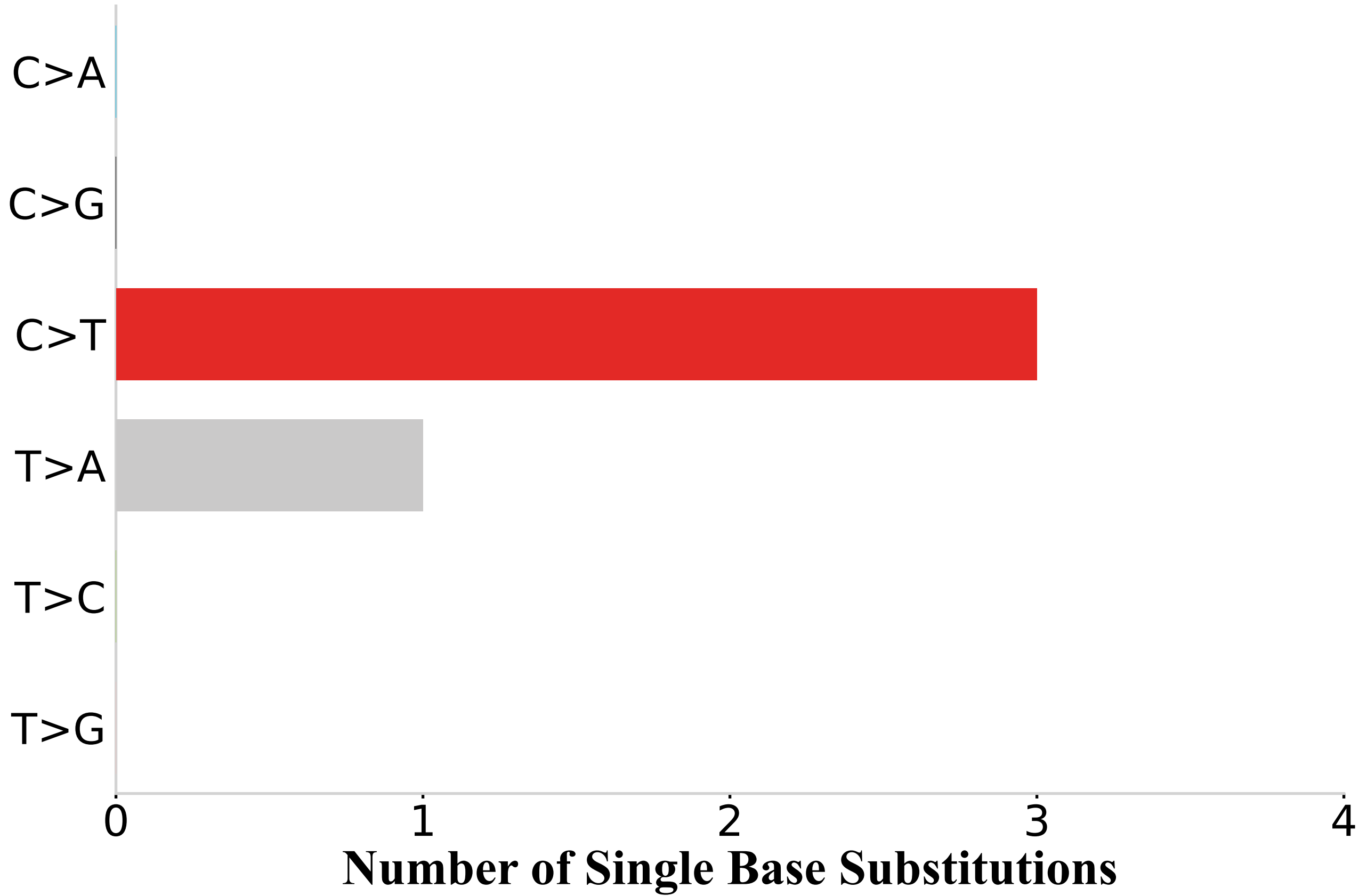
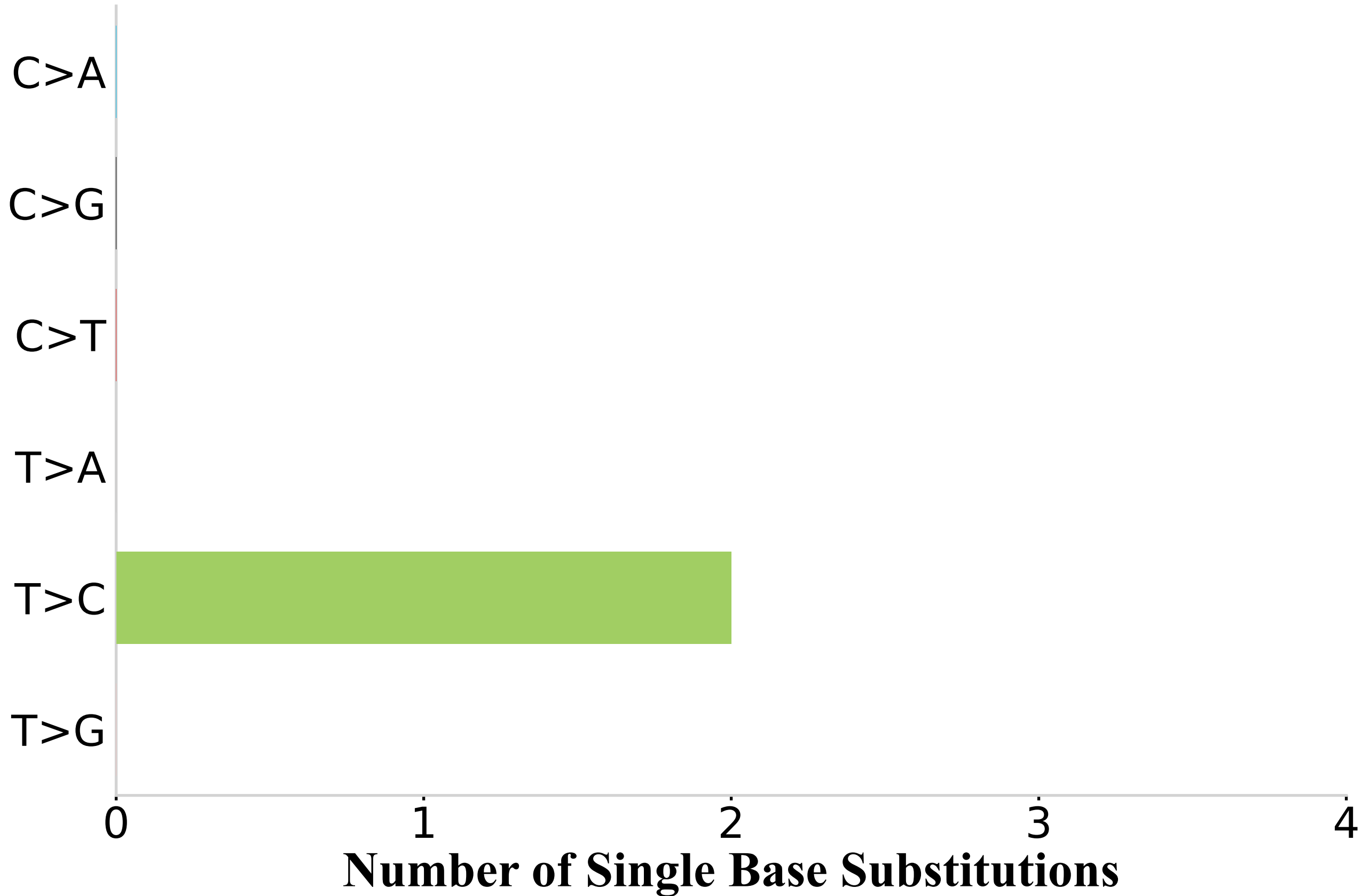


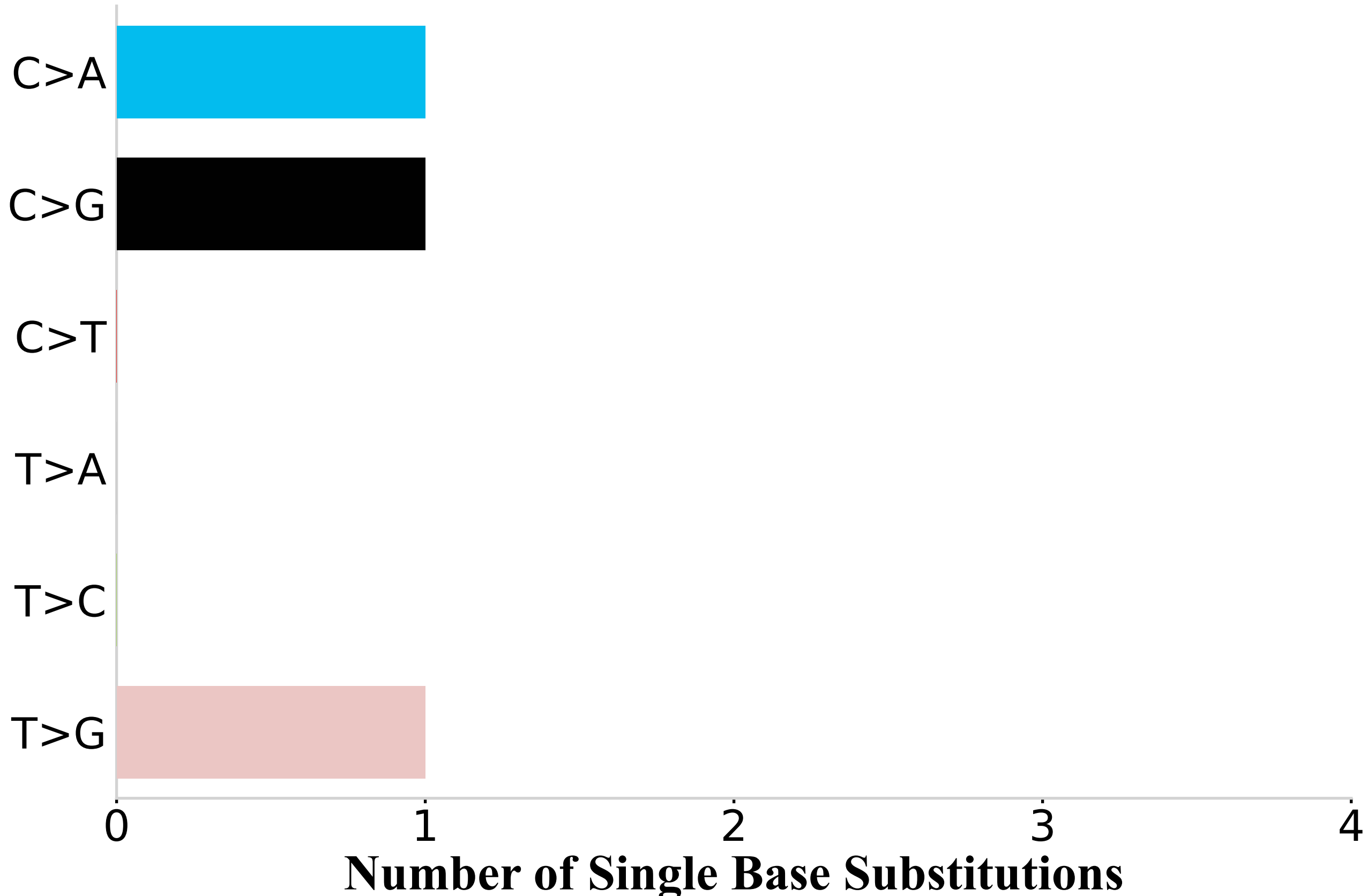
P-0000114-T01-IM3: 4 subs



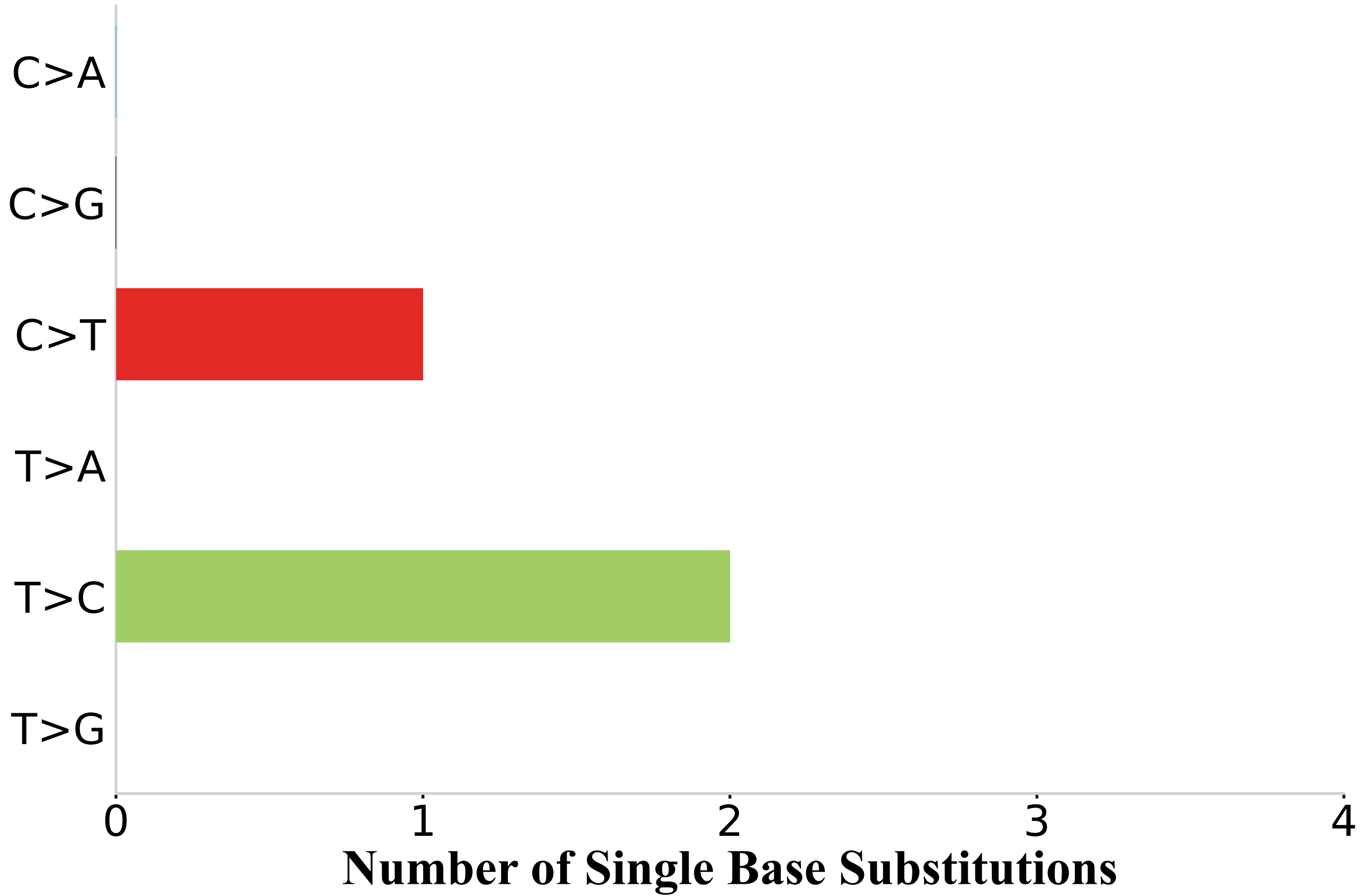
P-0000127-T02-IM3: 2 subs



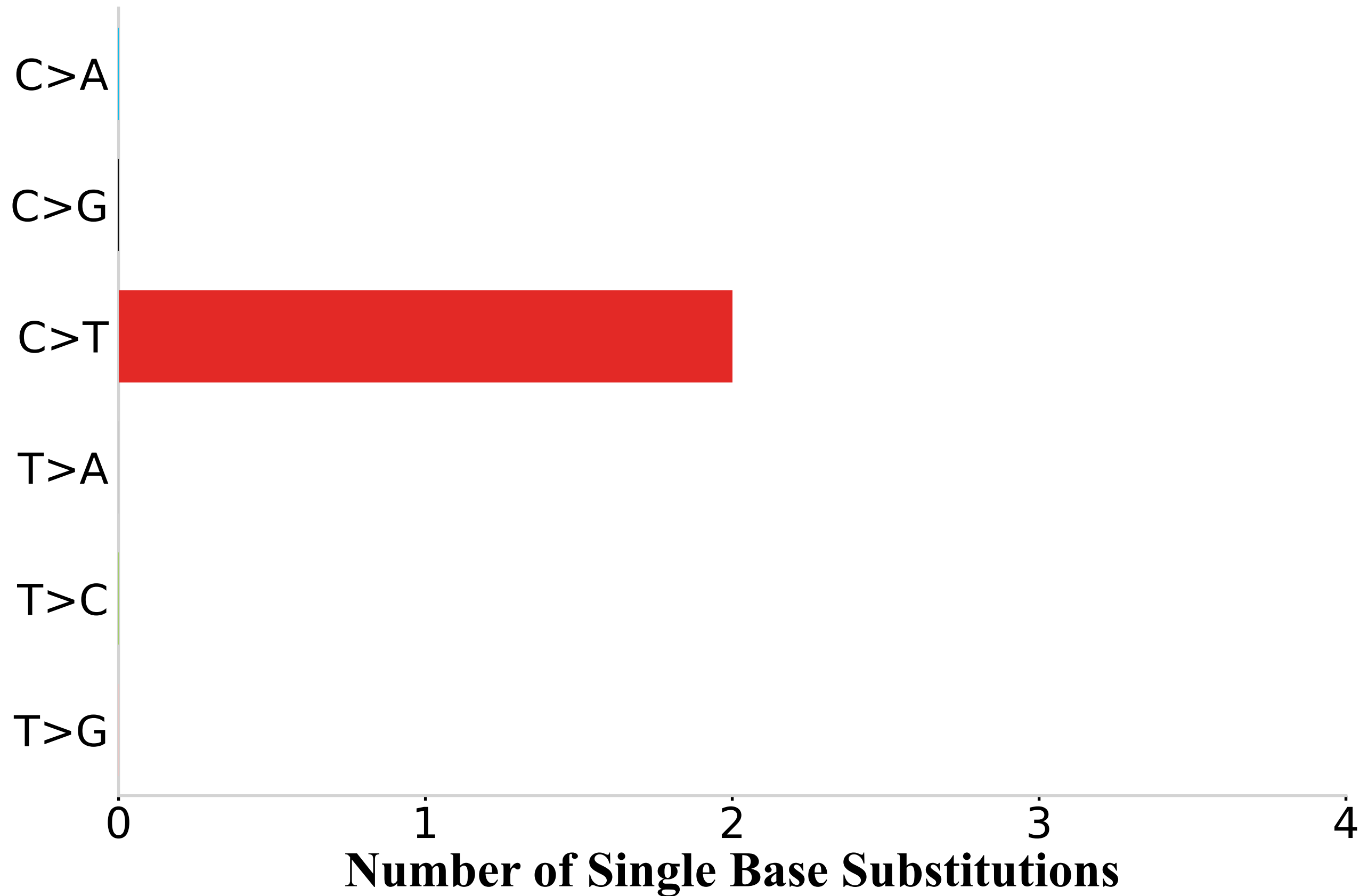
P-0000154-T01-IM3: 3 subs



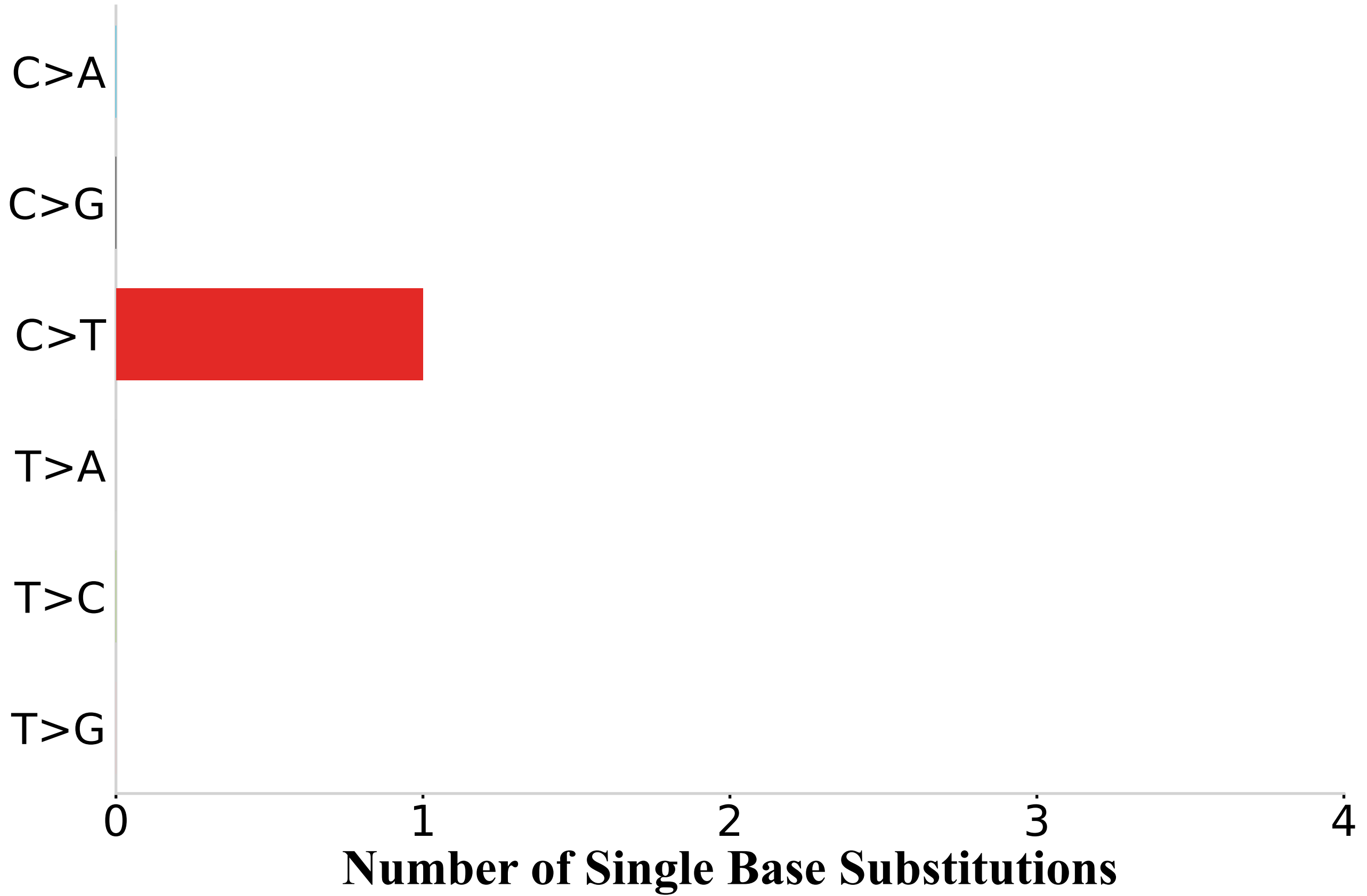
P-0000189-T01-IM3: 3 subs



P-0000192-T02-IM3: 2 subs



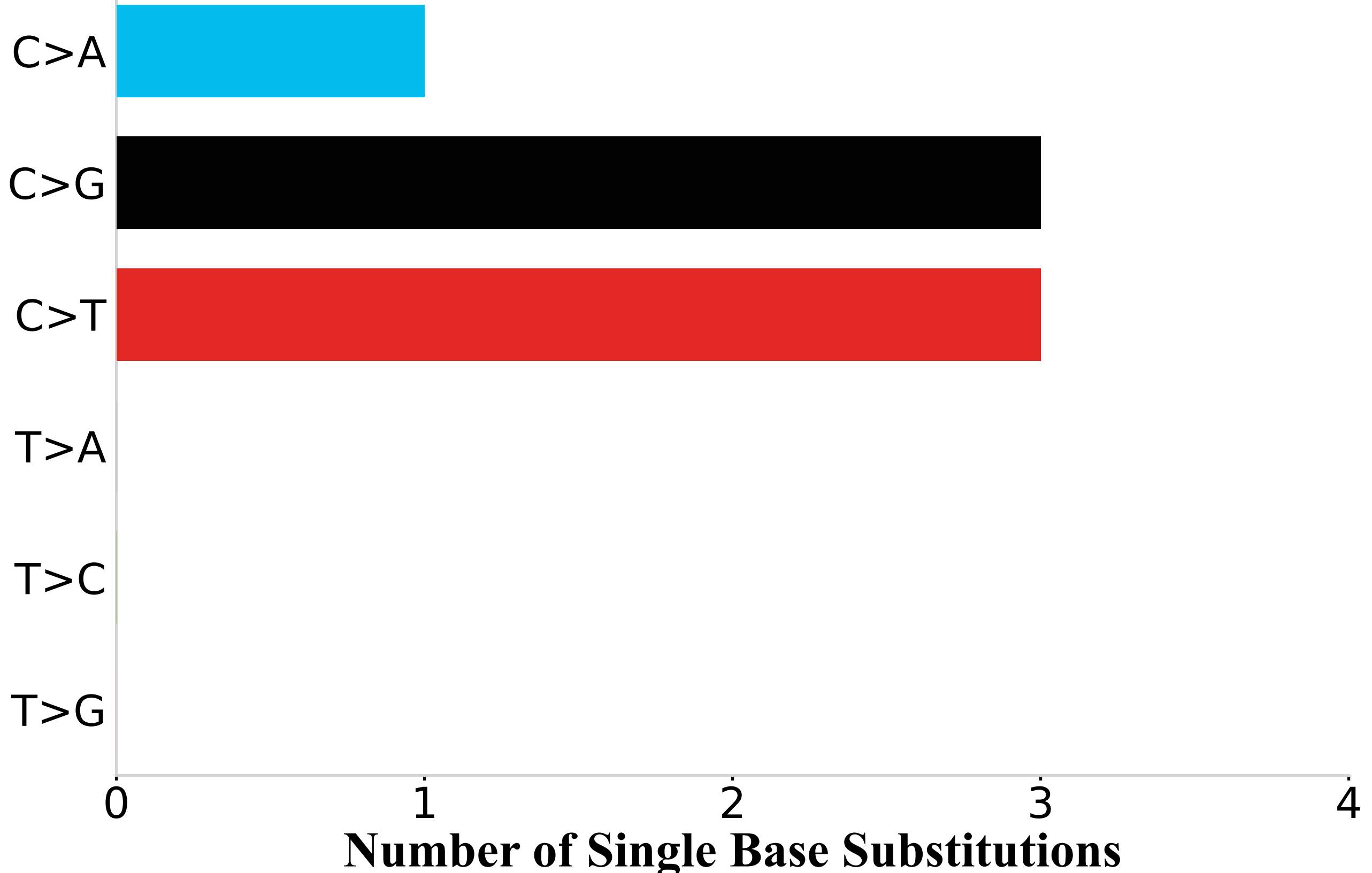
P-0000211-T01-IM3: 1 subs



P-0000238-T01-IM3: 1 subs



P-0000245-T01-IM3: 7 subs



P-0000298-T01-IM3: 0 subs

C>A

C>G

C>T

T>A

T>C

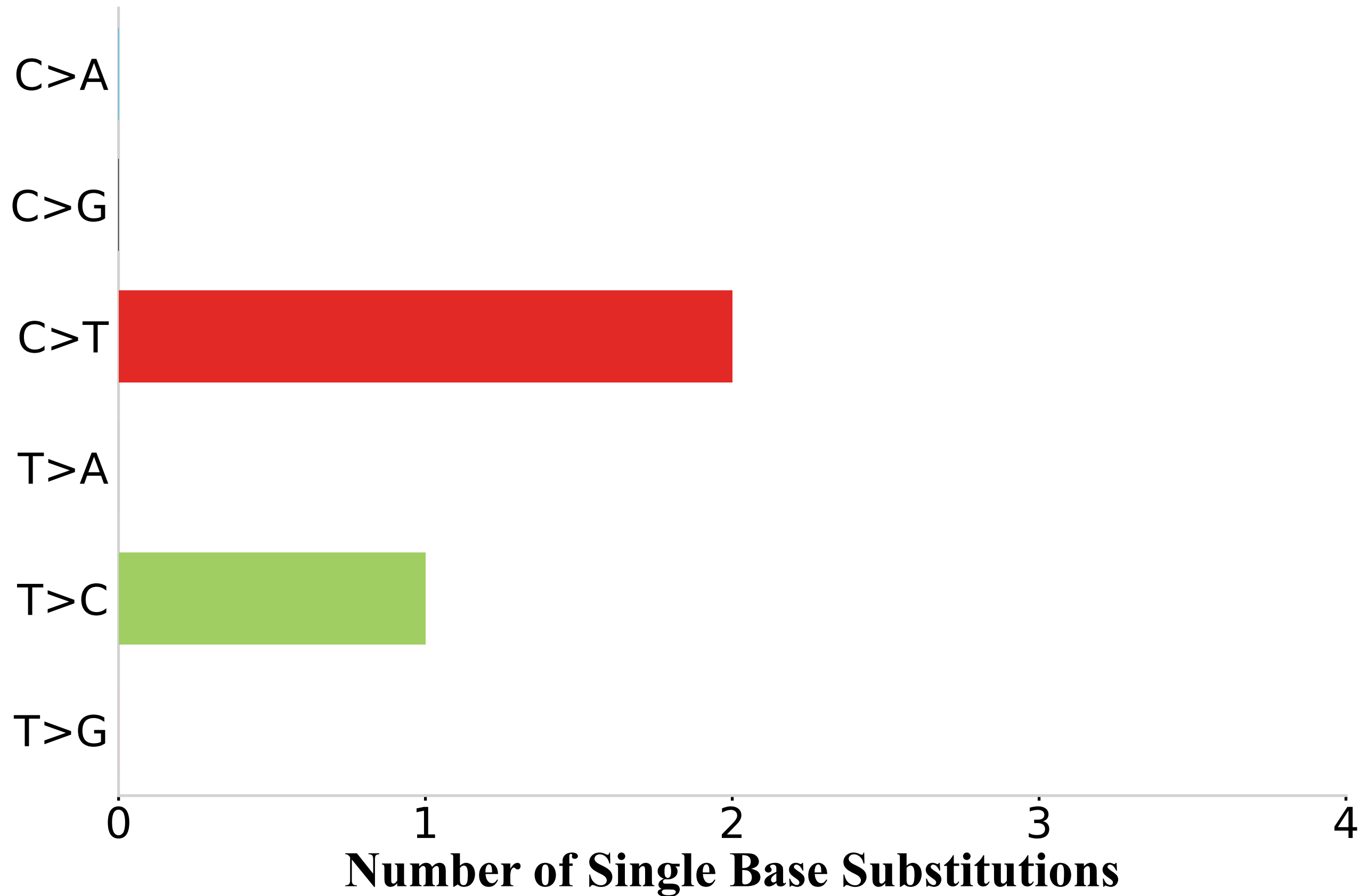
T>G

0

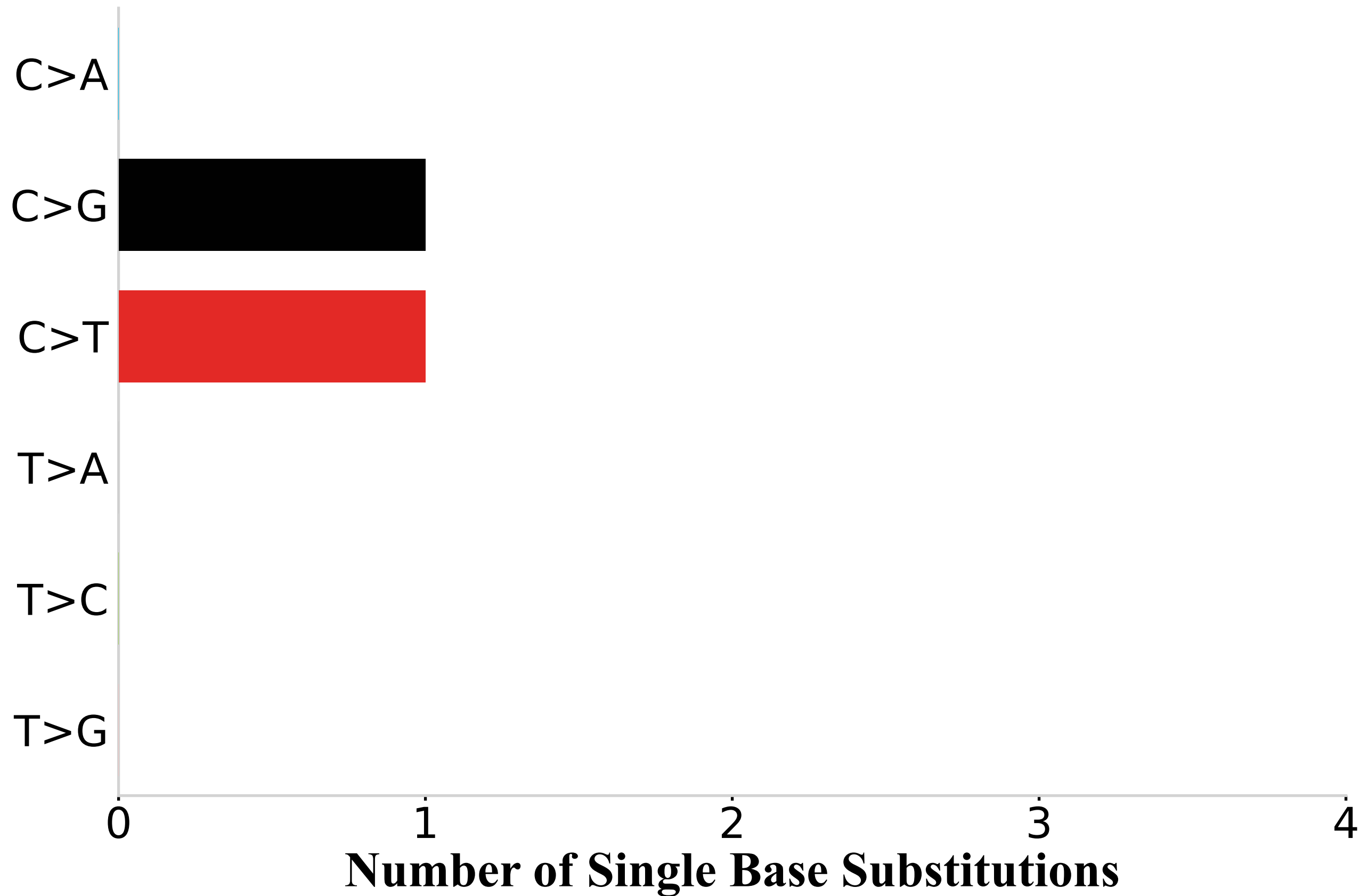
Number of Single Base Substitutions



P-0000327-T01-IM3: 3 subs



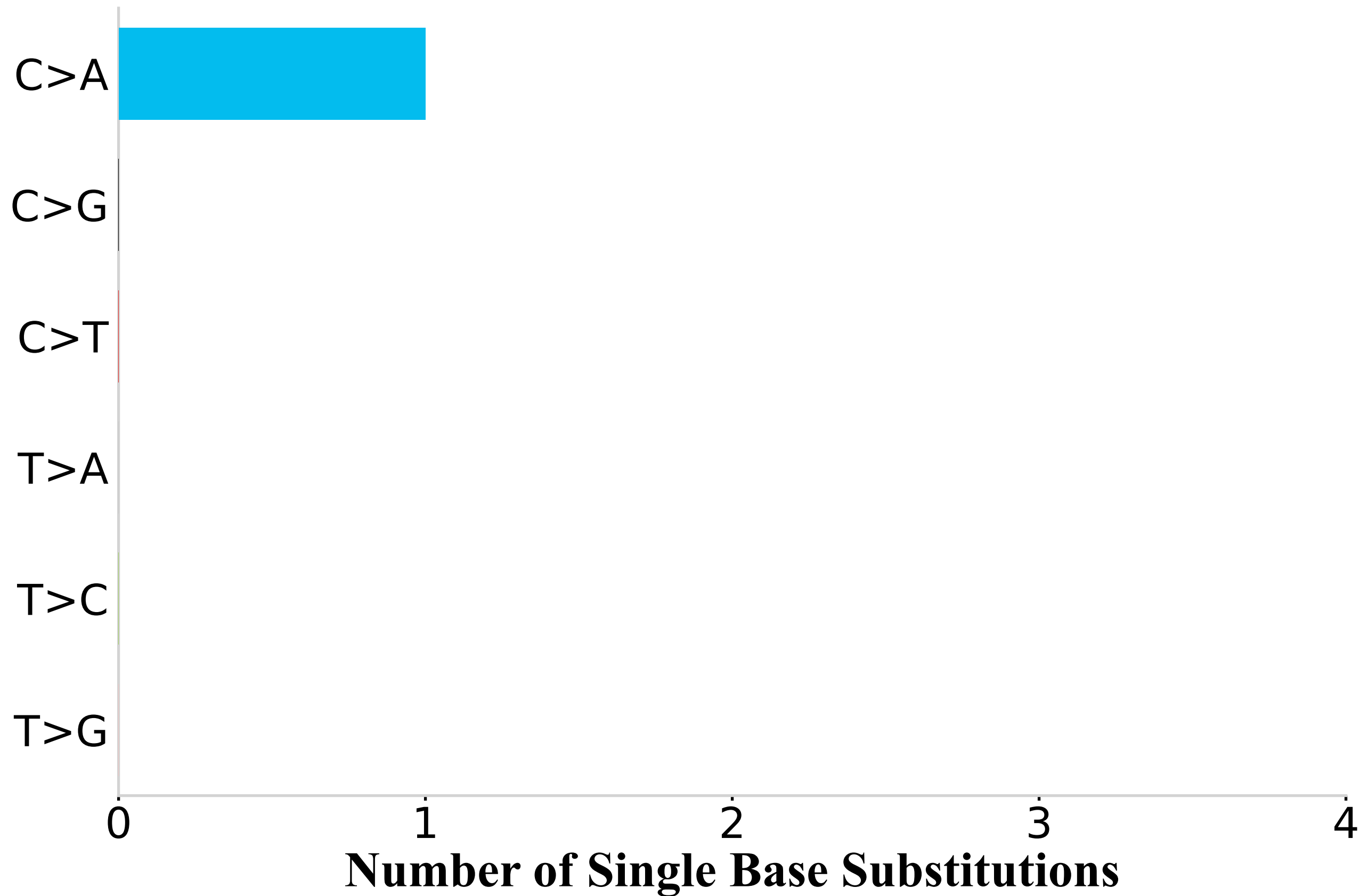
P-0000328-T01-IM3: 2 subs



P-0000360-T01-IM3: 1 subs



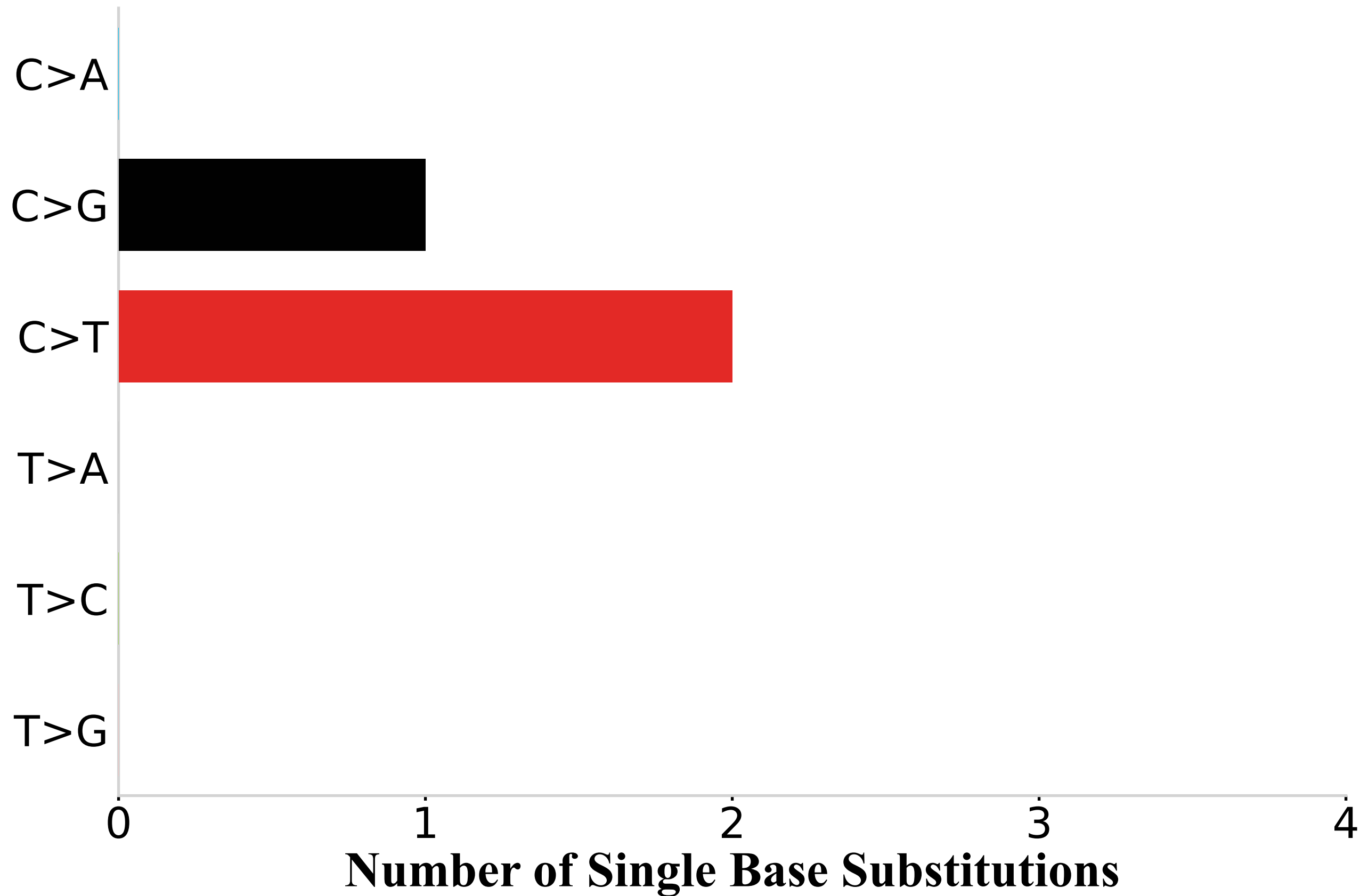
P-0000362-T01-IM3: 1 subs



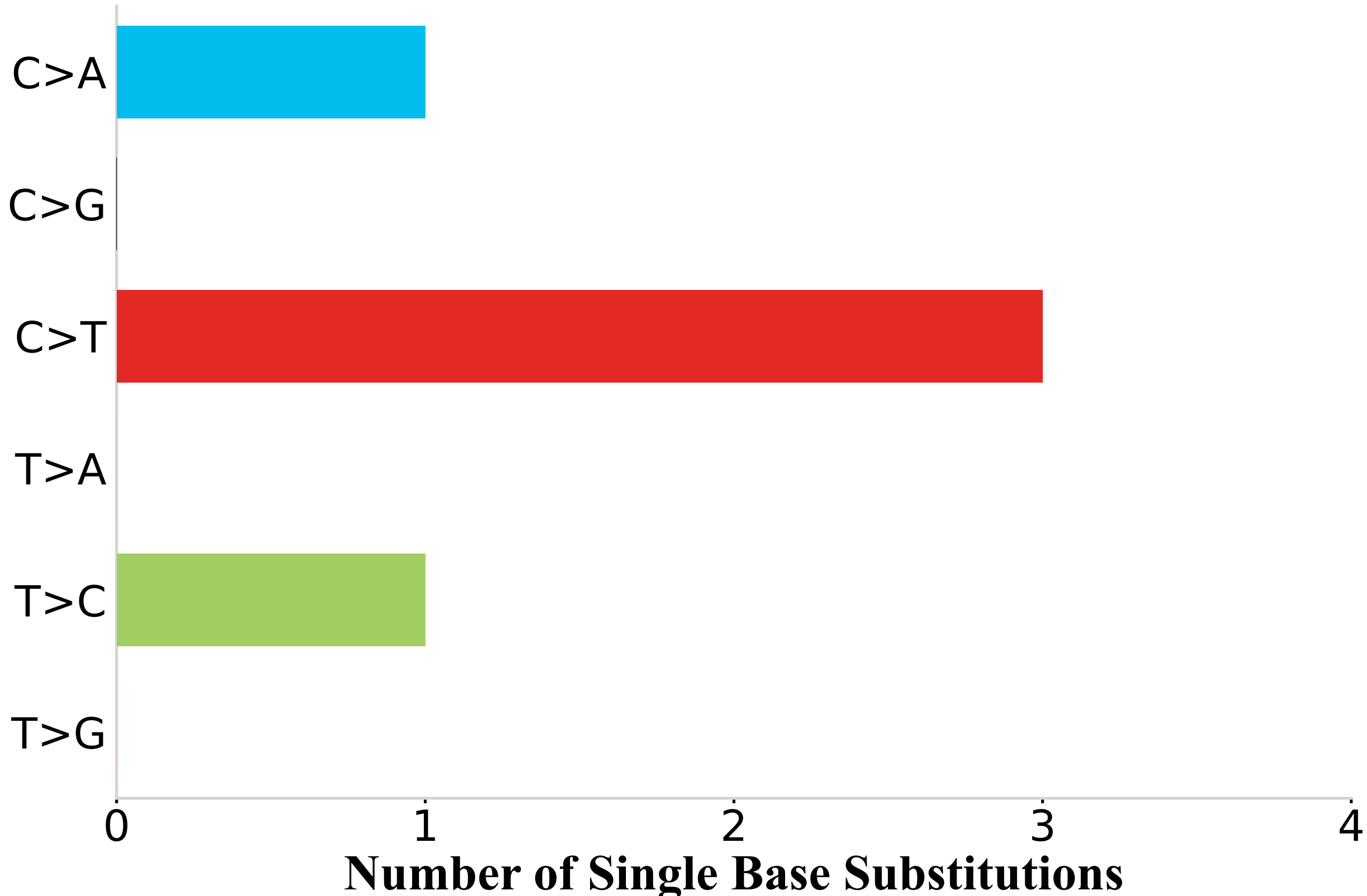
P-0000402-T01-IM3: 1 subs



P-0000599-T01-IM3: 3 subs



P-0000637-T01-IM3: 5 subs



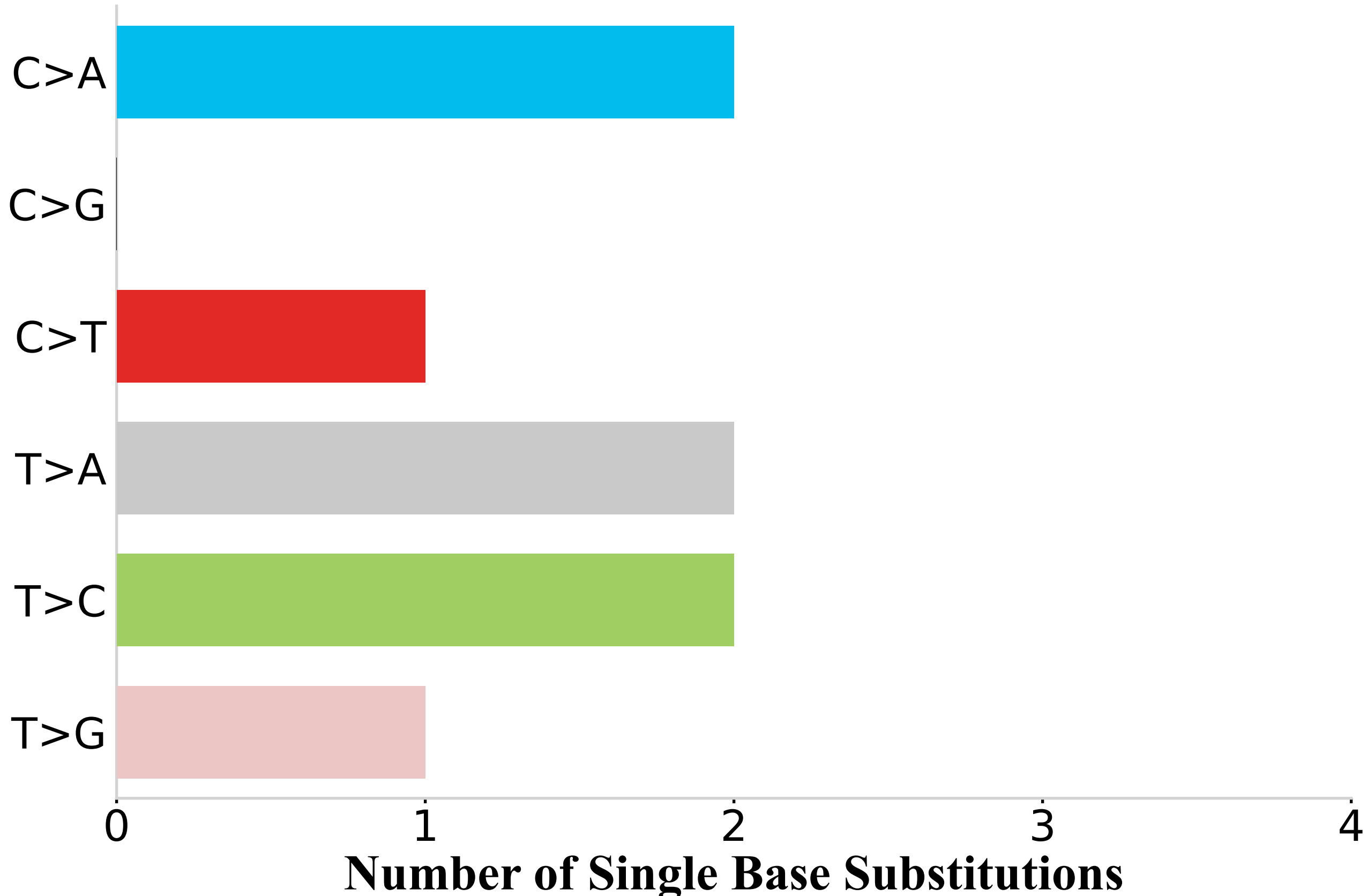
P-0000643-T01-IM3: 1 subs



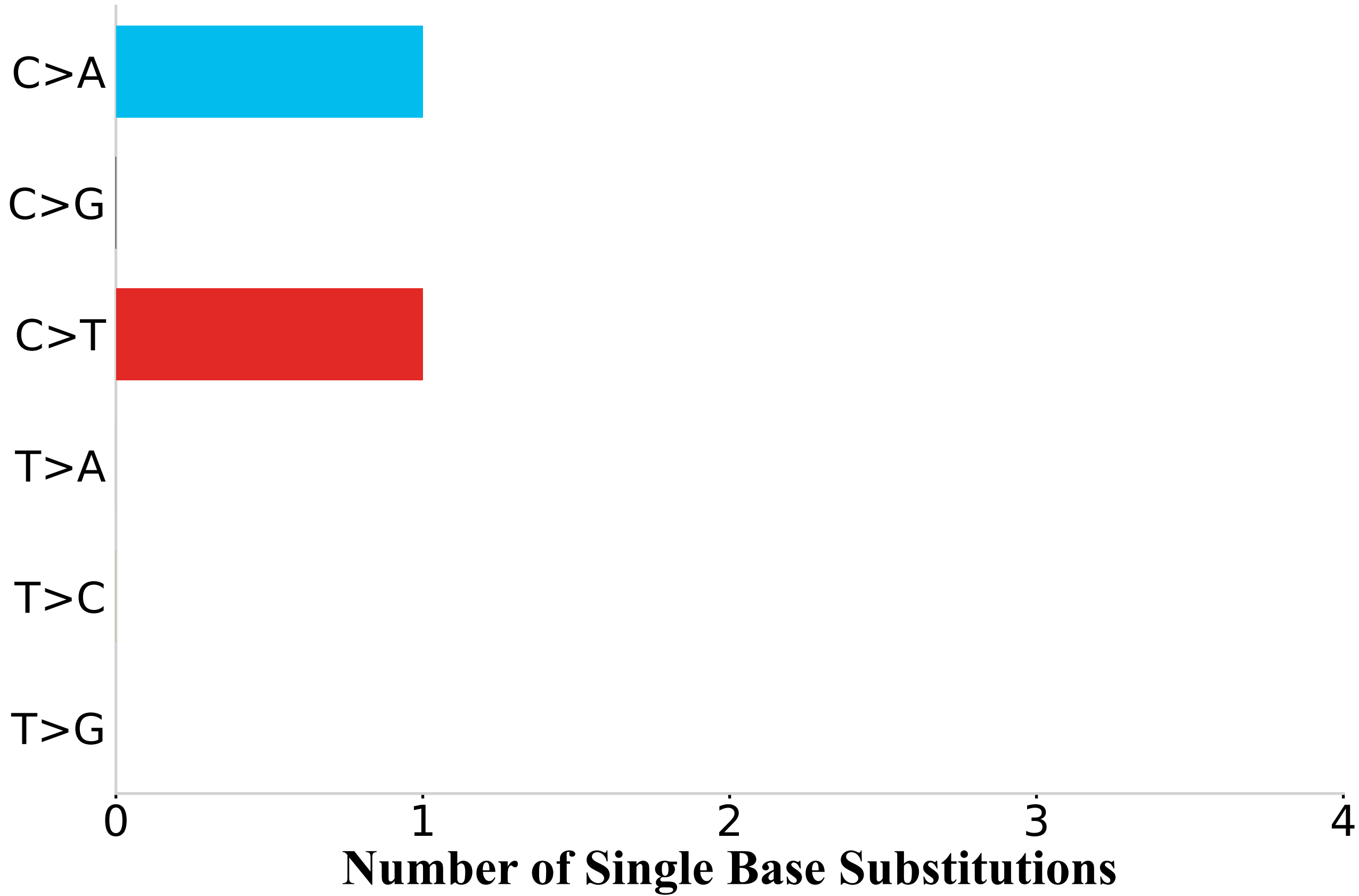
P-0000644-T01-IM3: 1 subs



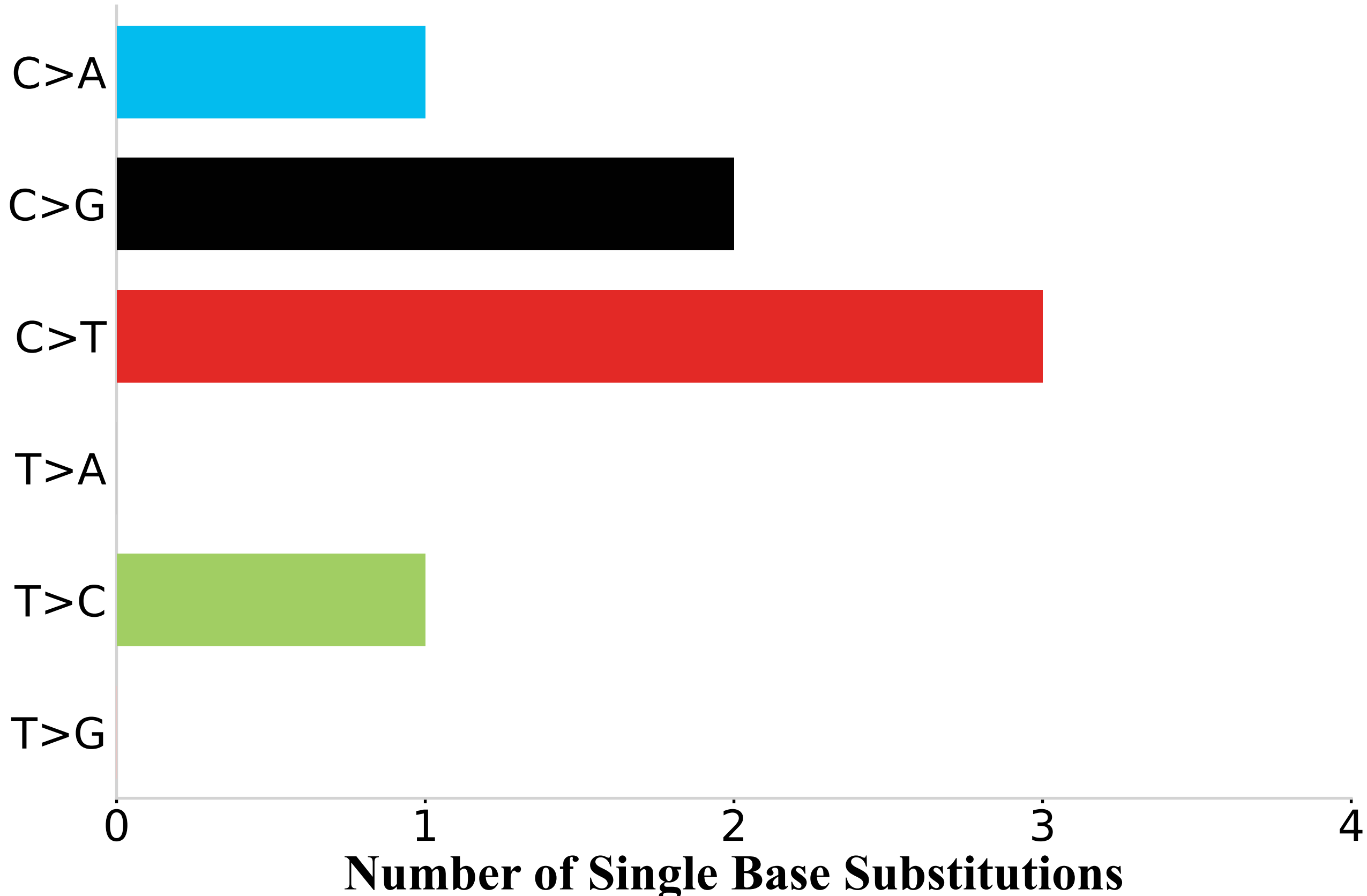
P-0000713-T02-IM6: 8 subs



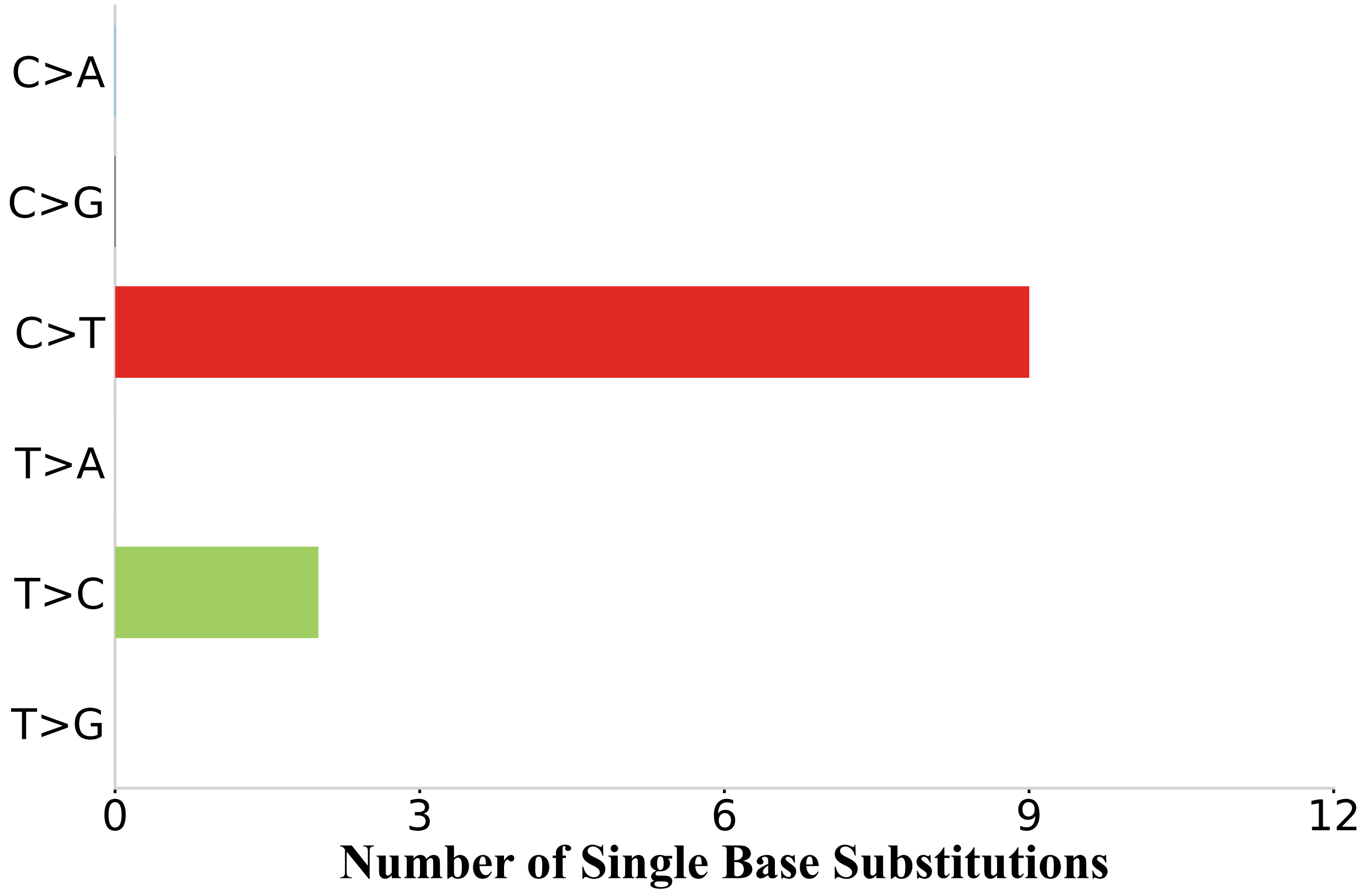
P-0000766-T01-IM3: 2 subs



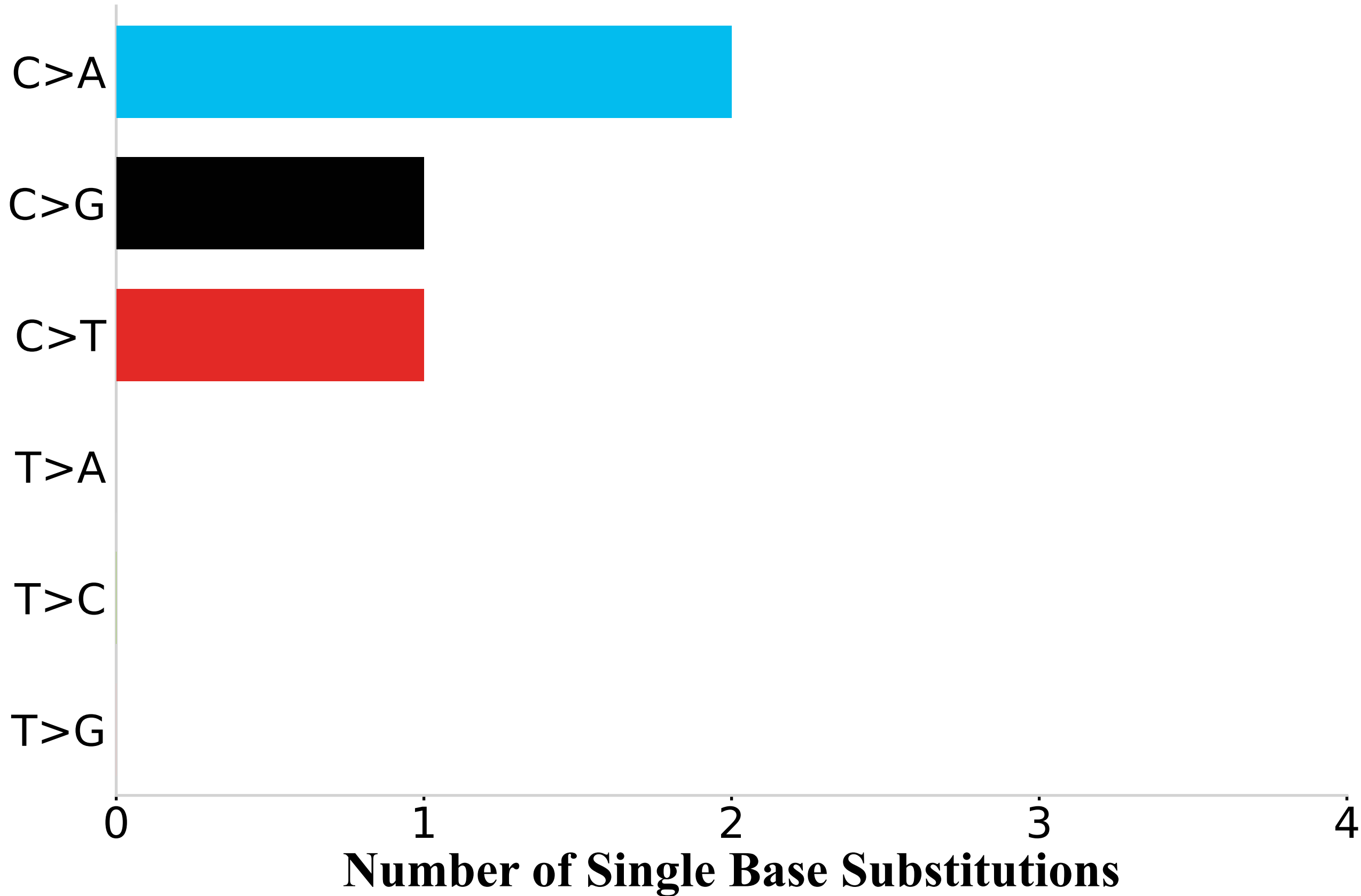
P-0001001-T01-IM3: 7 subs



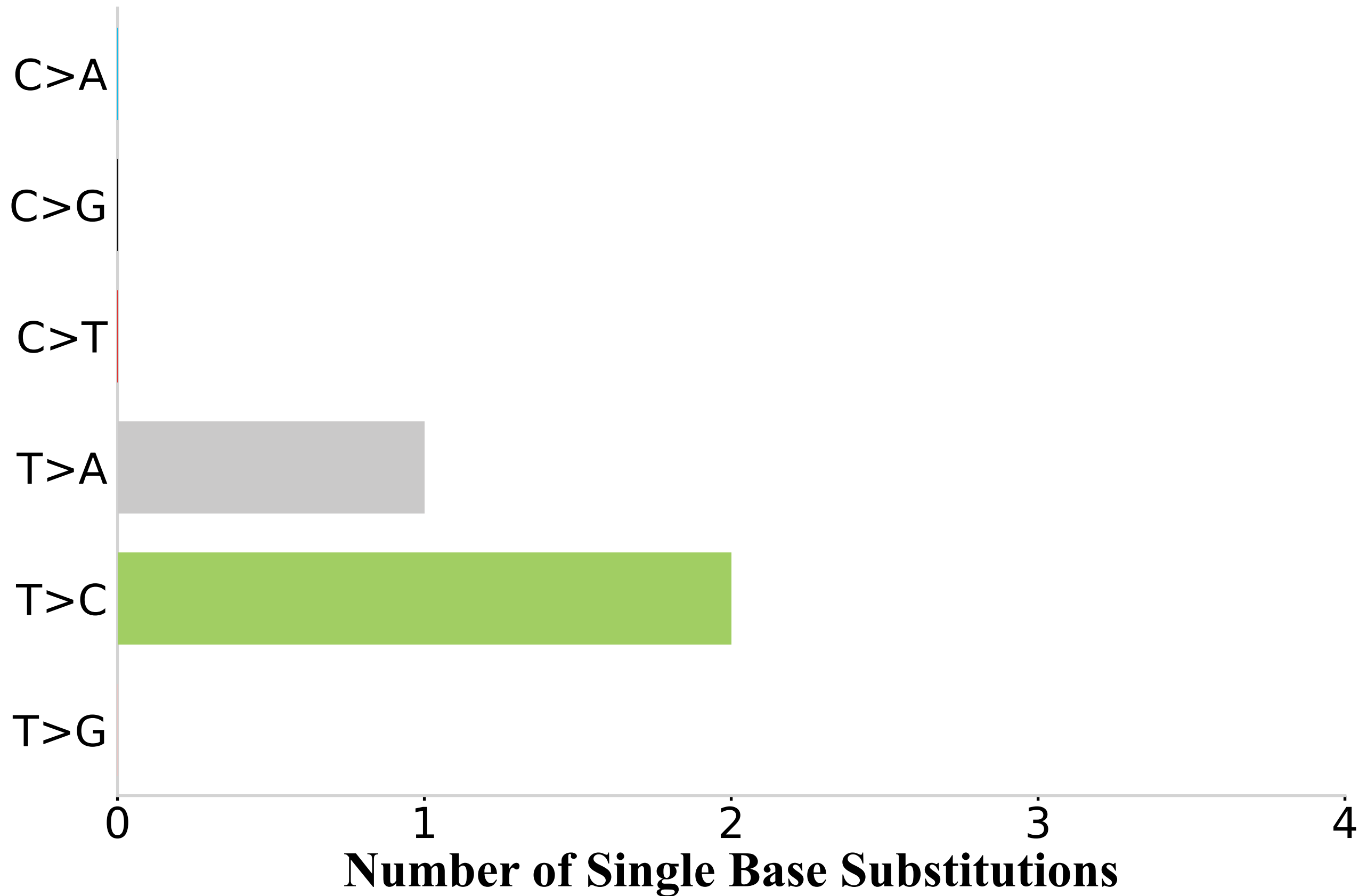
P-0001185-T01-IM3: 11 subs



P-0001292-T01-IM3: 4 subs



P-0001359-T01-IM3: 3 subs



P-0001496-T01-IM3: 2 subs



P-0001539-T01-IM3: 3 subs

C>A

C>G

C>T

T>A

T>C

T>G

0

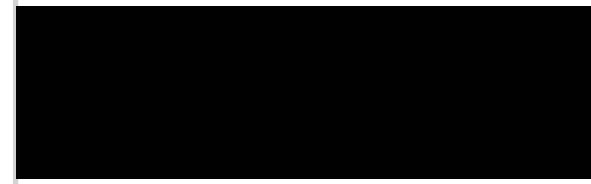
1

2

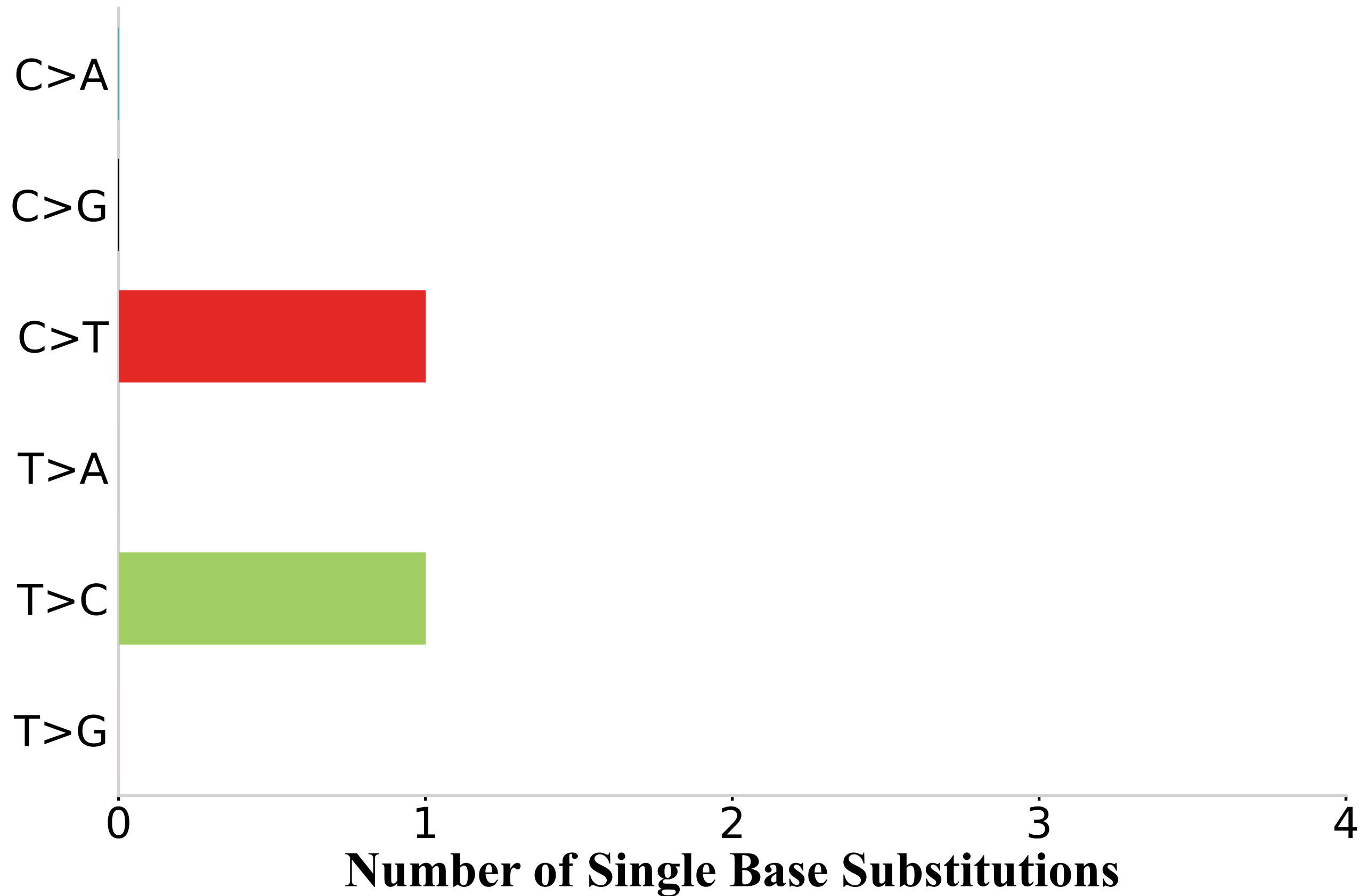
3

4

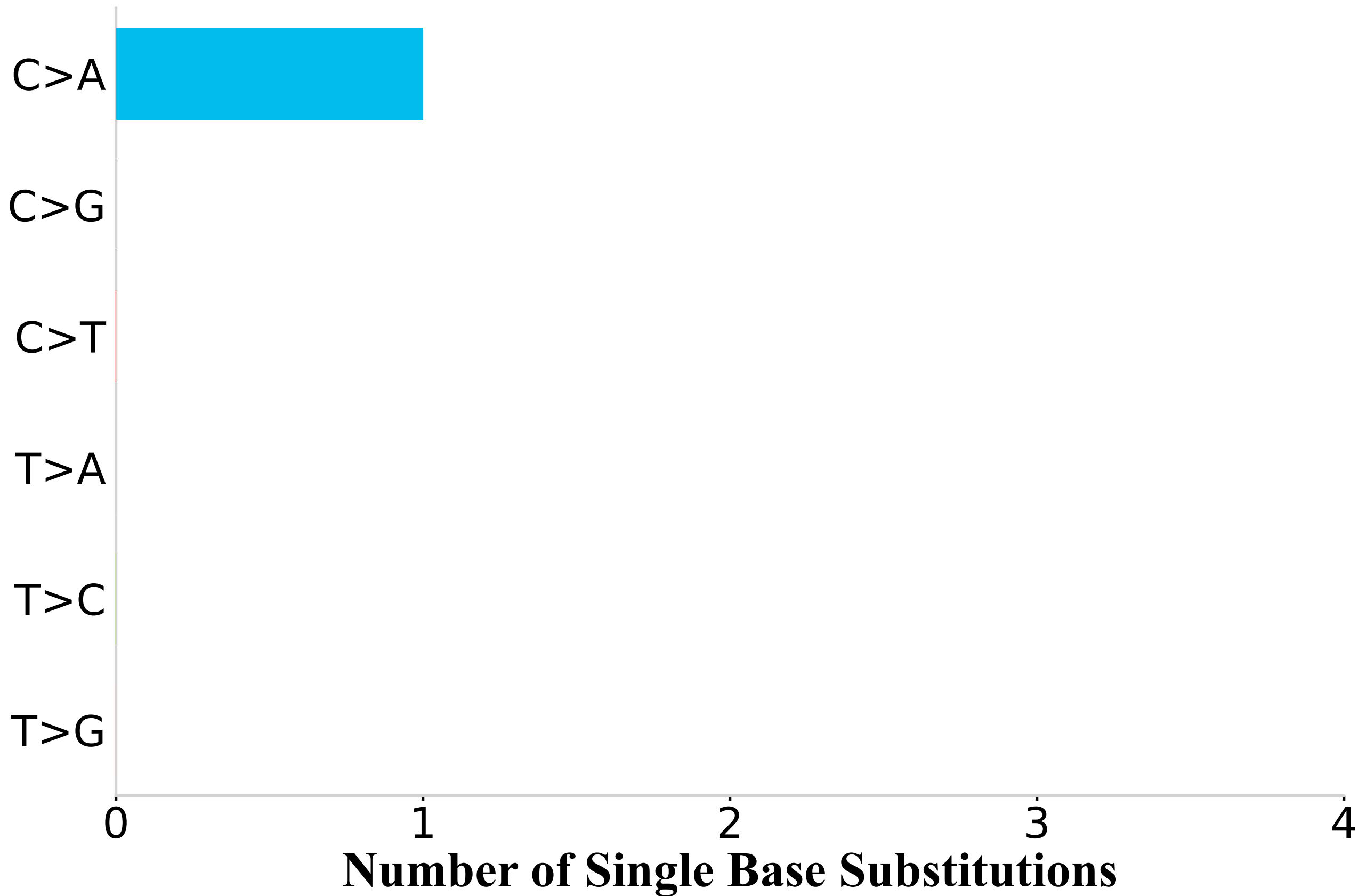
Number of Single Base Substitutions



P-0001638-T01-IM3: 2 subs



P-0001824-T01-IM3: 1 subs



P-0001858-T01-IM3: 0 subs

C>A

C>G

C>T

T>A

T>C

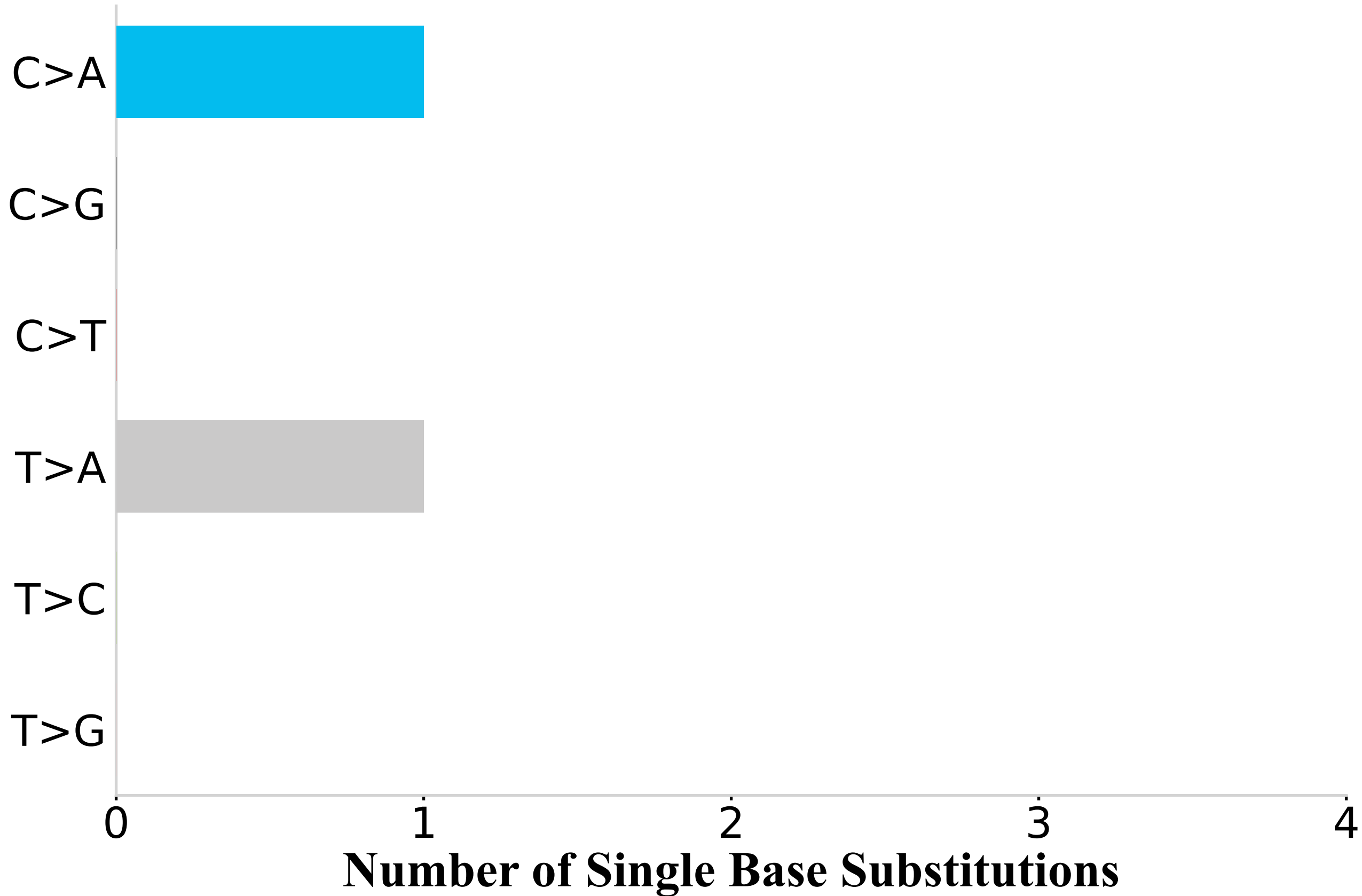
T>G

0

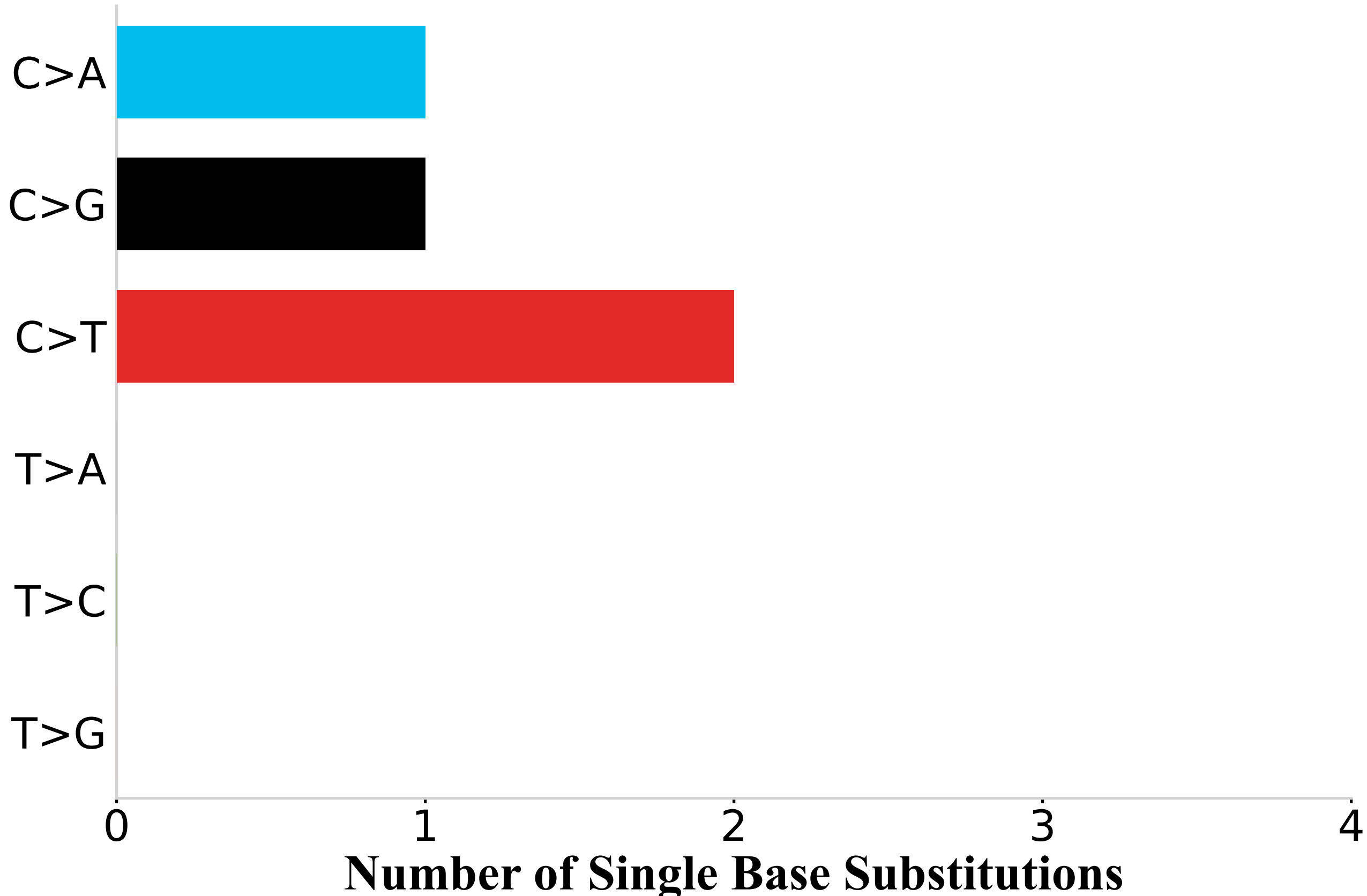
Number of Single Base Substitutions



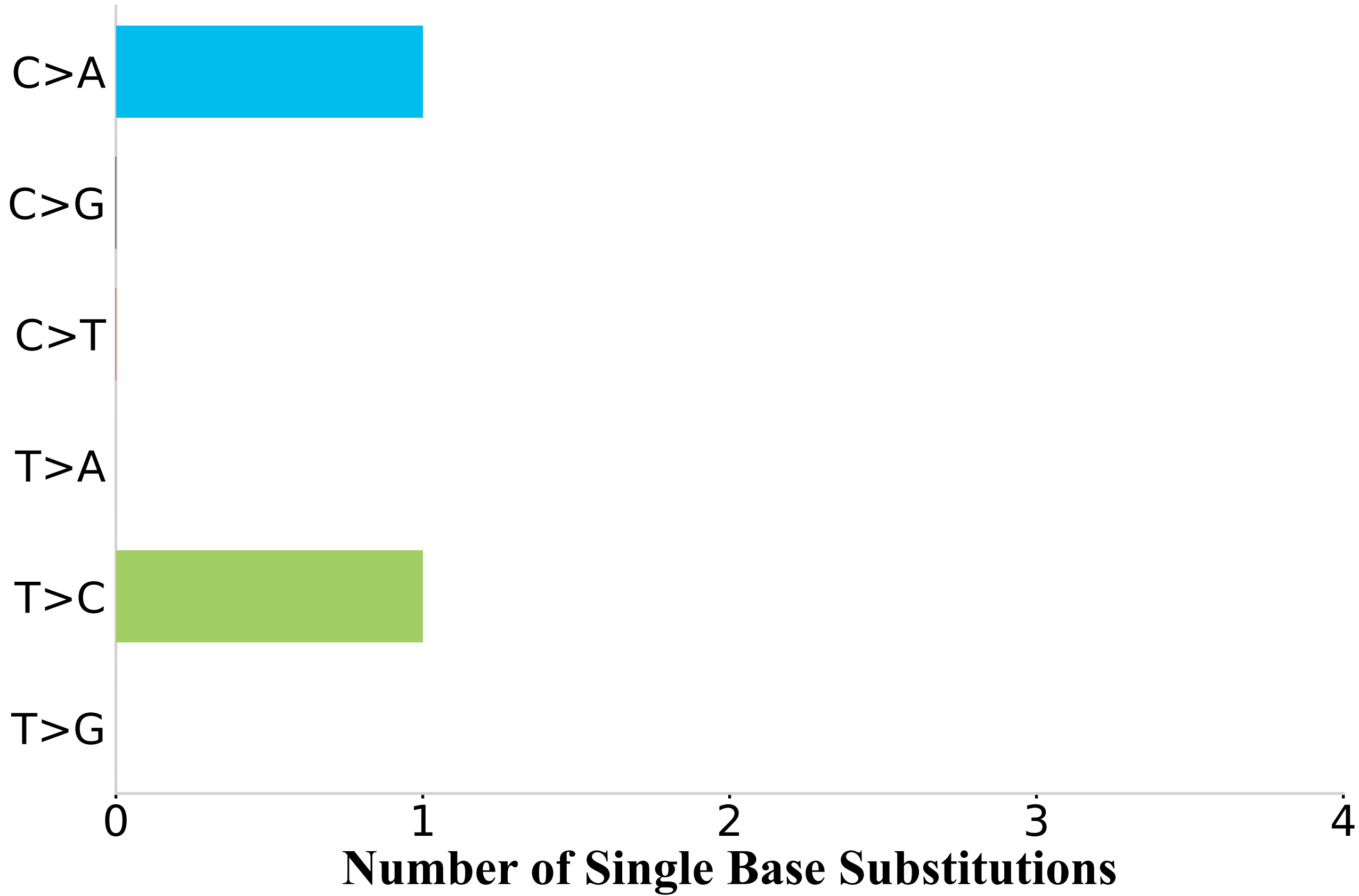
P-0001933-T01-IM3: 2 subs



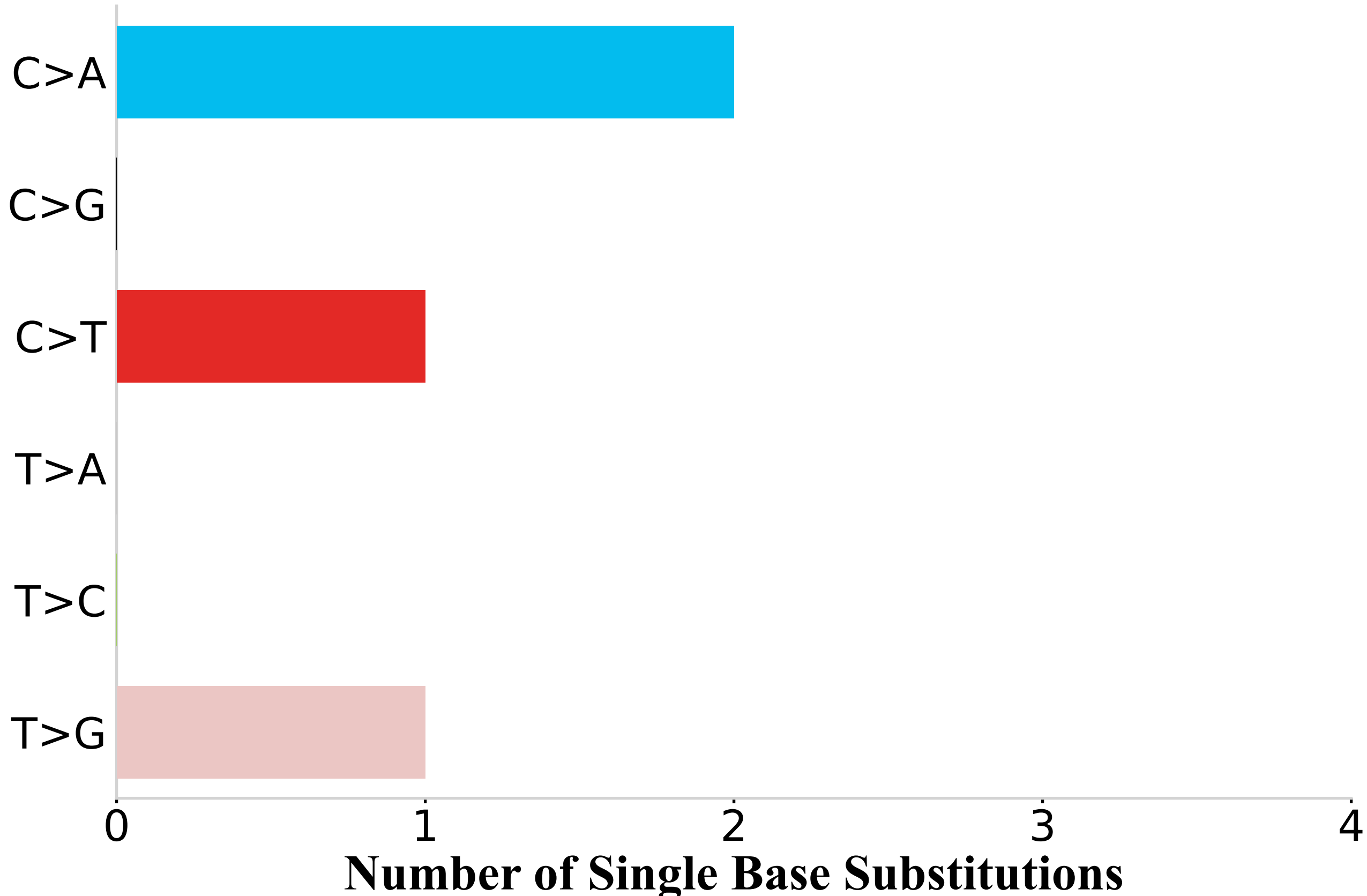
P-0002064-T01-IM3: 4 subs



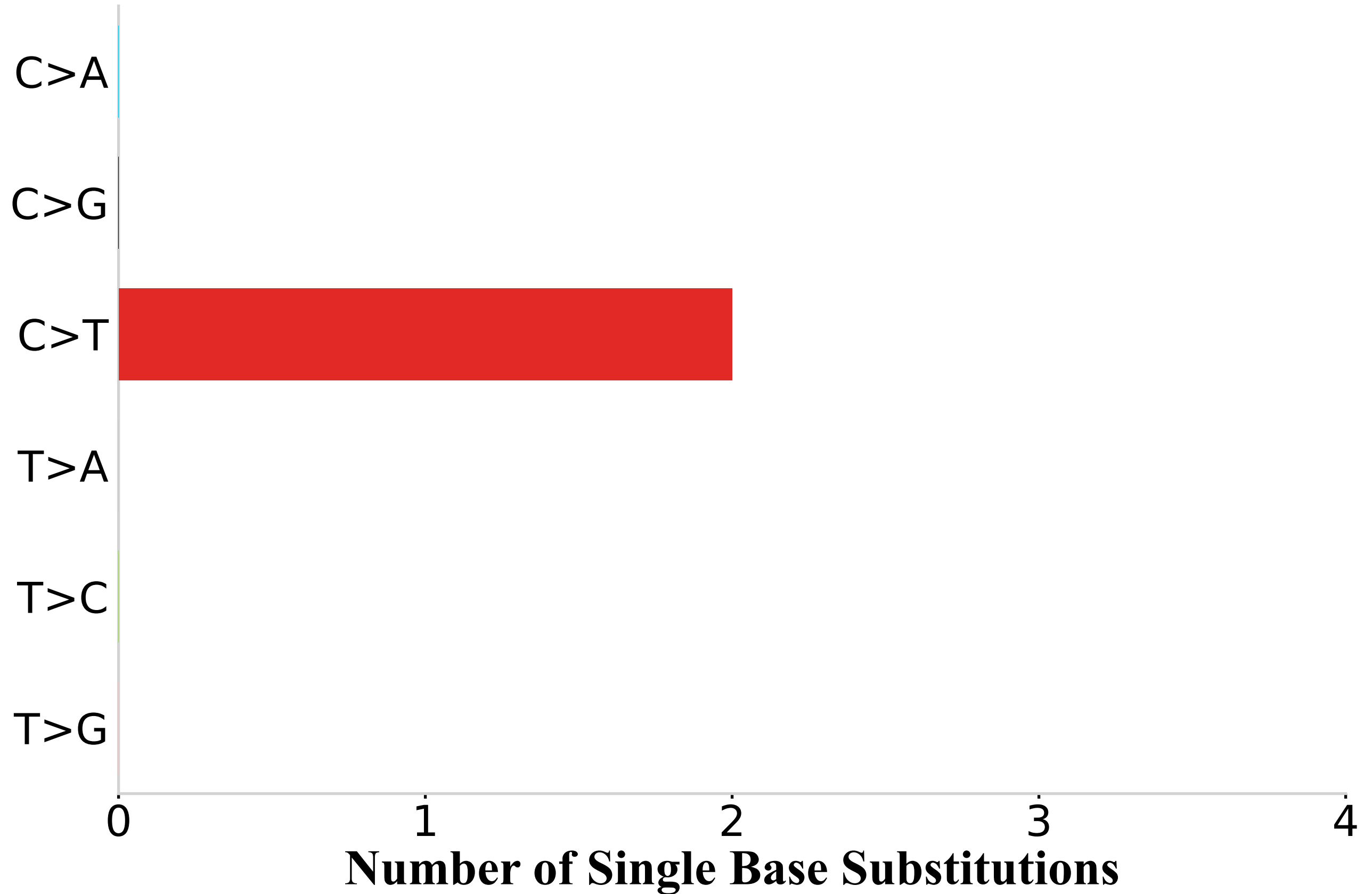
P-0002135-T01-IM3: 2 subs



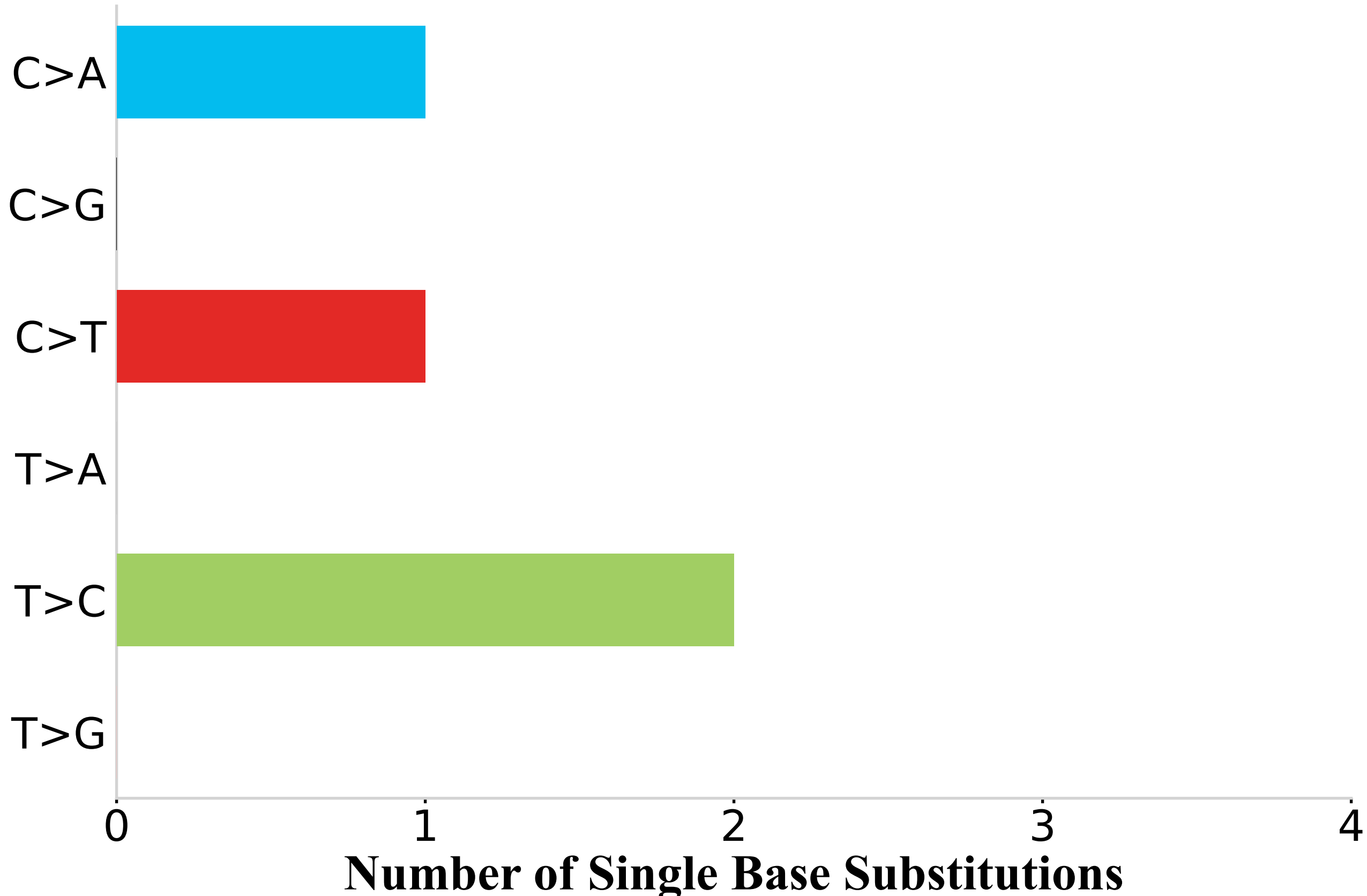
P-0002143-T01-IM3: 4 subs



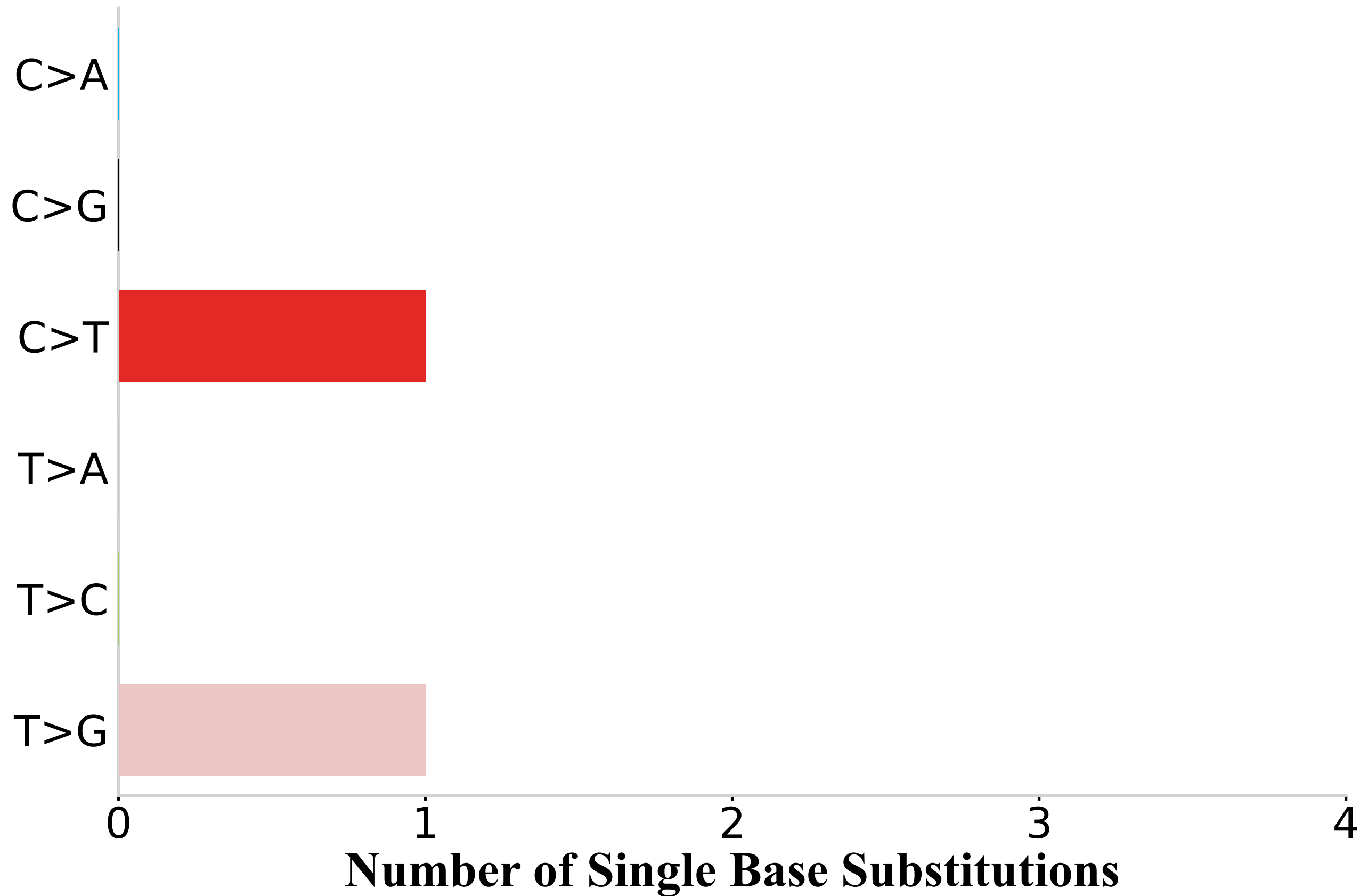
P-0002213-T01-IM3: 2 subs



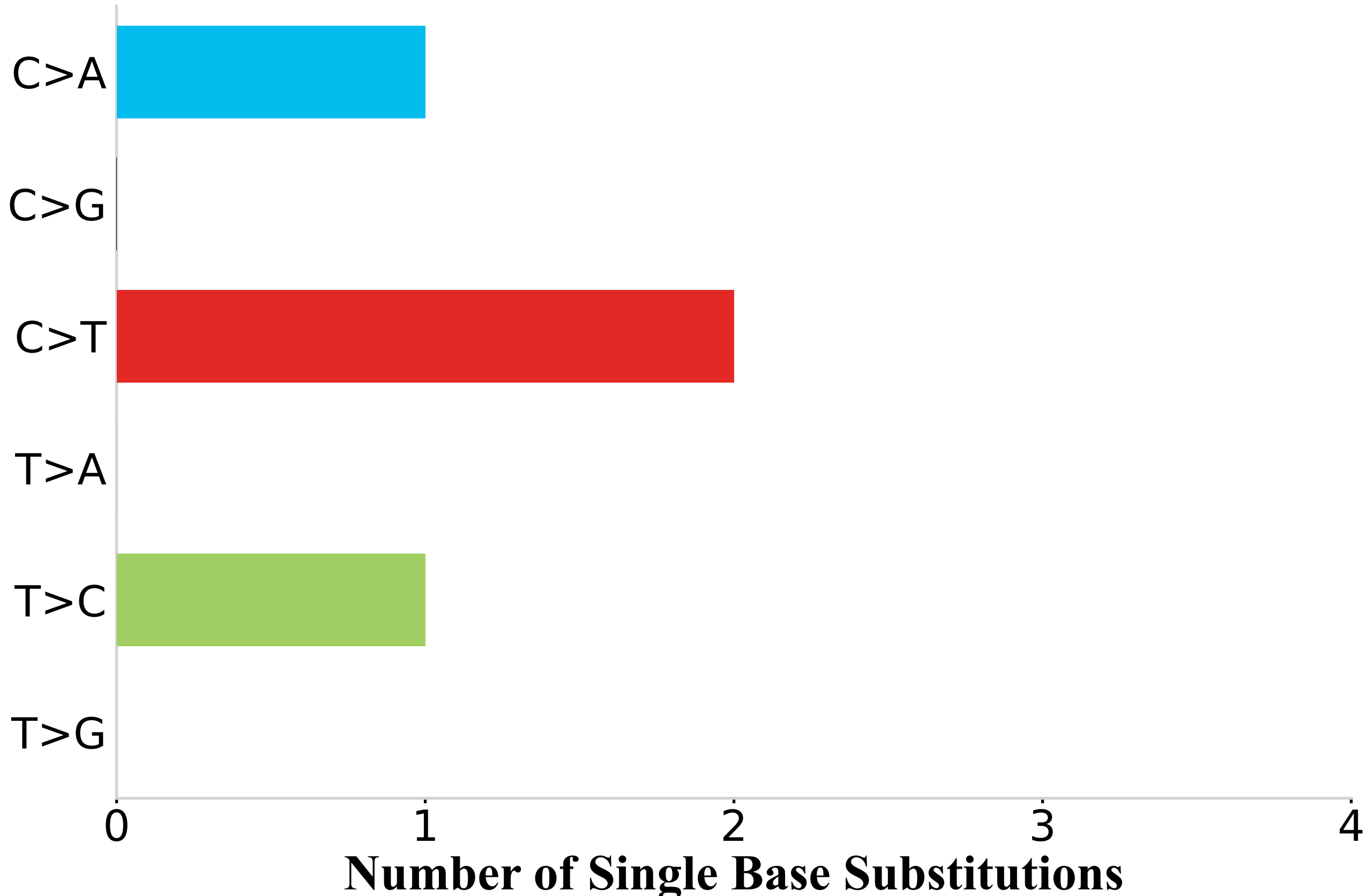
P-0002286-T01-IM3: 4 subs



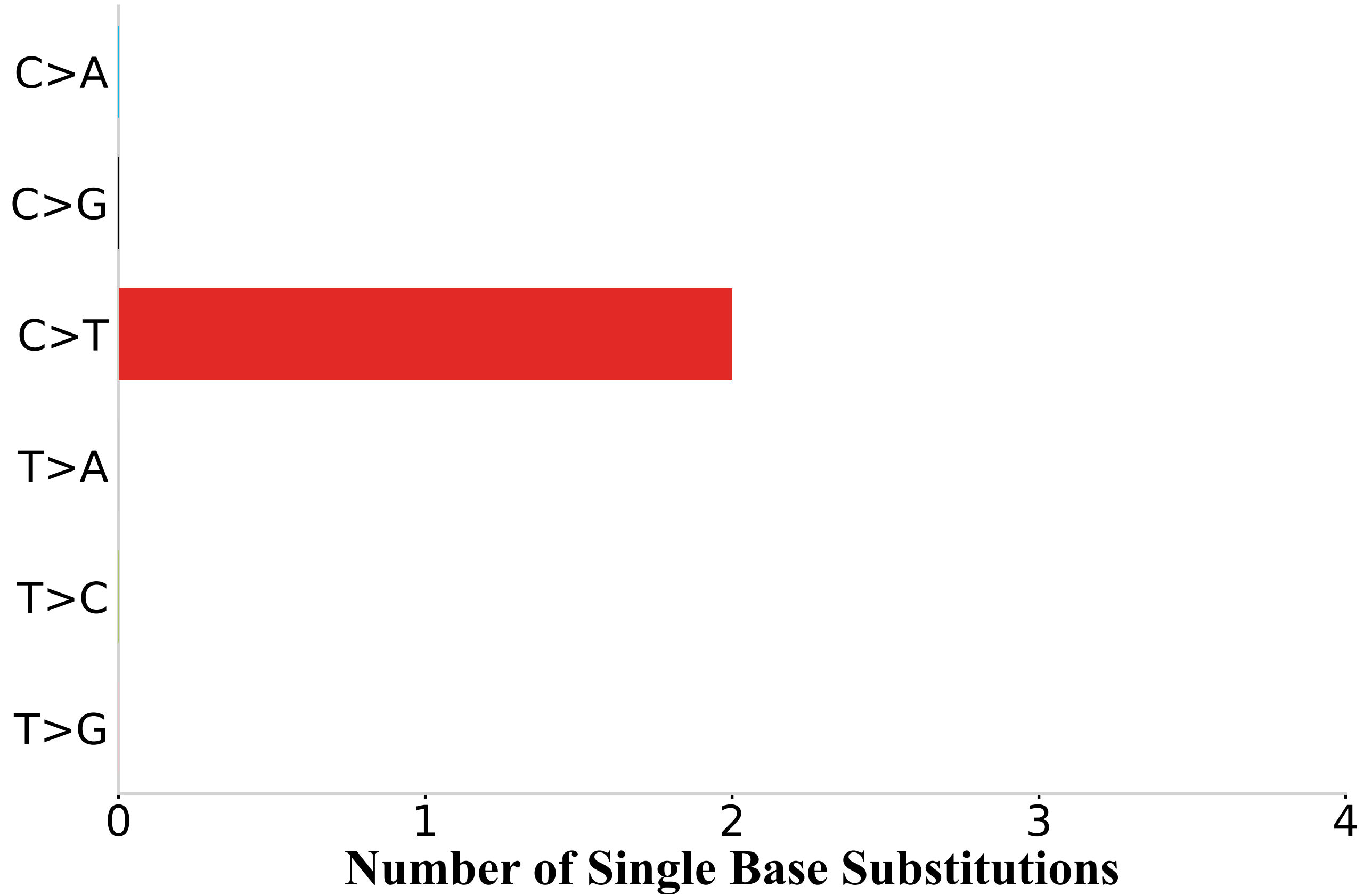
P-0002675-T01-IM3: 2 subs



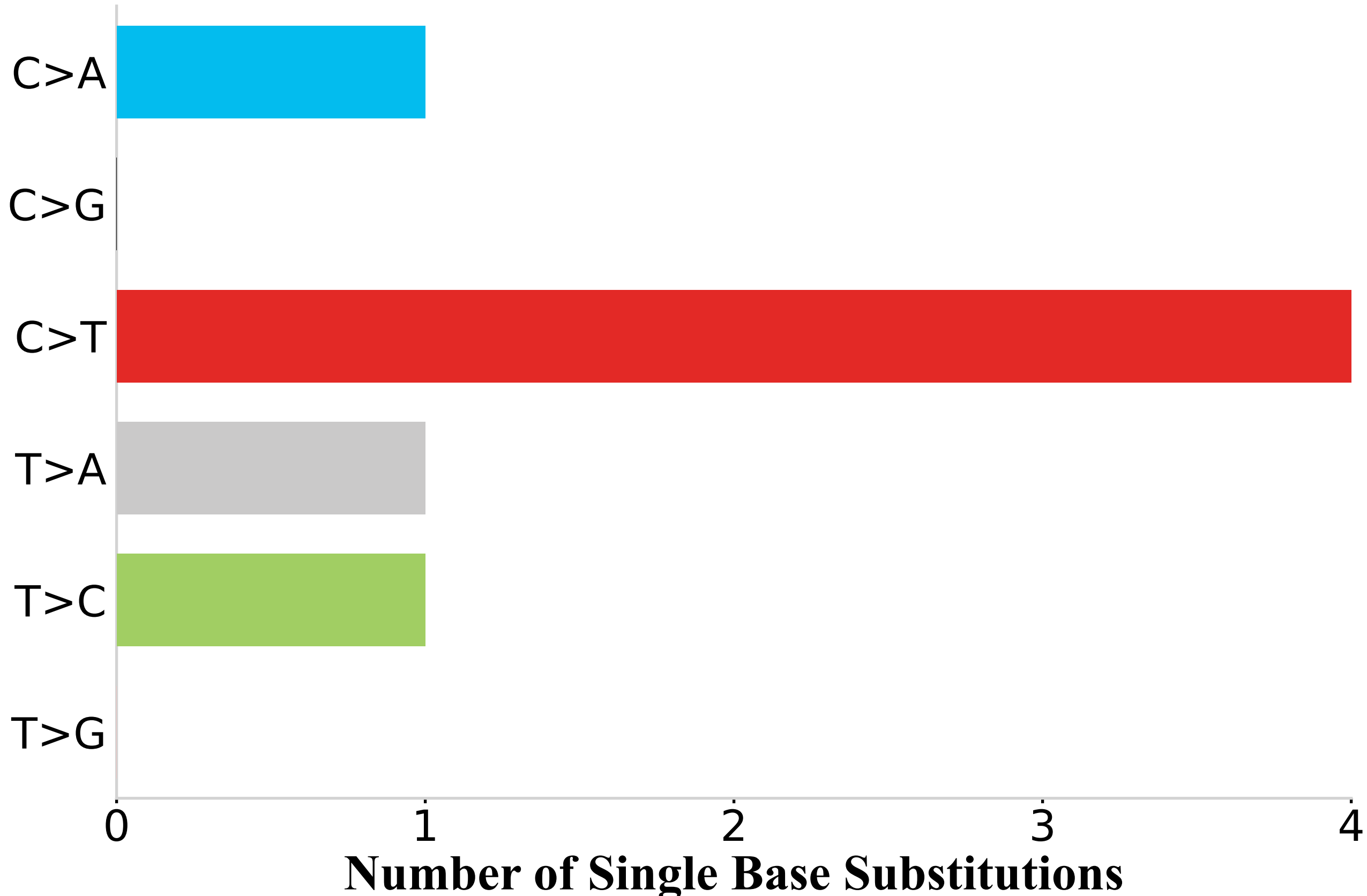
P-0002906-T01-IM3: 4 subs



P-0002937-T01-IM3: 2 subs



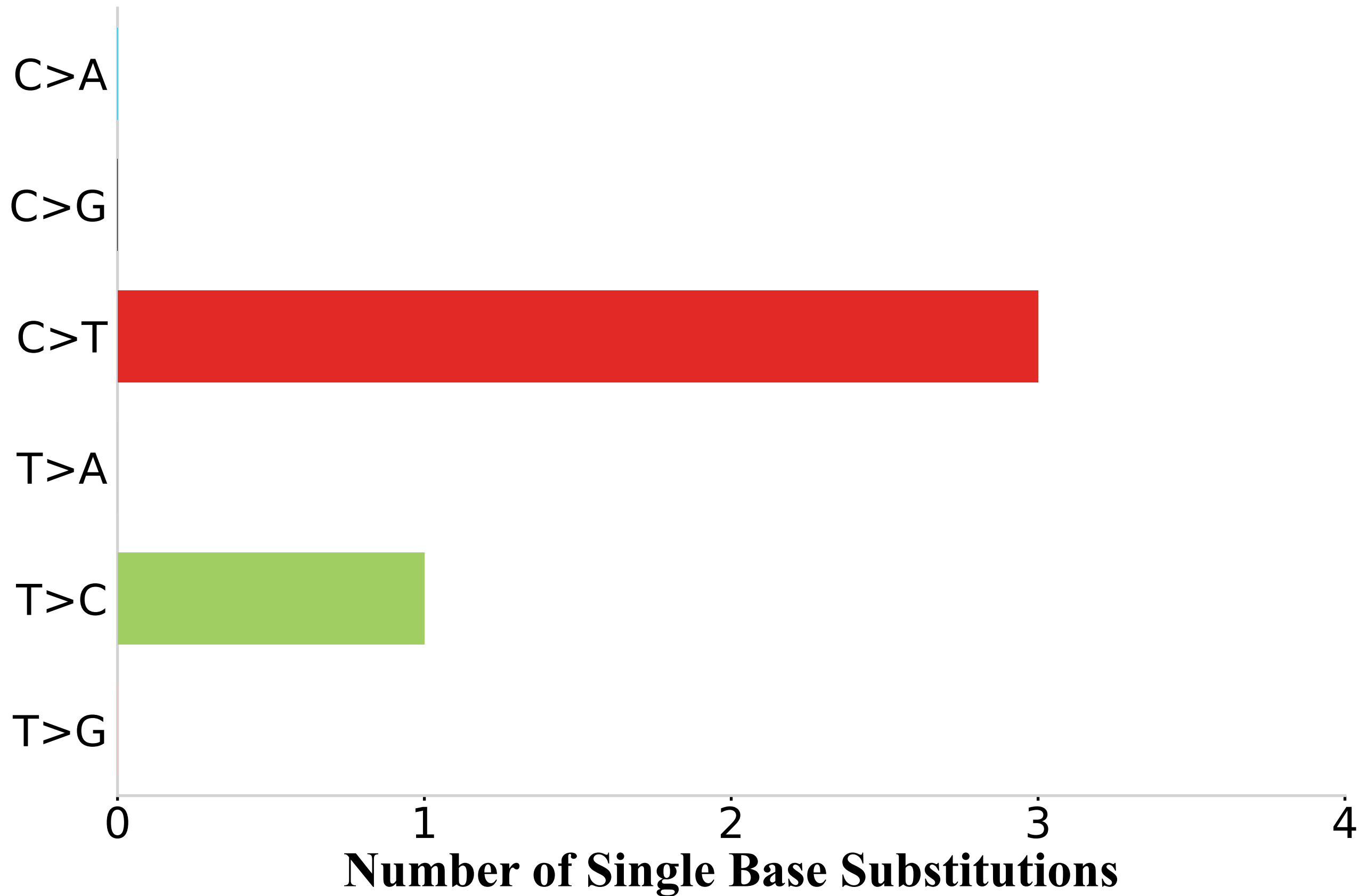
P-0003160-T01-IM5: 7 subs



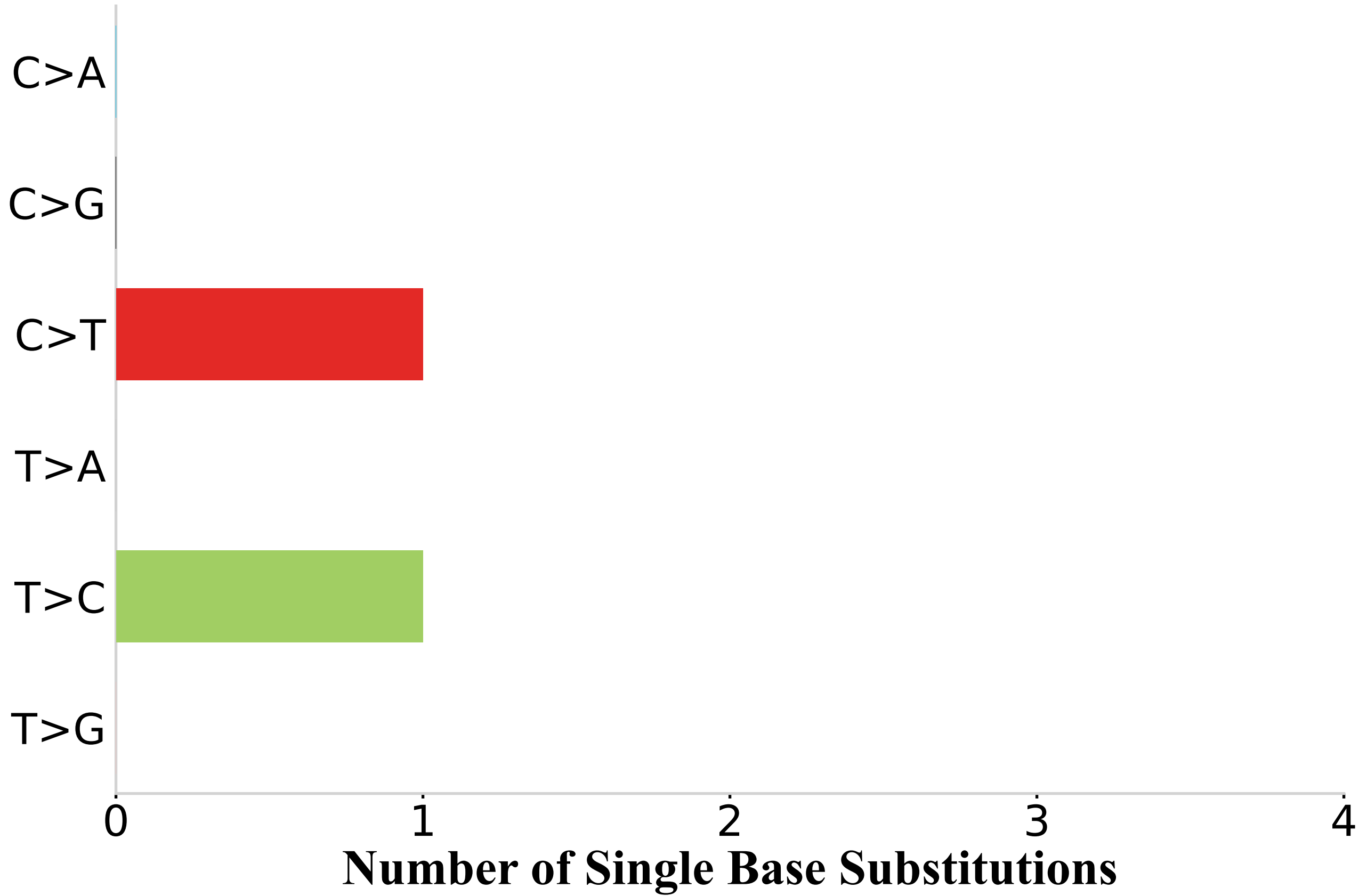
P-0003177-T01-IM5: 2 subs



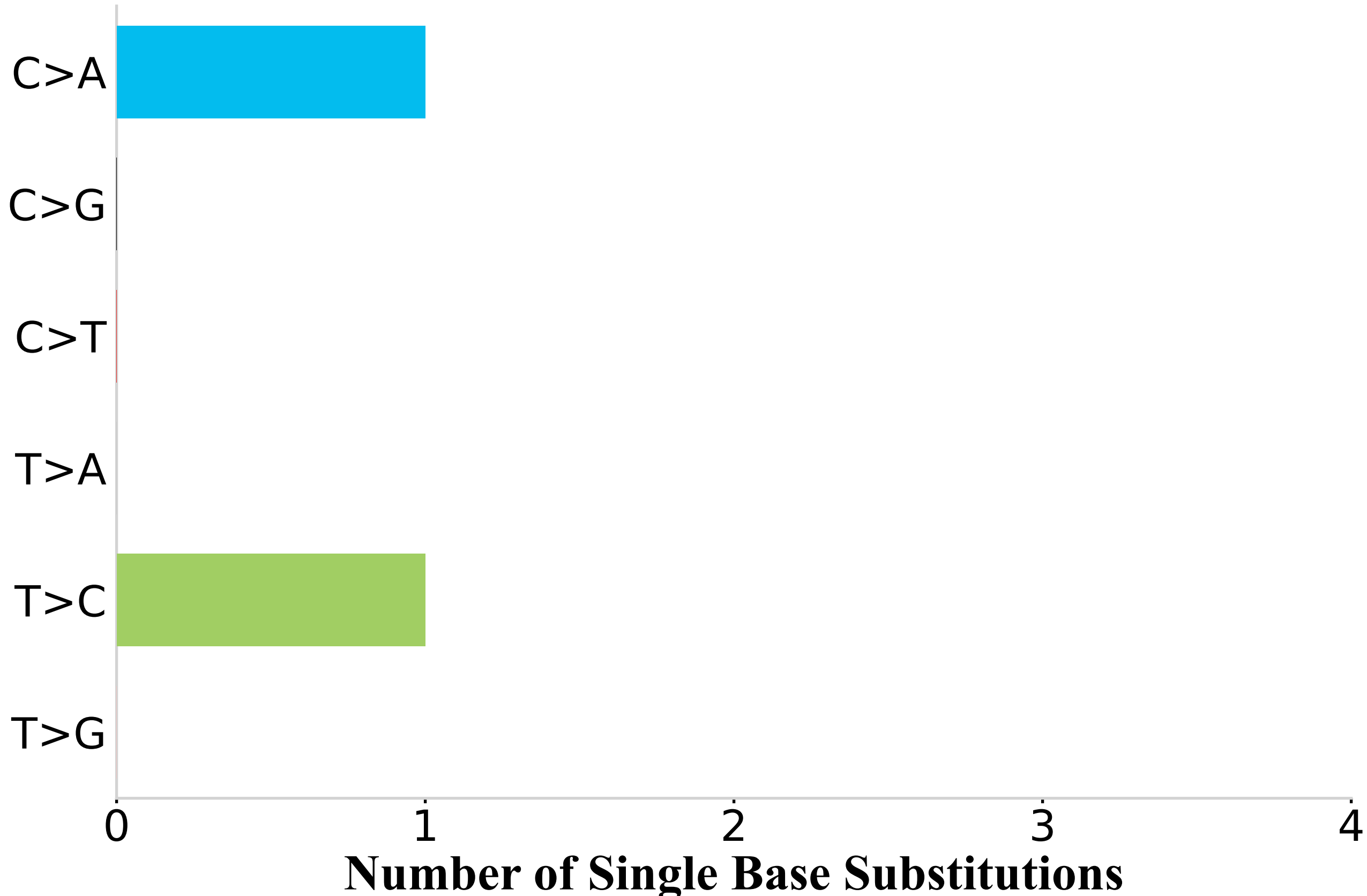
P-0003187-T02-IM5: 4 subs



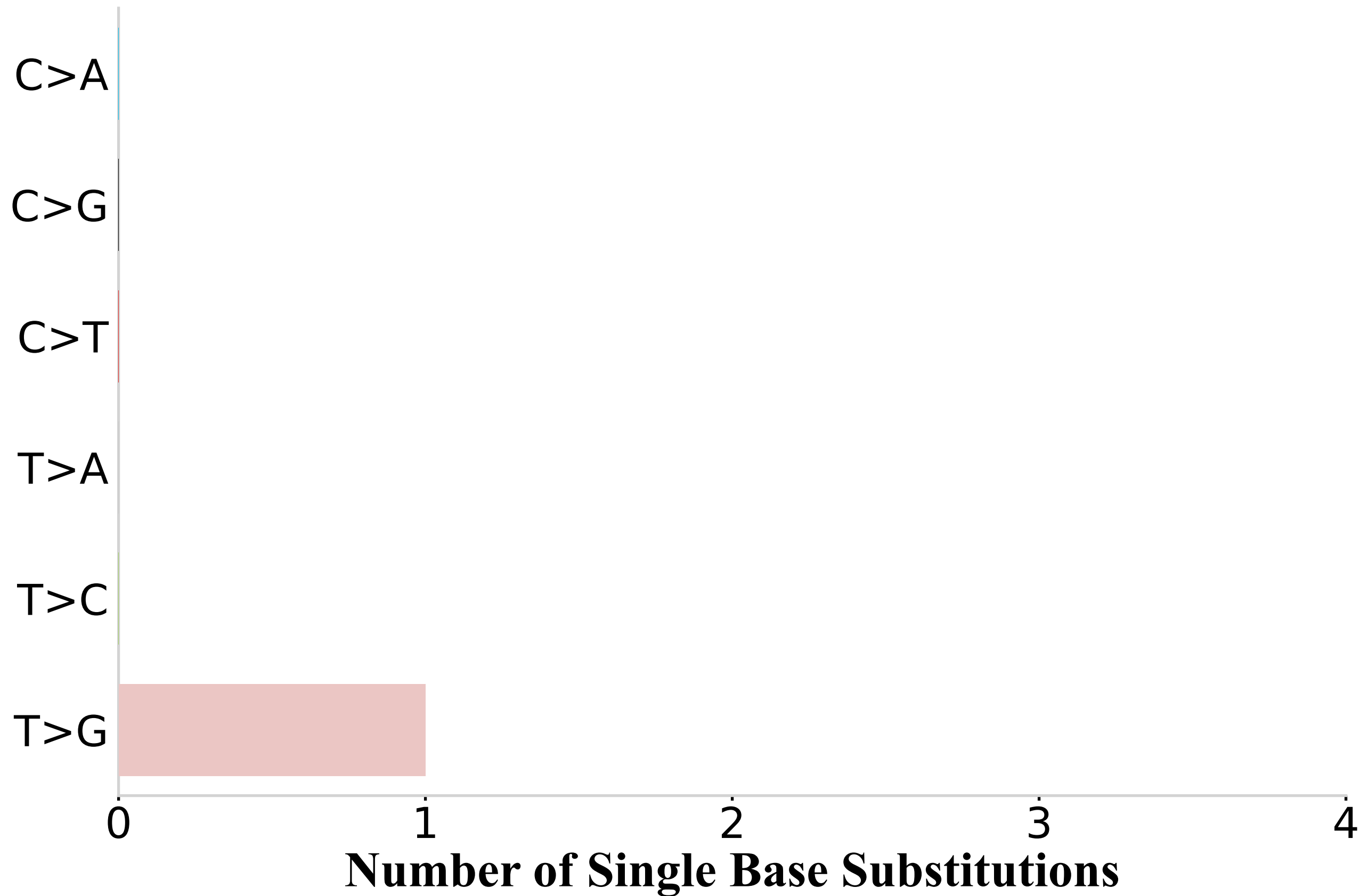
P-0003478-T01-IM5: 2 subs



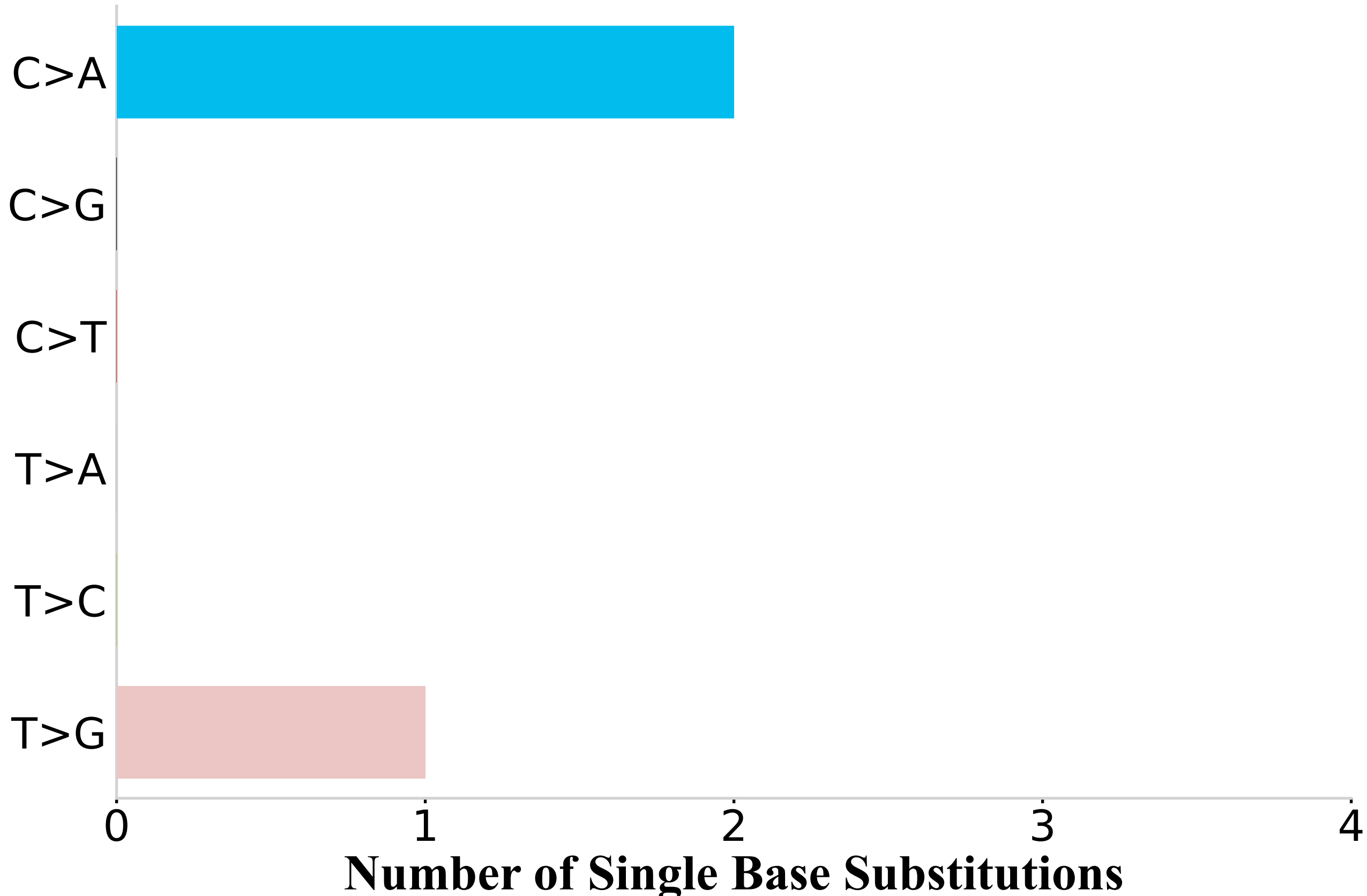
P-0003590-T01-IM5: 2 subs



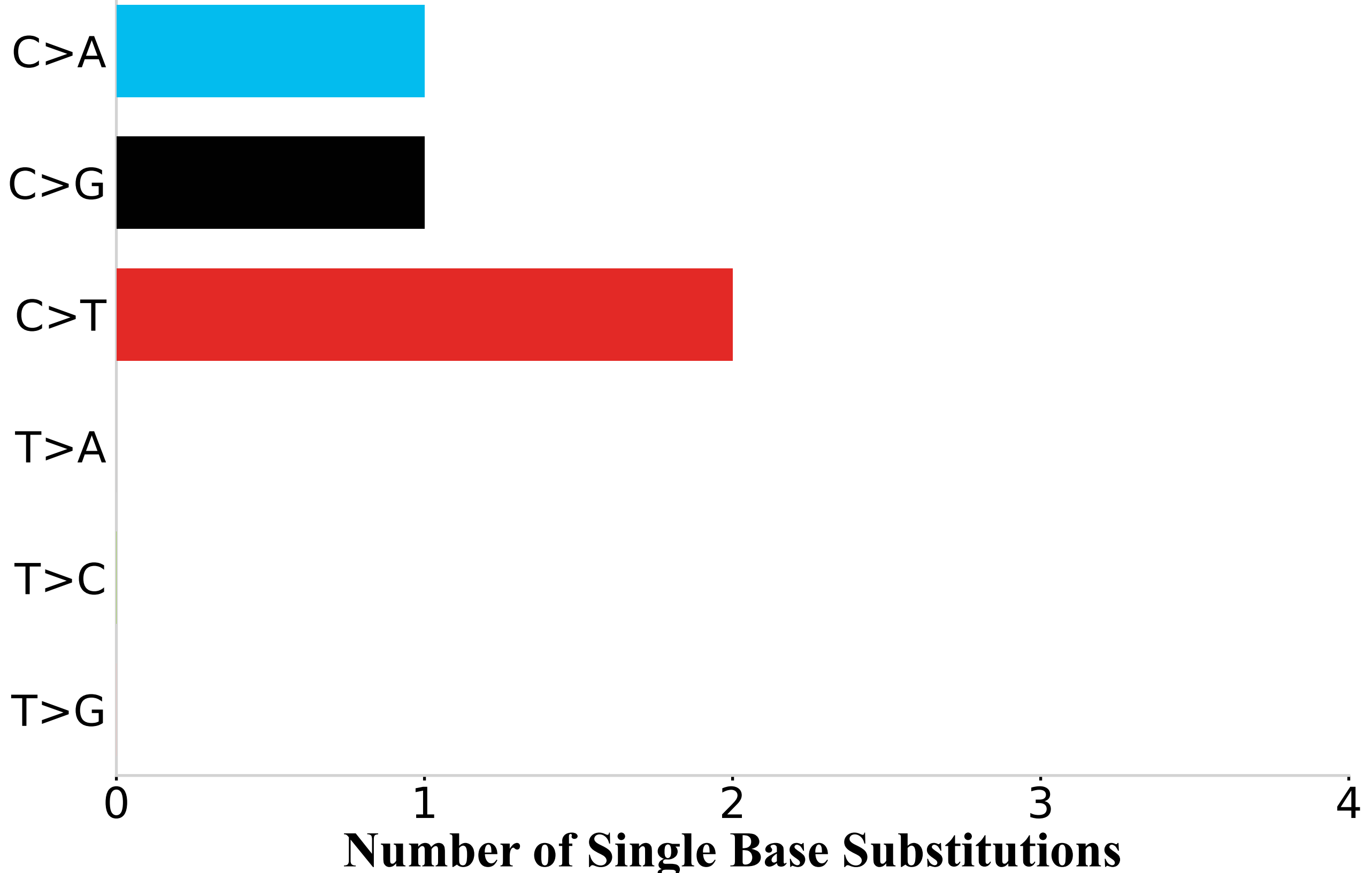
P-0003701-T01-IM5: 1 subs



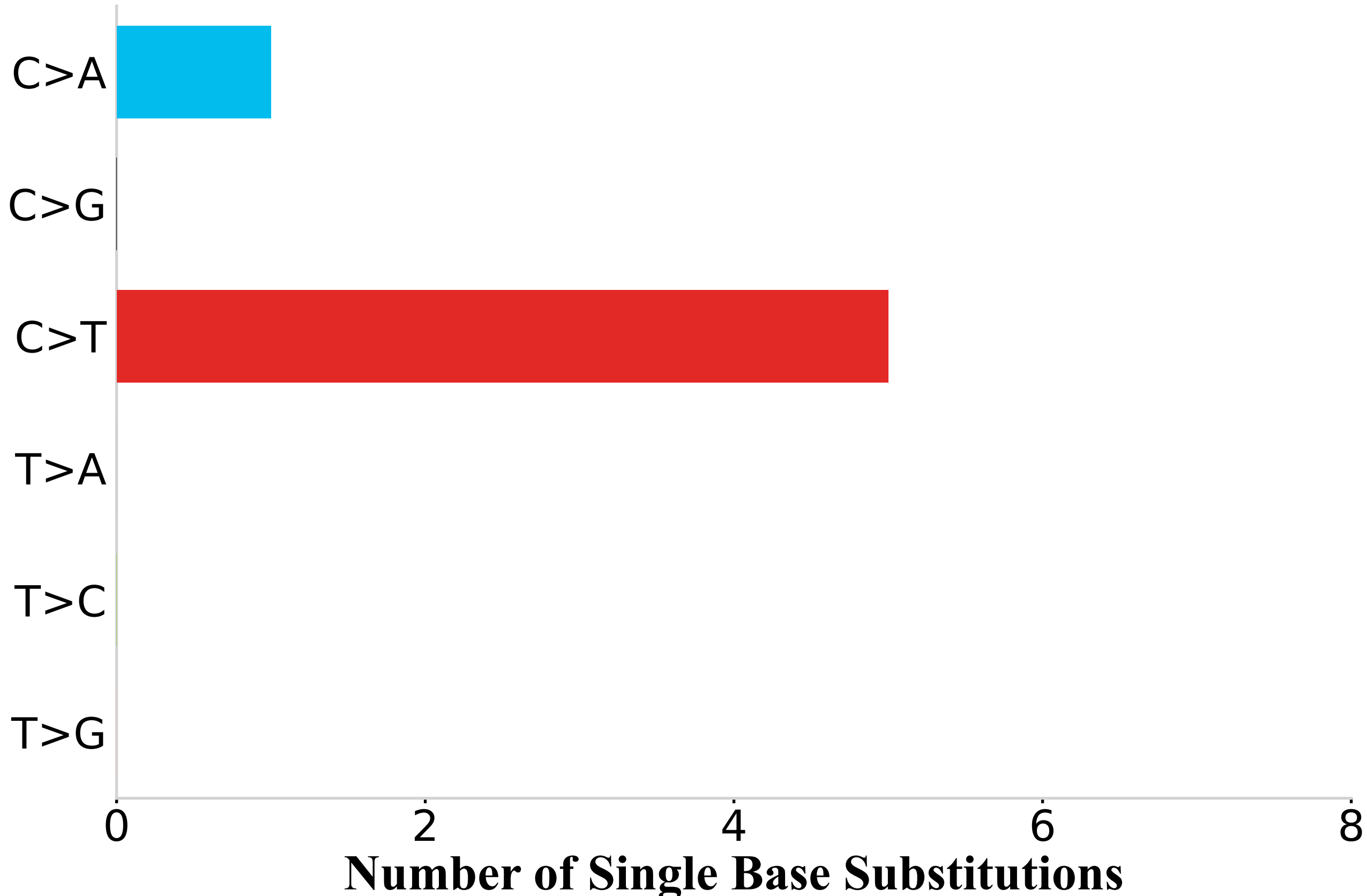
P-0003737-T01-IM5: 3 subs



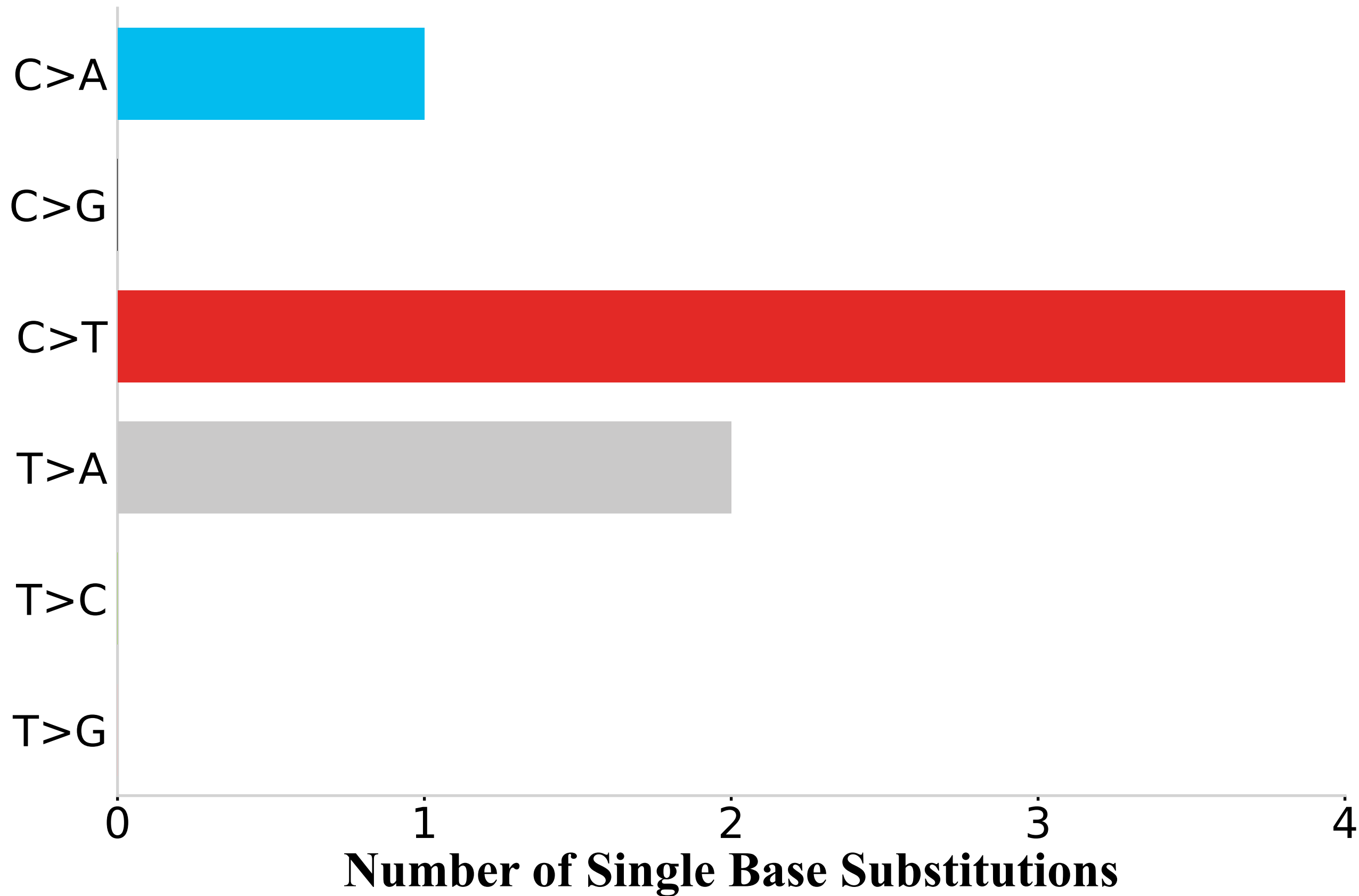
P-0003795-T01-IM5: 4 subs



P-0003812-T01-IM5: 6 subs



P-0003938-T01-IM5: 7 subs



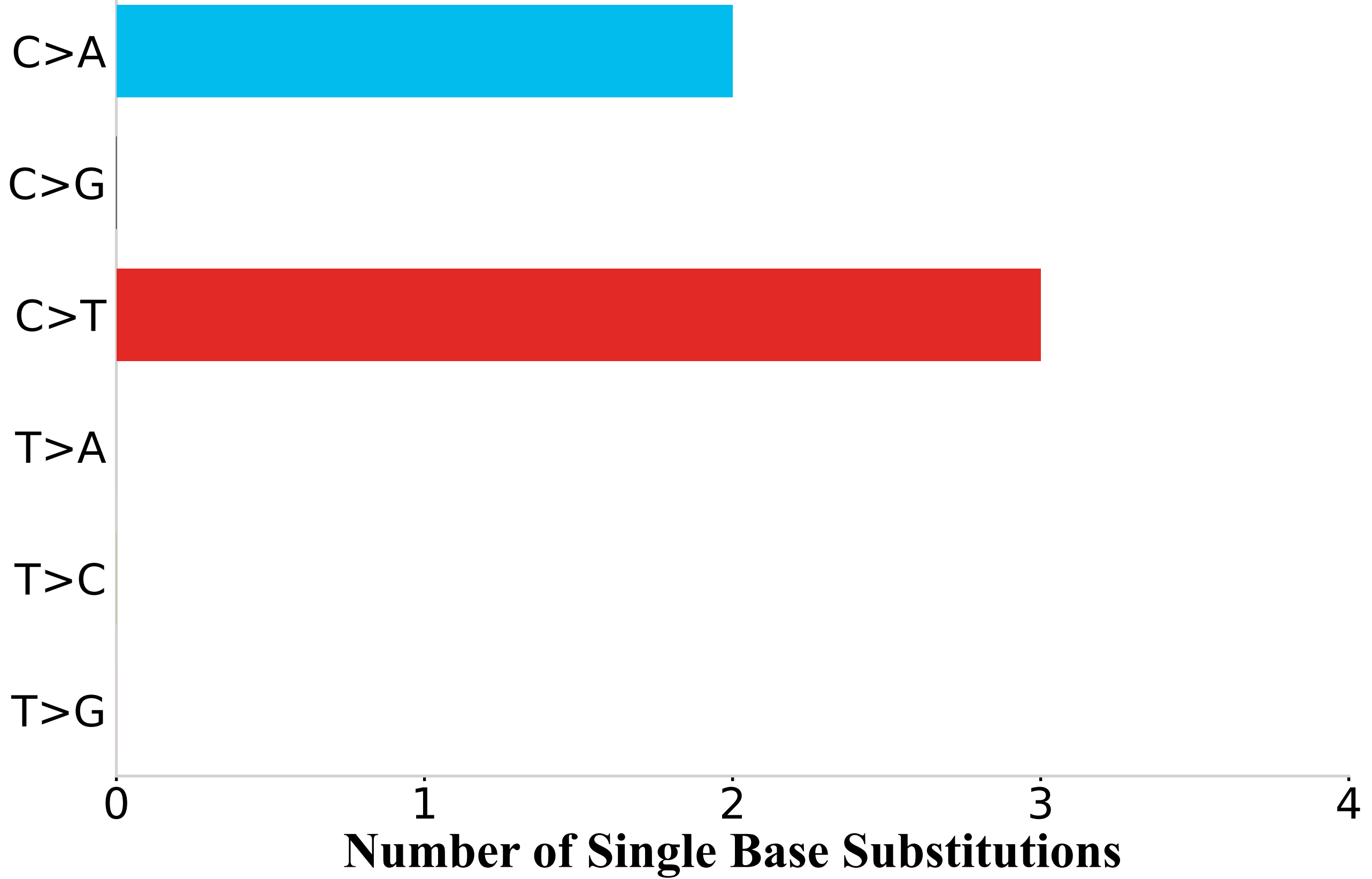
P-0003946-T01-IM3: 2 subs



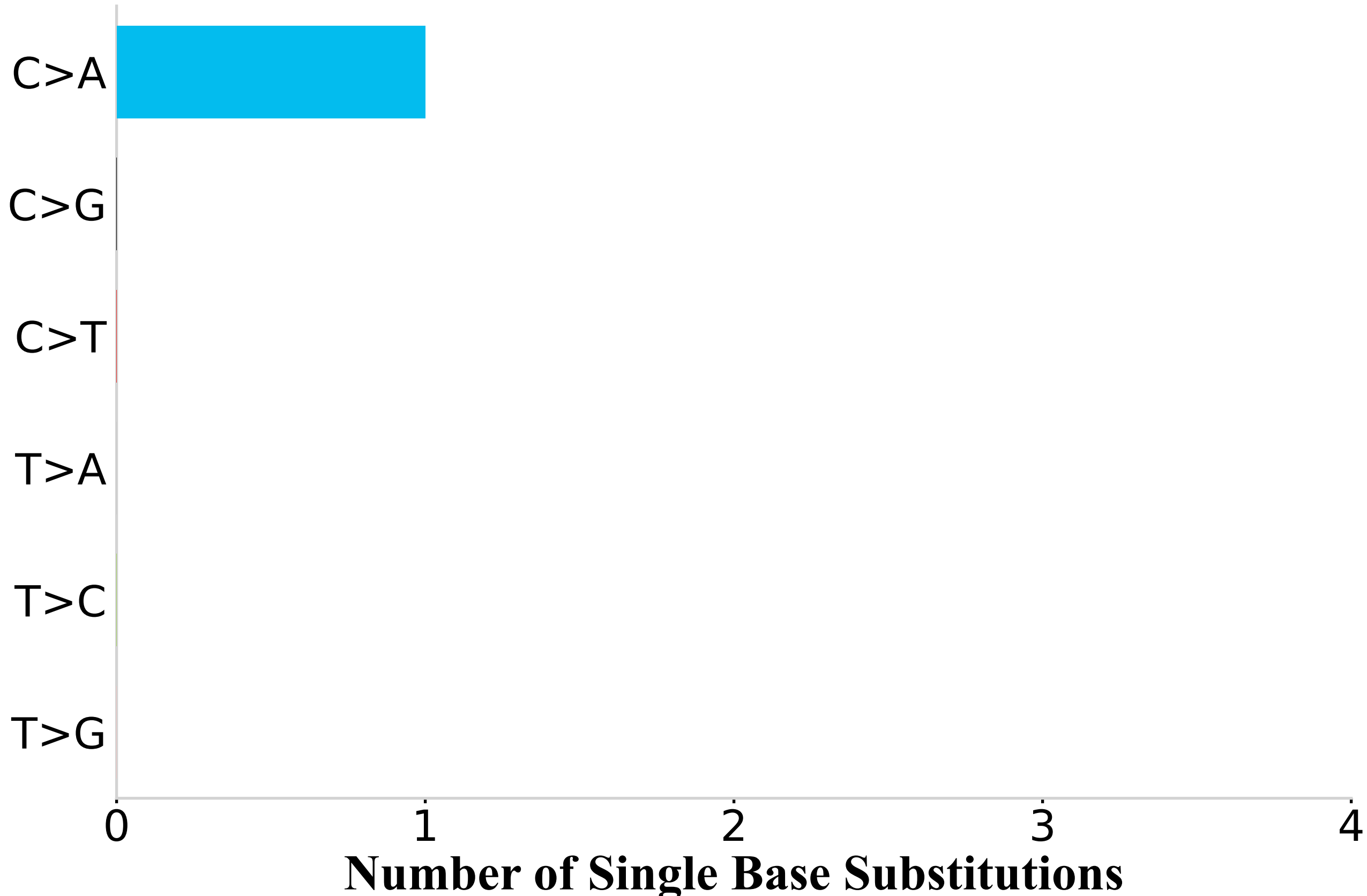
P-0004080-T01-IM5: 1 subs



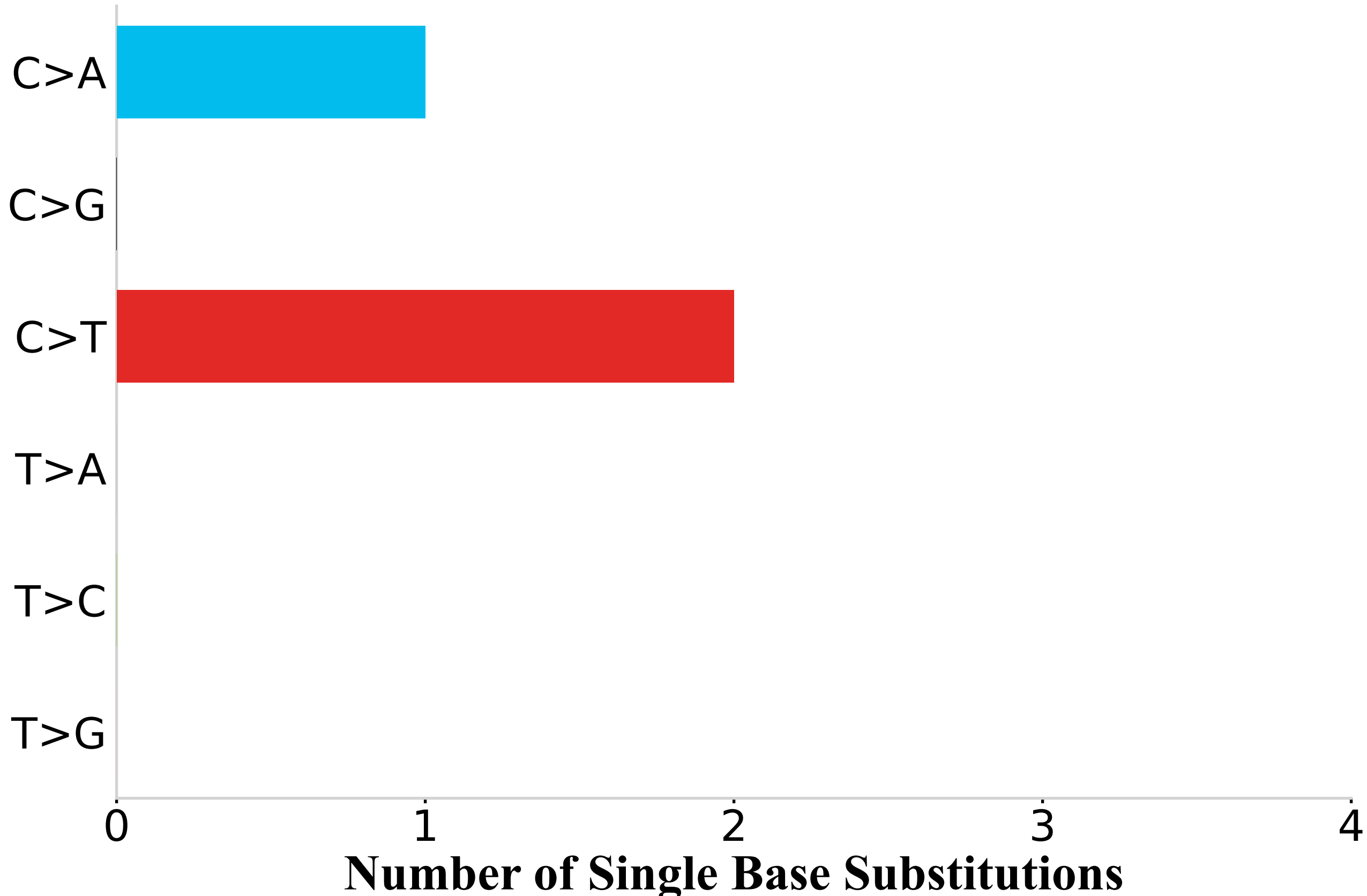
P-0004252-T01-IM5: 5 subs



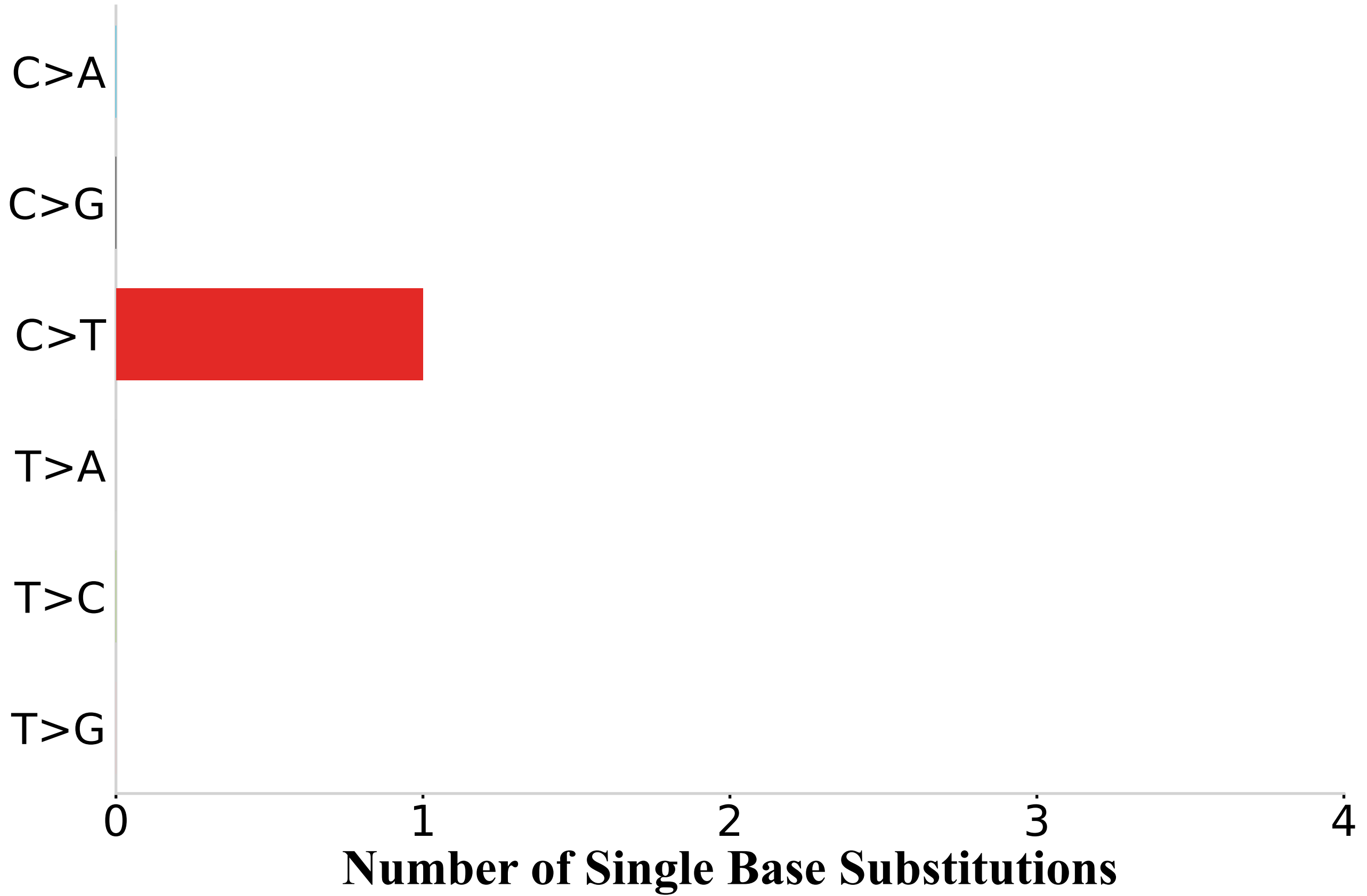
P-0004520-T01-IM5: 1 subs



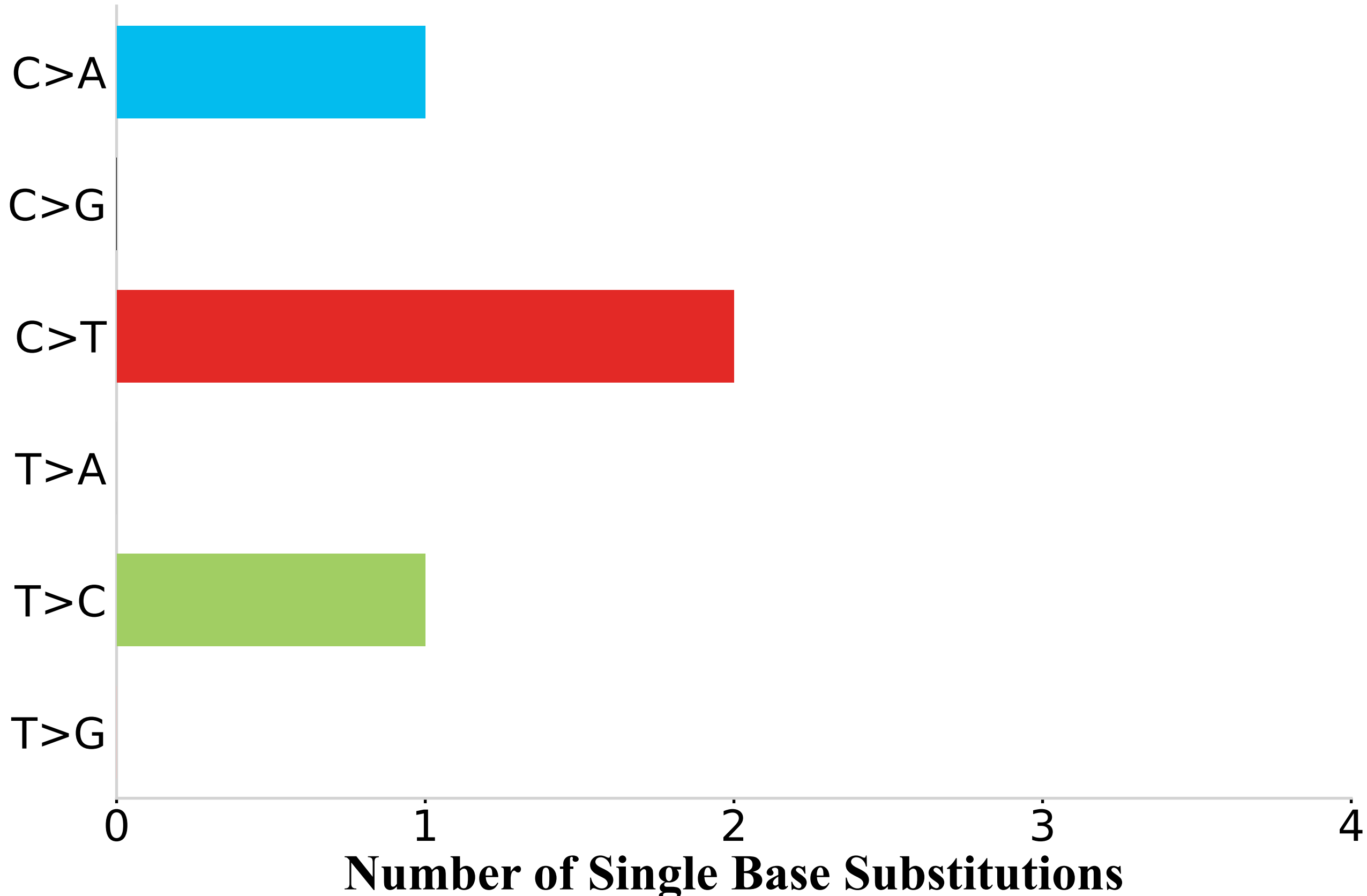
P-0004535-T01-IM5: 3 subs



P-0004547-T01-IM5: 1 subs



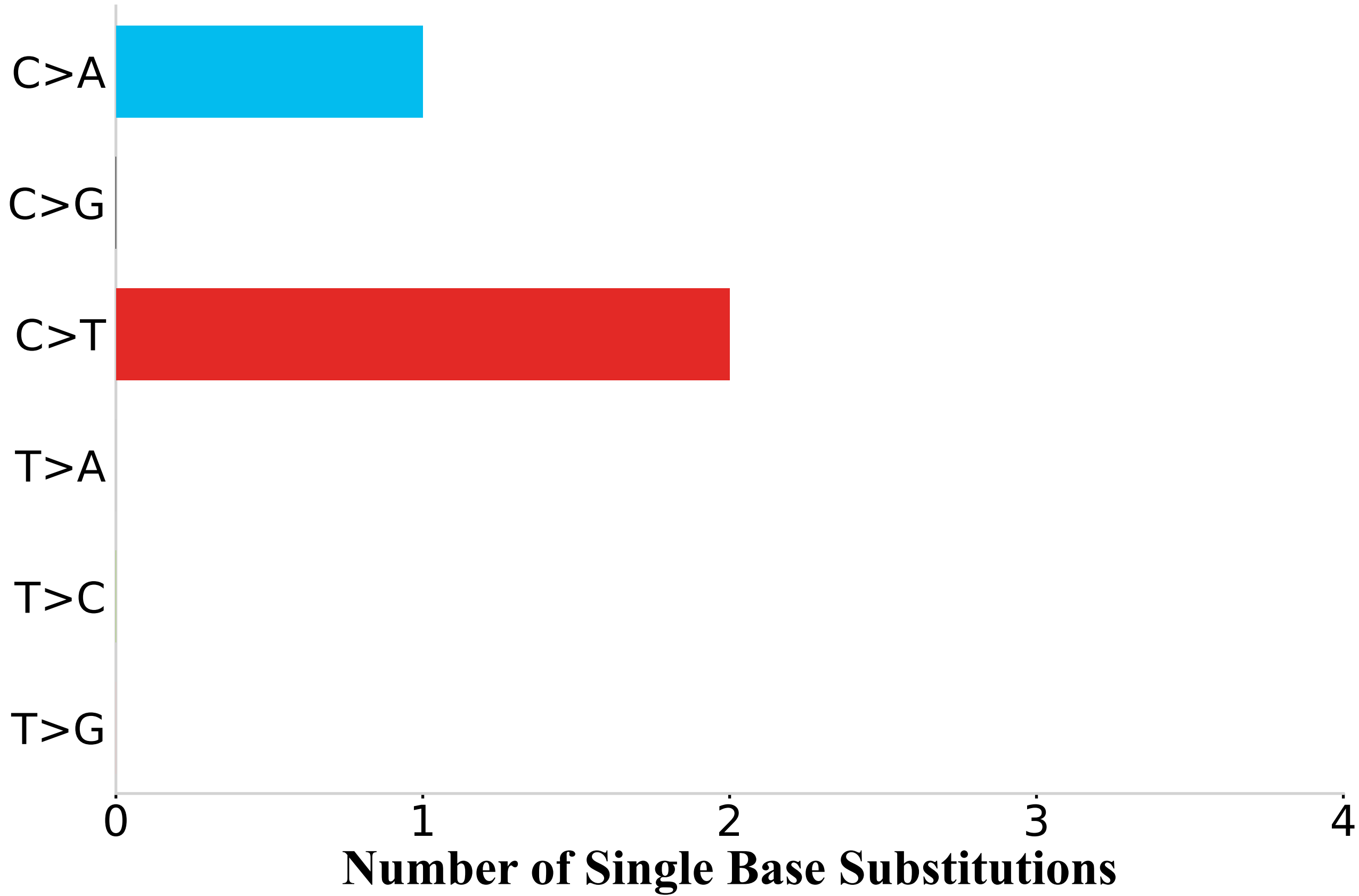
P-0004779-T01-IM5: 4 subs



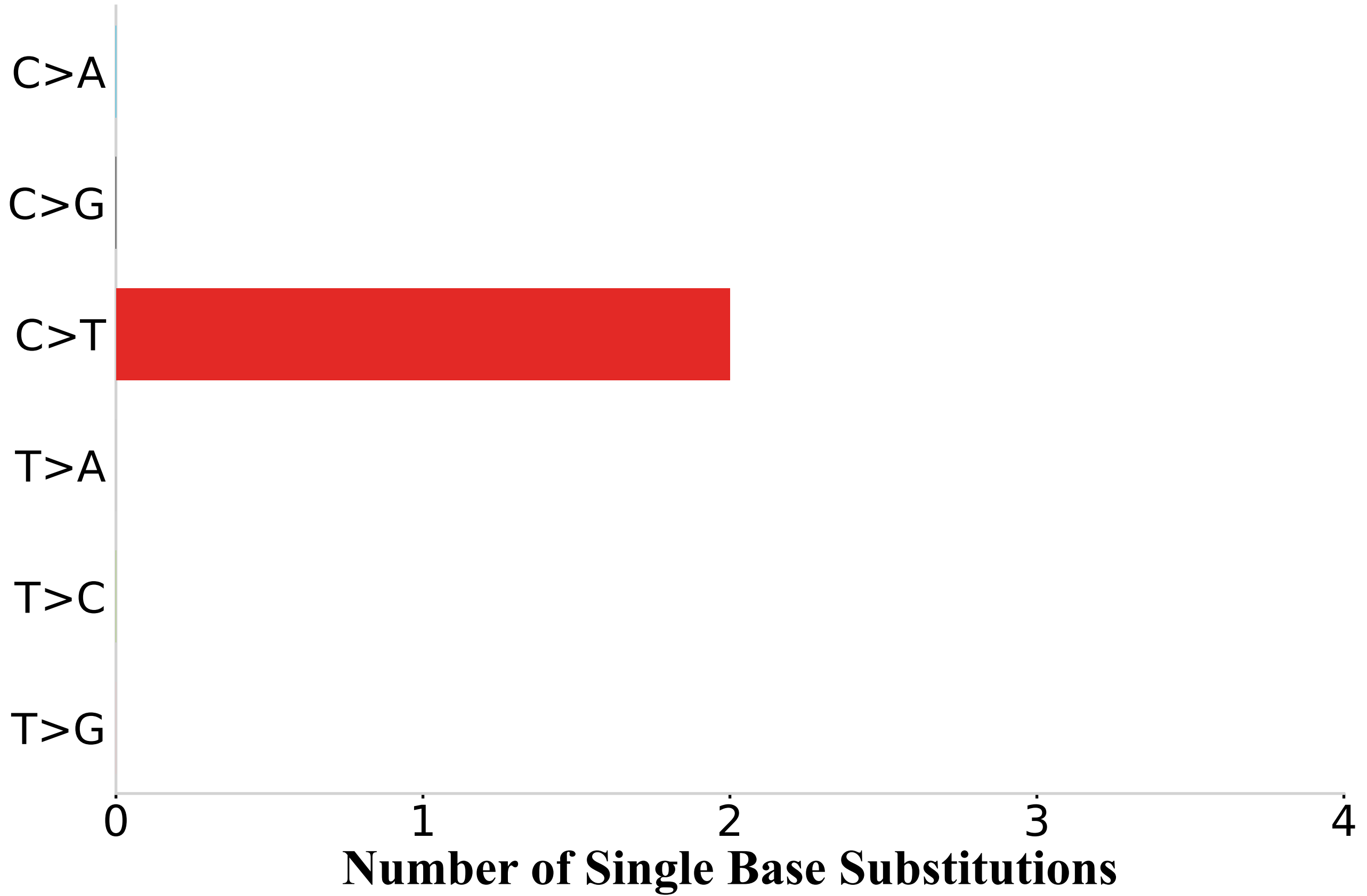
P-0004955-T01-IM5: 4 subs



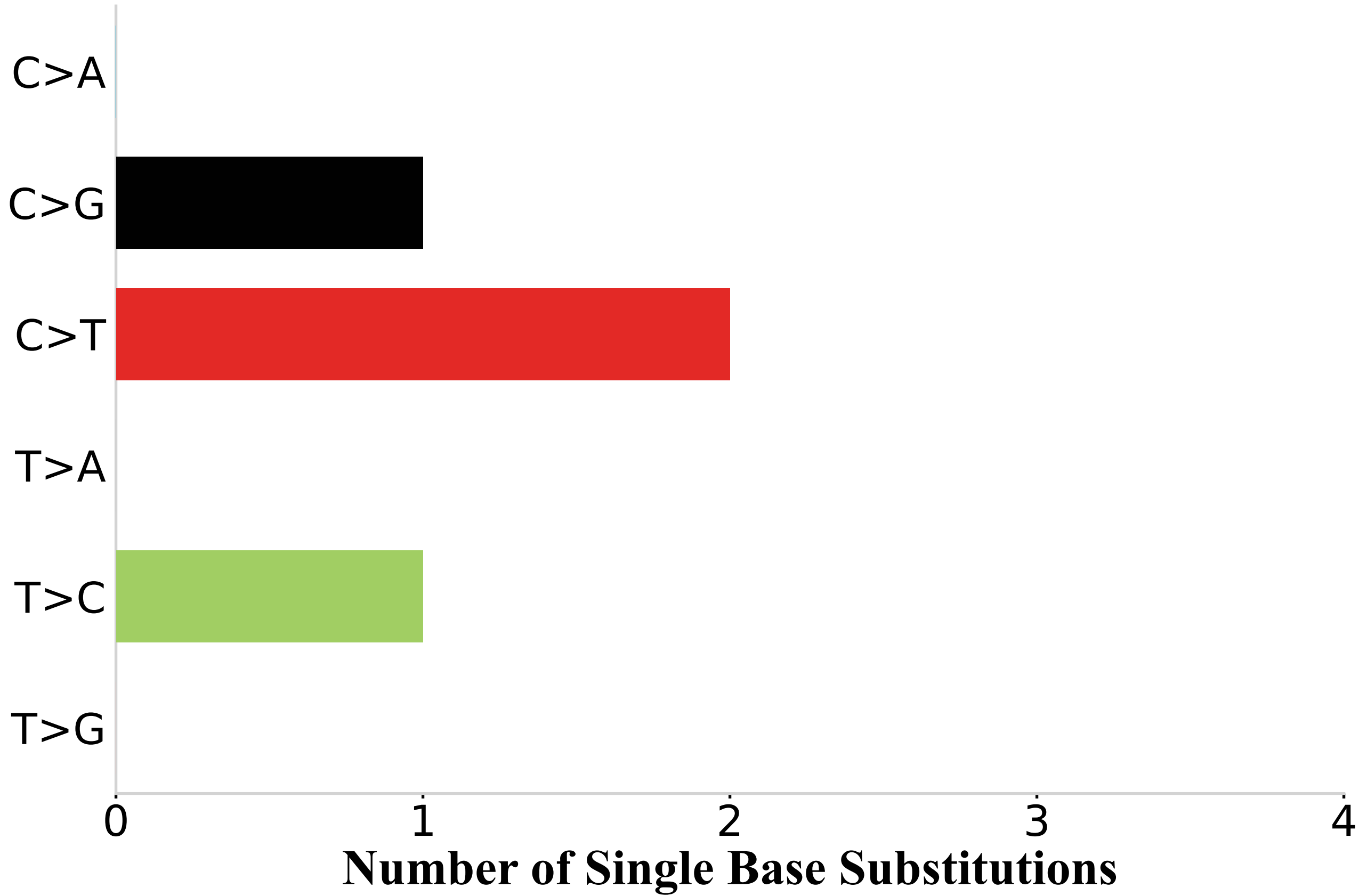
P-0005000-T01-IM5: 3 subs



P-0005112-T01-IM5: 2 subs



P-0005140-T01-IM5: 4 subs



P-0005161-T01-IM5: 0 subs

C>A

C>G

C>T

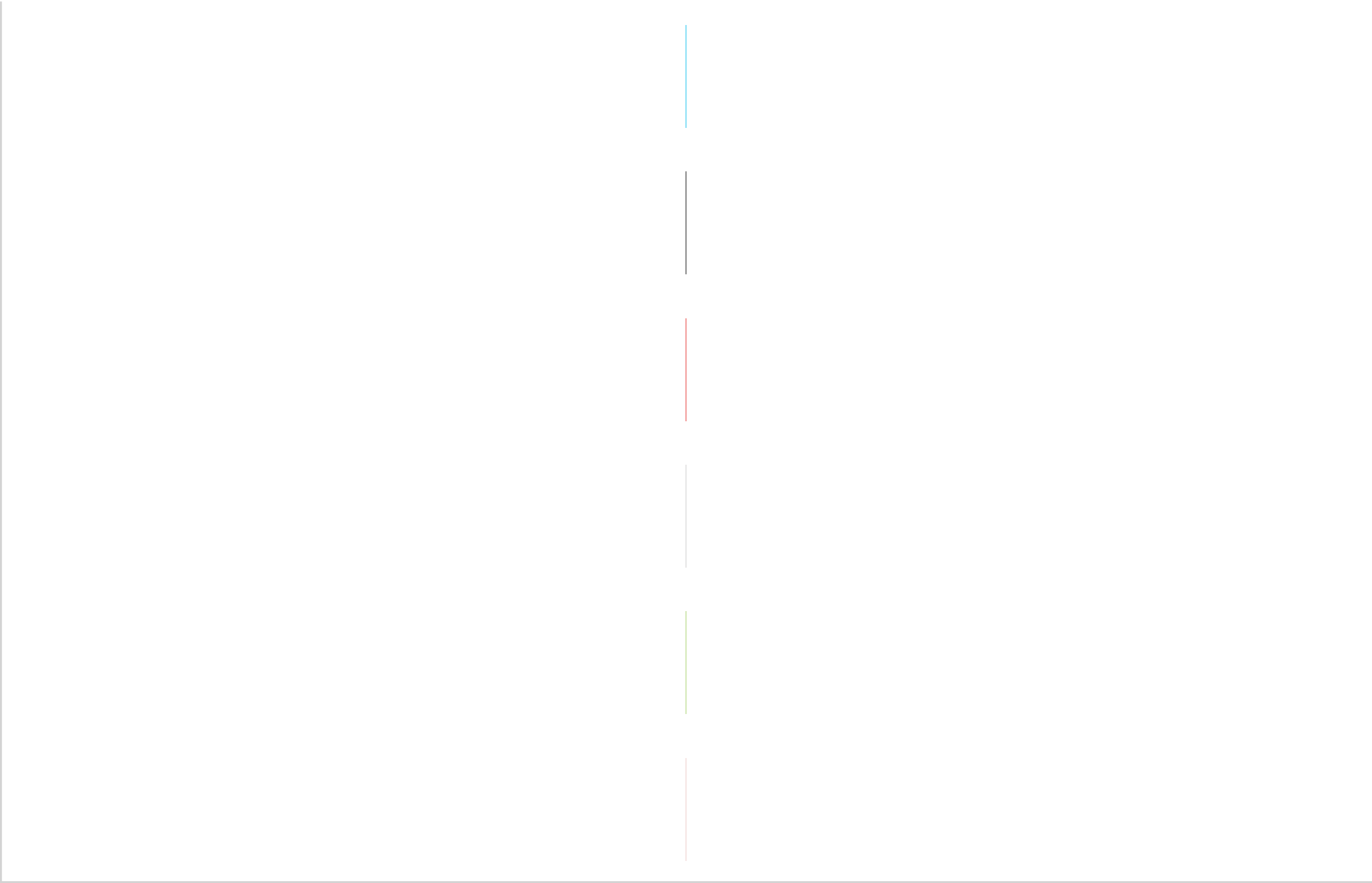
T>A

T>C

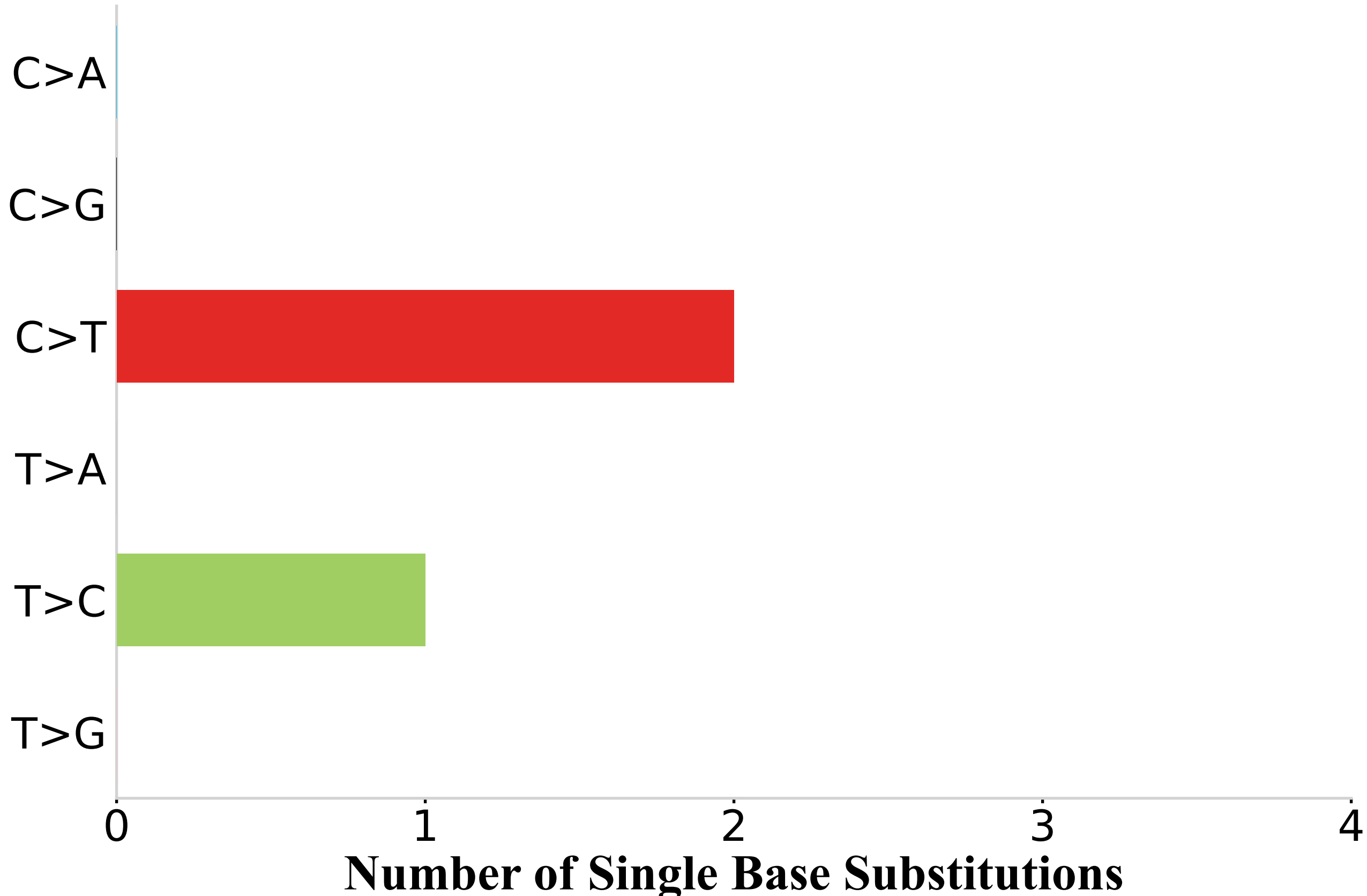
T>G

0

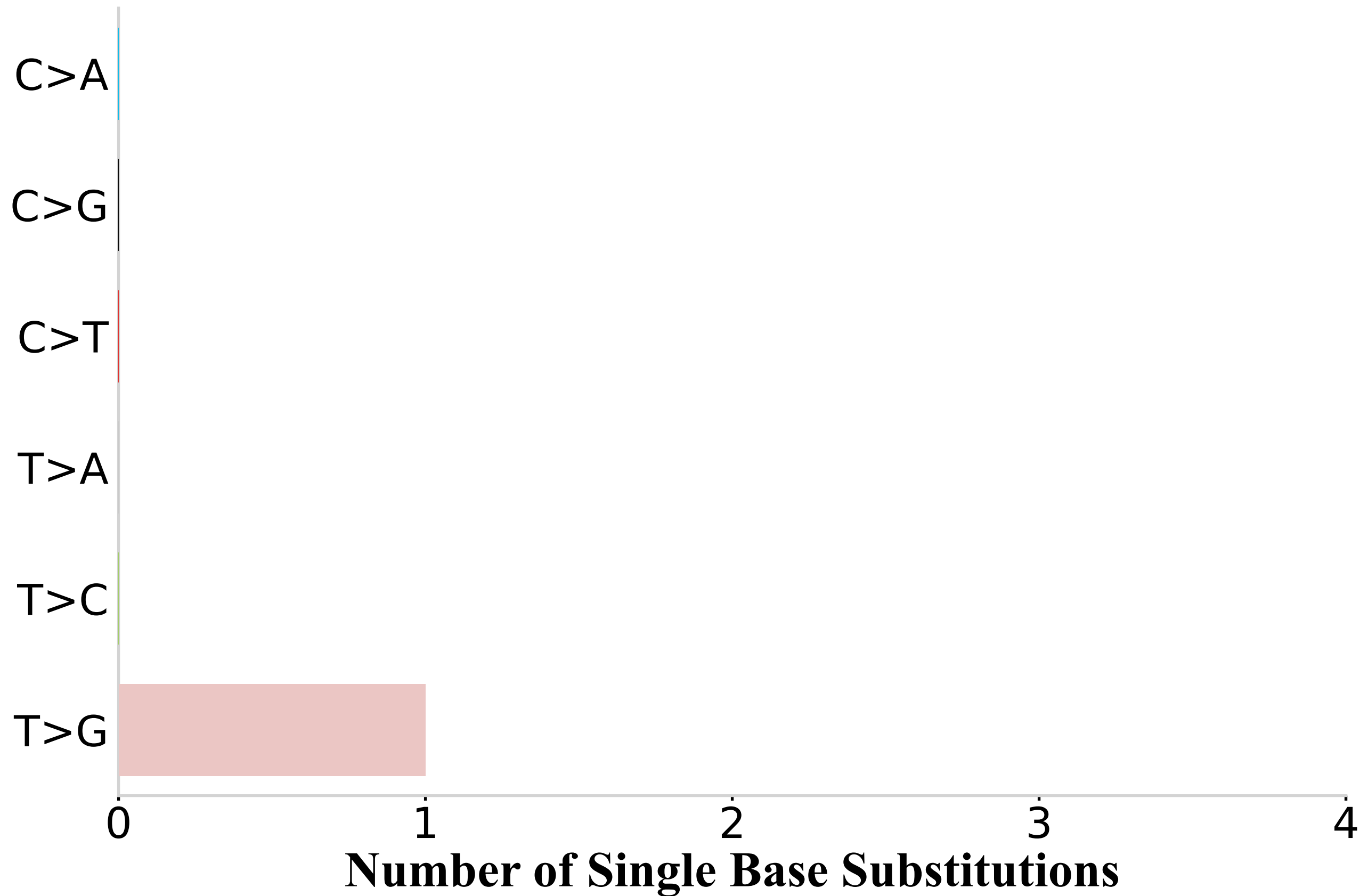
Number of Single Base Substitutions



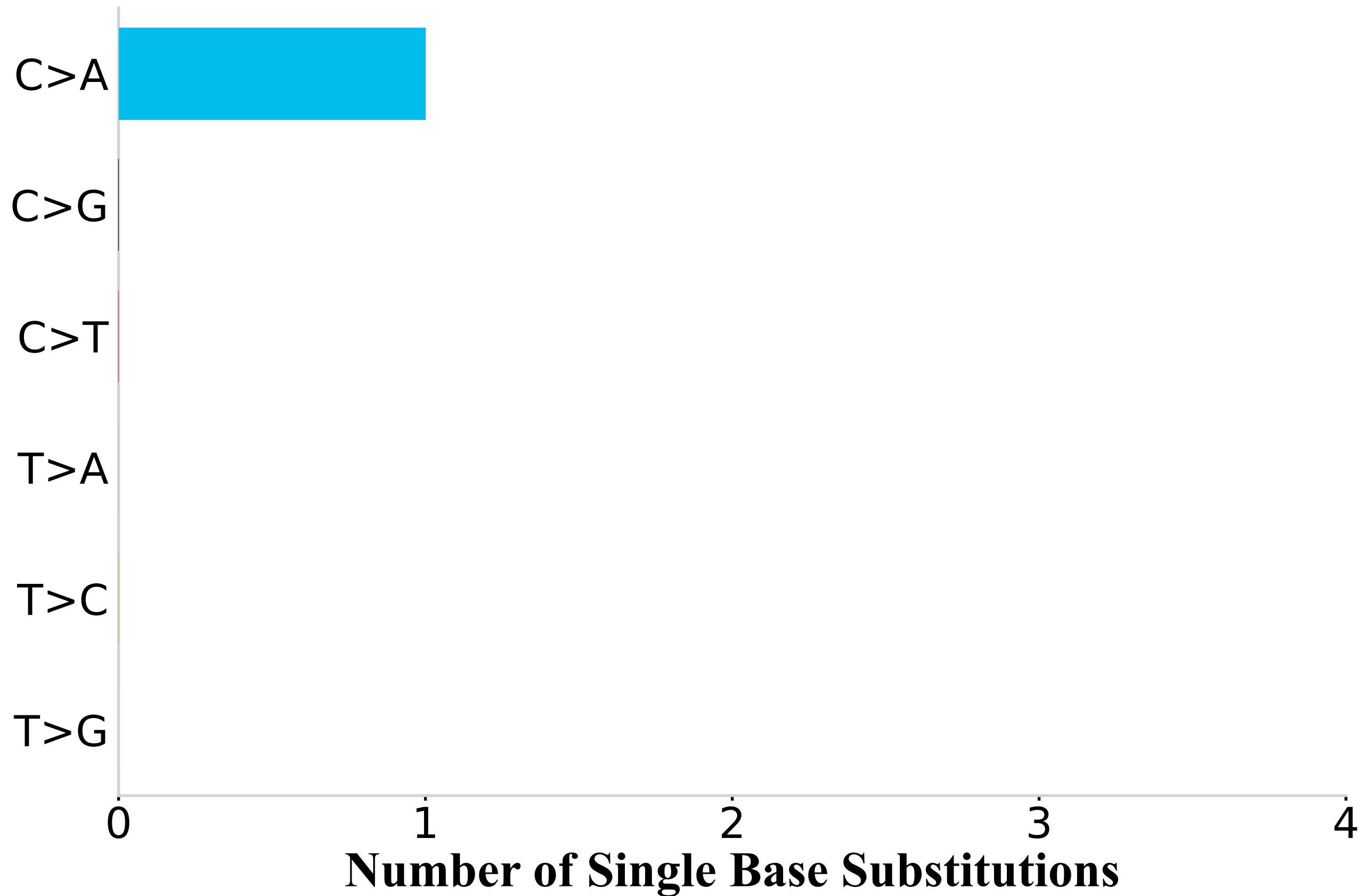
P-0005255-T01-IM5: 3 subs



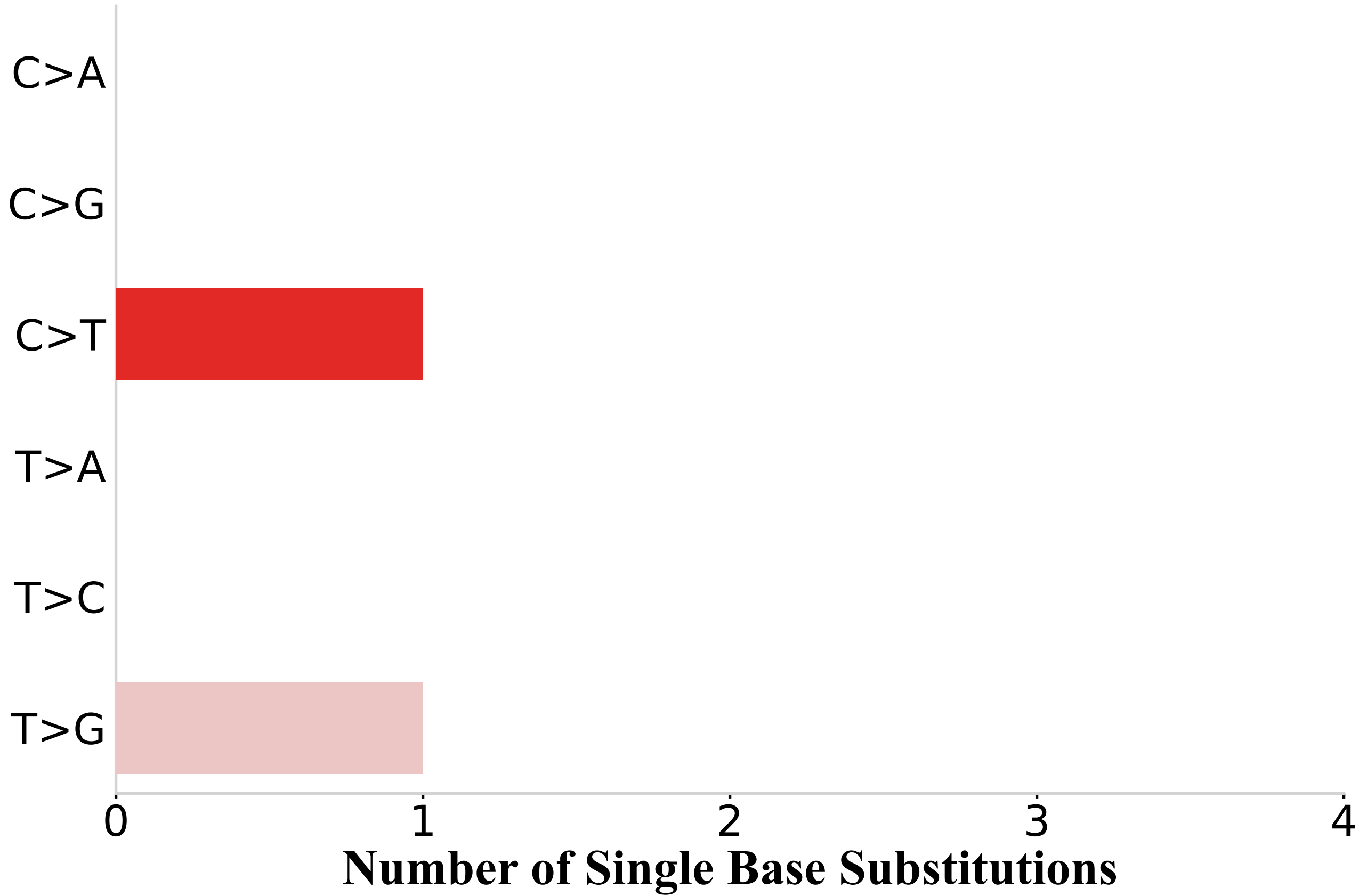
P-0005291-T01-IM5: 1 subs



P-0005345-T01-IM5: 1 subs



P-0005520-T01-IM5: 2 subs



P-0005538-T01-IM5: 0 subs

C>A

C>G

C>T

T>A

T>C

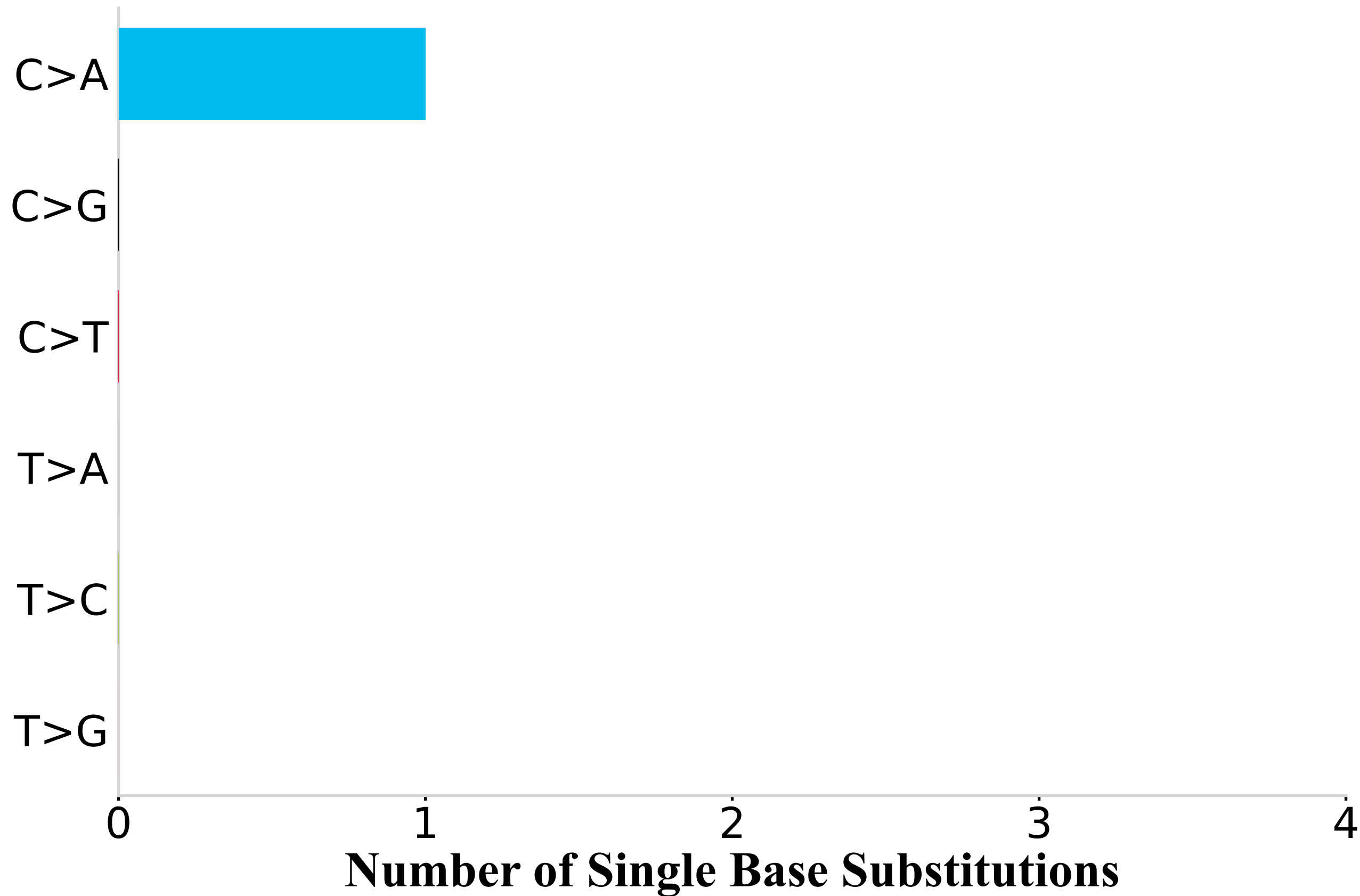
T>G

0

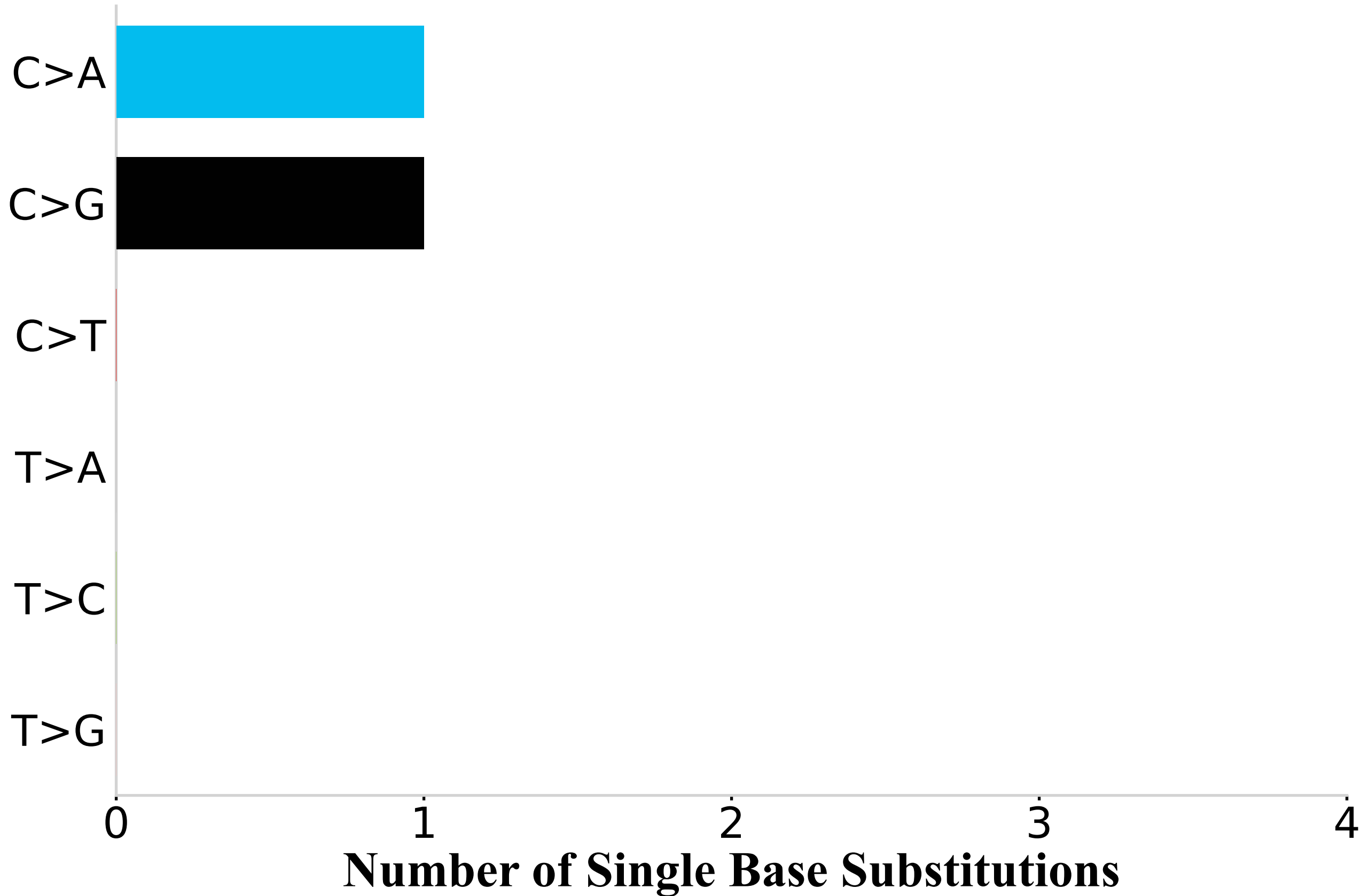
Number of Single Base Substitutions



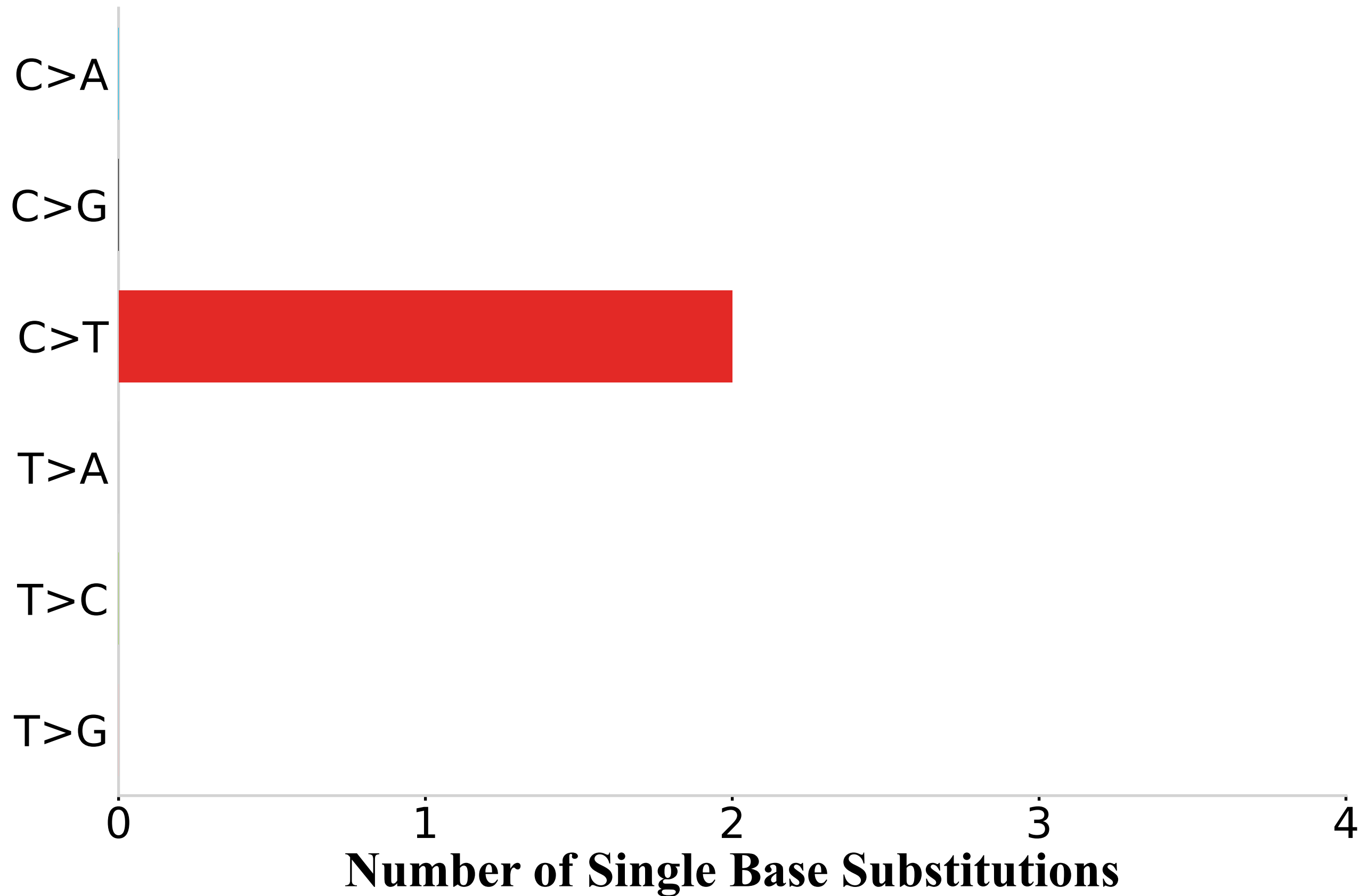
P-0005561-T01-IM5: 1 subs



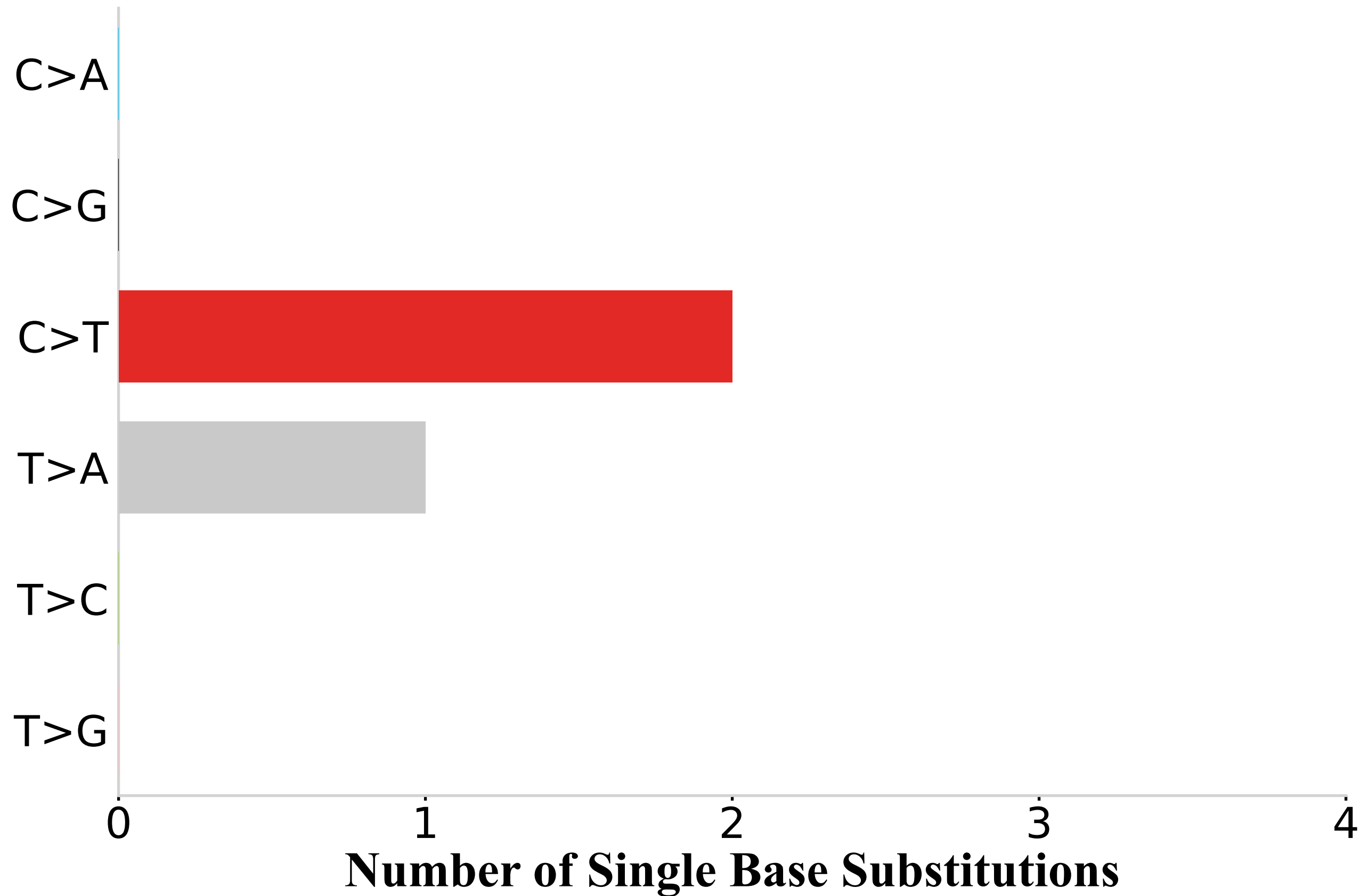
P-0005835-T01-IM5: 2 subs



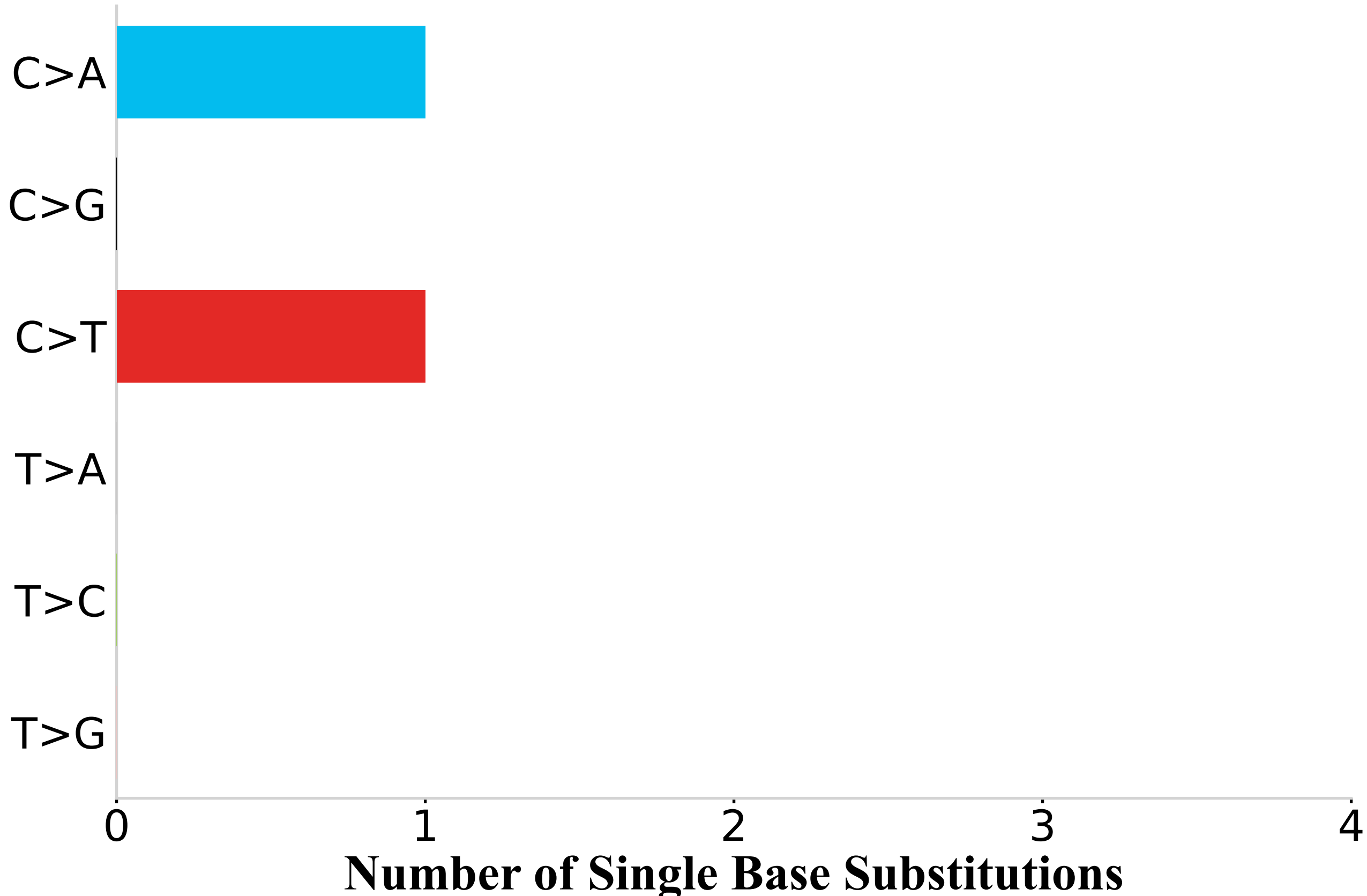
P-0006083-T01-IM5: 2 subs



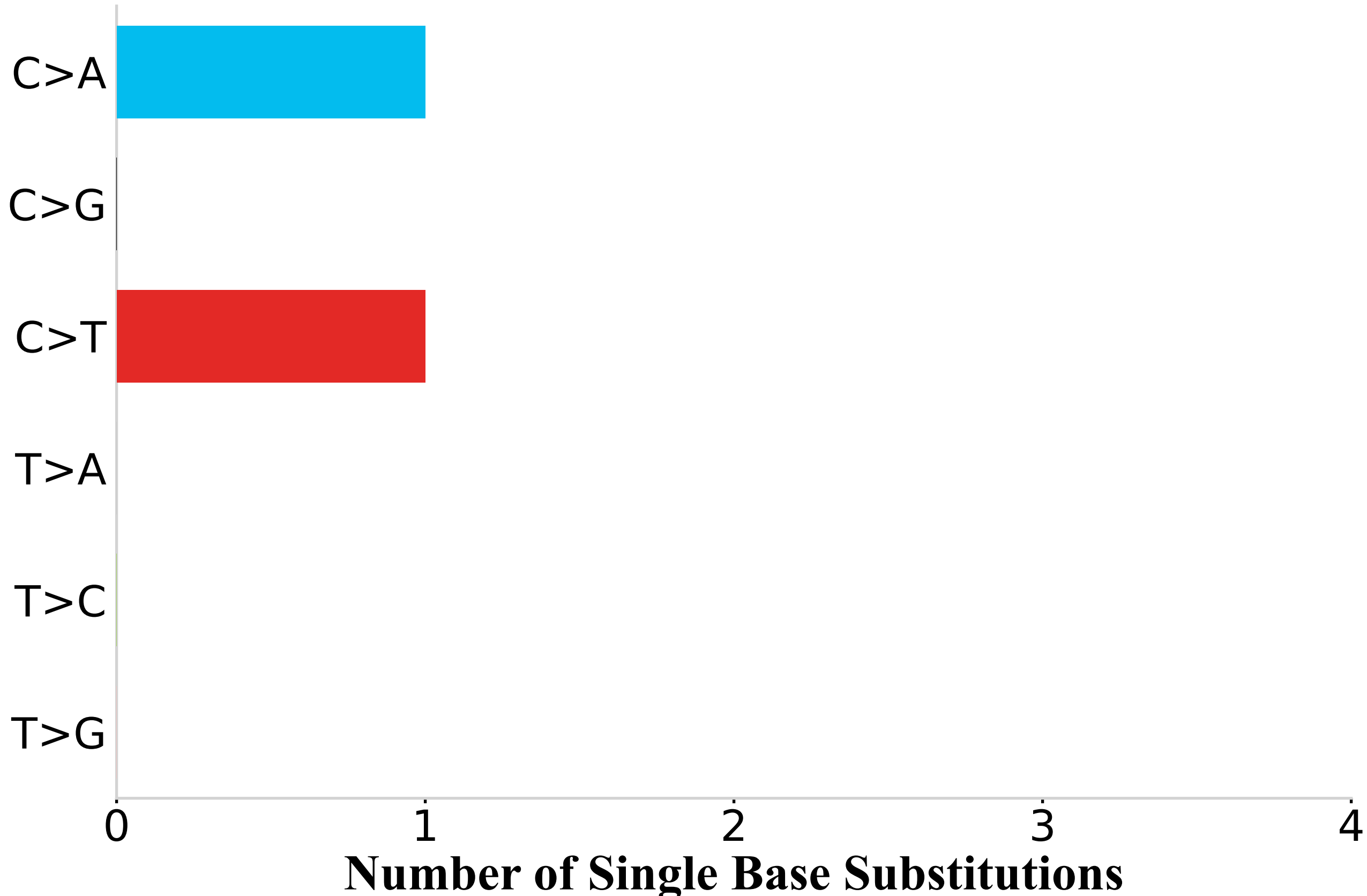
P-0006176-T01-IM5: 3 subs



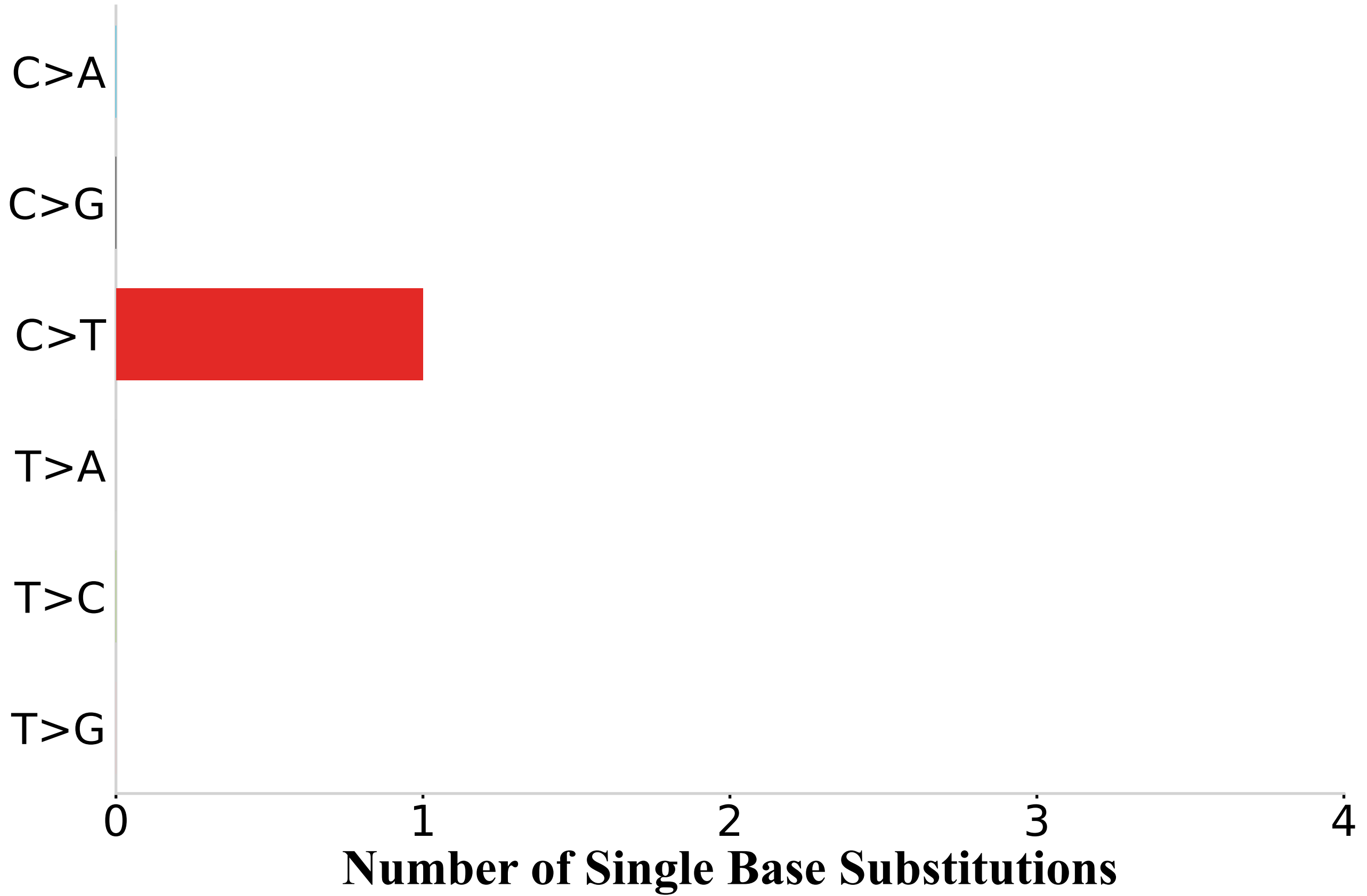
P-0006235-T01-IM5: 2 subs



P-0006242-T01-IM5: 2 subs



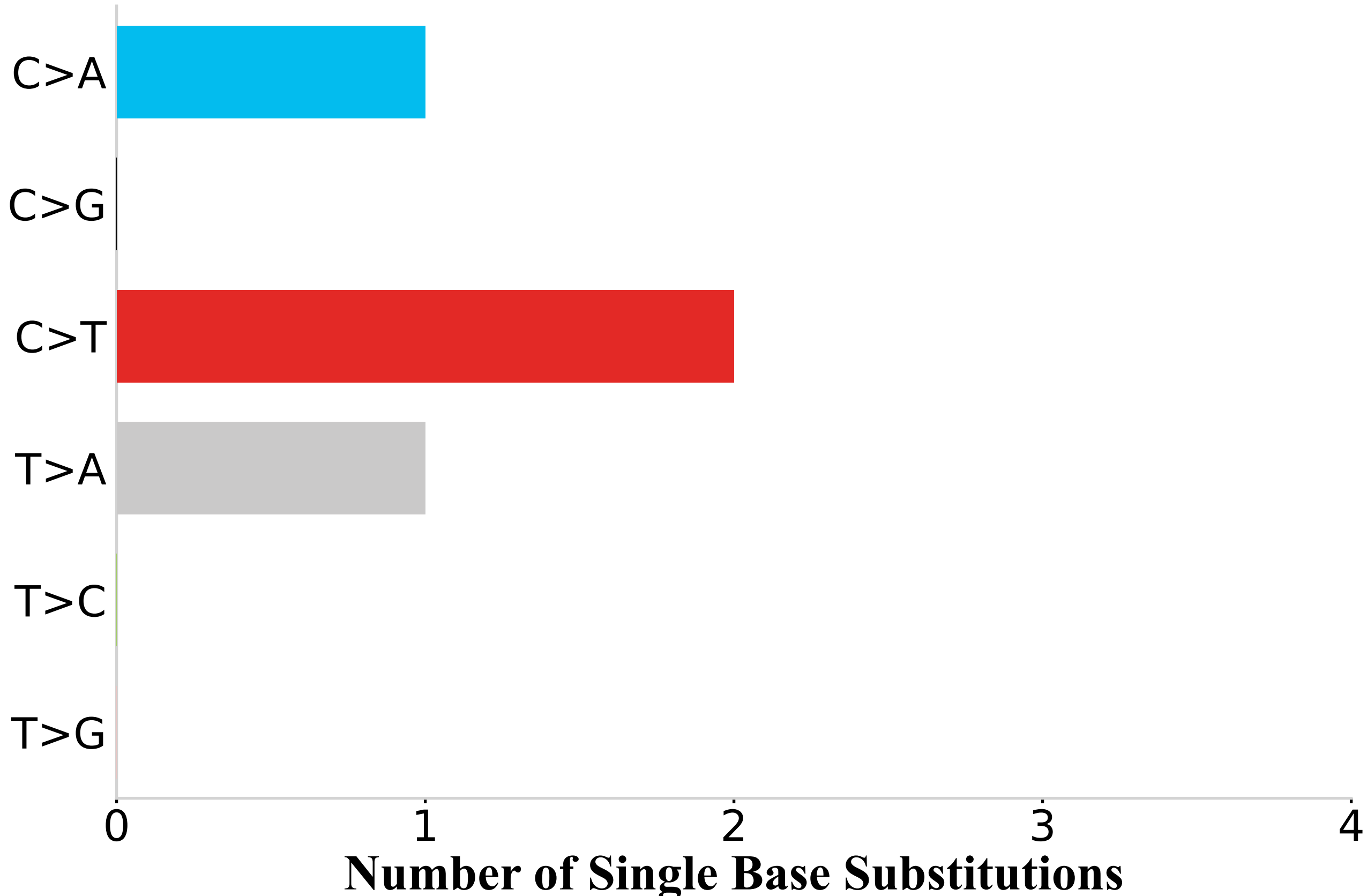
P-0006244-T01-IM5: 1 subs



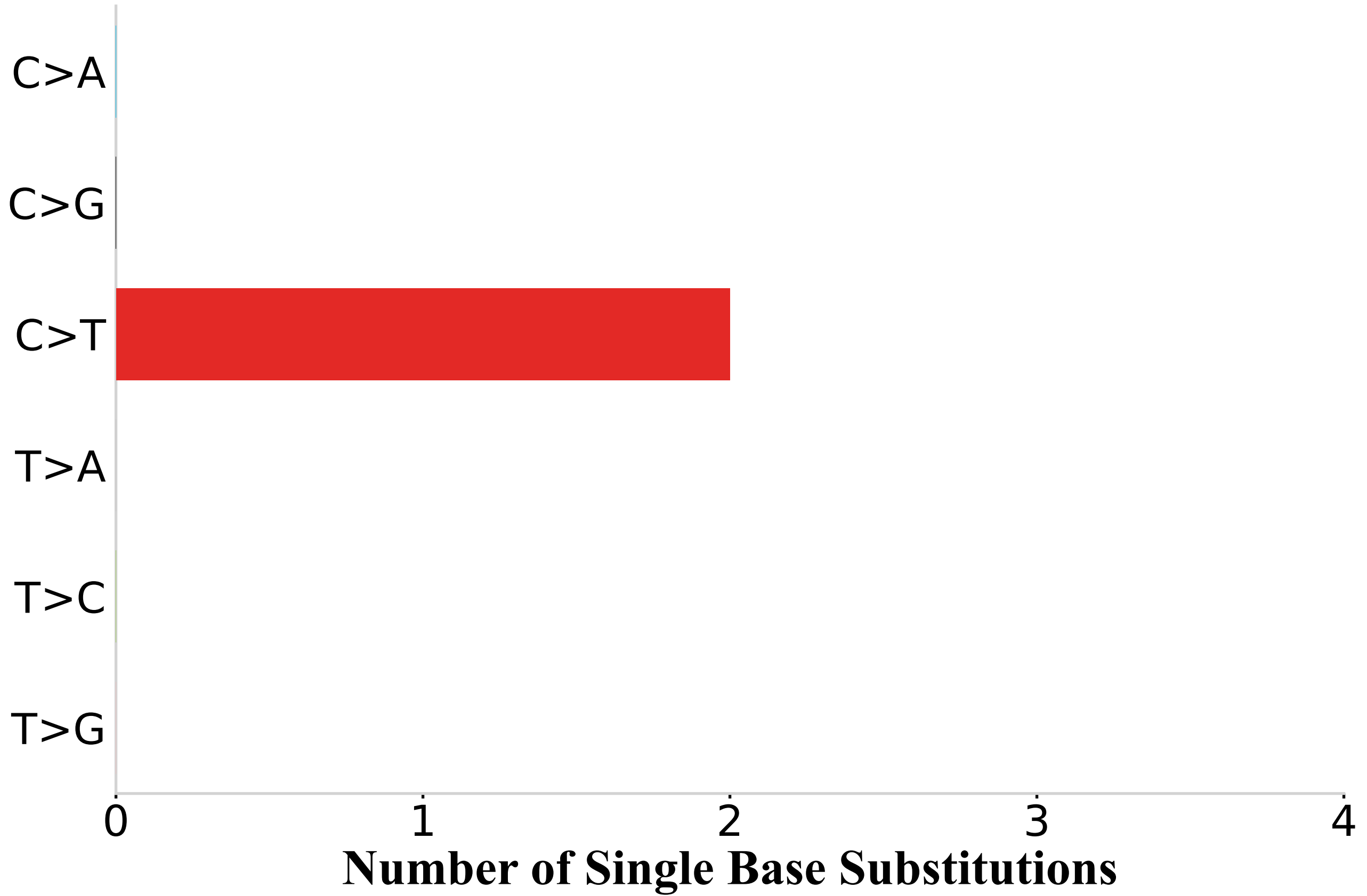
P-0006328-T01-IM5: 1 subs



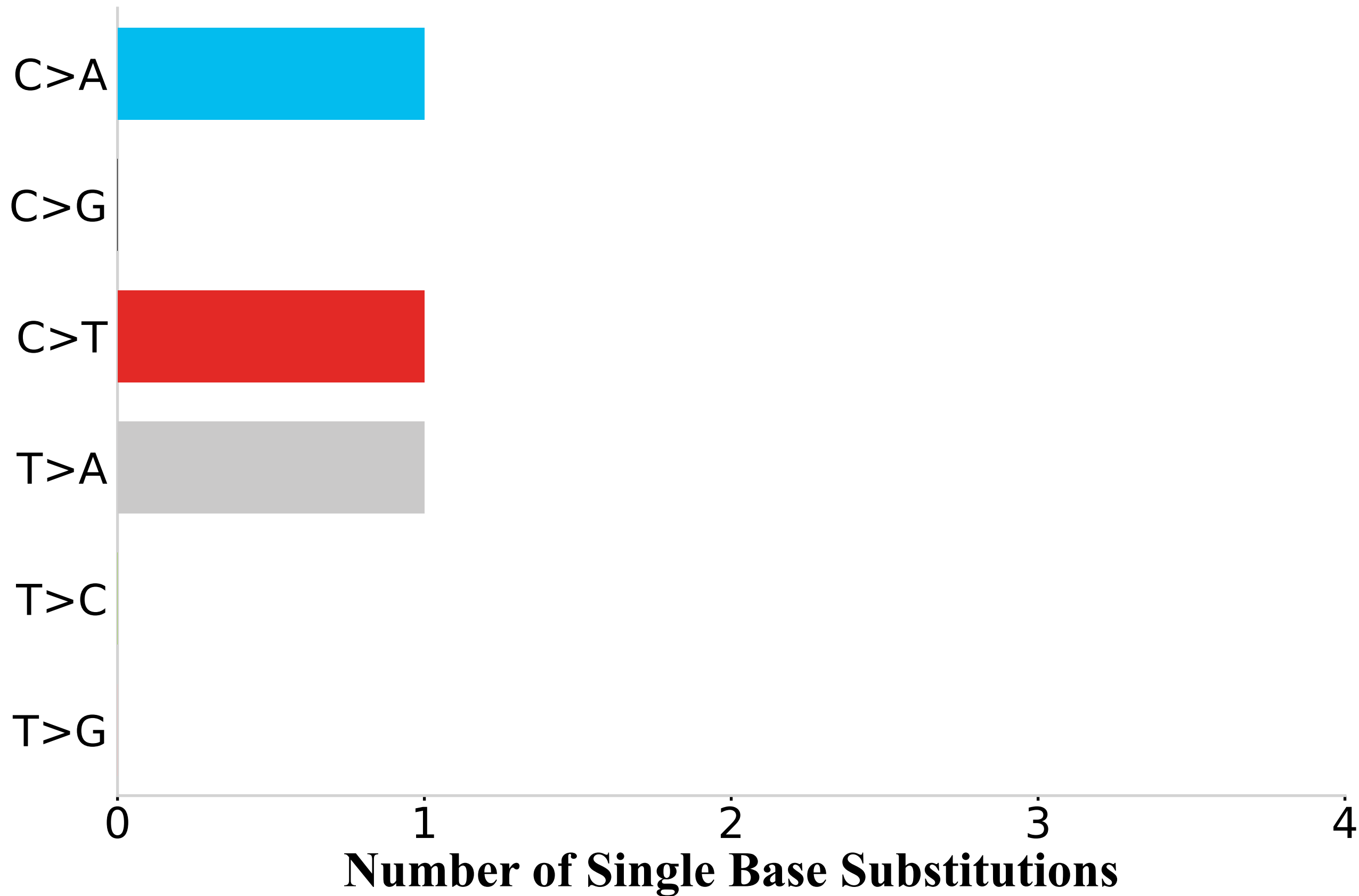
P-0006353-T01-IM5: 4 subs



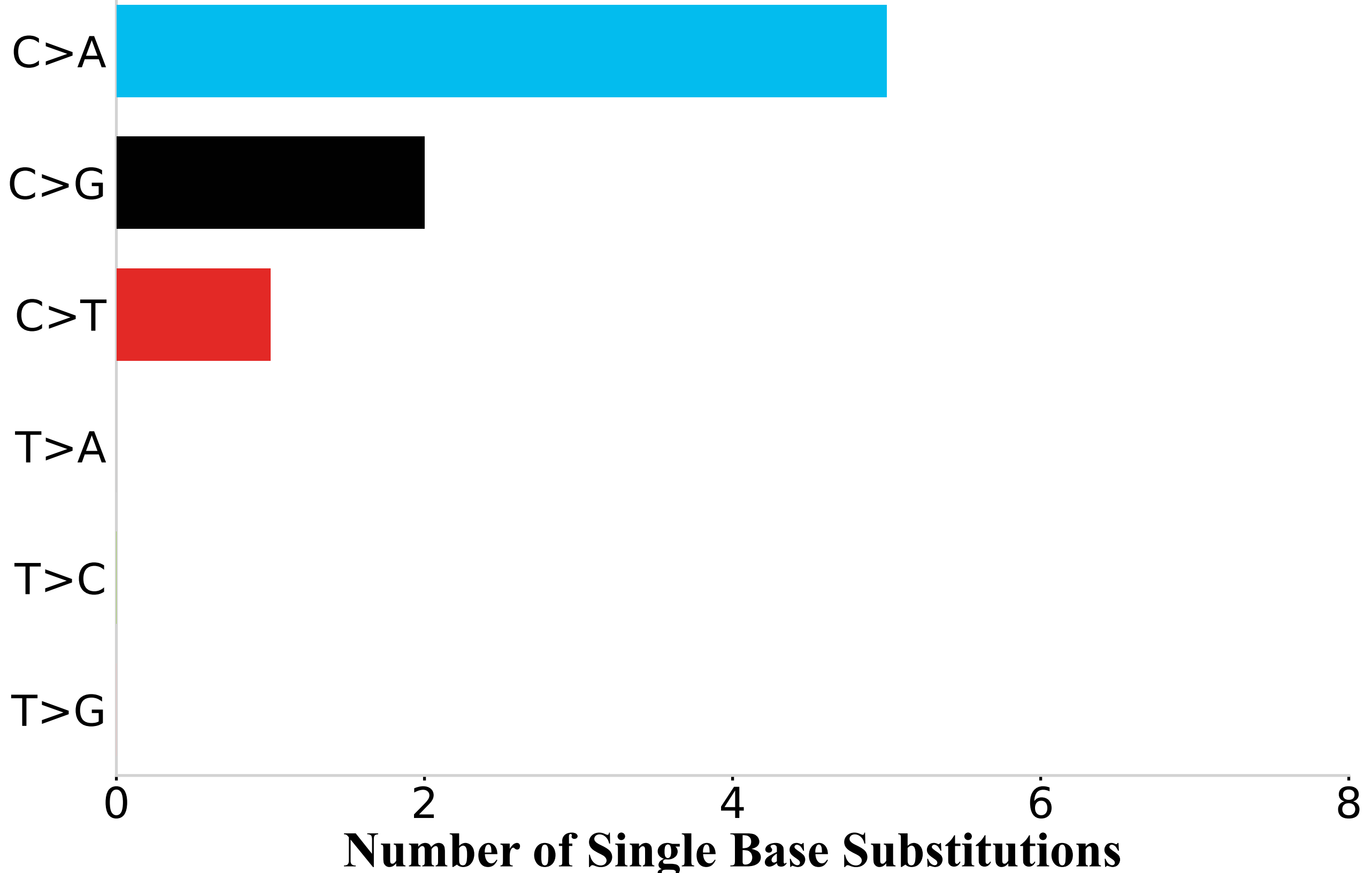
P-0006450-T02-IM5: 2 subs



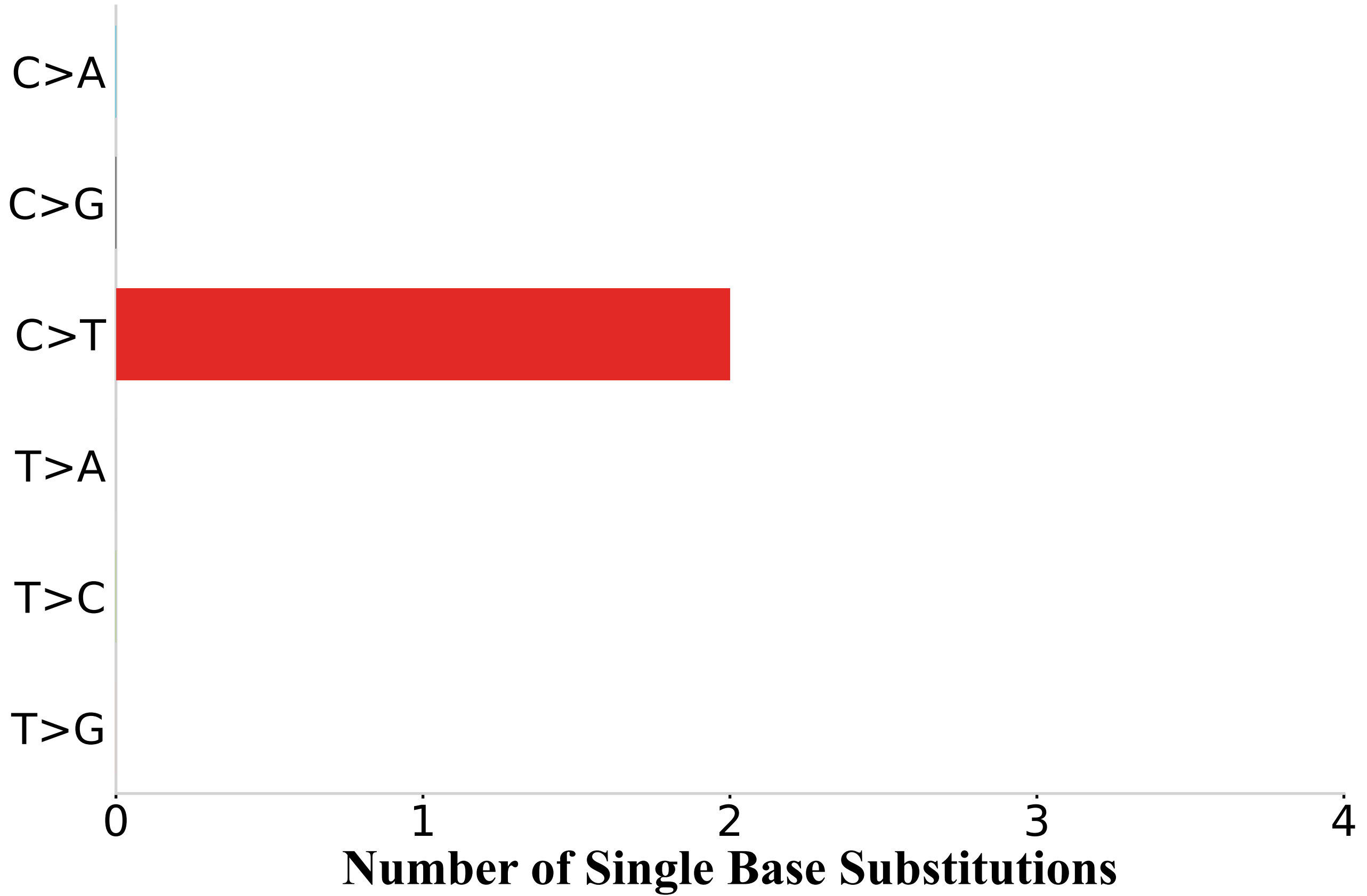
P-0006553-T01-IM5: 3 subs



P-0006583-T01-IM5: 8 subs



P-0006795-T01-IM5: 2 subs



P-0006871-T01-IM5: 1 subs



P-0006885-T01-IM5: 0 subs

C>A

C>G

C>T

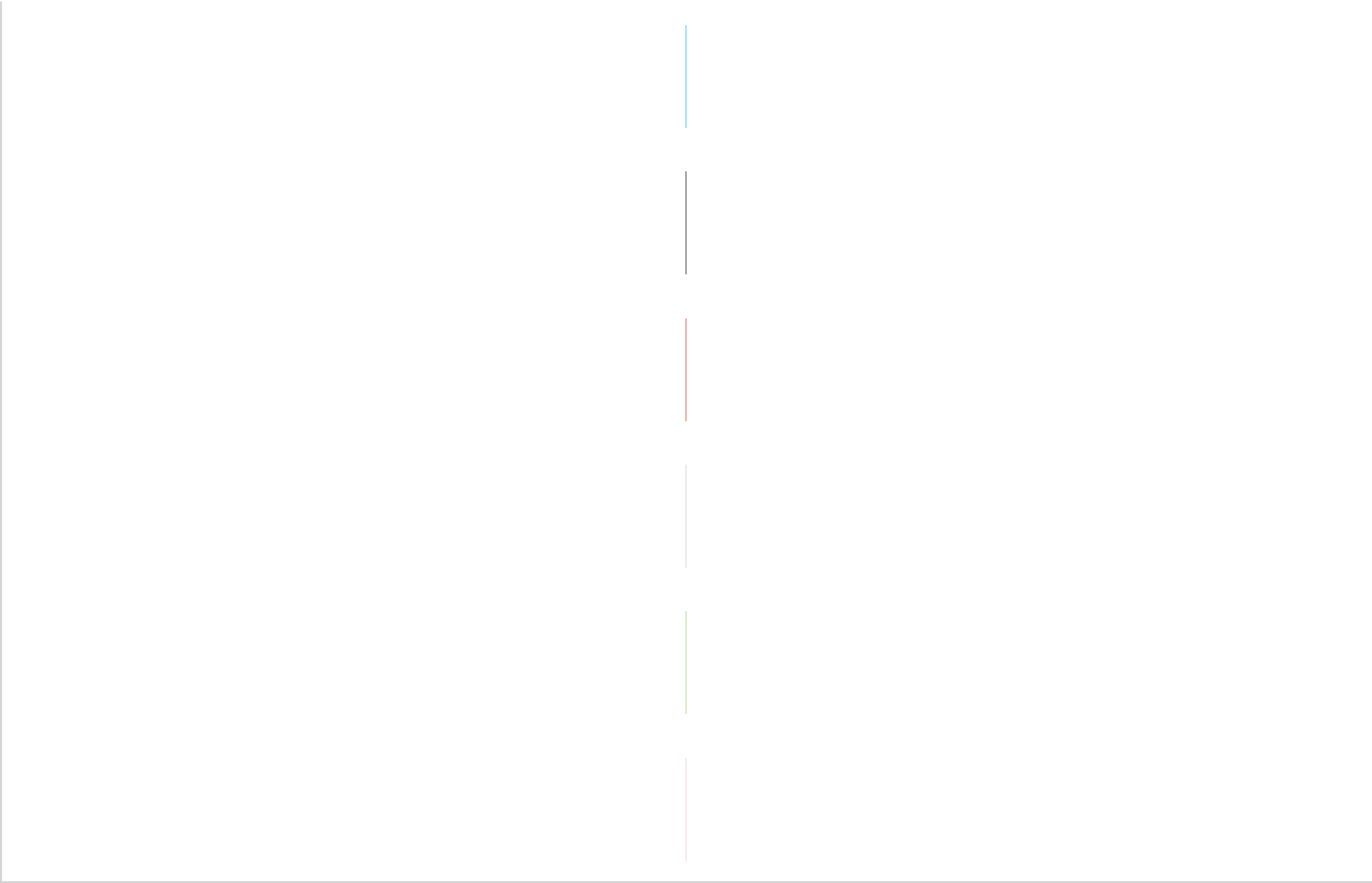
T>A

T>C

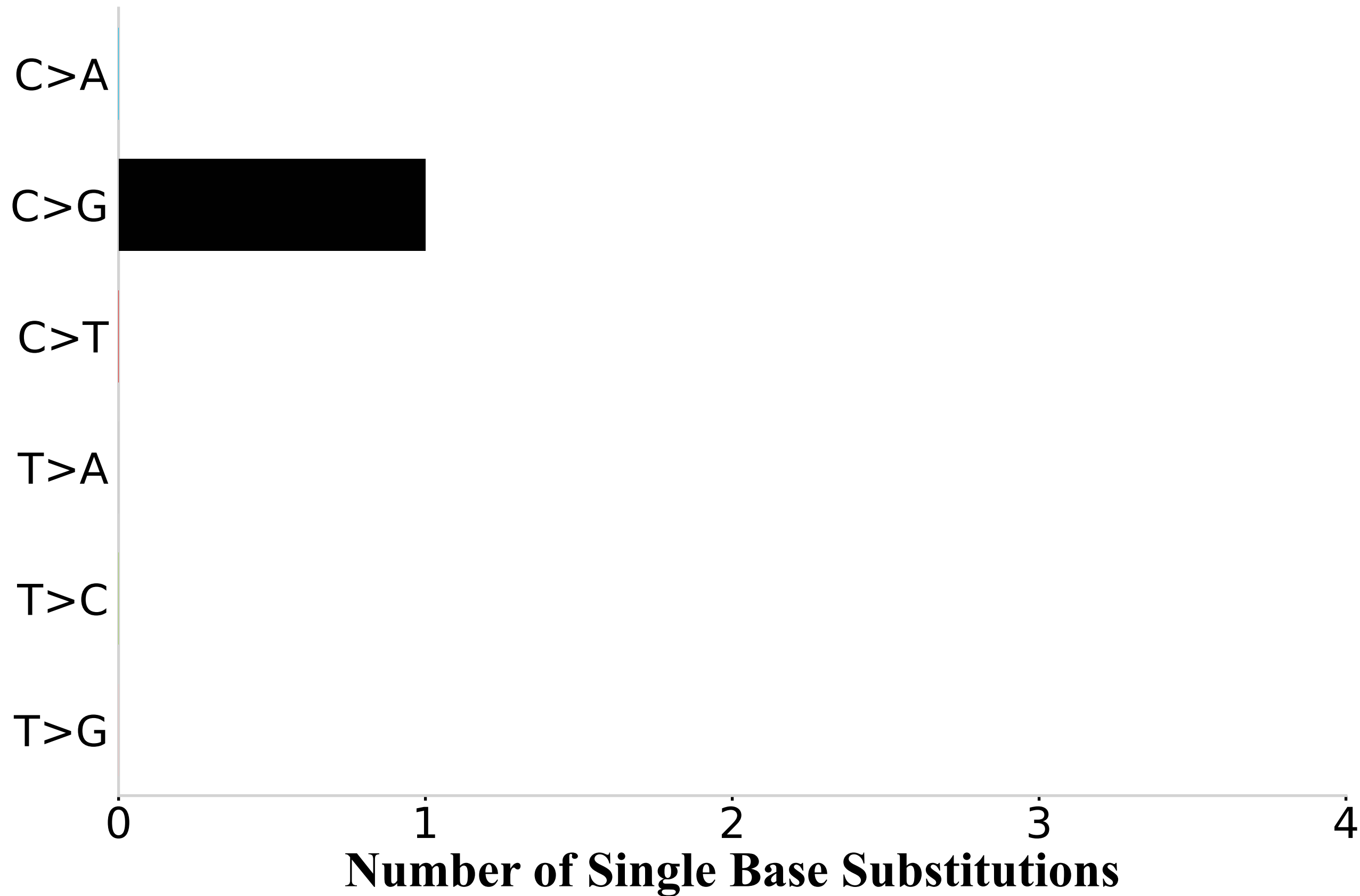
T>G

0

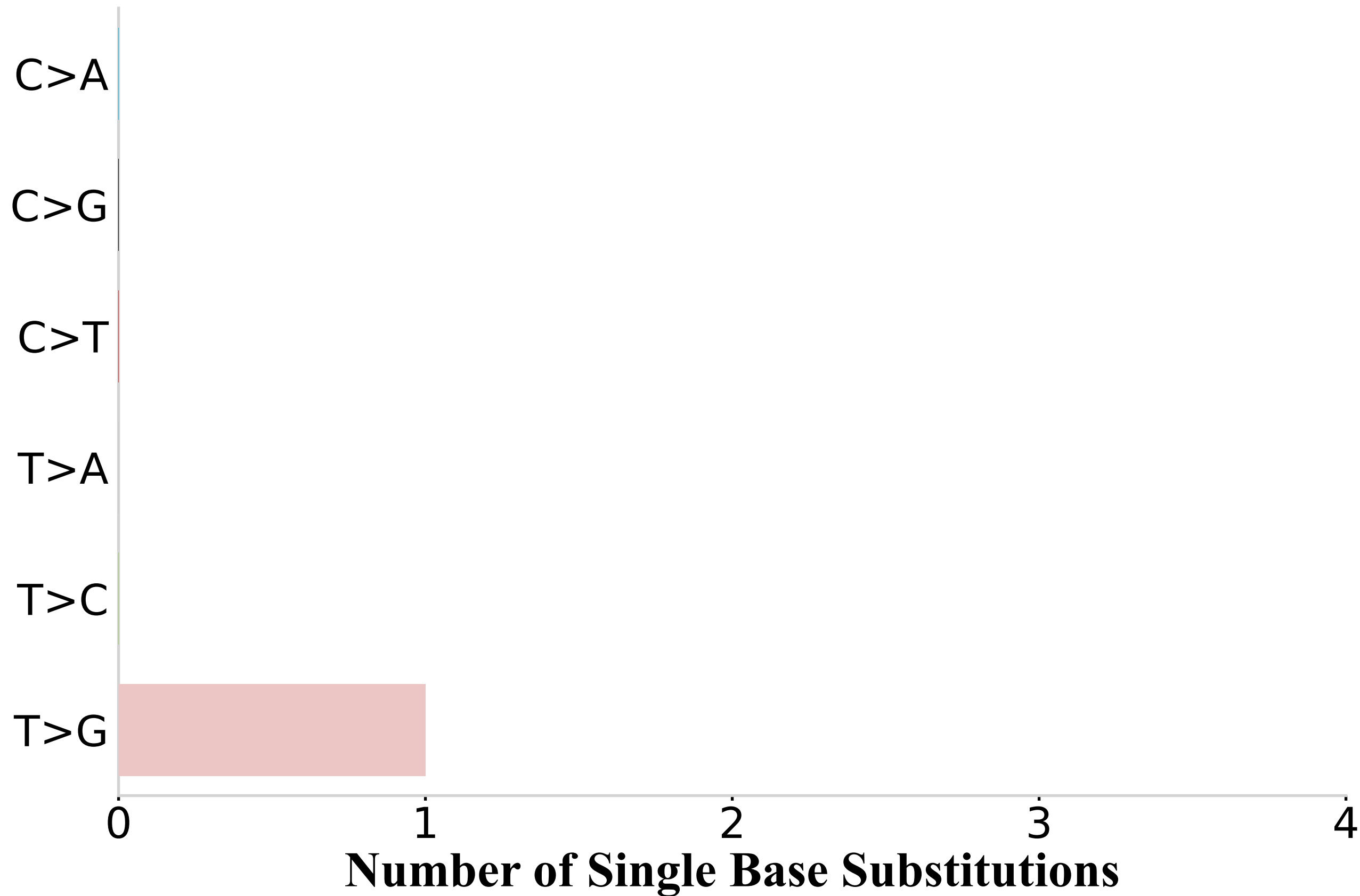
Number of Single Base Substitutions



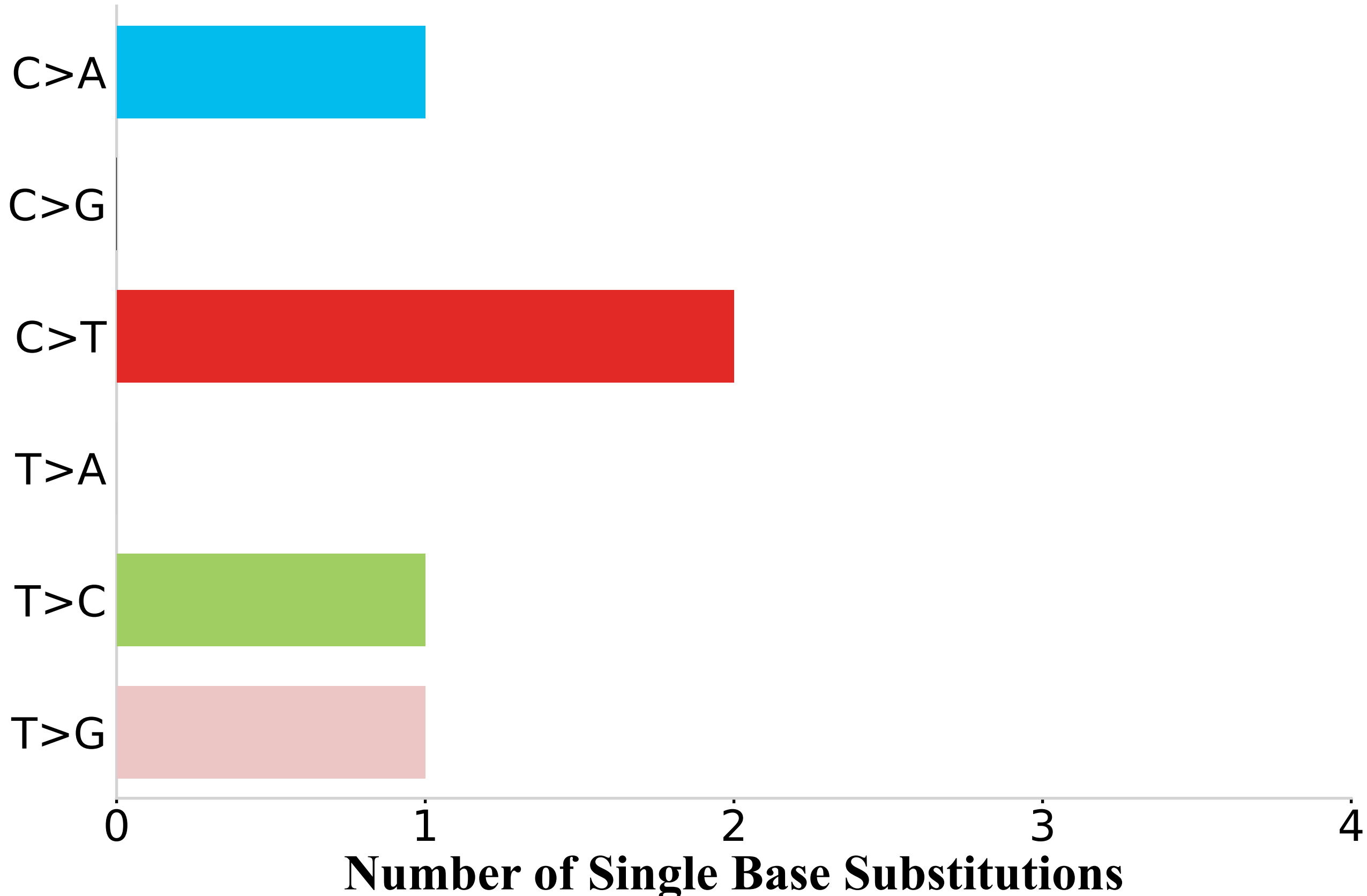
P-0006903-T01-IM5: 1 subs



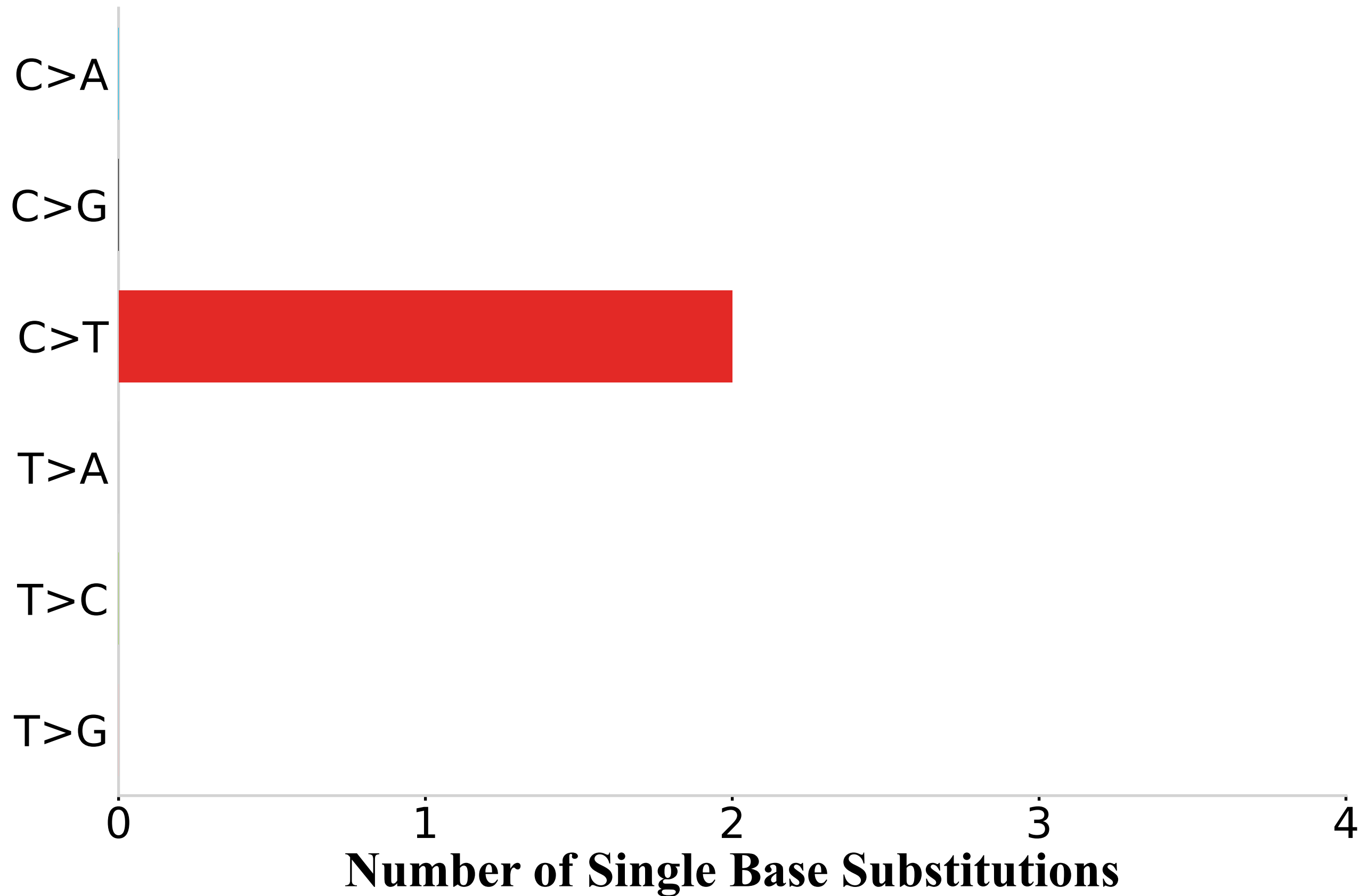
P-0007016-T01-IM5: 1 subs



P-0007041-T01-IM5: 5 subs



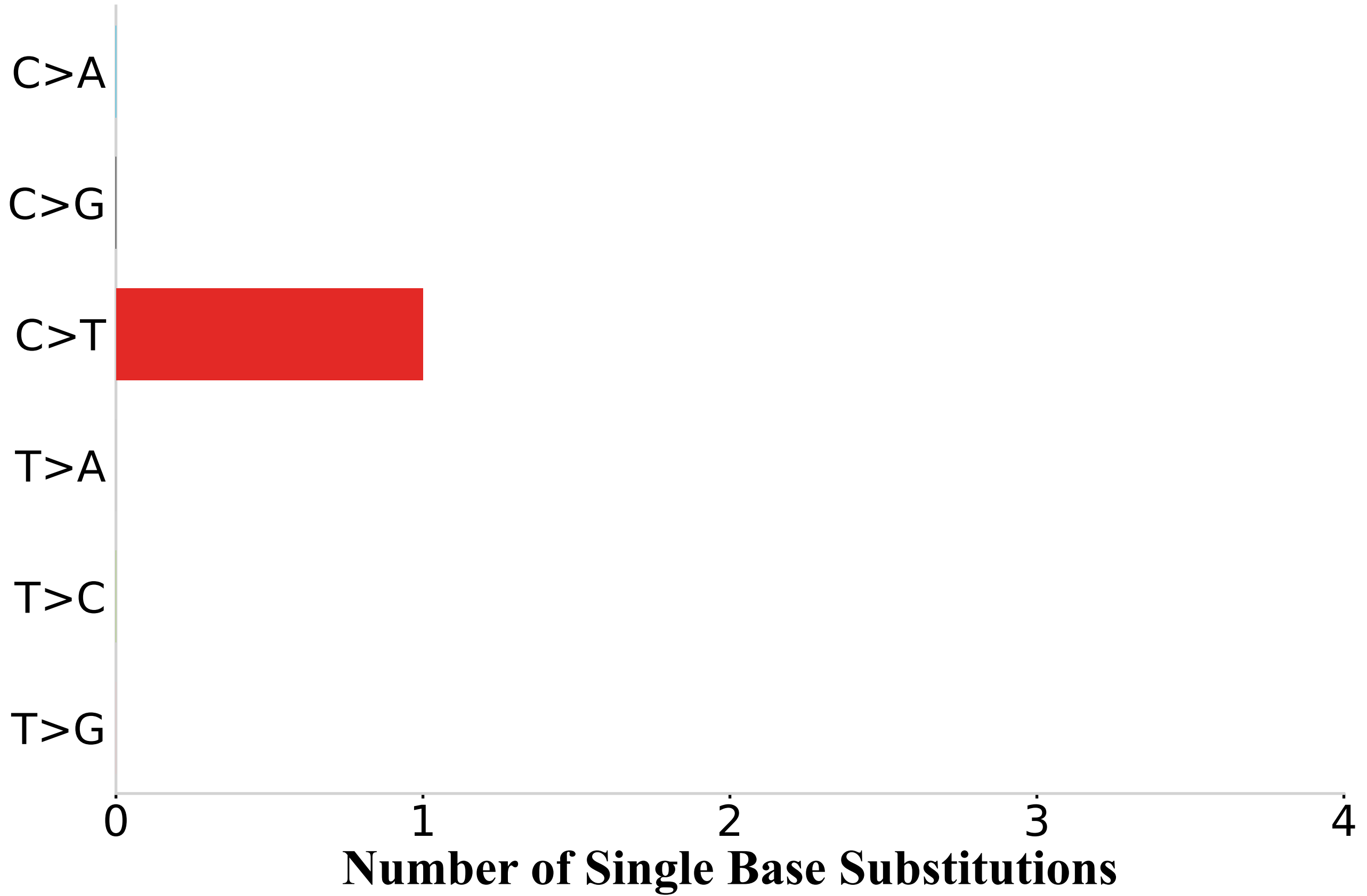
P-0007107-T01-IM5: 2 subs



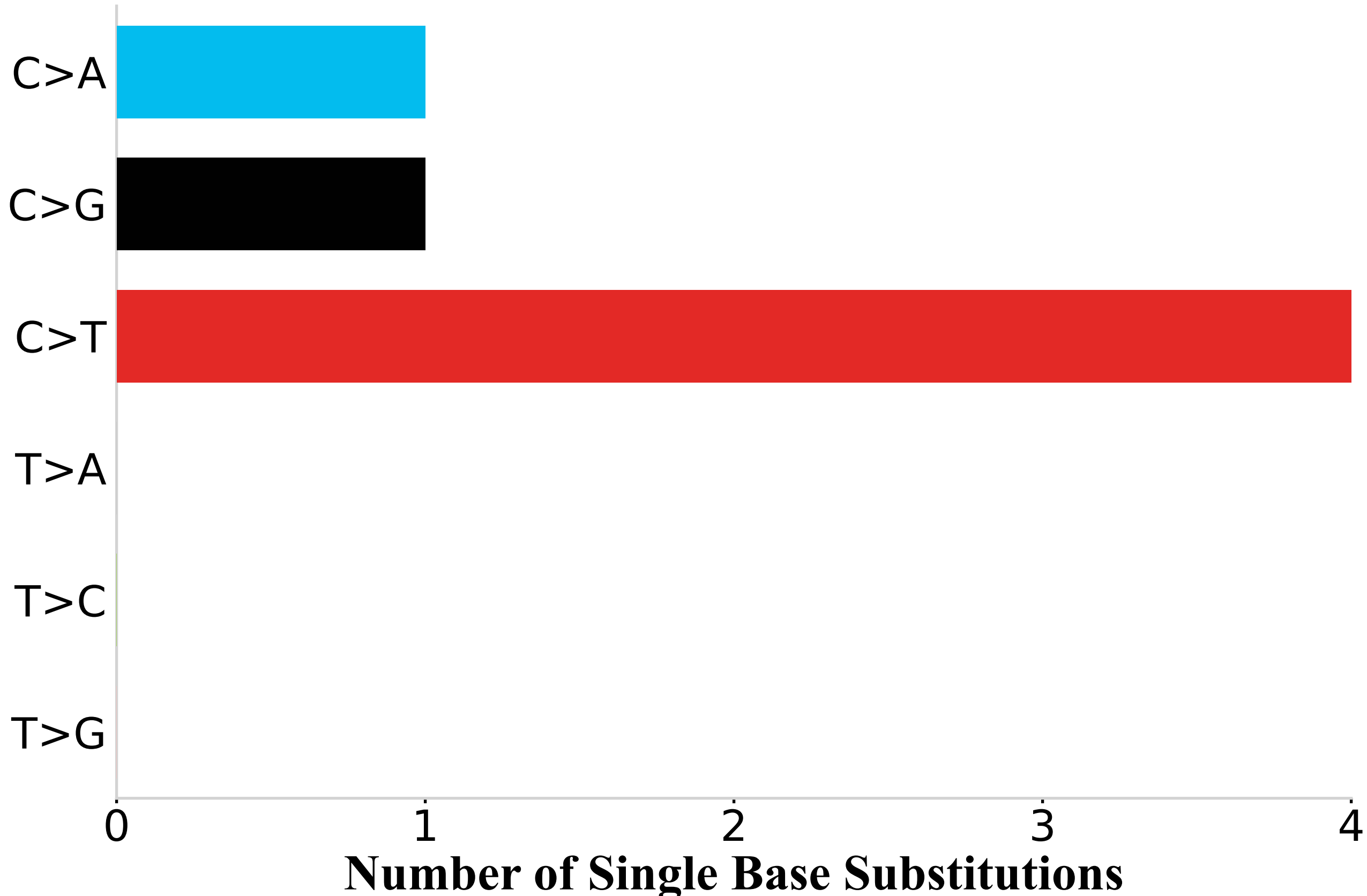
P-0007205-T01-IM5: 1 subs



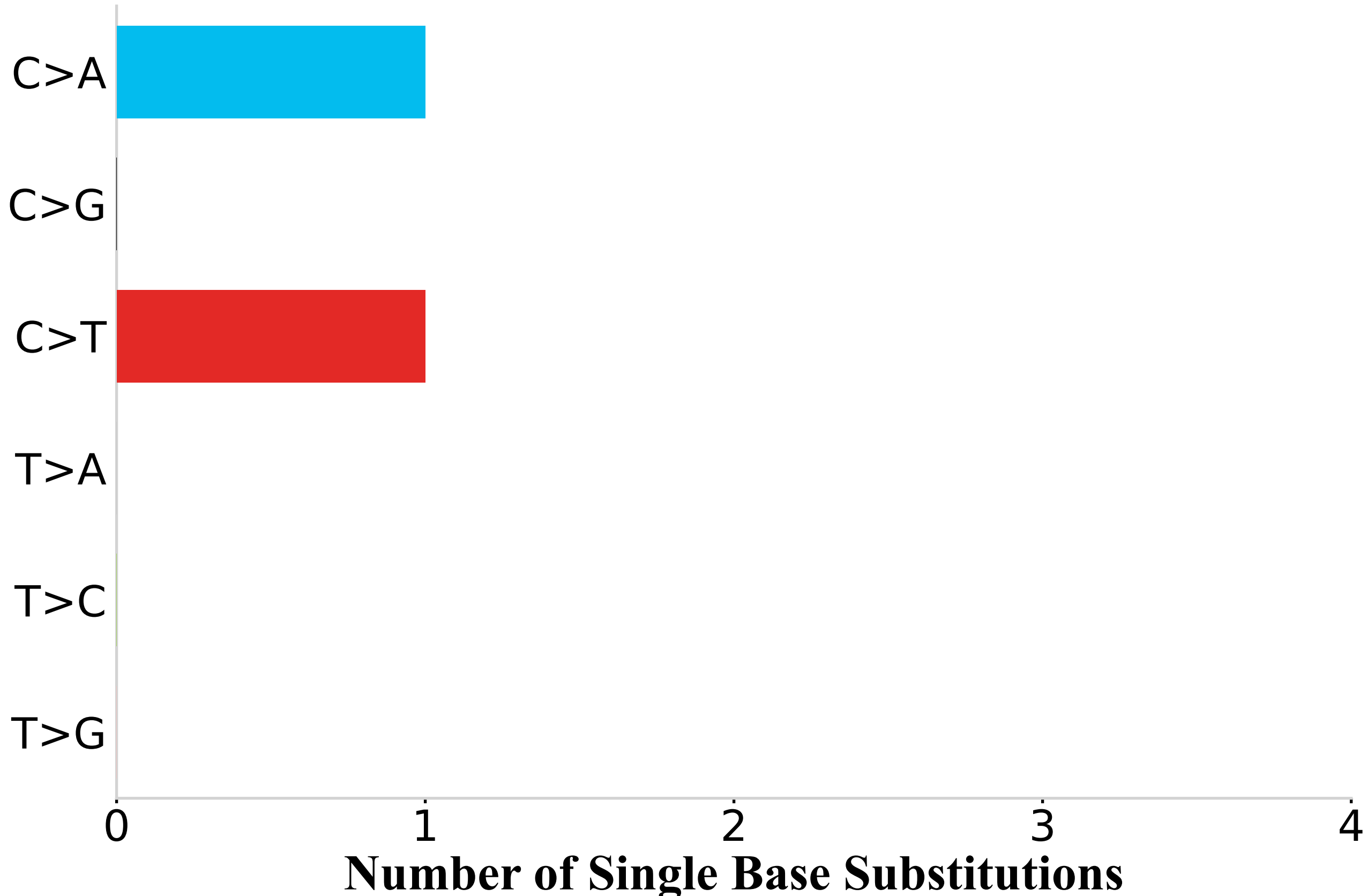
P-0007213-T01-IM5: 1 subs



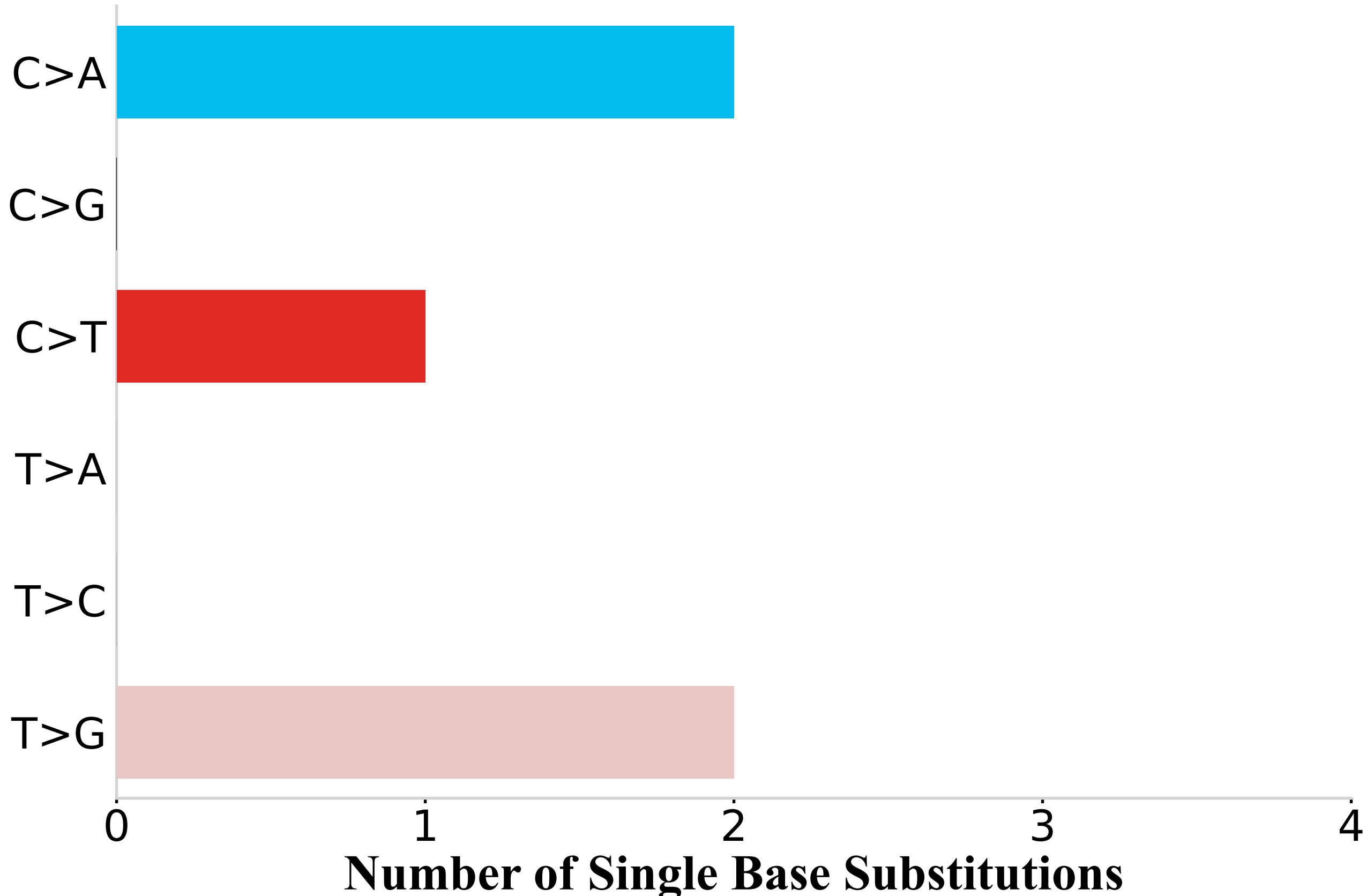
P-0007275-T01-IM5: 6 subs



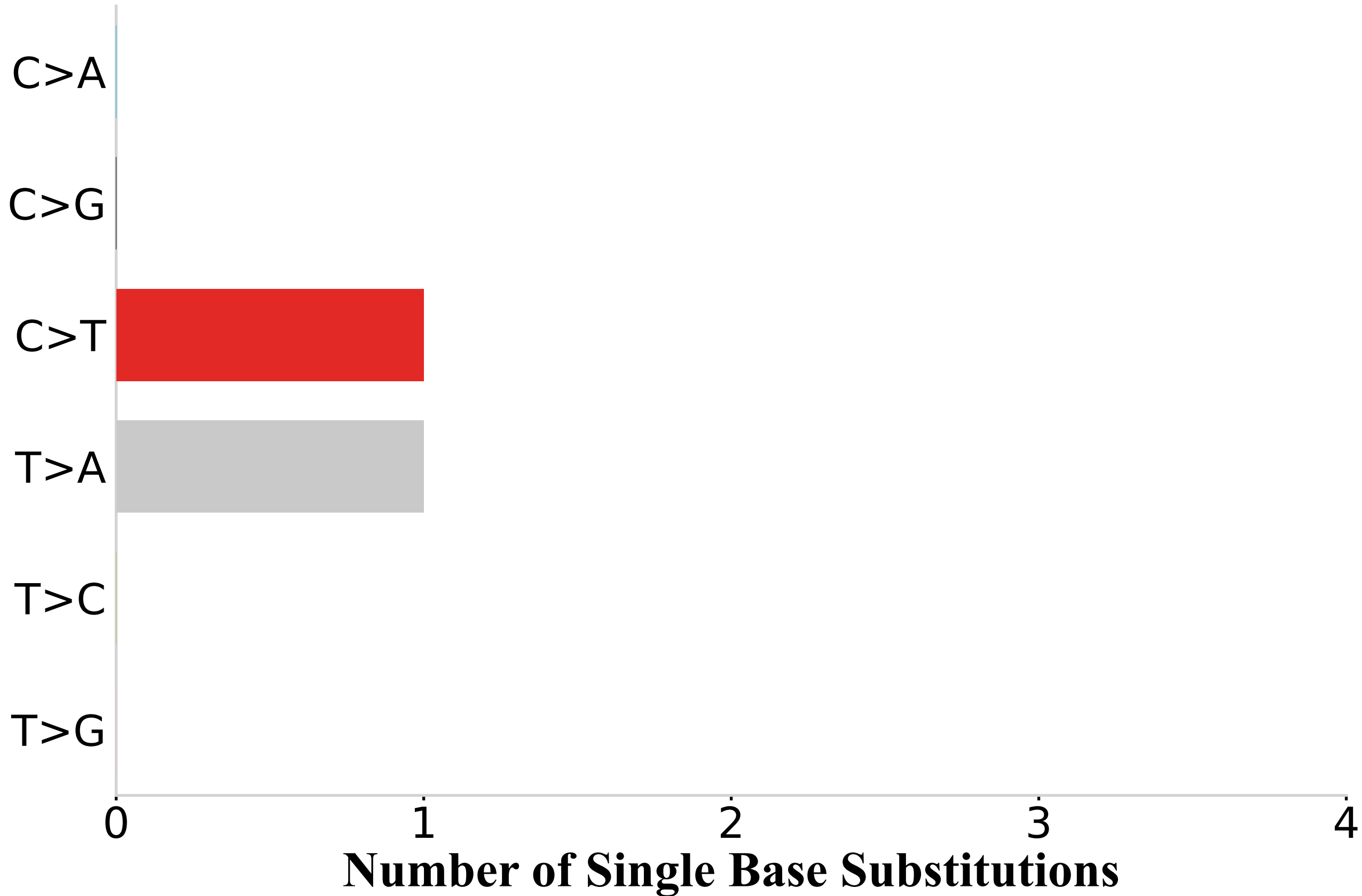
P-0007417-T01-IM5: 2 subs



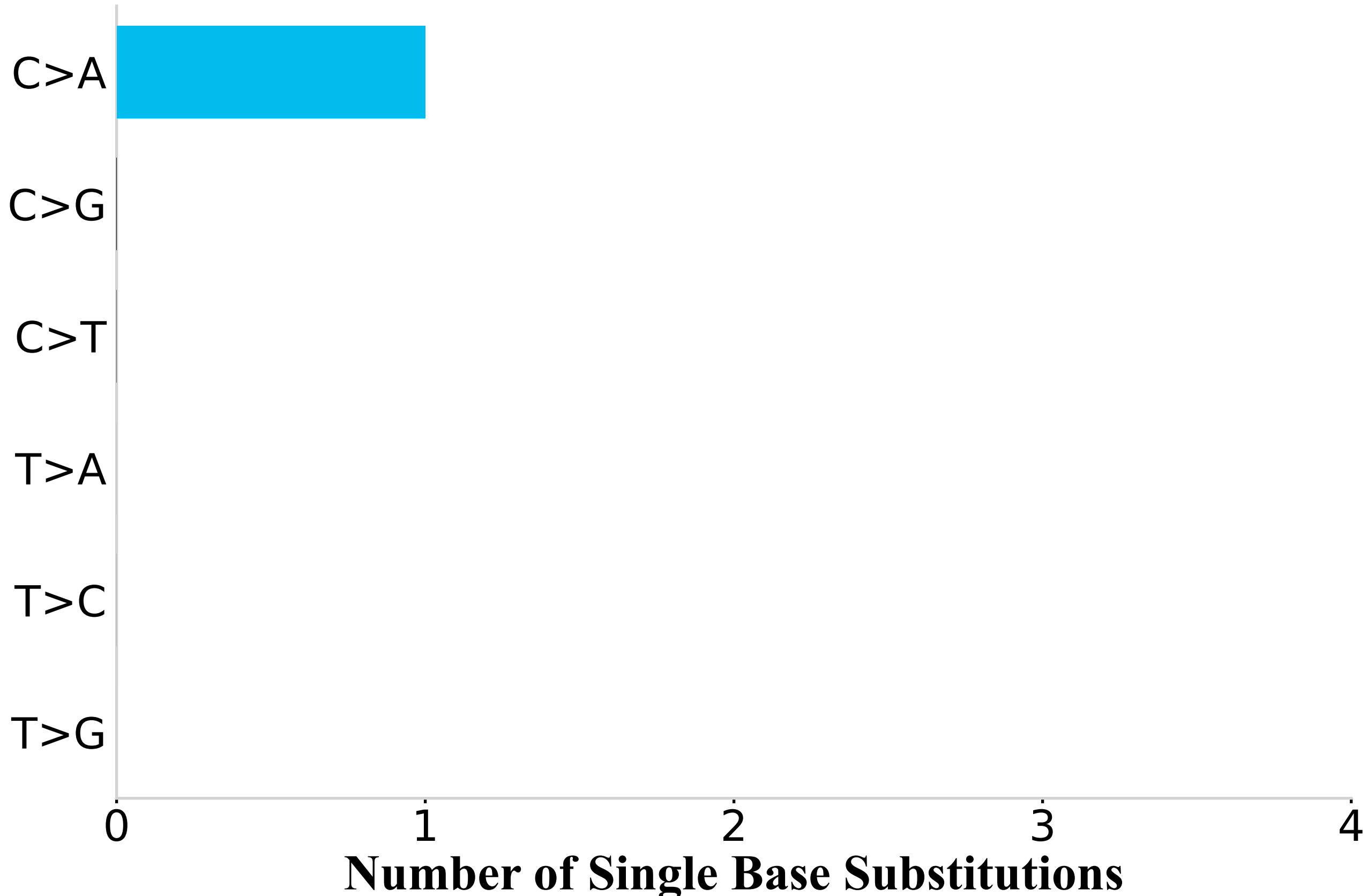
P-0007426-T01-IM5: 5 subs



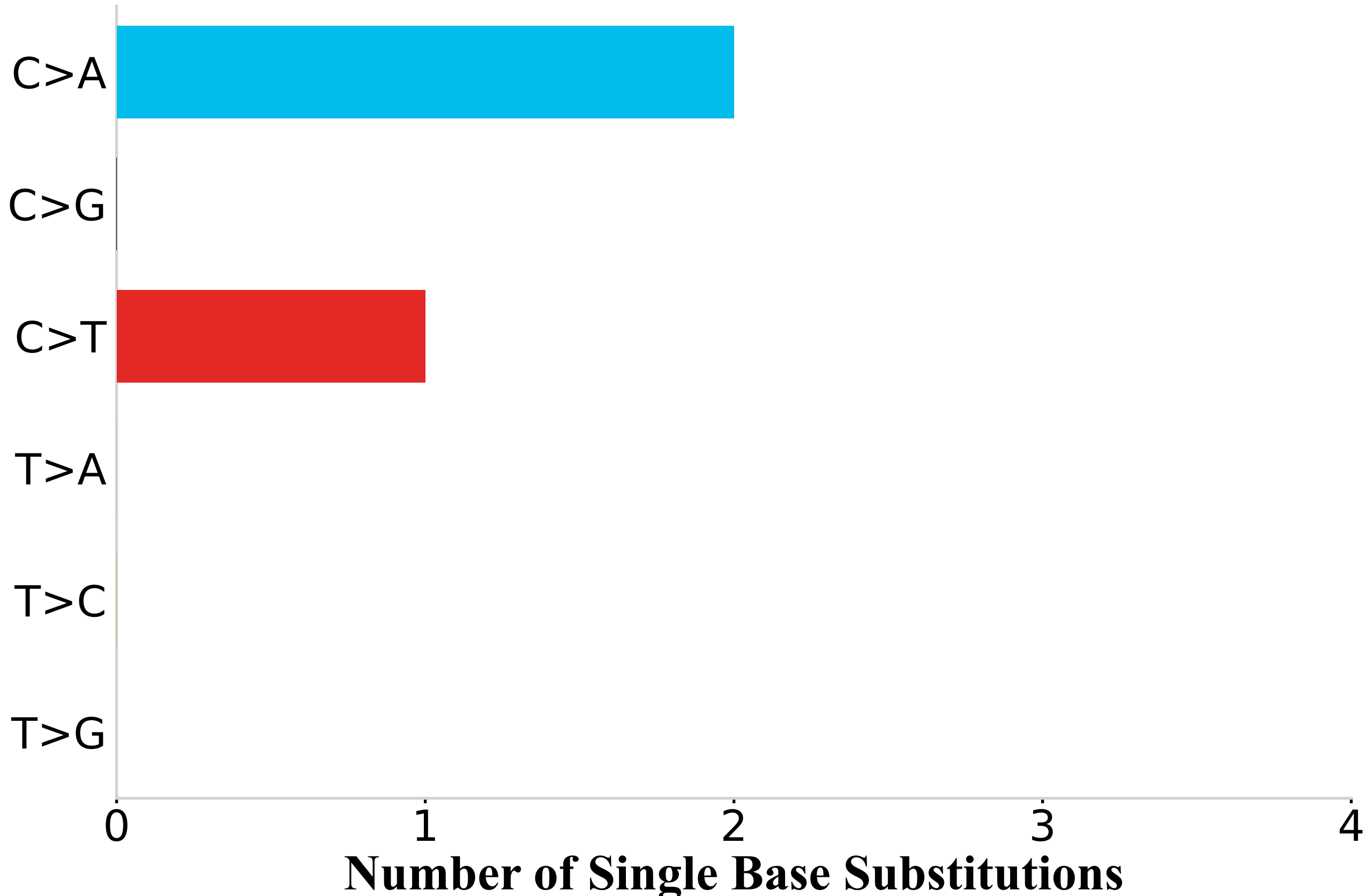
P-0007510-T01-IM5: 2 subs



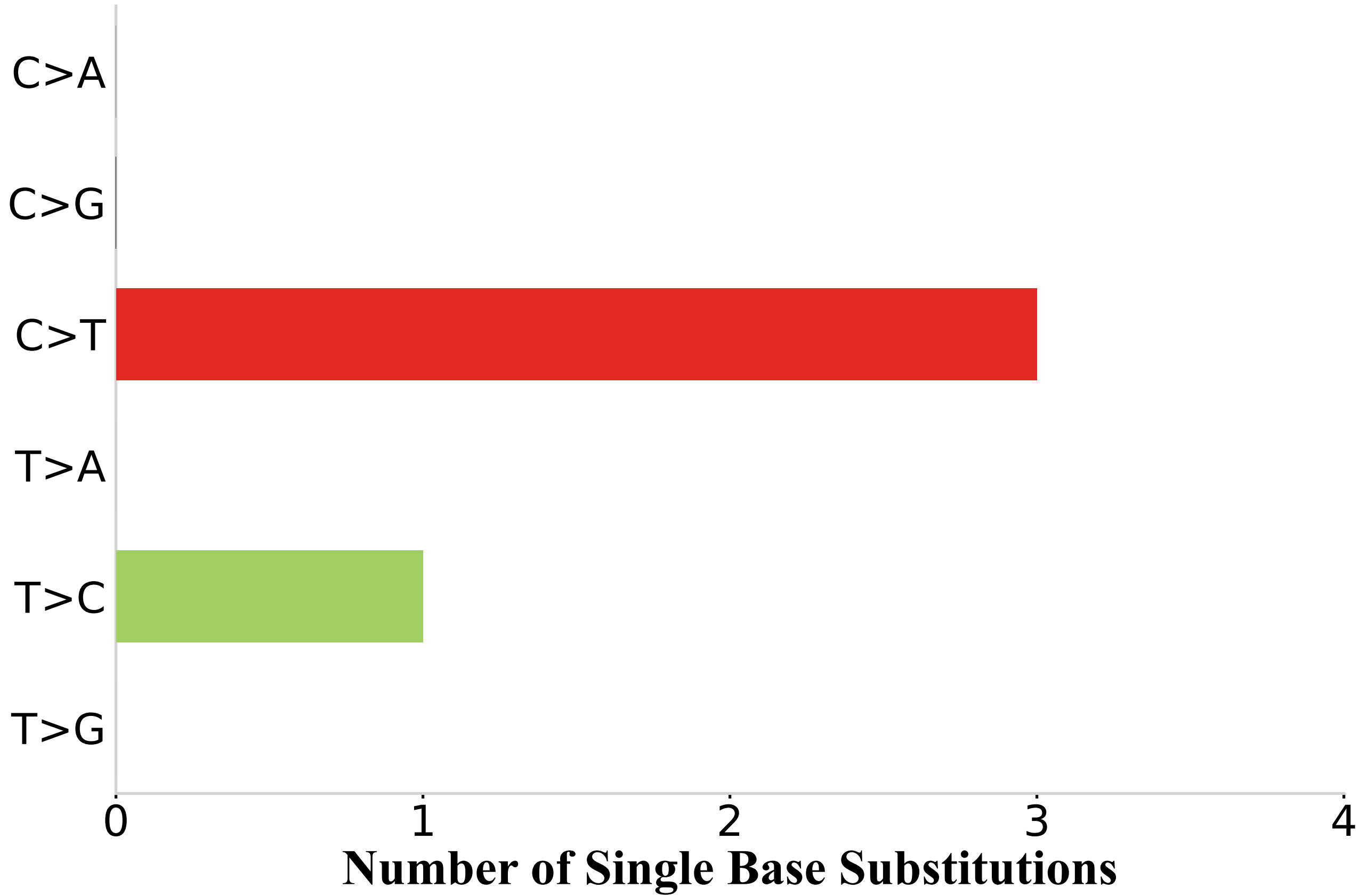
P-0007520-T01-IM5: 1 subs



P-0007599-T01-IM5: 3 subs



P-0007668-T01-IM5: 4 subs



P-0007782-T01-IM5: 0 subs

C>A

C>G

C>T

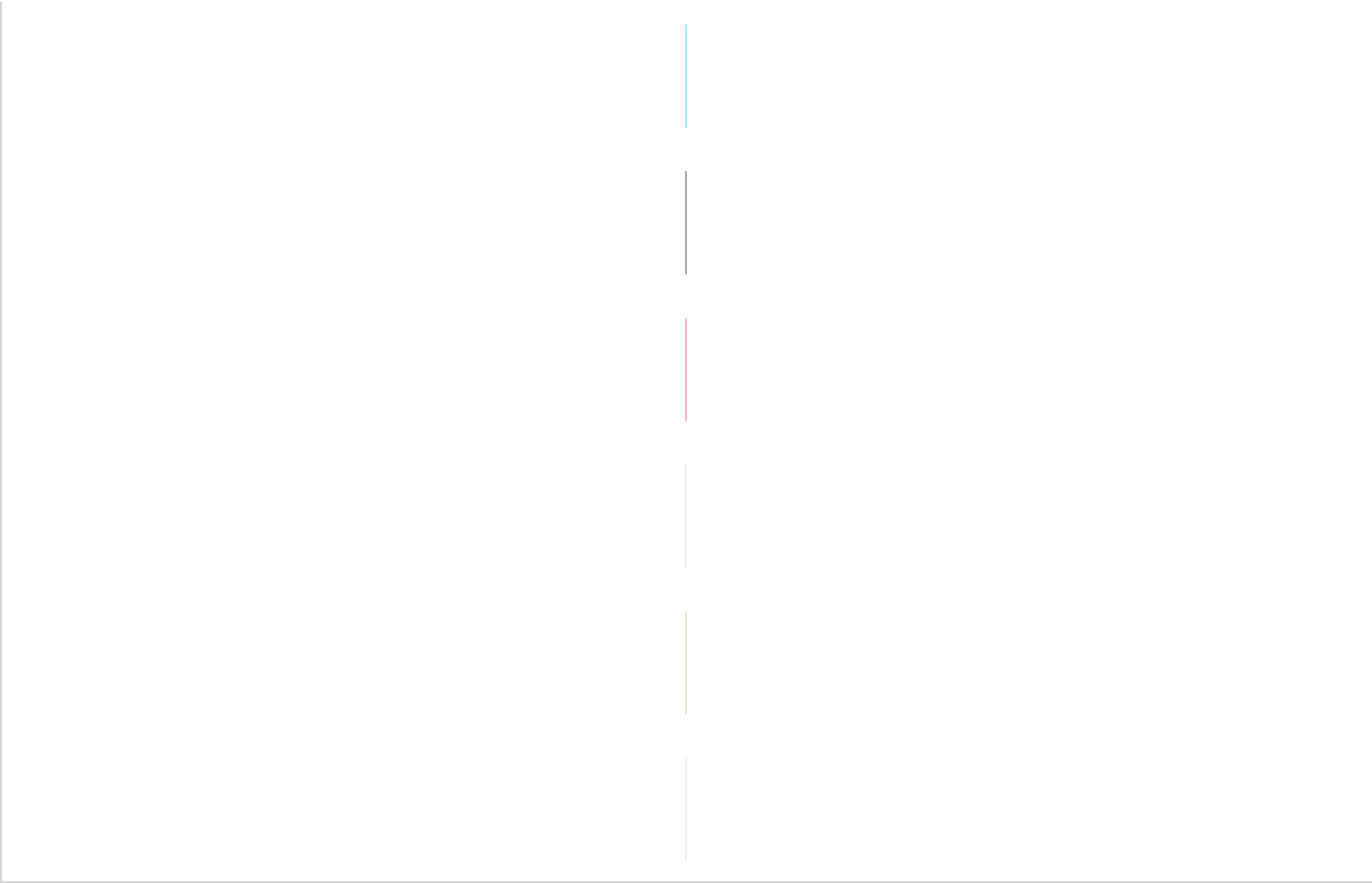
T>A

T>C

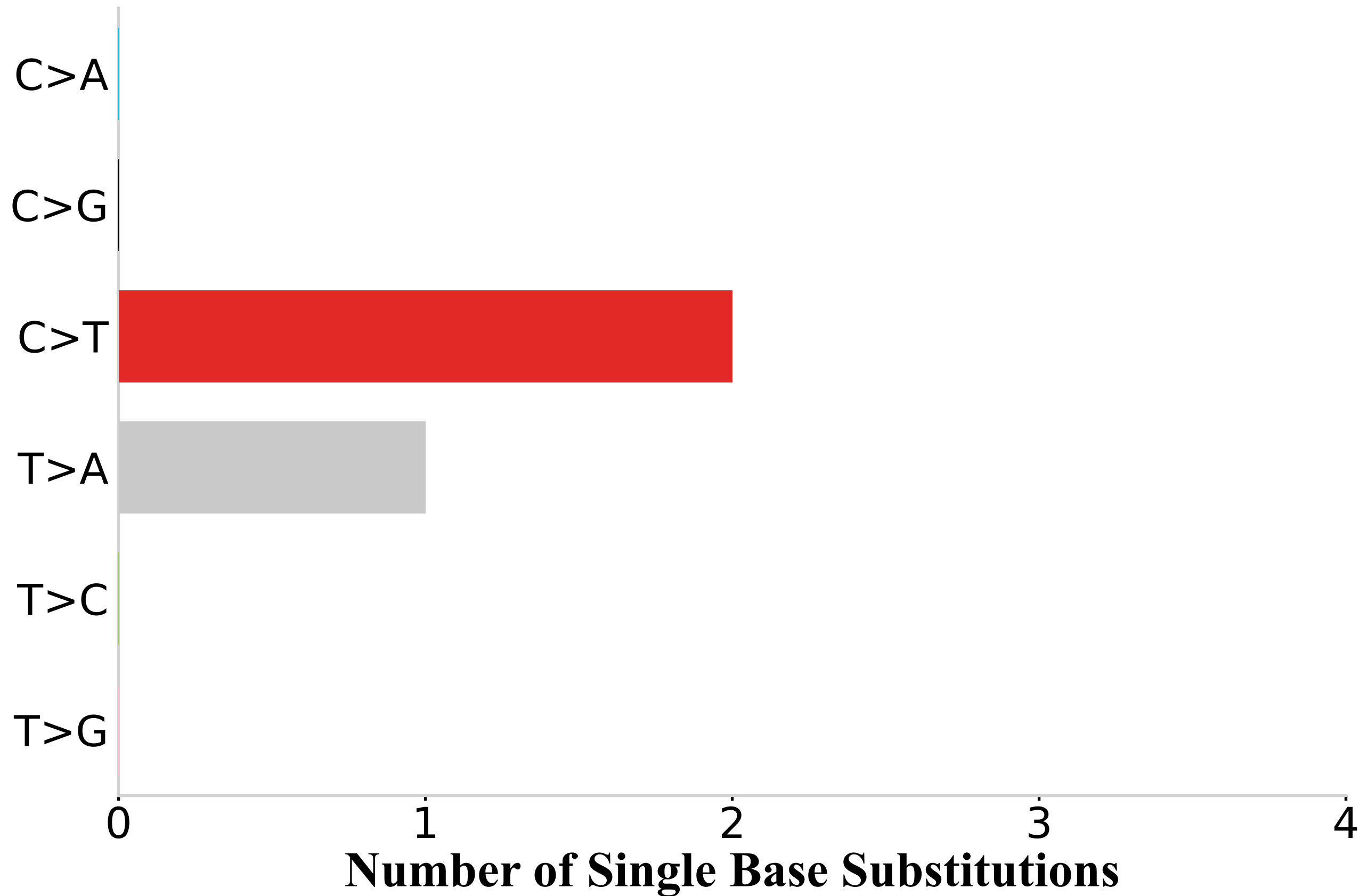
T>G

0

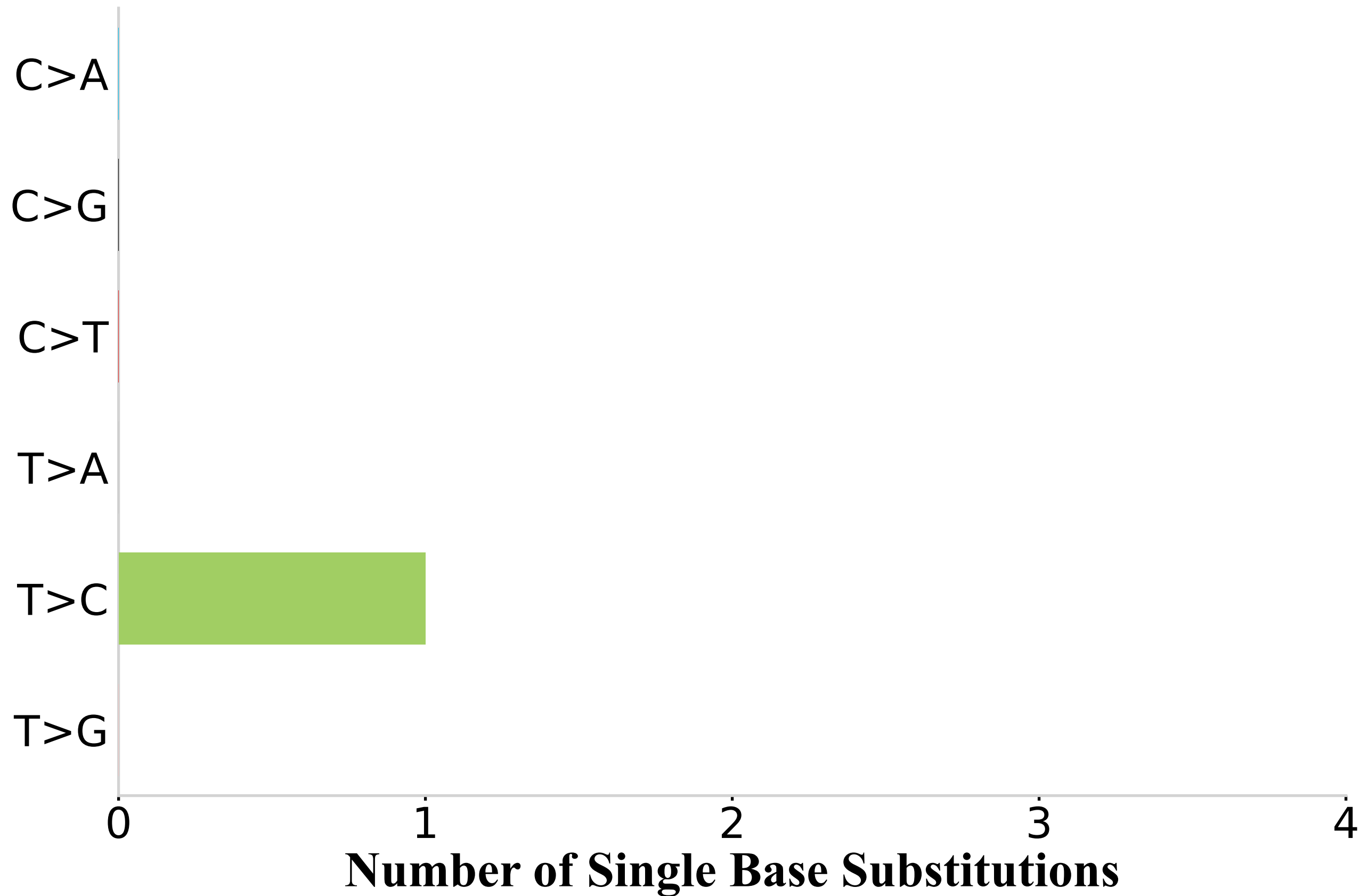
Number of Single Base Substitutions



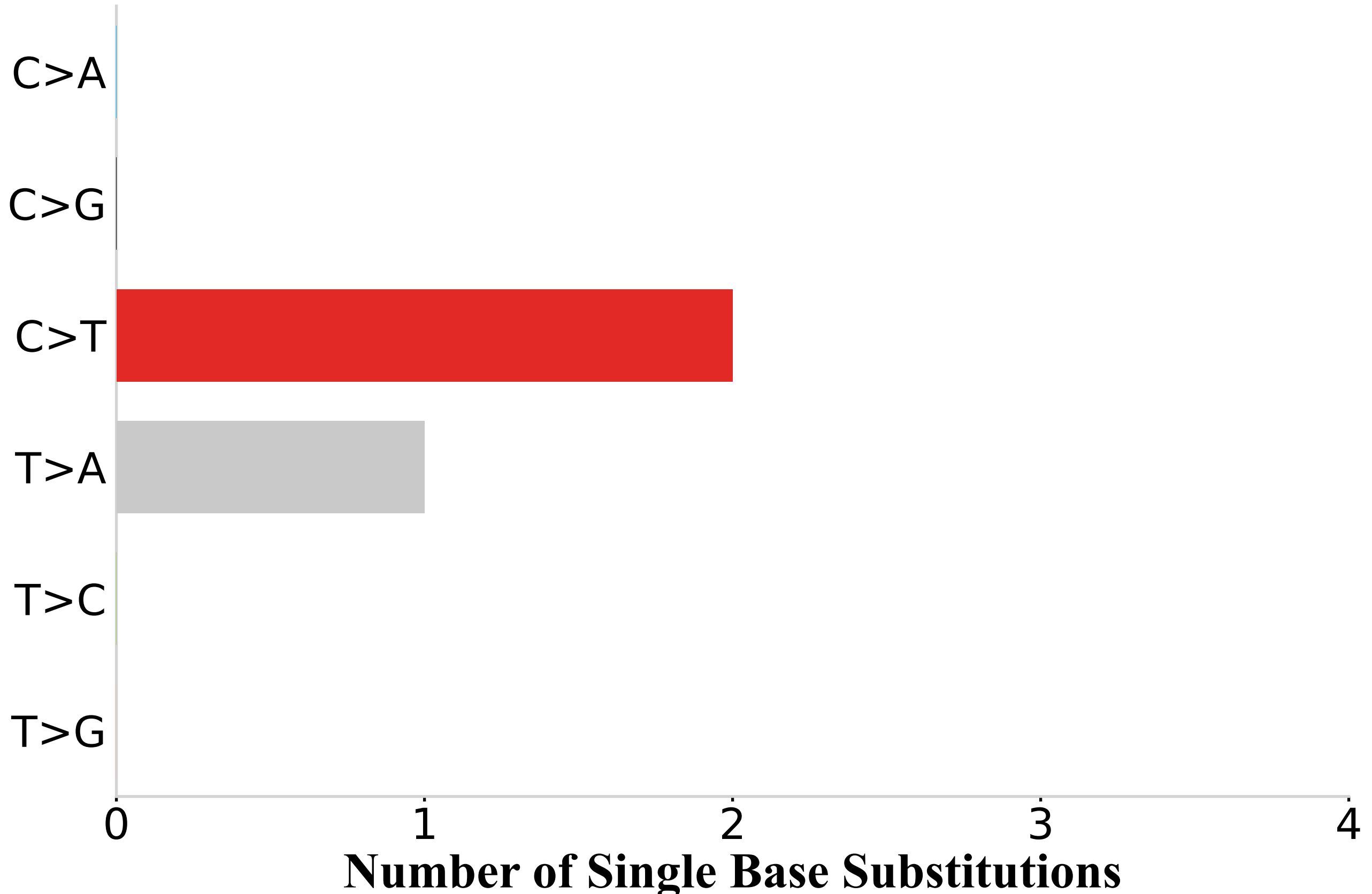
P-0008020-T01-IM5: 3 subs



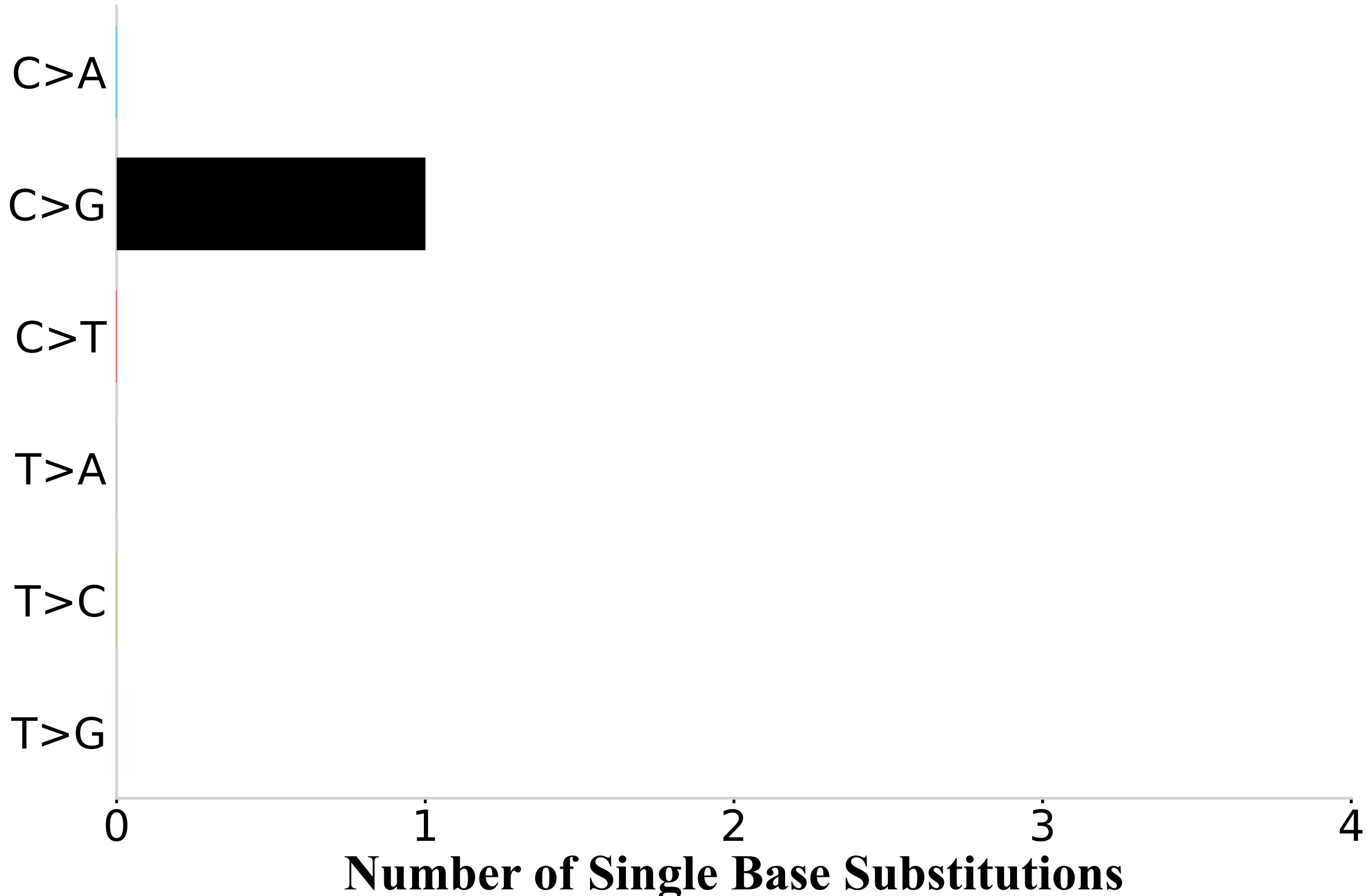
P-0008146-T01-IM5: 1 subs



P-0008182-T01-IM5: 3 subs



P-0008237-T01-IM5: 1 subs



P-0008286-T01-IM5: 0 subs

C>A

C>G

C>T

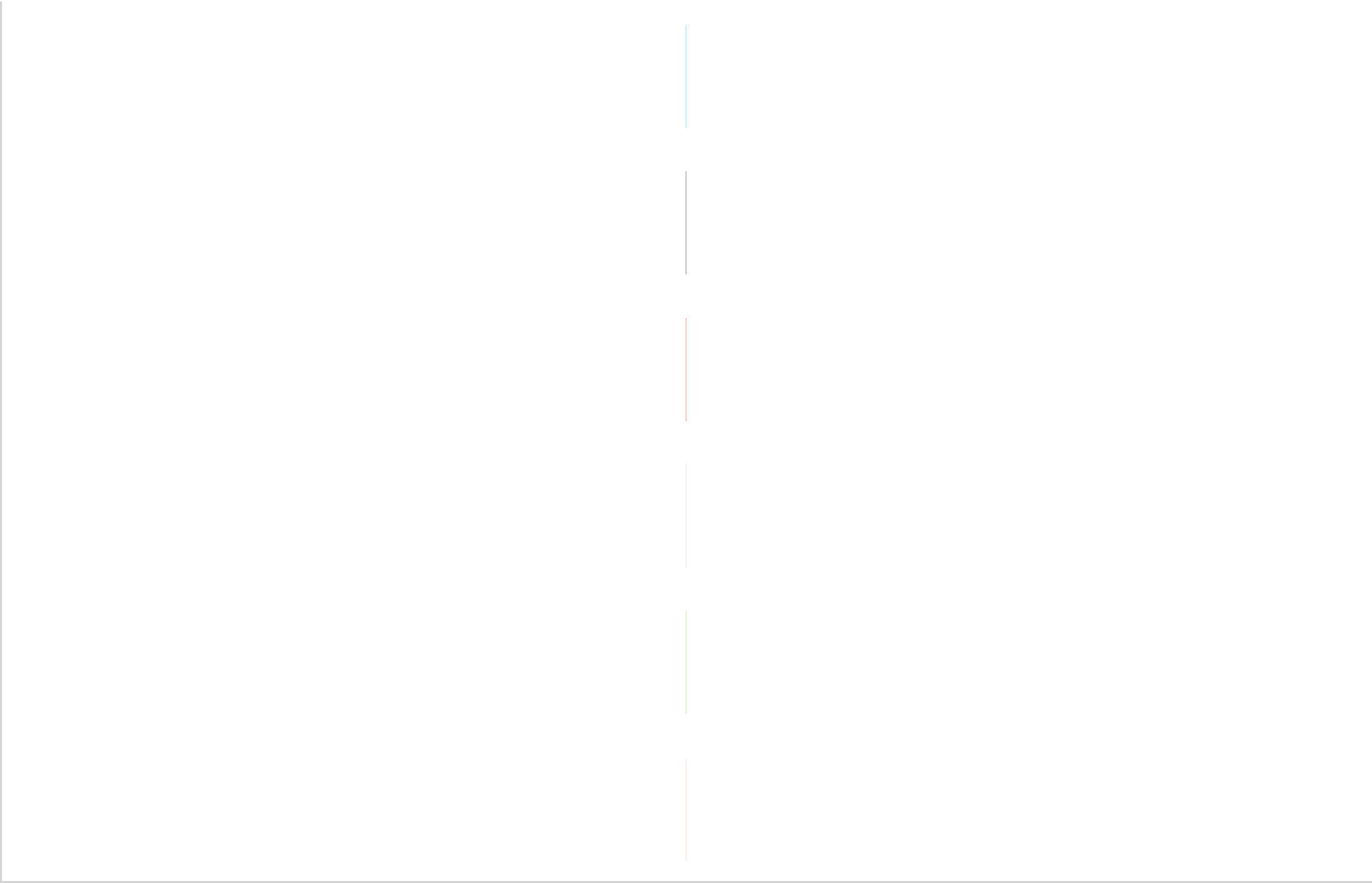
T>A

T>C

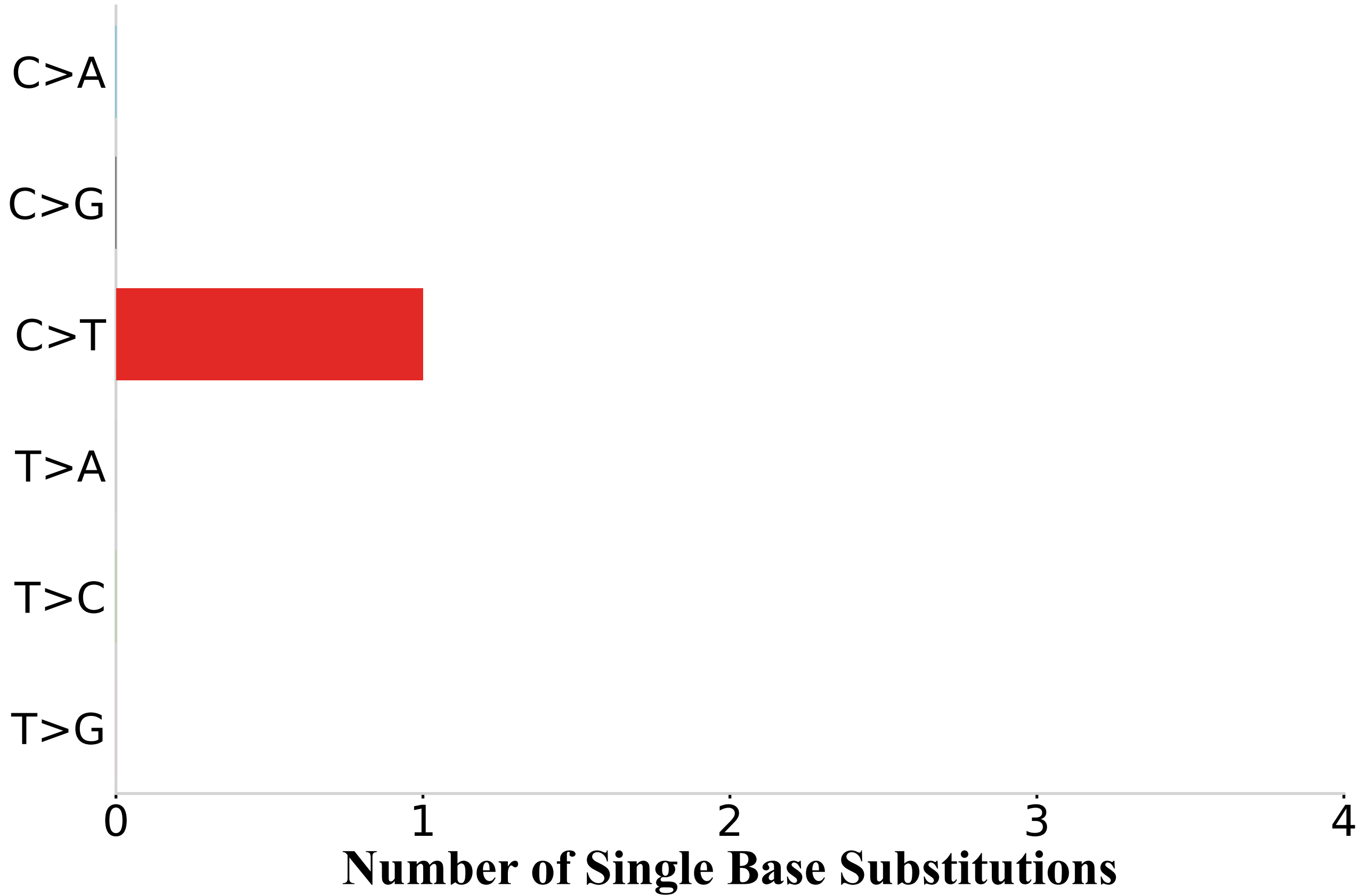
T>G

0

Number of Single Base Substitutions



P-0008287-T01-IM5: 1 subs



P-0008648-T01-IM5: 0 subs

C>A

C>G

C>T

T>A

T>C

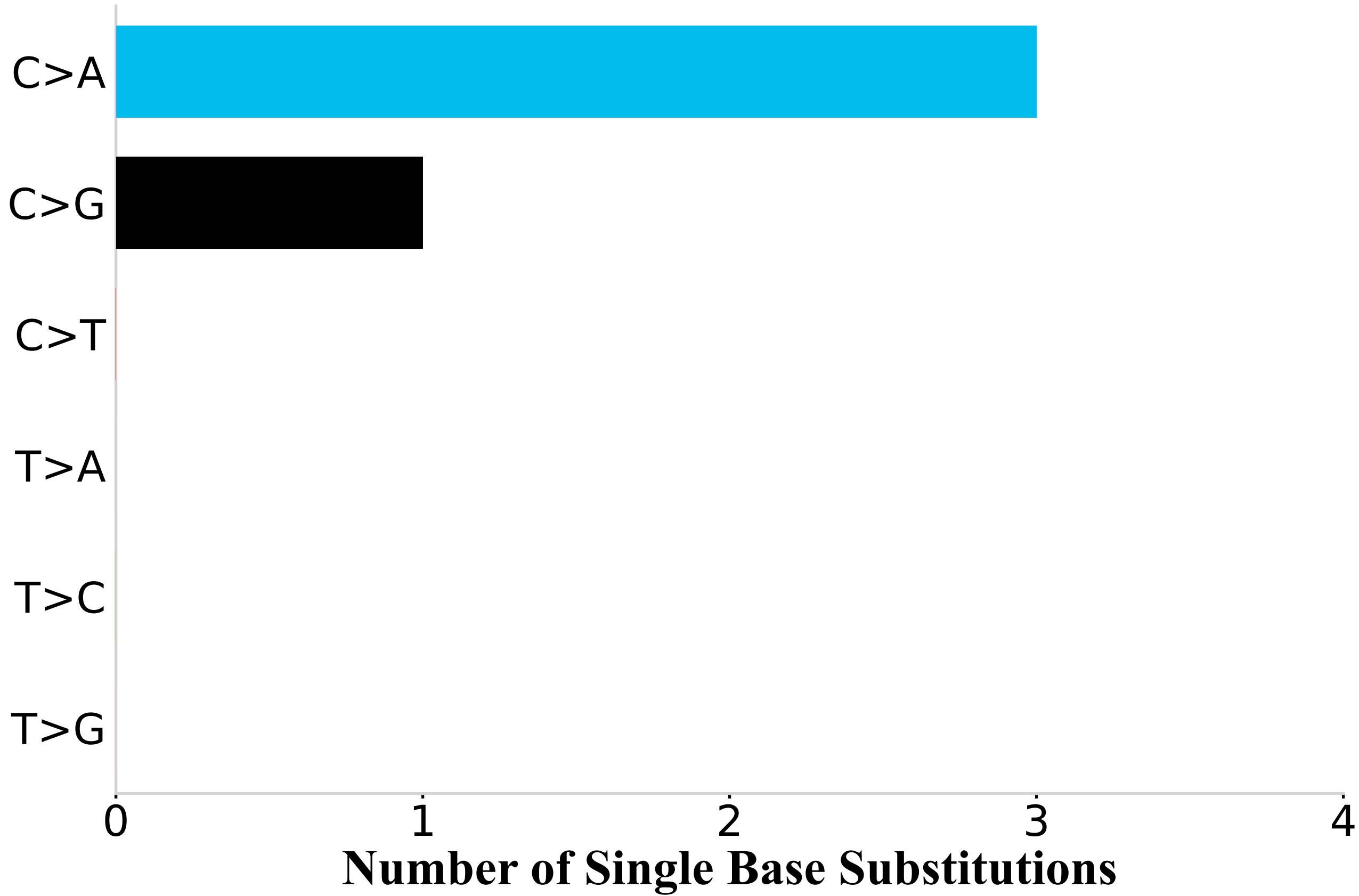
T>G

0

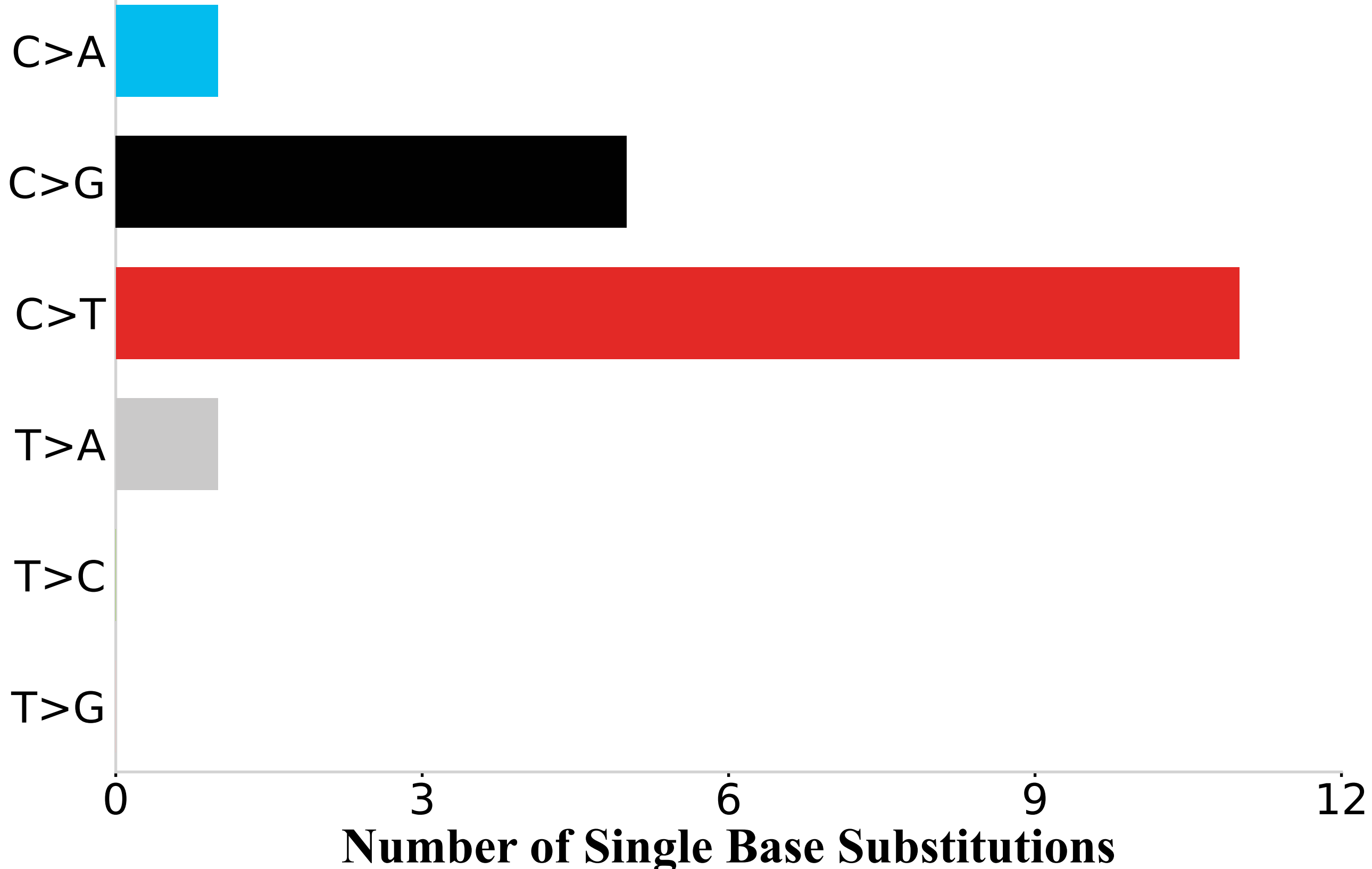
Number of Single Base Substitutions



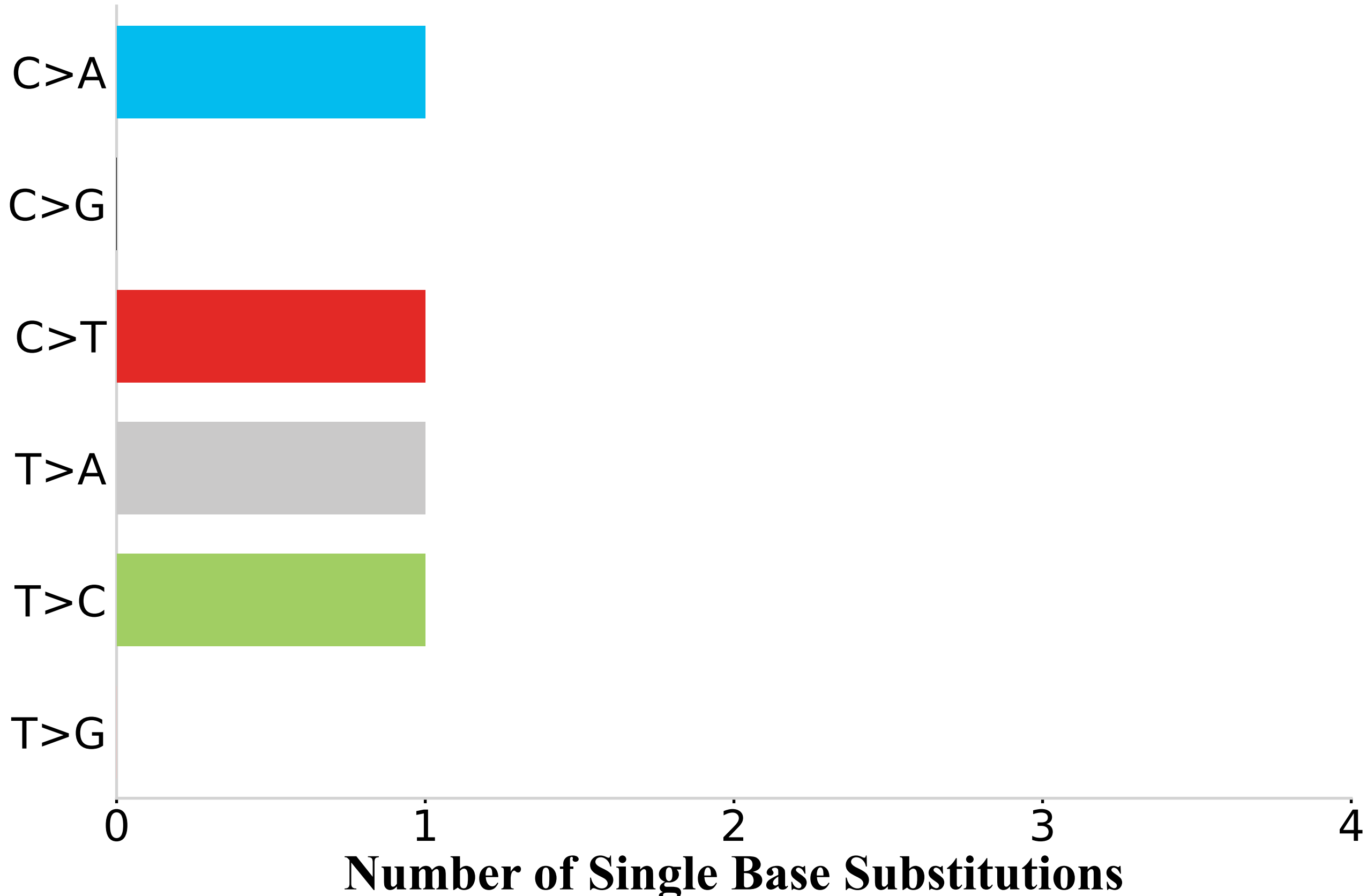
P-0008658-T01-IM5: 4 subs



P-0008684-T01-IM5: 18 subs



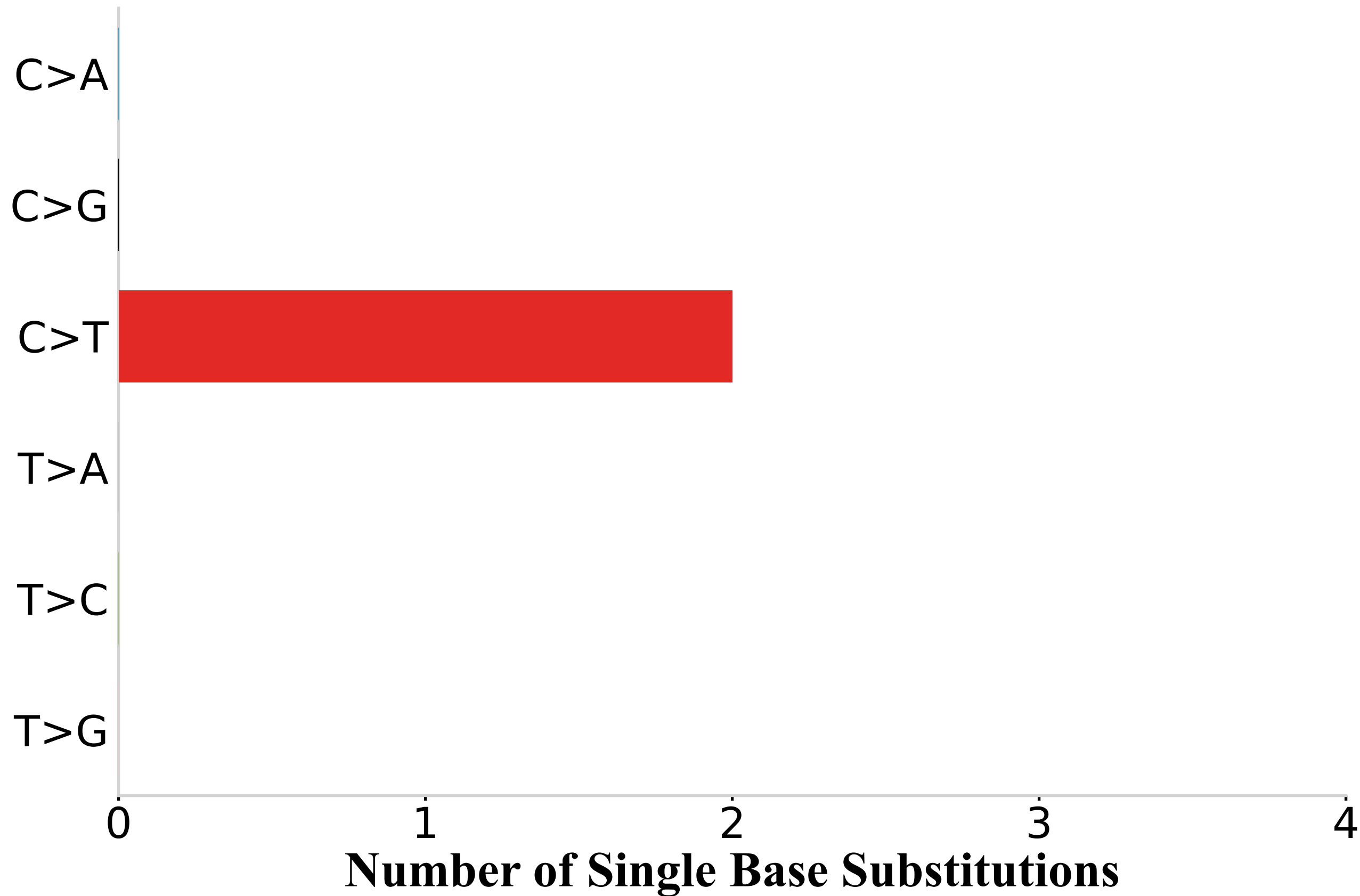
P-0009191-T01-IM5: 4 subs



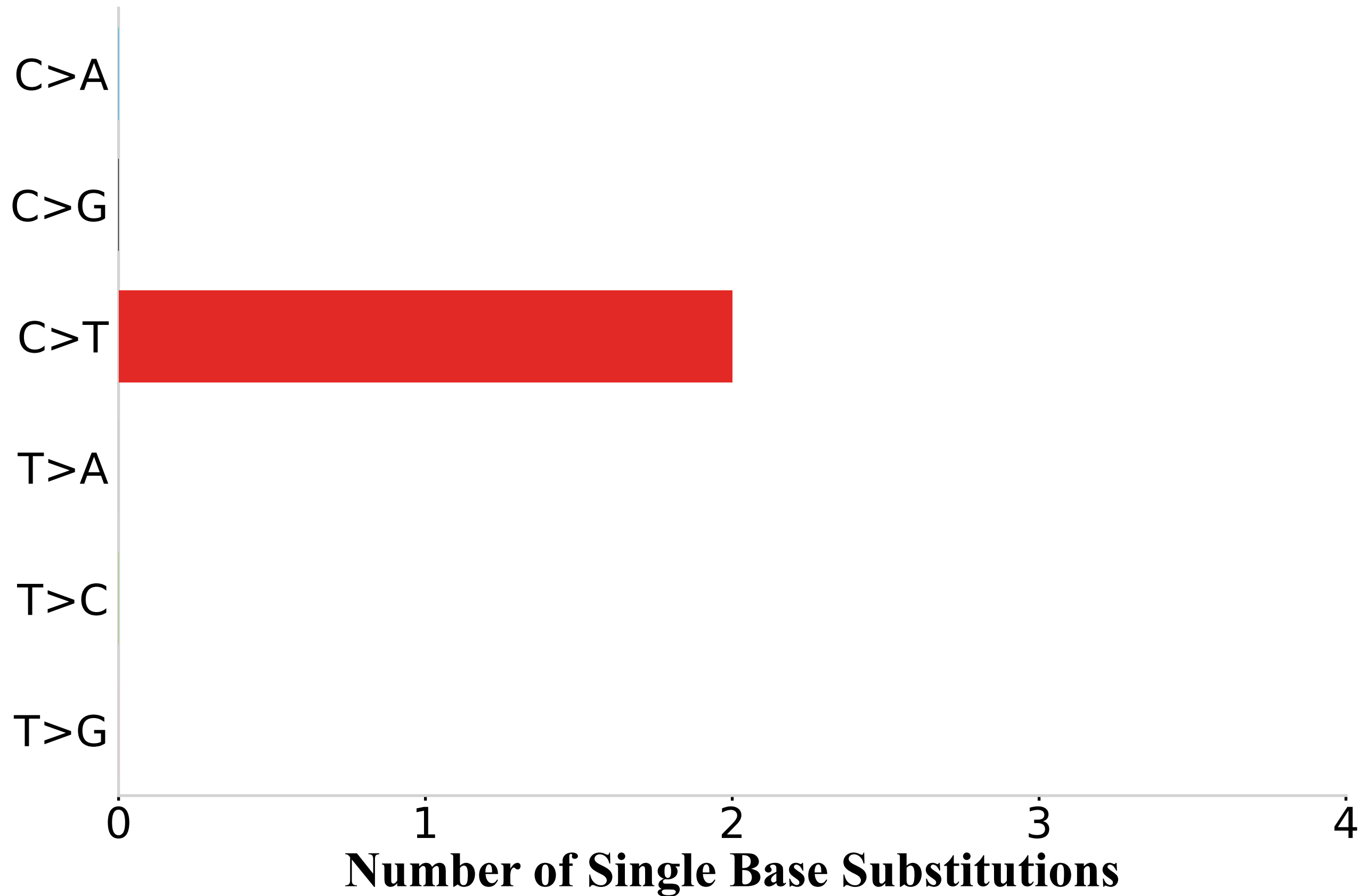
P-0009306-T02-IM6: 2 subs



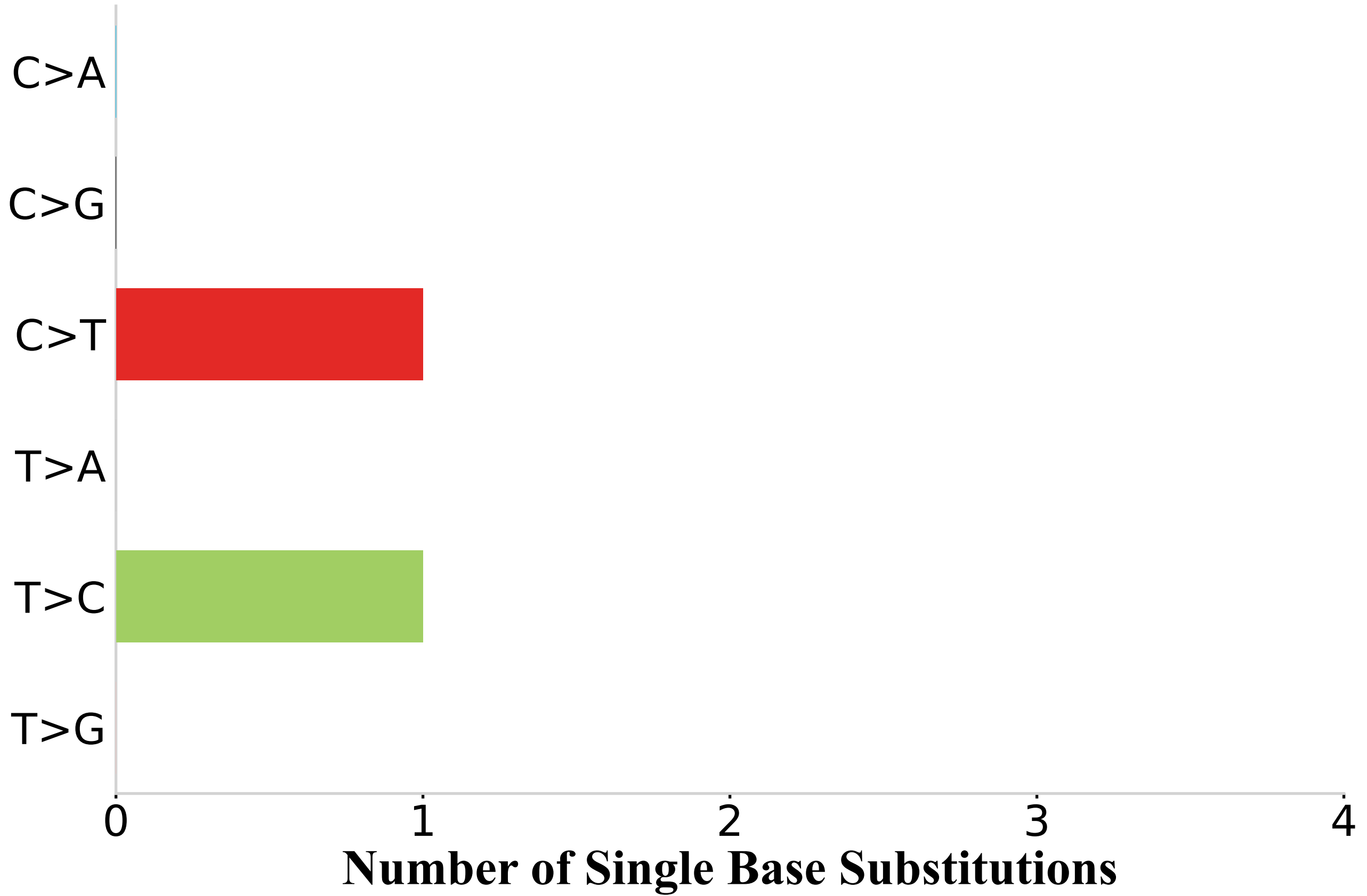
P-0009513-T01-IM5: 2 subs



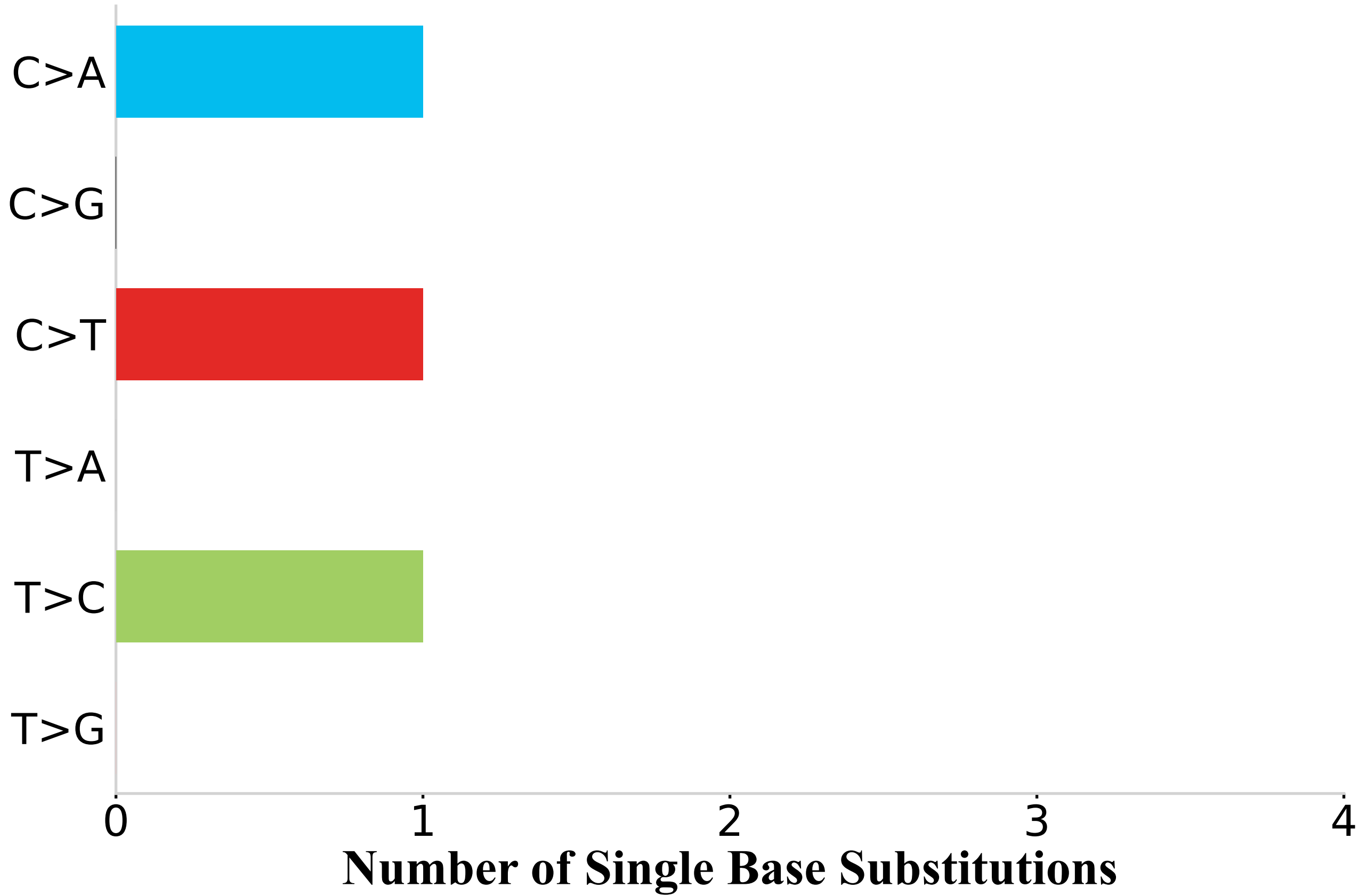
P-0009523-T01-IM5: 2 subs



P-0009596-T01-IM5: 2 subs



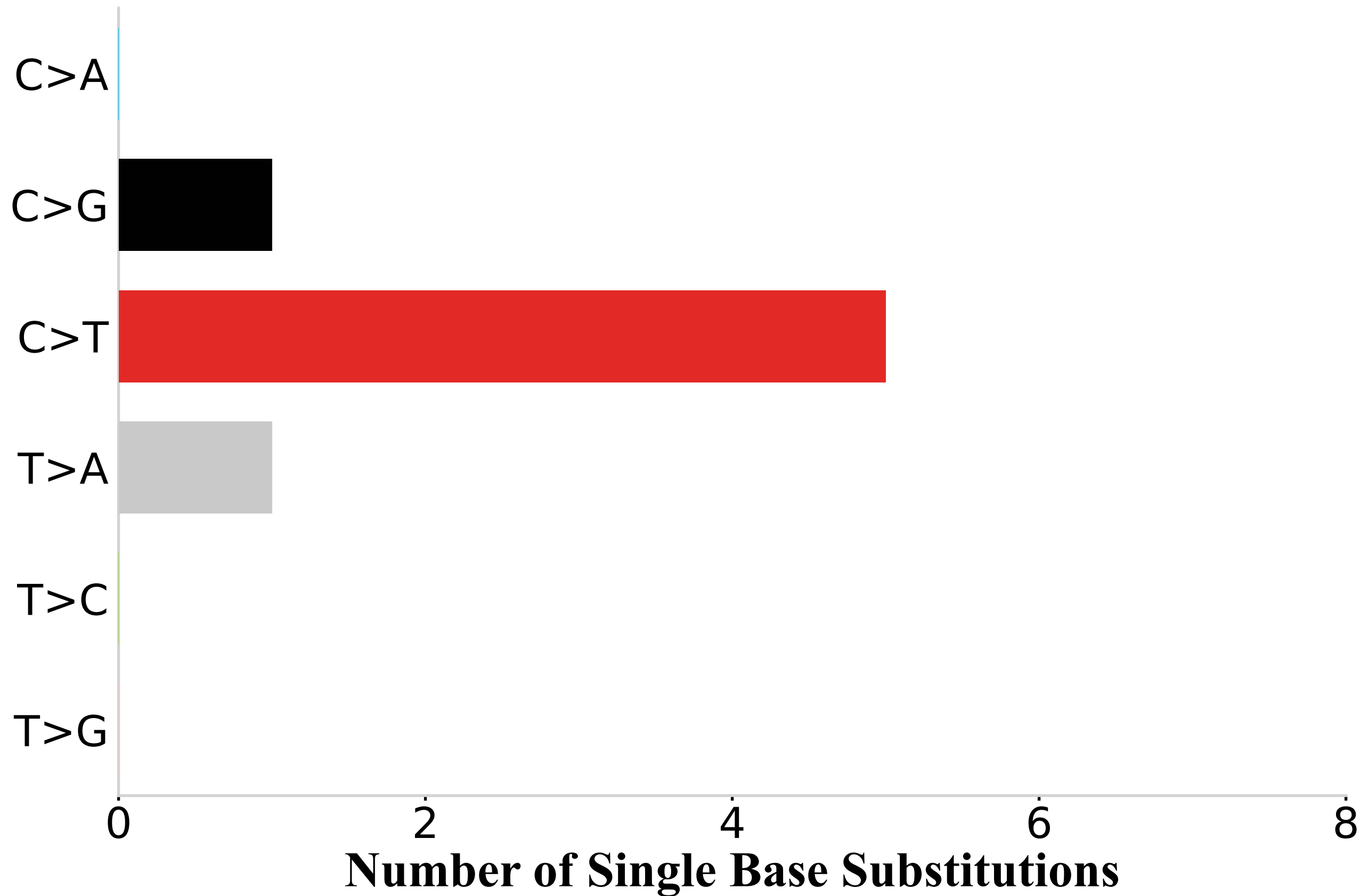
P-0009611-T01-IM5: 3 subs



P-0009816-T01-IM5: 3 subs



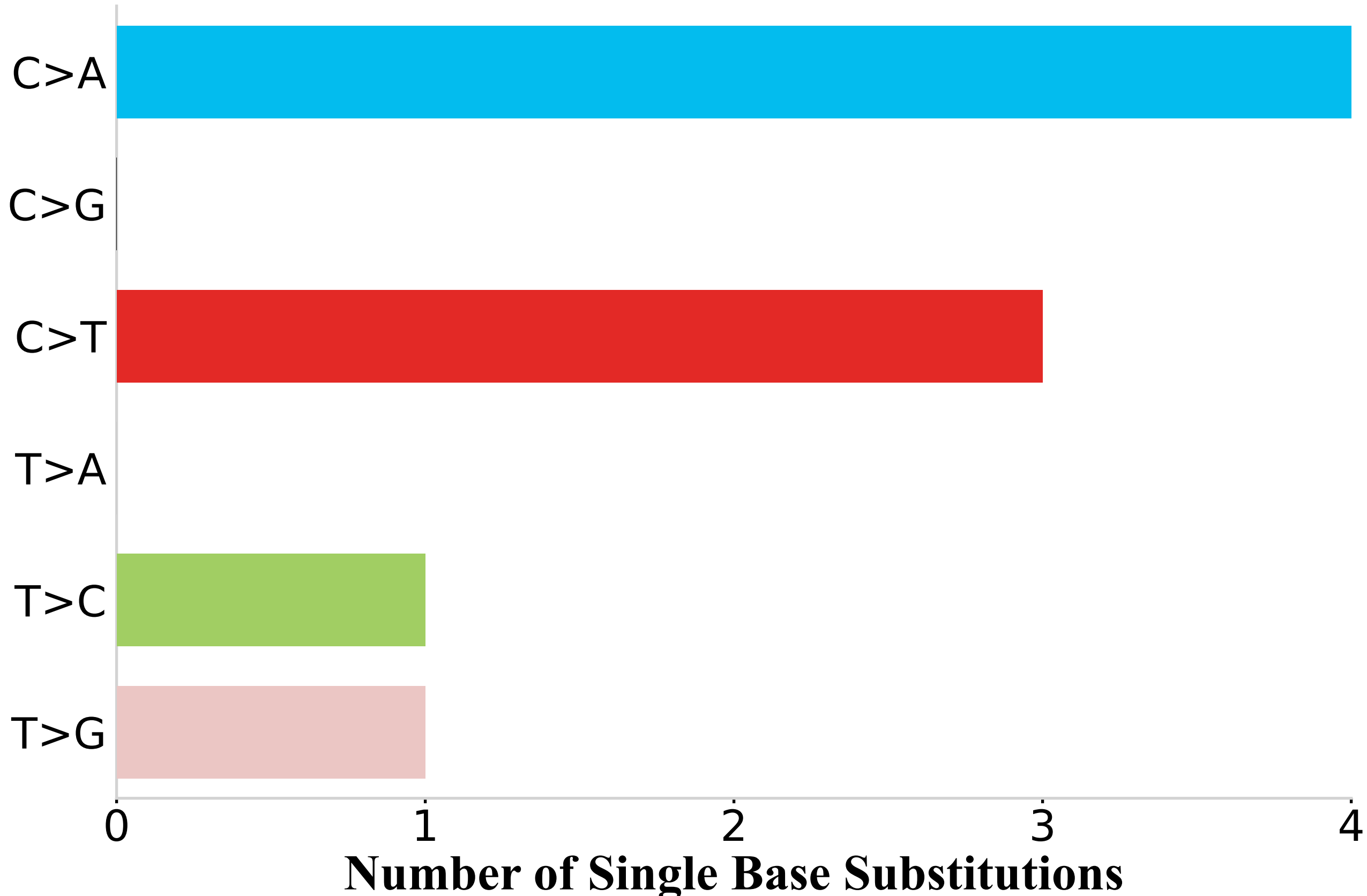
P-0009825-T01-IM5: 7 subs



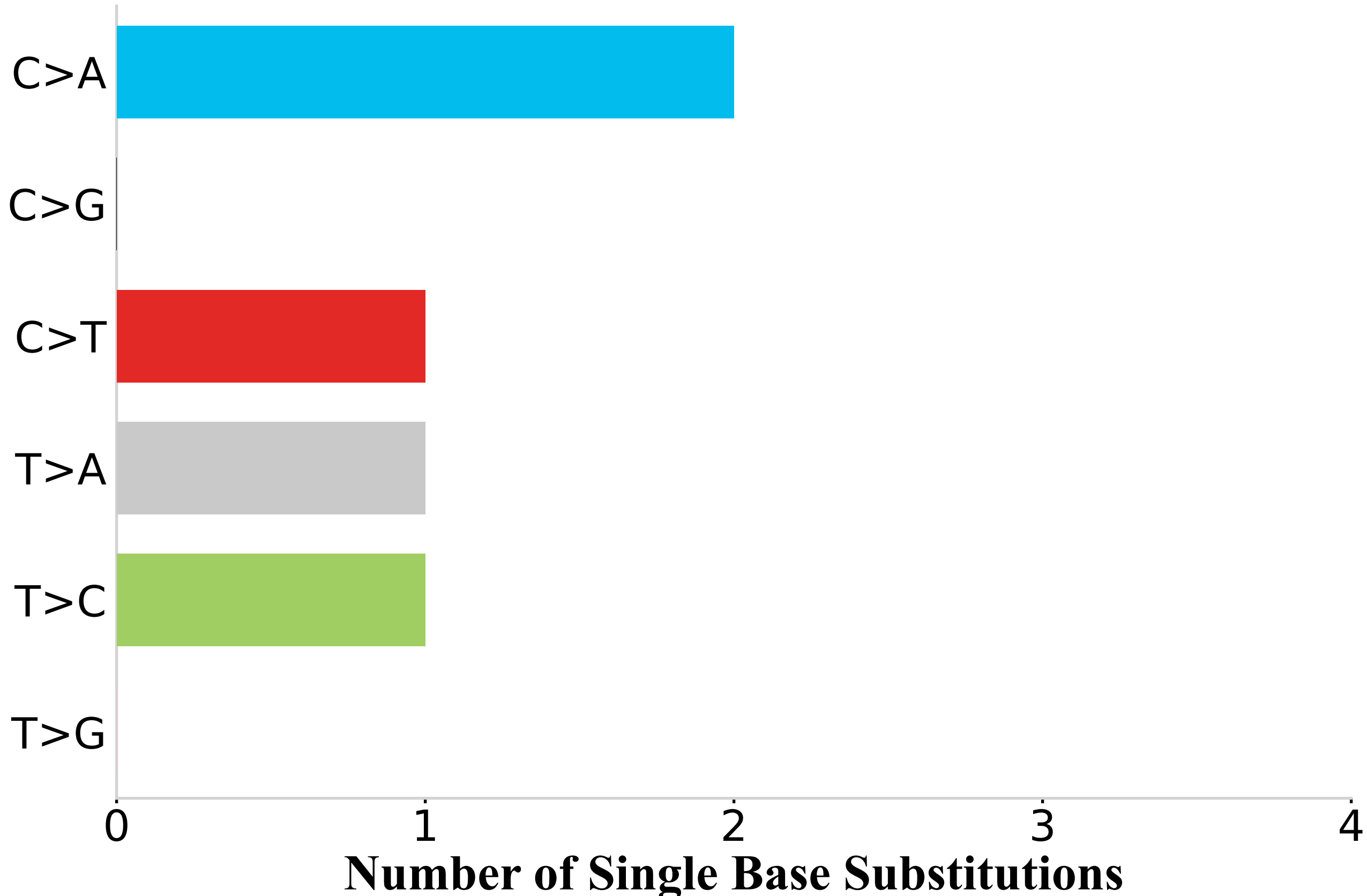
P-0009961-T01-IM5: 1 subs



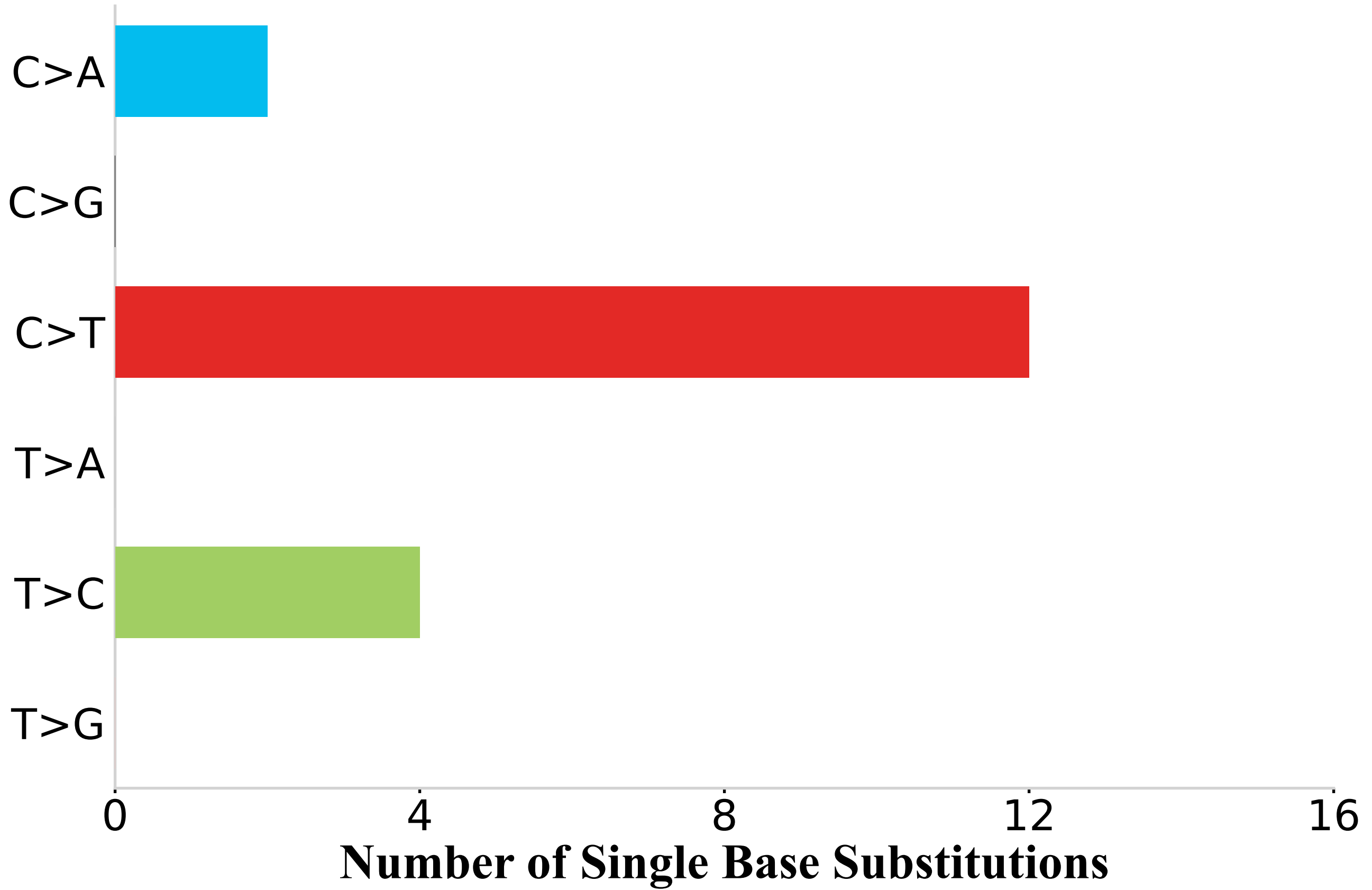
P-0010070-T01-IM5: 9 subs



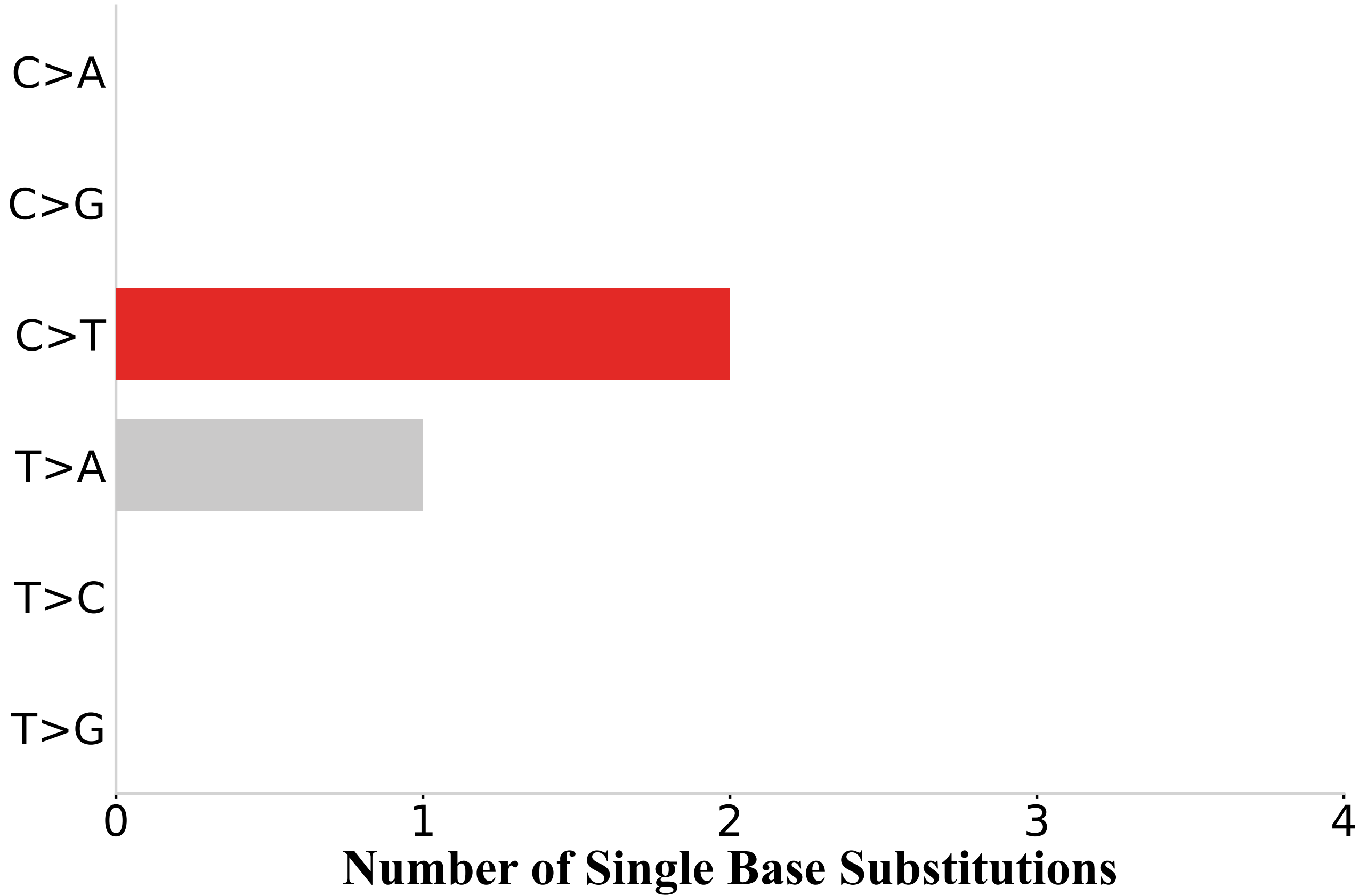
P-0010299-T01-IM5: 5 subs



P-0010331-T03-IM6: 18 subs



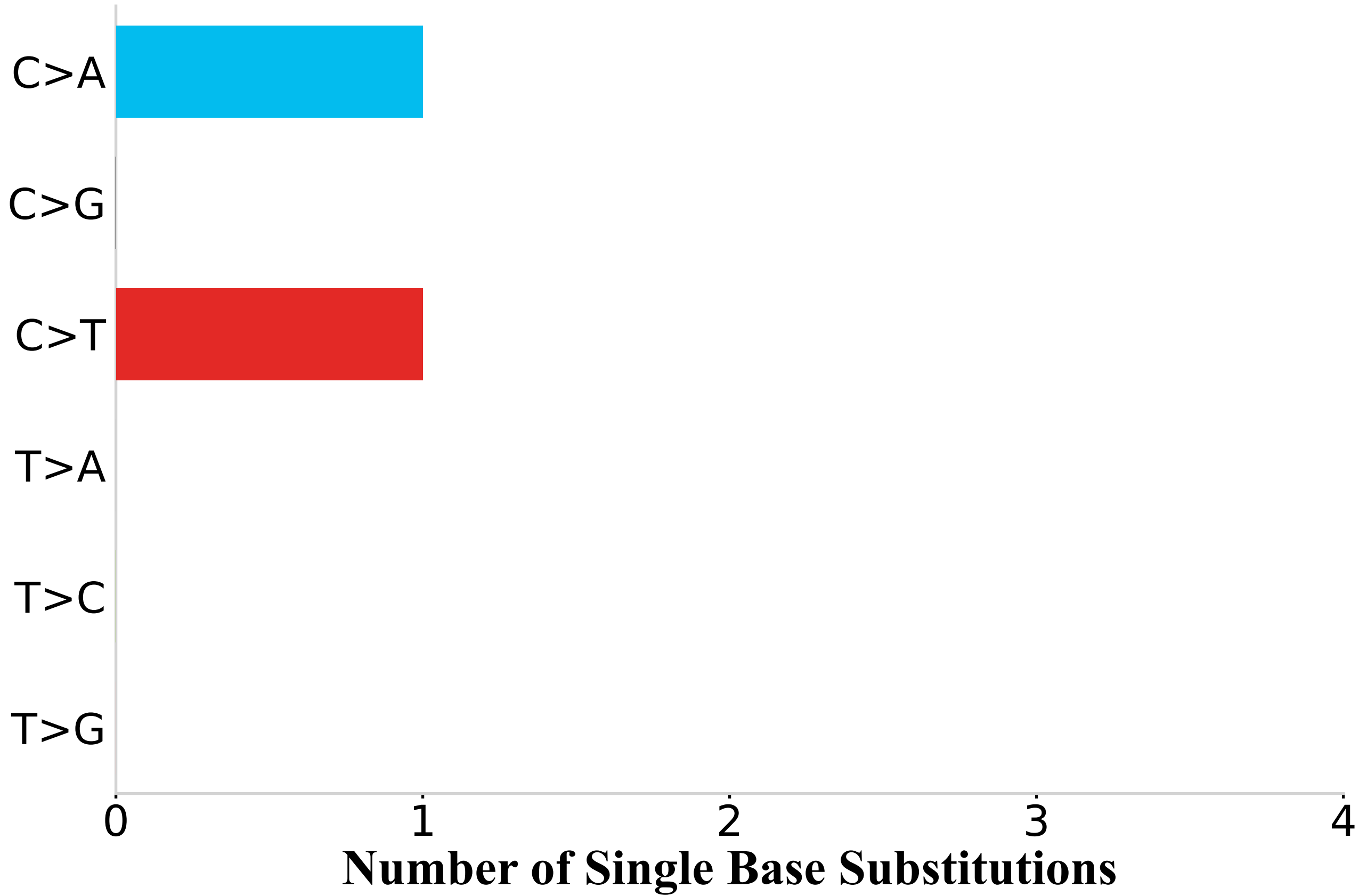
P-0010392-T01-IM5: 3 subs



P-0010533-T02-IM6: 1 subs



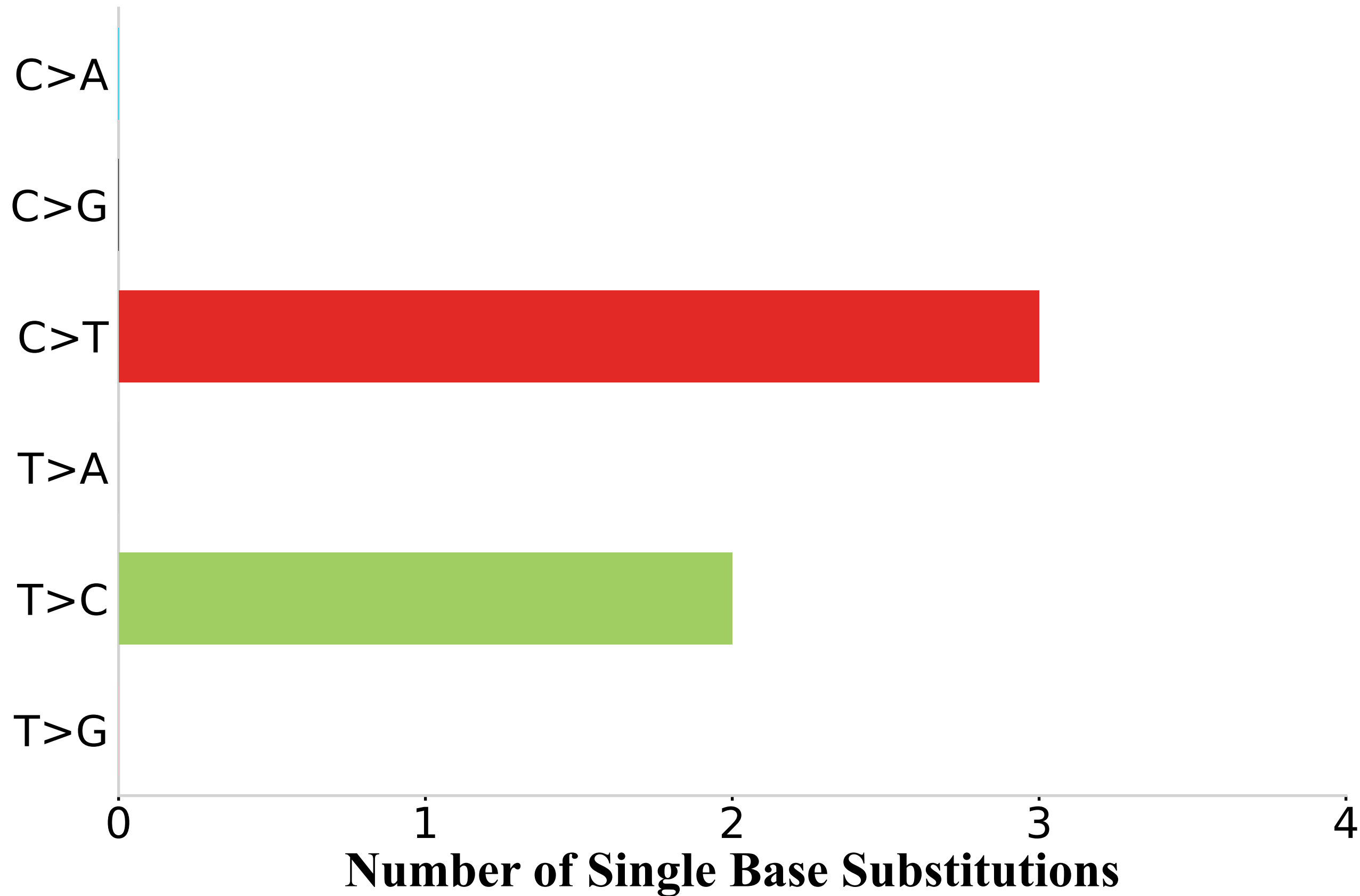
P-0010574-T01-IM5: 2 subs



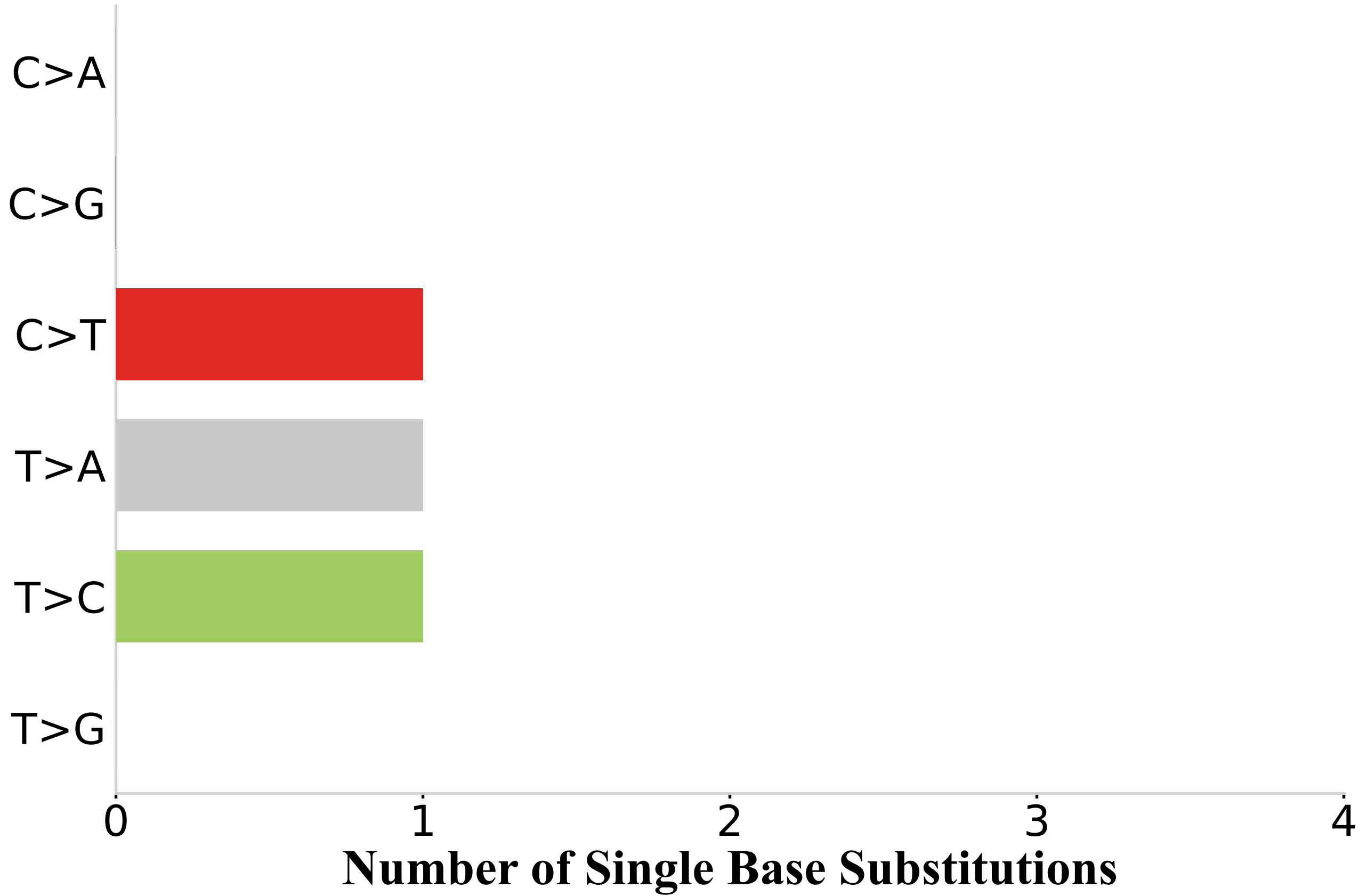
P-0010615-T01-IM5: 2 subs



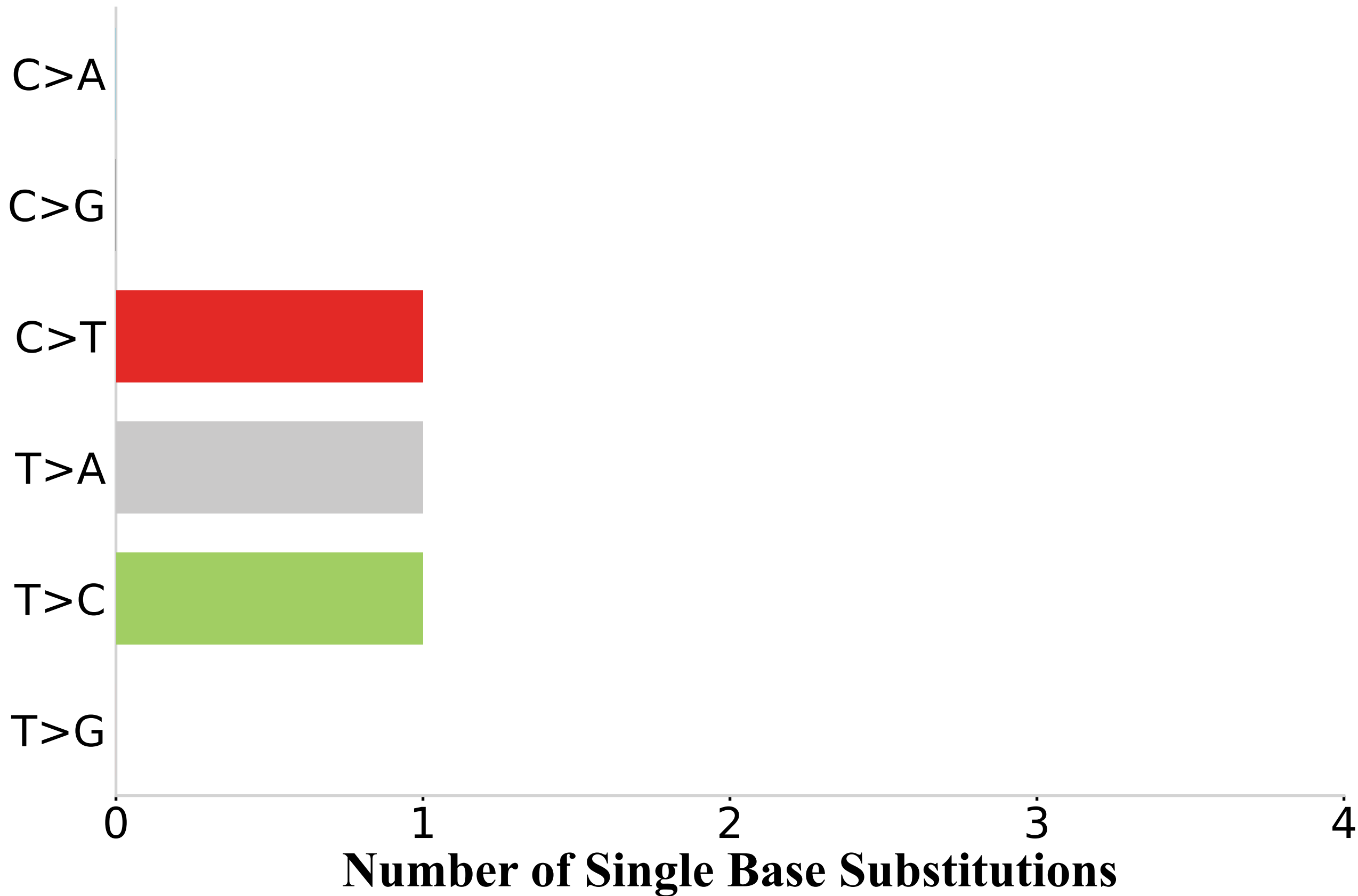
P-0010701-T01-IM5: 5 subs



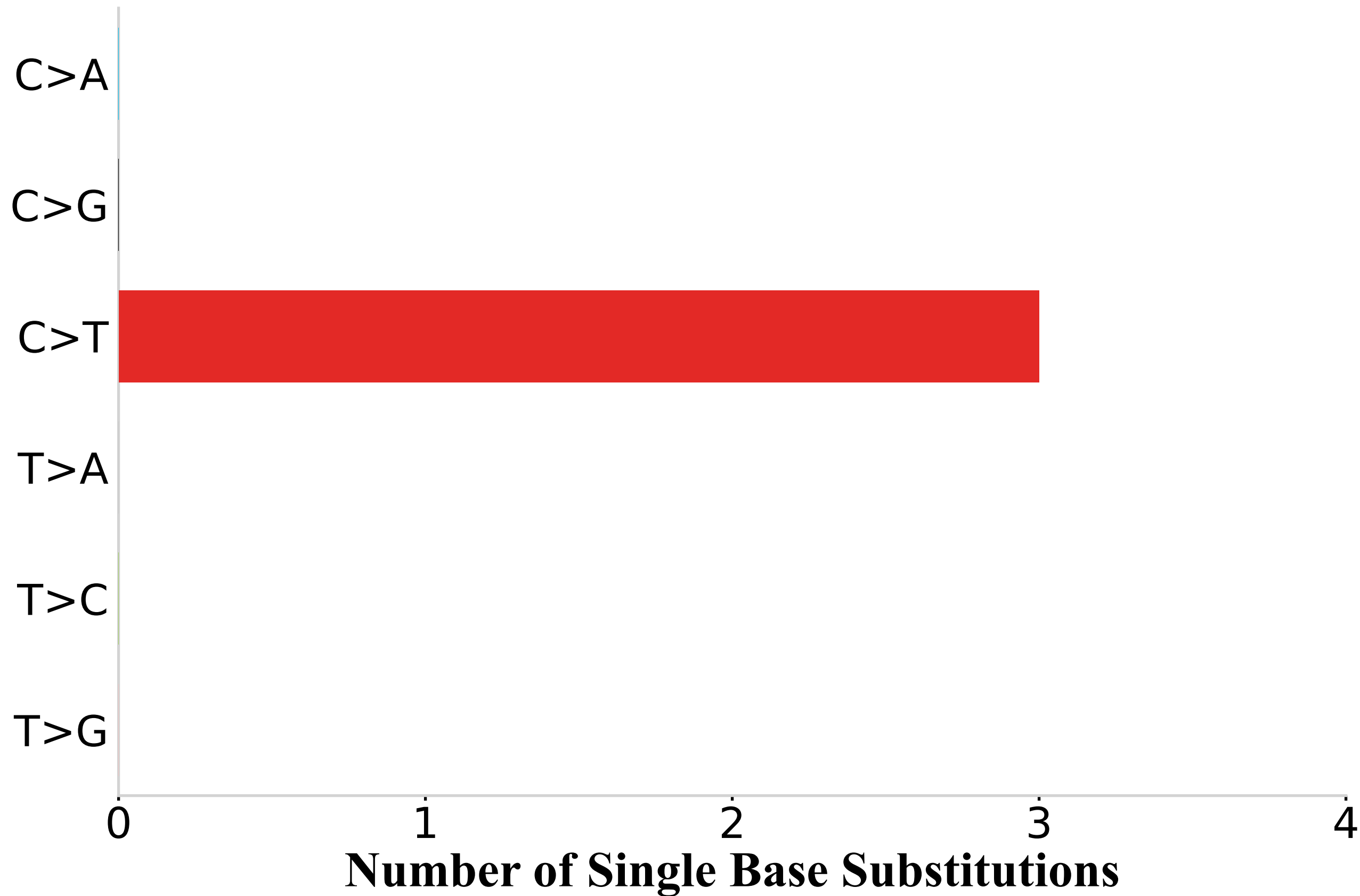
P-0010708-T01-IM5: 3 subs



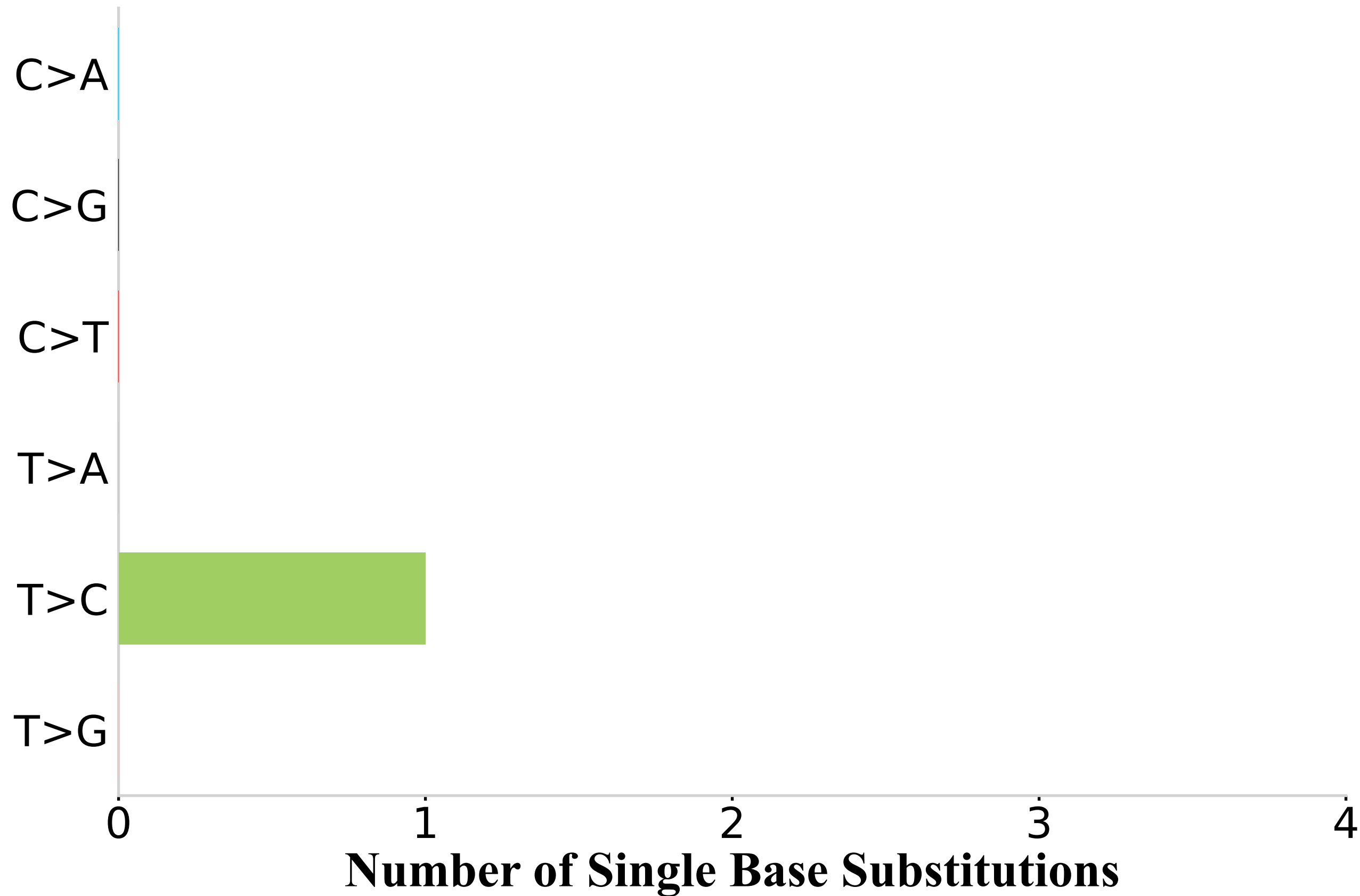
P-0010723-T01-IM5: 3 subs



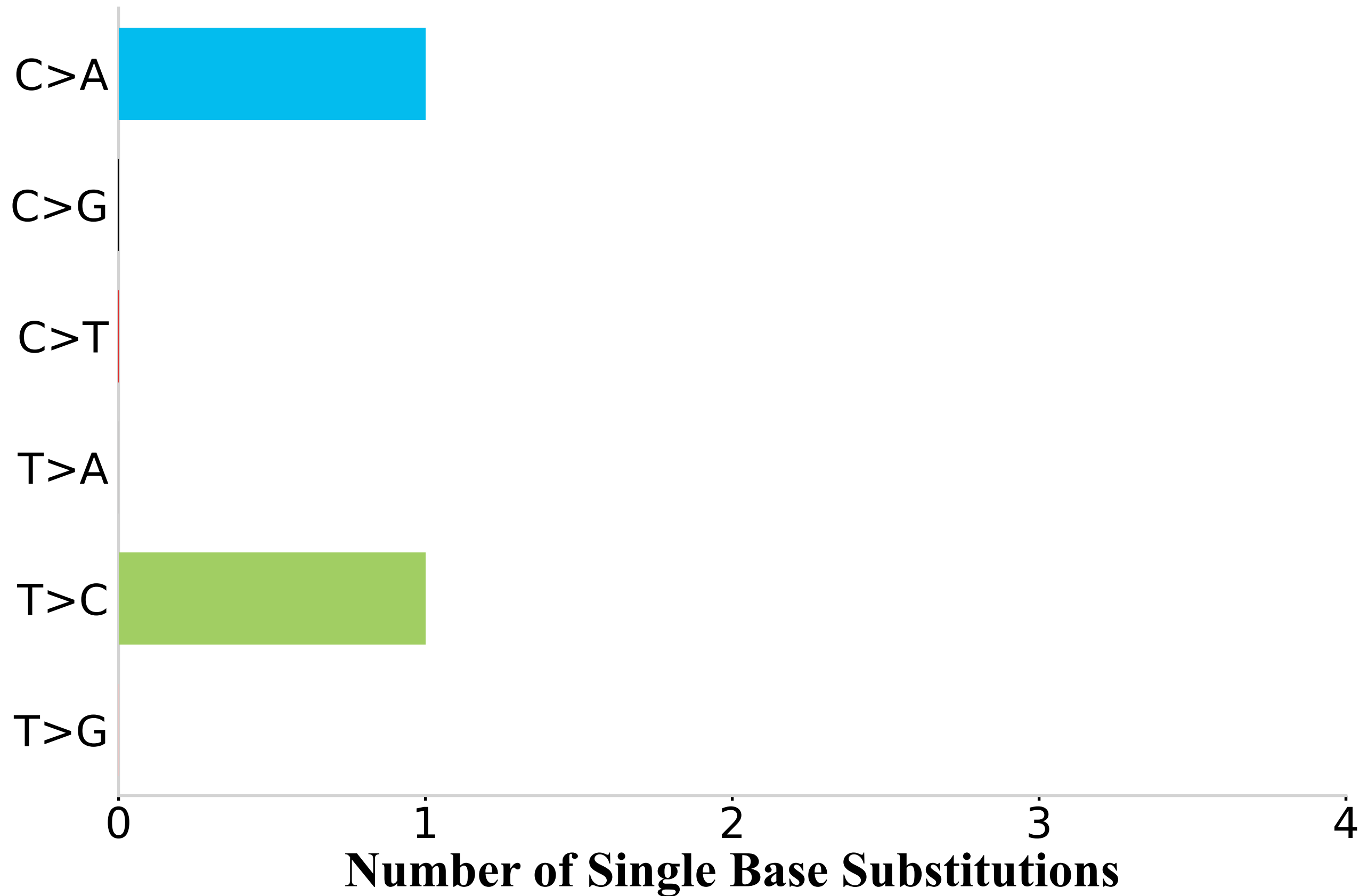
P-0010733-T01-IM5: 3 subs



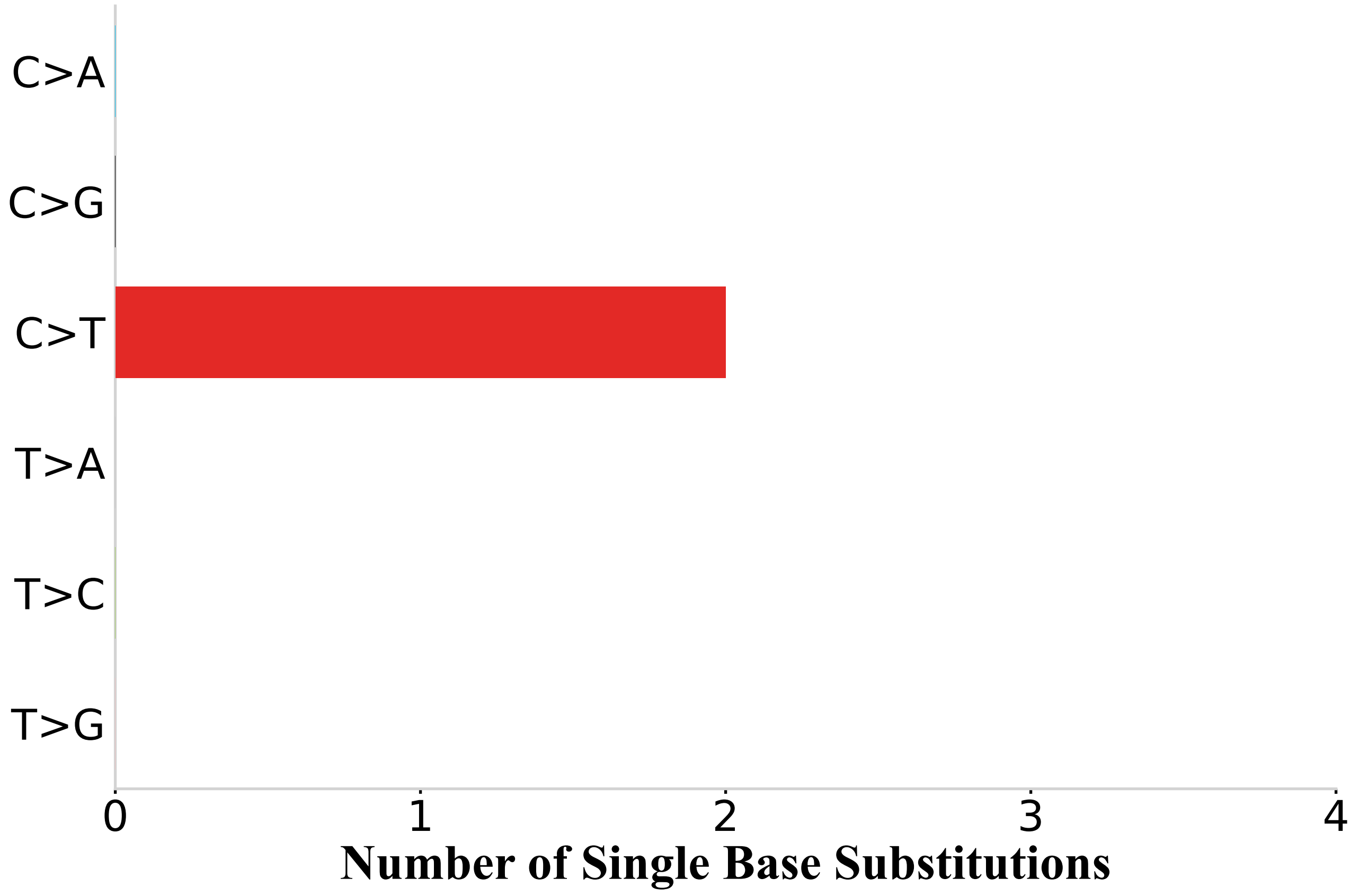
P-0010761-T01-IM5: 1 subs



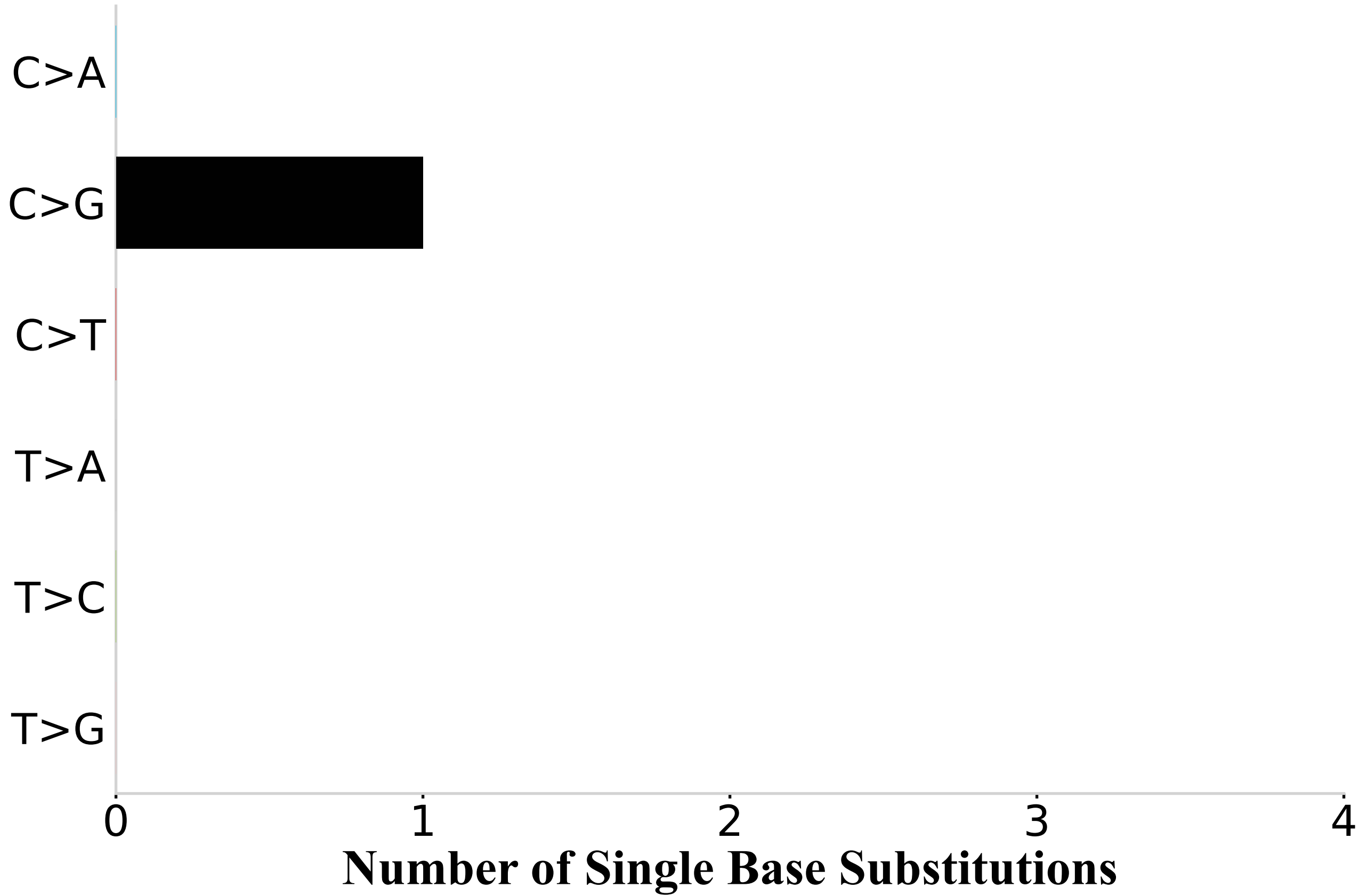
P-0010851-T01-IM5: 2 subs



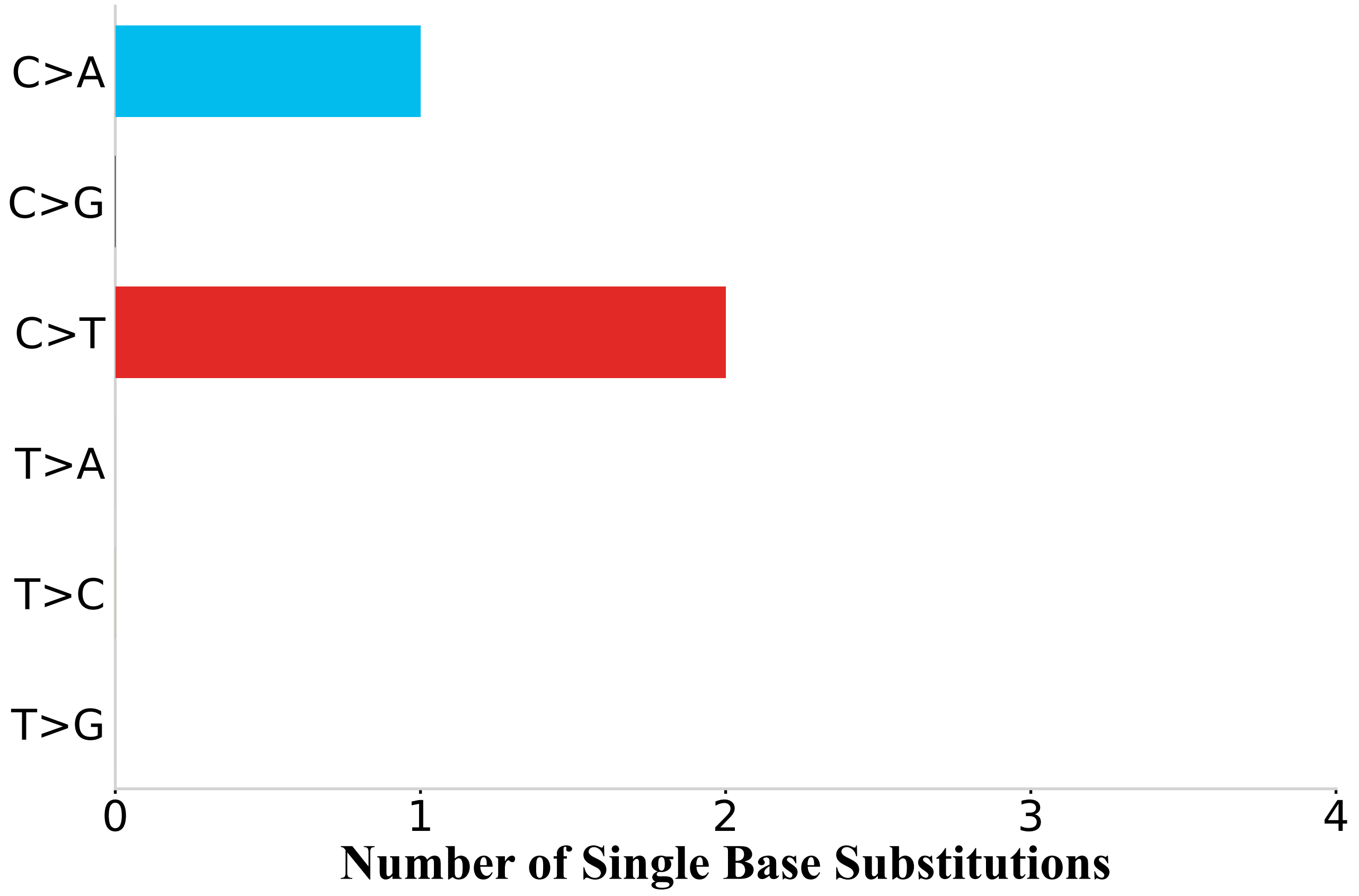
P-0011032-T01-IM5: 2 subs



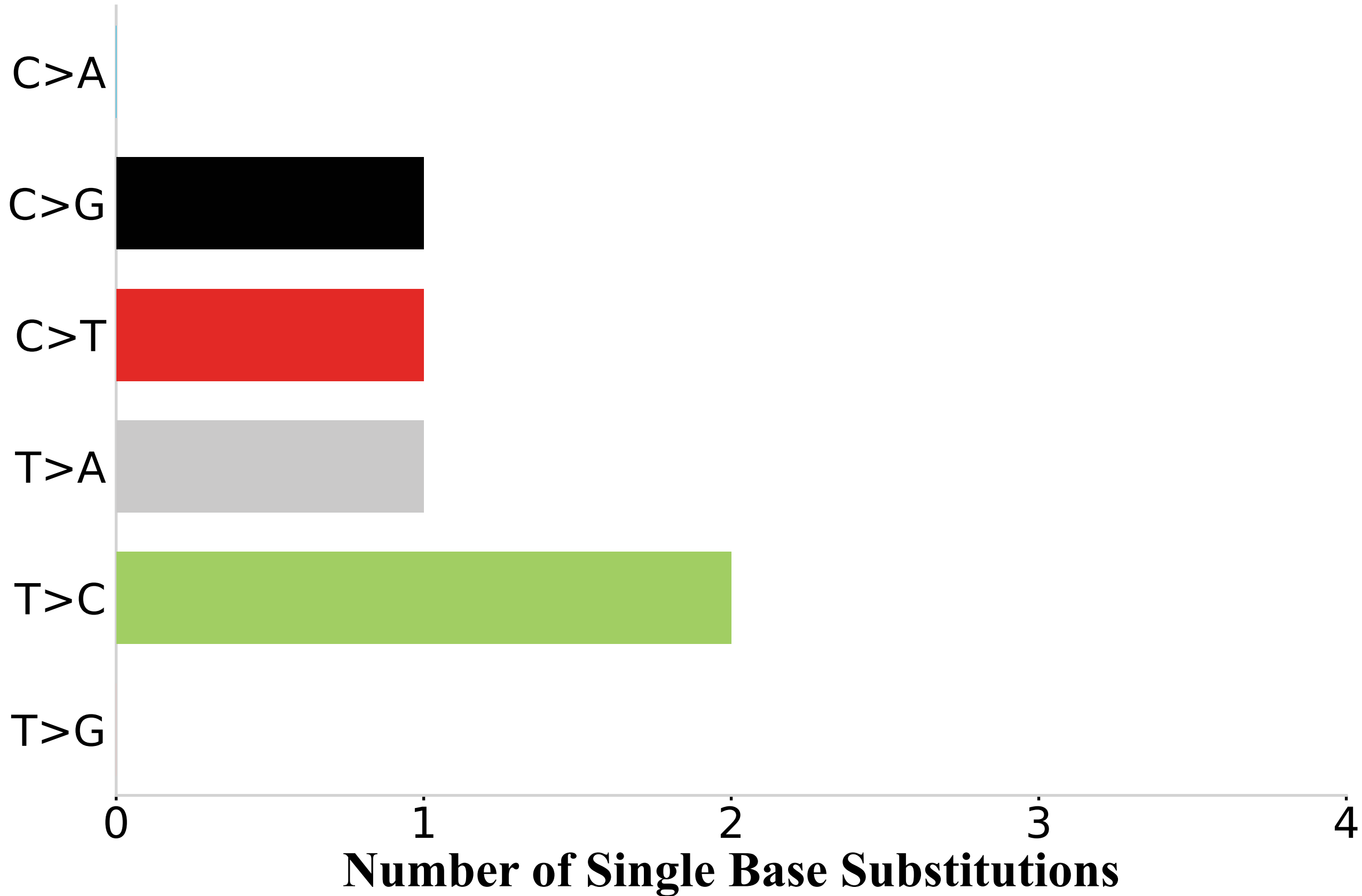
P-0011050-T01-IM5: 1 subs



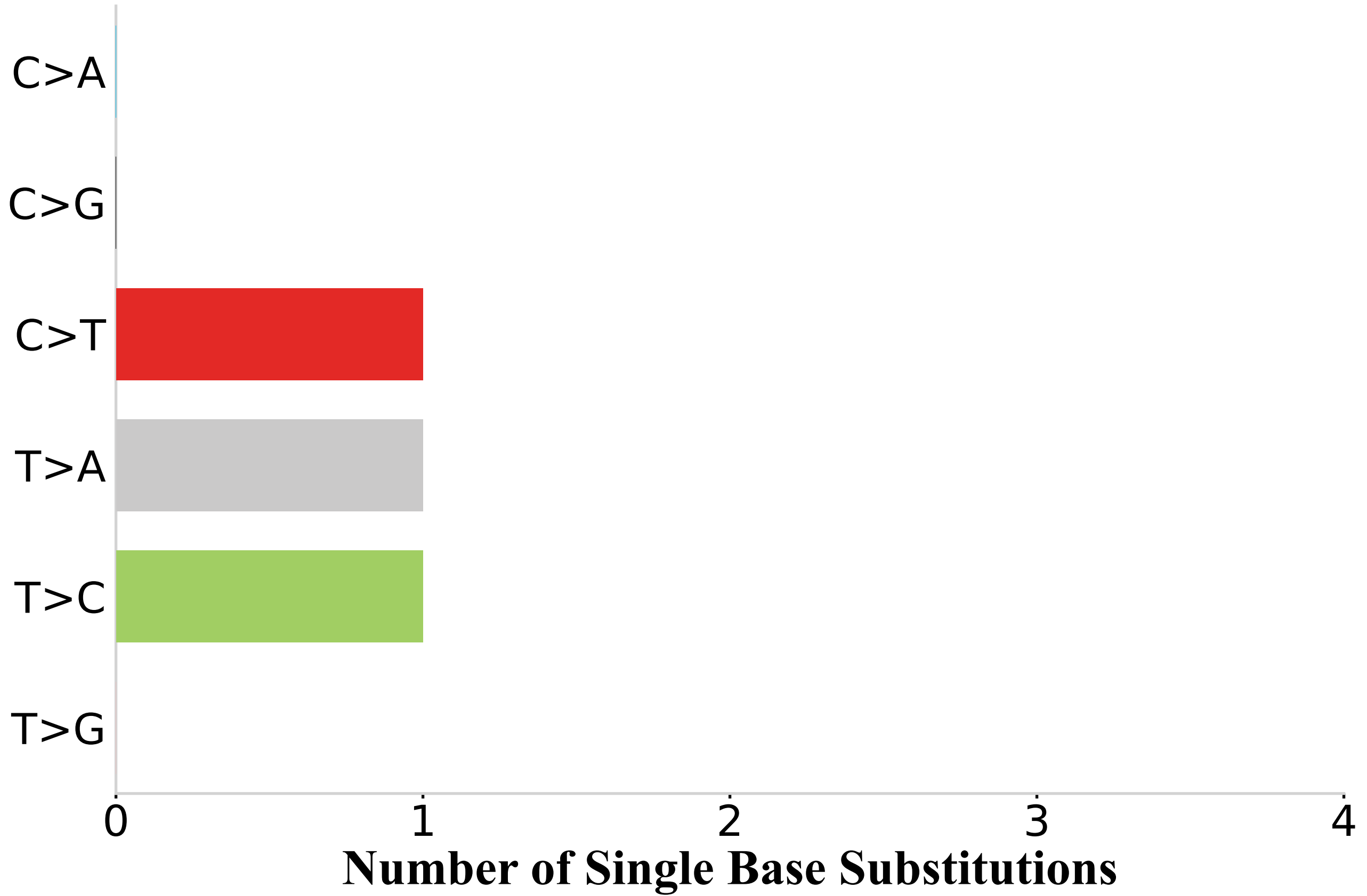
P-0011076-T01-IM5: 3 subs



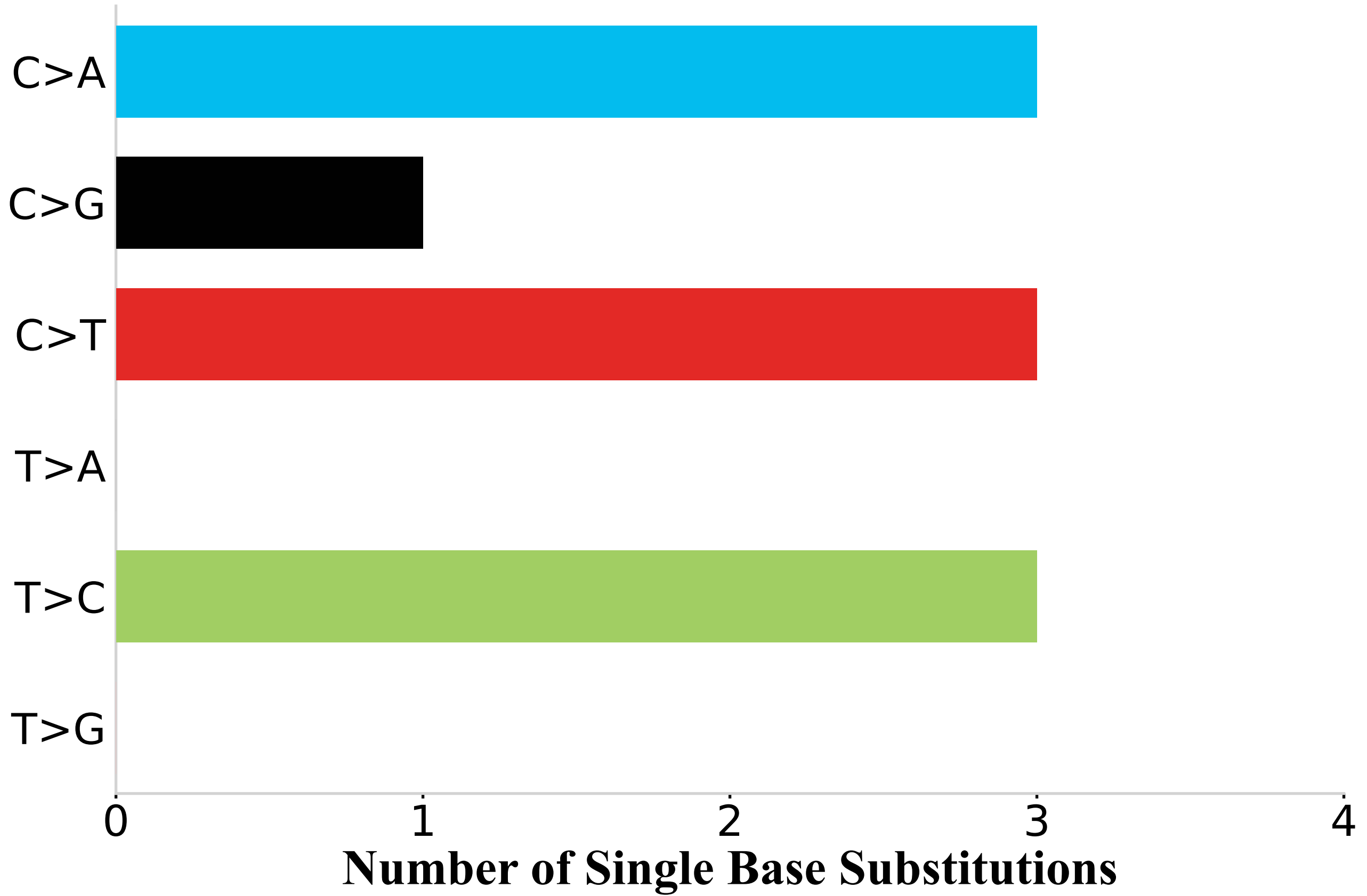
P-0011104-T01-IM5: 5 subs



P-0011140-T01-IM5: 3 subs



P-0011223-T01-IM5: 10 subs



P-0011270-T01-IM5: 0 subs

C>A
C>G
C>T
T>A
T>C
T>G



Number of Single Base Substitutions

P-0011329-T01-IM5: 0 subs

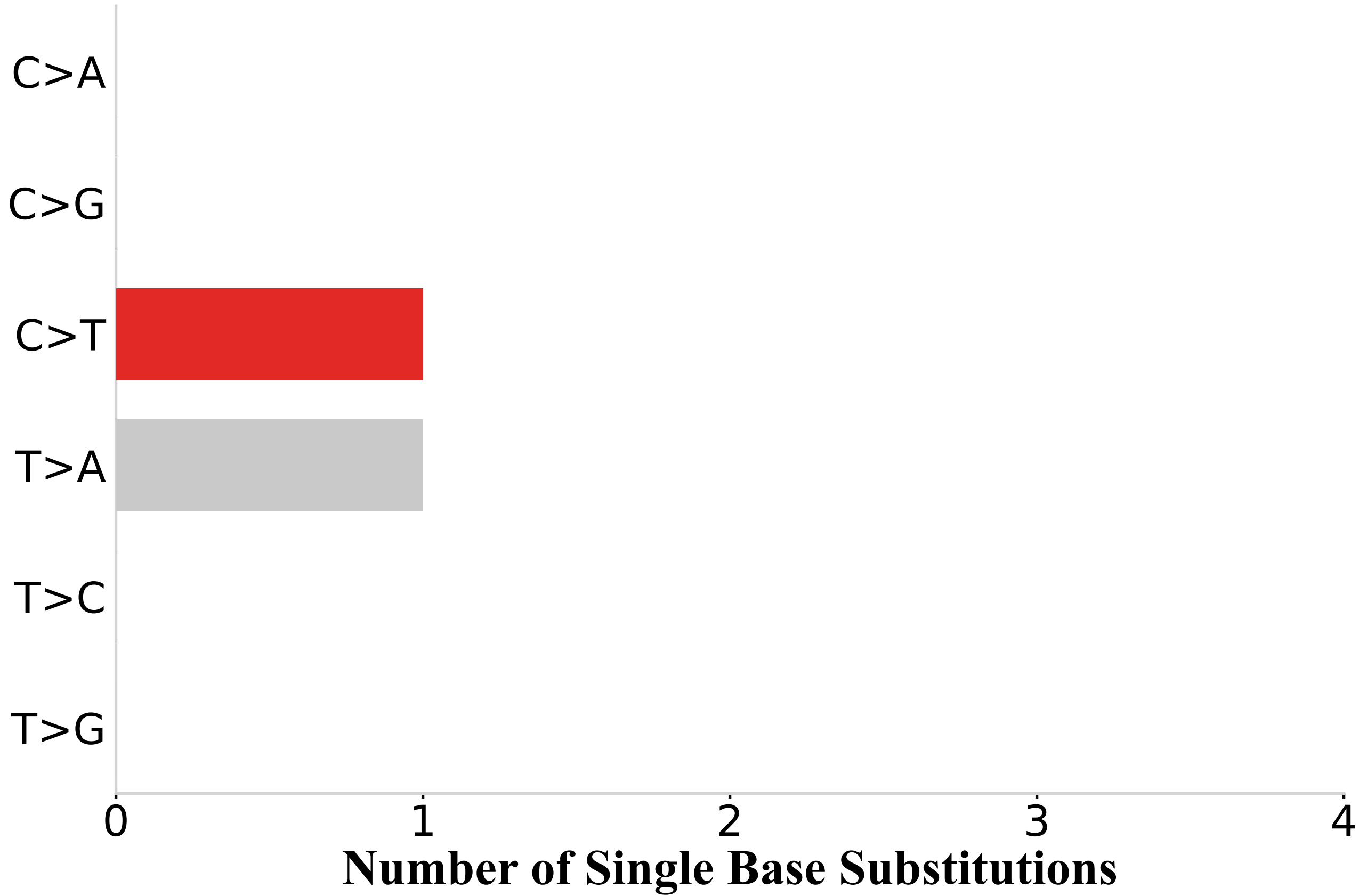
C>A
C>G
C>T
T>A
T>C
T>G



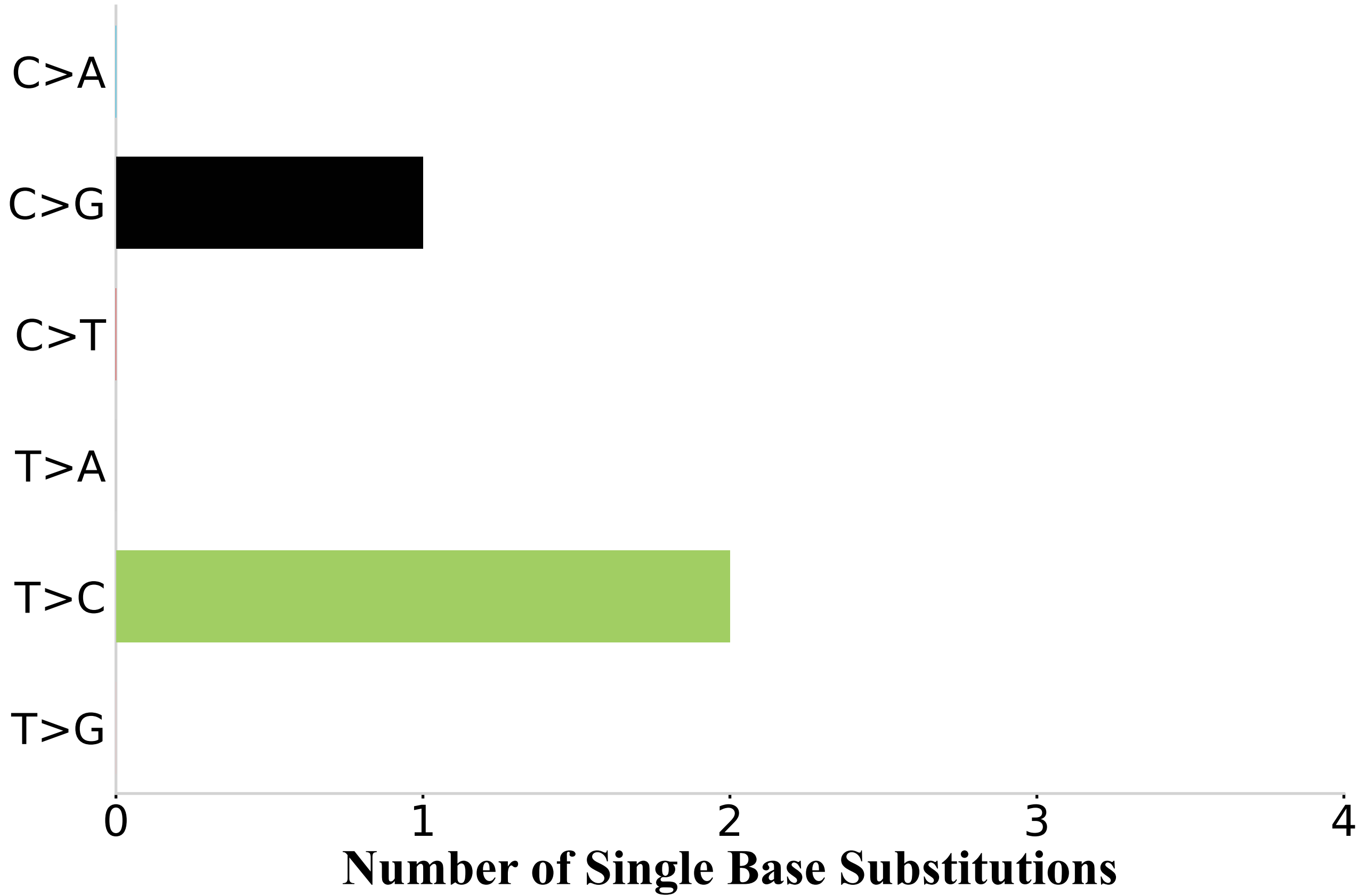
0

Number of Single Base Substitutions

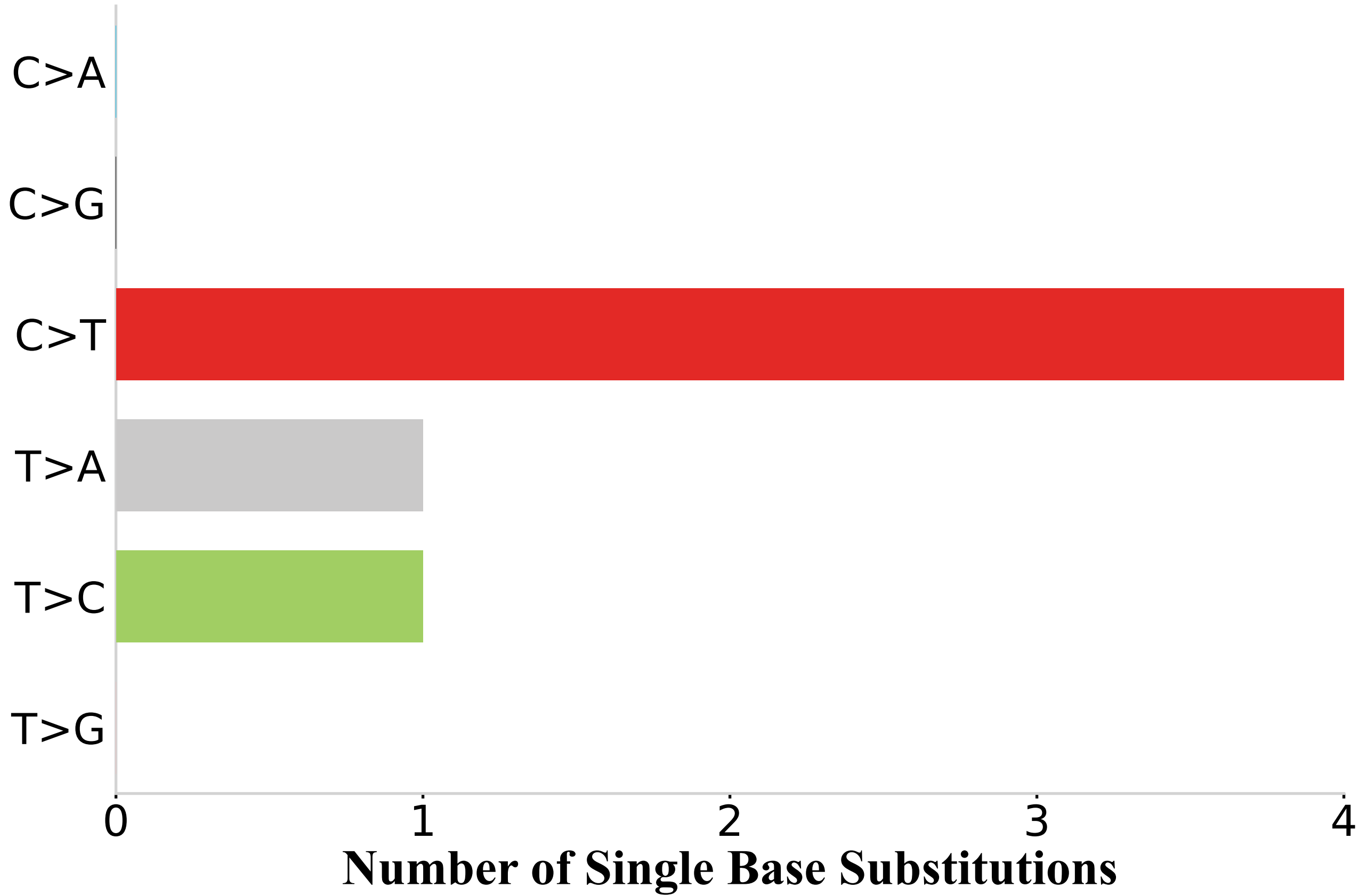
P-0011394-T01-IM5: 2 subs



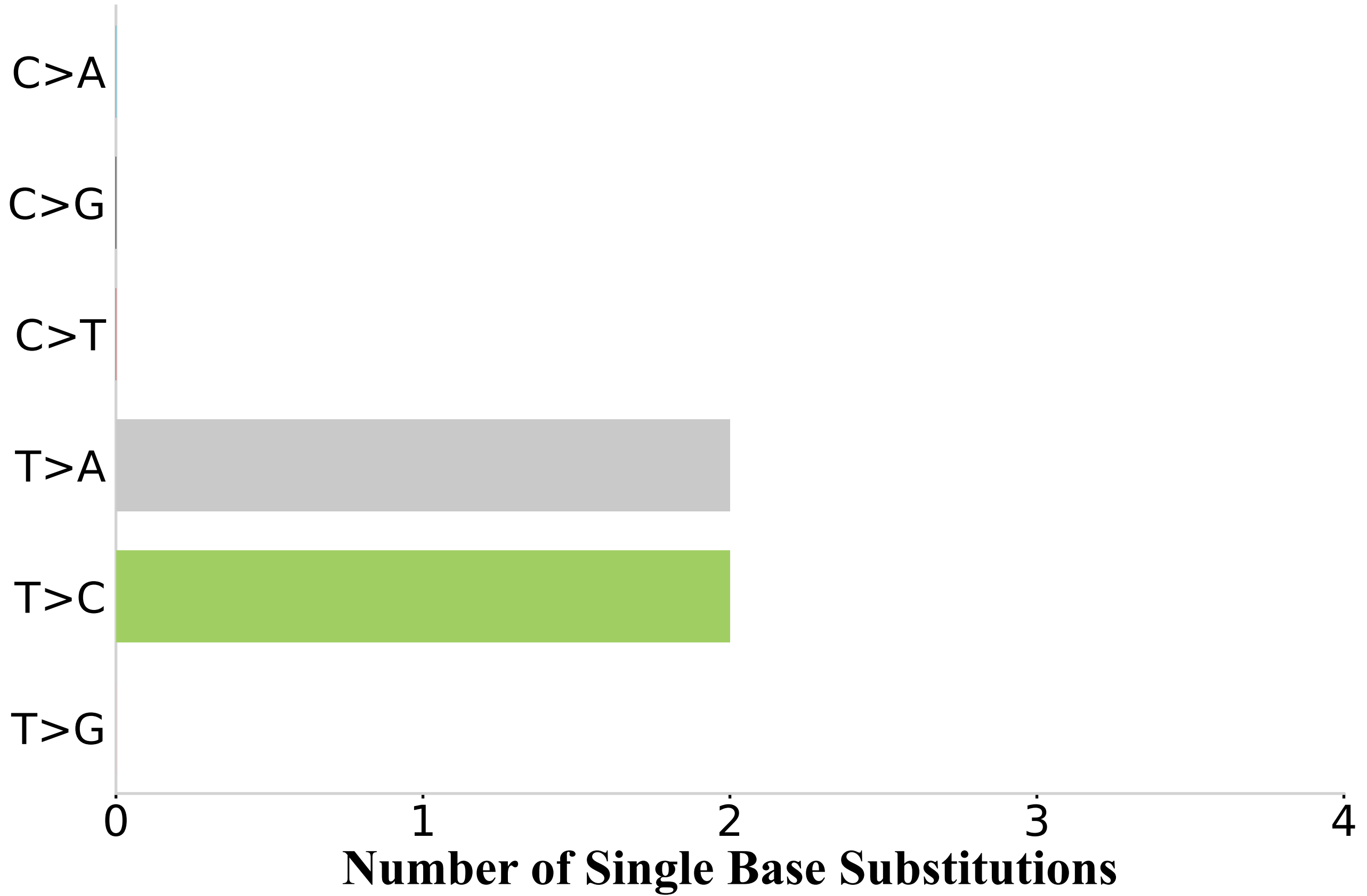
P-0011416-T01-IM5: 3 subs



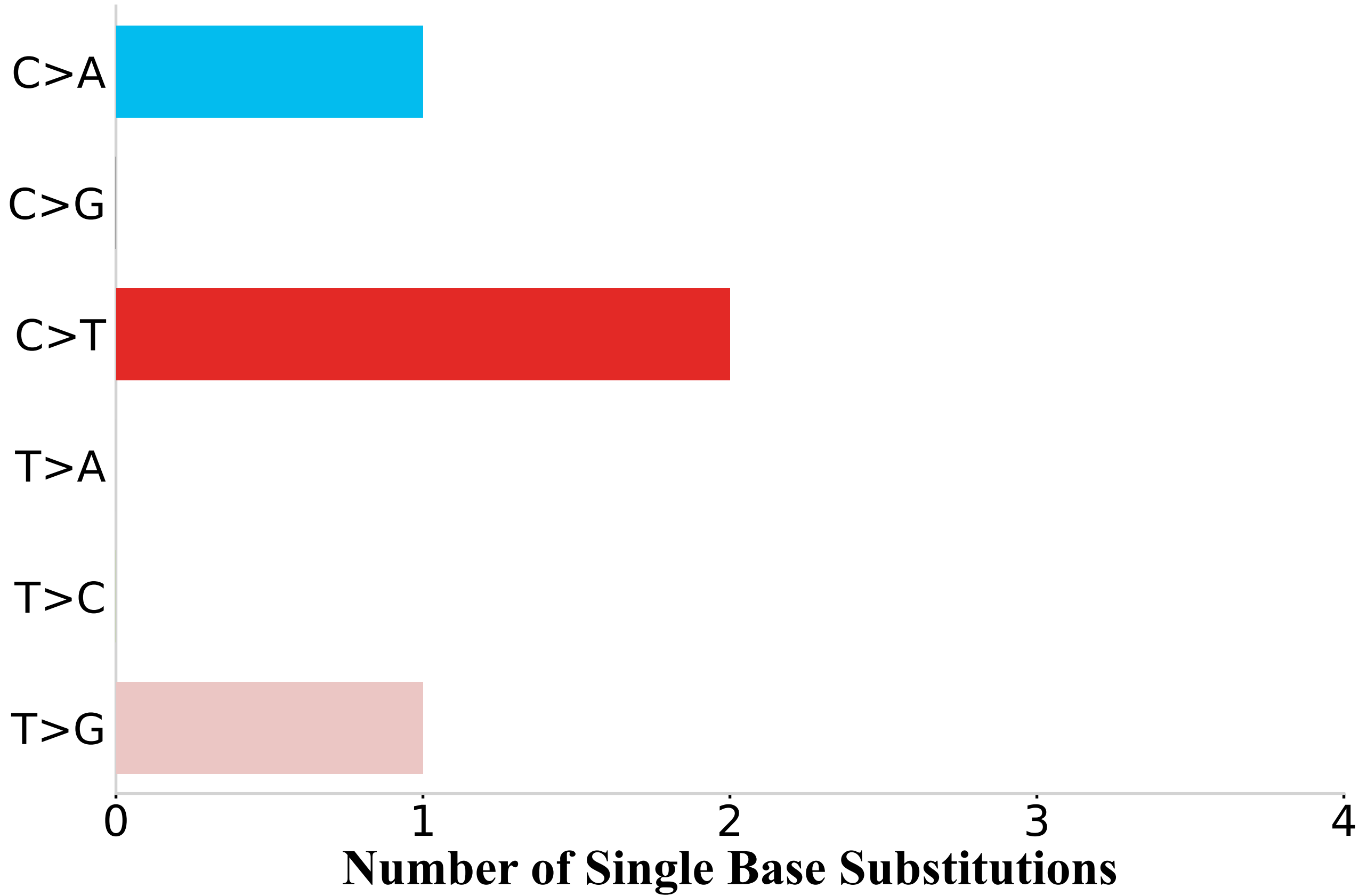
P-0011516-T01-IM5: 6 subs



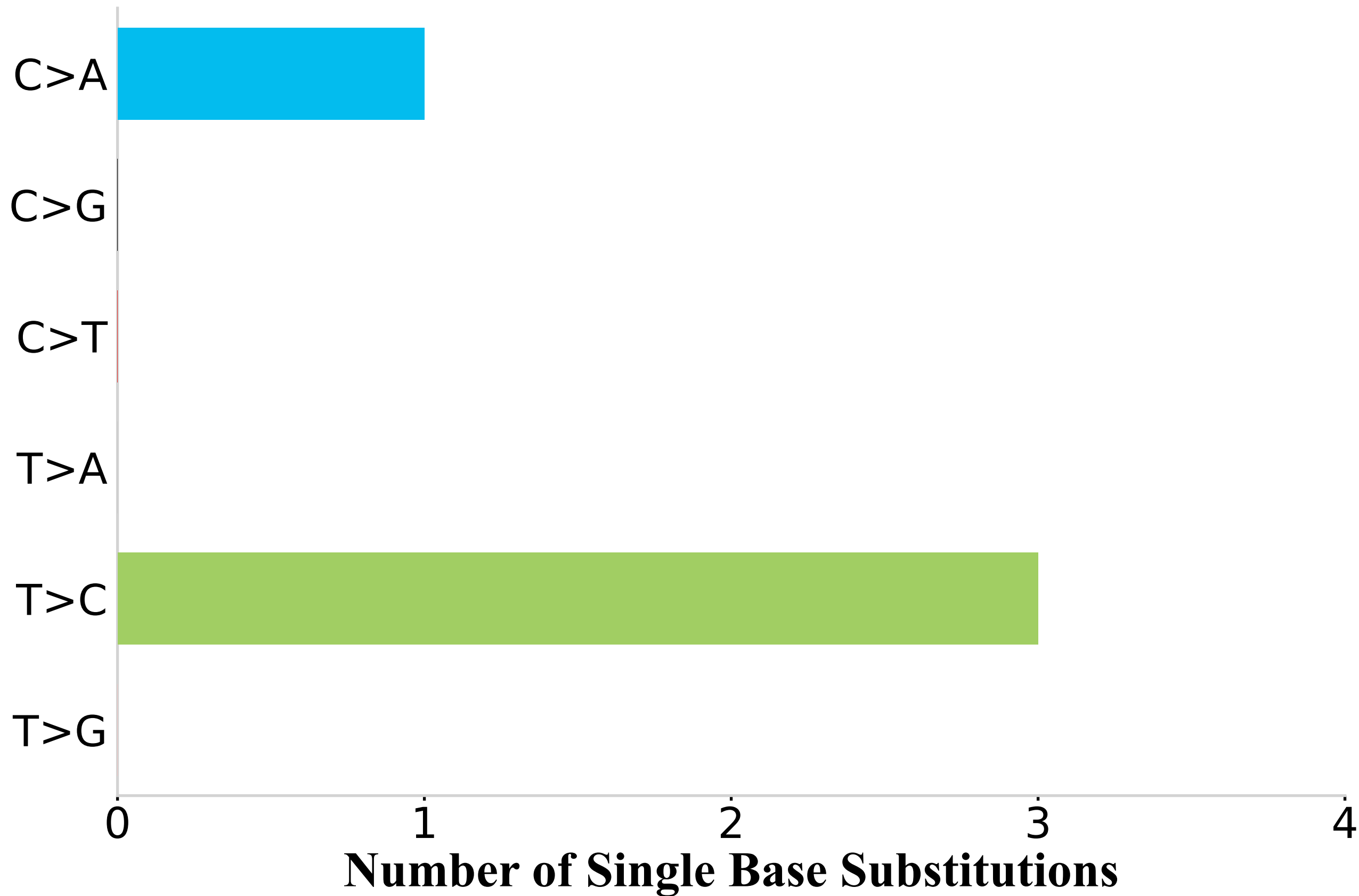
P-0011556-T01-IM5: 4 subs



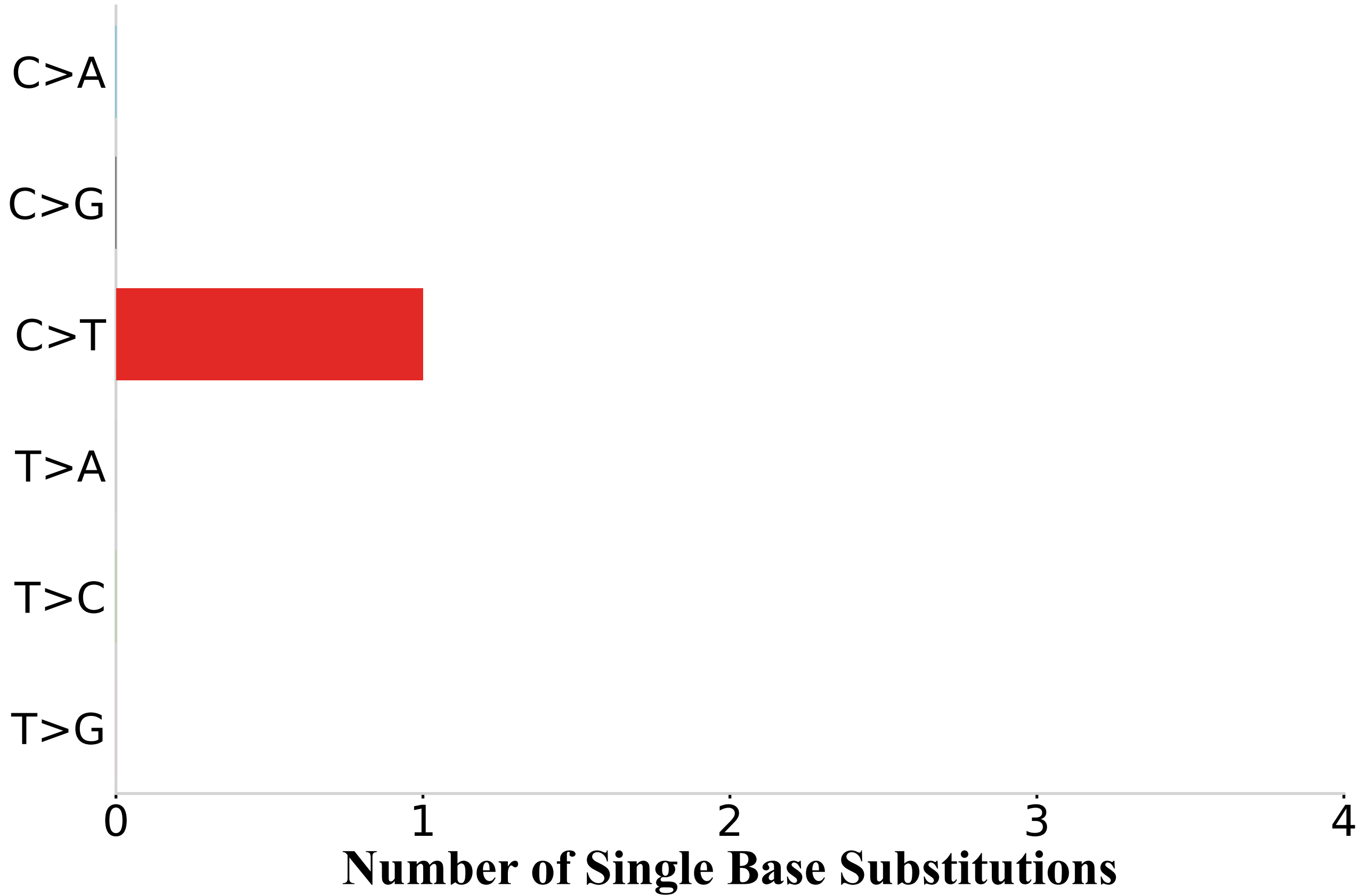
P-0011566-T03-IM6: 4 subs



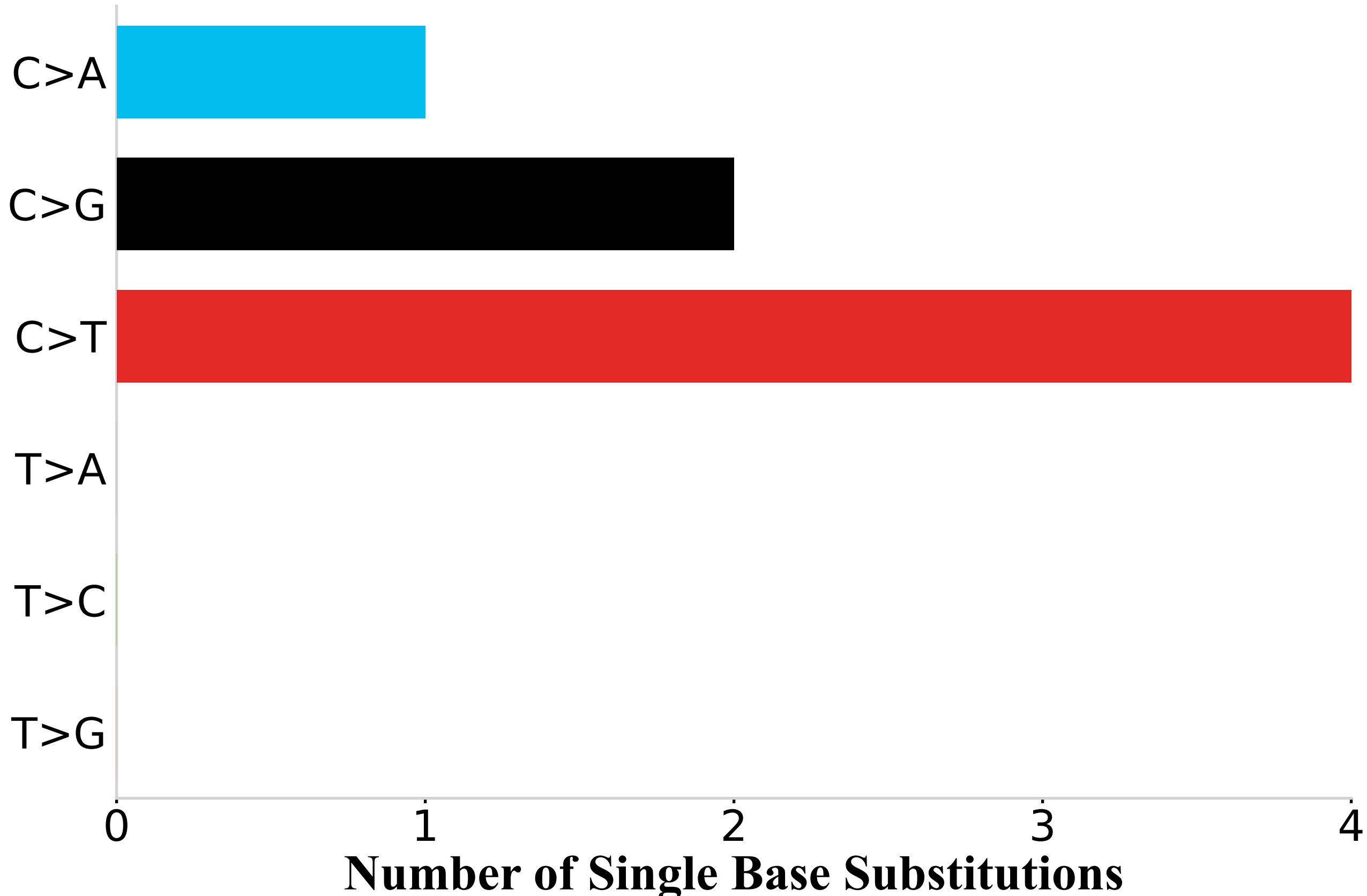
P-0012003-T01-IM5: 4 subs



P-0012538-T01-IM5: 1 subs



P-0012553-T01-IM5: 7 subs



P-0012626-T01-IM5: 0 subs

C>A

C>G

C>T

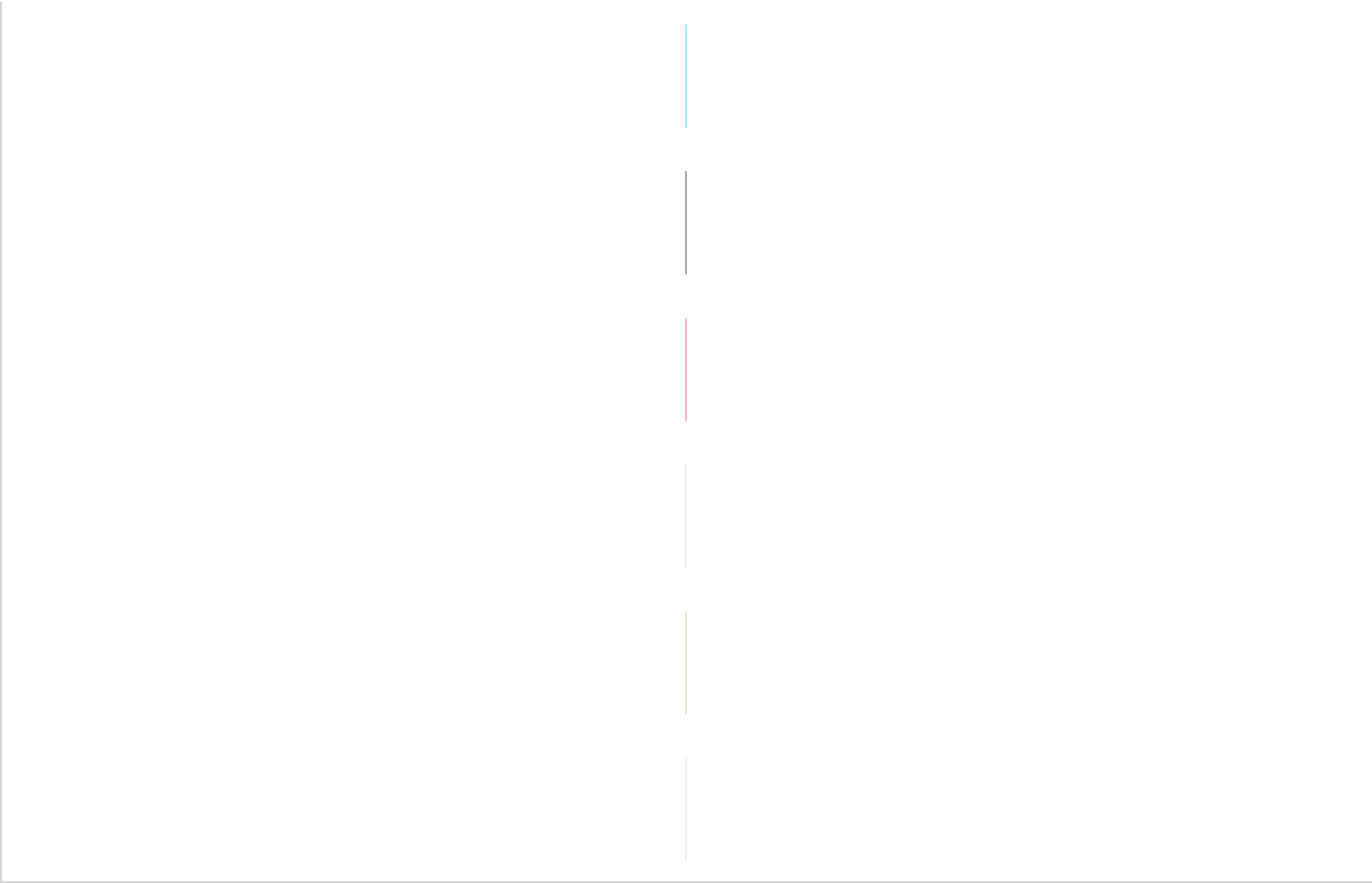
T>A

T>C

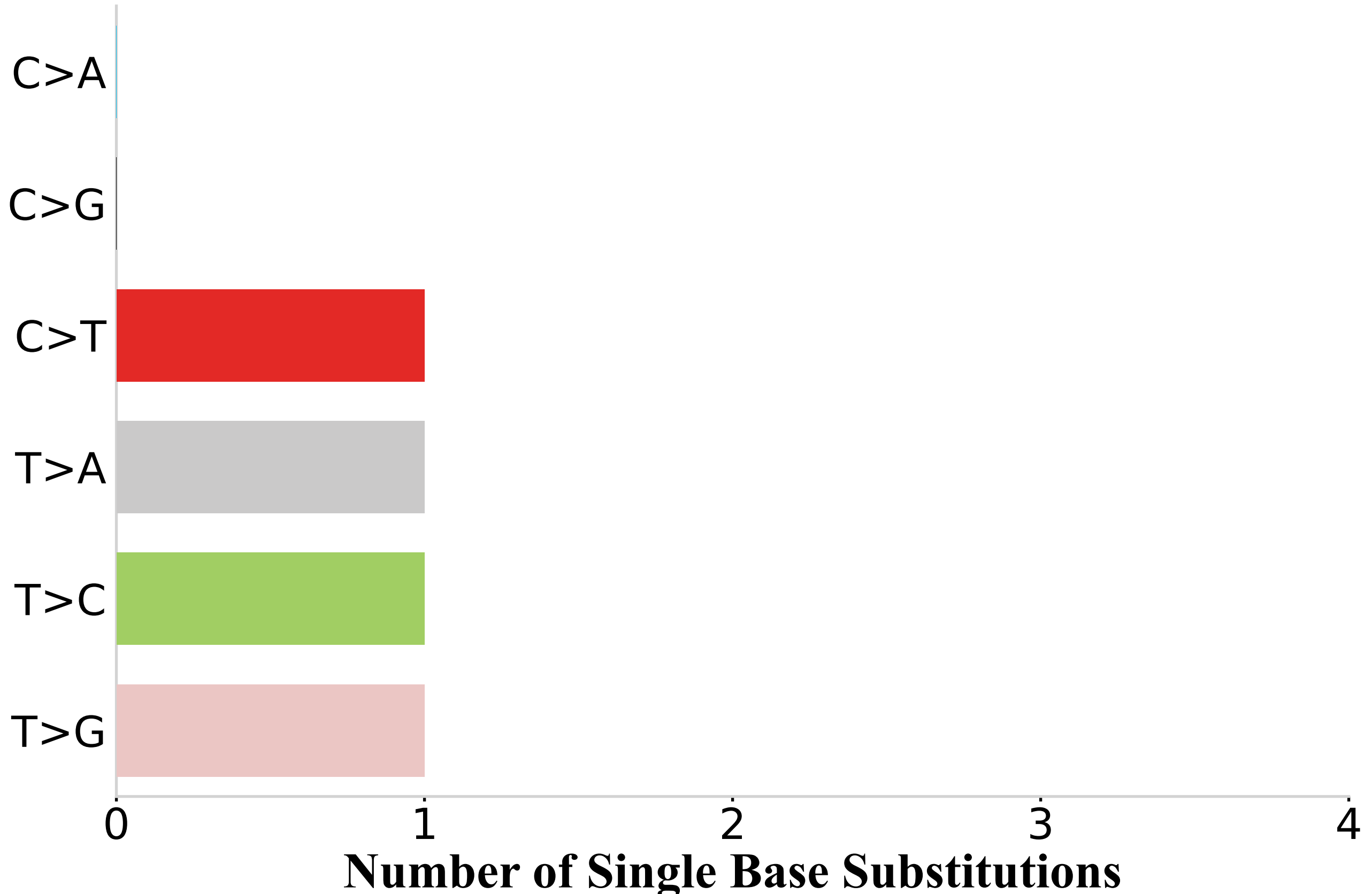
T>G

0

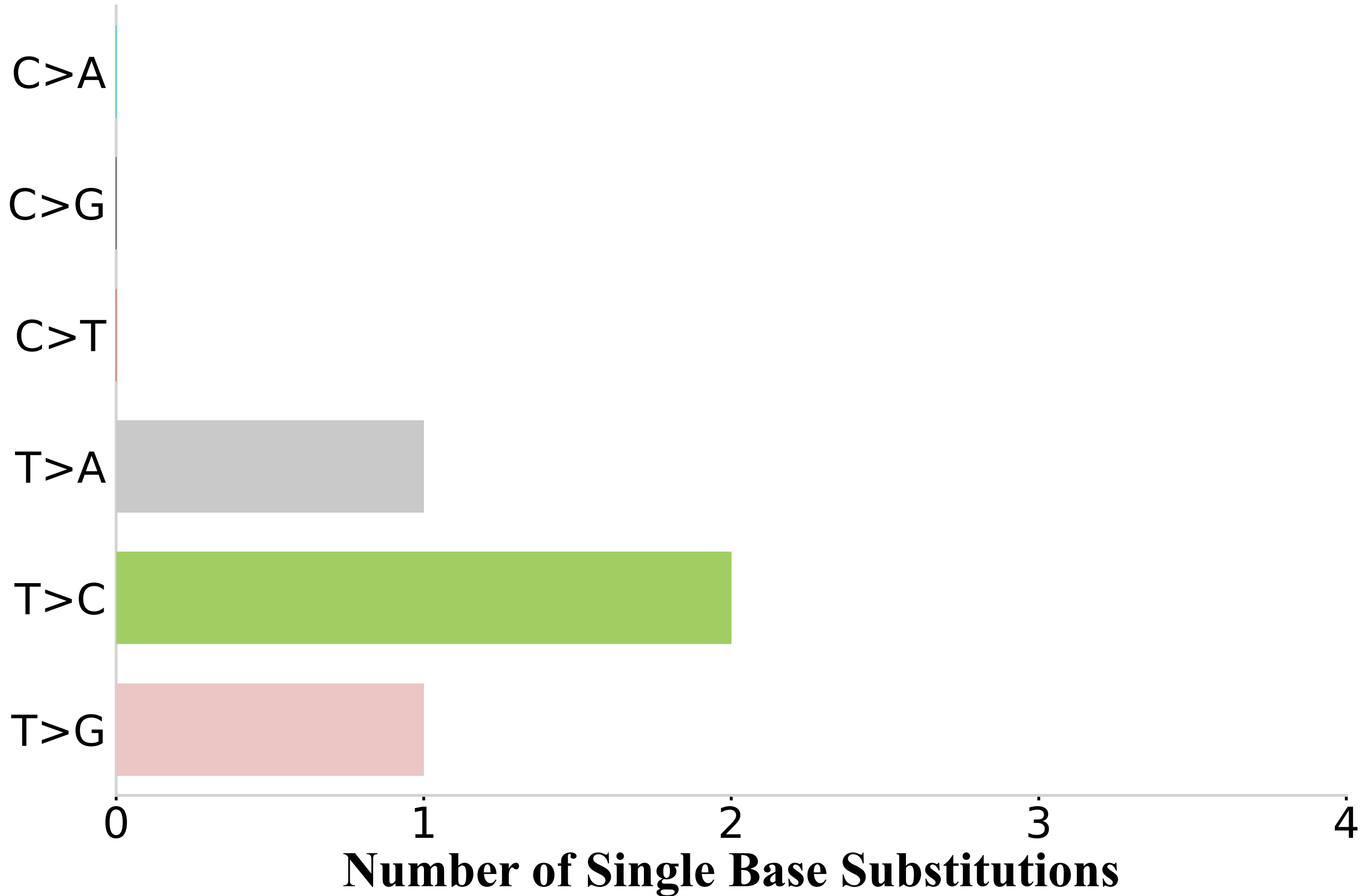
Number of Single Base Substitutions



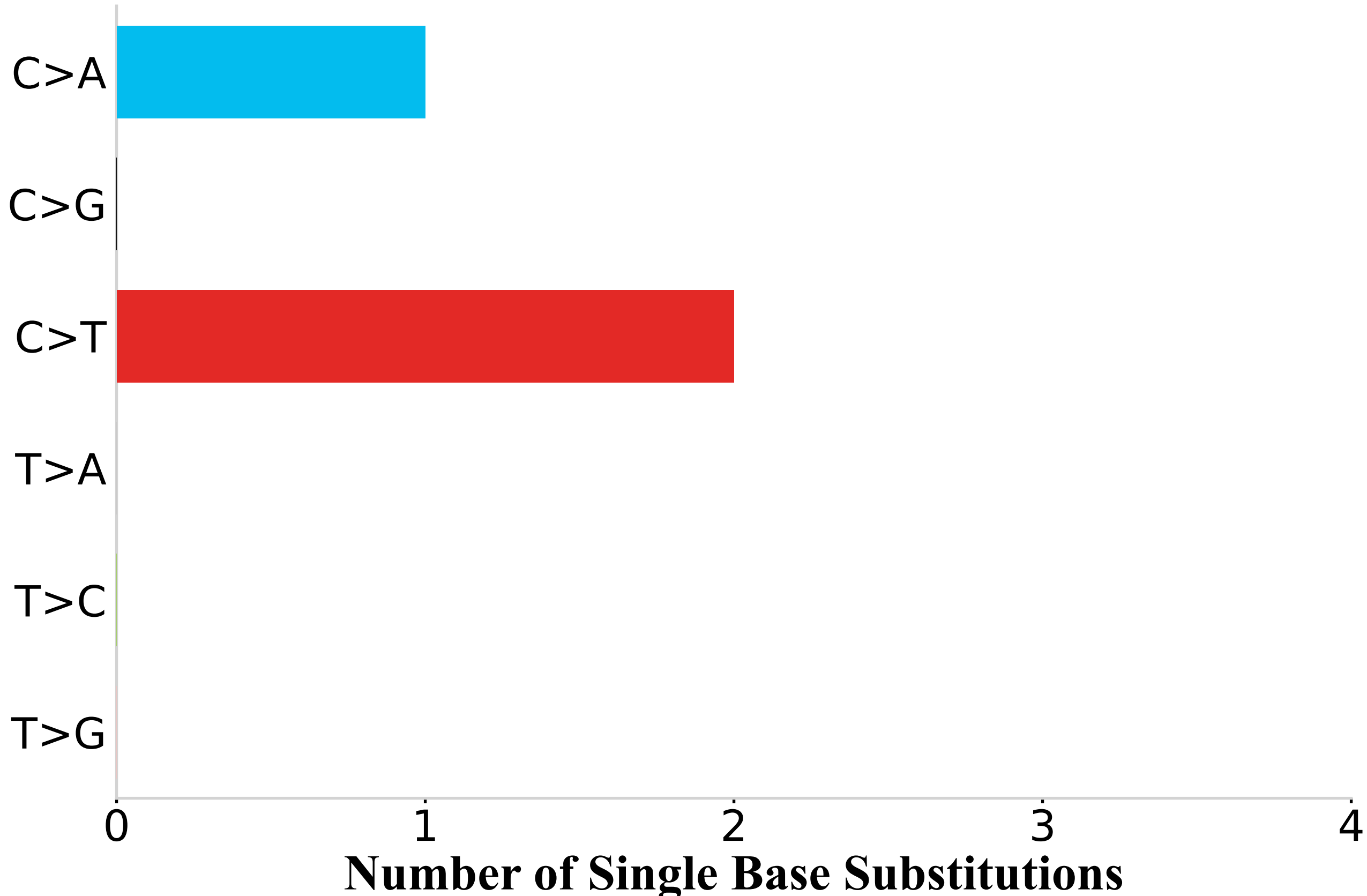
P-0012639-T01-IM5: 4 subs



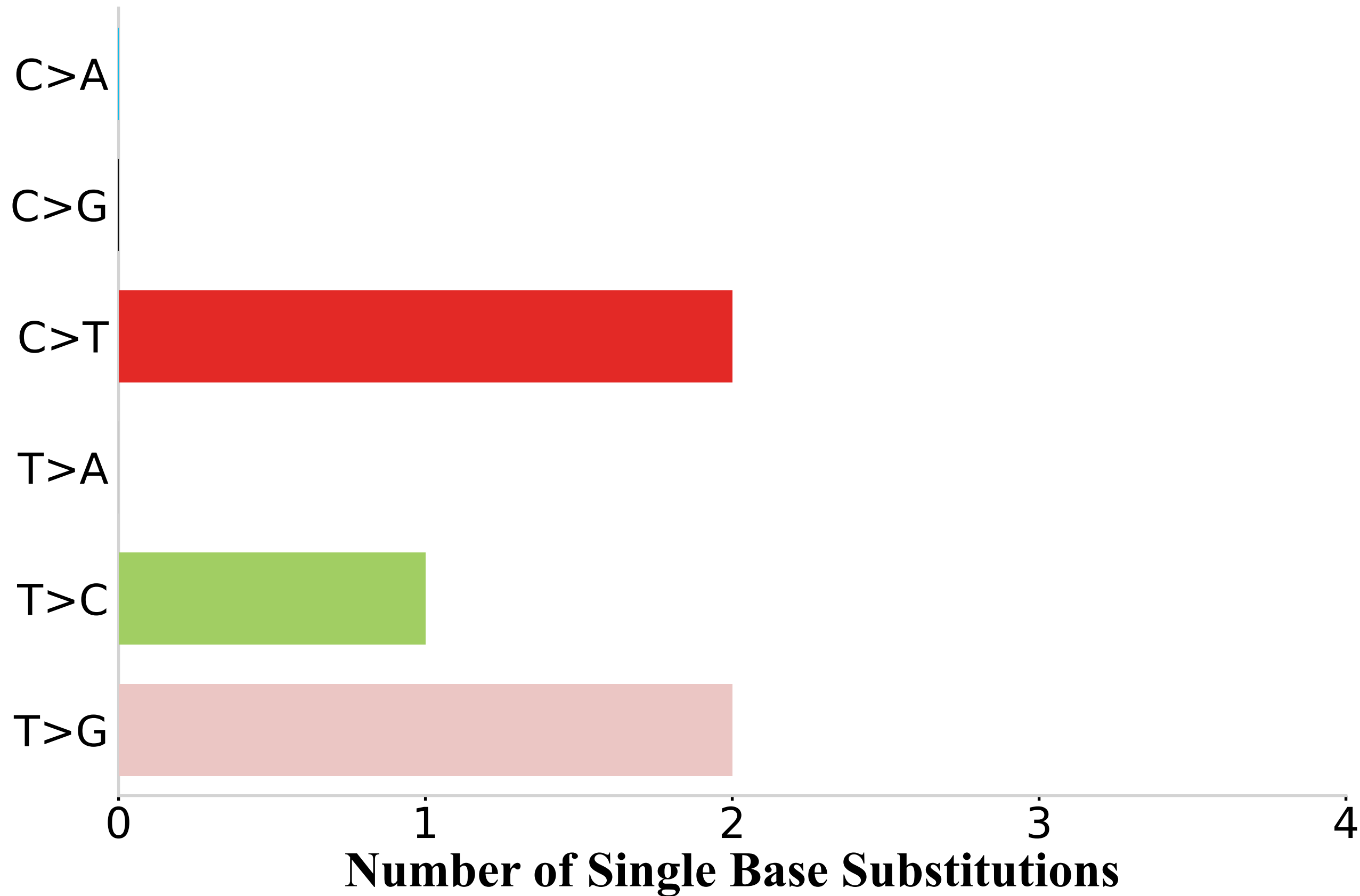
P-0012644-T01-IM5: 4 subs



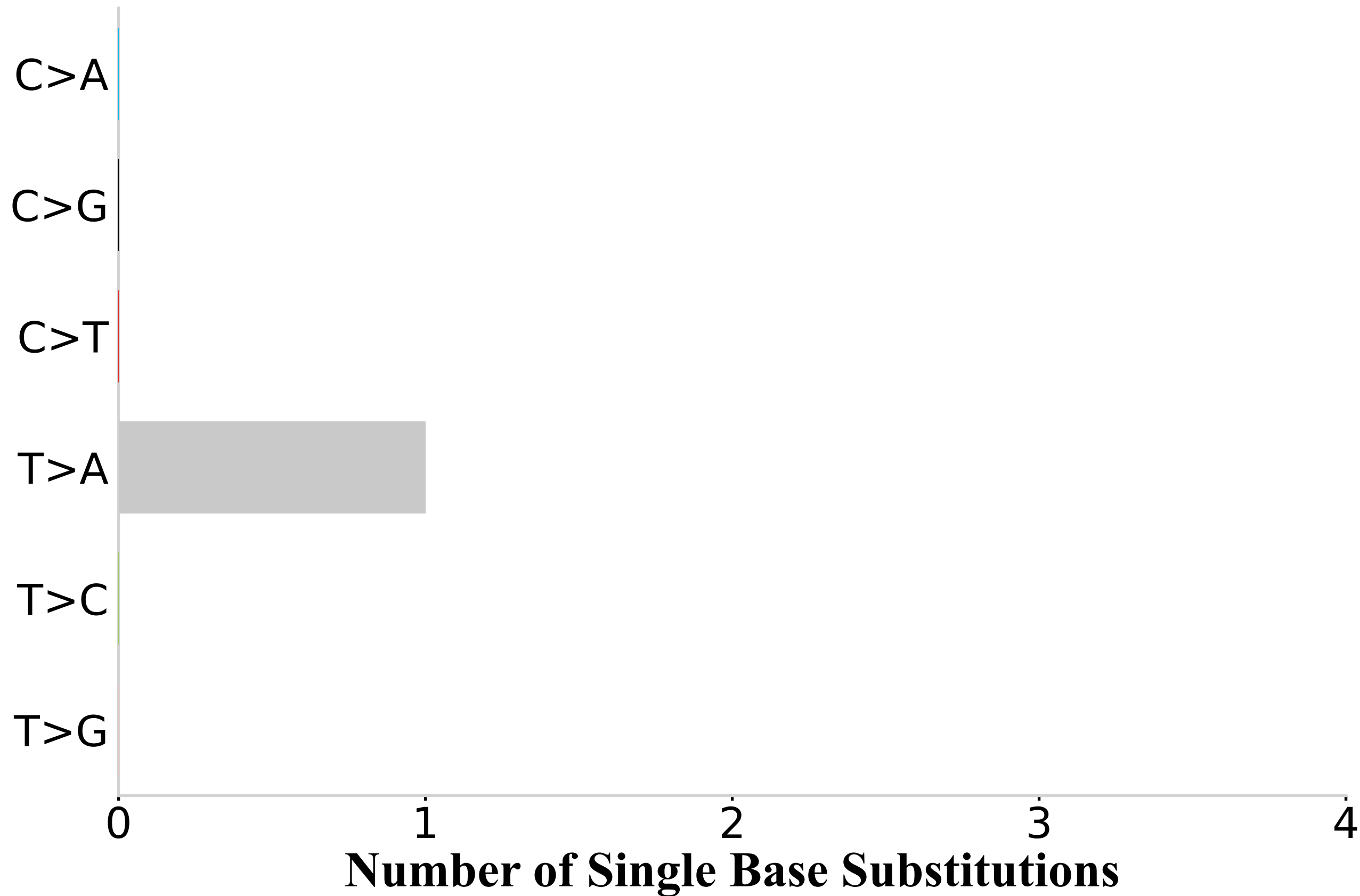
P-0012666-T01-IM5: 3 subs



P-0012867-T01-IM5: 5 subs



P-0013174-T01-IM5: 1 subs



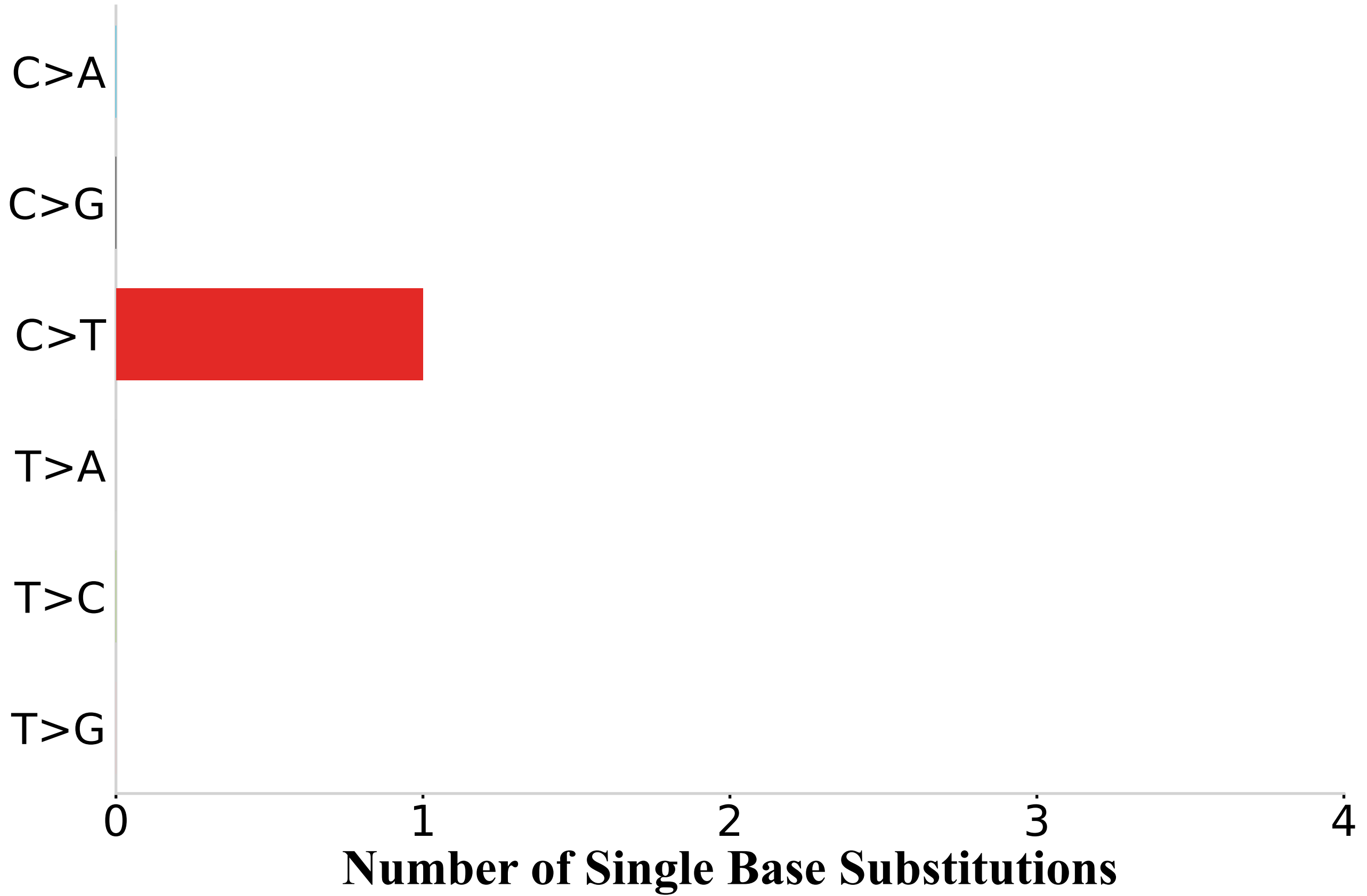
P-0013241-T01-IM5: 1 subs



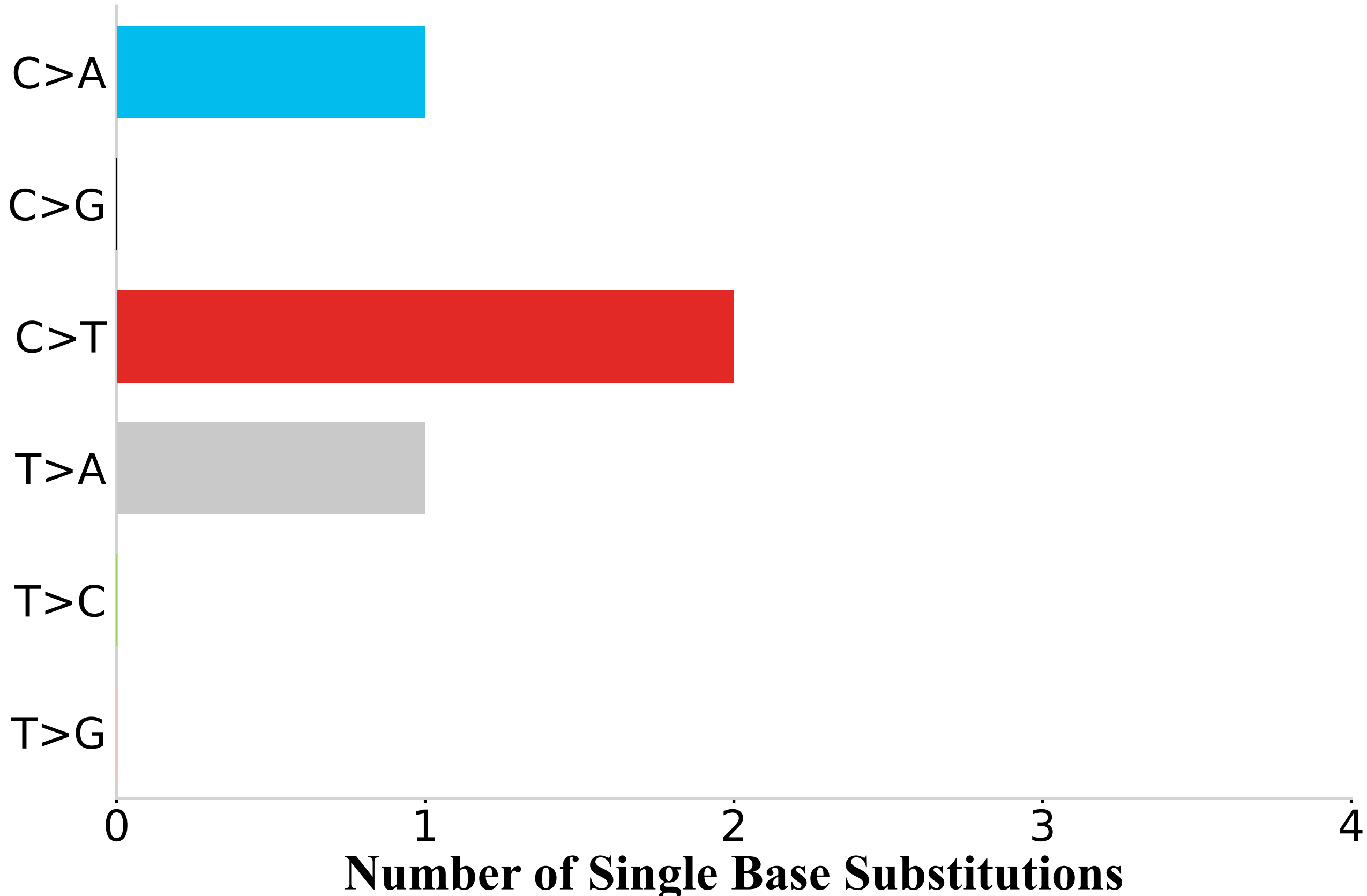
P-0013287-T01-IM5: 1 subs



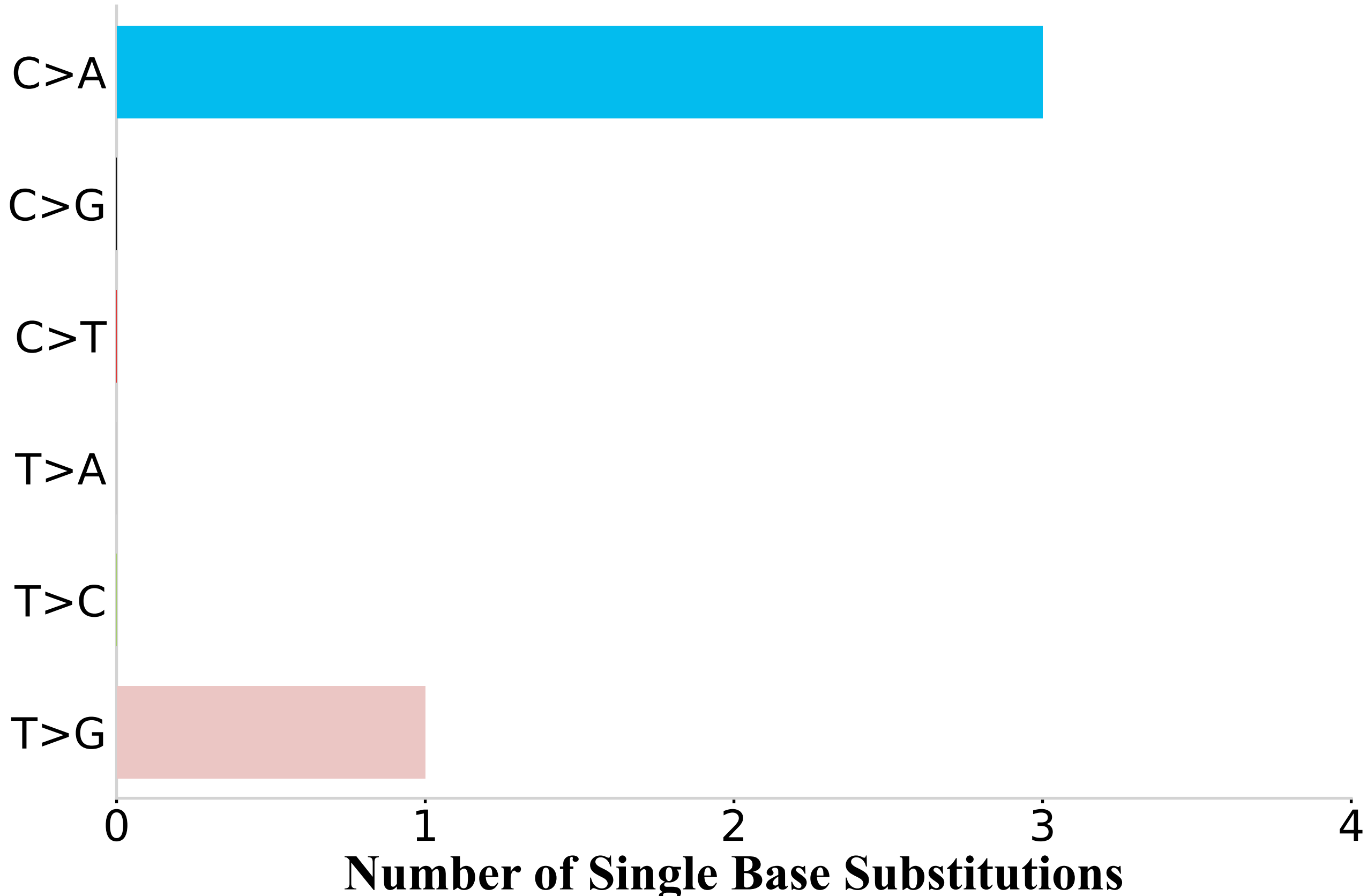
P-0013405-T01-IM5: 1 subs



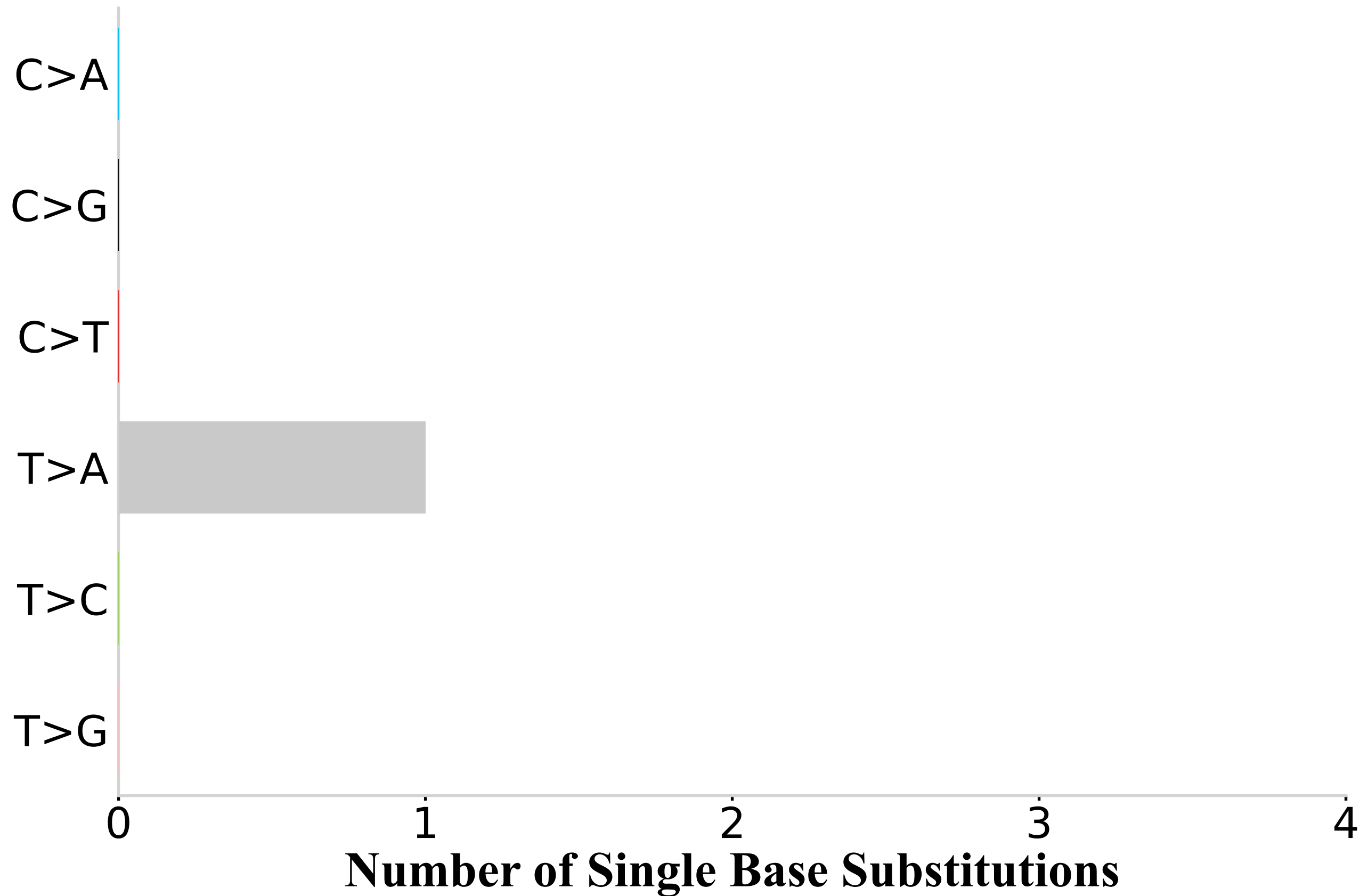
P-0013713-T01-IM5: 4 subs



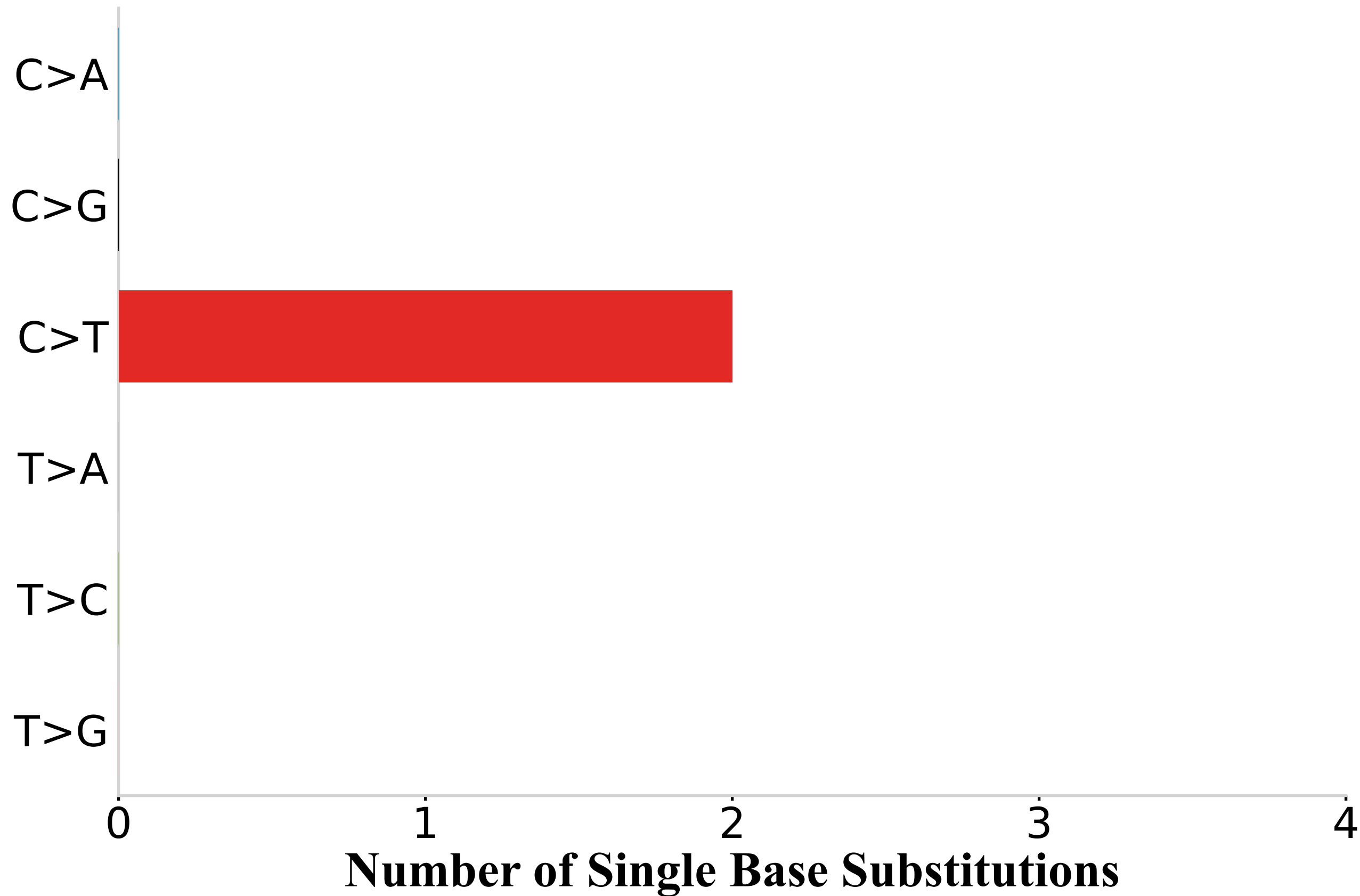
P-0013767-T01-IM5: 4 subs



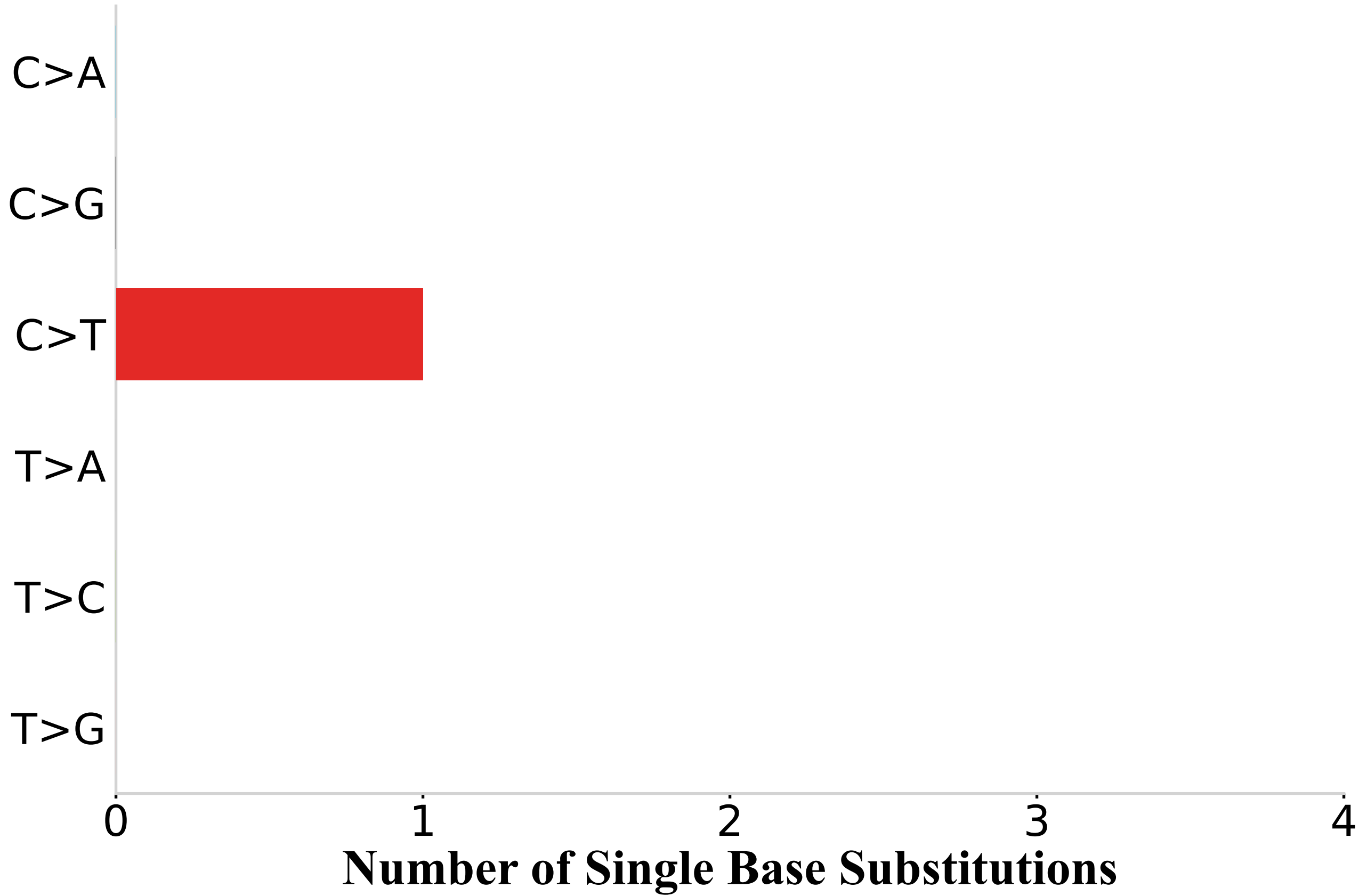
P-0013882-T01-IM5: 1 subs



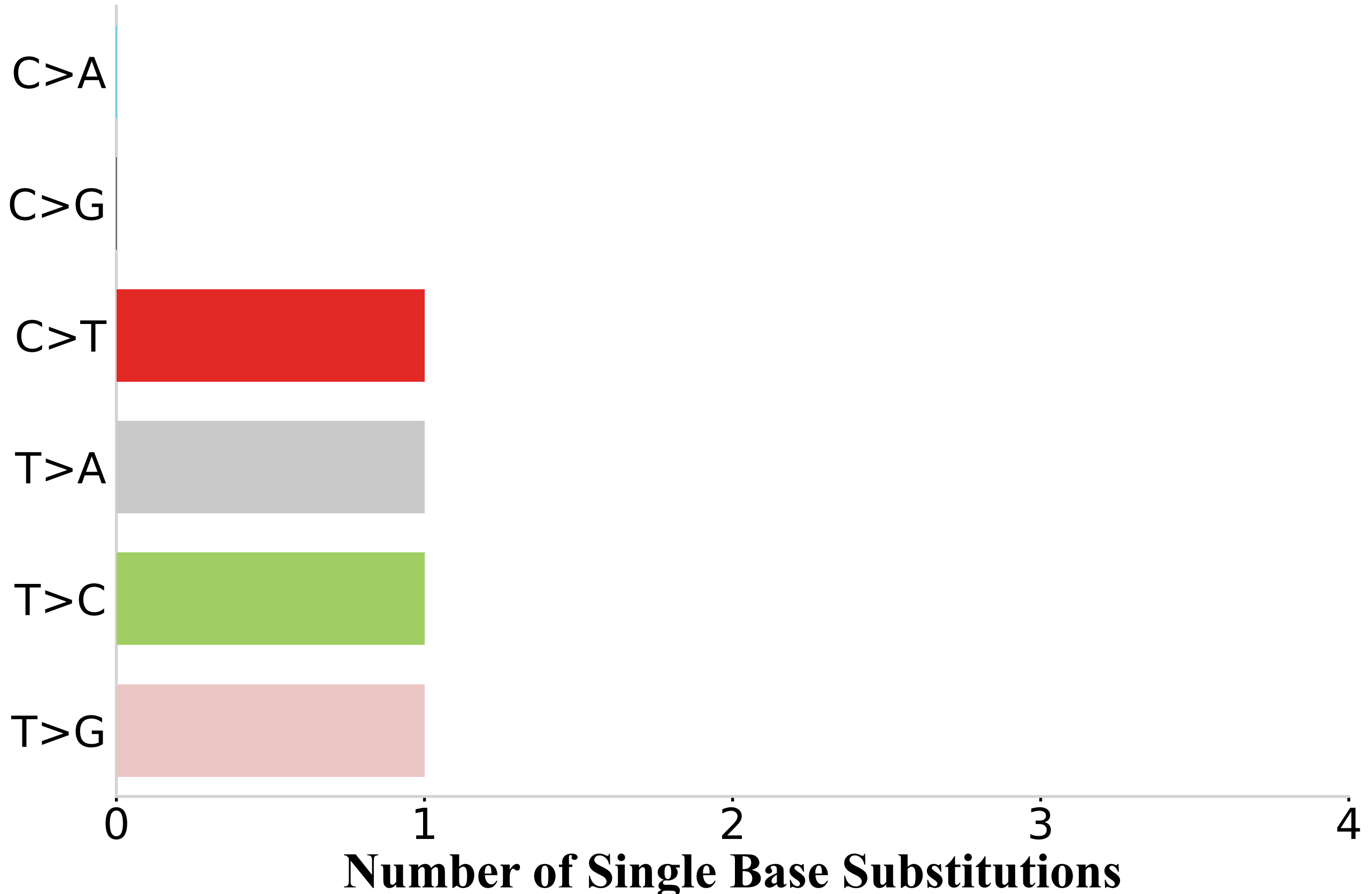
P-0013971-T01-IM5: 2 subs



P-0014155-T01-IM5: 1 subs



P-0014261-T01-IM6: 4 subs



P-0014432-T01-IM6: 0 subs

C>A

C>G

C>T

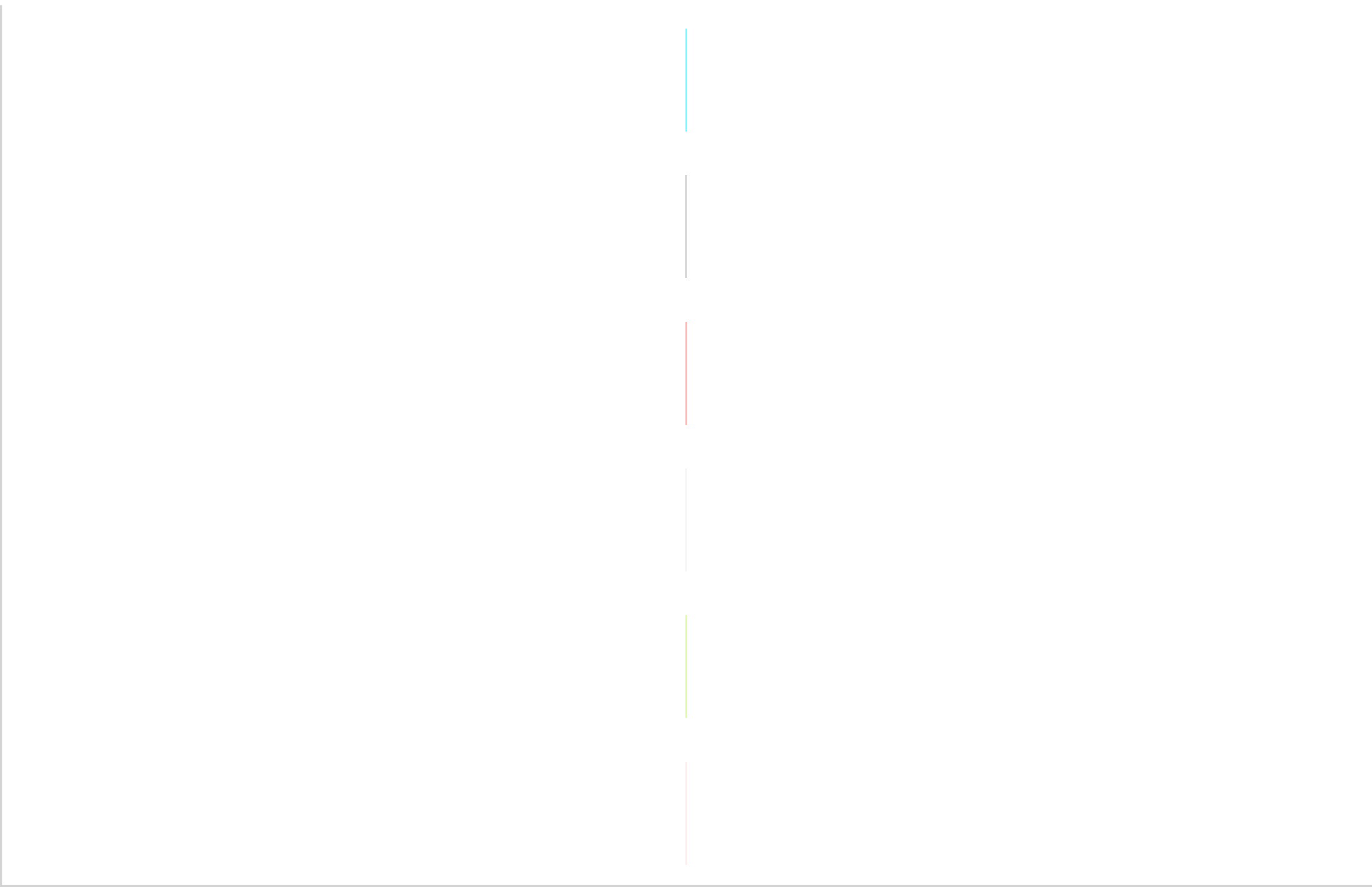
T>A

T>C

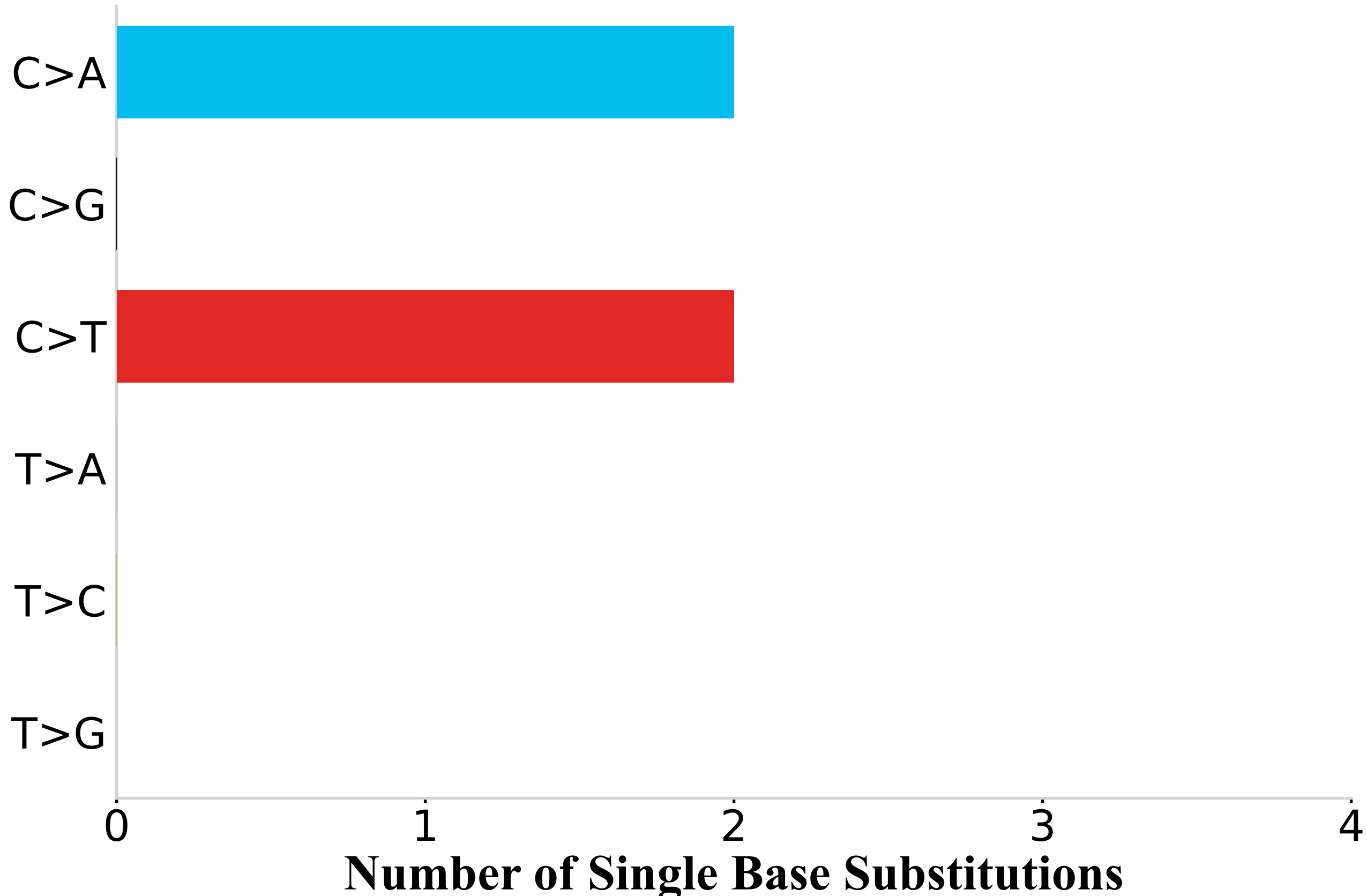
T>G

0

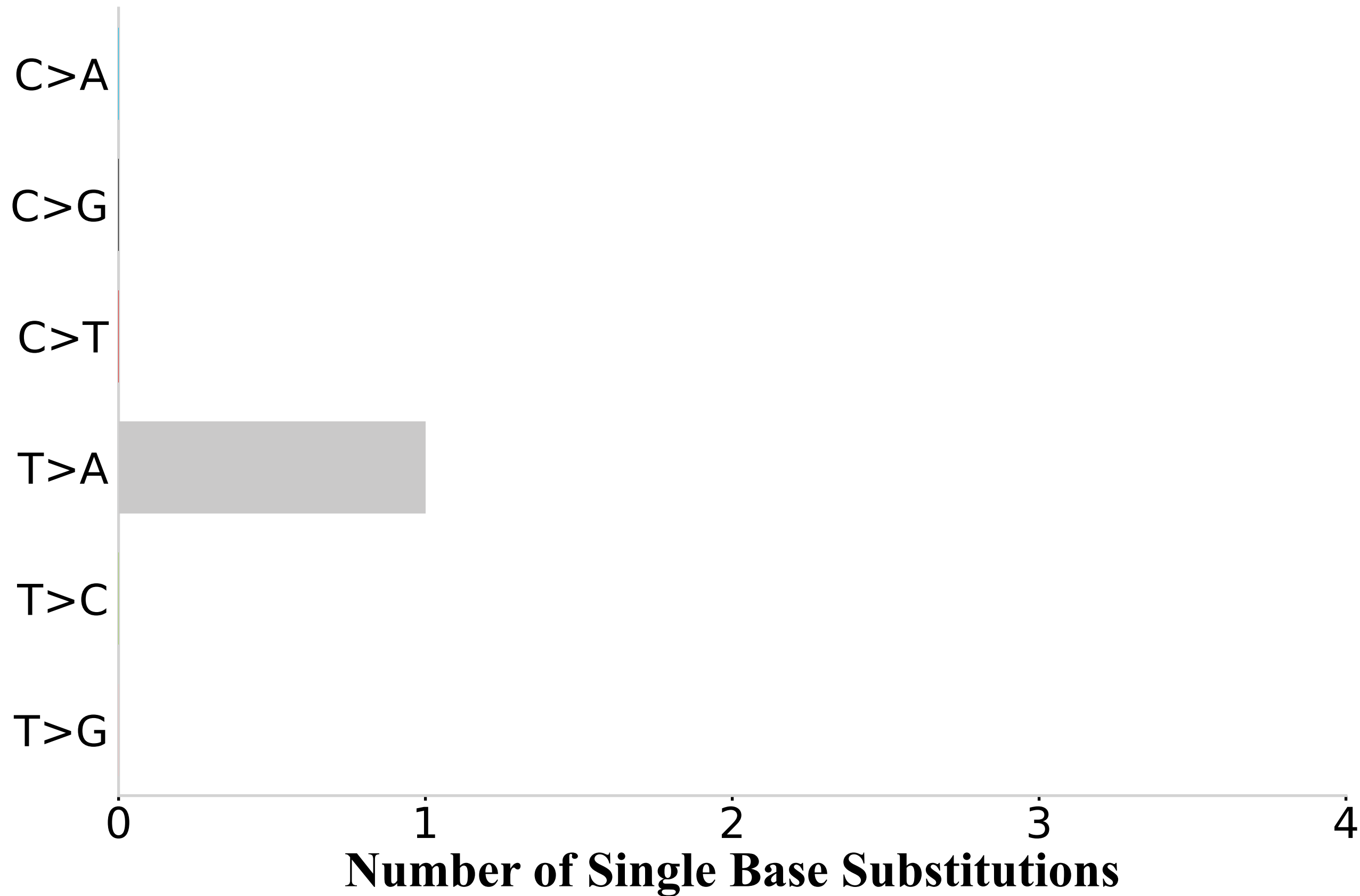
Number of Single Base Substitutions



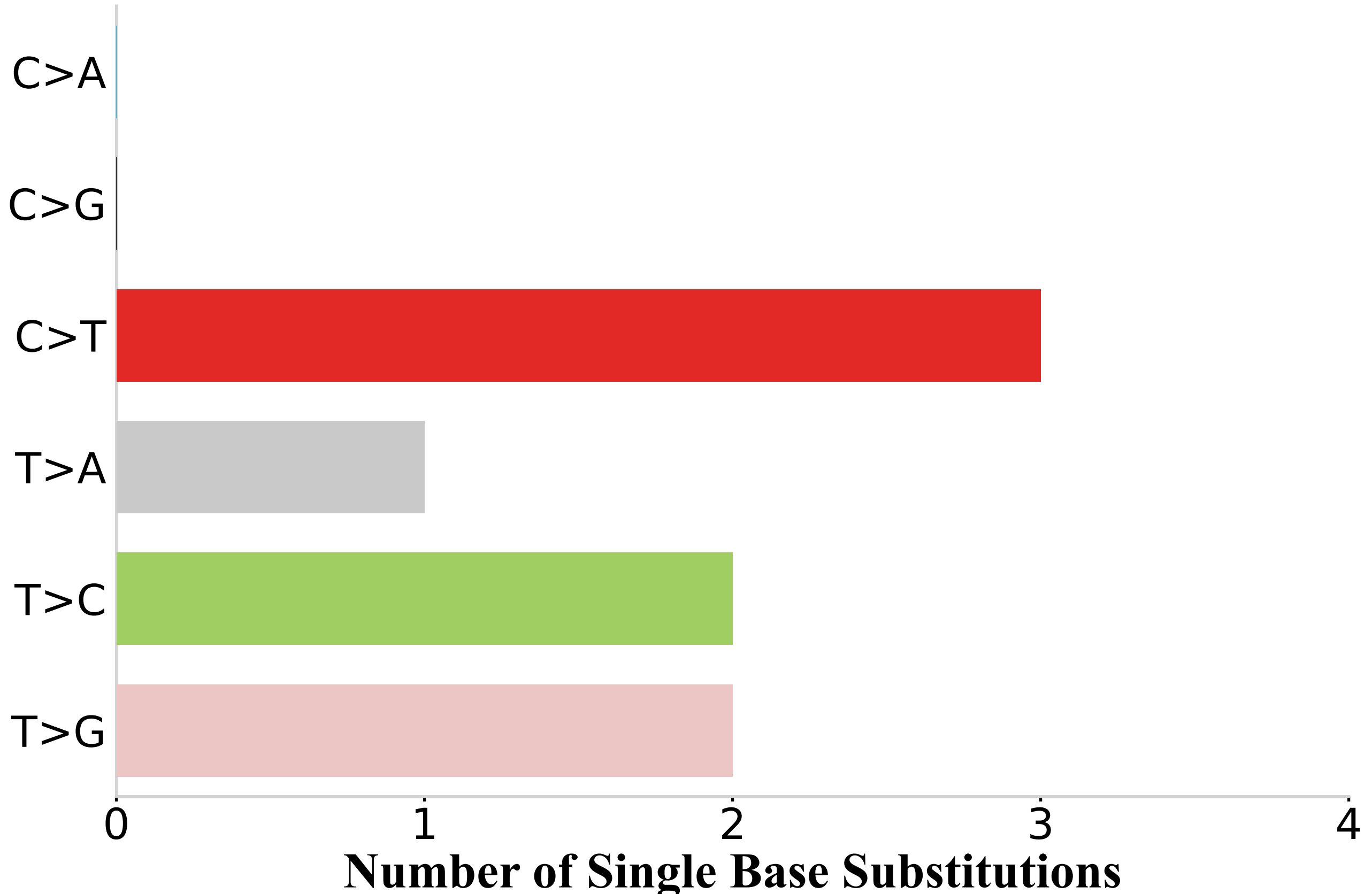
P-0014623-T01-IM6: 4 subs



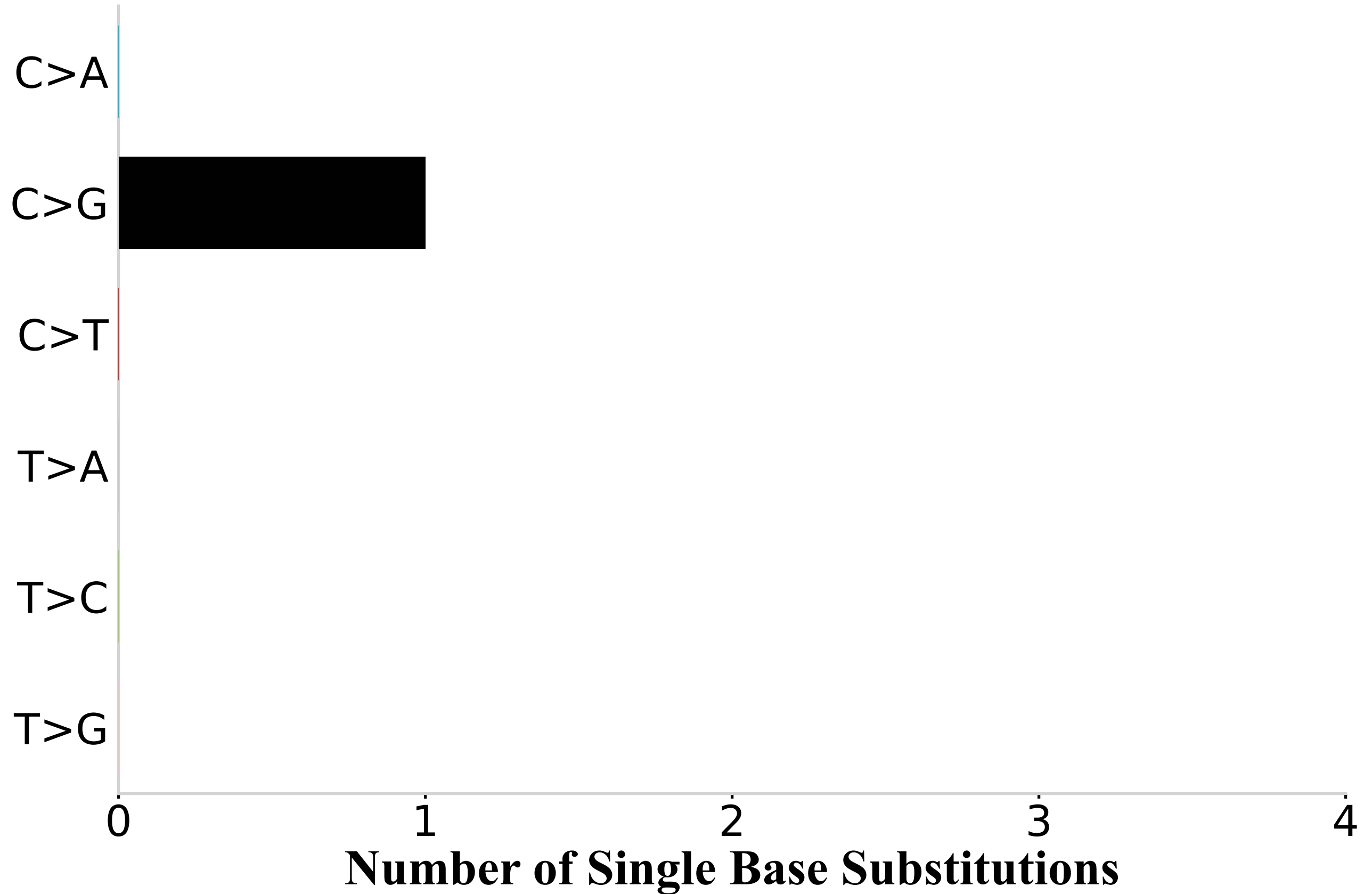
P-0014762-T01-IM6: 1 subs



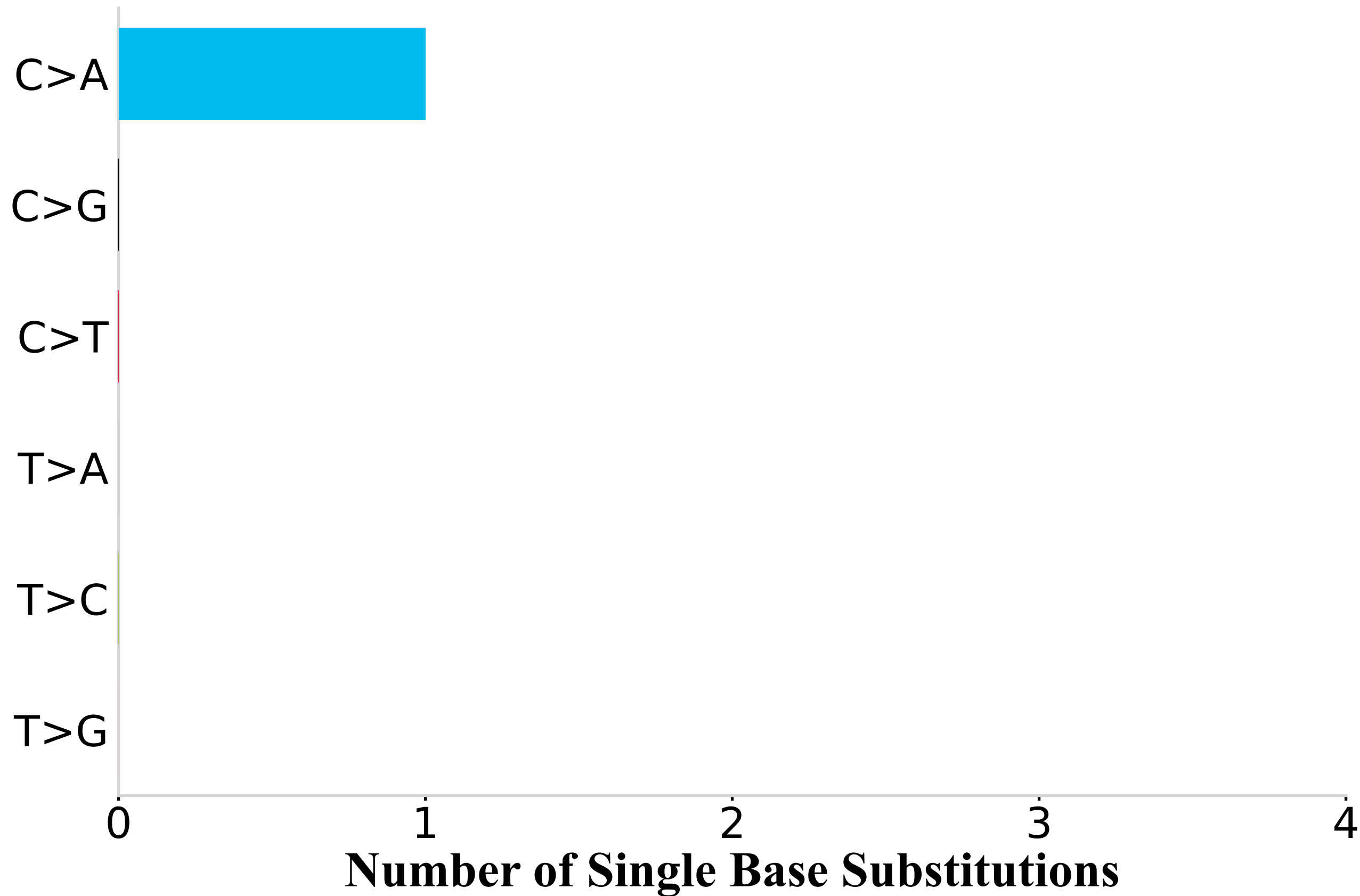
P-0014846-T01-IM6: 8 subs



P-0015031-T01-IM6: 1 subs



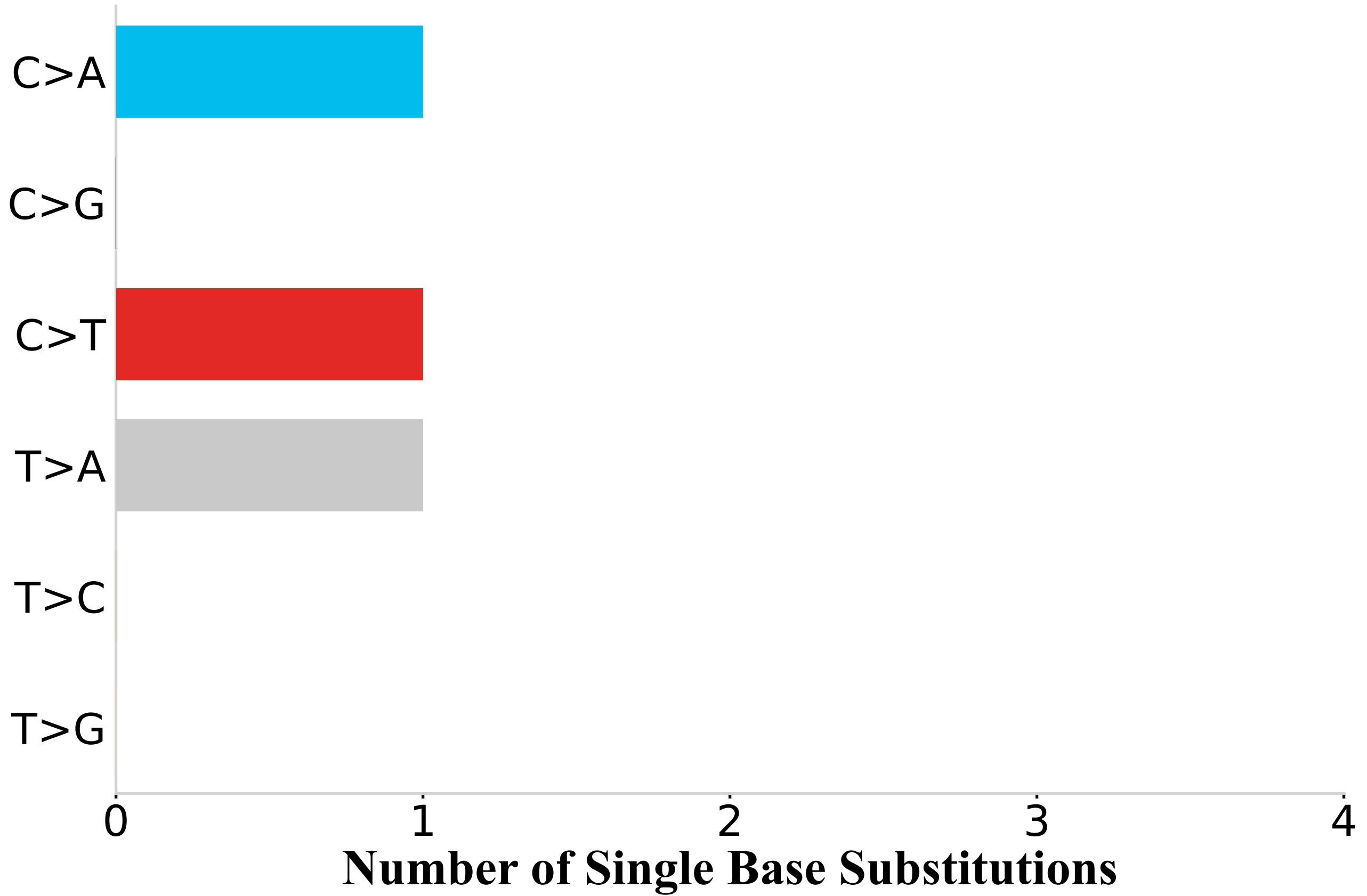
P-0015265-T01-IM6: 1 subs



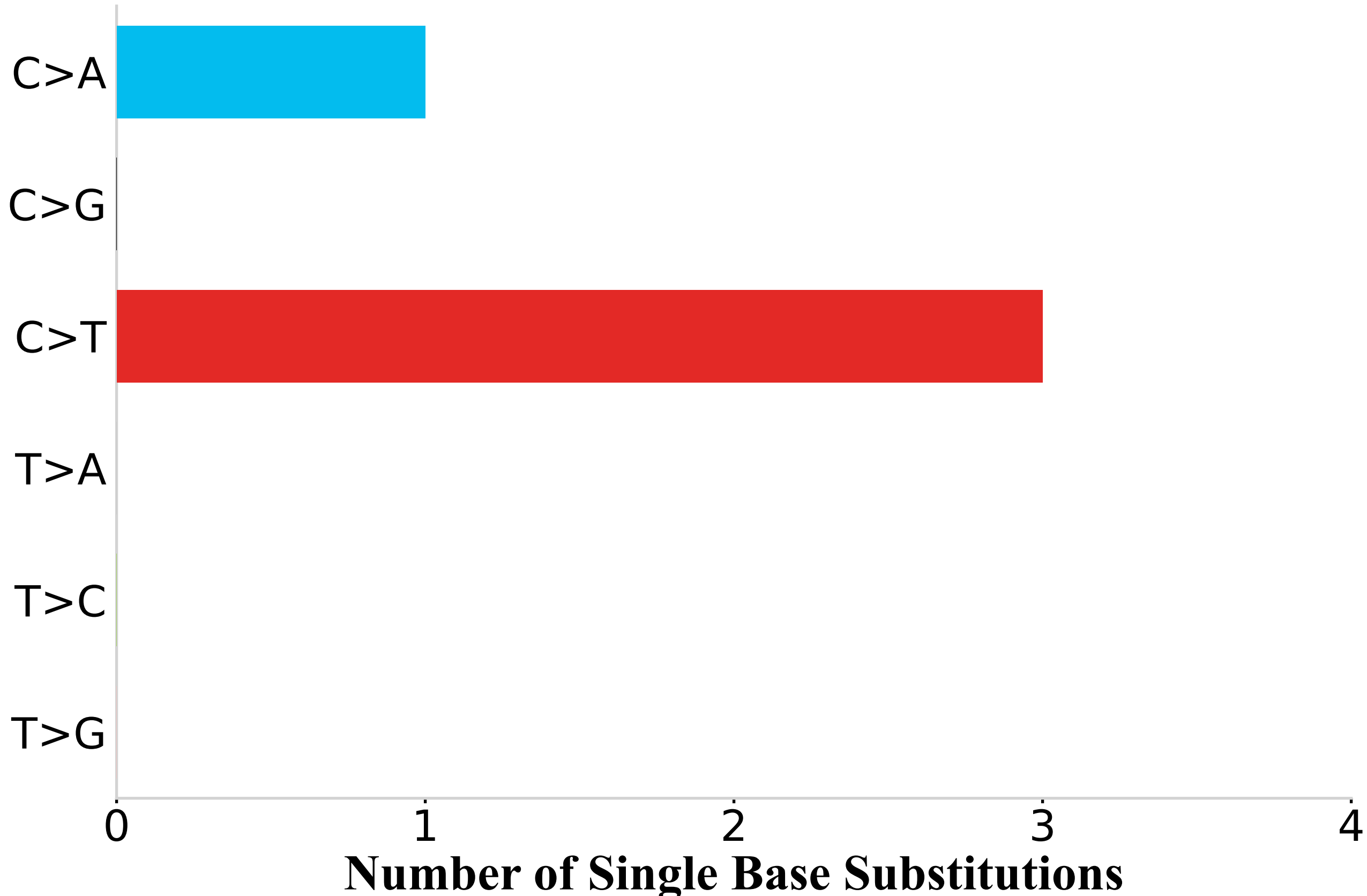
P-0015327-T01-IM6: 1 subs



P-0015686-T01-IM6: 3 subs



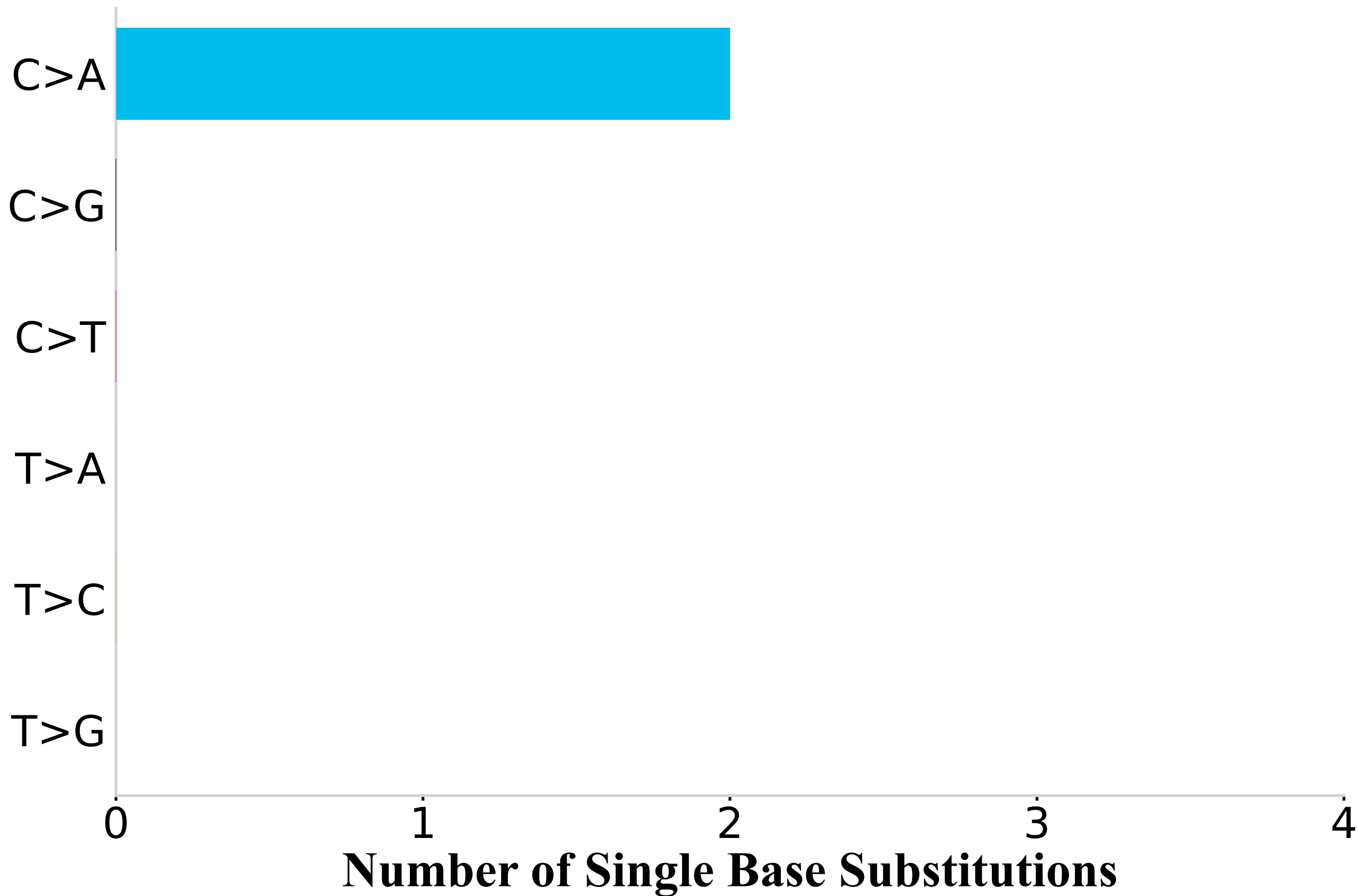
P-0015738-T01-IM6: 4 subs



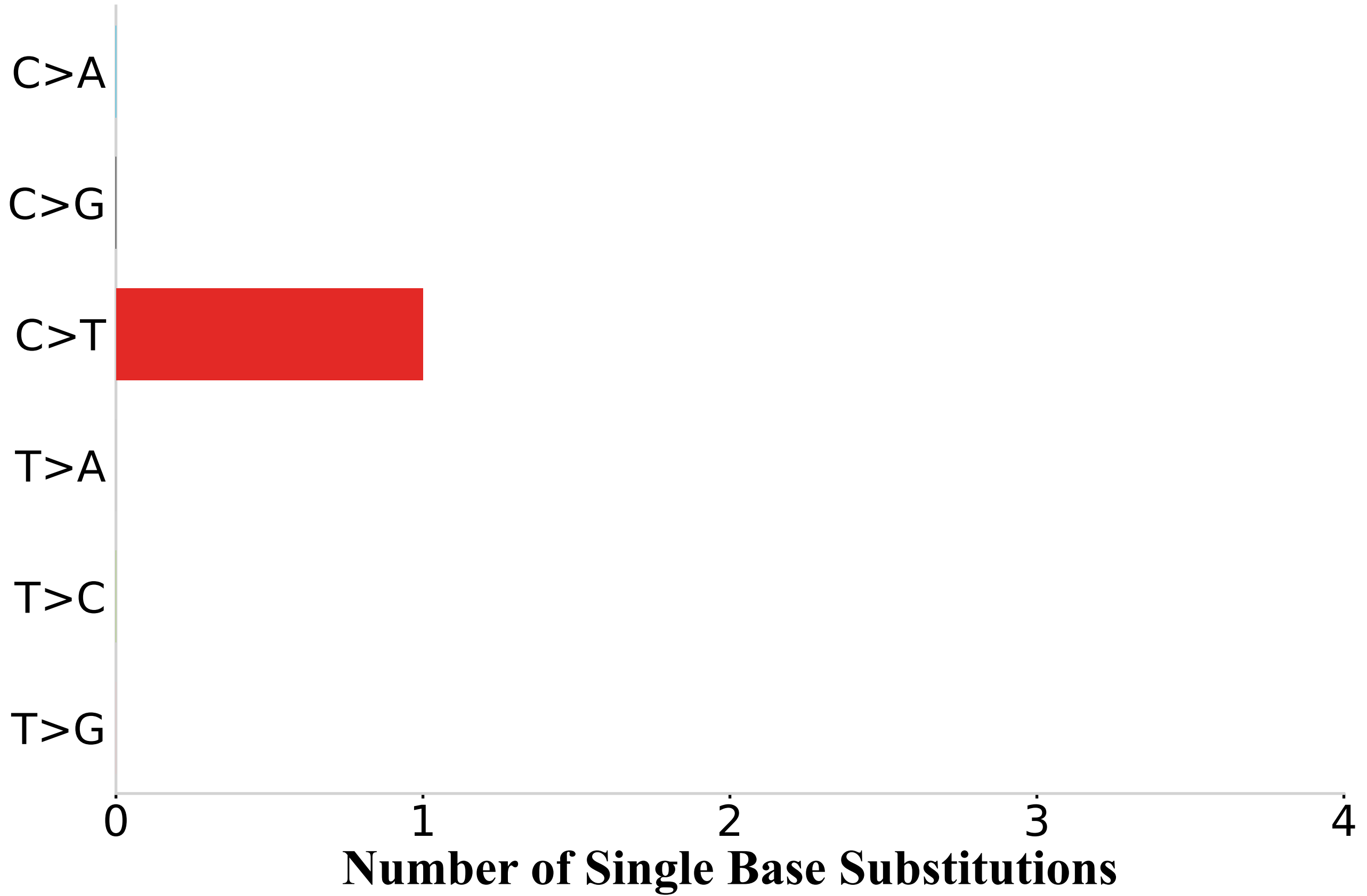
P-0015839-T01-IM6: 1 subs



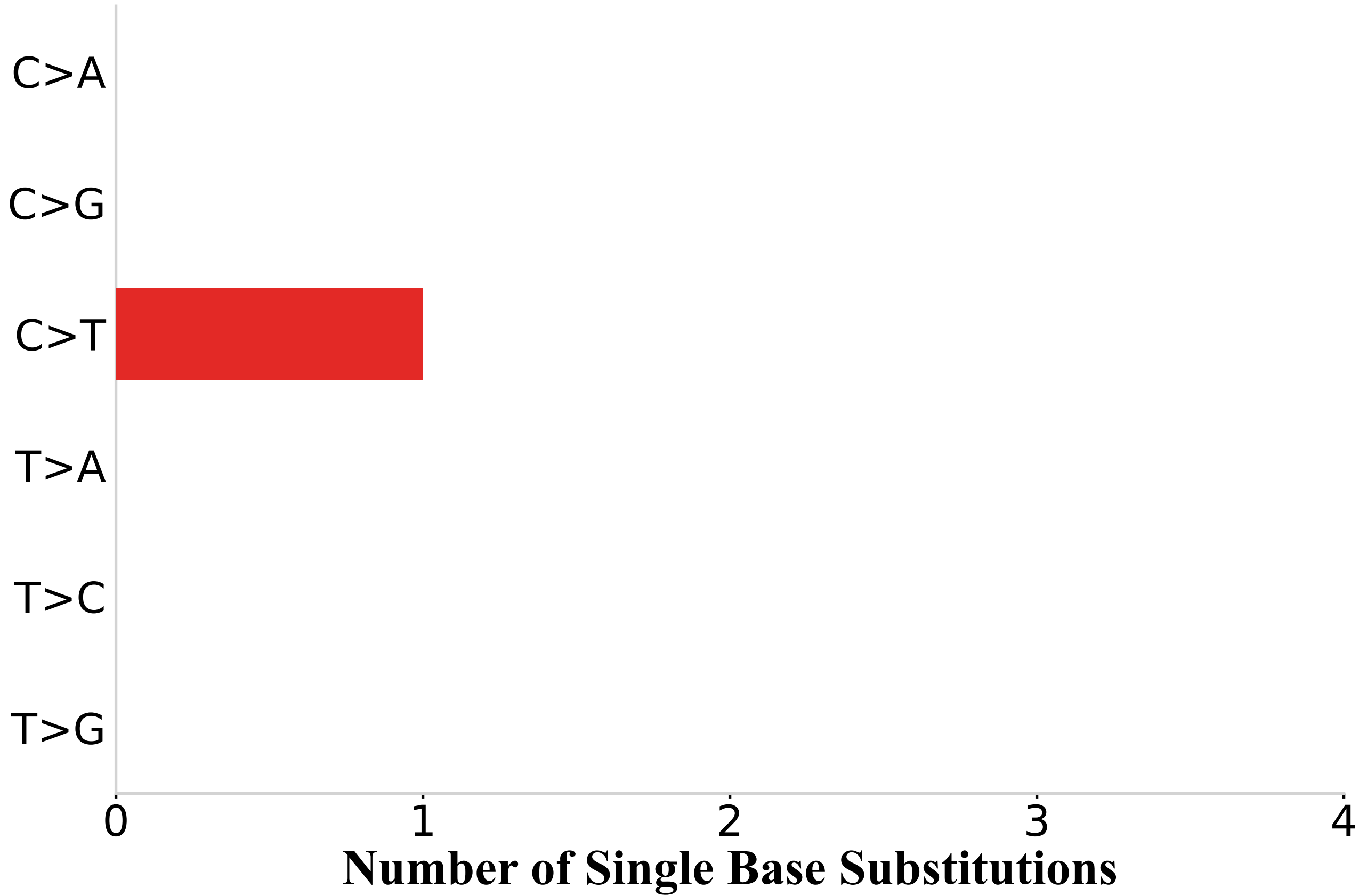
P-0015942-T01-IM6: 2 subs



P-0016006-T01-IM6: 1 subs



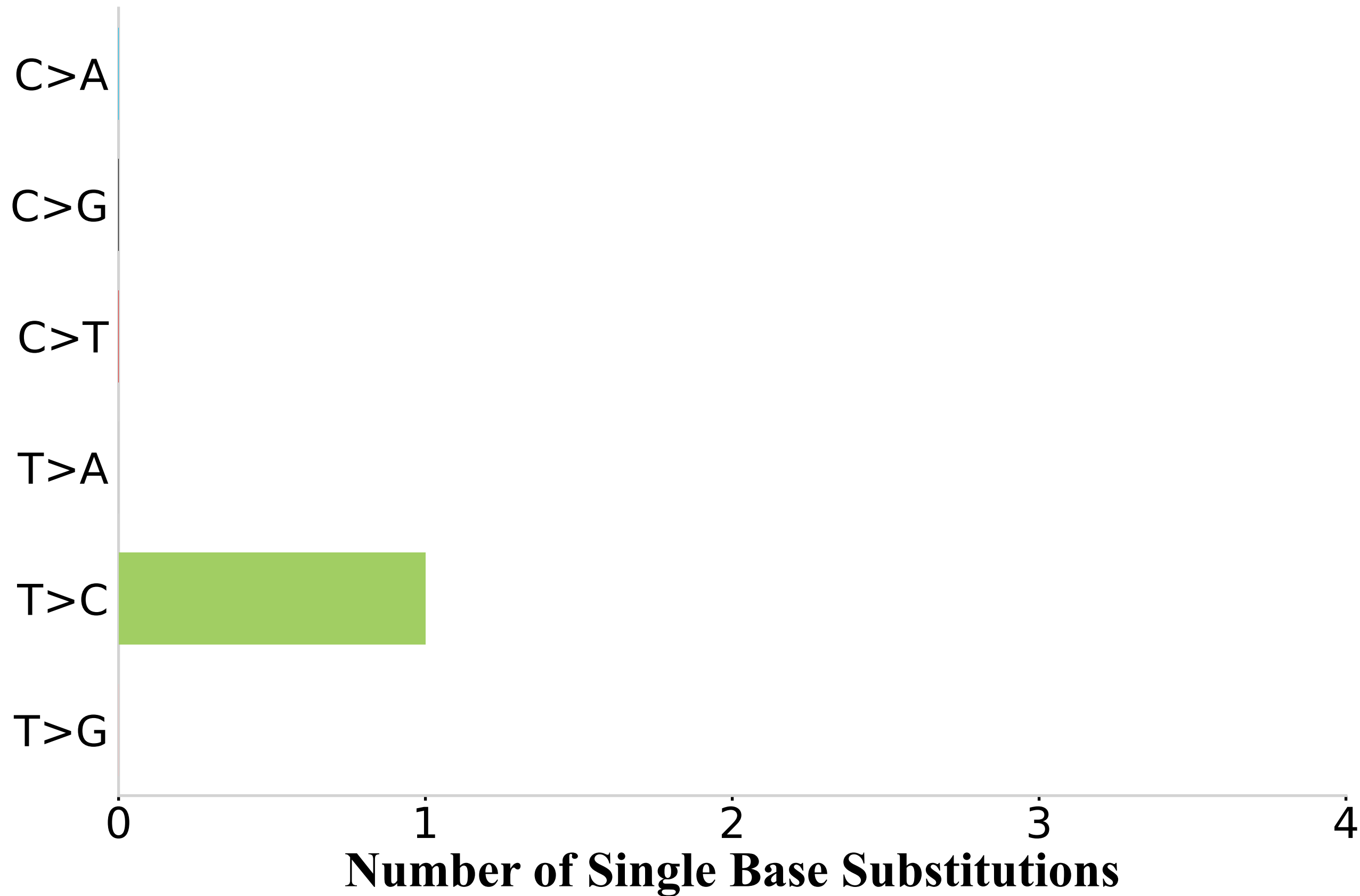
P-0016195-T01-IM6: 1 subs



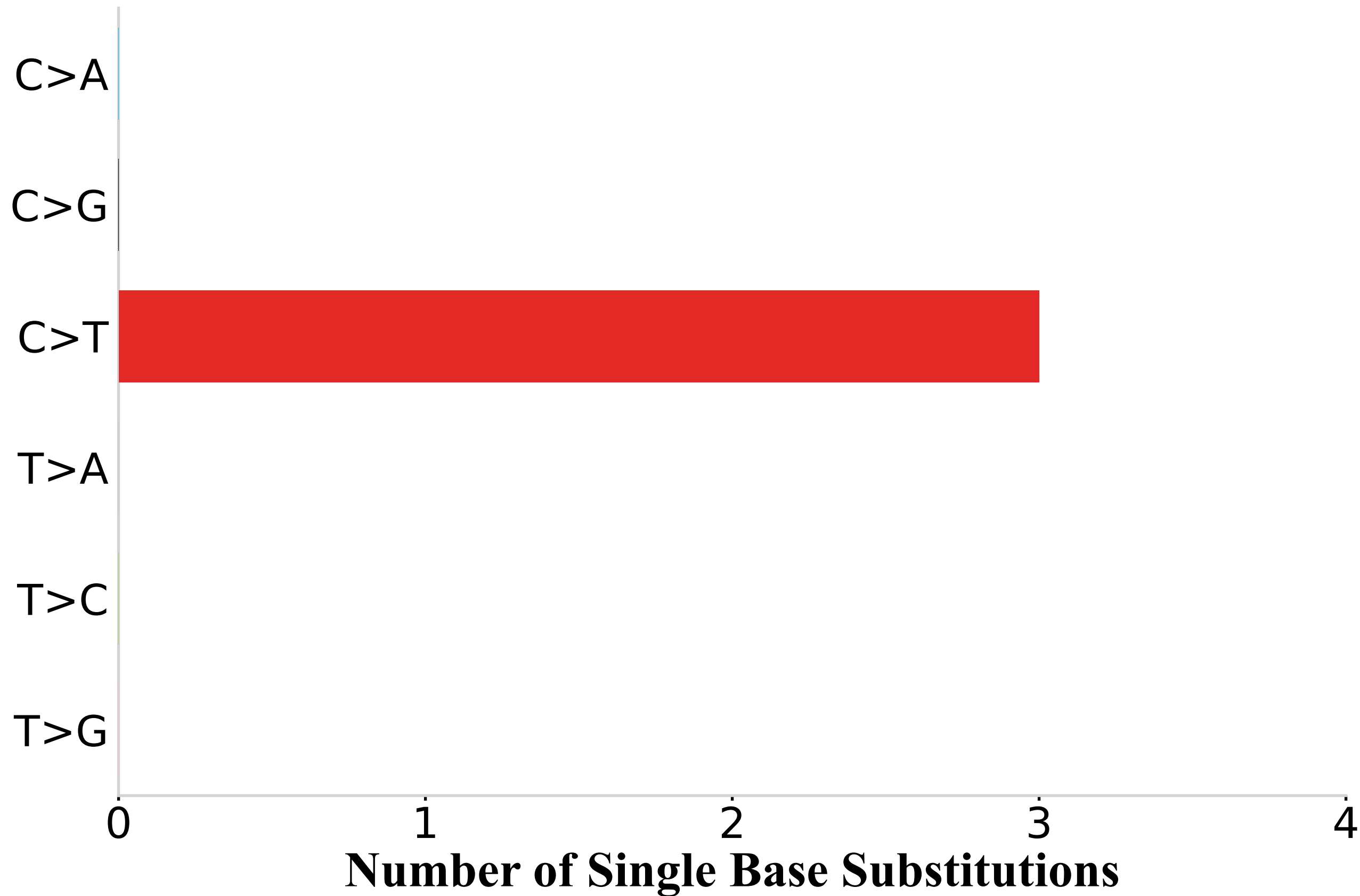
P-0016453-T01-IM6: 4 subs



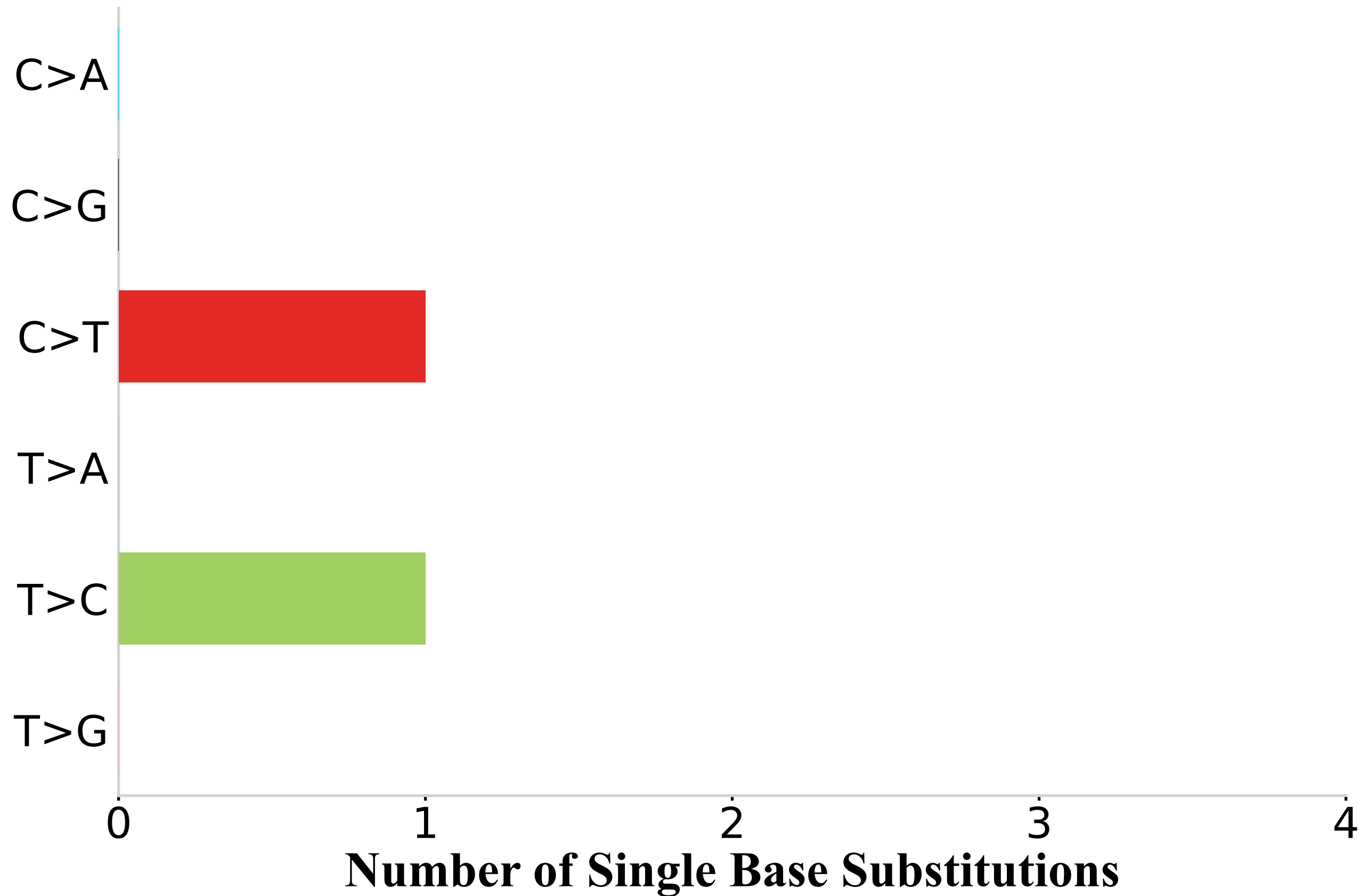
P-0016599-T01-IM6: 1 subs



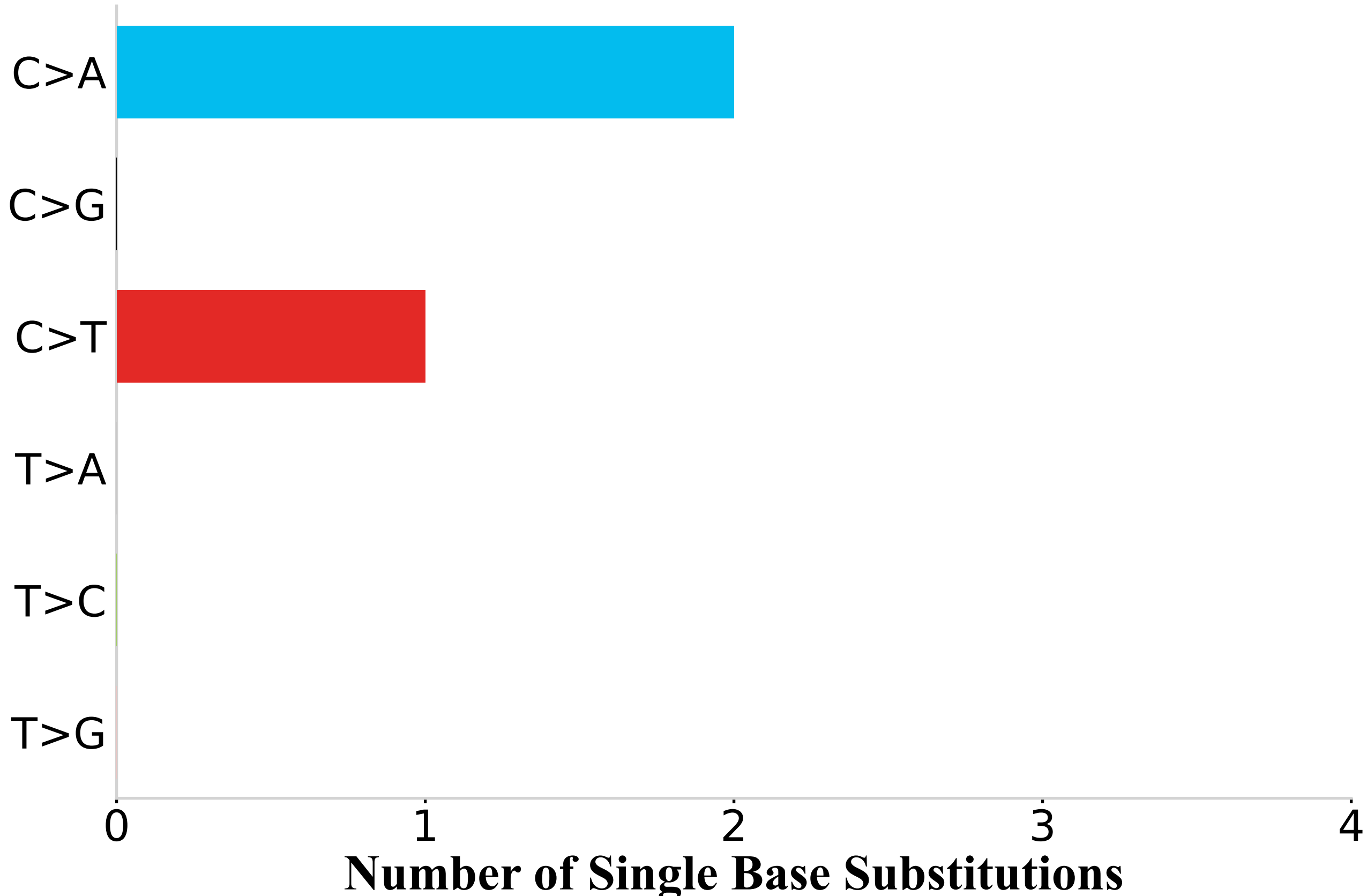
P-0016712-T01-IM6: 3 subs



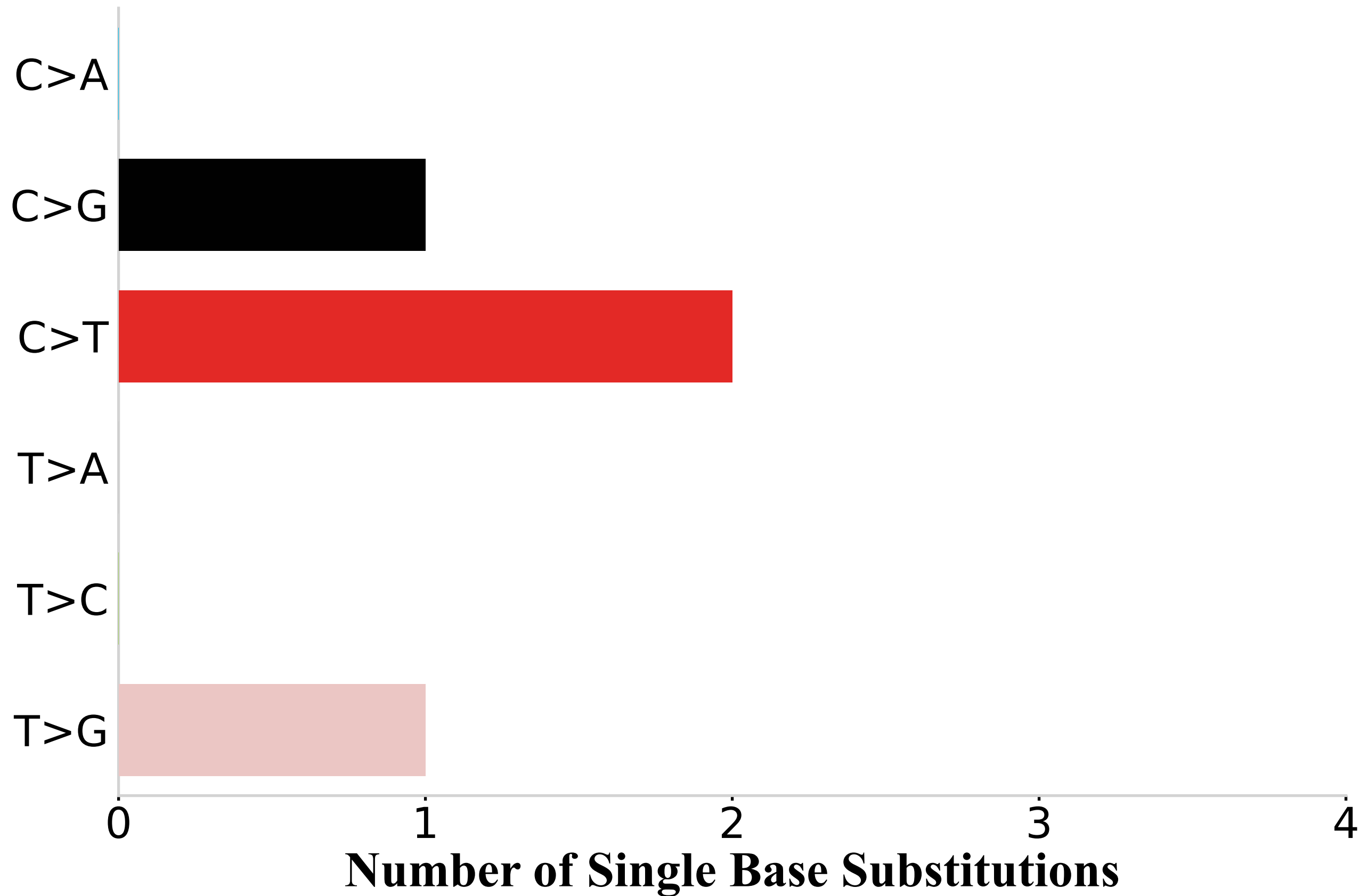
P-0016805-T01-IM6: 2 subs



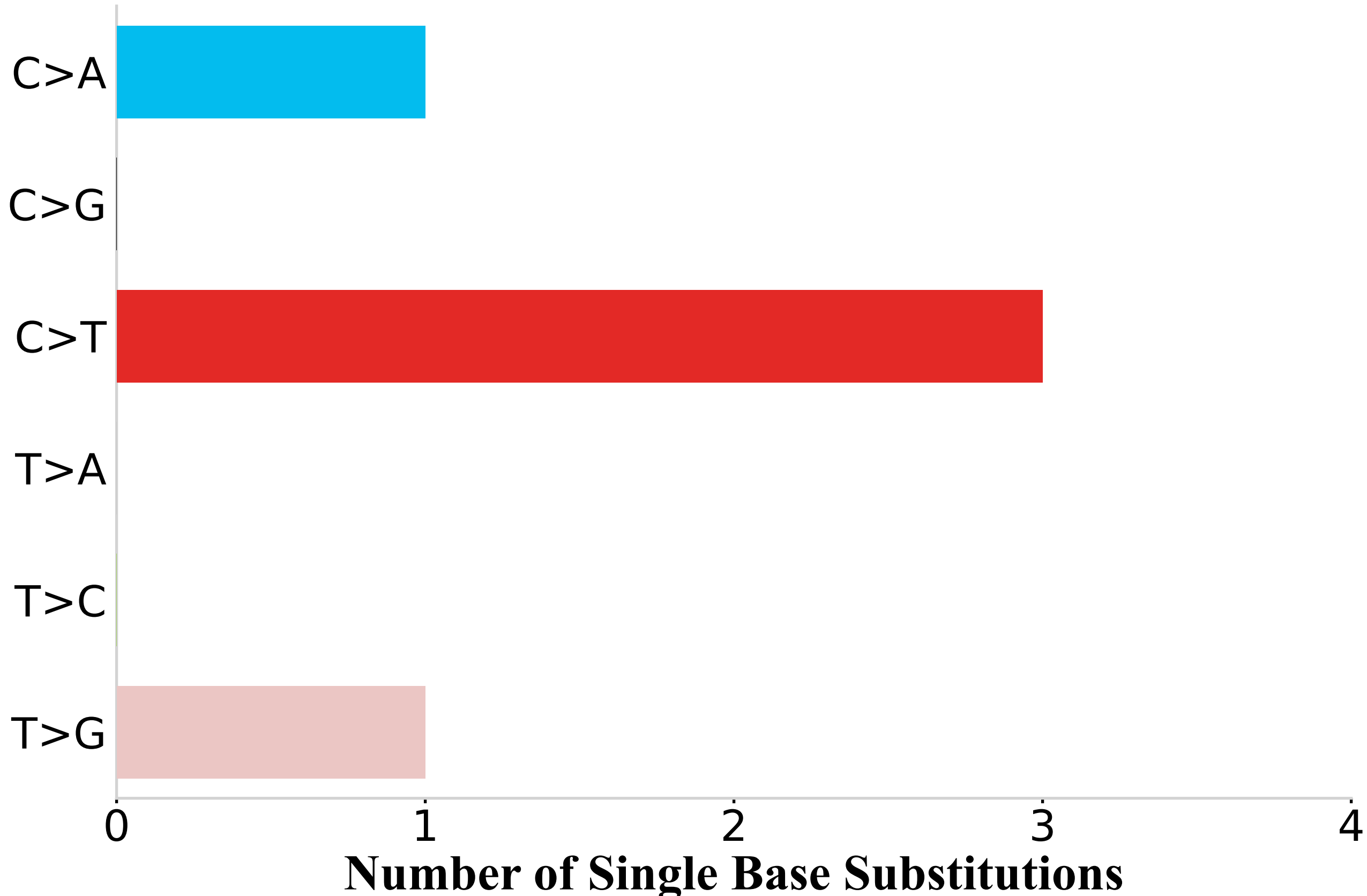
P-0016954-T01-IM6: 3 subs



P-0017120-T01-IM6: 4 subs



P-0017239-T01-IM6: 5 subs



P-0017265-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-0017268-T01-IM6: 0 subs

C>A

C>G

C>T

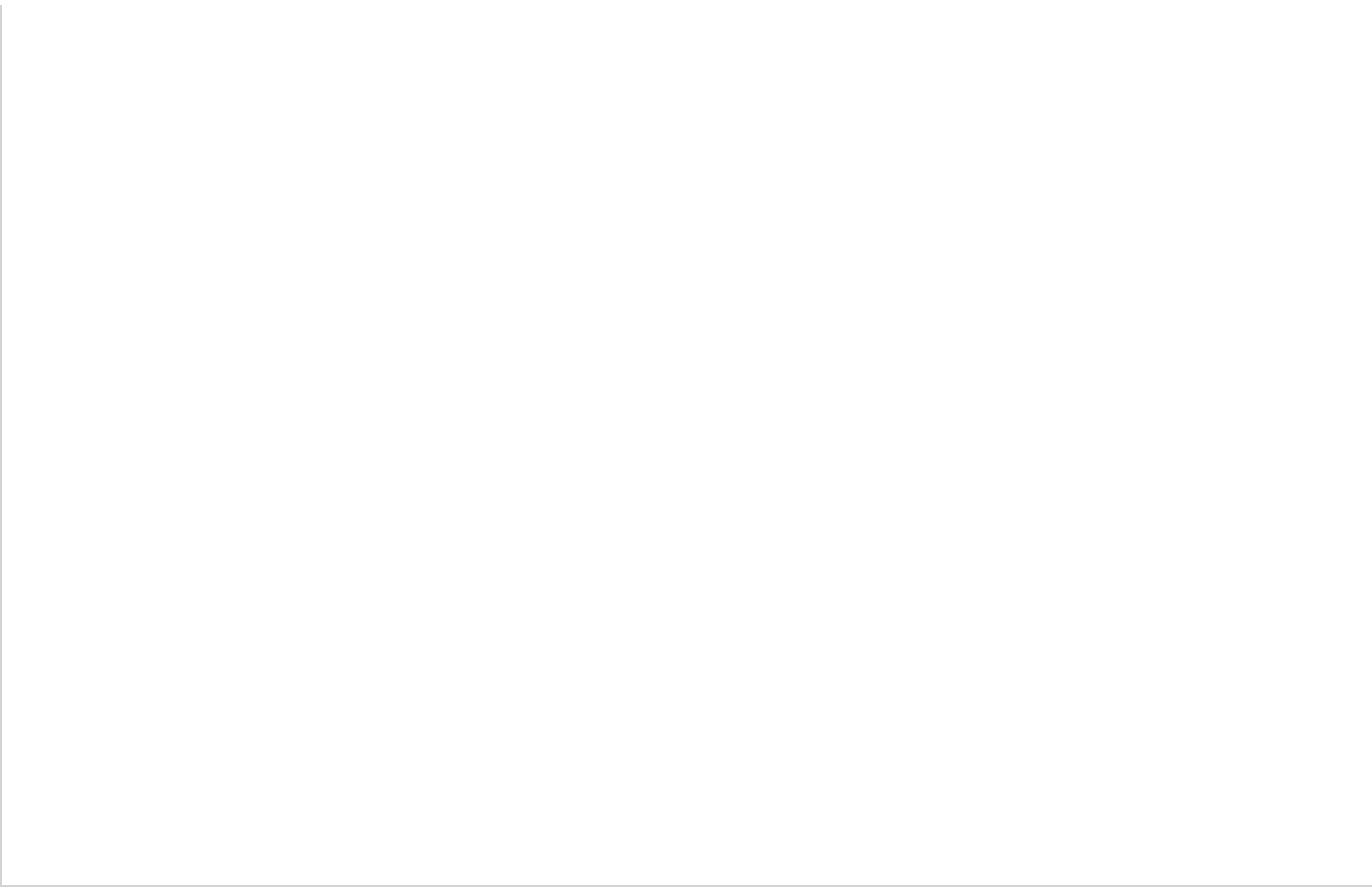
T>A

T>C

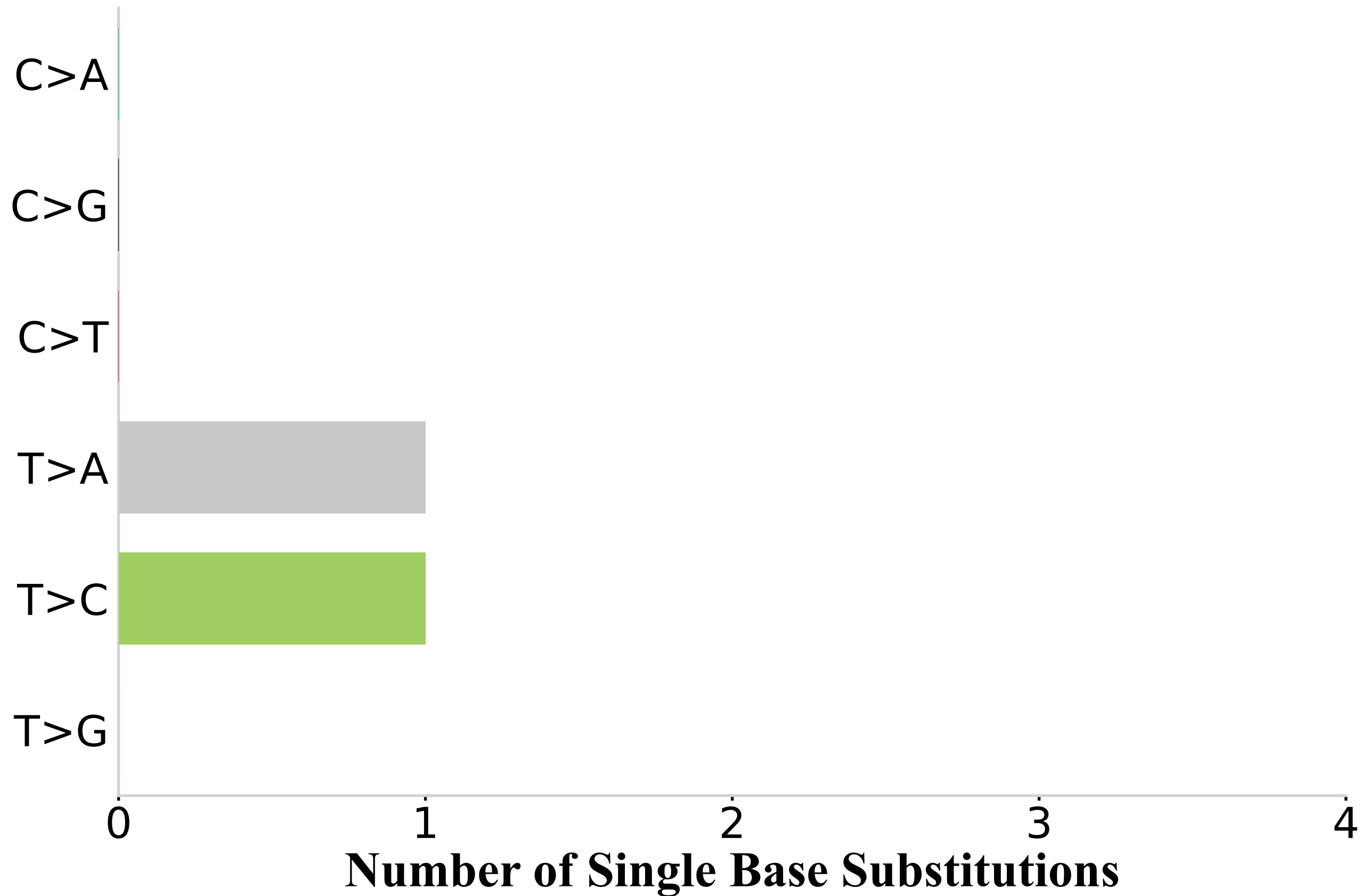
T>G

0

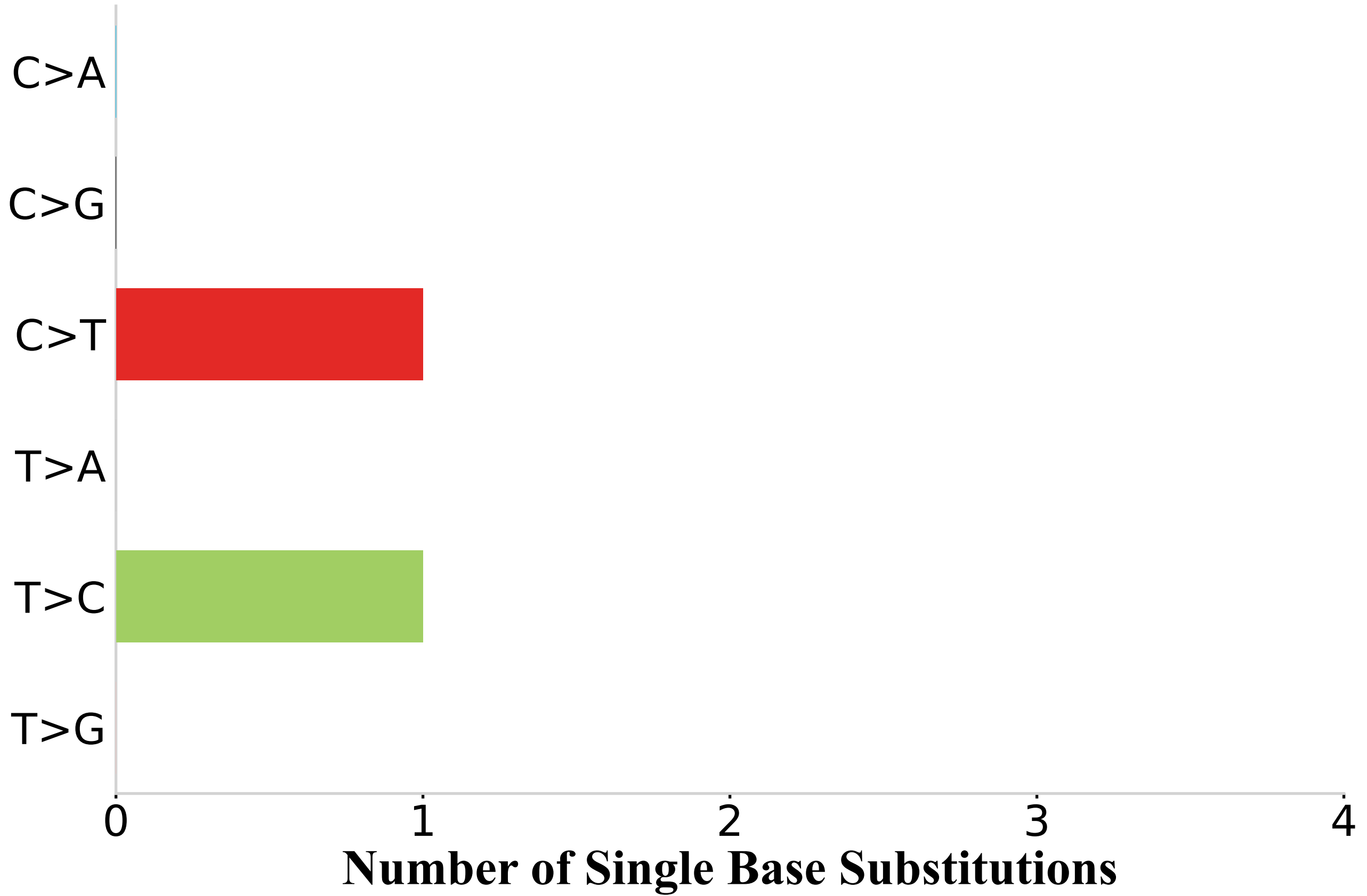
Number of Single Base Substitutions



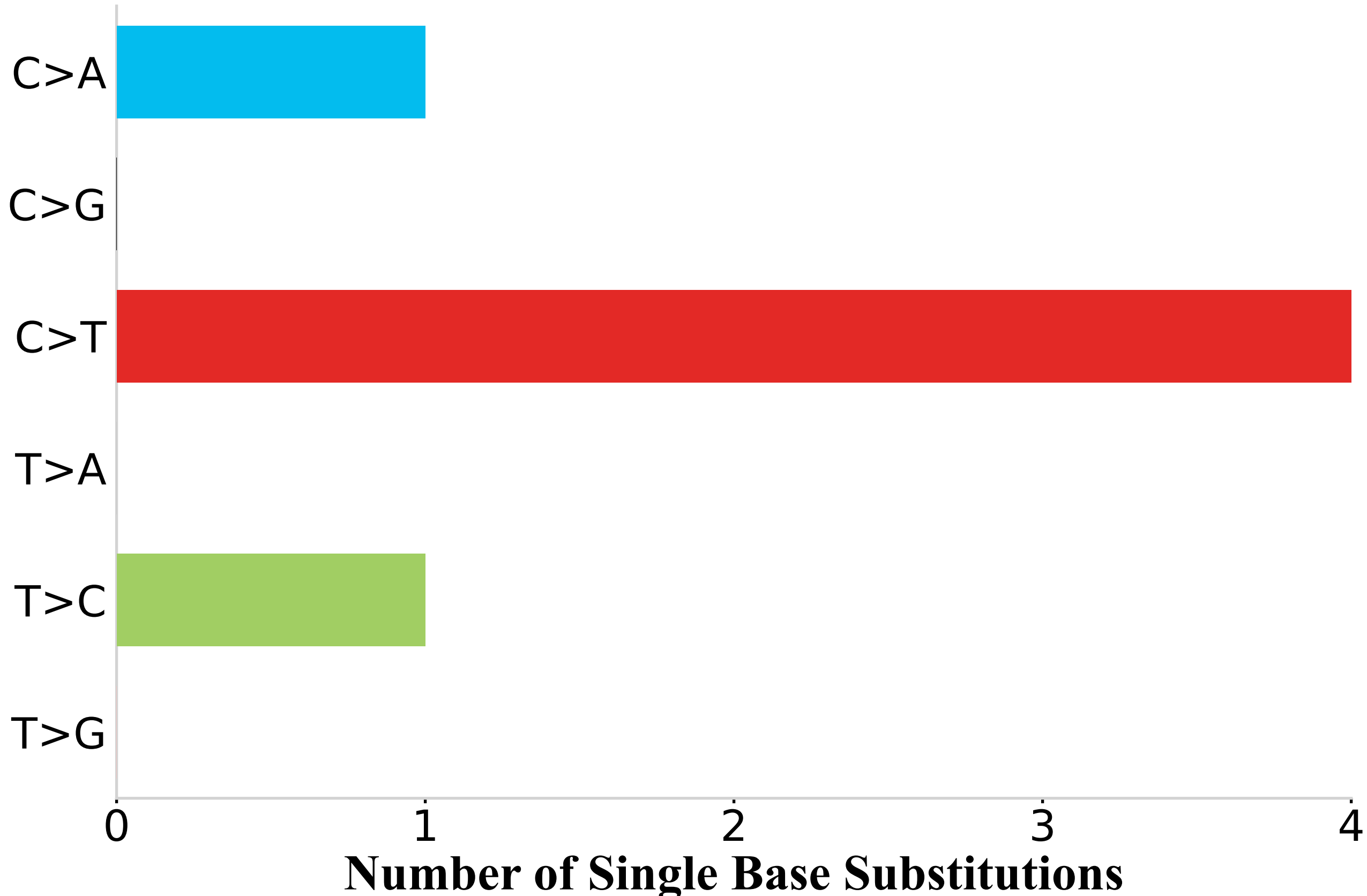
P-0017293-T01-IM6: 2 subs



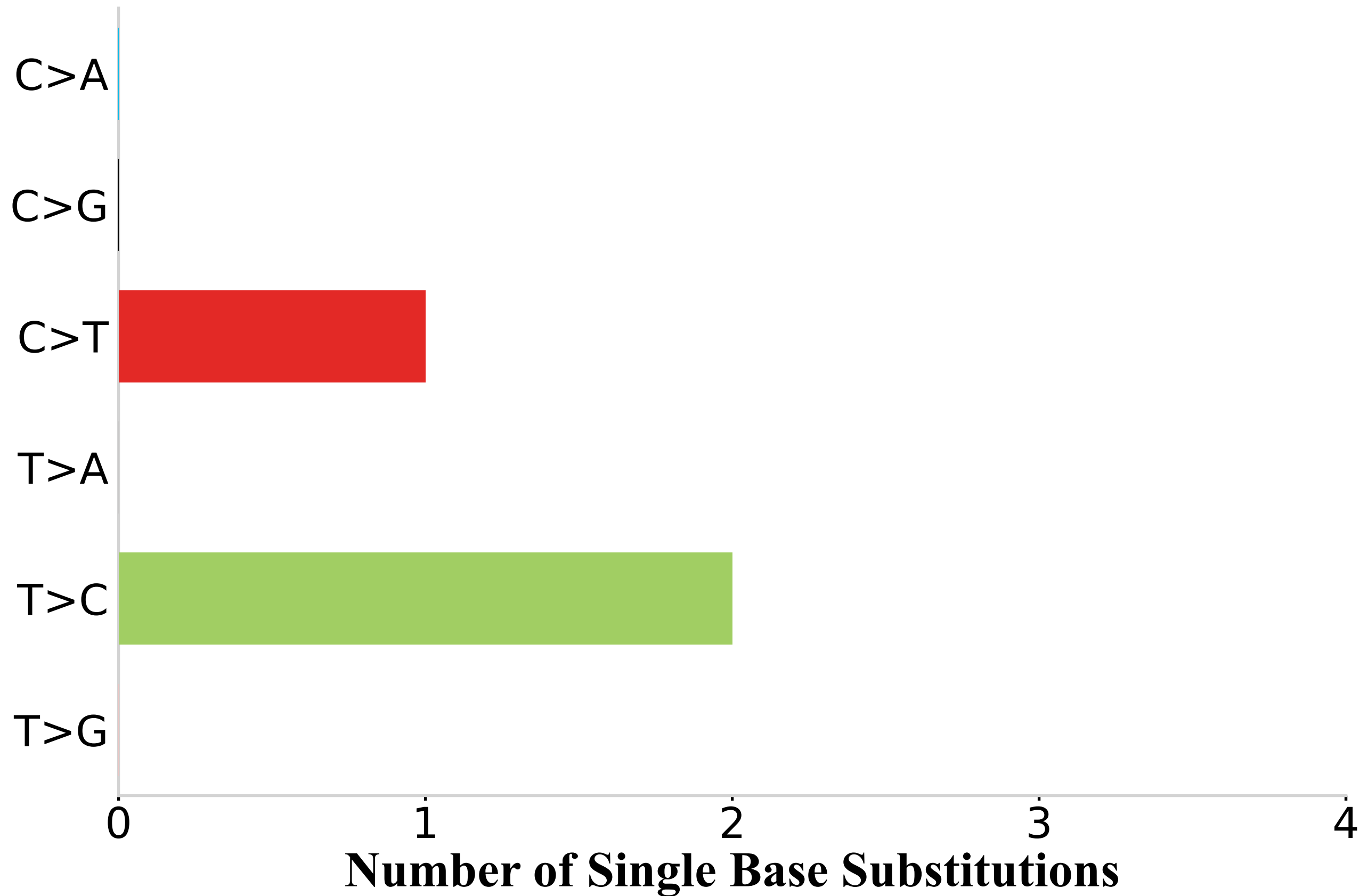
P-0017511-T01-IM6: 2 subs



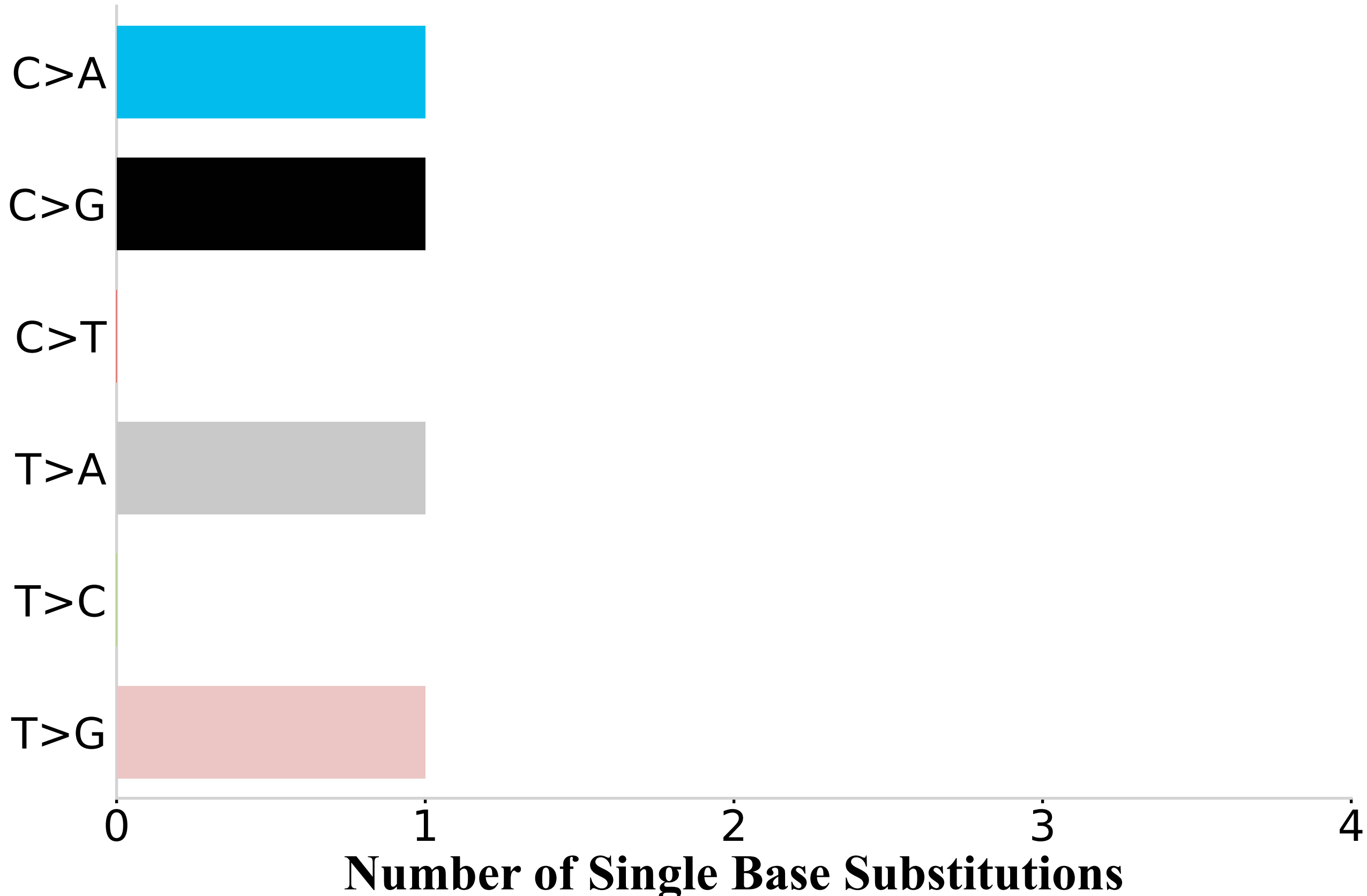
P-0017696-T01-IM6: 6 subs



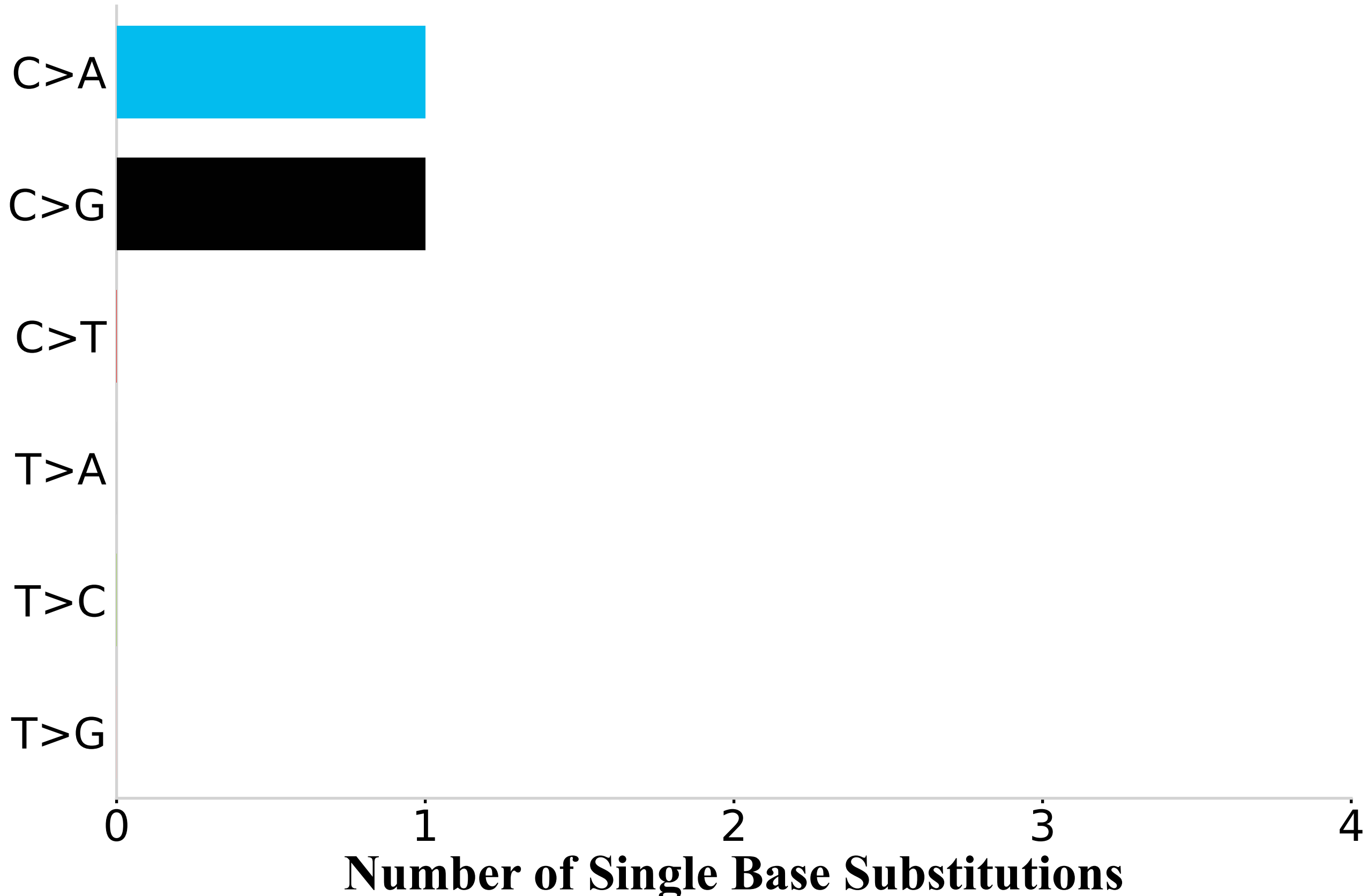
P-0017764-T01-IM6: 3 subs



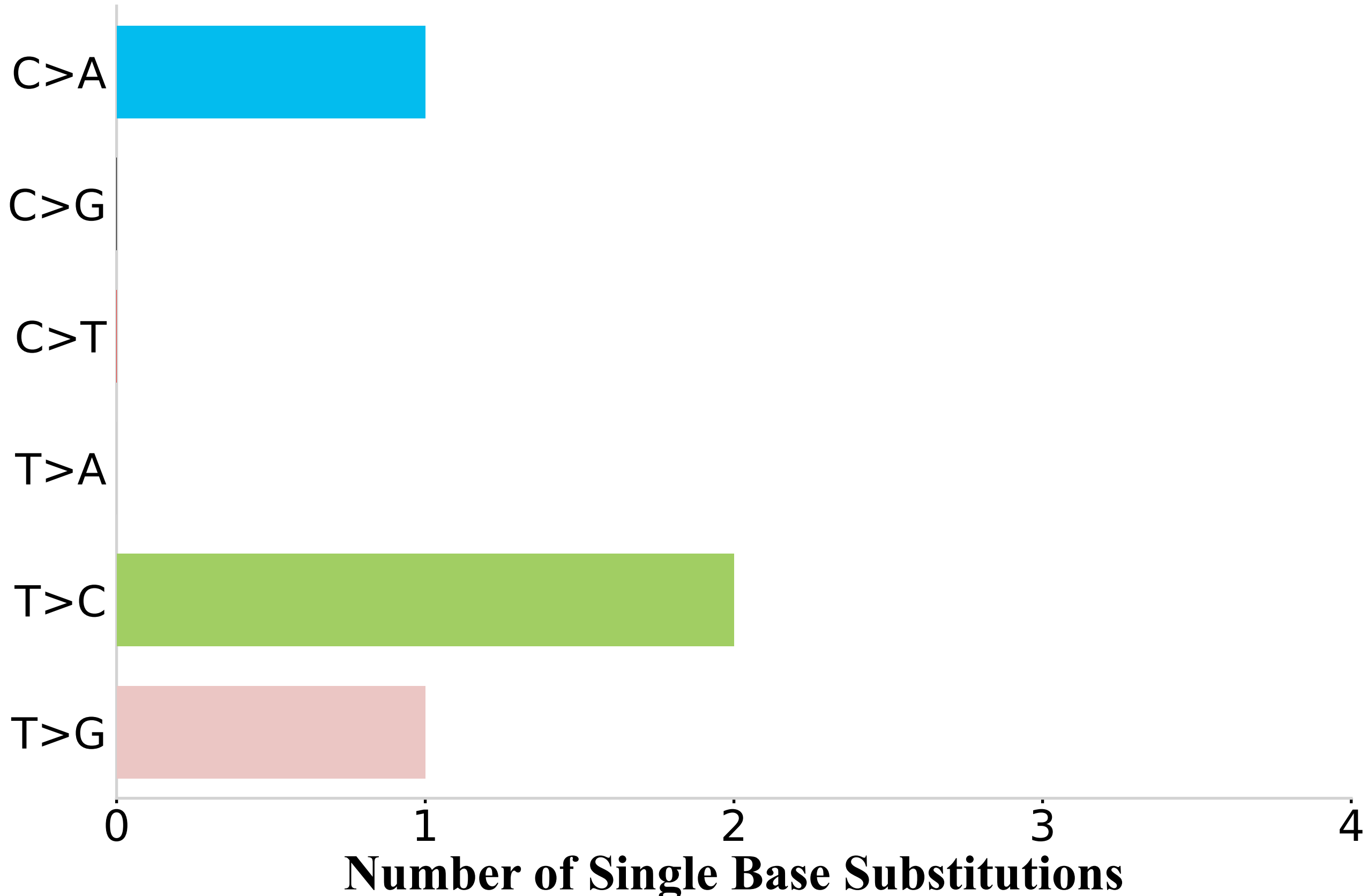
P-0017860-T01-IM6: 4 subs



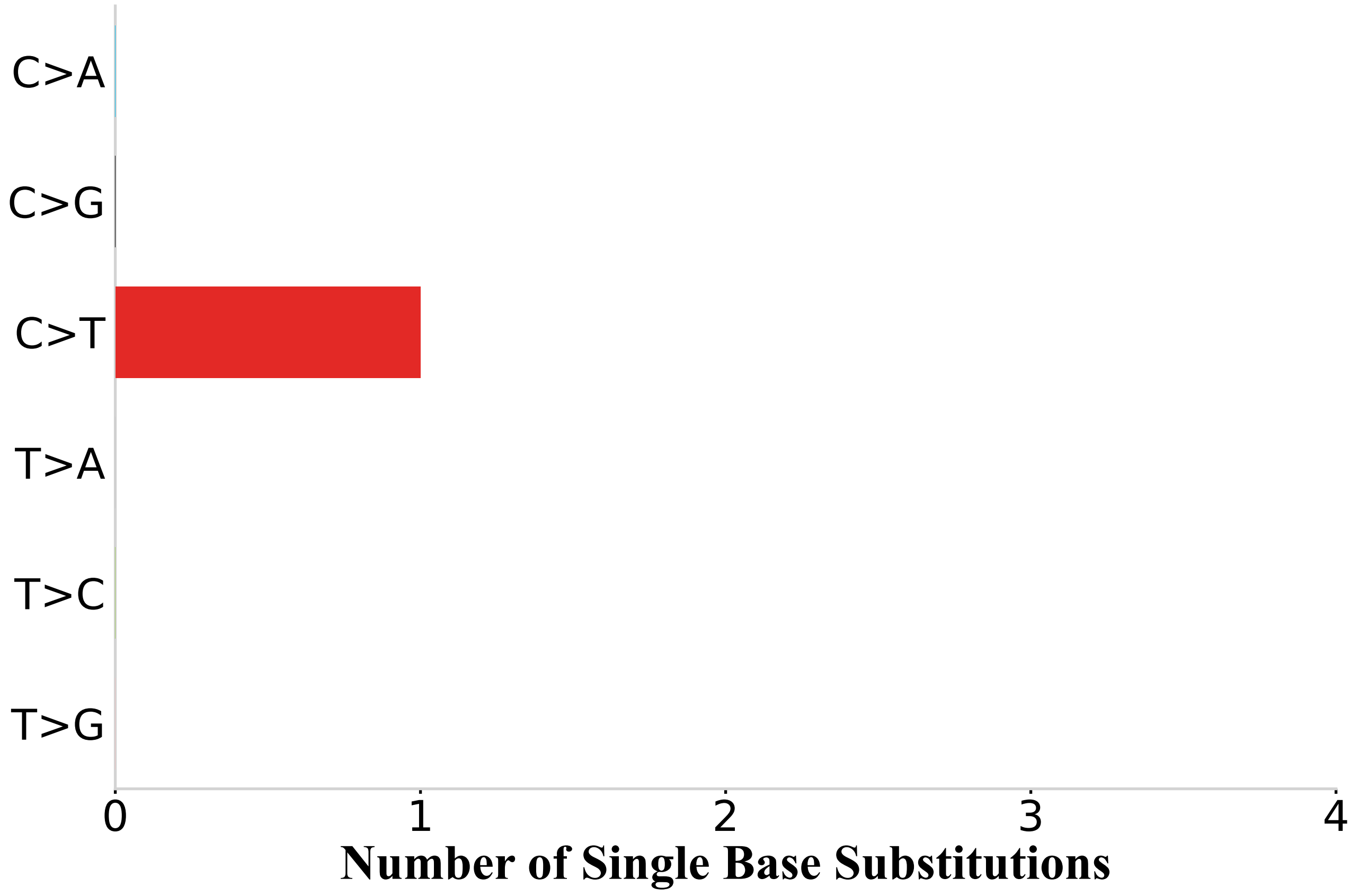
P-0017928-T01-IM6: 2 subs



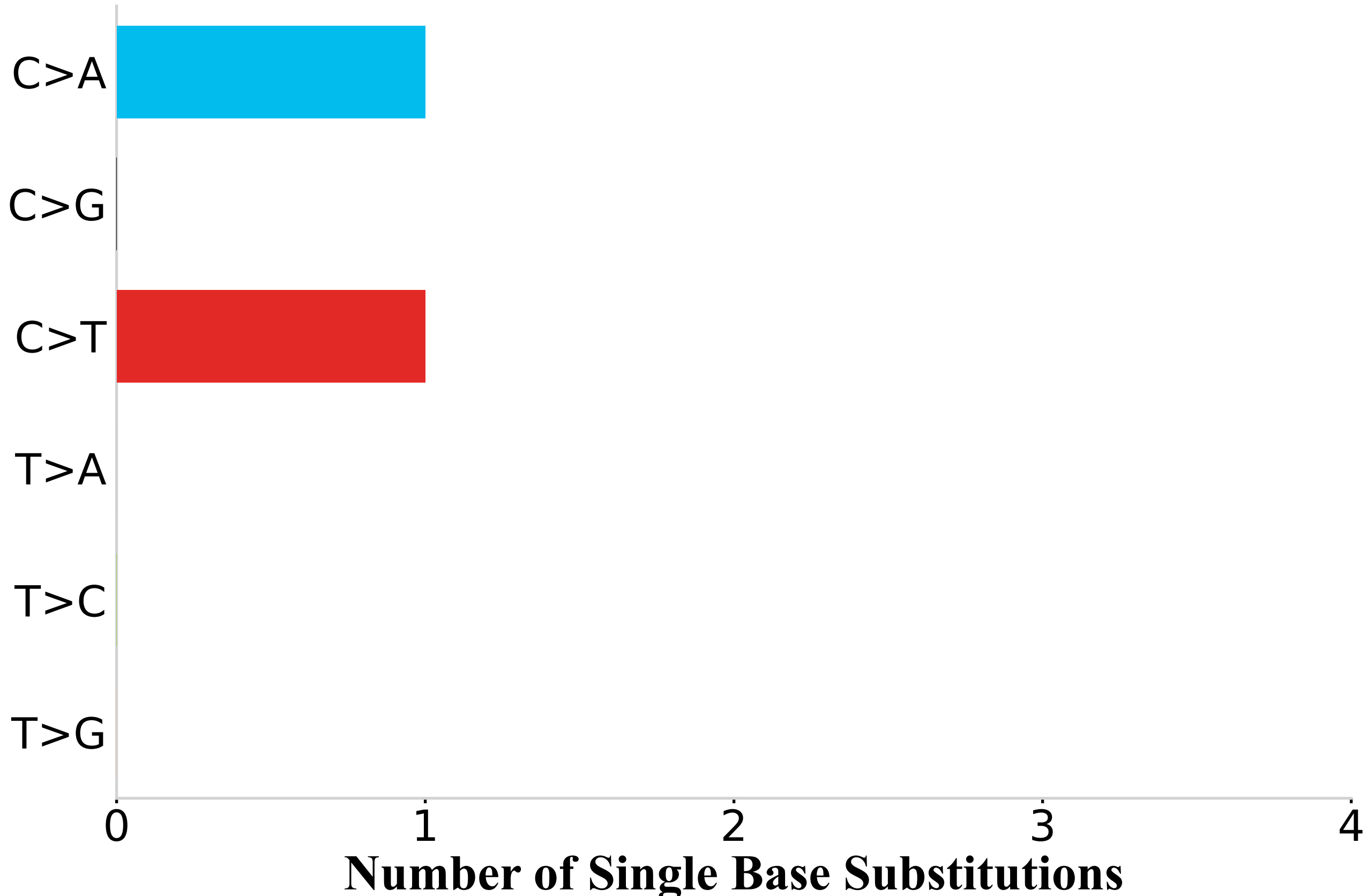
P-0017971-T01-IM6: 4 subs



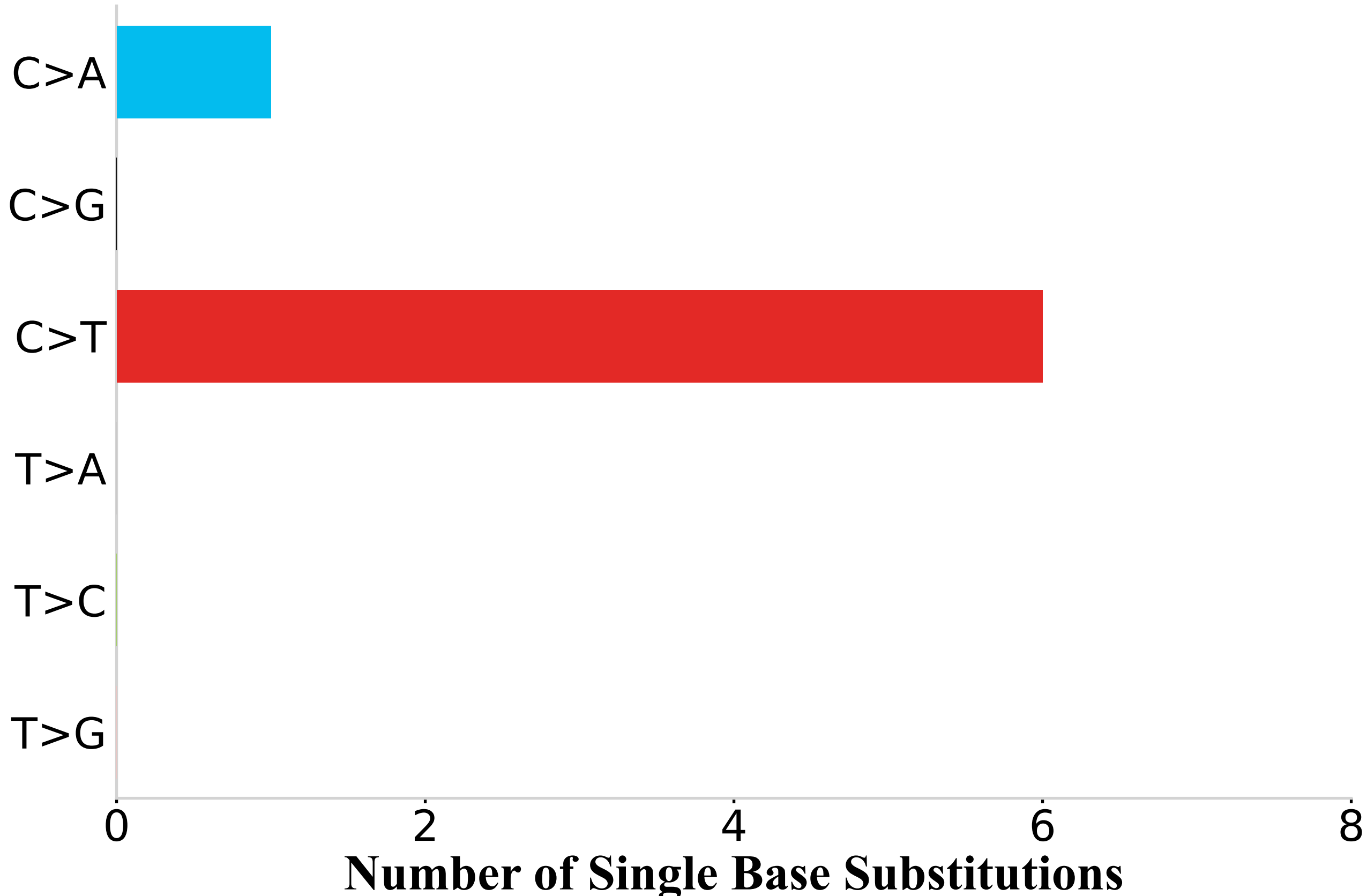
P-0018110-T01-IM6: 1 subs



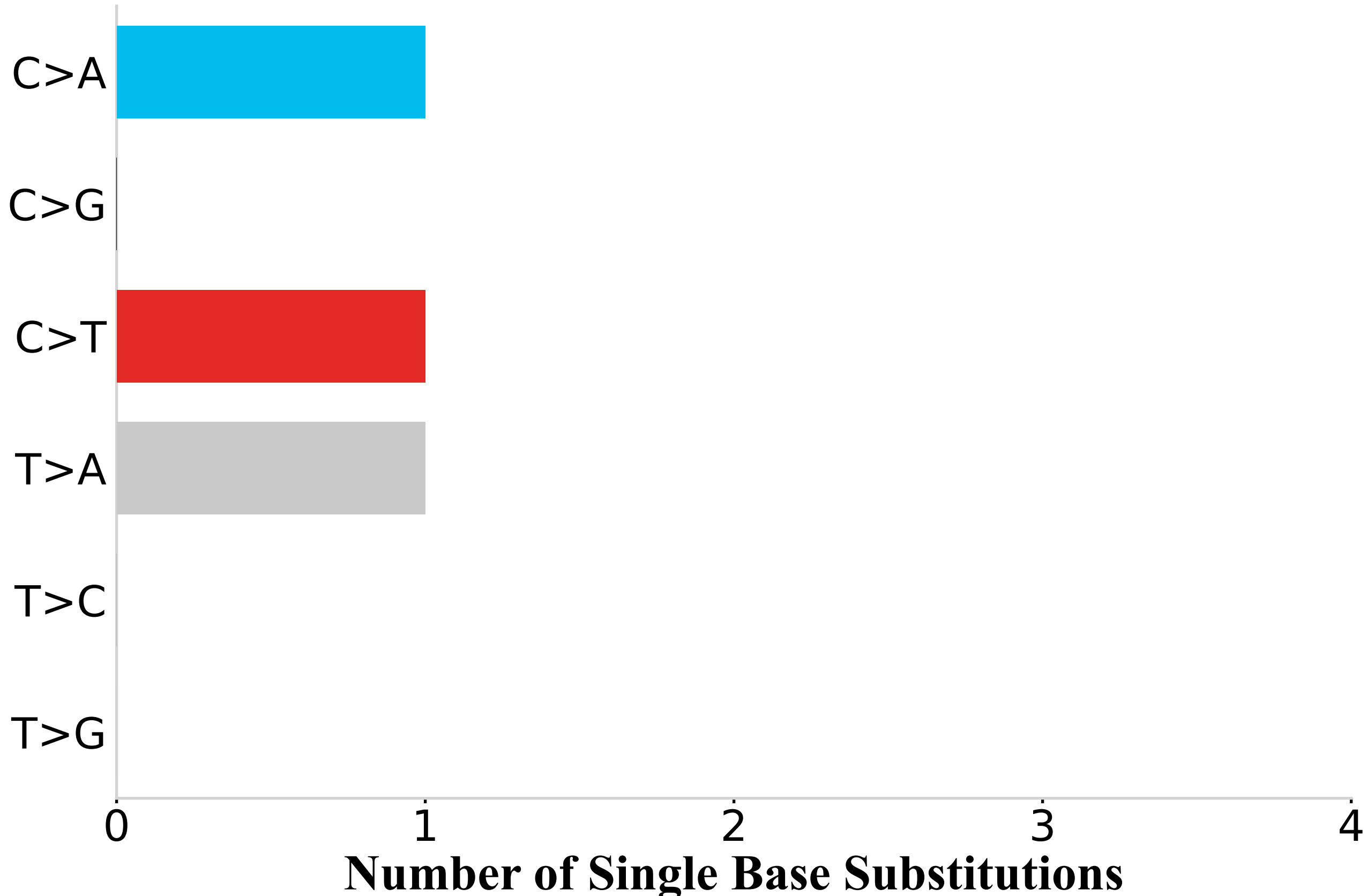
P-0018307-T01-IM6: 2 subs



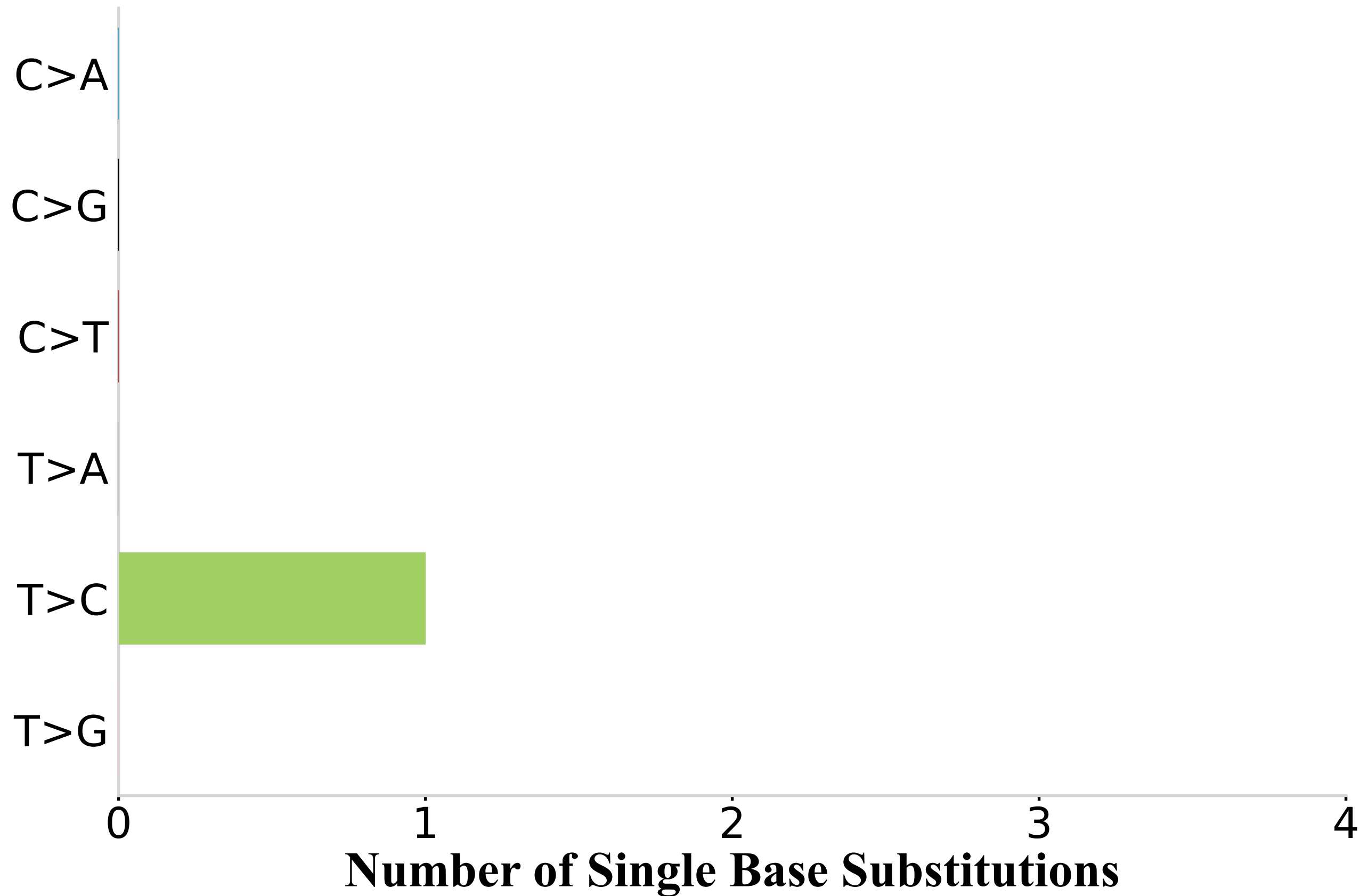
P-0018420-T01-IM6: 7 subs



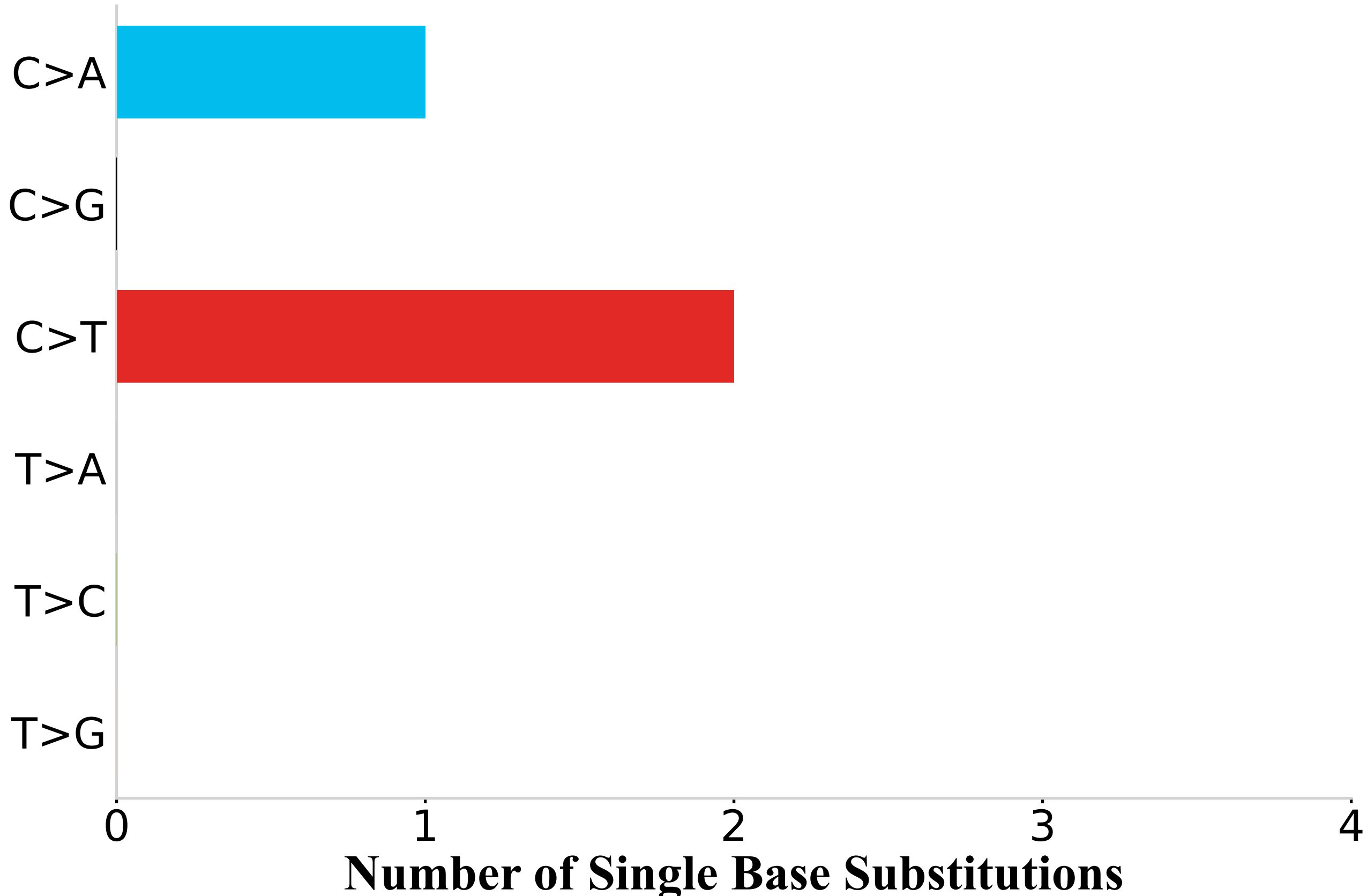
P-0018664-T01-IM6: 3 subs



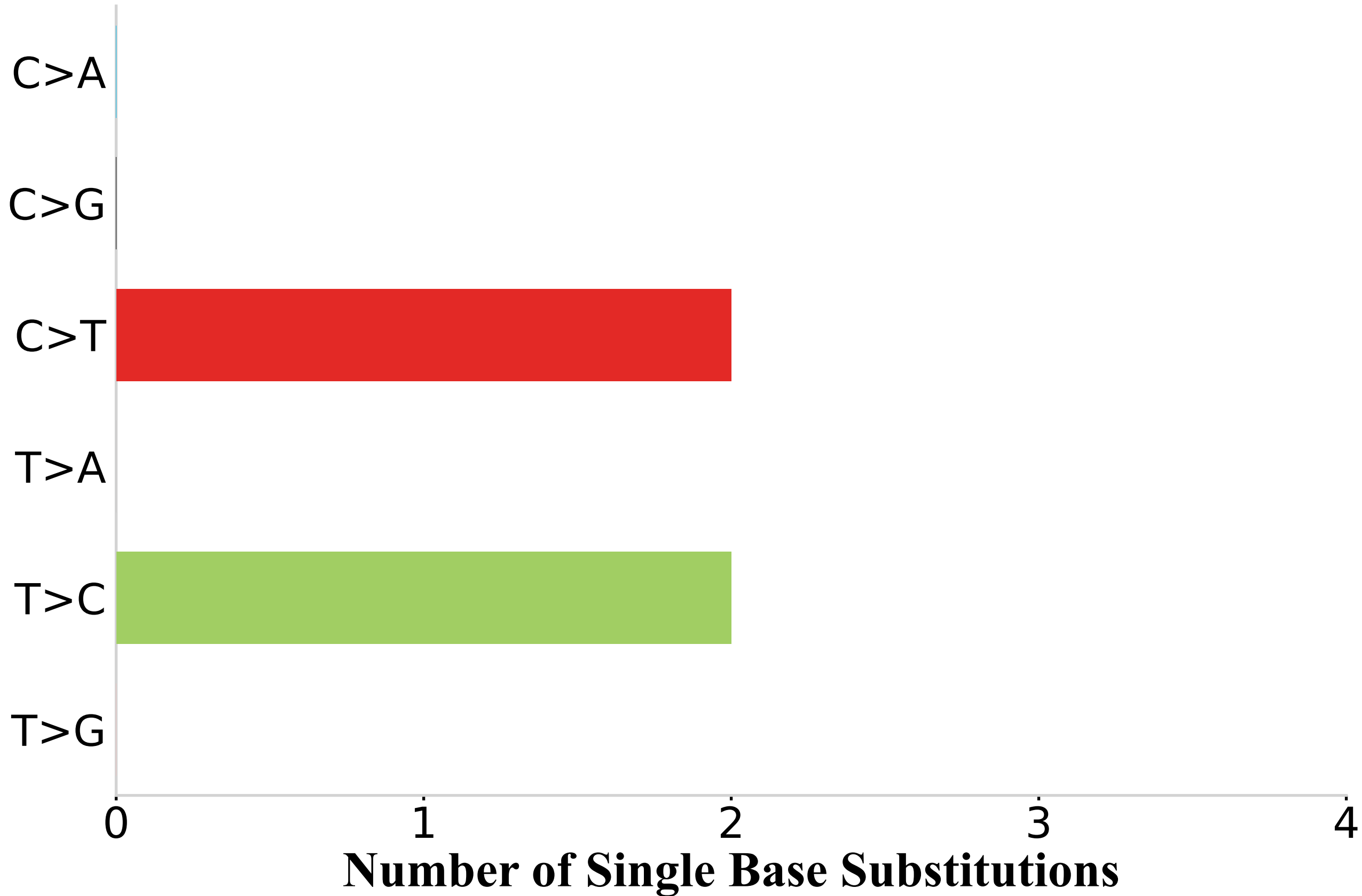
P-0018784-T01-IM6: 1 subs



P-0018902-T01-IM6: 3 subs



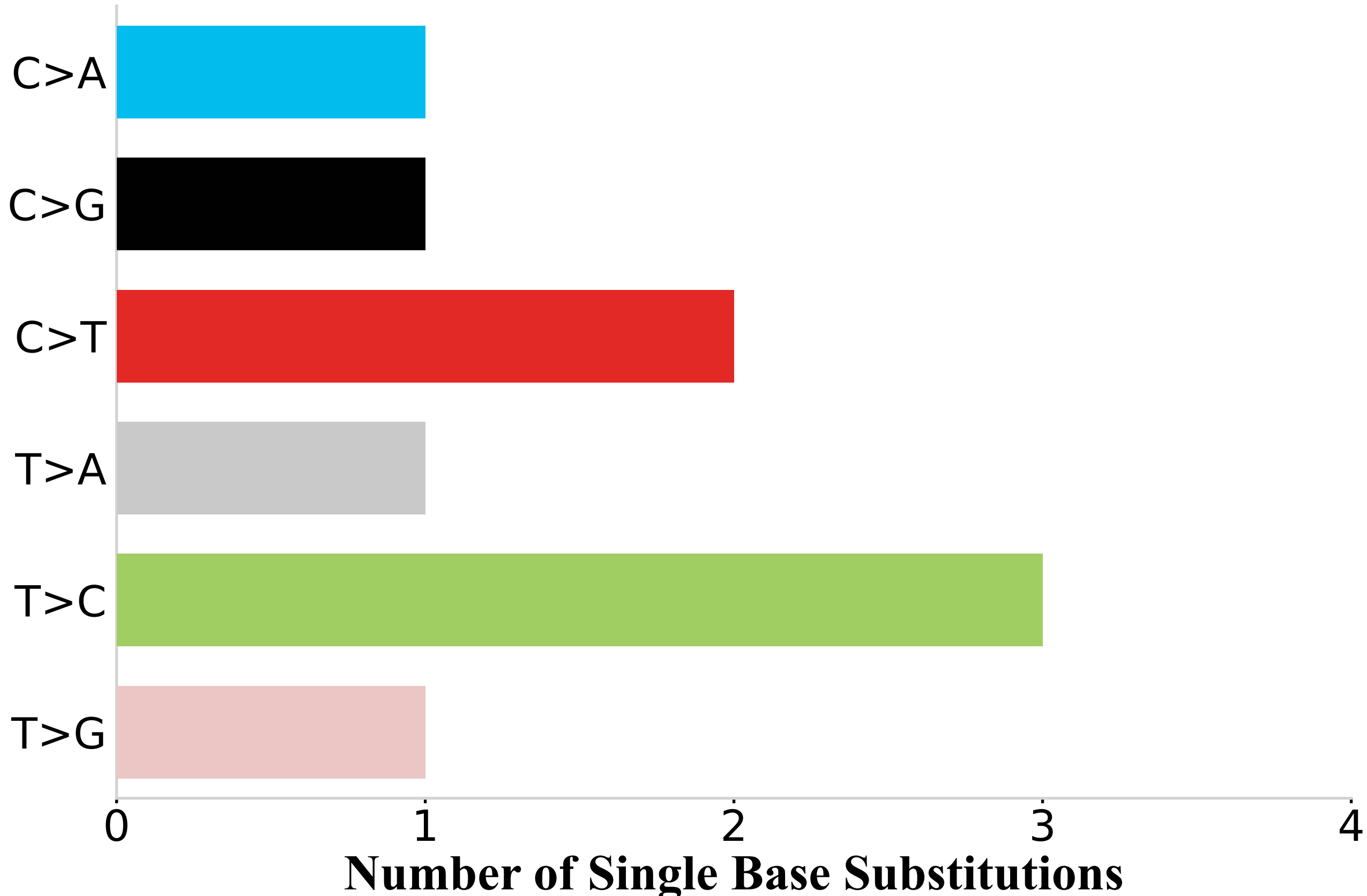
P-0019194-T01-IM6: 4 subs



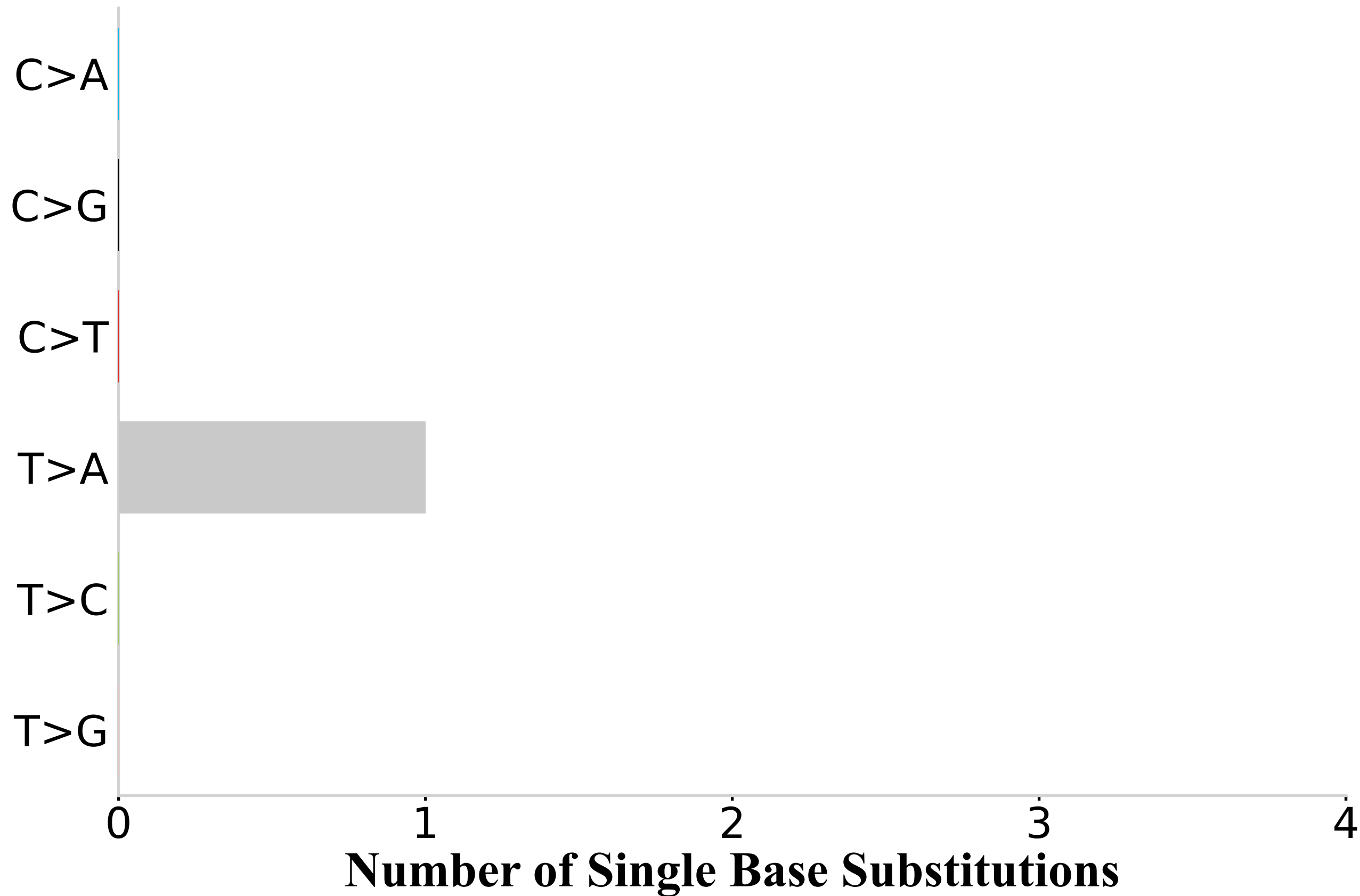
P-0019246-T03-IM6: 2 subs



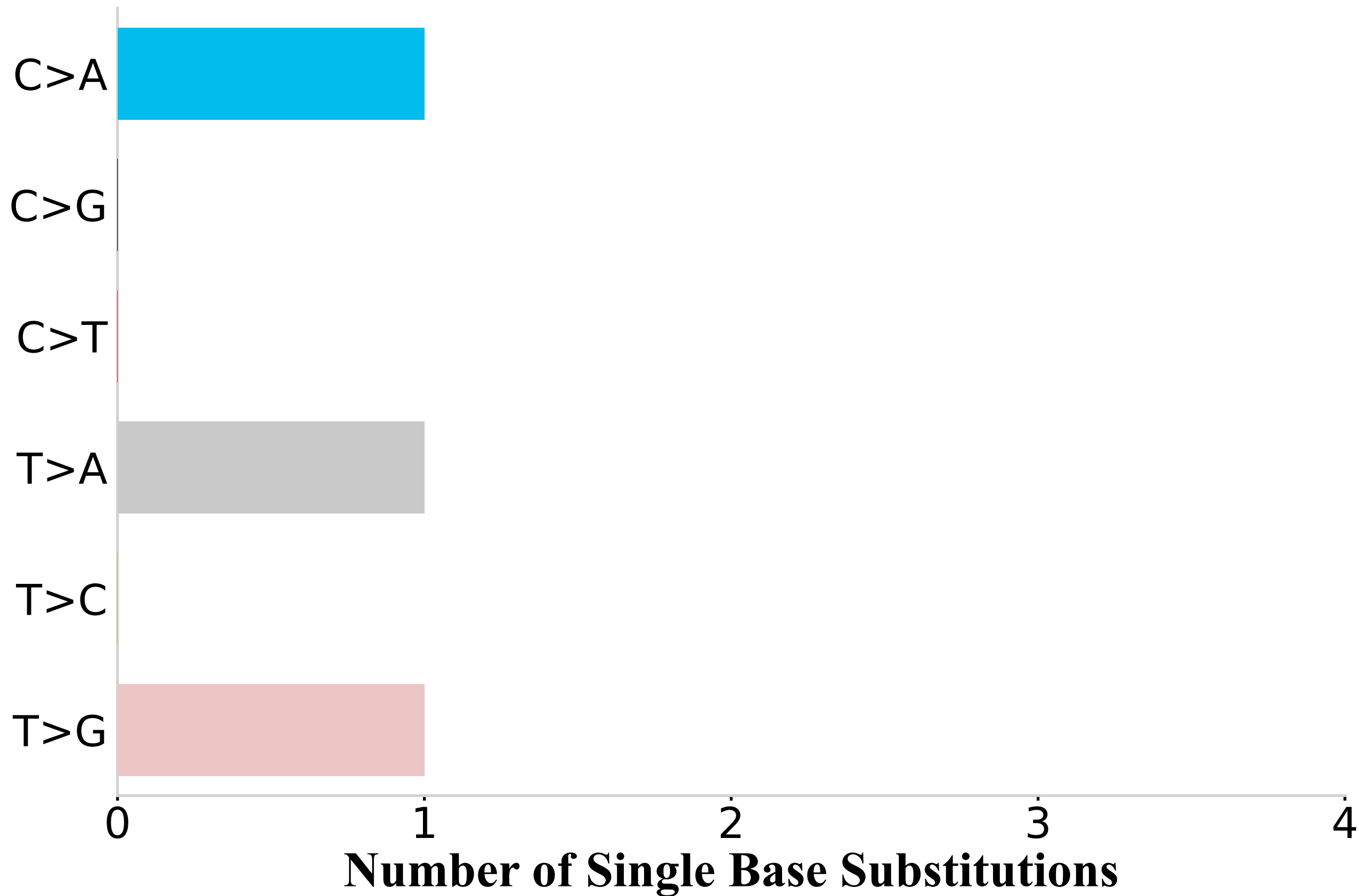
P-0019285-T01-IM6: 9 subs



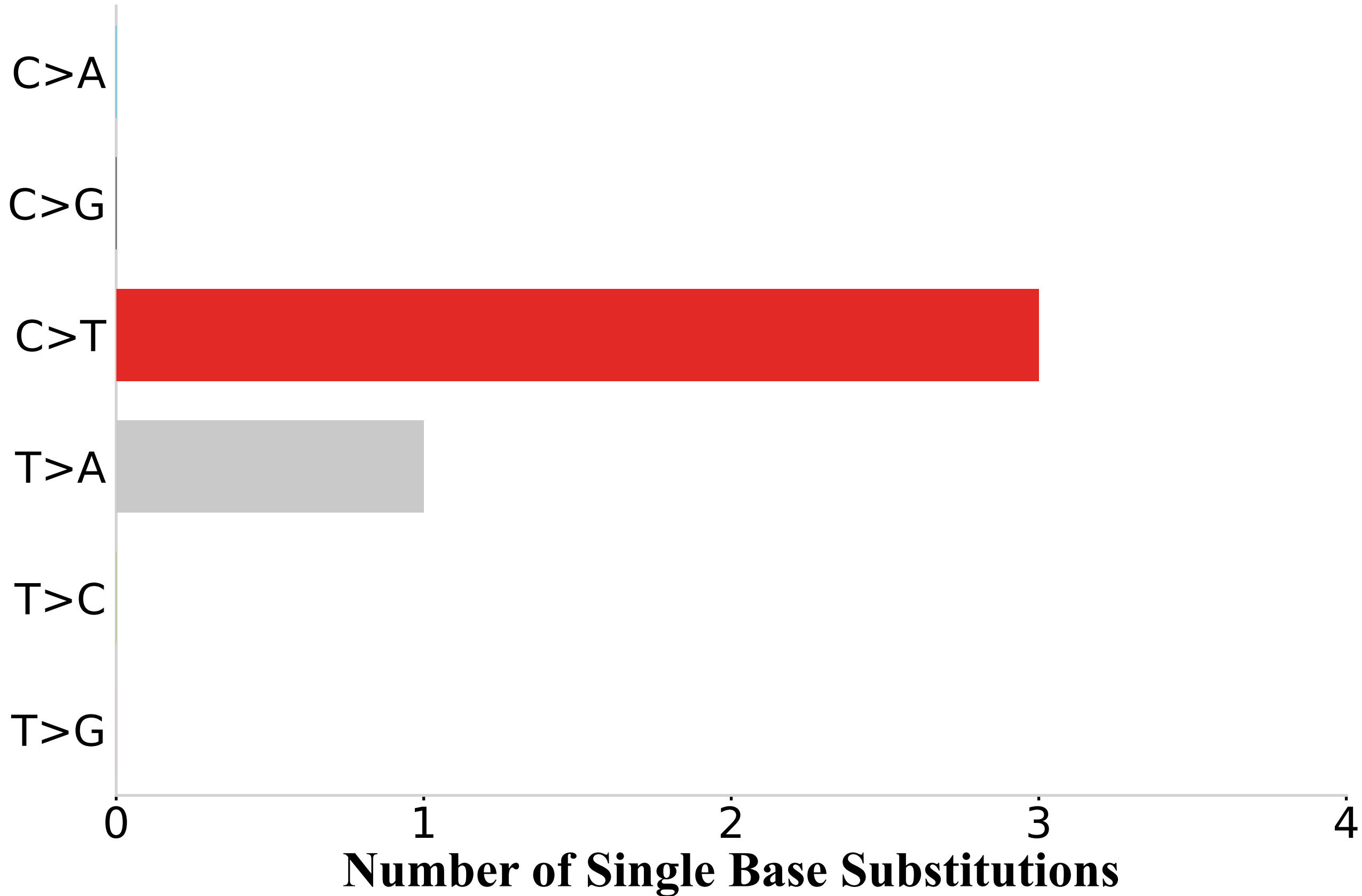
P-0019665-T01-IM6: 1 subs



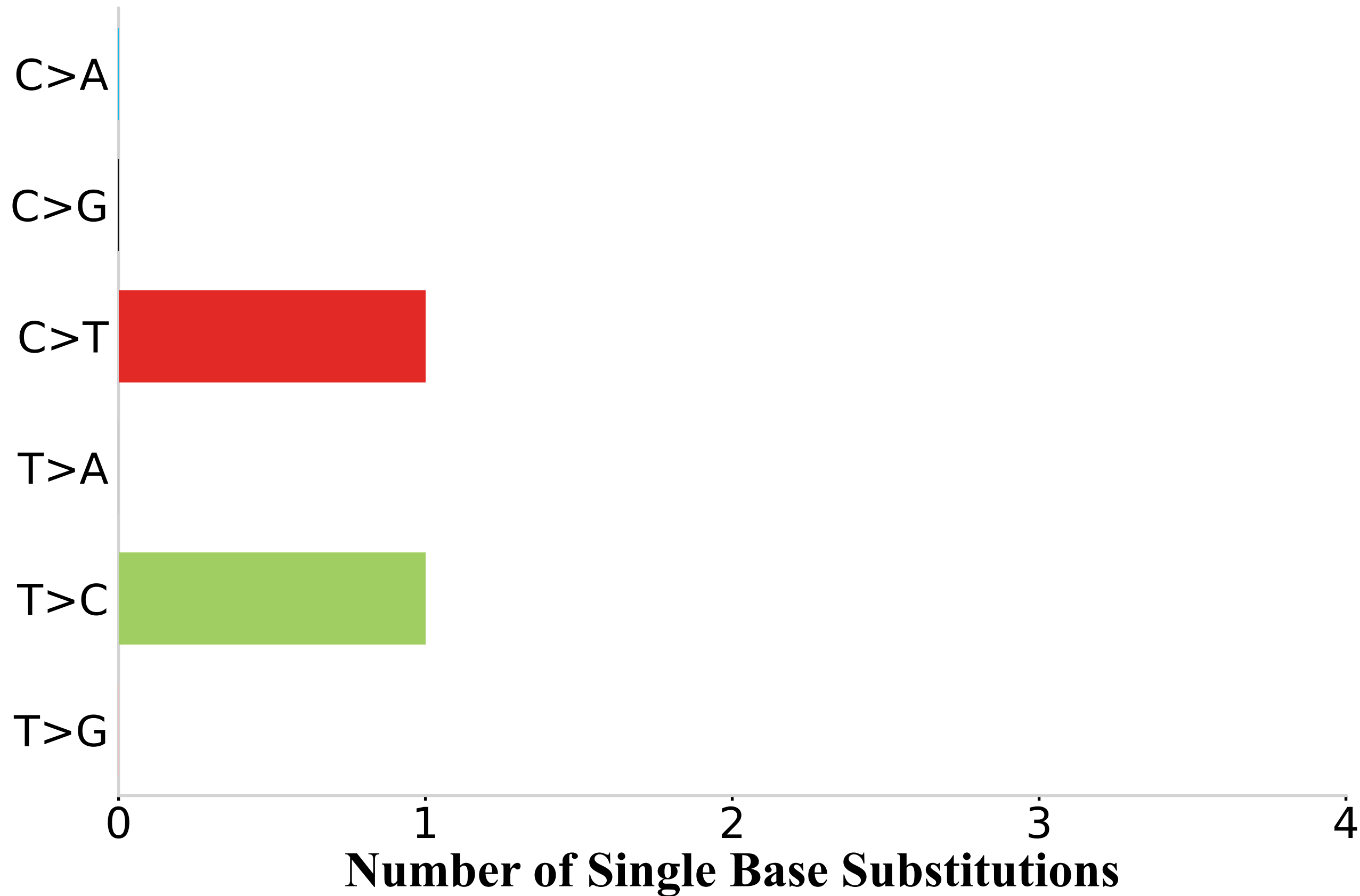
P-0019995-T01-IM6: 3 subs



P-0020019-T01-IM6: 4 subs



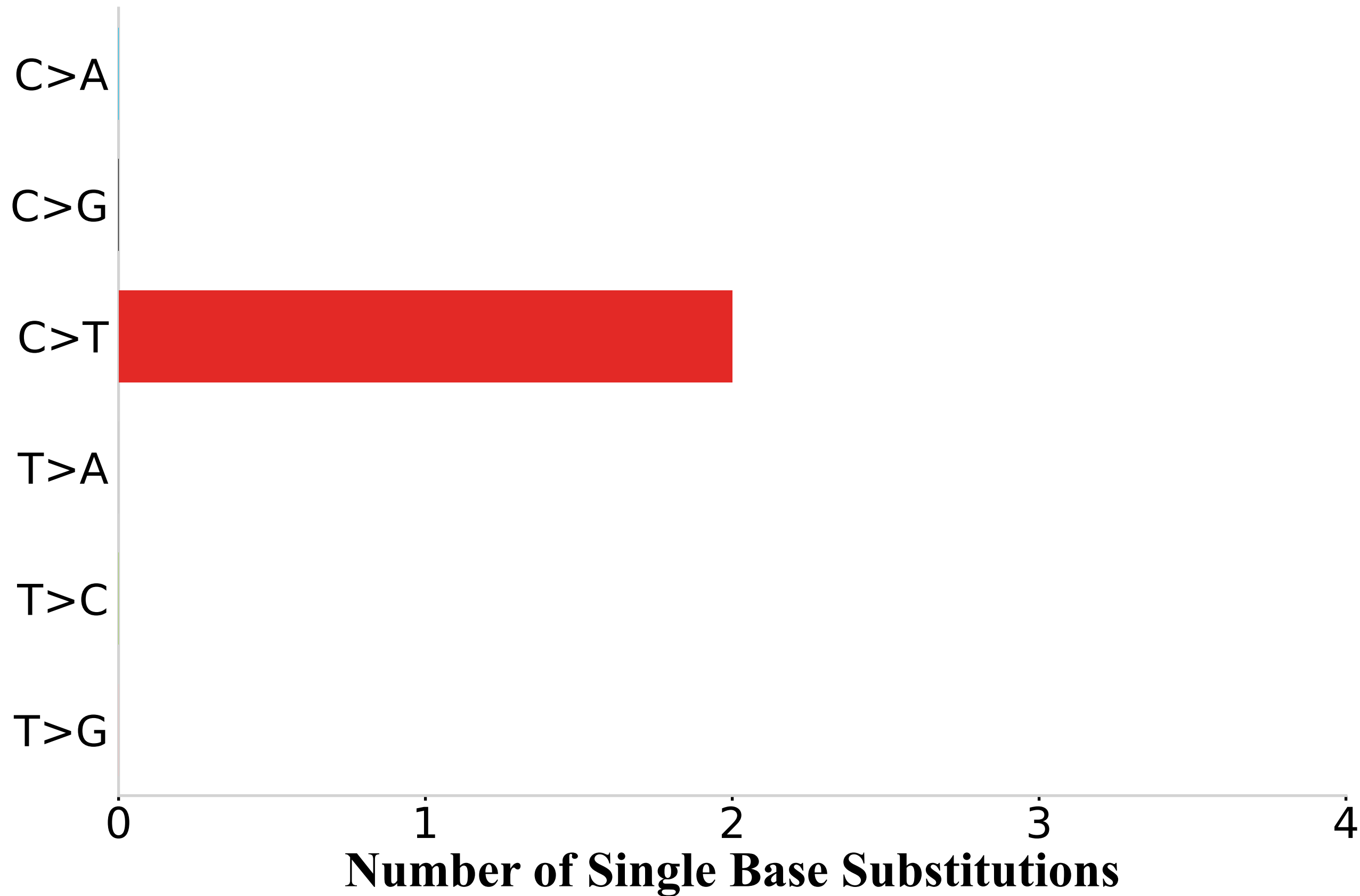
P-0020134-T01-IM6: 2 subs



P-0020164-T01-IM6: 2 subs



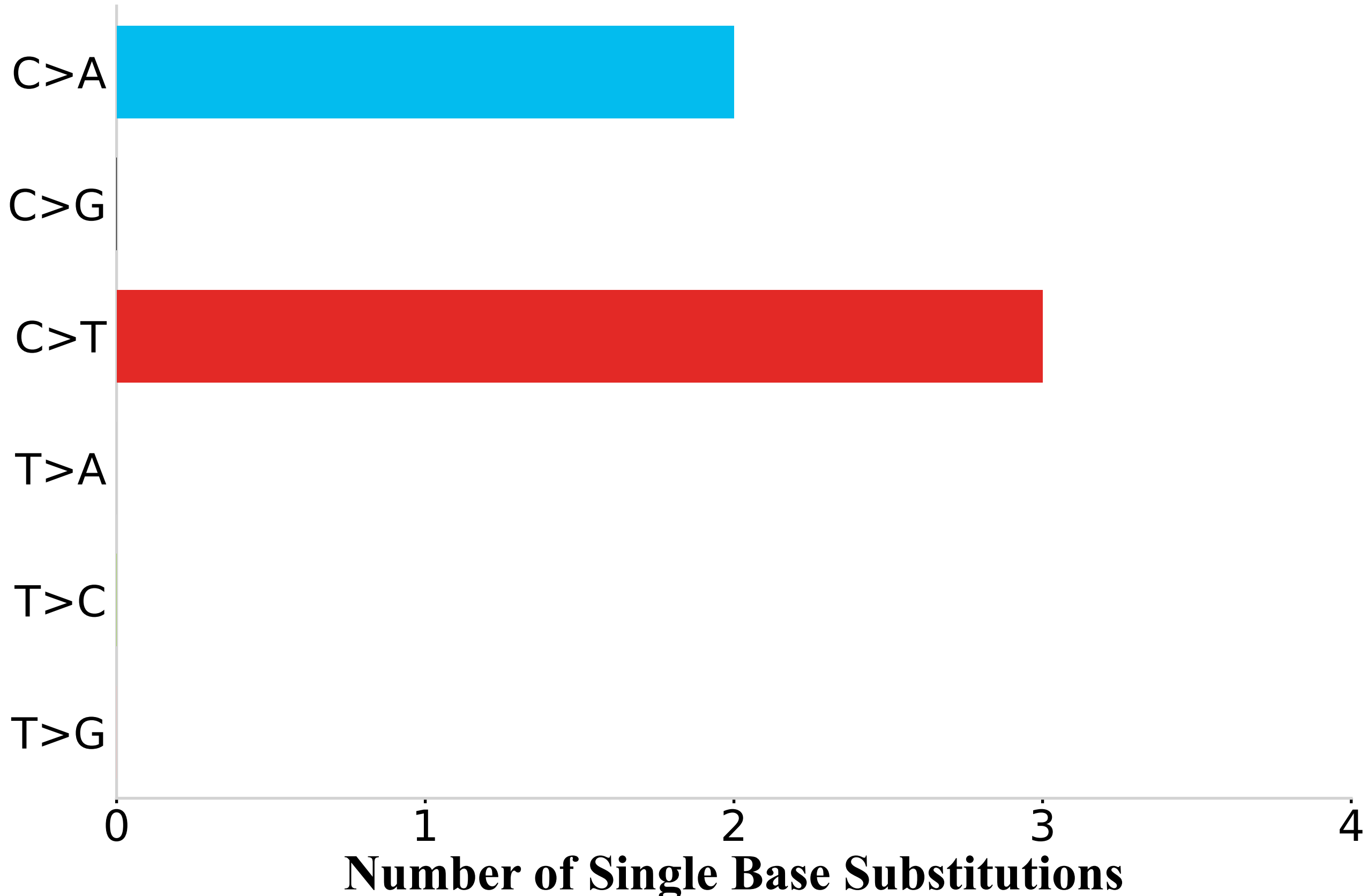
P-0020345-T01-IM6: 2 subs



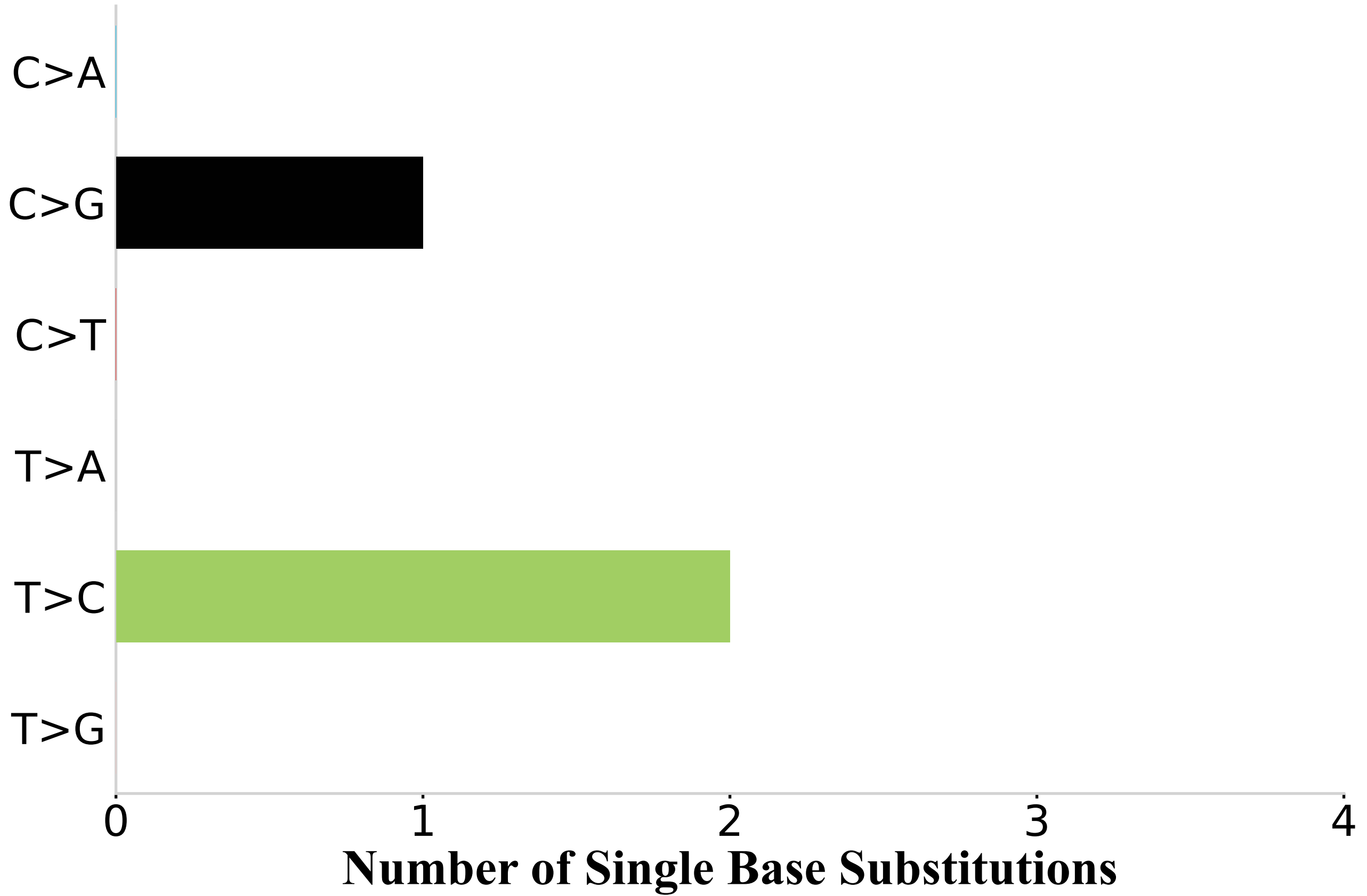
P-0020410-T01-IM6: 1 subs



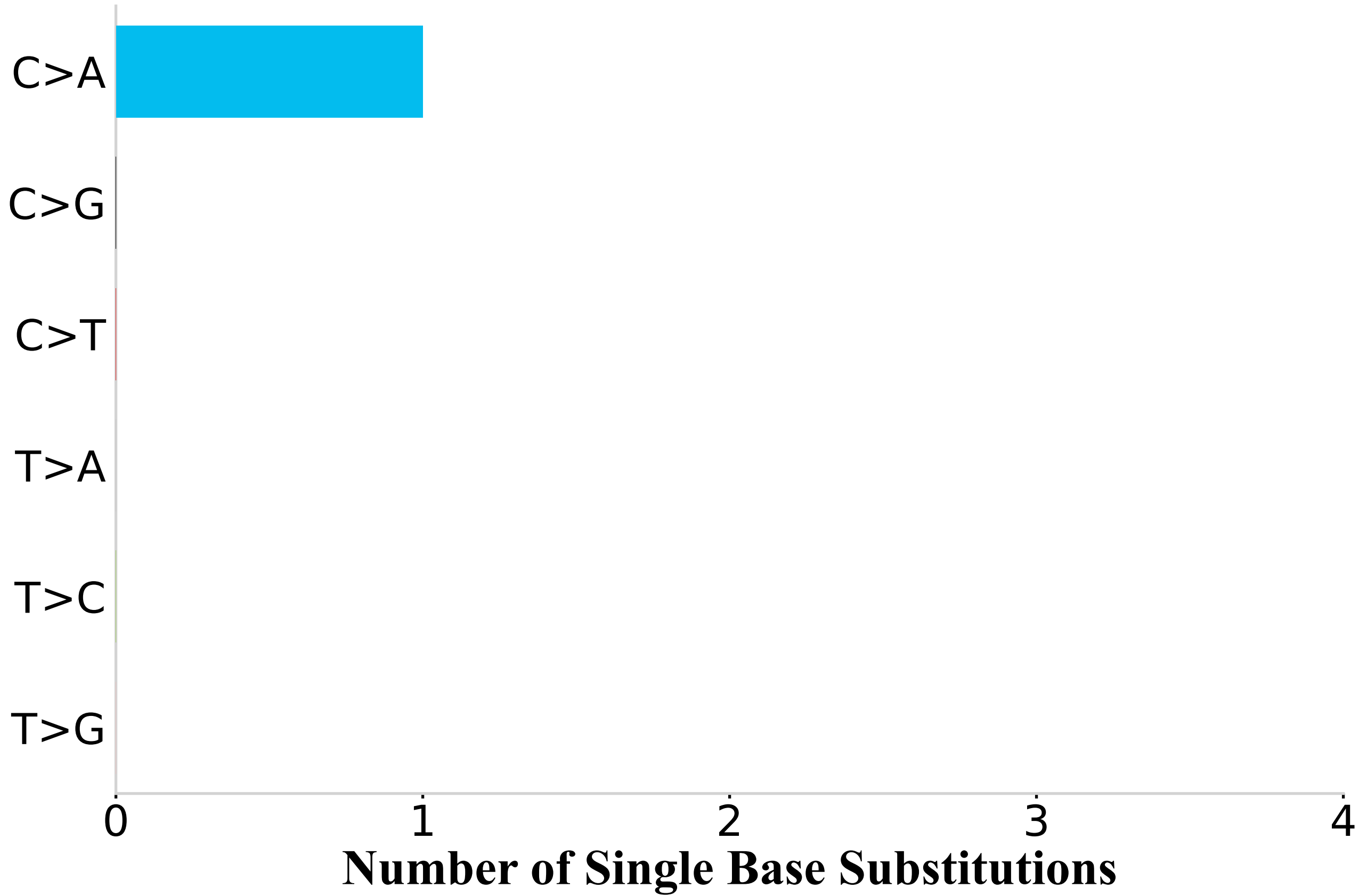
P-0020613-T02-IM6: 5 subs



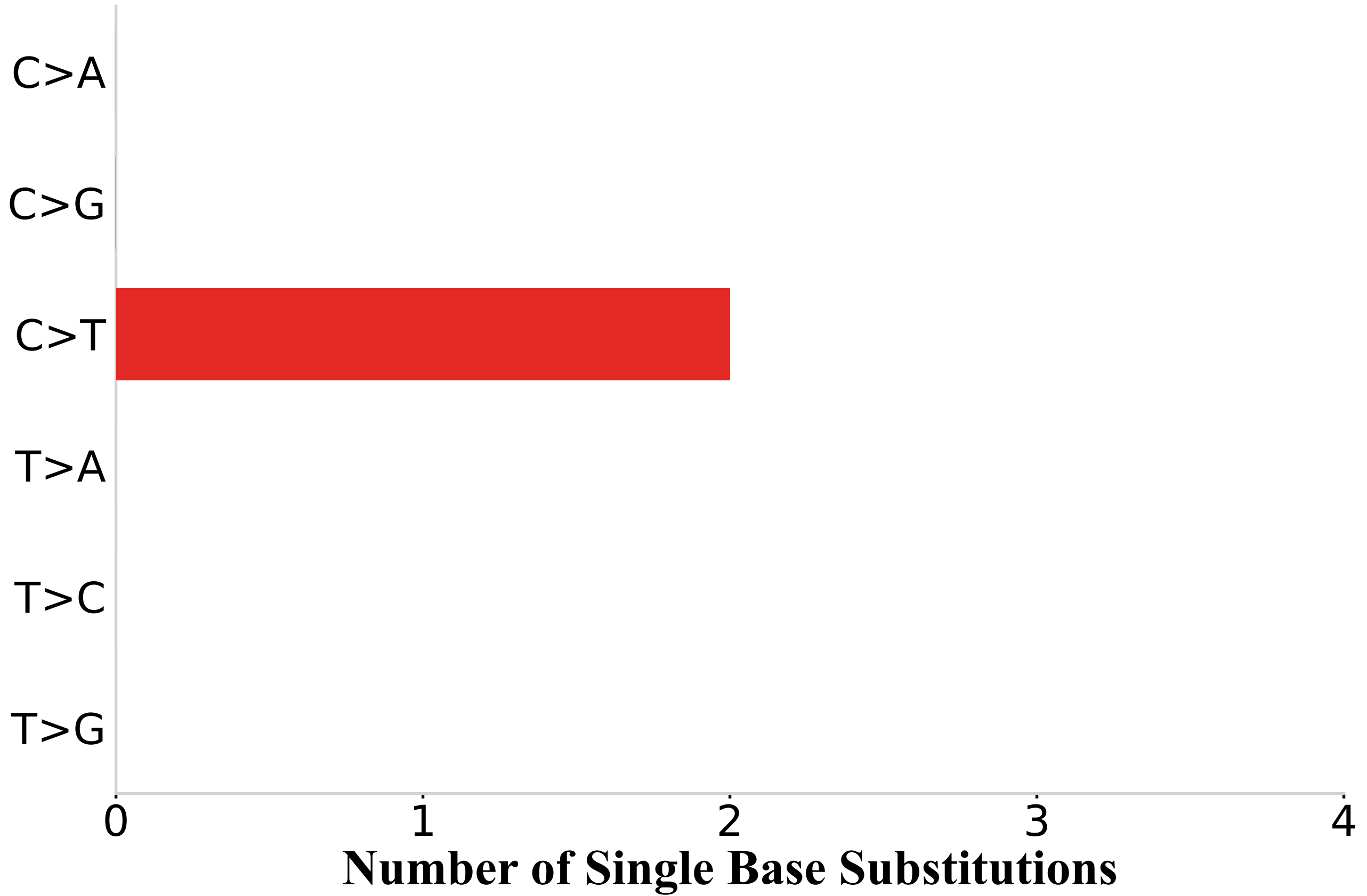
P-0020671-T01-IM6: 3 subs



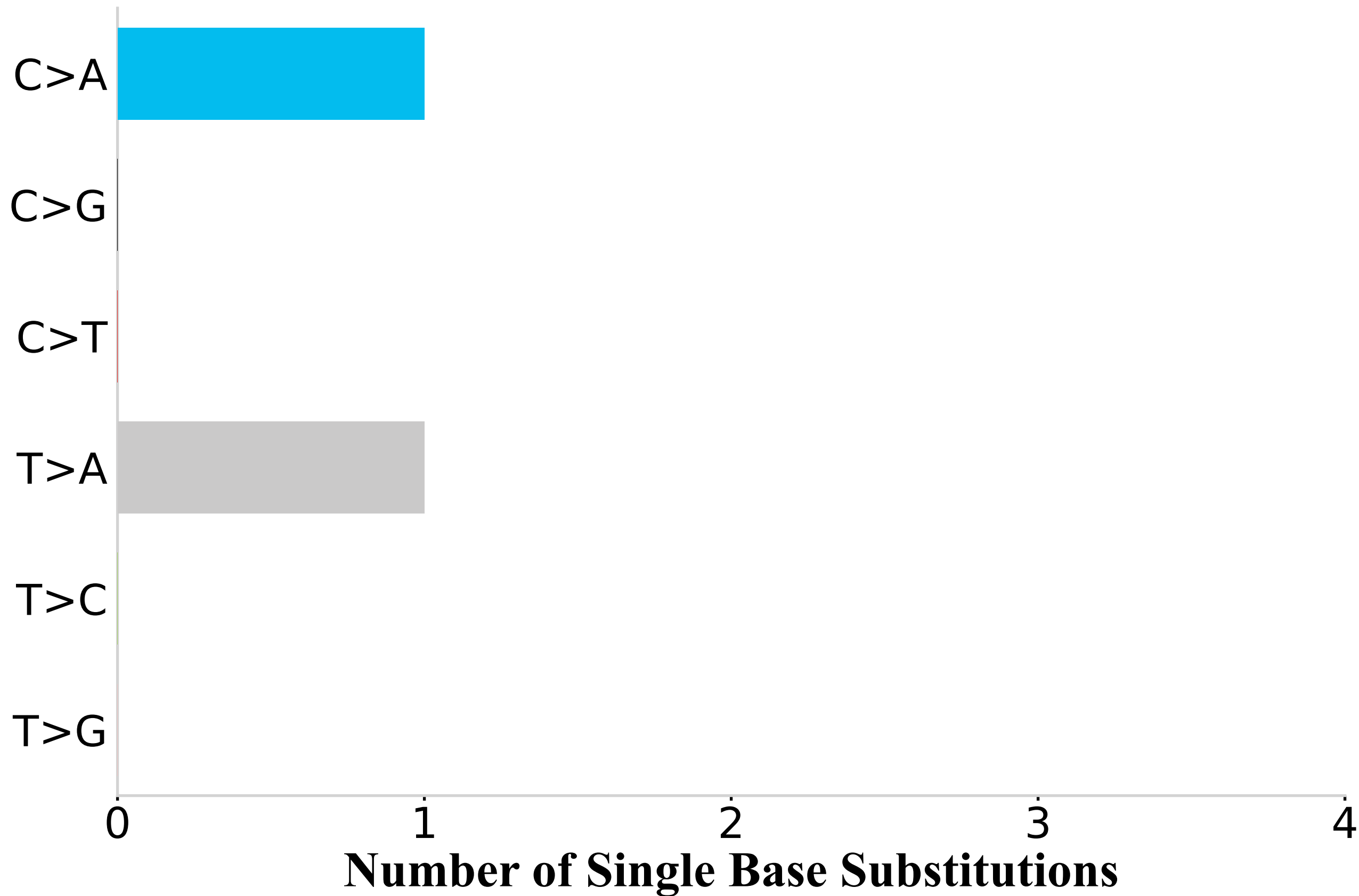
P-0020726-T01-IM6: 1 subs



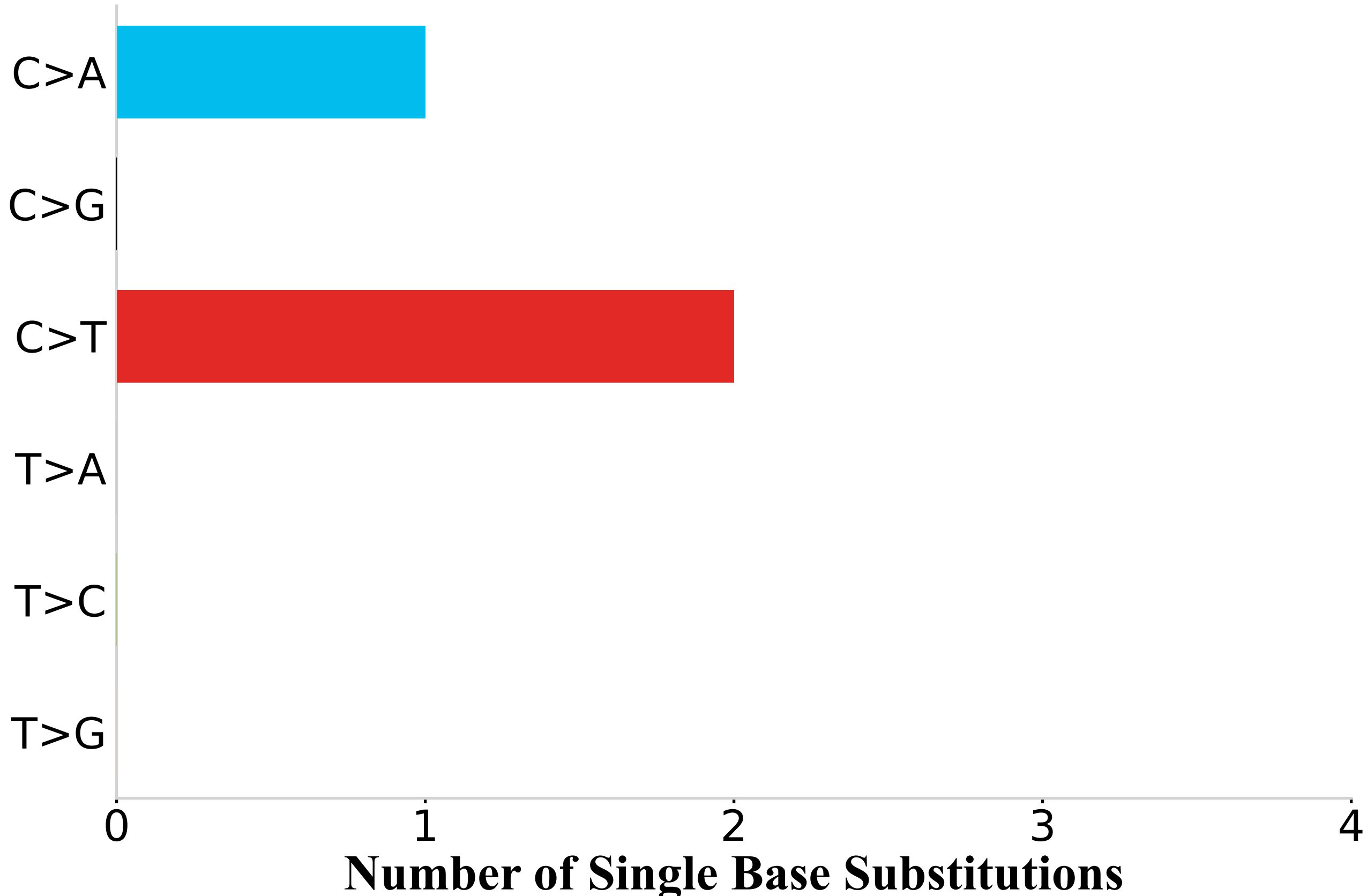
P-0020746-T01-IM6: 2 subs



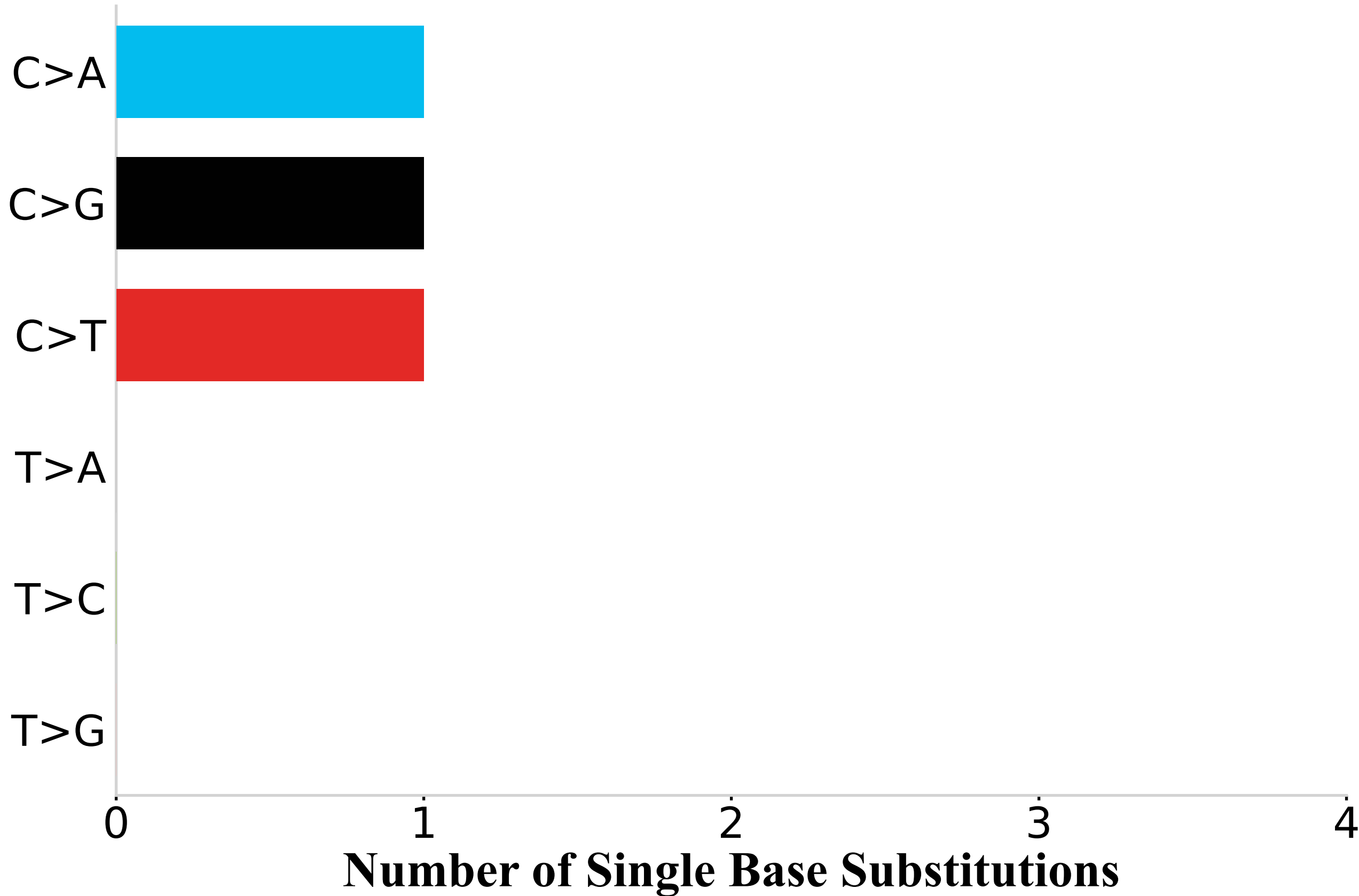
P-0020961-T01-IM6: 2 subs



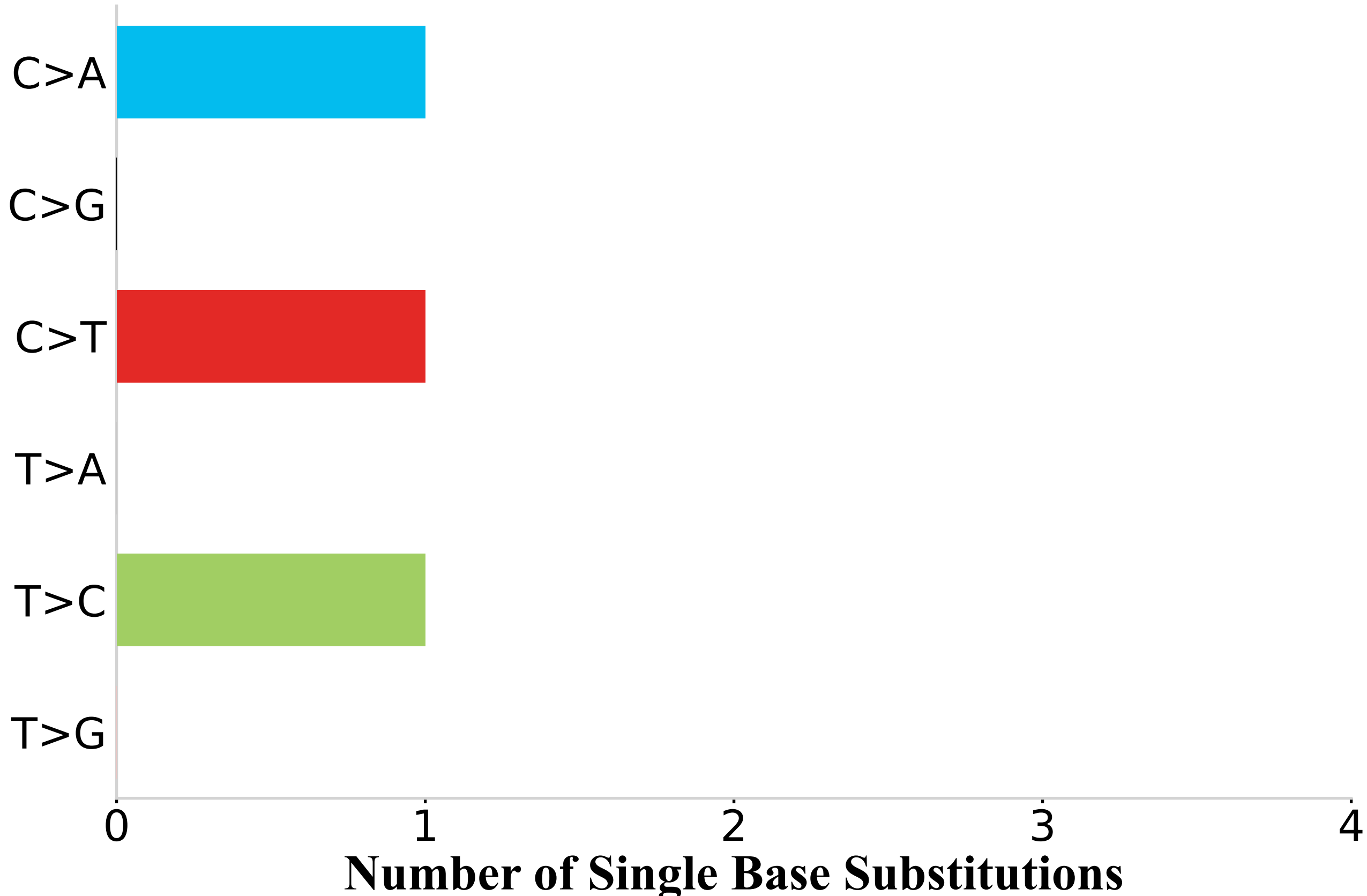
P-0020972-T01-IM6: 3 subs



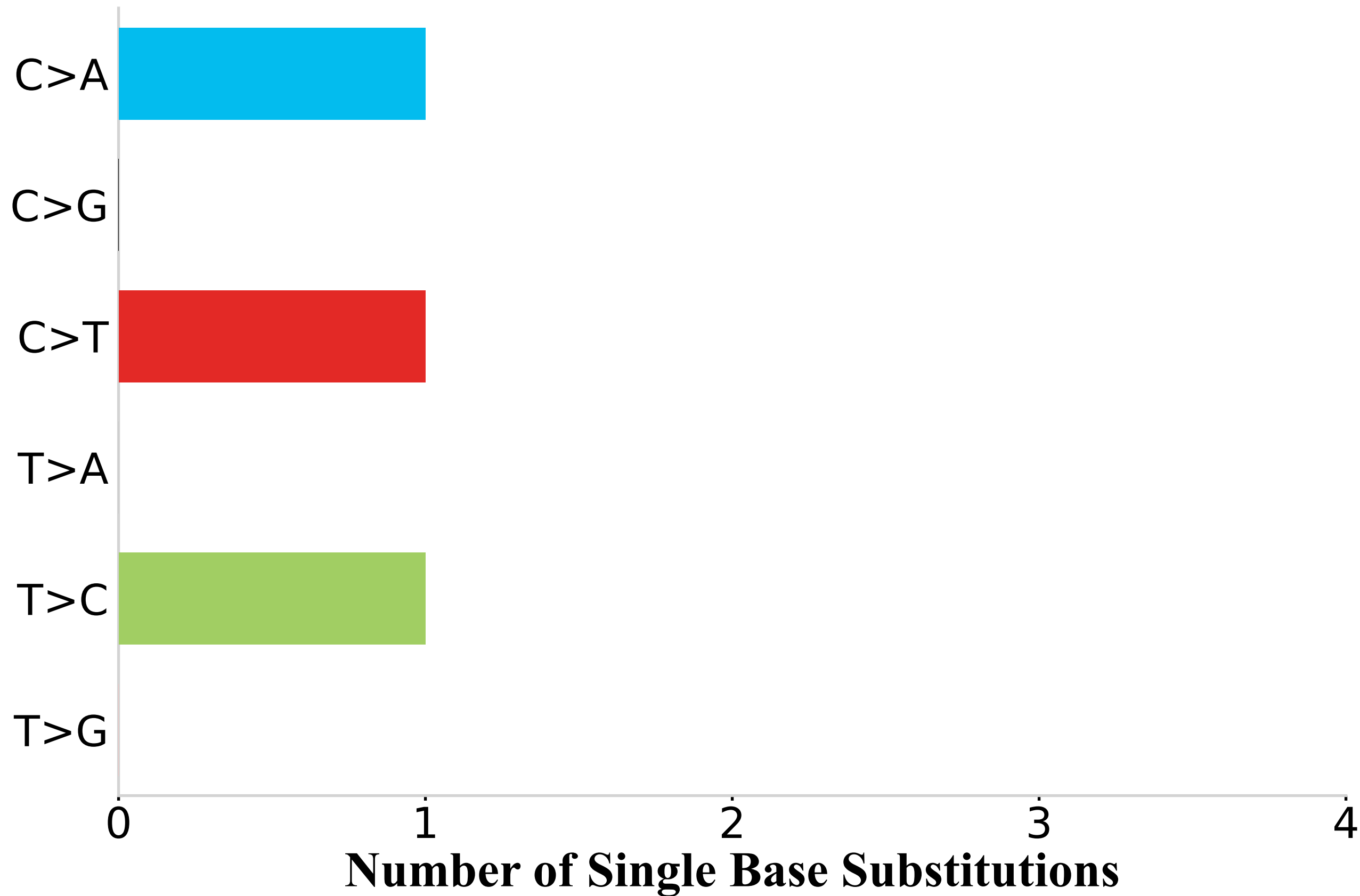
P-0020976-T01-IM6: 3 subs



P-0021071-T01-IM6: 3 subs



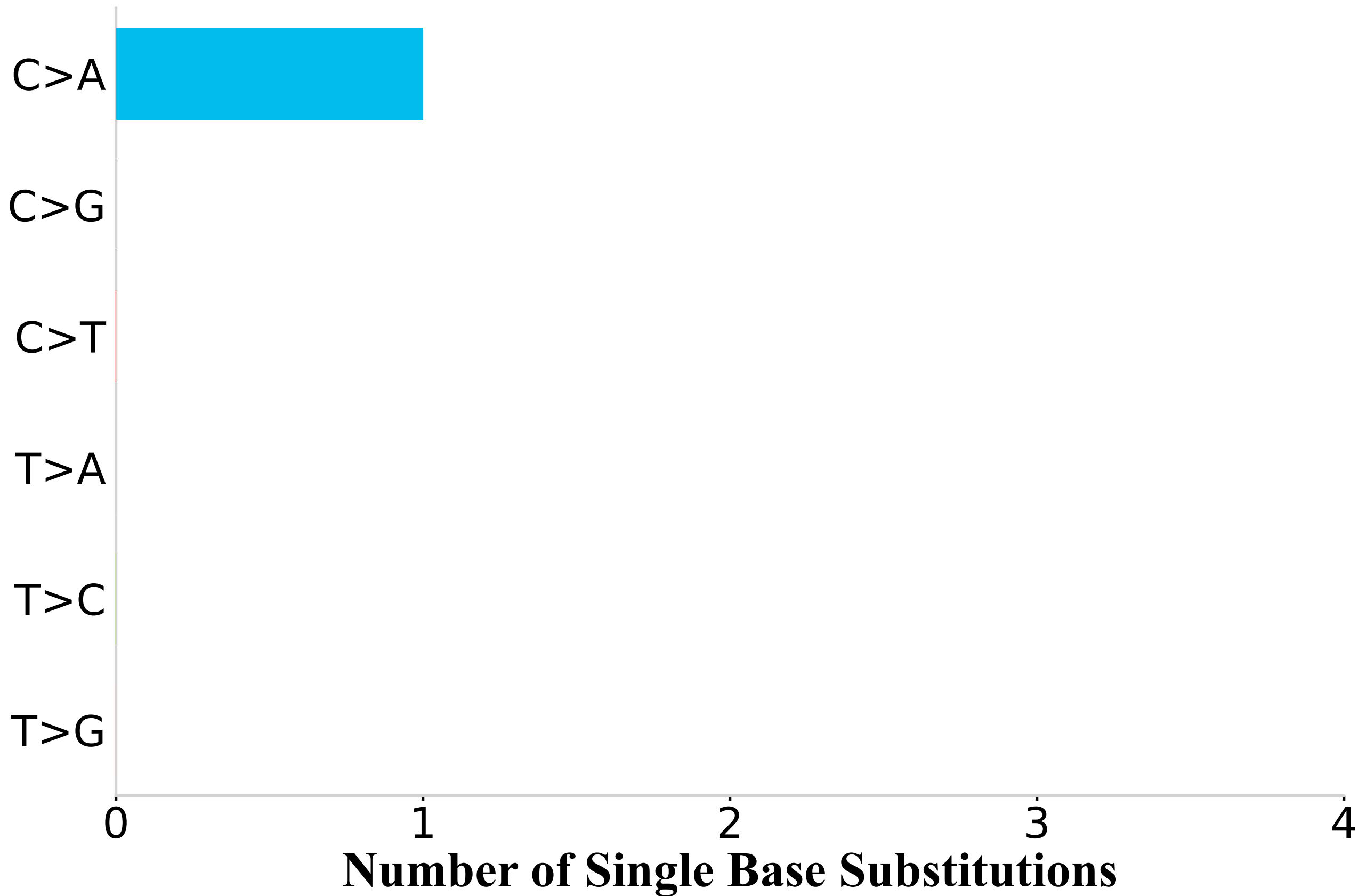
P-0021233-T01-IM6: 3 subs



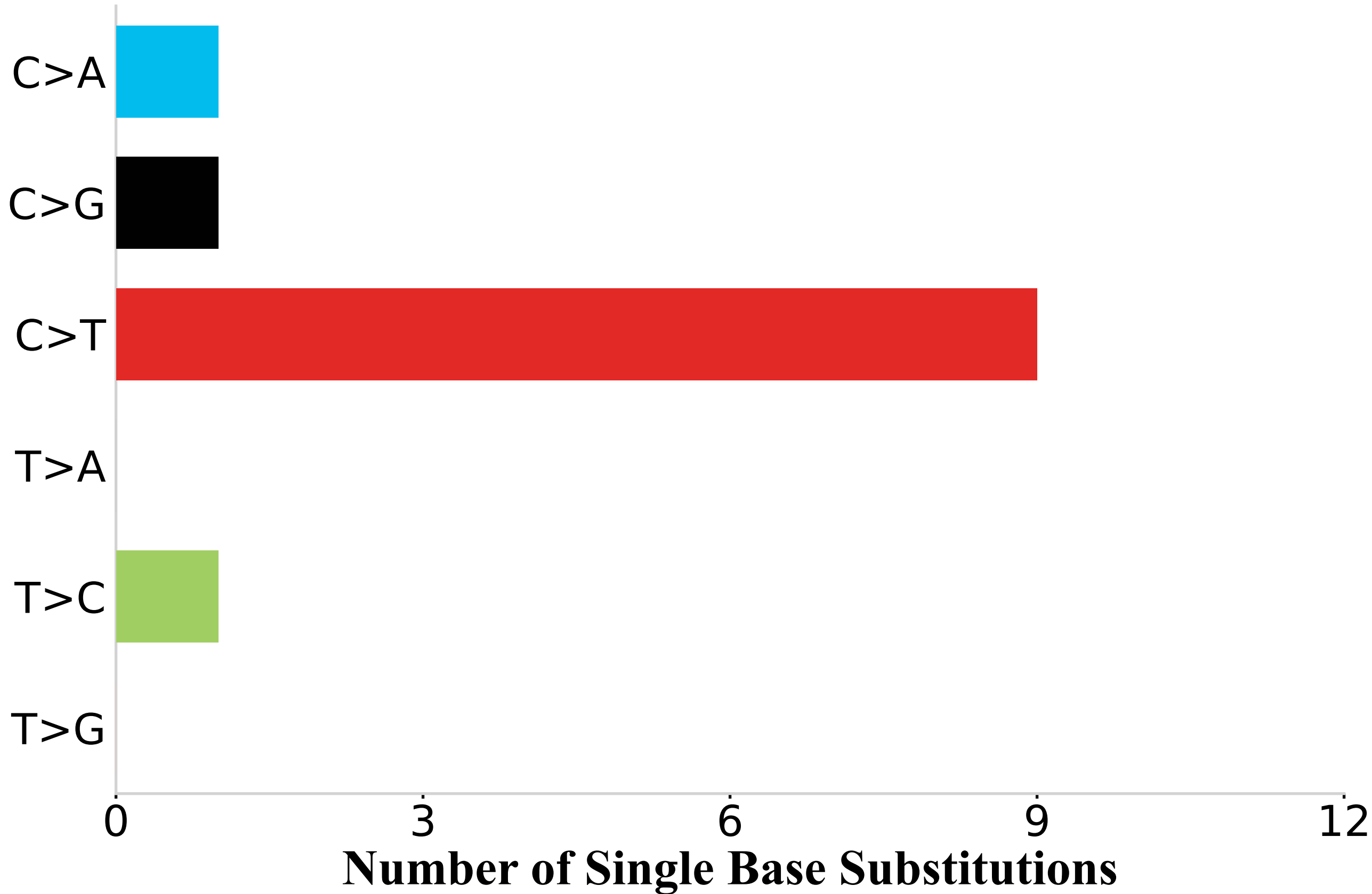
P-0021327-T01-IM6: 1 subs



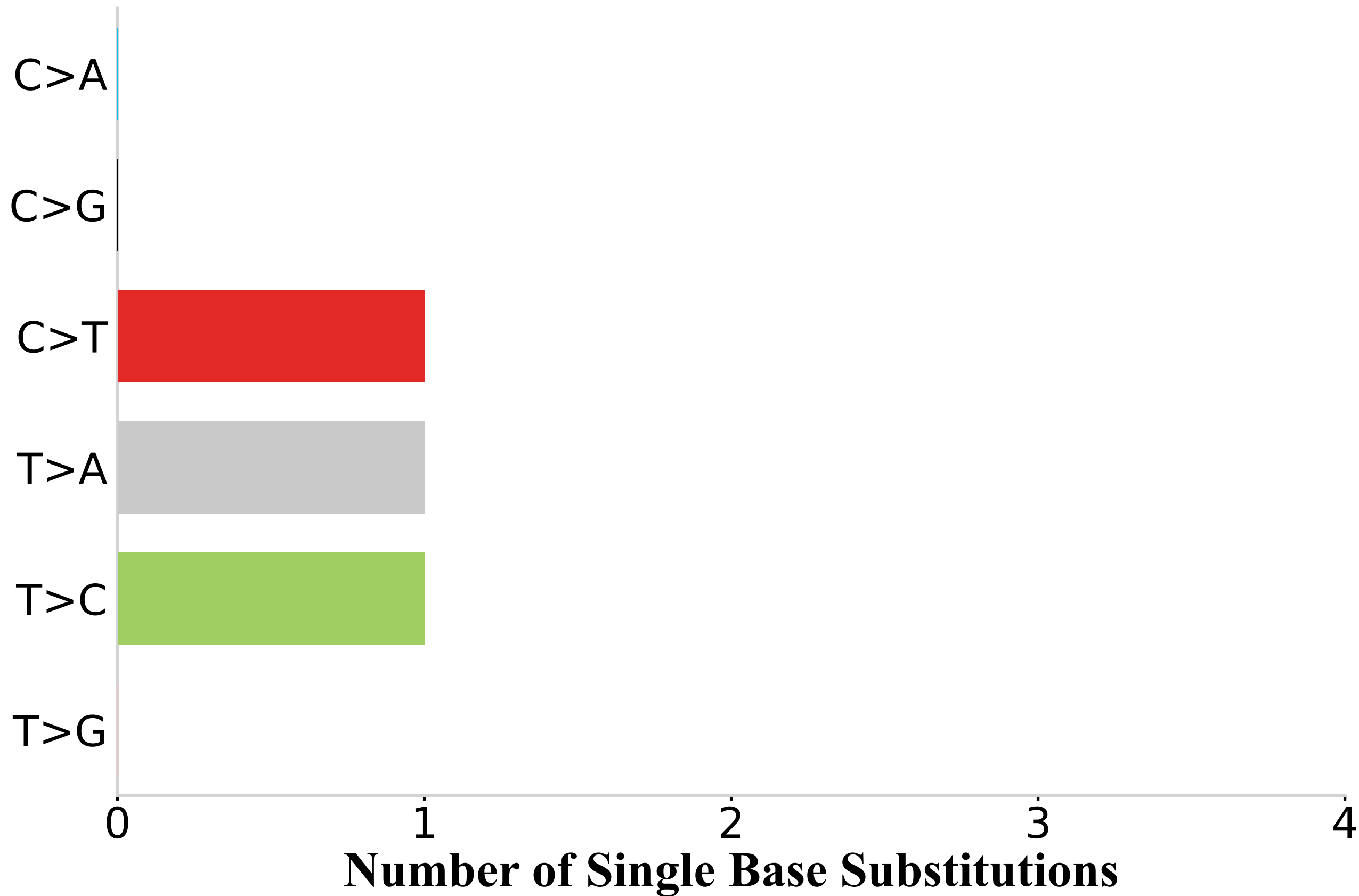
P-0021672-T01-IM6: 1 subs



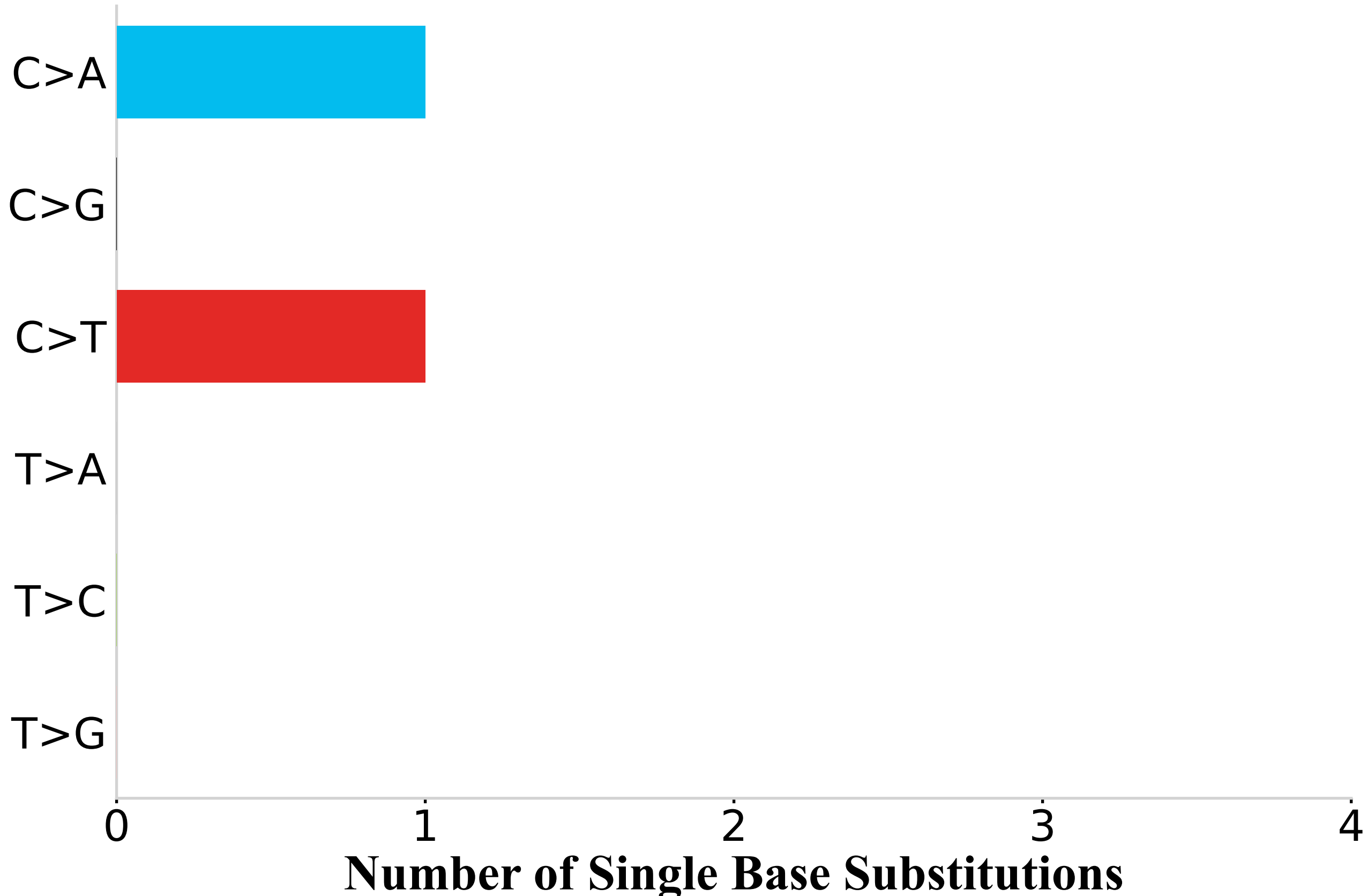
P-0021676-T01-IM6: 12 subs



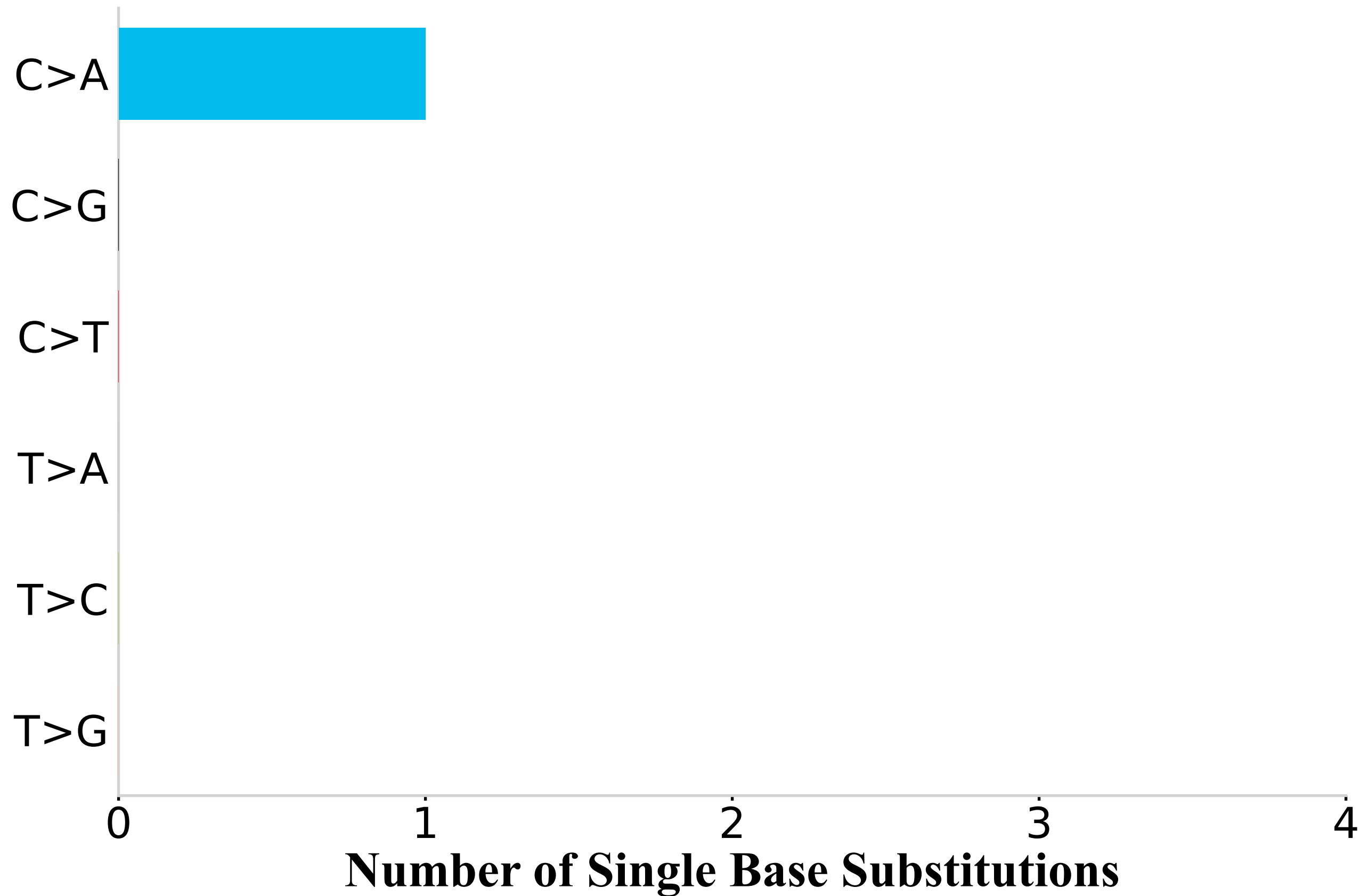
P-0021923-T01-IM6: 3 subs



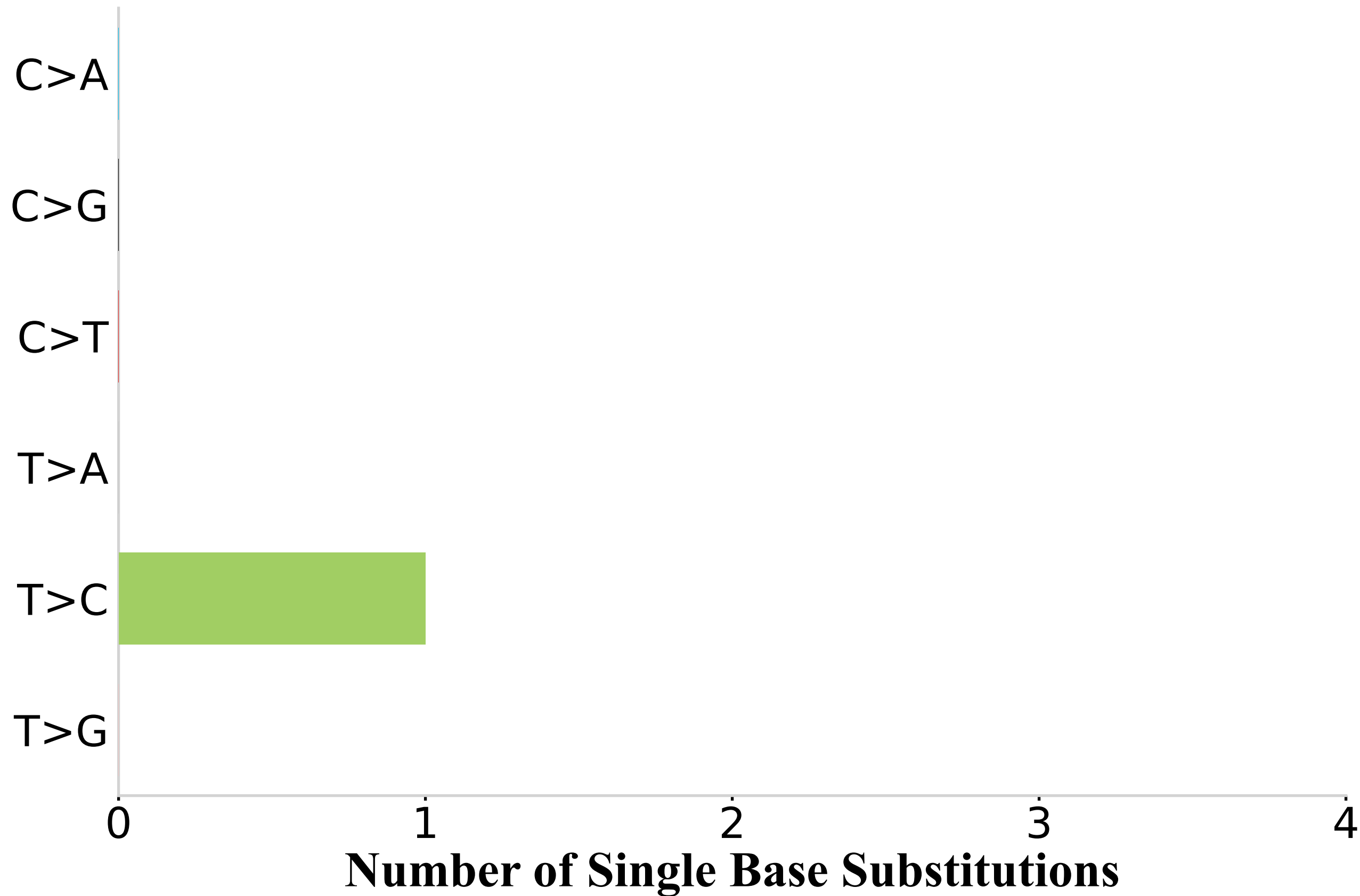
P-0022253-T01-IM6: 2 subs



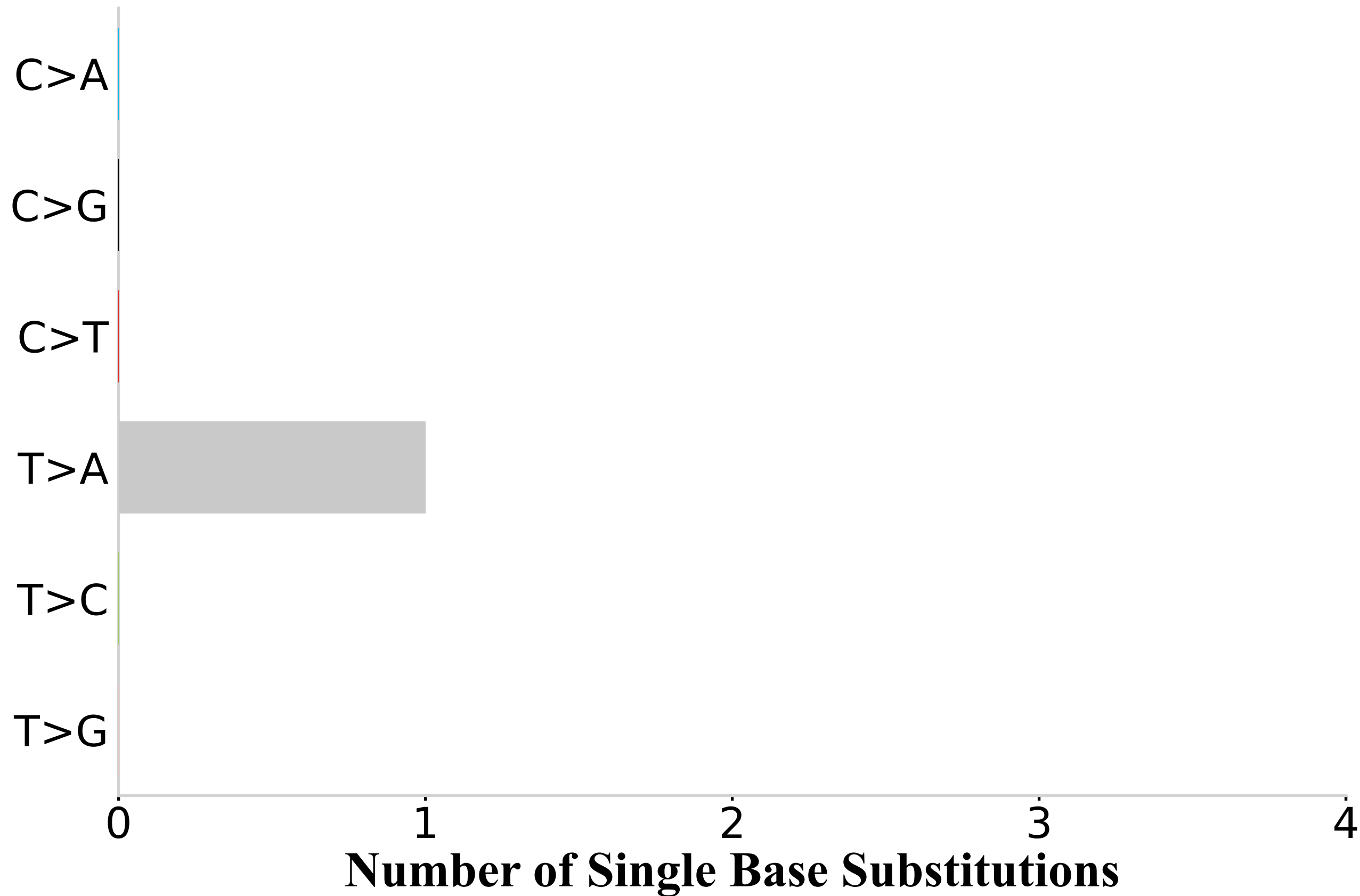
P-0022369-T01-IM6: 1 subs



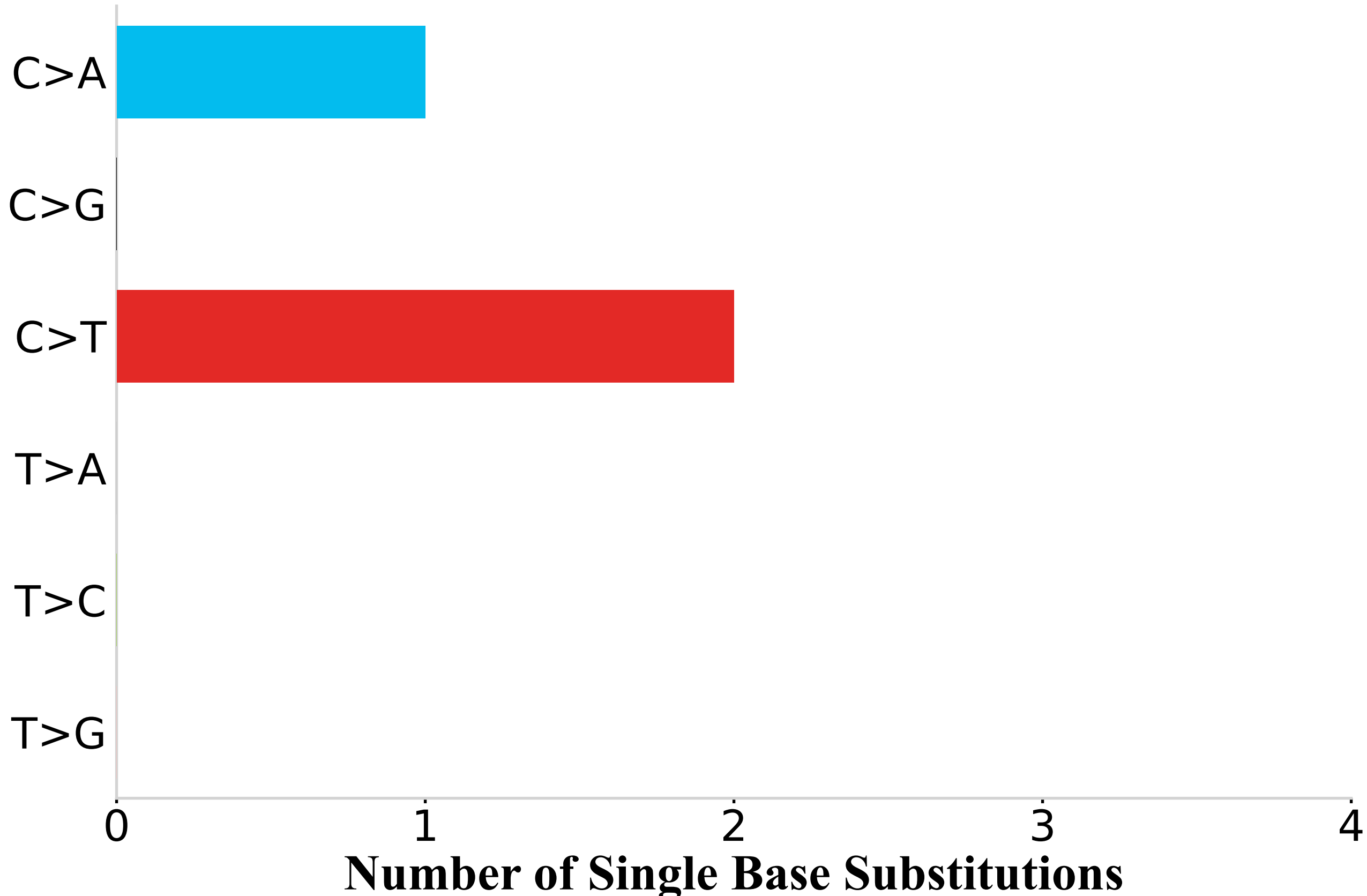
P-0022544-T01-IM6: 1 subs



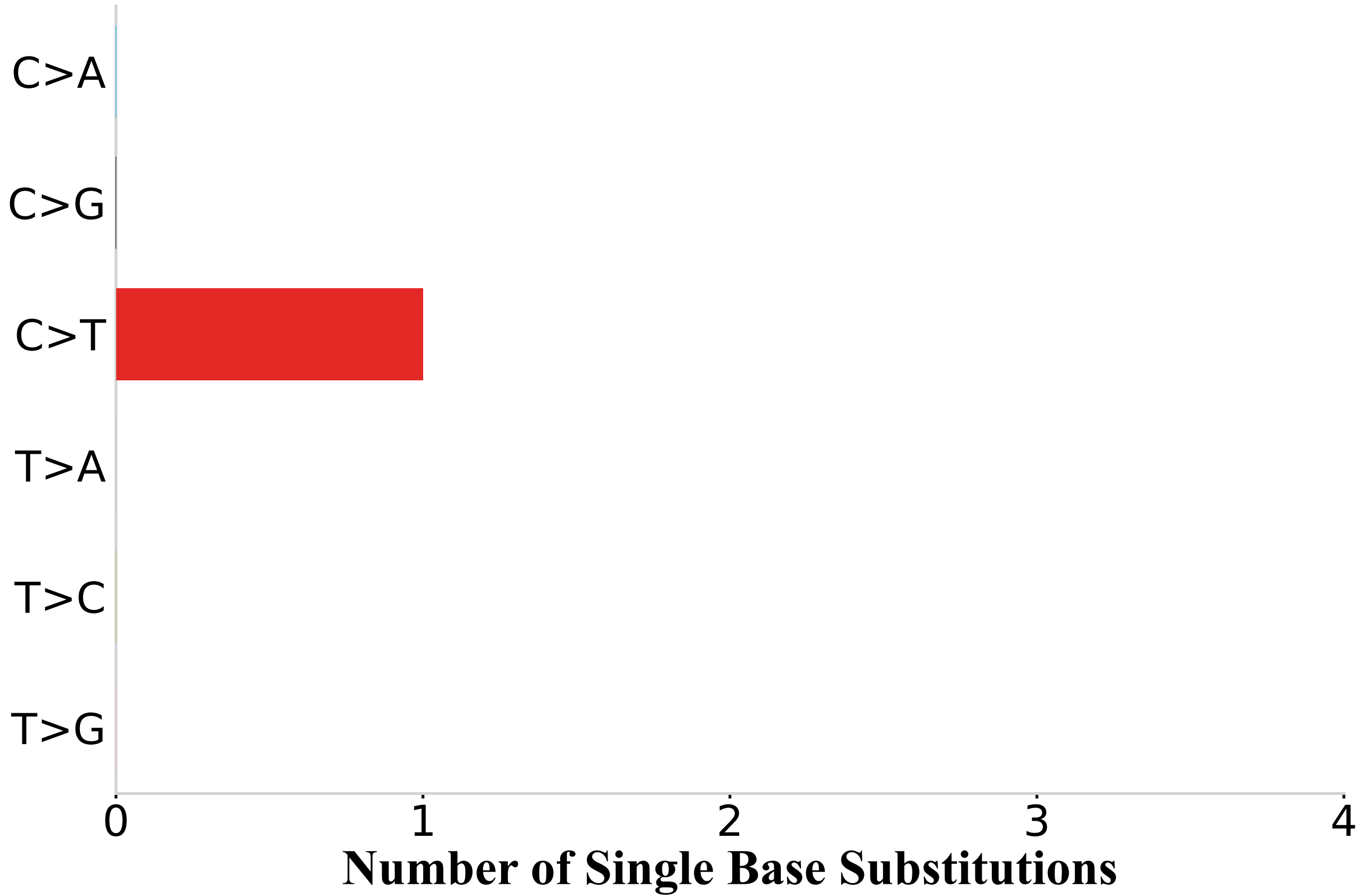
P-0023103-T01-IM6: 1 subs



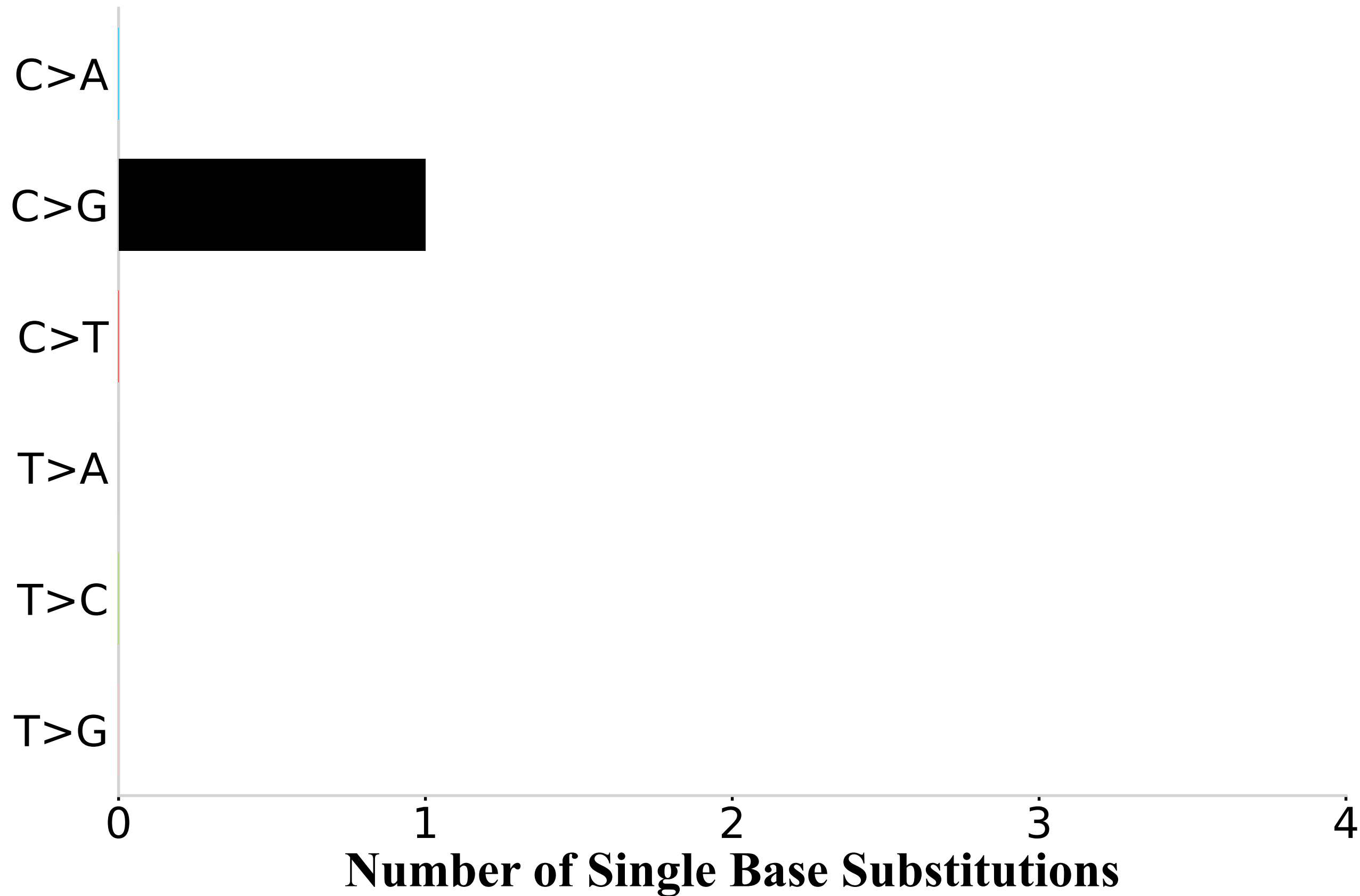
P-0023288-T01-IM6: 3 subs



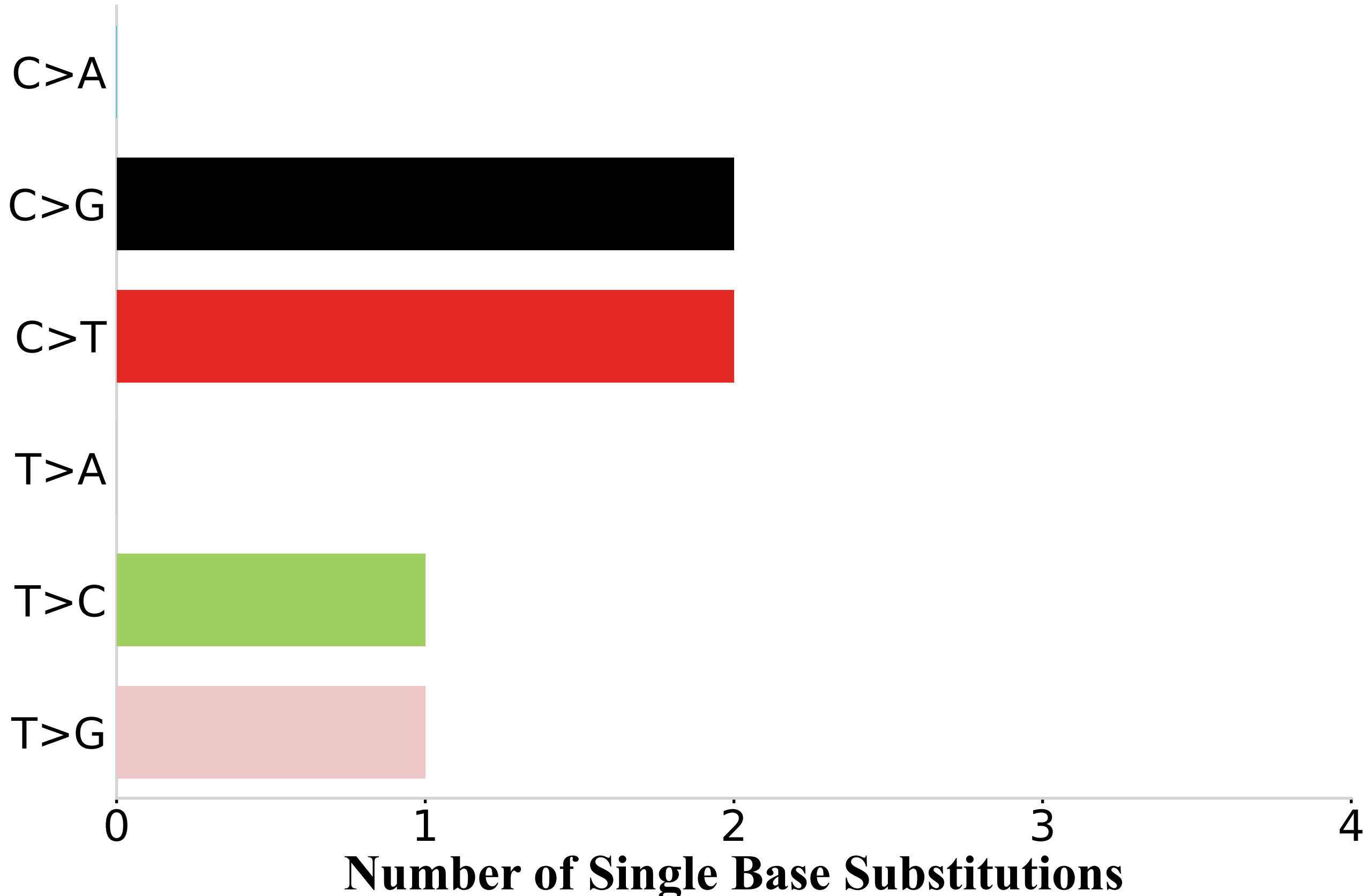
P-0023297-T01-IM6: 1 subs



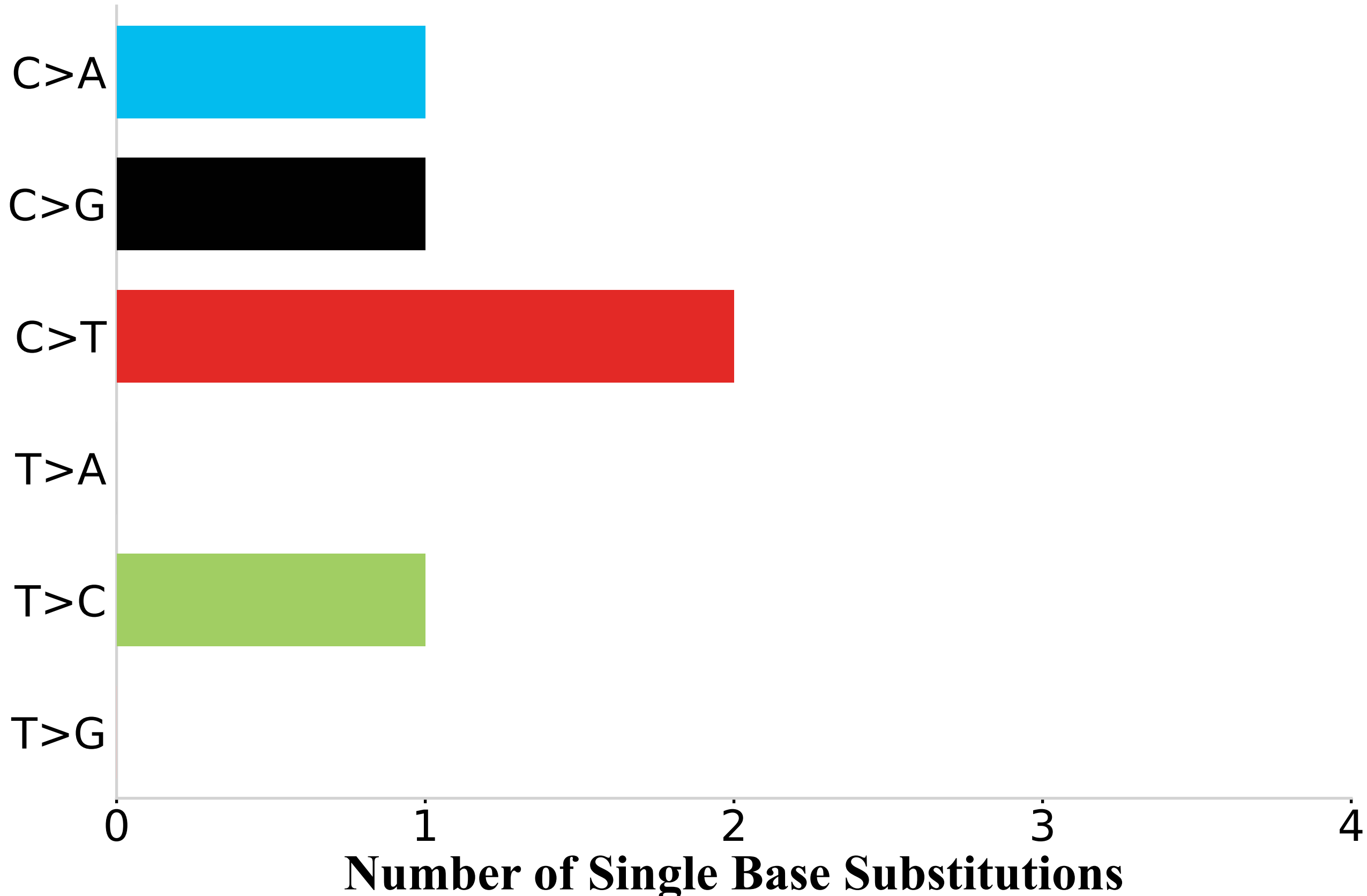
P-0023349-T01-IM6: 1 subs



P-0023351-T01-IM6: 6 subs



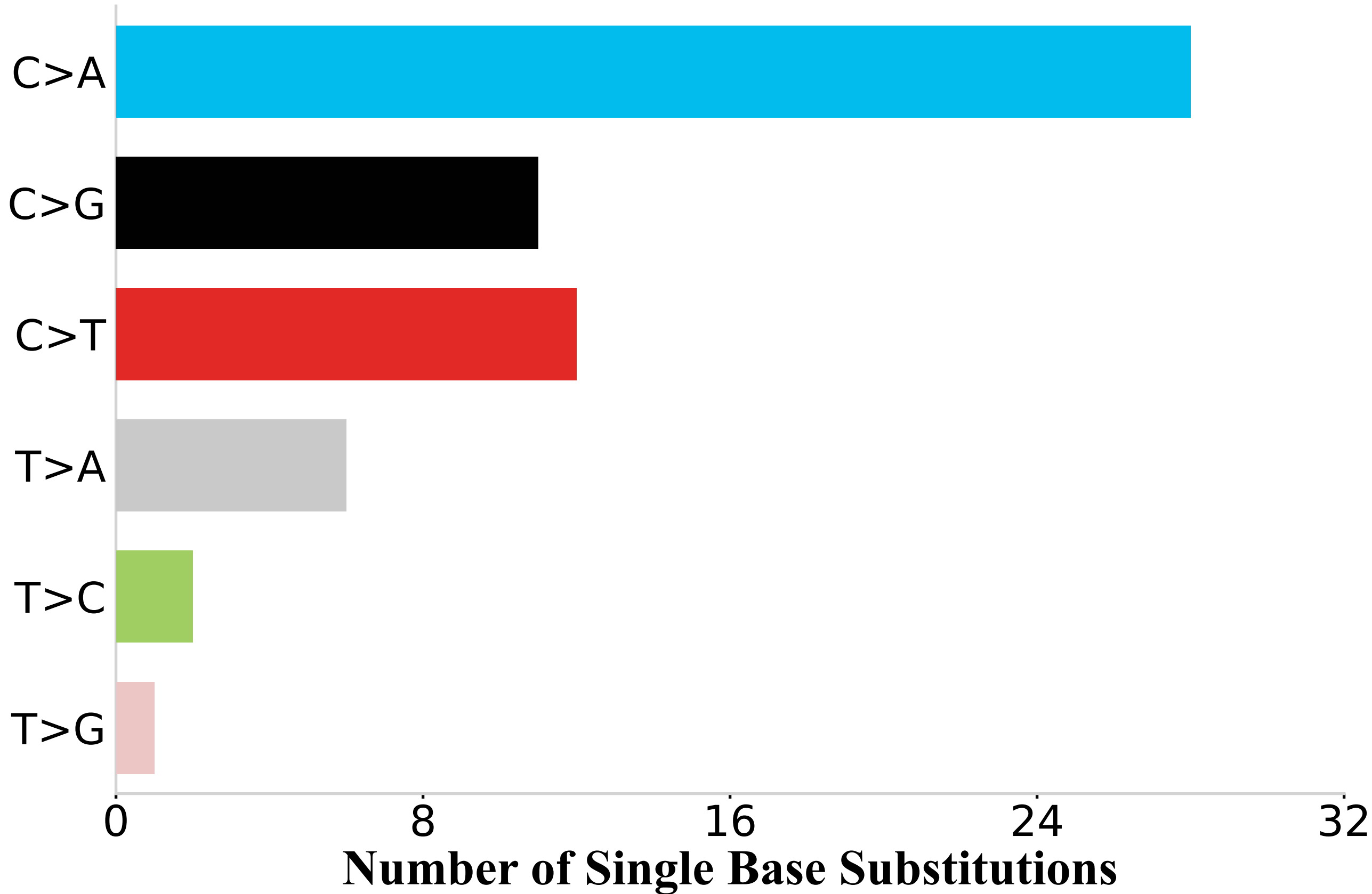
P-0023593-T01-IM6: 5 subs



P-0023672-T01-IM6: 1 subs



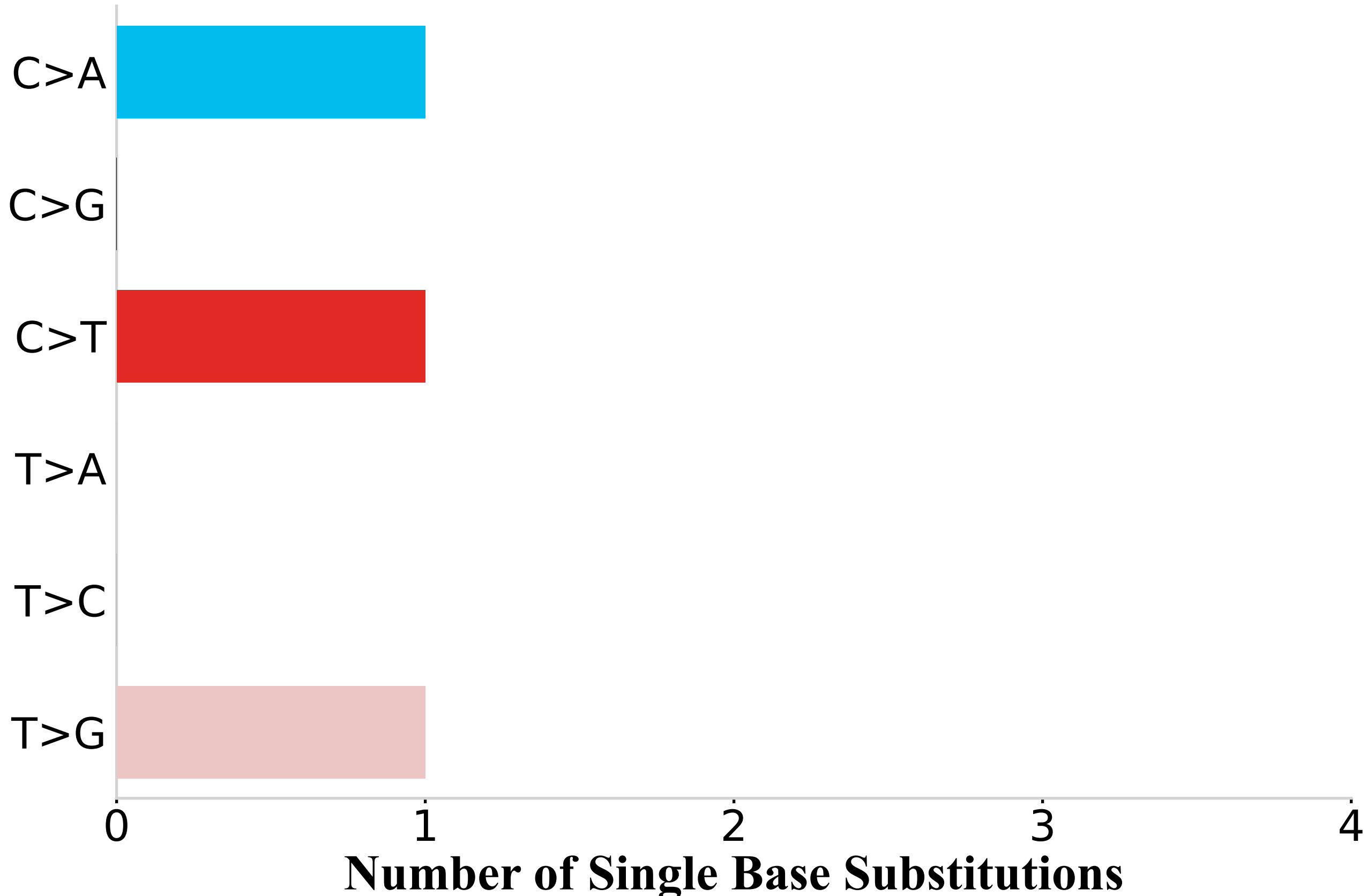
P-0023701-T01-IM6: 60 subs



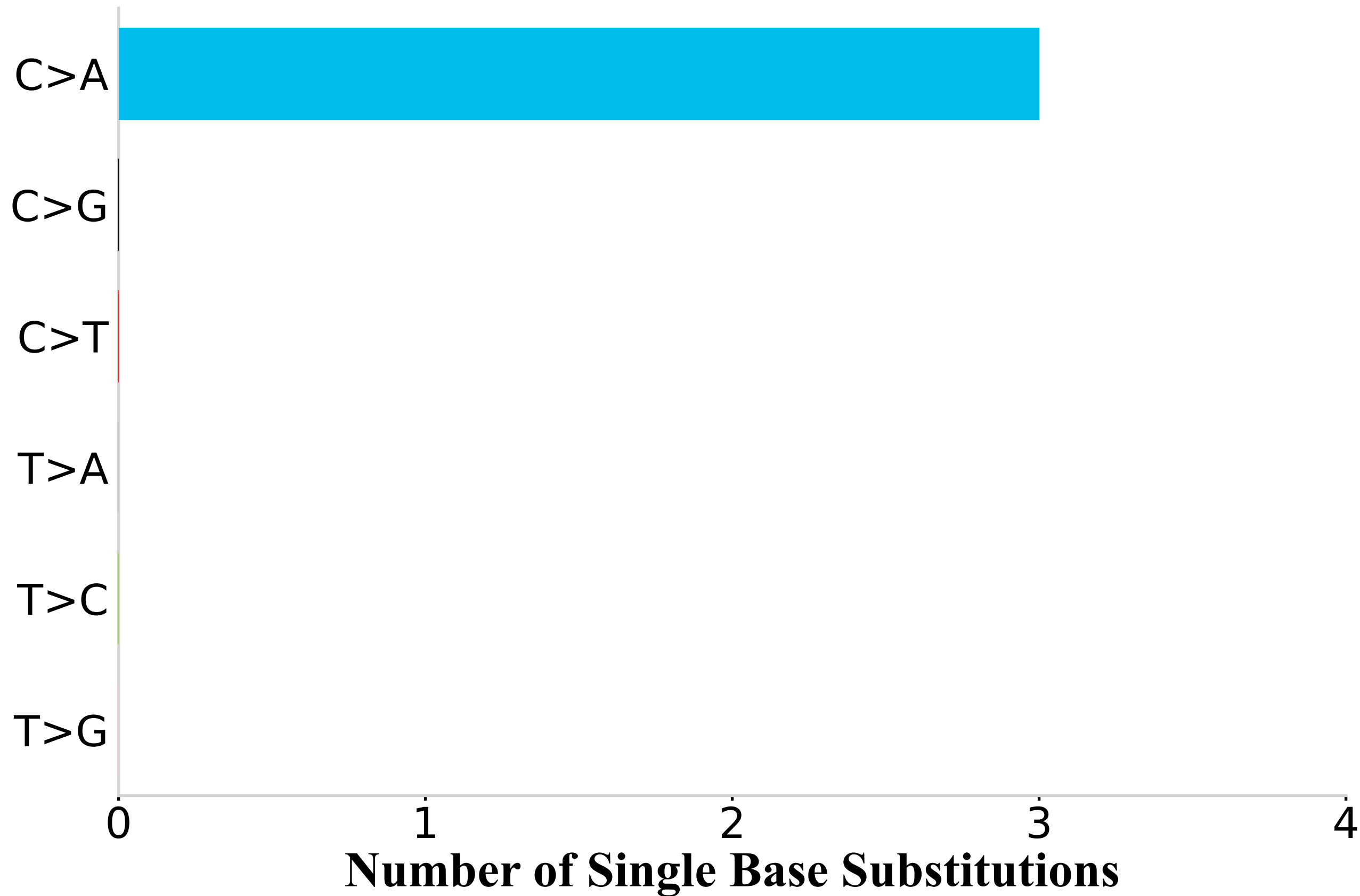
P-0023703-T01-IM6: 1 subs



P-0023722-T01-IM6: 3 subs



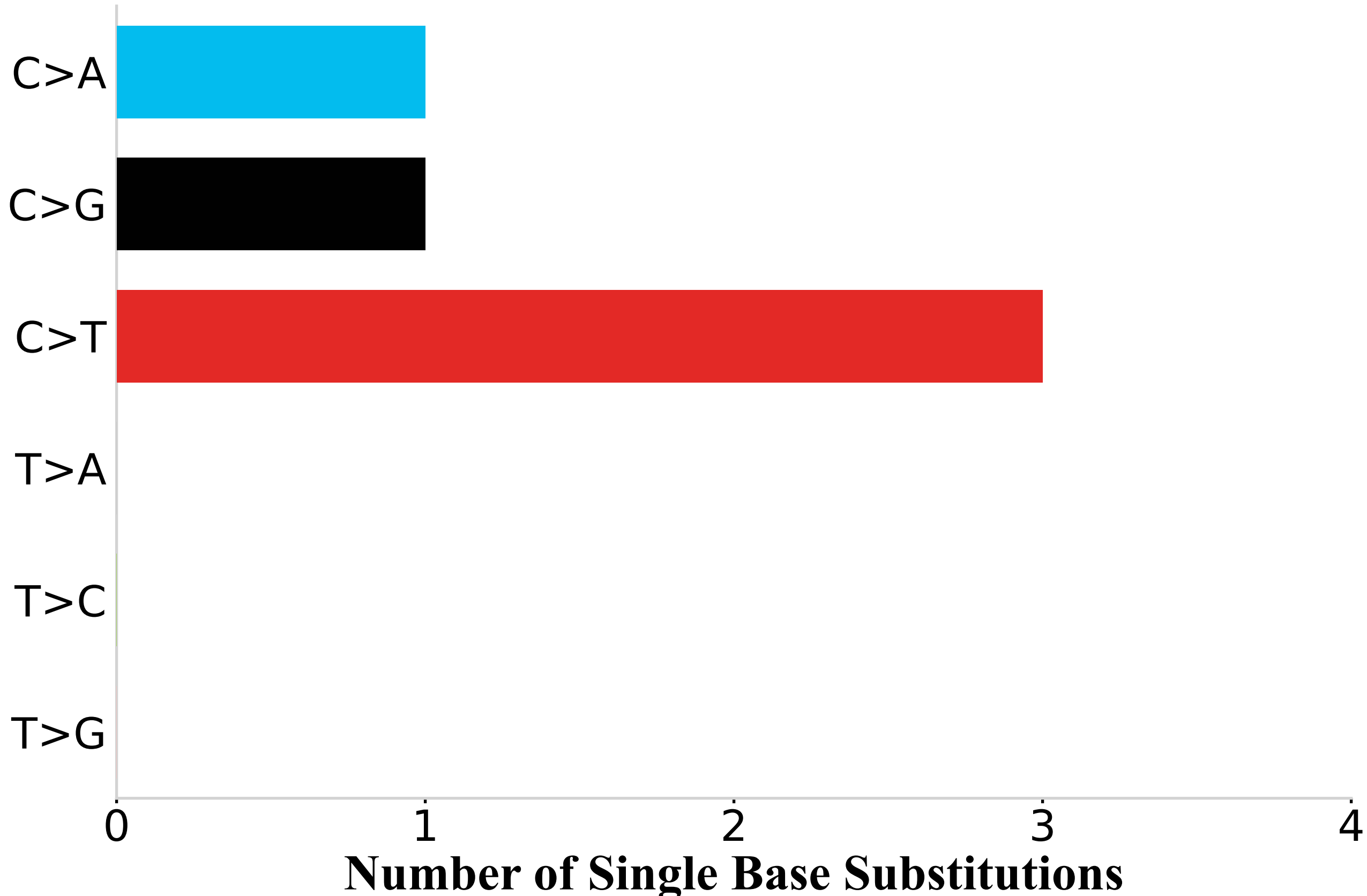
P-0023976-T01-IM6: 3 subs



P-0024085-T01-IM6: 1 subs



P-0024099-T01-IM6: 5 subs



P-0024187-T01-IM6: 3 subs

C>A

C>G

C>T

T>A

T>C

T>G

0

1

2

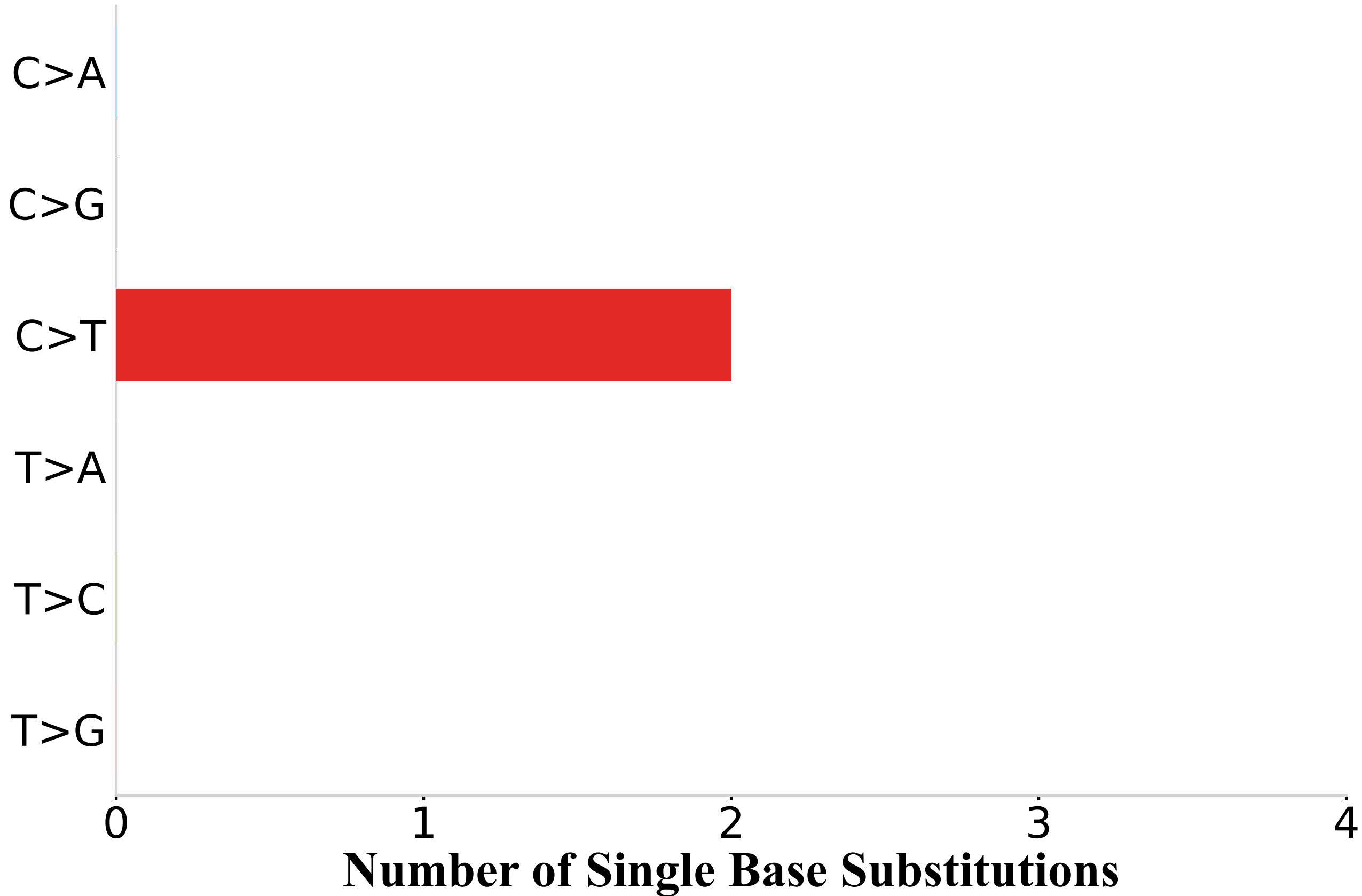
3

4

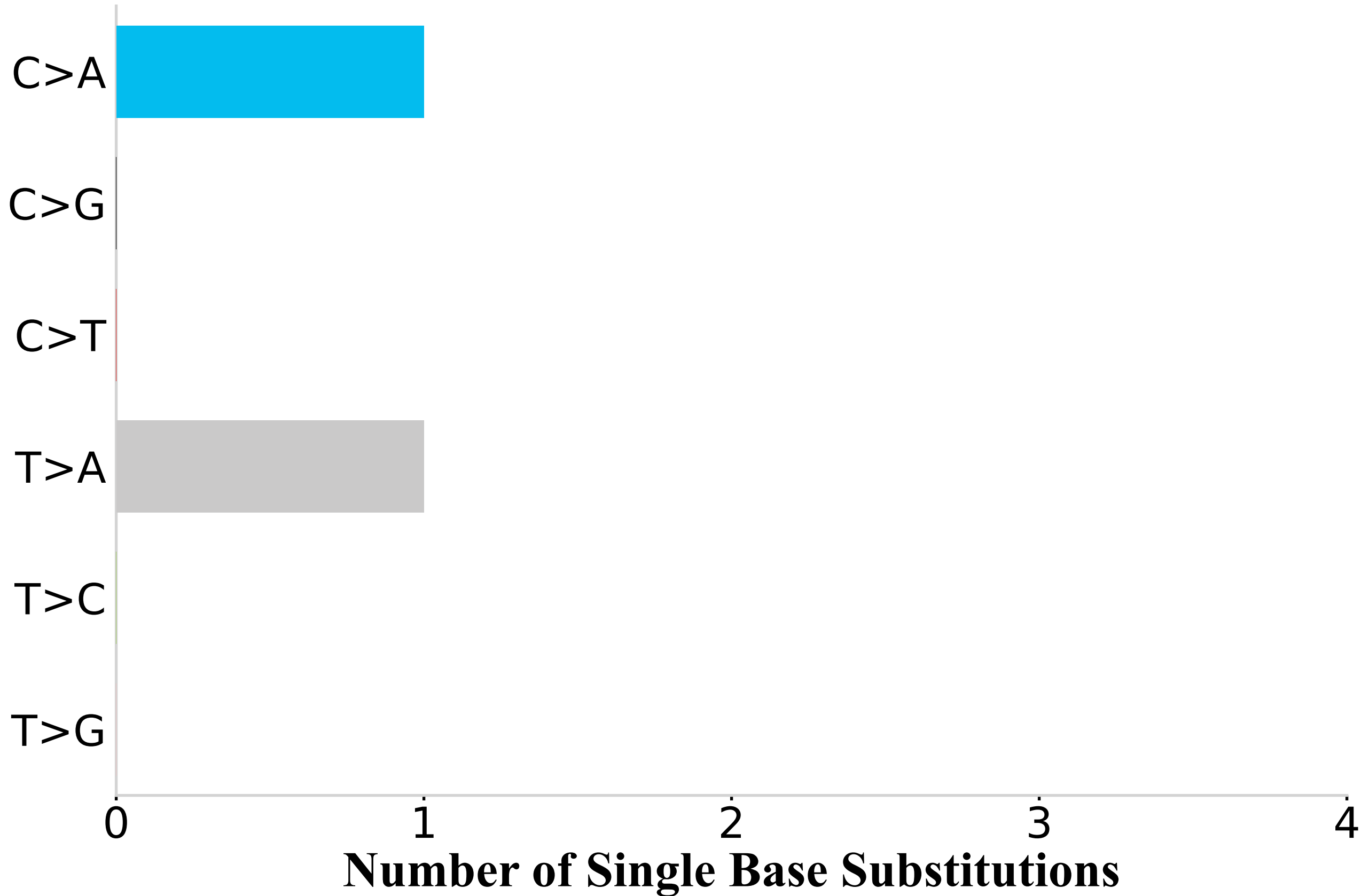
Number of Single Base Substitutions



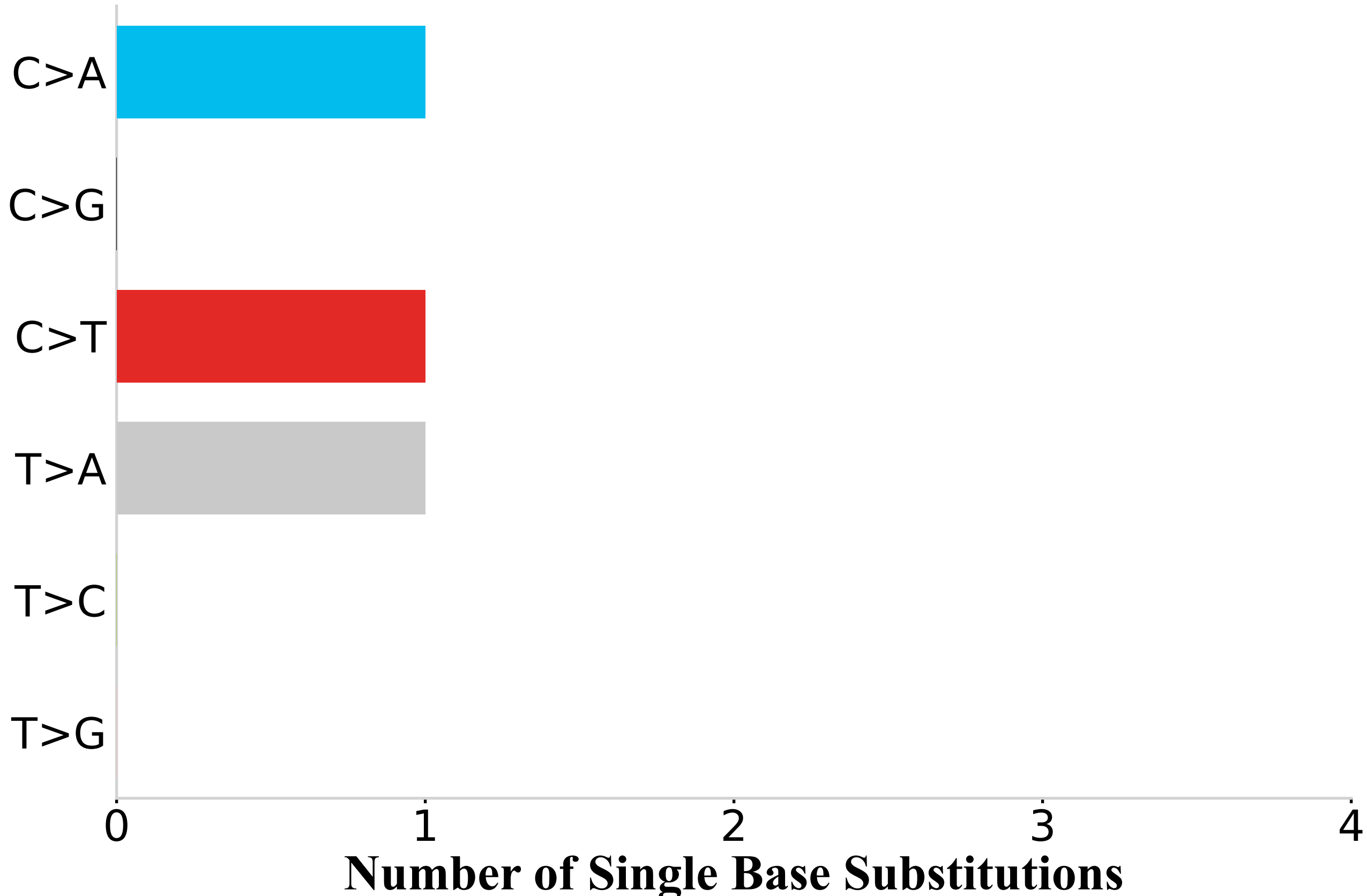
P-0024466-T01-IM6: 2 subs



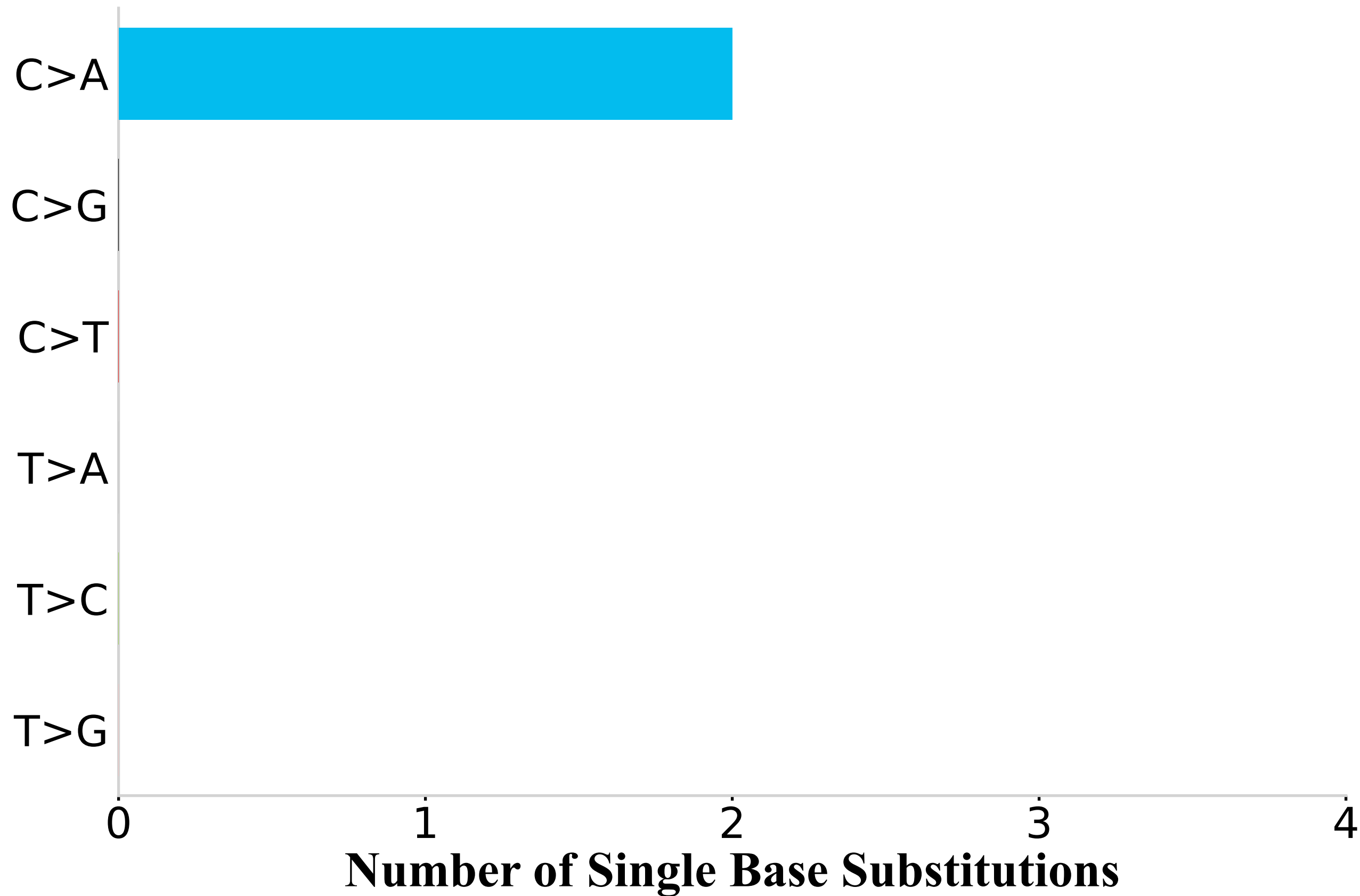
P-0024469-T01-IM6: 2 subs



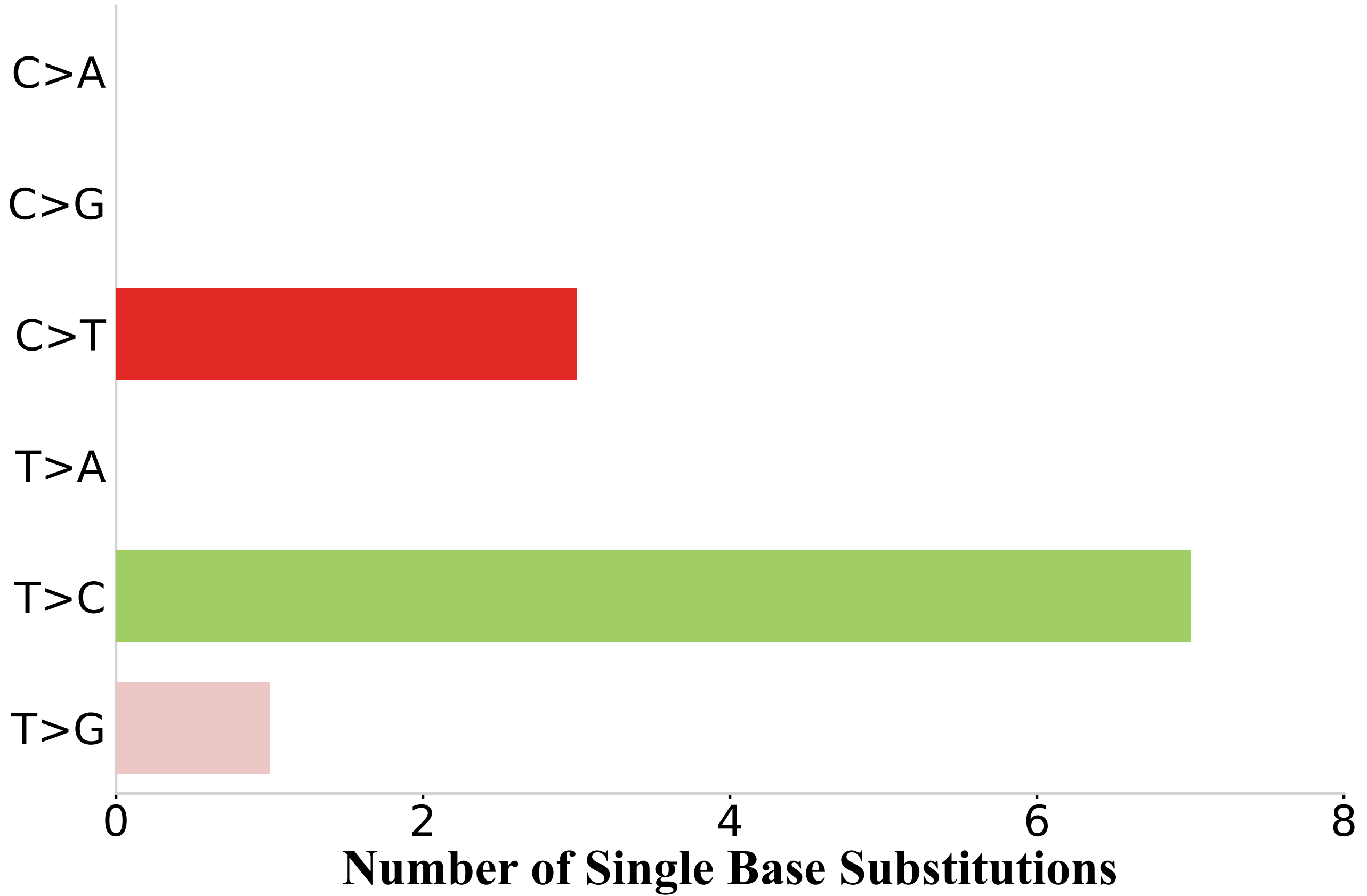
P-0024526-T01-IM6: 3 subs



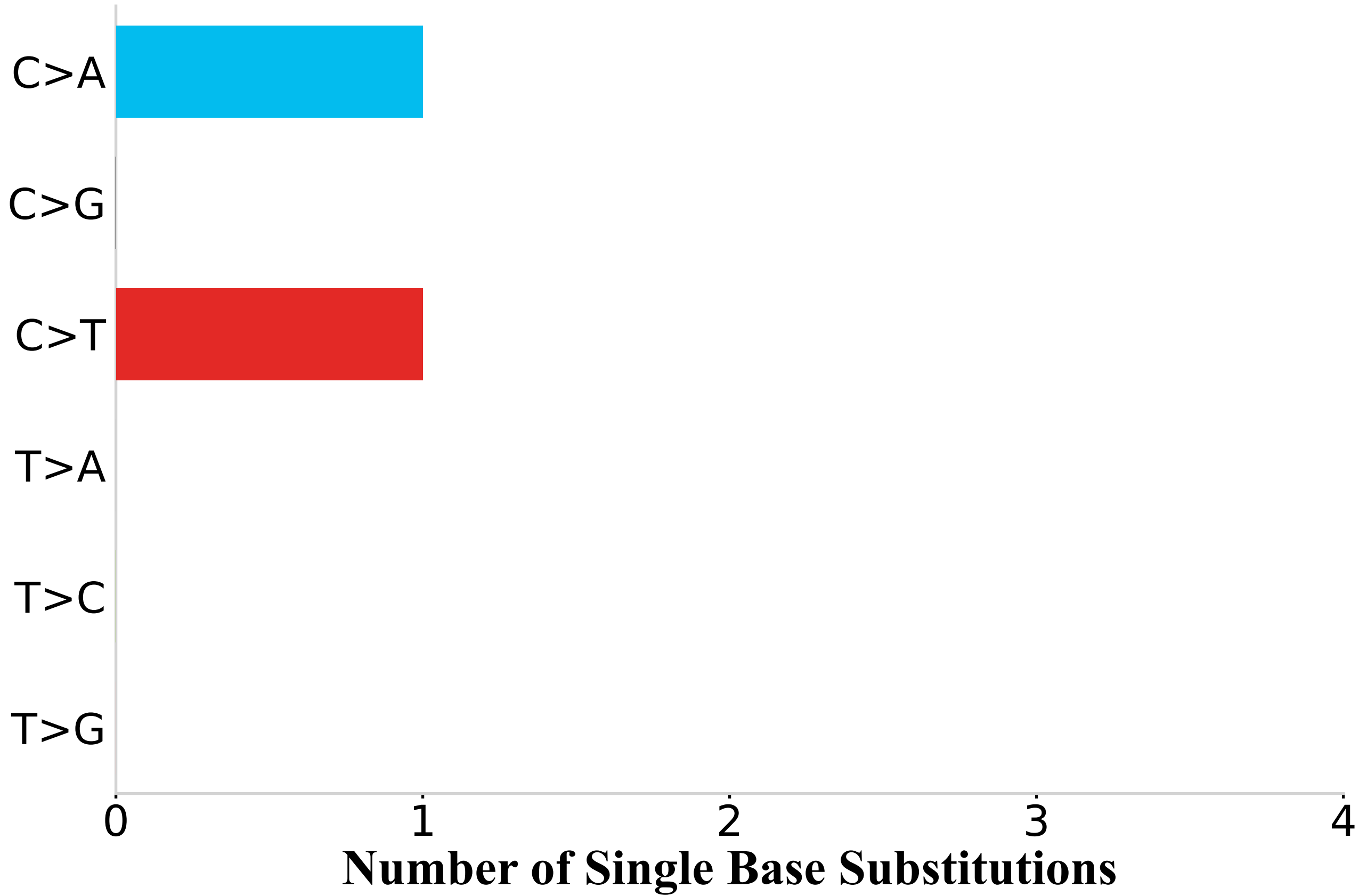
P-0024645-T01-IM6: 2 subs



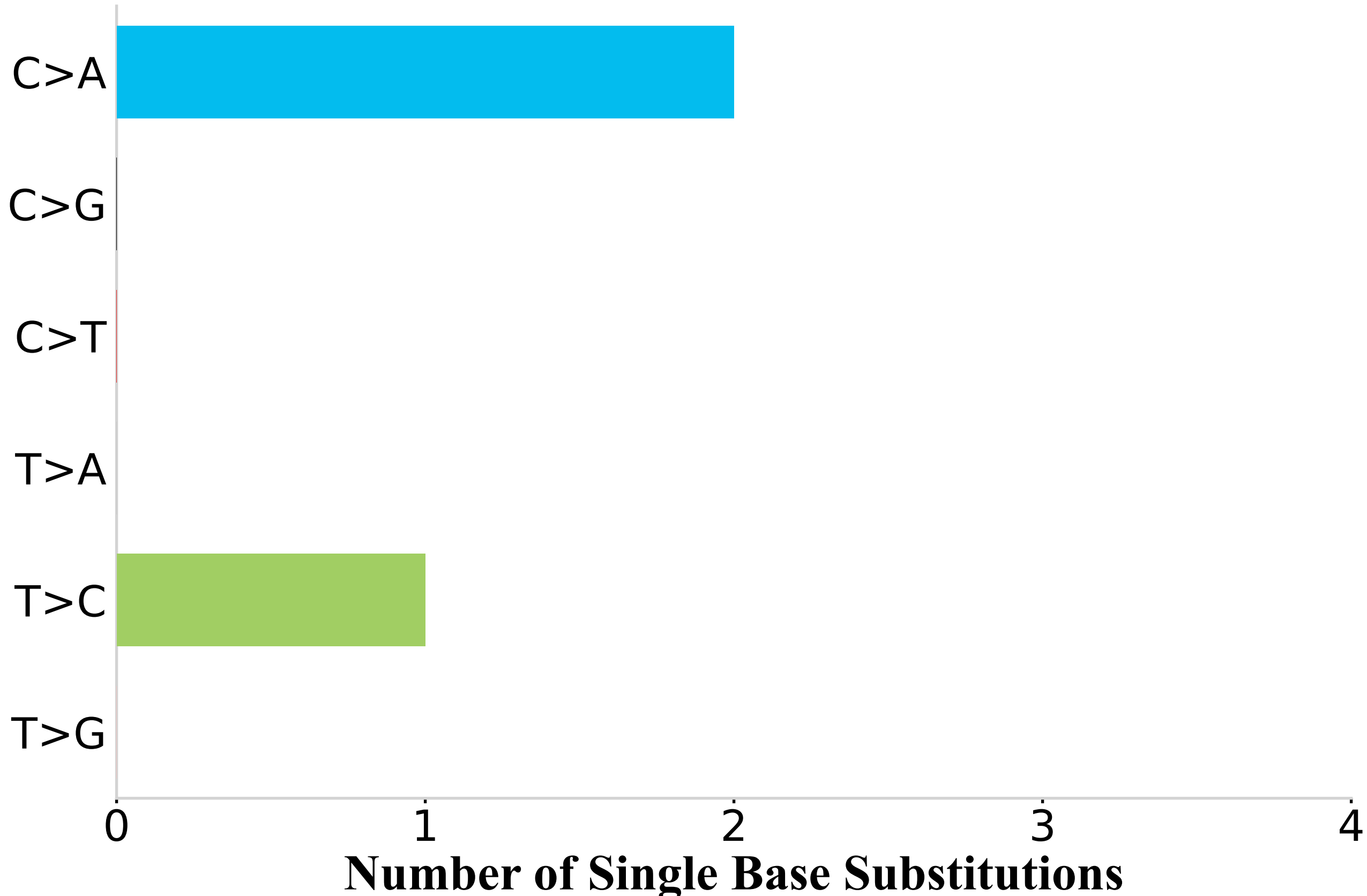
P-0024678-T01-IM6: 11 subs



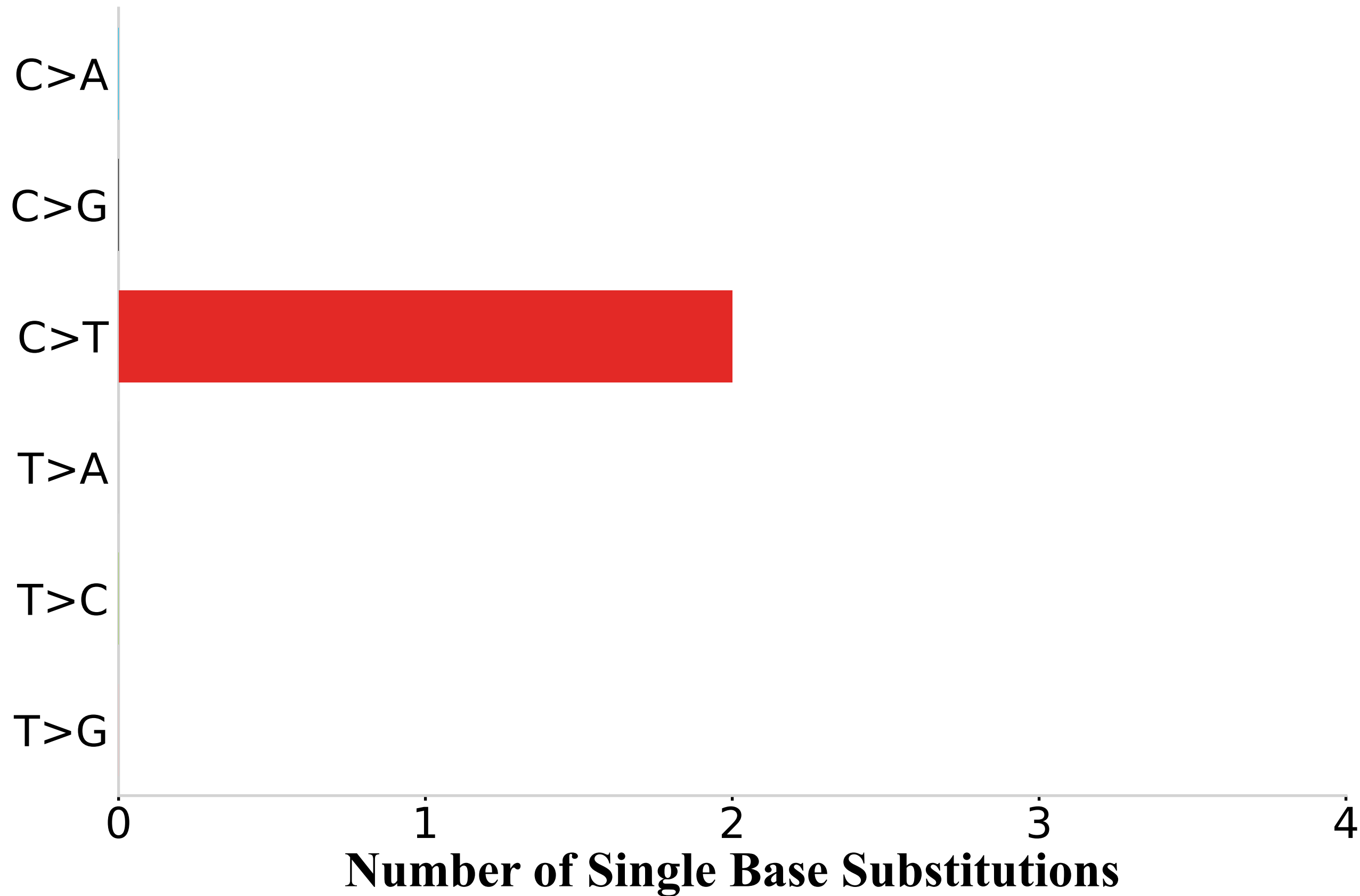
P-0024693-T01-IM6: 2 subs



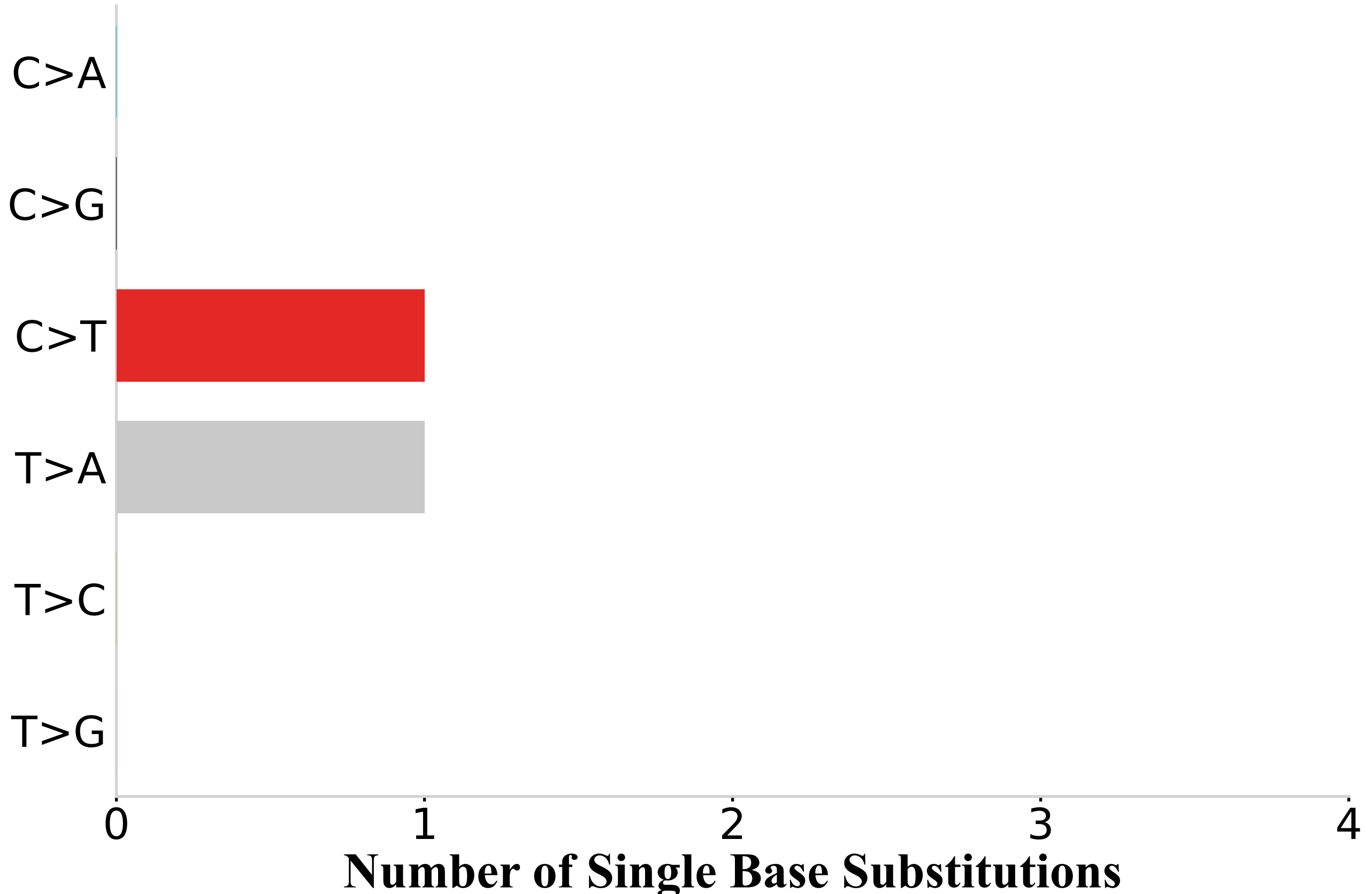
P-0024727-T01-IM6: 3 subs



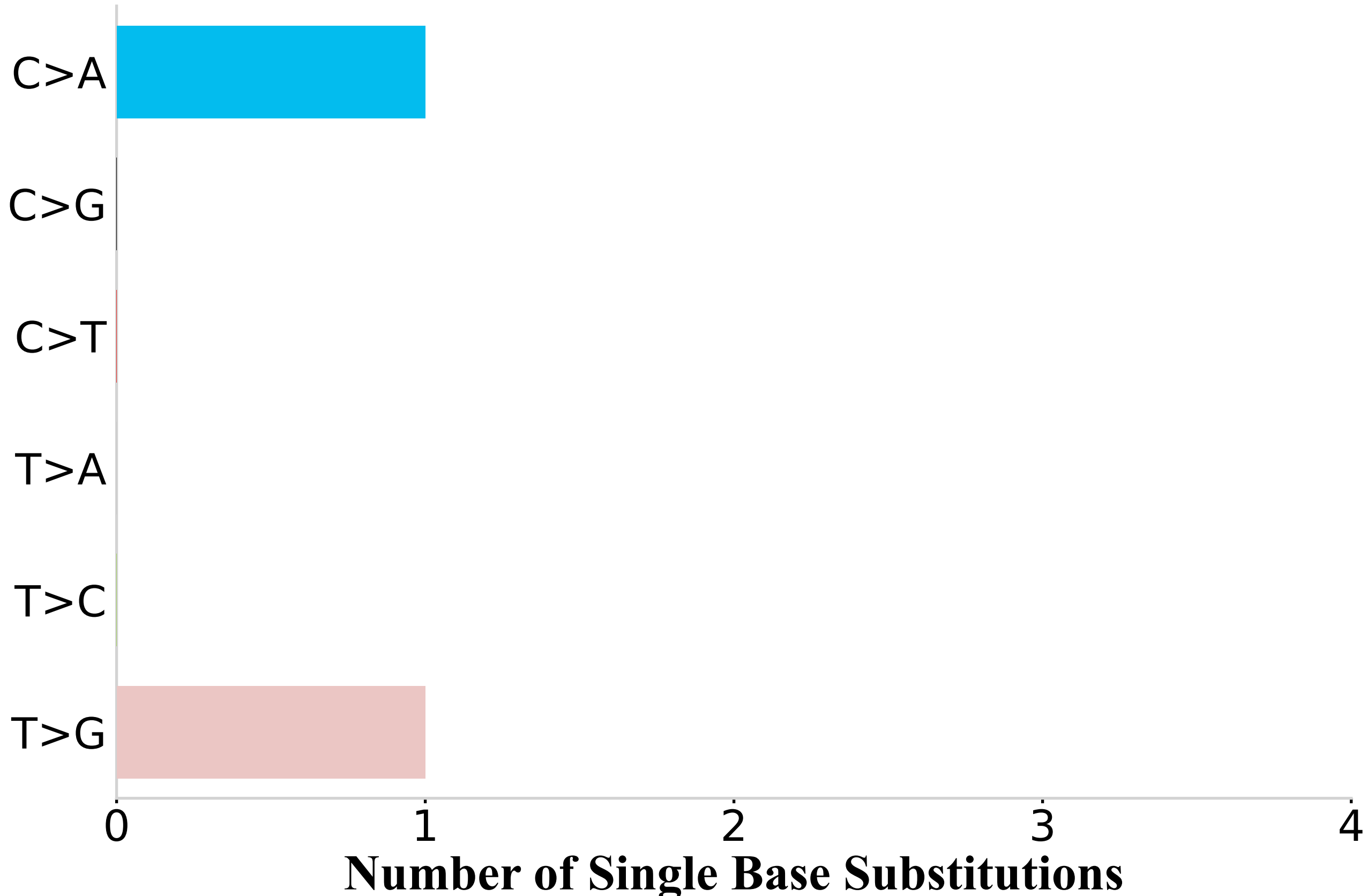
P-0025197-T01-IM6: 2 subs



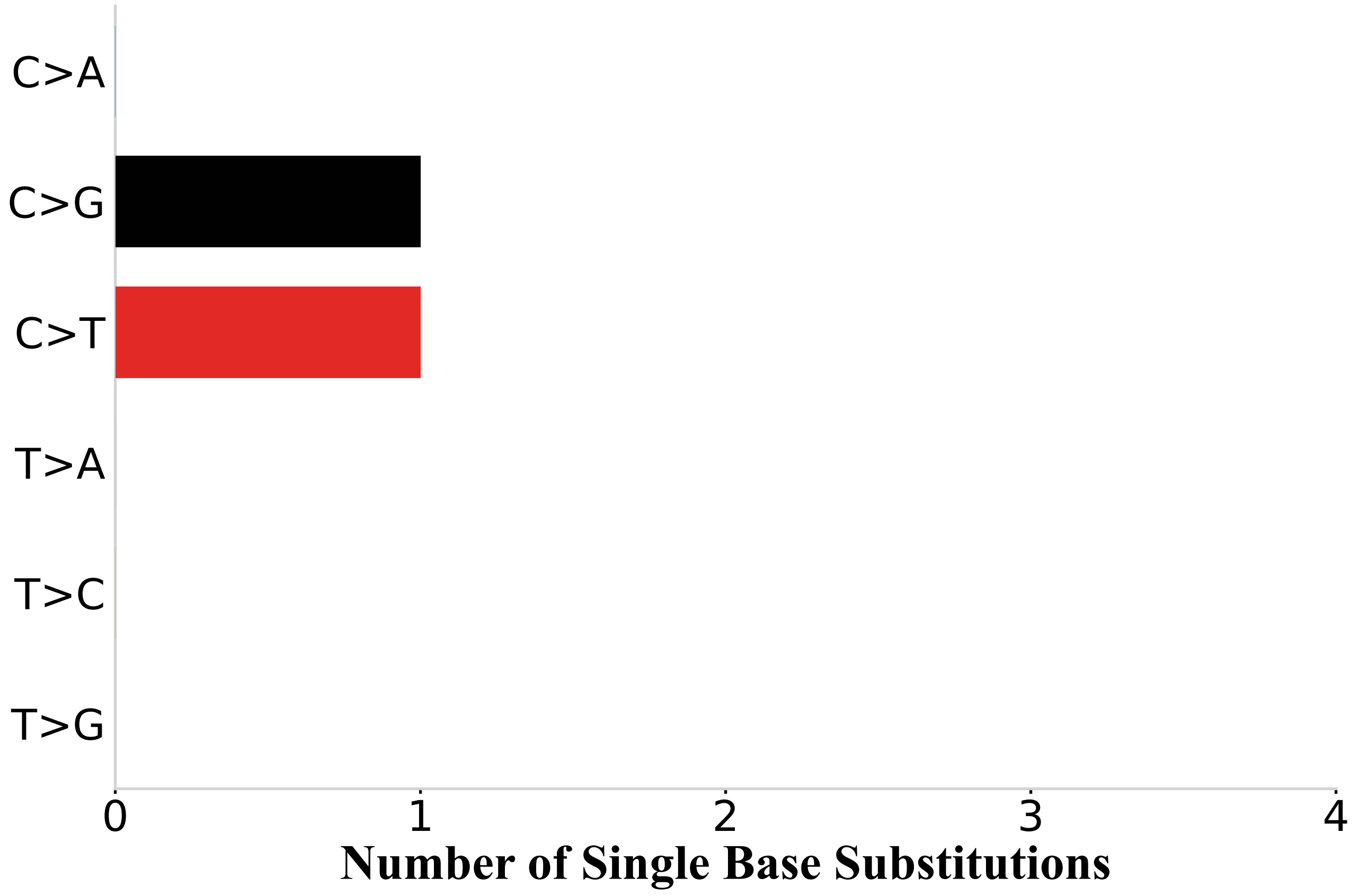
P-0025289-T01-IM6: 2 subs



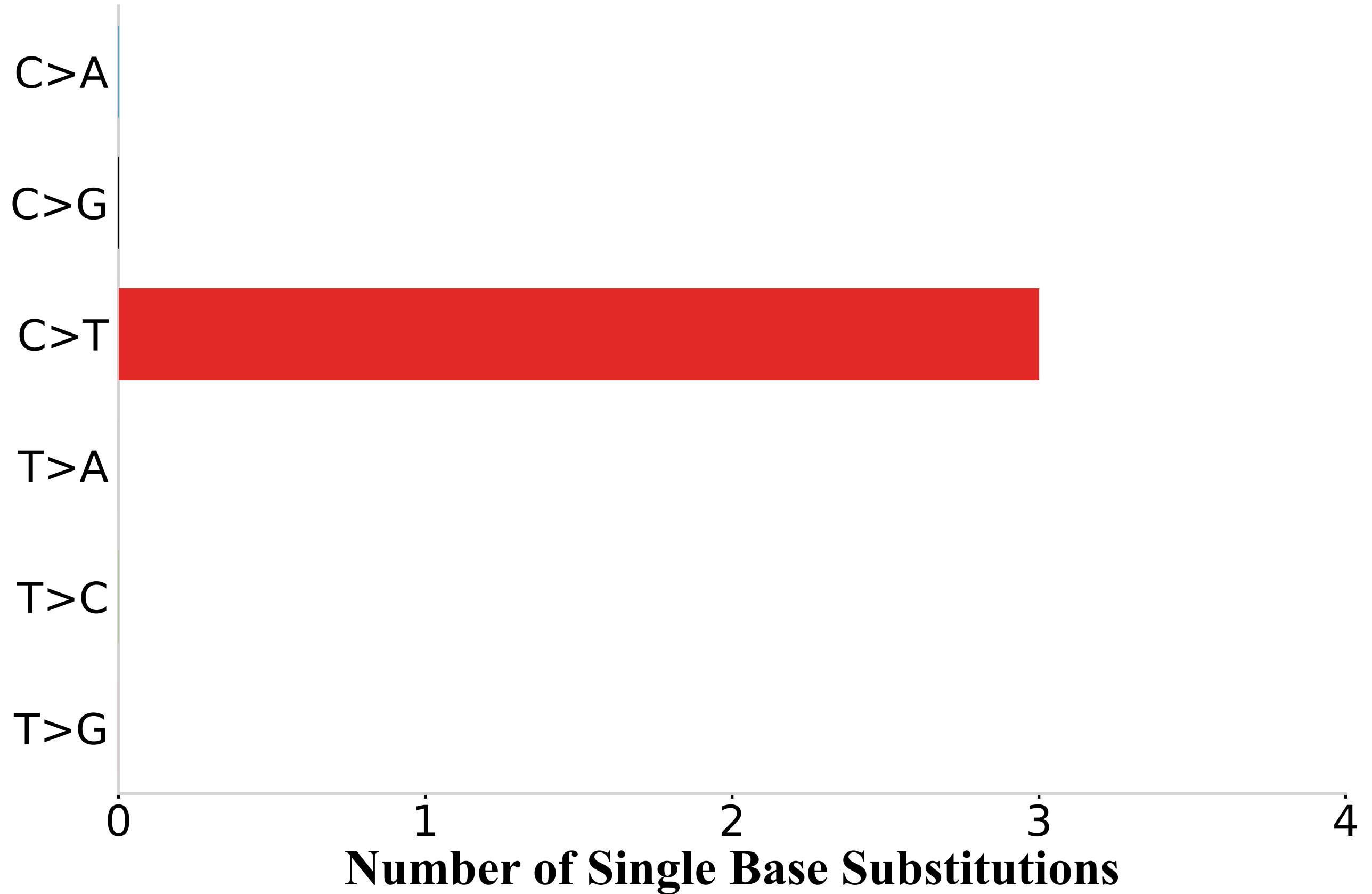
P-0025488-T01-IM6: 2 subs



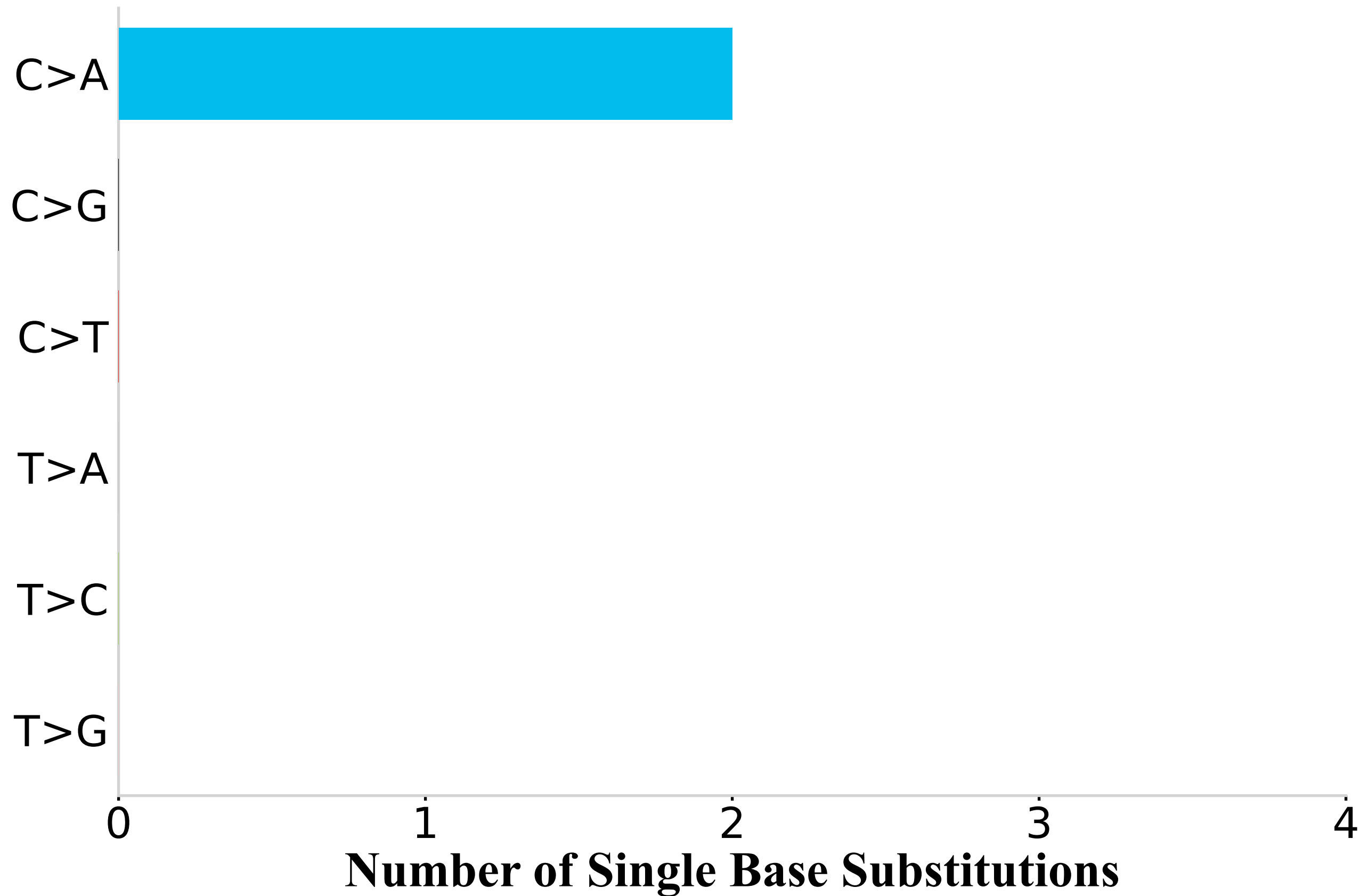
P-0025511-T01-IM6: 2 subs



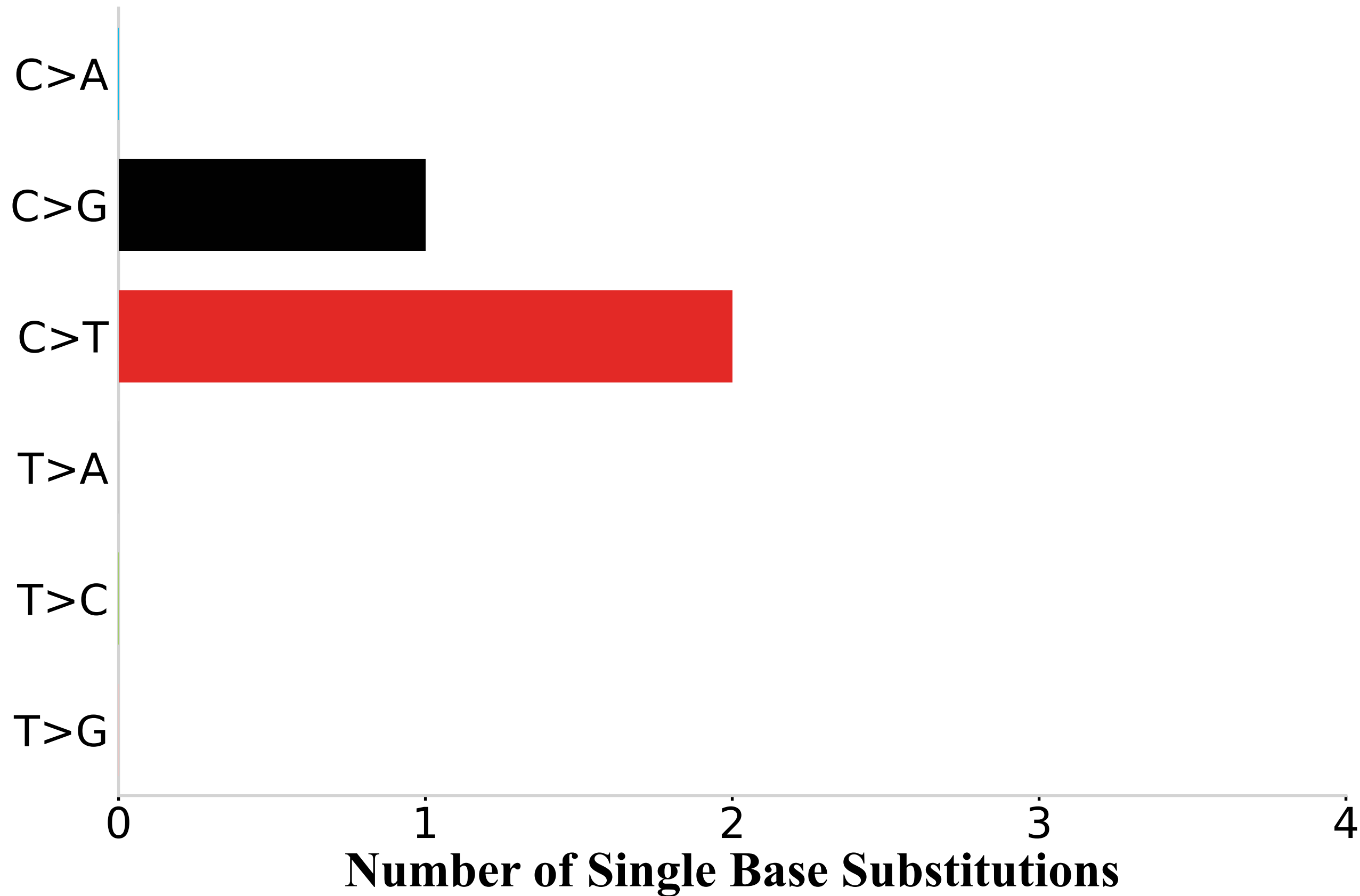
P-0025678-T02-IM6: 3 subs



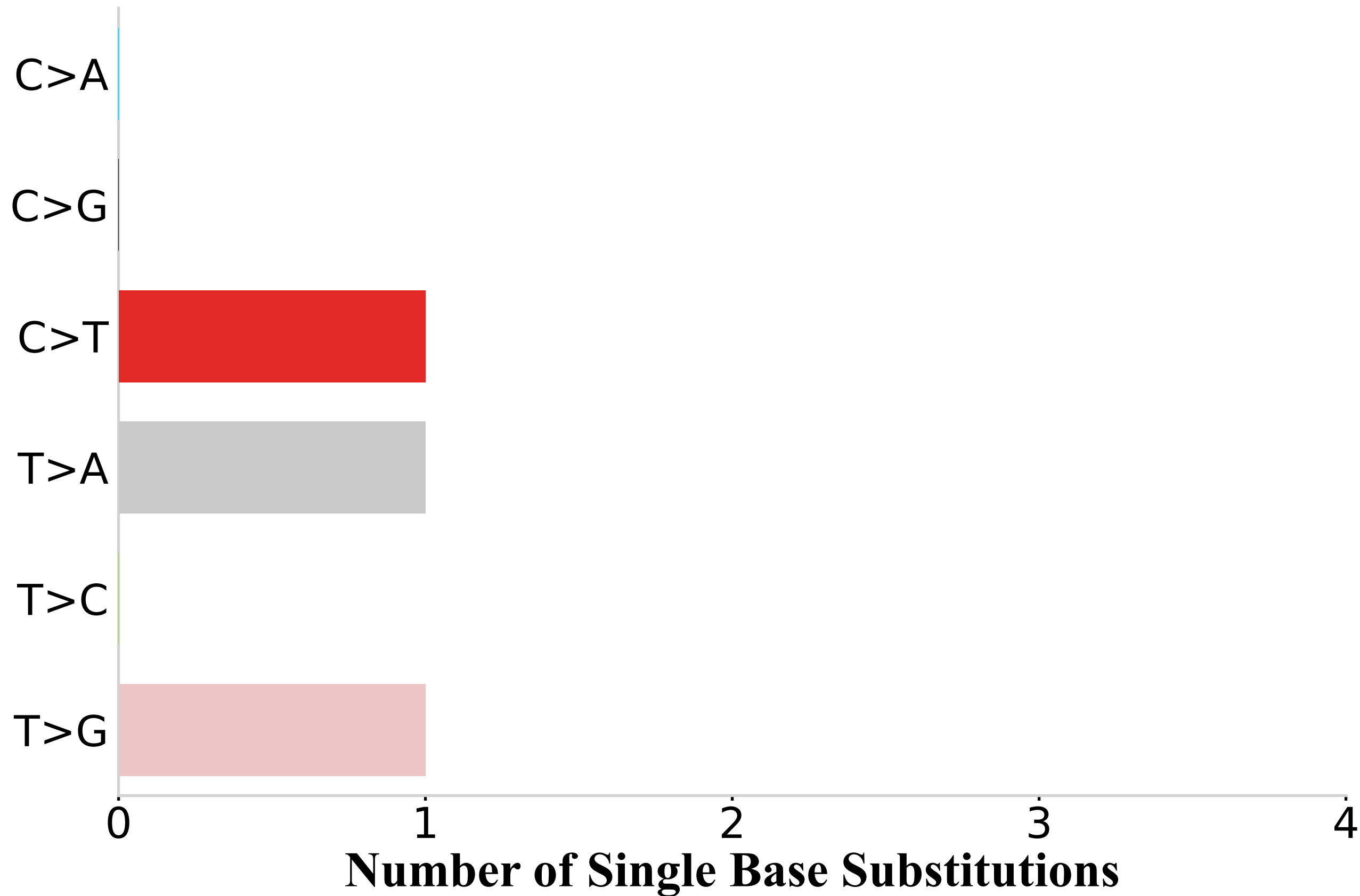
P-0025771-T01-IM6: 2 subs



P-0025807-T01-IM6: 3 subs



P-0025835-T01-IM6: 3 subs



P-0025873-T01-IM6: 0 subs

C>A

C>G

C>T

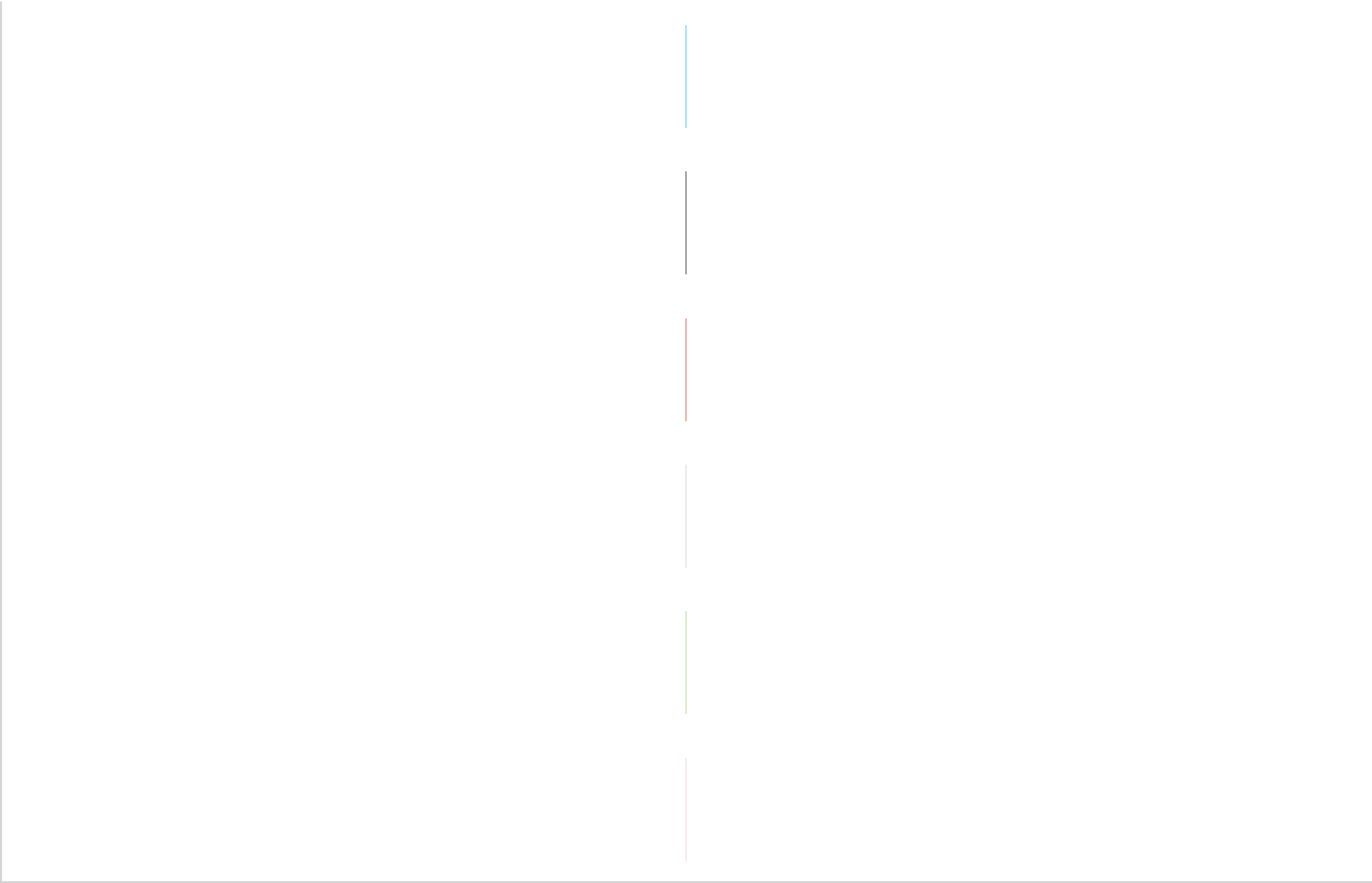
T>A

T>C

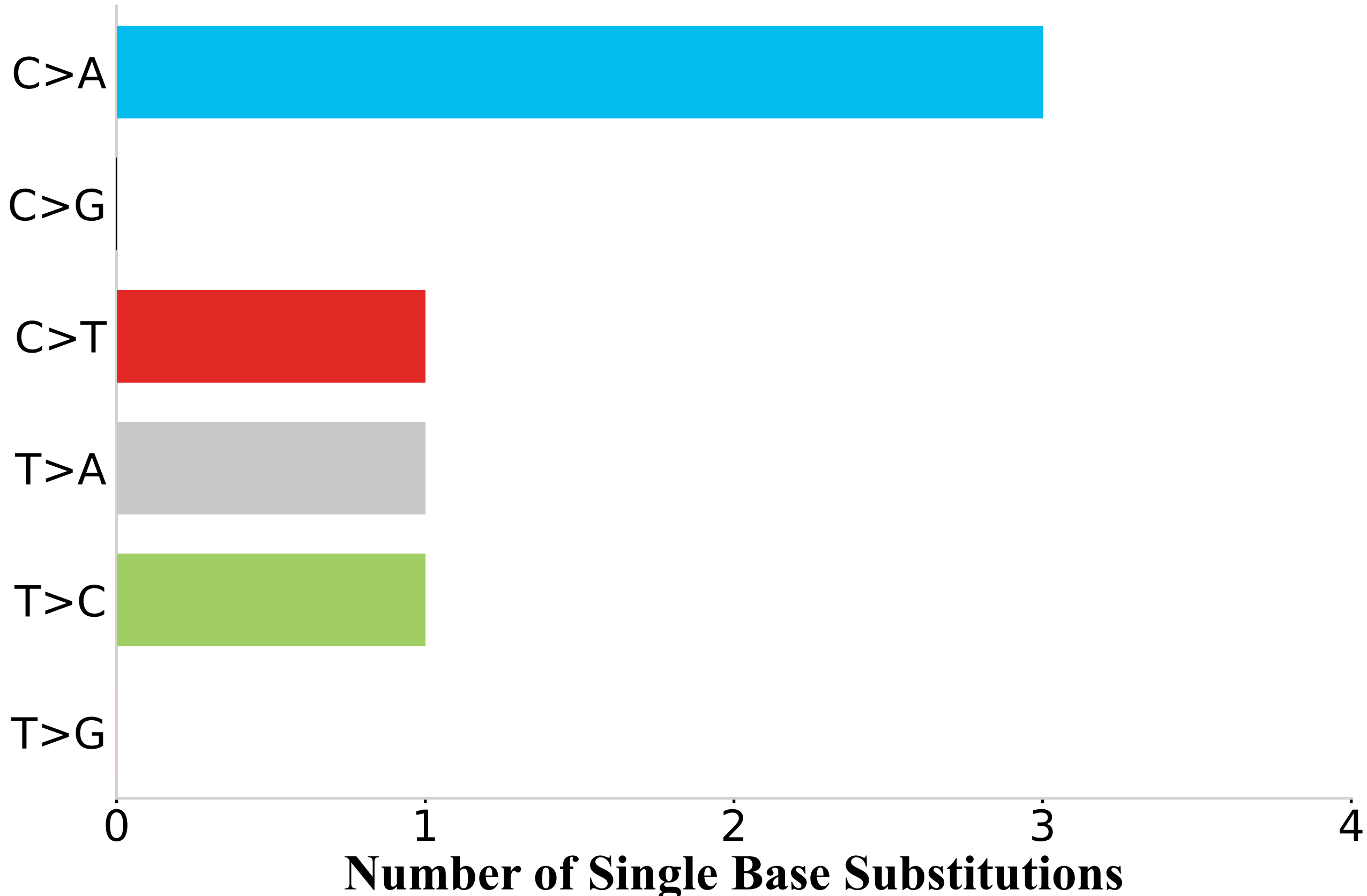
T>G

0

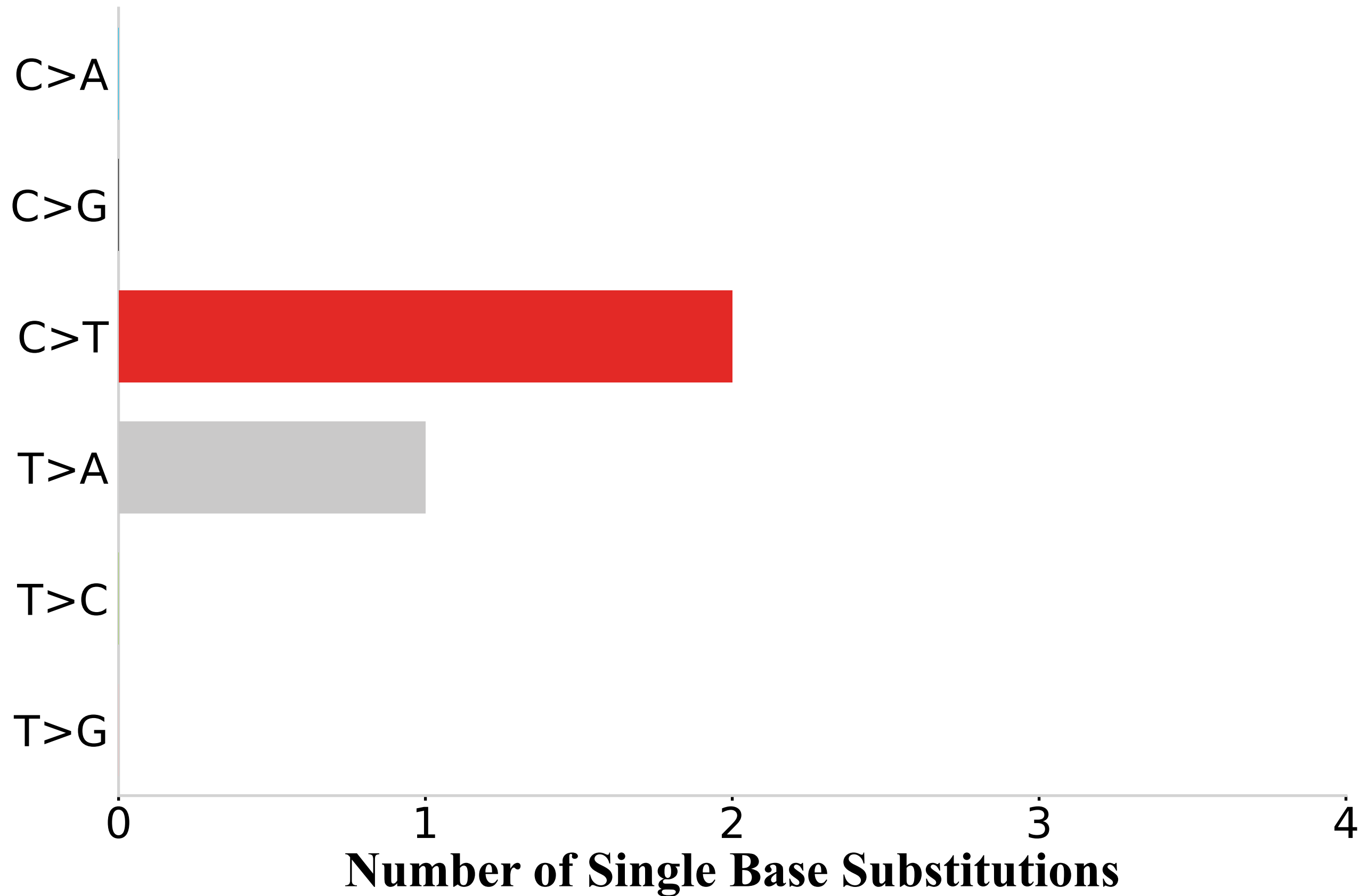
Number of Single Base Substitutions



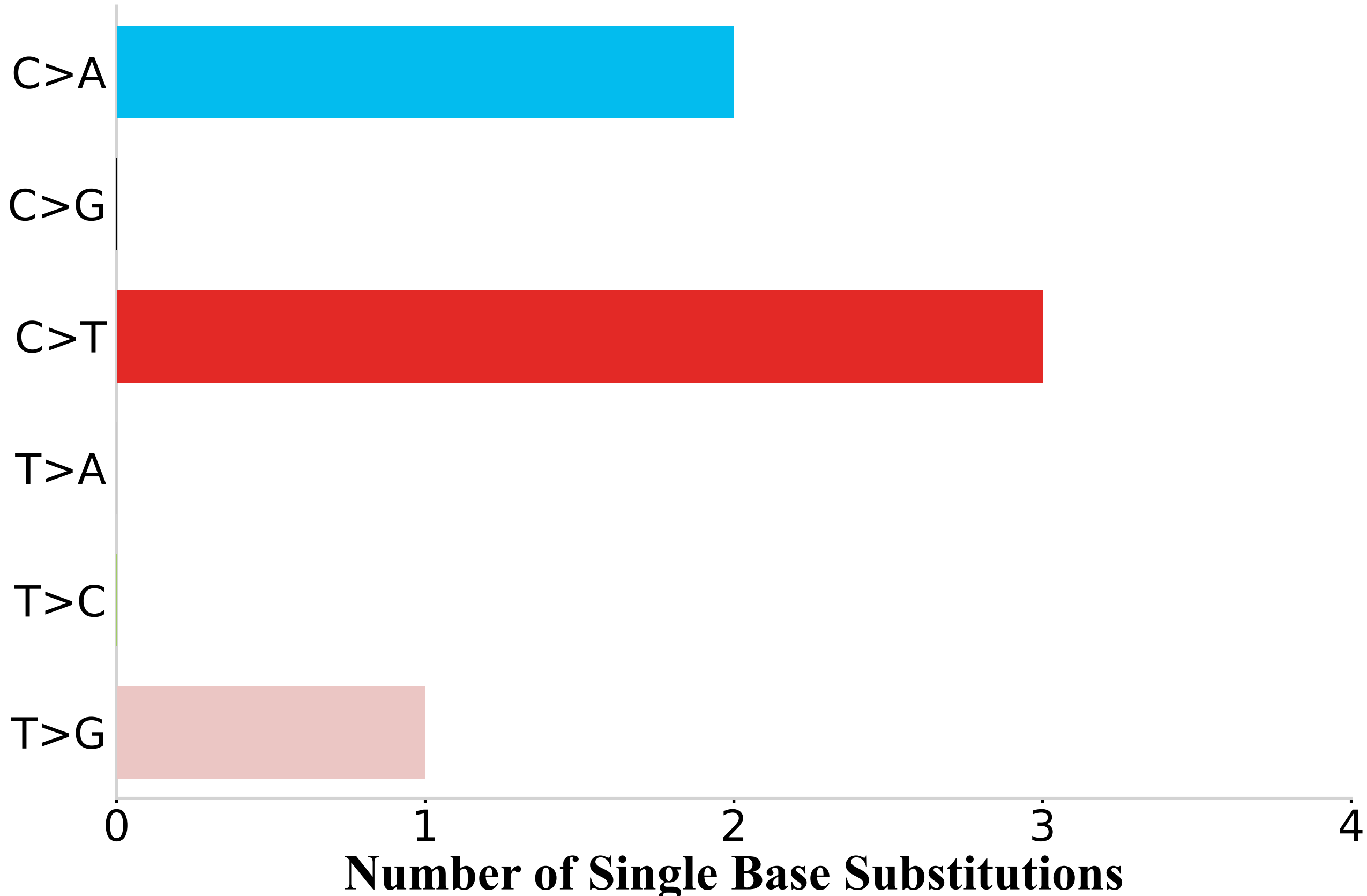
P-0026007-T01-IM6: 6 subs



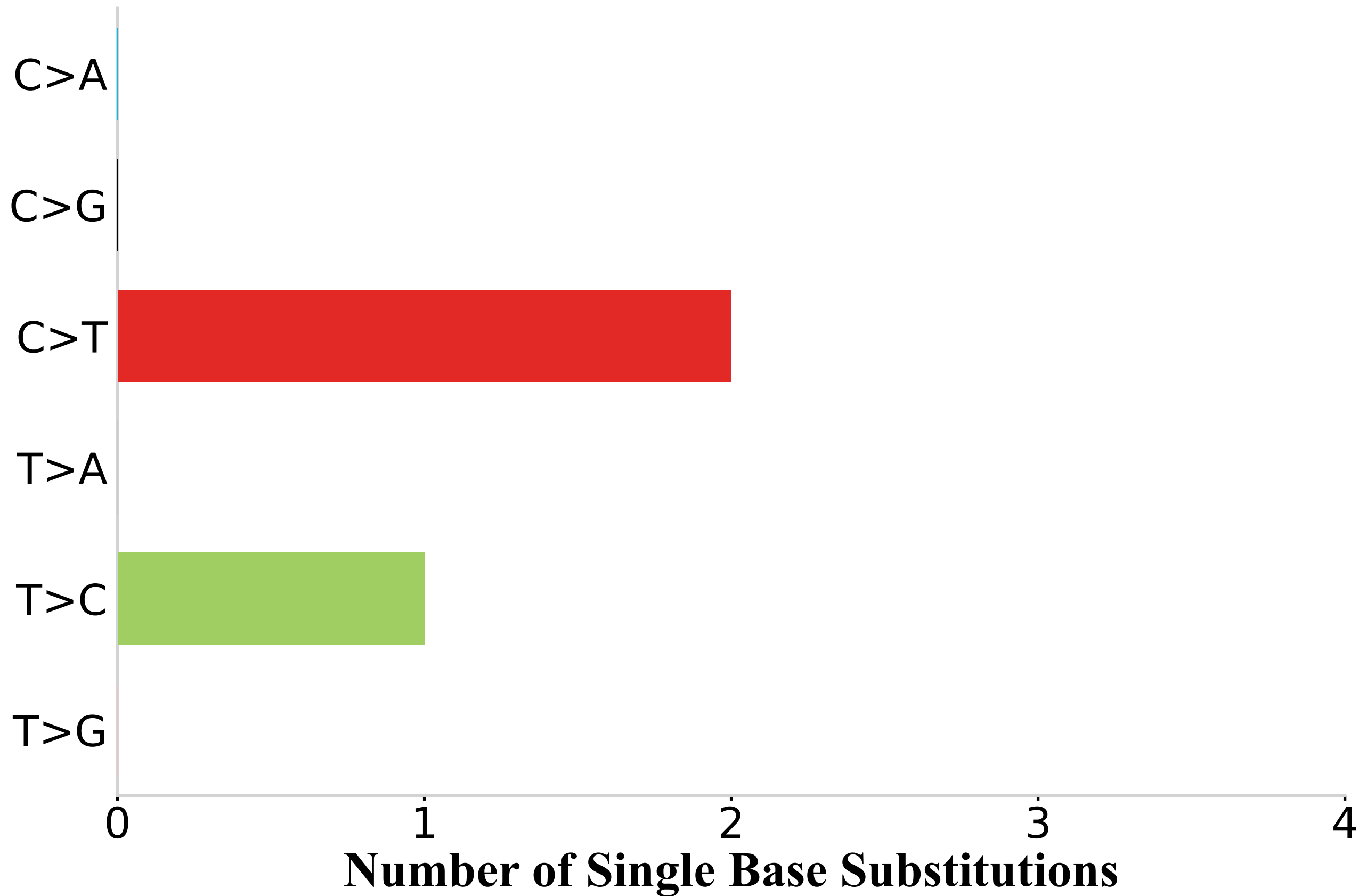
P-0026213-T01-IM6: 3 subs



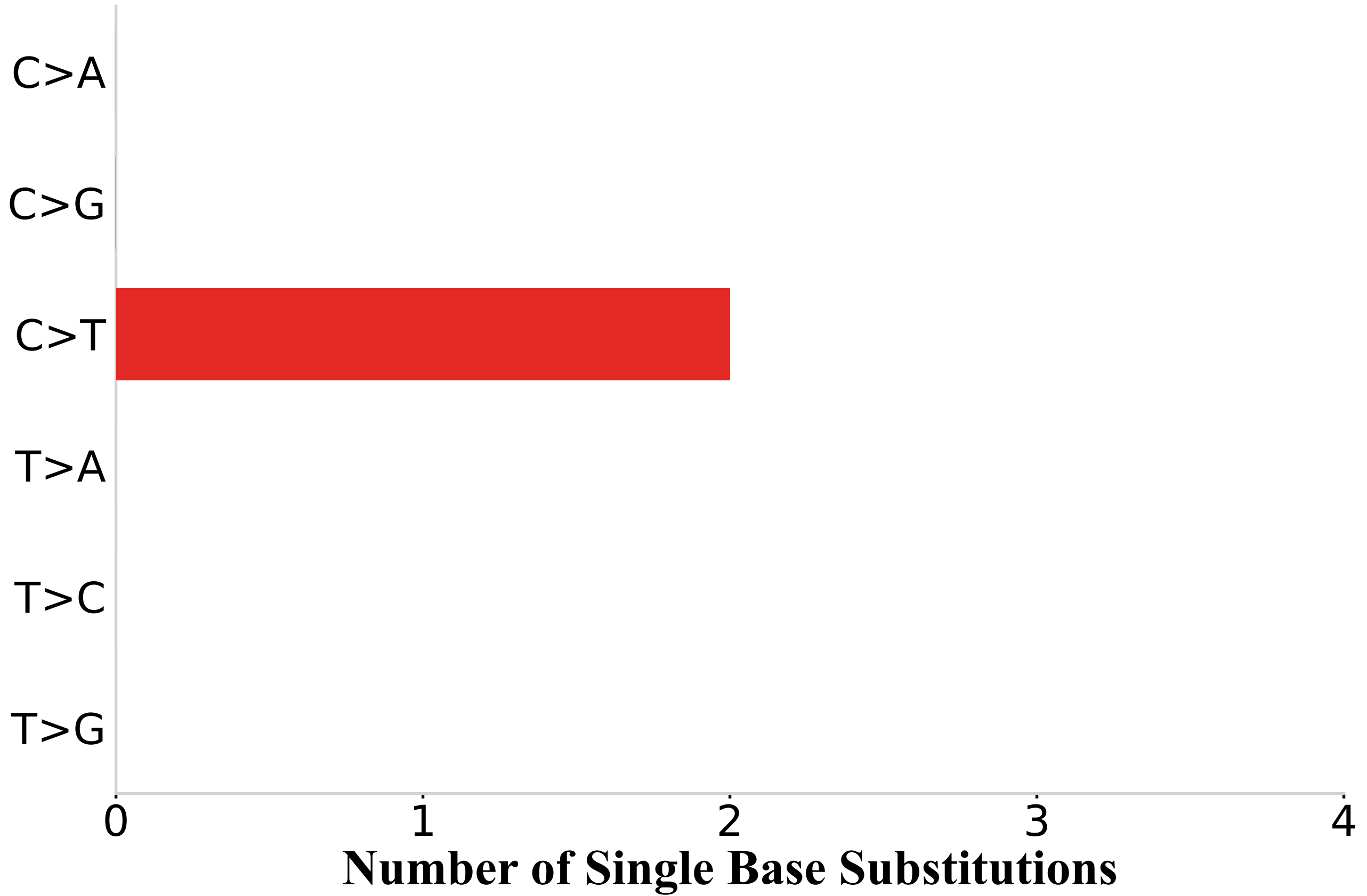
P-0026478-T01-IM6: 6 subs



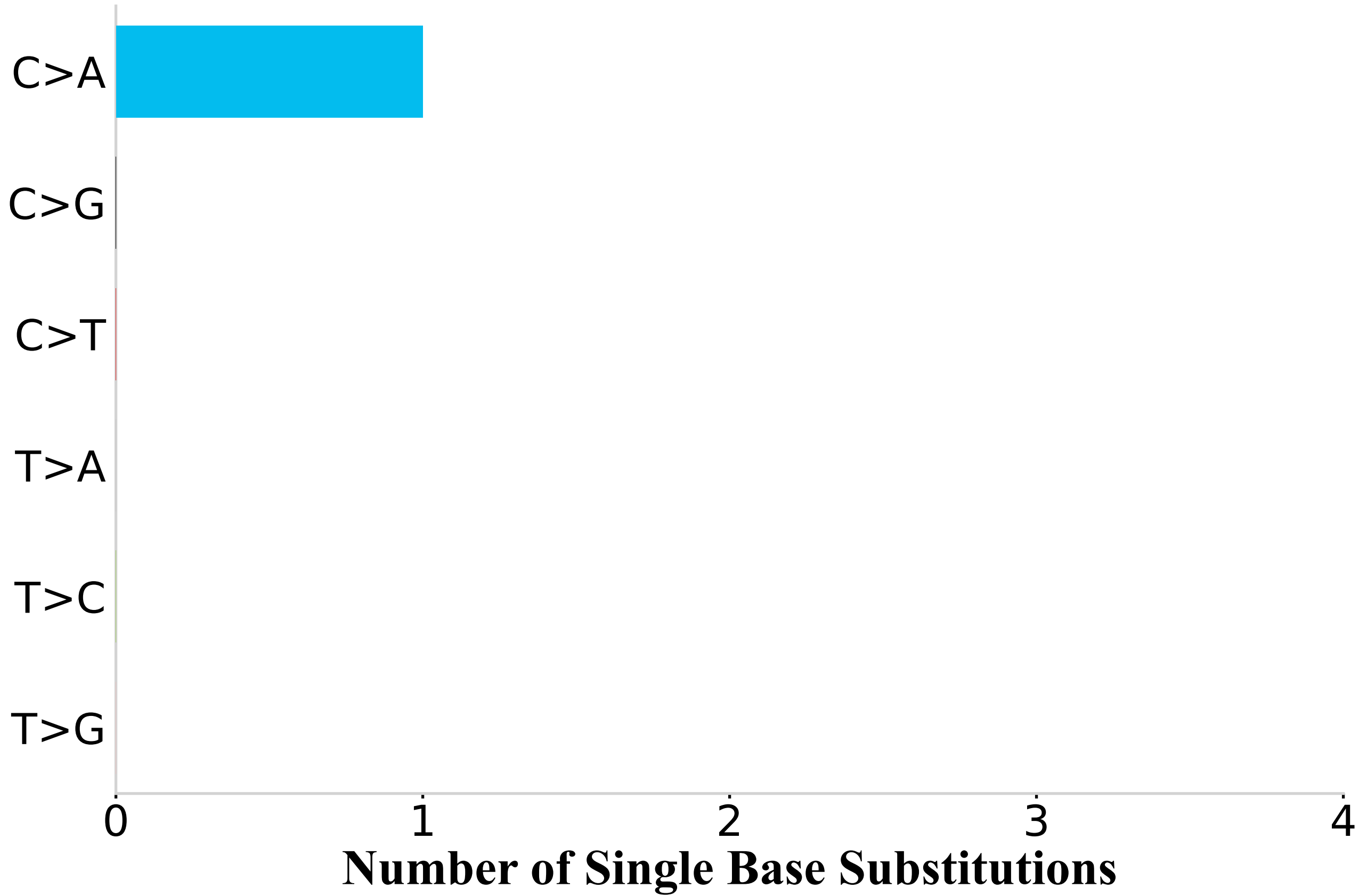
P-0026636-T01-IM6: 3 subs



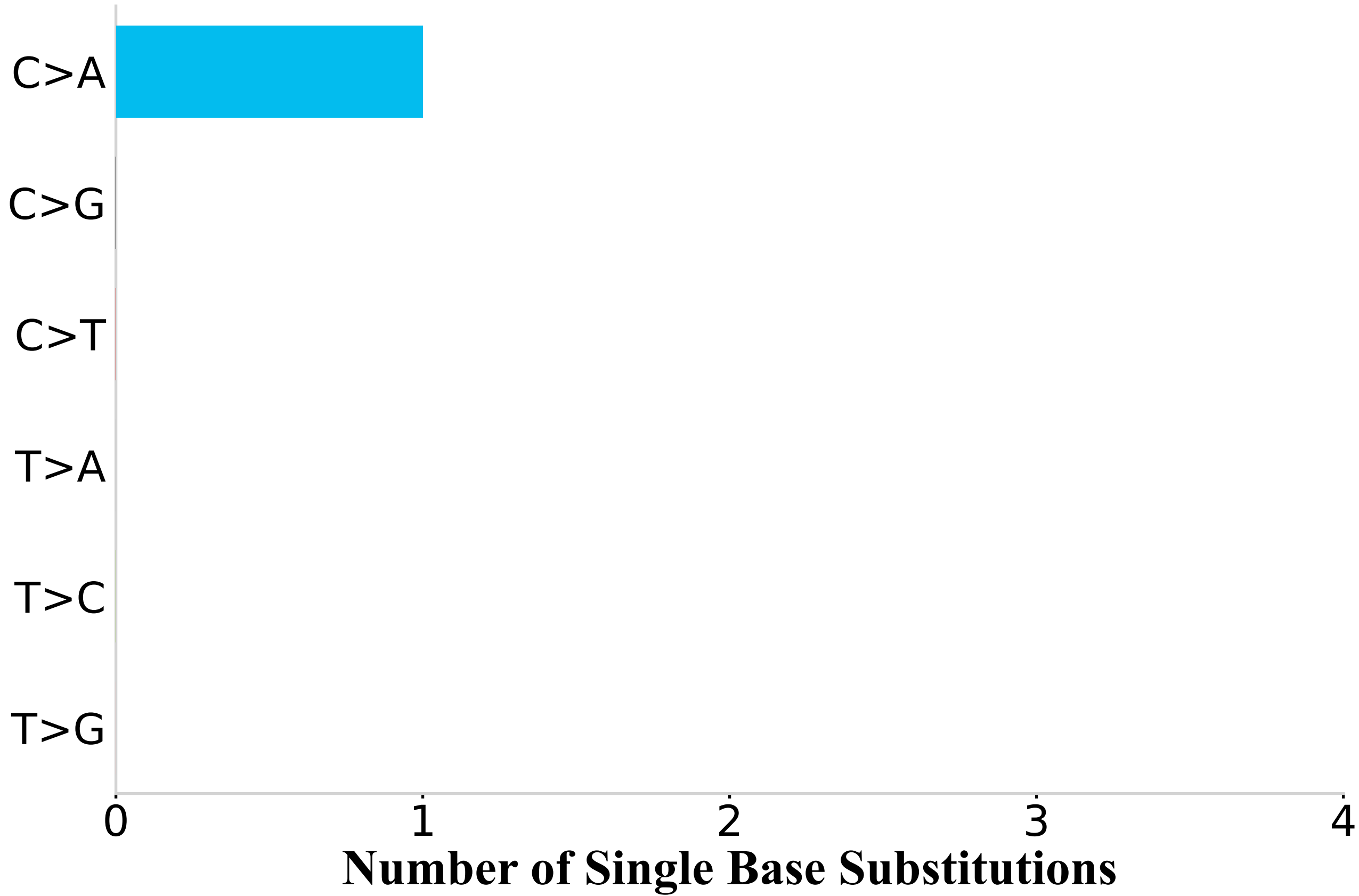
P-0027028-T01-IM6: 2 subs



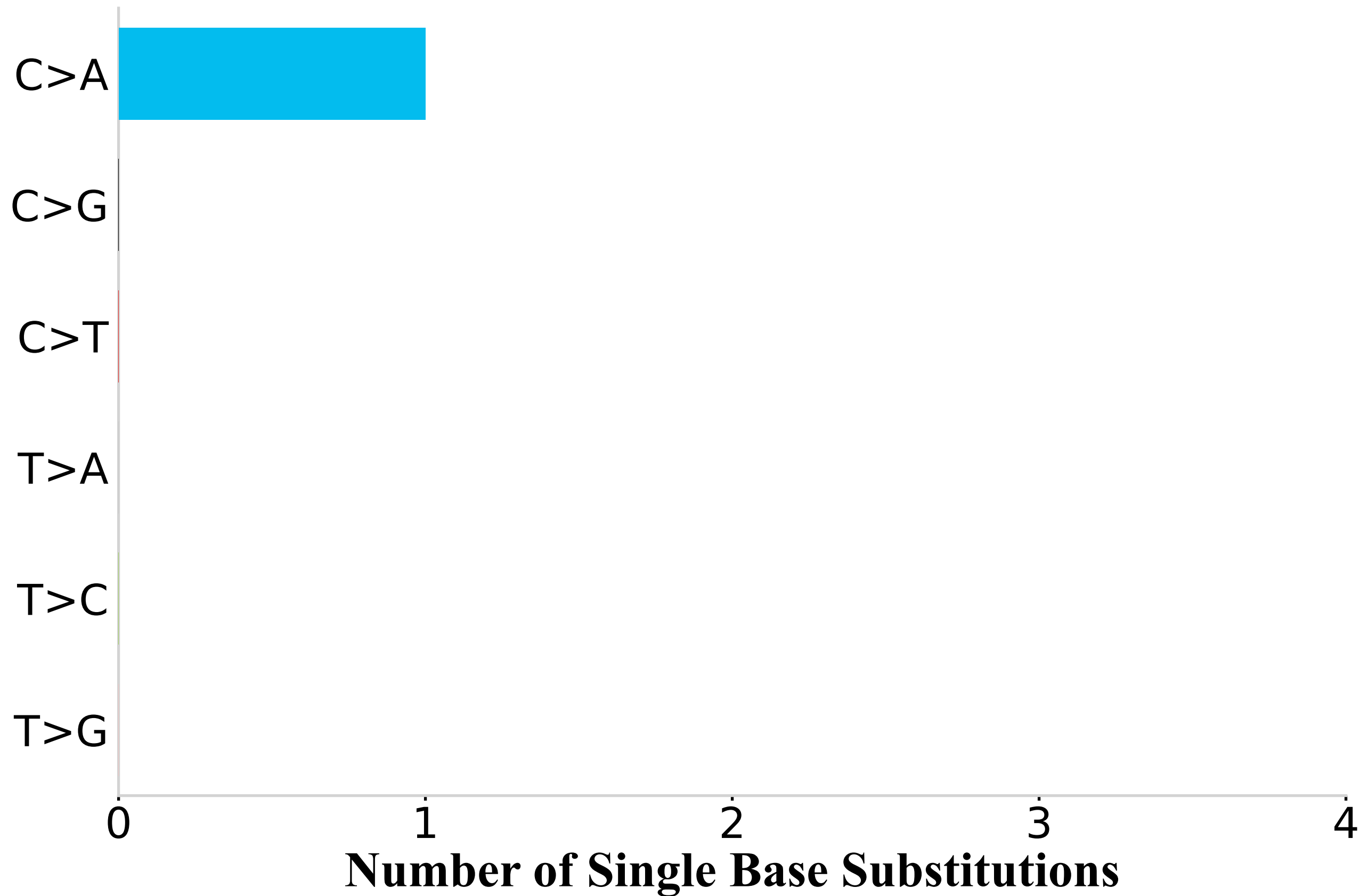
P-0027200-T01-IM6: 1 subs



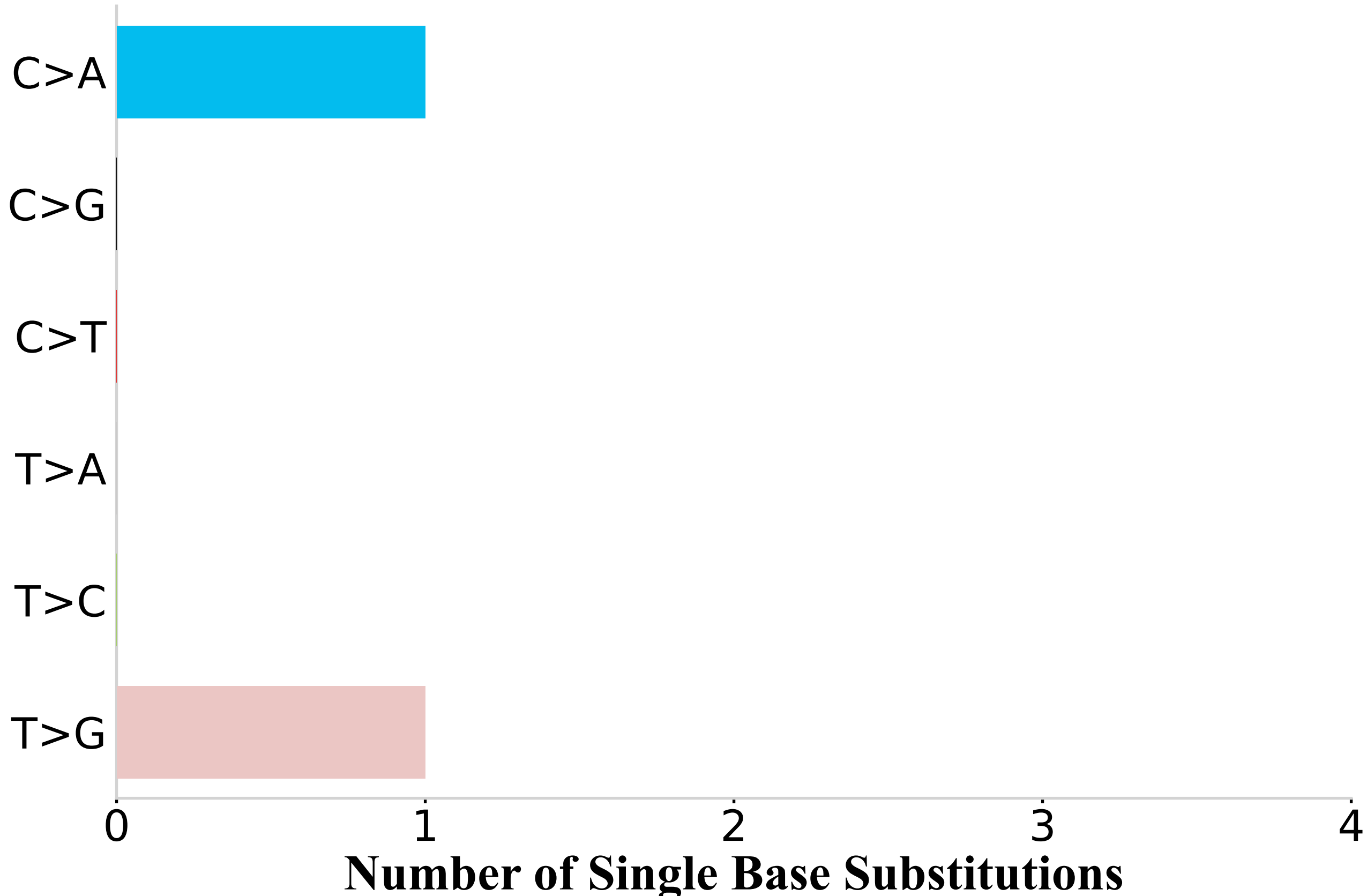
P-0027218-T02-IM6: 1 subs



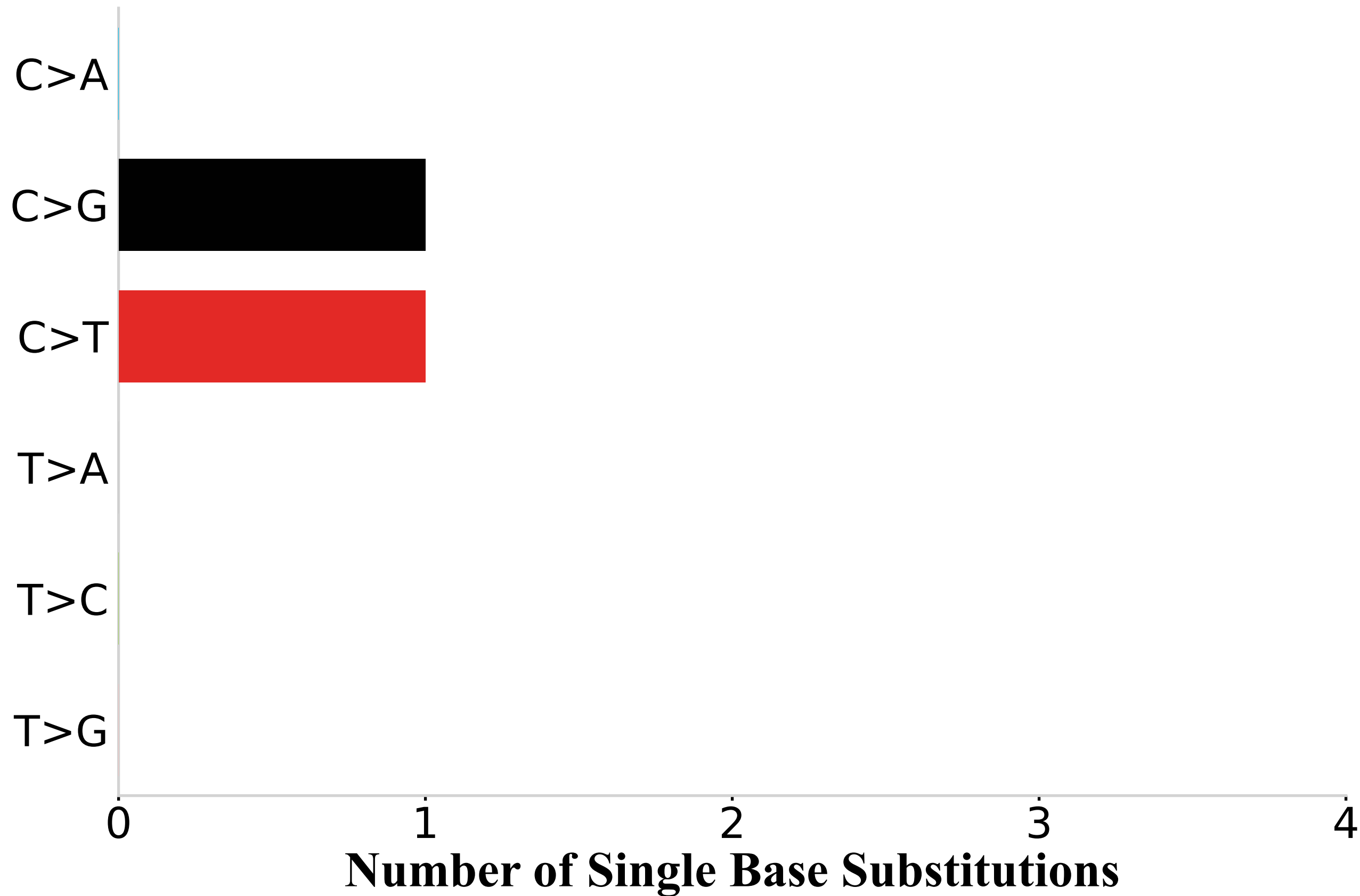
P-0027385-T01-IM6: 1 subs



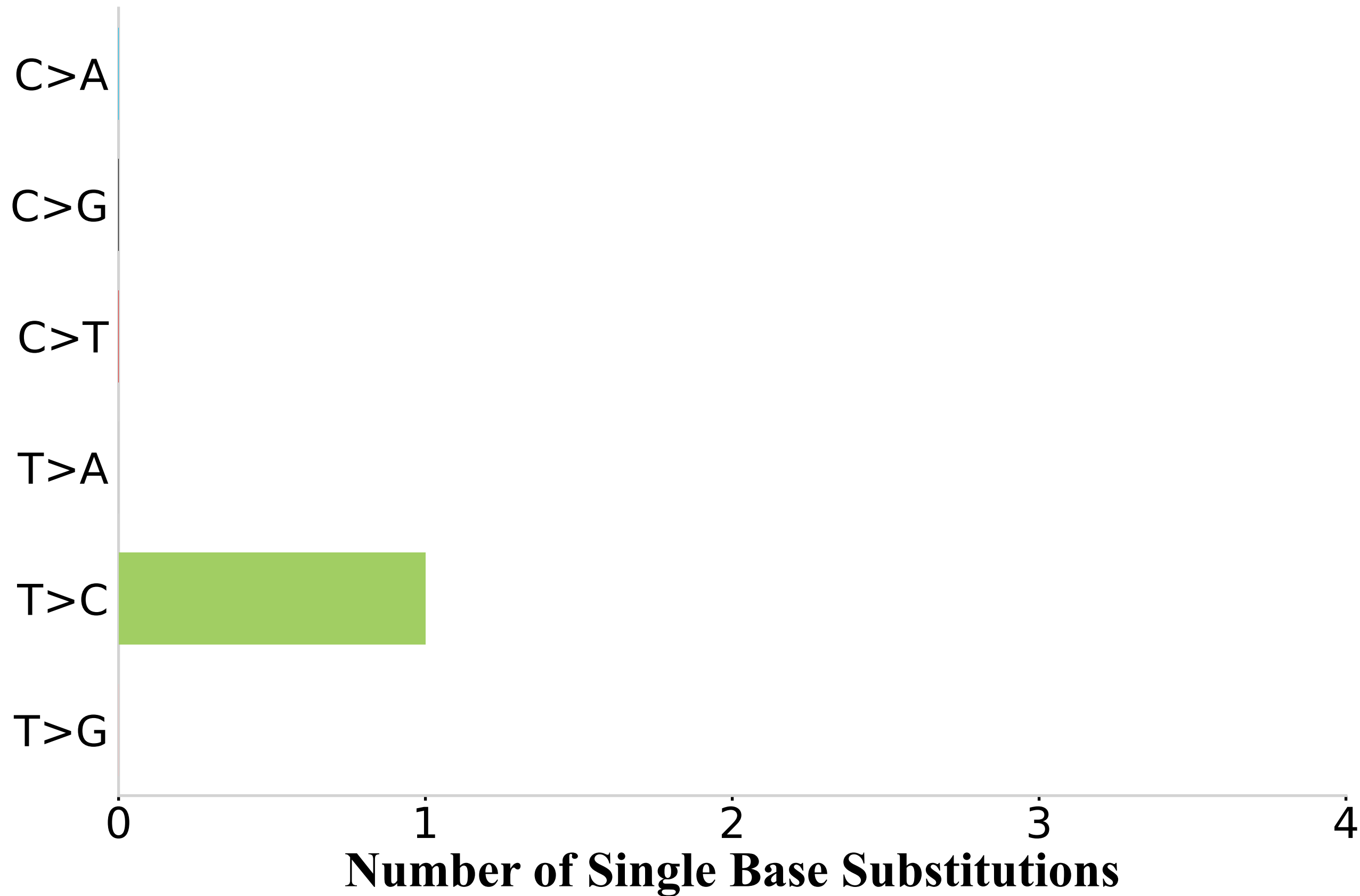
P-0027449-T01-IM6: 2 subs



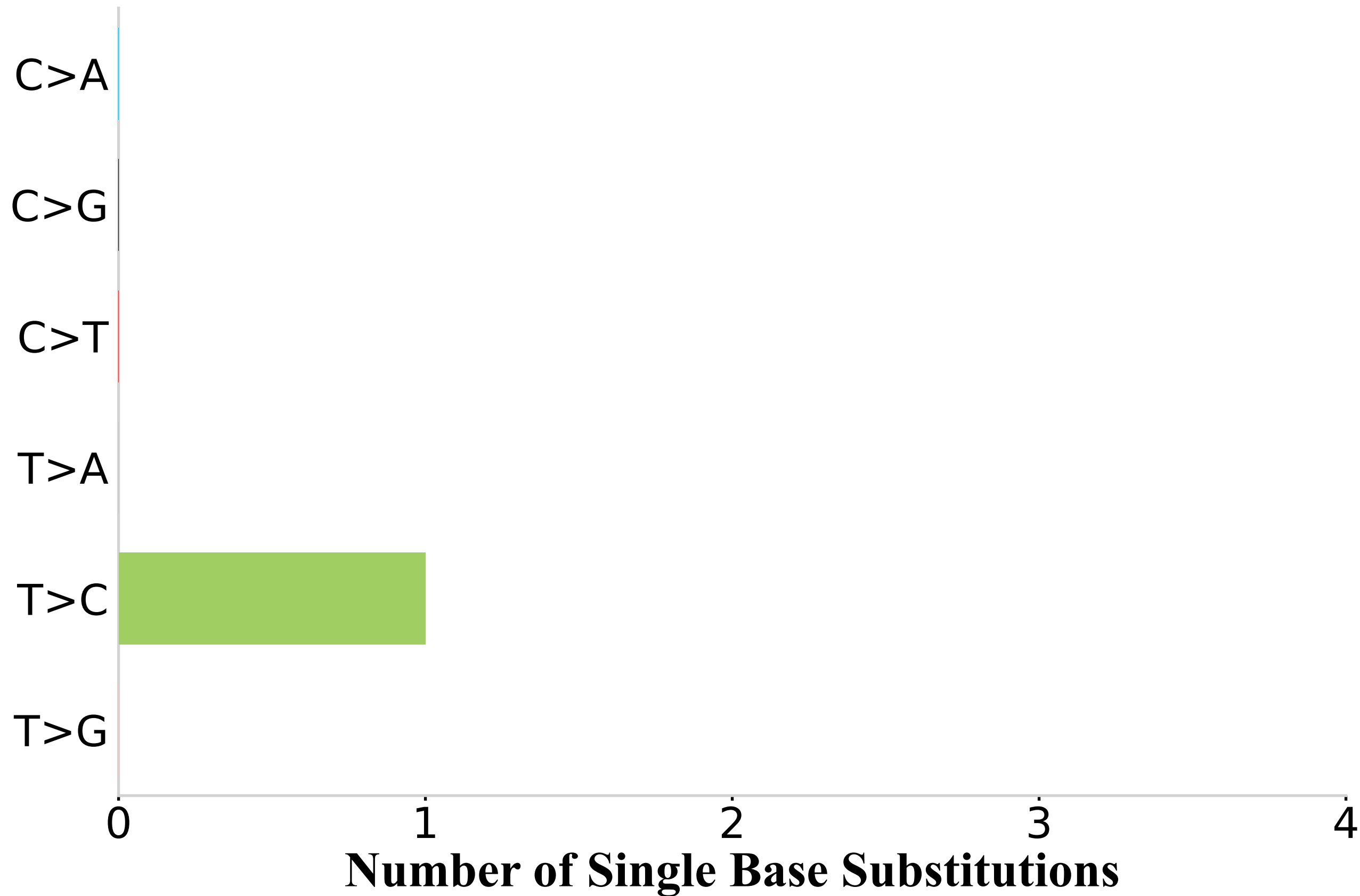
P-0027544-T01-IM6: 2 subs



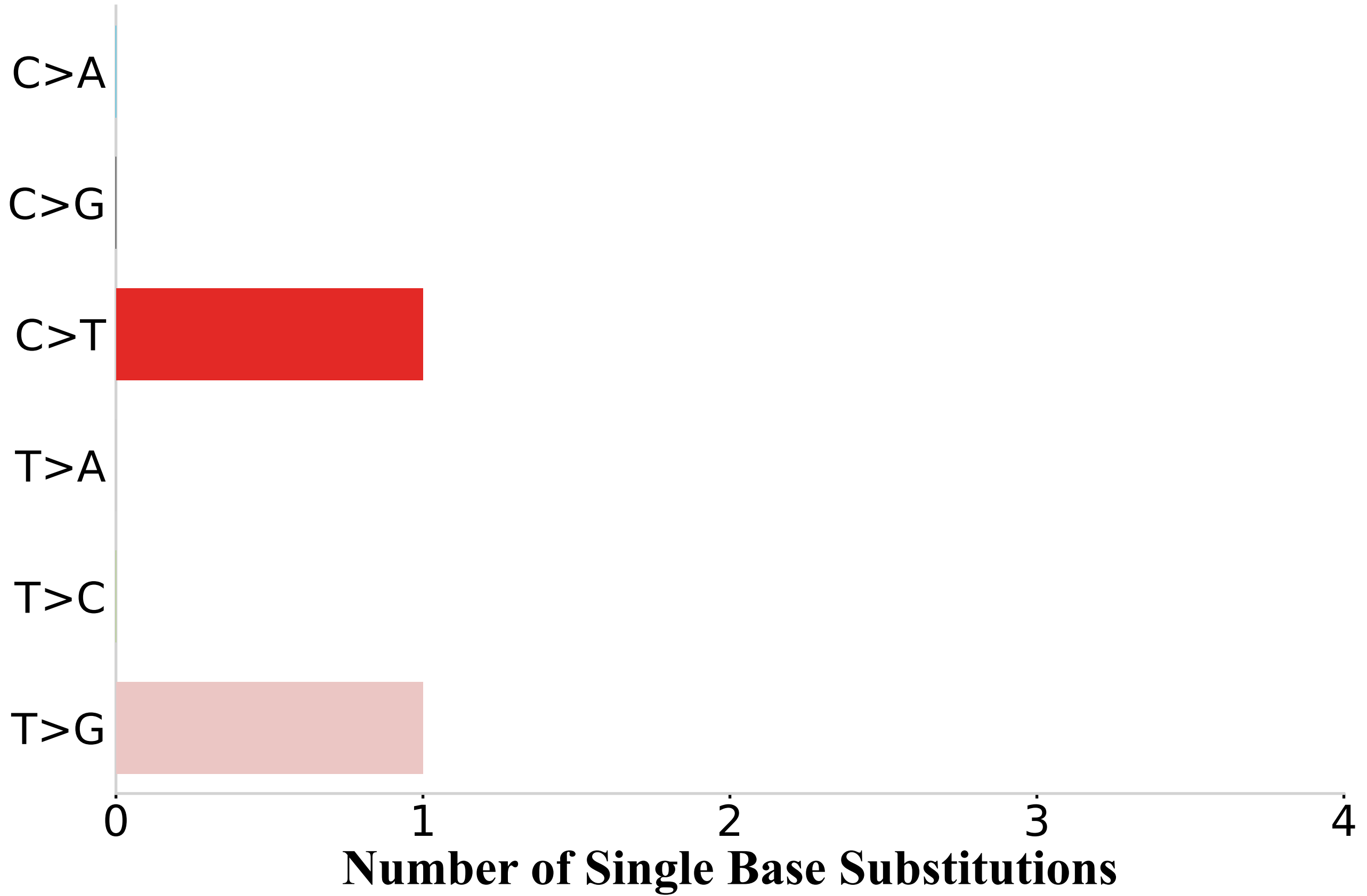
P-0027623-T01-IM6: 1 subs



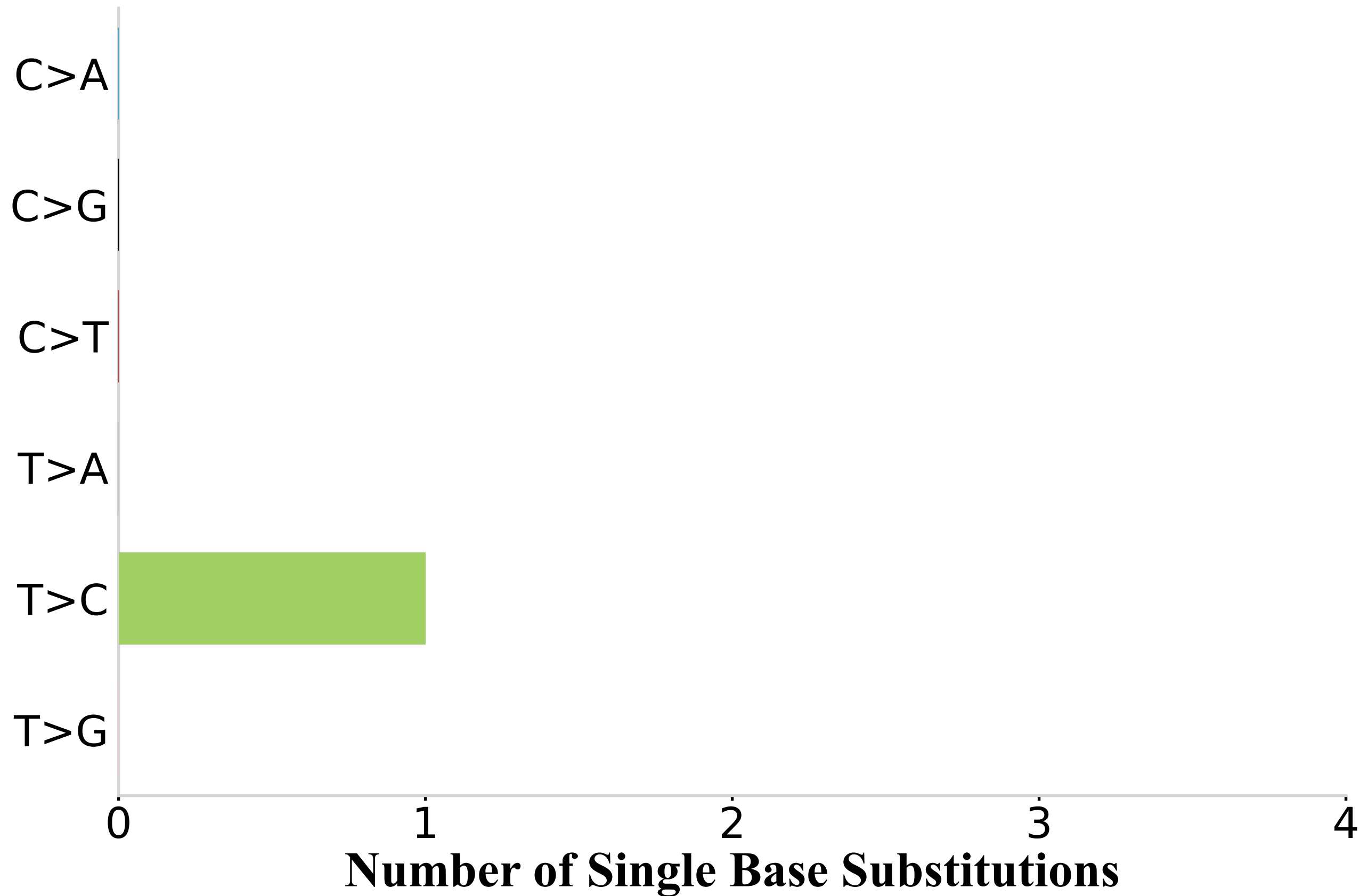
P-0027646-T01-IM6: 1 subs



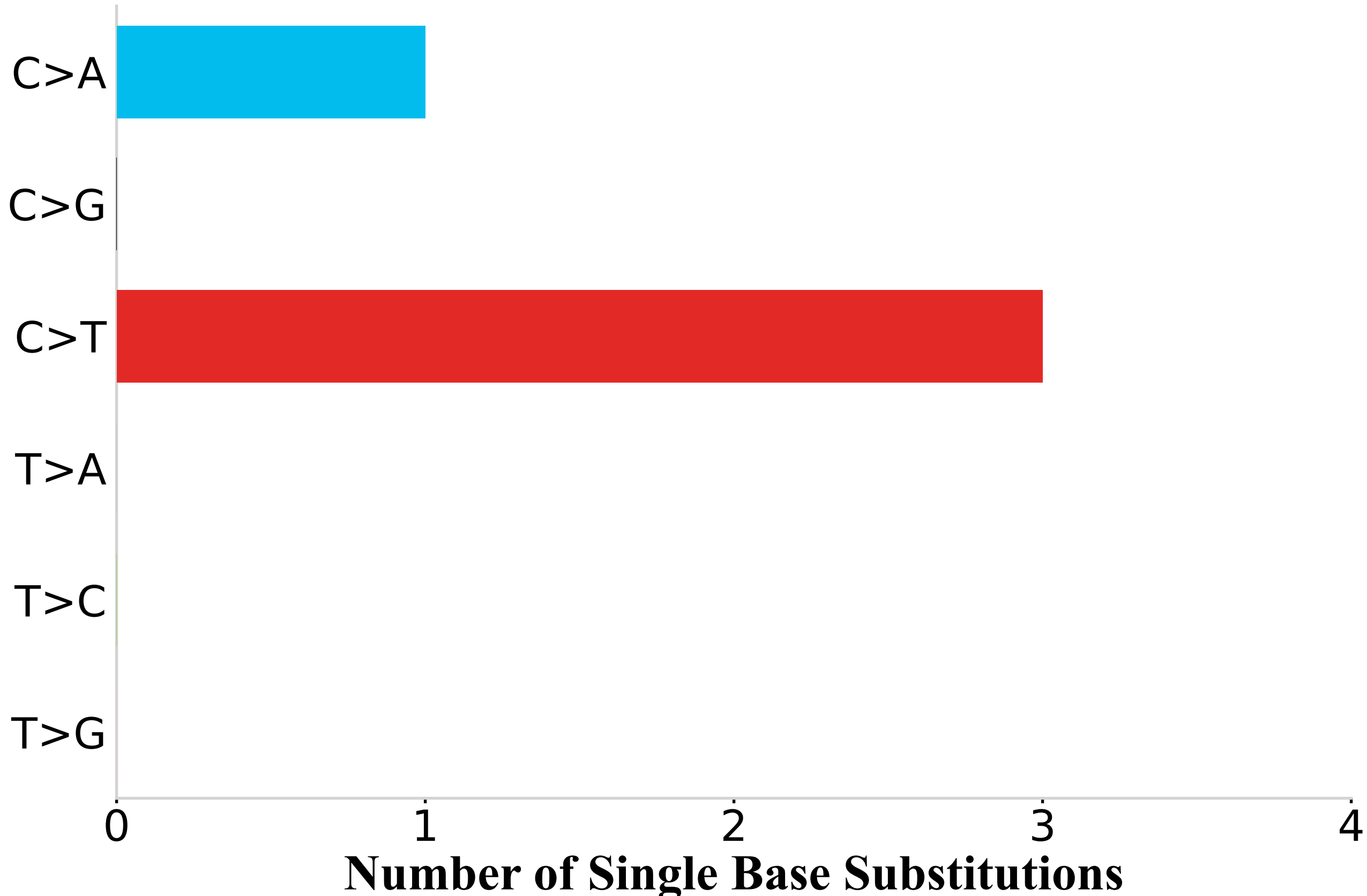
P-0027847-T01-IM6: 2 subs



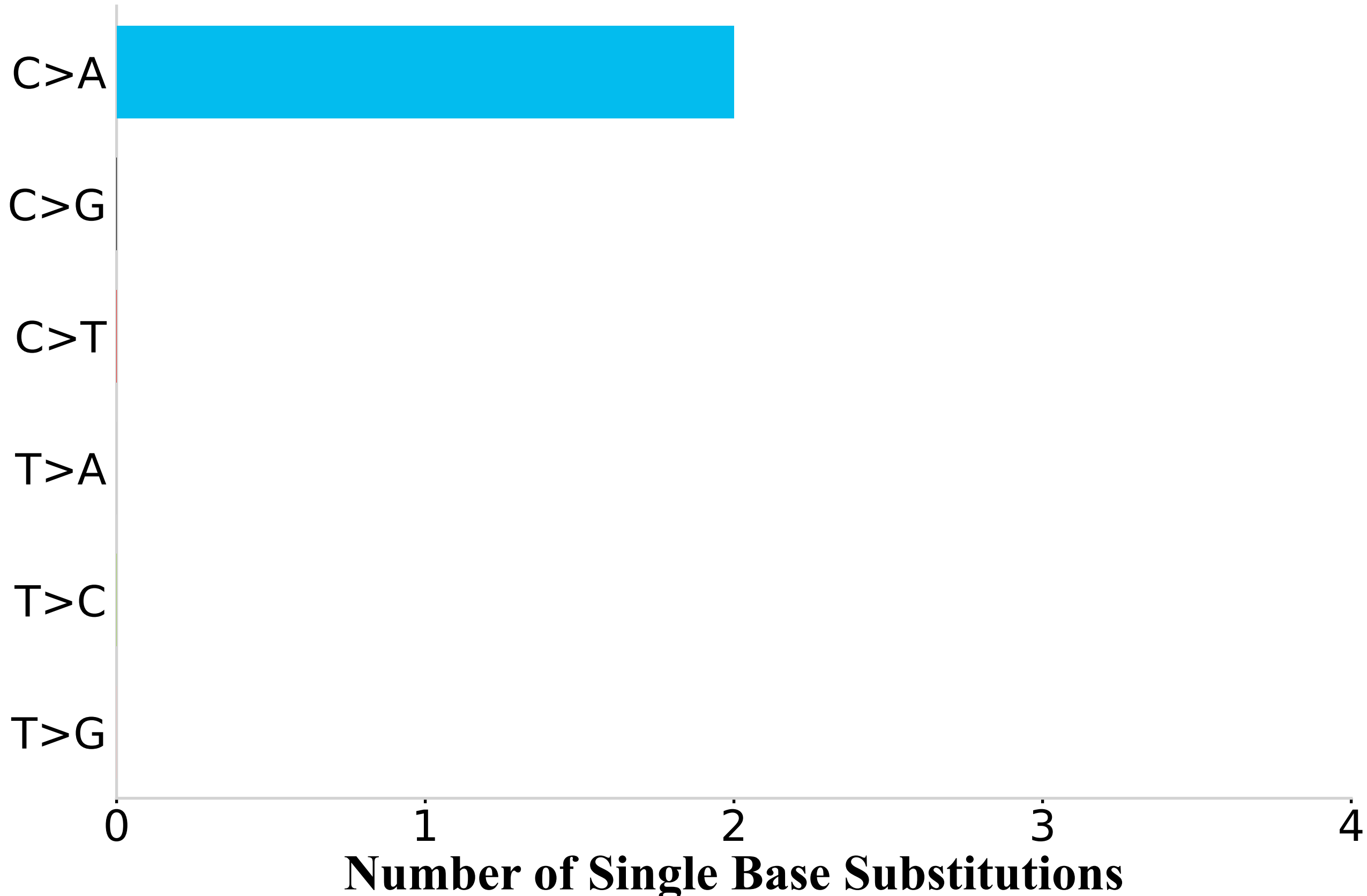
P-0027866-T01-IM6: 1 subs



P-0028079-T01-IM6: 4 subs



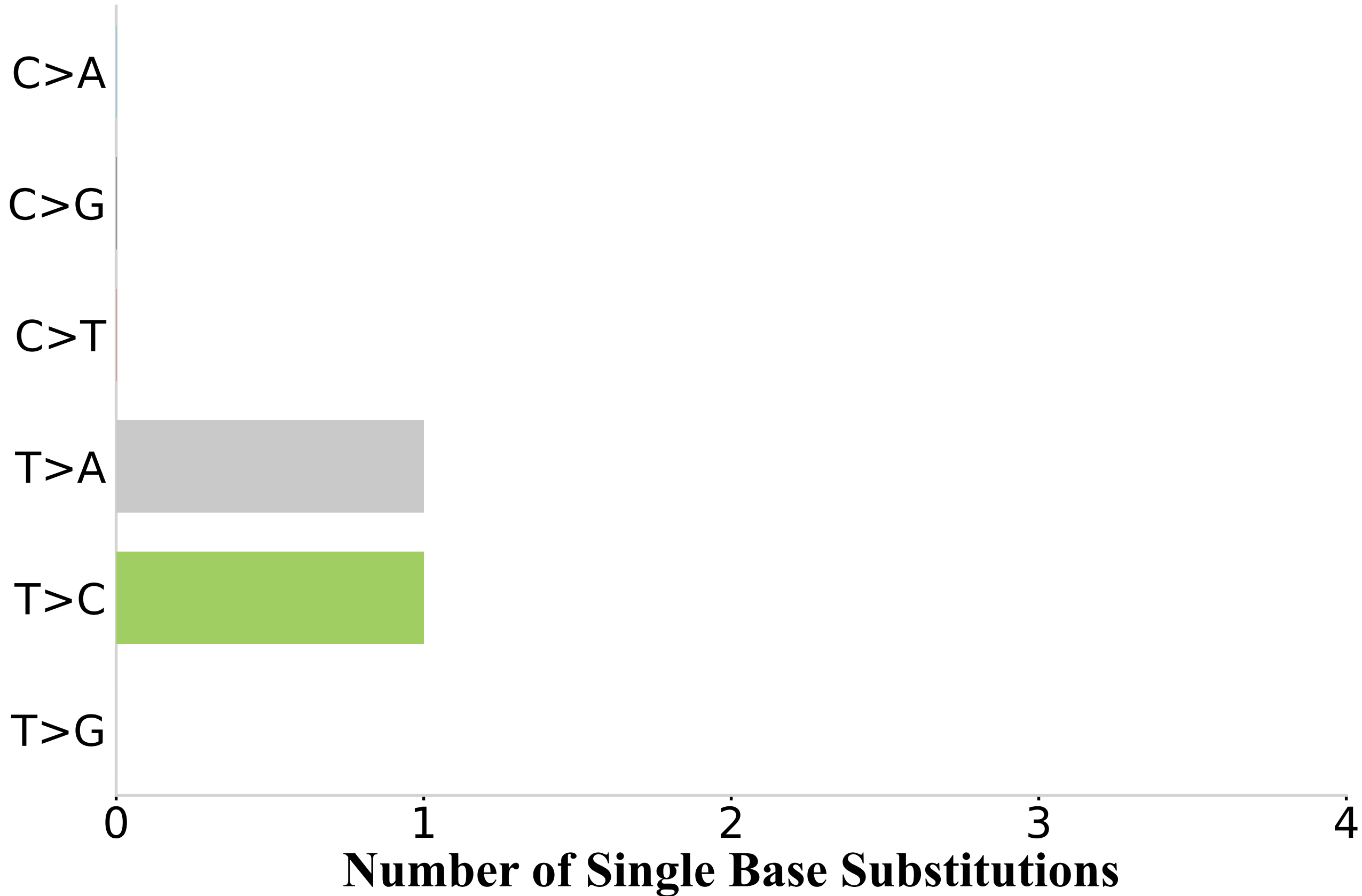
P-0028378-T01-IM6: 2 subs



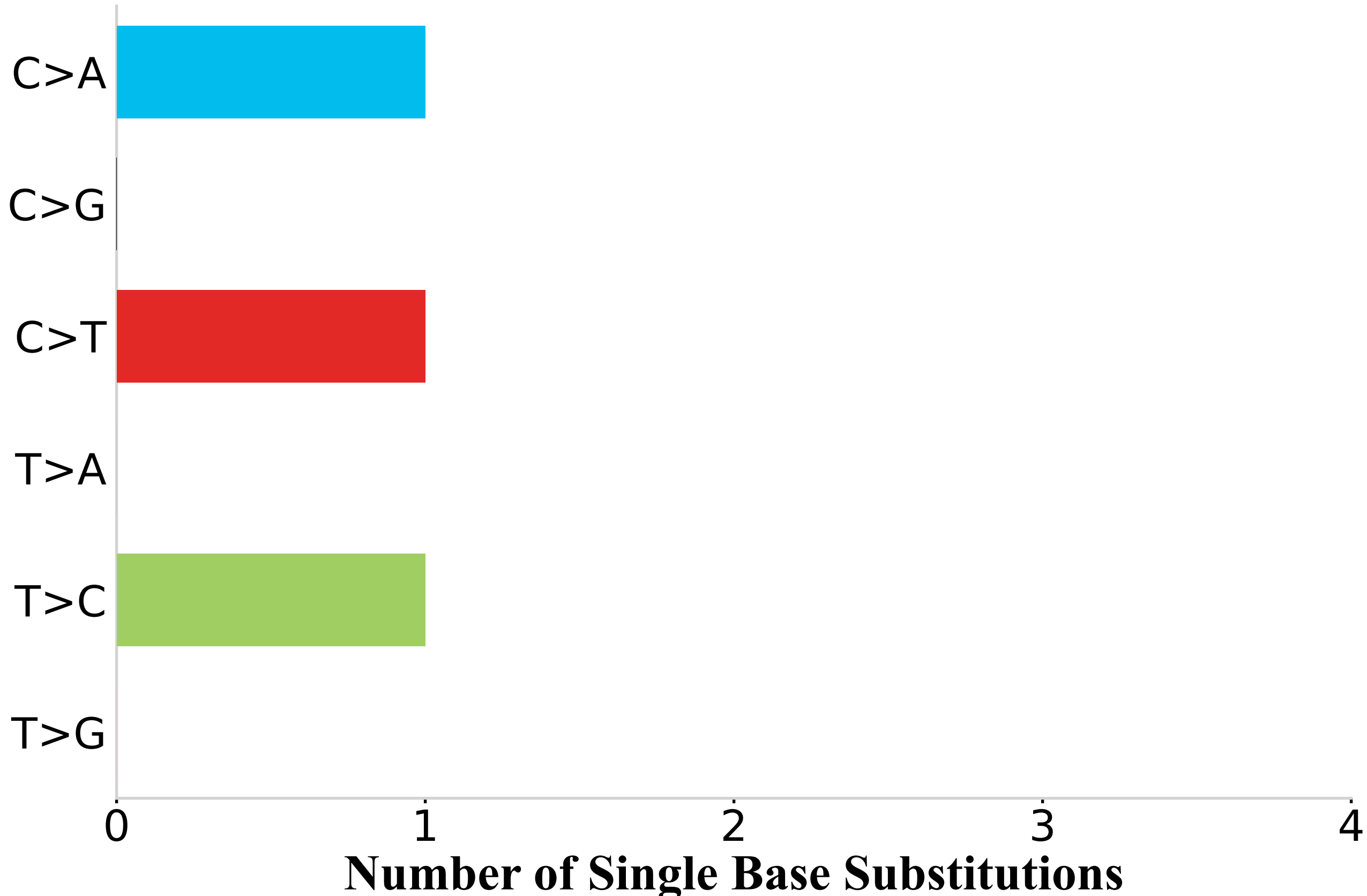
P-0028442-T01-IM6: 2 subs



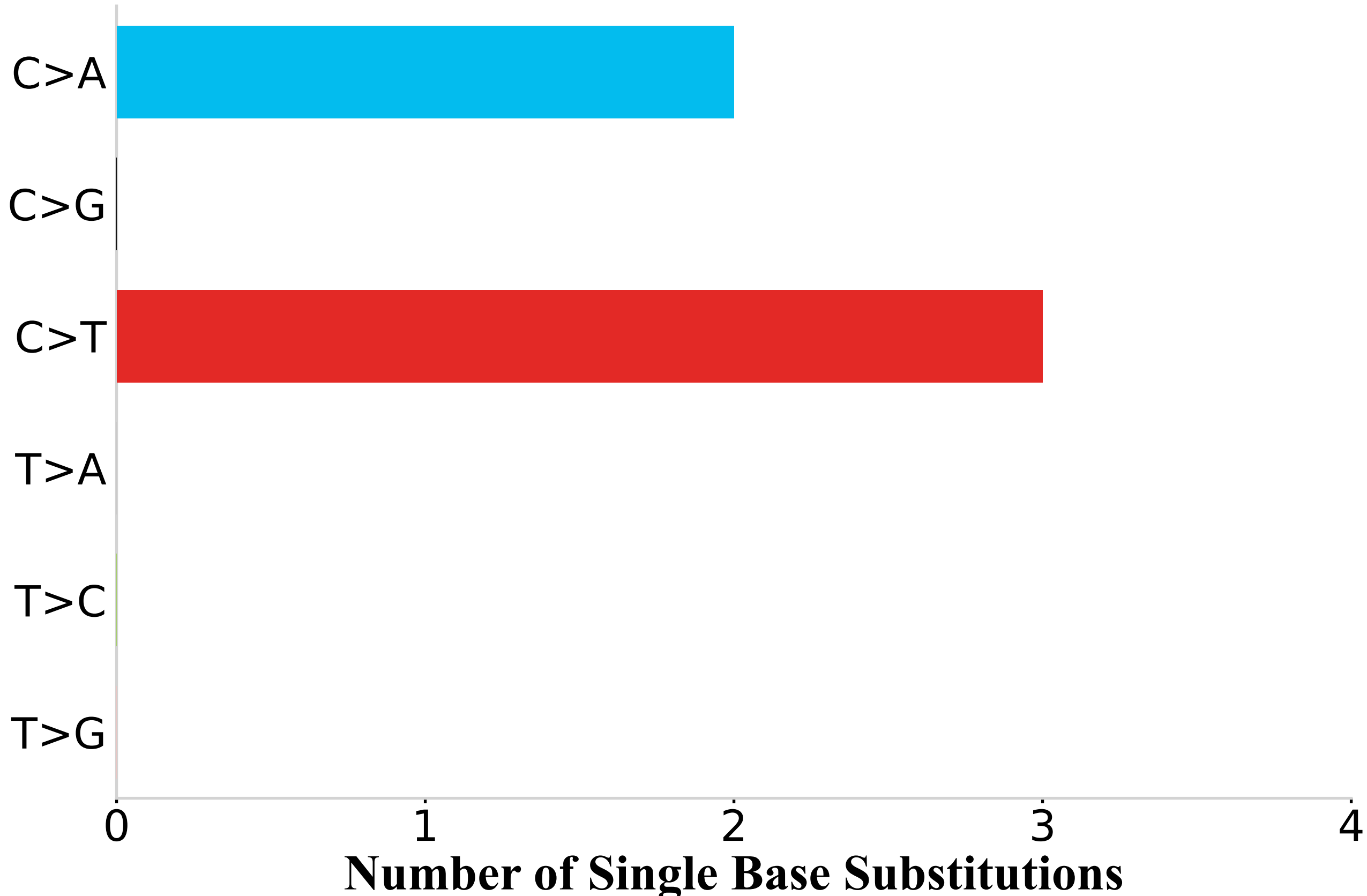
P-0028605-T01-IM6: 2 subs



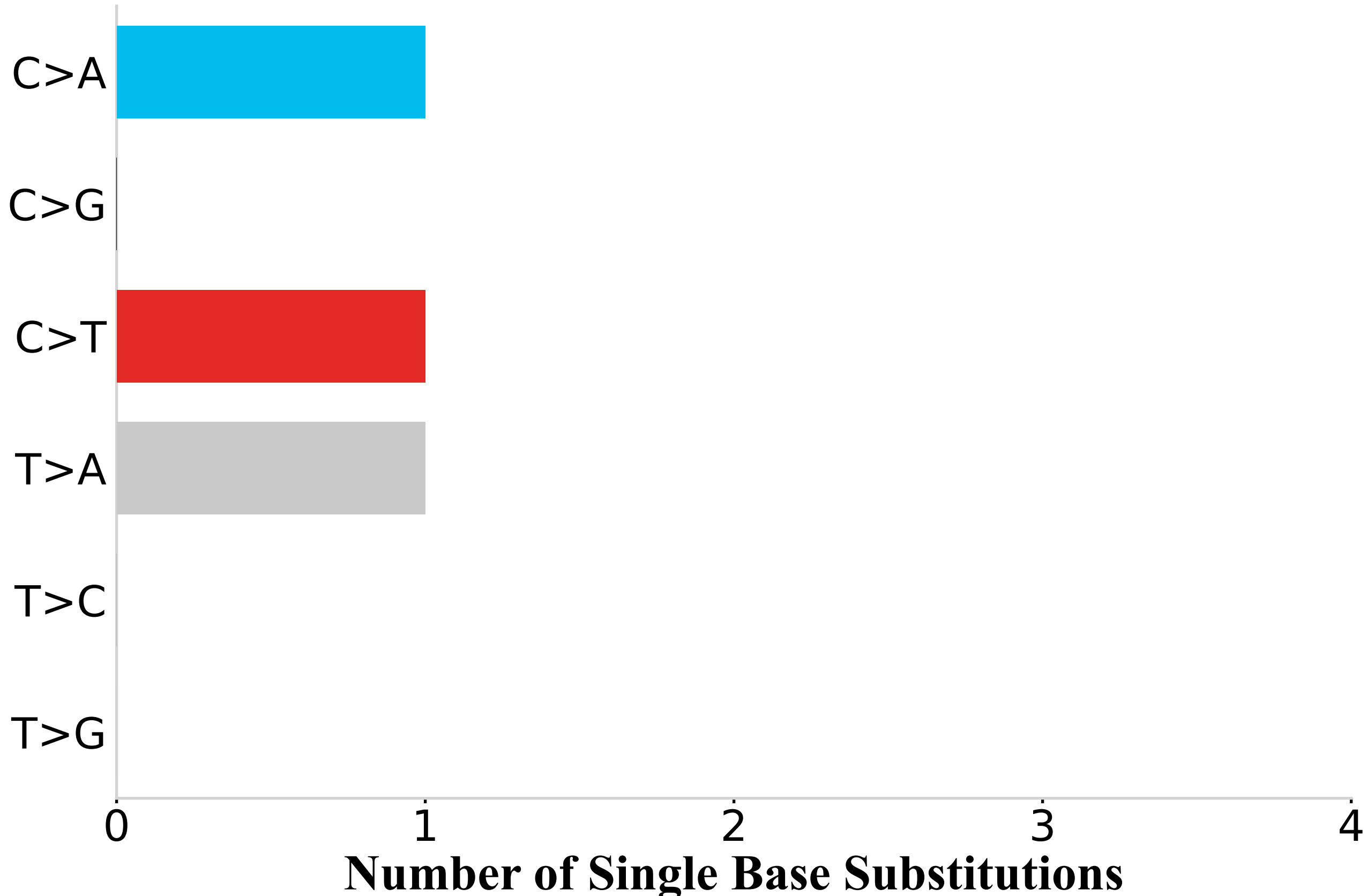
P-0028619-T01-IM6: 3 subs



P-0028624-T01-IM6: 5 subs



P-0028790-T01-IM6: 3 subs



P-0029067-T01-IM6: 0 subs

C>A

C>G

C>T

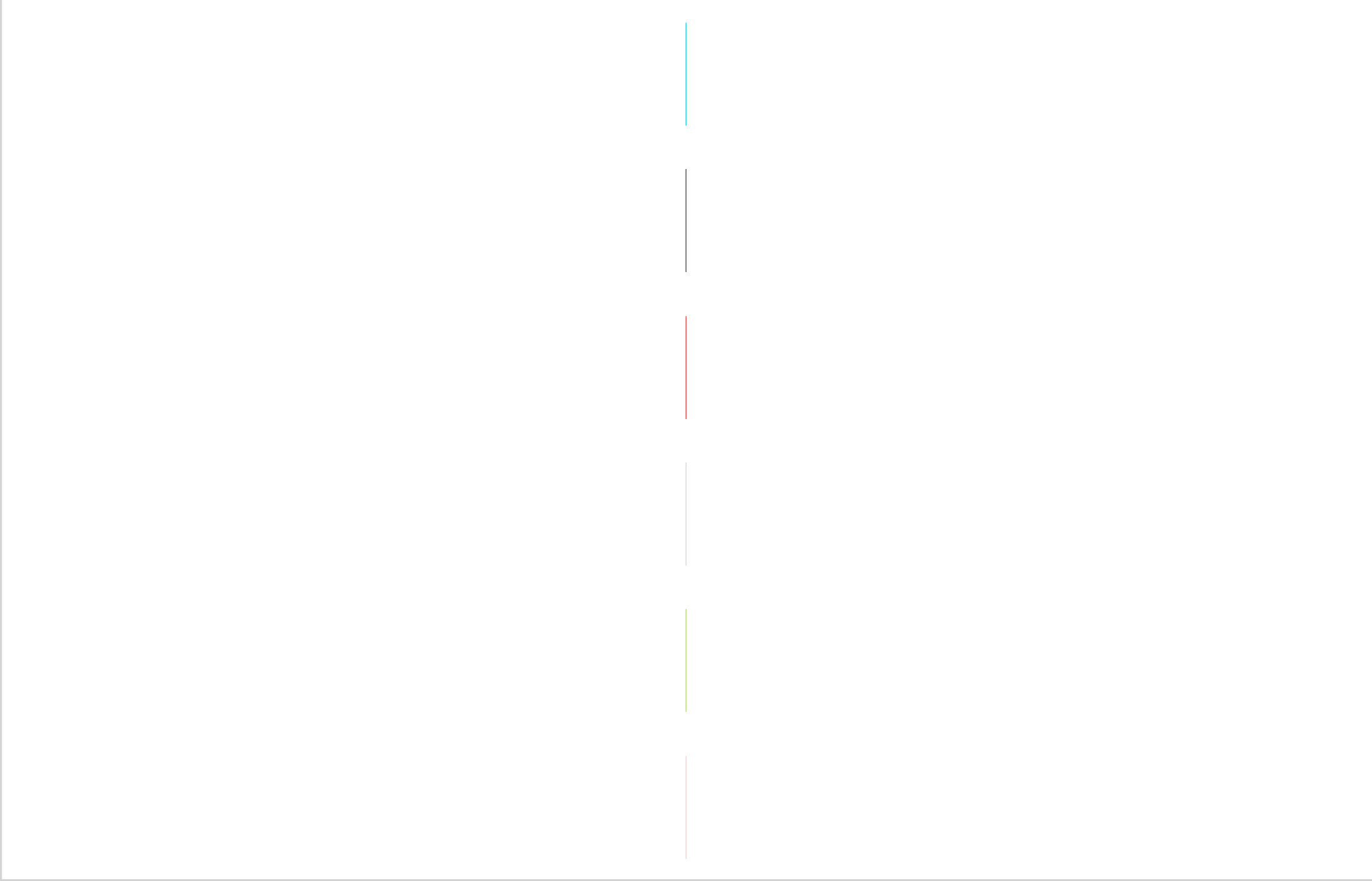
T>A

T>C

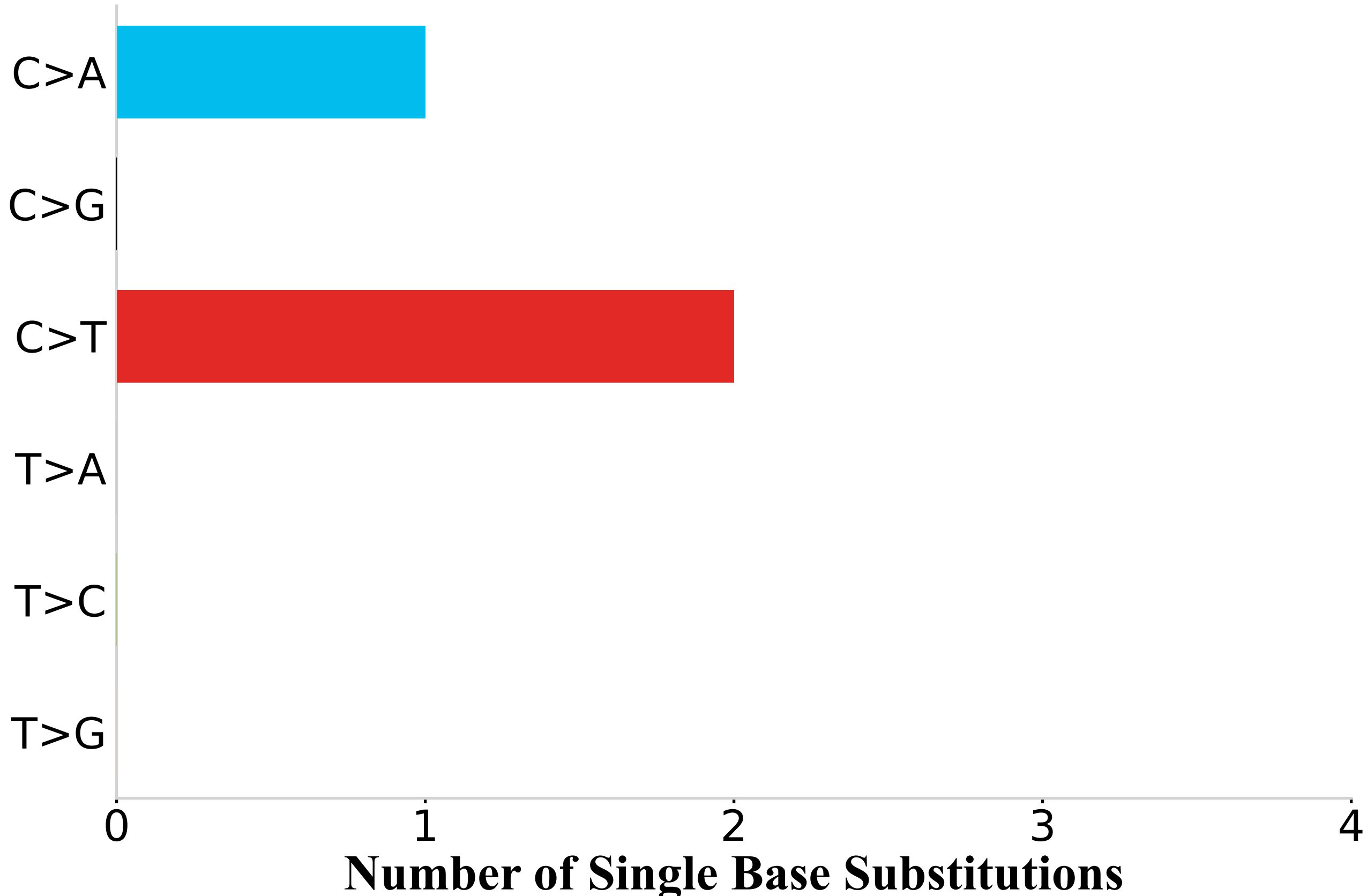
T>G

0

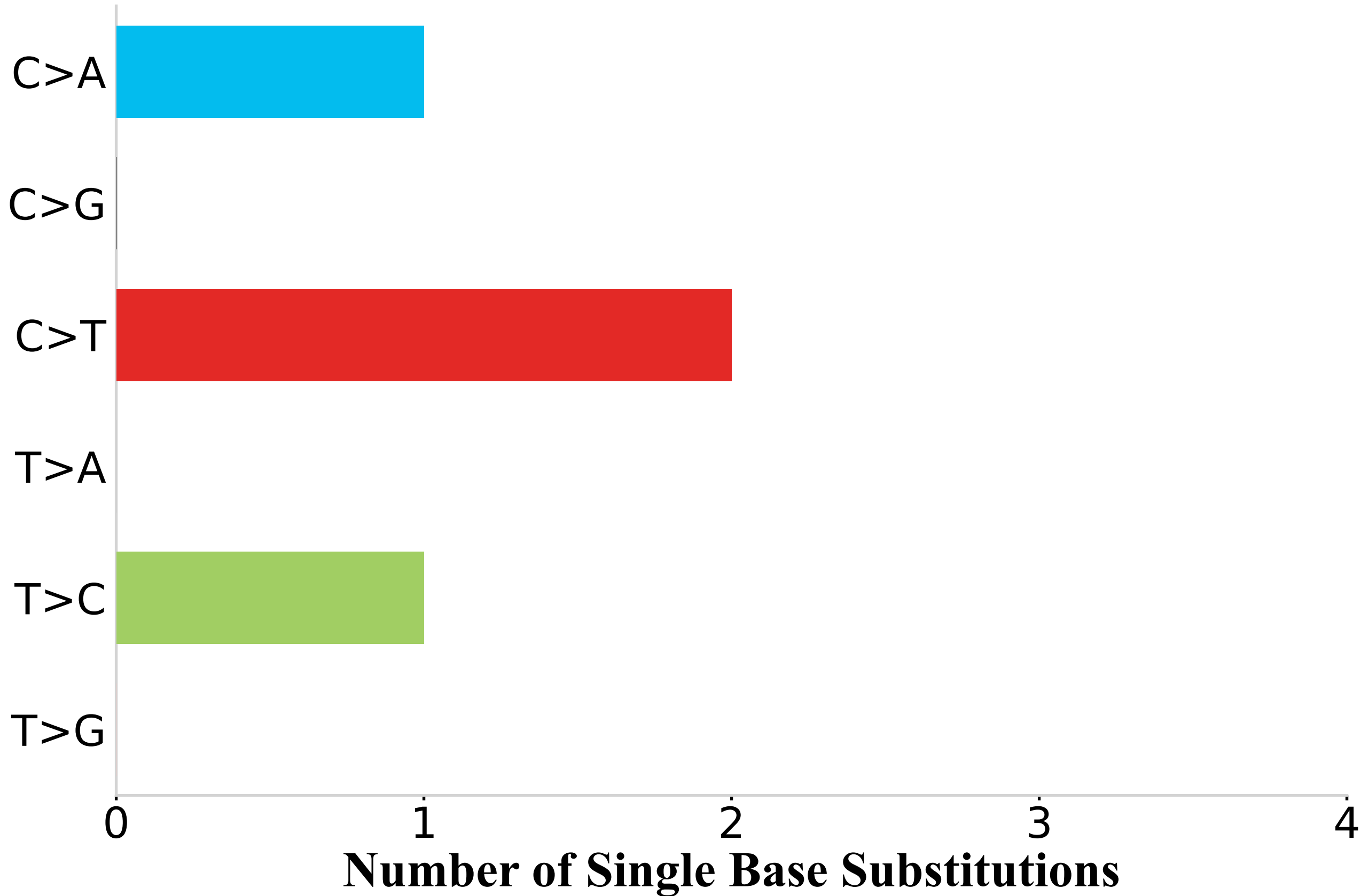
Number of Single Base Substitutions



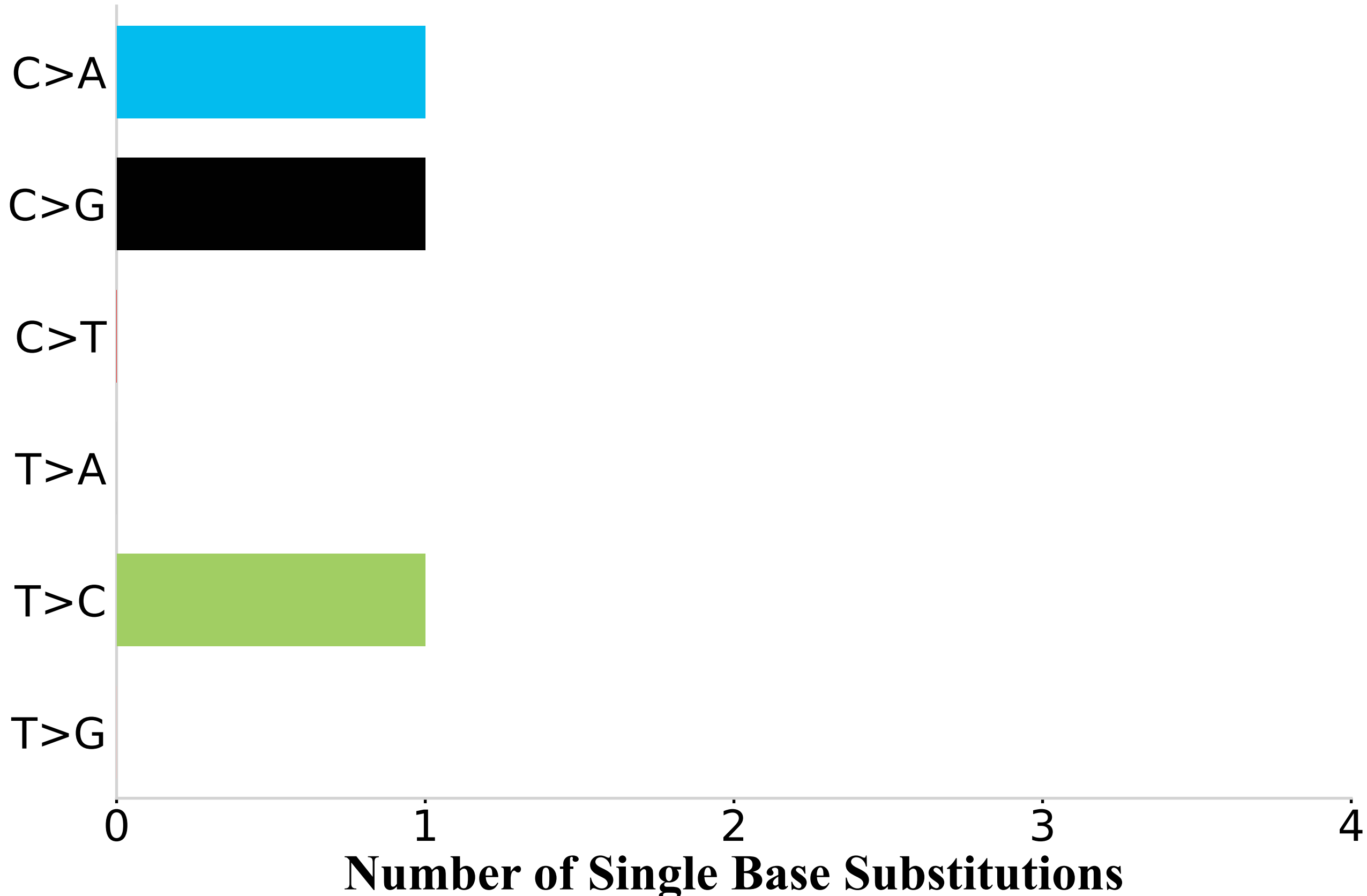
P-0029312-T01-IM6: 3 subs



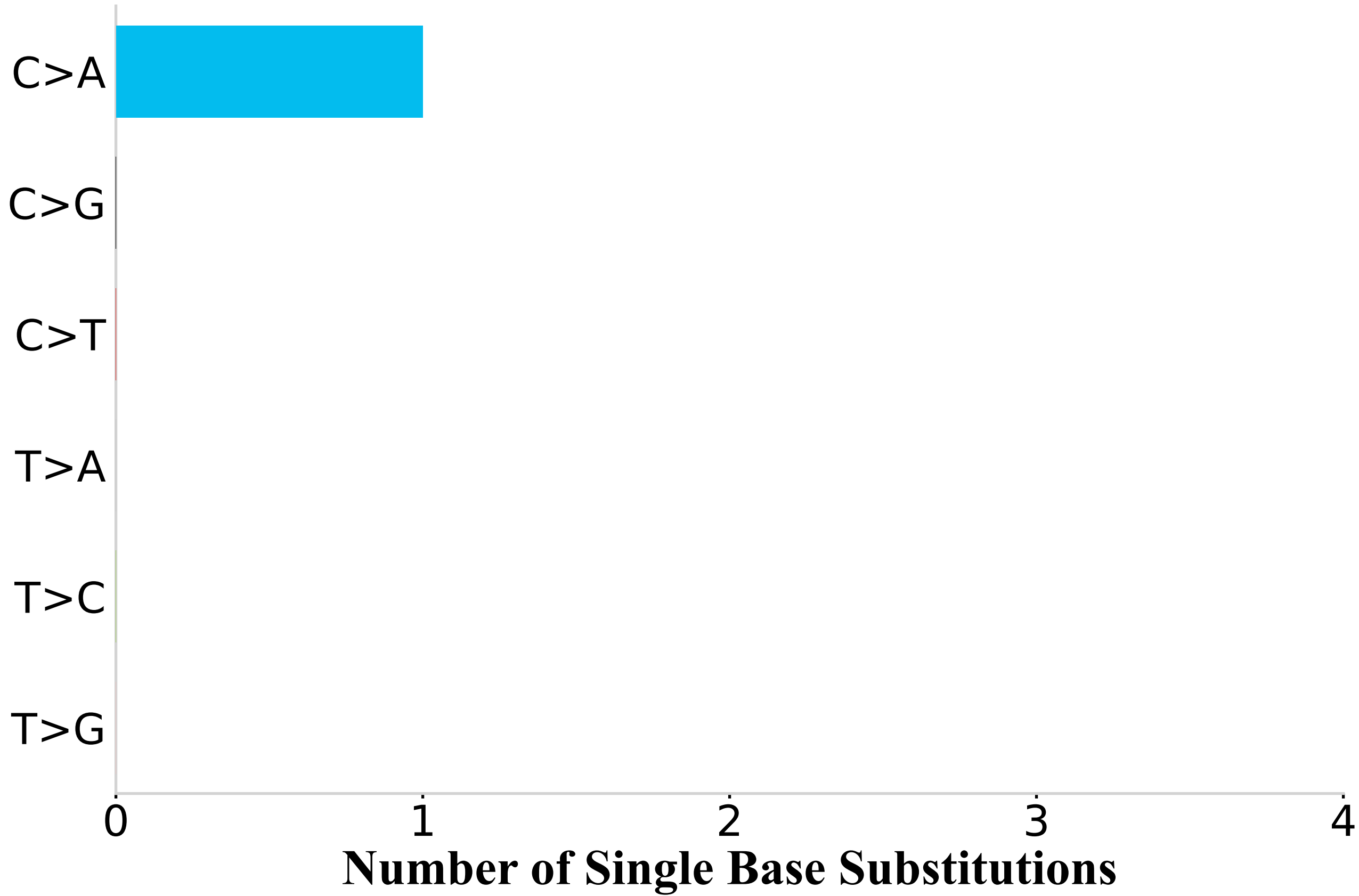
P-0029340-T02-IM6: 4 subs



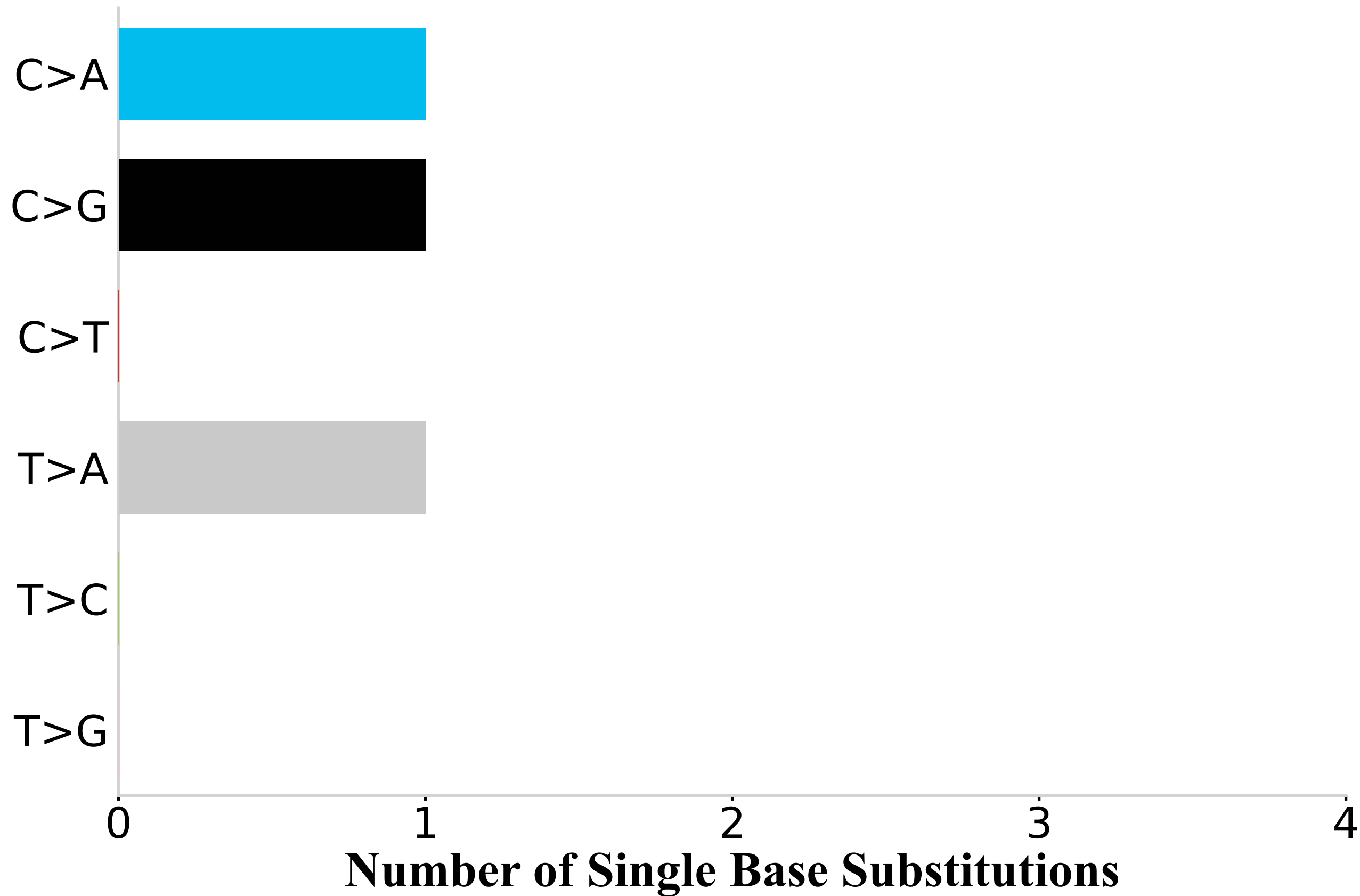
P-0029363-T01-IM6: 3 subs



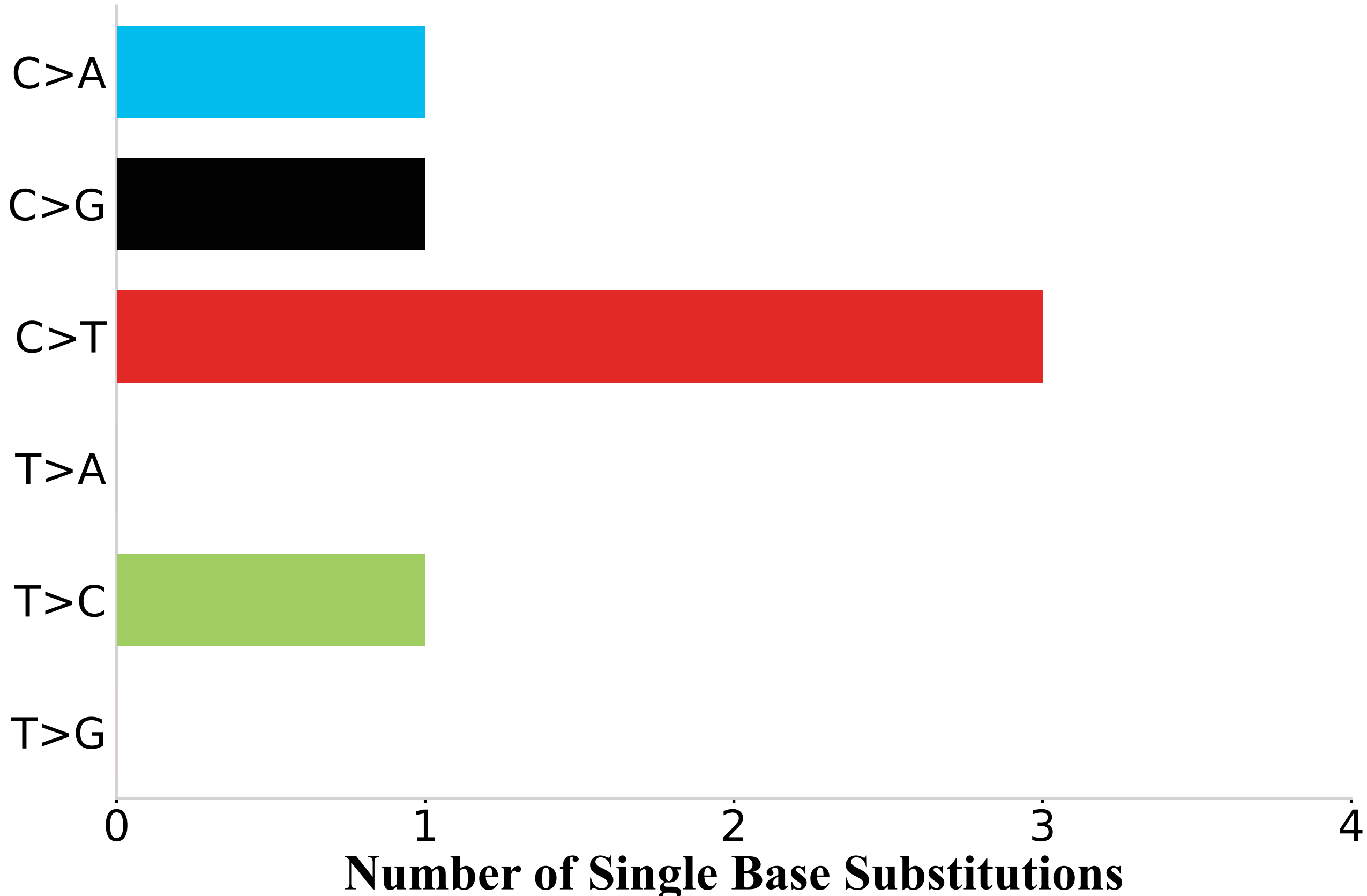
P-0029417-T01-IM6: 1 subs



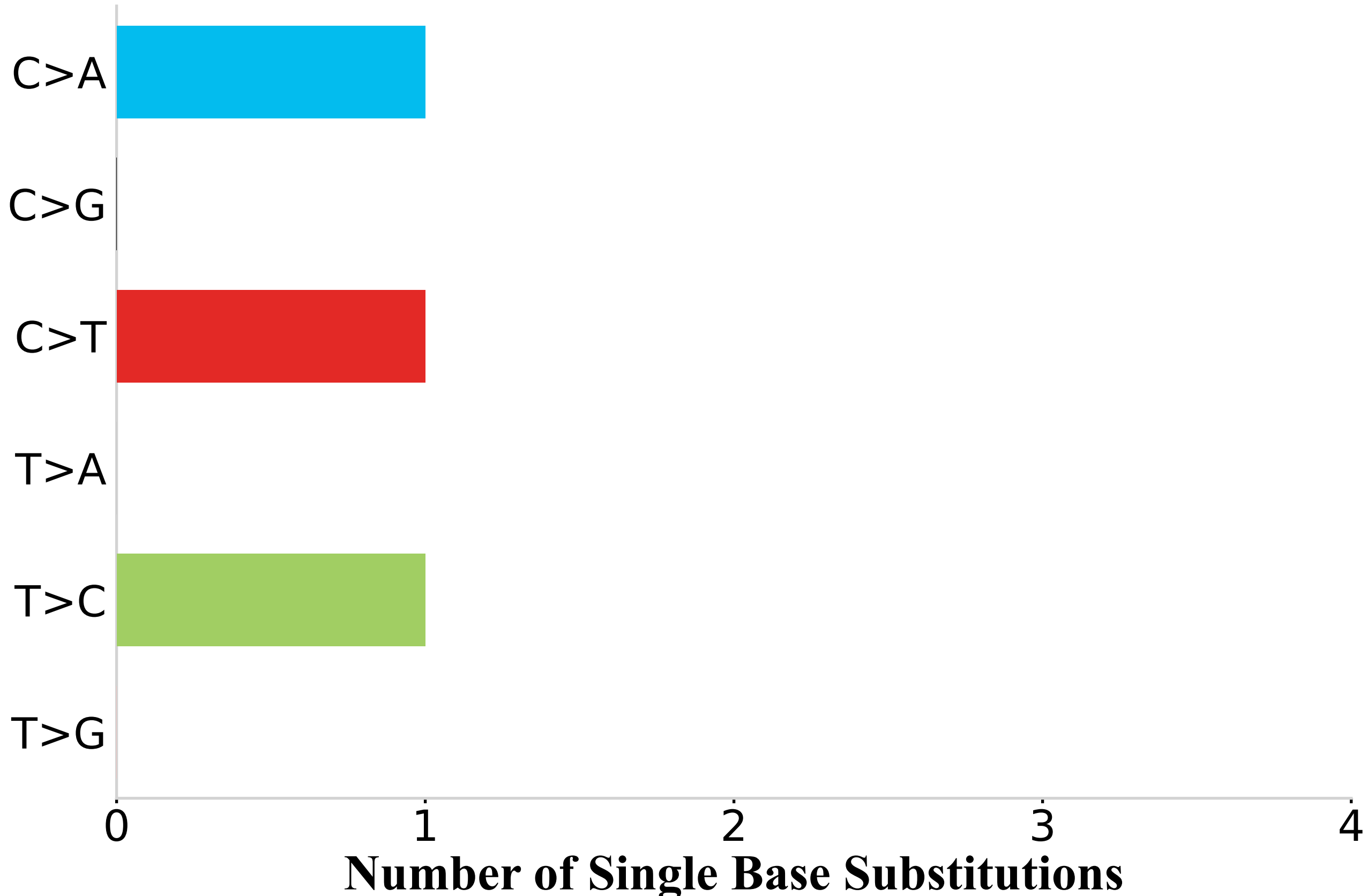
P-0029803-T01-IM6: 3 subs



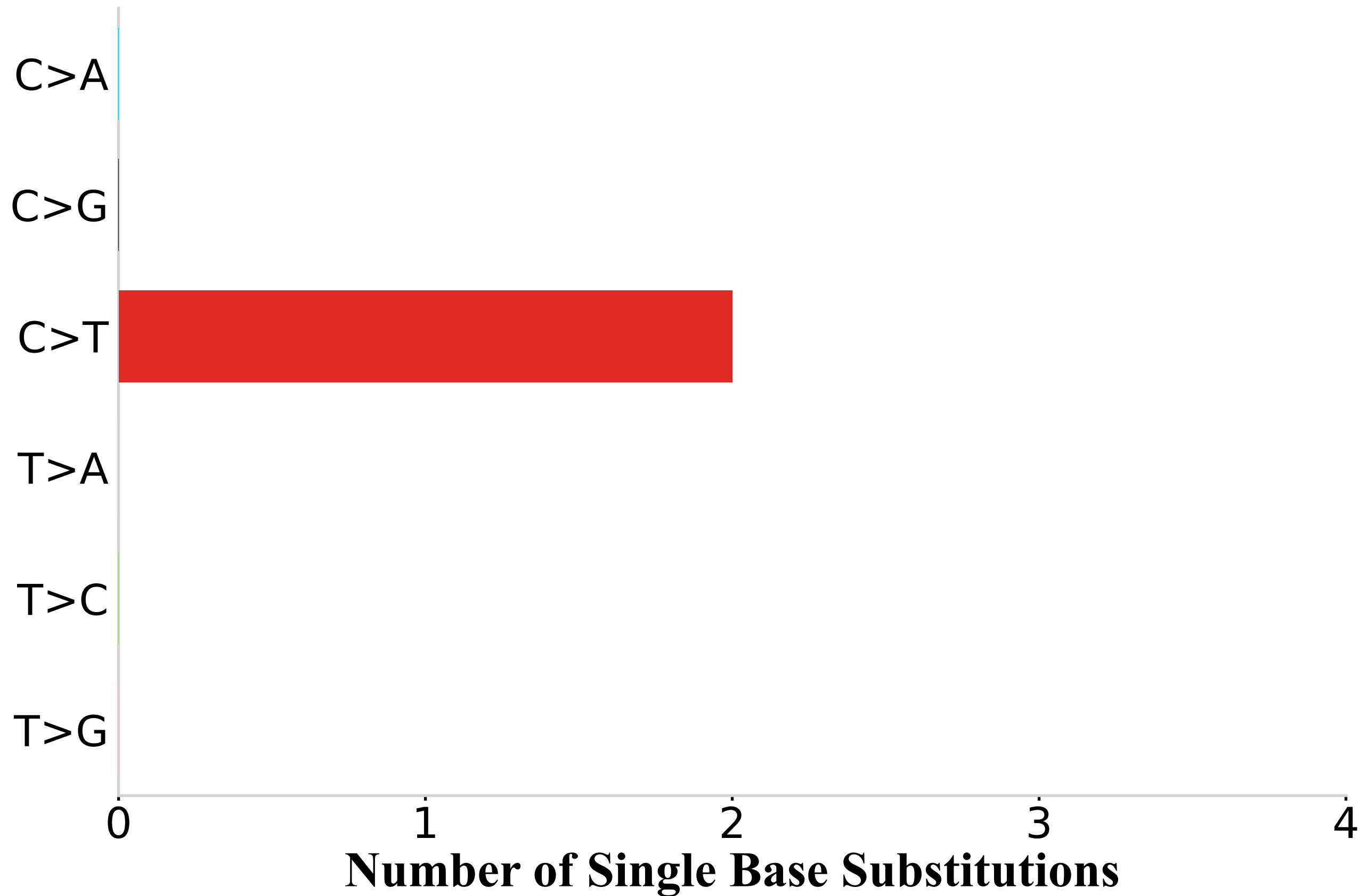
P-0029892-T04-IM6: 6 subs



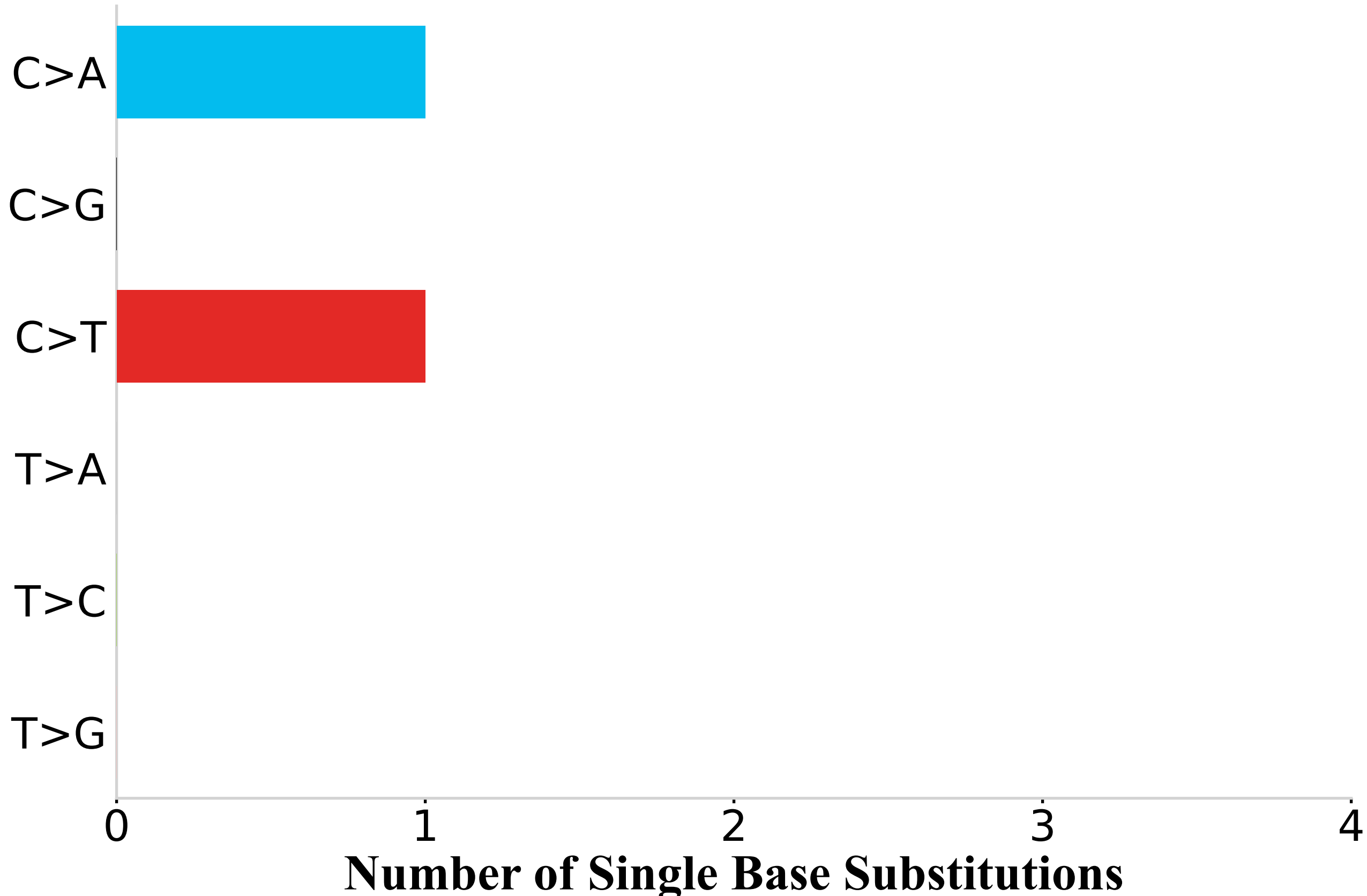
P-0029964-T01-IM6: 3 subs



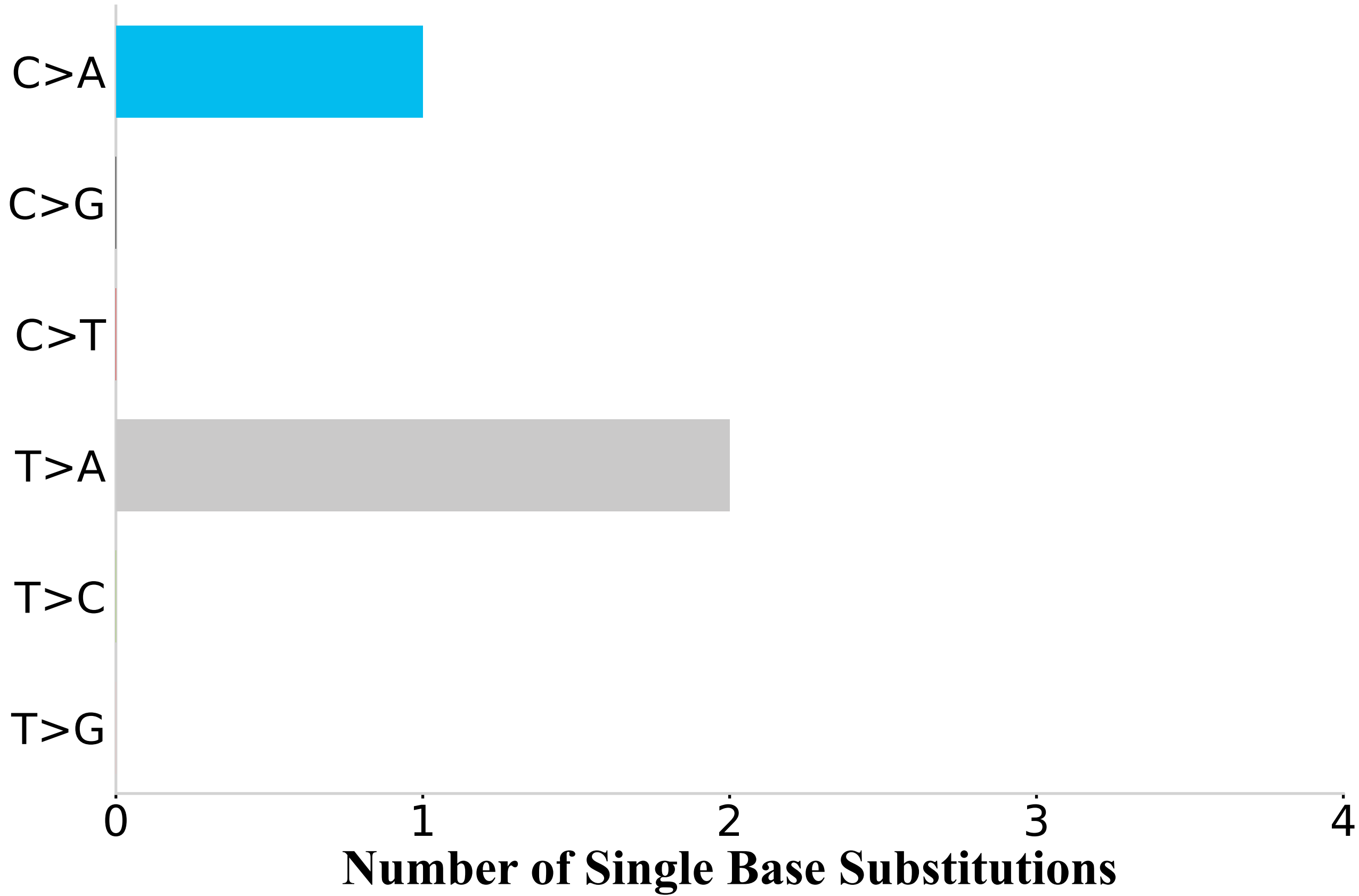
P-0030232-T01-IM6: 2 subs



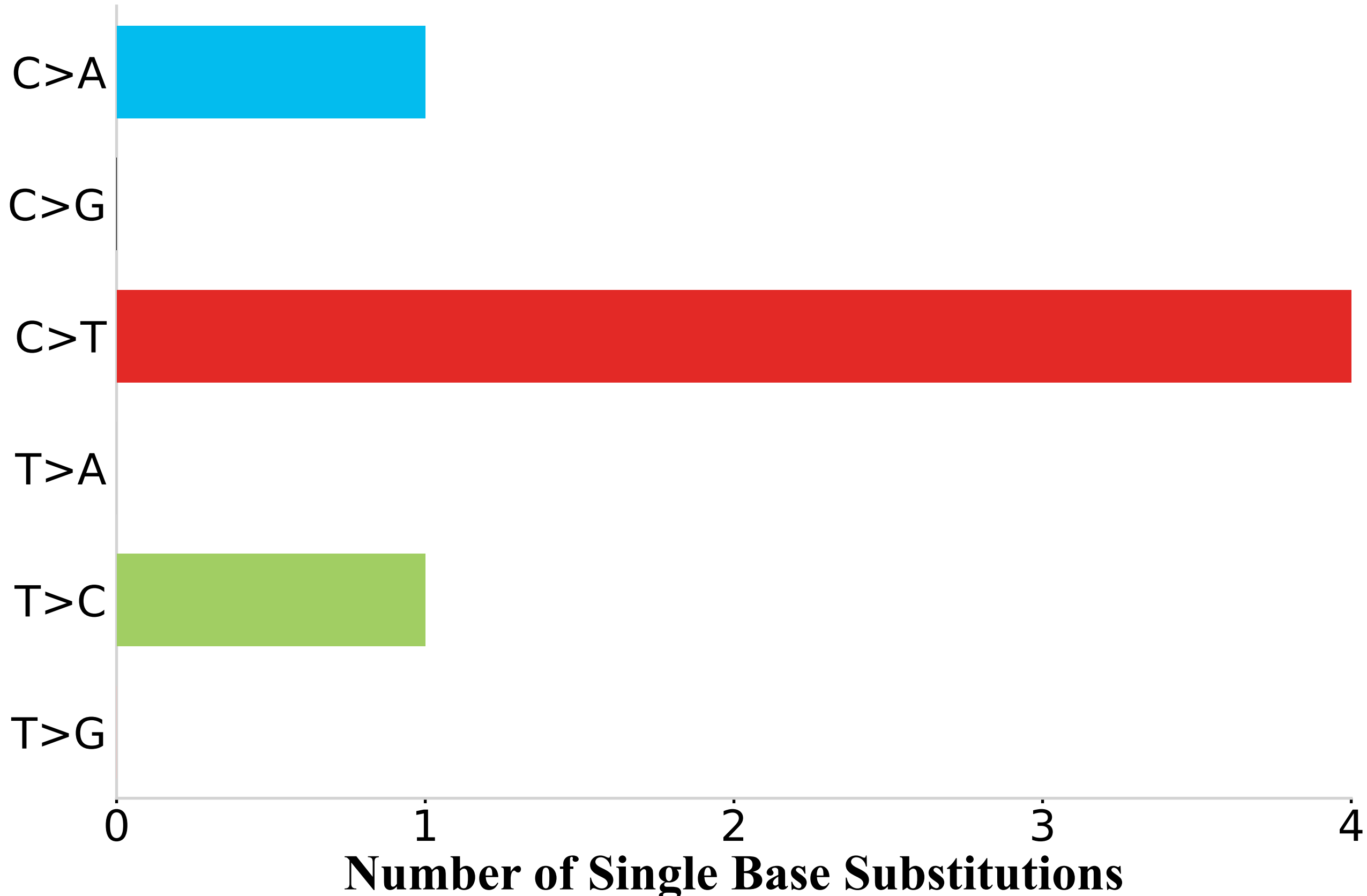
P-0030378-T01-IM6: 2 subs



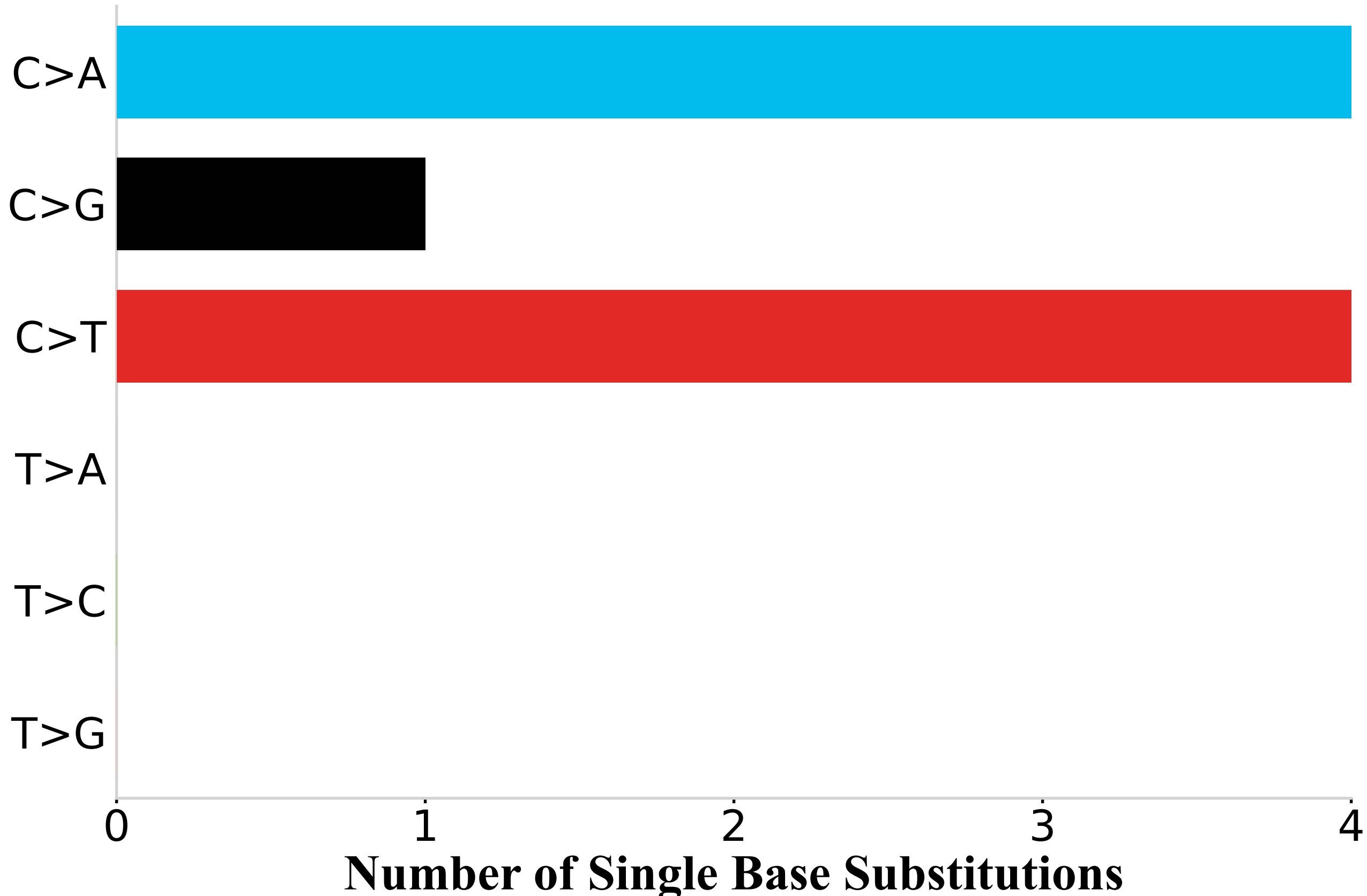
P-0030556-T01-IM6: 3 subs



P-0030835-T01-IM6: 6 subs



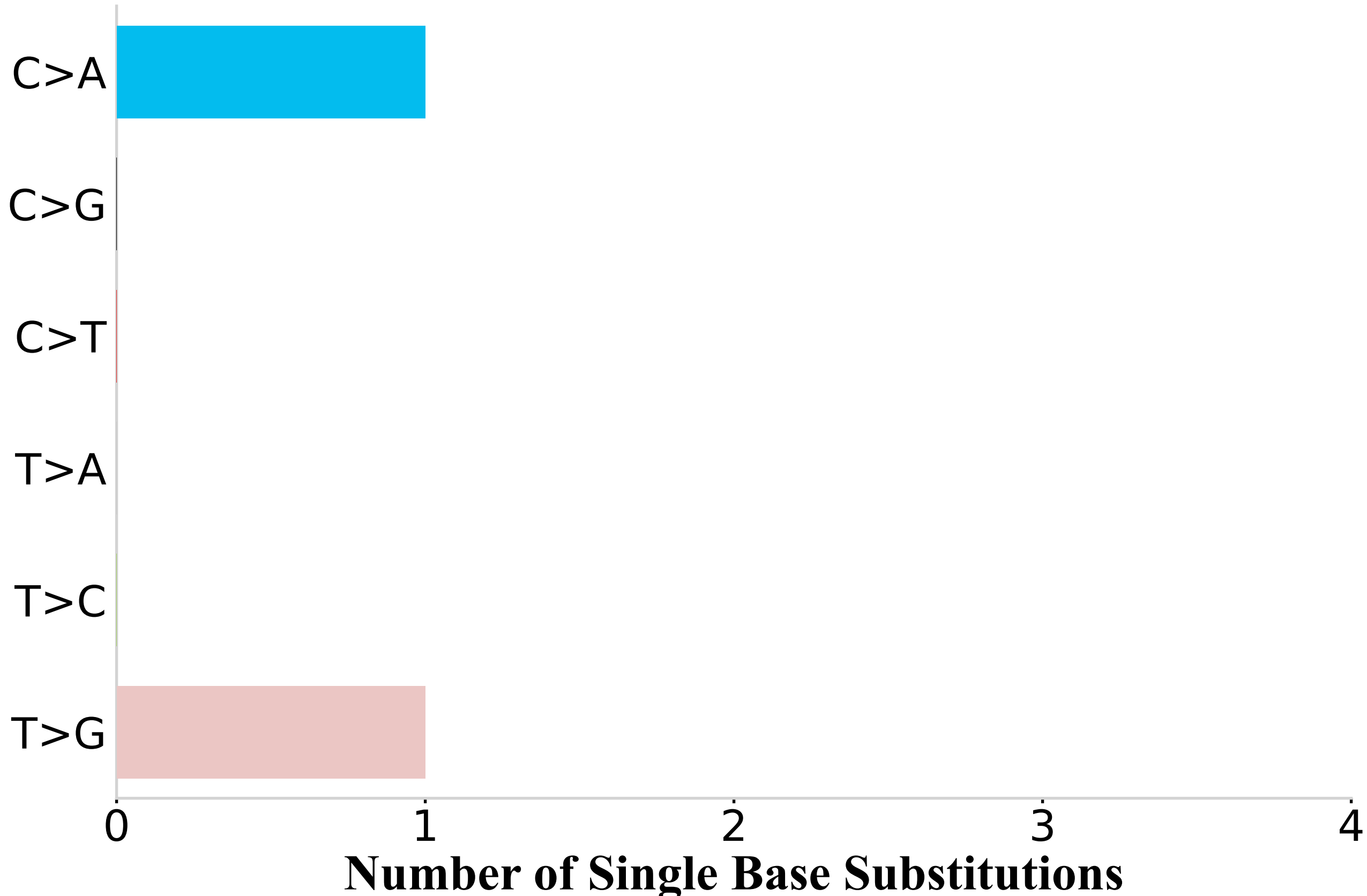
P-0030849-T01-IM6: 9 subs



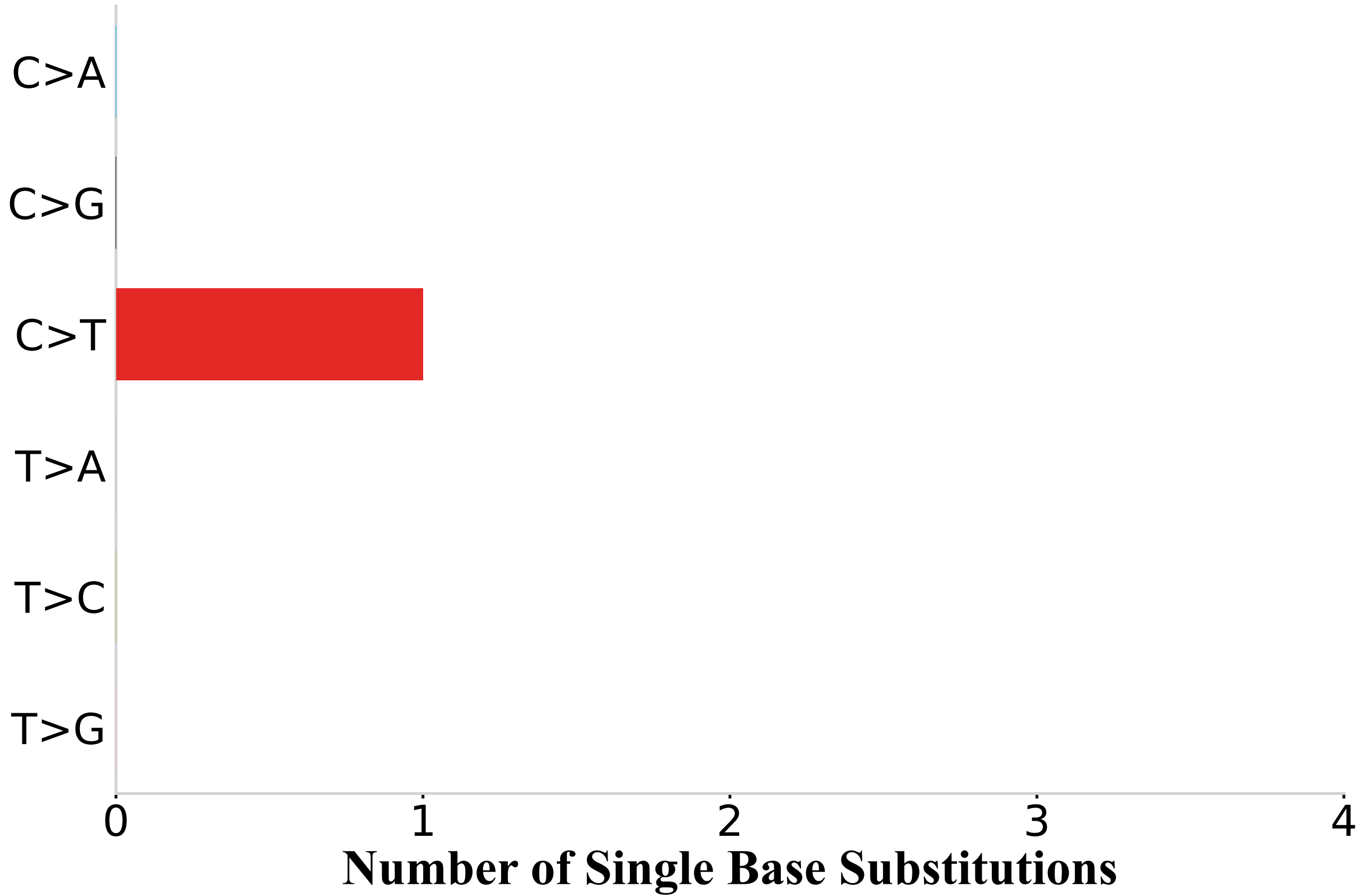
P-0030895-T01-IM6: 1 subs



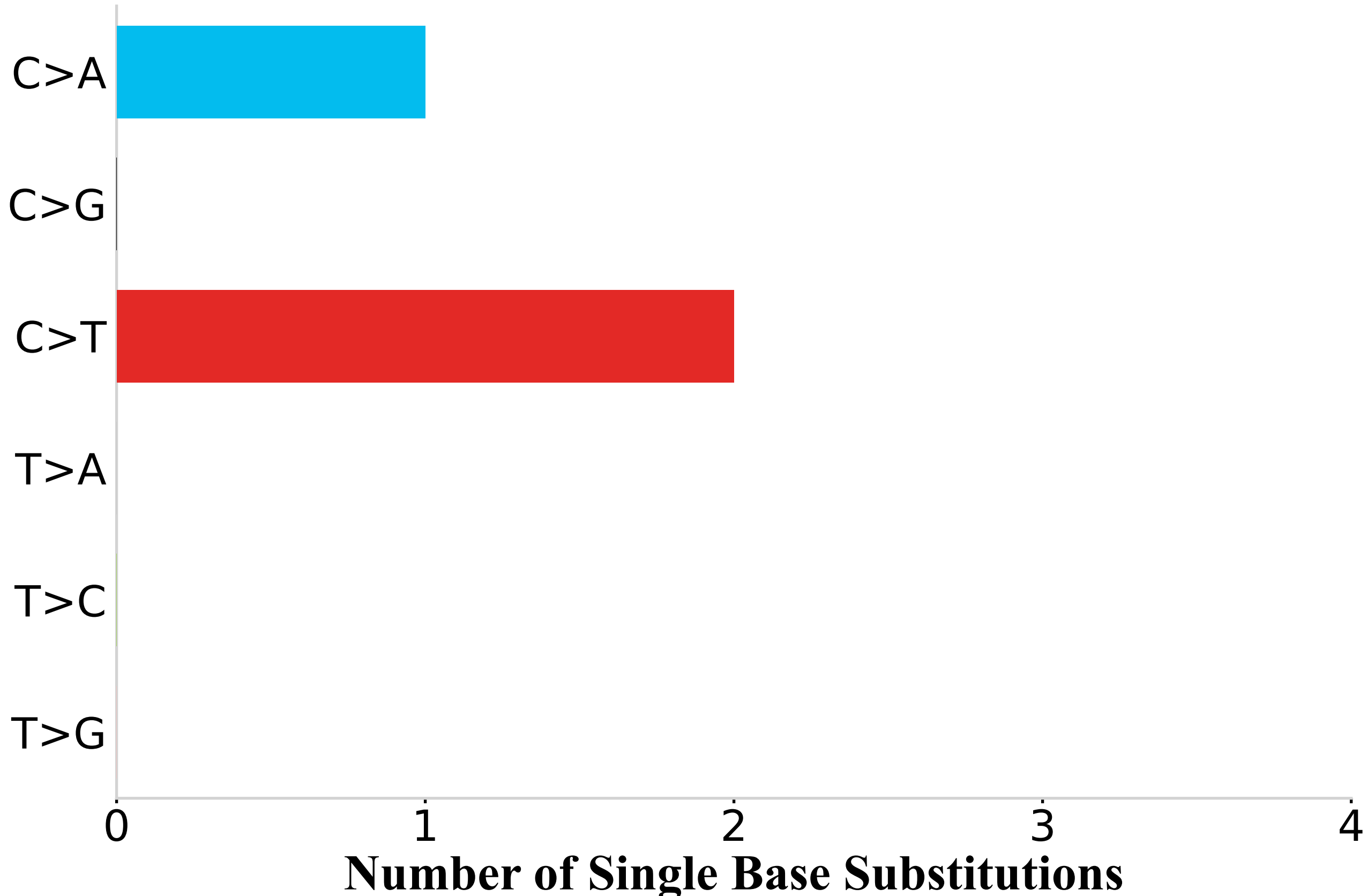
P-0031204-T01-IM6: 2 subs



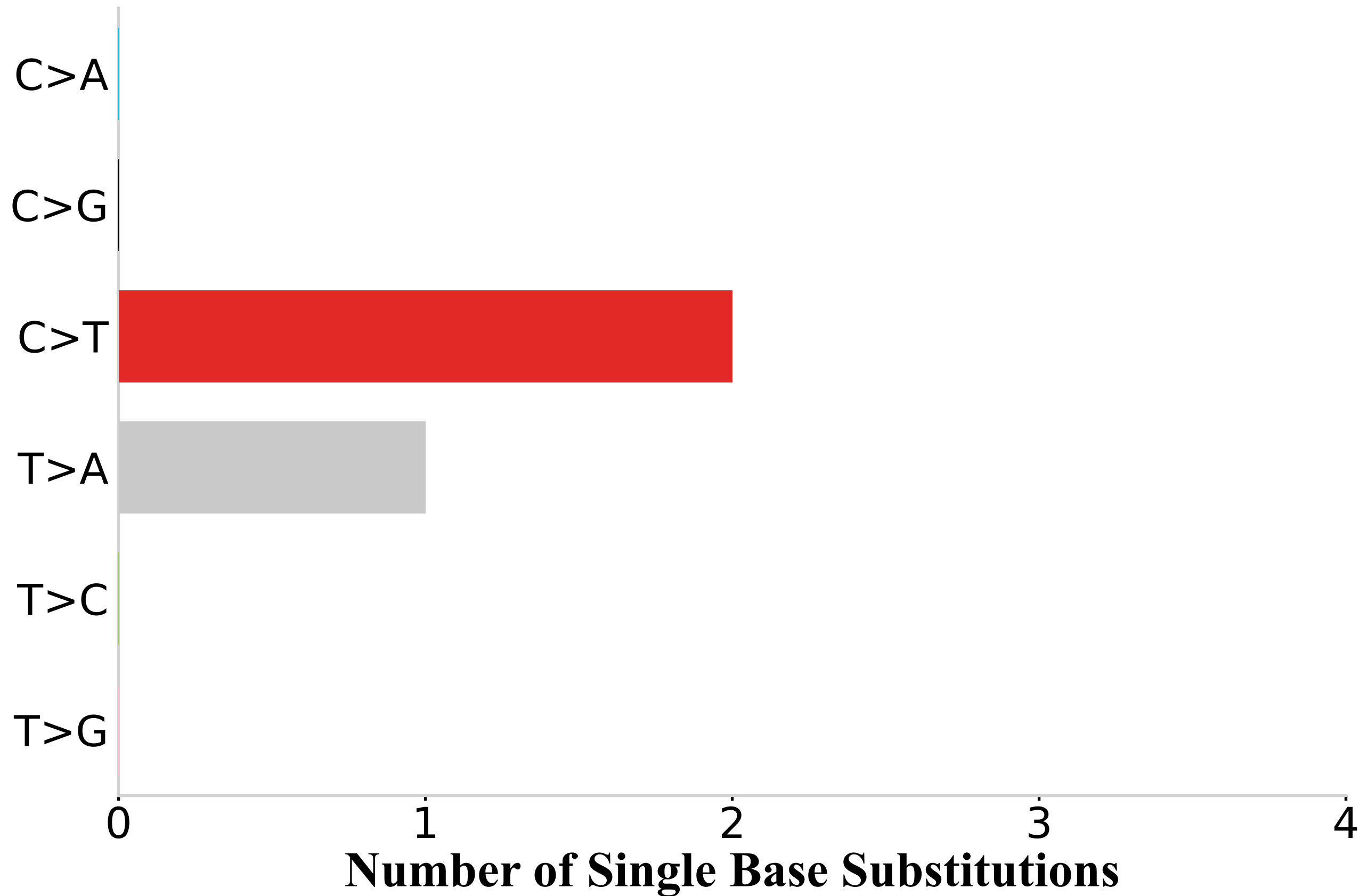
P-0031309-T02-IM6: 1 subs



P-0031889-T01-IM6: 3 subs



P-0032033-T01-IM6: 3 subs



P-0032208-T01-IM6: 0 subs

C>A

C>G

C>T

T>A

T>C

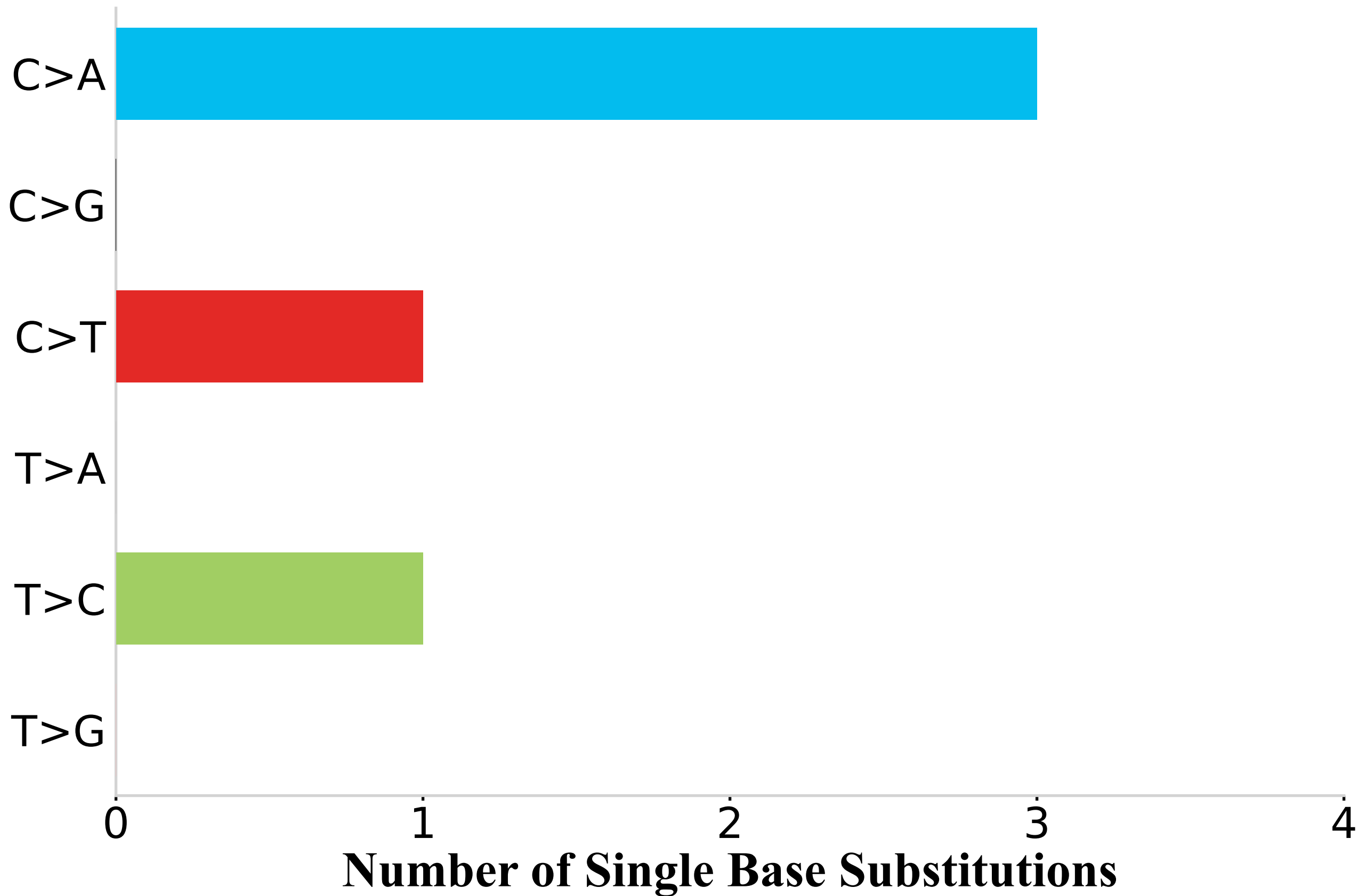
T>G



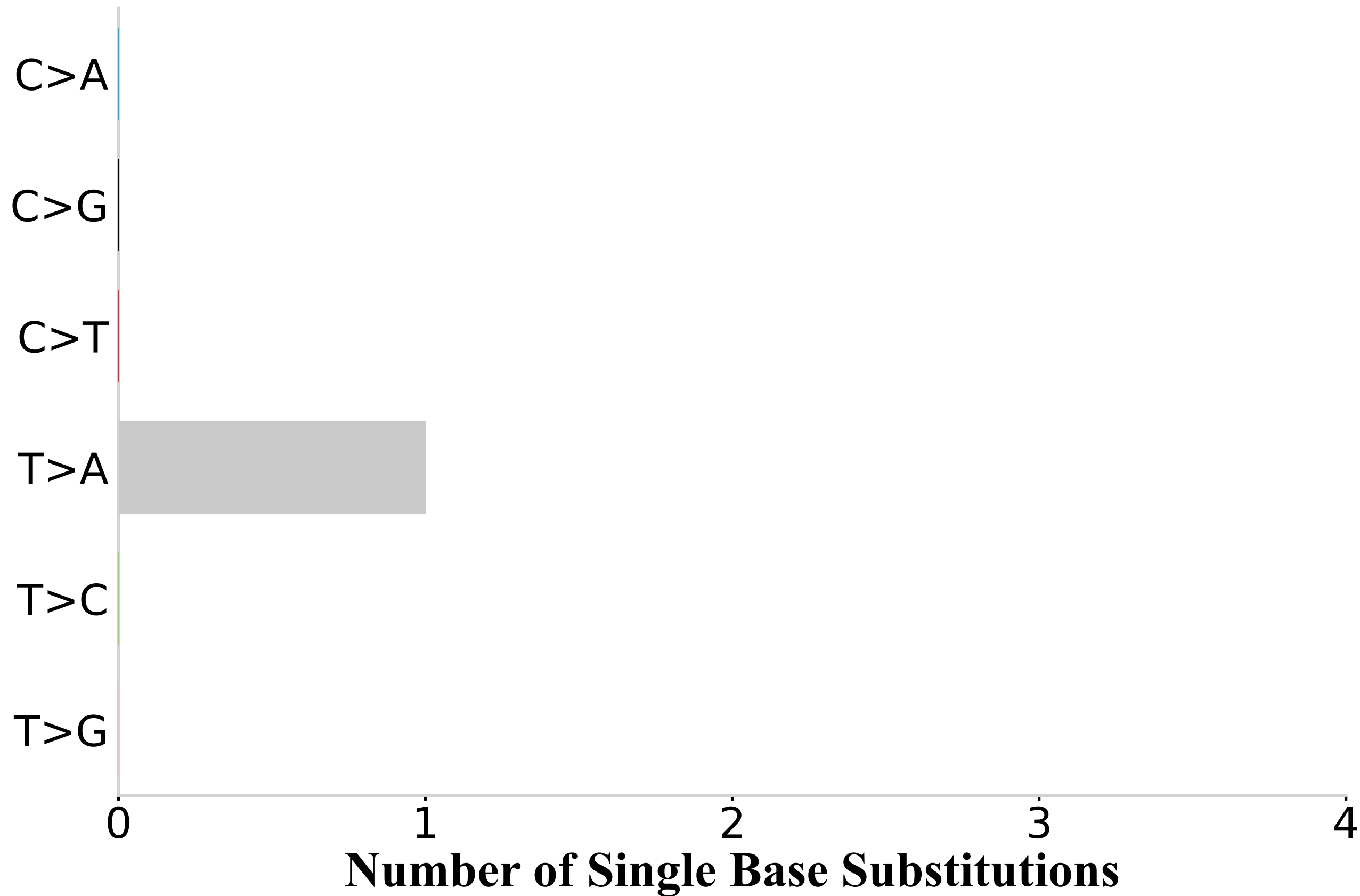
0

Number of Single Base Substitutions

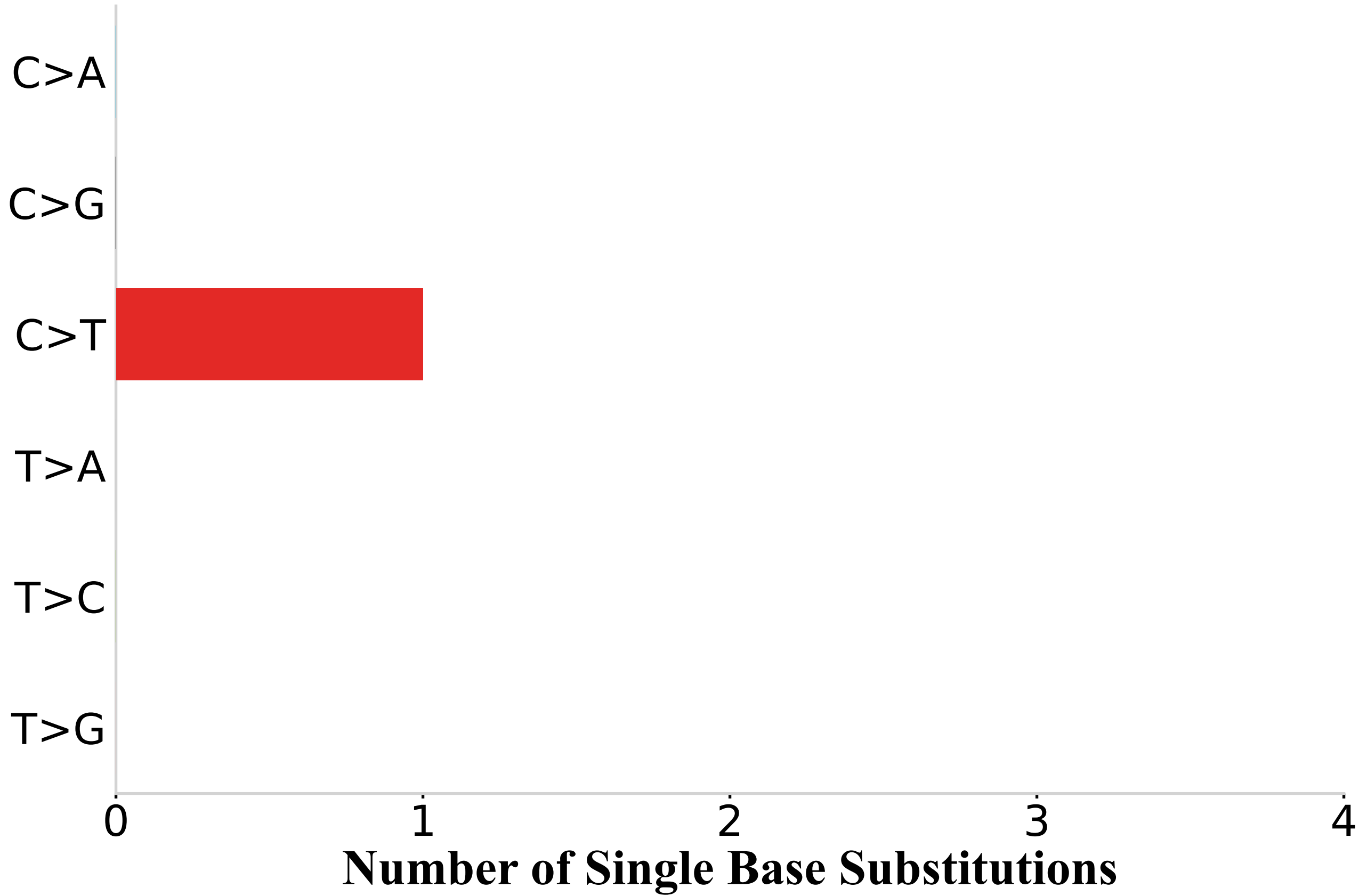
P-0032234-T01-IM6: 5 subs



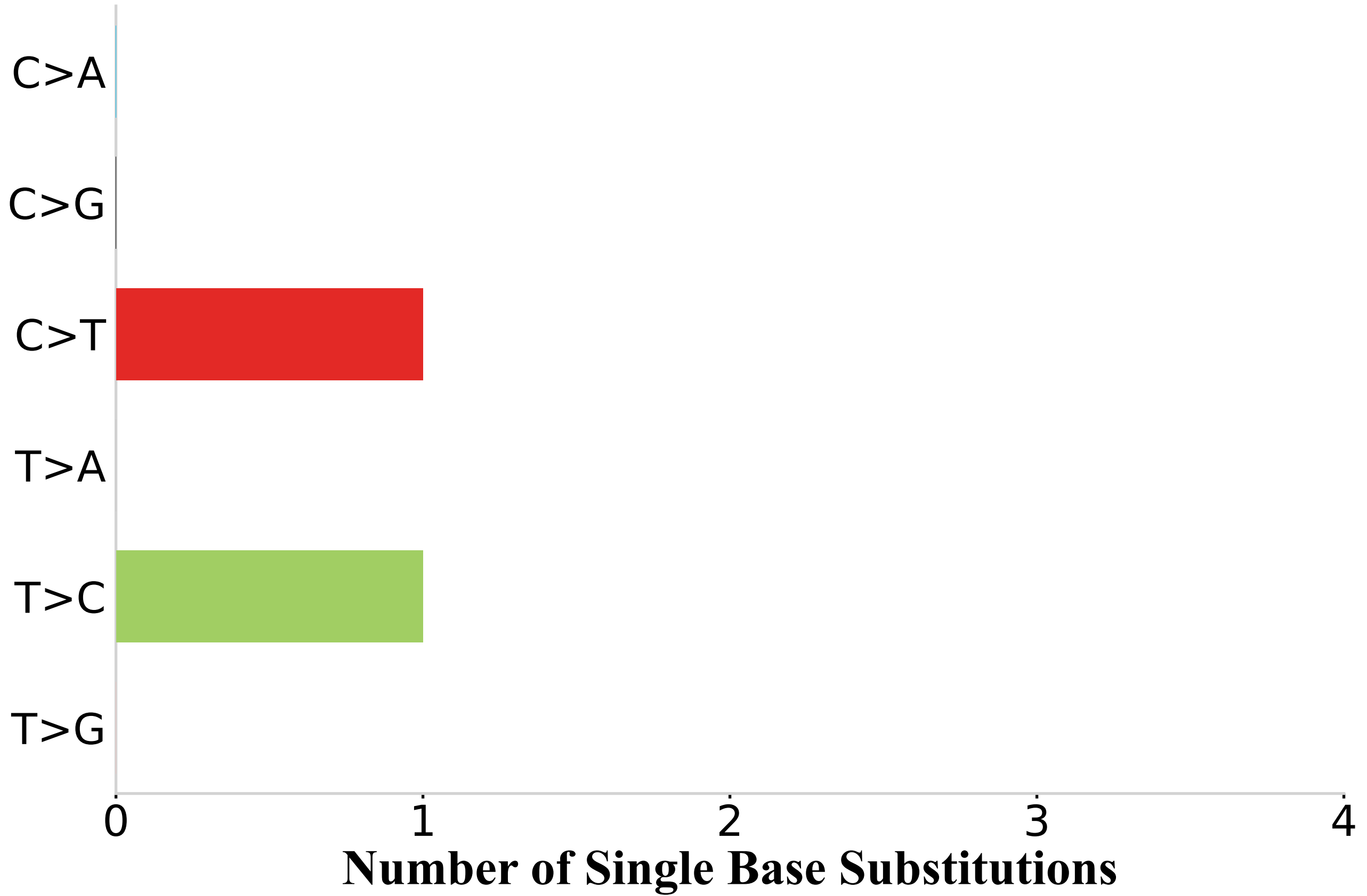
P-0032507-T01-IM6: 1 subs



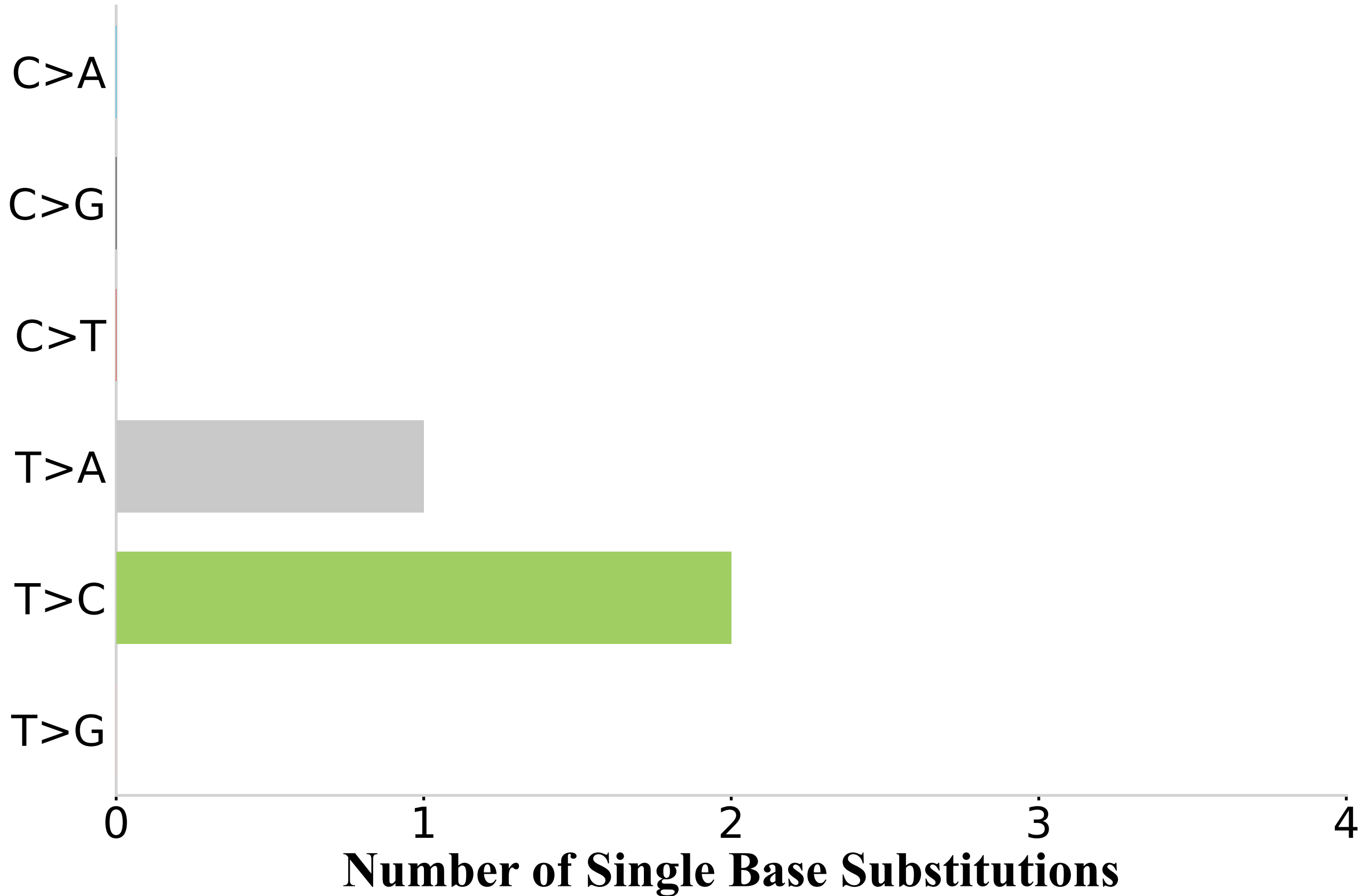
P-0032563-T01-IM6: 1 subs



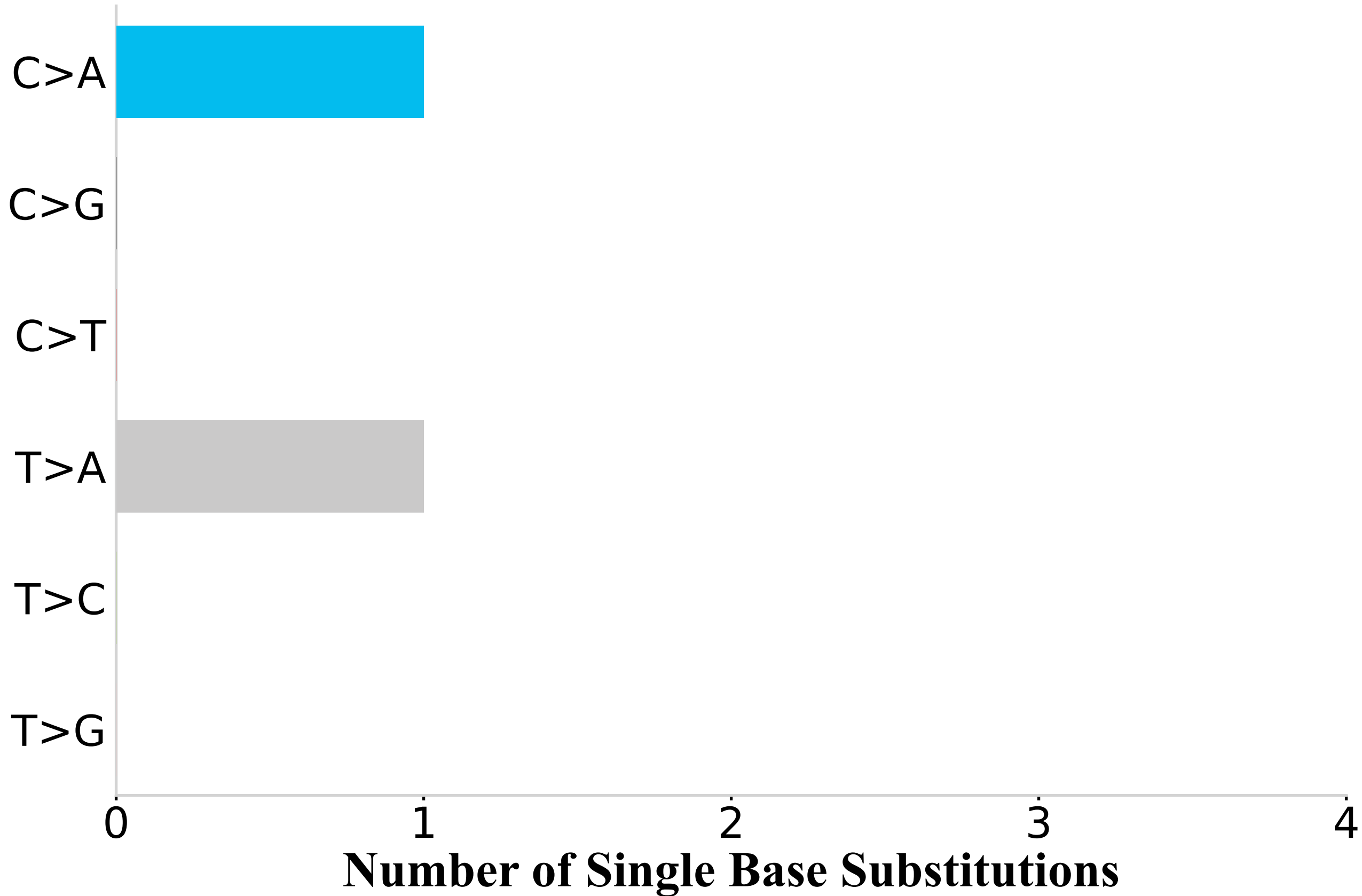
P-0032872-T01-IM6: 2 subs



P-0033098-T01-IM6: 3 subs



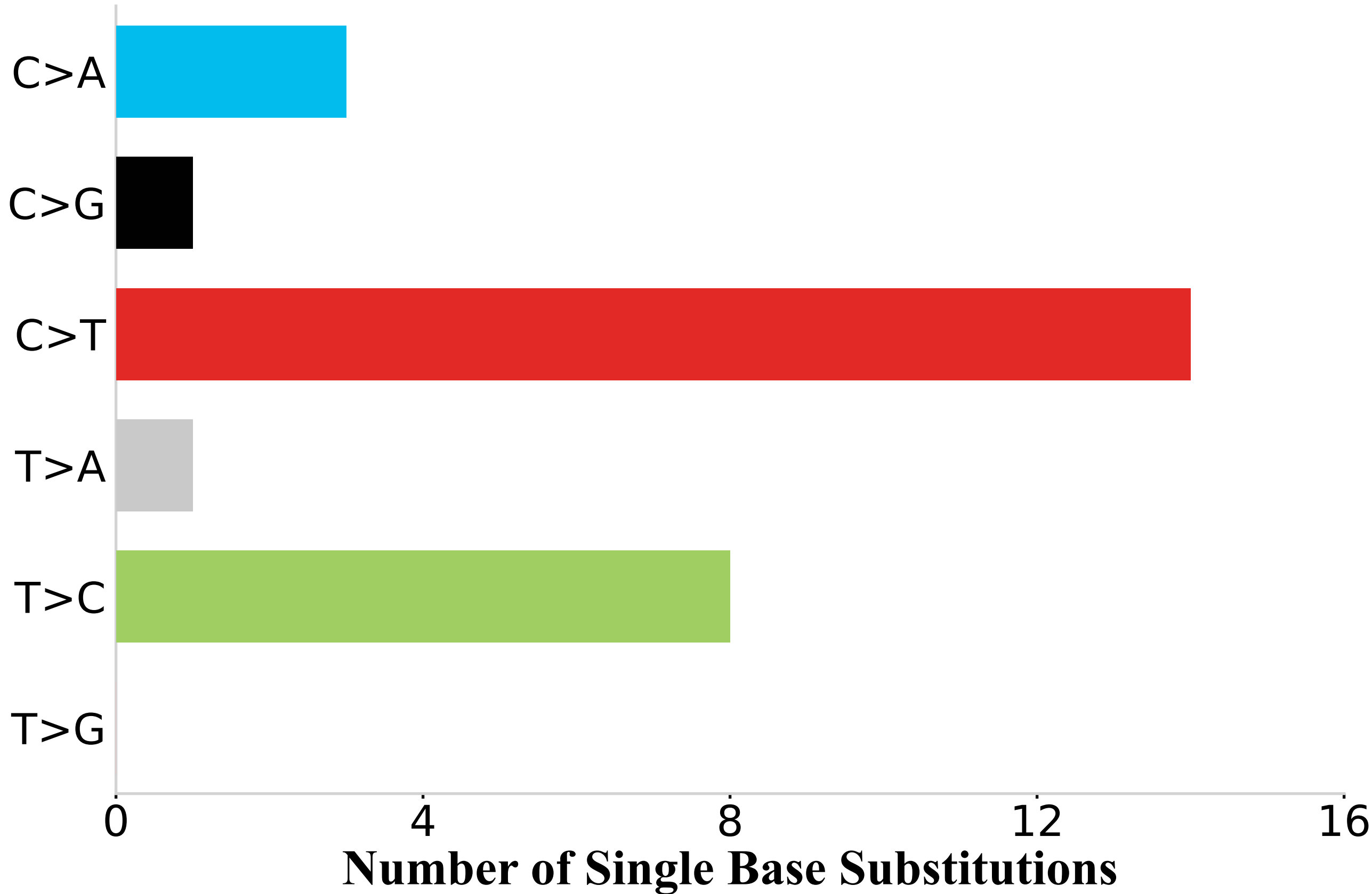
P-0033136-T01-IM6: 2 subs



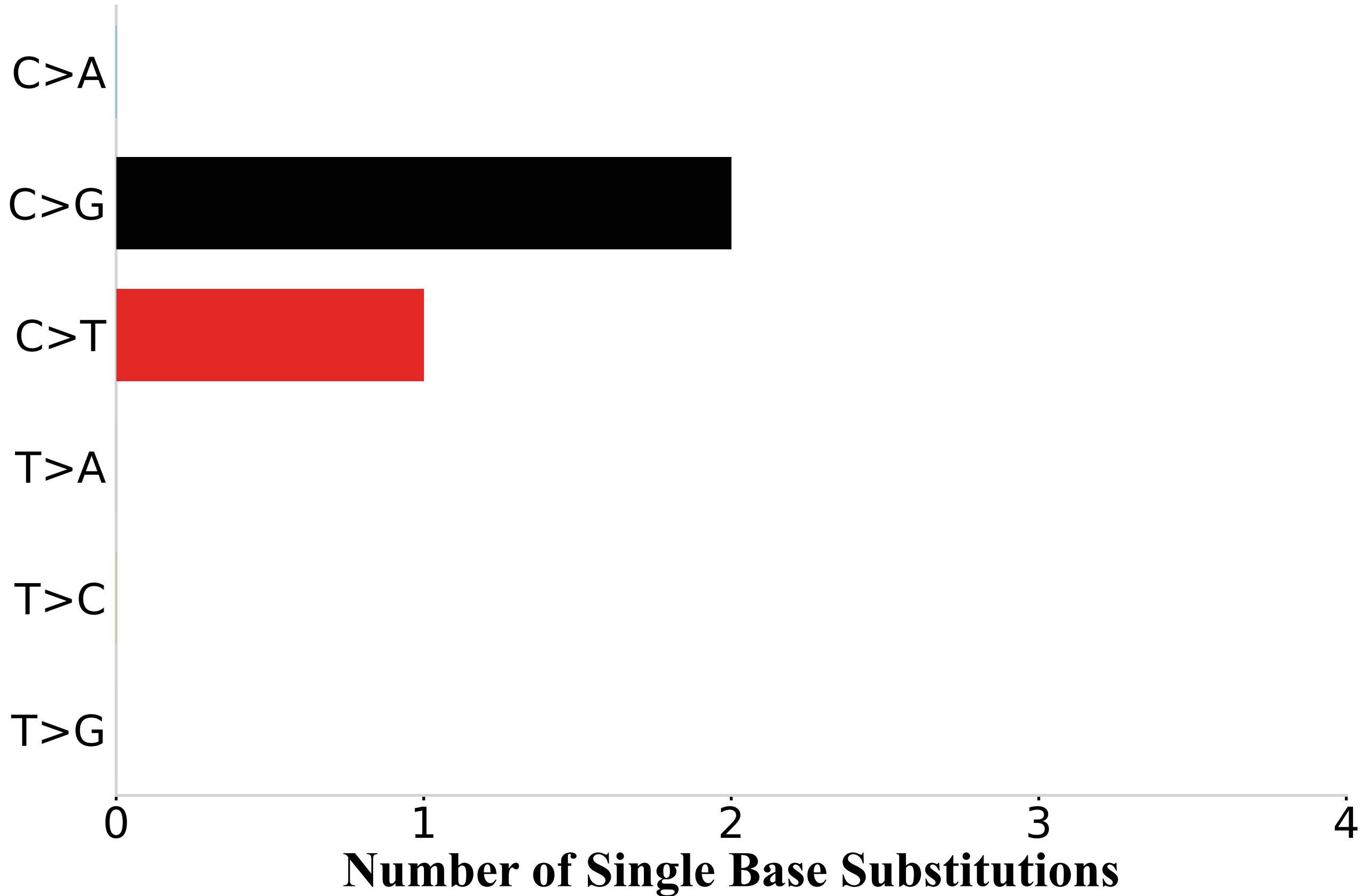
P-0033602-T01-IM6: 2 subs



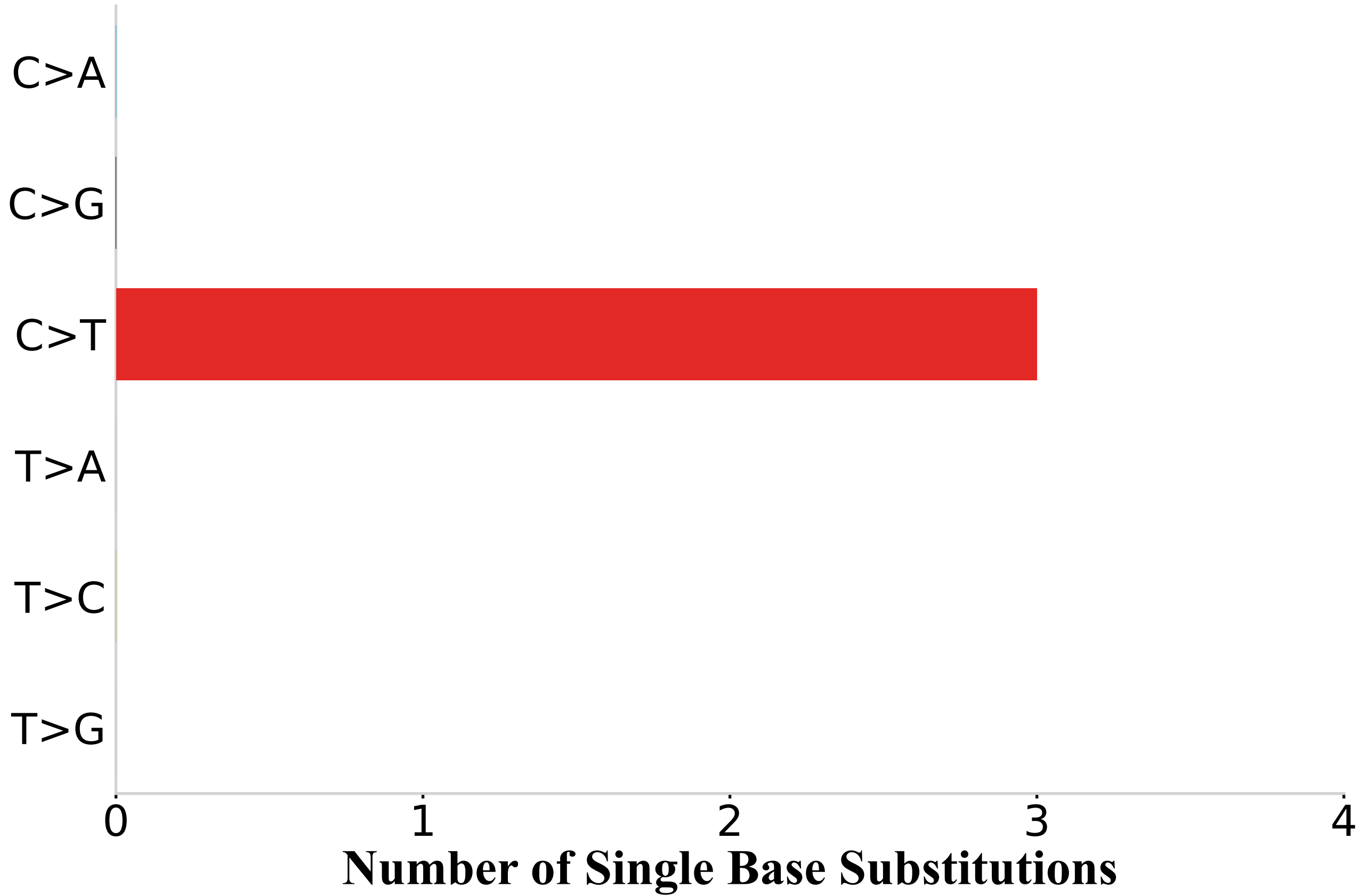
P-0033605-T01-IM6: 27 subs



P-0033769-T01-IM6: 3 subs



P-0034185-T01-IM6: 3 subs



P-0034399-T01-IM6: 0 subs

C>A

C>G

C>T

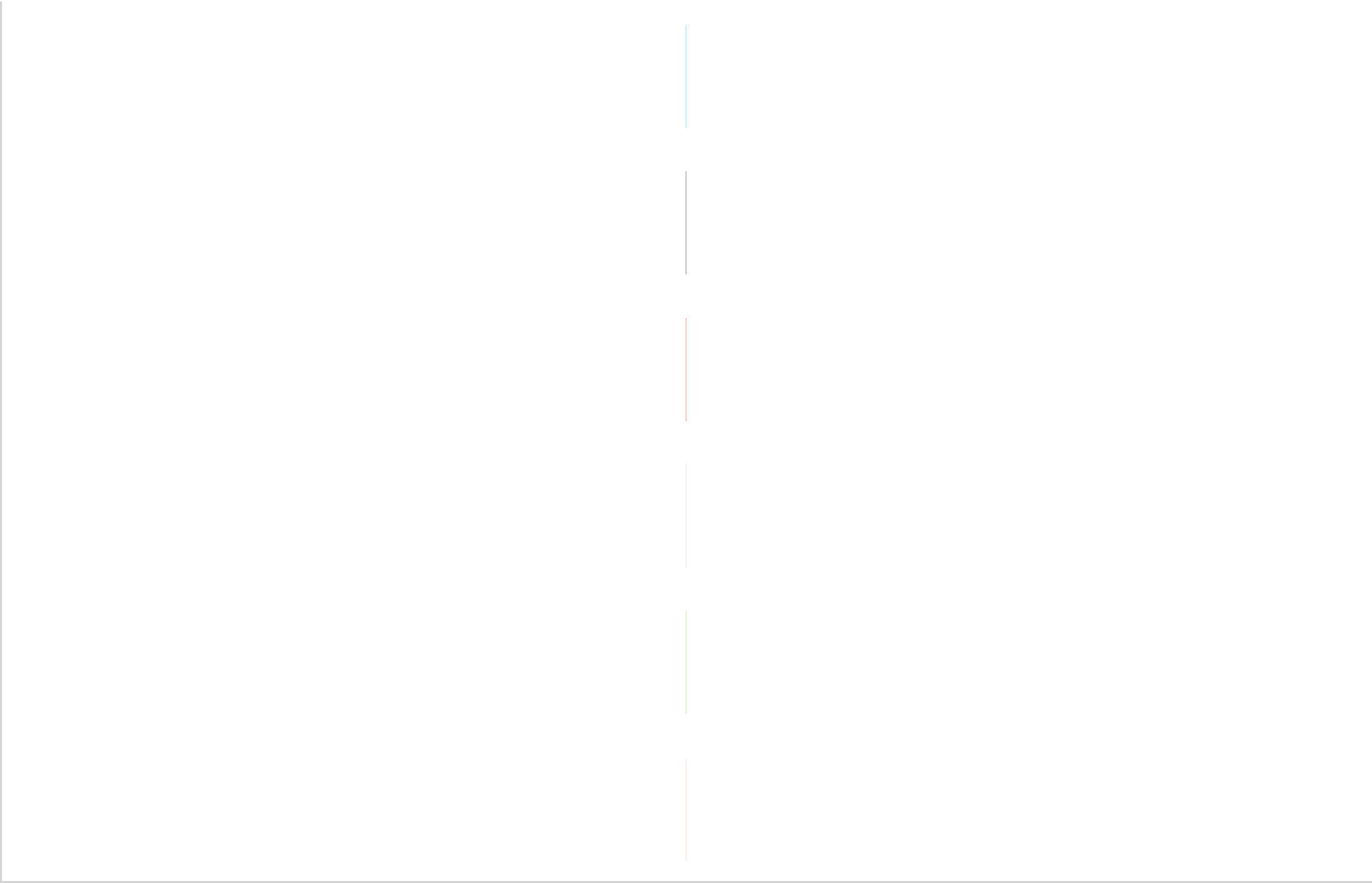
T>A

T>C

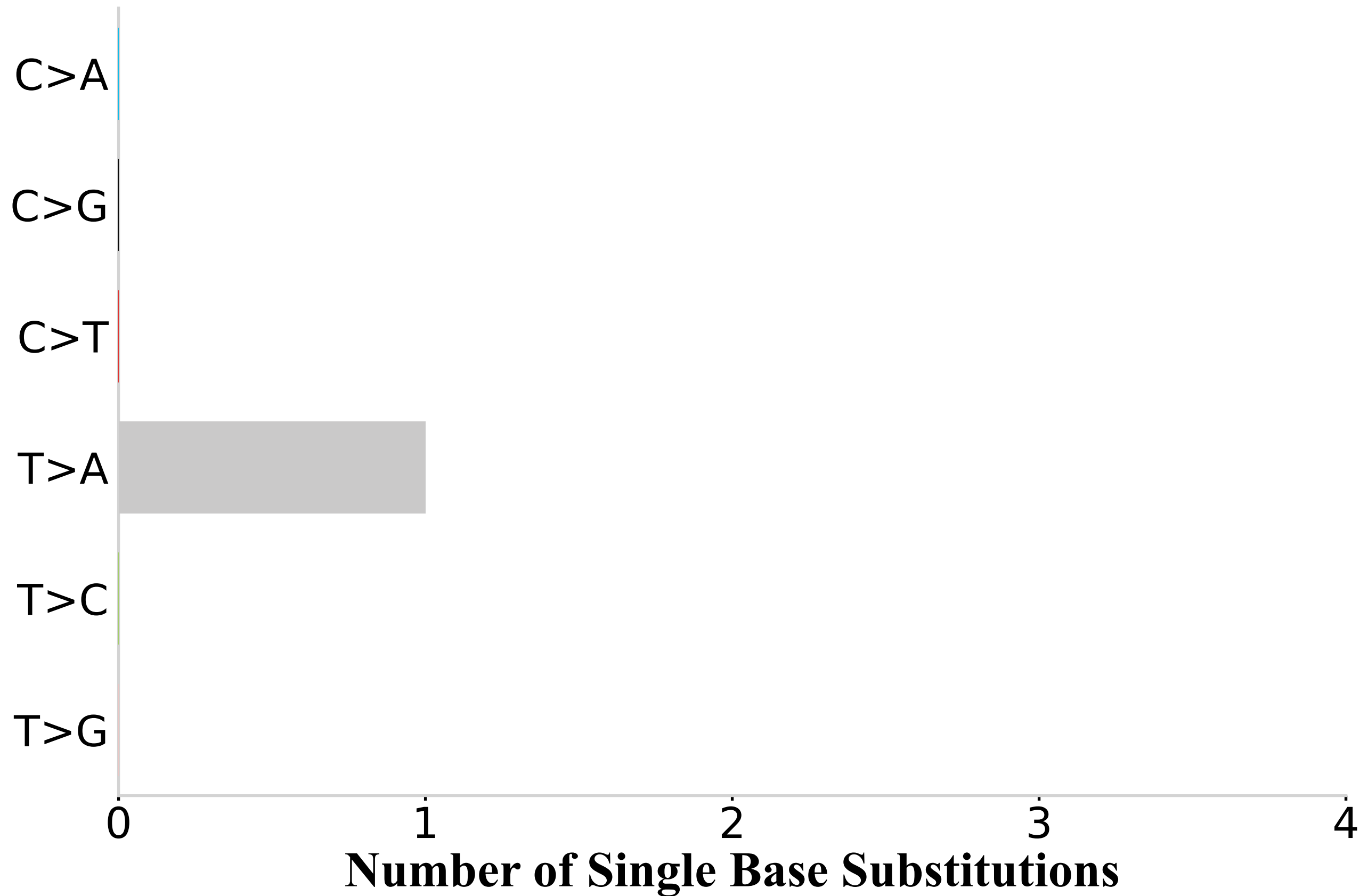
T>G

0

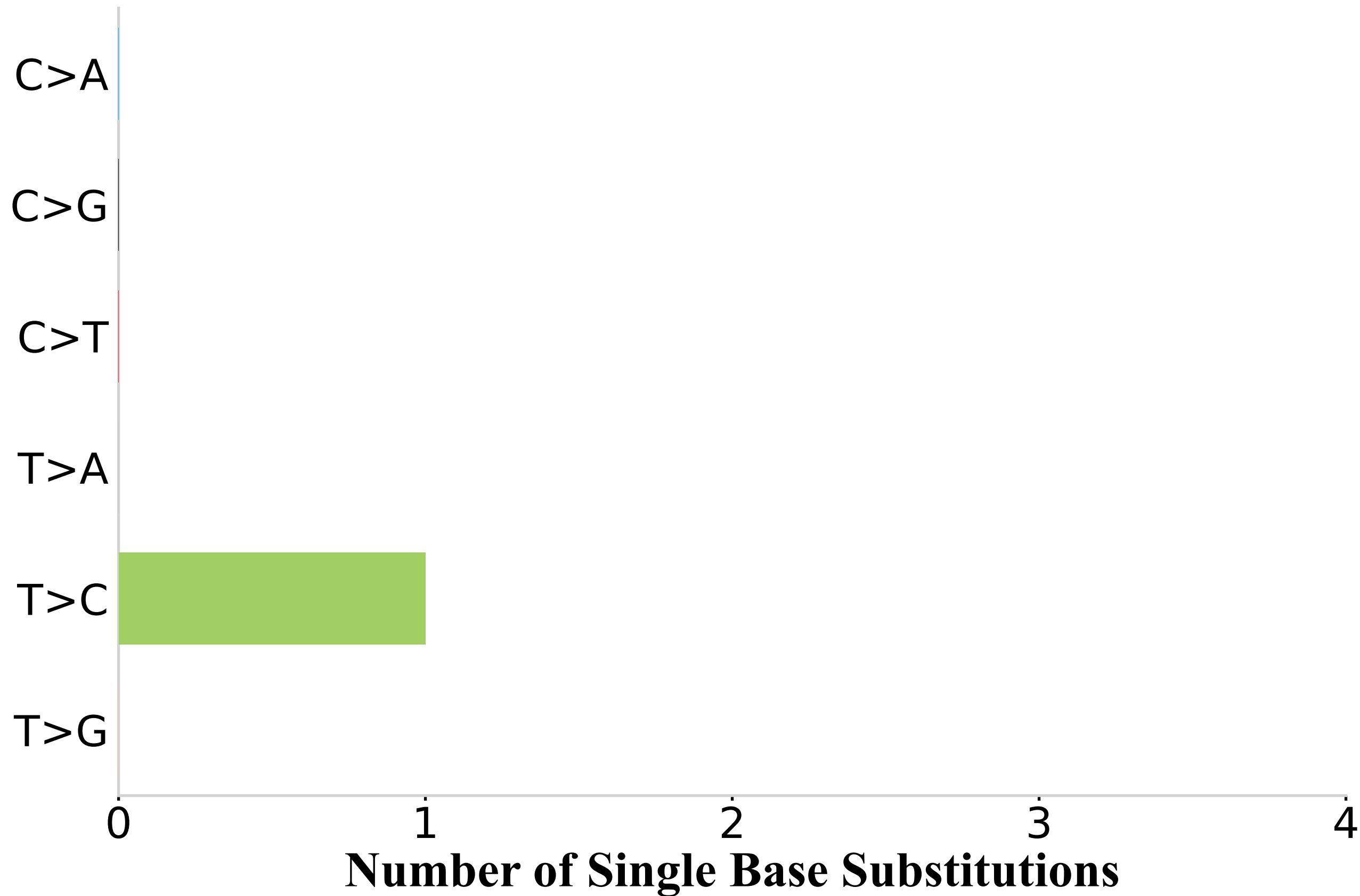
Number of Single Base Substitutions



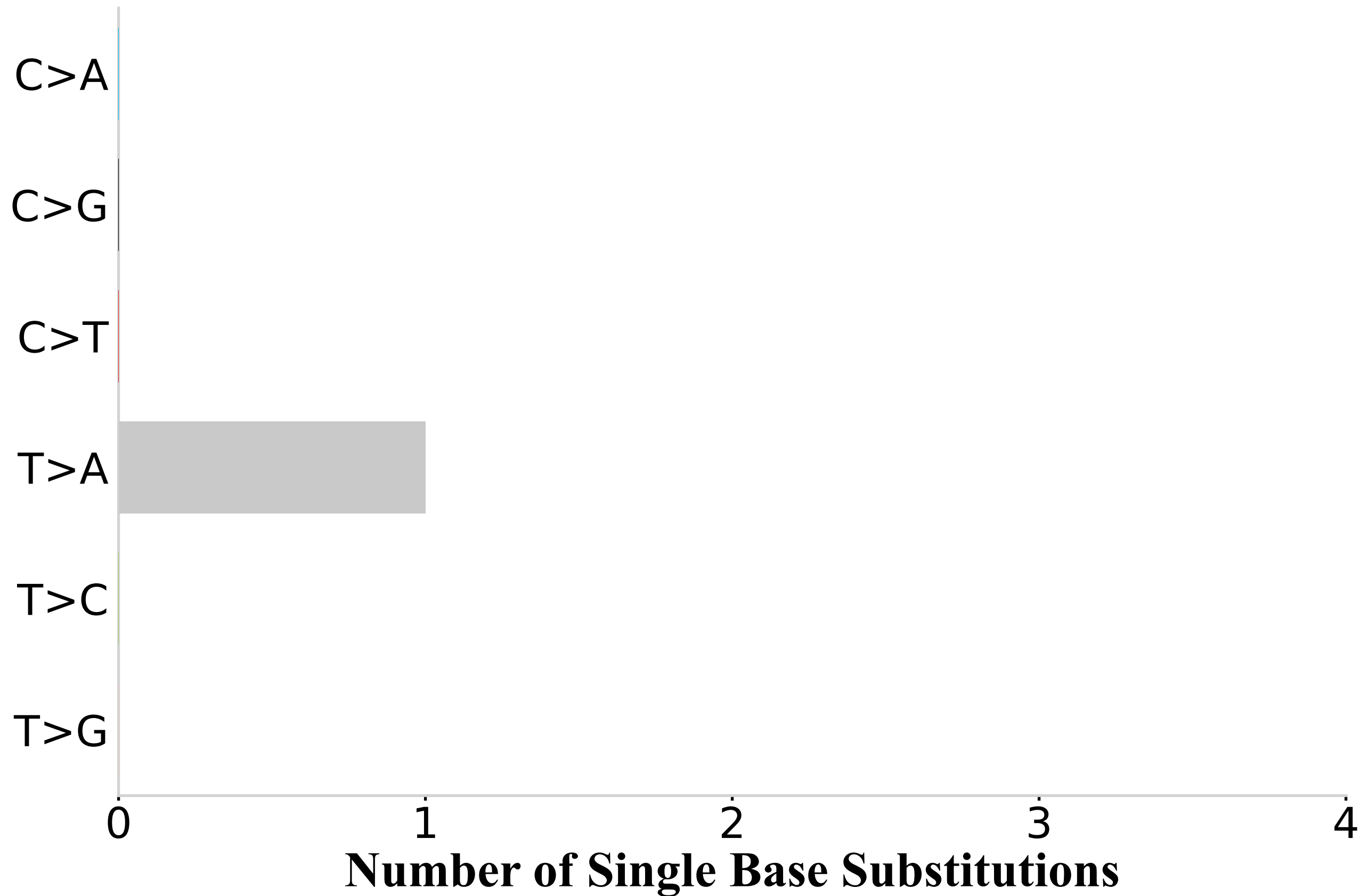
P-0034784-T01-IM6: 1 subs



P-0034901-T01-IM6: 1 subs



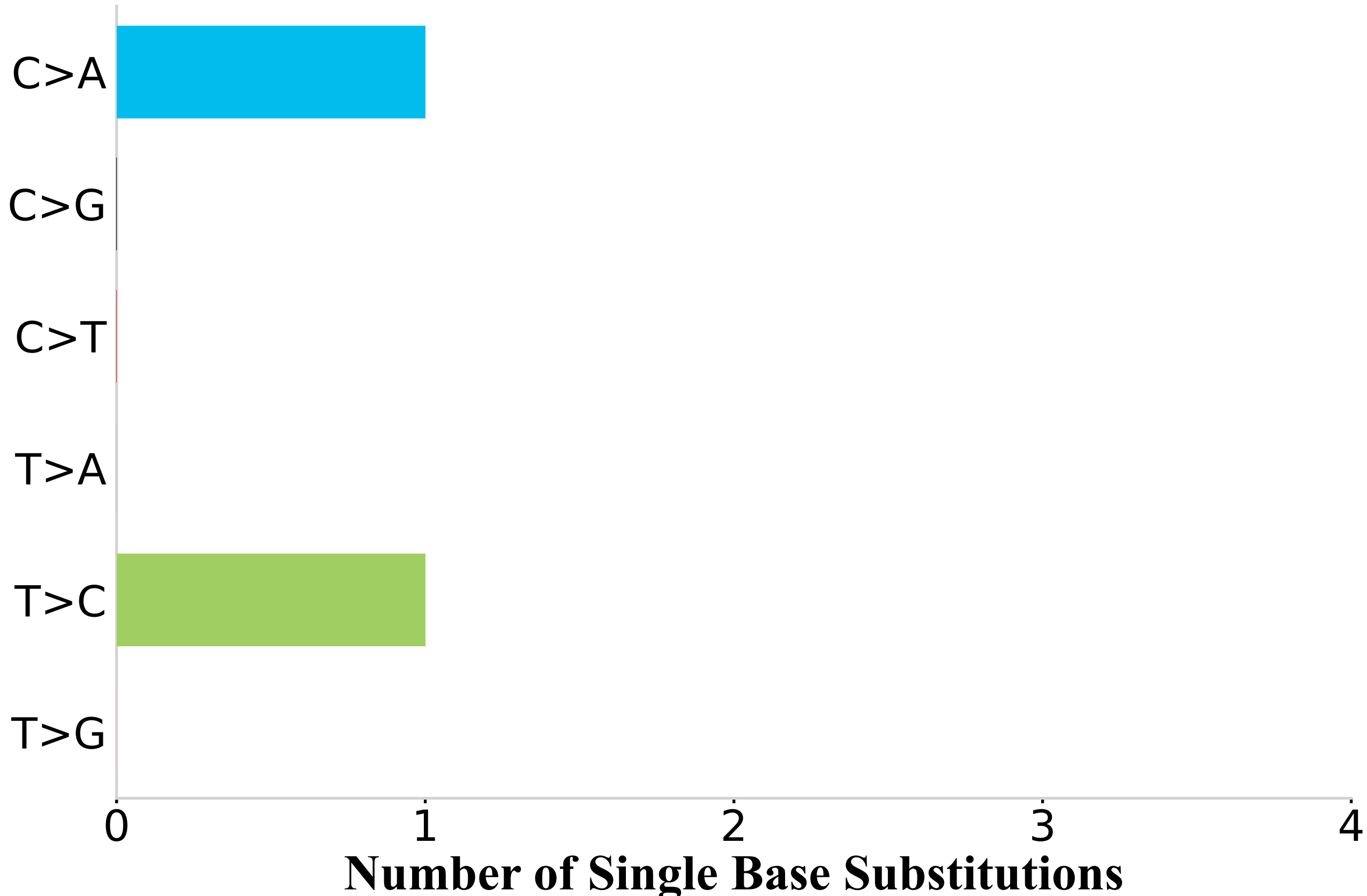
P-0034936-T01-IM6: 1 subs



P-0035035-T01-IM6: 2 subs



P-0035318-T01-IM6: 2 subs



P-0035868-T01-IM6: 0 subs

C>A

C>G

C>T

T>A

T>C

T>G

0

Number of Single Base Substitutions



P-0036277-T01-IM6: 0 subs

C>A

C>G

C>T

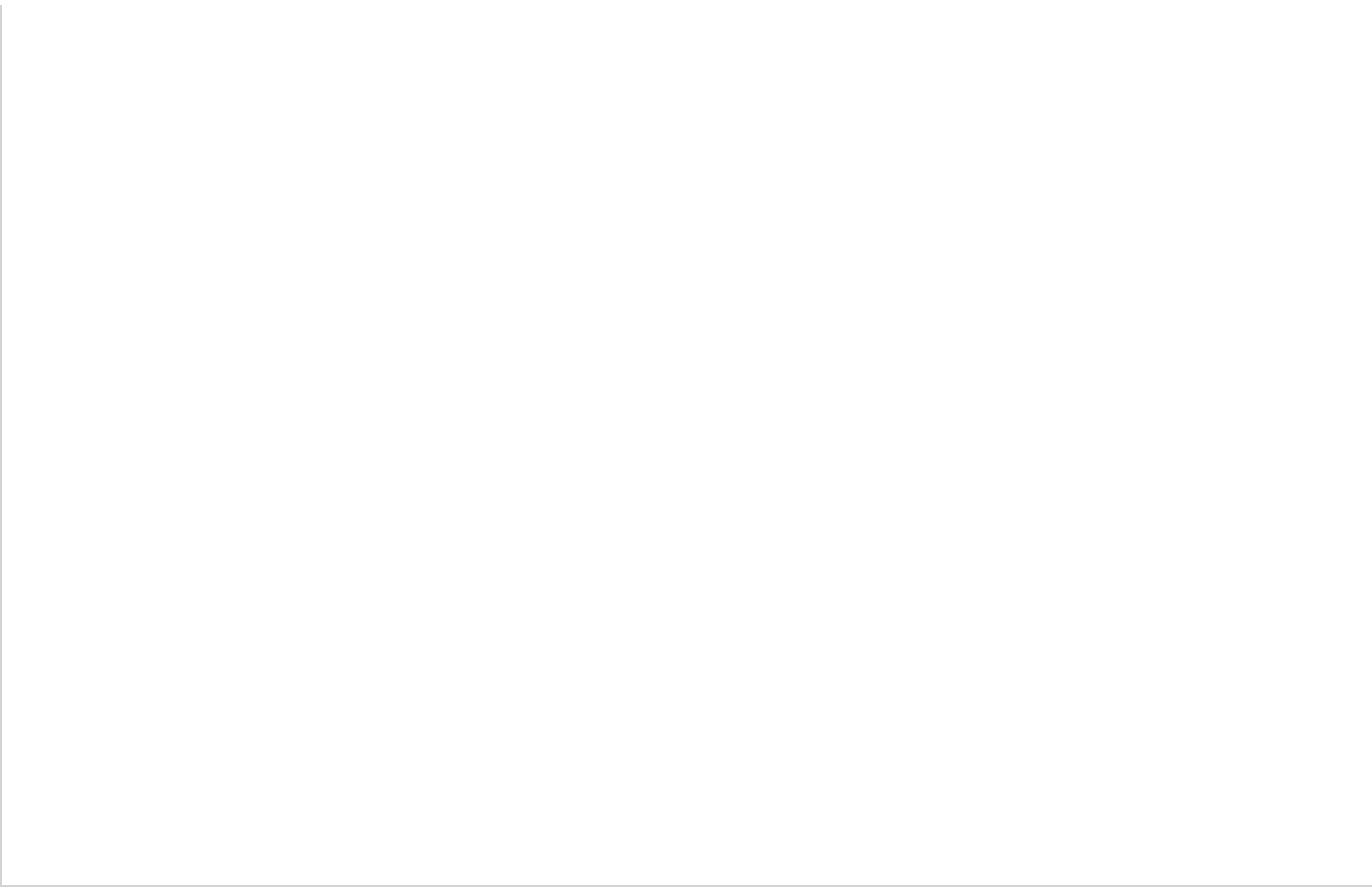
T>A

T>C

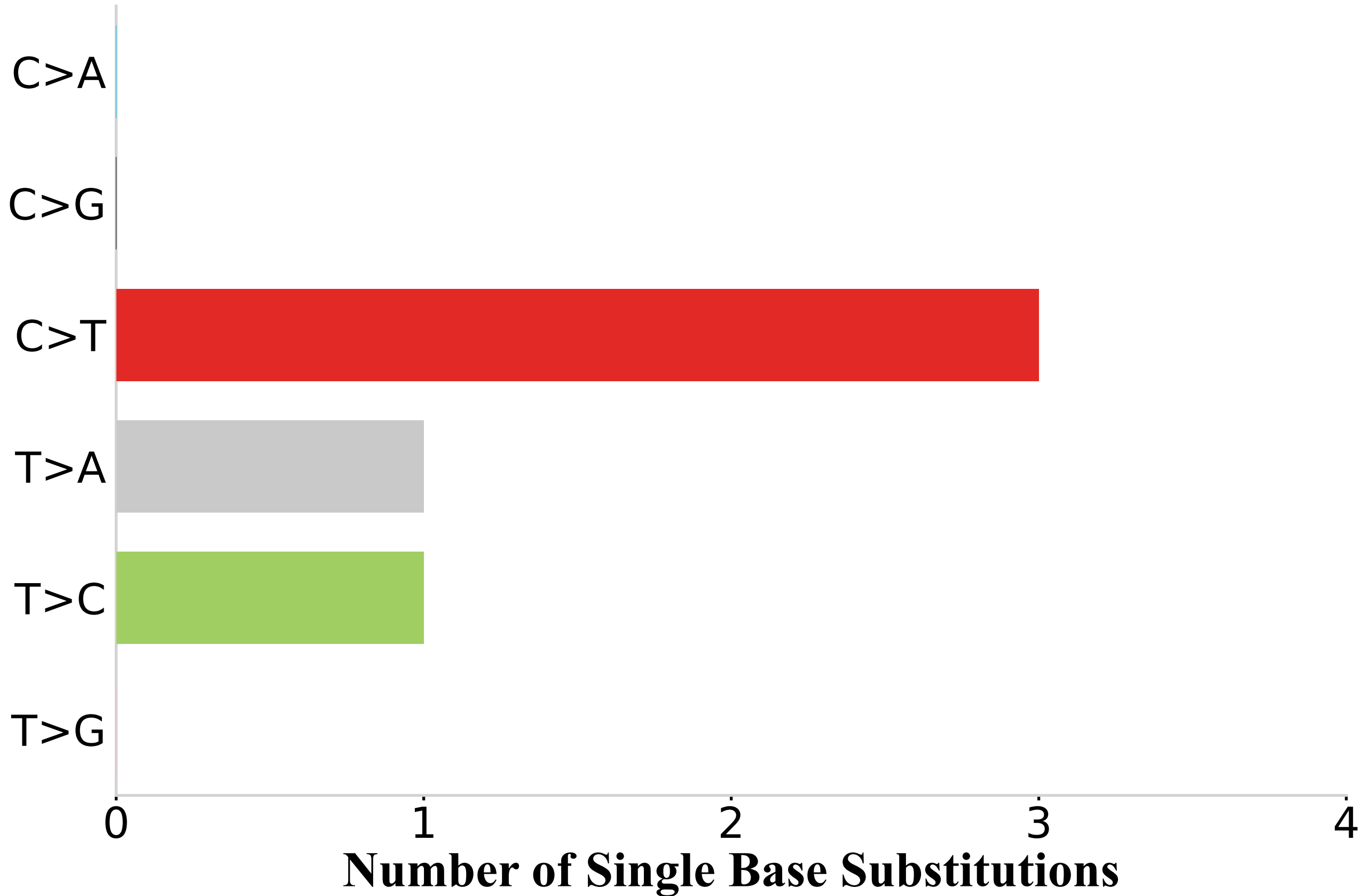
T>G

0

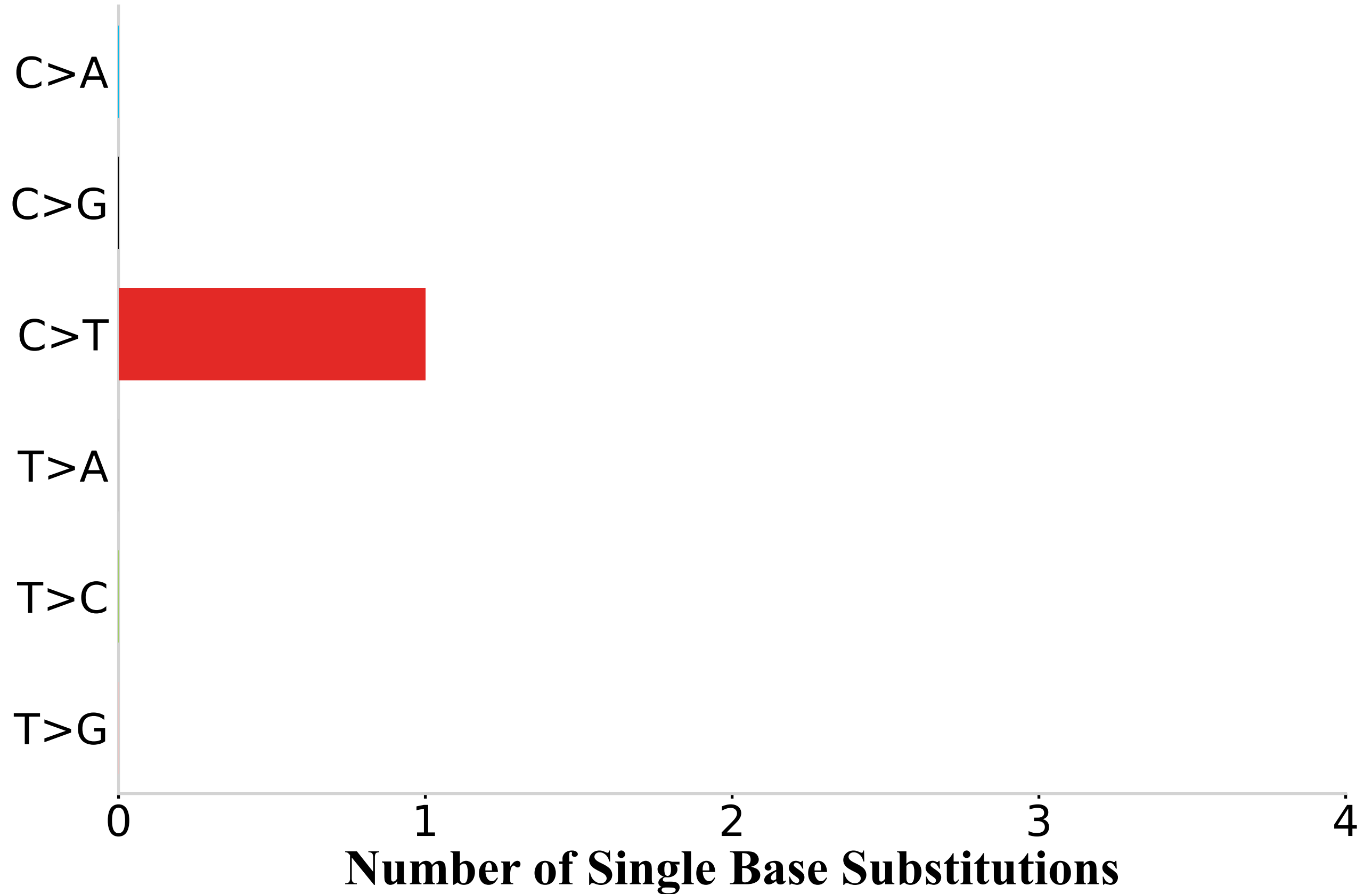
Number of Single Base Substitutions



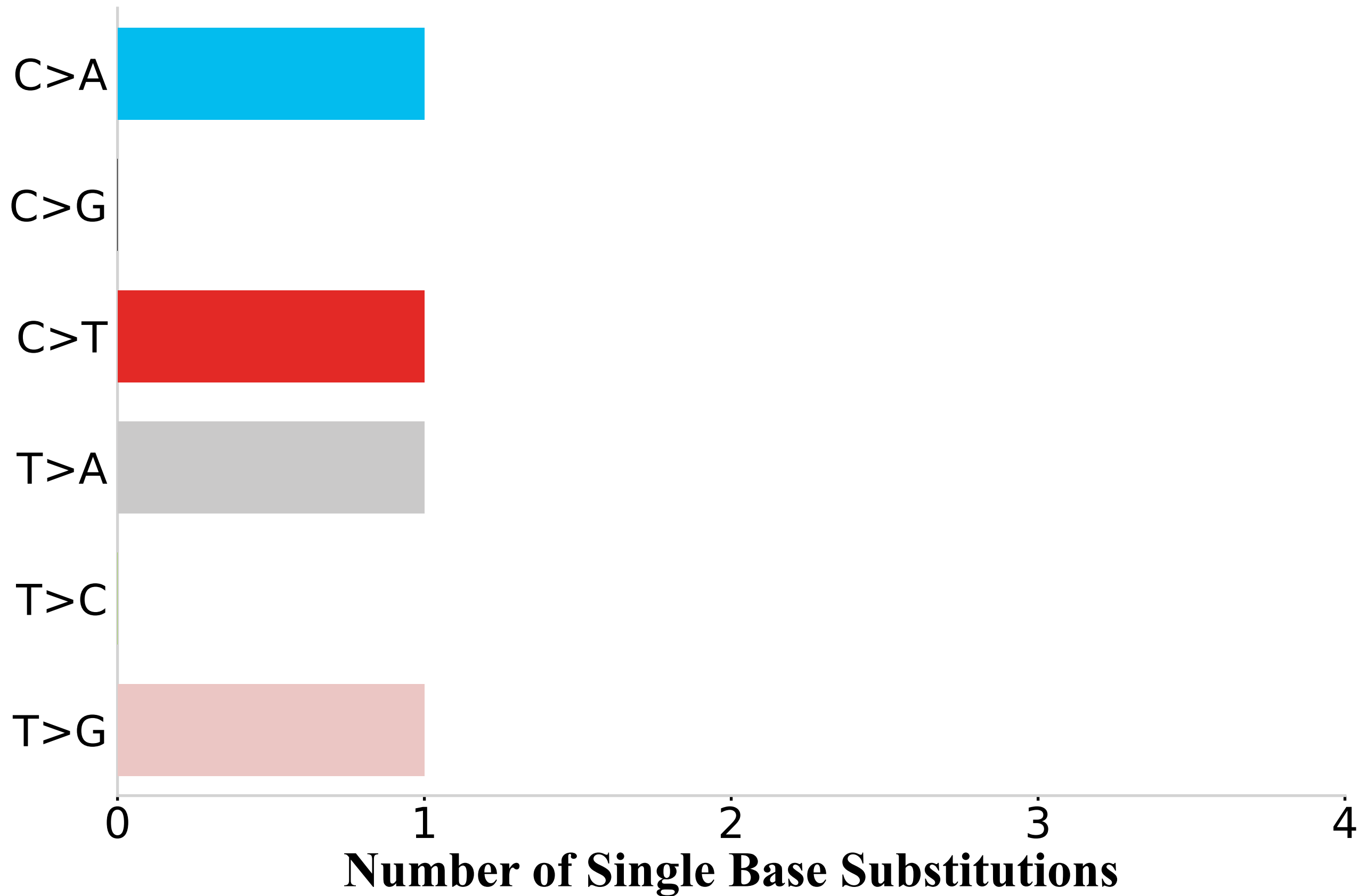
P-0036358-T01-IM6: 5 subs



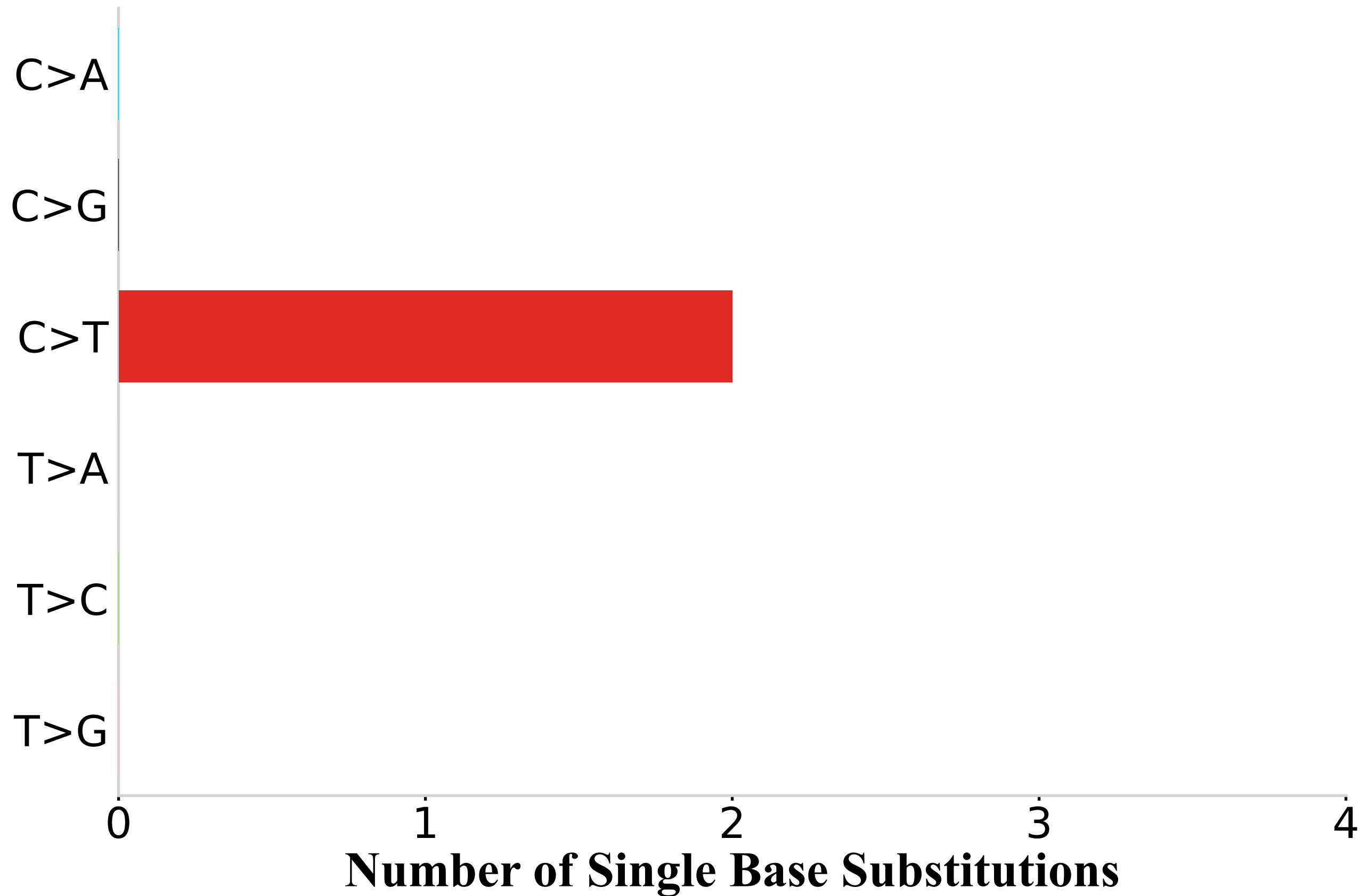
P-0036674-T01-IM6: 1 subs



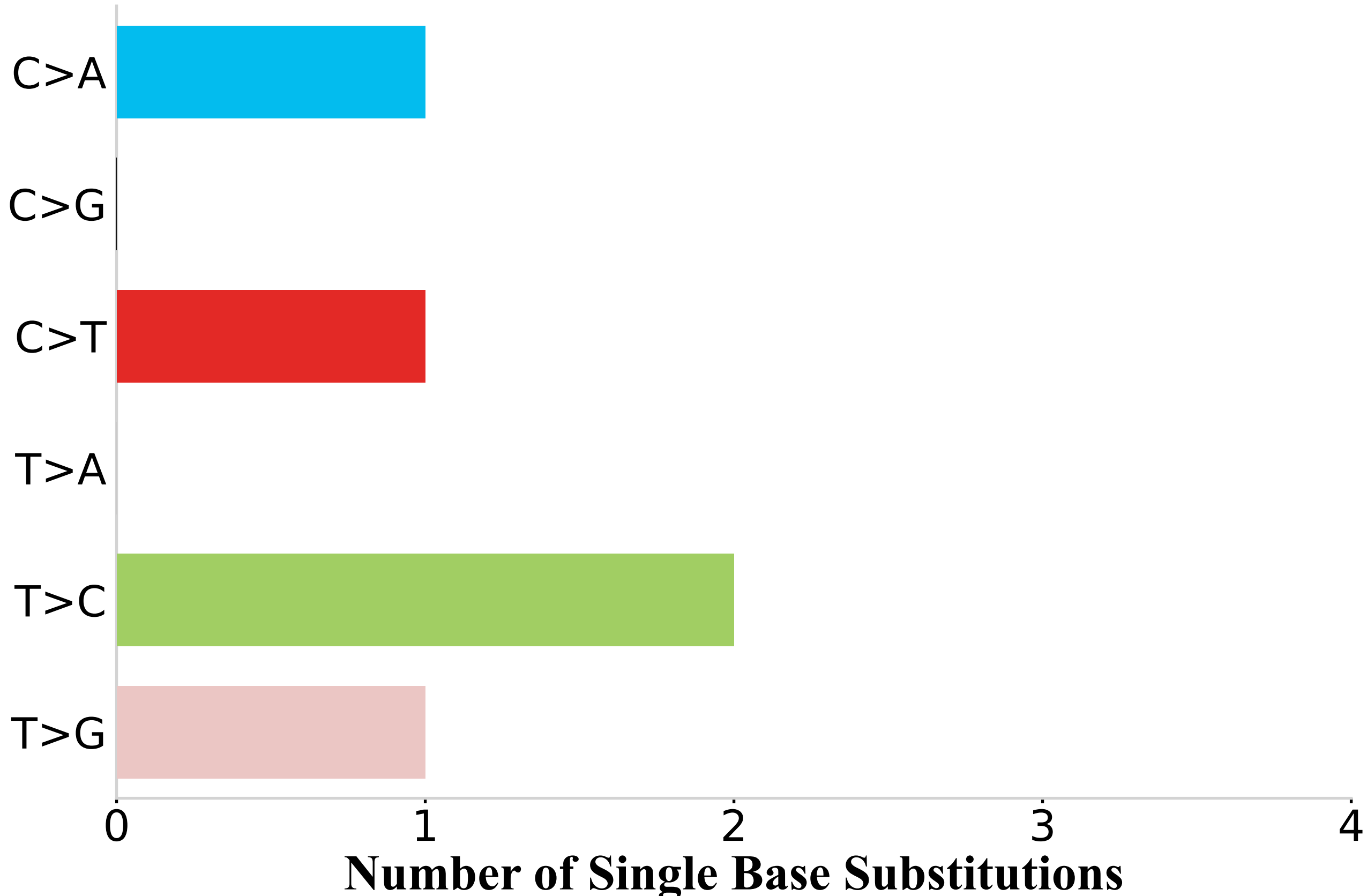
P-0036910-T01-IM6: 4 subs



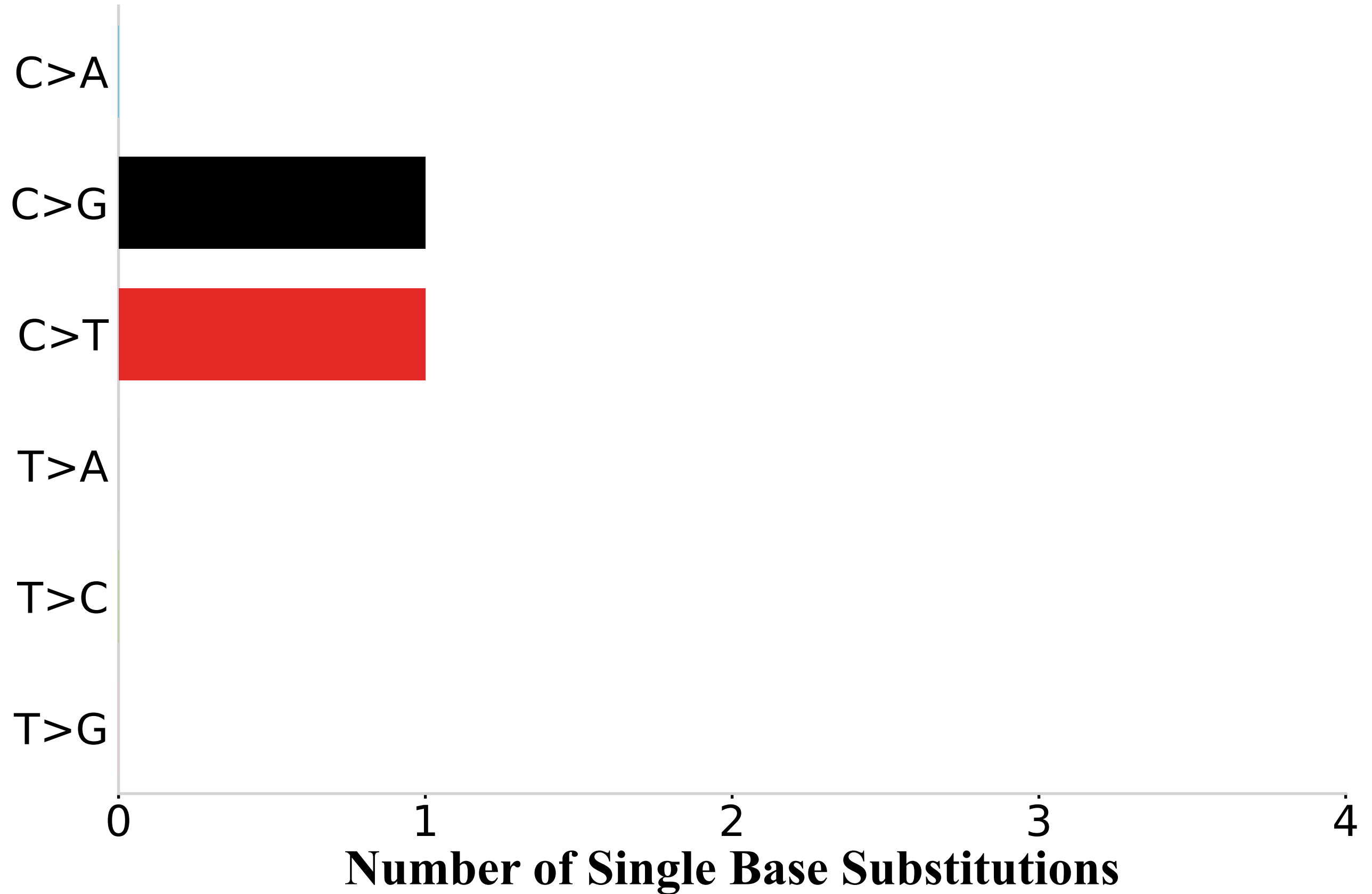
P-0036922-T01-IM6: 2 subs



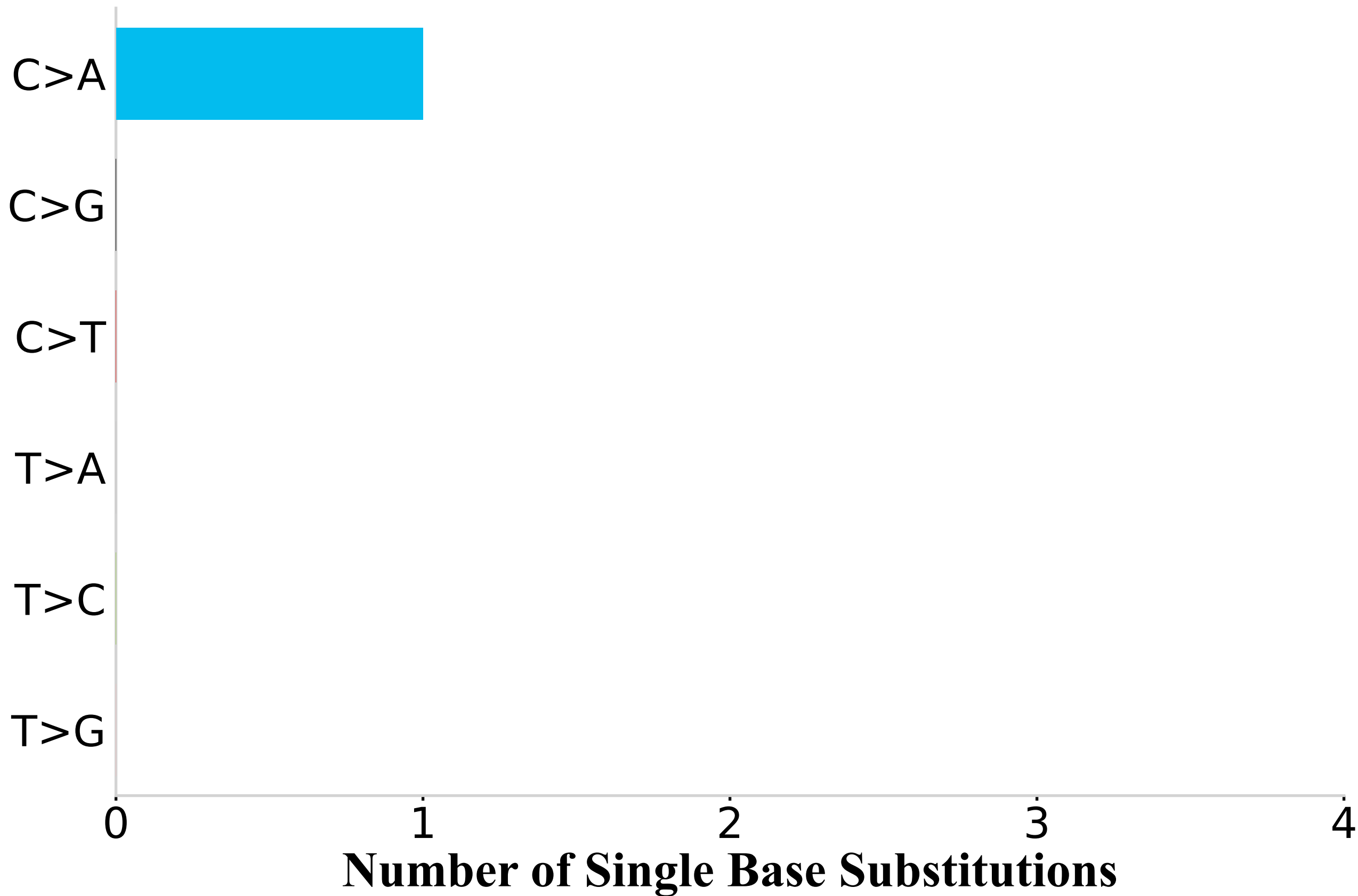
P-0036980-T01-IM6: 5 subs



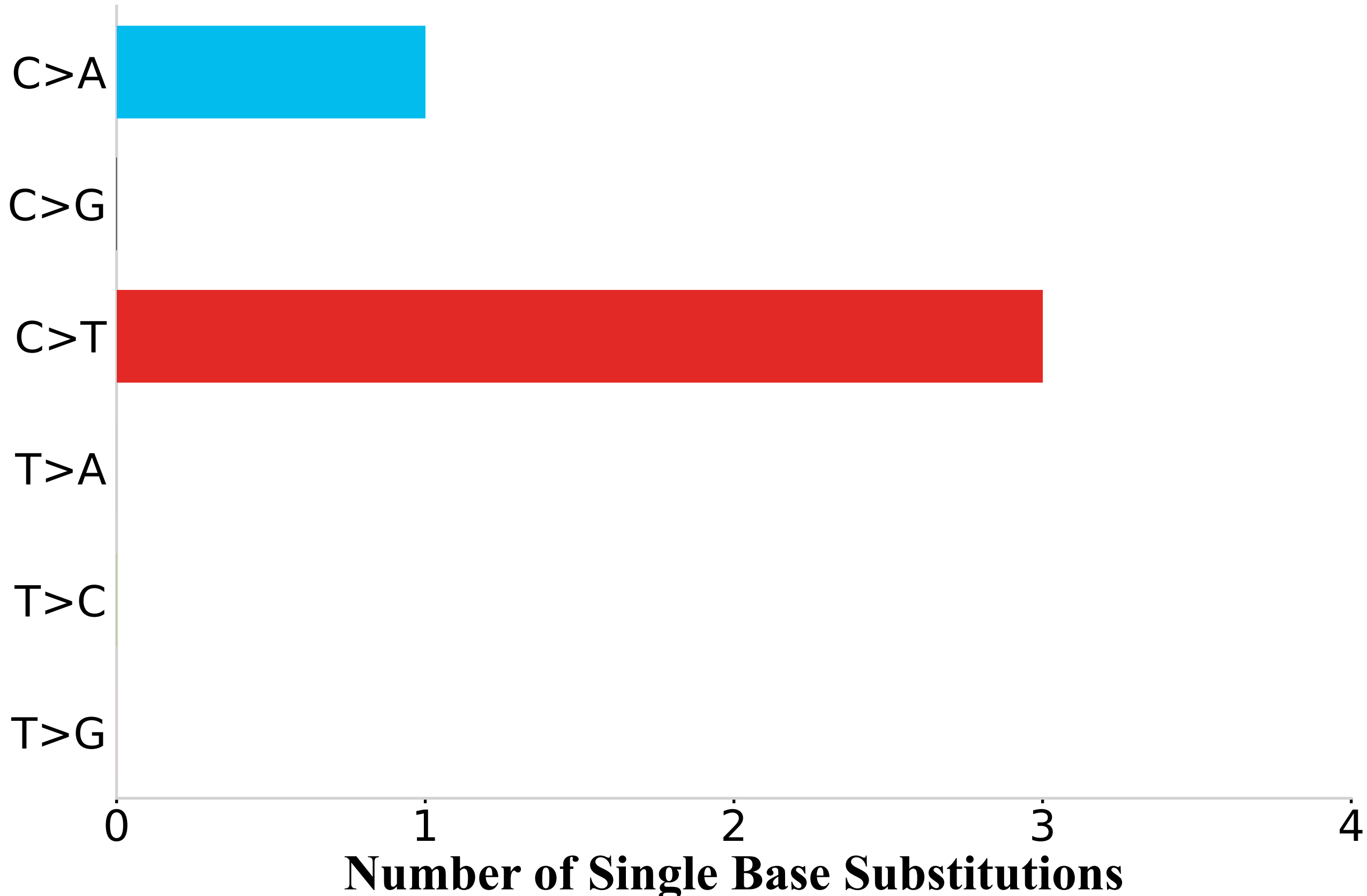
P-0037065-T01-IM6: 2 subs



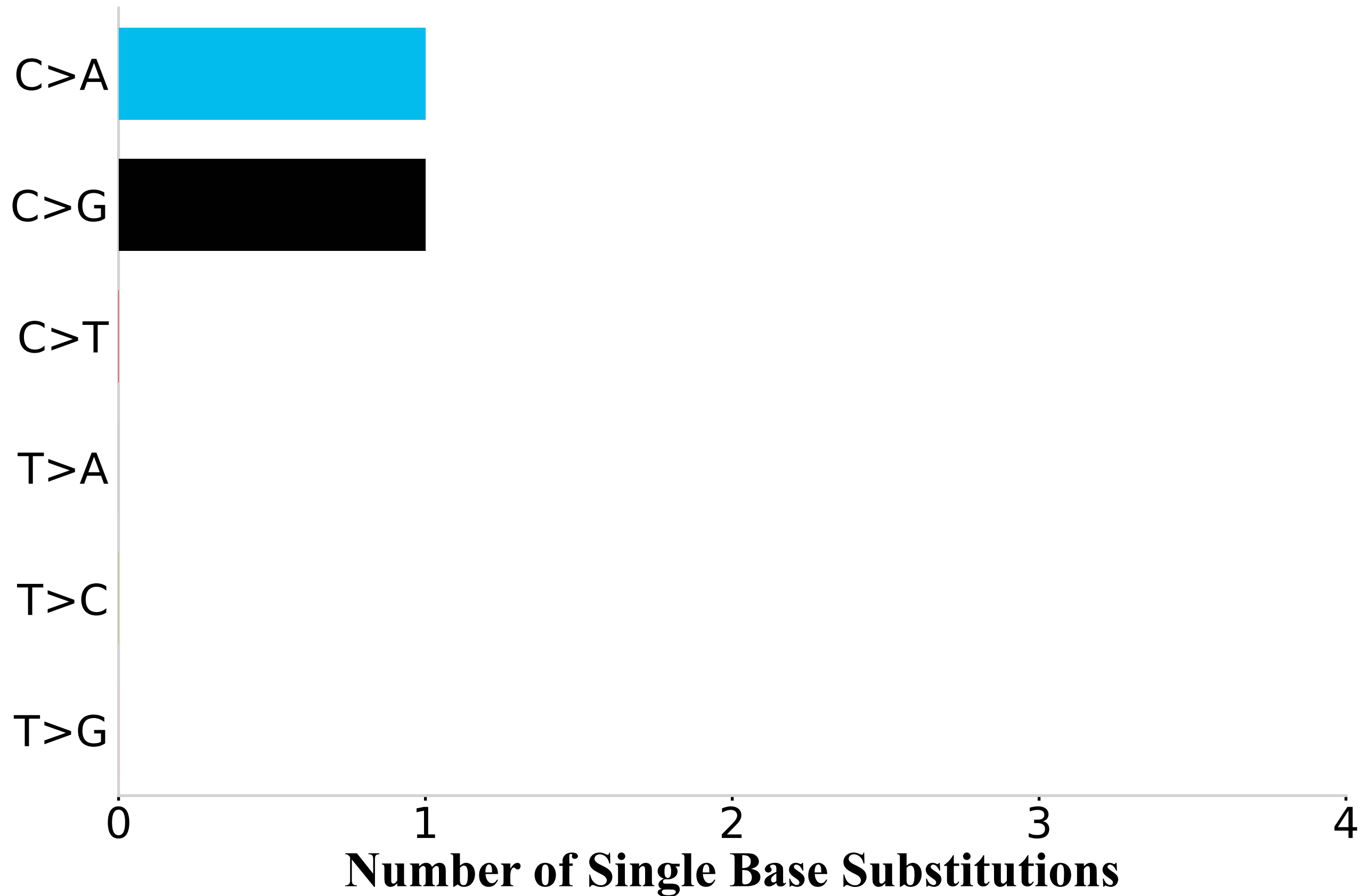
P-0037237-T01-IM6: 1 subs



P-0037304-T01-IM6: 4 subs



P-0037617-T01-IM6: 2 subs



P-0037787-T01-IM6: 2 subs

C>A

C>G

C>T

T>A

T>C

T>G

0

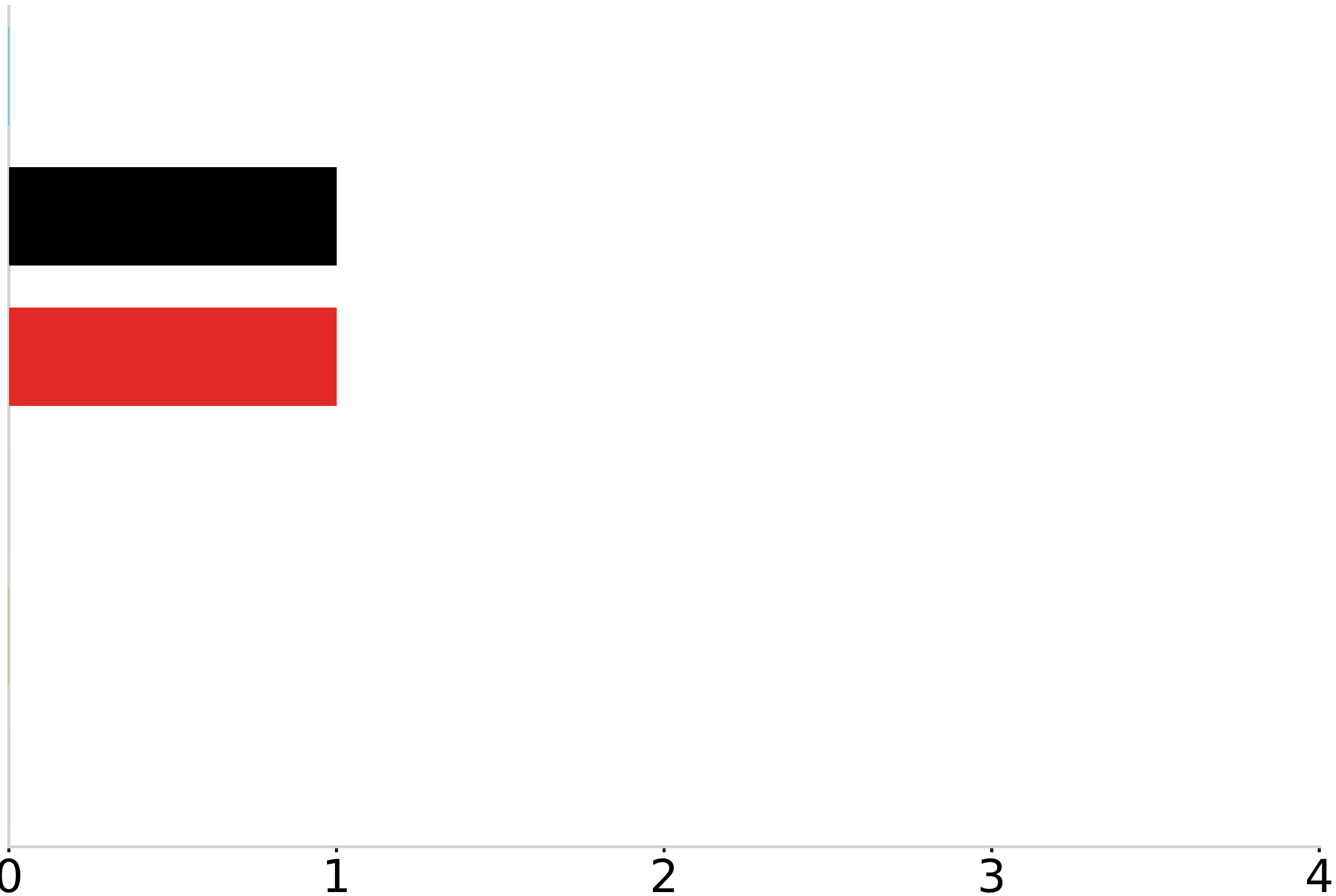
1

2

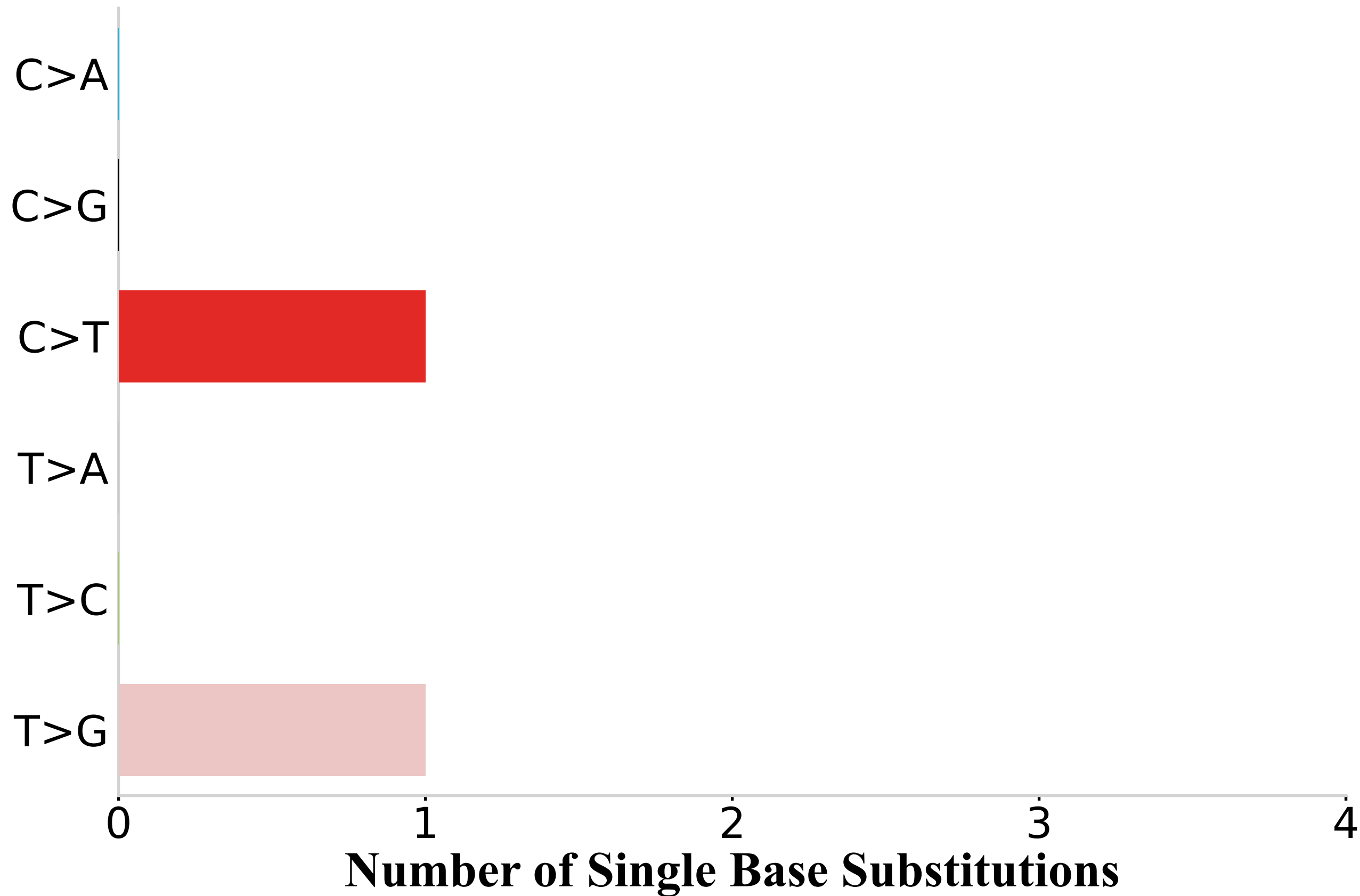
3

4

Number of Single Base Substitutions



P-0037859-T01-IM6: 2 subs



P-0037881-T01-IM6: 0 subs

C>A

C>G

C>T

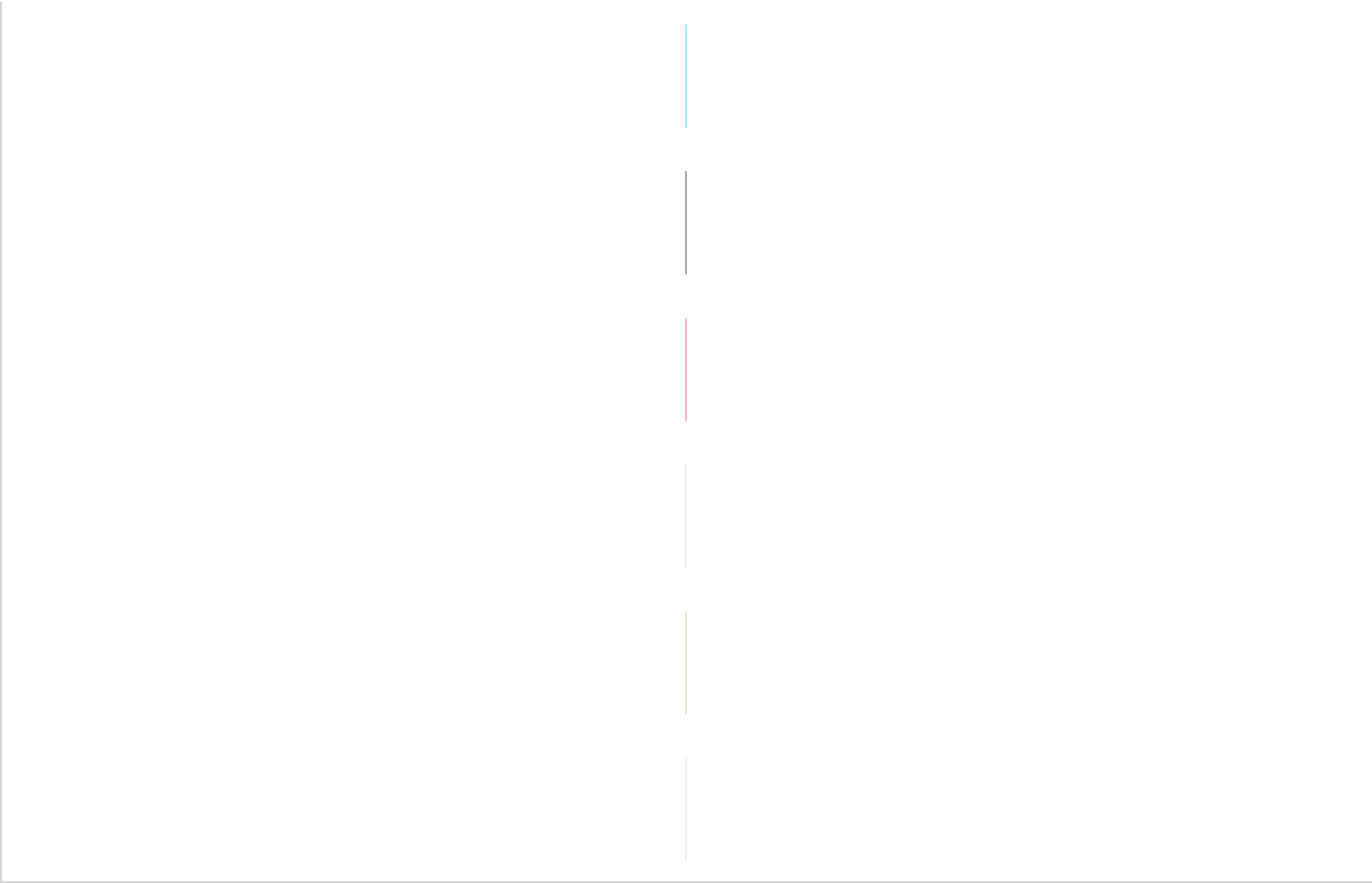
T>A

T>C

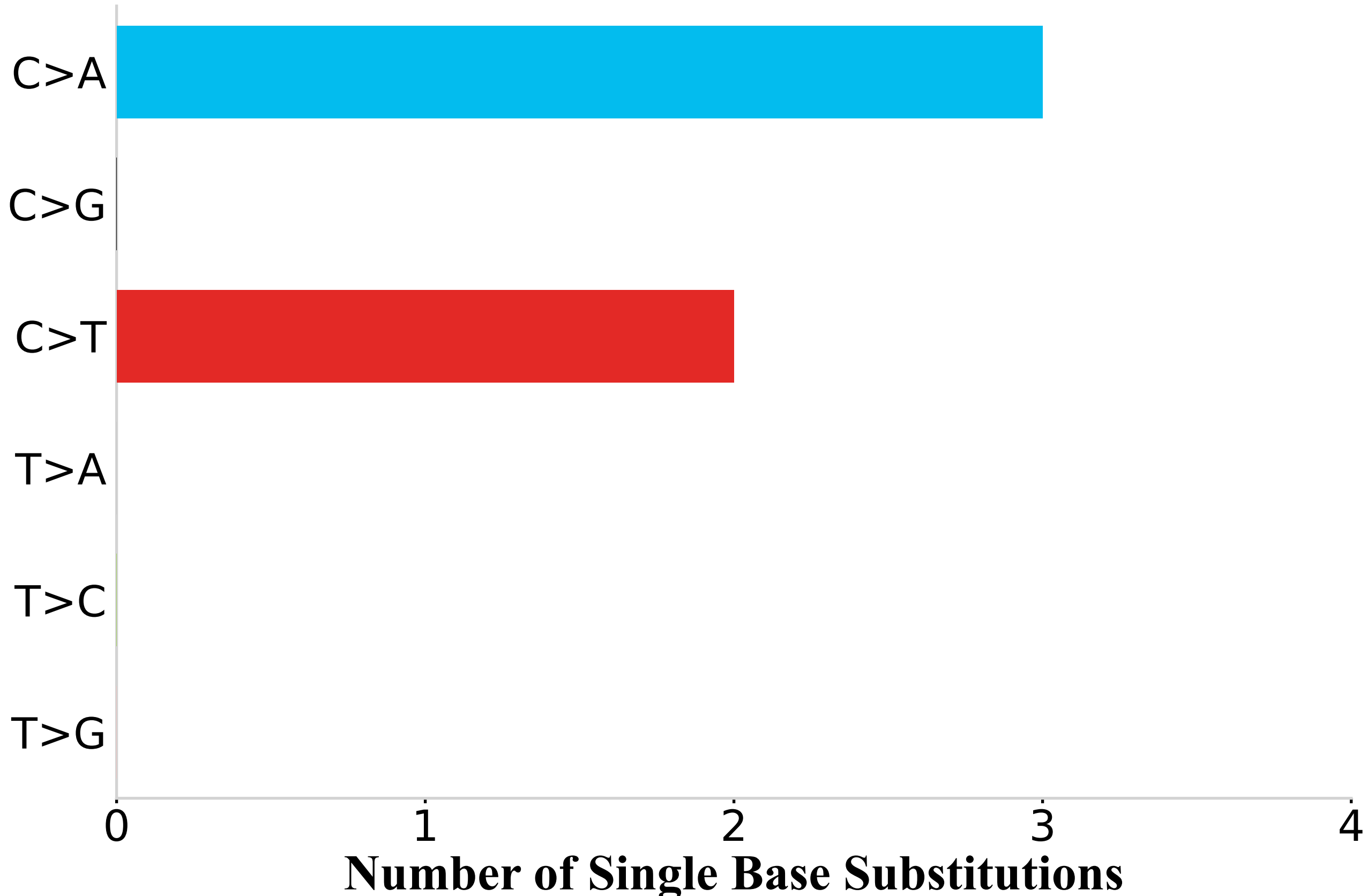
T>G

0

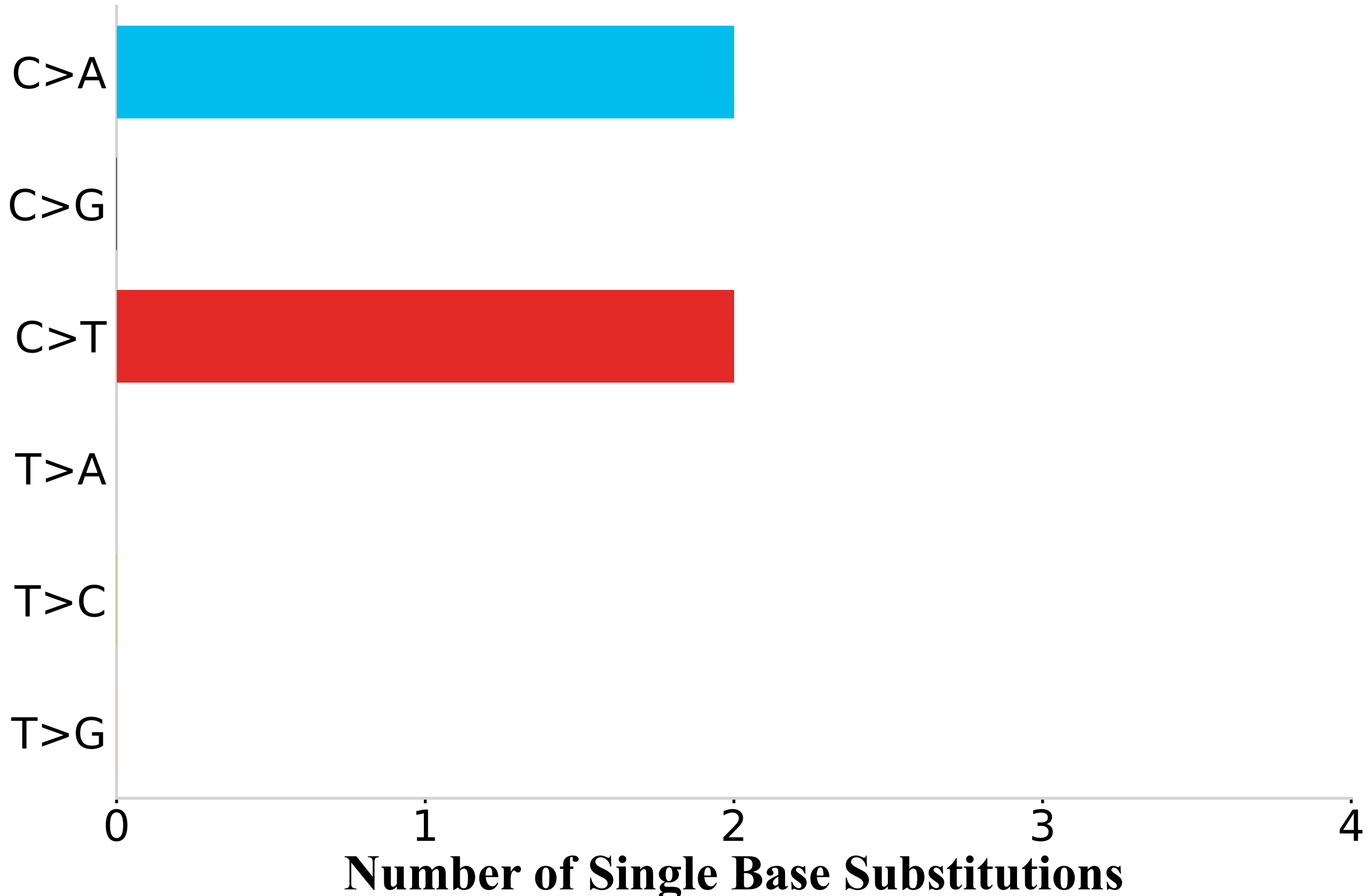
Number of Single Base Substitutions



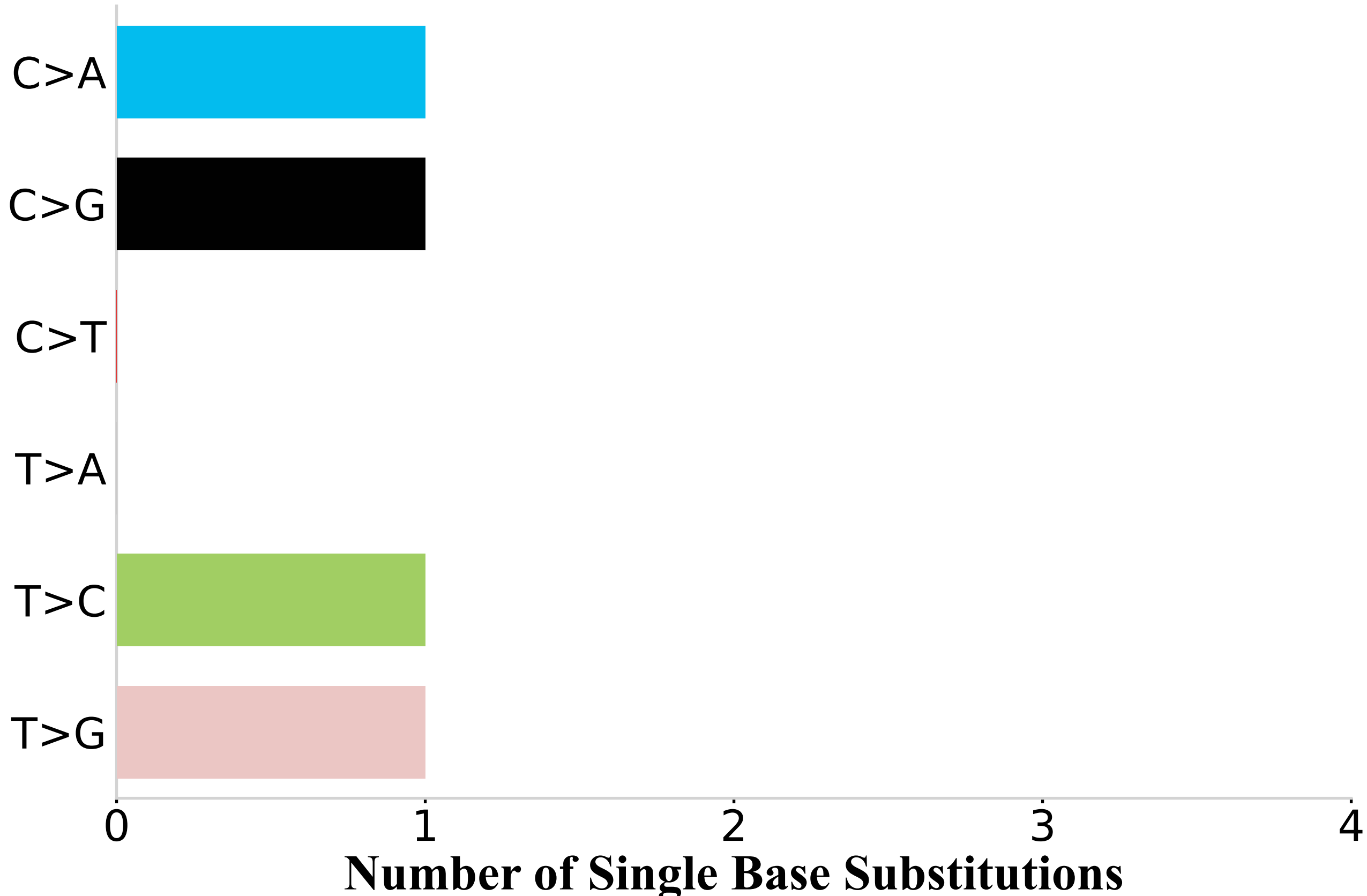
P-0037962-T01-IM6: 5 subs



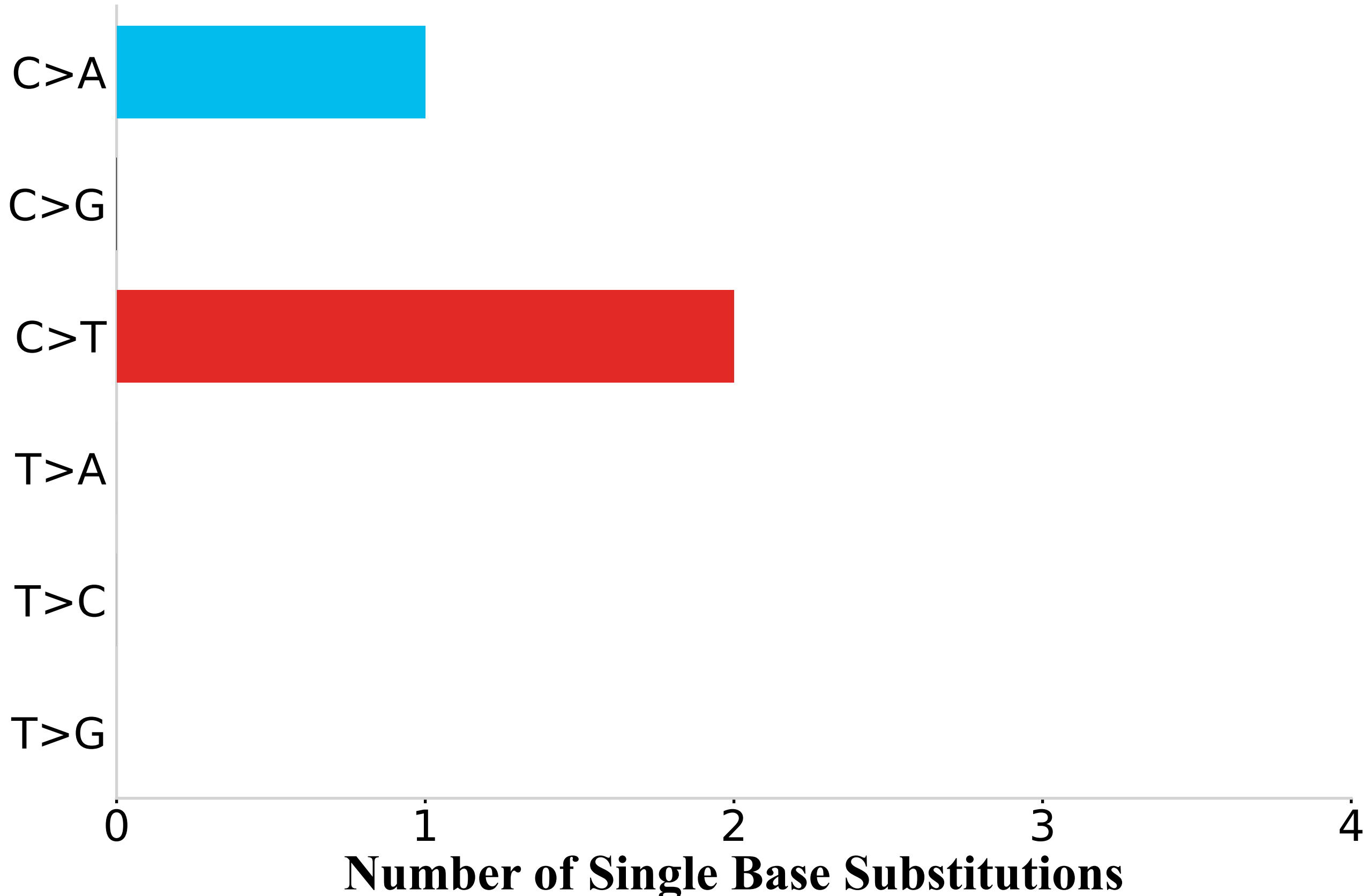
P-0038123-T01-IM6: 4 subs



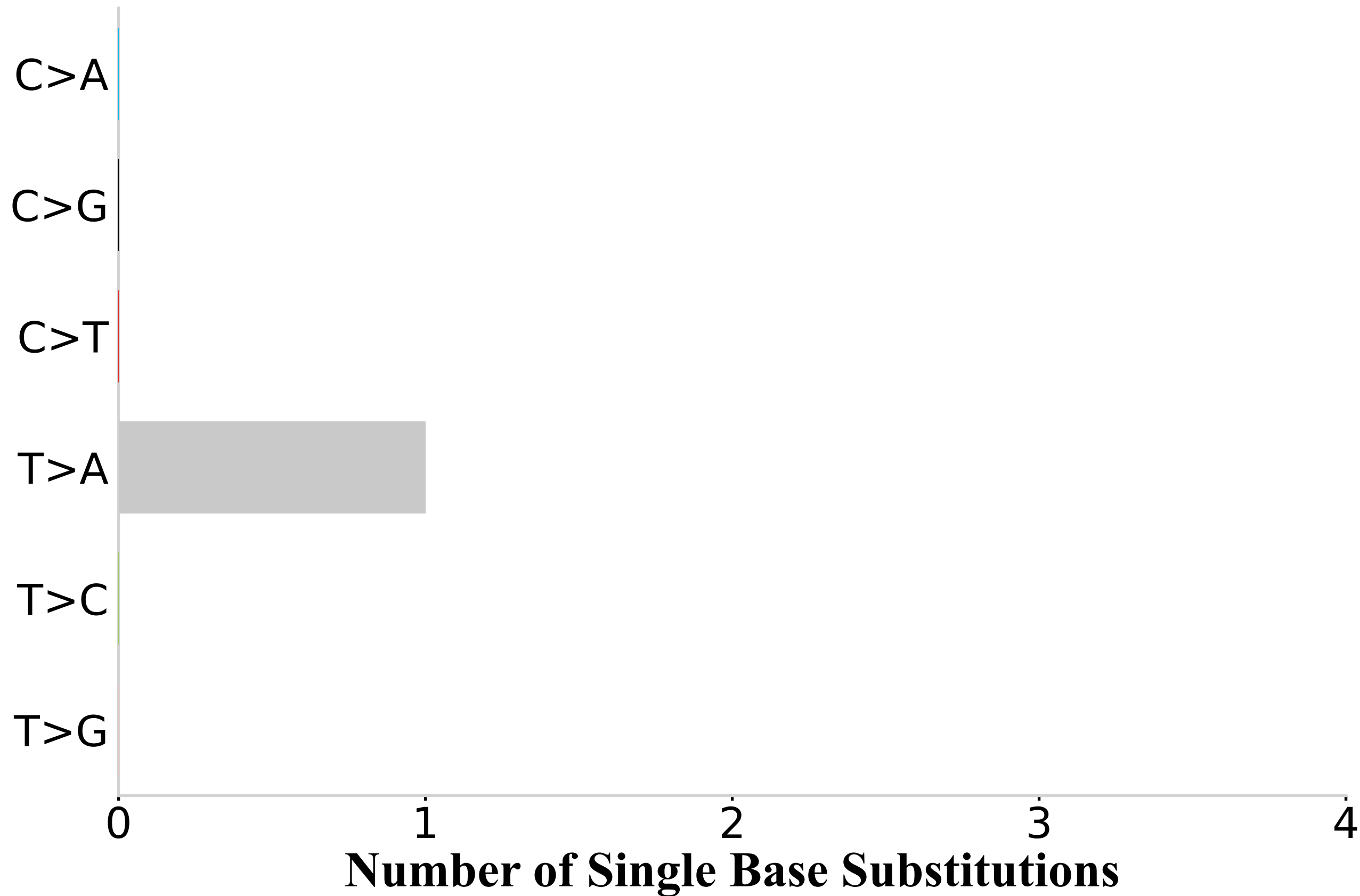
P-0038153-T01-IM6: 4 subs



P-0038235-T01-IM6: 3 subs



P-0039087-T01-IM6: 1 subs



P-0039269-T01-IM6: 0 subs

C>A

C>G

C>T

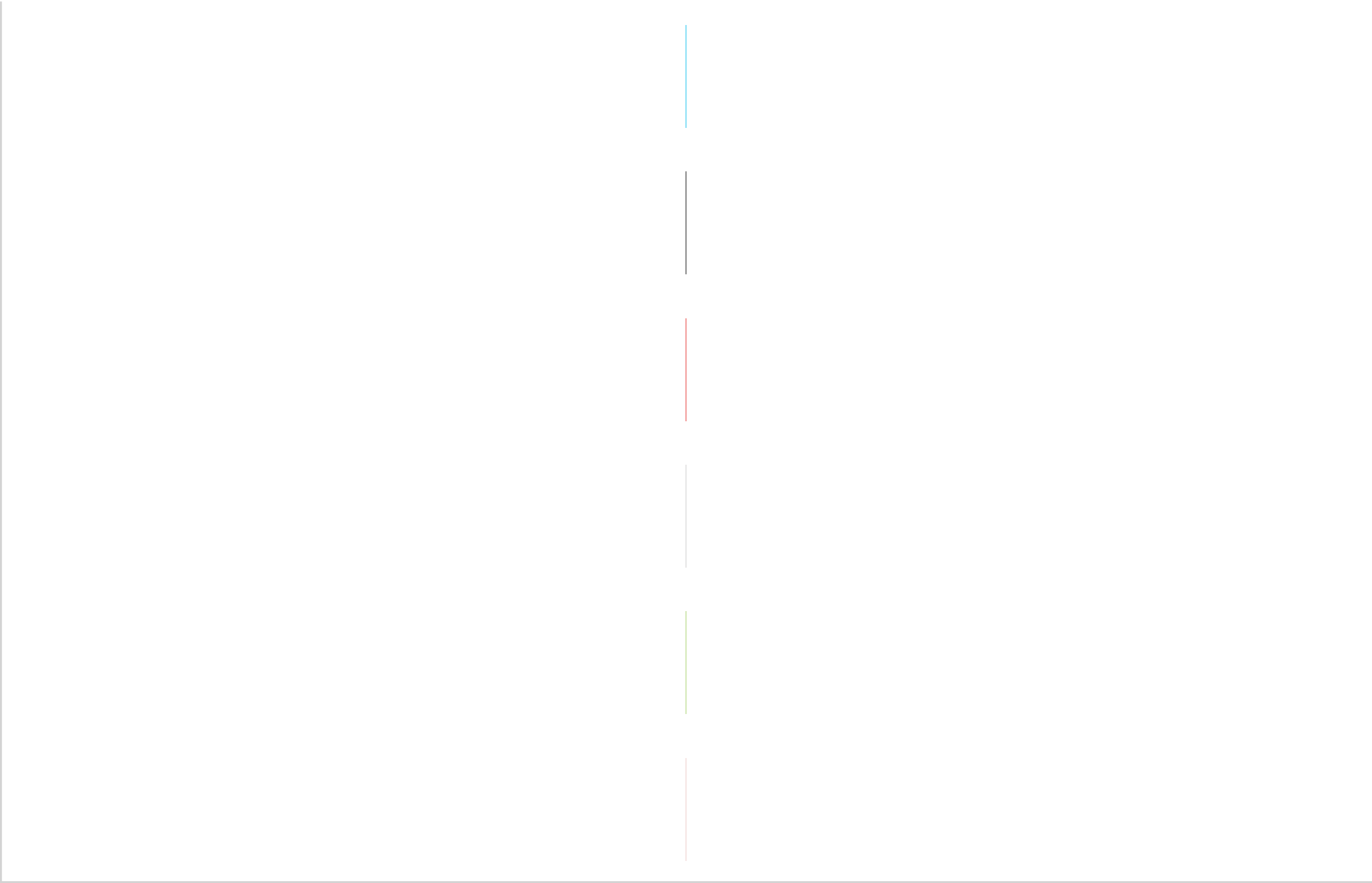
T>A

T>C

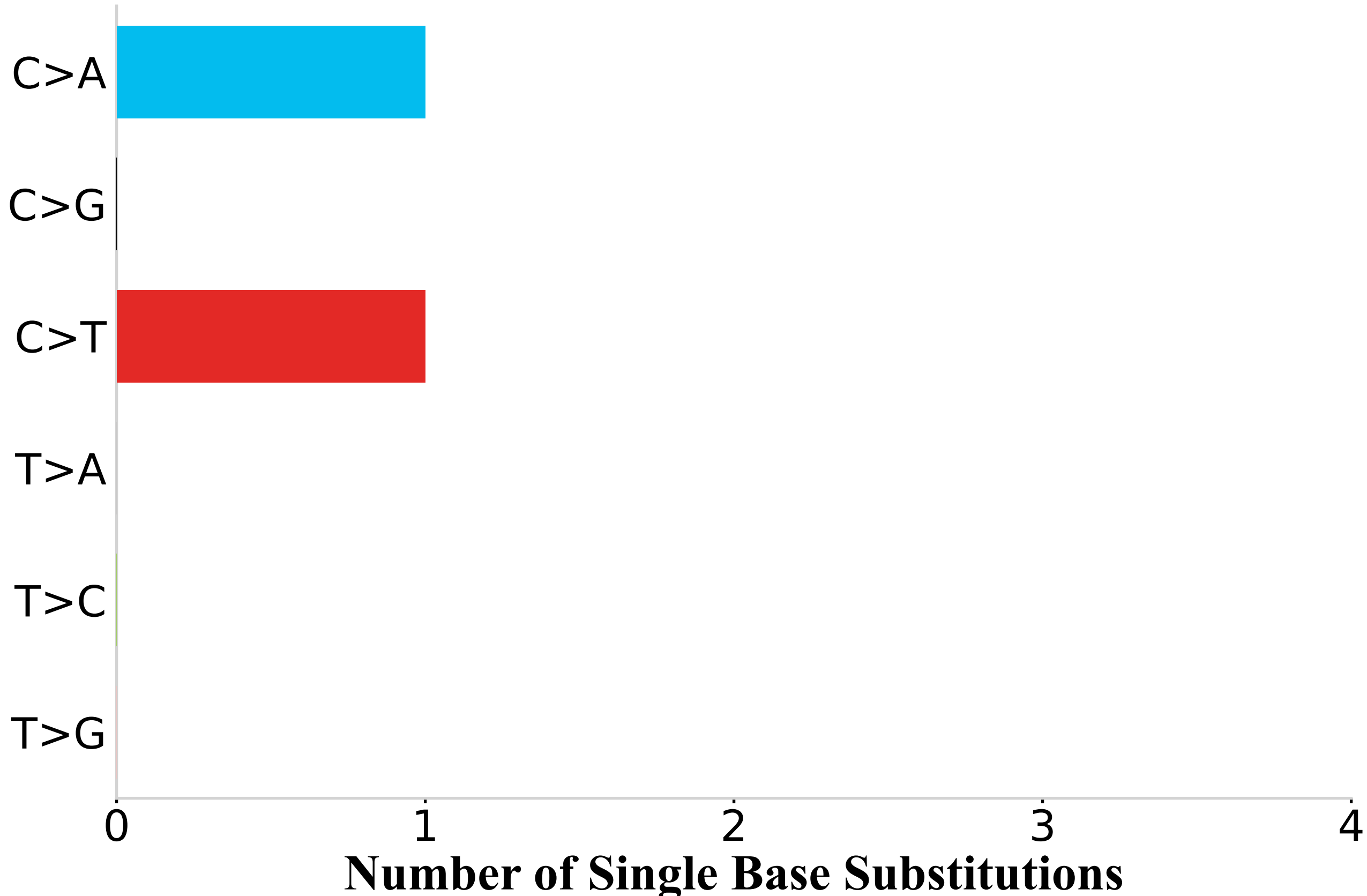
T>G

0

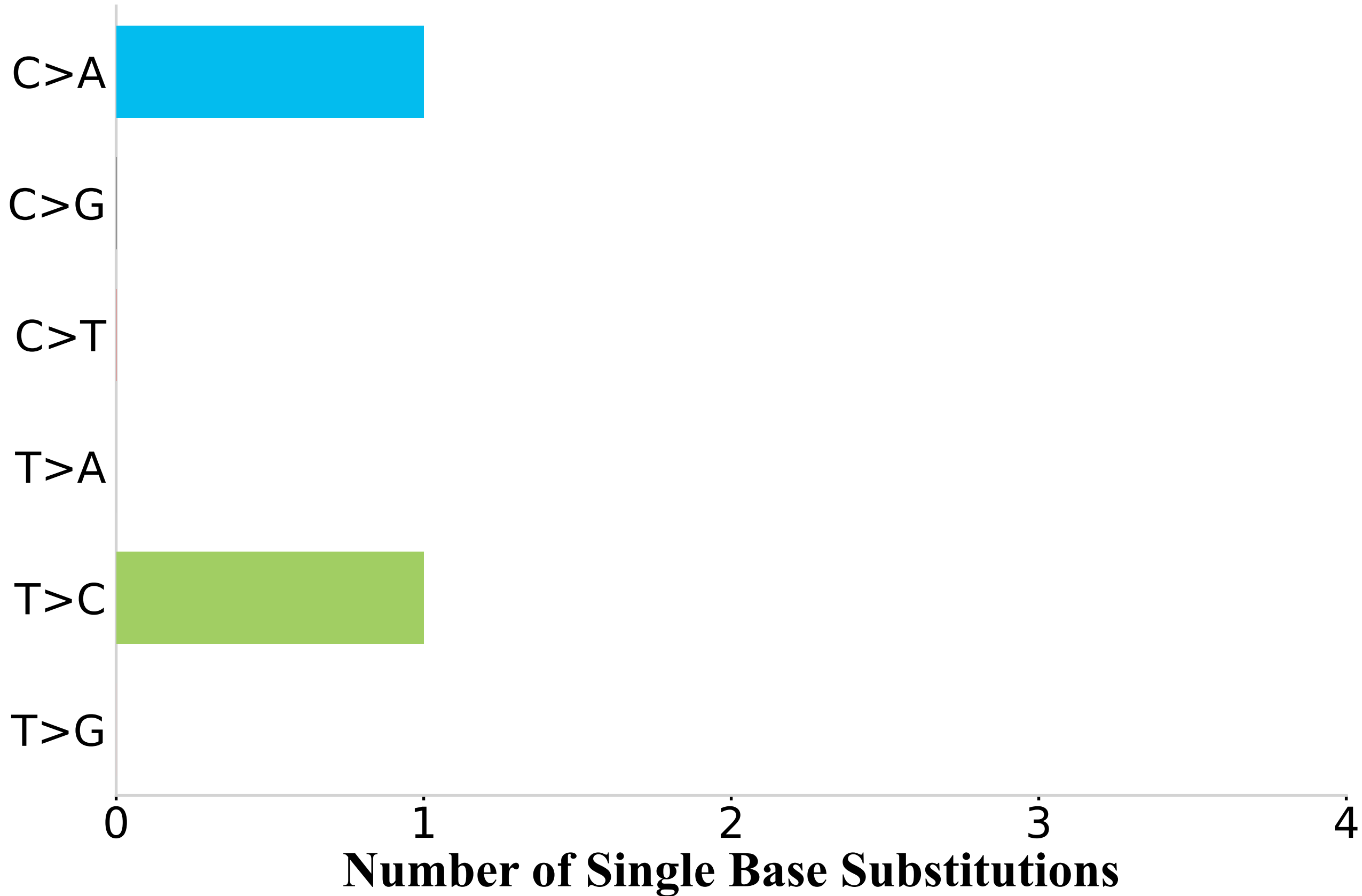
Number of Single Base Substitutions



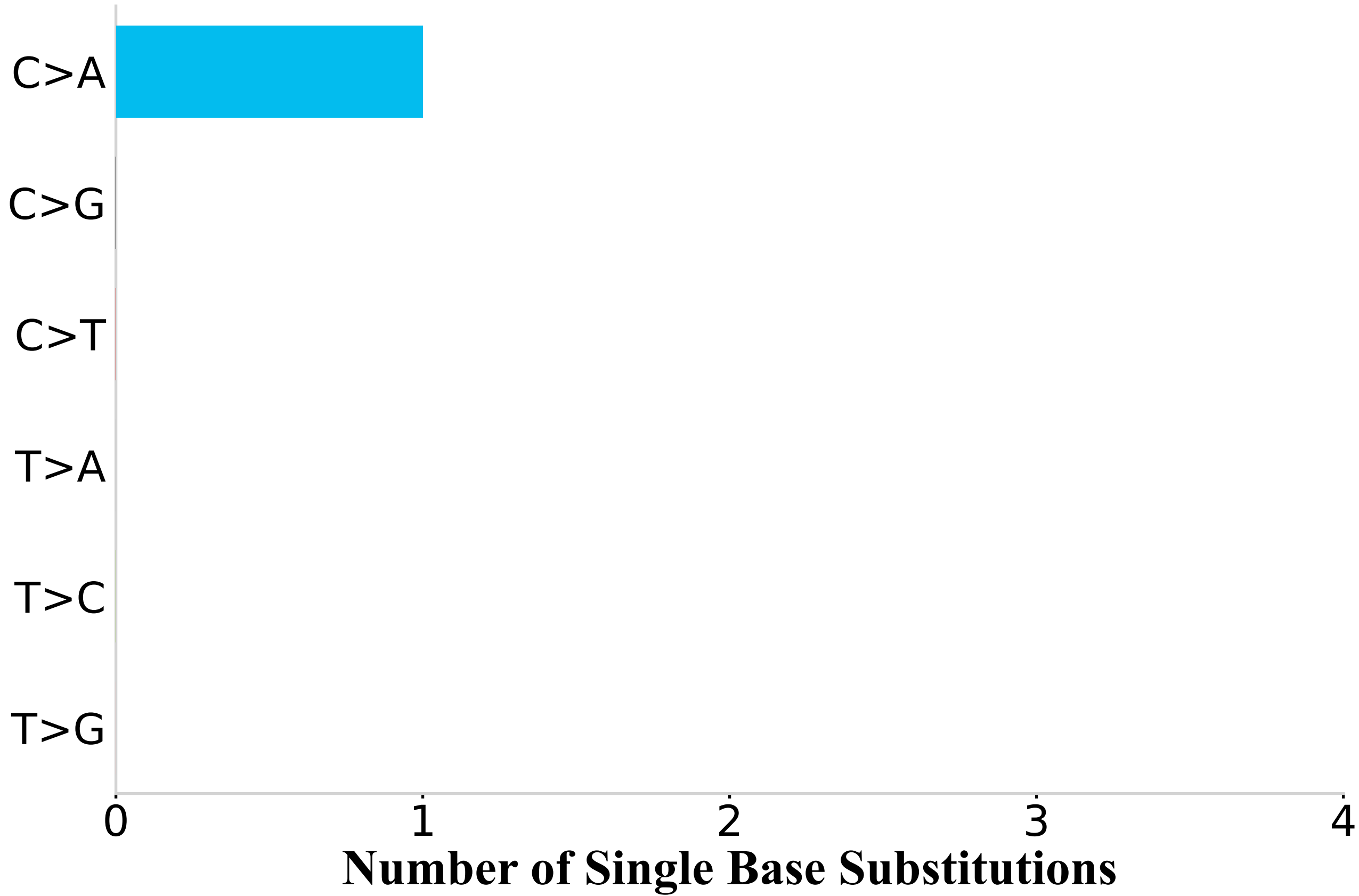
P-0039329-T01-IM6: 2 subs



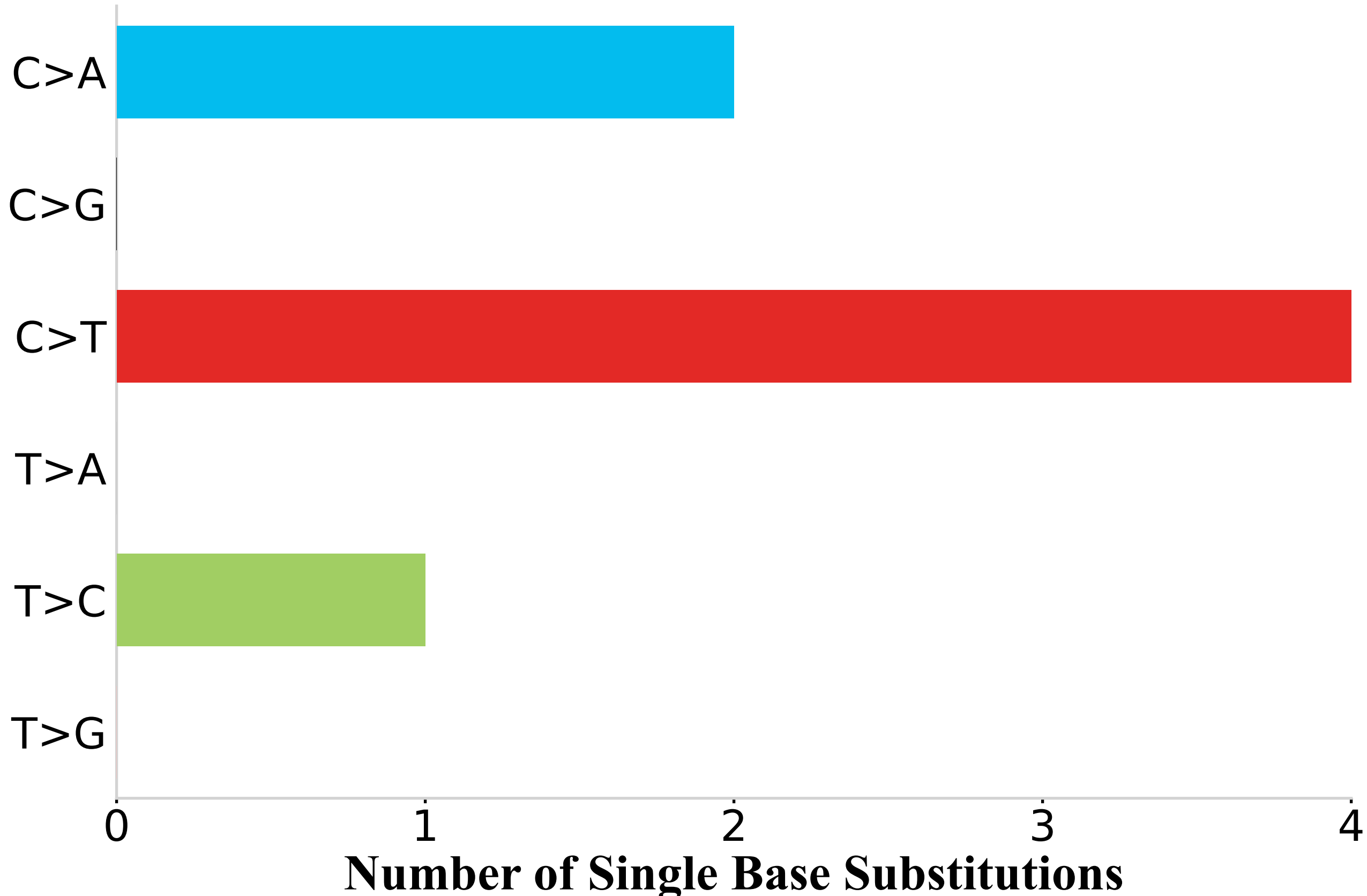
P-0039370-T01-IM6: 2 subs



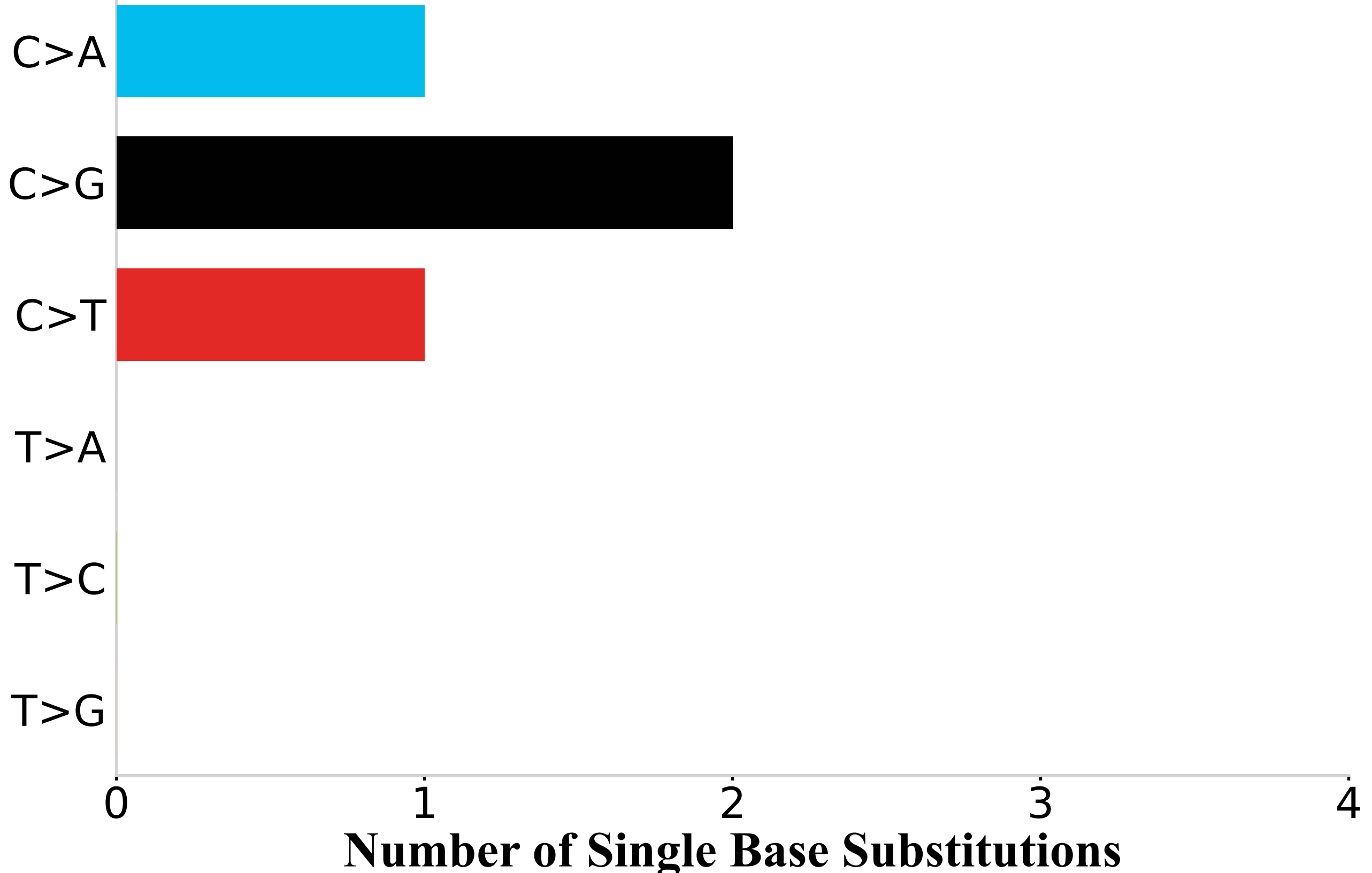
P-0039722-T01-IM6: 1 subs



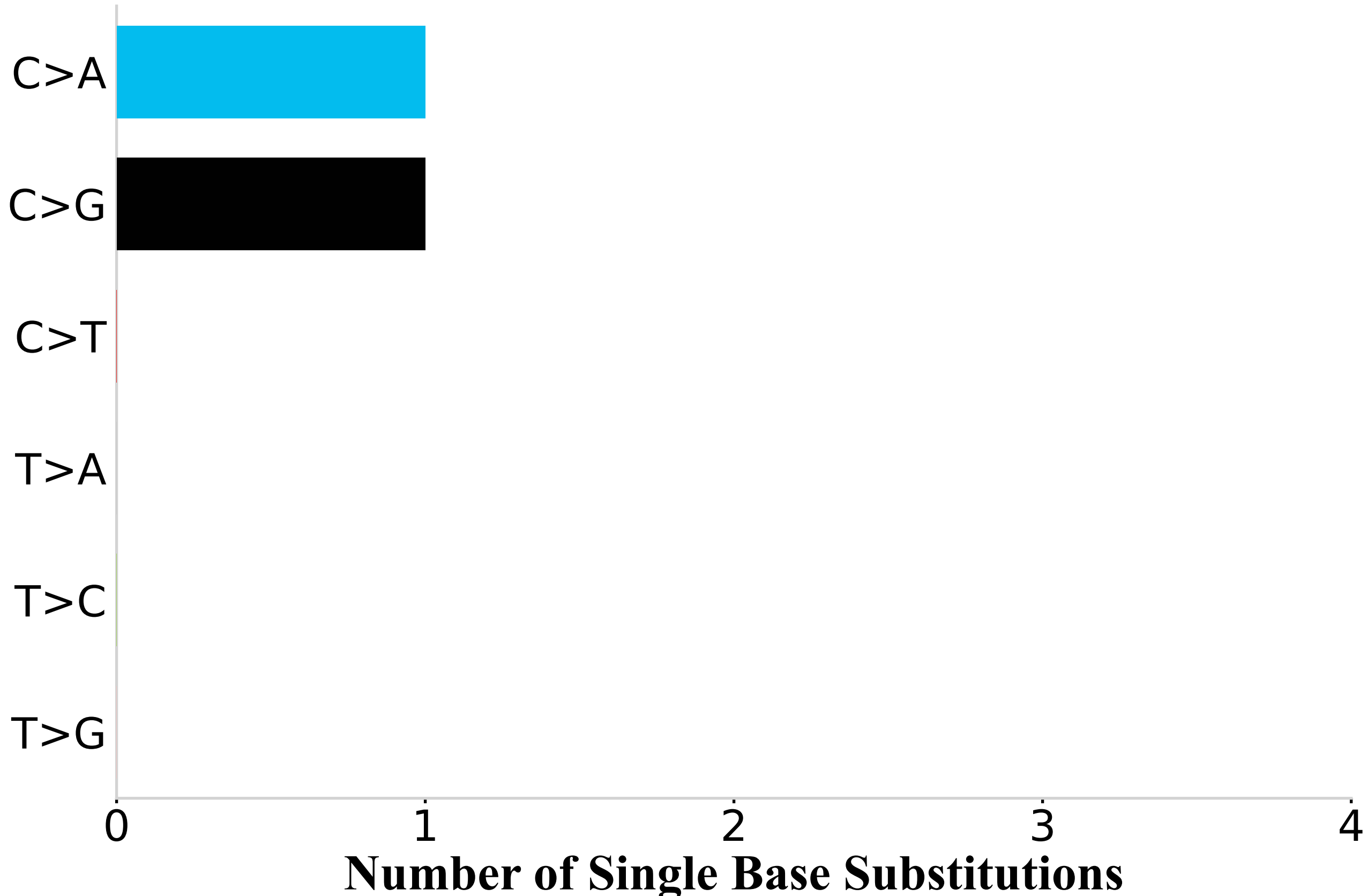
P-0039725-T01-IM6: 7 subs



P-0040028-T01-IM6: 4 subs



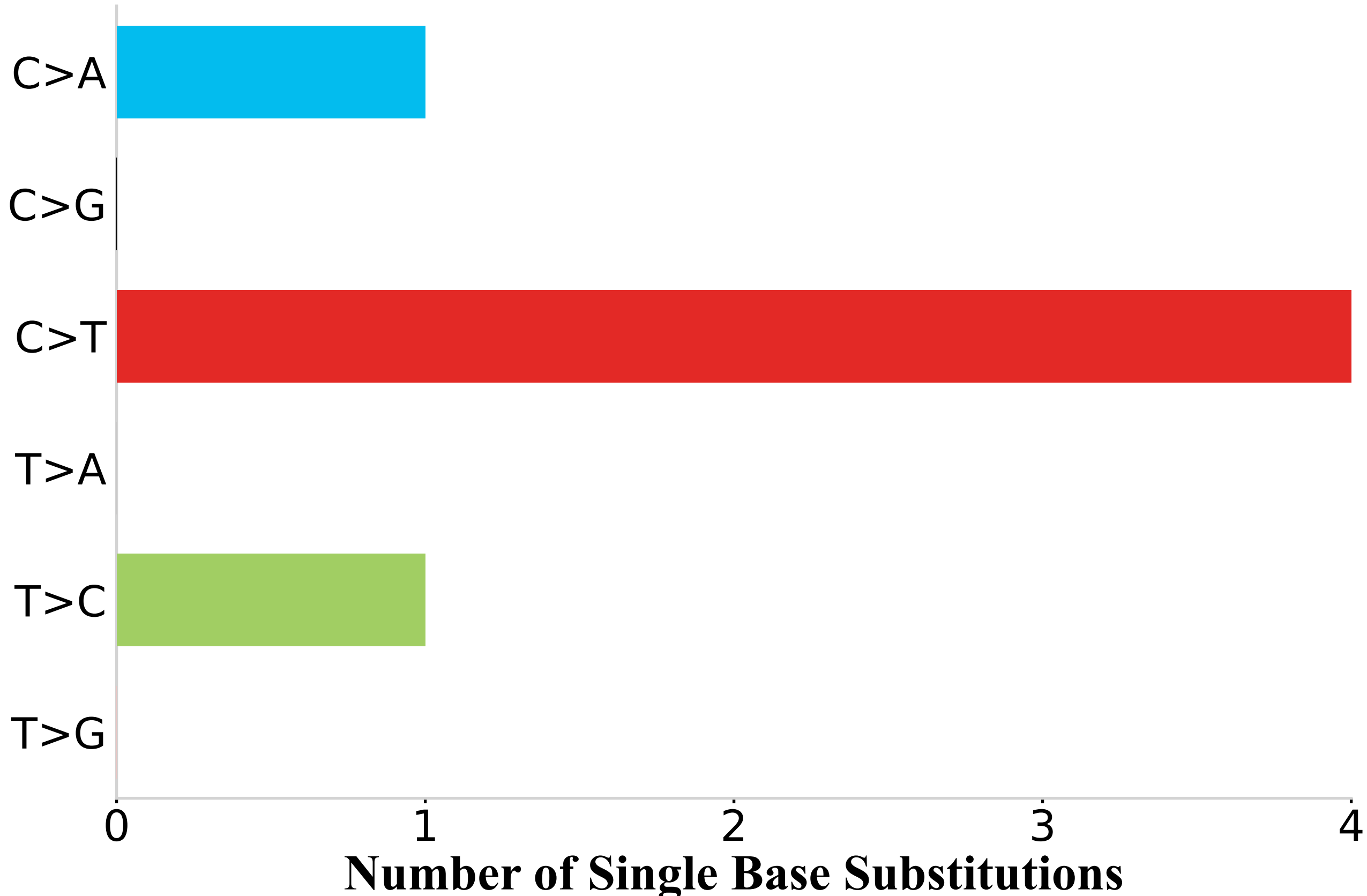
P-0040286-T01-IM6: 2 subs



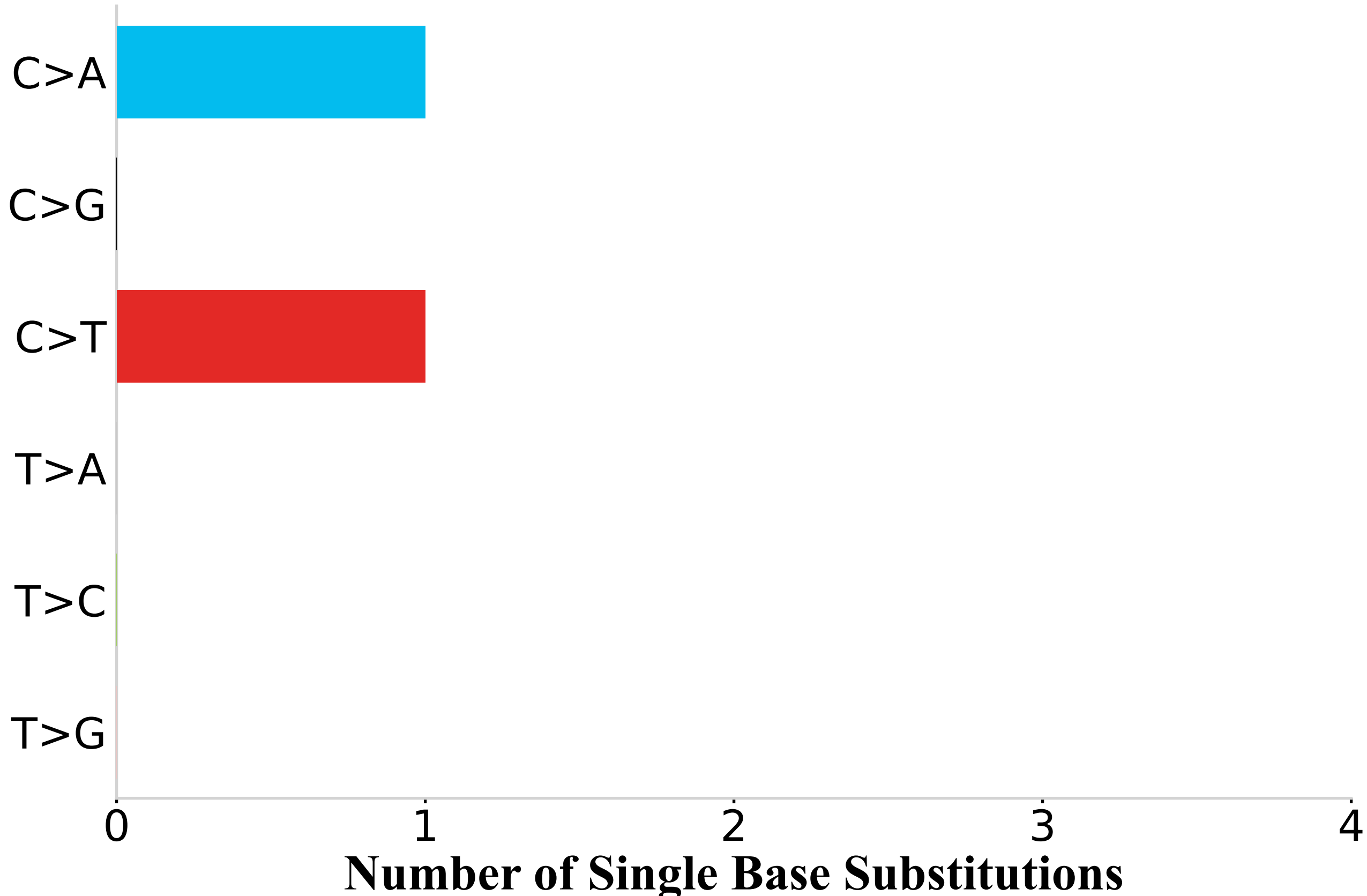
P-0040603-T01-IM6: 6 subs



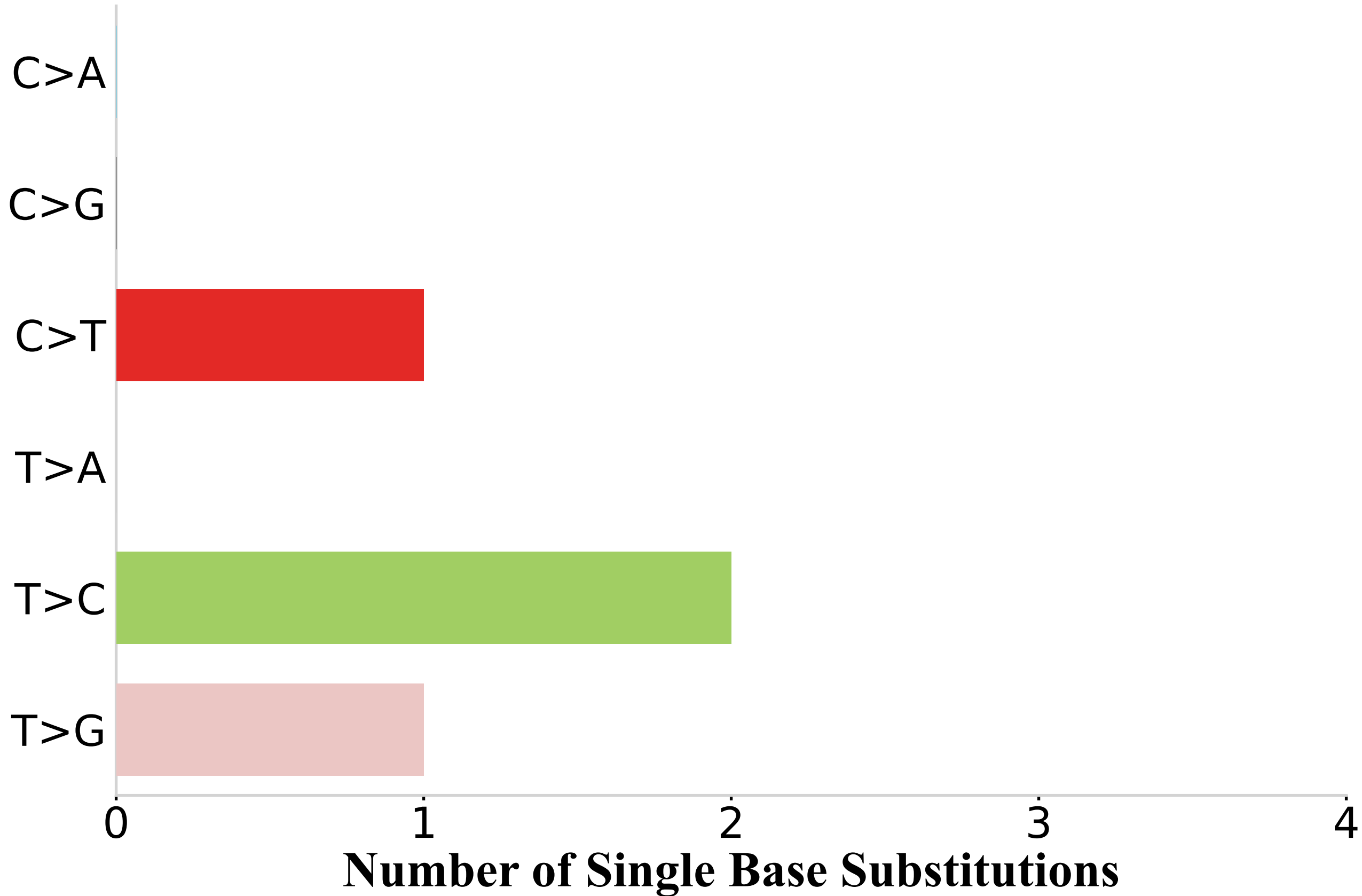
P-0040635-T01-IM6: 6 subs



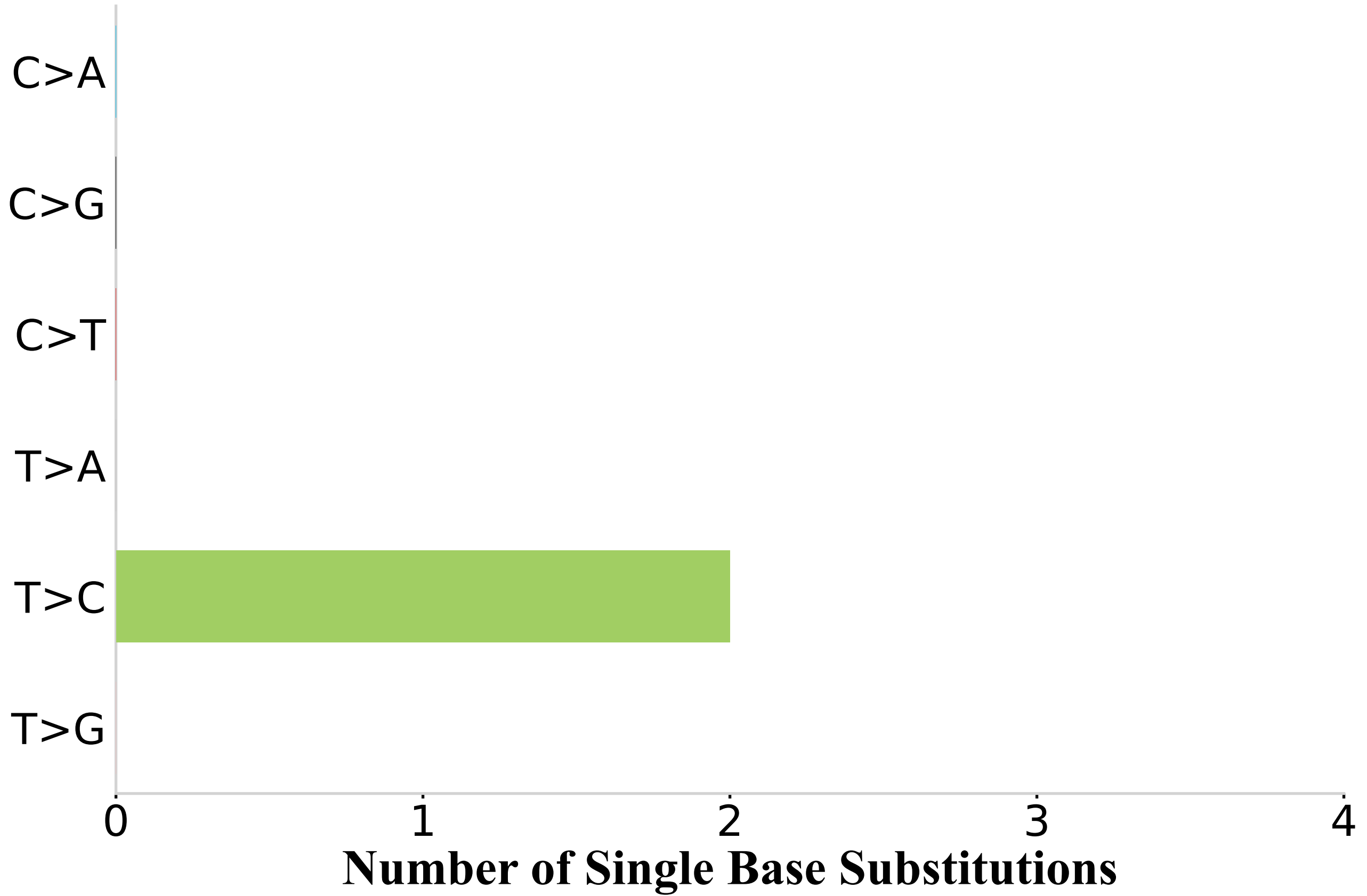
P-0040683-T01-IM6: 2 subs



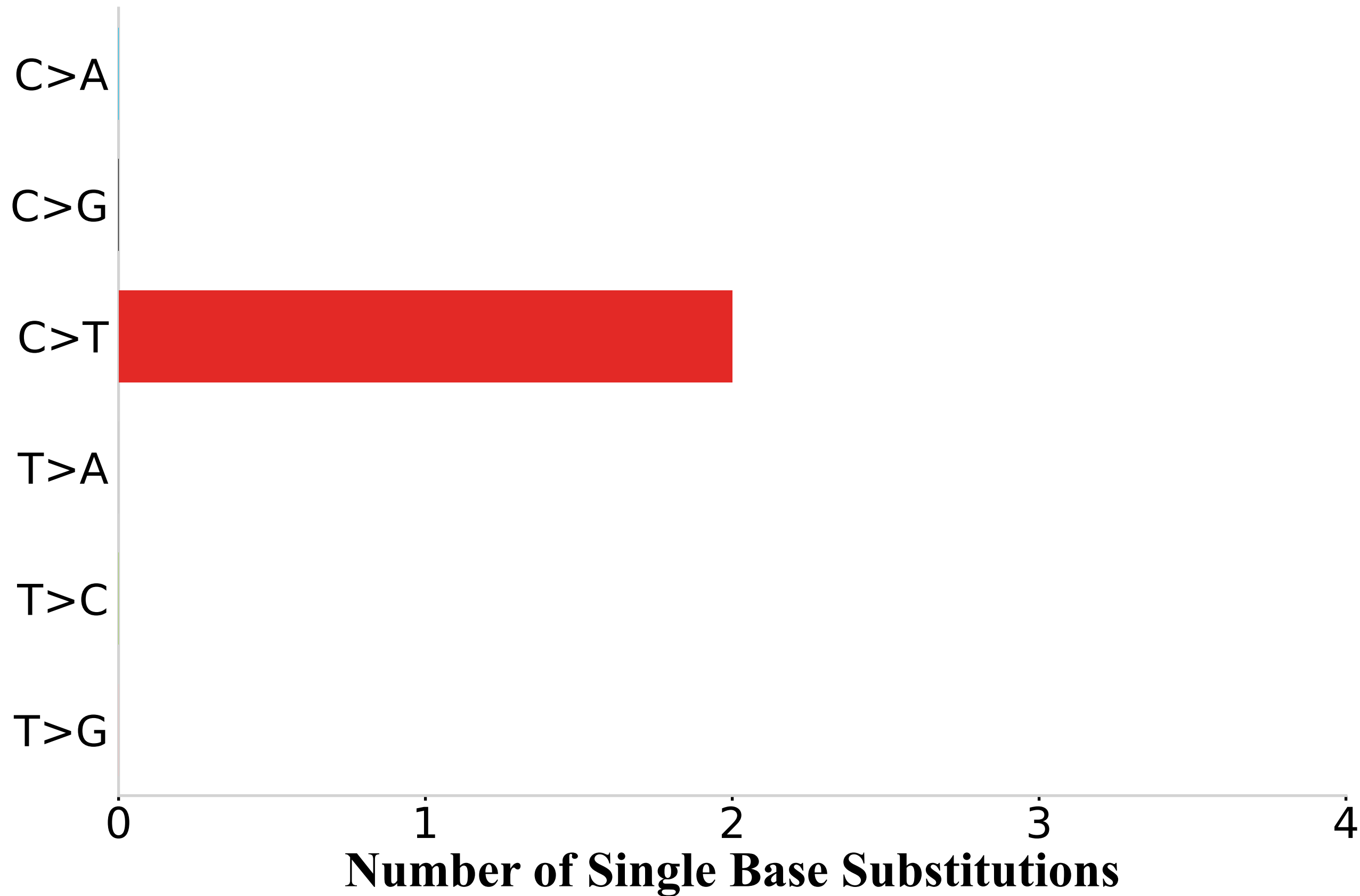
P-0040689-T01-IM6: 4 subs



P-0041178-T01-IM6: 2 subs



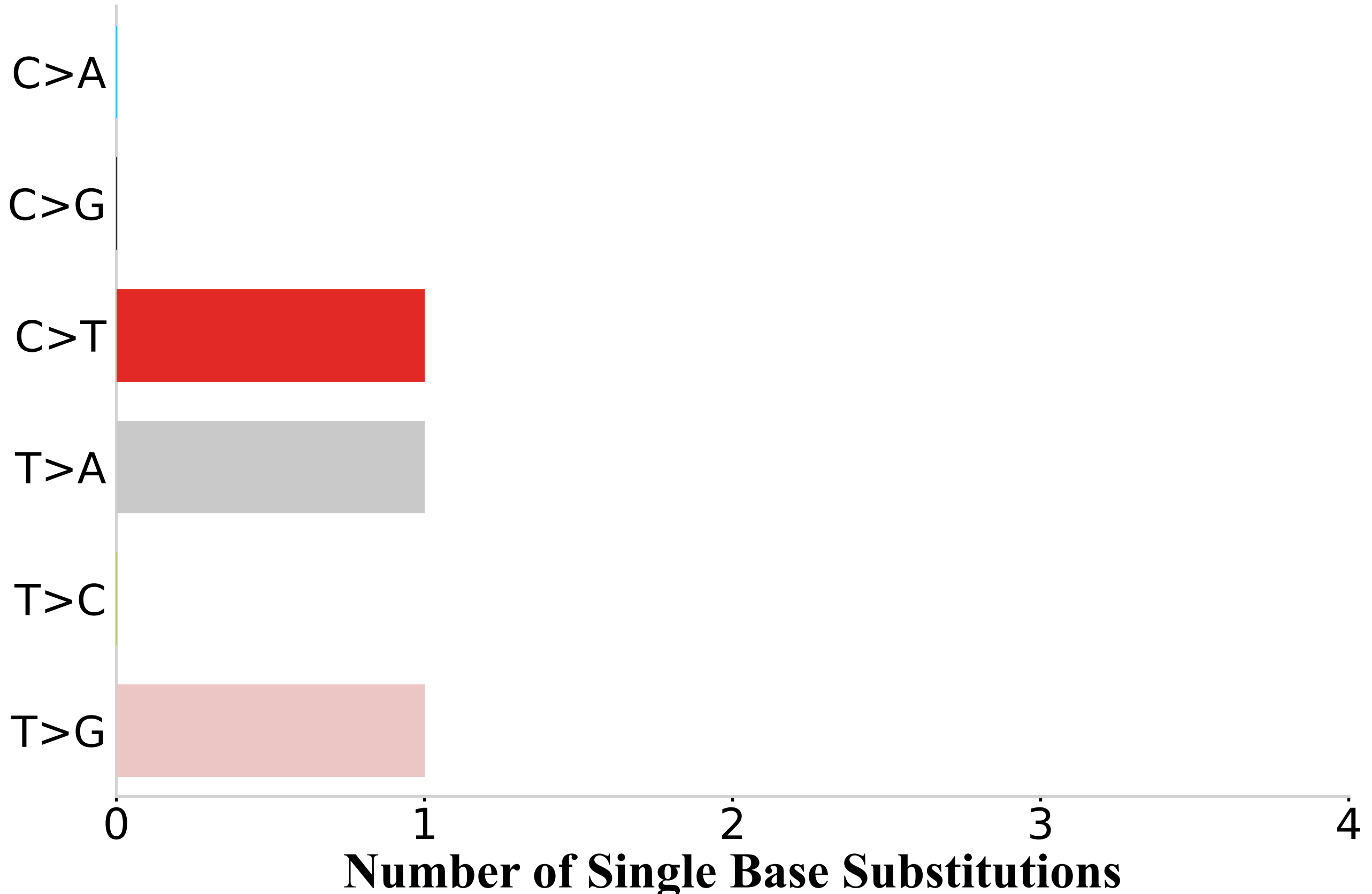
P-0041270-T01-IM6: 2 subs



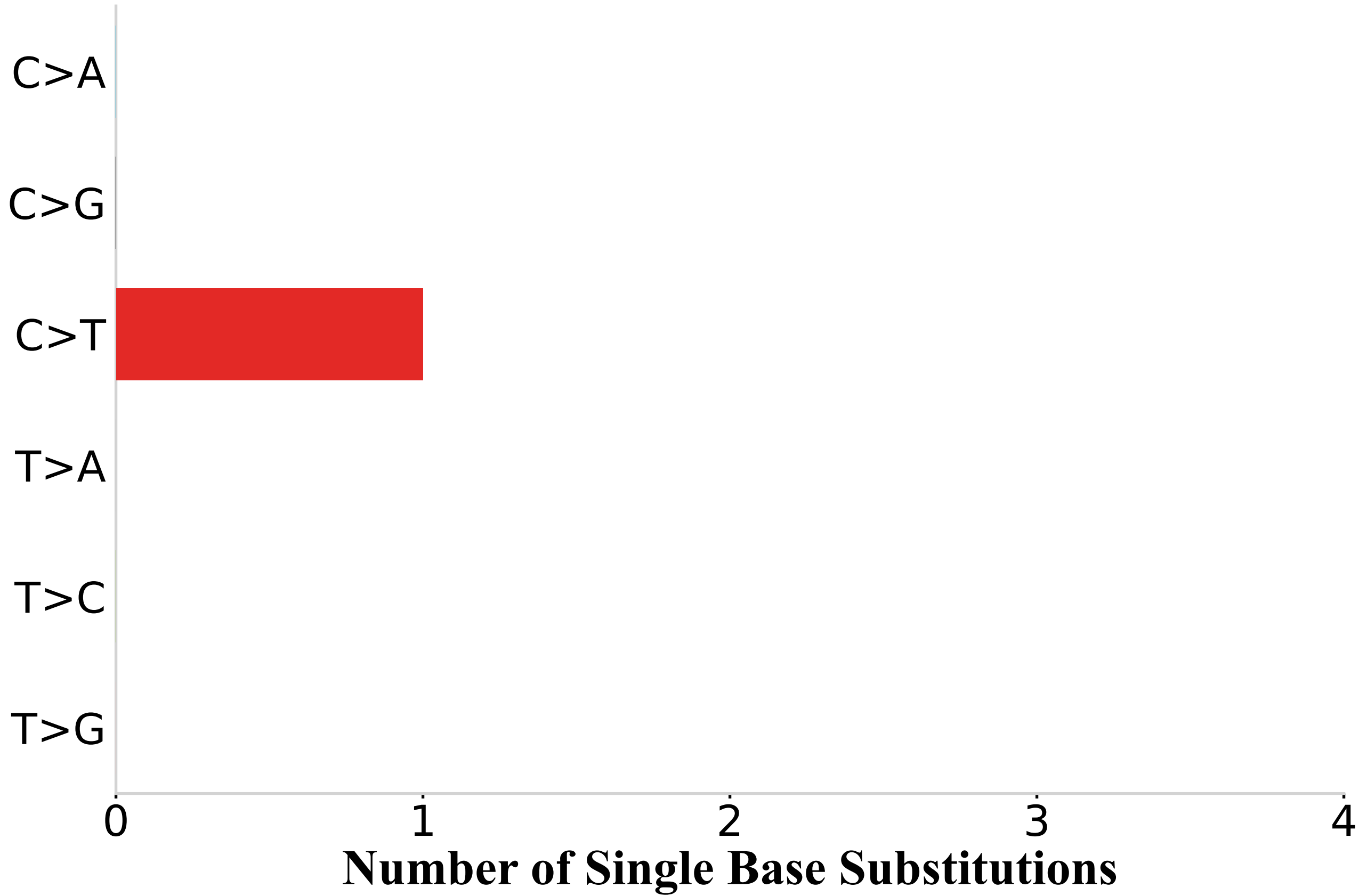
P-0041295-T01-IM6: 2 subs



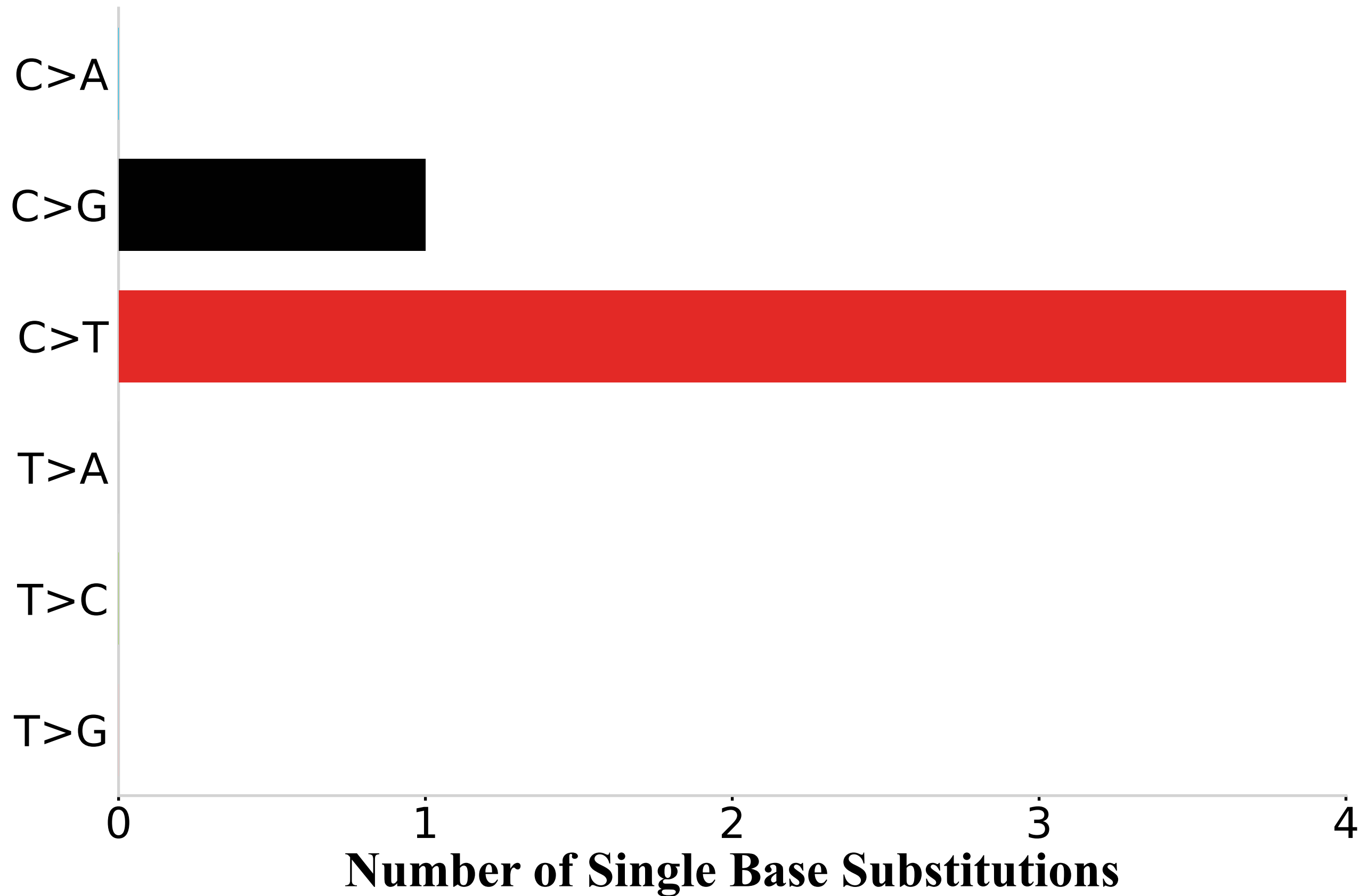
P-0041592-T01-IM6: 3 subs



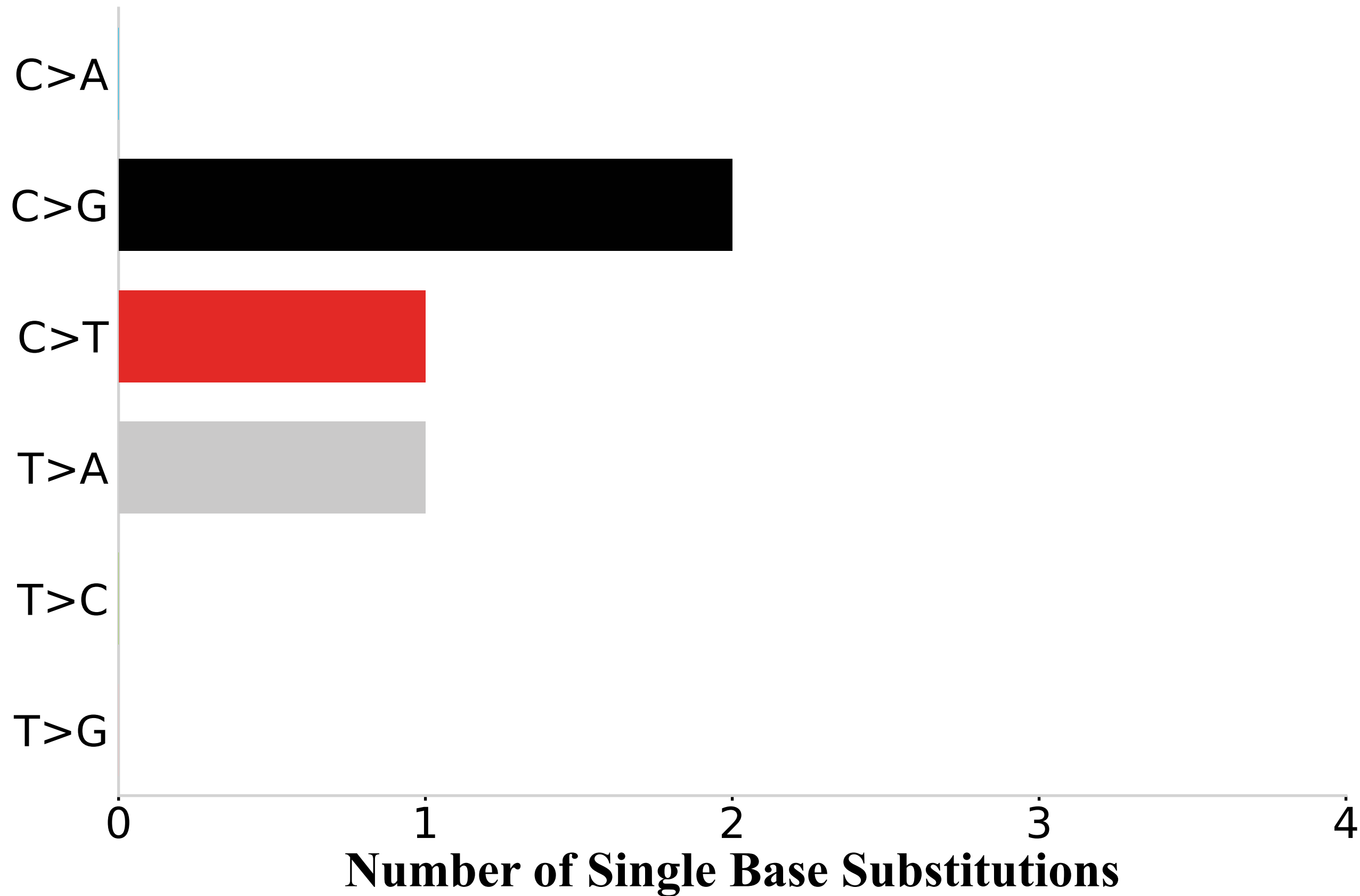
P-0041663-T01-IM6: 1 subs



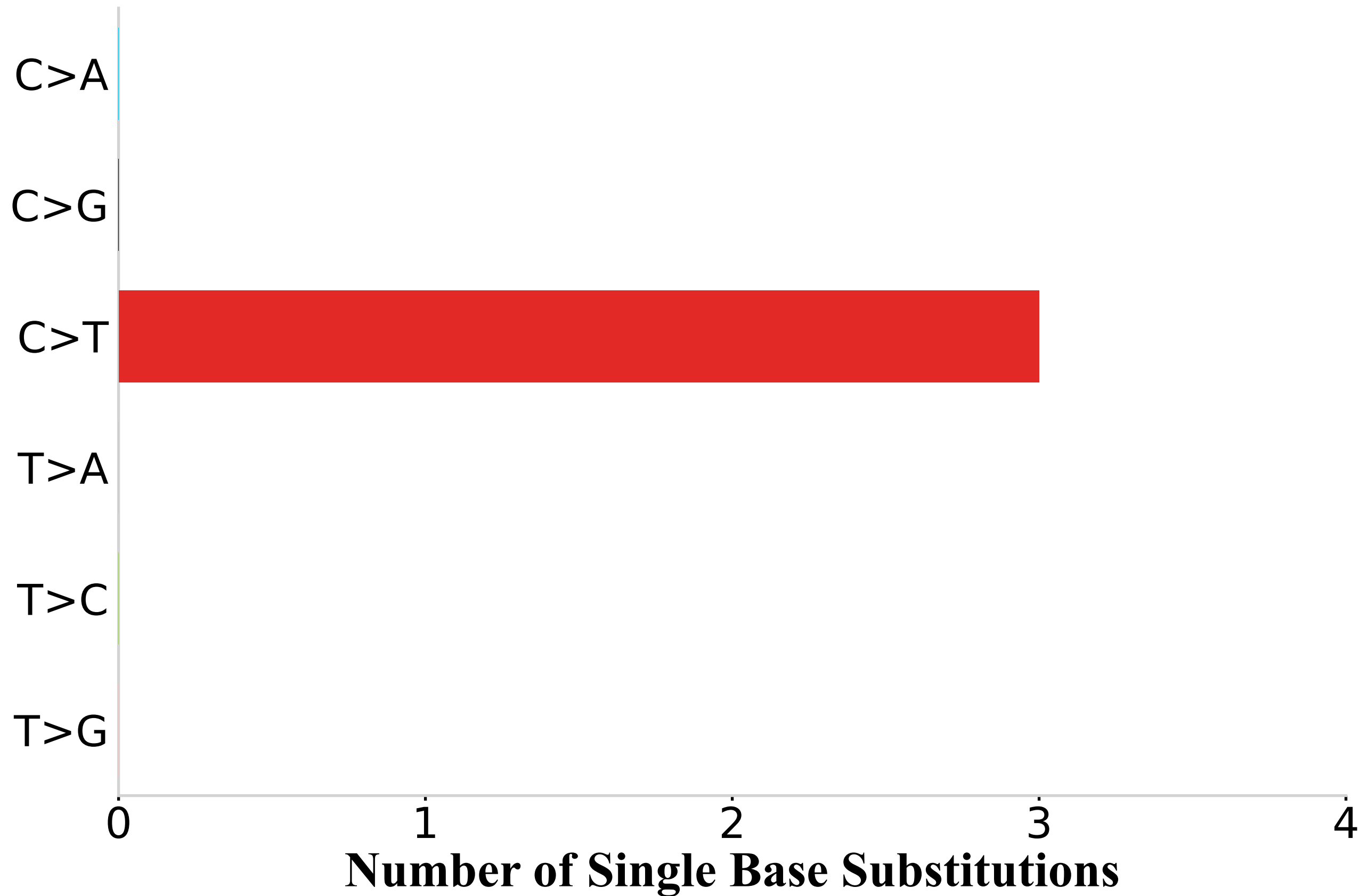
P-0042065-T01-IM6: 5 subs



P-0042085-T01-IM6: 4 subs



P-0042213-T01-IM6: 3 subs



P-0042241-T01-IM6: 1 subs

C>A

C>G

C>T

T>A

T>C

T>G

0

1

2

3

4

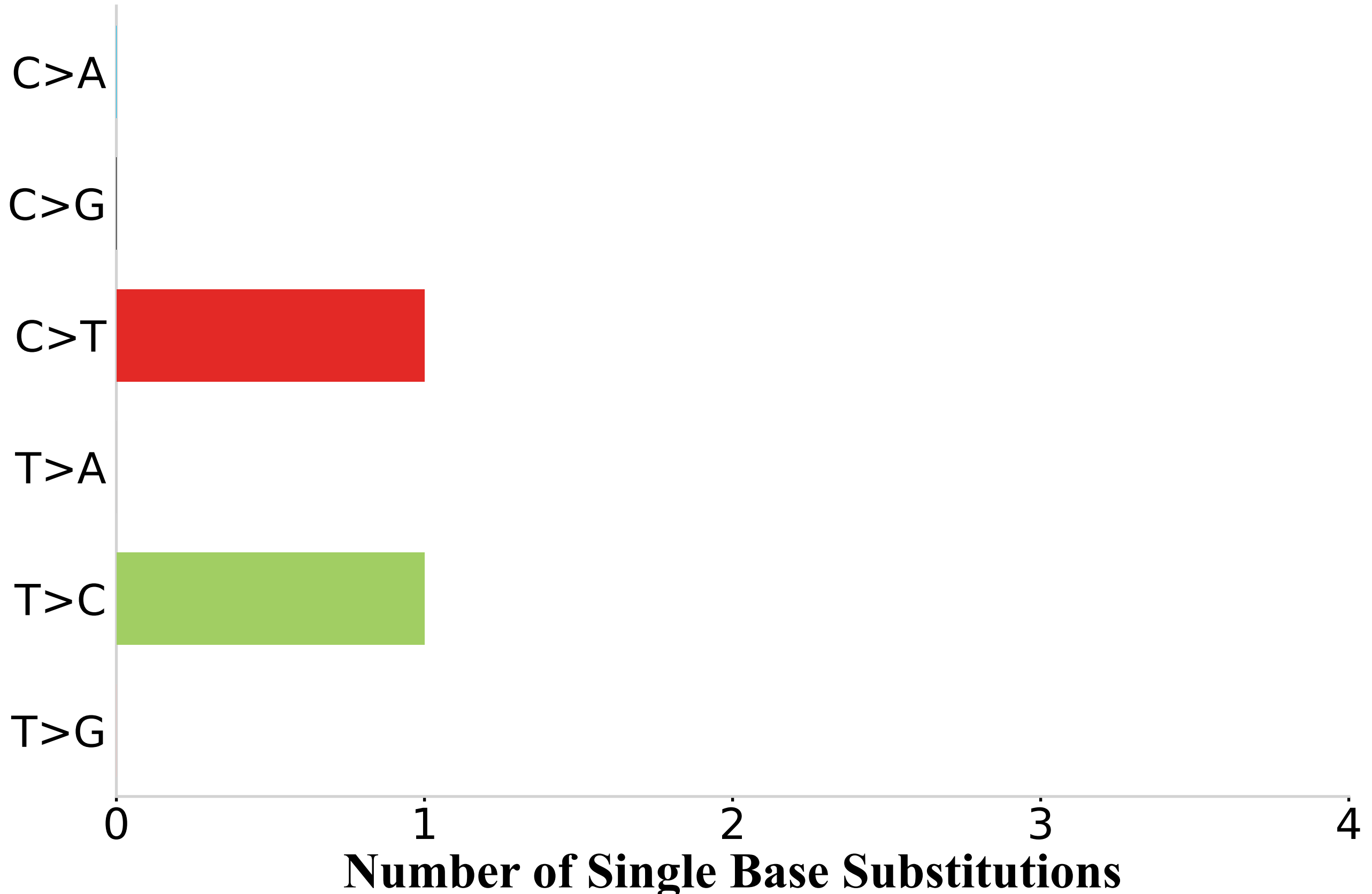
Number of Single Base Substitutions



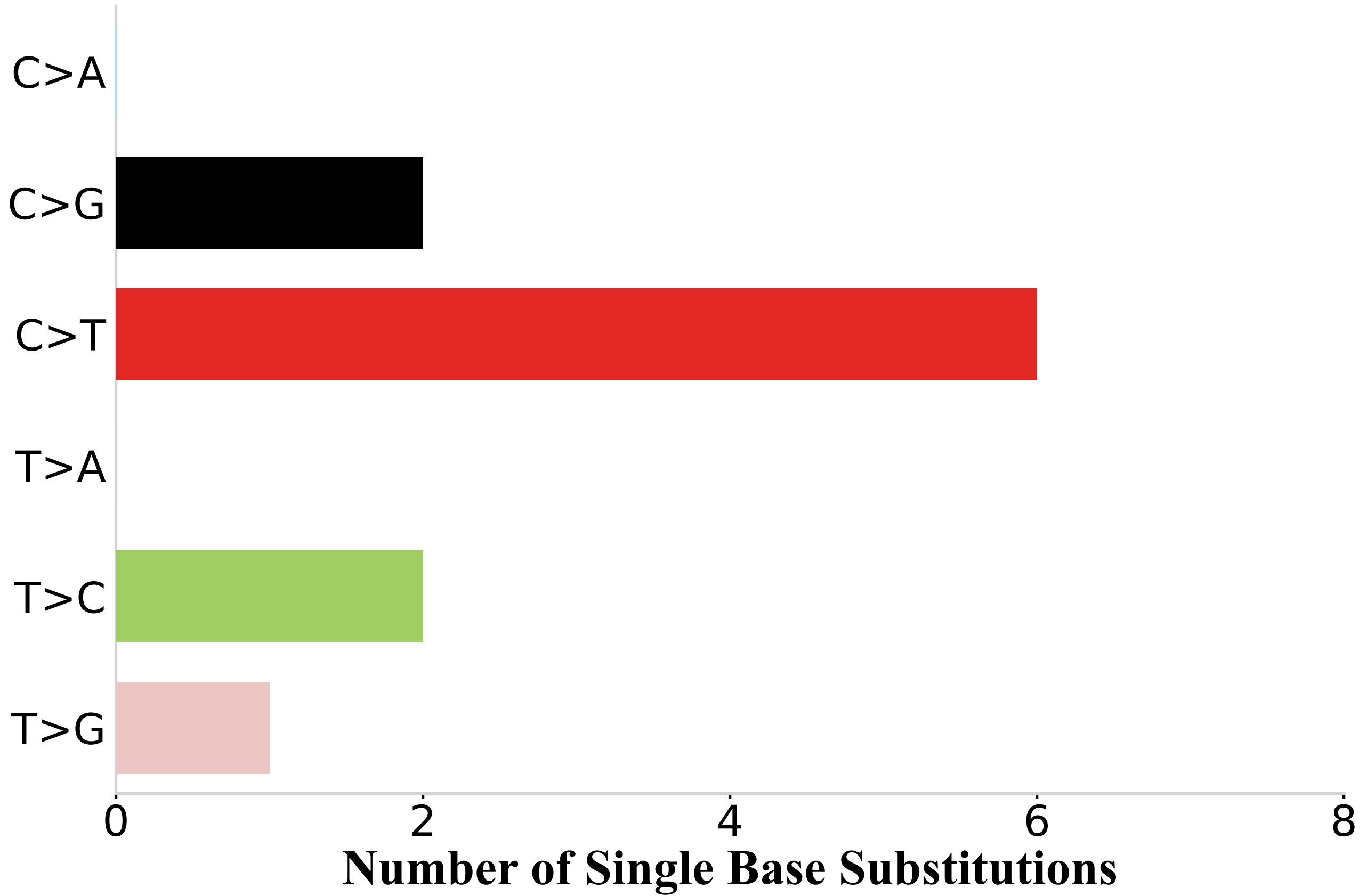
P-0042358-T01-IM6: 1 subs



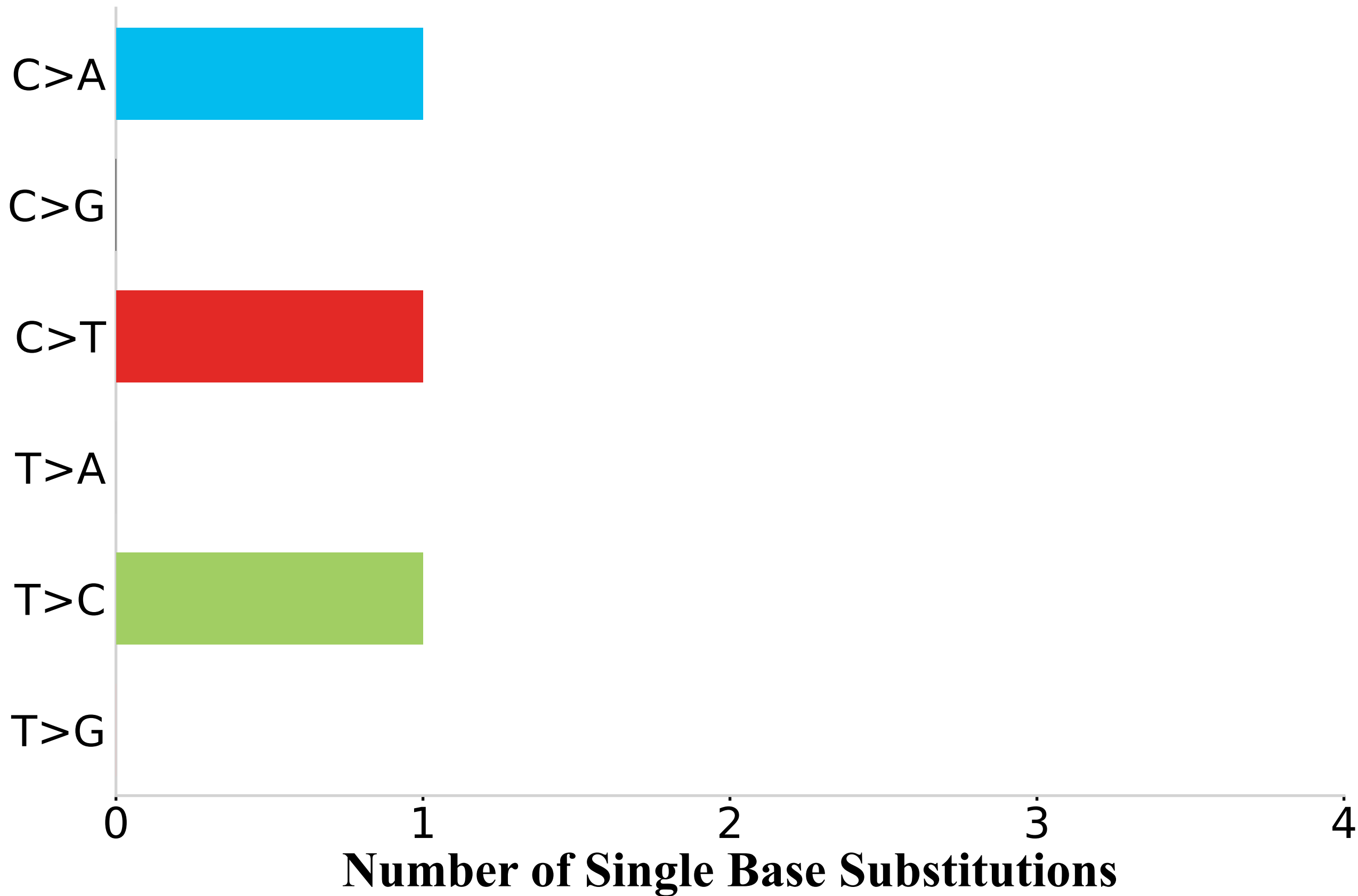
P-0042359-T01-IM6: 2 subs



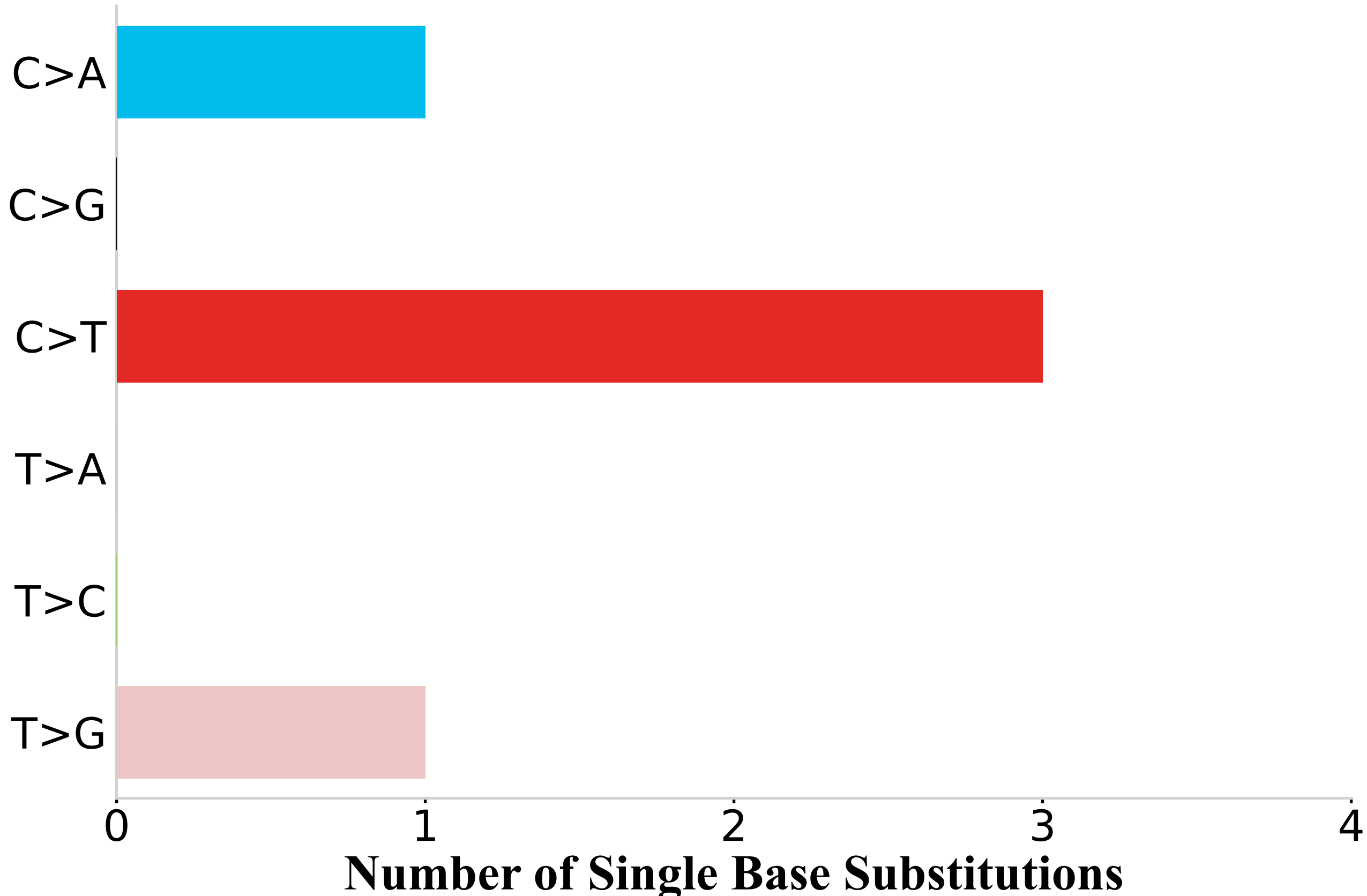
P-0042412-T01-IM6: 11 subs



P-0042501-T01-IM6: 3 subs



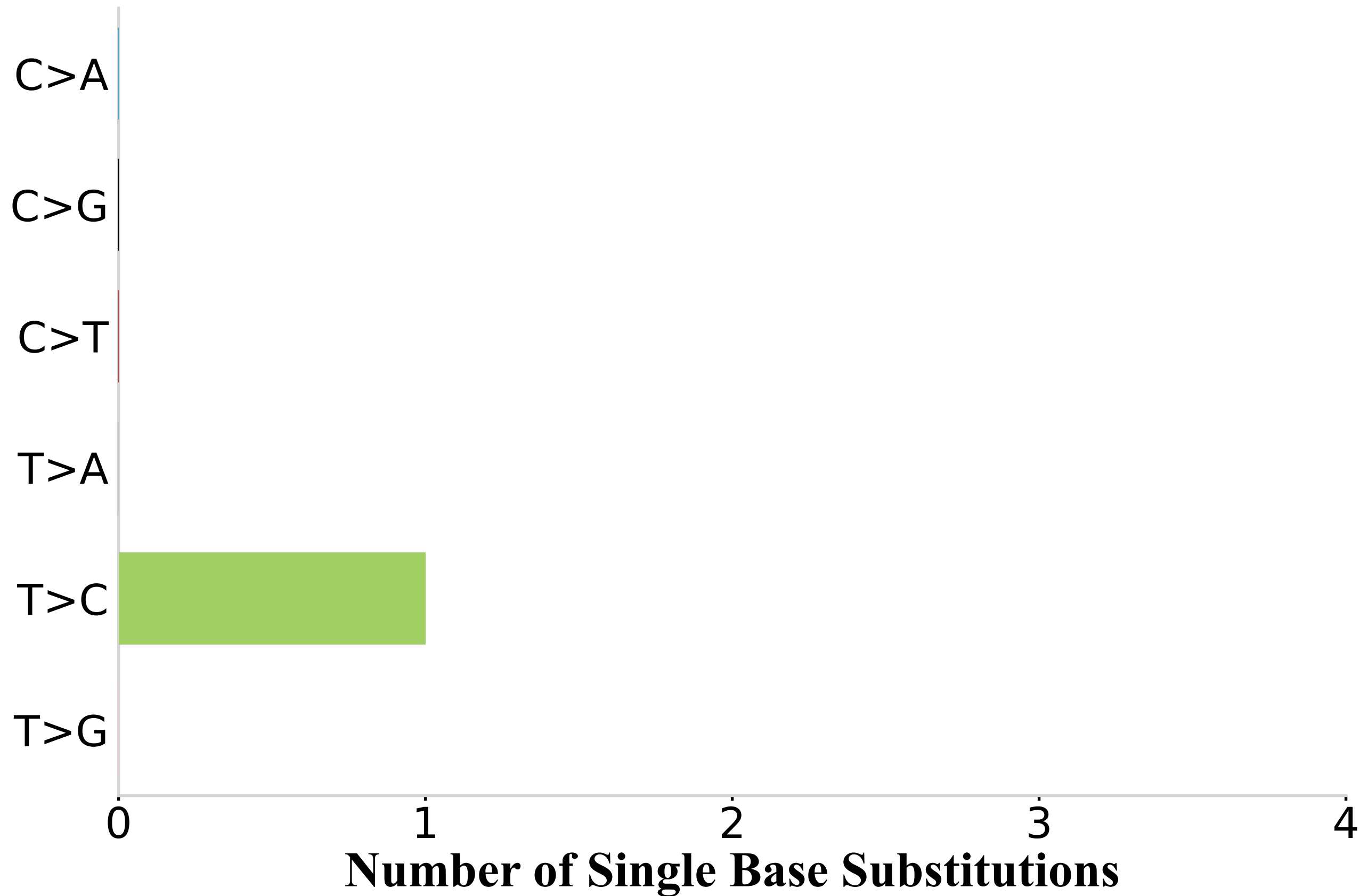
P-0042588-T01-IM6: 5 subs



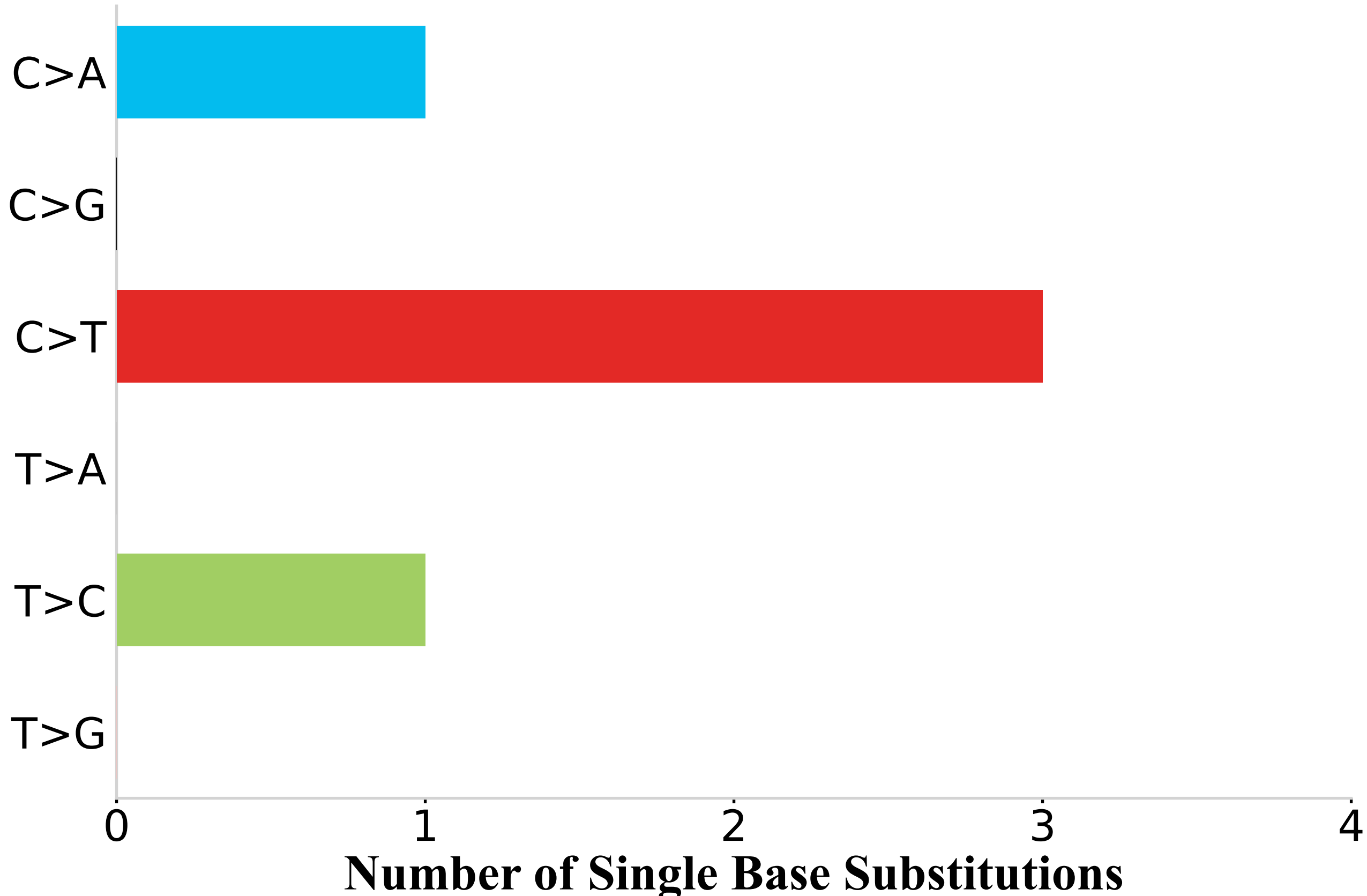
P-0042988-T01-IM6: 1 subs



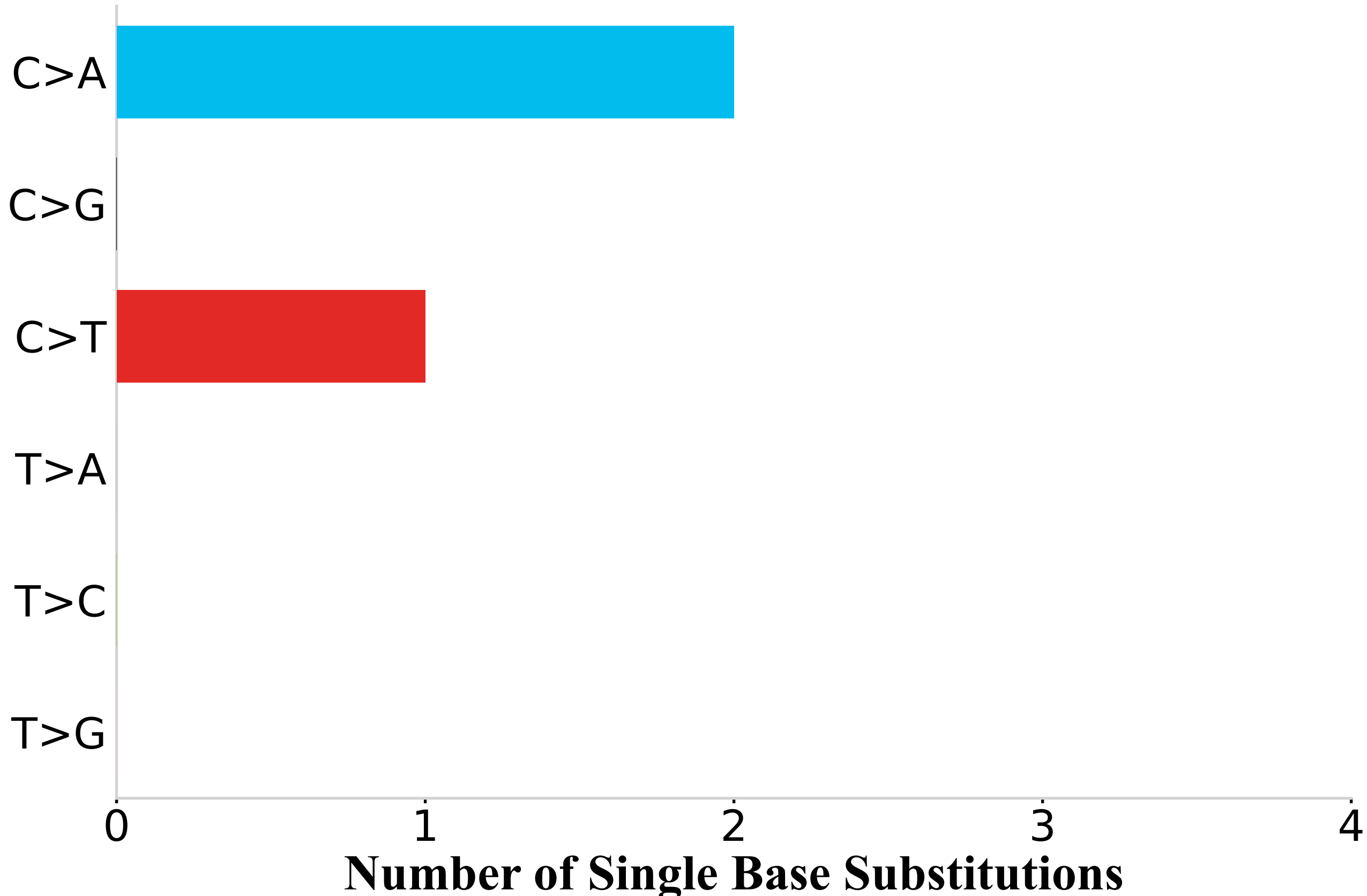
P-0043075-T01-IM6: 1 subs



P-0043519-T01-IM6: 5 subs



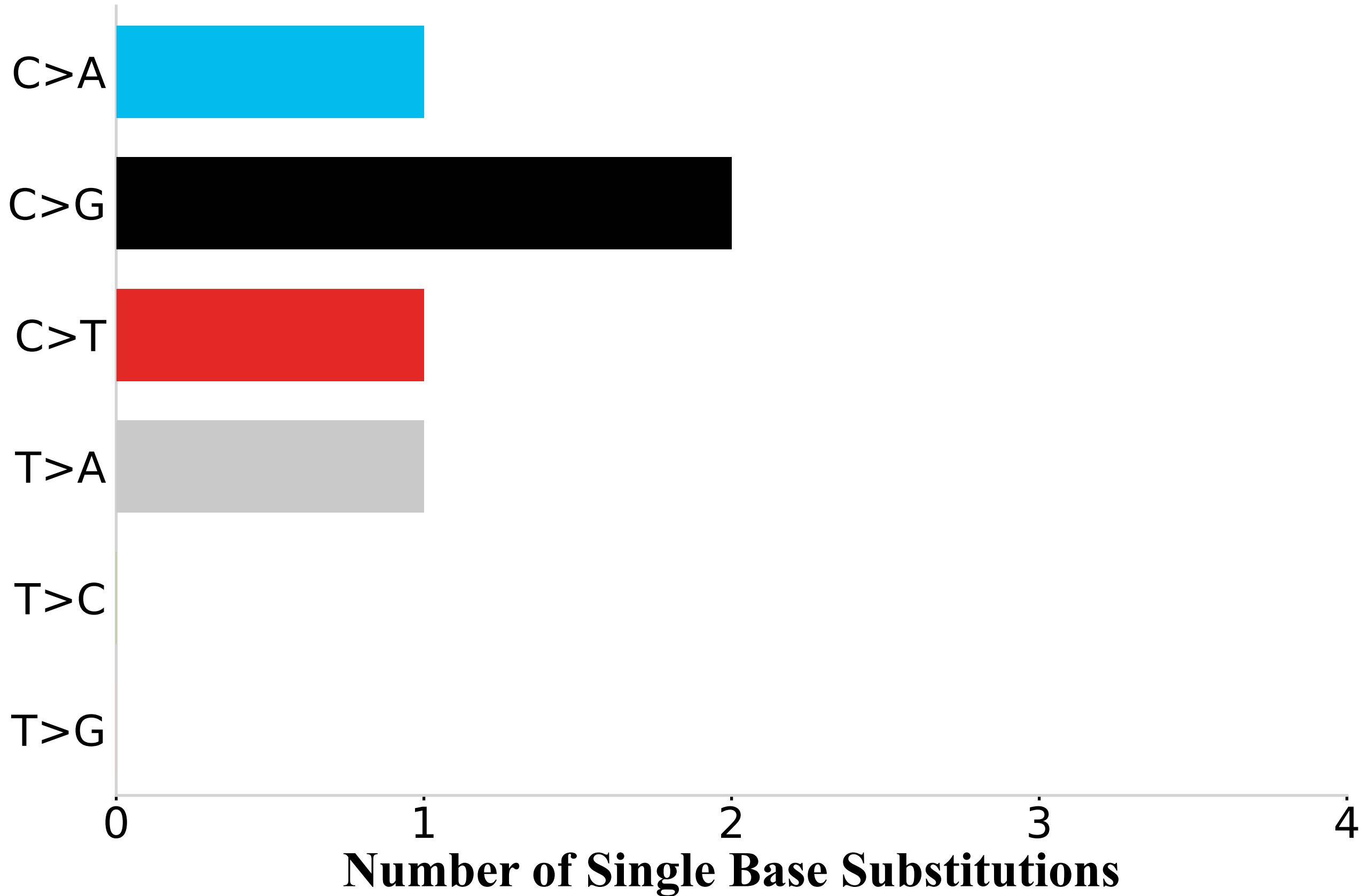
P-0043965-T01-IM6: 3 subs



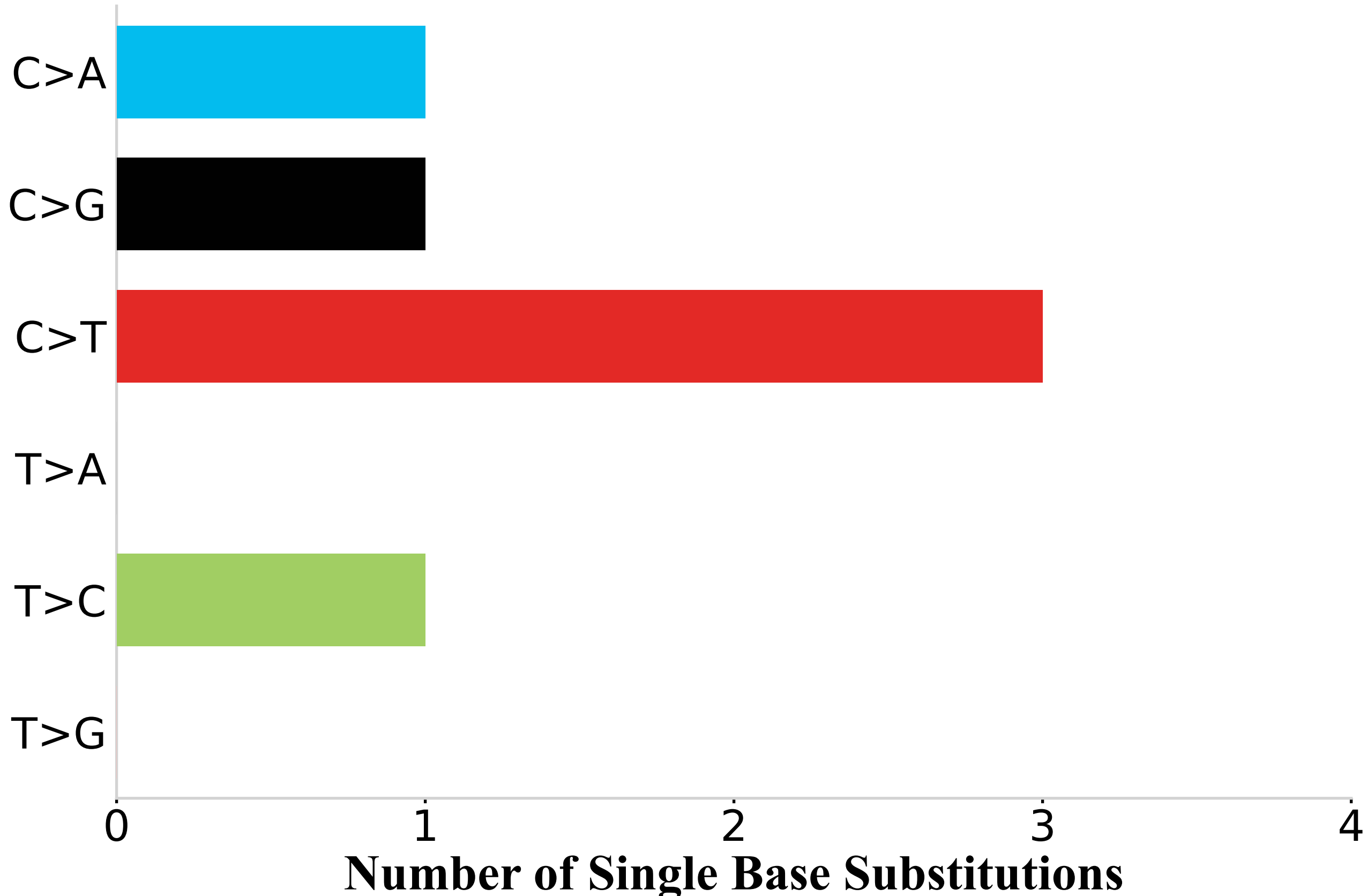
P-0044385-T01-IM6: 1 subs



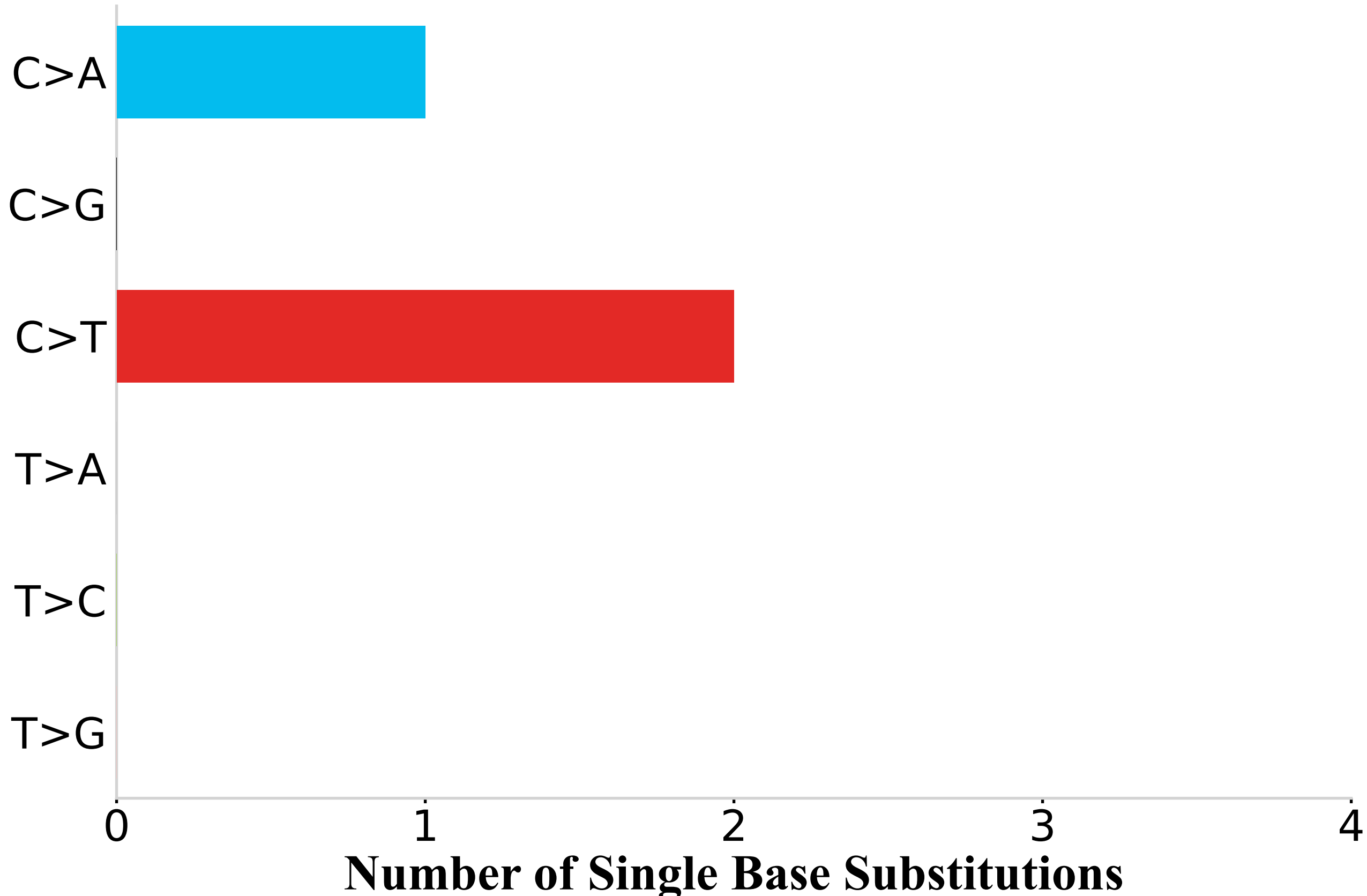
P-0044479-T01-IM6: 5 subs



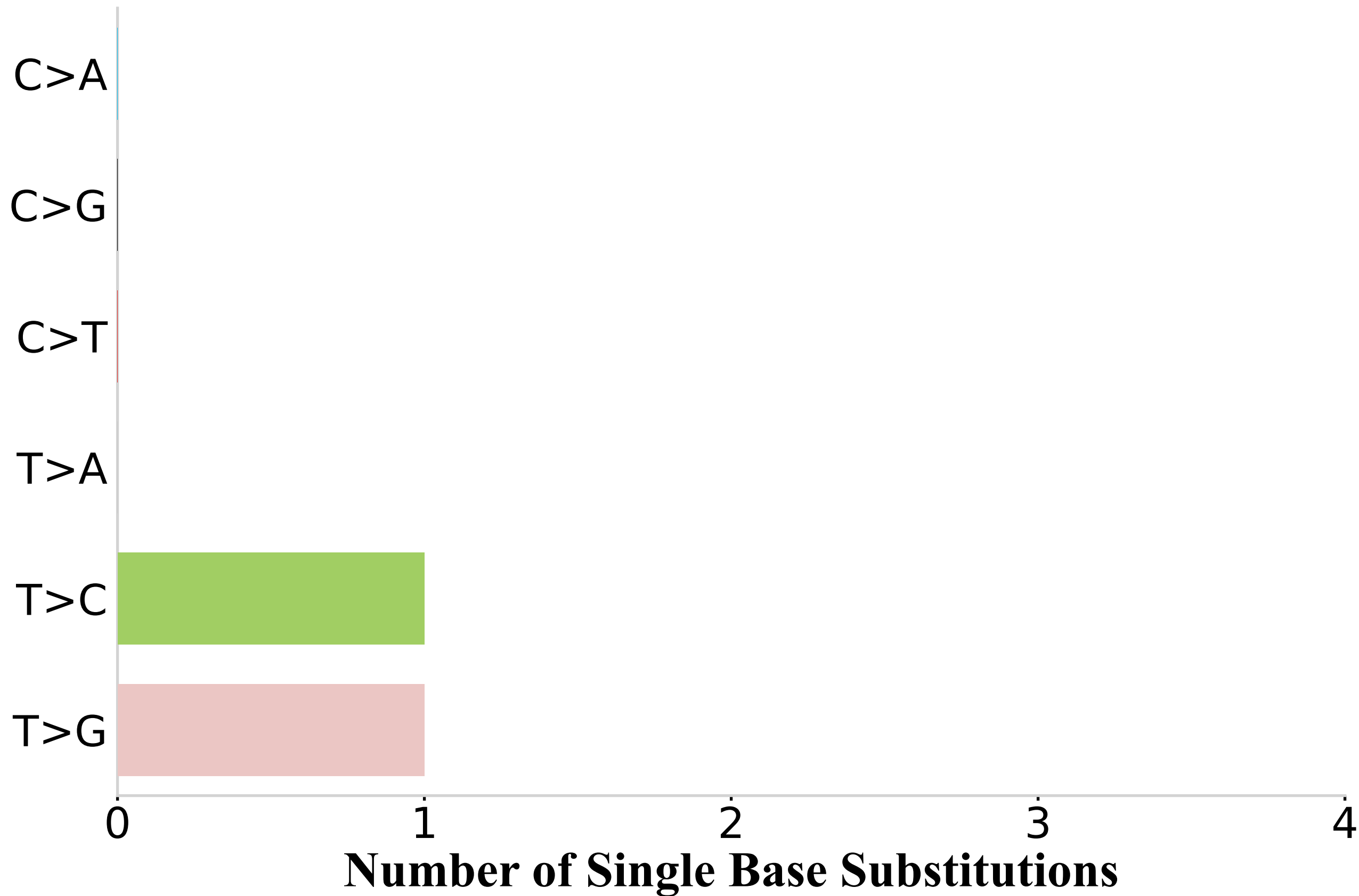
P-0045033-T01-IM6: 6 subs



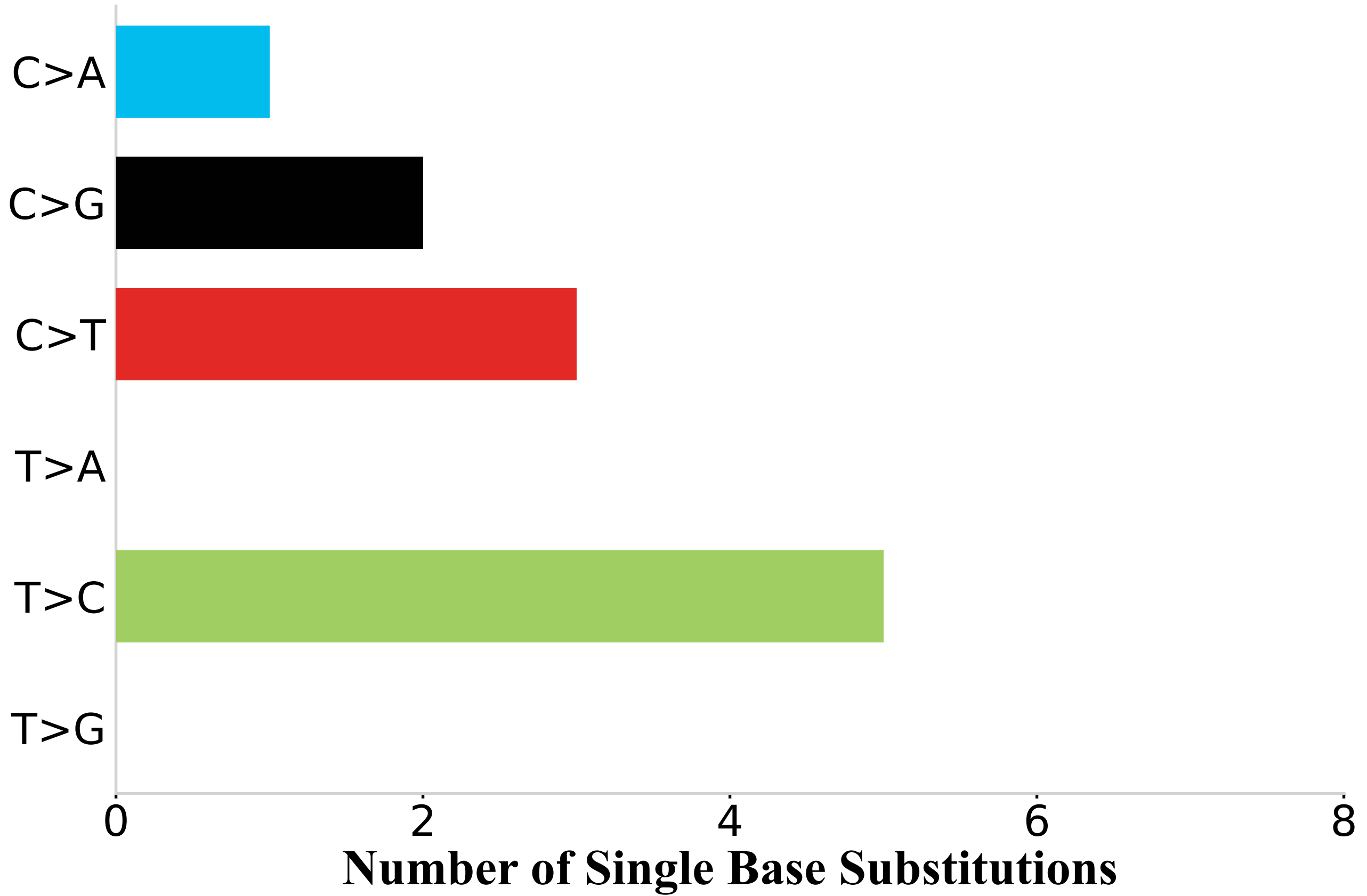
P-0045107-T01-IM6: 3 subs



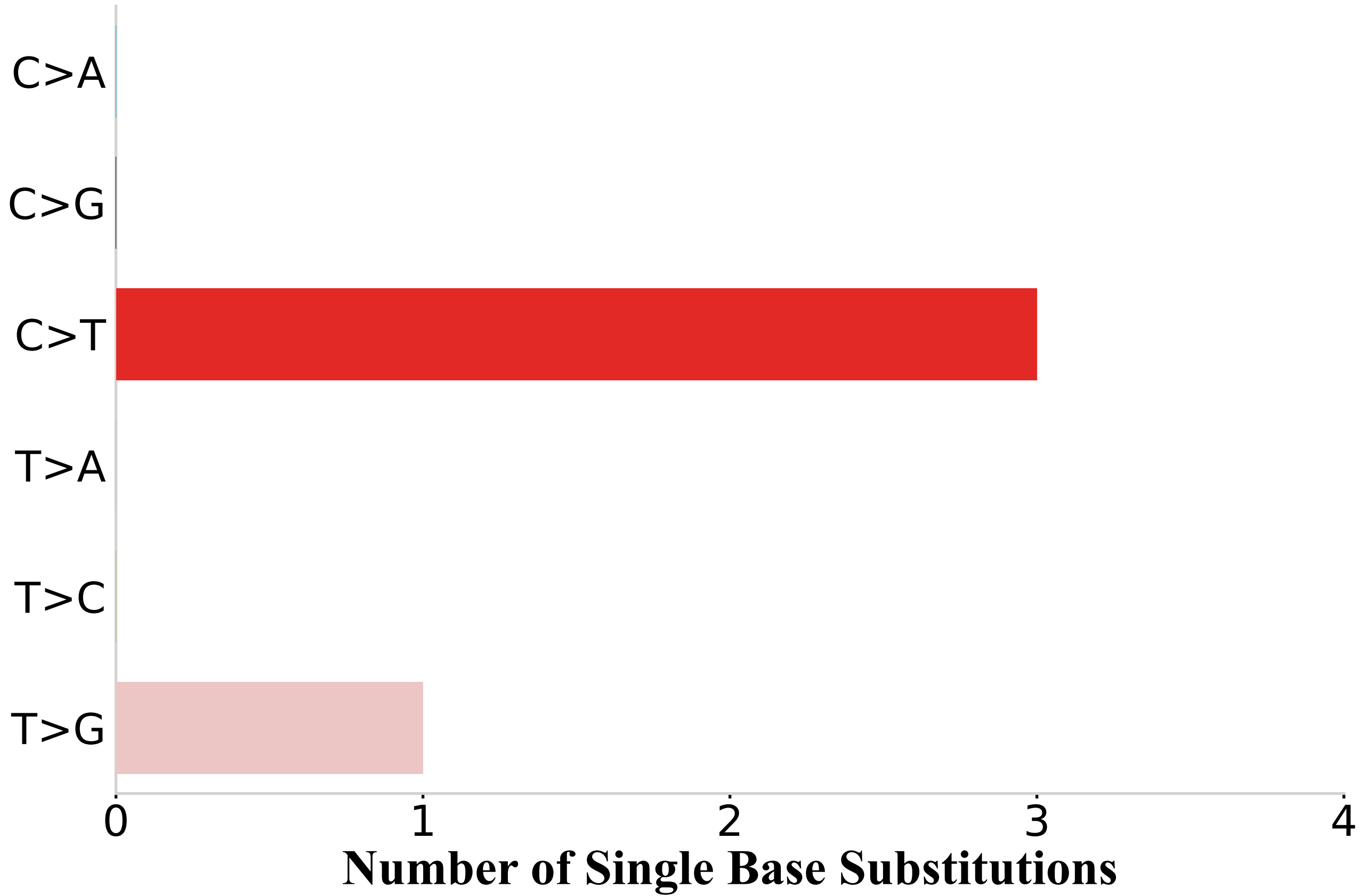
P-0045191-T01-IM6: 2 subs



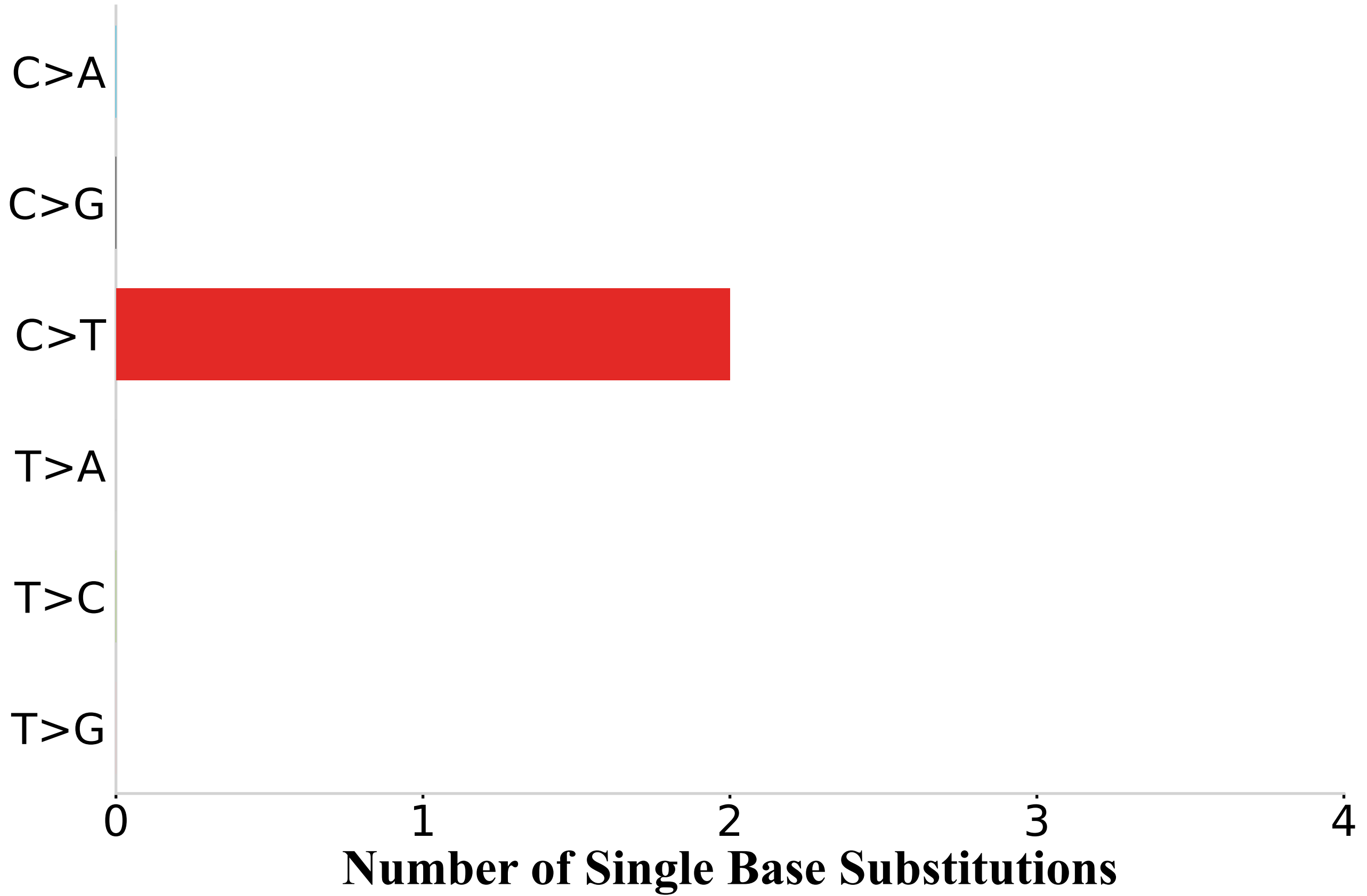
P-0045217-T01-IM6: 11 subs



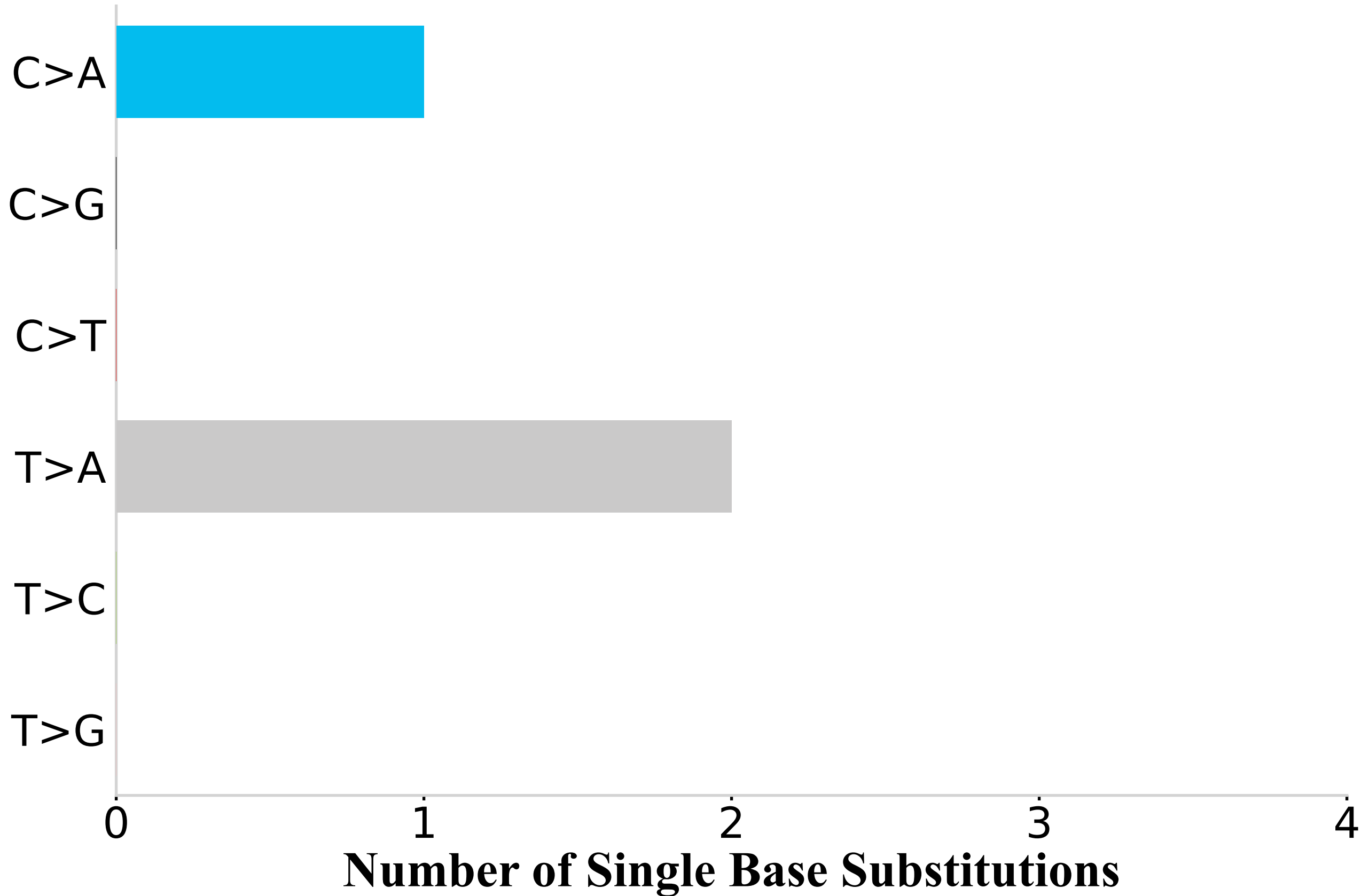
P-0045254-T01-IM6: 4 subs



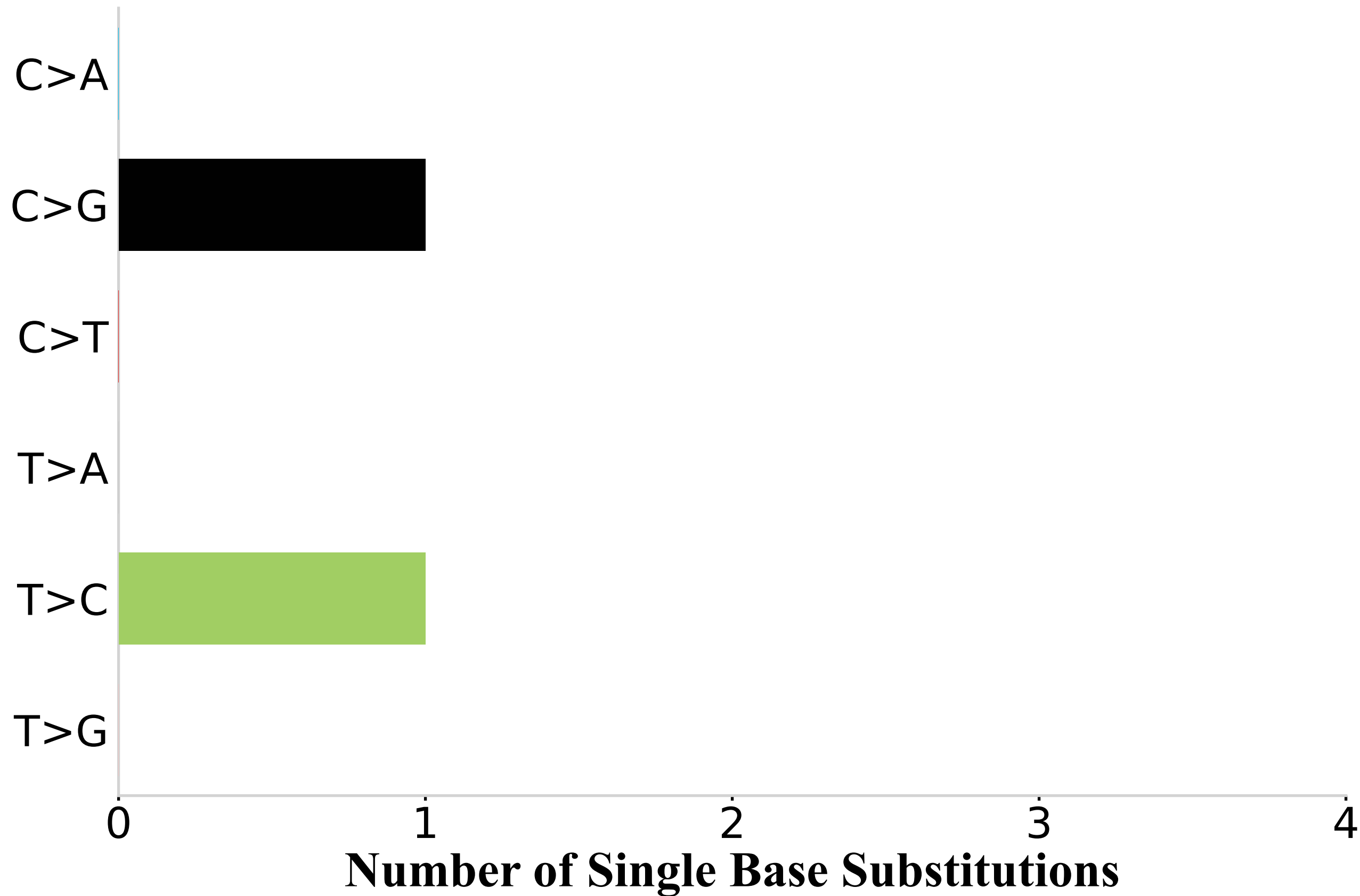
P-0045638-T01-IM6: 2 subs



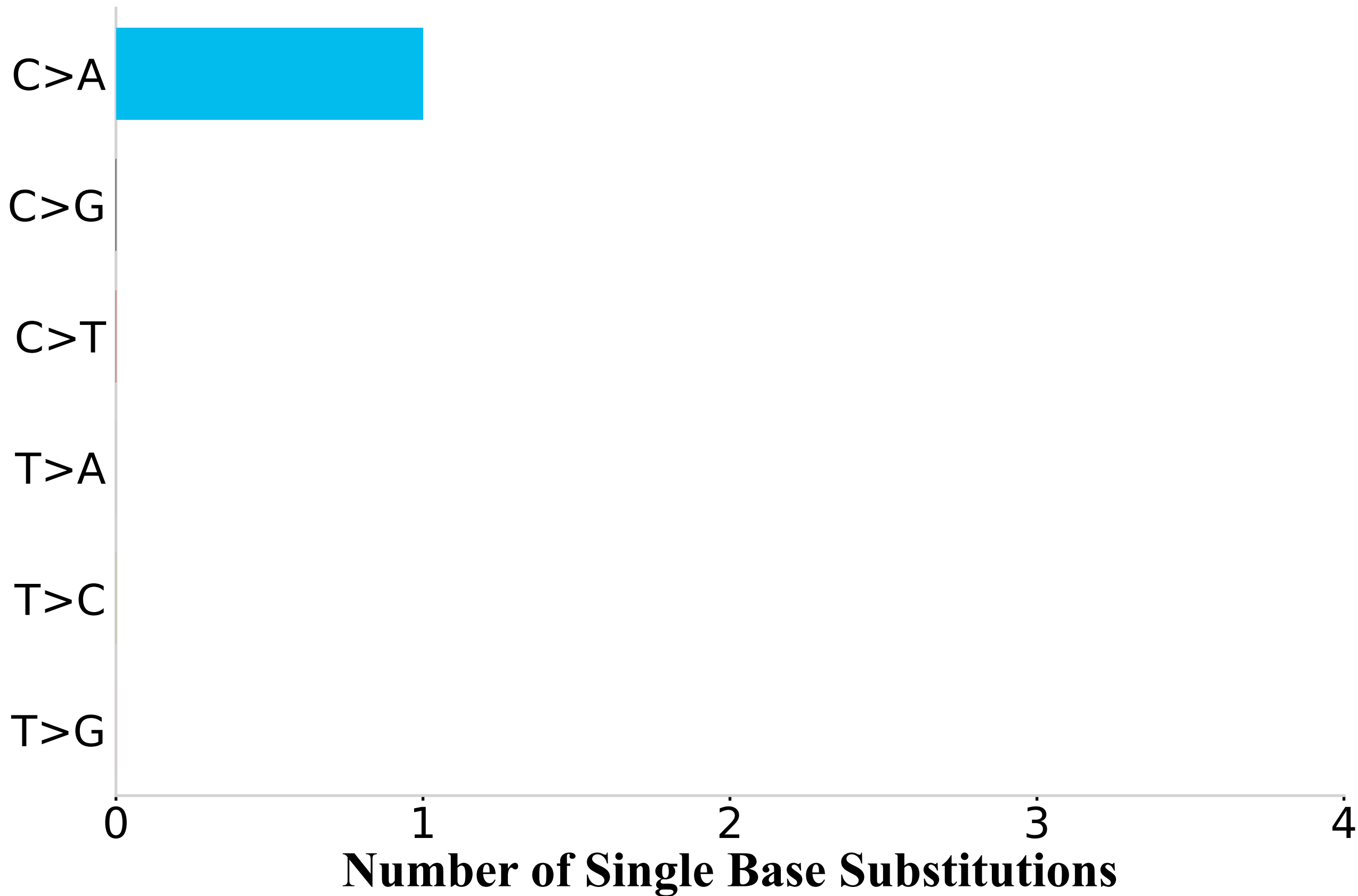
P-0046023-T01-IM6: 3 subs



P-0046080-T01-IM6: 2 subs



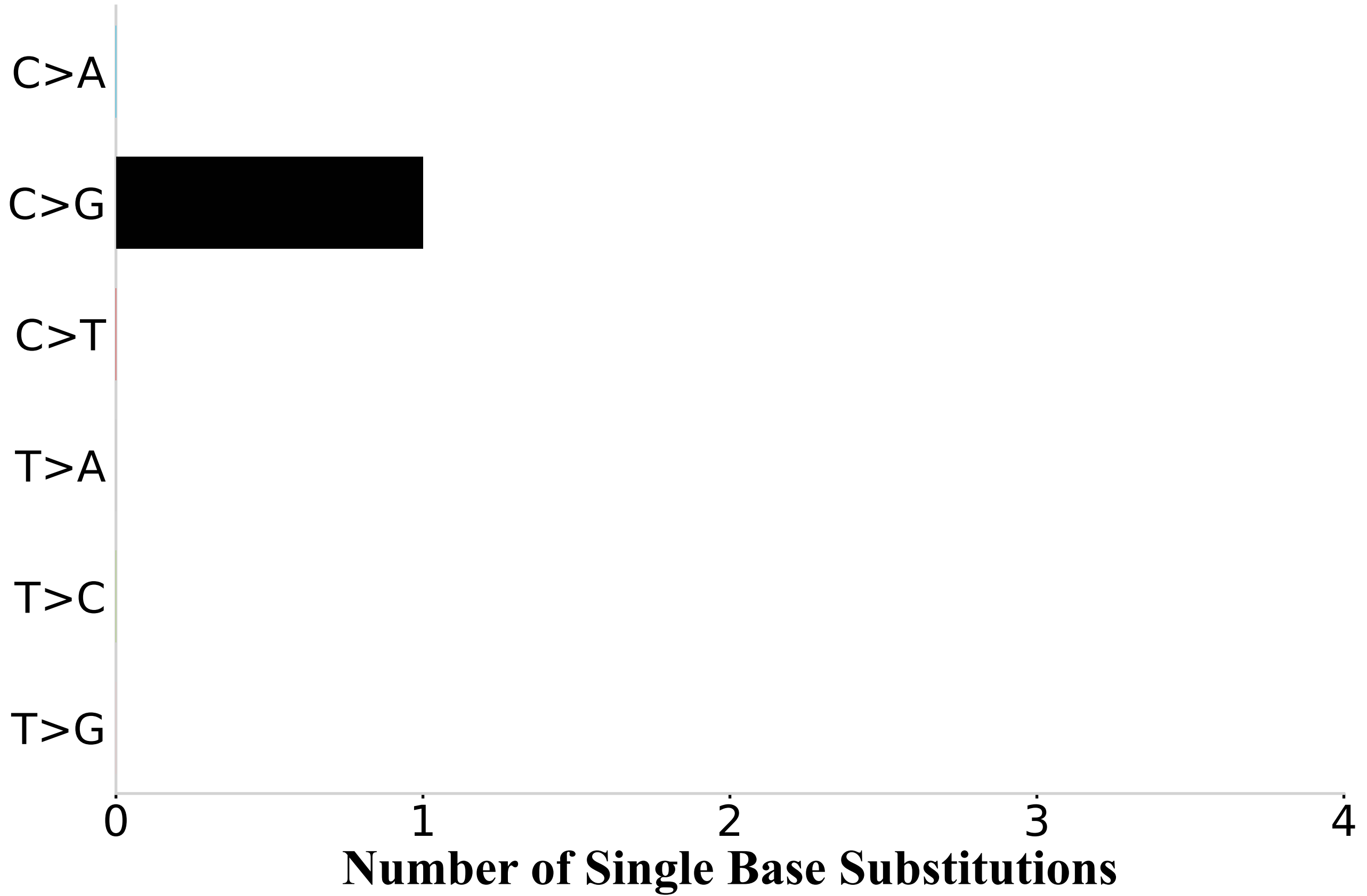
P-0046403-T01-IM6: 1 subs



P-0046542-T01-IM6: 2 subs



P-0046688-T01-IM6: 1 subs



P-0046810-T01-IM6: 2 subs

C>A

C>G

C>T

T>A

T>C

T>G

0

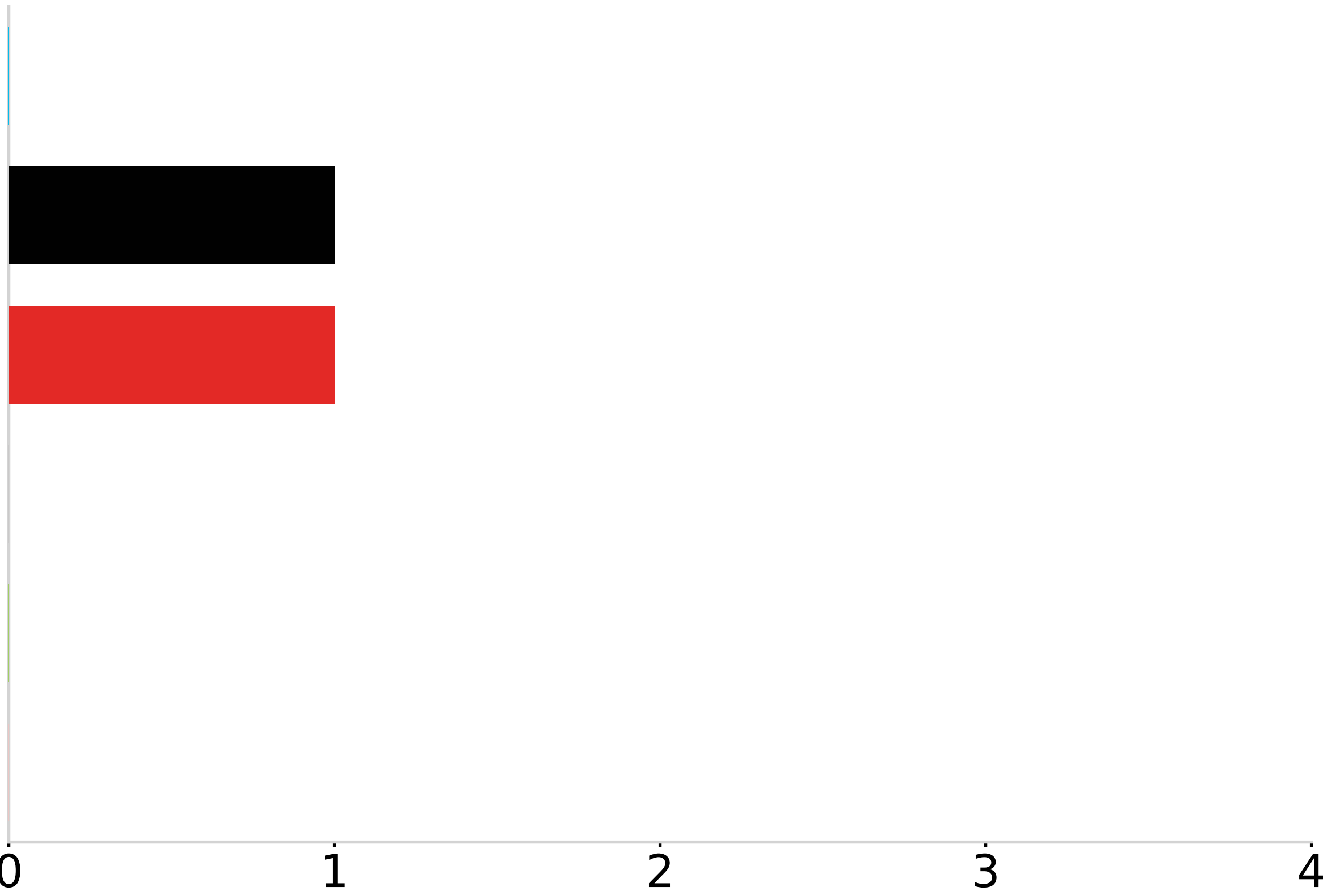
1

2

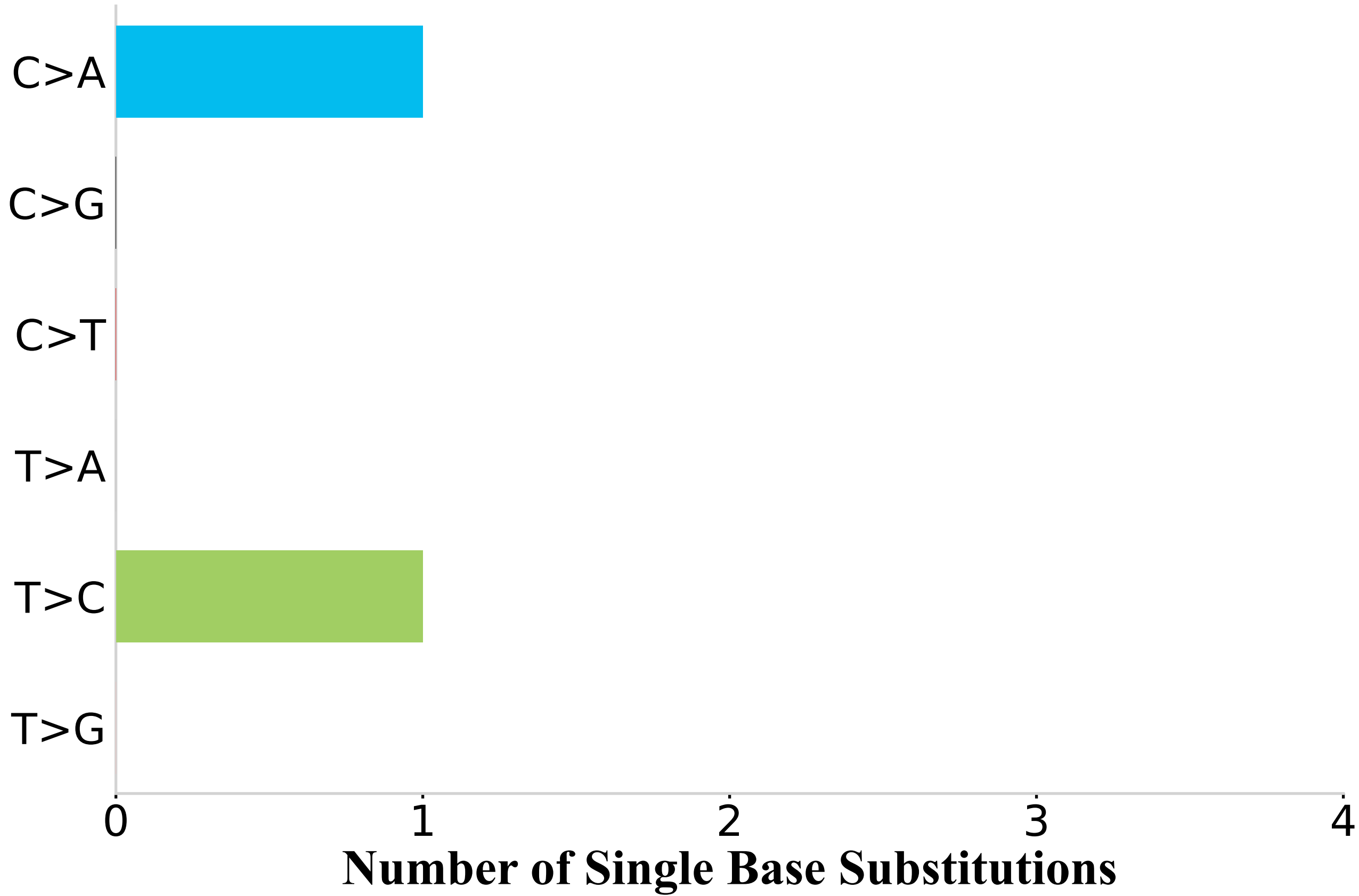
3

4

Number of Single Base Substitutions



P-0047422-T01-IM6: 2 subs



P-0047748-T01-IM6: 3 subs

C>A

C>G

C>T

T>A

T>C

T>G

0

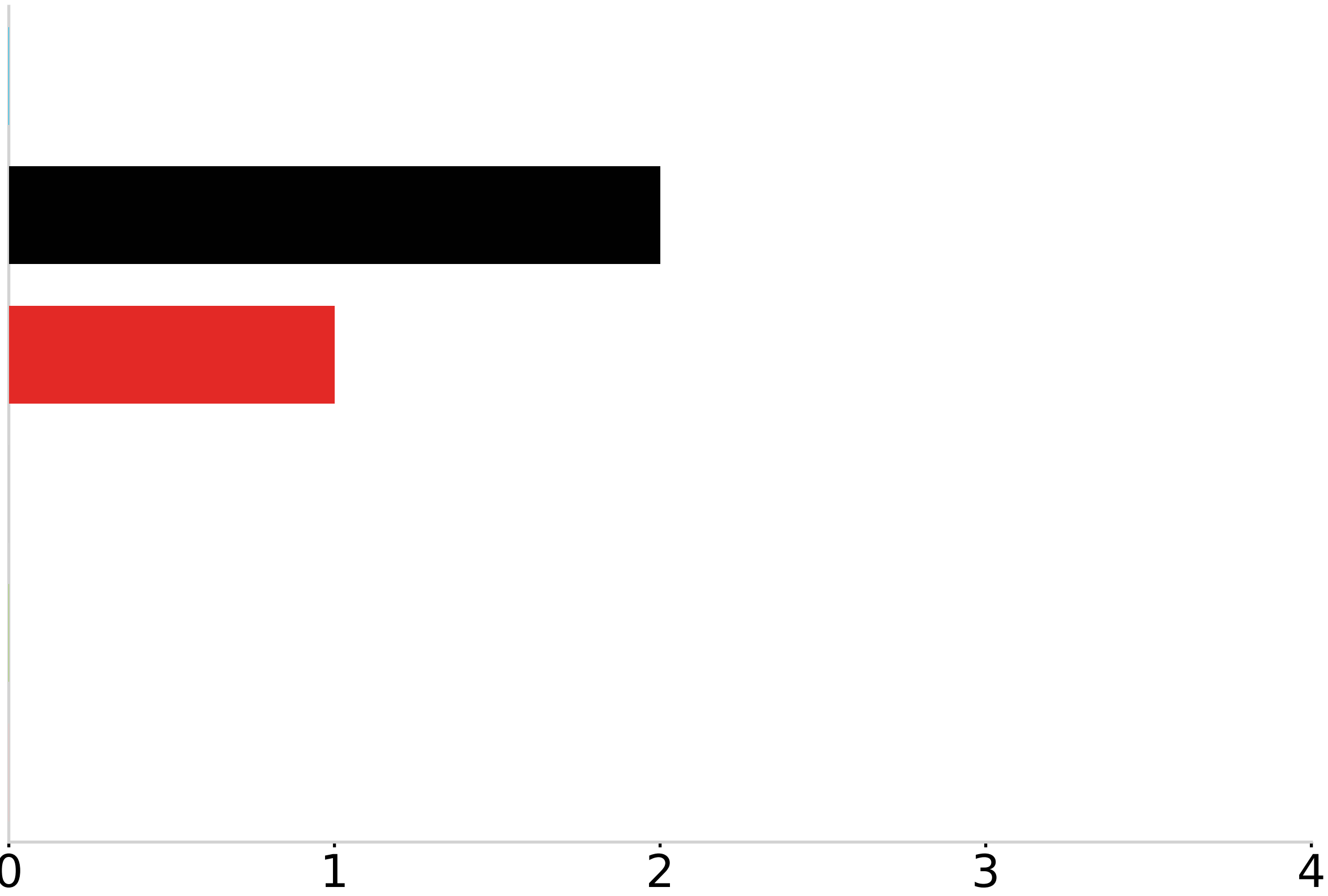
1

2

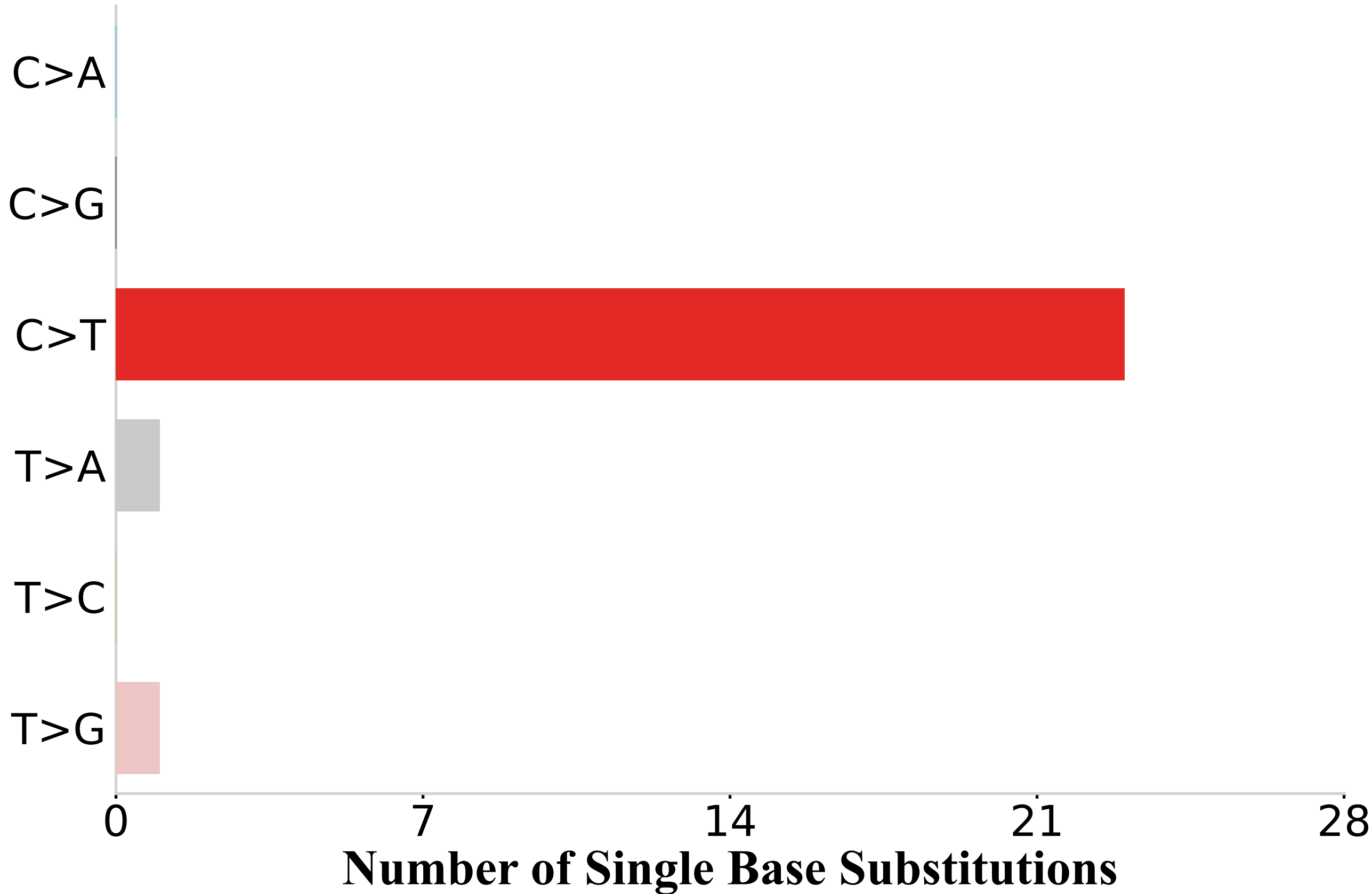
3

4

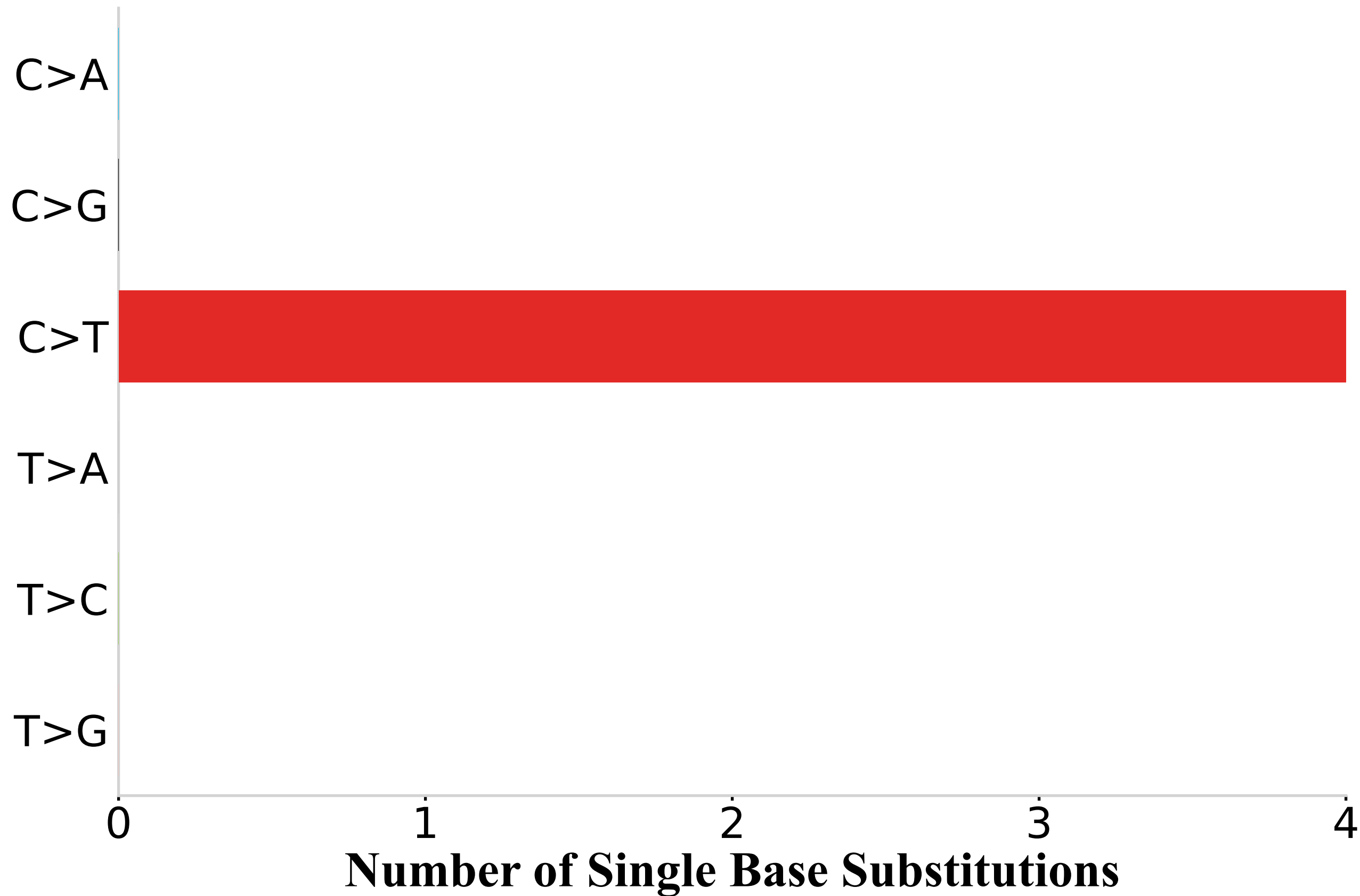
Number of Single Base Substitutions



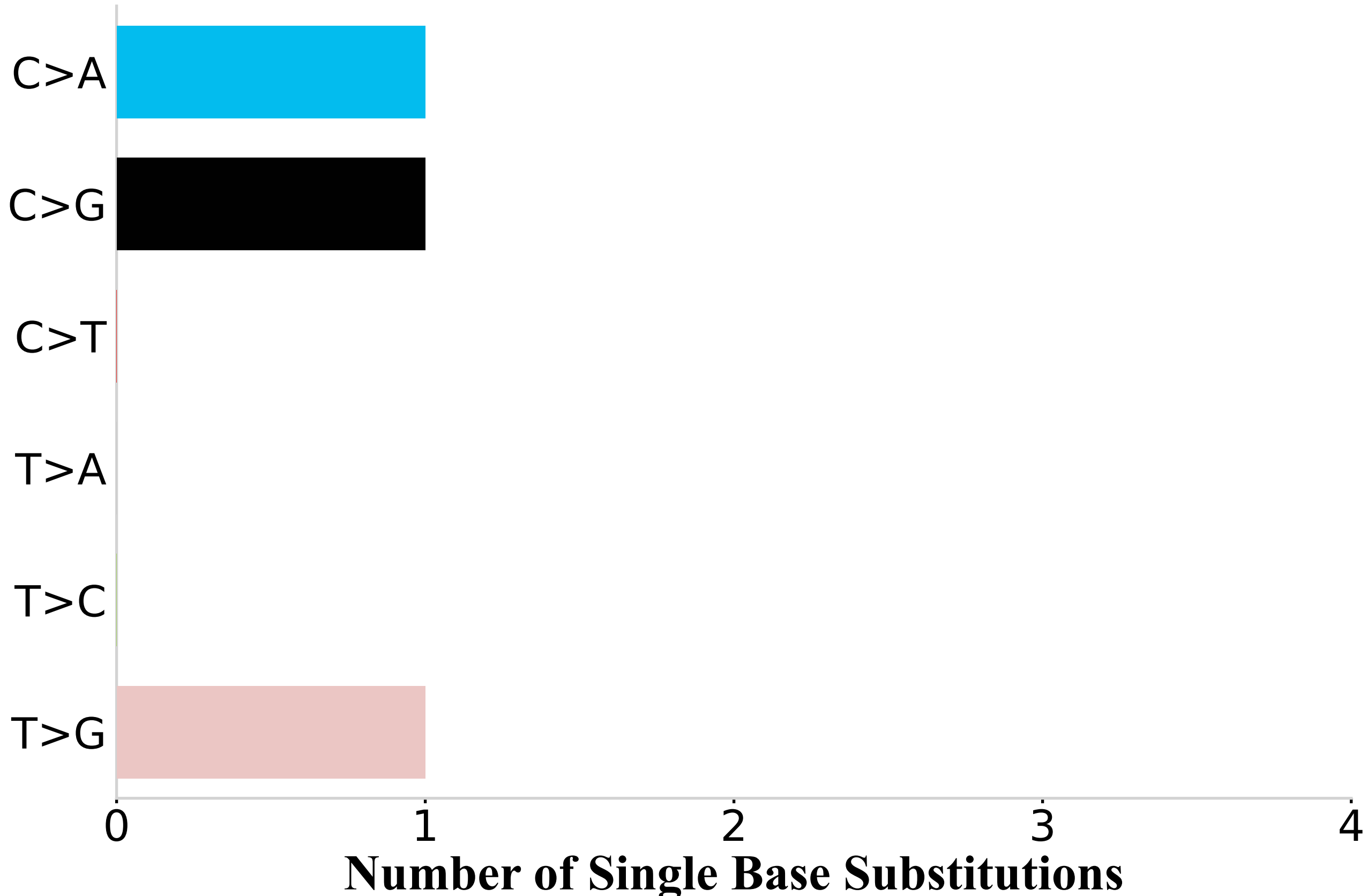
P-0048224-T01-IM6: 25 subs



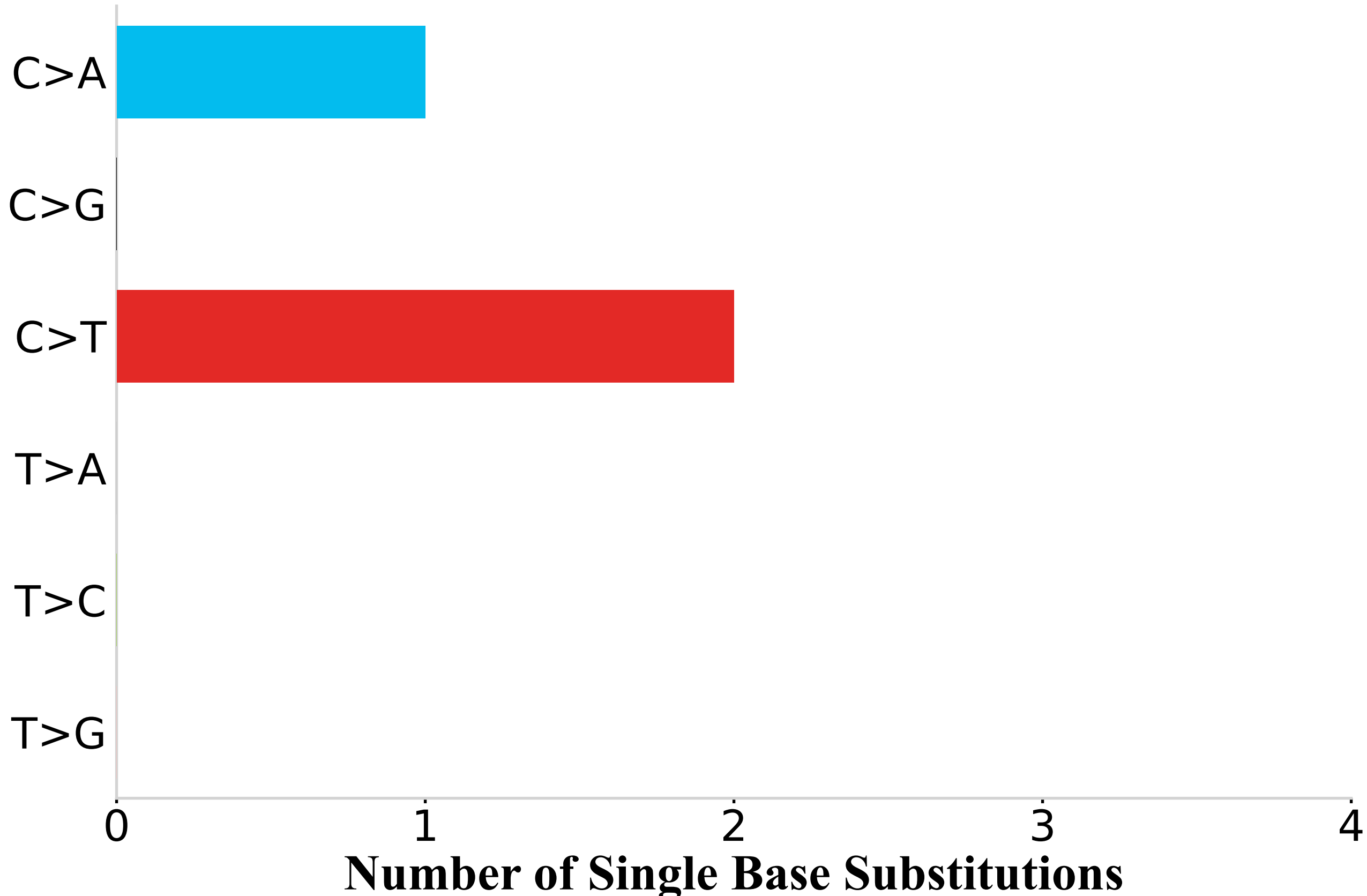
P-0048249-T01-IM6: 4 subs



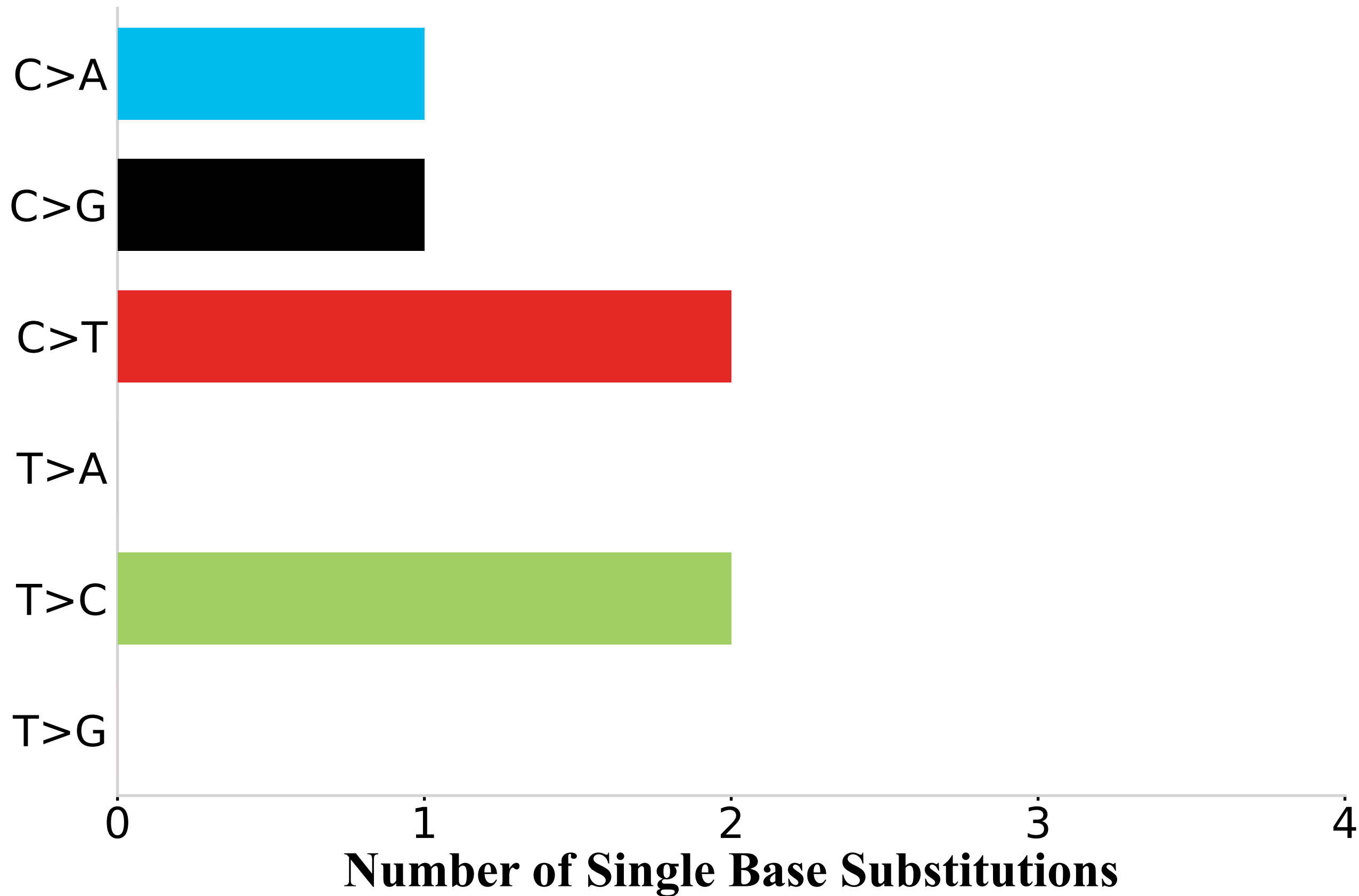
P-0048436-T01-IM6: 3 subs



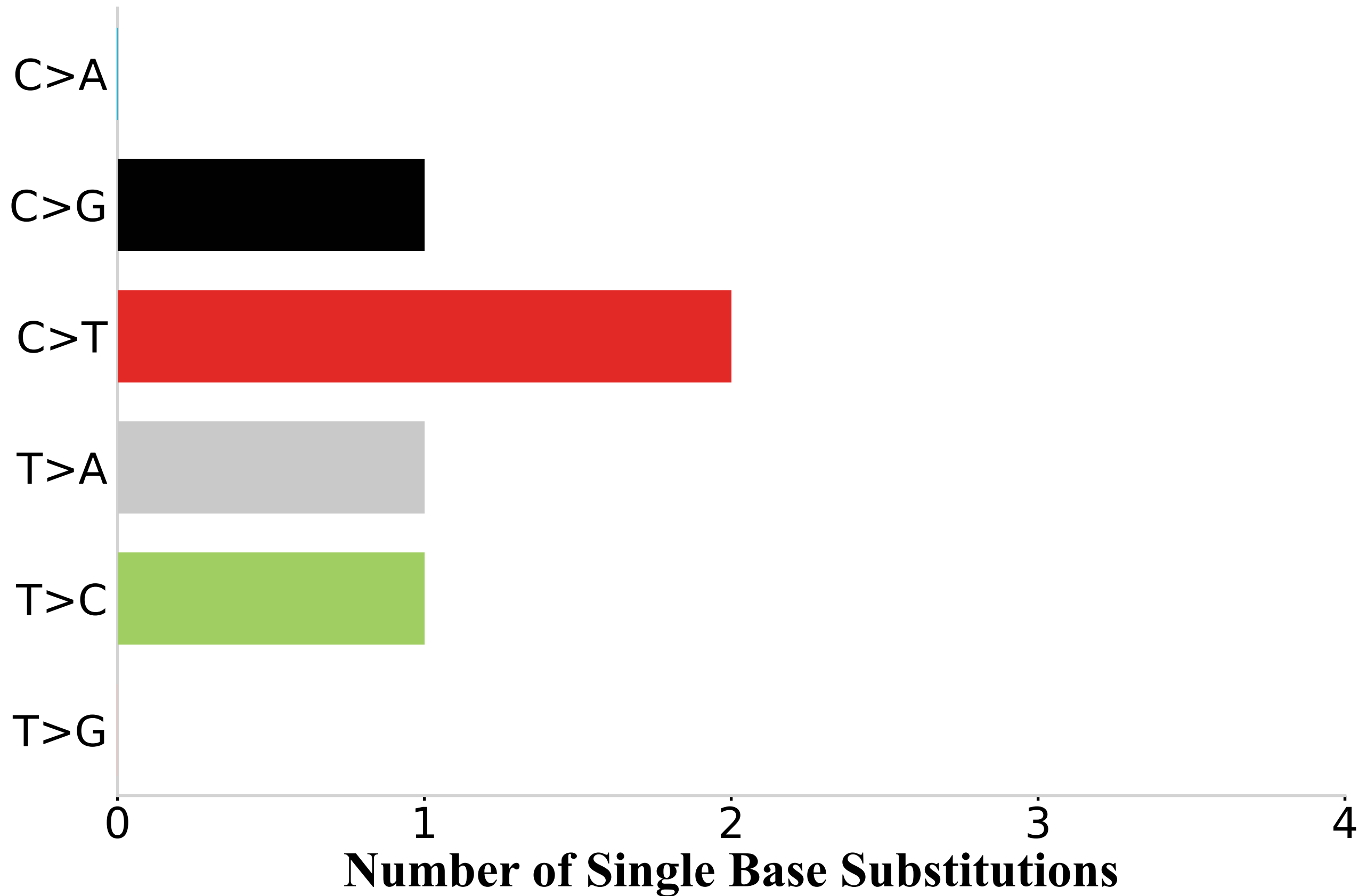
P-0048456-T01-IM6: 3 subs



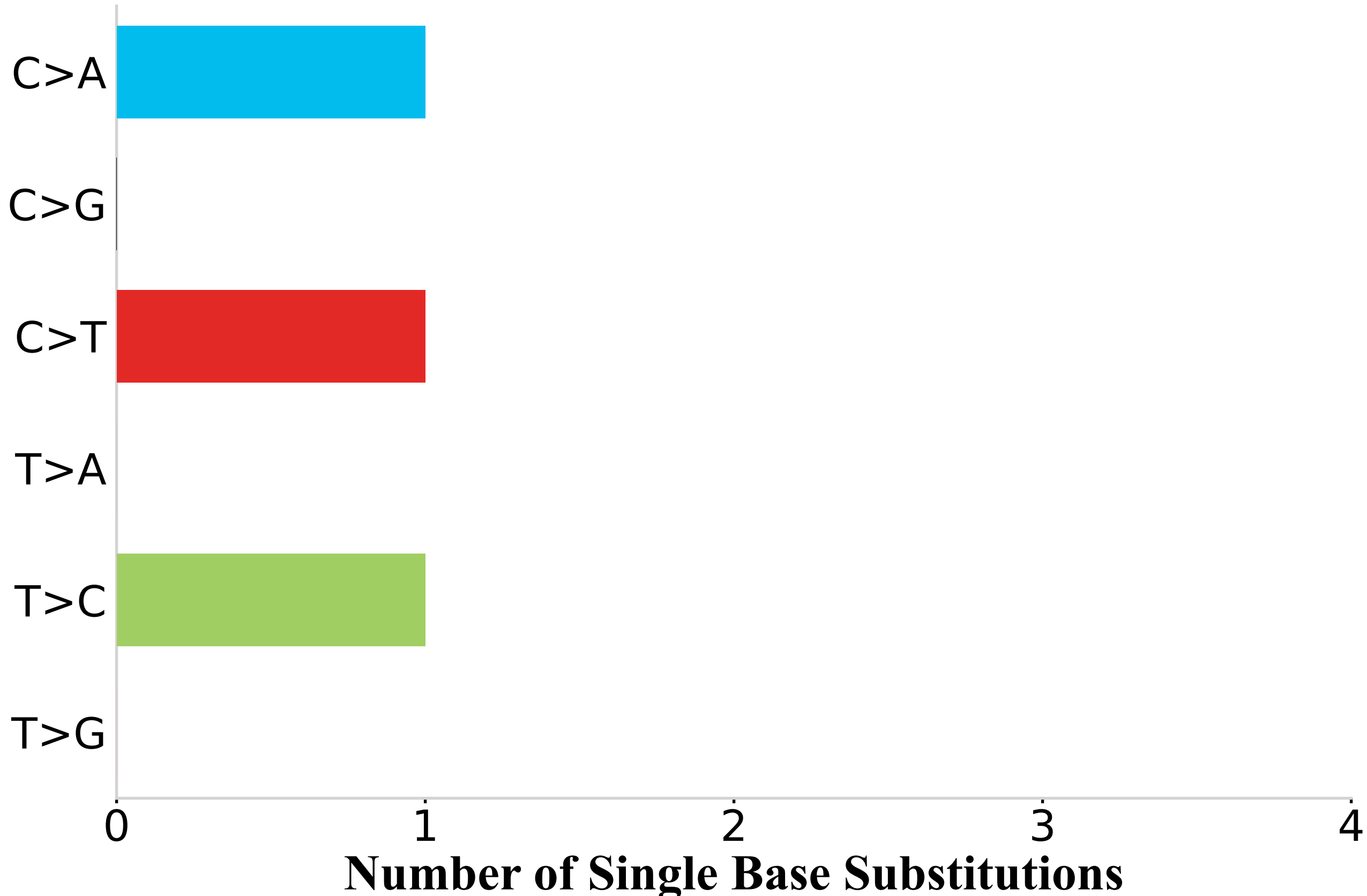
P-0048699-T01-IM6: 6 subs



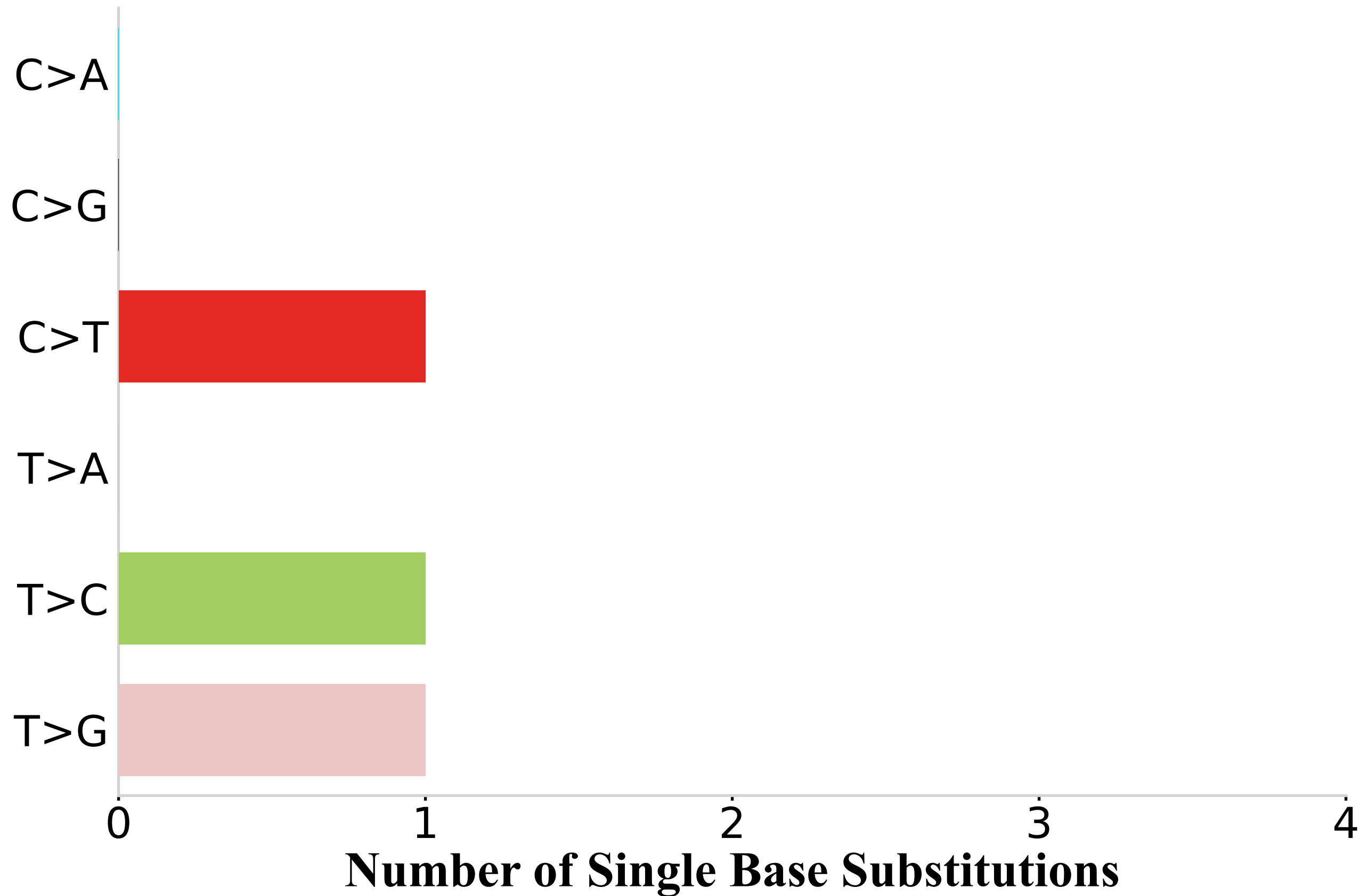
P-0048914-T01-IM6: 5 subs



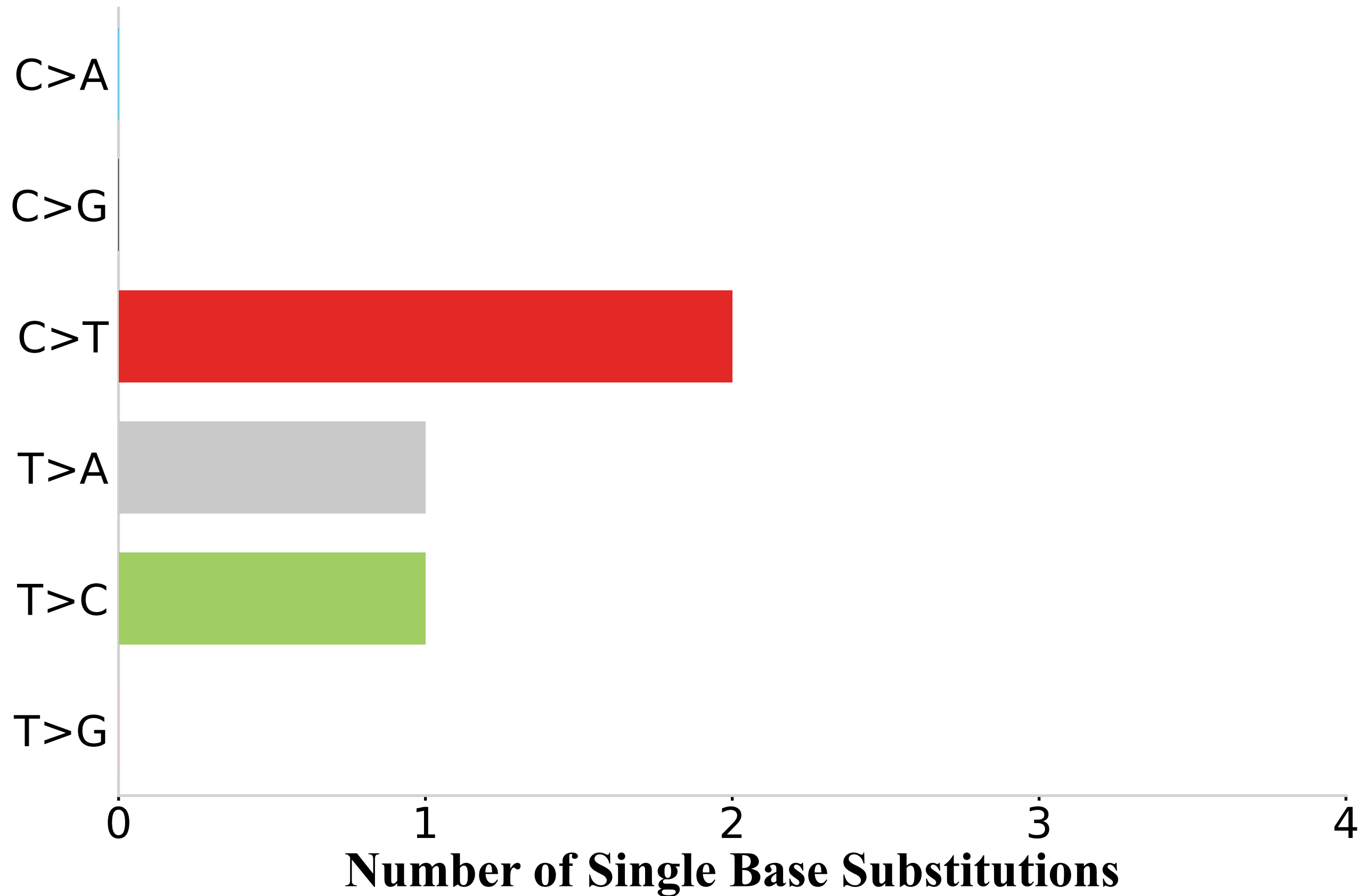
P-0049048-T01-IM6: 3 subs



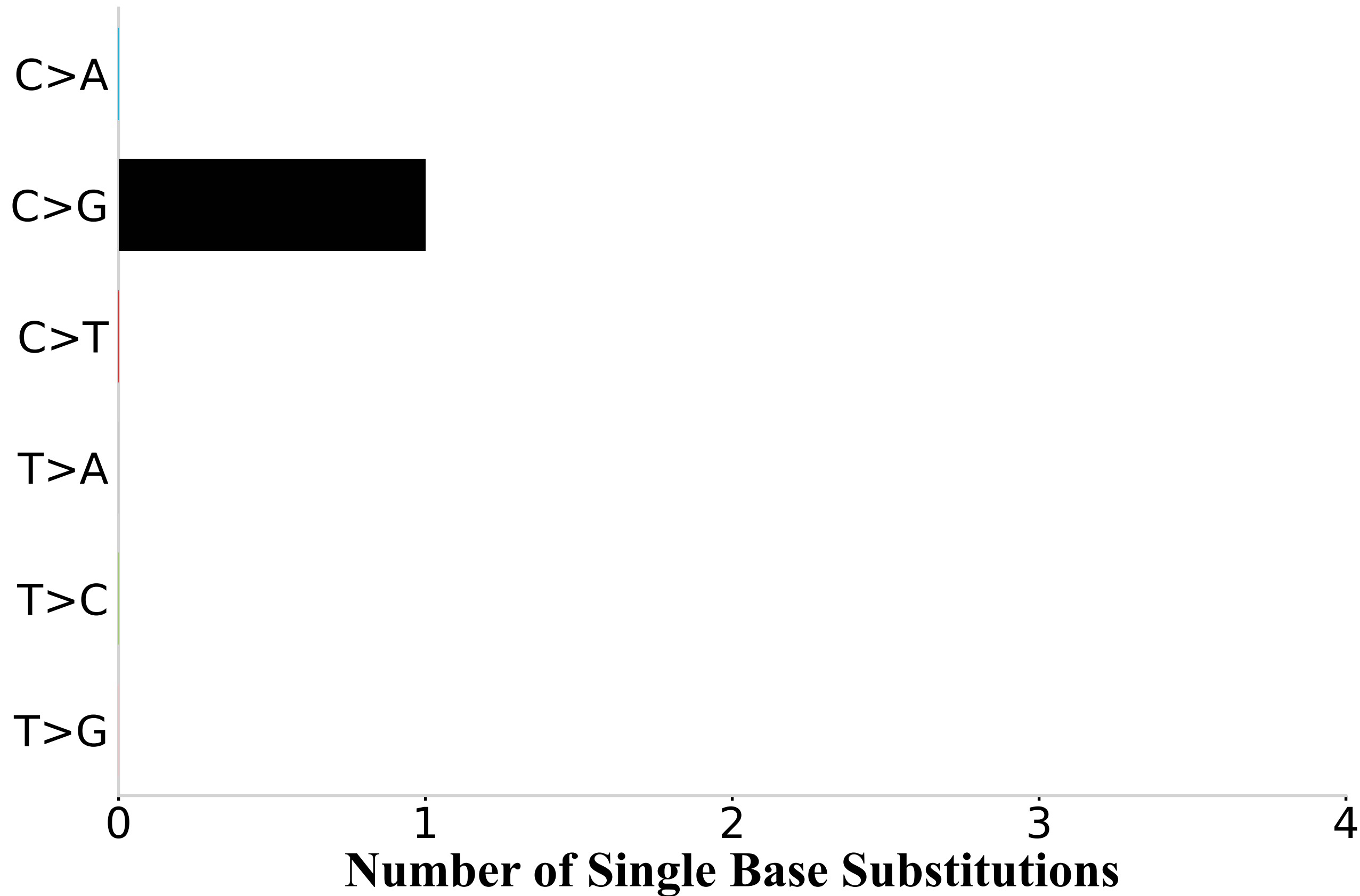
P-0049133-T02-IM6: 3 subs



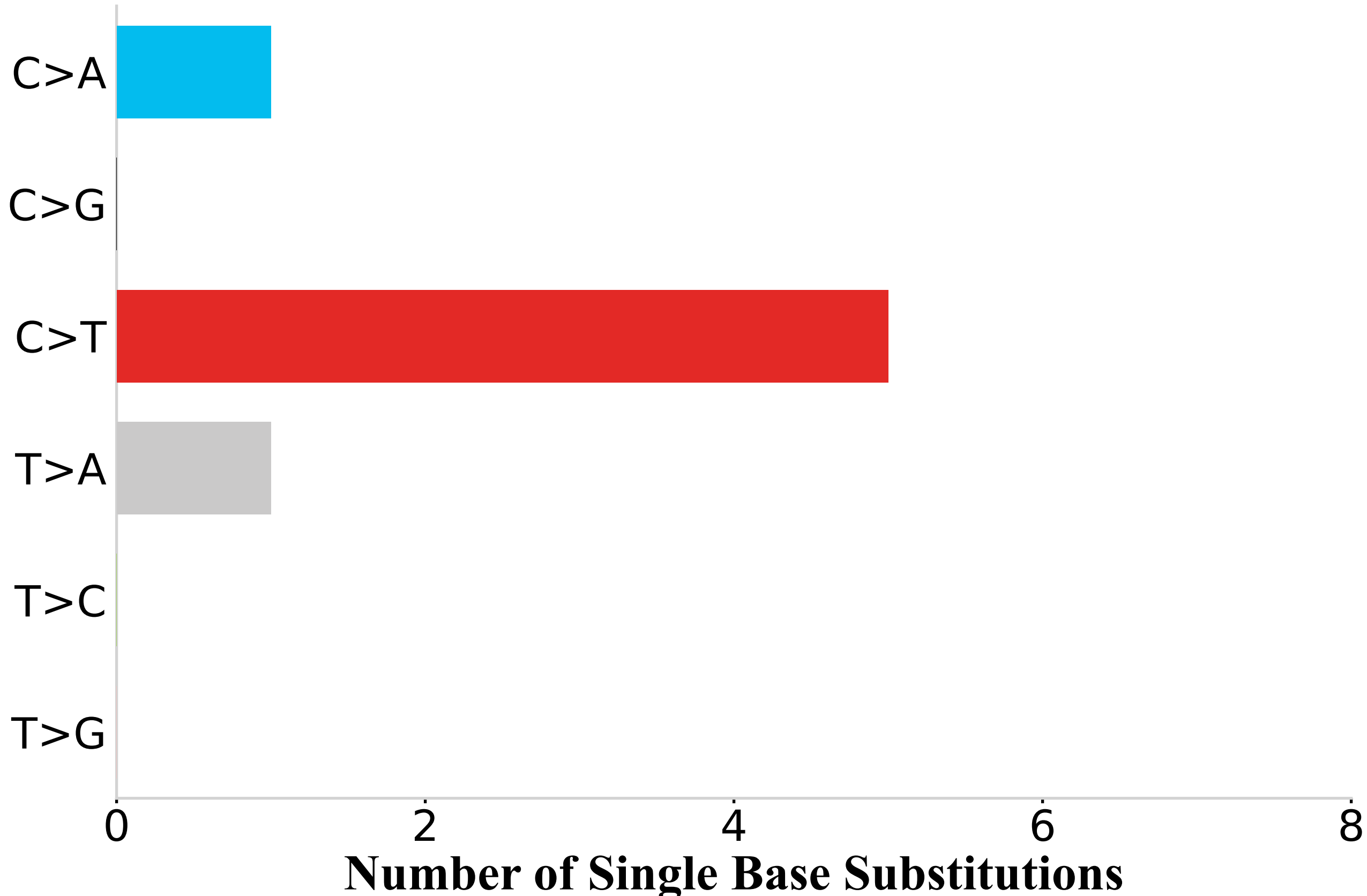
P-0049360-T01-IM6: 4 subs



P-0049758-T01-IM6: 1 subs



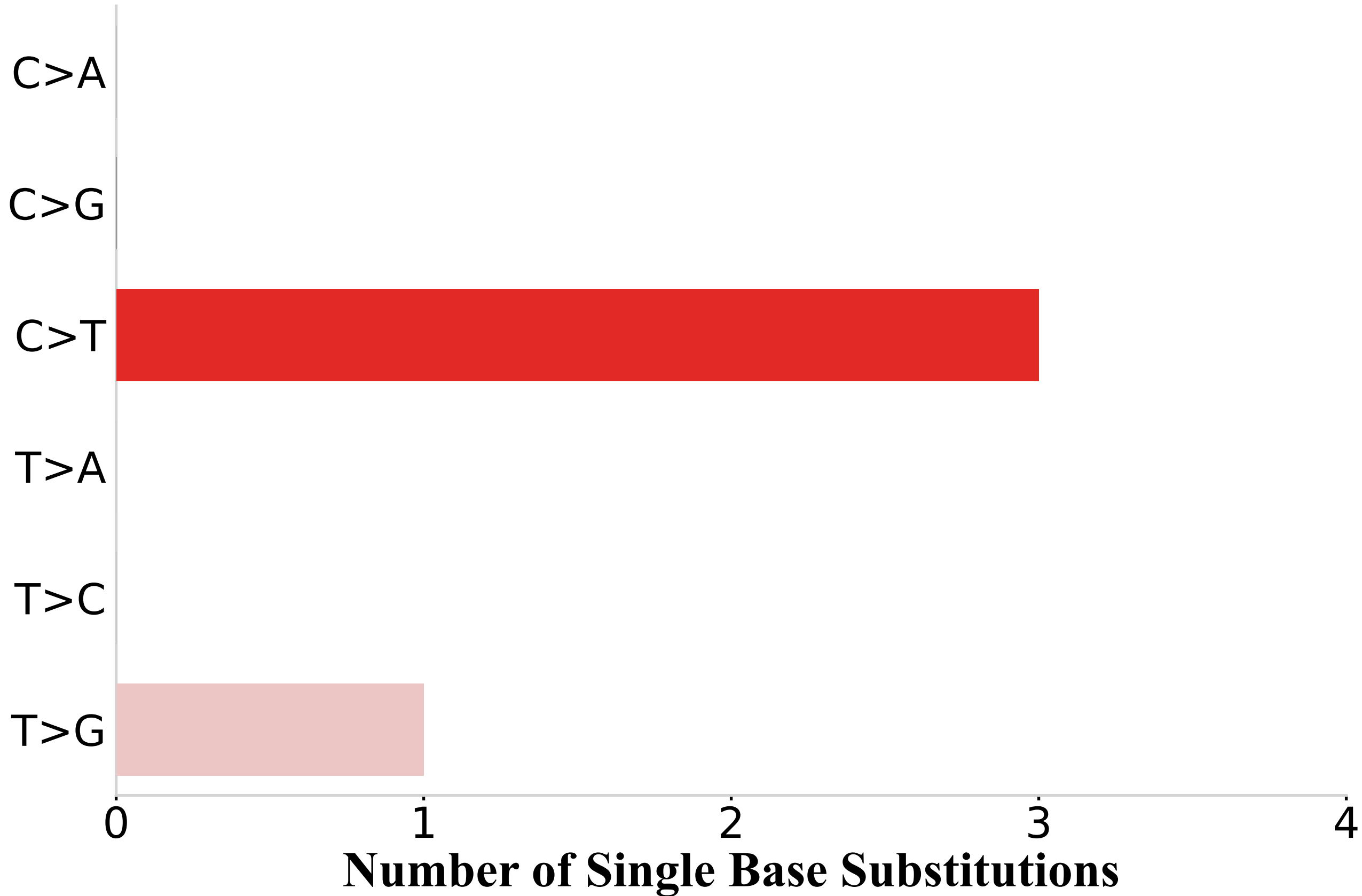
P-0049794-T01-IM6: 7 subs



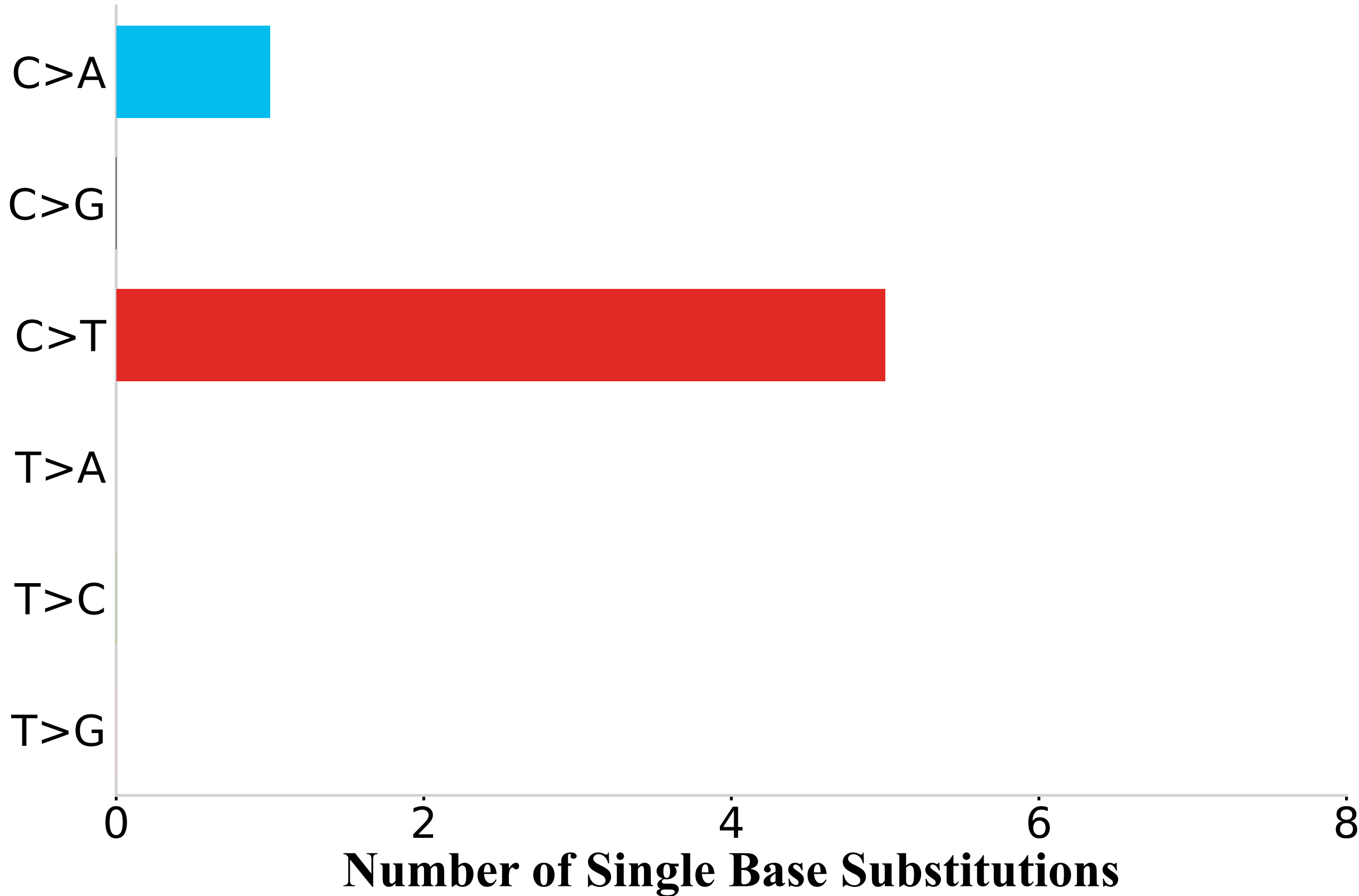
P-0049881-T01-IM6: 1 subs



P-0050005-T01-IM6: 4 subs



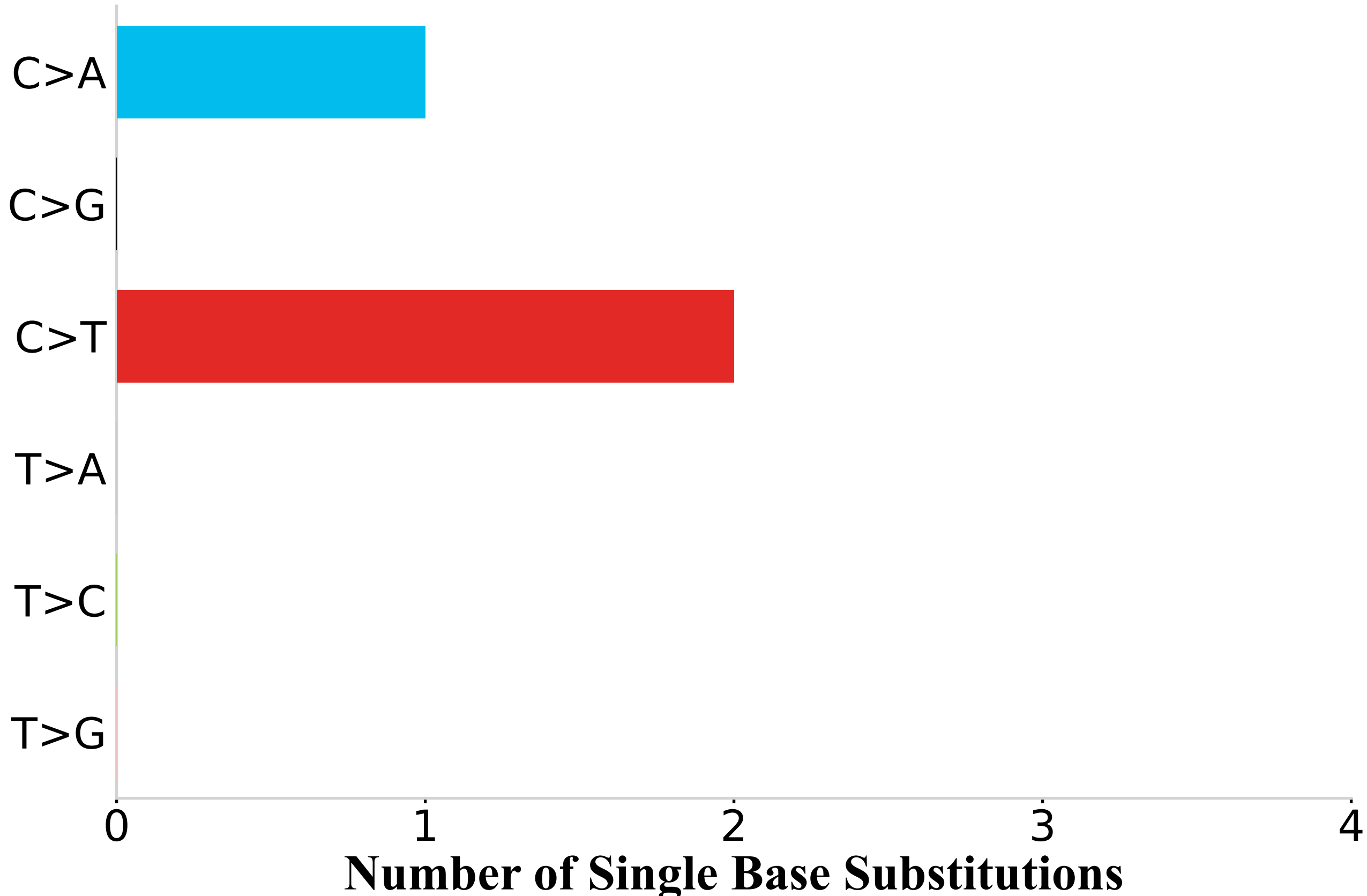
P-0050085-T01-IM6: 6 subs



P-0050124-T01-IM6: 2 subs



P-0050145-T01-IM6: 3 subs



P-0050270-T01-IM6: 3 subs

