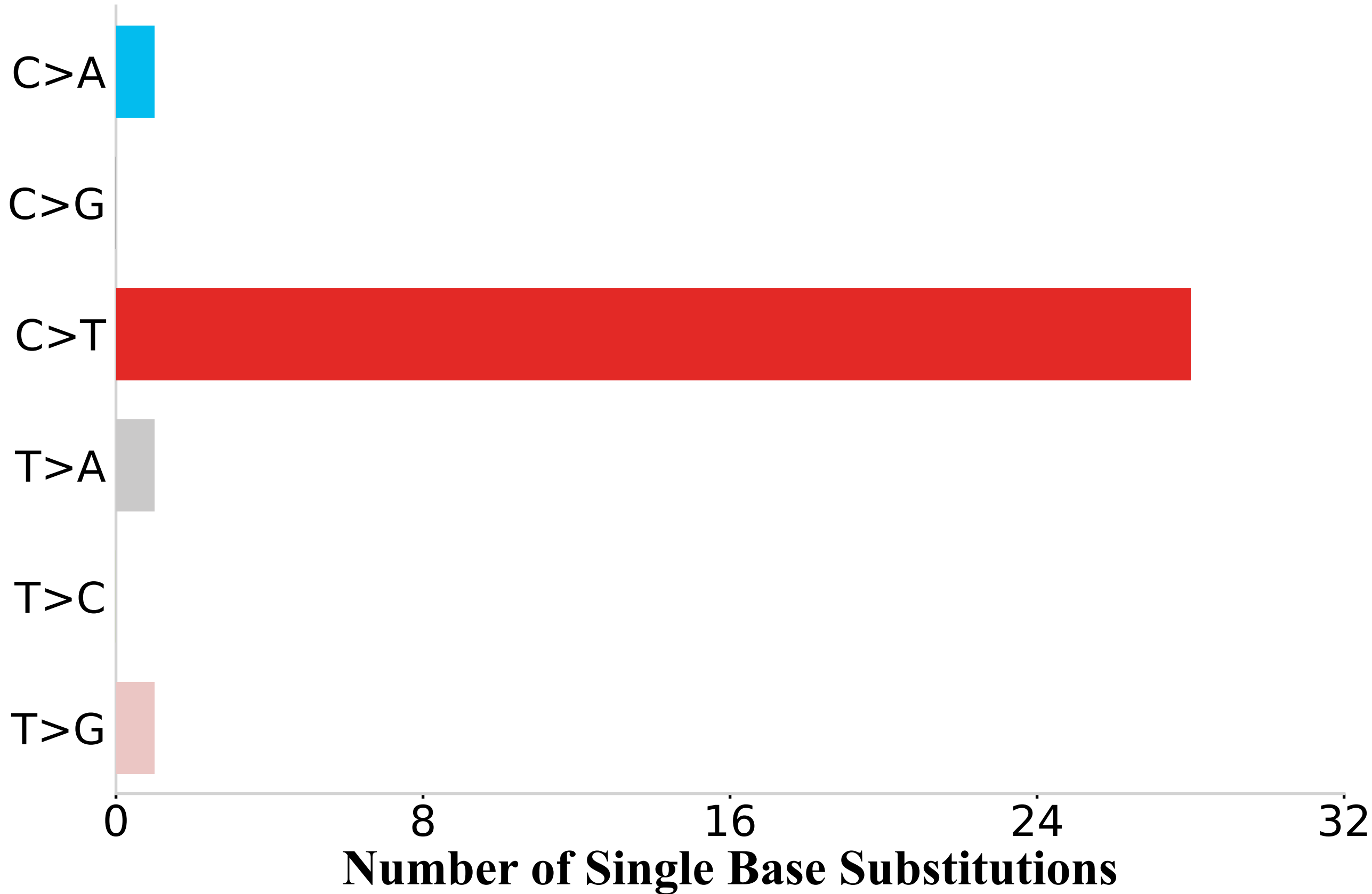
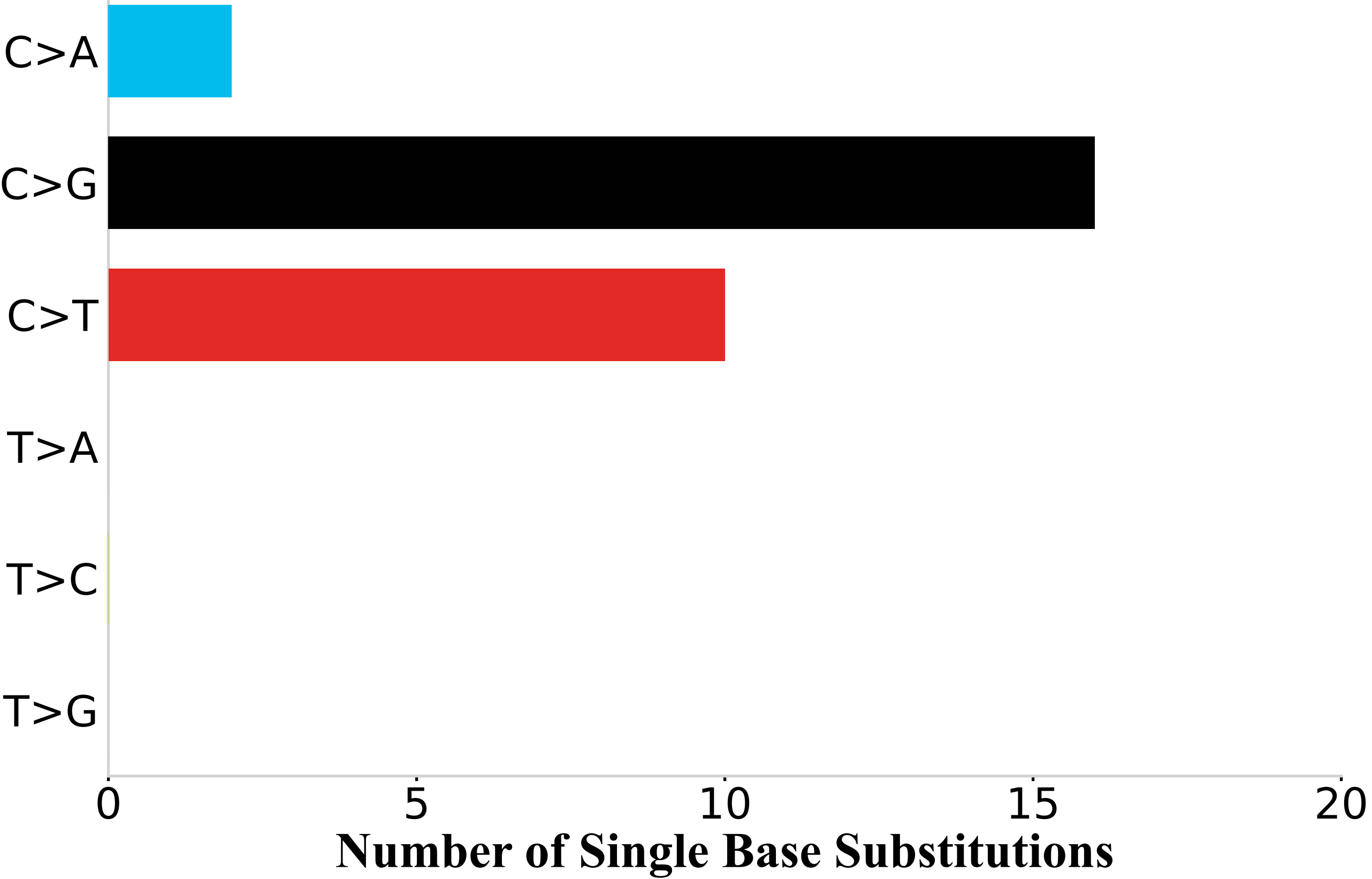


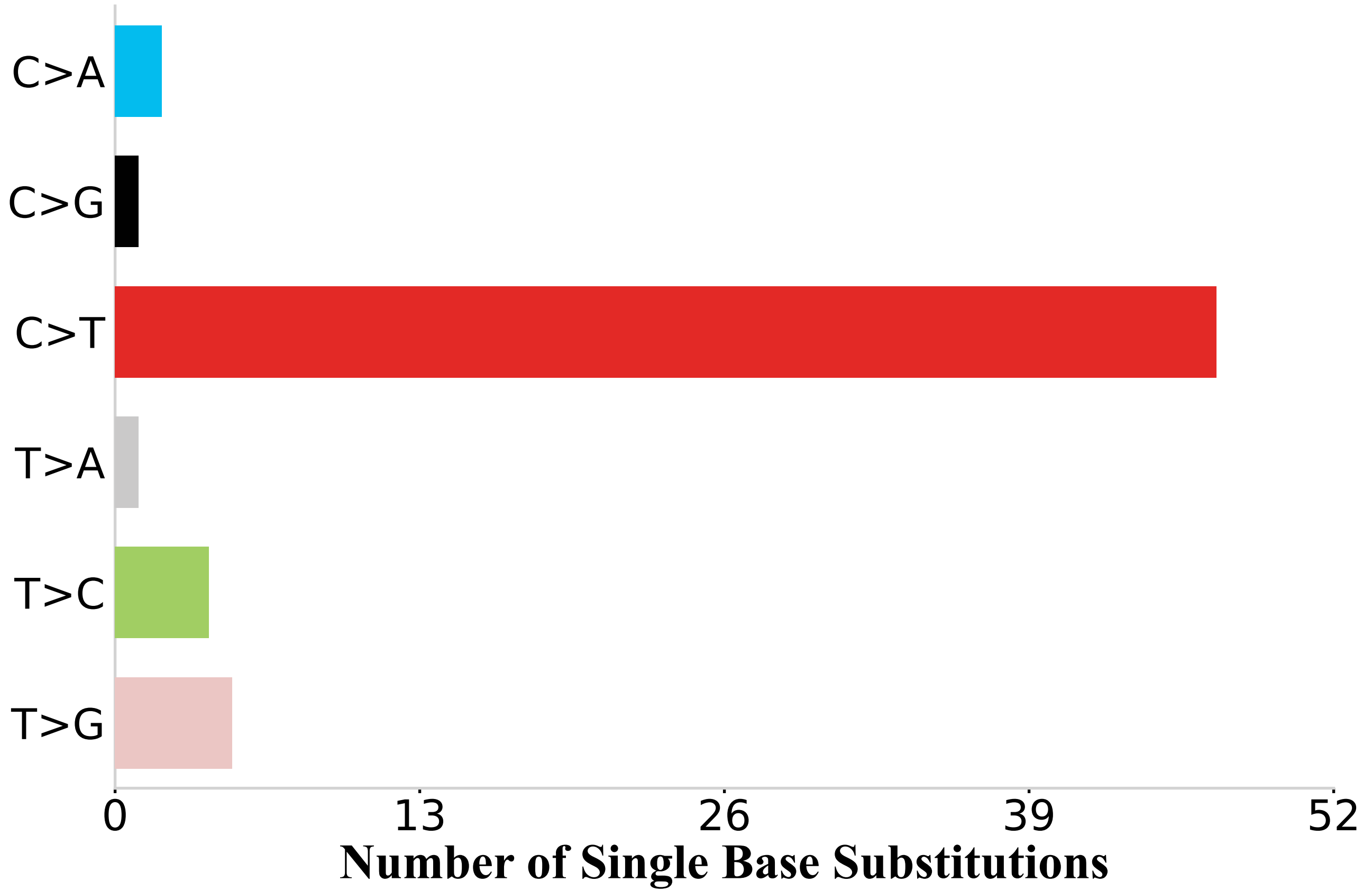
P-0000237-T01-IM3: 31 subs



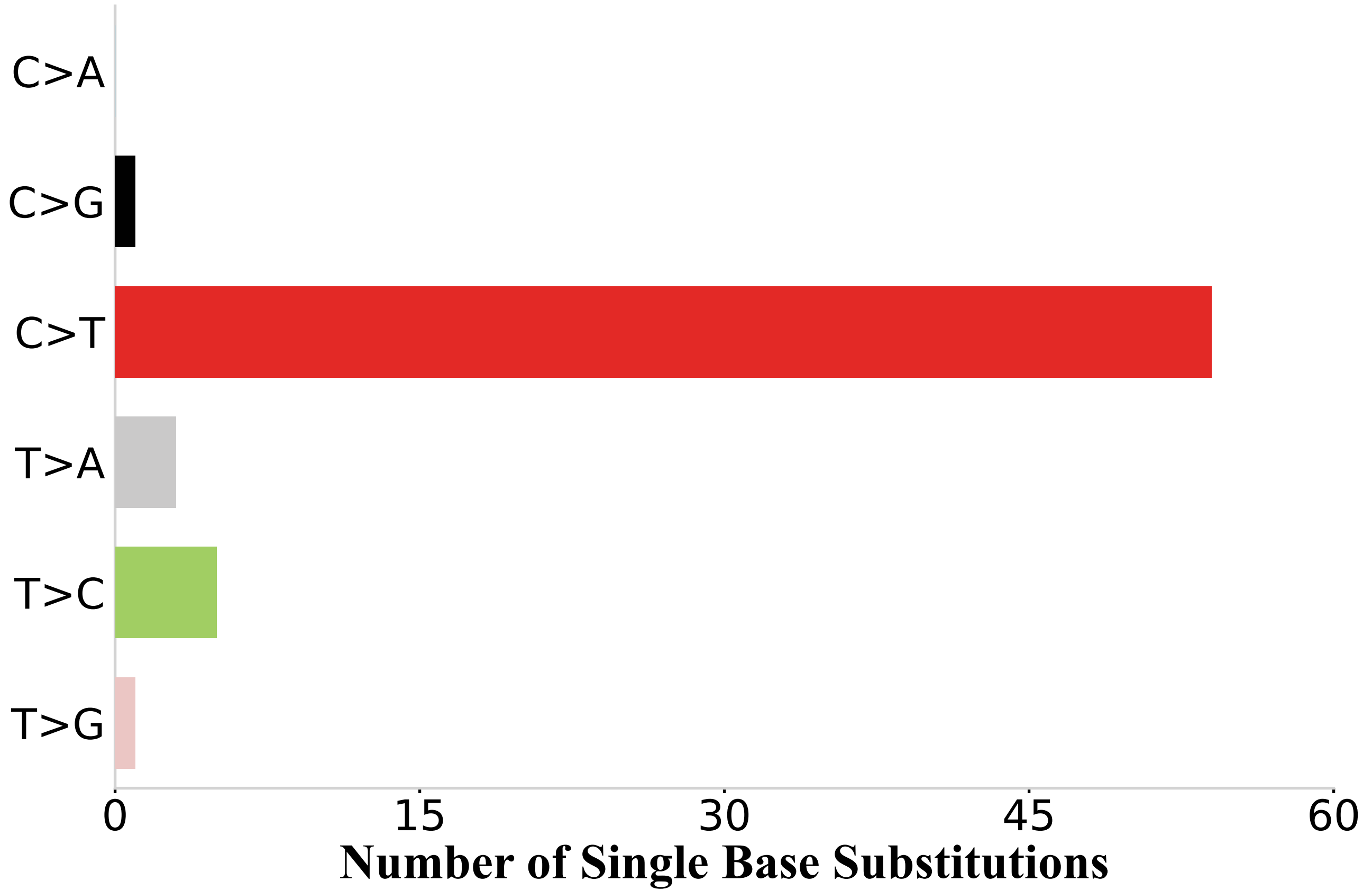
P-0000372-T01-IM3: 28 subs



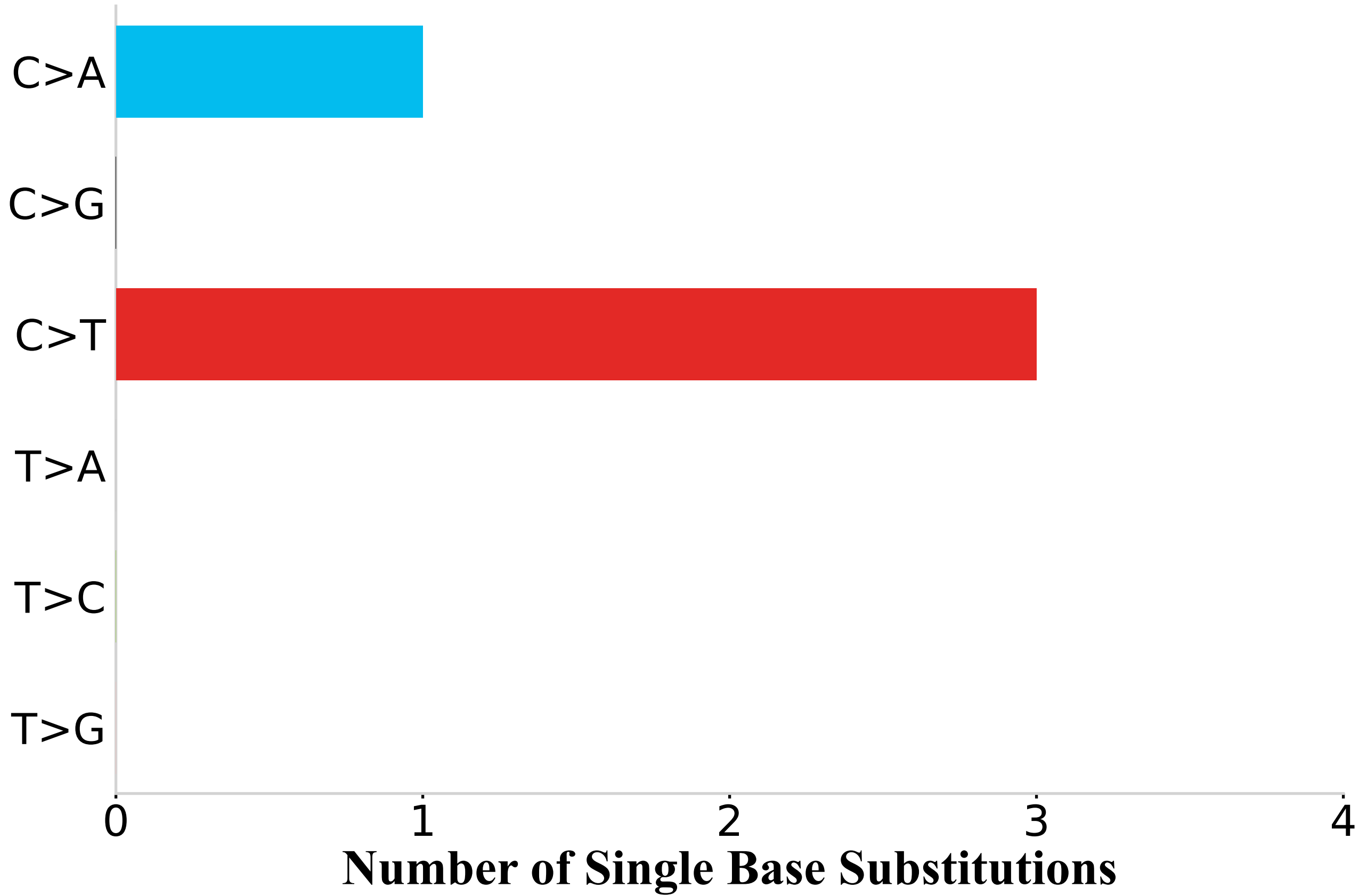
P-0000582-T01-IM3: 60 subs



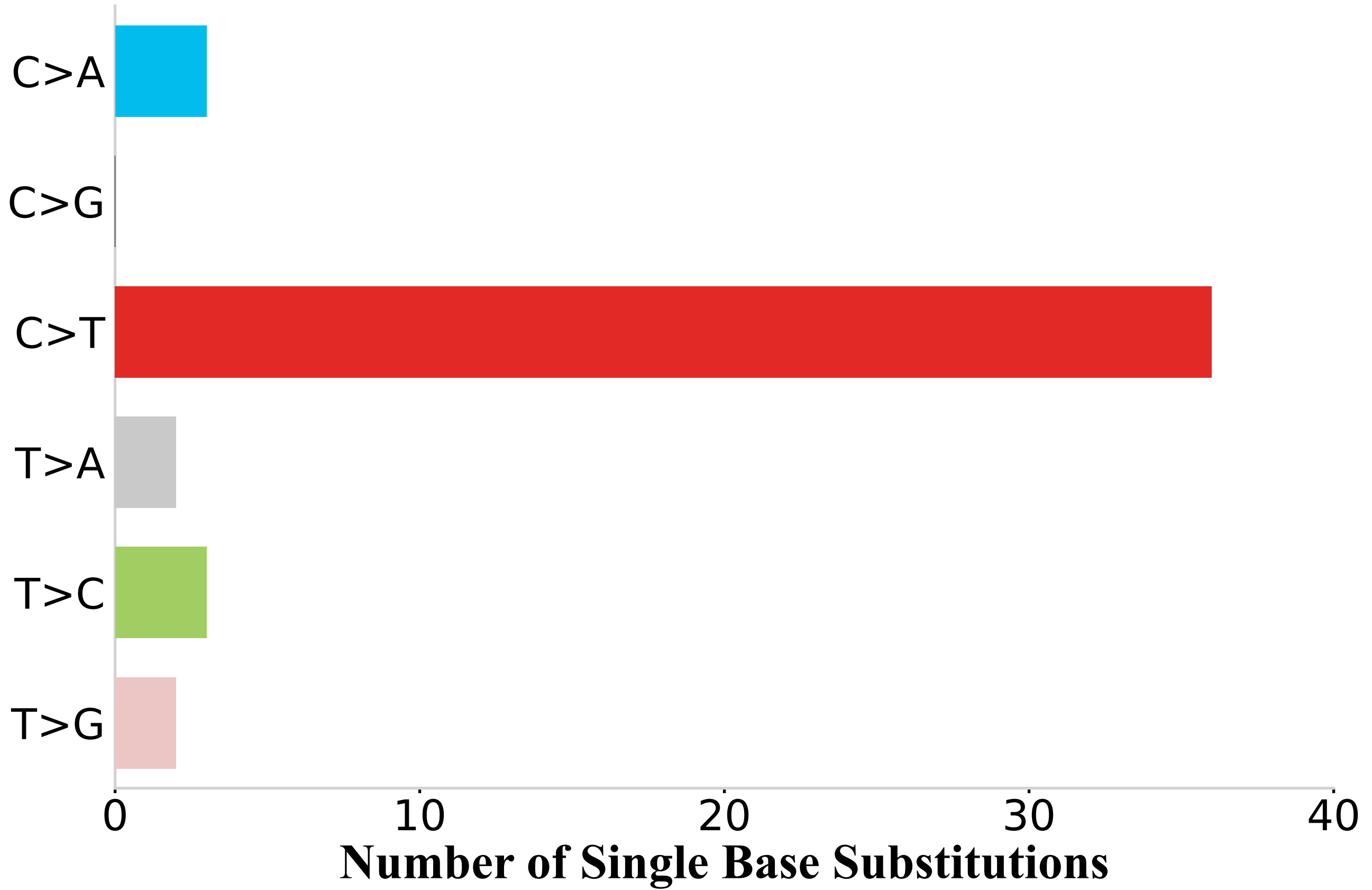
P-0000705-T01-IM3: 64 subs



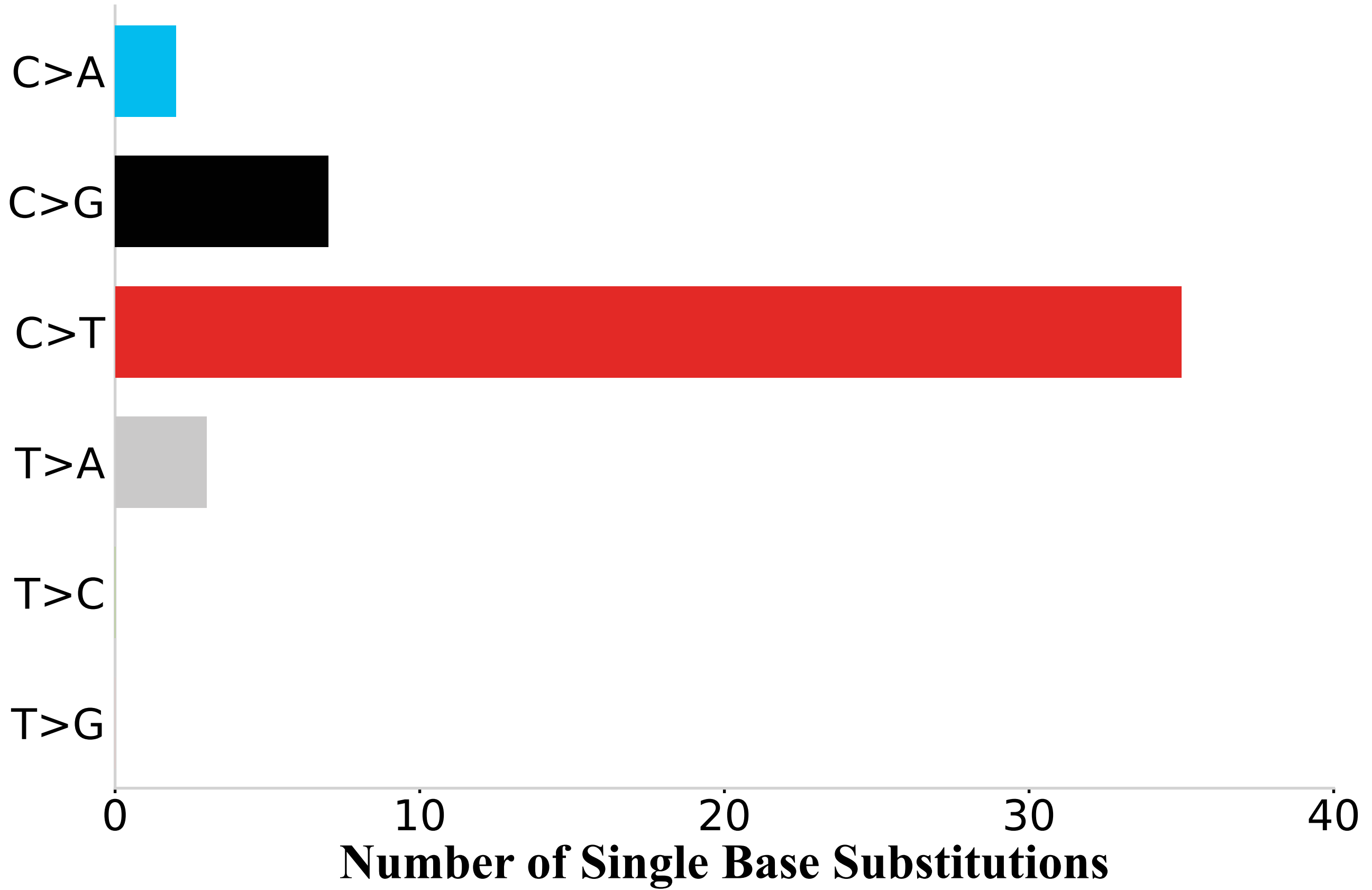
P-0000826-T01-IM3: 4 subs



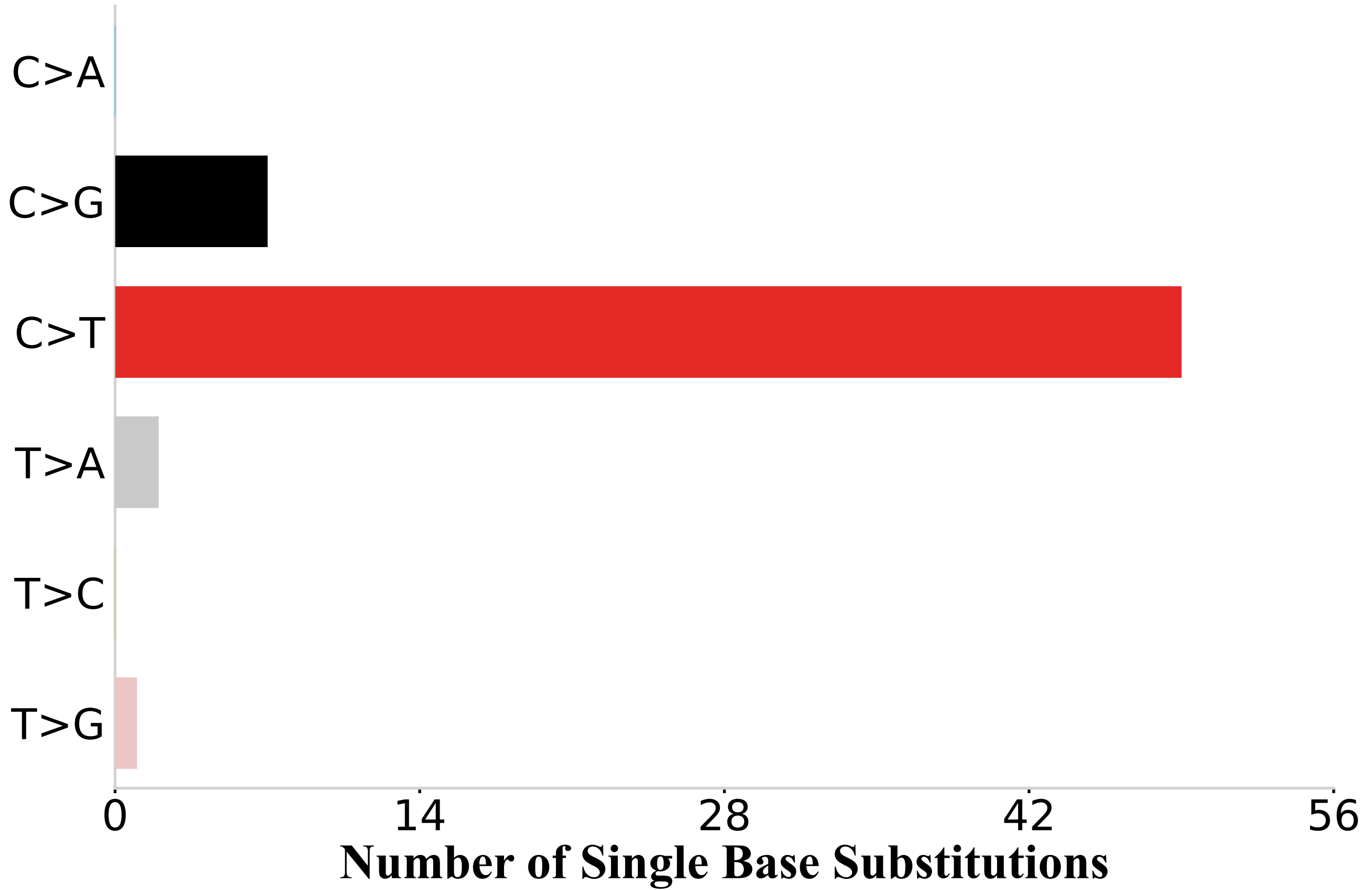
P-0000919-T01-IM3: 46 subs



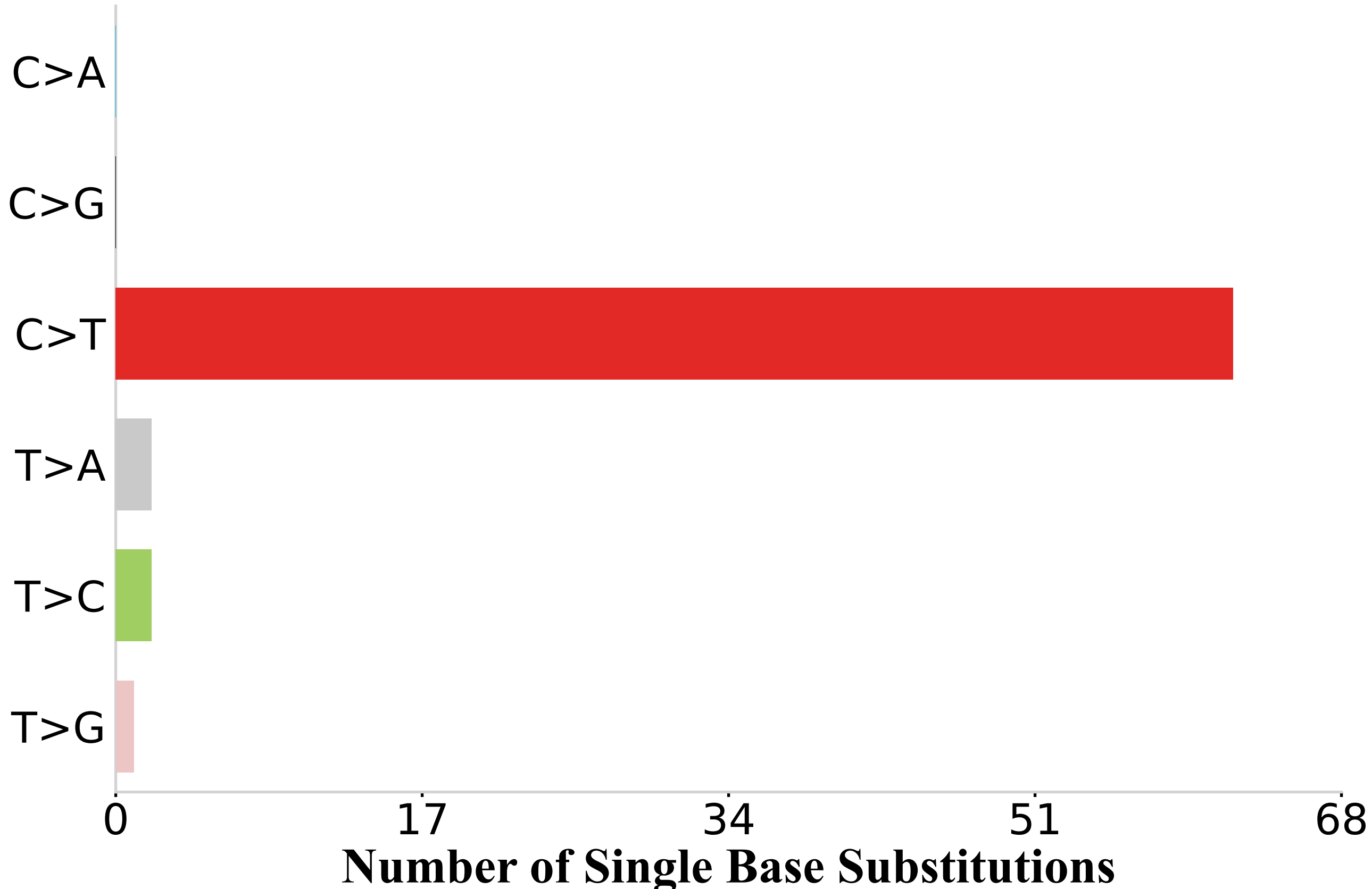
P-0000951-T01-IM3: 47 subs



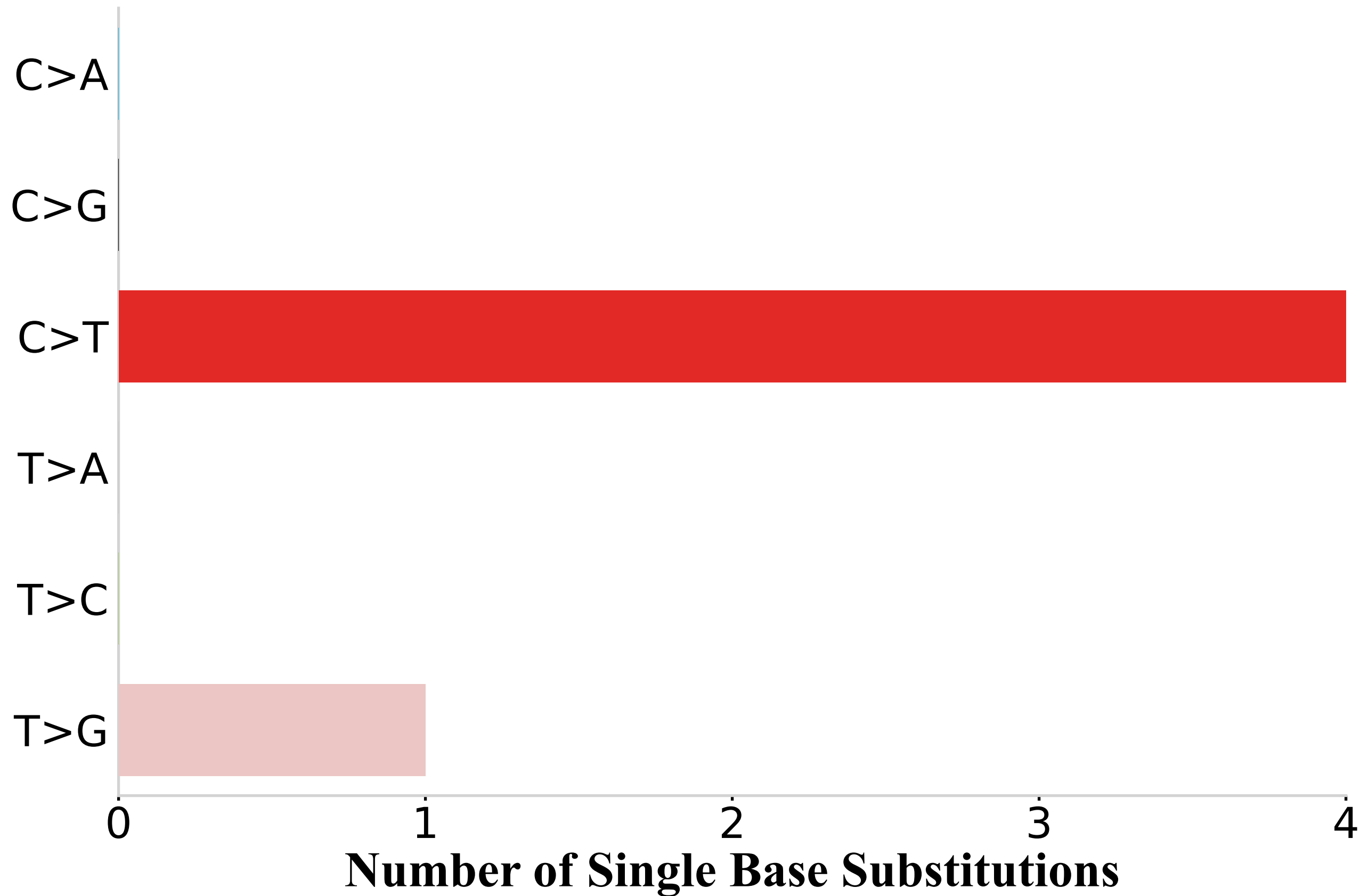
P-0001198-T01-IM3: 59 subs



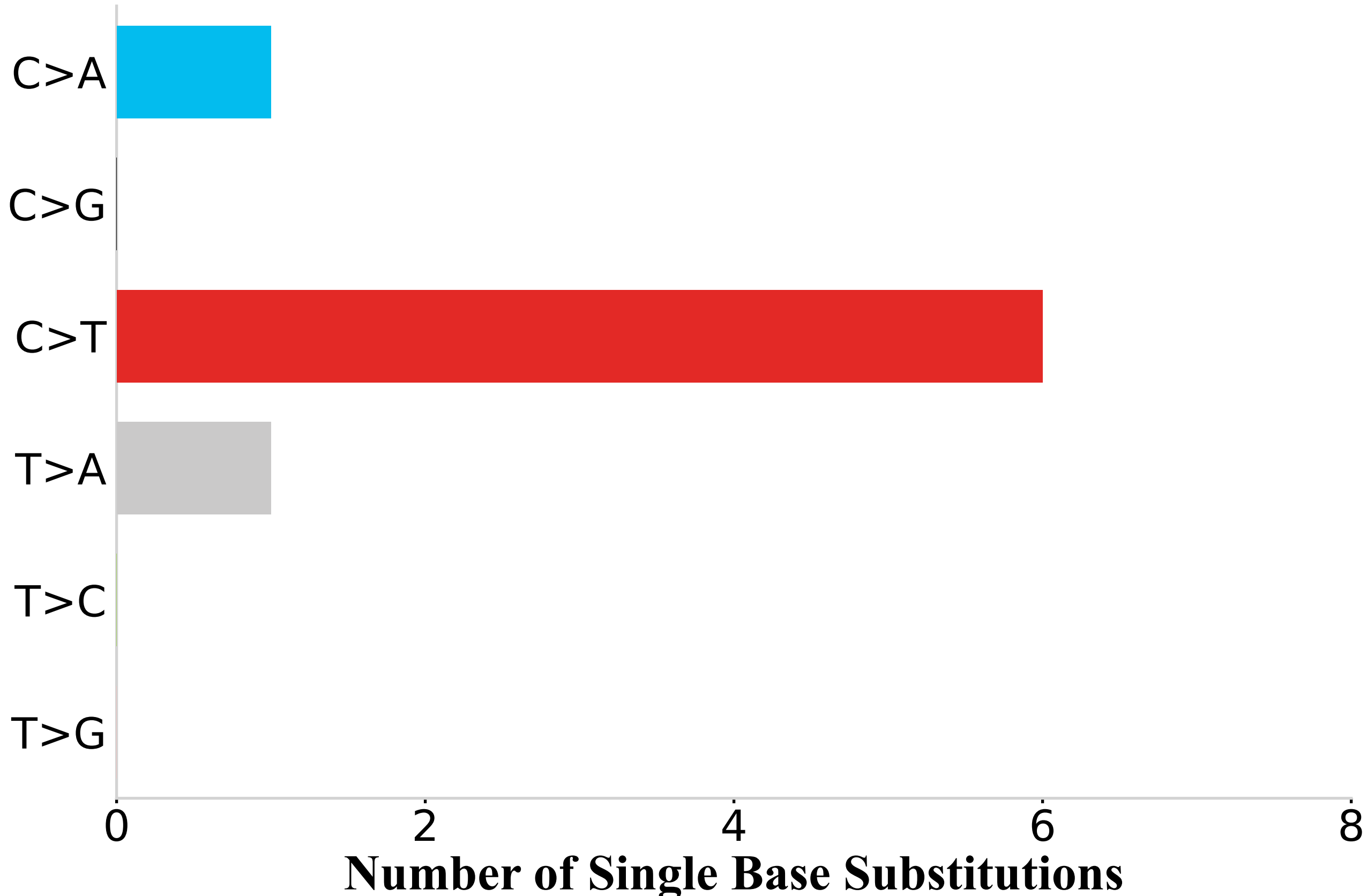
P-0001229-T01-IM3: 67 subs



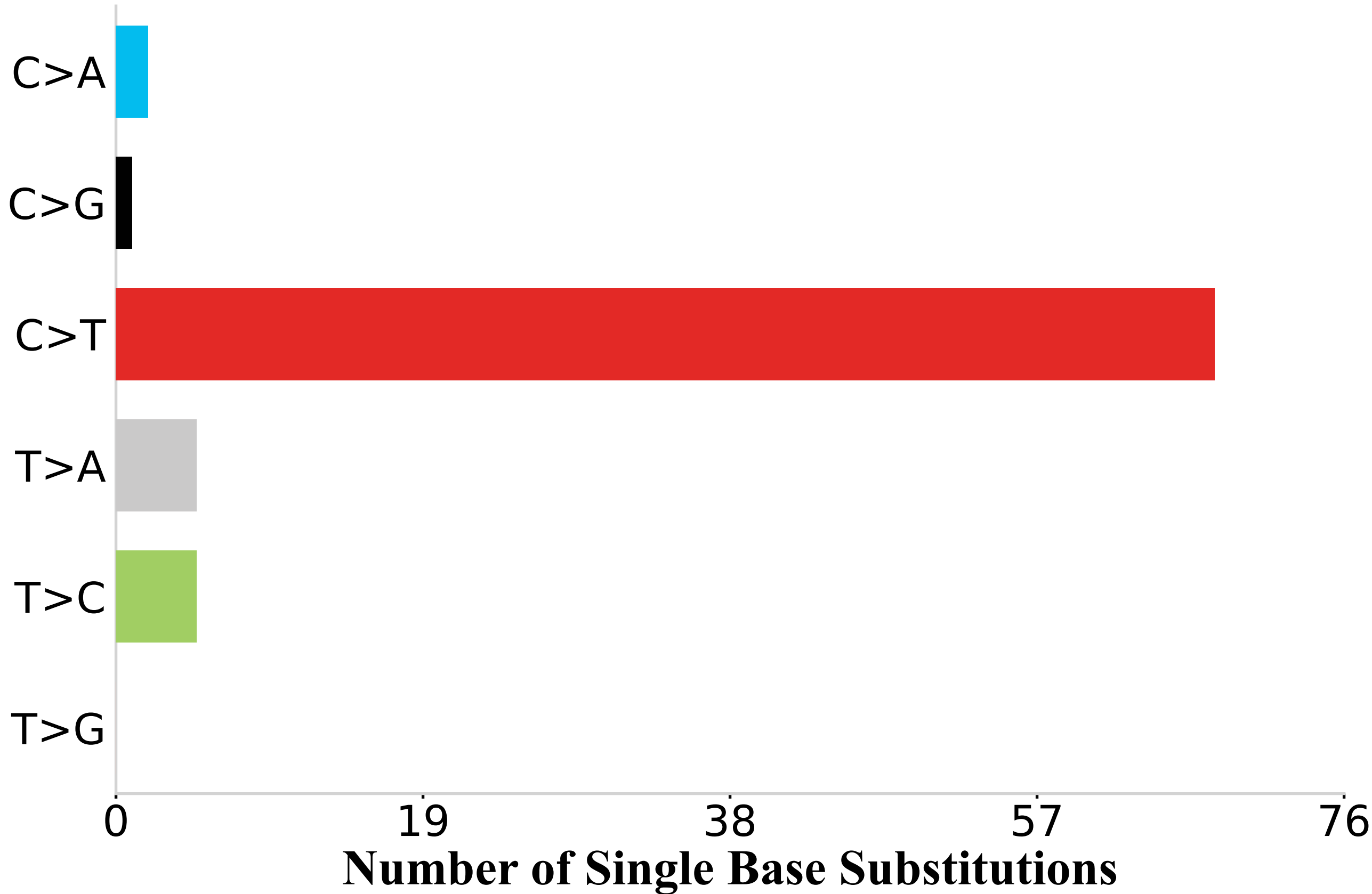
P-0001523-T01-IM3: 5 subs



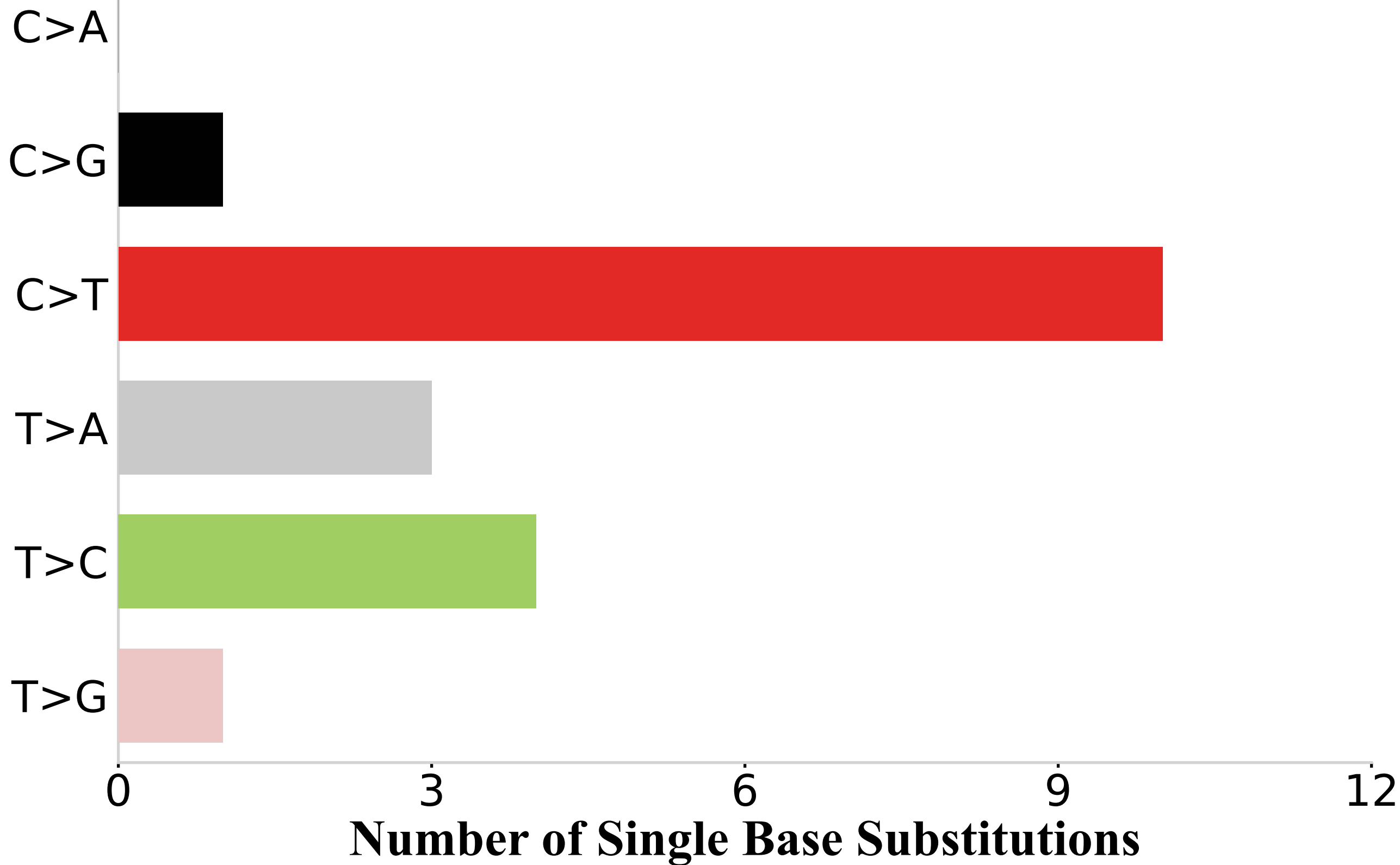
P-0001736-T01-IM3: 8 subs



P-0001744-T01-IM3: 81 subs



P-0002209-T02-IM5: 19 subs



P-0002881-T01-IM3: 4 subs

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C>G

C>T

T>A

T>C

T>G

0

1

2

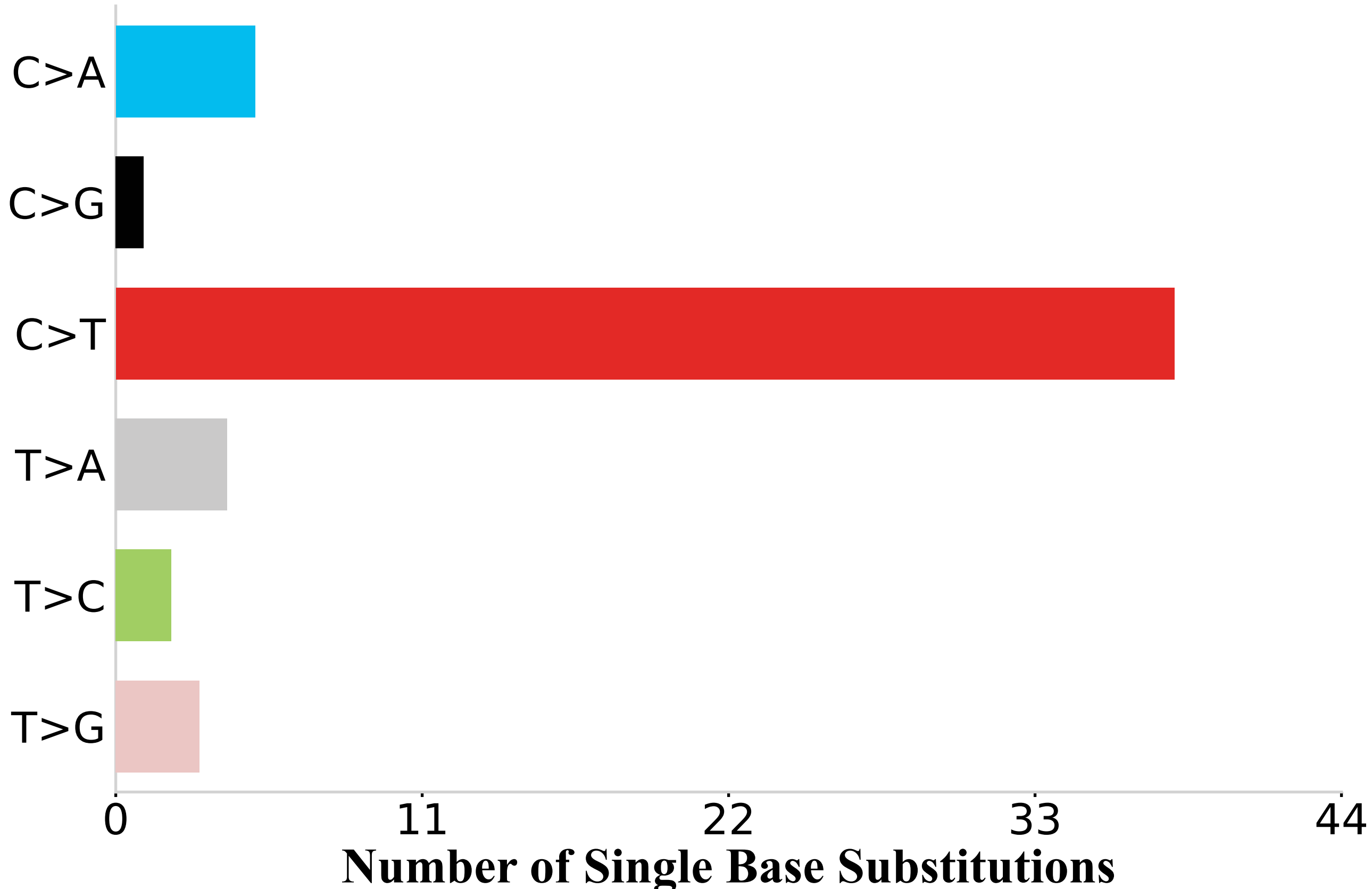
3

4

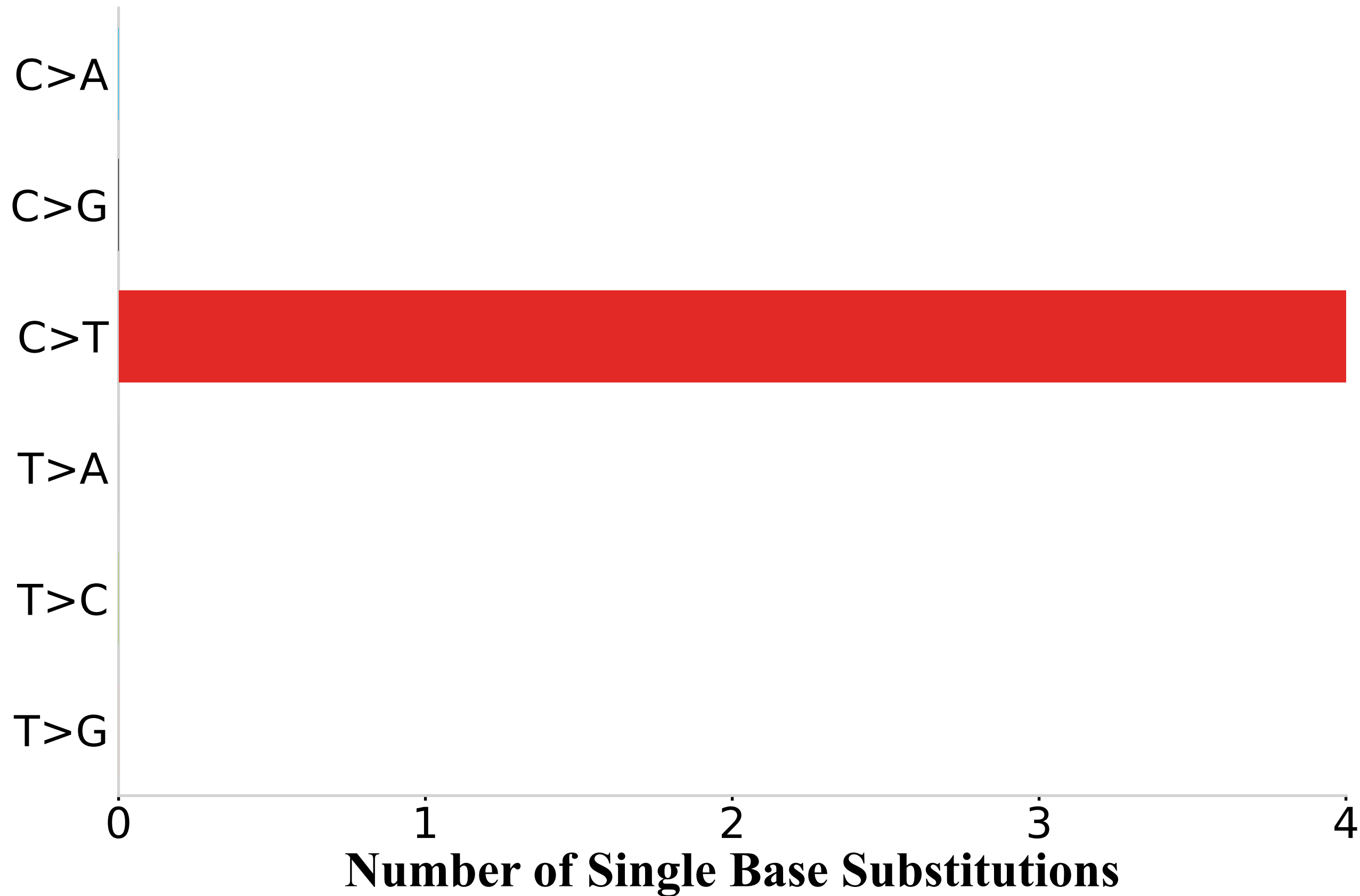
Number of Single Base Substitutions



P-0002998-T01-IM3: 53 subs



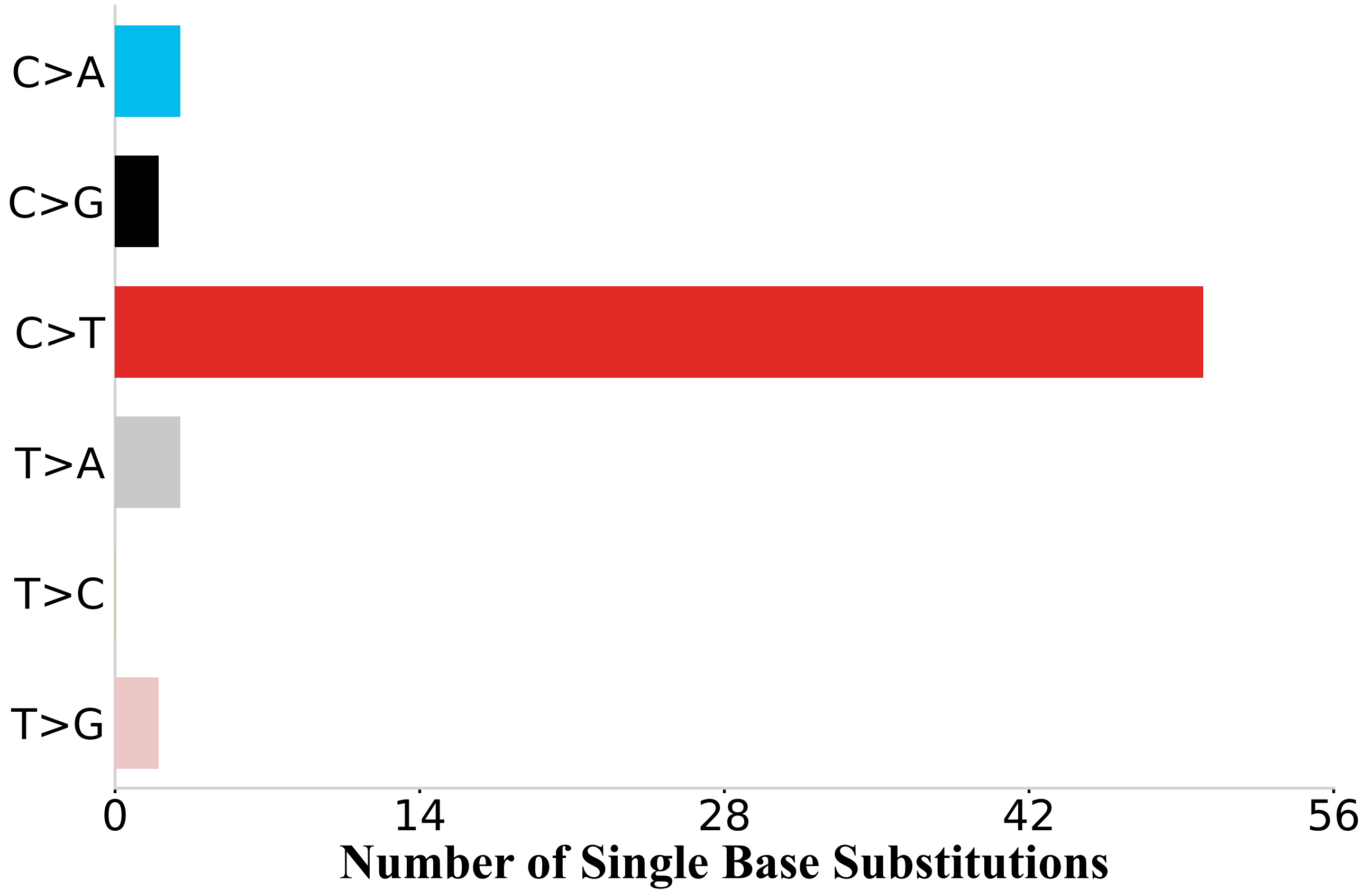
P-0003016-T01-IM3: 4 subs



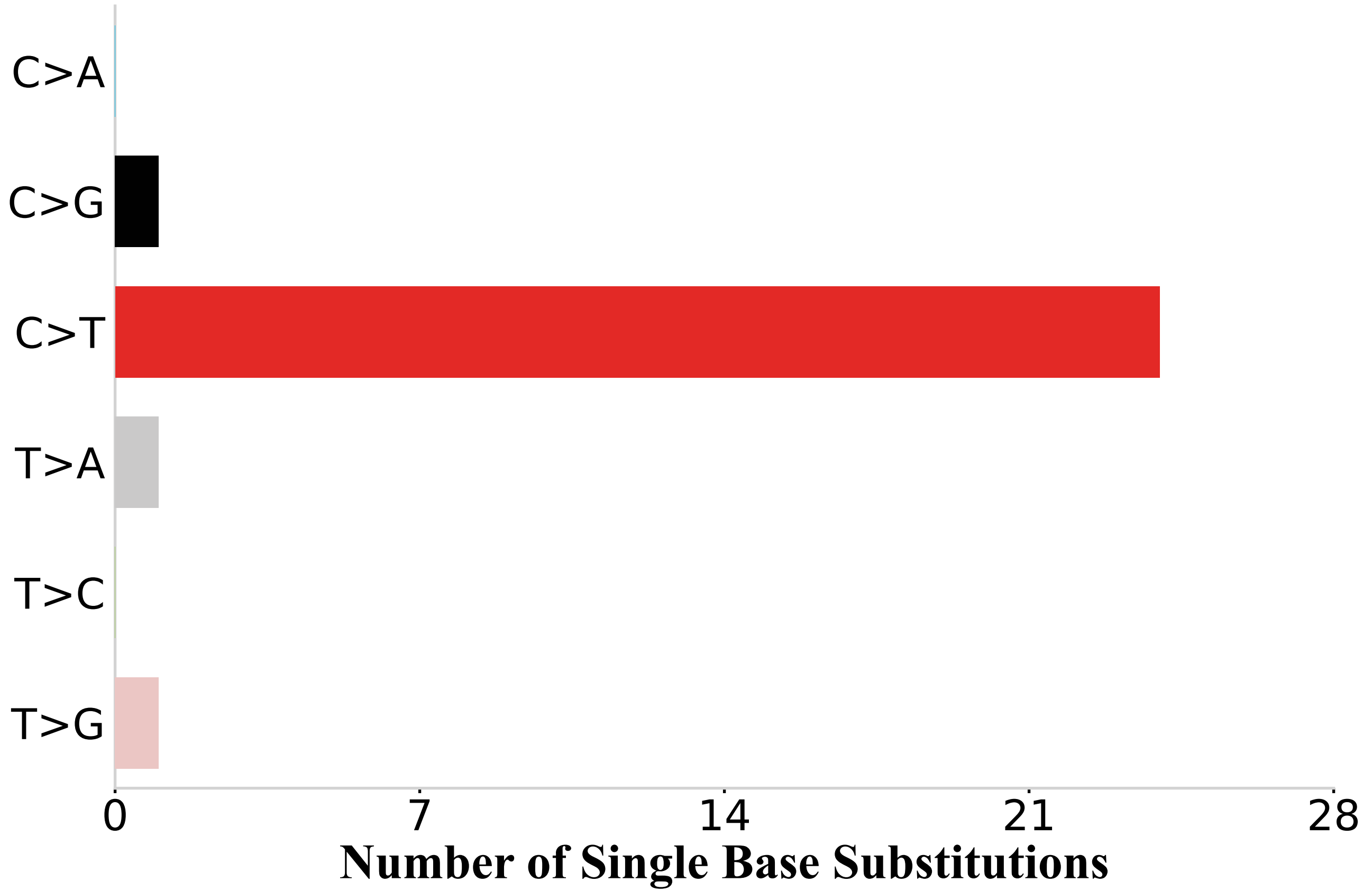
P-0003053-T01-IM5: 1 subs



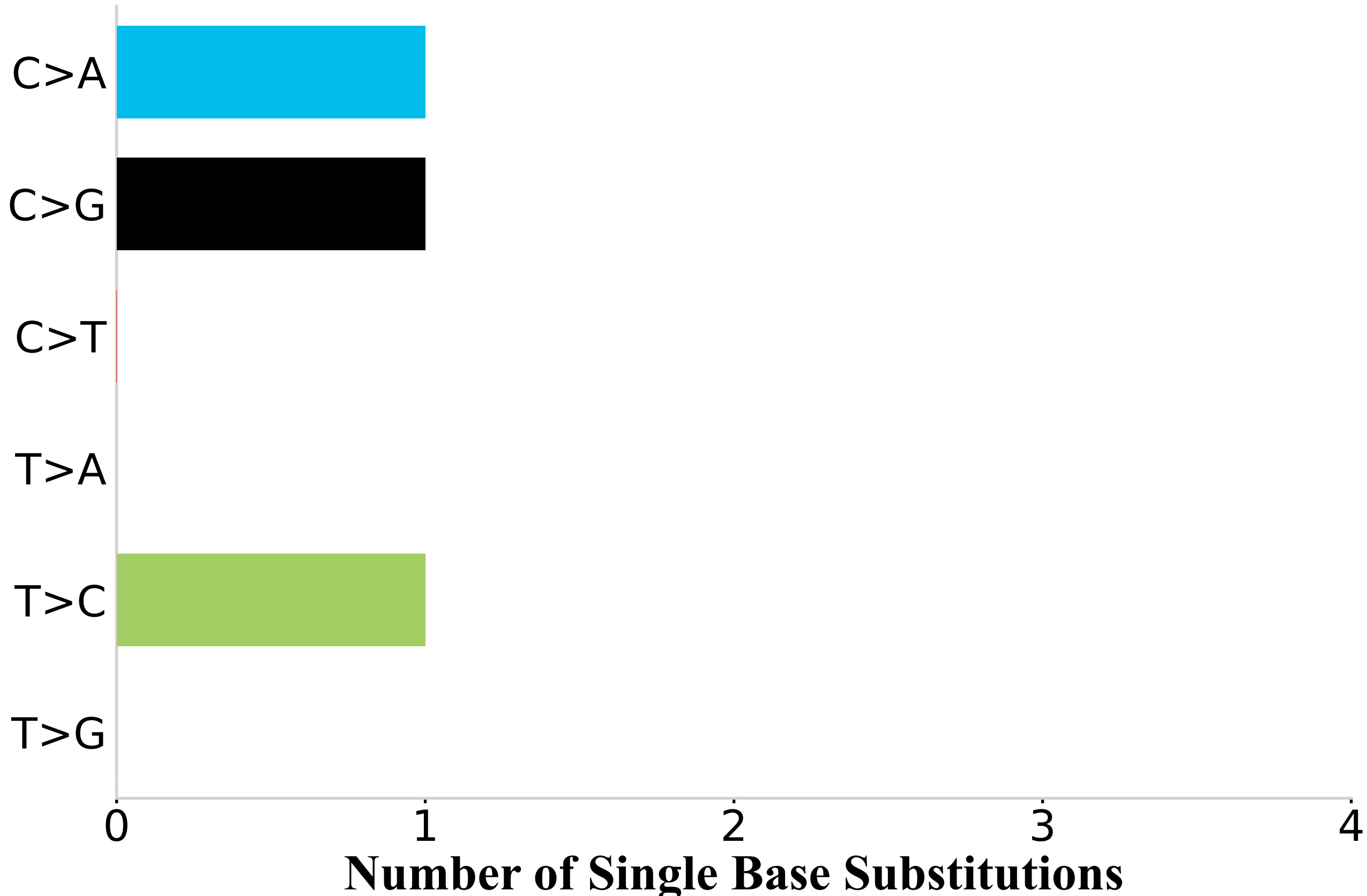
P-0003104-T01-IM5: 60 subs



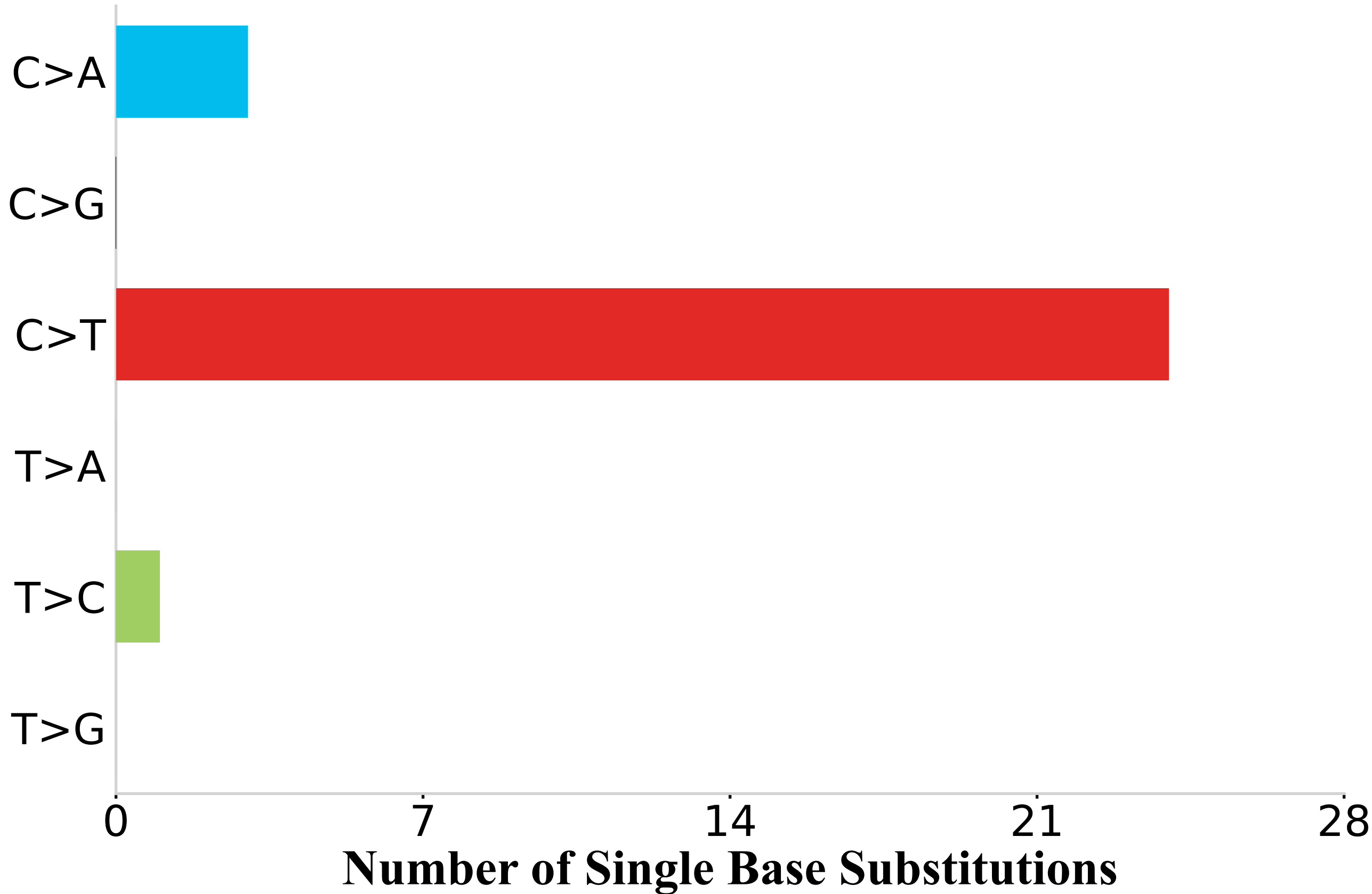
P-0003161-T01-IM5: 27 subs



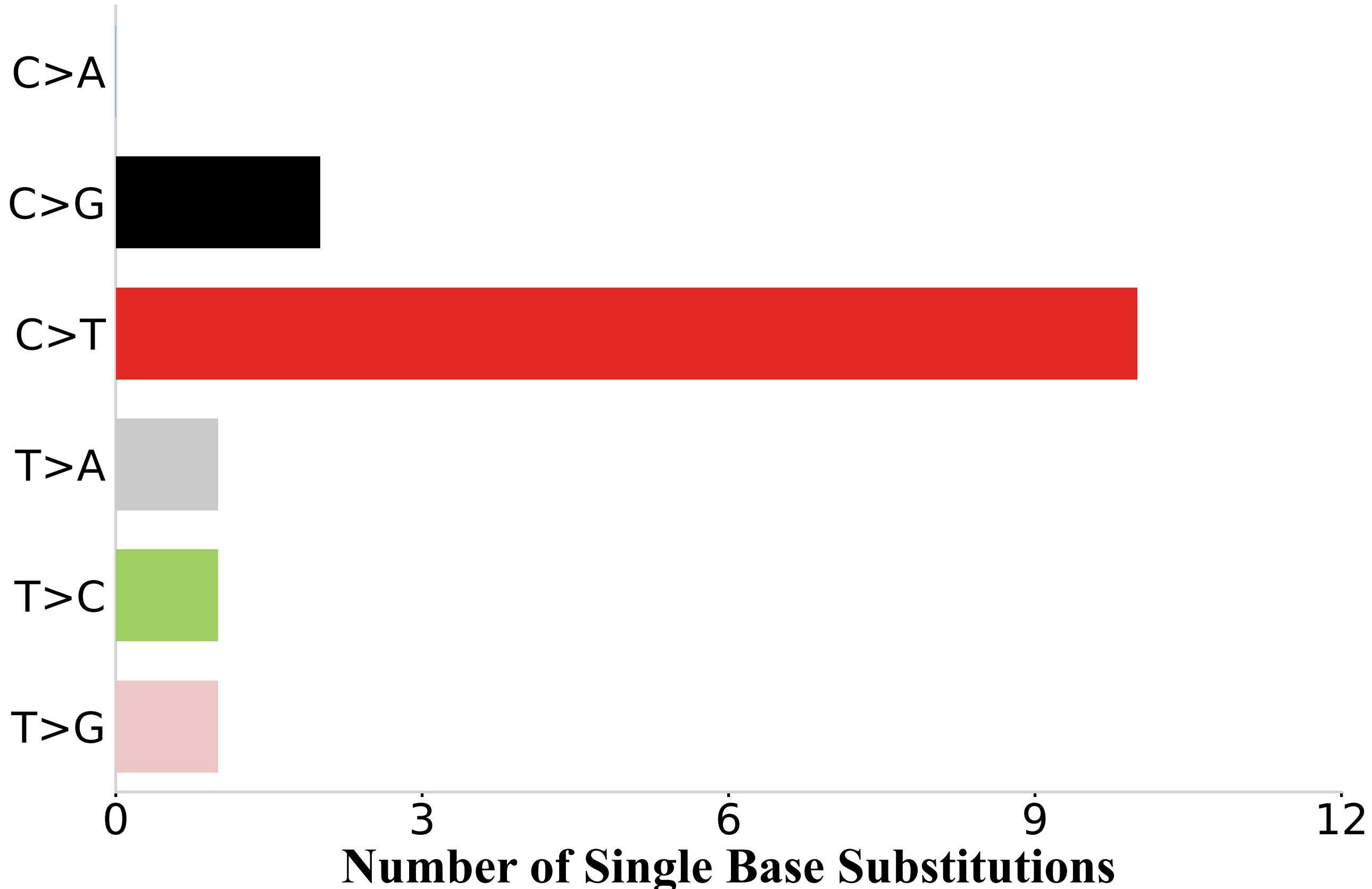
P-0003293-T01-IM5: 3 subs



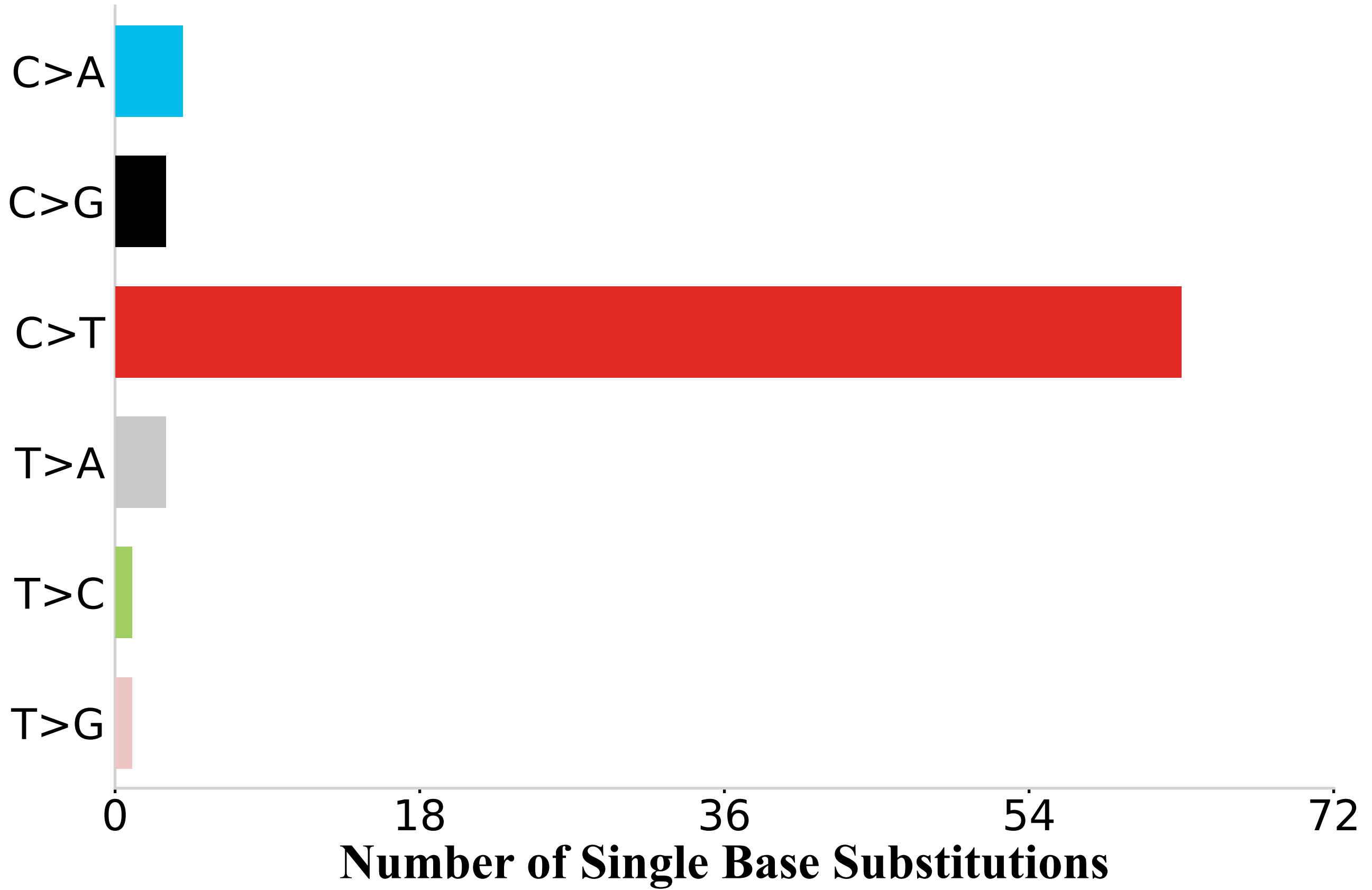
P-0003610-T01-IM5: 28 subs



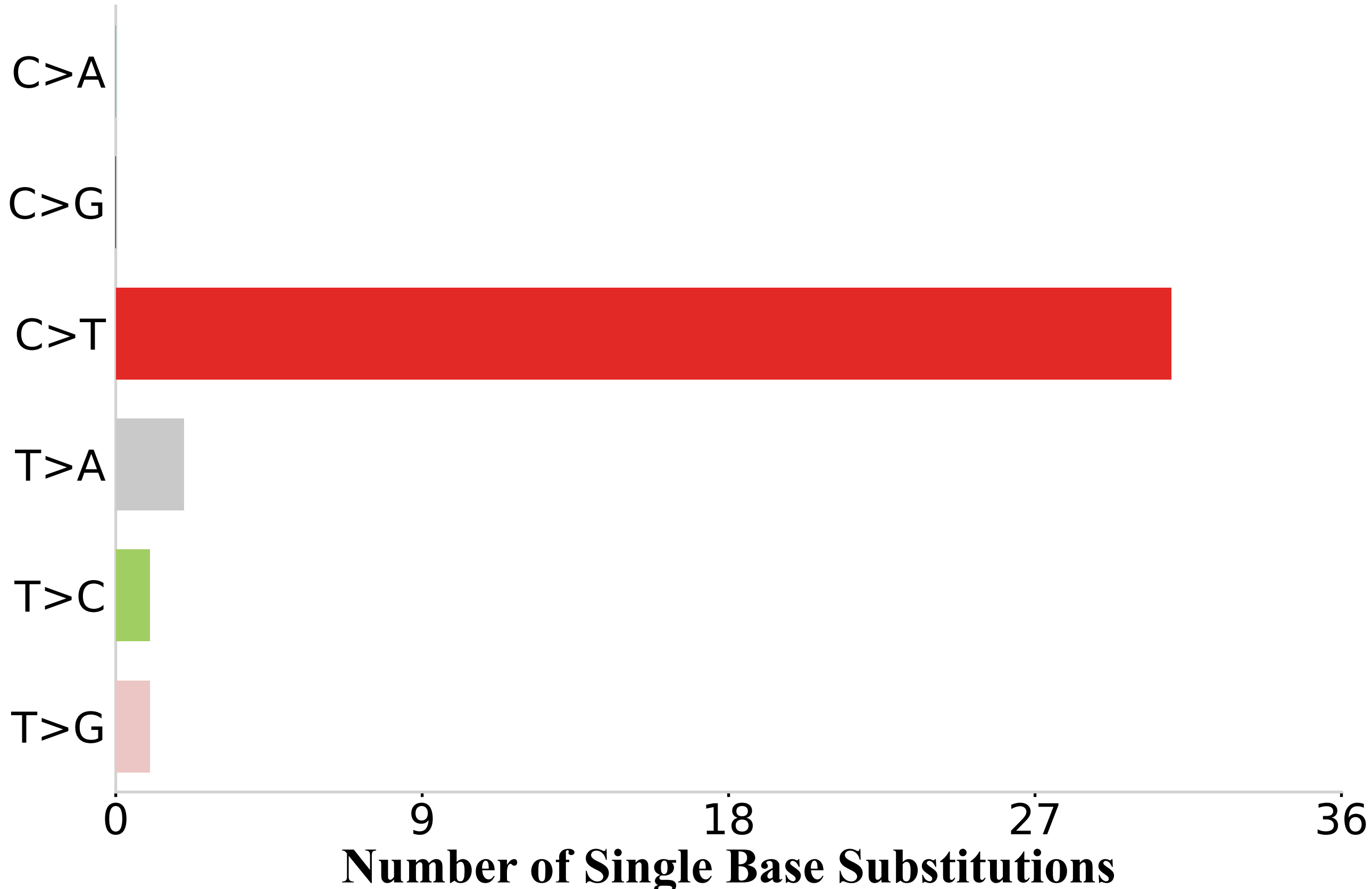
P-0003857-T01-IM5: 15 subs



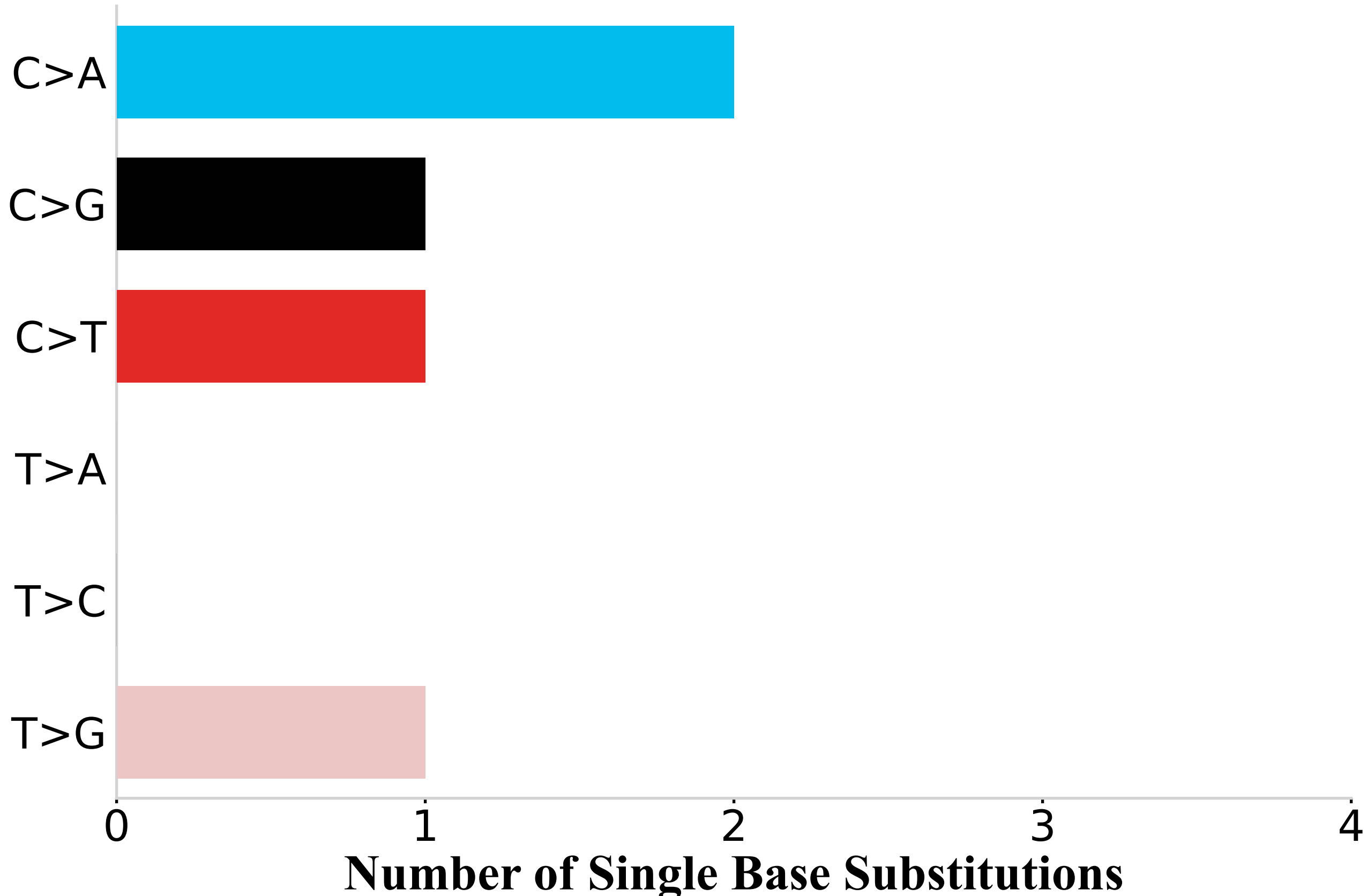
P-0003891-T01-IM5: 75 subs



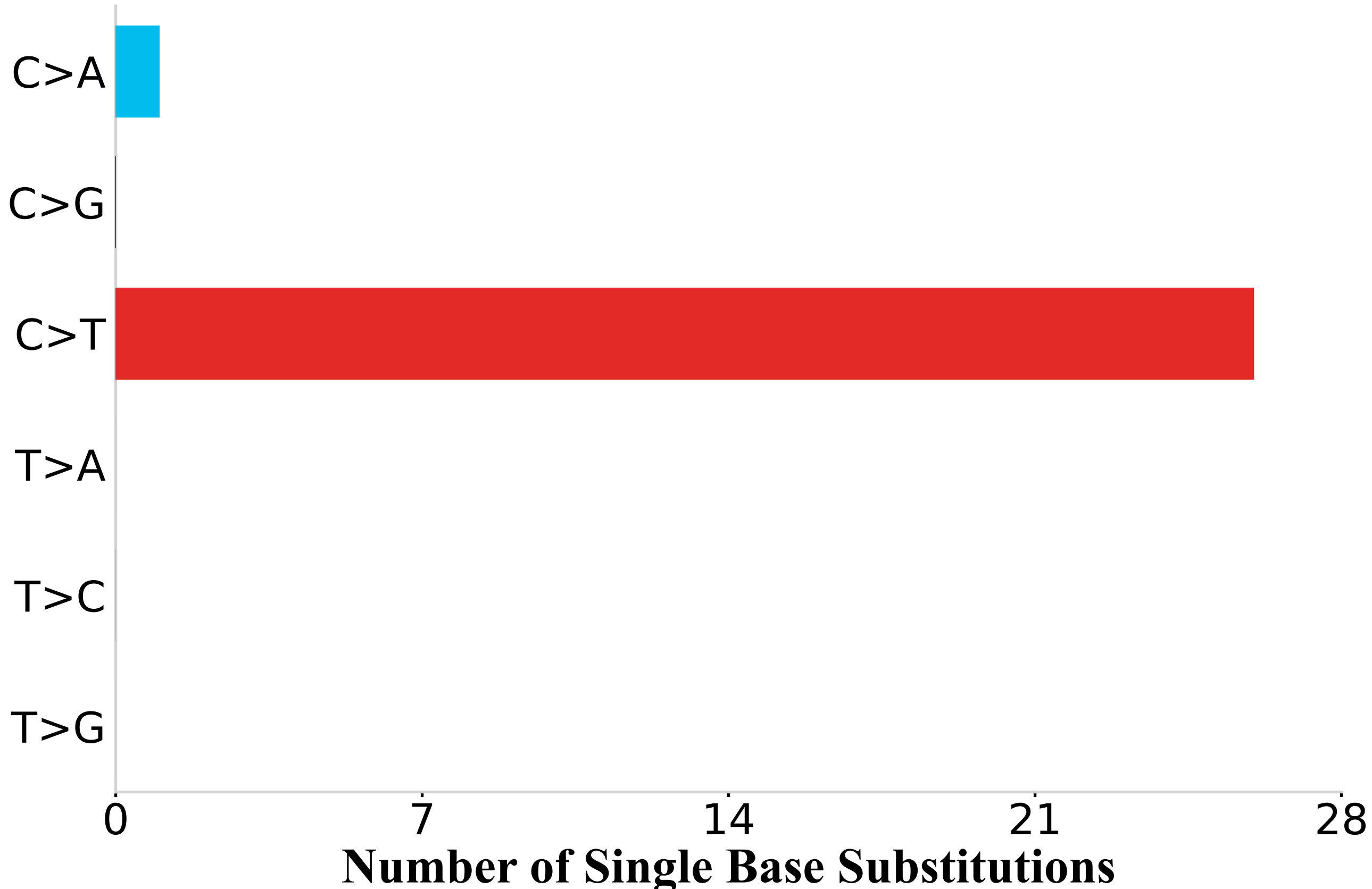
P-0003951-T01-IM3: 35 subs



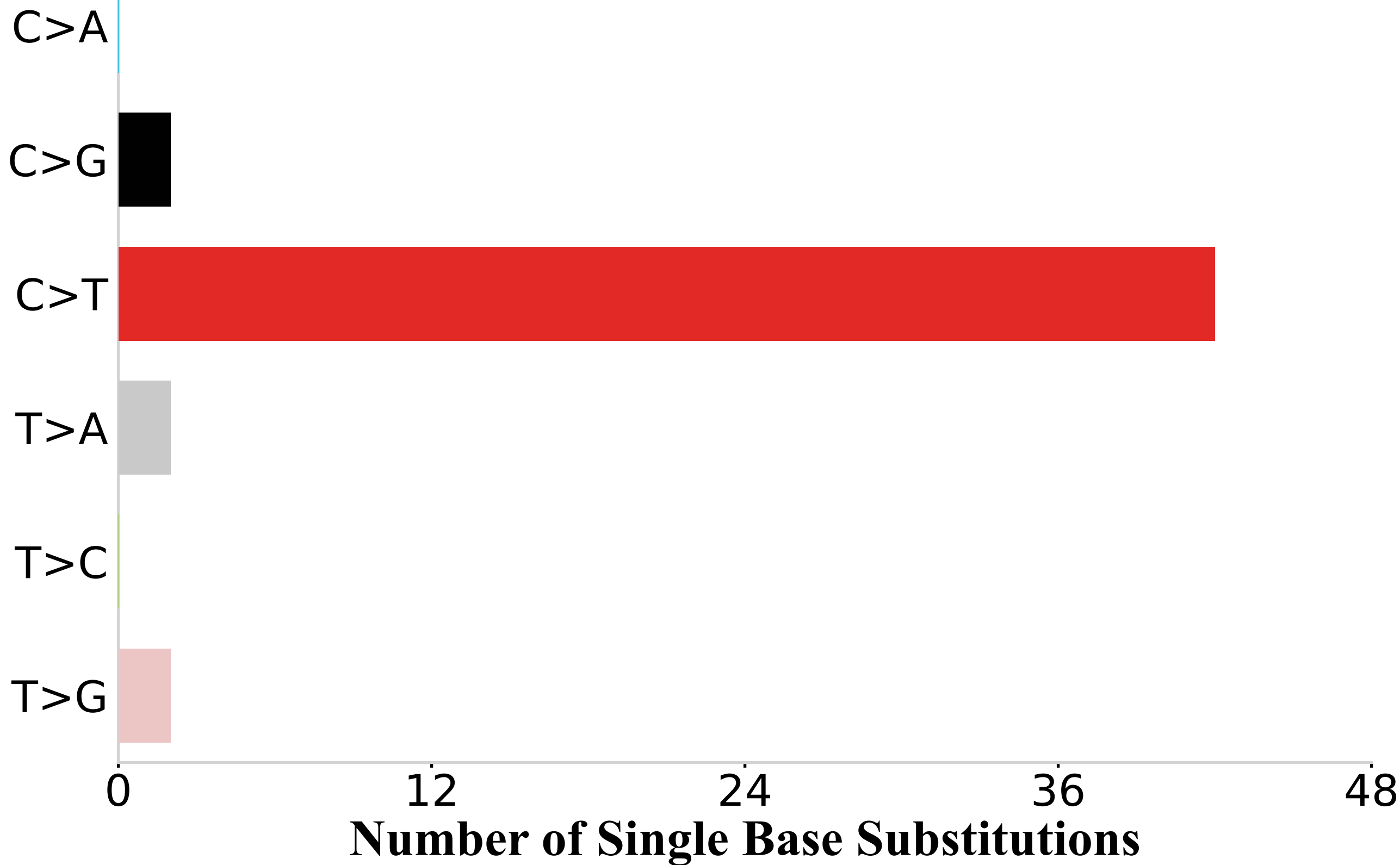
P-0004130-T01-IM5: 5 subs



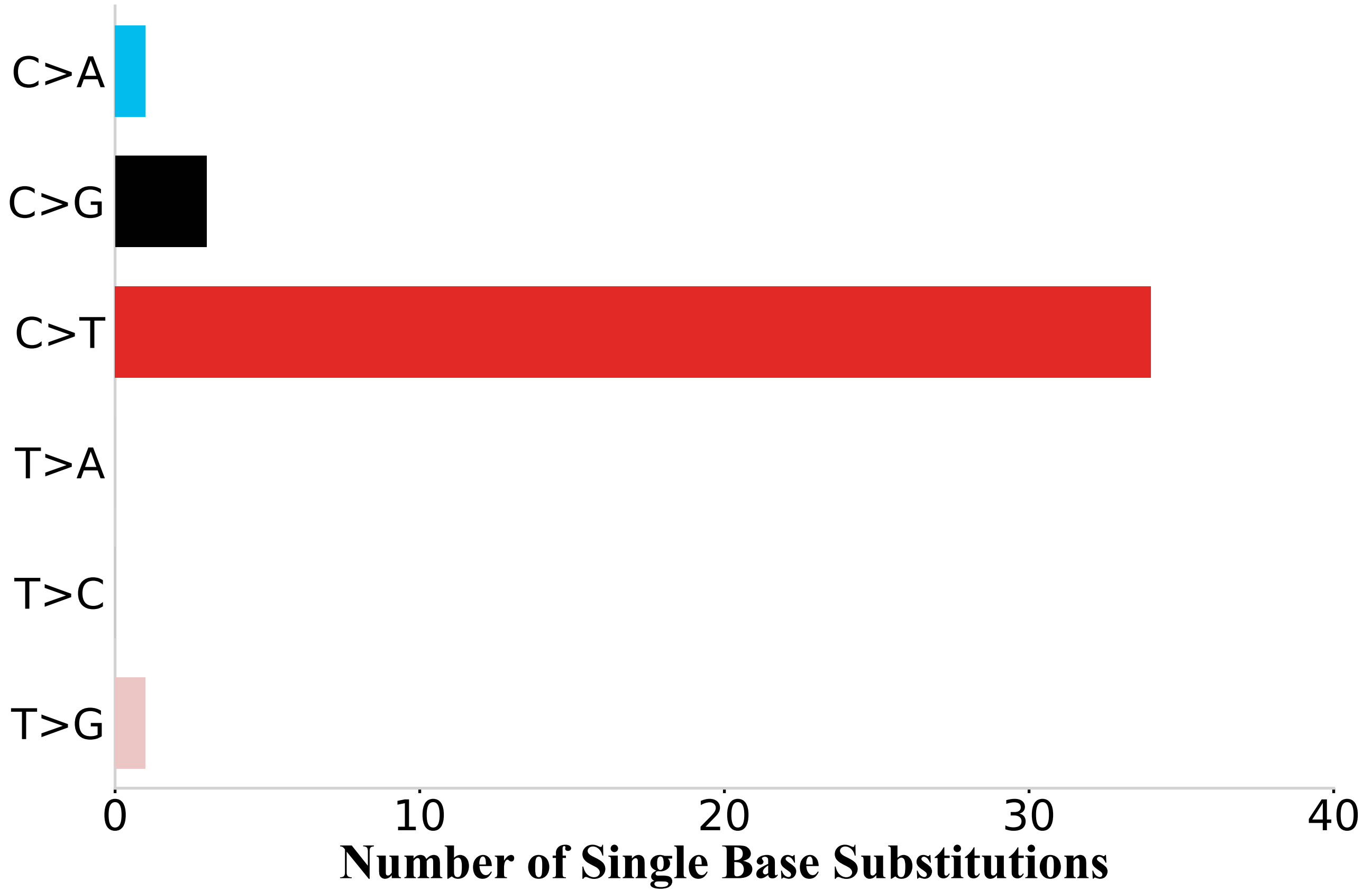
P-0004239-T01-IM5: 27 subs



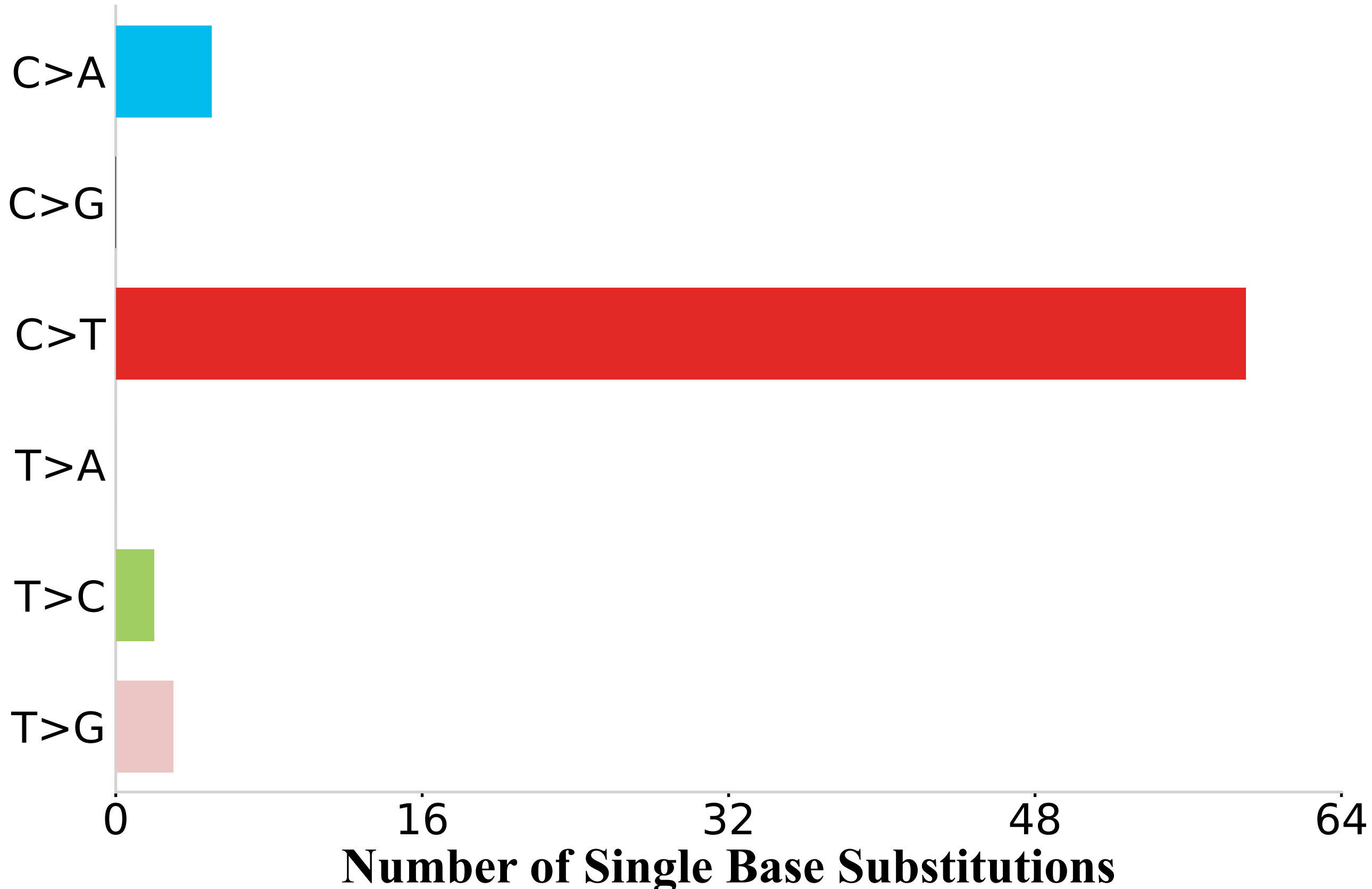
P-0004641-T01-IM5: 48 subs



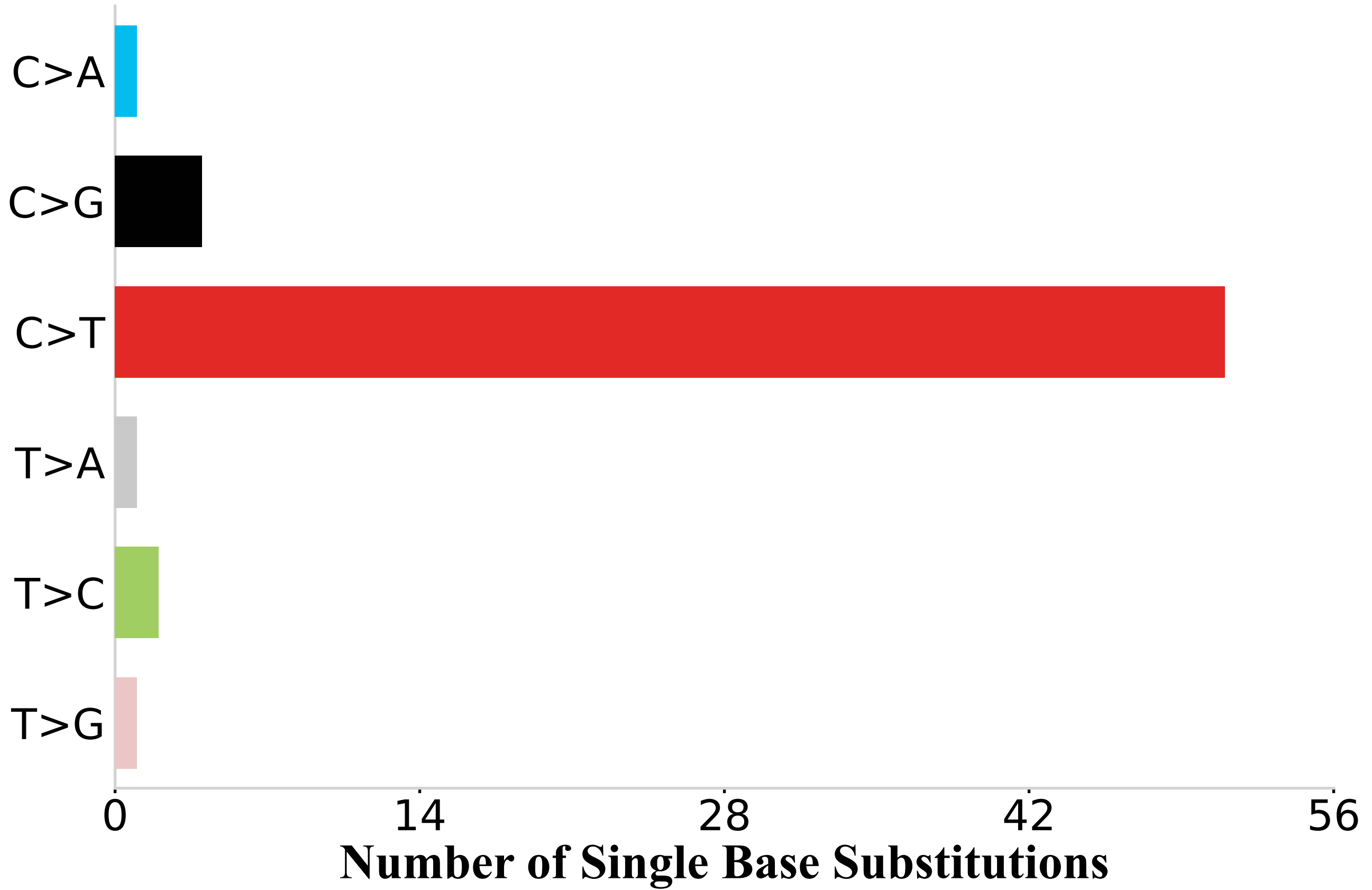
P-0004831-T01-IM5: 39 subs



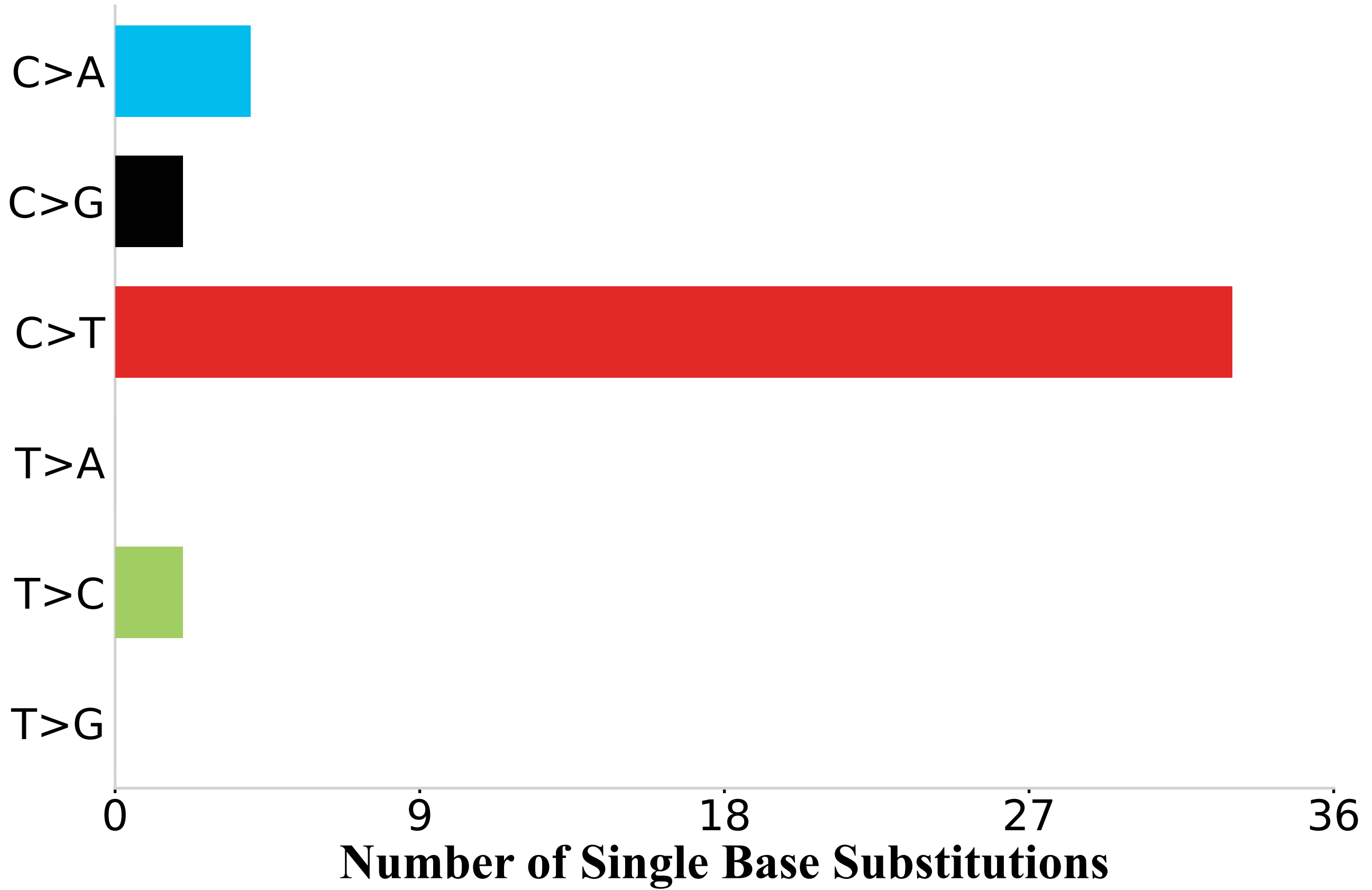
P-0005509-T01-IM5: 69 subs



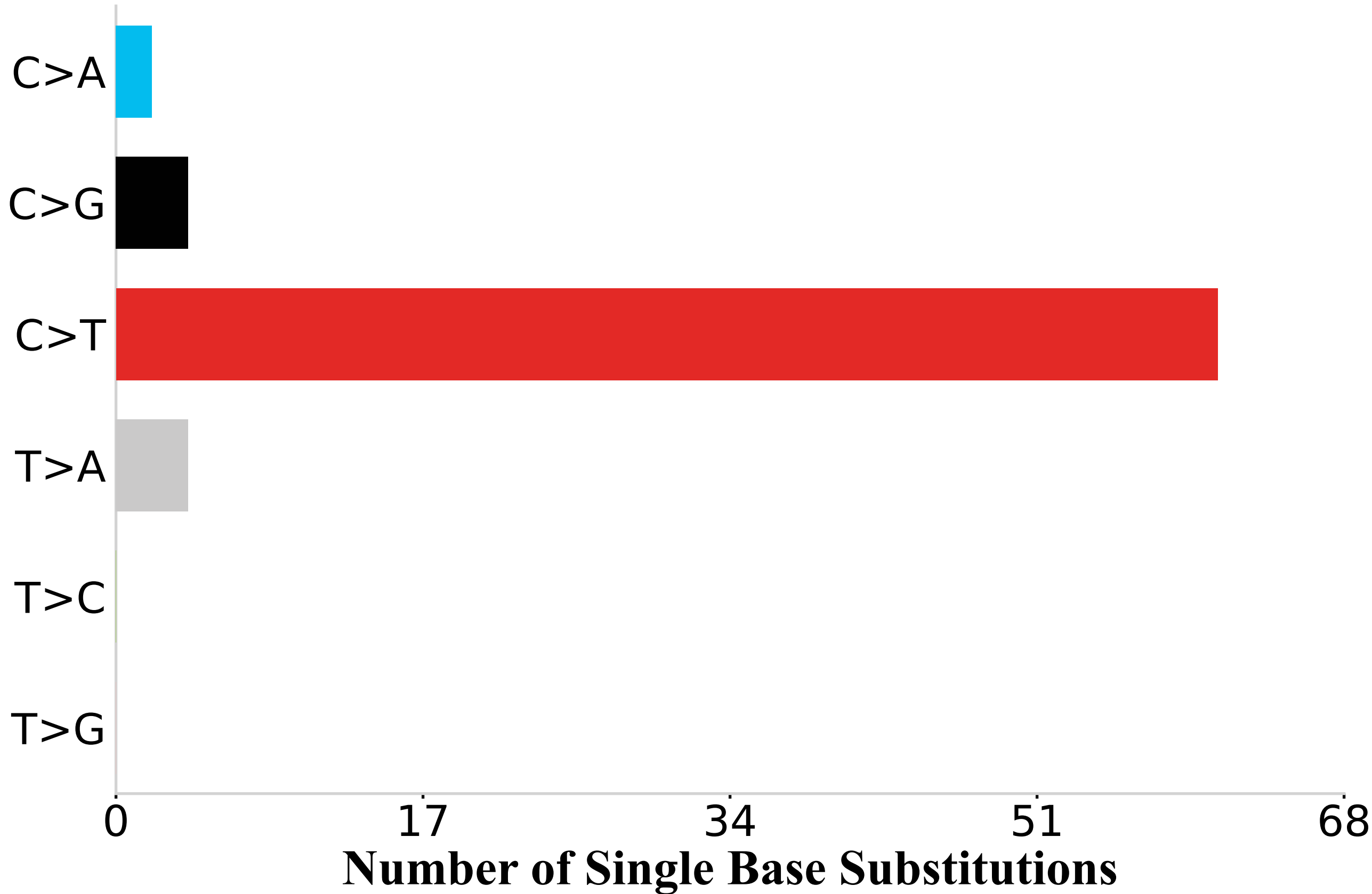
P-0005619-T02-IM5: 60 subs



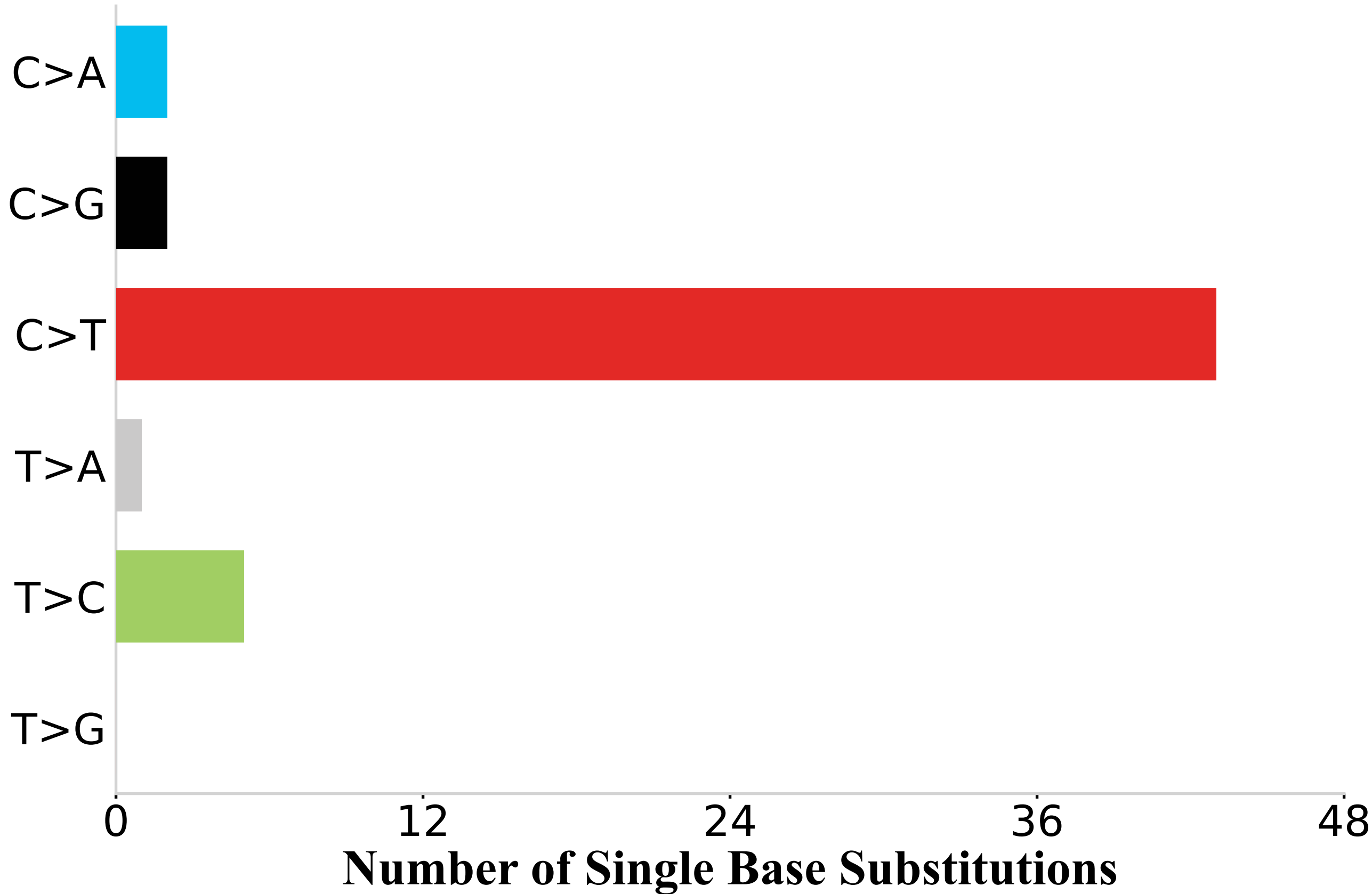
P-0005703-T01-IM5: 41 subs



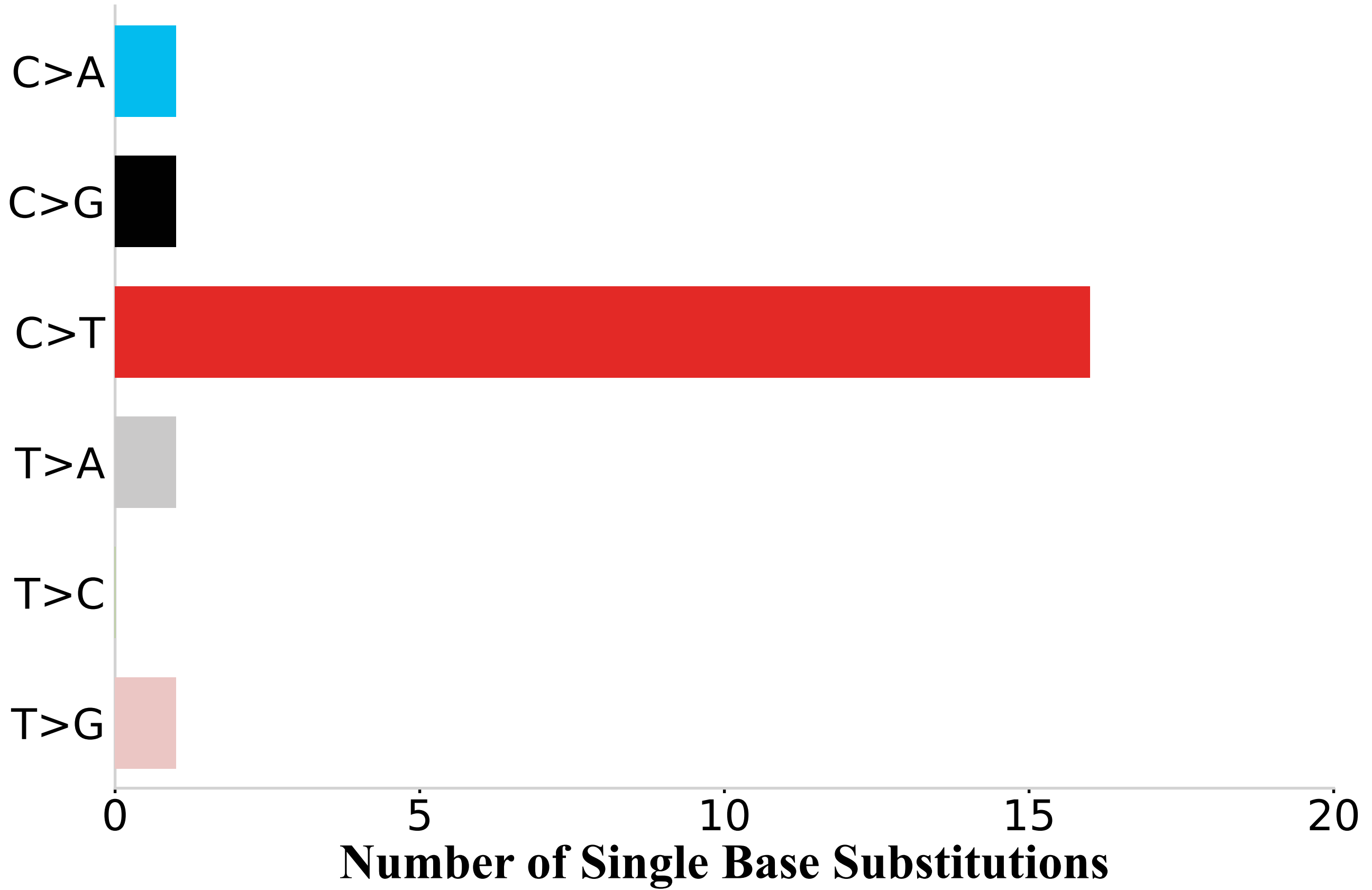
P-0006754-T01-IM5: 71 subs



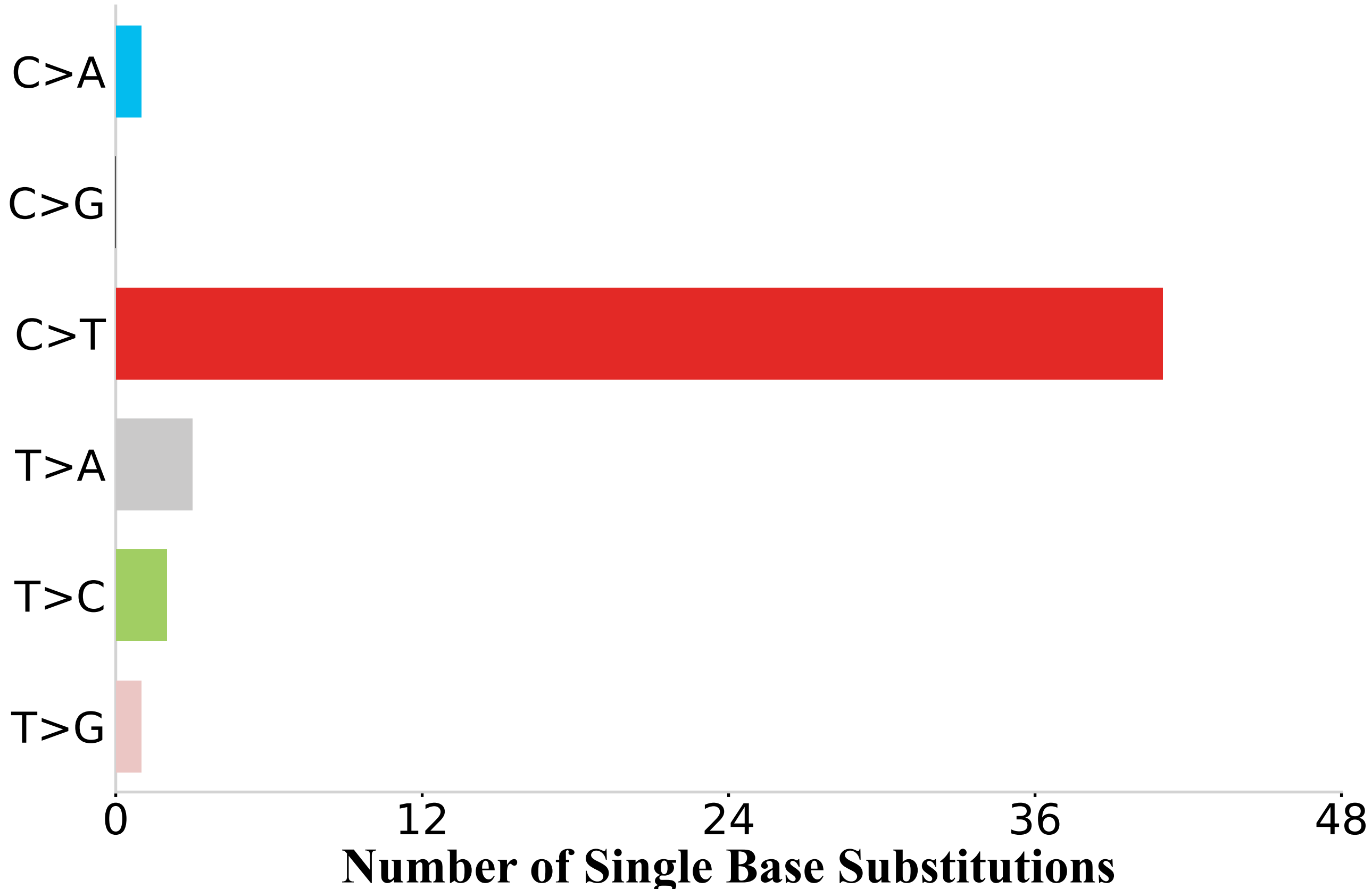
P-0007277-T01-IM5: 53 subs



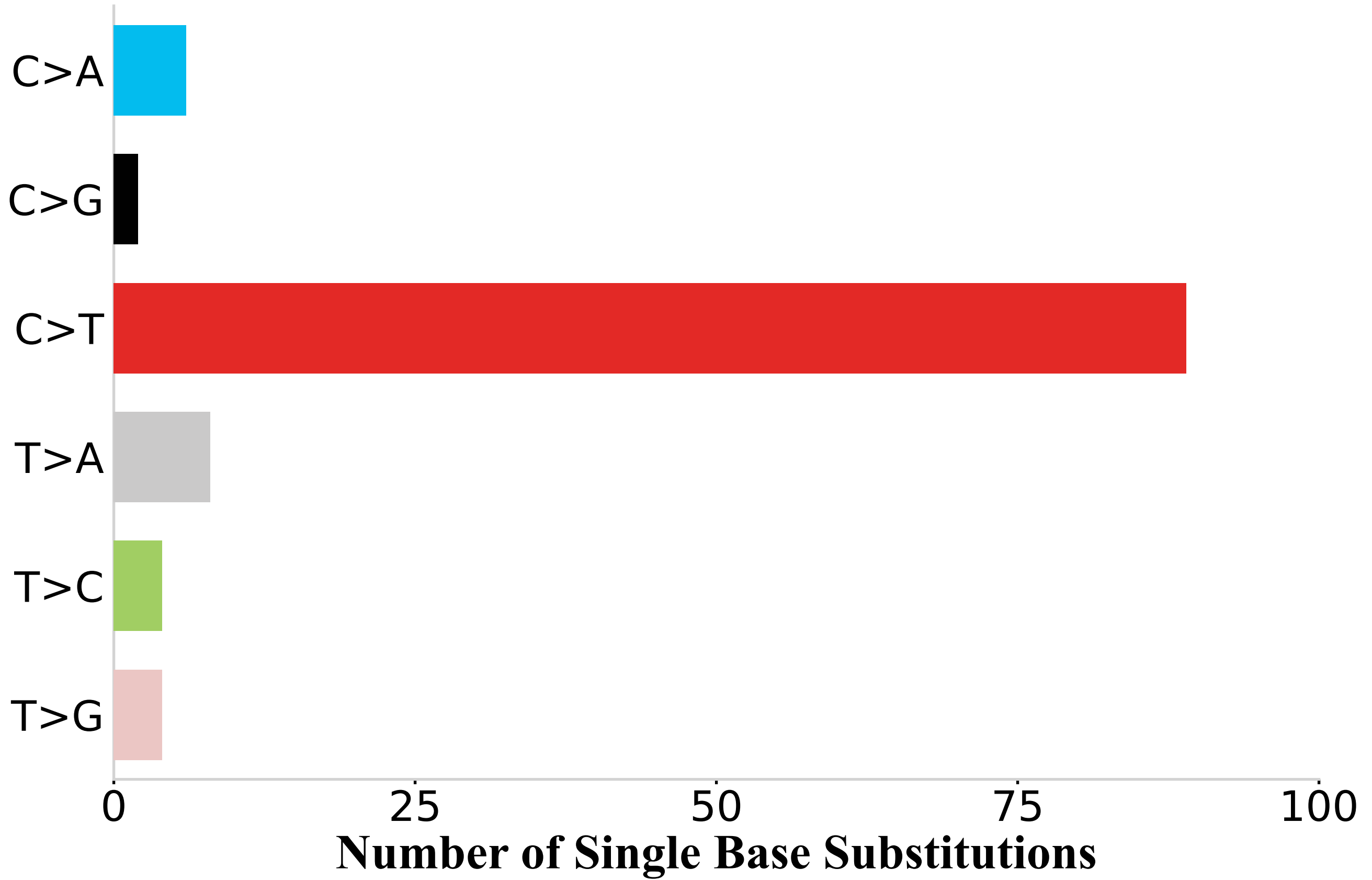
P-0008358-T01-IM5: 20 subs



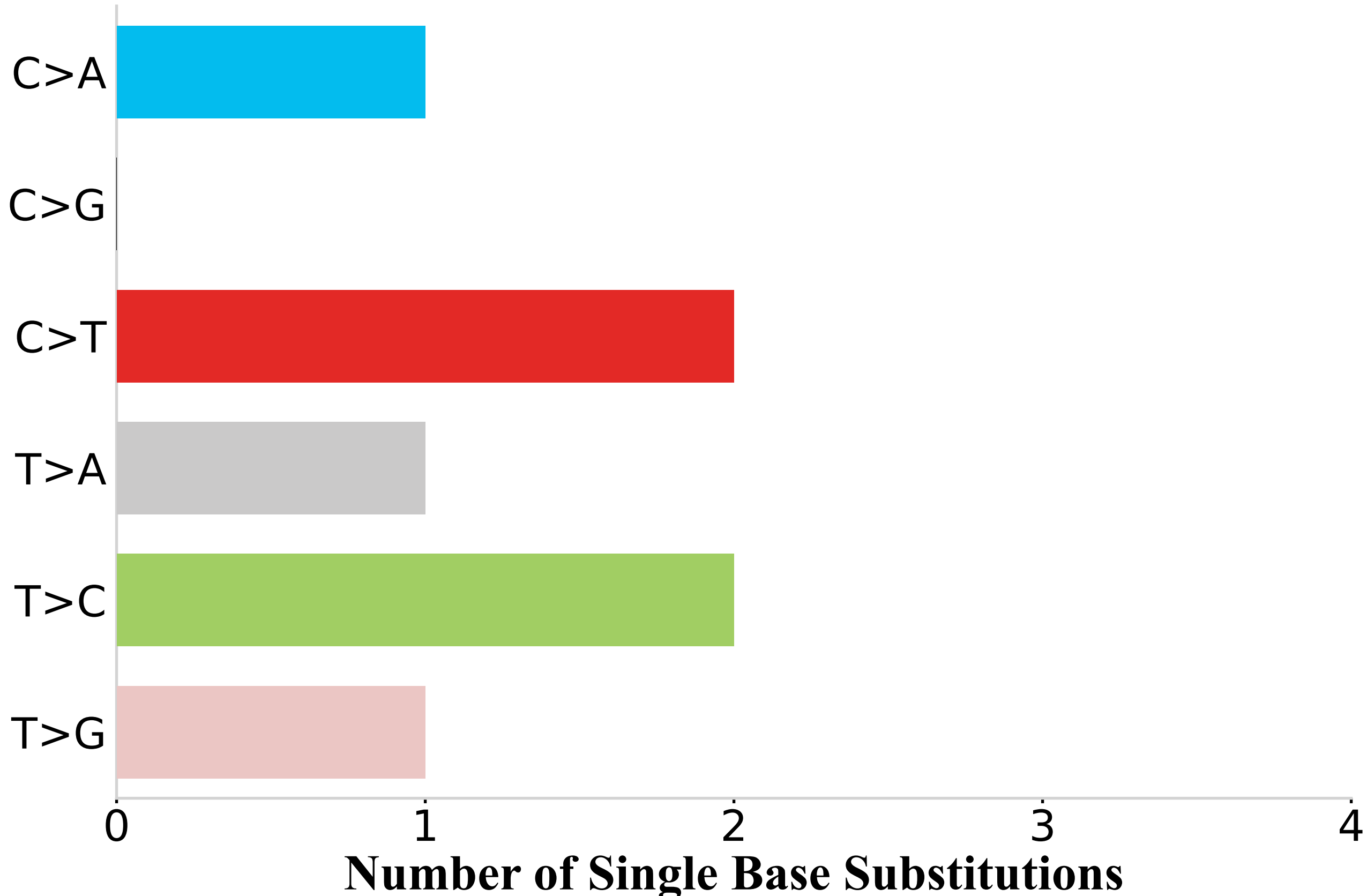
P-0008401-T01-IM5: 48 subs



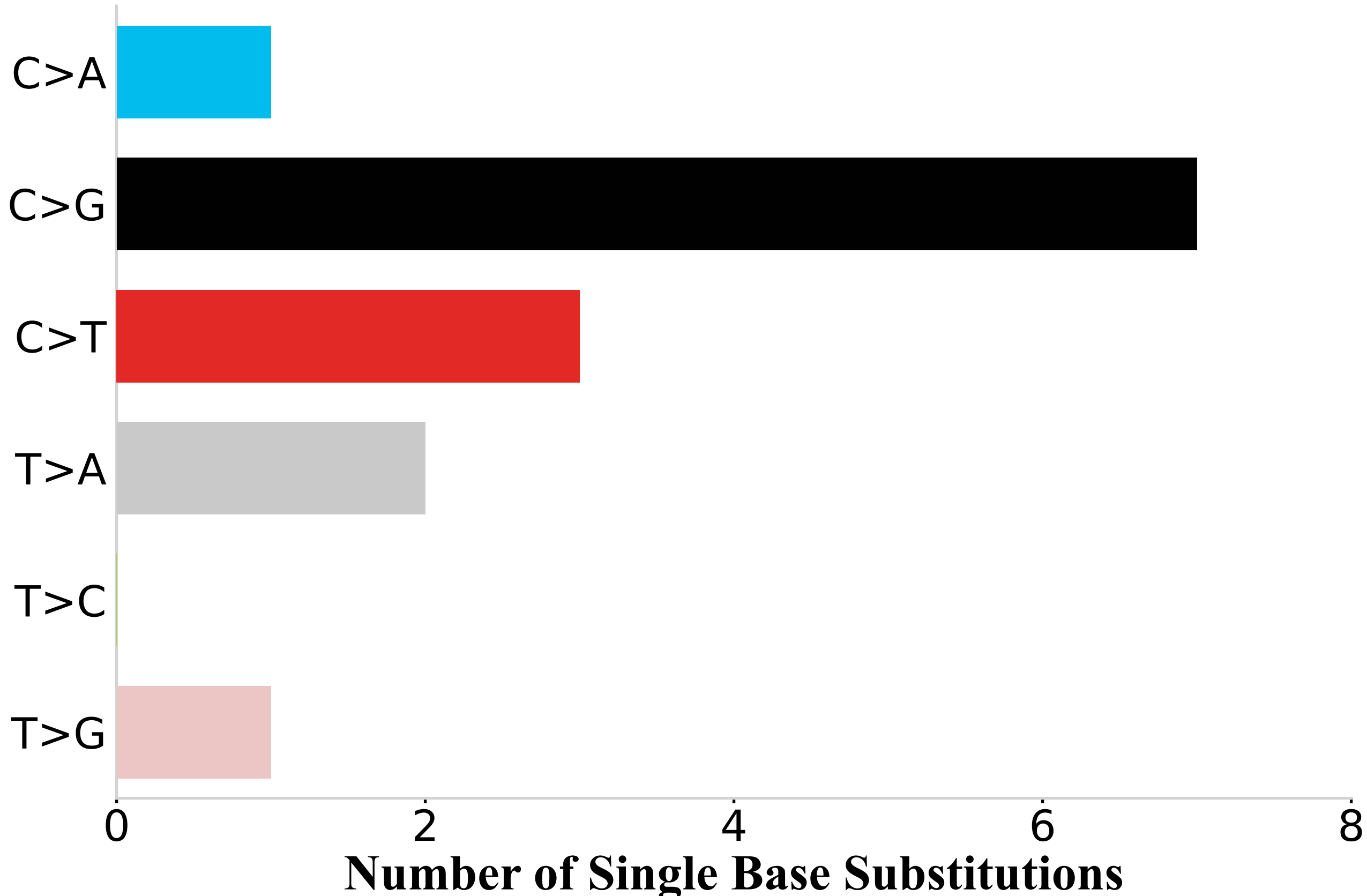
P-0008480-T01-IM5: 113 subs



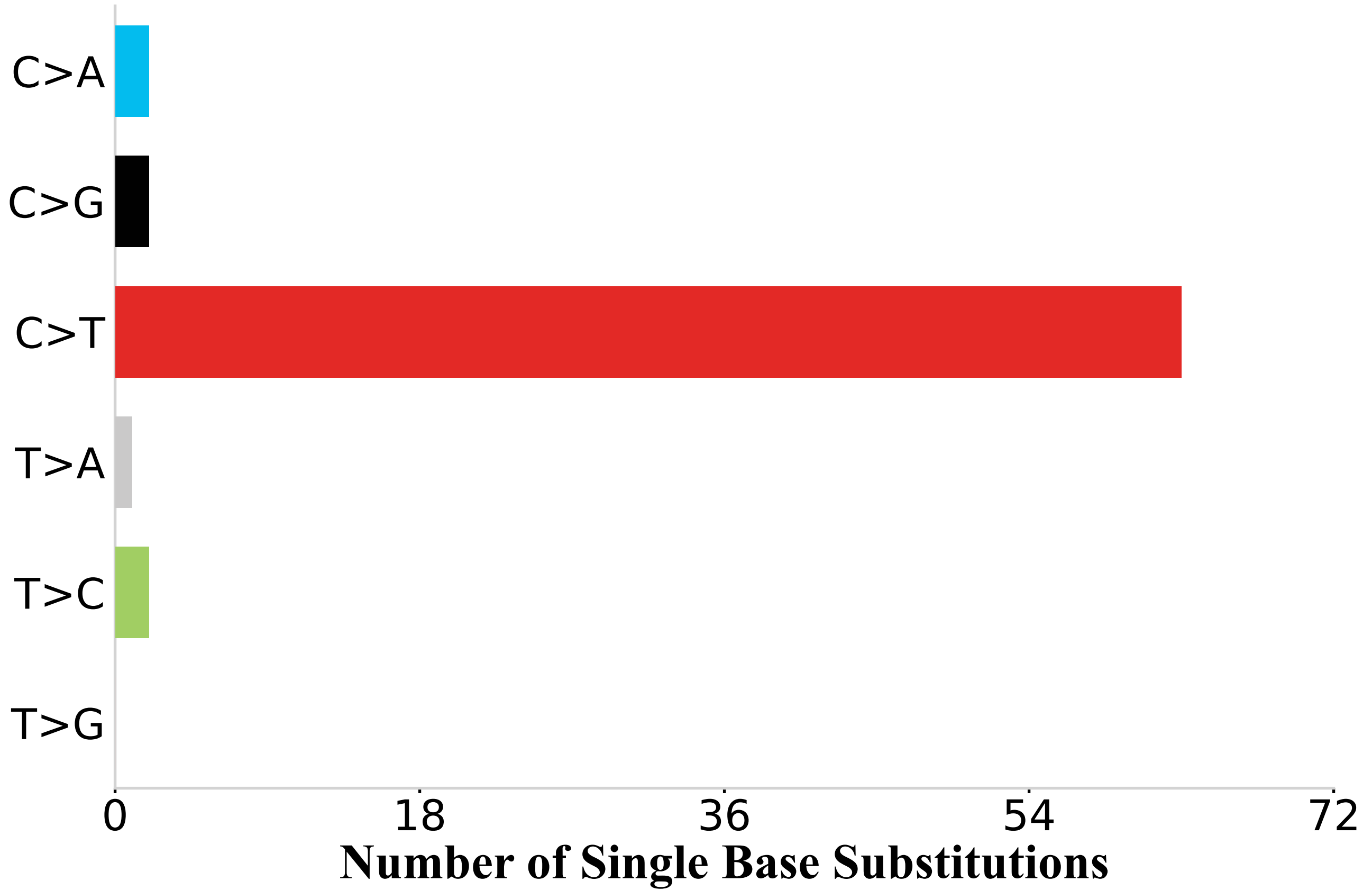
P-0008972-T01-IM5: 7 subs



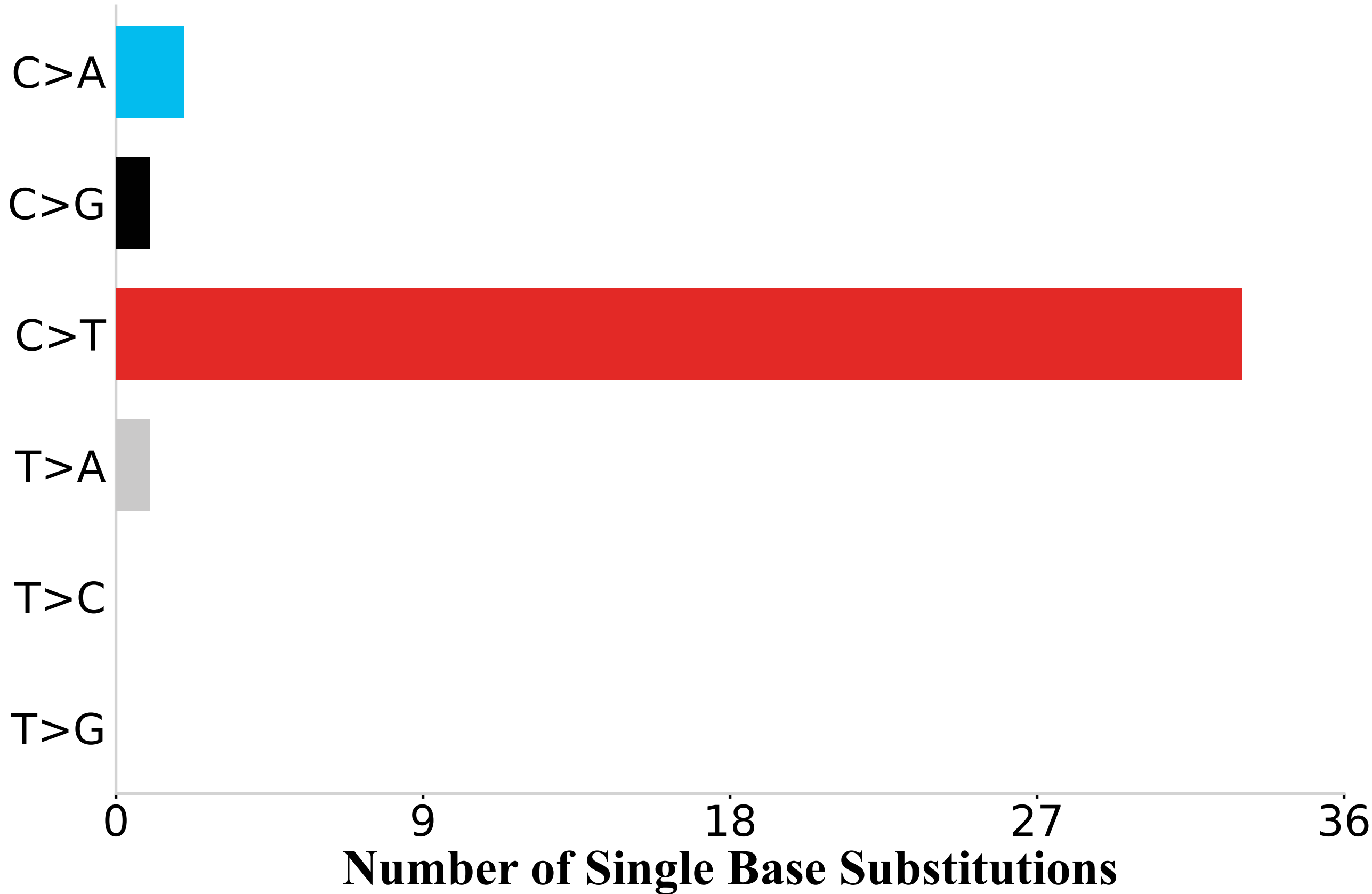
P-0009162-T01-IM5: 14 subs



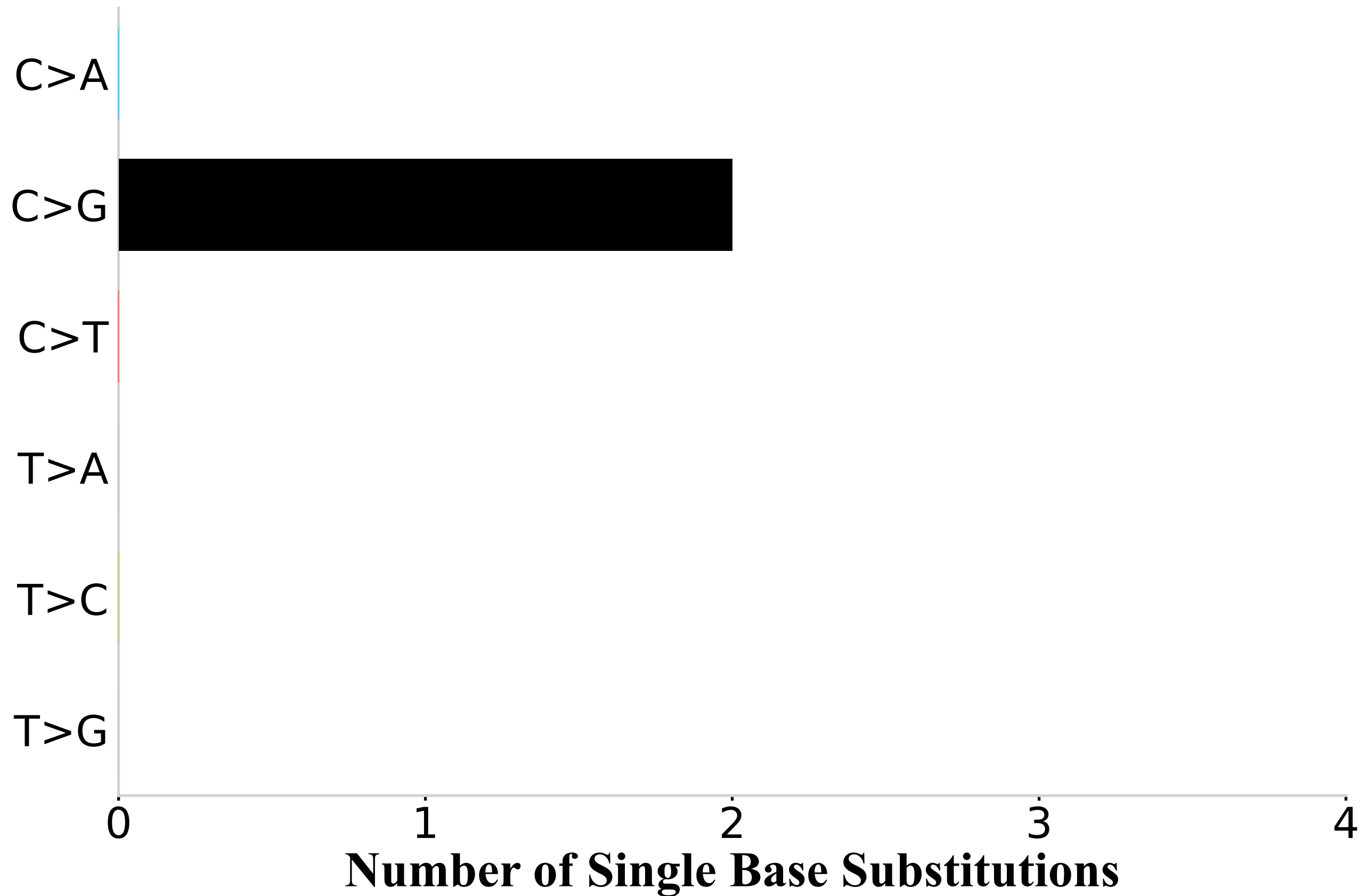
P-0009239-T01-IM5: 70 subs



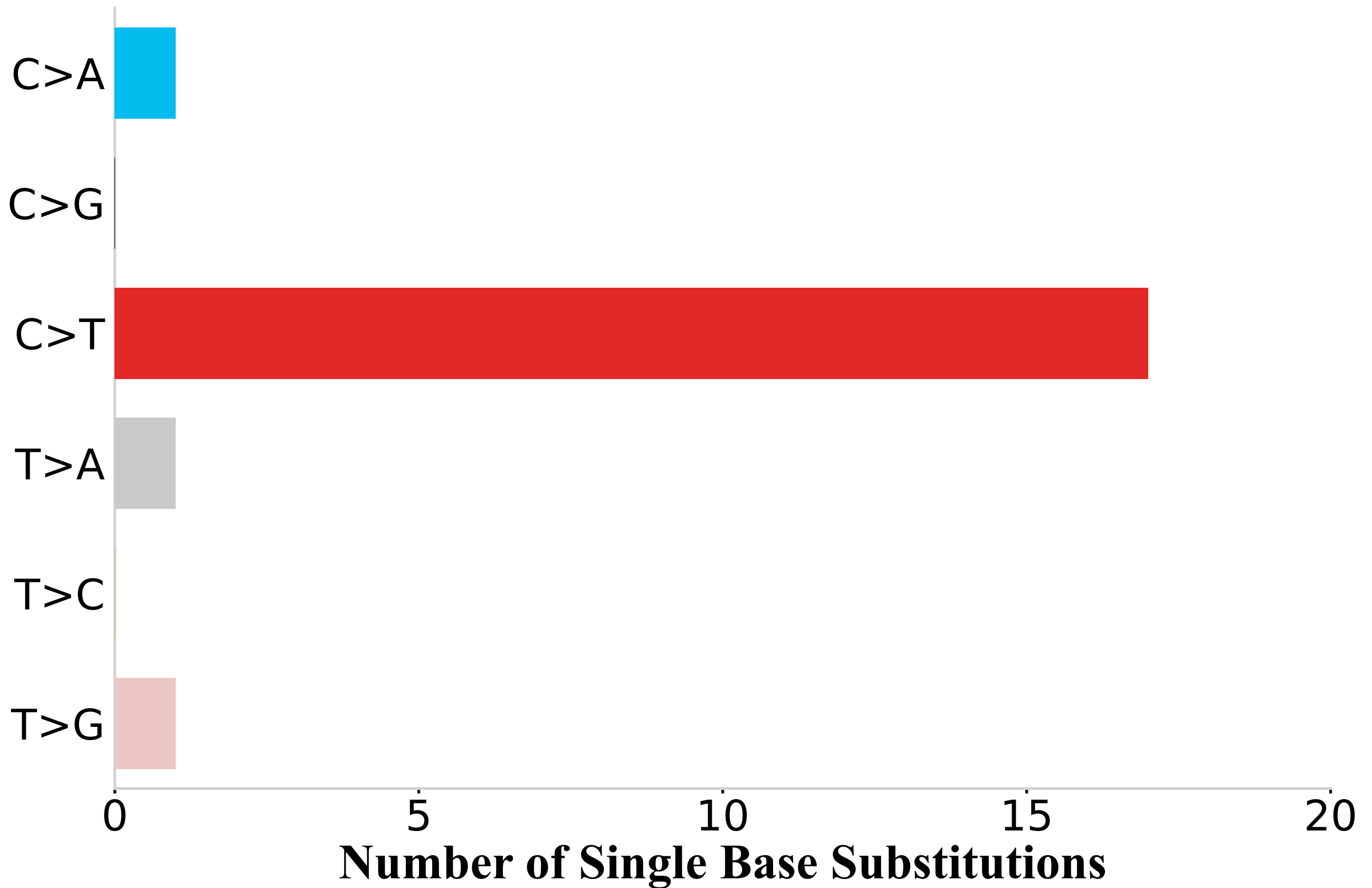
P-0009258-T01-IM5: 37 subs



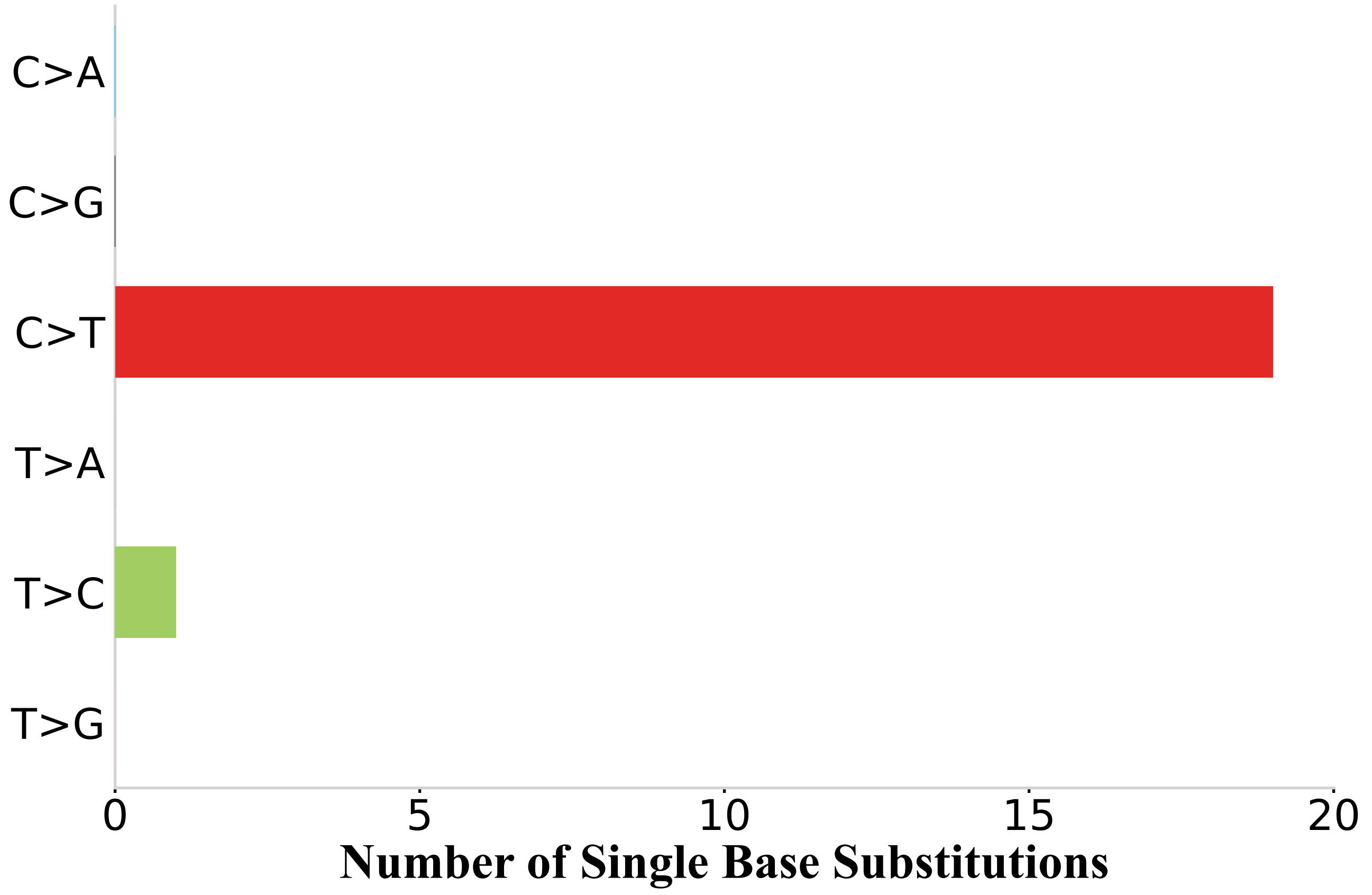
P-0009322-T01-IM5: 2 subs



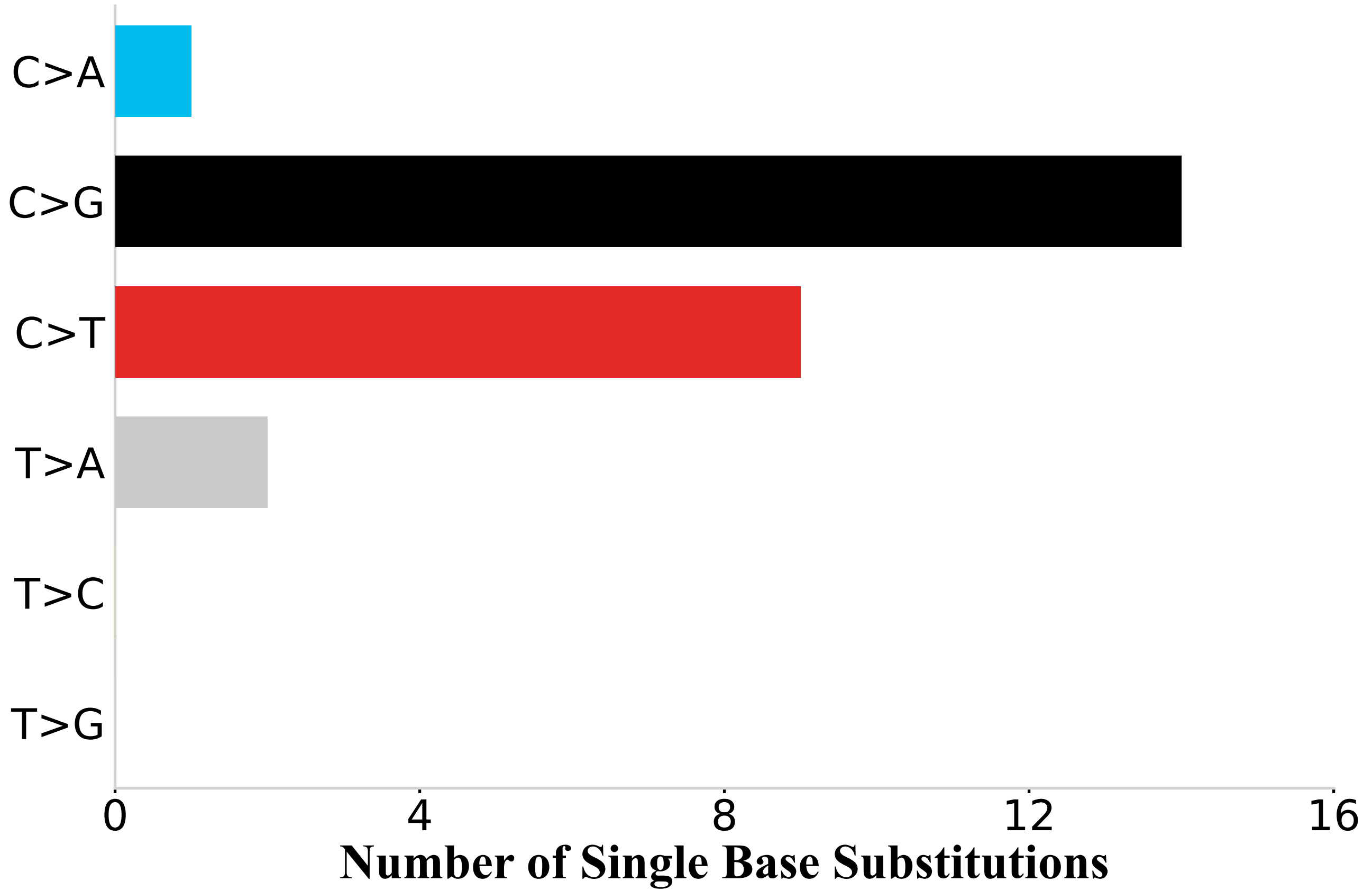
P-0009795-T01-IM5: 20 subs



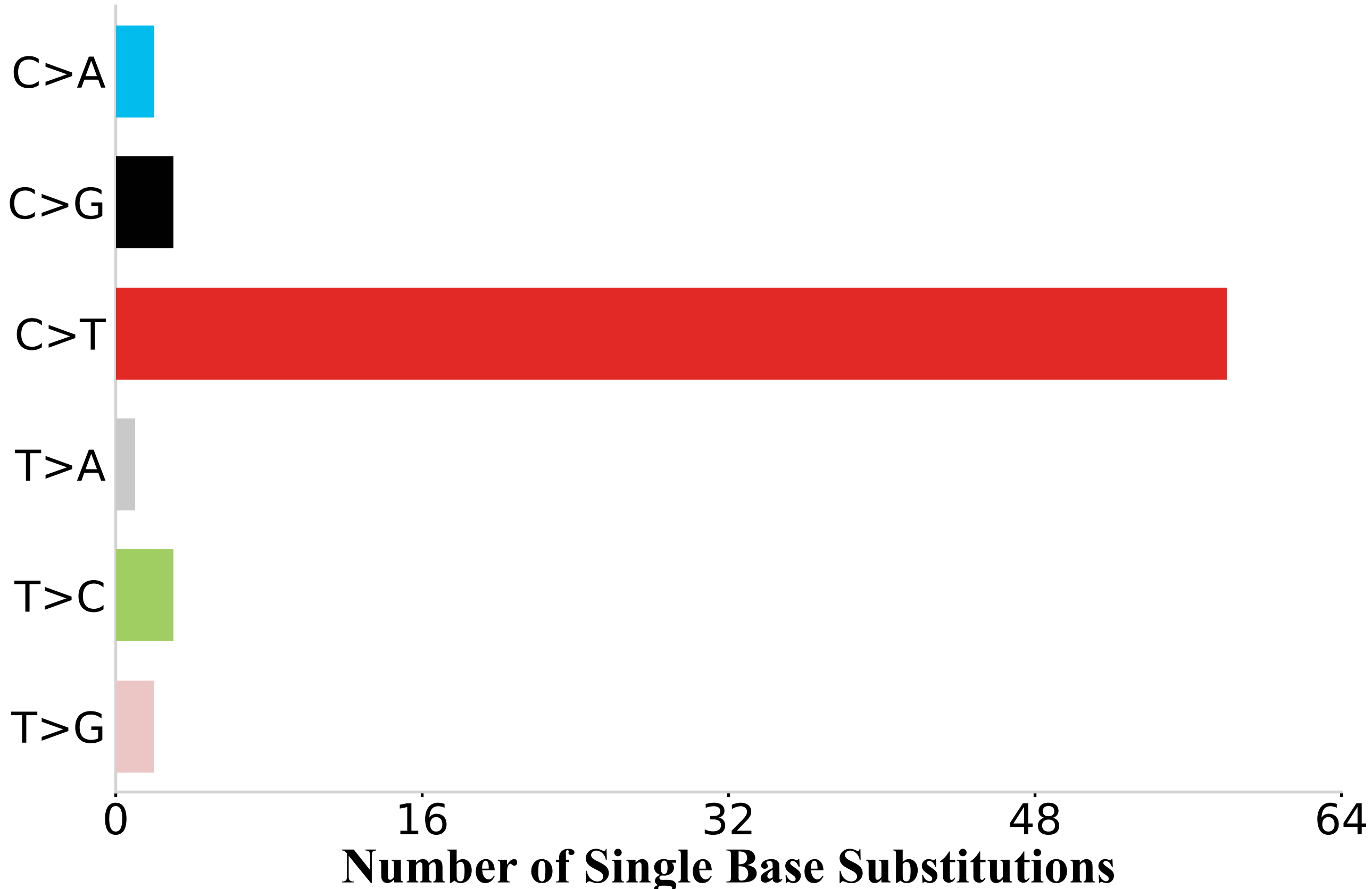
P-0009940-T01-IM5: 20 subs



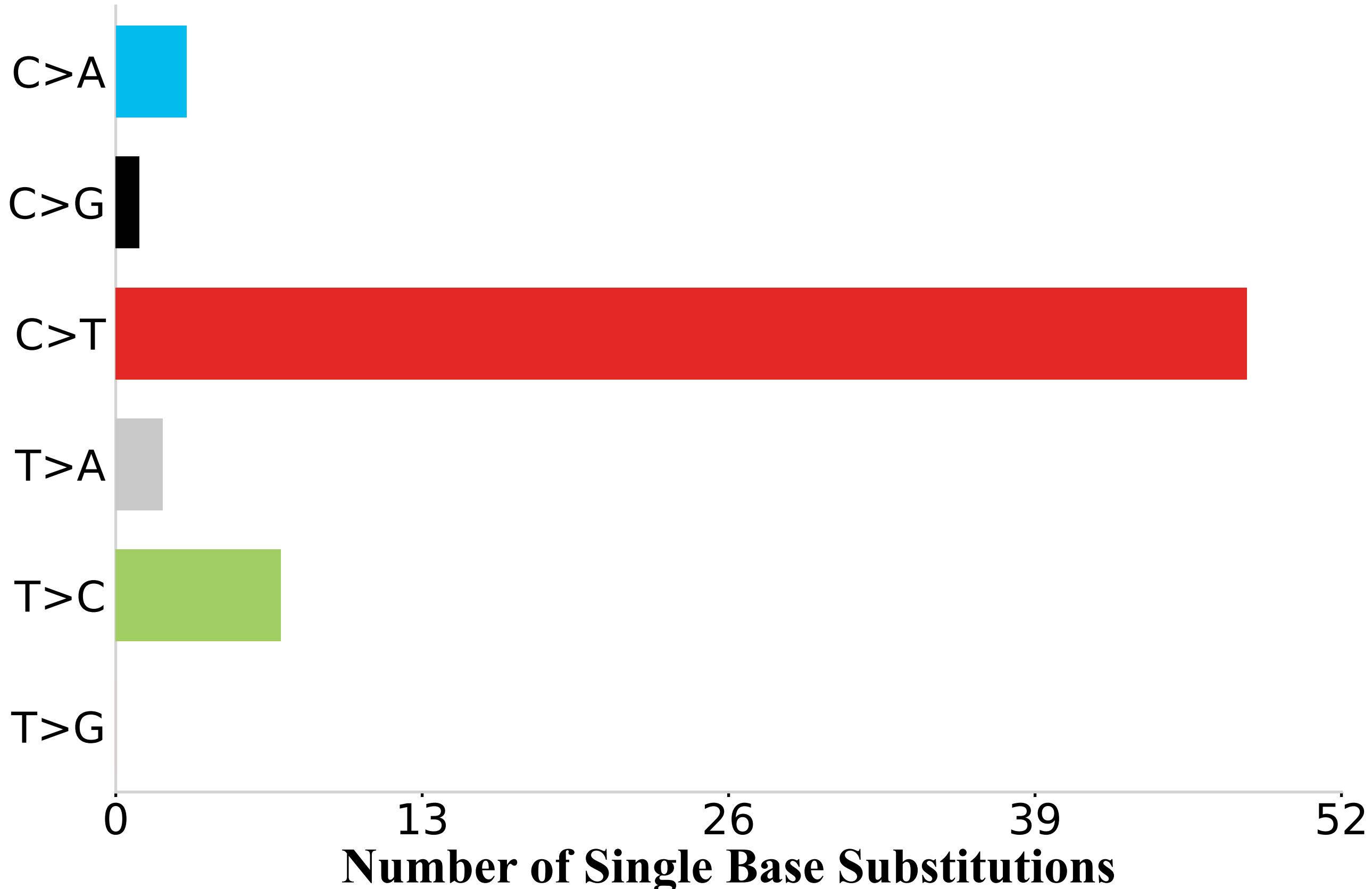
P-0009962-T01-IM5: 26 subs



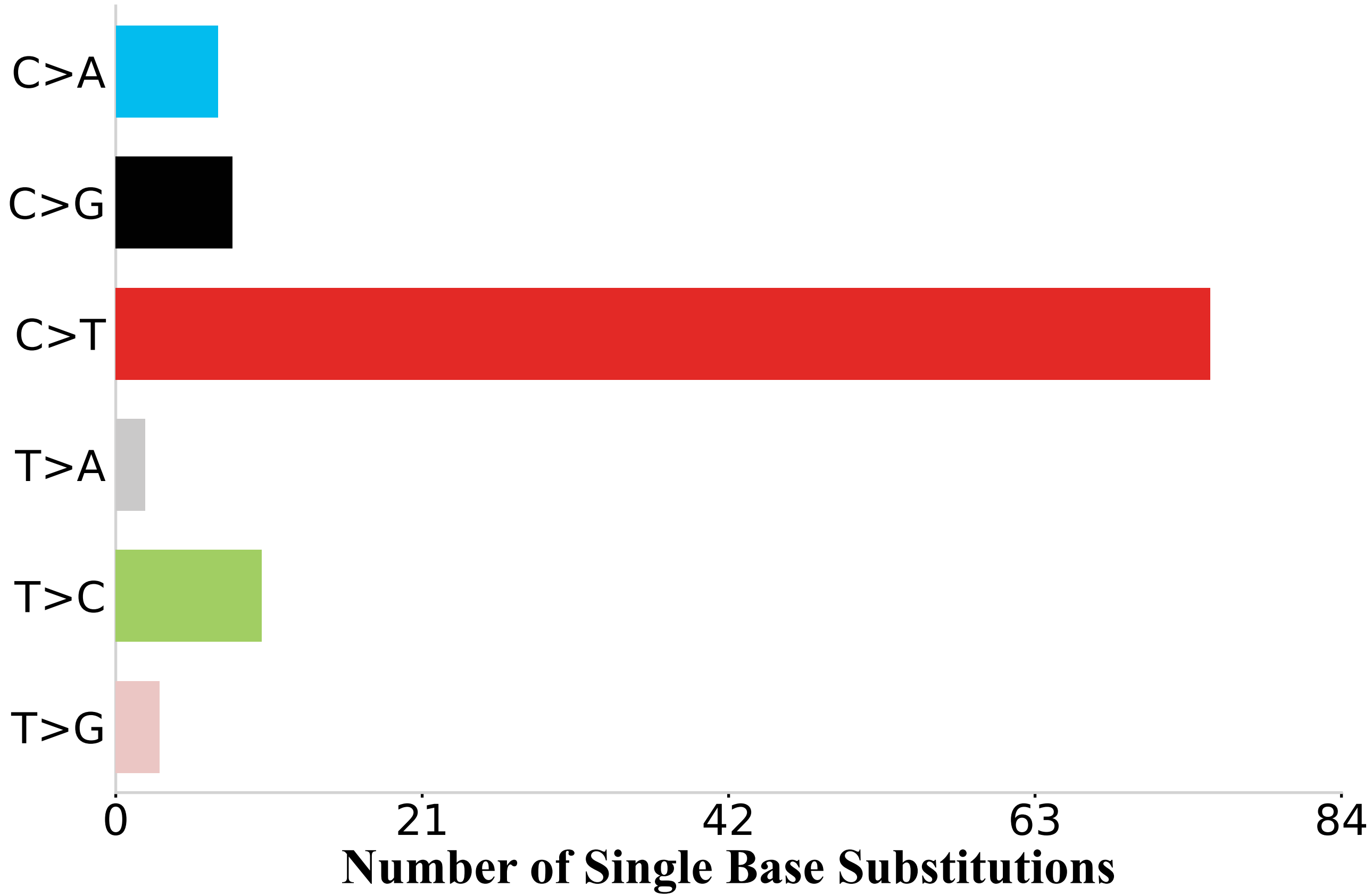
P-0010145-T01-IM5: 69 subs



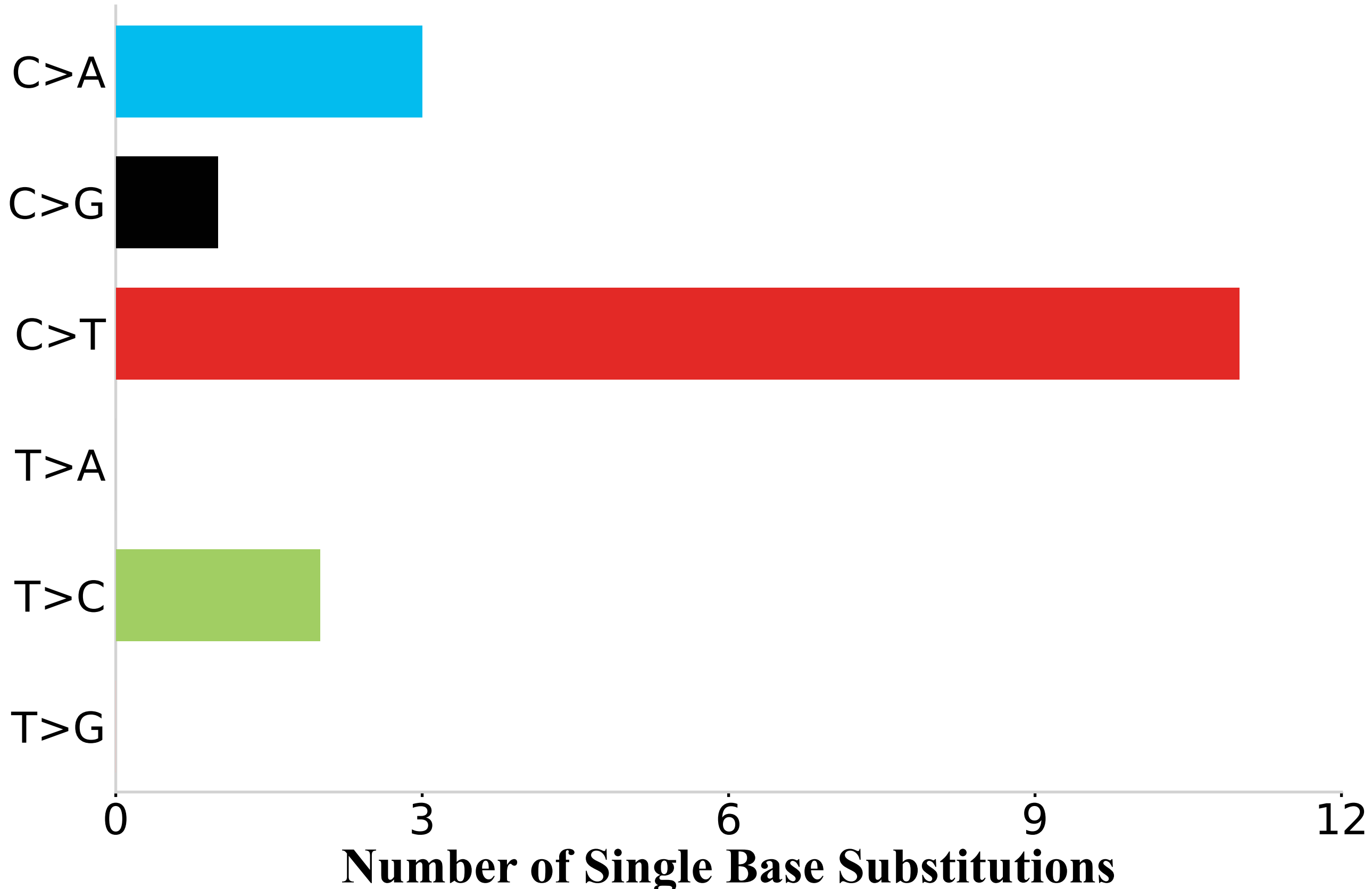
P-0010420-T01-IM5: 61 subs



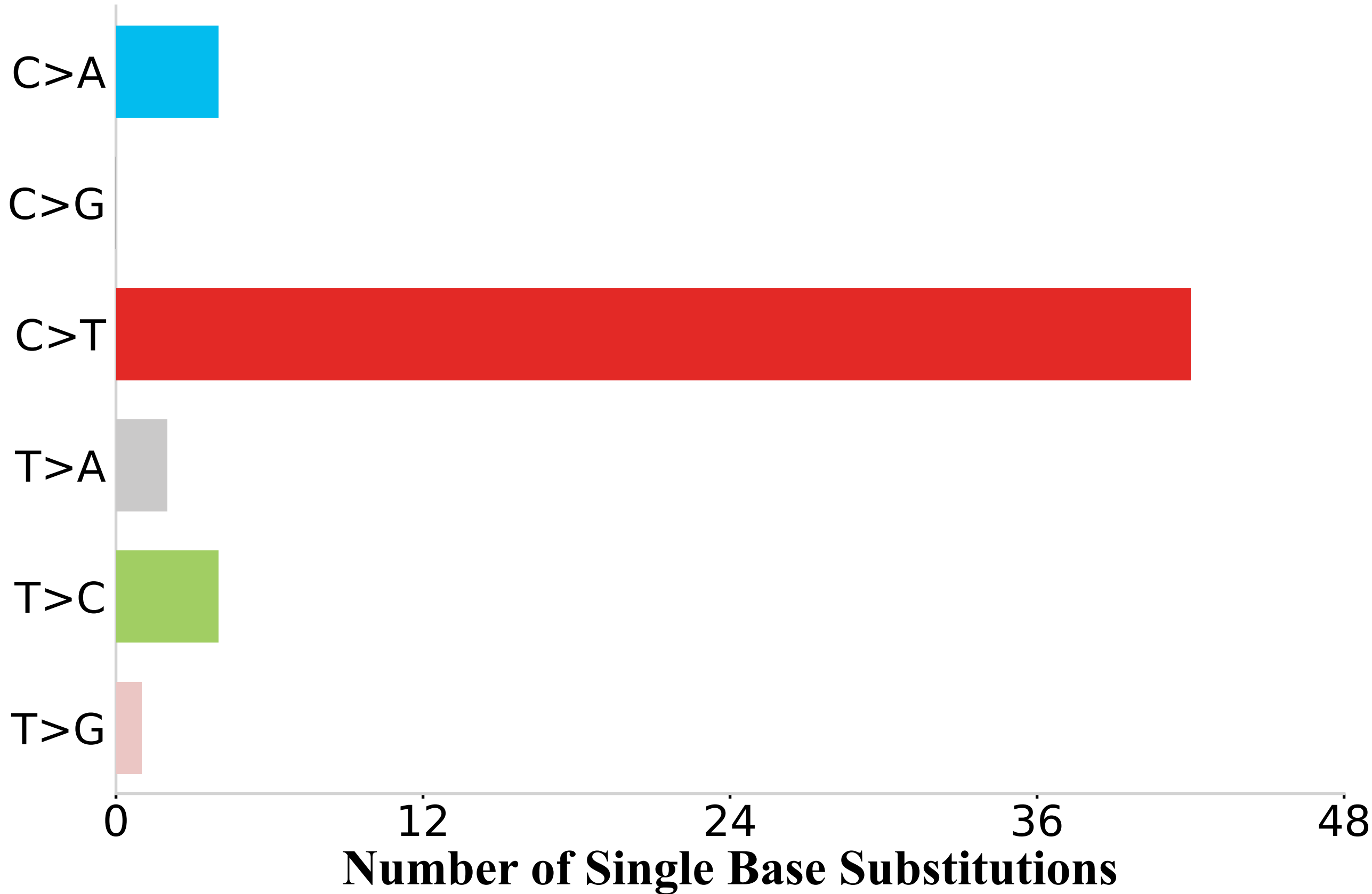
P-0010649-T01-IM5: 105 subs



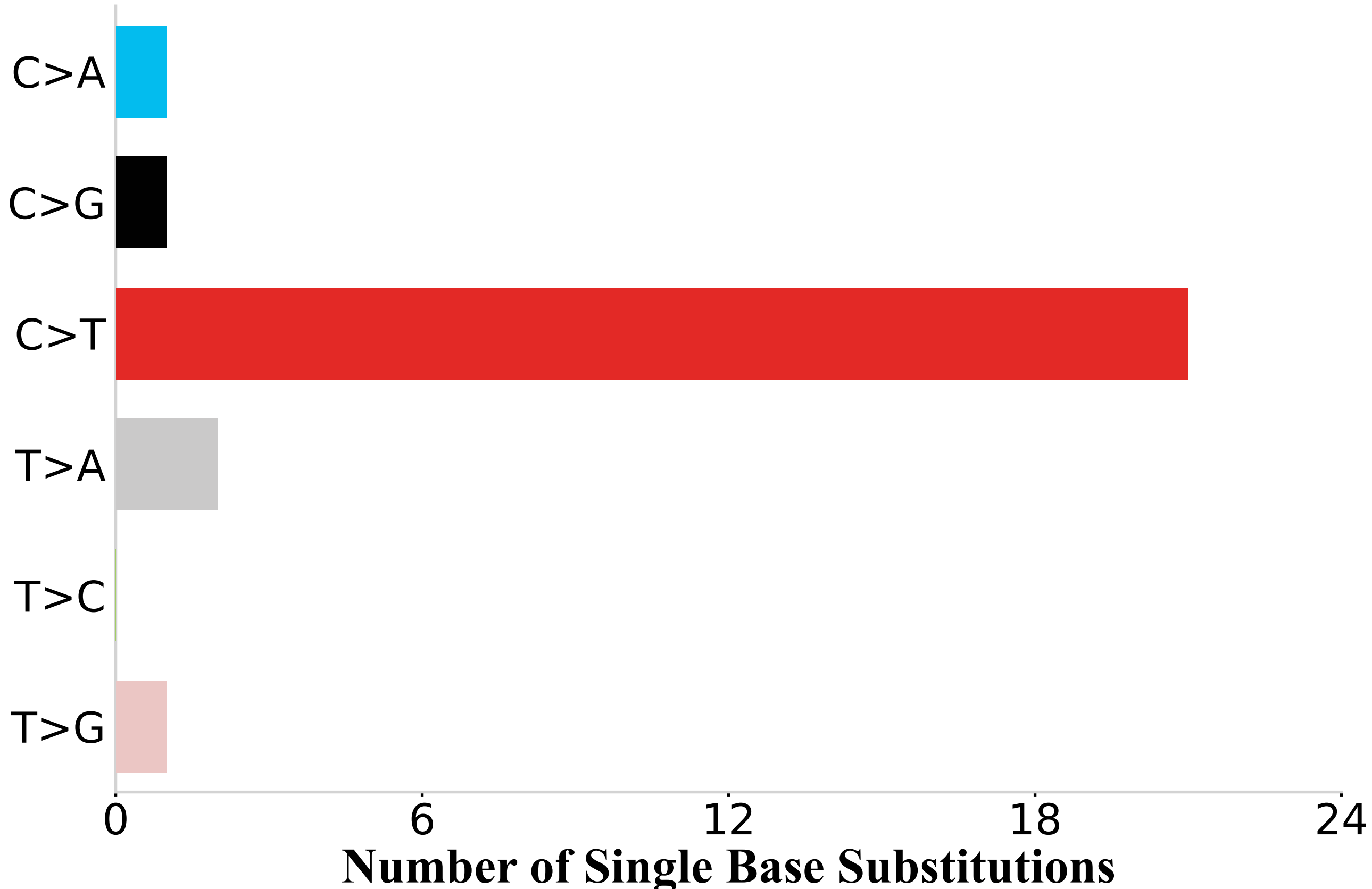
P-0012124-T01-IM5: 17 subs



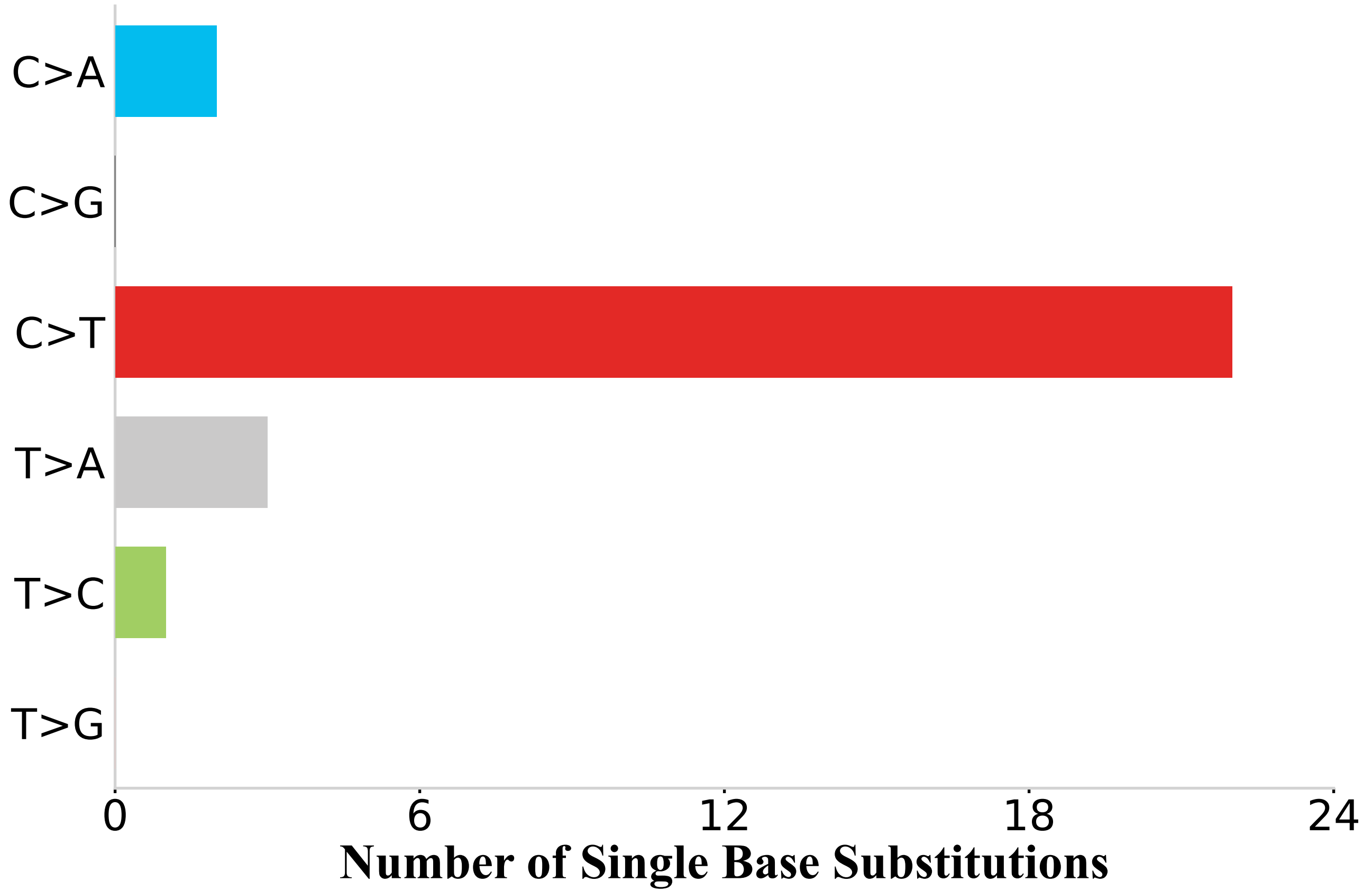
P-0012129-T01-IM5: 53 subs



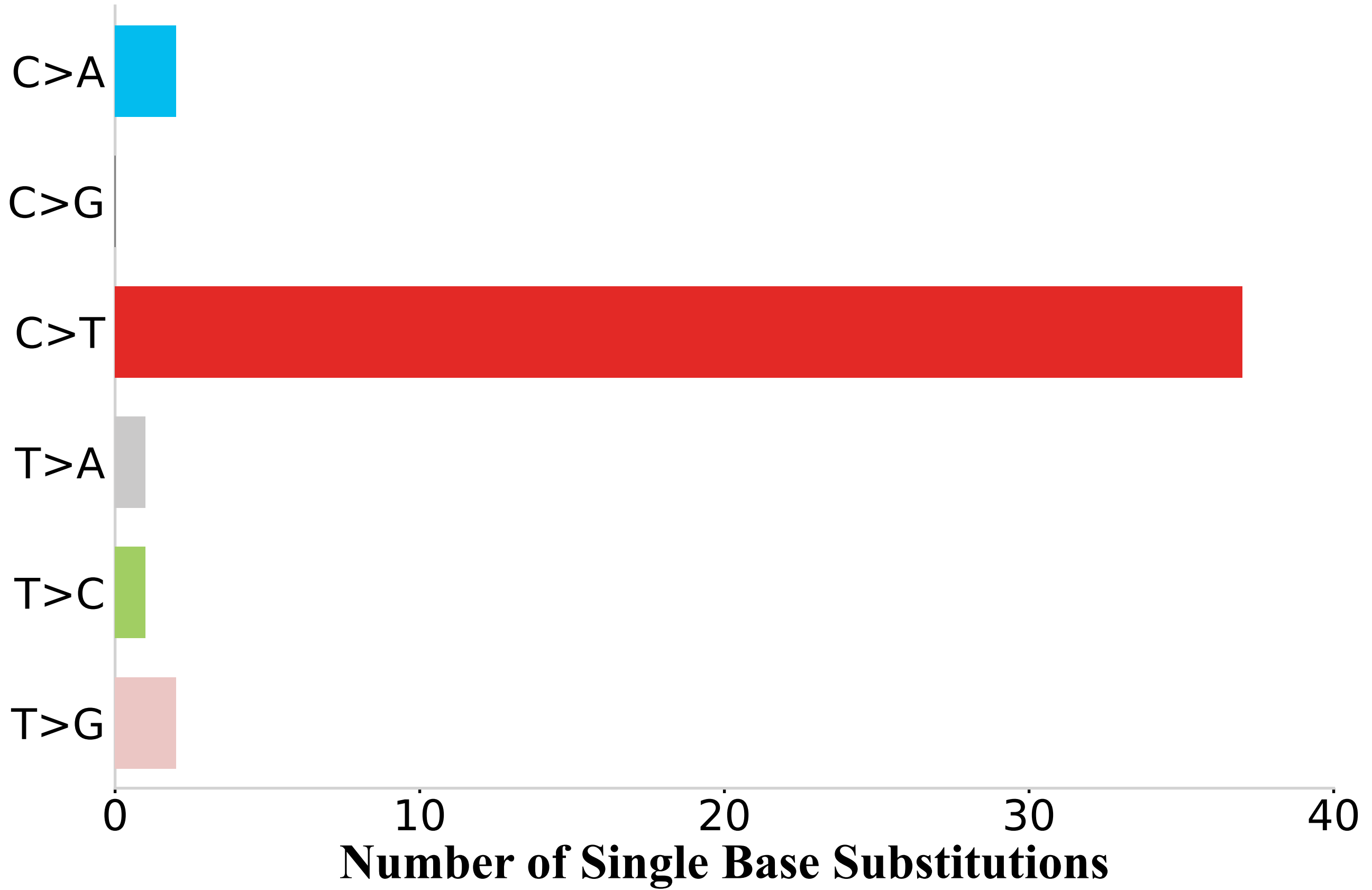
P-0012202-T01-IM5: 26 subs



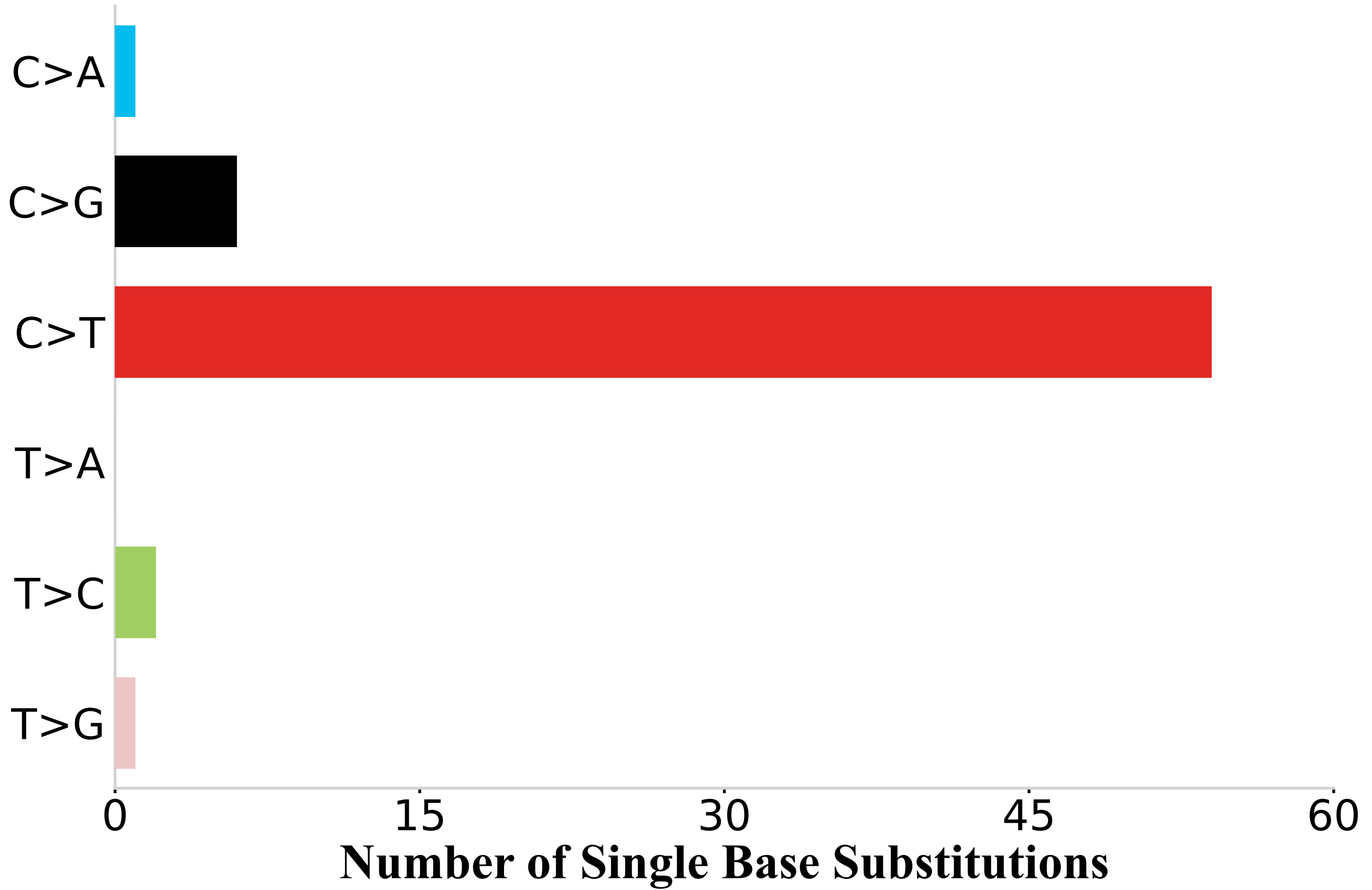
P-0012333-T01-IM5: 28 subs



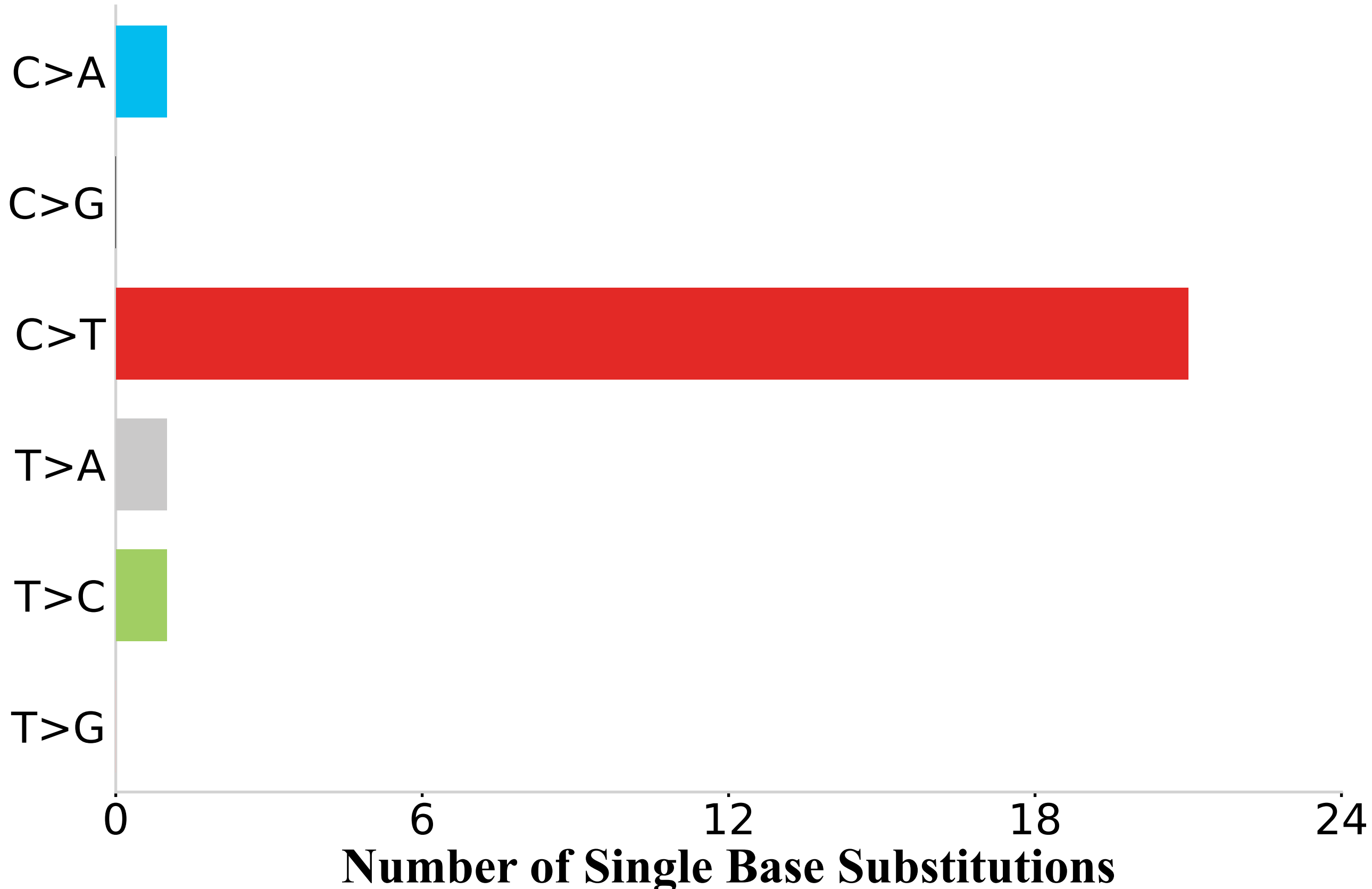
P-0012455-T01-IM5: 43 subs



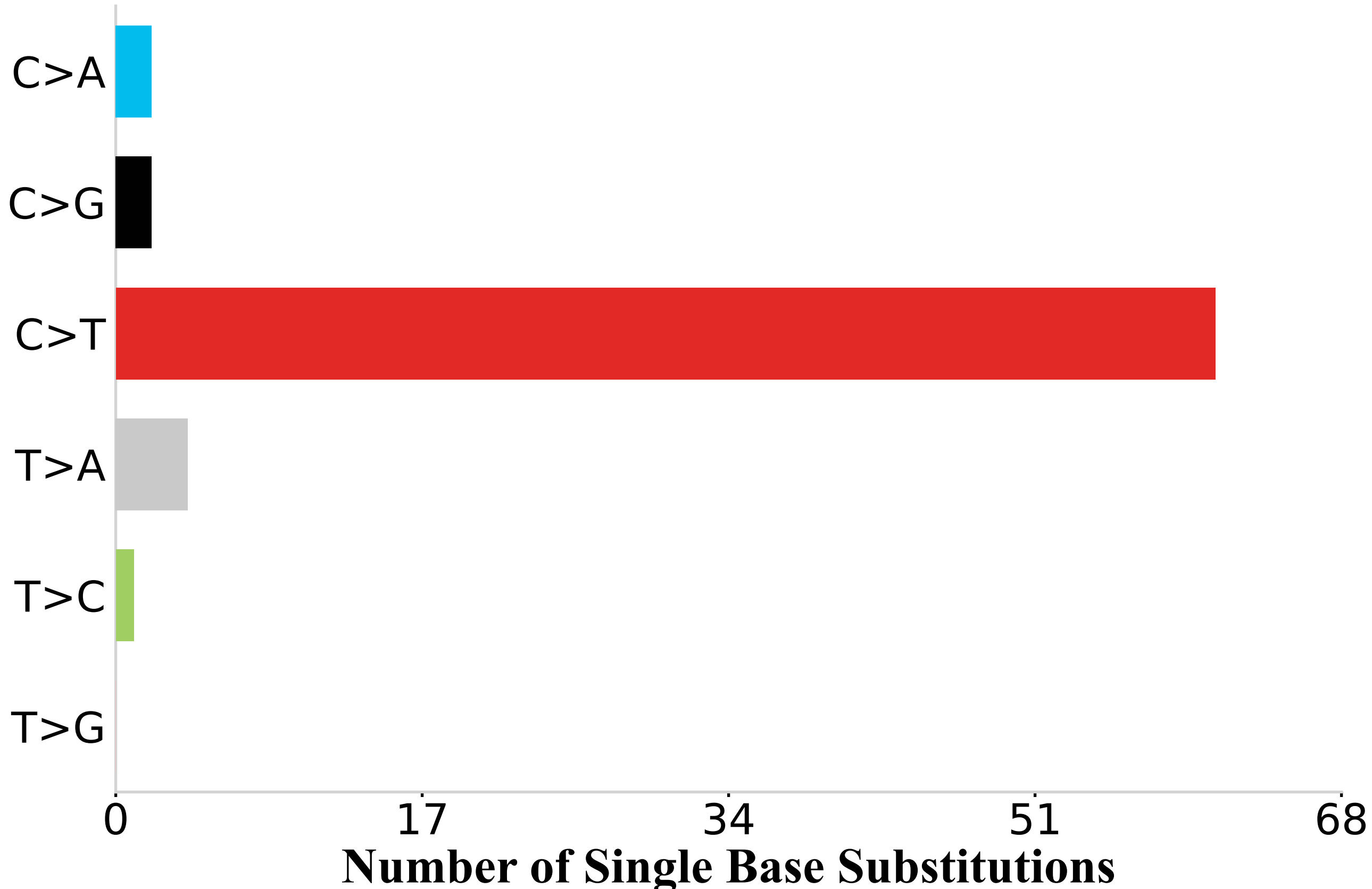
P-0013218-T01-IM5: 64 subs



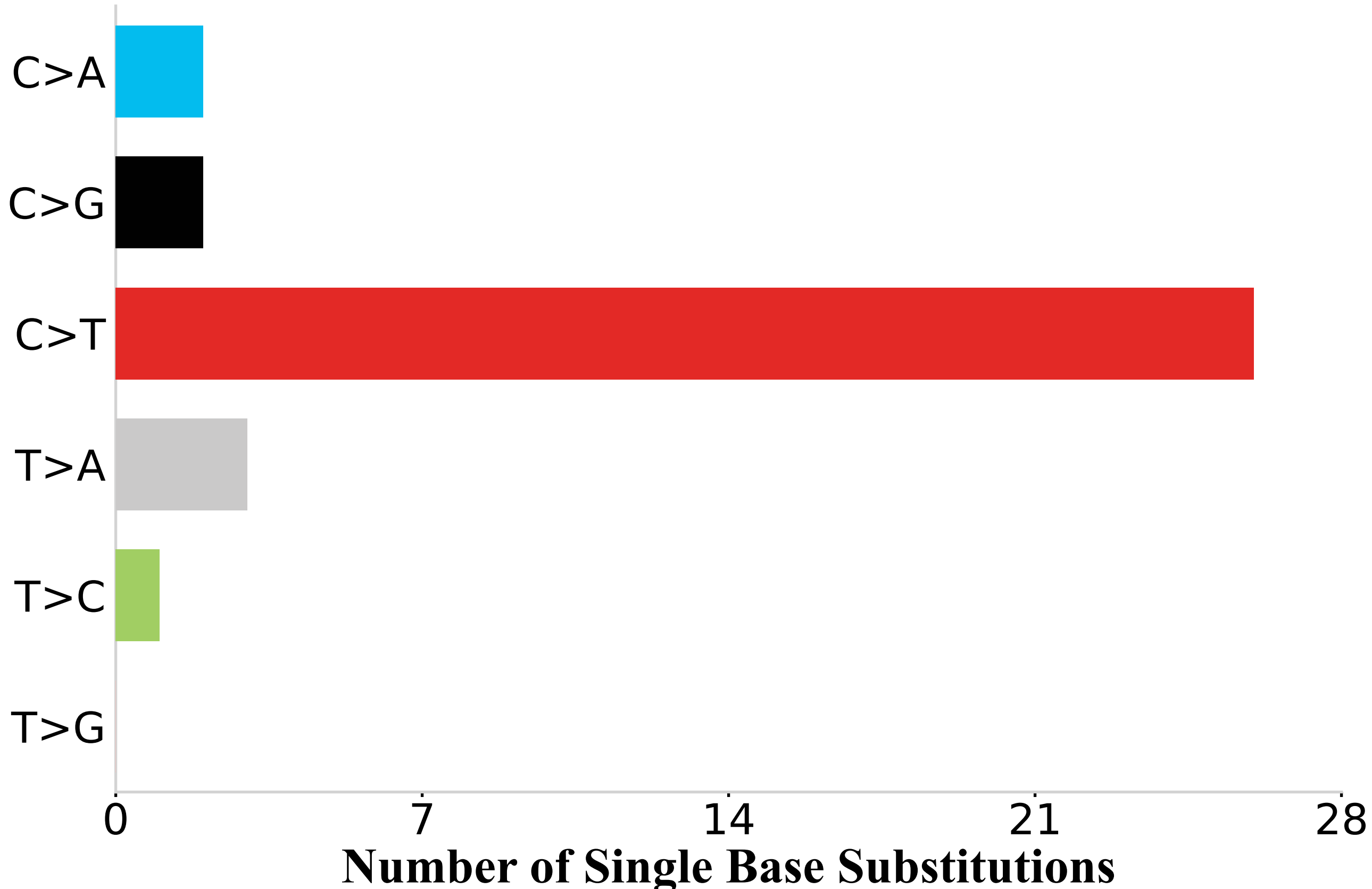
P-0014169-T01-IM5: 24 subs



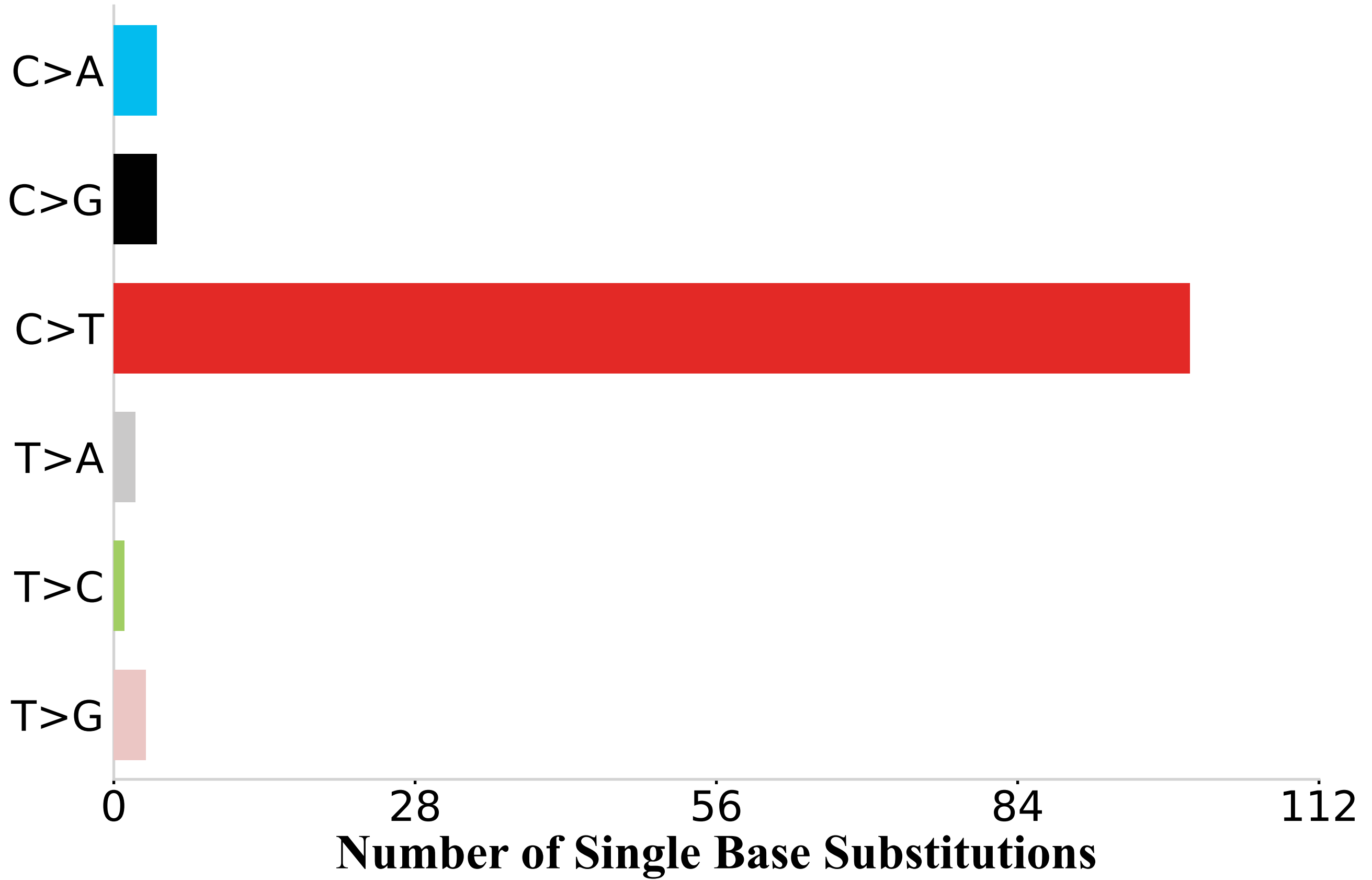
P-0014993-T01-IM6: 70 subs



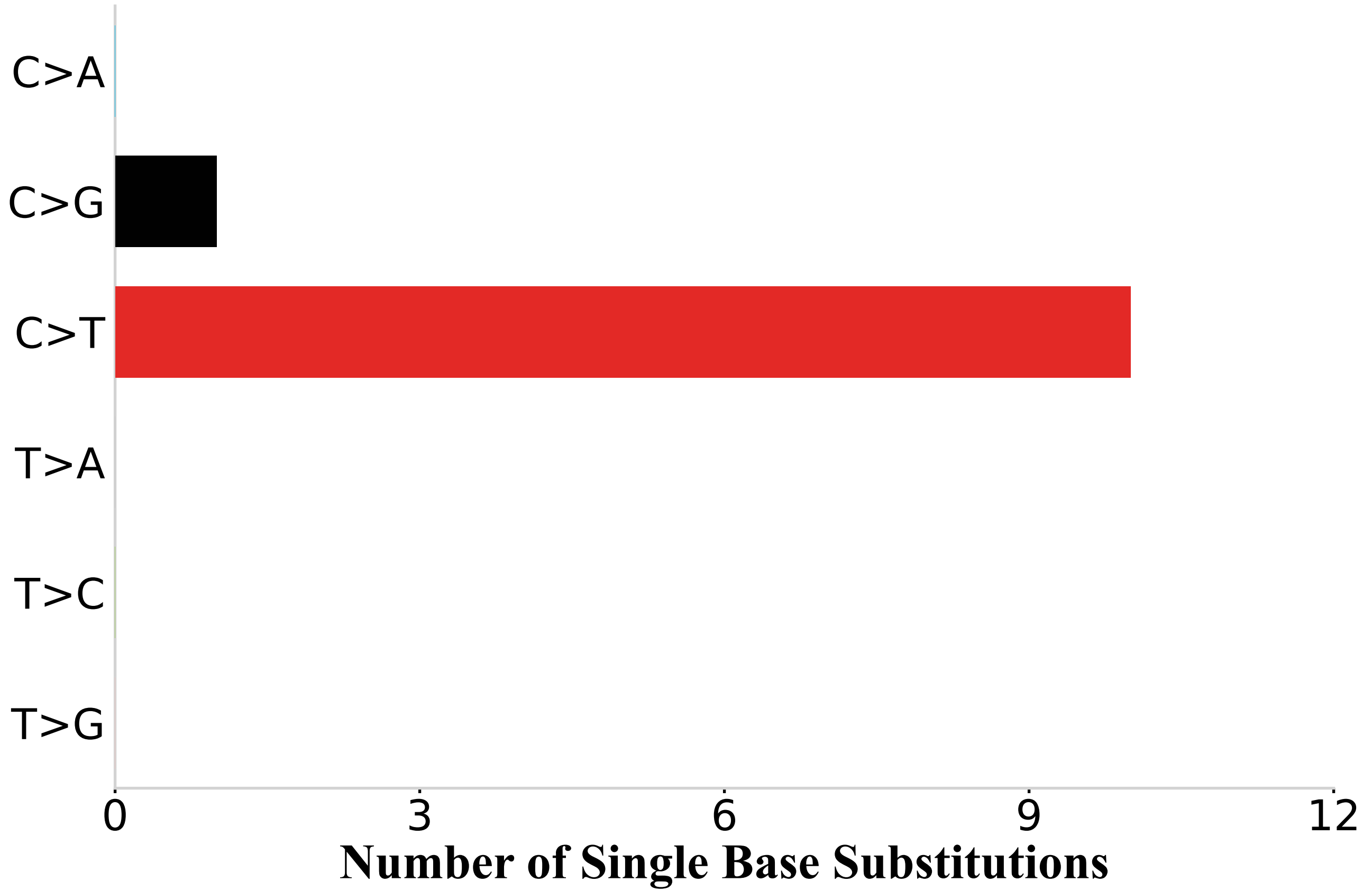
P-0015821-T01-IM6: 34 subs



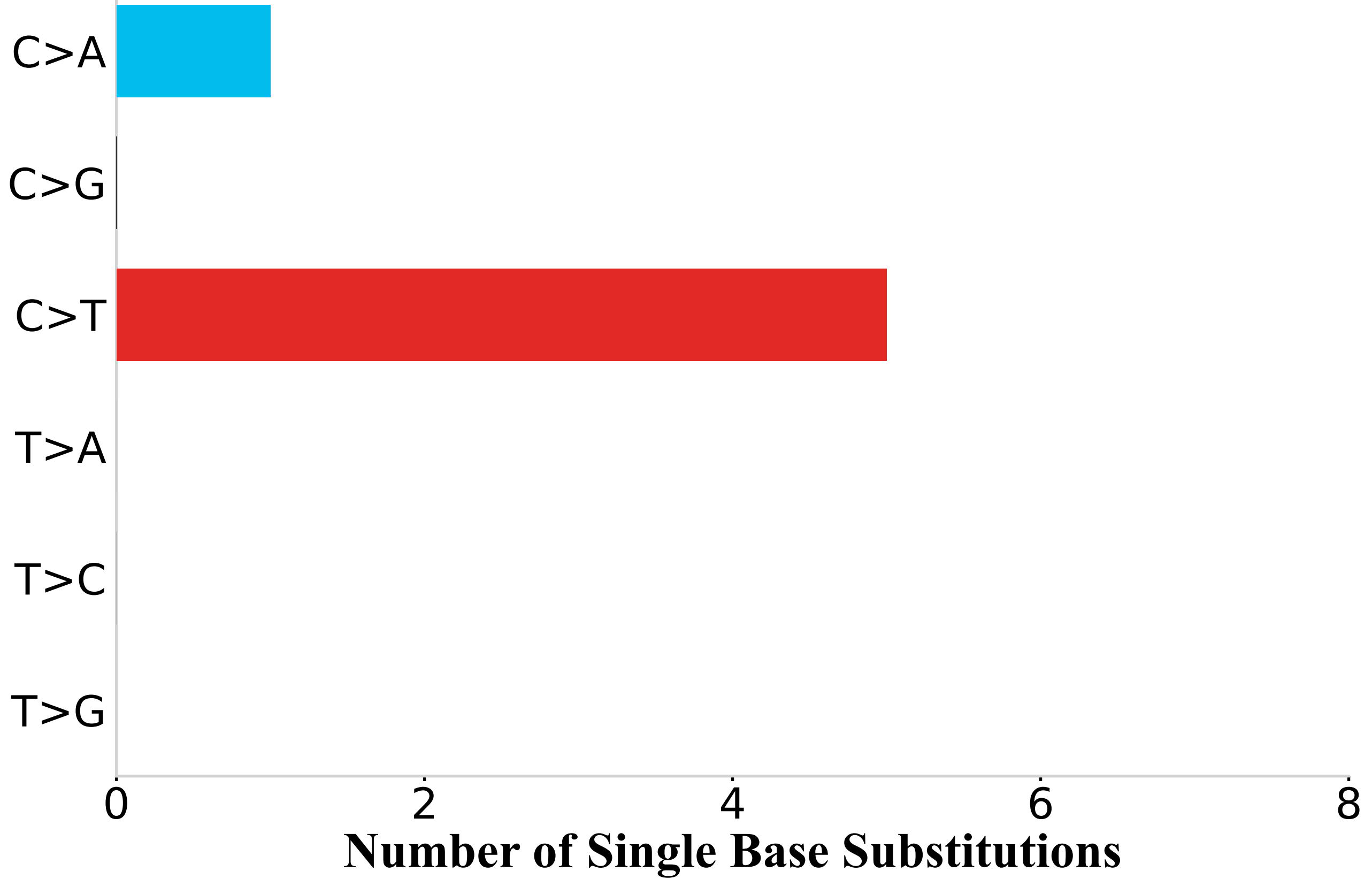
P-0015894-T01-IM6: 114 subs



P-0017541-T01-IM5: 11 subs



P-0018177-T01-IM6: 6 subs



P-0019742-T01-IM6: 2 subs

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C>G

C>T

T>A

T>C

T>G

0

1

2

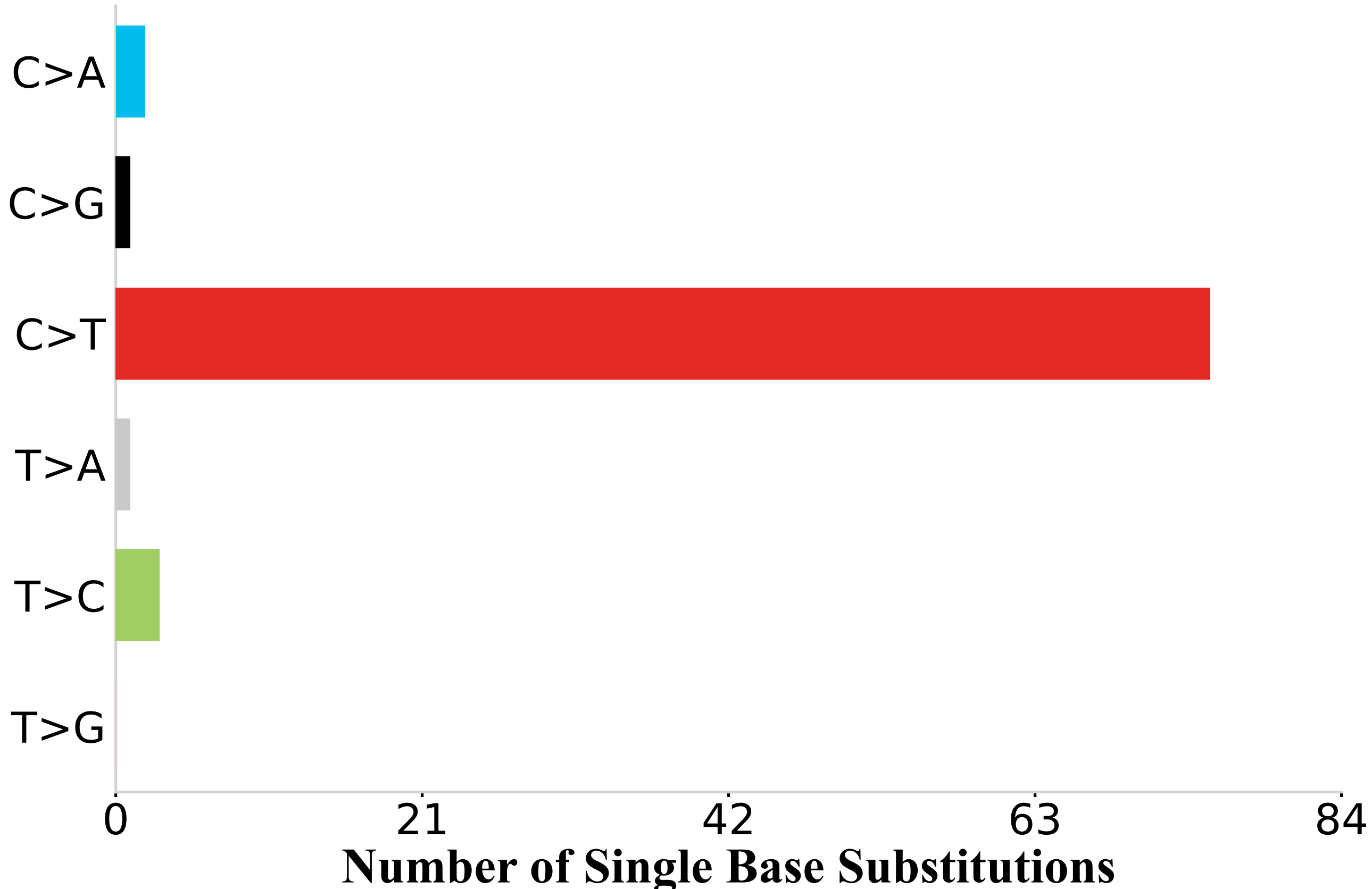
3

4

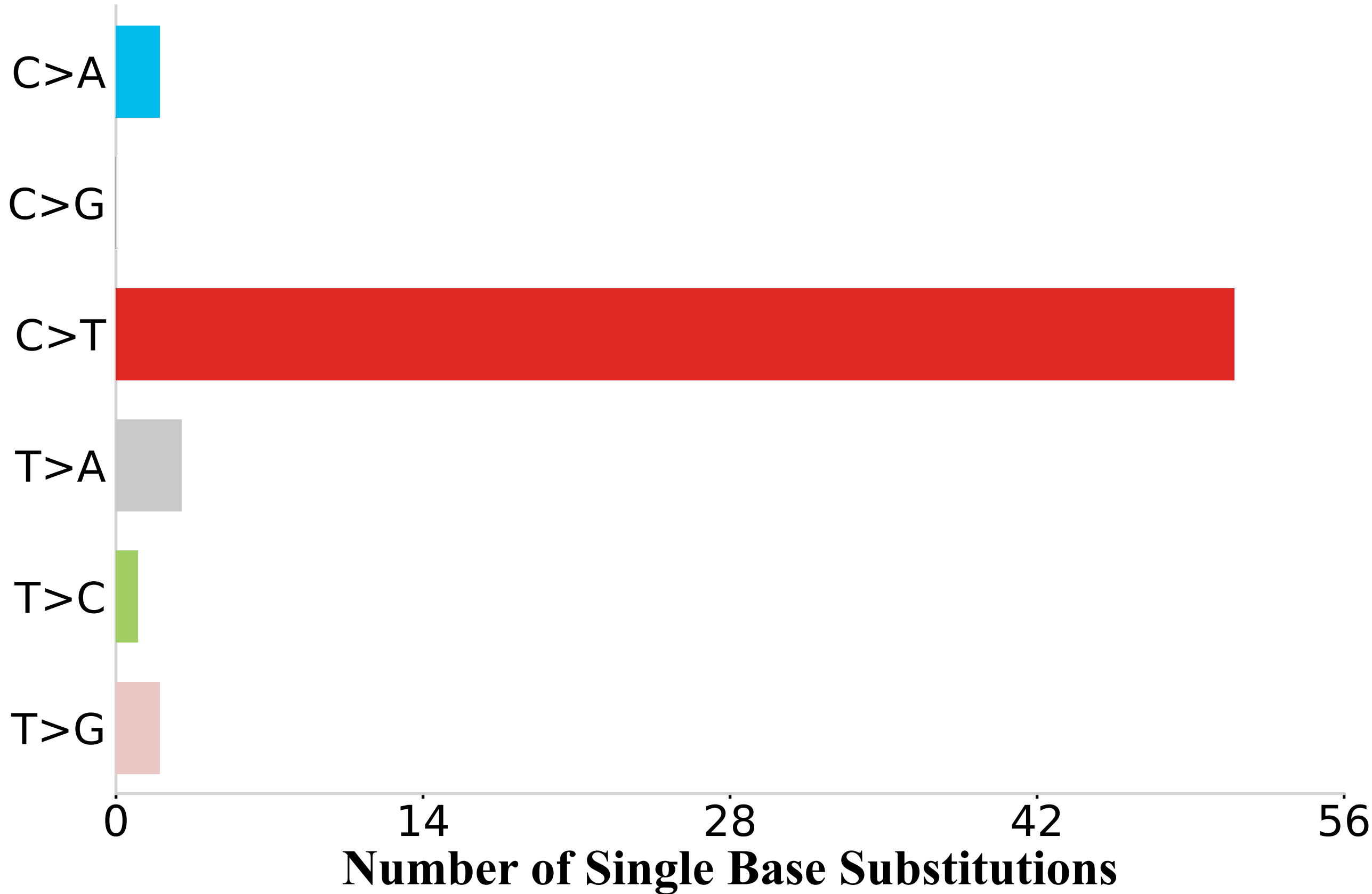
Number of Single Base Substitutions



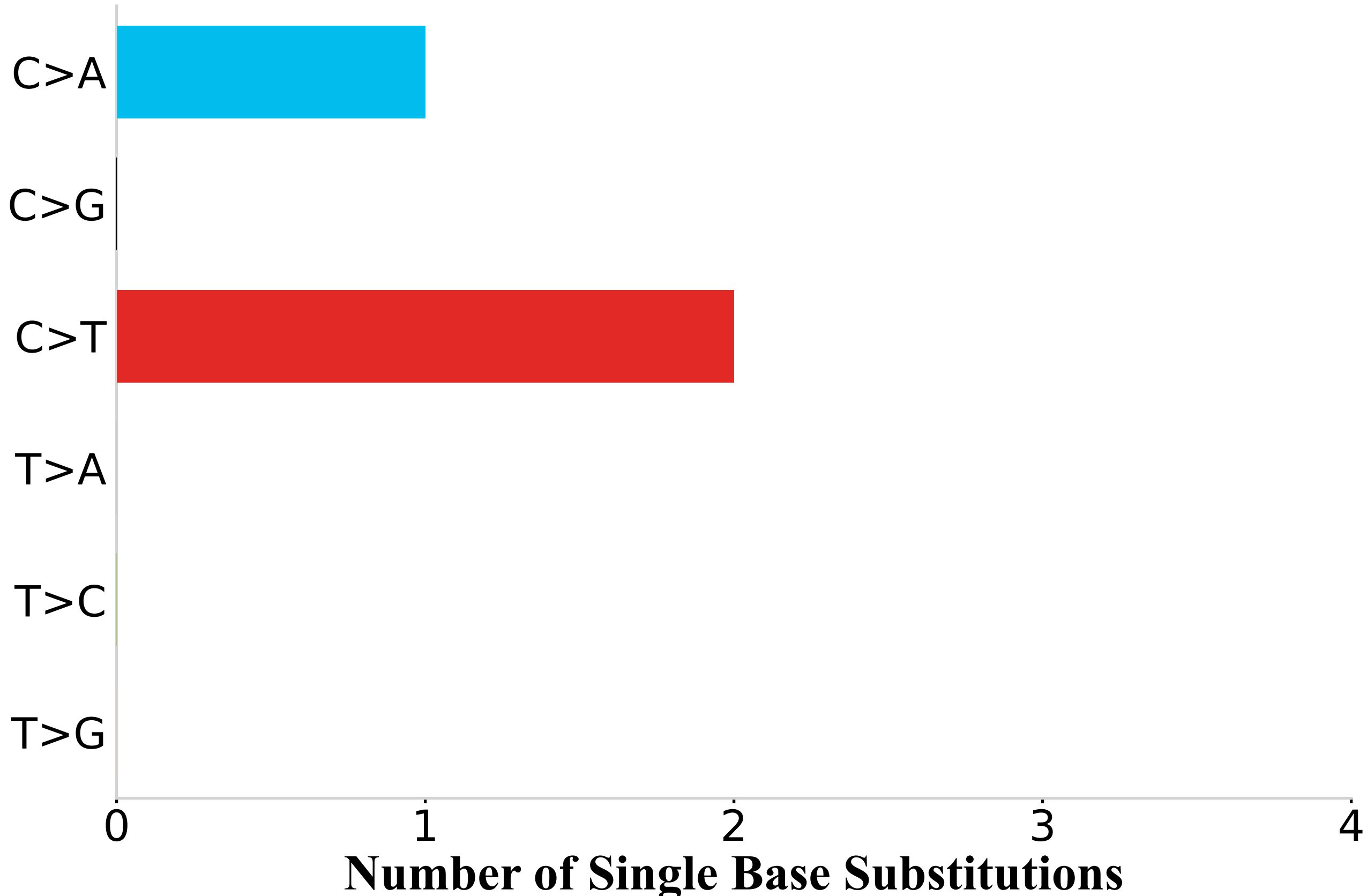
P-0020151-T01-IM6: 82 subs



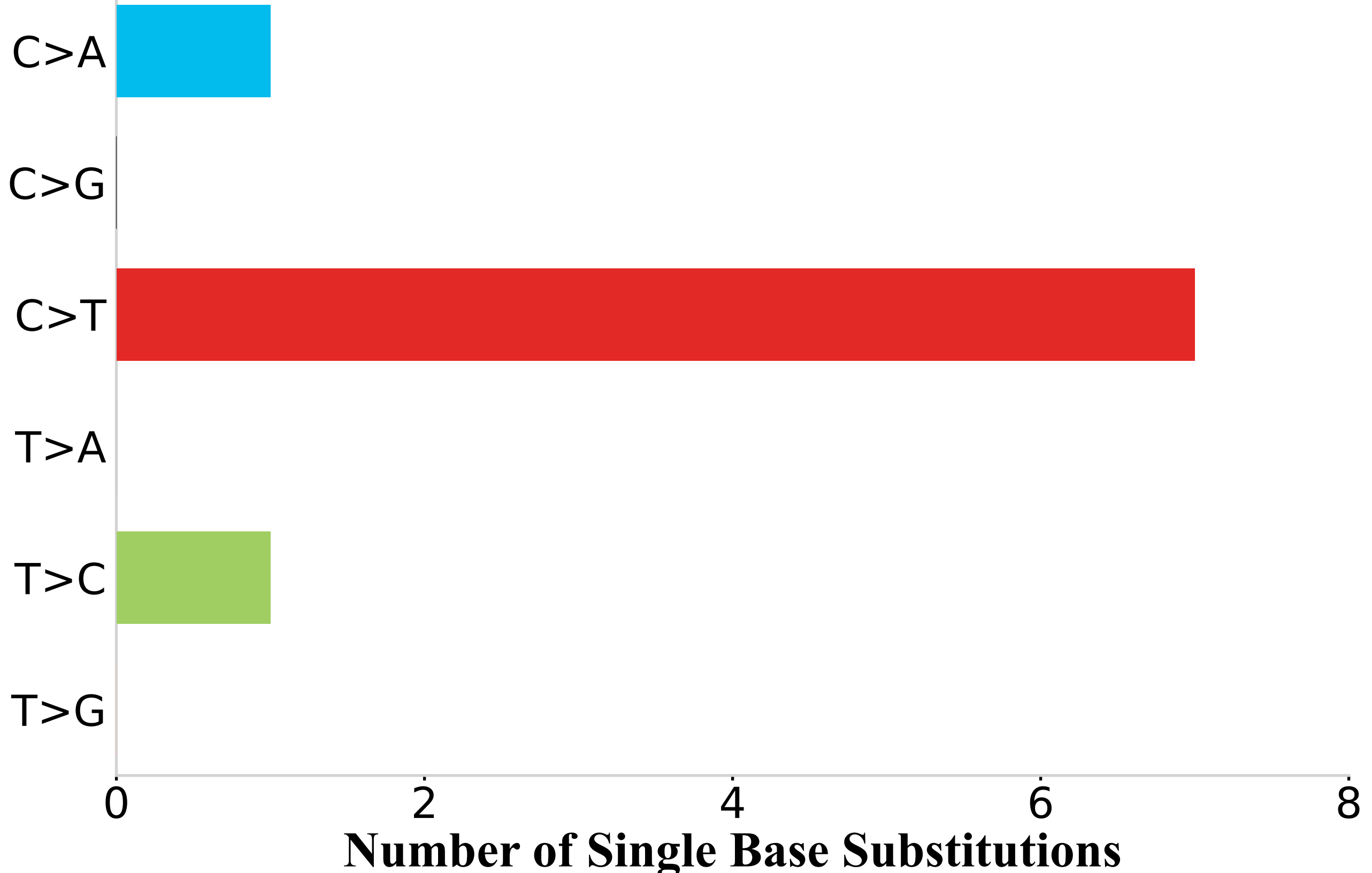
P-0020180-T02-IM6: 59 subs



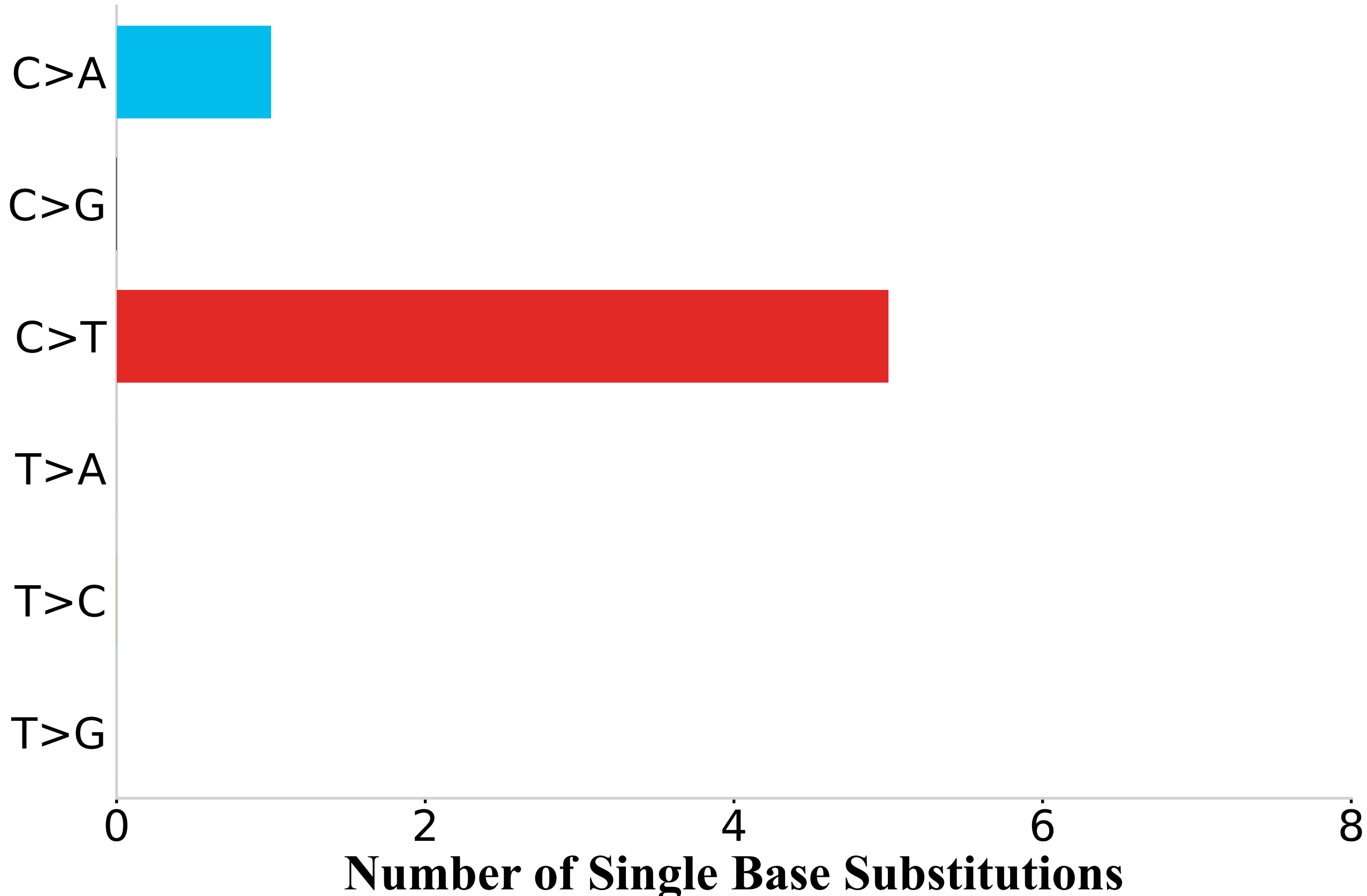
P-0021361-T01-IM6: 3 subs



P-0022400-T01-IM6: 9 subs



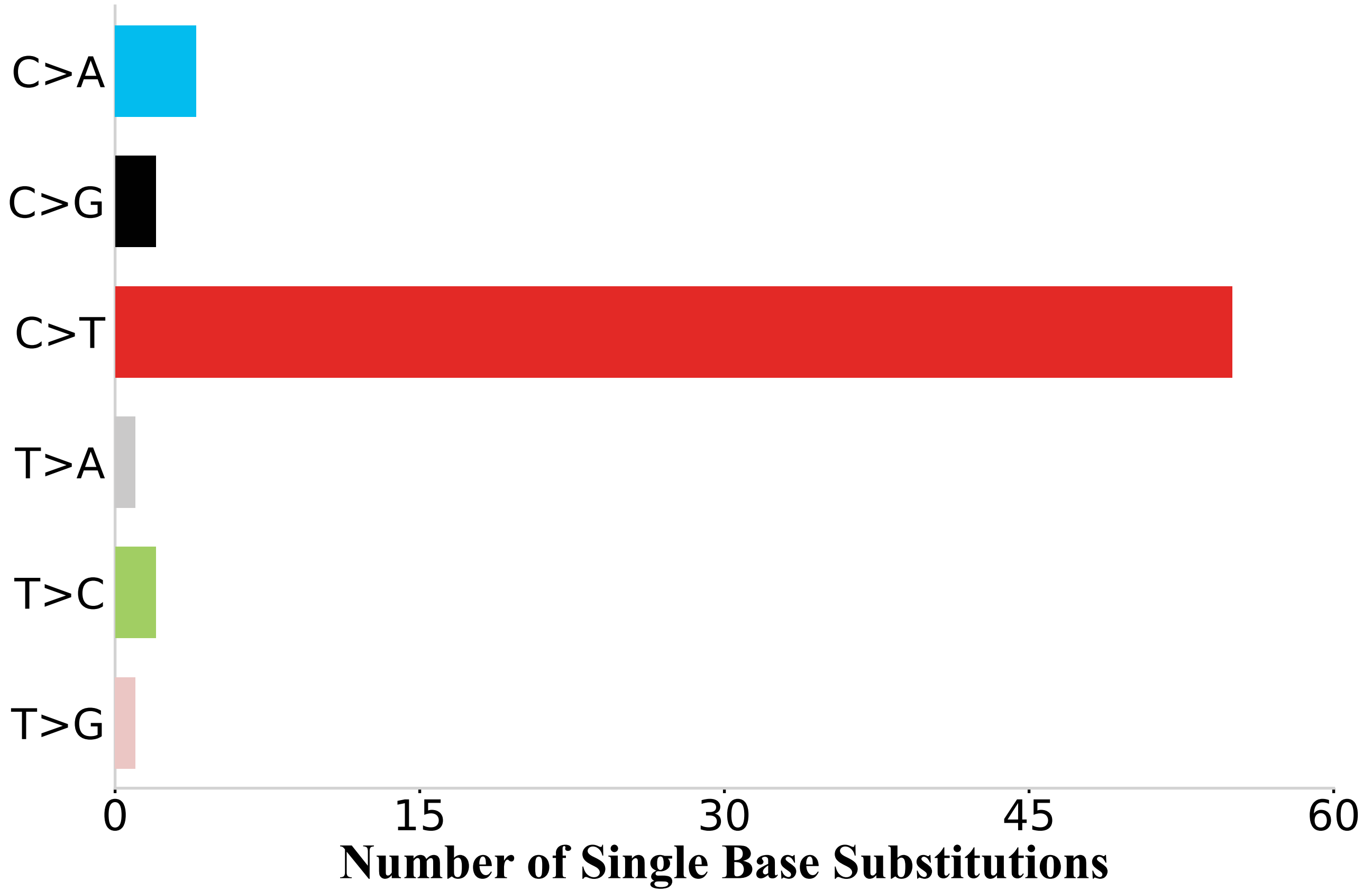
P-0023759-T01-IM6: 6 subs



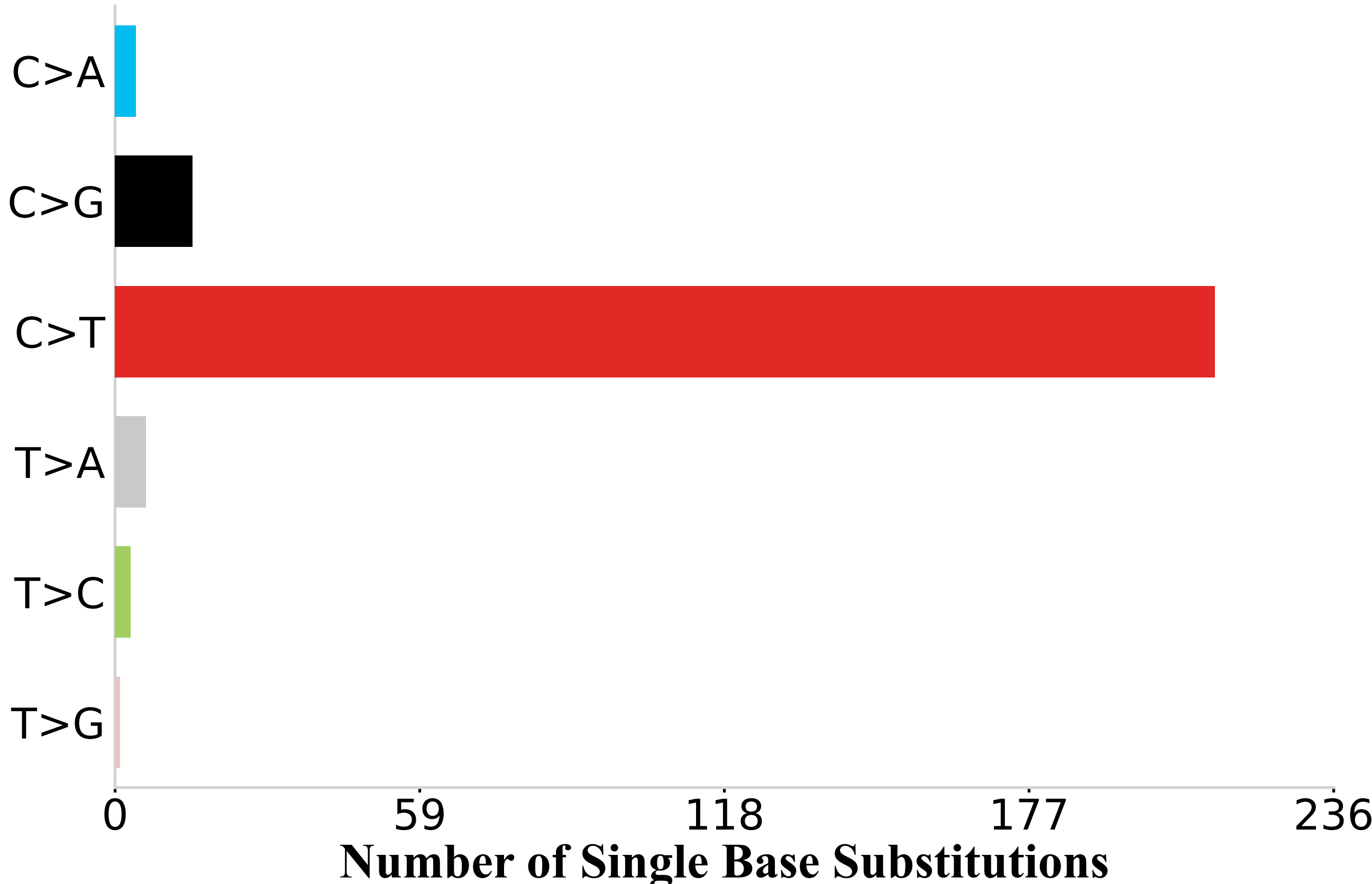
P-0023908-T01-IM6: 1 subs



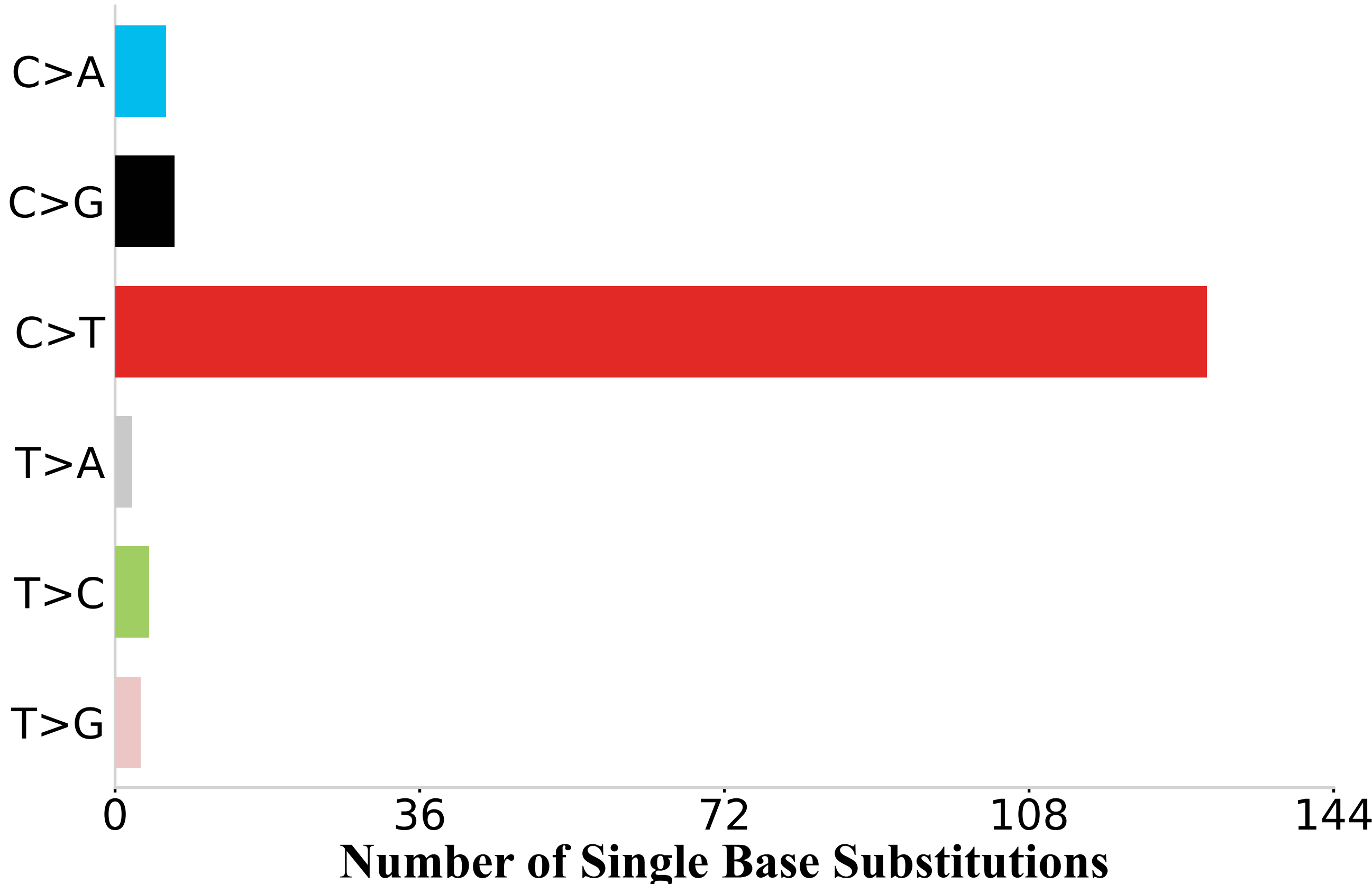
P-0024731-T01-IM6: 65 subs



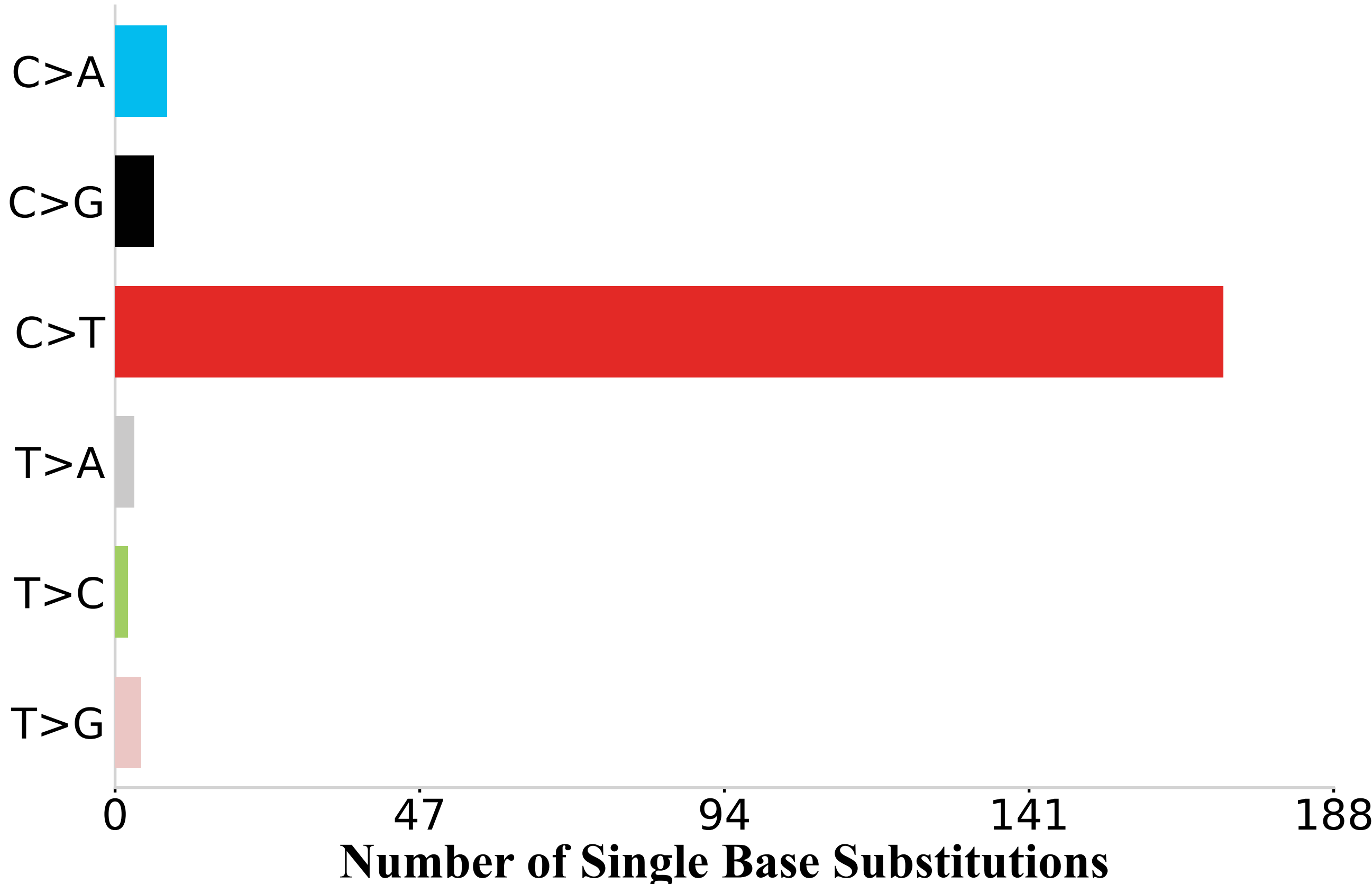
P-0025202-T01-IM6: 242 subs



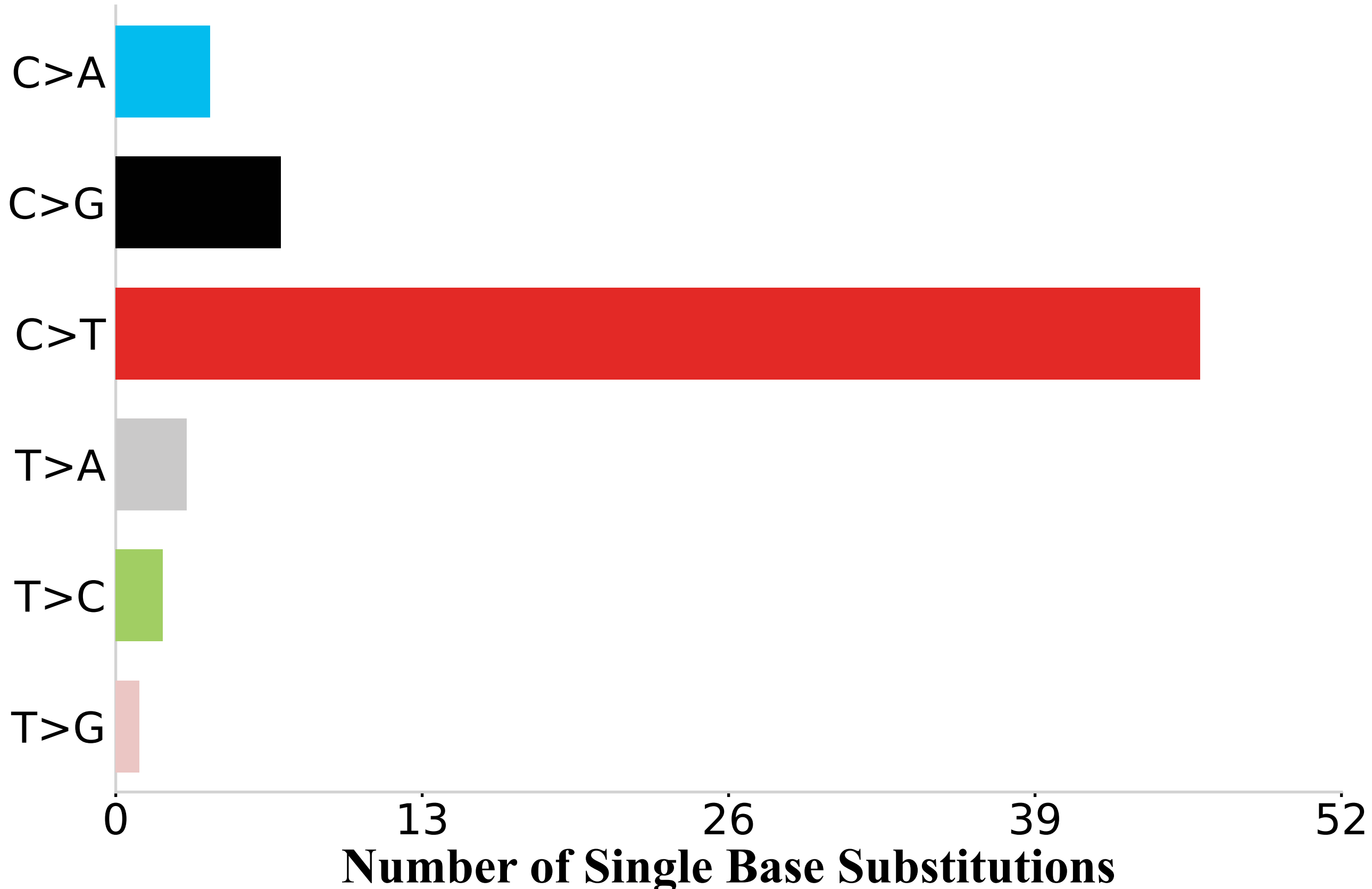
P-0026489-T01-IM6: 151 subs



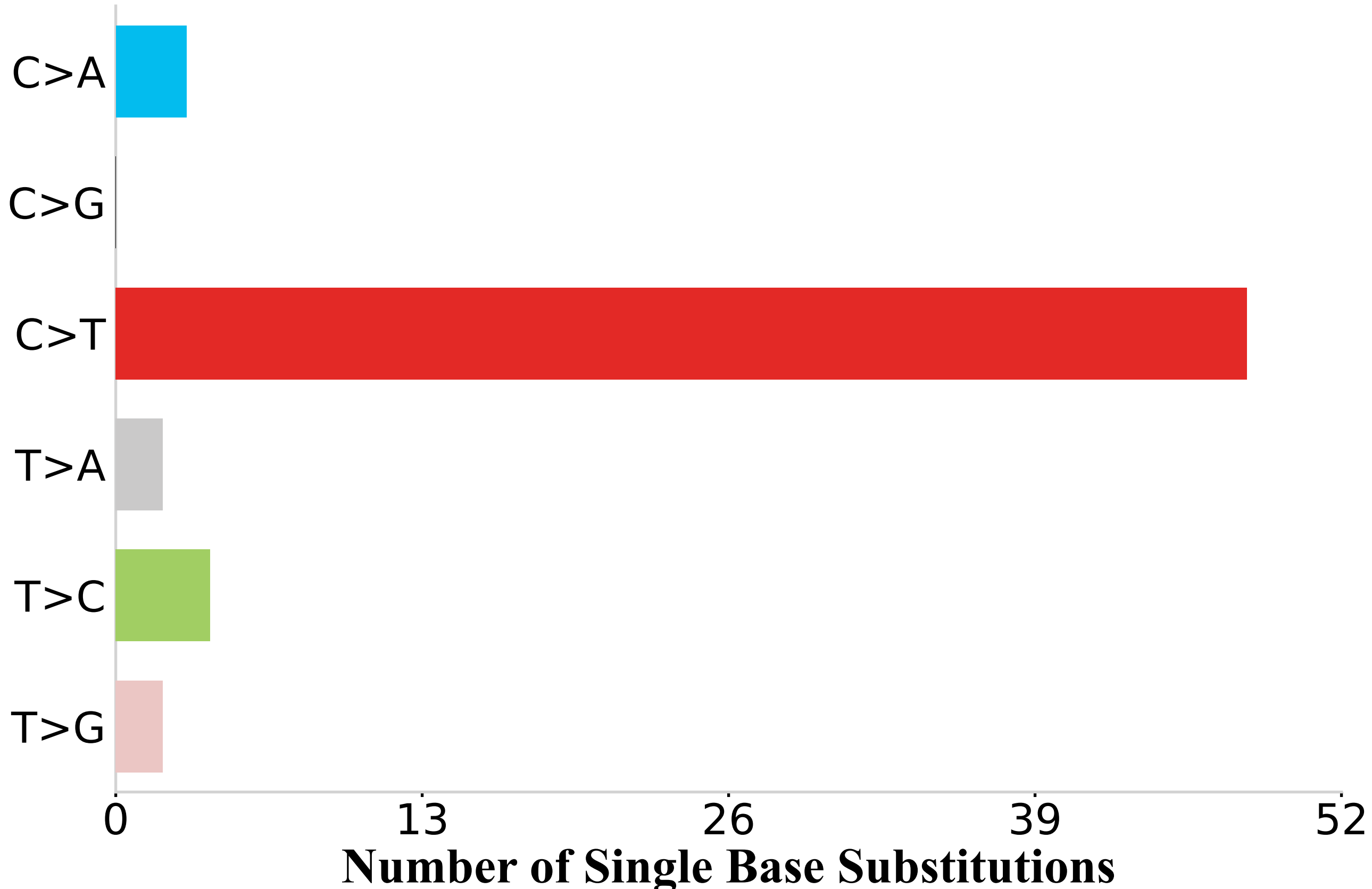
P-0026663-T01-IM6: 194 subs



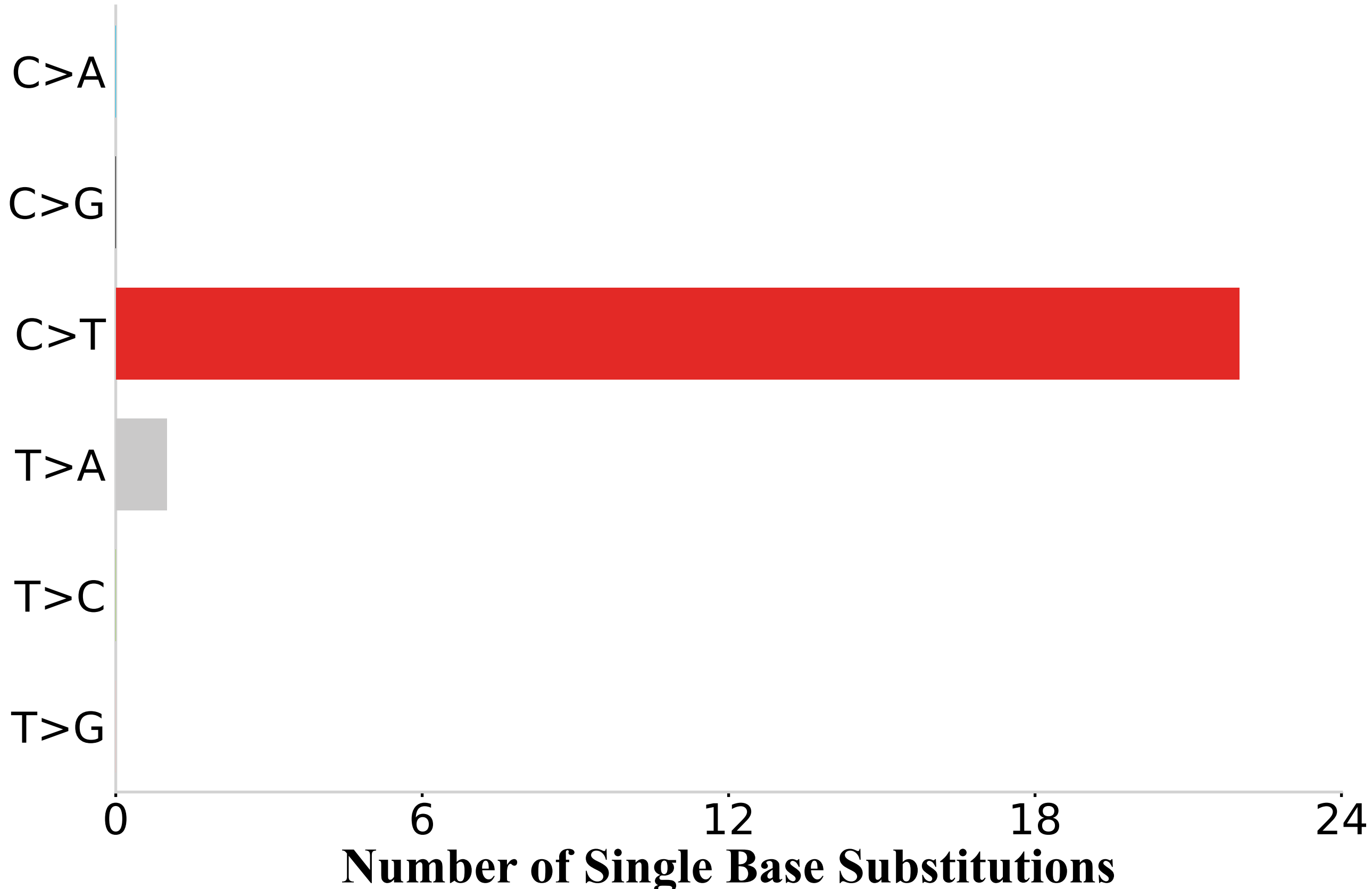
P-0027751-T01-IM6: 63 subs



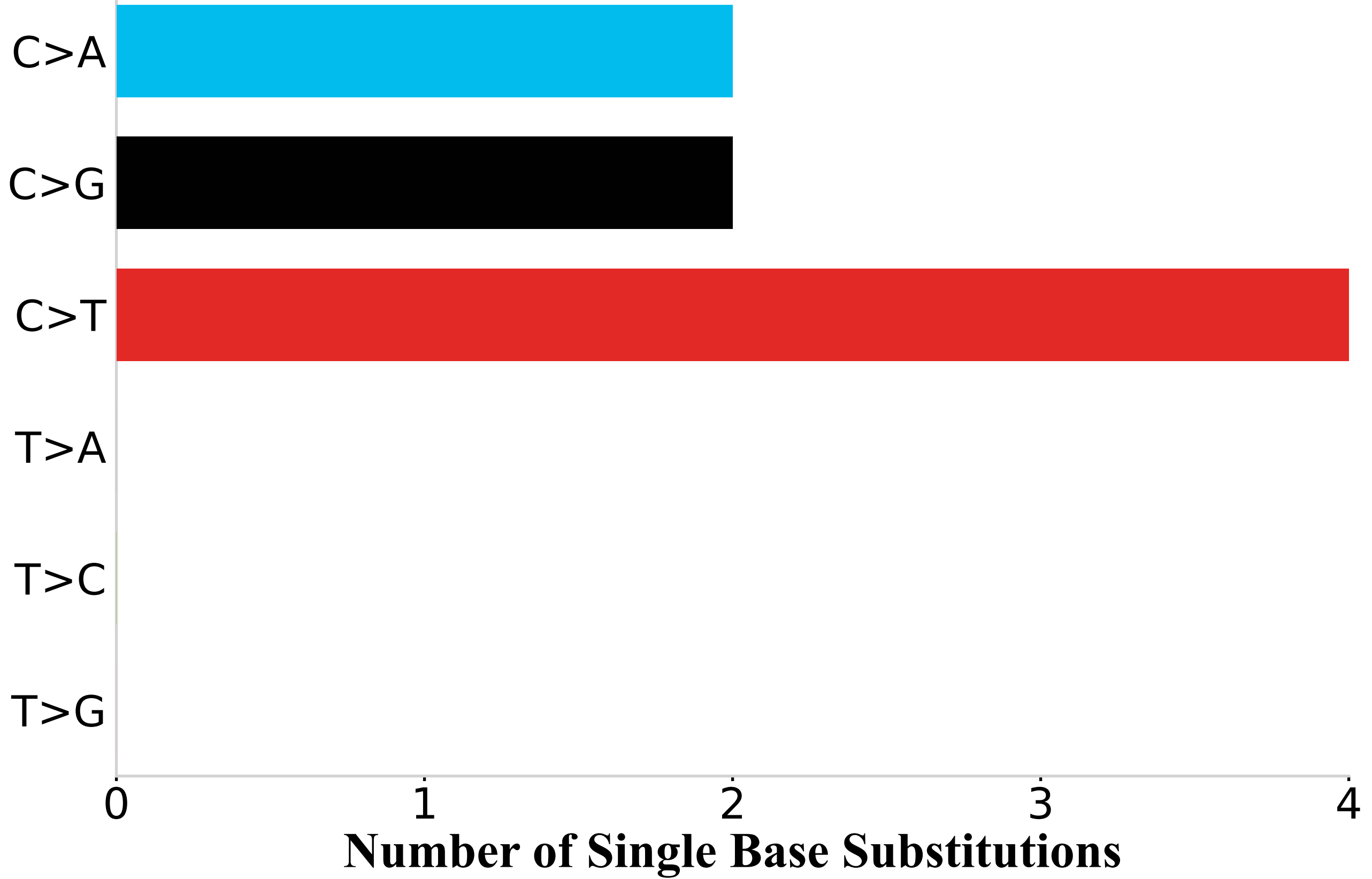
P-0027805-T01-IM6: 59 subs



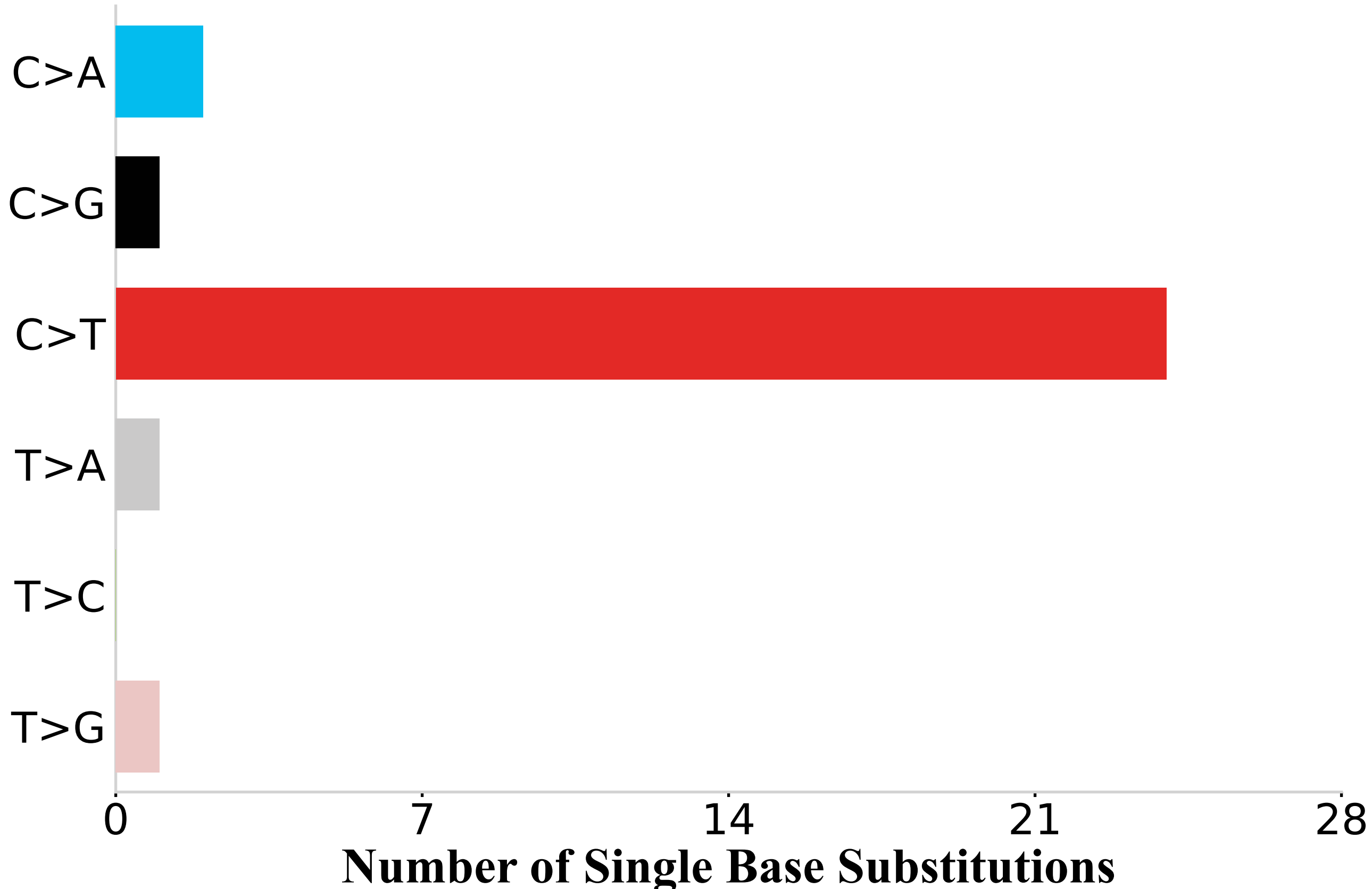
P-0027867-T01-IM6: 23 subs



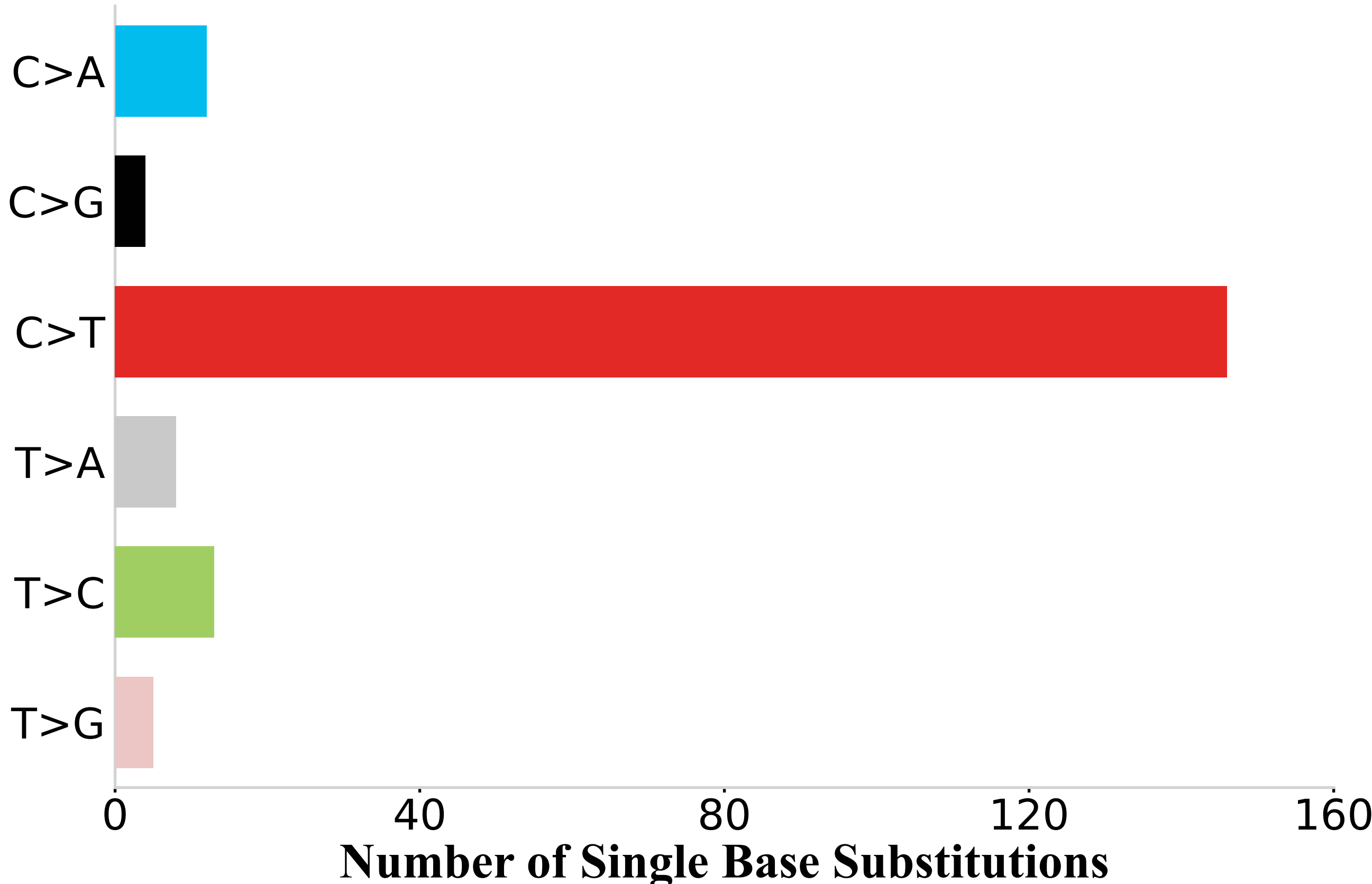
P-0028671-T01-IM6: 8 subs



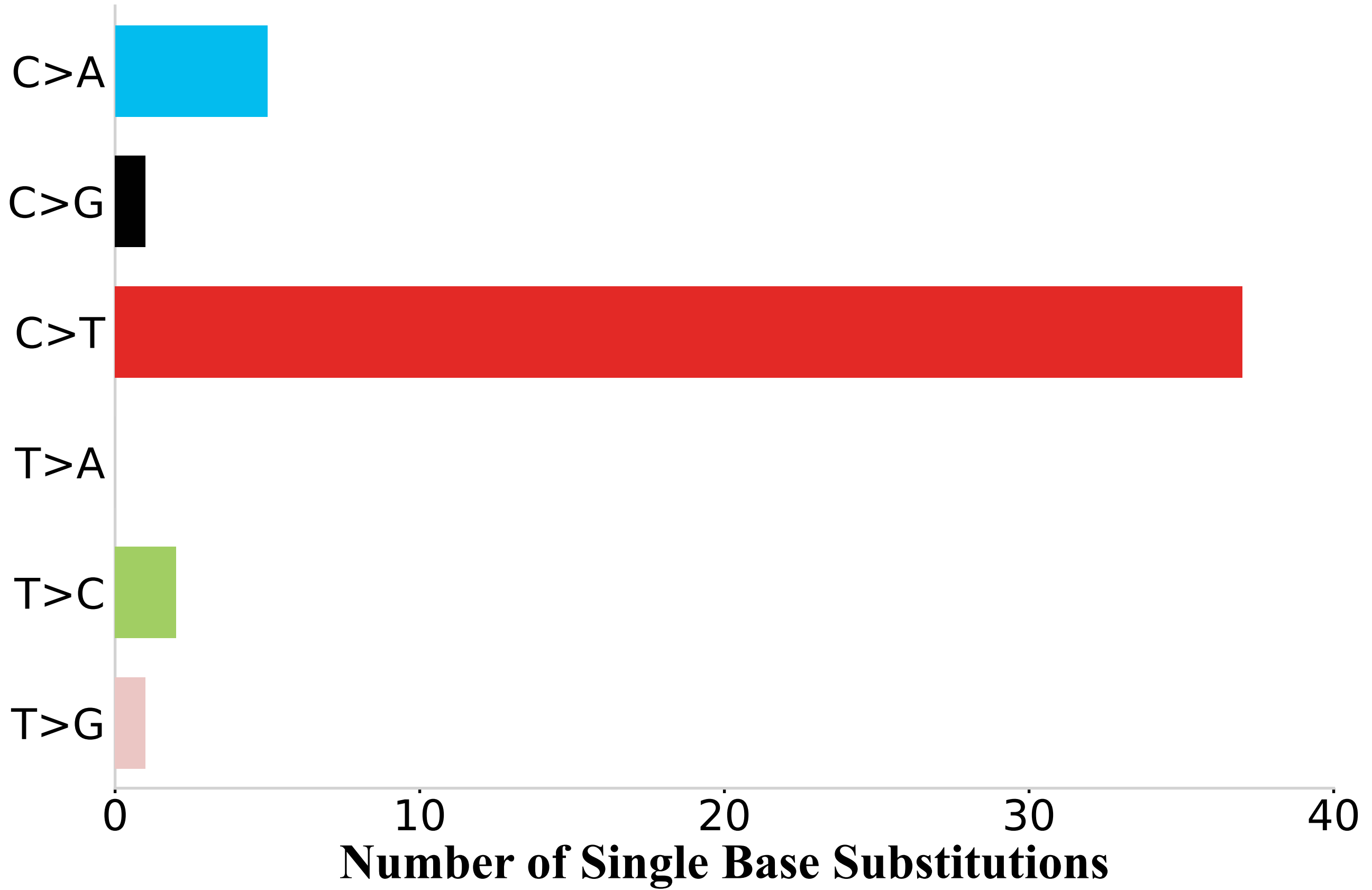
P-0028804-T01-IM6: 29 subs



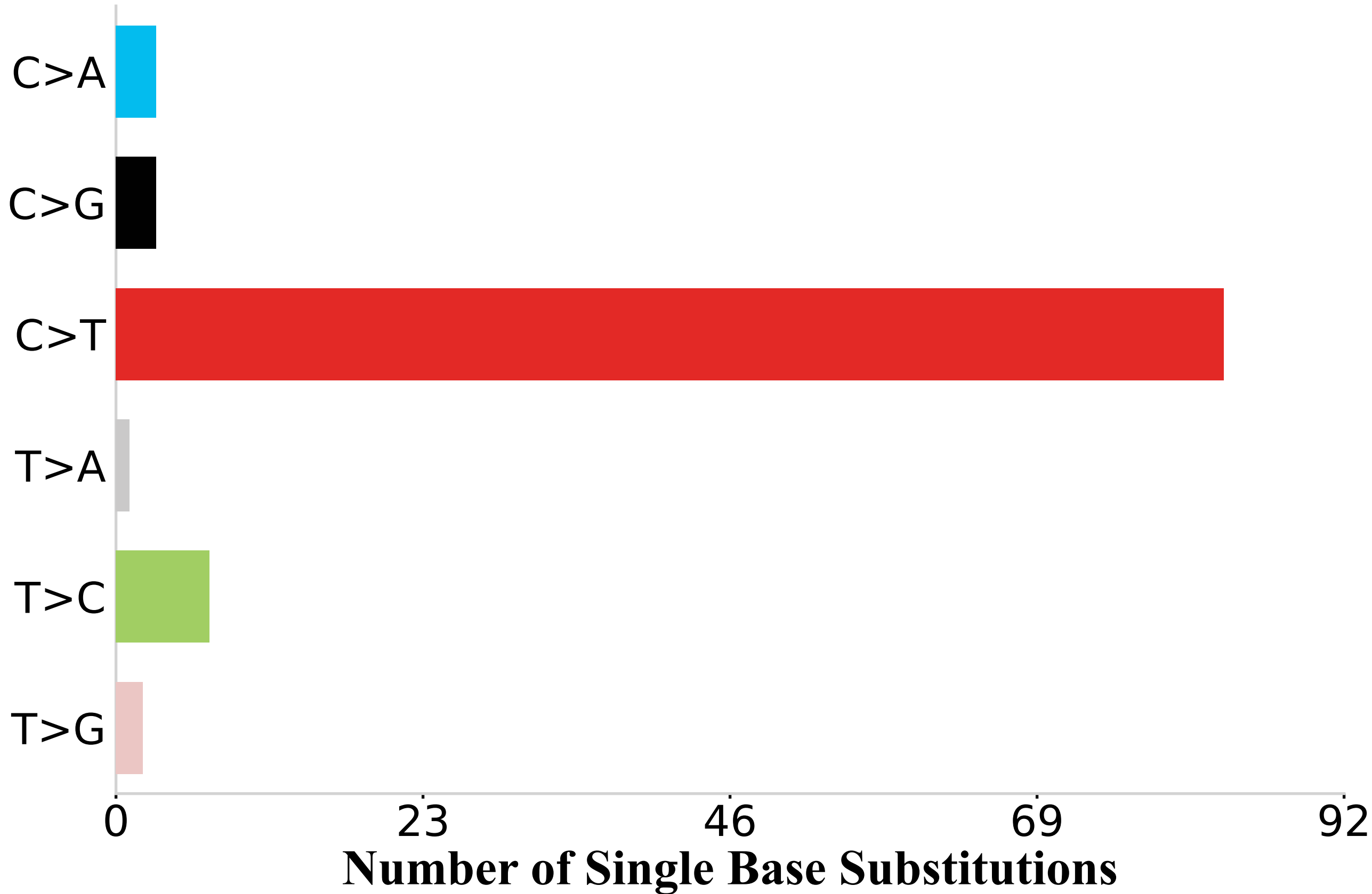
P-0030089-T01-IM6: 188 subs



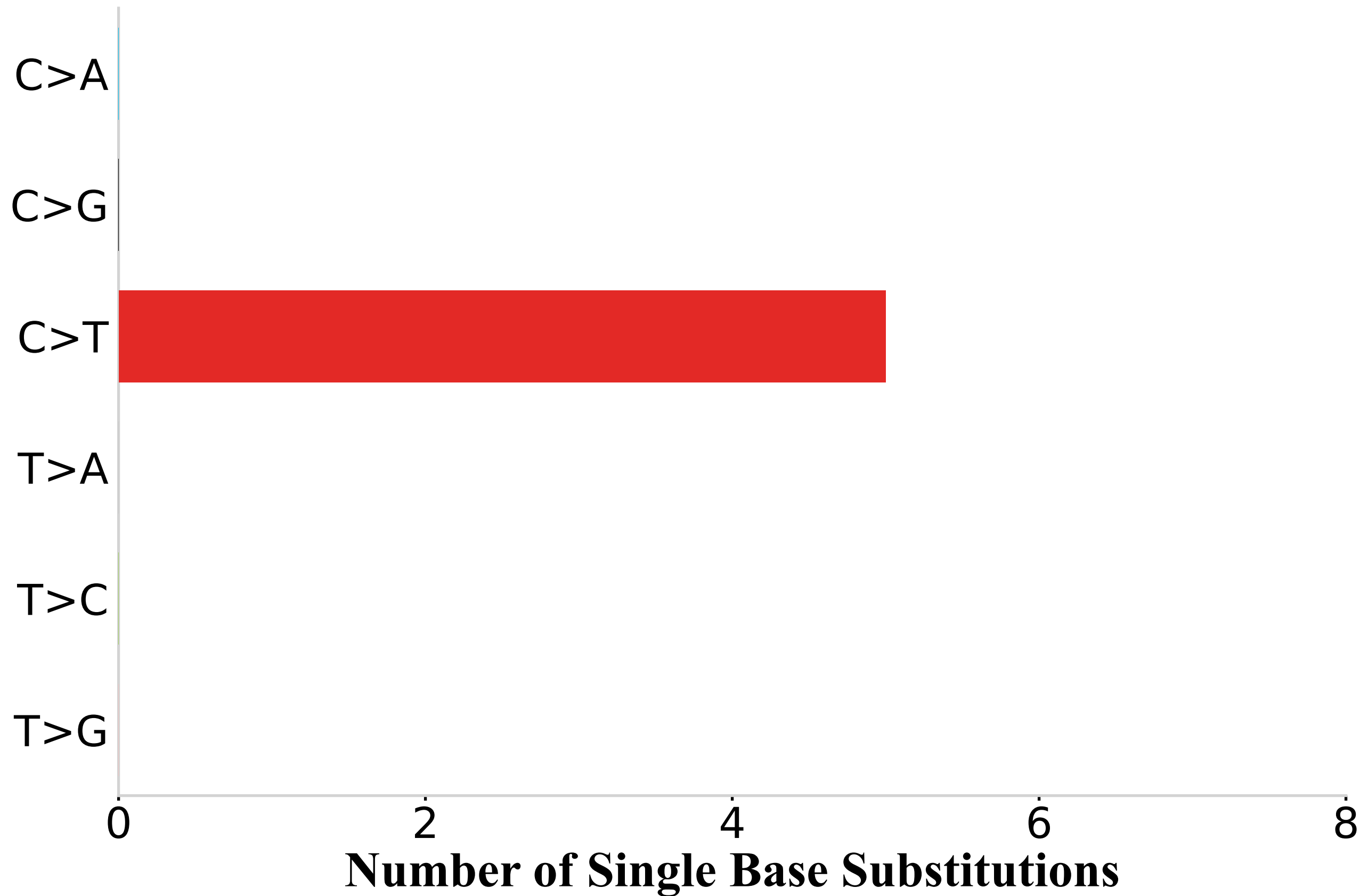
P-0030197-T01-IM6: 46 subs



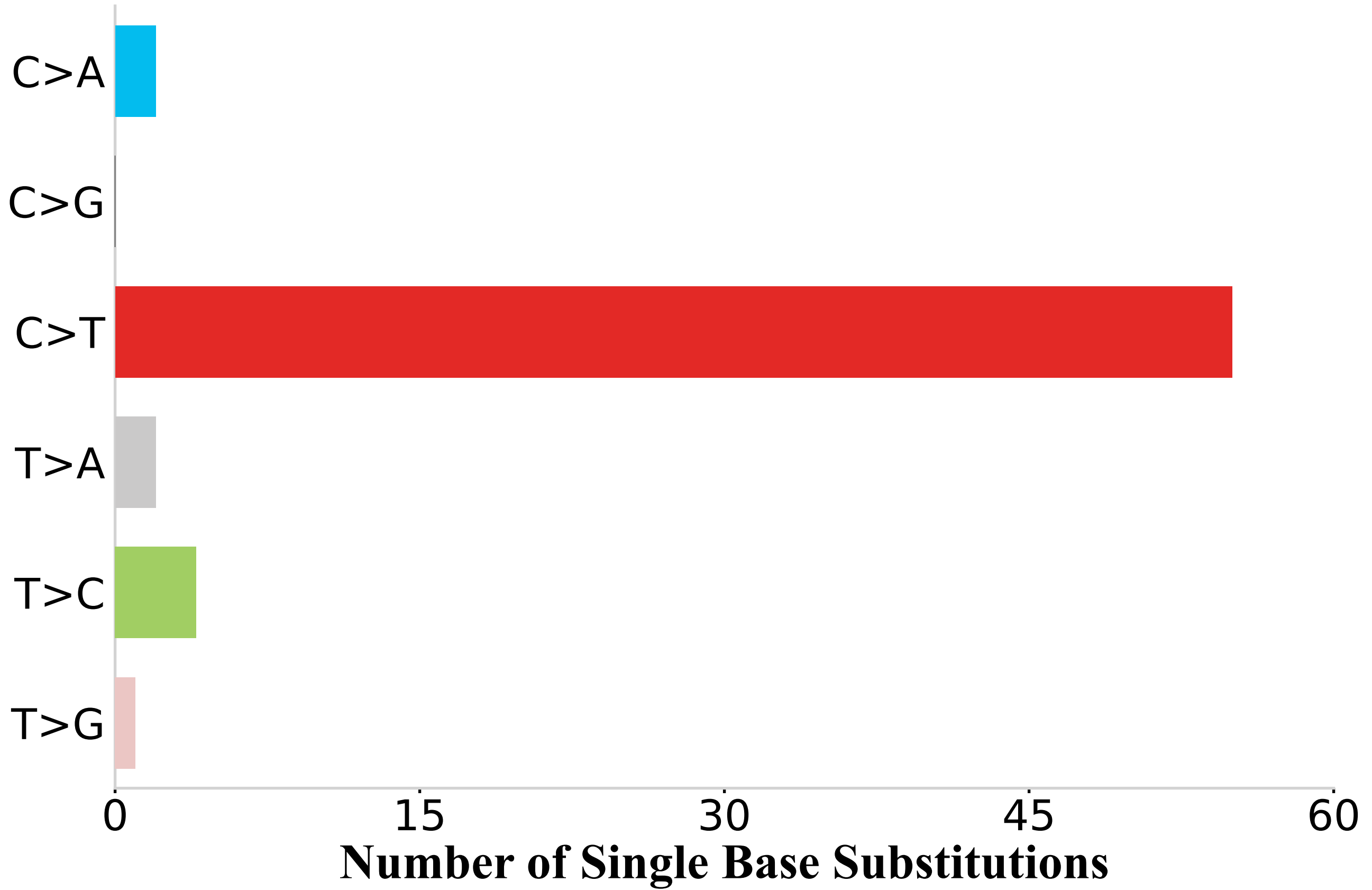
P-0030295-T01-IM6: 99 subs



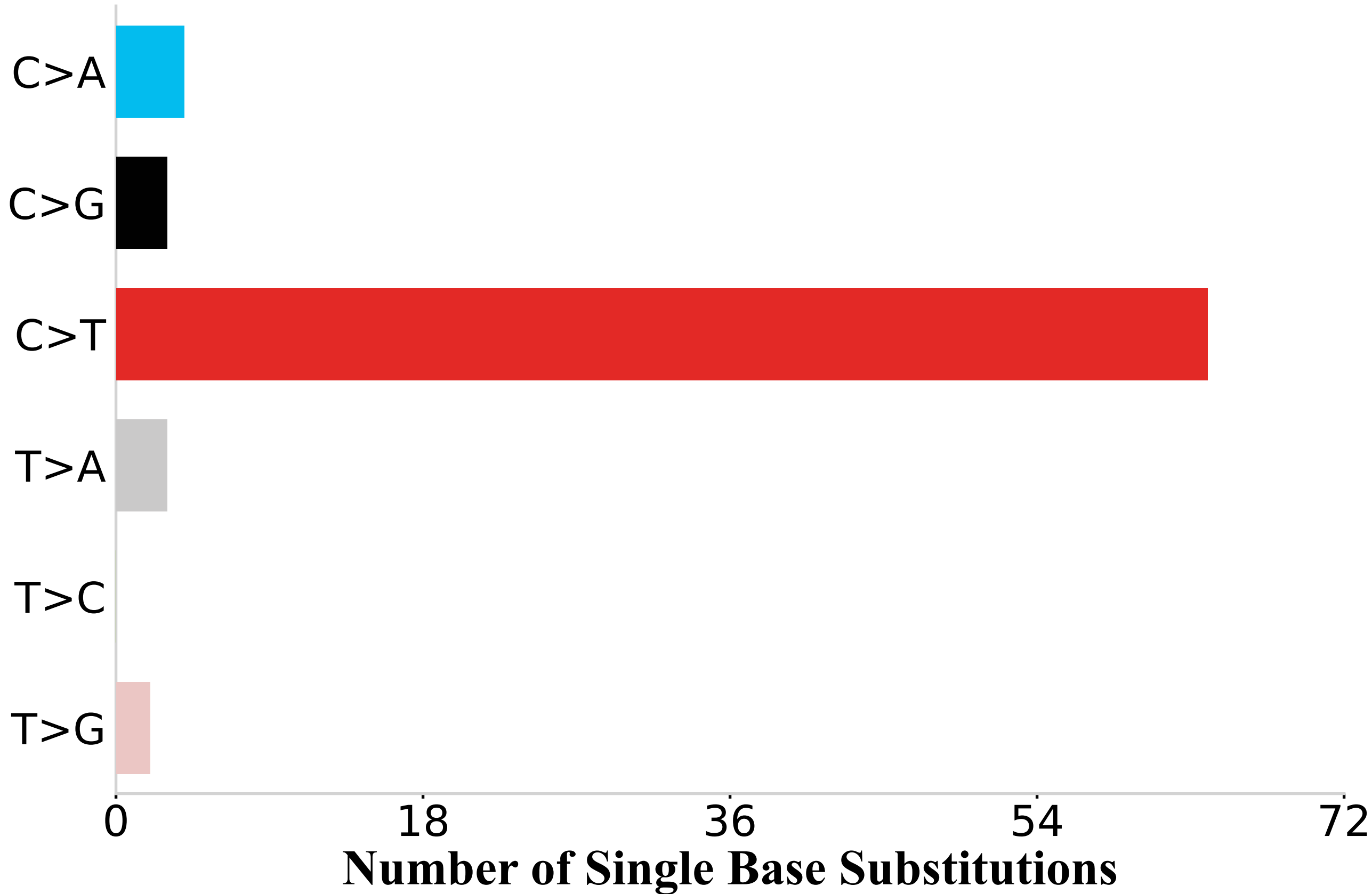
P-0030314-T01-IM6: 5 subs



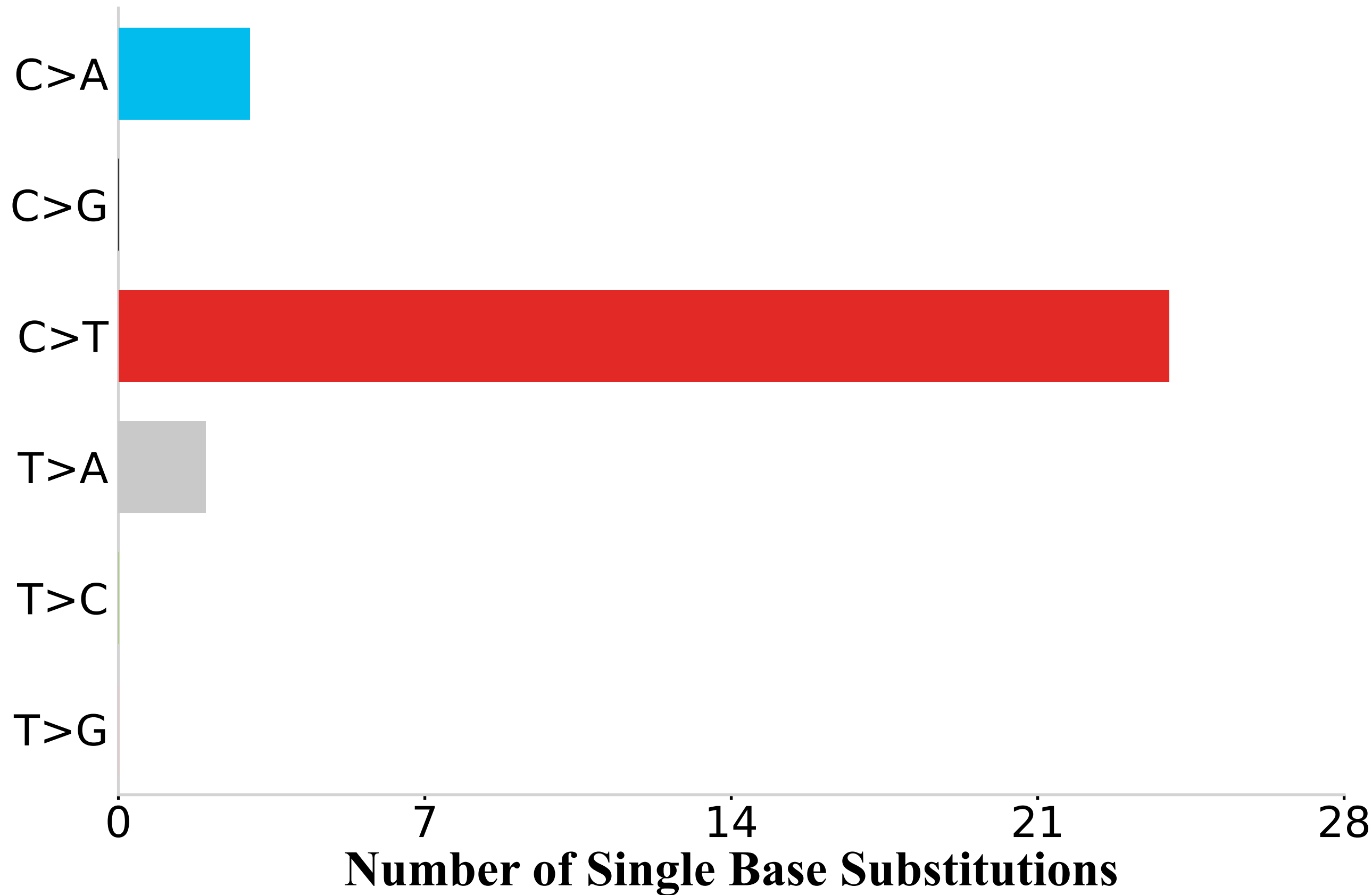
P-0032660-T01-IM6: 64 subs



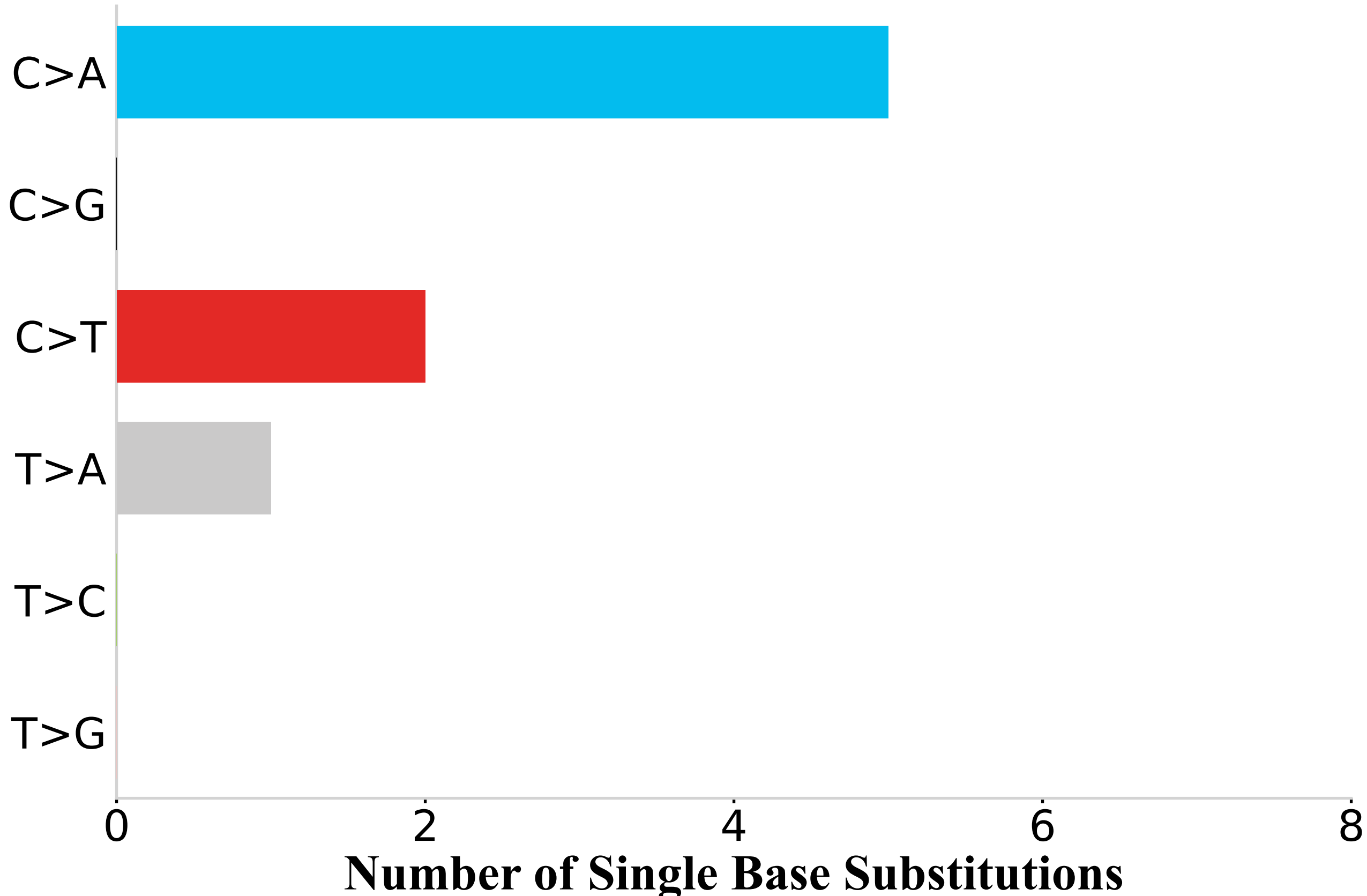
P-0033494-T01-IM6: 76 subs



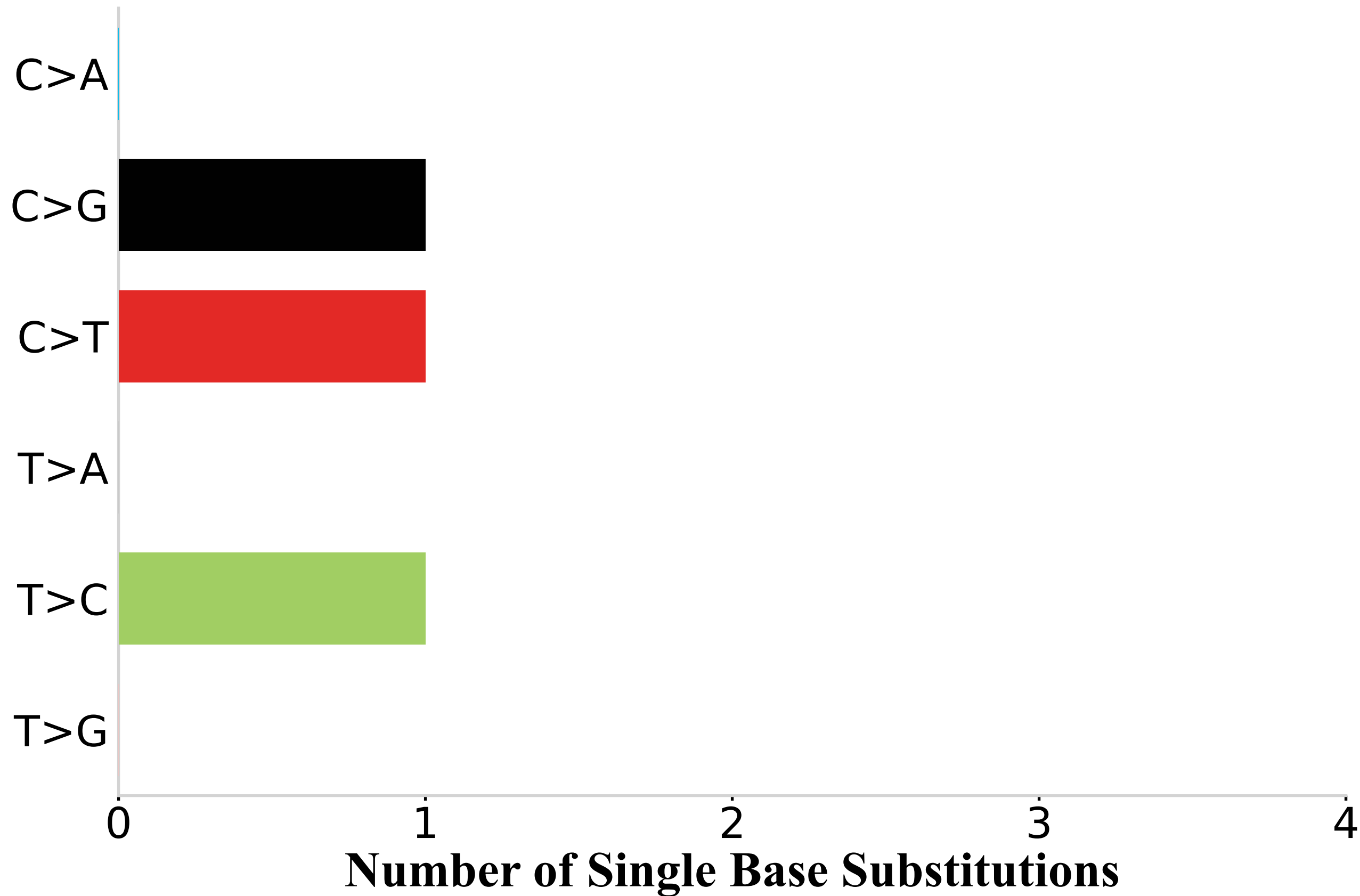
P-0033836-T01-IM6: 29 subs



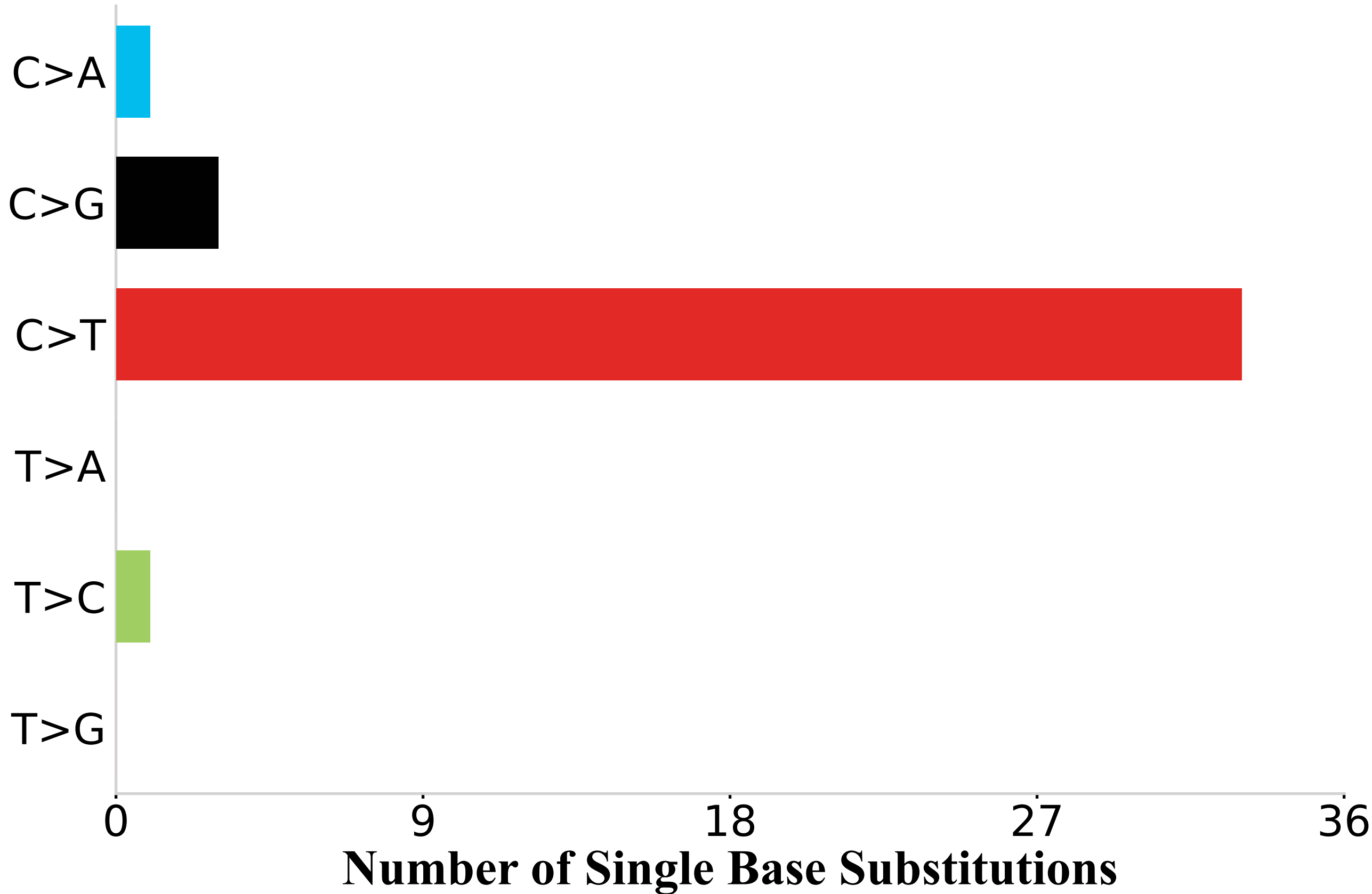
P-0033997-T01-IM6: 8 subs



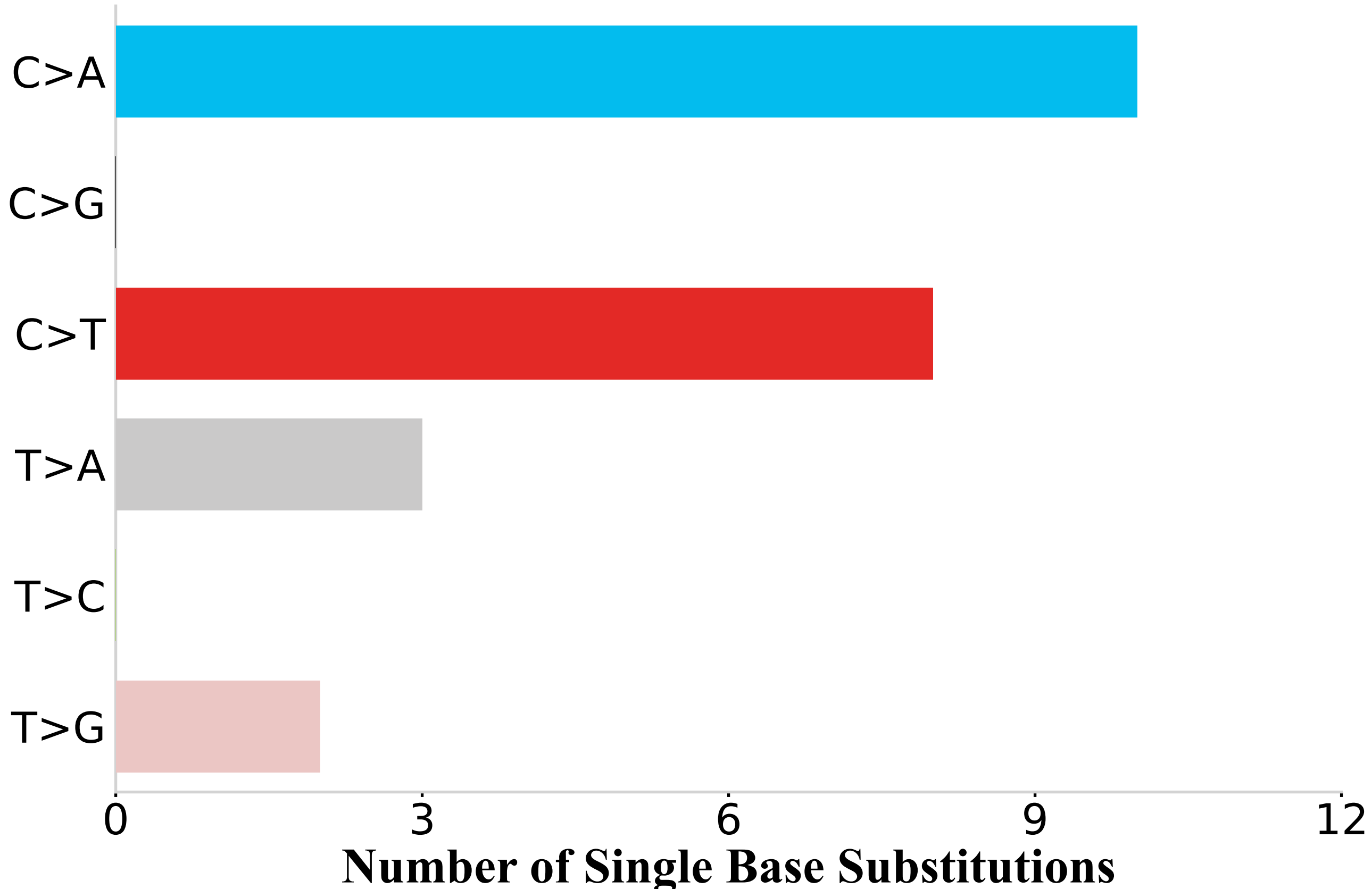
P-0034190-T01-IM6: 3 subs



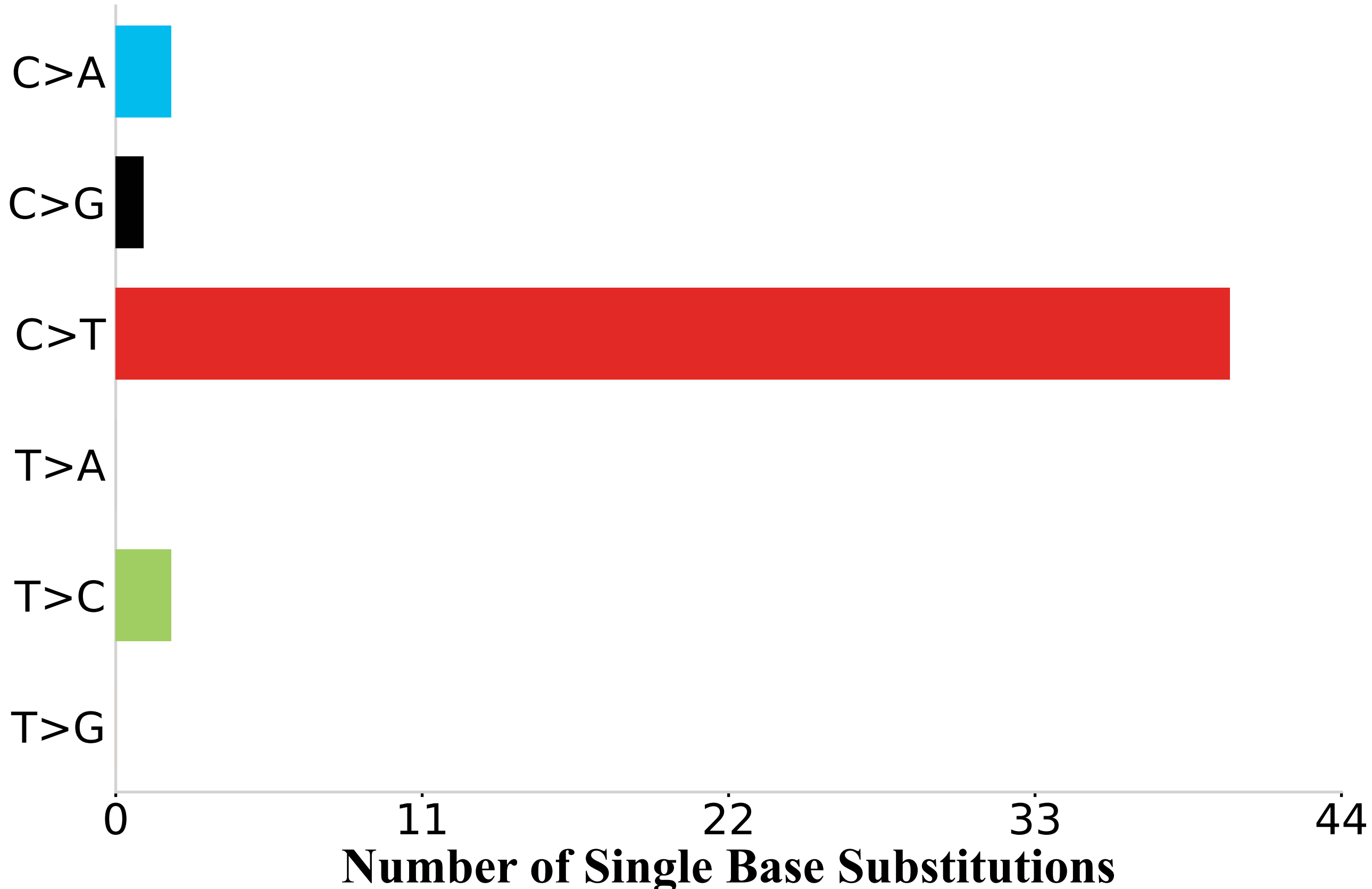
P-0035161-T01-IM6: 38 subs



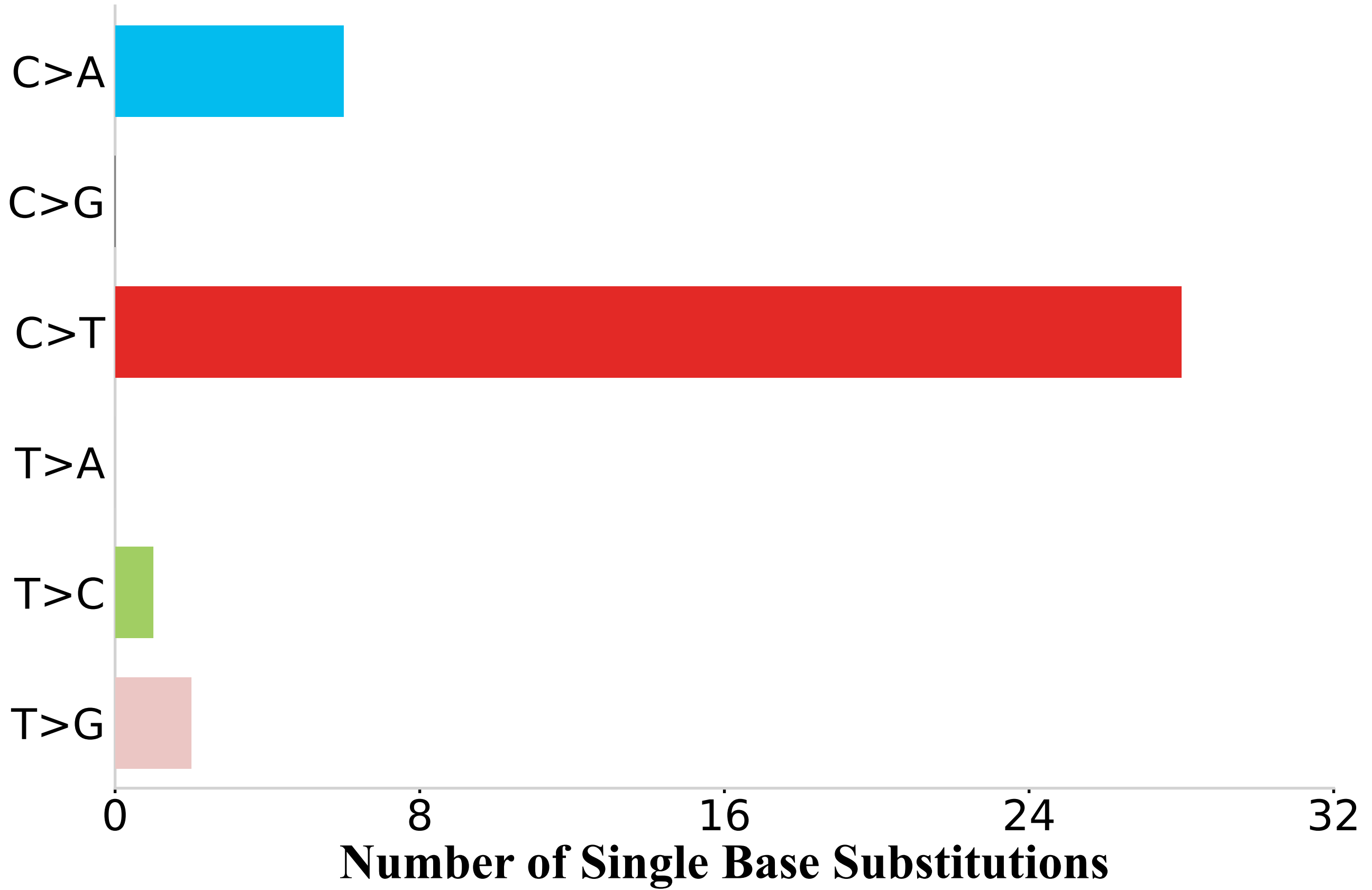
P-0036165-T01-IM6: 23 subs



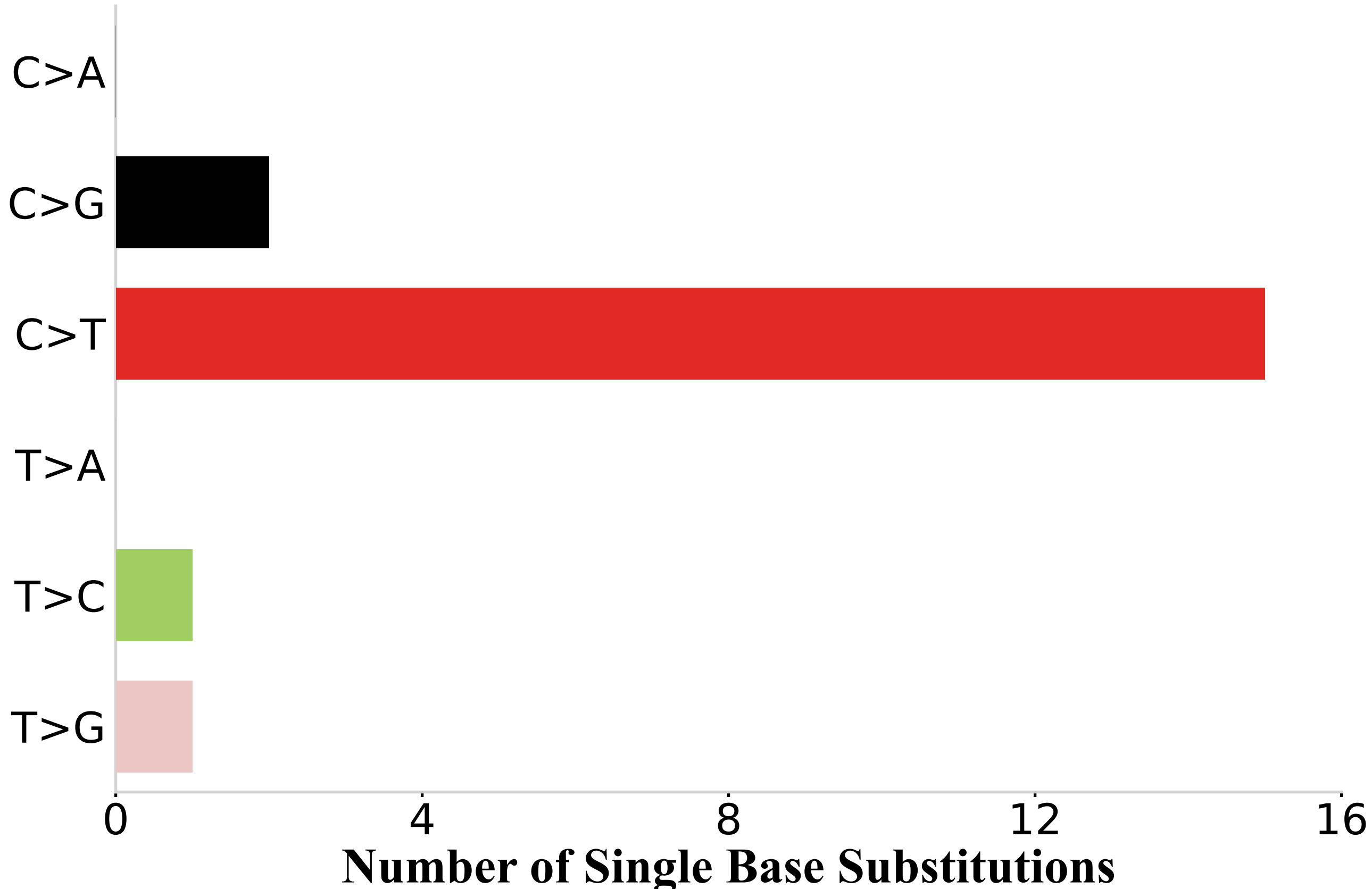
P-0037041-T01-IM6: 45 subs



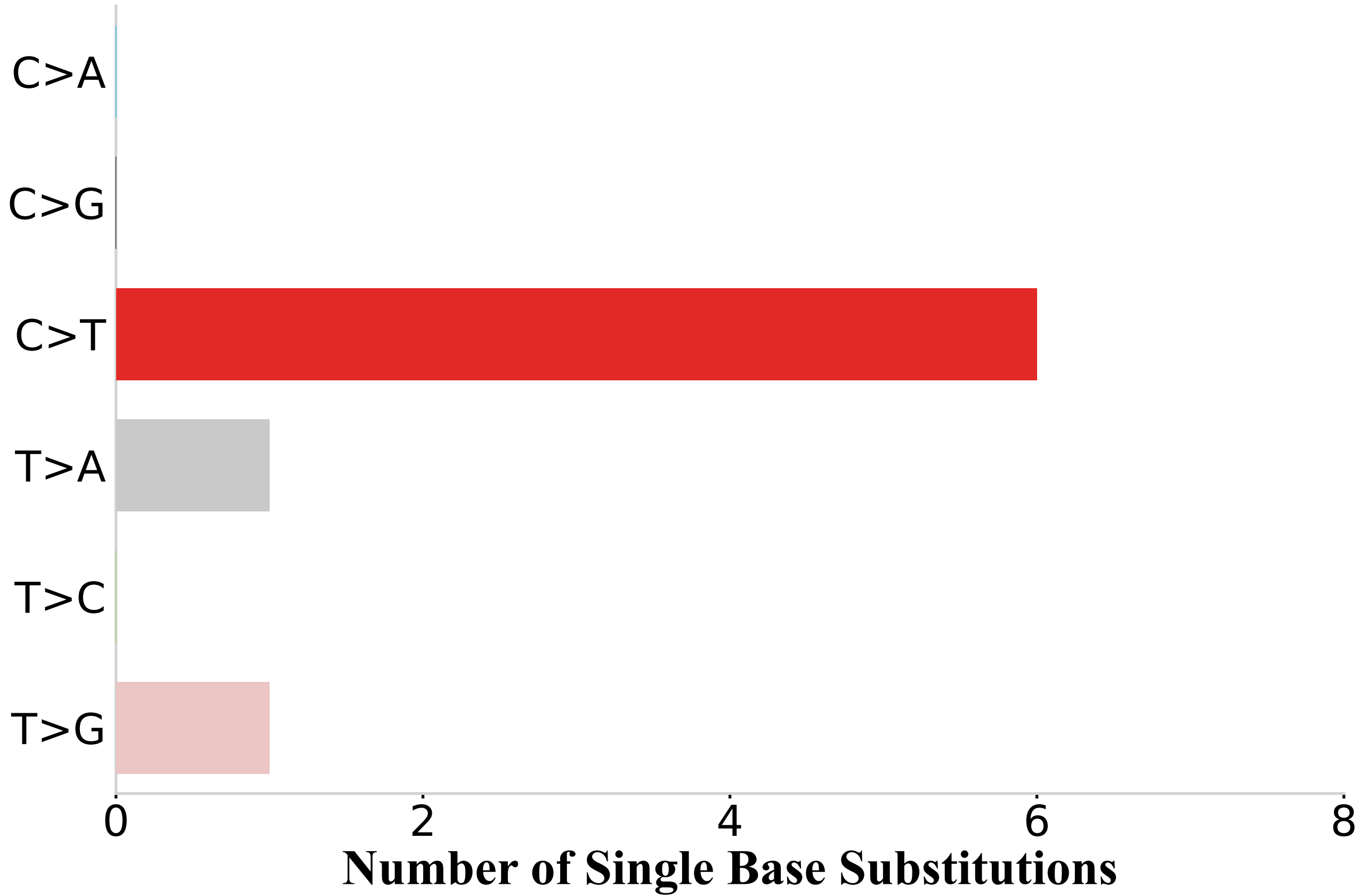
P-0037117-T01-IM6: 37 subs



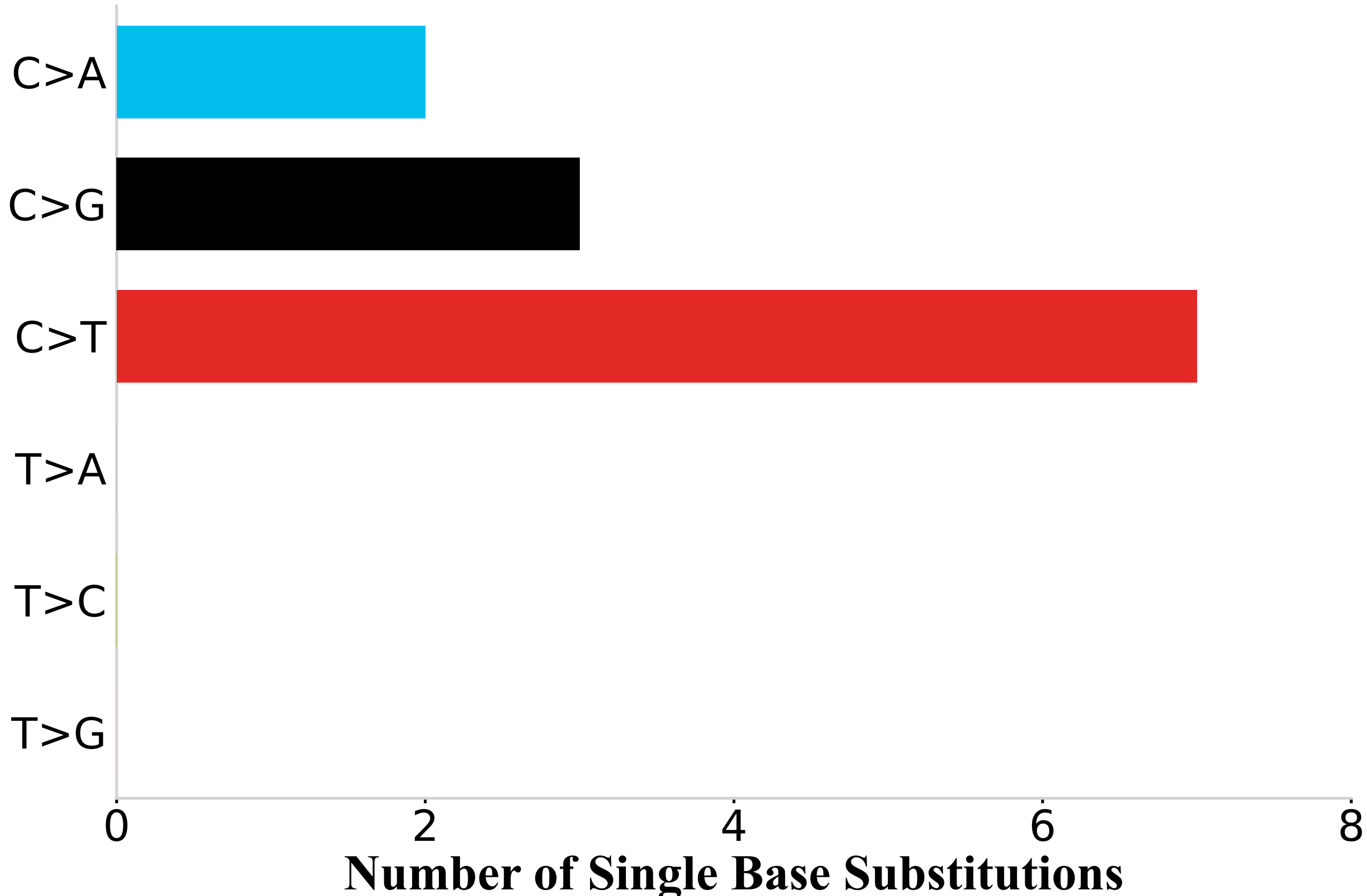
P-0037314-T01-IM6: 19 subs



P-0037394-T01-IM6: 8 subs



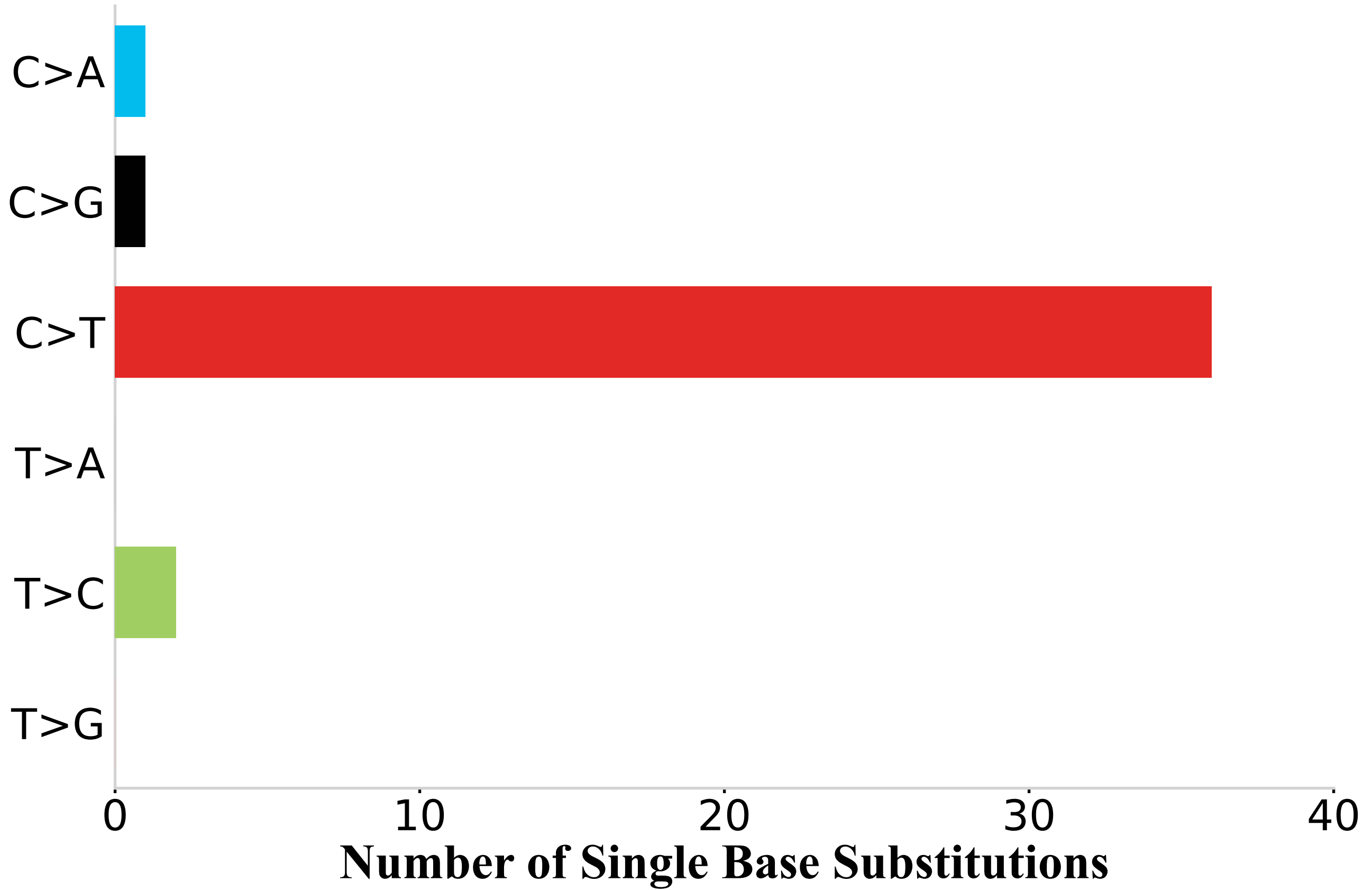
P-0038225-T01-IM6: 12 subs



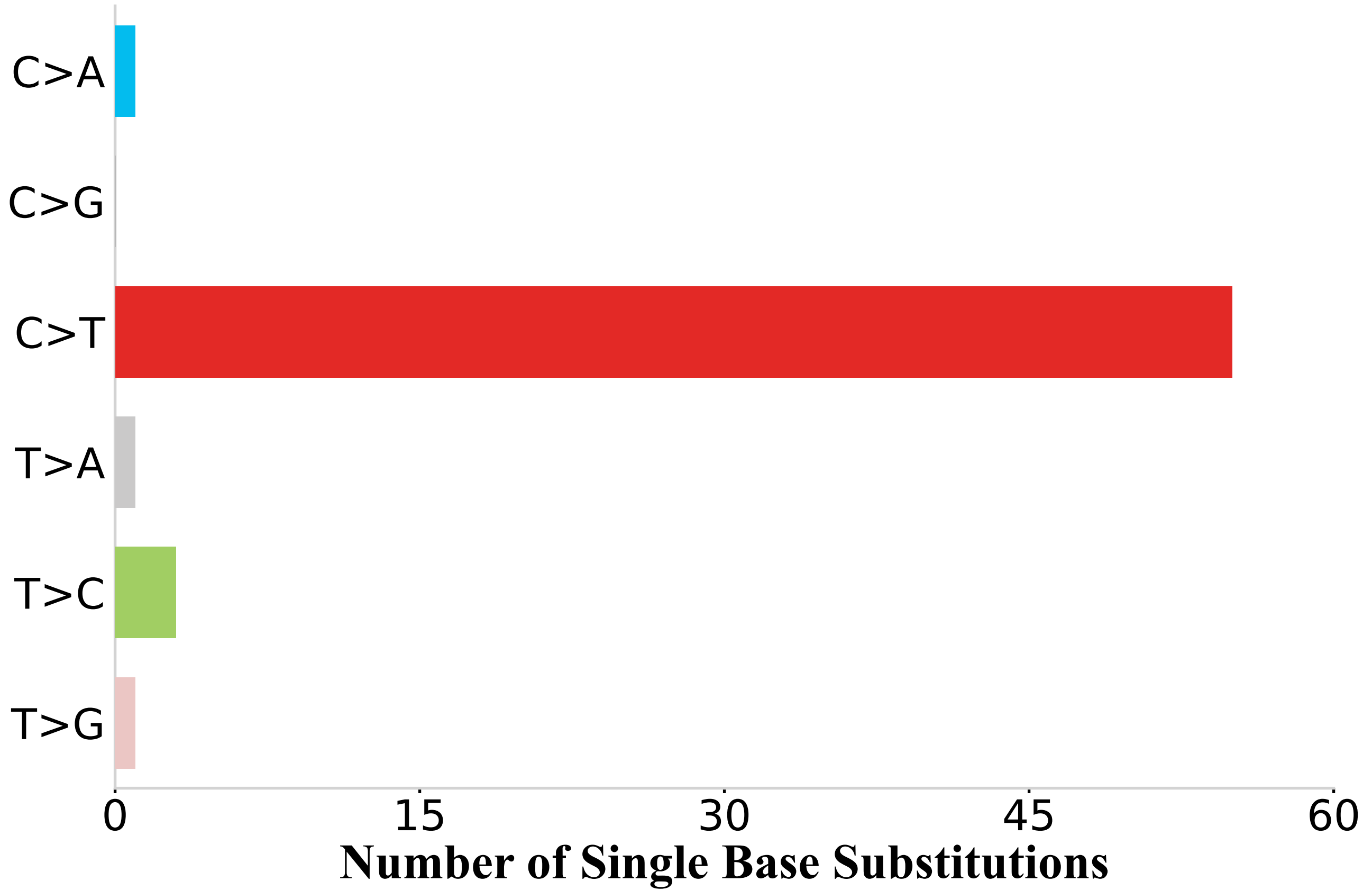
P-0038516-T01-IM6: 1 subs



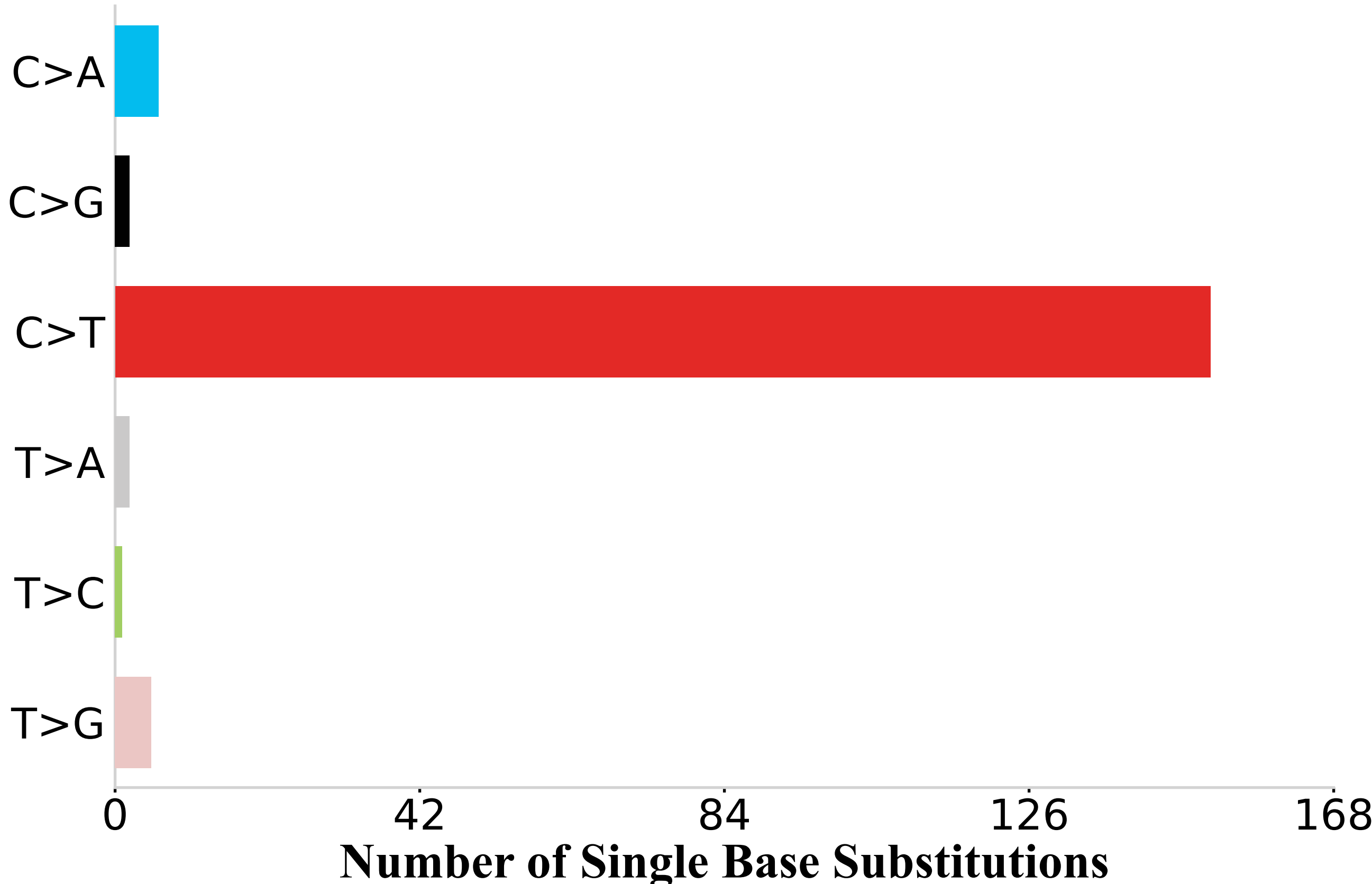
P-0039578-T01-IM6: 40 subs



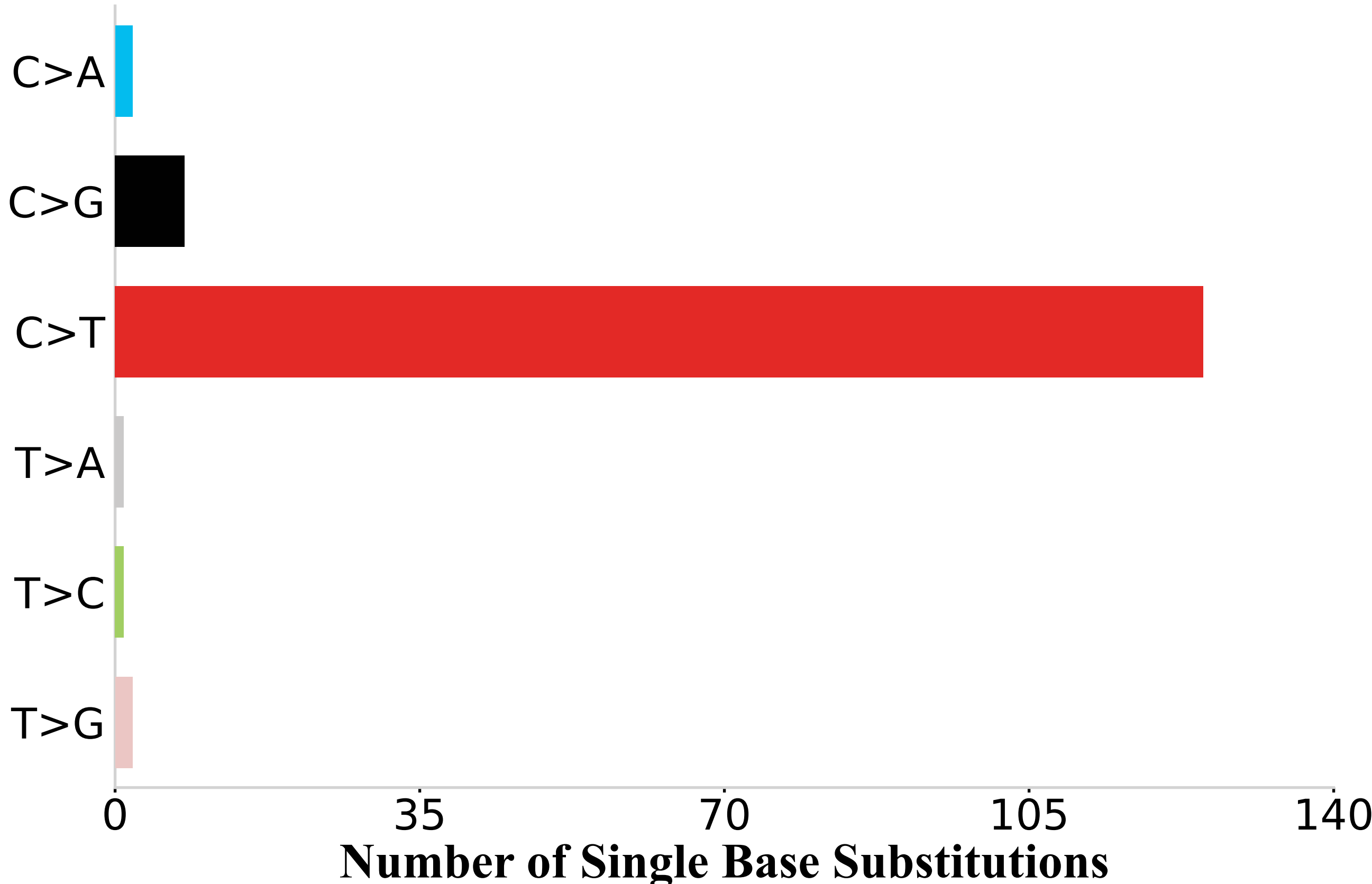
P-0040452-T01-IM6: 61 subs



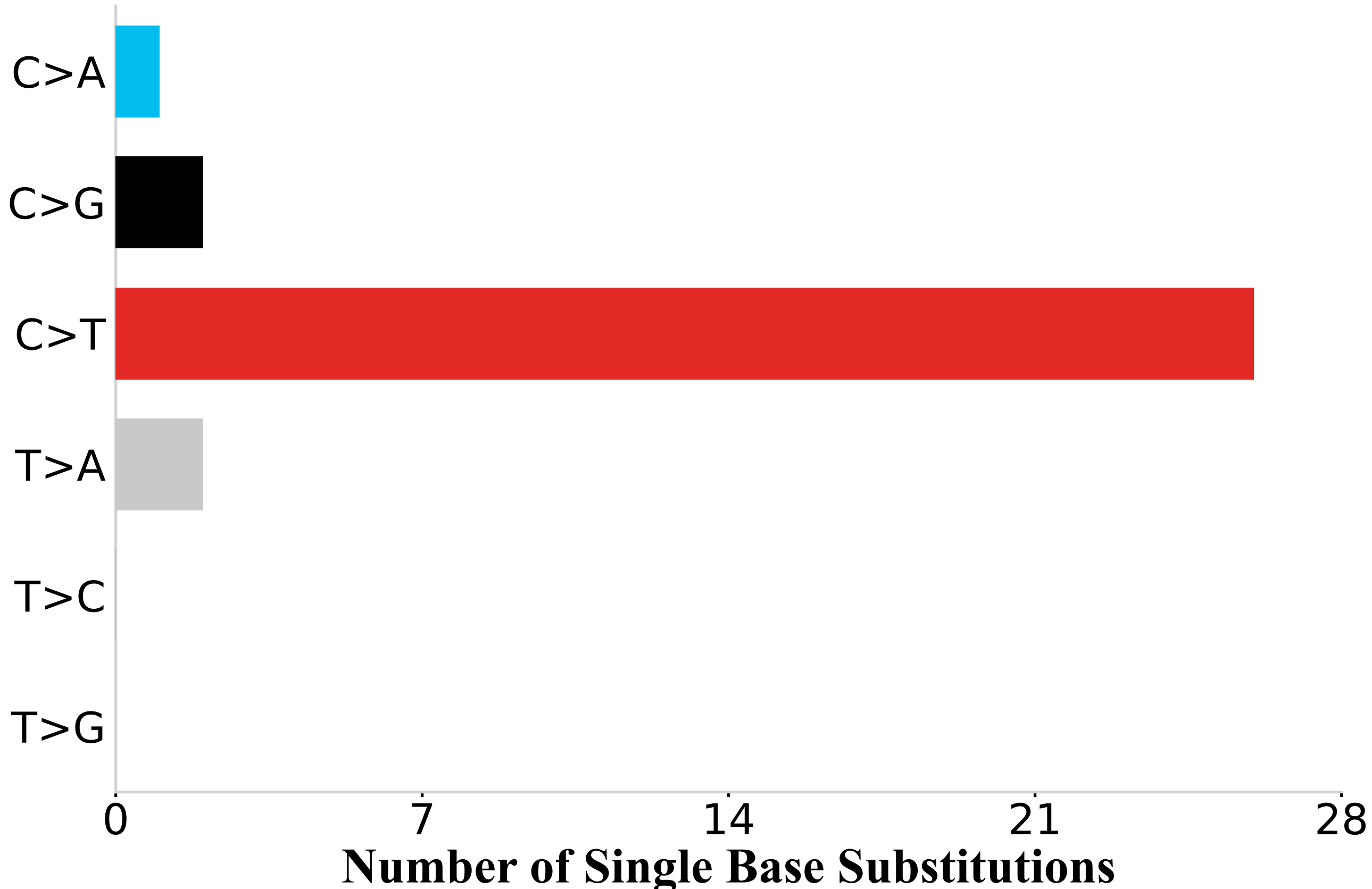
P-0041633-T01-IM6: 167 subs



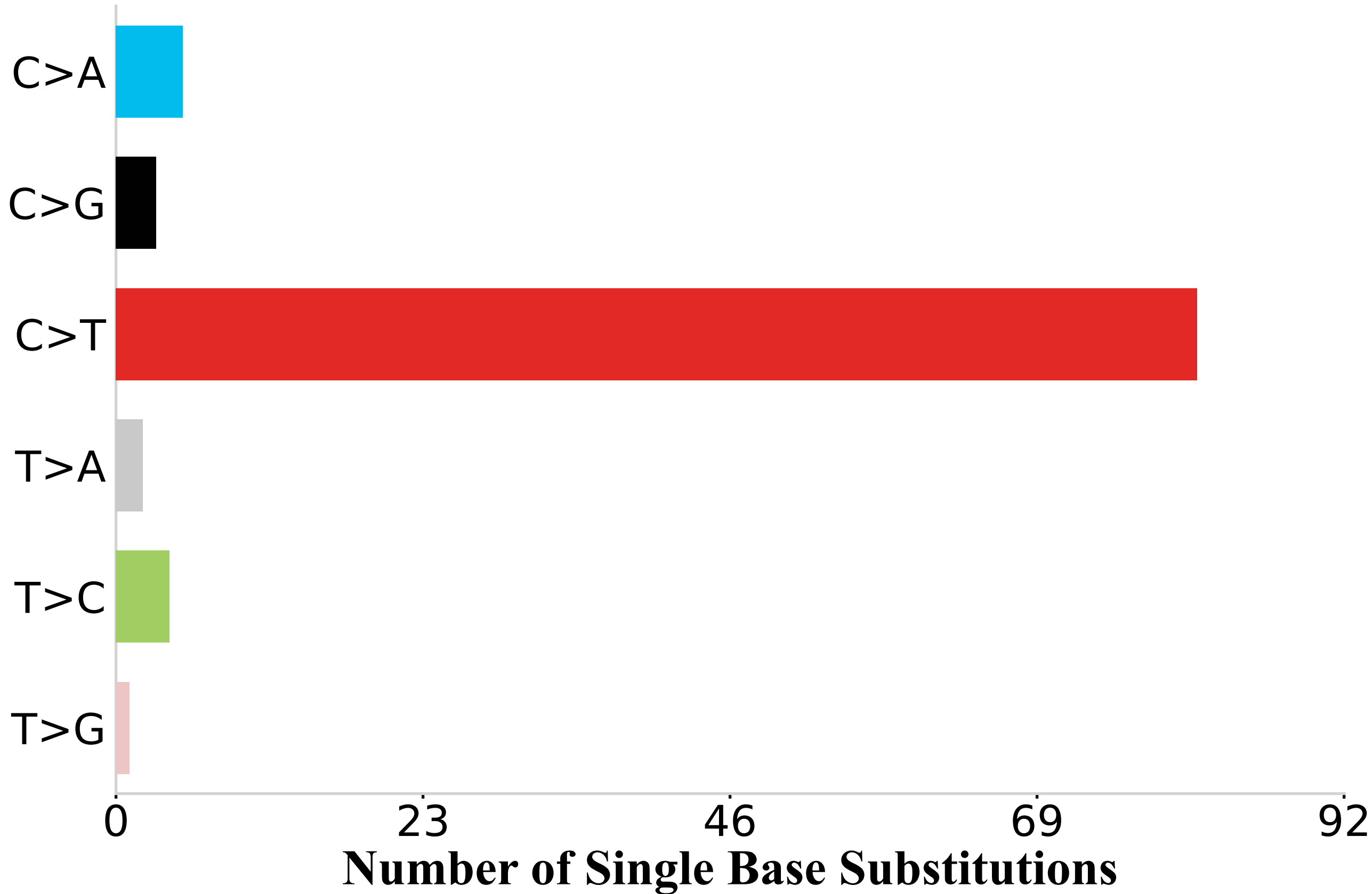
P-0042796-T02-IM6: 139 subs



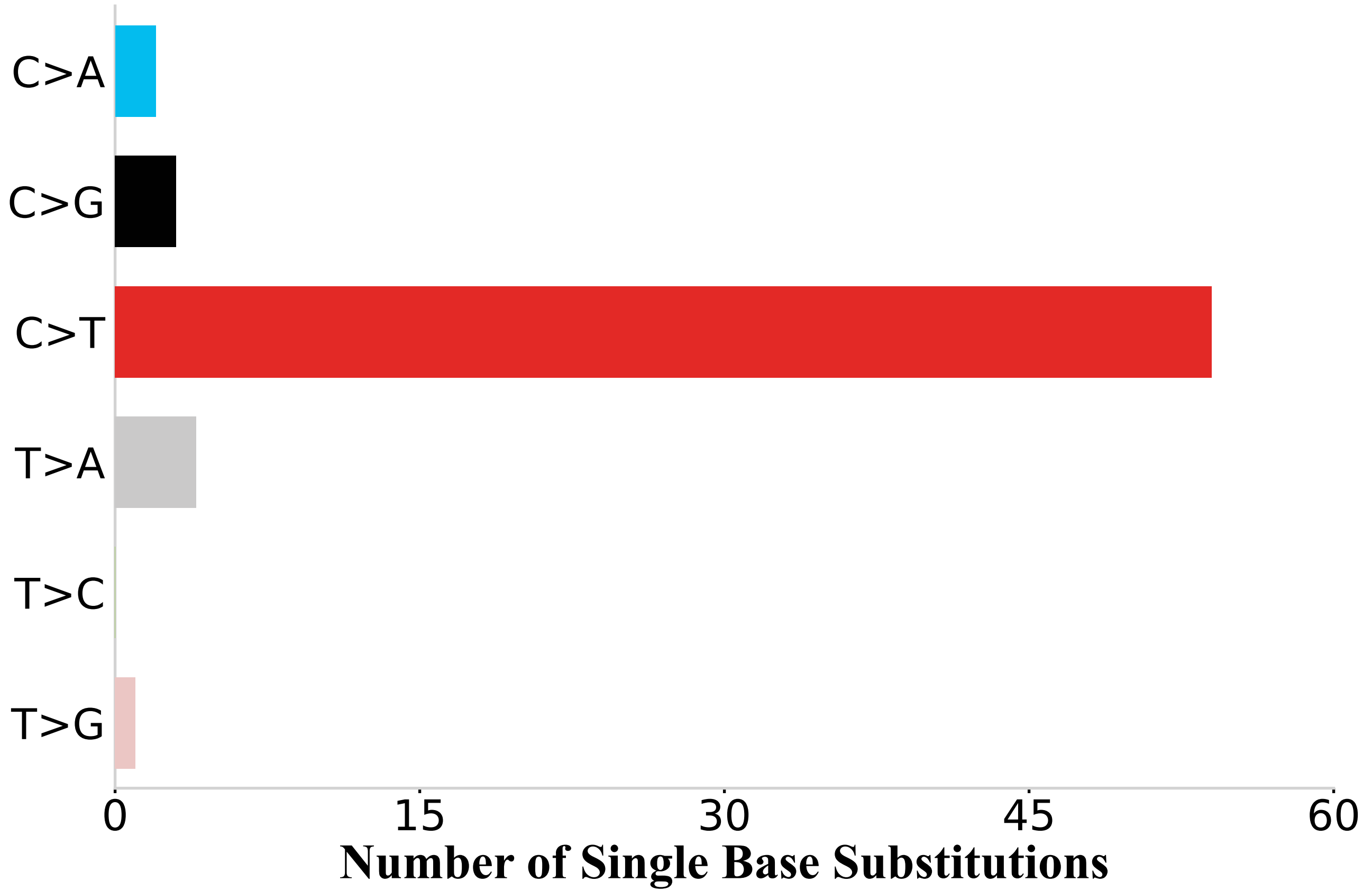
P-0043412-T01-IM6: 31 subs



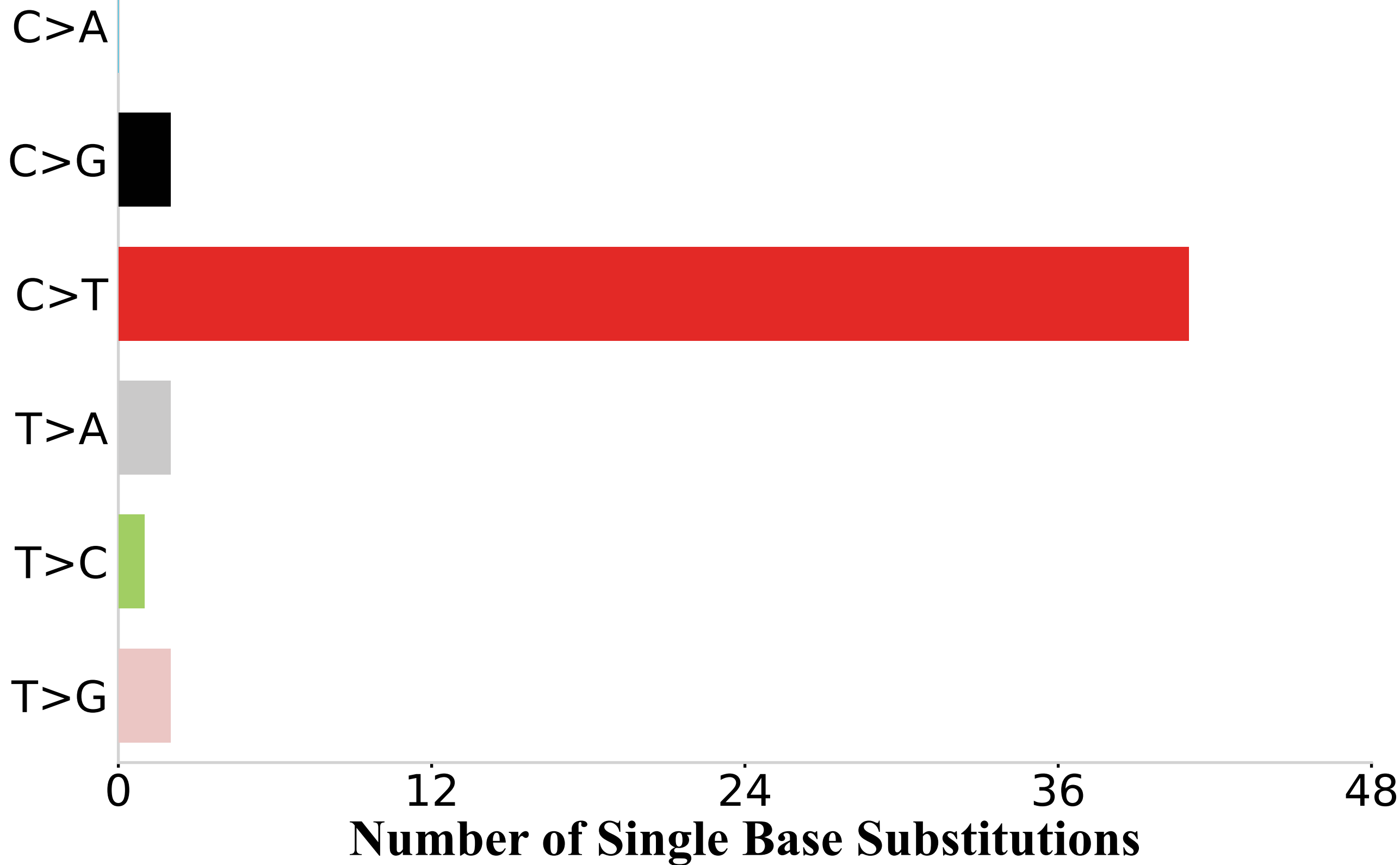
P-0045400-T01-IM6: 96 subs



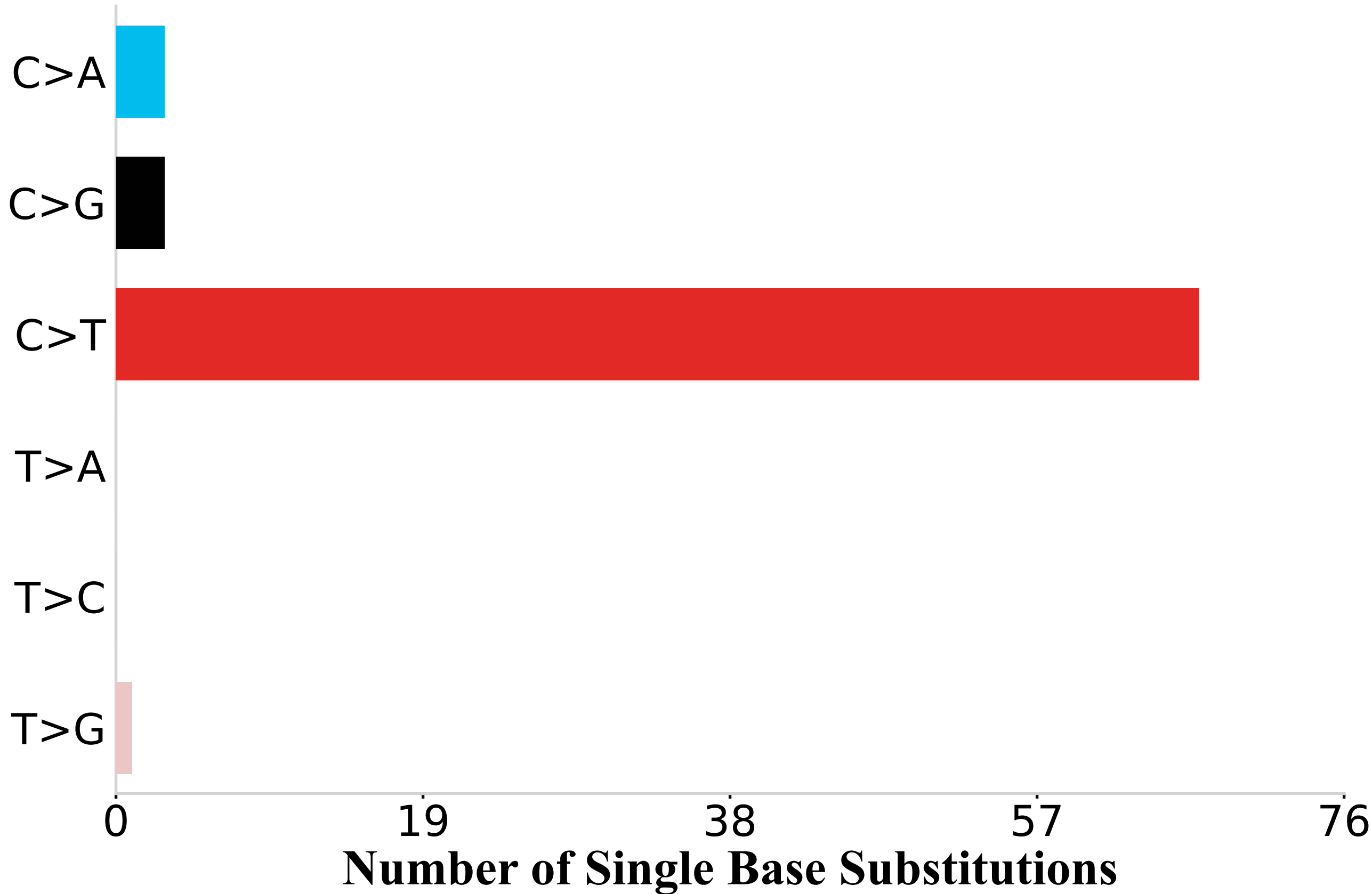
P-0045461-T01-IM6: 64 subs



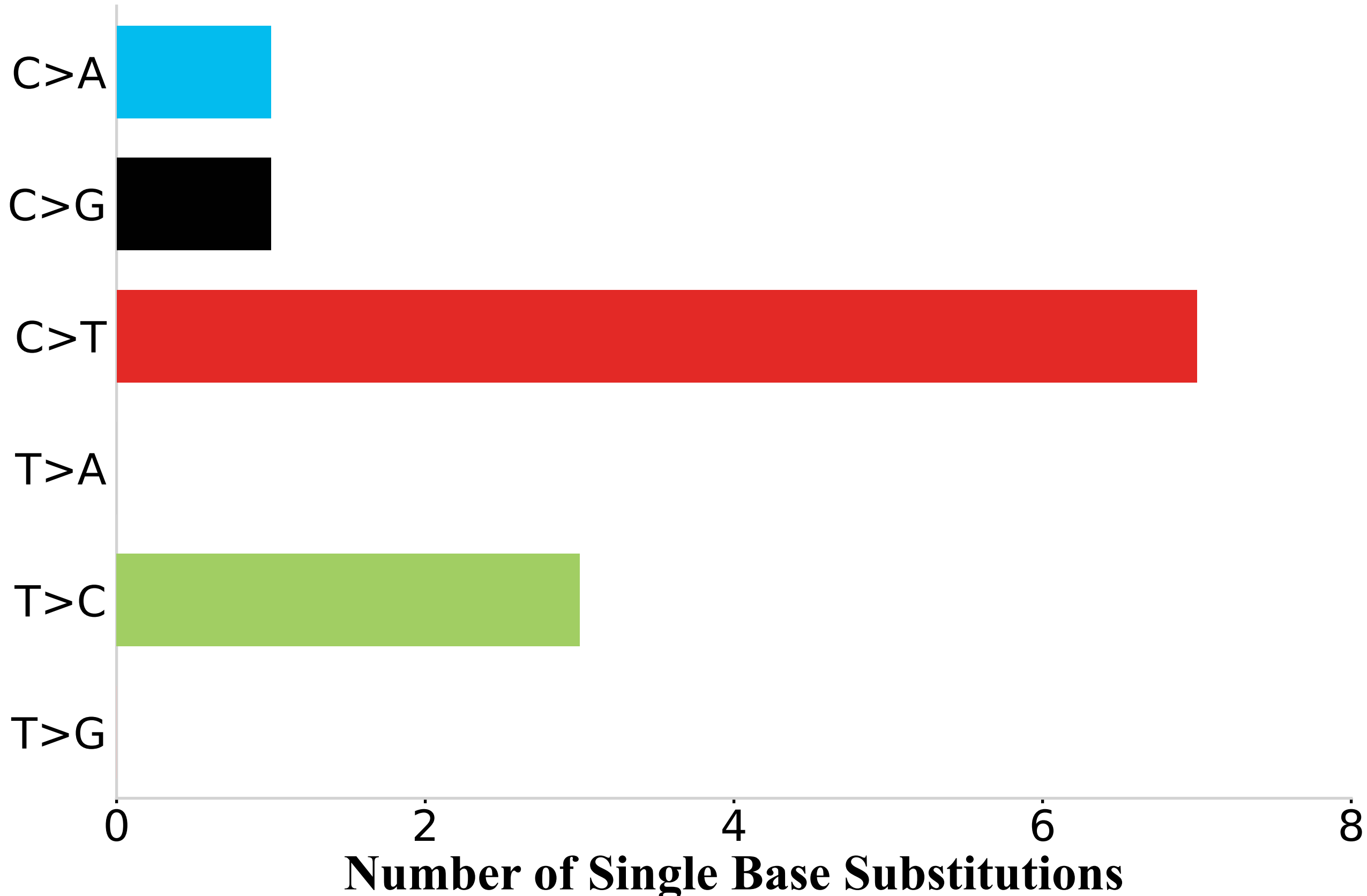
P-0045878-T01-IM6: 48 subs



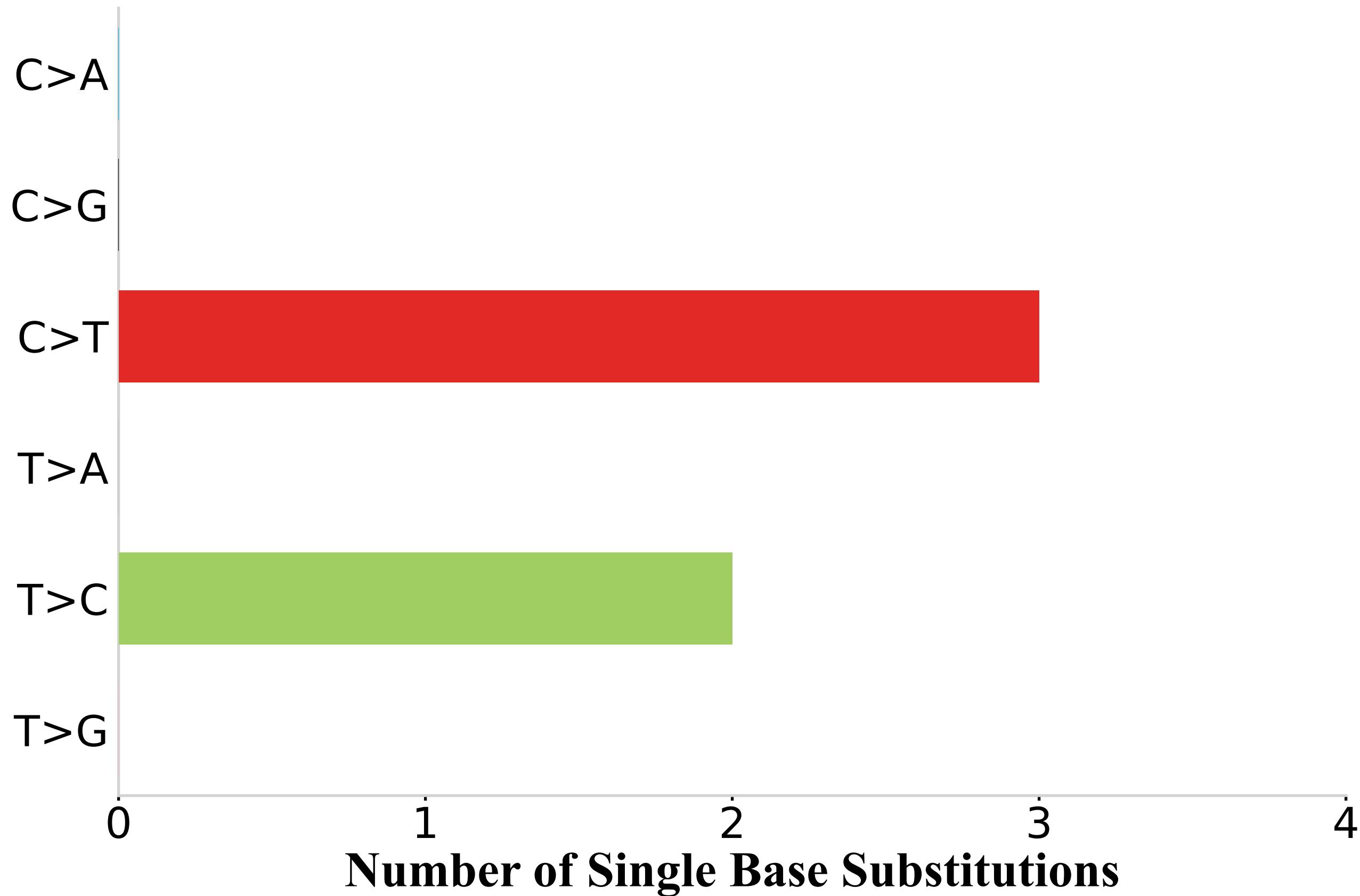
P-0046366-T01-IM6: 74 subs



P-0047652-T01-IM6: 12 subs



P-0047783-T01-IM6: 5 subs



P-0048862-T01-IM6: 7 subs

