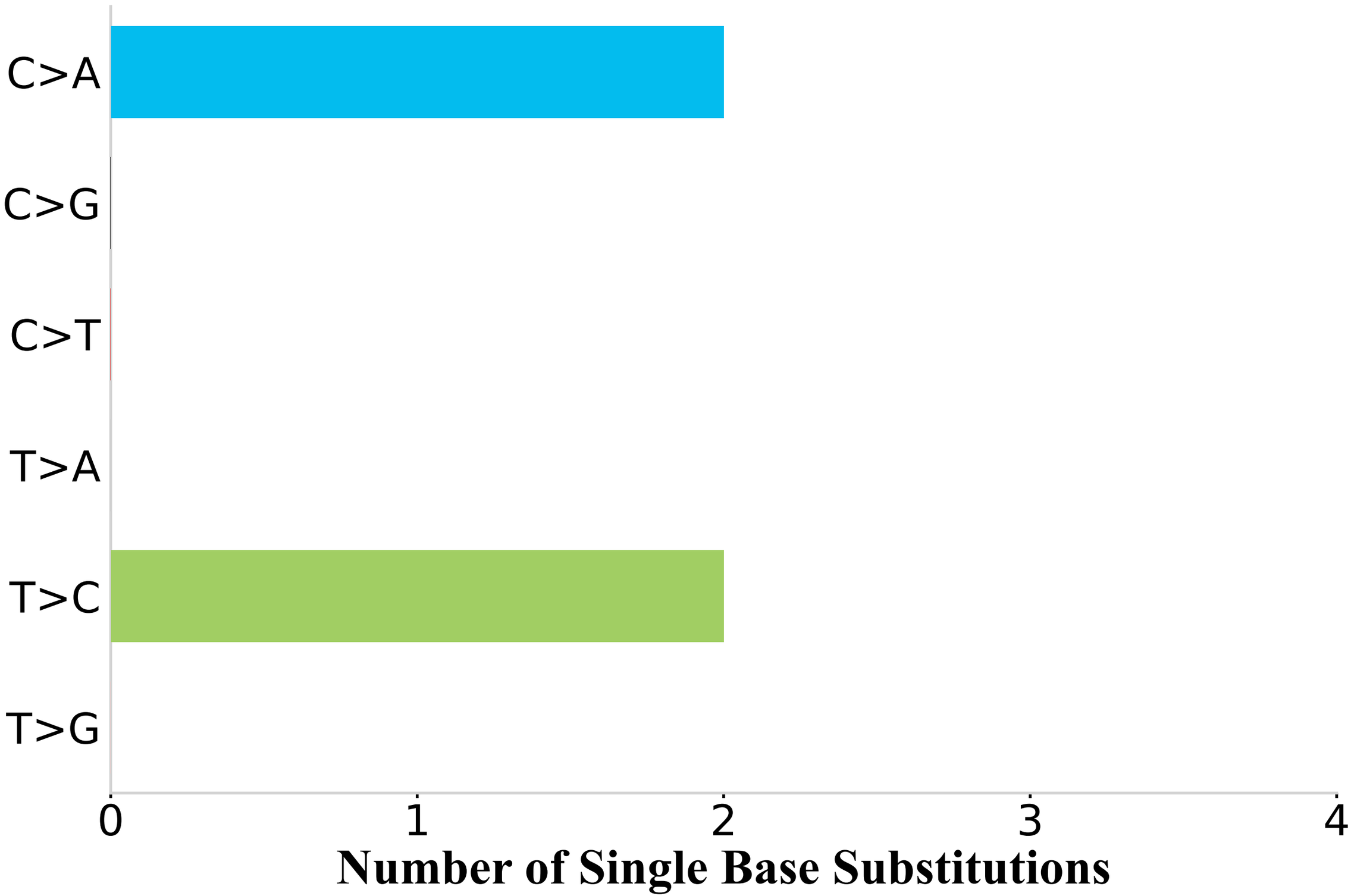


P-0023718-T01-IM6: 4 subs




P-0023737-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

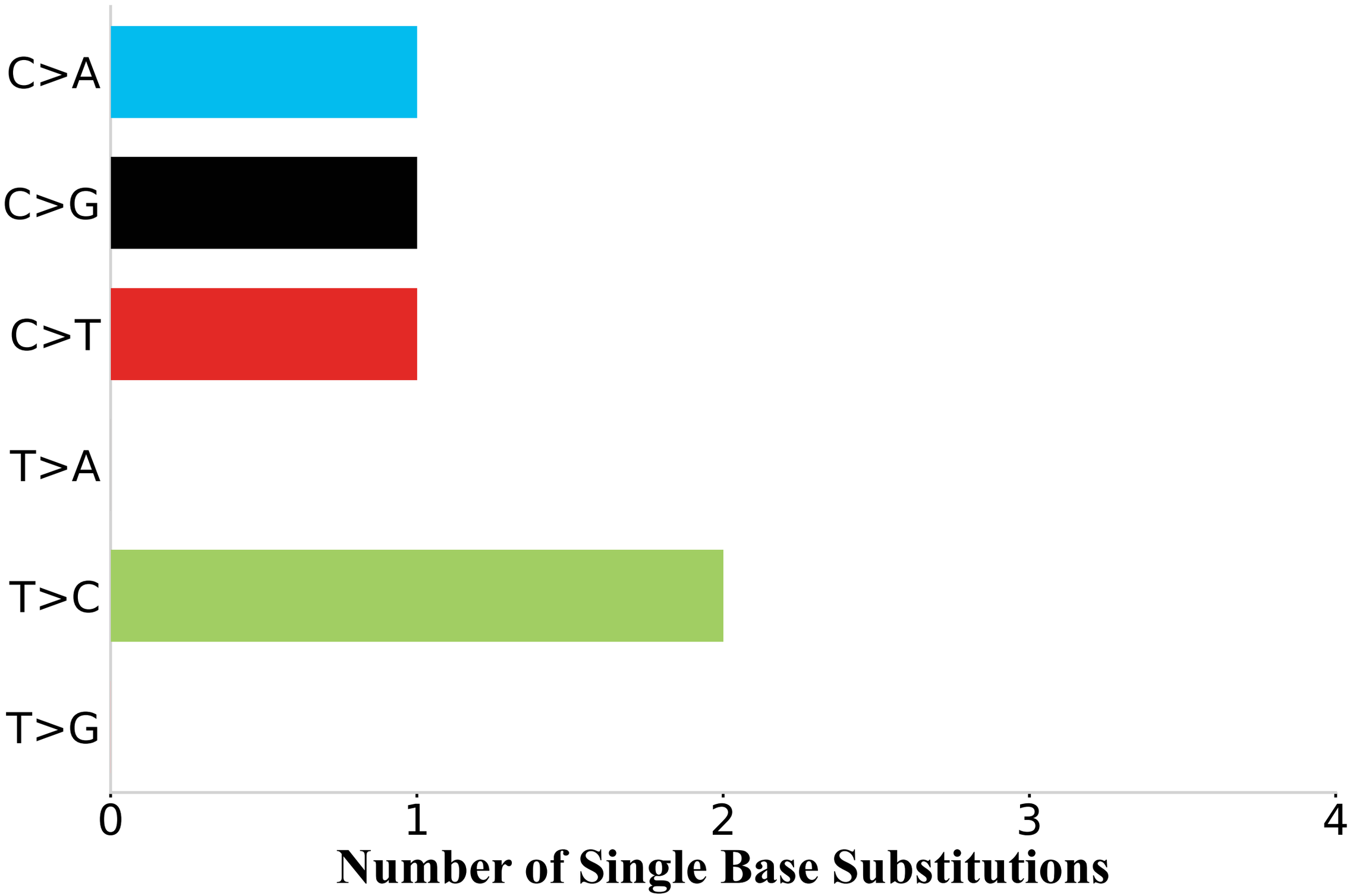
P-0023994-T05-IM6: 4 subs



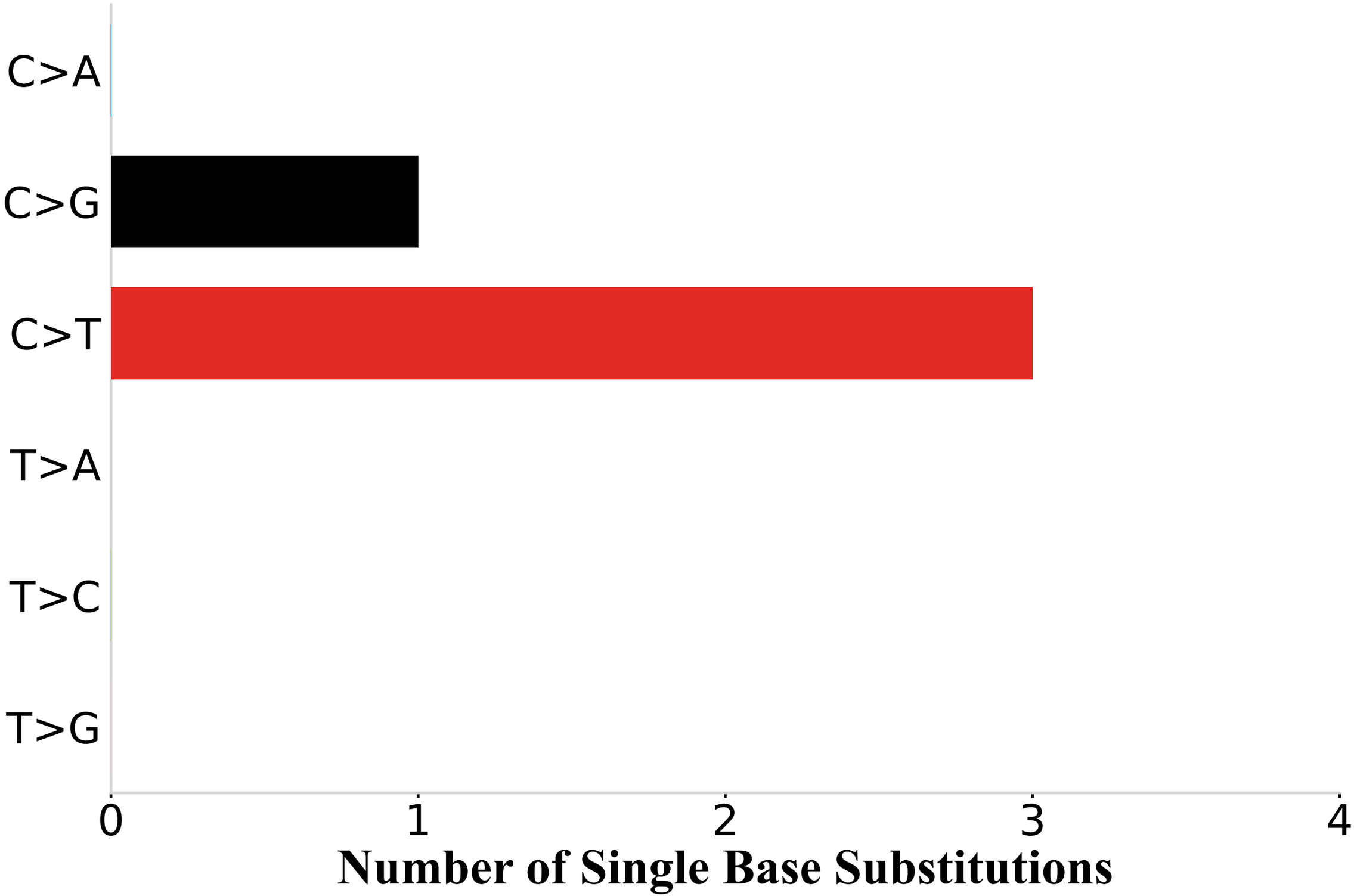
P-0024024-T01-IM6: 1 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

P-0024059-T01-IM6: 2 subs

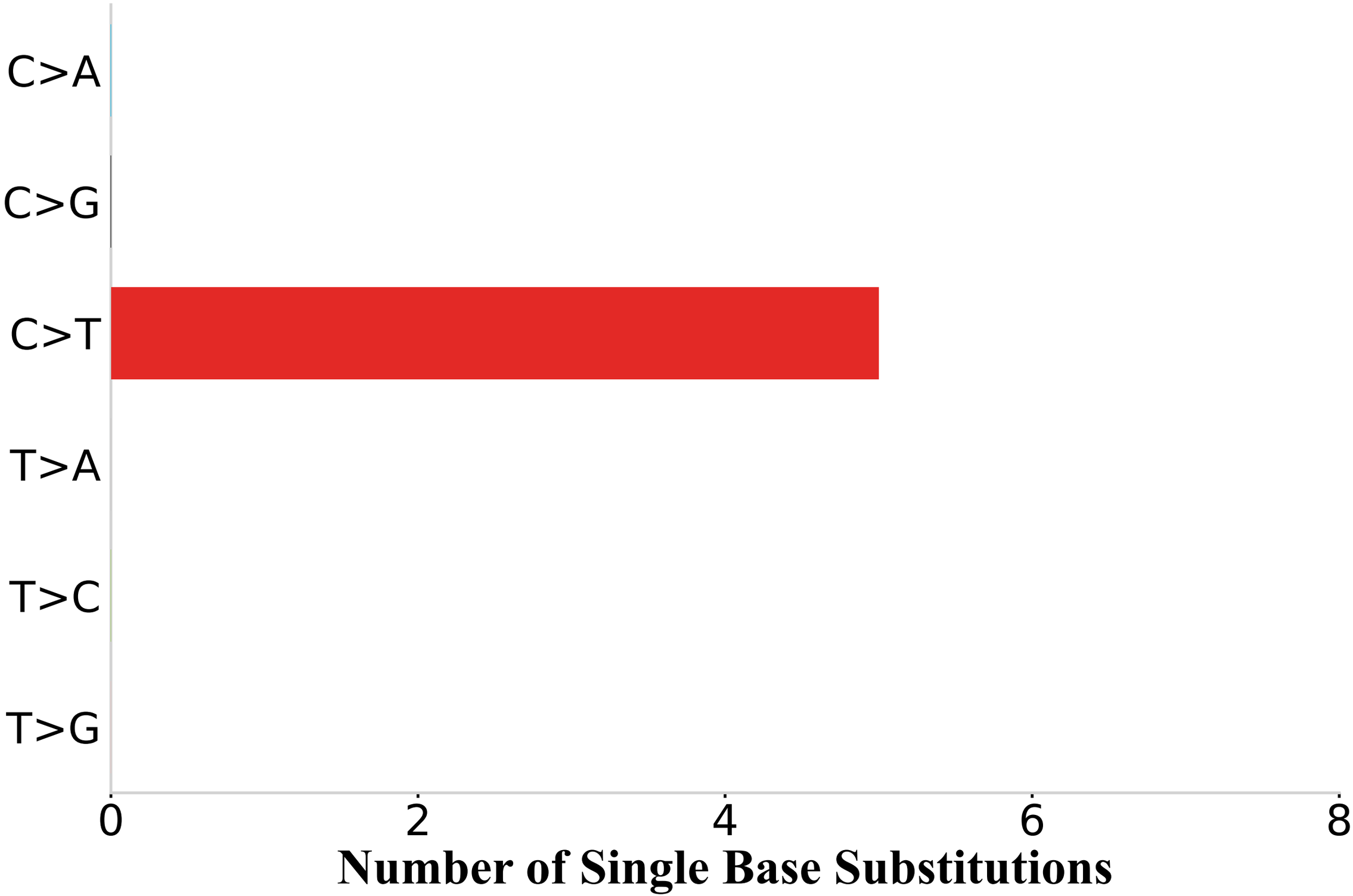
P-0024083-T02-IM6: 5 subs



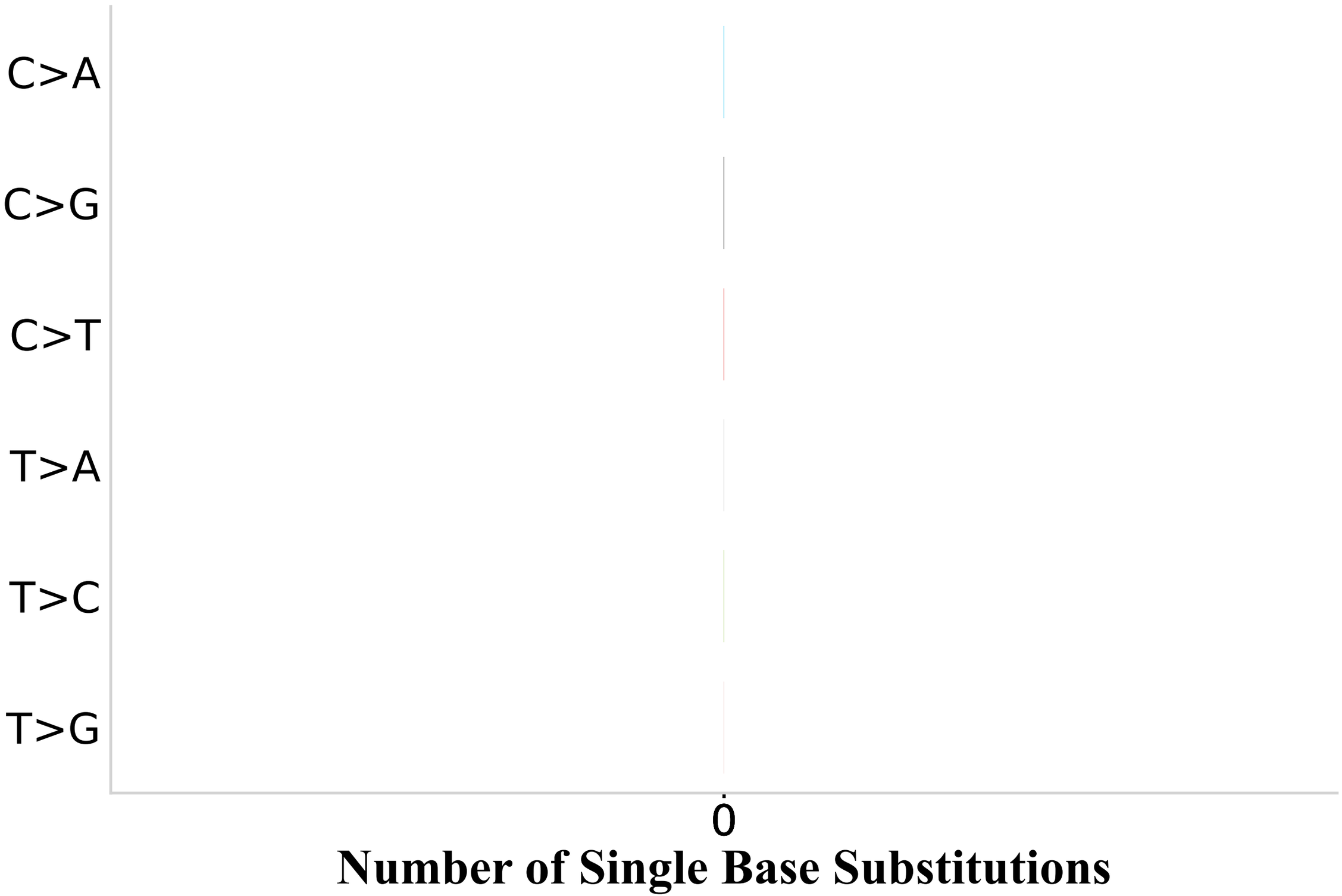
P-0024105-T01-IM6: 4 subs



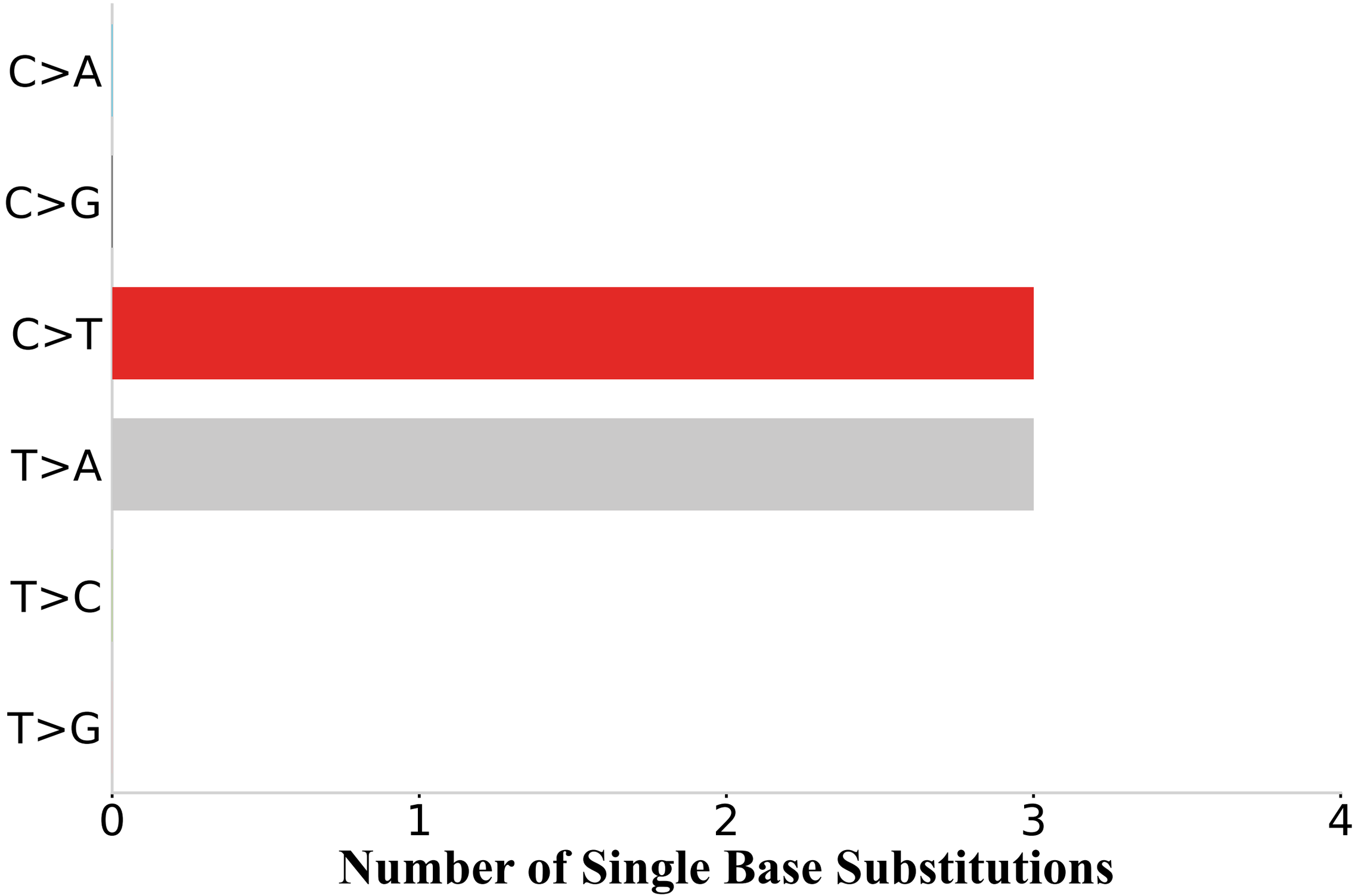
P-0024132-T01-IM6: 5 subs



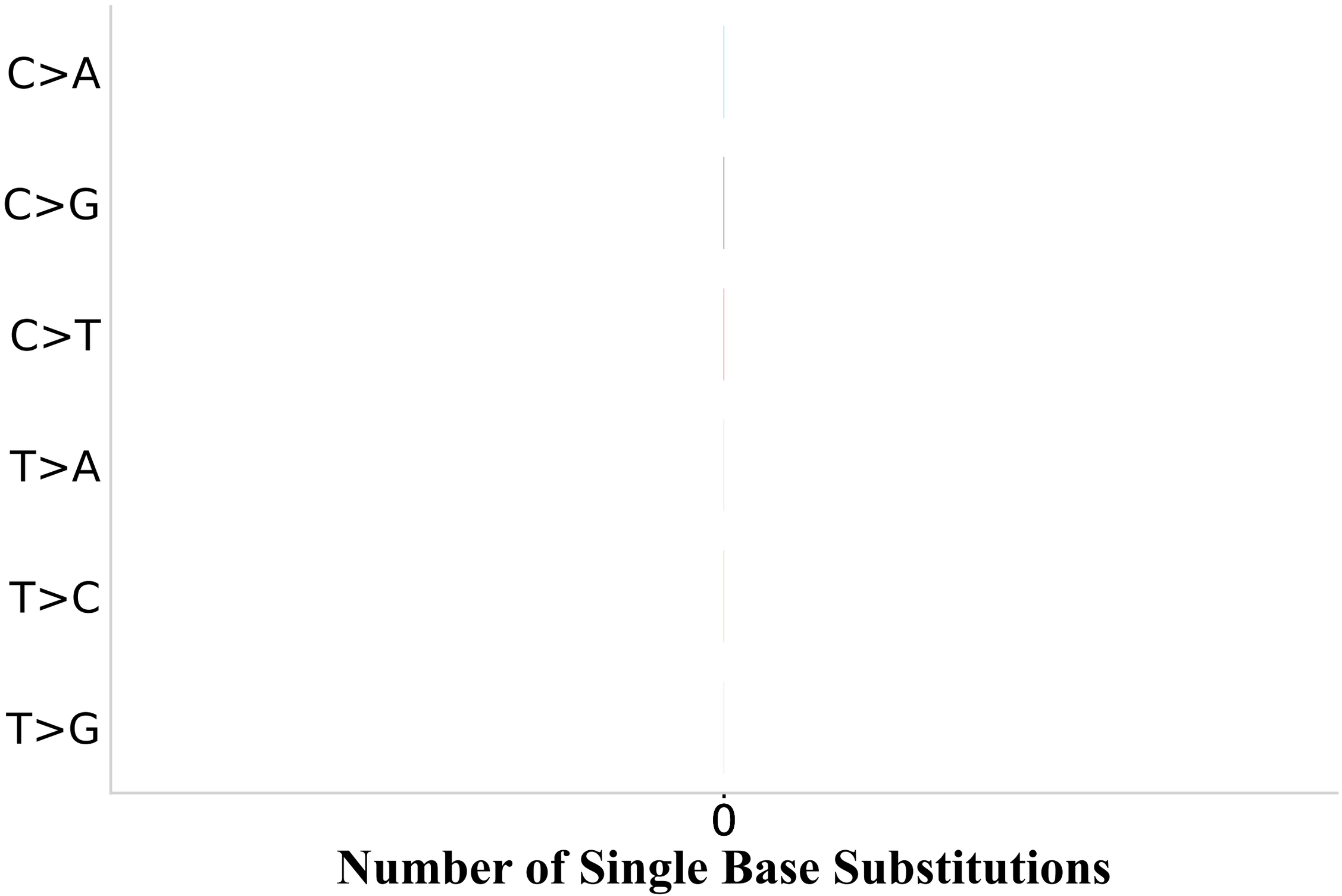
P-0024137-T01-IM6: 0 subs

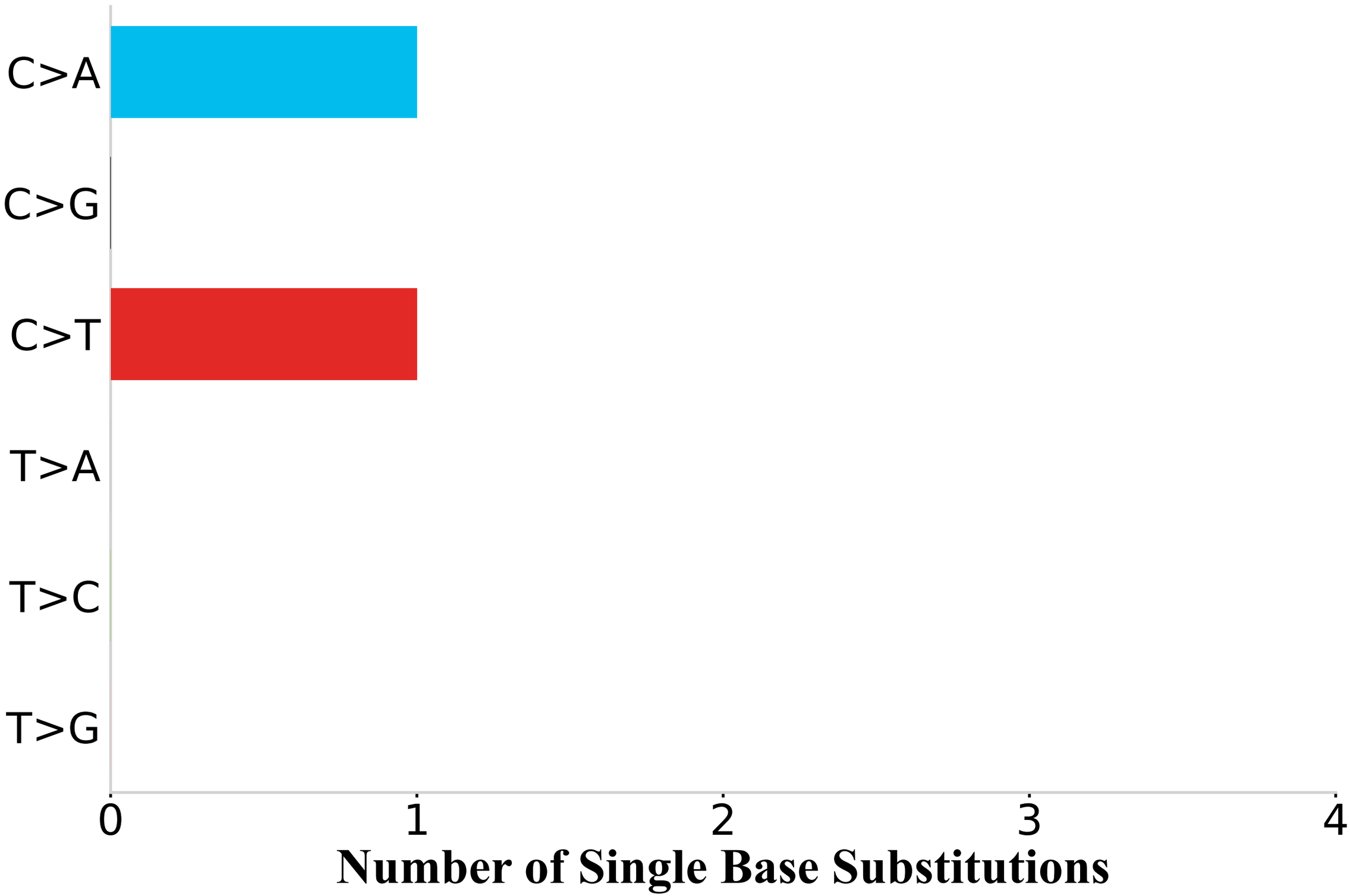


P-0024139-T01-IM6: 6 subs



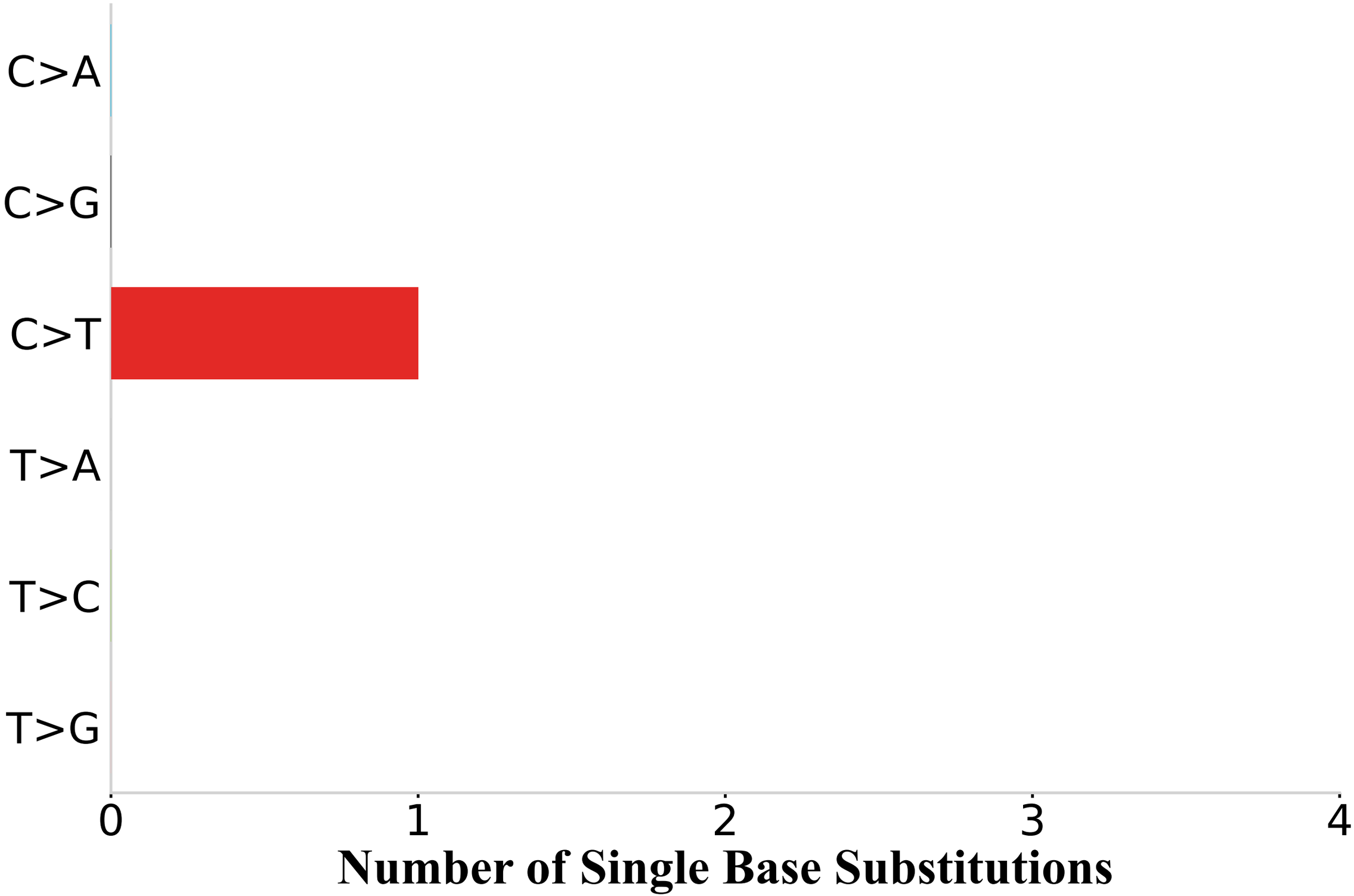
P-0024183-T01-IM6: 0 subs



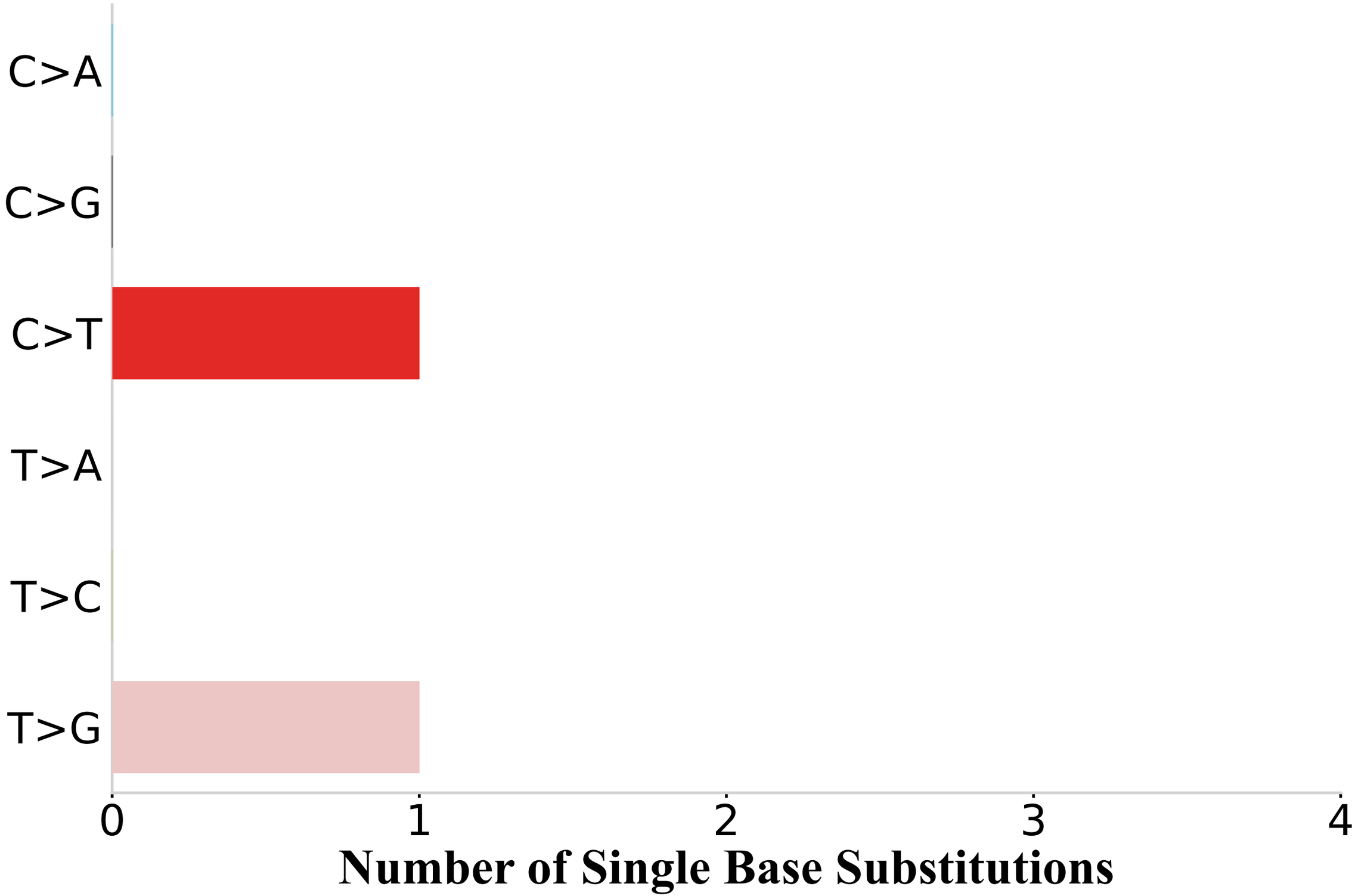

P-0024215-T01-IM6: 2 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

P-0024450-T01-IM6: 2 subs

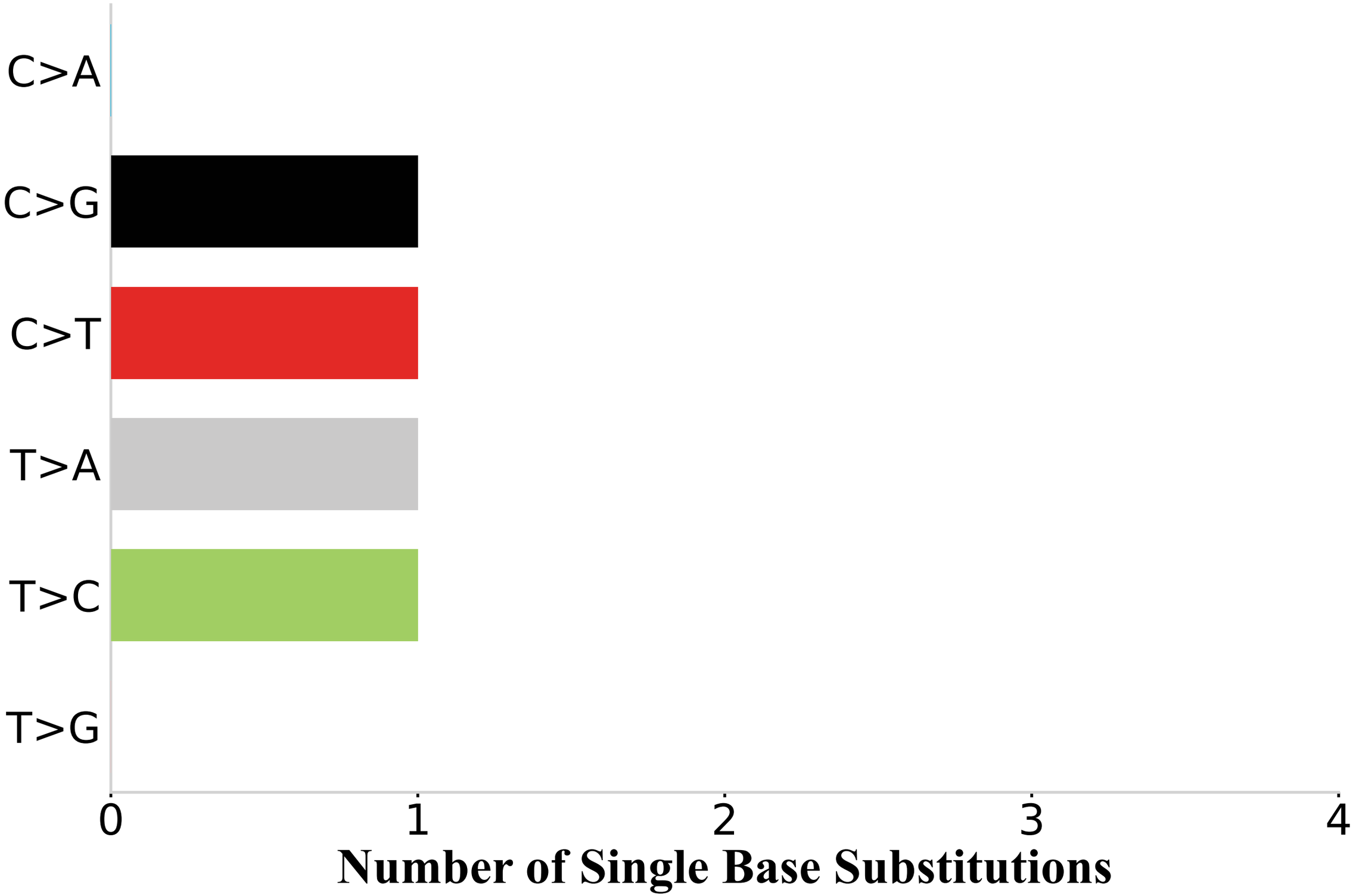
P-0024486-T01-IM6: 1 subs



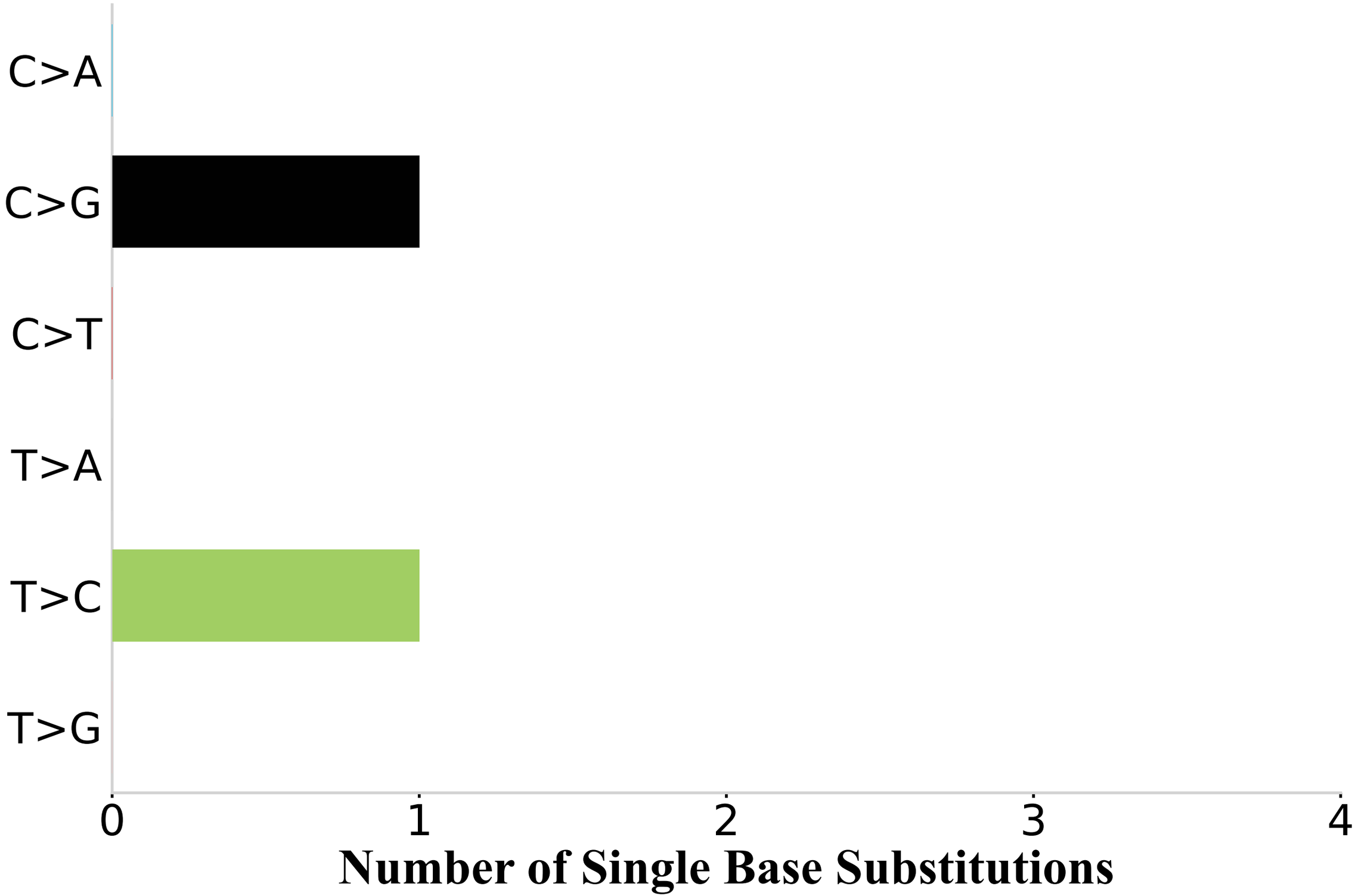
P-0024557-T01-IM6: 2 subs

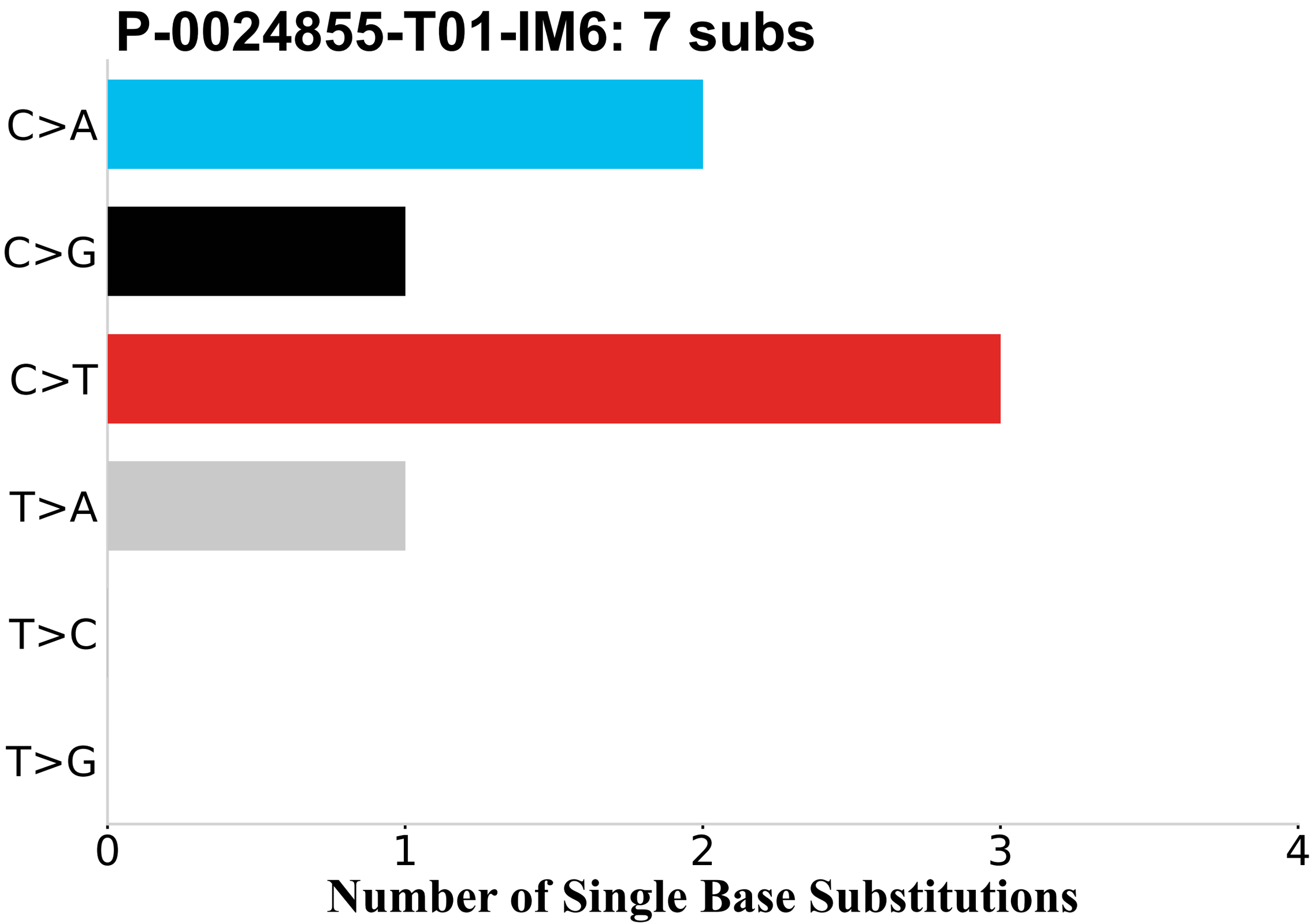


P-0024721-T01-IM6: 4 subs

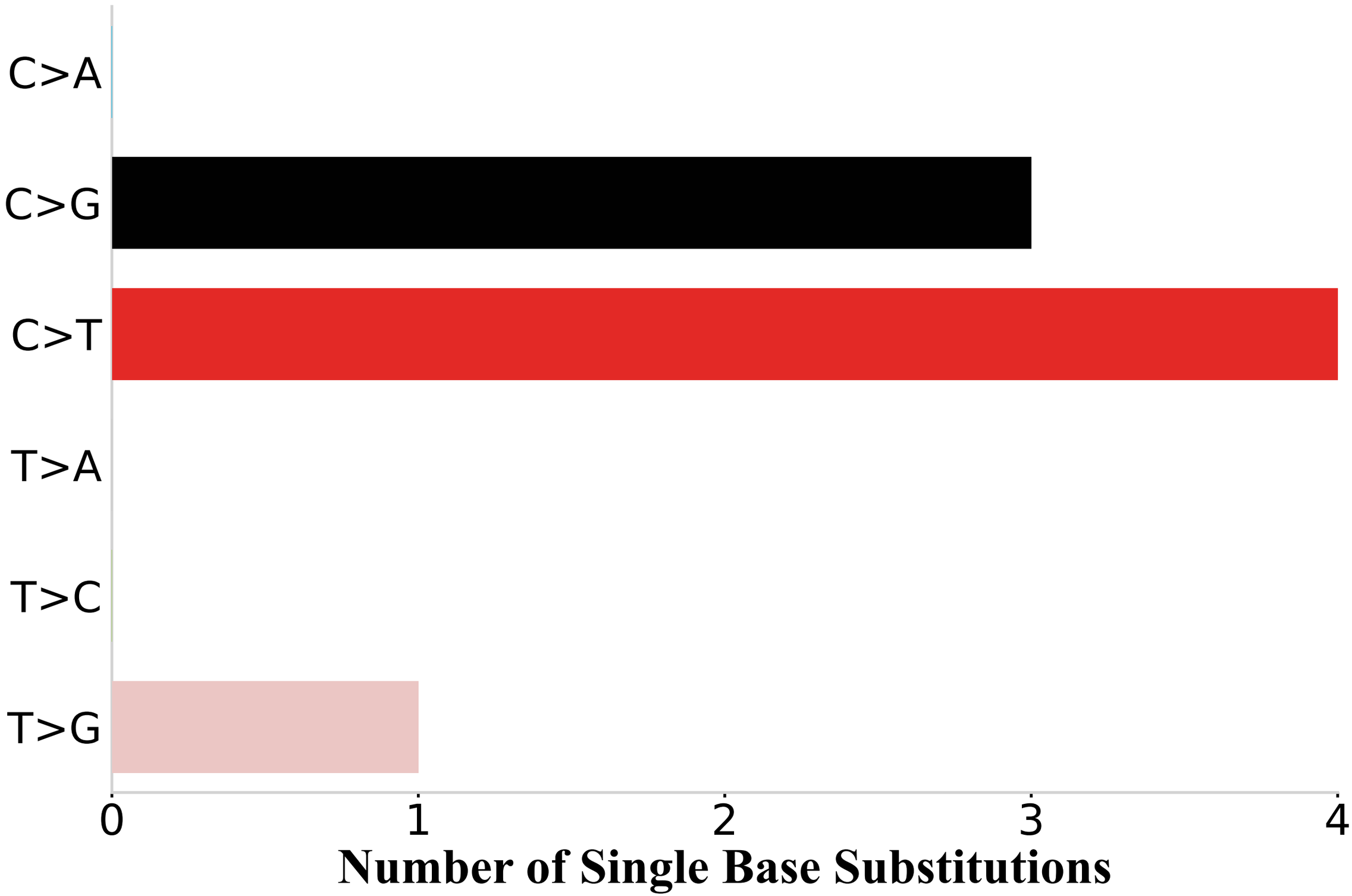


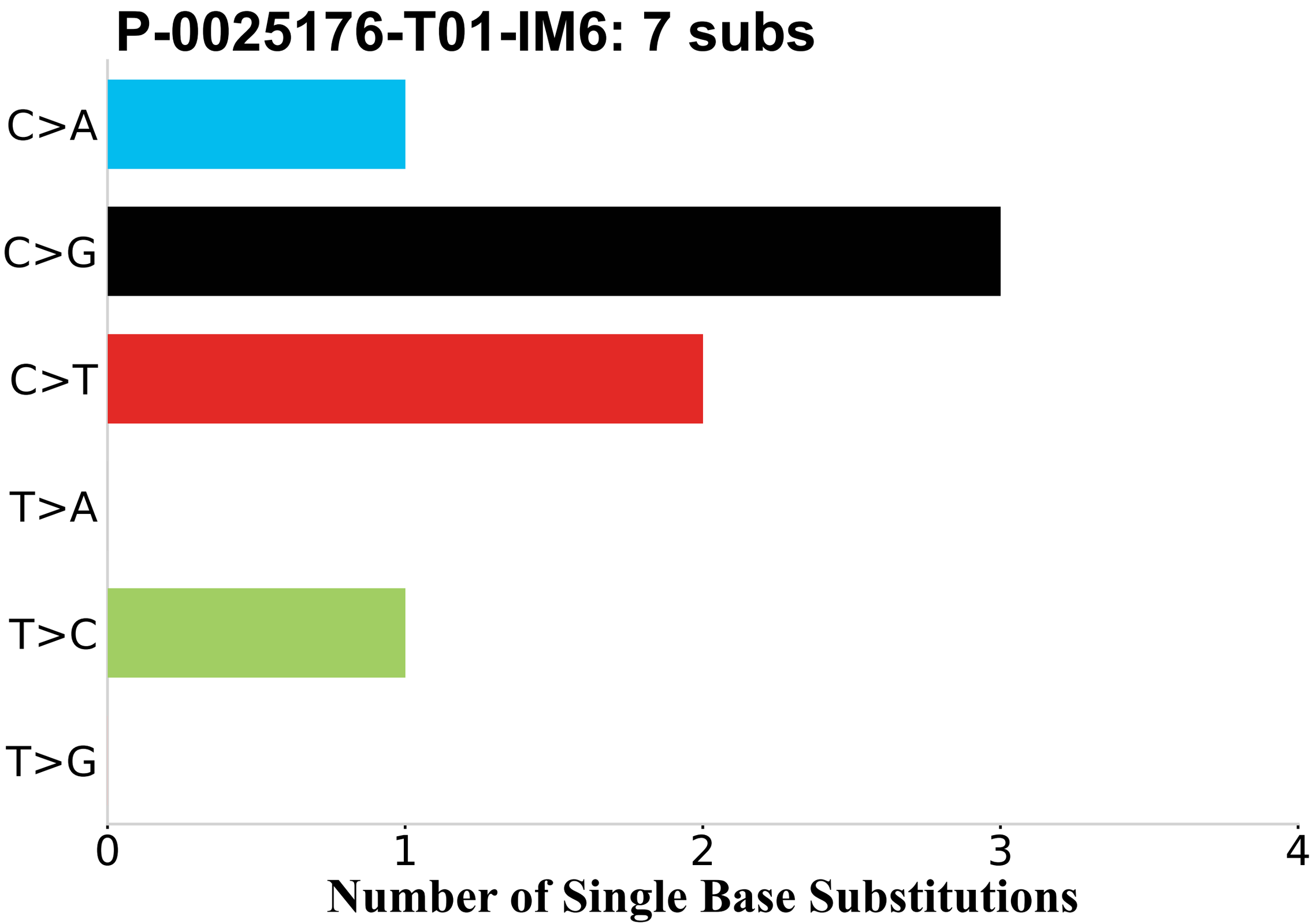
P-0024786-T01-IM6: 2 subs

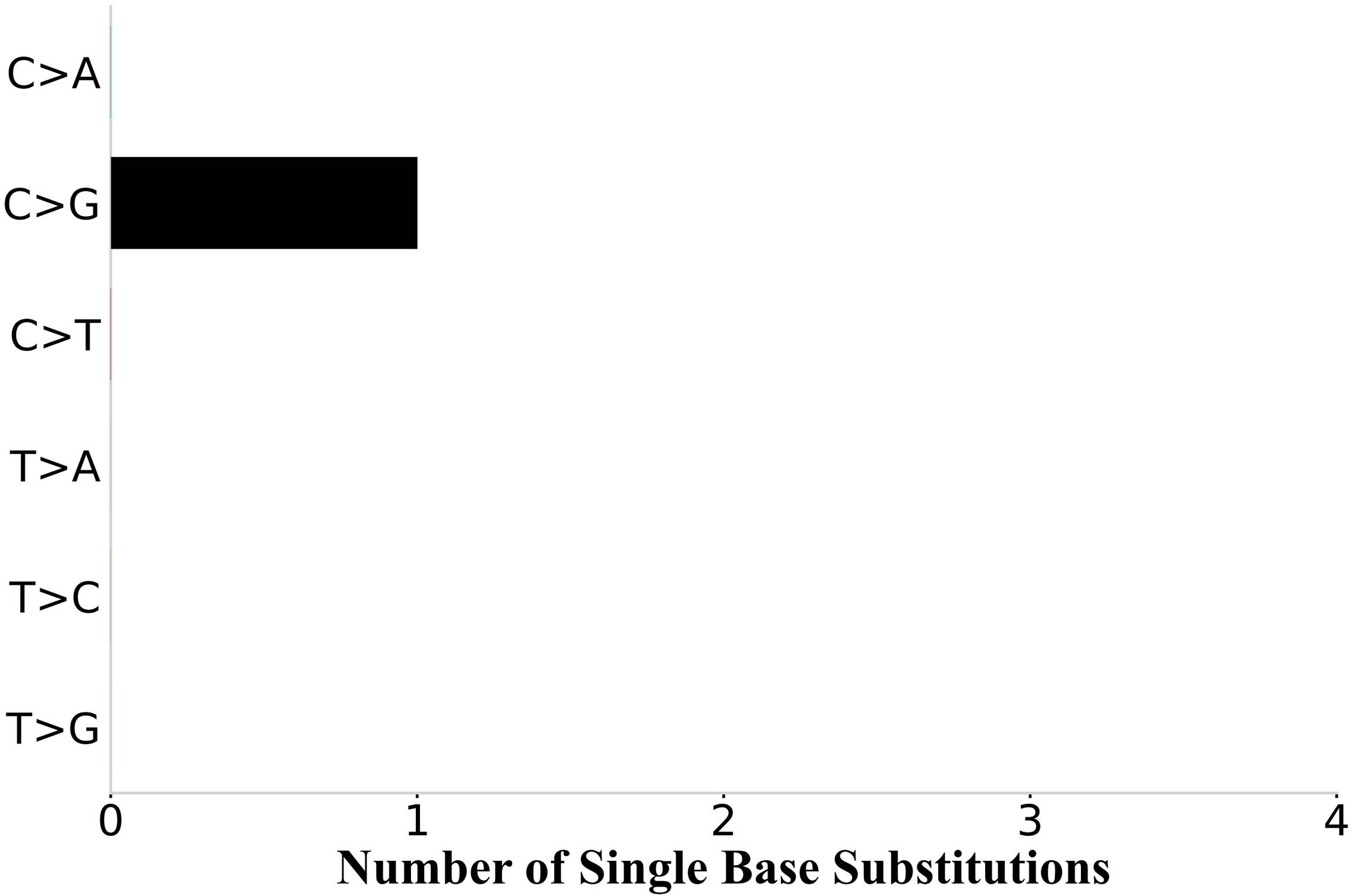


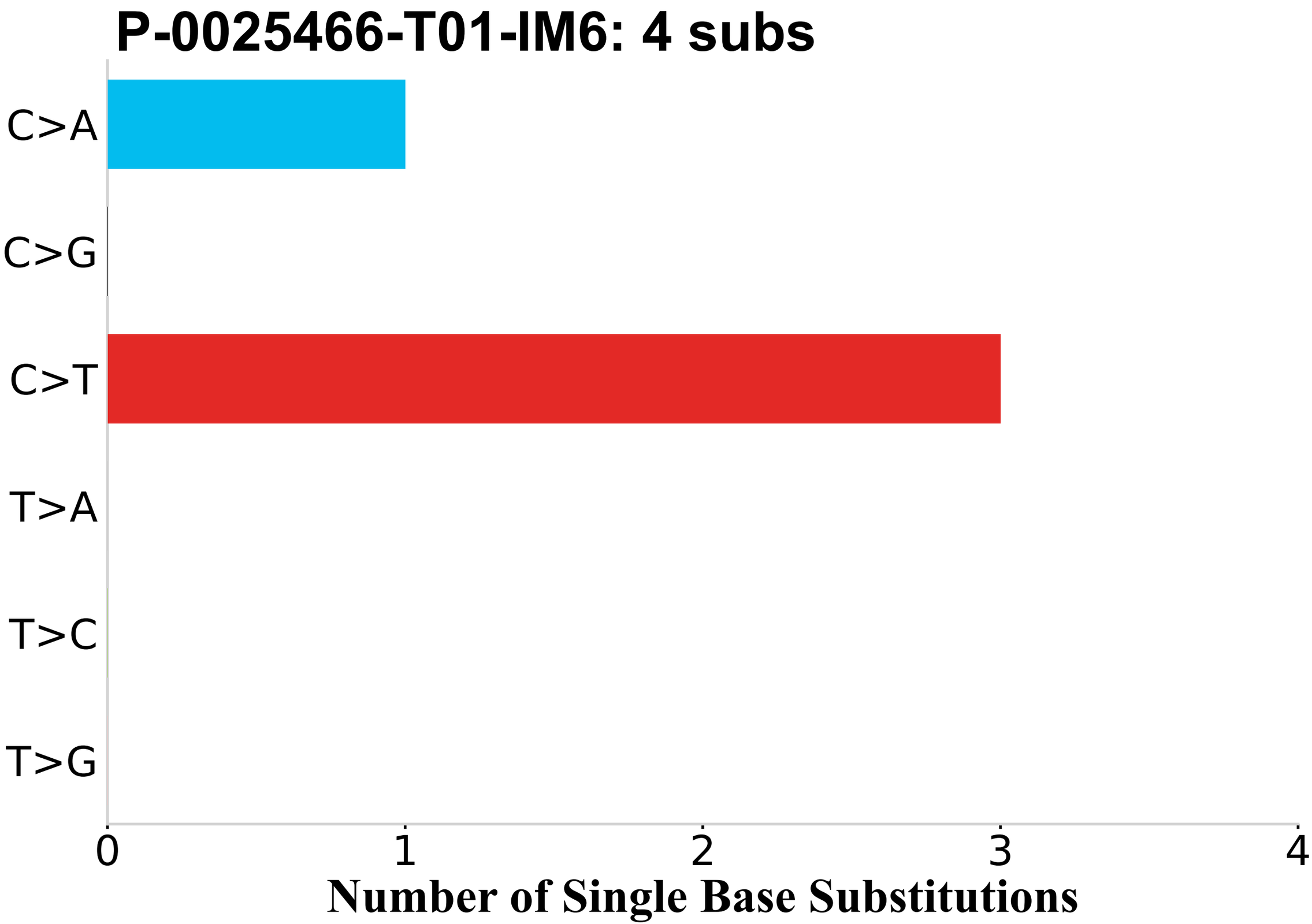

P-0024855-T01-IM6: 7 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

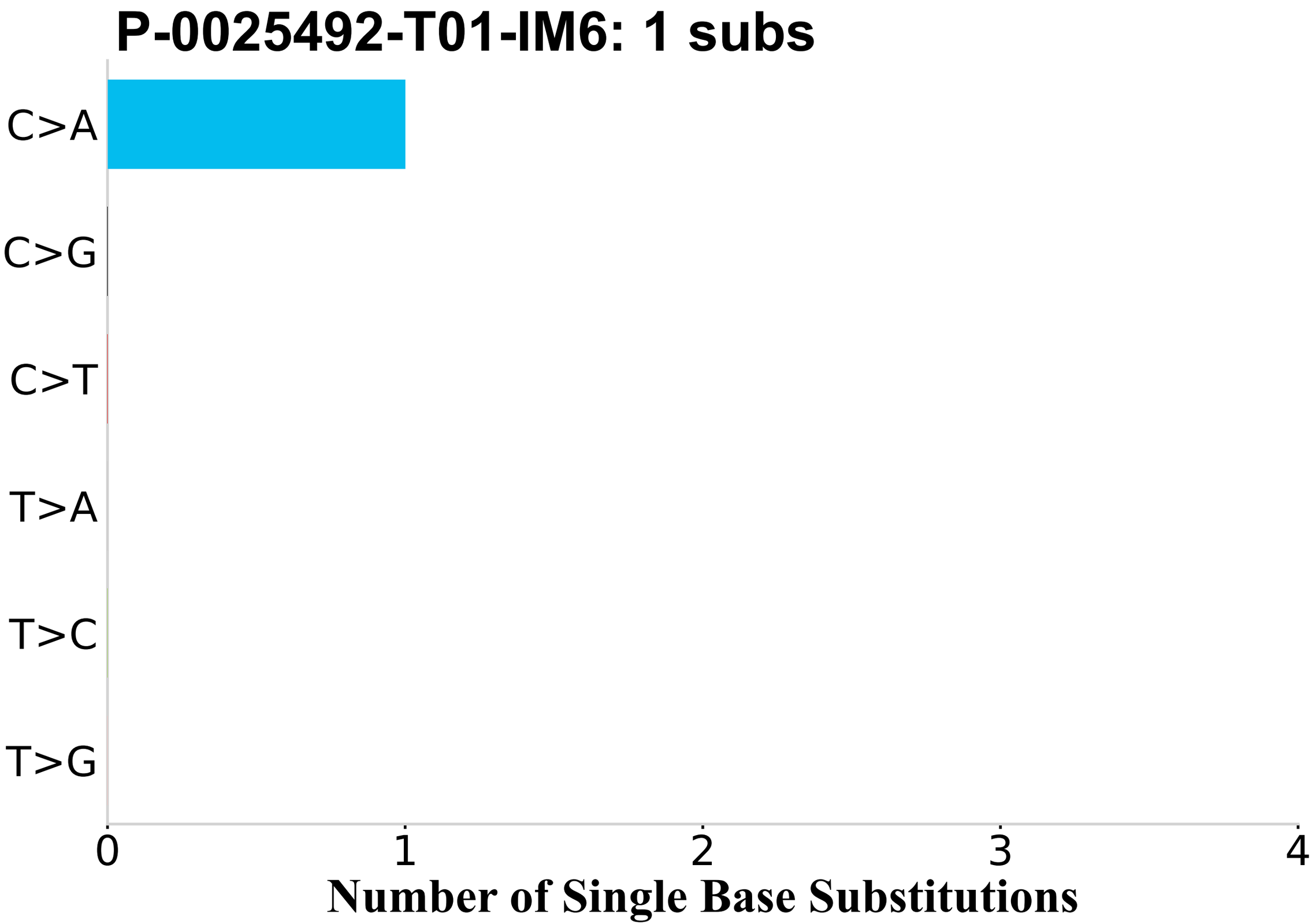
P-0024859-T01-IM6: 8 subs



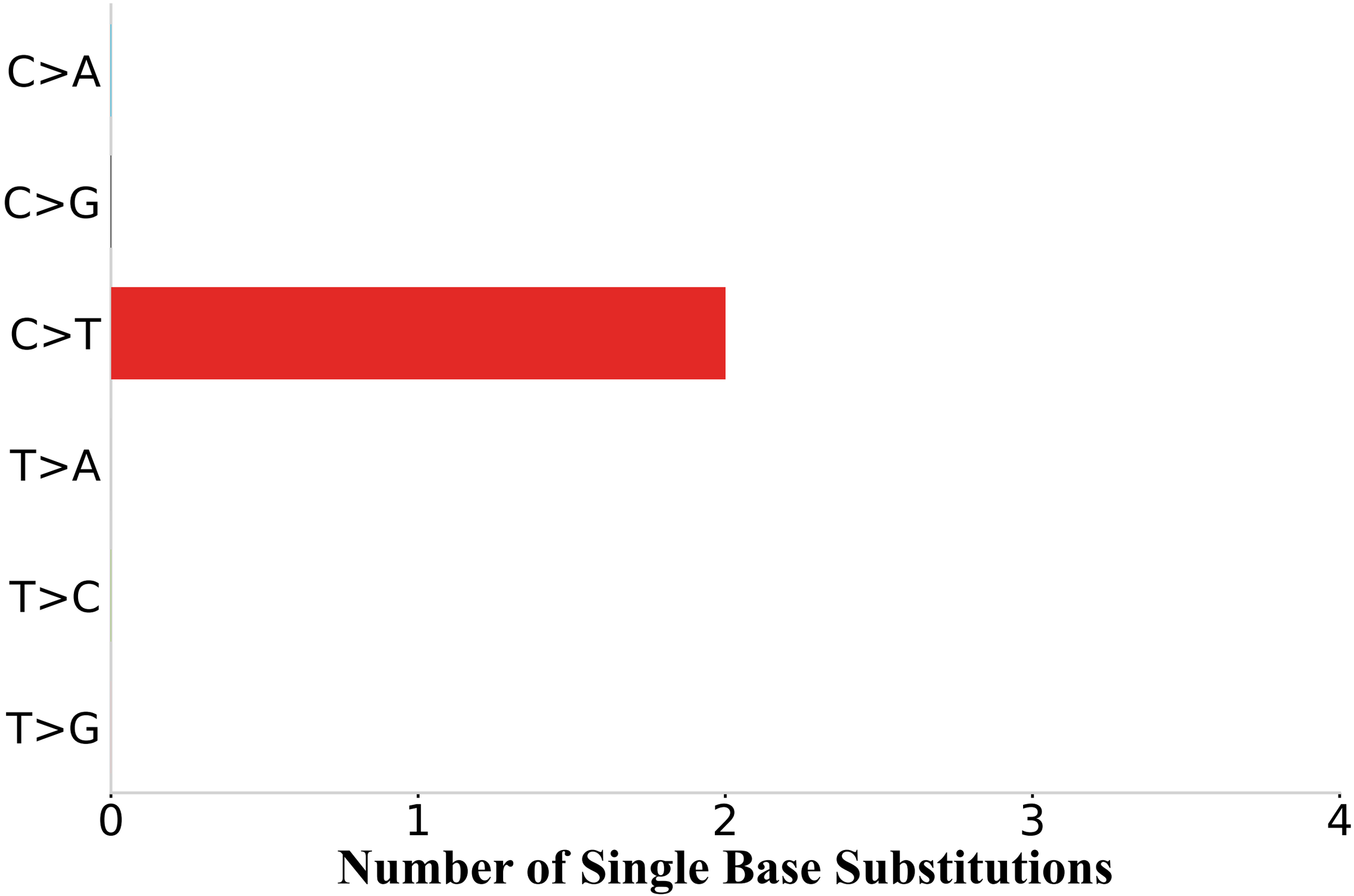

P-0025176-T01-IM6: 7 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions


P-0025177-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

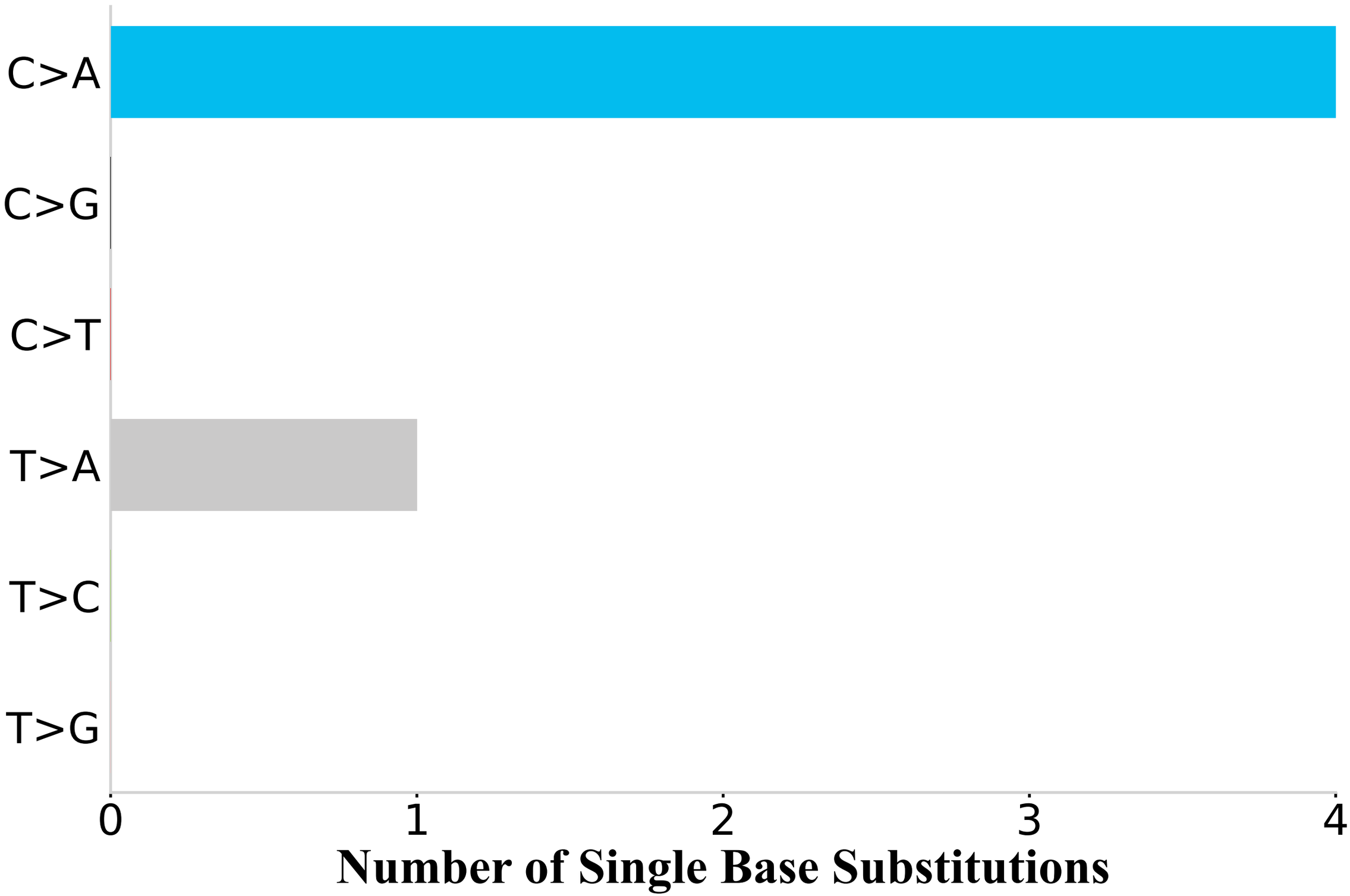

P-0025466-T01-IM6: 4 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

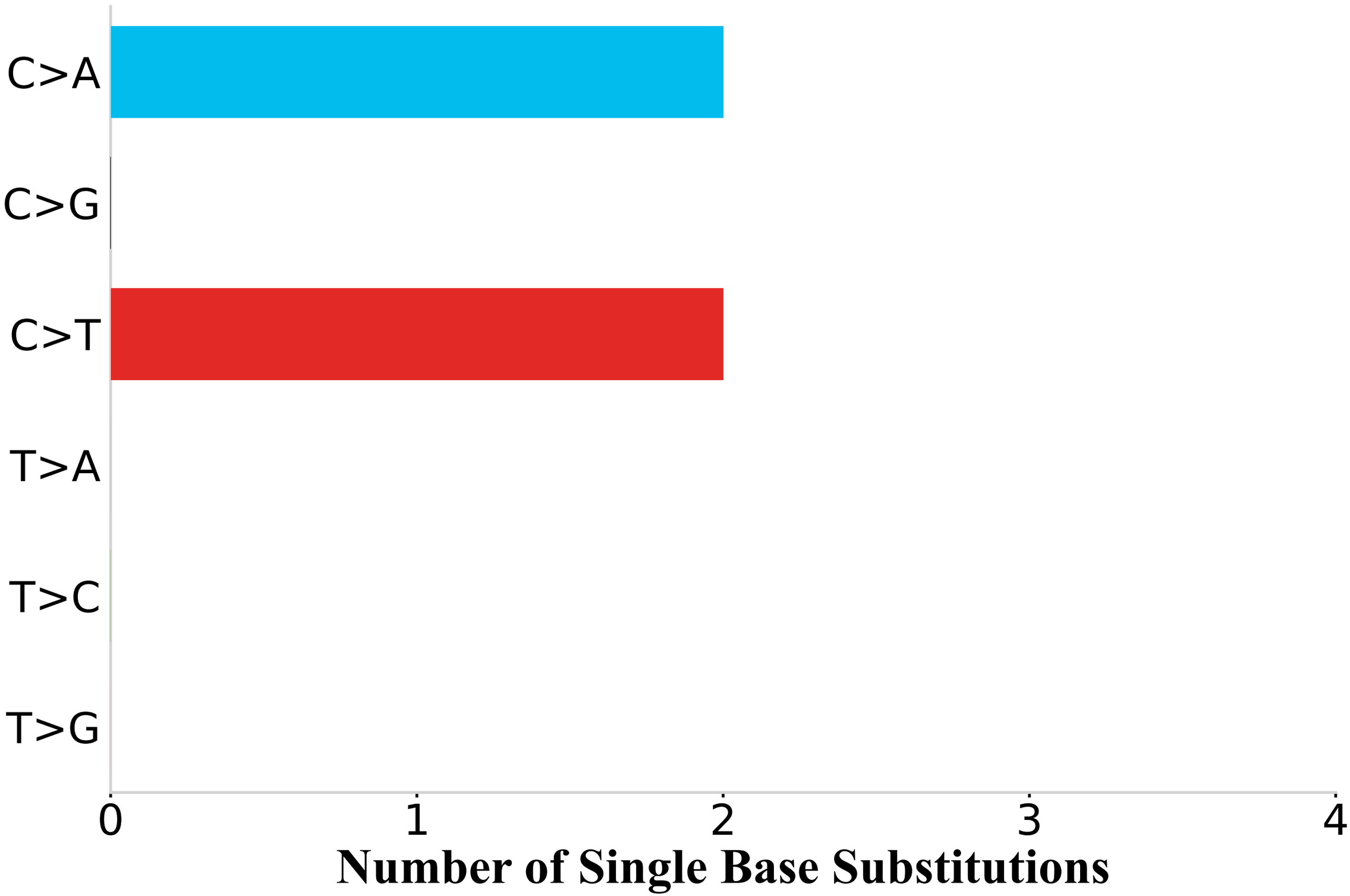

P-0025492-T01-IM6: 1 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

P-0025603-T01-IM6: 2 subs

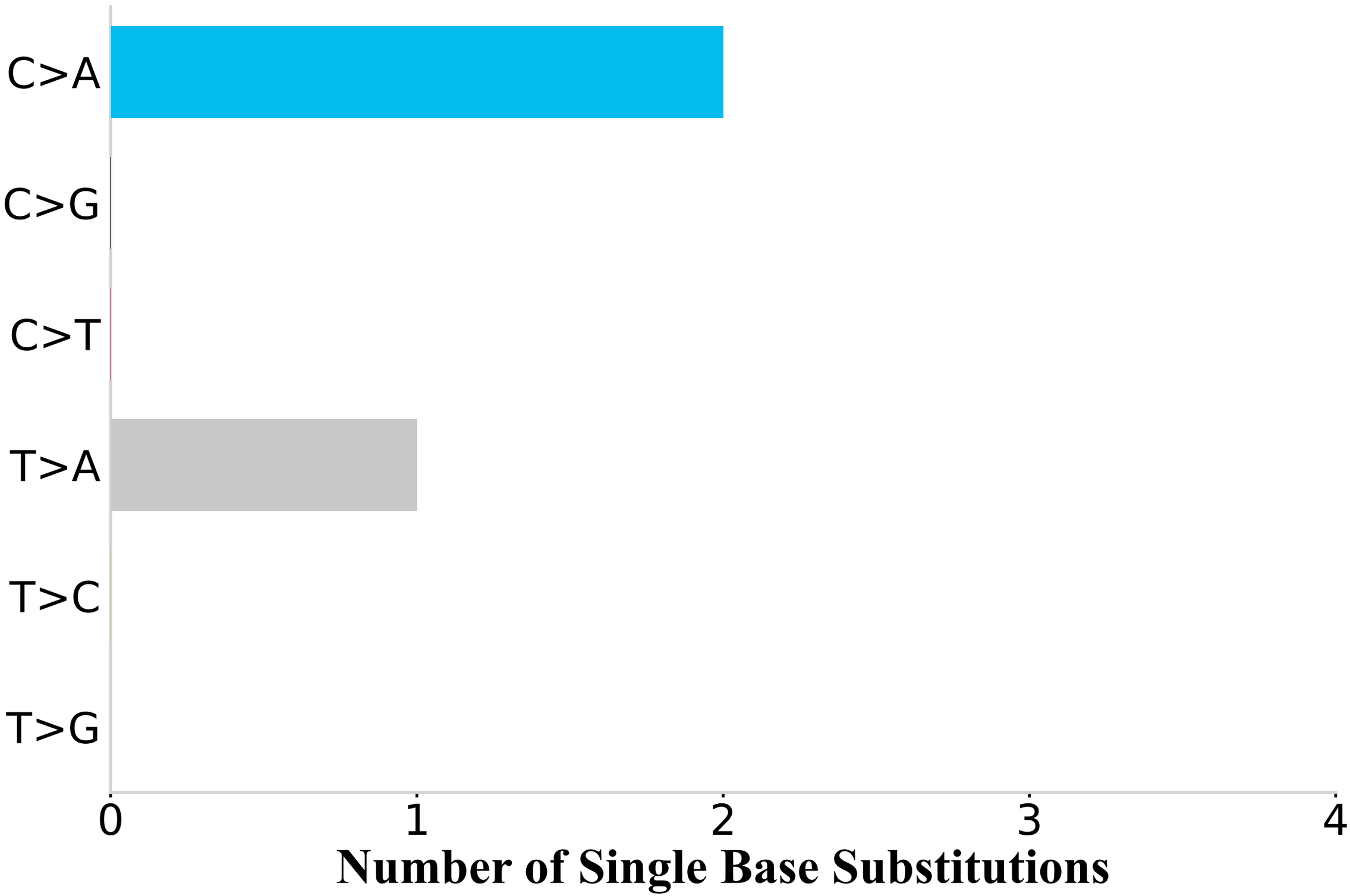


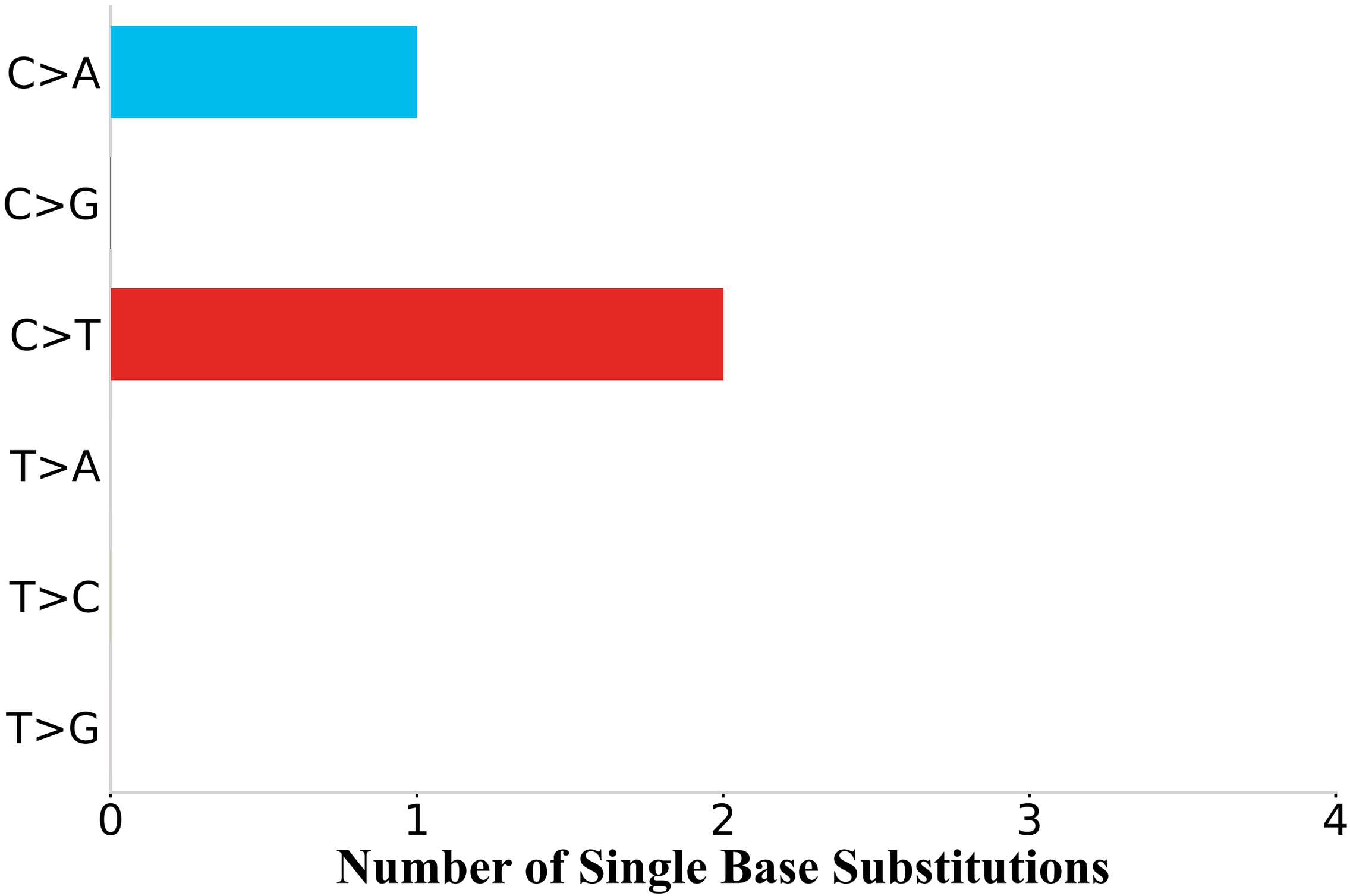
P-0025980-T01-IM6: 5 subs



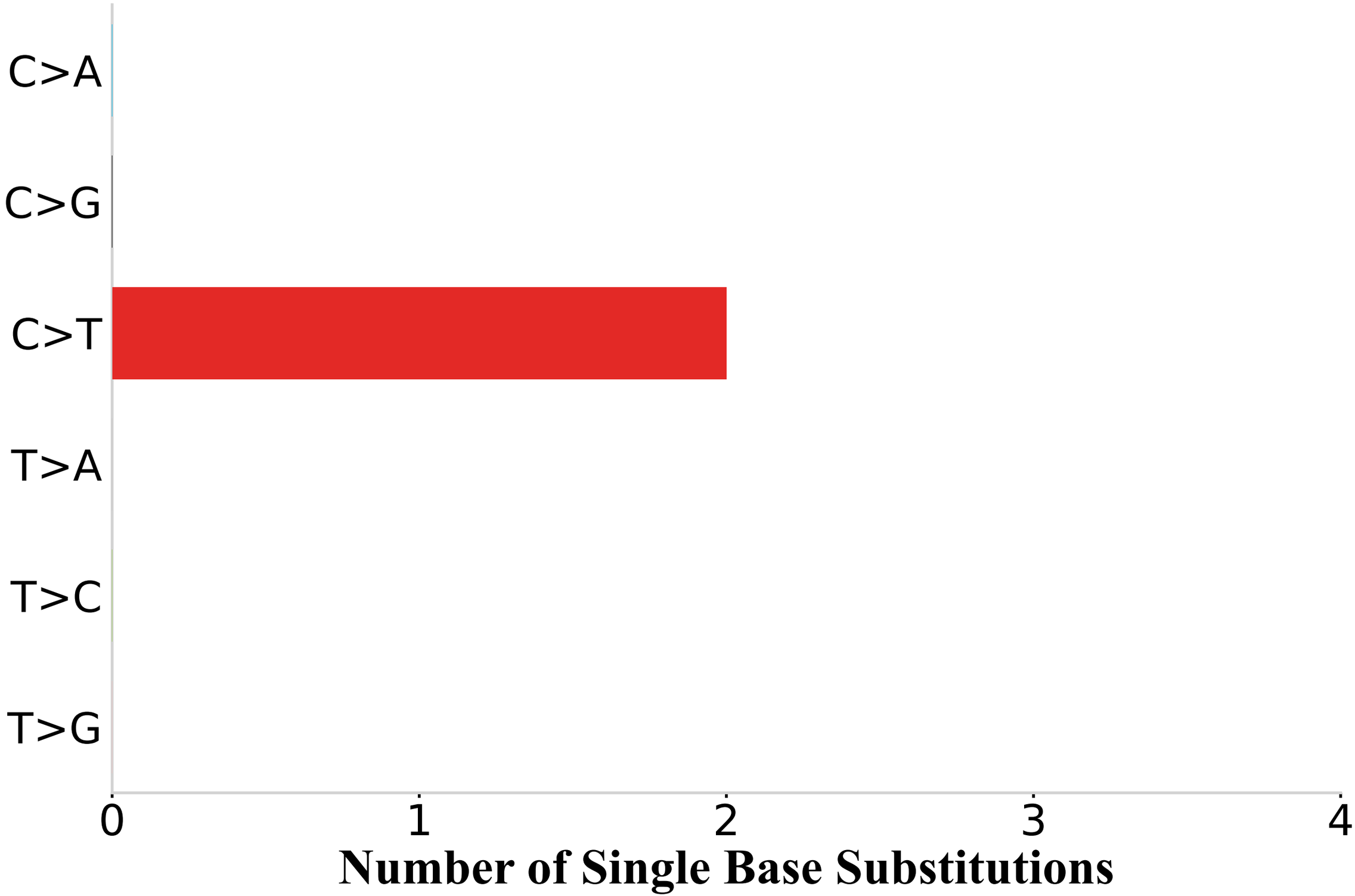

P-0026272-T01-IM6: 4 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

P-0026431-T01-IM6: 3 subs

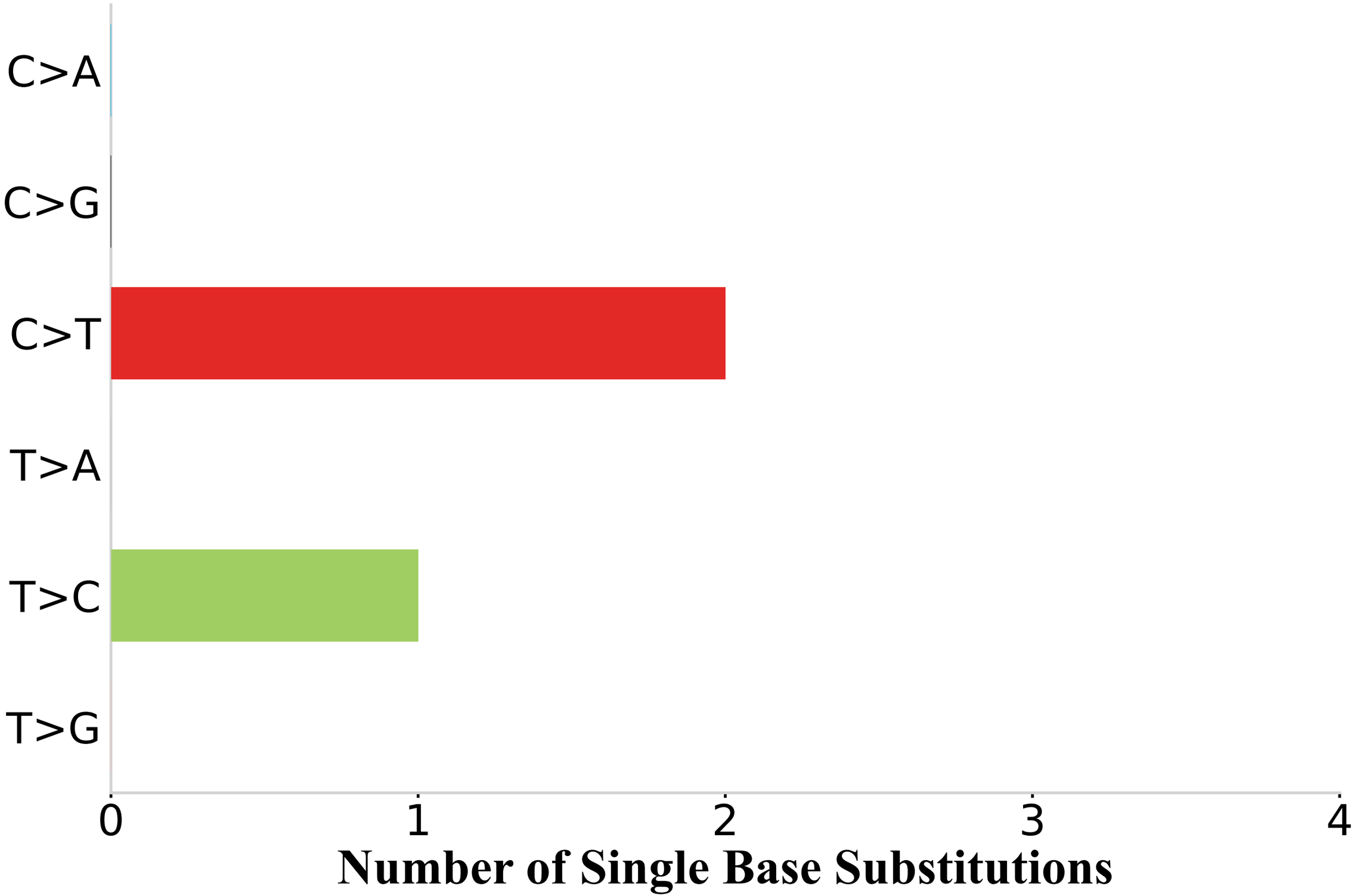



P-0026666-T01-IM6: 3 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

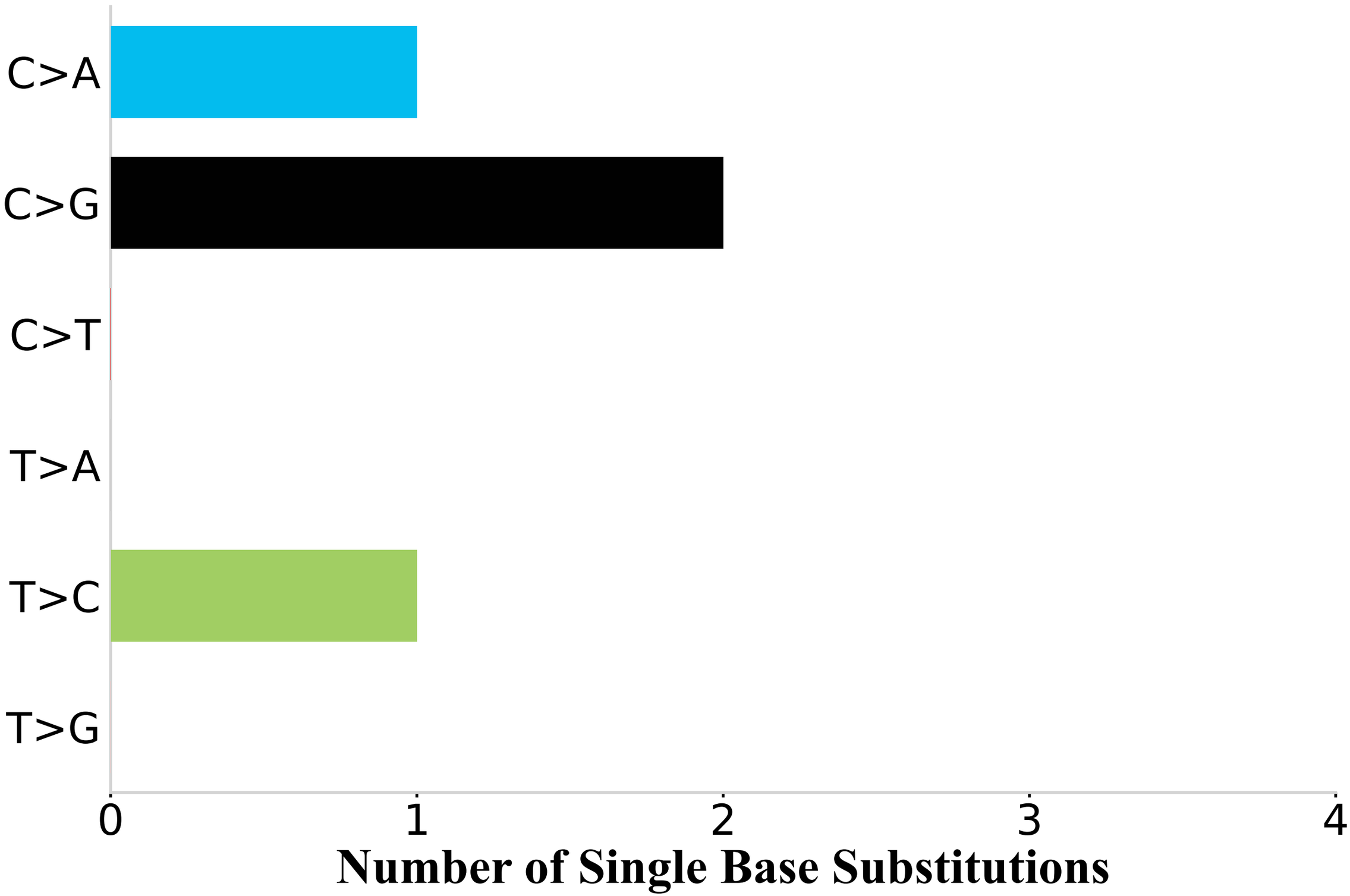
P-0026725-T01-IM6: 2 subs



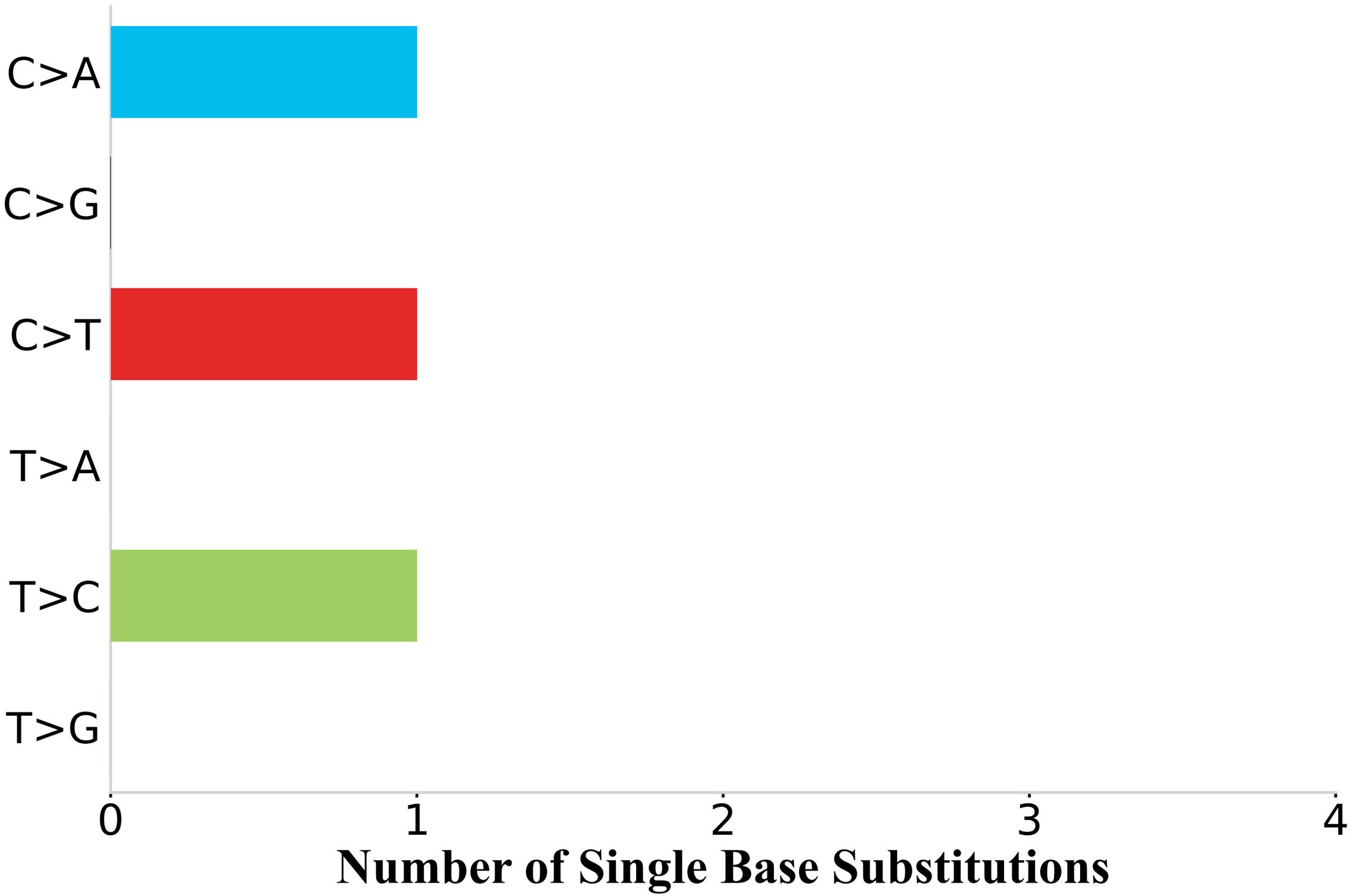
P-0026767-T01-IM6: 3 subs

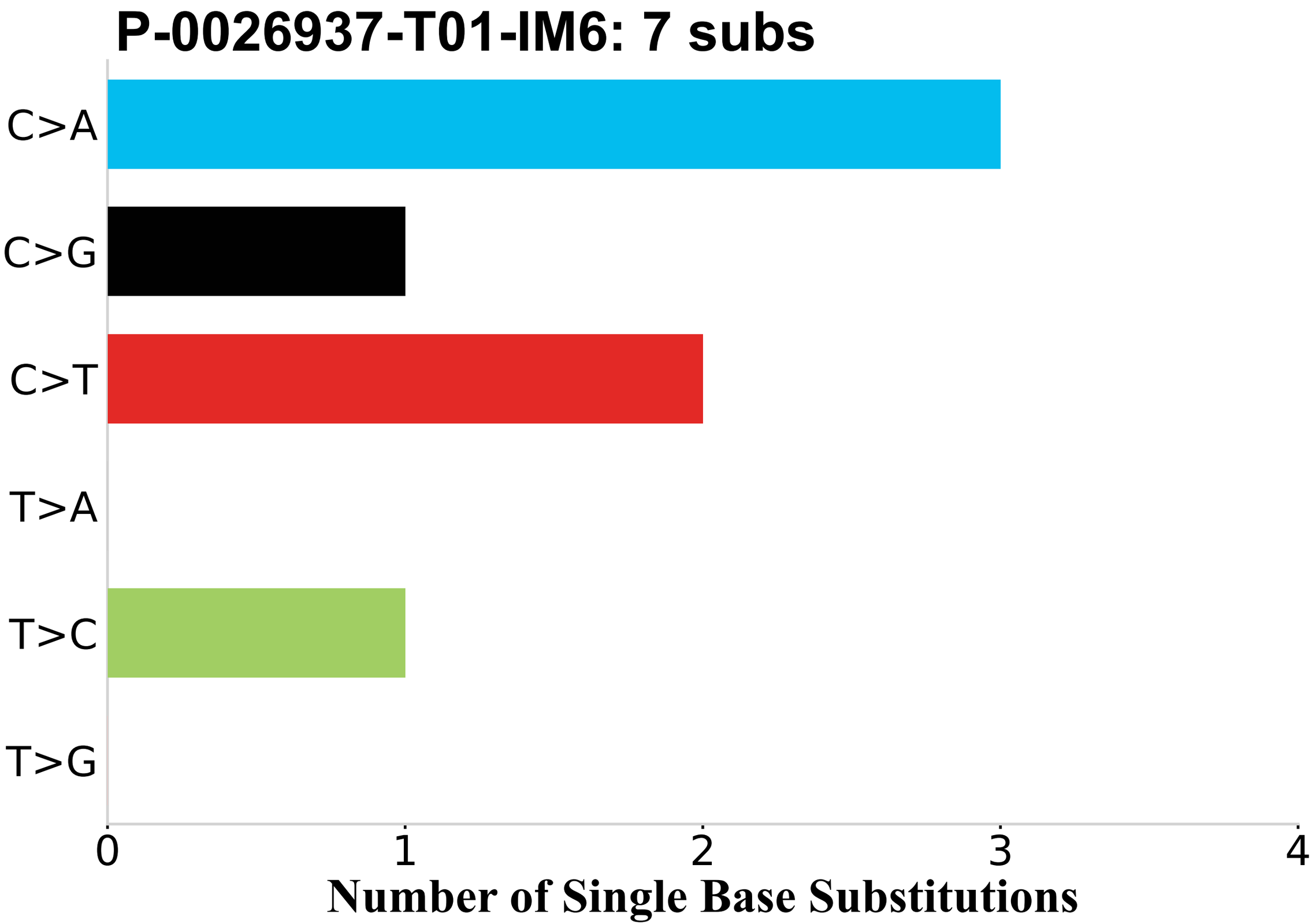


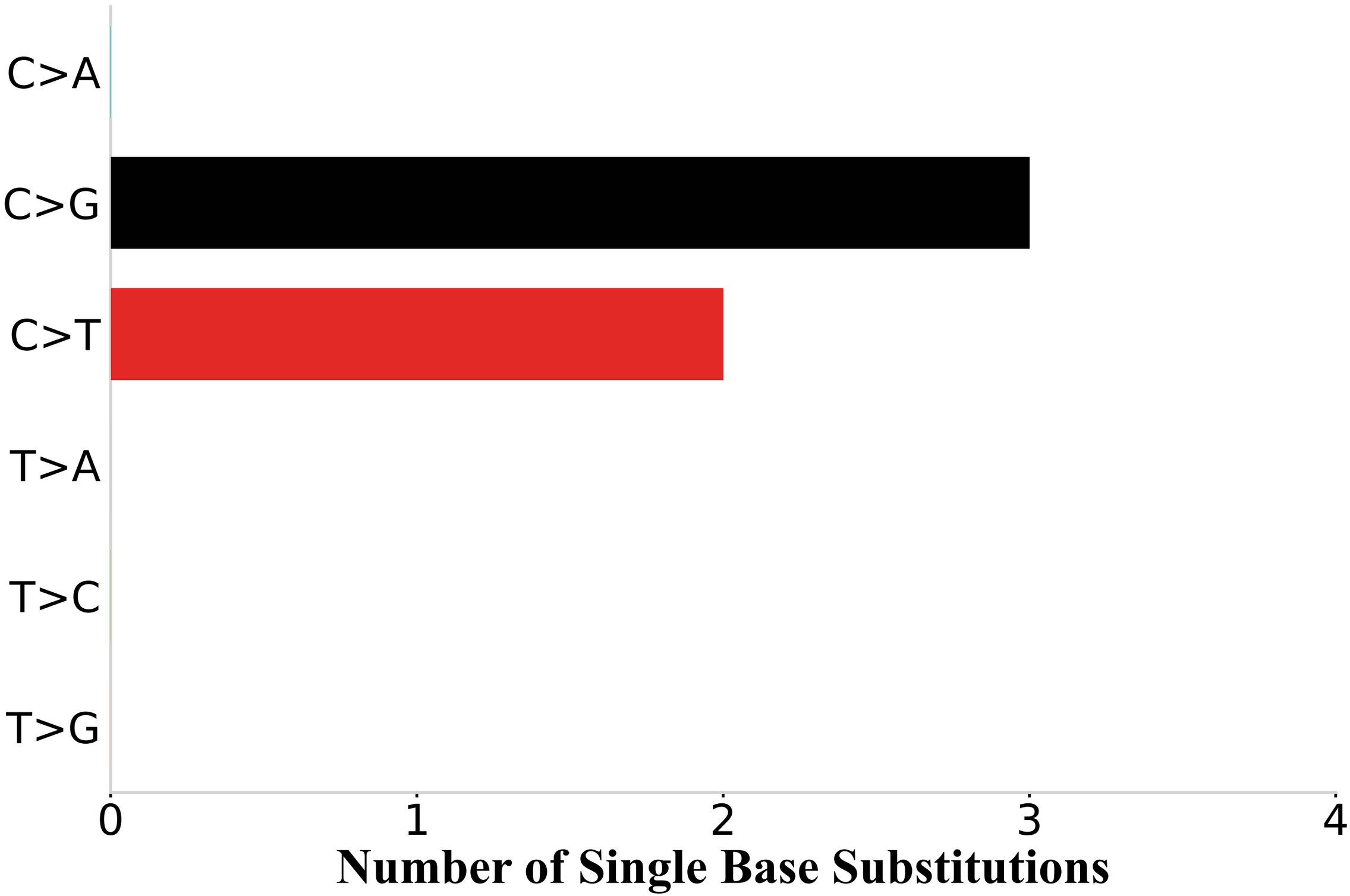
P-0026917-T01-IM6: 4 subs



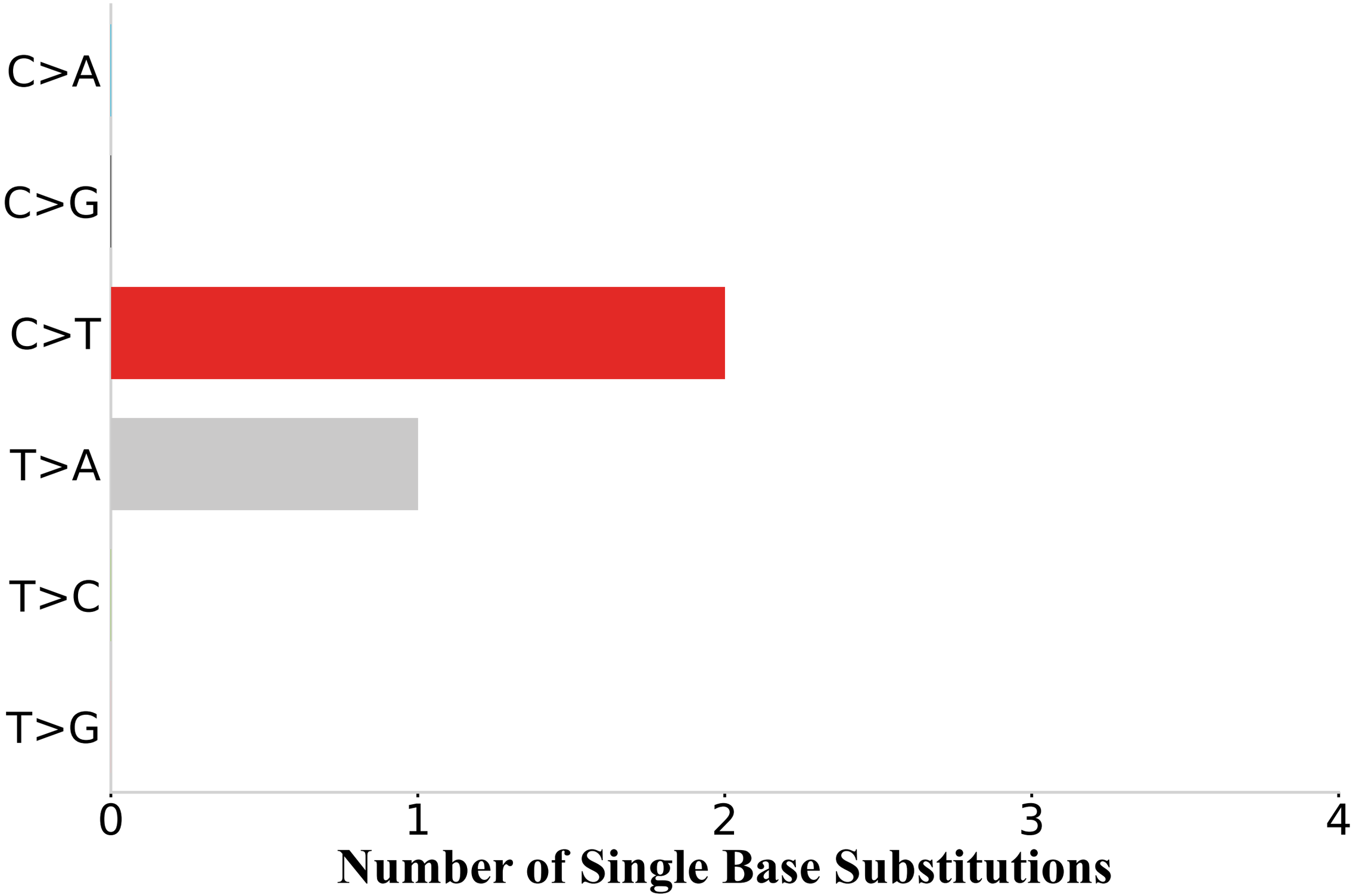
P-0026936-T01-IM6: 3 subs



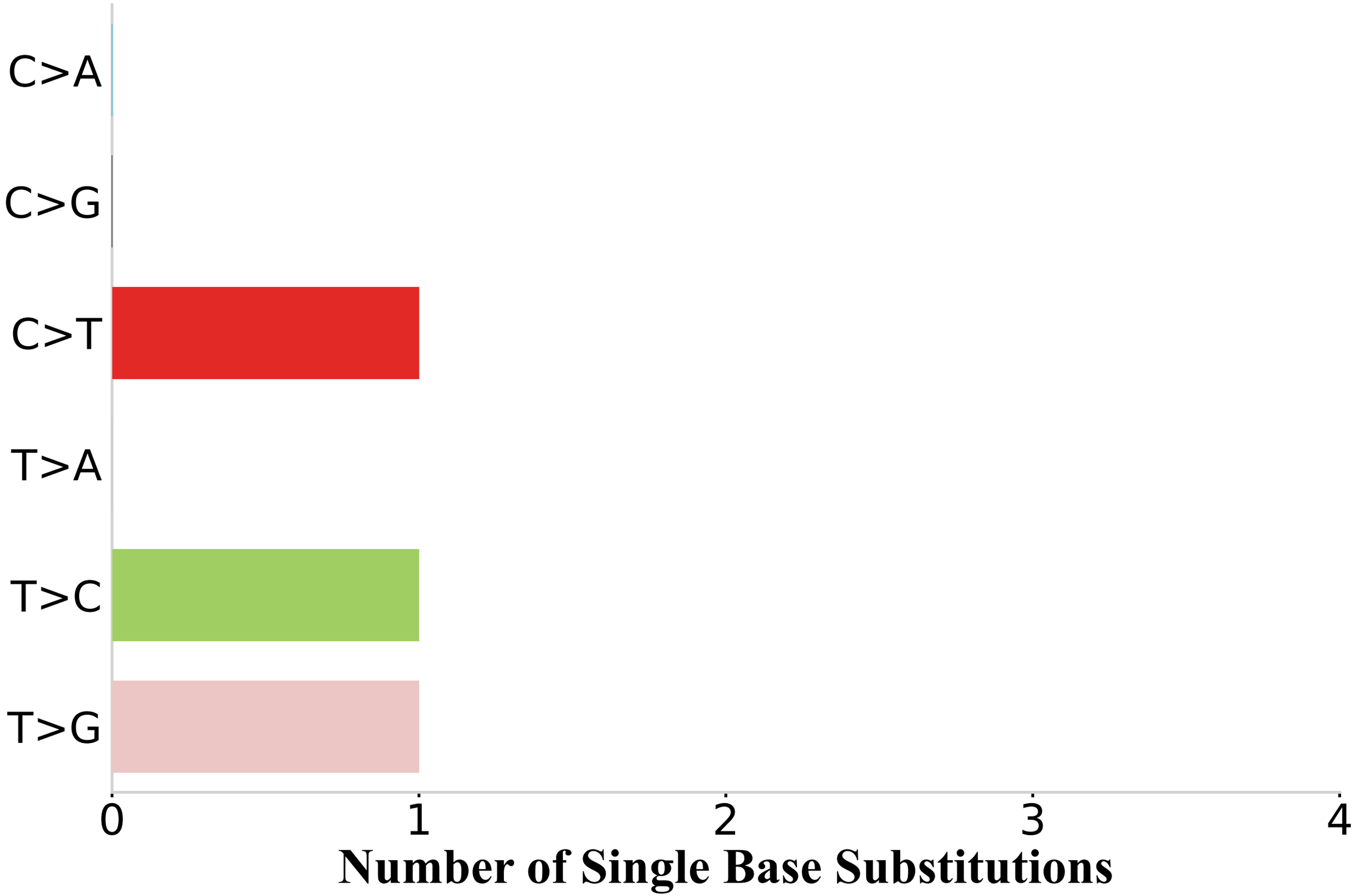

P-0026937-T01-IM6: 7 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

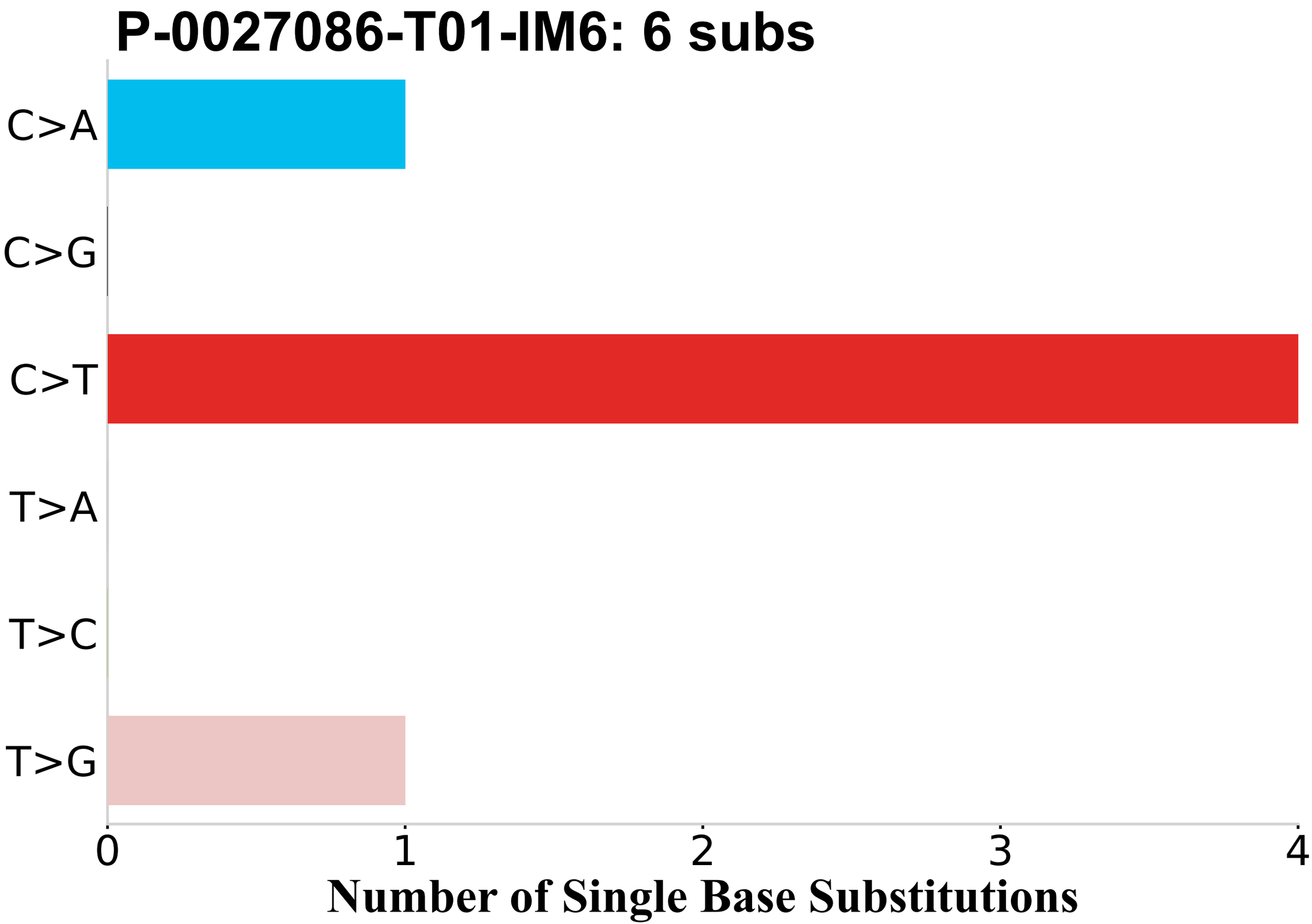

P-0026971-T01-IM6: 5 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

P-0027024-T03-IM6: 3 subs

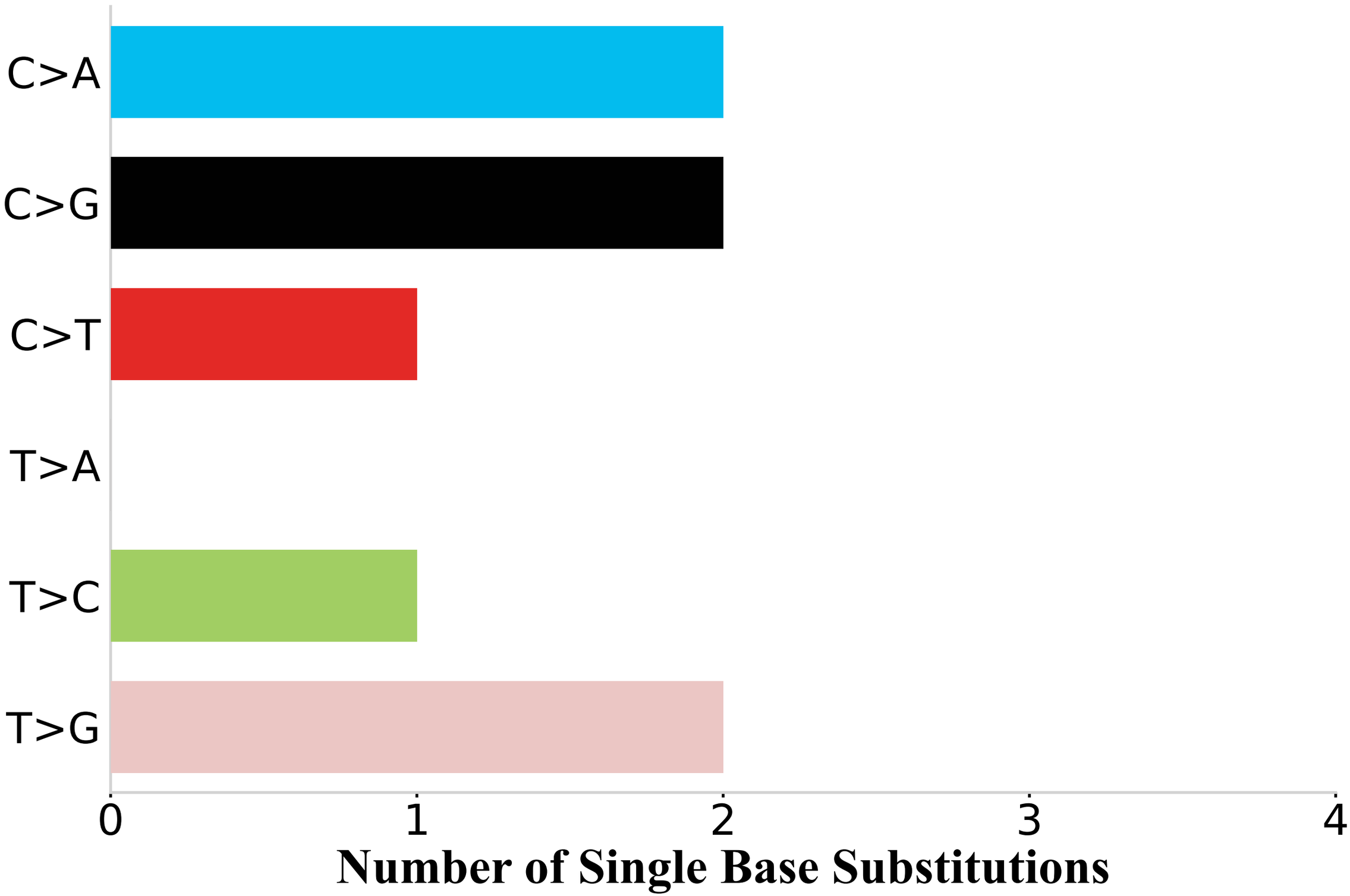


P-0027081-T01-IM6: 3 subs

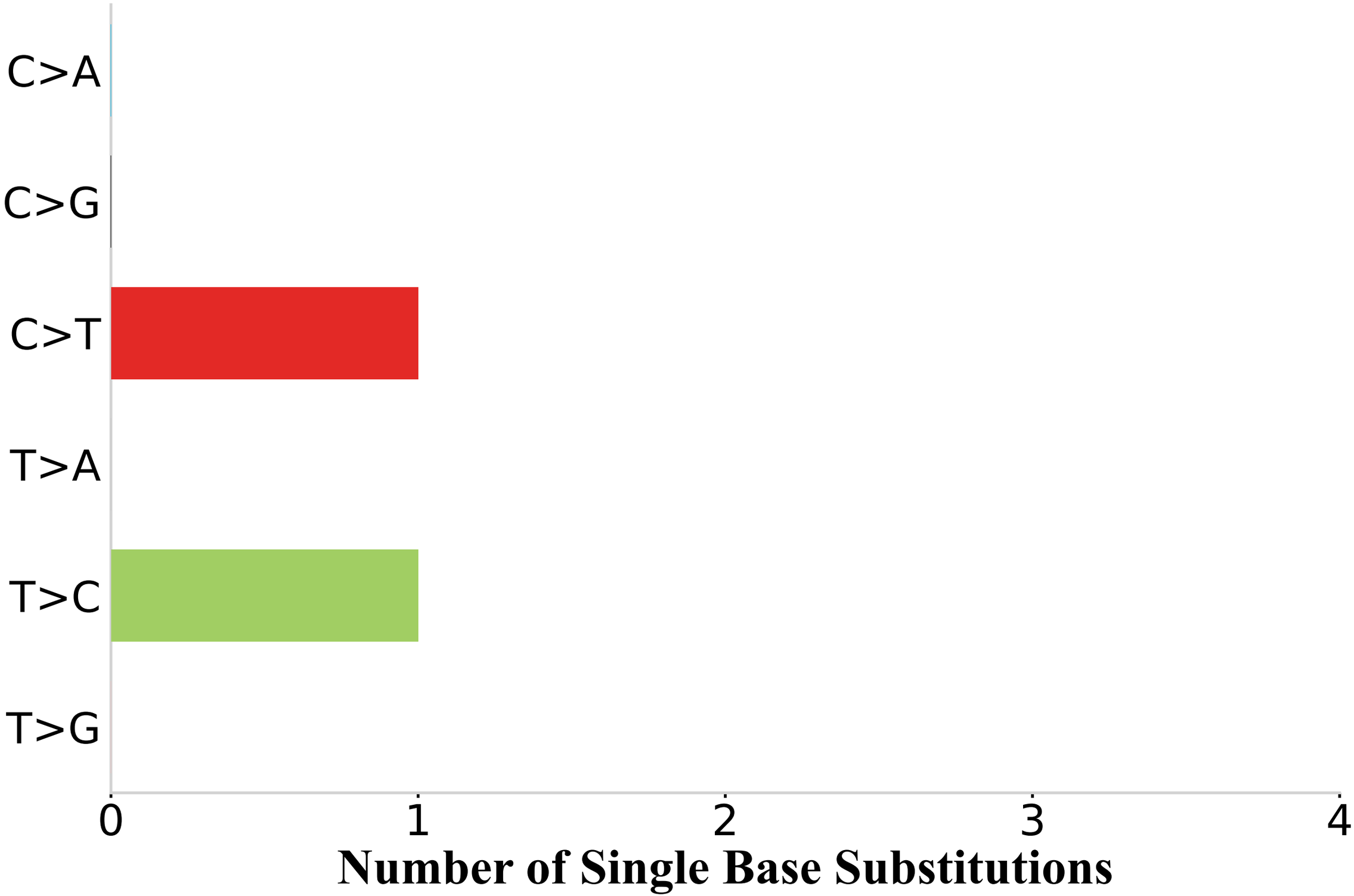



P-0027086-T01-IM6: 6 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions

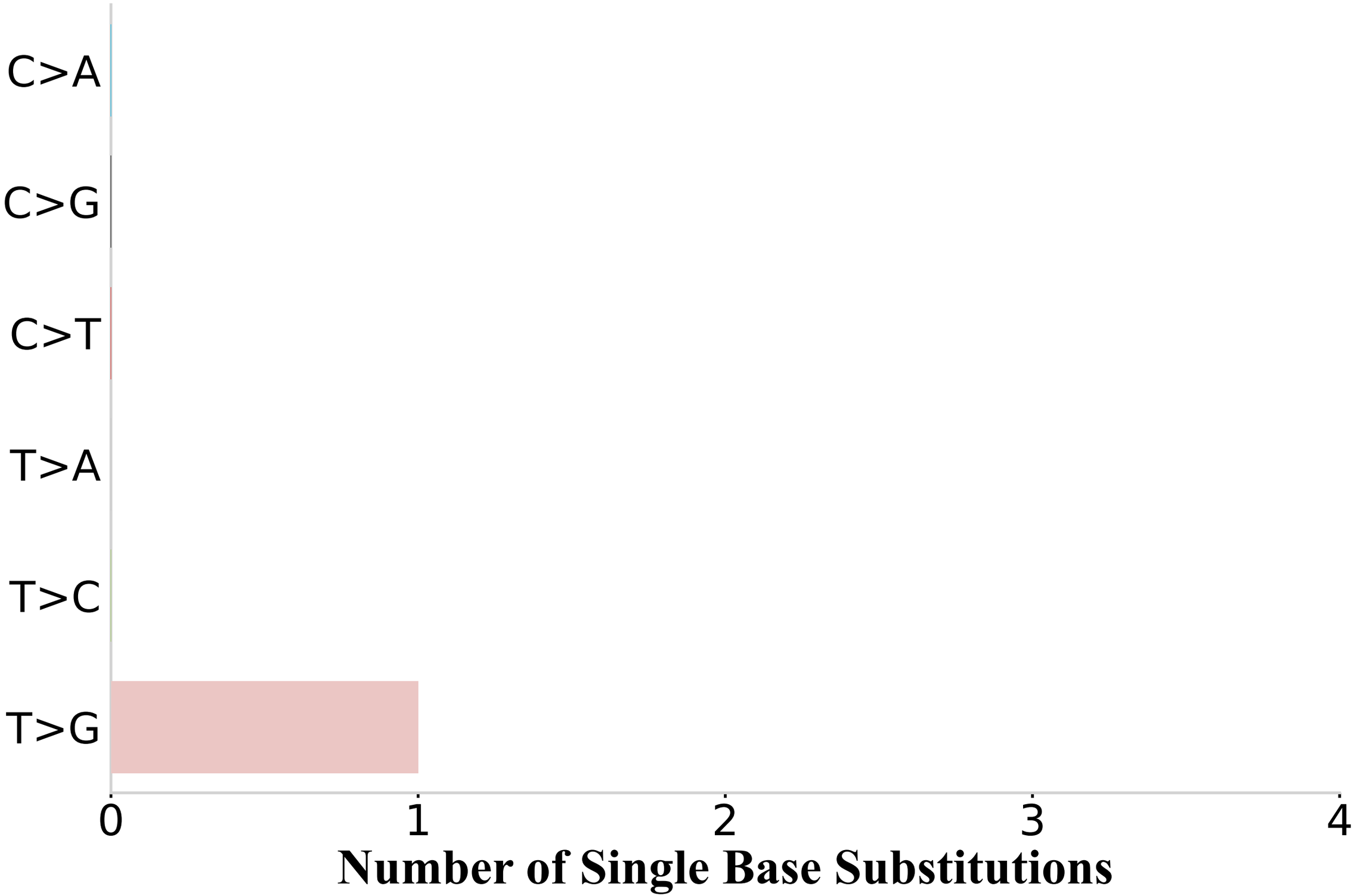
P-0027678-T01-IM6: 8 subs



P-0027759-T01-IM6: 2 subs

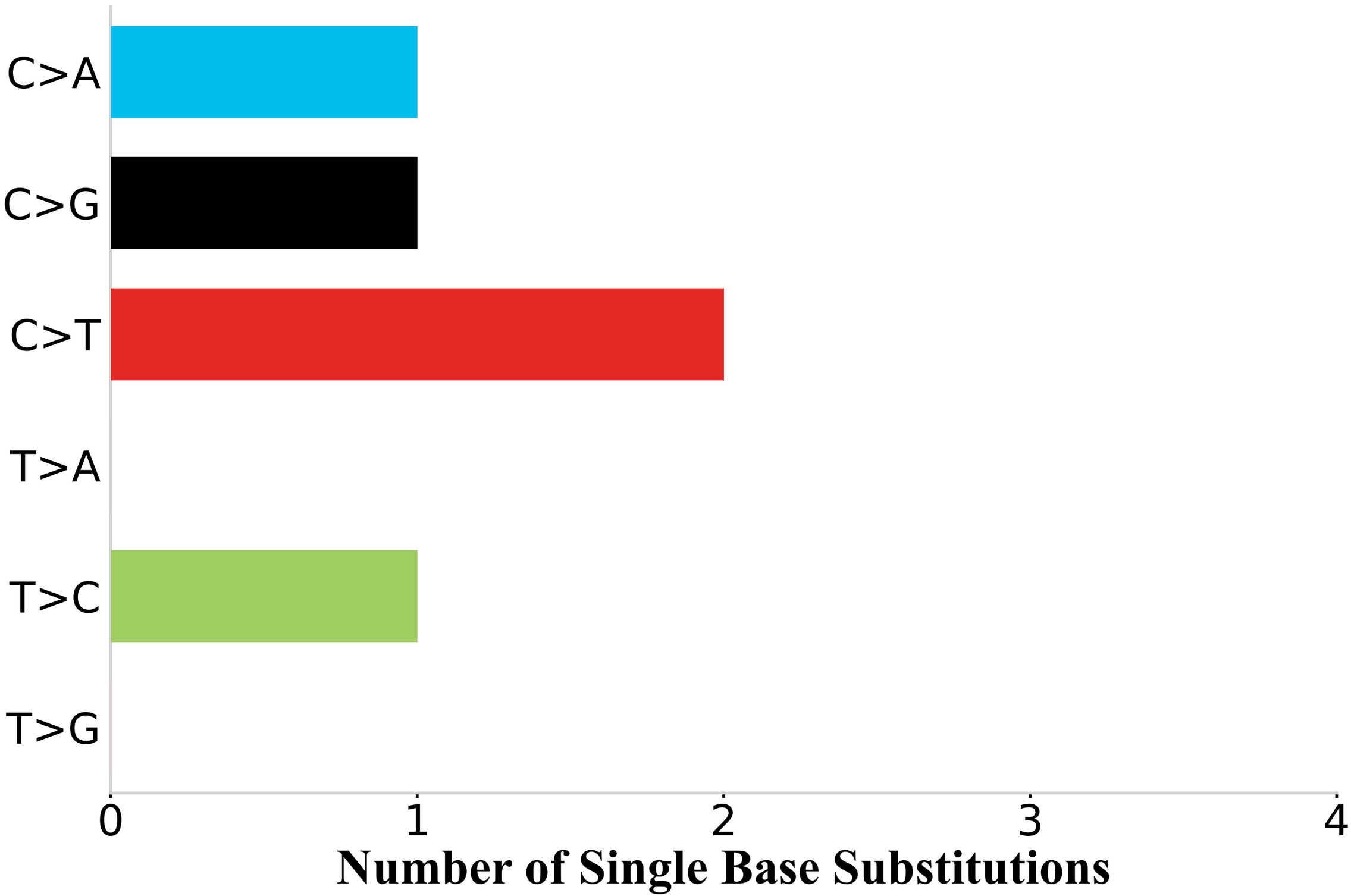


P-0027871-T01-IM6: 1 subs

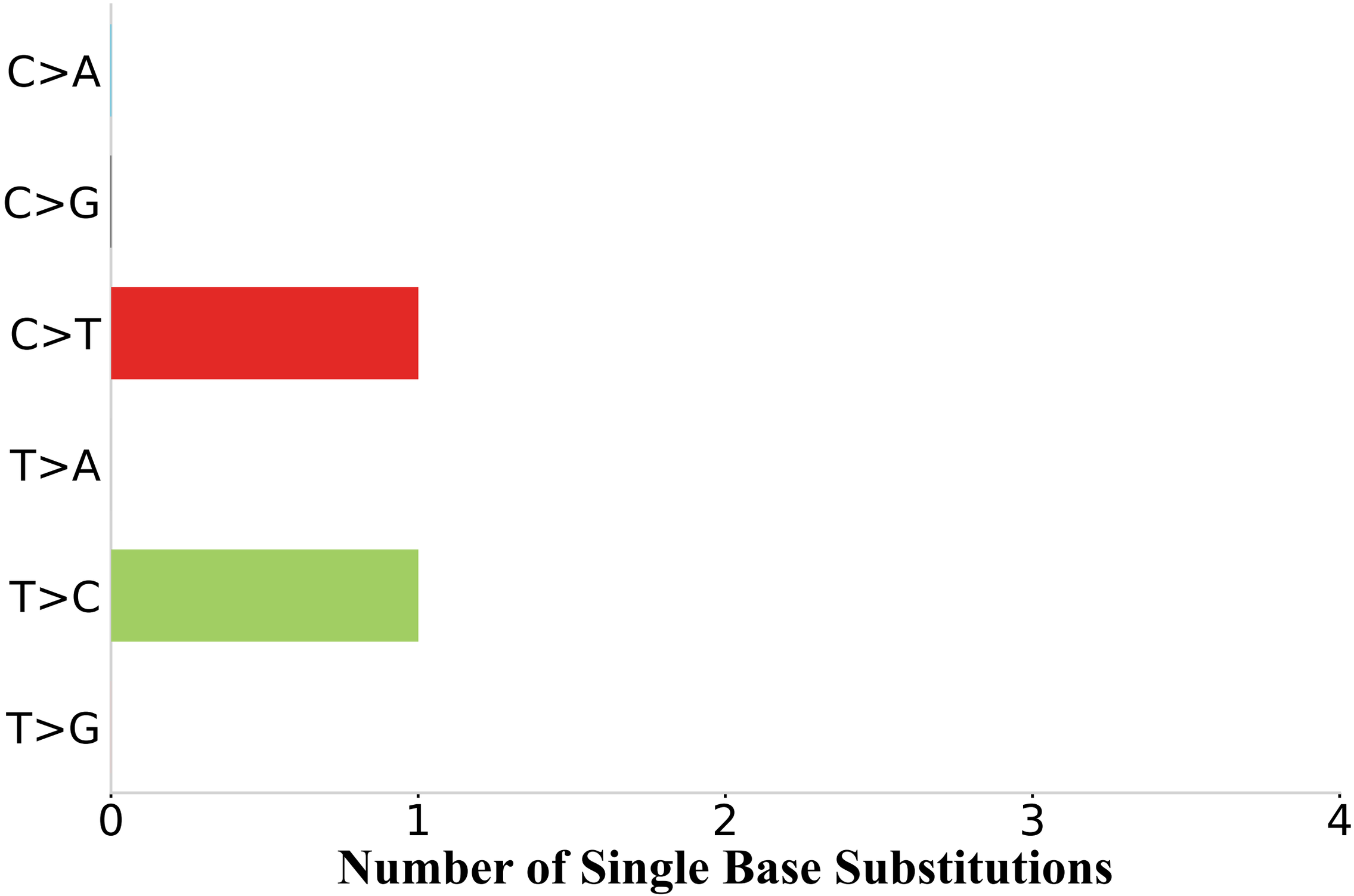


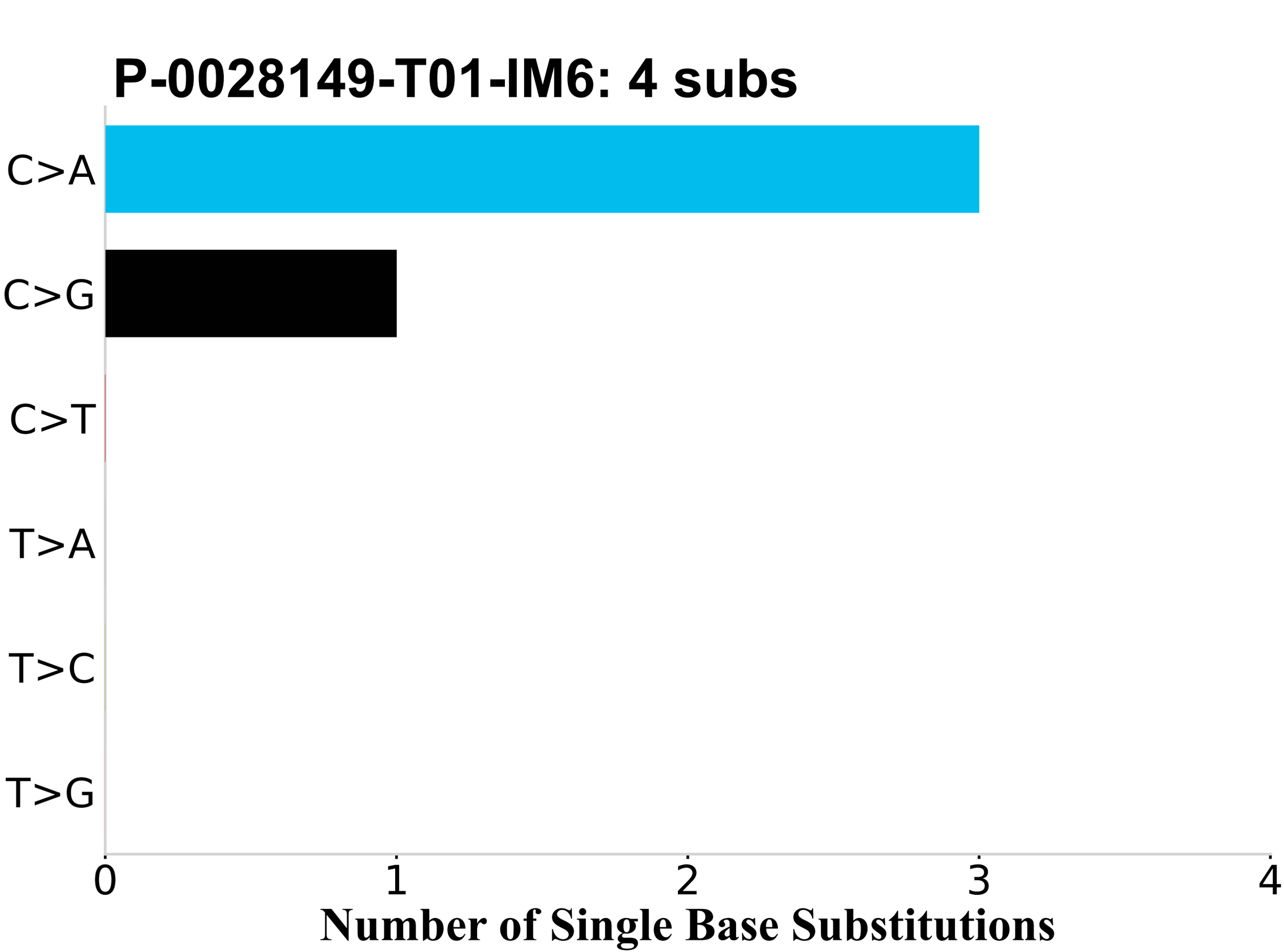
P-0027884-T01-IM6: 2 subs

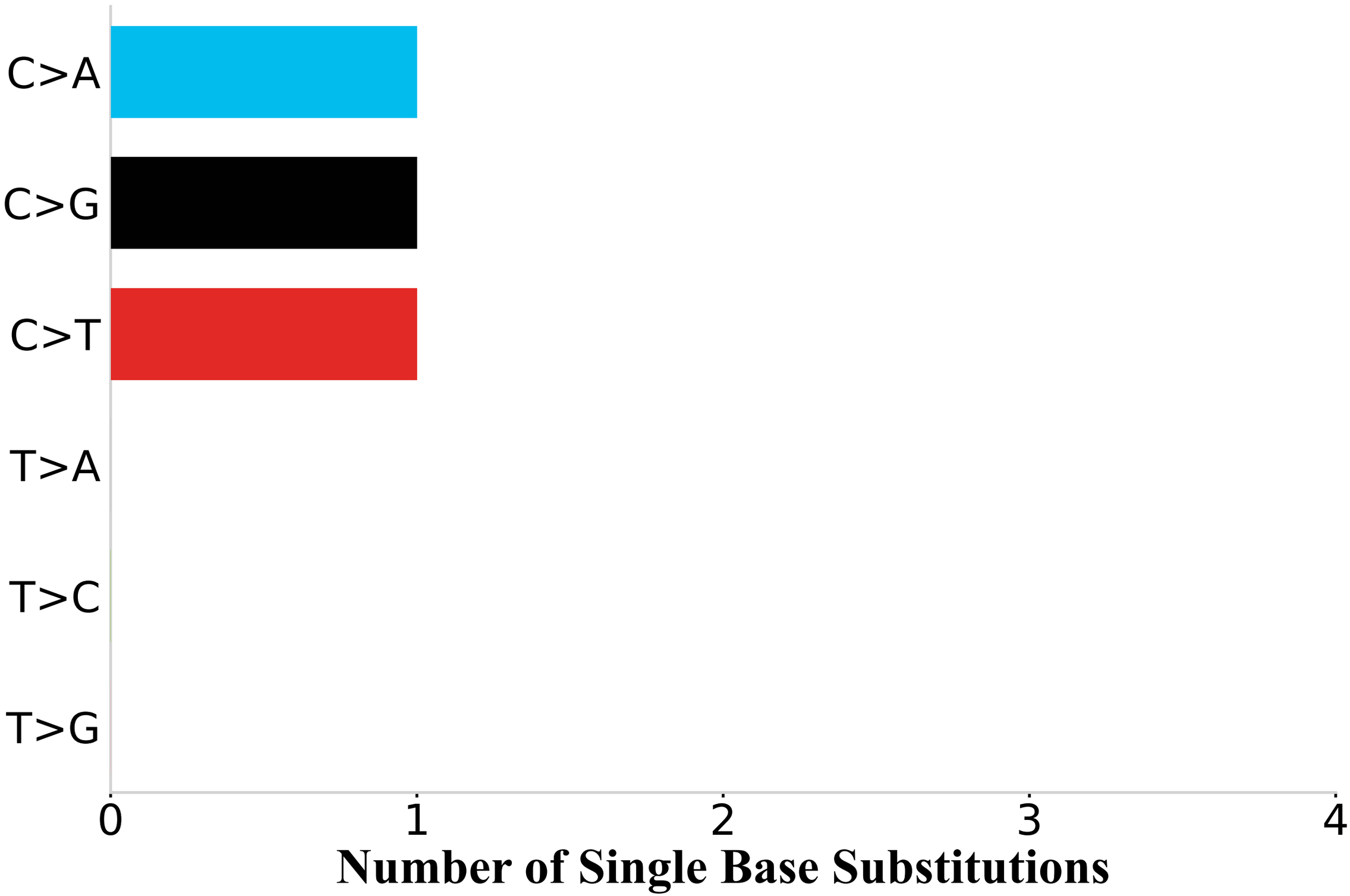
P-0027998-T01-IM6: 5 subs



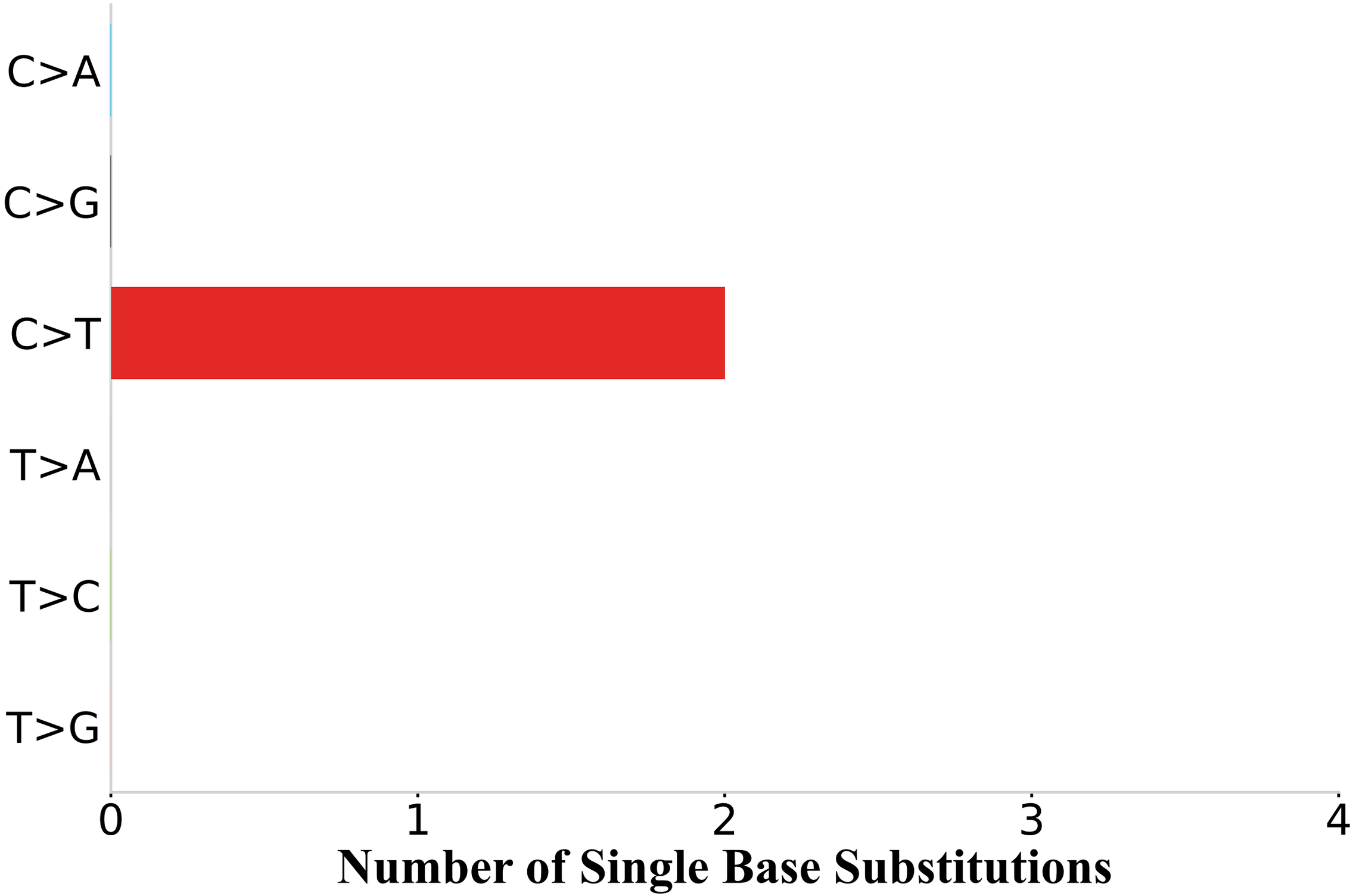
P-0028020-T01-IM6: 2 subs



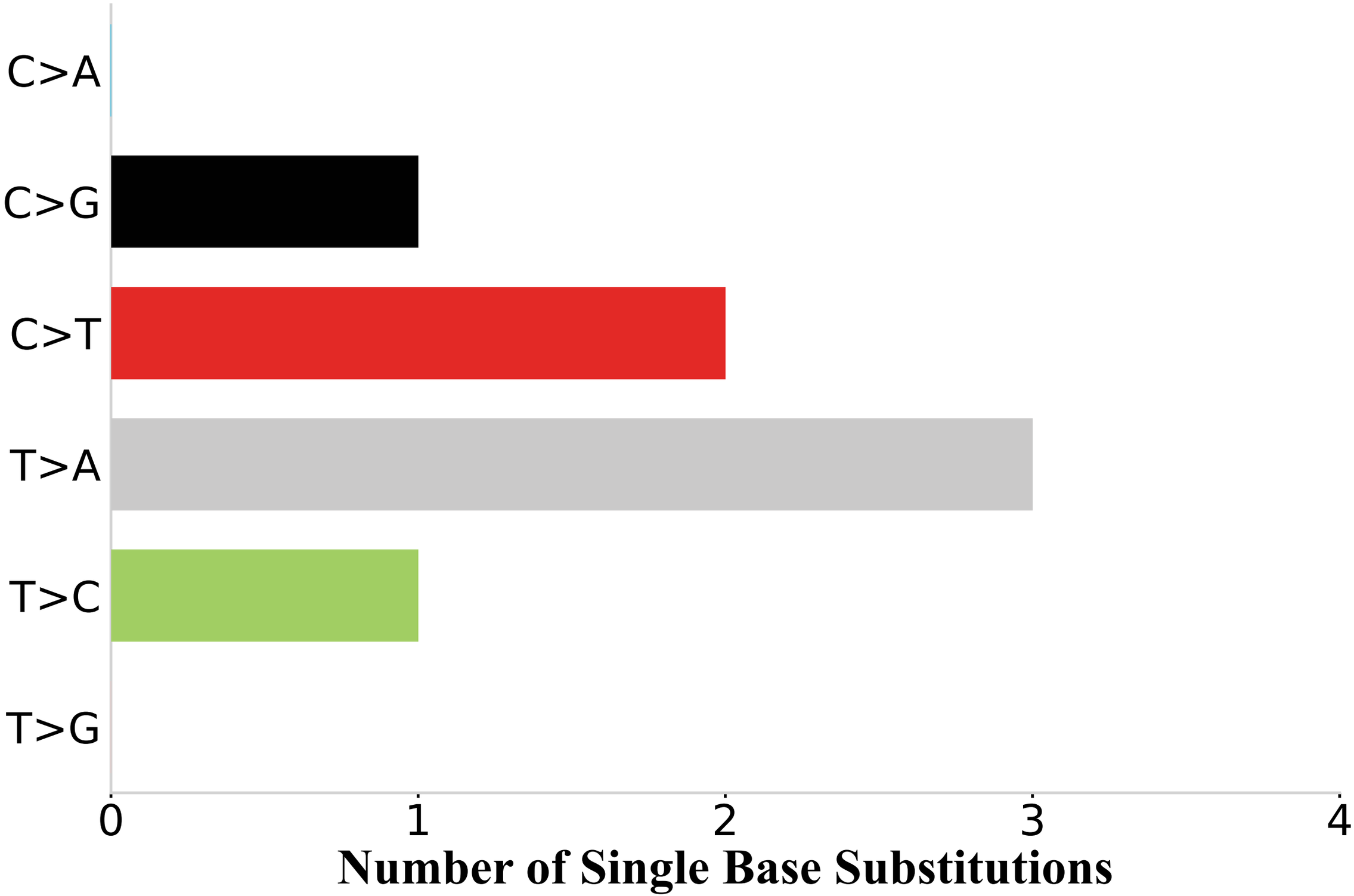

P-0028149-T01-IM6: 4 subs
C>A
C>G
C>T
T>A
T>C
T>G
0
1
2
3
4
Number of Single Base Substitutions


P-0028165-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

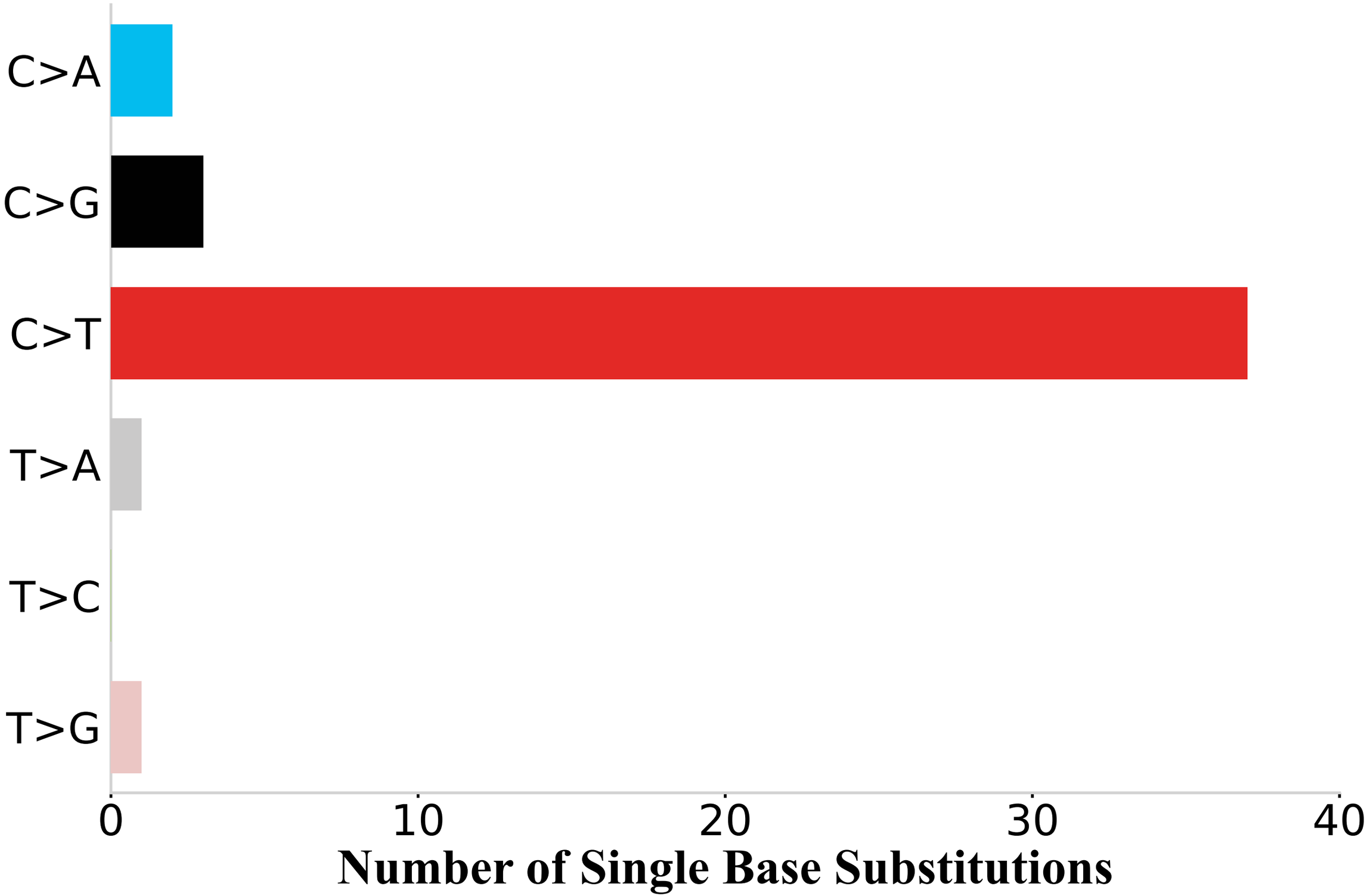
P-0028201-T01-IM6: 2 subs

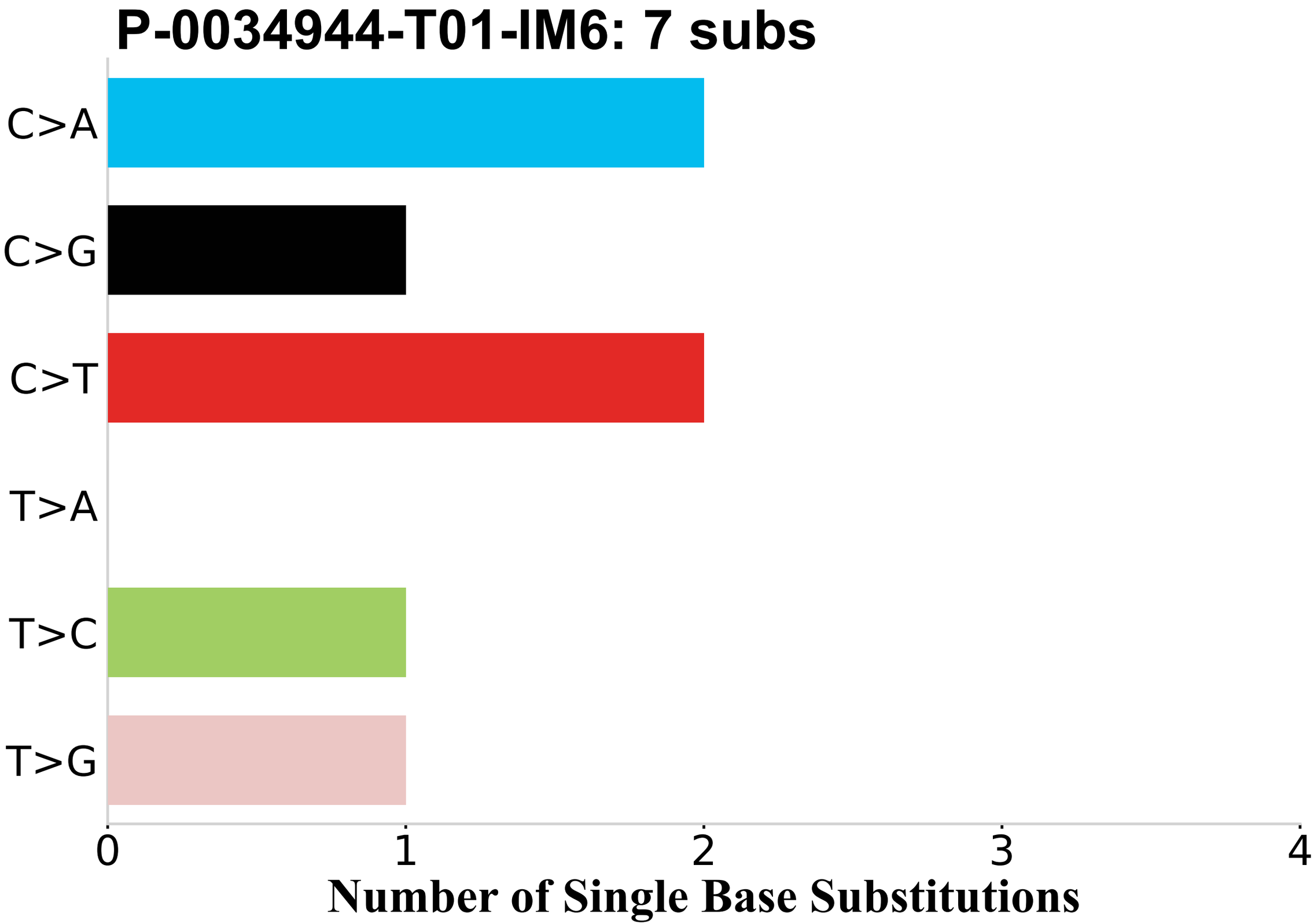


P-0028410-T01-IM6: 7 subs



P-0033260-T02-IM6: 44 subs




P-0034944-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