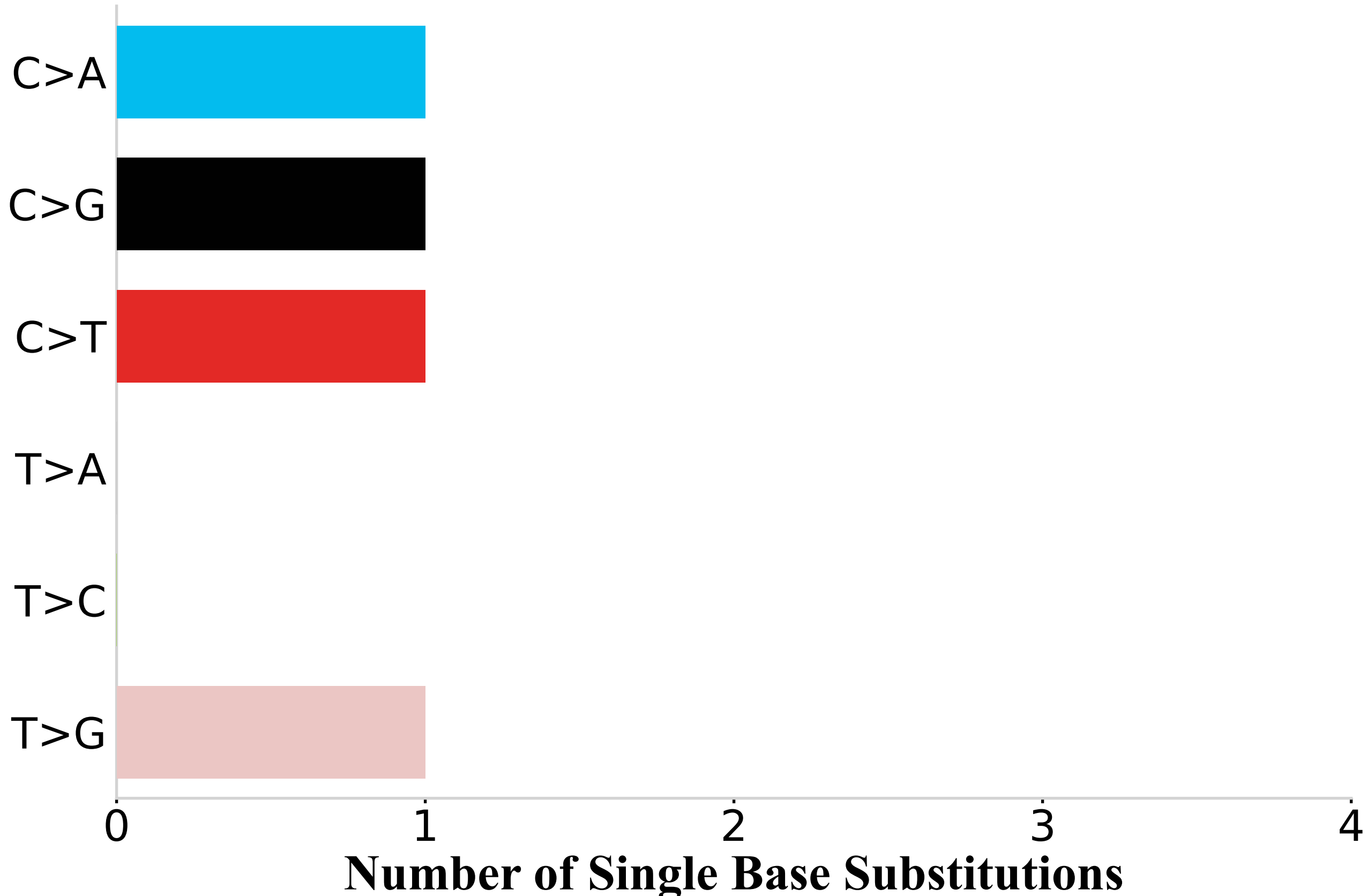
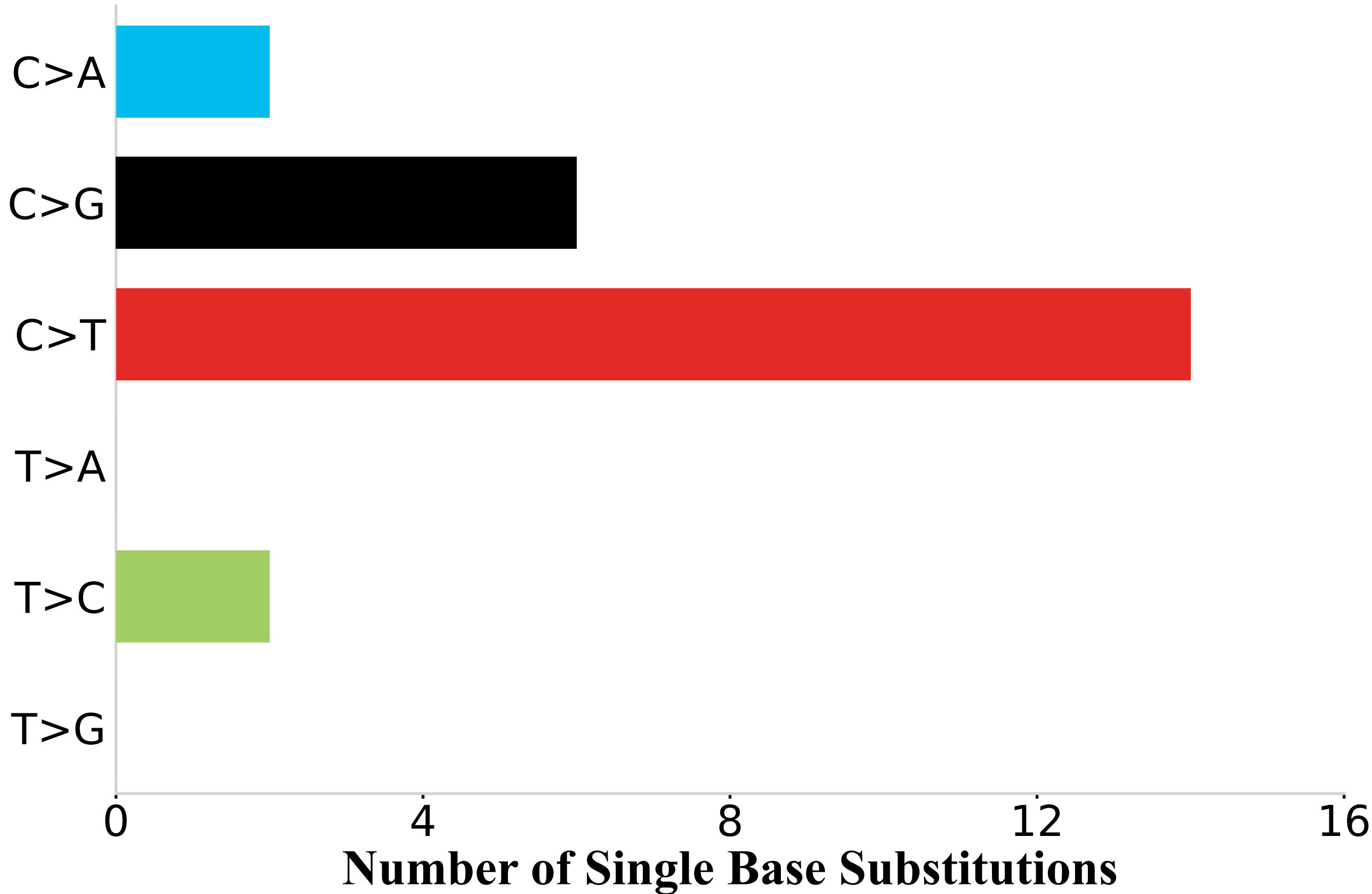


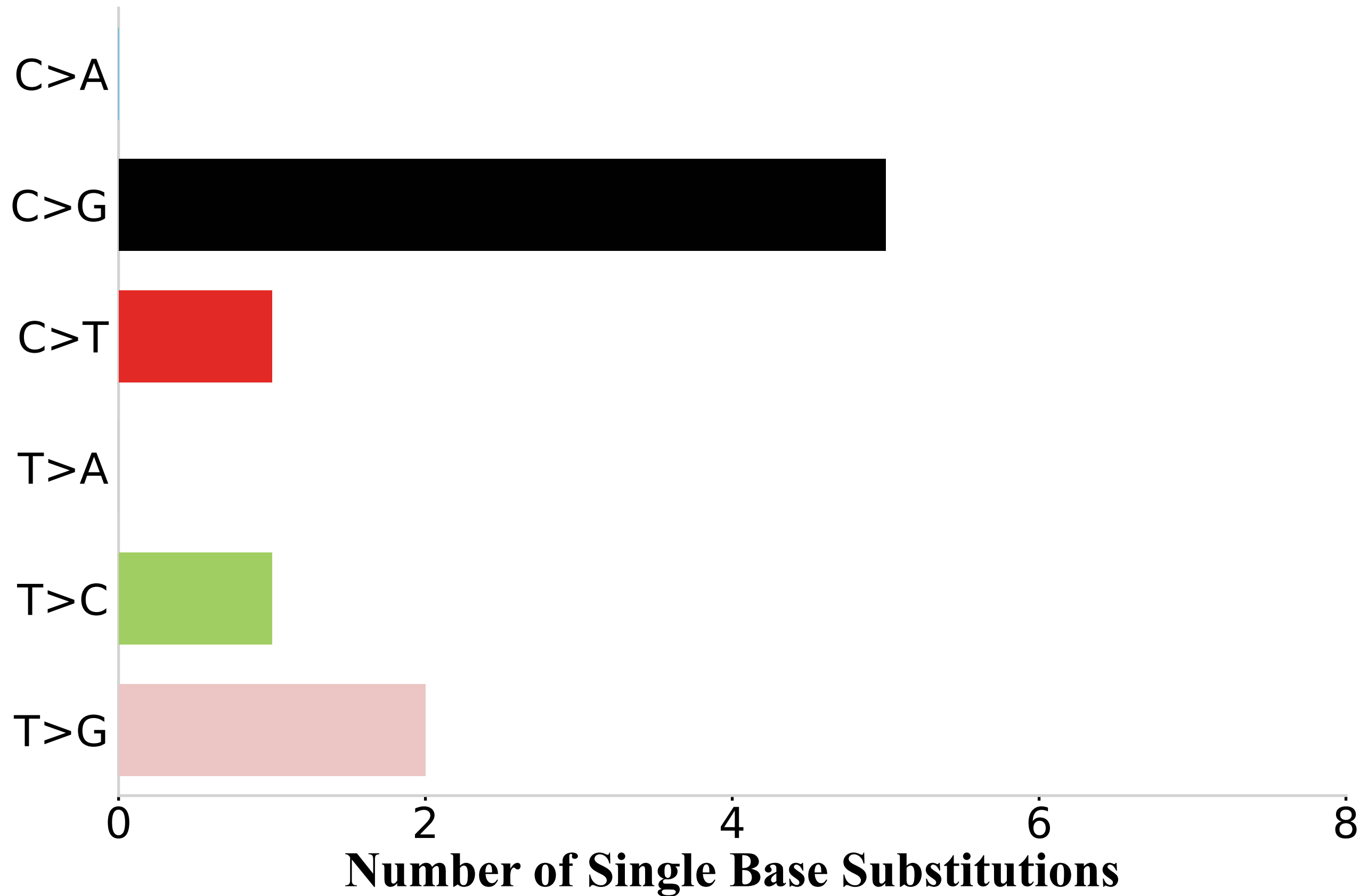
P-0000104-T01-IM3: 4 subs



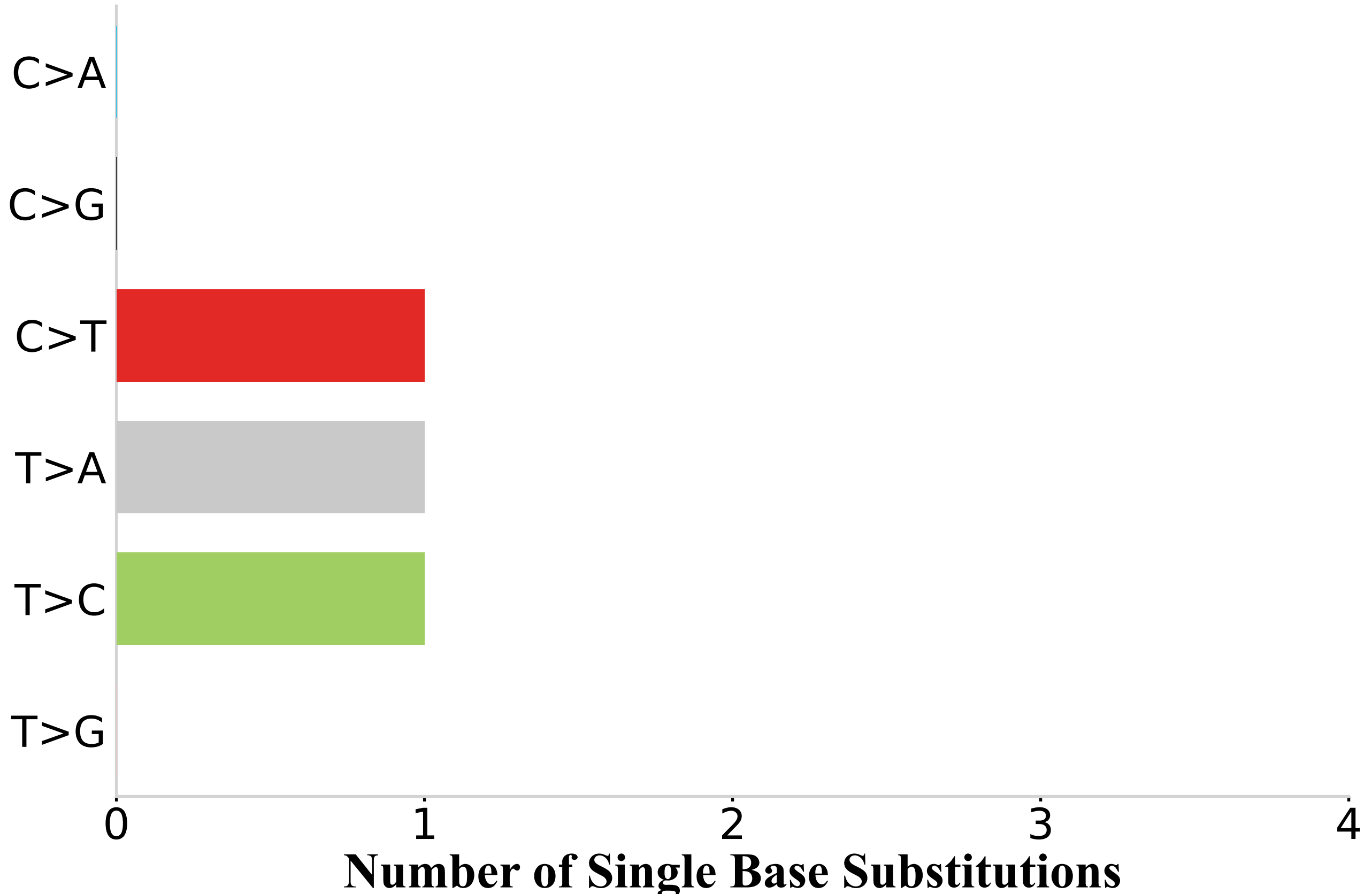
P-0000167-T02-IM3: 24 subs



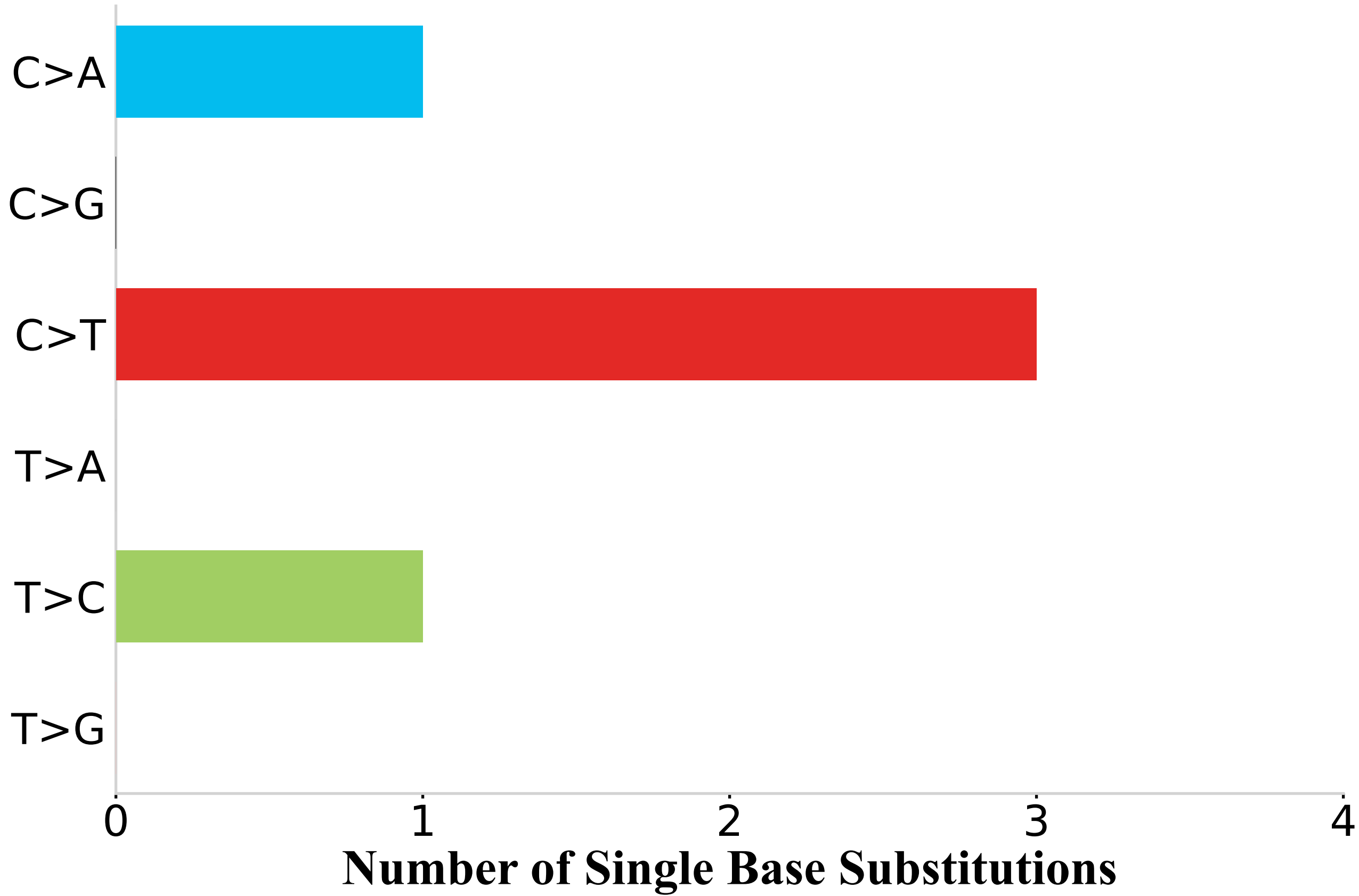
P-0000201-T01-IM3: 9 subs



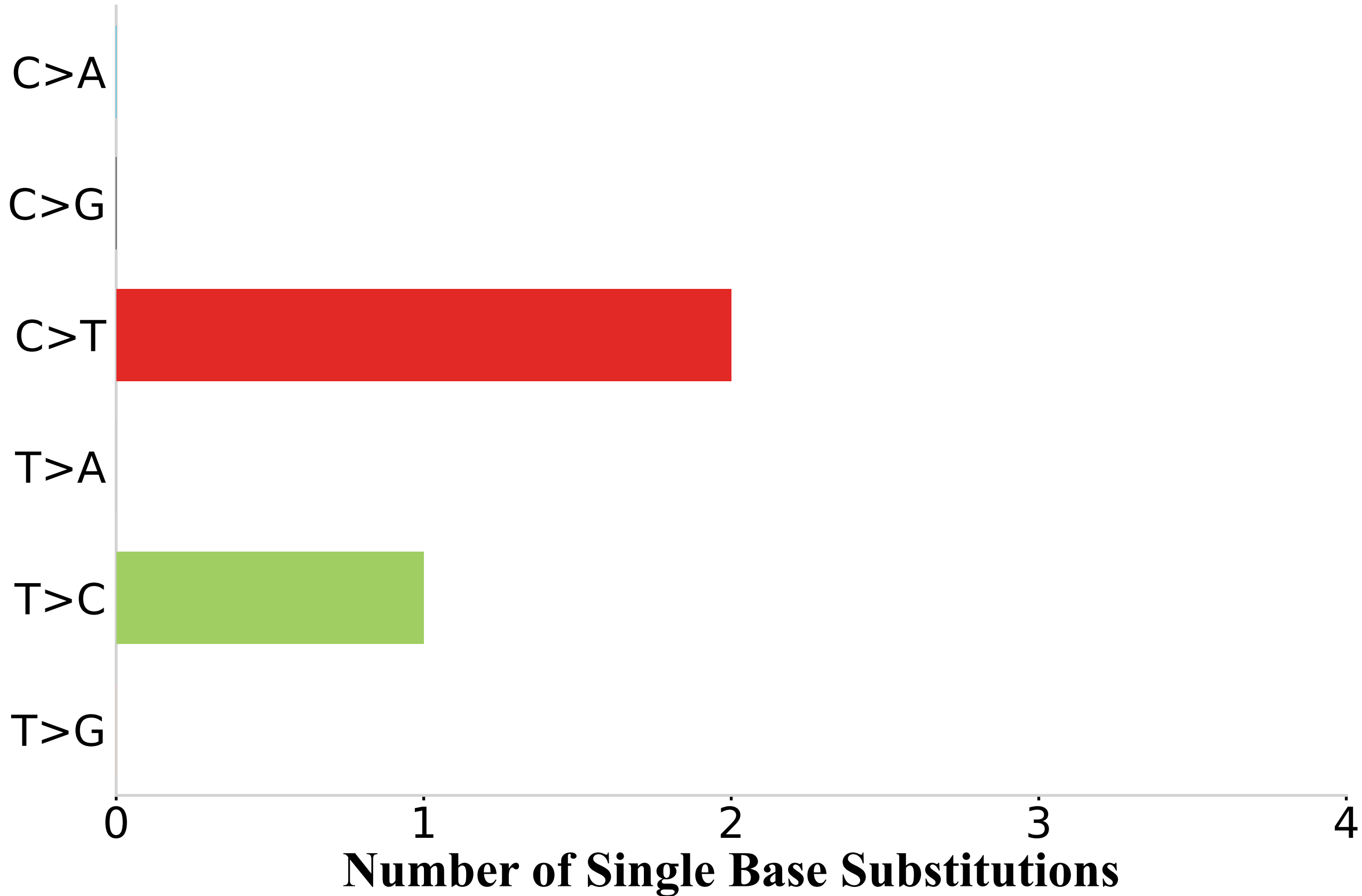
P-0000207-T01-IM3: 3 subs



P-0000220-T01-IM3: 5 subs



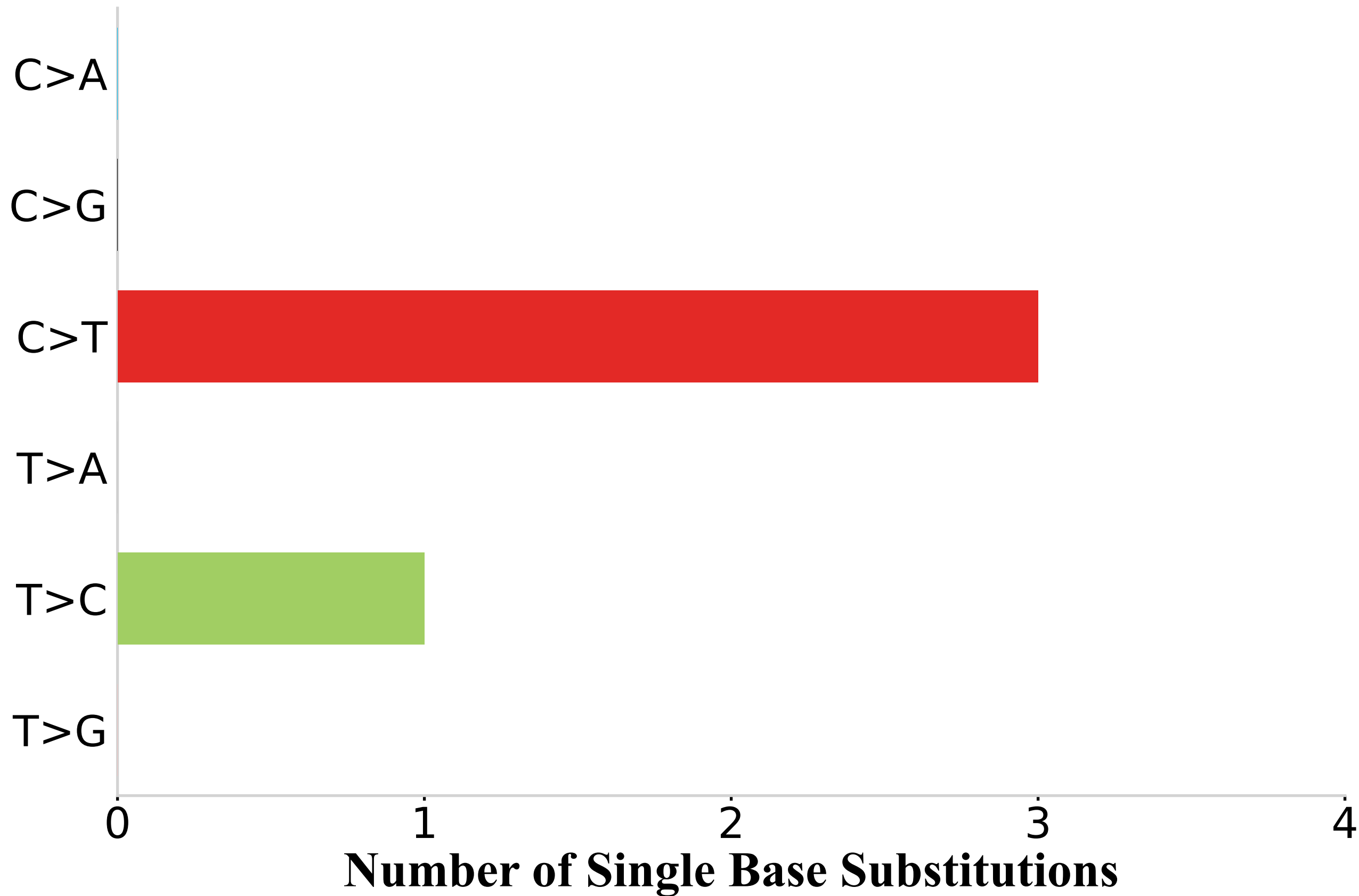
P-0000276-T01-IM3: 3 subs



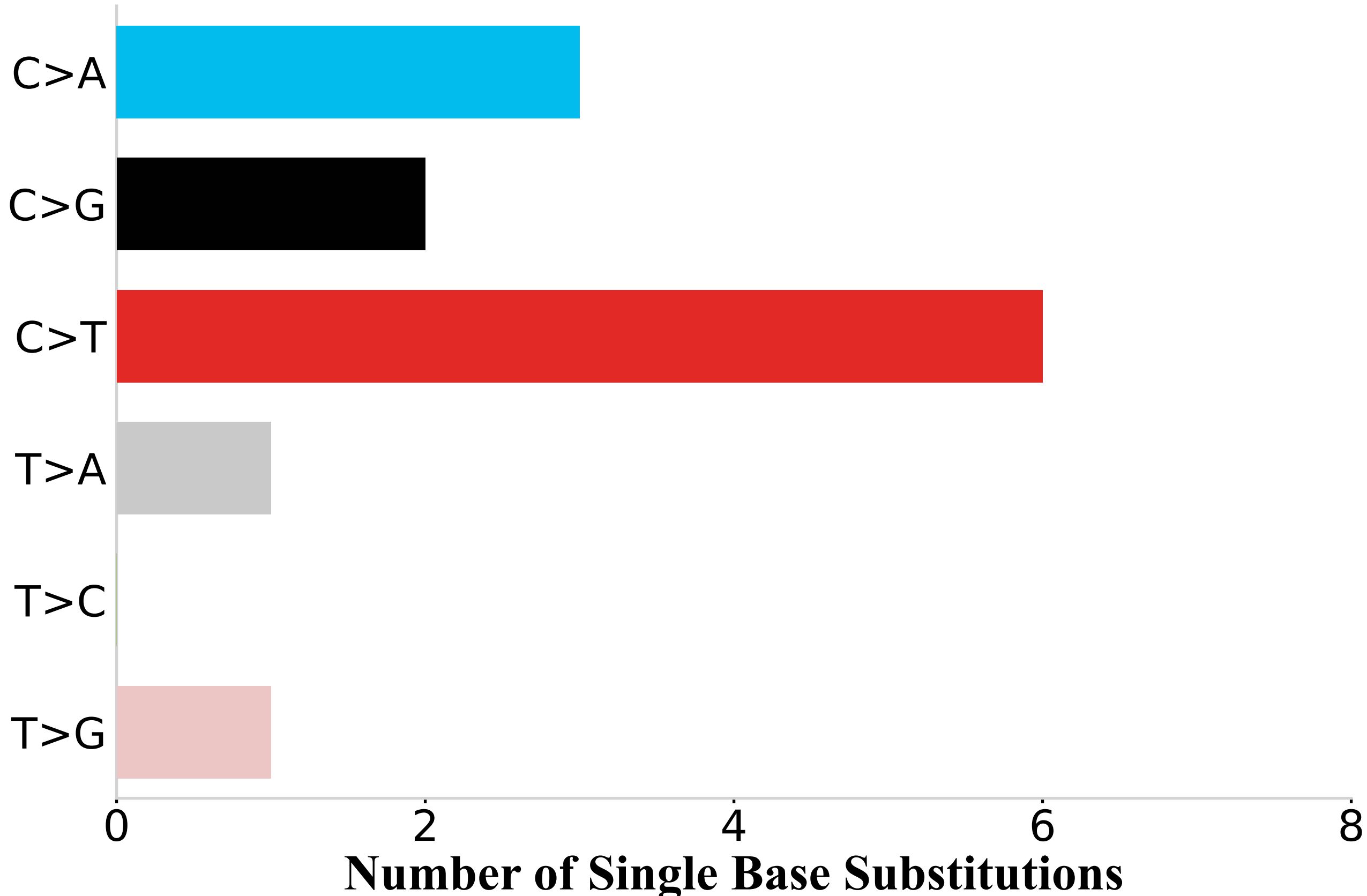
P-0000278-T01-IM3: 1 subs



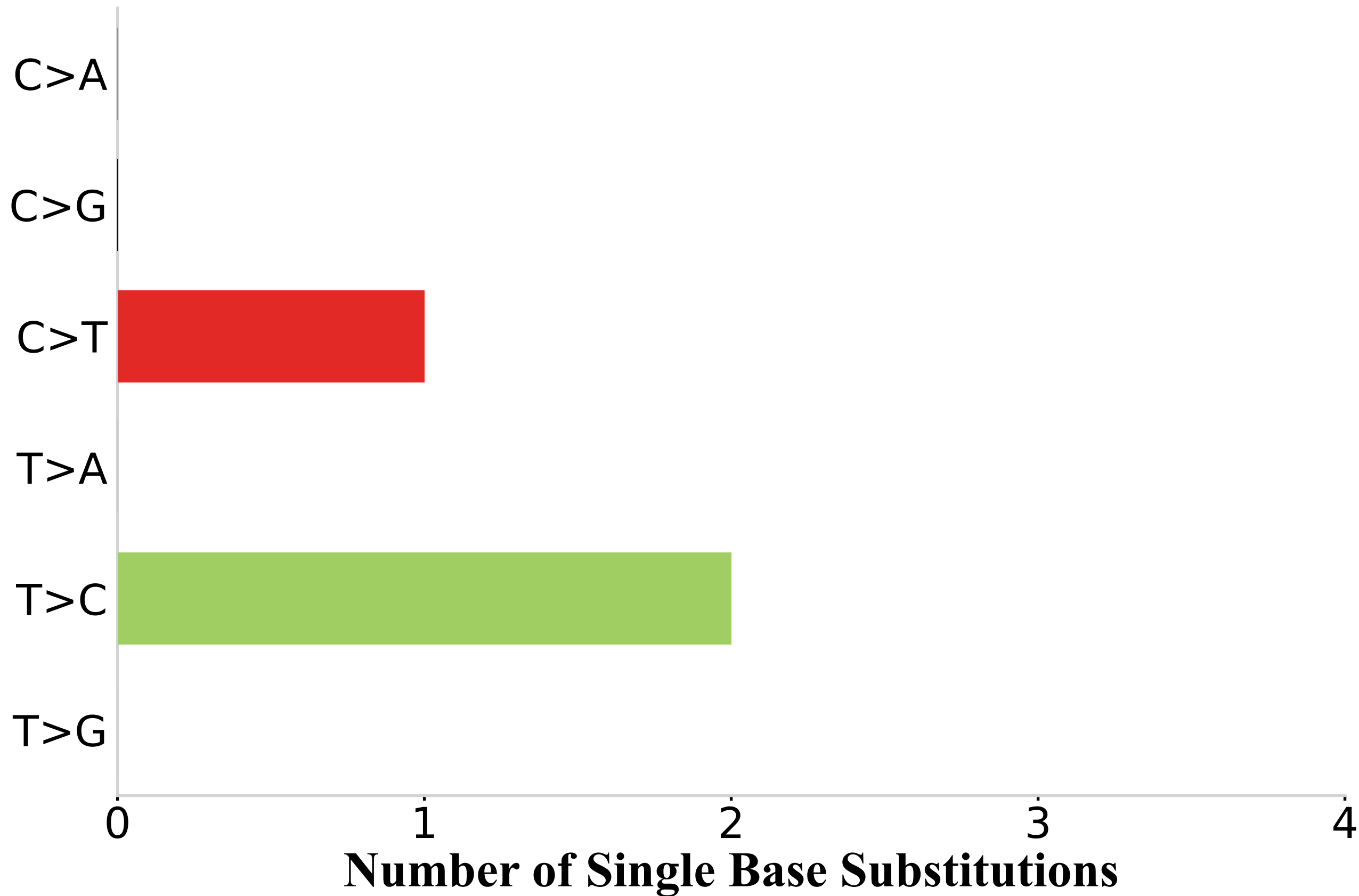
P-0000292-T01-IM3: 4 subs



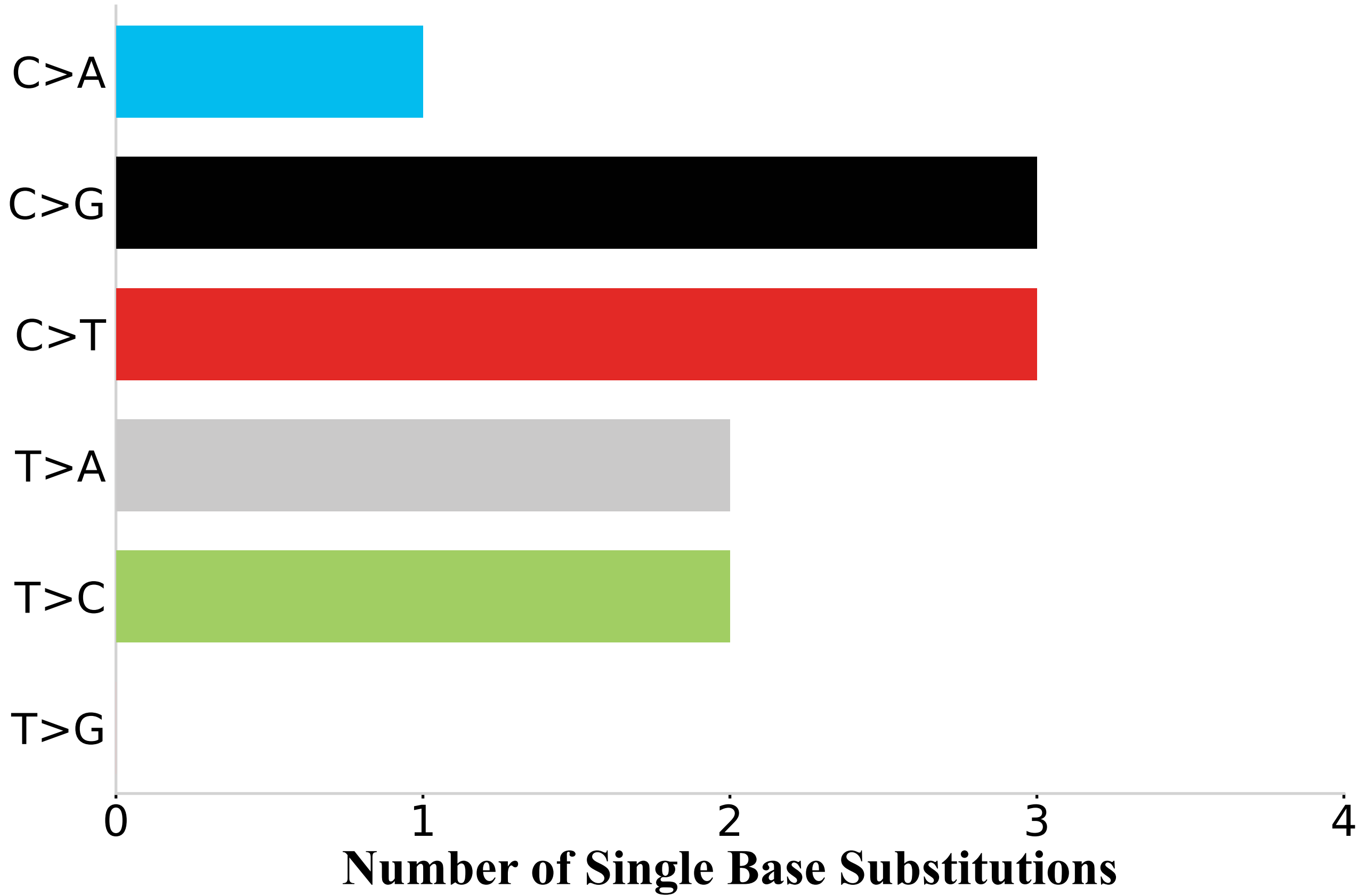
P-0000397-T01-IM3: 13 subs



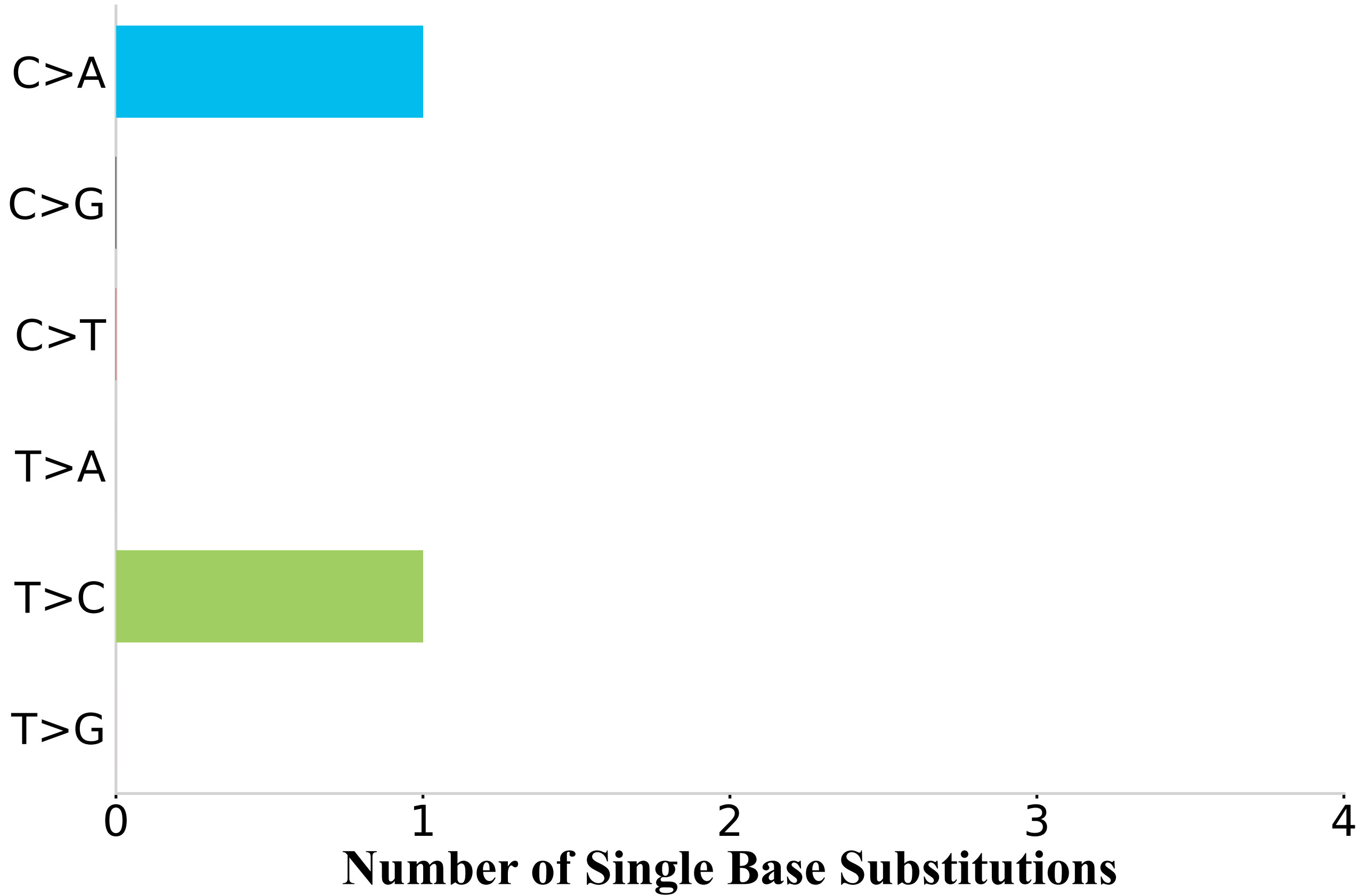
P-0000514-T01-IM3: 3 subs



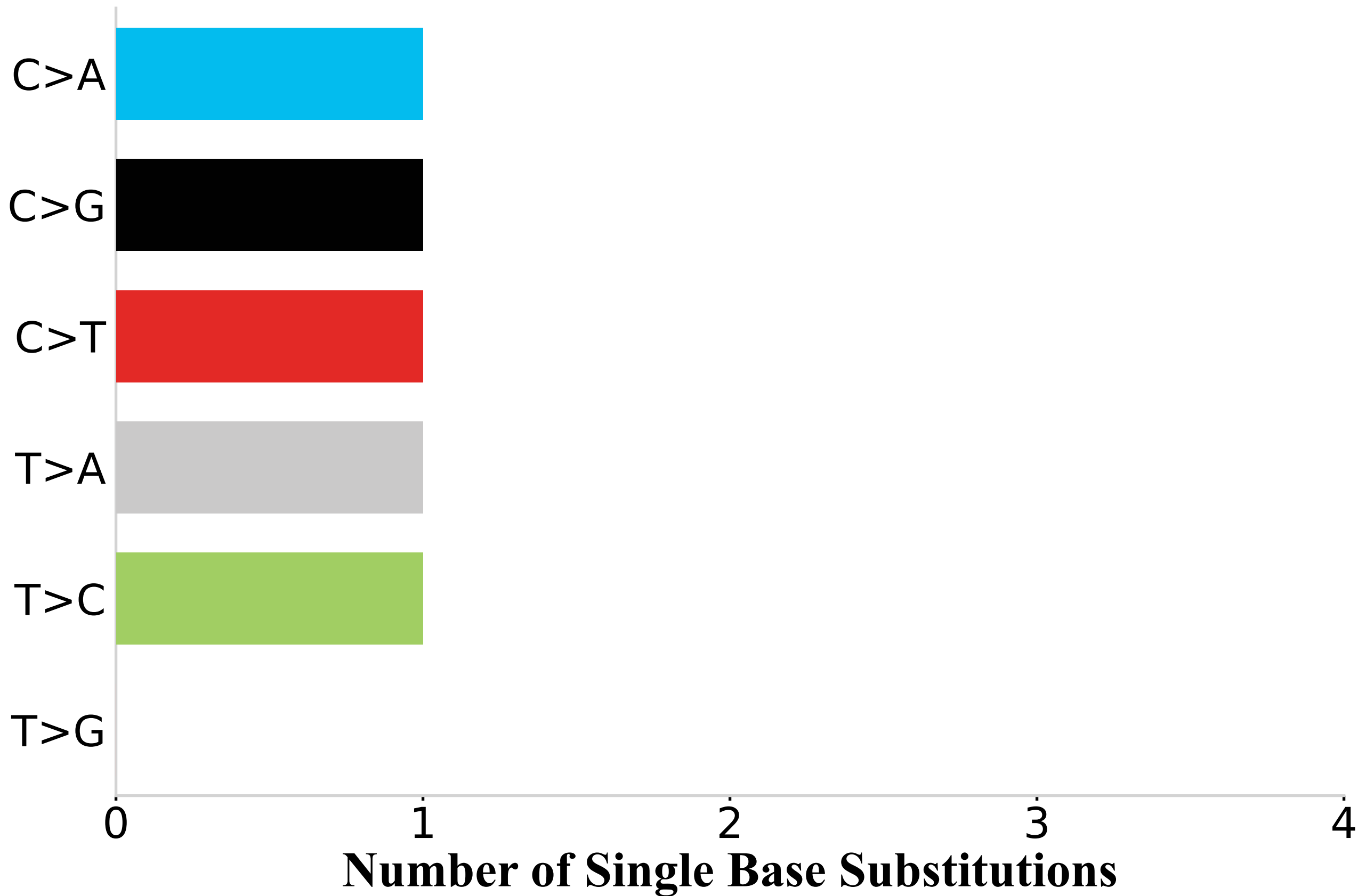
P-0000607-T01-IM3: 11 subs



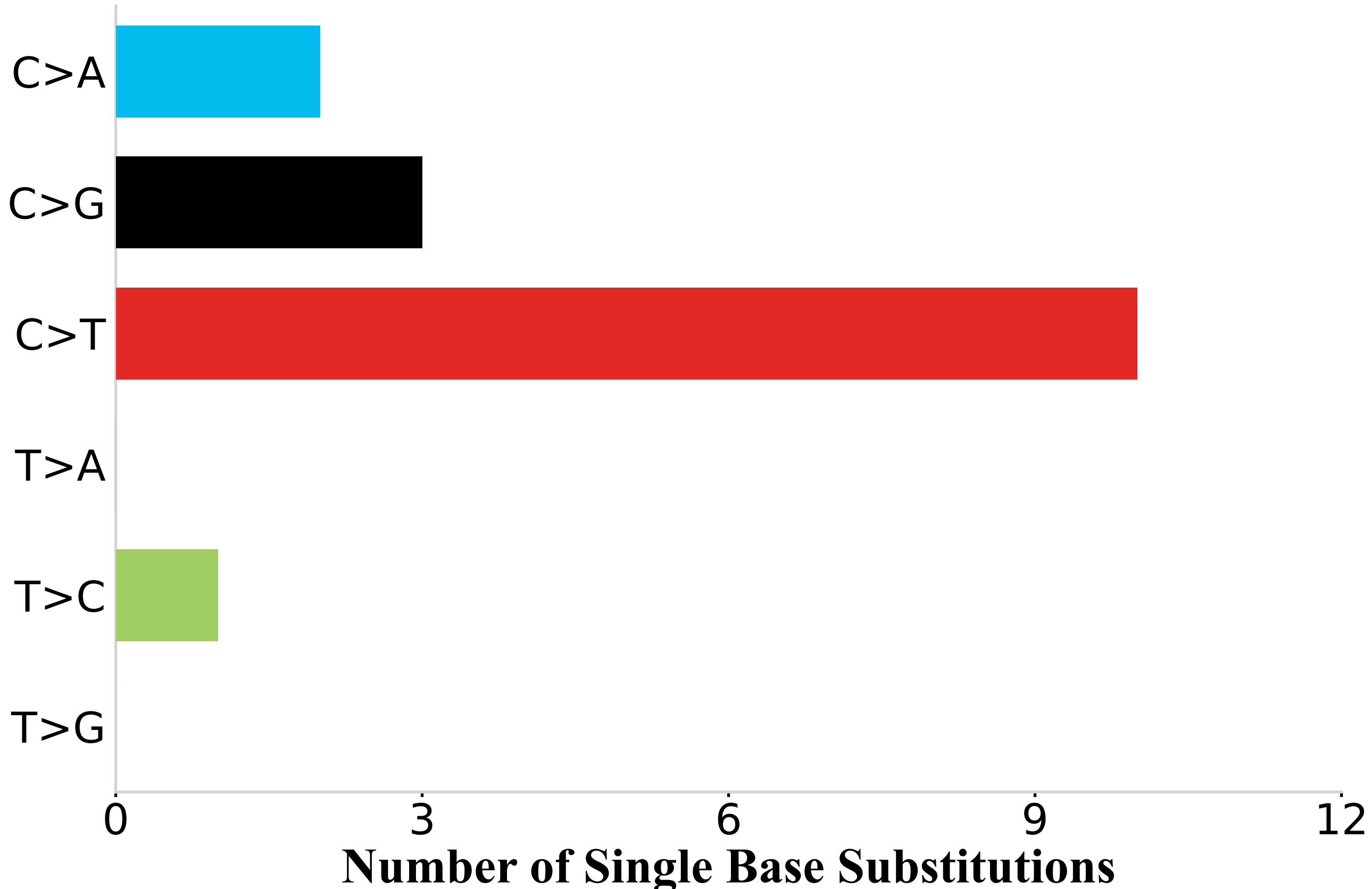
P-0000820-T02-IM3: 2 subs



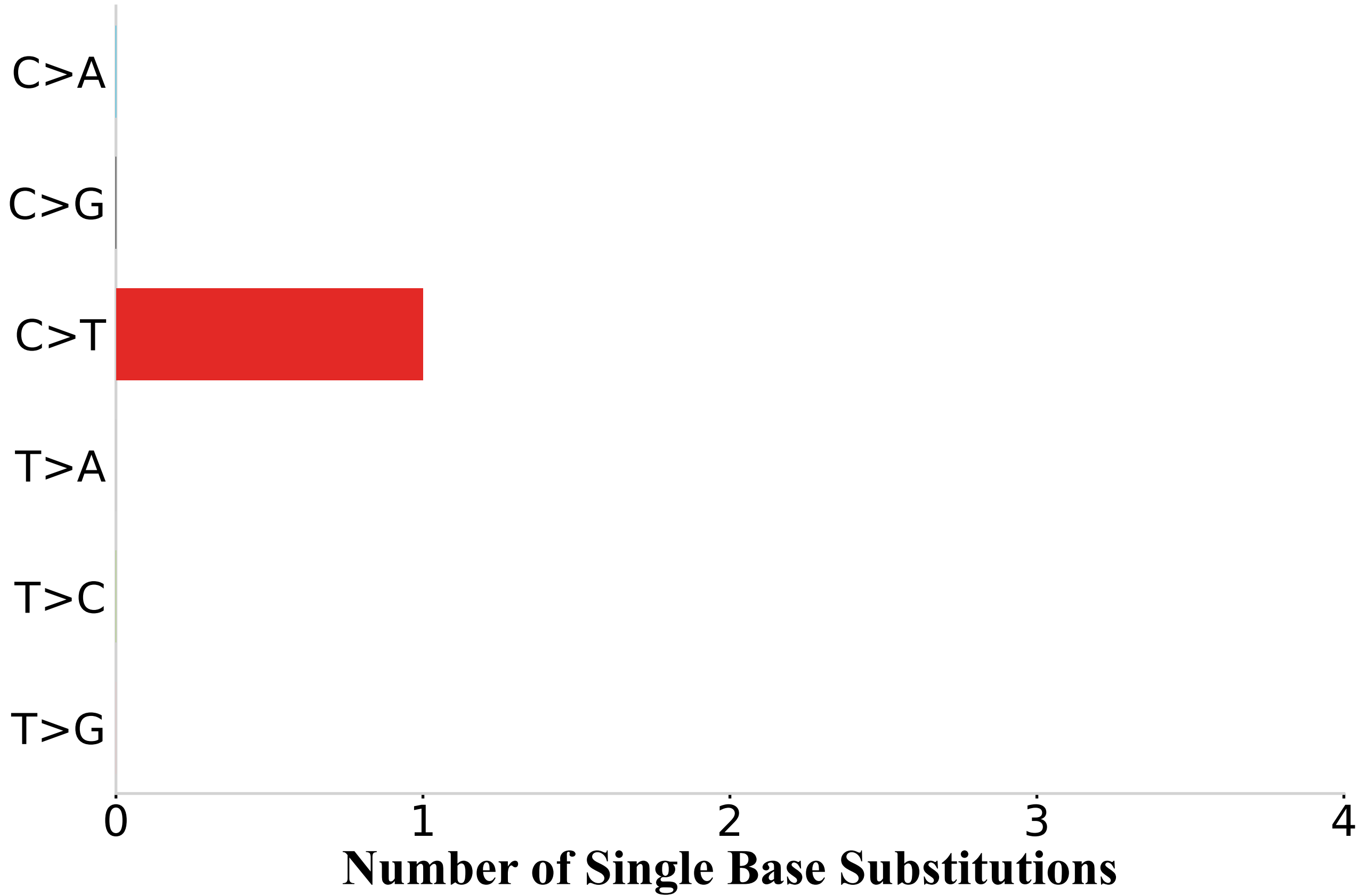
P-0000955-T01-IM3: 5 subs



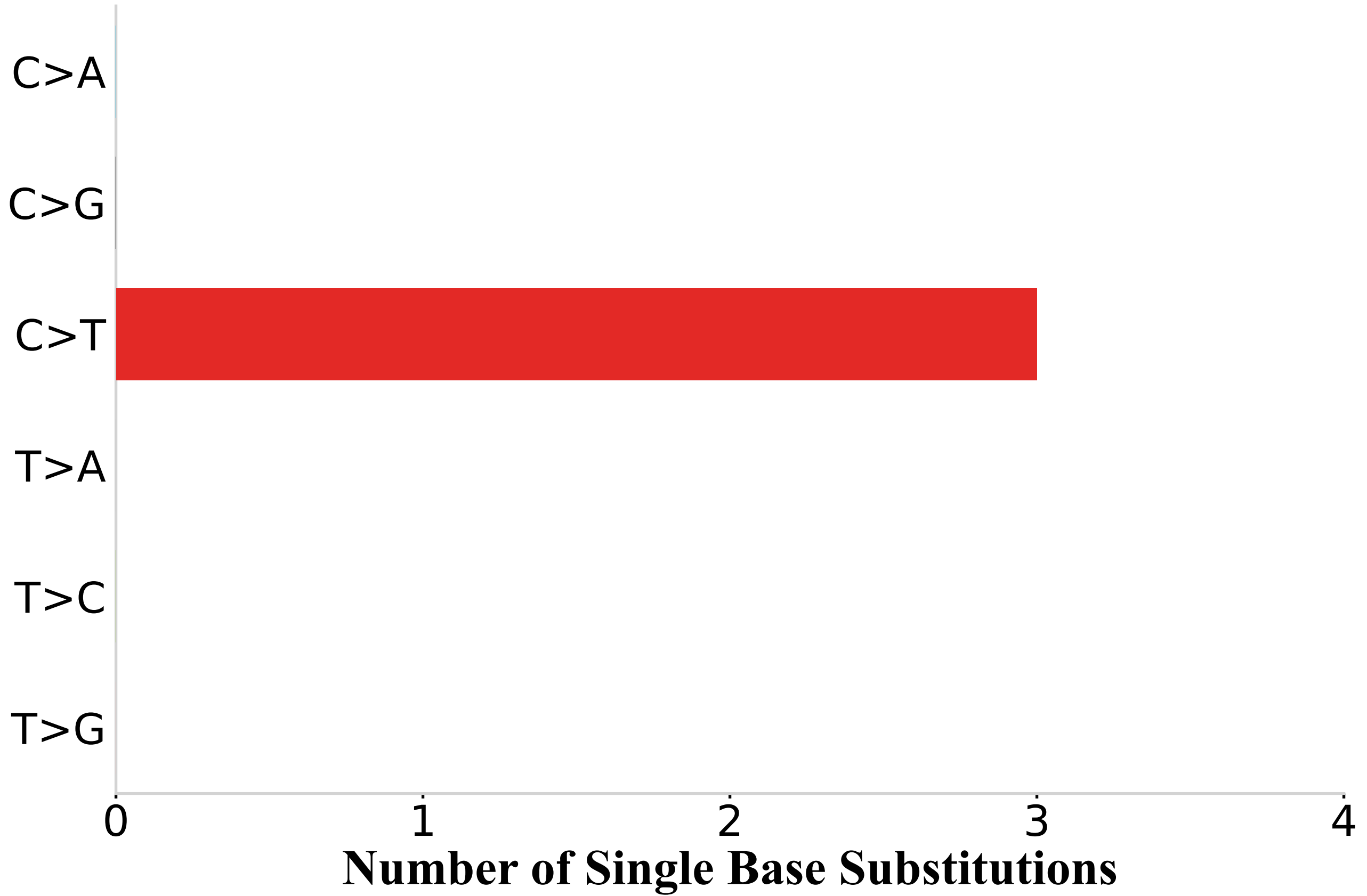
P-0001114-T02-IM3: 16 subs



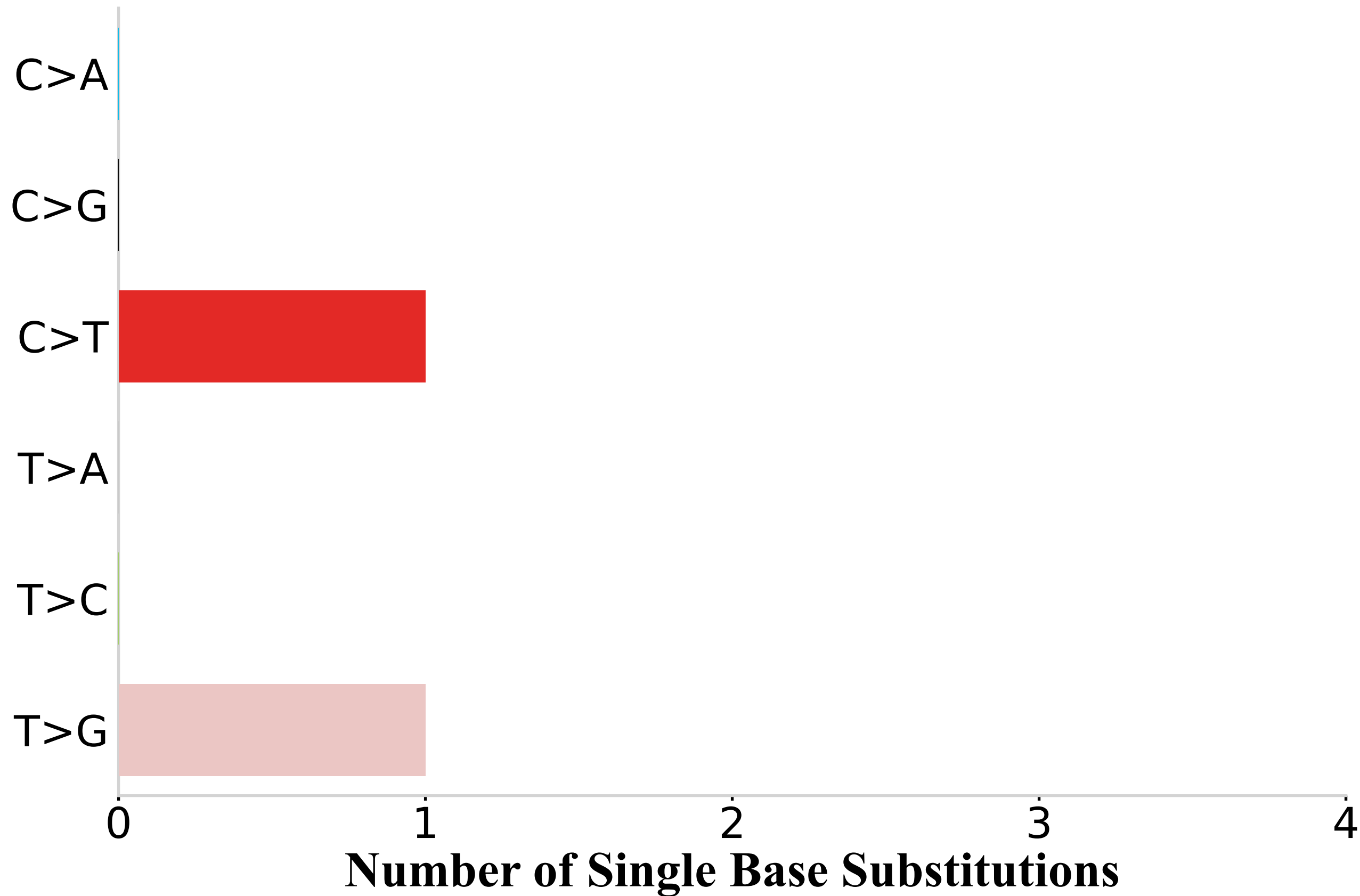
P-0001175-T01-IM3: 1 subs



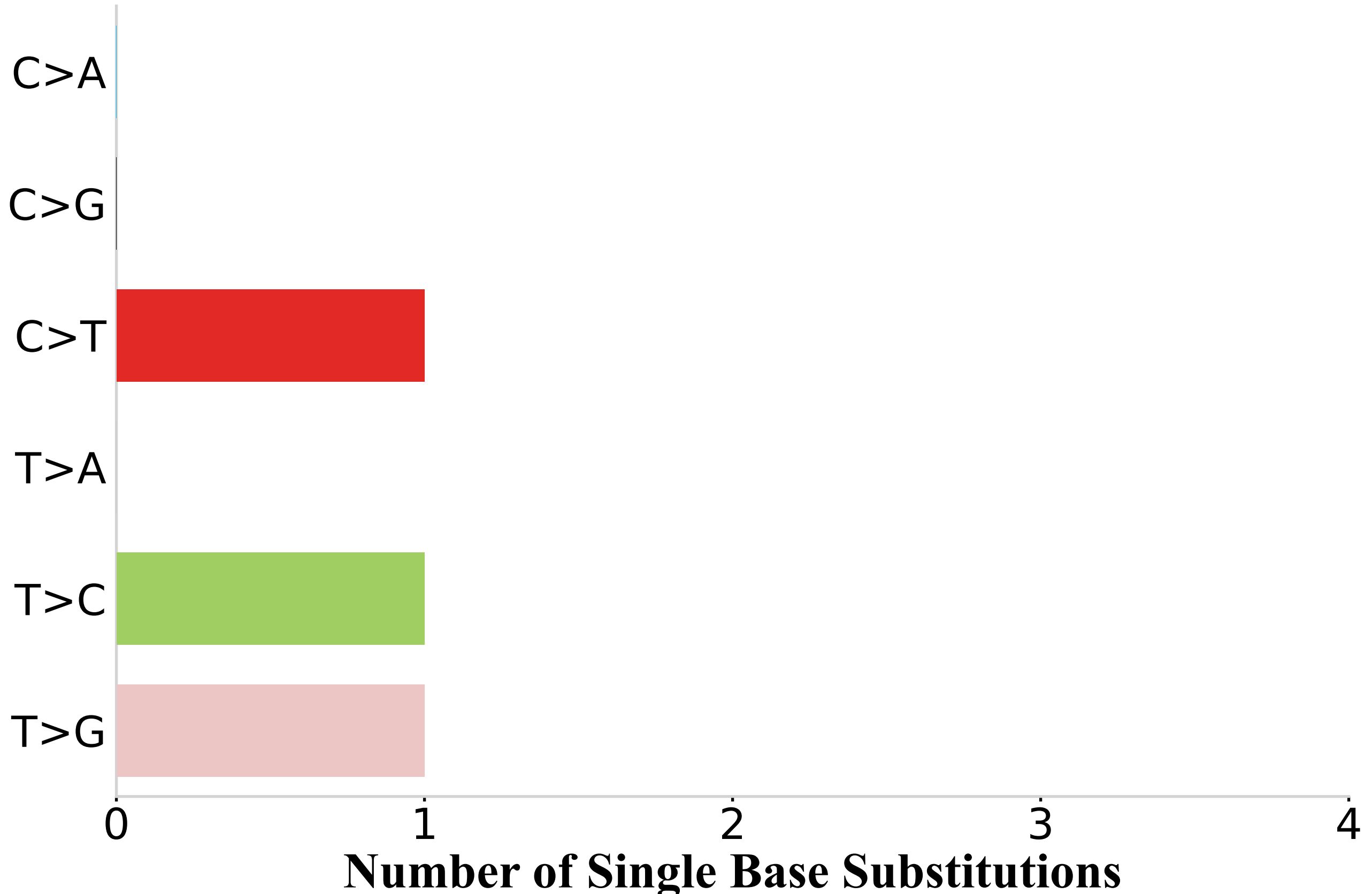
P-0001212-T01-IM3: 3 subs



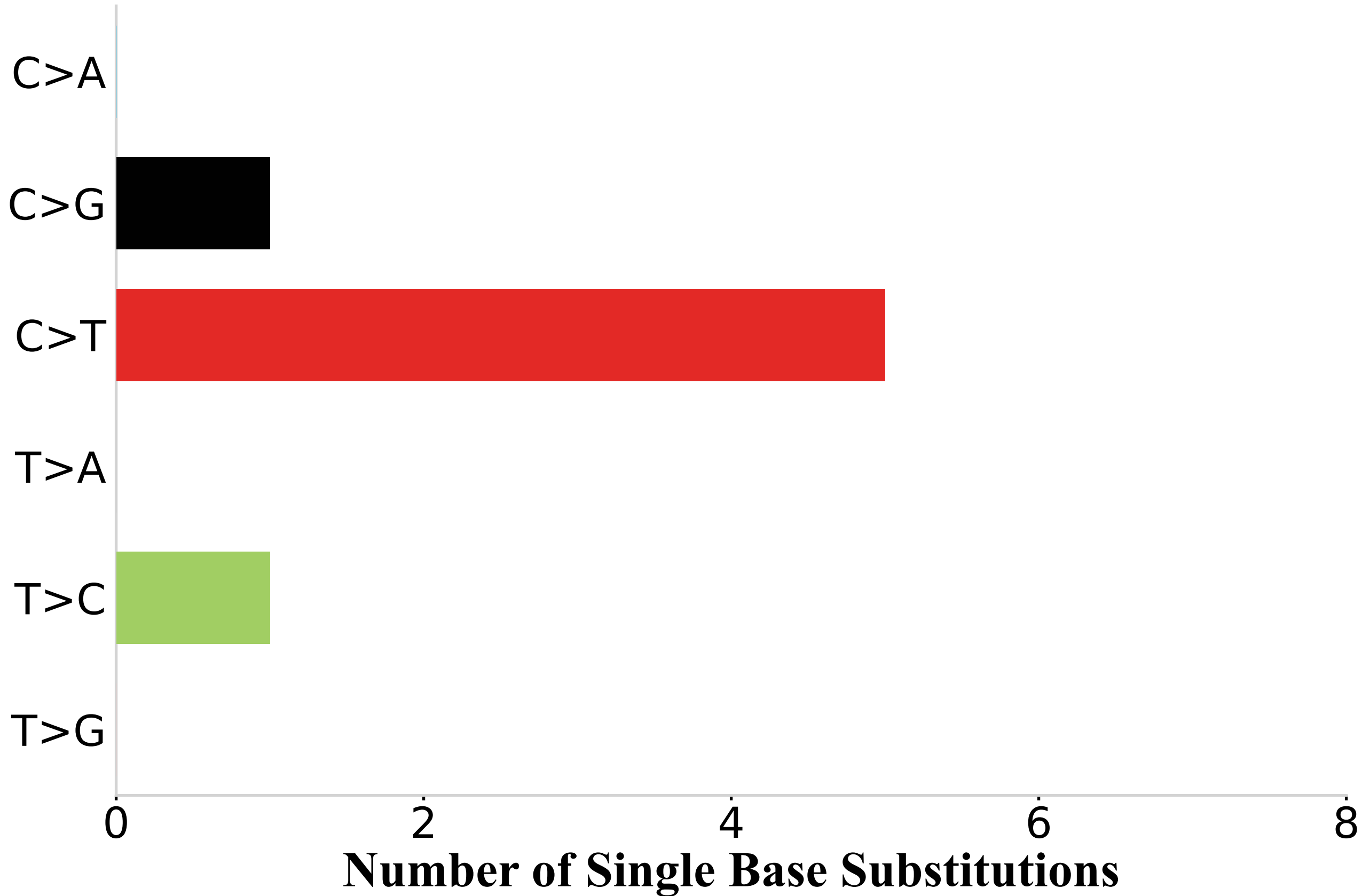
P-0001306-T01-IM3: 2 subs



P-0001350-T01-IM3: 3 subs



P-0001351-T02-IM5: 7 subs



P-0001367-T01-IM3: 2 subs

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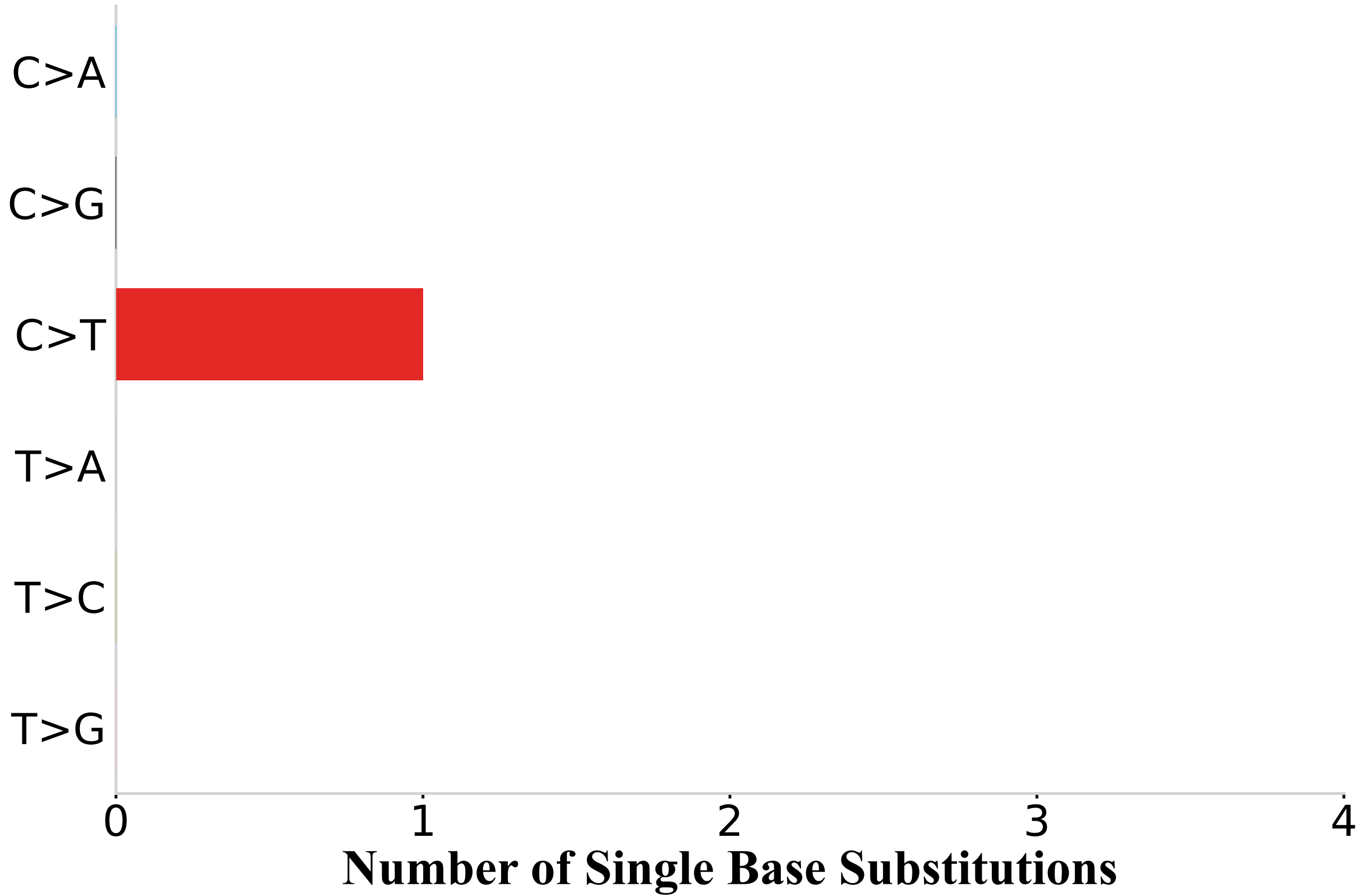
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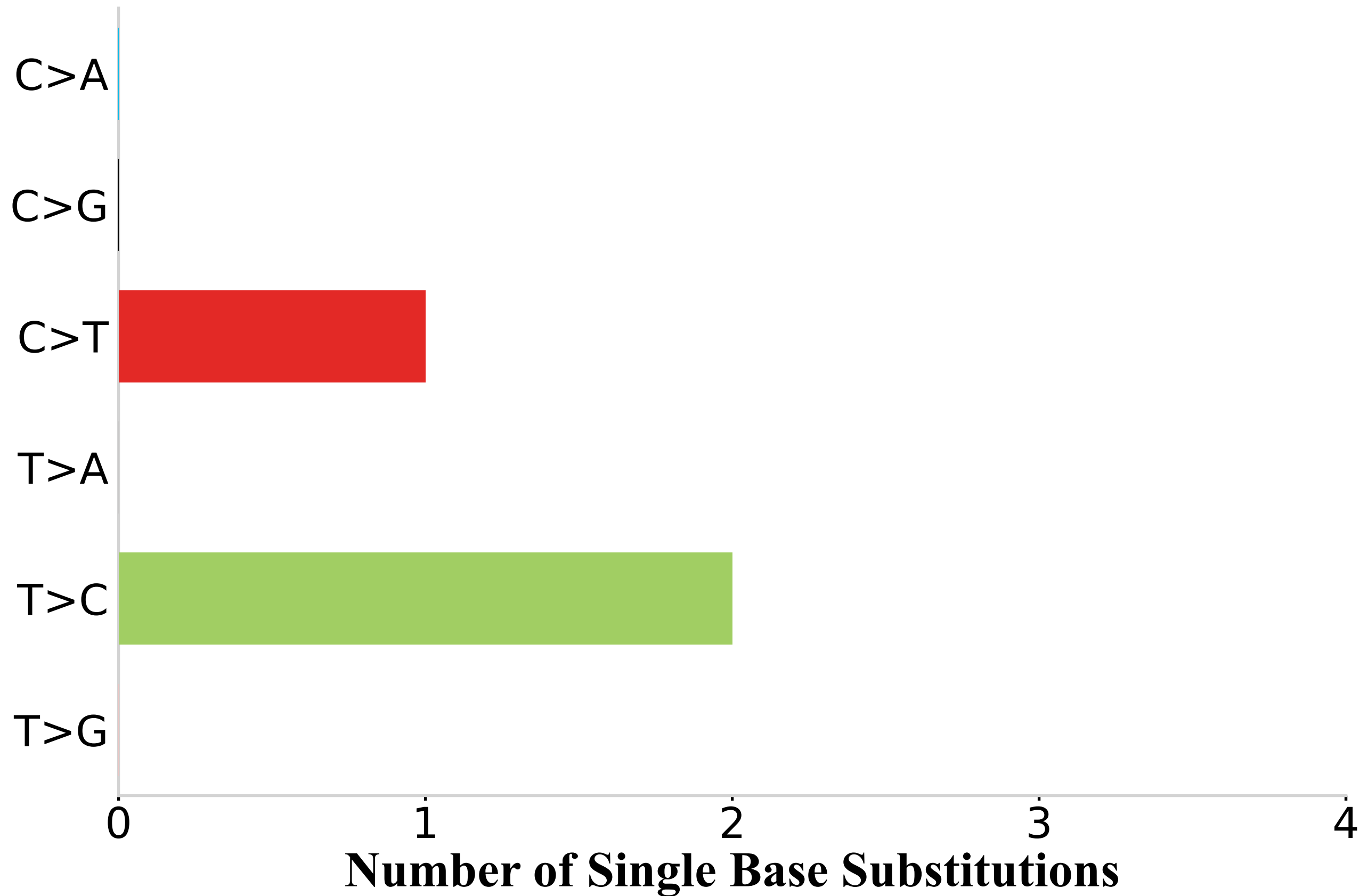
Number of Single Base Substitutions



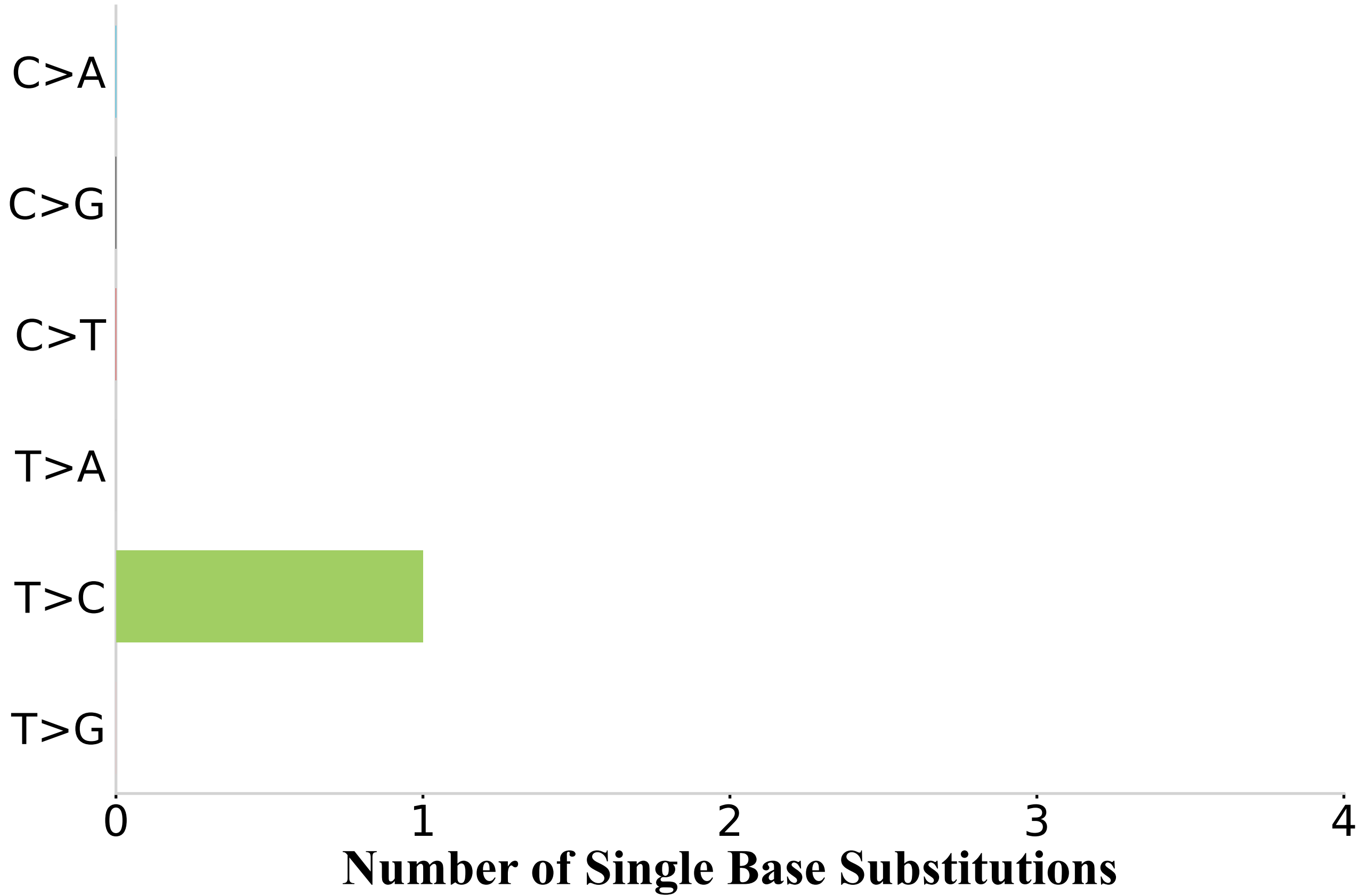
P-0001481-T01-IM3: 1 subs



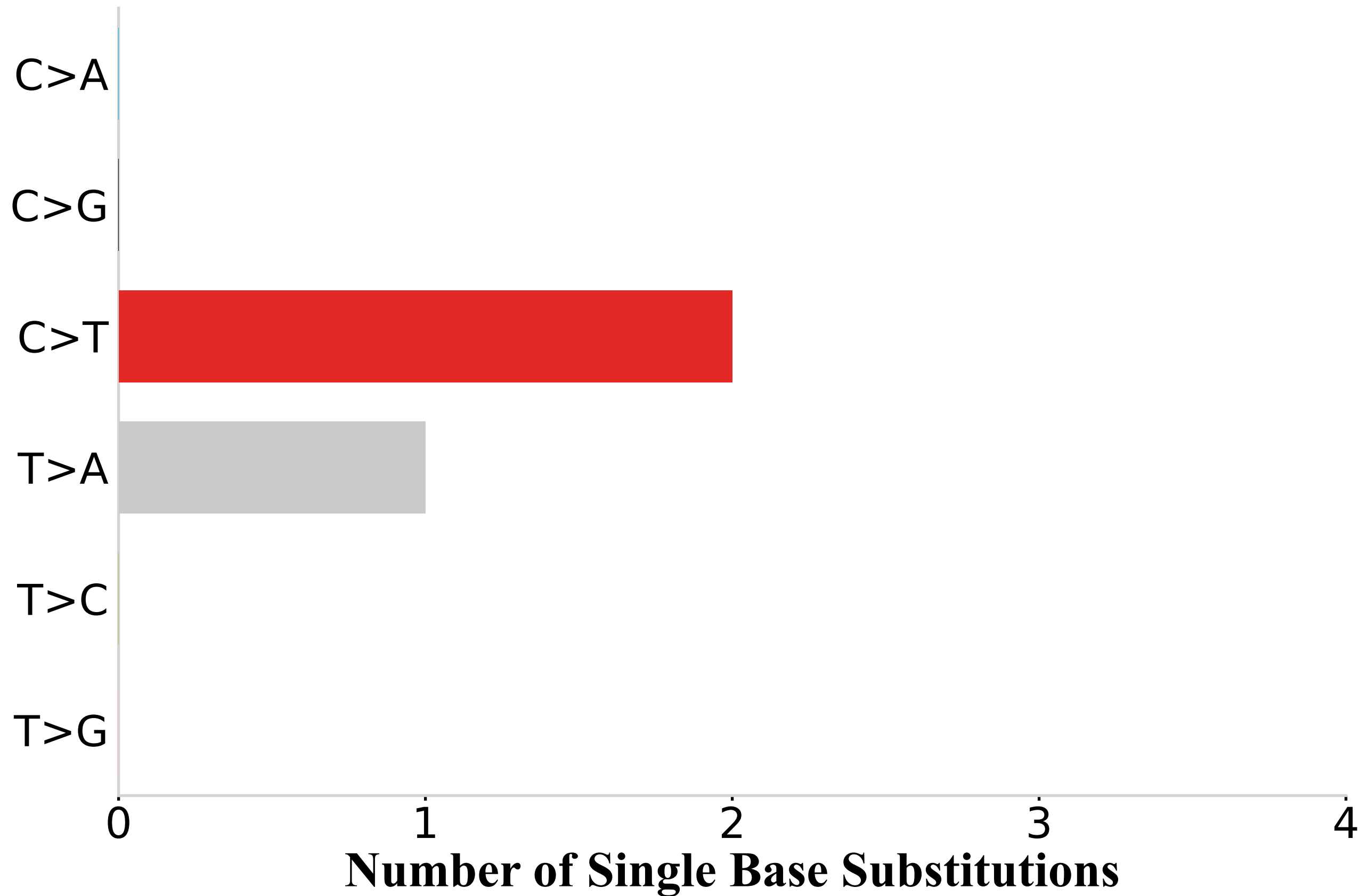
P-0001503-T01-IM3: 3 subs



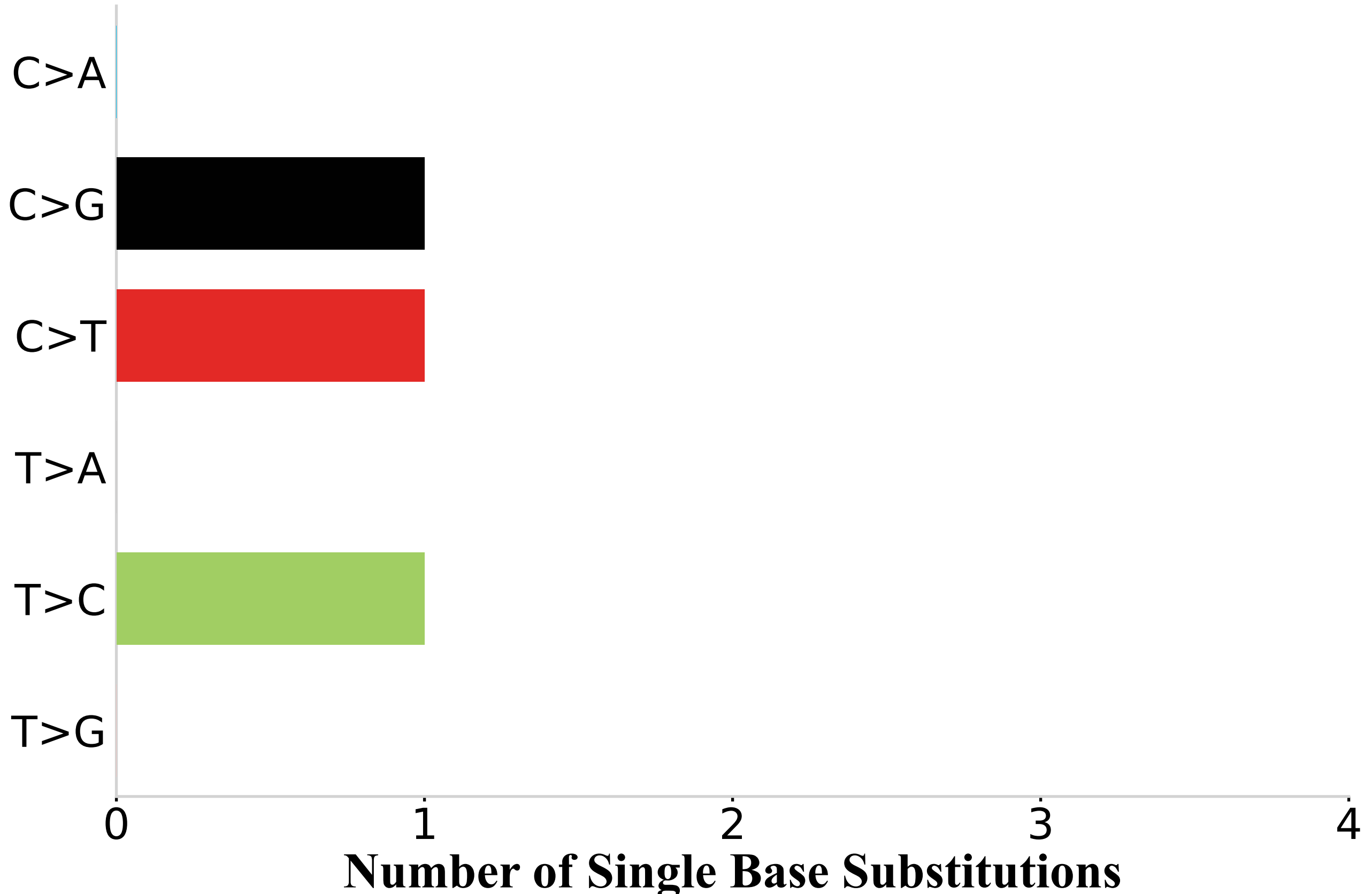
P-0001566-T01-IM3: 1 subs



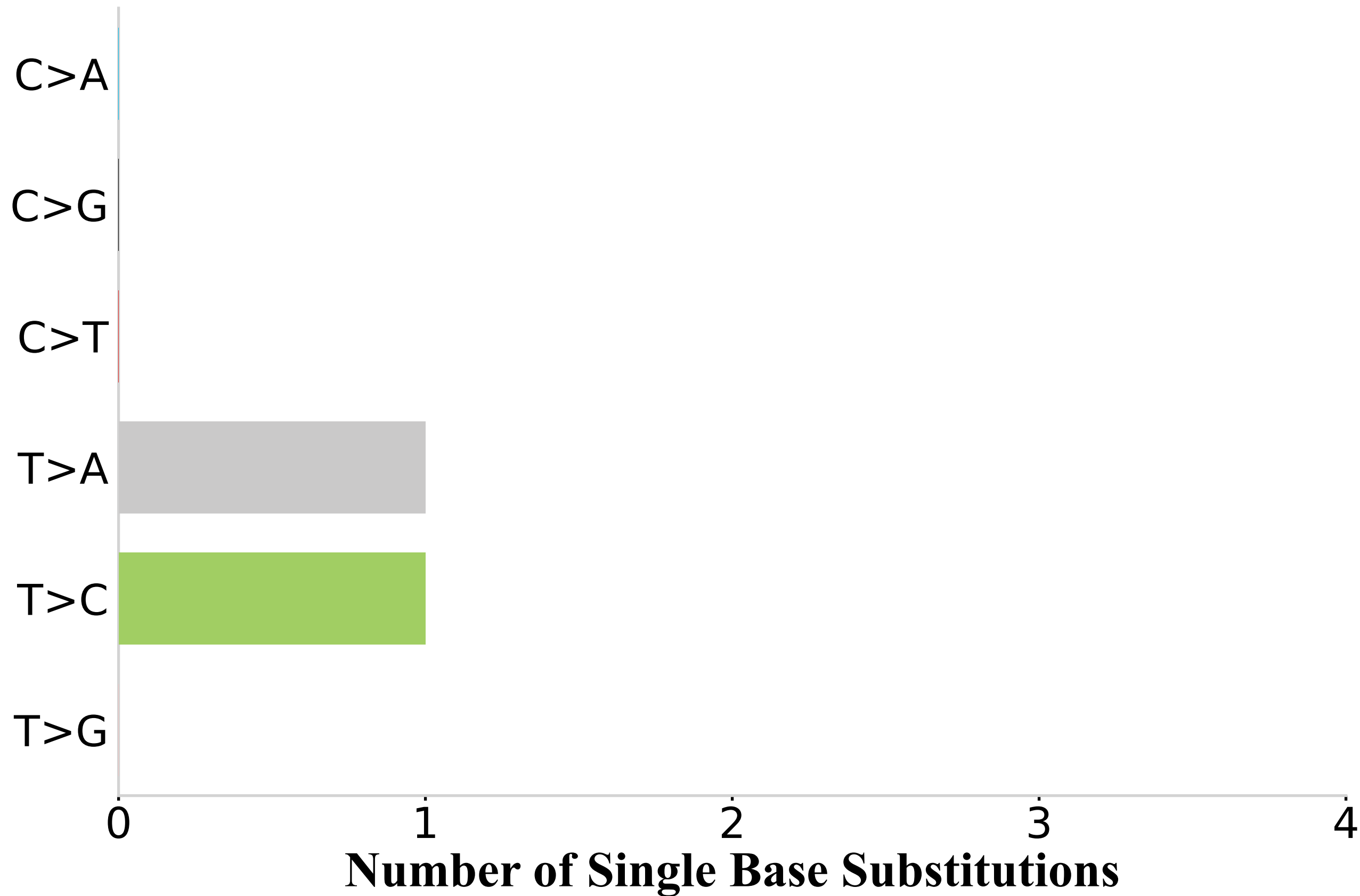
P-0001631-T02-IM5: 3 subs



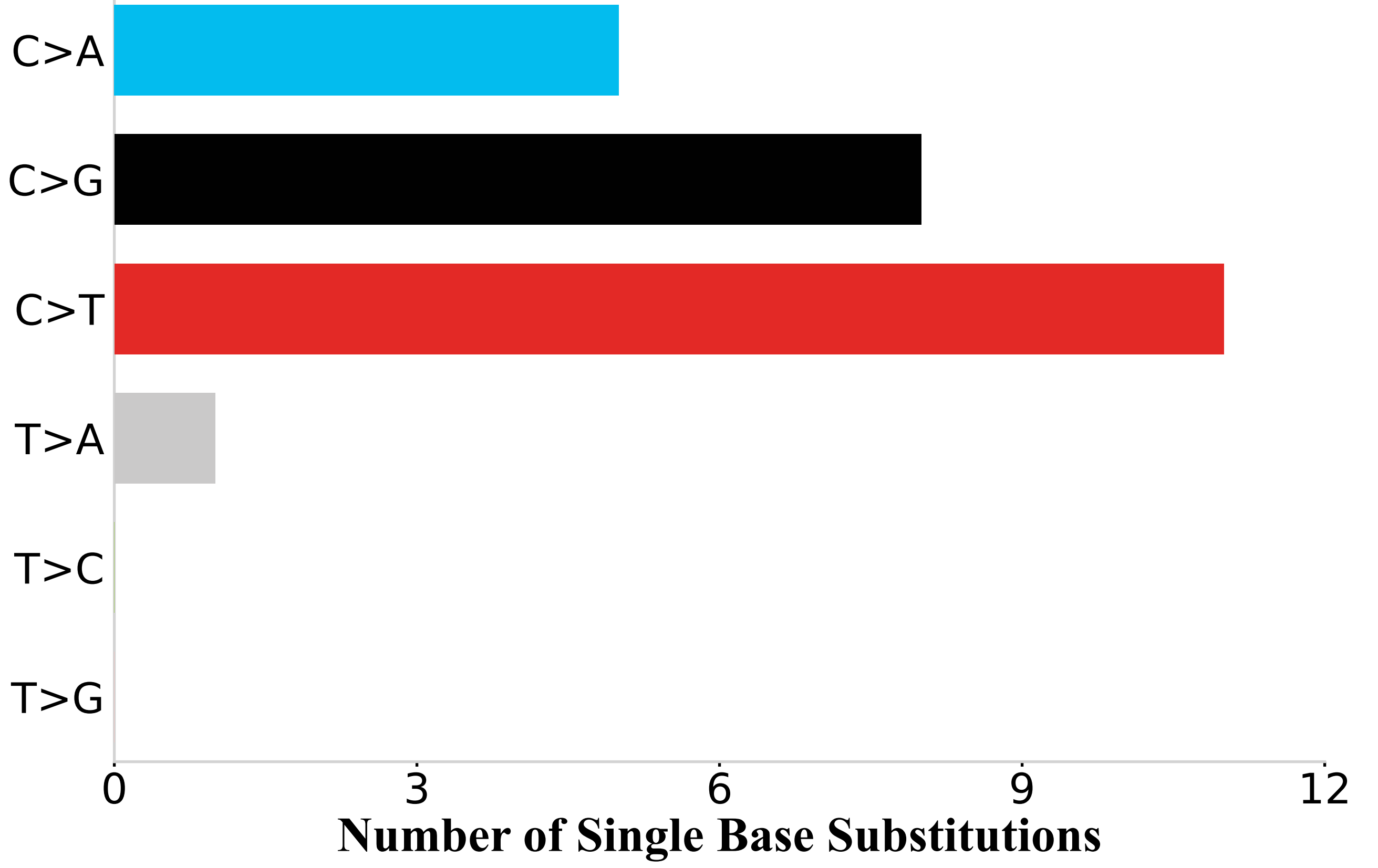
P-0001632-T01-IM3: 3 subs



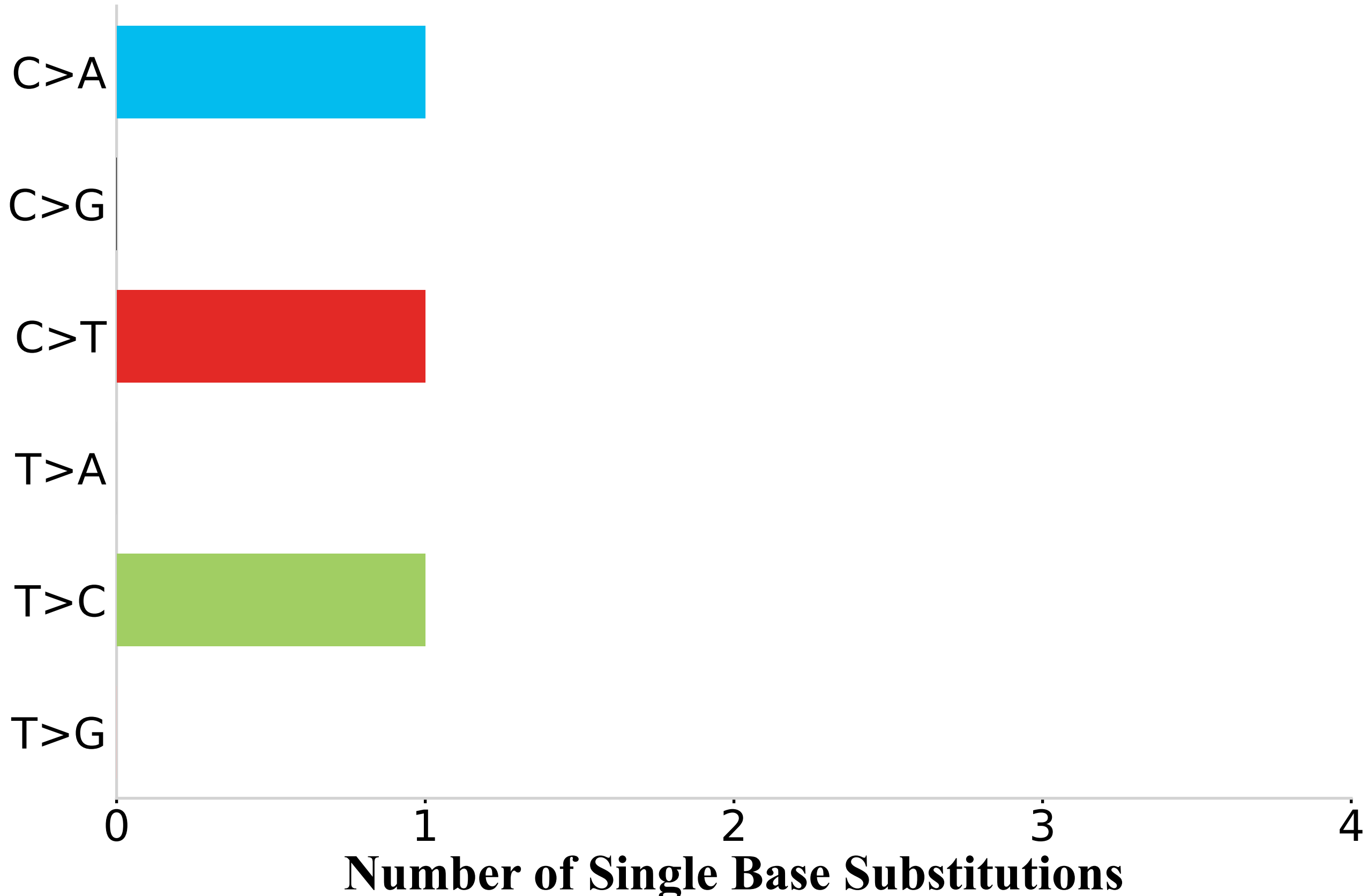
P-0001721-T01-IM3: 2 subs



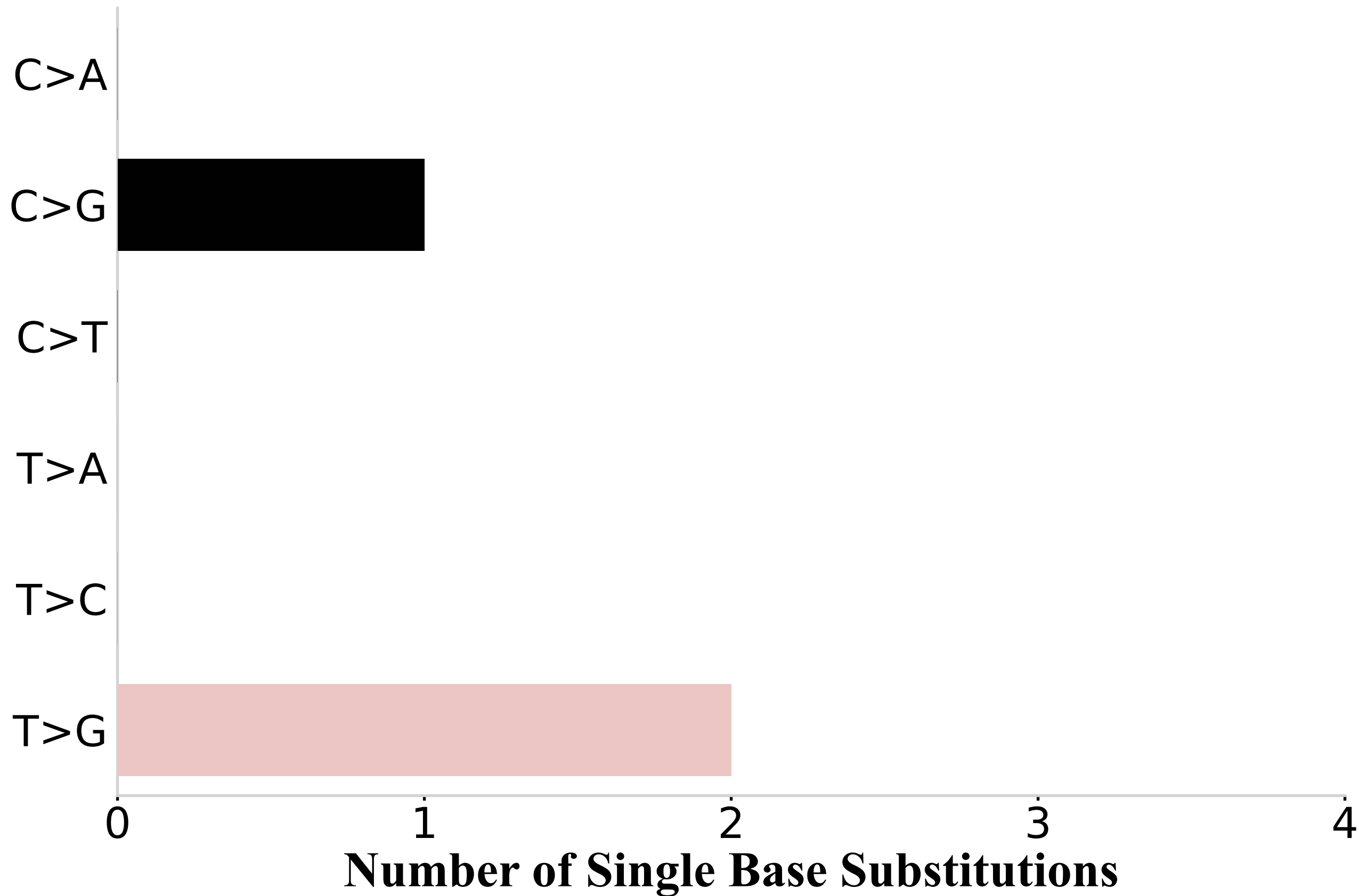
P-0001902-T01-IM3: 25 subs



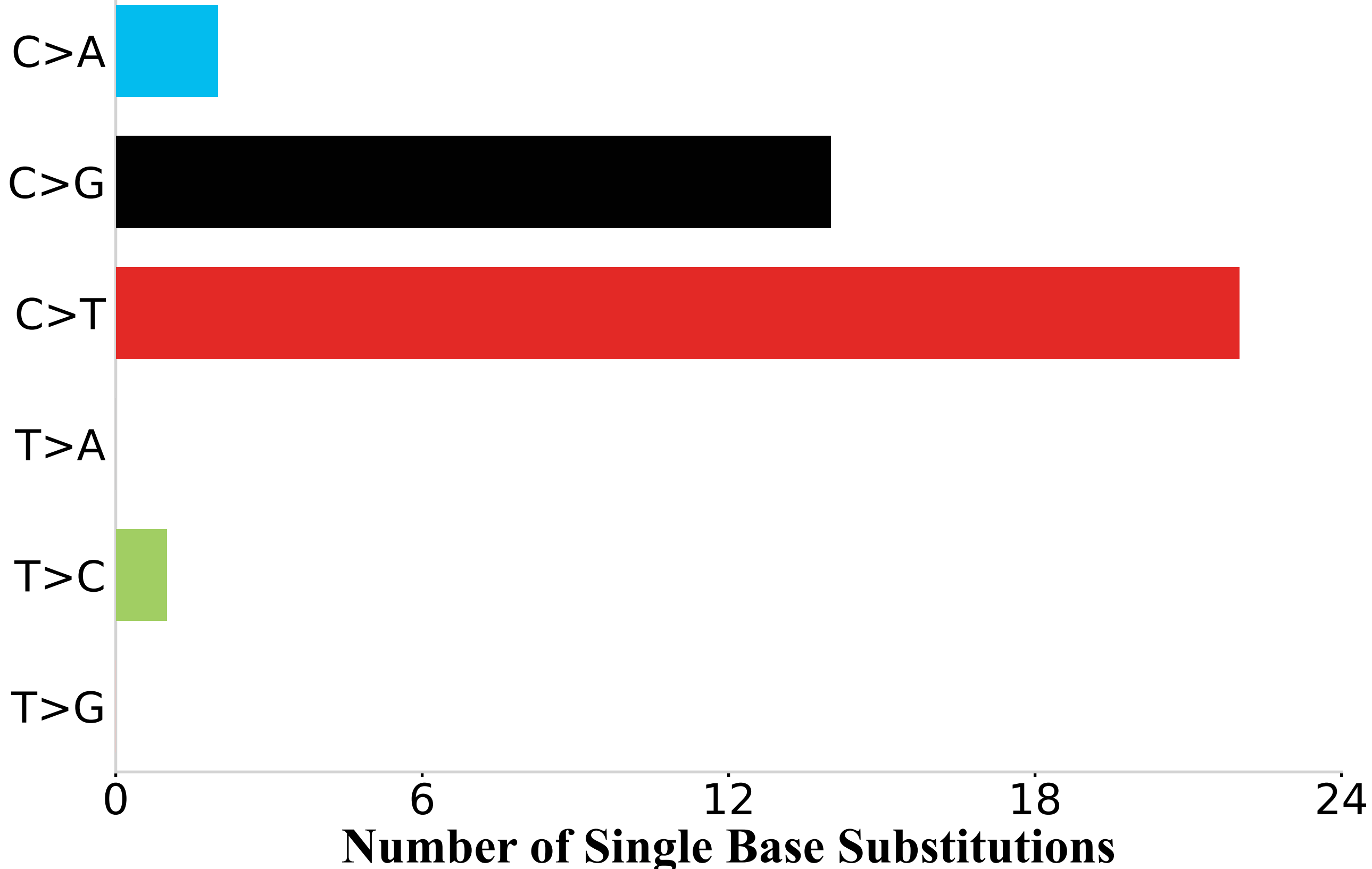
P-0001957-T01-IM3: 3 subs



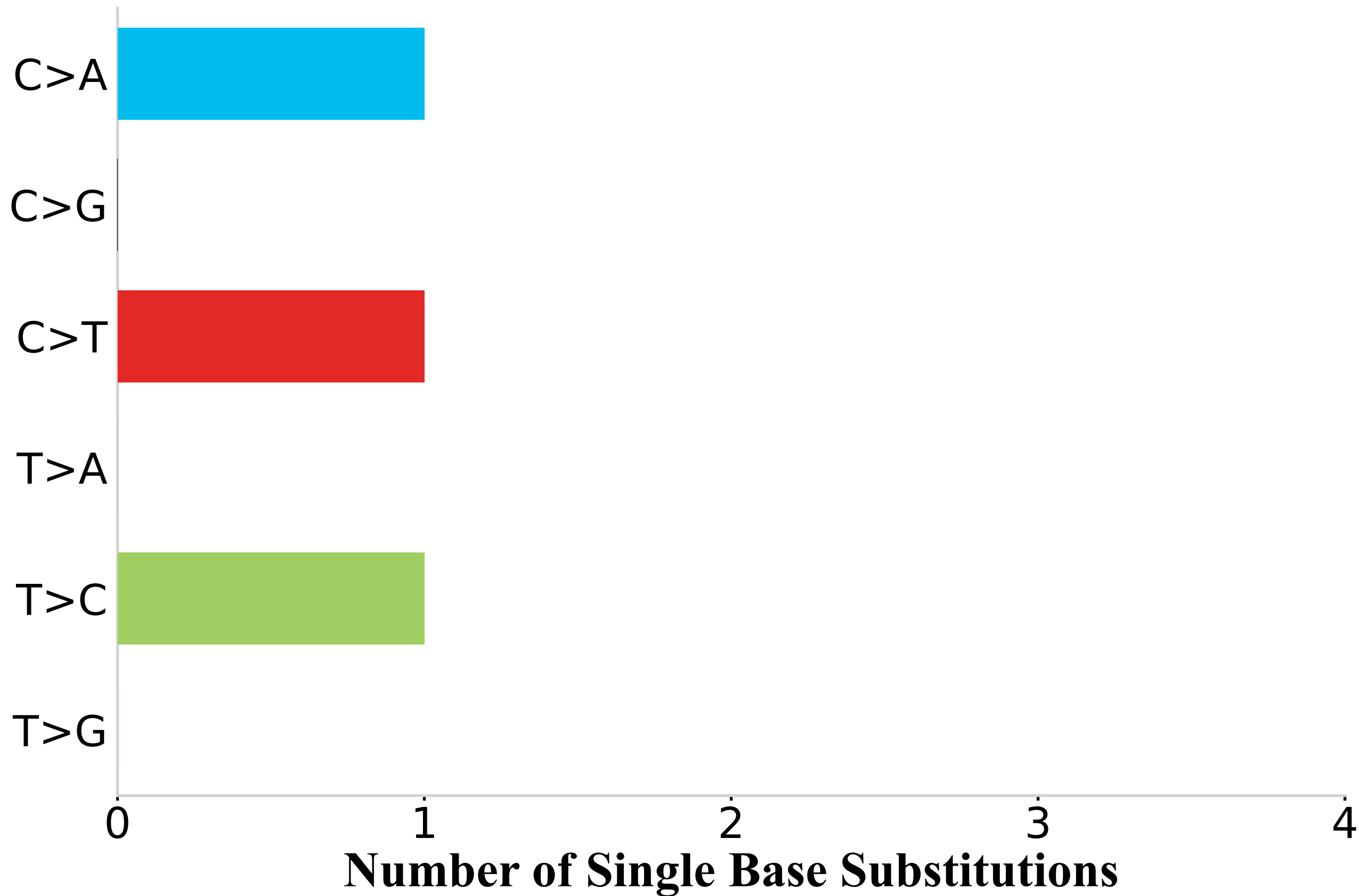
P-0001967-T01-IM3: 3 subs



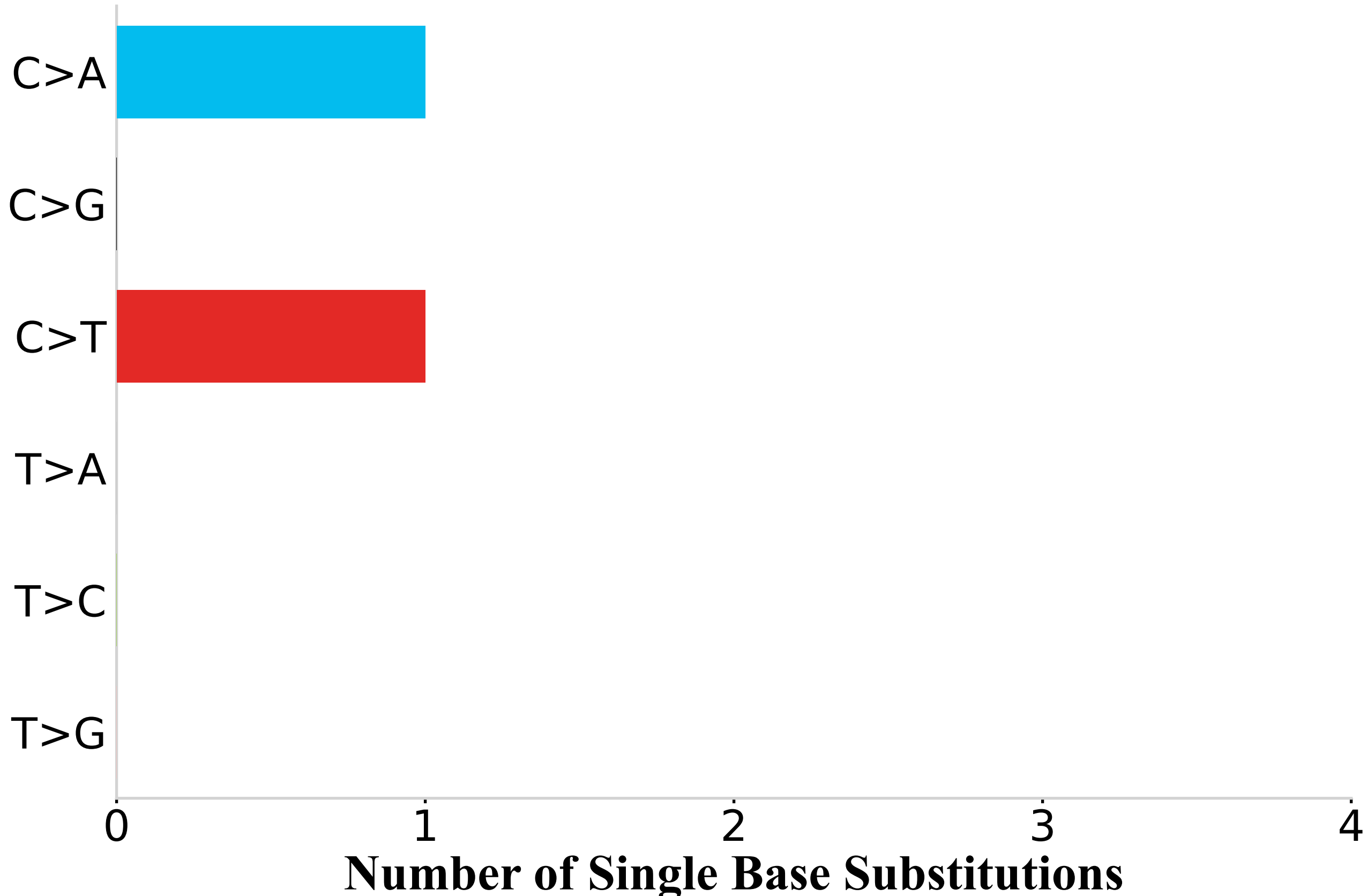
P-0002124-T01-IM3: 39 subs



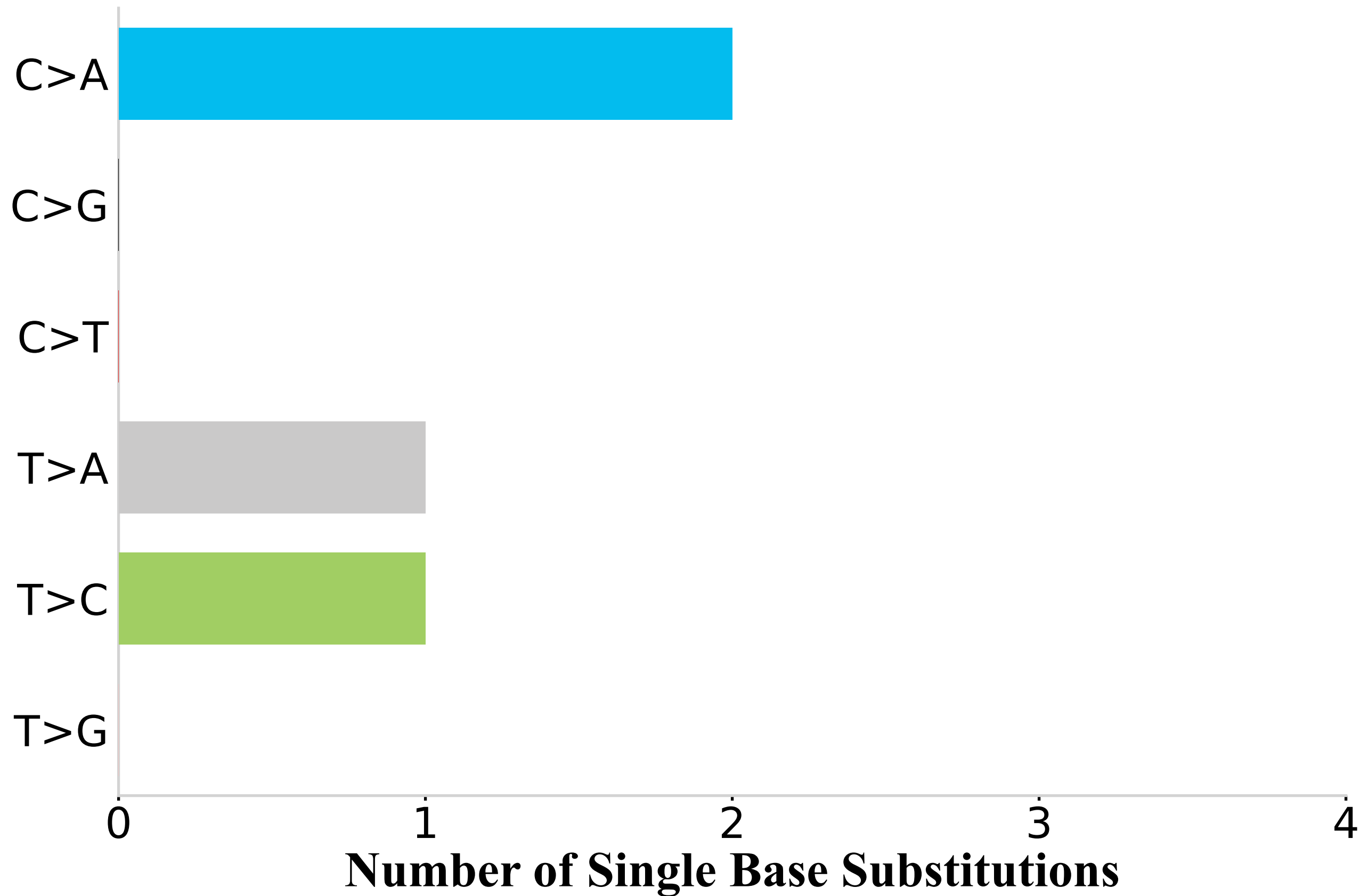
P-0002133-T02-IM6: 3 subs



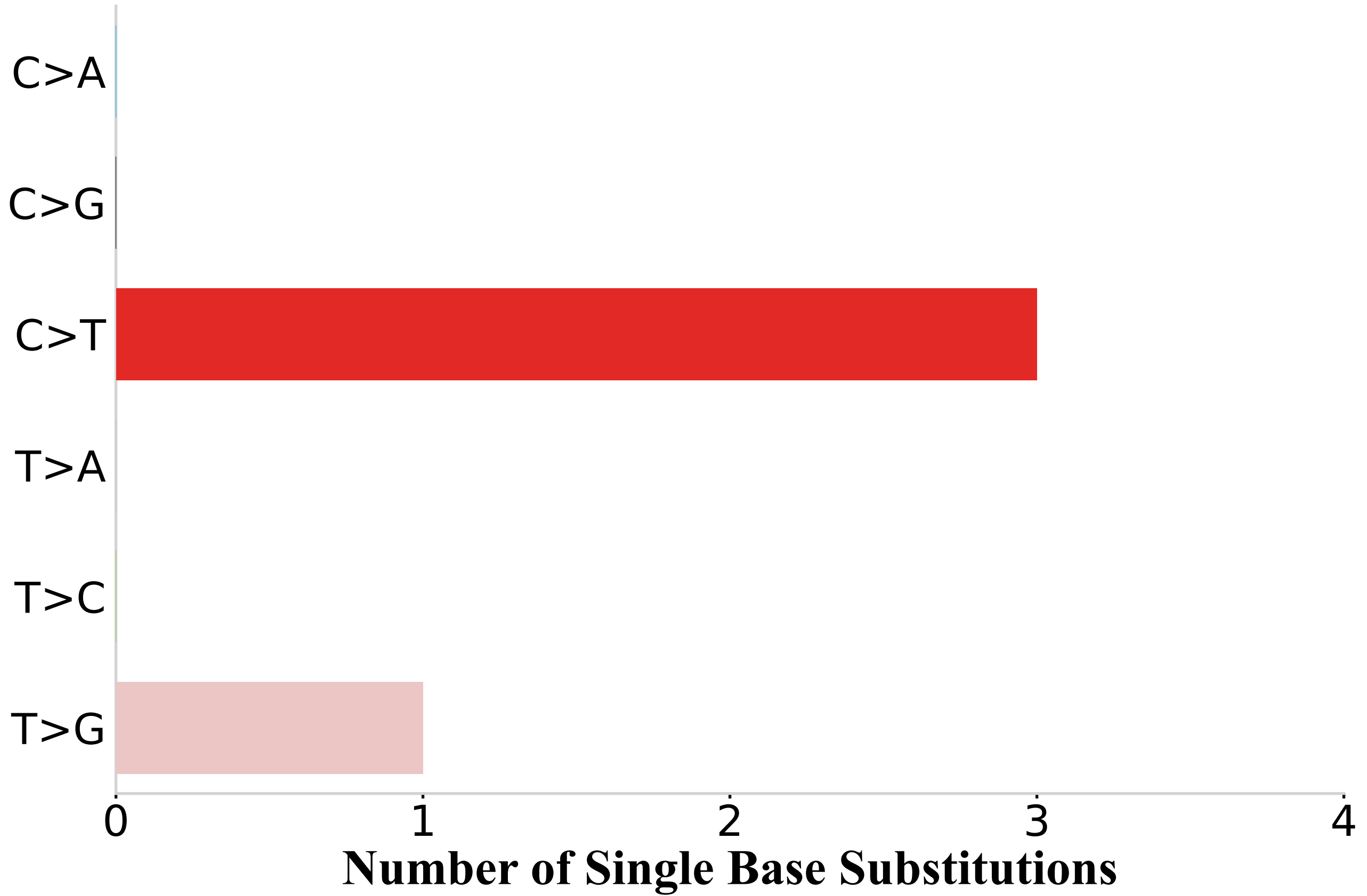
P-0002144-T01-IM3: 2 subs



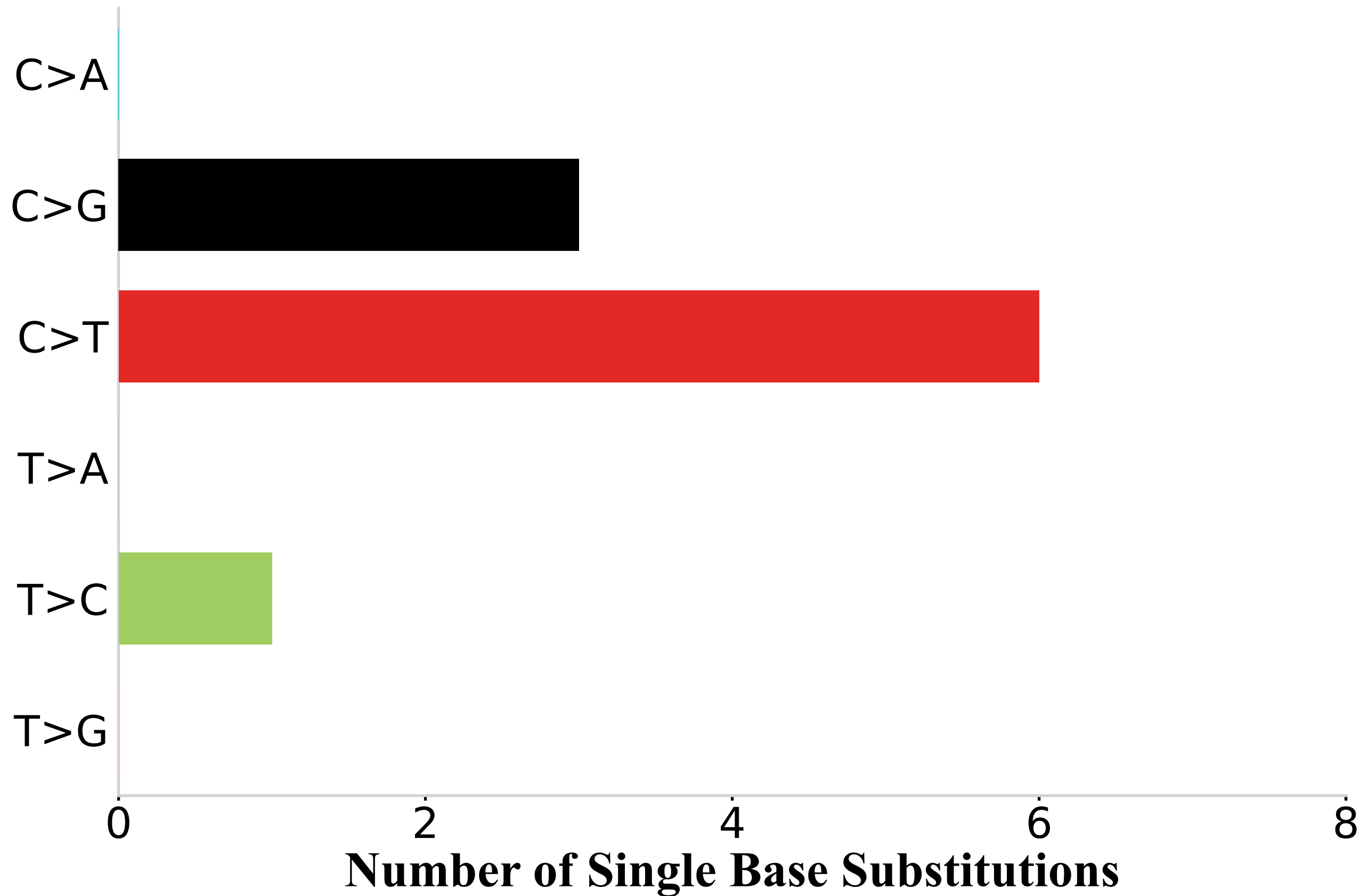
P-0002232-T01-IM3: 4 subs



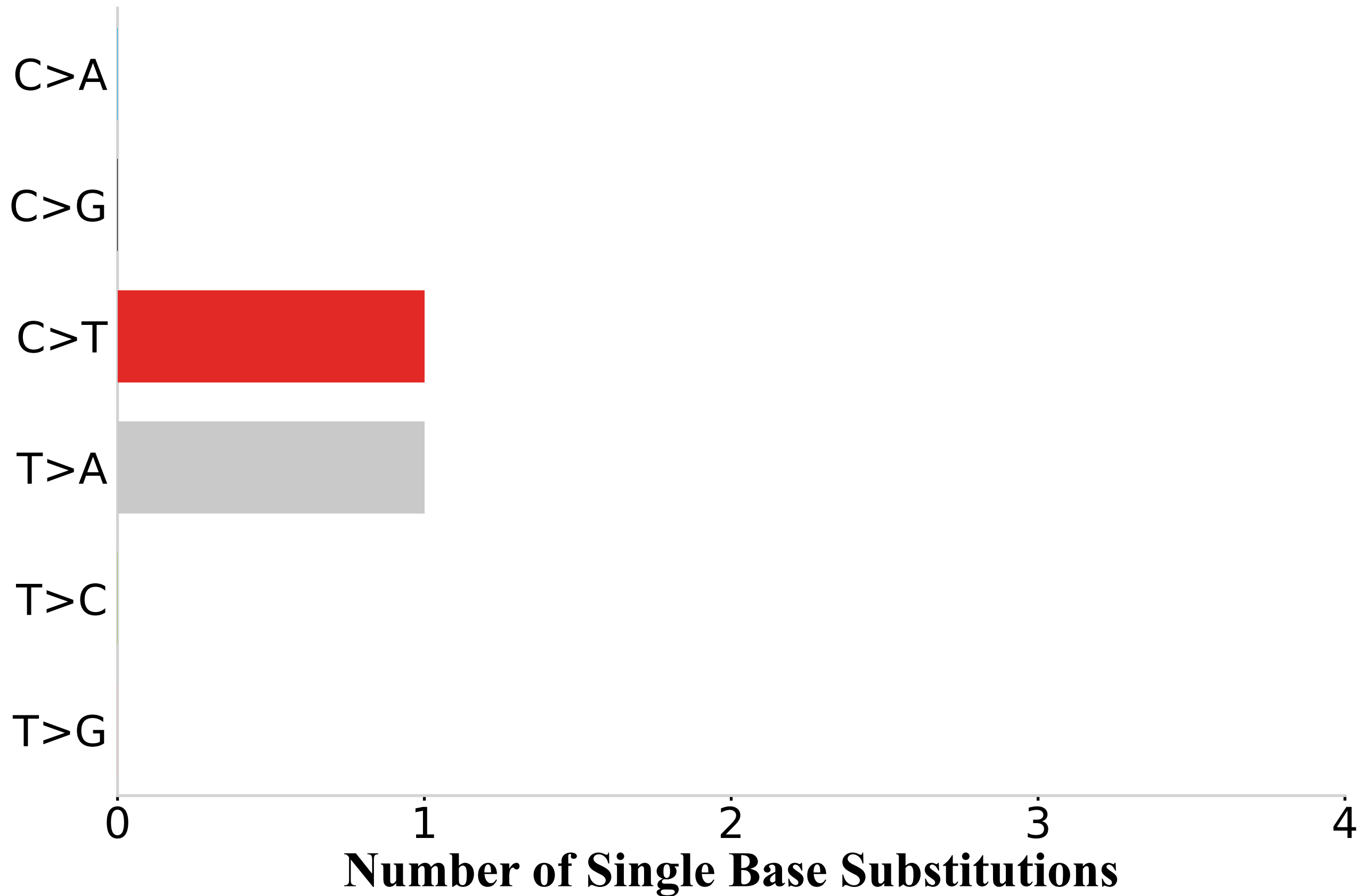
P-0002281-T03-IM6: 4 subs



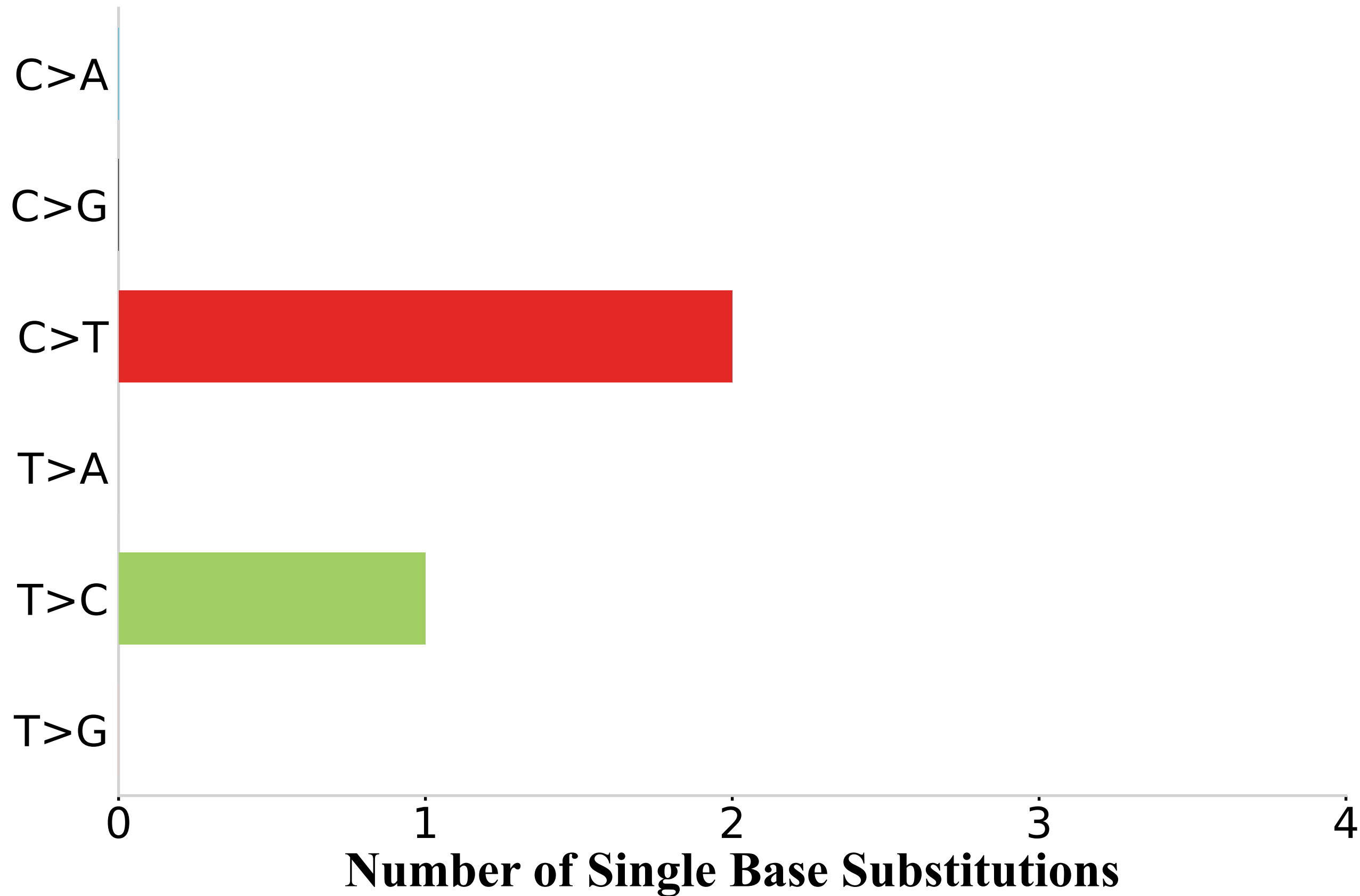
P-0002366-T01-IM3: 10 subs



P-0002445-T01-IM3: 2 subs



P-0002591-T01-IM3: 3 subs



P-0002630-T01-IM3: 4 subs

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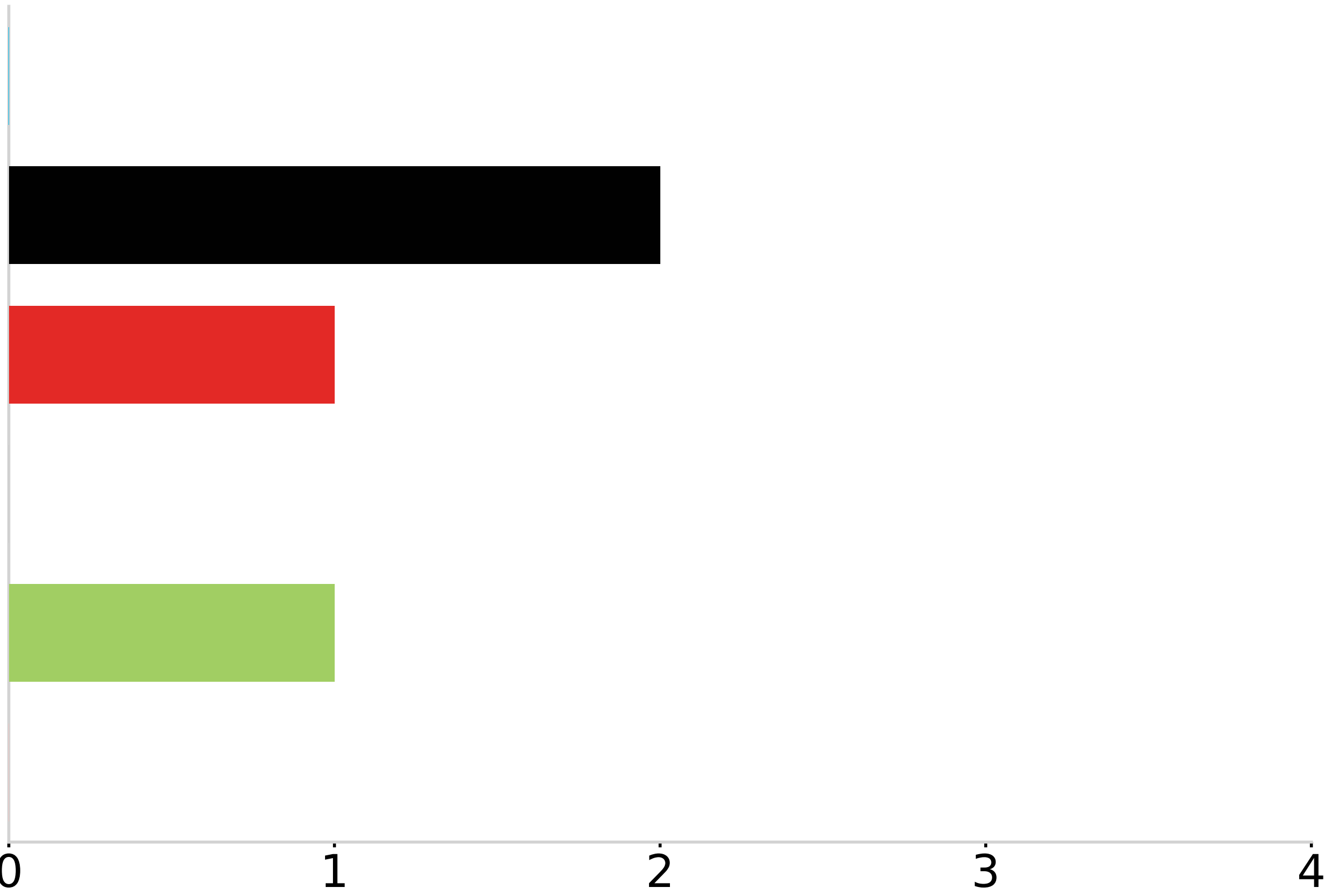
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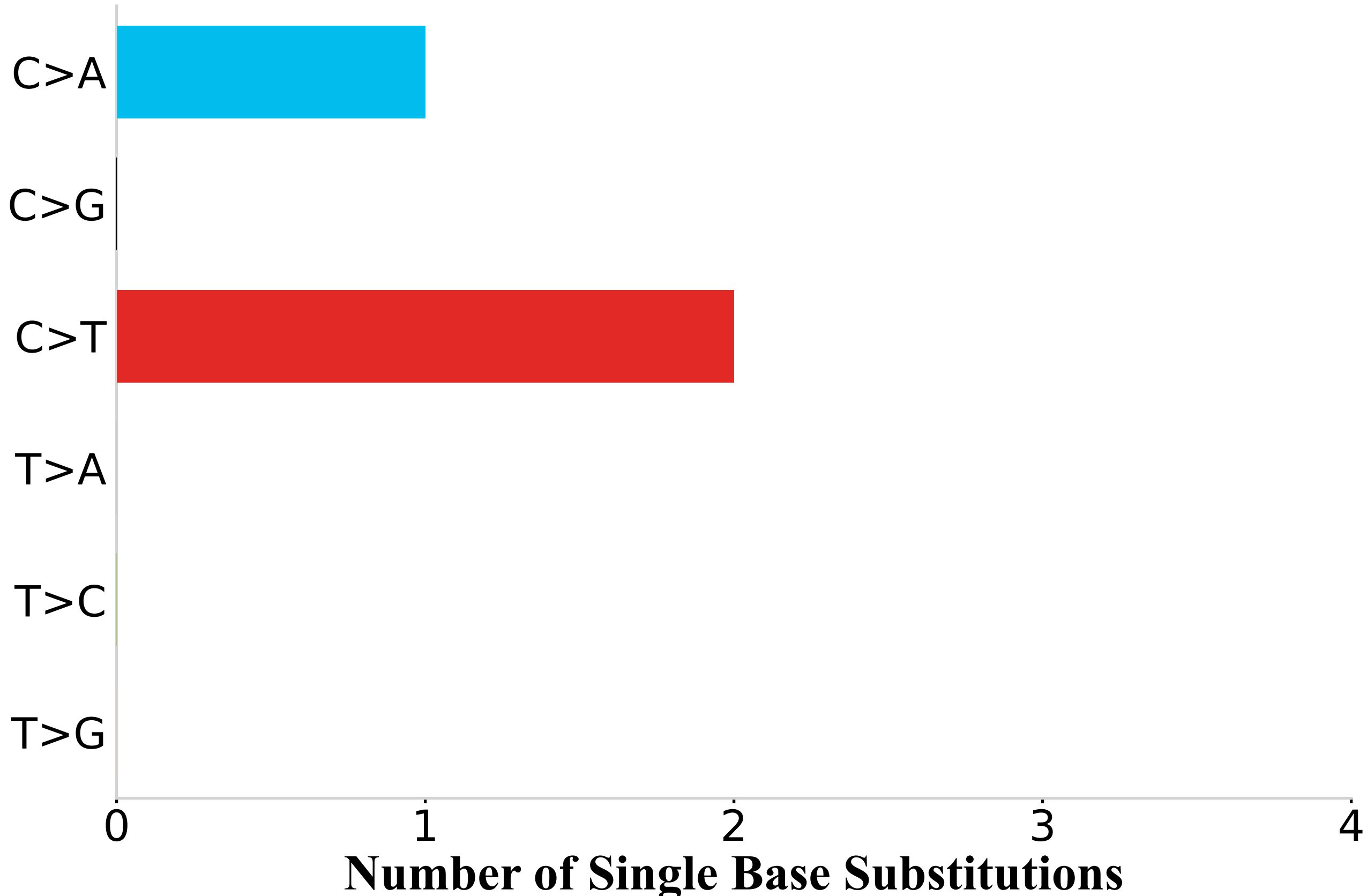
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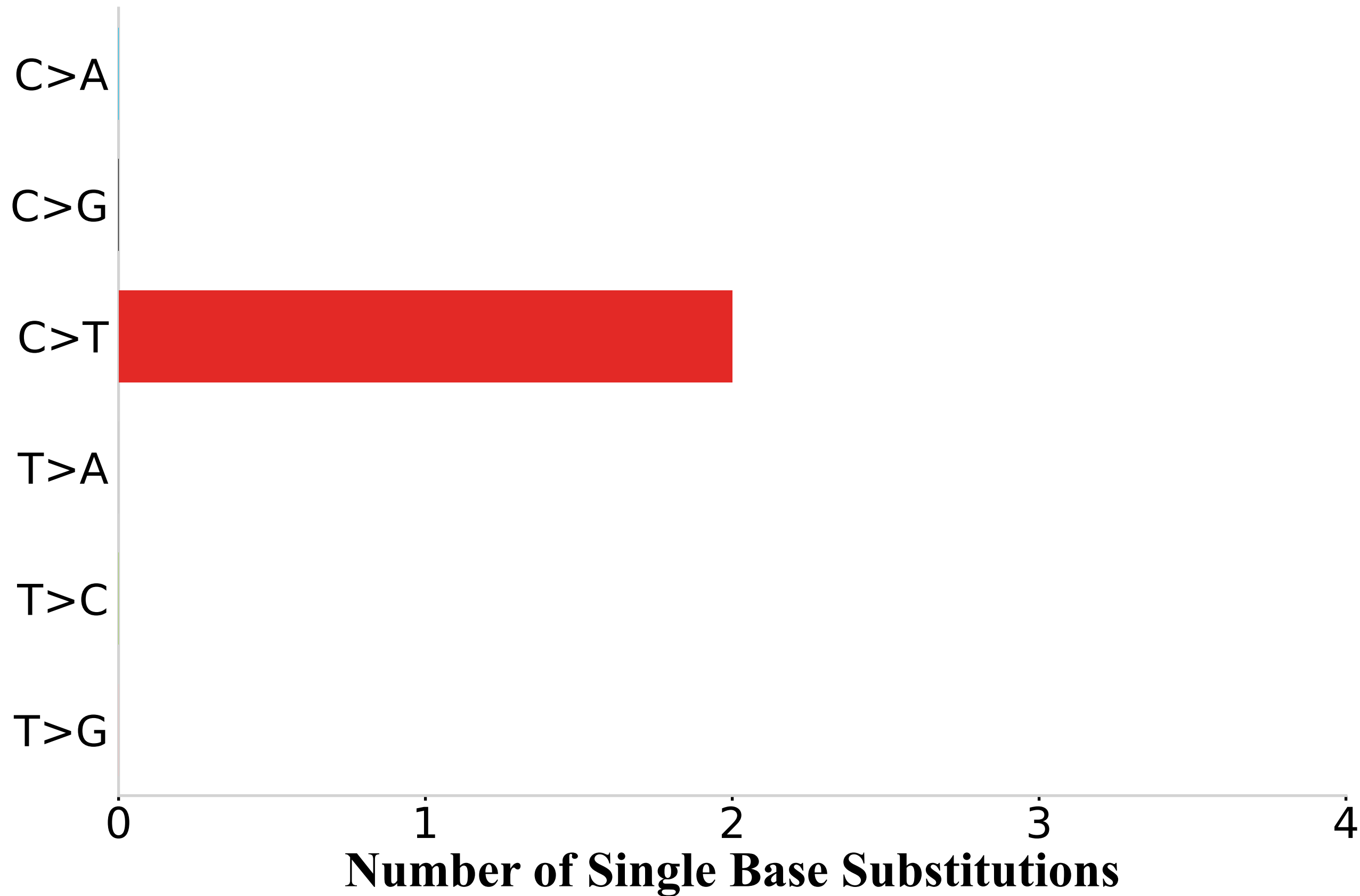
Number of Single Base Substitutions



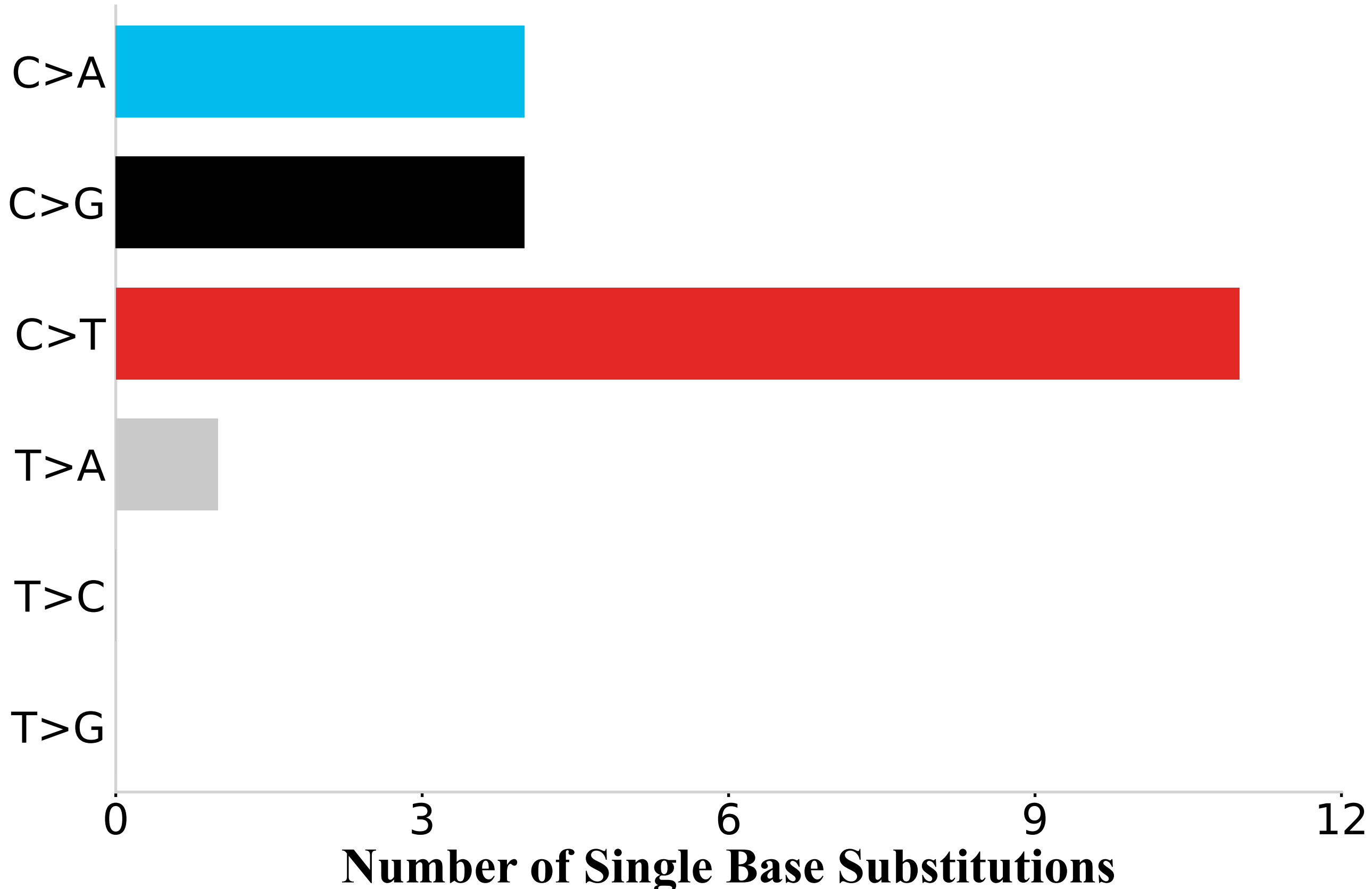
P-0002649-T01-IM3: 3 subs



P-0002657-T01-IM3: 2 subs



P-0002682-T01-IM3: 20 subs



P-0002700-T01-IM3: 5 subs

C>A

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C>T

T>A

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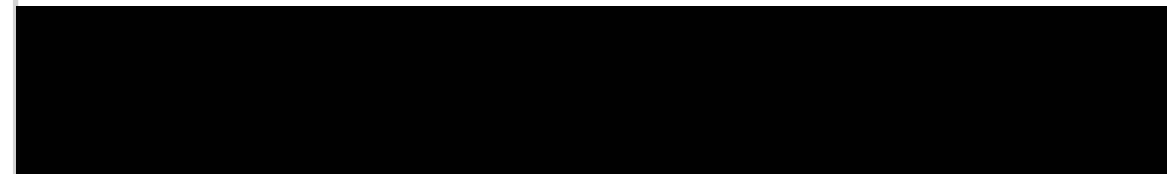
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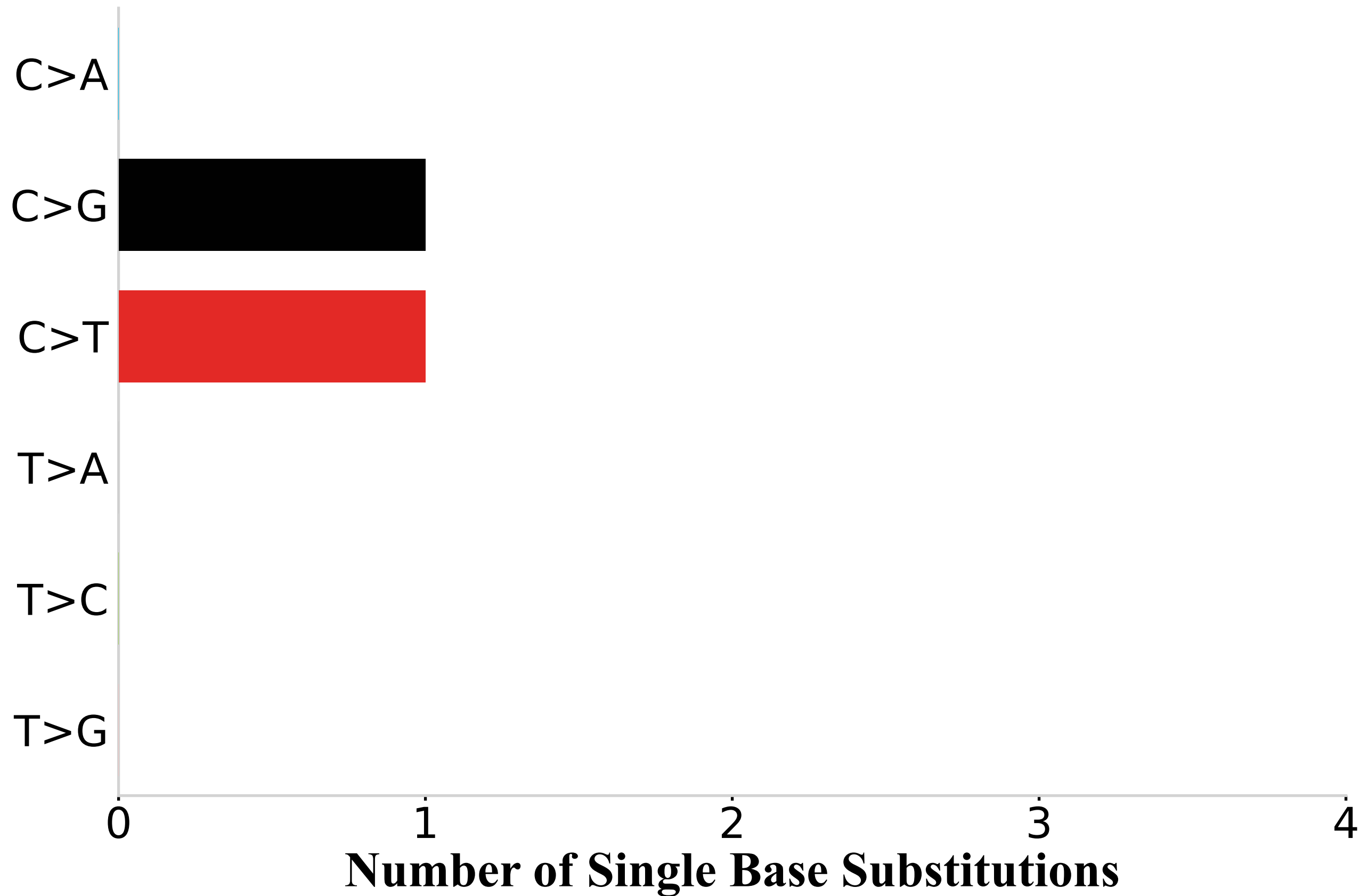
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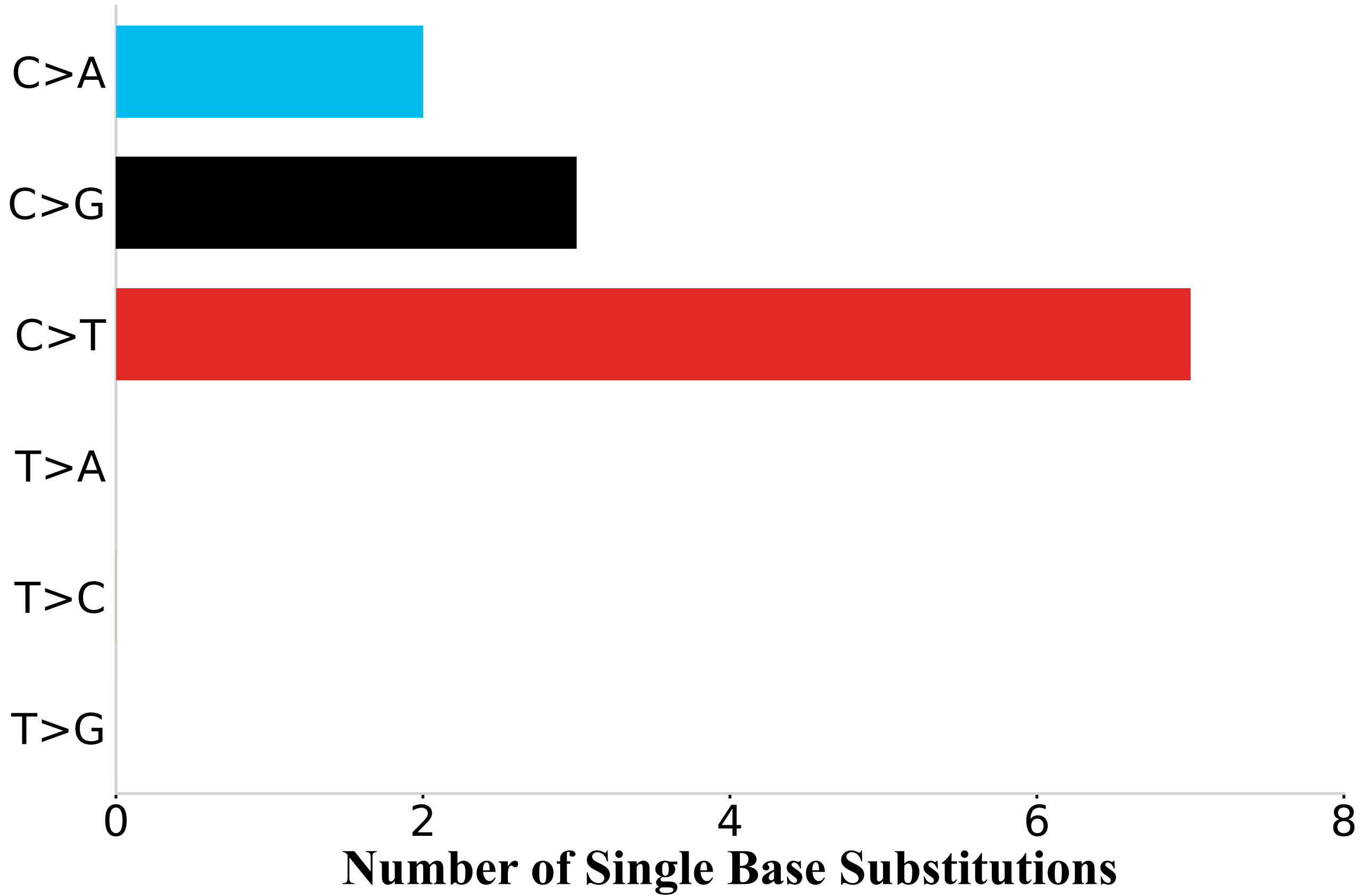
Number of Single Base Substitutions



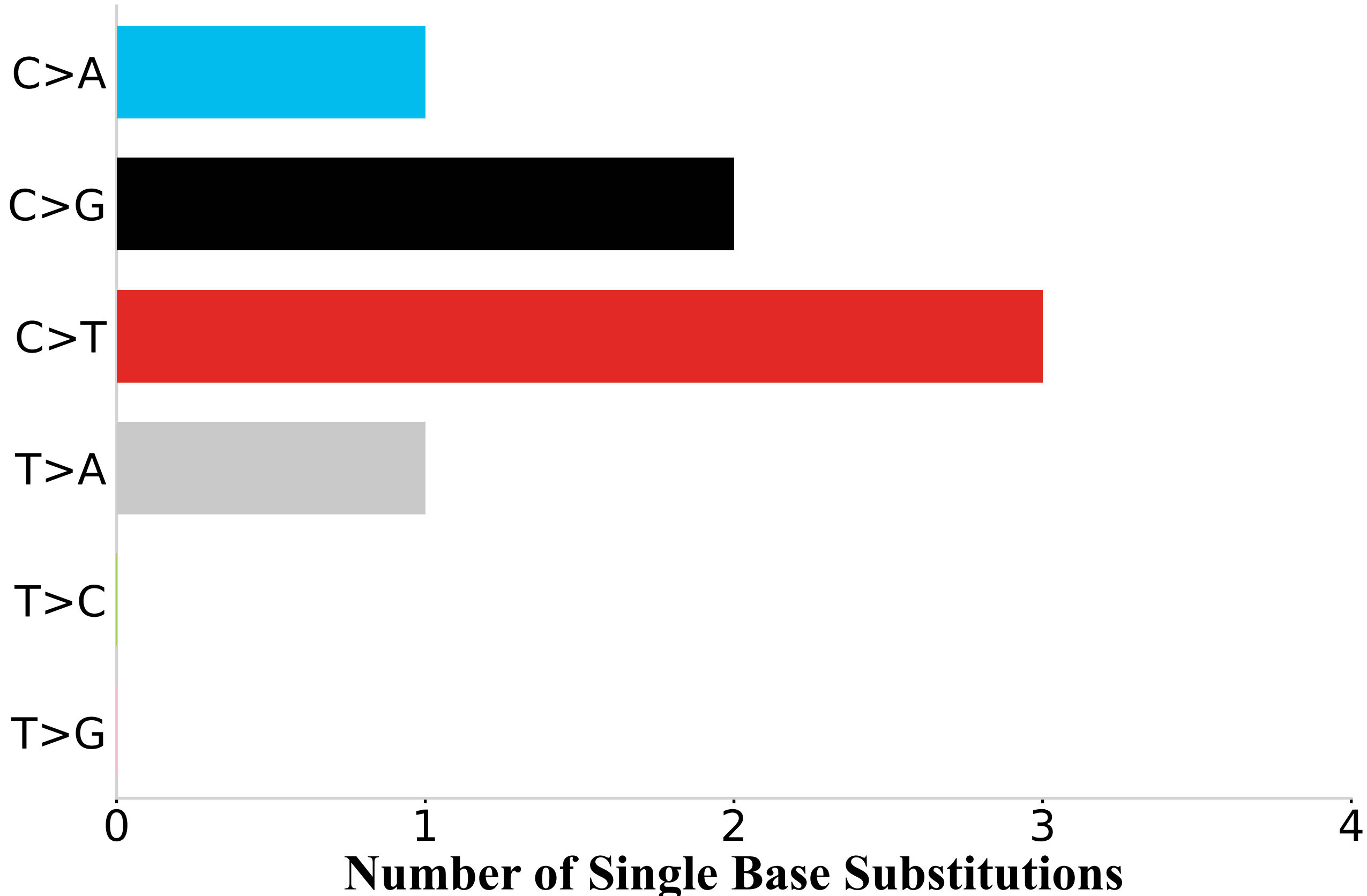
P-0002813-T01-IM3: 2 subs



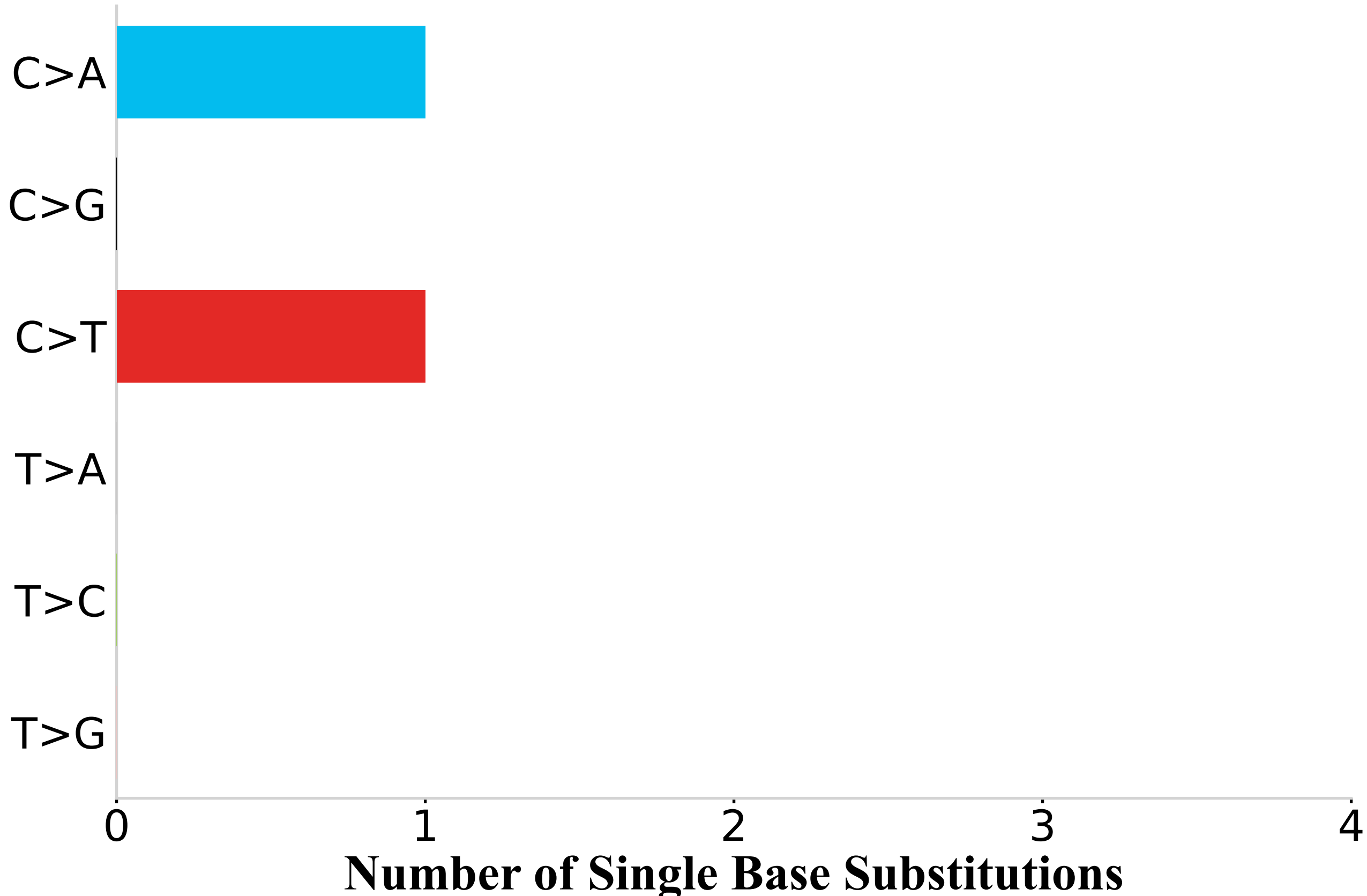
P-0002911-T01-IM3: 12 subs



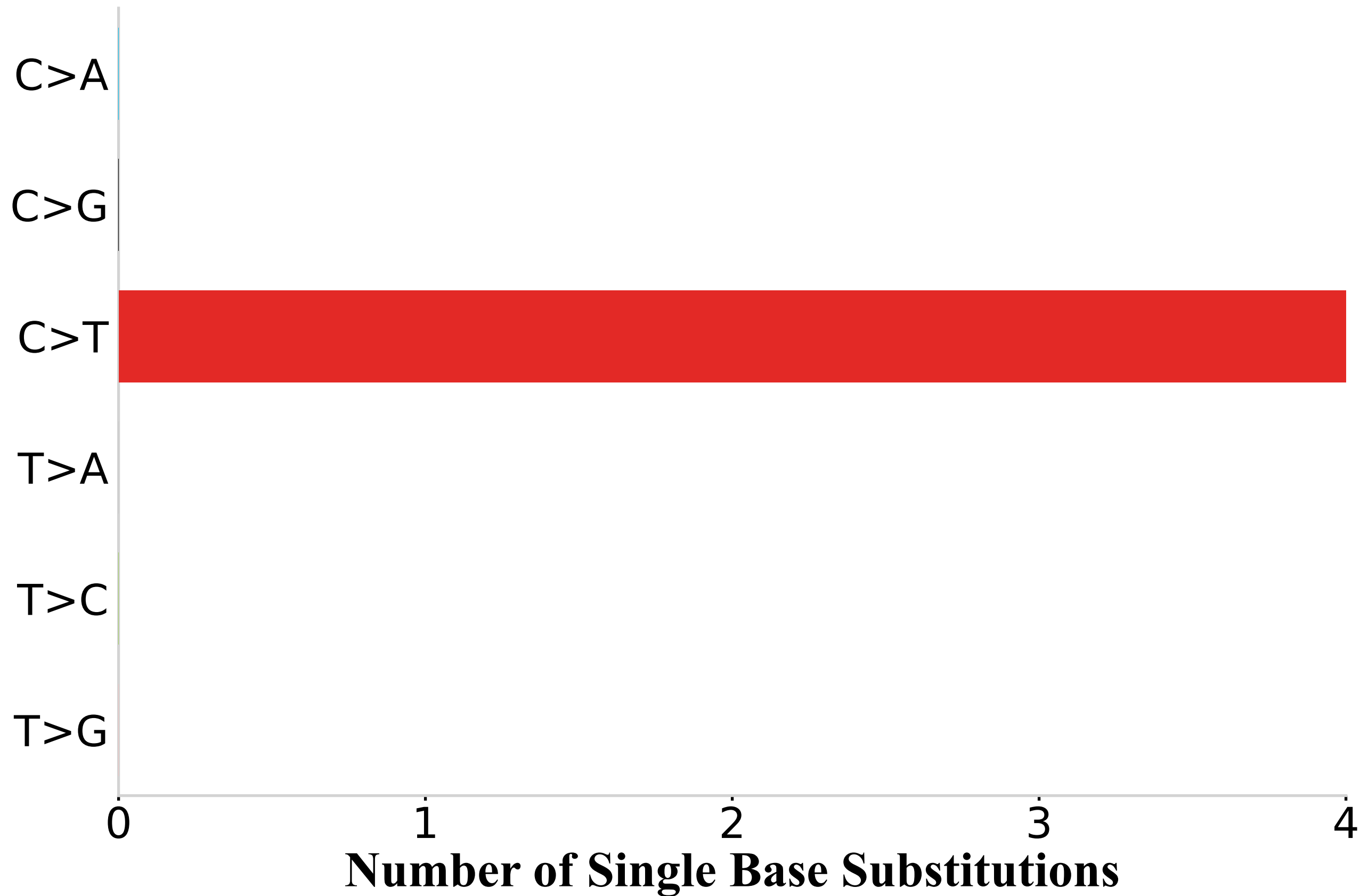
P-0003108-T01-IM5: 7 subs



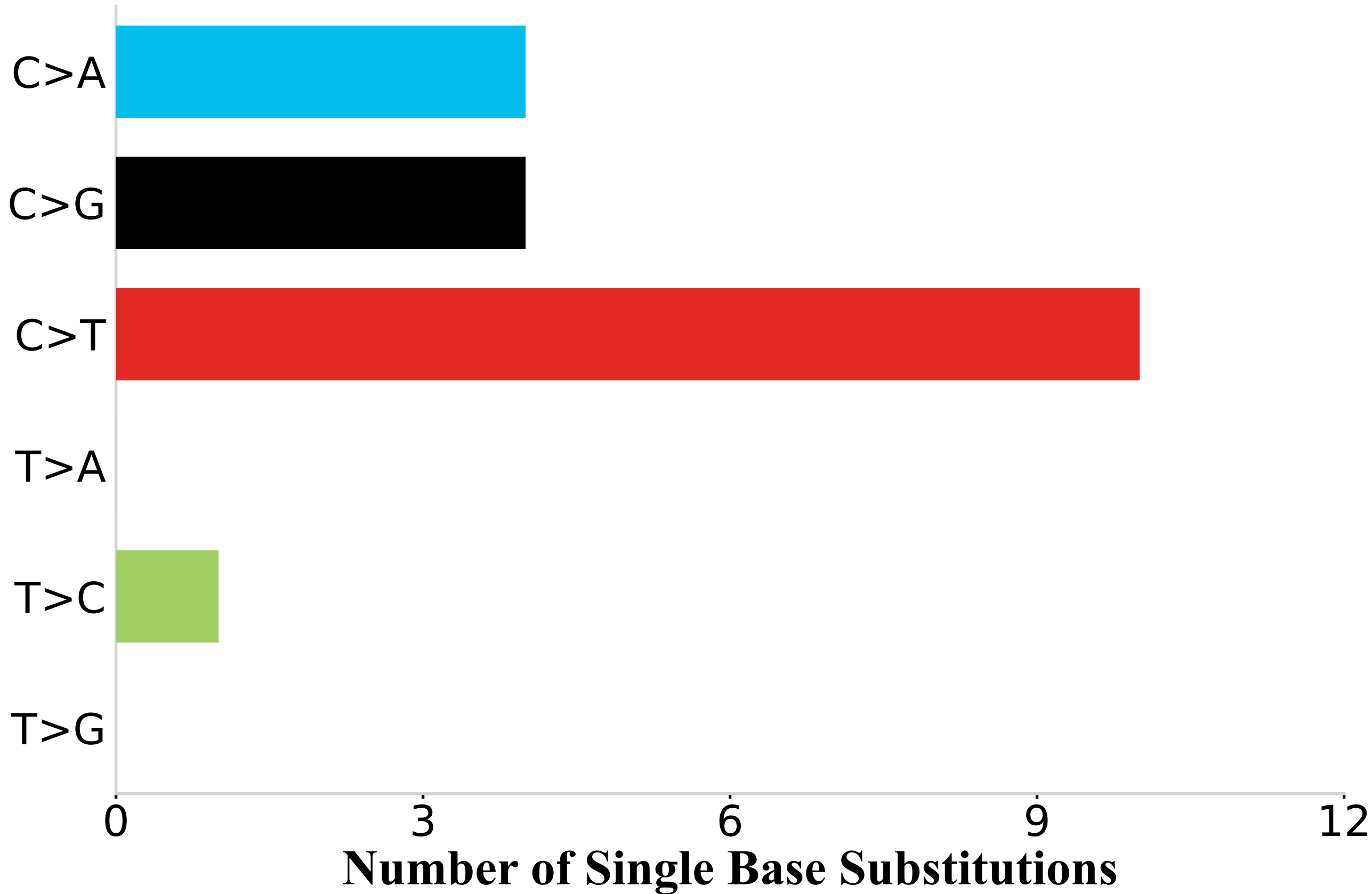
P-0003192-T01-IM5: 2 subs



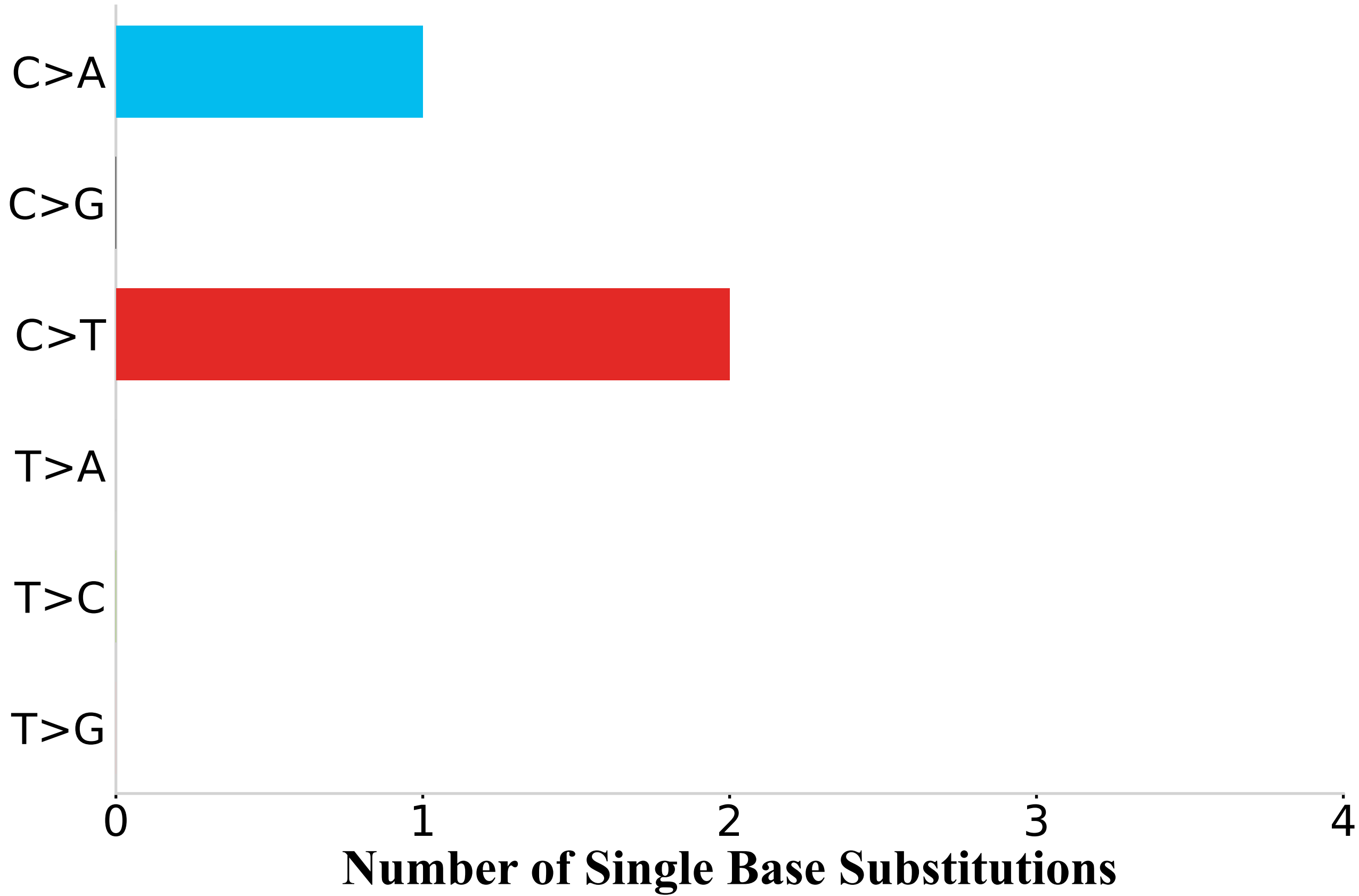
P-0003223-T03-IM6: 4 subs



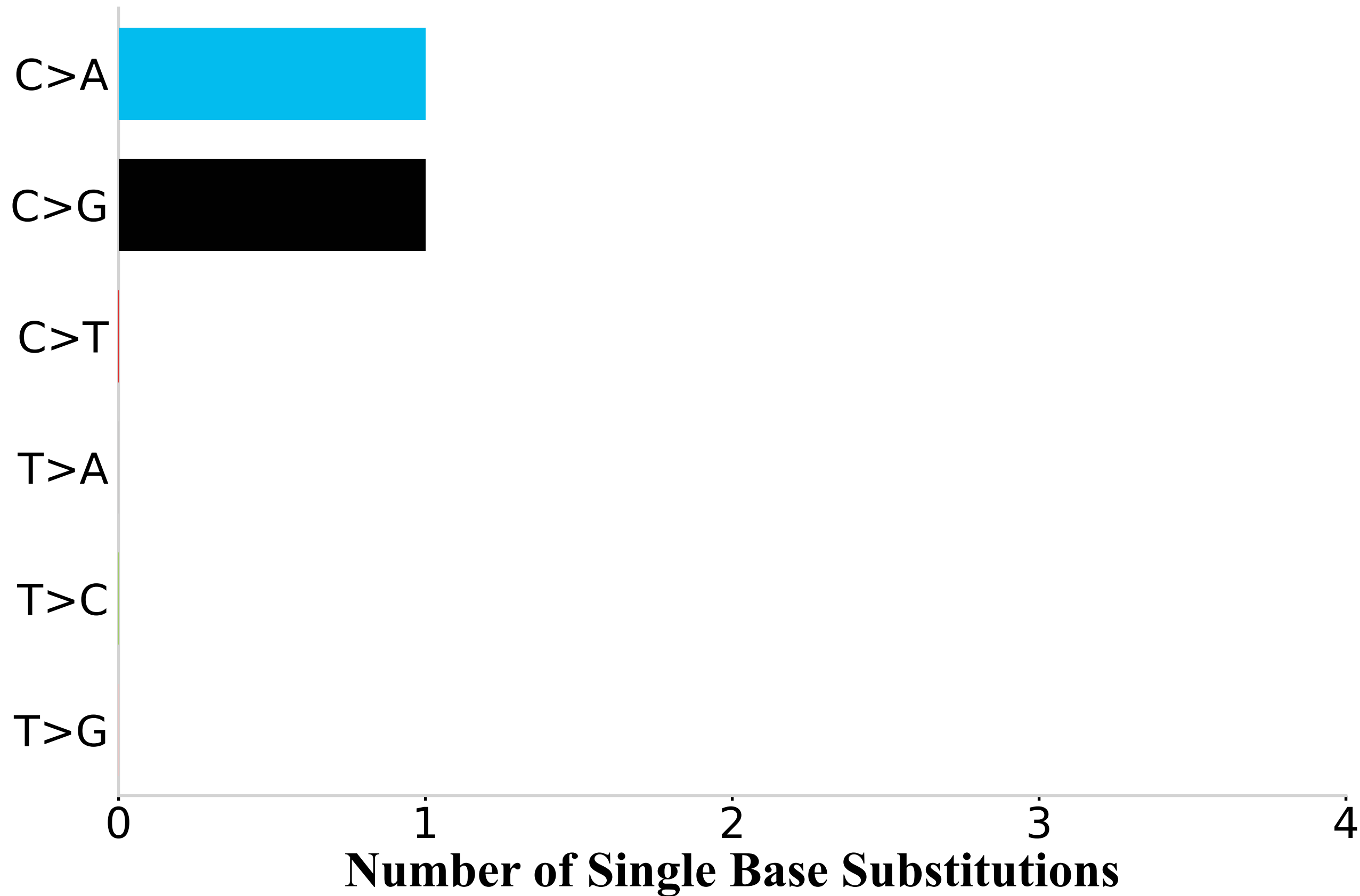
P-0003233-T05-IM6: 19 subs



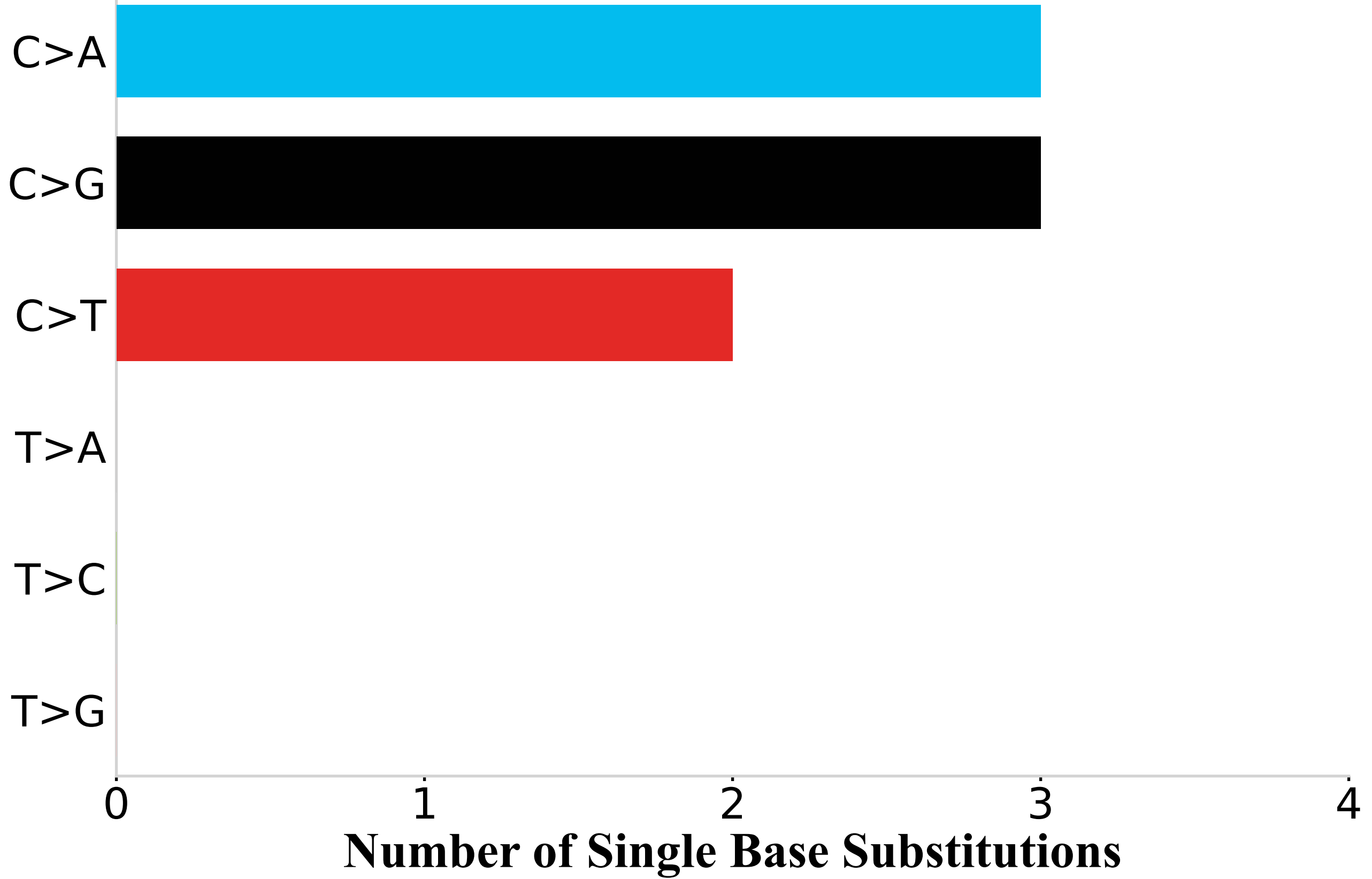
P-0003351-T01-IM5: 3 subs



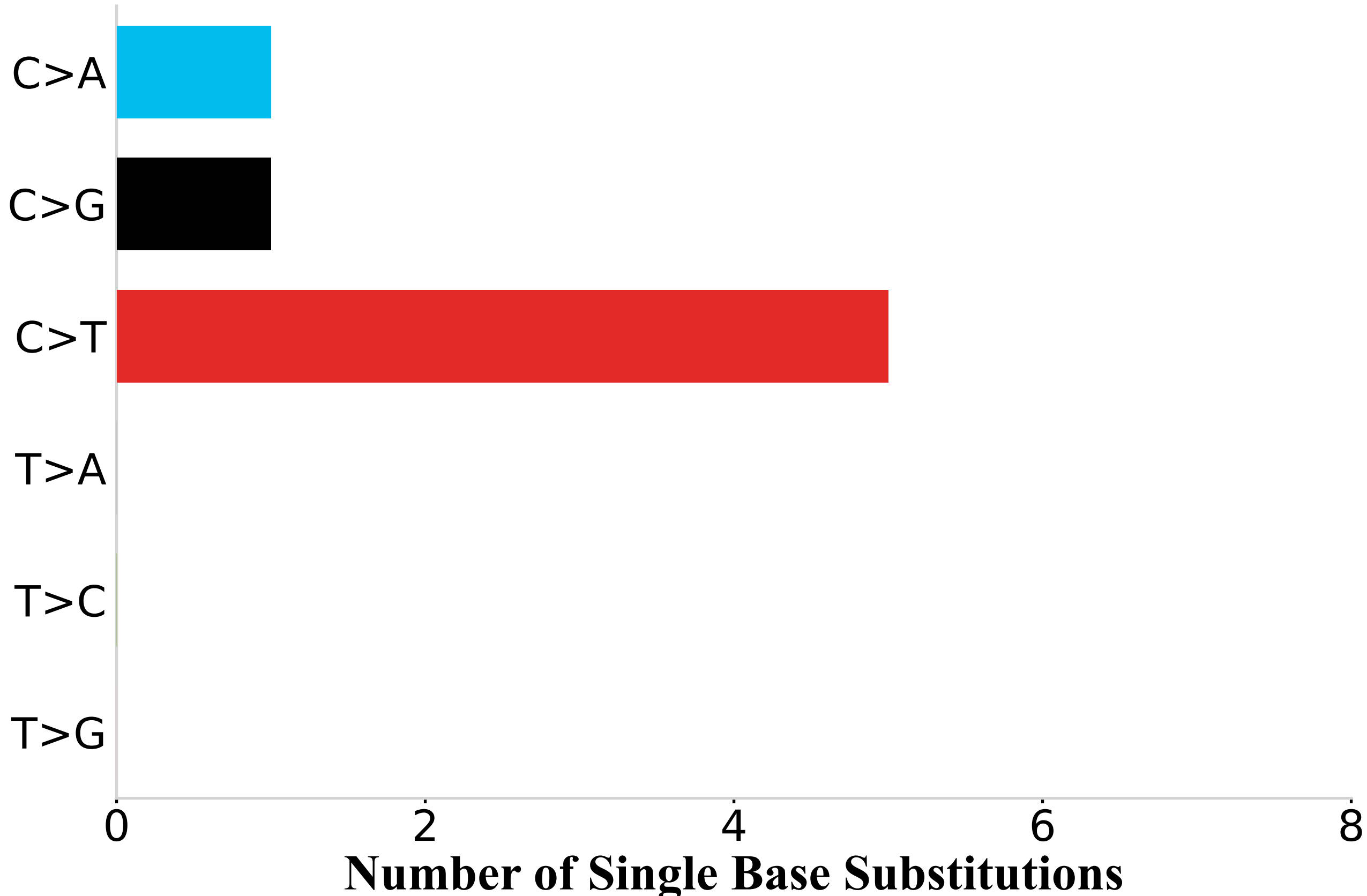
P-0003394-T01-IM5: 2 subs



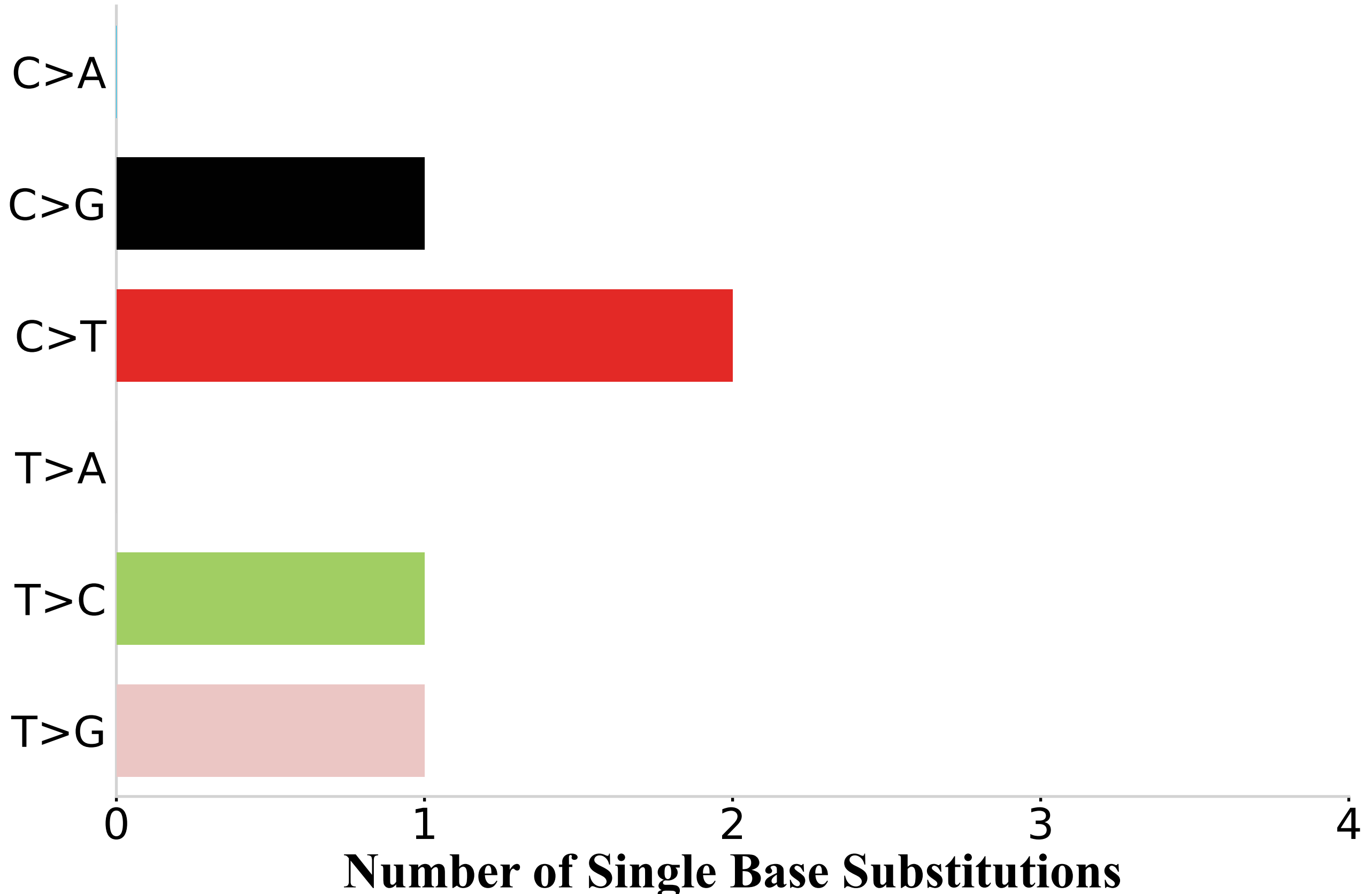
P-0003603-T01-IM5: 8 subs



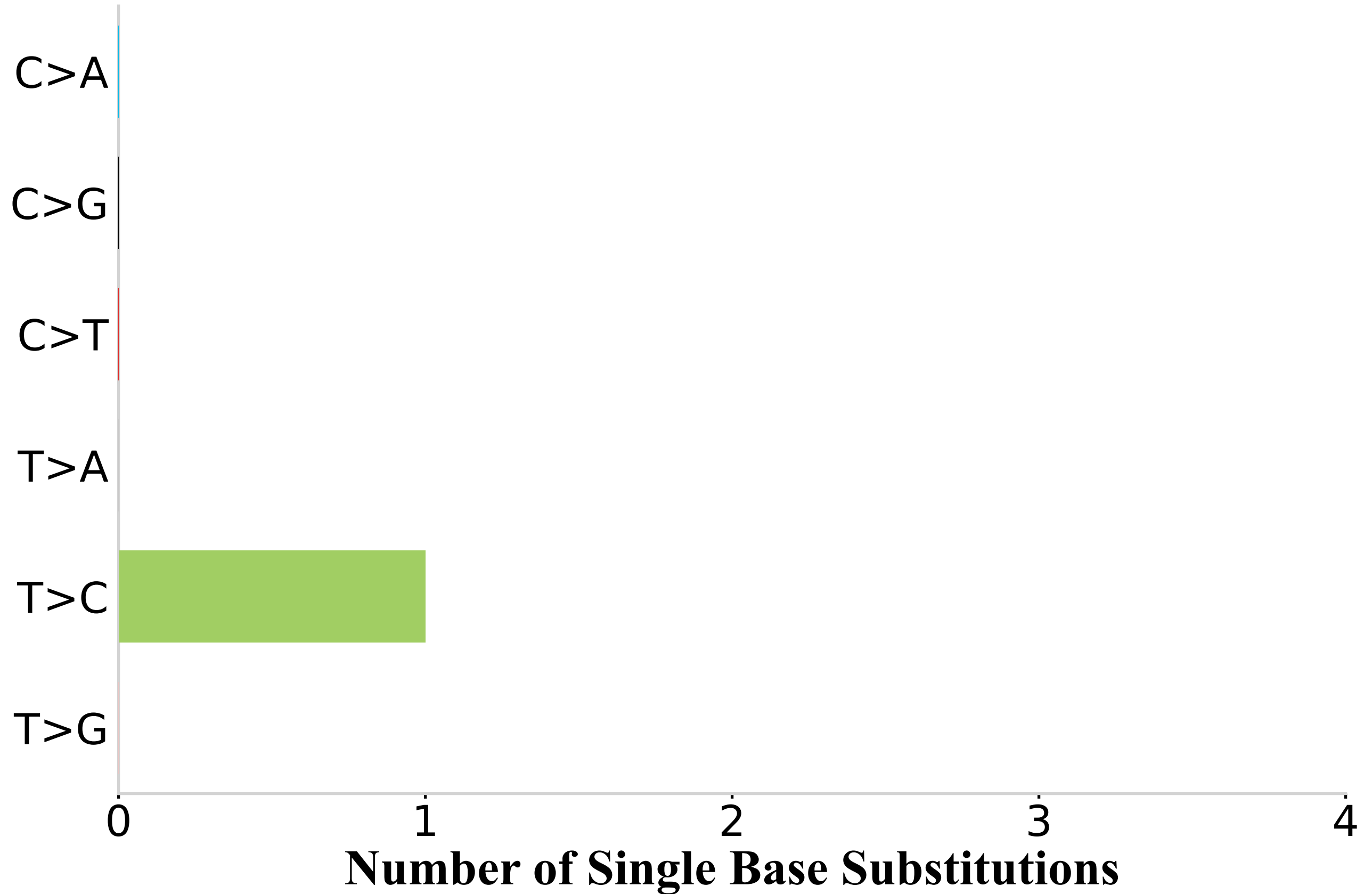
P-0003656-T02-IM5: 7 subs



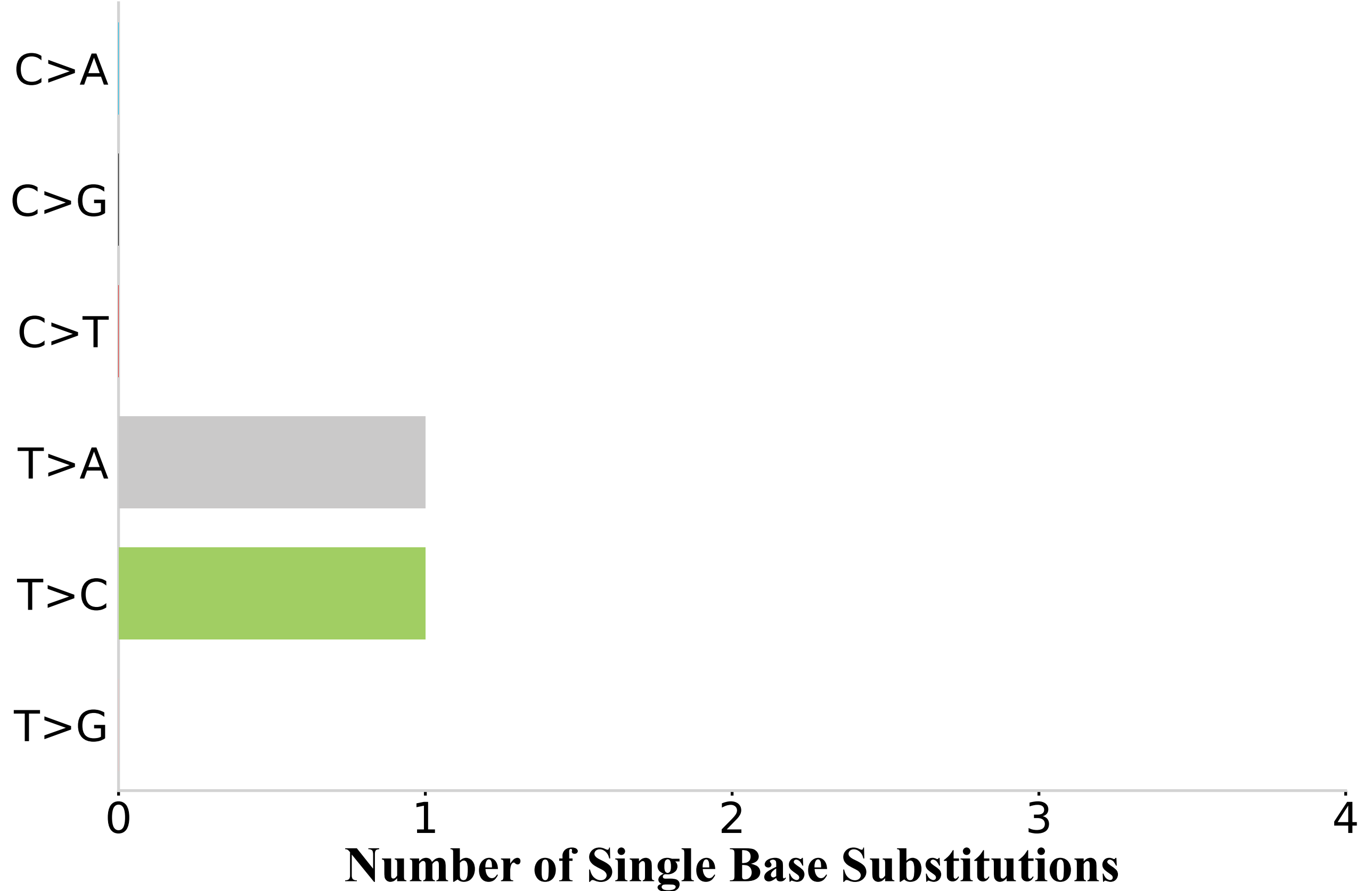
P-0003787-T01-IM5: 5 subs



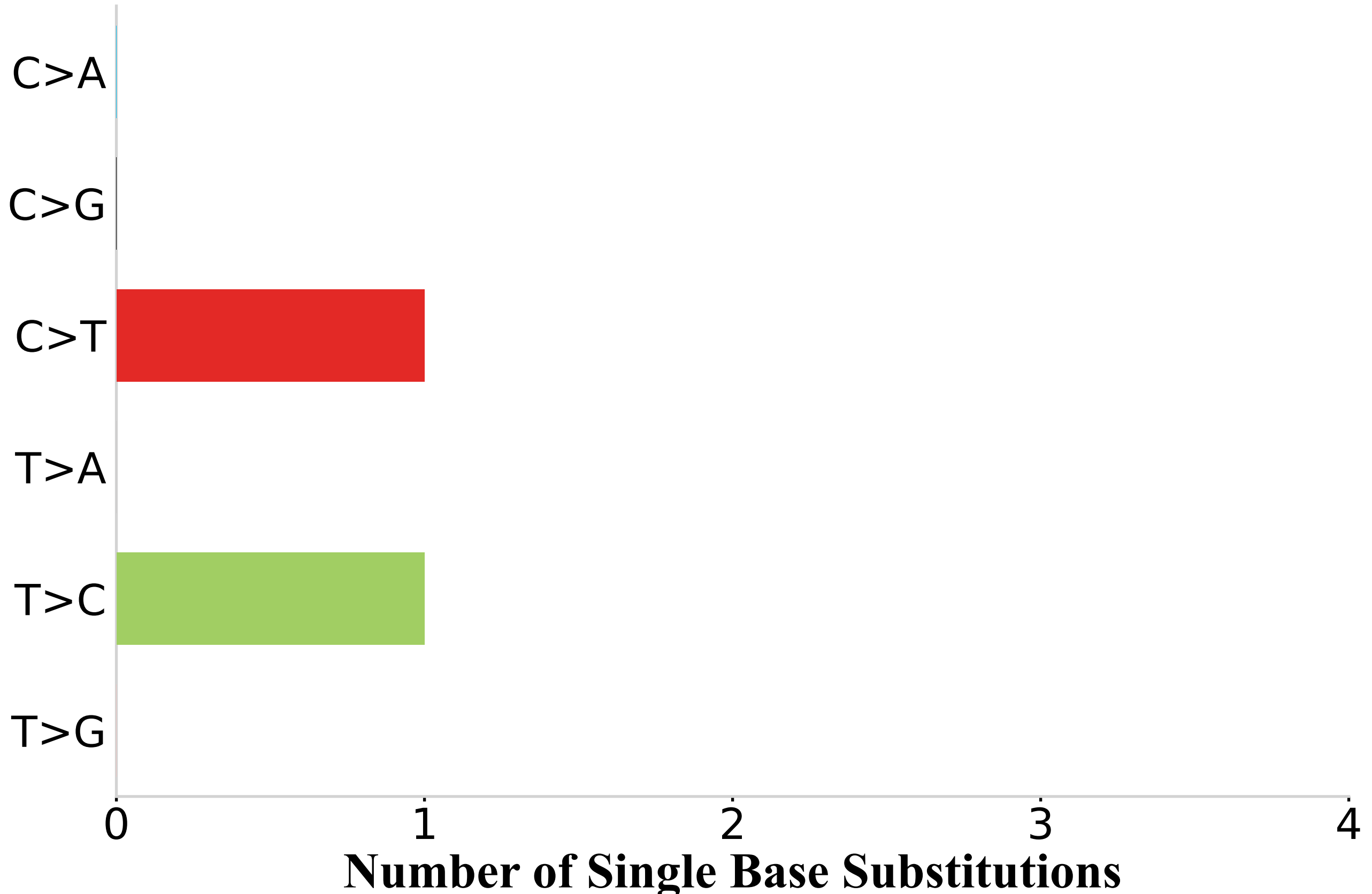
P-0003847-T01-IM5: 1 subs



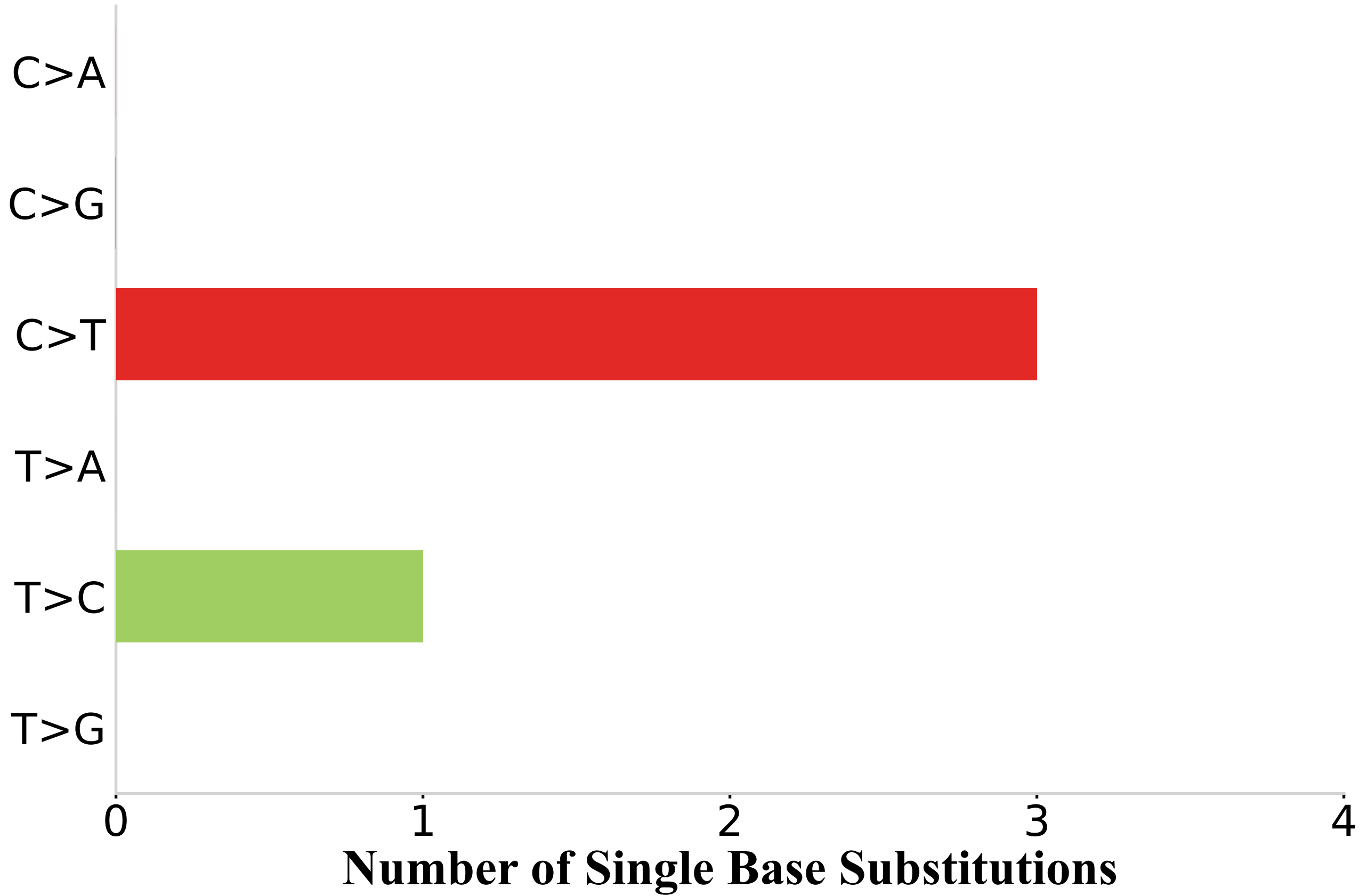
P-0003877-T01-IM5: 2 subs



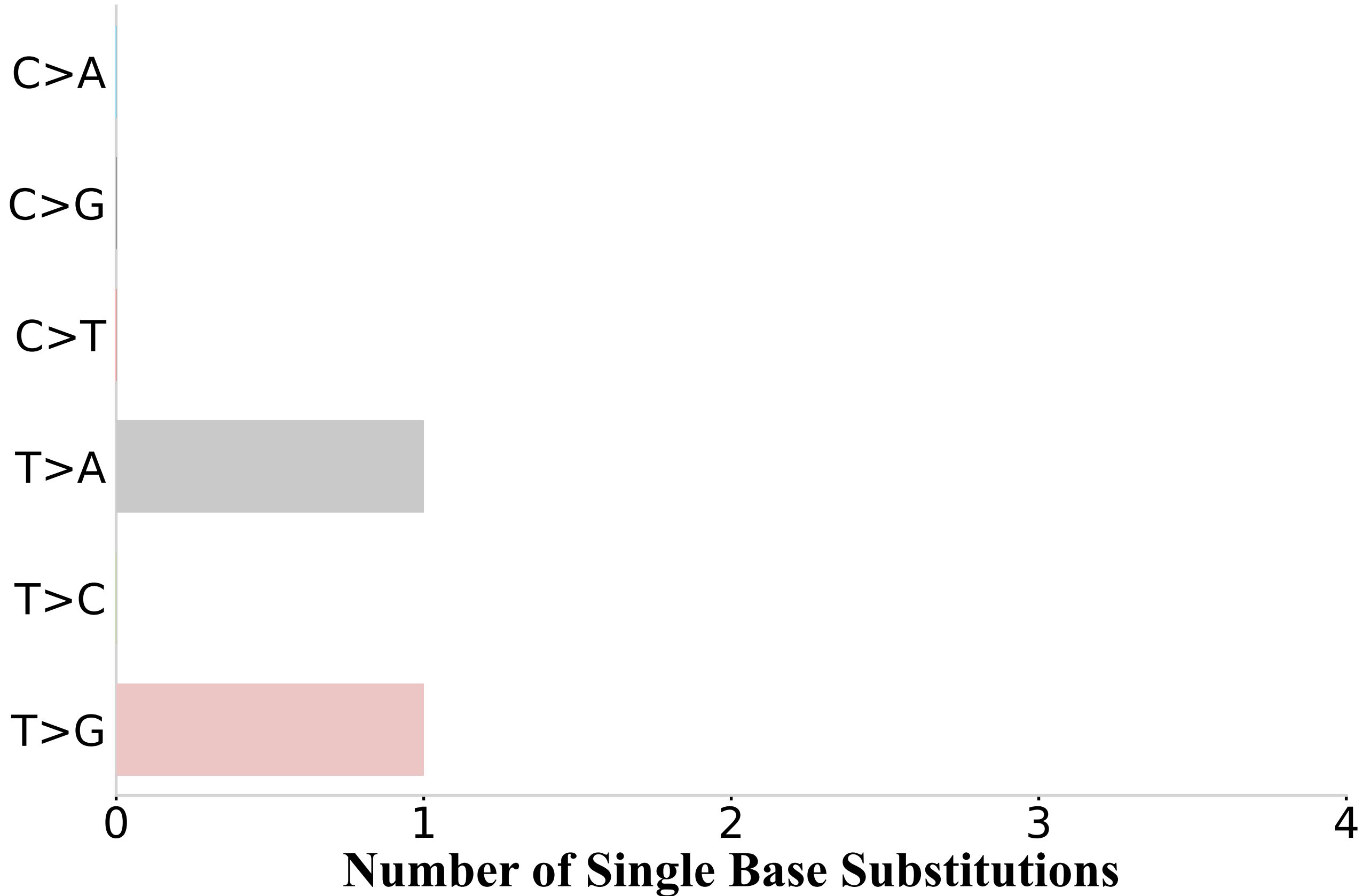
P-0003918-T01-IM3: 2 subs



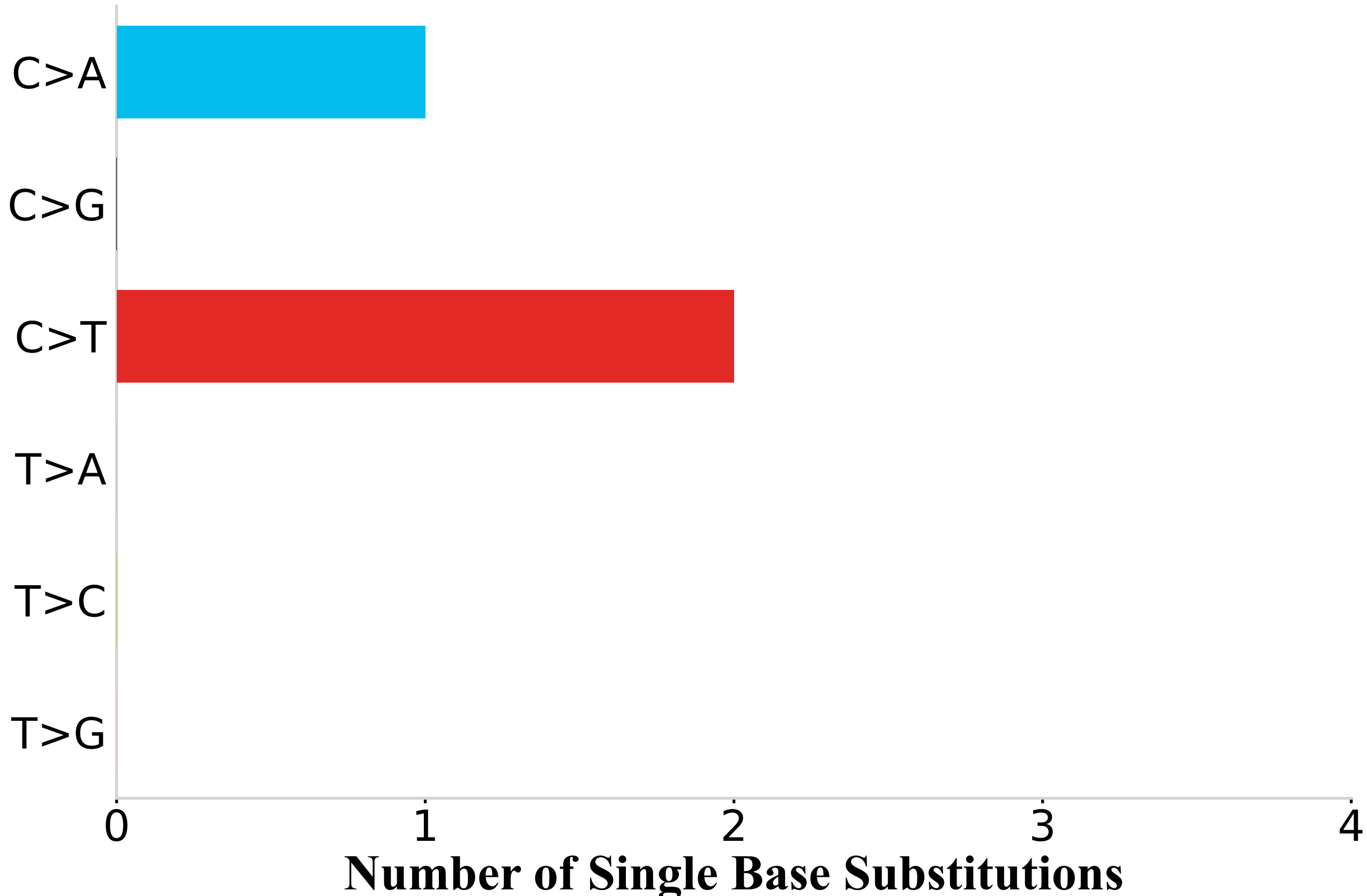
P-0003933-T01-IM3: 4 subs



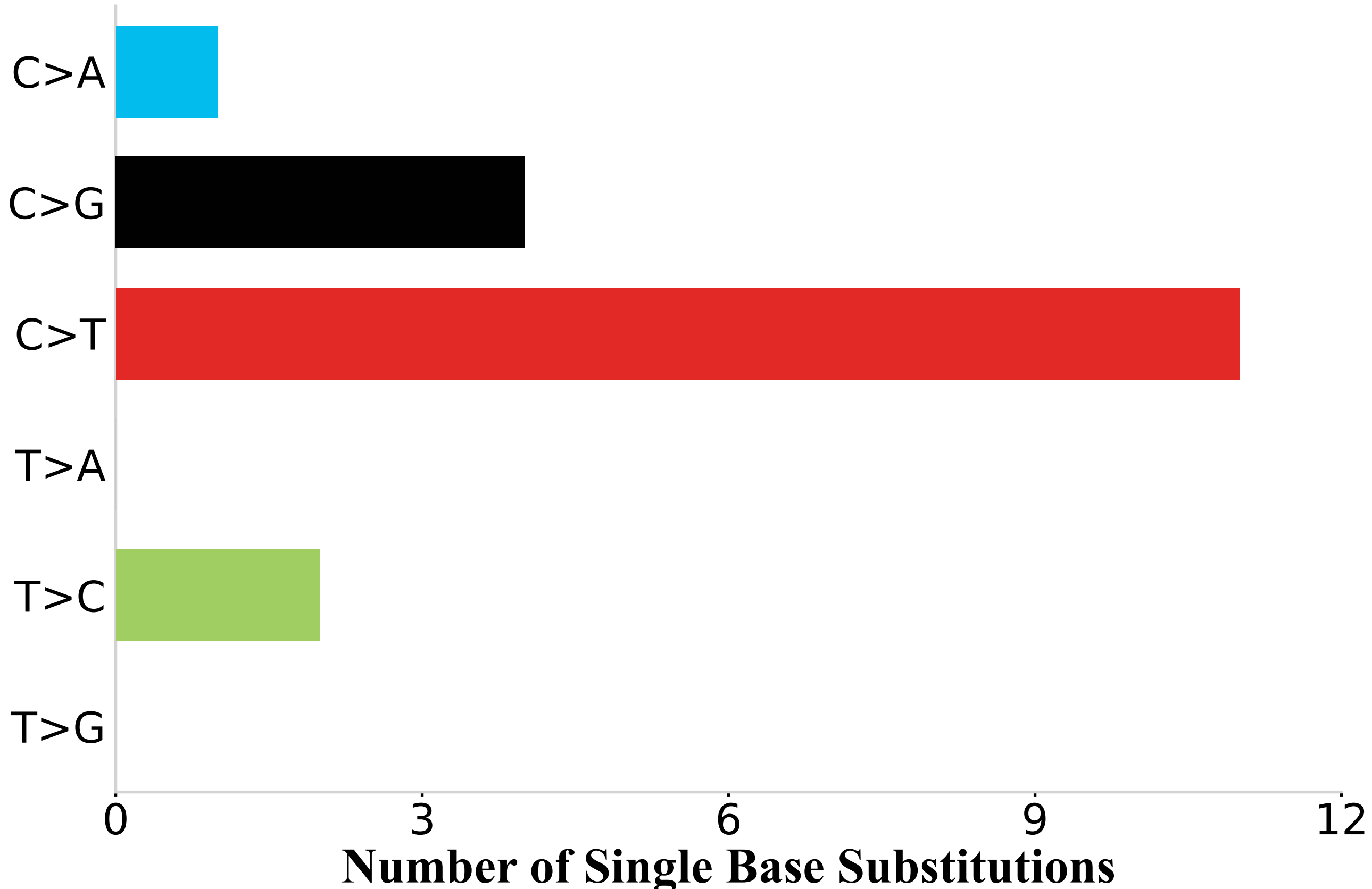
P-0003947-T01-IM3: 2 subs



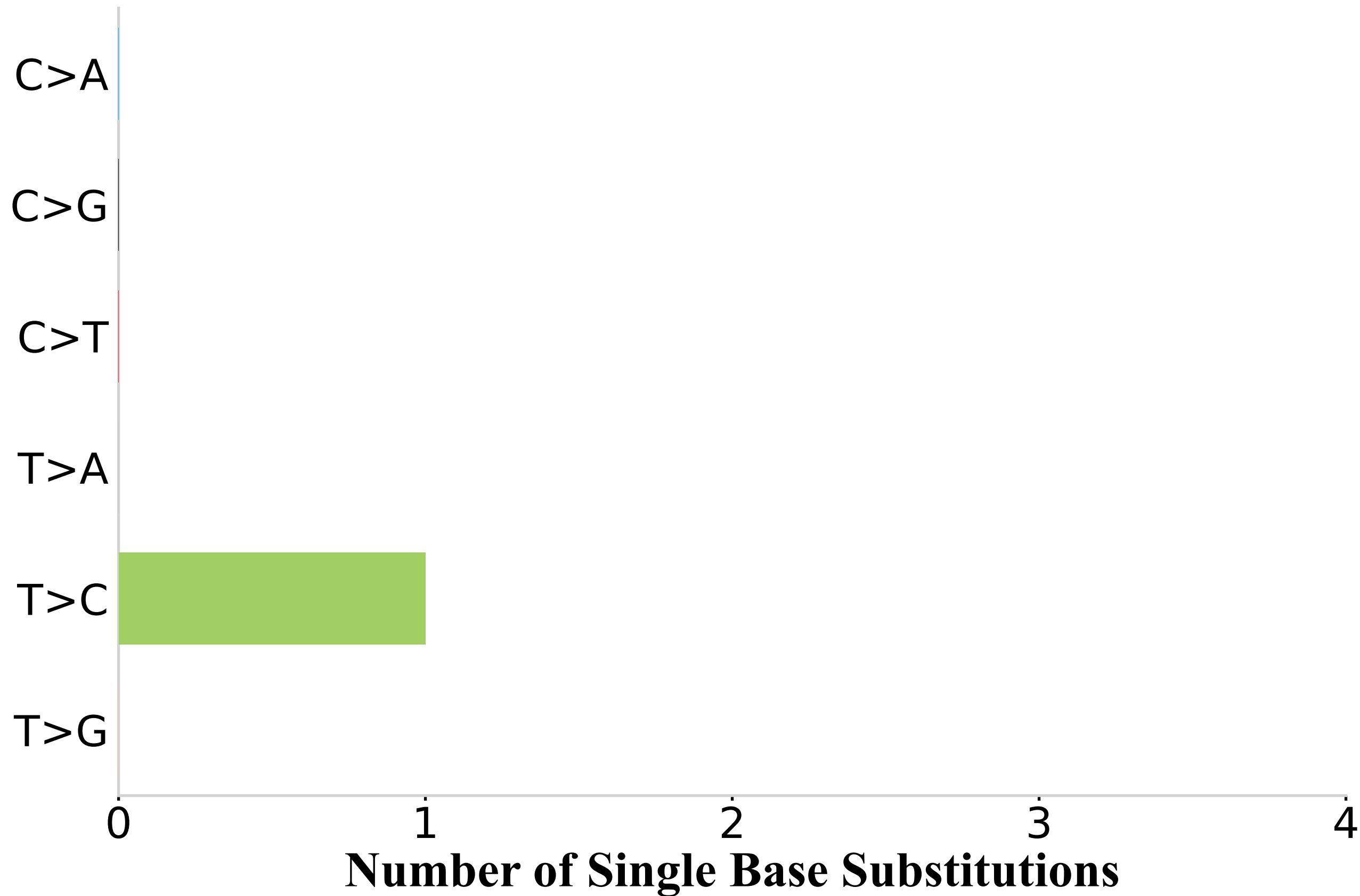
P-0003960-T01-IM3: 3 subs



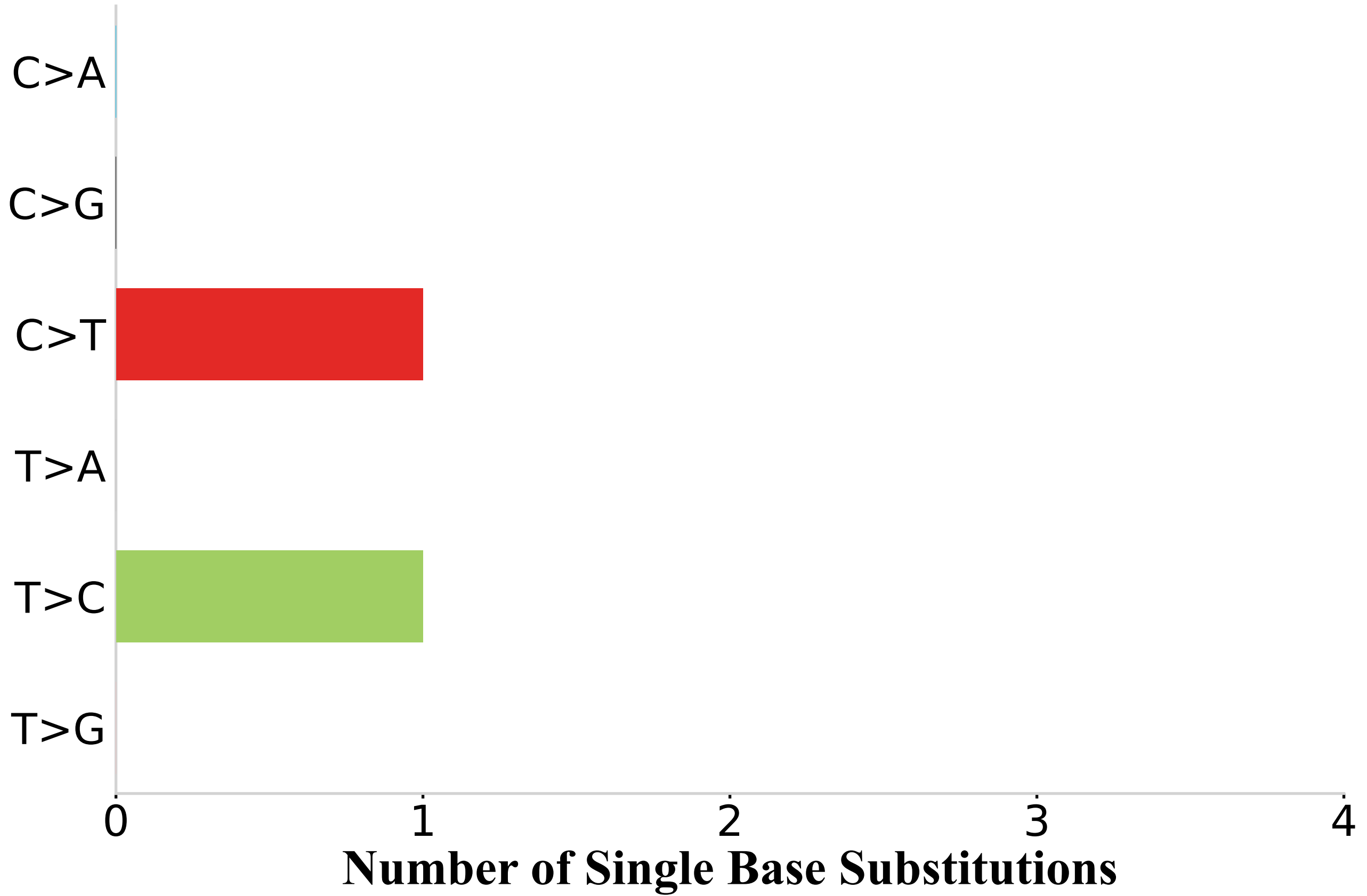
P-0003987-T01-IM5: 18 subs



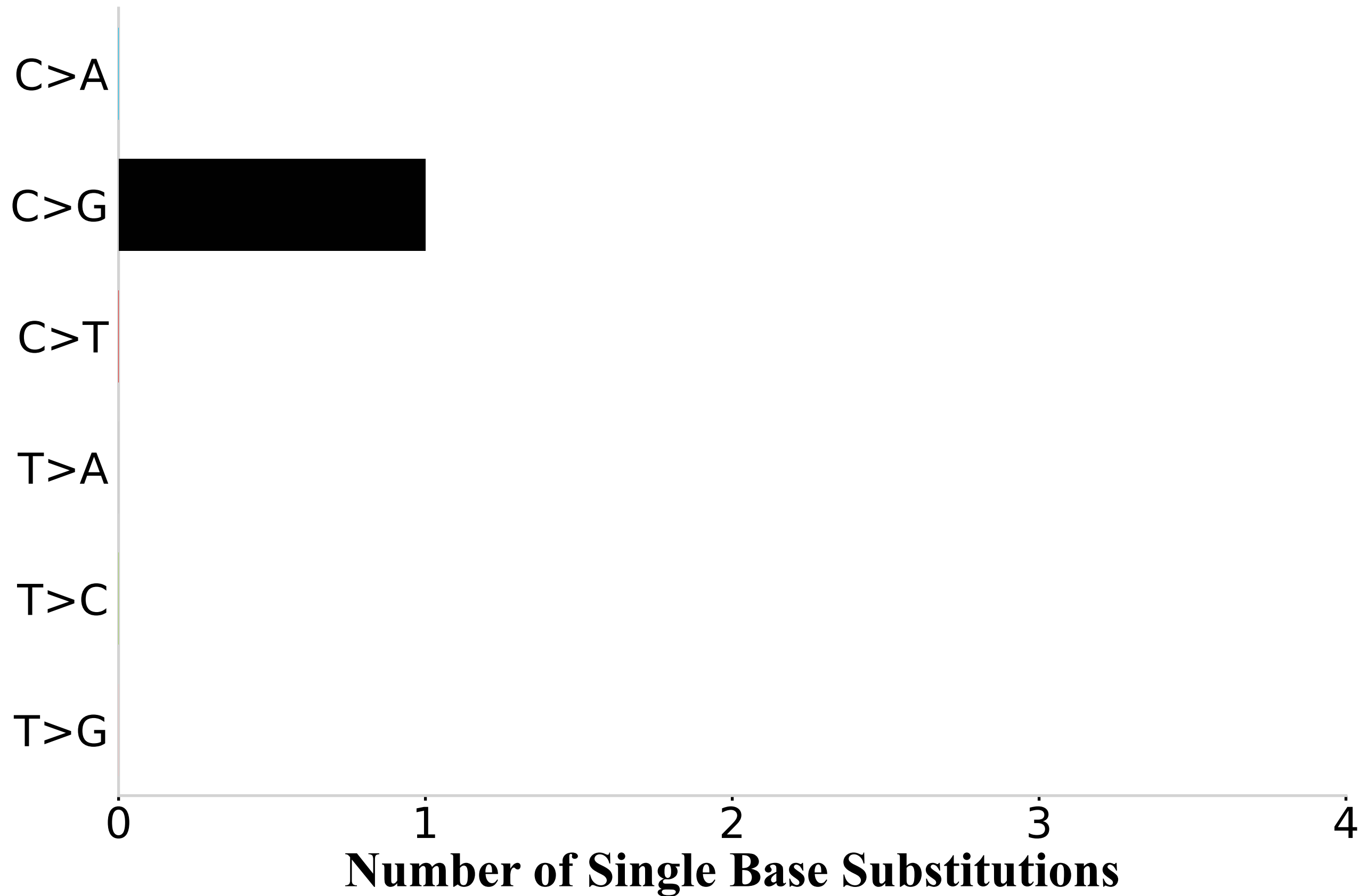
P-0004023-T02-IM5: 1 subs



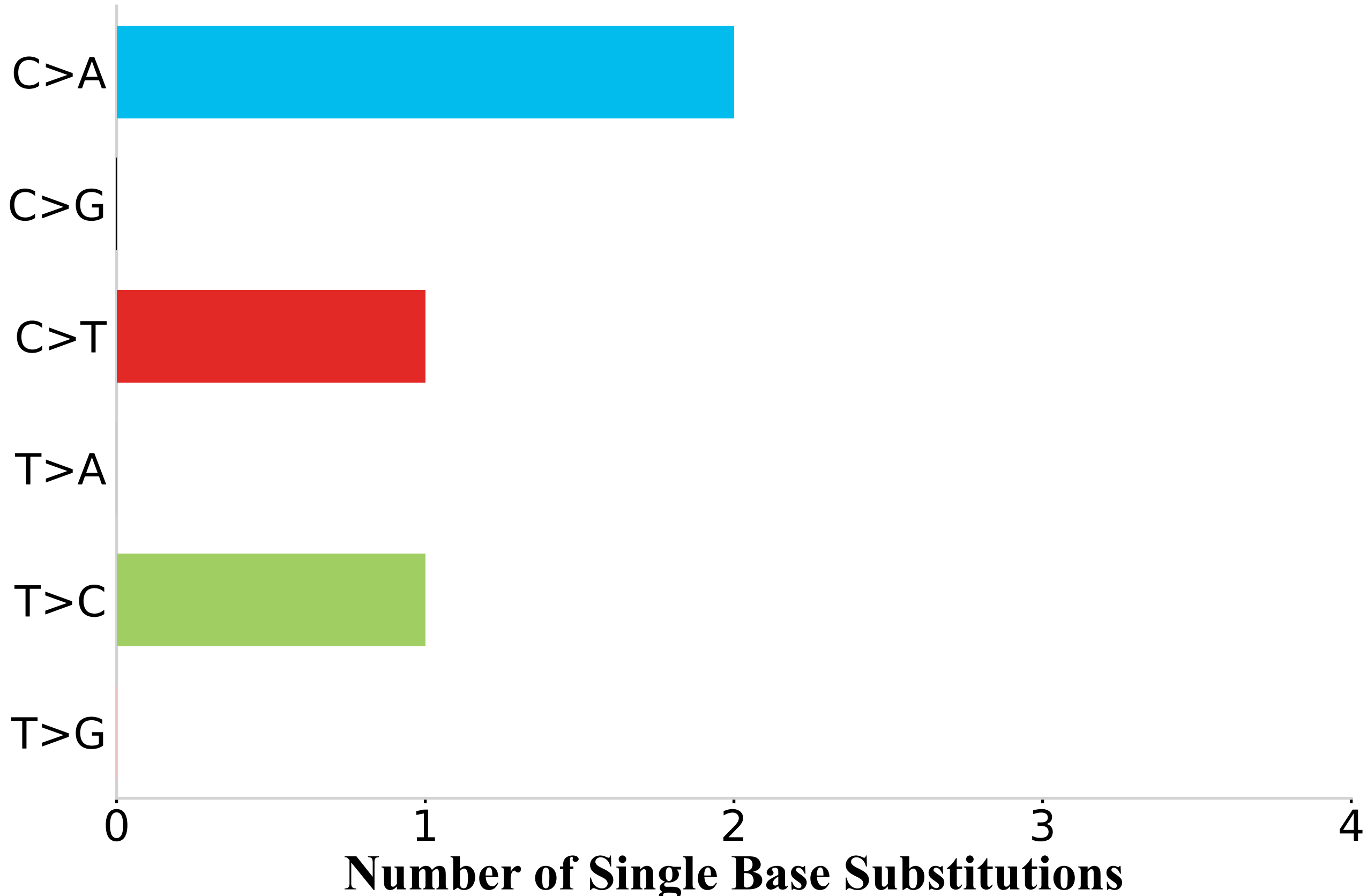
P-0004165-T01-IM5: 2 subs



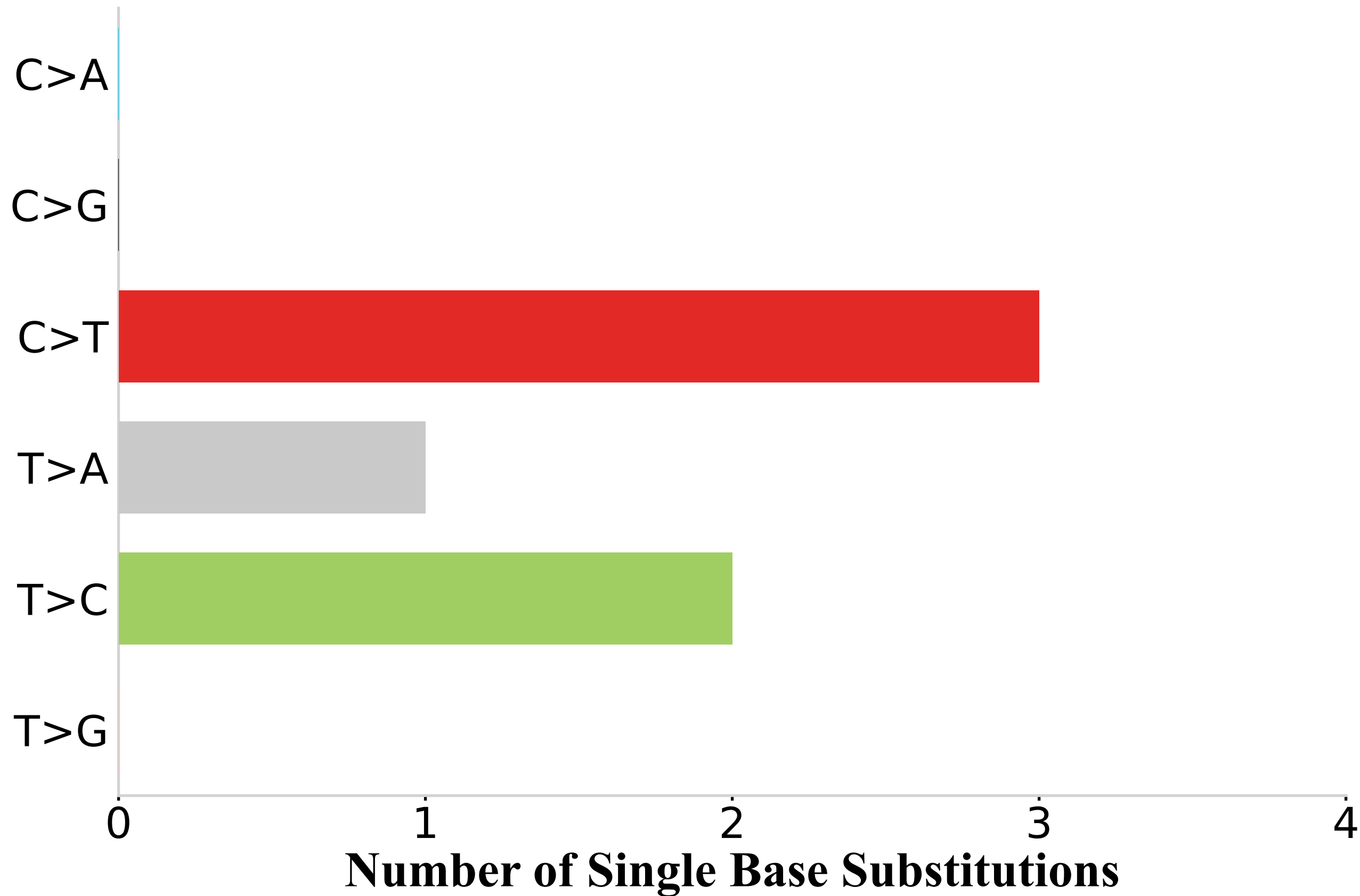
P-0004178-T01-IM5: 1 subs



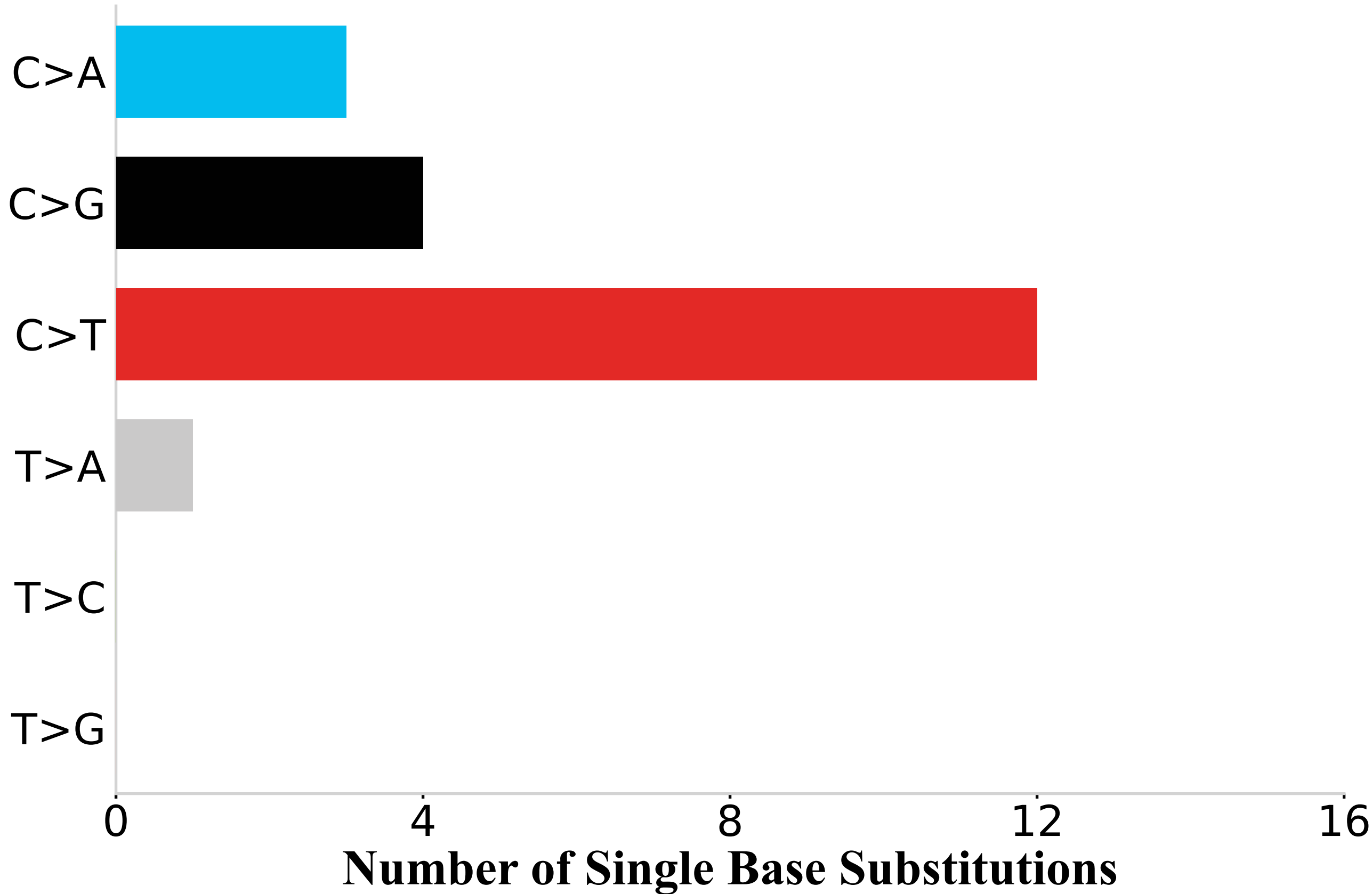
P-0004187-T01-IM5: 4 subs



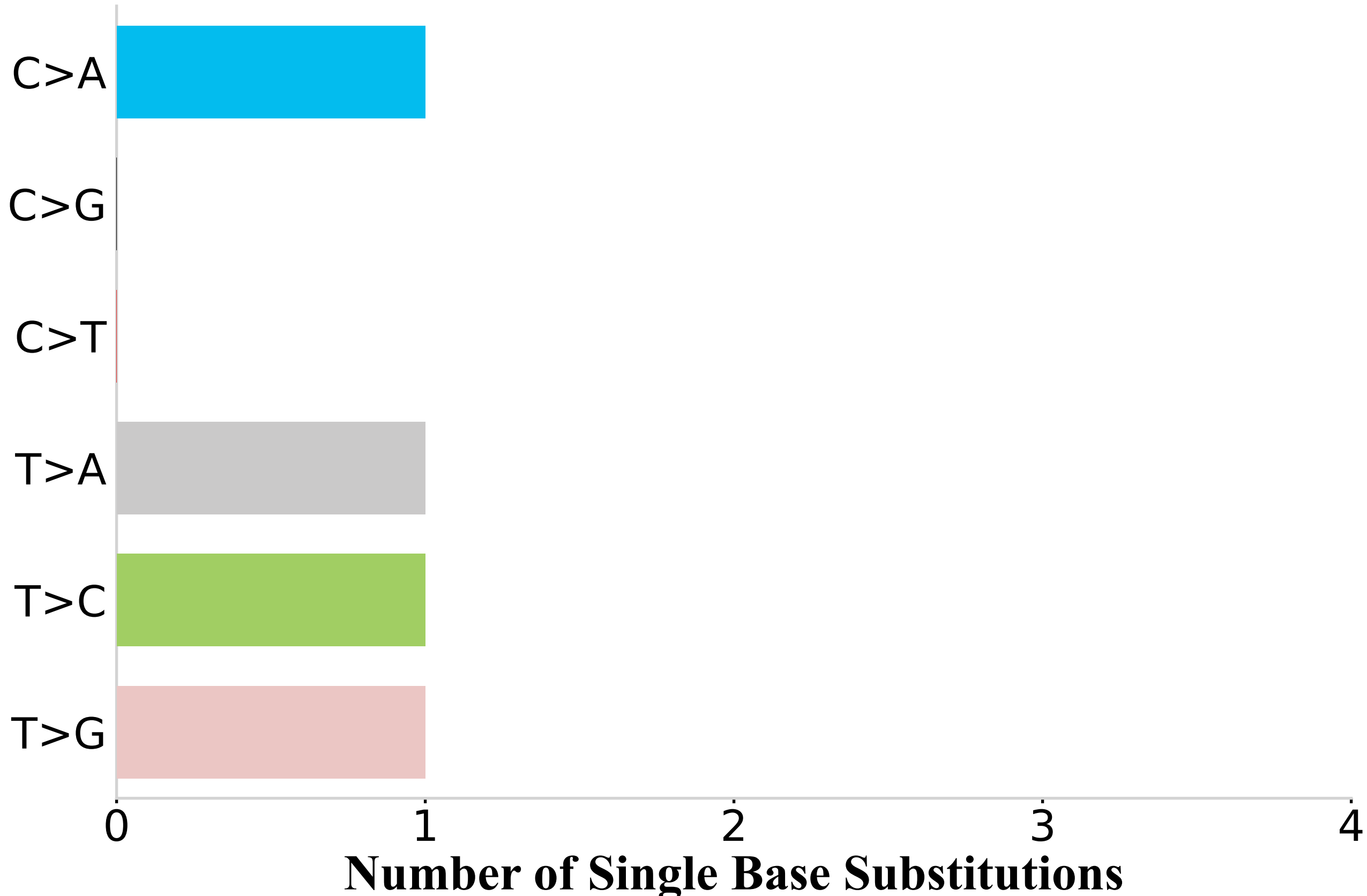
P-0004191-T01-IM5: 6 subs



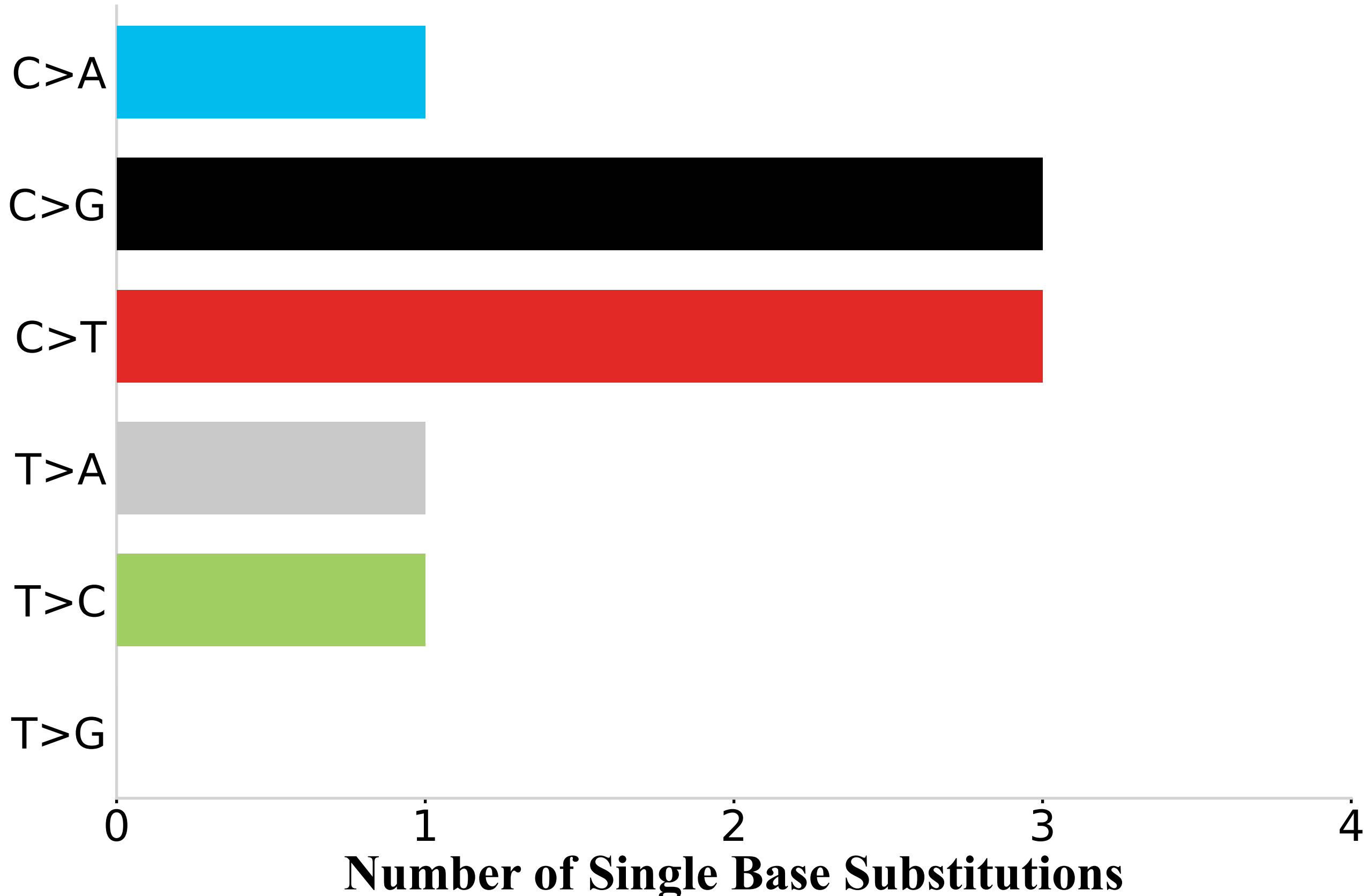
P-0004246-T01-IM5: 20 subs



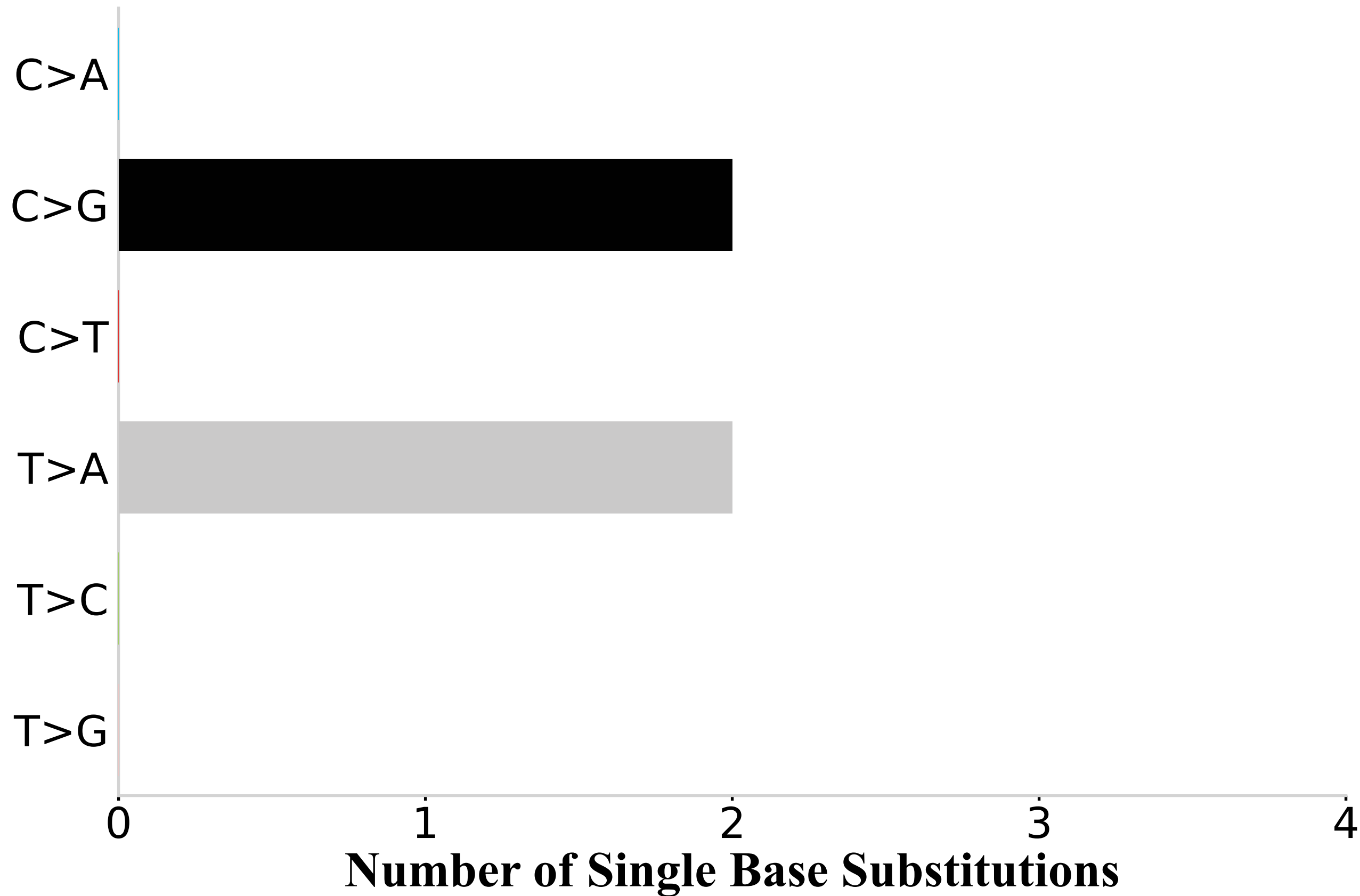
P-0004295-T01-IM5: 4 subs



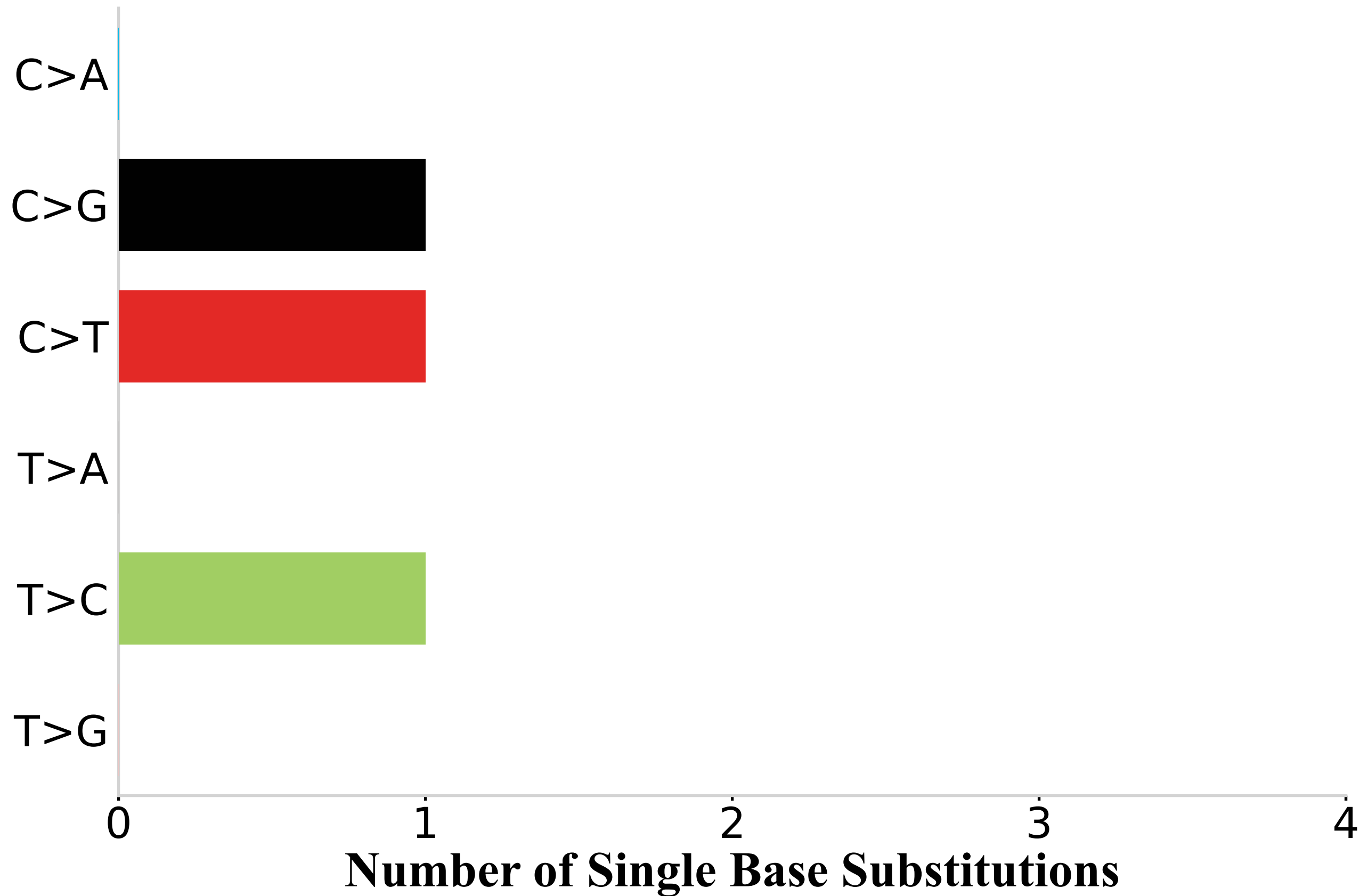
P-0004346-T01-IM5: 9 subs



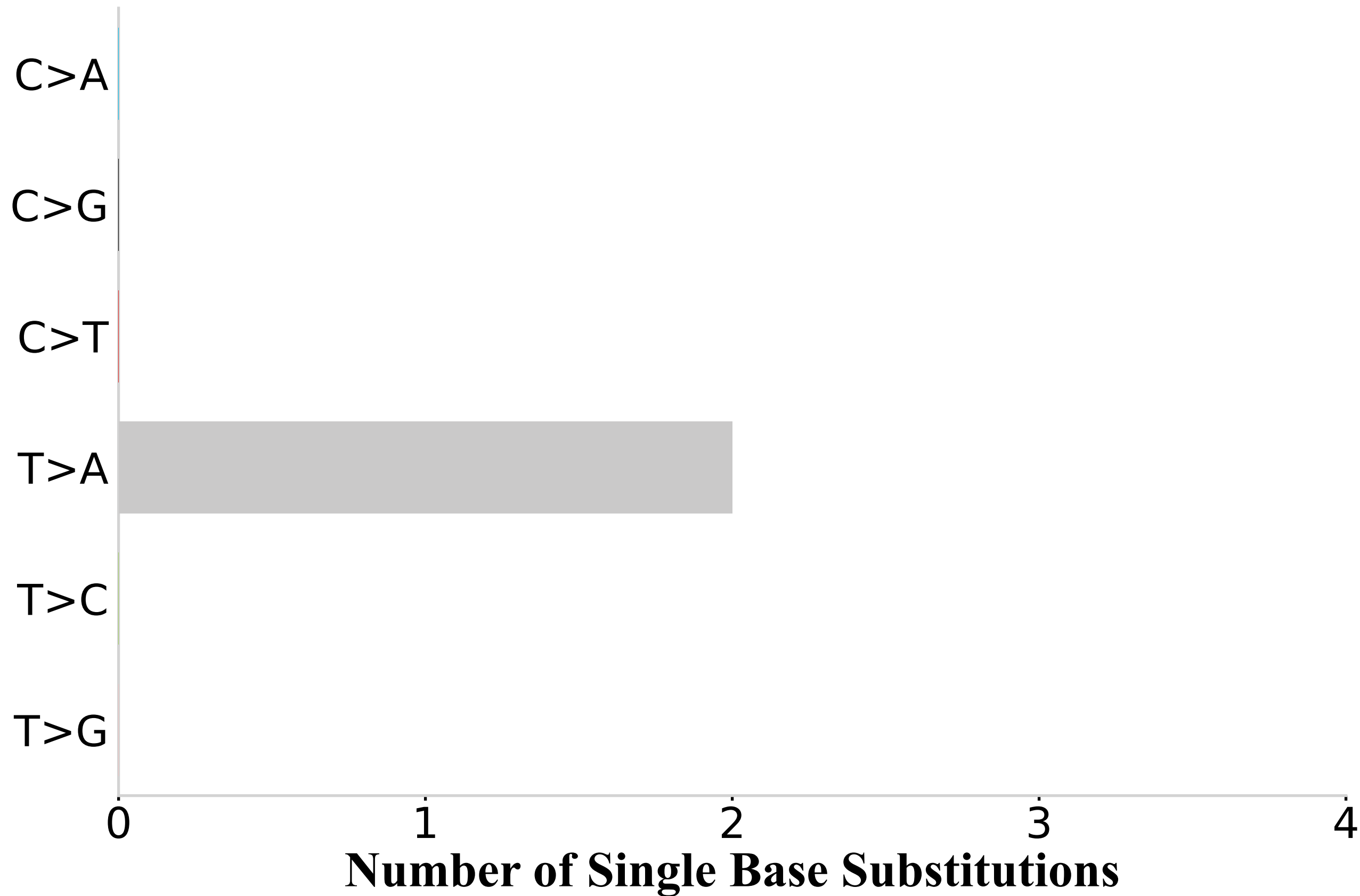
P-0004434-T01-IM5: 4 subs



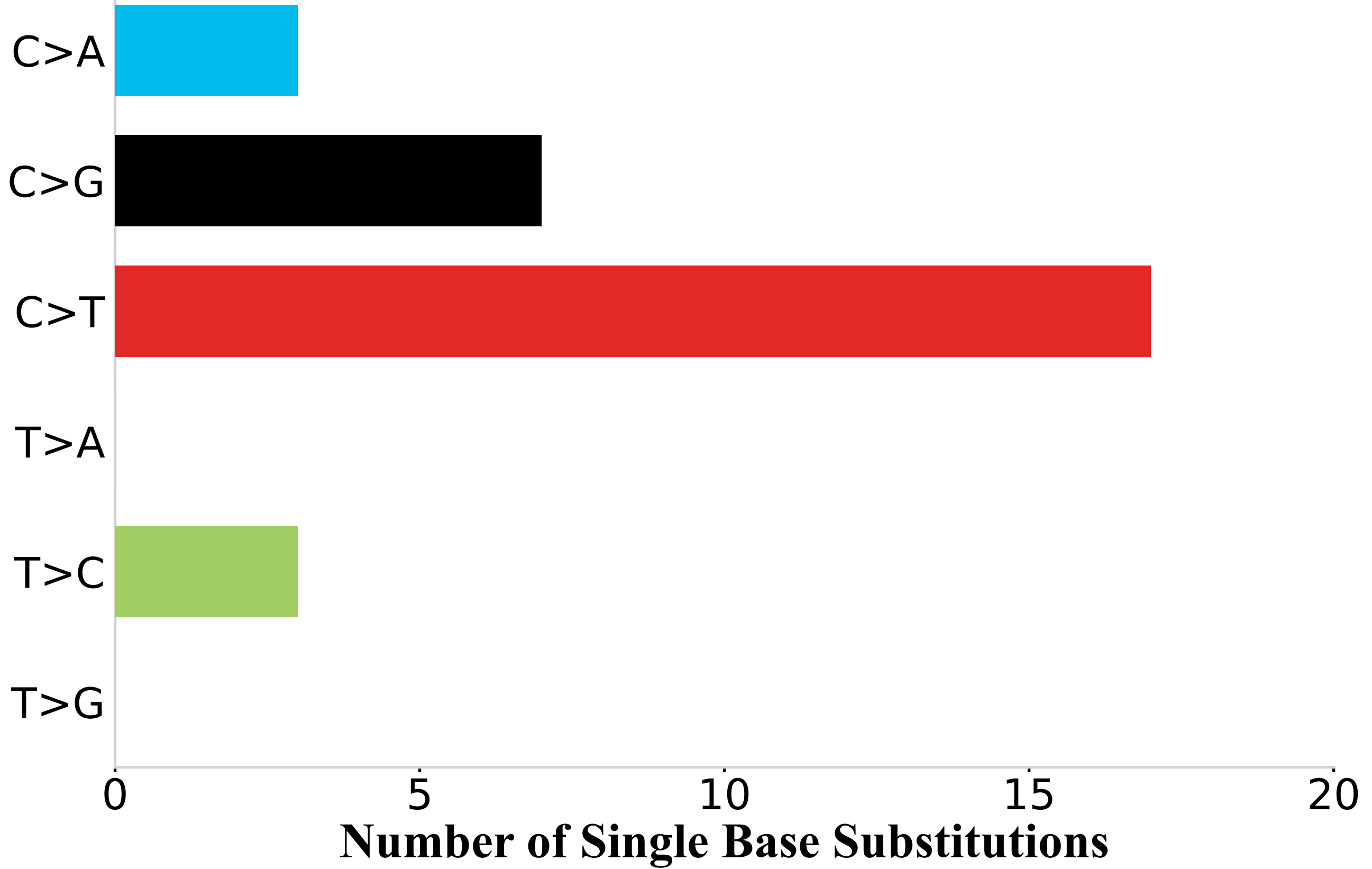
P-0004477-T01-IM5: 3 subs



P-0004523-T01-IM5: 2 subs



P-0004555-T01-IM5: 30 subs



P-0004637-T01-IM5: 0 subs

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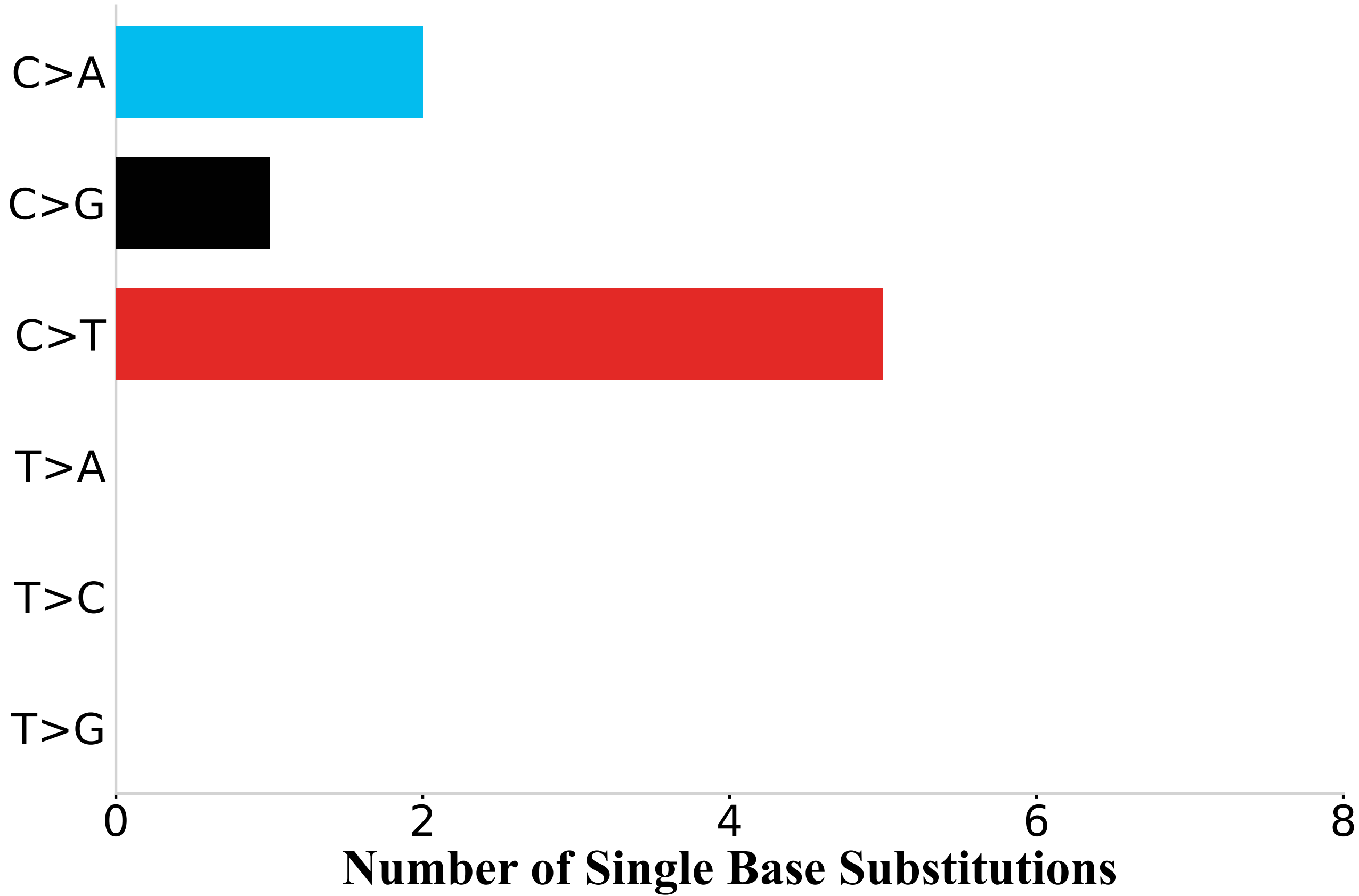
T>G

0

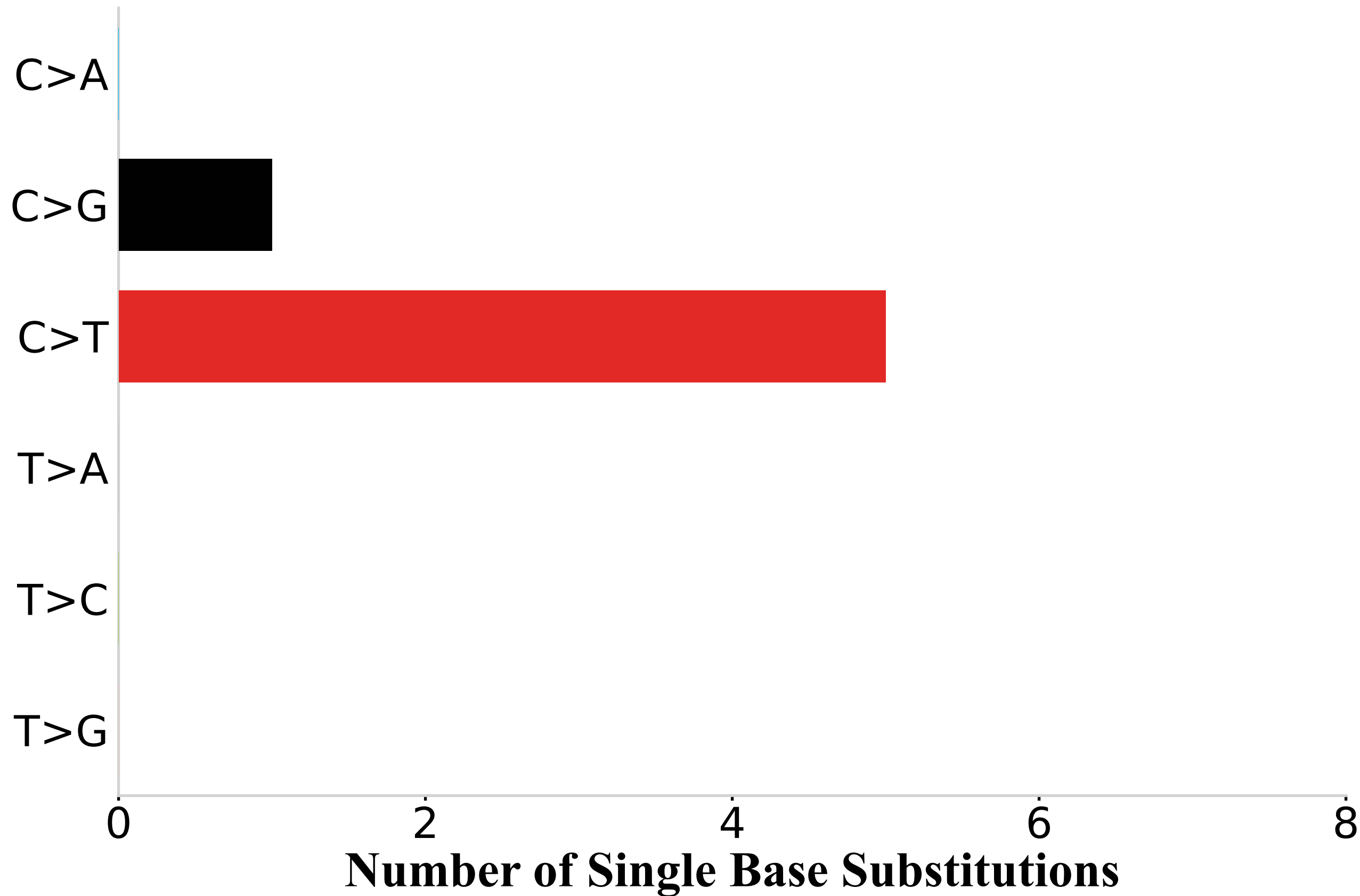
Number of Single Base Substitutions



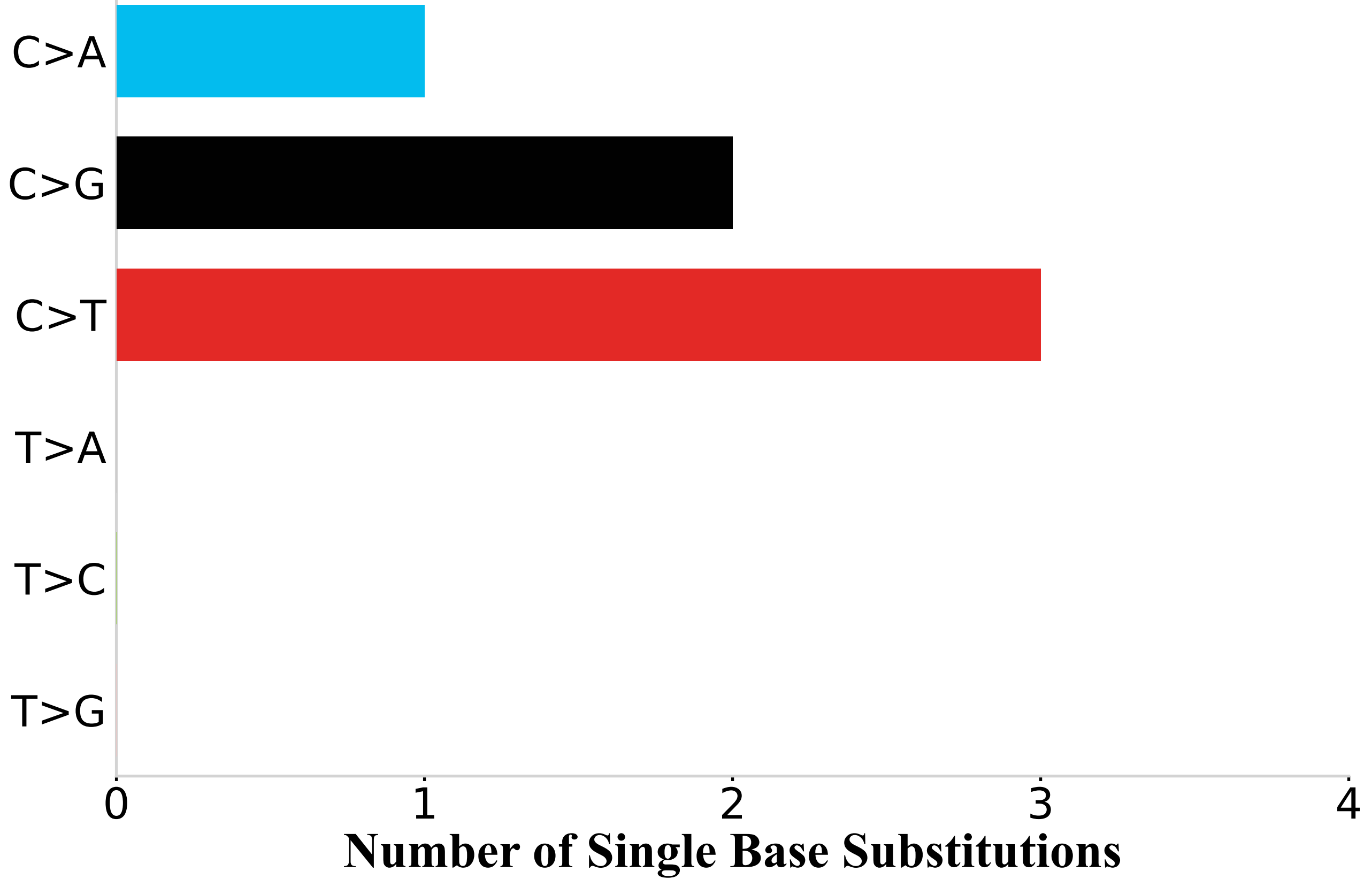
P-0004670-T01-IM5: 8 subs



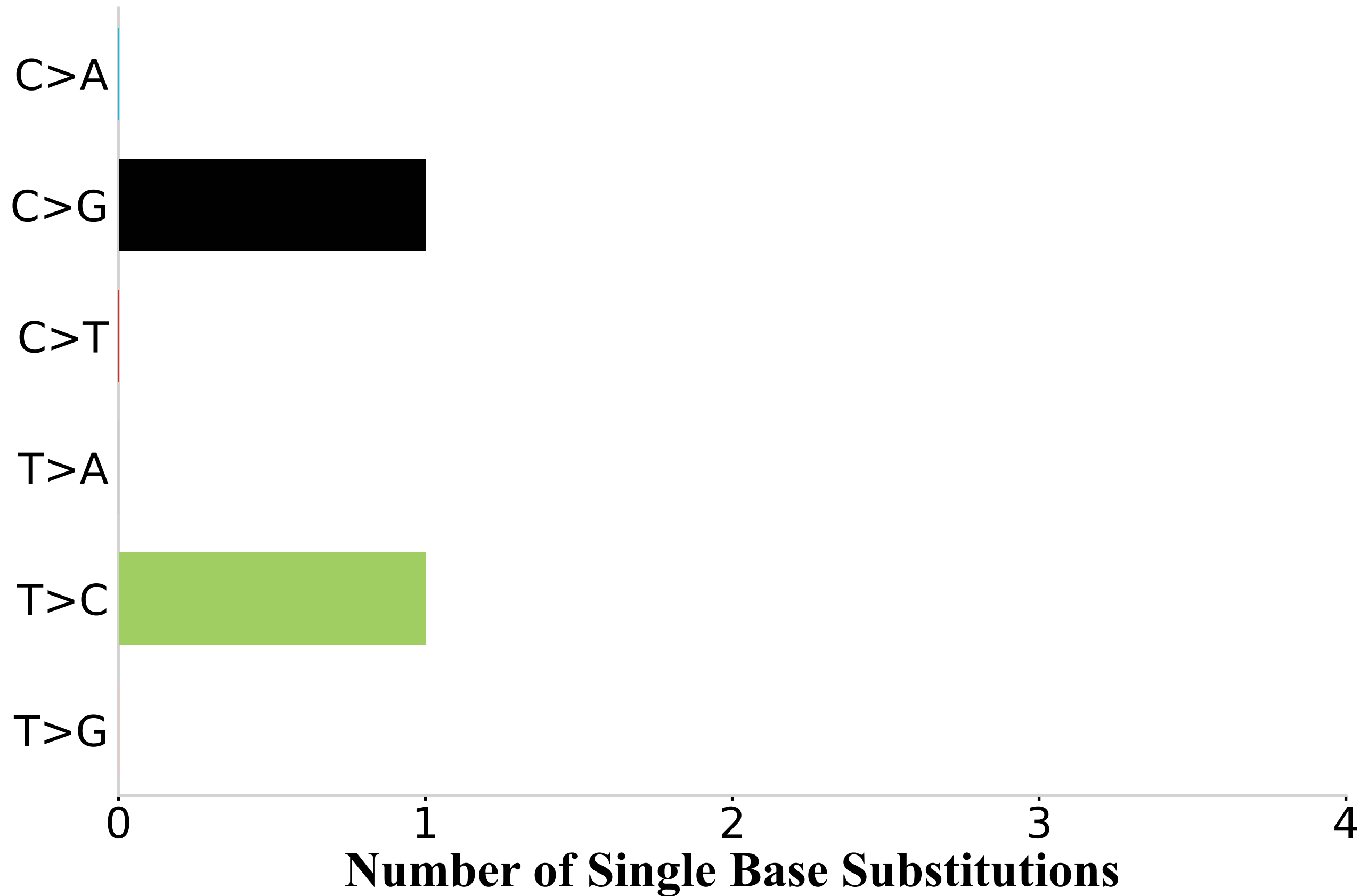
P-0004850-T01-IM5: 6 subs



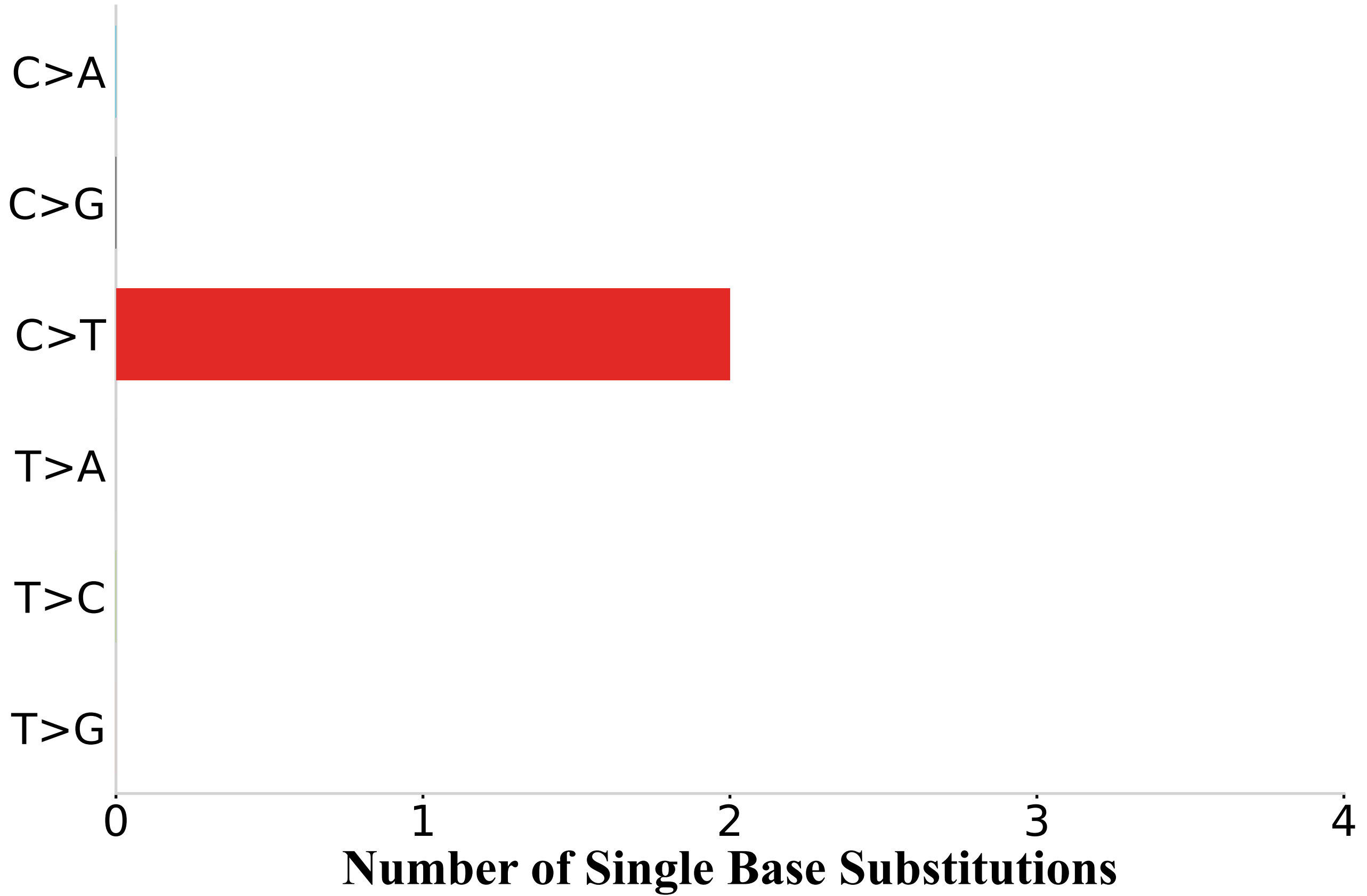
P-0004898-T01-IM5: 6 subs



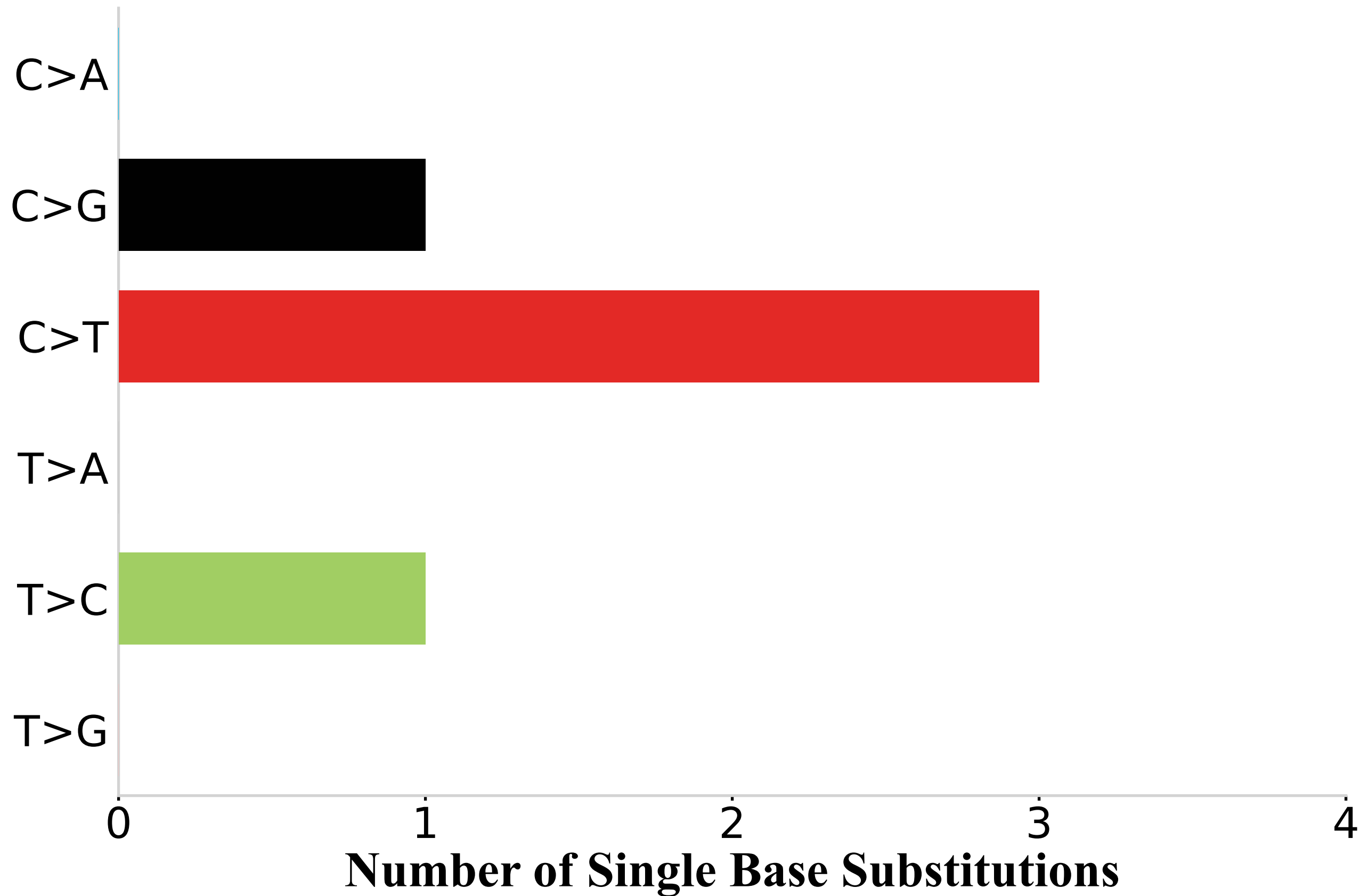
P-0004950-T01-IM5: 2 subs



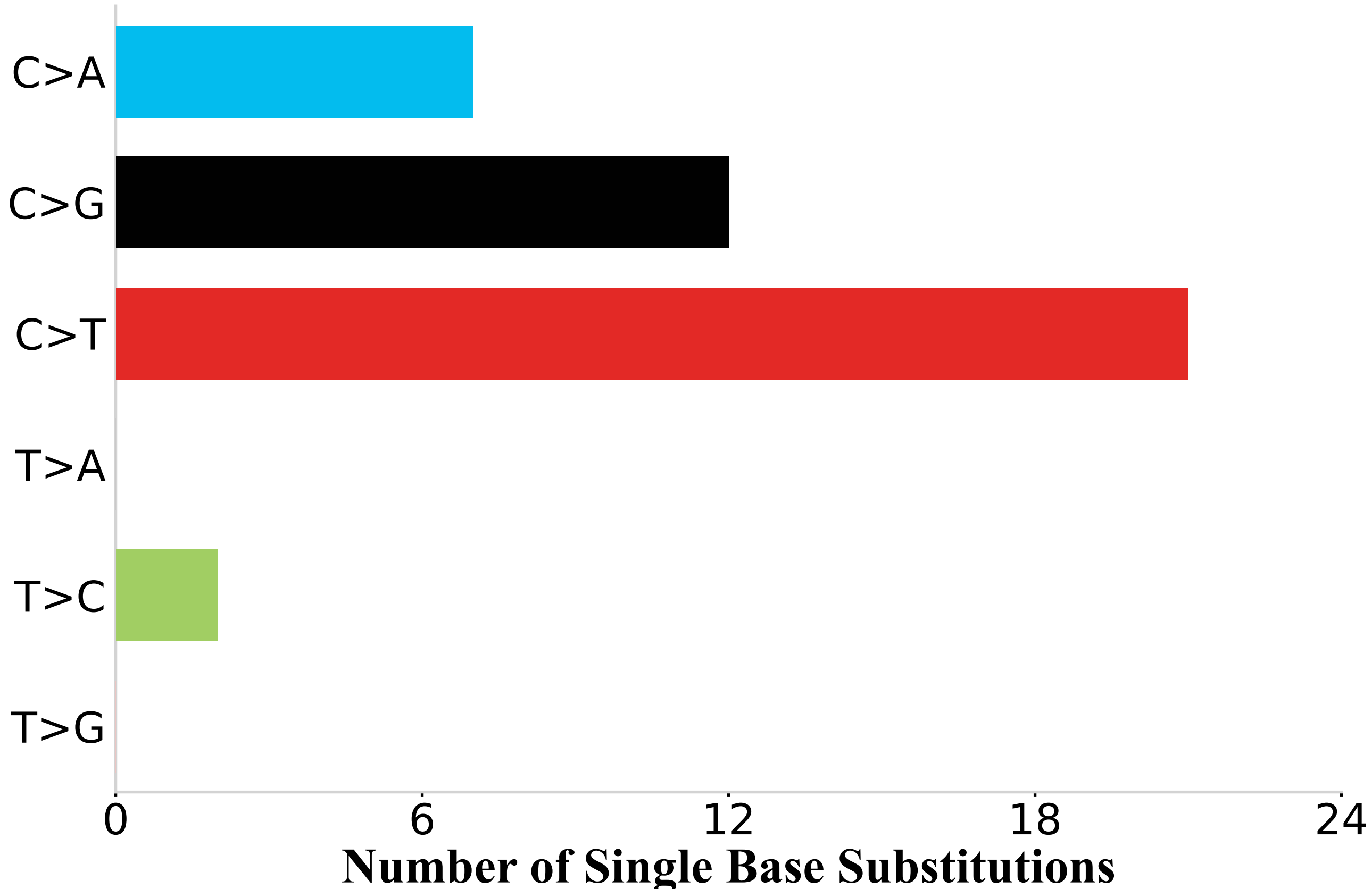
P-0004951-T01-IM5: 2 subs



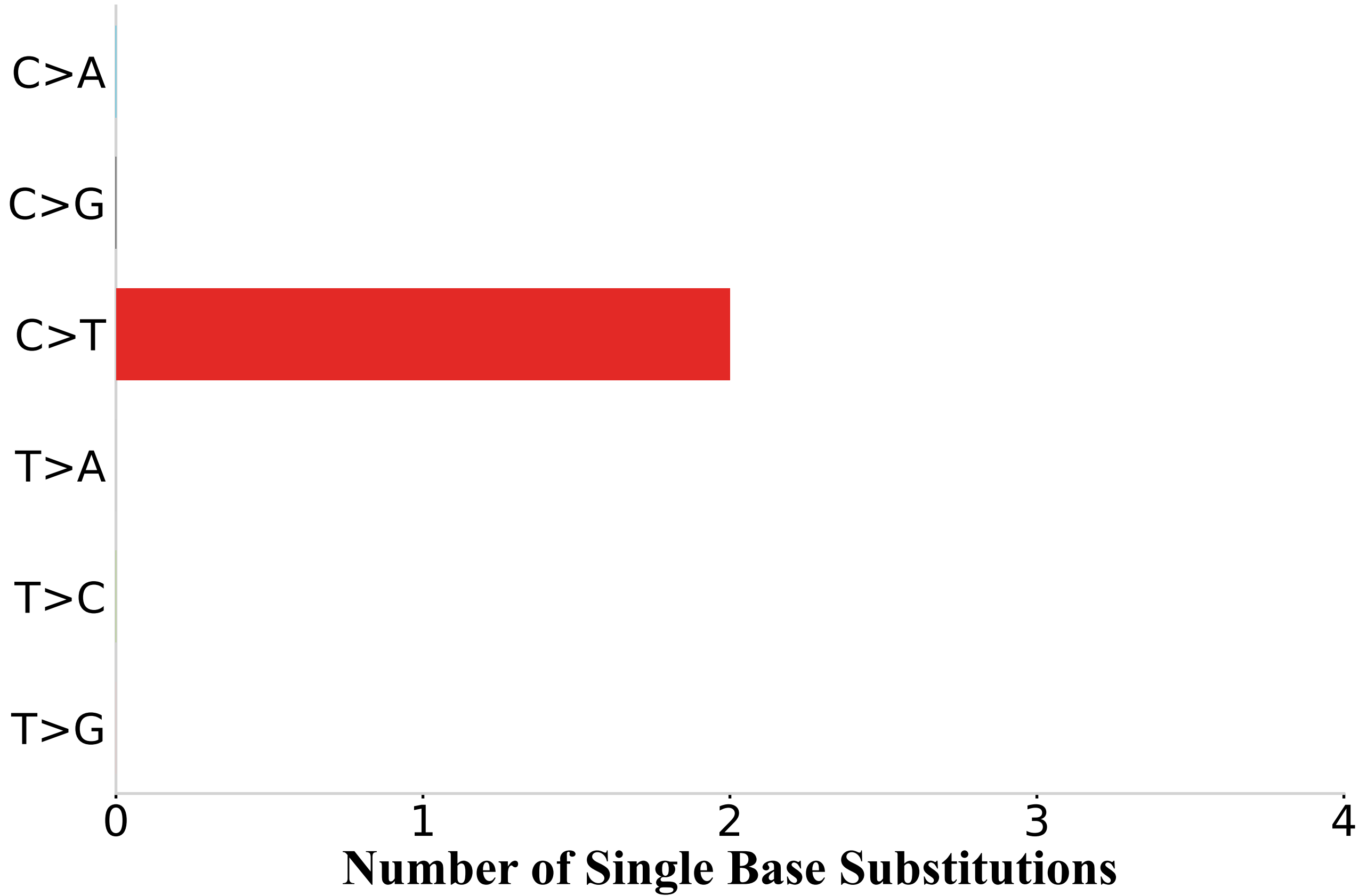
P-0004974-T01-IM5: 5 subs



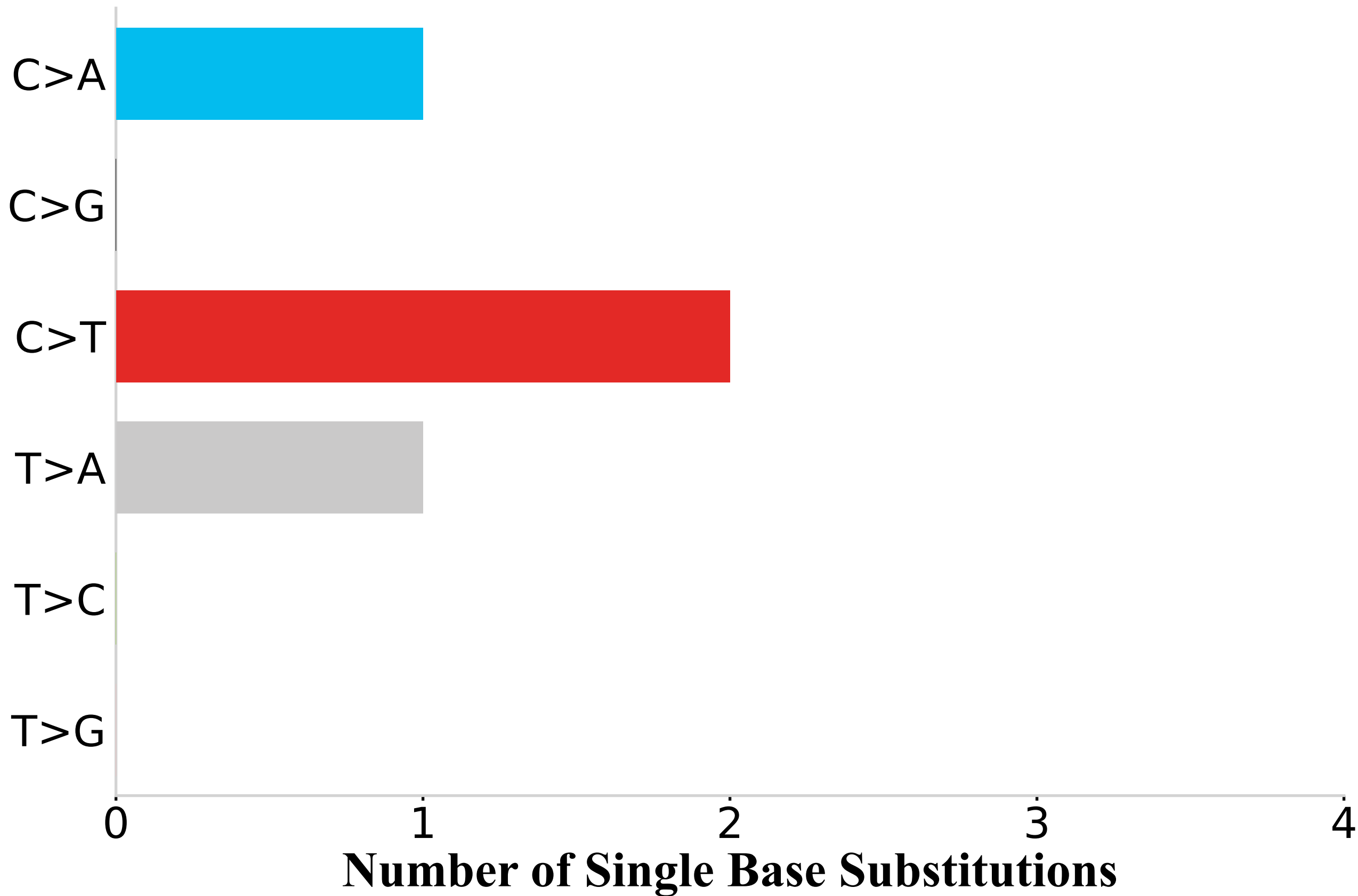
P-0004987-T01-IM5: 42 subs



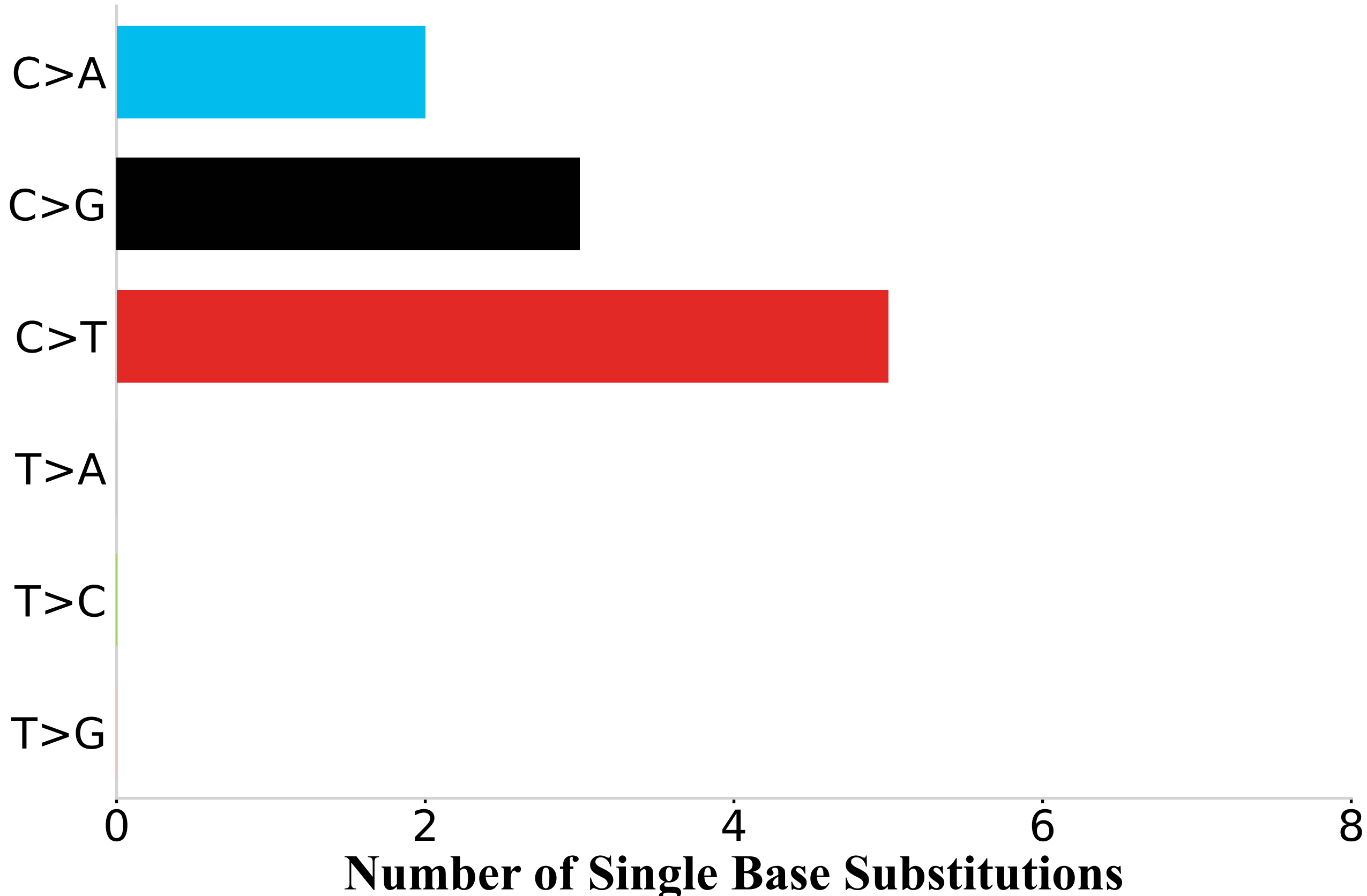
P-0005015-T01-IM5: 2 subs



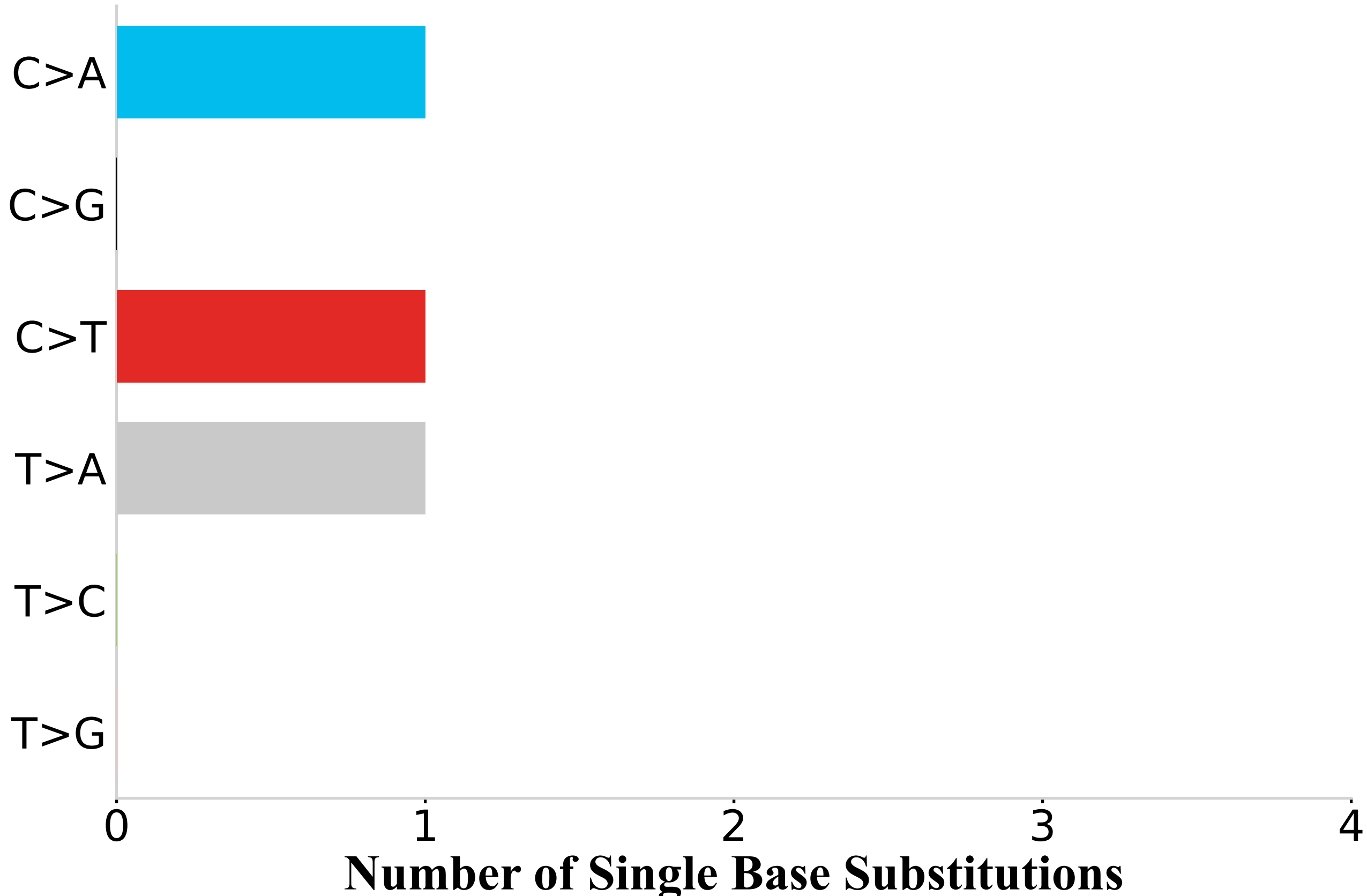
P-0005120-T01-IM5: 4 subs



P-0005242-T01-IM5: 10 subs



P-0005429-T01-IM5: 3 subs



P-0005526-T01-IM5: 5 subs

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C>G

C>T

T>A

T>C

T>G

0

1

2

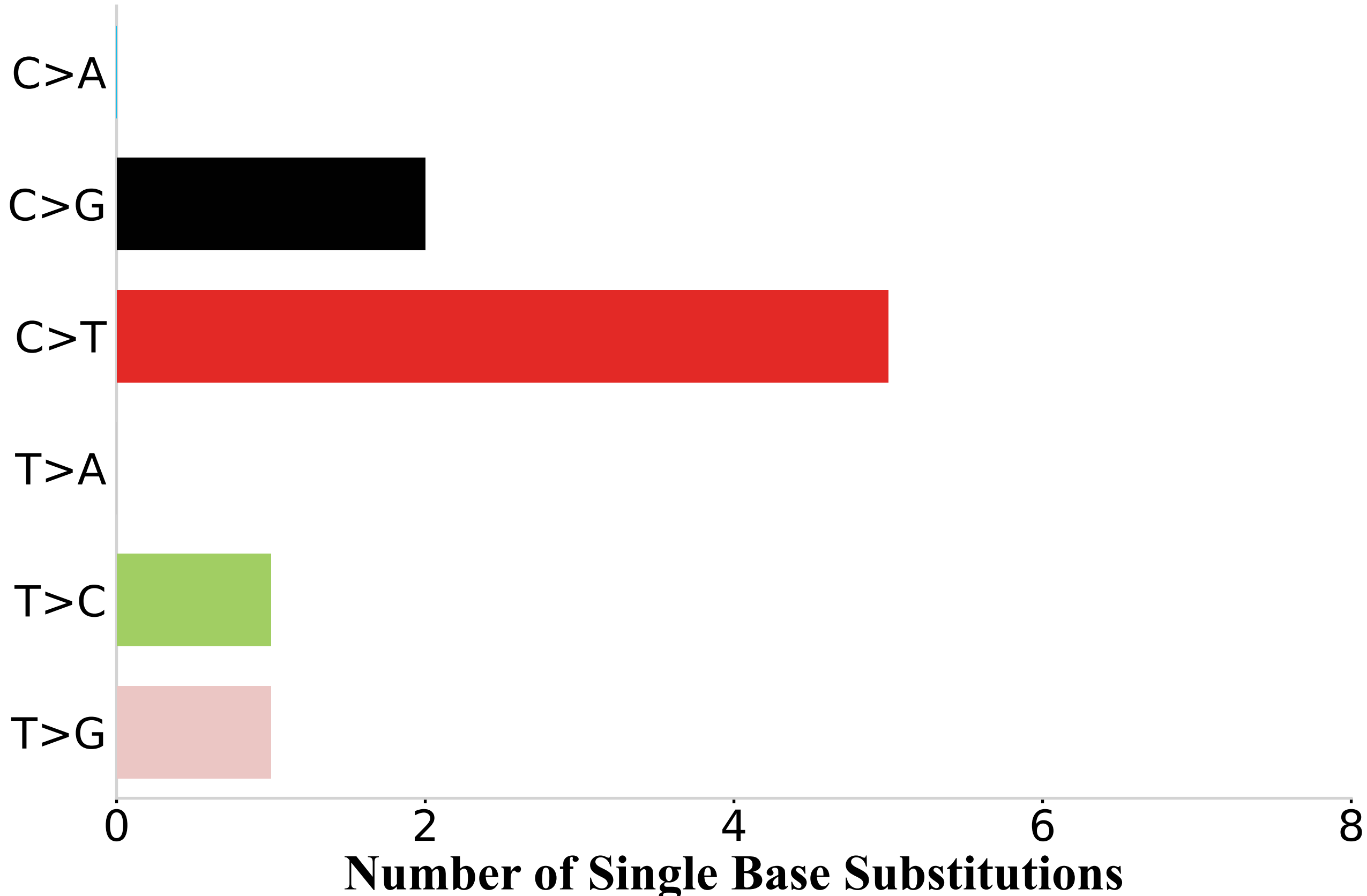
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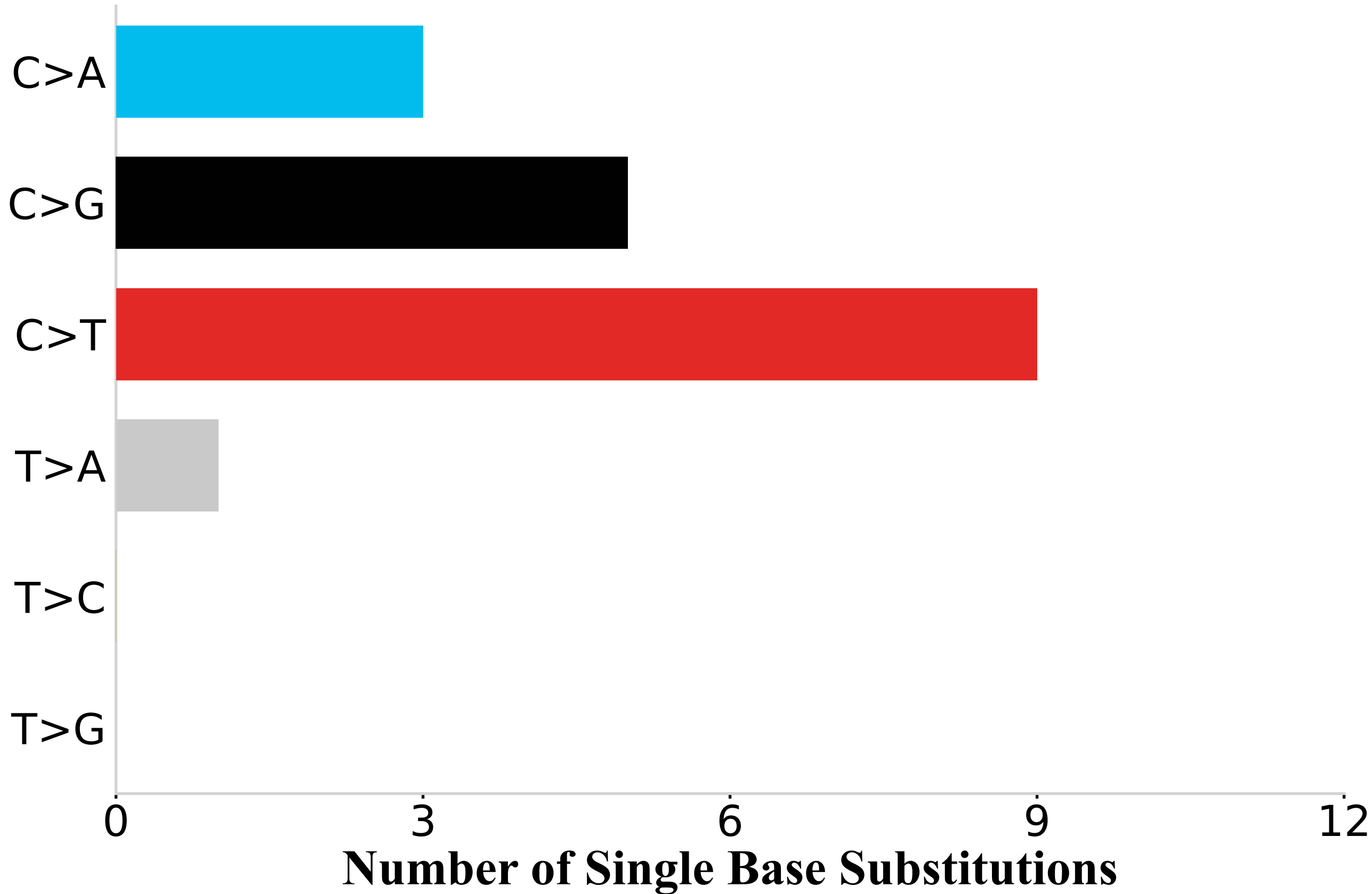
Number of Single Base Substitutions



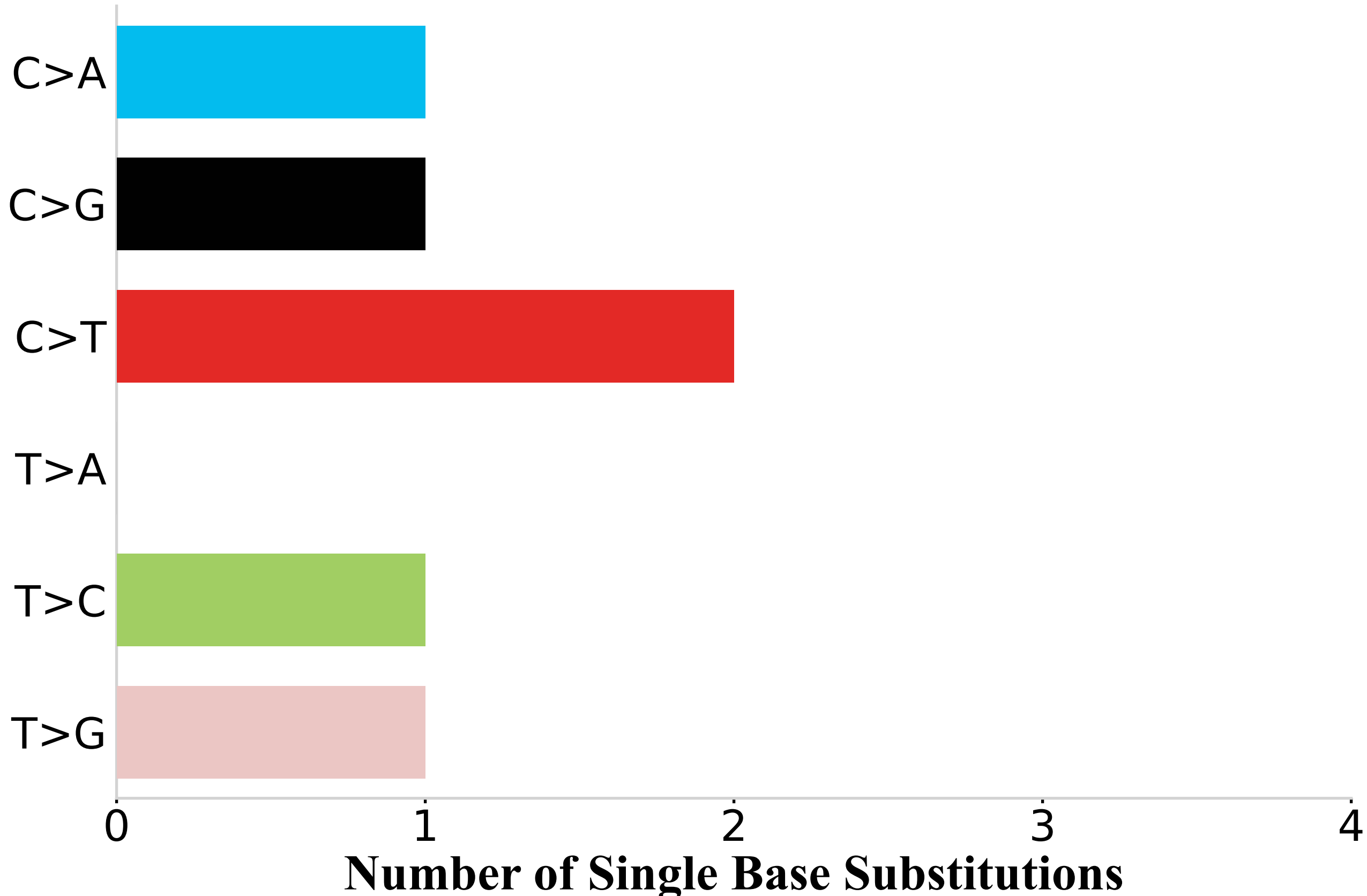
P-0005666-T01-IM5: 9 subs



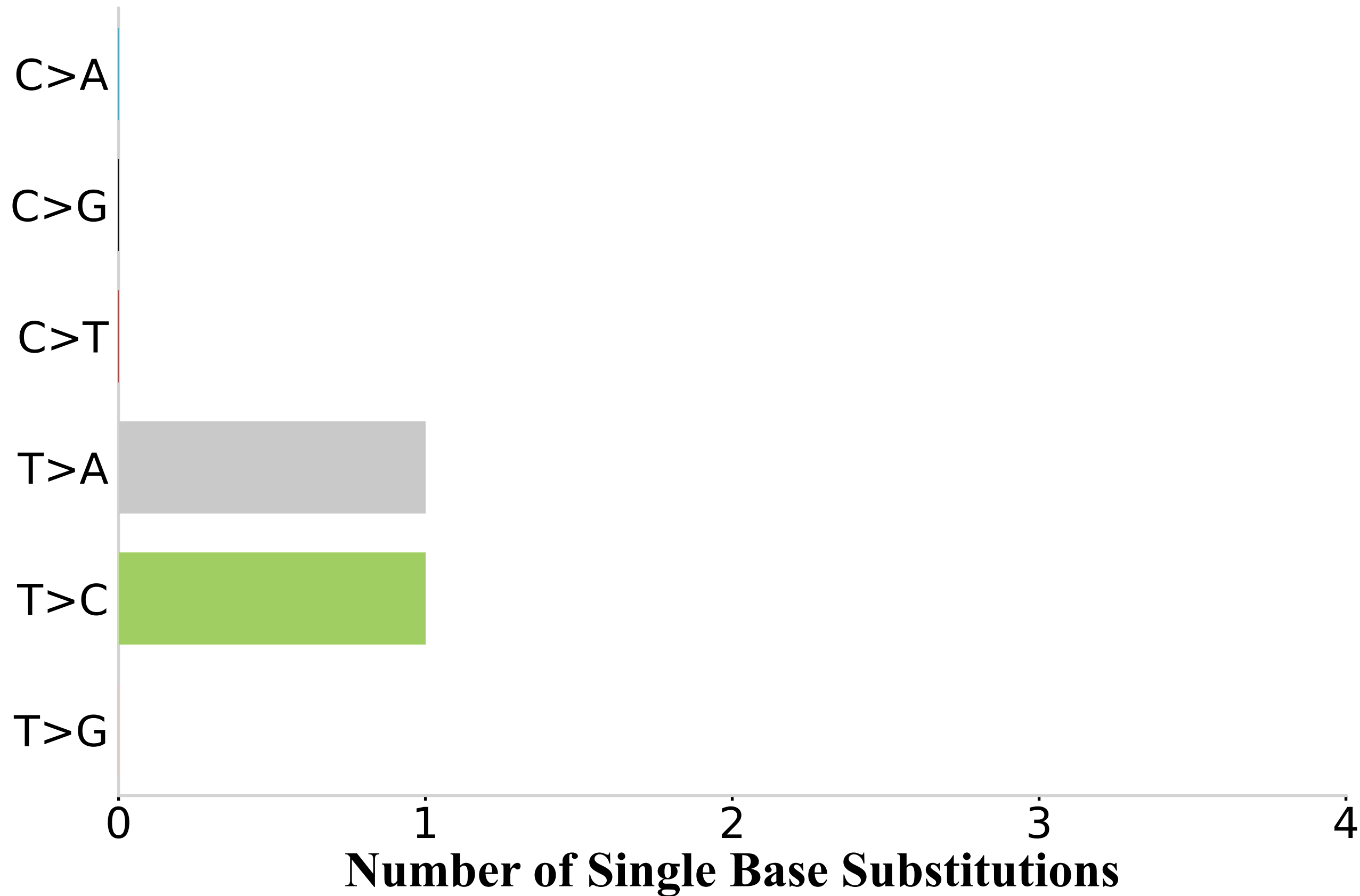
P-0005943-T01-IM5: 18 subs



P-0005968-T01-IM5: 6 subs



P-0006051-T01-IM5: 2 subs



P-0006166-T01-IM5: 14 subs

C>A

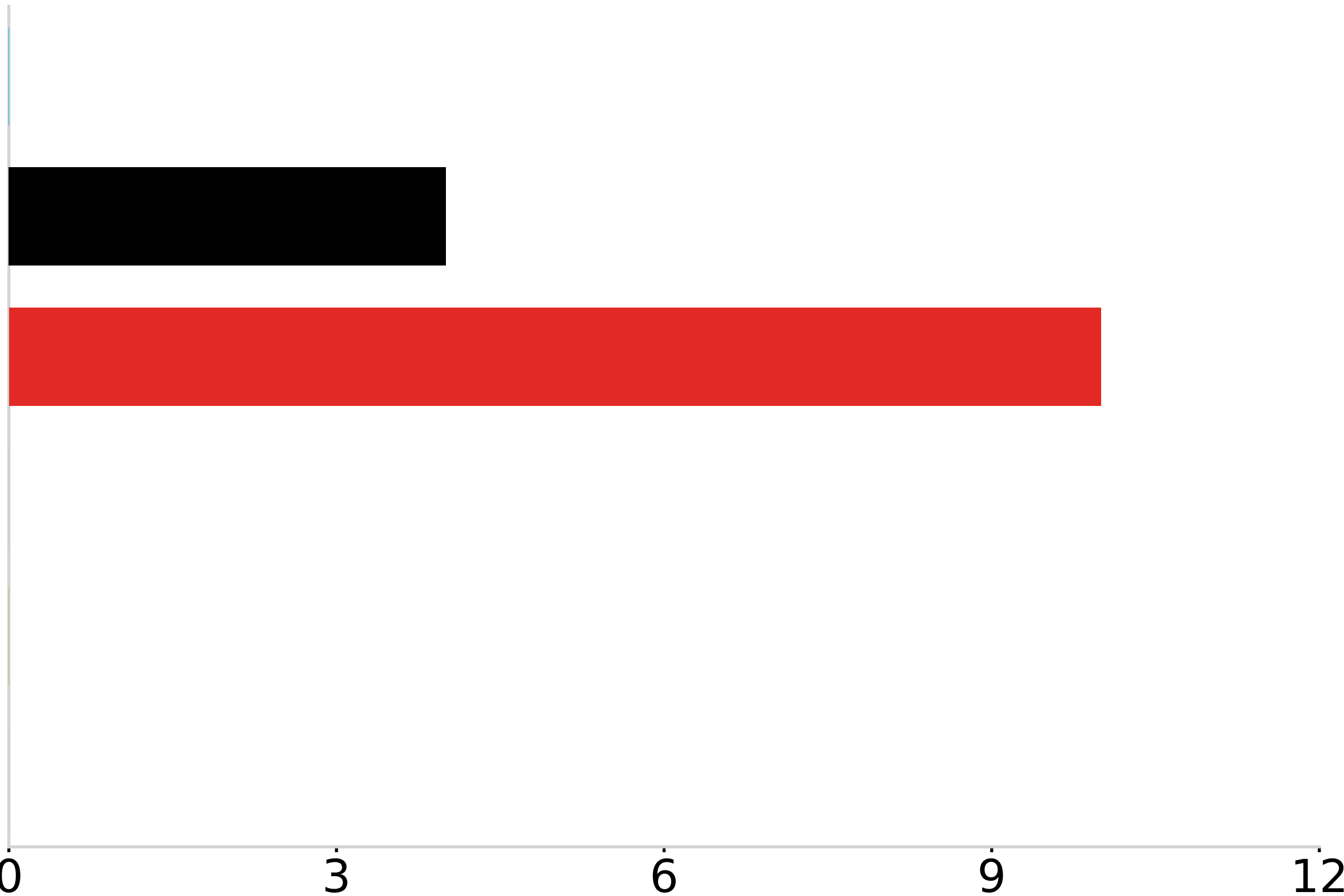
C>G

C>T

T>A

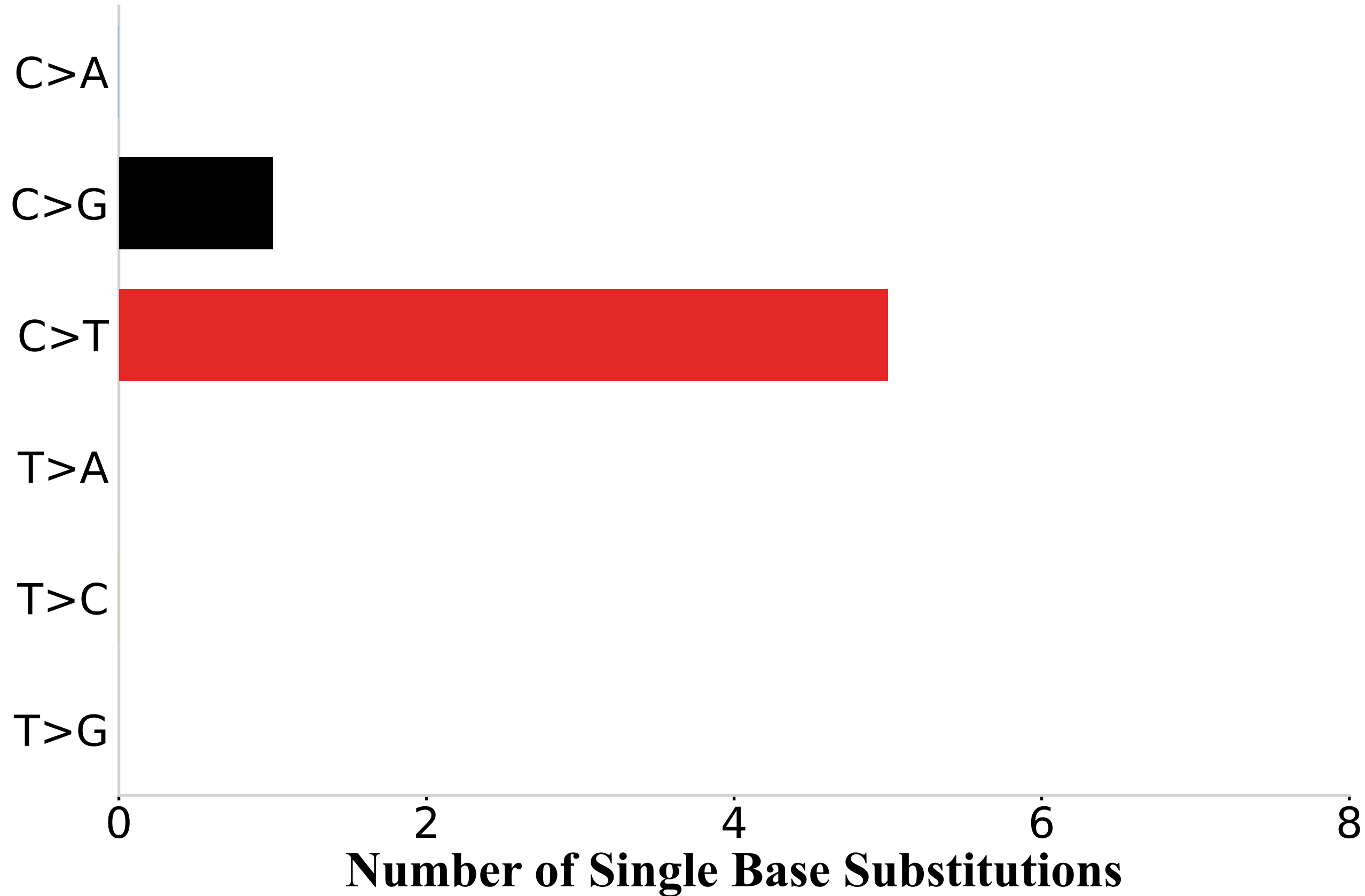
T>C

T>G

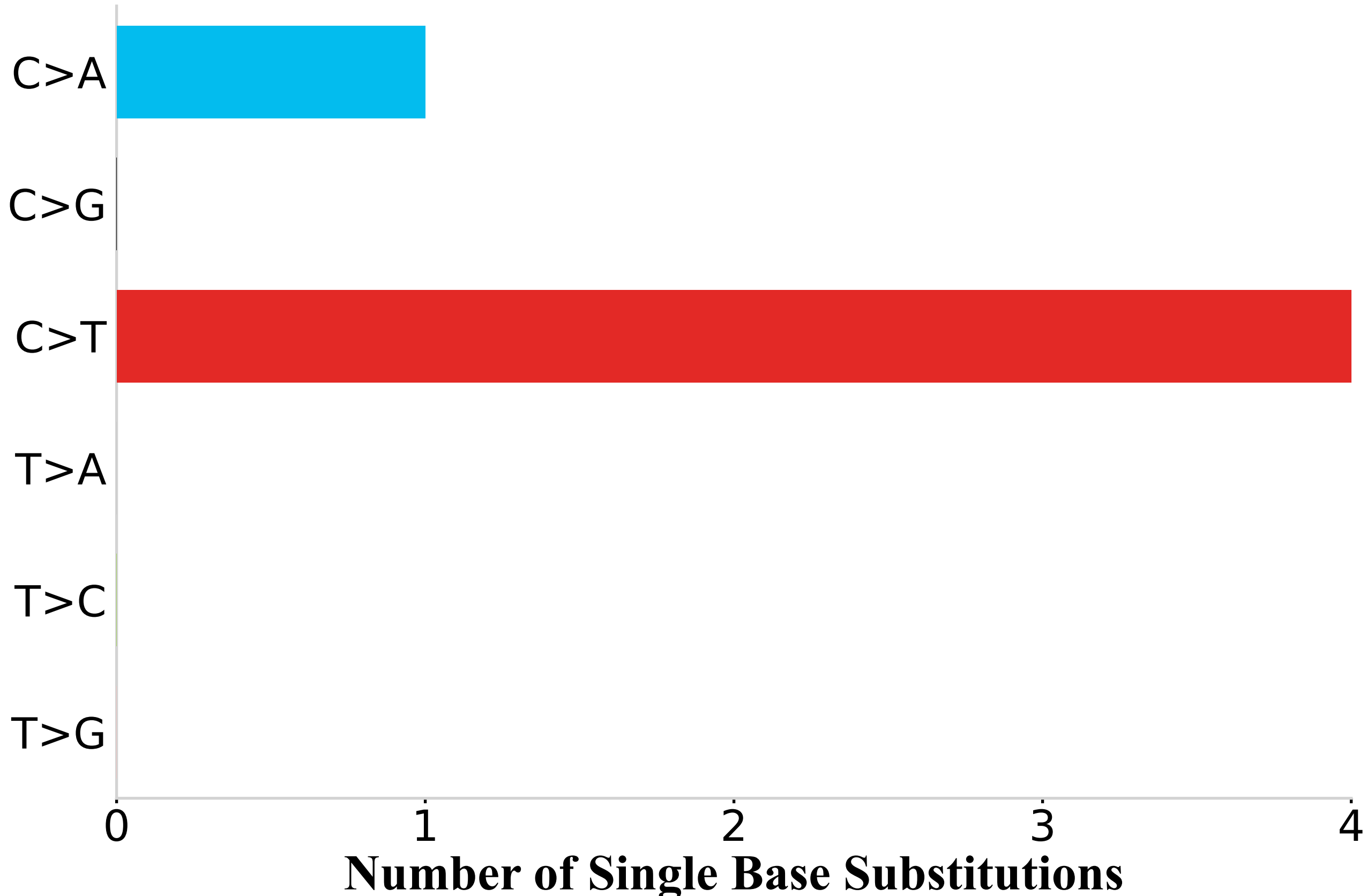


Number of Single Base Substitutions

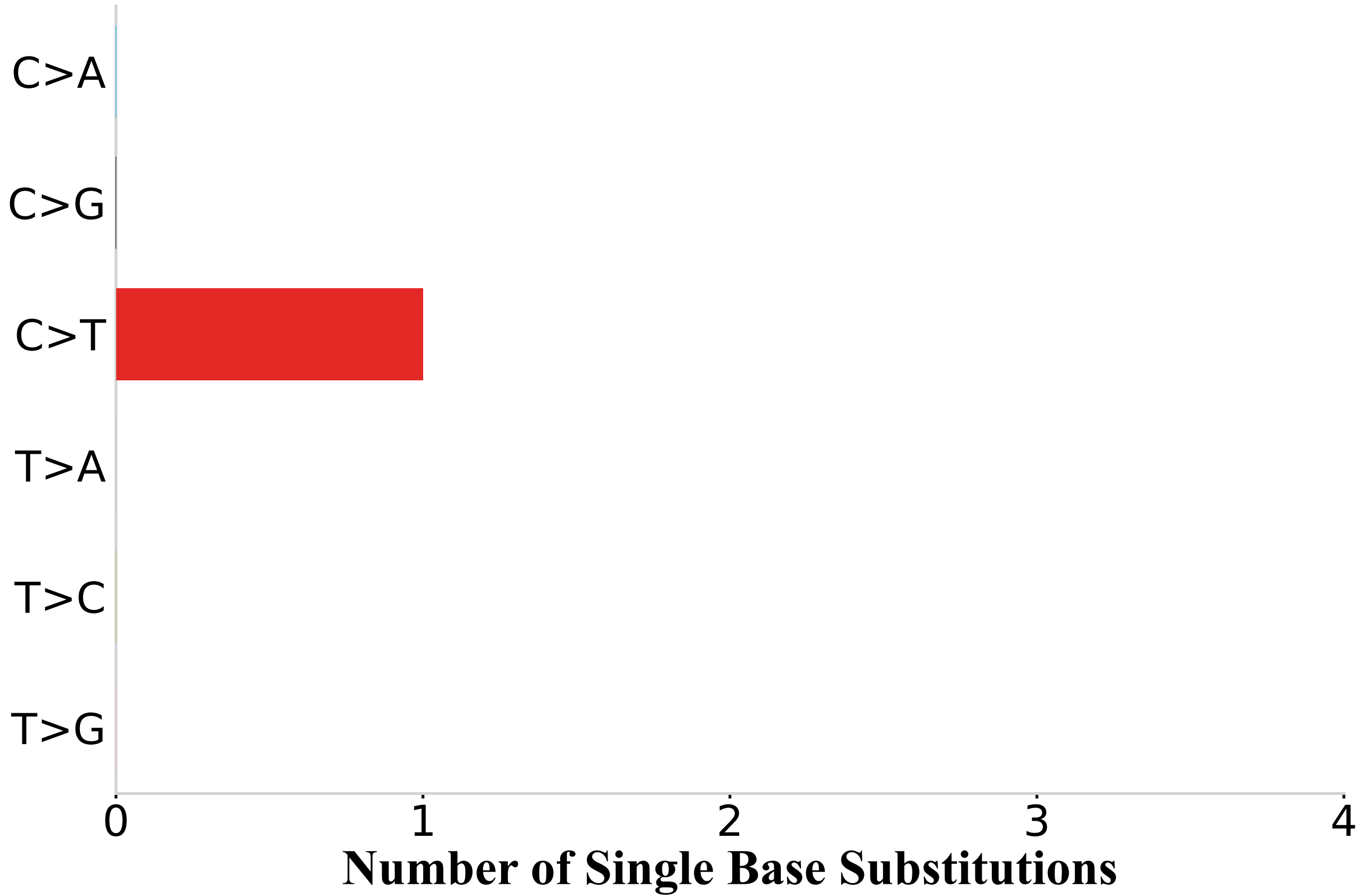
P-0006227-T01-IM5: 6 subs



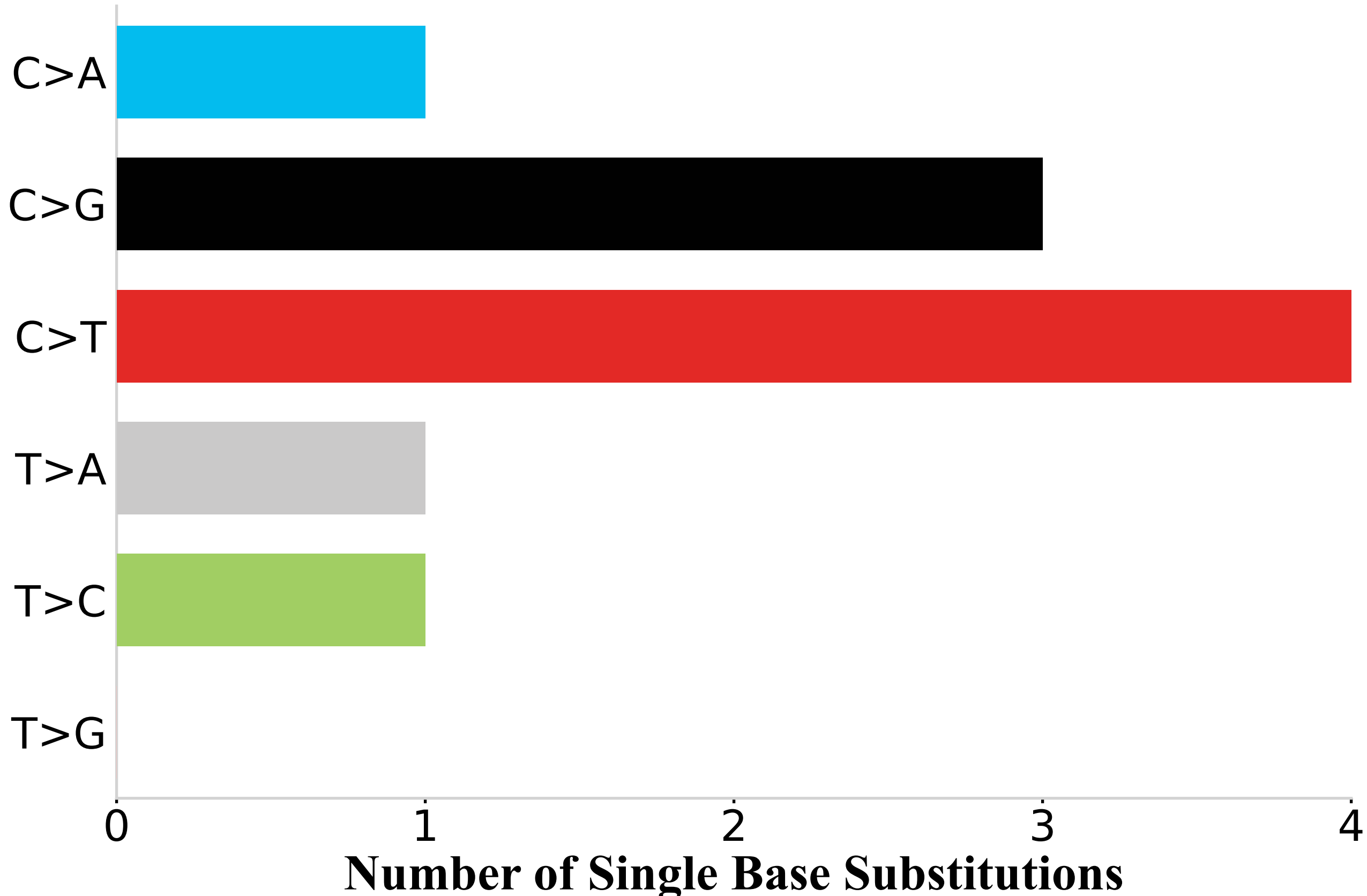
P-0006315-T01-IM5: 5 subs



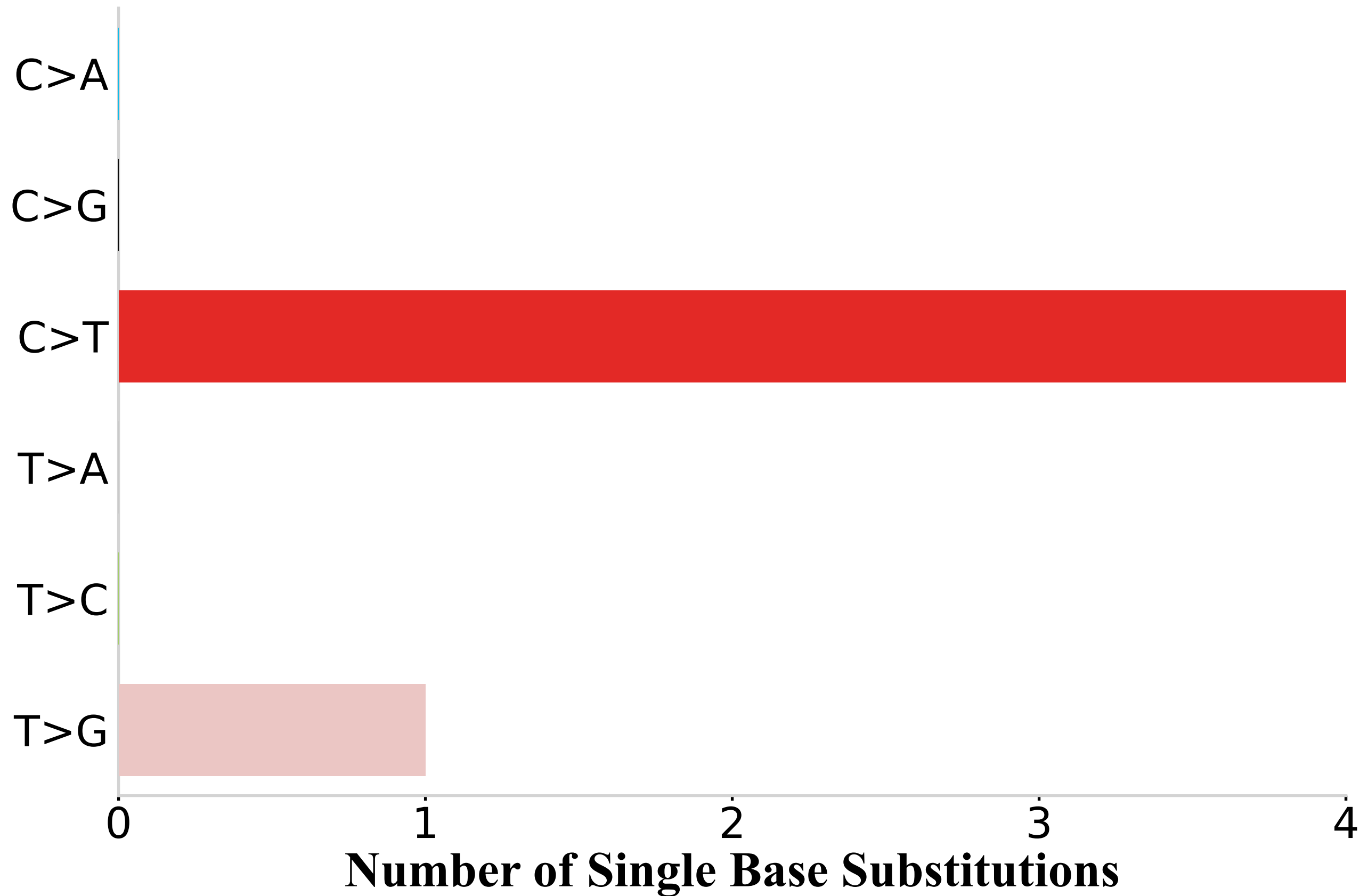
P-0006348-T01-IM5: 1 subs



P-0006355-T01-IM5: 10 subs



P-0006424-T03-IM6: 5 subs



P-0006447-T01-IM5: 0 subs

C>A

C>G

C>T

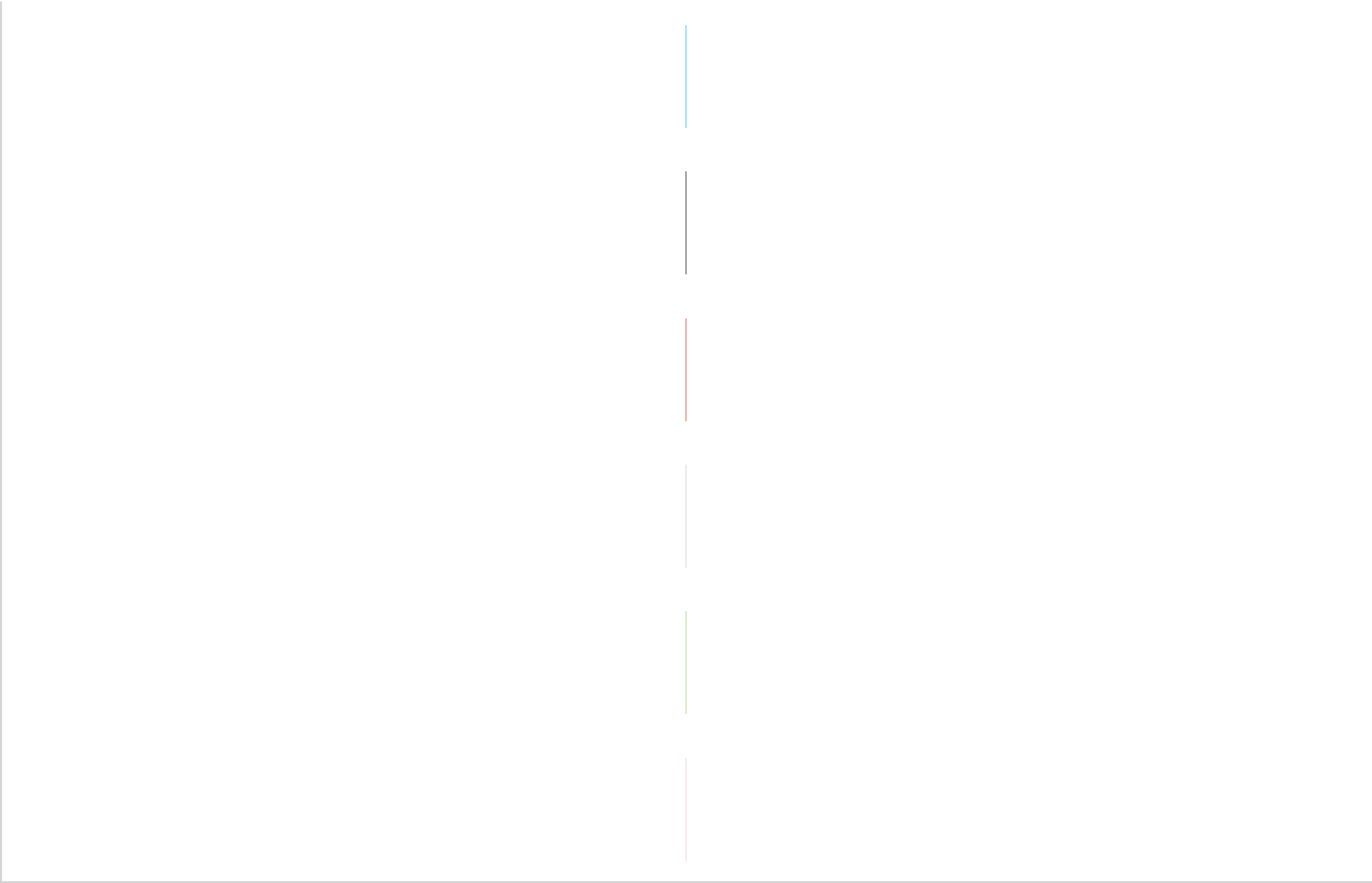
T>A

T>C

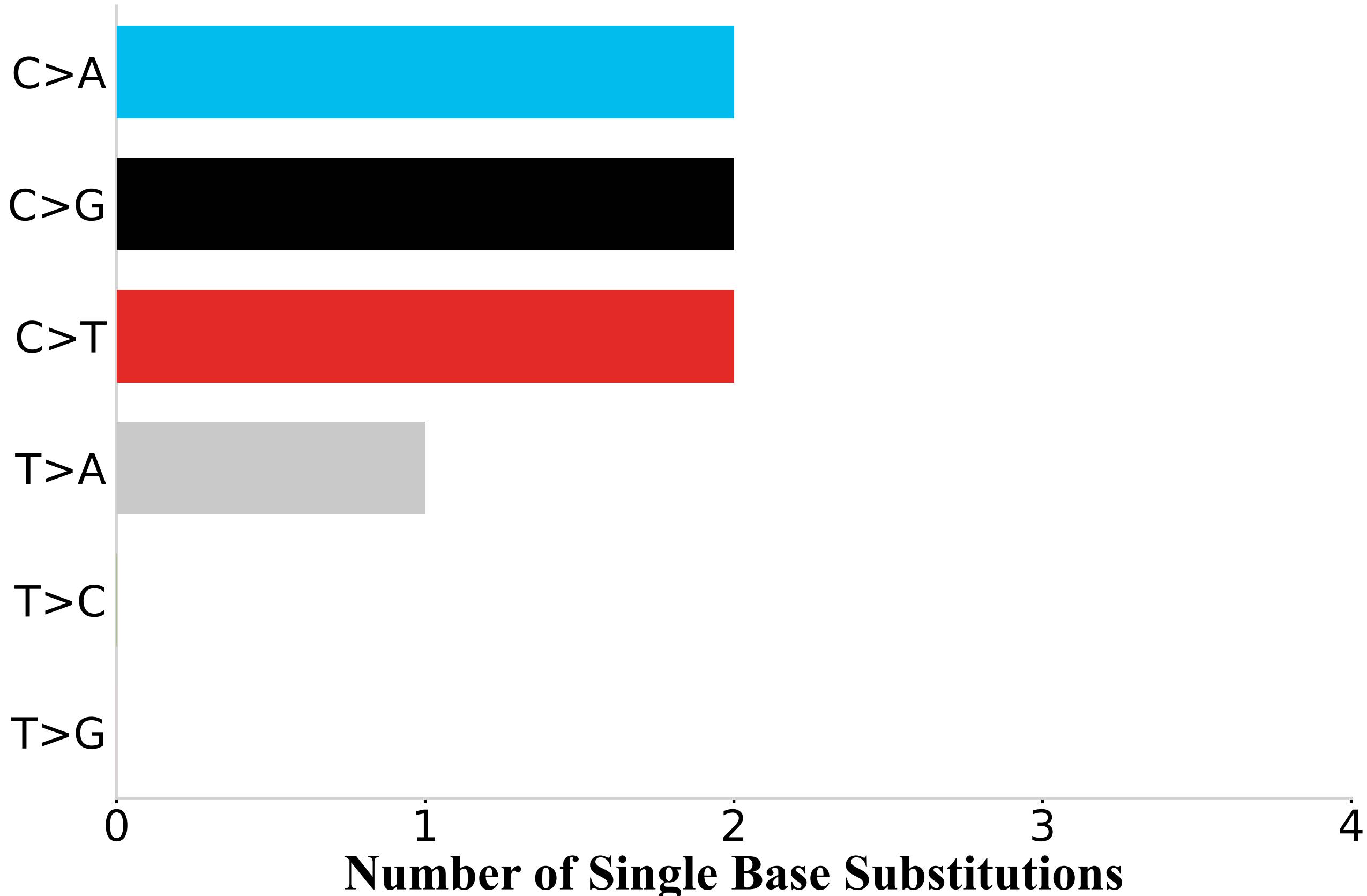
T>G

0

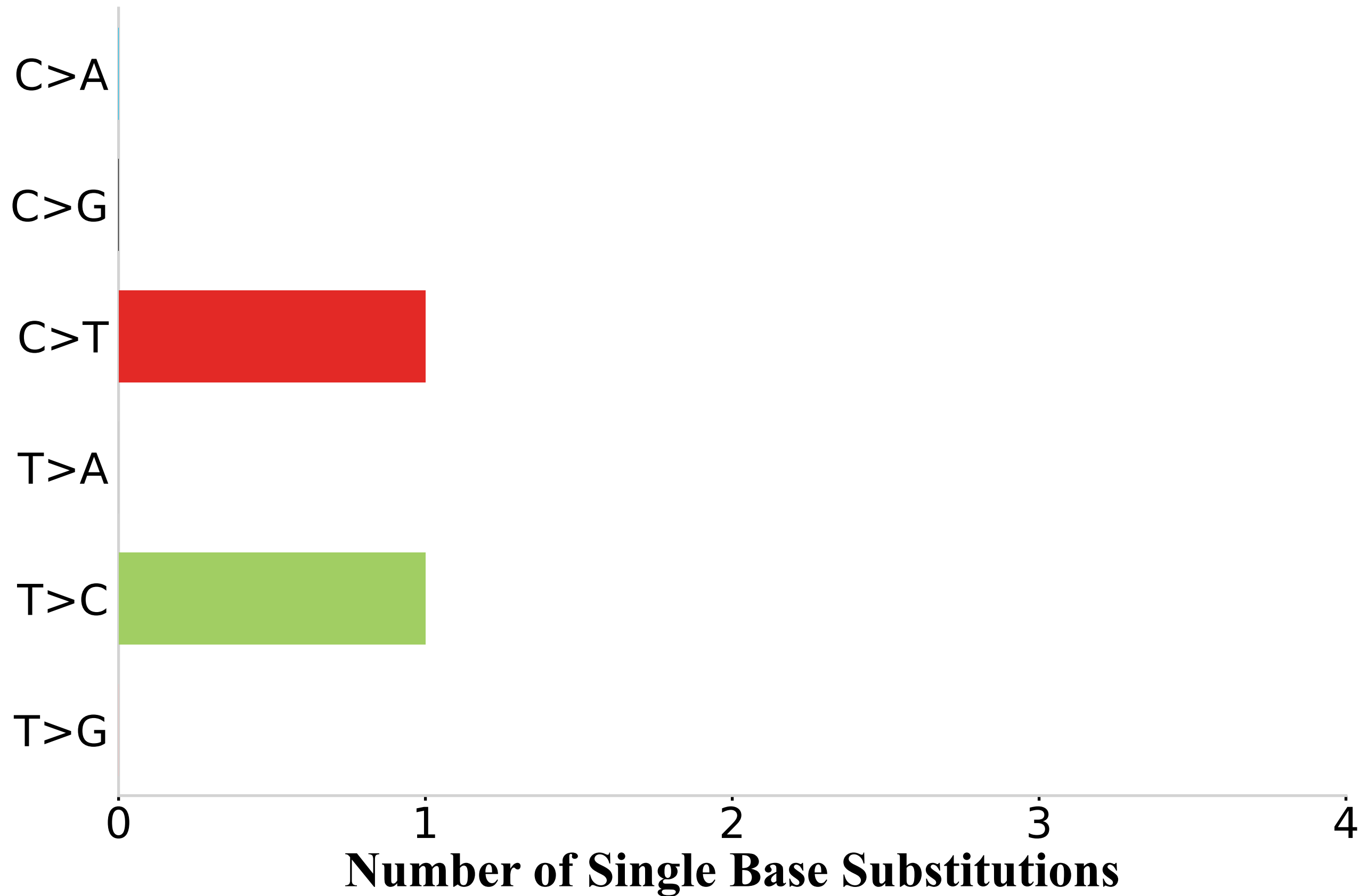
Number of Single Base Substitutions



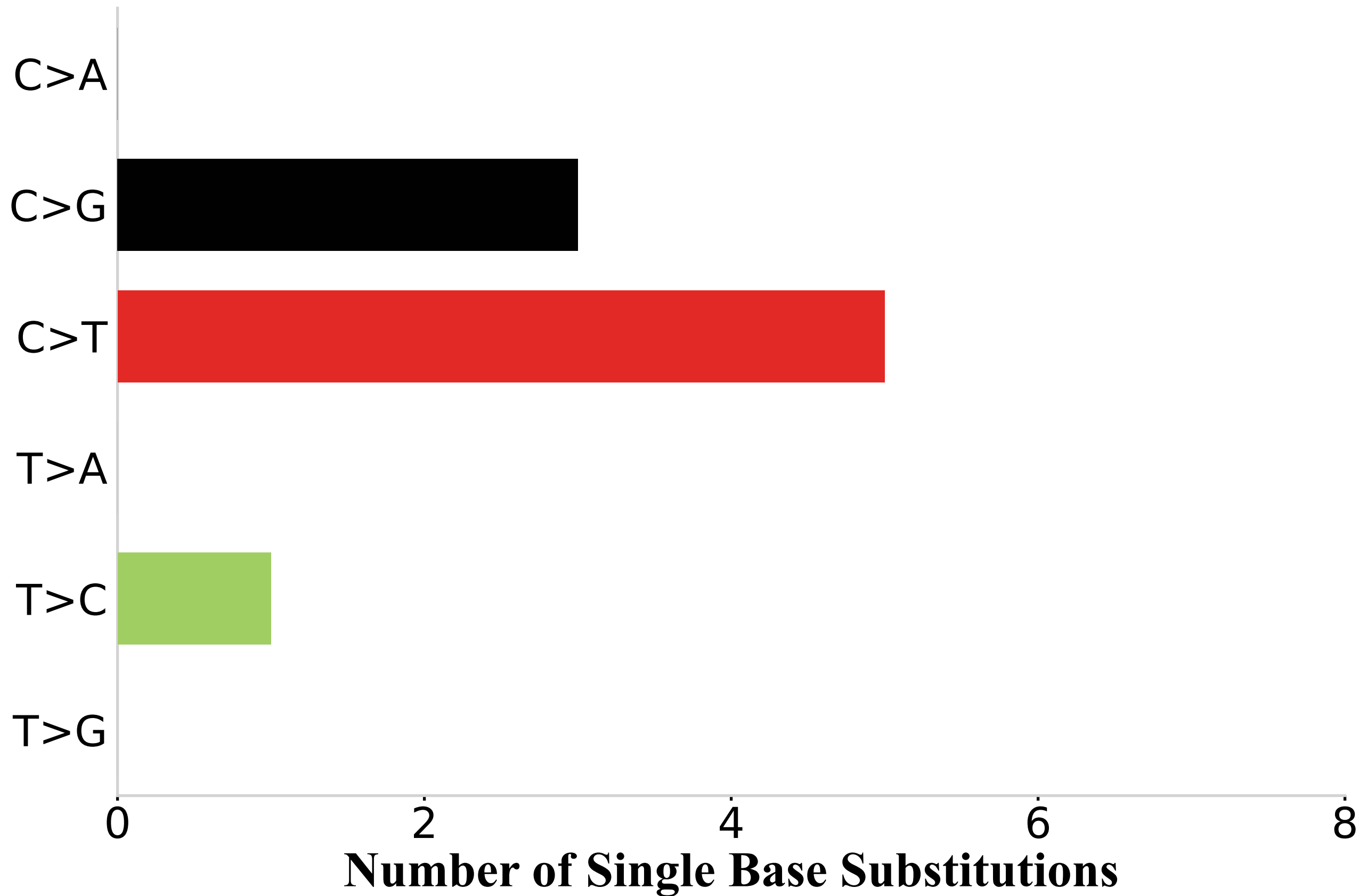
P-0006489-T01-IM5: 7 subs



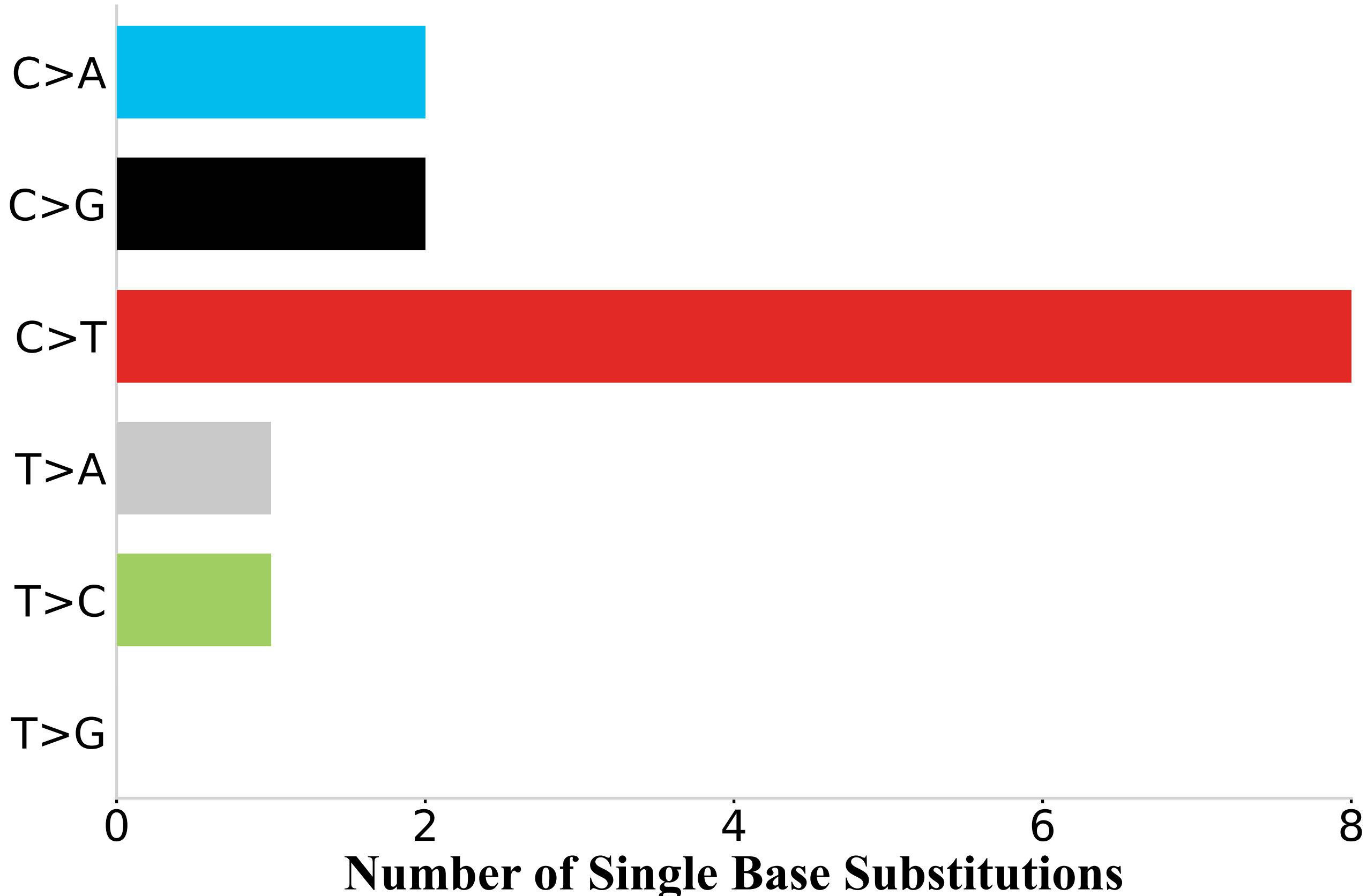
P-0006631-T02-IM5: 2 subs



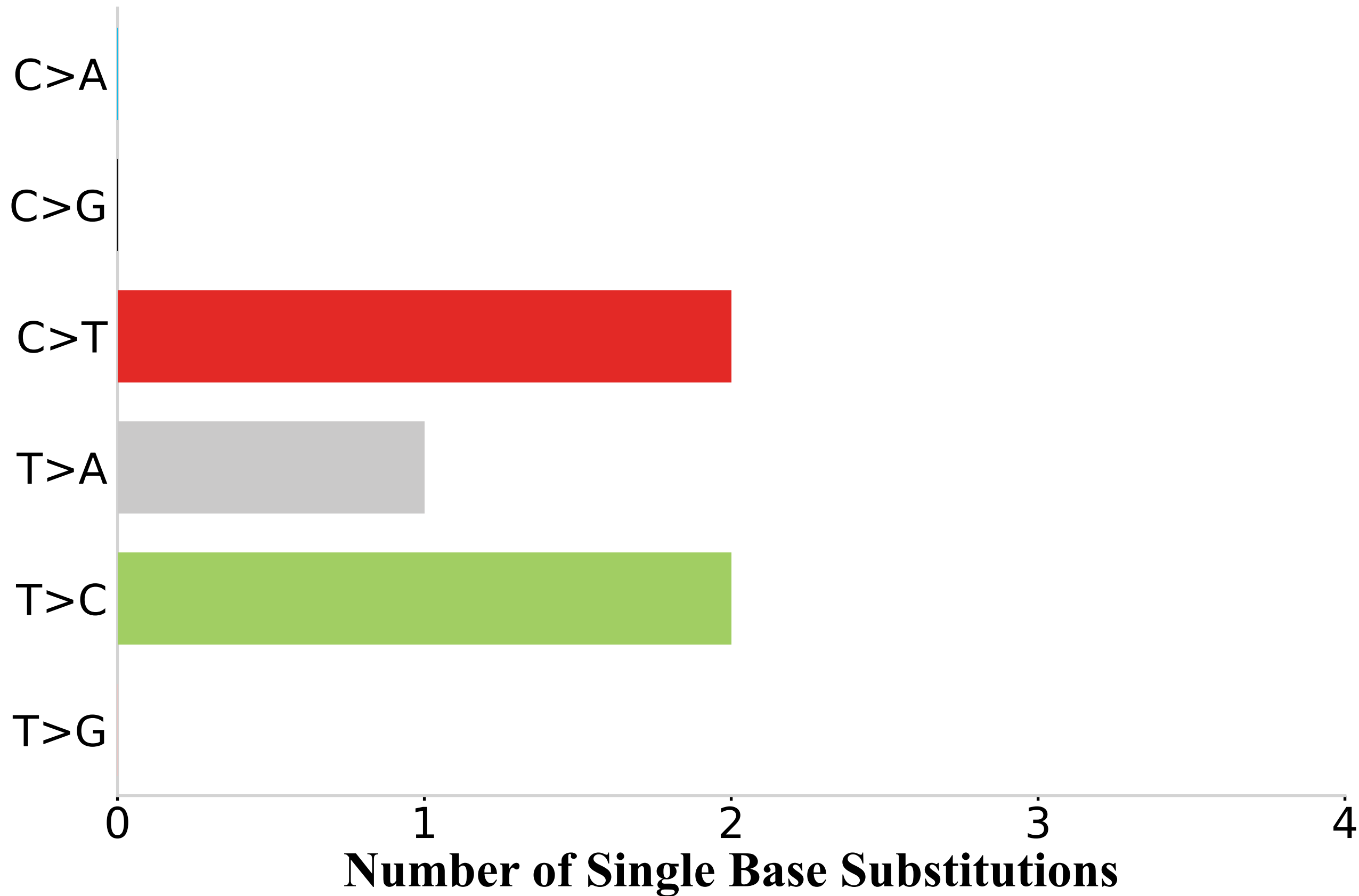
P-0006723-T01-IM5: 9 subs



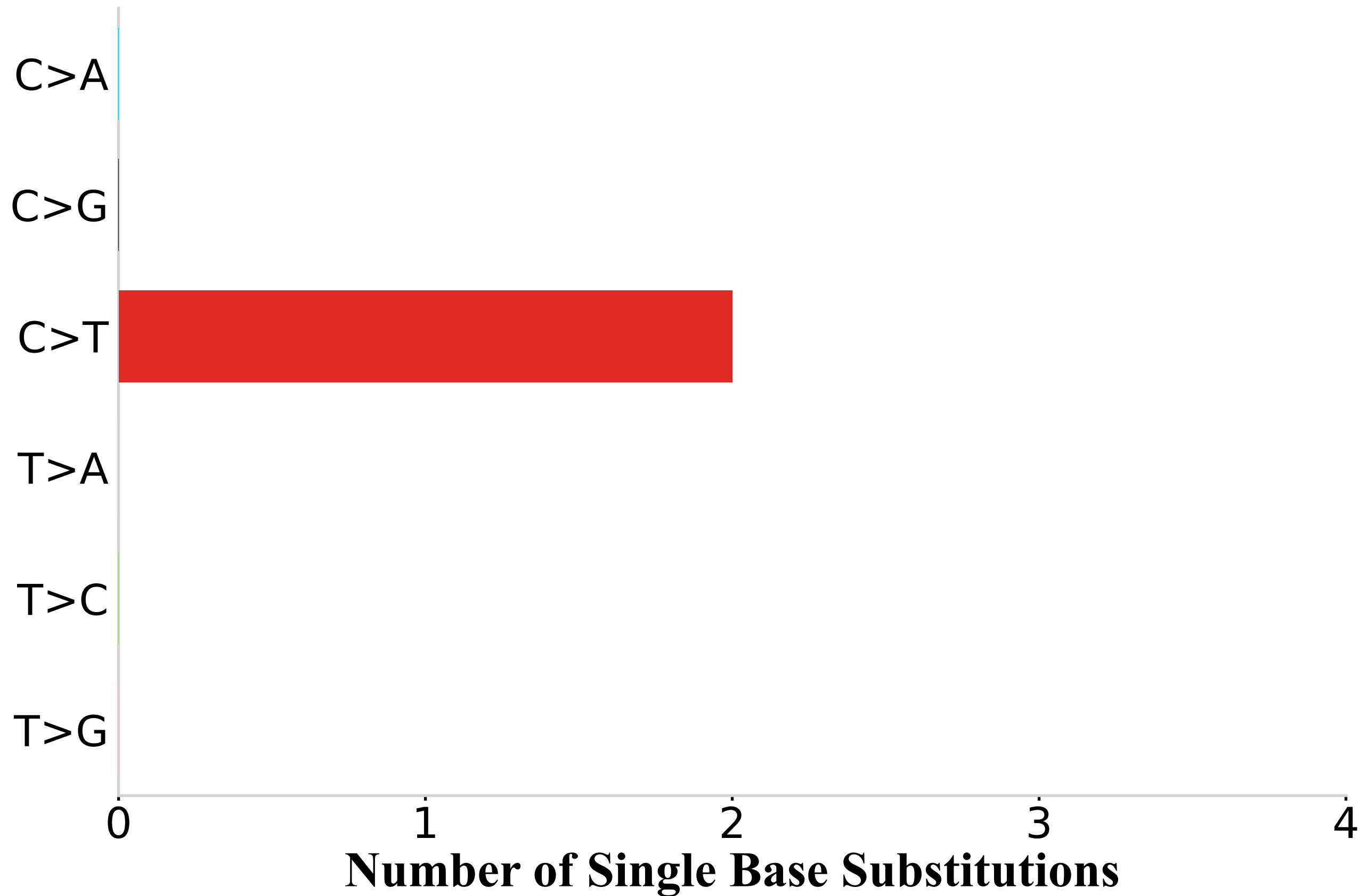
P-0006787-T01-IM5: 14 subs



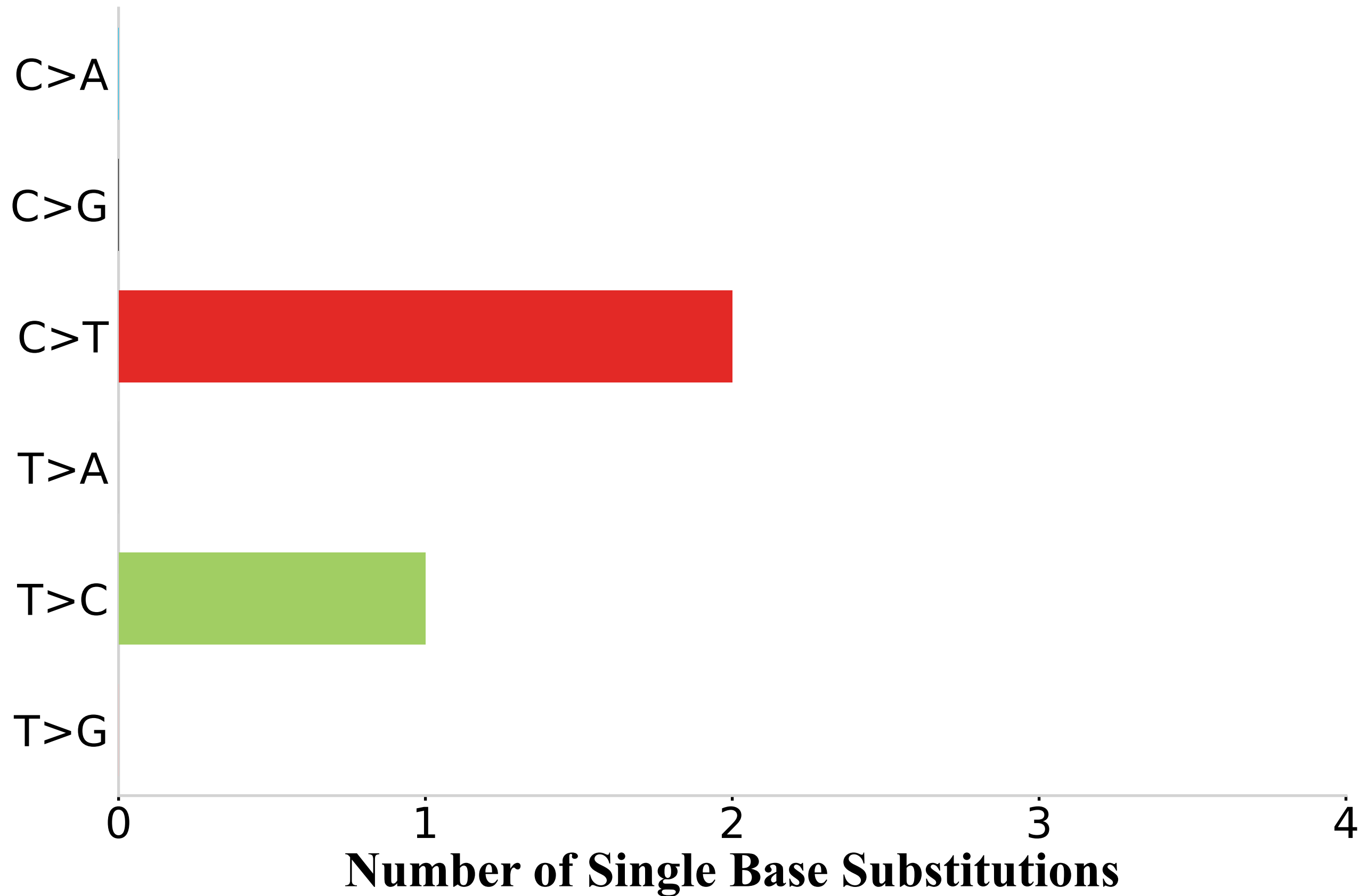
P-0006910-T02-IM6: 5 subs



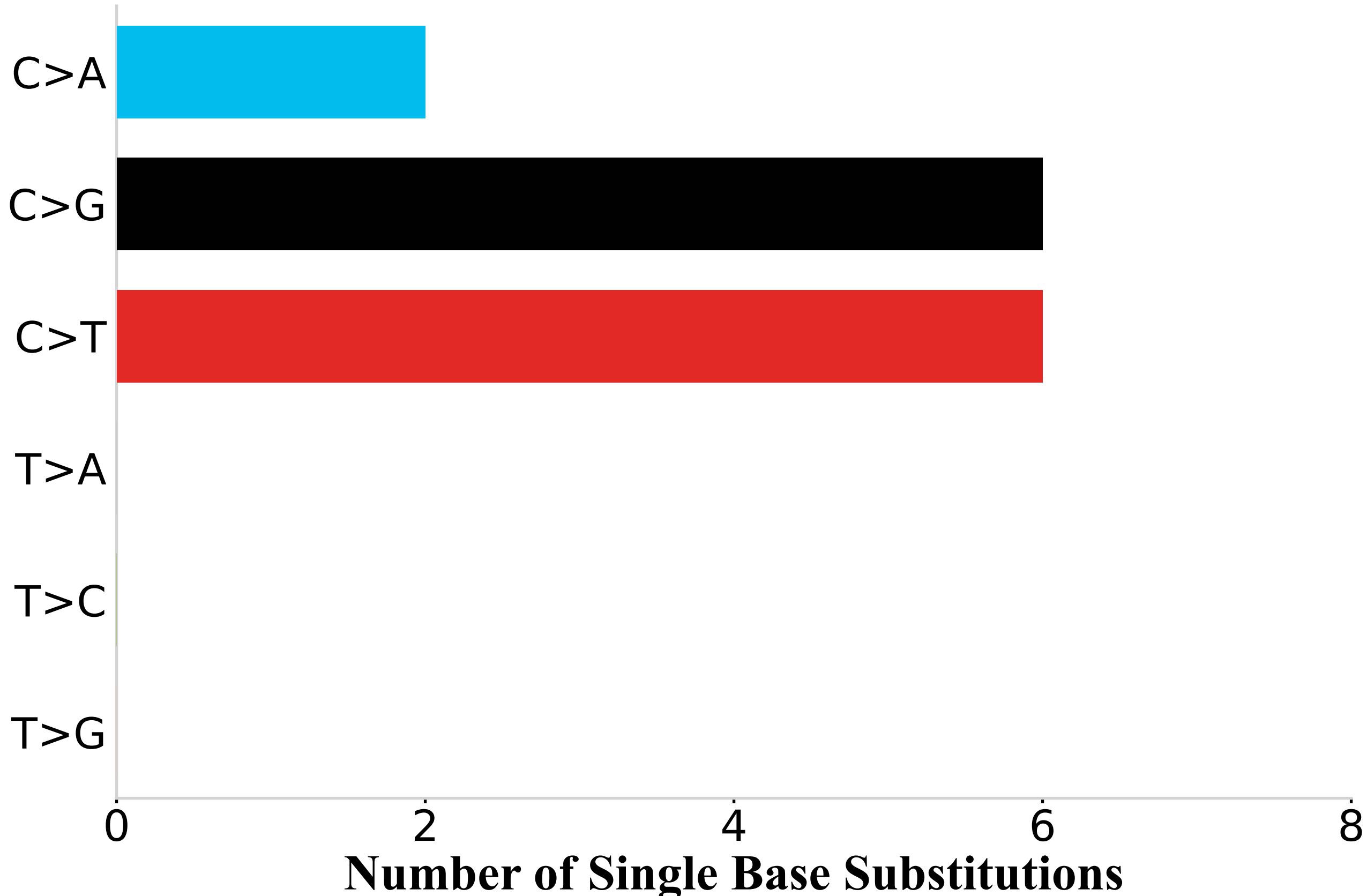
P-0006937-T01-IM5: 2 subs



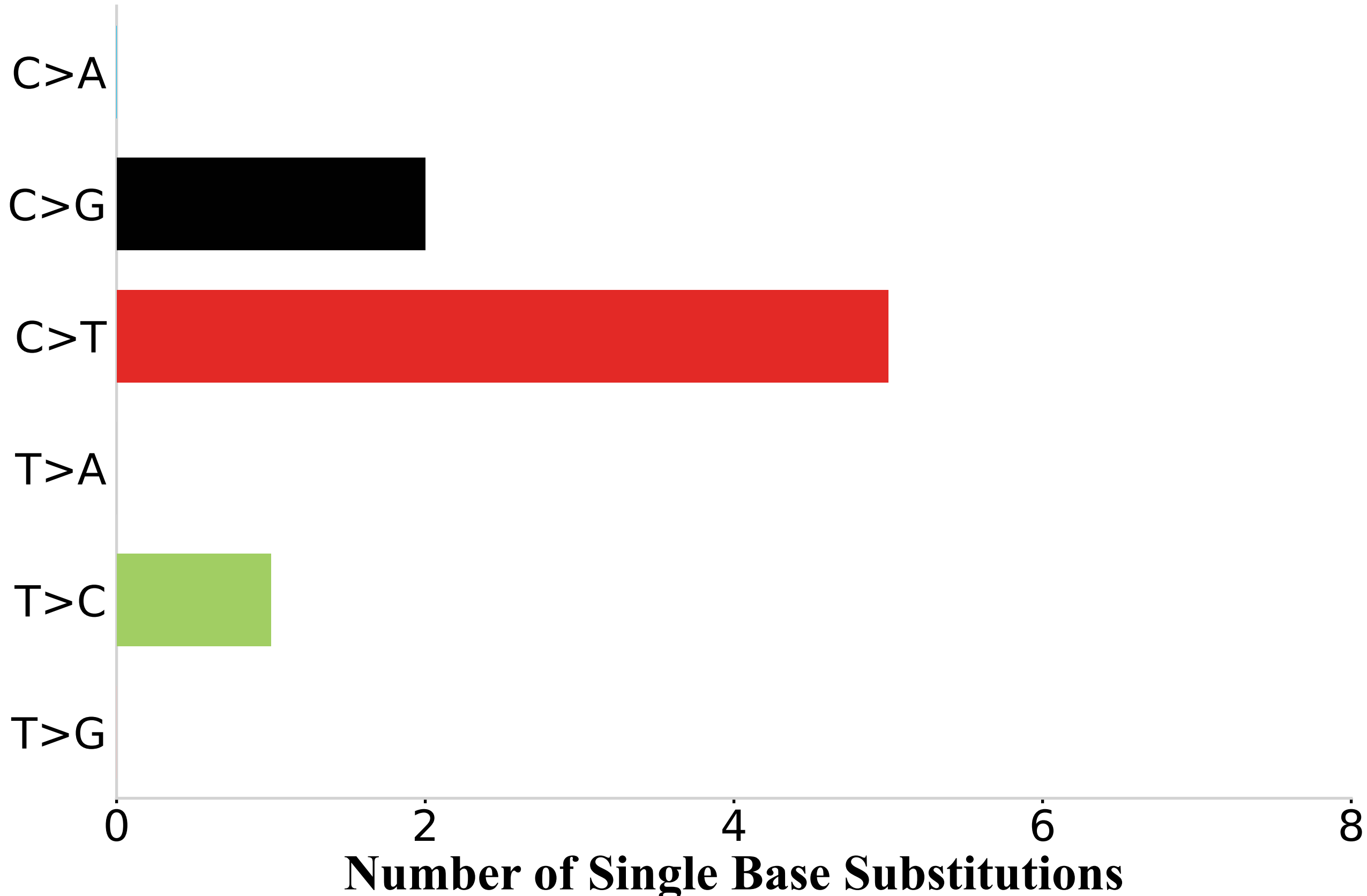
P-0007100-T01-IM5: 3 subs



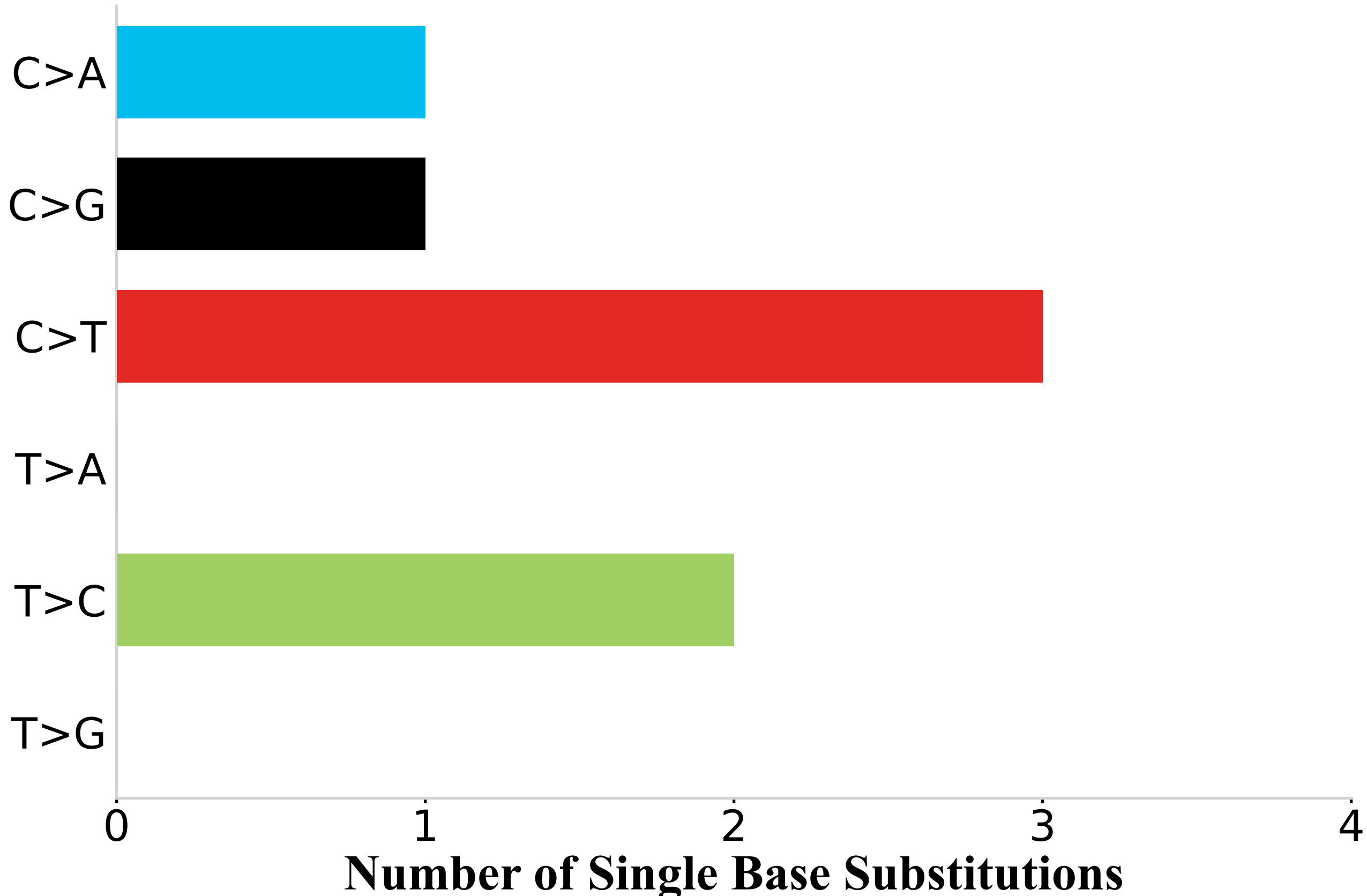
P-0007129-T02-IM5: 14 subs



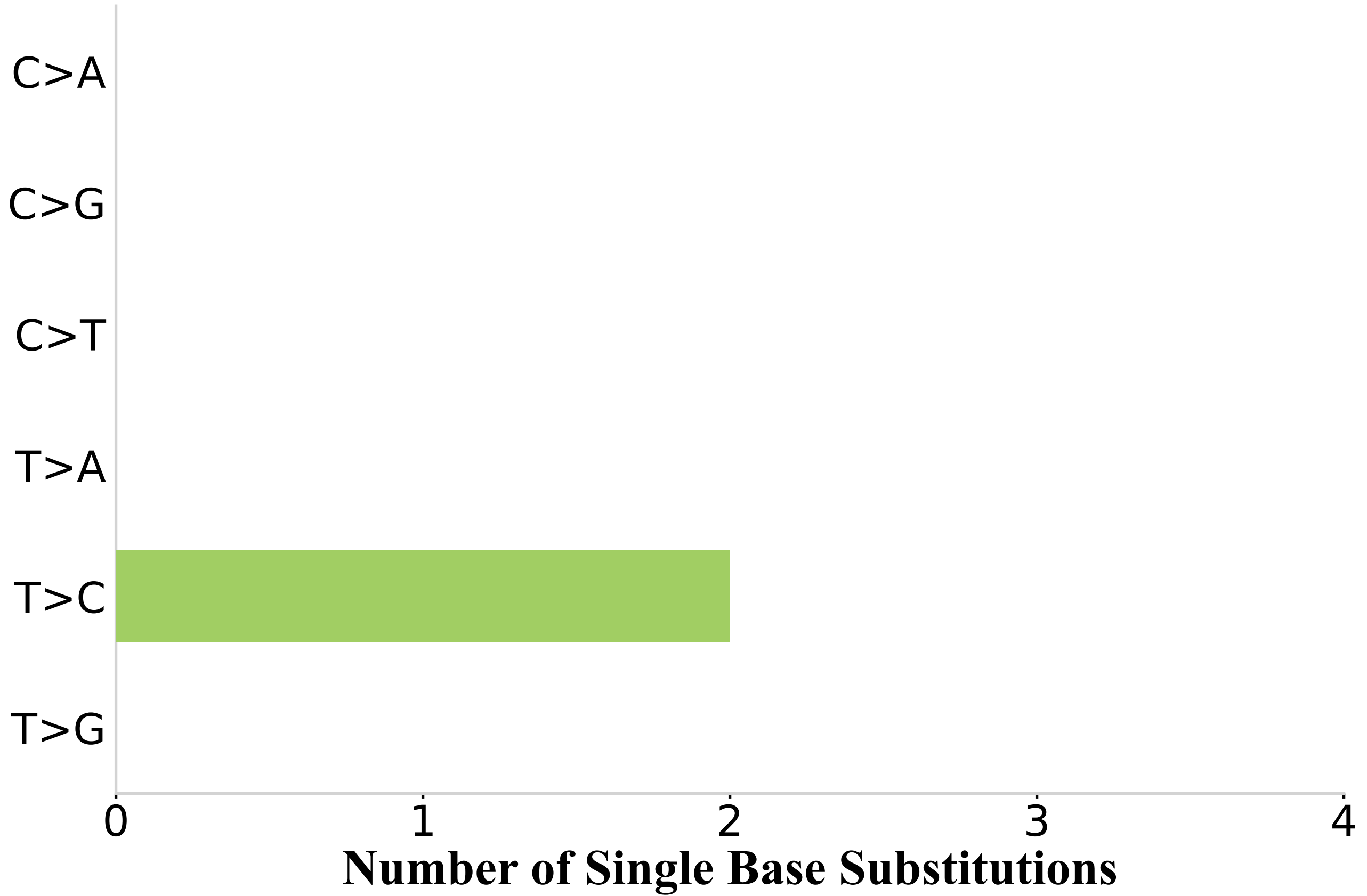
P-0007282-T01-IM5: 8 subs



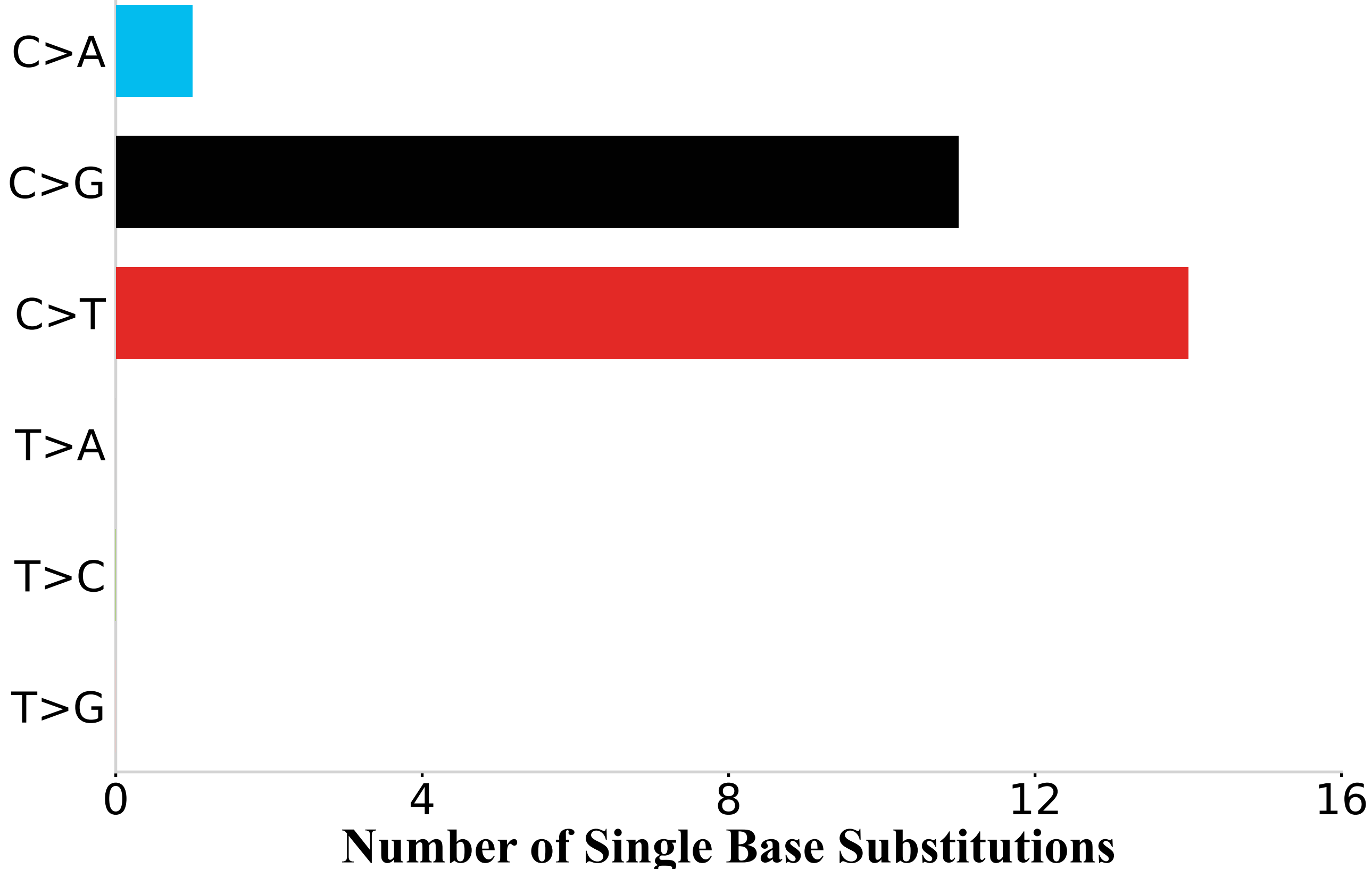
P-0007559-T01-IM5: 7 subs



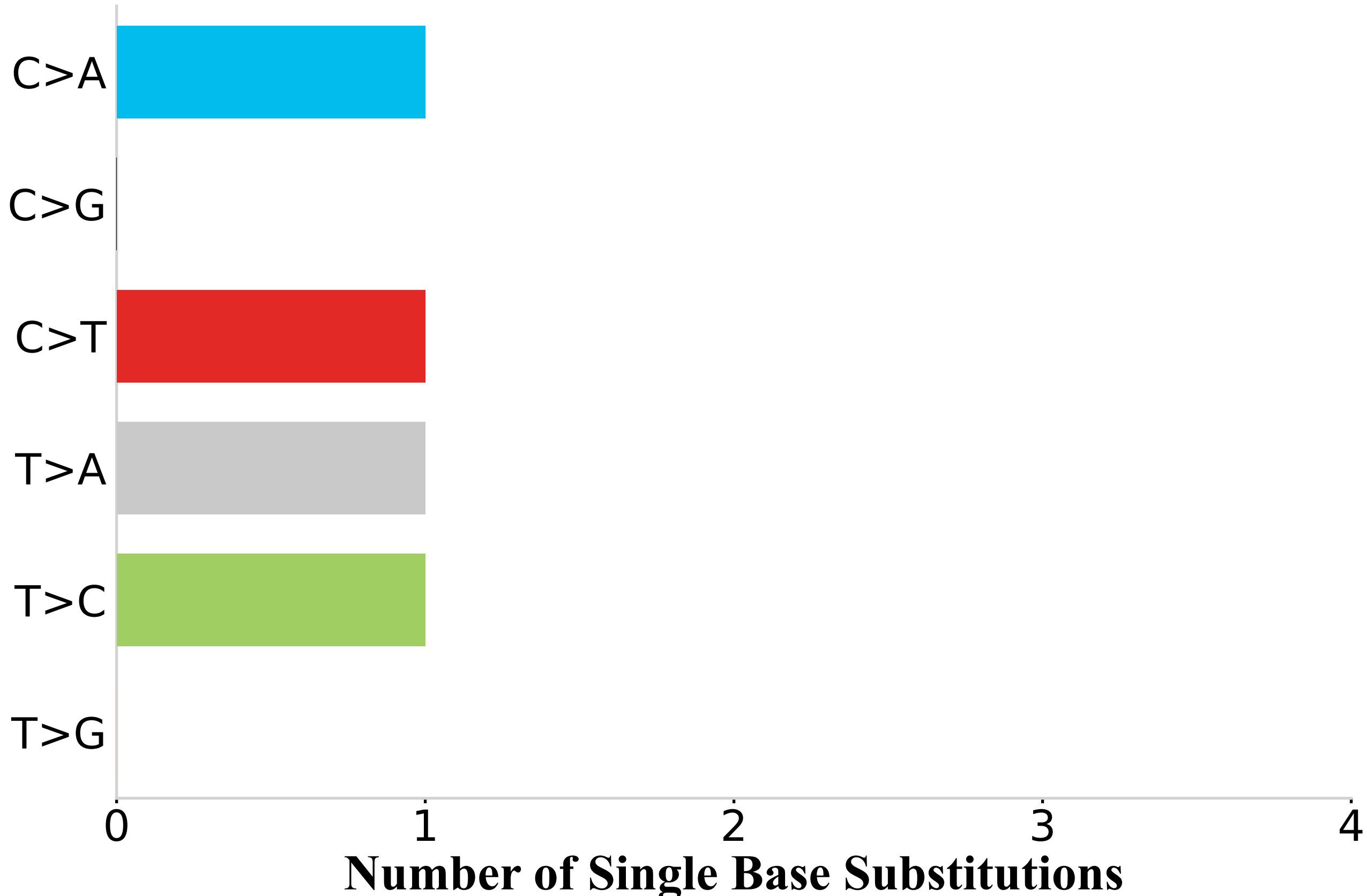
P-0007566-T01-IM5: 2 subs



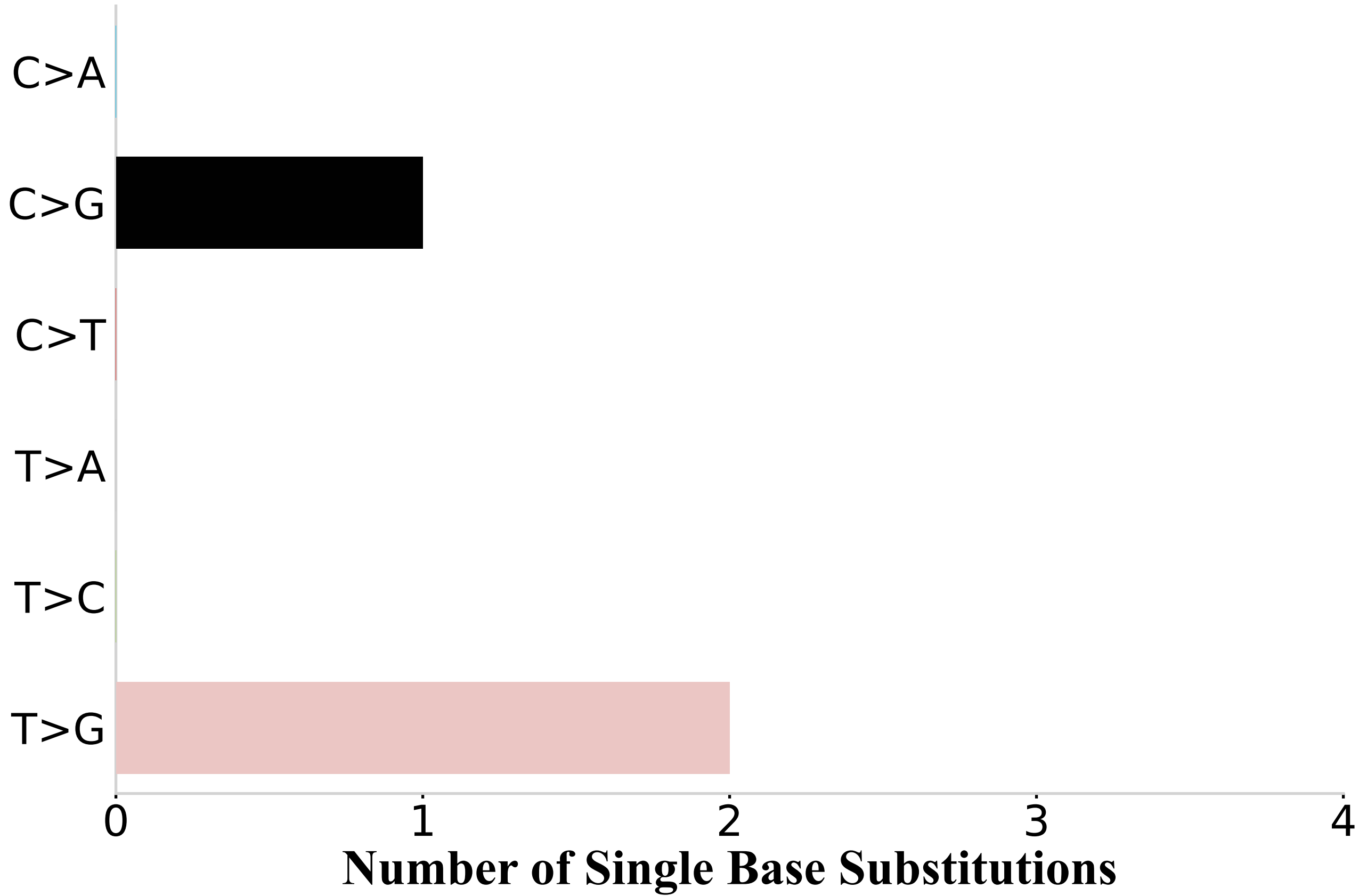
P-0007577-T01-IM5: 26 subs



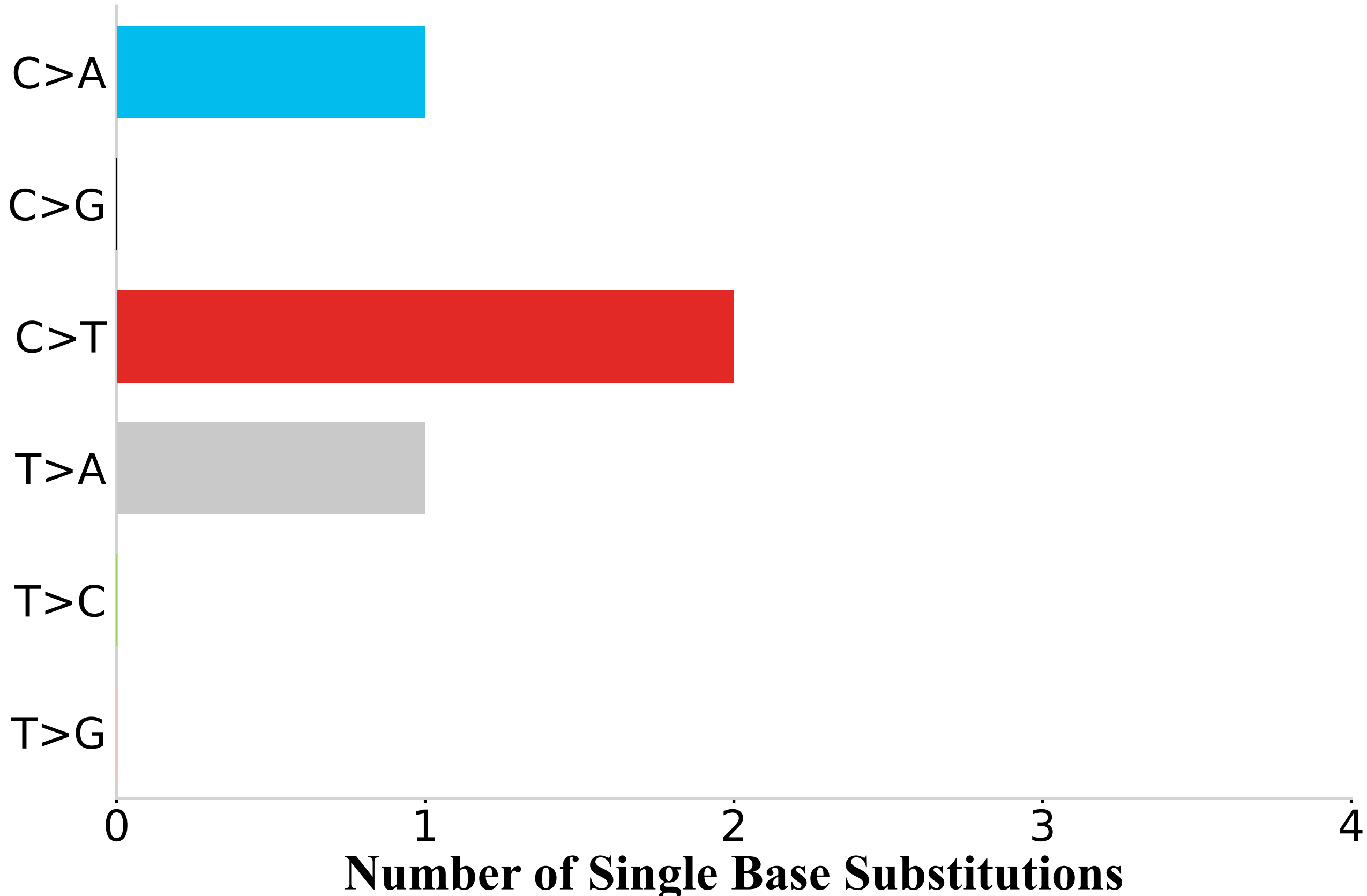
P-0007758-T01-IM5: 4 subs



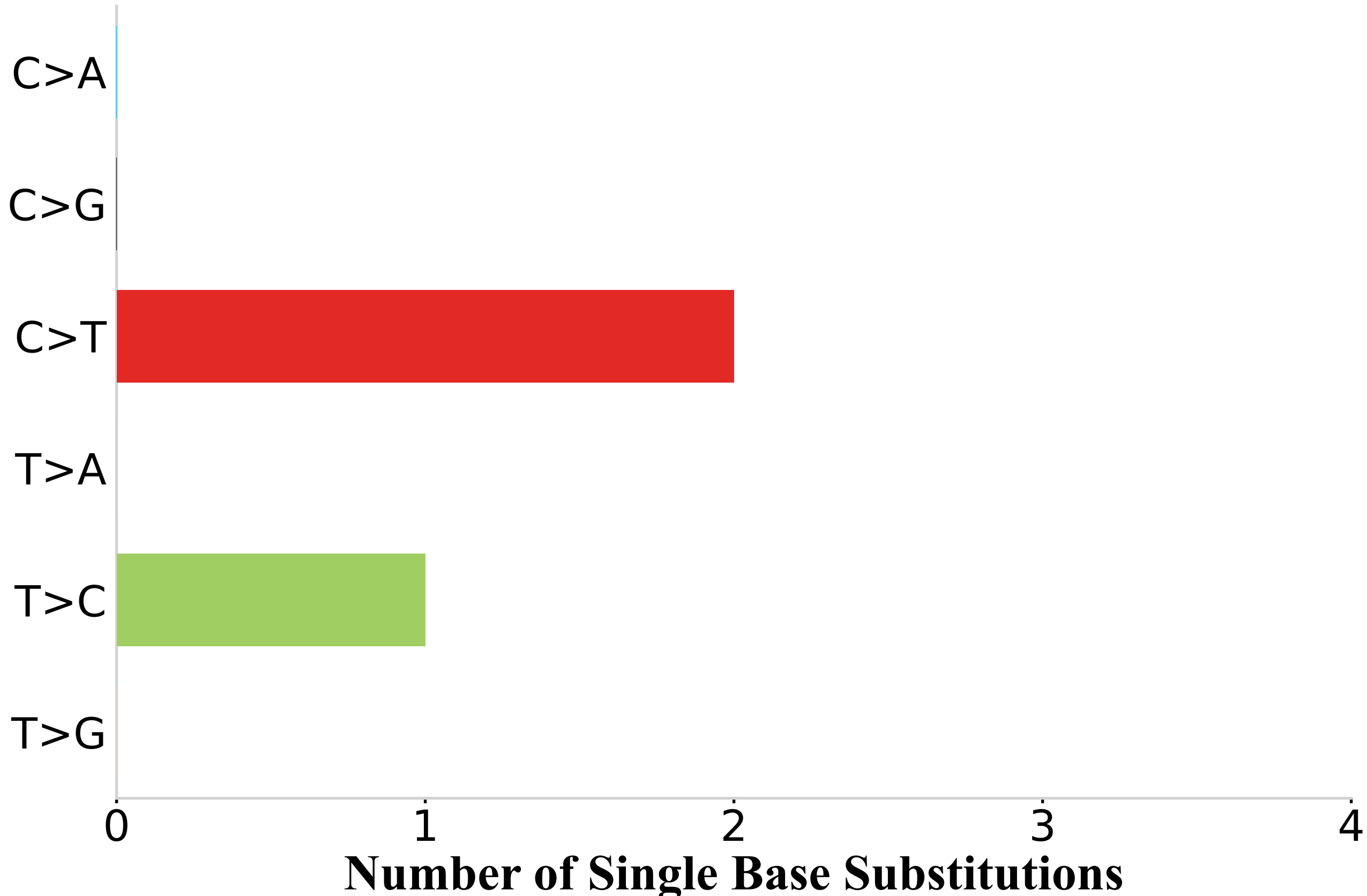
P-0007759-T01-IM5: 3 subs



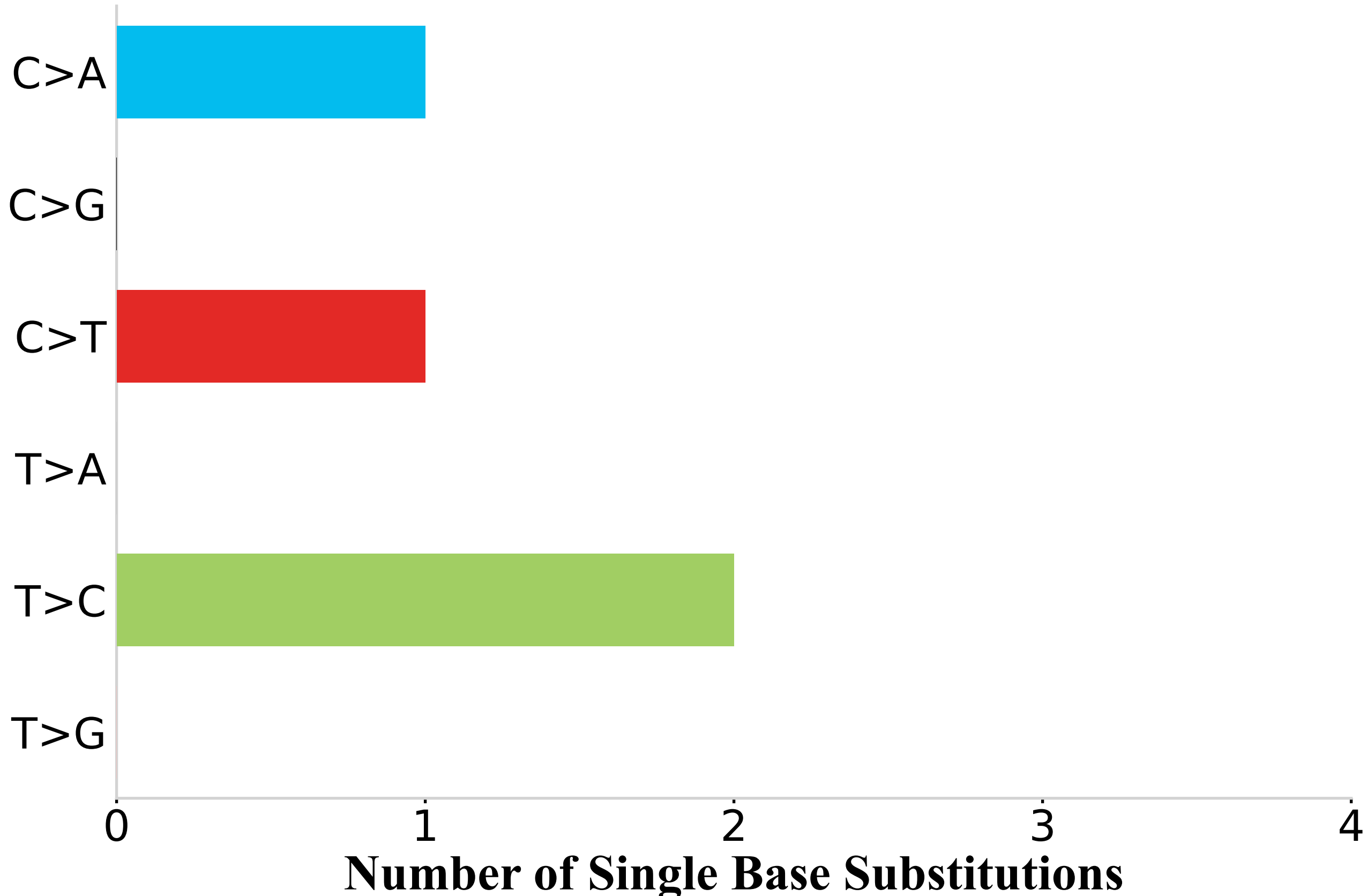
P-0007902-T01-IM5: 4 subs



P-0007988-T01-IM5: 3 subs



P-0008007-T01-IM5: 4 subs



P-0008369-T01-IM5: 0 subs

C>A

C>G

C>T

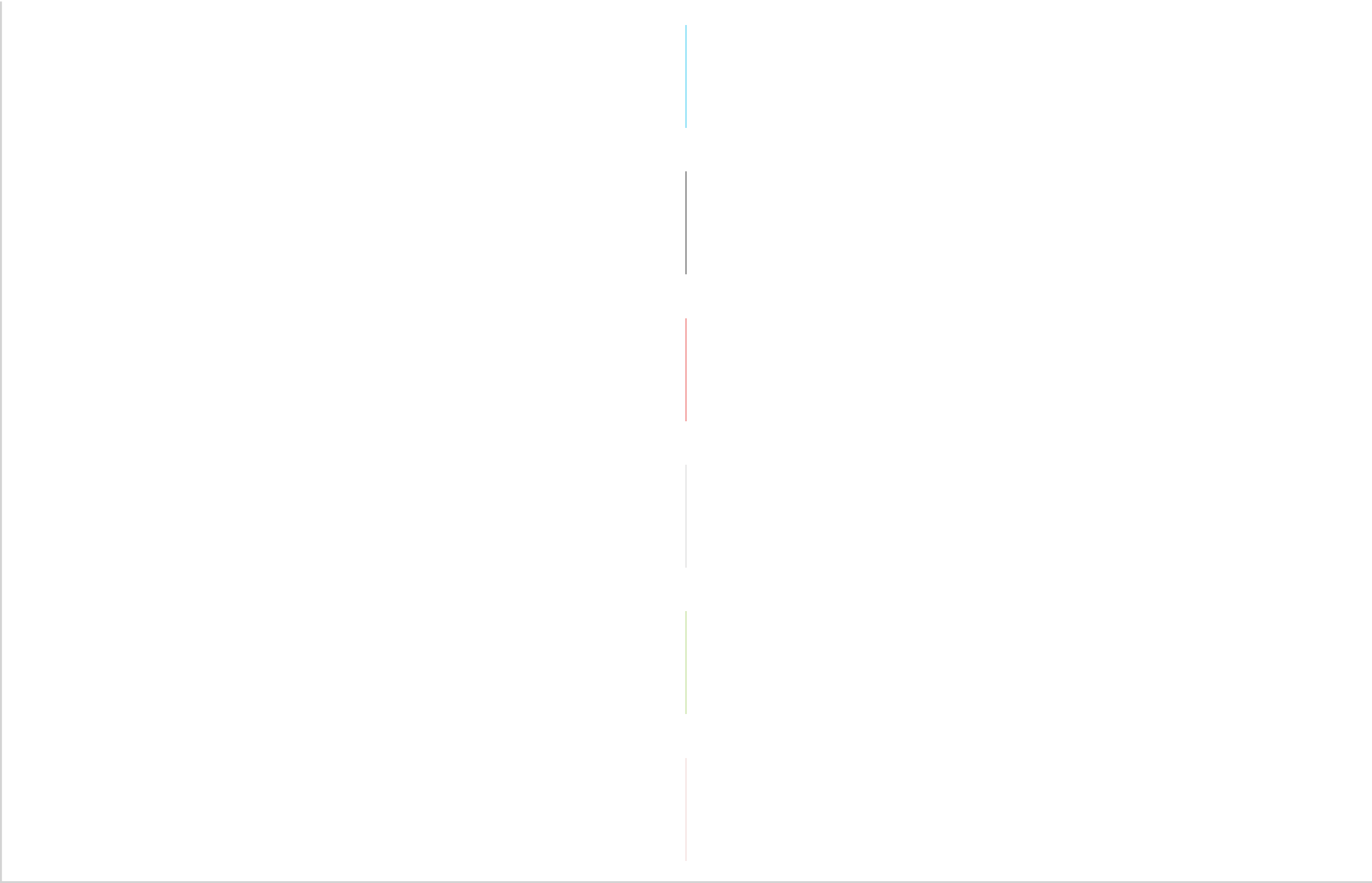
T>A

T>C

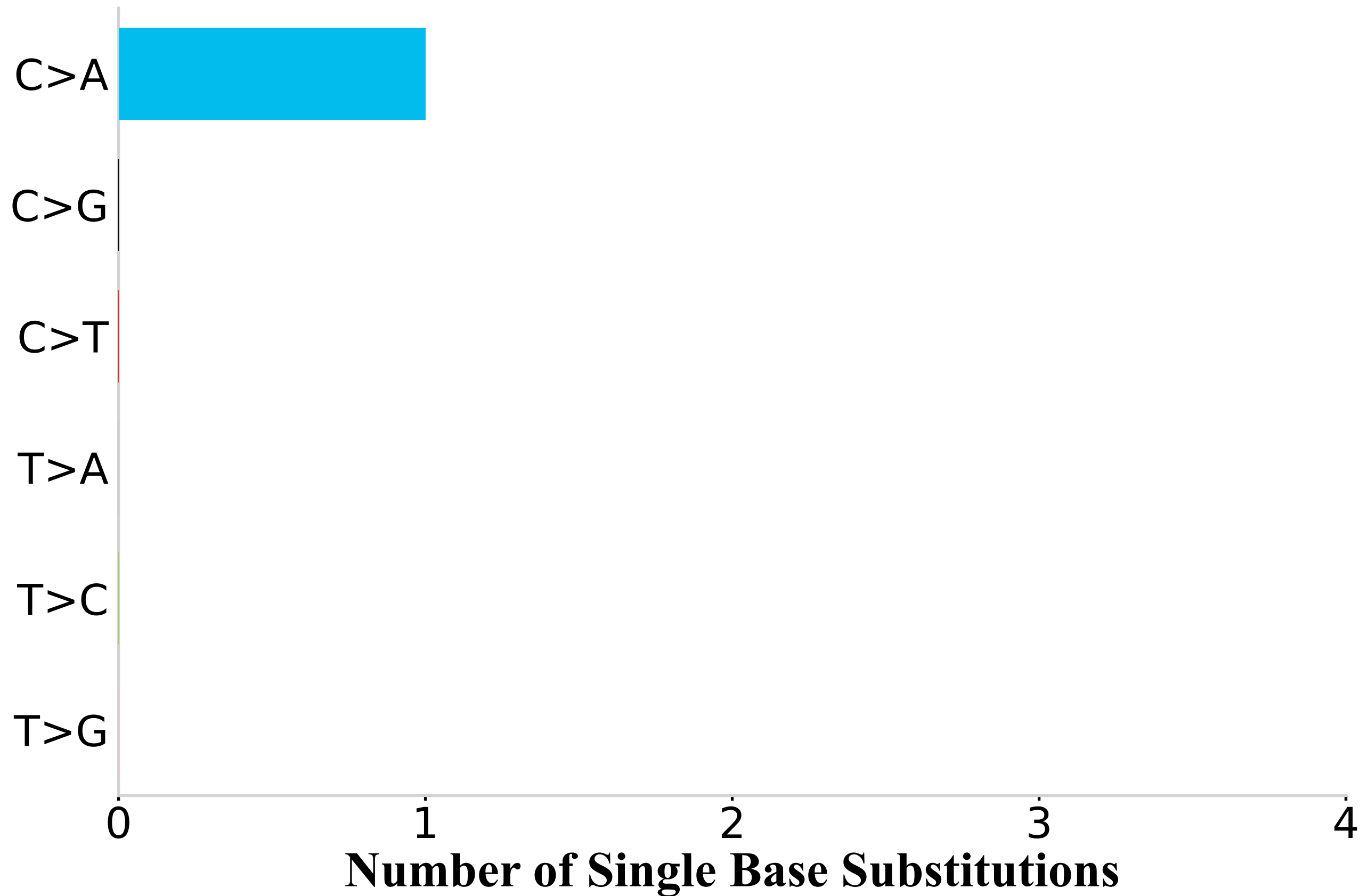
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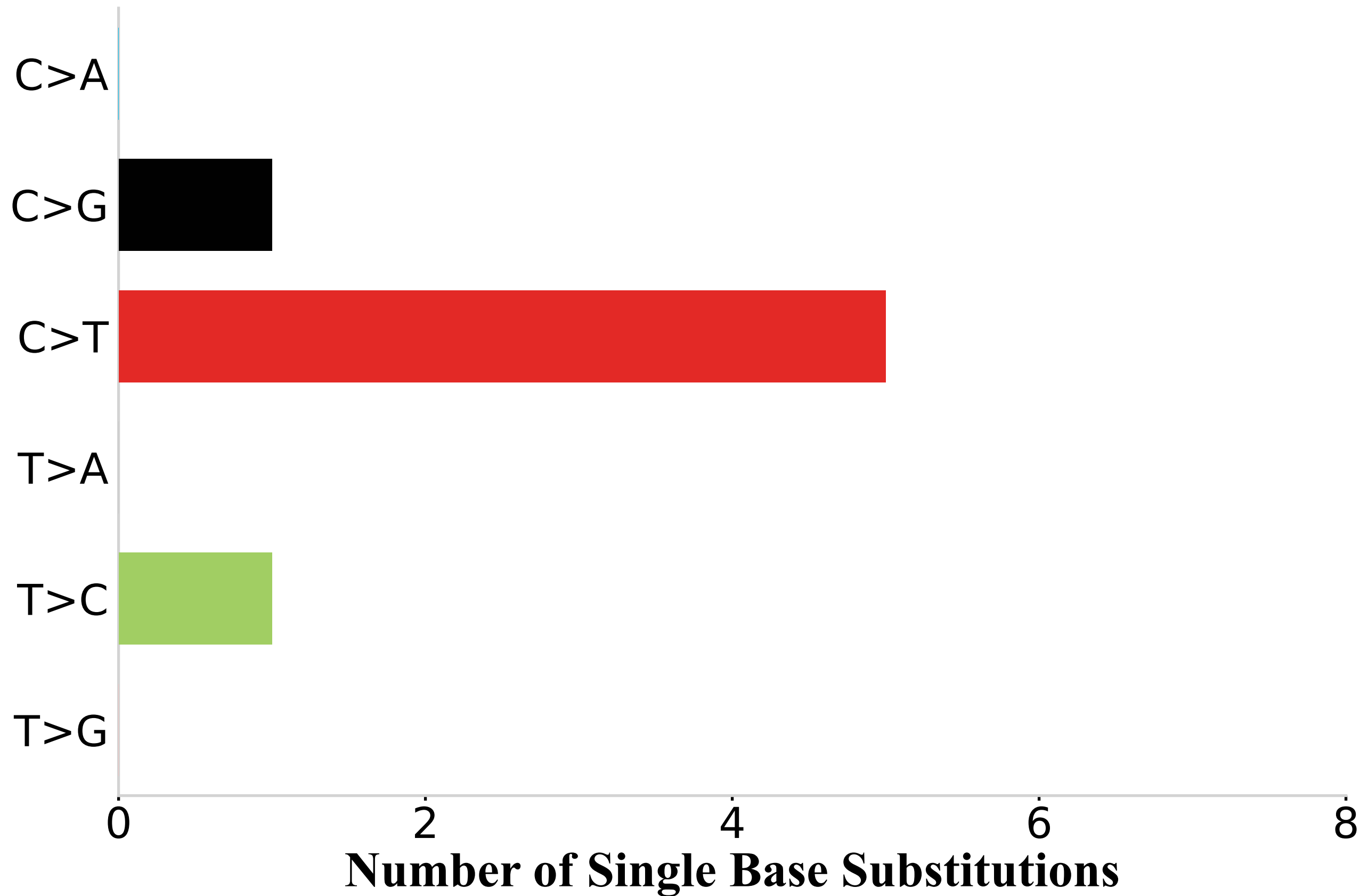
Number of Single Base Substitutions



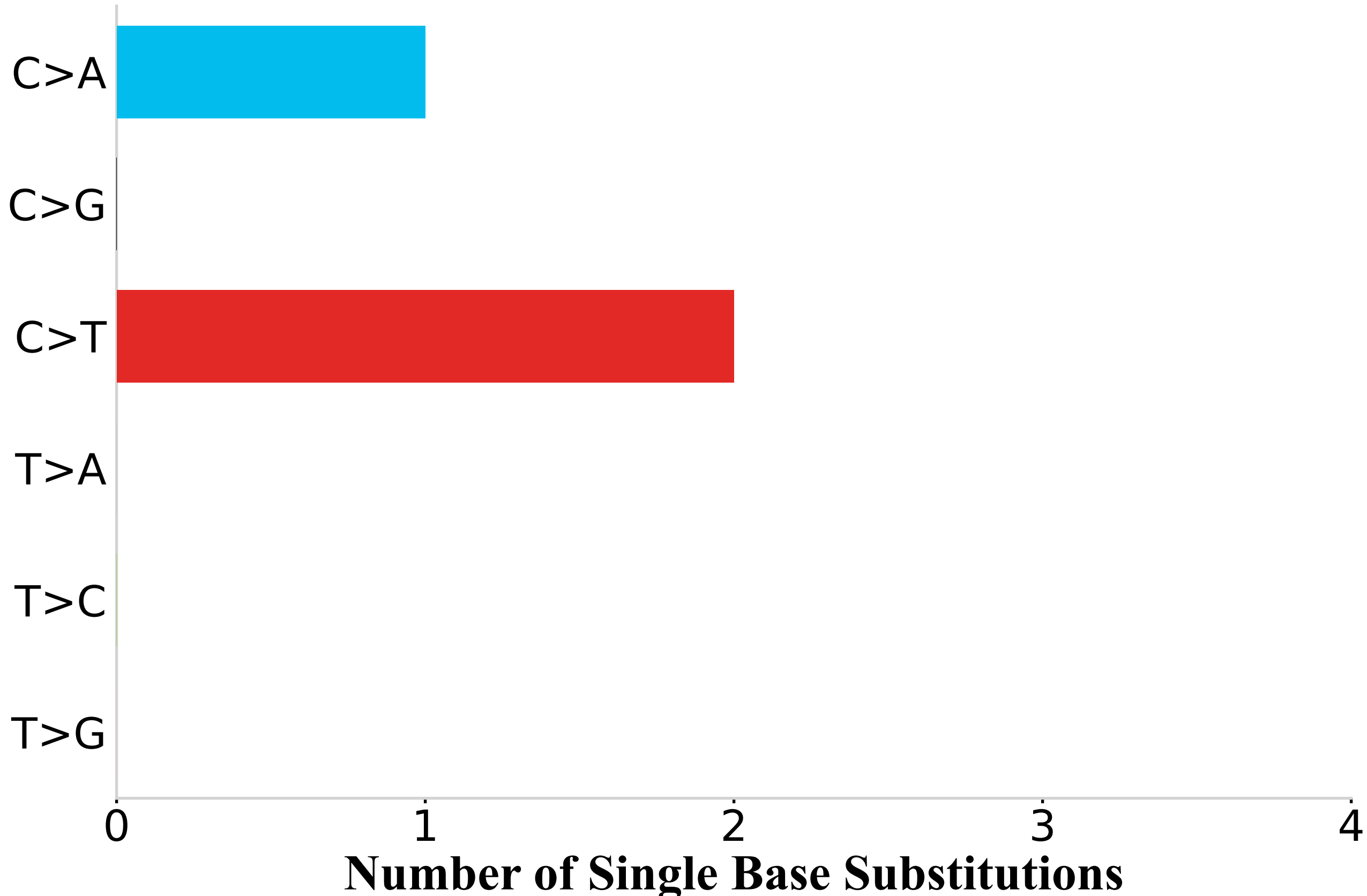
P-0008386-T01-IM5: 1 subs



P-0008398-T04-IM6: 7 subs



P-0008423-T02-IM6: 3 subs



P-0008424-T01-IM5: 0 subs

C>A

C>G

C>T

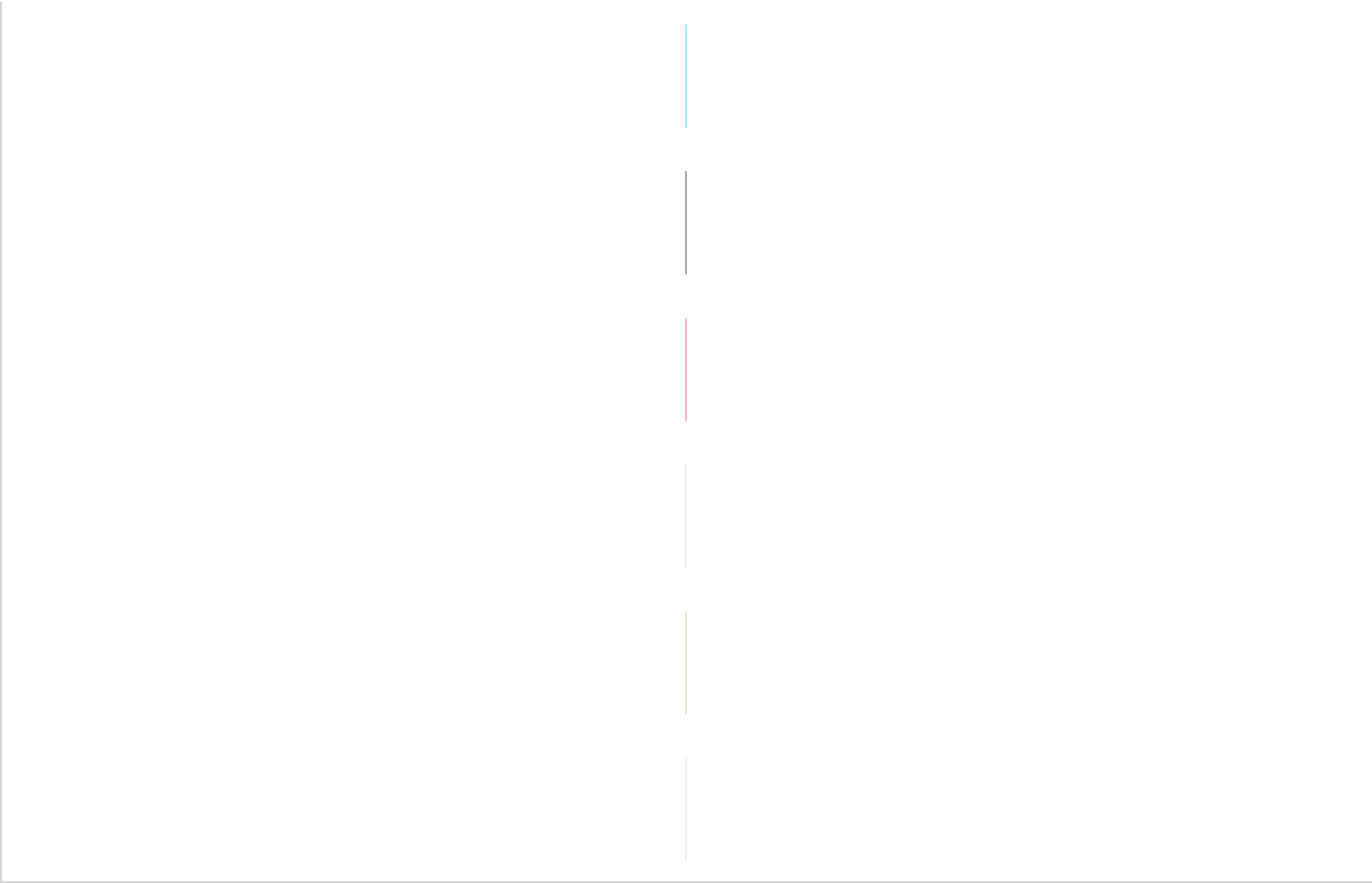
T>A

T>C

T>G

0

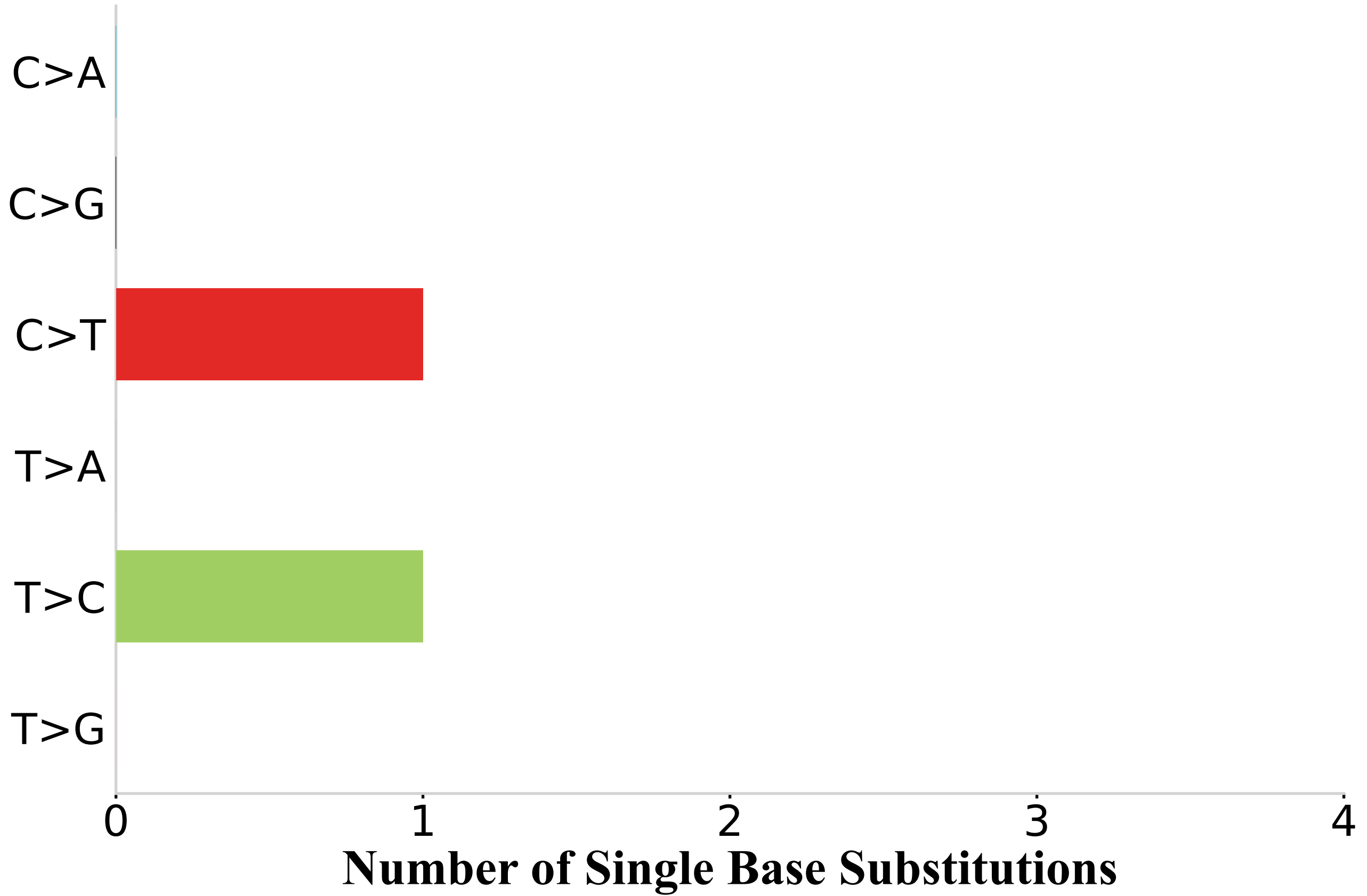
Number of Single Base Substitutions



P-0008448-T01-IM5: 1 subs



P-0008478-T01-IM5: 2 subs



P-0008481-T02-IM5: 0 subs

C>A

C>G

C>T

T>A

T>C

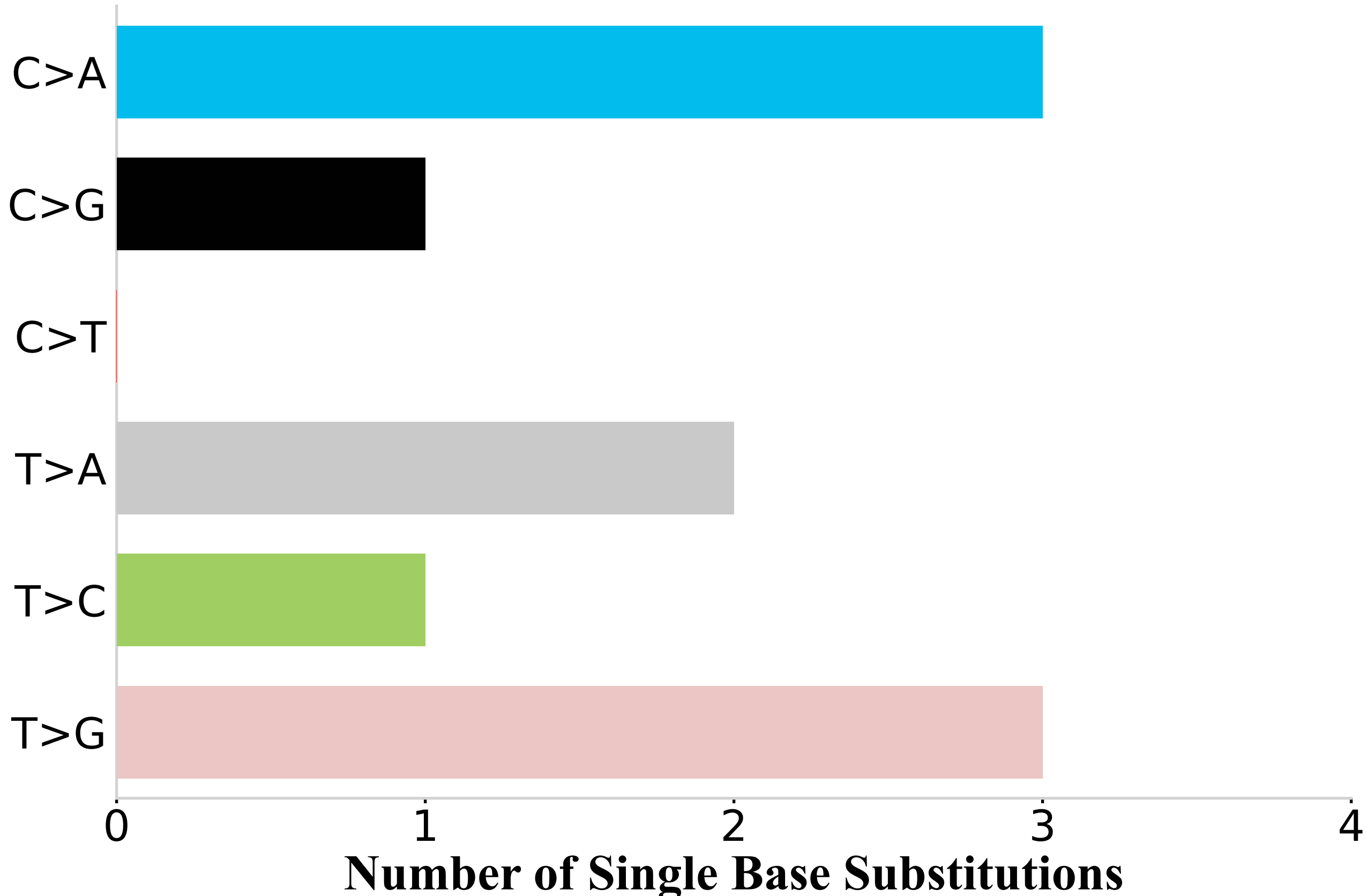
T>G

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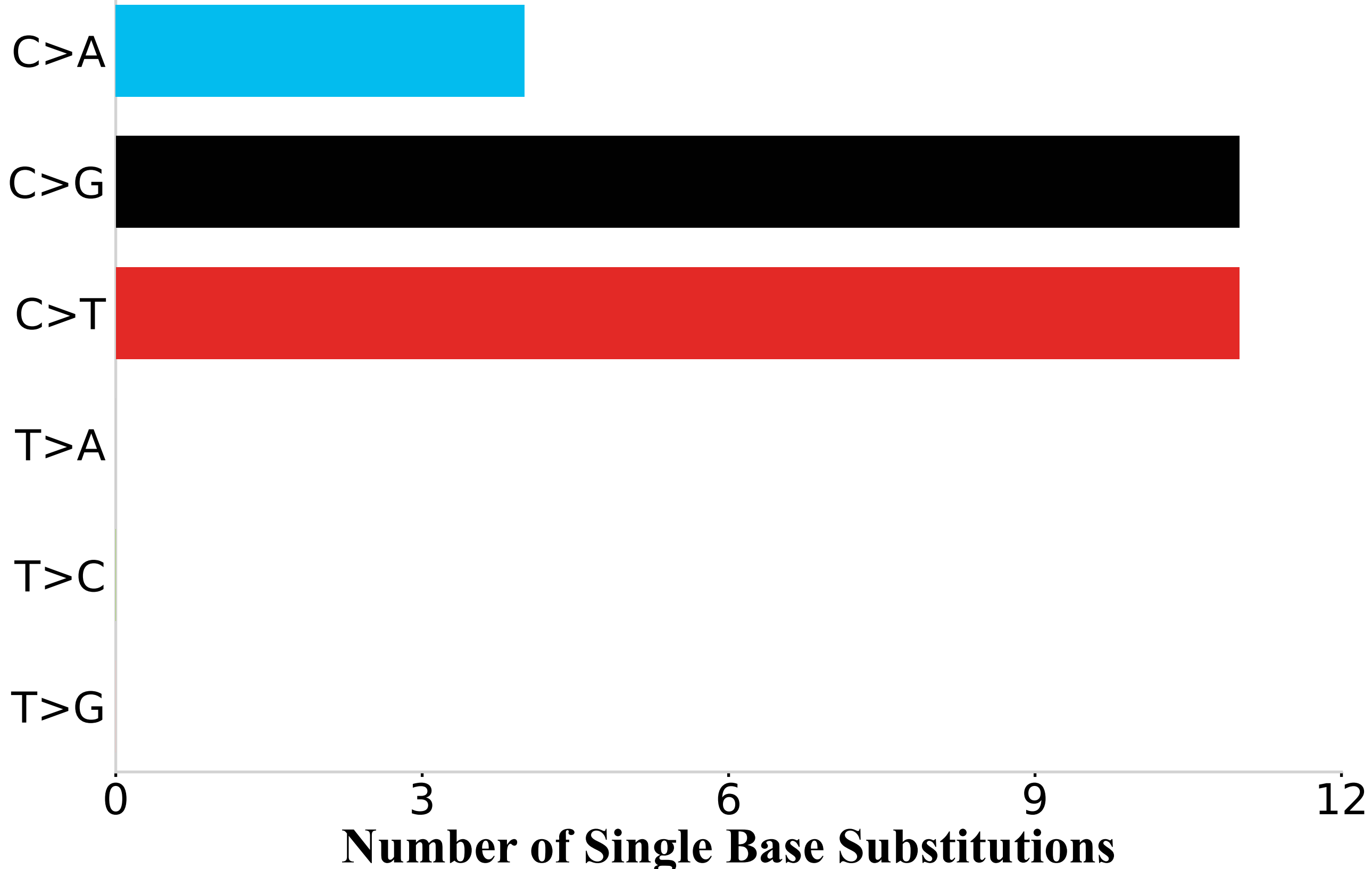
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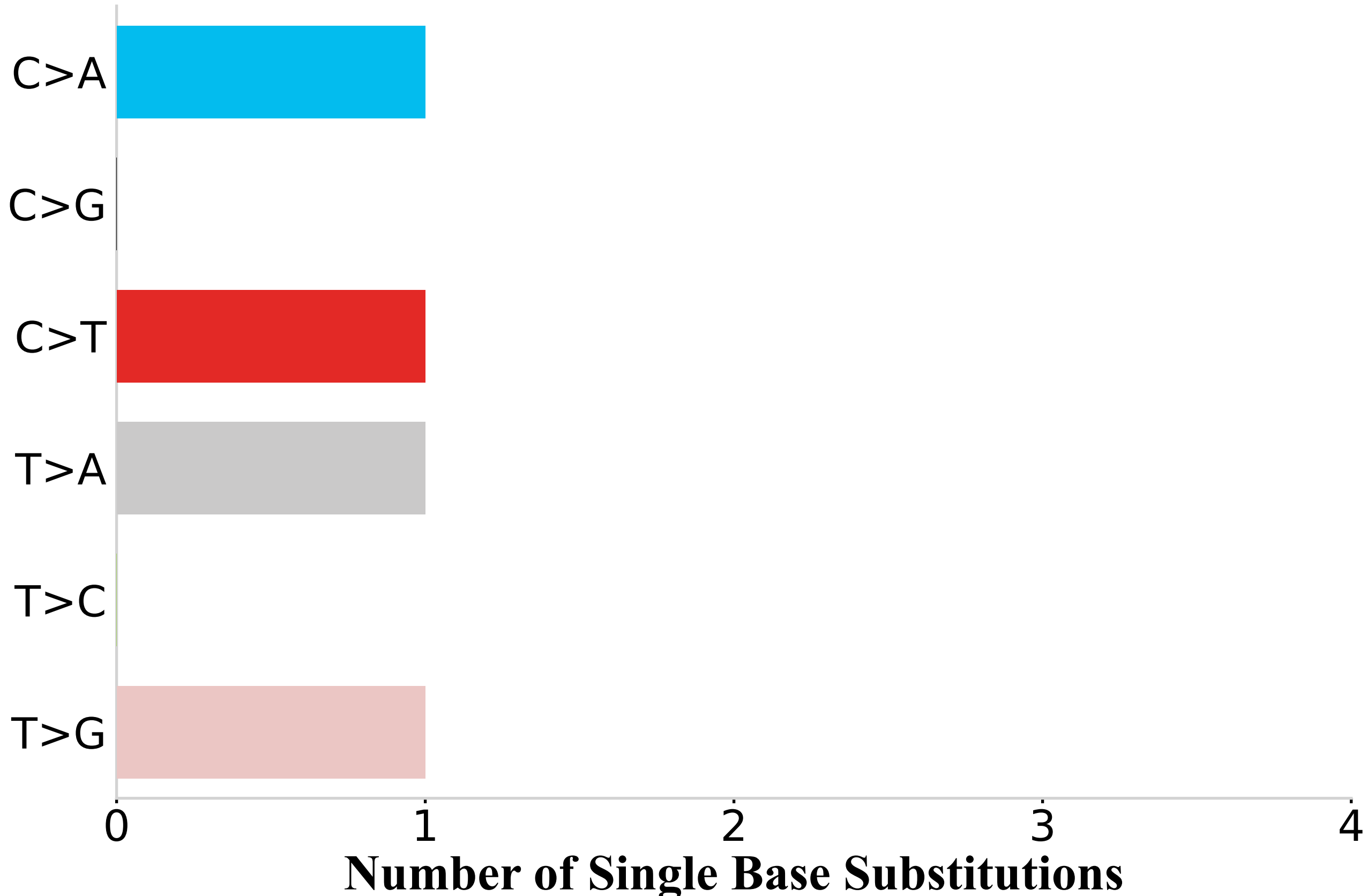
P-0008574-T03-IM6: 10 subs



P-0008647-T01-IM5: 26 subs



P-0008952-T01-IM5: 4 subs



P-0008970-T01-IM5: 3 subs

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C>G

C>T

T>A

T>C

T>G

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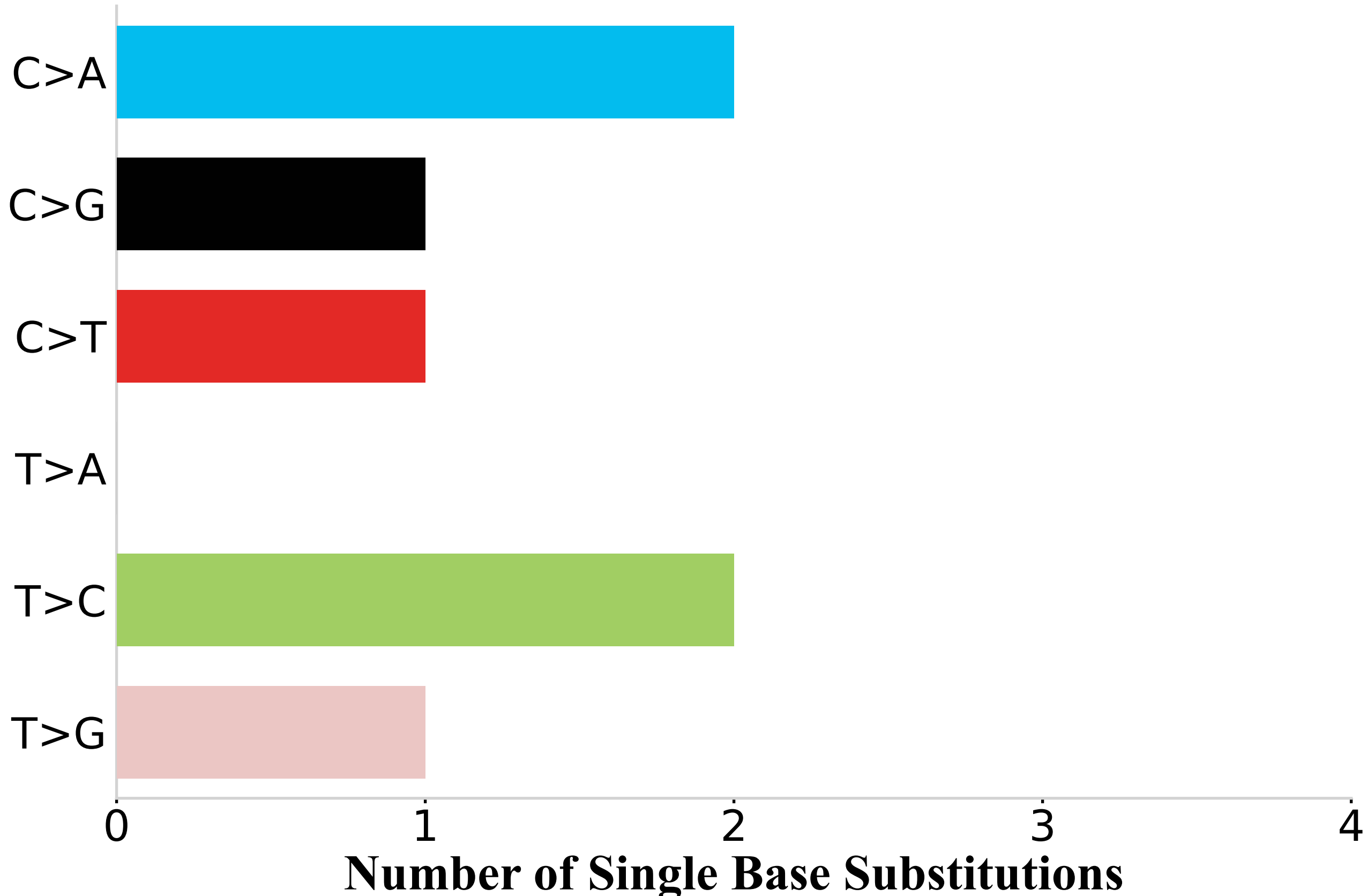
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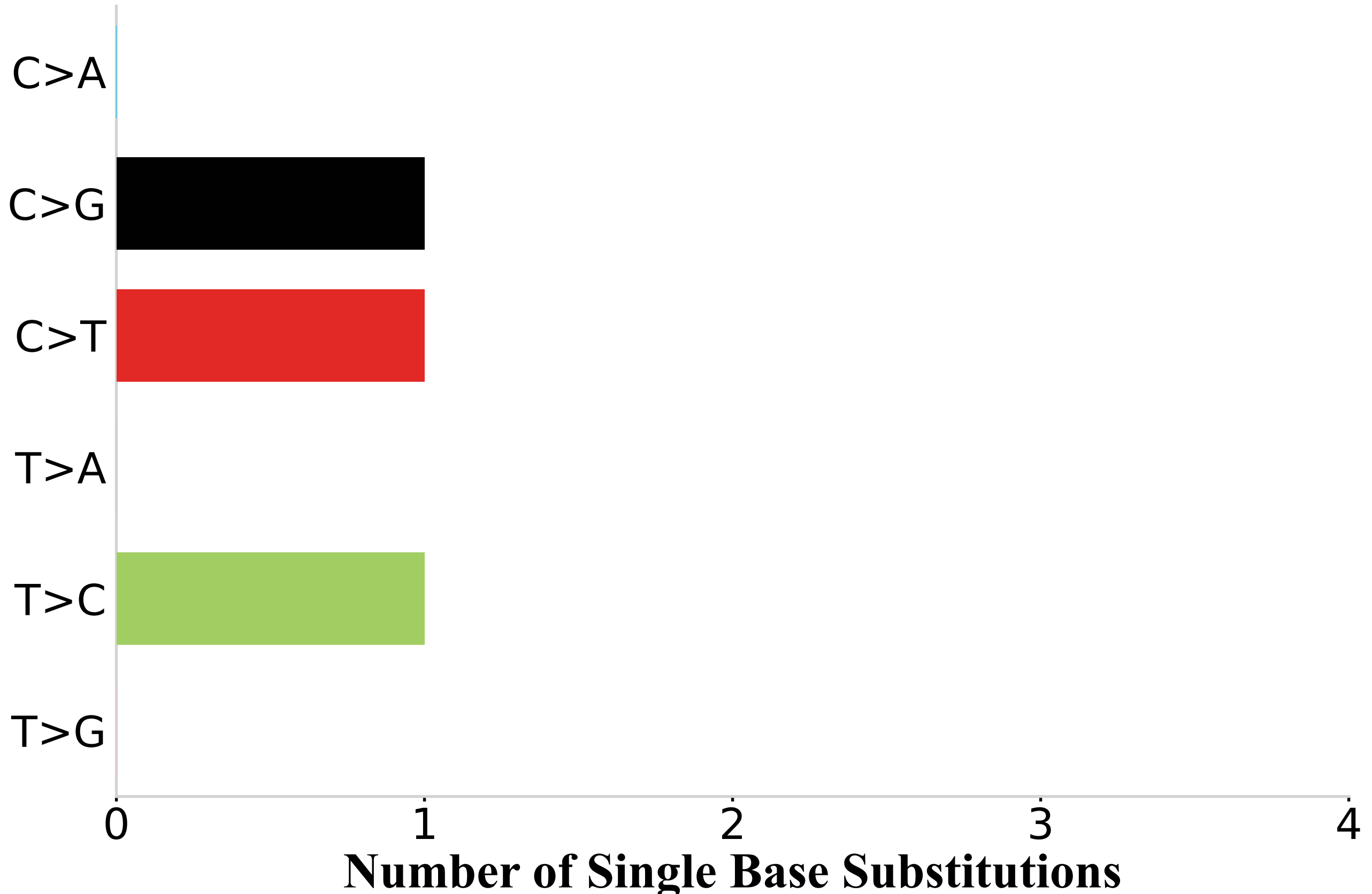
Number of Single Base Substitutions



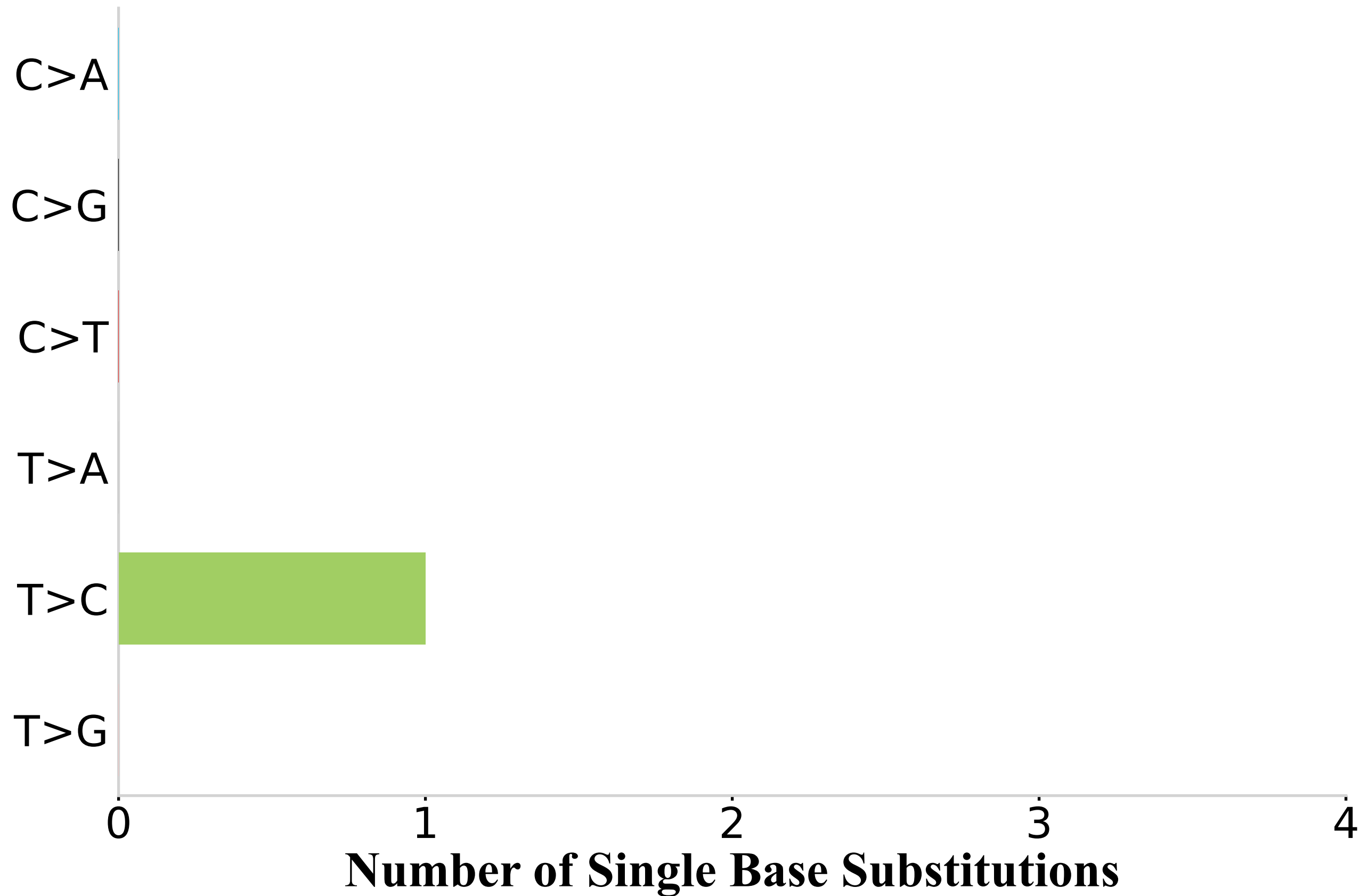
P-0008998-T01-IM5: 7 subs



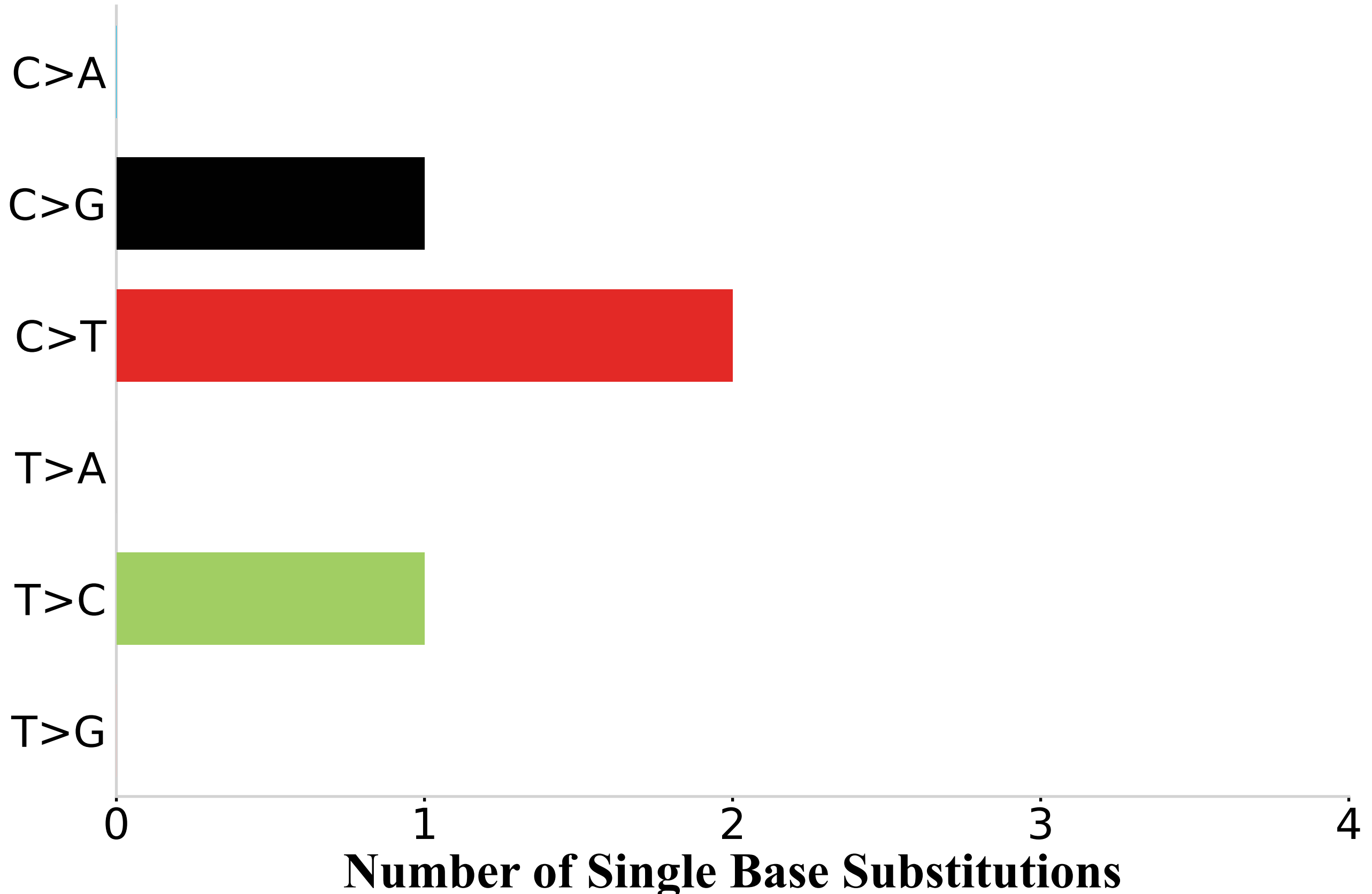
P-0009137-T01-IM5: 3 subs



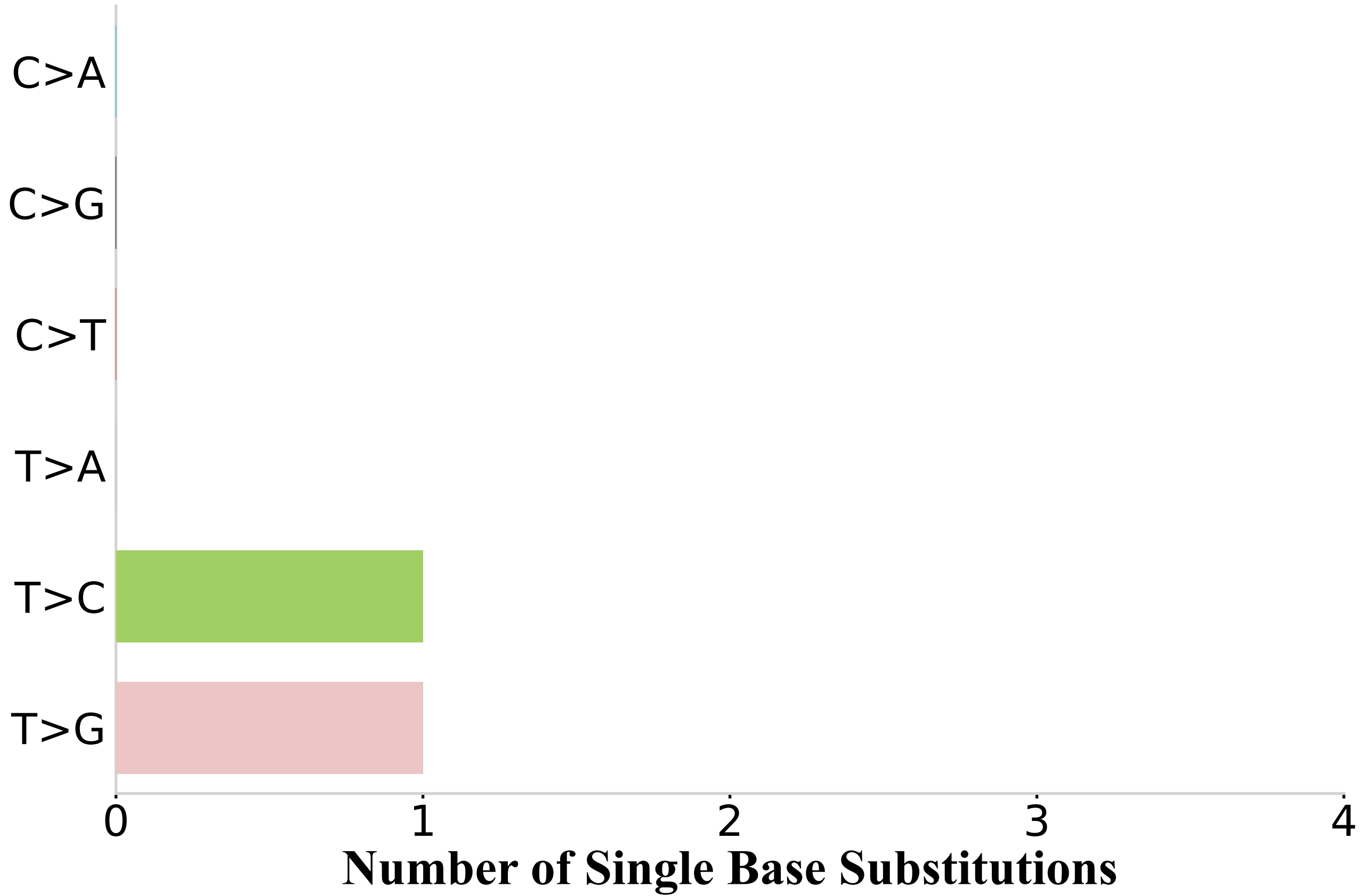
P-0009325-T02-IM5: 1 subs



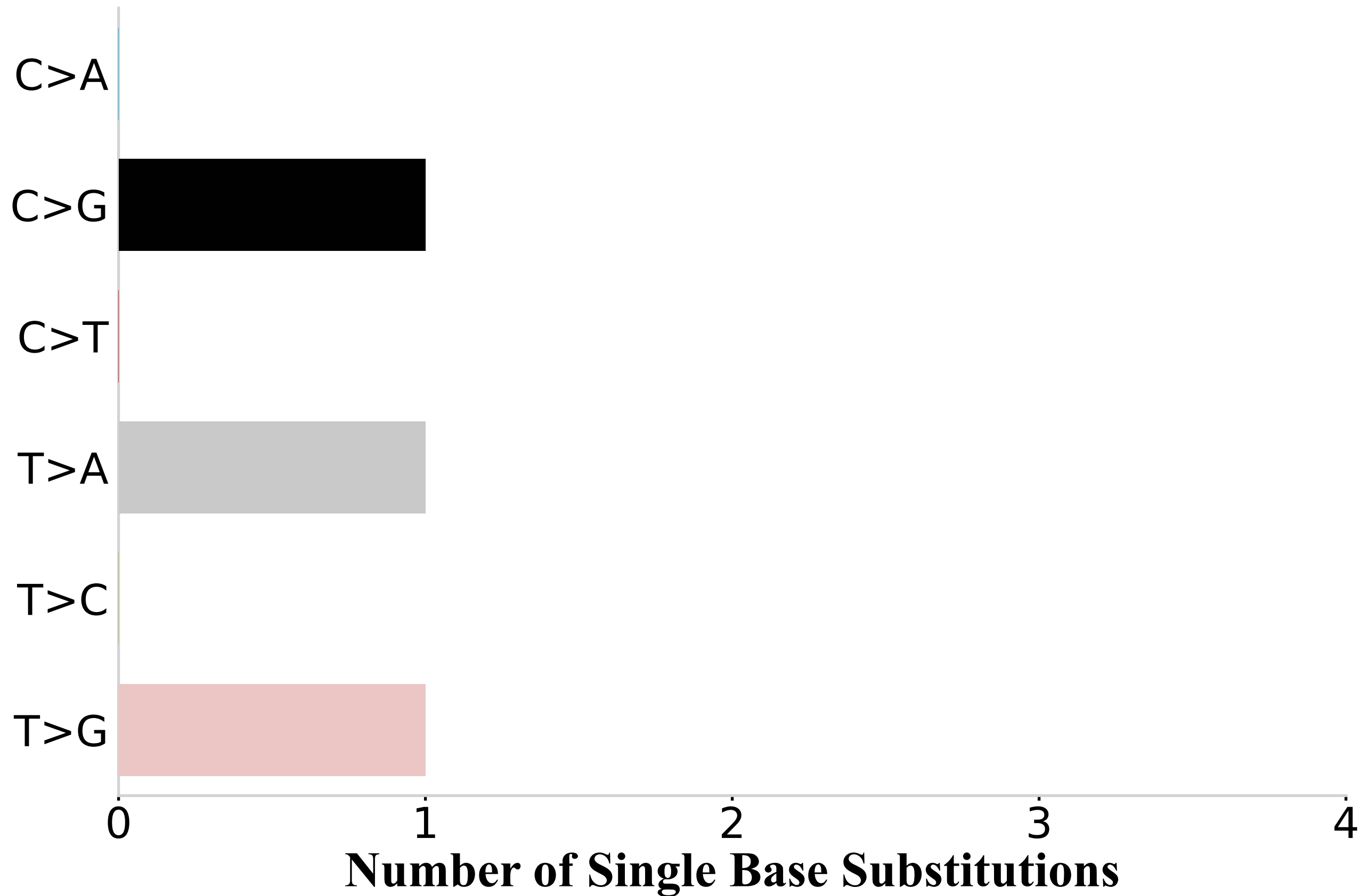
P-0009367-T02-IM5: 4 subs



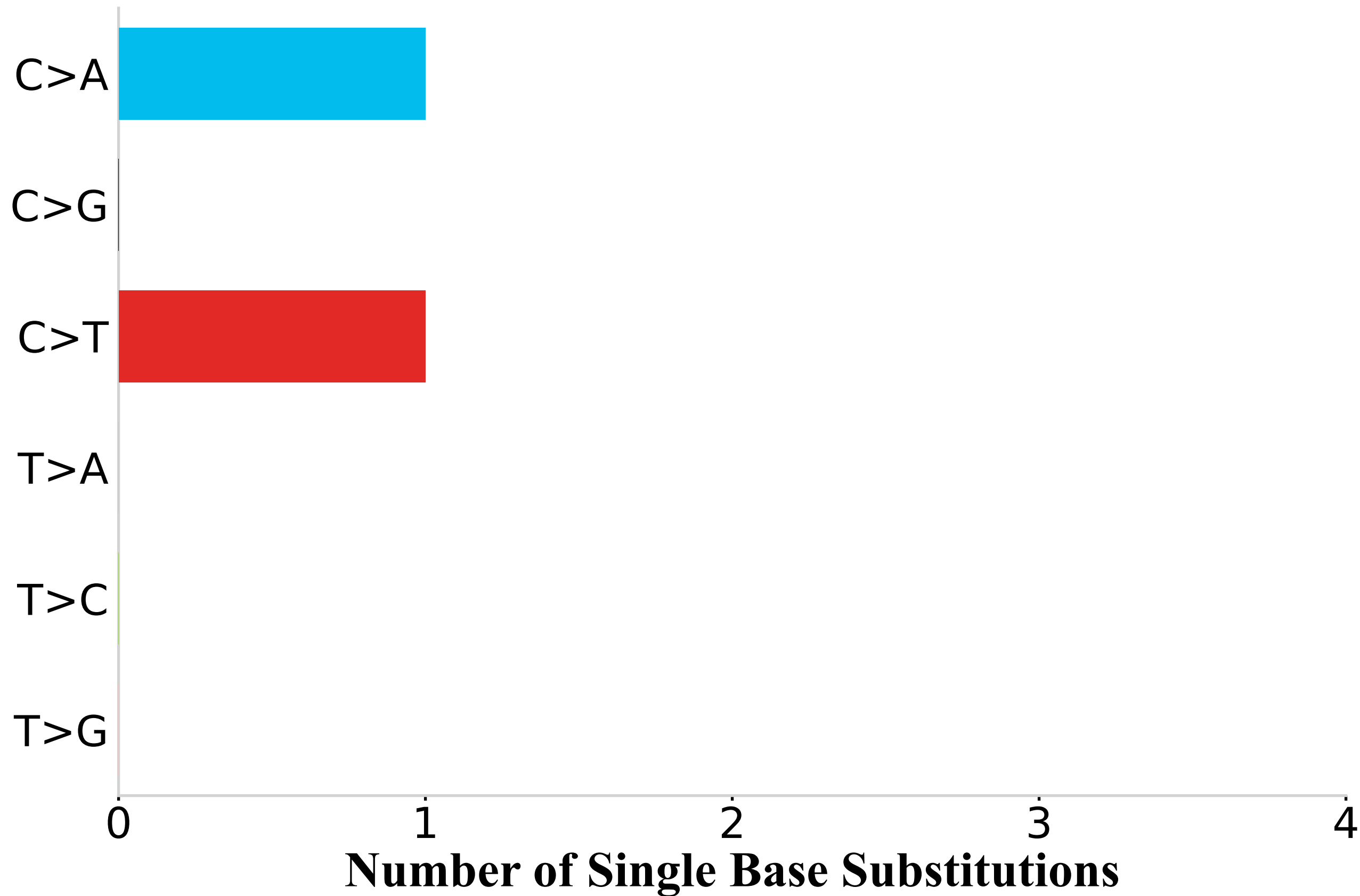
P-0009430-T01-IM5: 2 subs



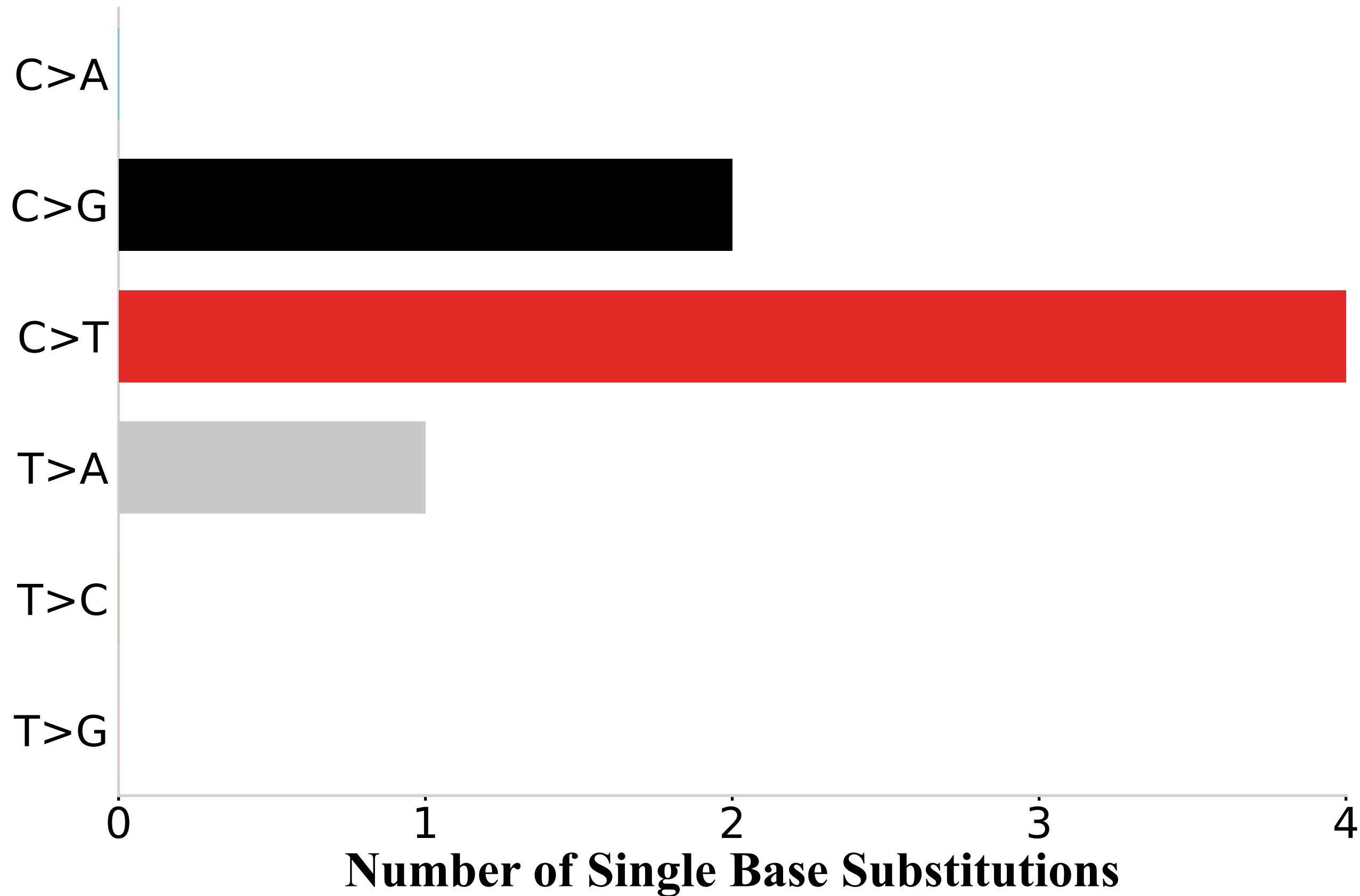
P-0009498-T01-IM5: 3 subs



P-0009630-T01-IM5: 2 subs



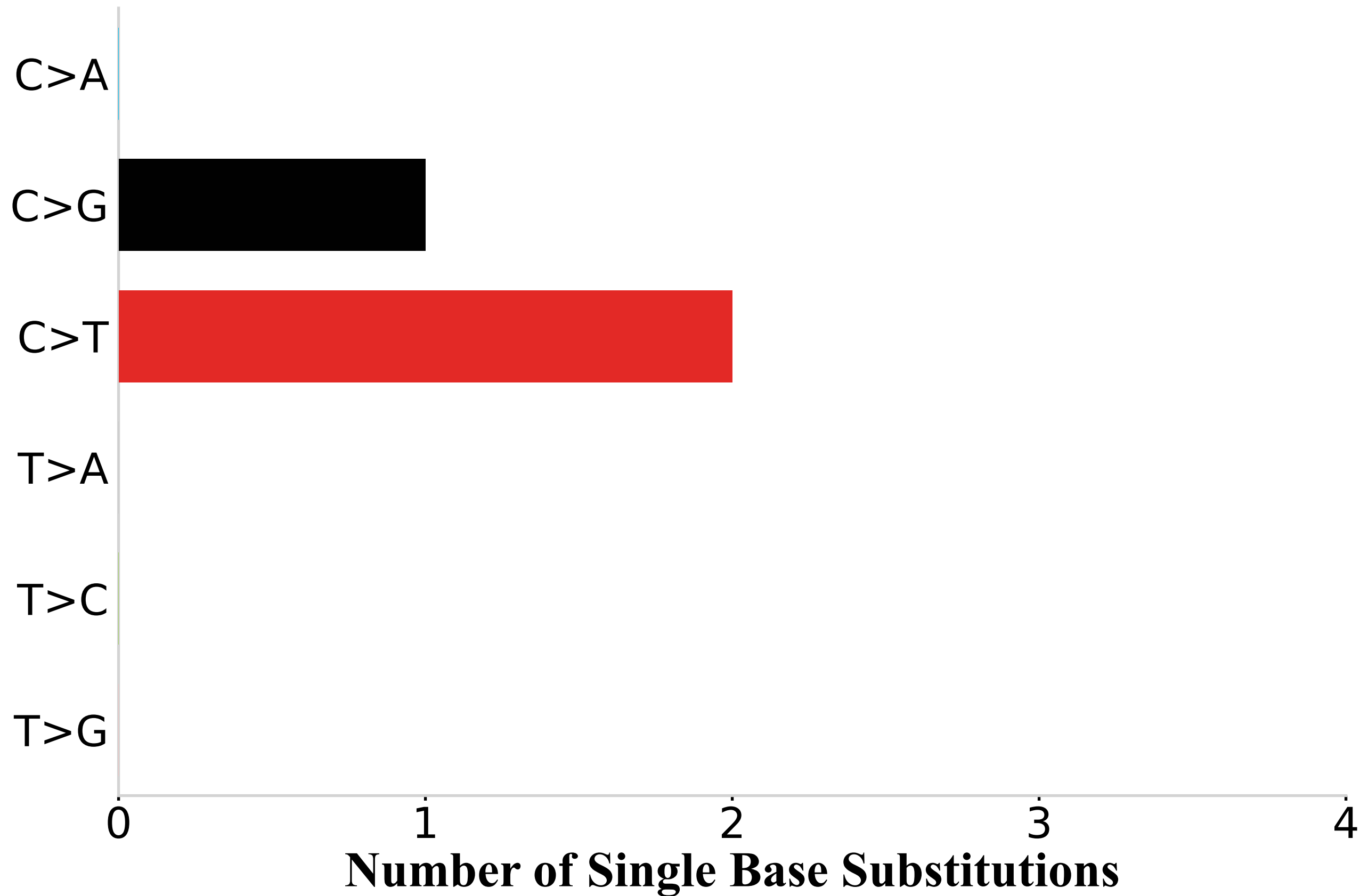
P-0009692-T01-IM5: 7 subs



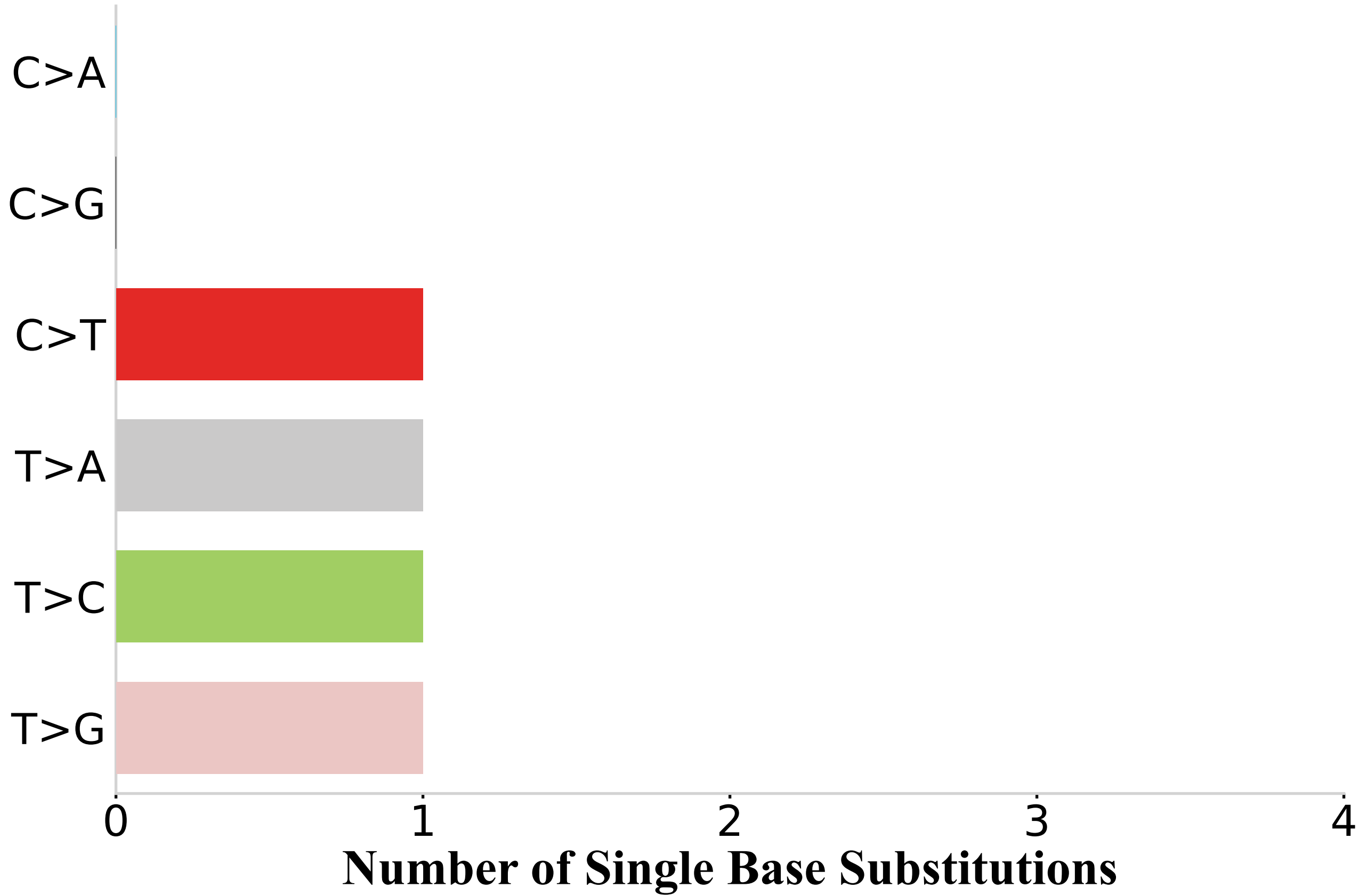
P-0009738-T01-IM5: 1 subs



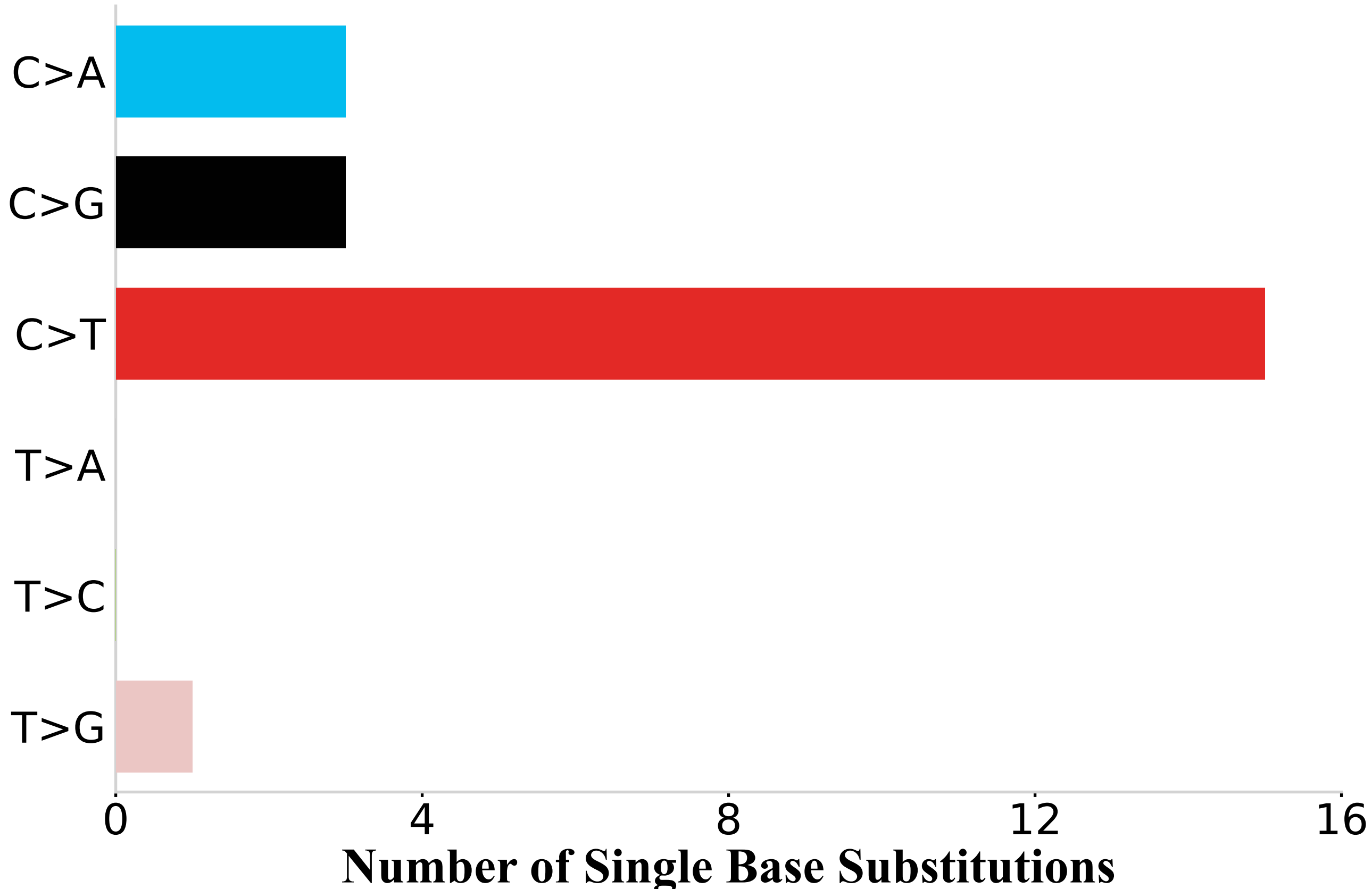
P-0009822-T01-IM5: 3 subs



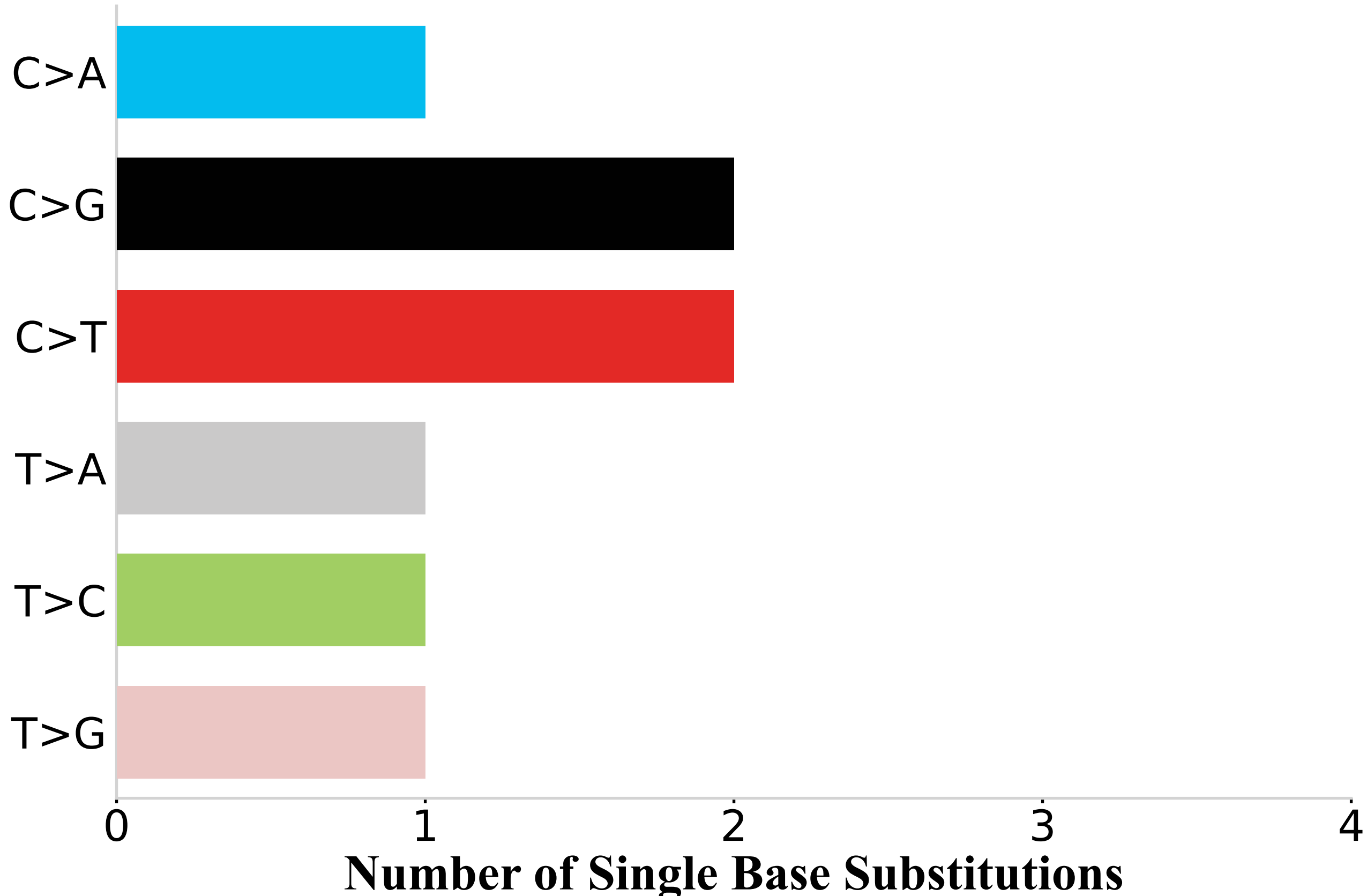
P-0009878-T01-IM5: 4 subs



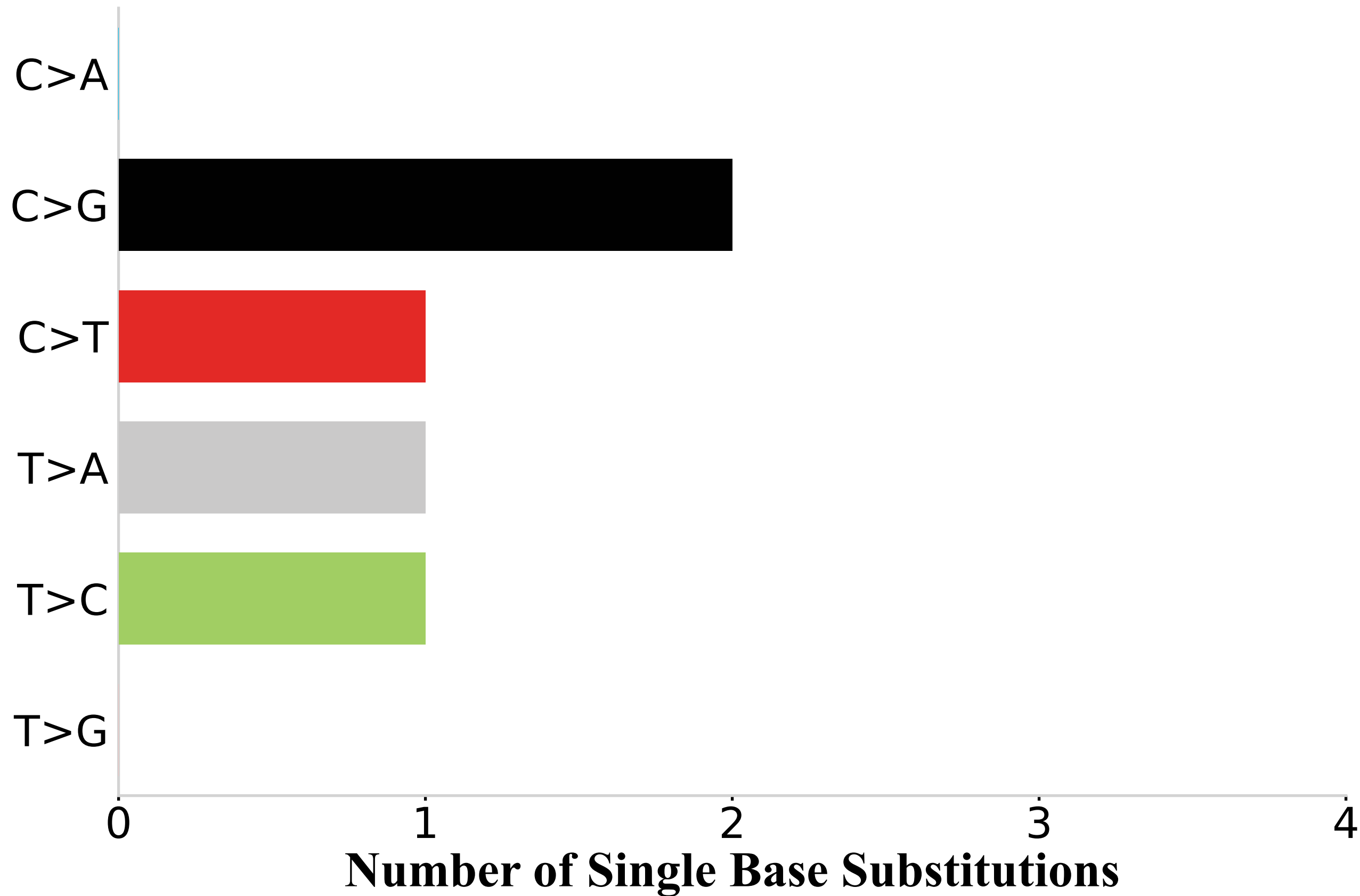
P-0009897-T01-IM5: 22 subs



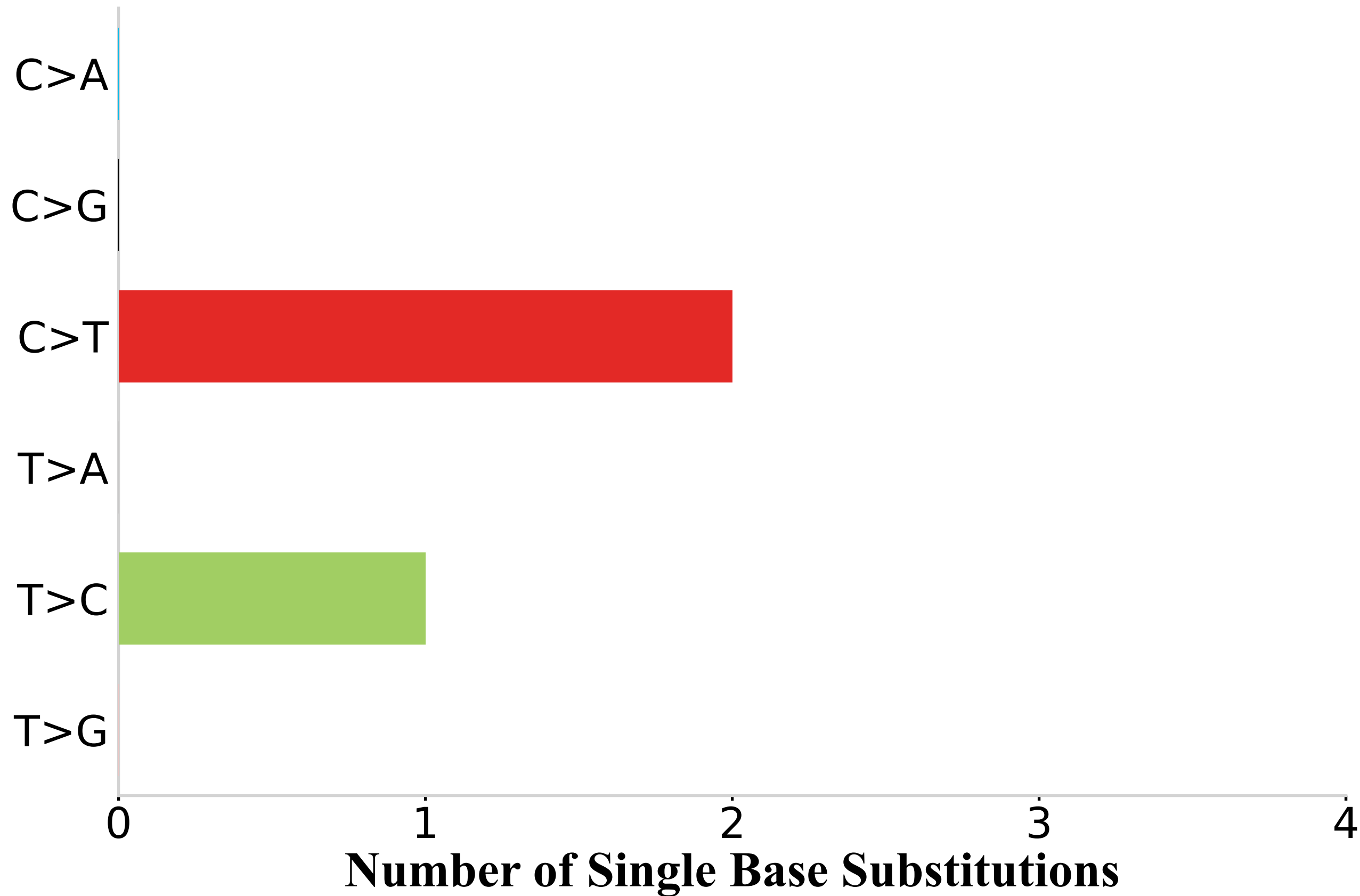
P-0009907-T01-IM5: 8 subs



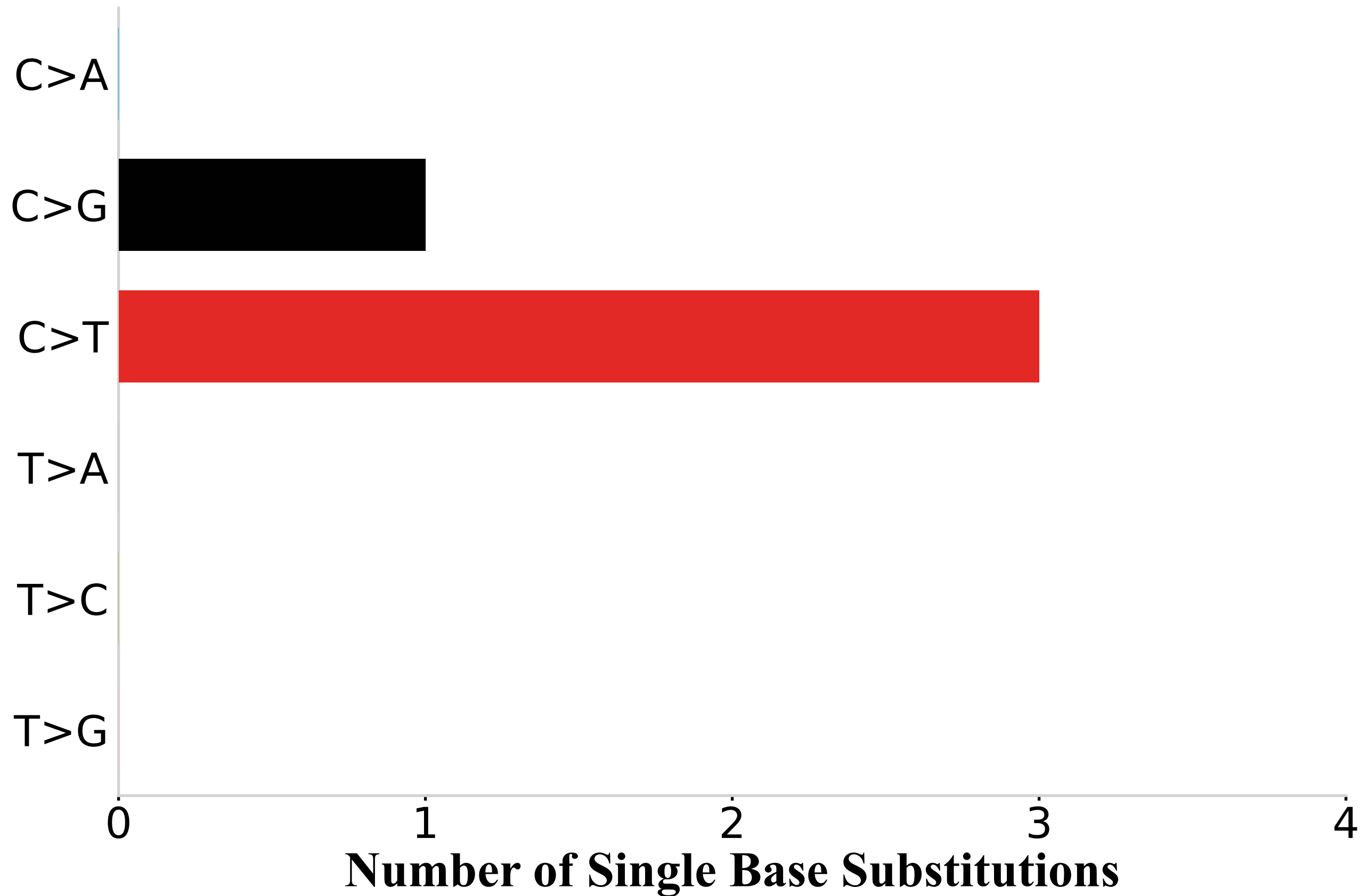
P-0009966-T01-IM5: 5 subs



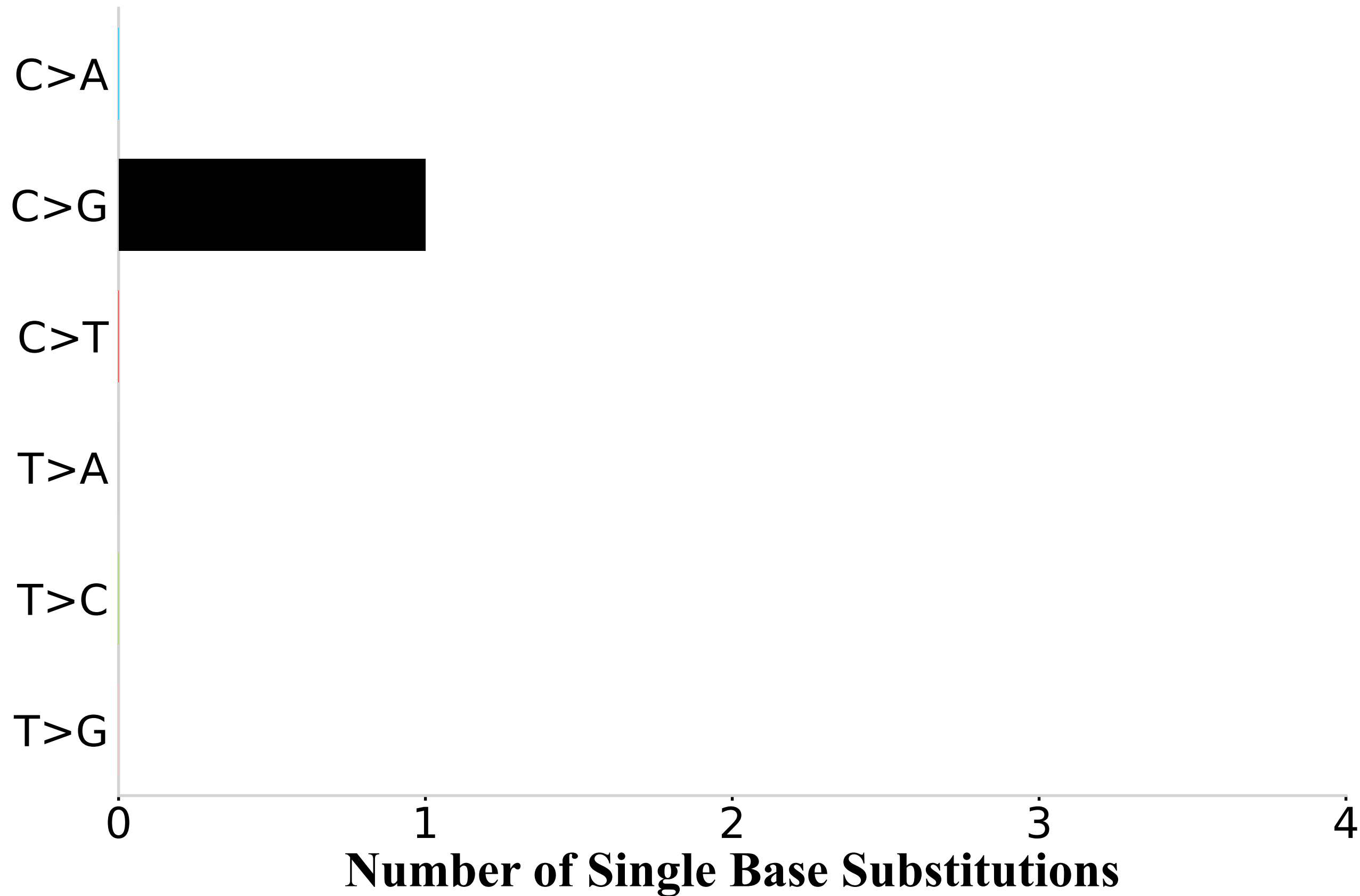
P-0010201-T01-IM5: 3 subs



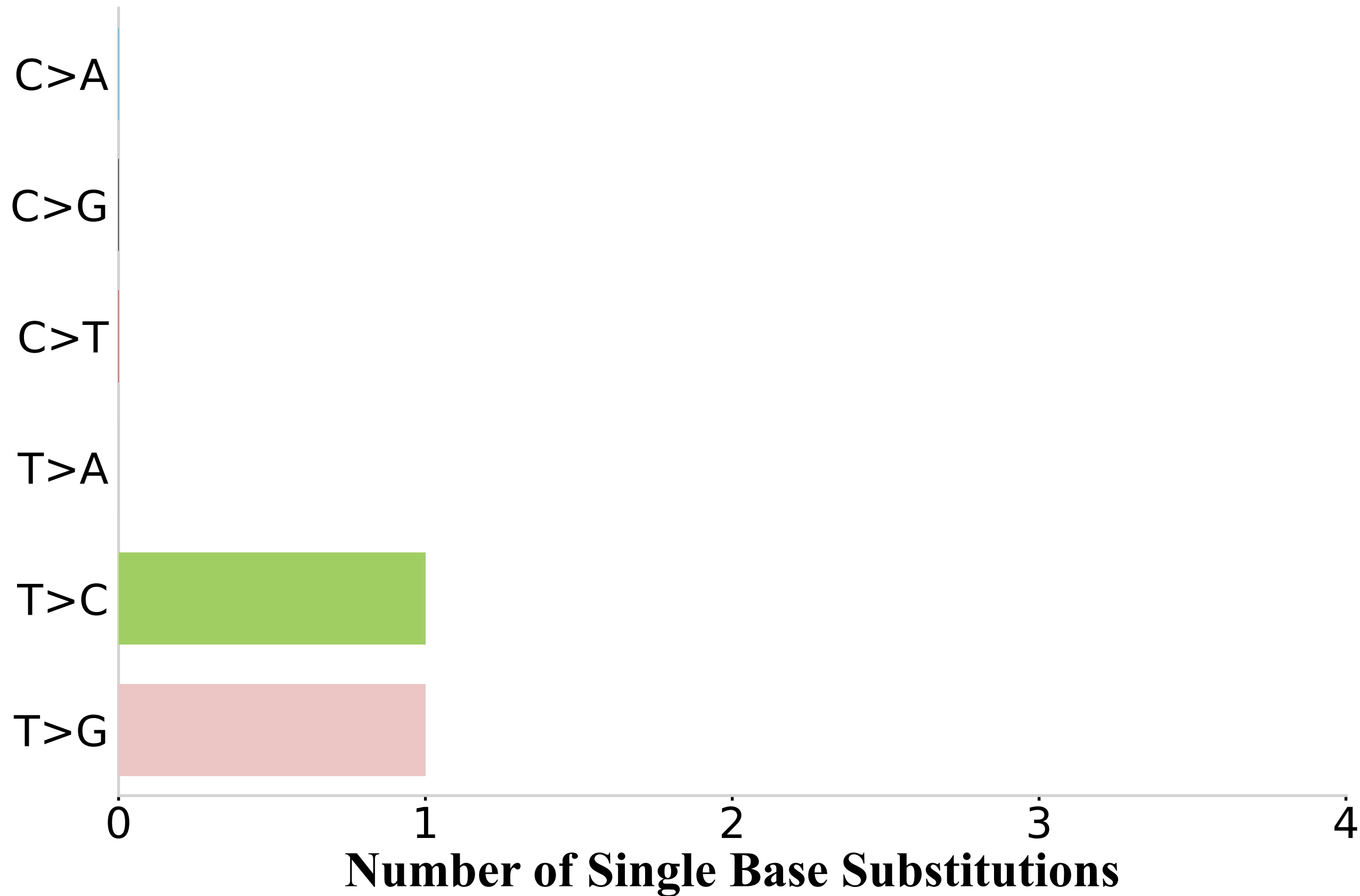
P-0010245-T01-IM5: 4 subs



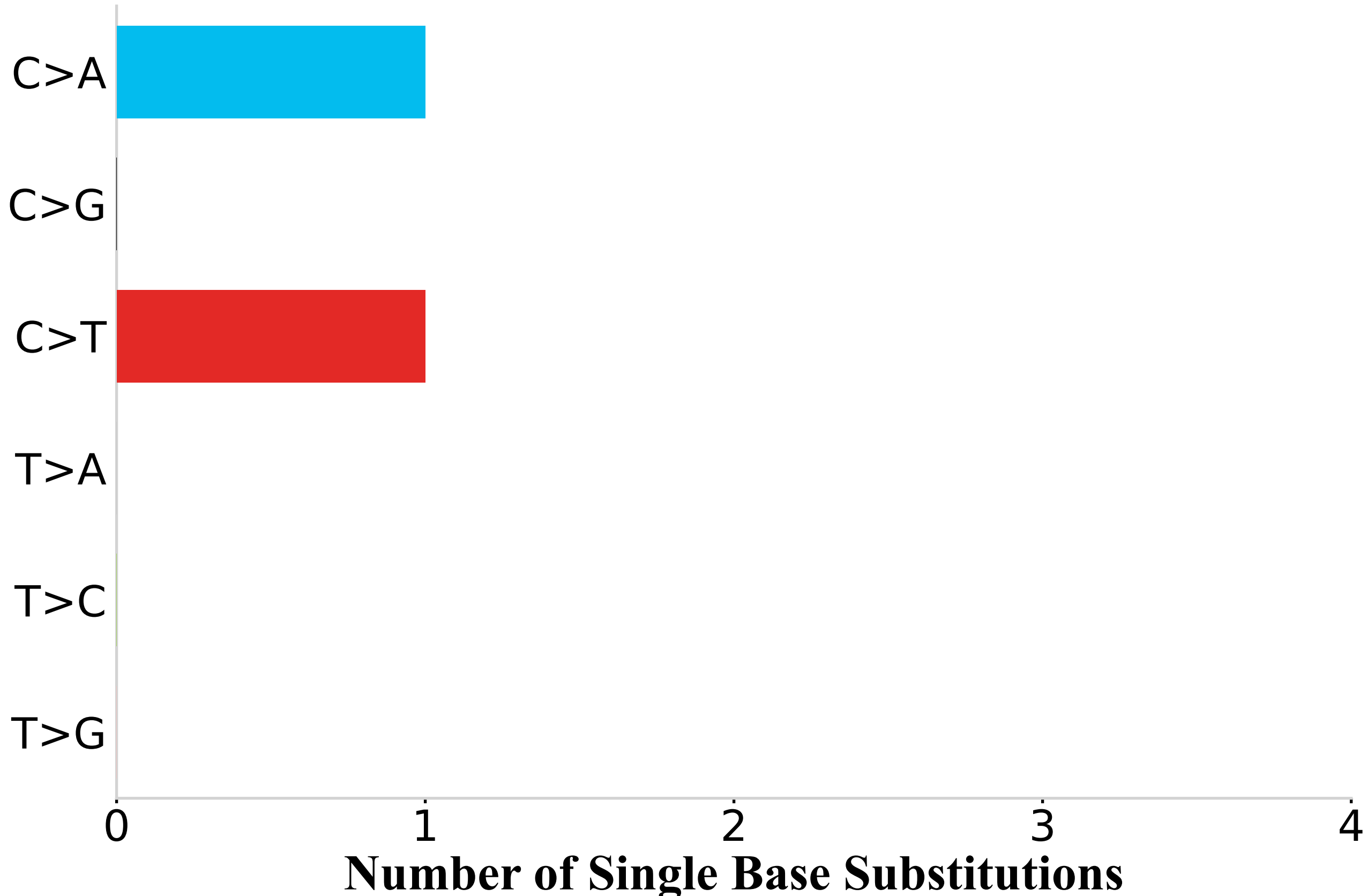
P-0010321-T01-IM5: 1 subs



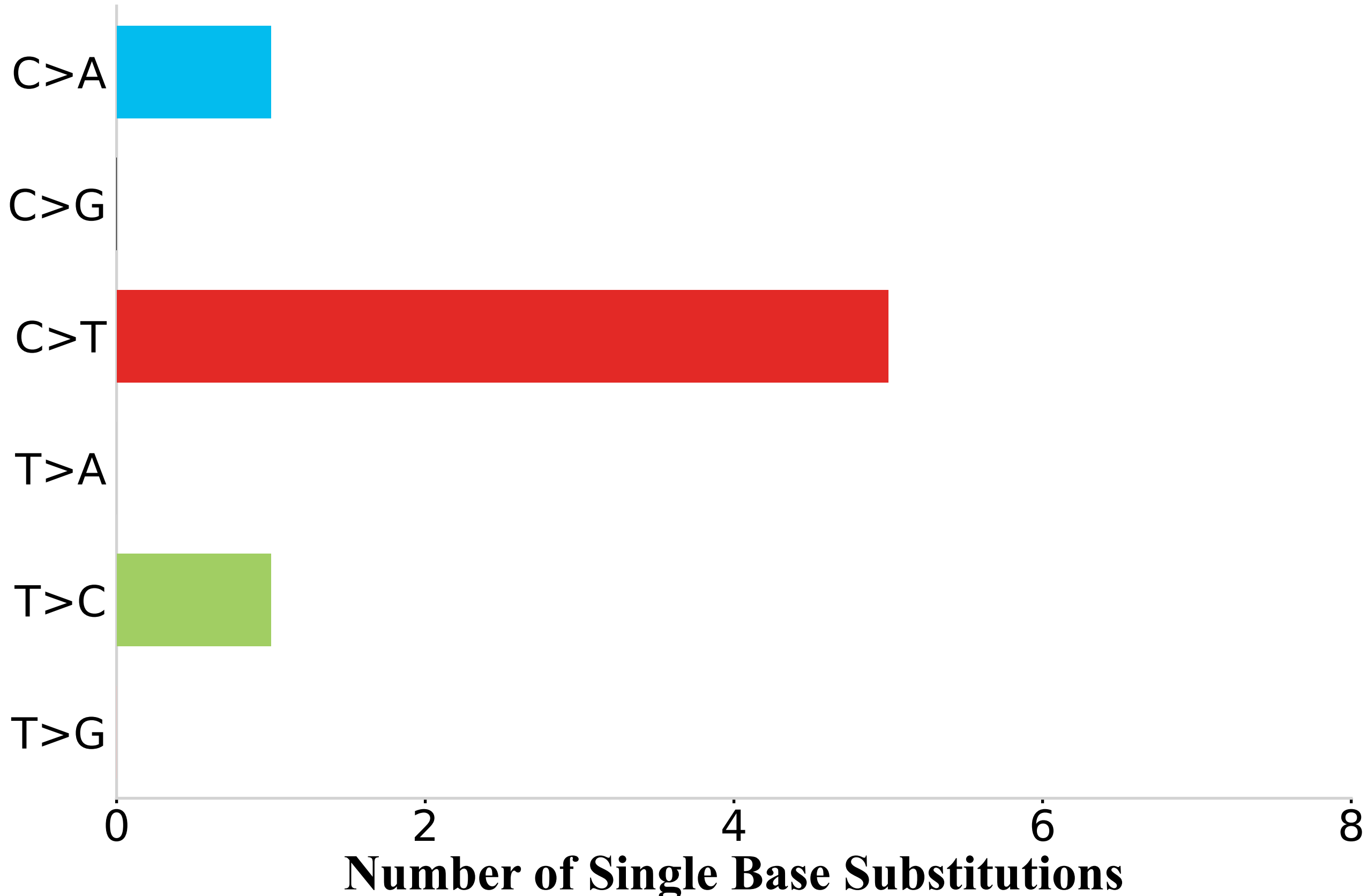
P-0010419-T02-IM6: 2 subs



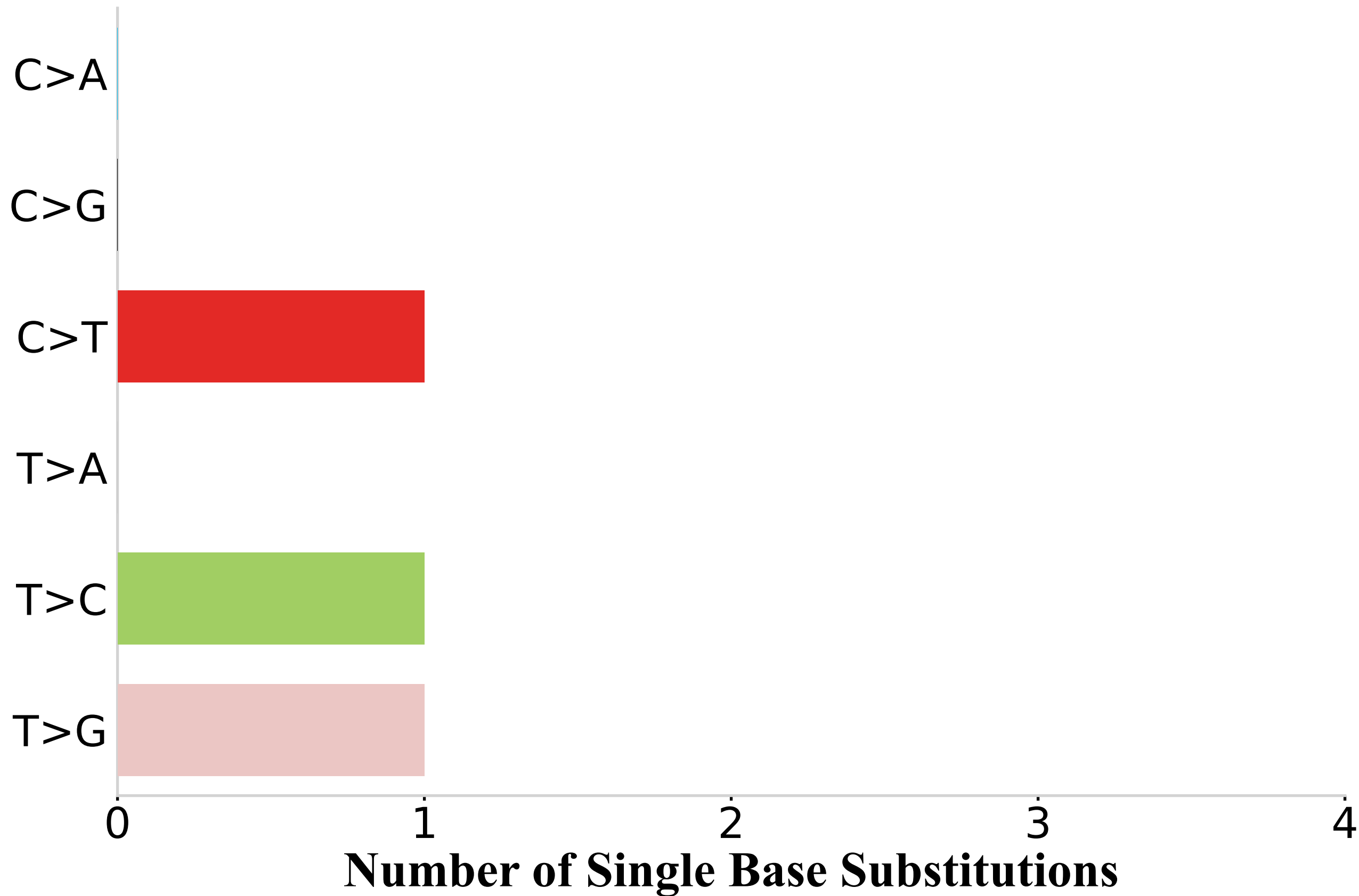
P-0010431-T01-IM5: 2 subs



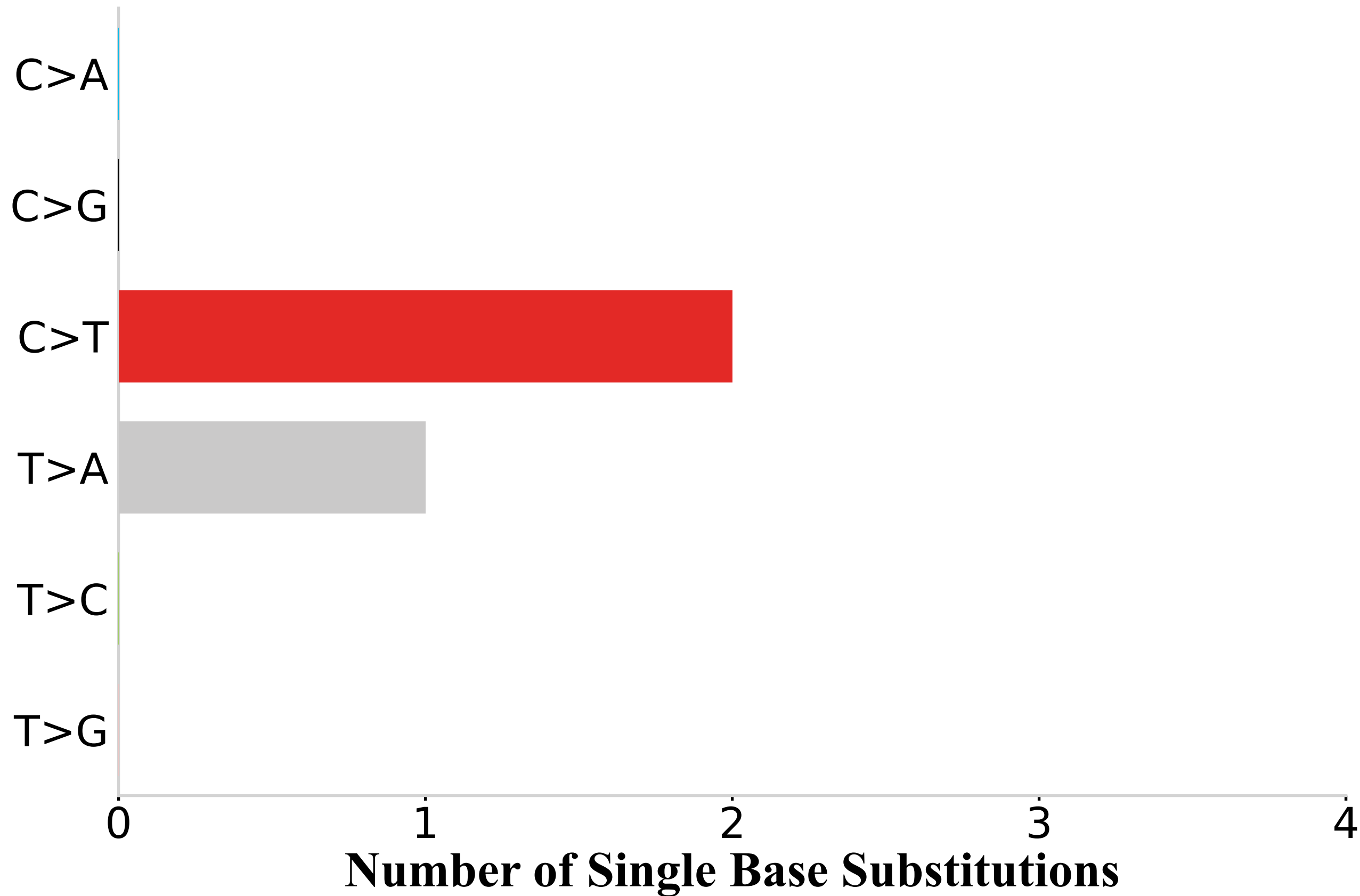
P-0010593-T03-IM6: 7 subs



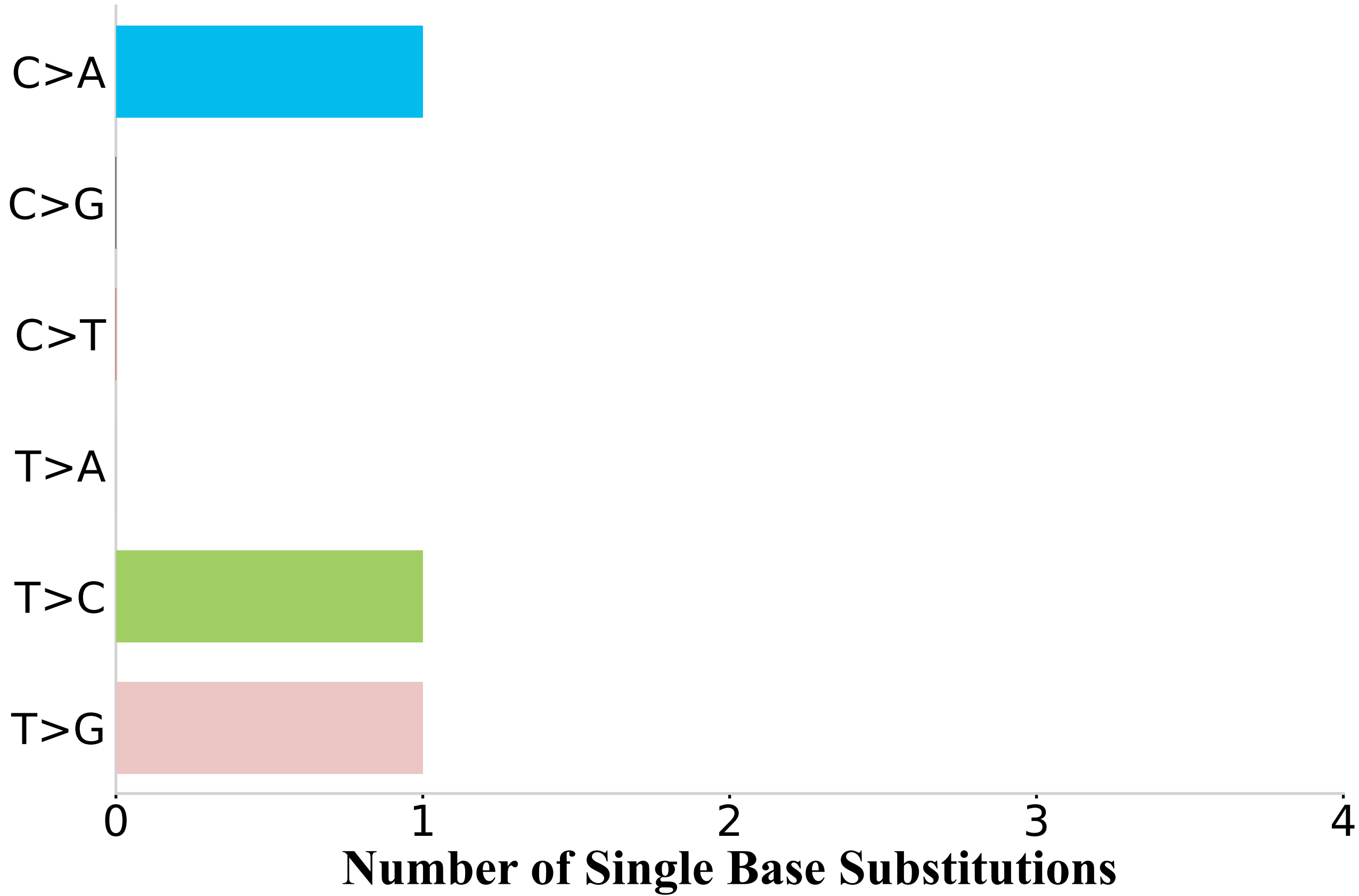
P-0010655-T01-IM5: 3 subs



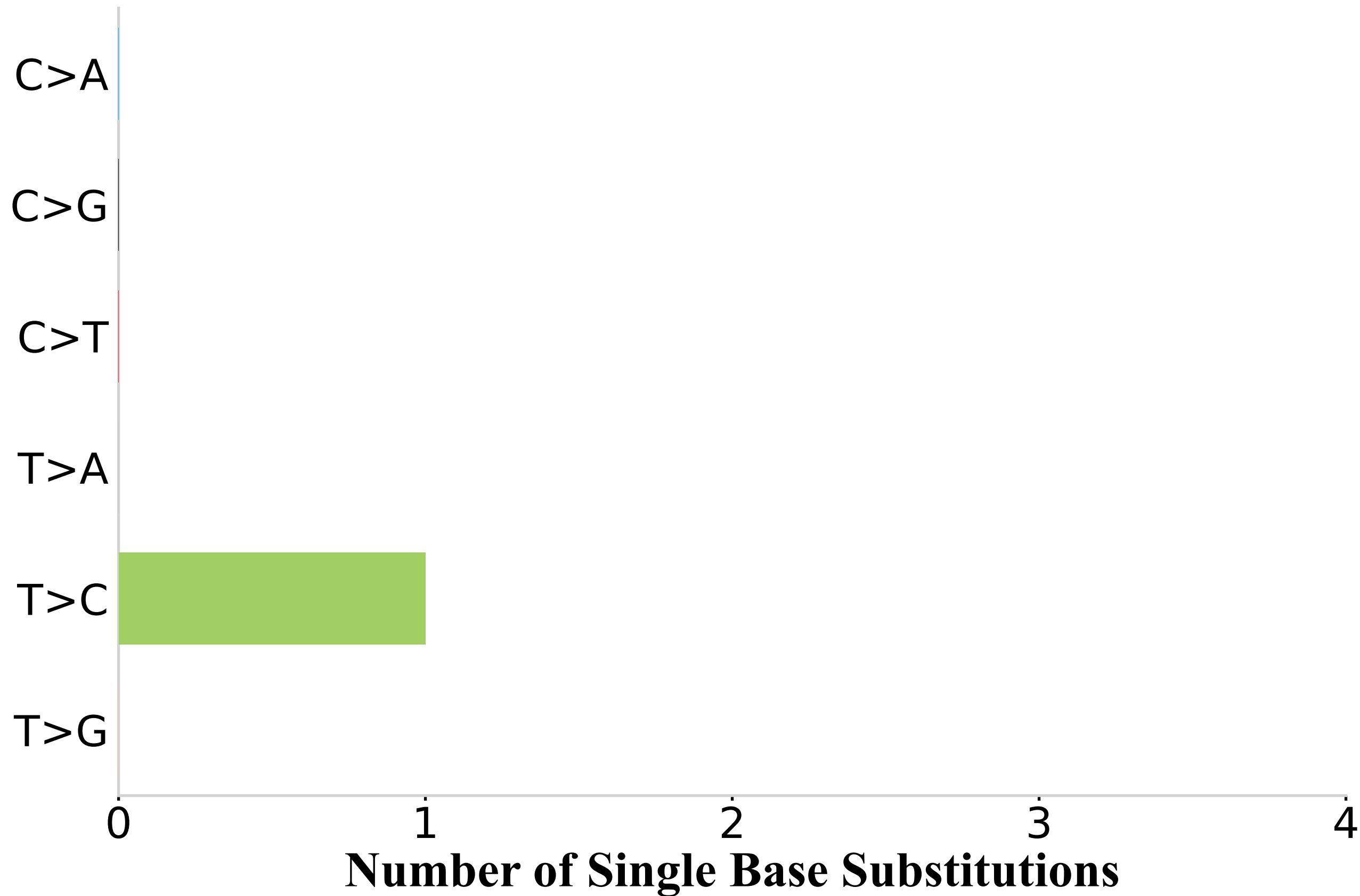
P-0010800-T01-IM5: 3 subs



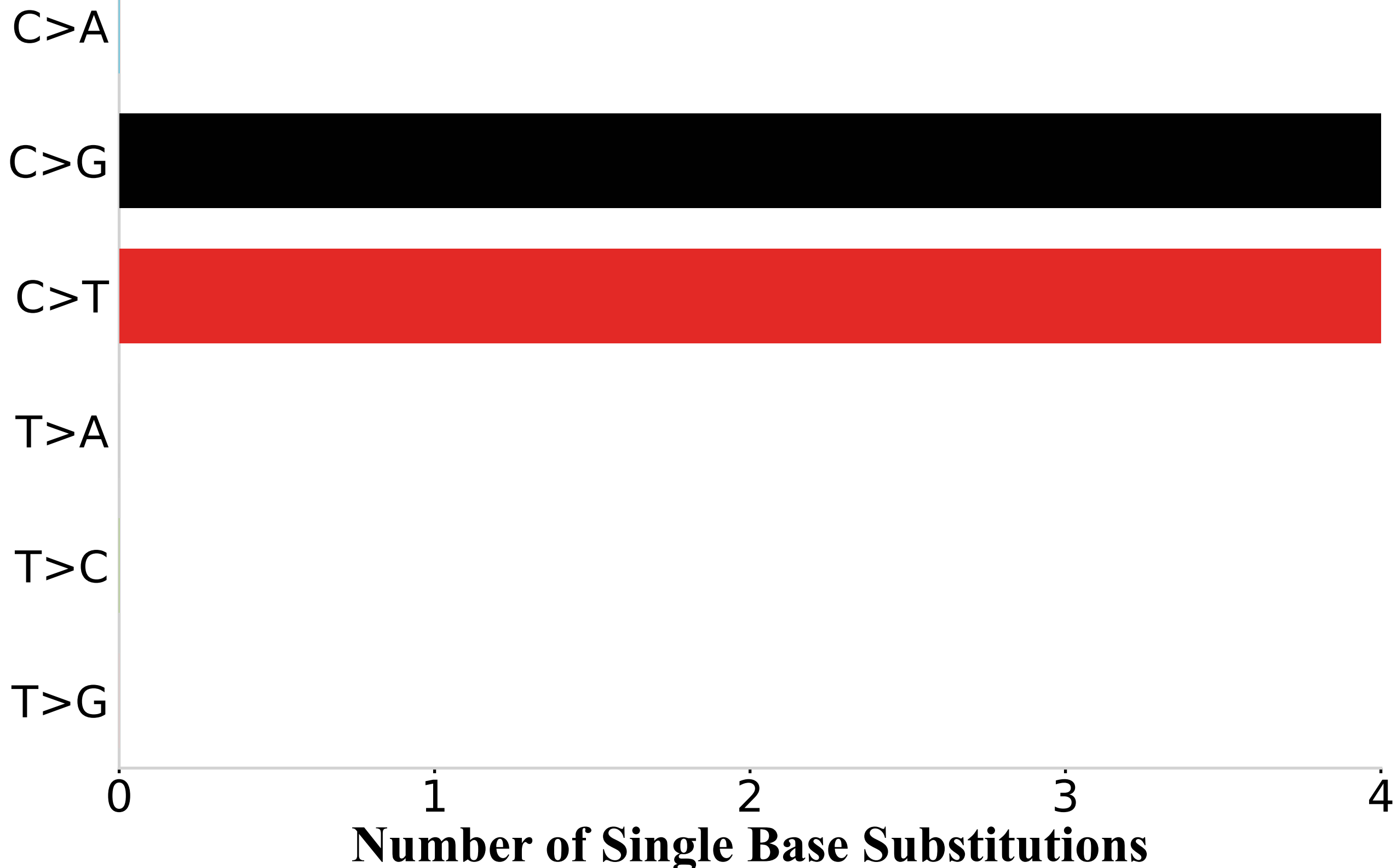
P-0010807-T01-IM5: 3 subs



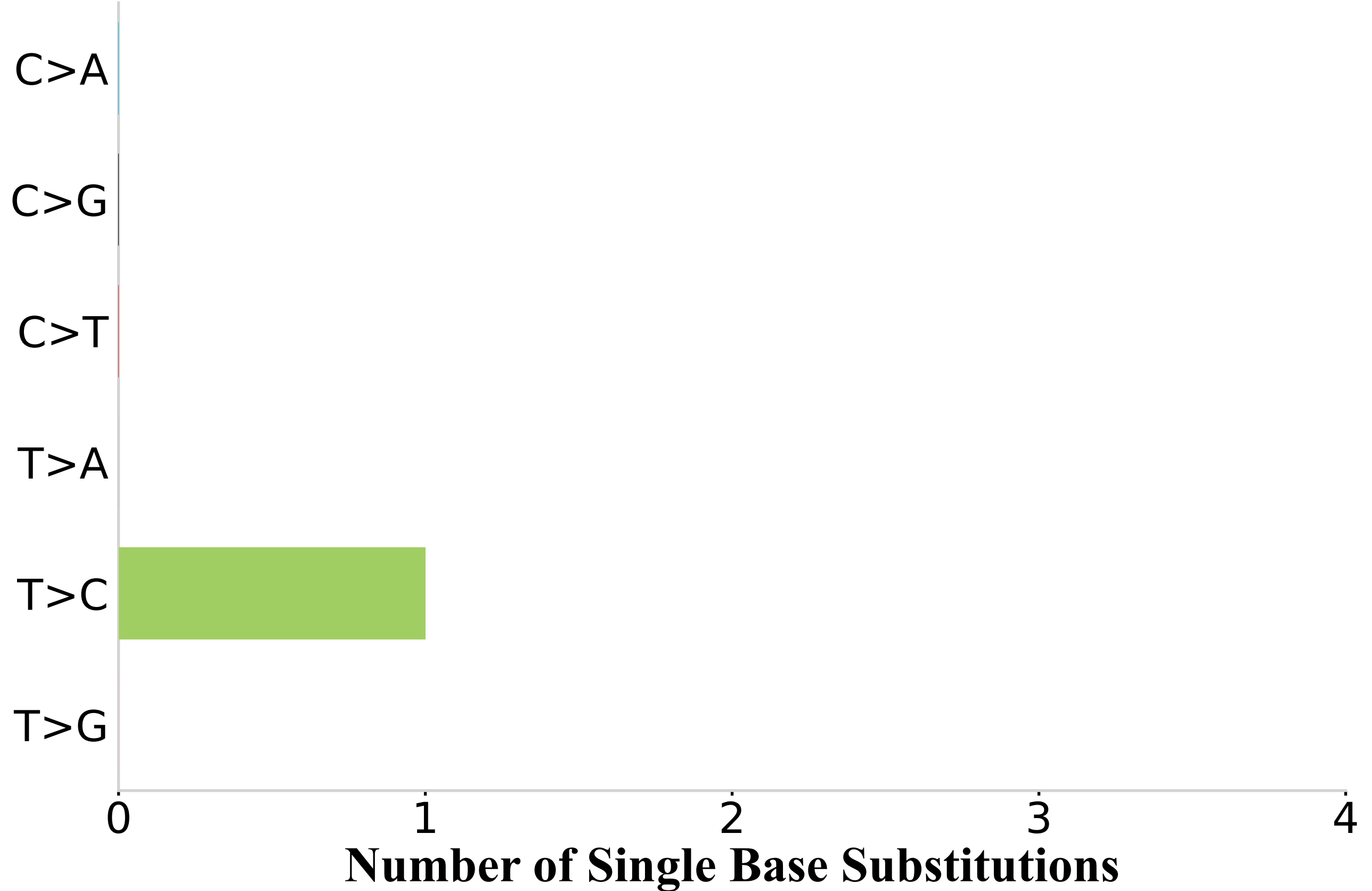
P-0010869-T01-IM5: 1 subs



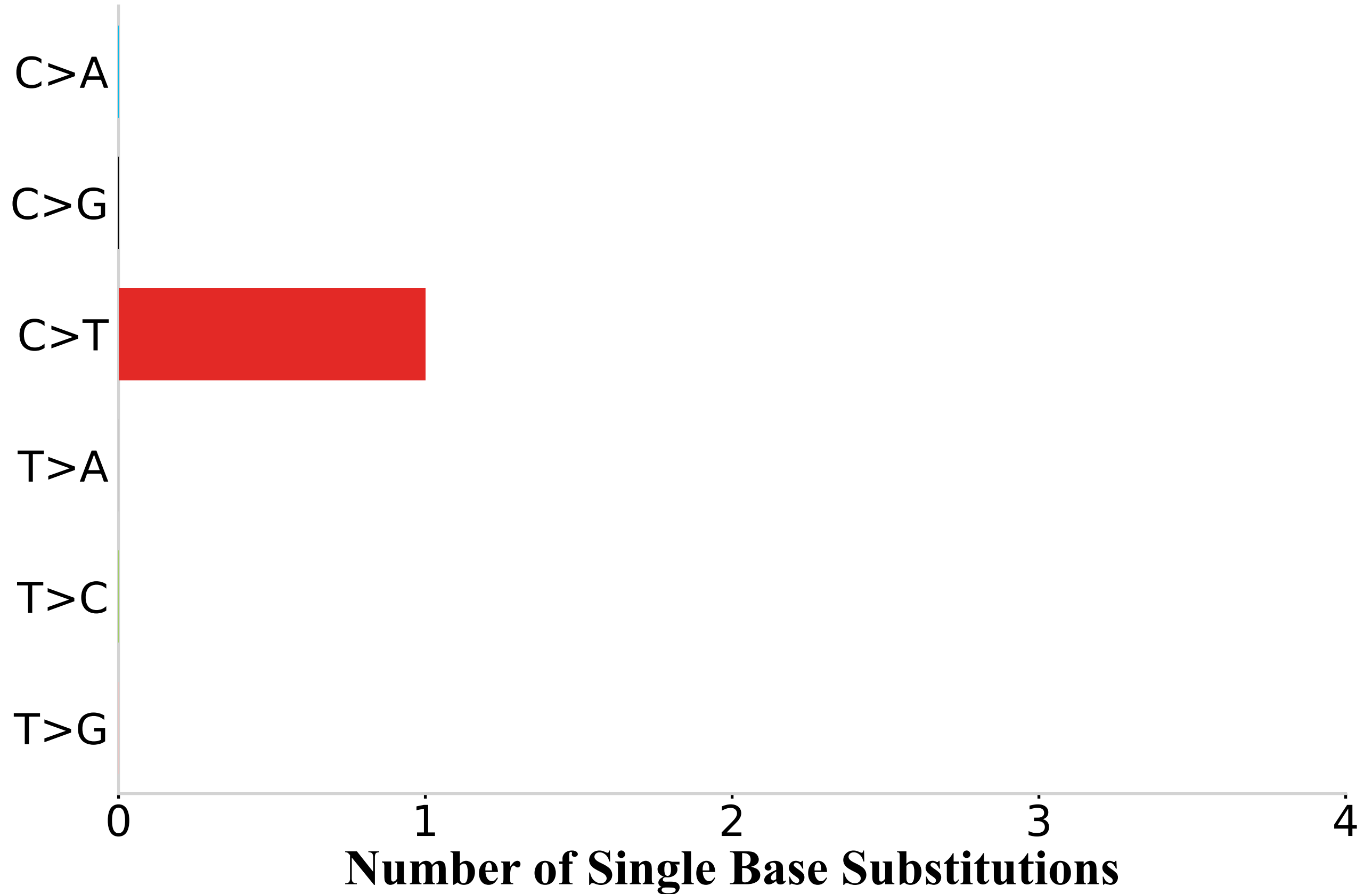
P-0010917-T01-IM5: 8 subs



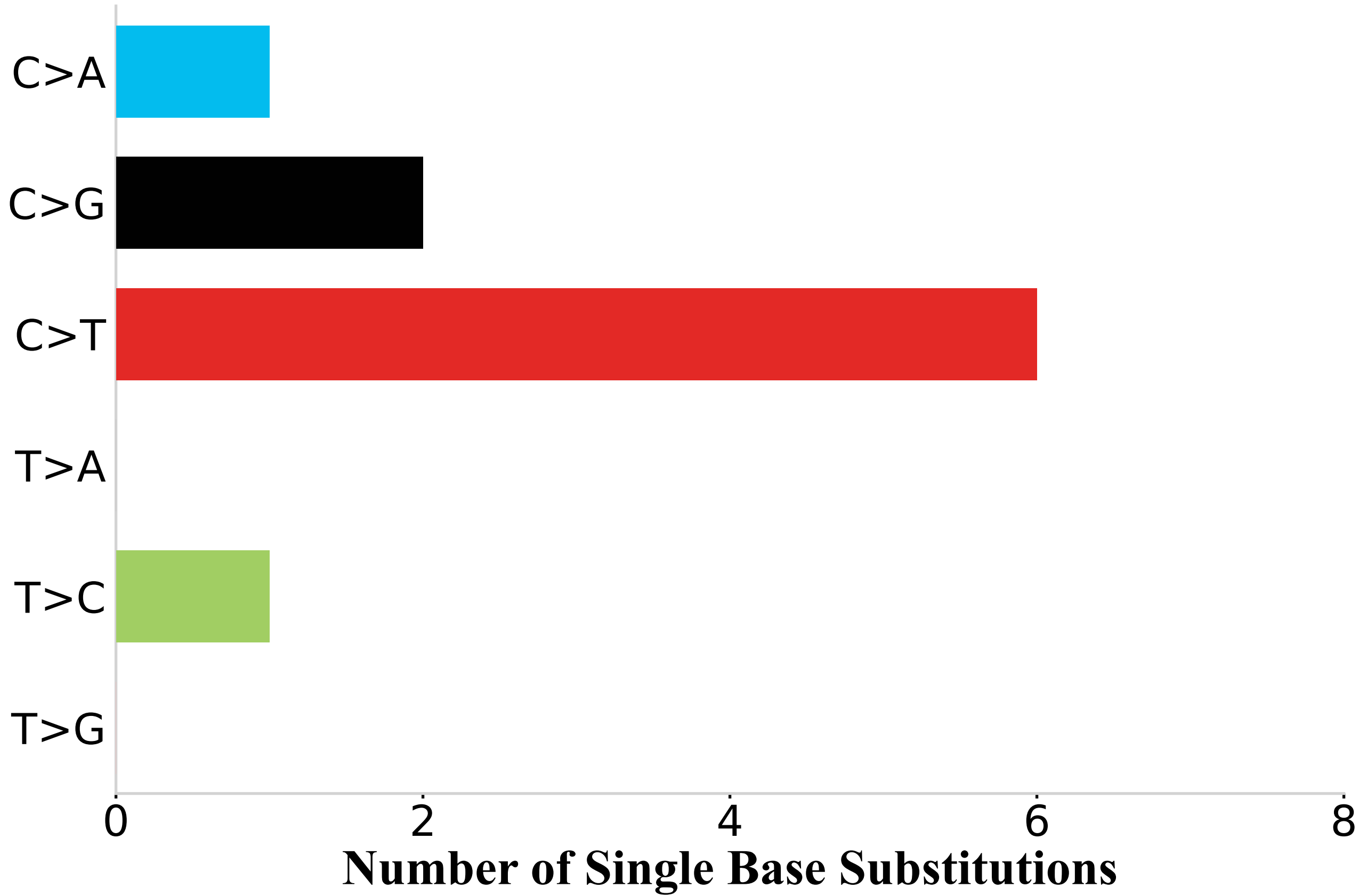
P-0010939-T01-IM5: 1 subs



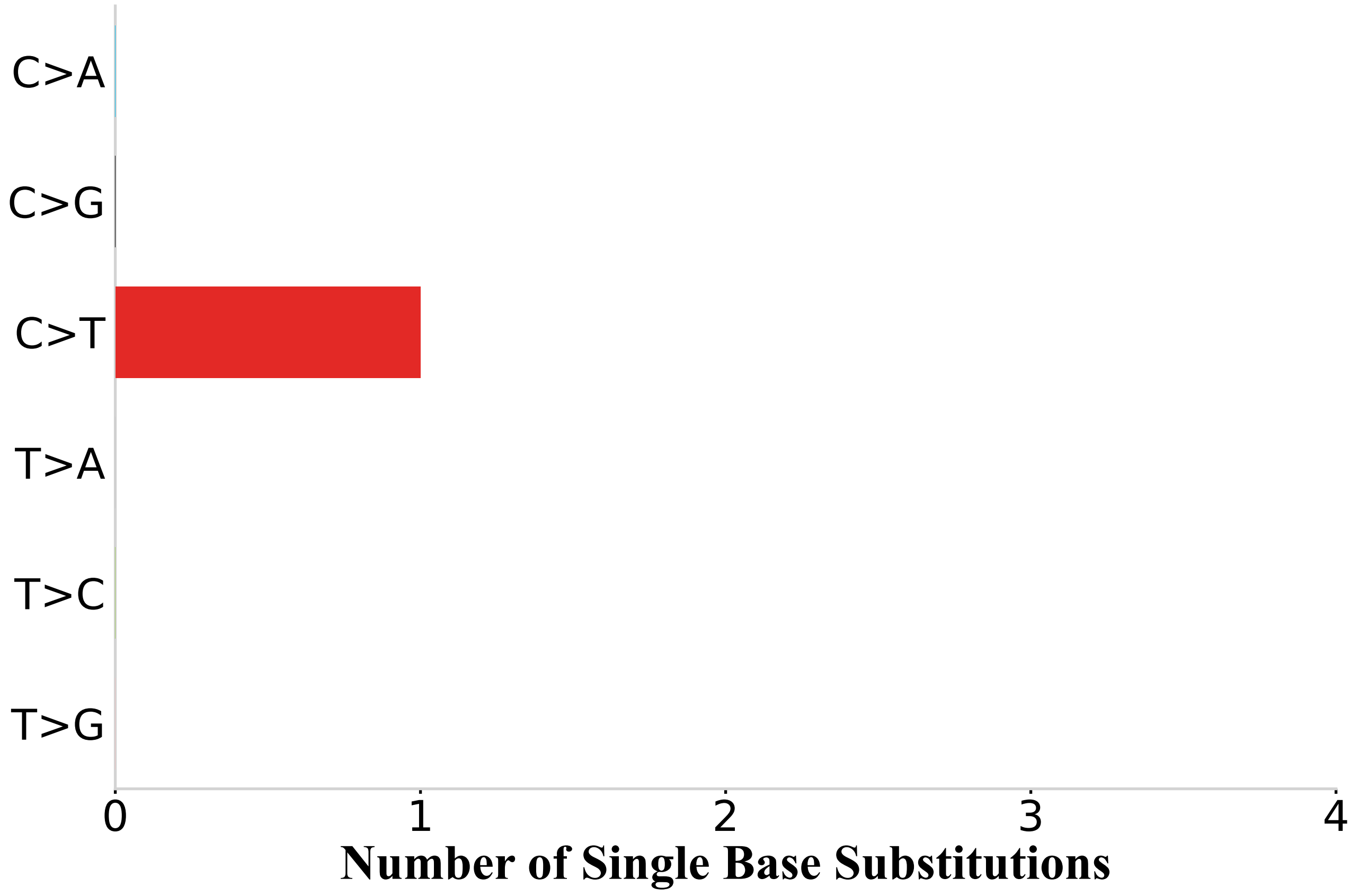
P-0011176-T01-IM5: 1 subs



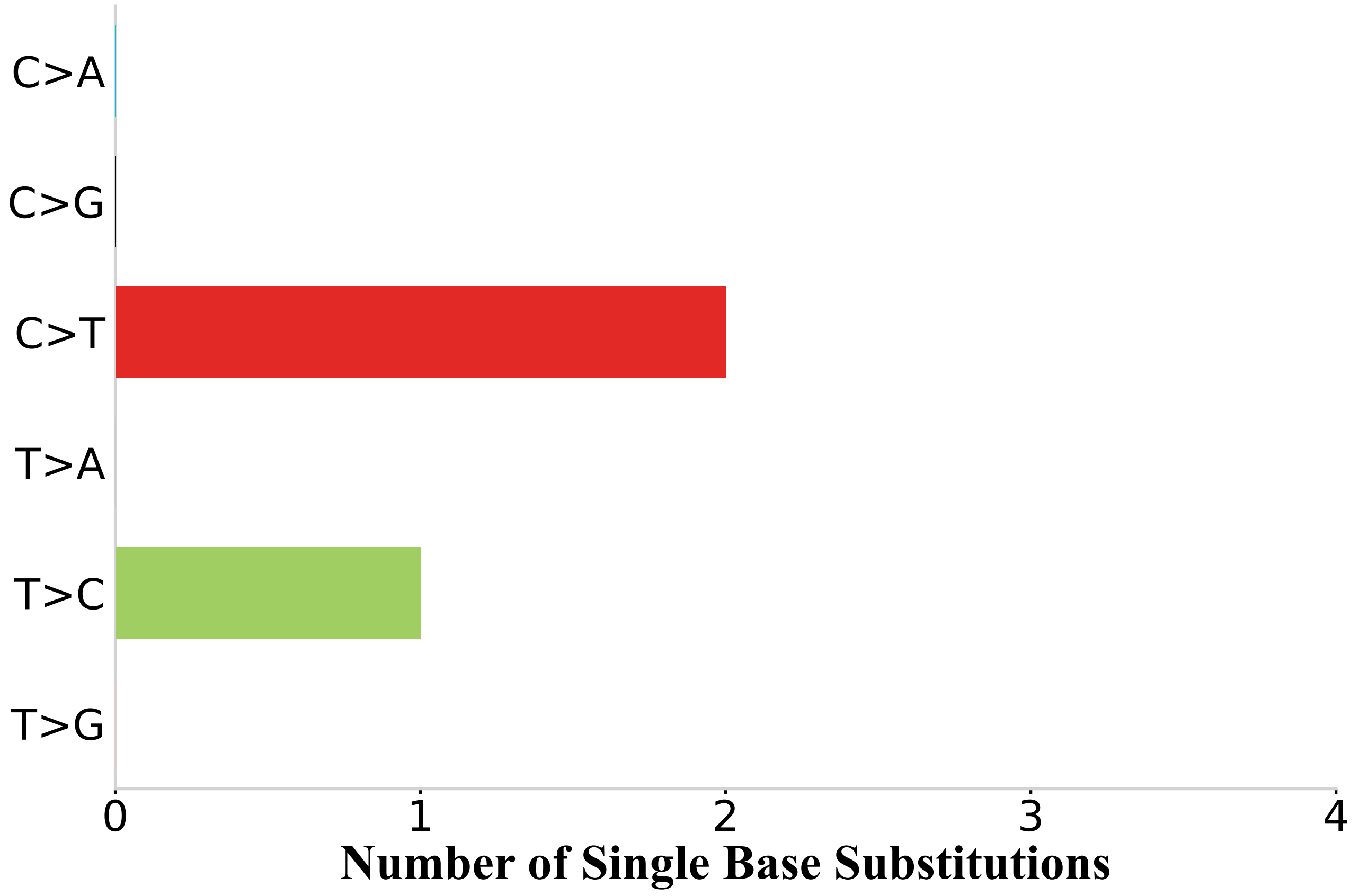
P-0011400-T01-IM5: 10 subs



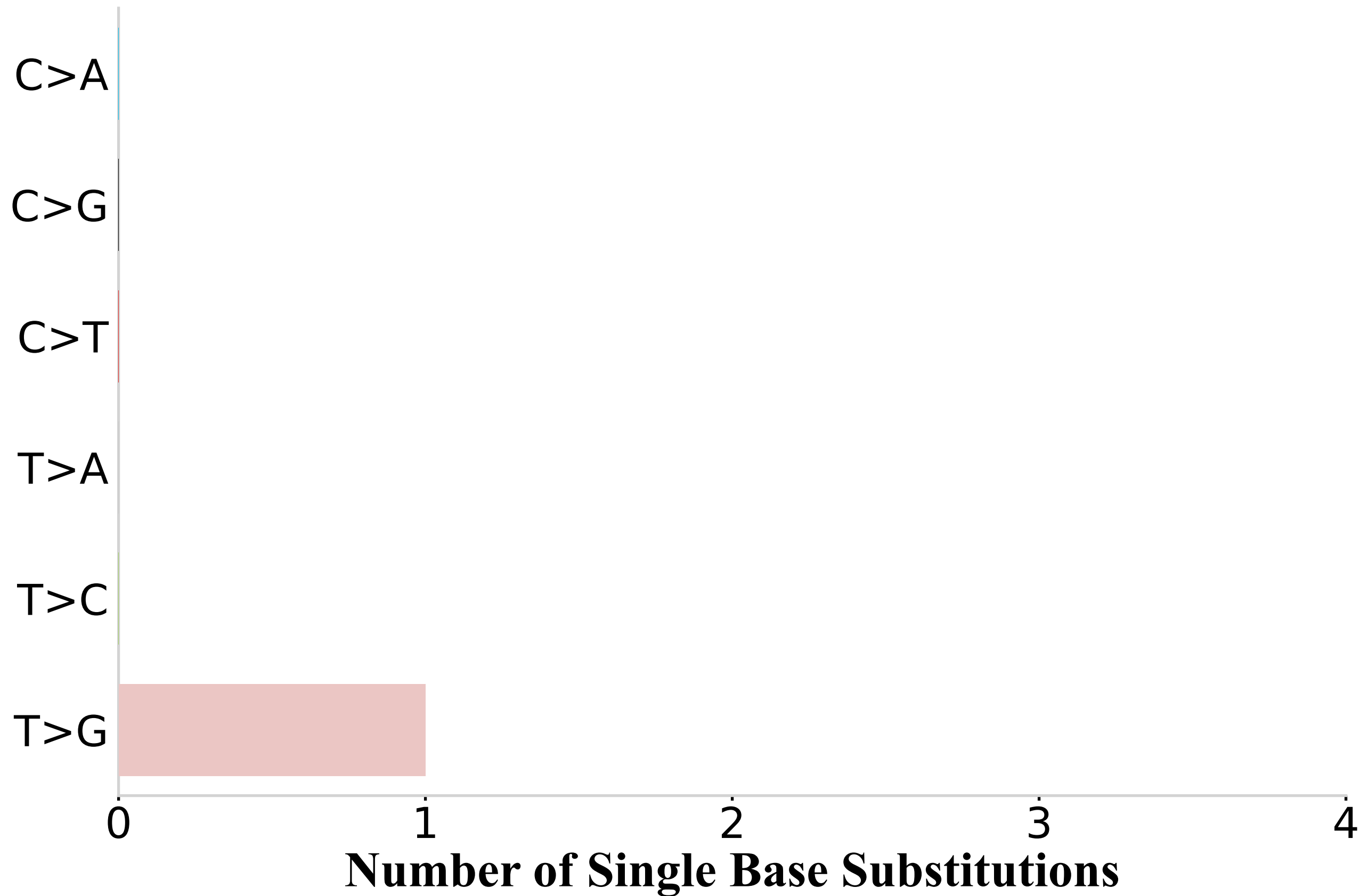
P-0011590-T01-IM5: 1 subs



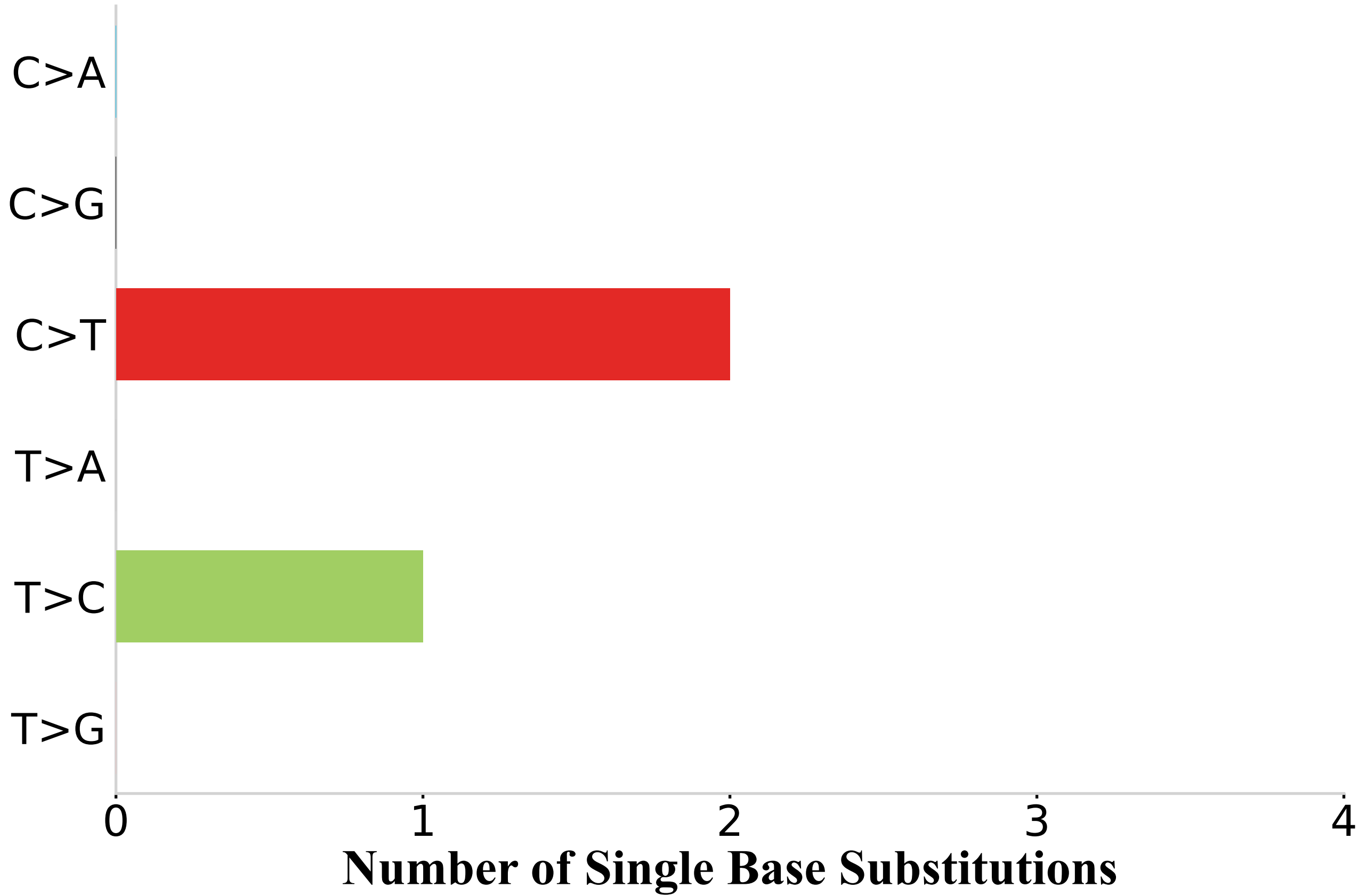
P-0011593-T01-IM5: 3 subs



P-0012130-T01-IM5: 1 subs



P-0012146-T02-IM6: 3 subs



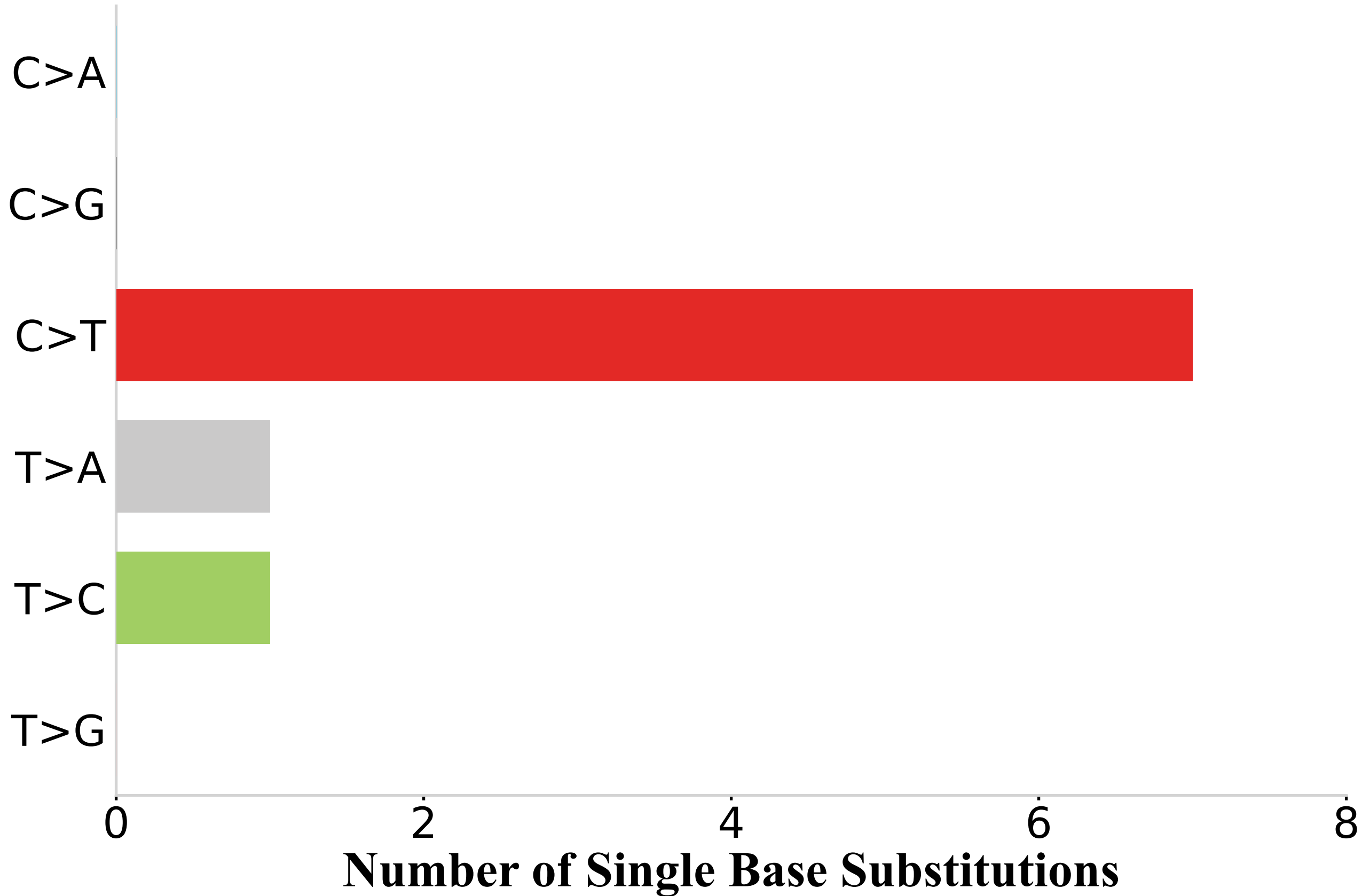
P-0012243-T01-IM5: 1 subs



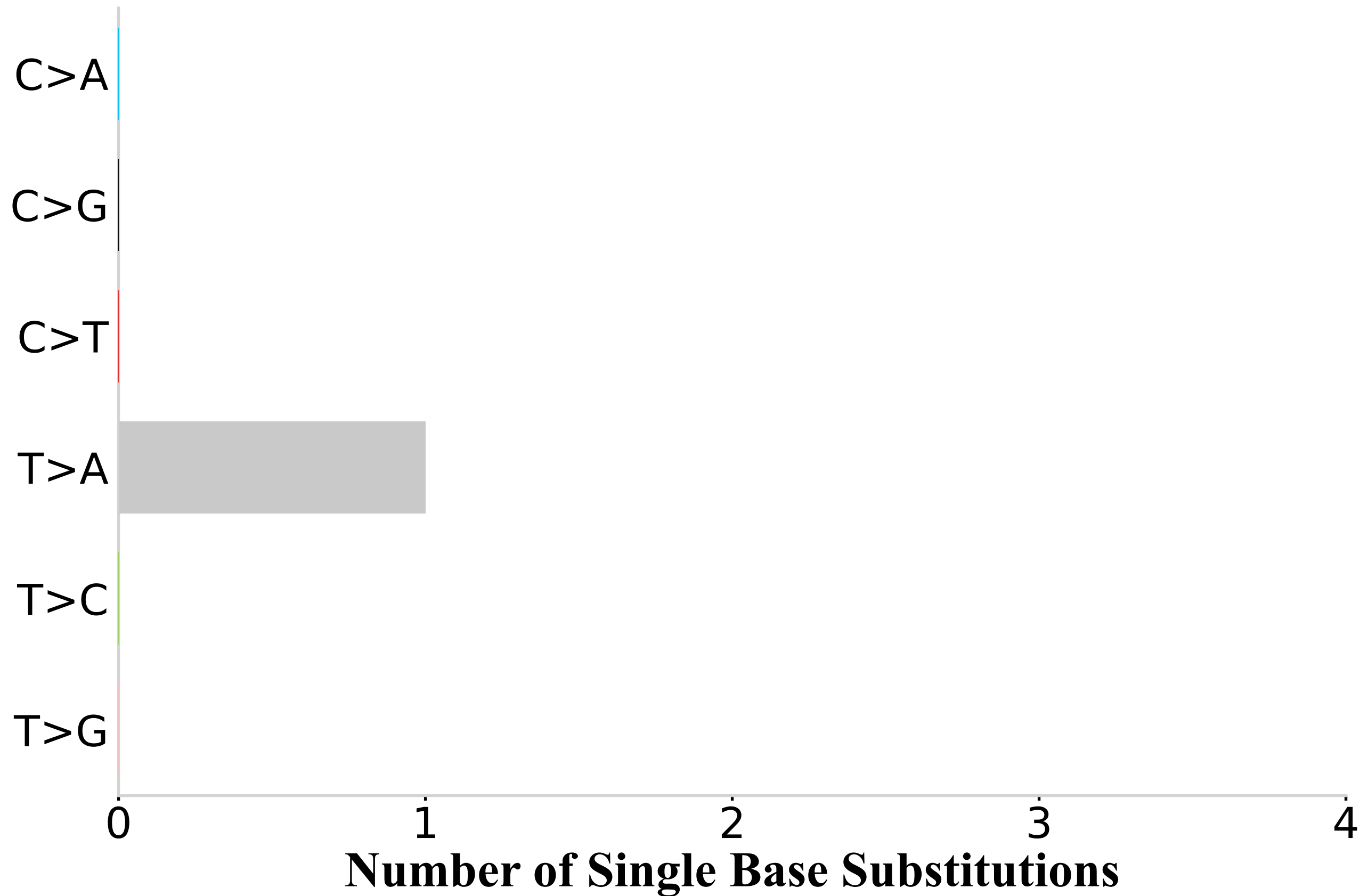
P-0012362-T01-IM5: 2 subs



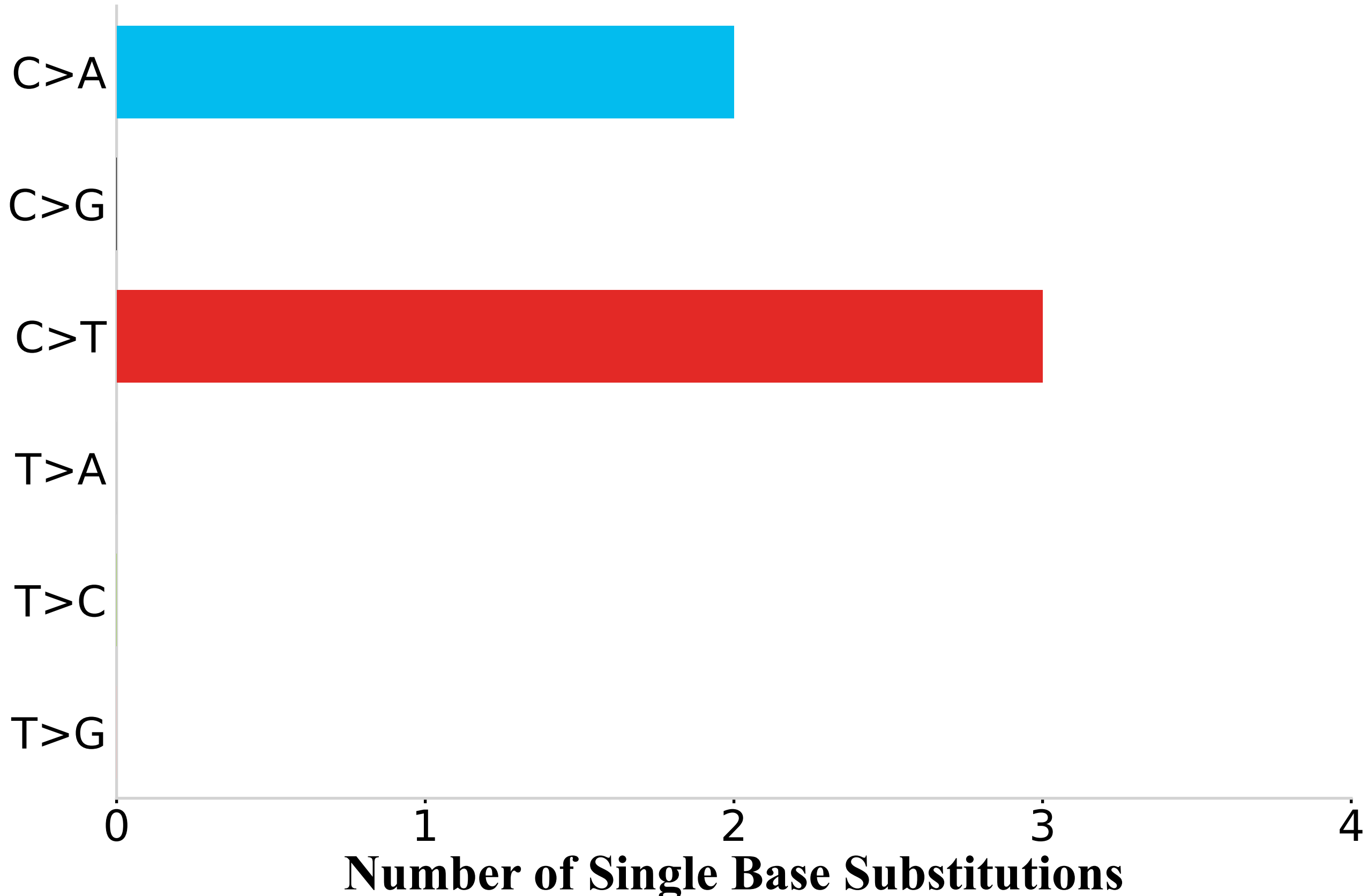
P-0012534-T01-IM5: 9 subs



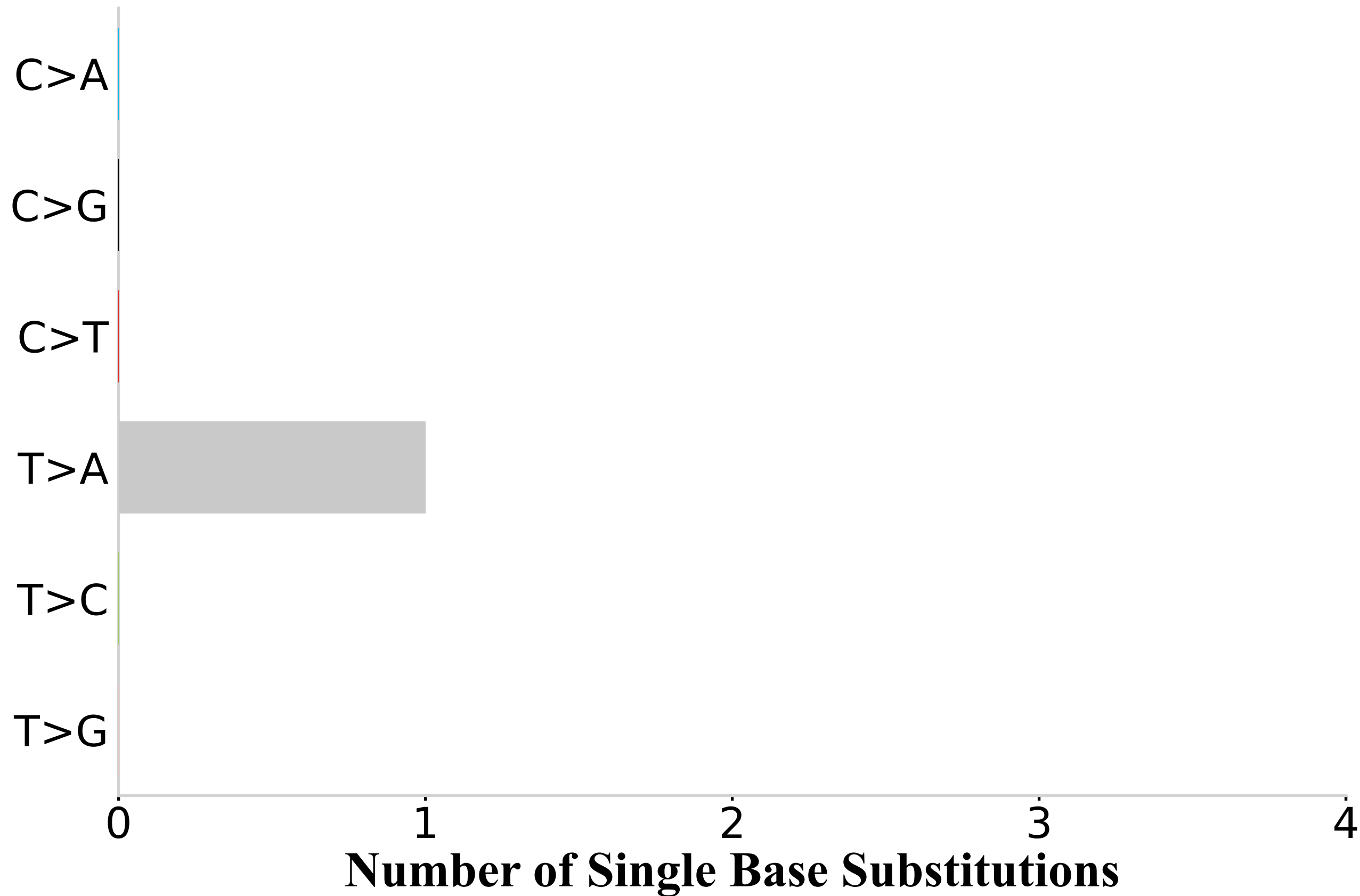
P-0012632-T01-IM5: 1 subs



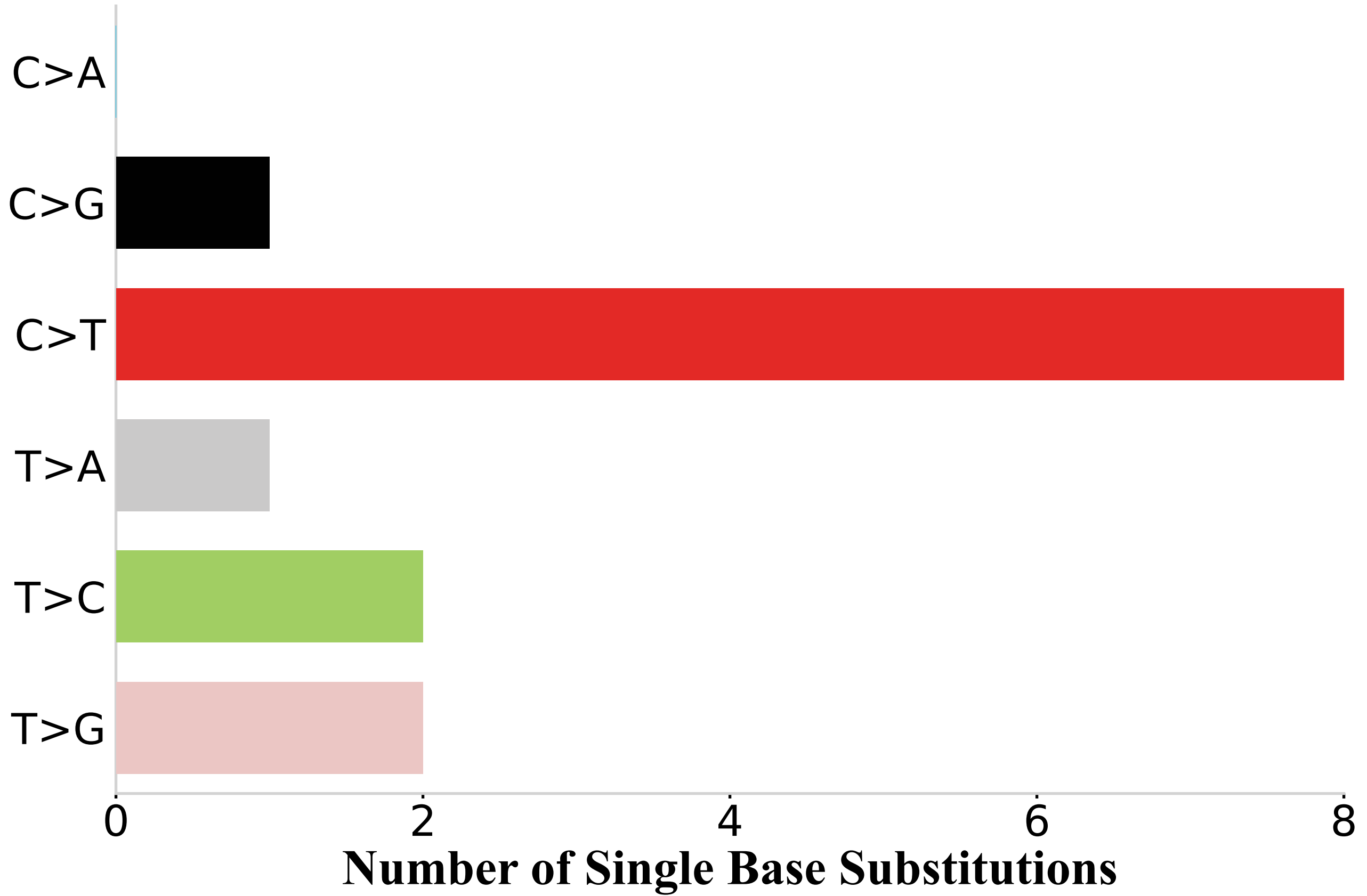
P-0012820-T01-IM5: 5 subs



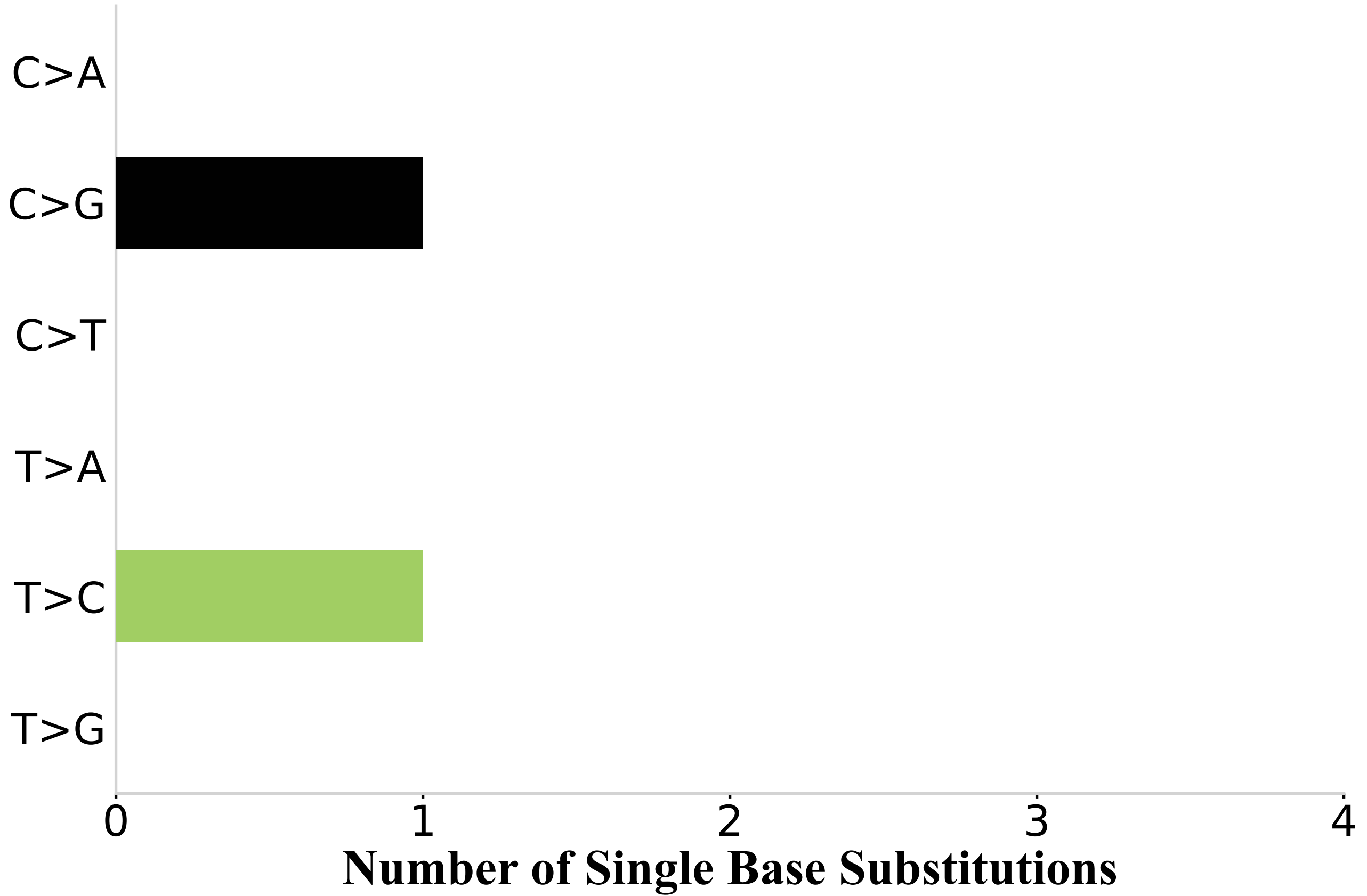
P-0013043-T01-IM5: 1 subs



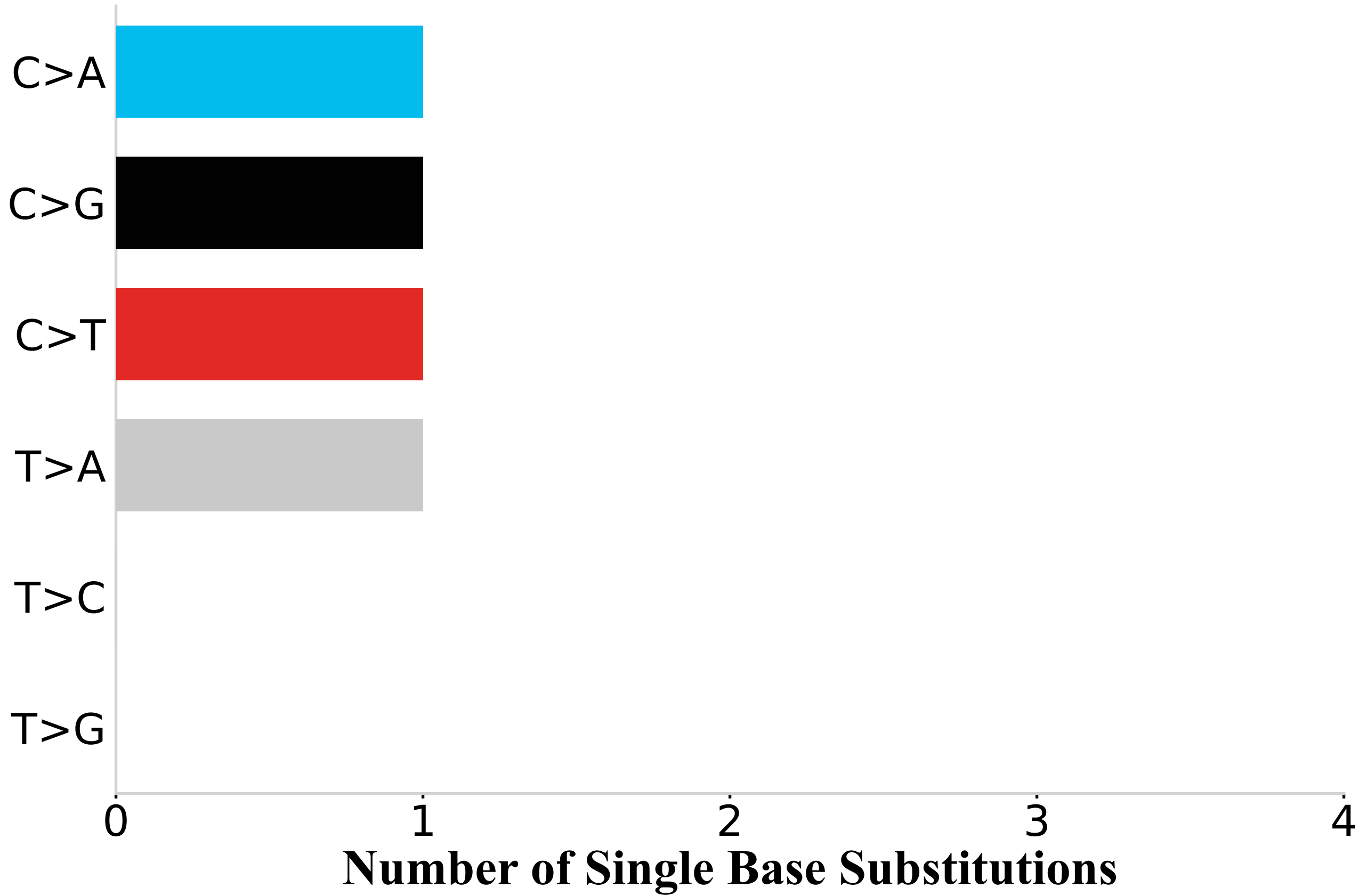
P-0013105-T01-IM5: 14 subs



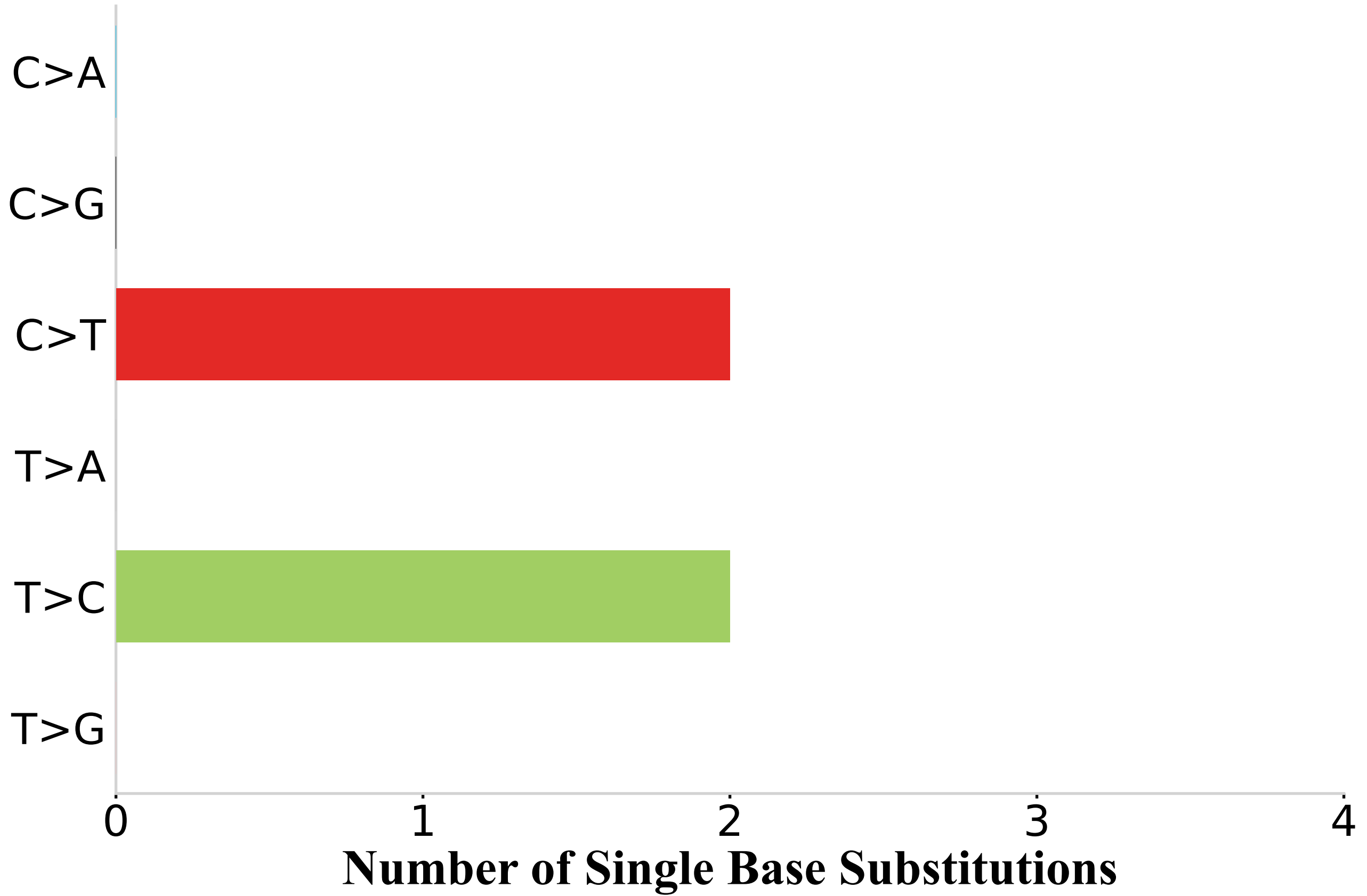
P-0013118-T01-IM5: 2 subs



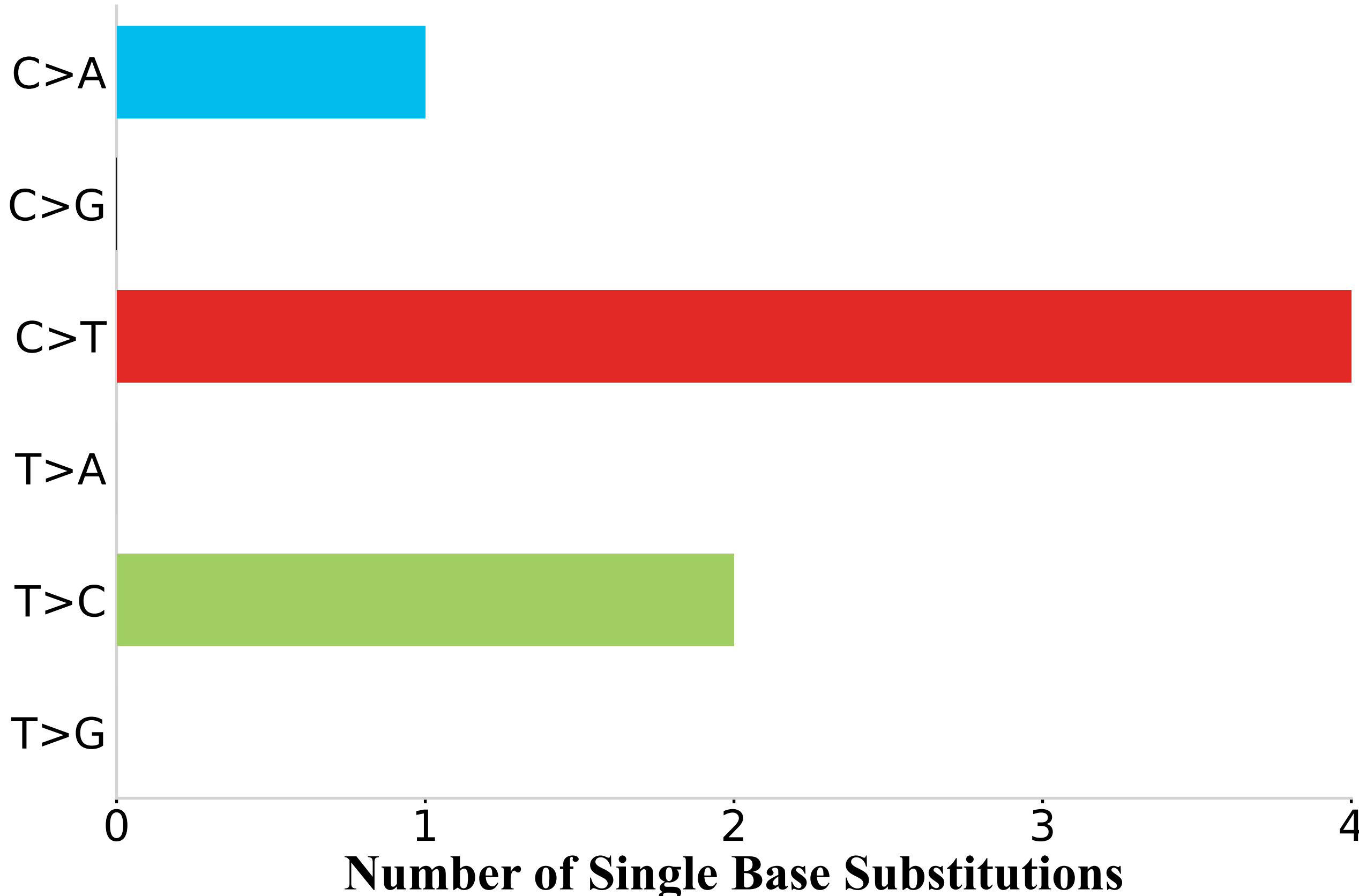
P-0013411-T02-IM6: 4 subs



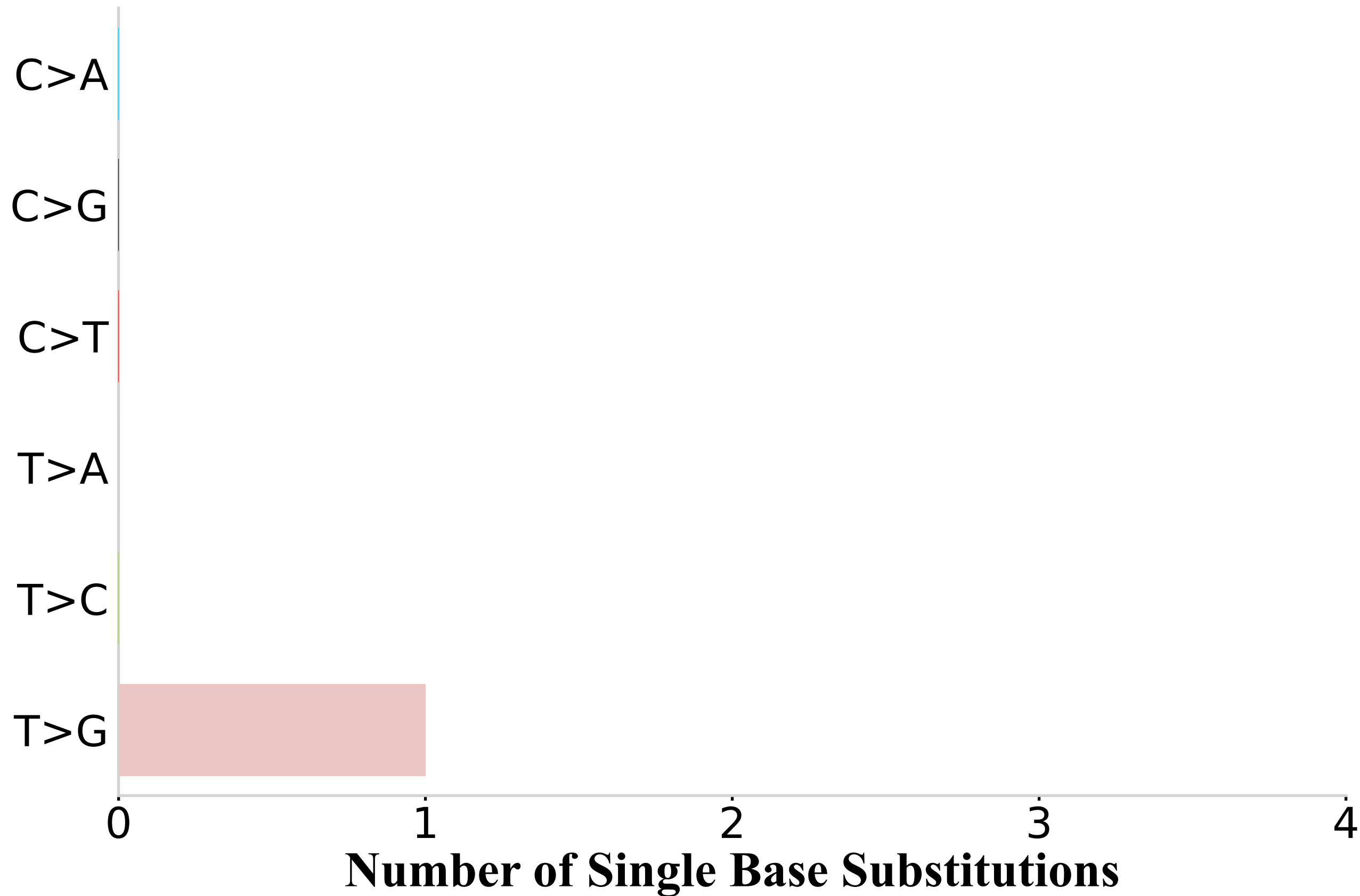
P-0013562-T01-IM5: 4 subs



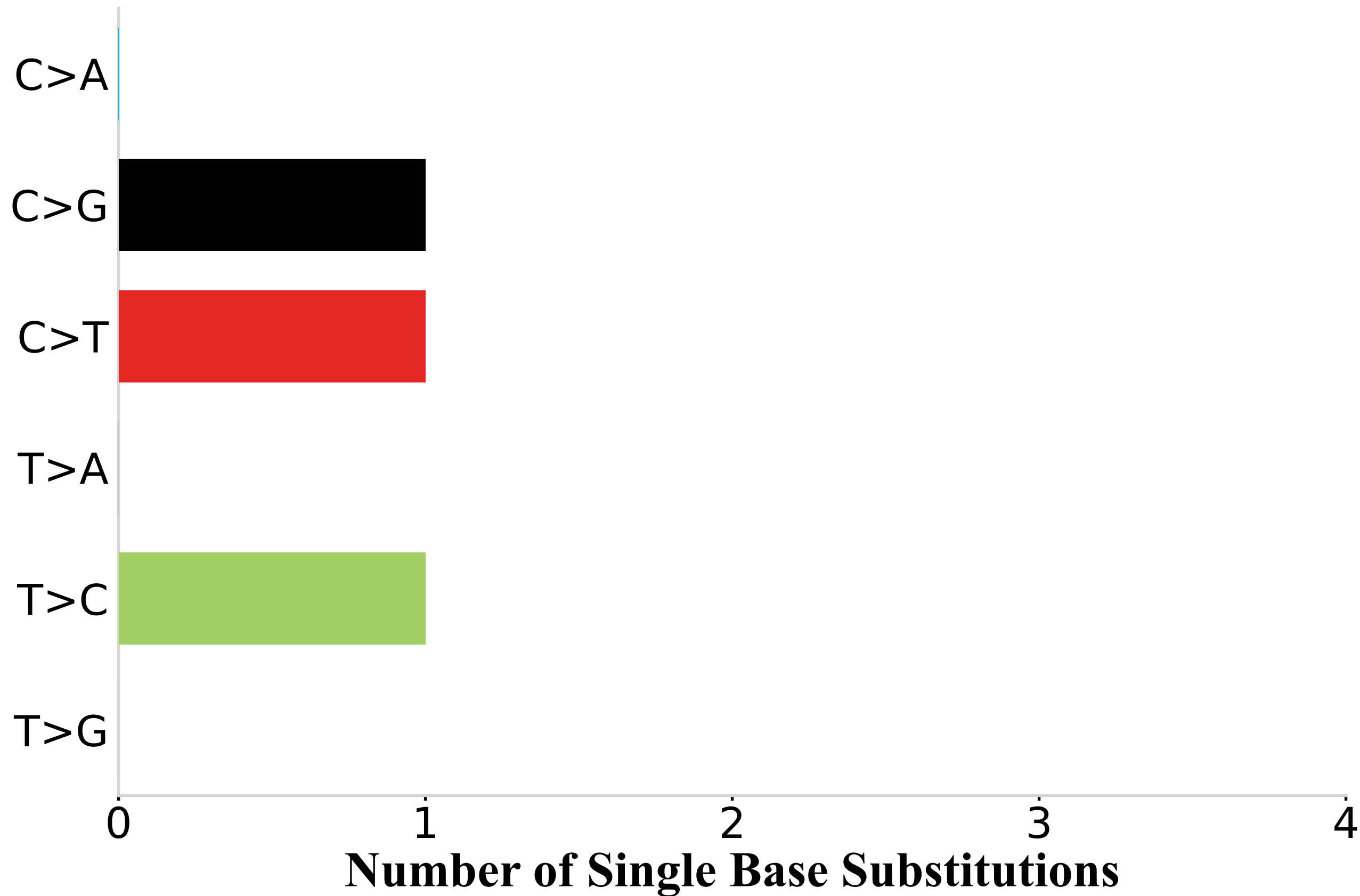
P-0013568-T01-IM5: 7 subs



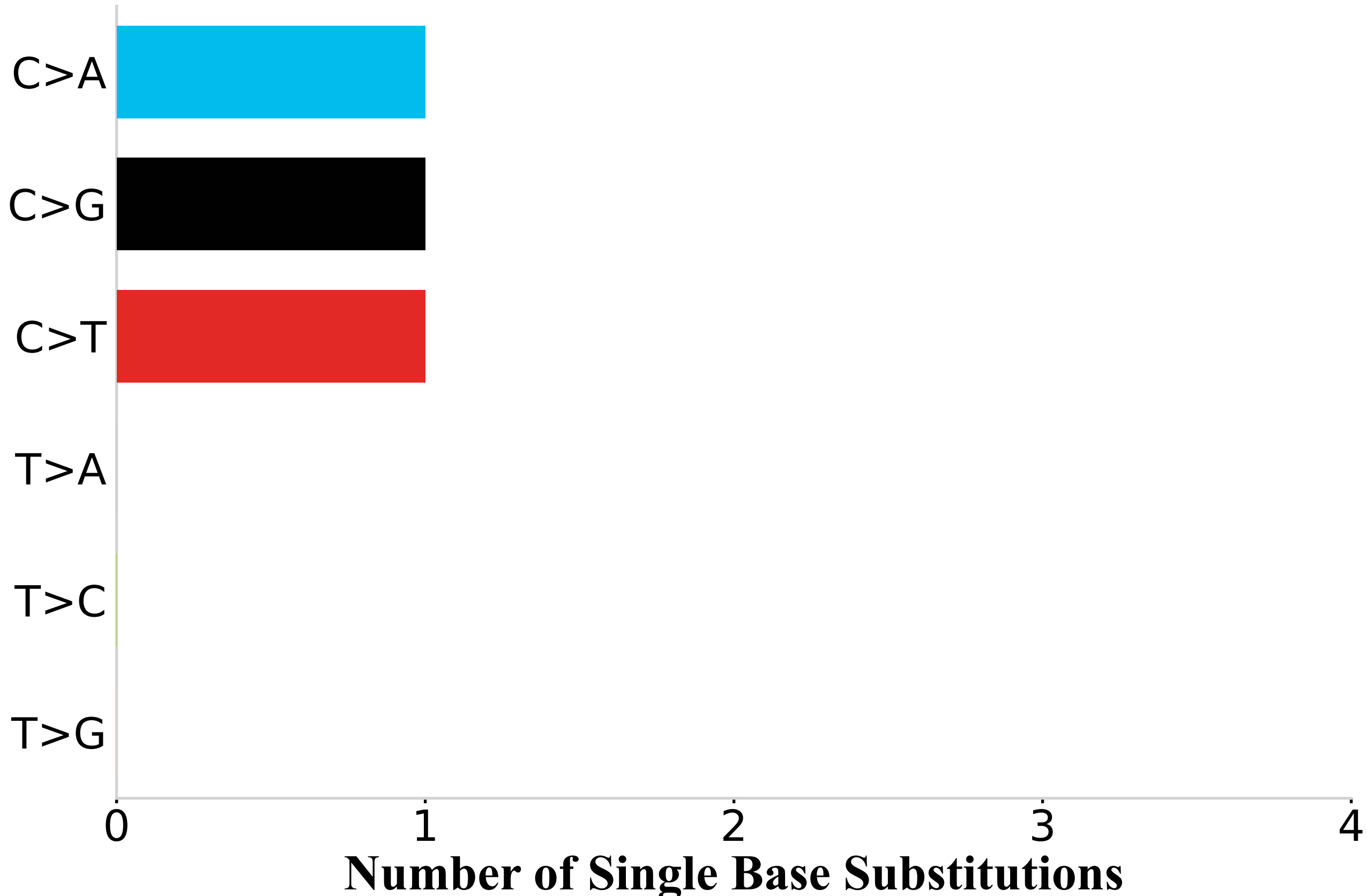
P-0013640-T01-IM5: 1 subs



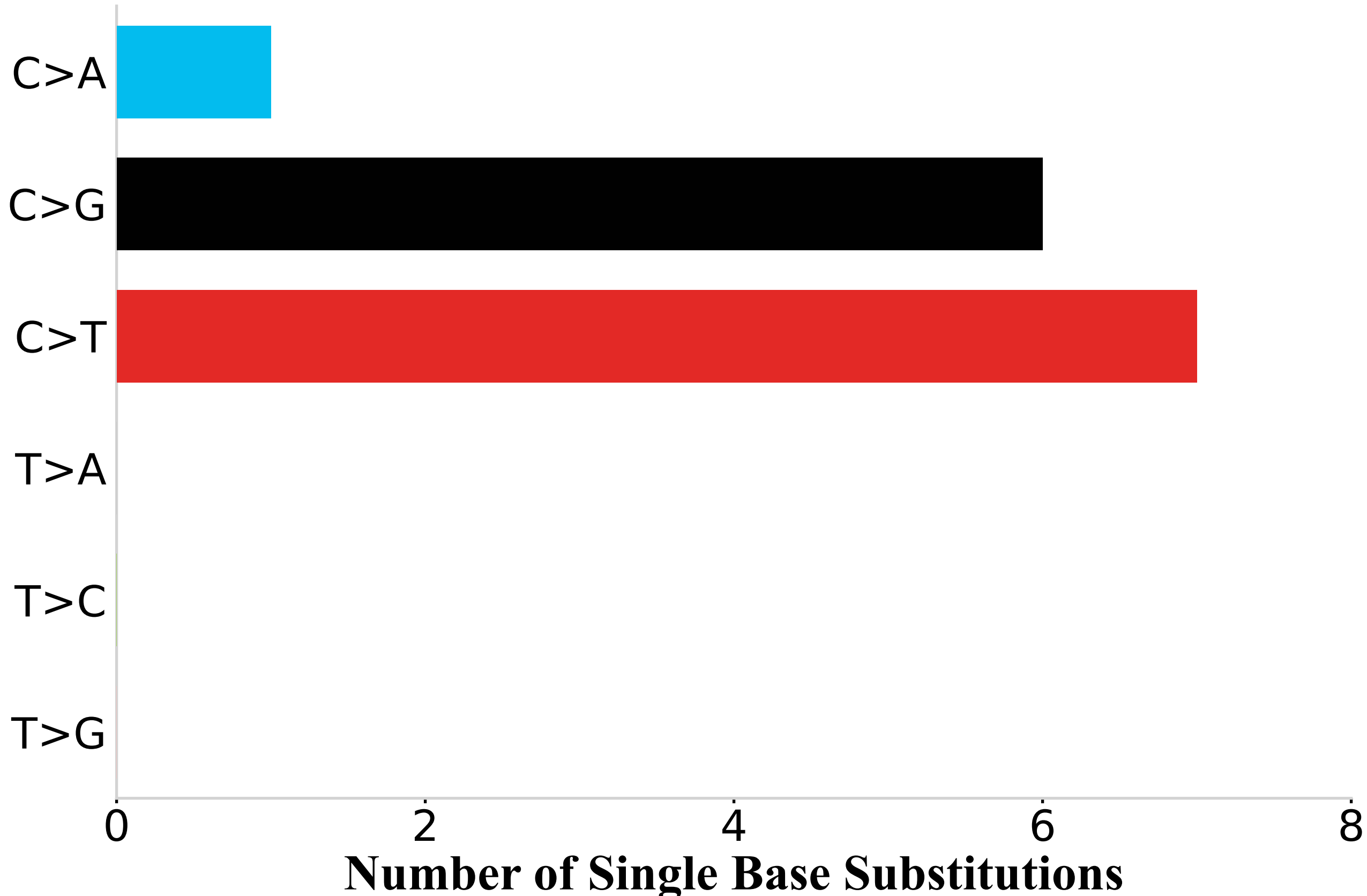
P-0013715-T01-IM5: 3 subs



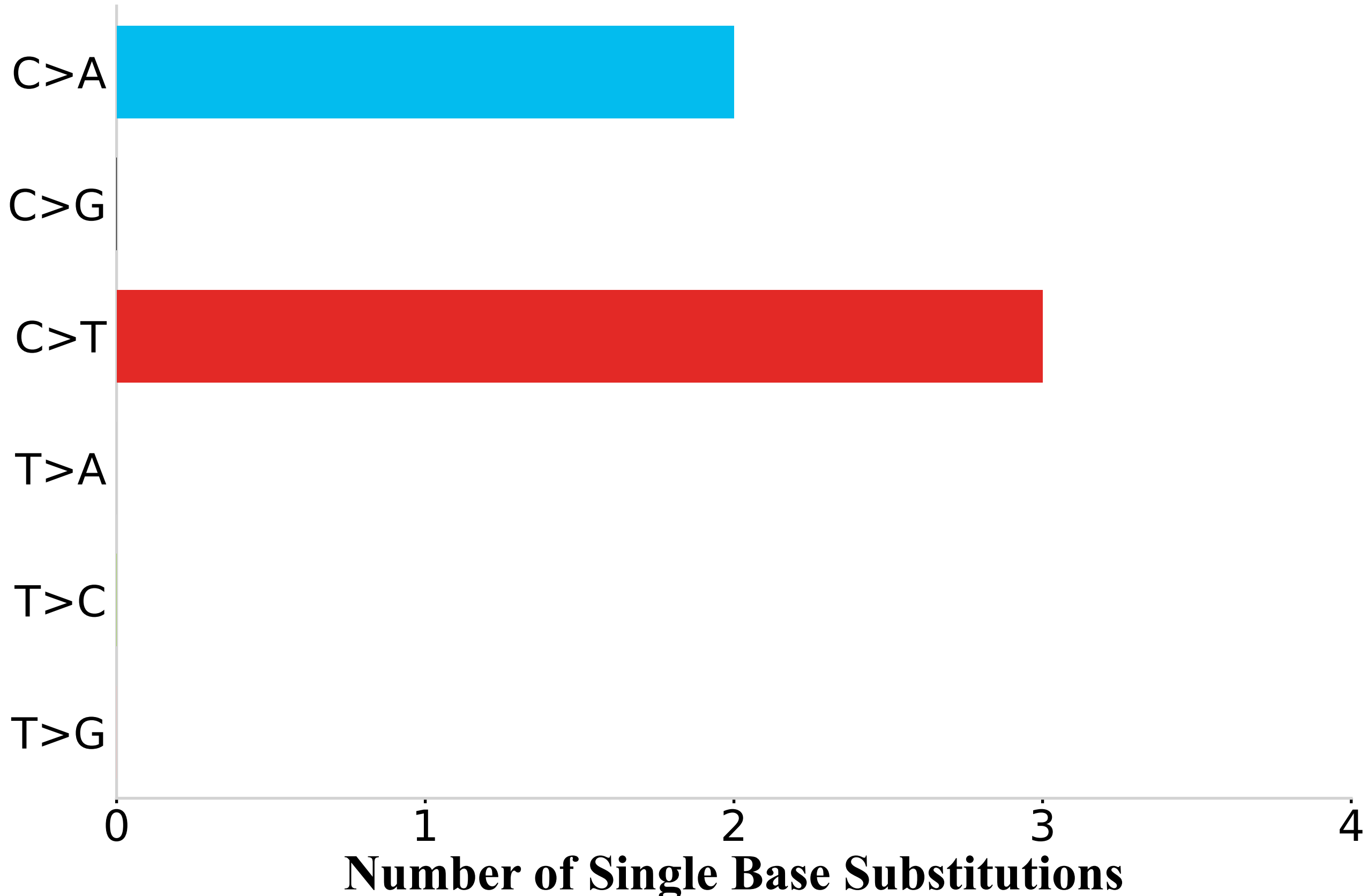
P-0013751-T01-IM5: 3 subs



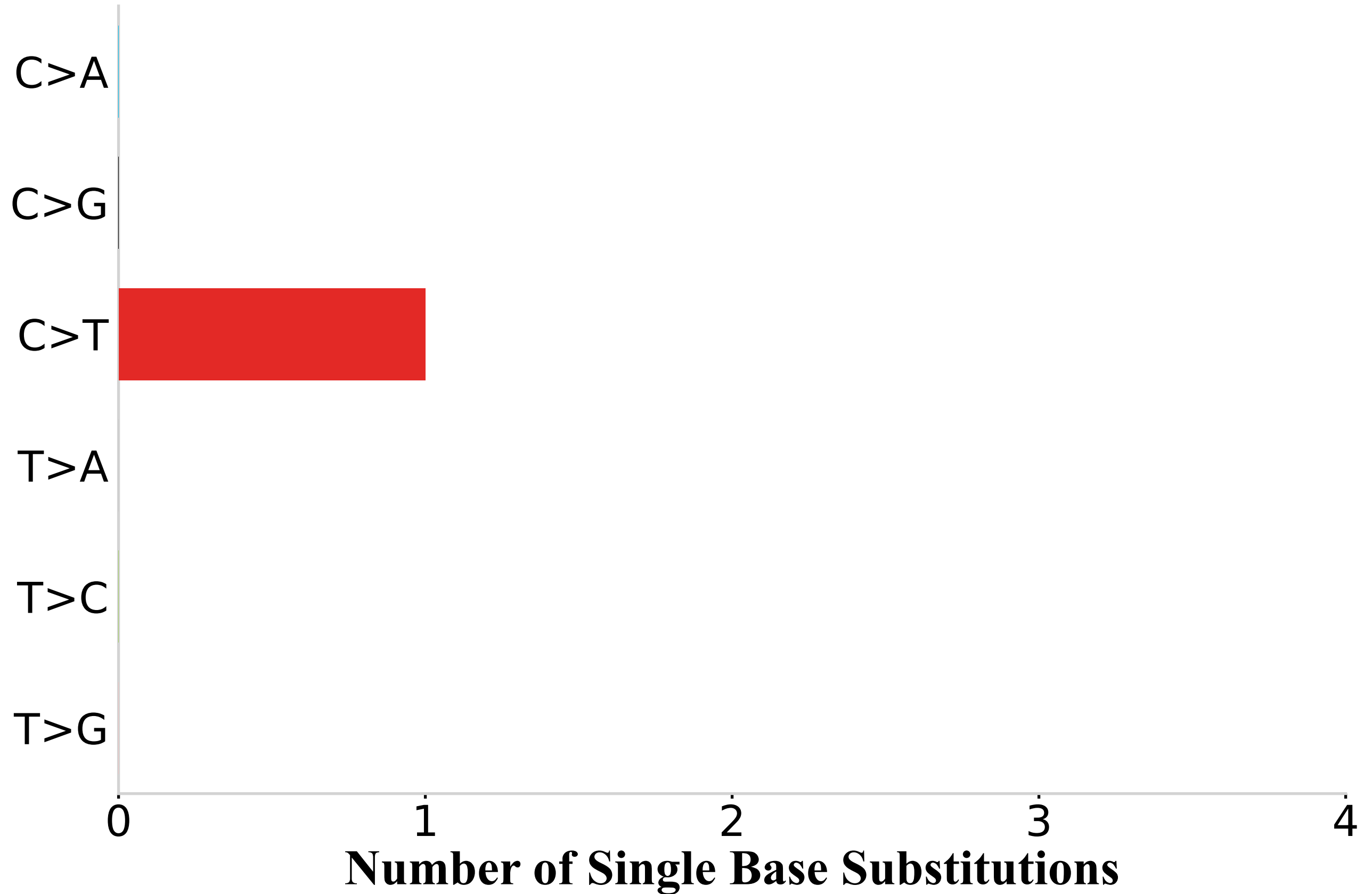
P-0013895-T01-IM5: 14 subs



P-0014298-T01-IM6: 5 subs



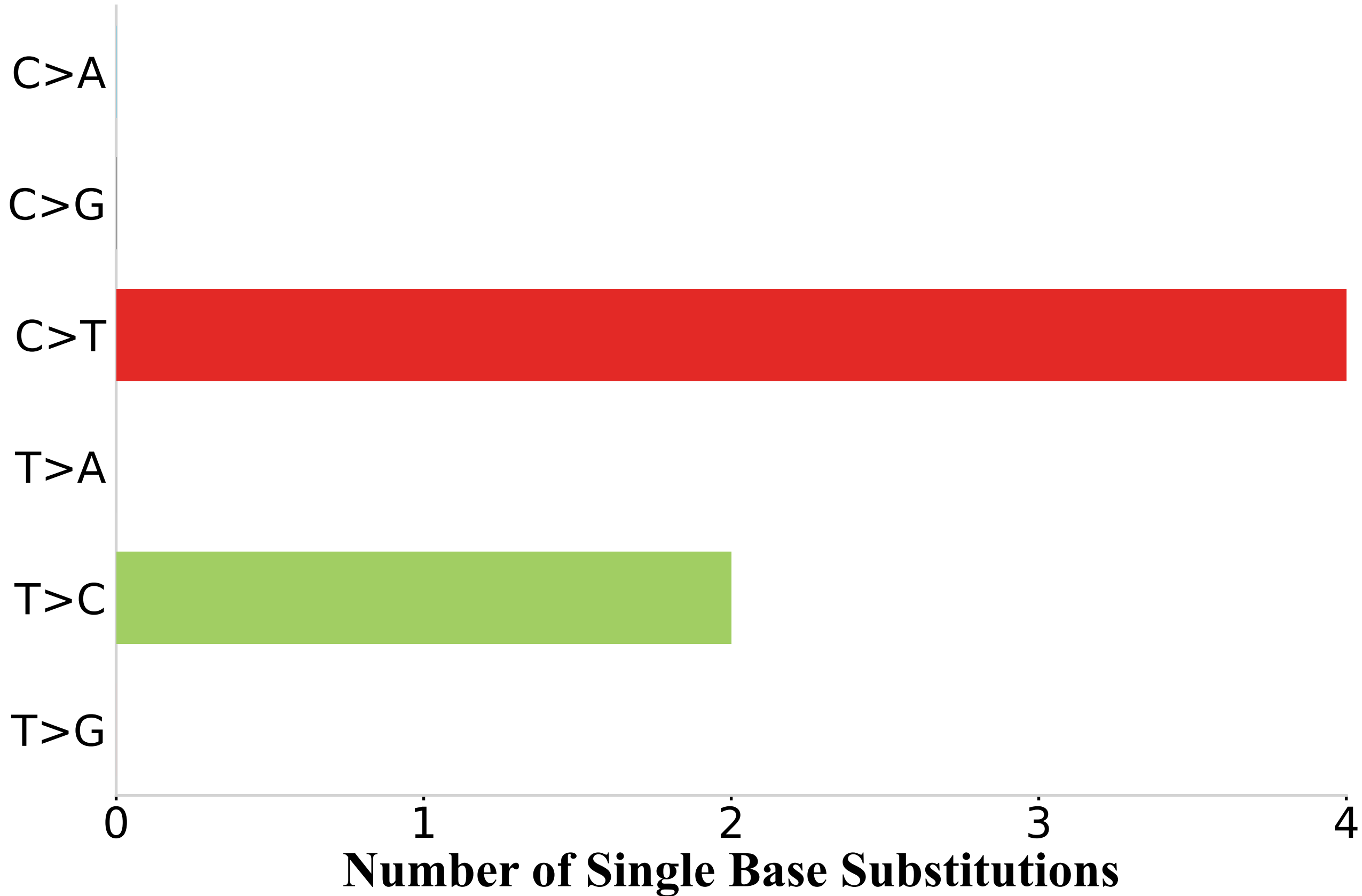
P-0014324-T01-IM6: 1 subs



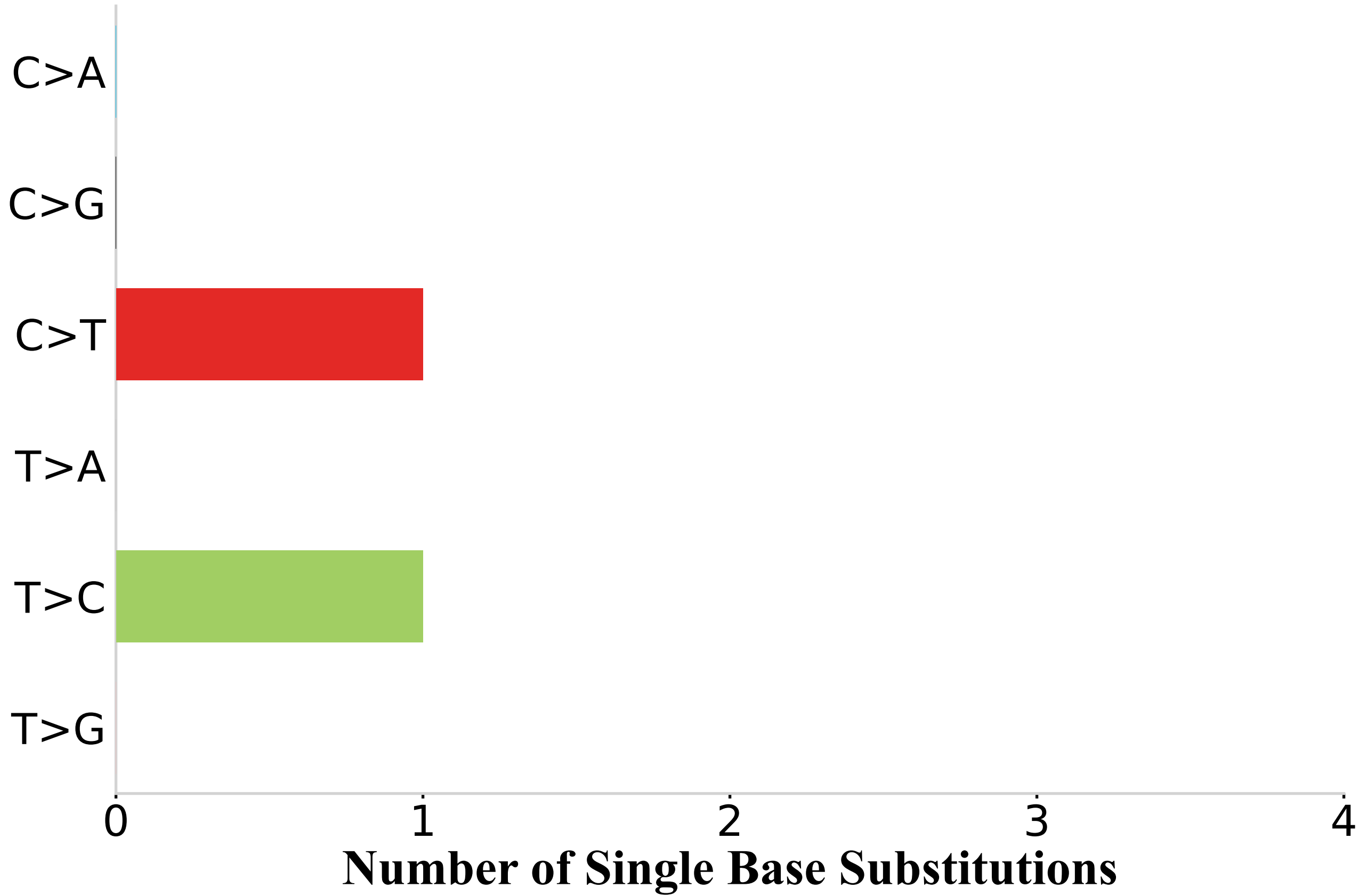
P-0014372-T02-IM6: 2 subs



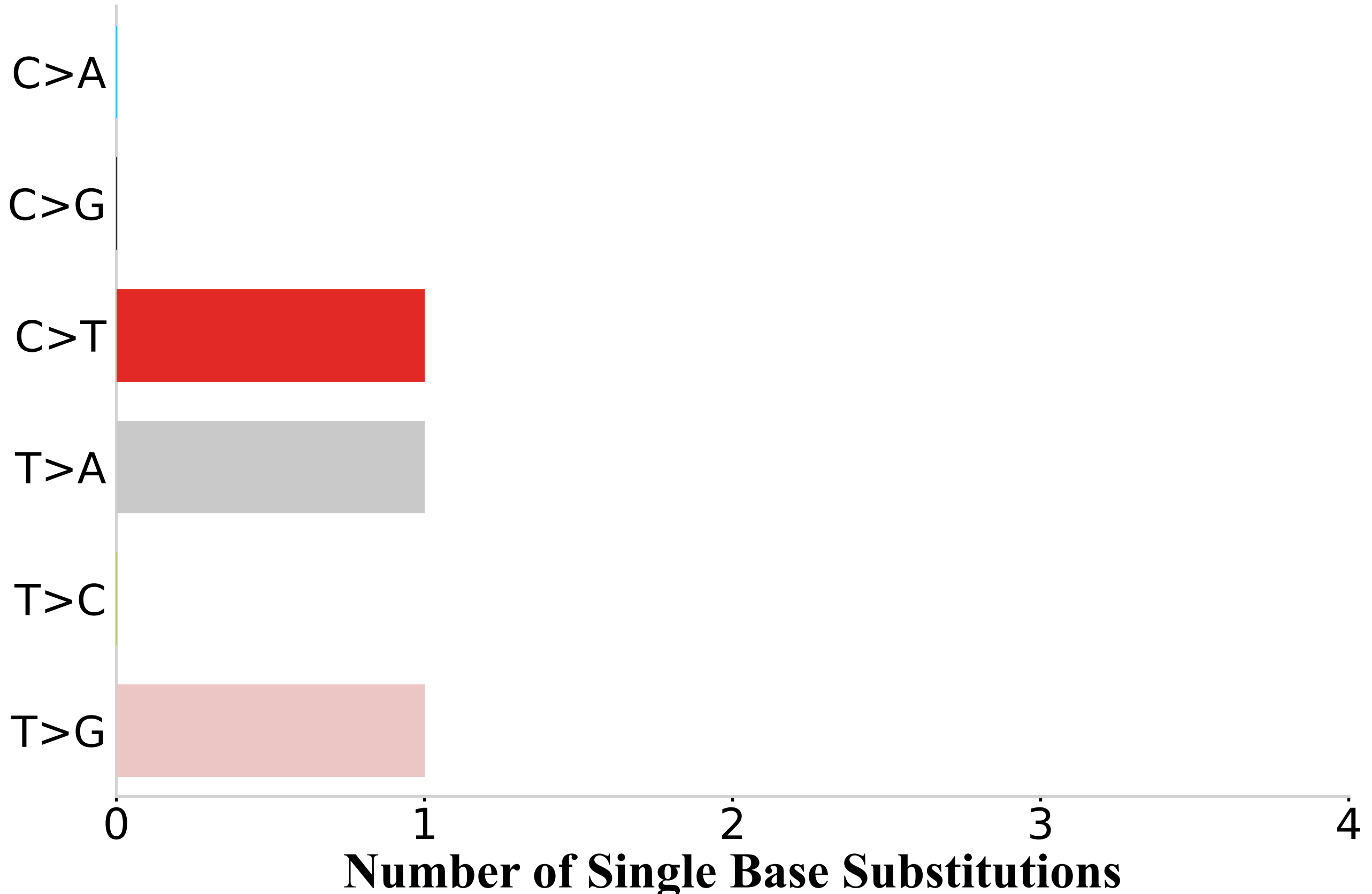
P-0014384-T02-IM6: 6 subs



P-0014406-T01-IM6: 2 subs



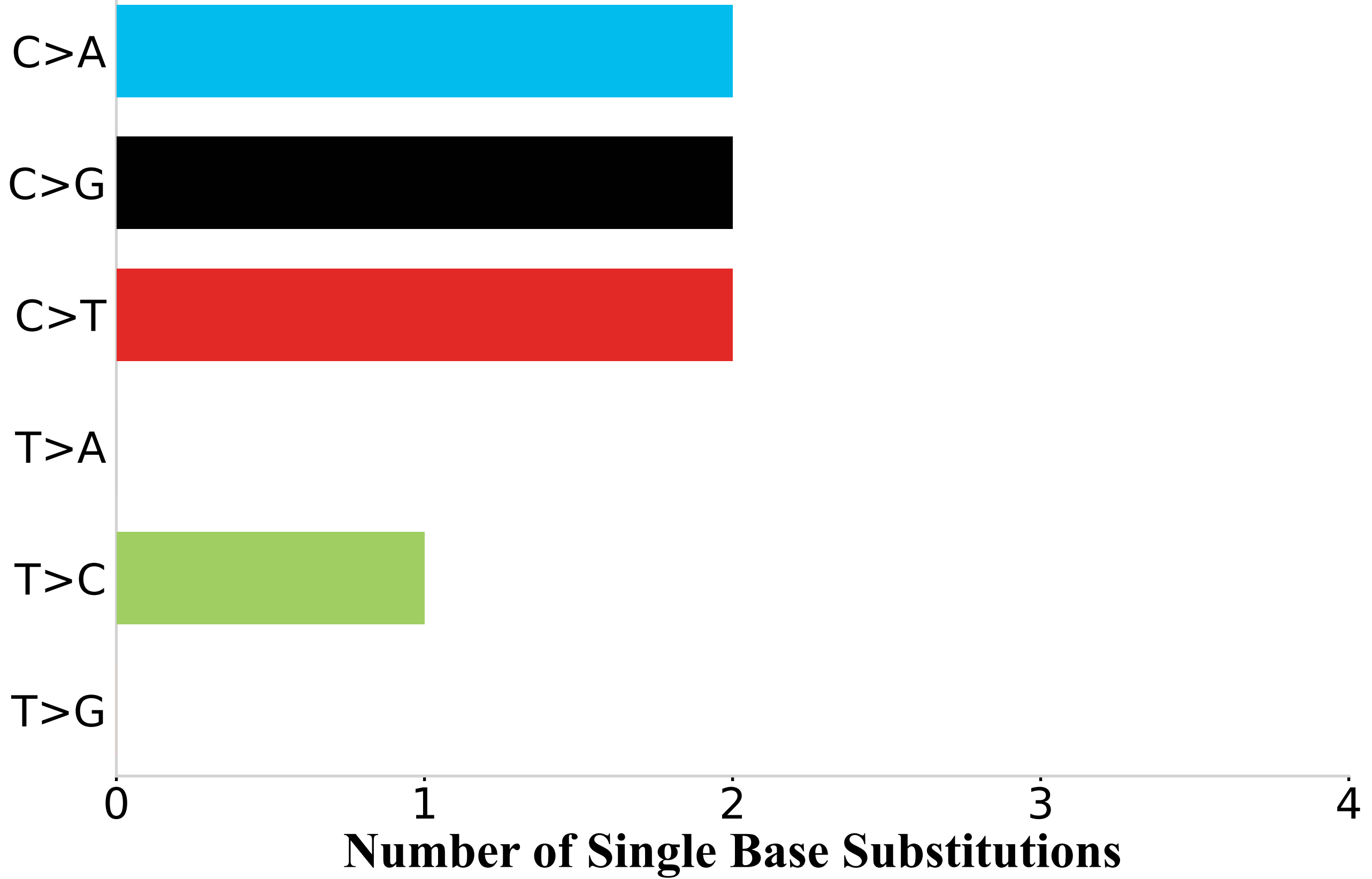
P-0014482-T01-IM6: 3 subs



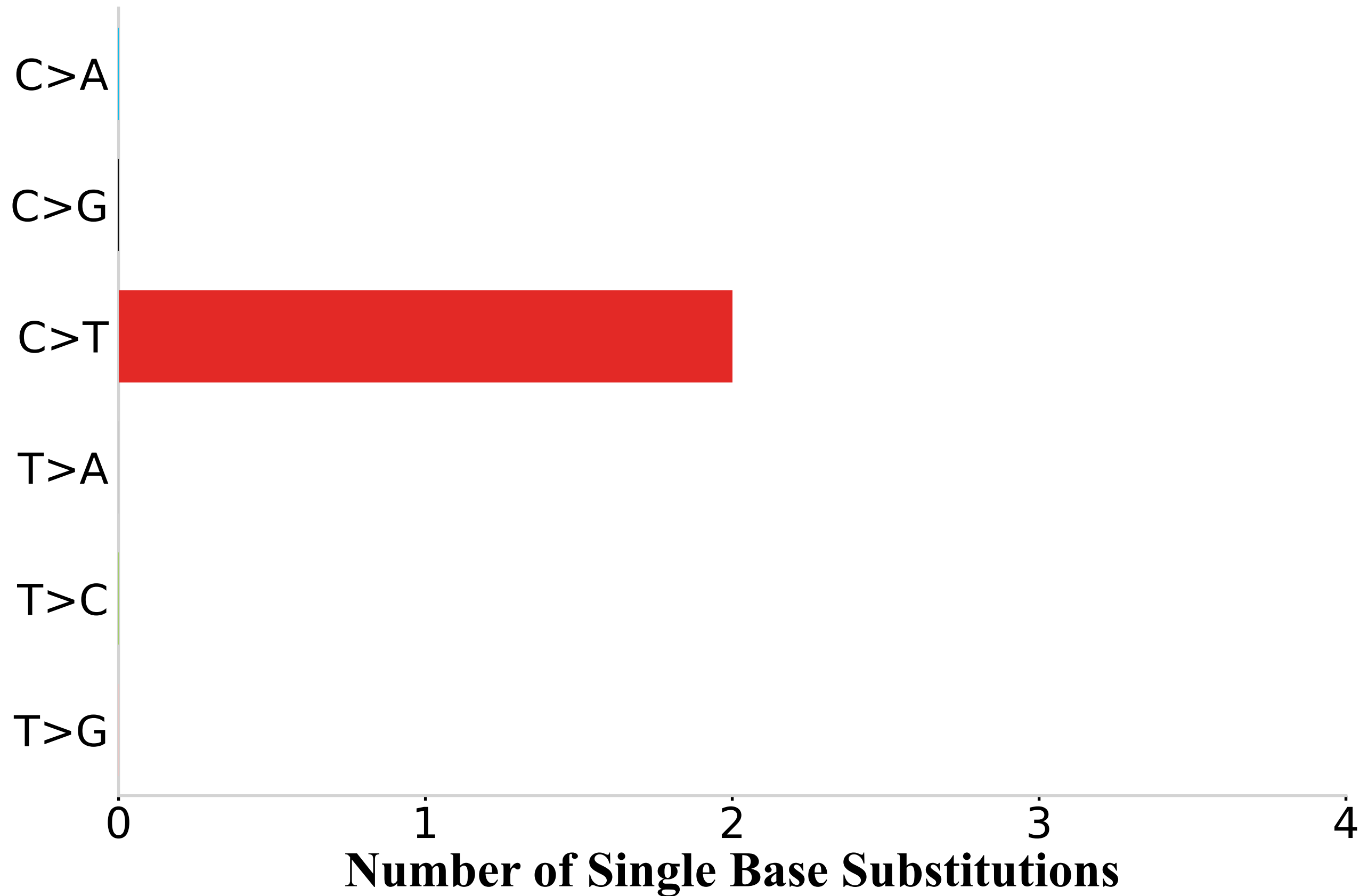
P-0014484-T01-IM6: 1 subs



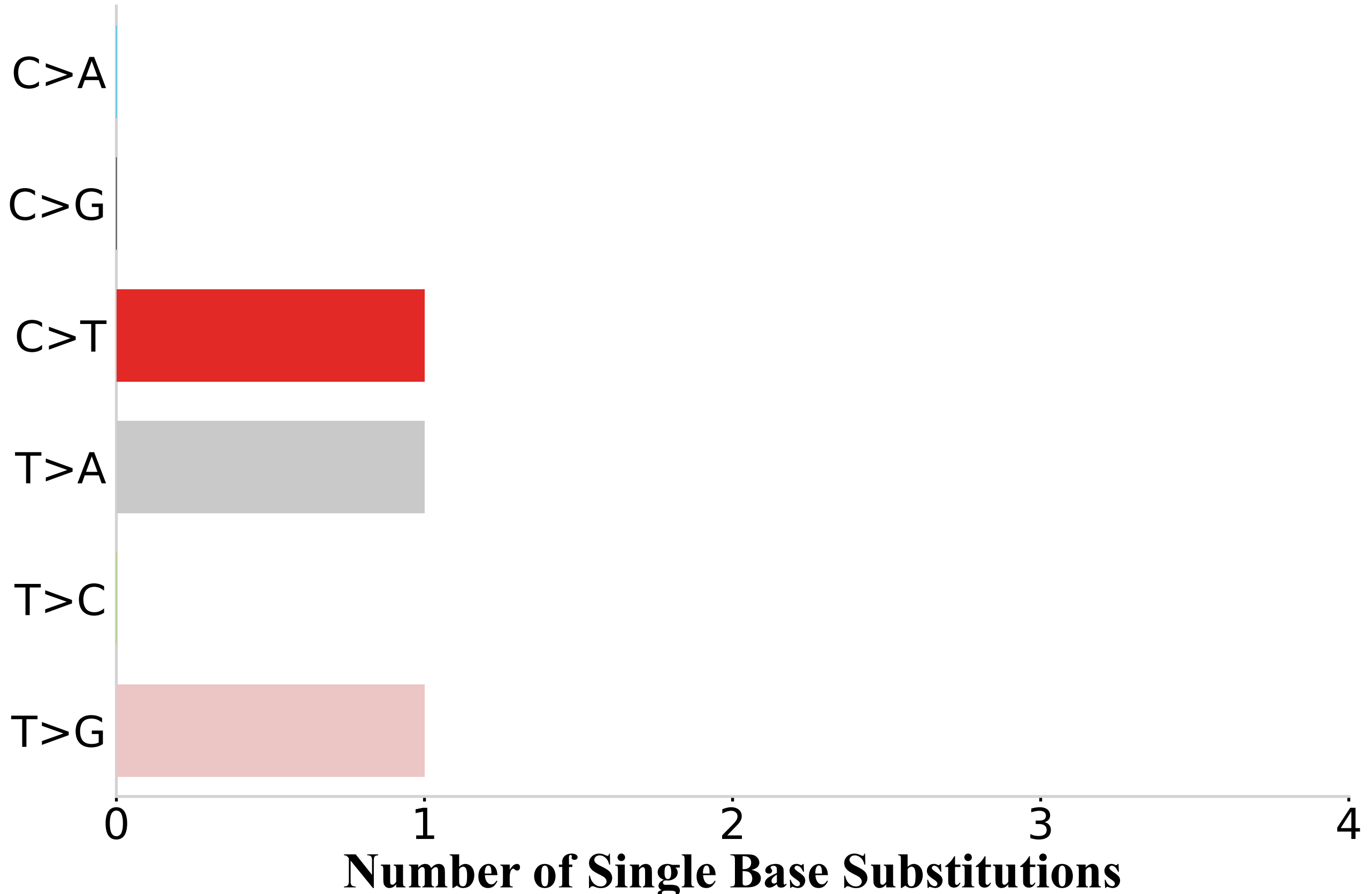
P-0014488-T01-IM6: 7 subs



P-0014490-T01-IM6: 2 subs



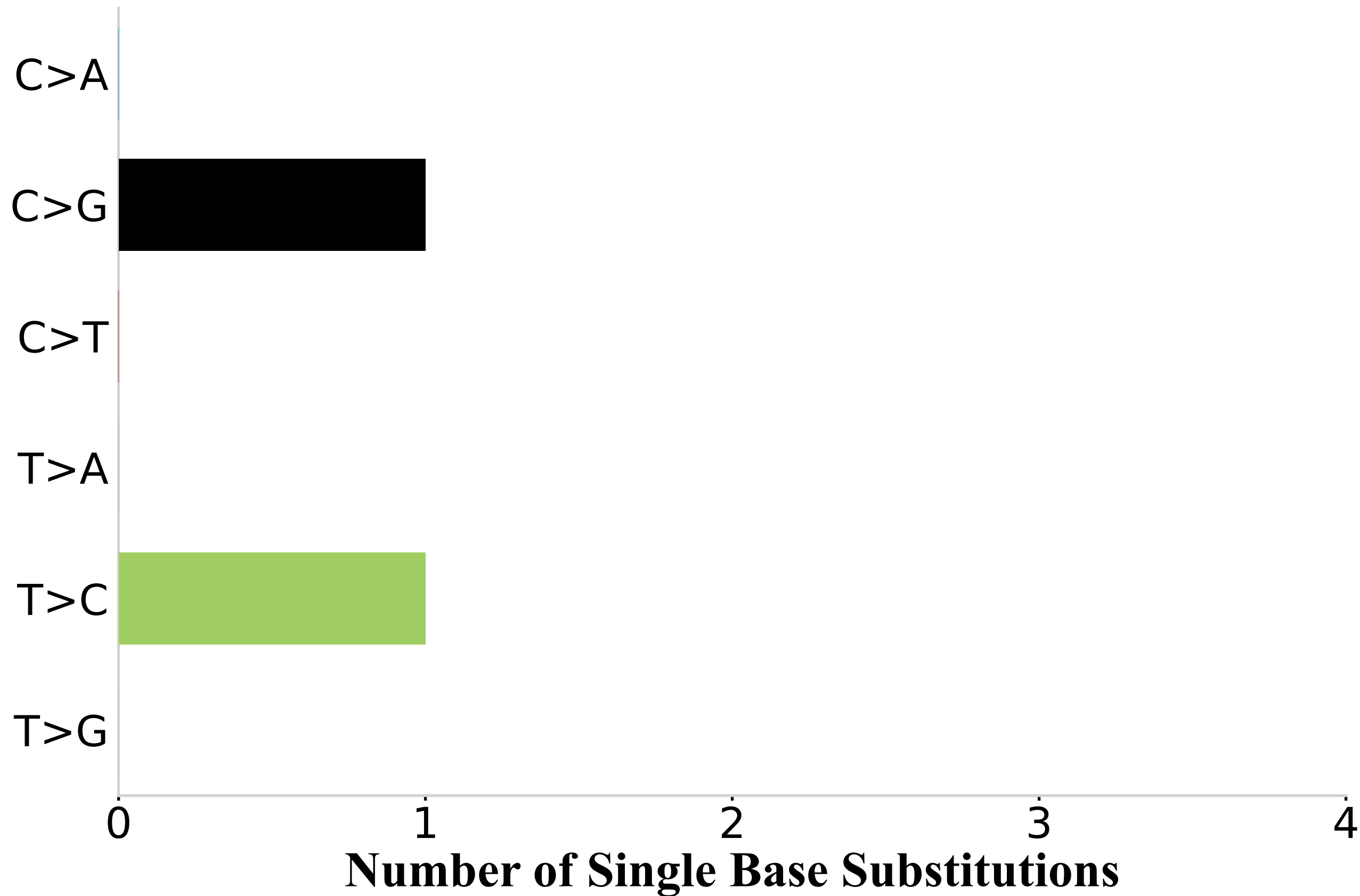
P-0014493-T01-IM6: 3 subs



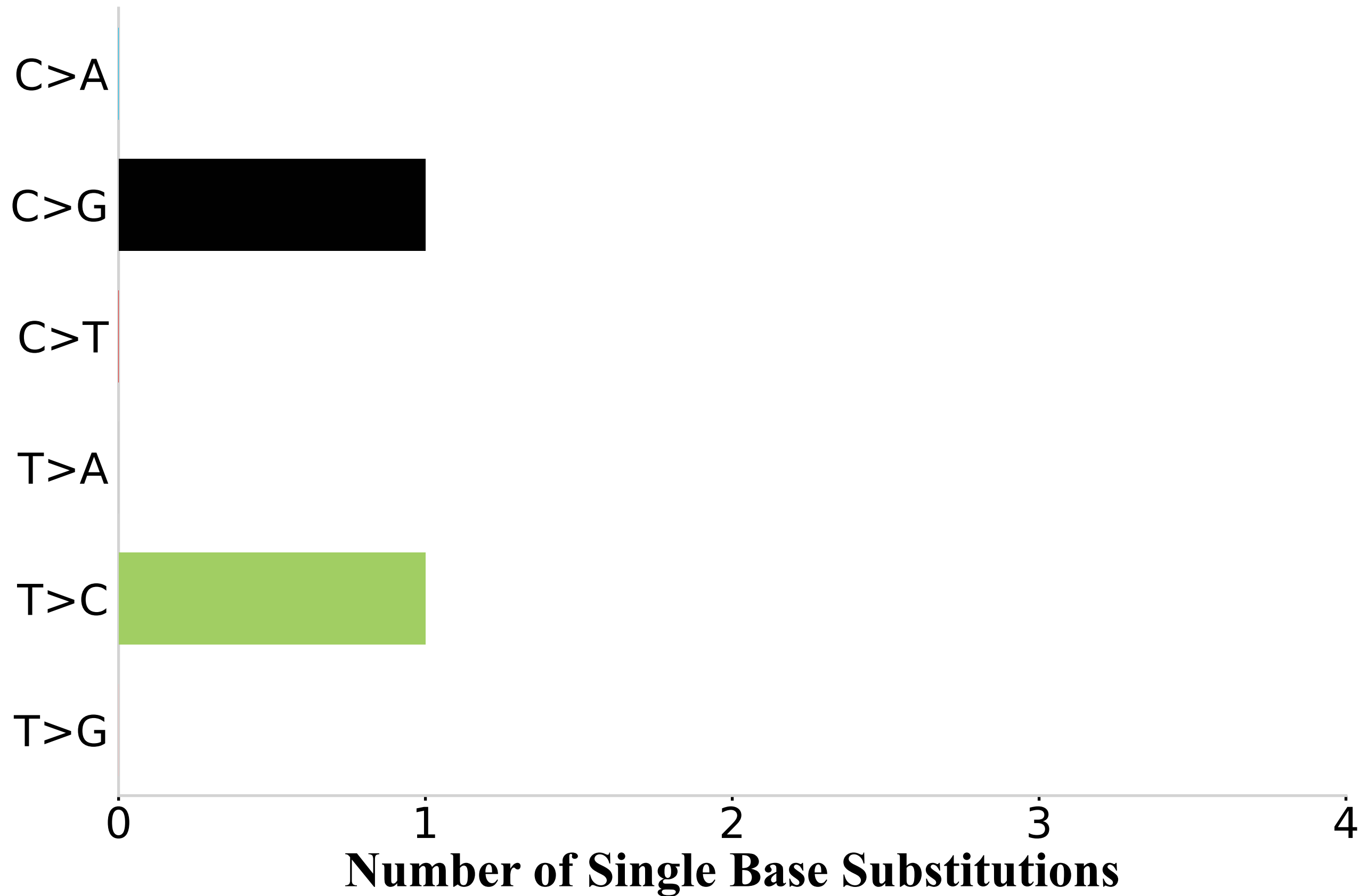
P-0014494-T01-IM6: 1 subs



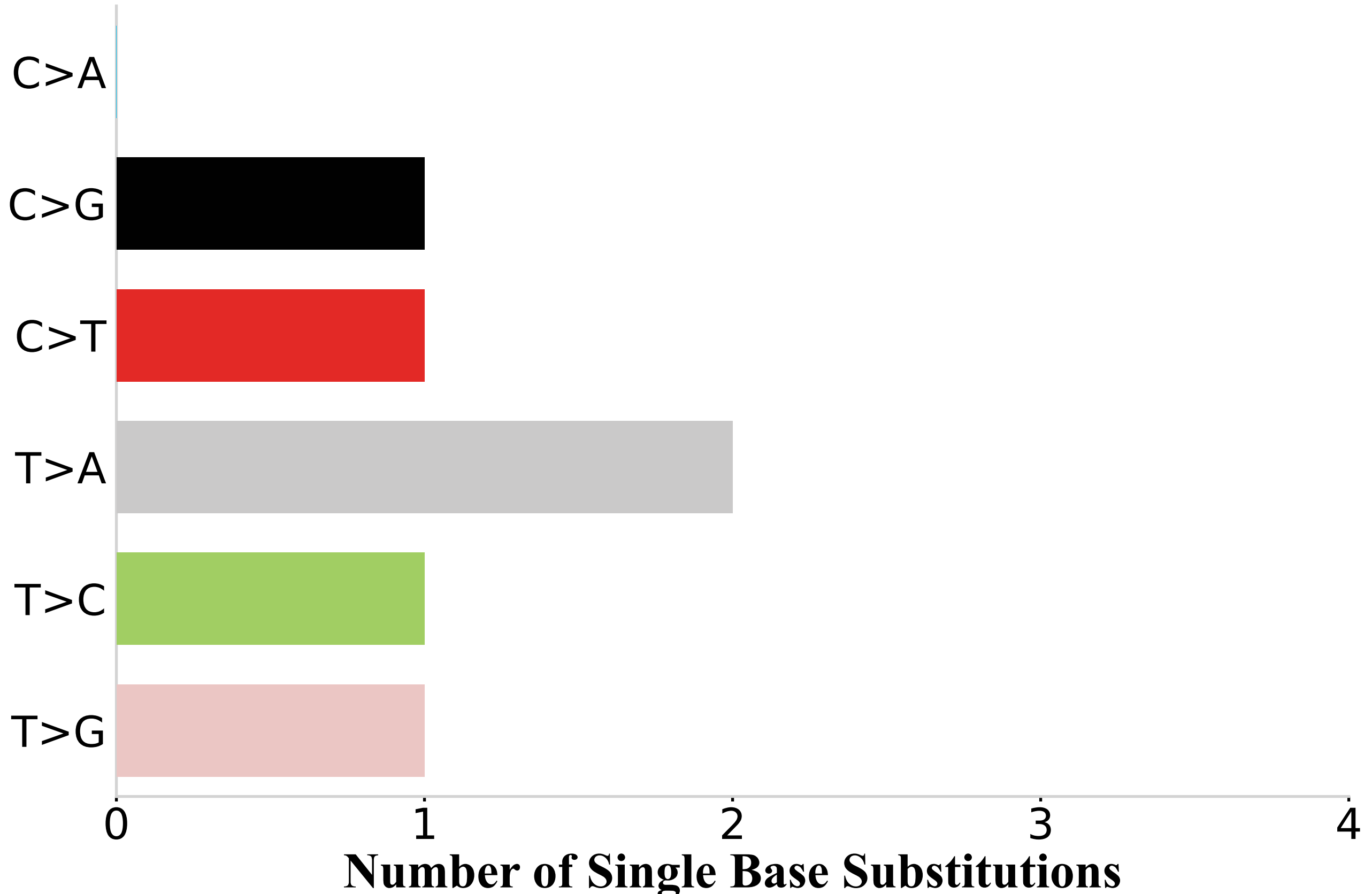
P-0014560-T01-IM6: 2 subs



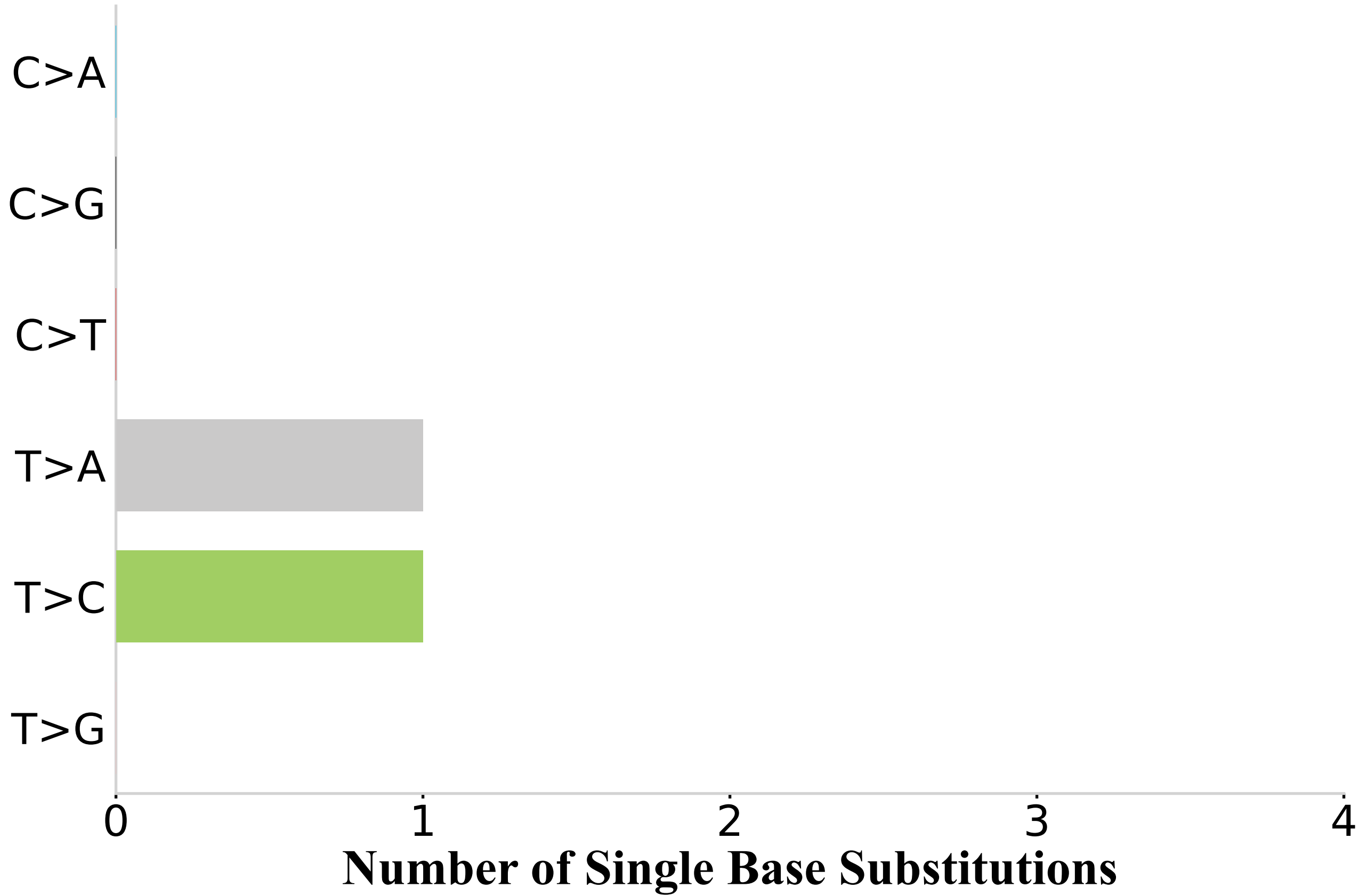
P-0014699-T01-IM6: 2 subs



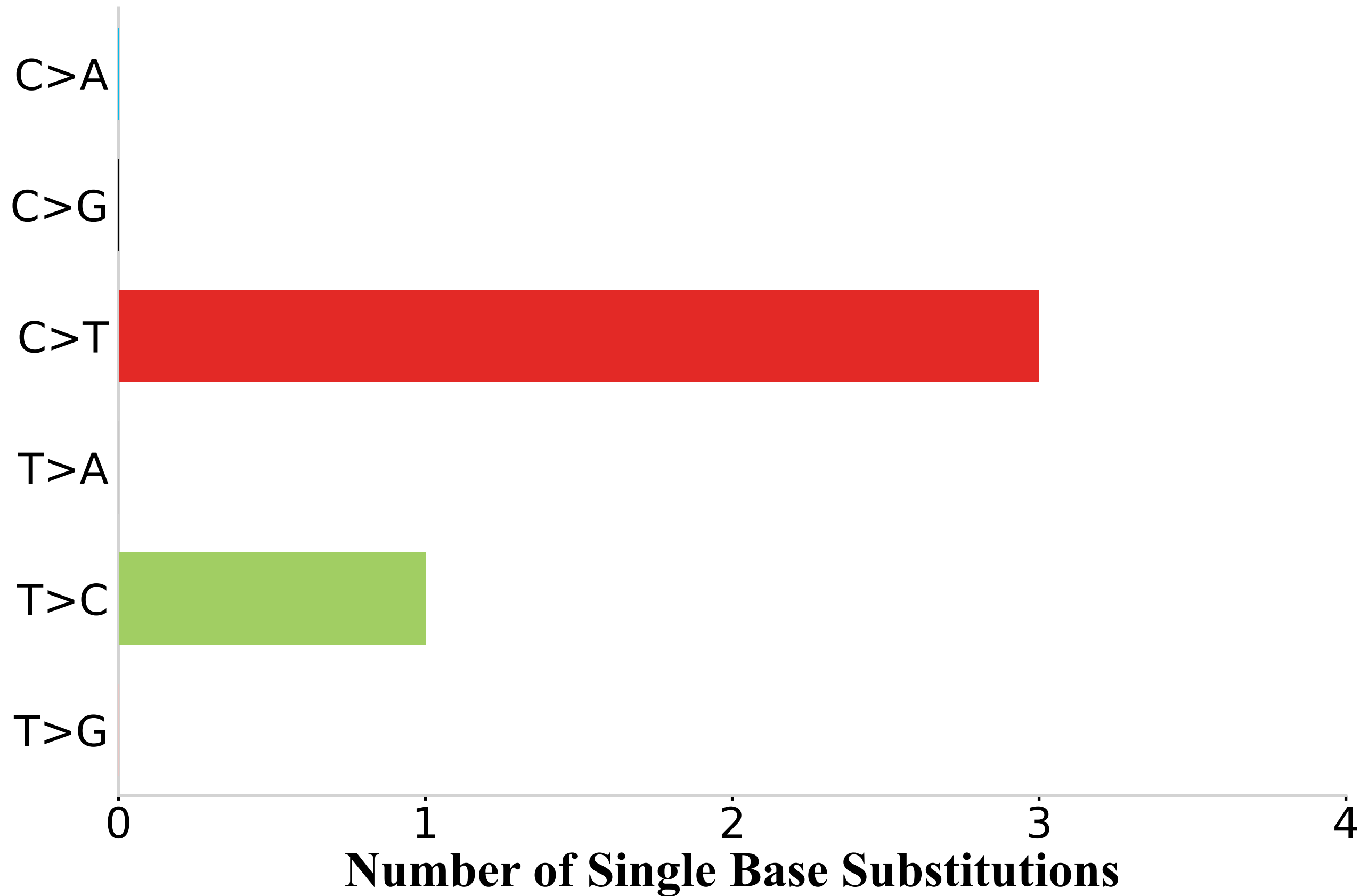
P-0014718-T01-IM6: 6 subs



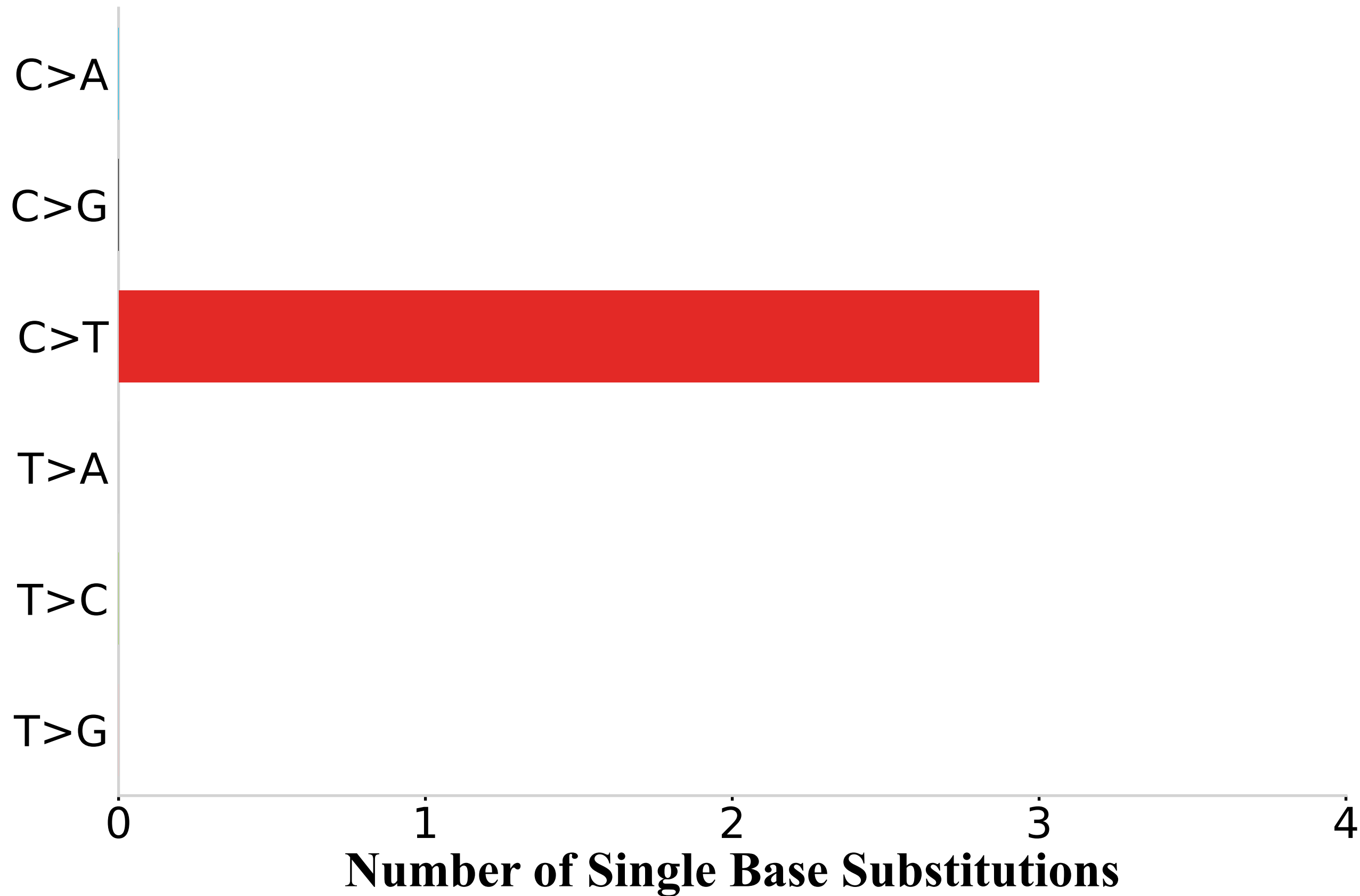
P-0014785-T01-IM6: 2 subs



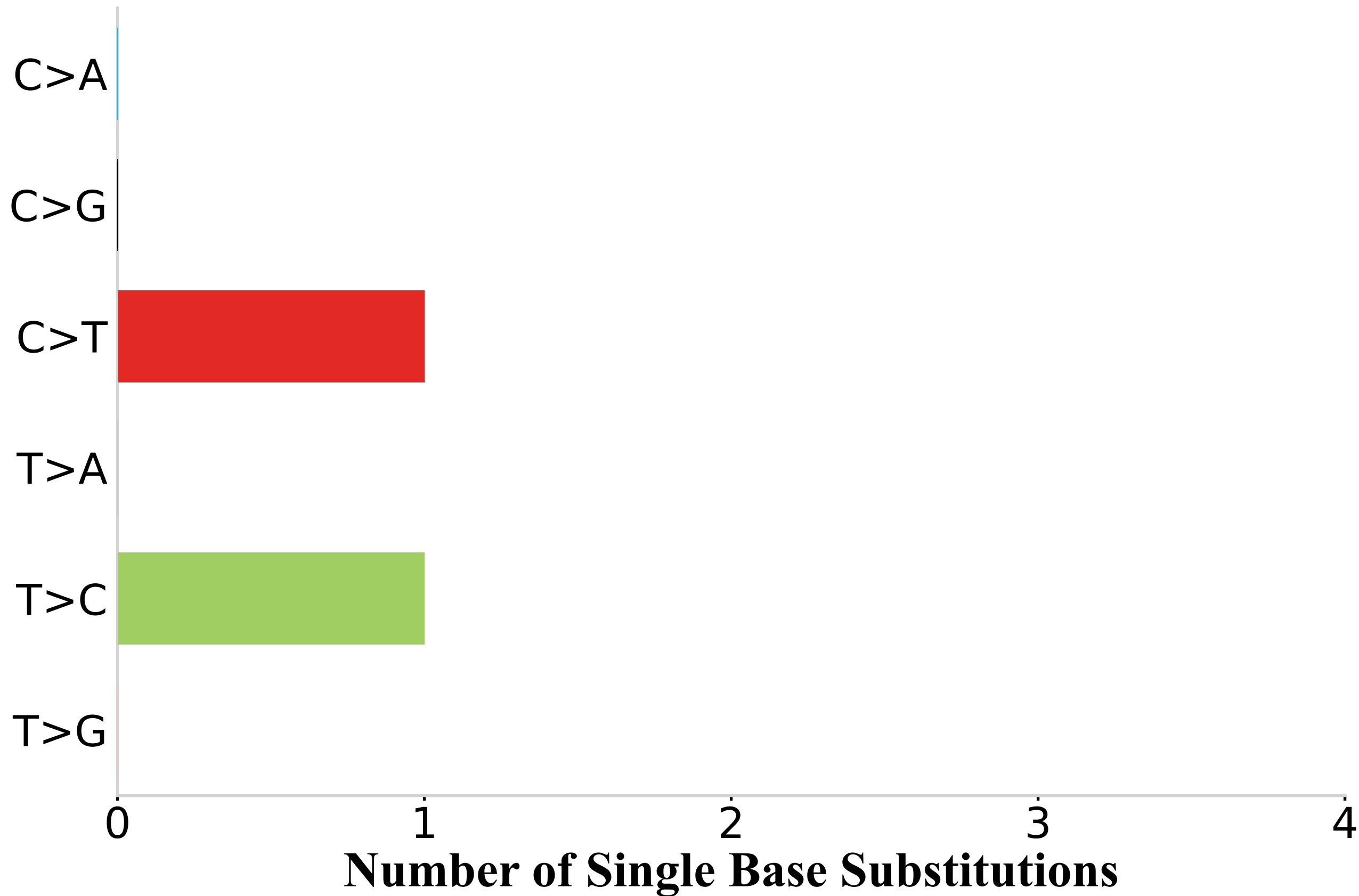
P-0014824-T01-IM6: 4 subs



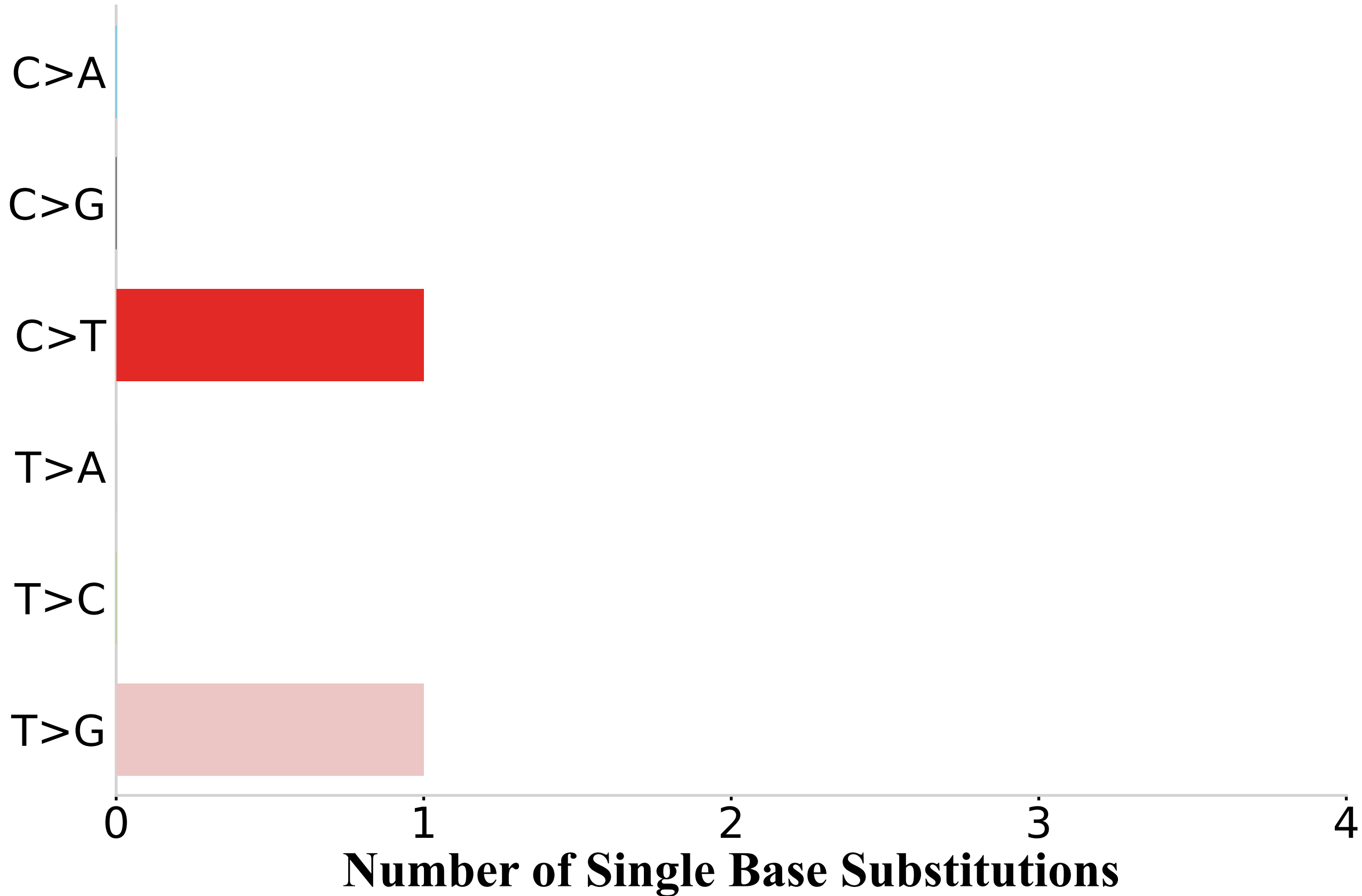
P-0014826-T01-IM6: 3 subs



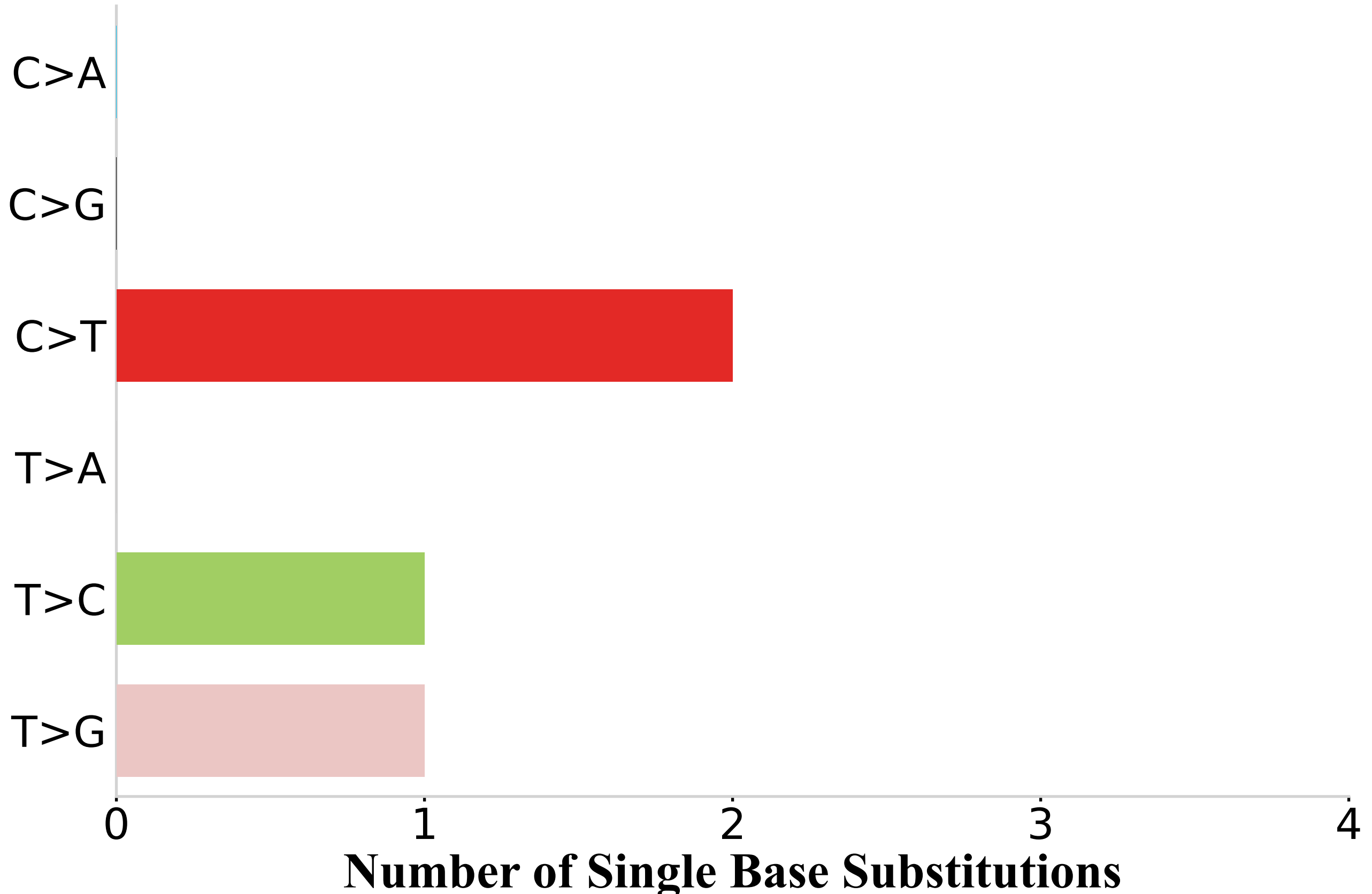
P-0014829-T01-IM6: 2 subs



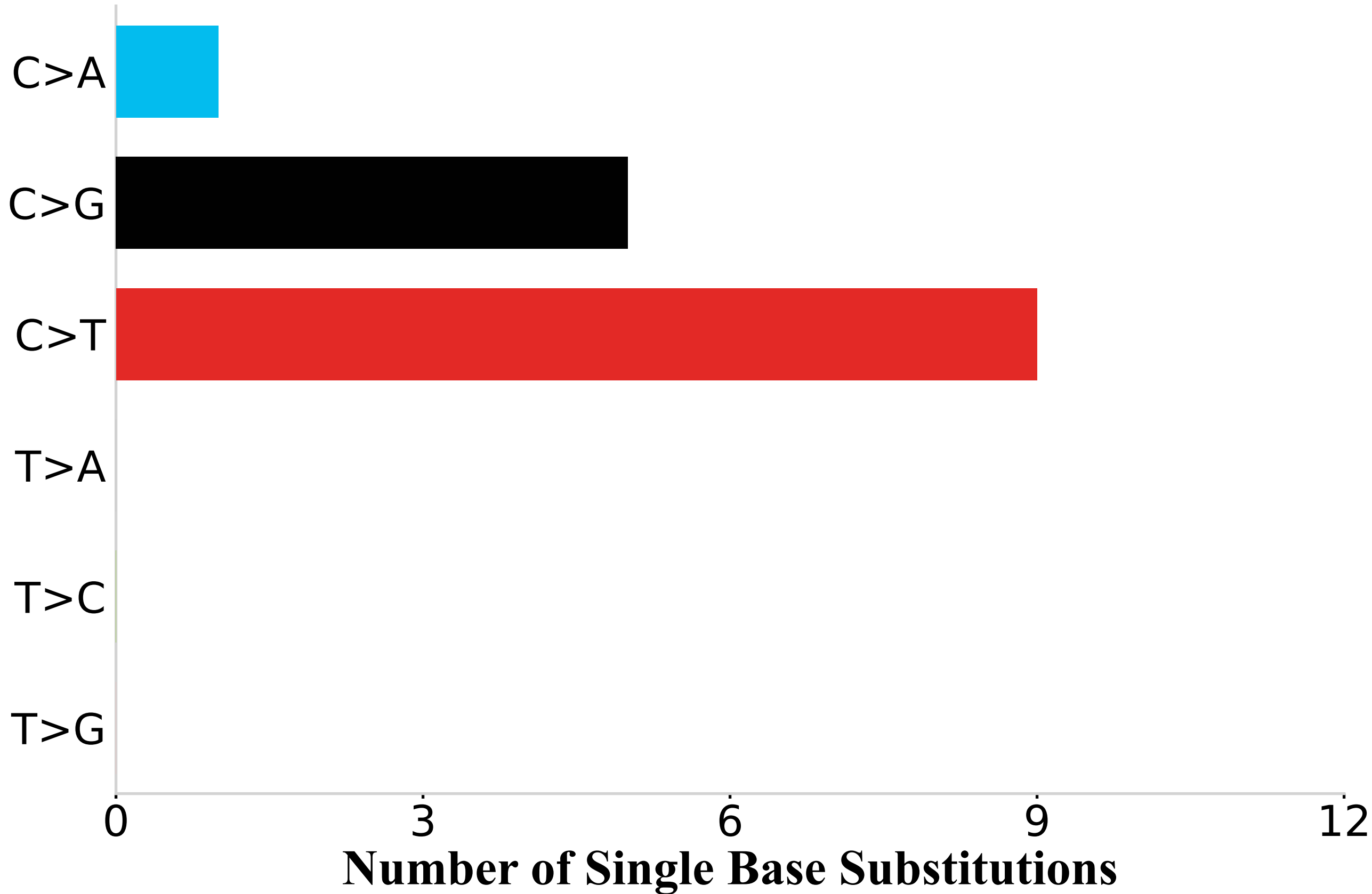
P-0014830-T01-IM6: 2 subs



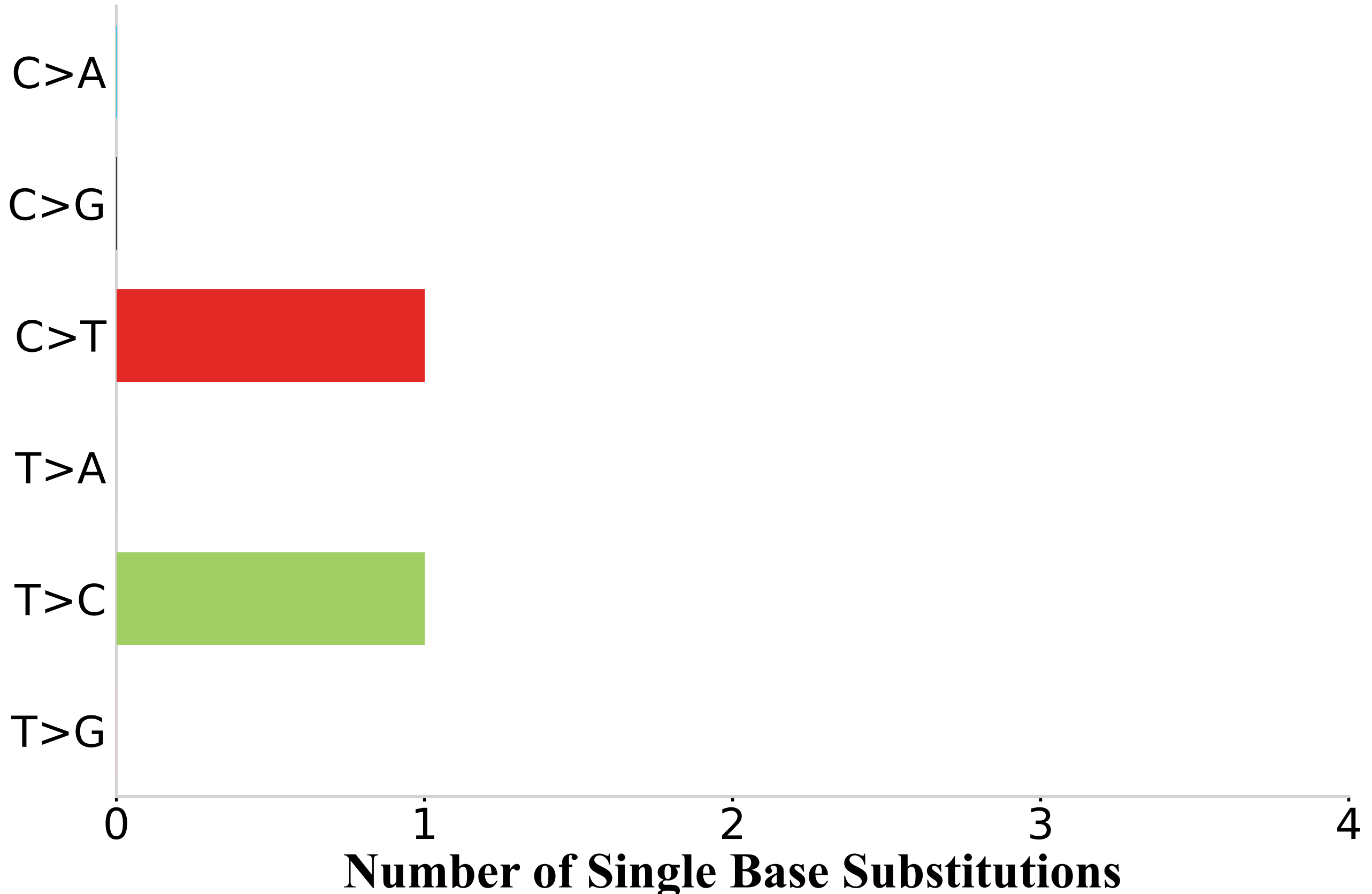
P-0014866-T01-IM6: 4 subs



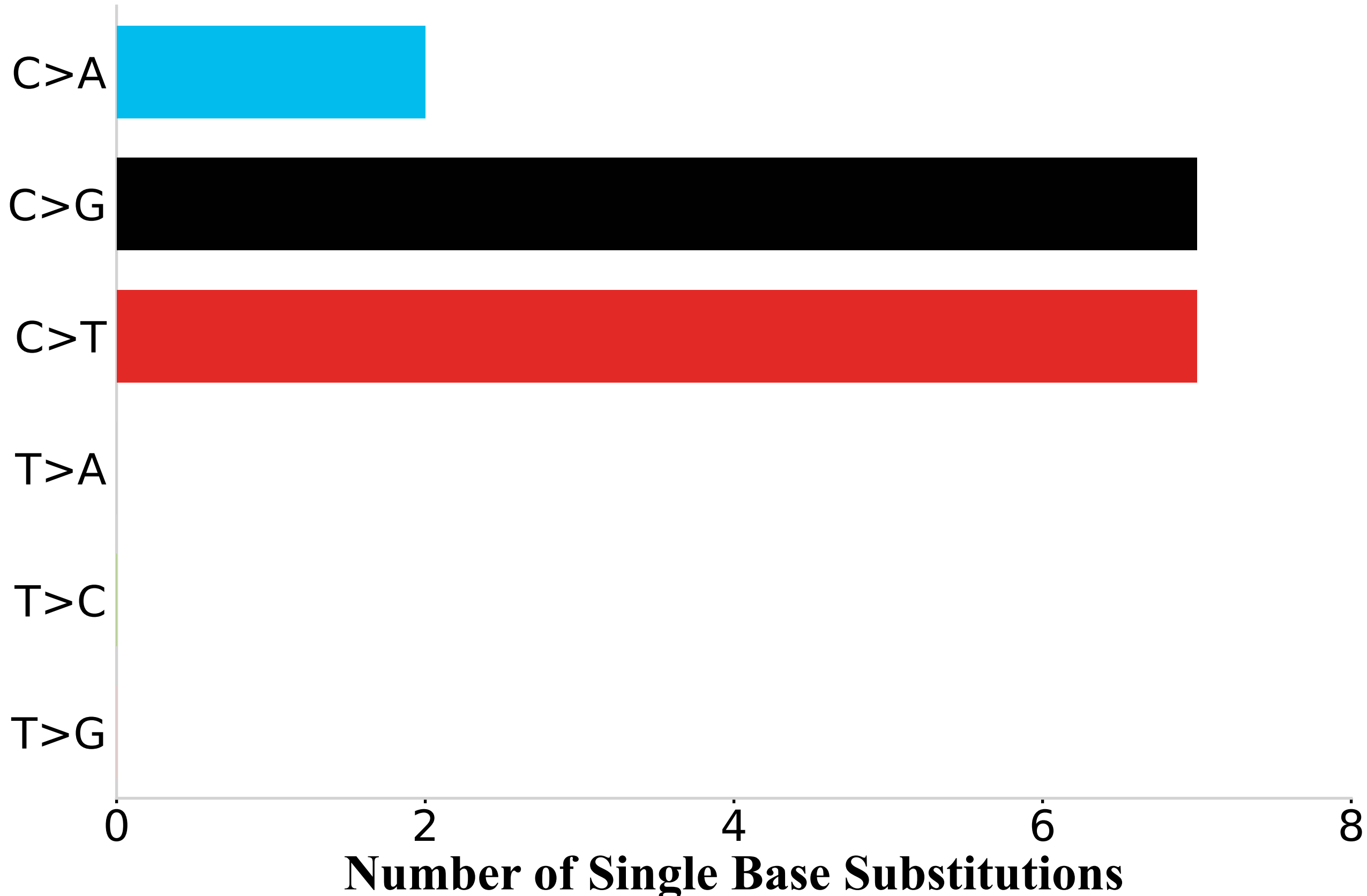
P-0014907-T01-IM6: 15 subs



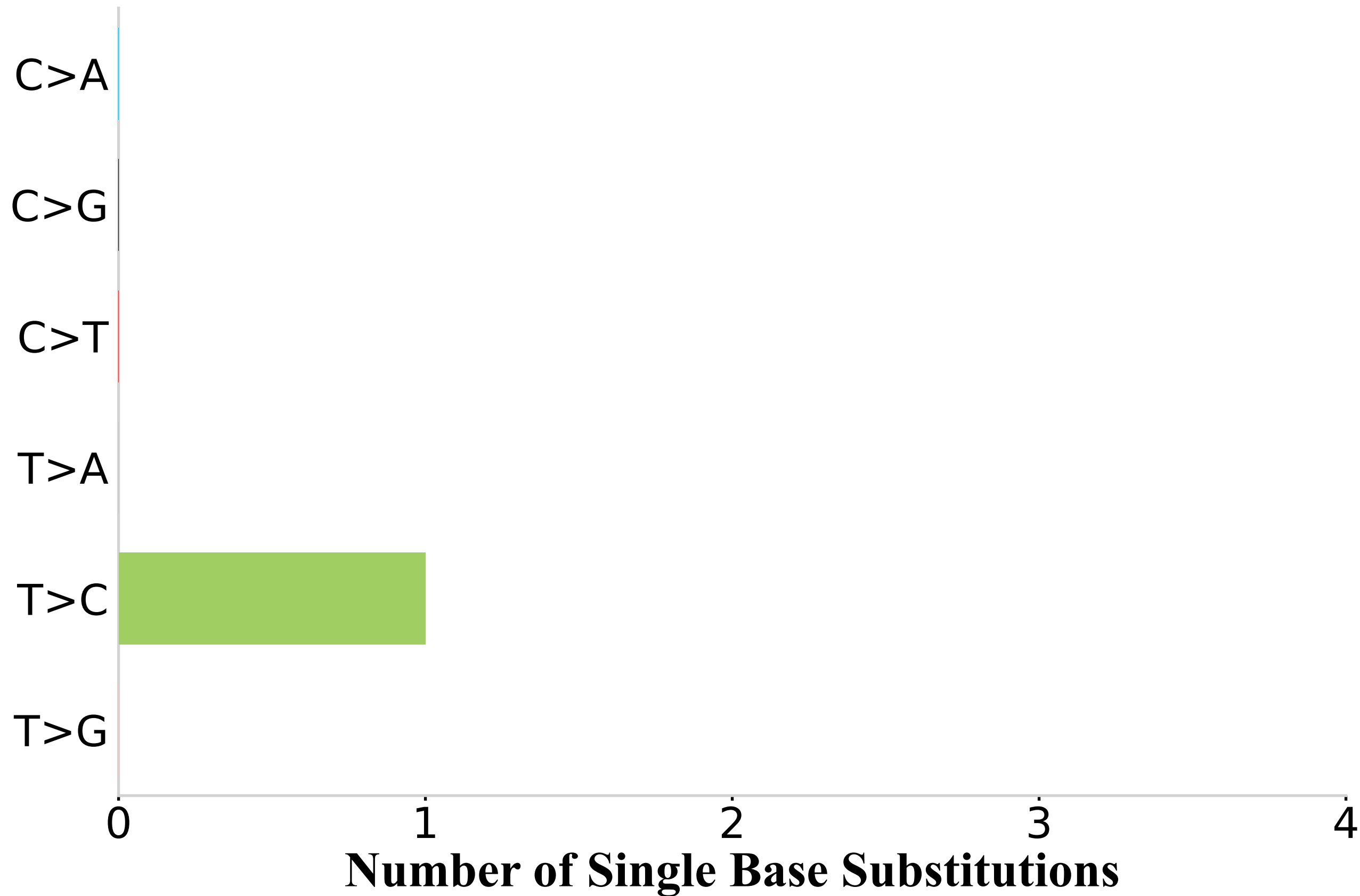
P-0014927-T01-IM6: 2 subs



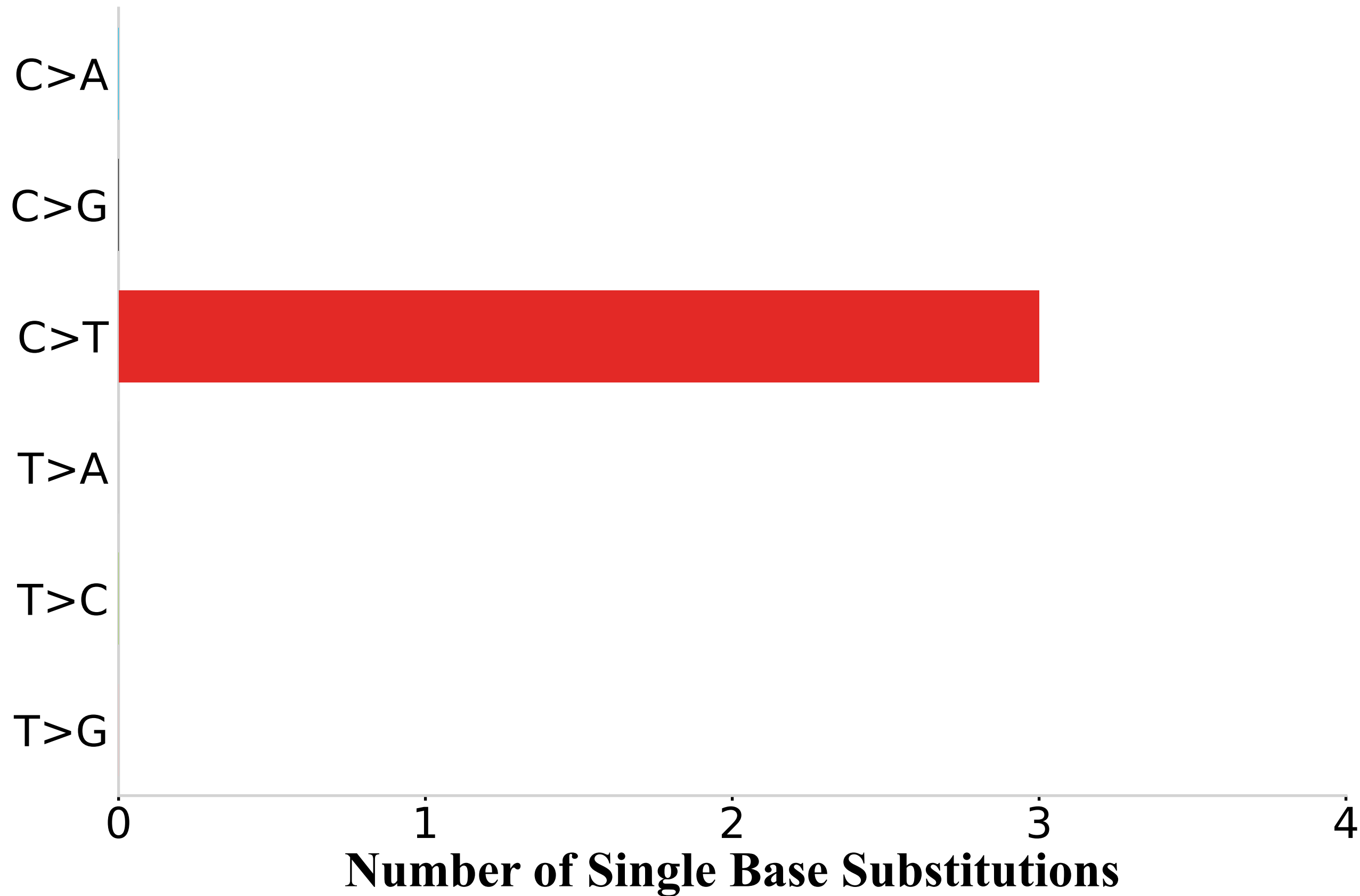
P-0014938-T01-IM6: 16 subs



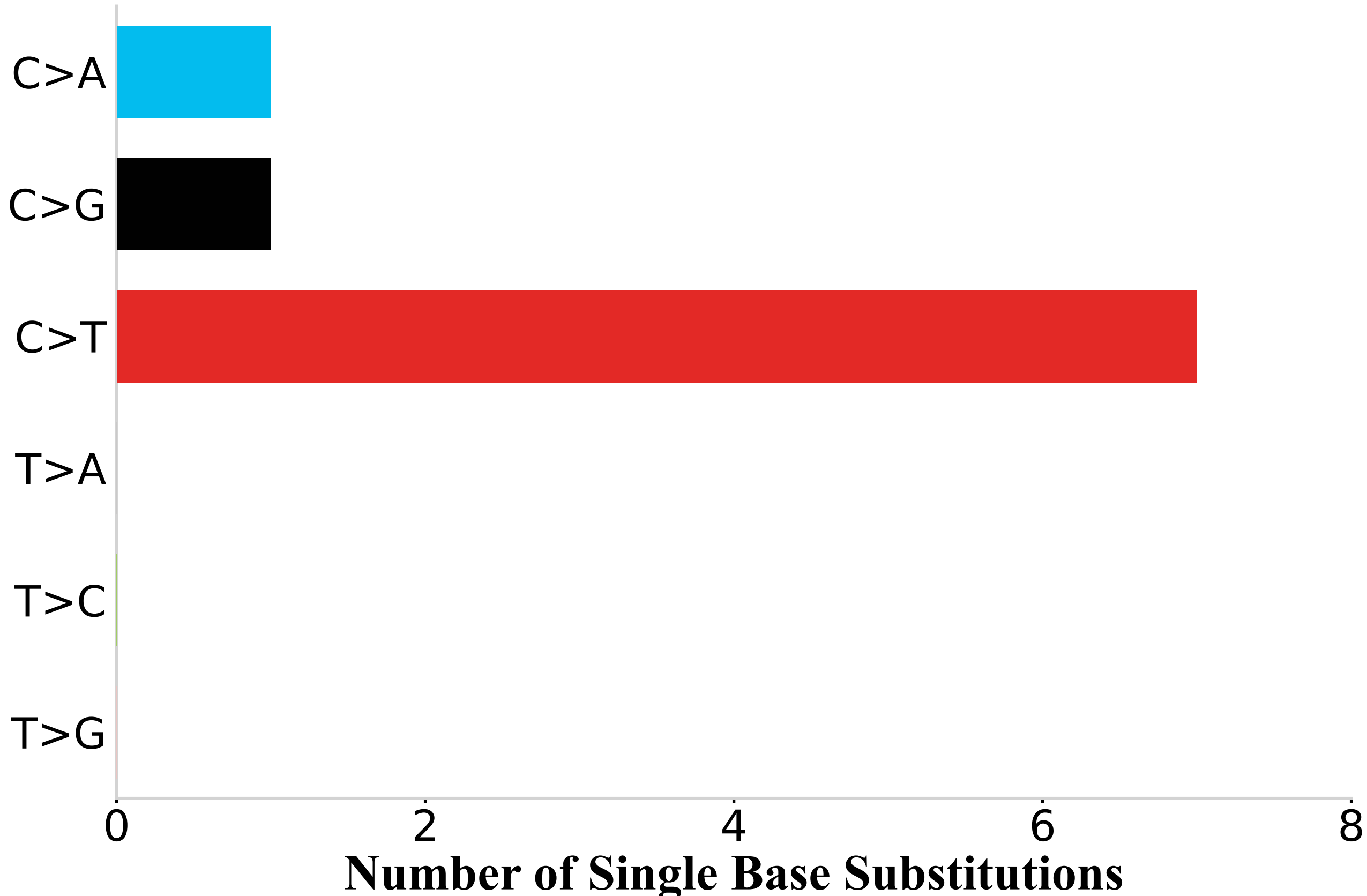
P-0014939-T01-IM6: 1 subs



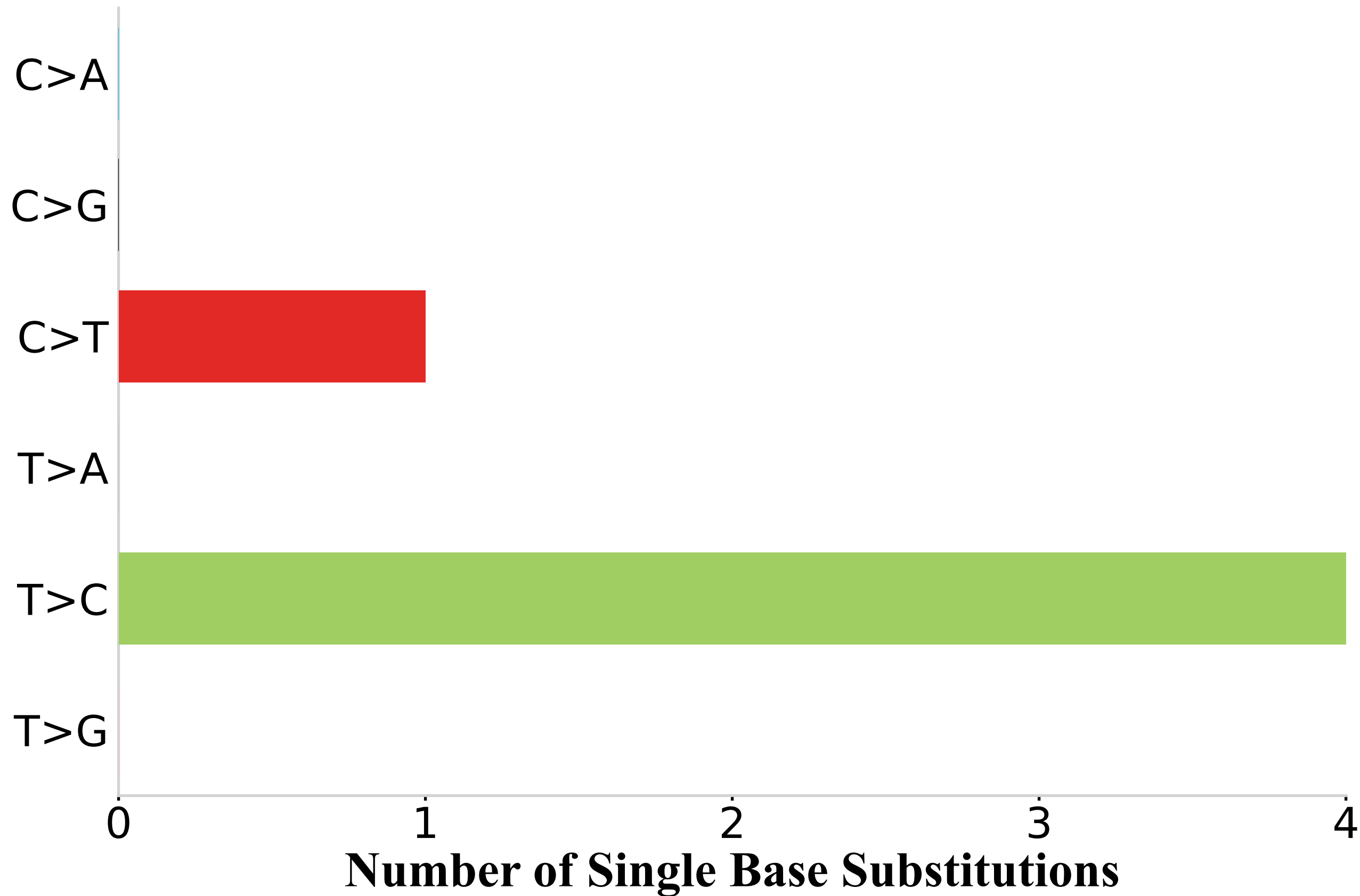
P-0014940-T01-IM6: 3 subs



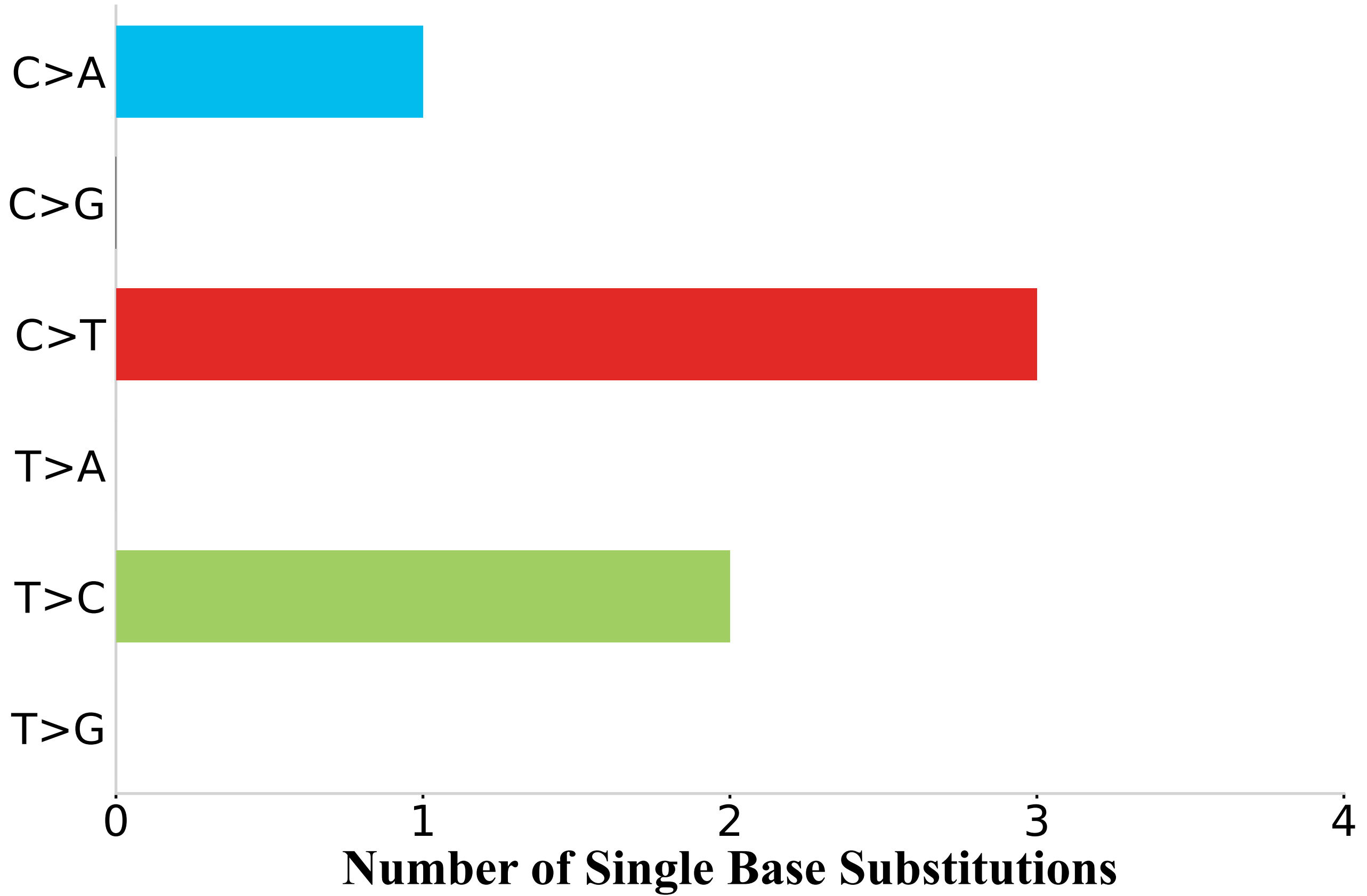
P-0014970-T01-IM6: 9 subs



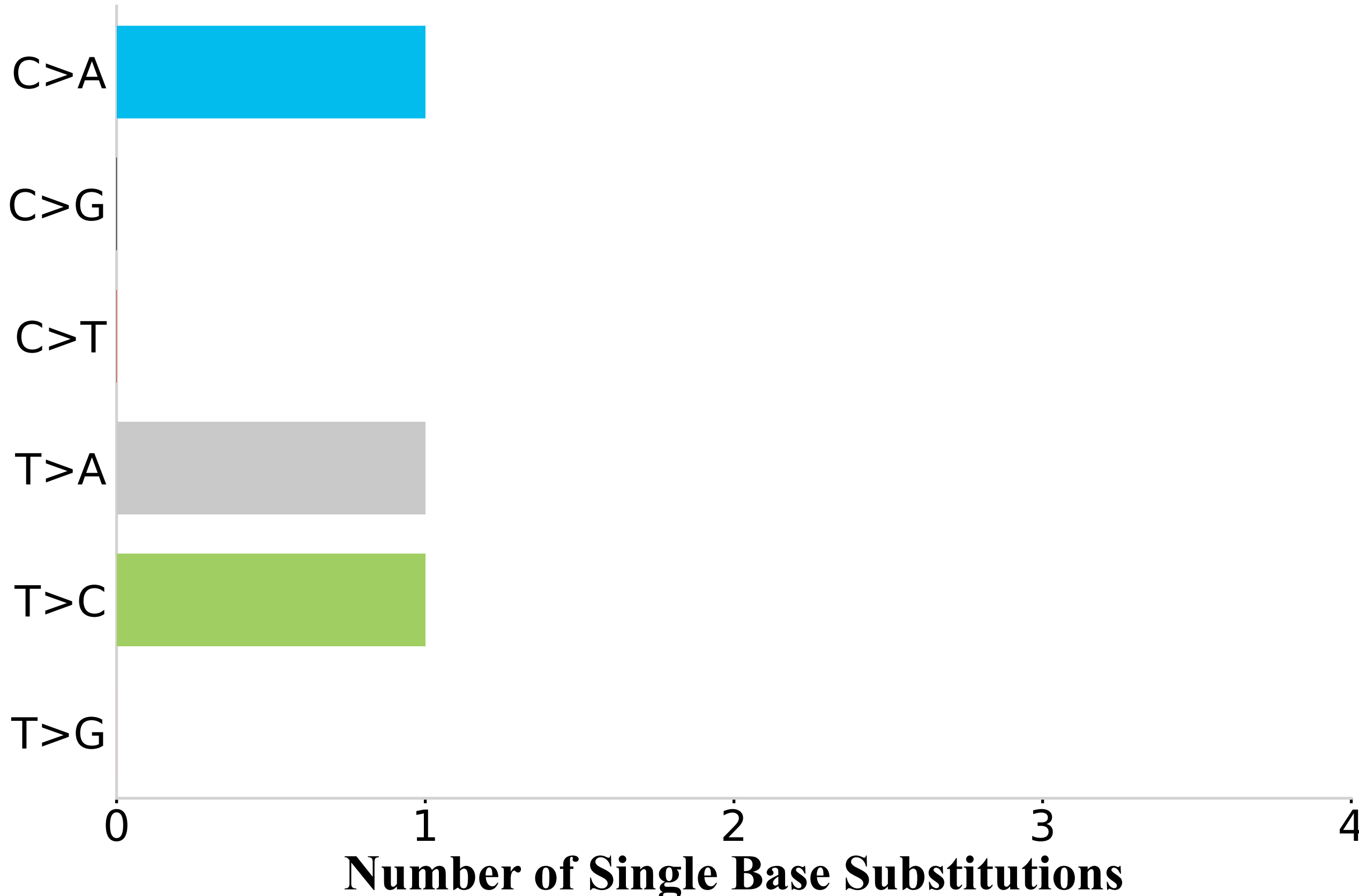
P-0014998-T01-IM6: 5 subs



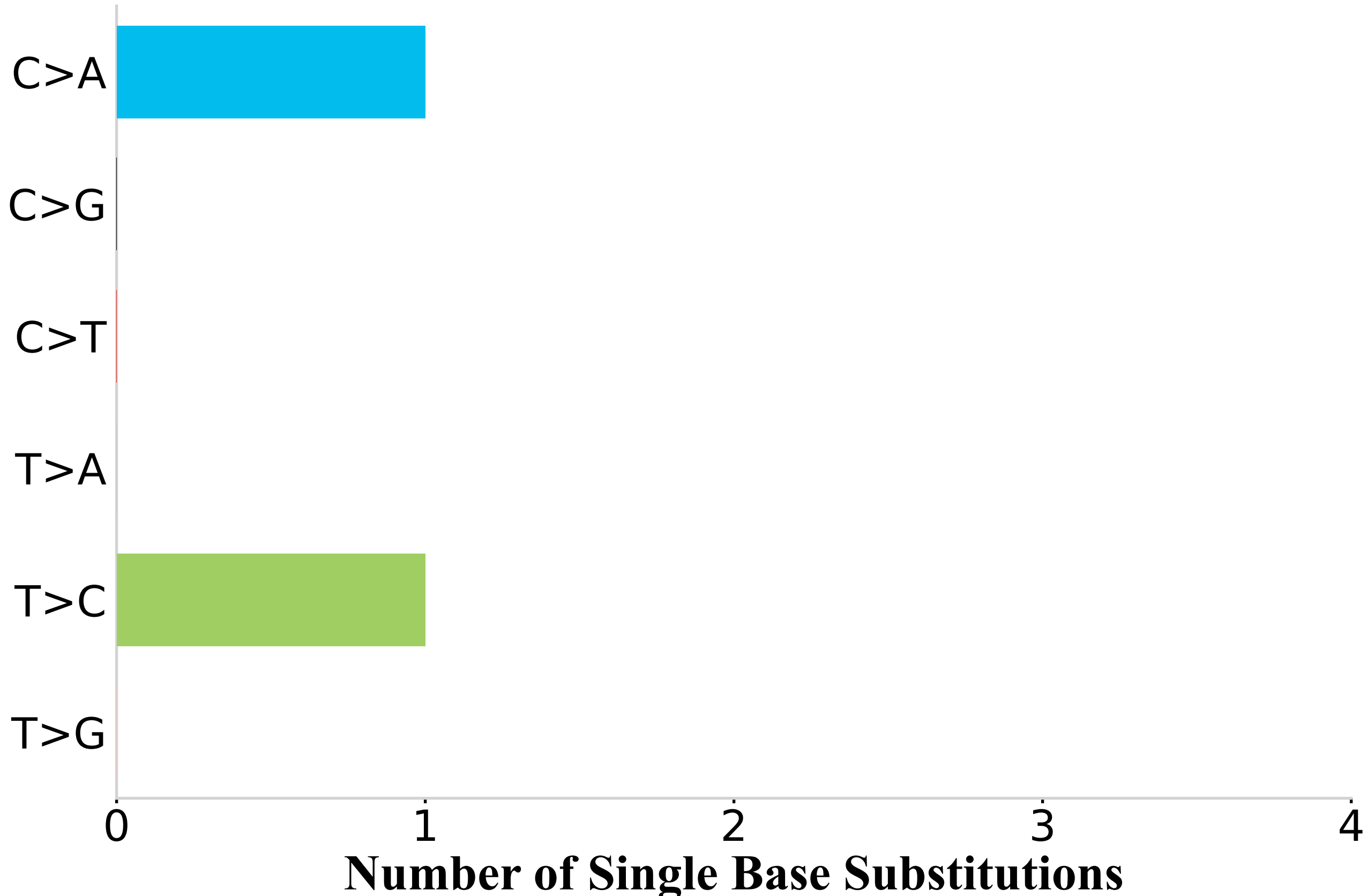
P-0015005-T01-IM6: 6 subs



P-0015355-T01-IM6: 3 subs



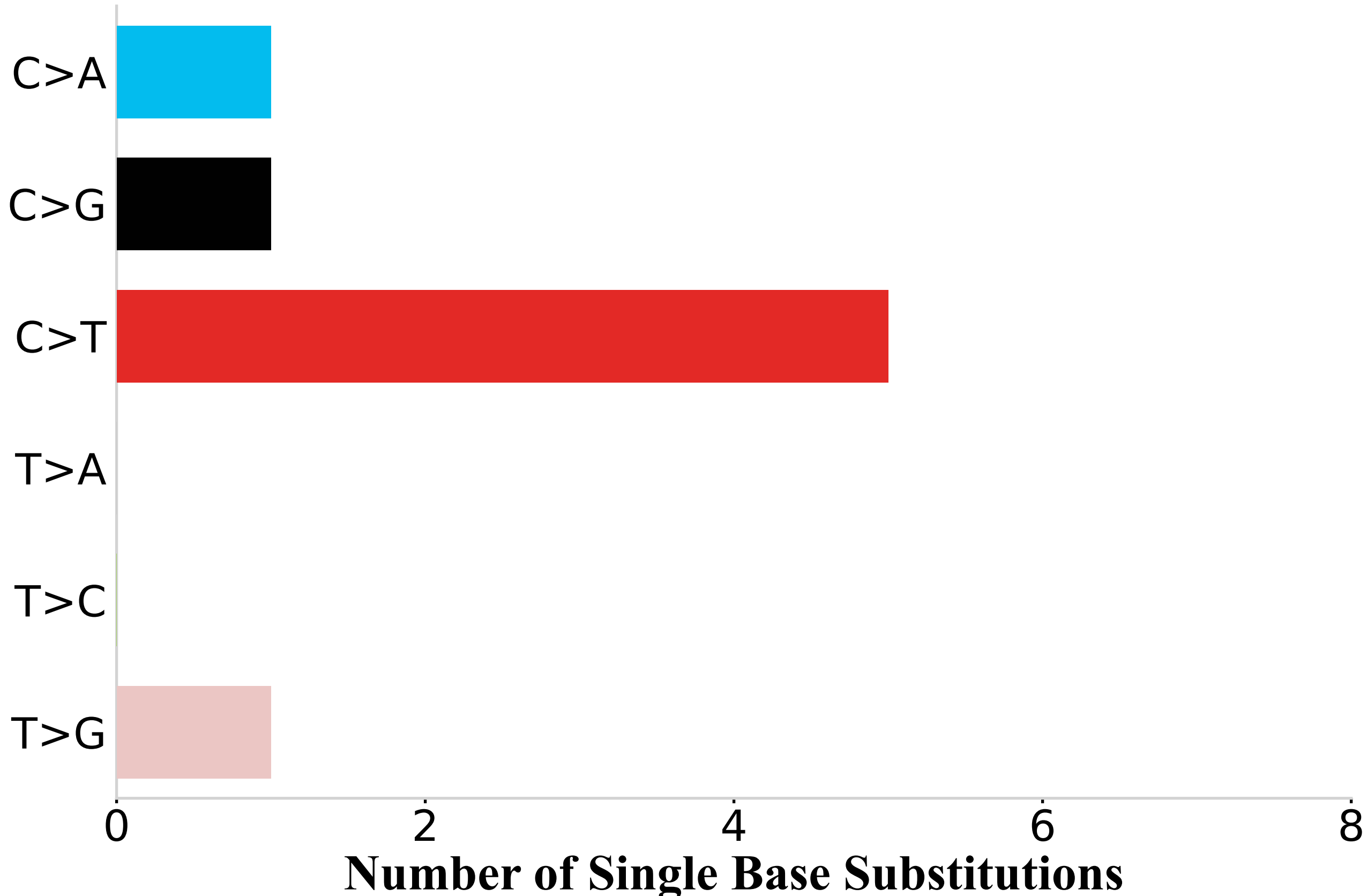
P-0015382-T01-IM6: 2 subs



P-0015428-T01-IM6: 1 subs



P-0015473-T01-IM6: 8 subs



P-0015535-T01-IM6: 7 subs

C>A

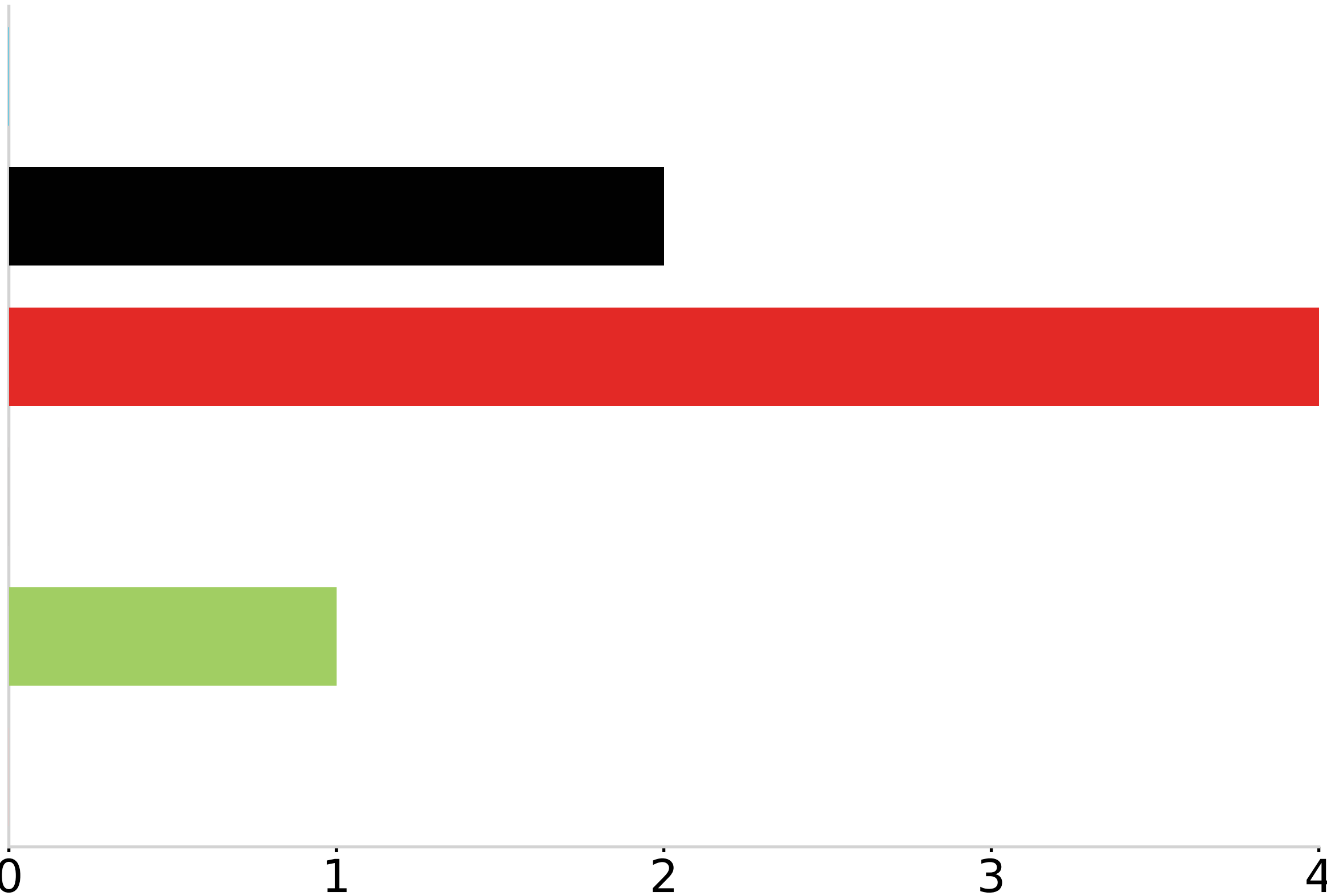
C>G

C>T

T>A

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T>G

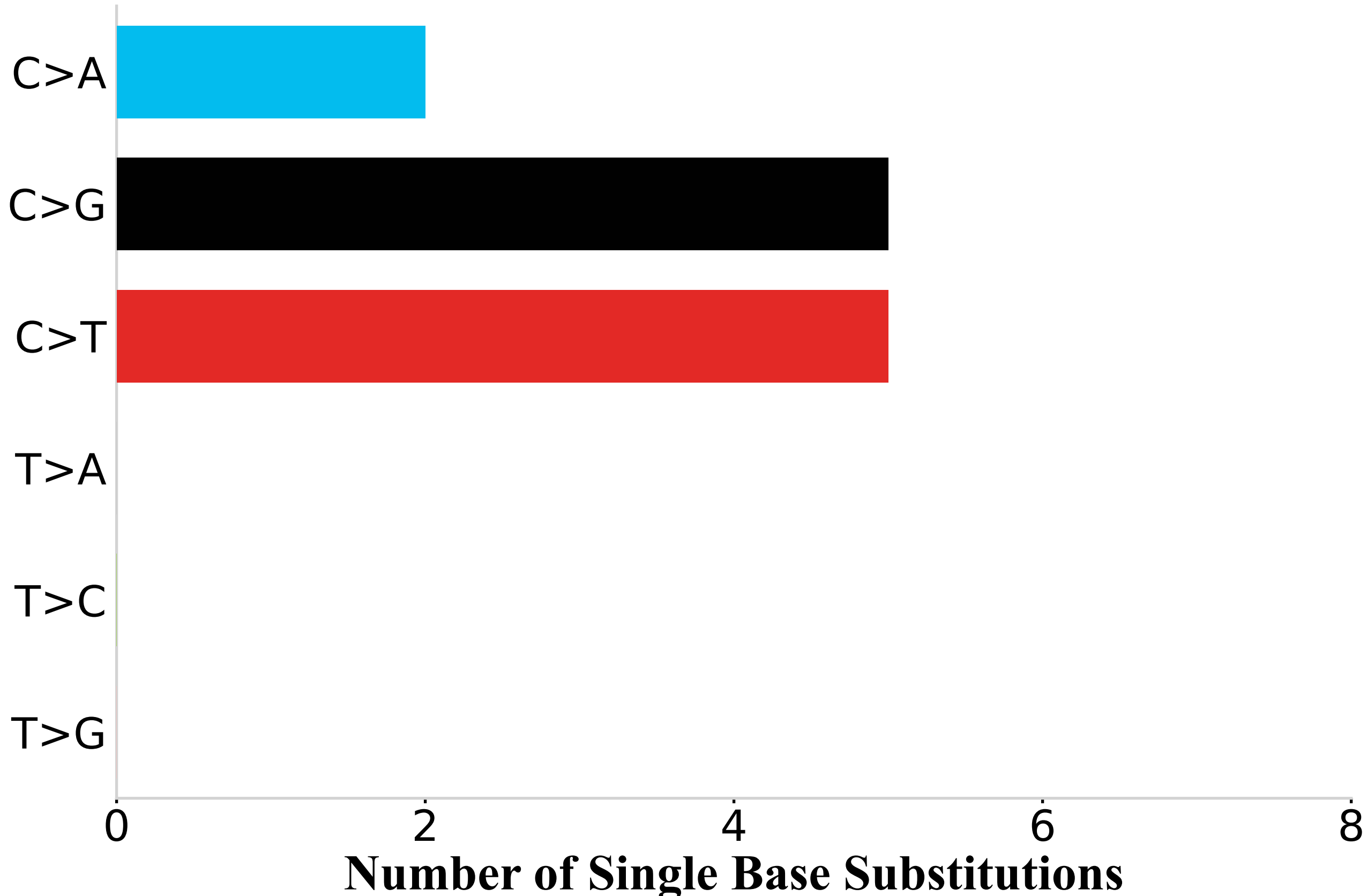


Number of Single Base Substitutions

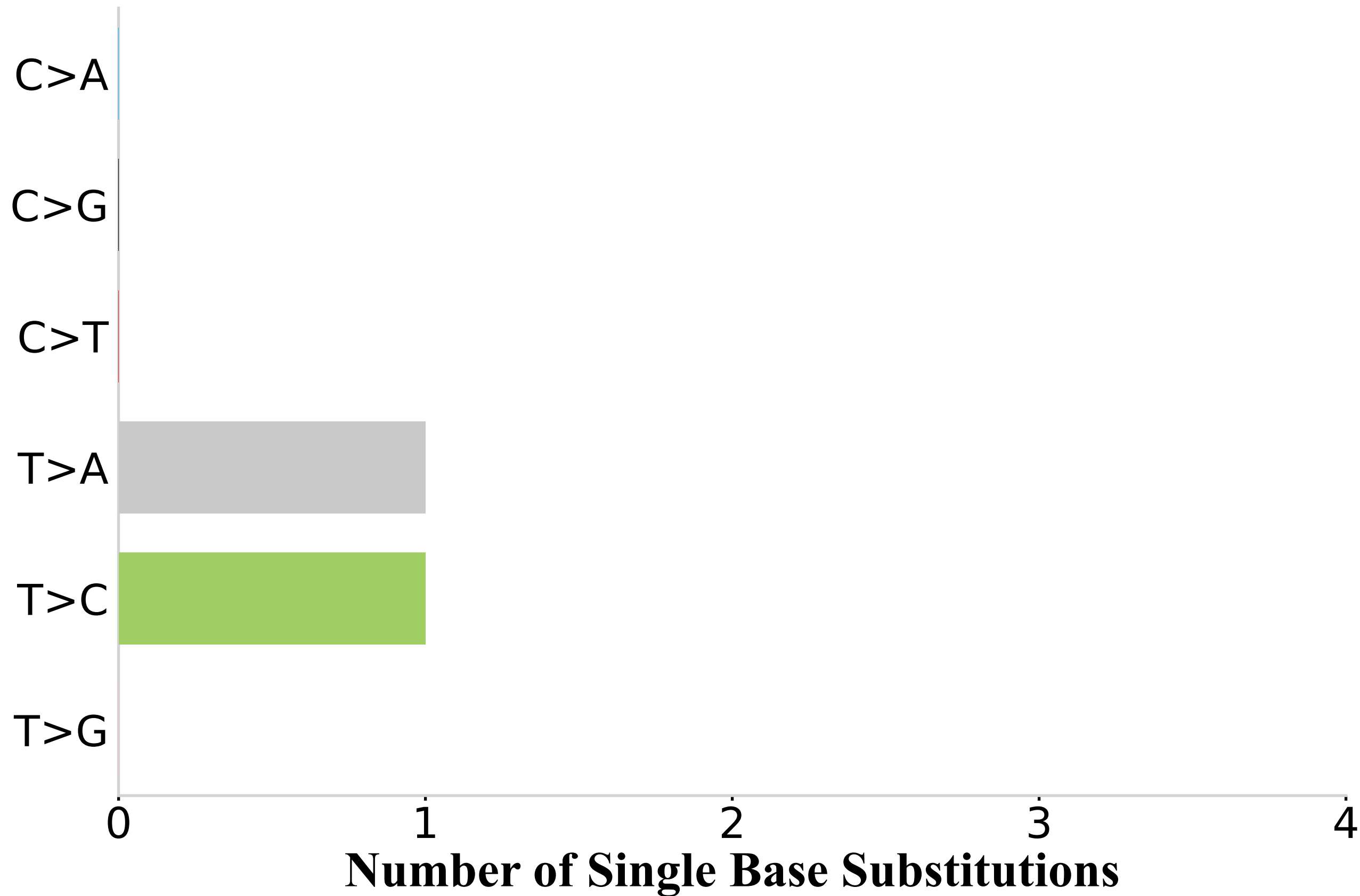
P-0015551-T01-IM6: 1 subs



P-0015565-T01-IM6: 12 subs



P-0015582-T01-IM6: 2 subs



P-0015685-T01-IM6: 1 subs



P-0015742-T01-IM6: 0 subs

C>A

C>G

C>T

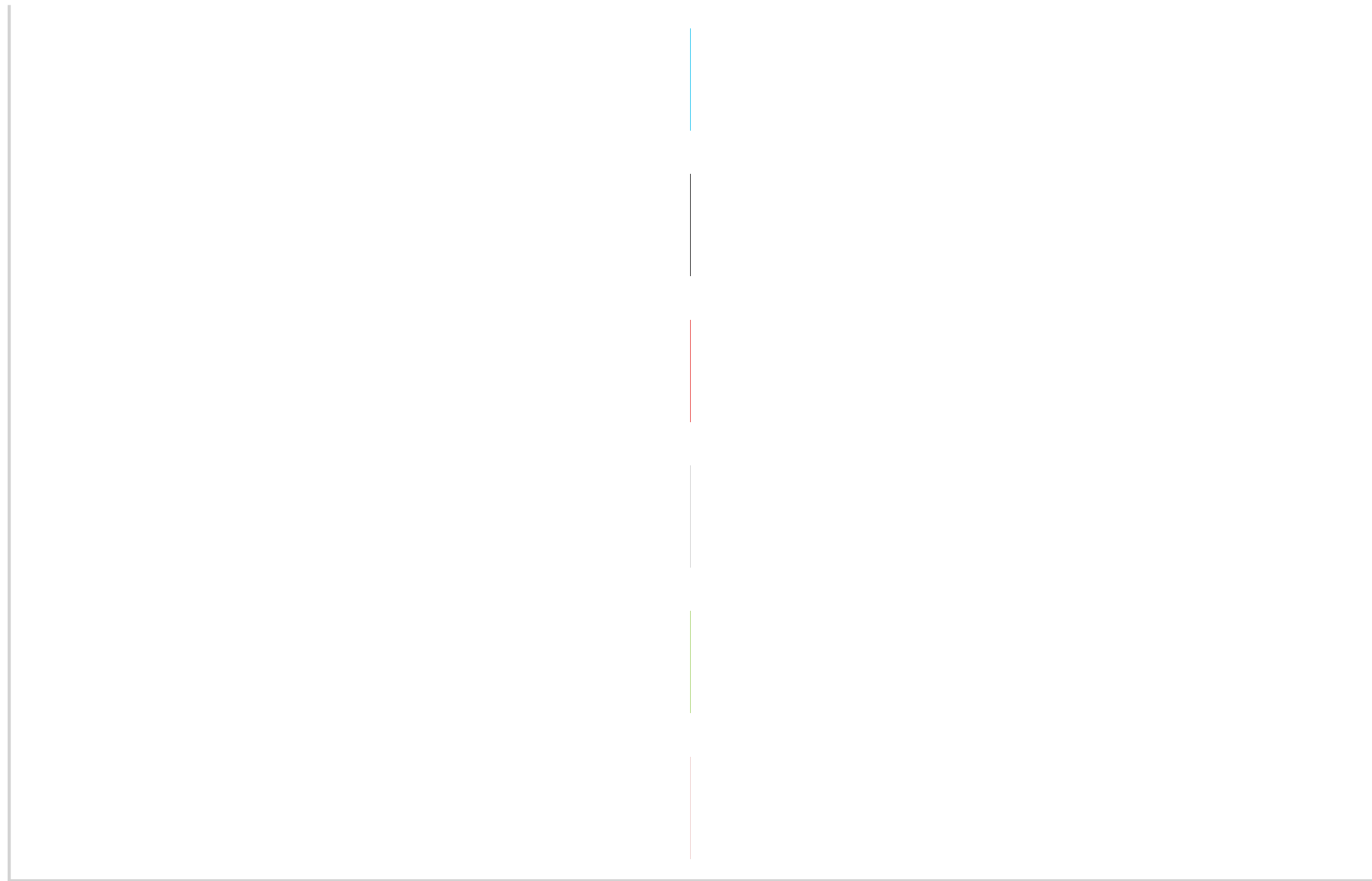
T>A

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T>G

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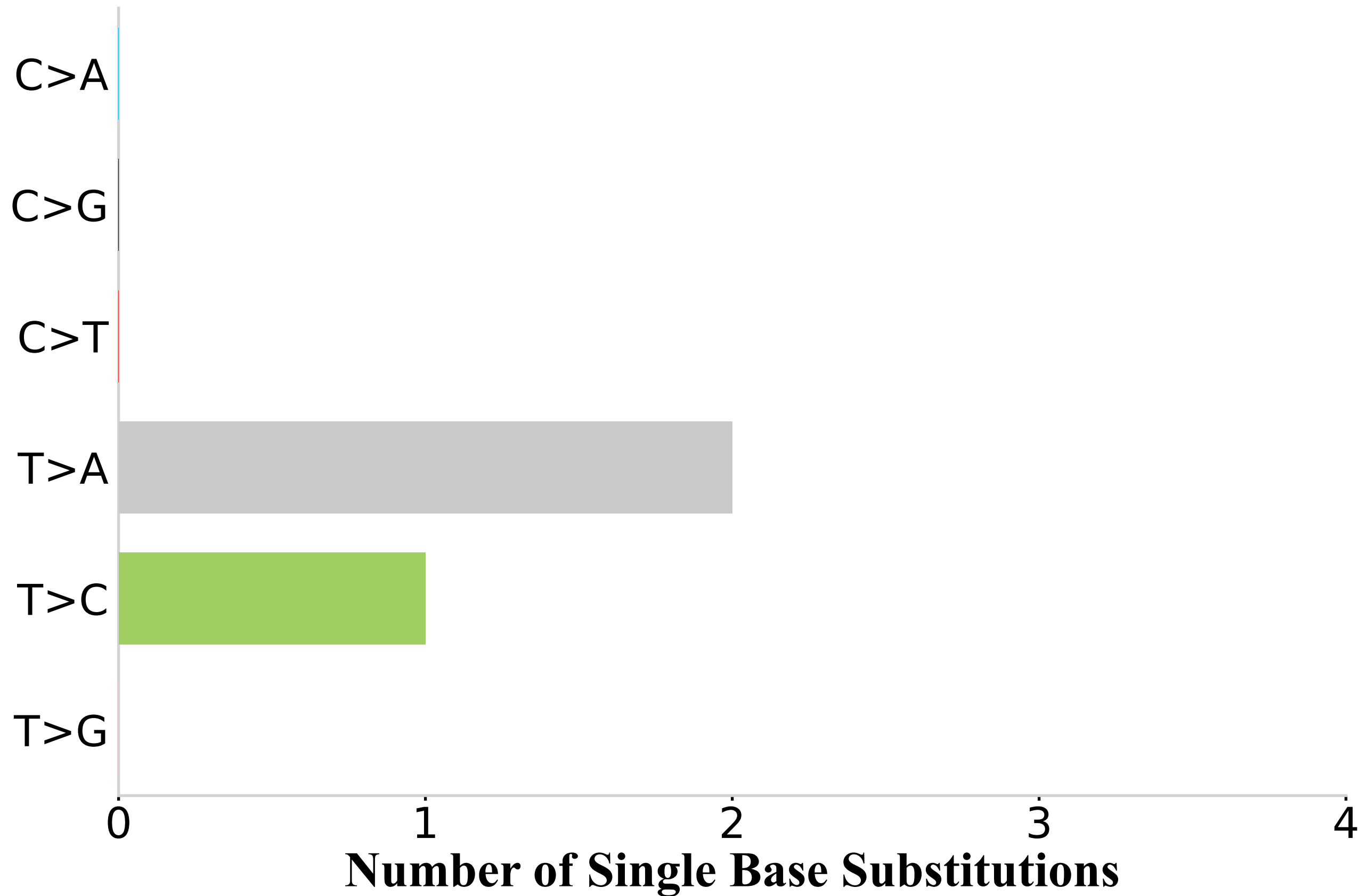
Number of Single Base Substitutions



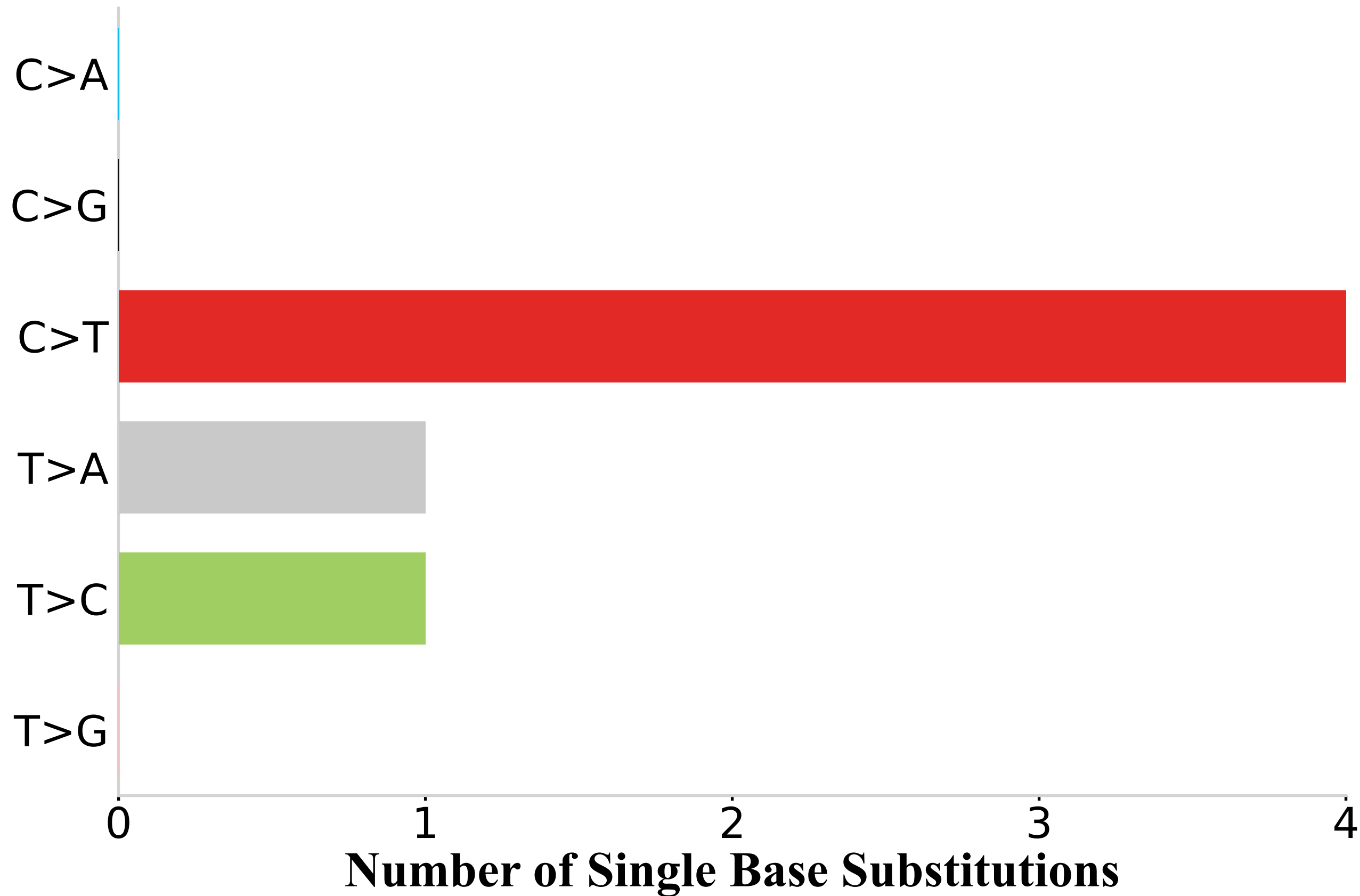
P-0015743-T01-IM6: 1 subs



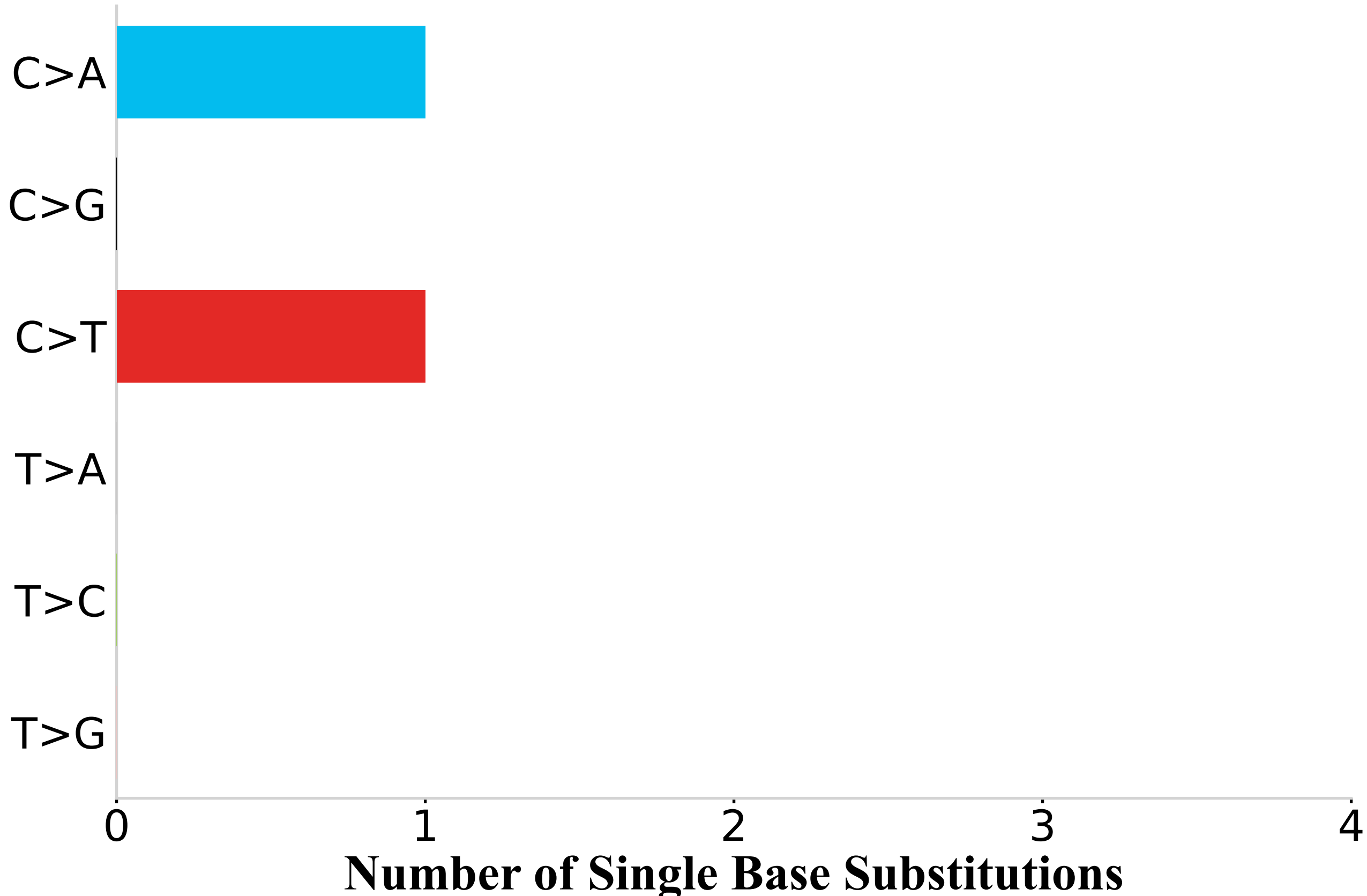
P-0015981-T02-IM6: 3 subs



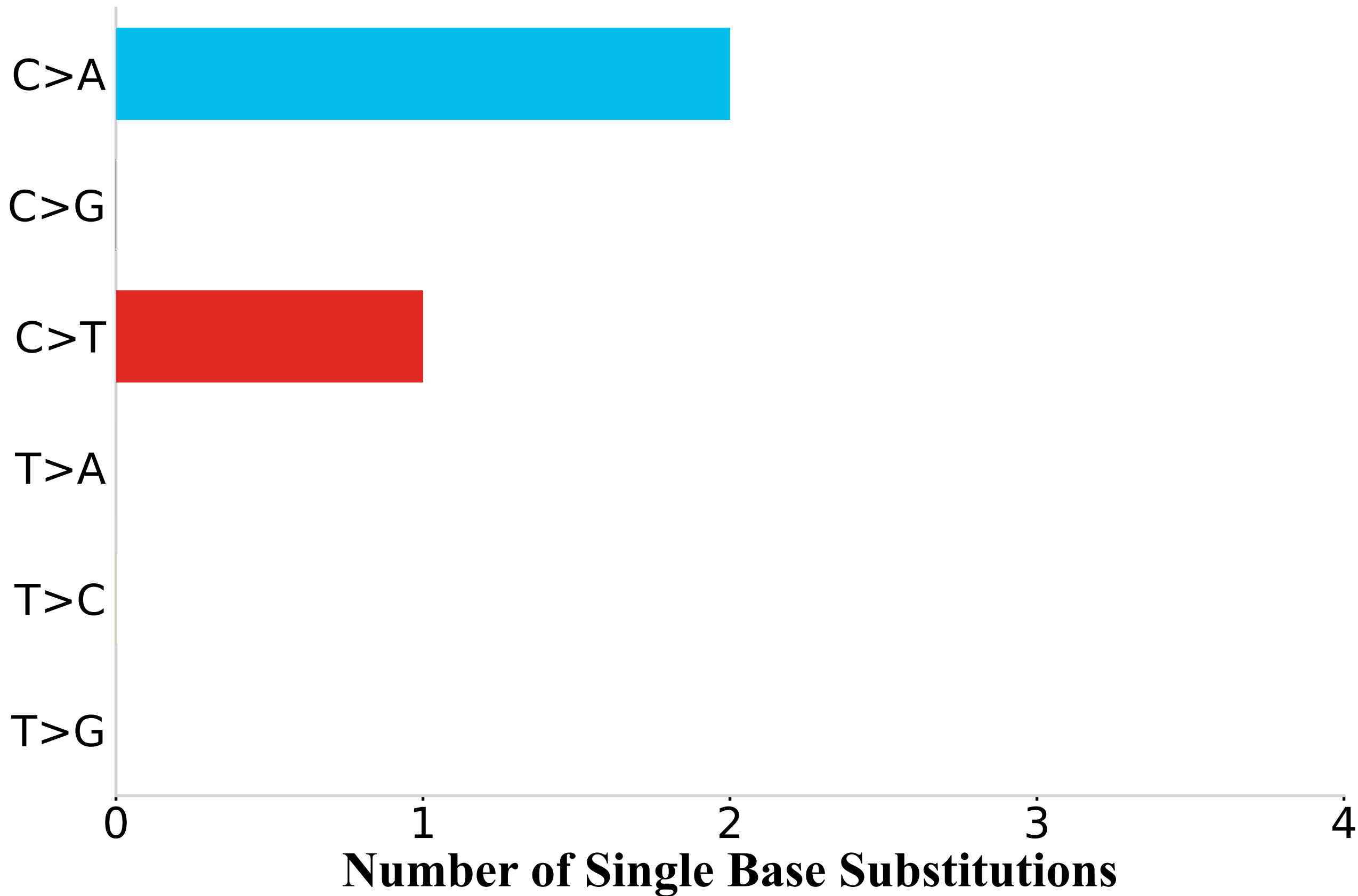
P-0016003-T01-IM6: 6 subs



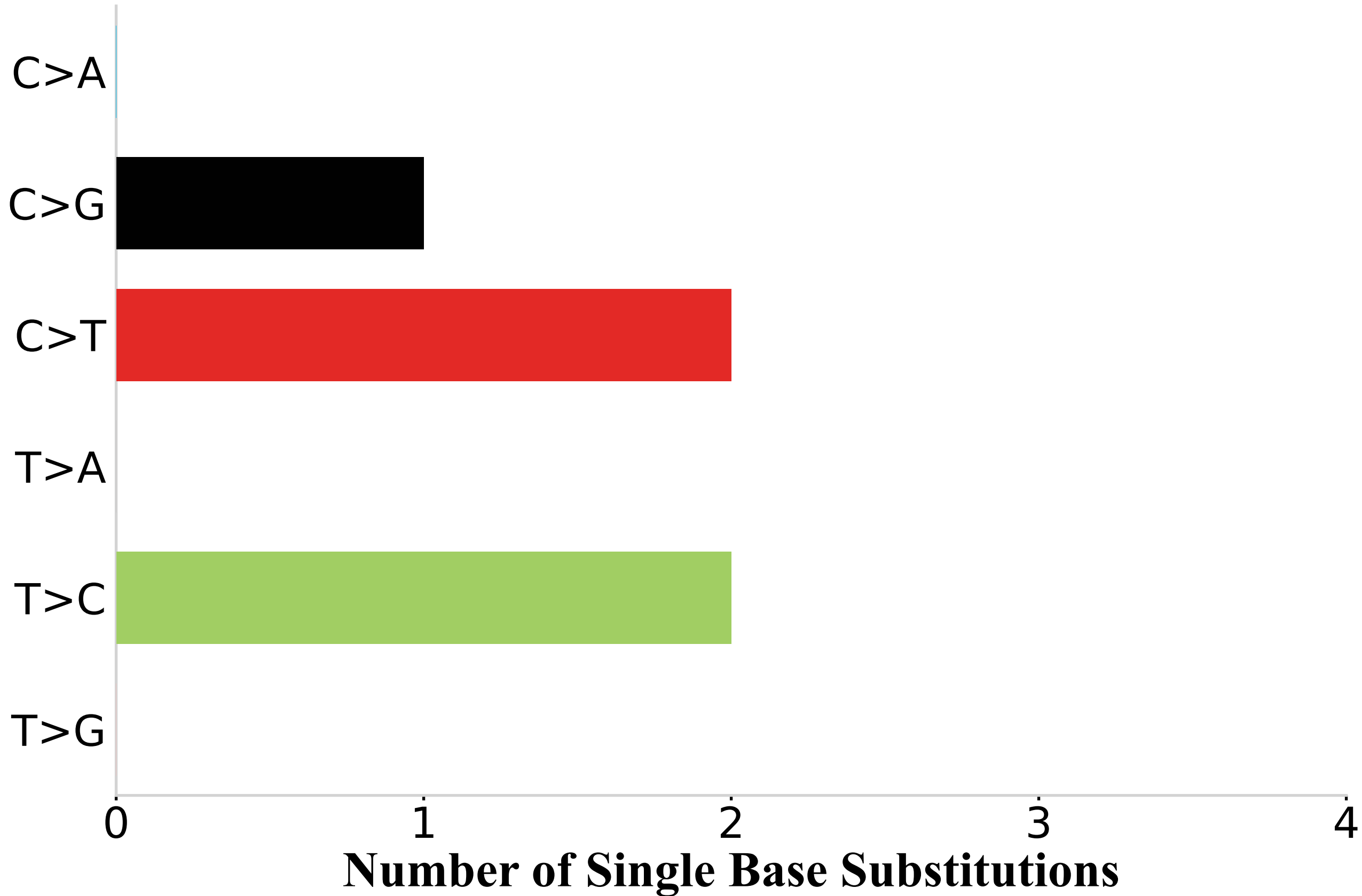
P-0016135-T01-IM6: 2 subs



P-0016141-T01-IM6: 3 subs



P-0016202-T01-IM6: 5 subs



P-0016264-T01-IM6: 0 subs

C>A

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C>T

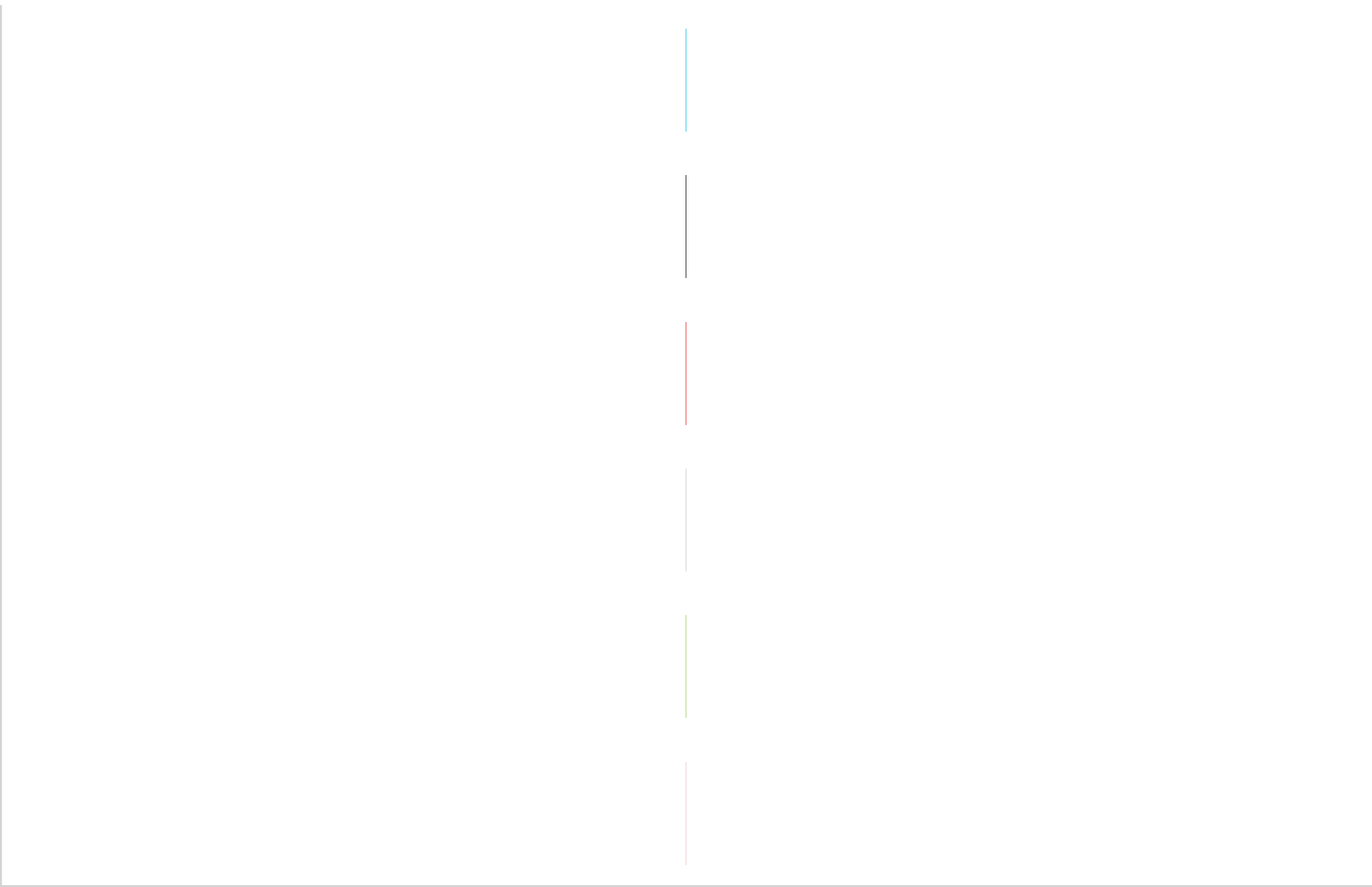
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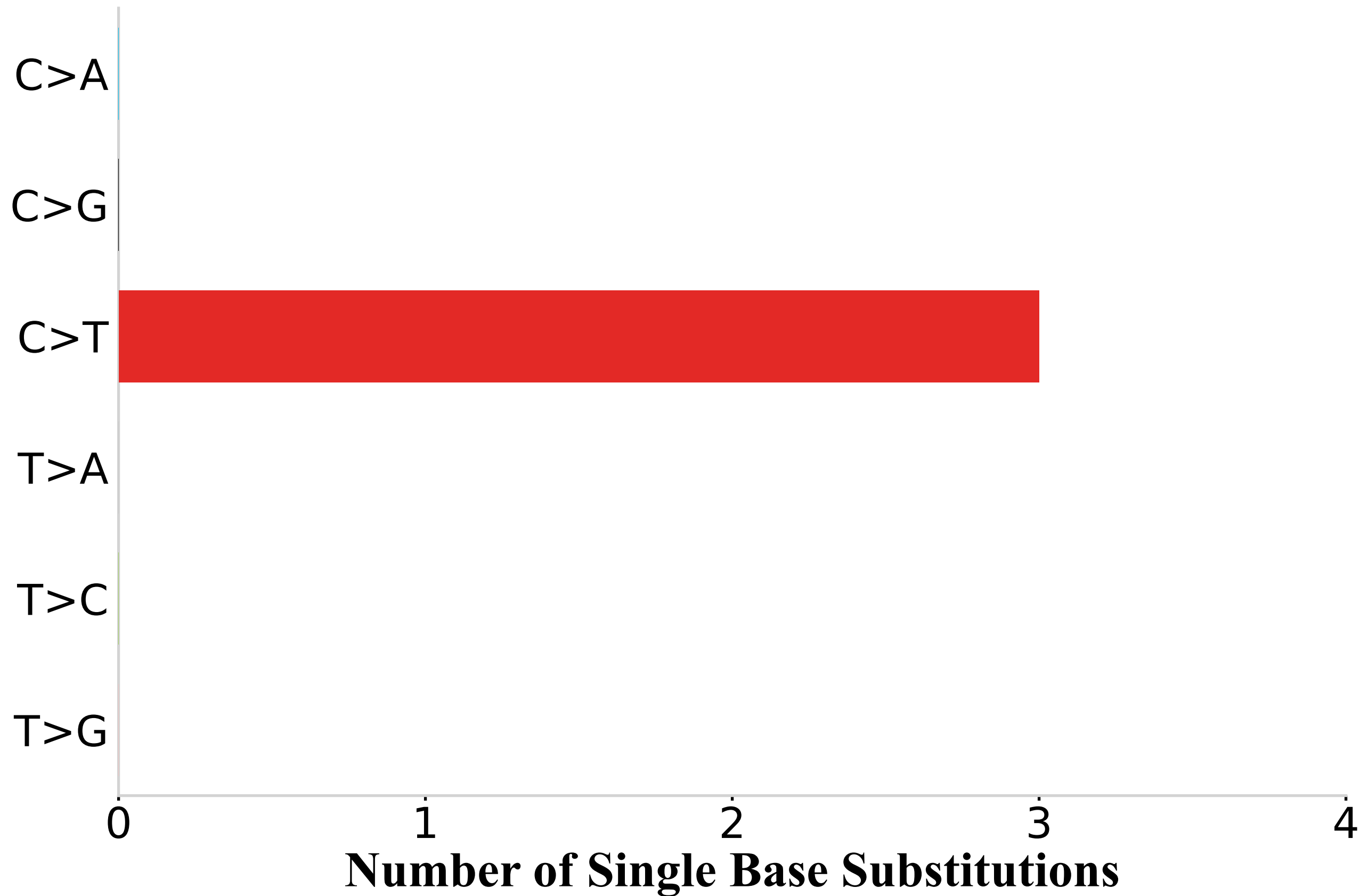
T>G

0

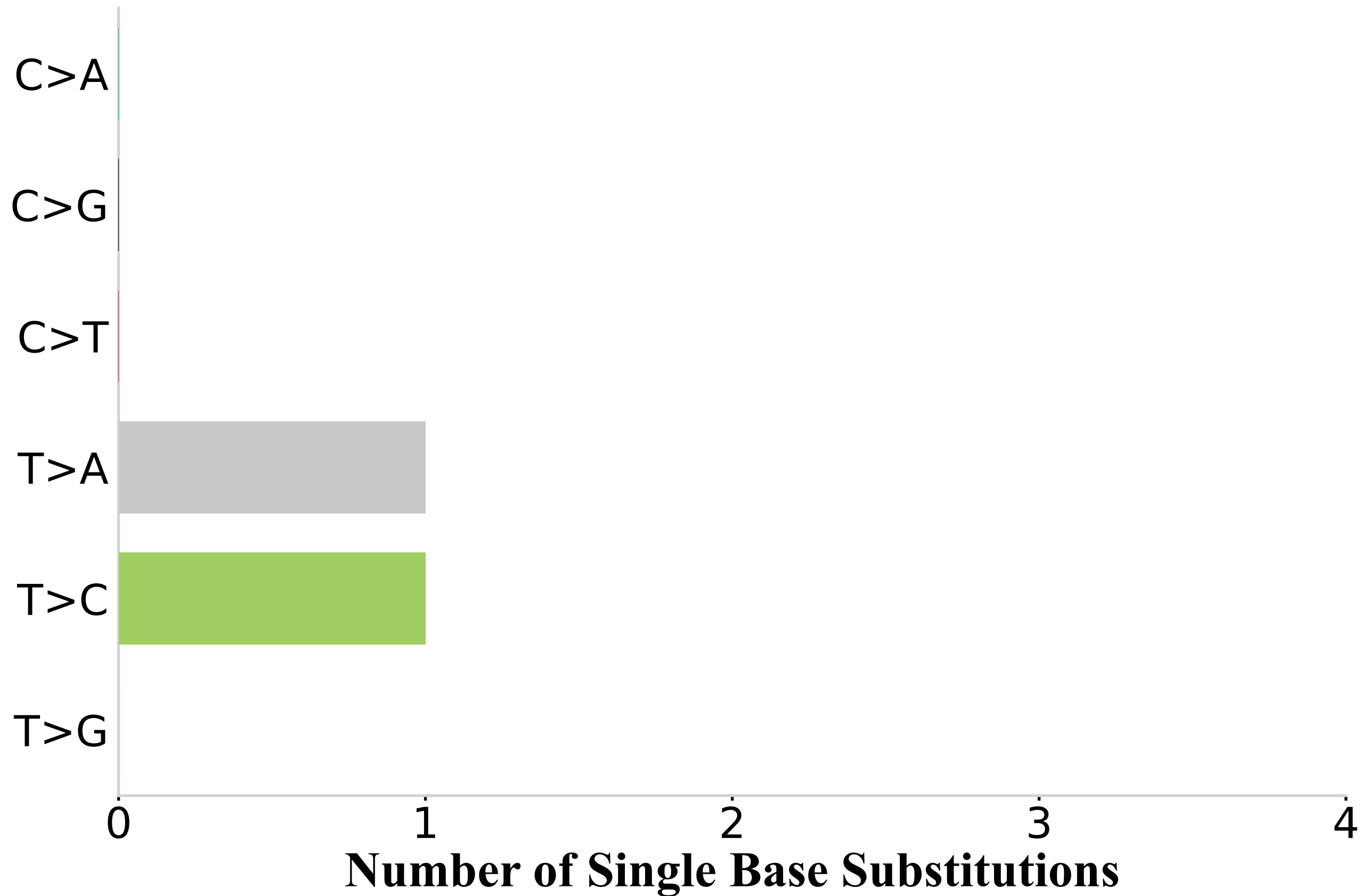
Number of Single Base Substitutions



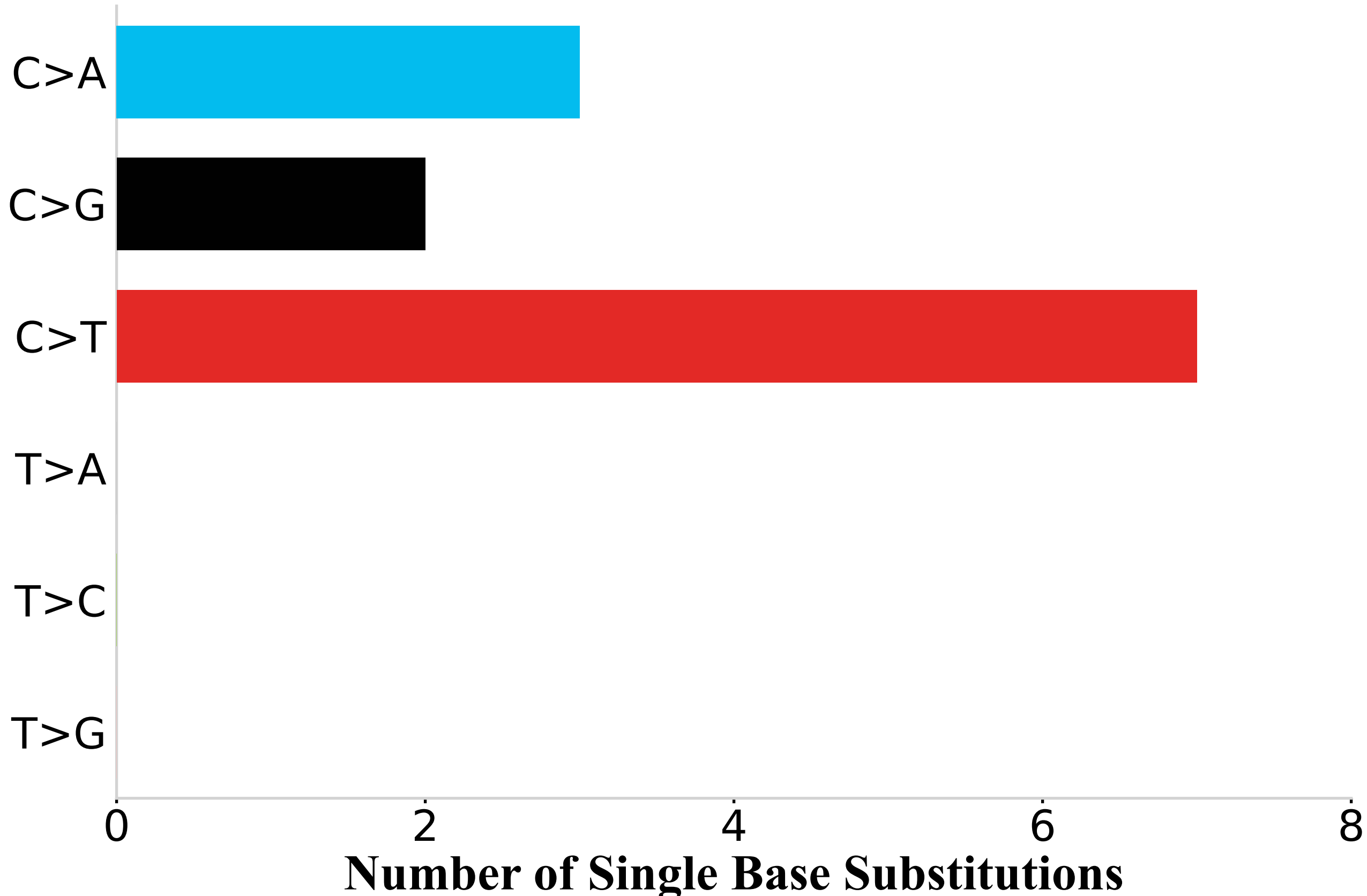
P-0016270-T01-IM6: 3 subs



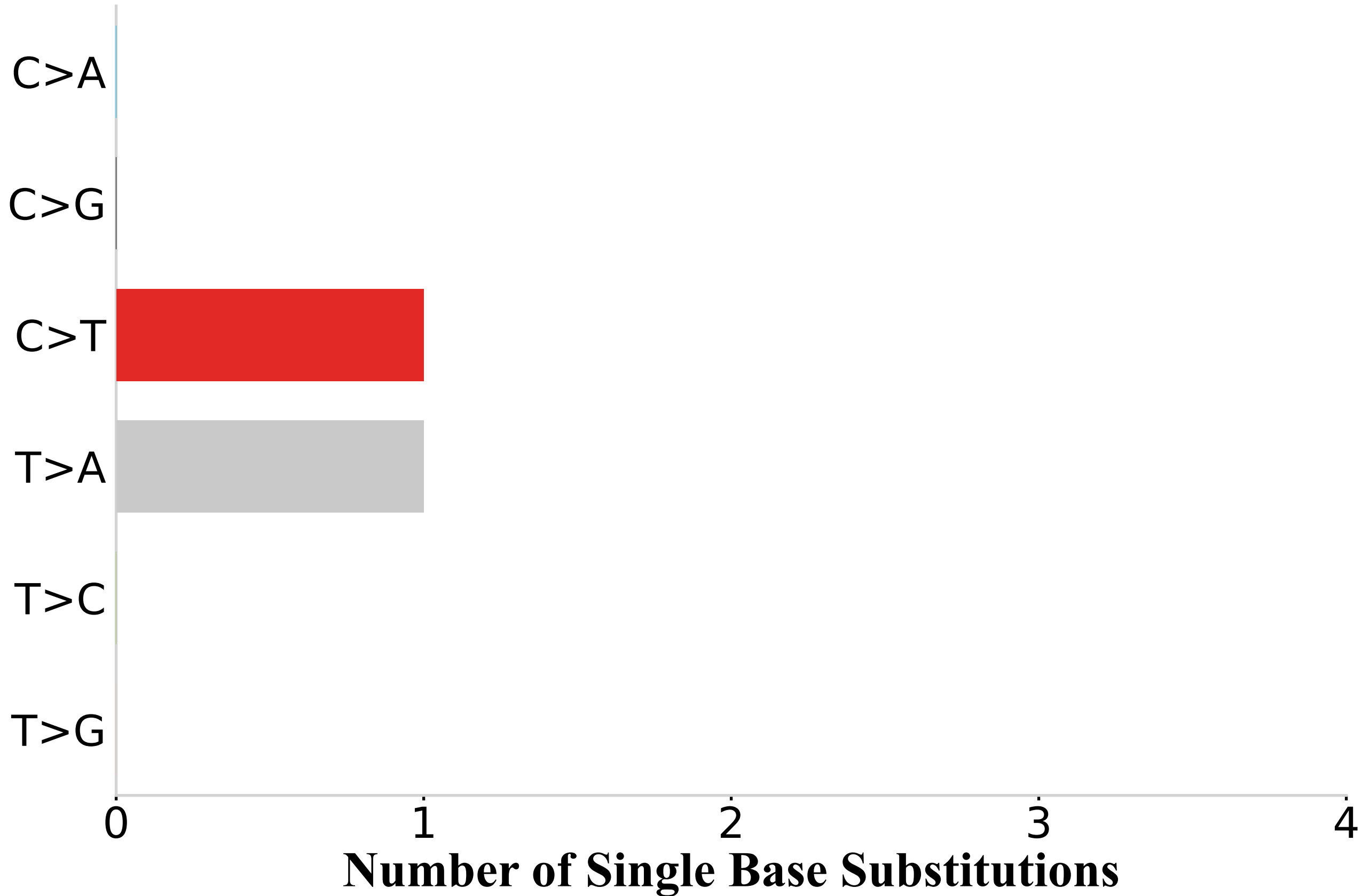
P-0016335-T01-IM6: 2 subs



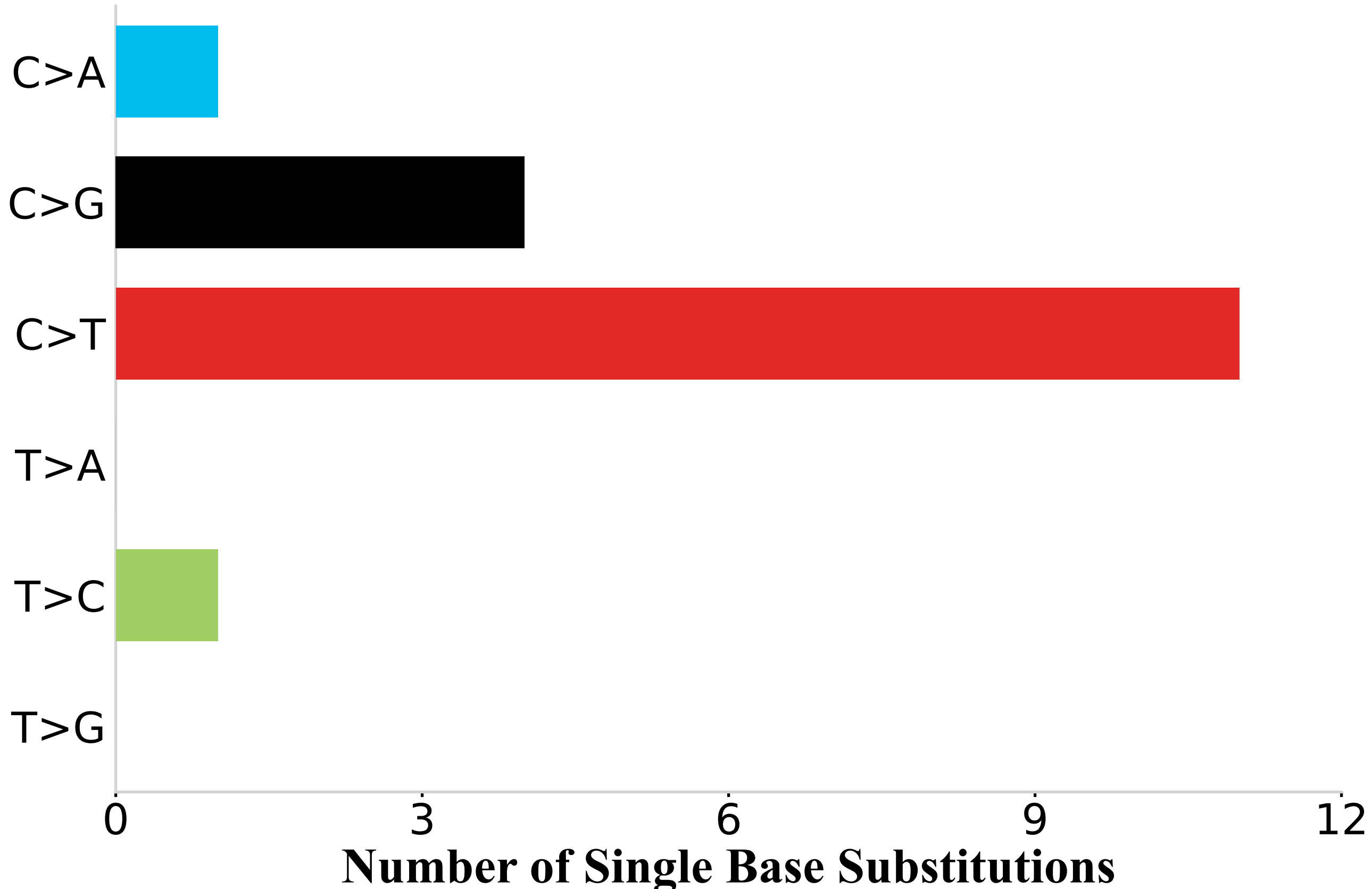
P-0016474-T01-IM6: 12 subs



P-0016475-T01-IM6: 2 subs



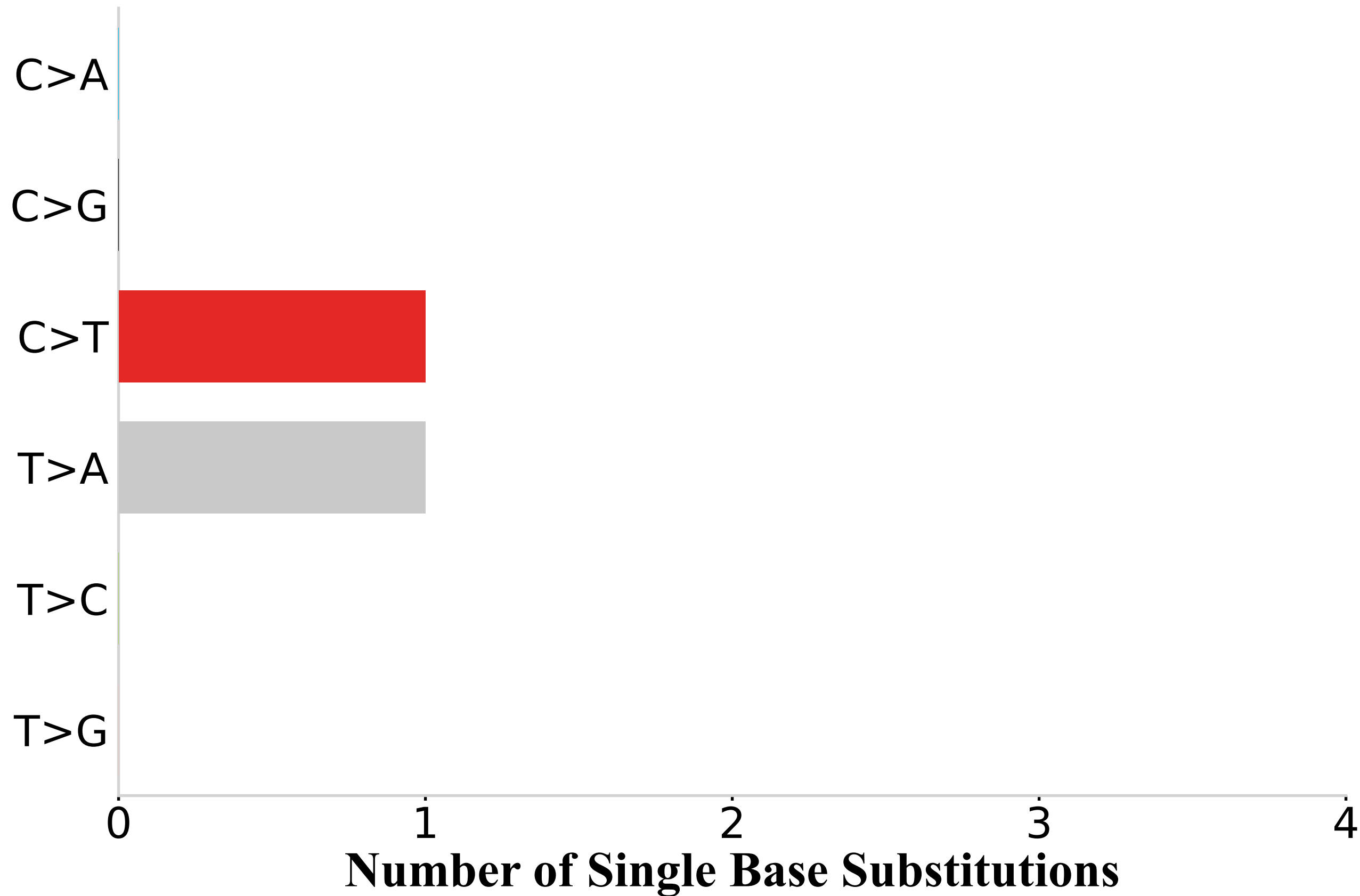
P-0016543-T01-IM6: 17 subs



P-0016545-T01-IM6: 2 subs



P-0016656-T01-IM6: 2 subs



P-0016689-T02-IM6: 4 subs



P-0016719-T01-IM6: 0 subs

C>A

C>G

C>T

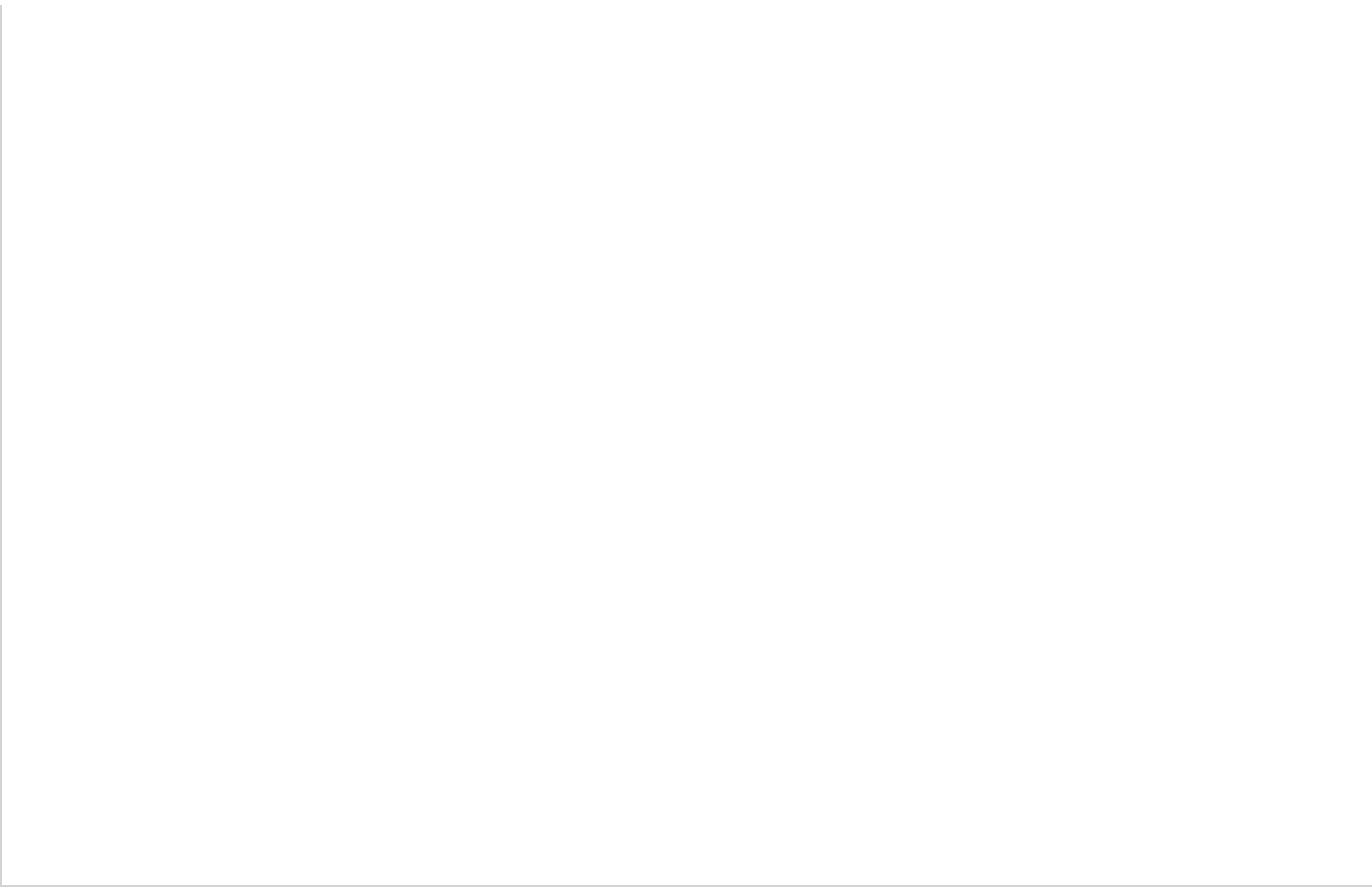
T>A

T>C

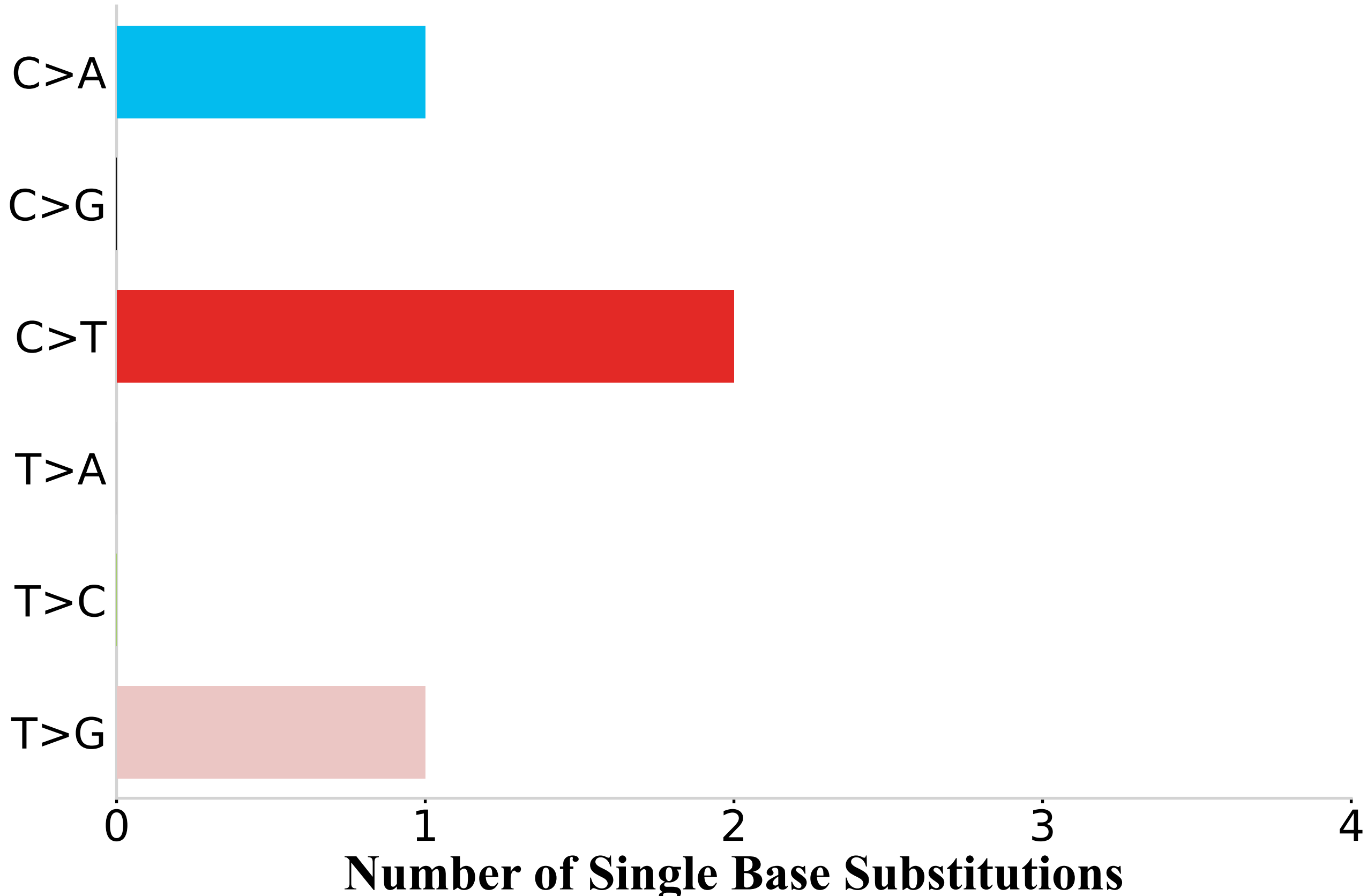
T>G

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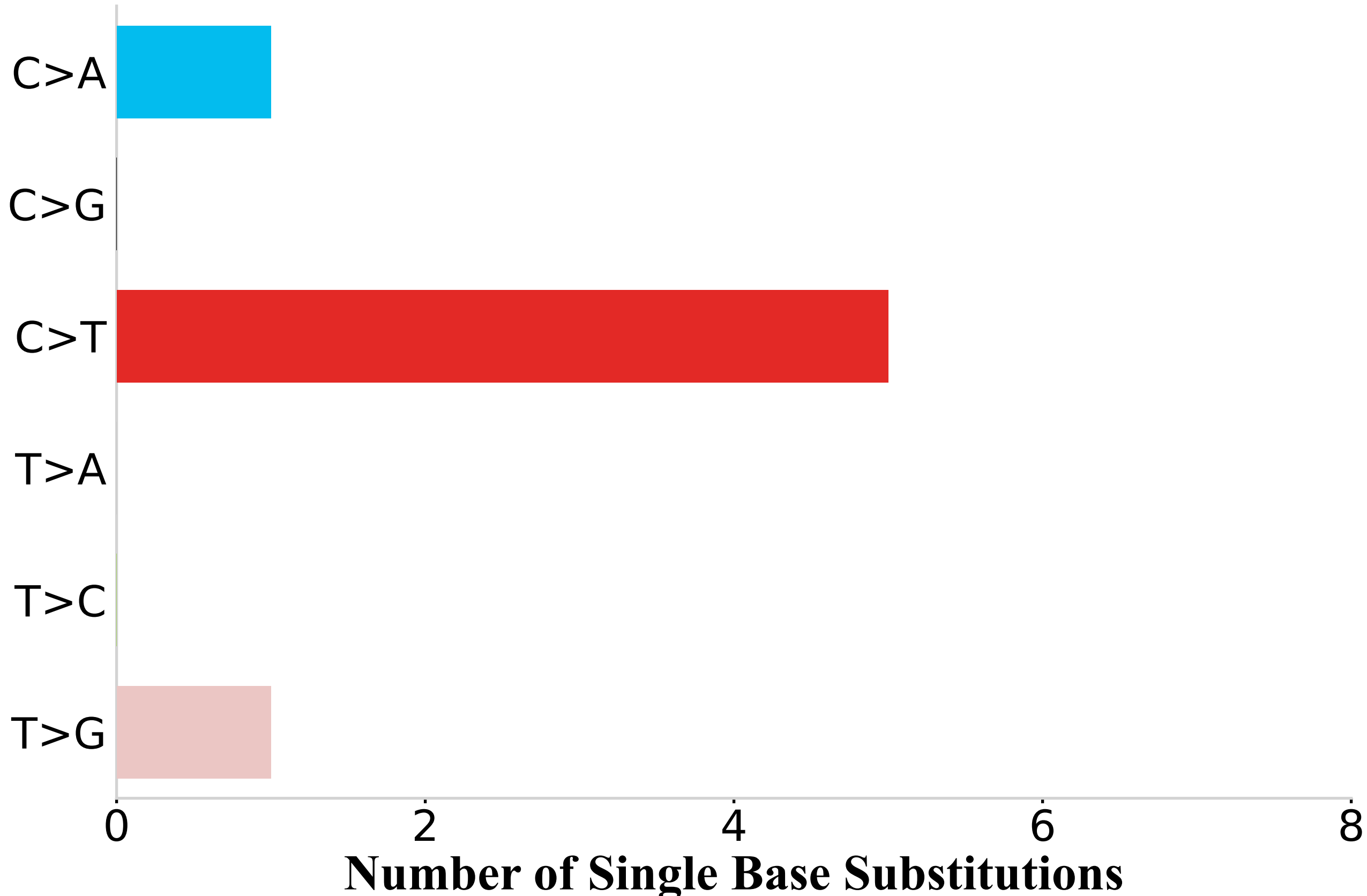
Number of Single Base Substitutions



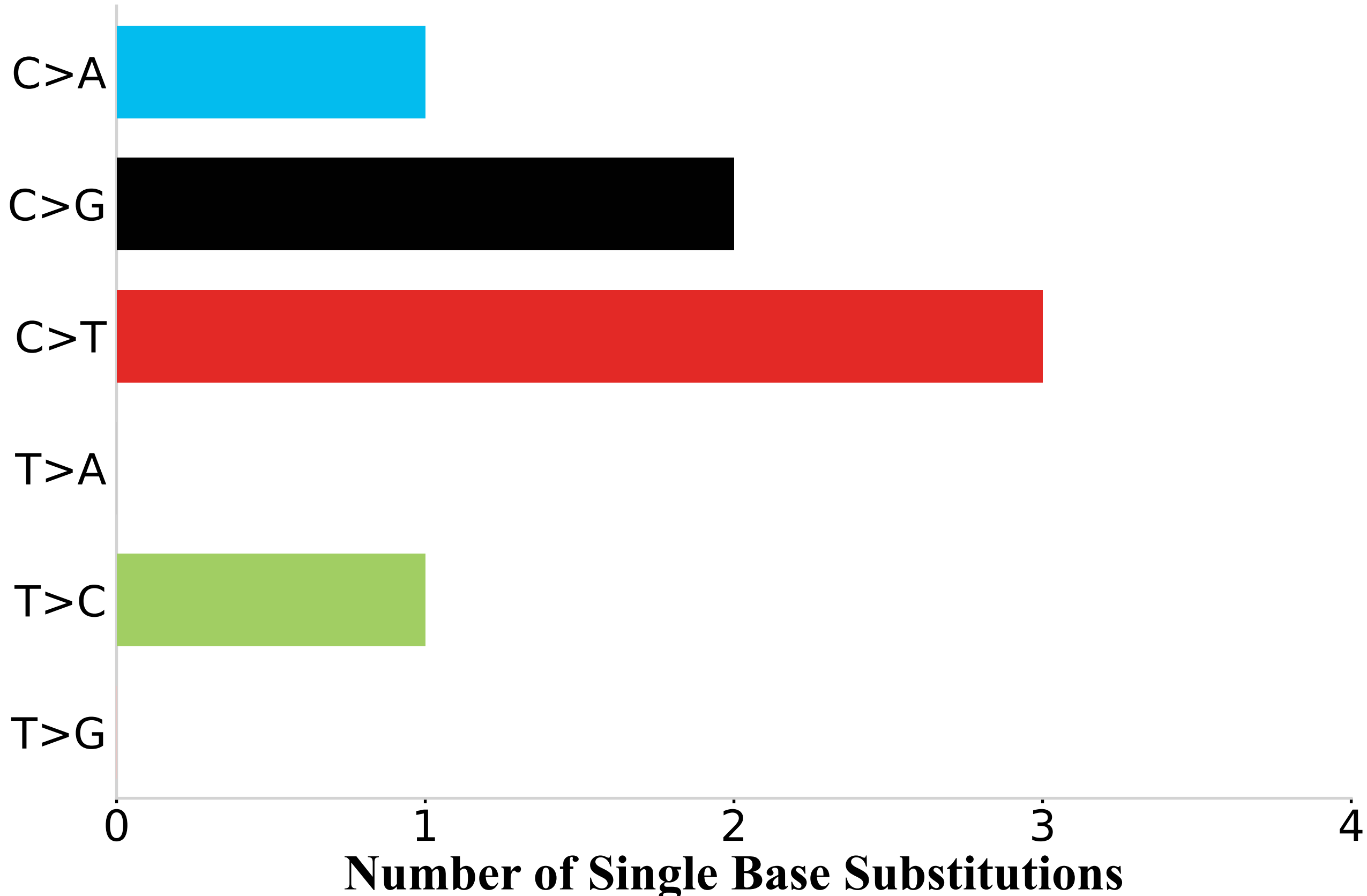
P-0016786-T01-IM6: 4 subs



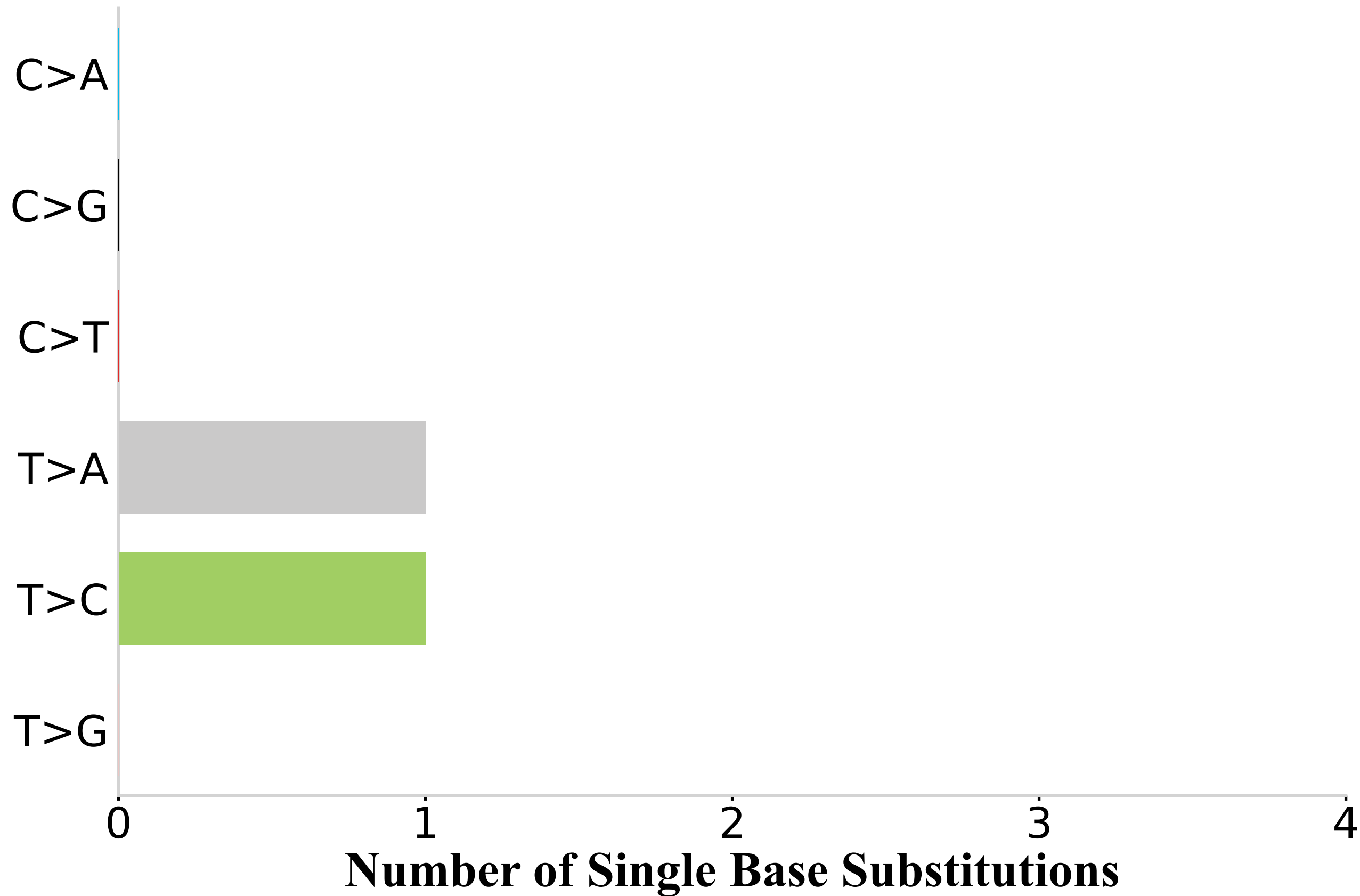
P-0016810-T01-IM6: 7 subs



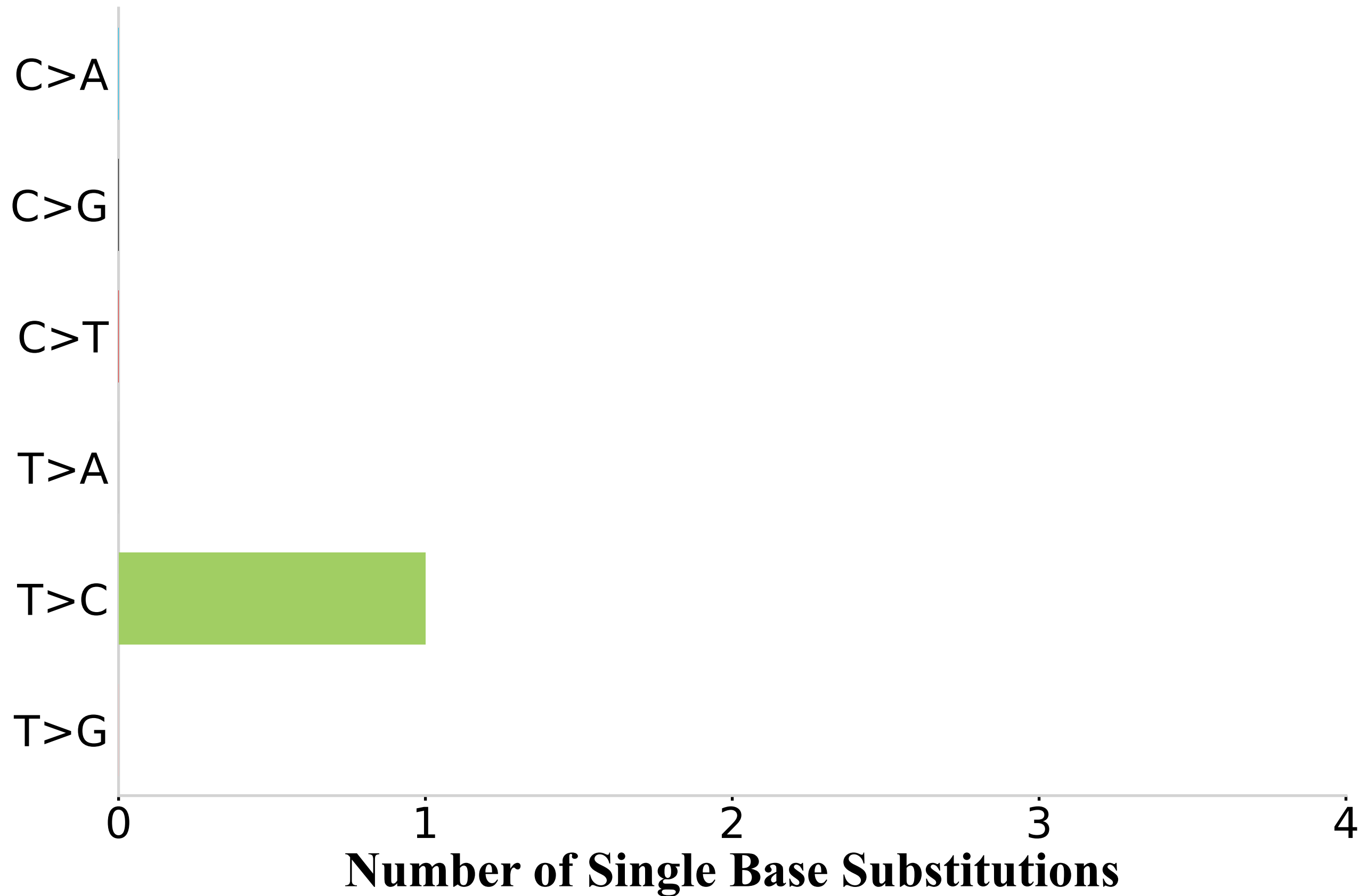
P-0016819-T01-IM6: 7 subs



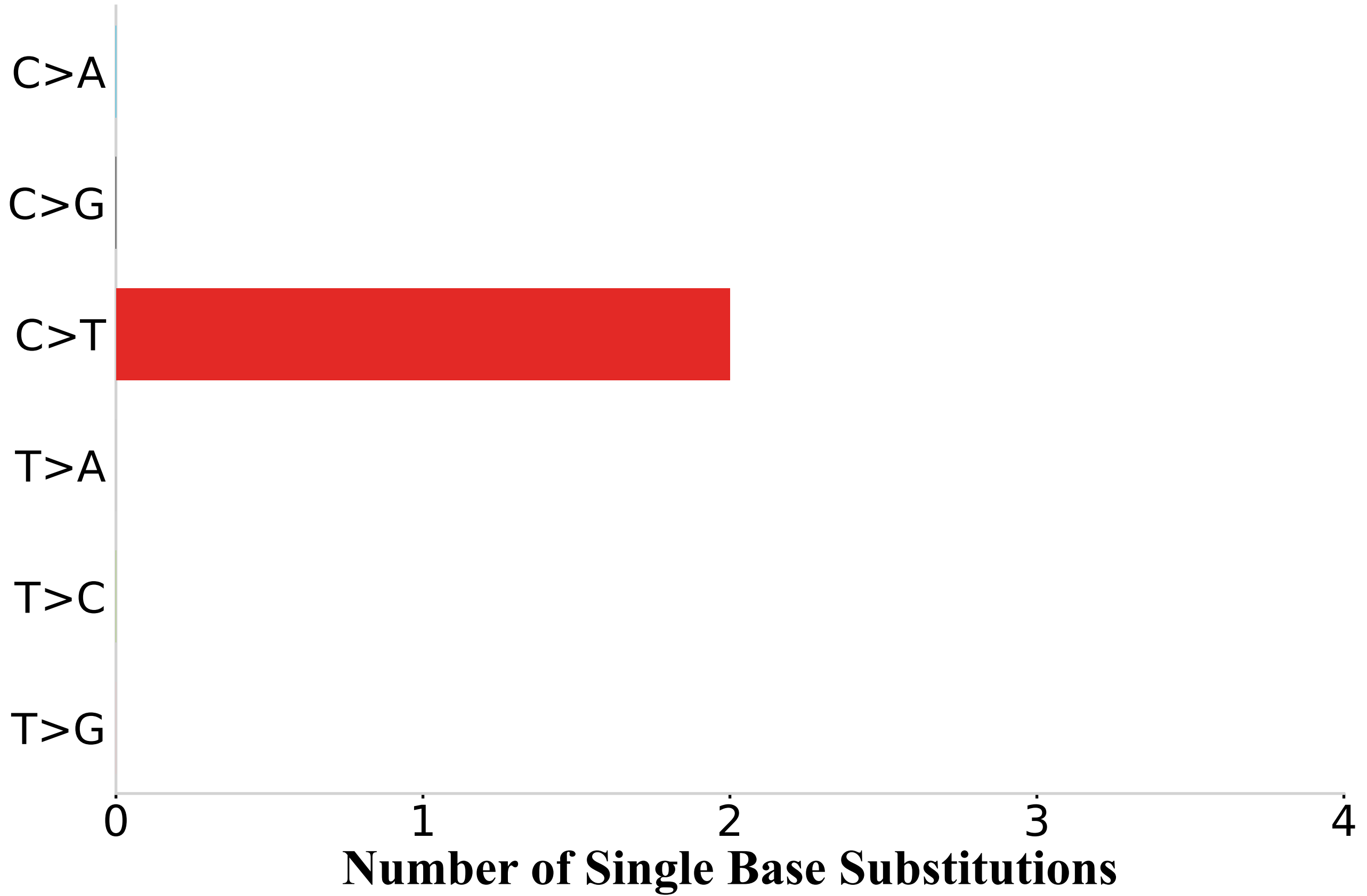
P-0016906-T01-IM6: 2 subs



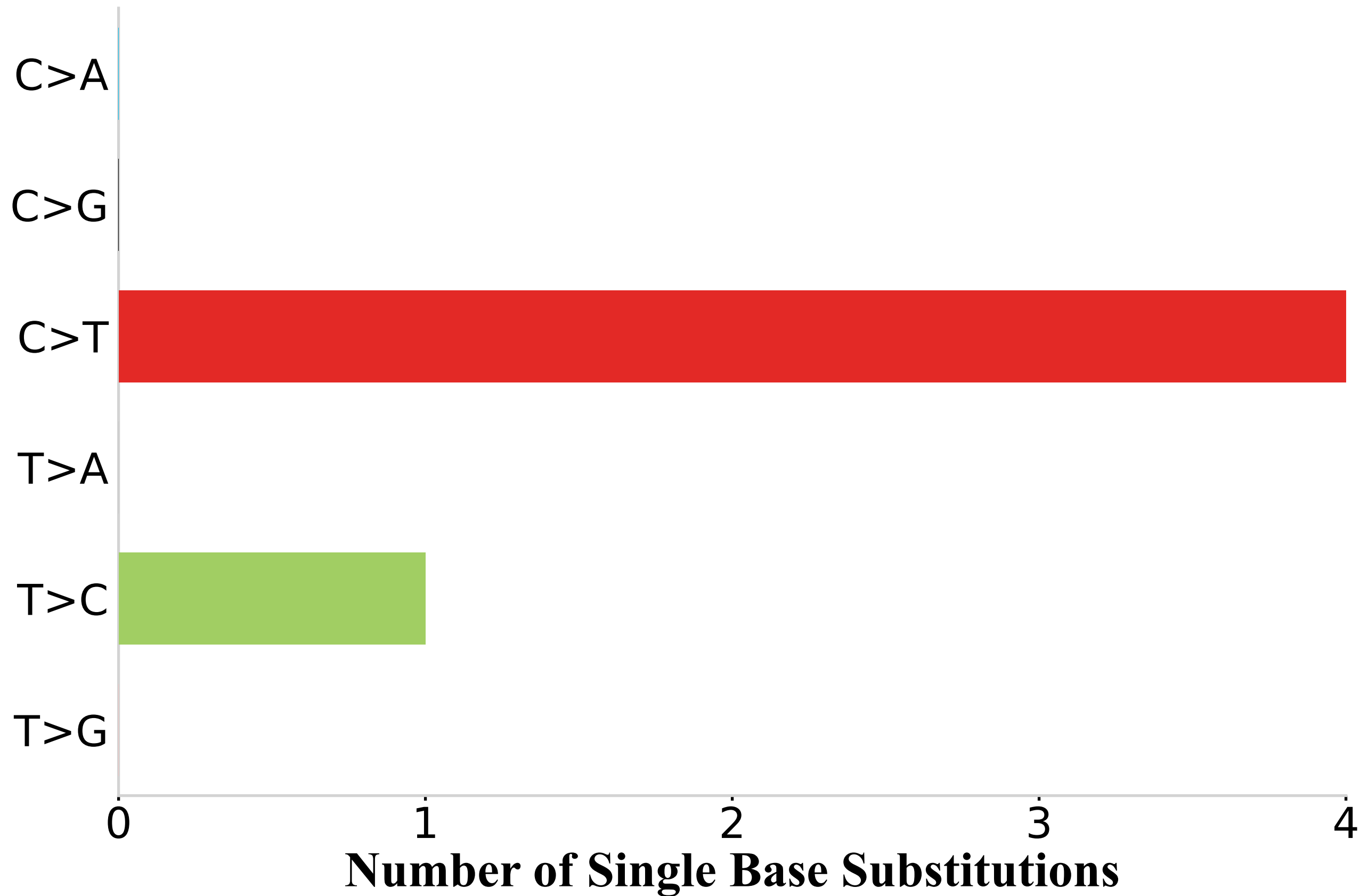
P-0016936-T01-IM6: 1 subs



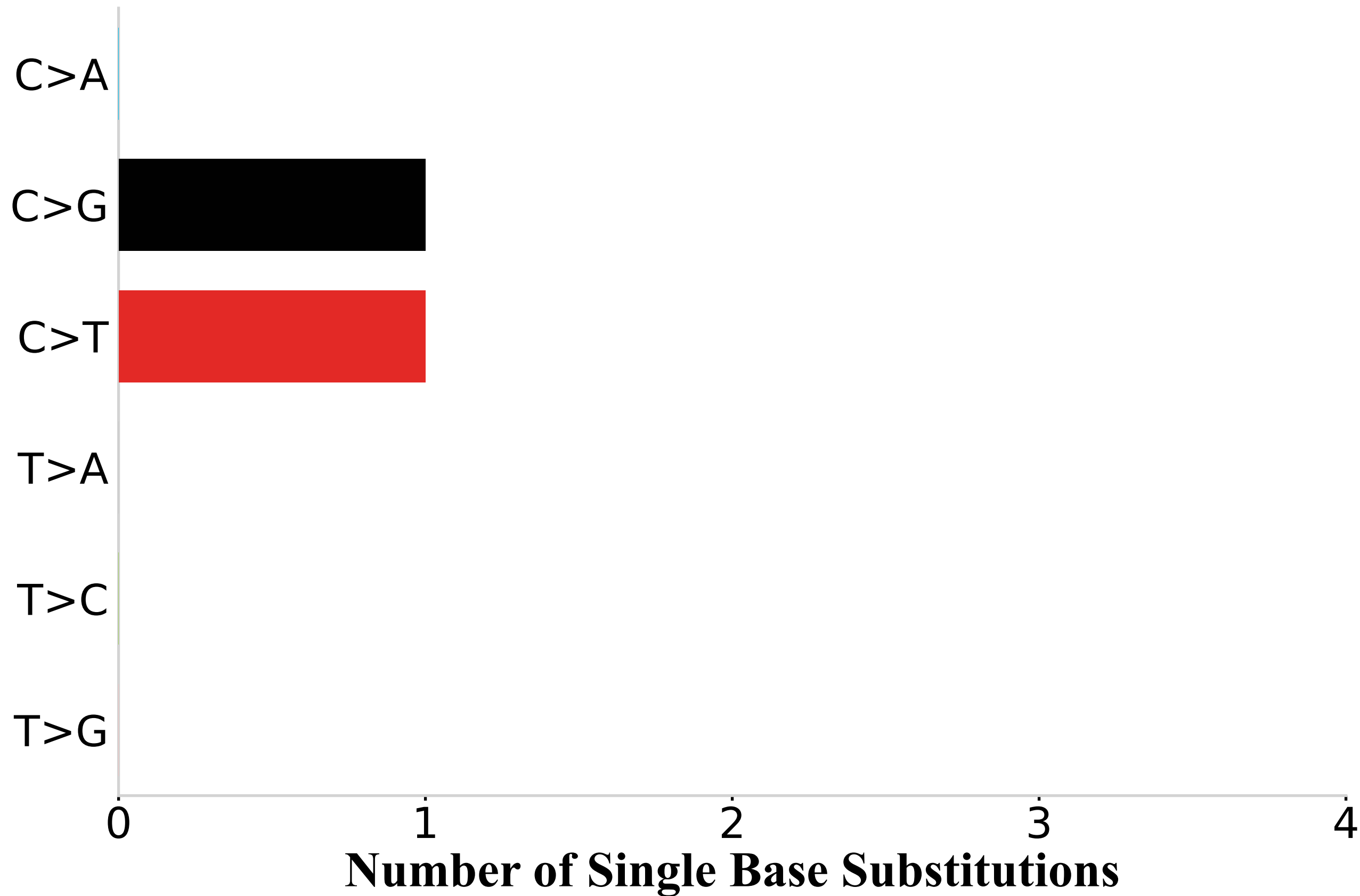
P-0016947-T01-IM6: 2 subs



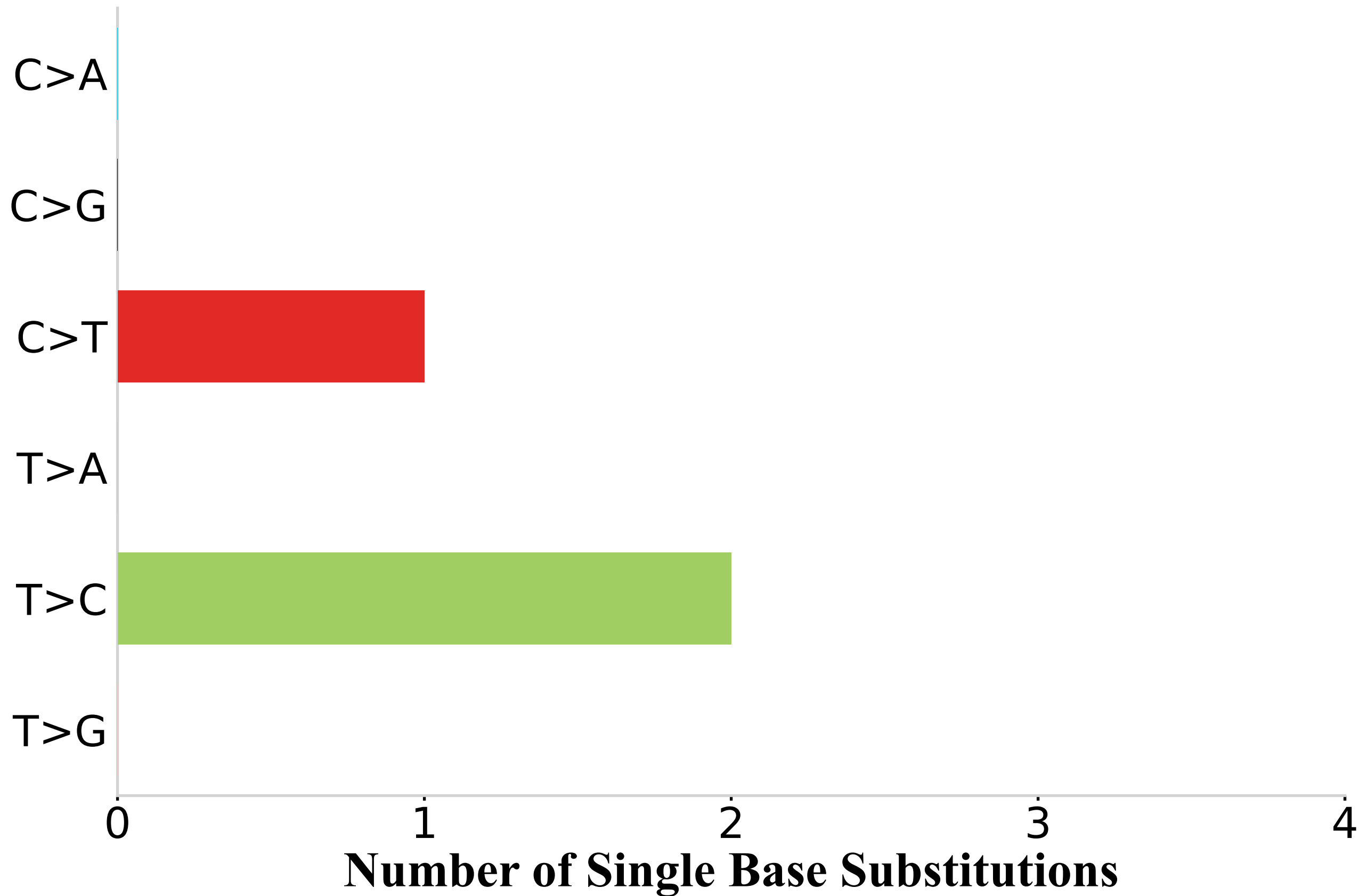
P-0017036-T01-IM6: 5 subs



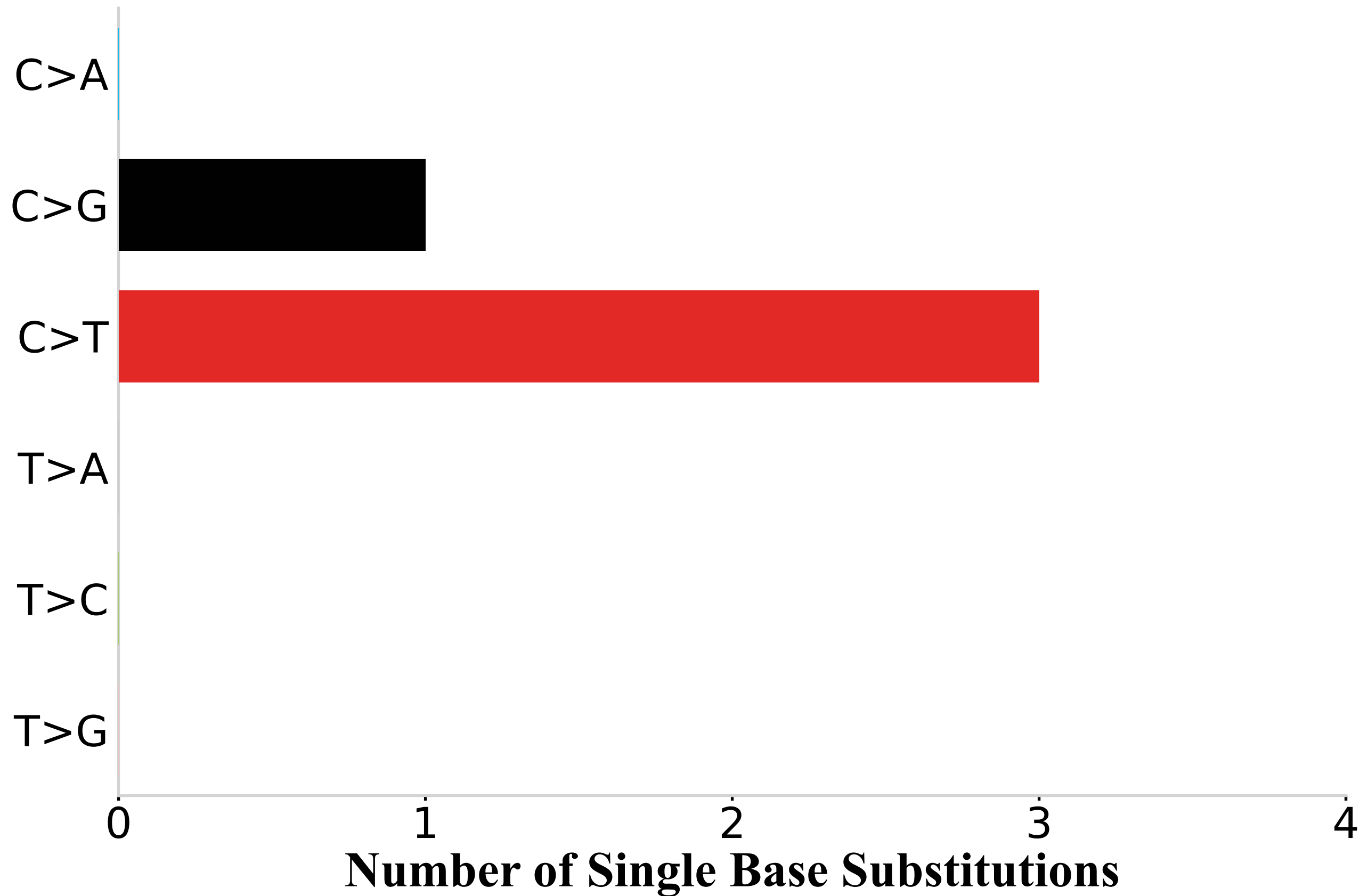
P-0017098-T01-IM6: 2 subs



P-0017099-T01-IM6: 3 subs



P-0017156-T01-IM6: 4 subs



P-0017172-T01-IM6: 0 subs

C>A

C>G

C>T

T>A

T>C

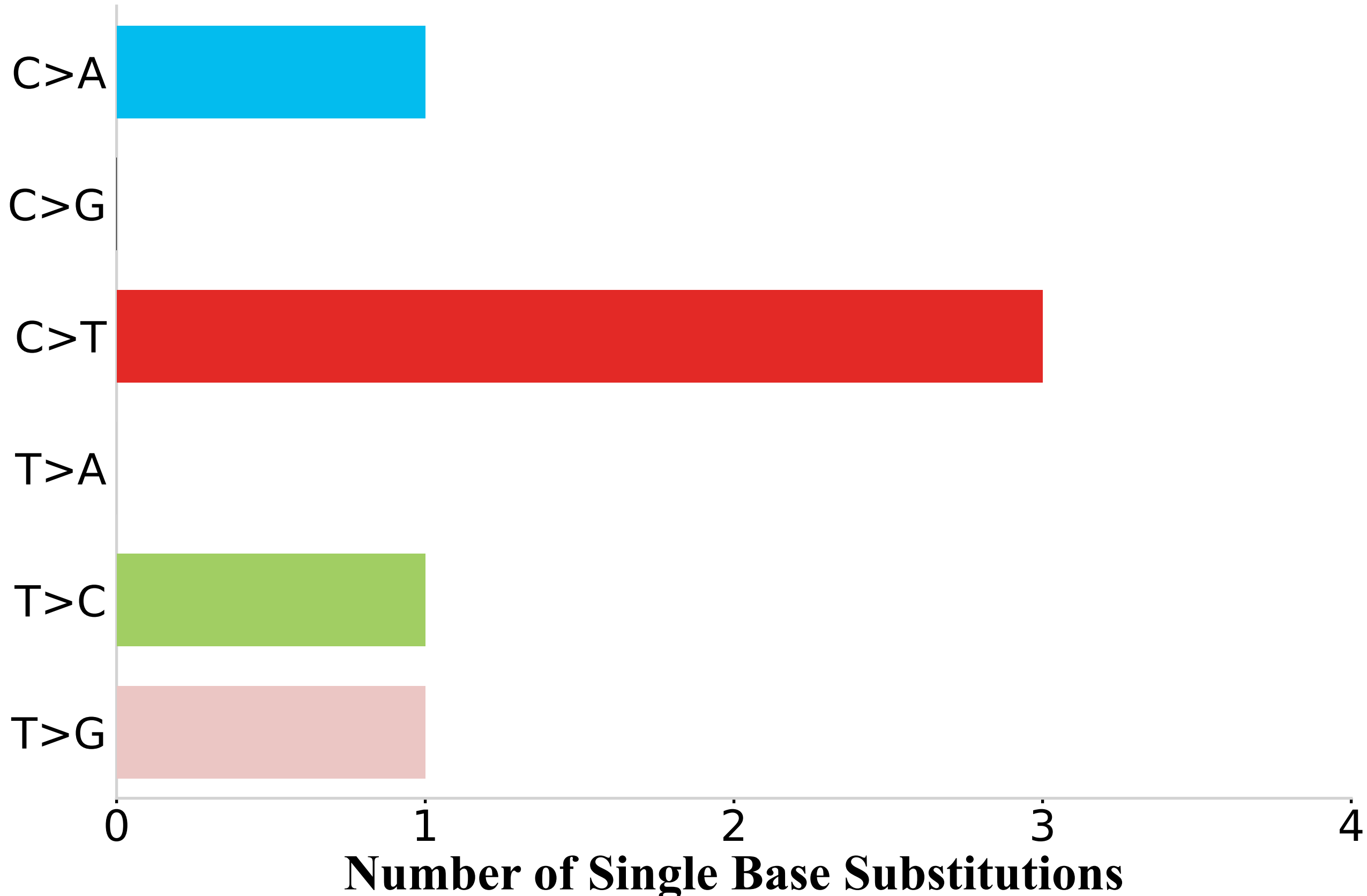
T>G

0

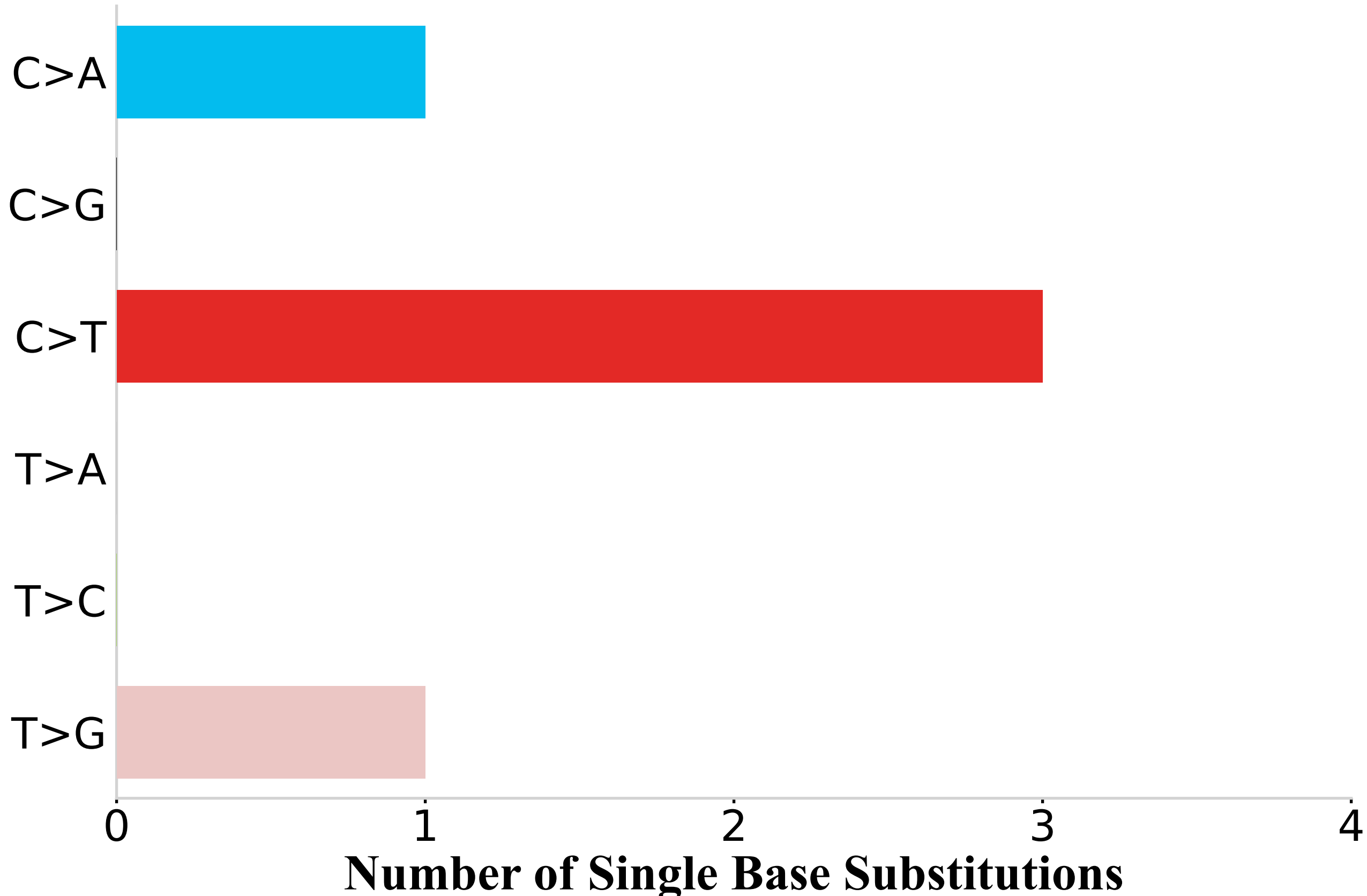
Number of Single Base Substitutions



P-0017217-T01-IM6: 6 subs



P-0017257-T01-IM6: 5 subs



P-0017261-T01-IM6: 0 subs

C>A

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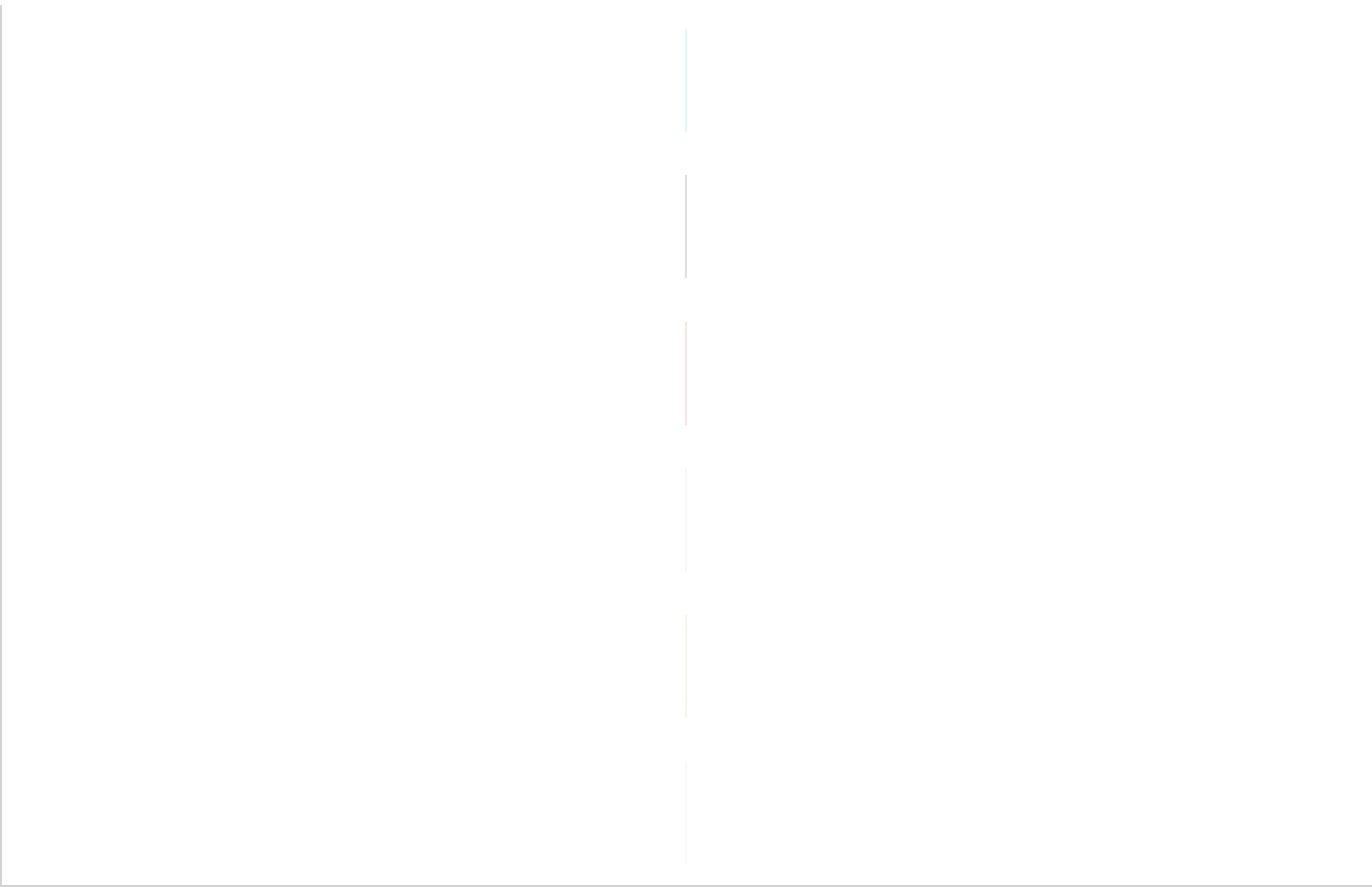
T>A

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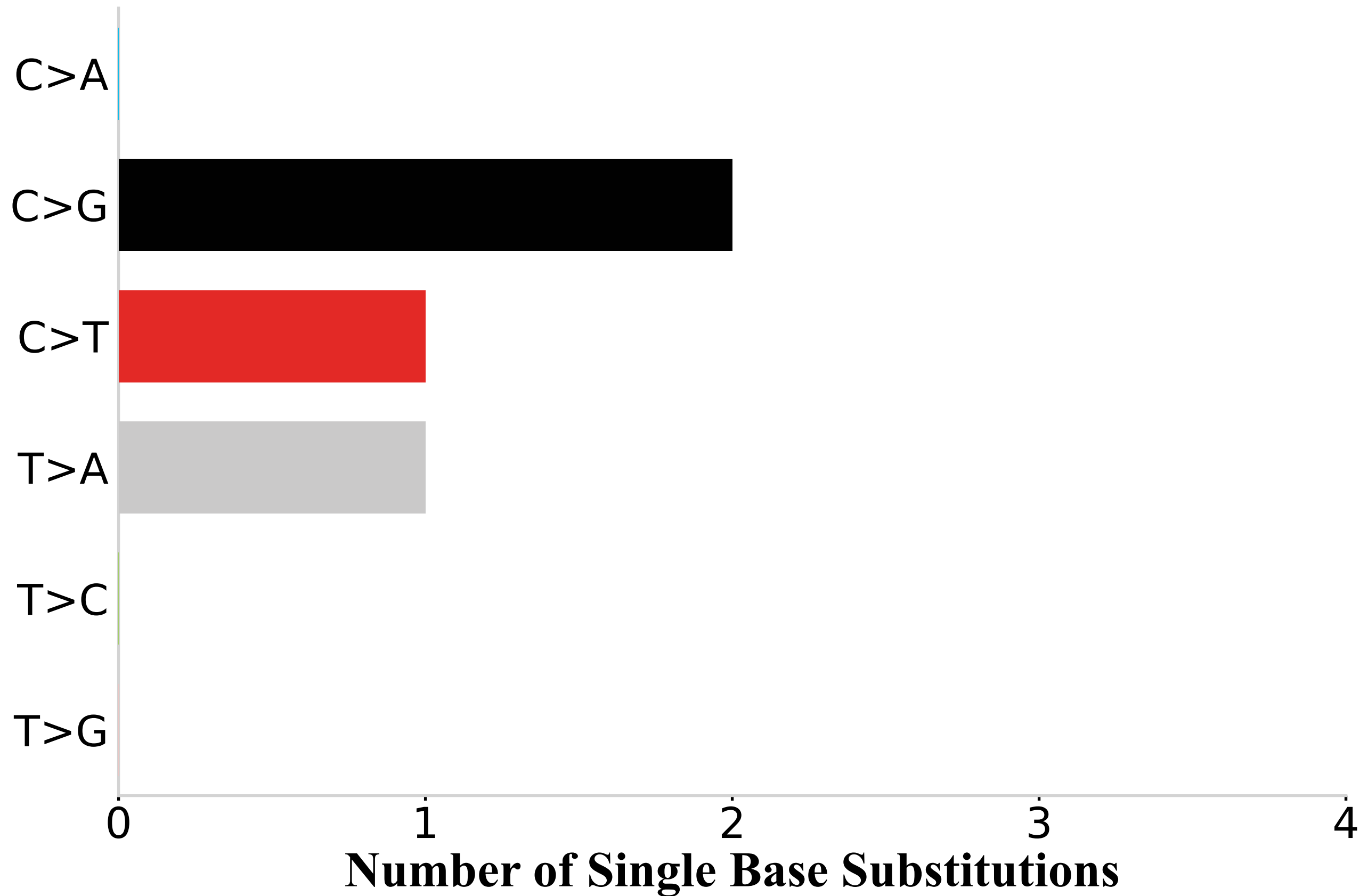
T>G

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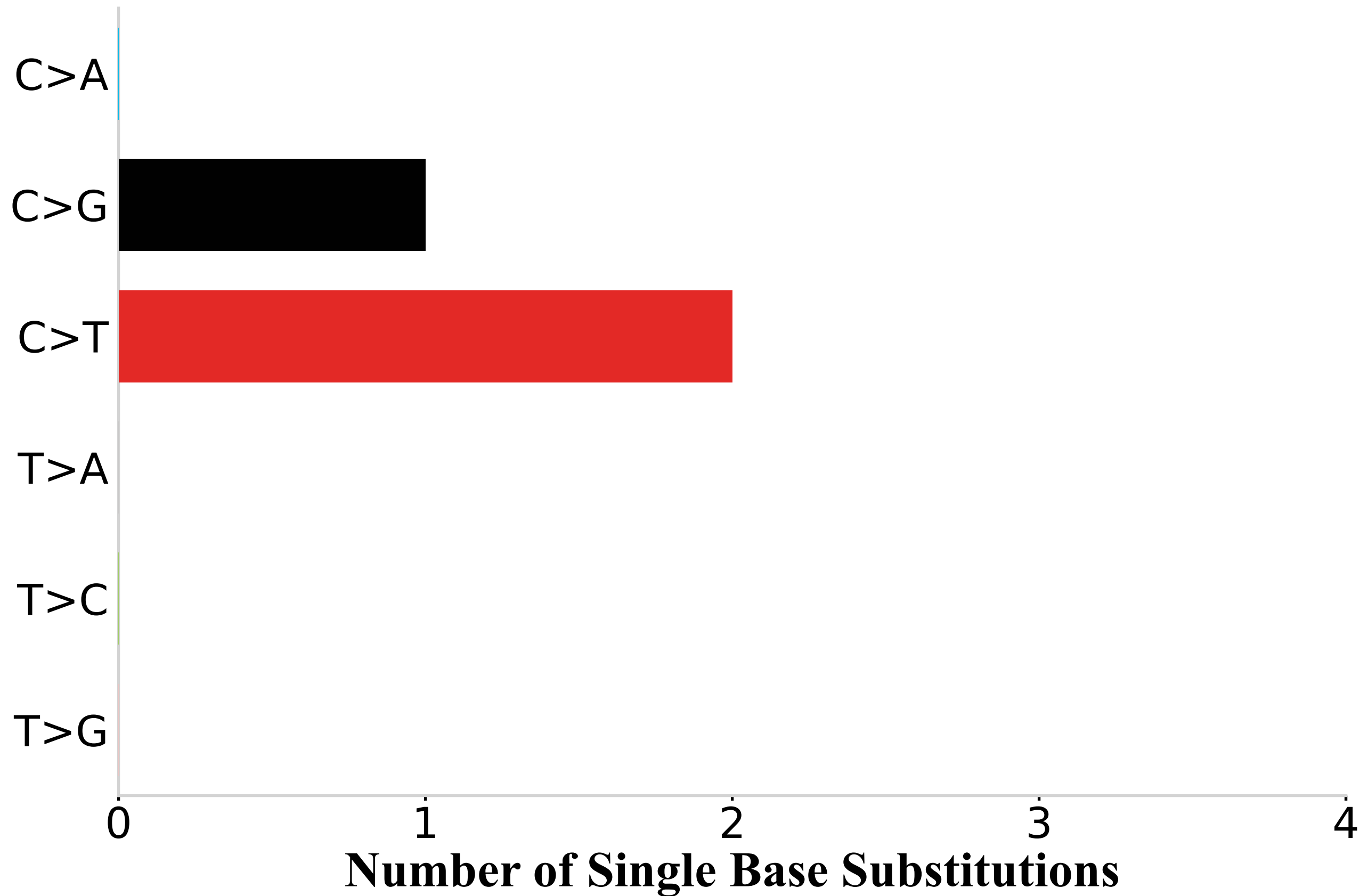
Number of Single Base Substitutions



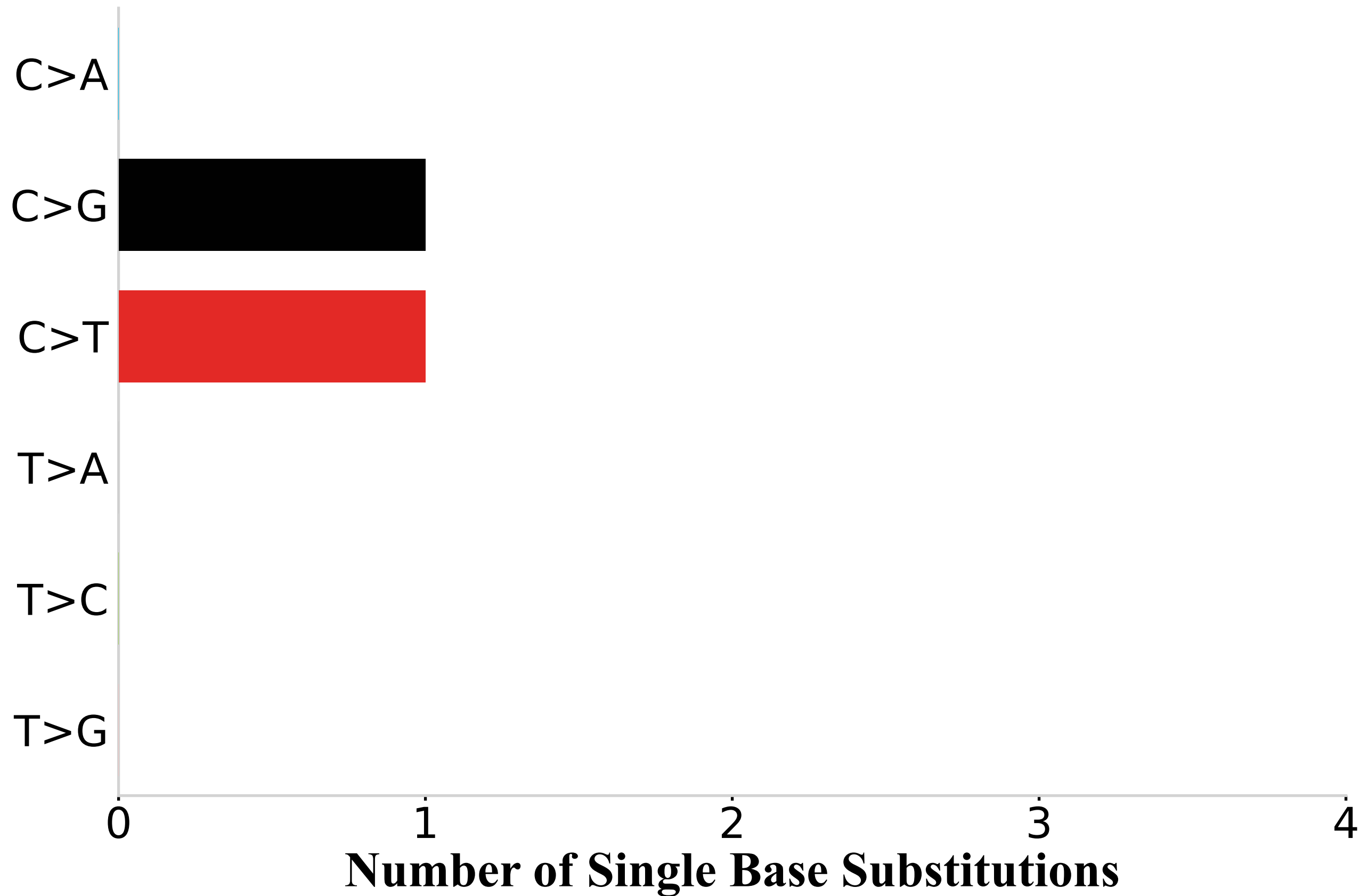
P-0017317-T01-IM6: 4 subs



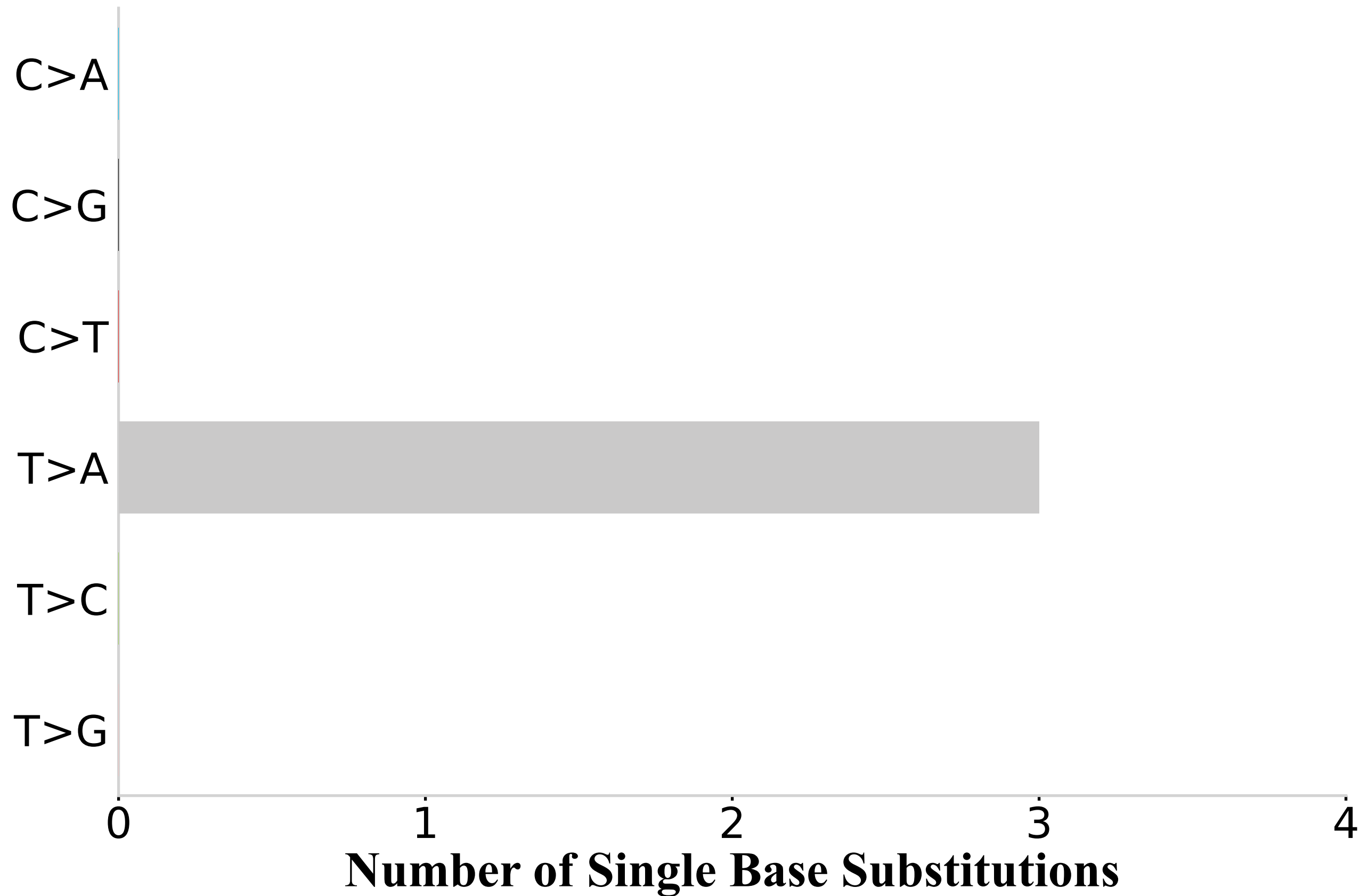
P-0017656-T01-IM5: 3 subs



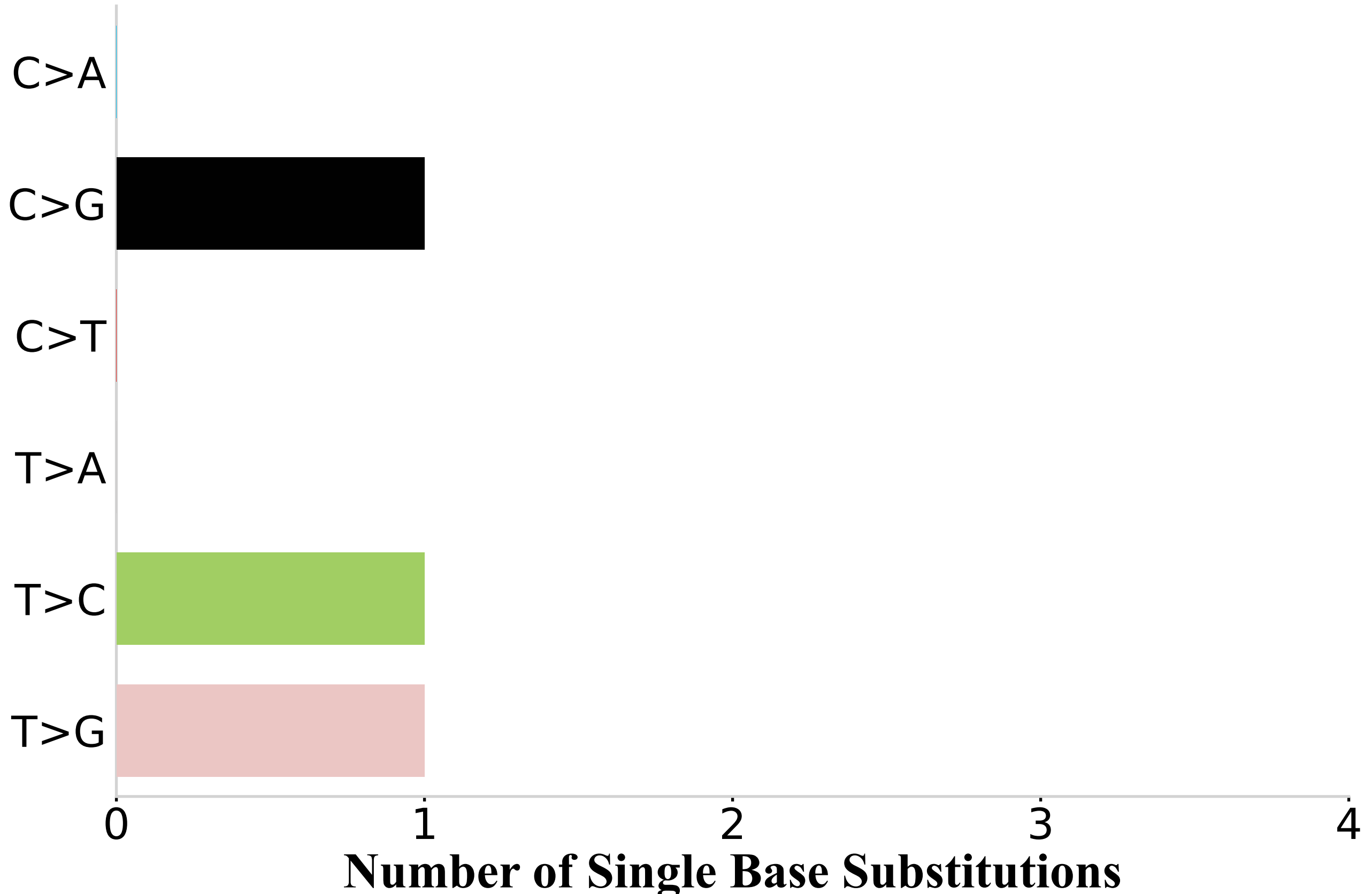
P-0017694-T01-IM6: 2 subs



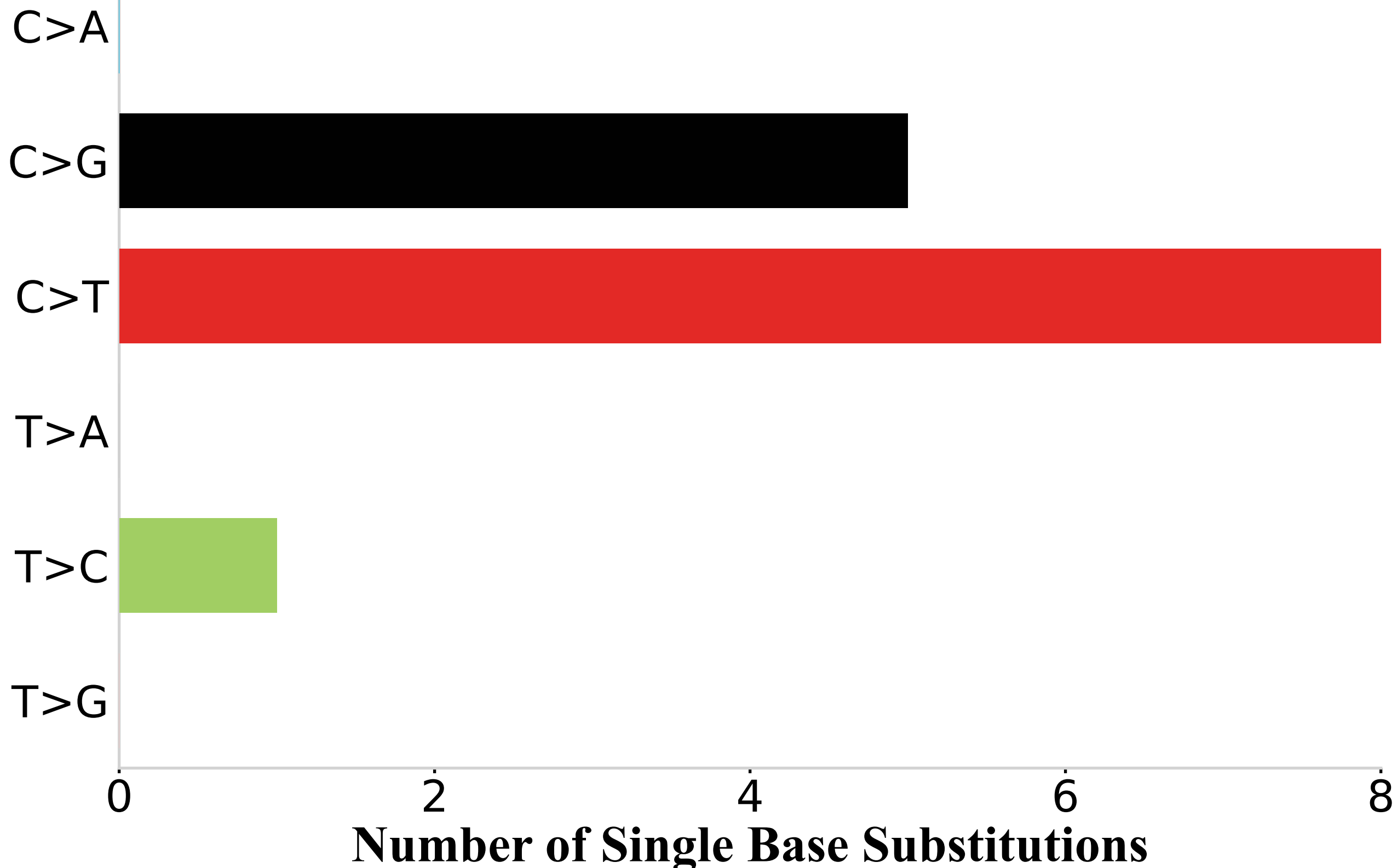
P-0017767-T01-IM6: 3 subs



P-0017824-T01-IM6: 3 subs



P-0017930-T01-IM6: 14 subs



P-0018048-T02-IM6: 0 subs

C>A

C>G

C>T

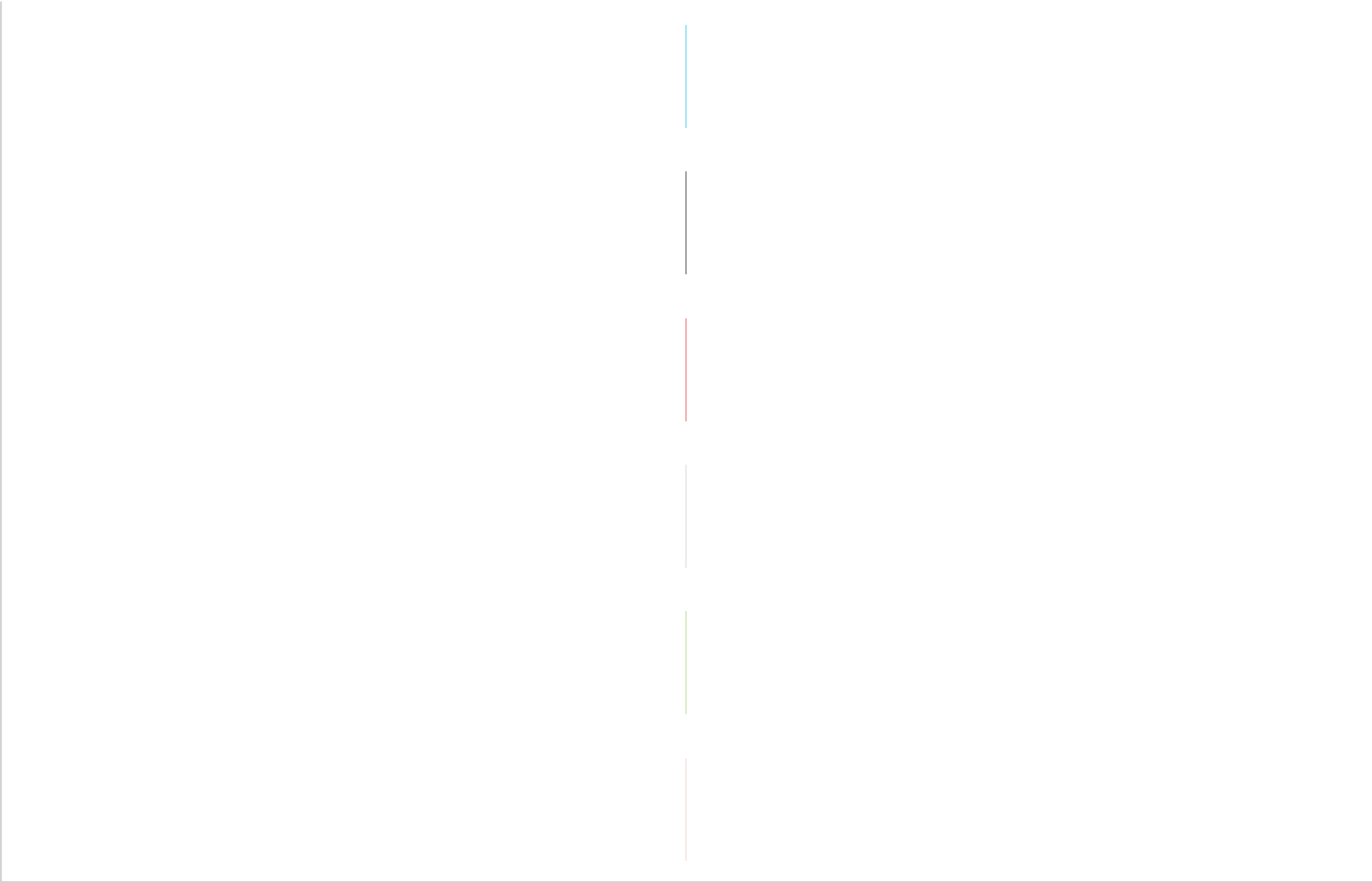
T>A

T>C

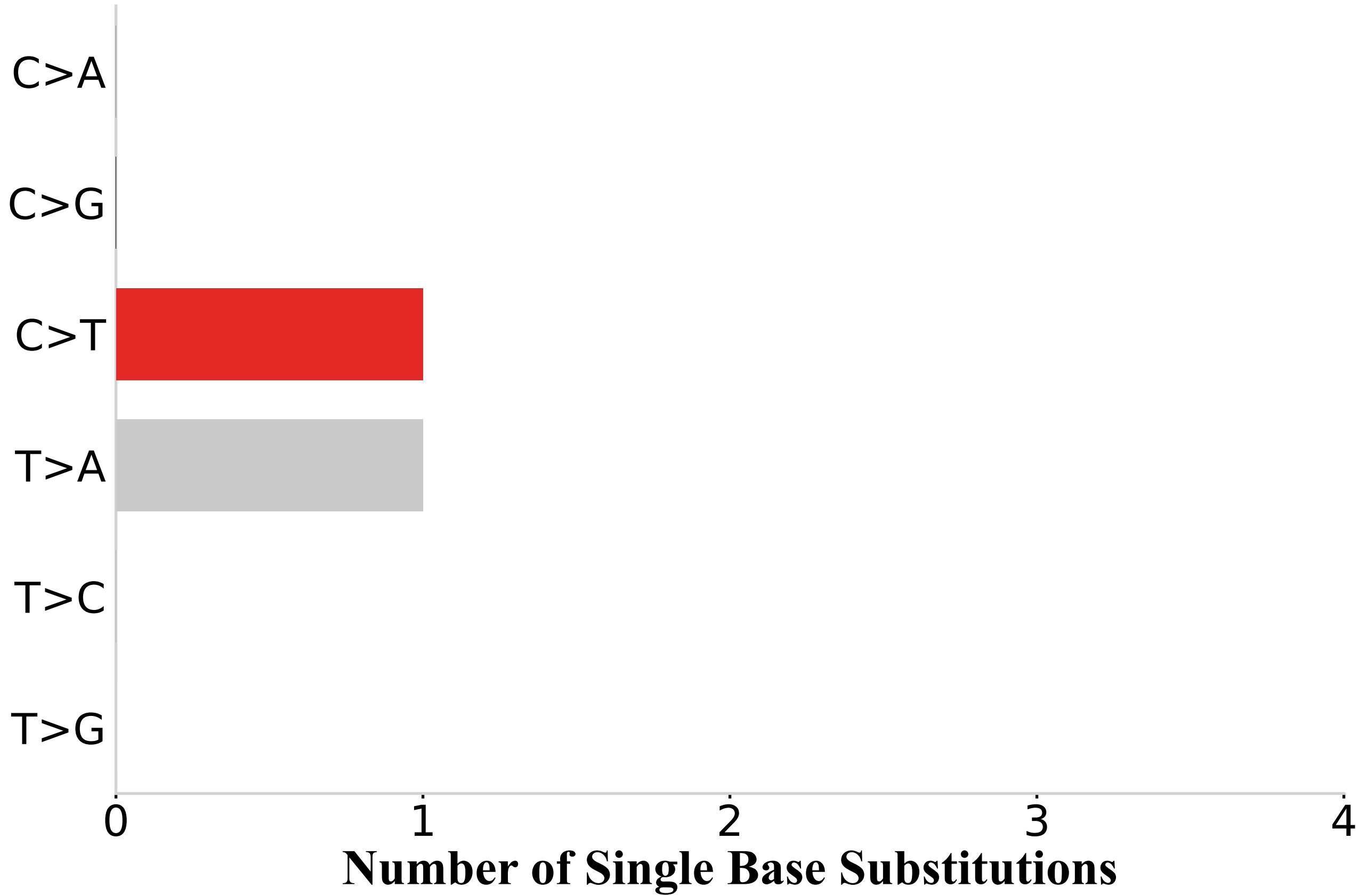
T>G

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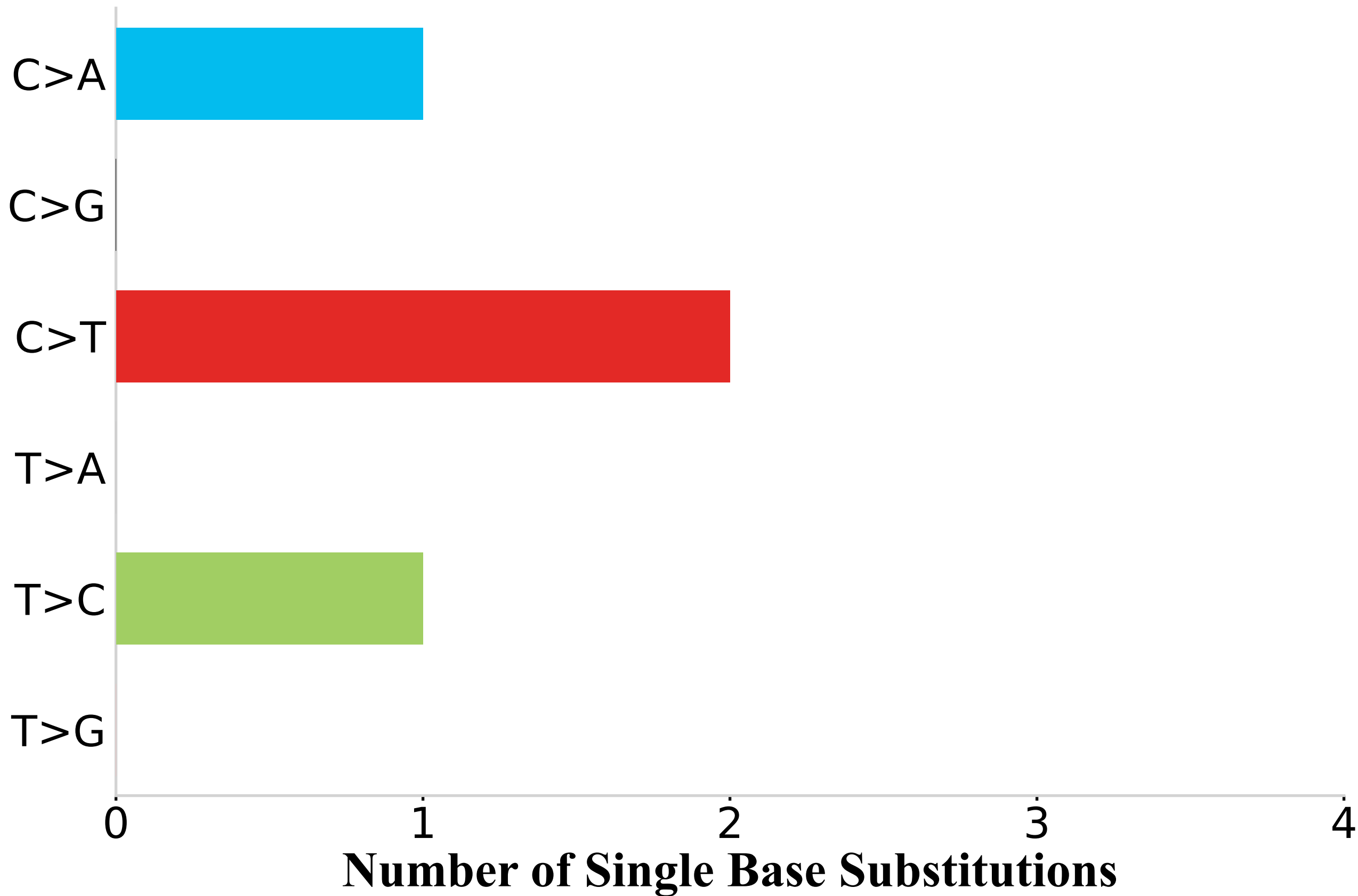
Number of Single Base Substitutions



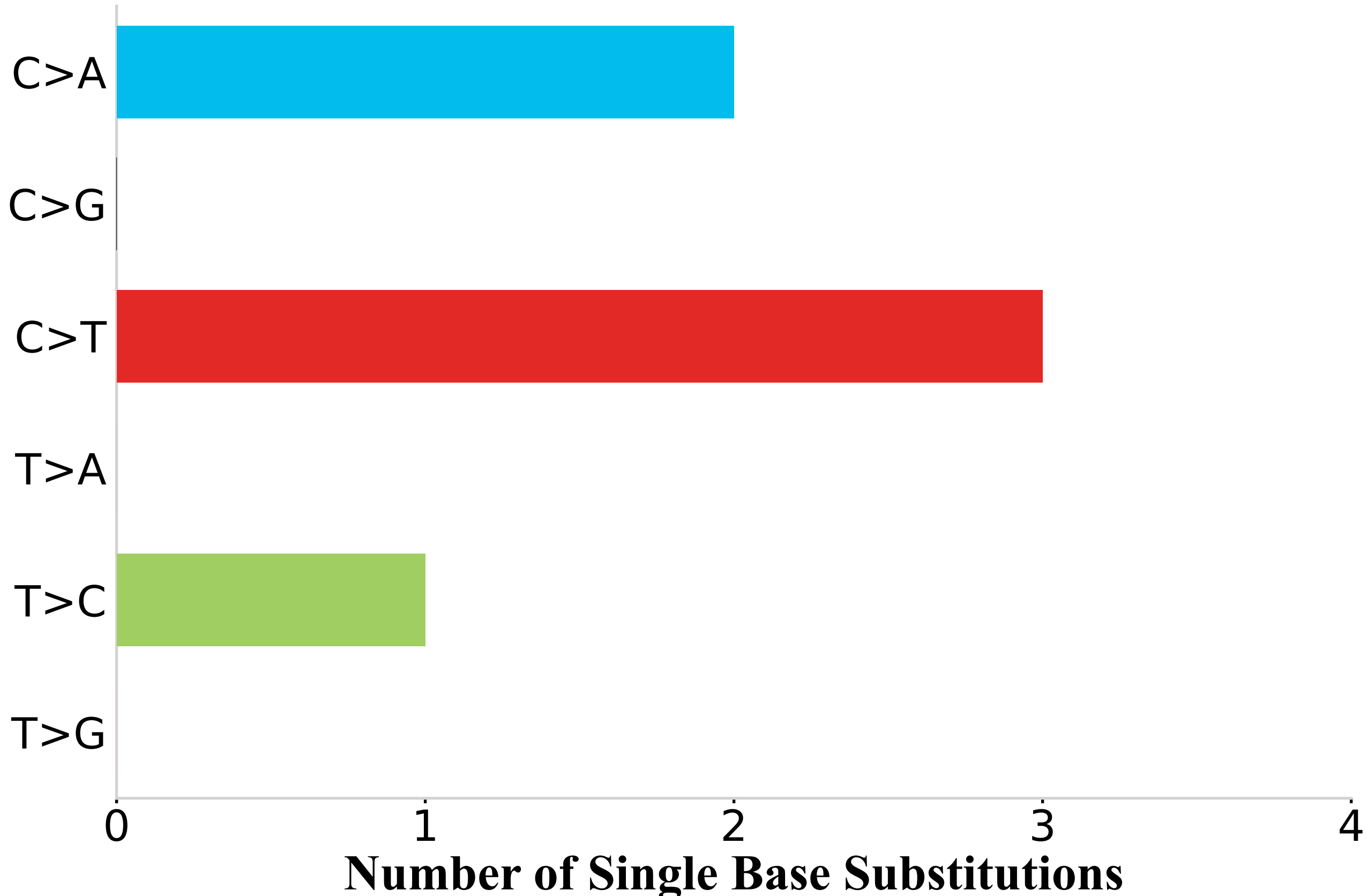
P-0018125-T01-IM6: 2 subs



P-0018394-T02-IM6: 4 subs



P-0018414-T01-IM6: 6 subs



P-0018522-T01-IM6: 1 subs



P-0018789-T01-IM6: 0 subs

C>A

C>G

C>T

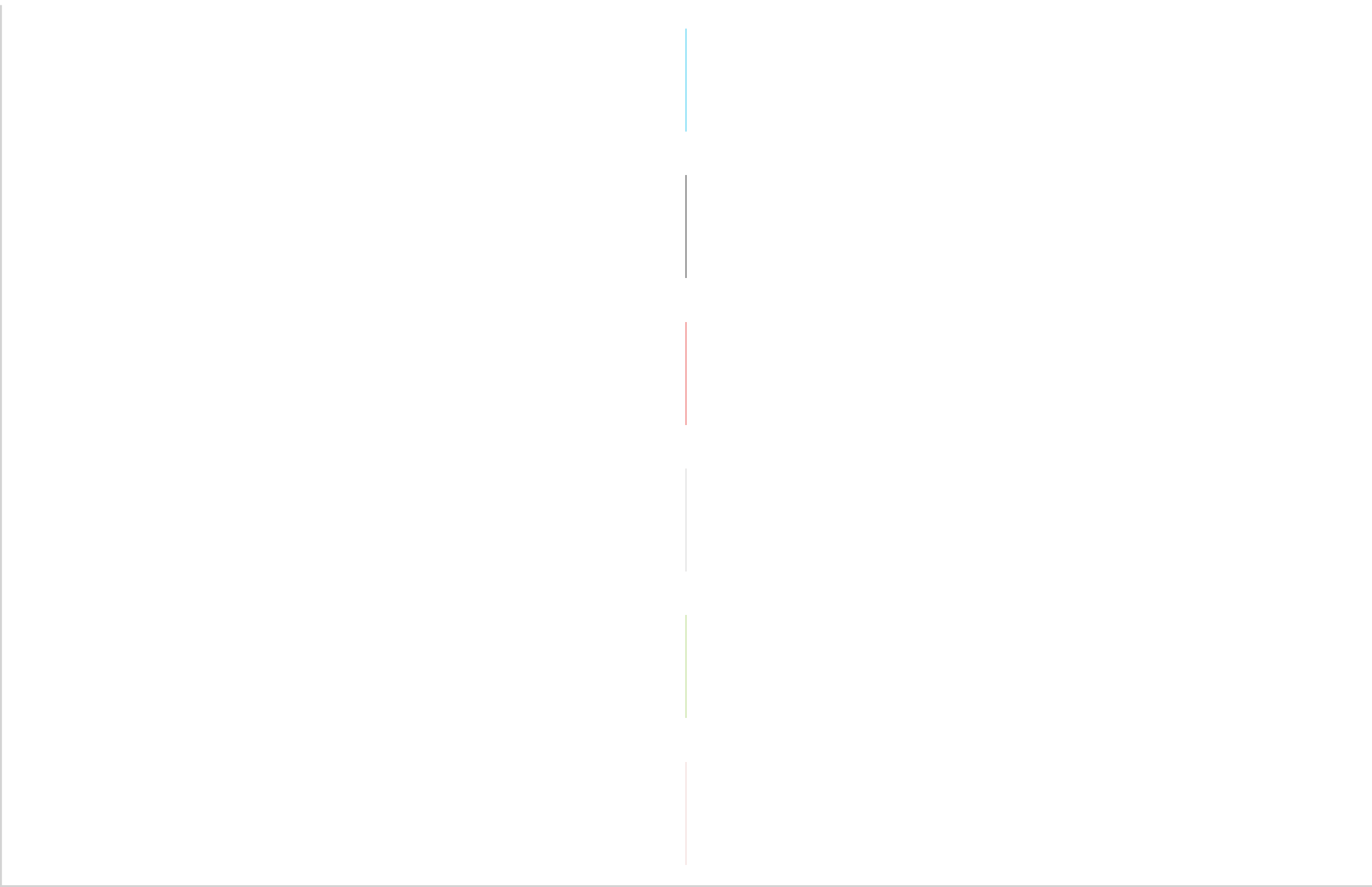
T>A

T>C

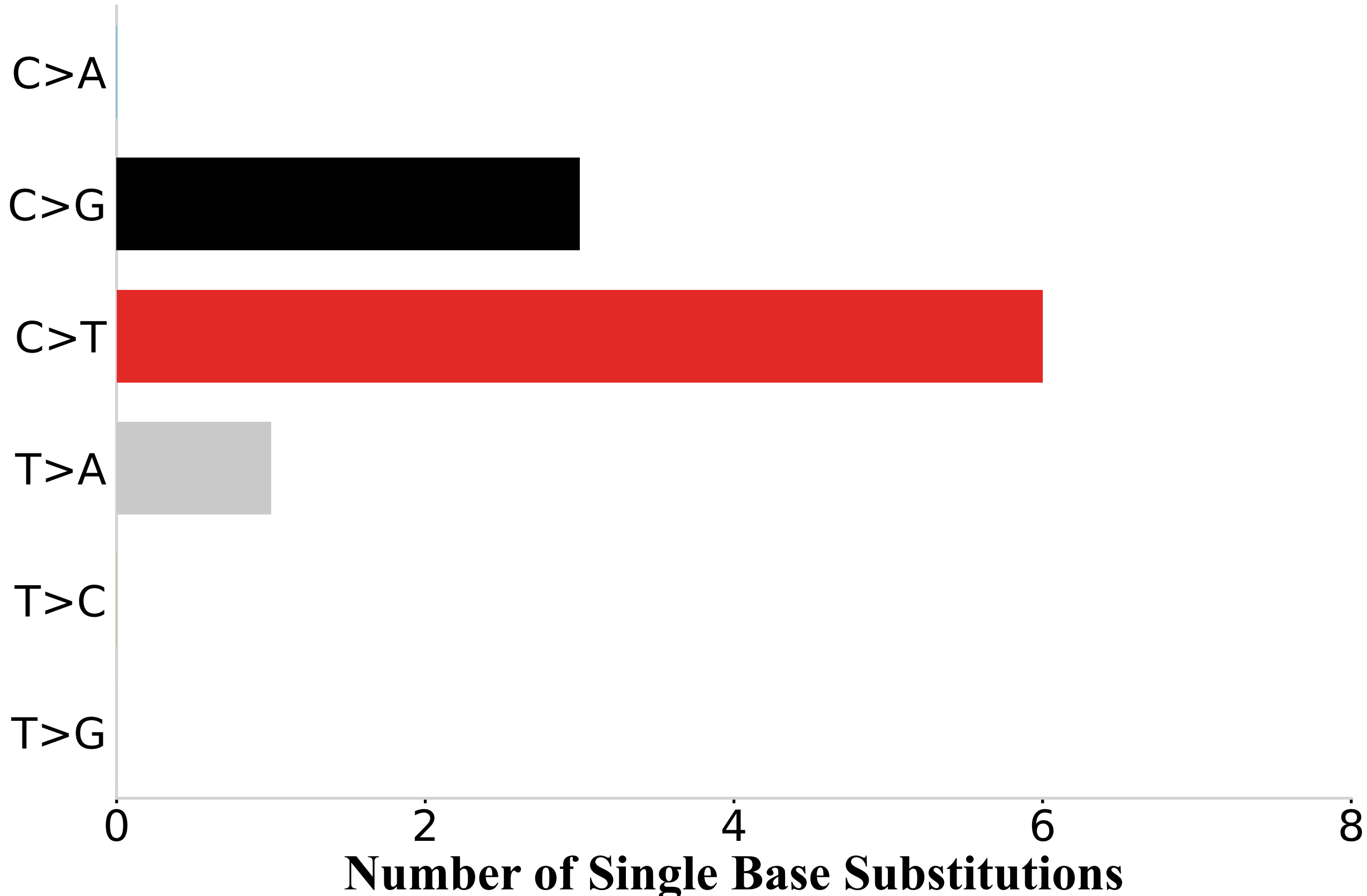
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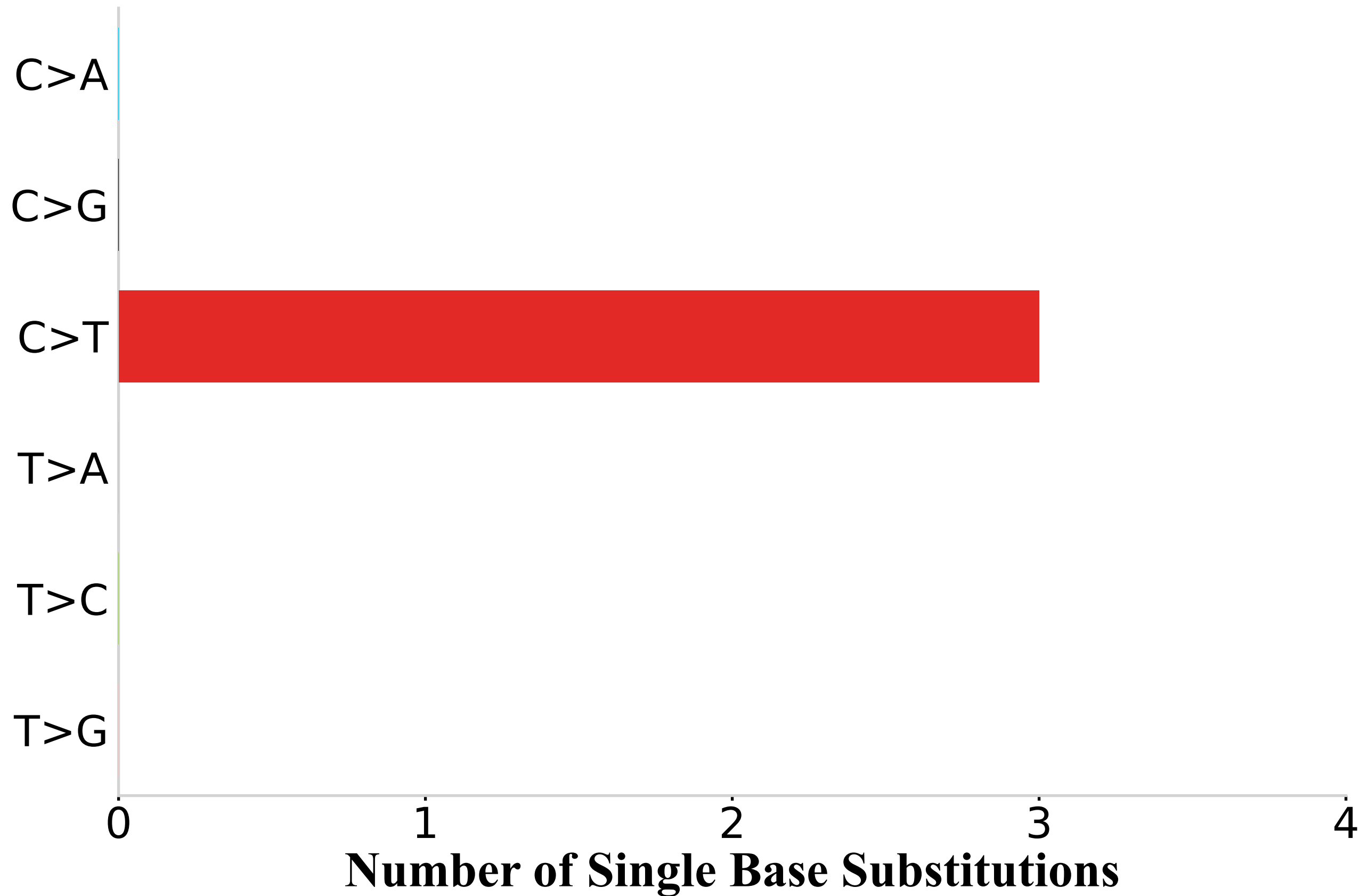
Number of Single Base Substitutions



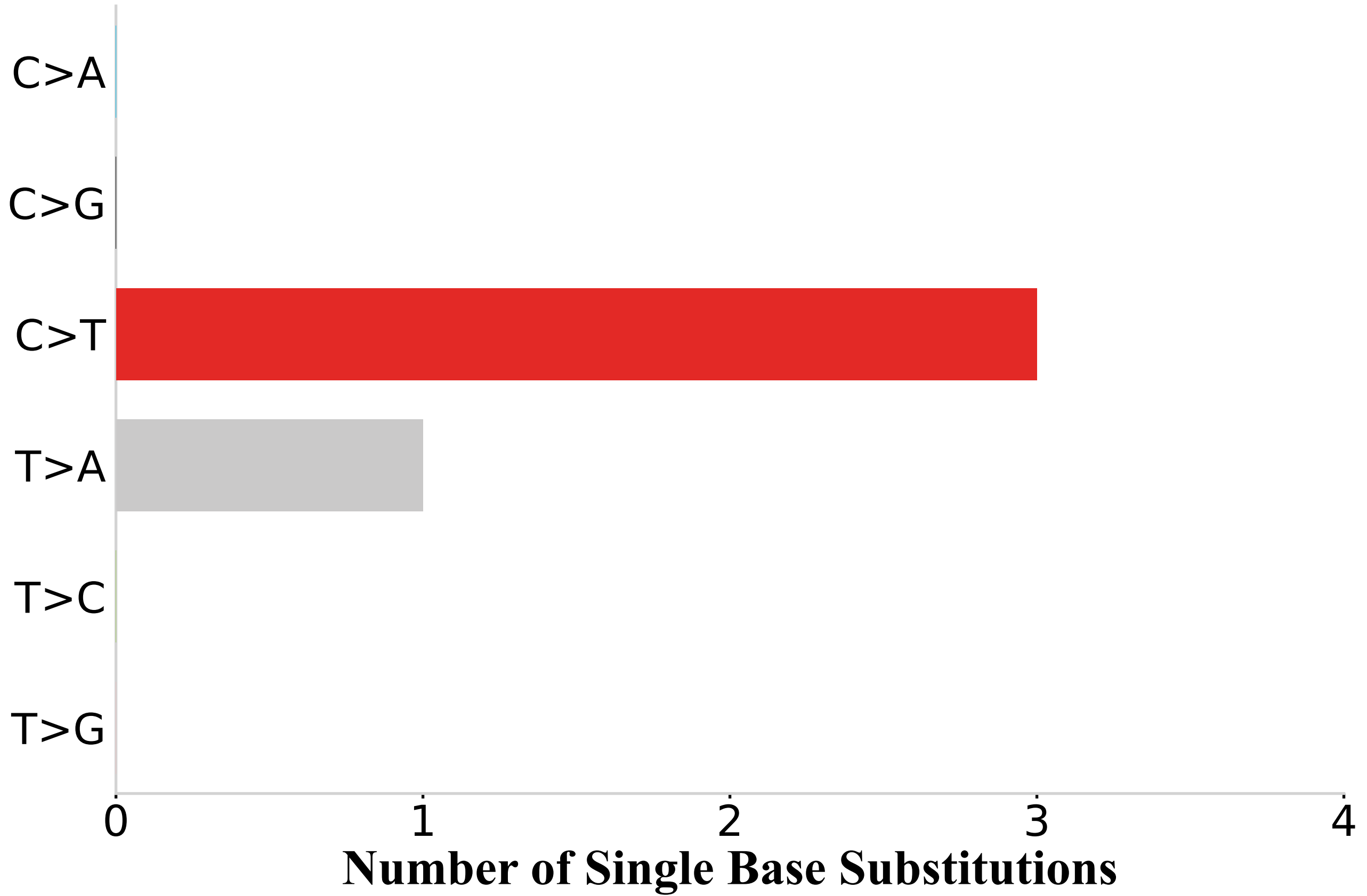
P-0018893-T01-IM6: 10 subs



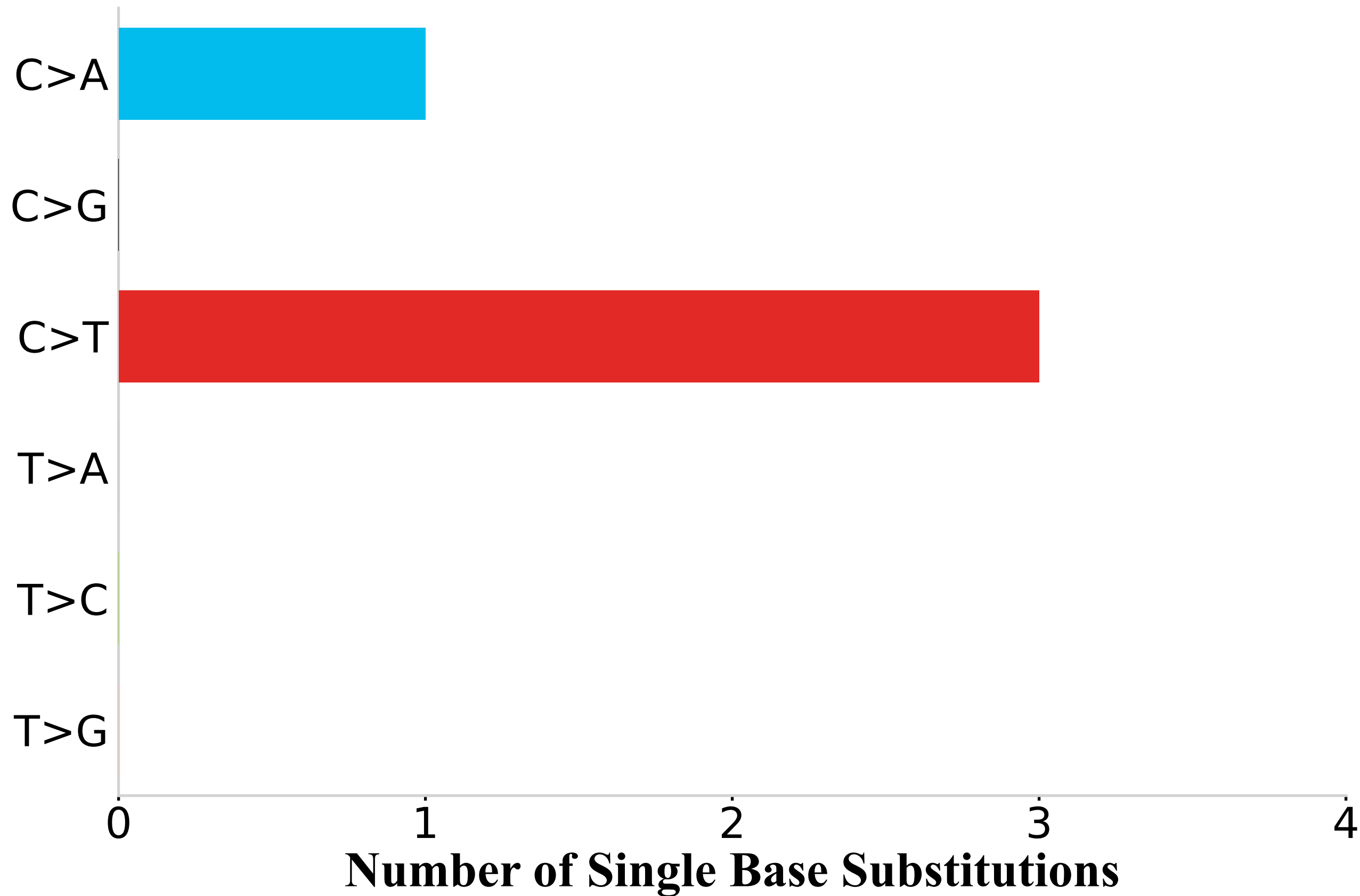
P-0019054-T01-IM6: 3 subs



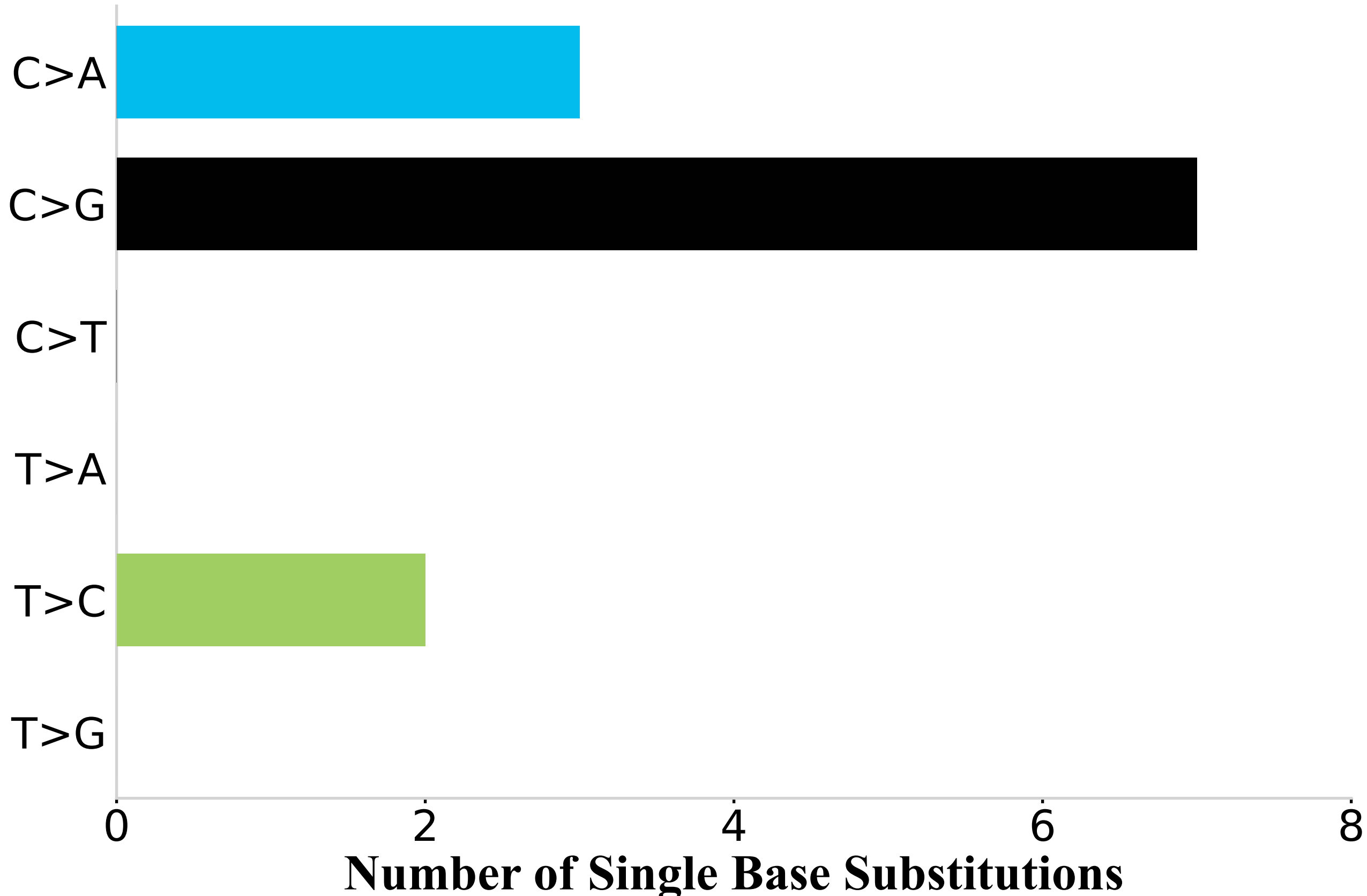
P-0019116-T01-IM6: 4 subs



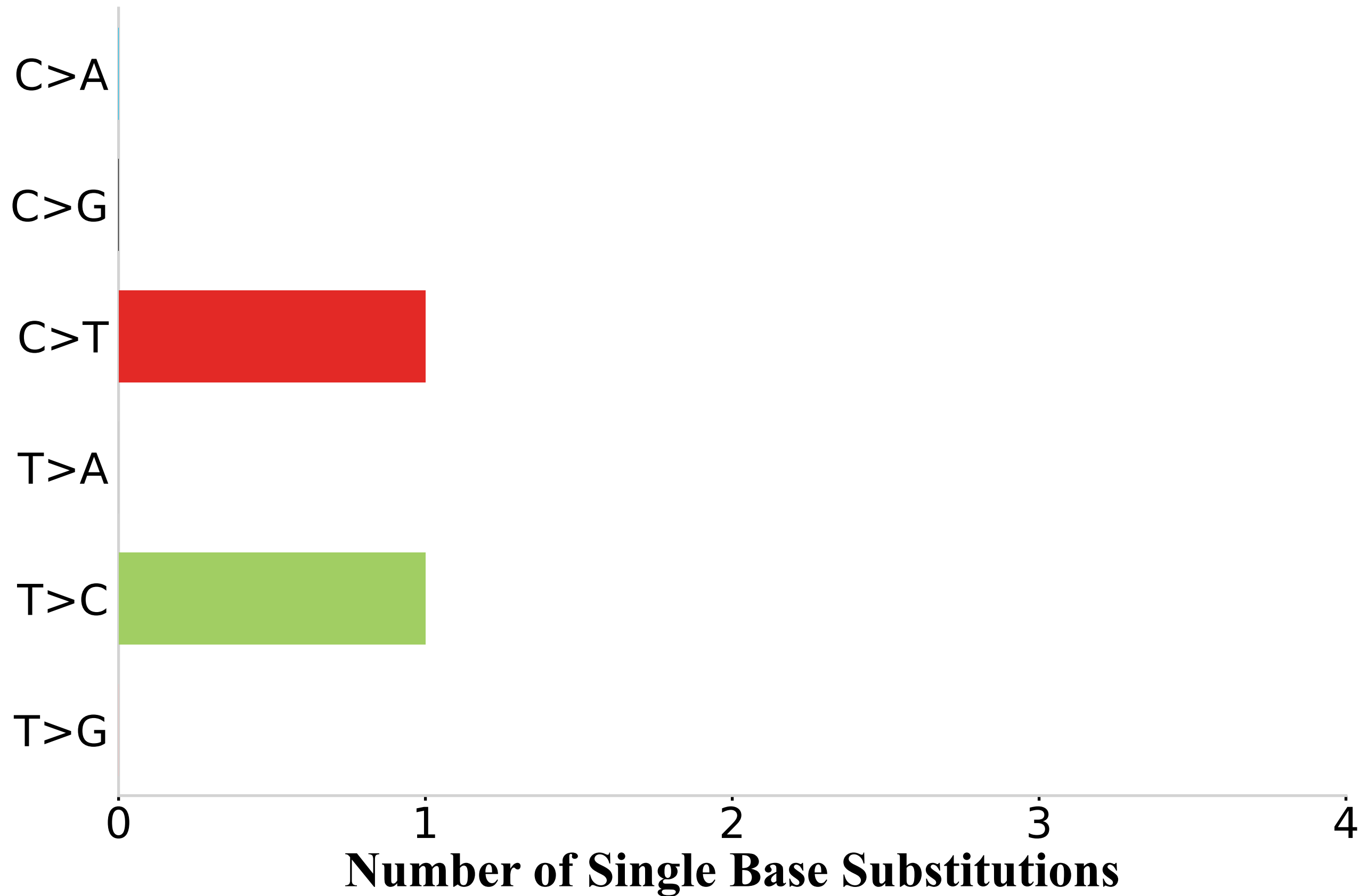
P-0019124-T01-IM6: 4 subs



P-0019133-T01-IM6: 12 subs



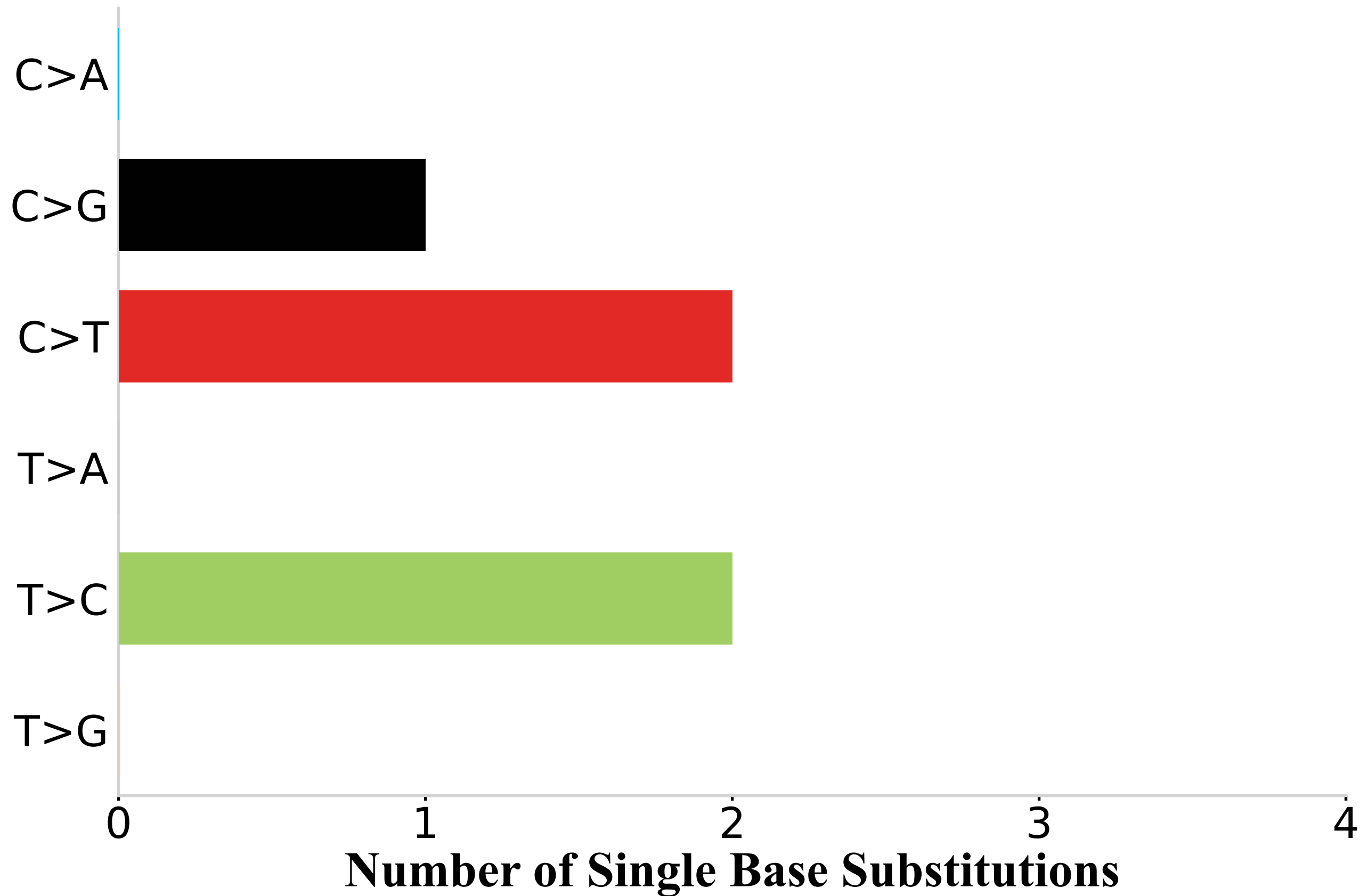
P-0019167-T01-IM6: 2 subs



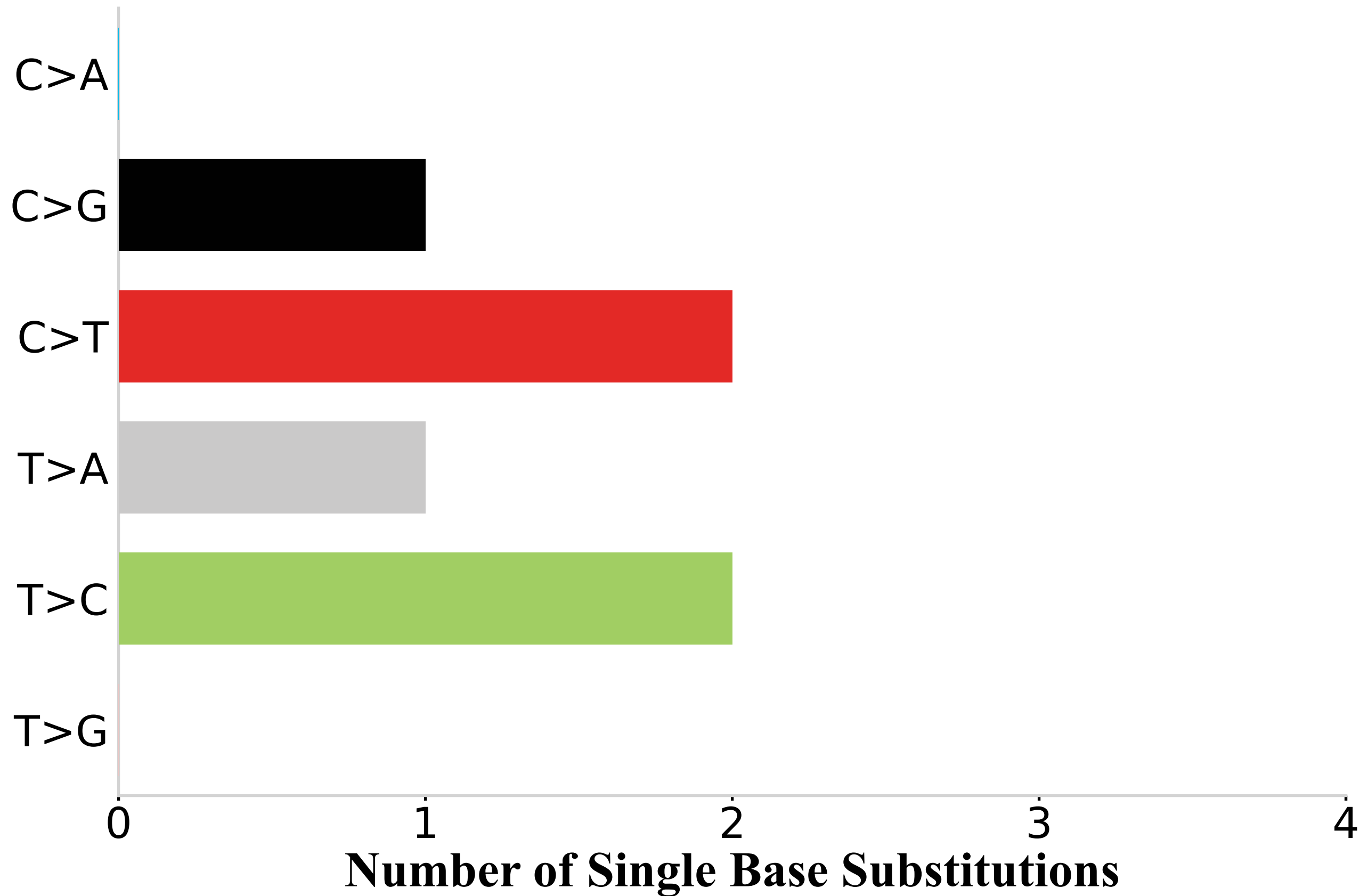
P-0019188-T01-IM6: 1 subs



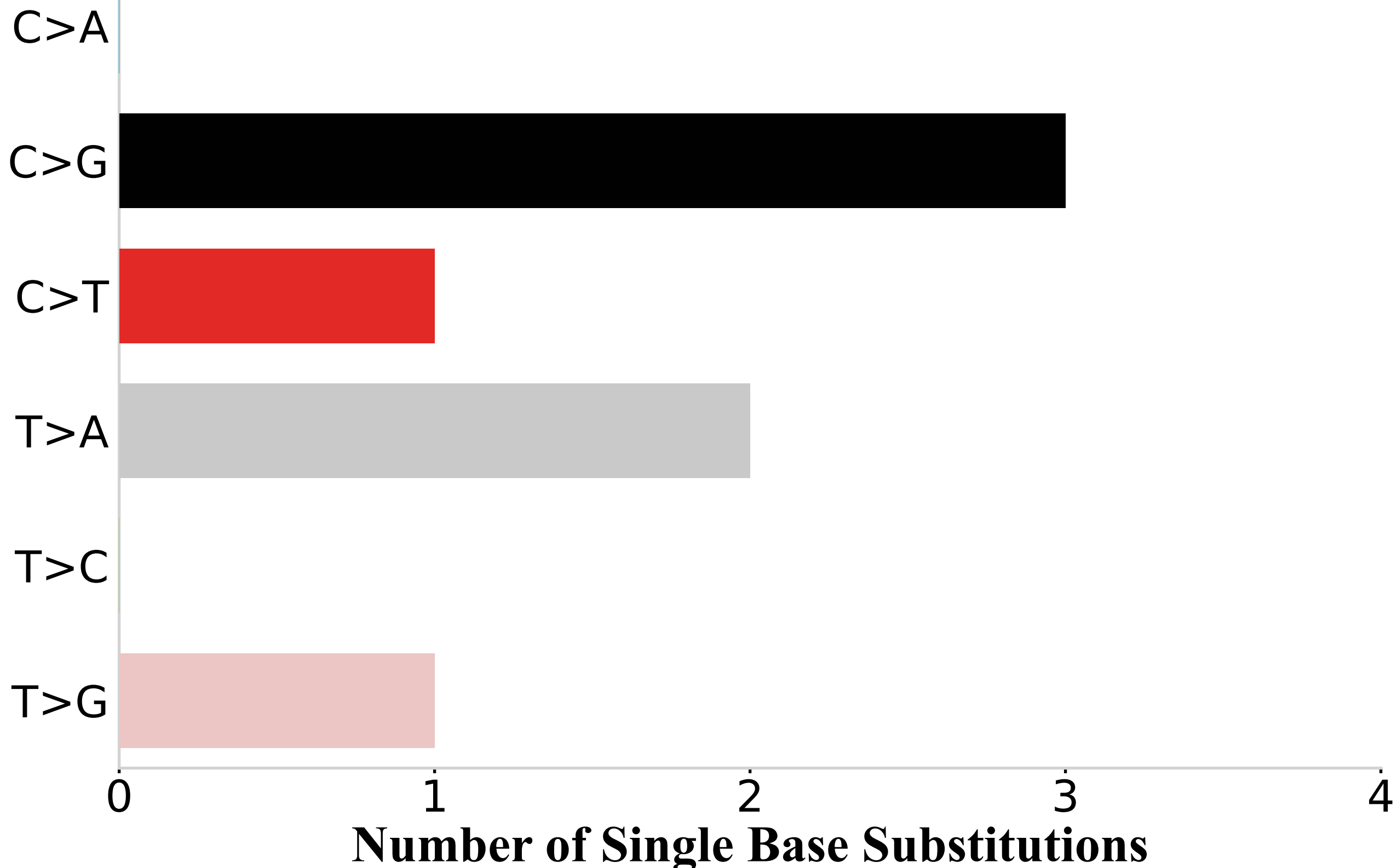
P-0019191-T01-IM6: 5 subs



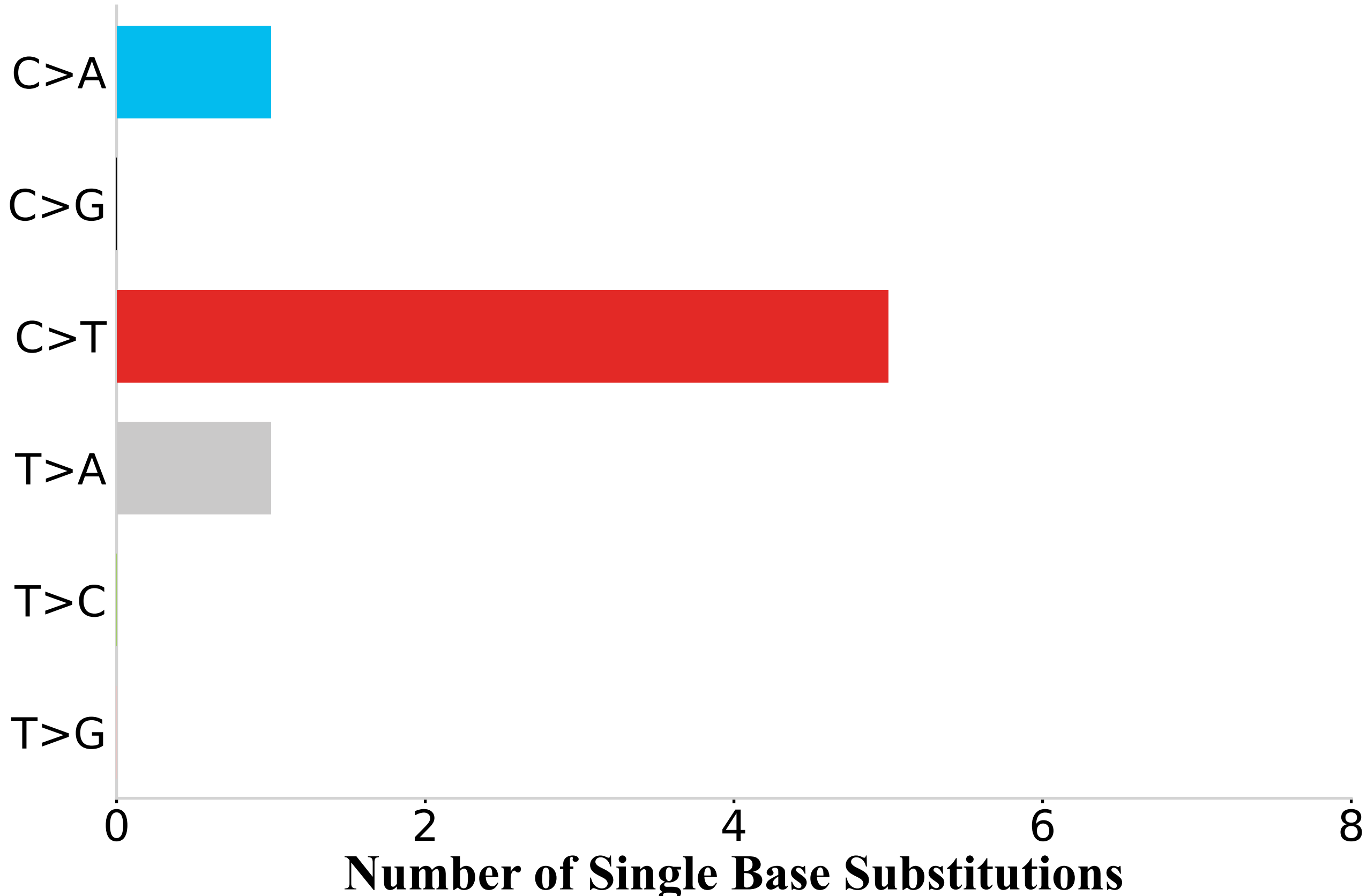
P-0019295-T01-IM6: 6 subs



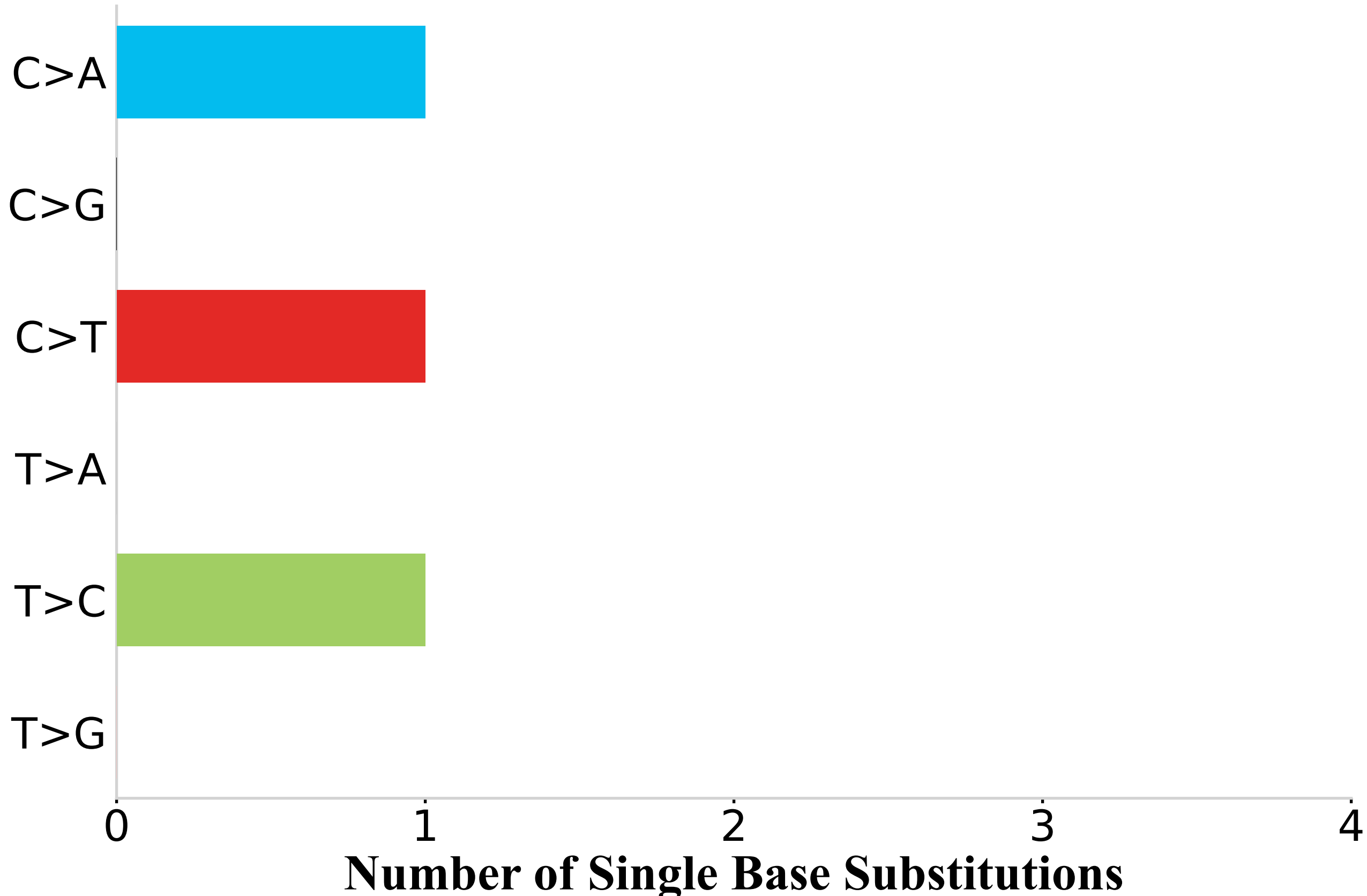
P-0019636-T01-IM6: 7 subs



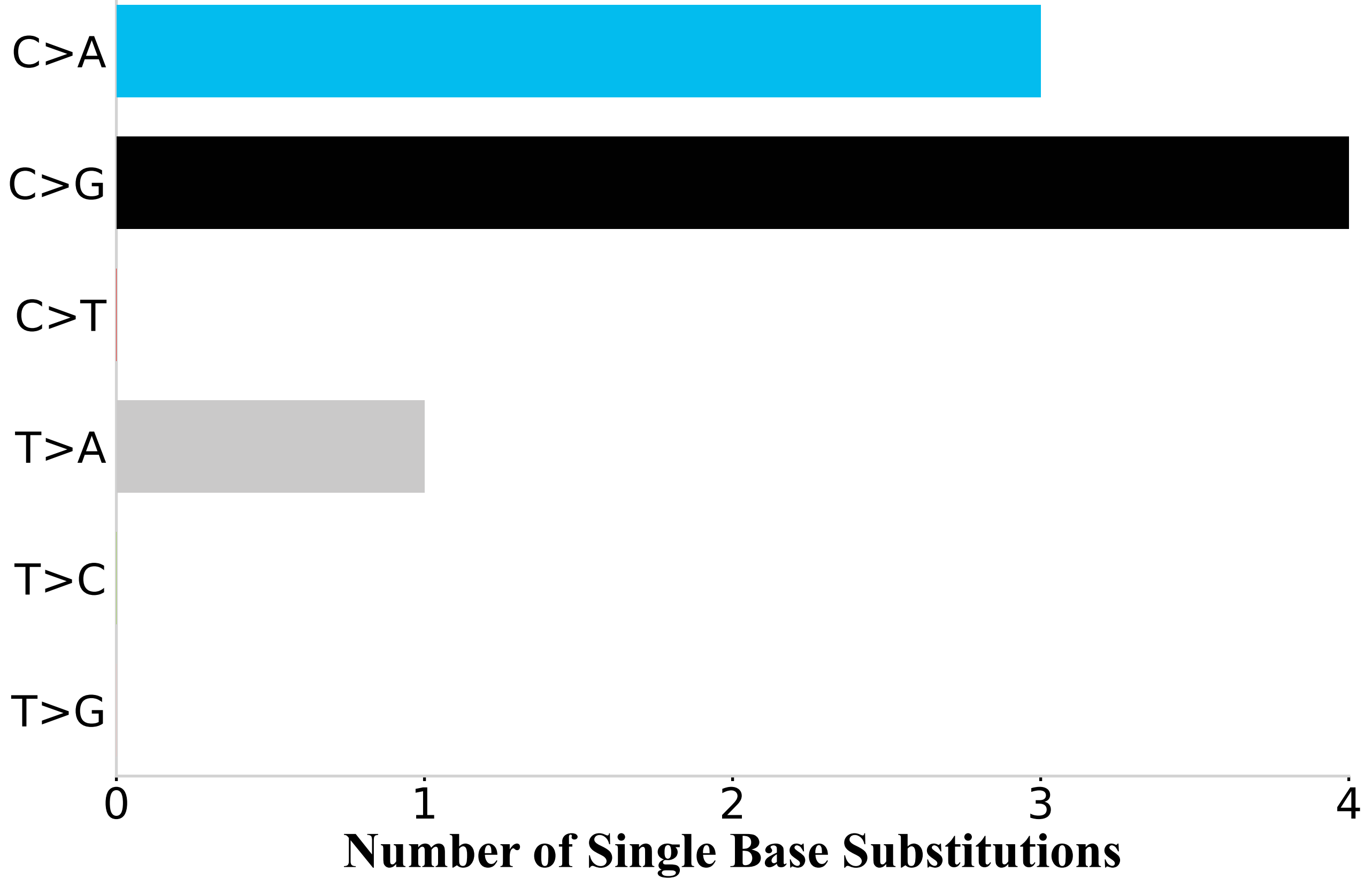
P-0019758-T01-IM6: 7 subs



P-0019798-T01-IM6: 3 subs



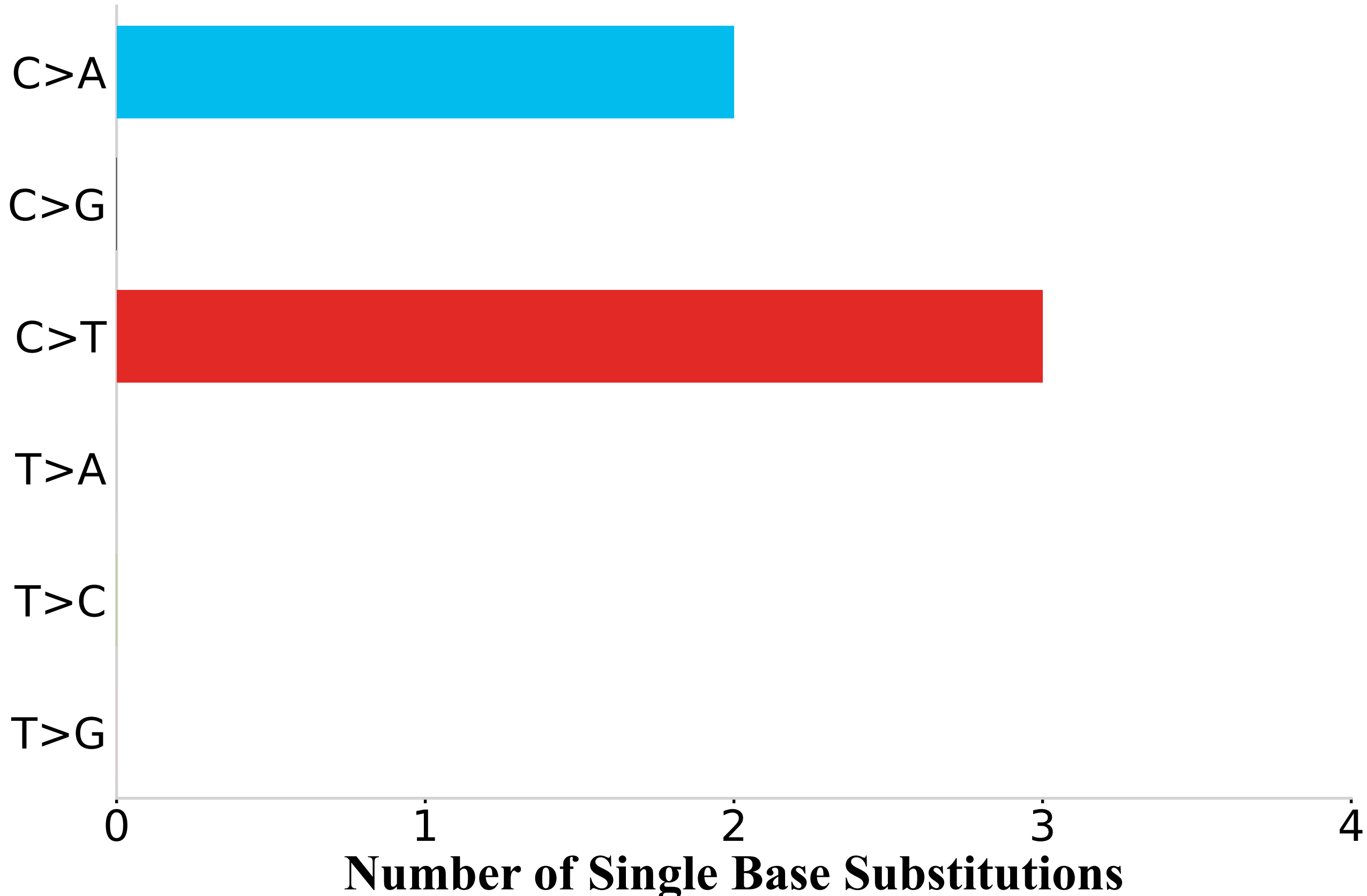
P-0019864-T01-IM6: 8 subs



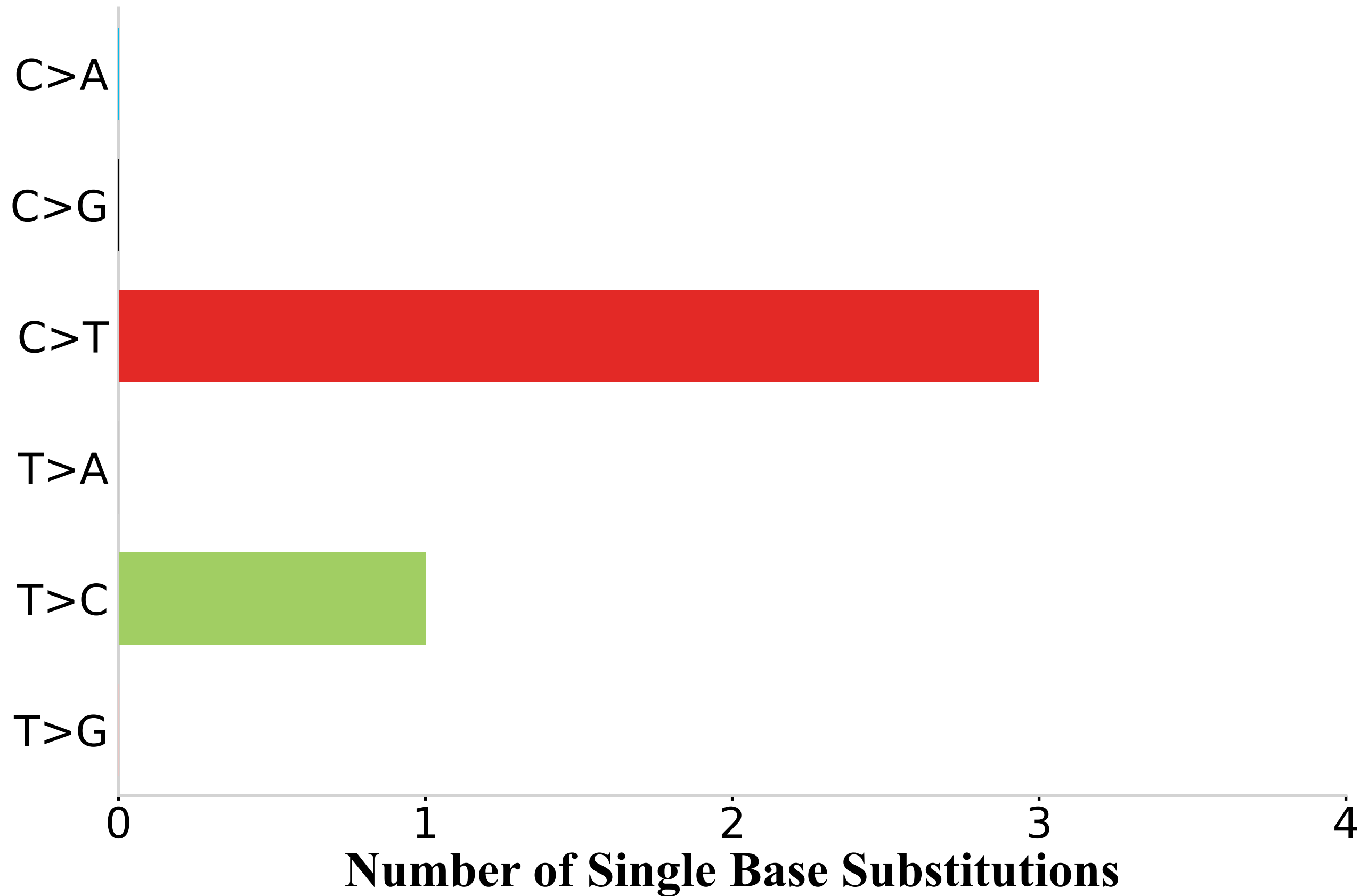
P-0019907-T01-IM6: 1 subs



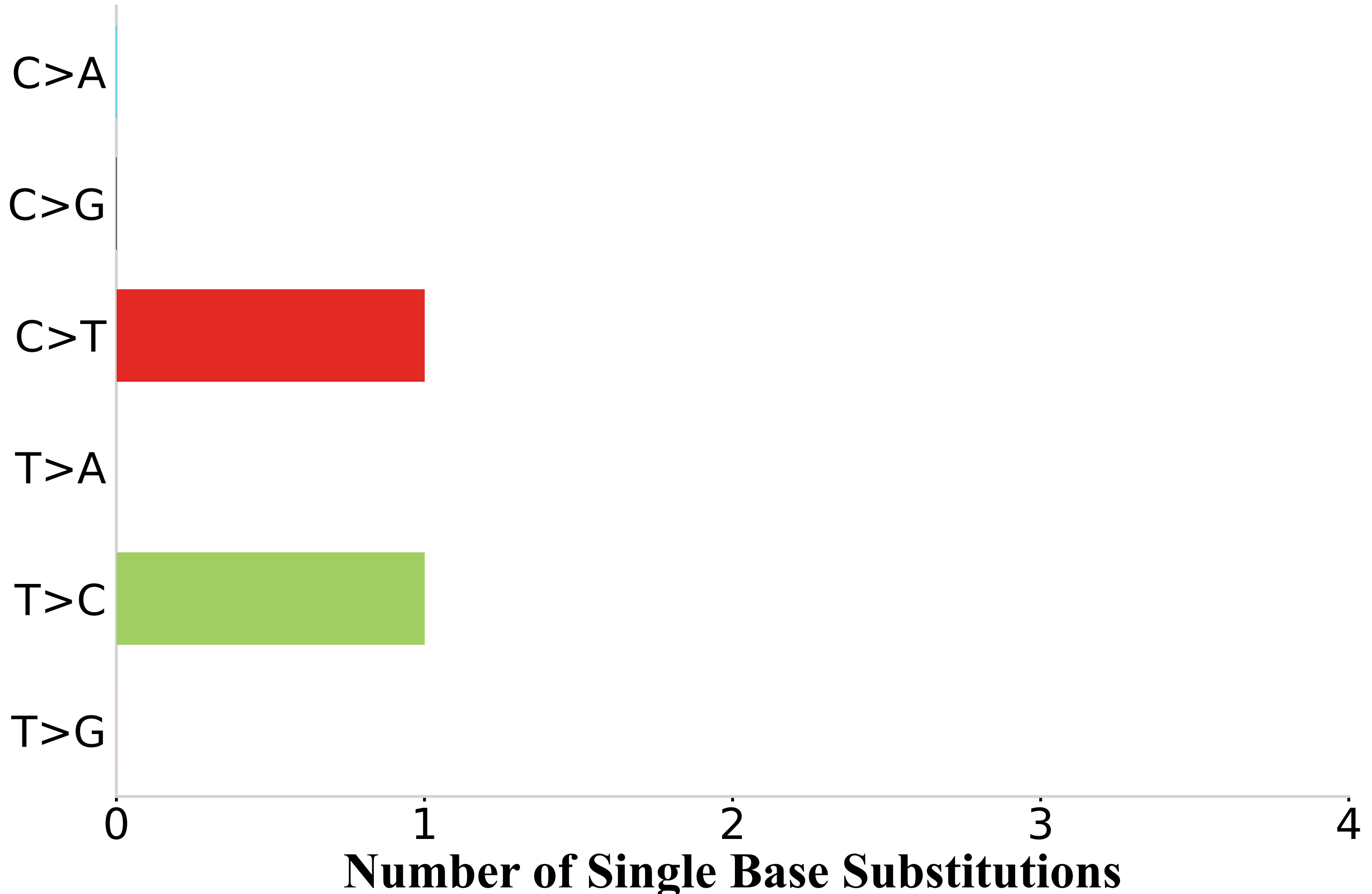
P-0020030-T01-IM6: 5 subs



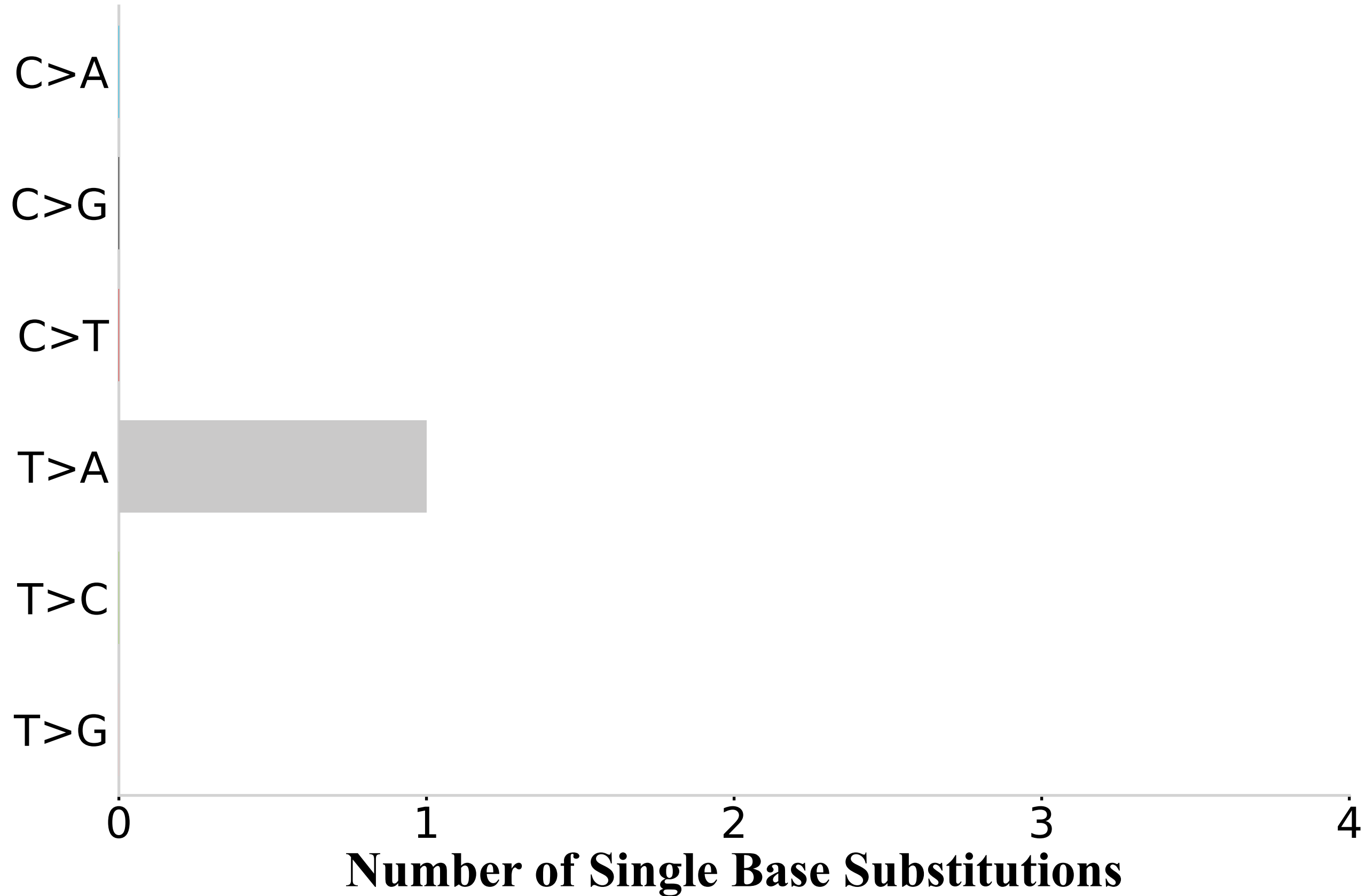
P-0020049-T01-IM6: 4 subs



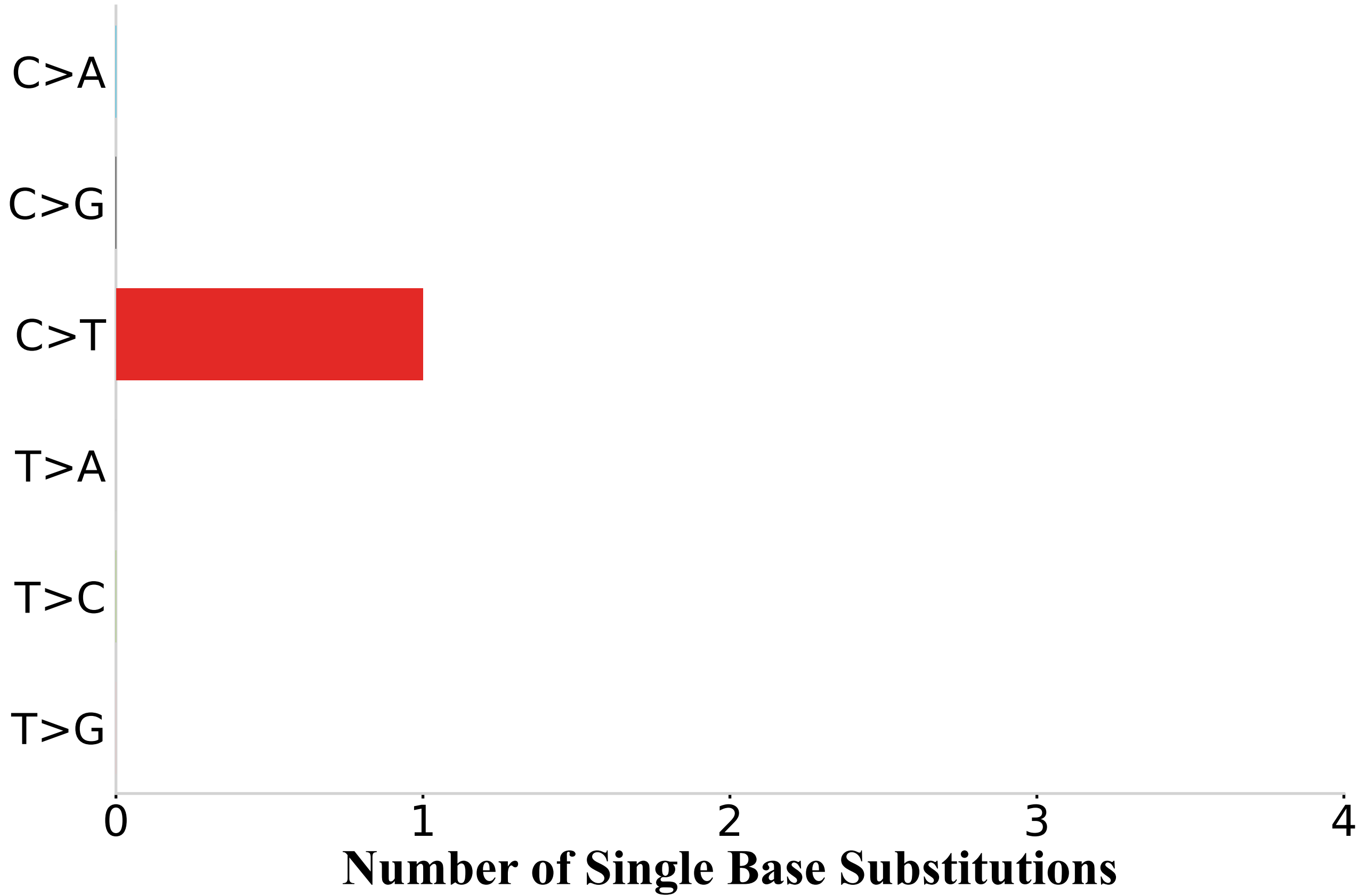
P-0020051-T01-IM6: 2 subs



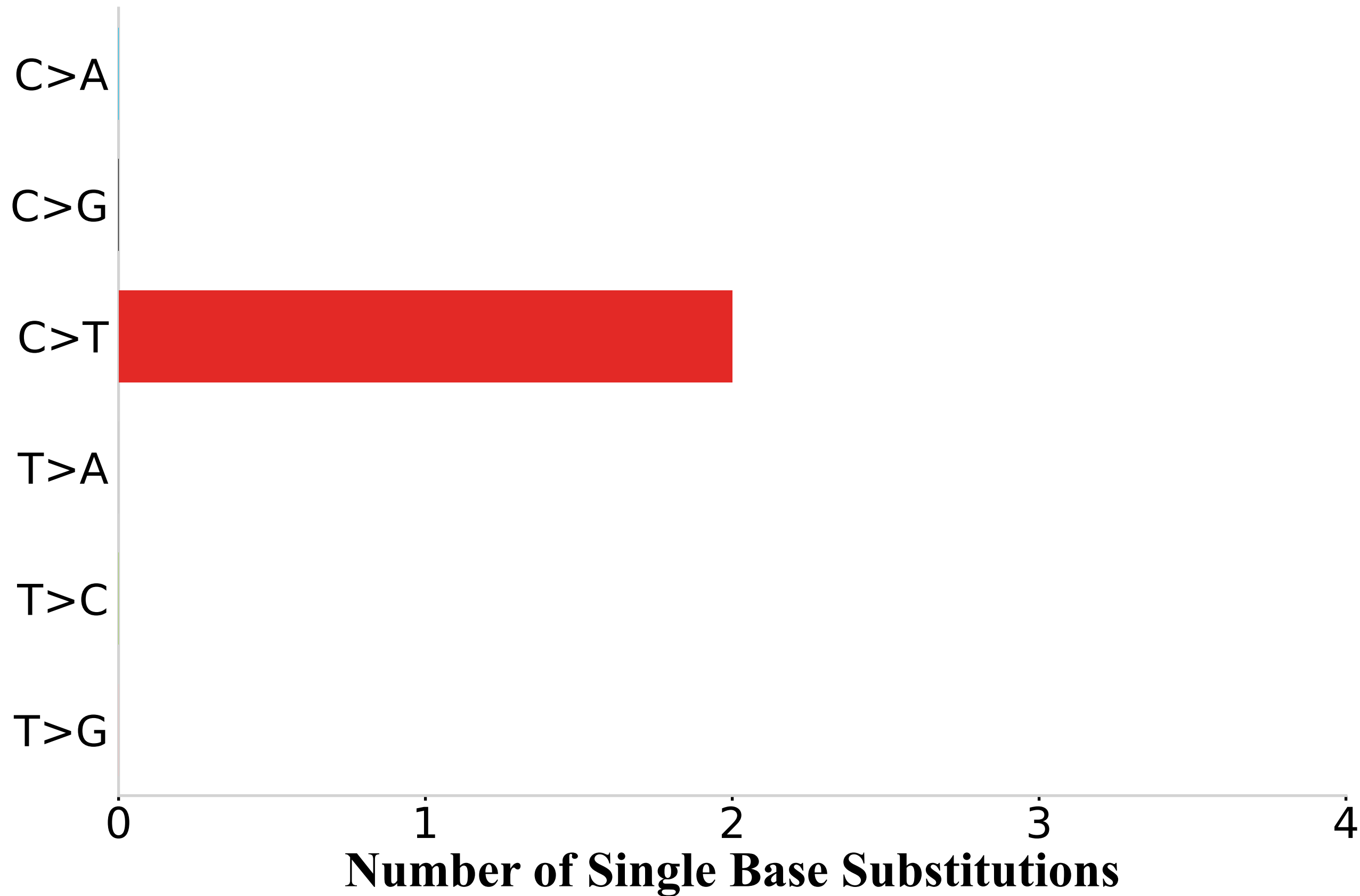
P-0020090-T01-IM6: 1 subs



P-0020106-T01-IM6: 1 subs



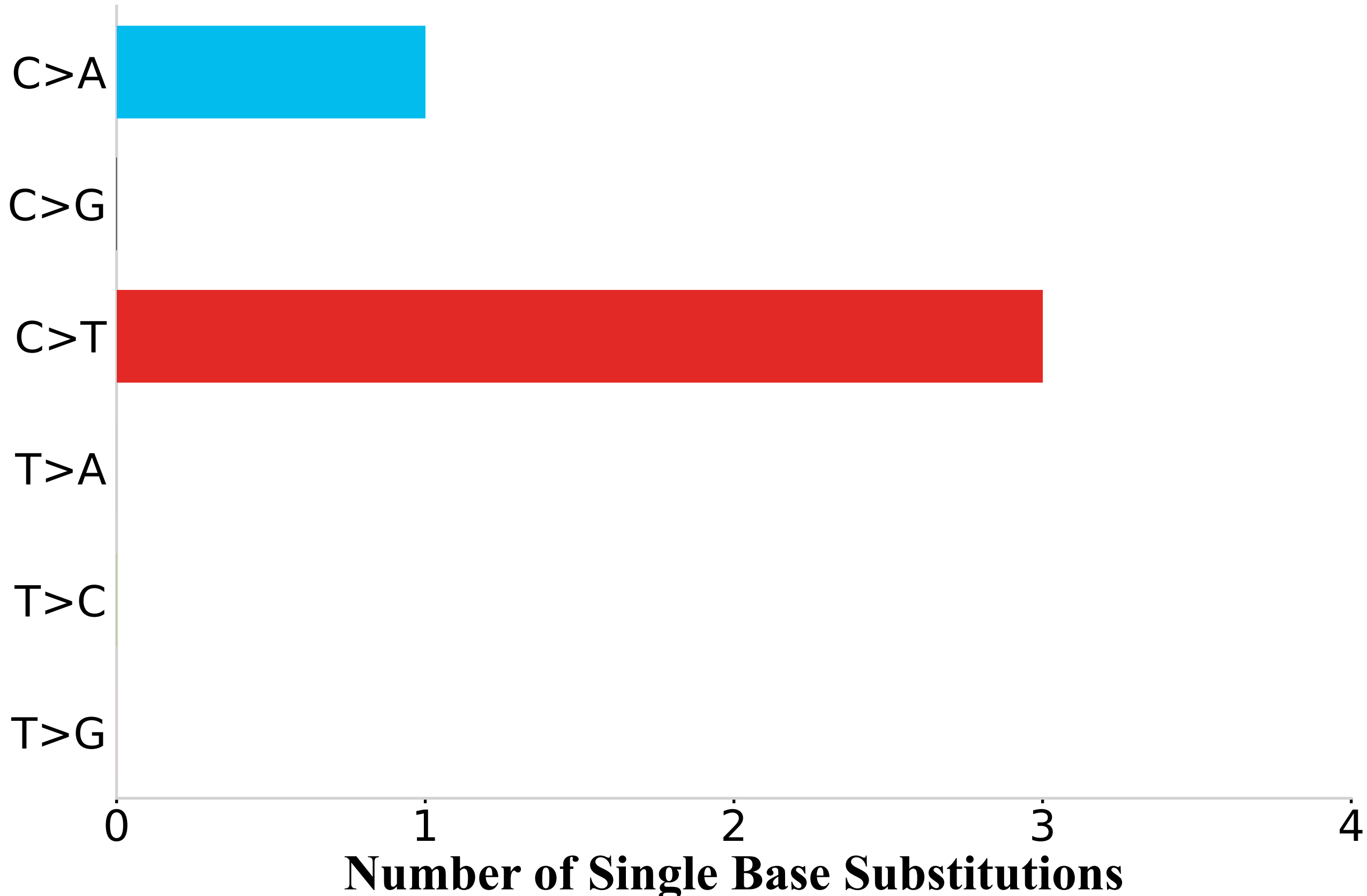
P-0020187-T01-IM6: 2 subs



P-0020188-T01-IM6: 2 subs



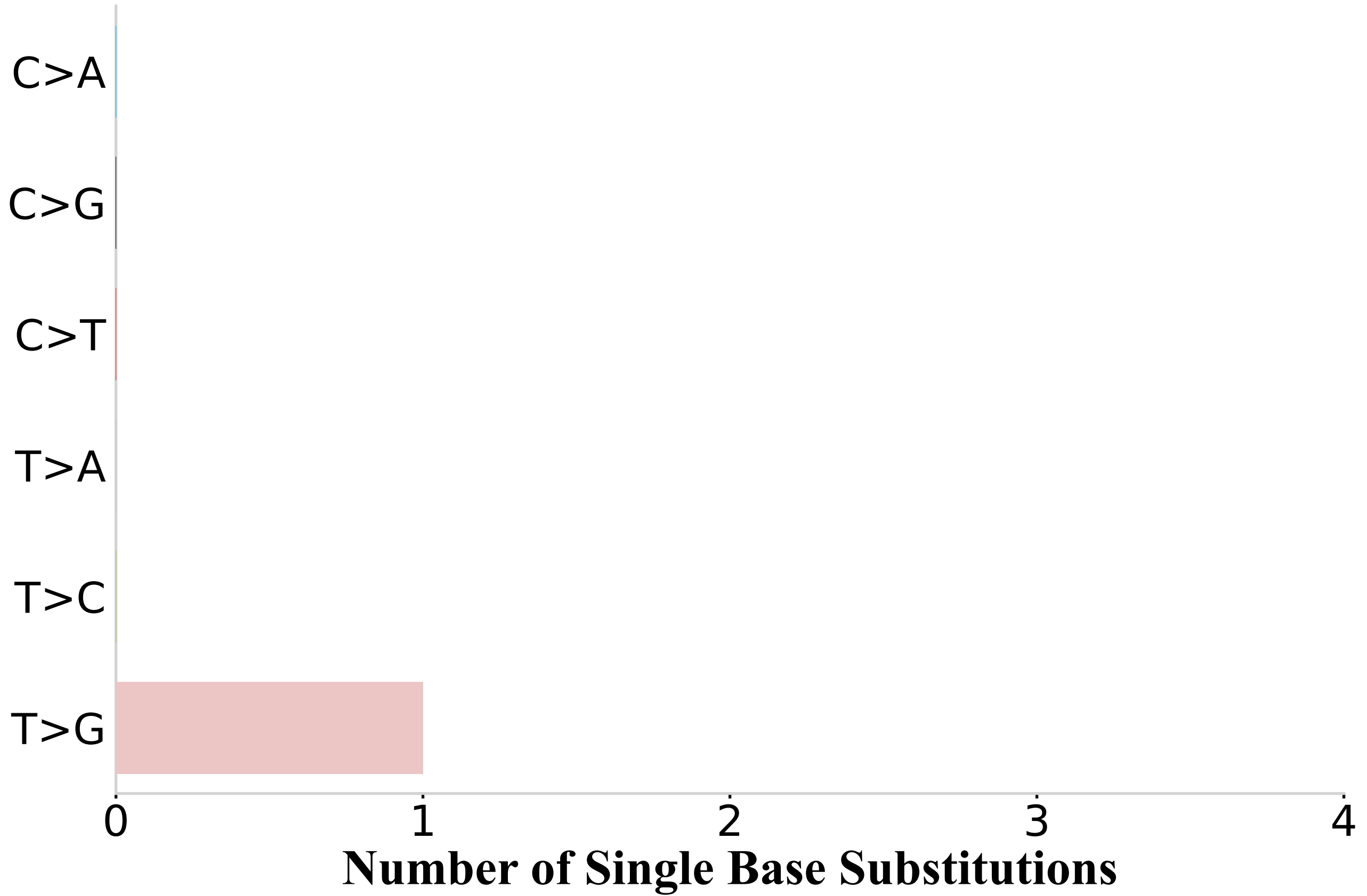
P-0020220-T01-IM6: 4 subs



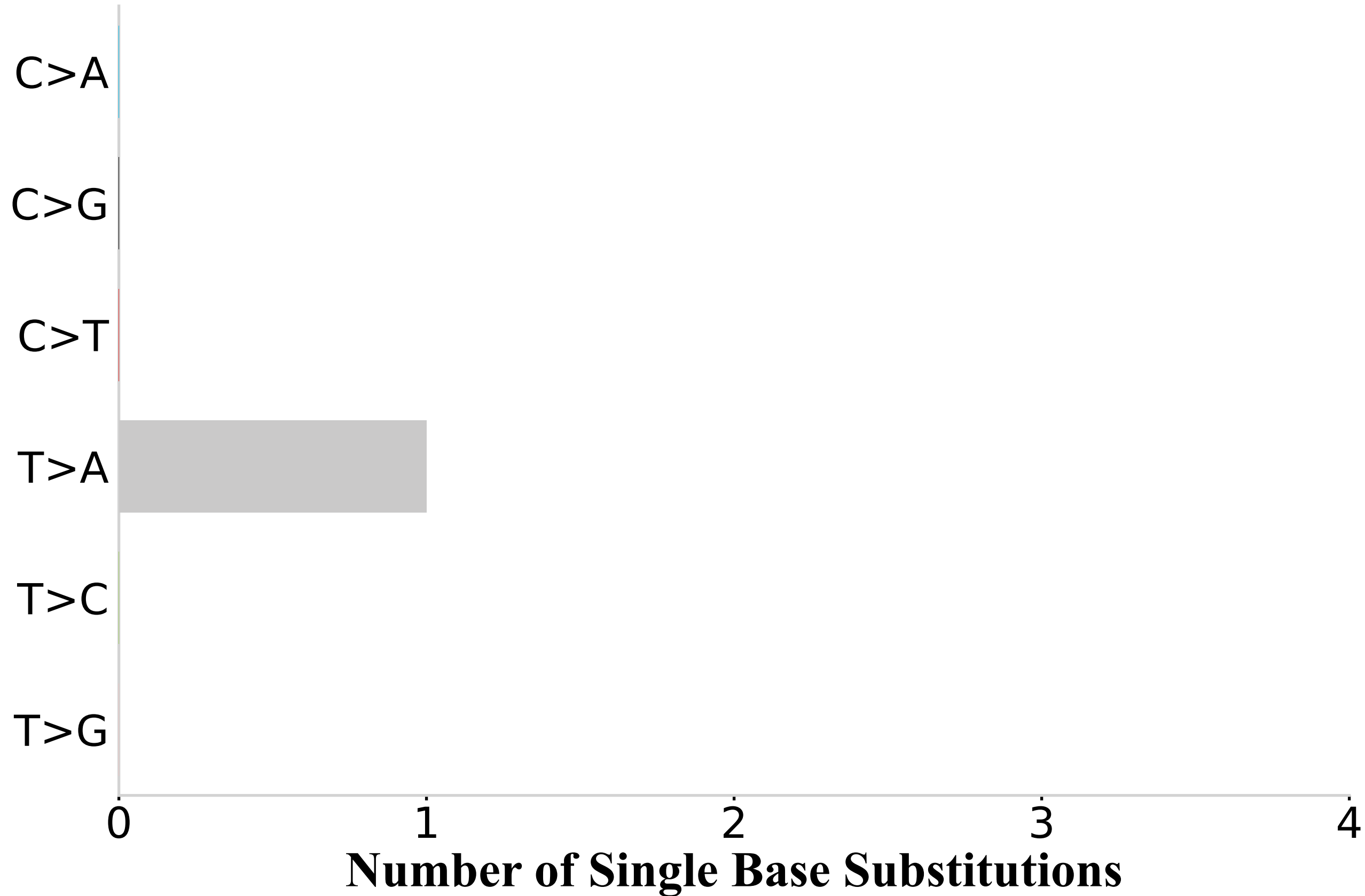
P-0020344-T01-IM6: 1 subs



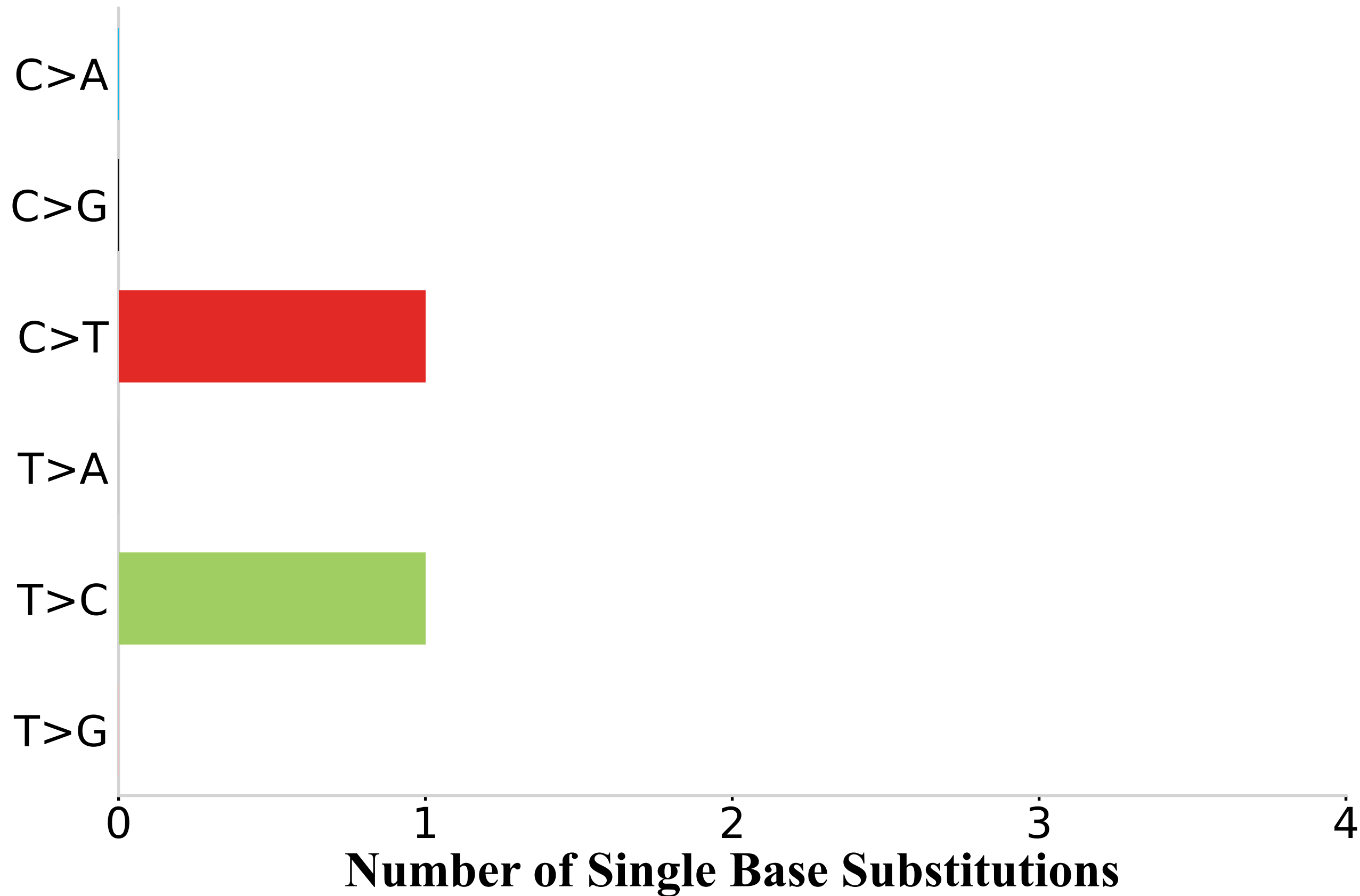
P-0020452-T01-IM6: 1 subs



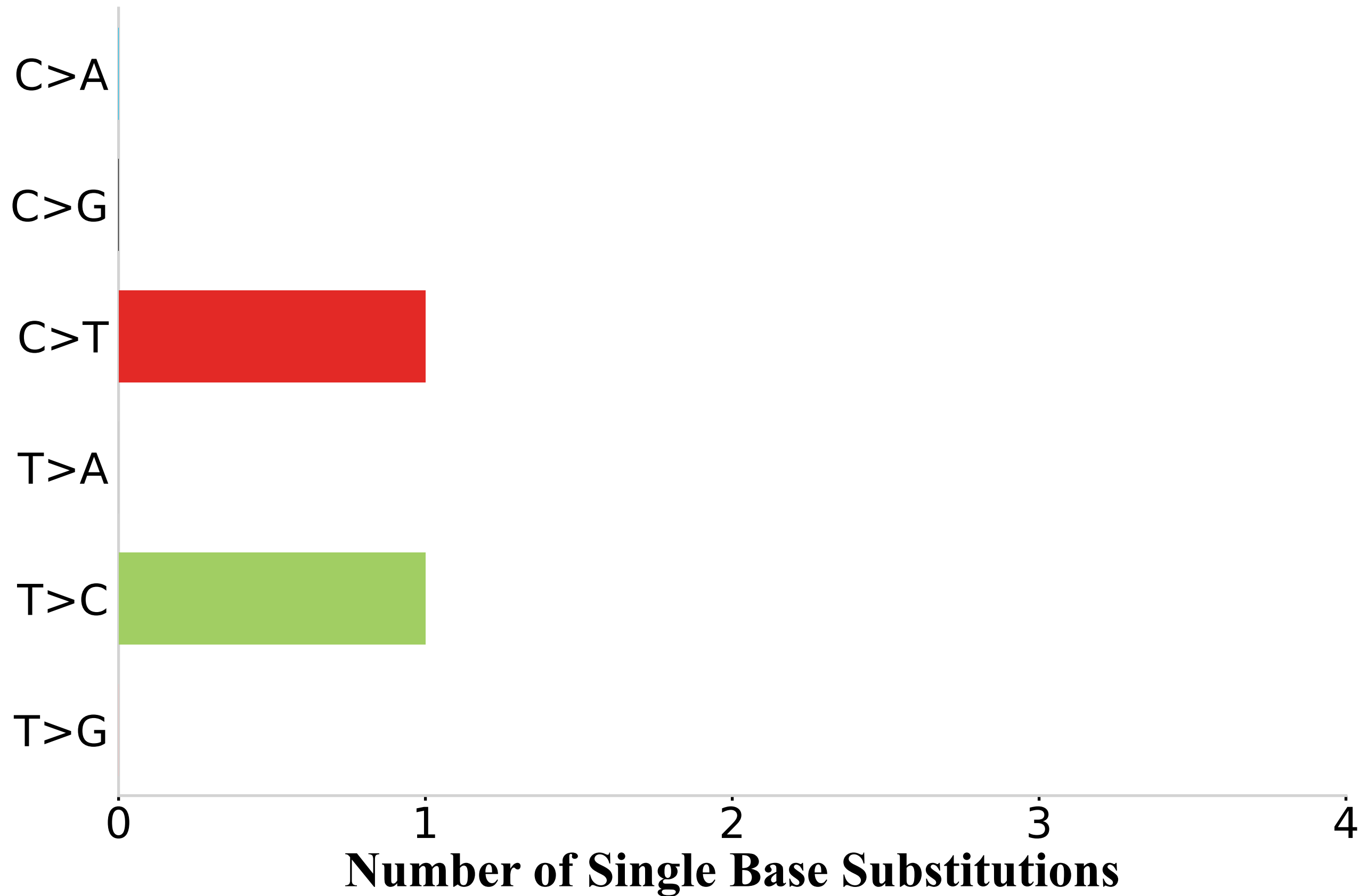
P-0020456-T01-IM6: 1 subs



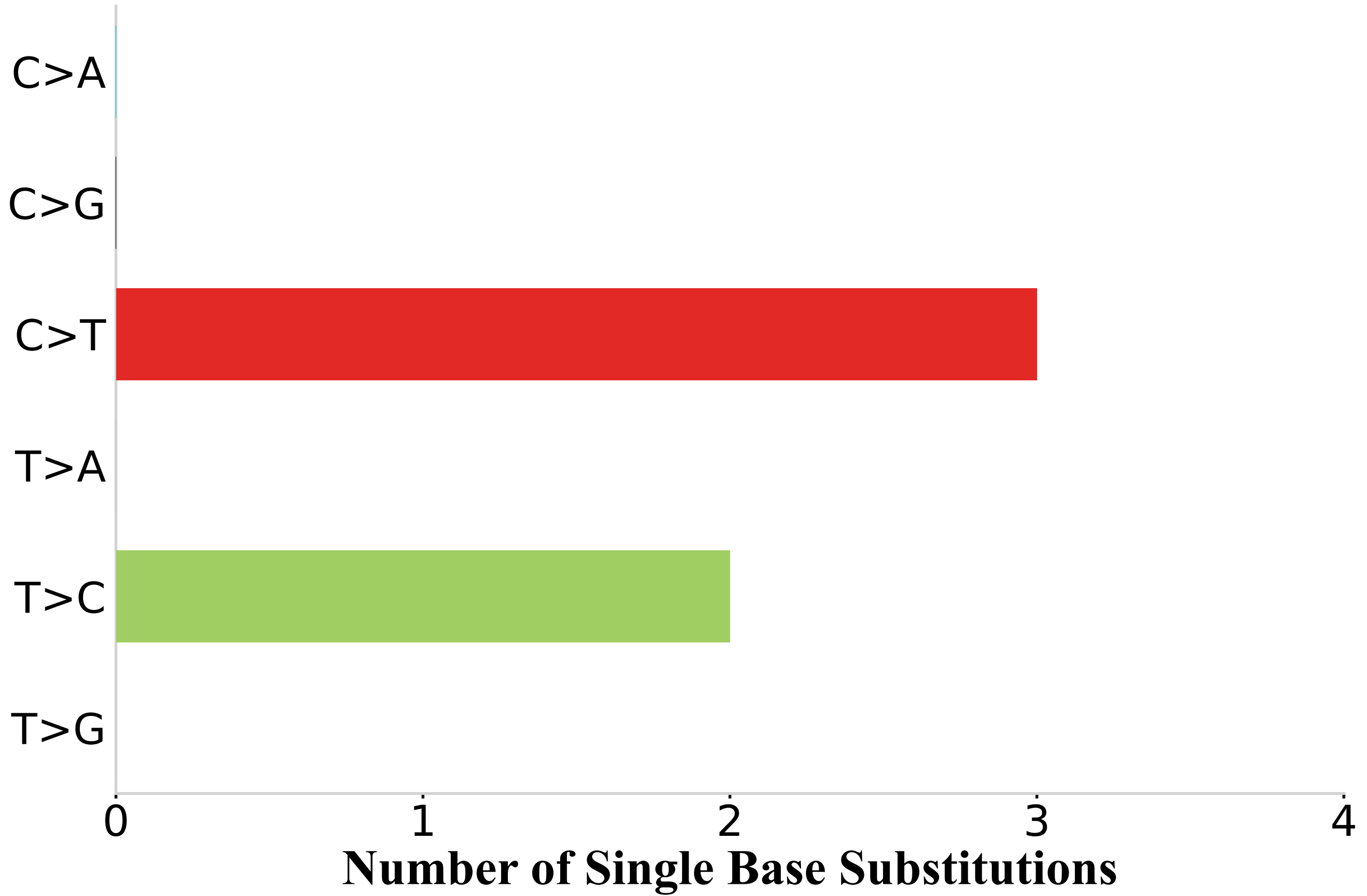
P-0020540-T01-IM6: 2 subs



P-0020571-T01-IM6: 2 subs



P-0020619-T01-IM6: 5 subs



P-0020663-T01-IM6: 0 subs

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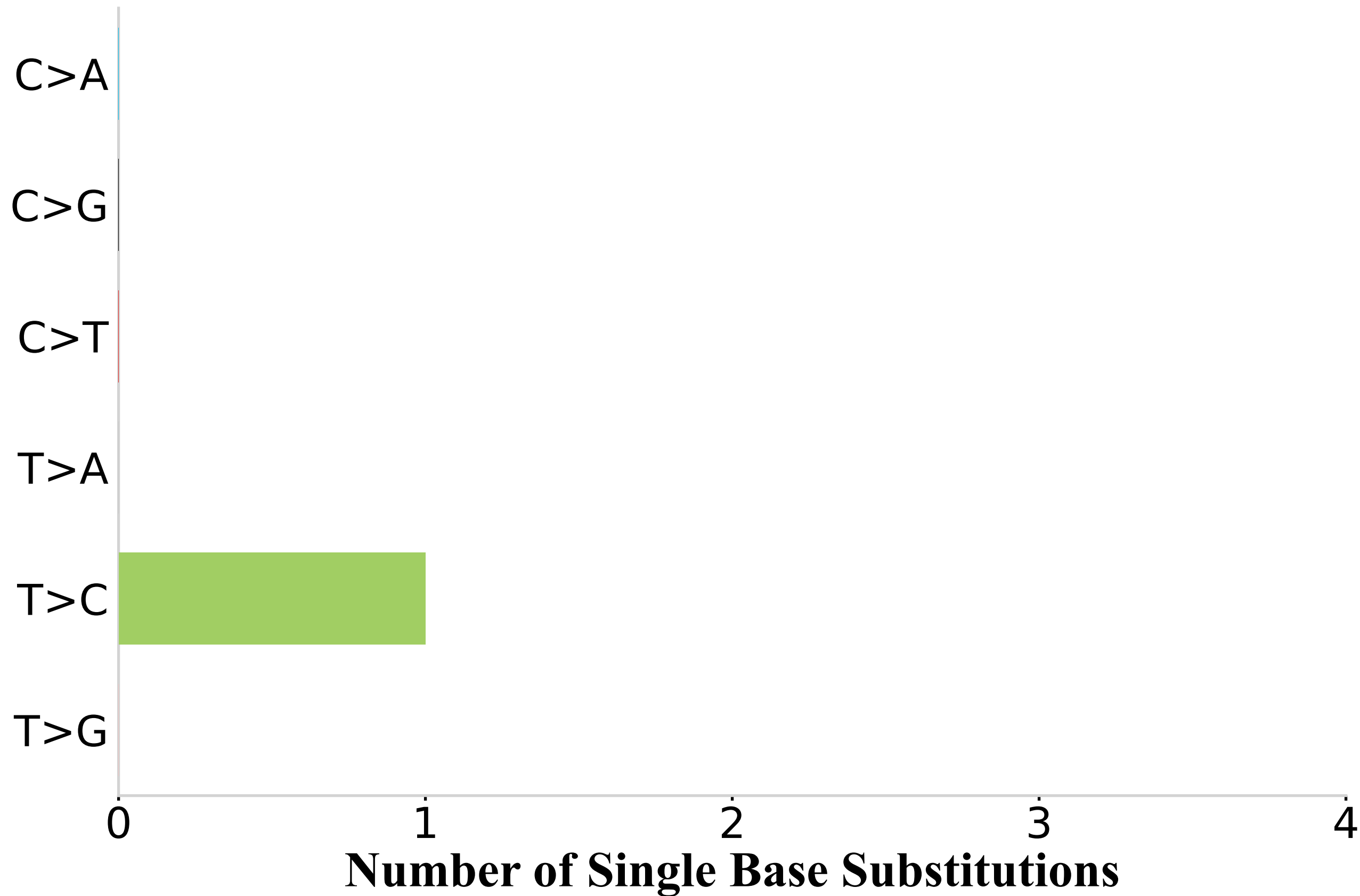
T>G

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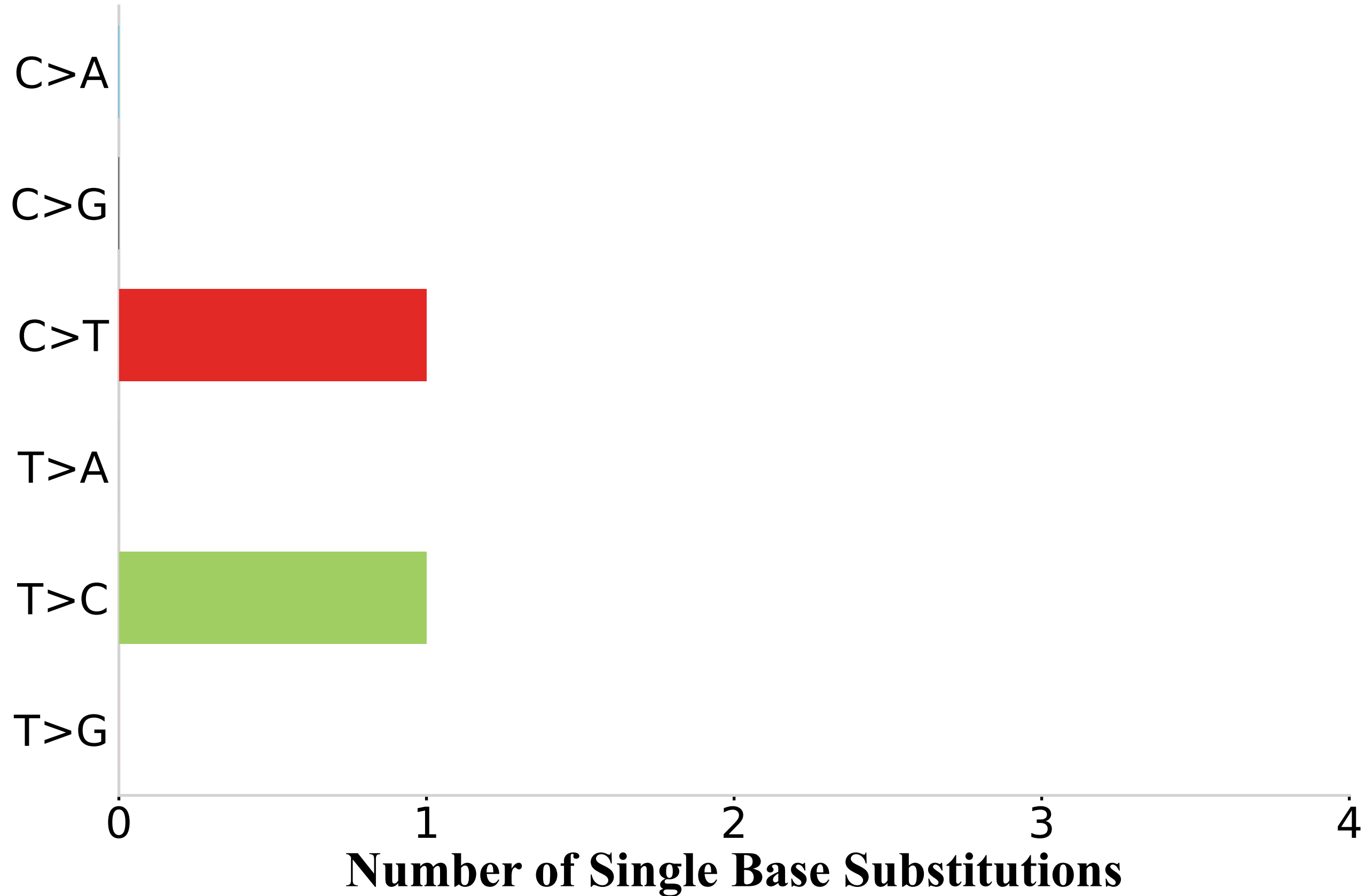
Number of Single Base Substitutions



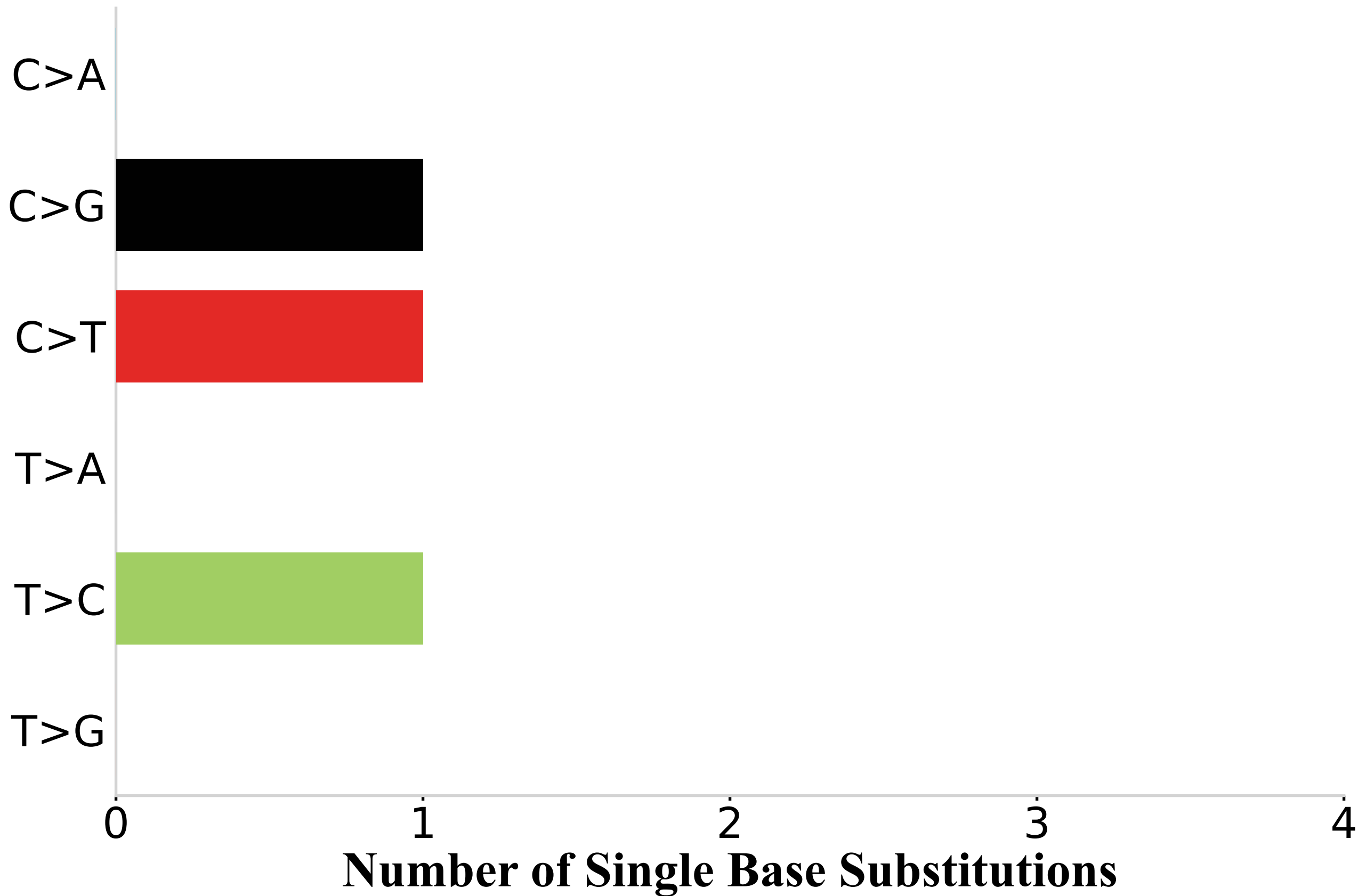
P-0020912-T01-IM6: 1 subs



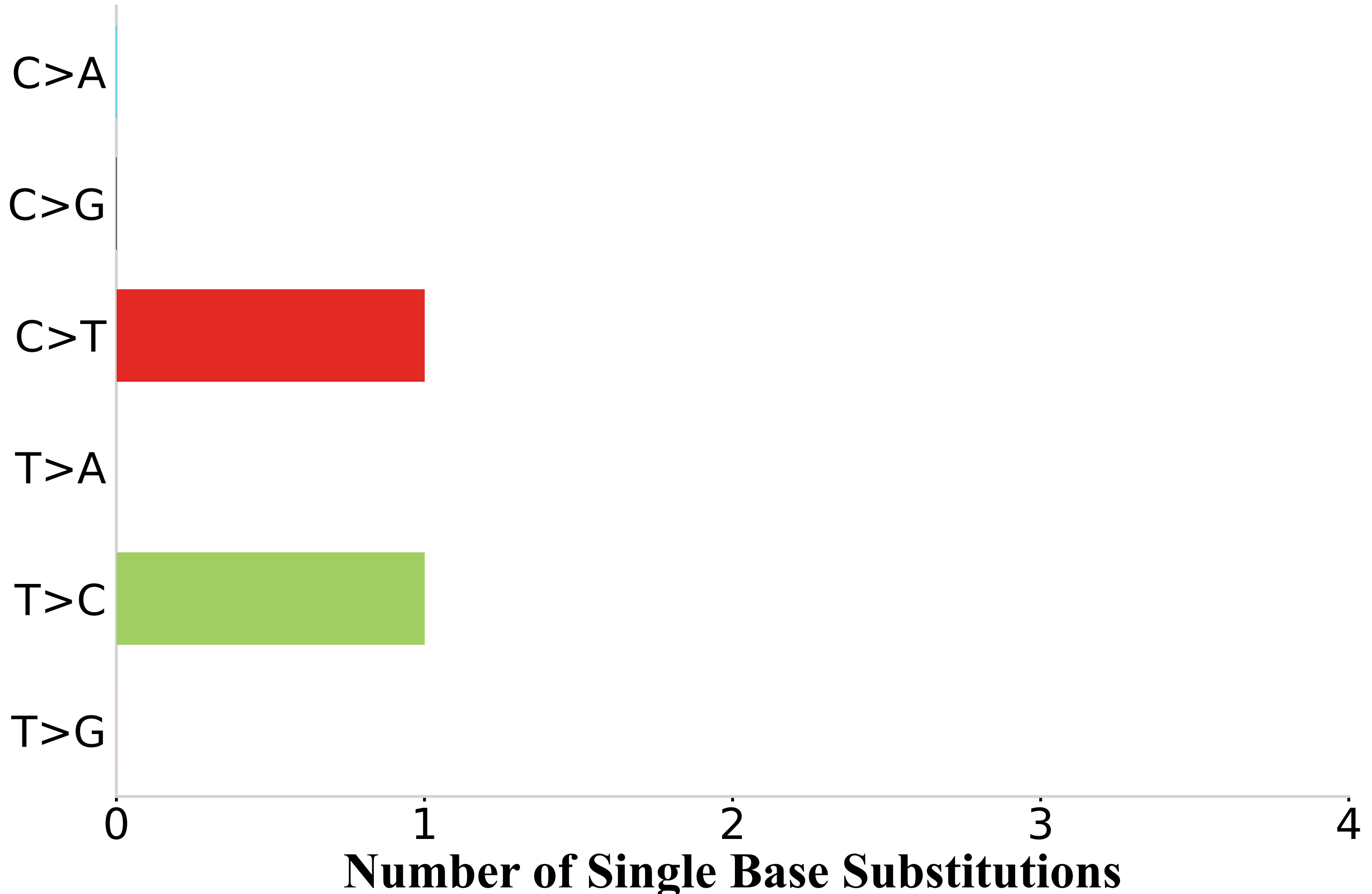
P-0021631-T01-IM6: 2 subs



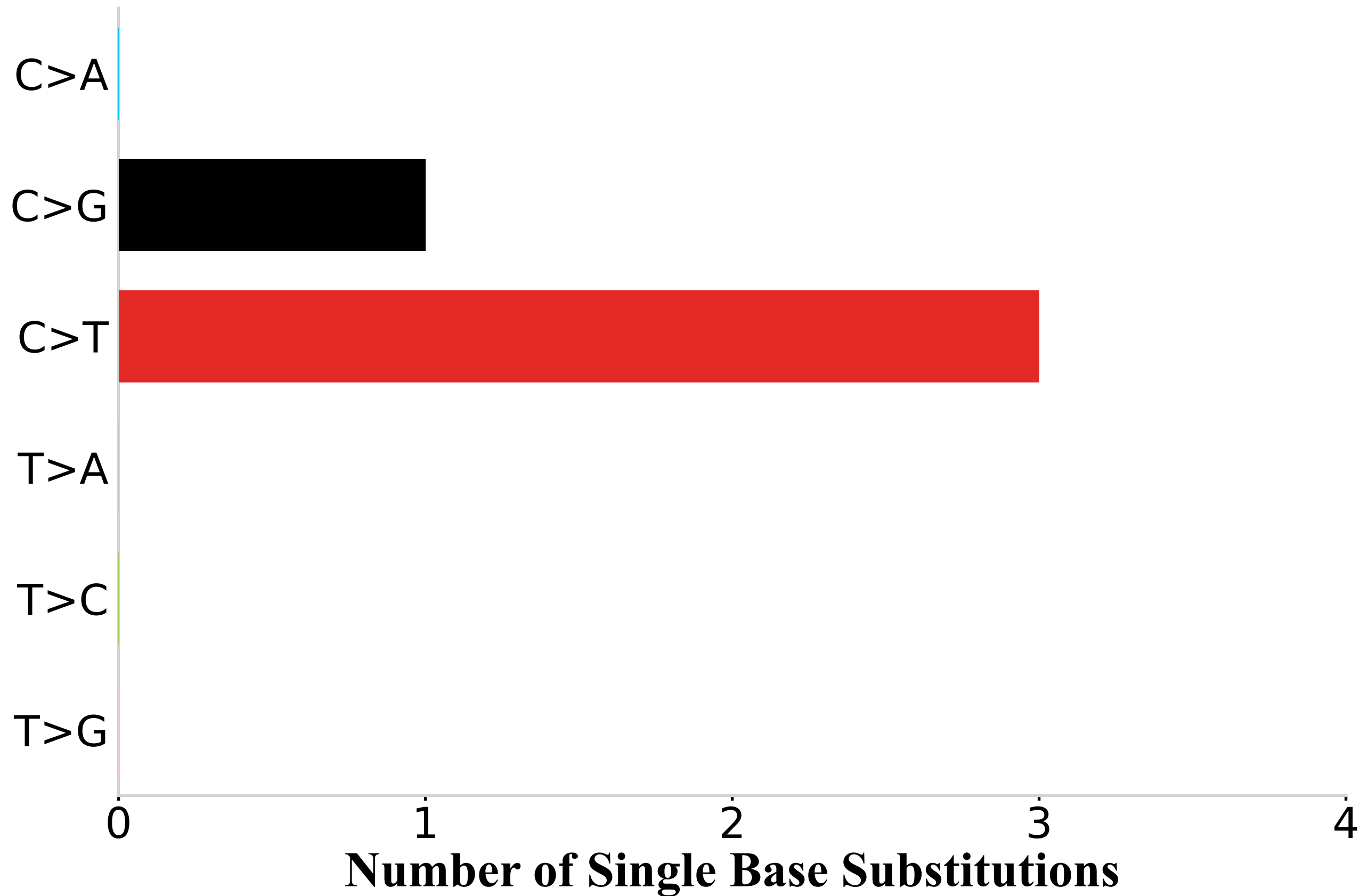
P-0021683-T01-IM6: 3 subs



P-0021745-T01-IM6: 2 subs



P-0021753-T01-IM6: 4 subs



P-0021913-T01-IM6: 2 subs

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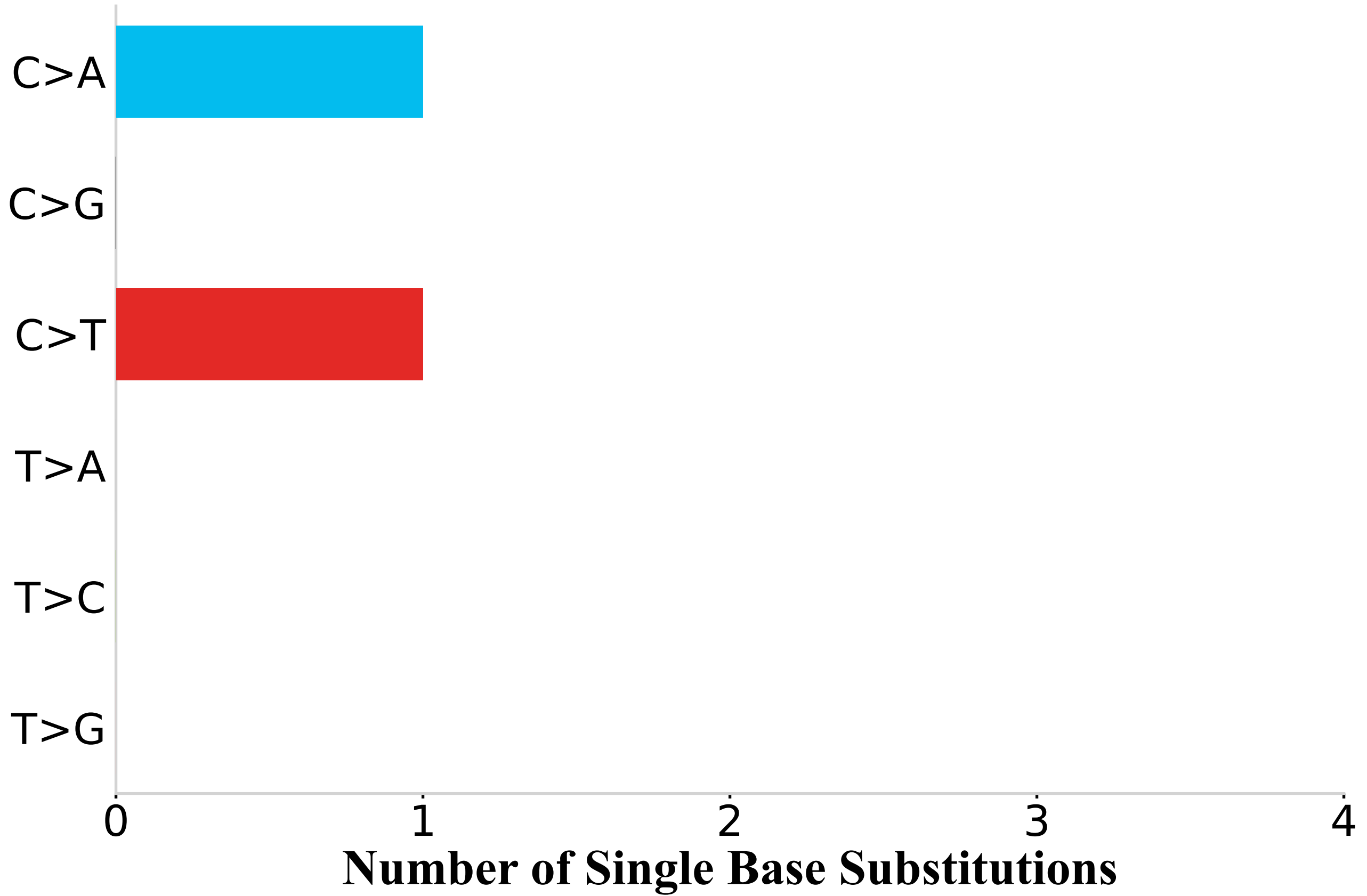
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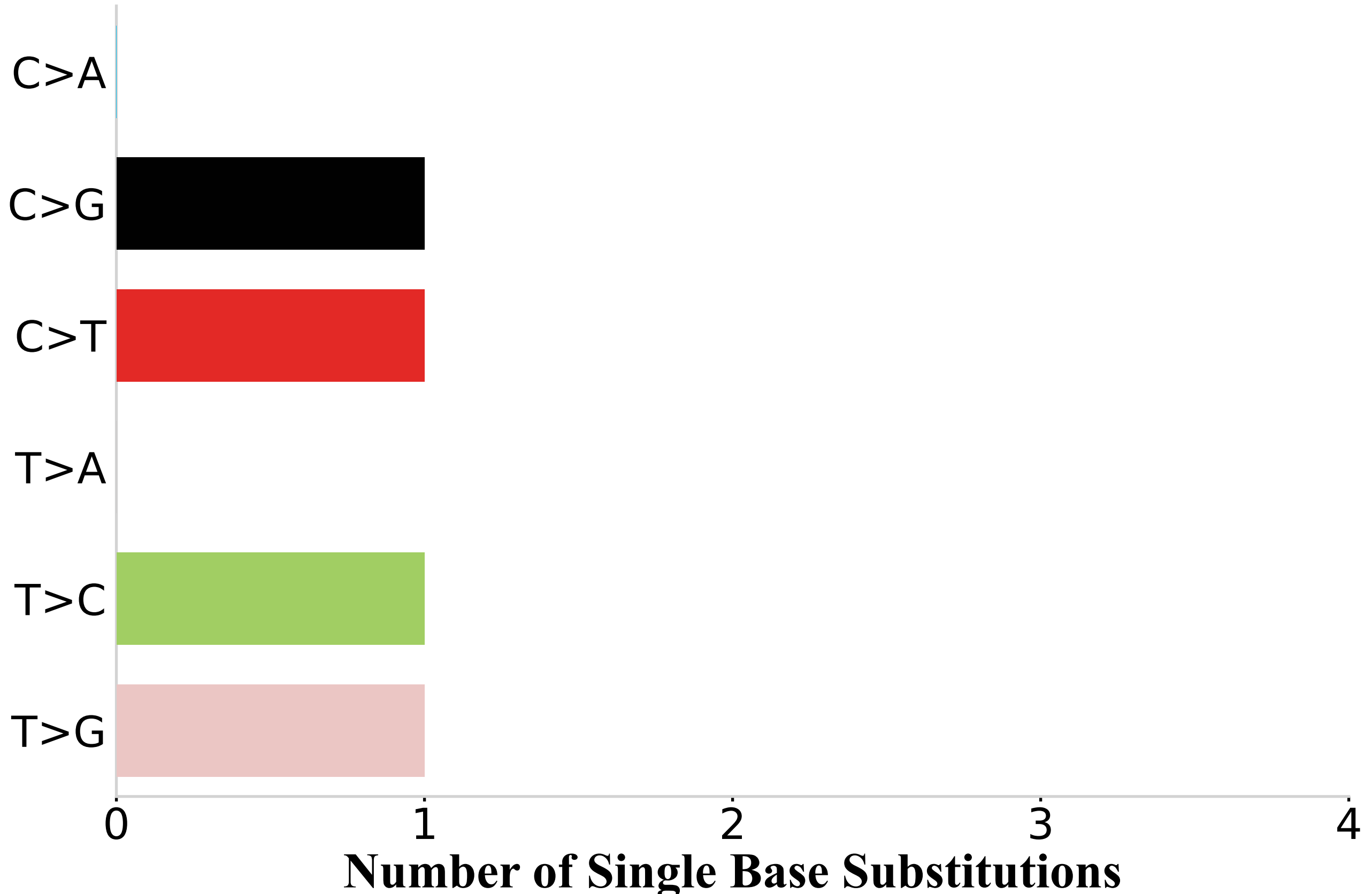
Number of Single Base Substitutions



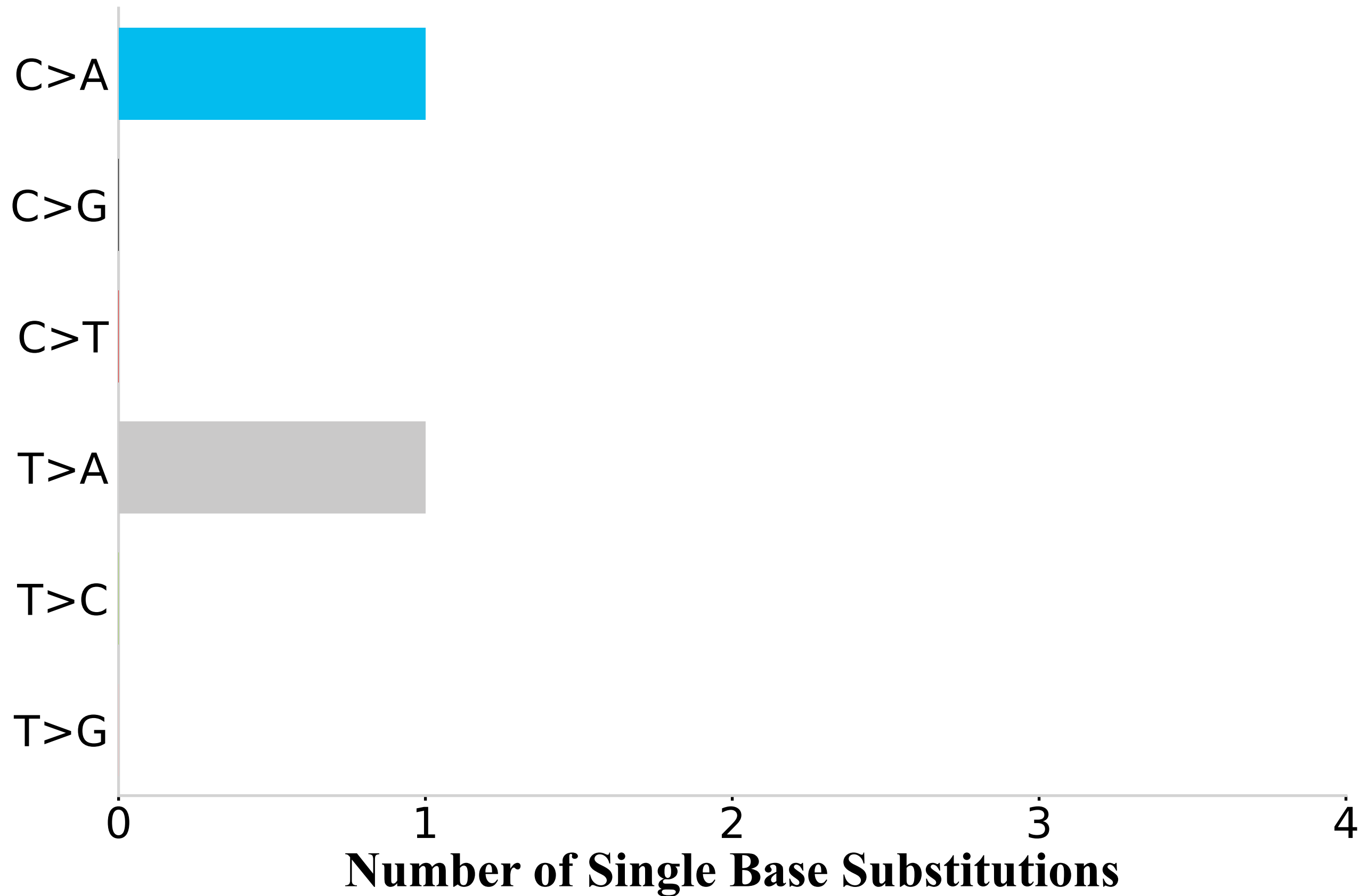
P-0022116-T01-IM6: 2 subs



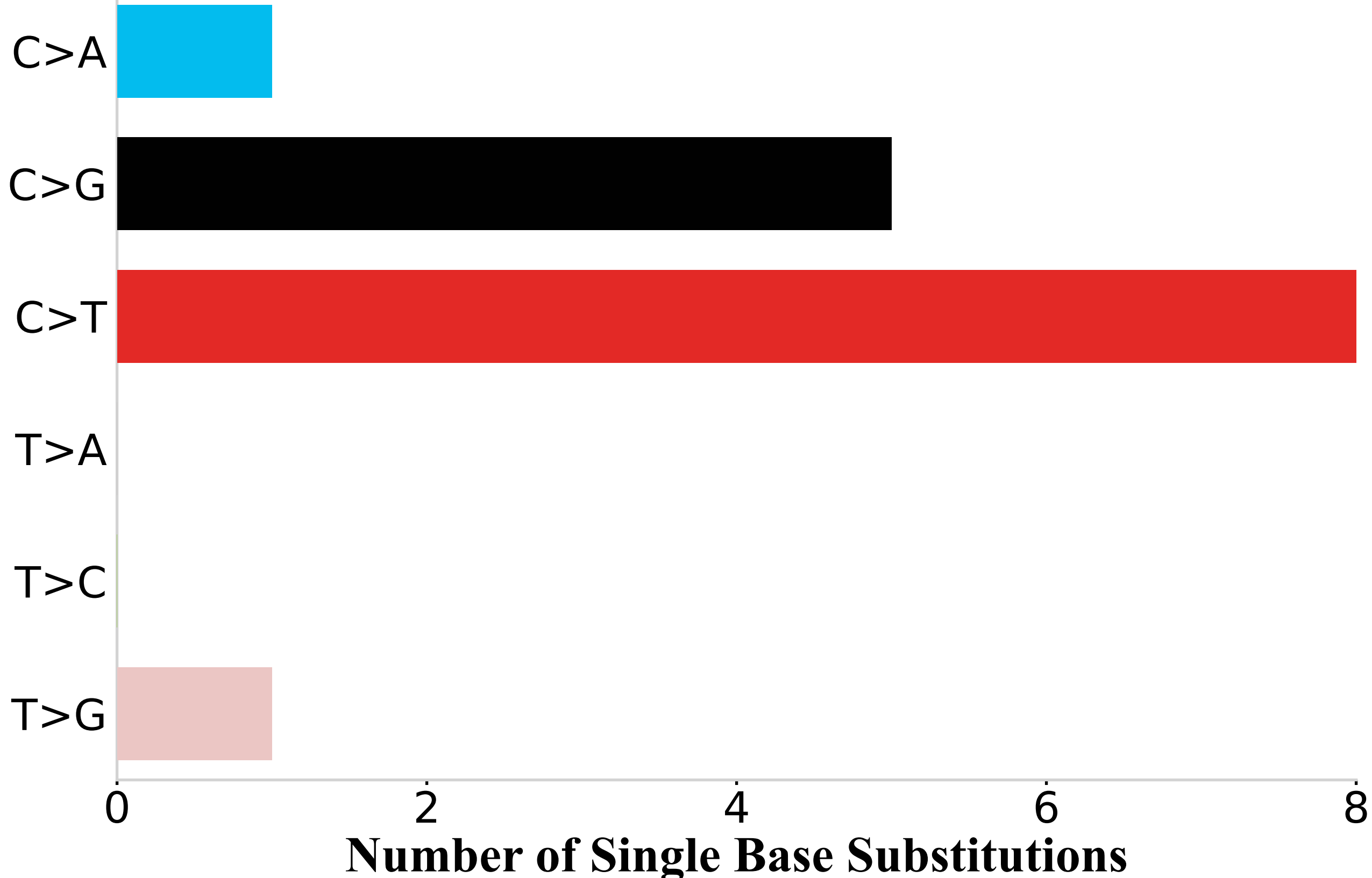
P-0022335-T01-IM6: 4 subs



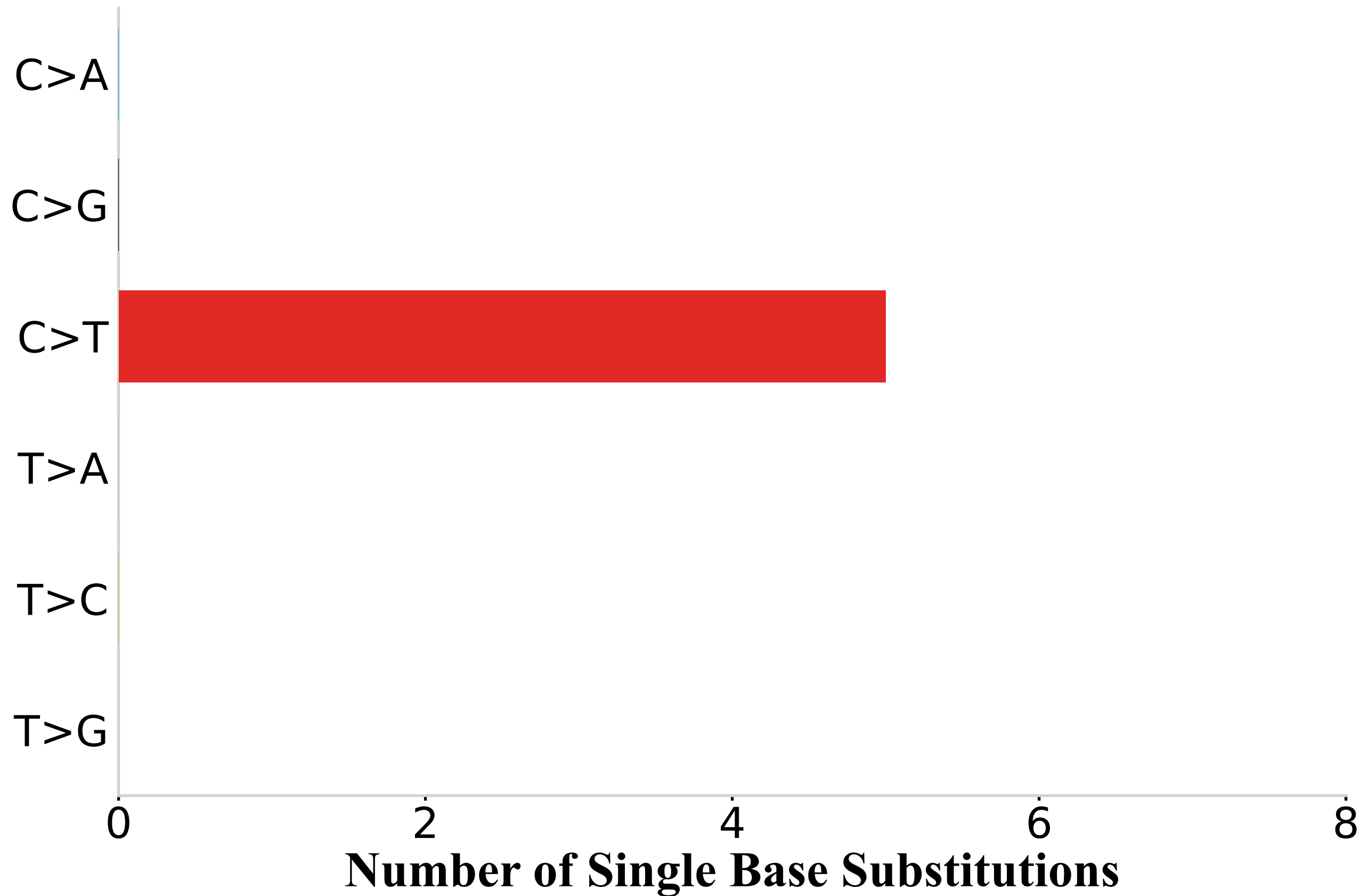
P-0022350-T01-IM6: 2 subs



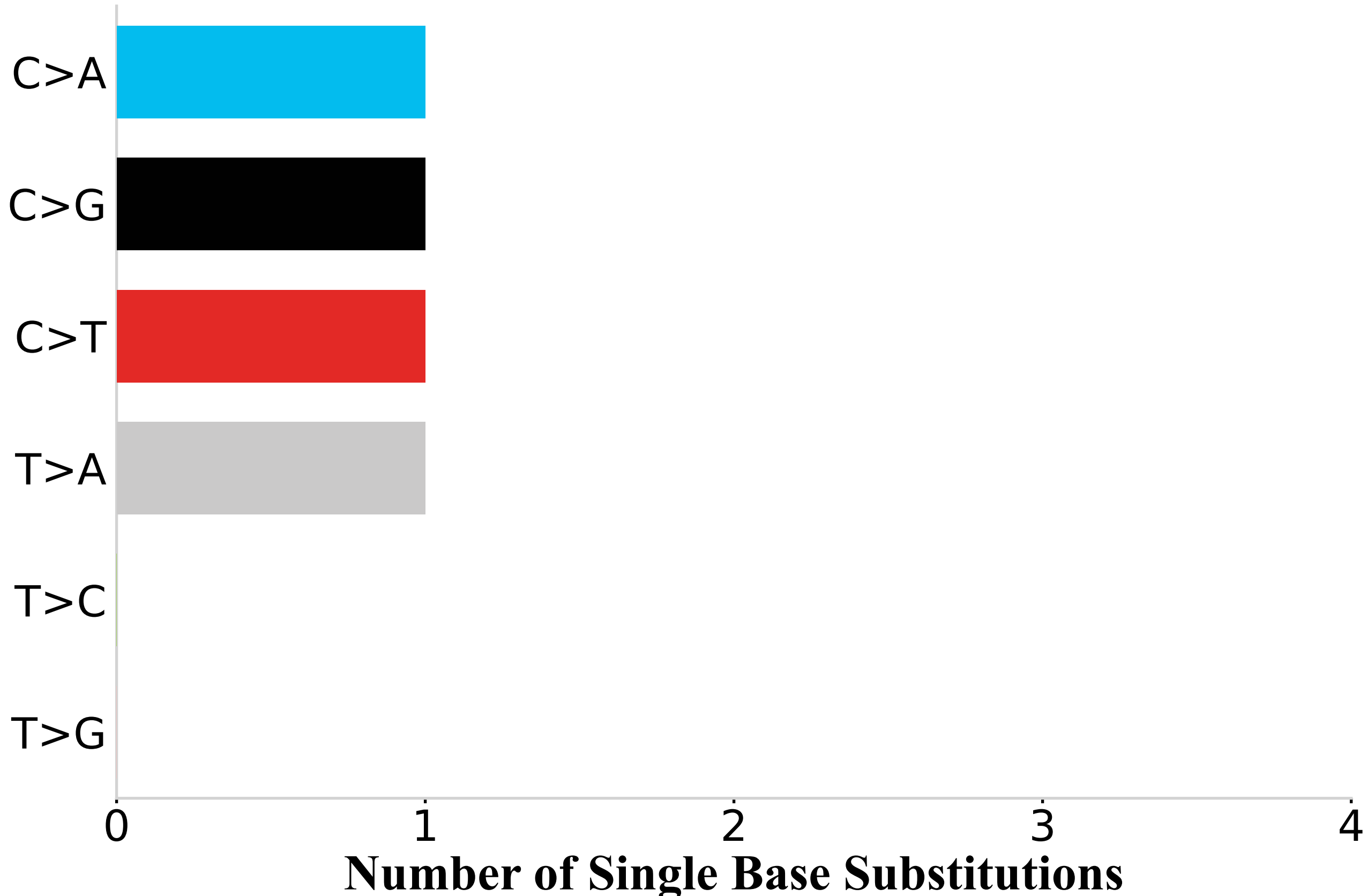
P-0022674-T01-IM6: 15 subs



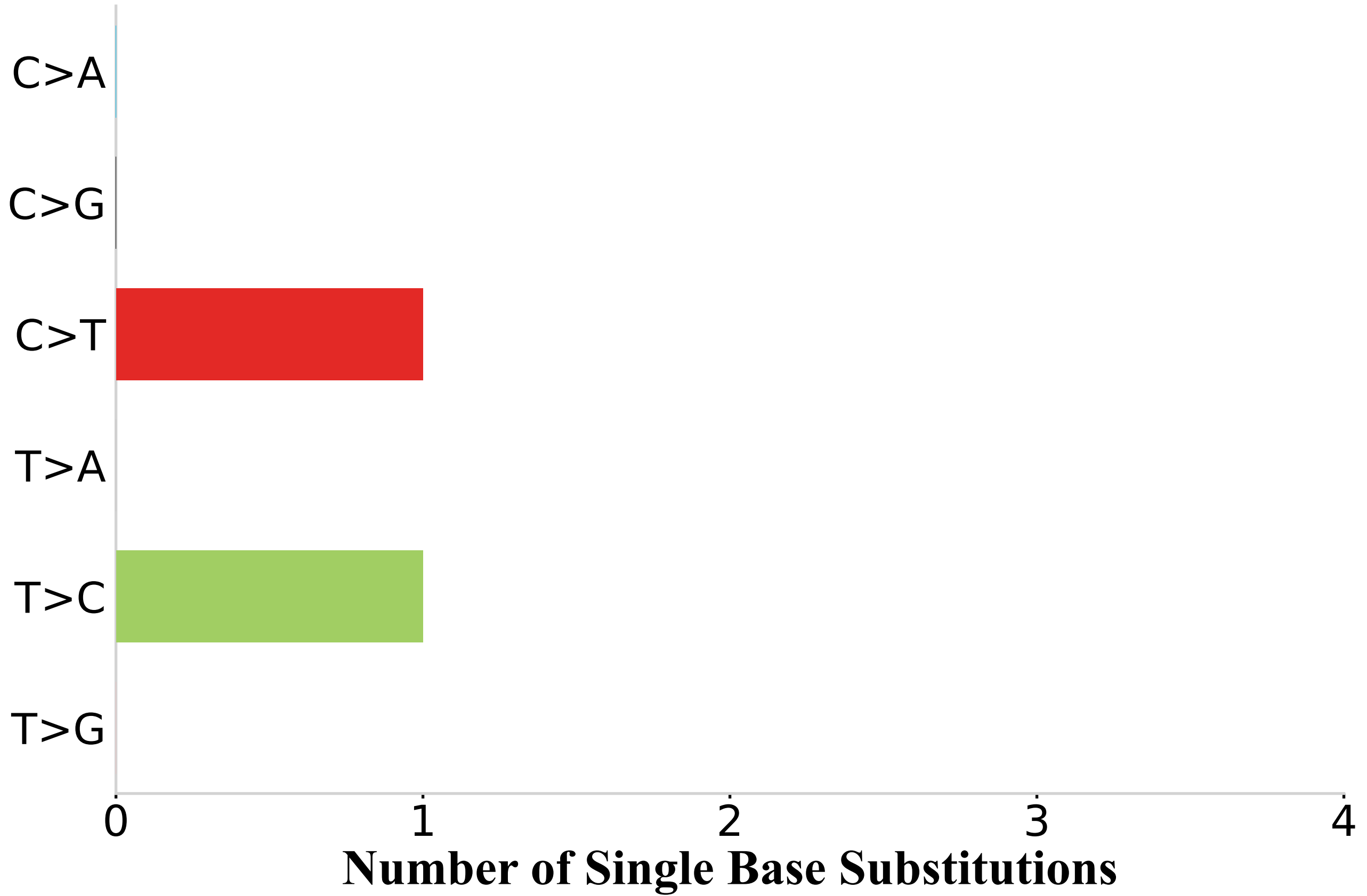
P-0022718-T01-IM6: 5 subs



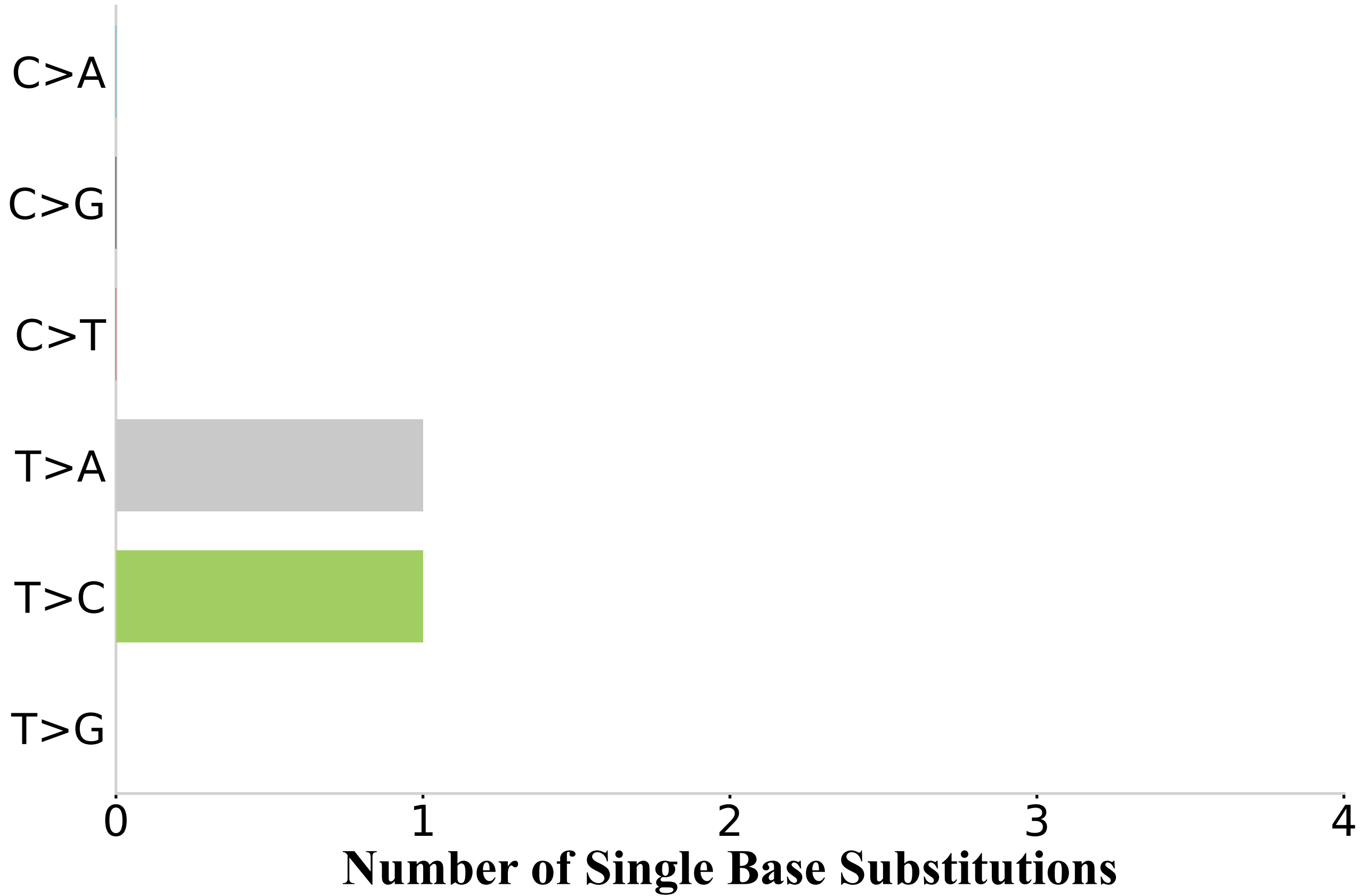
P-0022747-T01-IM6: 4 subs



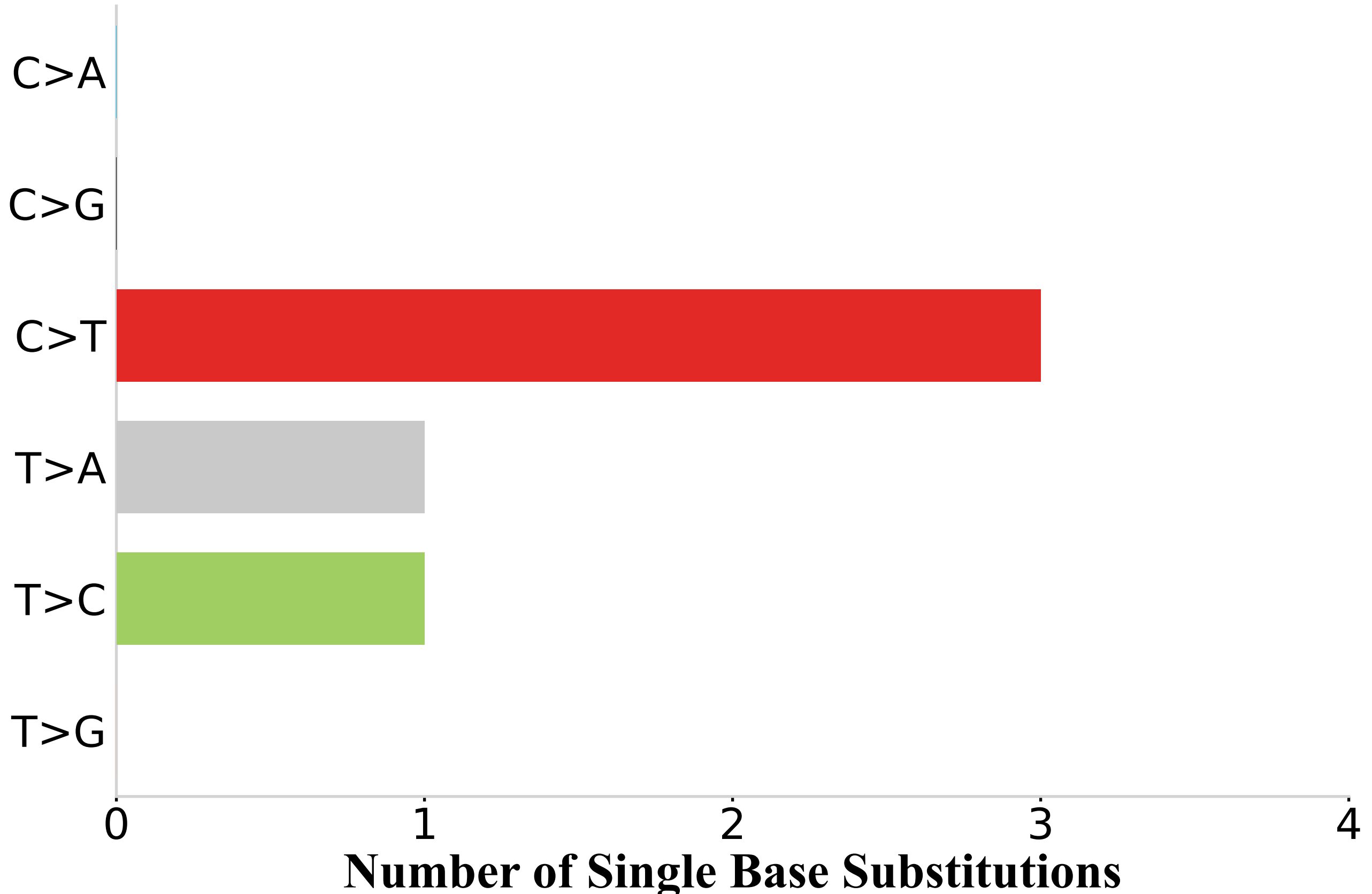
P-0022750-T01-IM6: 2 subs



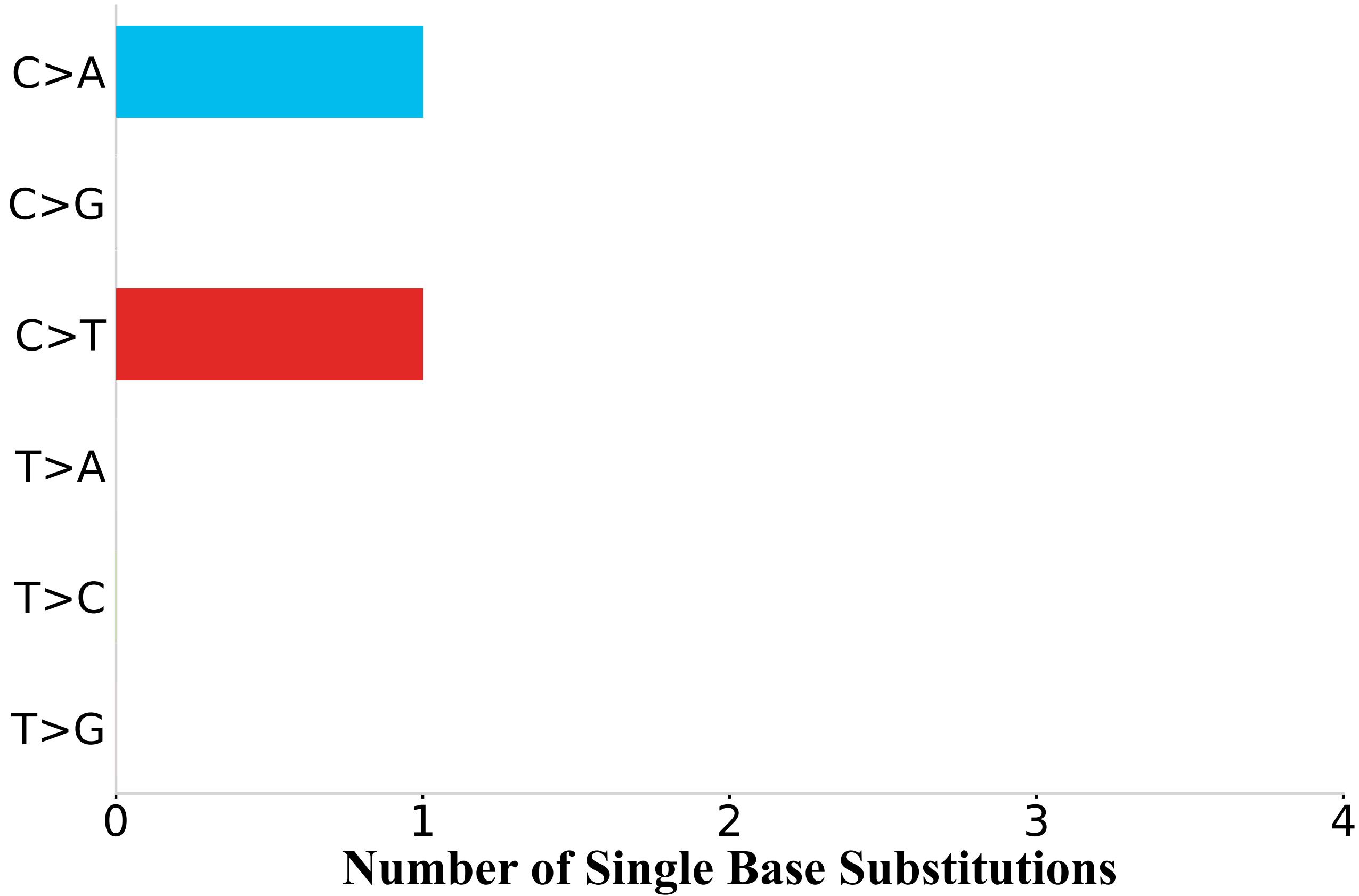
P-0022974-T01-IM6: 2 subs



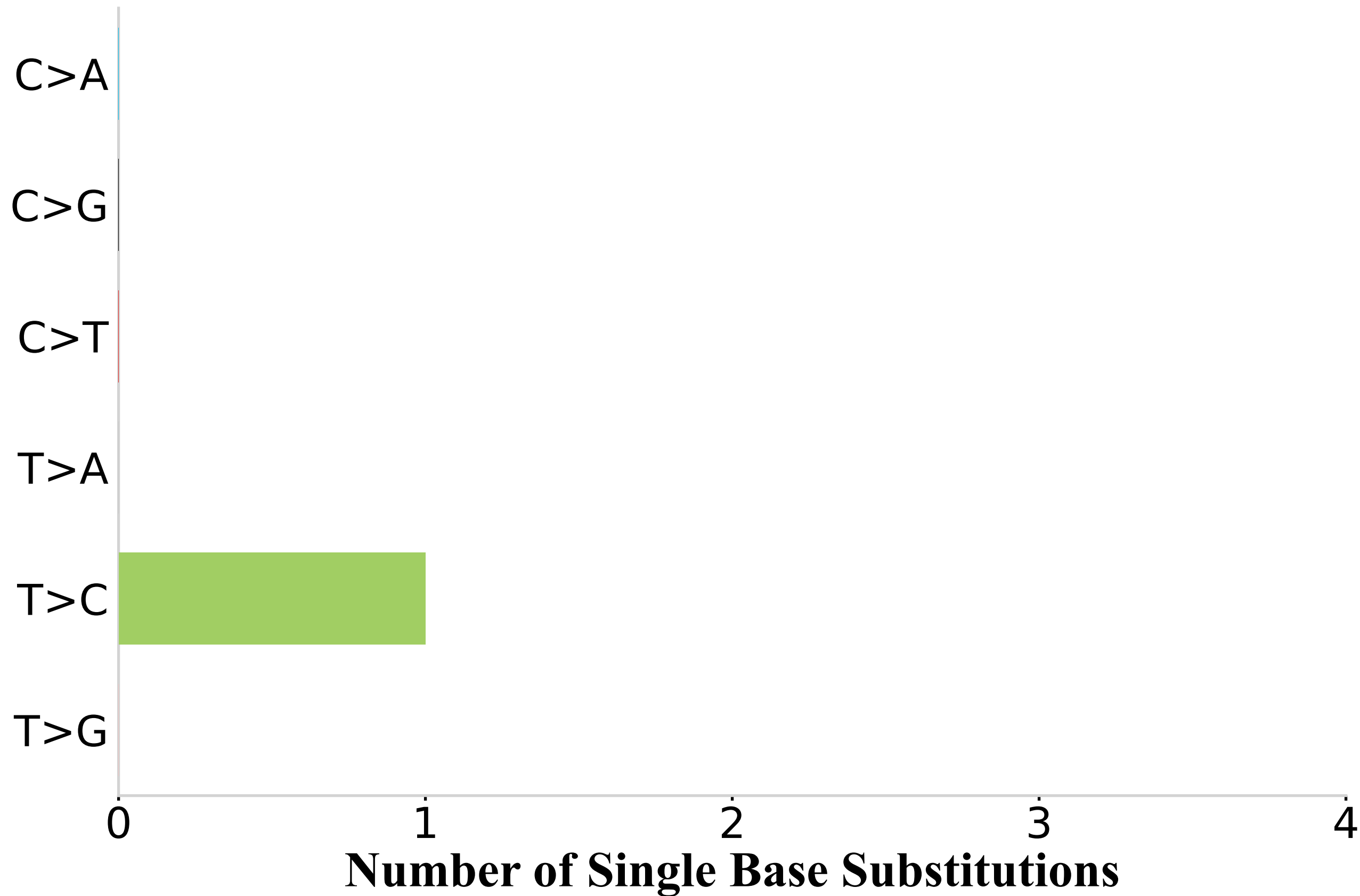
P-0023048-T01-IM6: 5 subs



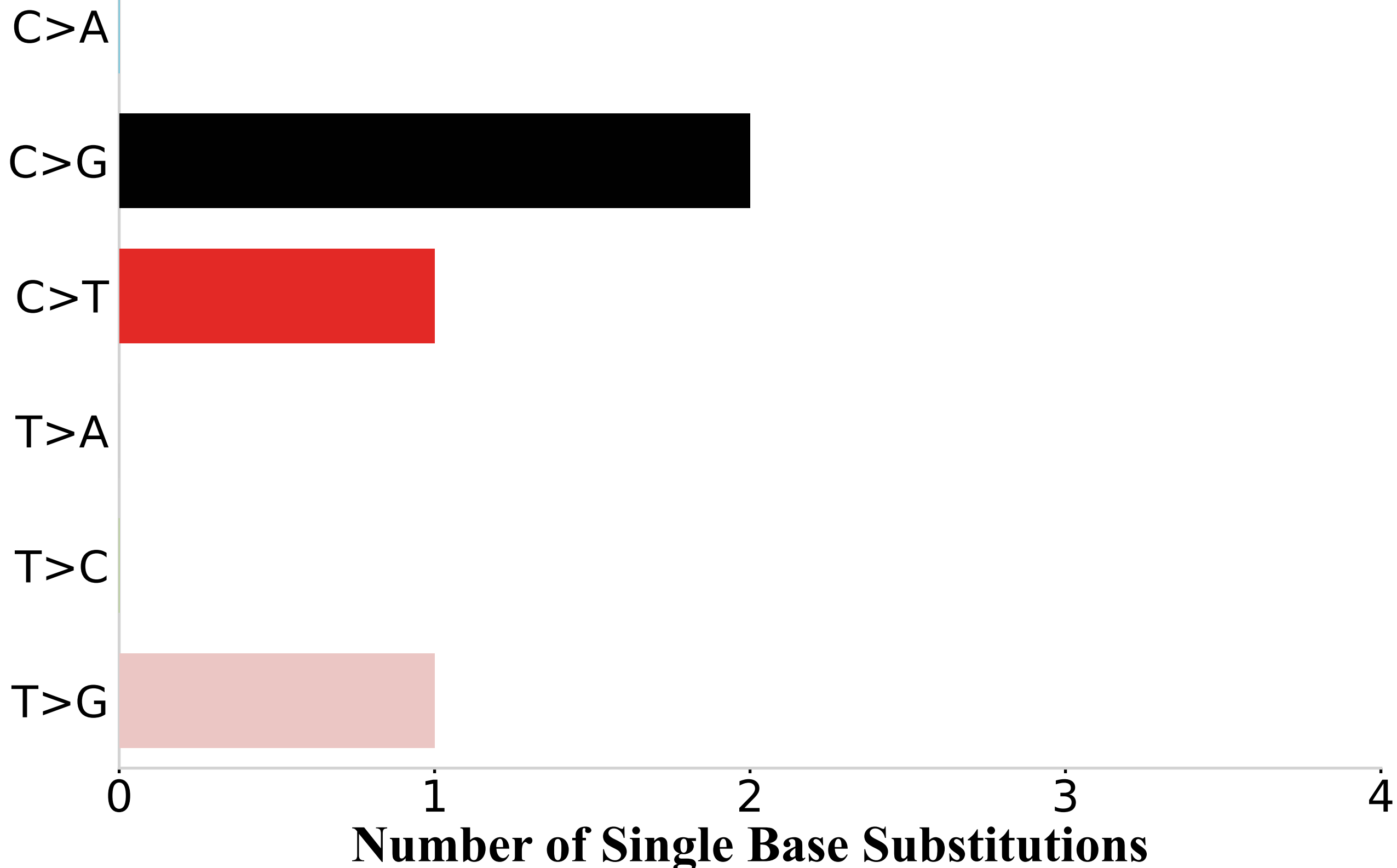
P-0023127-T01-IM6: 2 subs



P-0023135-T01-IM6: 1 subs



P-0023159-T01-IM6: 4 subs



P-0023192-T01-IM6: 0 subs

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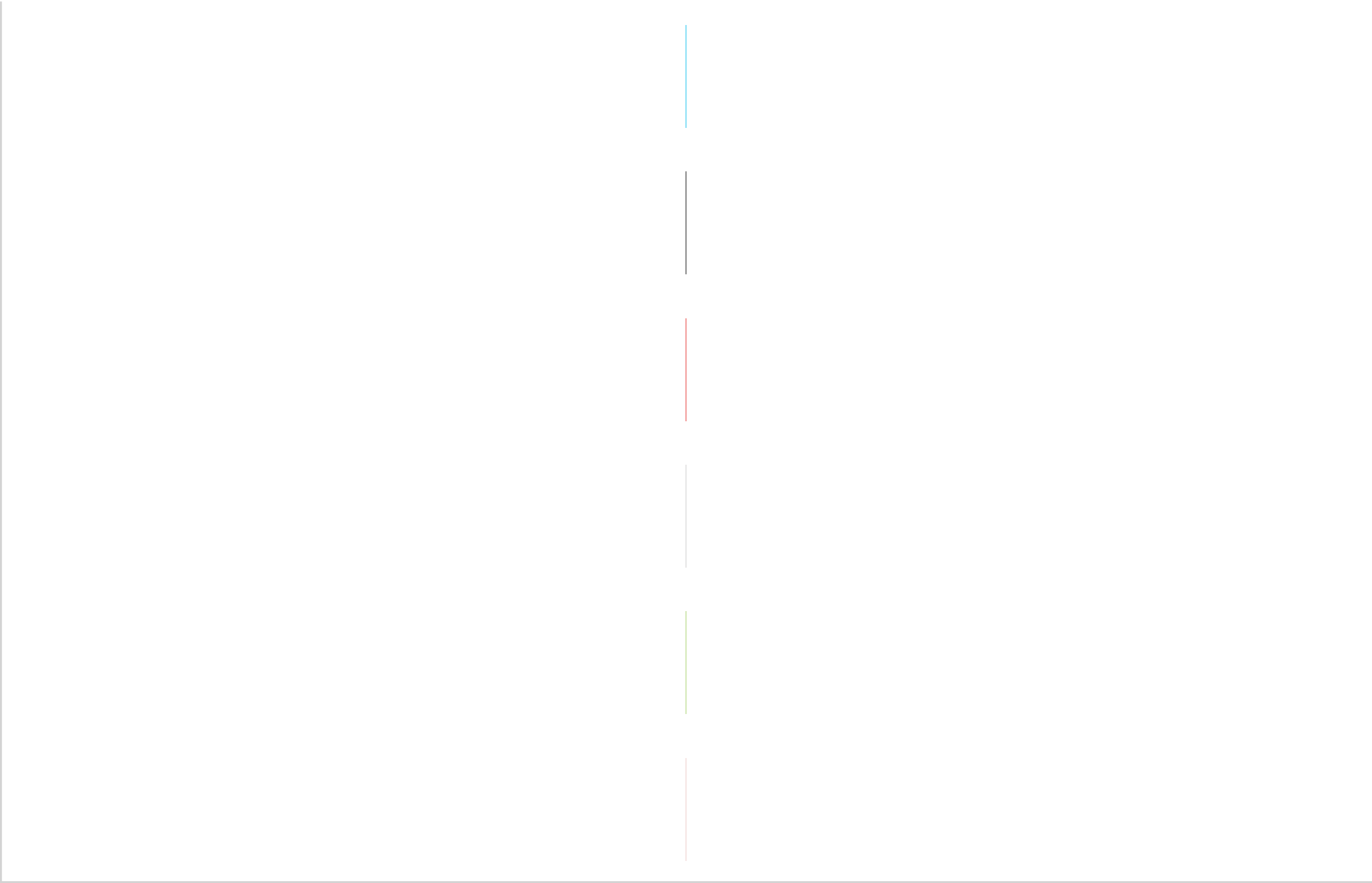
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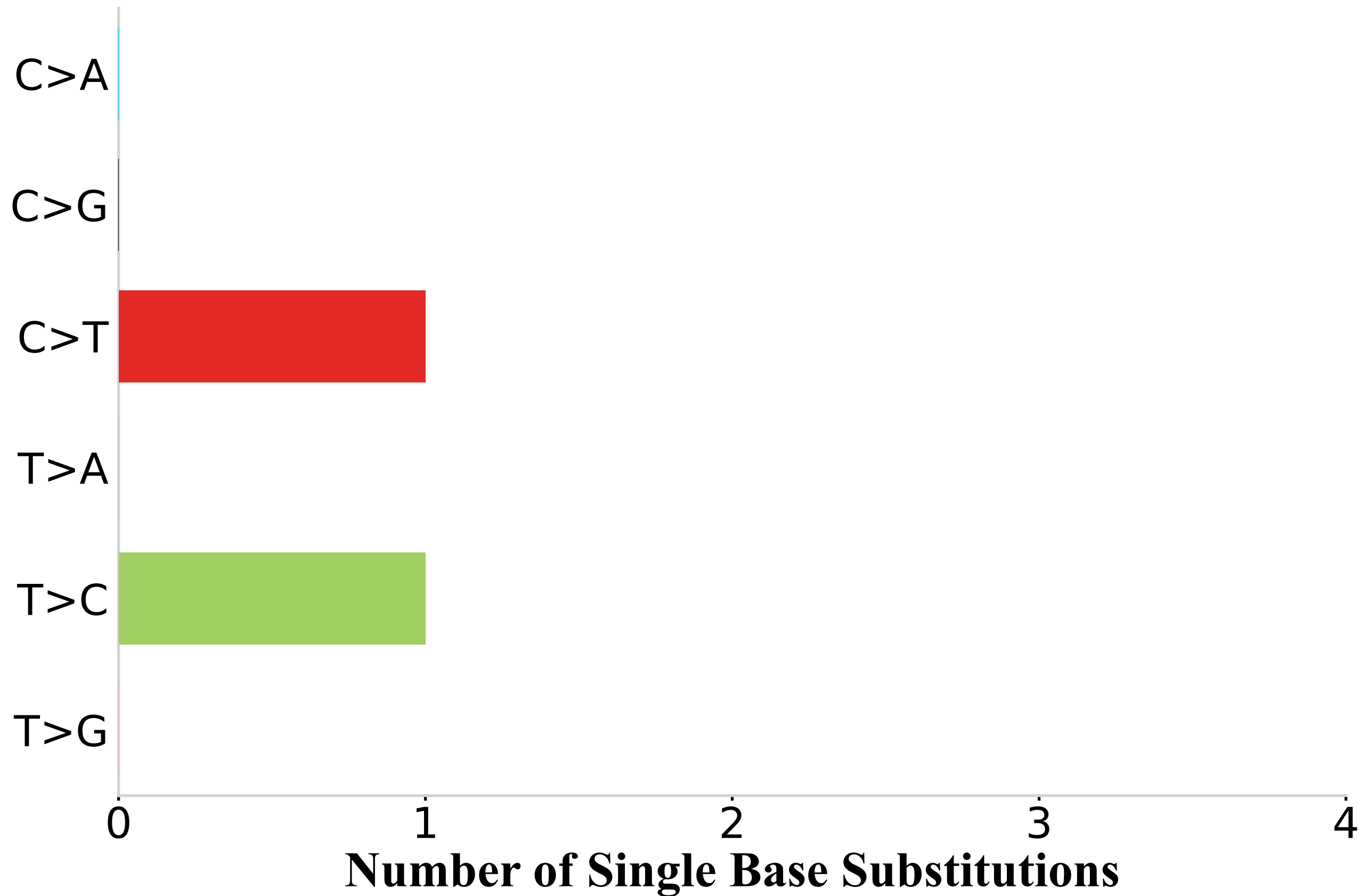
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Number of Single Base Substitutions



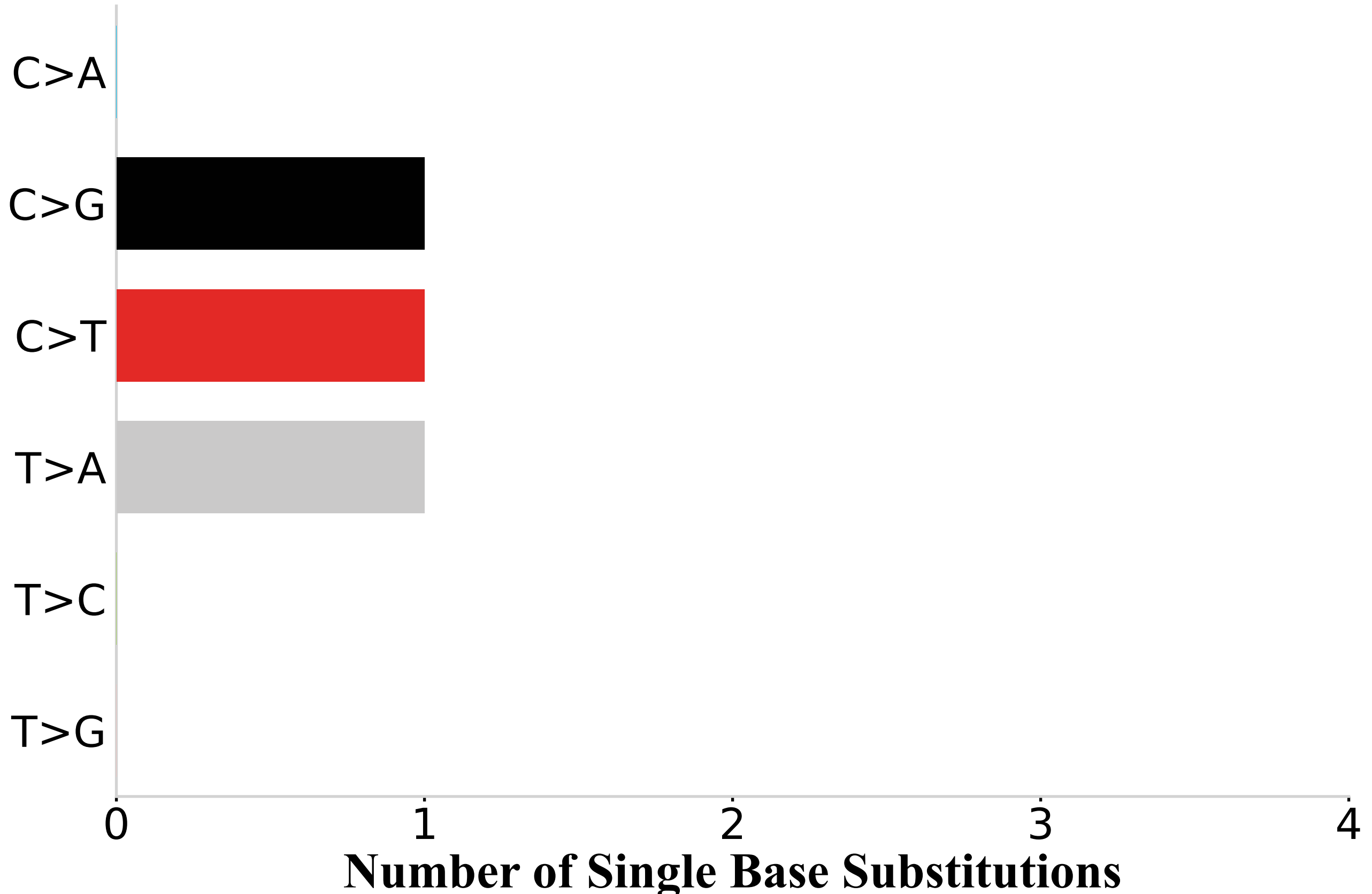
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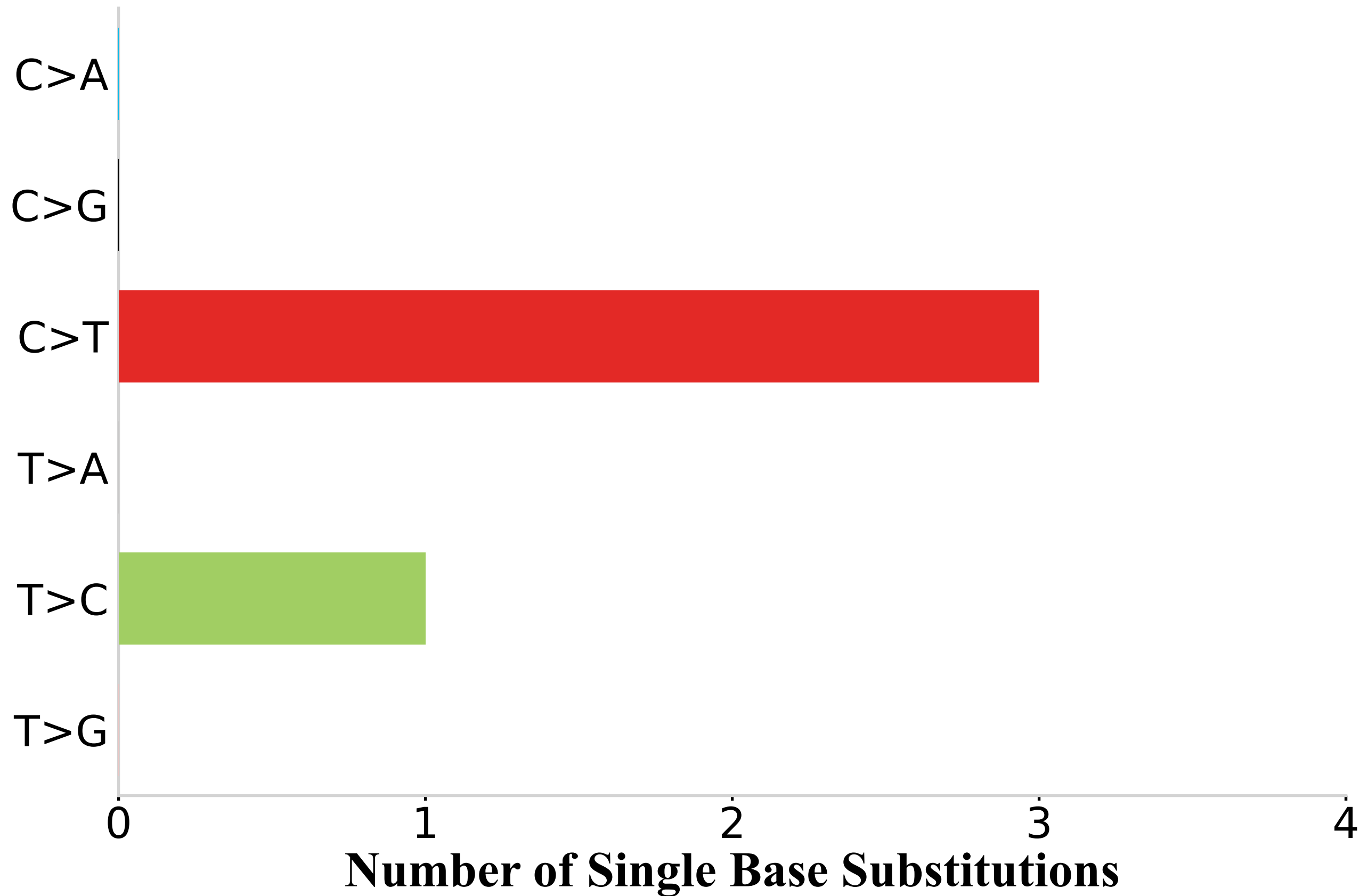
P-0023264-T01-IM6: 1 subs



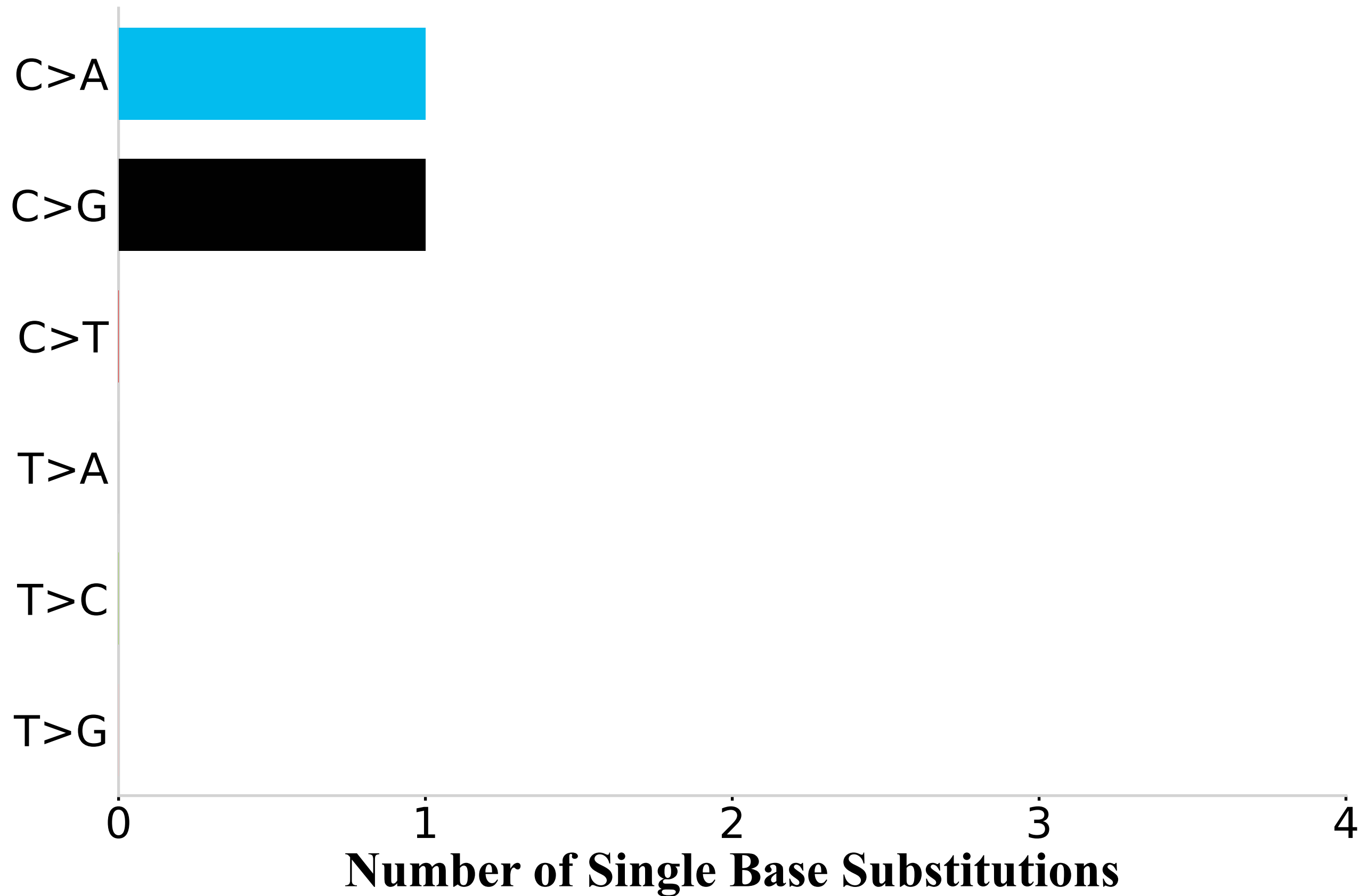
P-0023350-T01-IM6: 3 subs



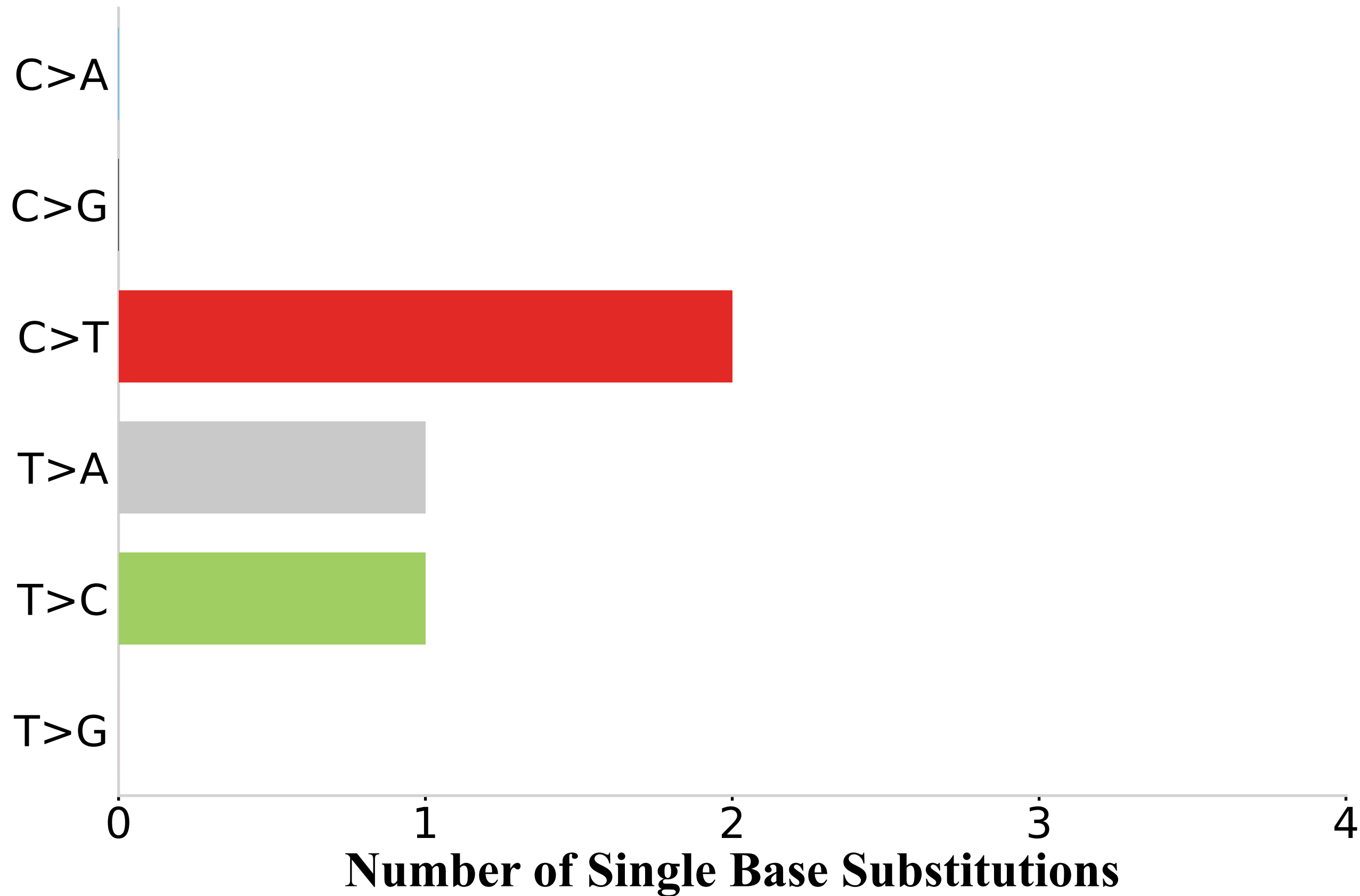
P-0023357-T01-IM6: 4 subs



P-0023402-T01-IM6: 2 subs



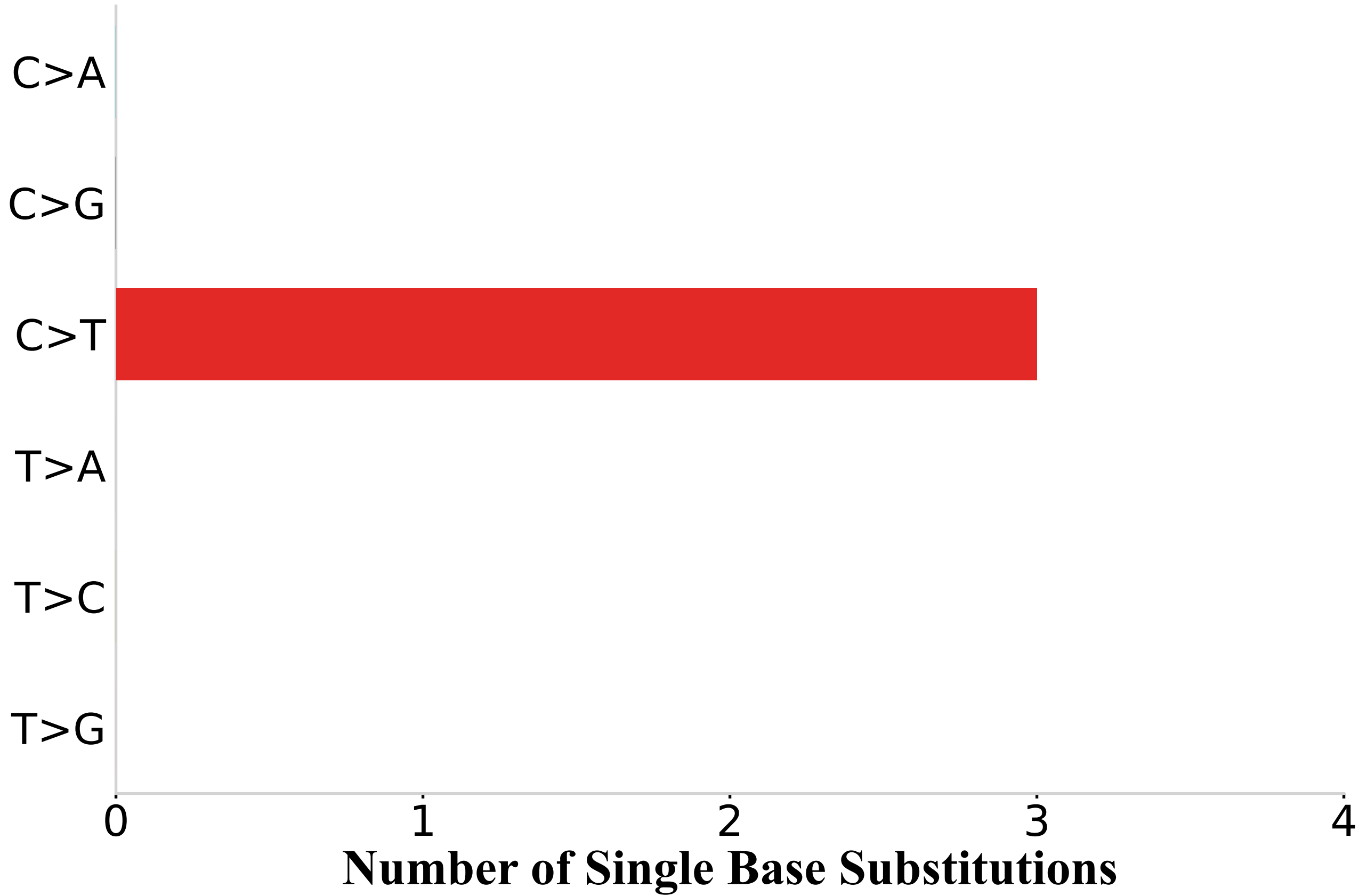
P-0023473-T01-IM6: 4 subs



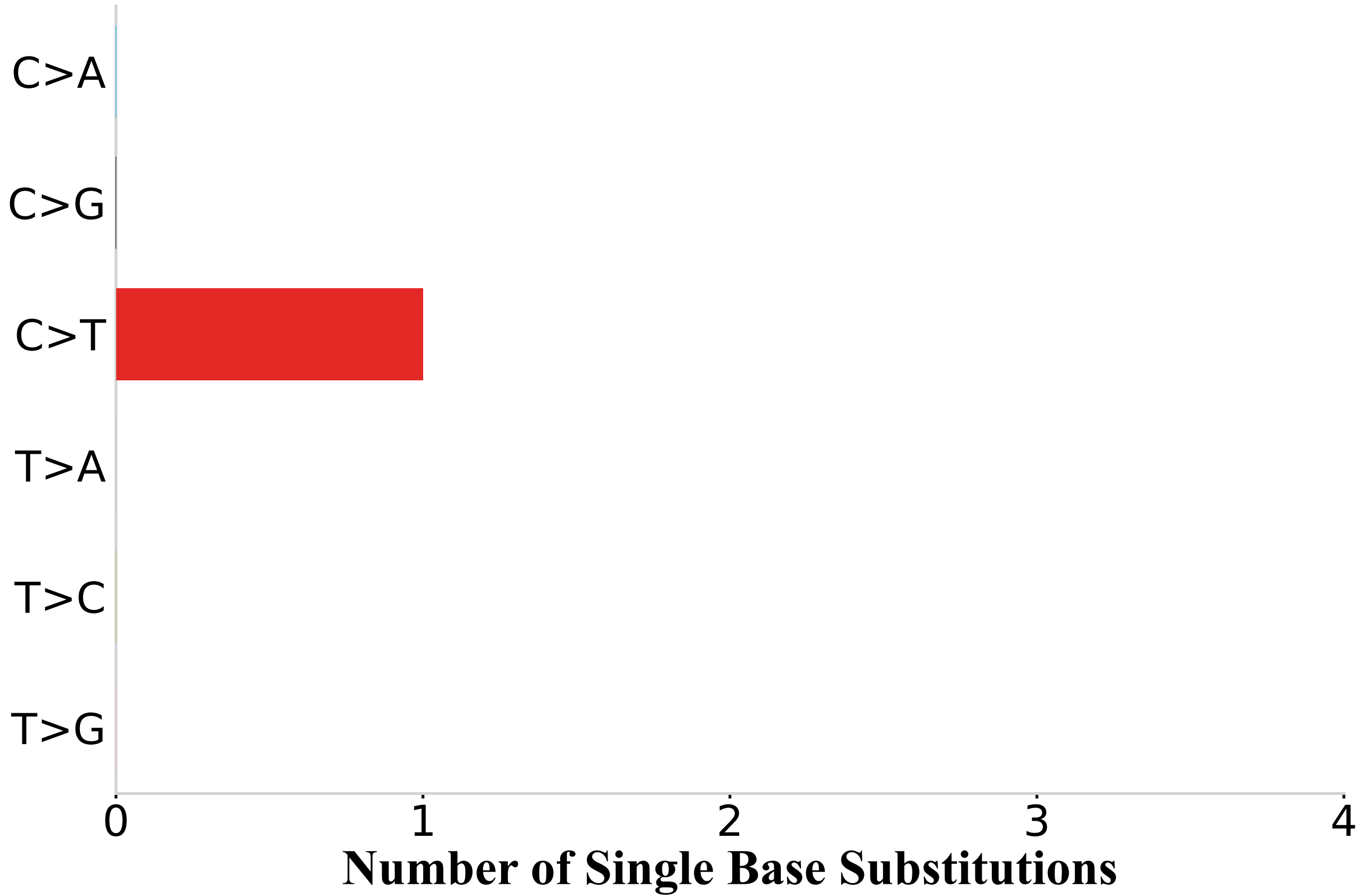
P-0023508-T01-IM6: 5 subs



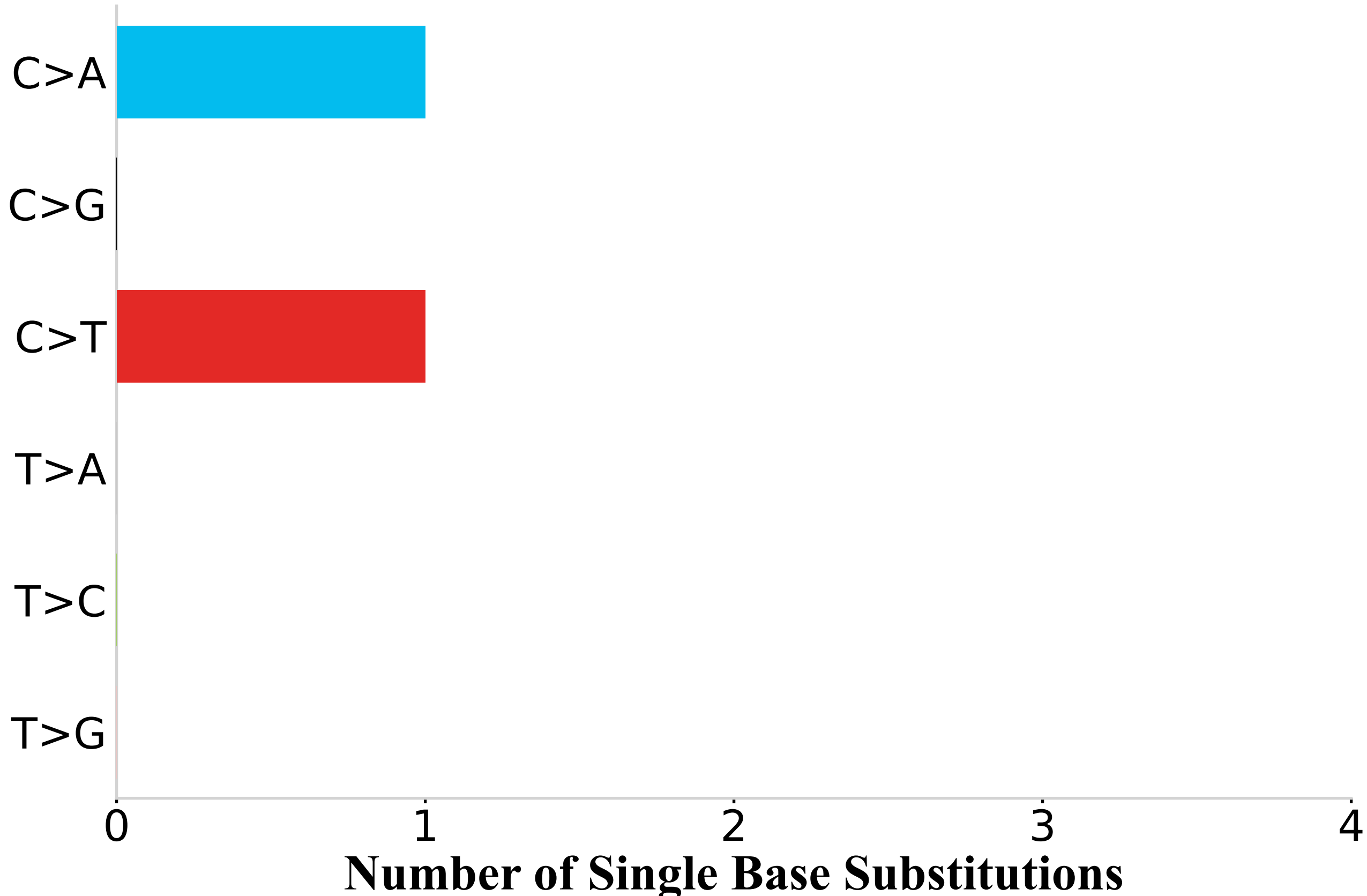
P-0023711-T01-IM6: 3 subs



P-0023836-T01-IM6: 1 subs



P-0023845-T01-IM6: 2 subs



P-0023867-T01-IM6: 0 subs

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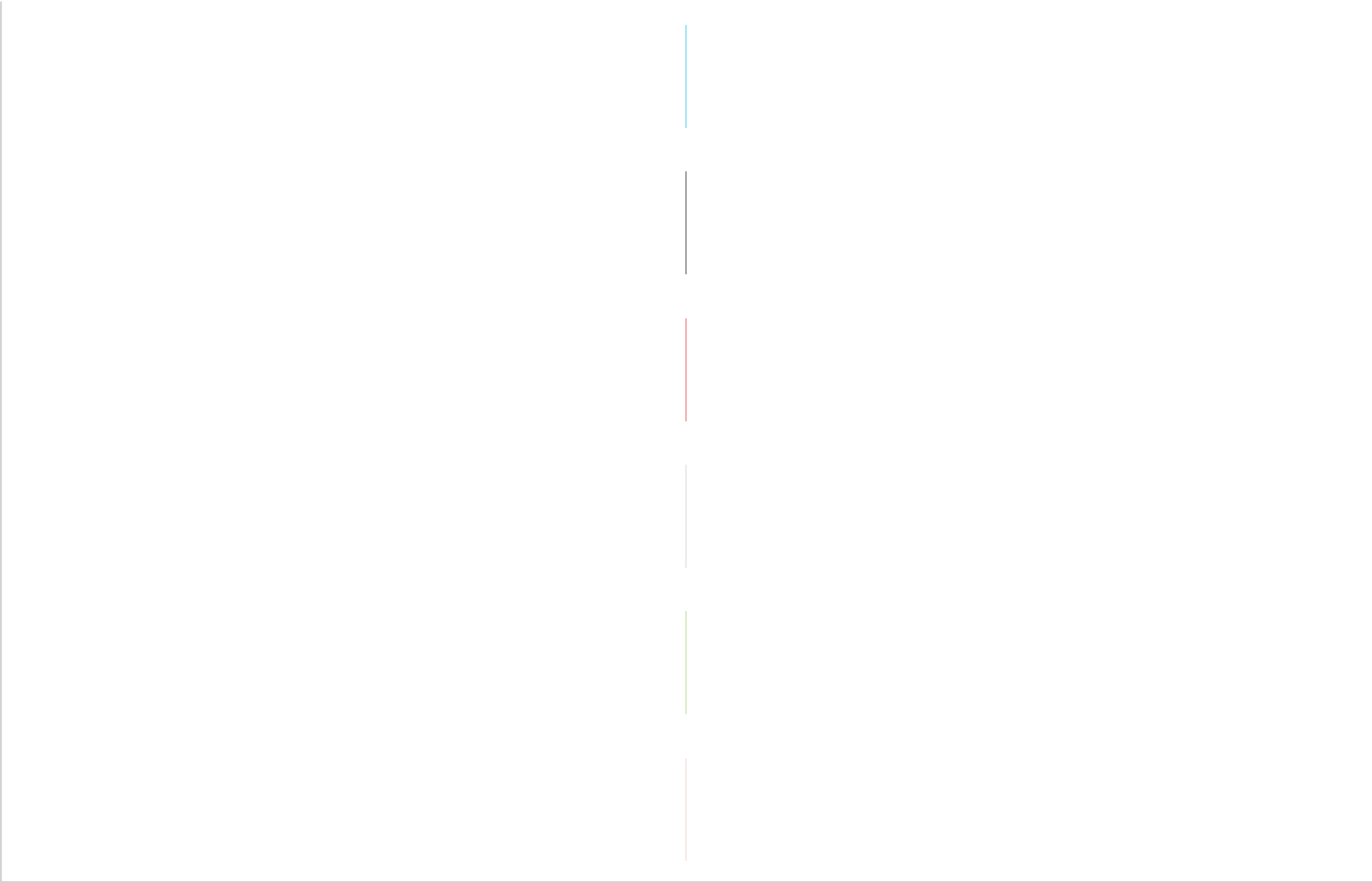
T>A

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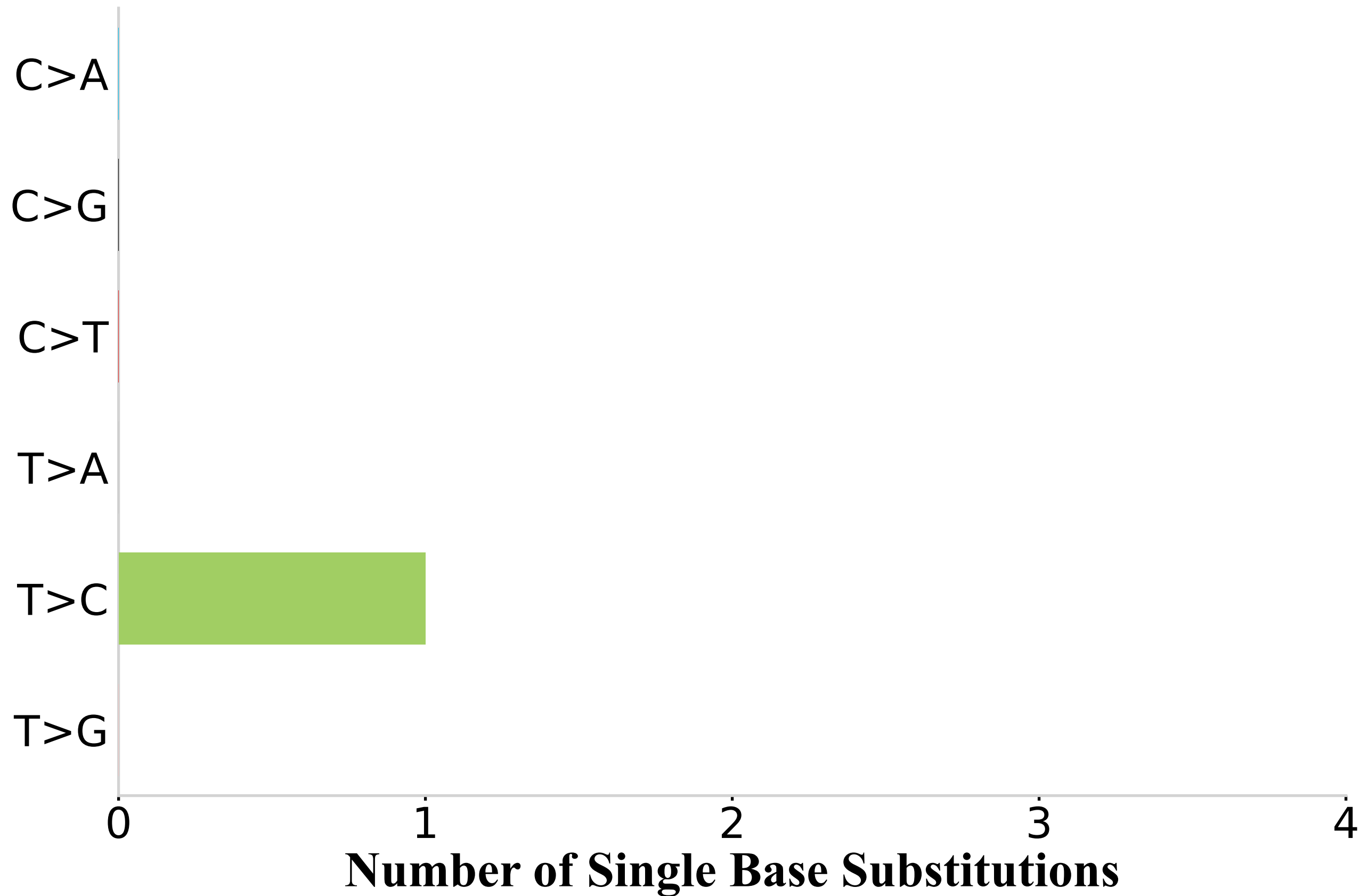
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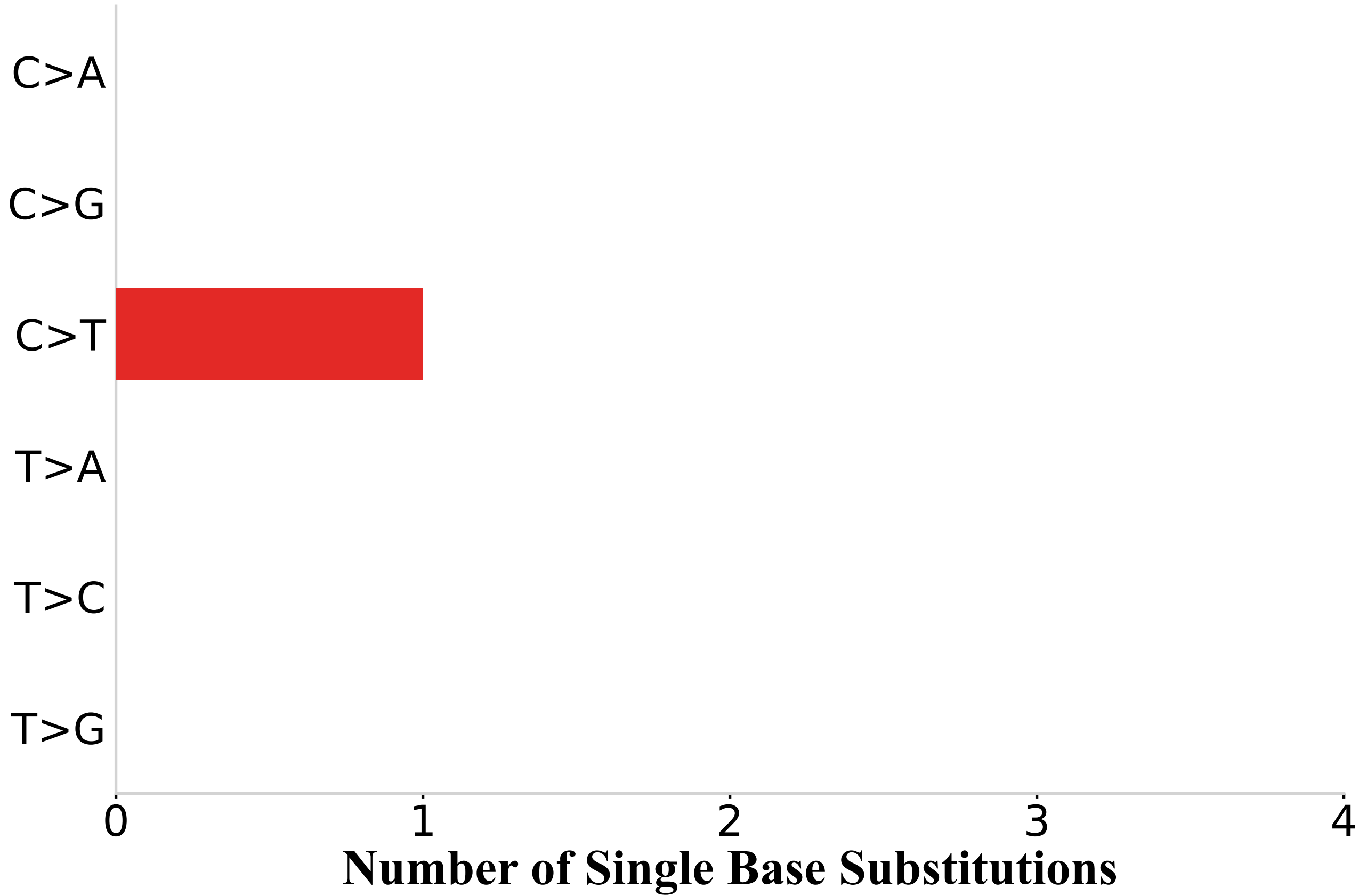
Number of Single Base Substitutions



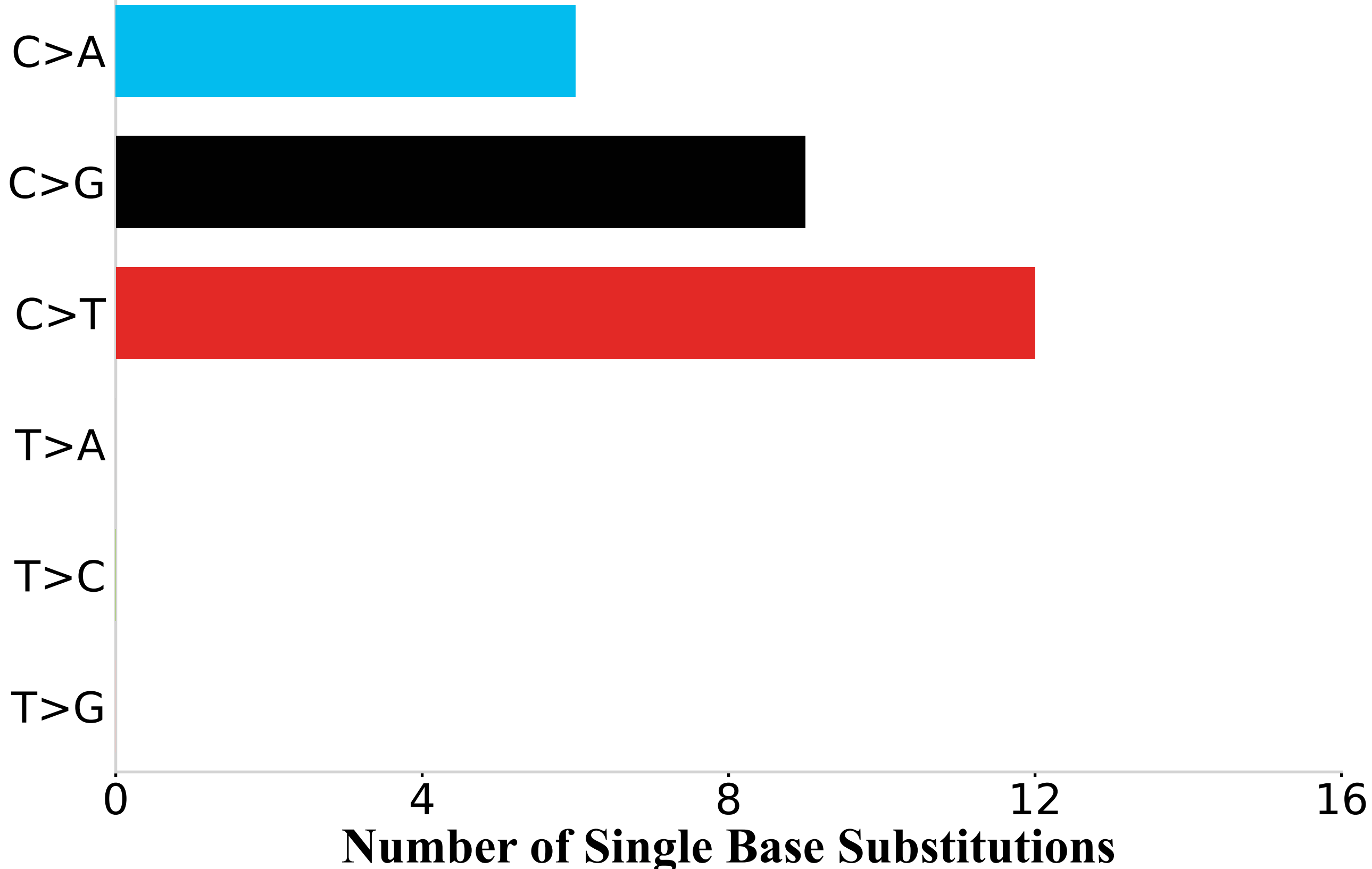
P-0023876-T01-IM6: 1 subs



P-0023911-T01-IM6: 1 subs



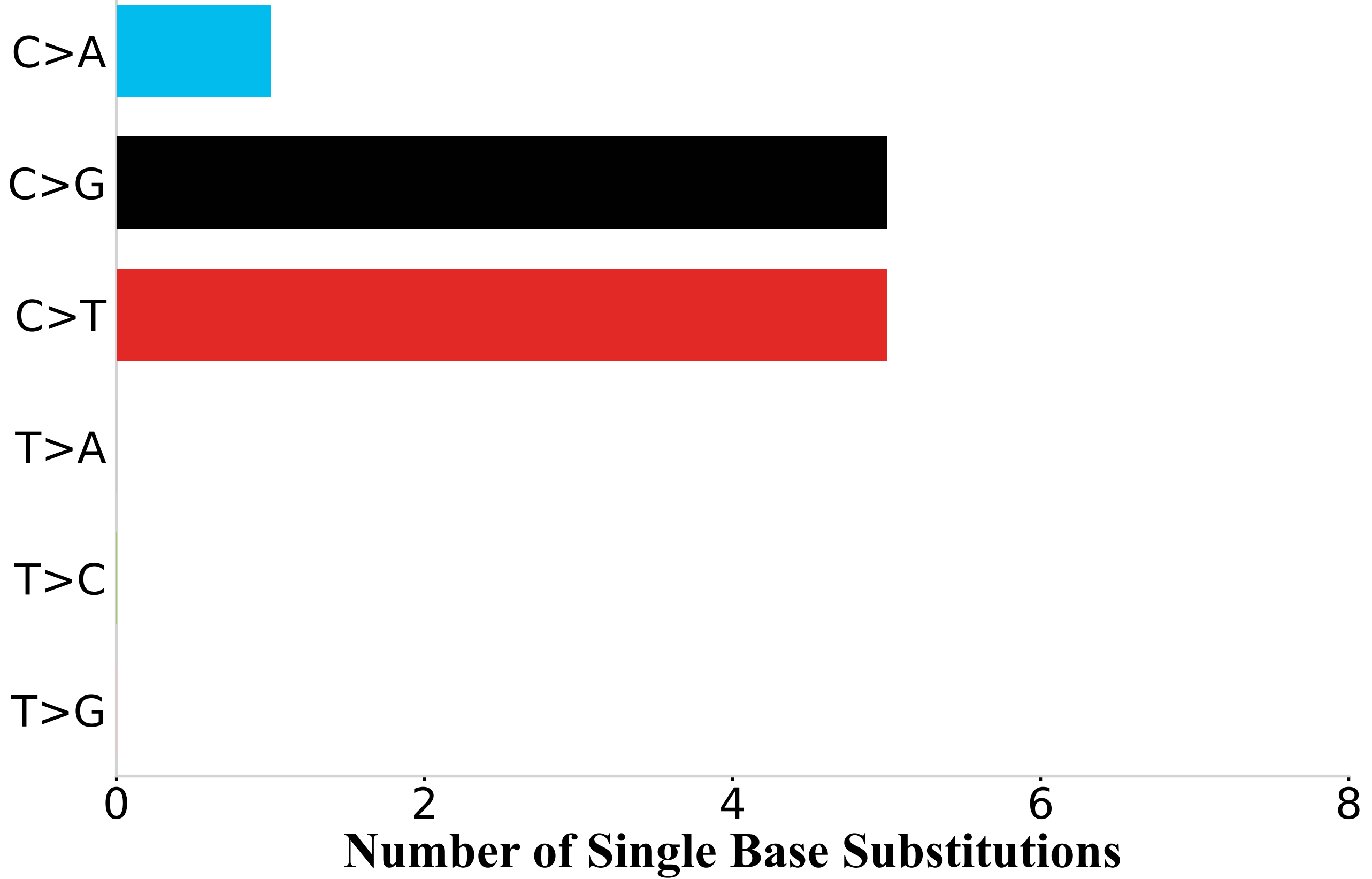
P-0023946-T02-IM6: 27 subs



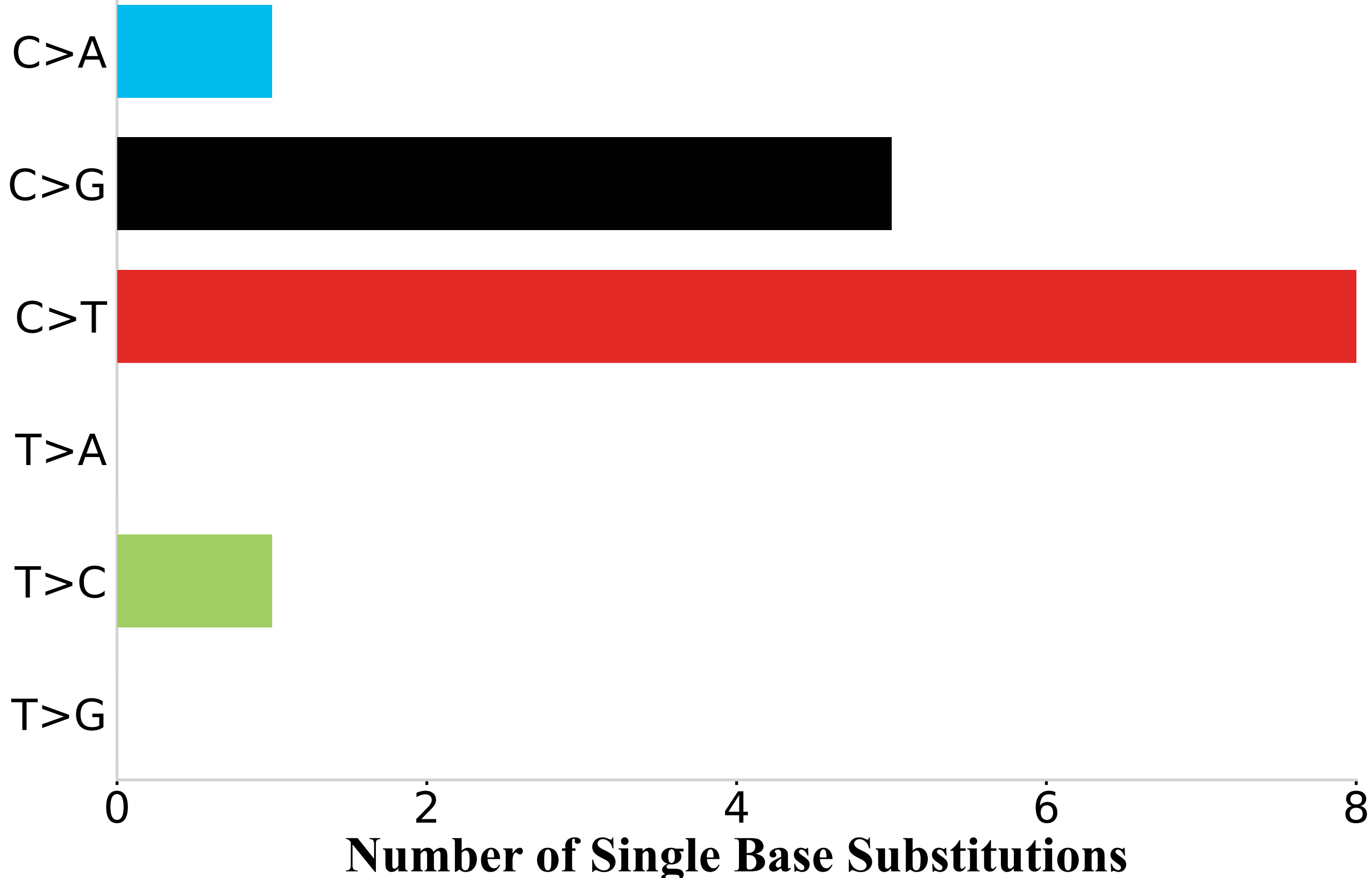
P-0024096-T01-IM6: 1 subs



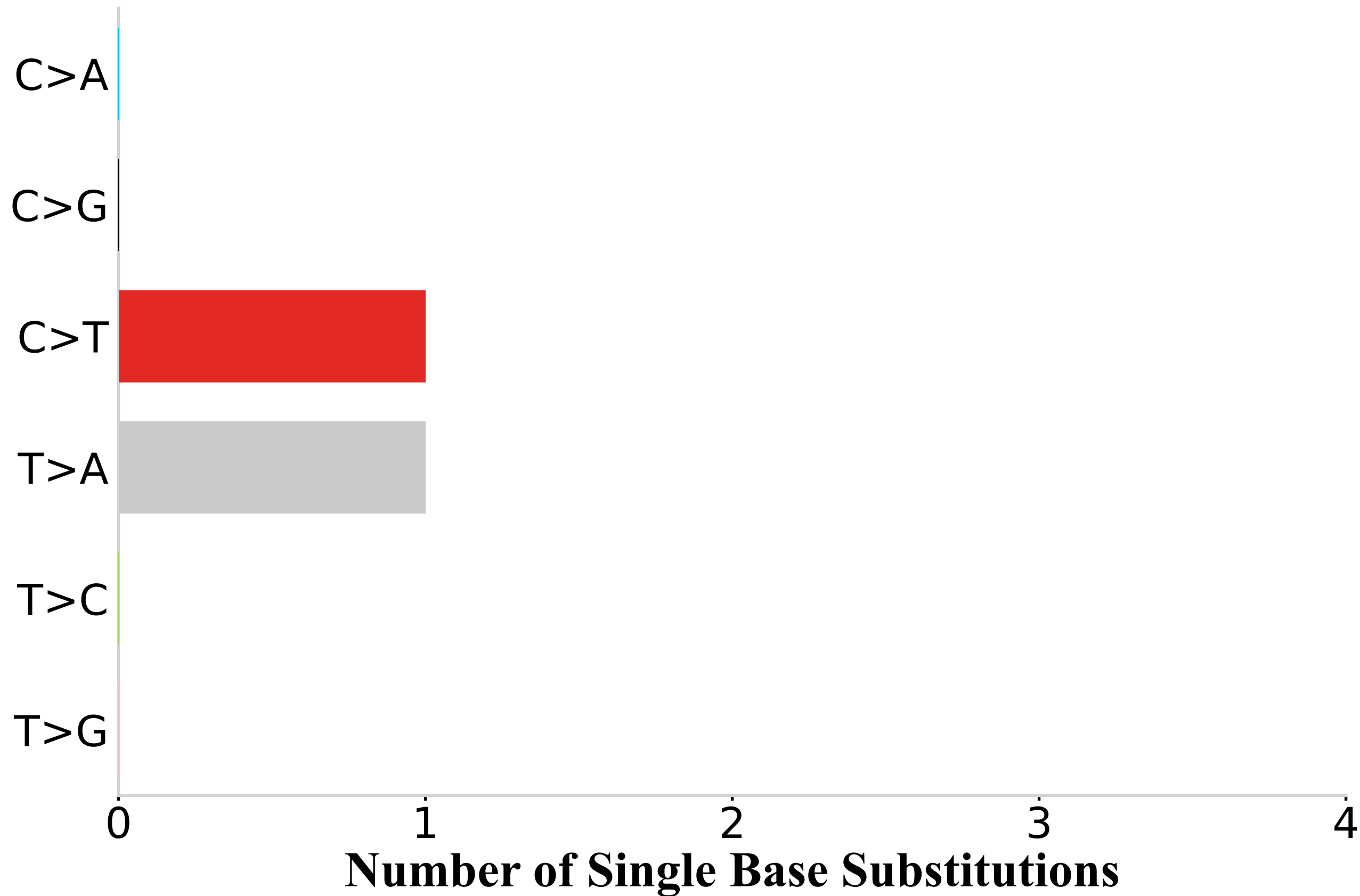
P-0024324-T01-IM6: 11 subs



P-0024574-T01-IM6: 15 subs



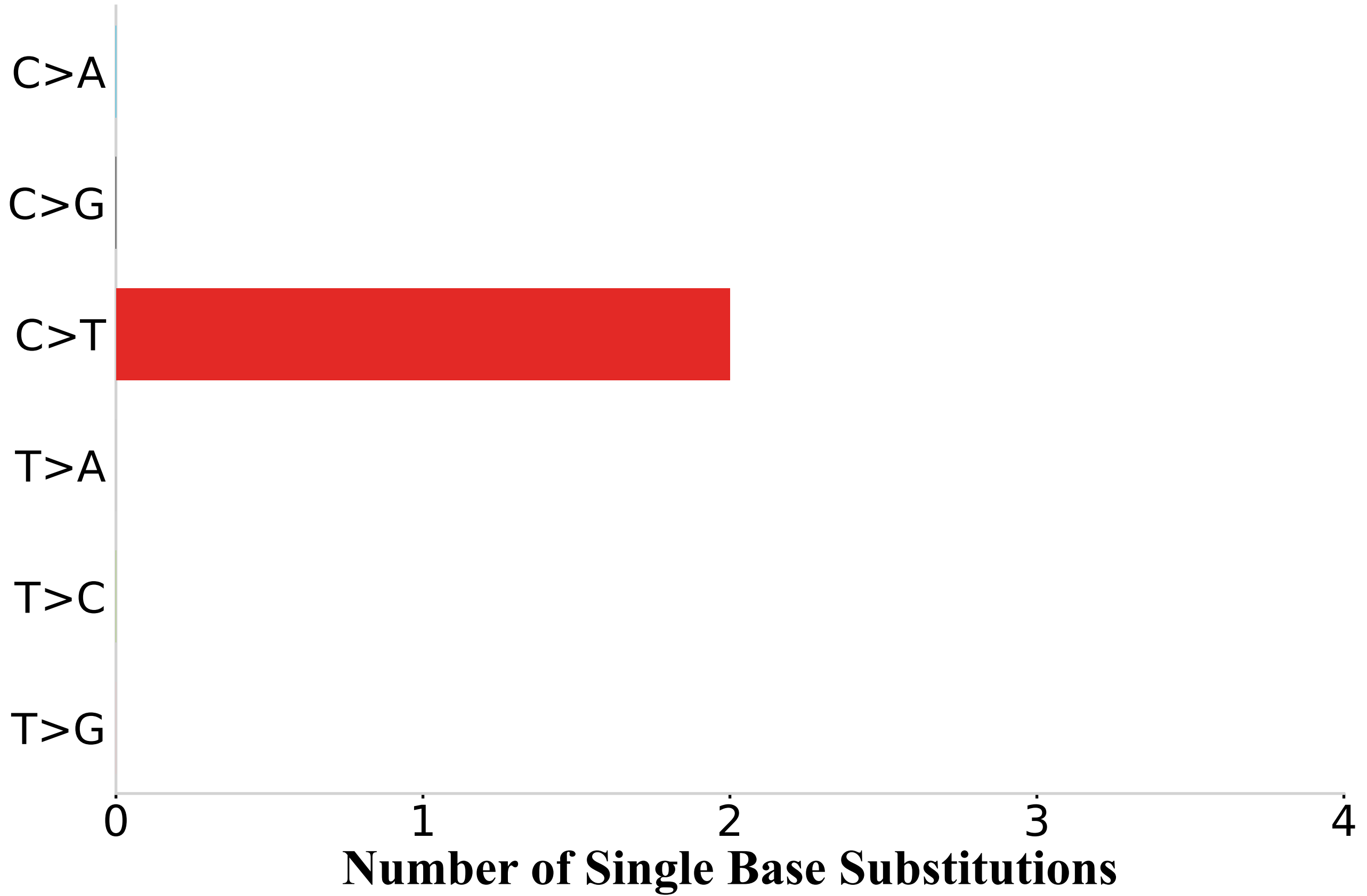
P-0024578-T01-IM6: 2 subs



P-0024631-T01-IM6: 1 subs



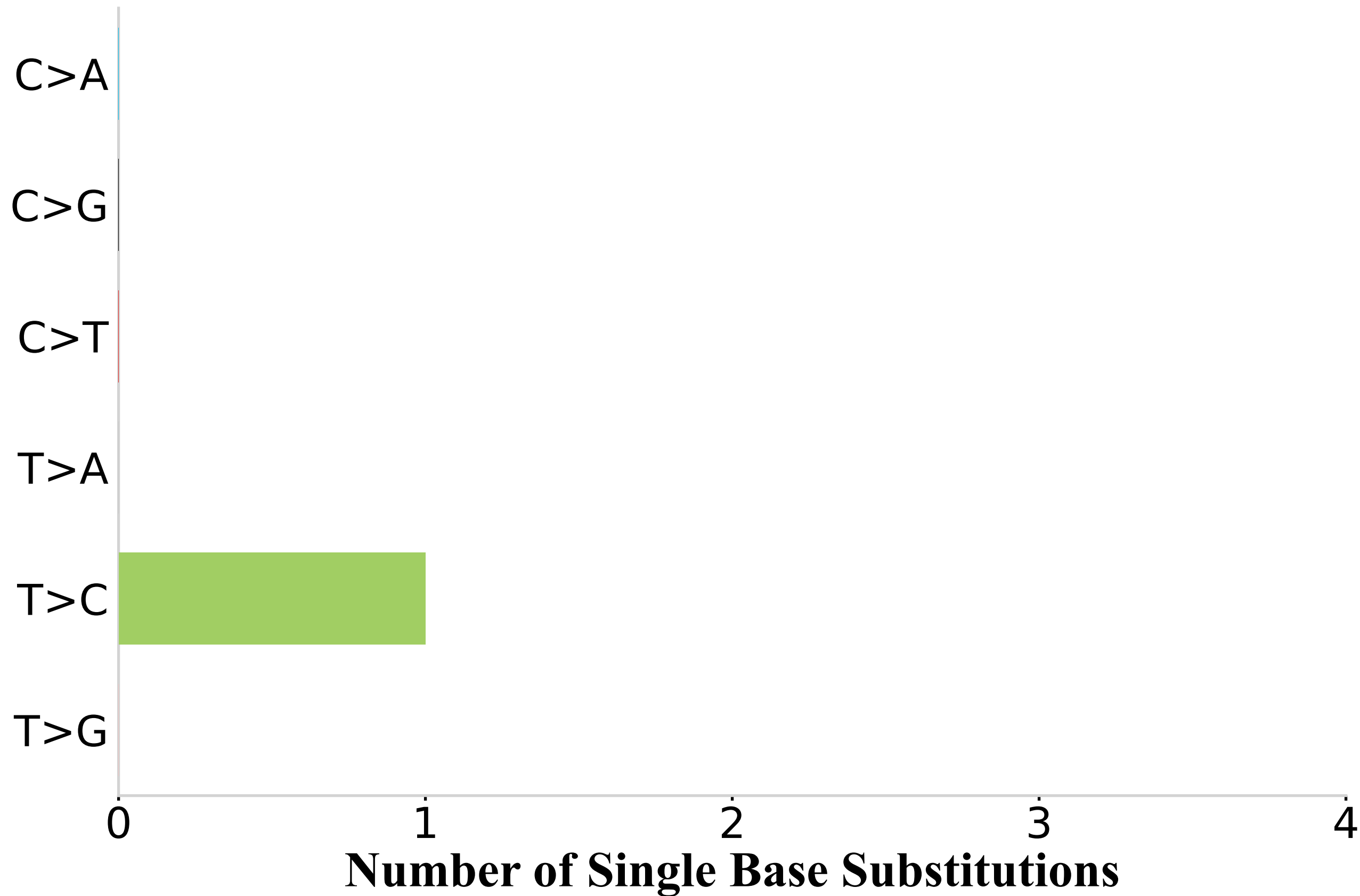
P-0024773-T01-IM6: 2 subs



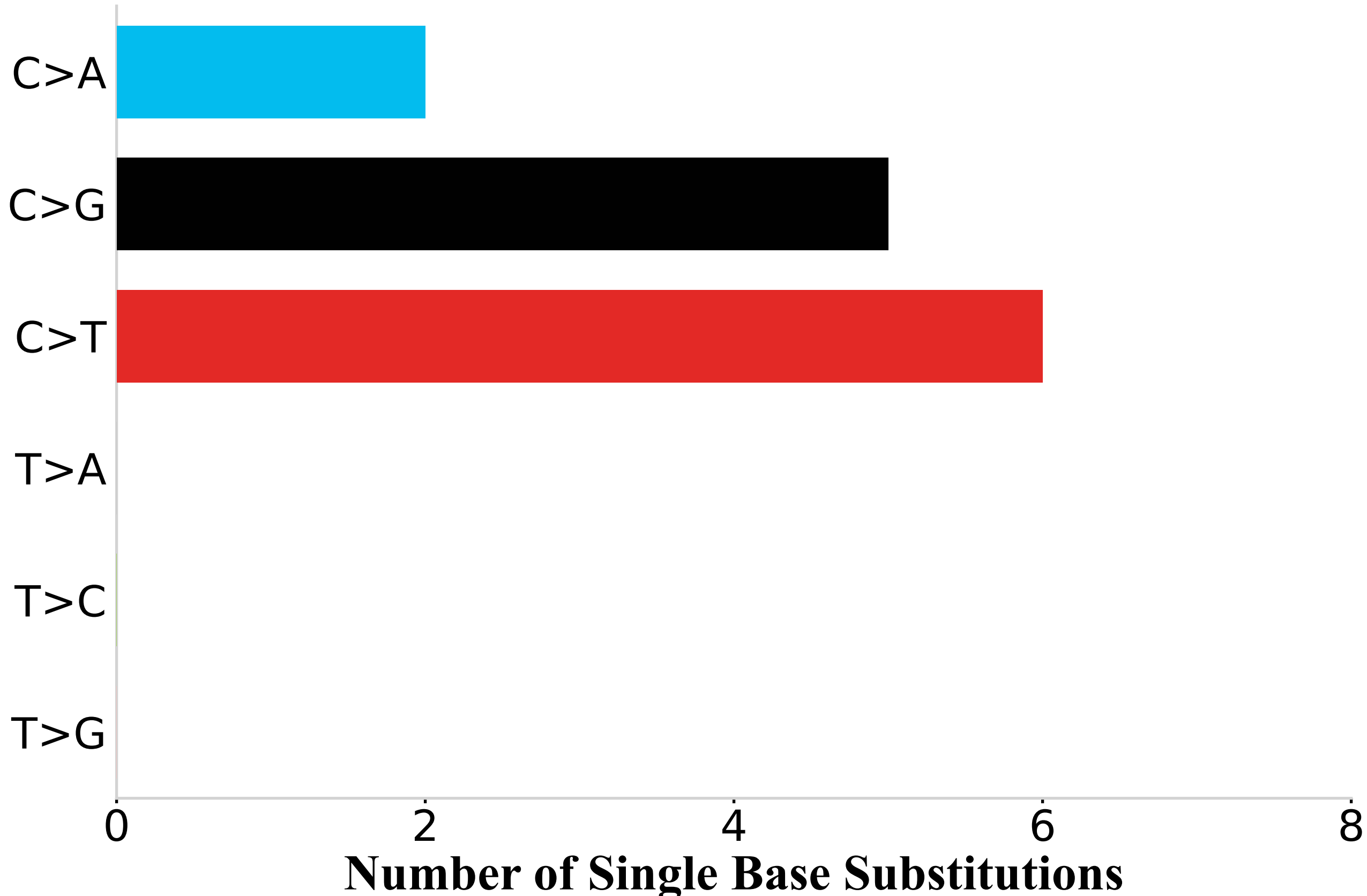
P-0024899-T01-IM6: 1 subs



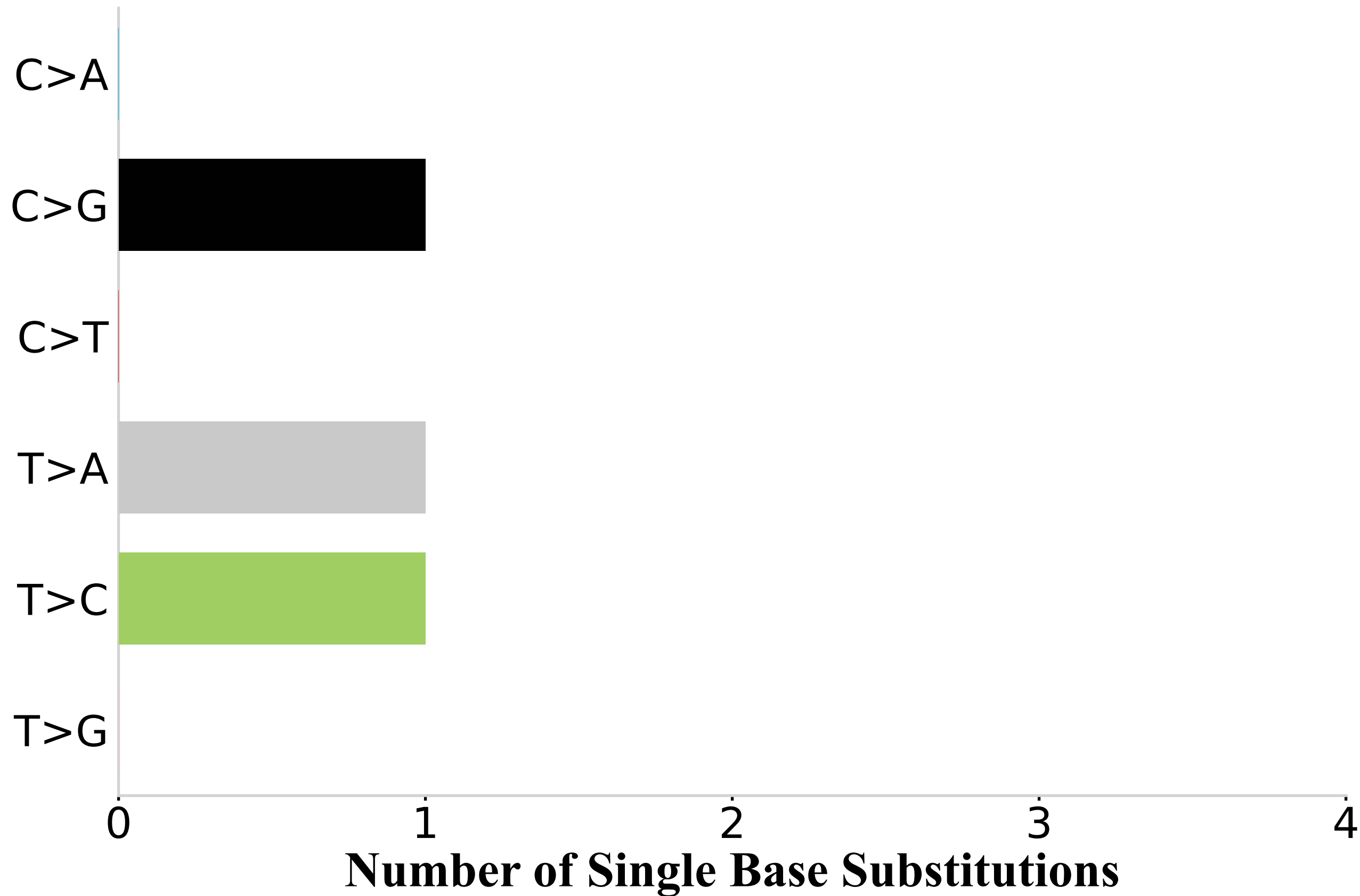
P-0024979-T01-IM6: 1 subs



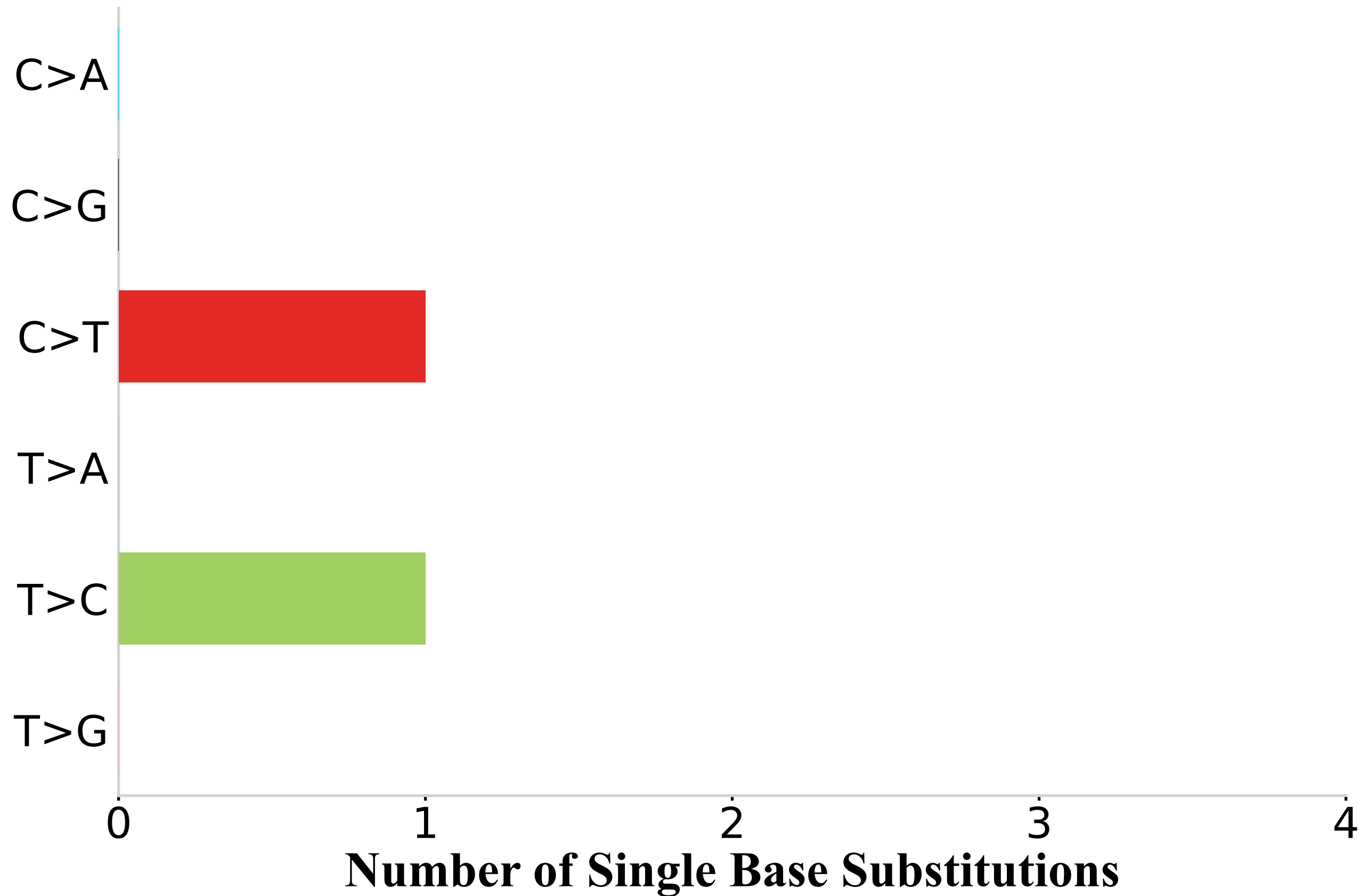
P-0025206-T02-IM6: 13 subs



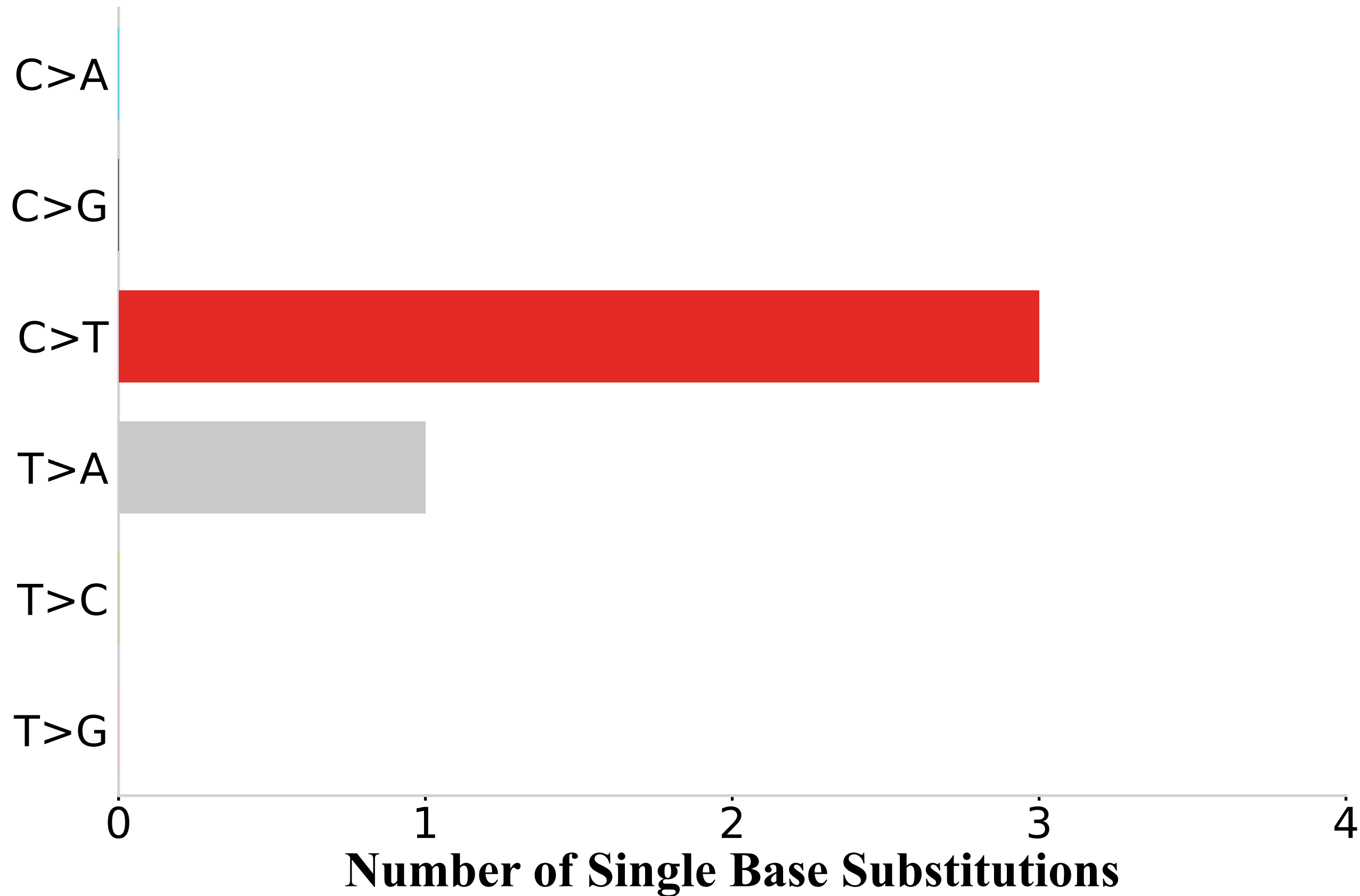
P-0025349-T03-IM6: 3 subs



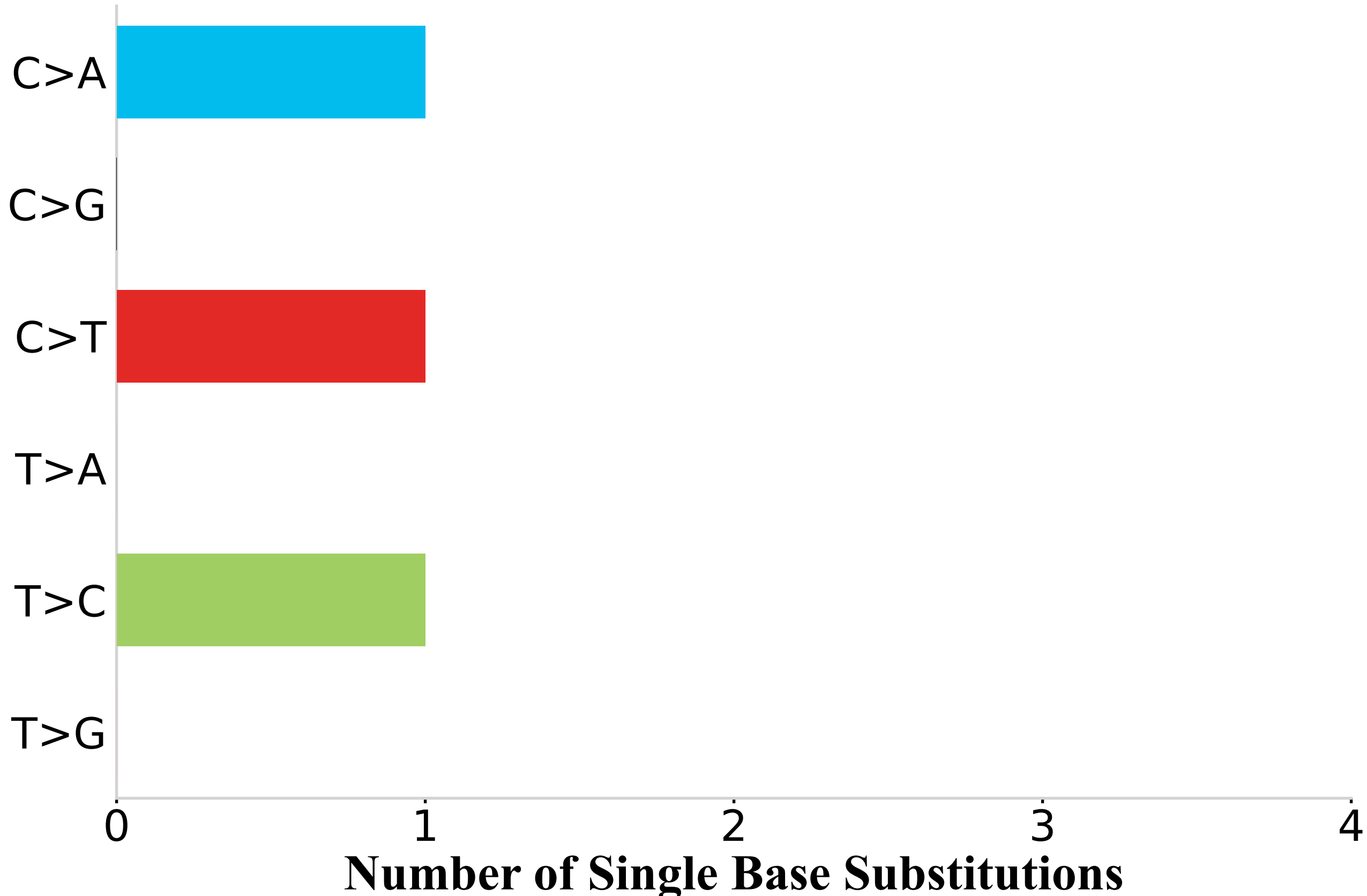
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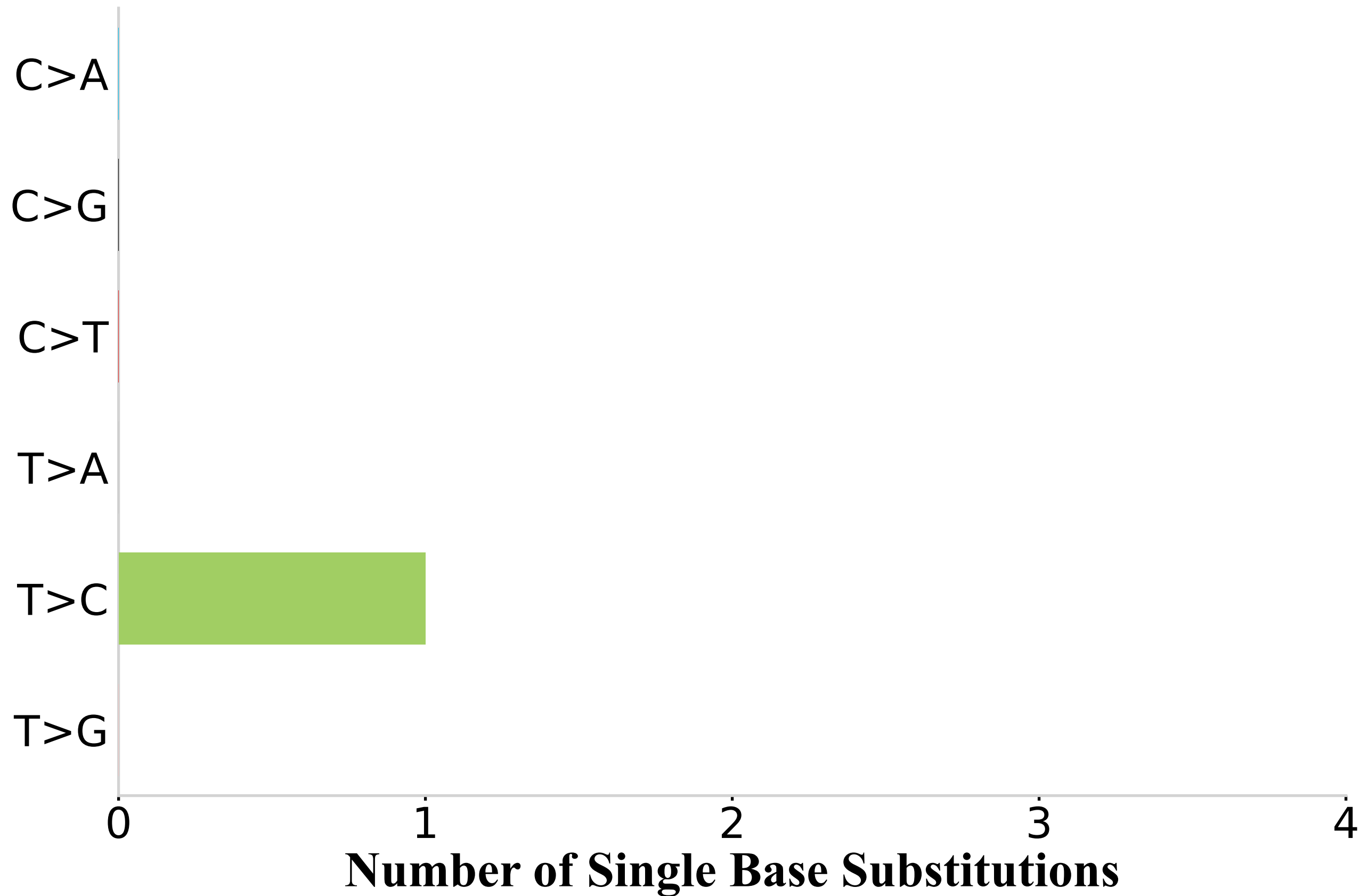
P-0025636-T02-IM6: 4 subs



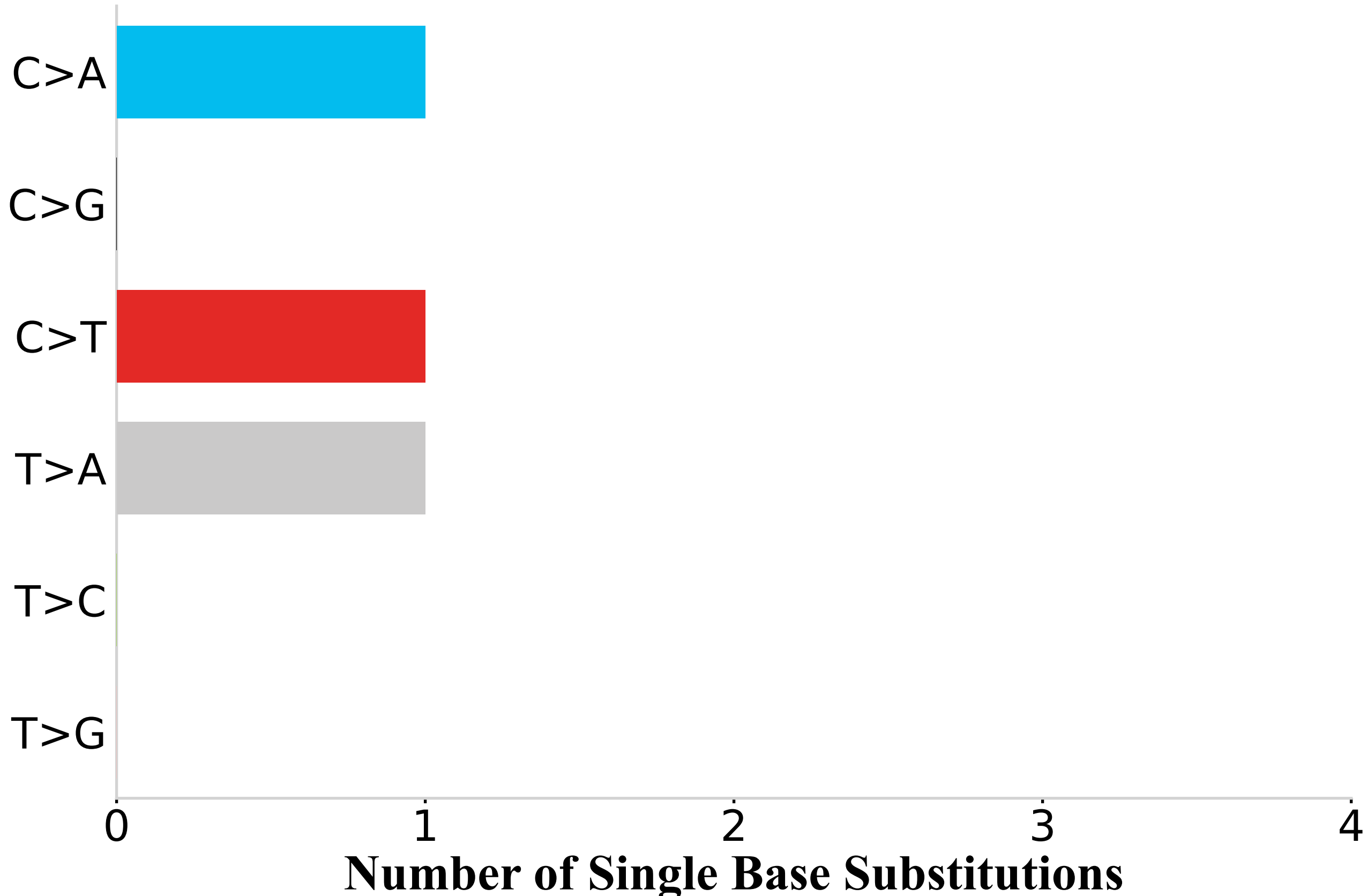
P-0025775-T01-IM6: 3 subs



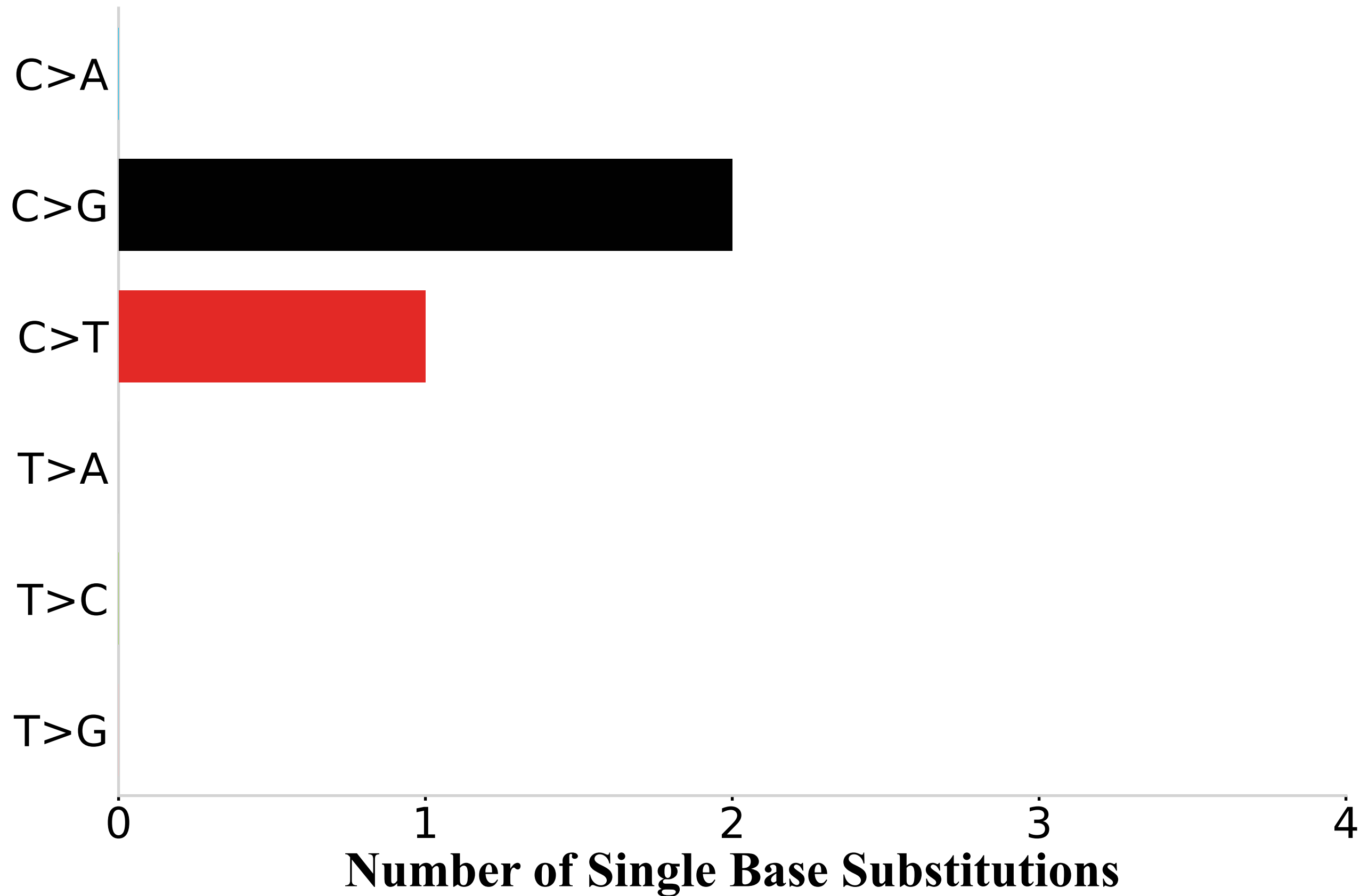
P-0025879-T01-IM6: 1 subs



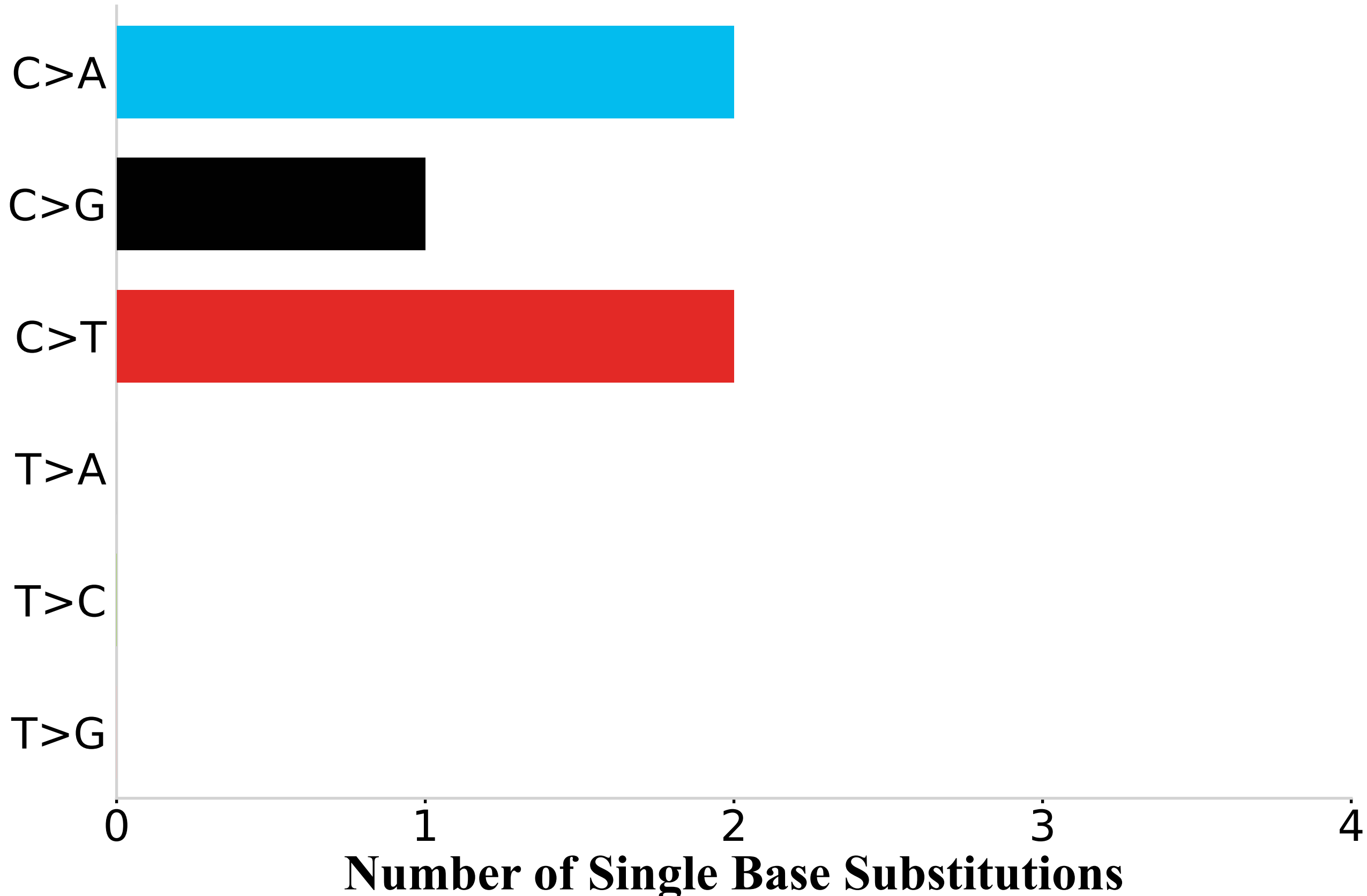
P-0026012-T01-IM6: 3 subs



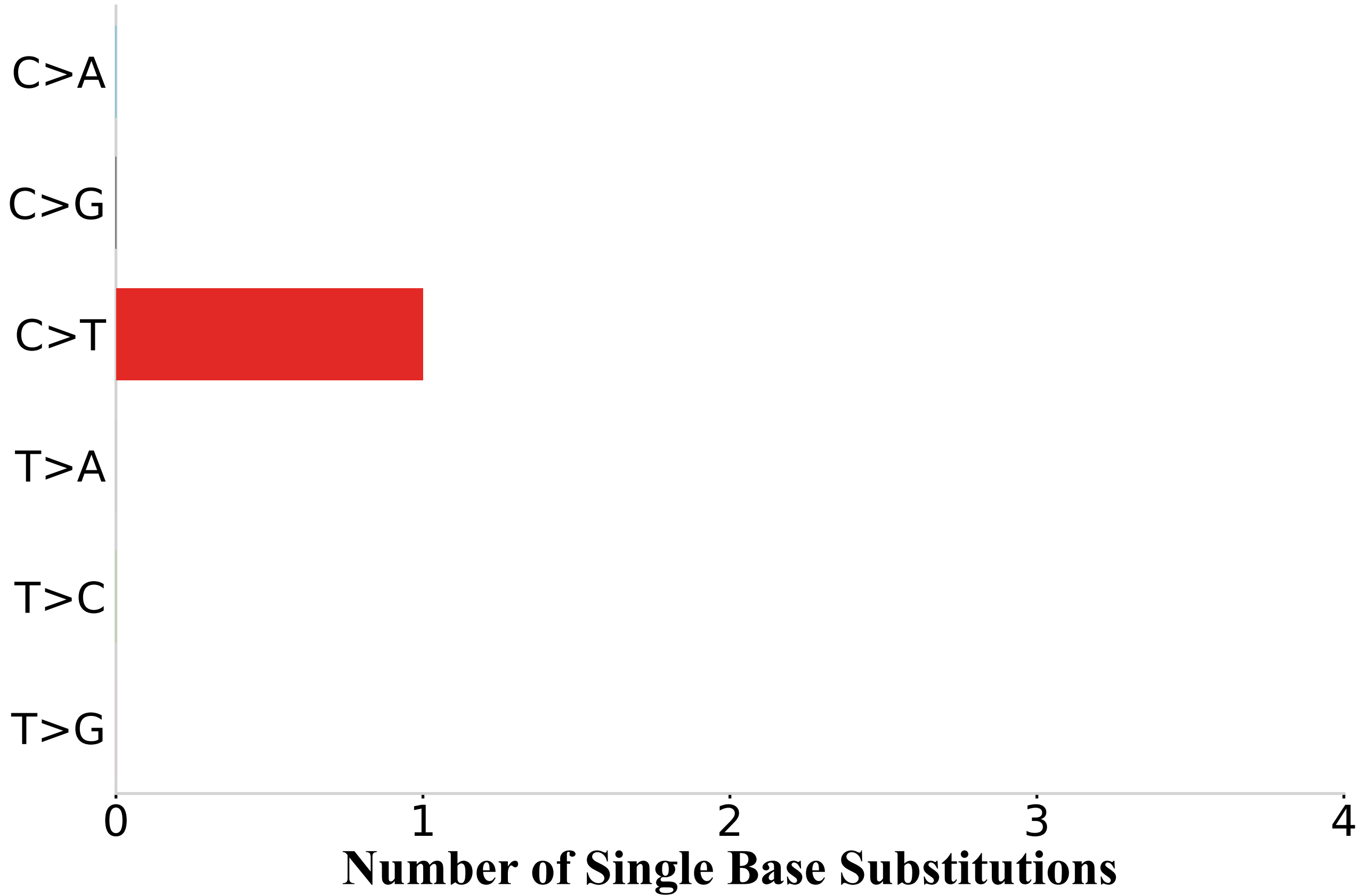
P-0026032-T01-IM6: 3 subs



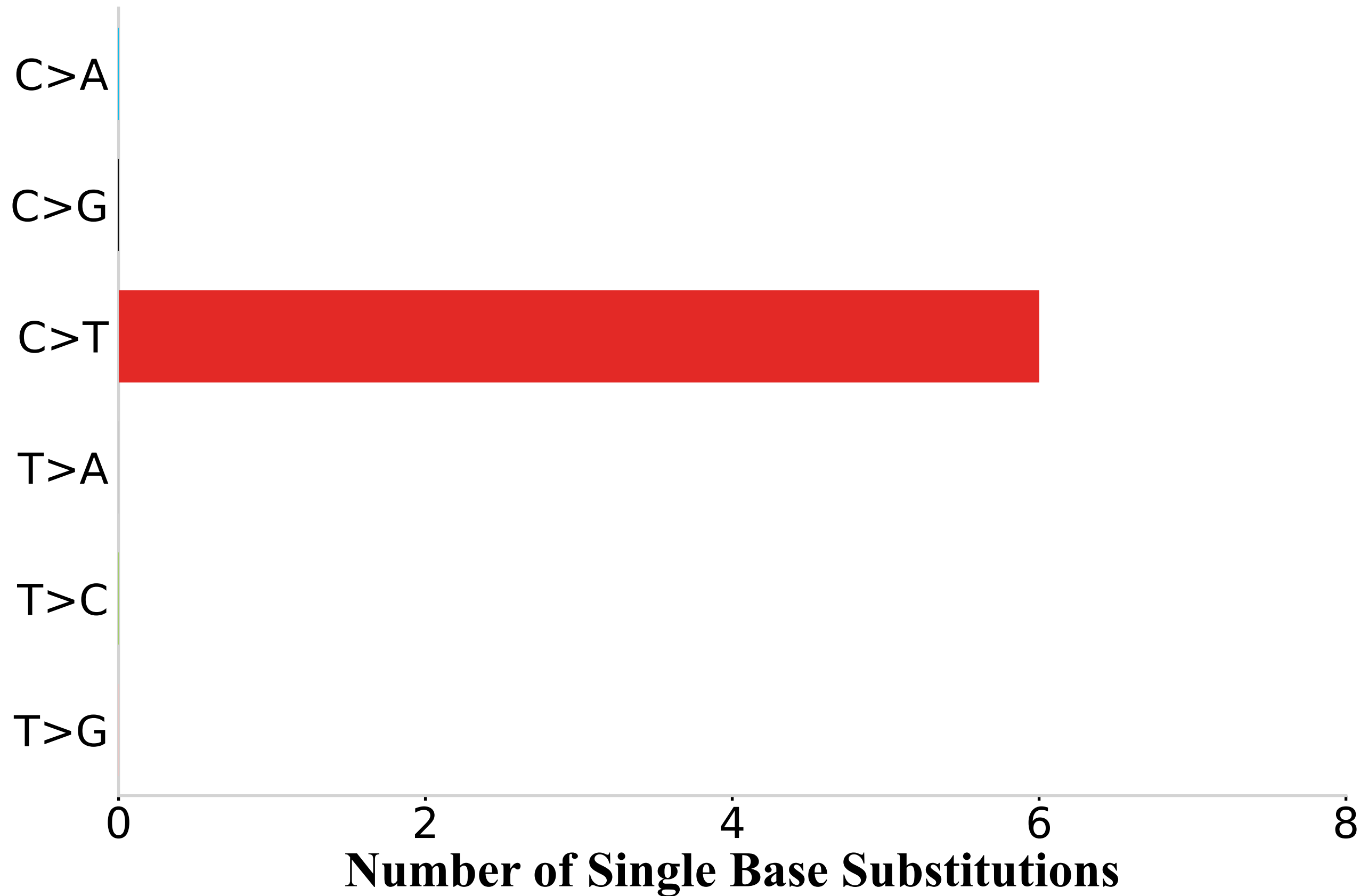
P-0026055-T01-IM6: 5 subs



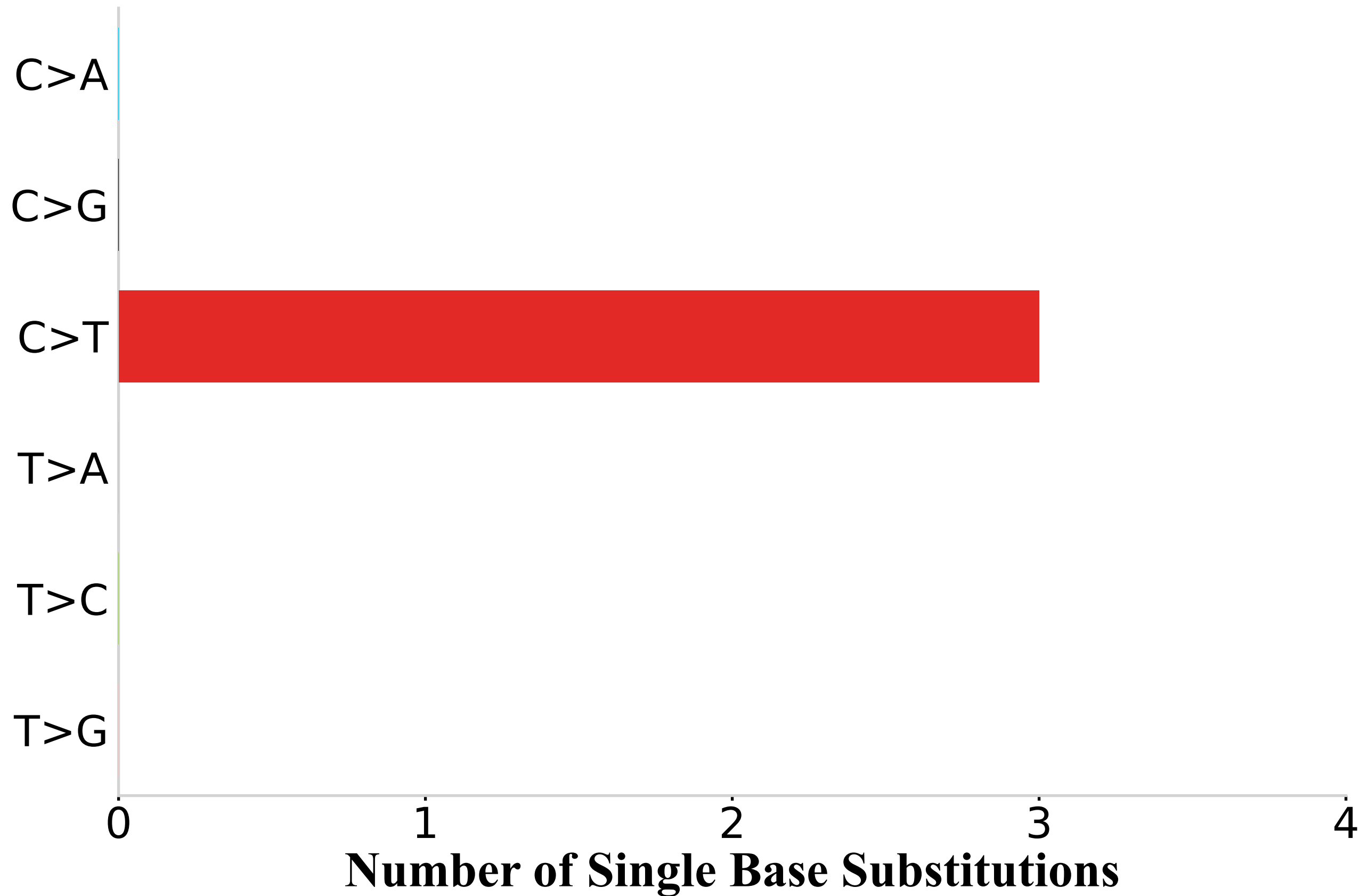
P-0026113-T01-IM6: 1 subs



P-0026261-T01-IM6: 6 subs



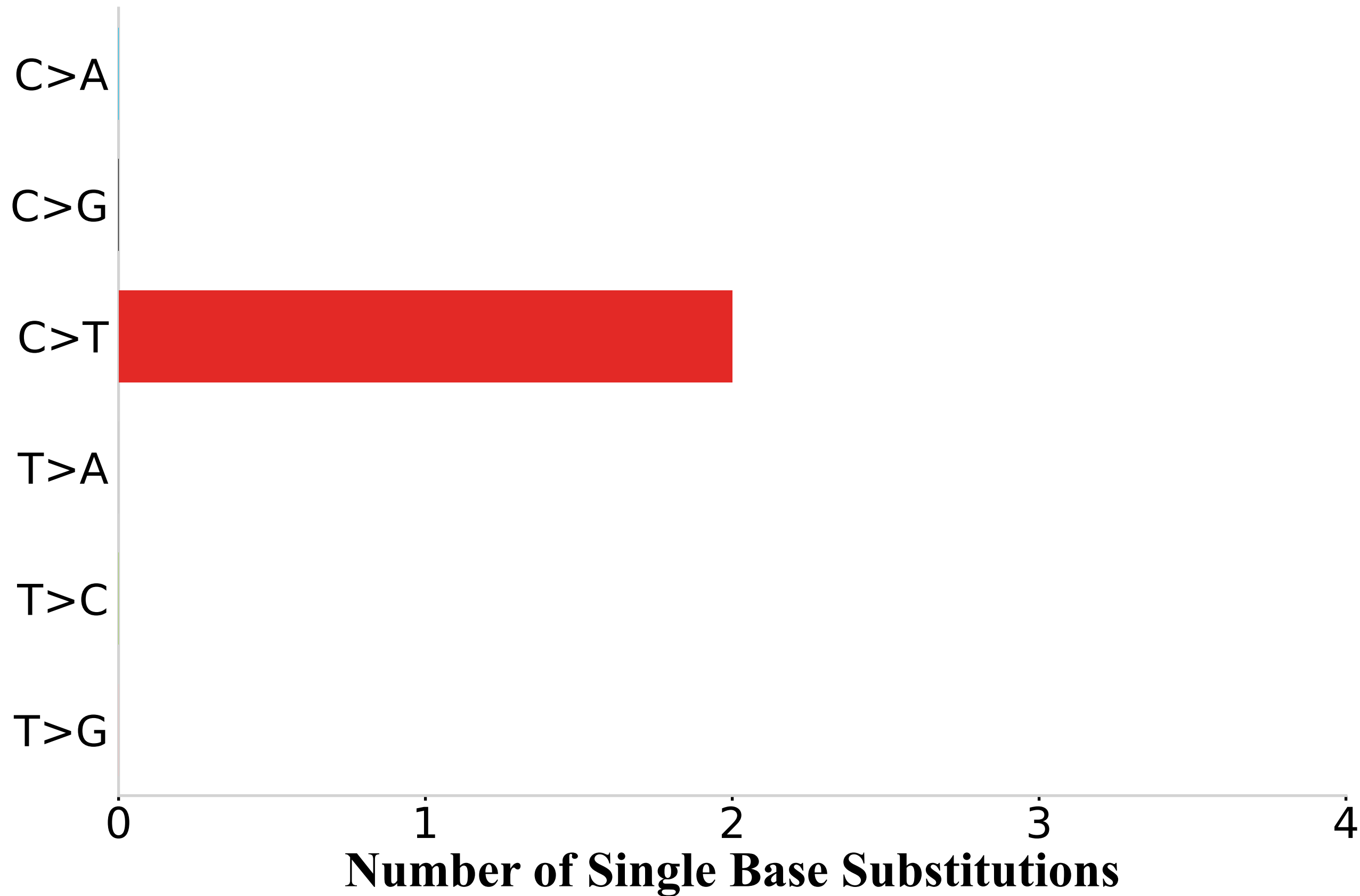
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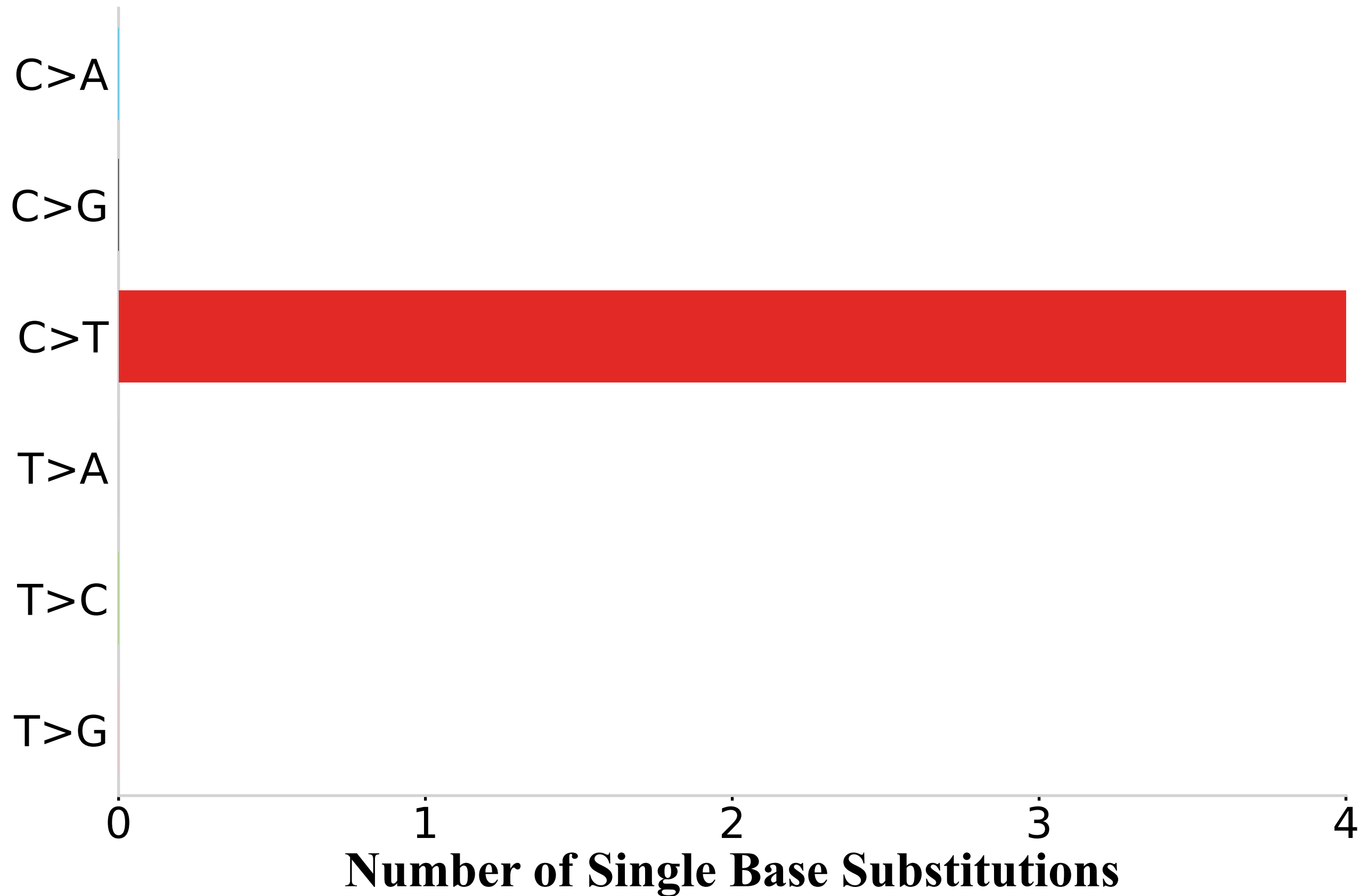
P-0026615-T02-IM6: 2 subs



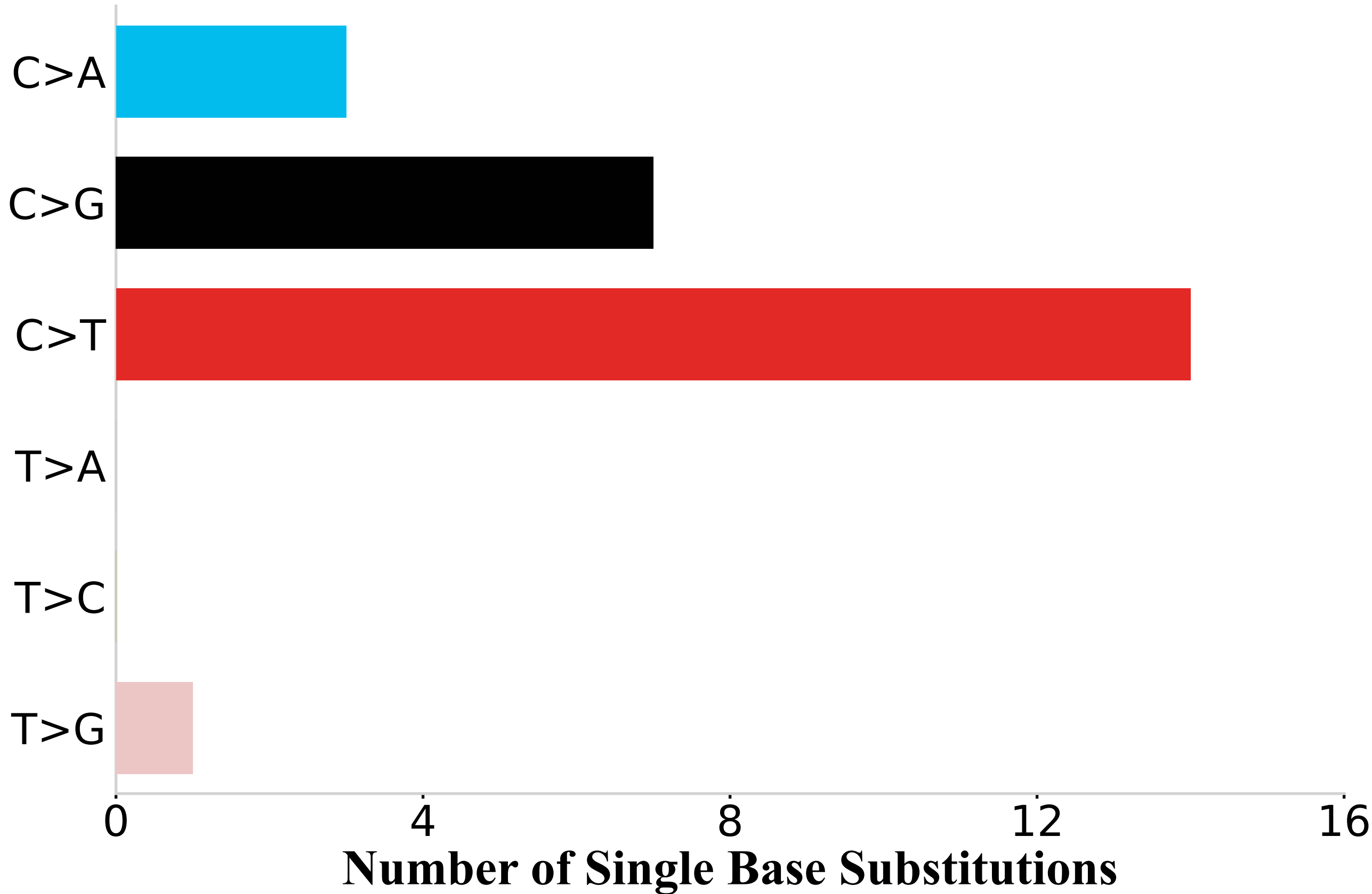
P-0026727-T01-IM6: 2 subs



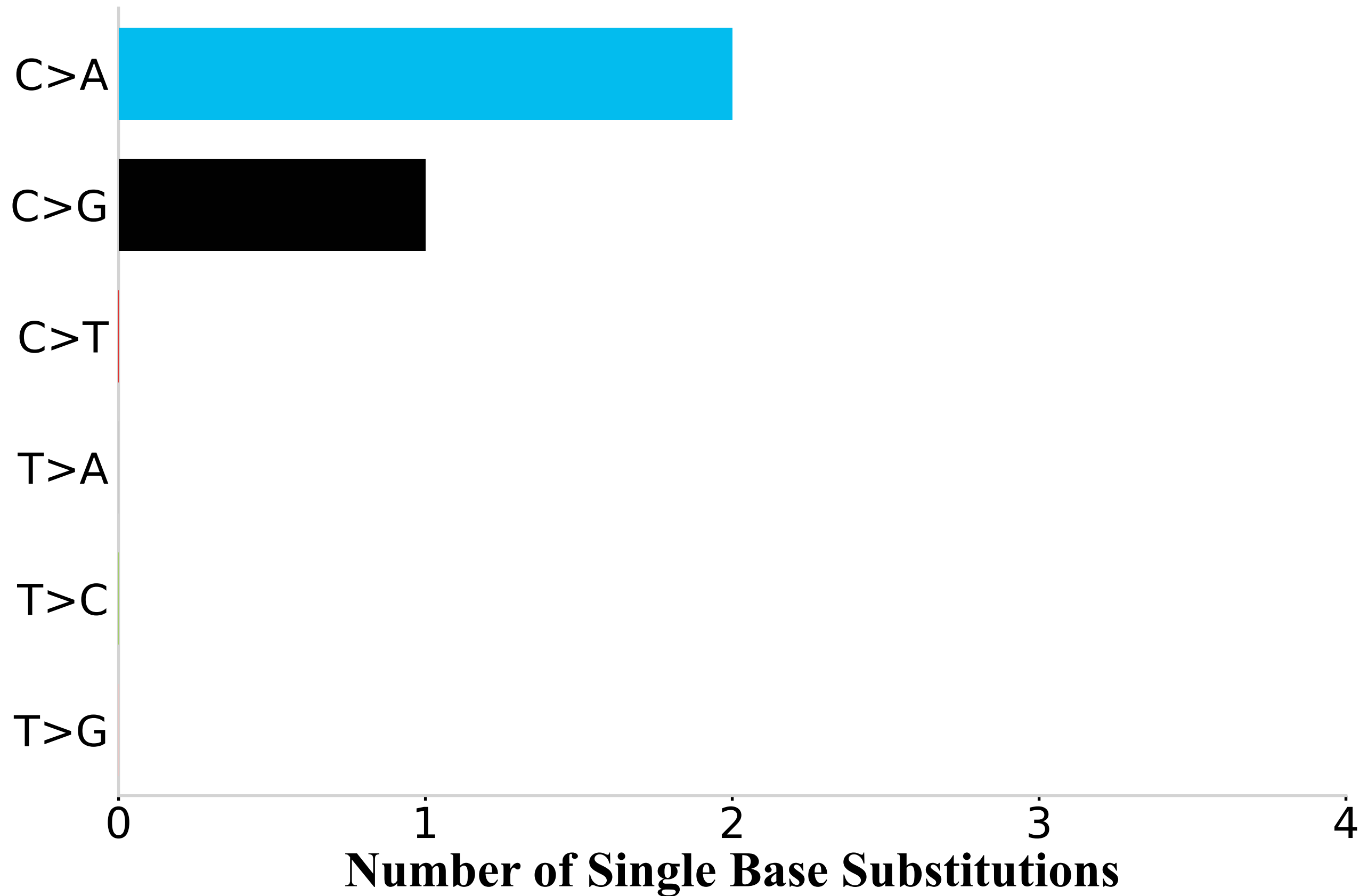
P-0026763-T01-IM6: 4 subs



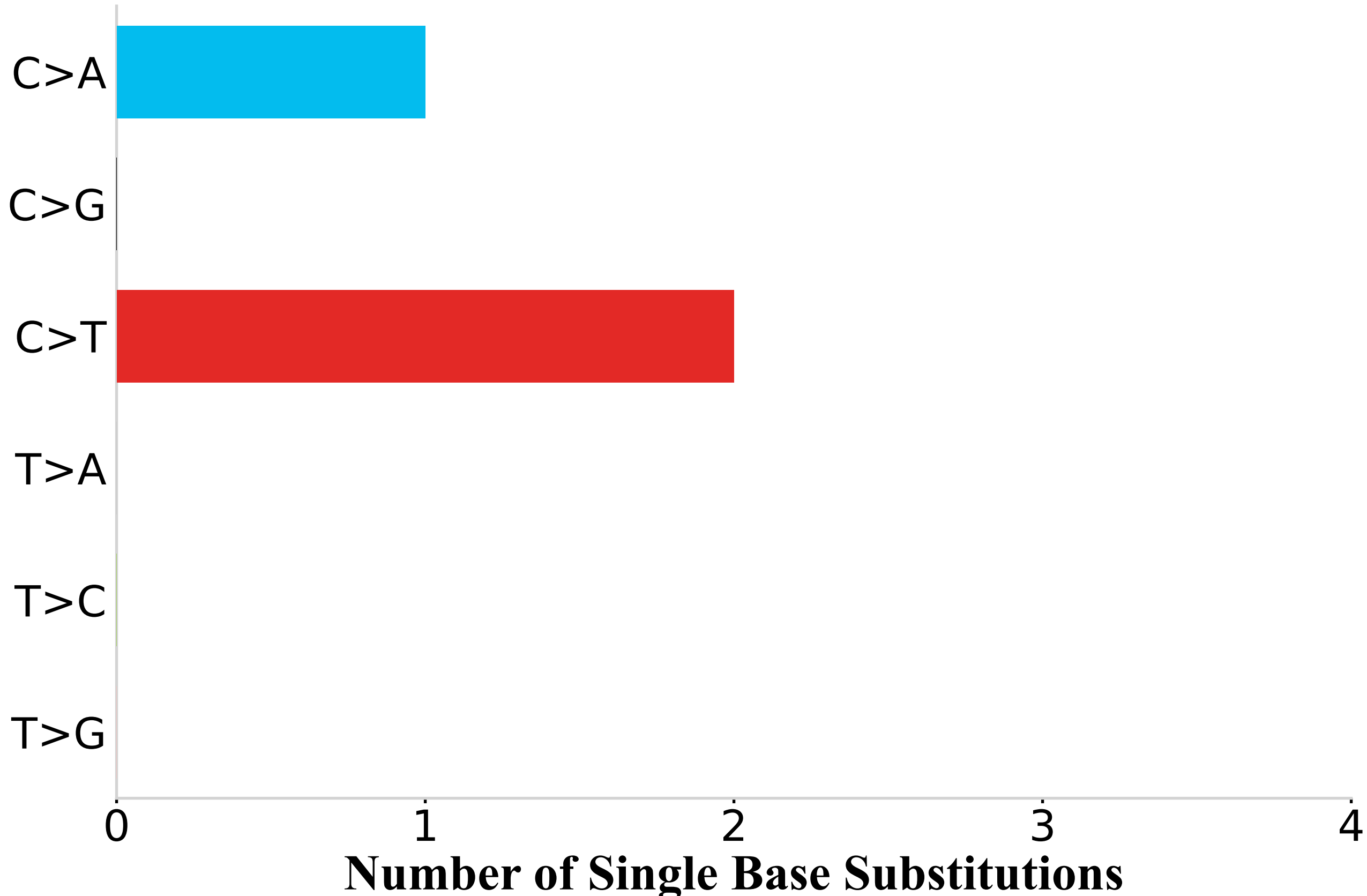
P-0026889-T01-IM6: 25 subs



P-0027208-T01-IM6: 3 subs



P-0027256-T01-IM6: 3 subs



P-0027344-T01-IM6: 0 subs

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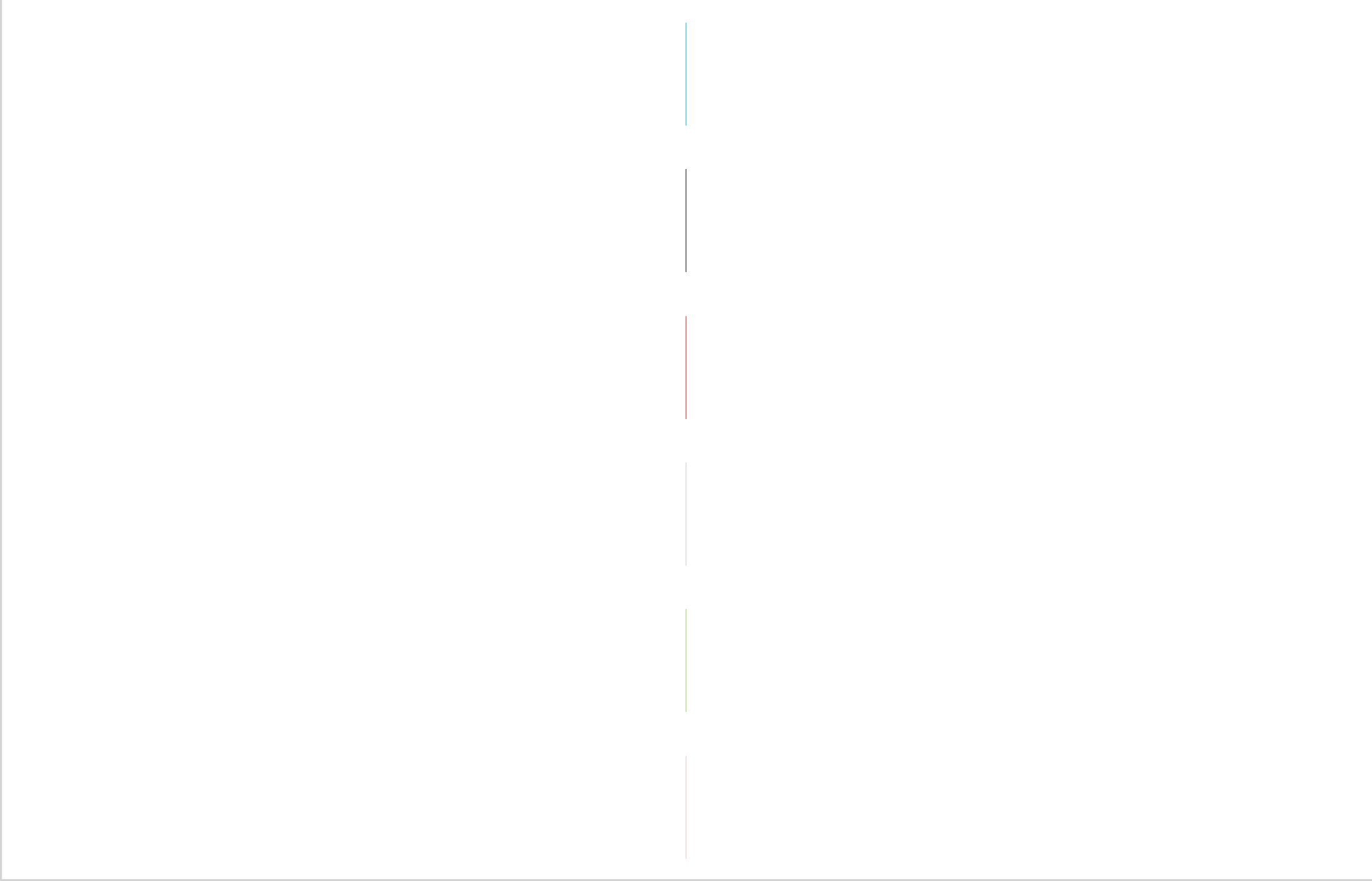
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Number of Single Base Substitutions



P-0027357-T01-IM6: 5 subs

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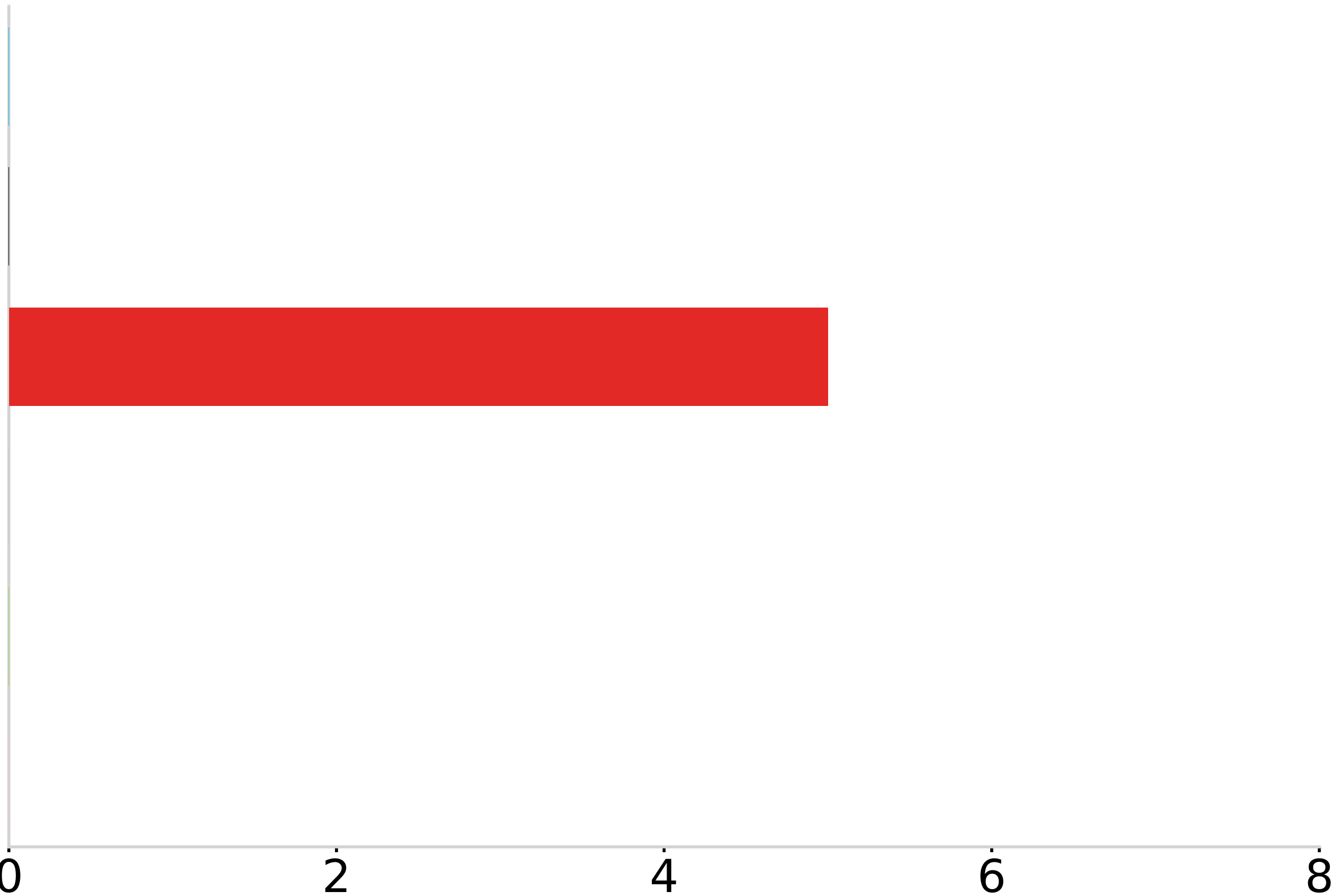
C>G

C>T

T>A

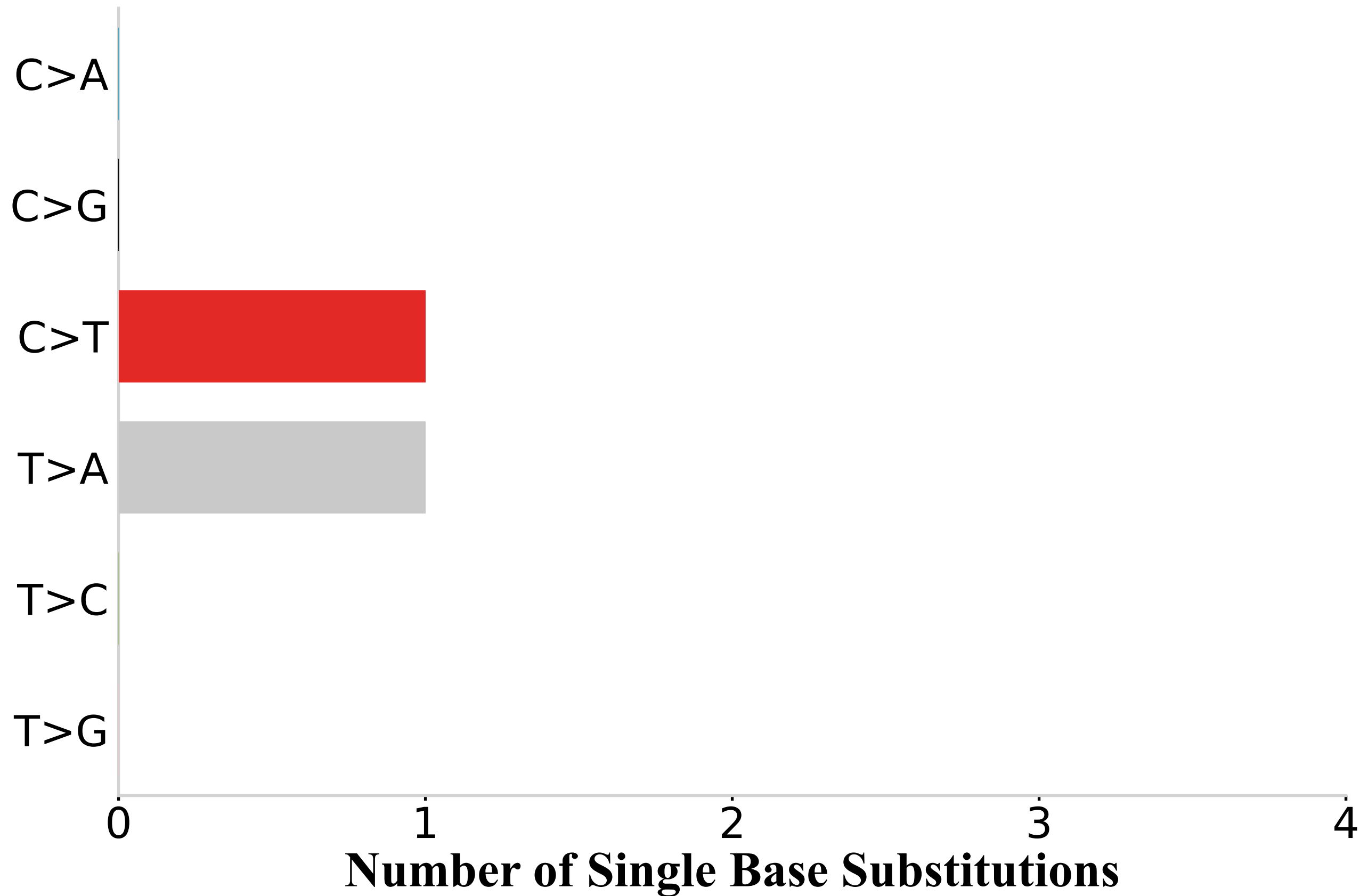
T>C

T>G

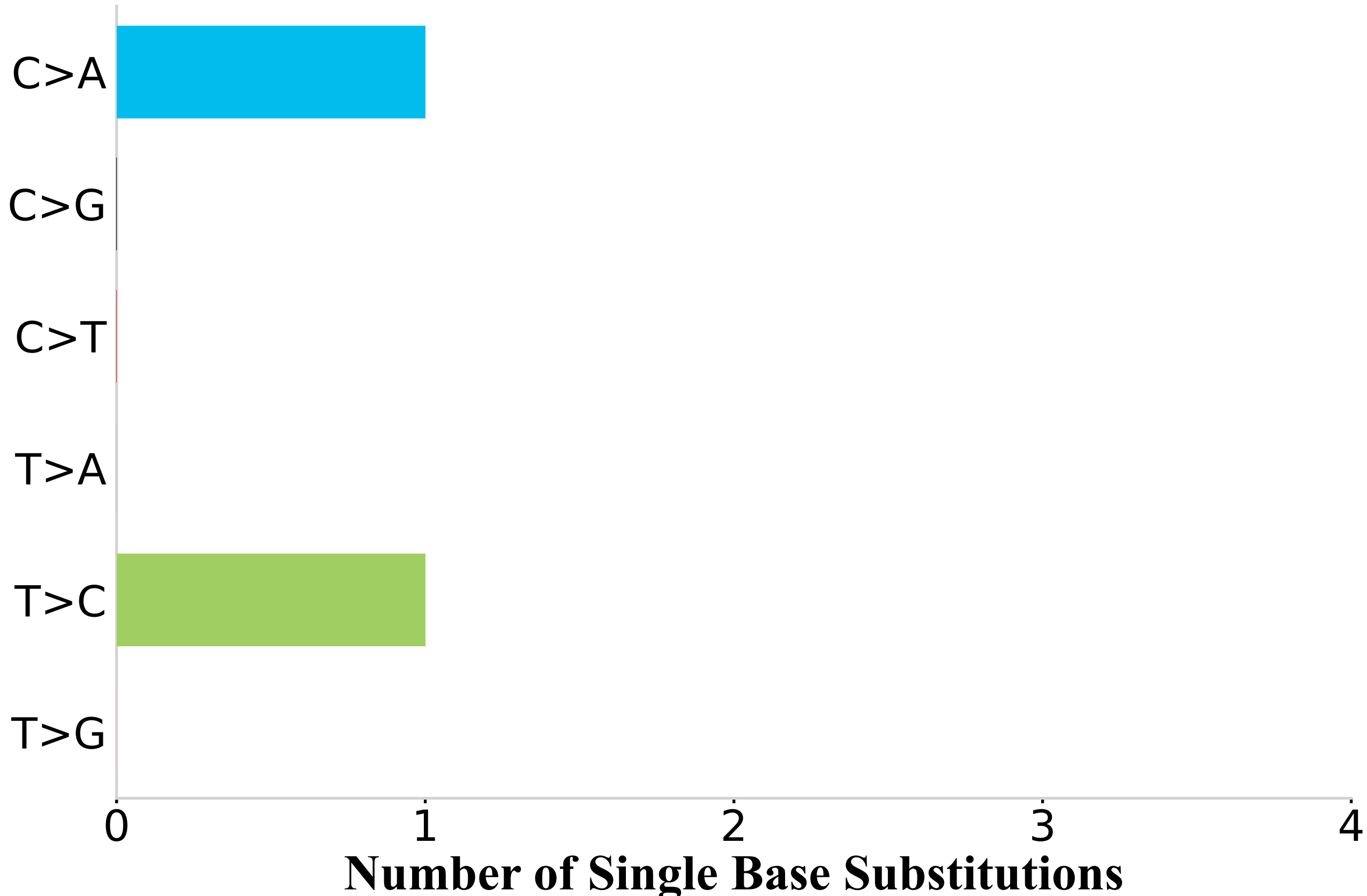


Number of Single Base Substitutions

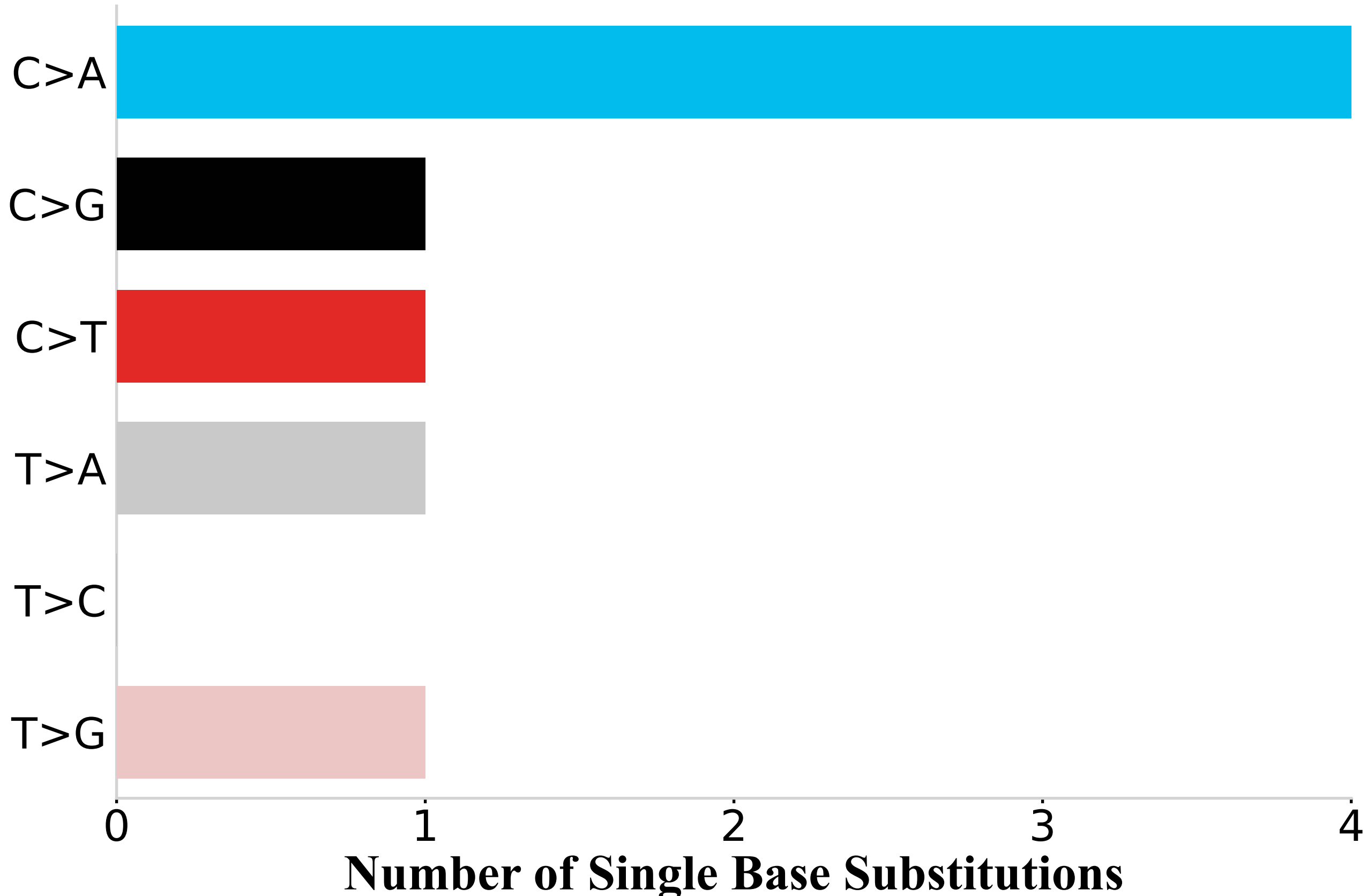
P-0027395-T01-IM6: 2 subs



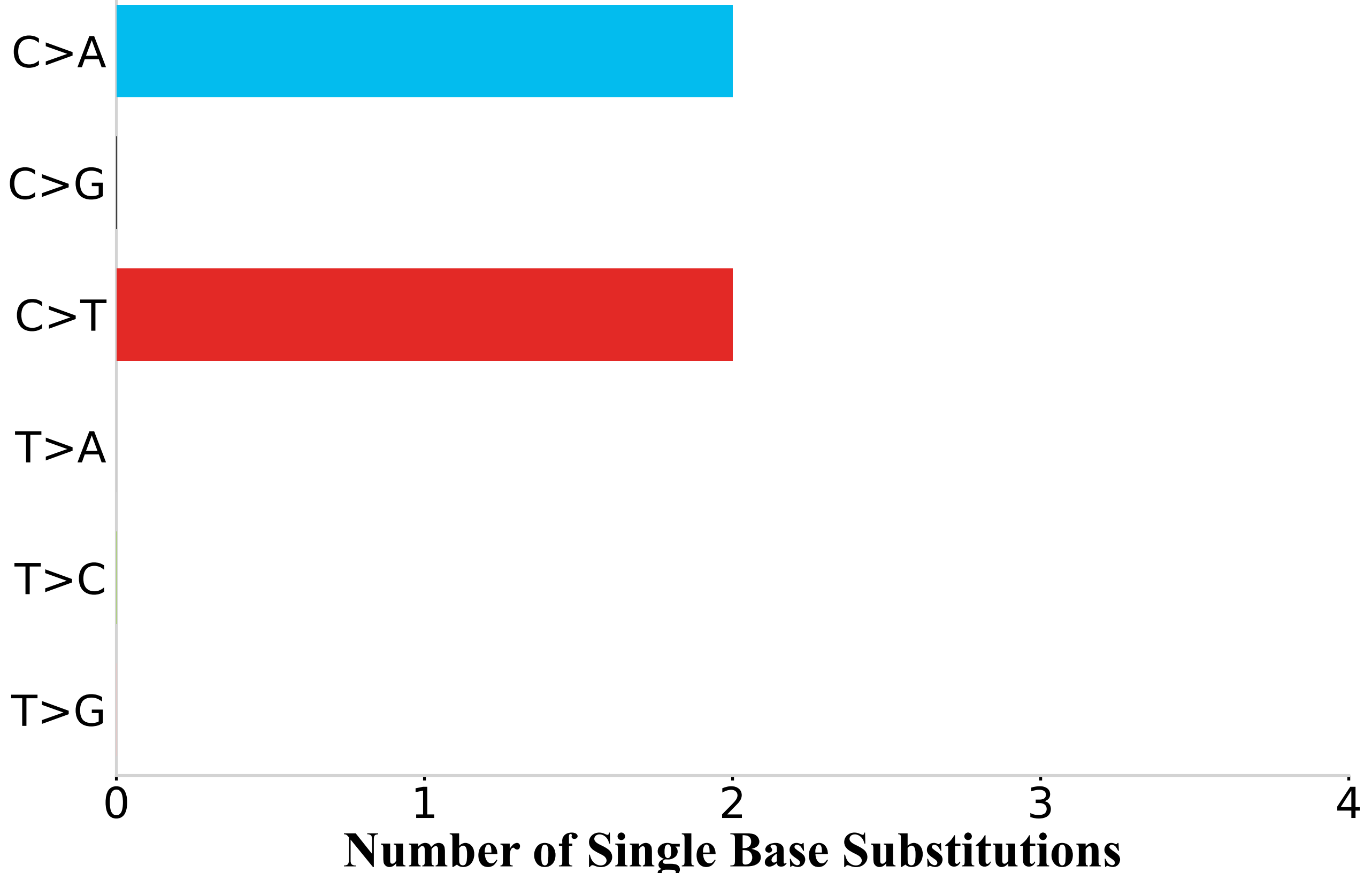
P-0027499-T01-IM6: 2 subs



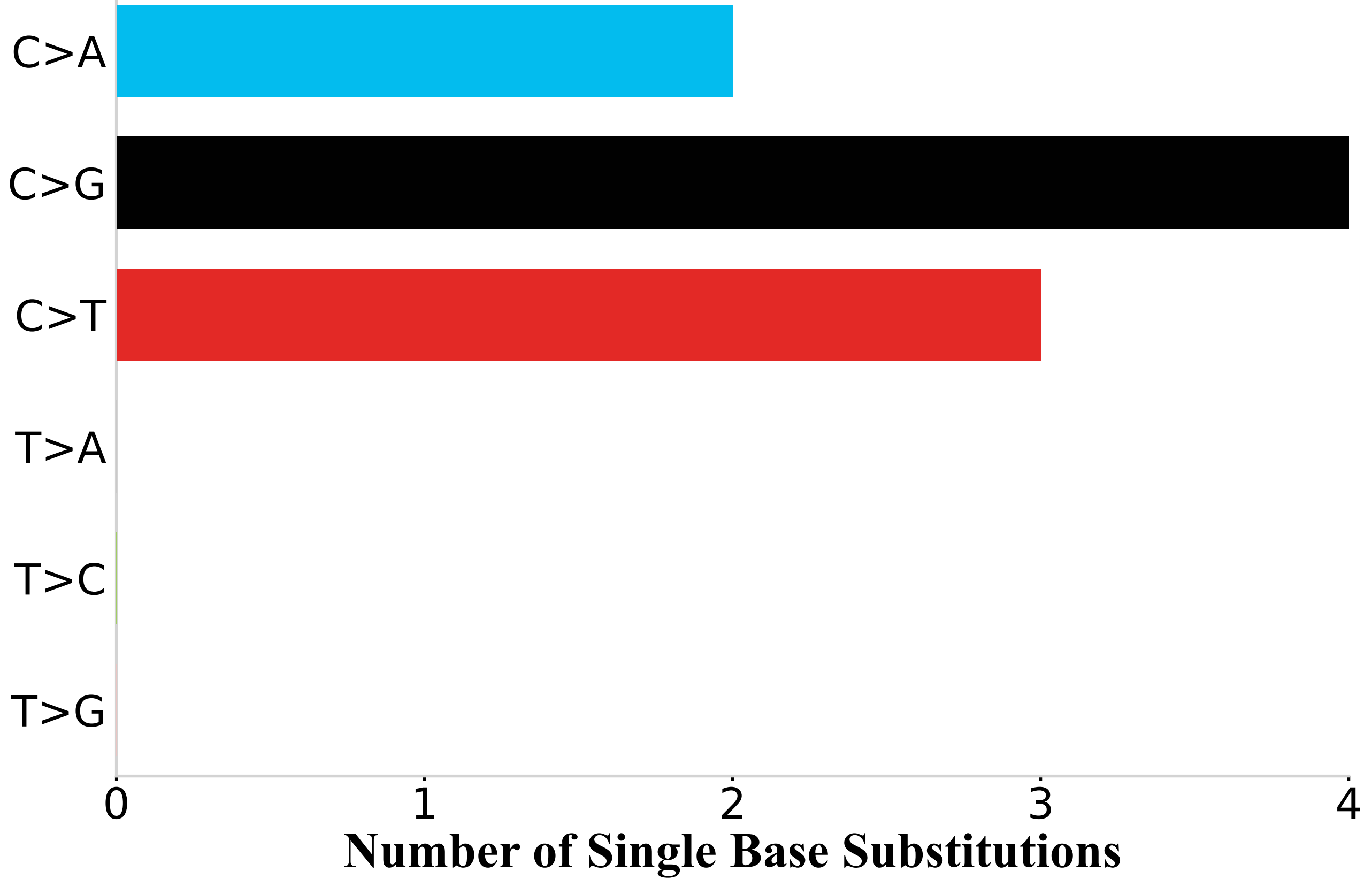
P-0027542-T01-IM6: 8 subs



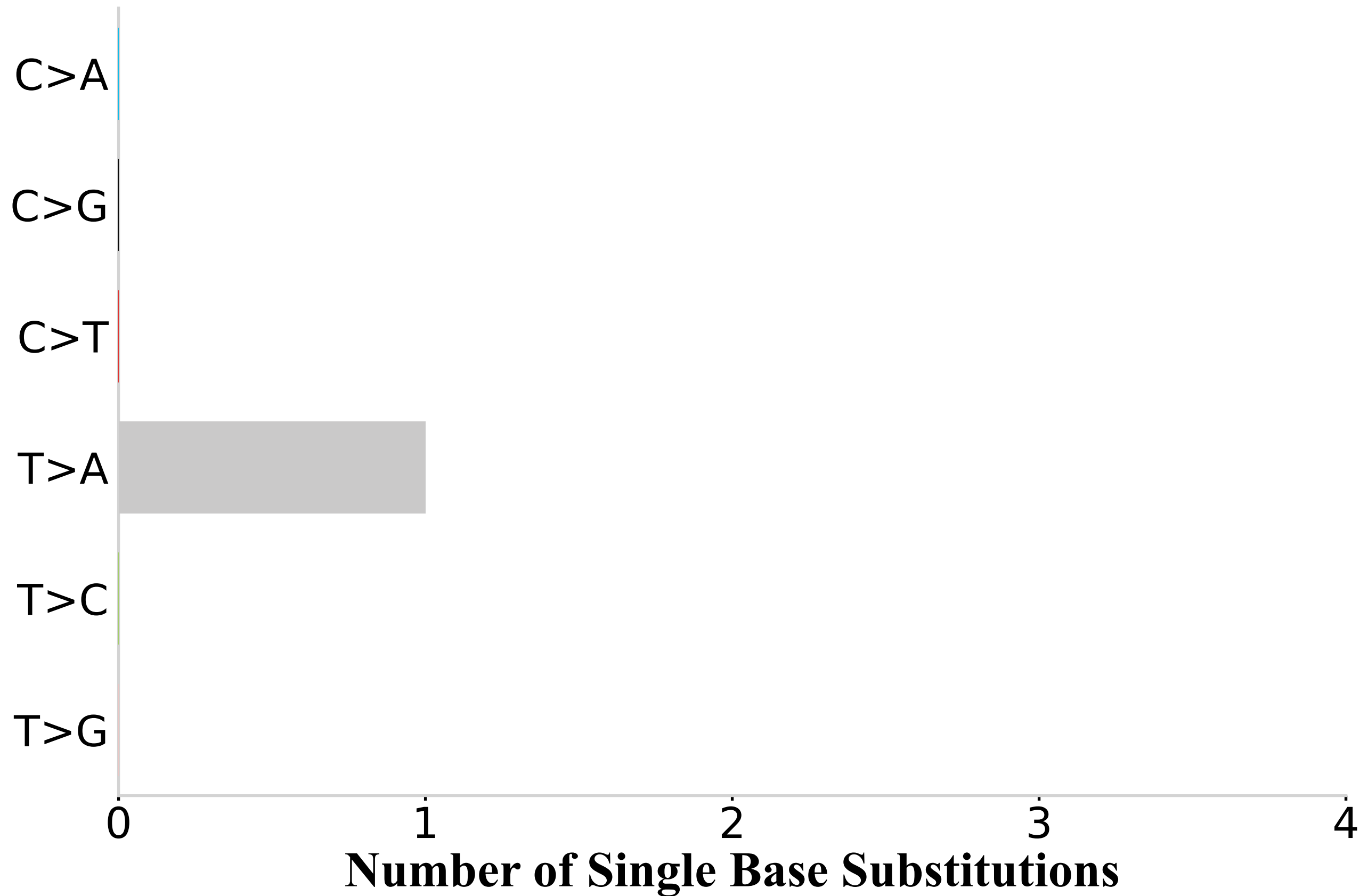
P-0027586-T01-IM6: 4 subs



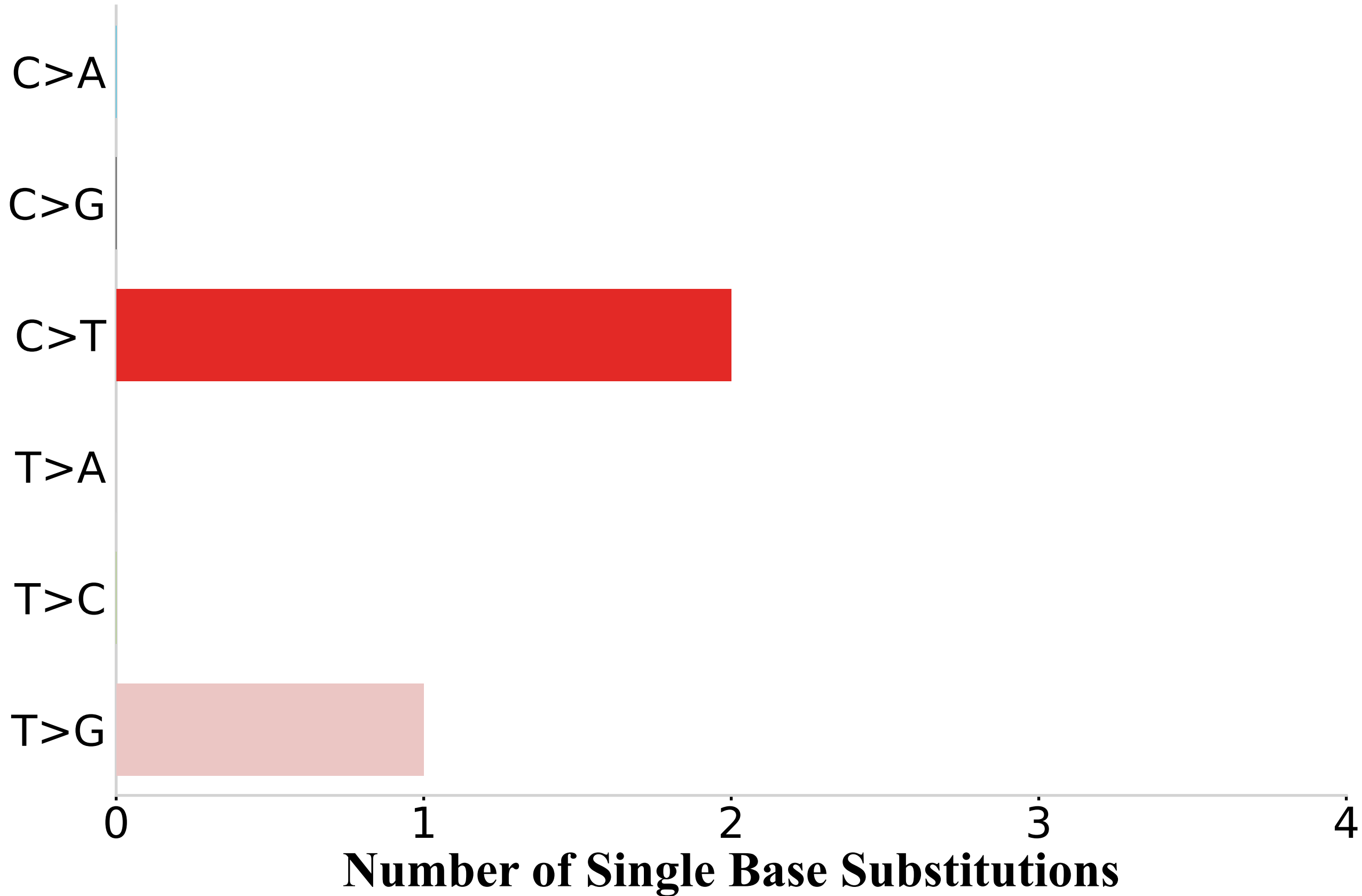
P-0027589-T01-IM6: 9 subs



P-0027985-T01-IM6: 1 subs



P-0027990-T01-IM6: 3 subs



P-0028157-T01-IM6: 6 subs

C>A

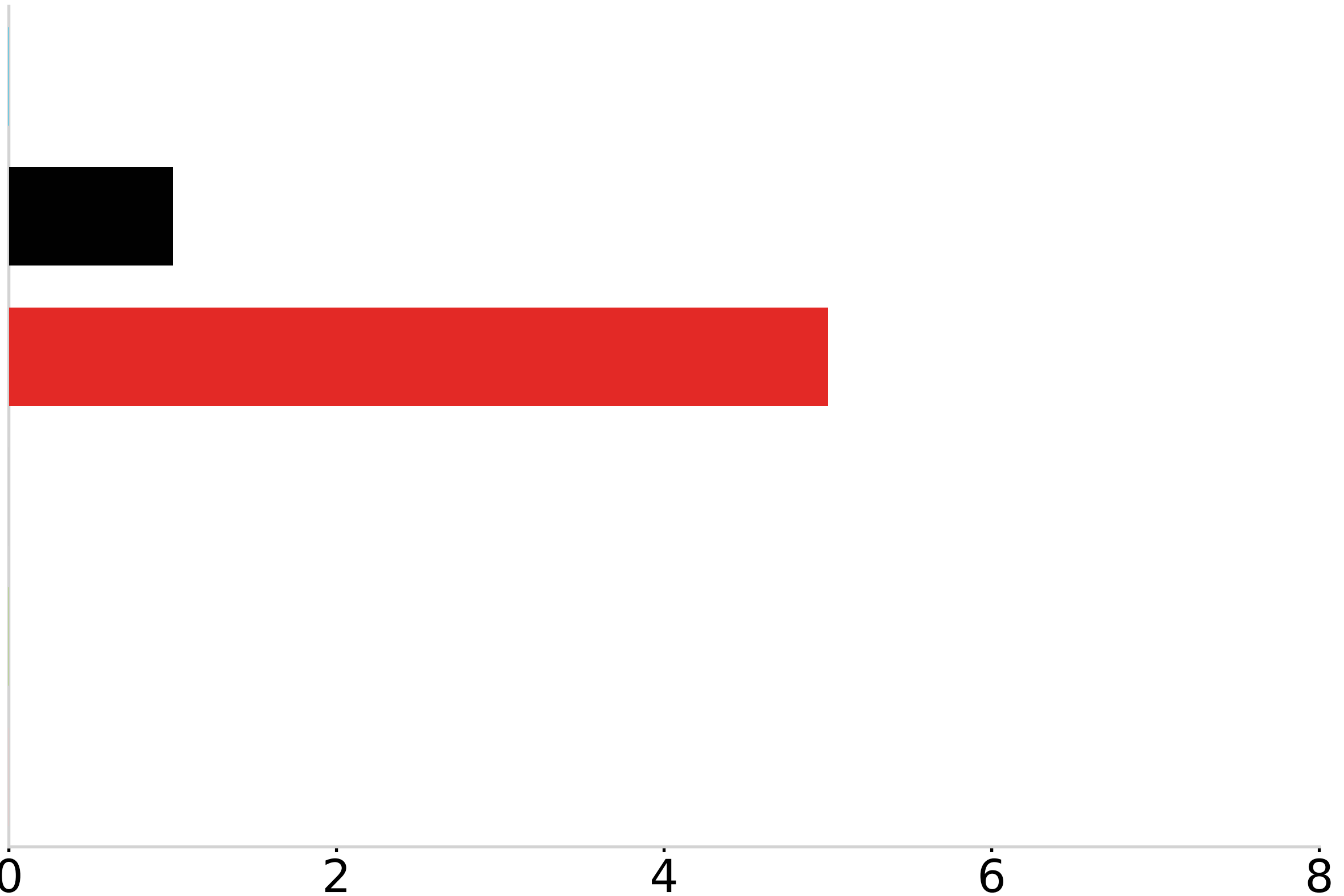
C>G

C>T

T>A

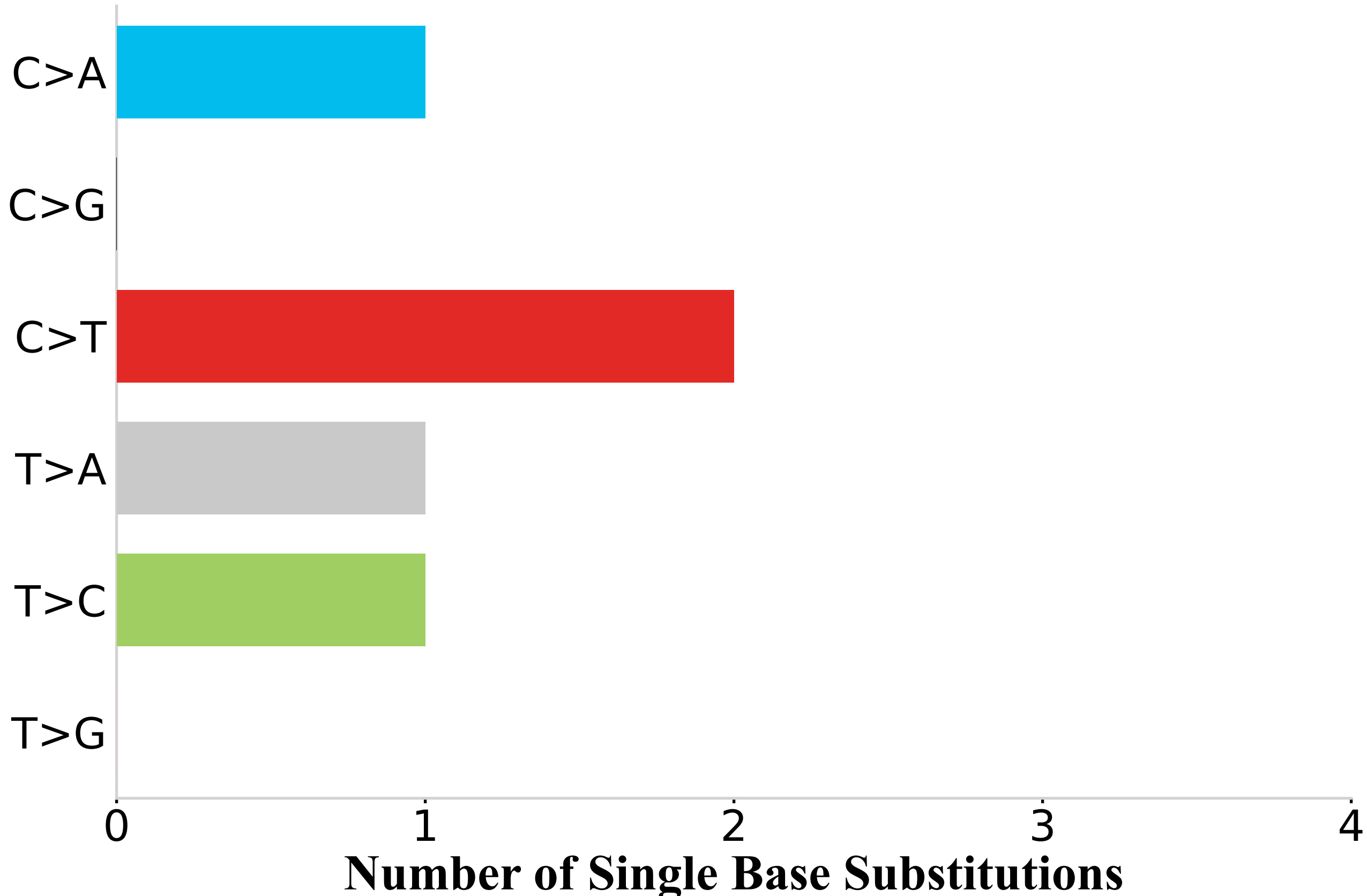
T>C

T>G

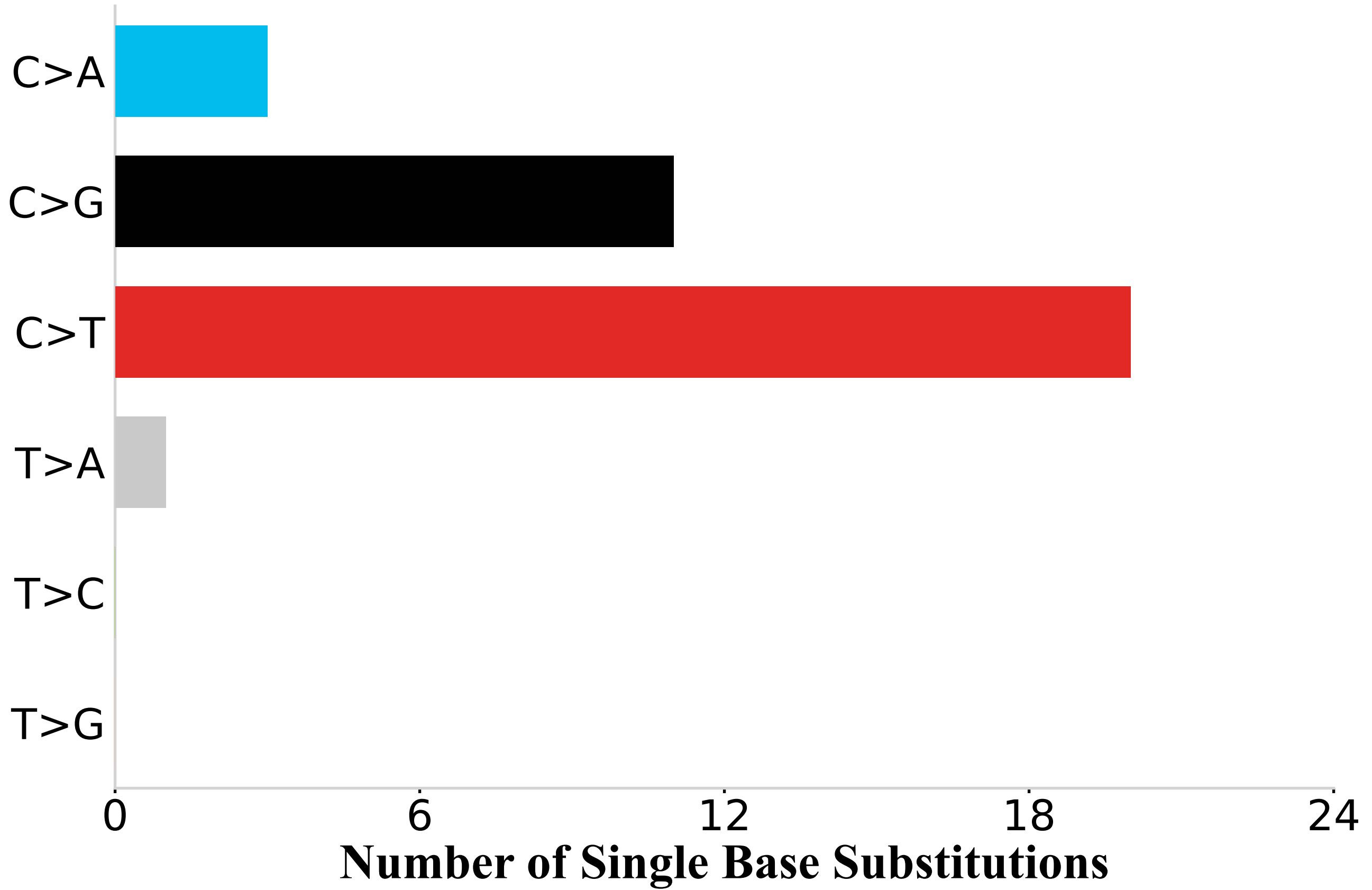


Number of Single Base Substitutions

P-0028360-T01-IM6: 5 subs



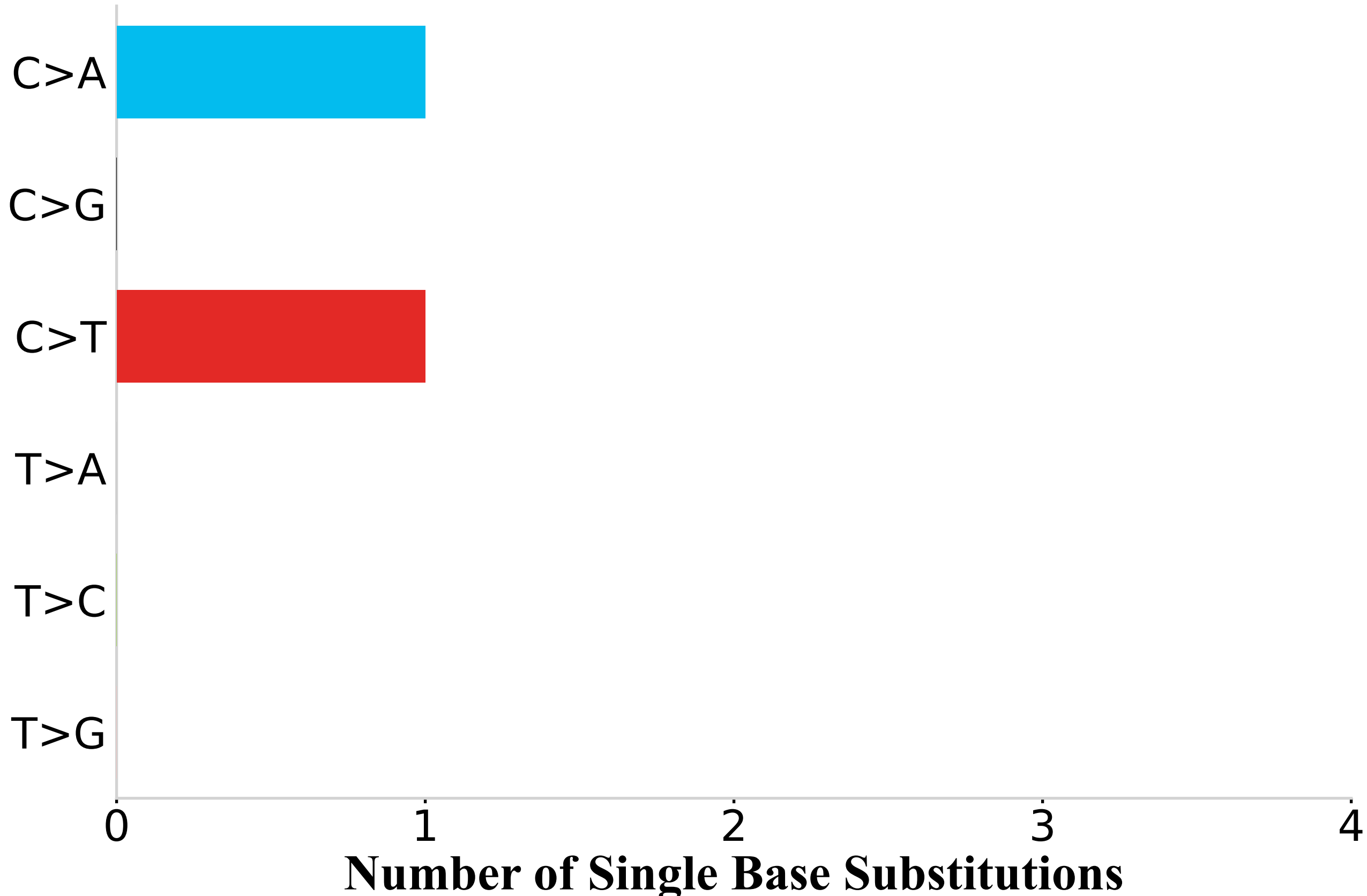
P-0028455-T01-IM6: 35 subs



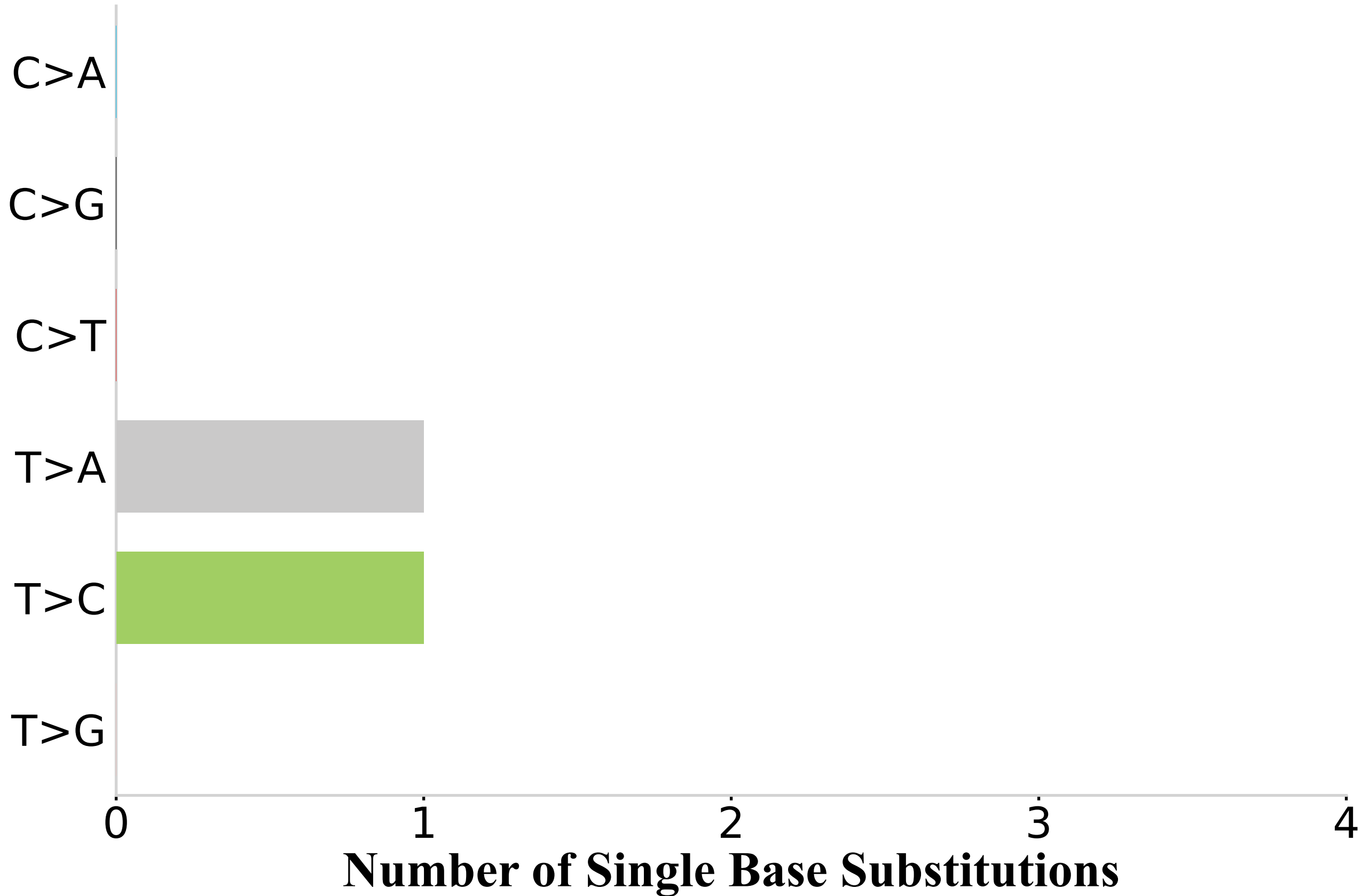
P-0028684-T01-IM6: 1 subs



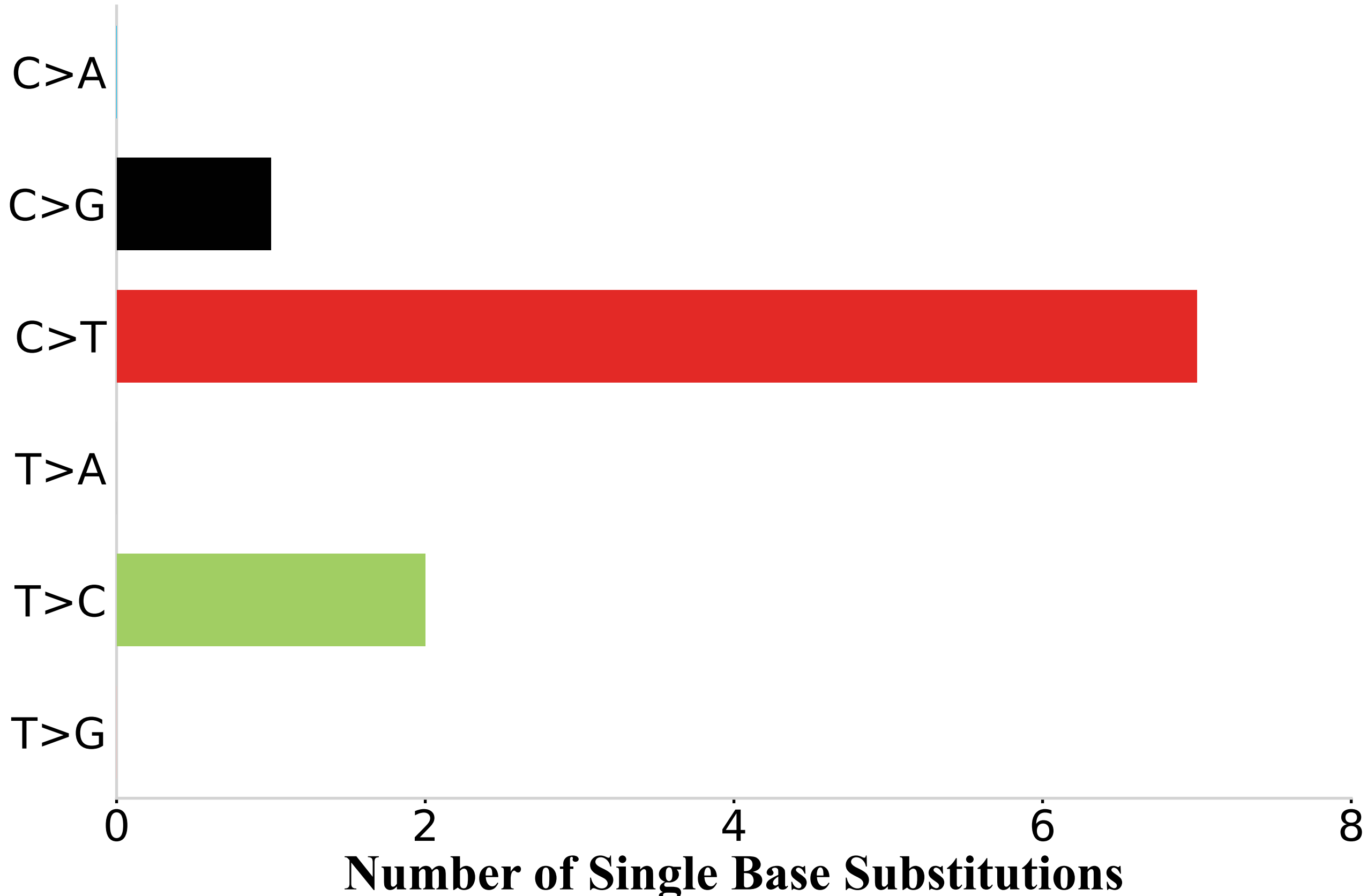
P-0029850-T01-IM6: 2 subs



P-0029958-T01-IM6: 2 subs



P-0030168-T02-IM6: 10 subs



P-0030370-T01-IM6: 0 subs

C>A

C>G

C>T

T>A

T>C

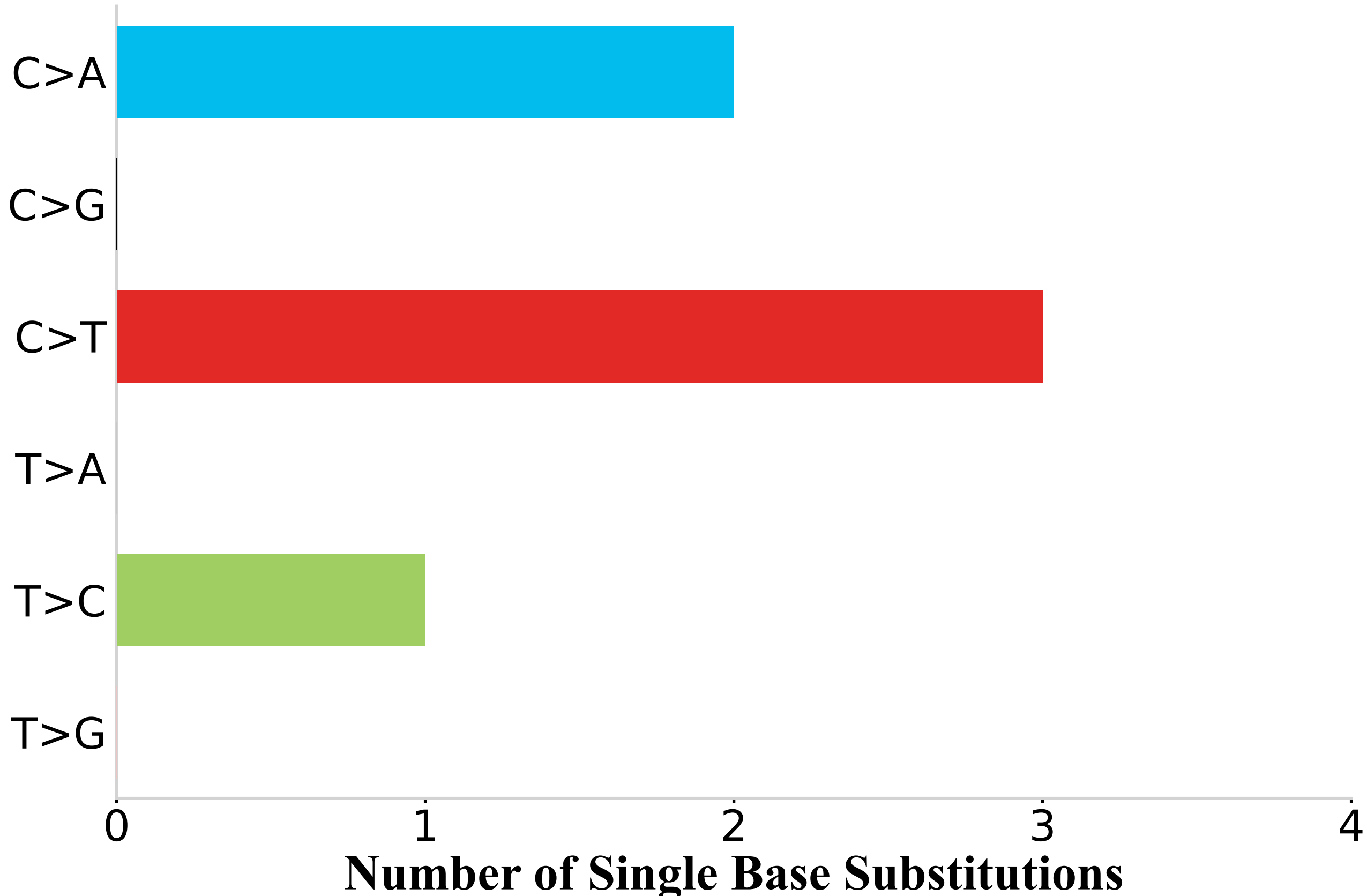
T>G

0

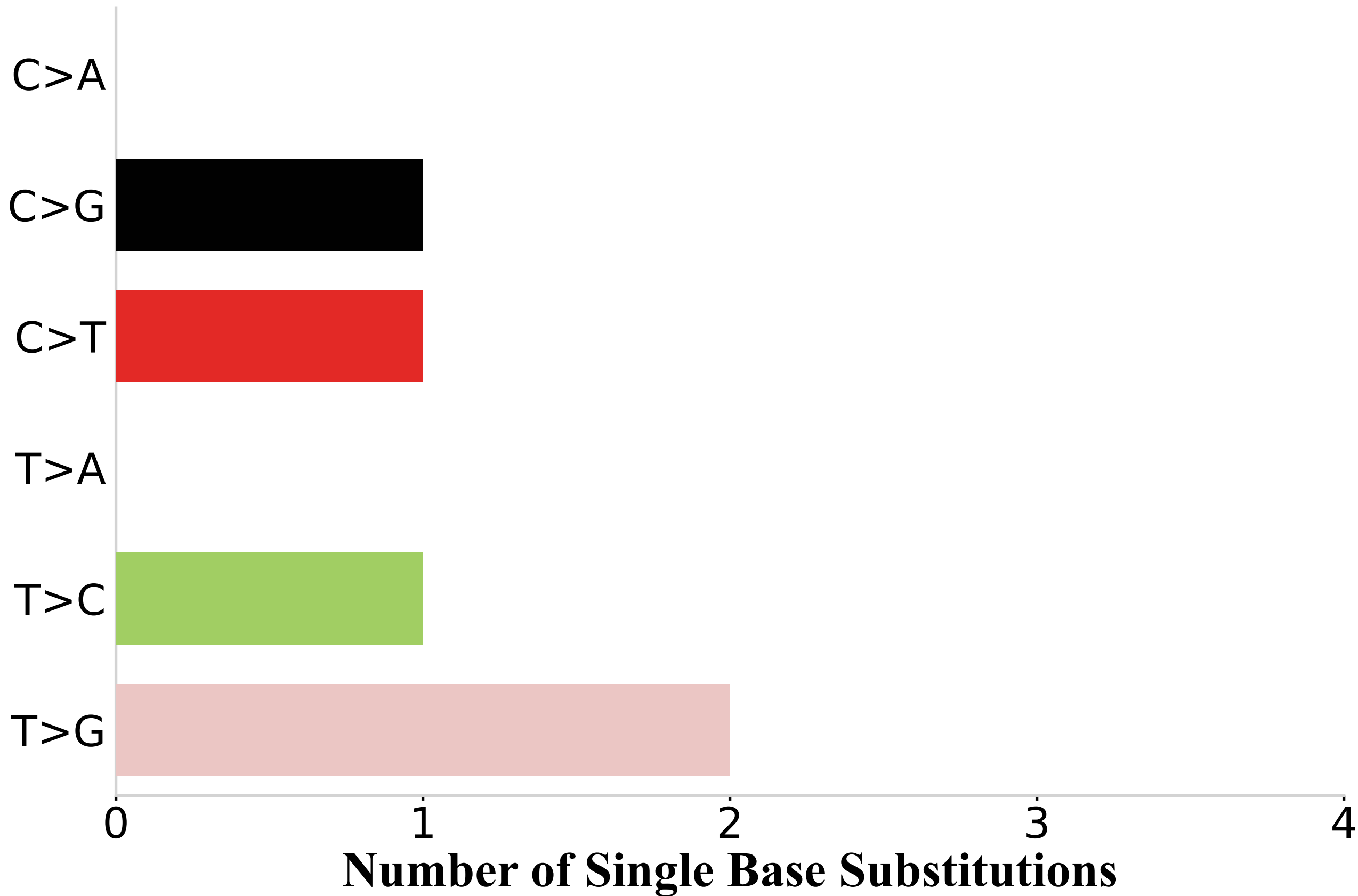
Number of Single Base Substitutions



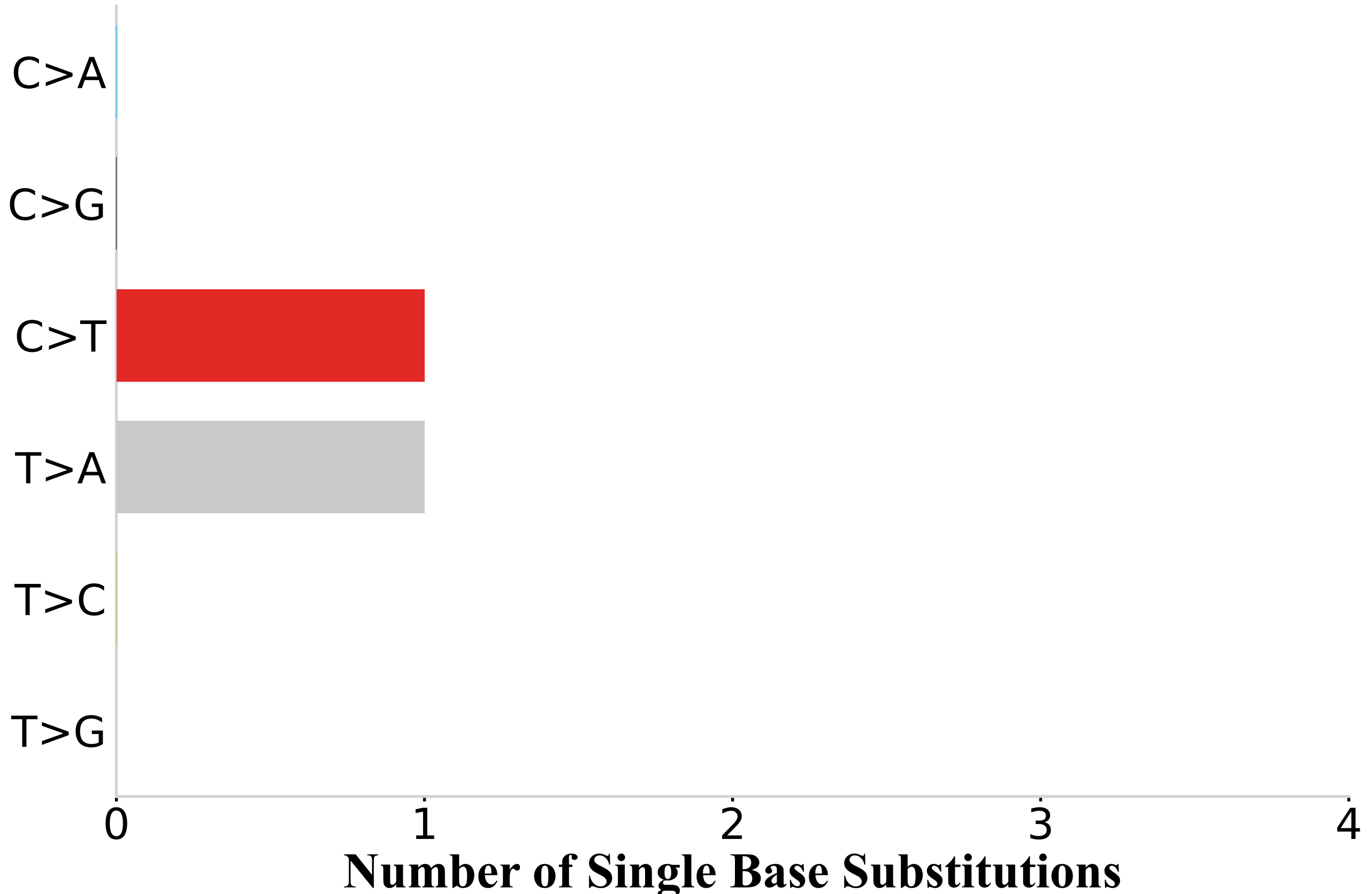
P-0030659-T01-IM6: 6 subs



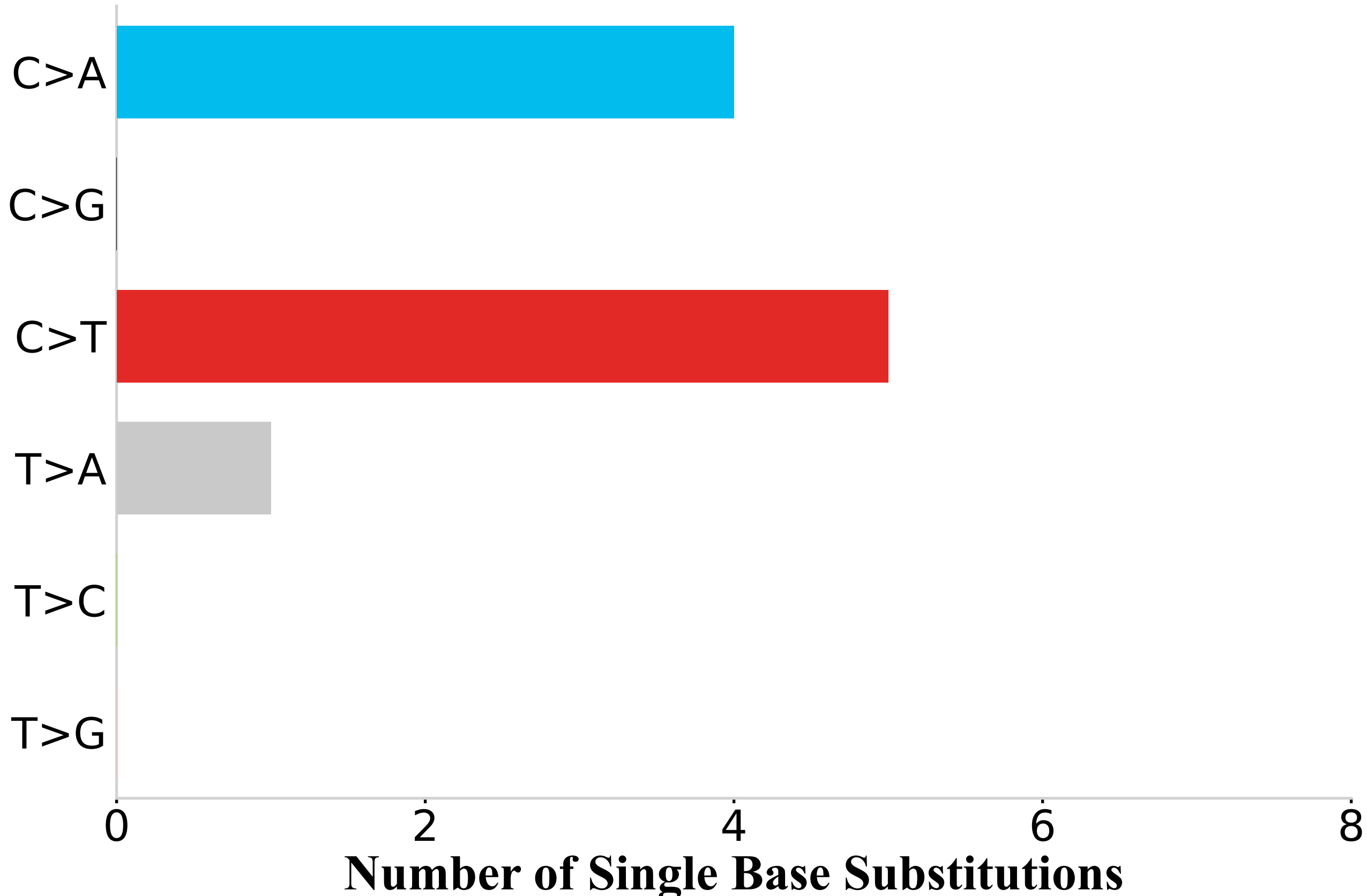
P-0030729-T01-IM6: 5 subs



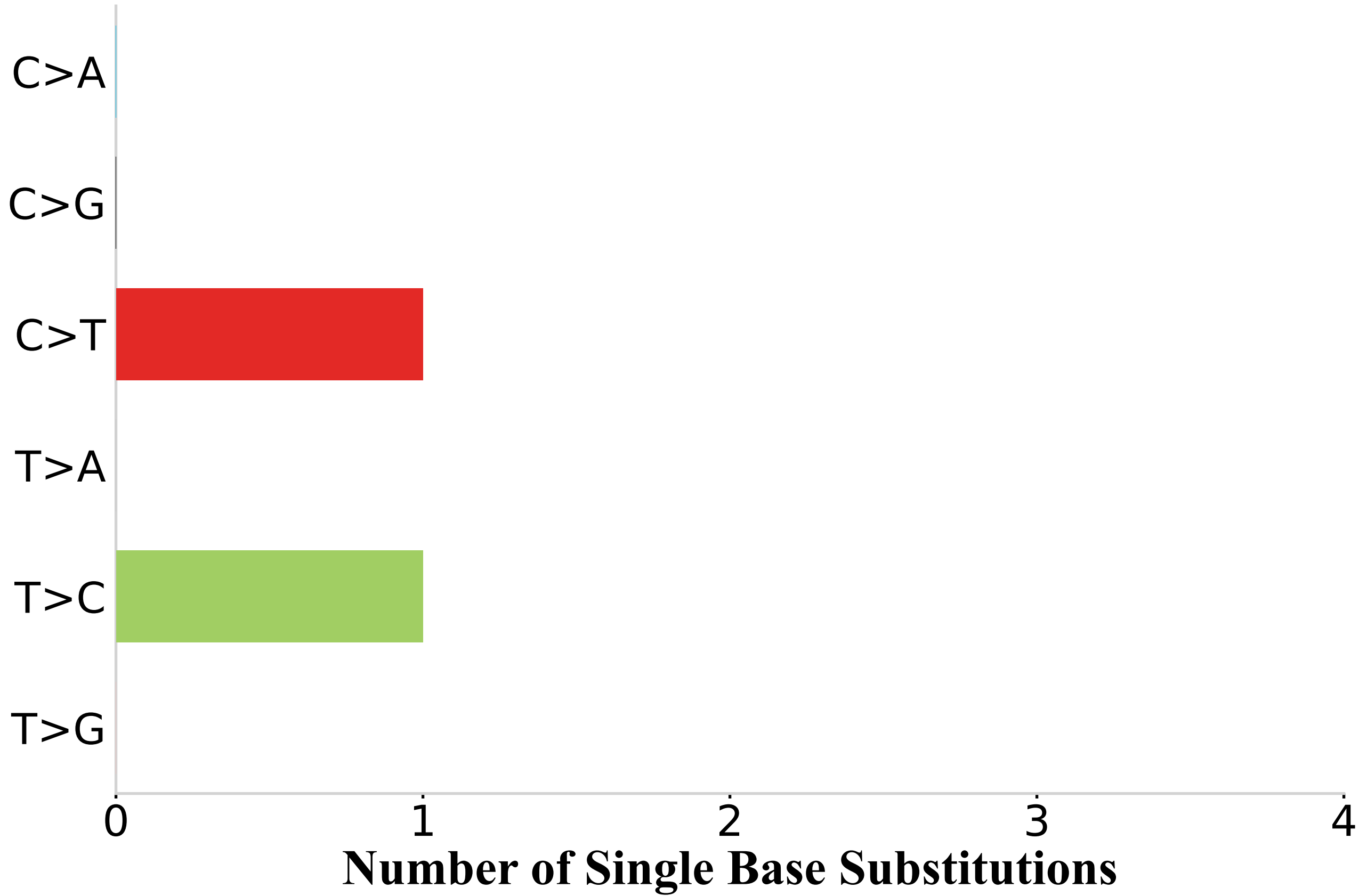
P-0031996-T01-IM6: 2 subs



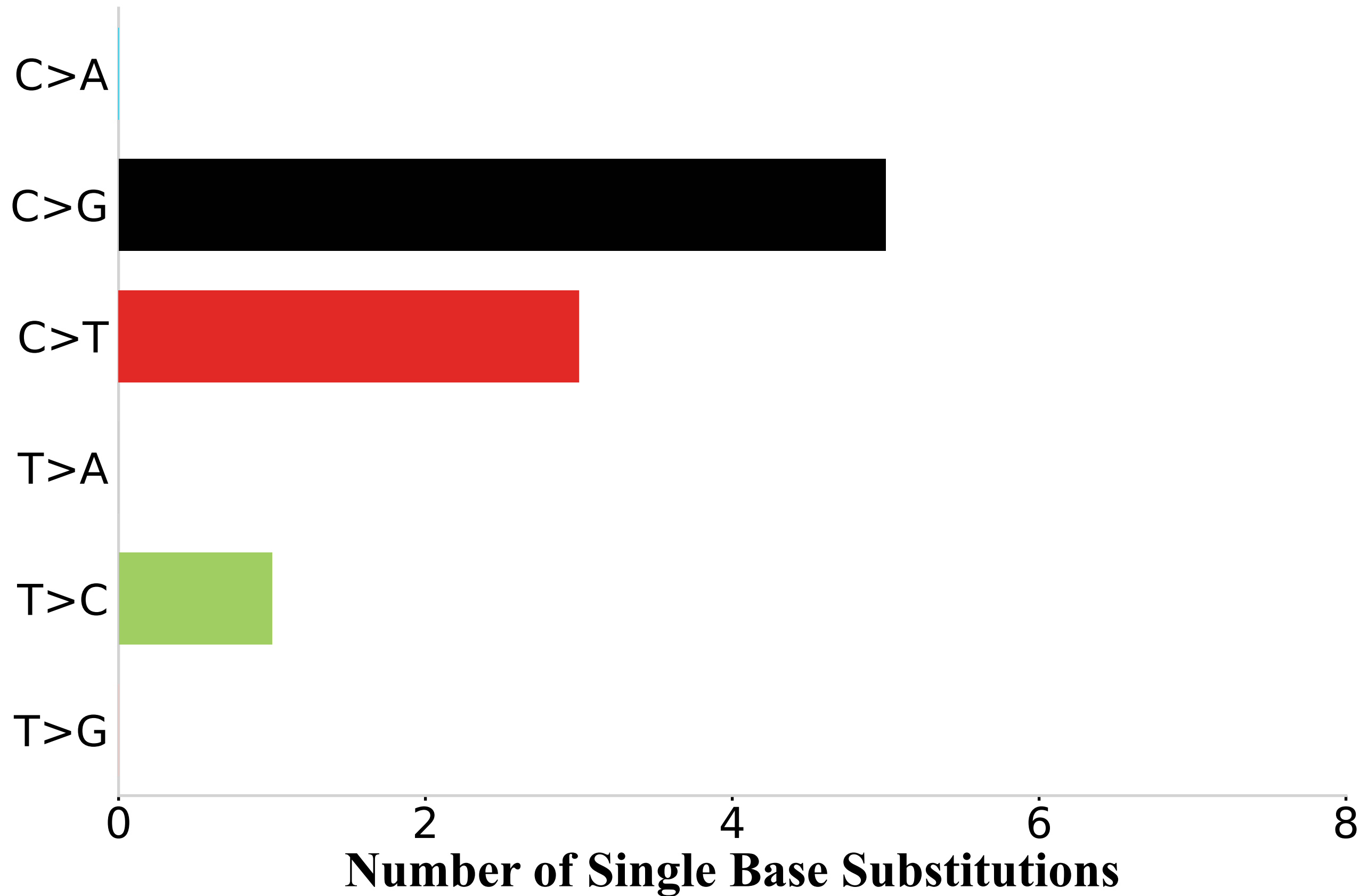
P-0032673-T01-IM6: 10 subs



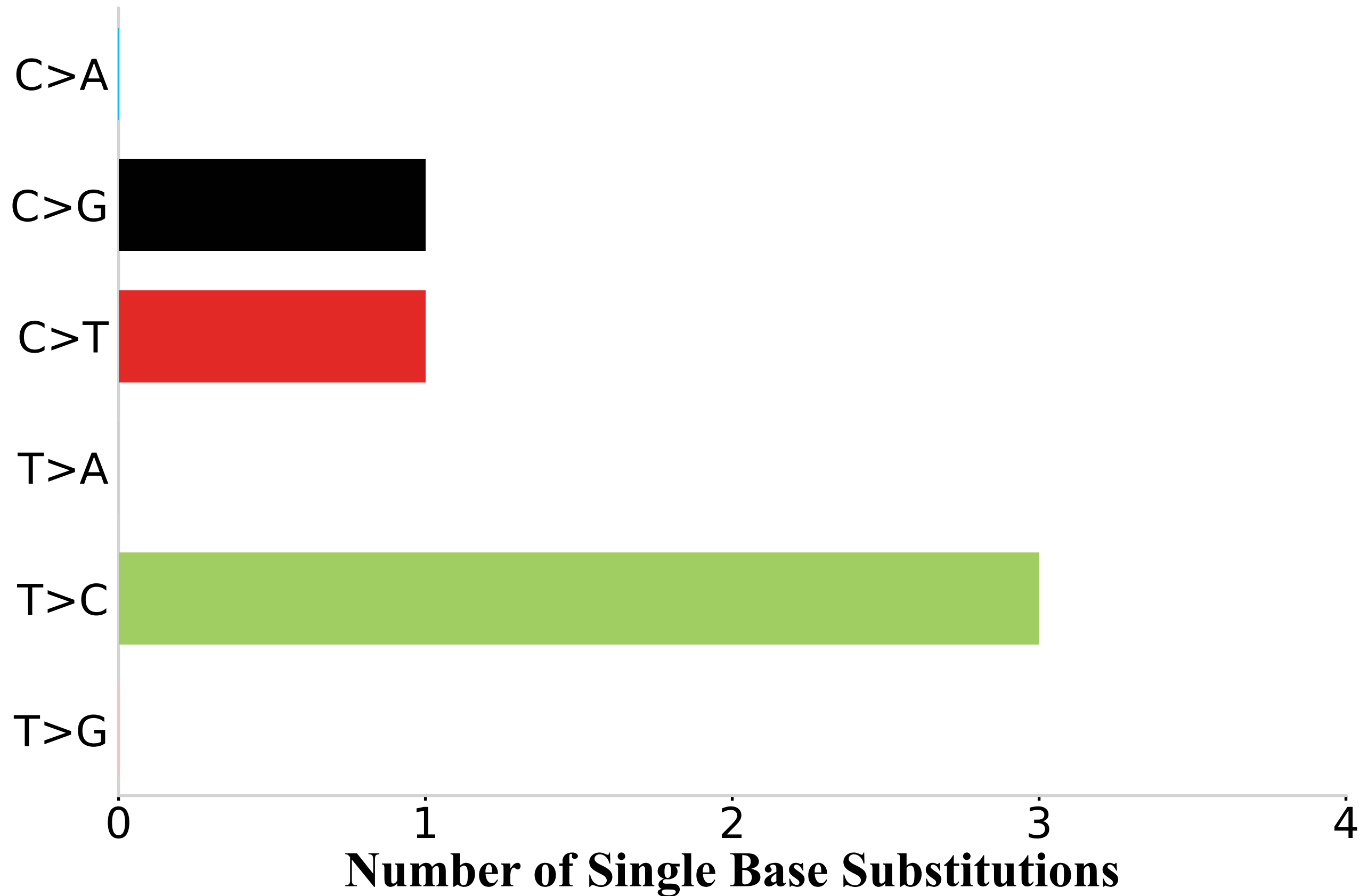
P-0032738-T01-IM6: 2 subs



P-0033000-T01-IM6: 9 subs



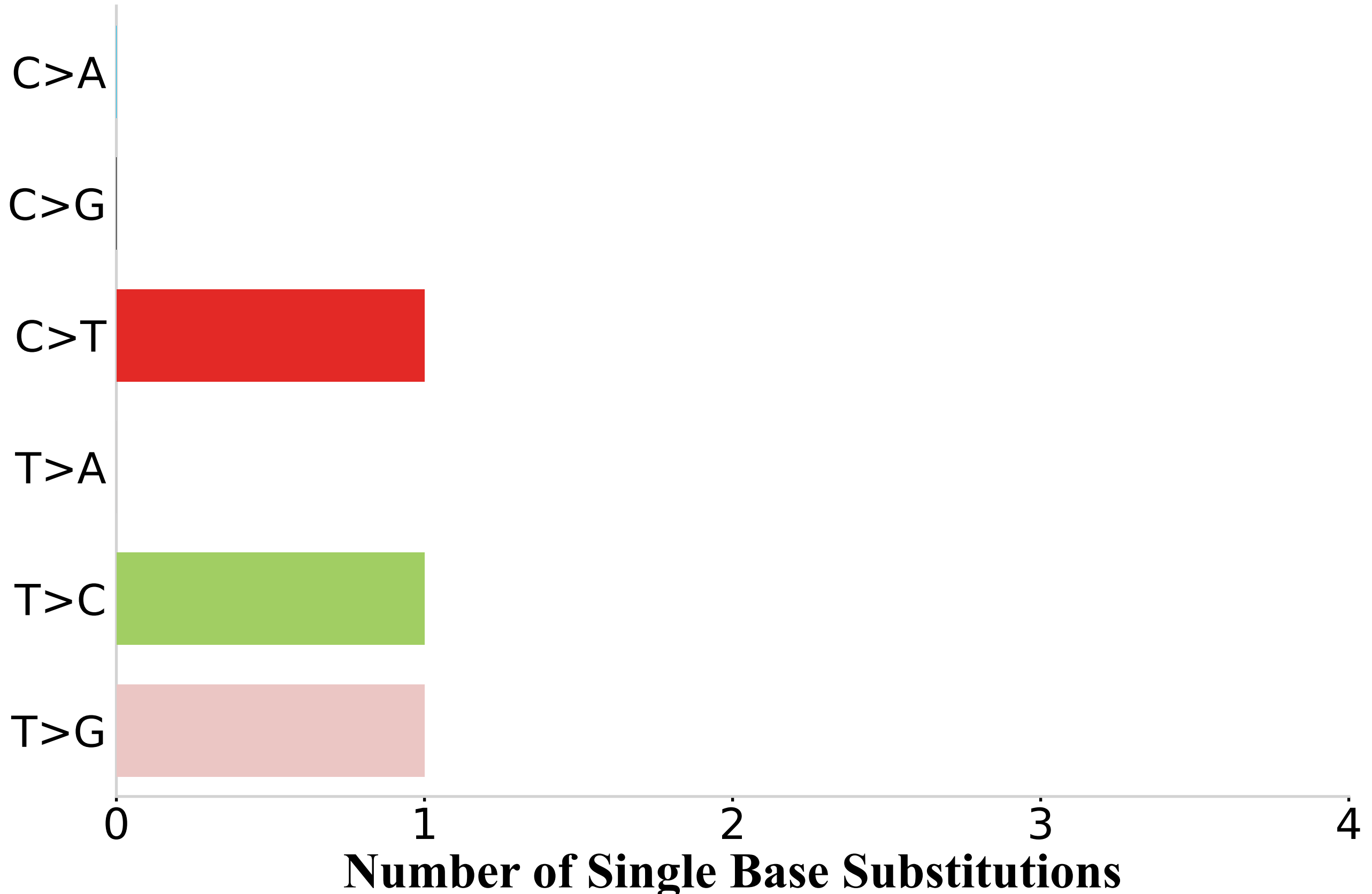
P-0033534-T04-IM6: 5 subs



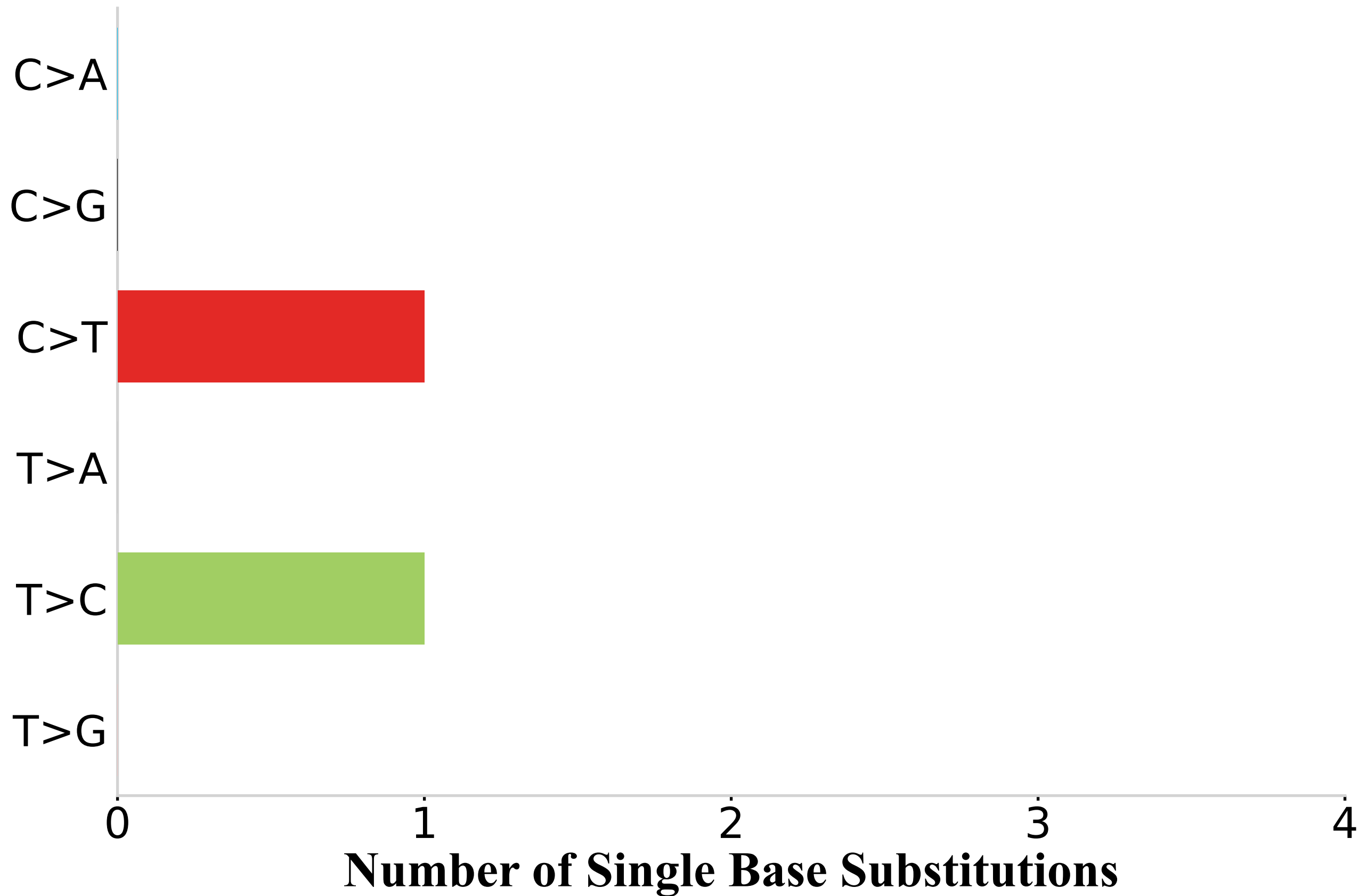
P-0033885-T01-IM6: 5 subs



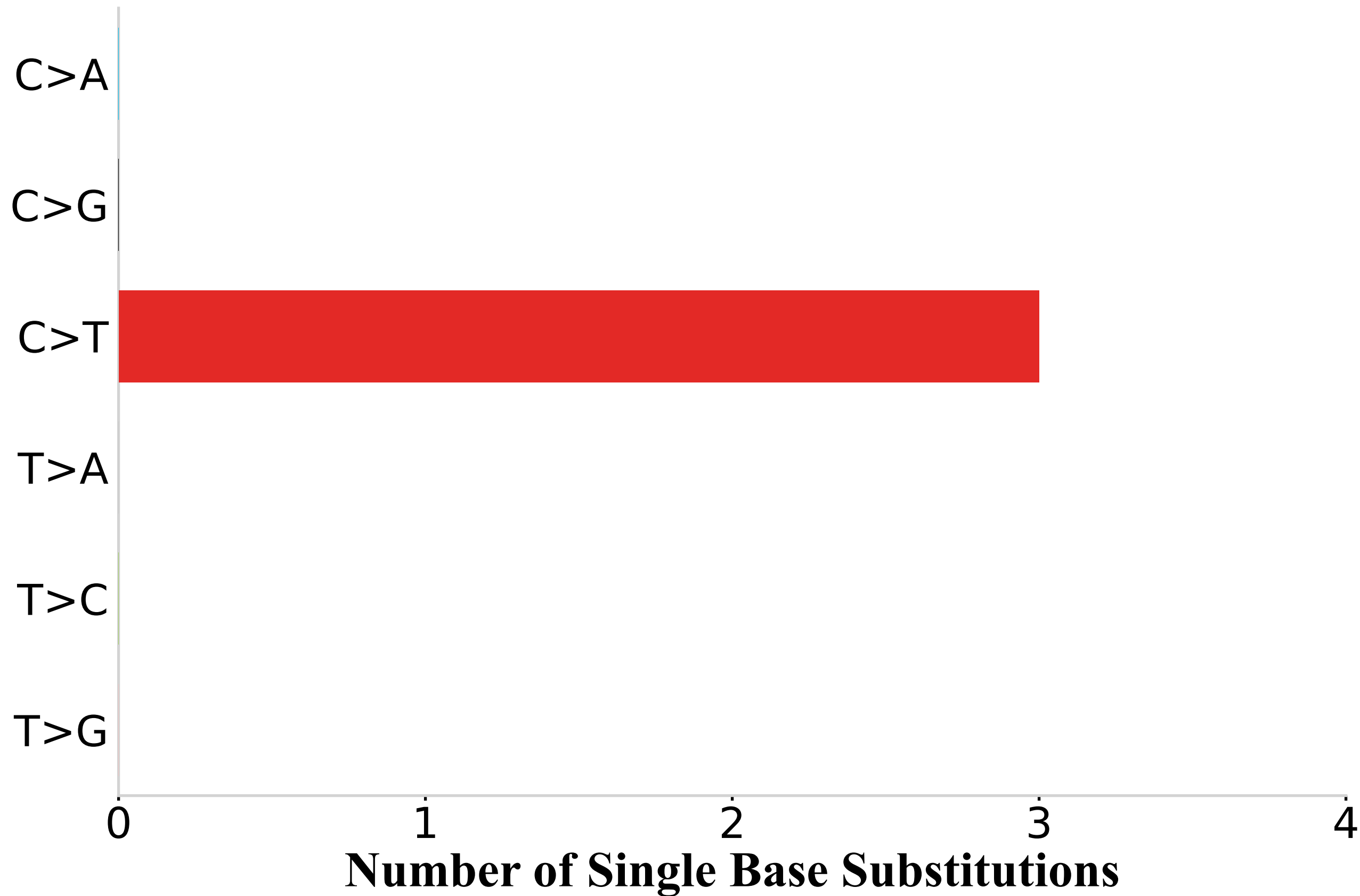
P-0033902-T01-IM6: 3 subs



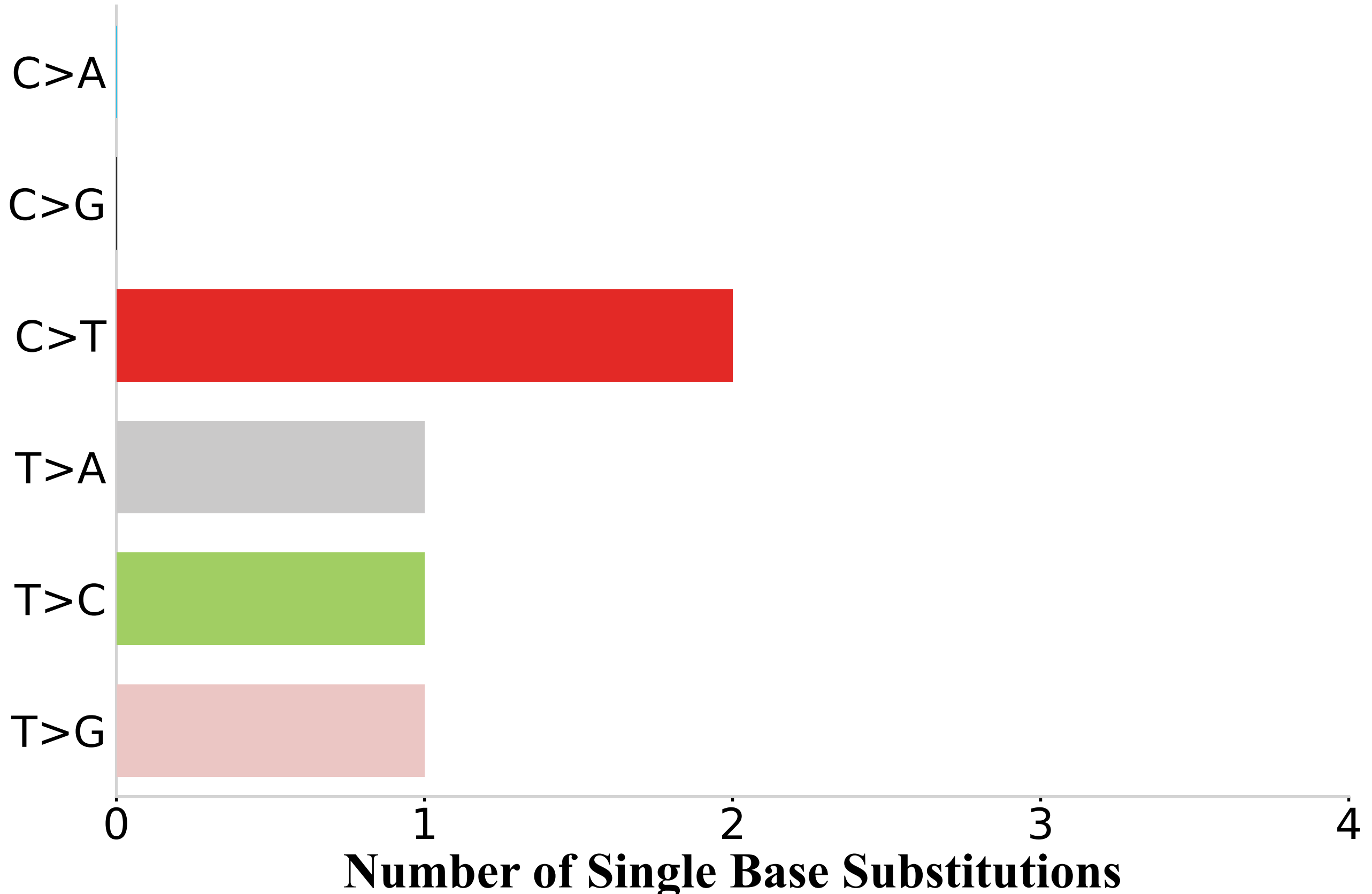
P-0034161-T01-IM6: 2 subs



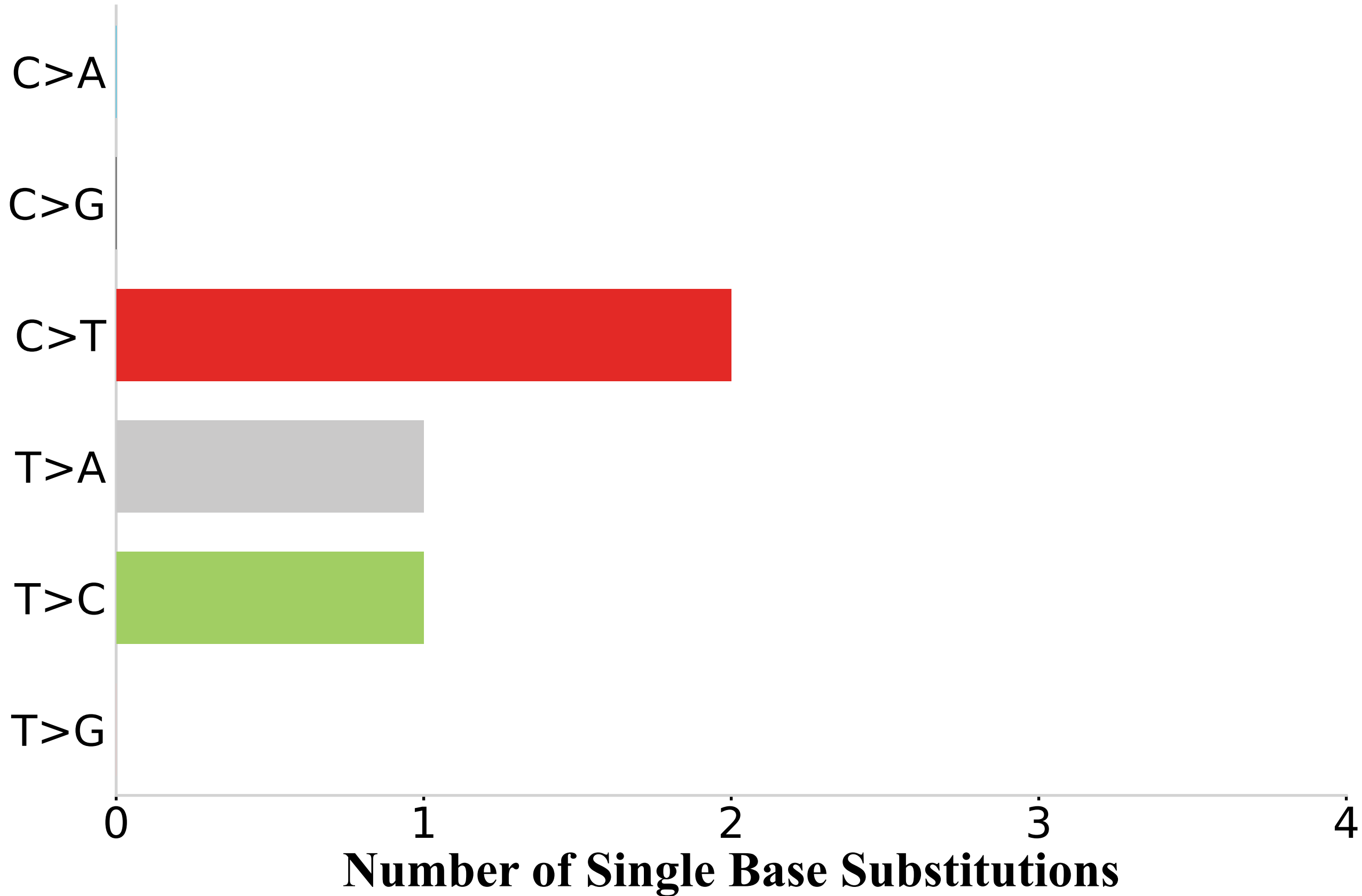
P-0034539-T01-IM6: 3 subs



P-0034647-T01-IM6: 5 subs



P-0035265-T01-IM6: 4 subs



P-0038724-T02-IM6: 3 subs

