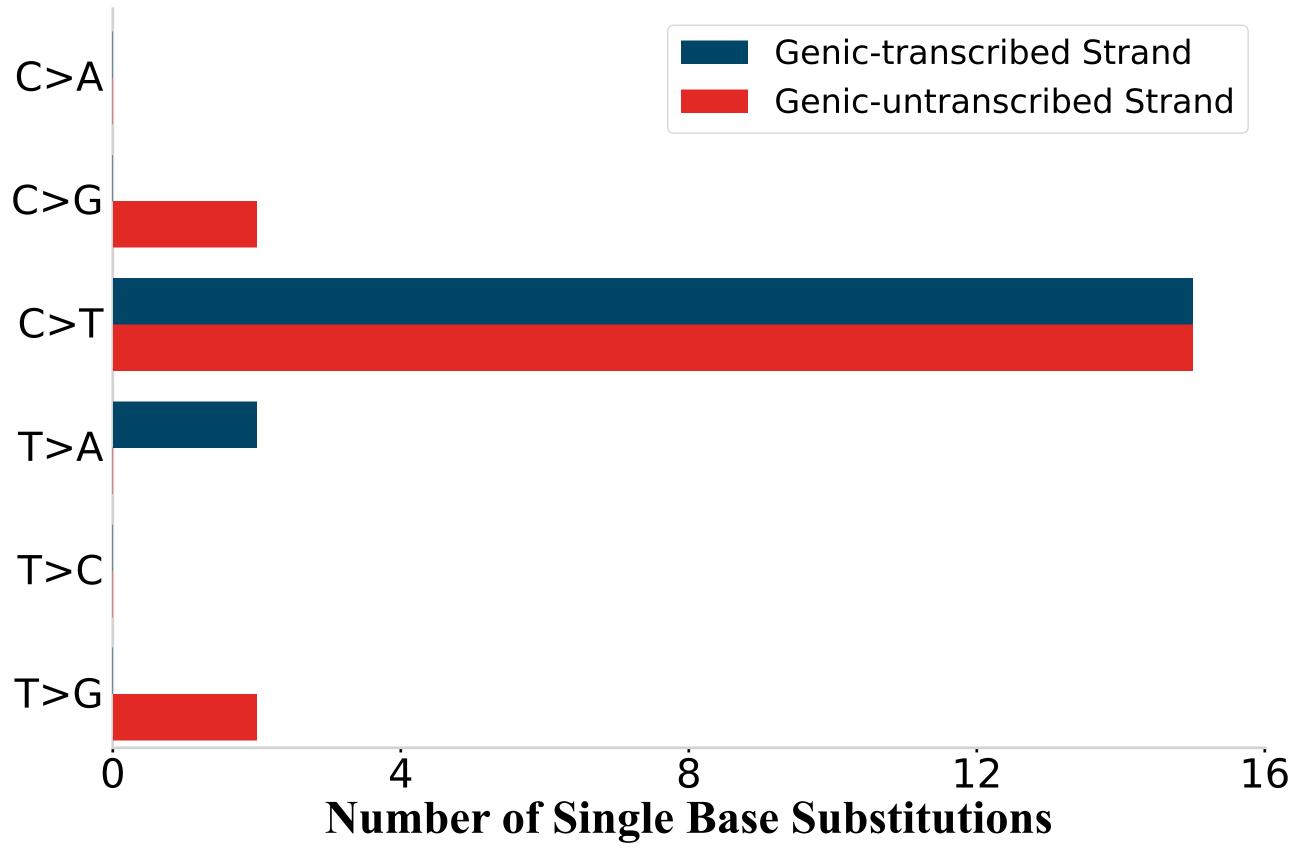
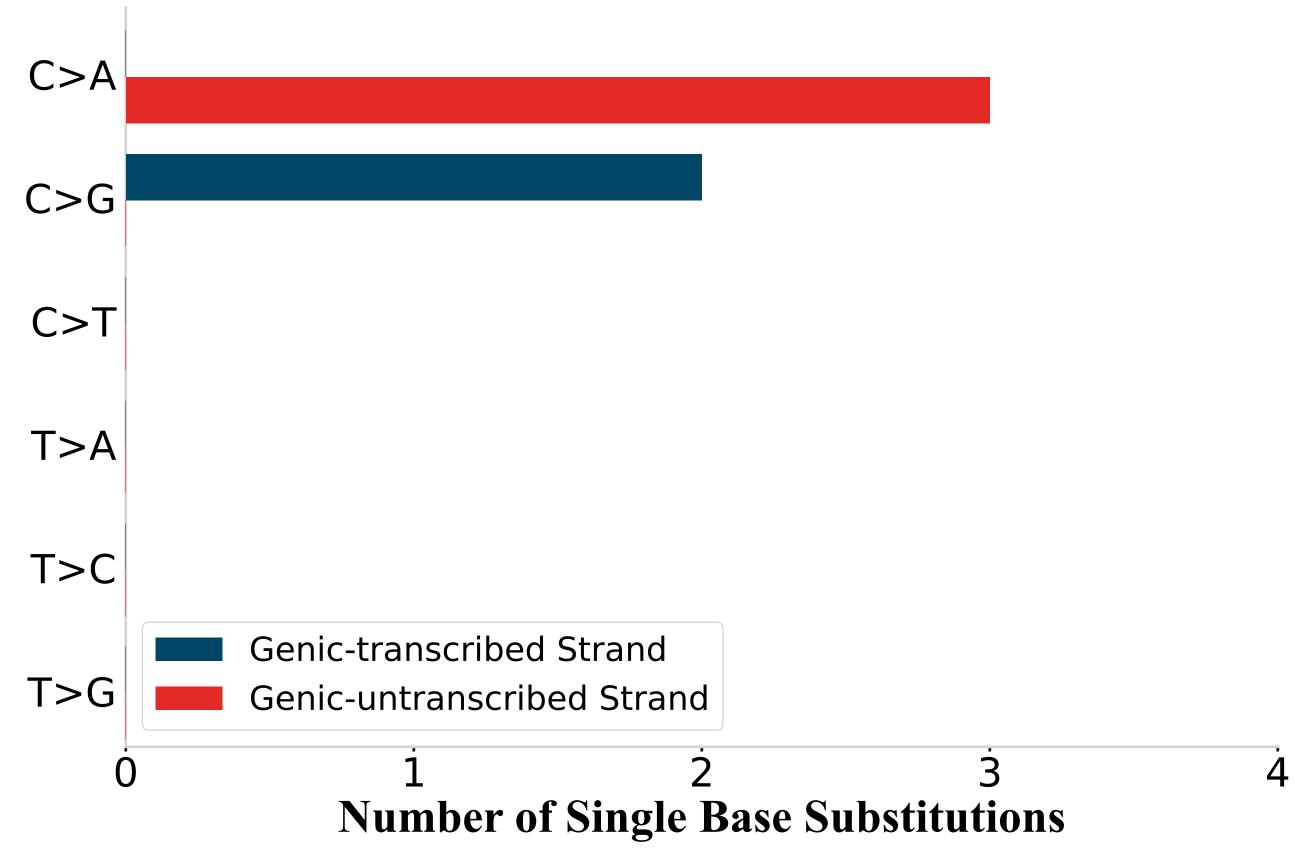
P-0000596-T01-IM3: 36 transcribed subs

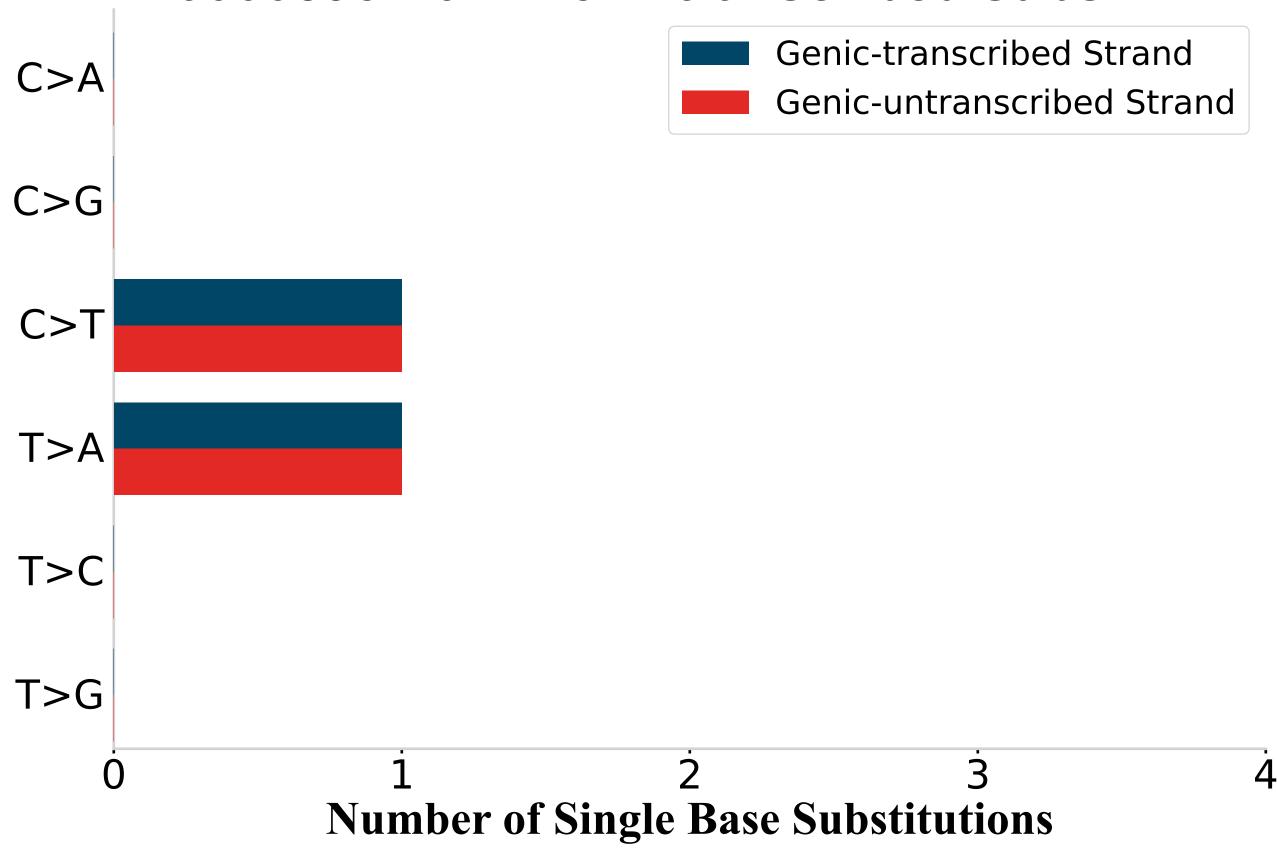


P-0000686-T01-IM3: 160 transcribed subs Genic-transcribed Strand C>A Genic-untranscribed Strand C>G C>T T>A T>C T>G 22 66 88 44 **Number of Single Base Substitutions**

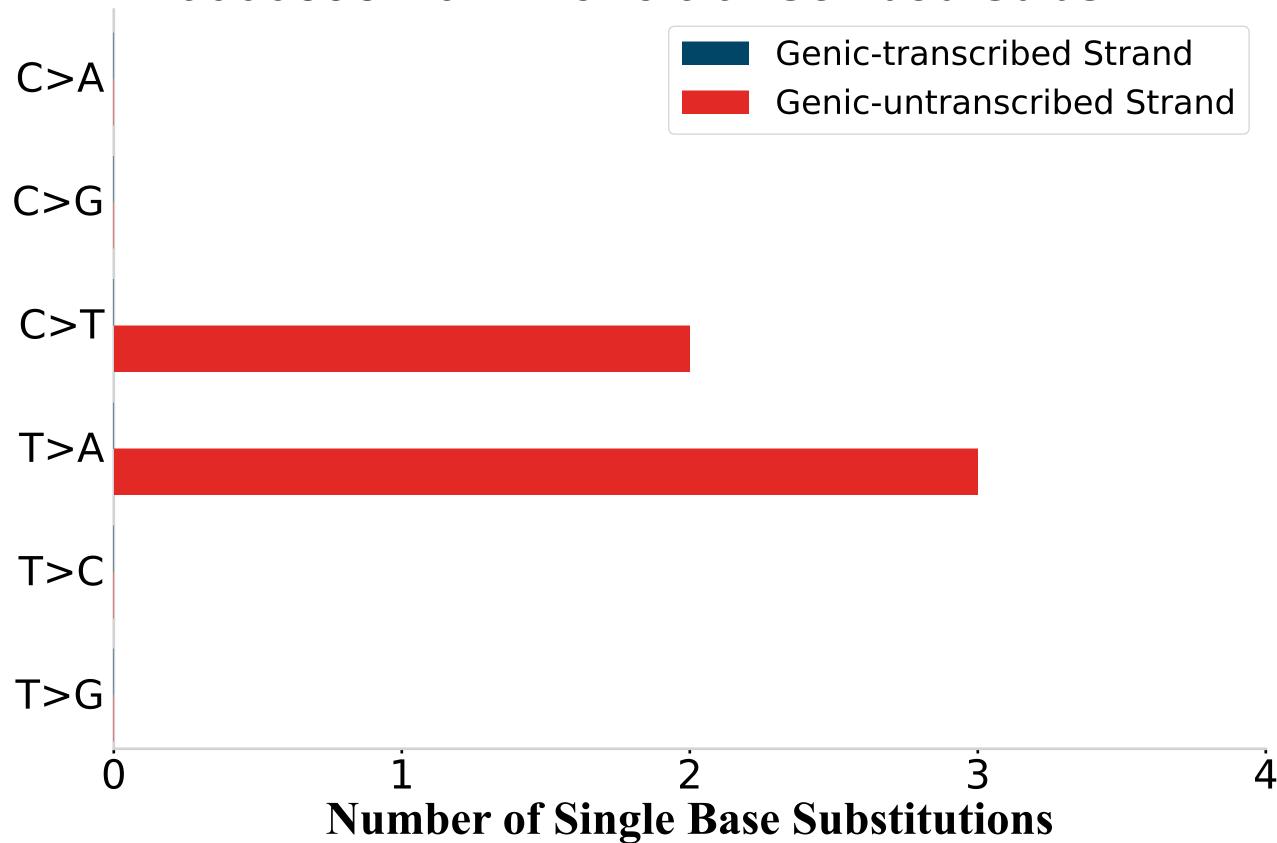
P-0000893-T01-IM3: 5 transcribed subs



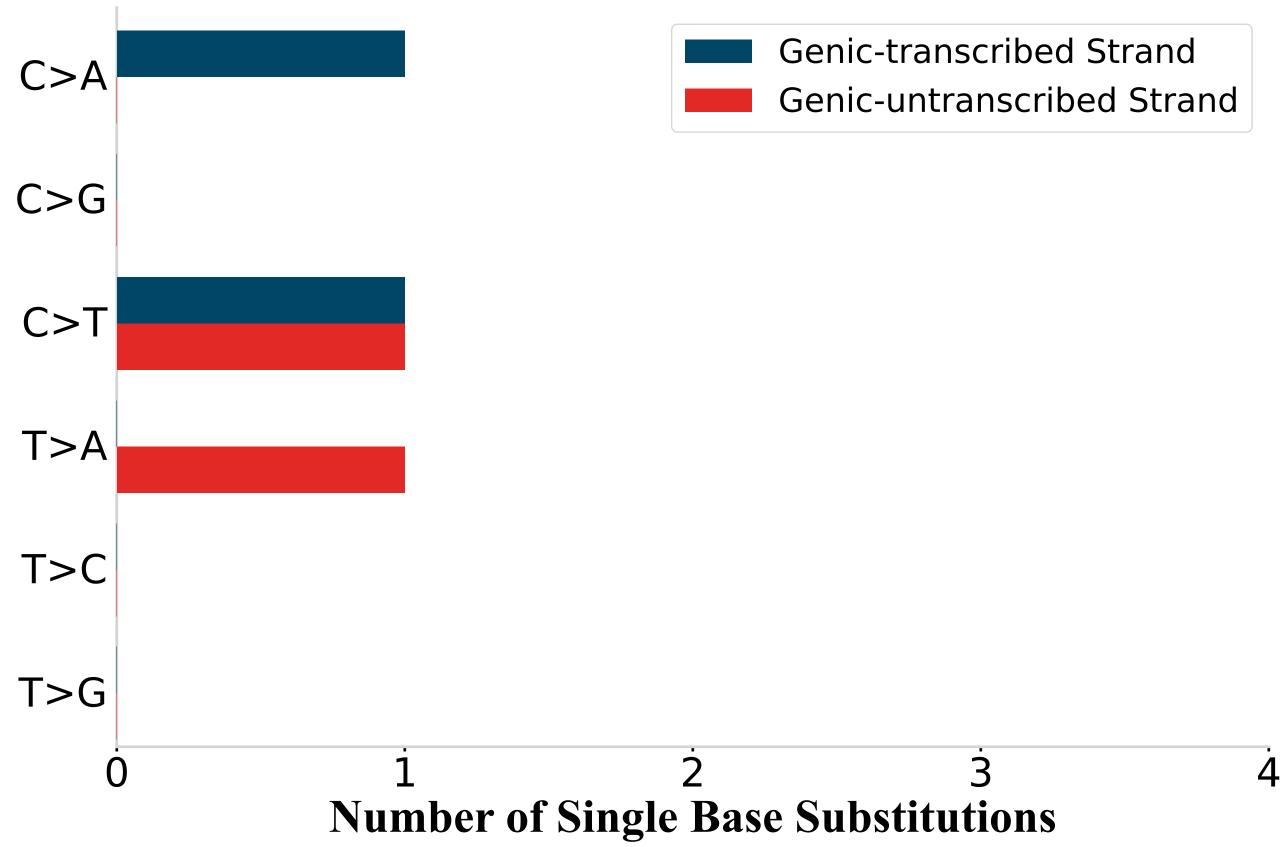
P-0000895-T01-IM3: 4 transcribed subs



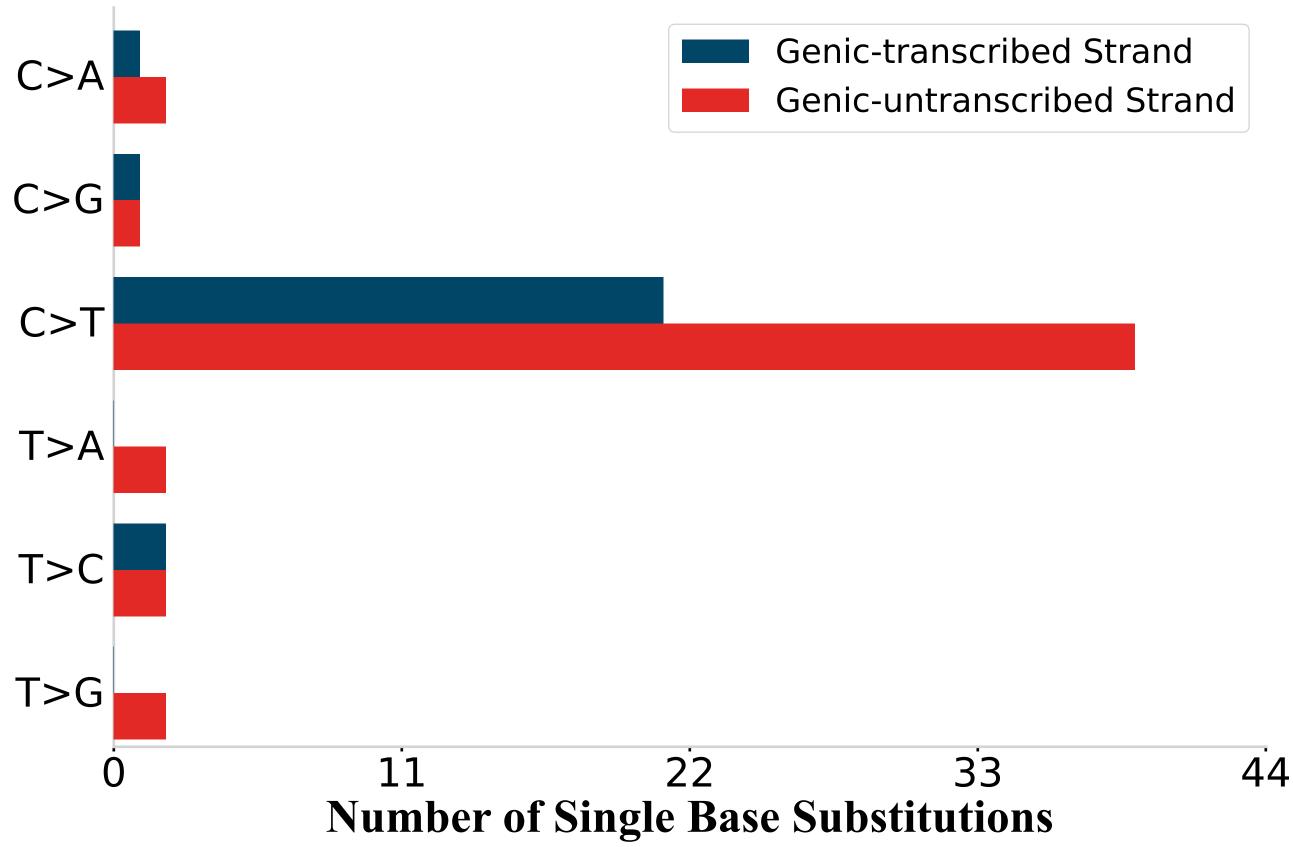
P-0000898-T01-IM3: 5 transcribed subs



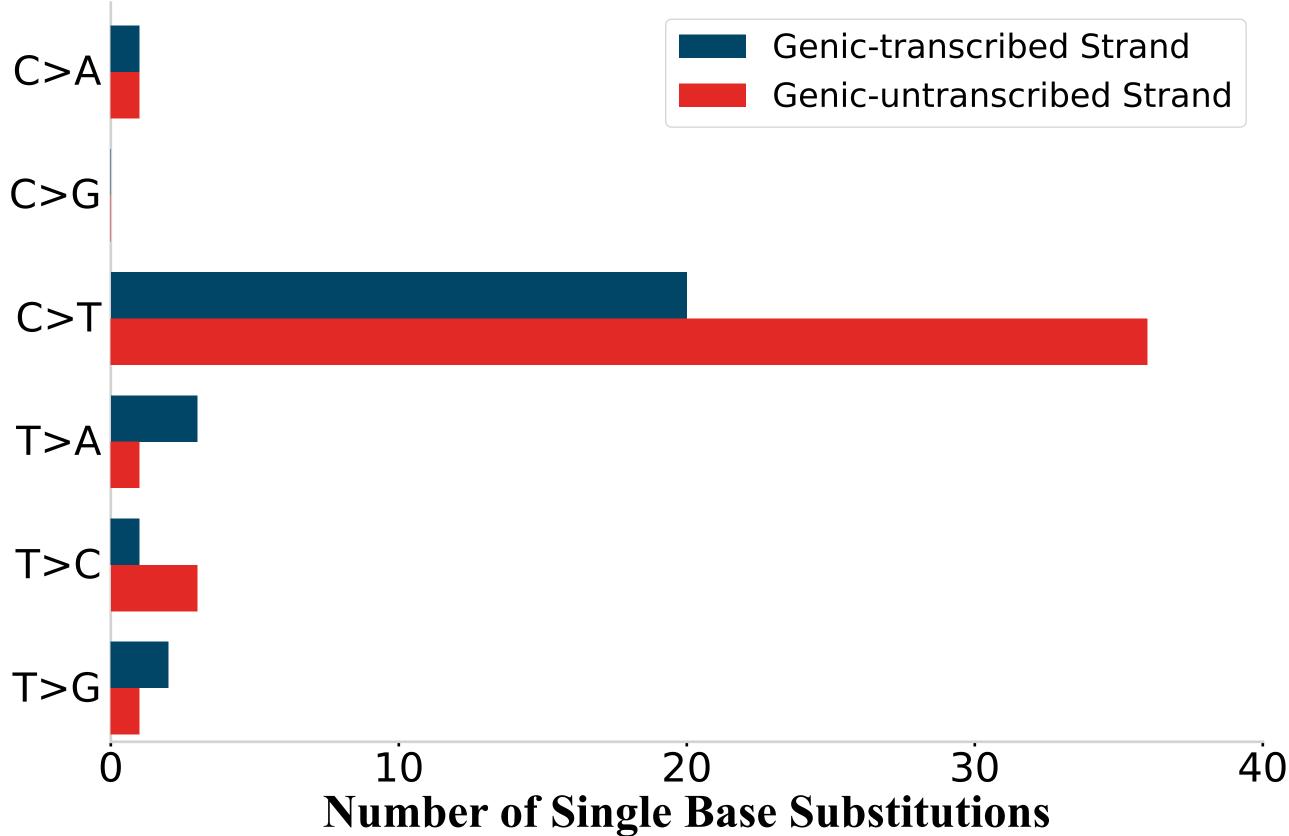
P-0000922-T01-IM3: 4 transcribed subs



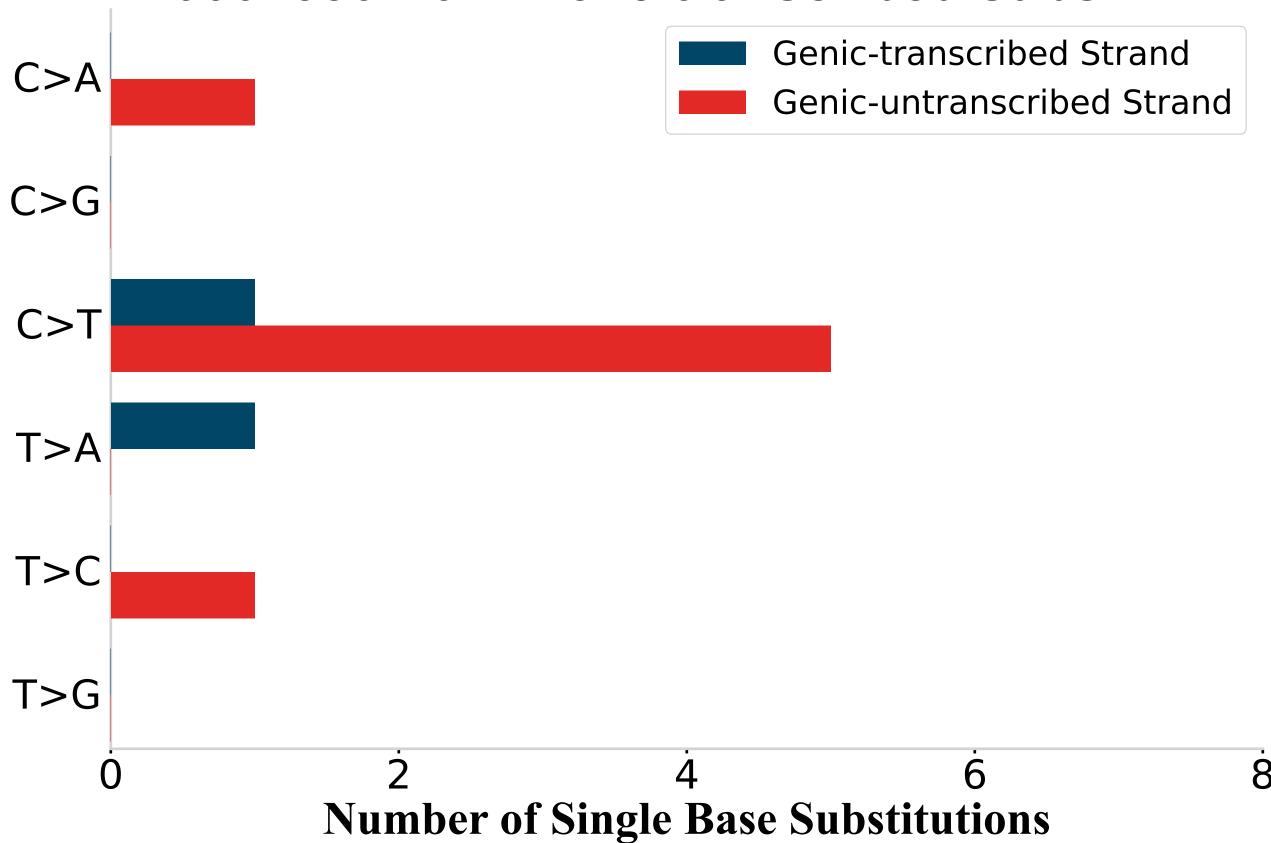
P-0001251-T01-IM3: 73 transcribed subs



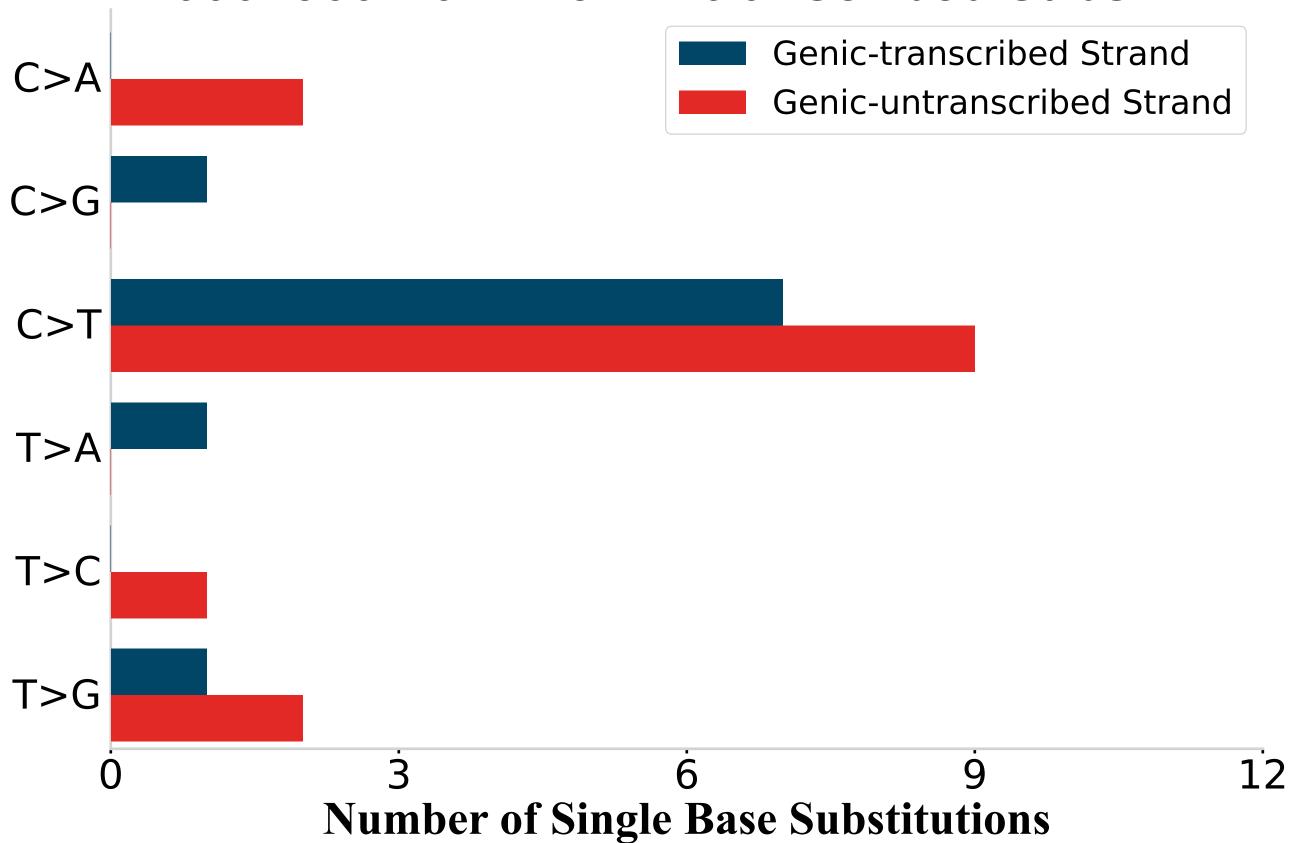
P-0001485-T01-IM3: 69 transcribed subs



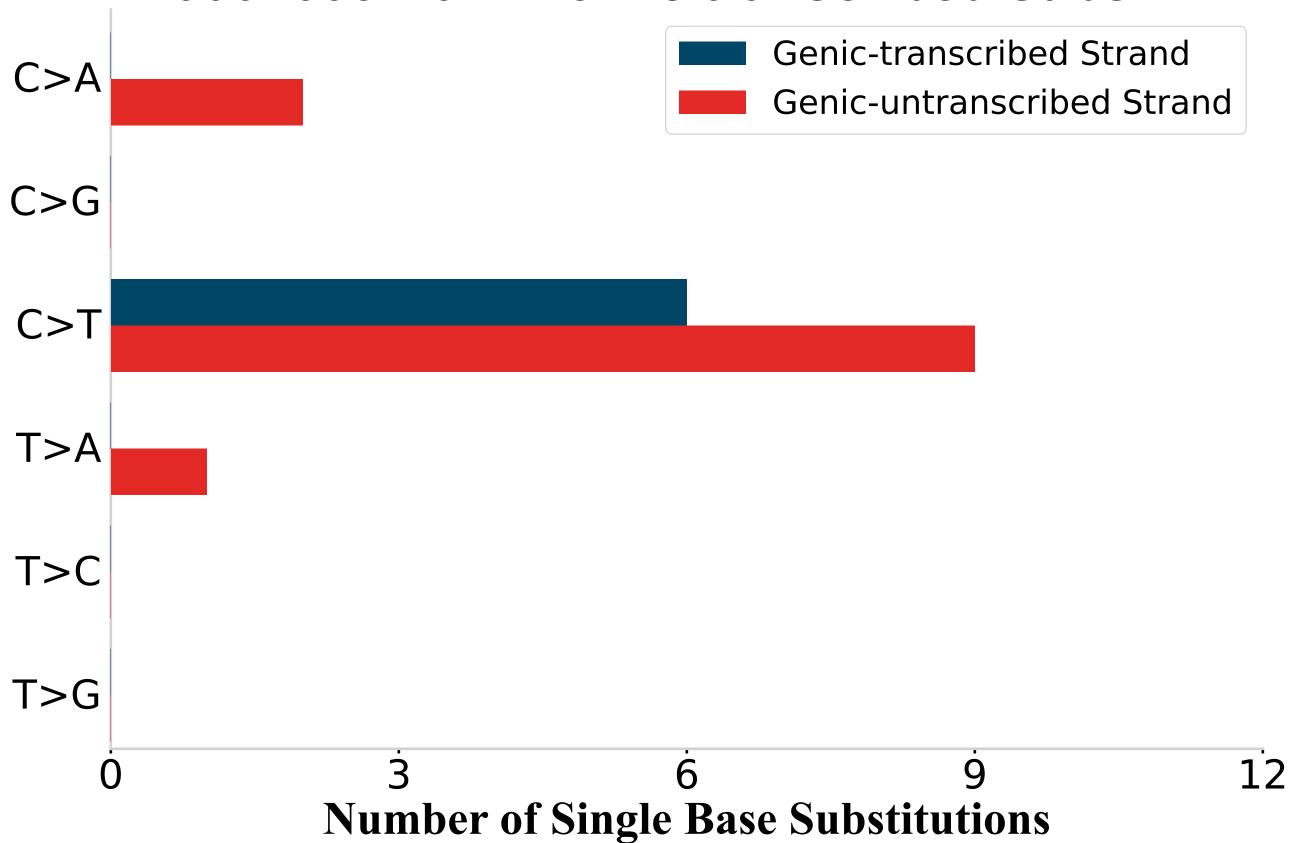
P-0001530-T01-IM3: 9 transcribed subs



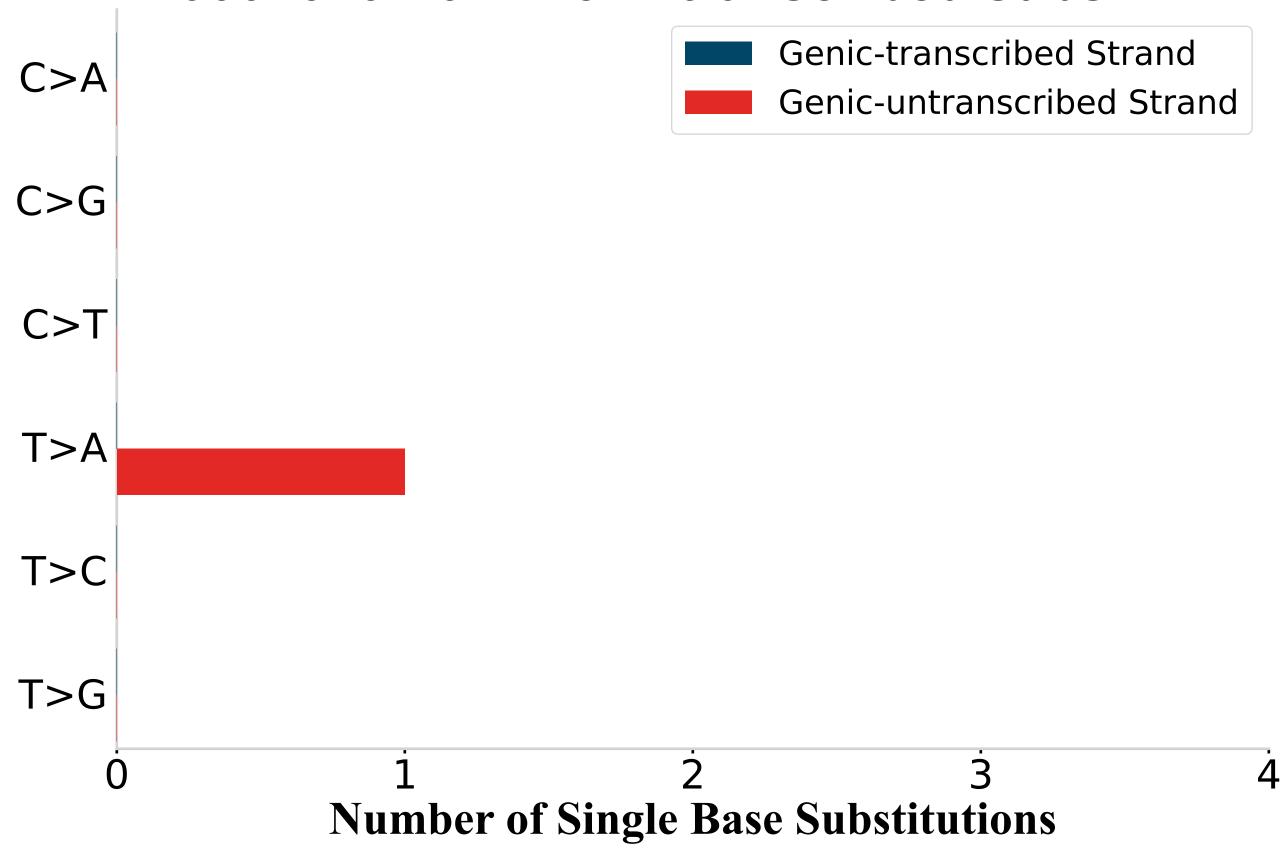
P-0001560-T01-IM3: 24 transcribed subs



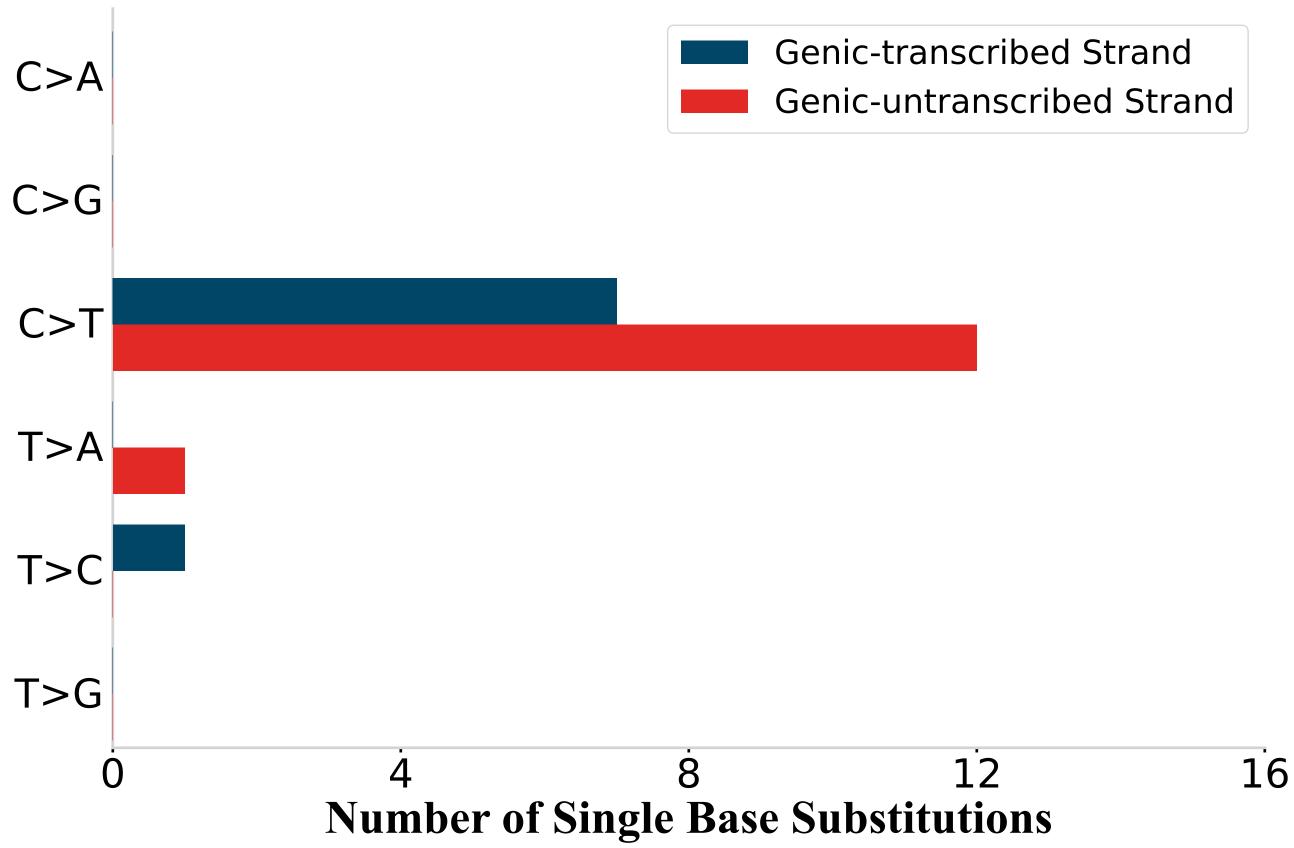
P-0001603-T01-IM3: 18 transcribed subs



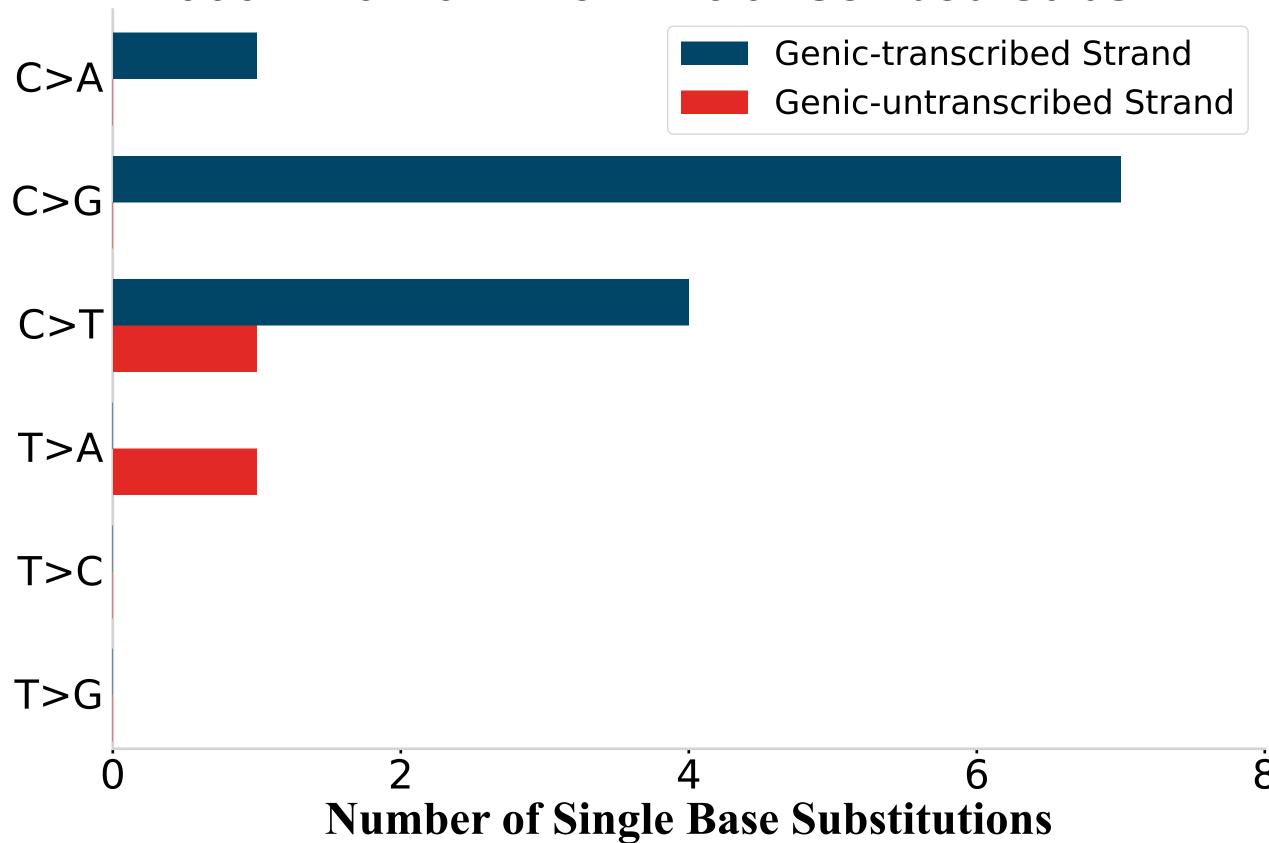
P-0001646-T01-IM3: 1 transcribed subs



P-0001706-T01-IM3: 21 transcribed subs



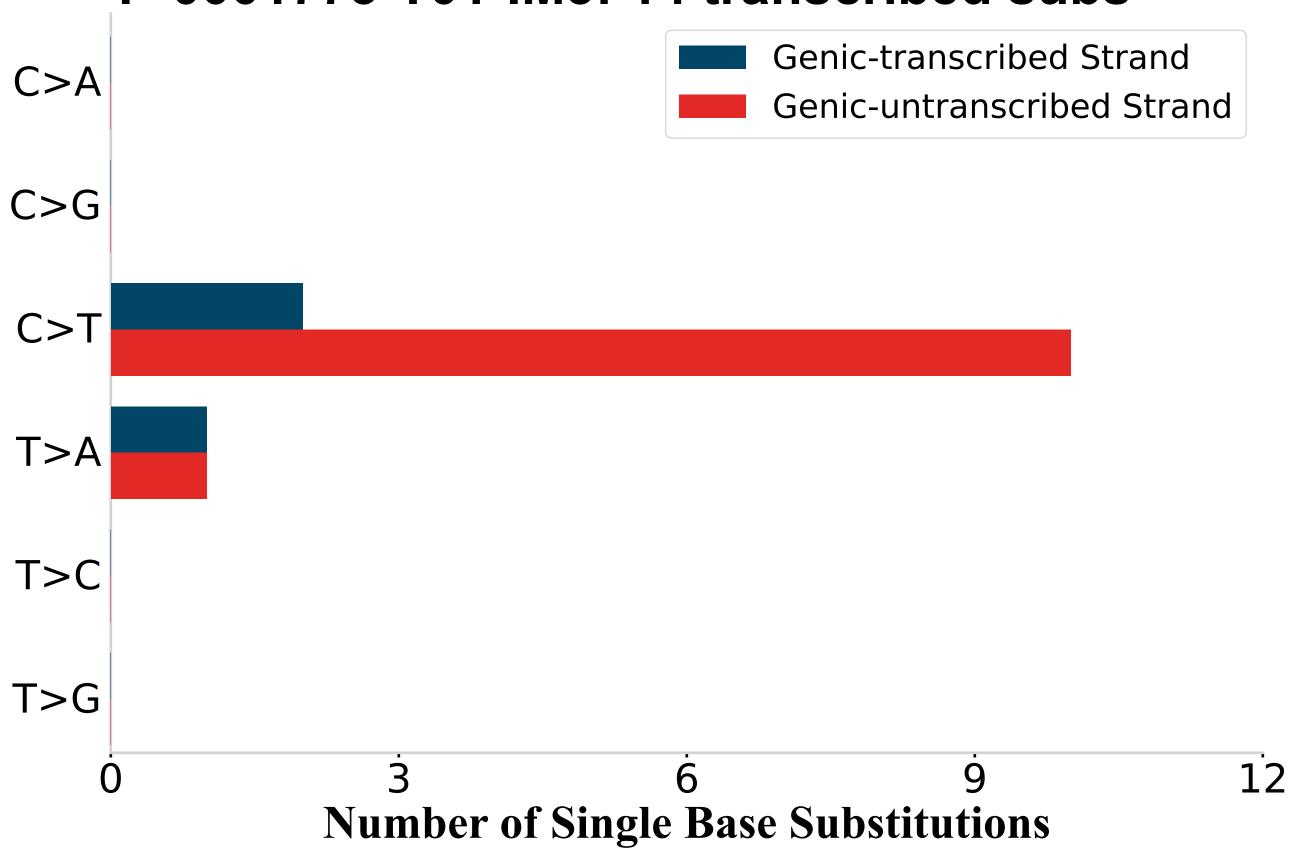
P-0001710-T01-IM3: 14 transcribed subs



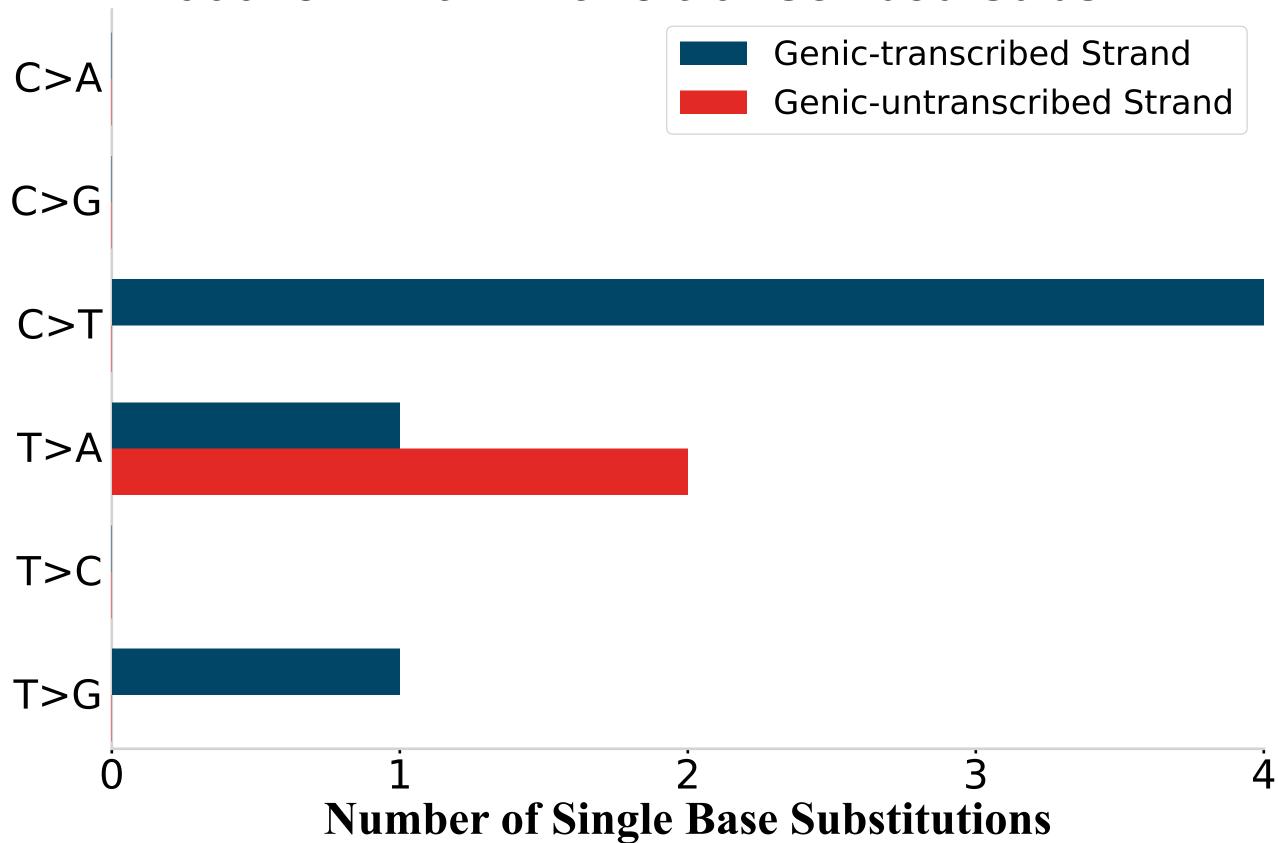
P-0001756-T02-IM6: 53 transcribed subs Genic-transcribed Strand C>A Genic-untranscribed Strand C>T T>A T>C T>G



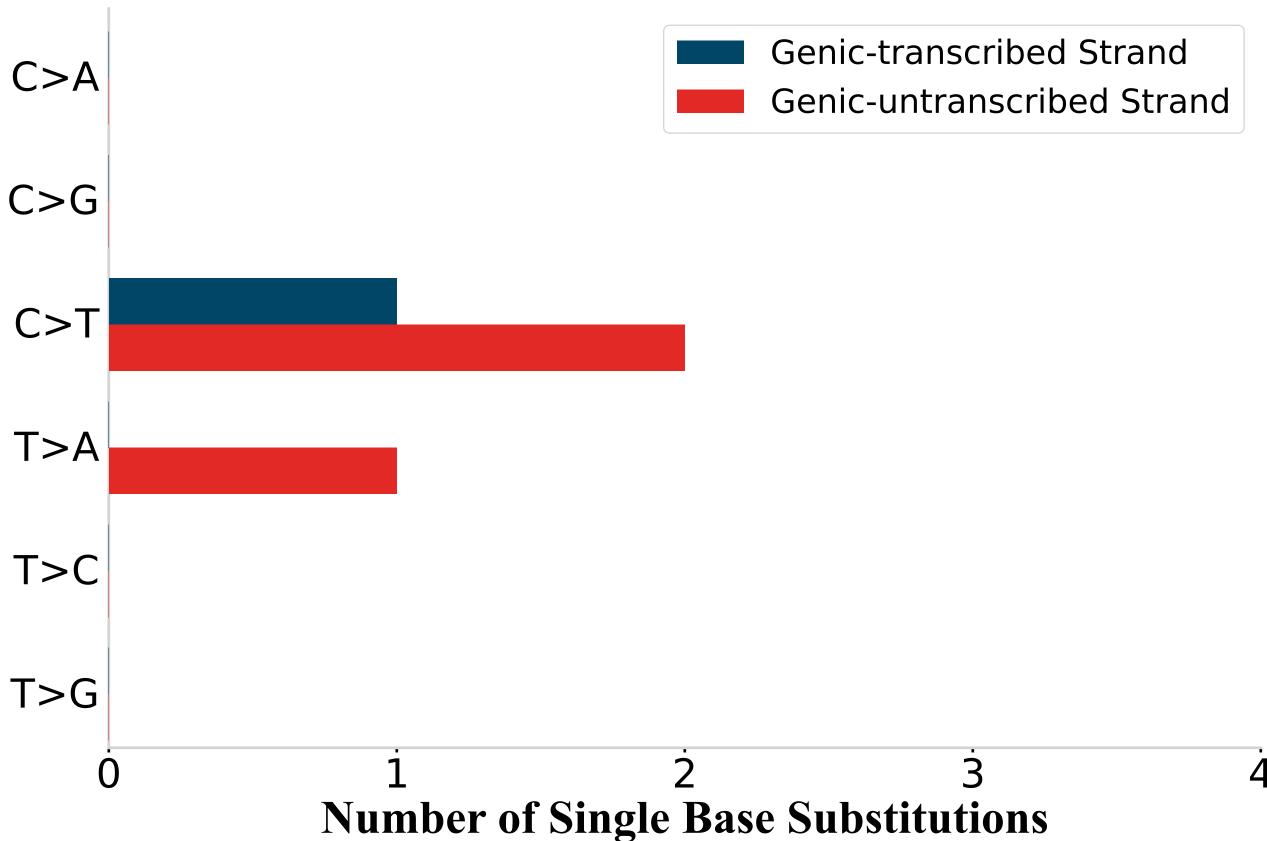
P-0001773-T01-IM3: 14 transcribed subs



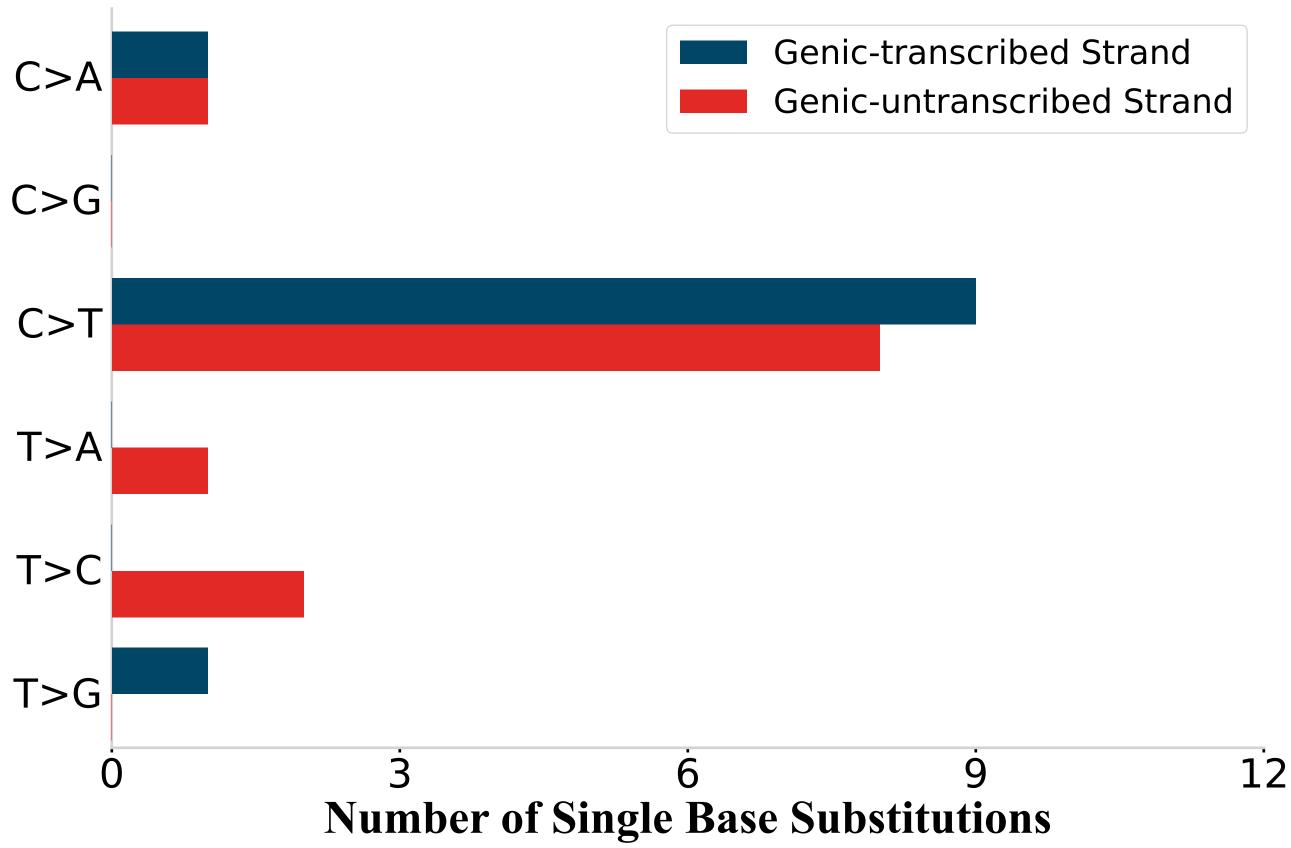
P-0001841-T01-IM3: 8 transcribed subs



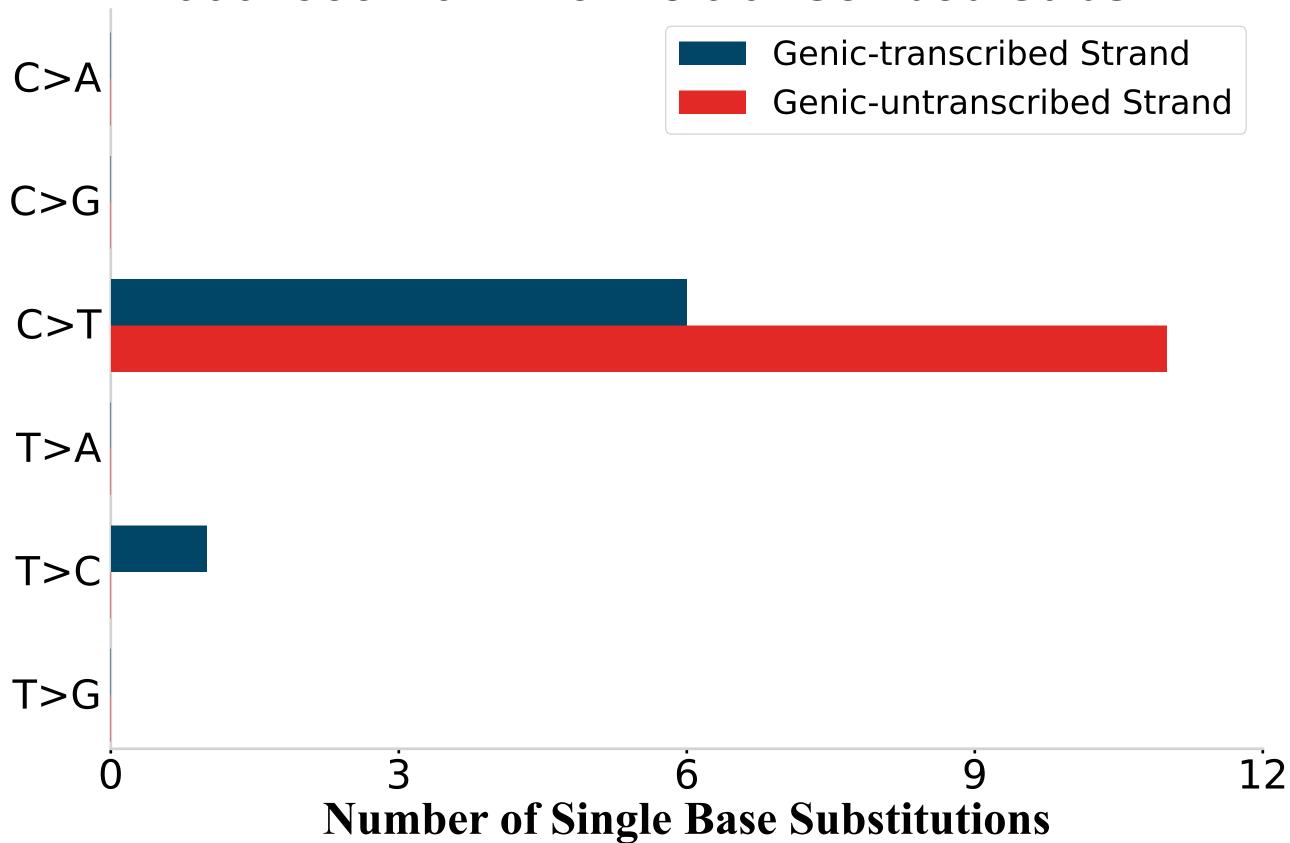
P-0002018-T01-IM3: 4 transcribed subs



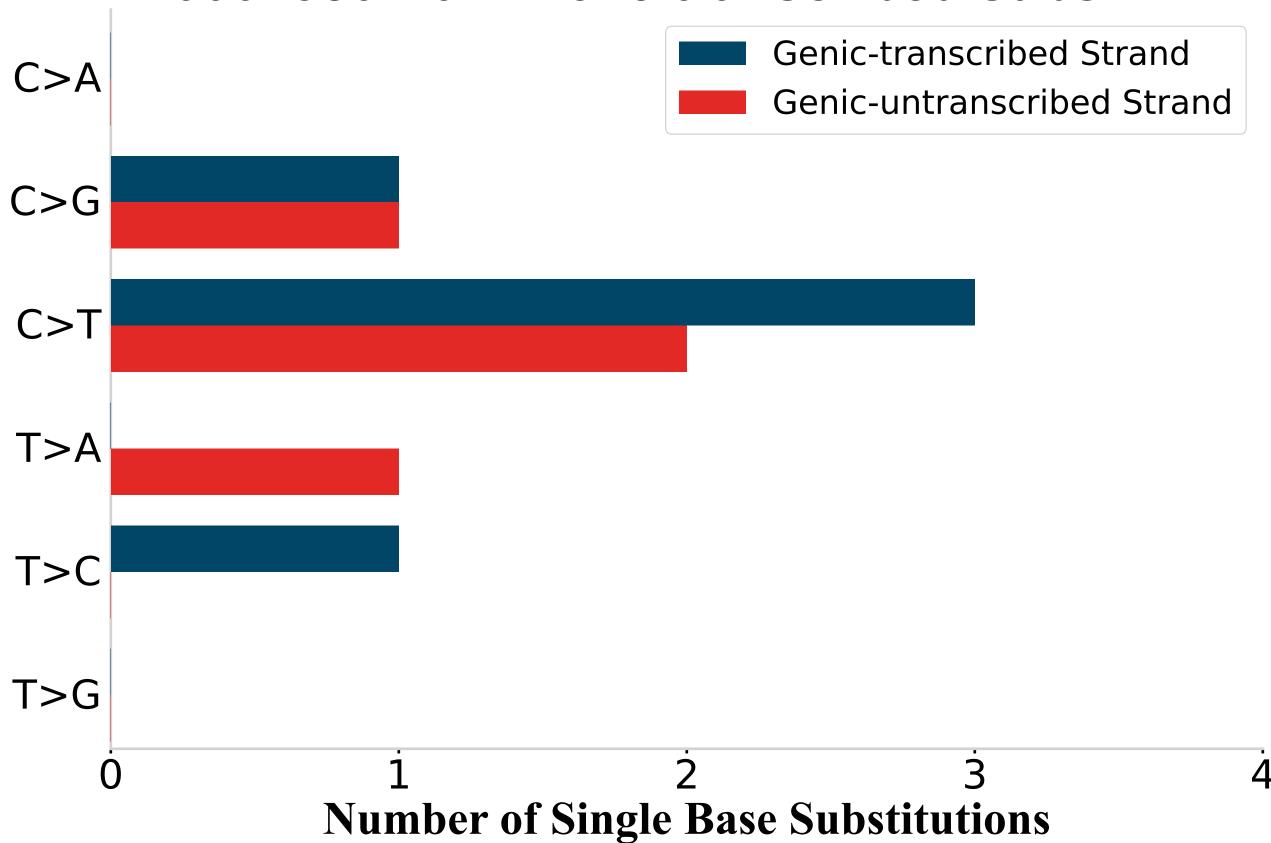
P-0002157-T01-IM3: 23 transcribed subs



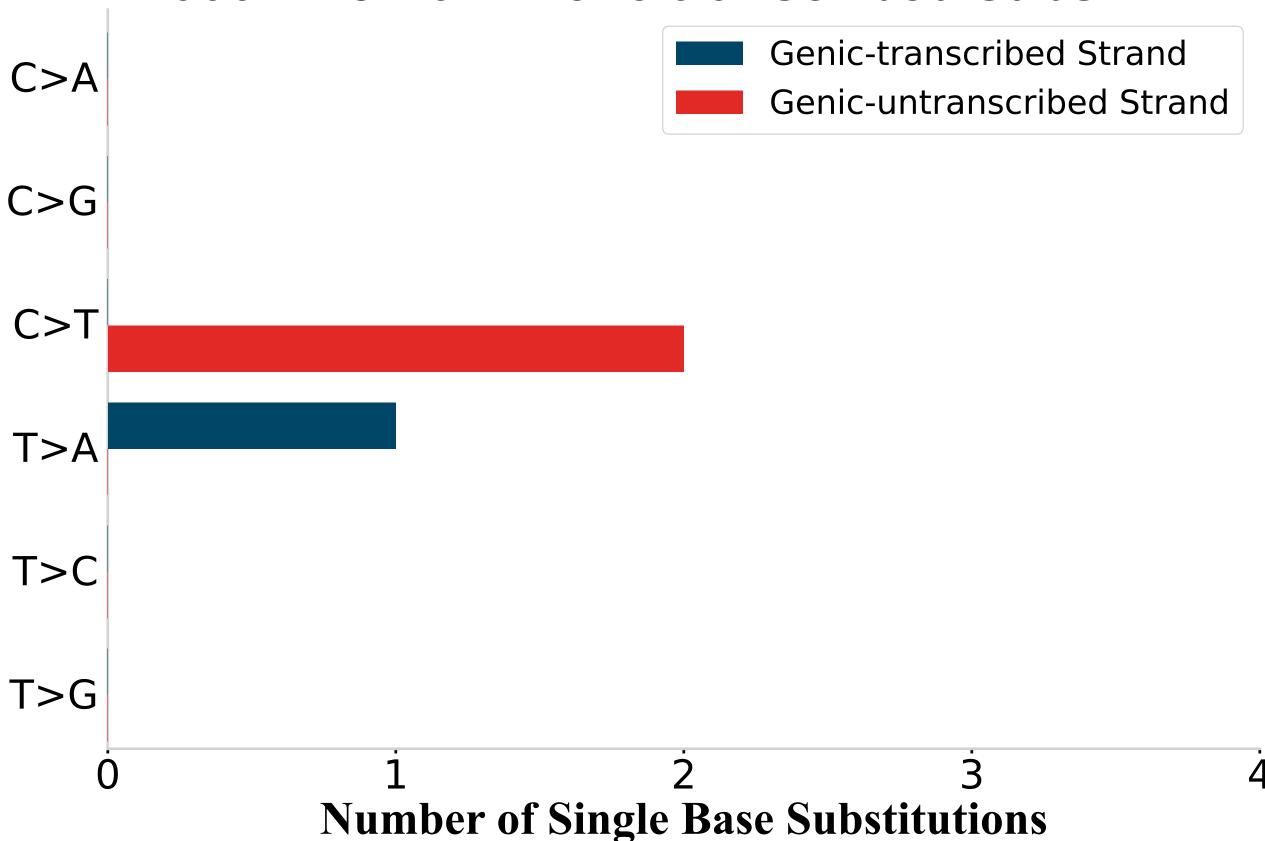
P-0002353-T01-IM3: 18 transcribed subs



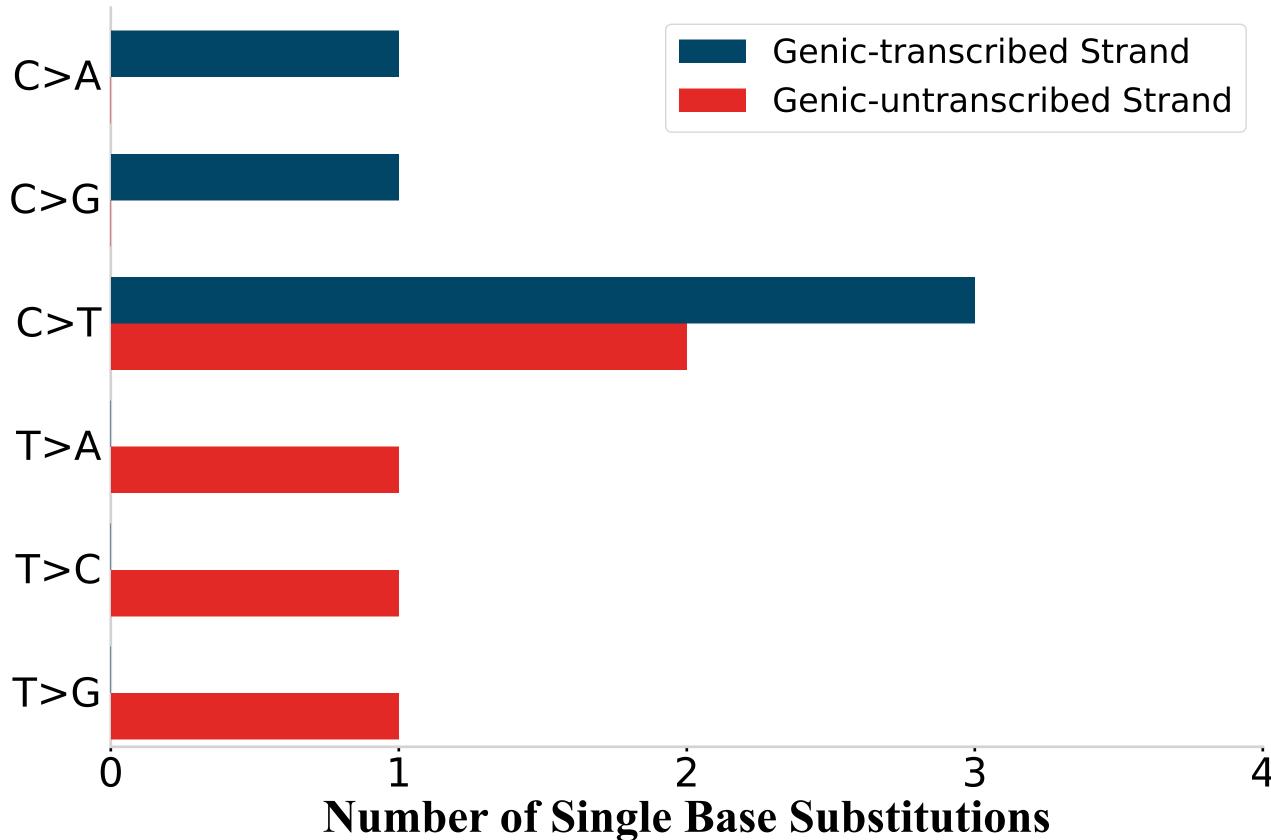
P-0002380-T01-IM3: 9 transcribed subs



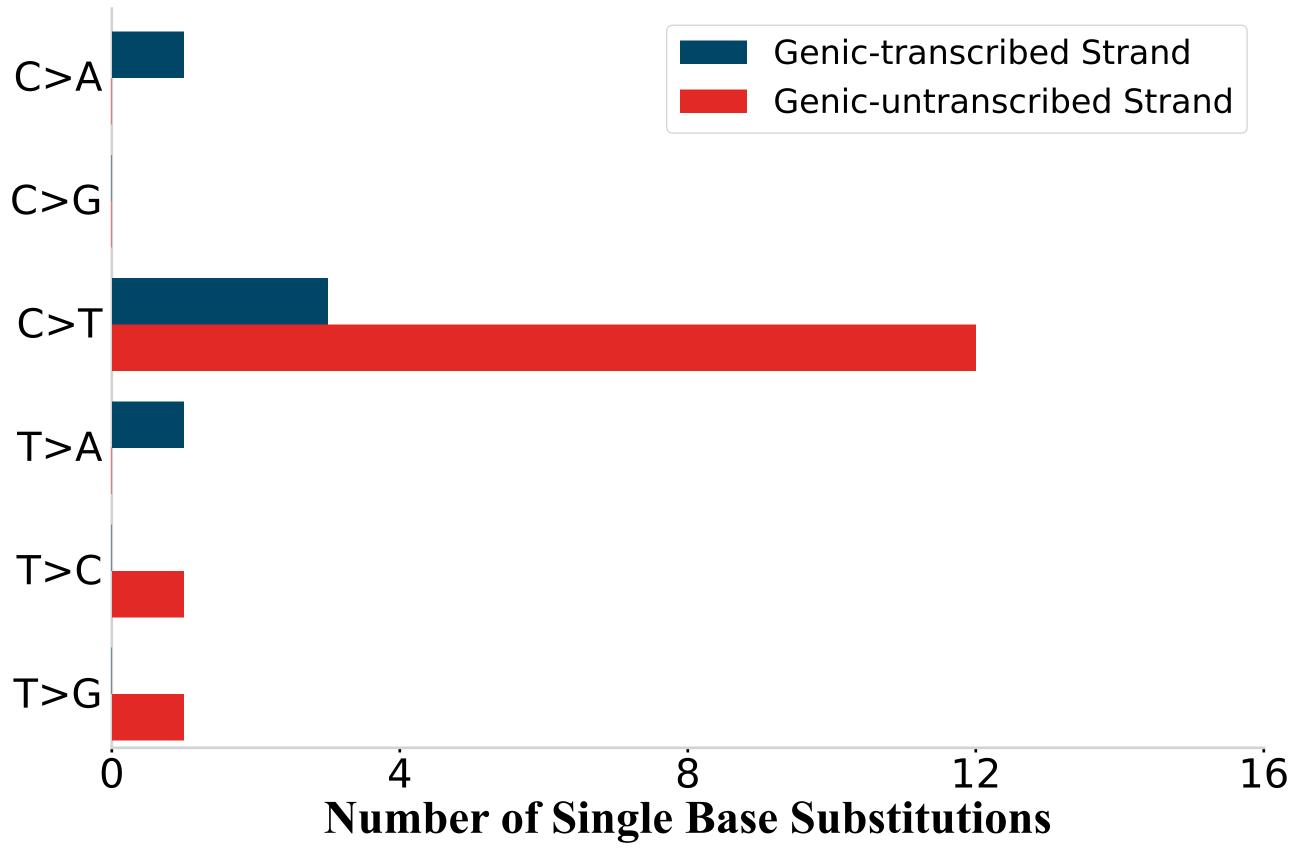
P-0002418-T01-IM3: 3 transcribed subs



P-0002437-T01-IM3: 10 transcribed subs

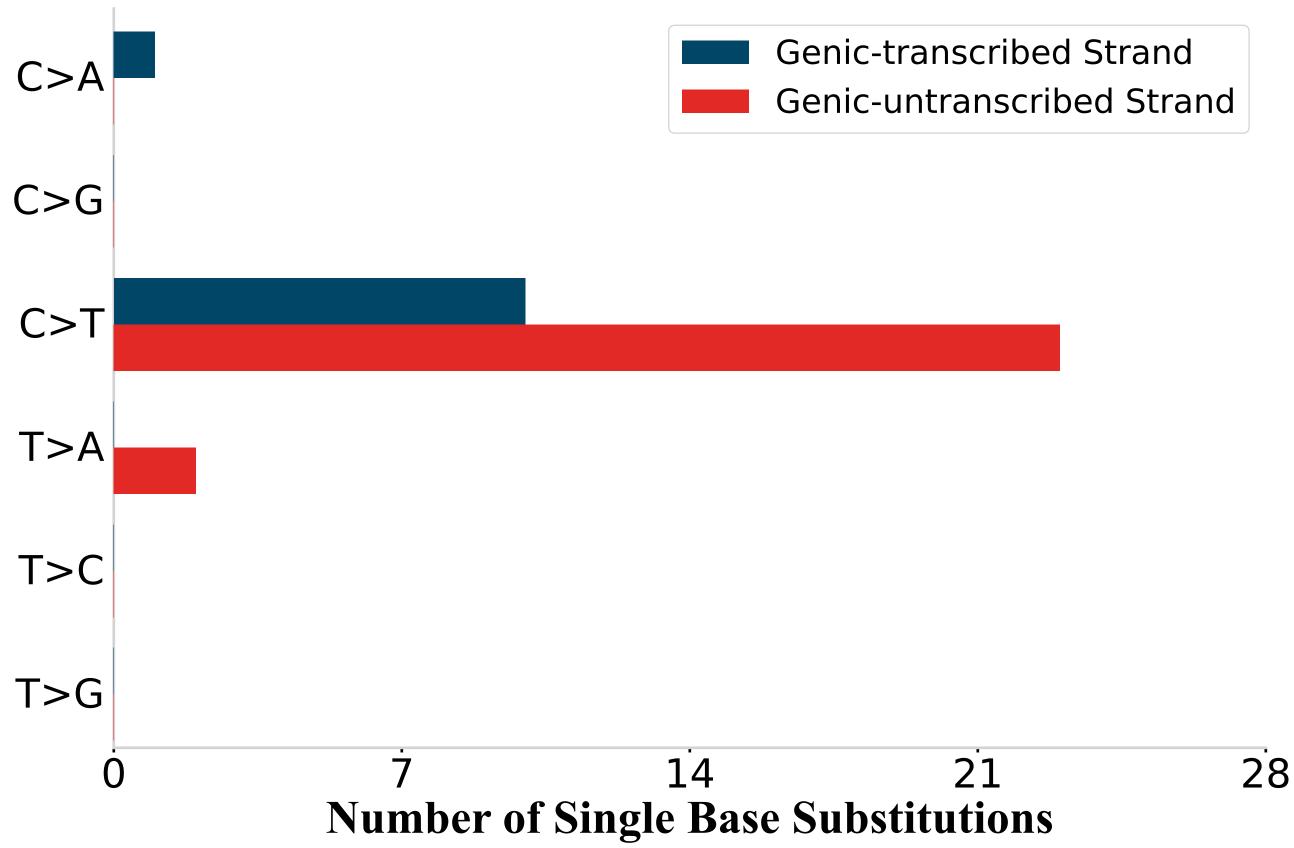


P-0002440-T01-IM3: 19 transcribed subs

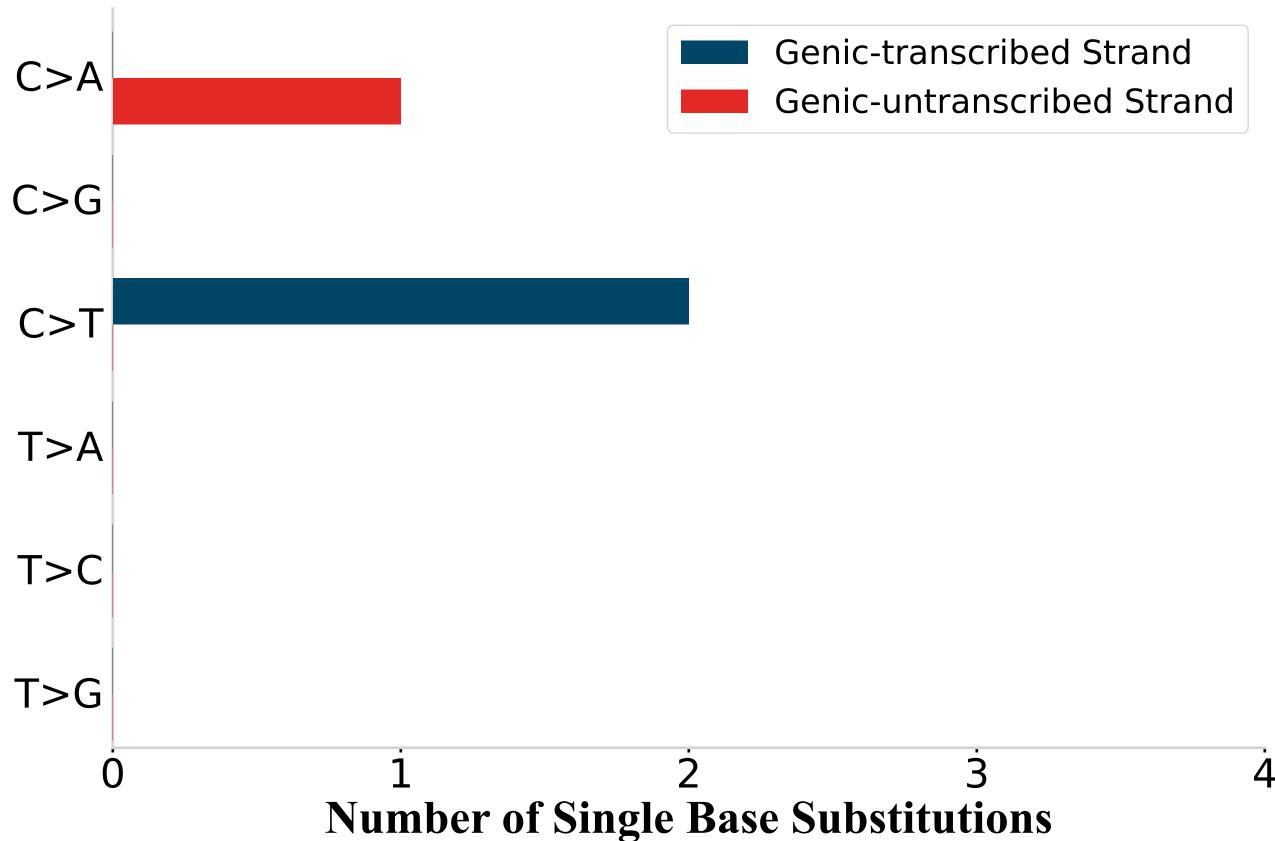


P-0002490-T01-IM3: 107 transcribed subs Genic-transcribed Strand C>A Genic-untranscribed Strand C>T T>A T>G 32 16 48 64 **Number of Single Base Substitutions**

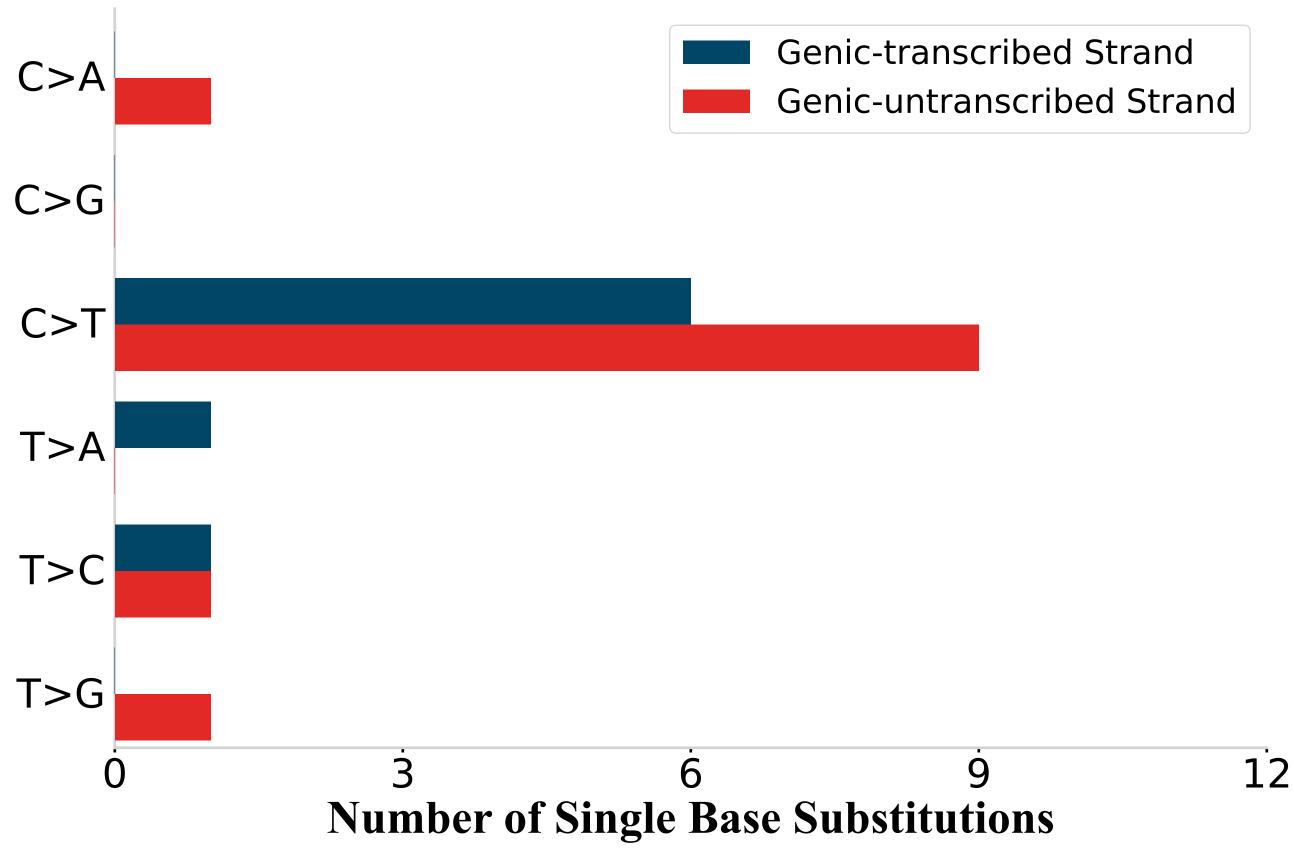
P-0002504-T01-IM3: 36 transcribed subs



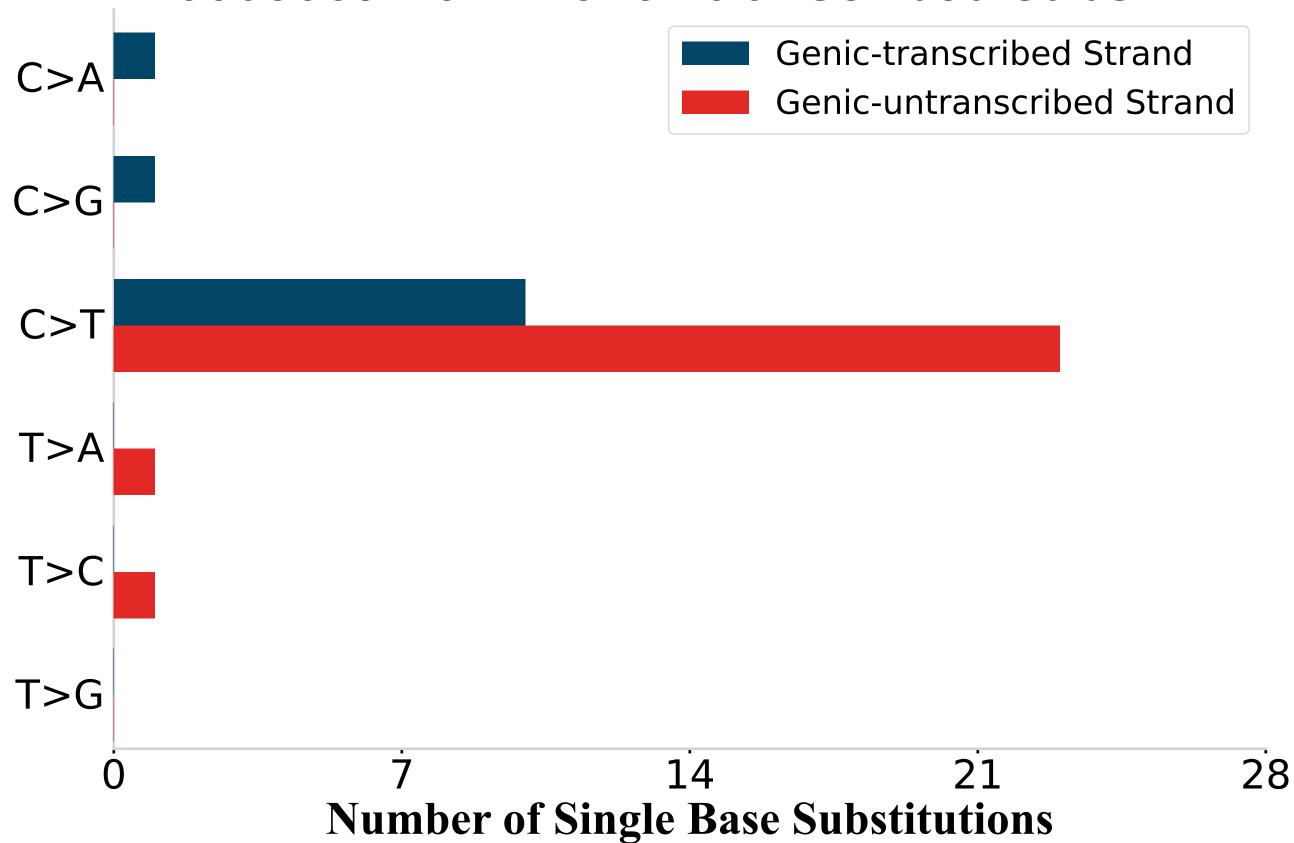
P-0003010-T01-IM3: 3 transcribed subs



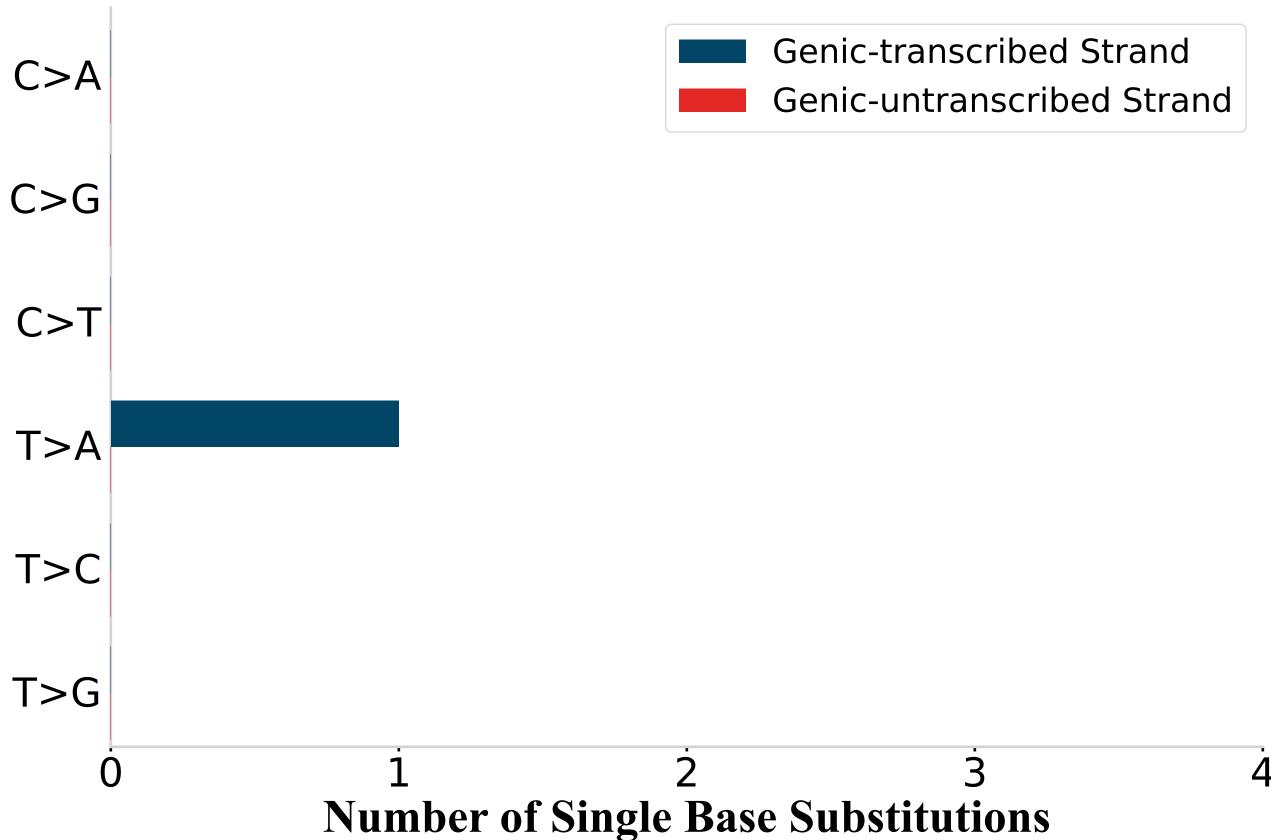
P-0003062-T01-IM5: 20 transcribed subs



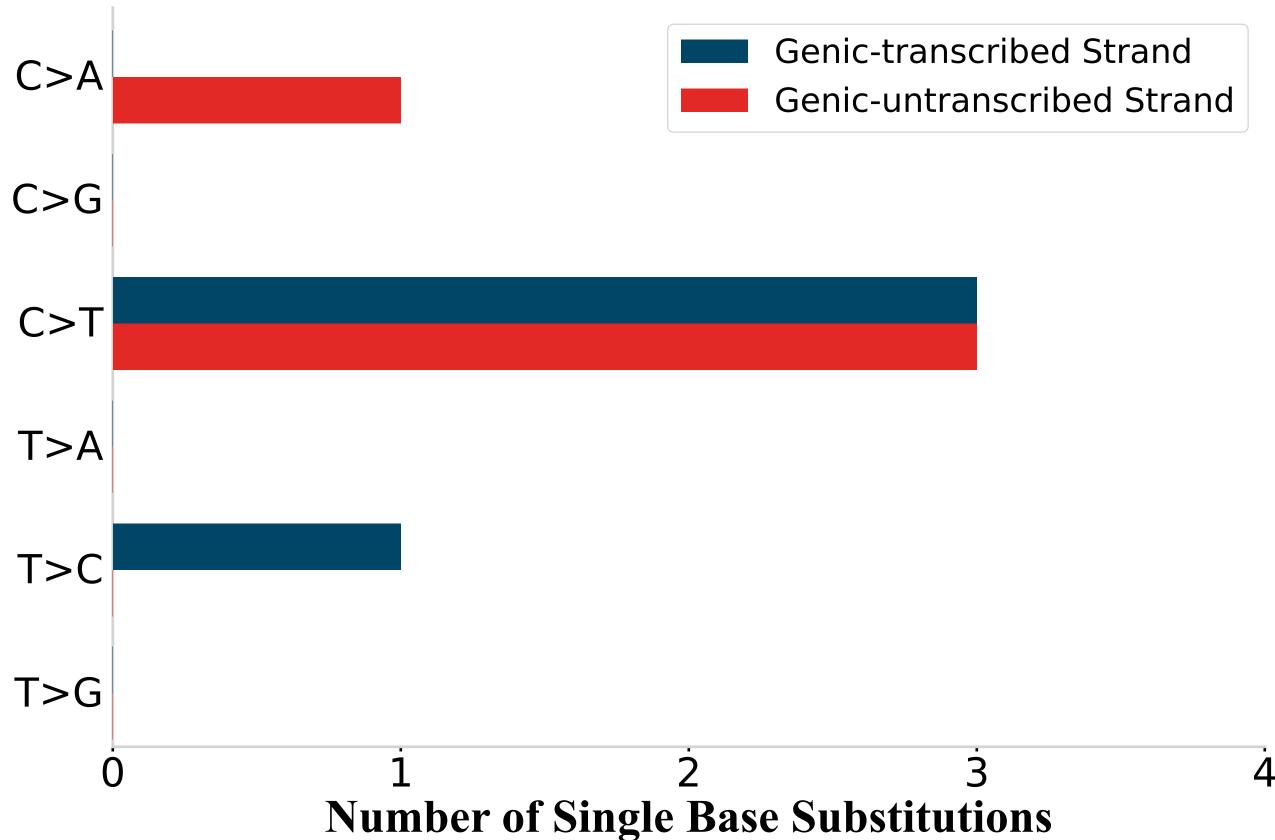
P-0003069-T01-IM5: 37 transcribed subs



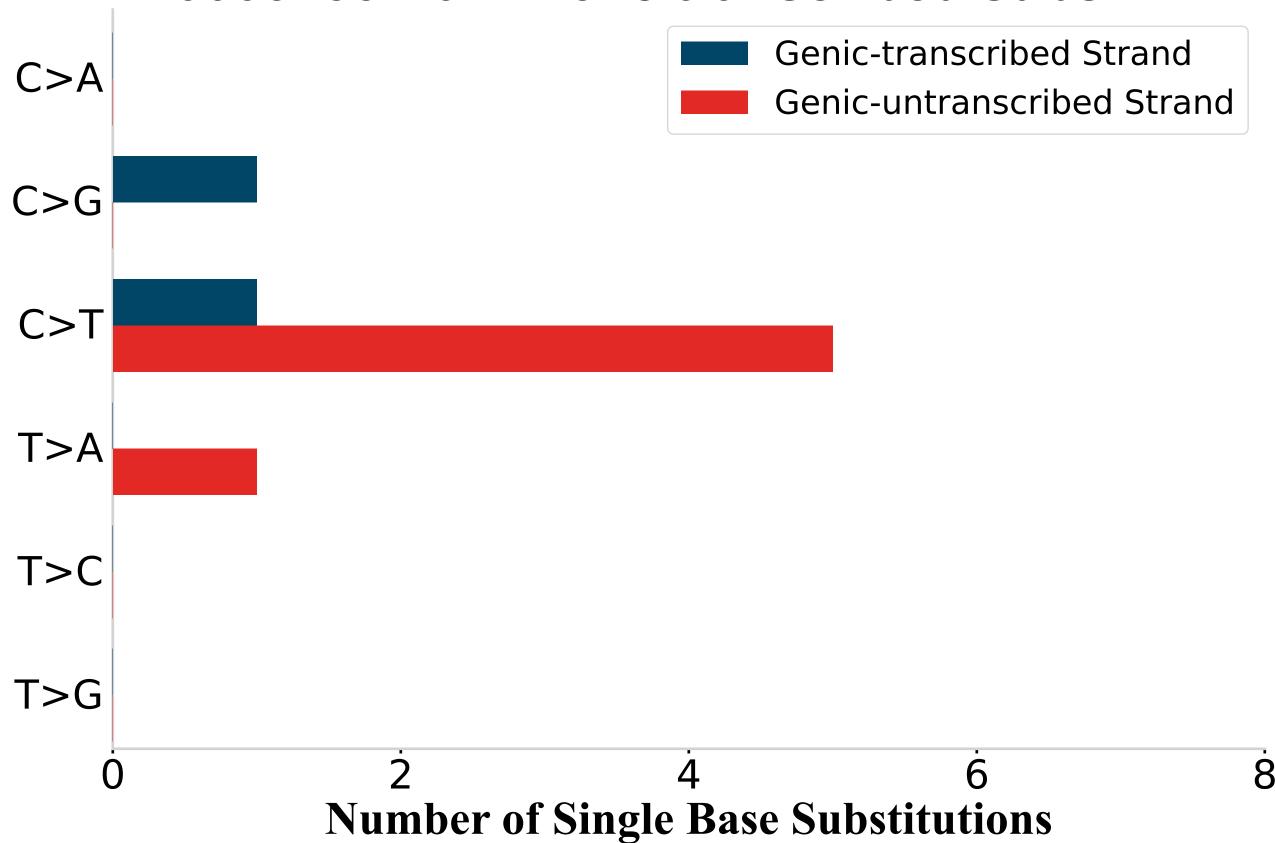
P-0003199-T01-IM5: 1 transcribed subs



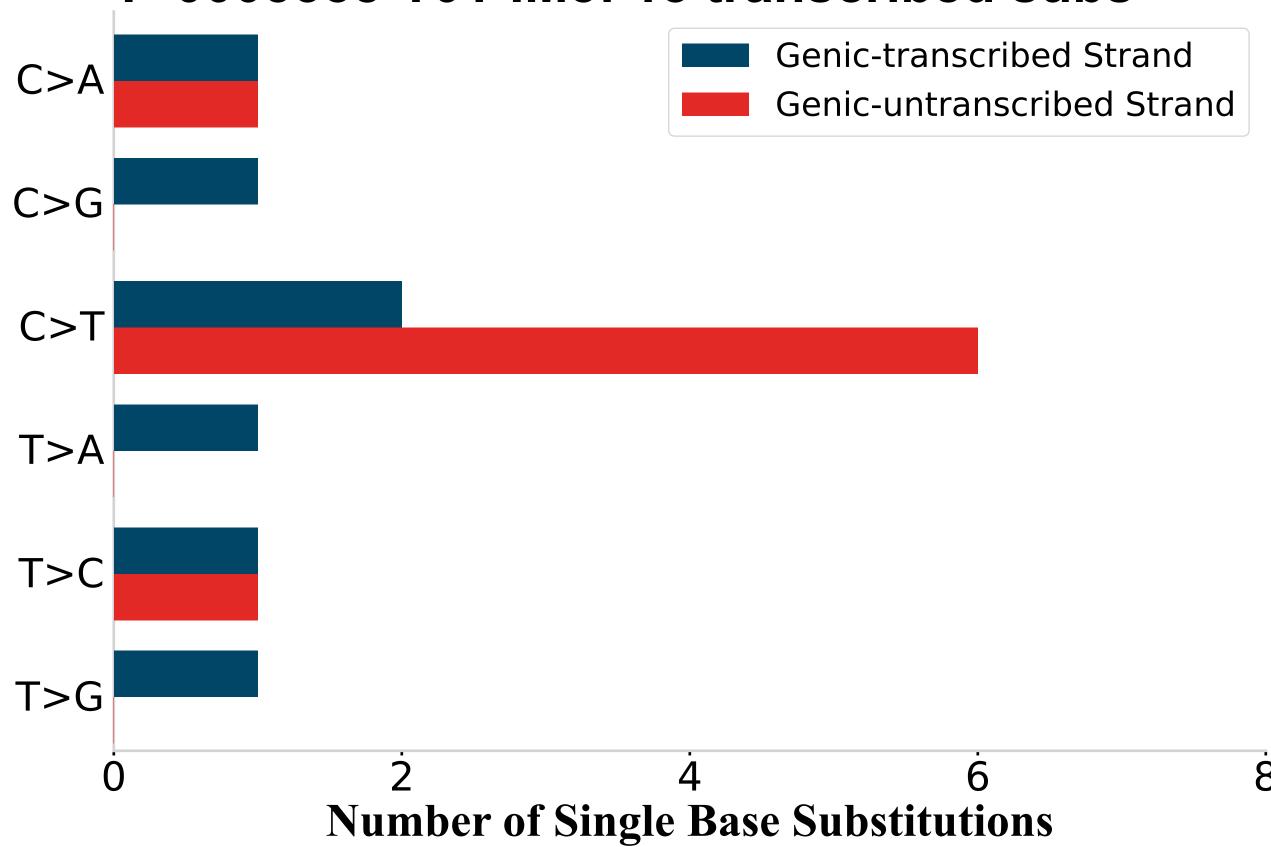
P-0003225-T01-IM5: 8 transcribed subs



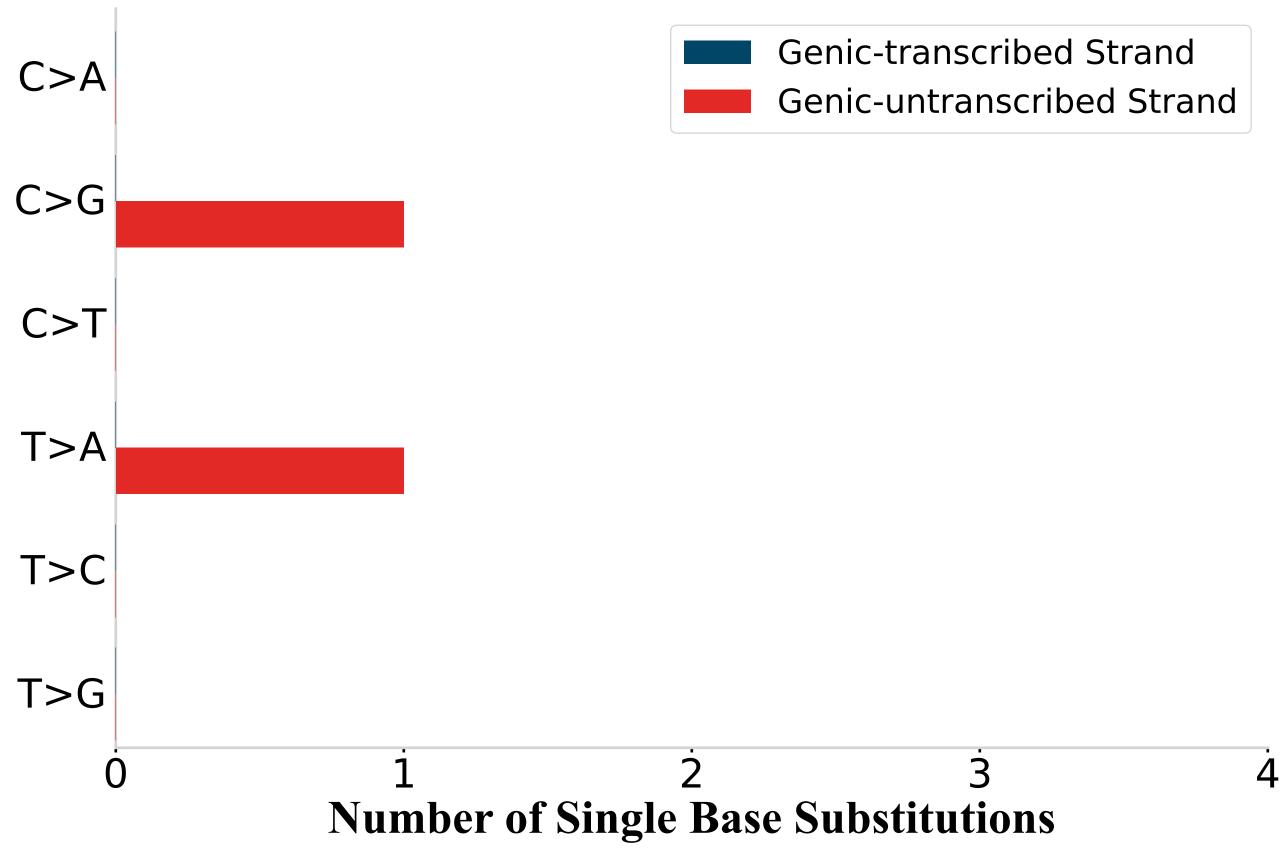
P-0003255-T01-IM5: 8 transcribed subs



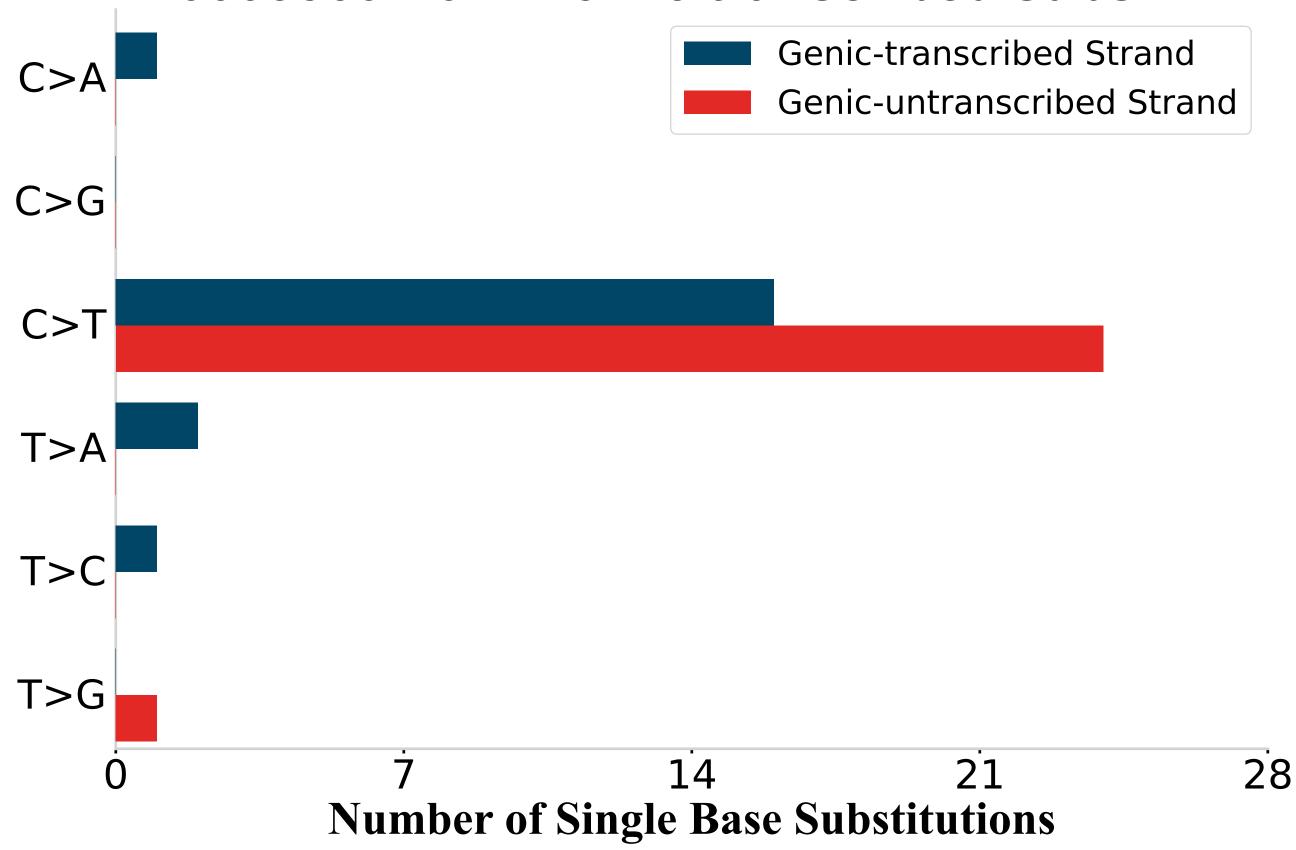
P-0003358-T01-IM5: 15 transcribed subs



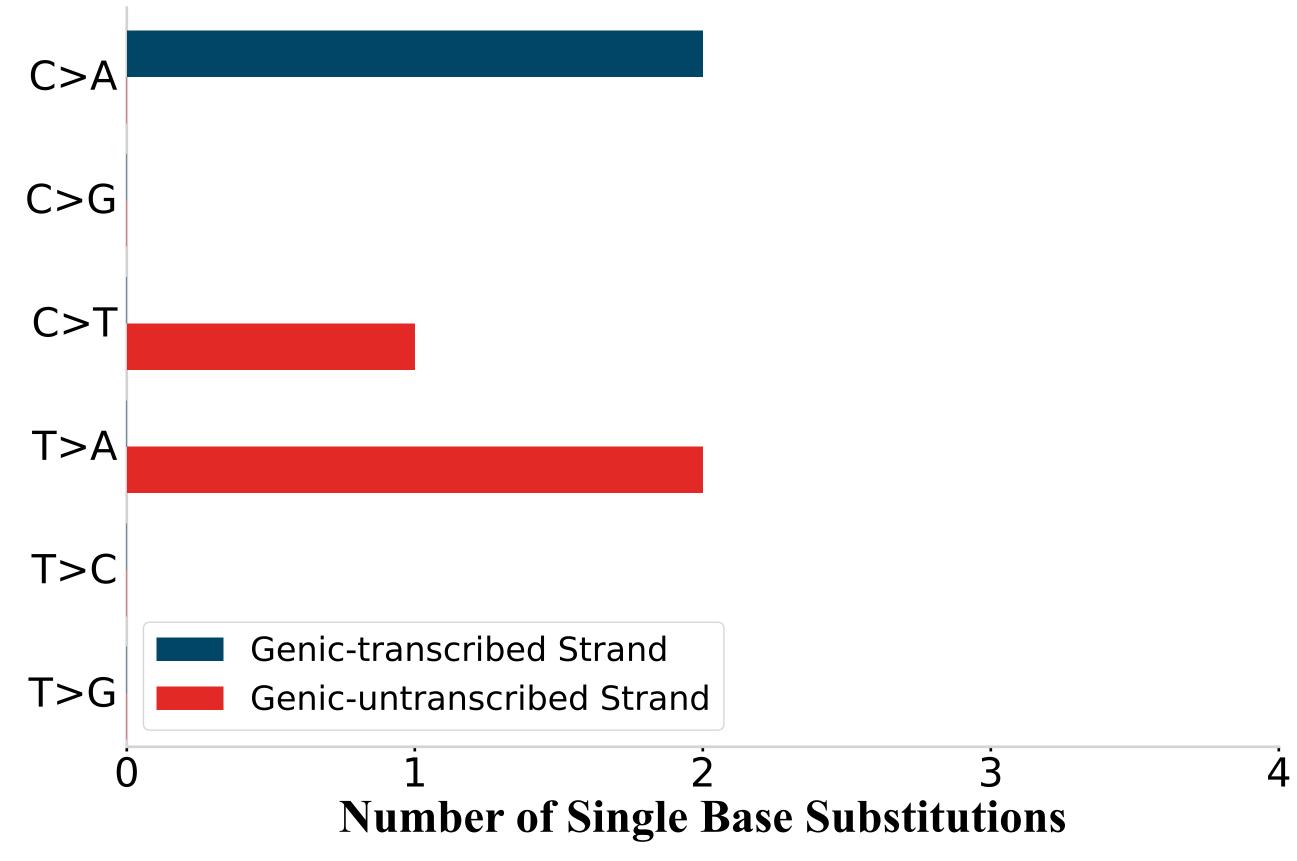
P-0003372-T01-IM5: 2 transcribed subs



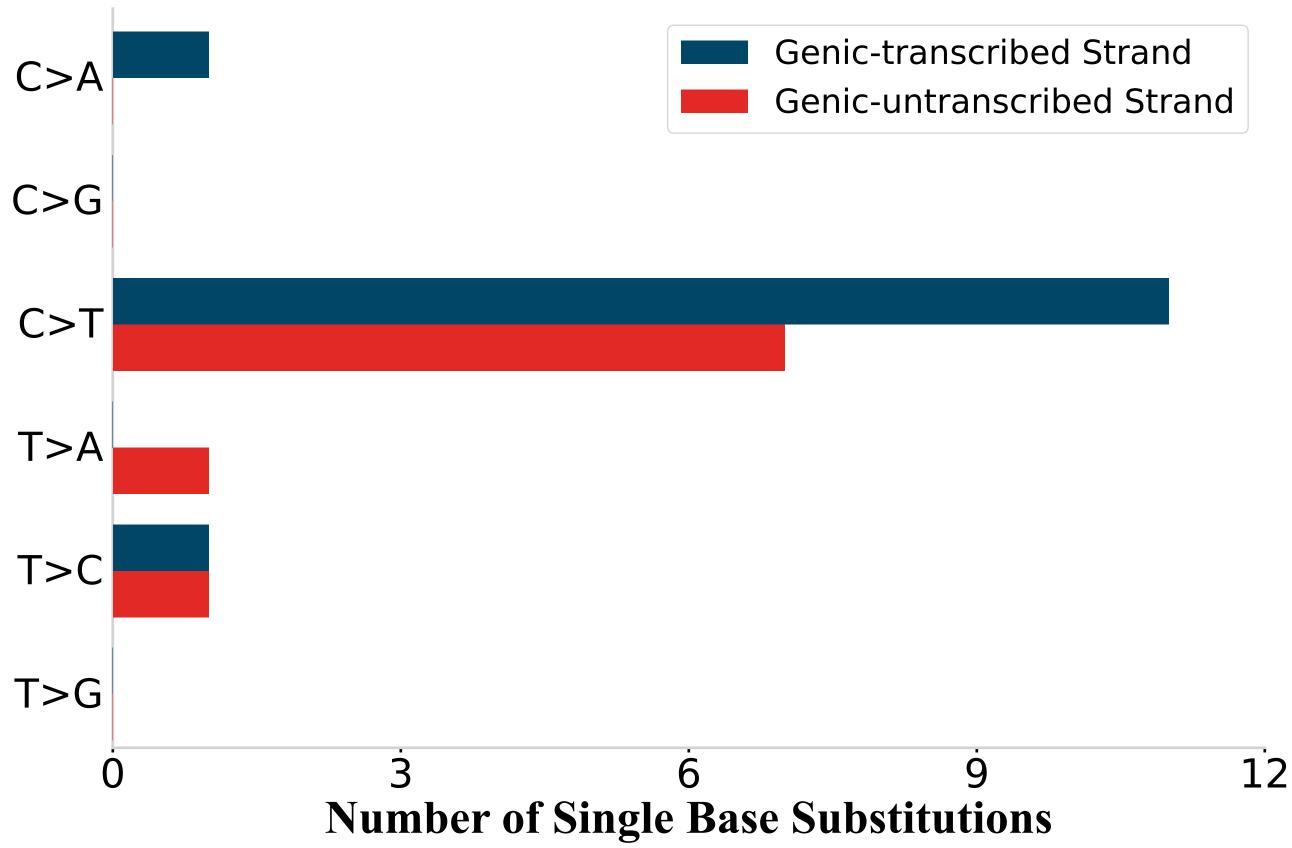
P-0003560-T01-IM5: 45 transcribed subs



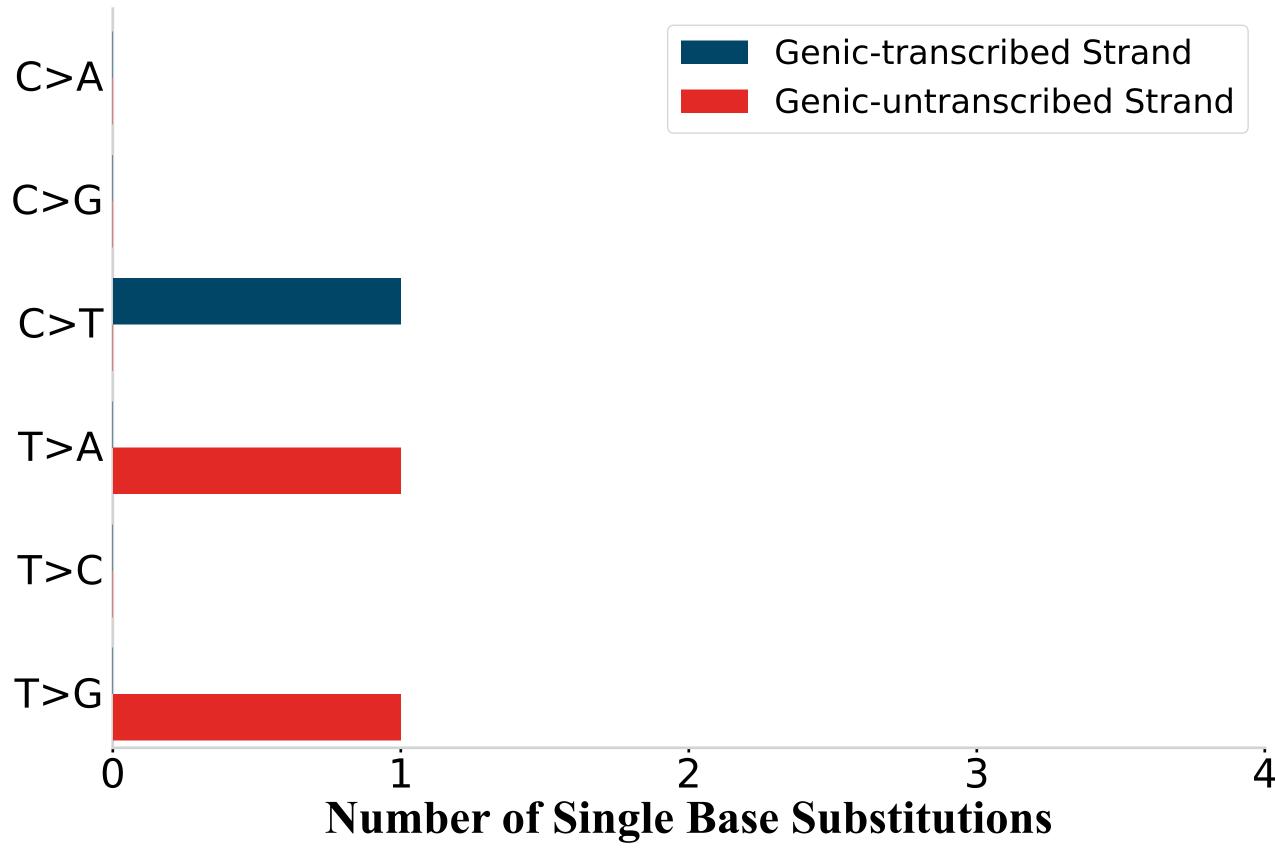
P-0003609-T01-IM5: 5 transcribed subs



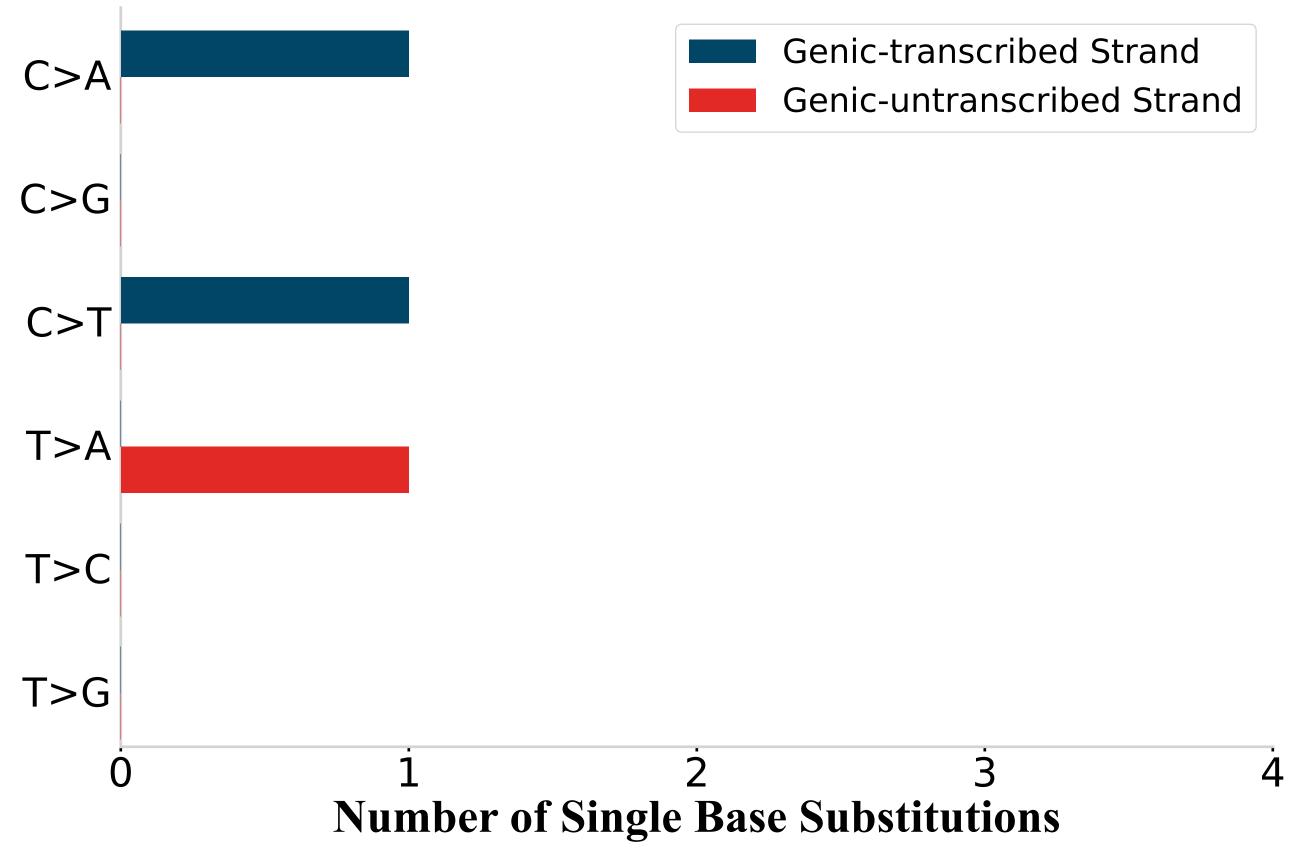
P-0003620-T02-IM5: 22 transcribed subs



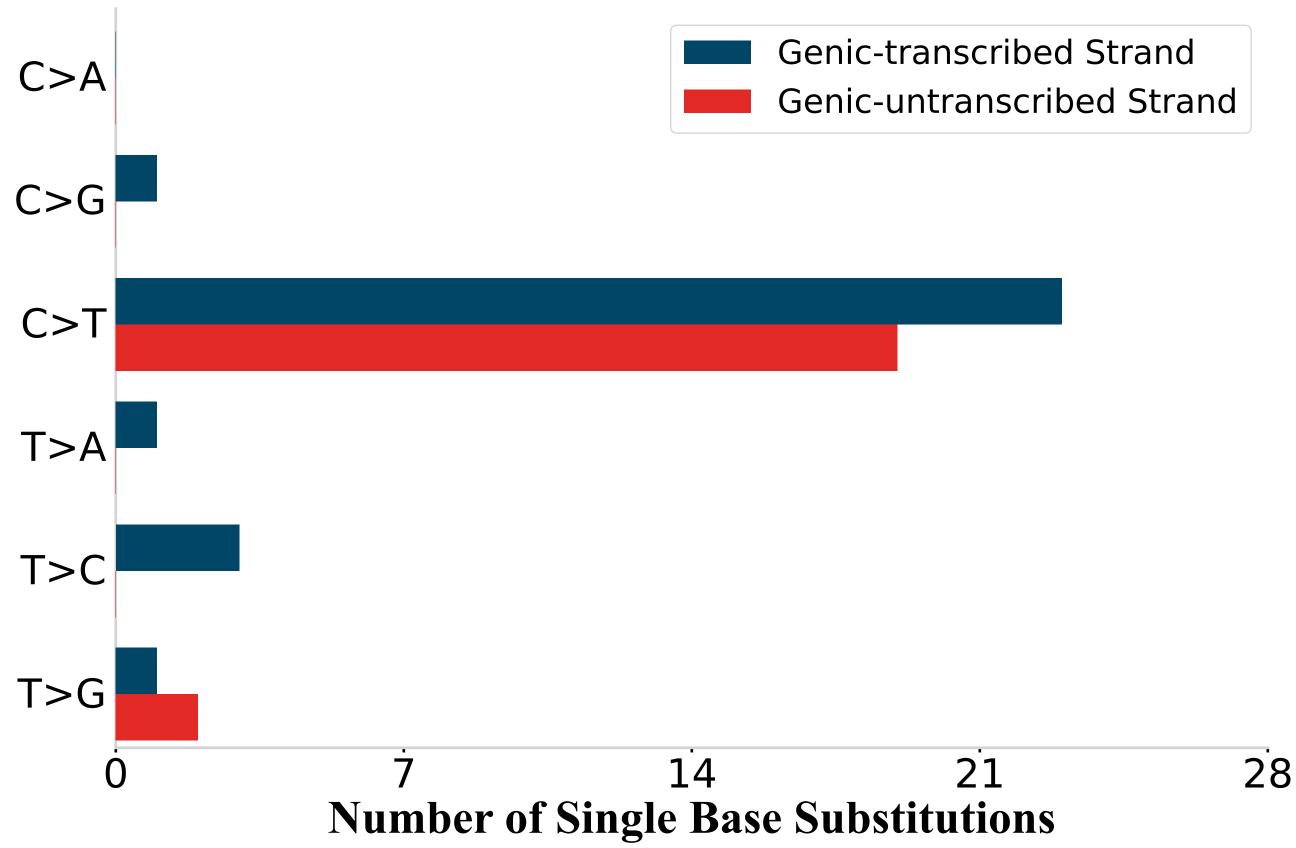
P-0003621-T01-IM5: 3 transcribed subs



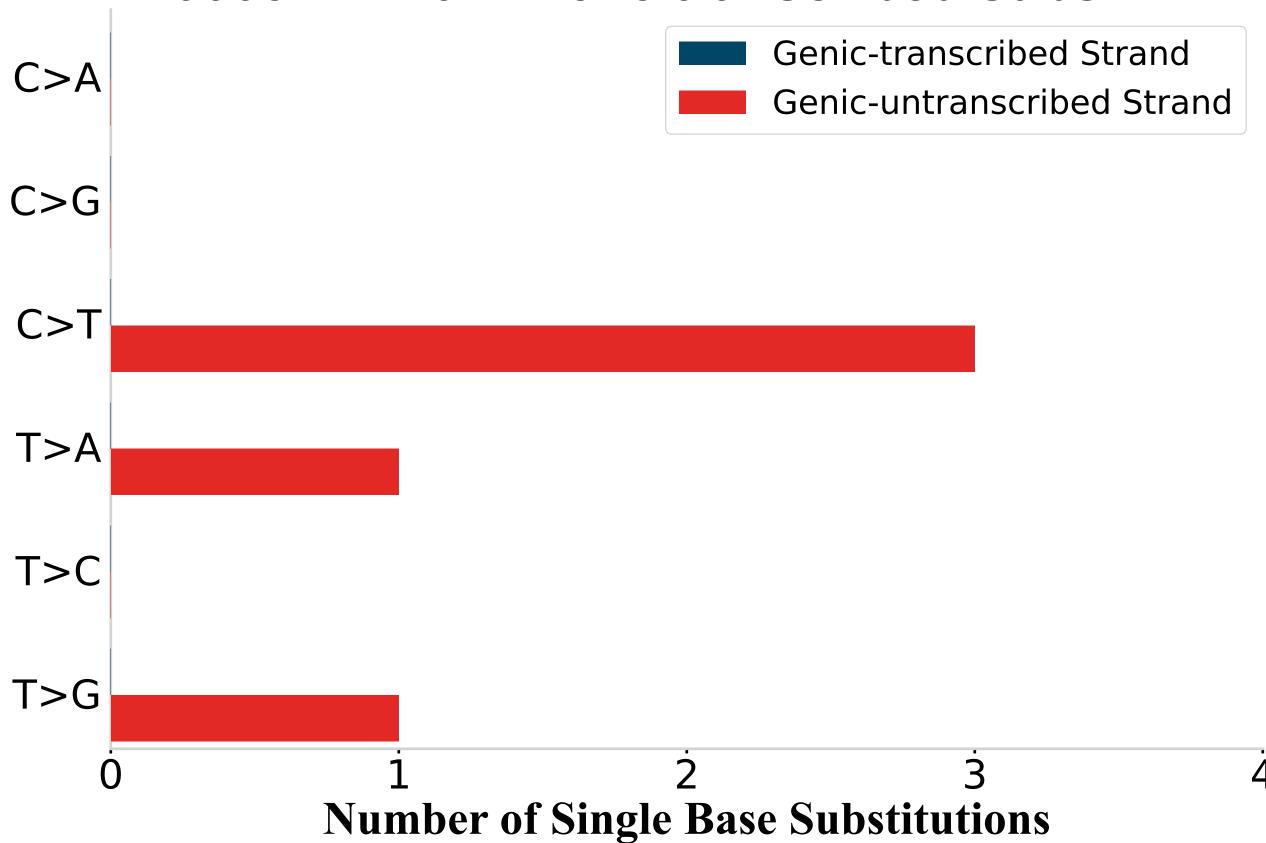
P-0003700-T01-IM5: 3 transcribed subs



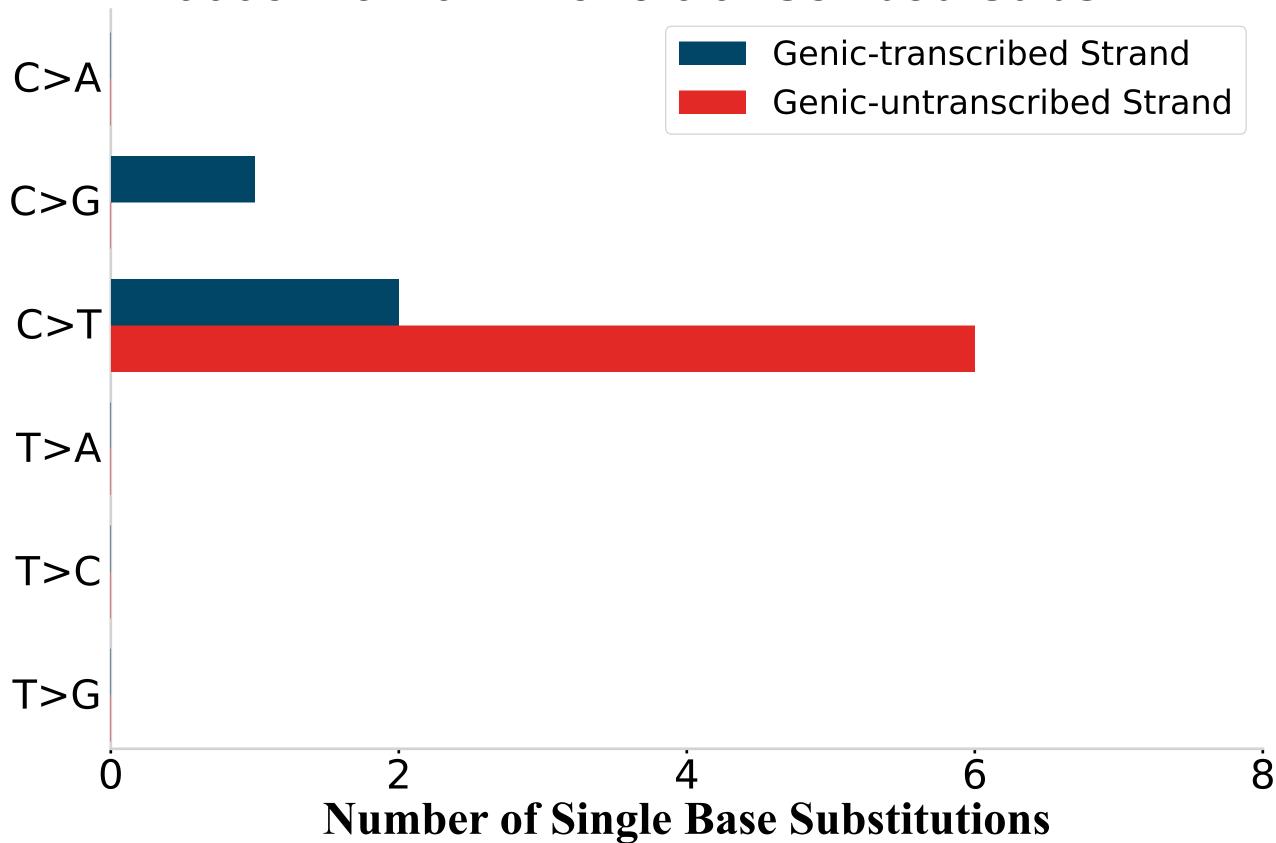
P-0003728-T01-IM5: 50 transcribed subs



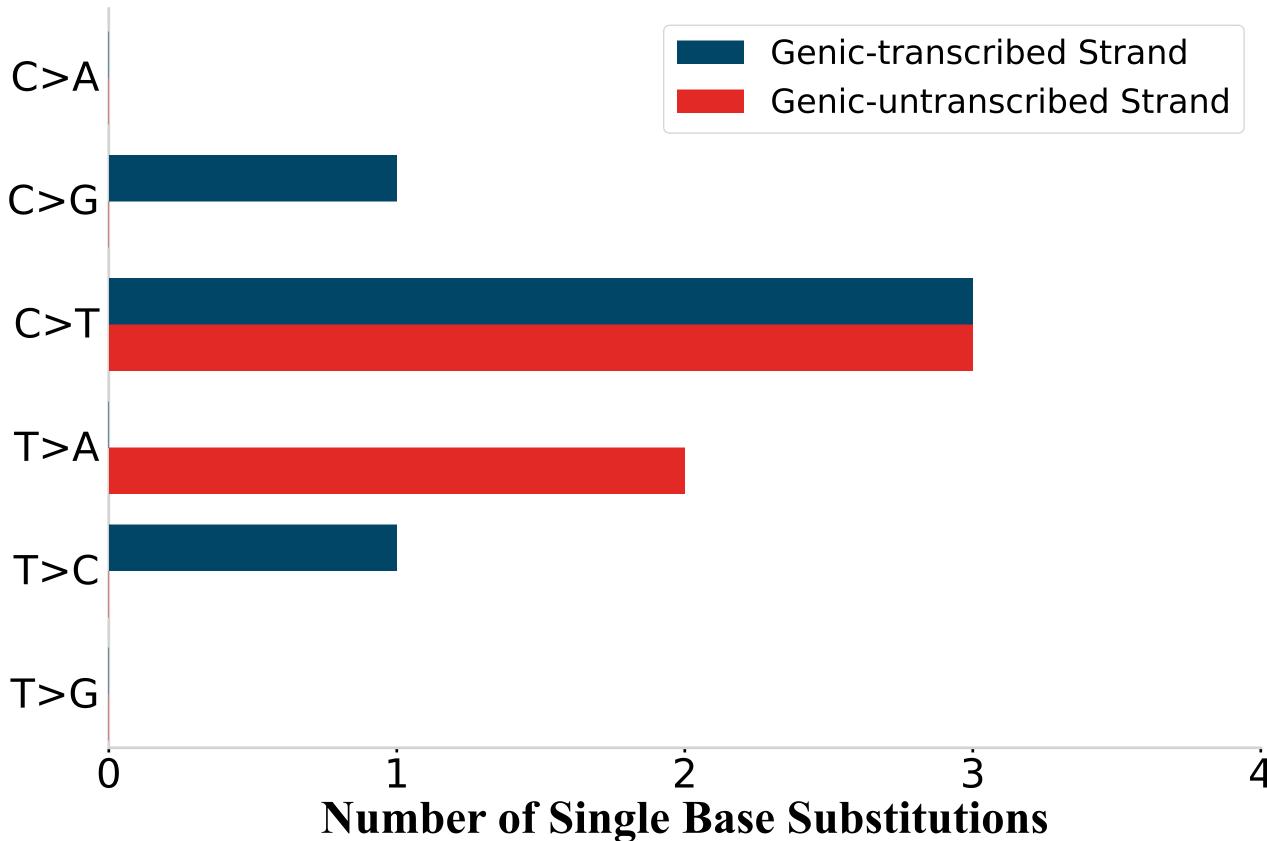
P-0003742-T01-IM5: 5 transcribed subs



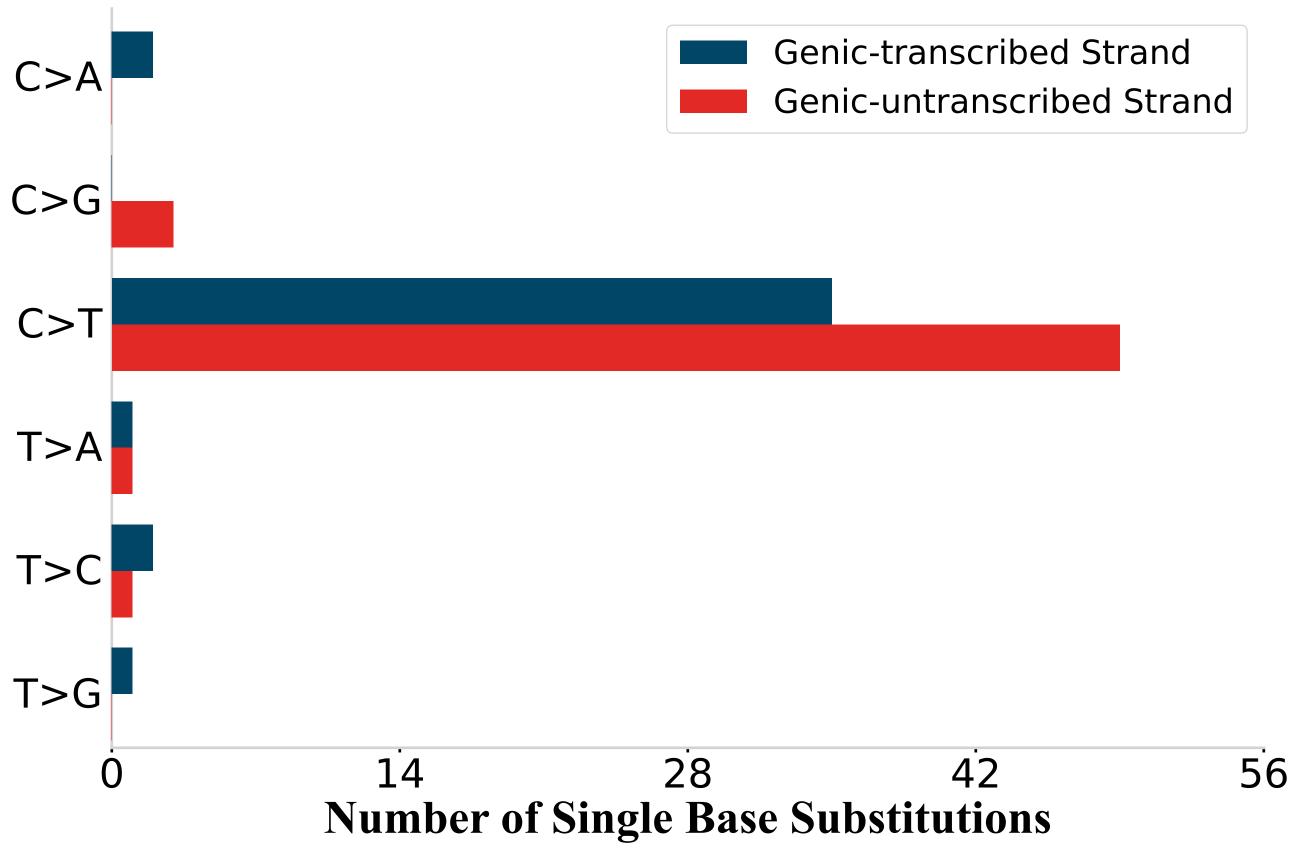
P-0003743-T01-IM5: 9 transcribed subs



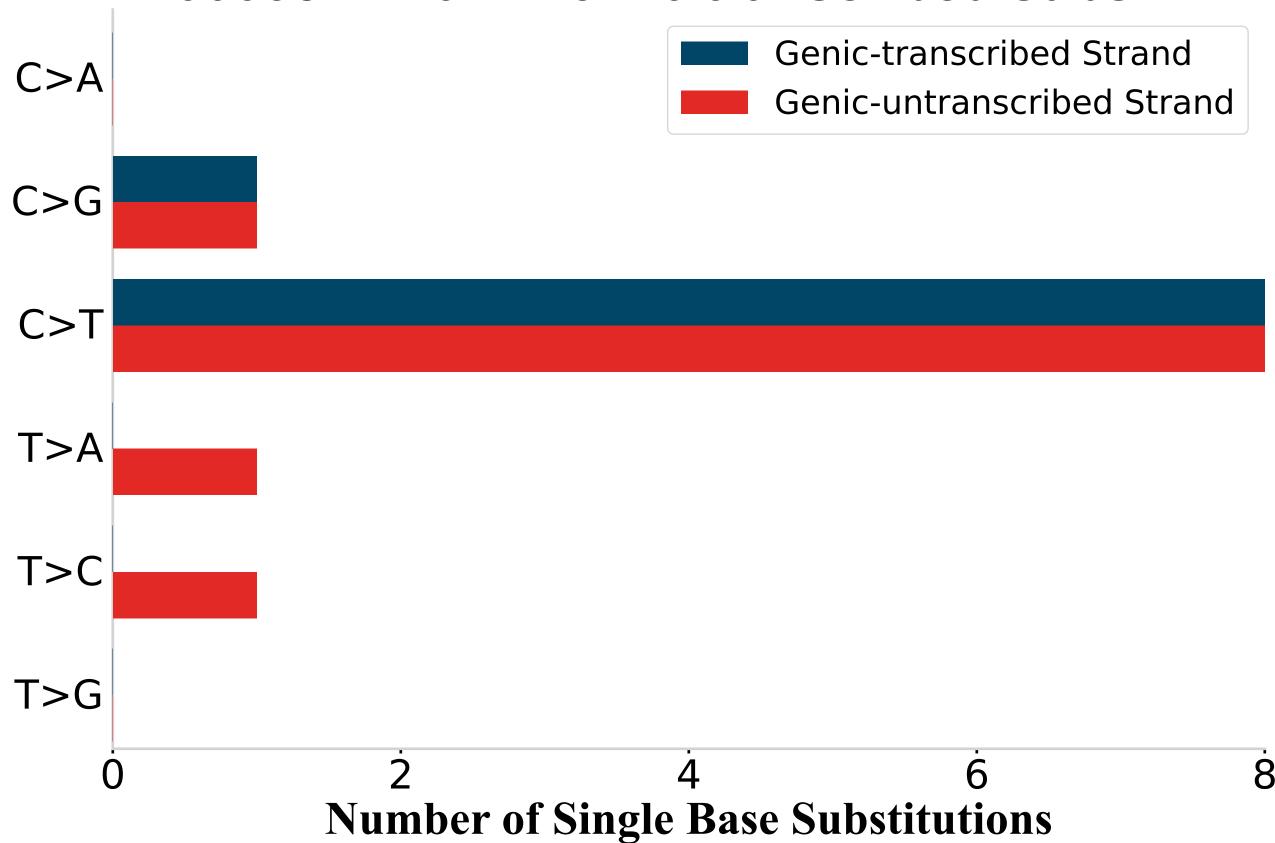
P-0003868-T01-IM5: 10 transcribed subs



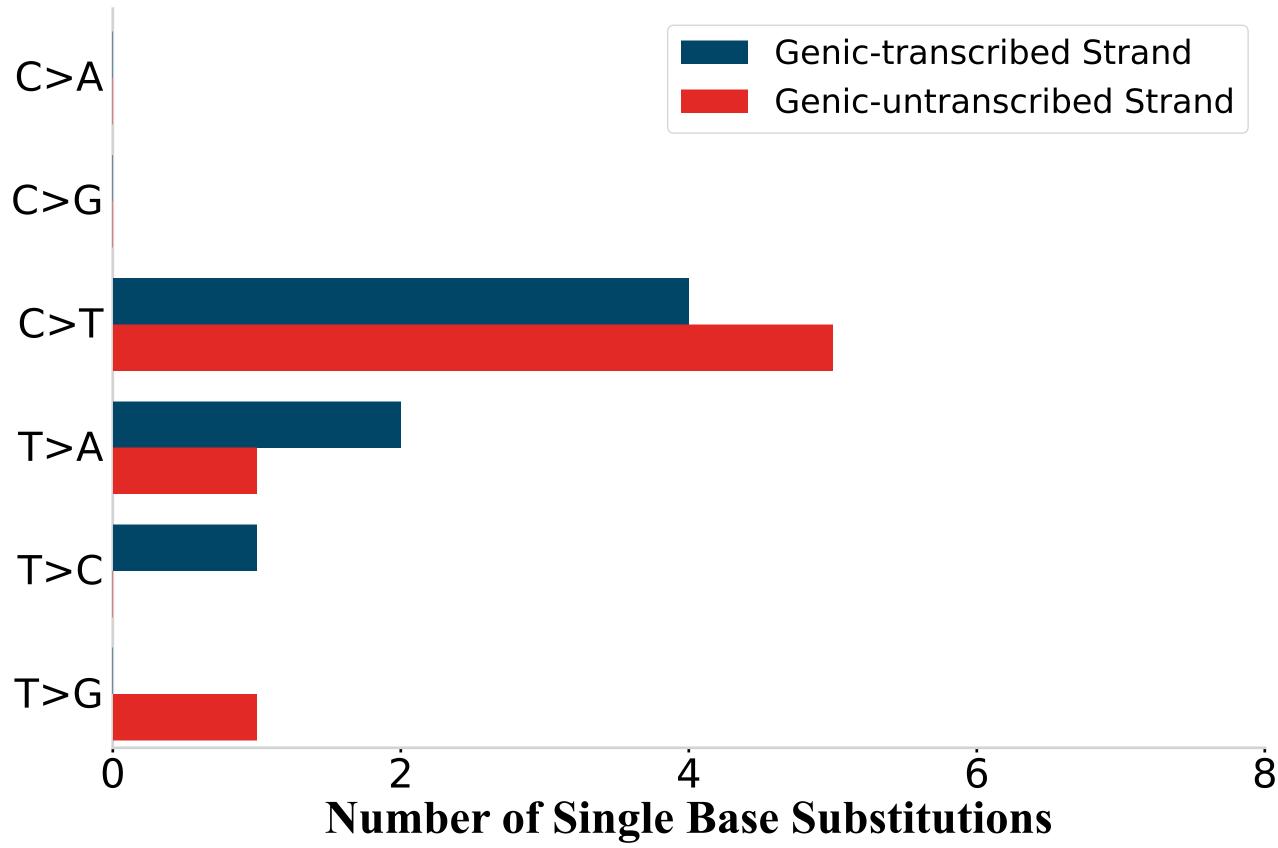
P-0003871-T01-IM5: 95 transcribed subs



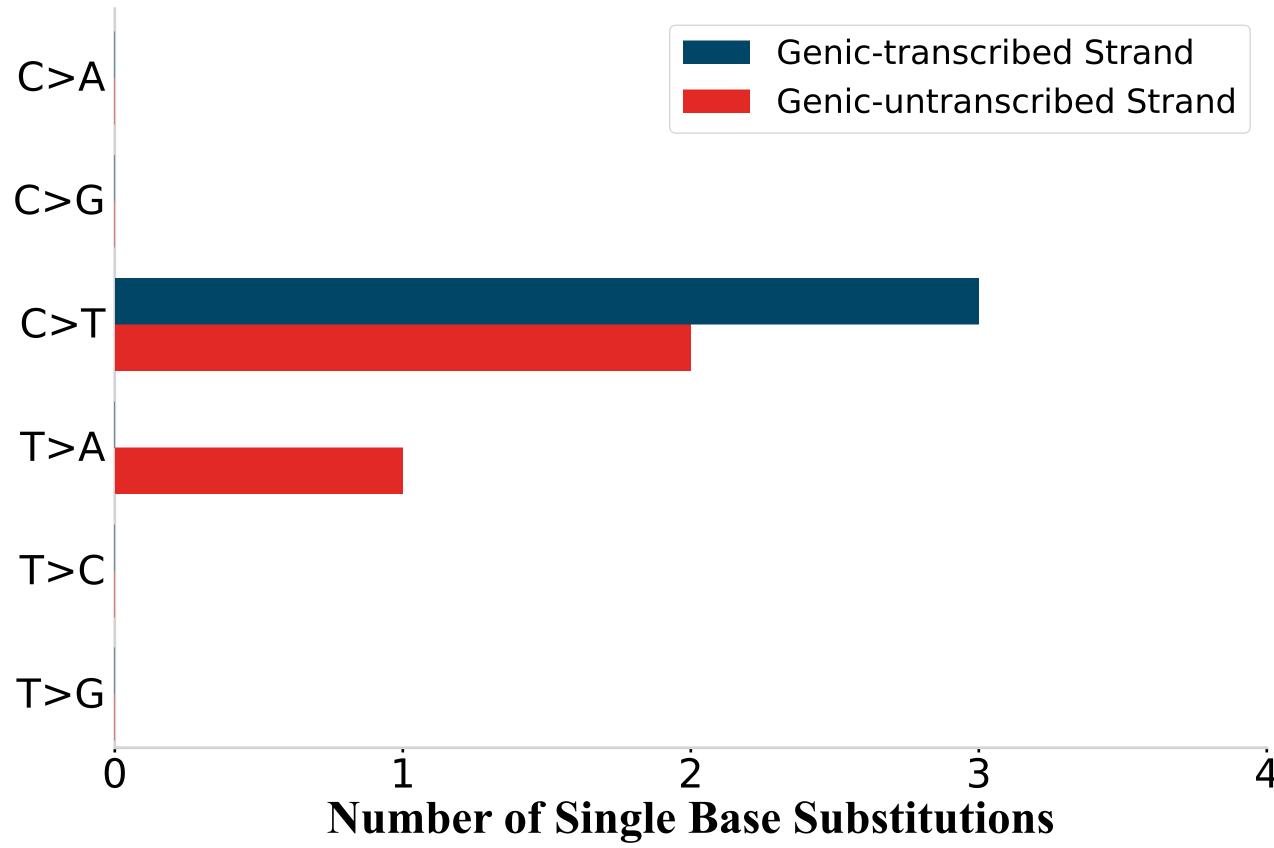
P-0003872-T01-IM5: 20 transcribed subs



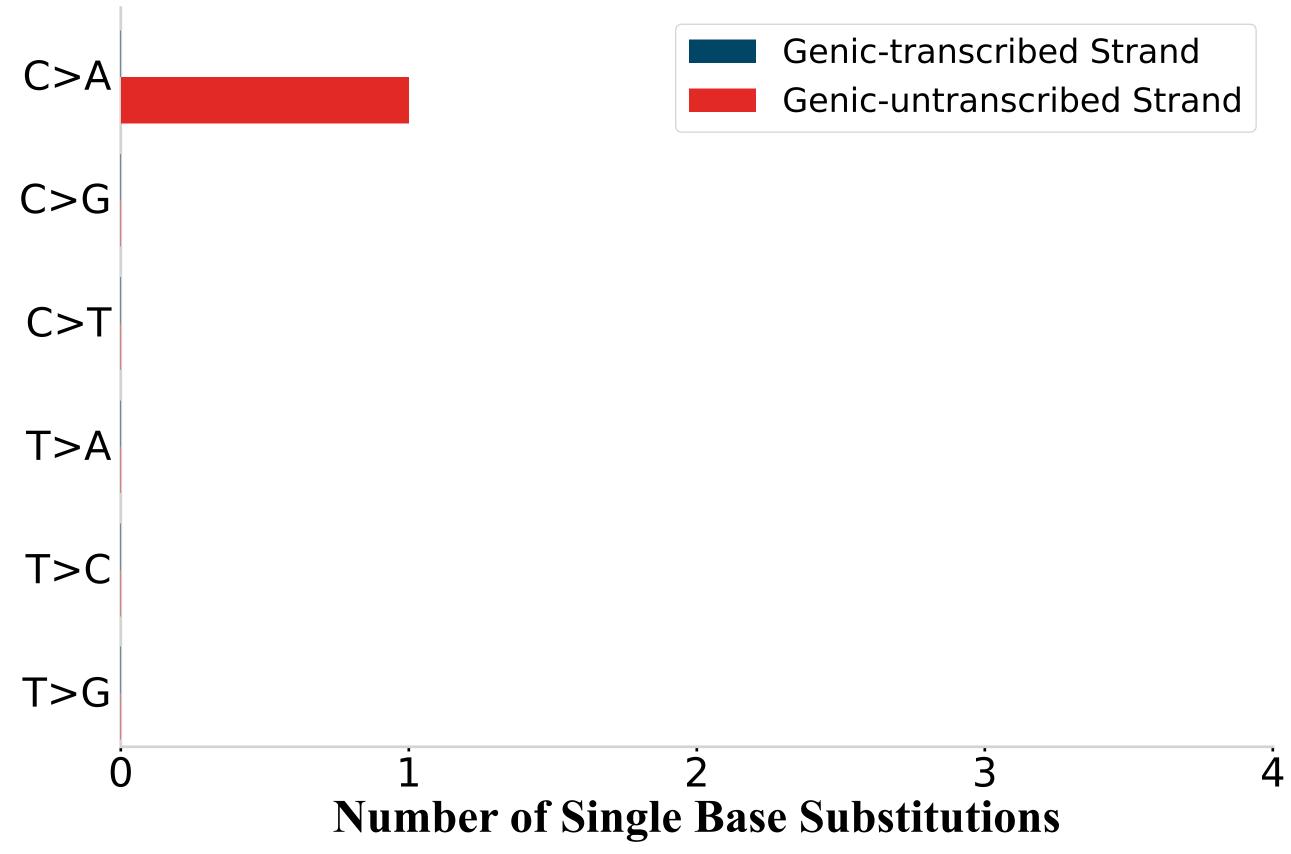
P-0003921-T01-IM5: 14 transcribed subs



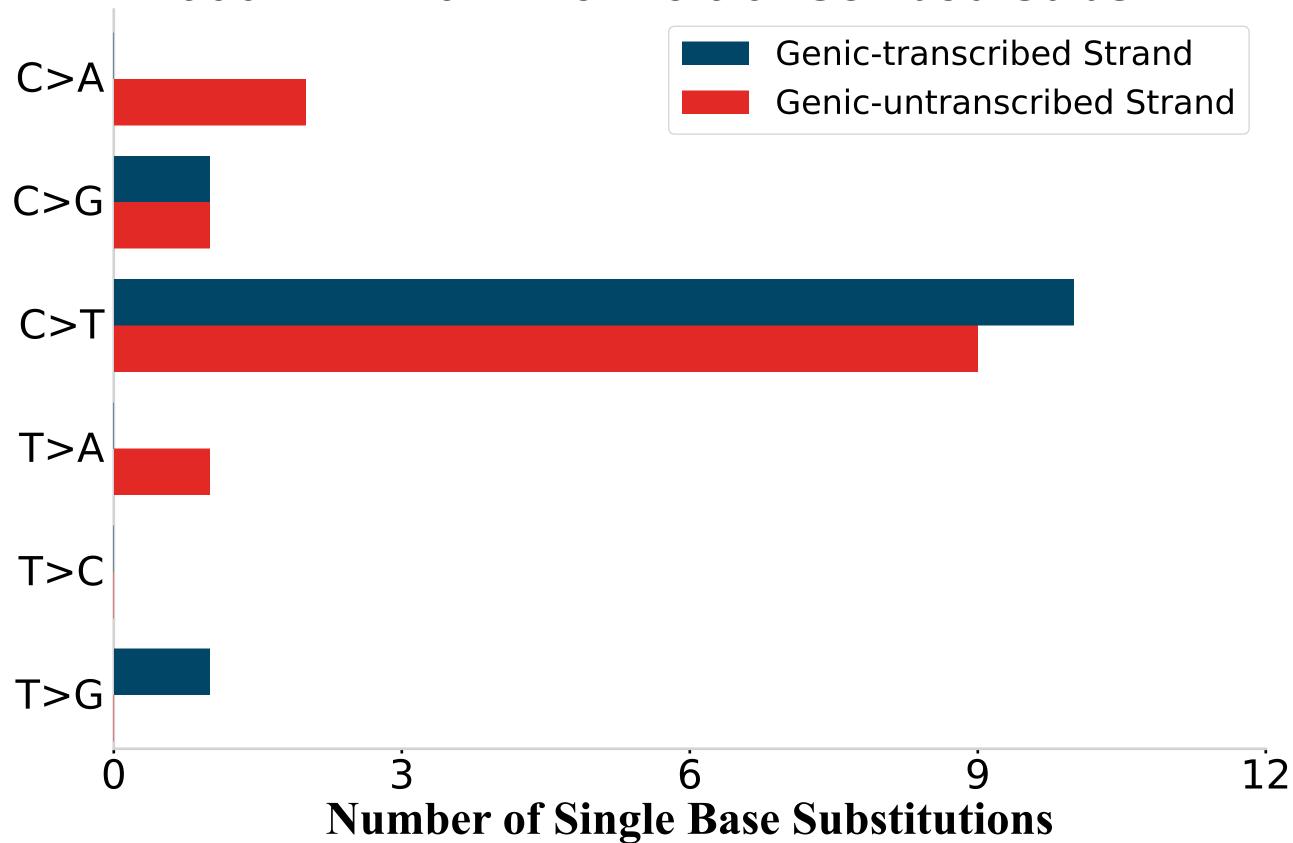
P-0003966-T01-IM5: 6 transcribed subs



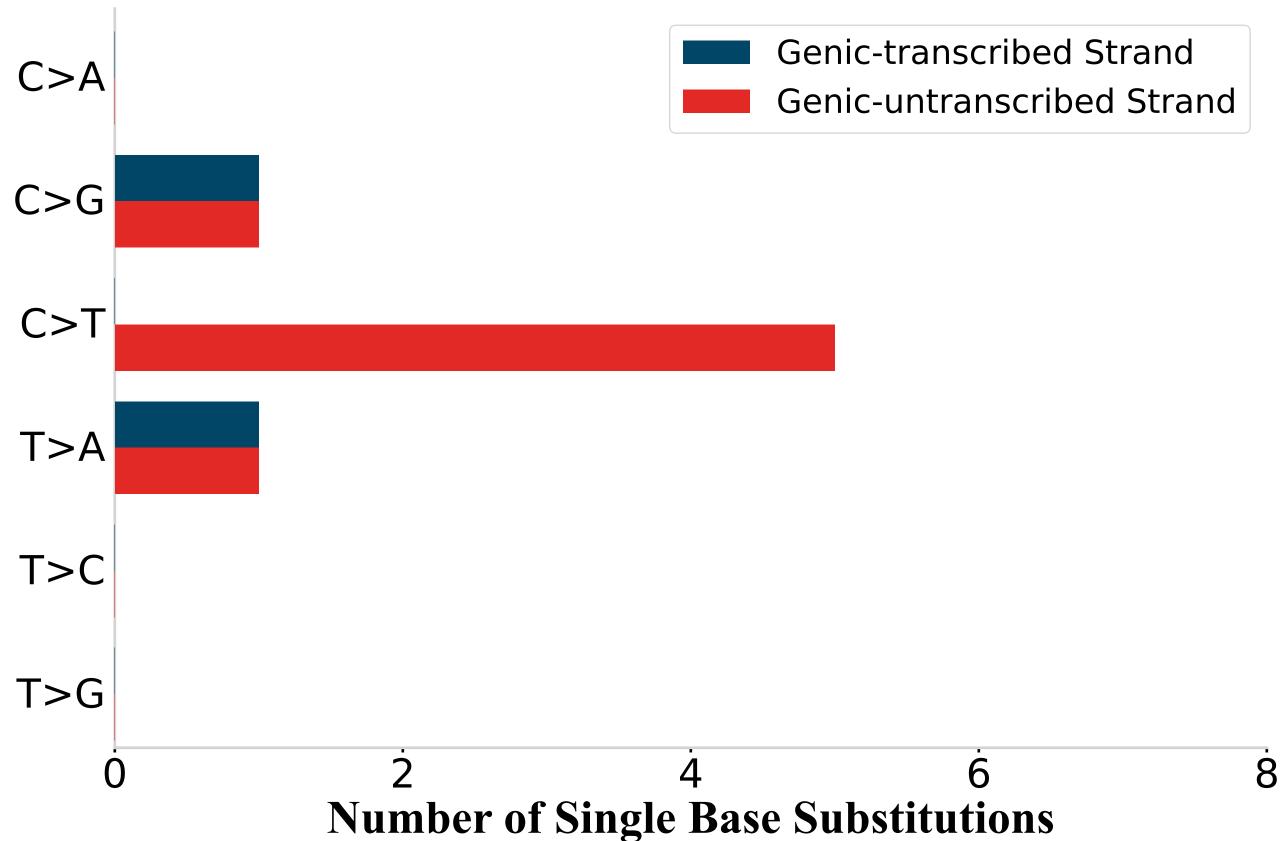
P-0004048-T01-IM5: 1 transcribed subs



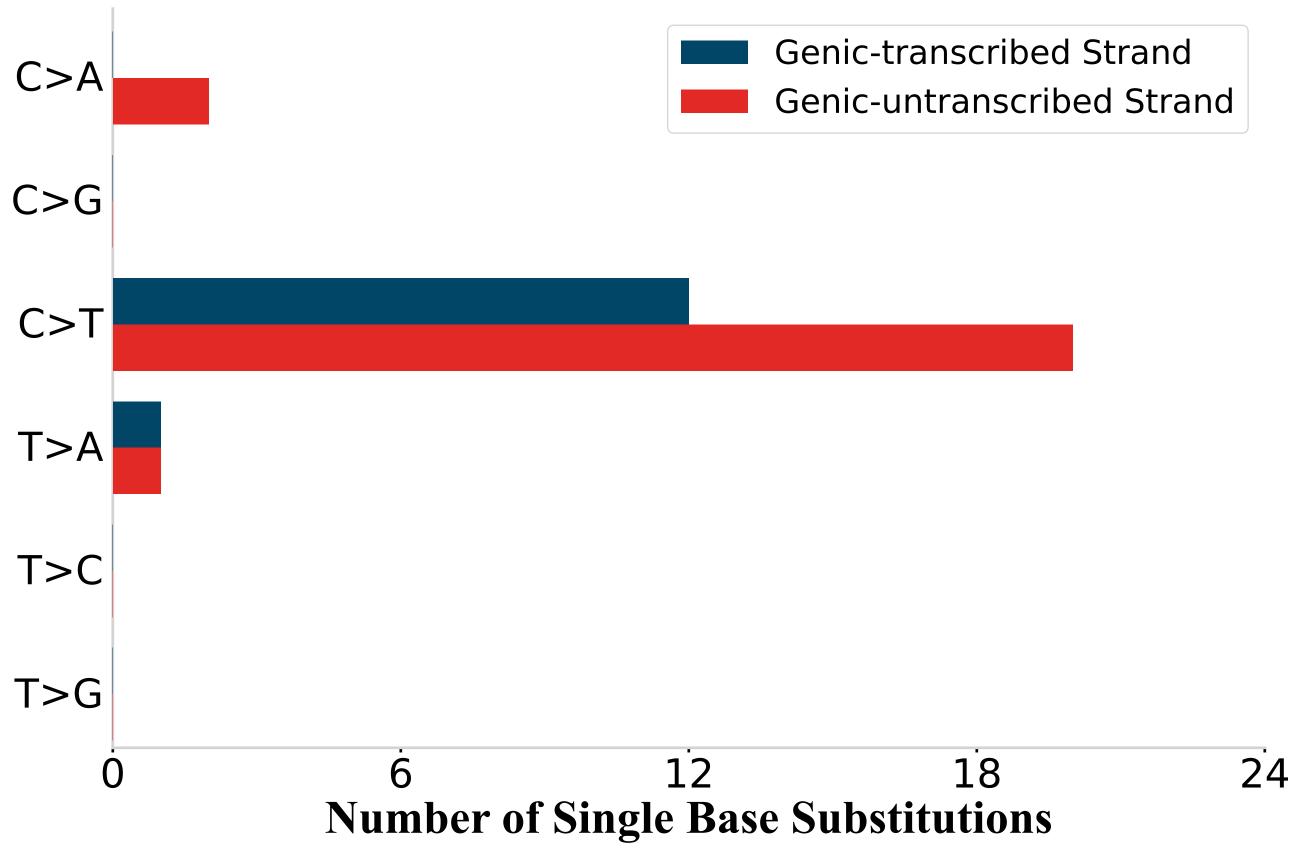
P-0004142-T01-IM5: 25 transcribed subs



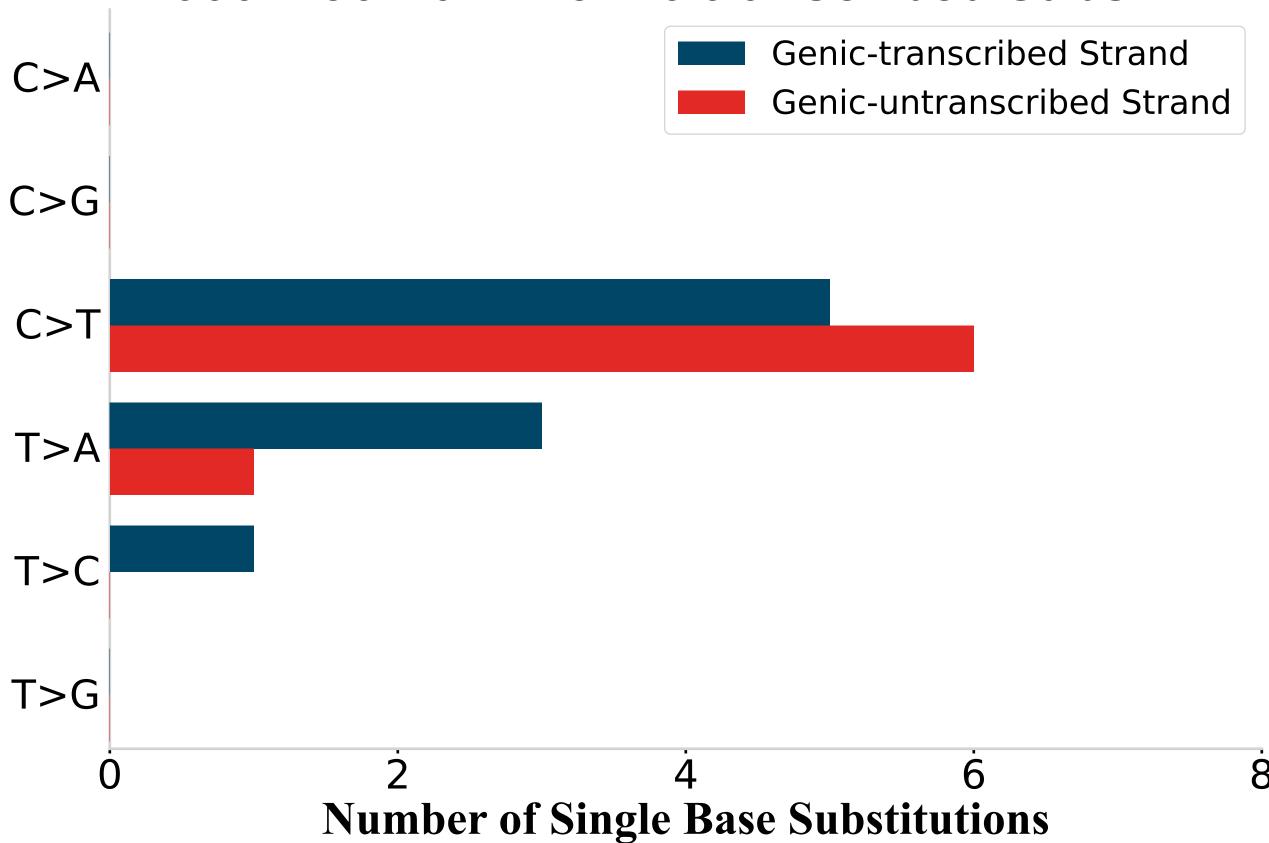
P-0004203-T01-IM5: 9 transcribed subs



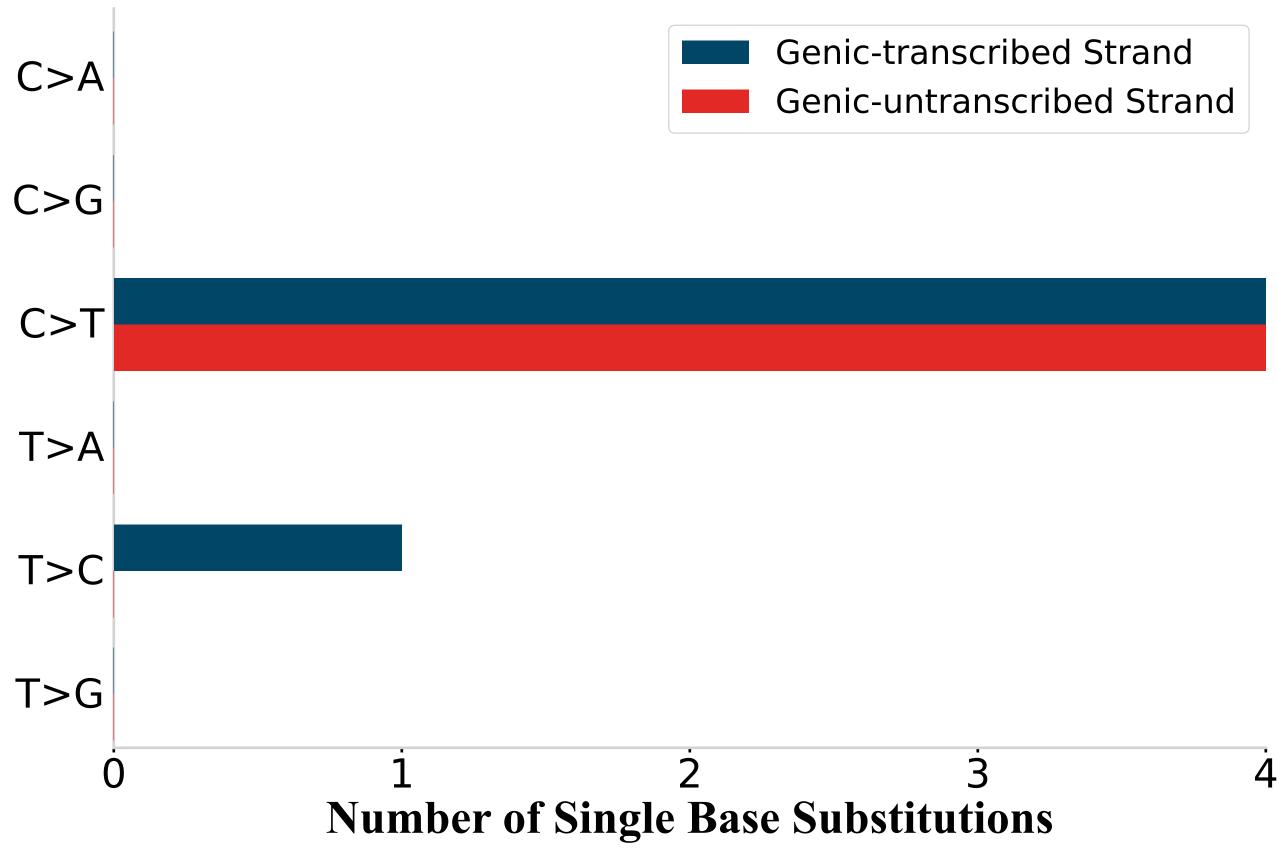
P-0004214-T01-IM5: 36 transcribed subs



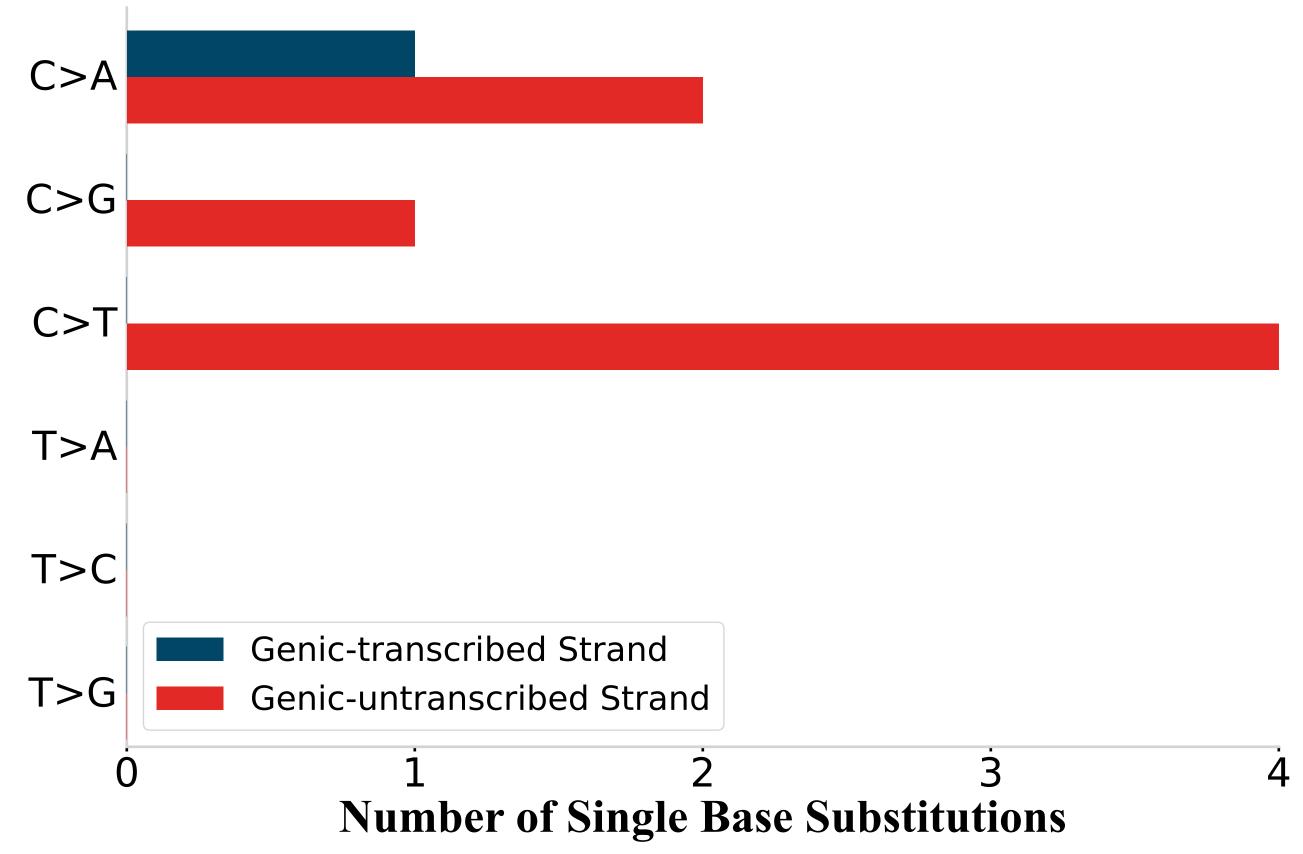
P-0004236-T01-IM5: 16 transcribed subs



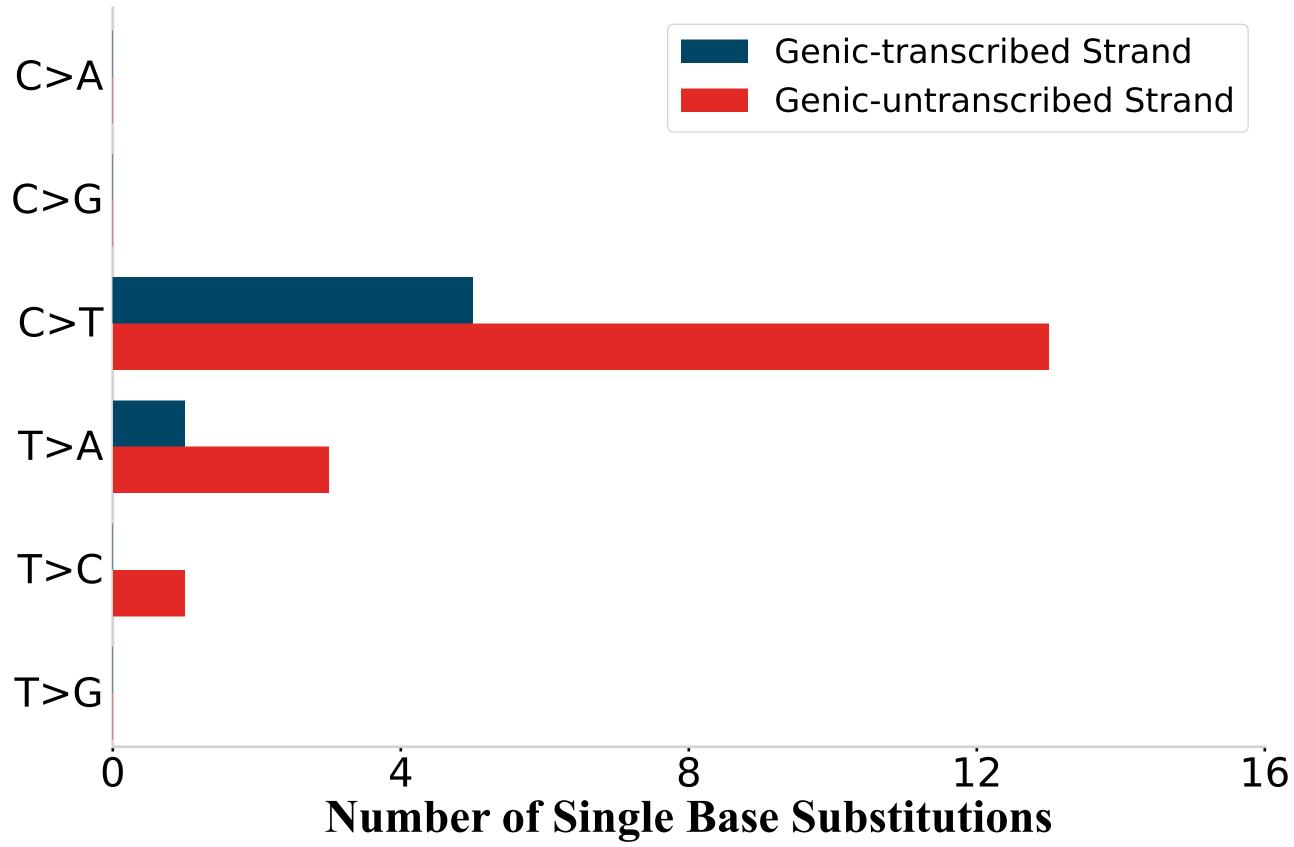
P-0004253-T01-IM5: 9 transcribed subs



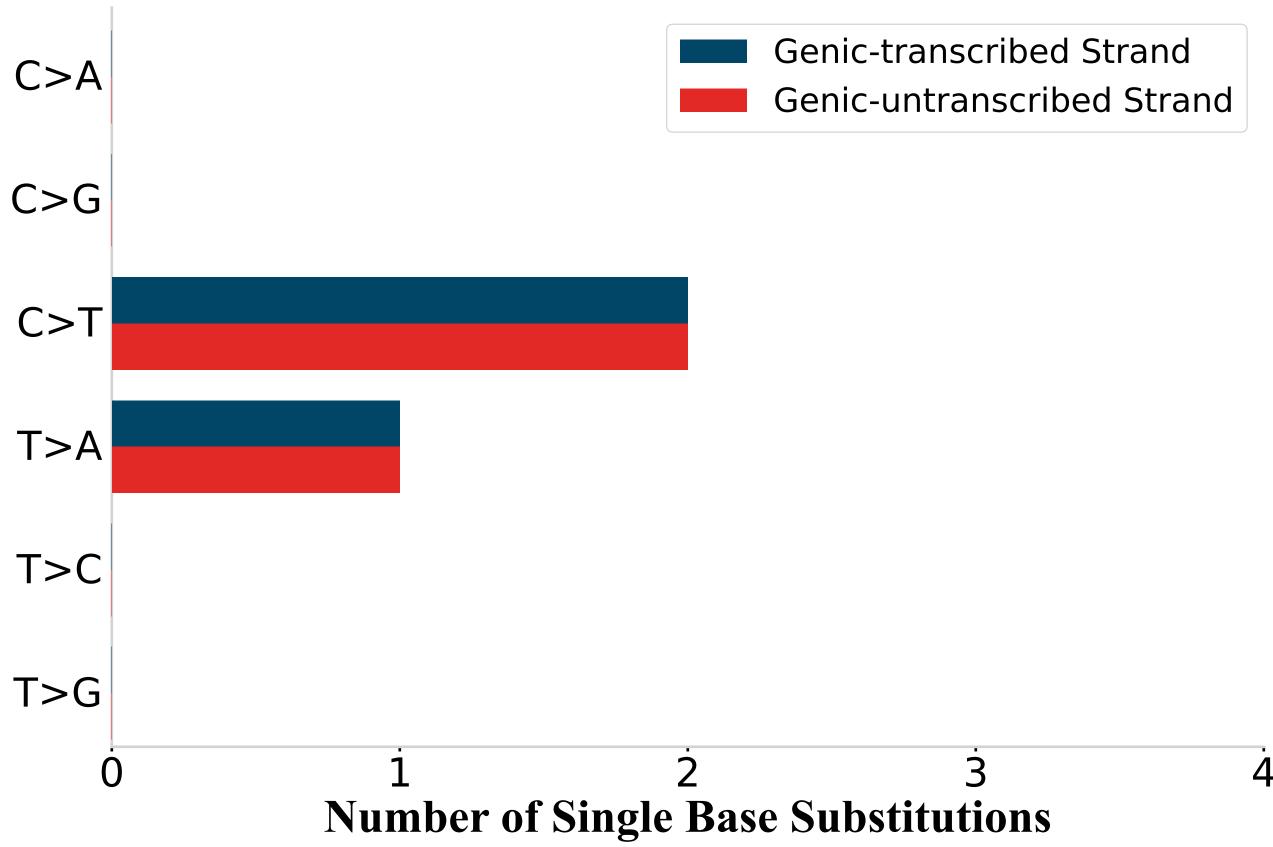
P-0004272-T01-IM5: 8 transcribed subs



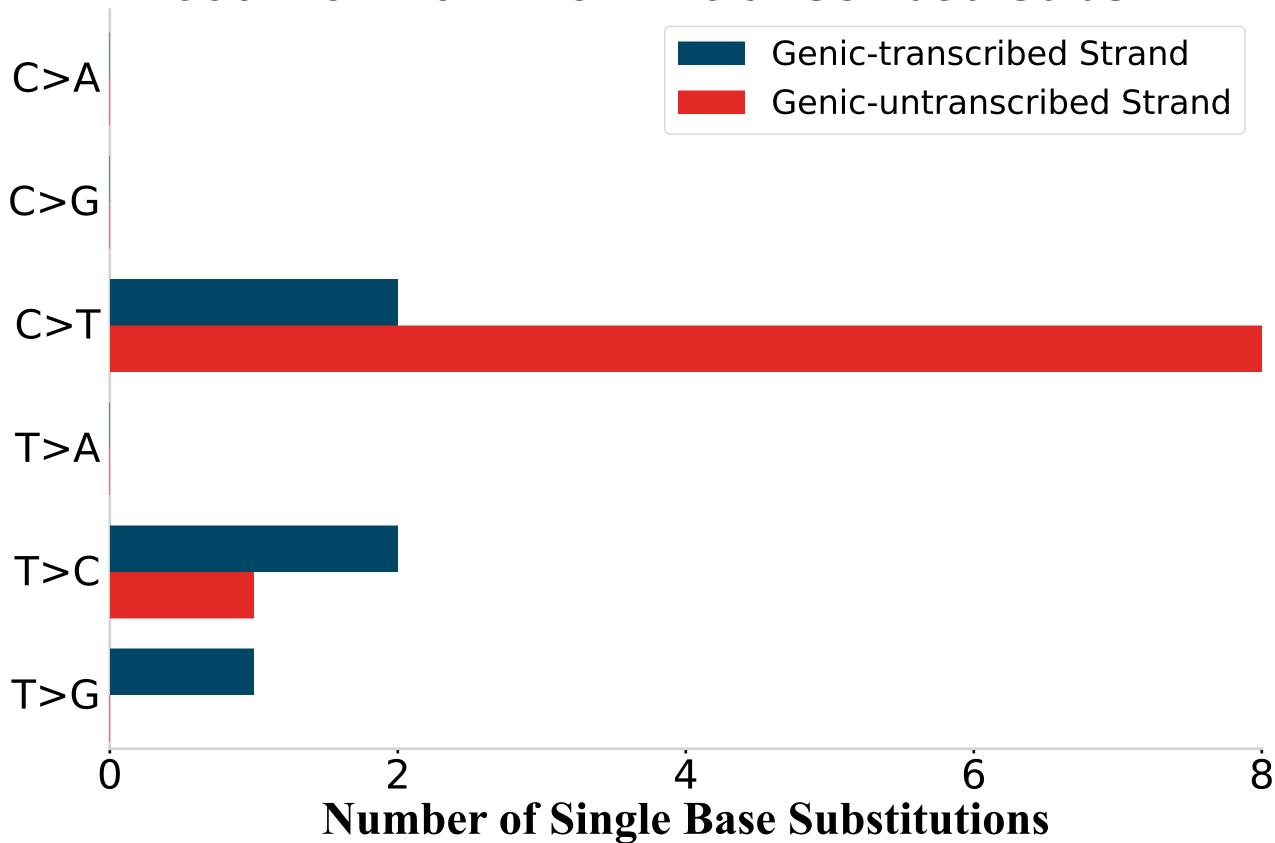
P-0004348-T01-IM5: 23 transcribed subs



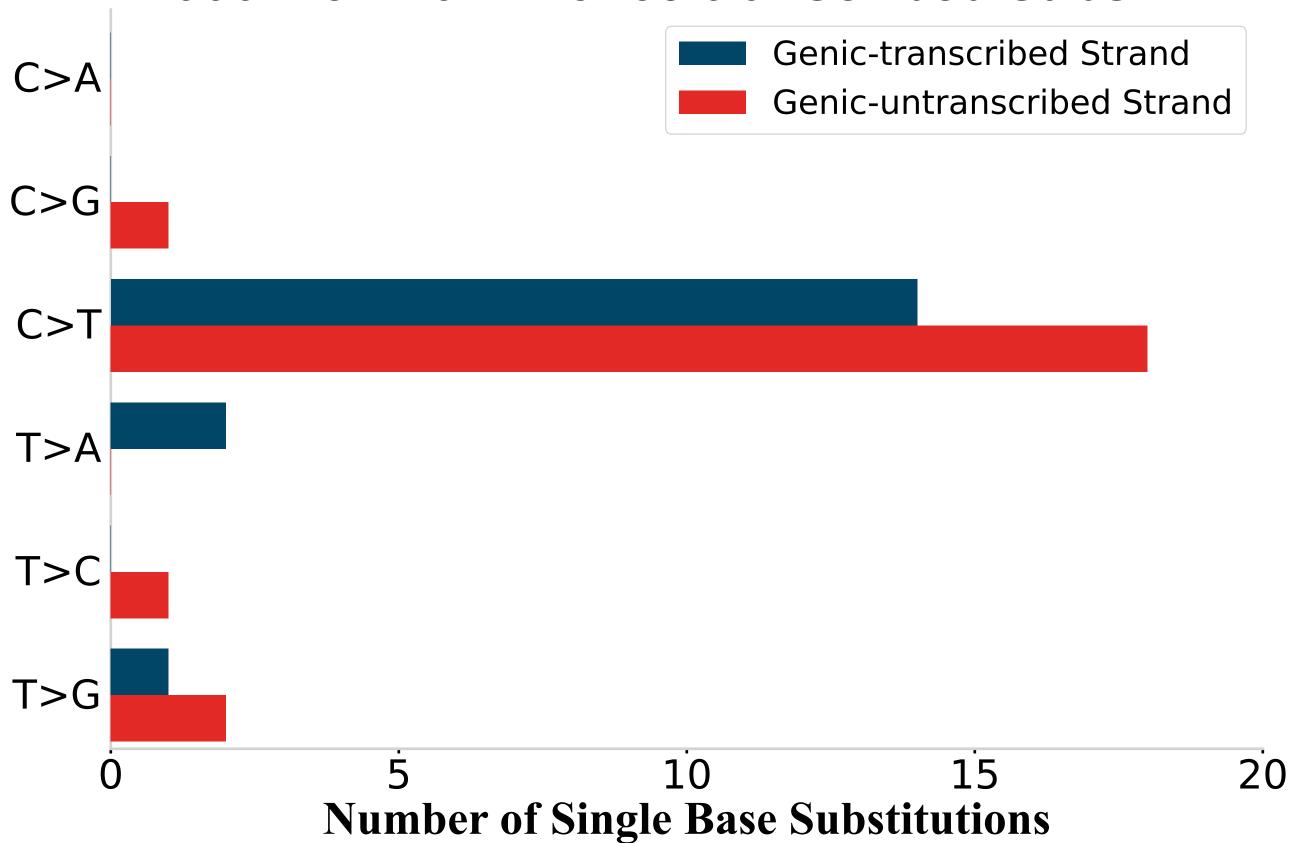
P-0004349-T01-IM5: 6 transcribed subs



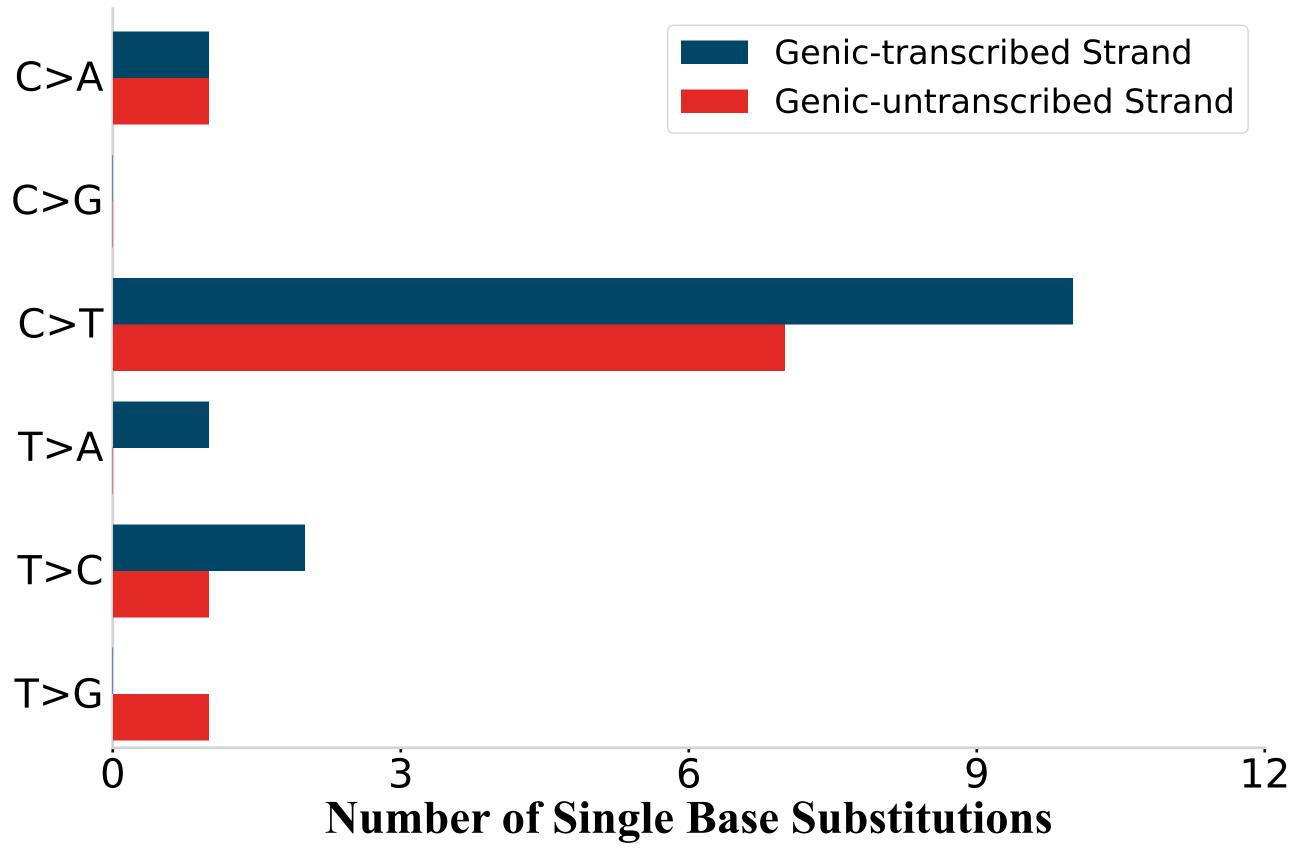
P-0004437-T01-IM5: 14 transcribed subs



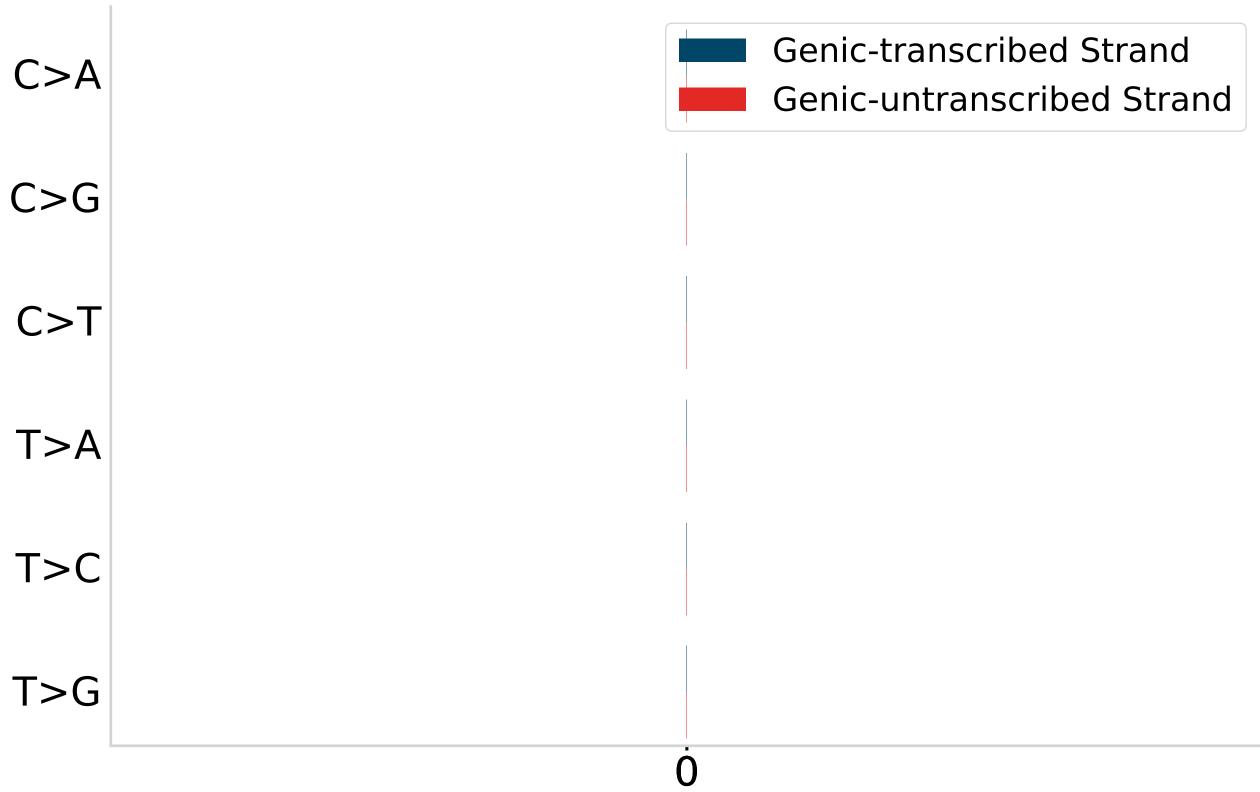
P-0004457-T01-IM5: 39 transcribed subs



P-0004518-T01-IM5: 24 transcribed subs



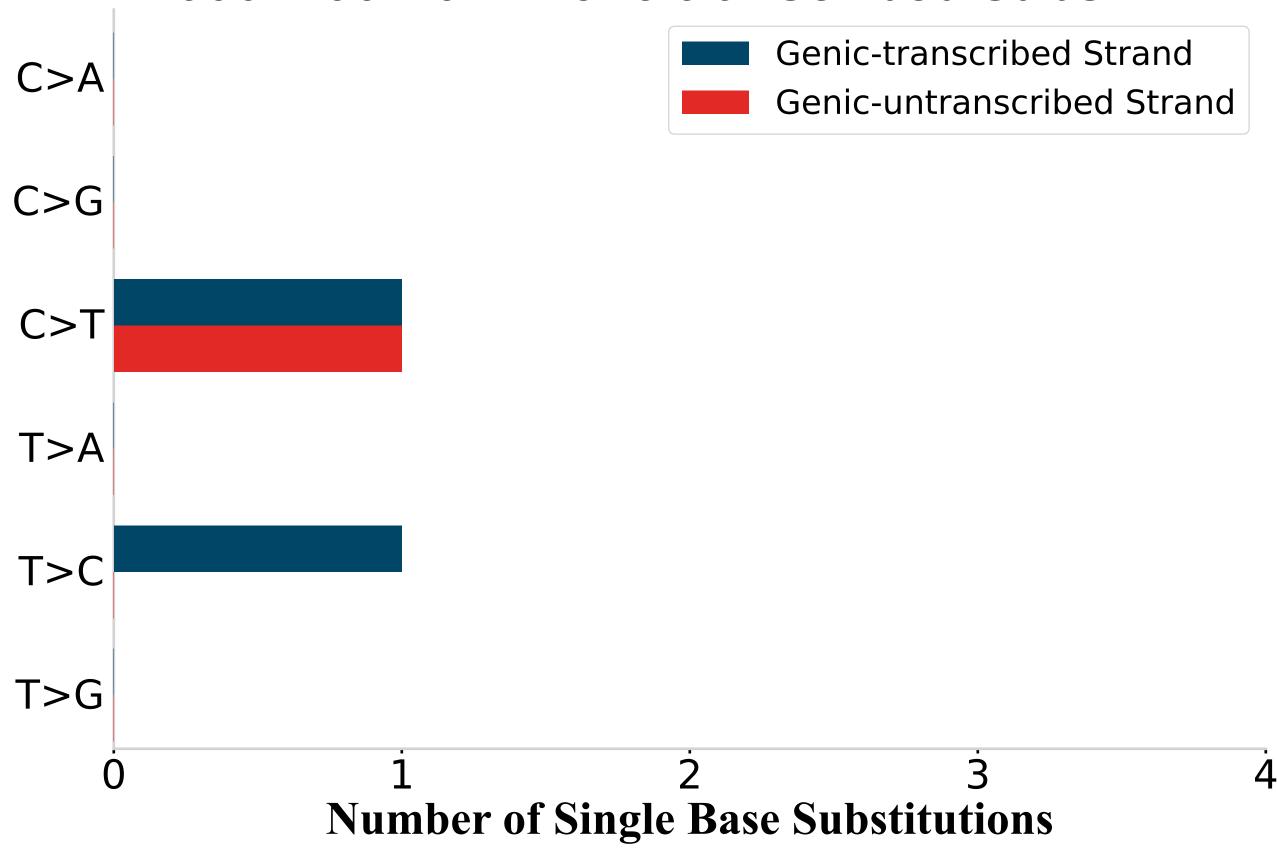
P-0004554-T01-IM5: 0 transcribed subs



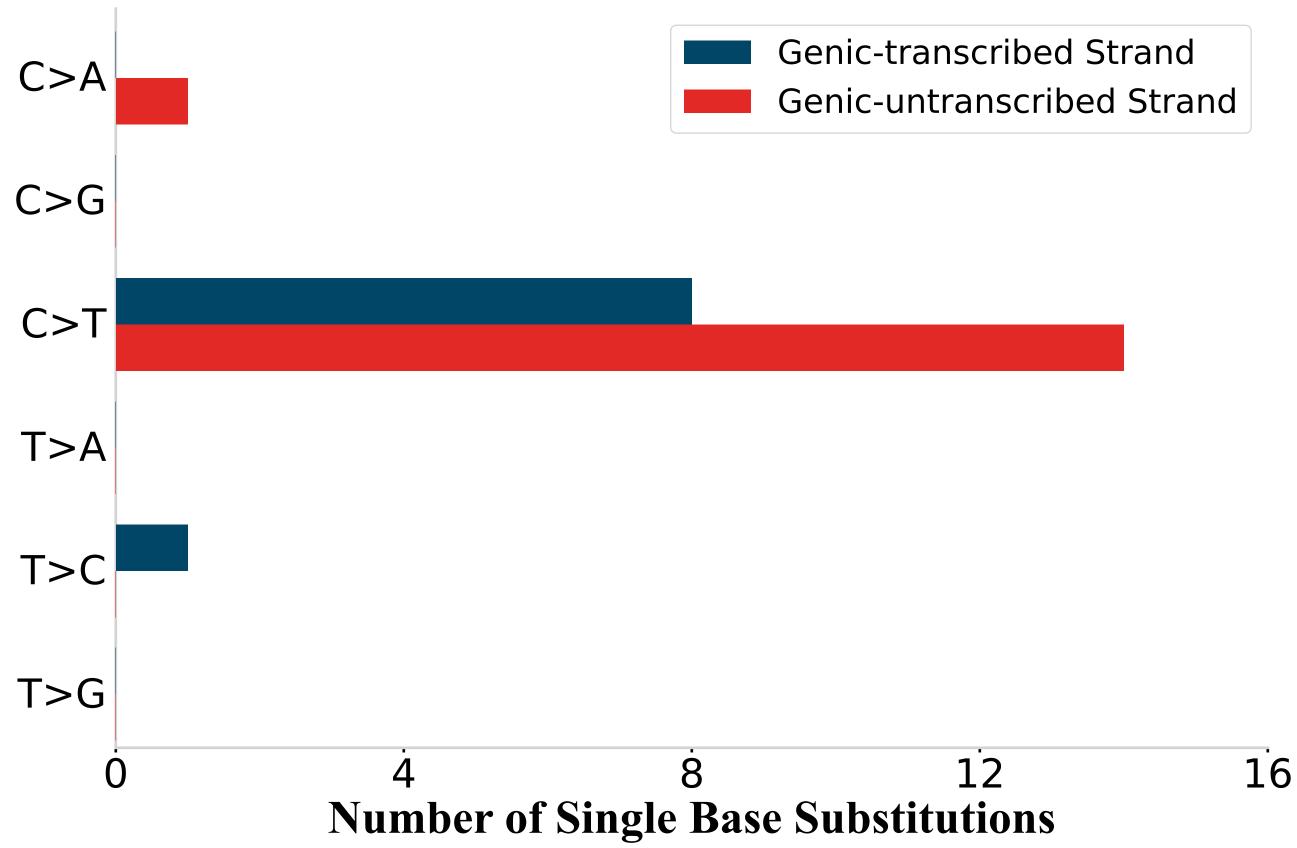
Number of Single Base Substitutions

P-0004650-T01-IM5: 60 transcribed subs Genic-transcribed Strand C>A Genic-untranscribed Strand C>G C>T T>A T>C T>G 9 27 18 36 **Number of Single Base Substitutions**

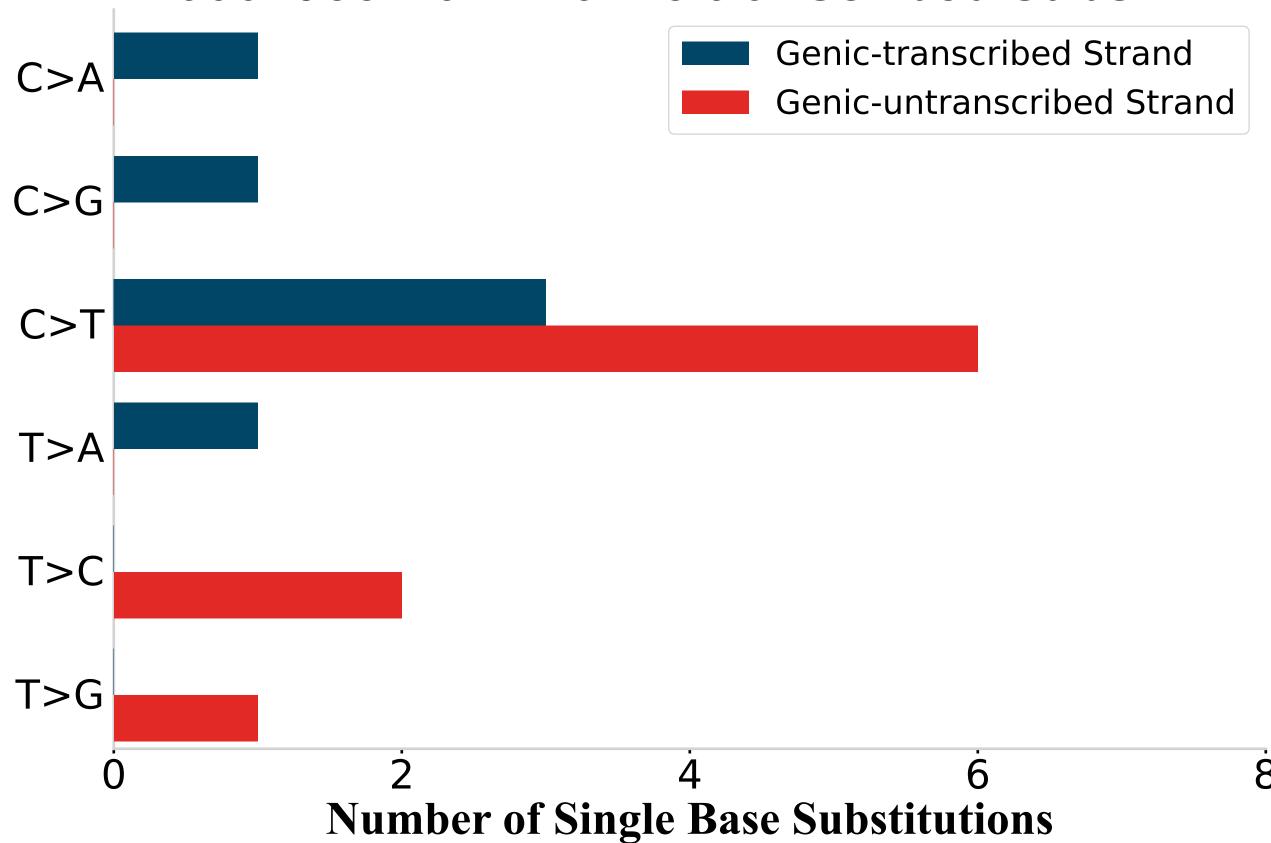
P-0004700-T02-IM5: 3 transcribed subs



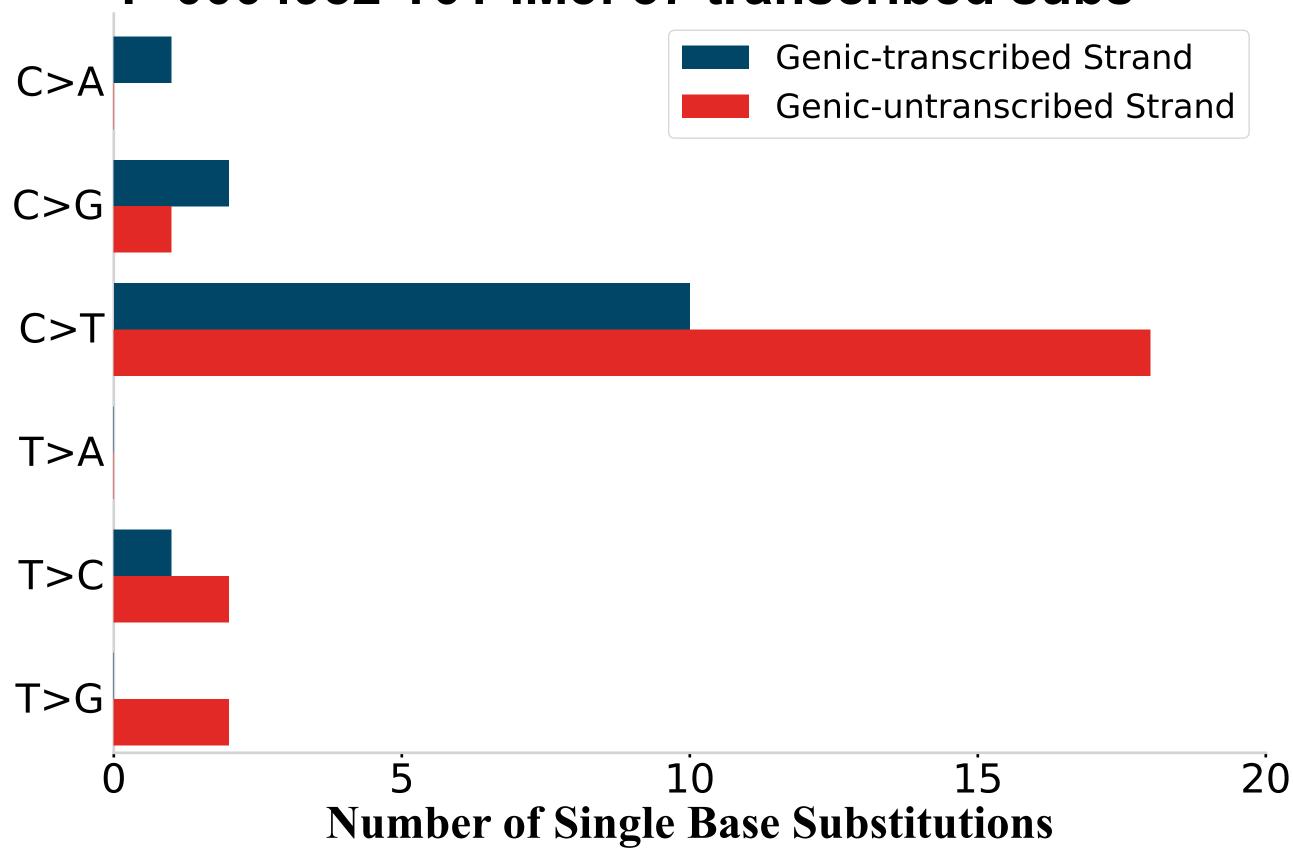
P-0004914-T01-IM5: 24 transcribed subs



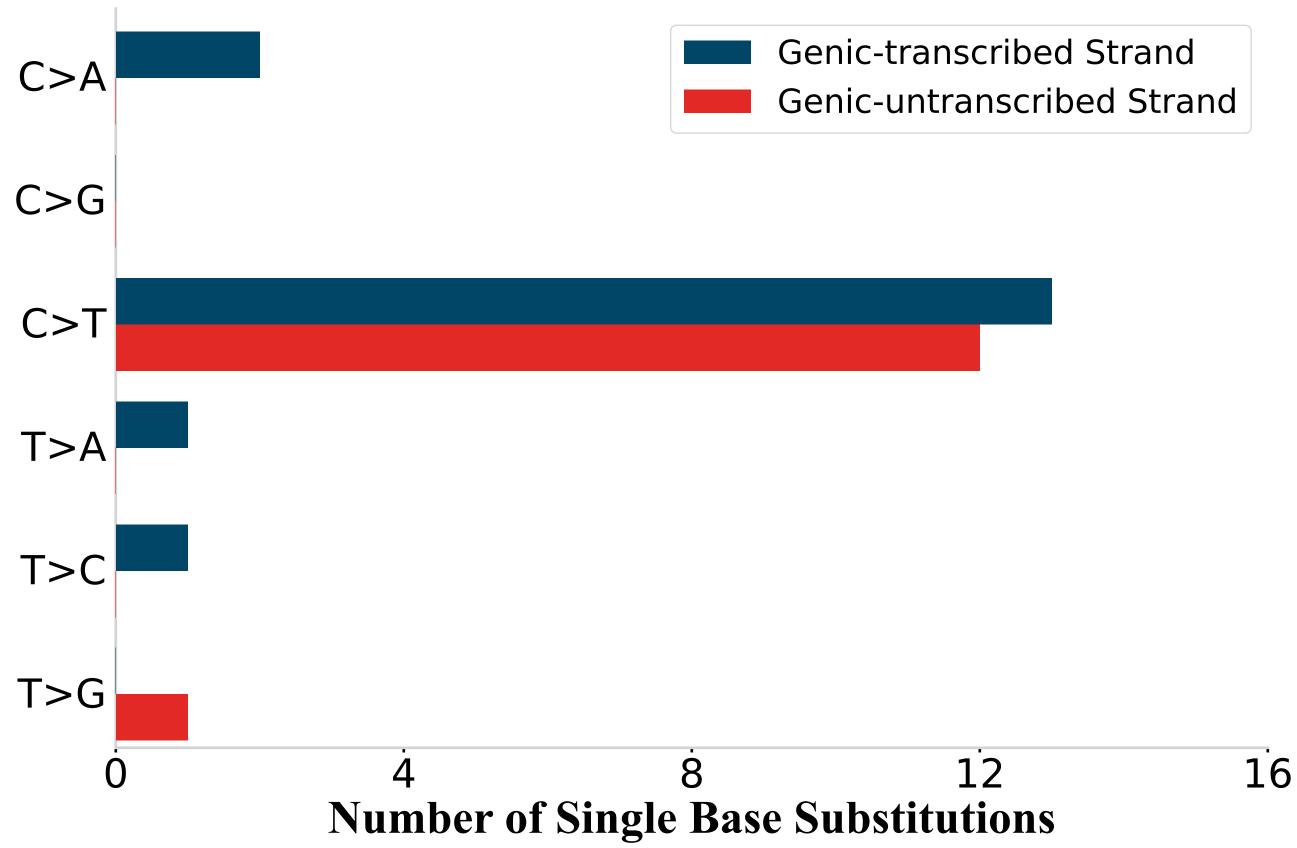
P-0004933-T02-IM6: 15 transcribed subs



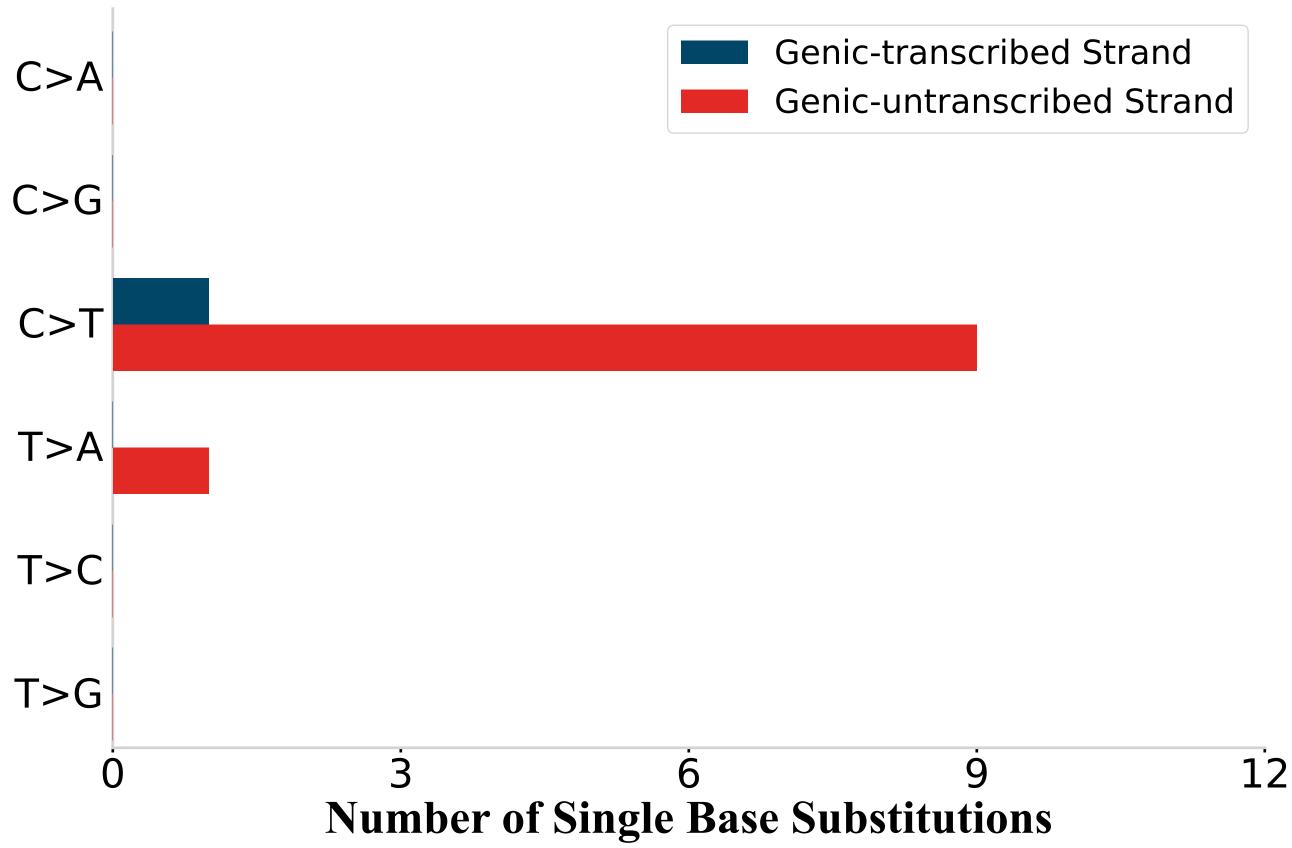
P-0004952-T01-IM5: 37 transcribed subs



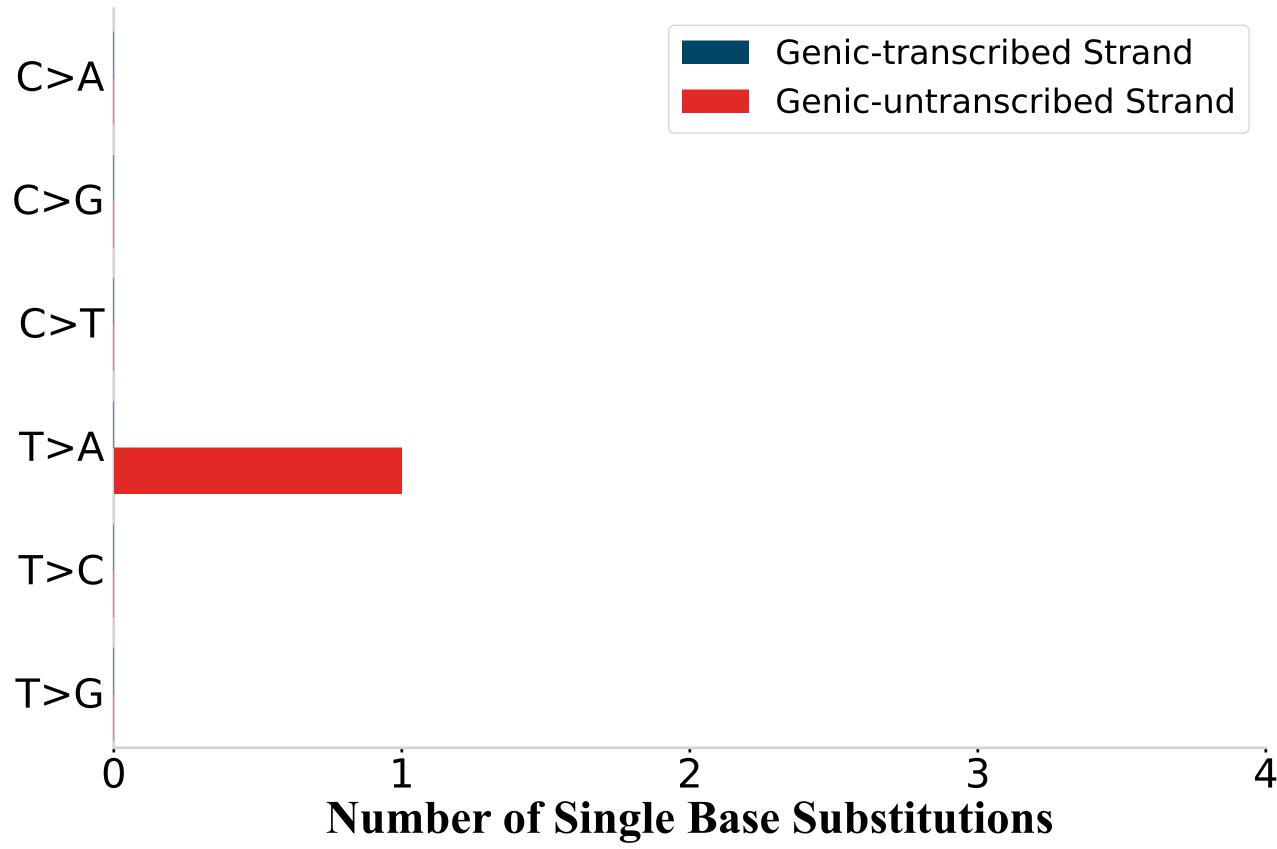
P-0005039-T01-IM5: 30 transcribed subs



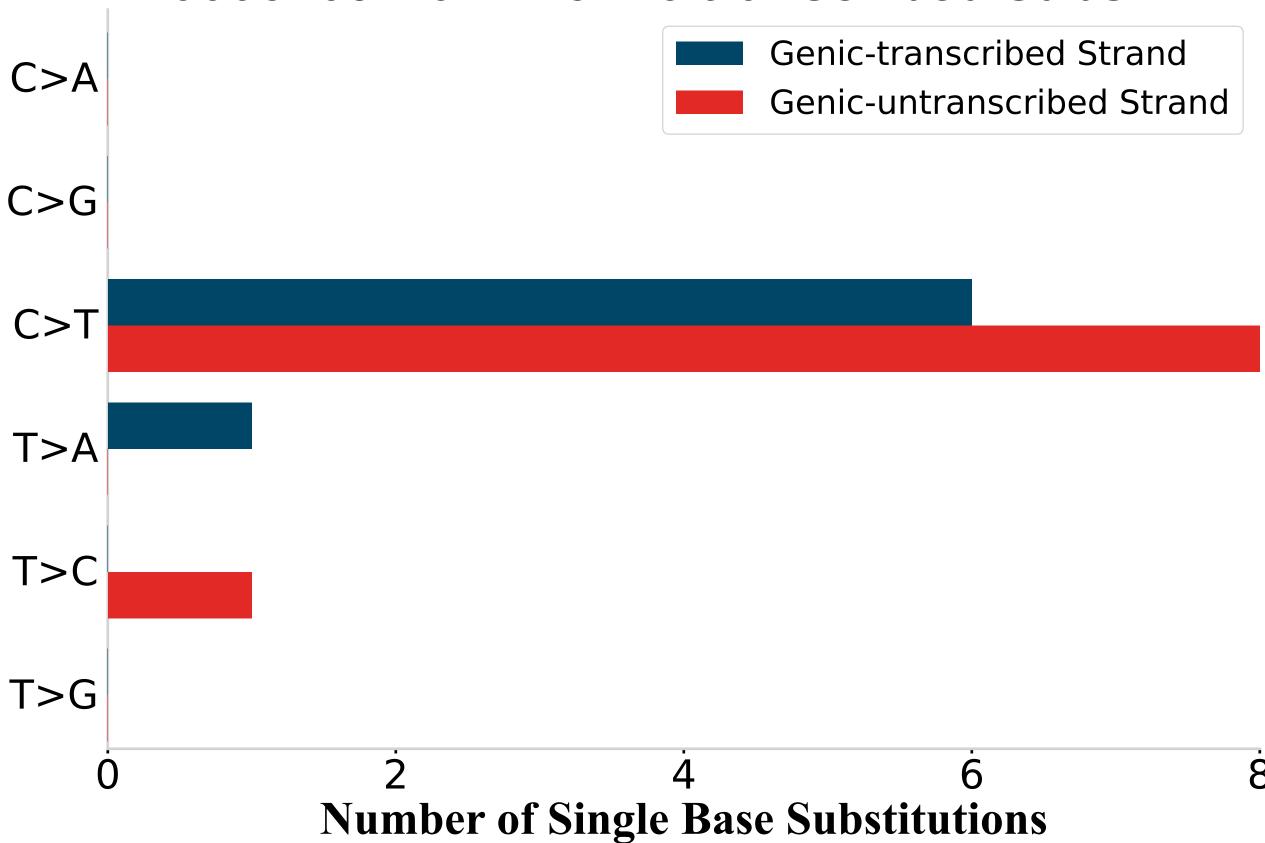
P-0005053-T01-IM5: 11 transcribed subs



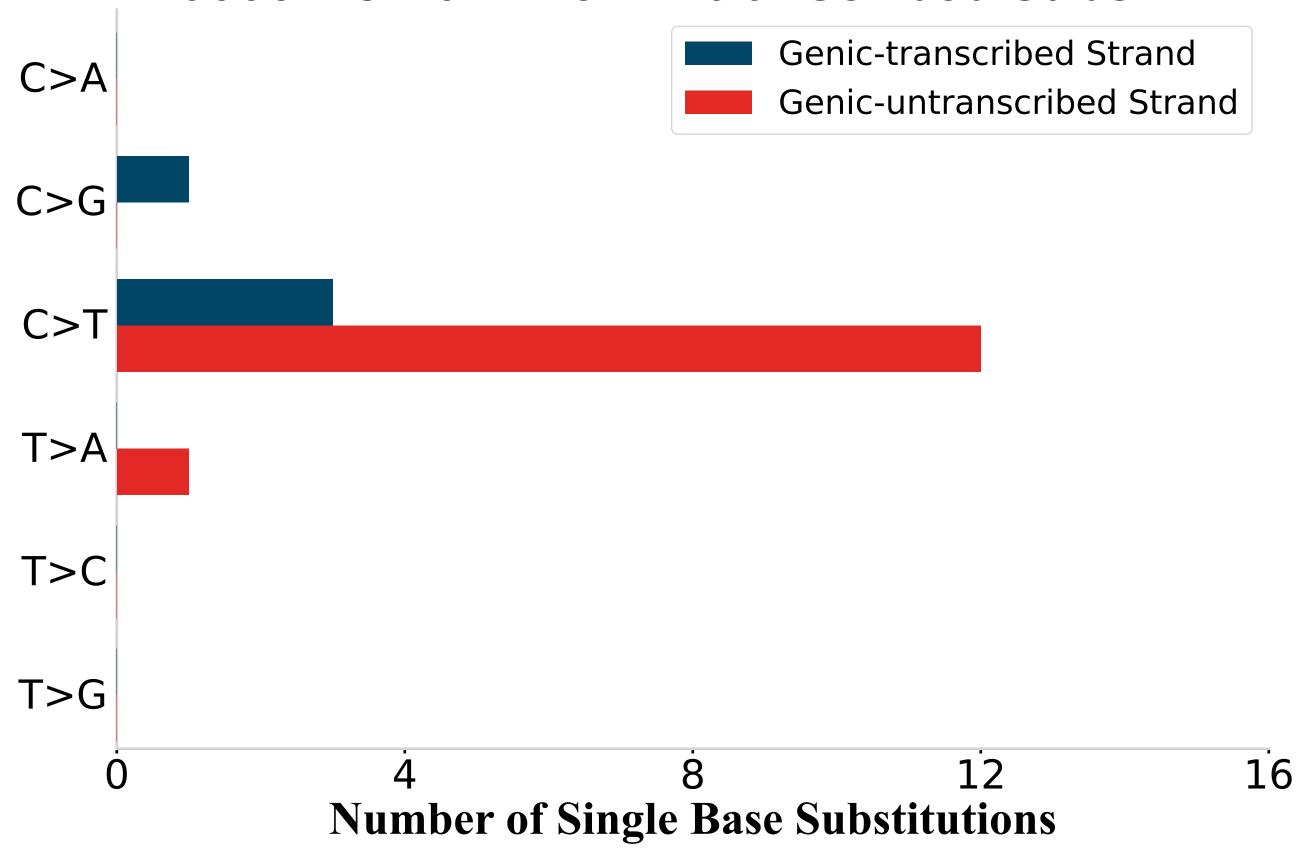
P-0005062-T01-IM5: 1 transcribed subs



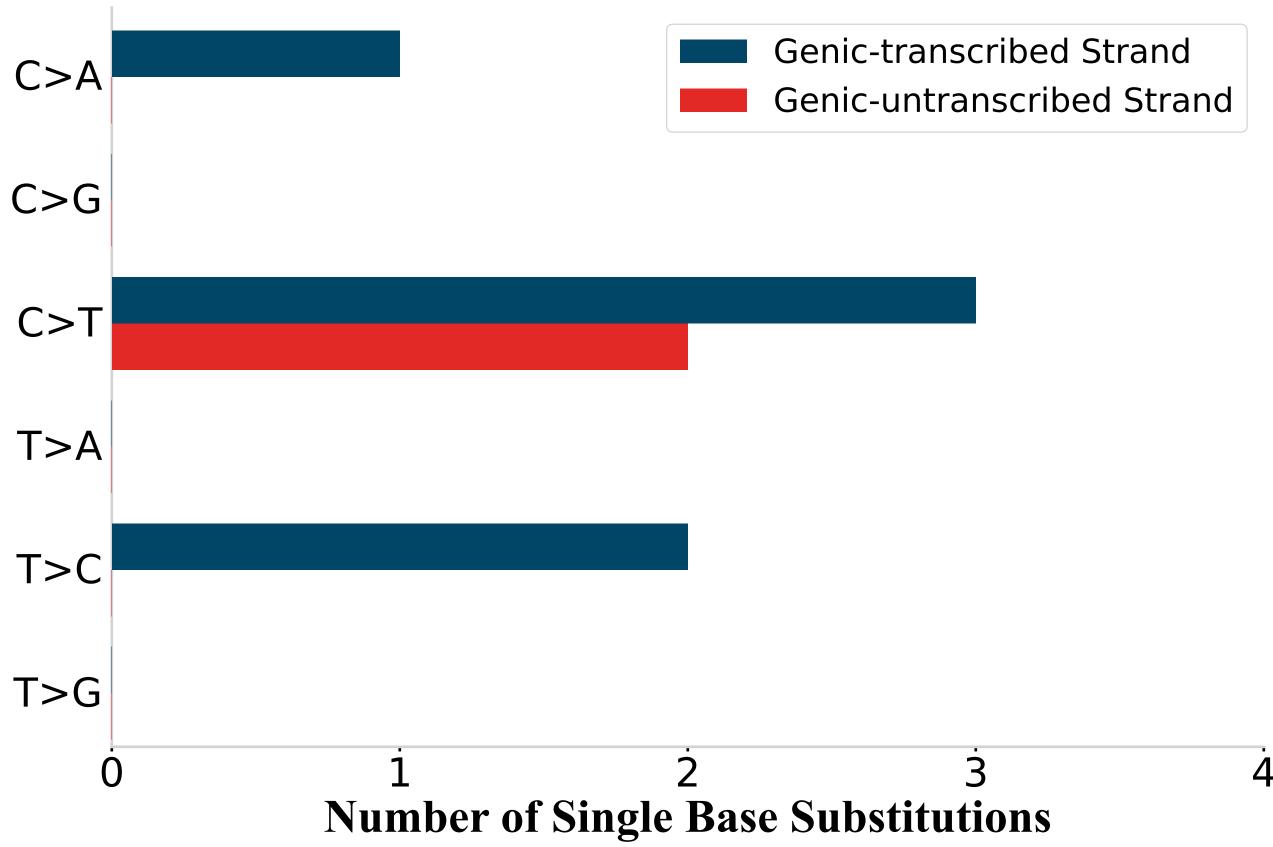
P-0005109-T01-IM5: 16 transcribed subs



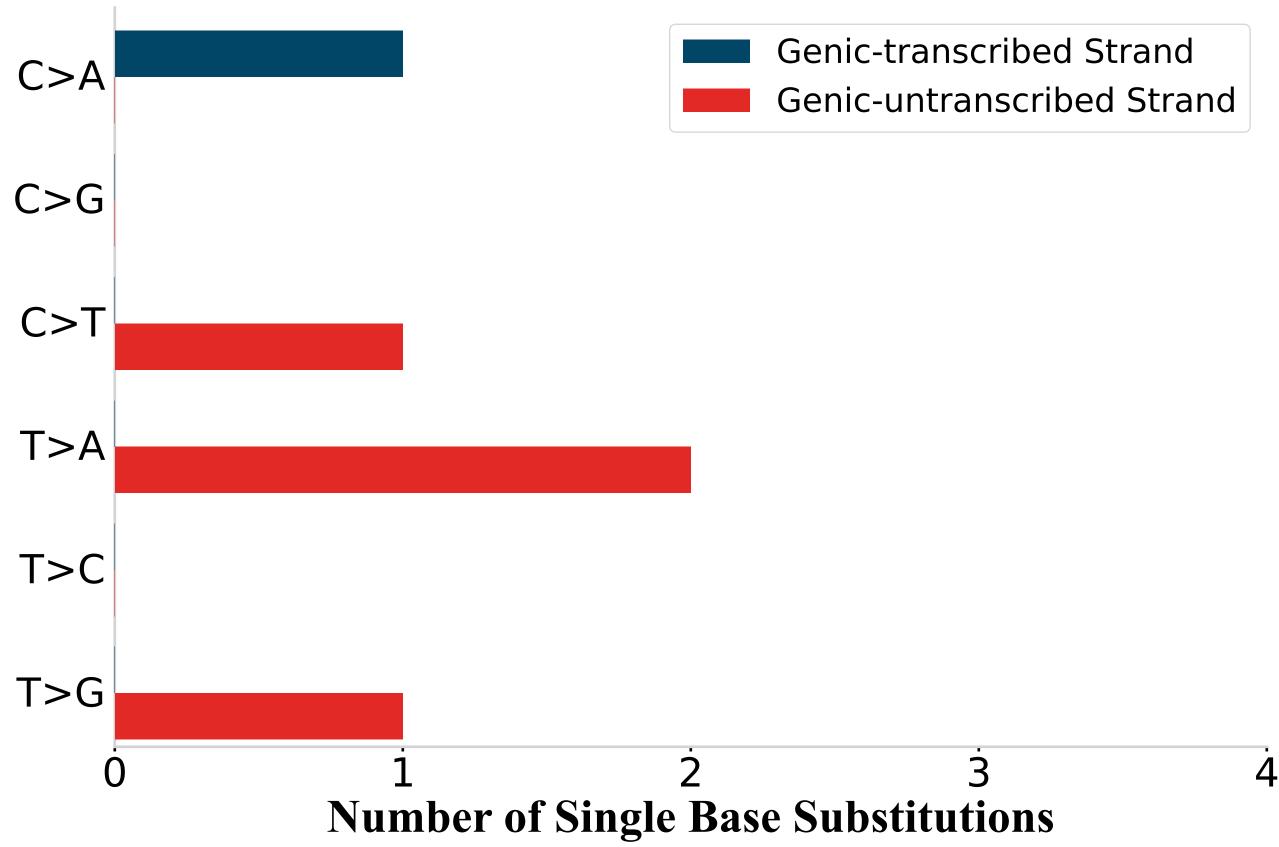
P-0005118-T01-IM5: 17 transcribed subs



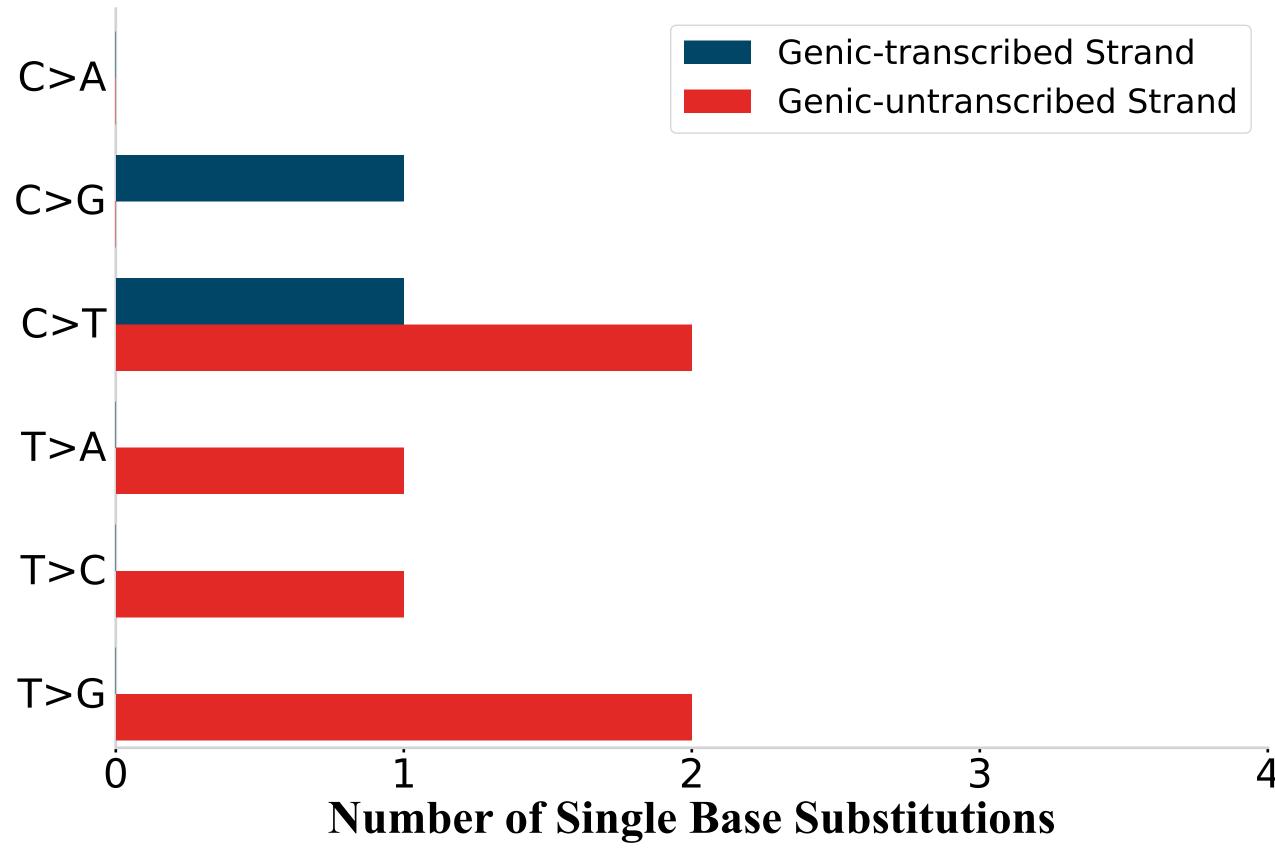
P-0005129-T01-IM5: 8 transcribed subs



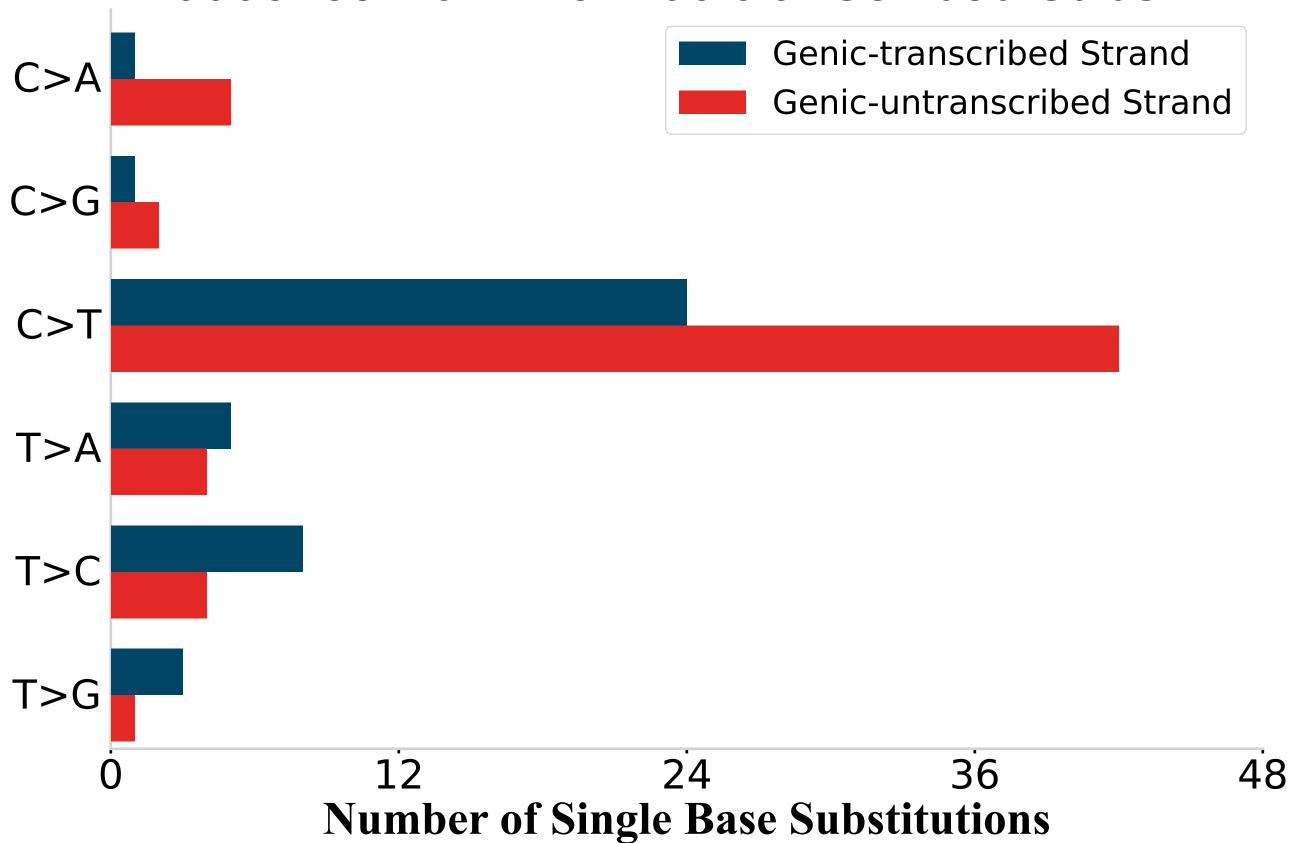
P-0005144-T01-IM5: 5 transcribed subs



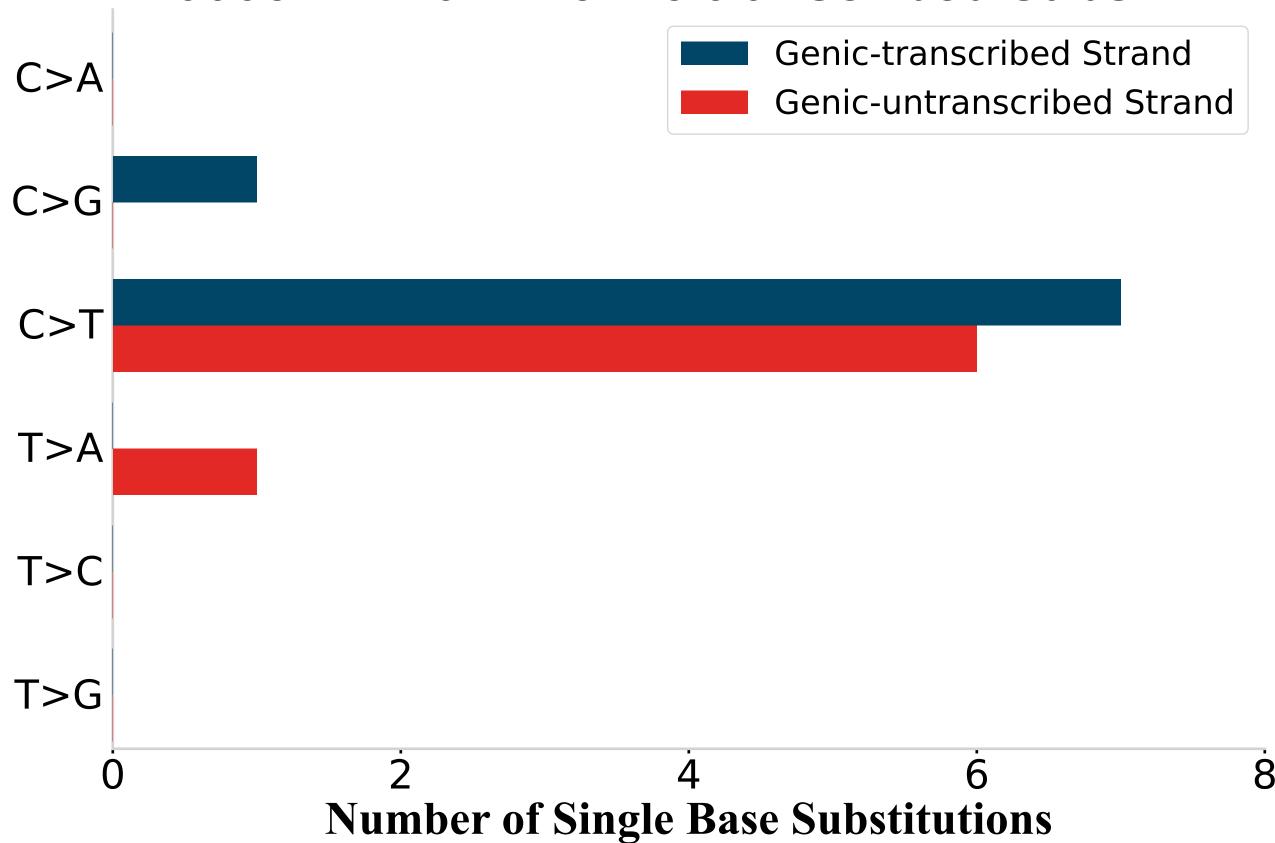
P-0005146-T01-IM5: 8 transcribed subs



P-0005159-T01-IM5: 100 transcribed subs

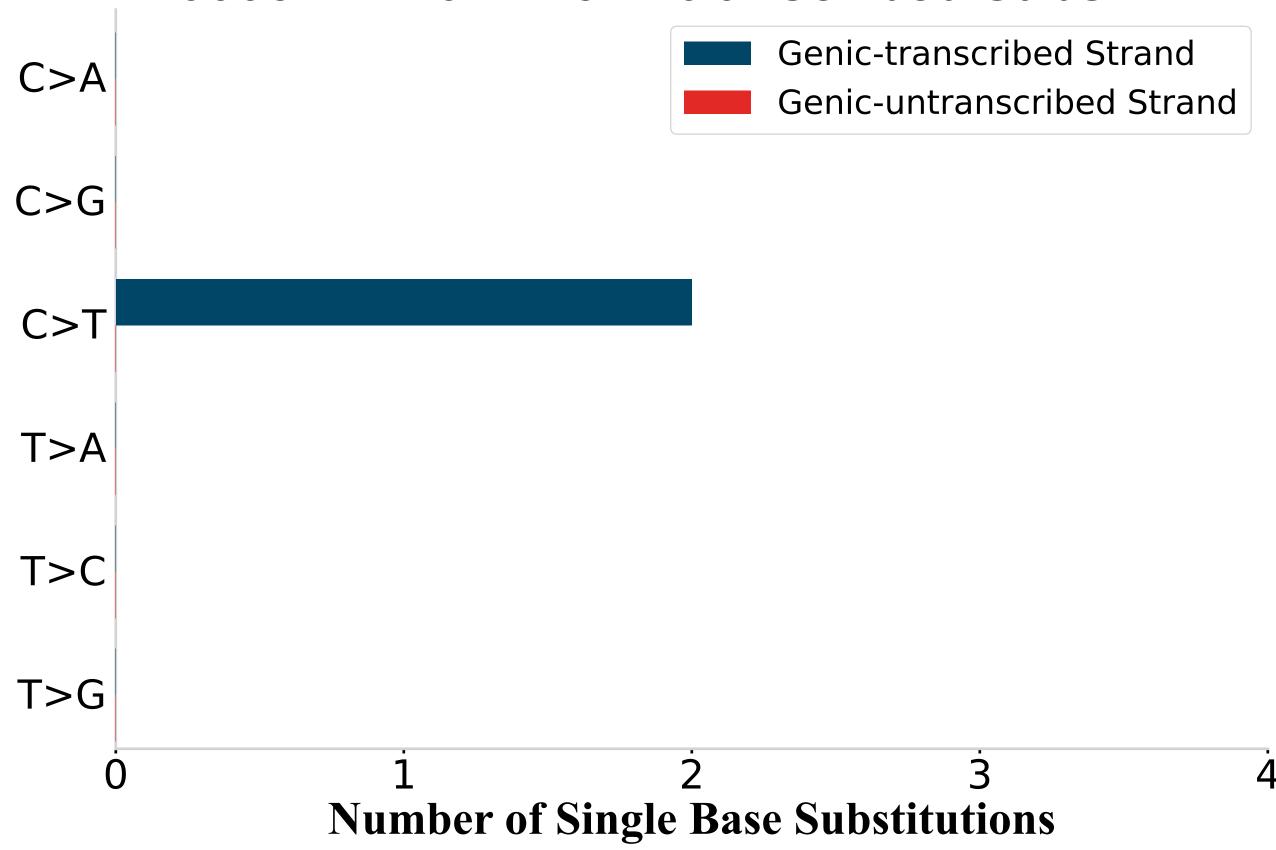


P-0005222-T01-IM5: 15 transcribed subs

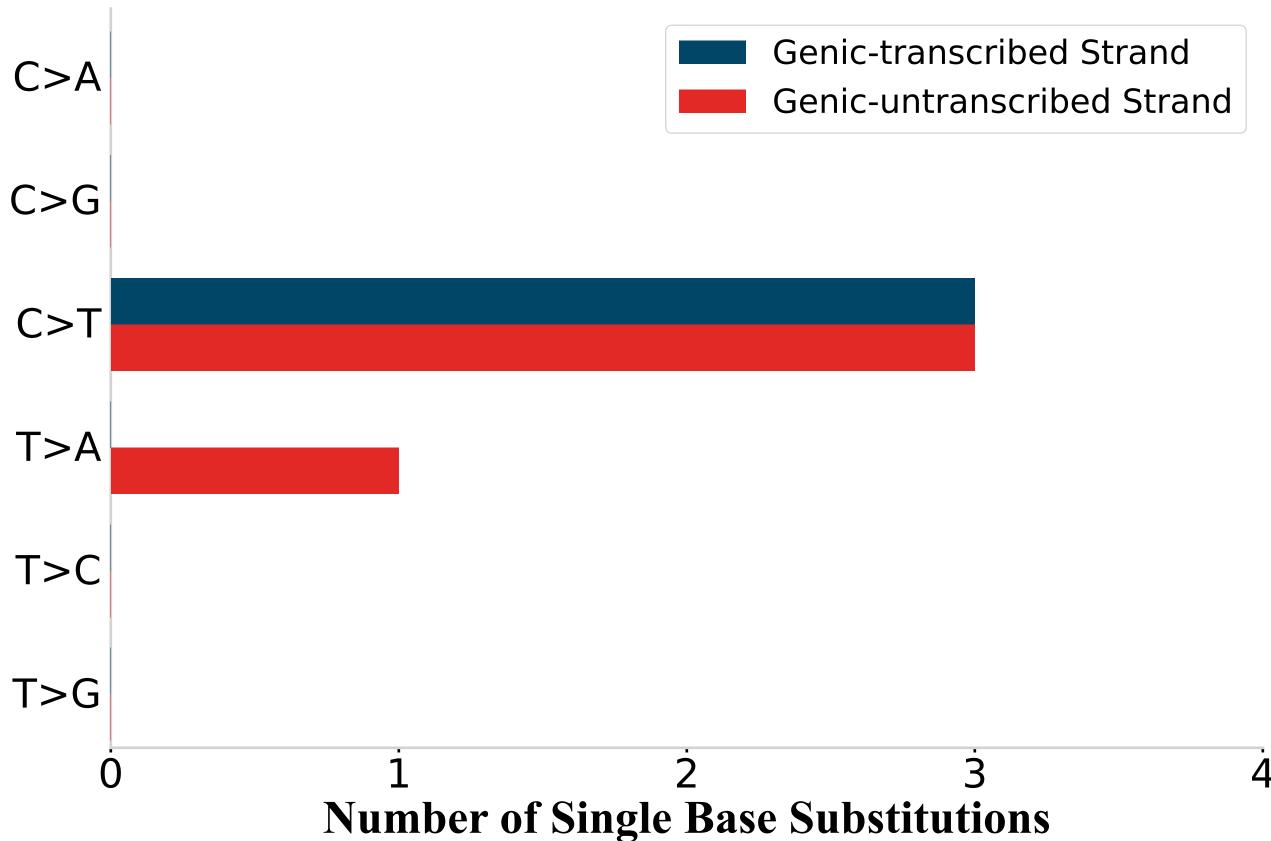


P-0005228-T01-IM5: 93 transcribed subs Genic-transcribed Strand C>A Genic-untranscribed Strand C>T T>A T>C T>G 15 30 45 60 **Number of Single Base Substitutions**

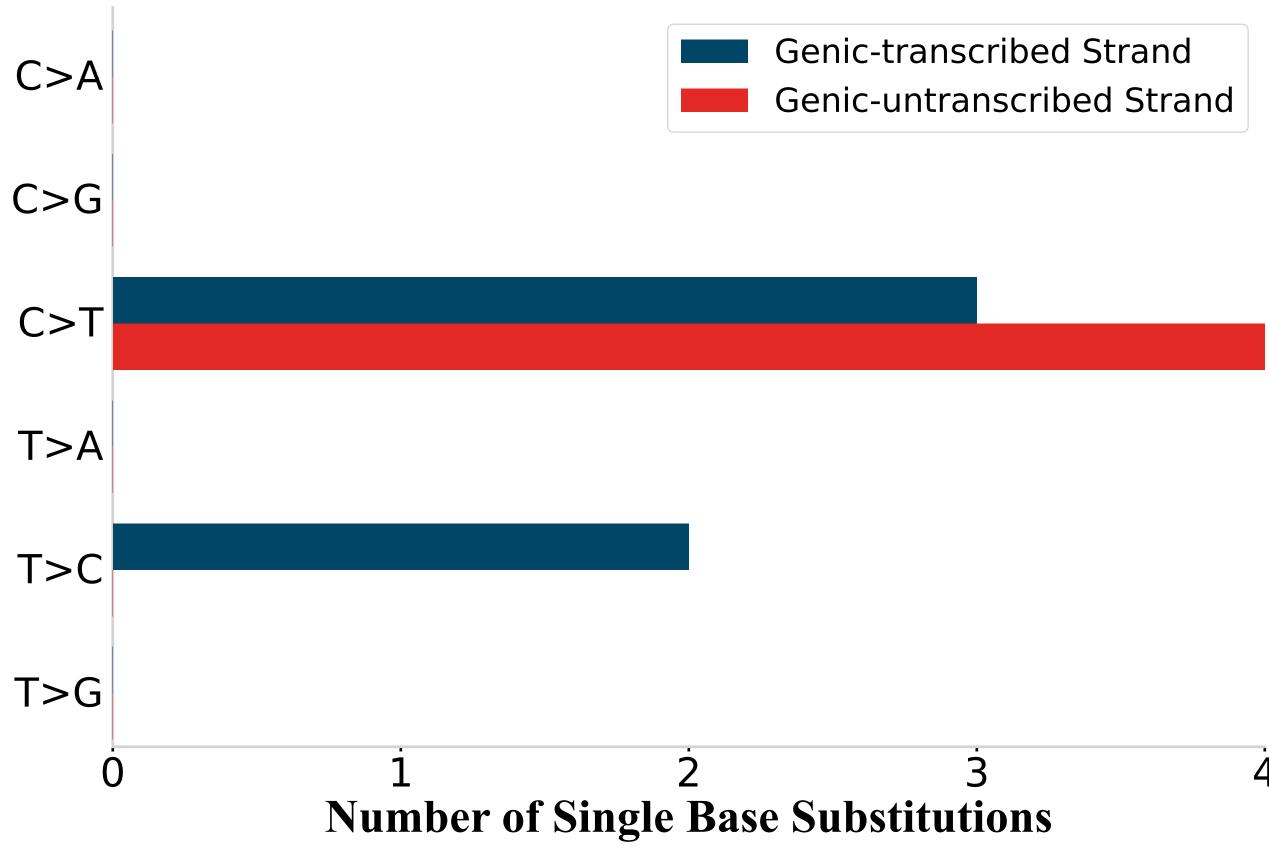
P-0005241-T01-IM5: 2 transcribed subs



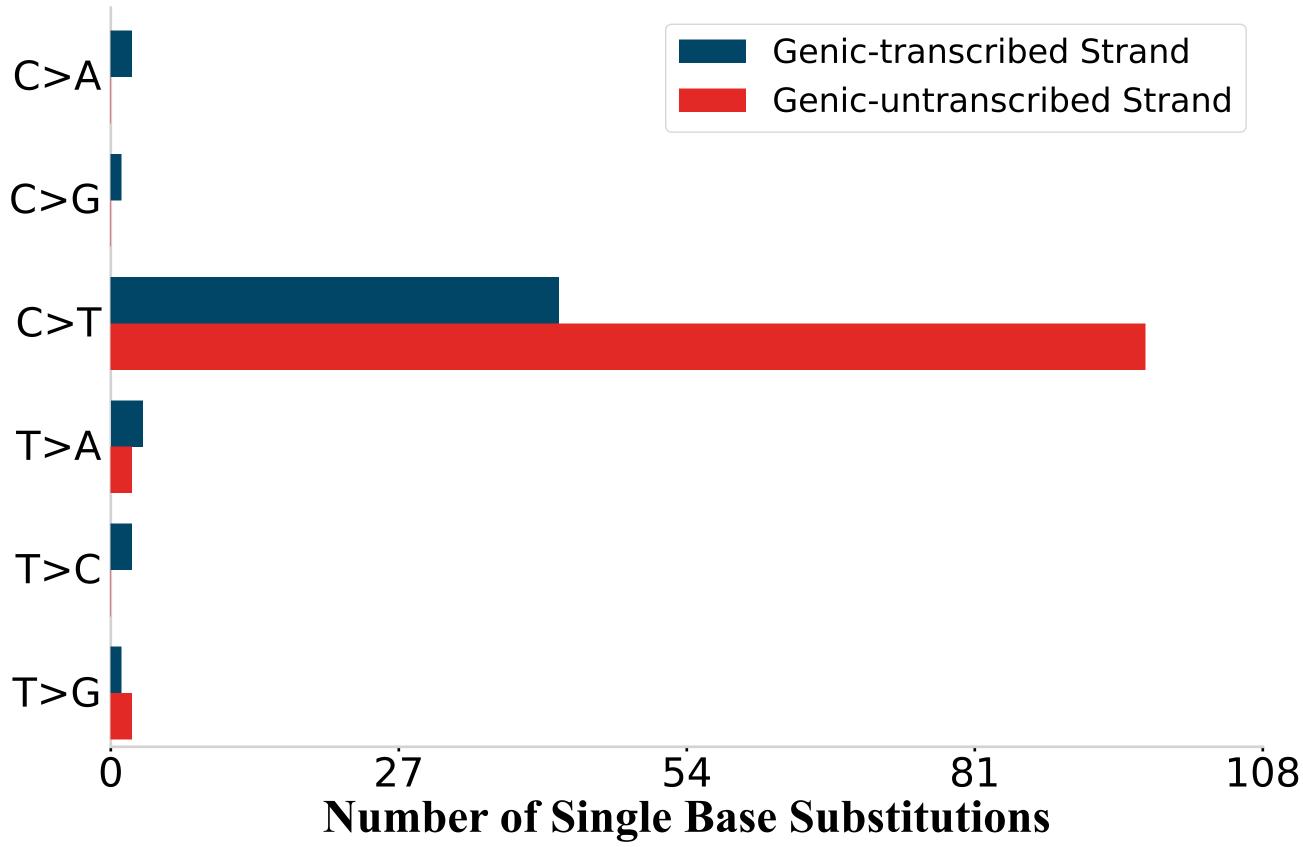
P-0005260-T01-IM5: 7 transcribed subs



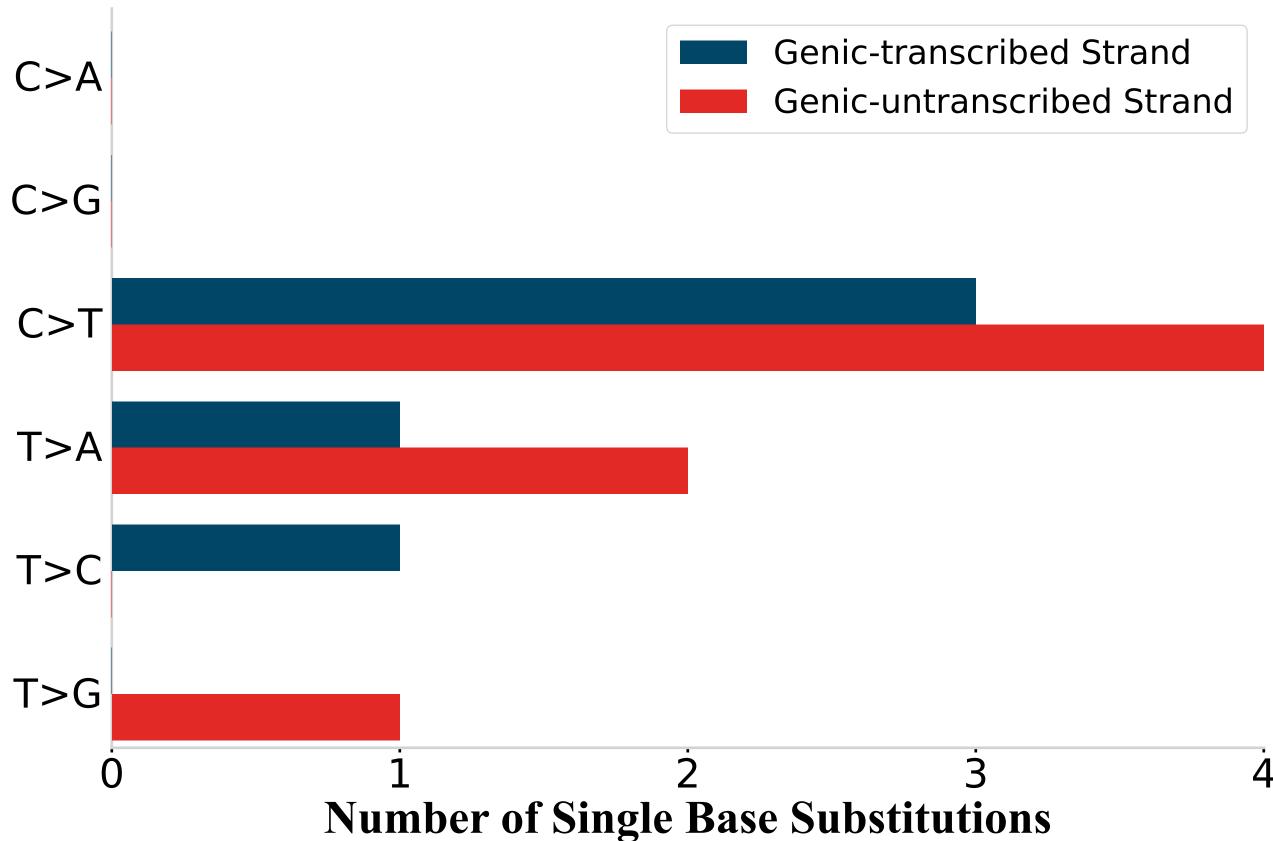
P-0005352-T01-IM5: 9 transcribed subs



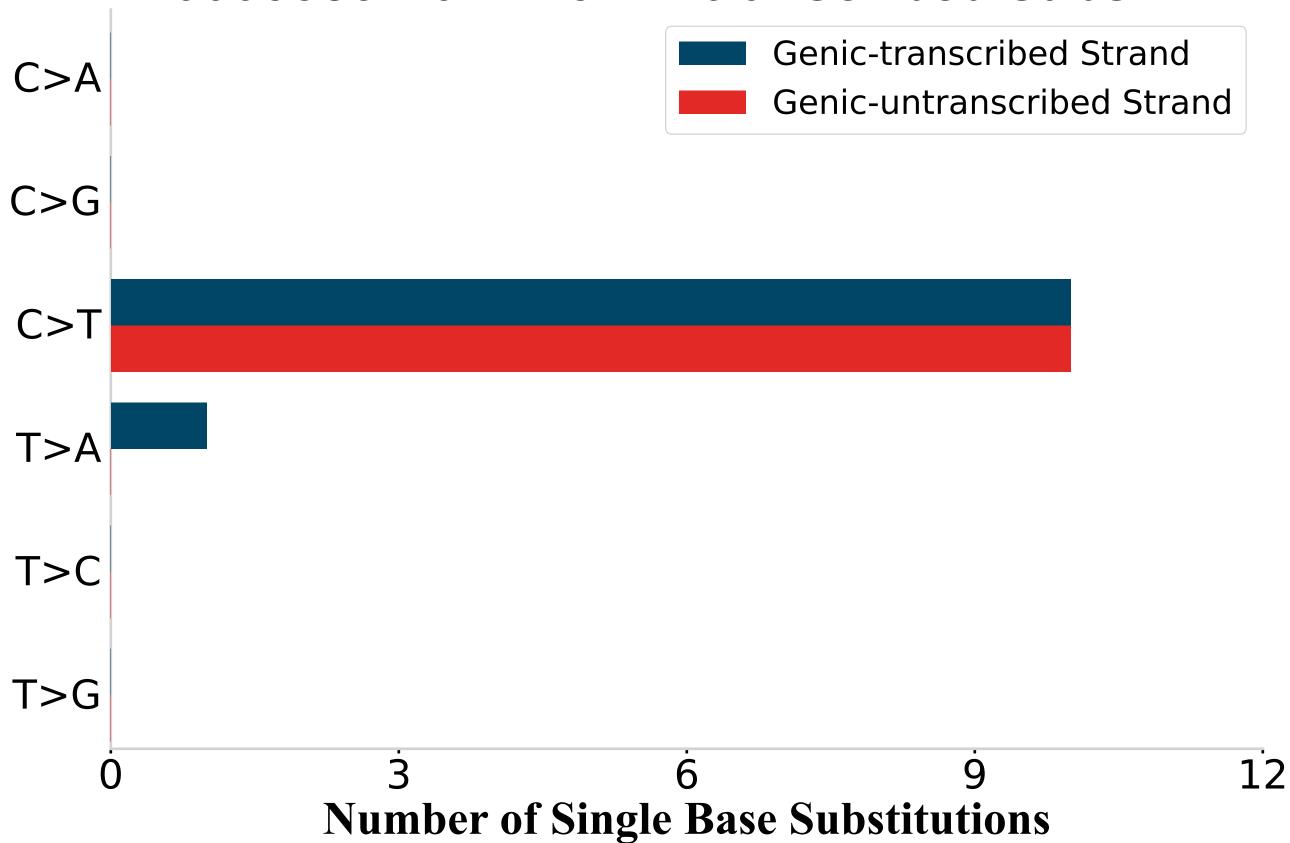
P-0005366-T01-IM5: 152 transcribed subs



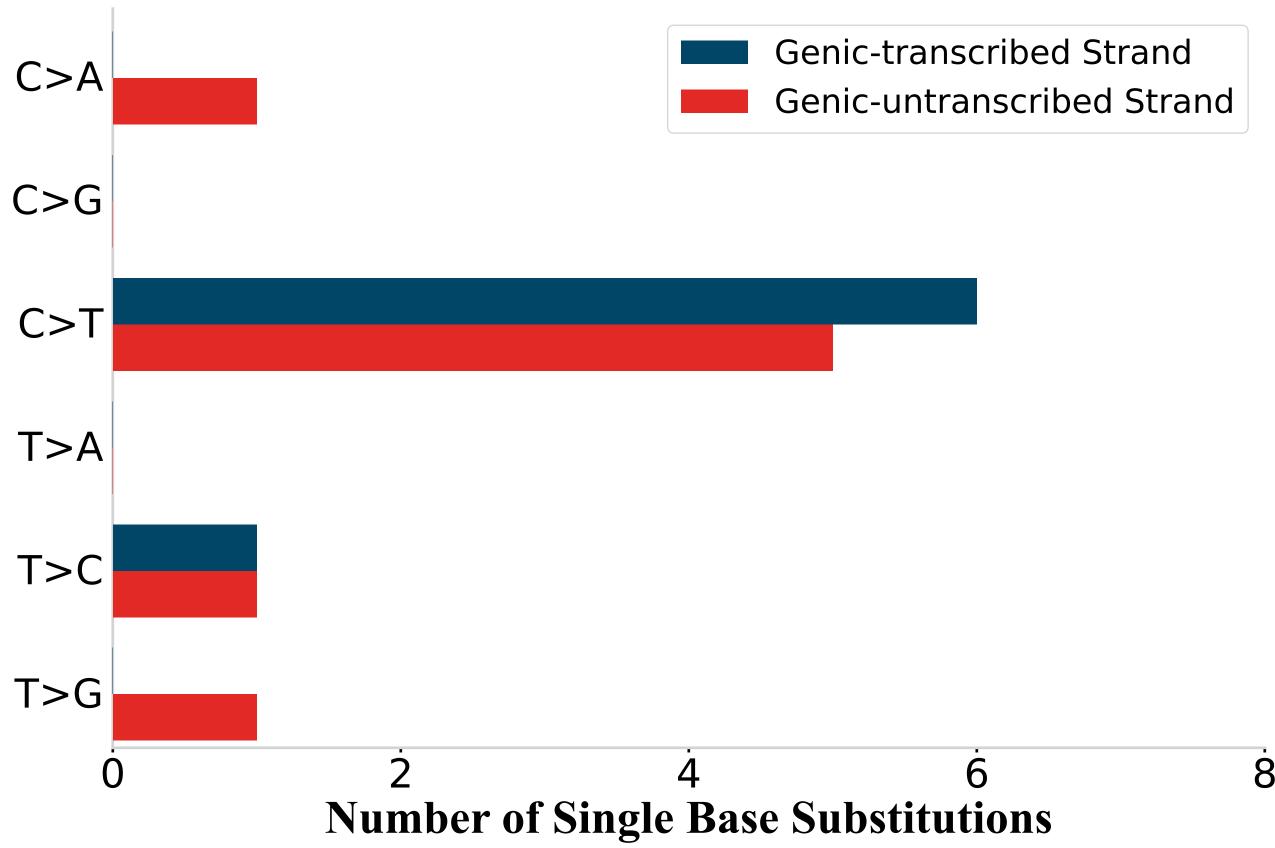
P-0005370-T01-IM5: 12 transcribed subs



P-0005383-T01-IM5: 21 transcribed subs



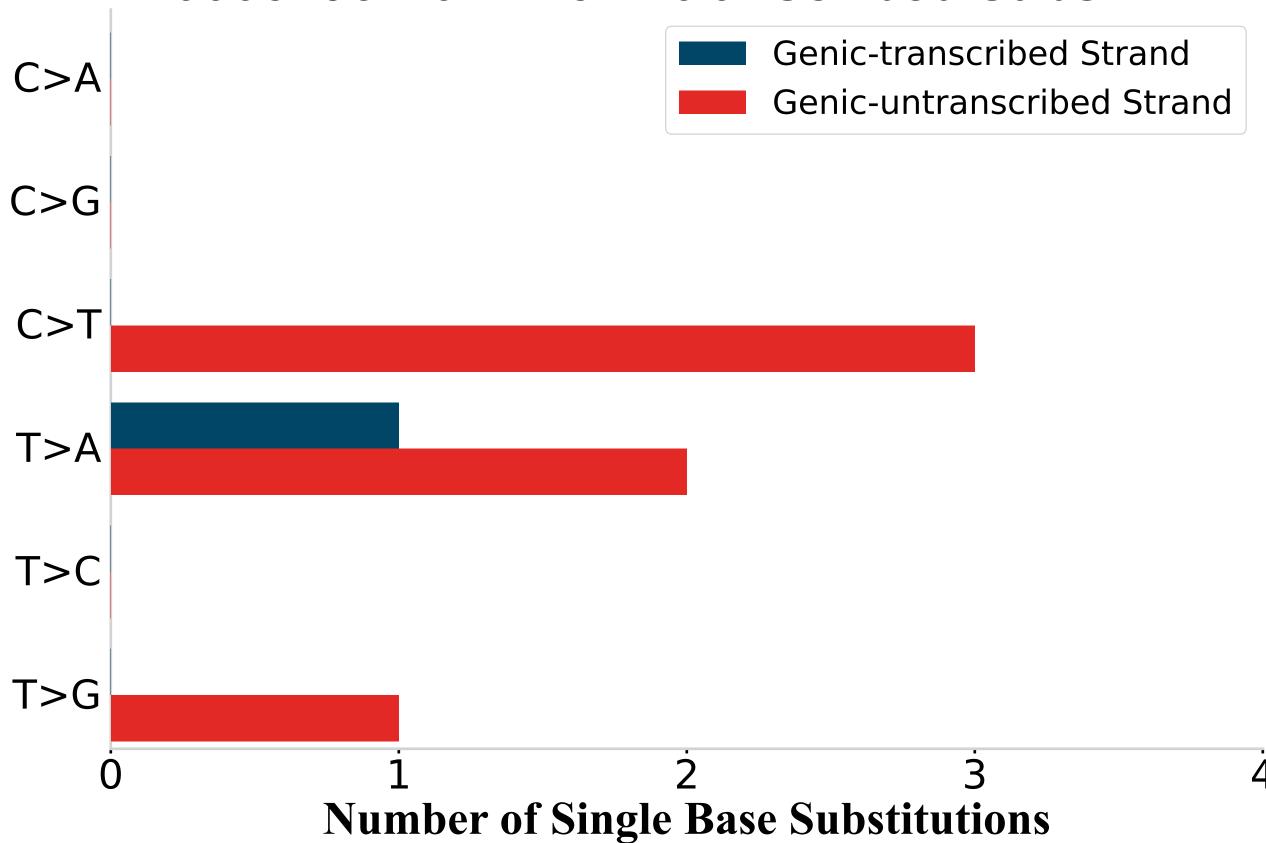
P-0005421-T01-IM5: 15 transcribed subs



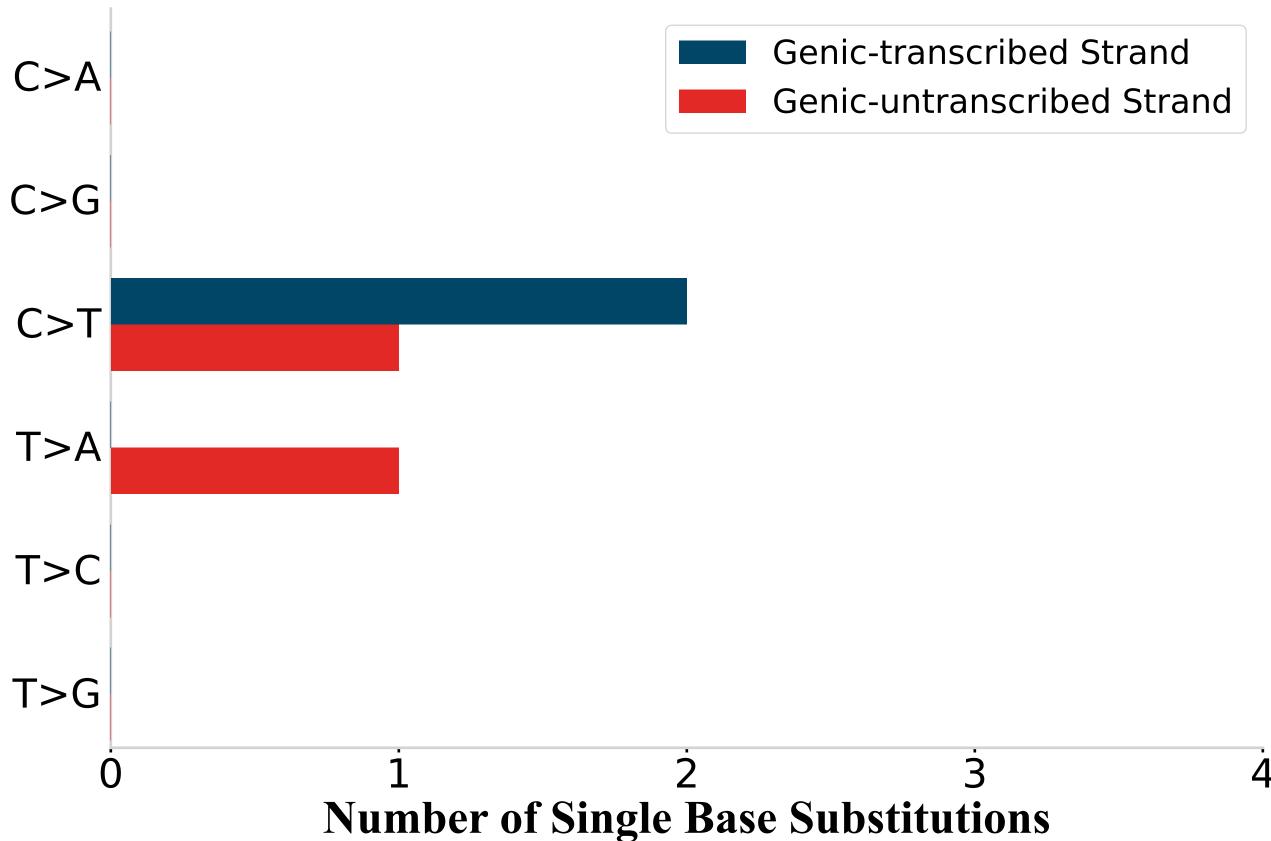
P-0005461-T02-IM5: 2 transcribed subs



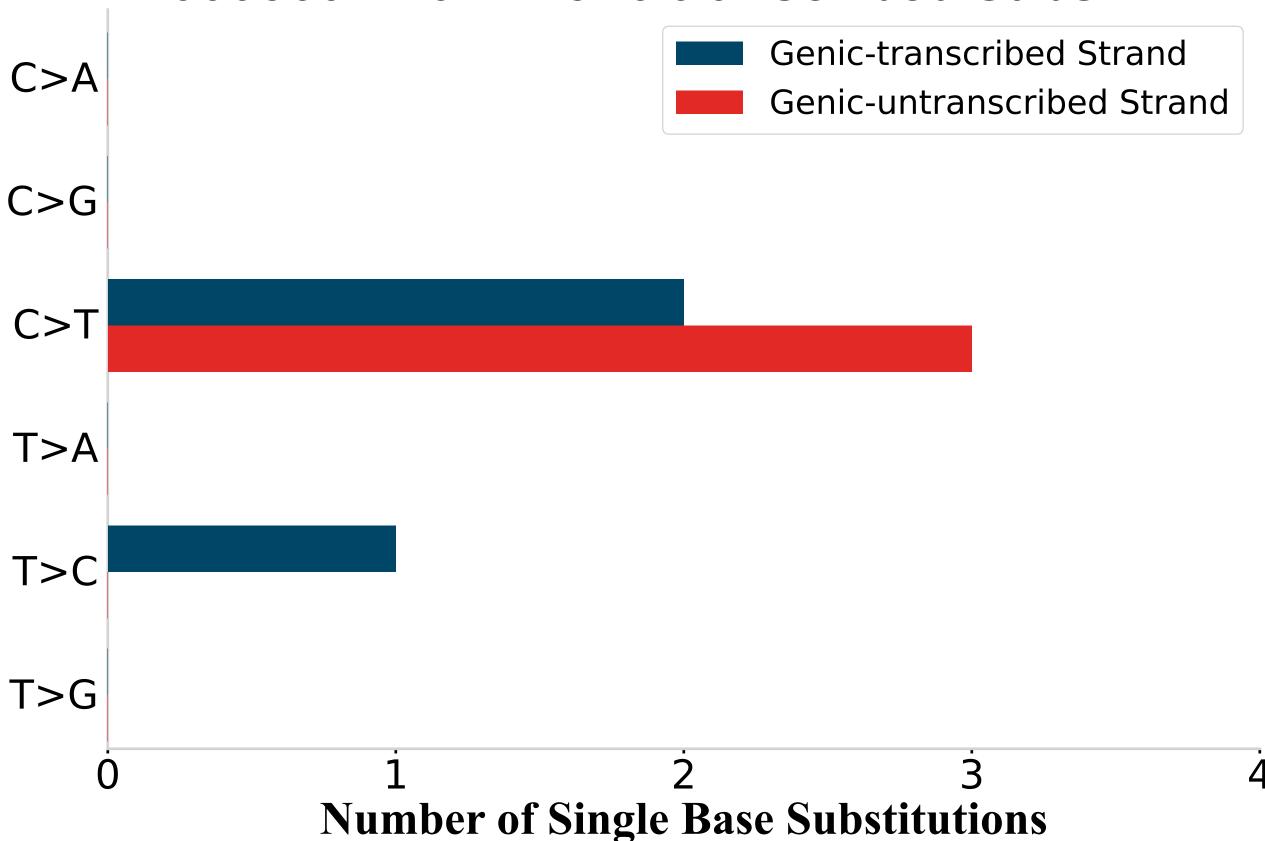
P-0005493-T01-IM5: 7 transcribed subs



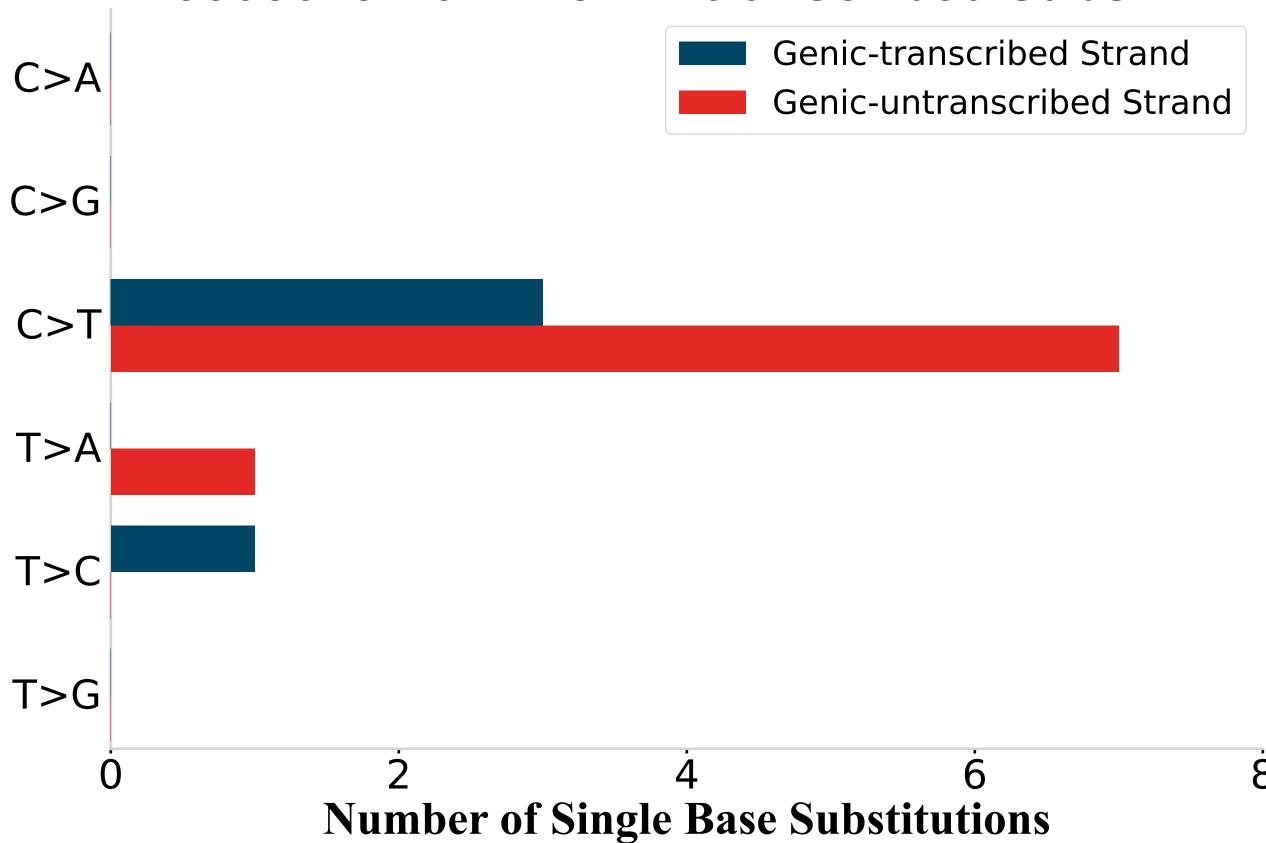
P-0005583-T01-IM5: 4 transcribed subs



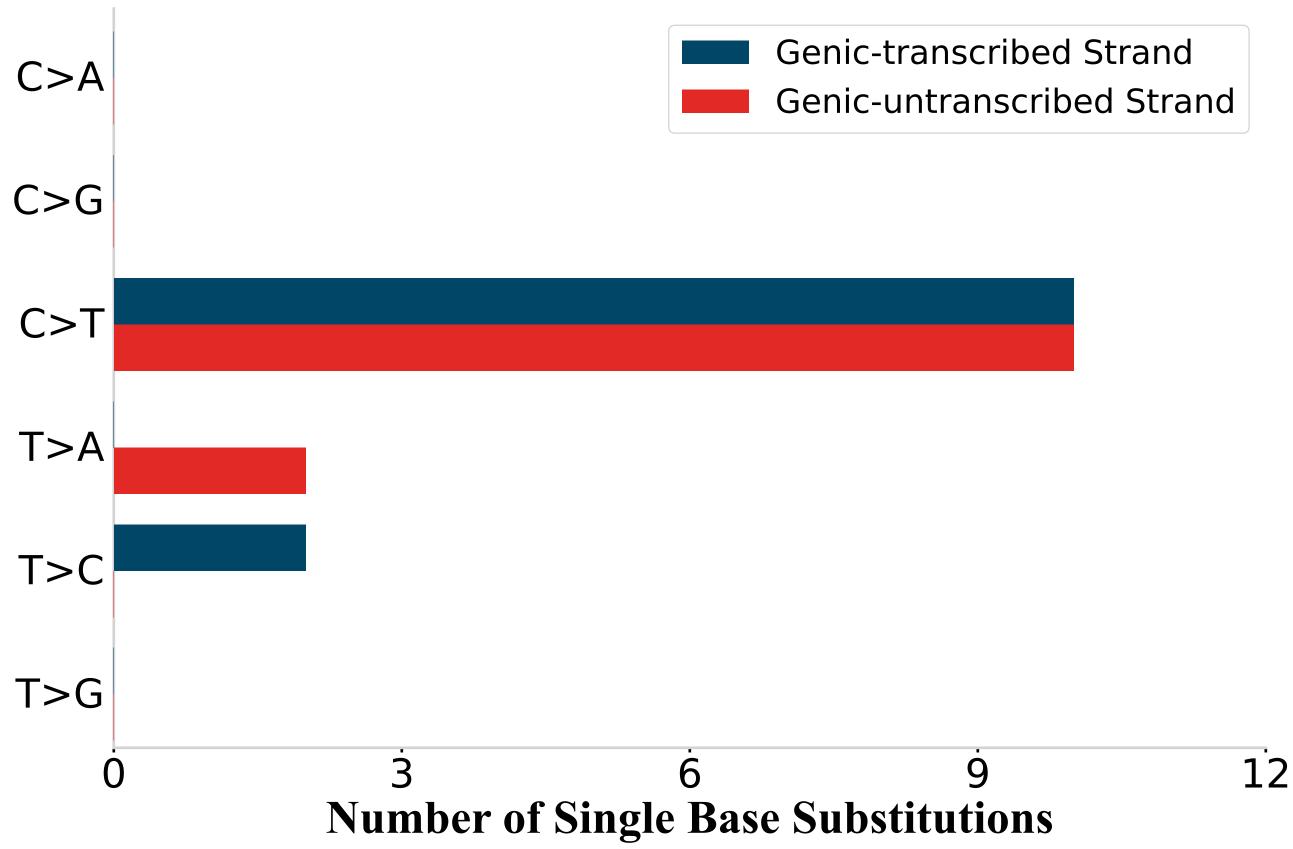
P-0005604-T01-IM5: 6 transcribed subs



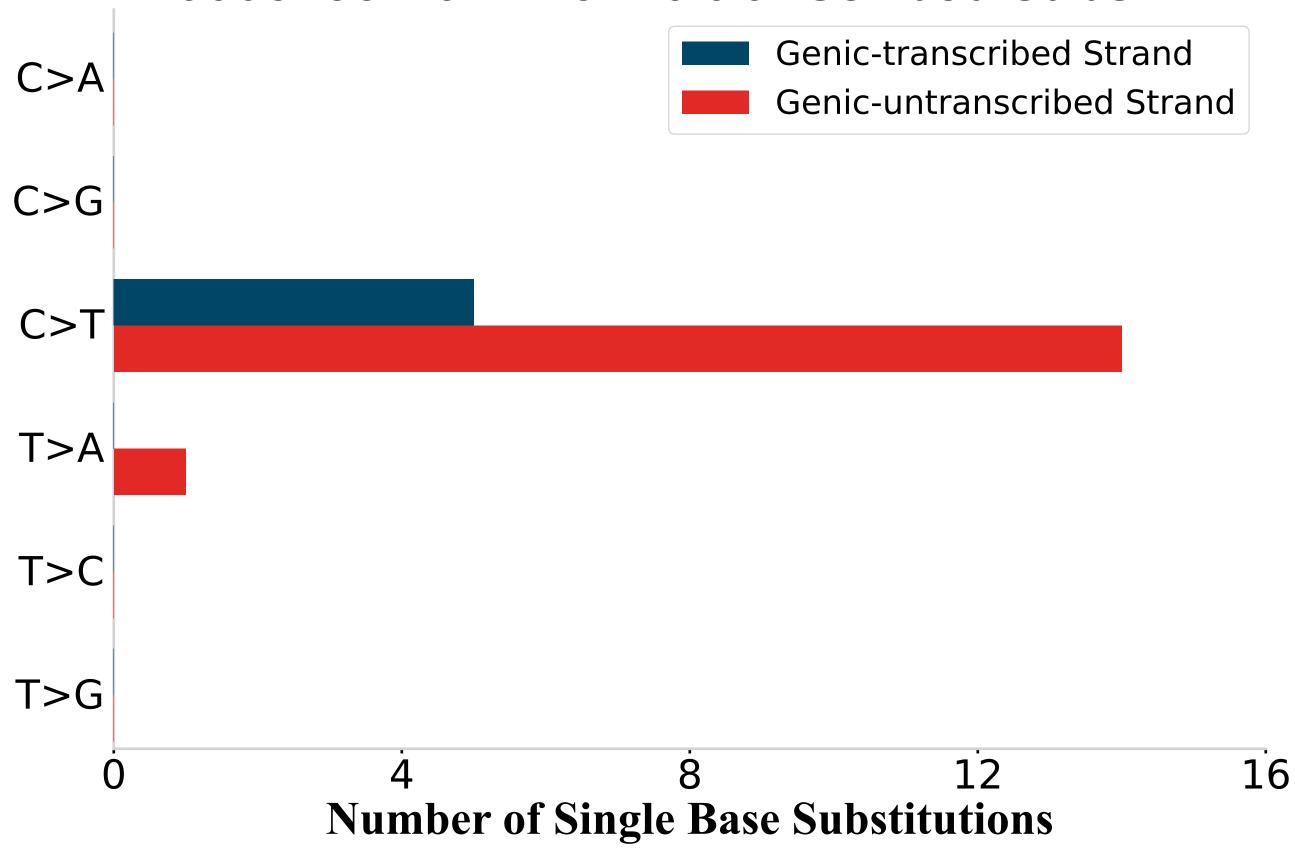
P-0005673-T01-IM5: 12 transcribed subs



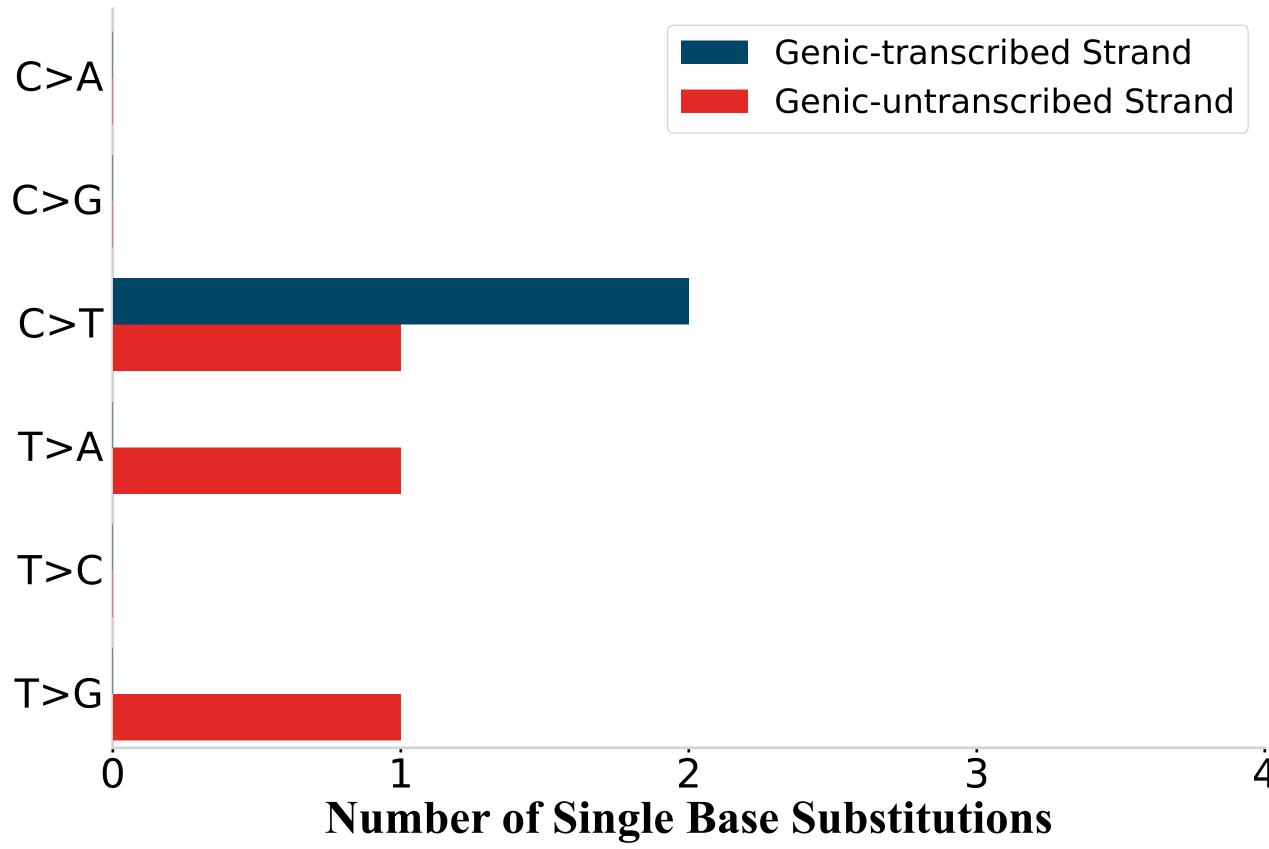
P-0005725-T01-IM5: 24 transcribed subs



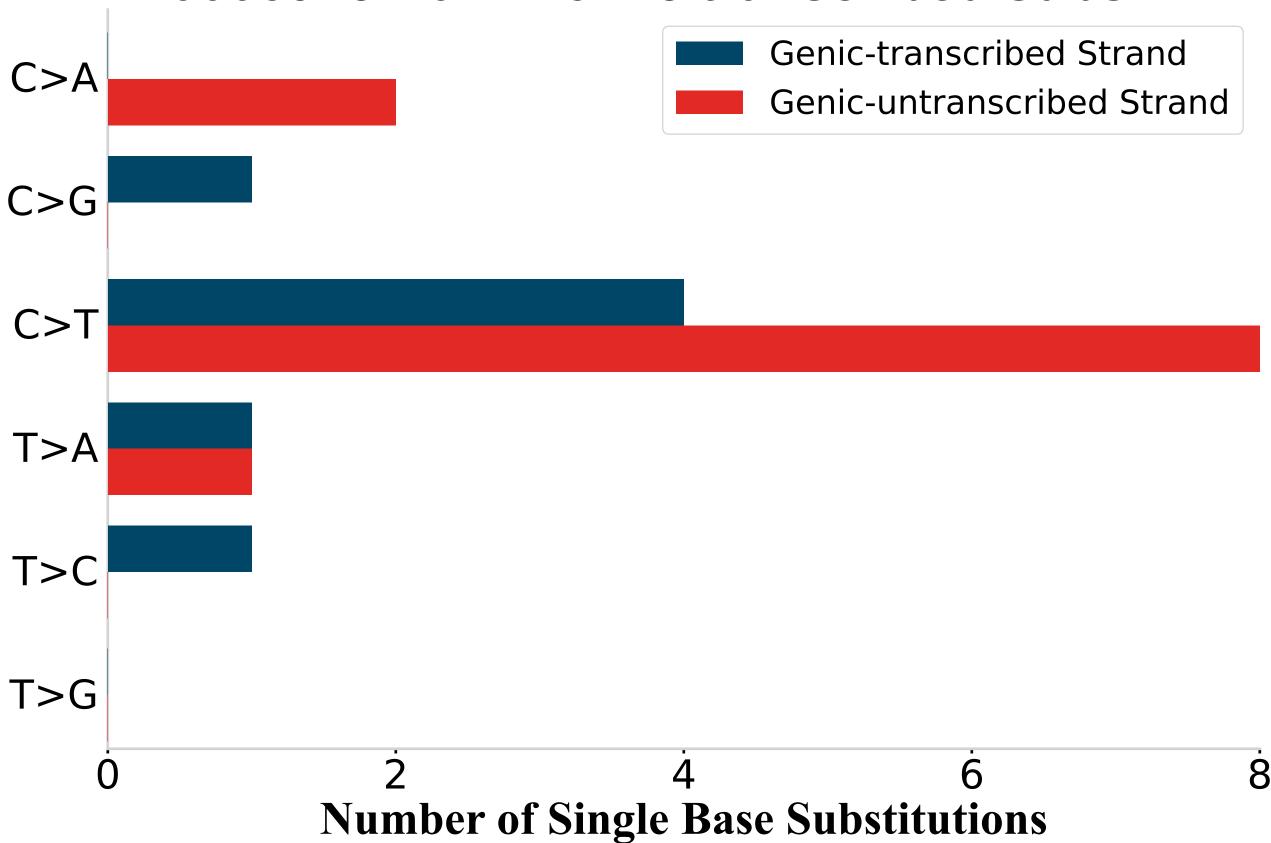
P-0005733-T02-IM5: 20 transcribed subs



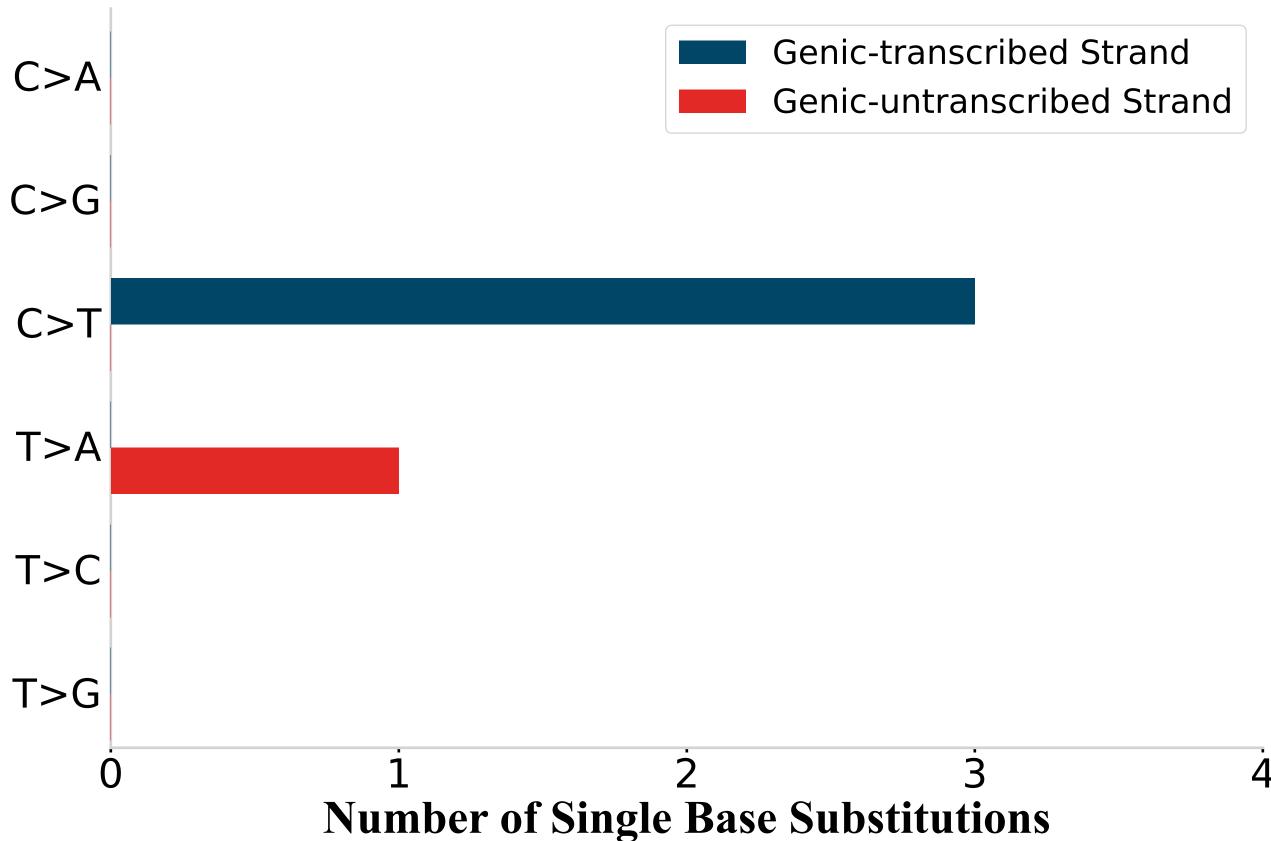
P-0005769-T01-IM5: 5 transcribed subs



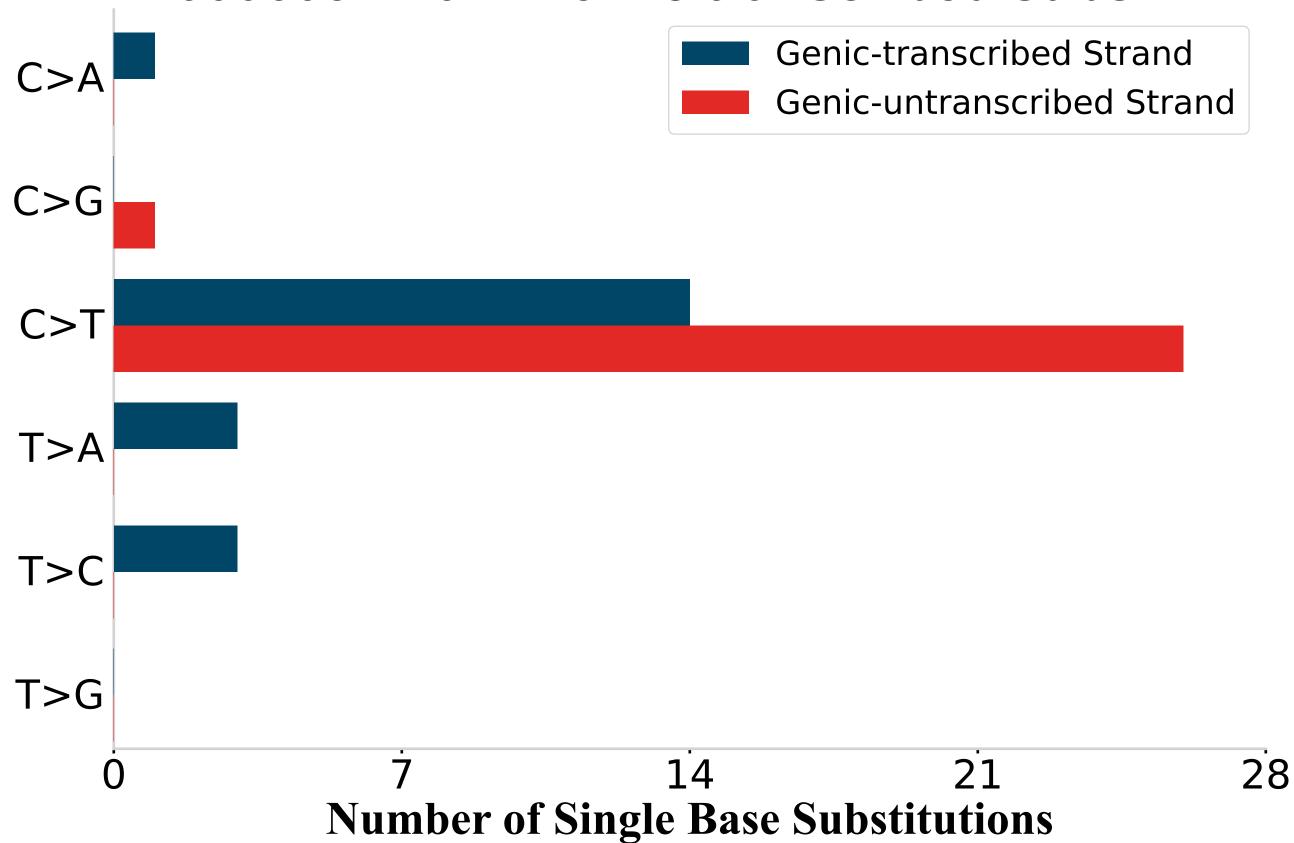
P-0005928-T01-IM5: 18 transcribed subs



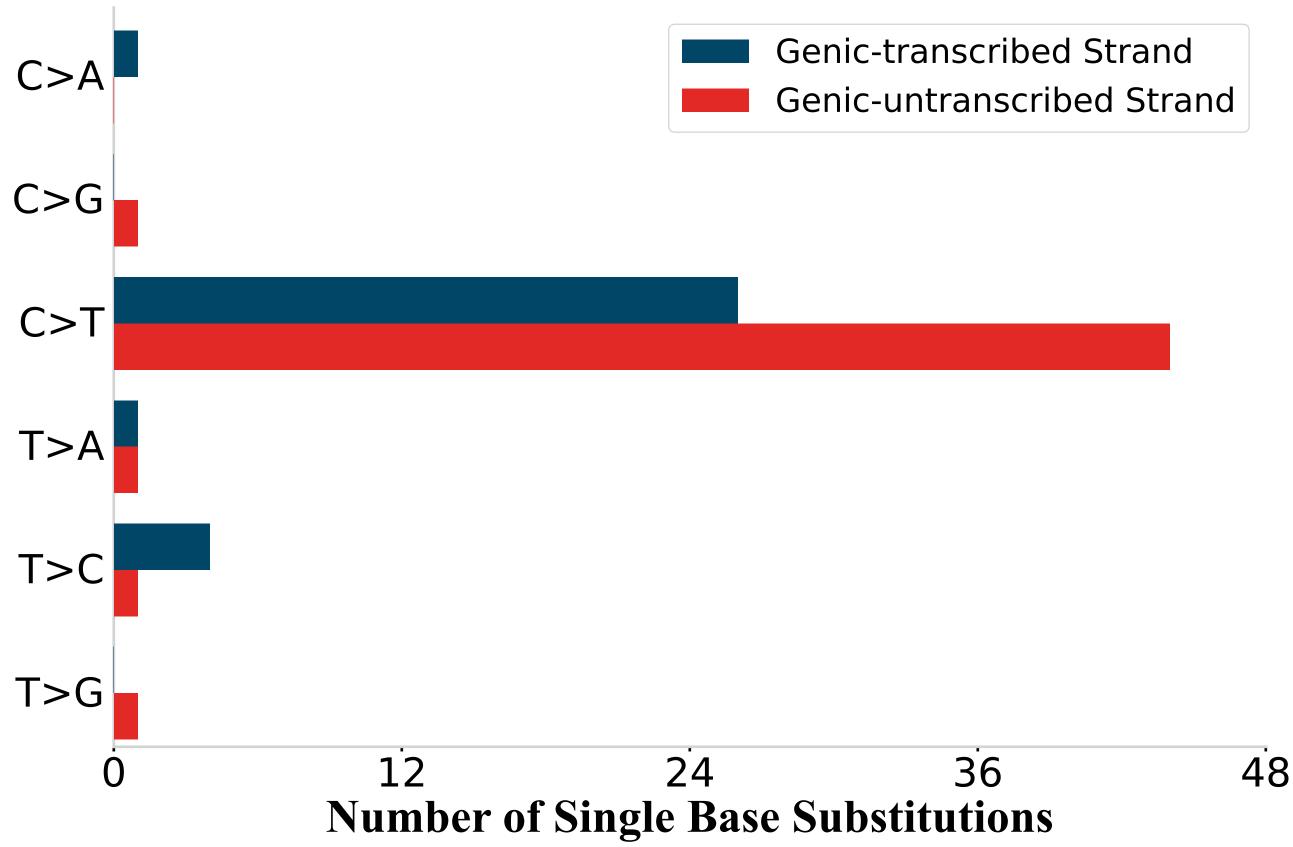
P-0005971-T01-IM5: 4 transcribed subs



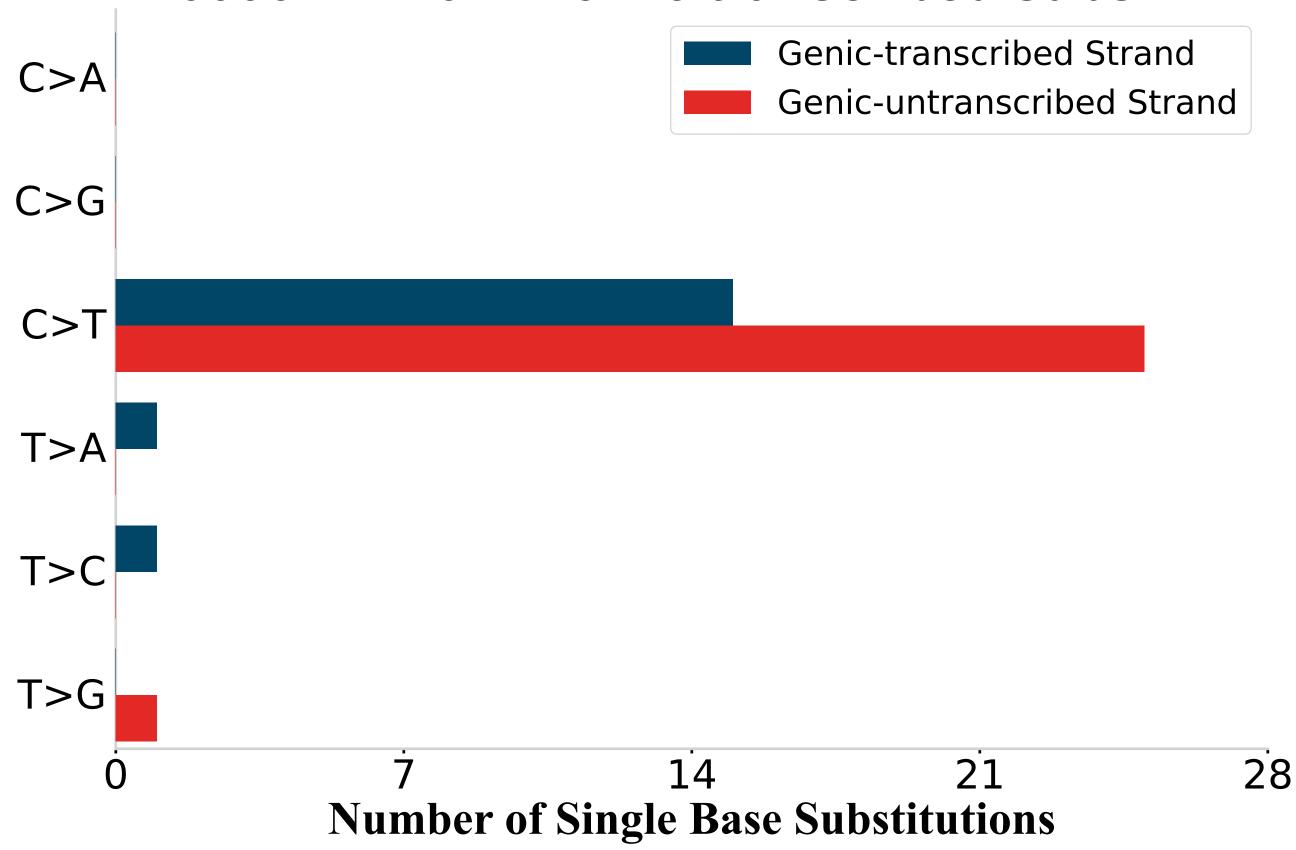
P-0006034-T01-IM5: 48 transcribed subs



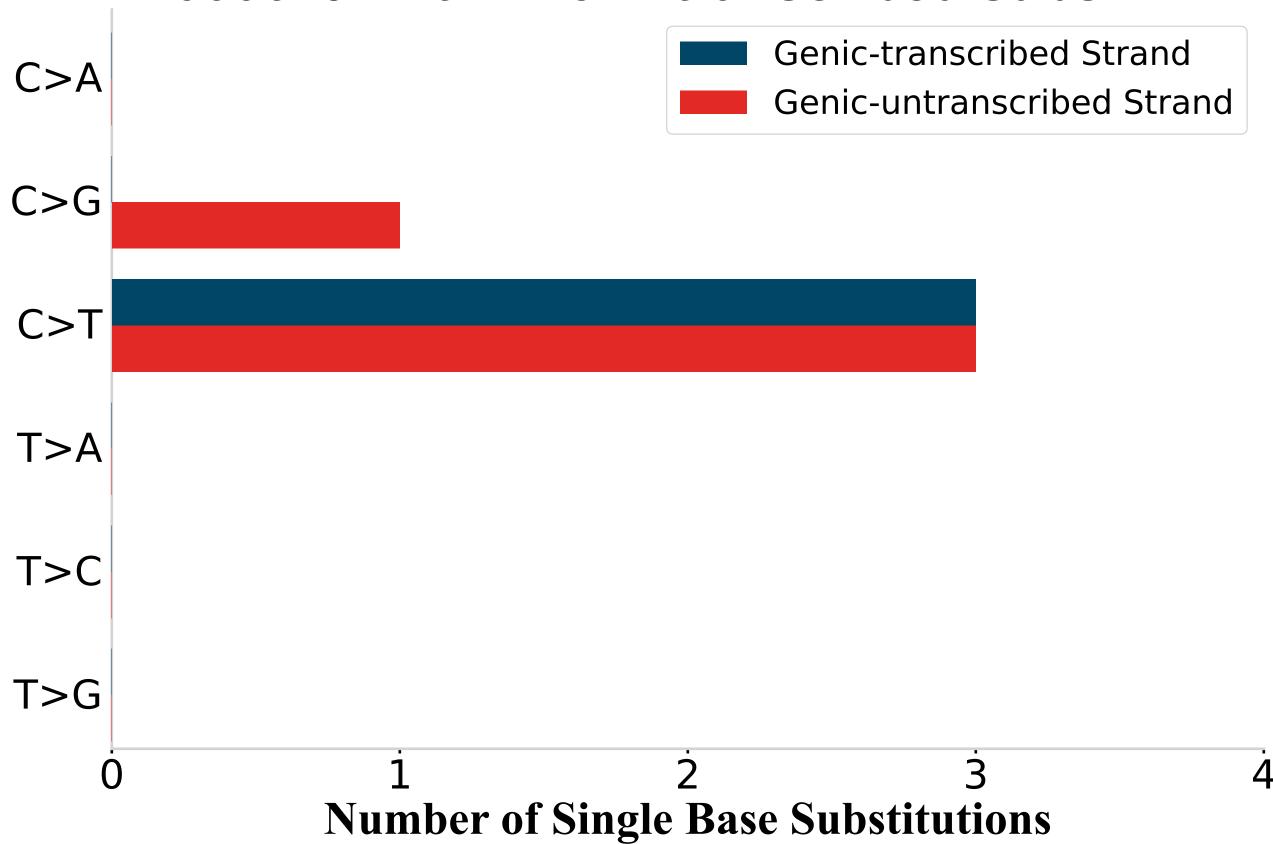
P-0006155-T02-IM5: 80 transcribed subs



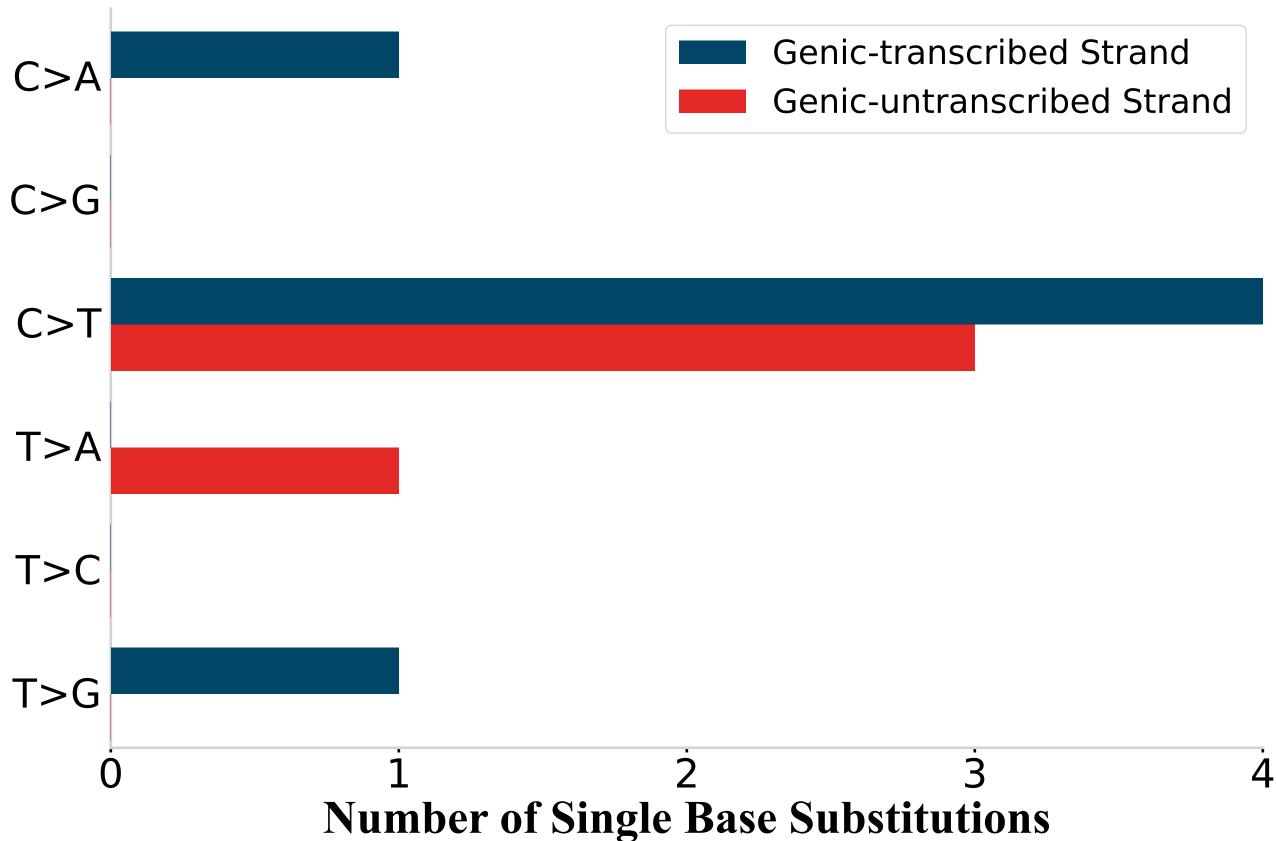
P-0006177-T01-IM5: 43 transcribed subs



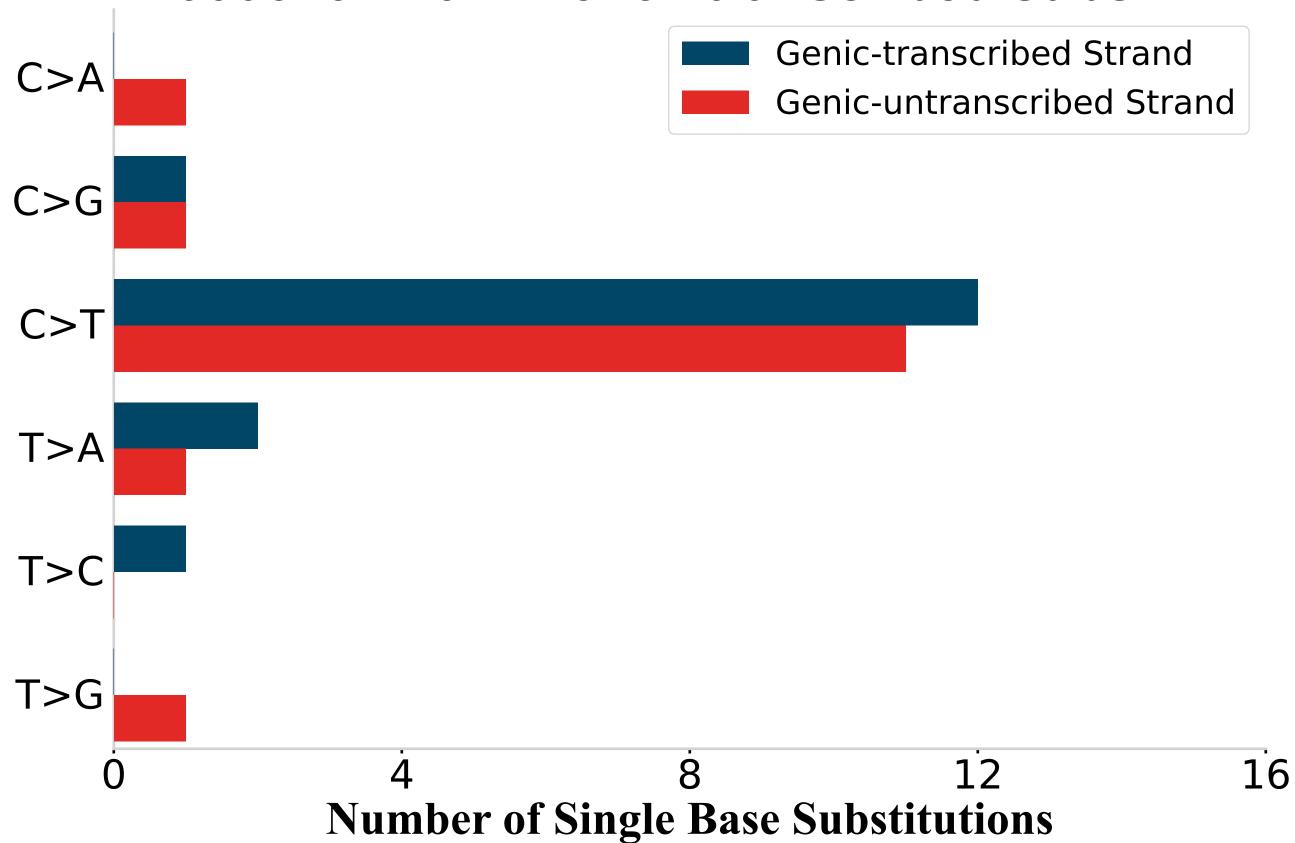
P-0006192-T01-IM5: 7 transcribed subs



P-0006193-T01-IM5: 10 transcribed subs

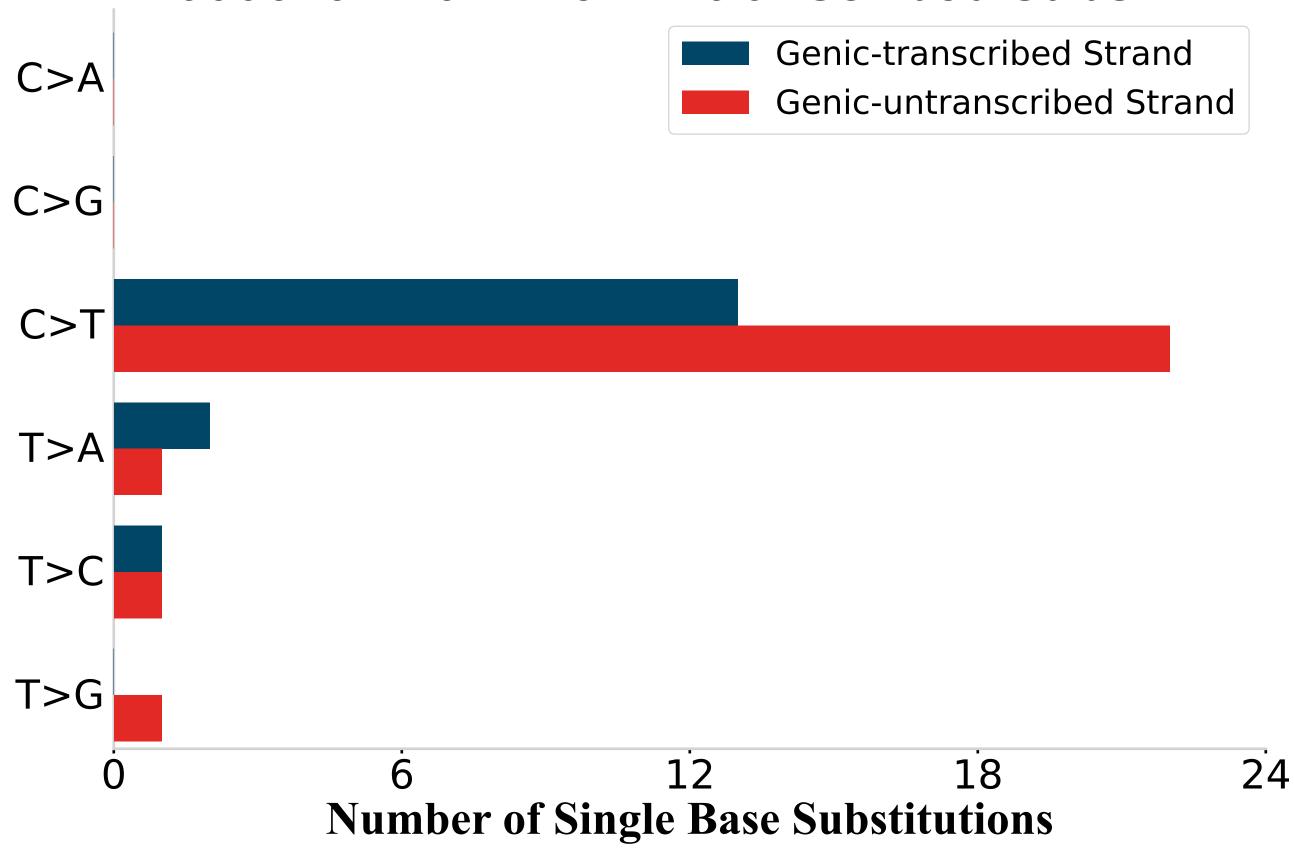


P-0006267-T01-IM5: 31 transcribed subs

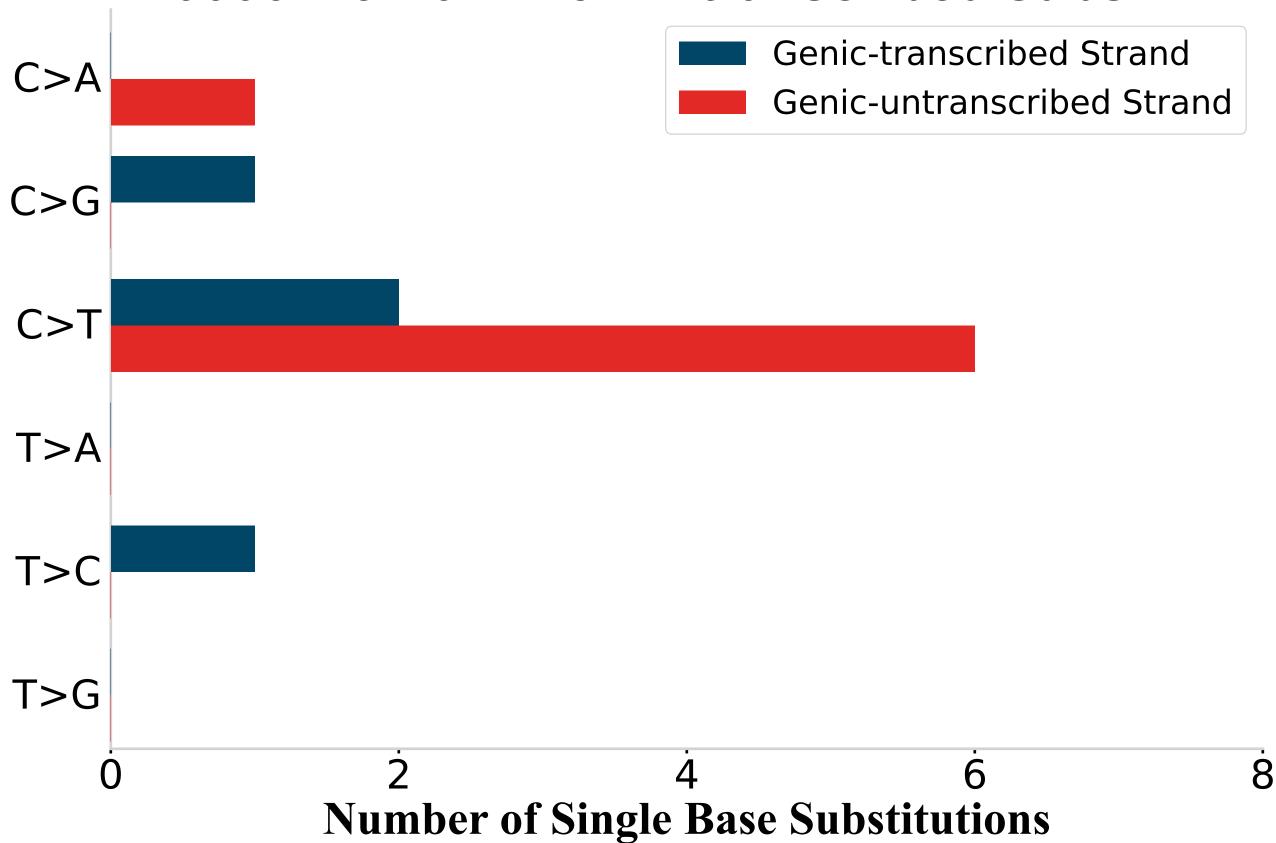


P-0006339-T01-IM5: 68 transcribed subs Genic-transcribed Strand C>A Genic-untranscribed Strand C>G C>T T>A T>C T>G 9 27 18 36 **Number of Single Base Substitutions**

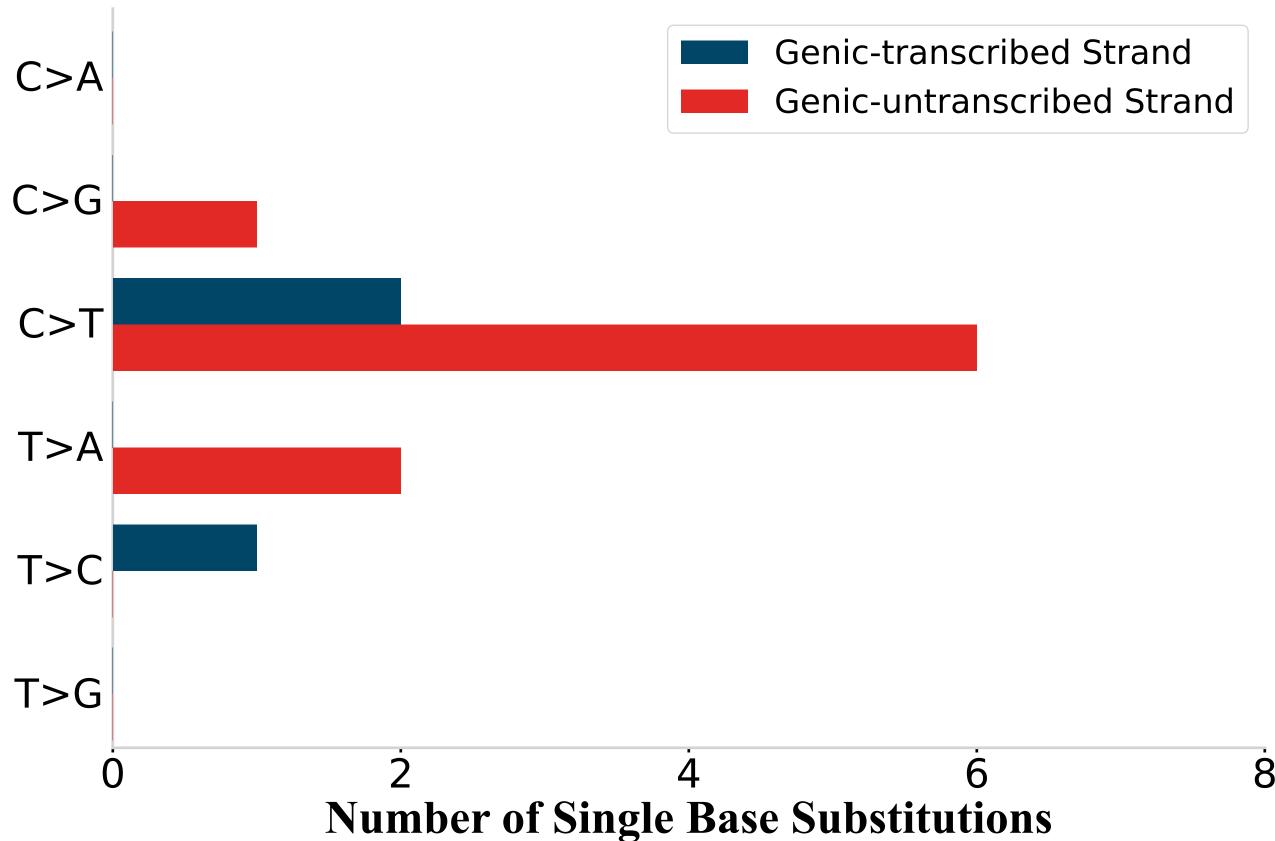
P-0006407-T01-IM5: 41 transcribed subs



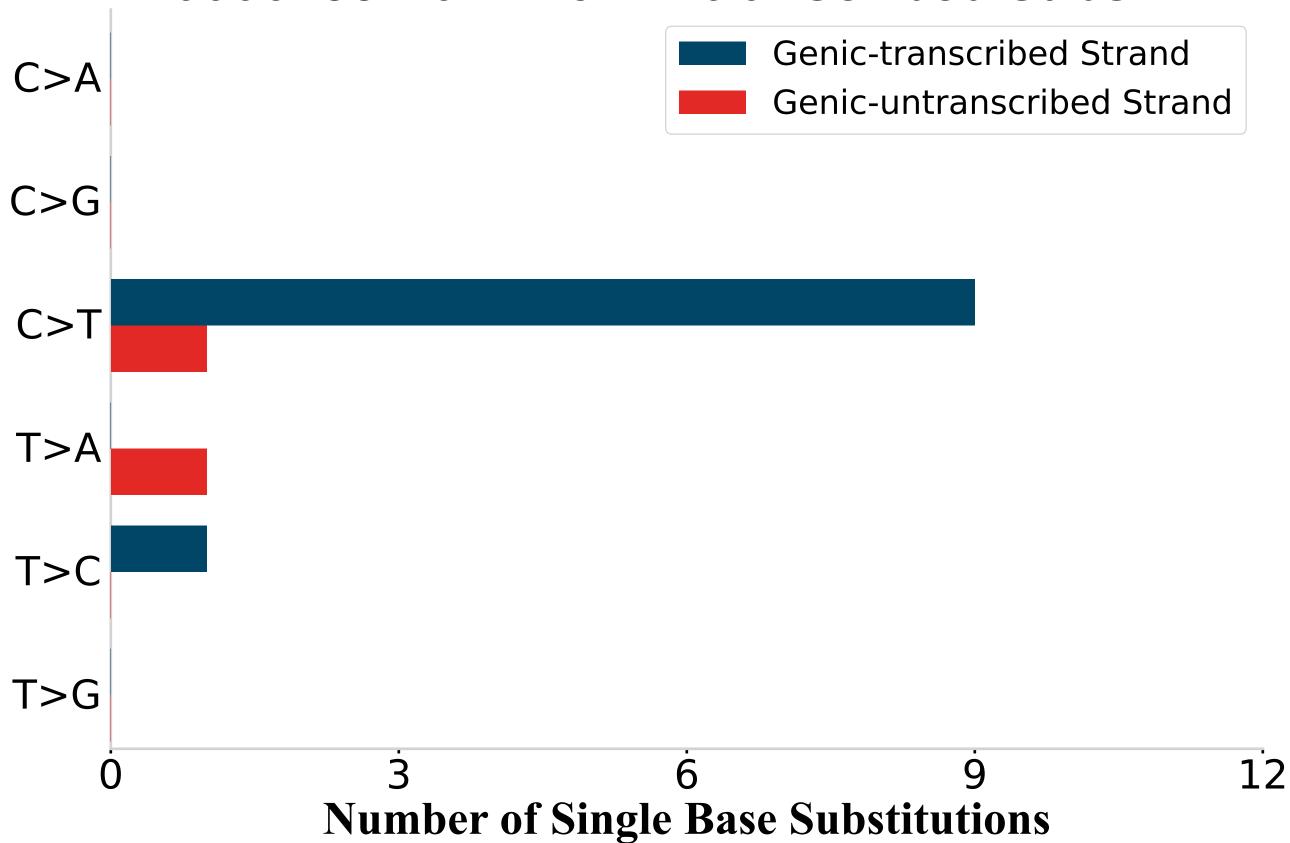
P-0006423-T01-IM5: 11 transcribed subs



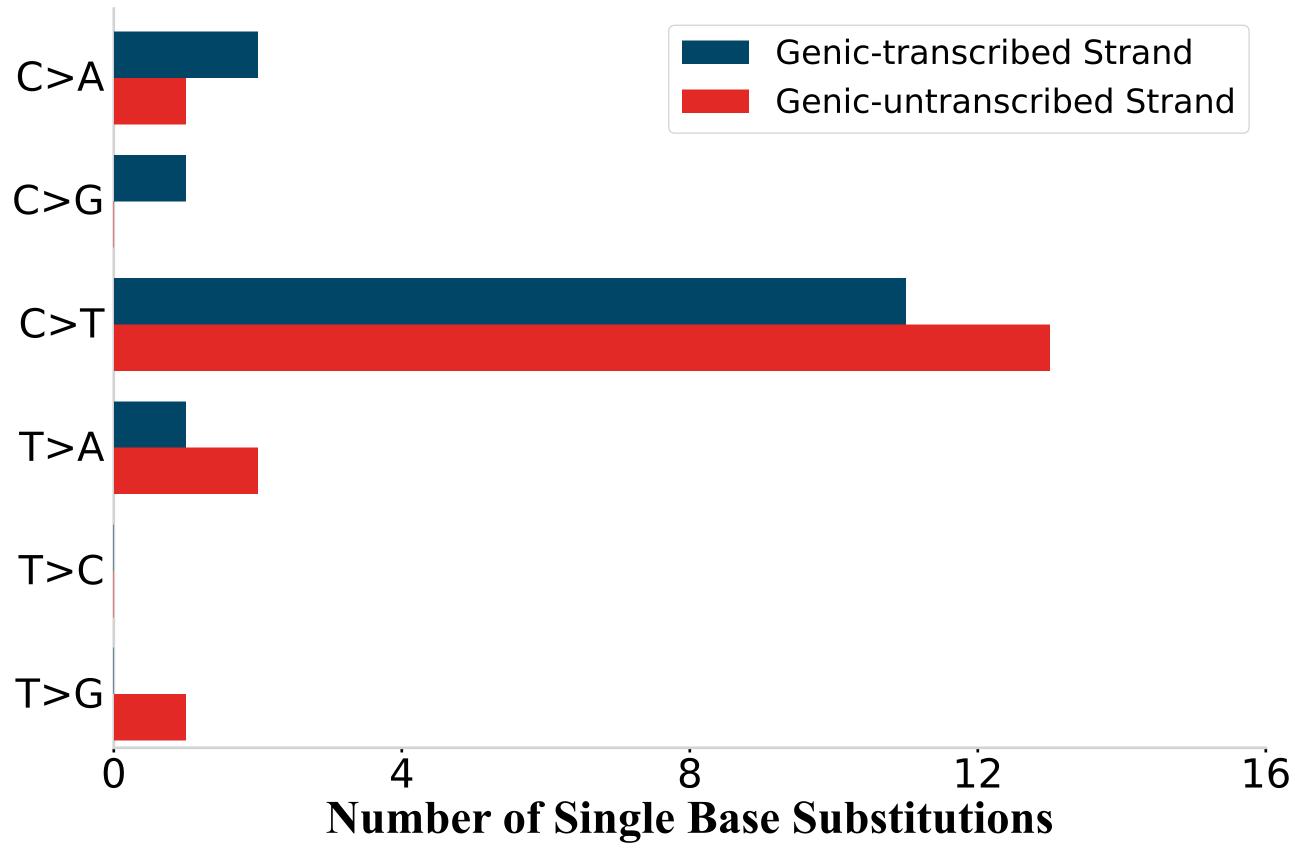
P-0006476-T01-IM5: 12 transcribed subs



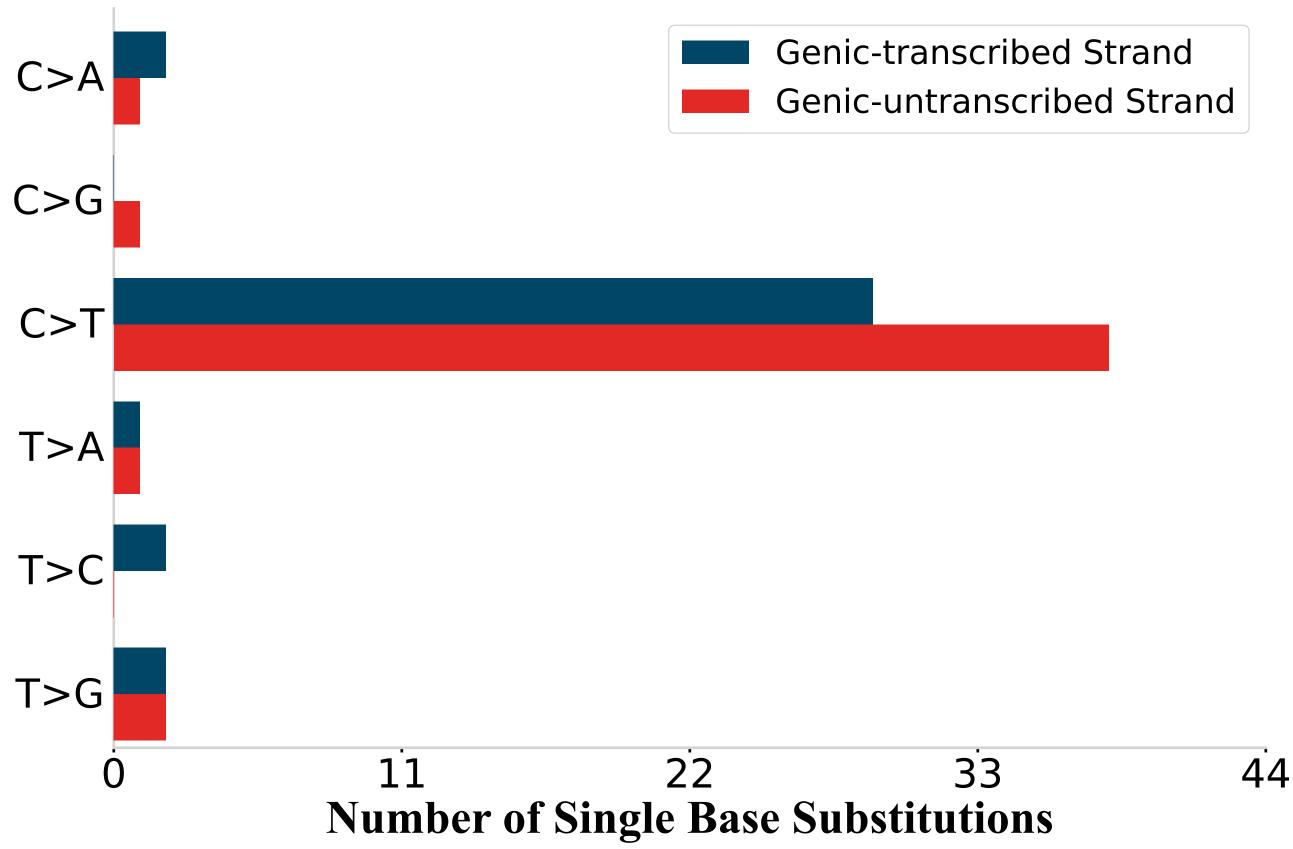
P-0006488-T01-IM5: 12 transcribed subs



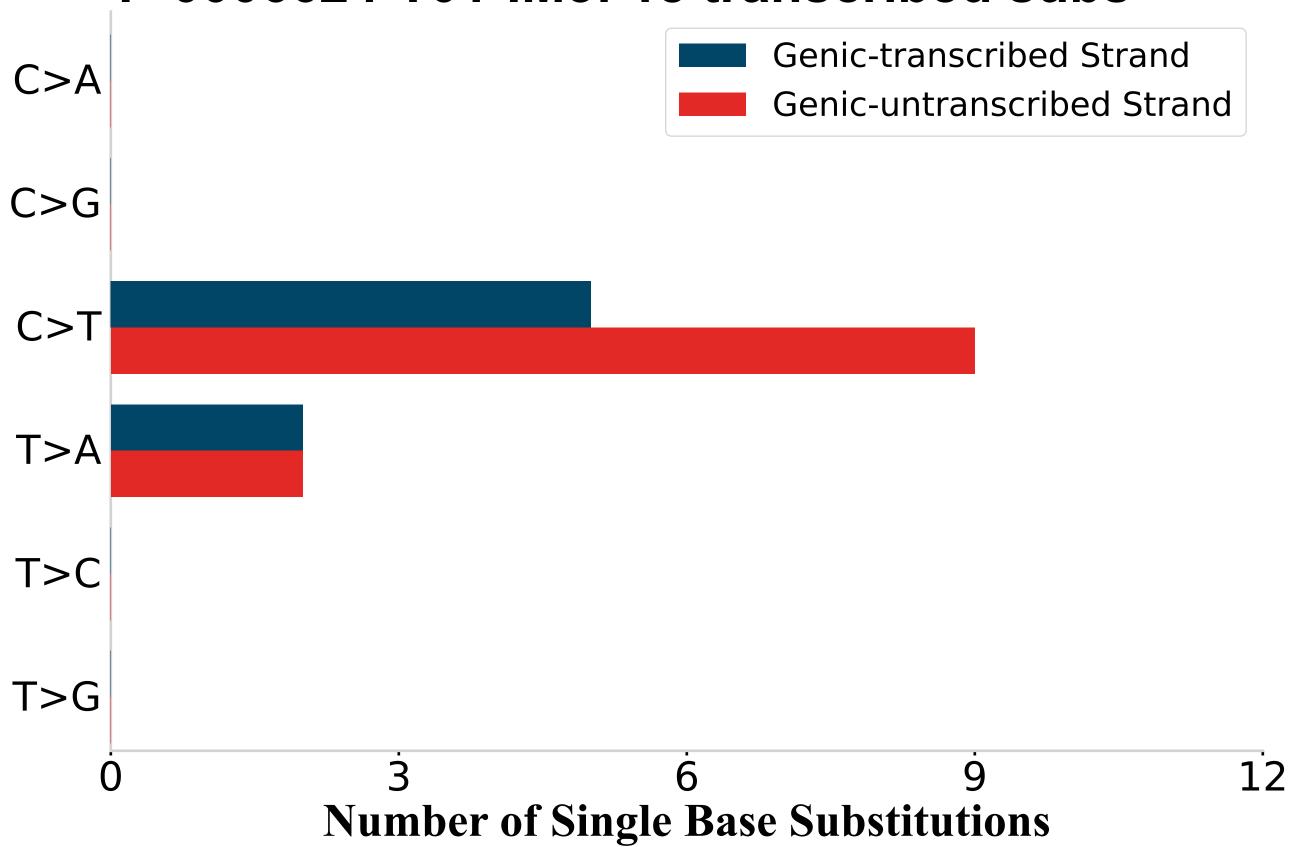
P-0006541-T02-IM5: 32 transcribed subs



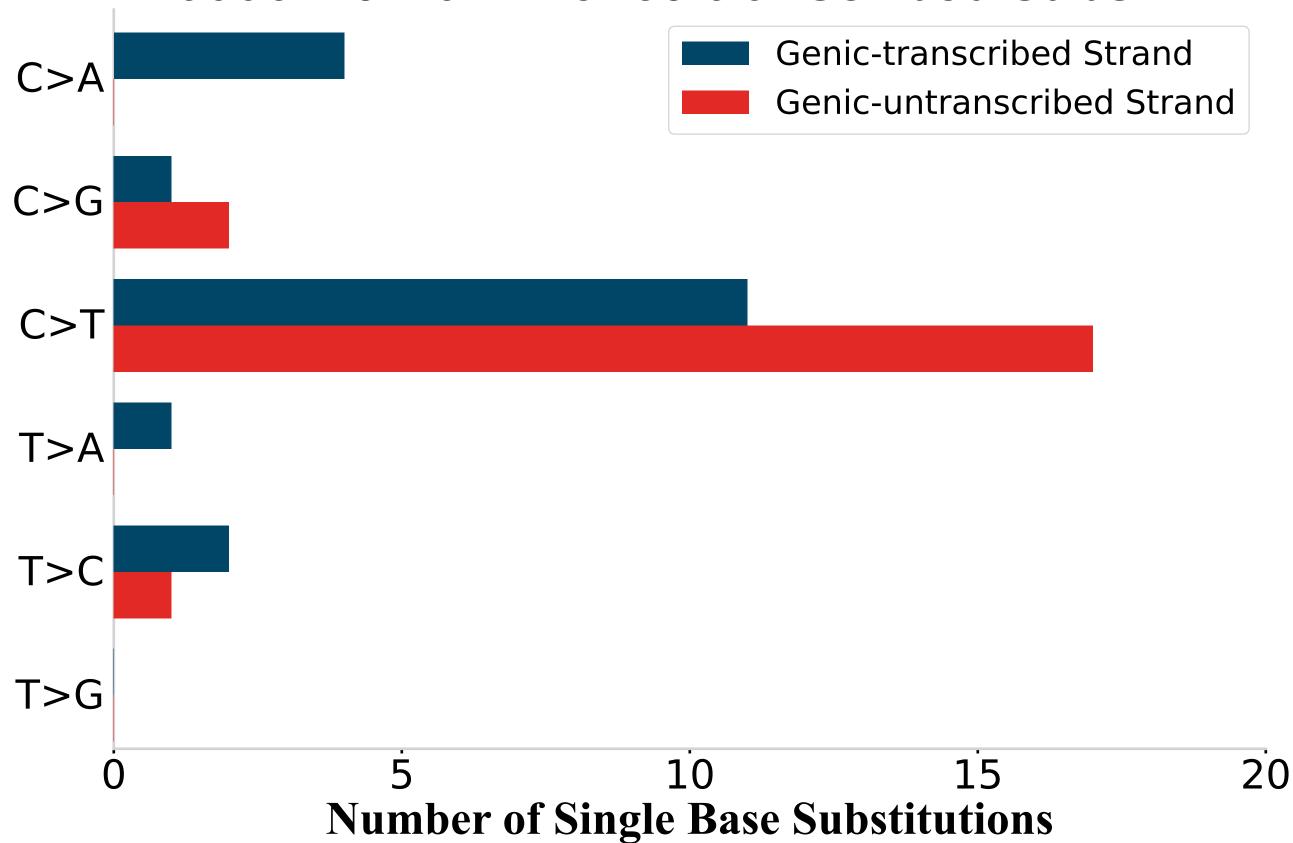
P-0006621-T01-IM5: 79 transcribed subs



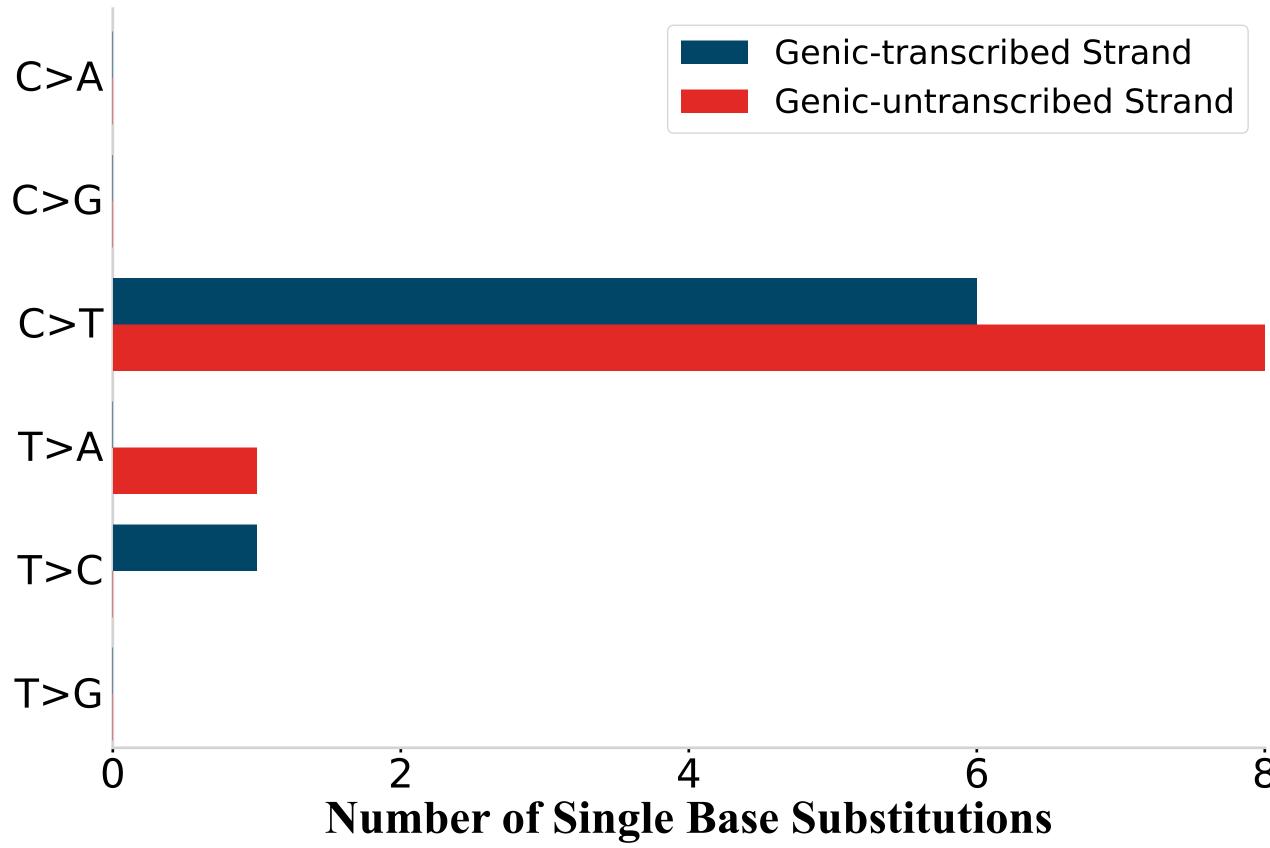
P-0006624-T01-IM5: 18 transcribed subs



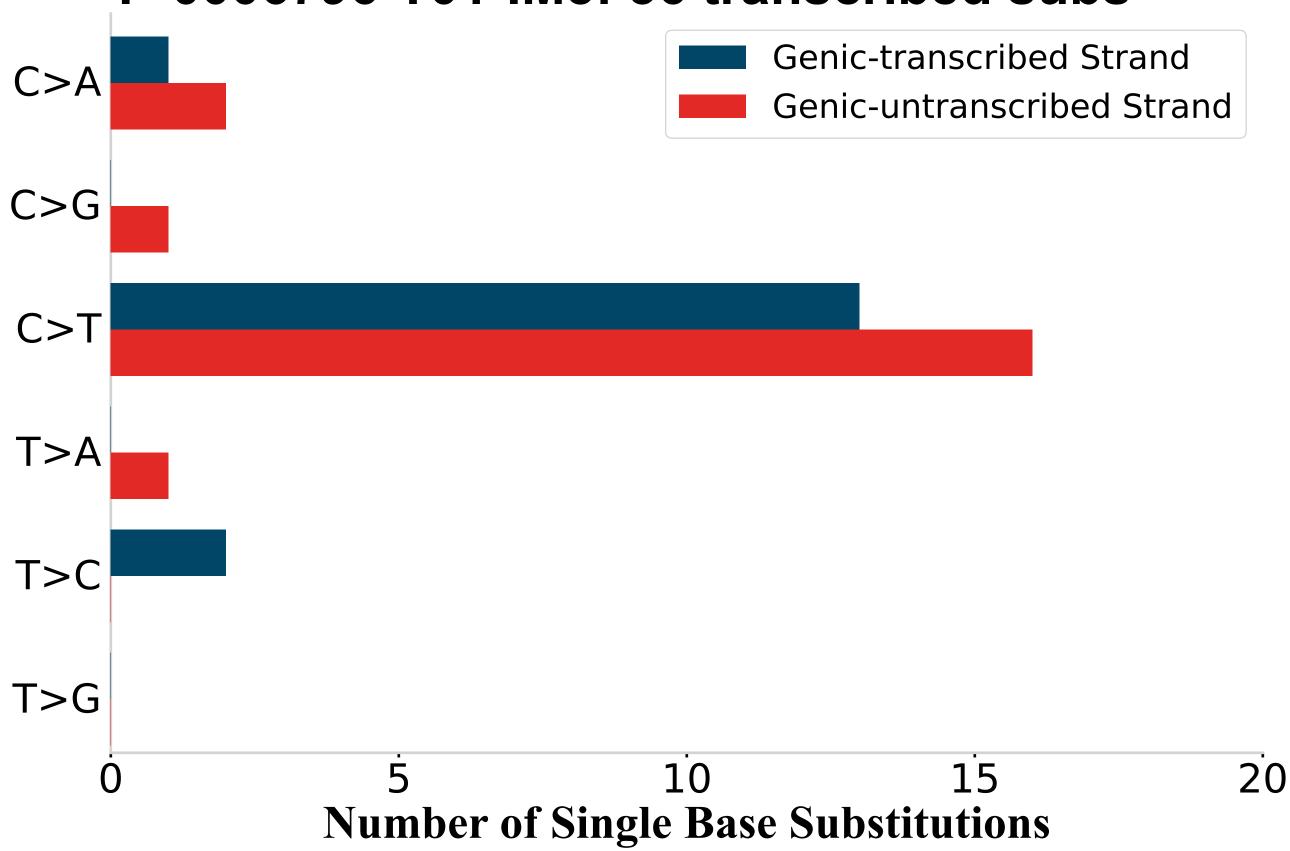
P-0006719-T01-IM5: 39 transcribed subs



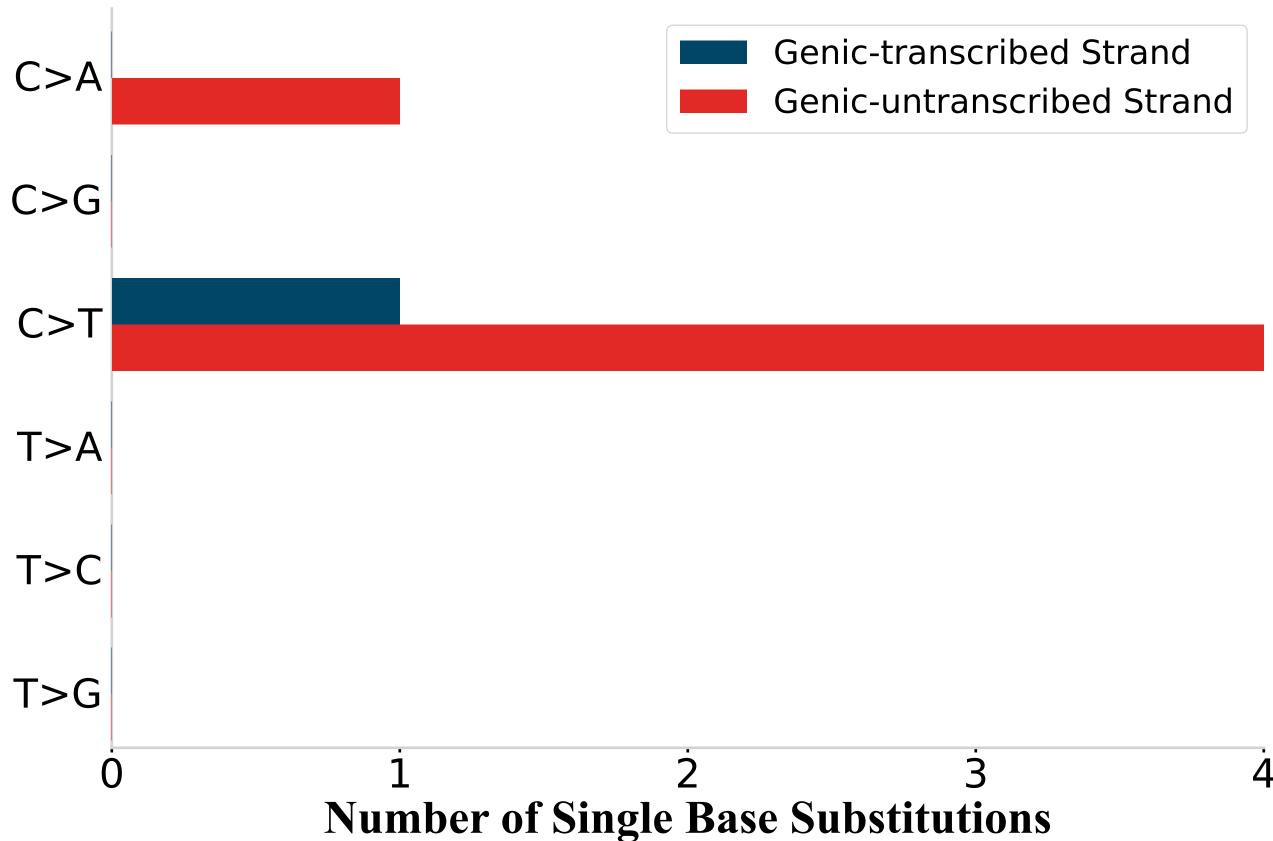
P-0006731-T01-IM5: 16 transcribed subs



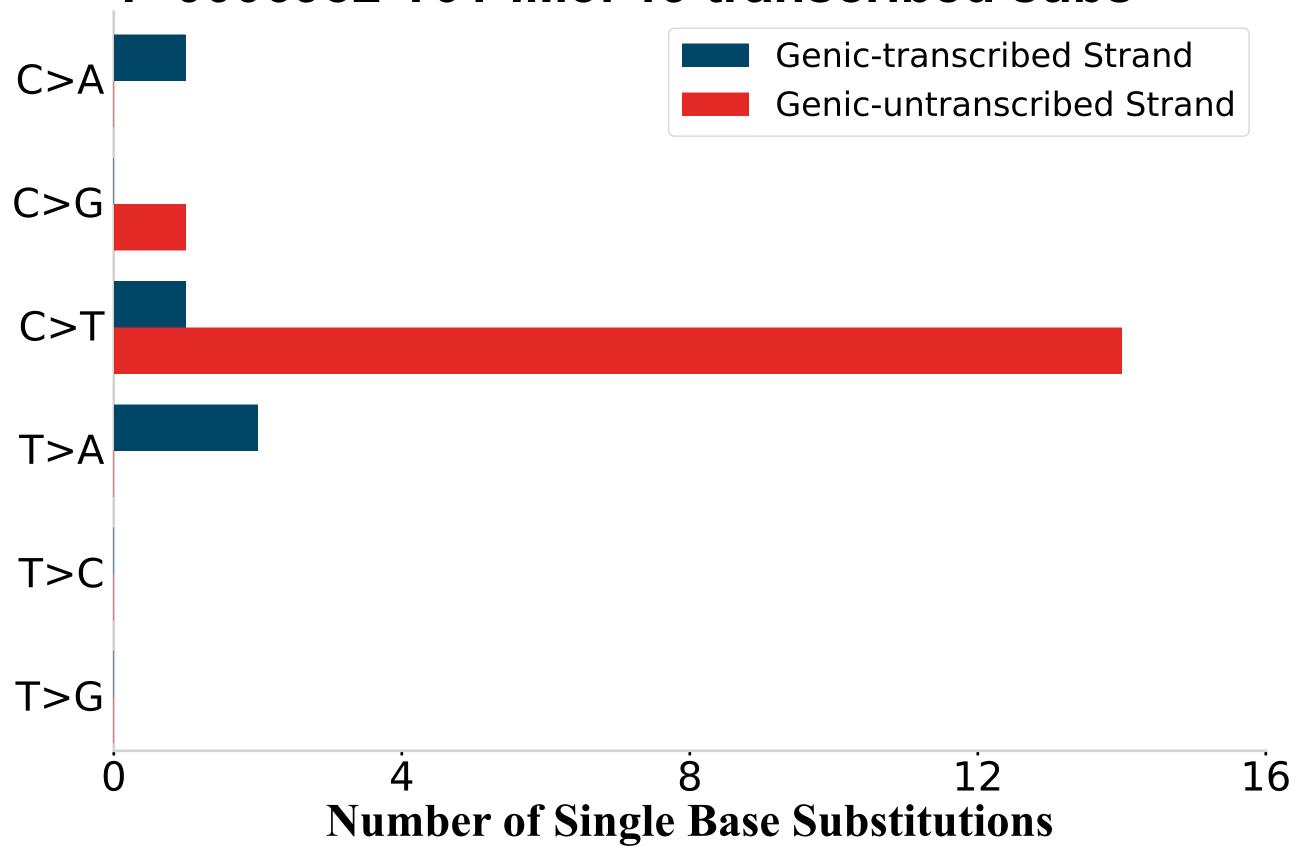
P-0006796-T01-IM5: 36 transcribed subs



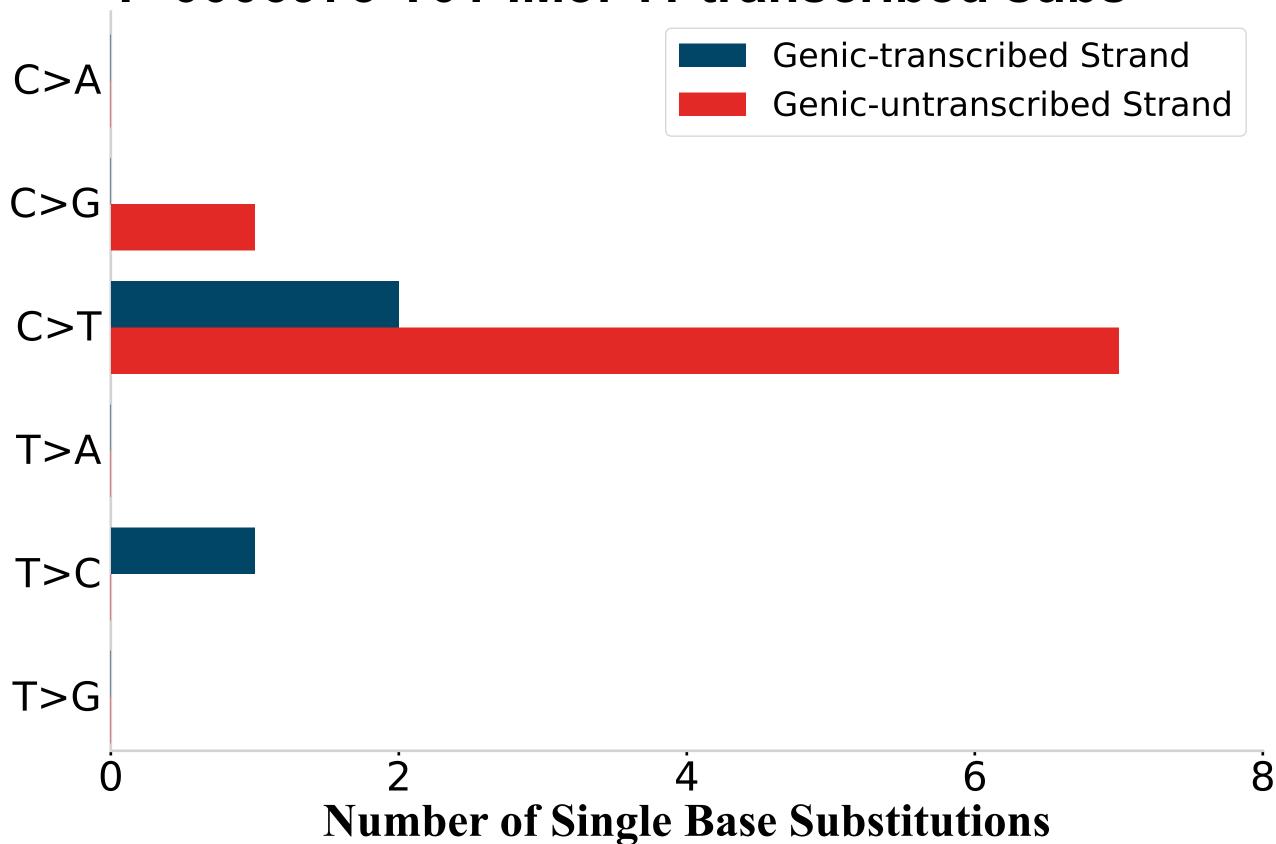
P-0006845-T01-IM5: 6 transcribed subs



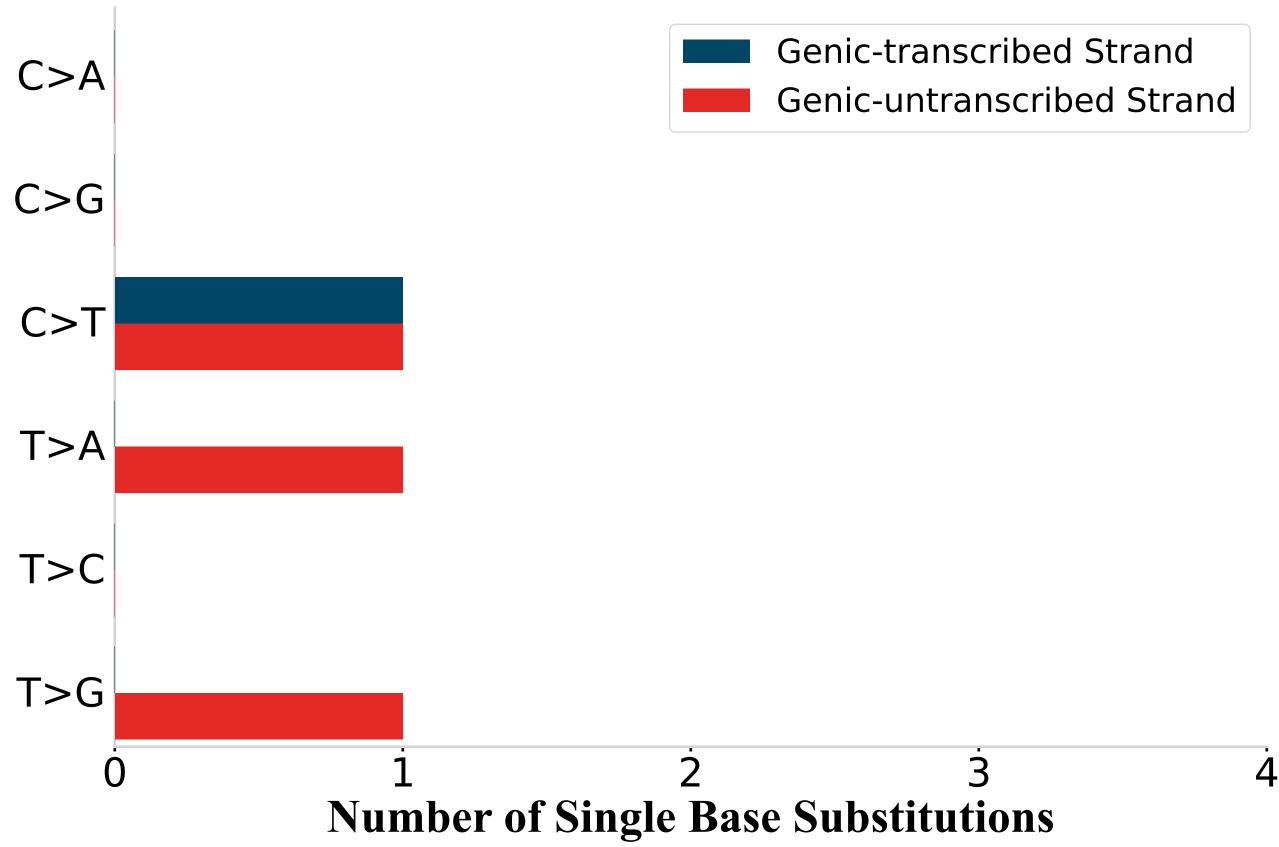
P-0006952-T01-IM5: 19 transcribed subs



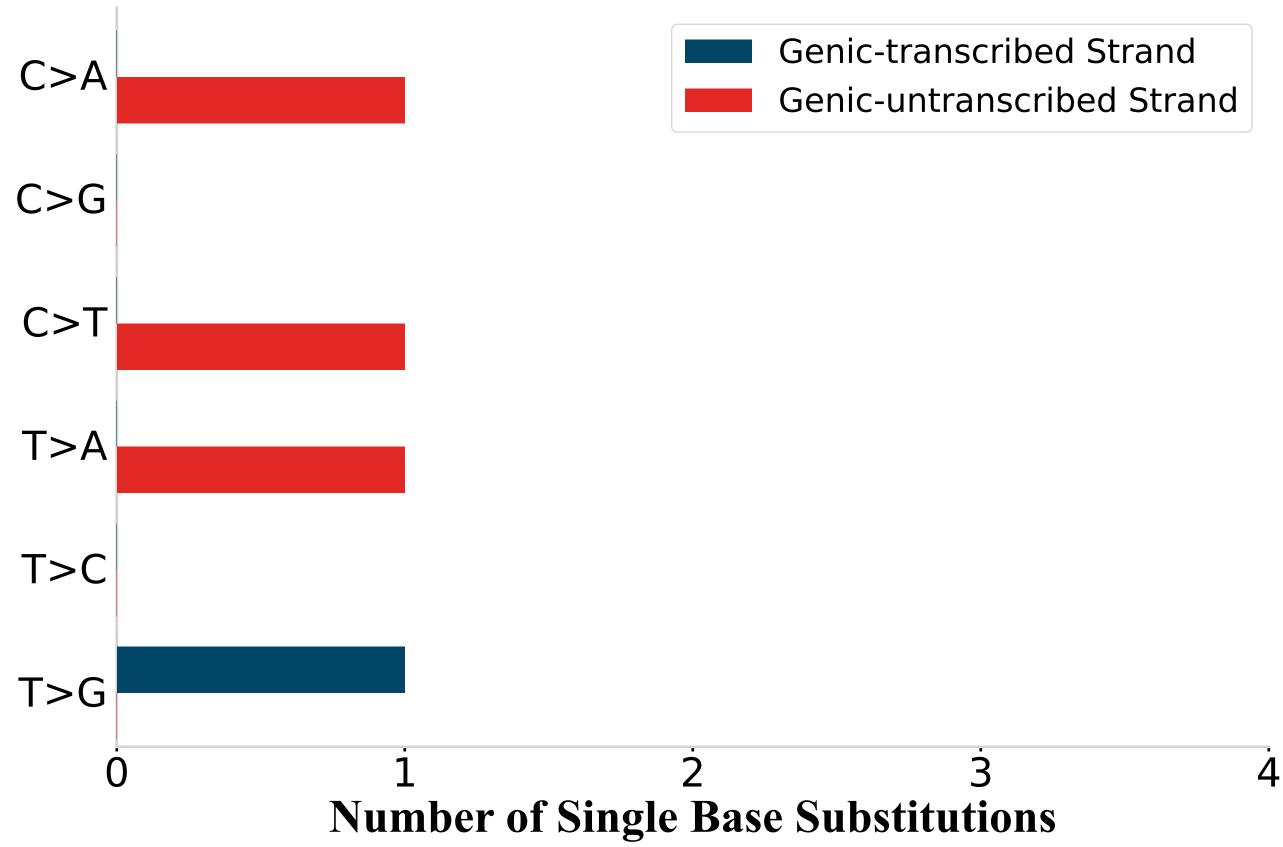
P-0006973-T01-IM5: 11 transcribed subs



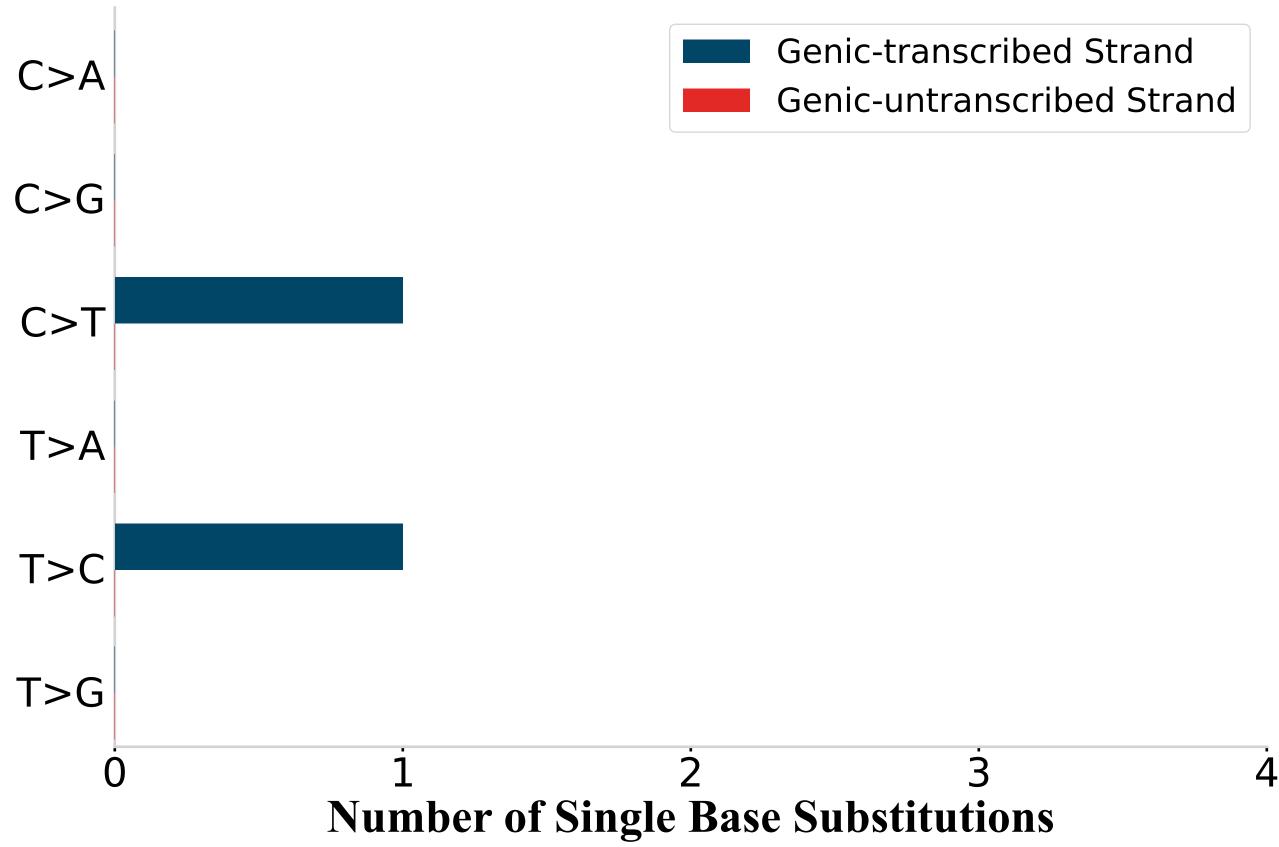
P-0007142-T01-IM5: 4 transcribed subs



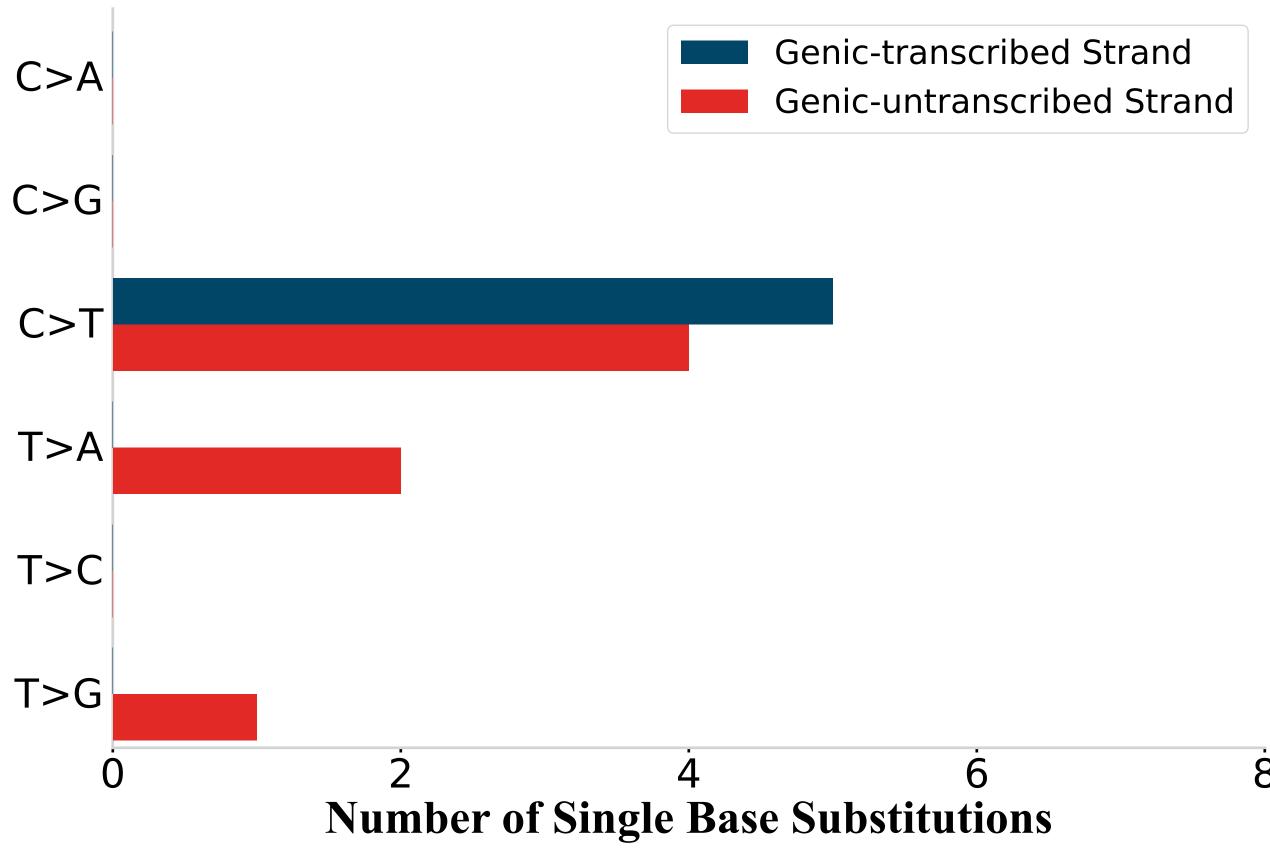
P-0007232-T02-IM6: 4 transcribed subs



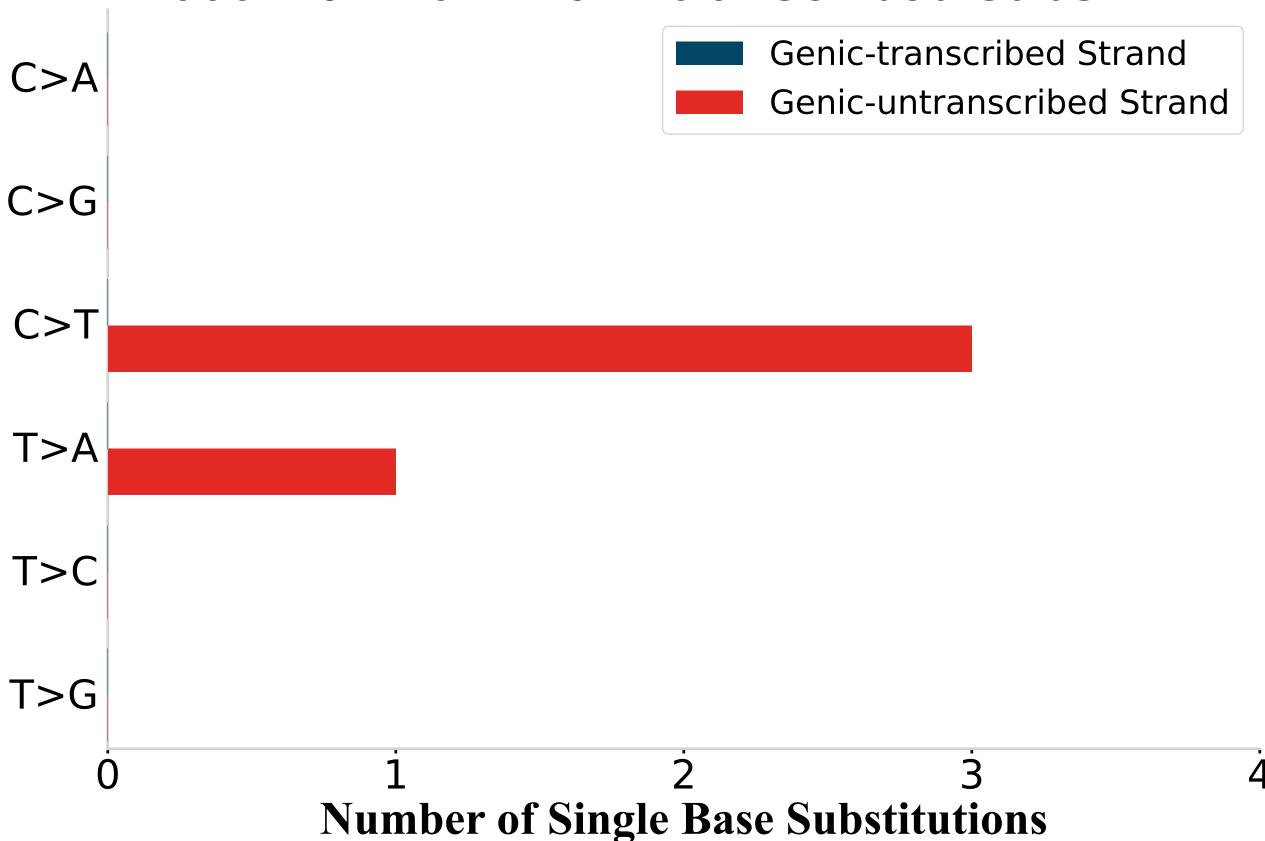
P-0007238-T01-IM5: 2 transcribed subs



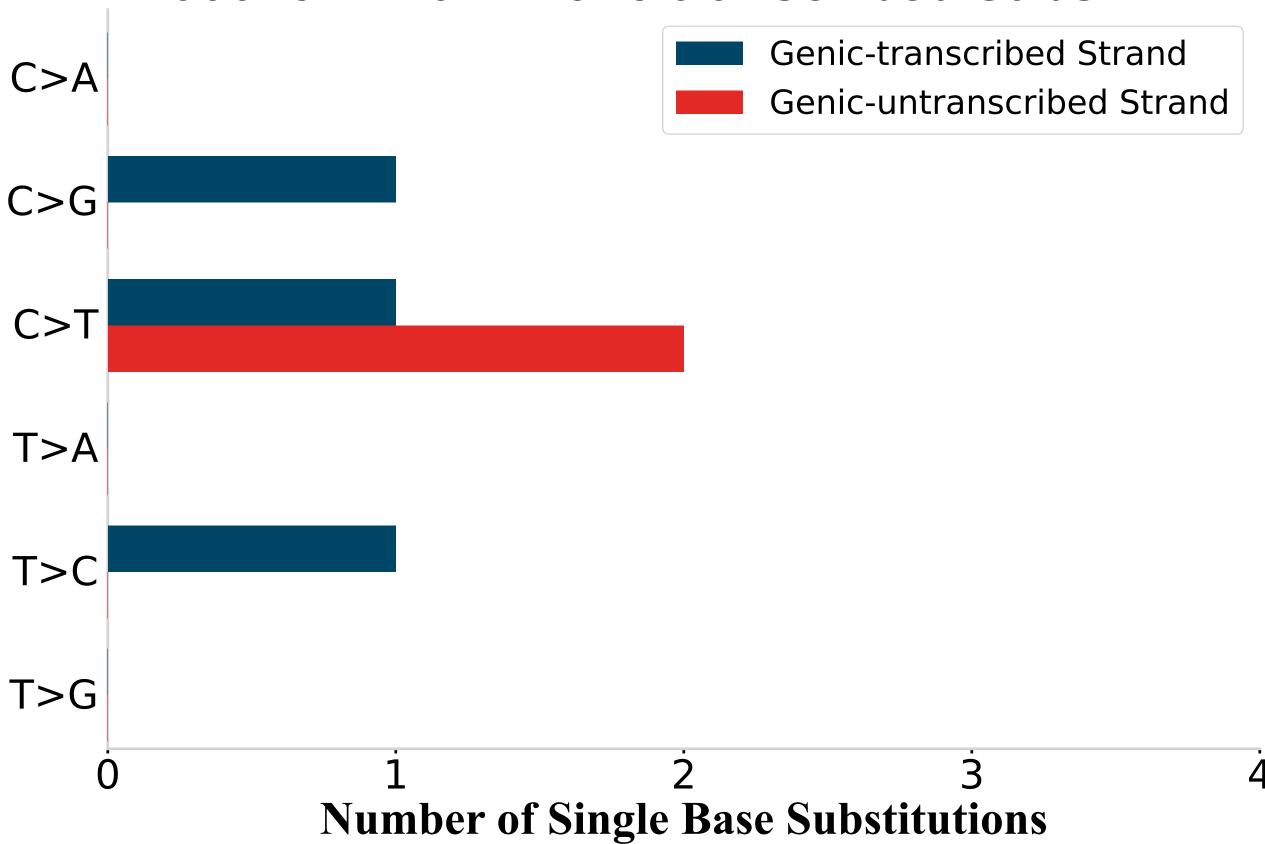
P-0007281-T01-IM5: 12 transcribed subs



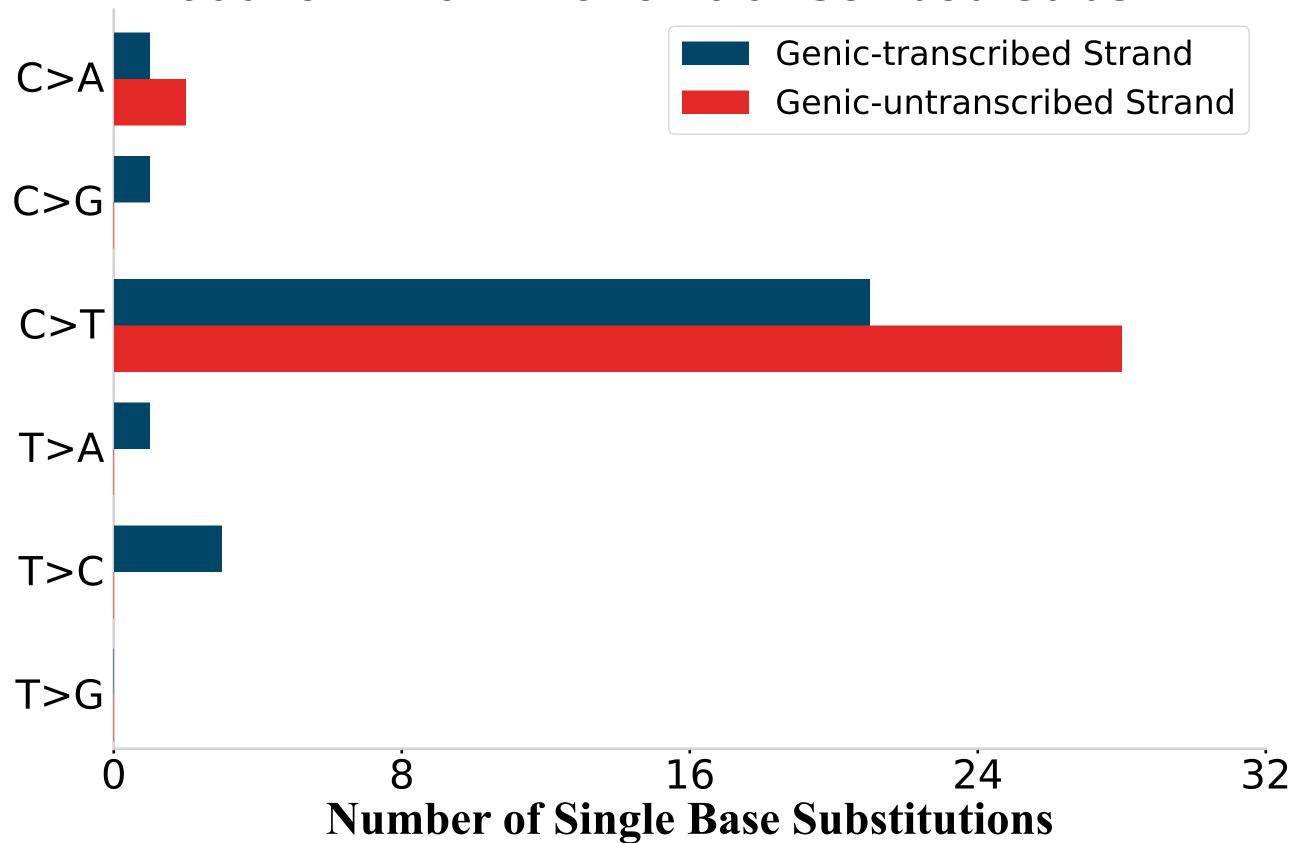
P-0007492-T01-IM5: 4 transcribed subs



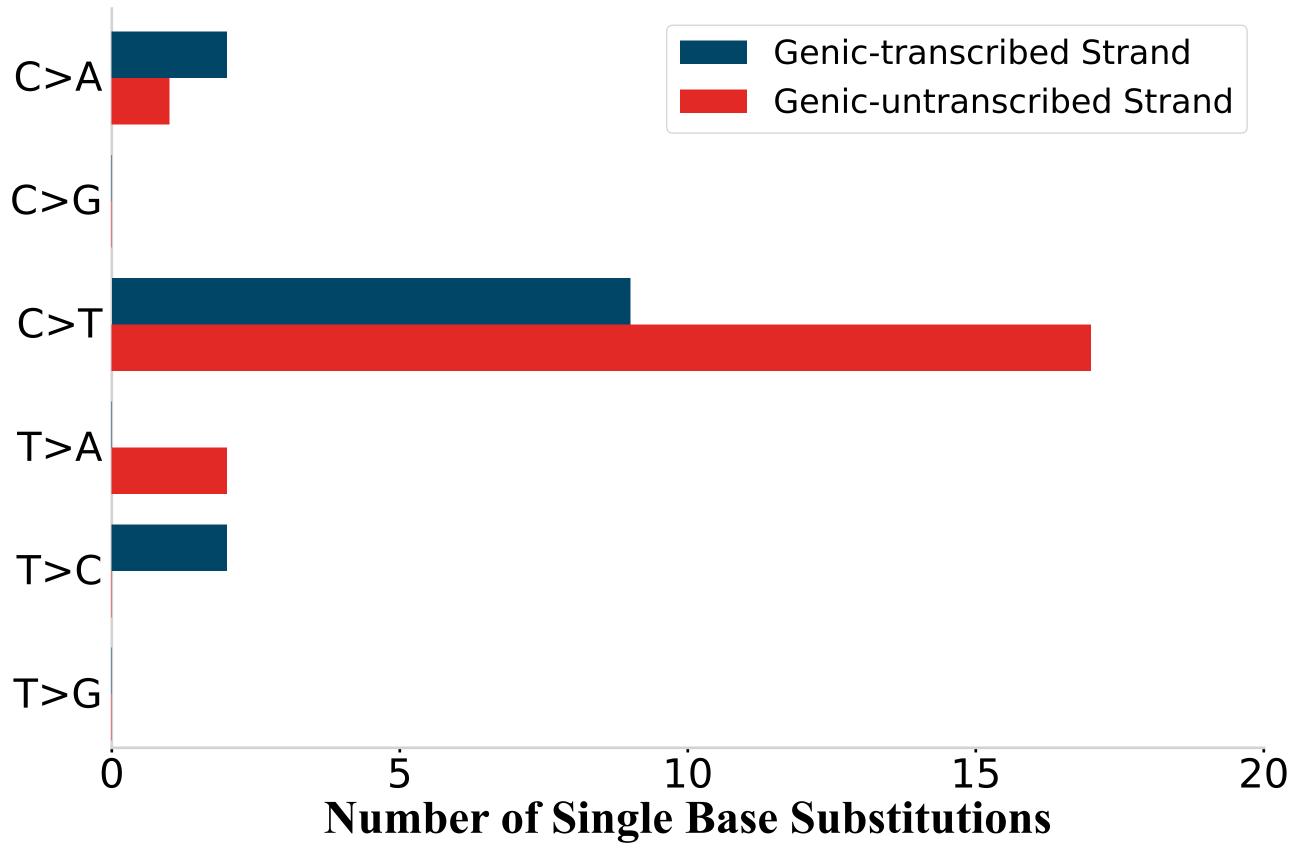
P-0007517-T01-IM5: 5 transcribed subs



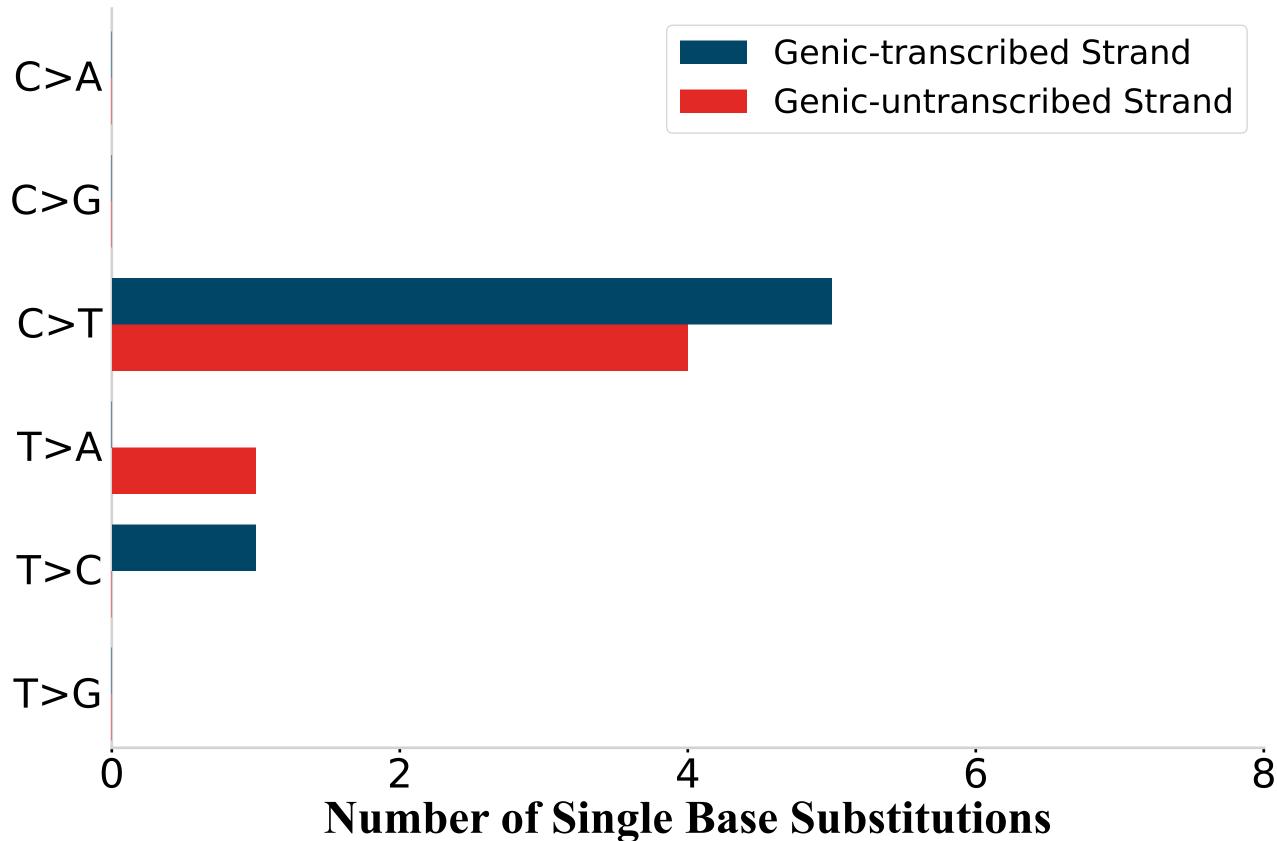
P-0007544-T01-IM5: 57 transcribed subs



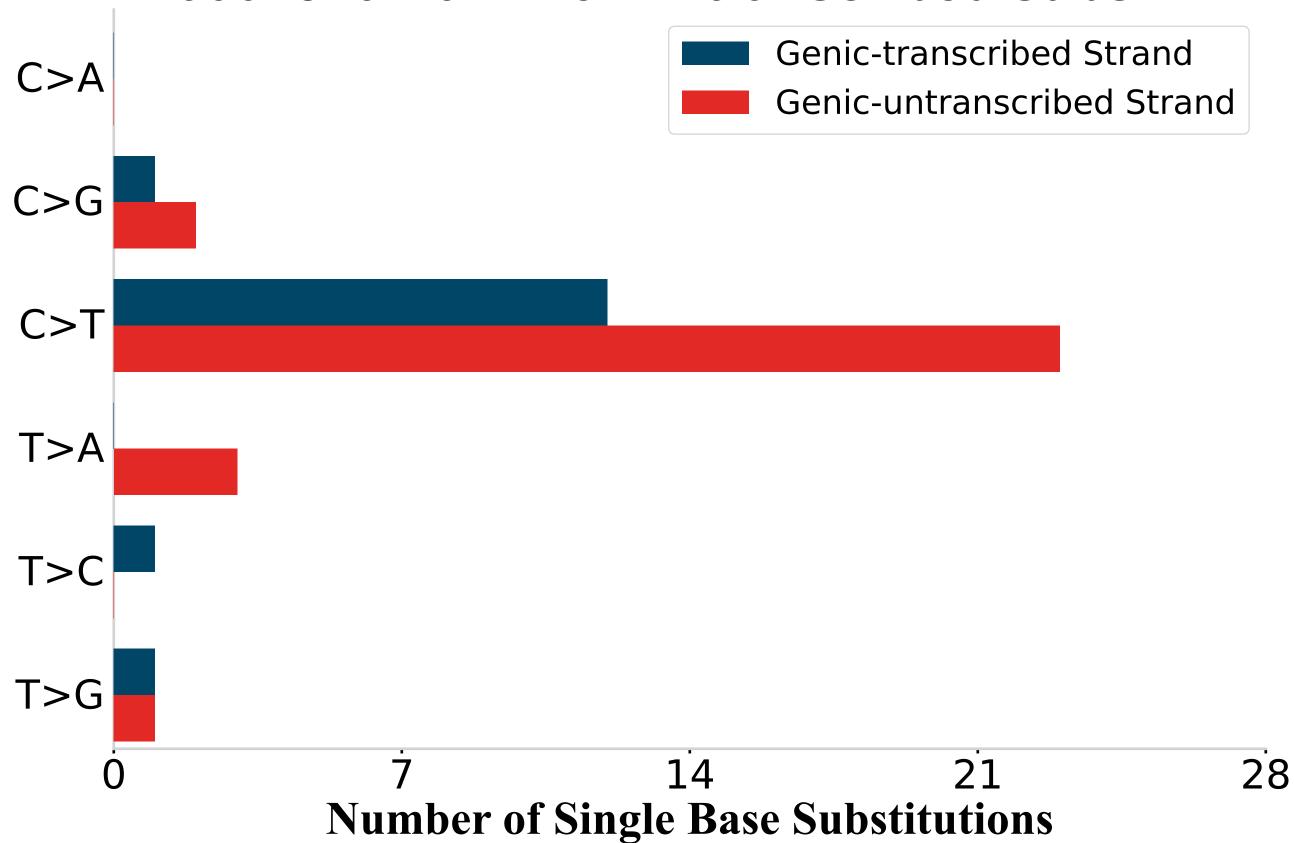
P-0007561-T01-IM5: 33 transcribed subs



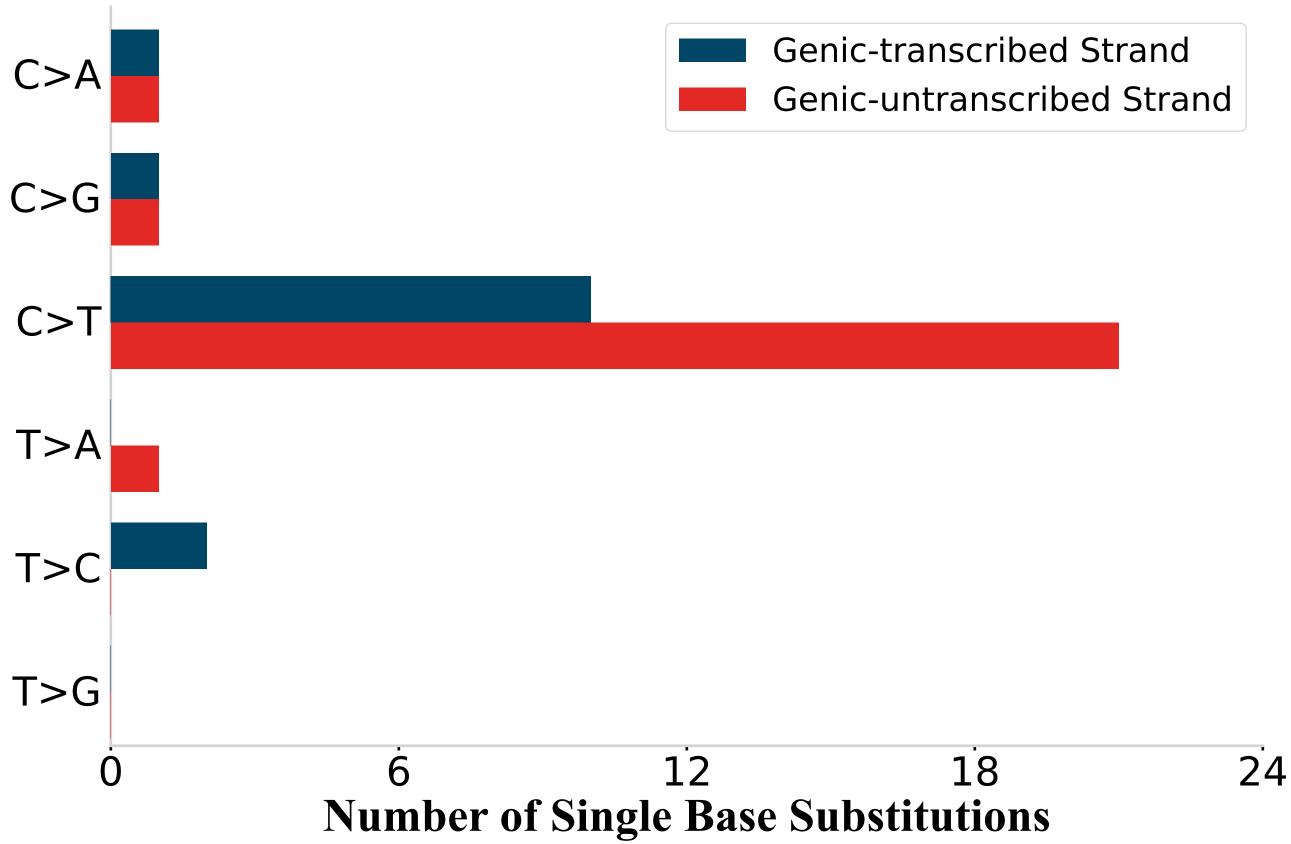
P-0007736-T01-IM5: 11 transcribed subs



P-0007810-T02-IM5: 44 transcribed subs

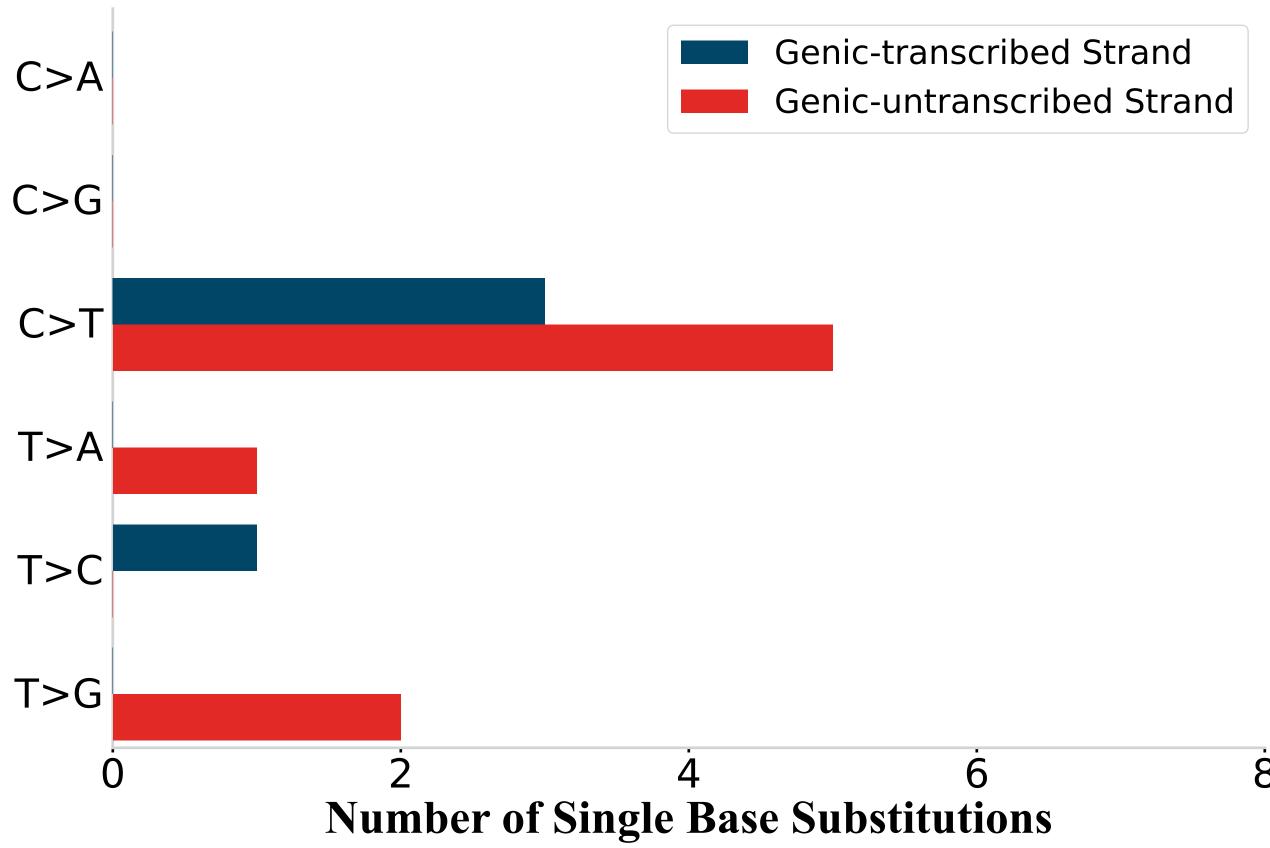


P-0007876-T01-IM5: 38 transcribed subs

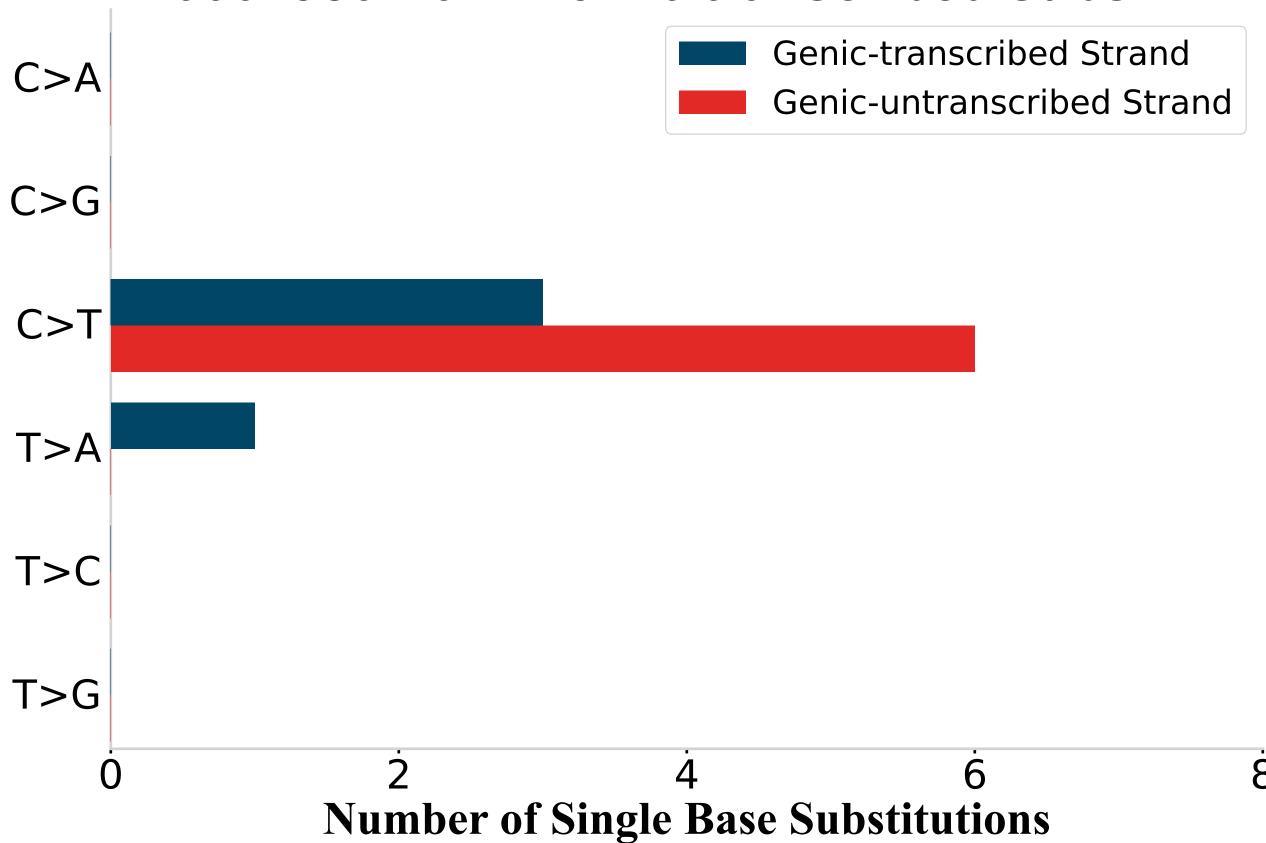


P-0007918-T01-IM5: 59 transcribed subs Genic-transcribed Strand C>A Genic-untranscribed Strand C>T T>AT>C T>G 10 20 30 40 **Number of Single Base Substitutions**

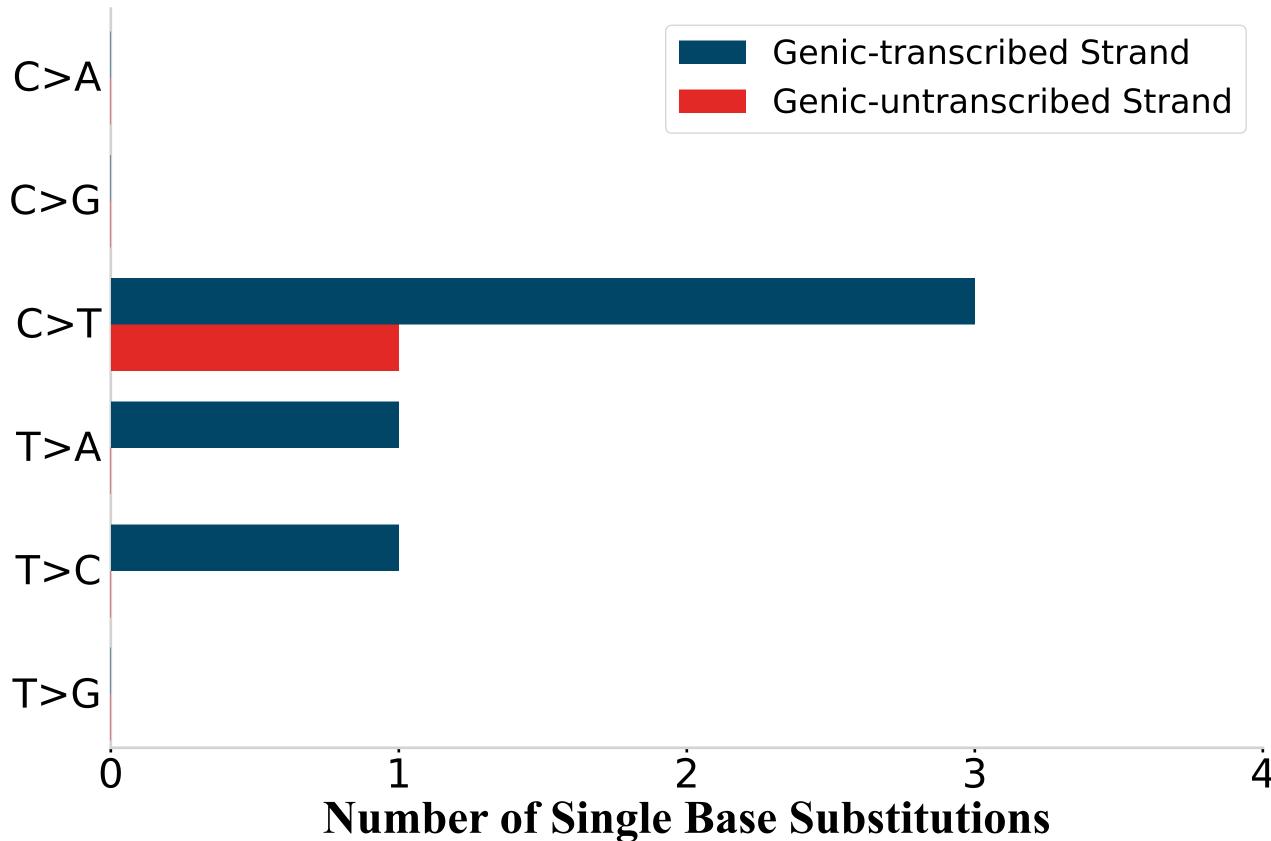
P-0007970-T01-IM5: 12 transcribed subs



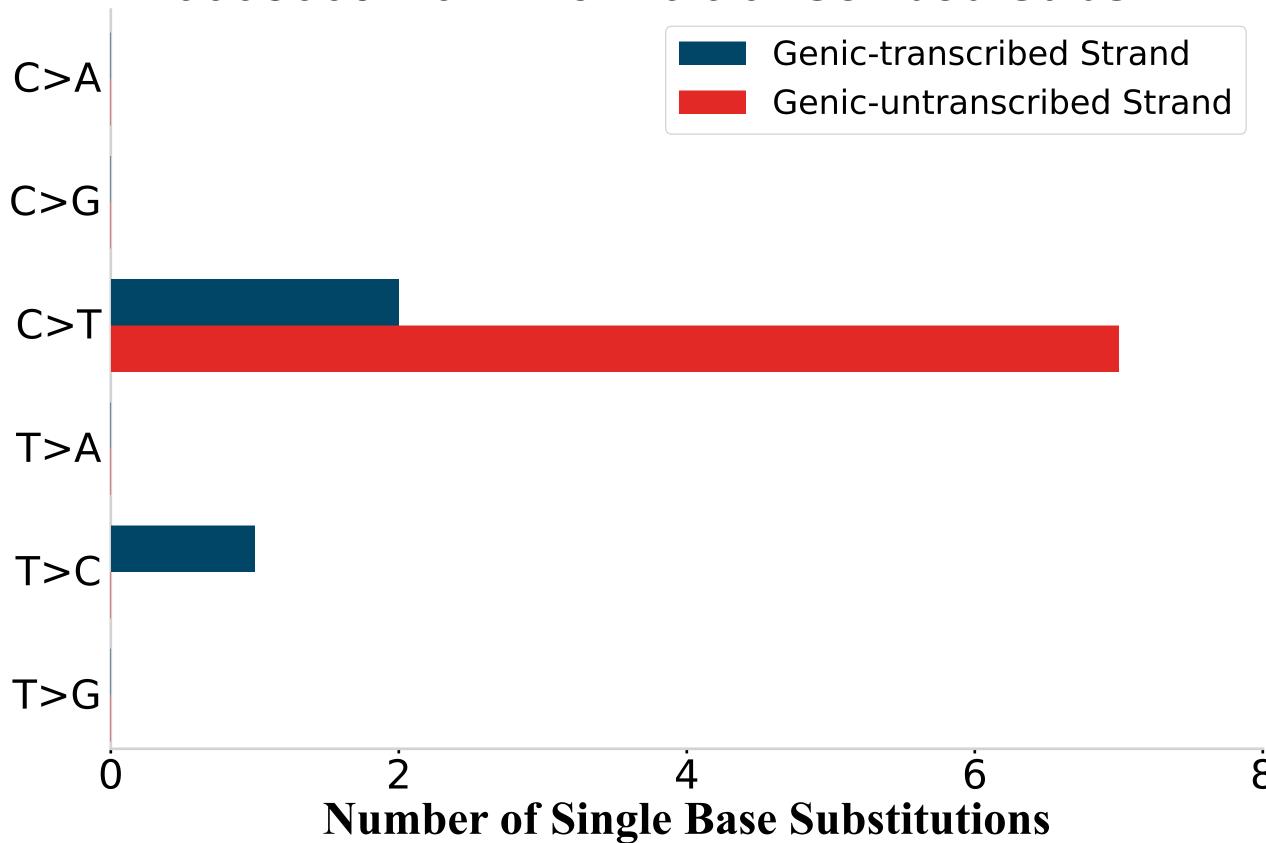
P-0007980-T01-IM5: 10 transcribed subs



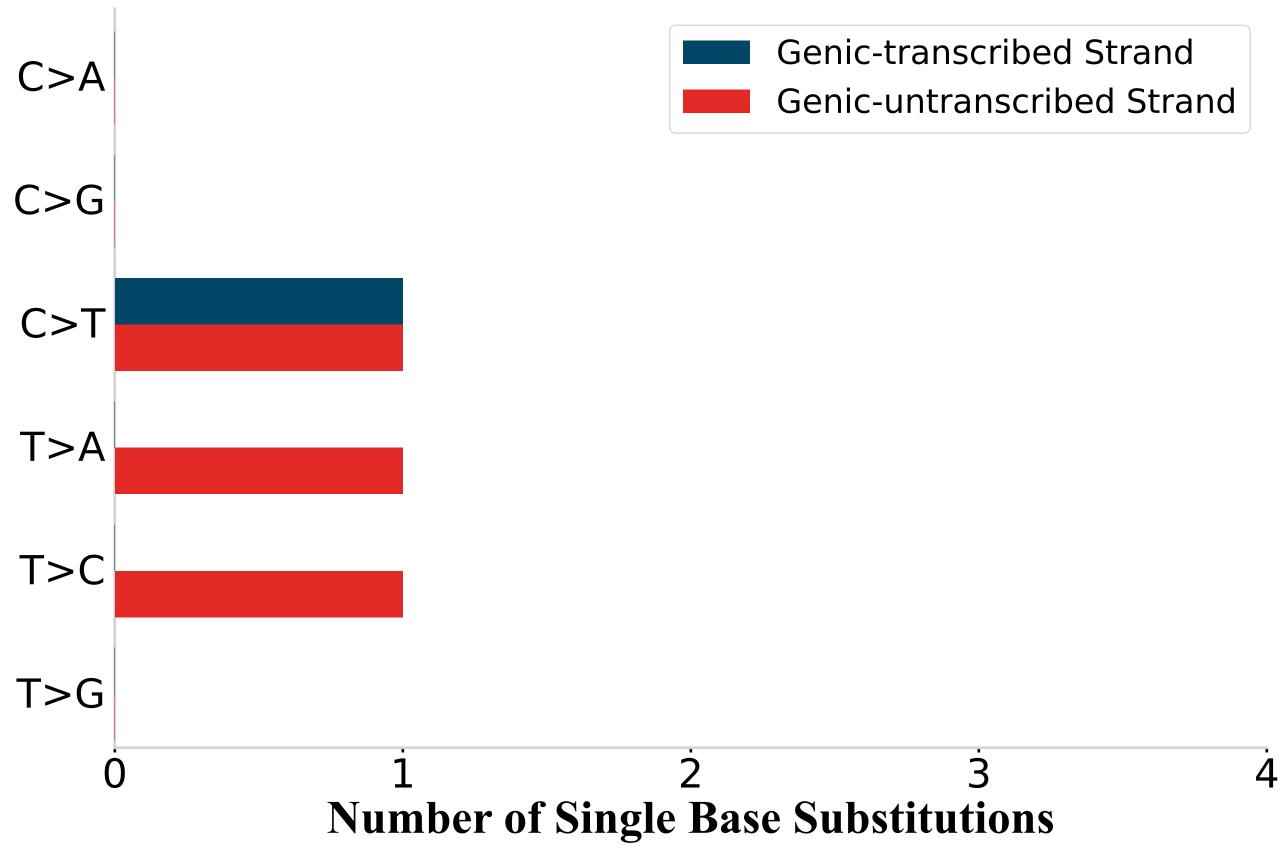
P-0007986-T01-IM5: 6 transcribed subs



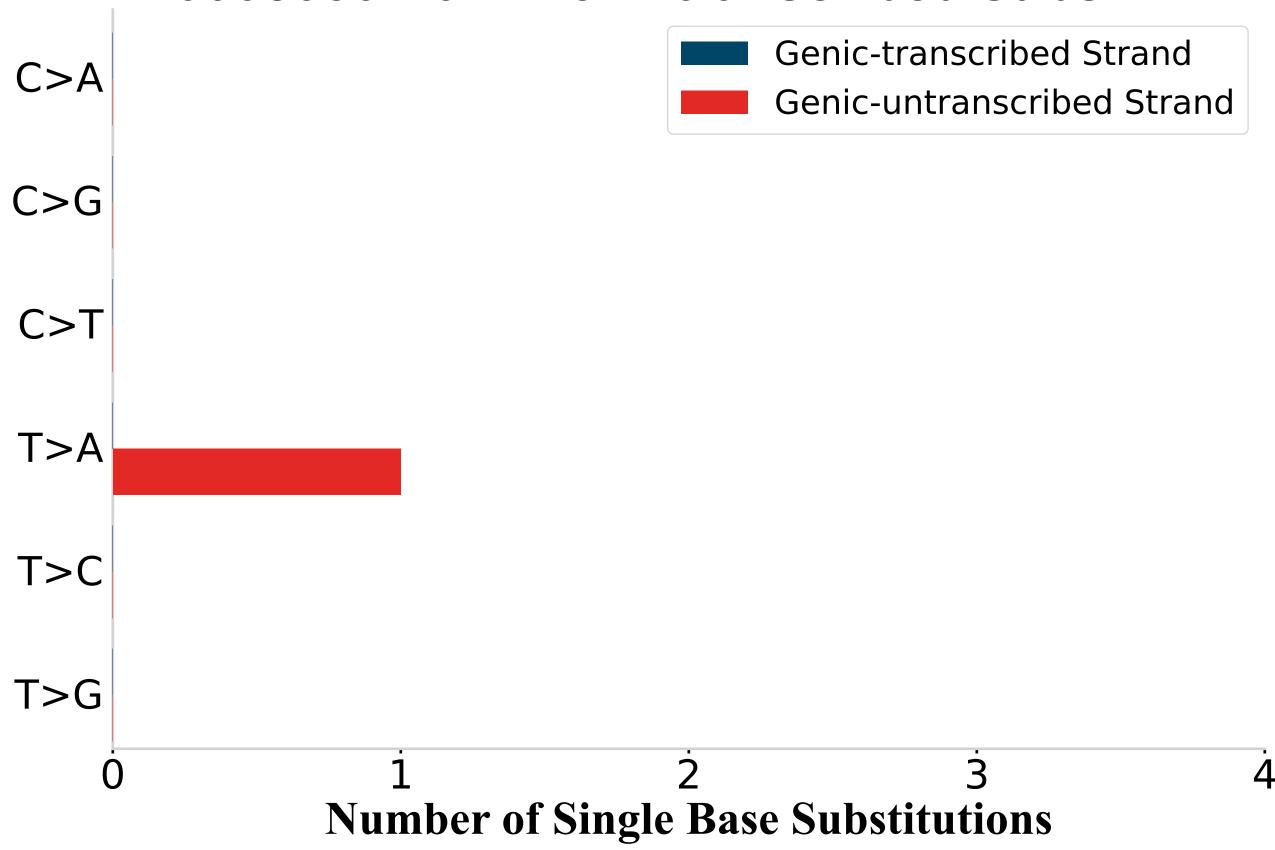
P-0008009-T01-IM5: 10 transcribed subs



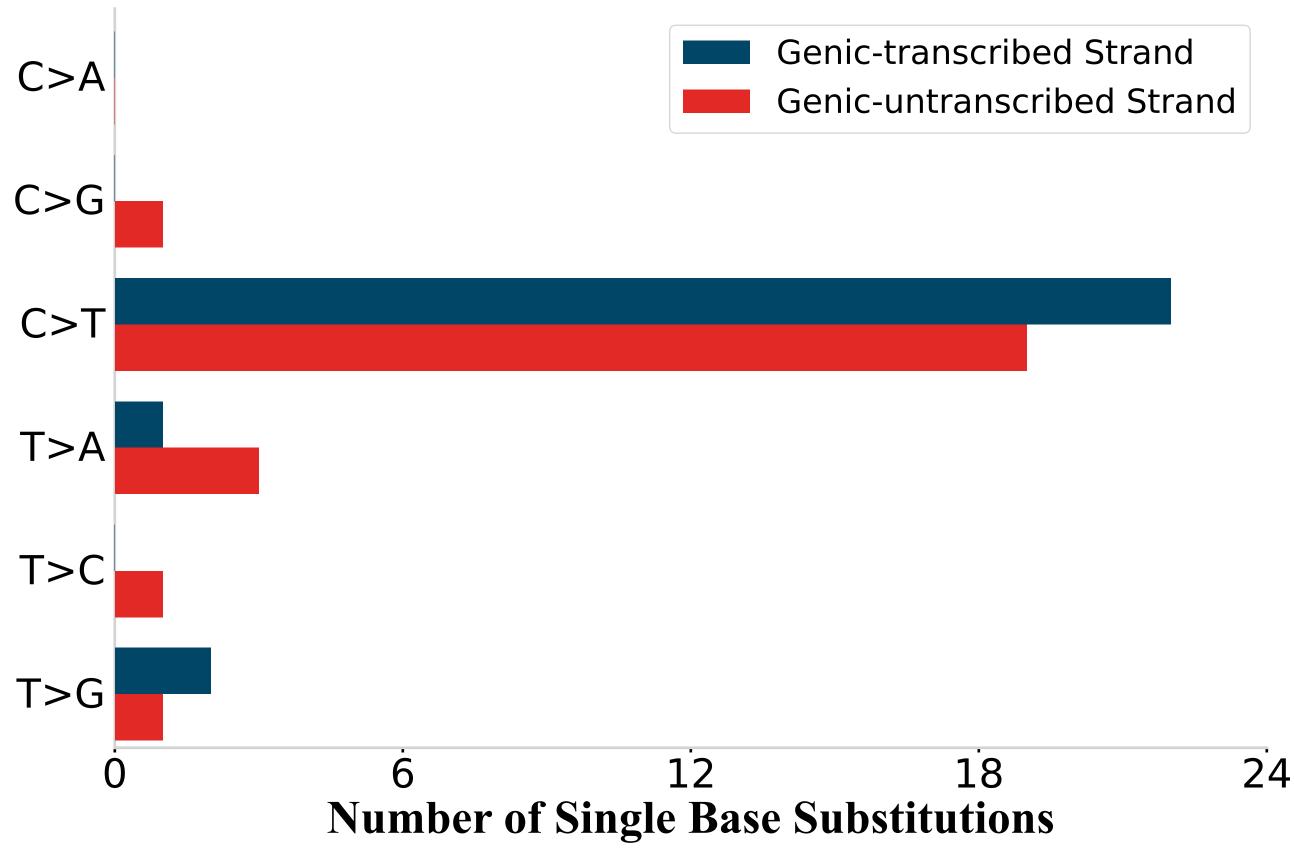
P-0008028-T01-IM5: 4 transcribed subs



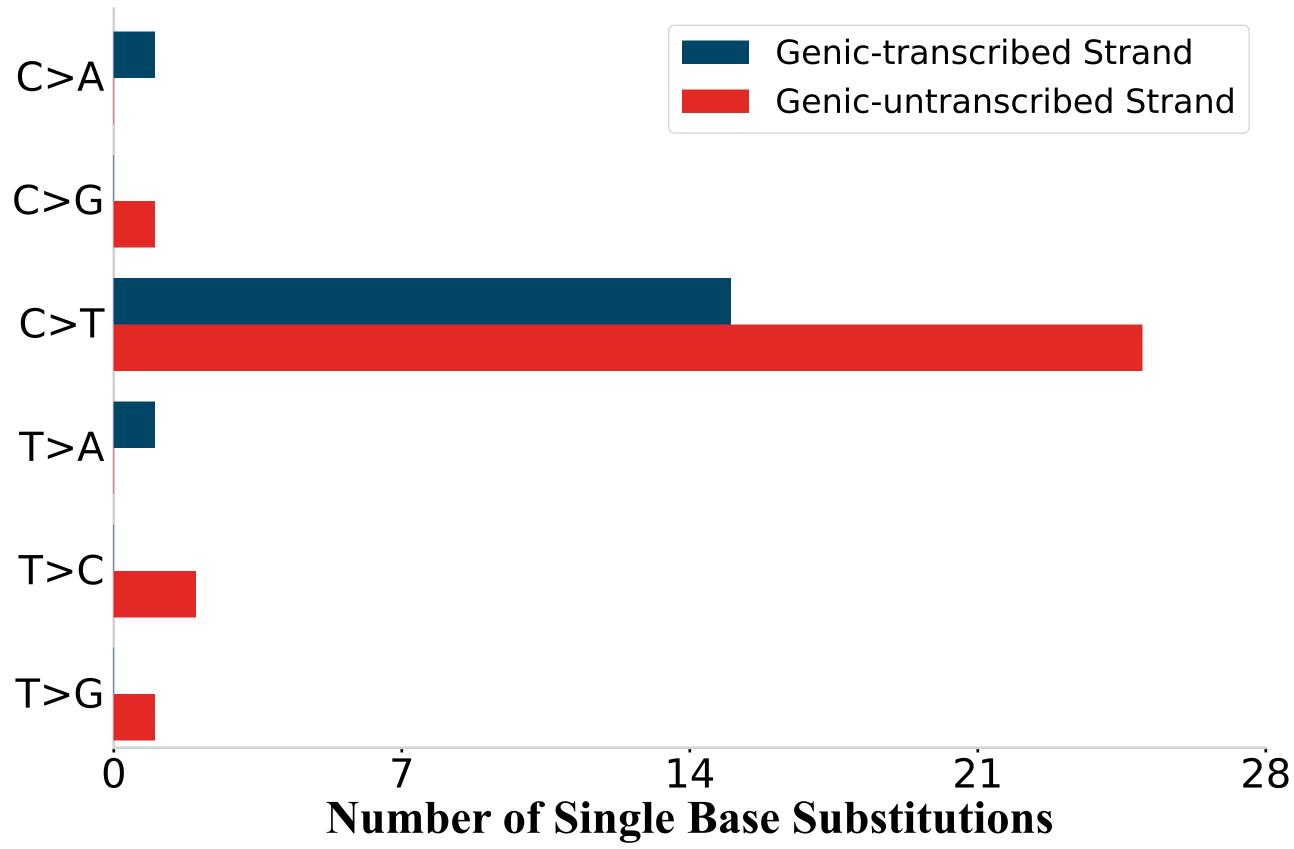
P-0008050-T01-IM5: 1 transcribed subs



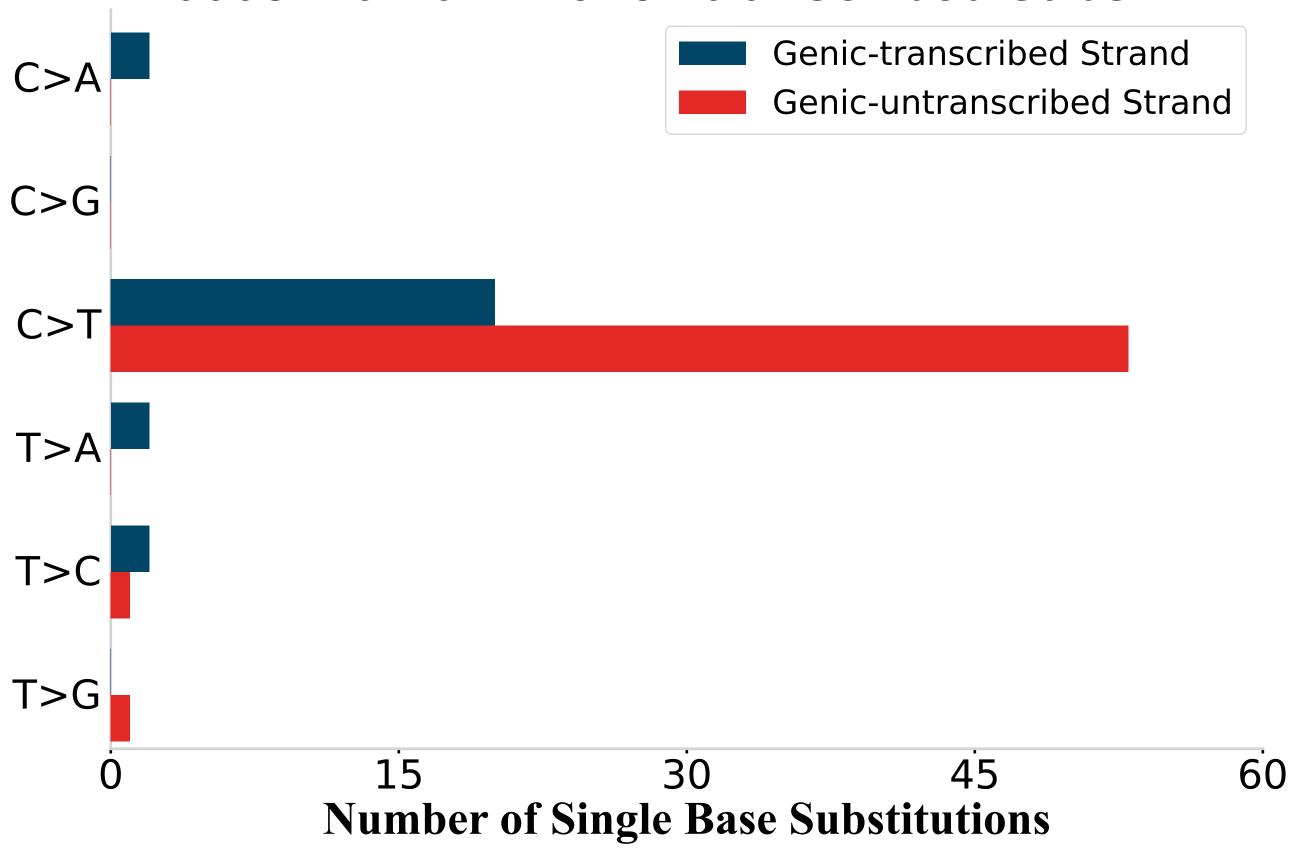
P-0008080-T01-IM5: 50 transcribed subs



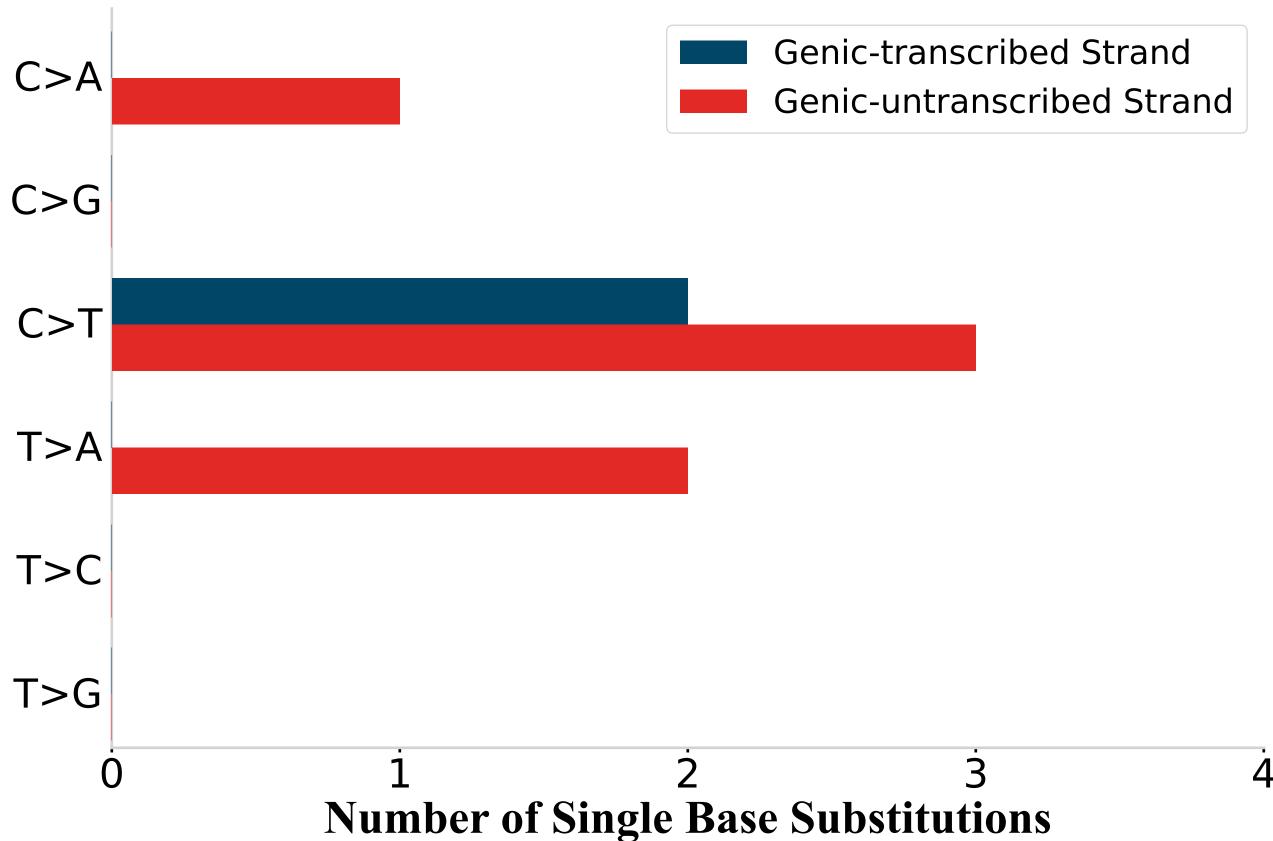
P-0008228-T01-IM5: 46 transcribed subs



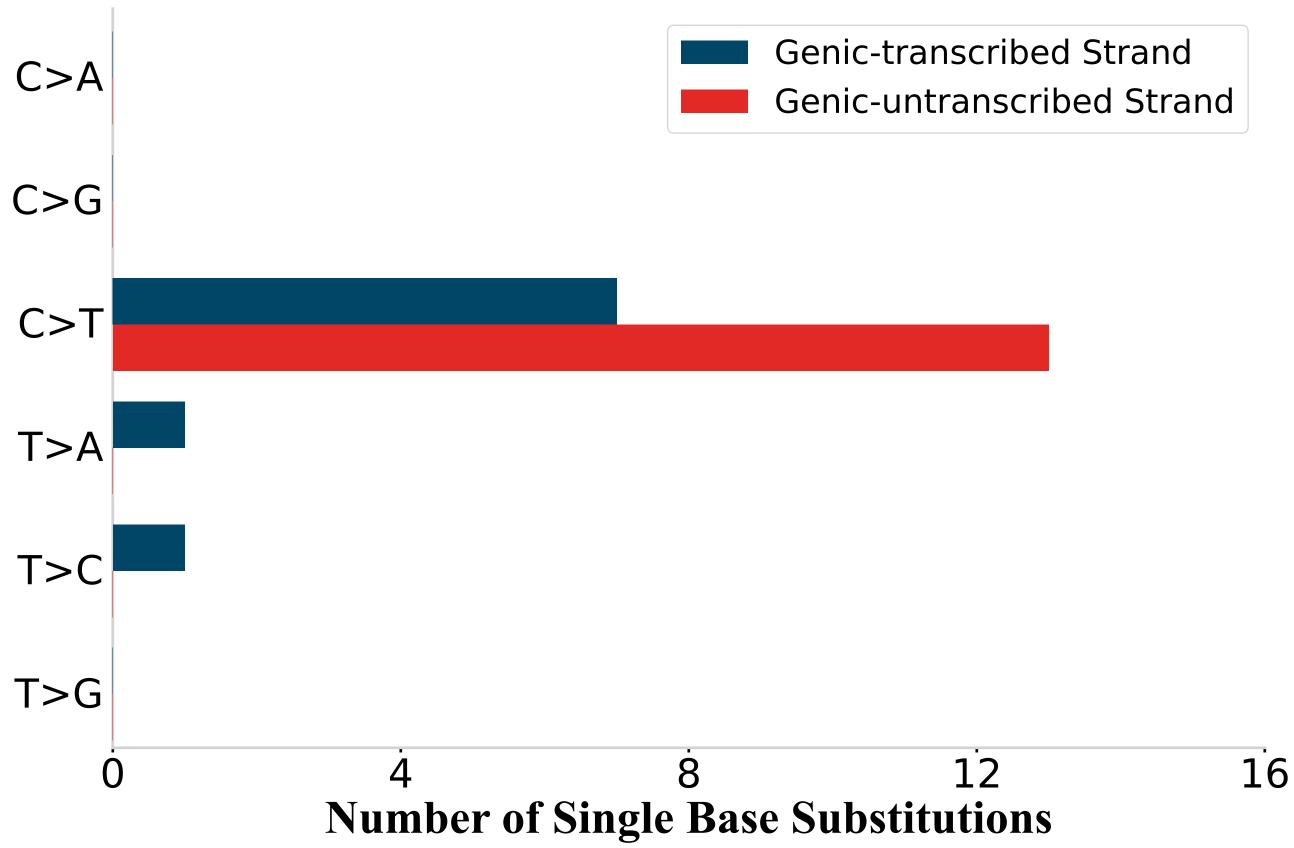
P-0008246-T02-IM5: 81 transcribed subs



P-0008360-T01-IM5: 8 transcribed subs

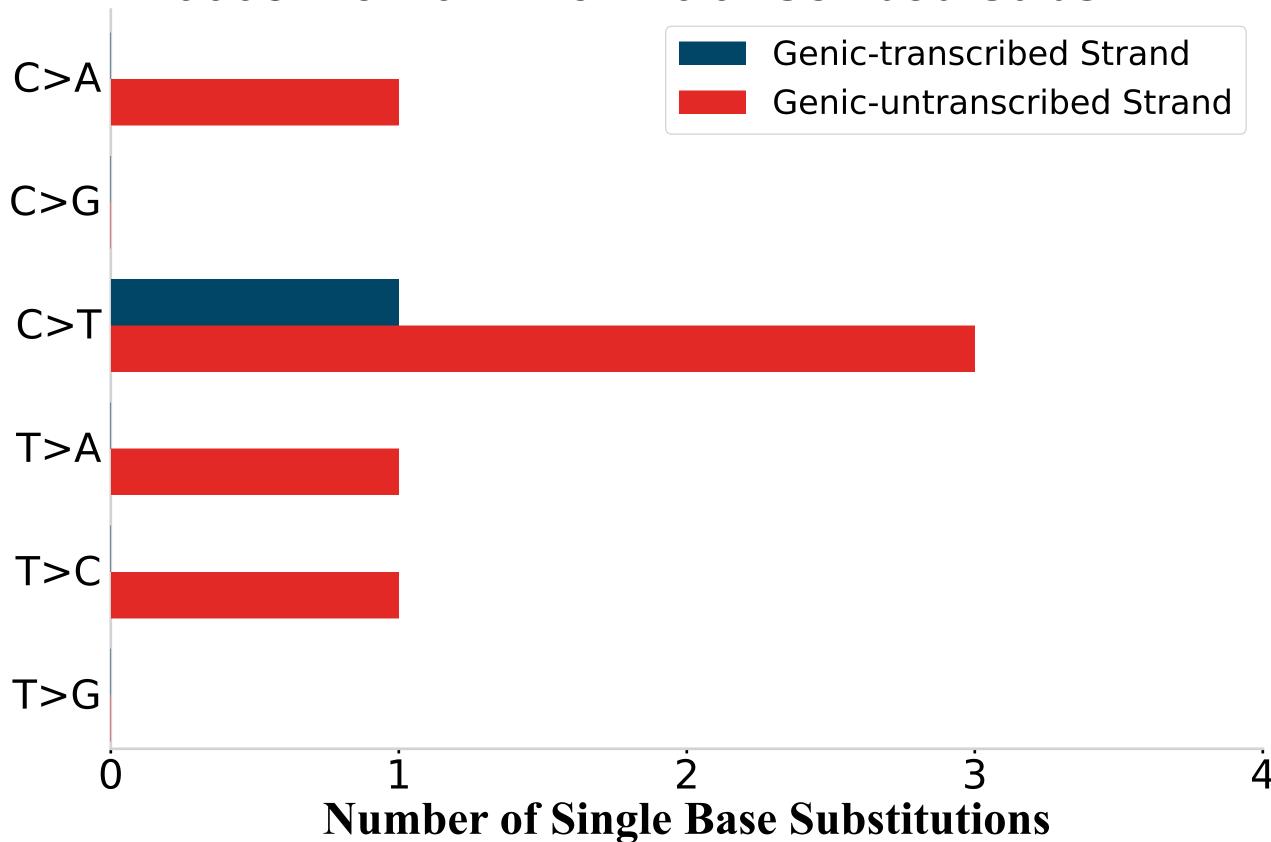


P-0008403-T01-IM5: 22 transcribed subs

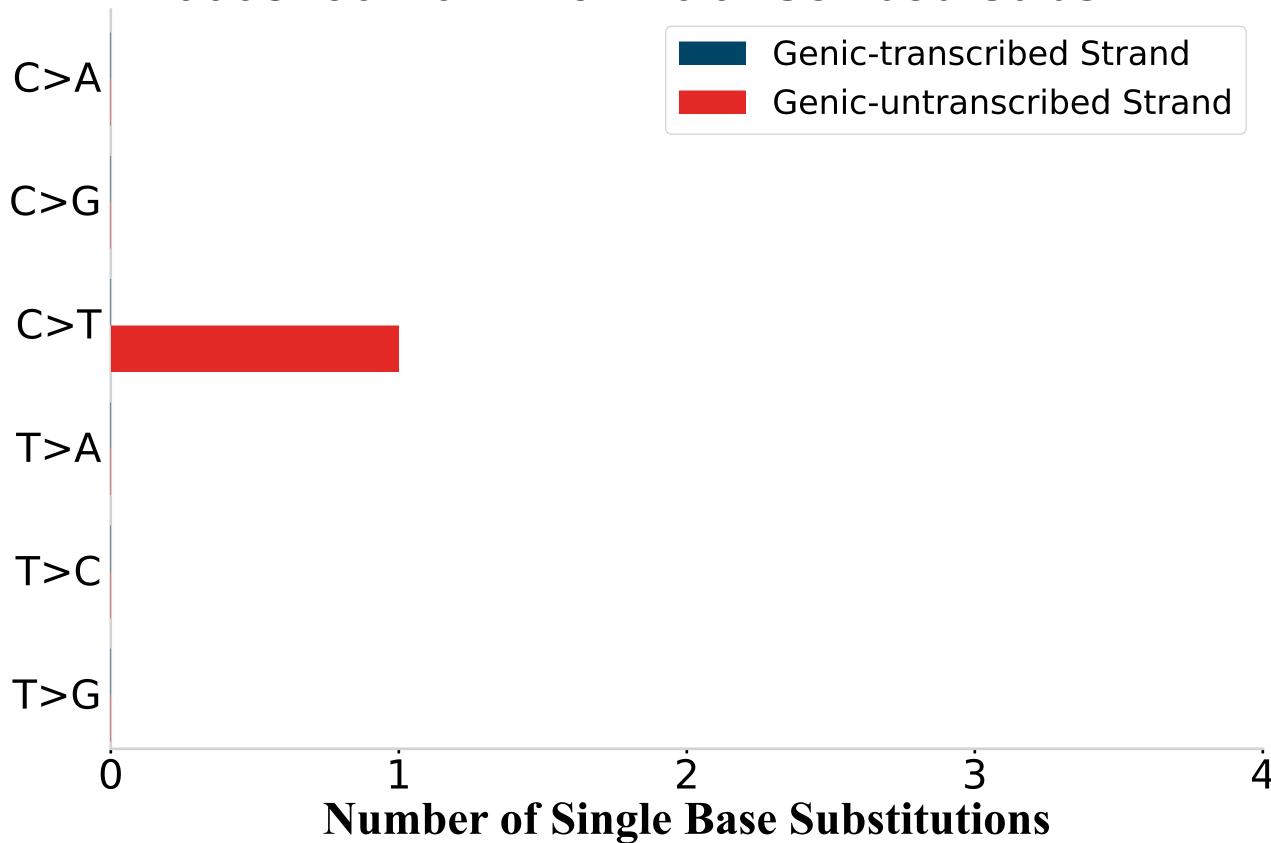


P-0008434-T01-IM5: 54 transcribed subs Genic-transcribed Strand C>A Genic-untranscribed Strand C>G C>T T>A T>C T>G 14 21 28 **Number of Single Base Substitutions**

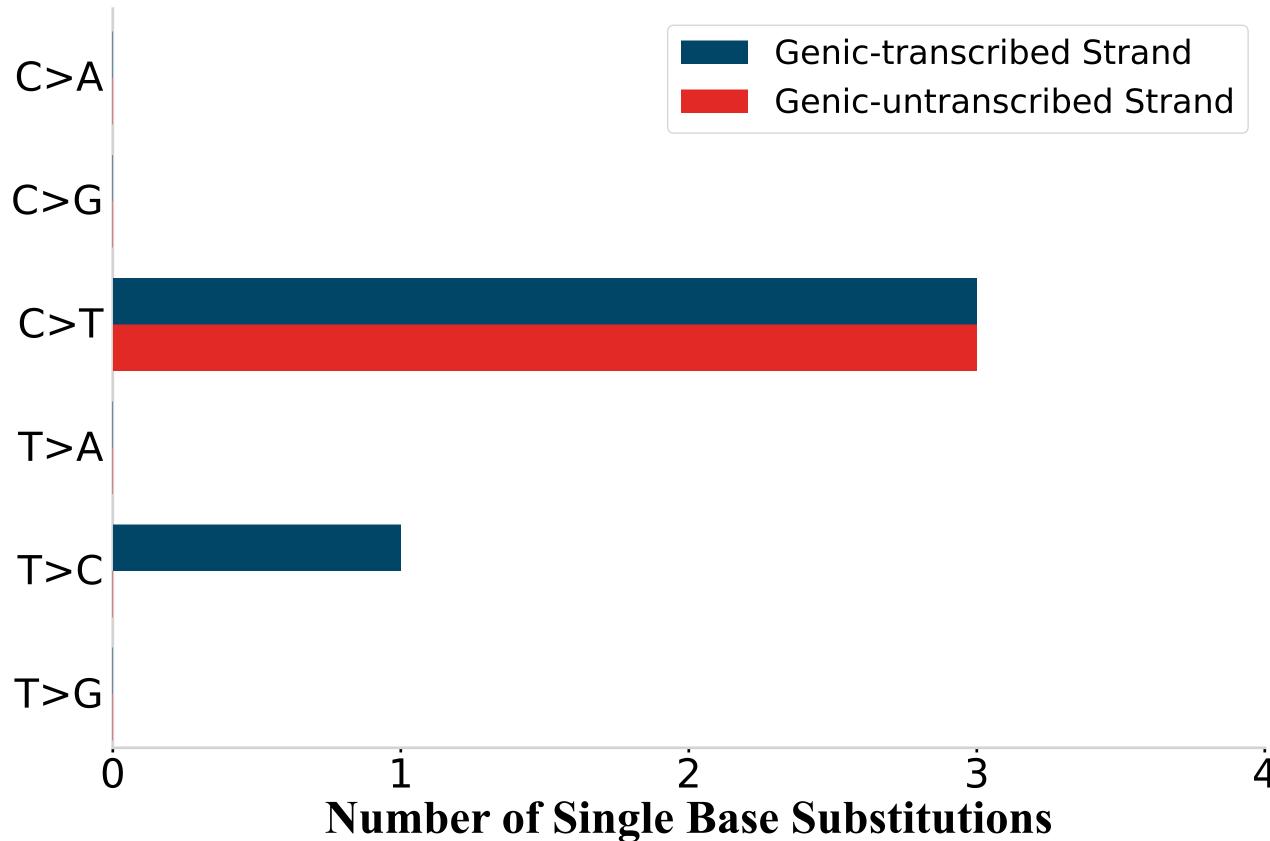
P-0008445-T01-IM5: 7 transcribed subs



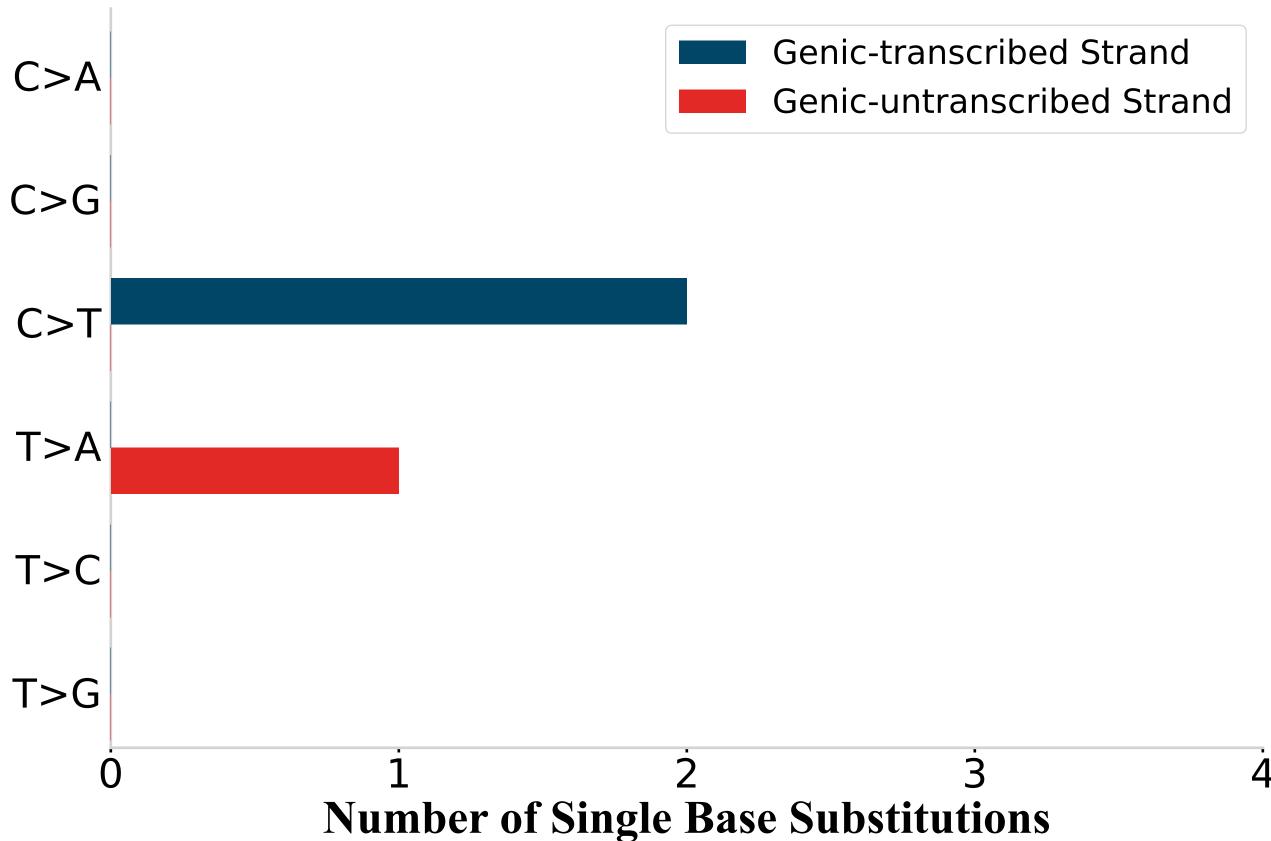
P-0008450-T01-IM5: 1 transcribed subs



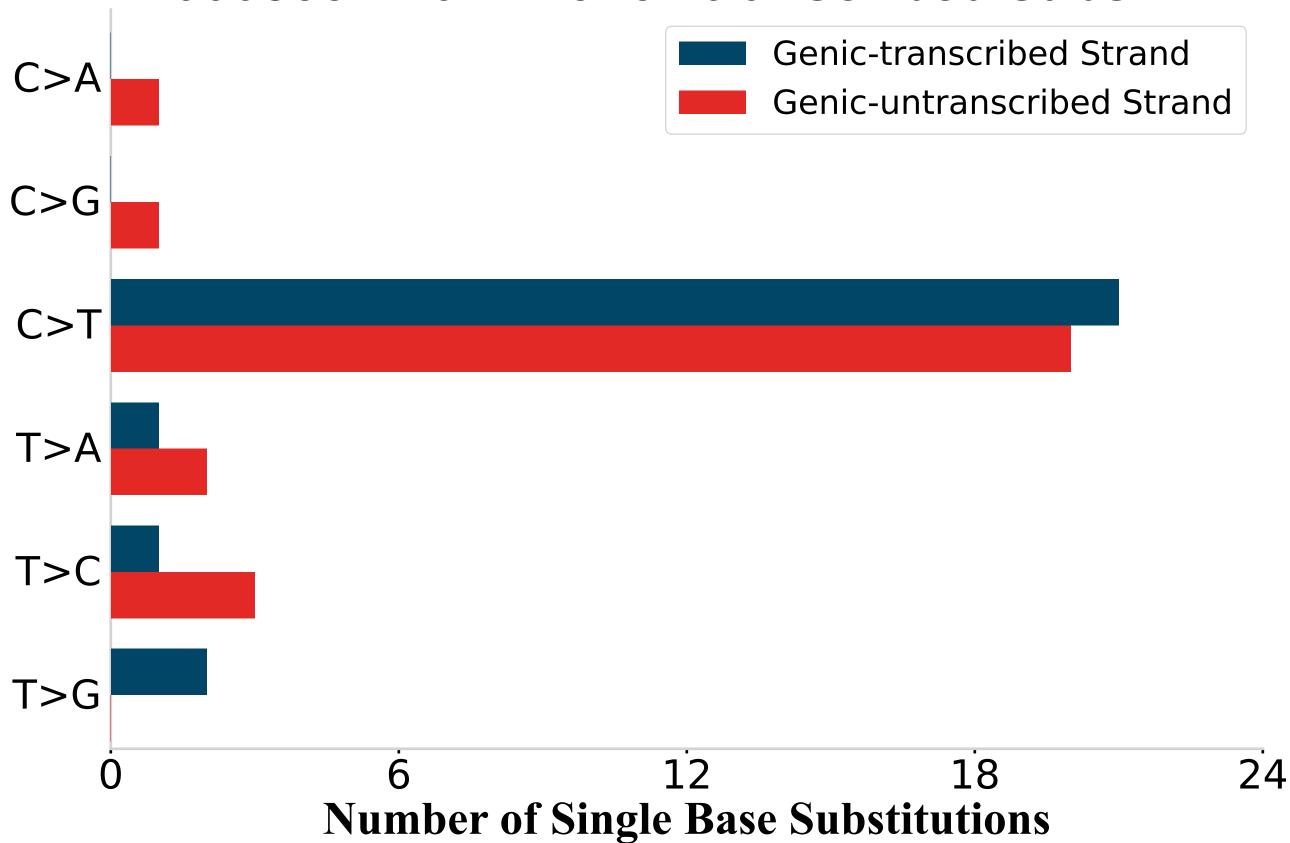
P-0008490-T01-IM5: 7 transcribed subs



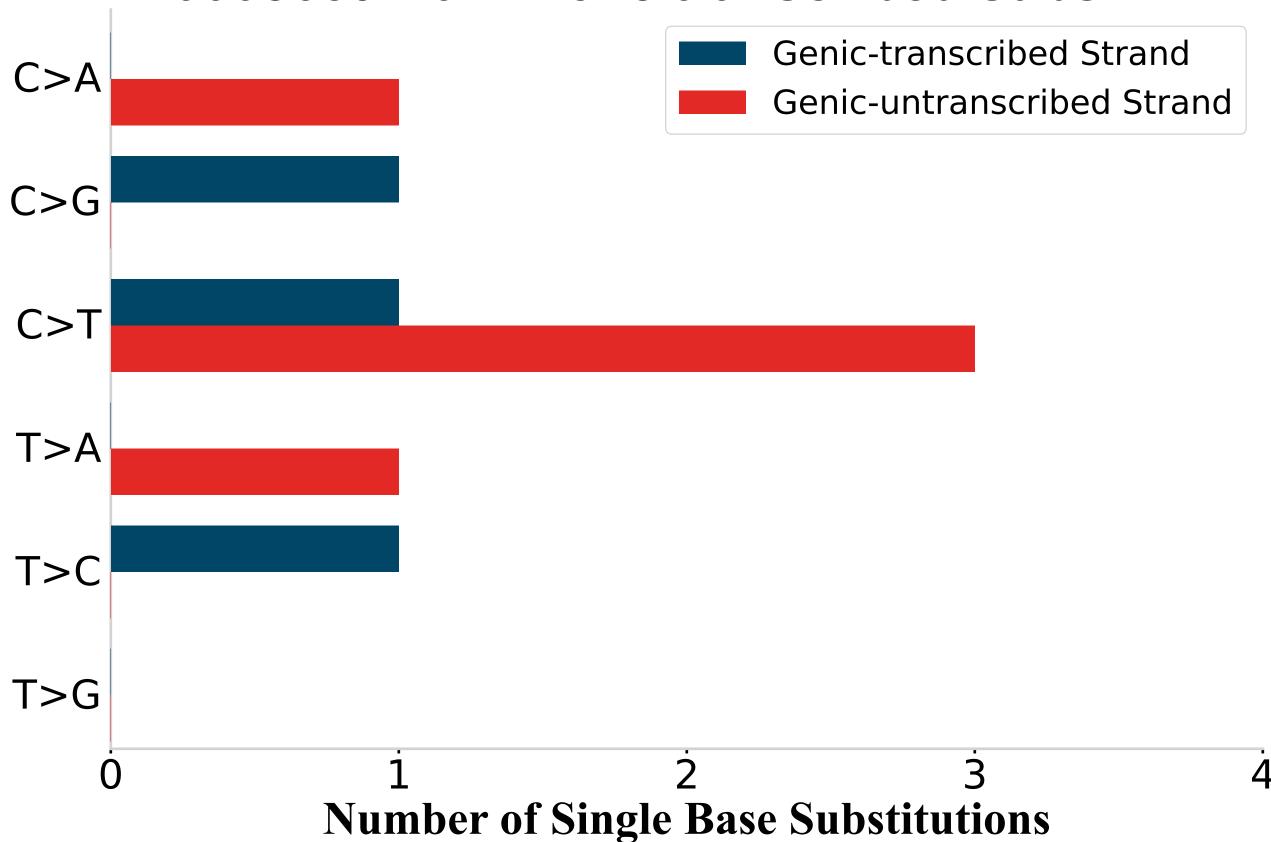
P-0008492-T02-IM5: 3 transcribed subs



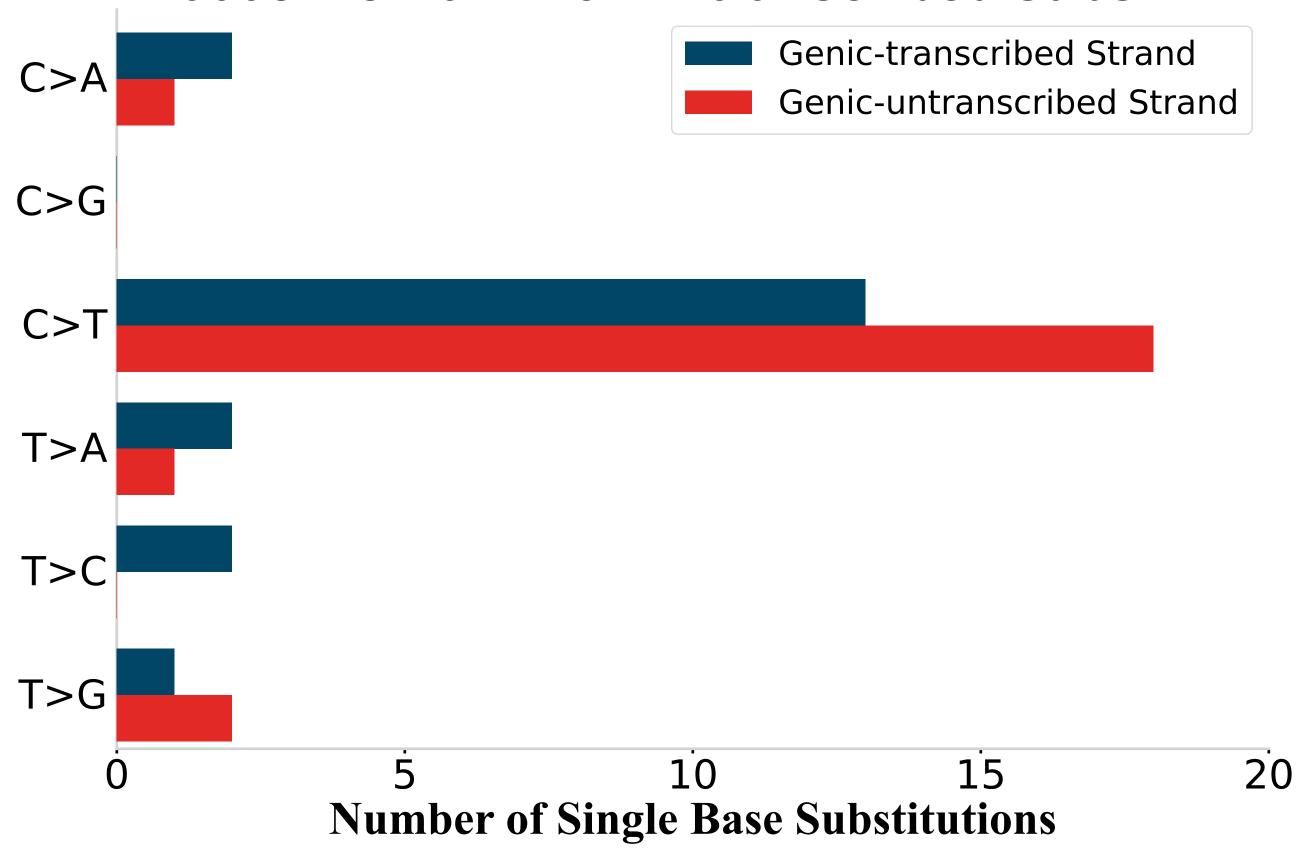
P-0008557-T02-IM5: 52 transcribed subs



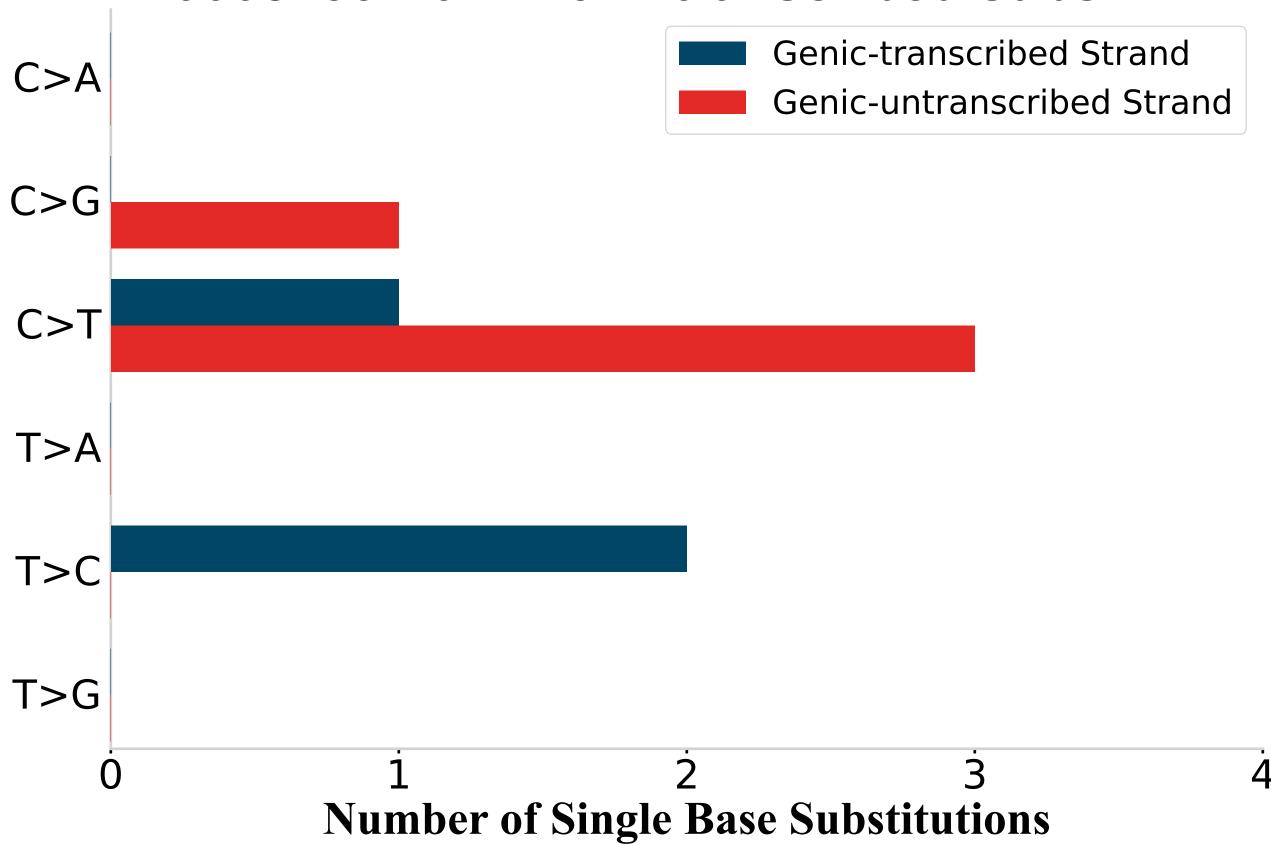
P-0008659-T01-IM5: 8 transcribed subs



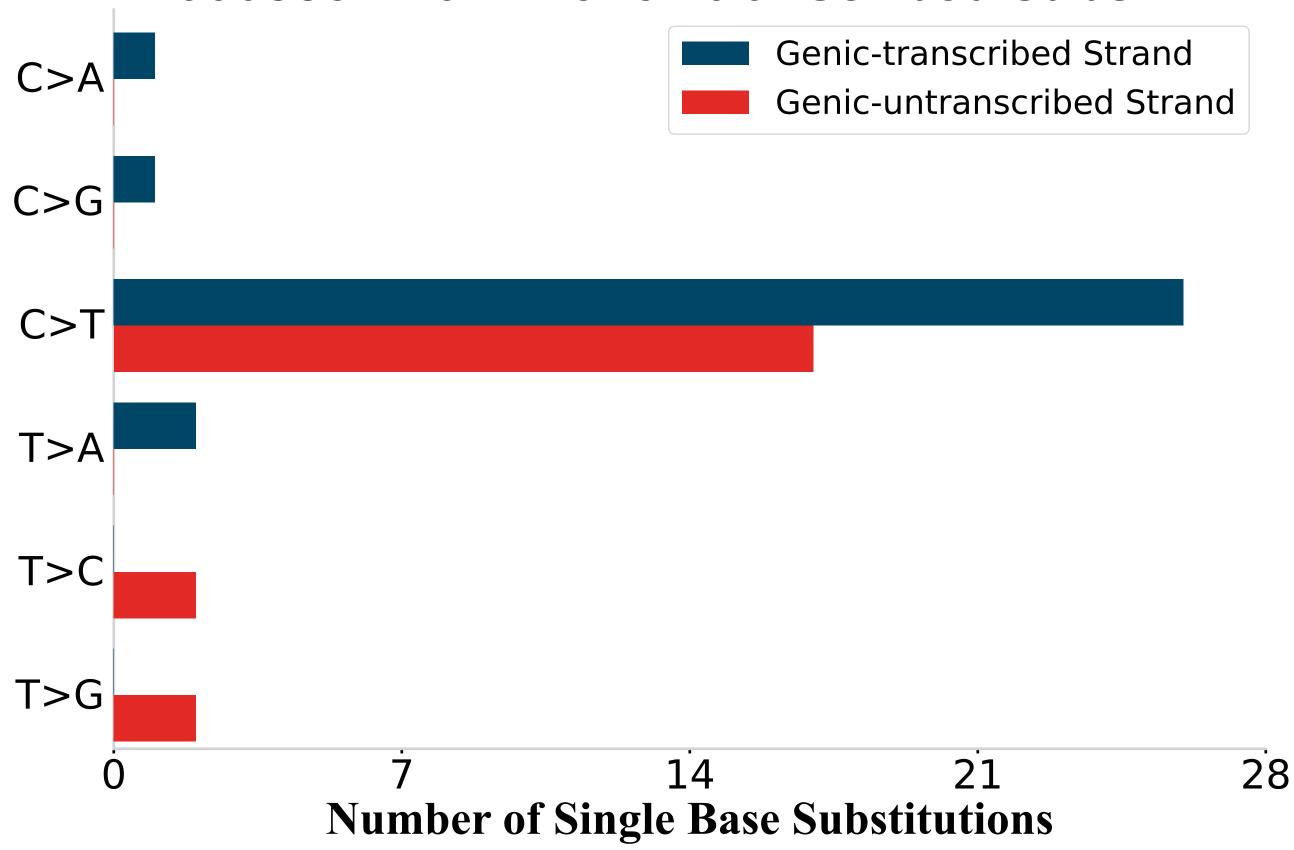
P-0008728-T01-IM5: 42 transcribed subs



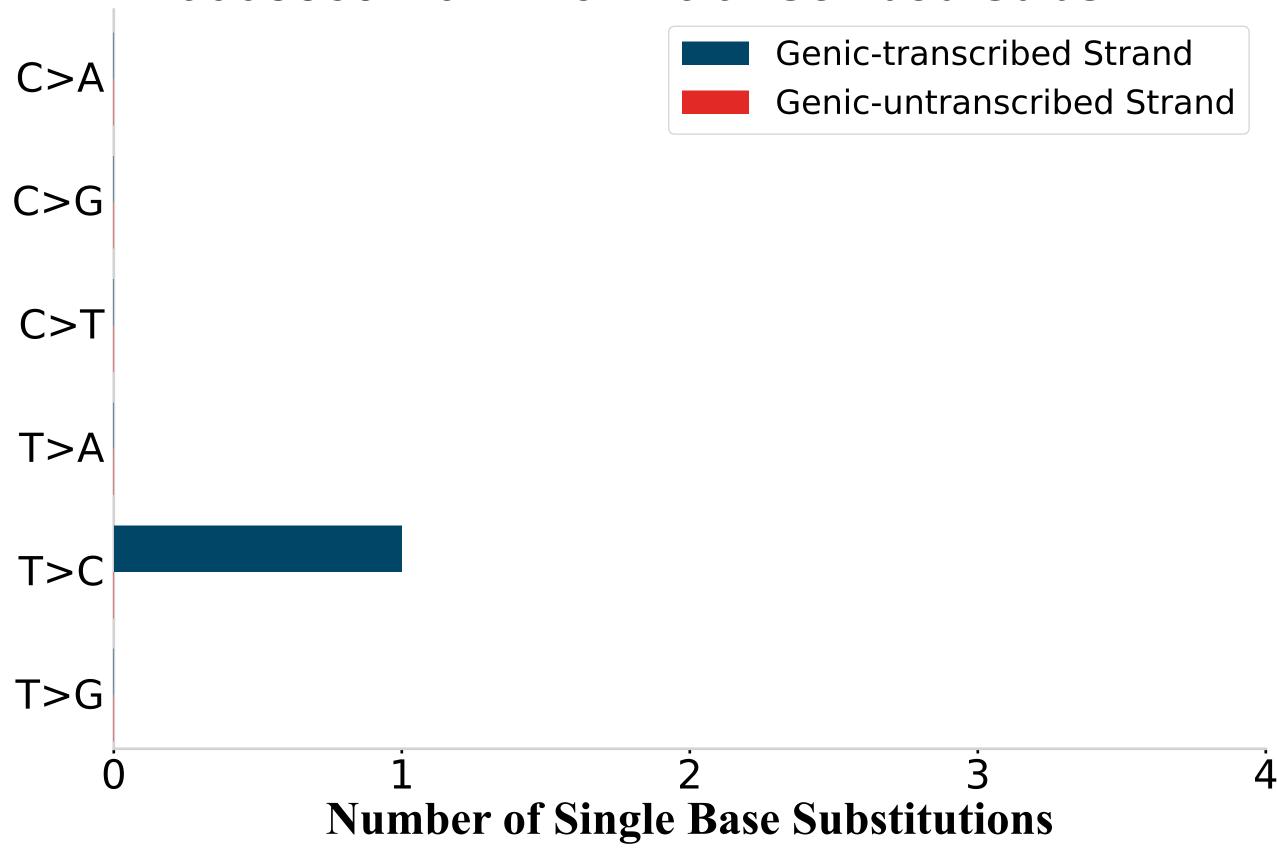
P-0008733-T01-IM5: 7 transcribed subs



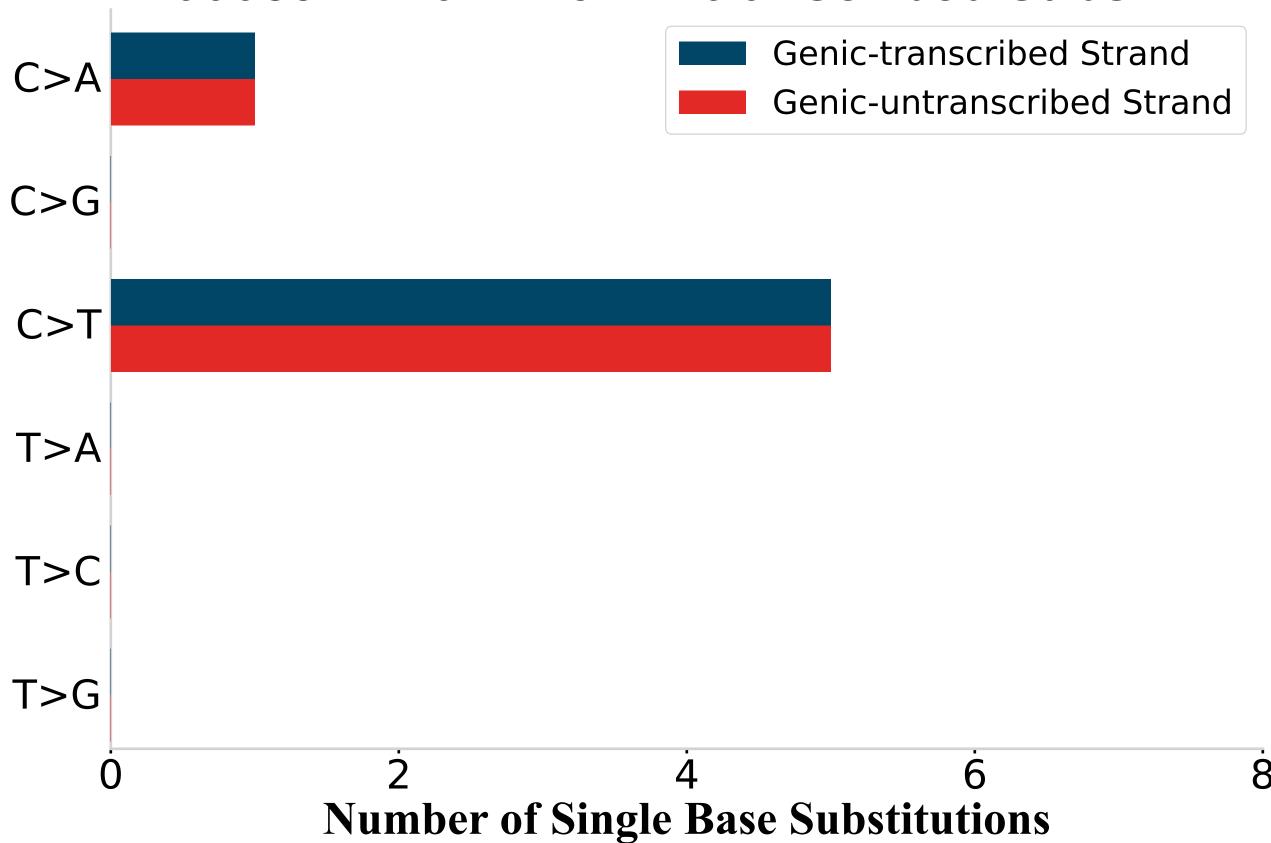
P-0008857-T01-IM5: 51 transcribed subs



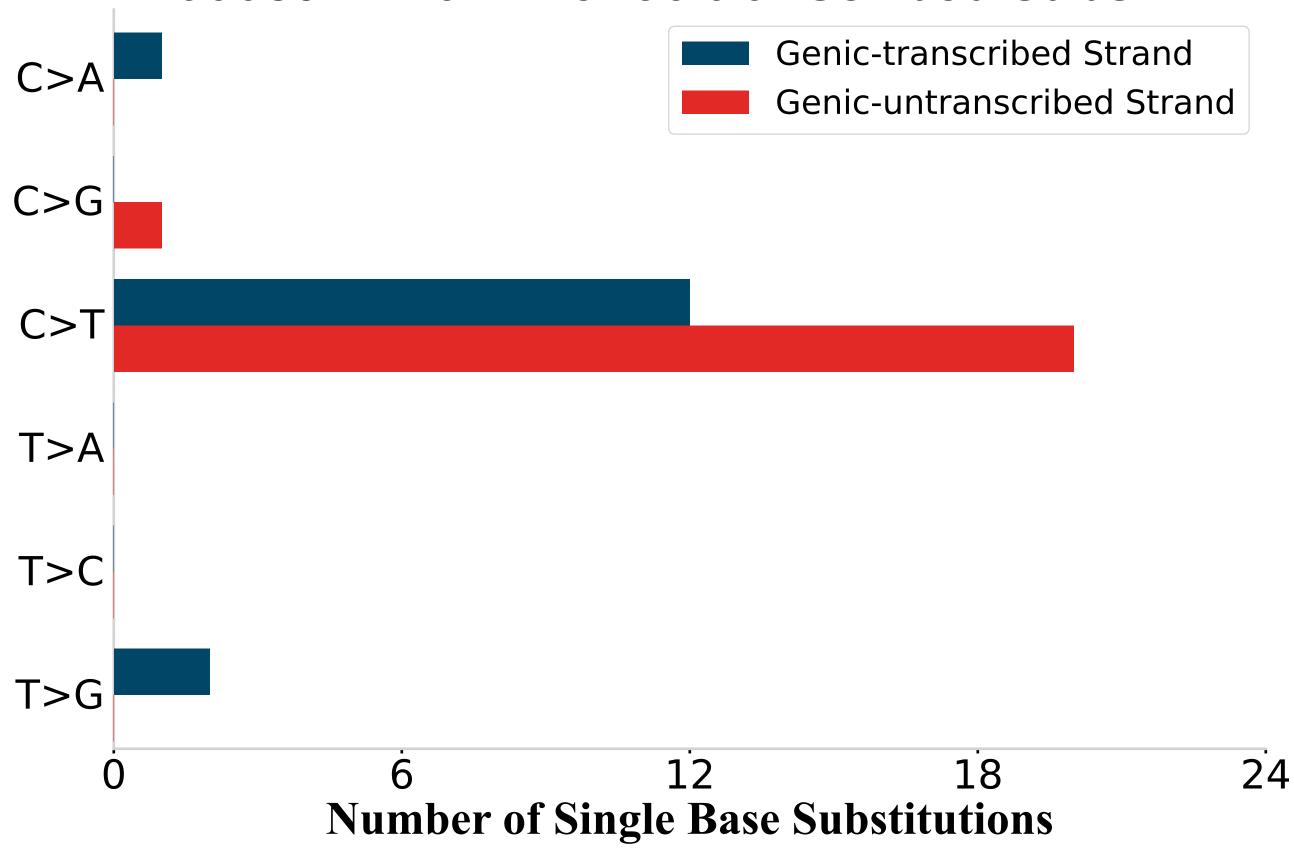
P-0008859-T01-IM5: 1 transcribed subs



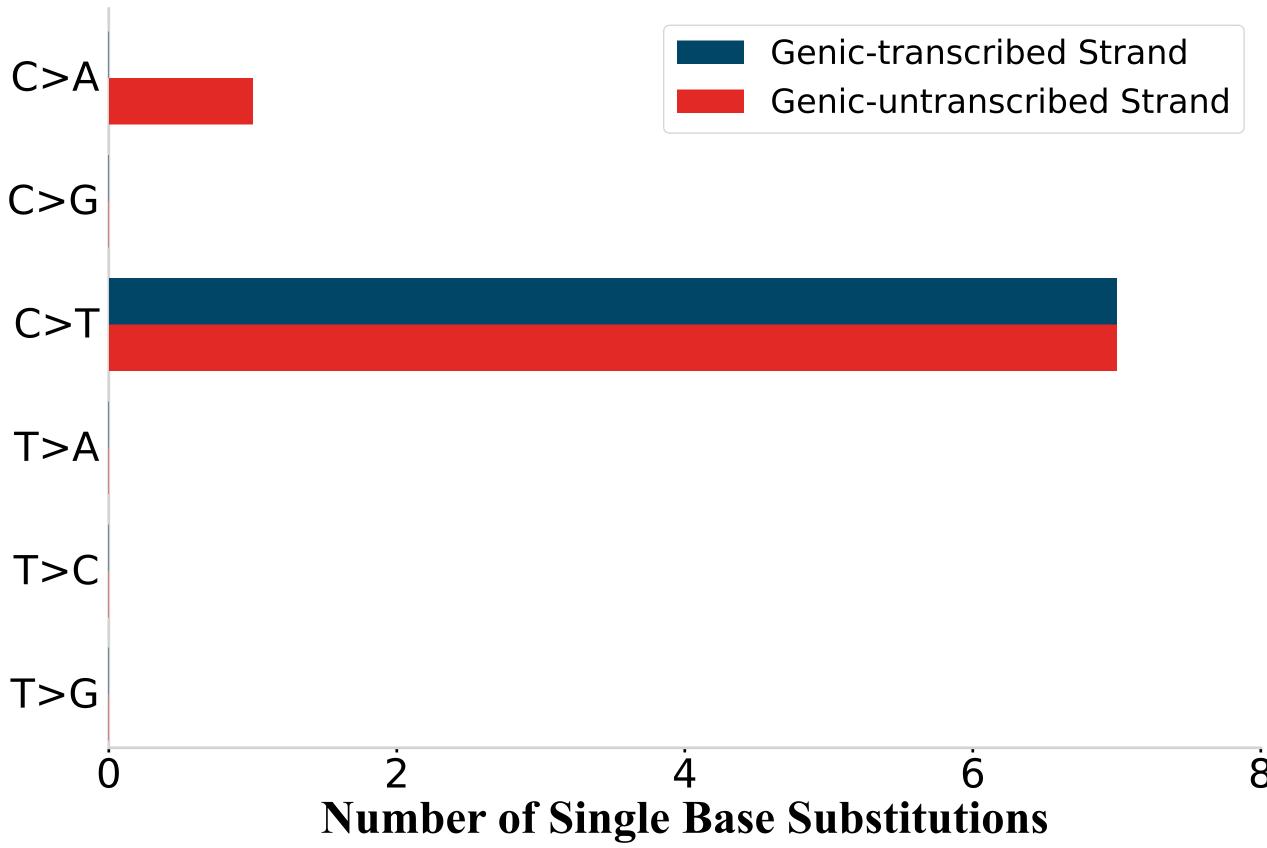
P-0008912-T01-IM5: 12 transcribed subs



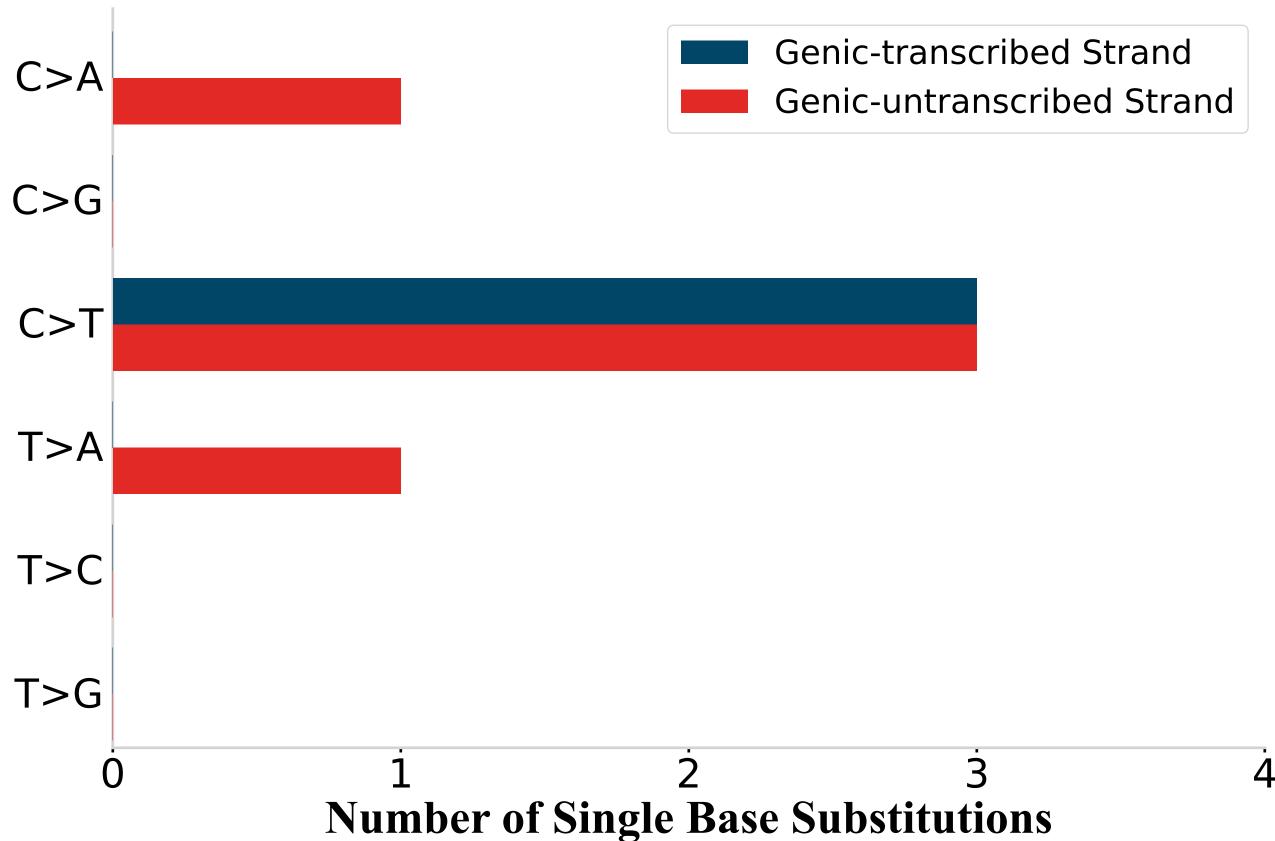
P-0008942-T01-IM5: 36 transcribed subs



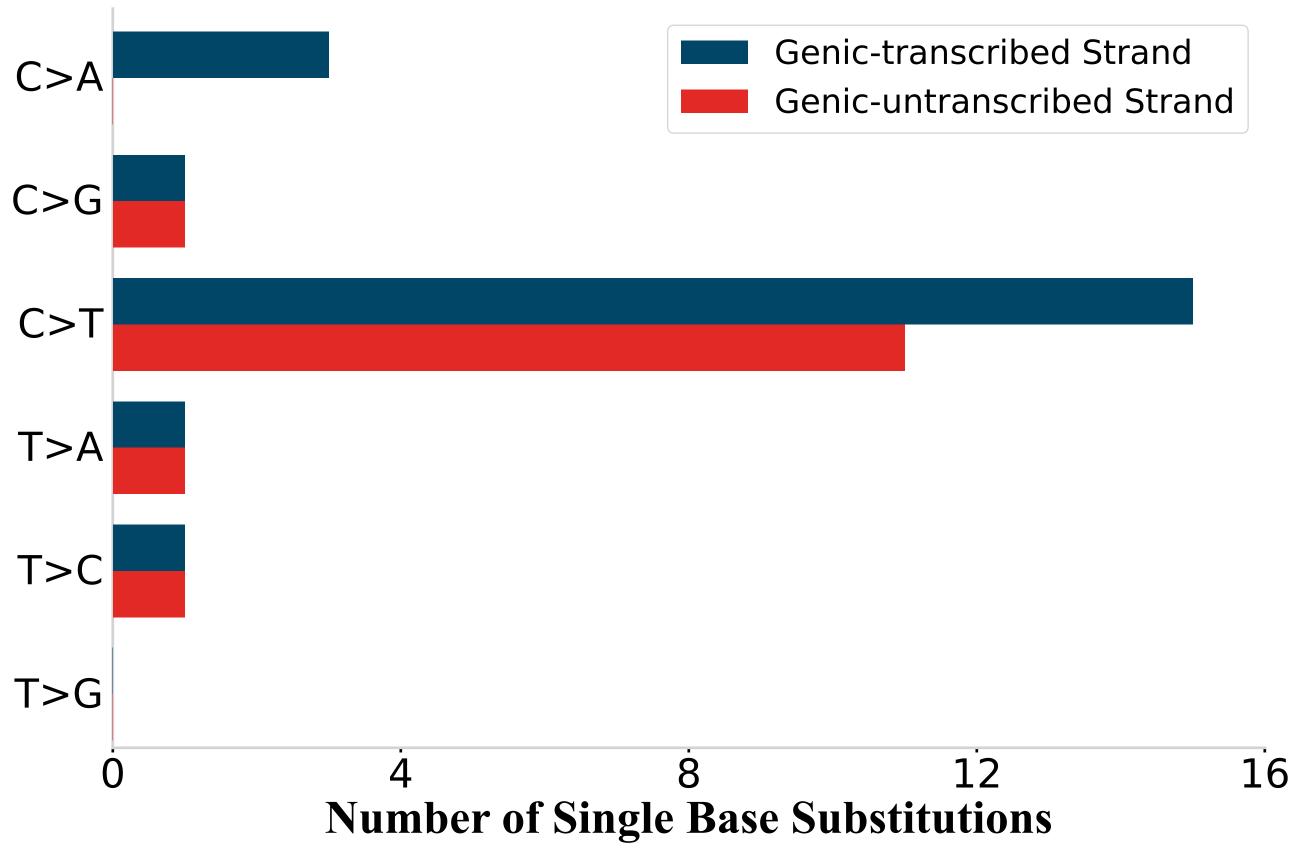
P-0008946-T01-IM5: 15 transcribed subs



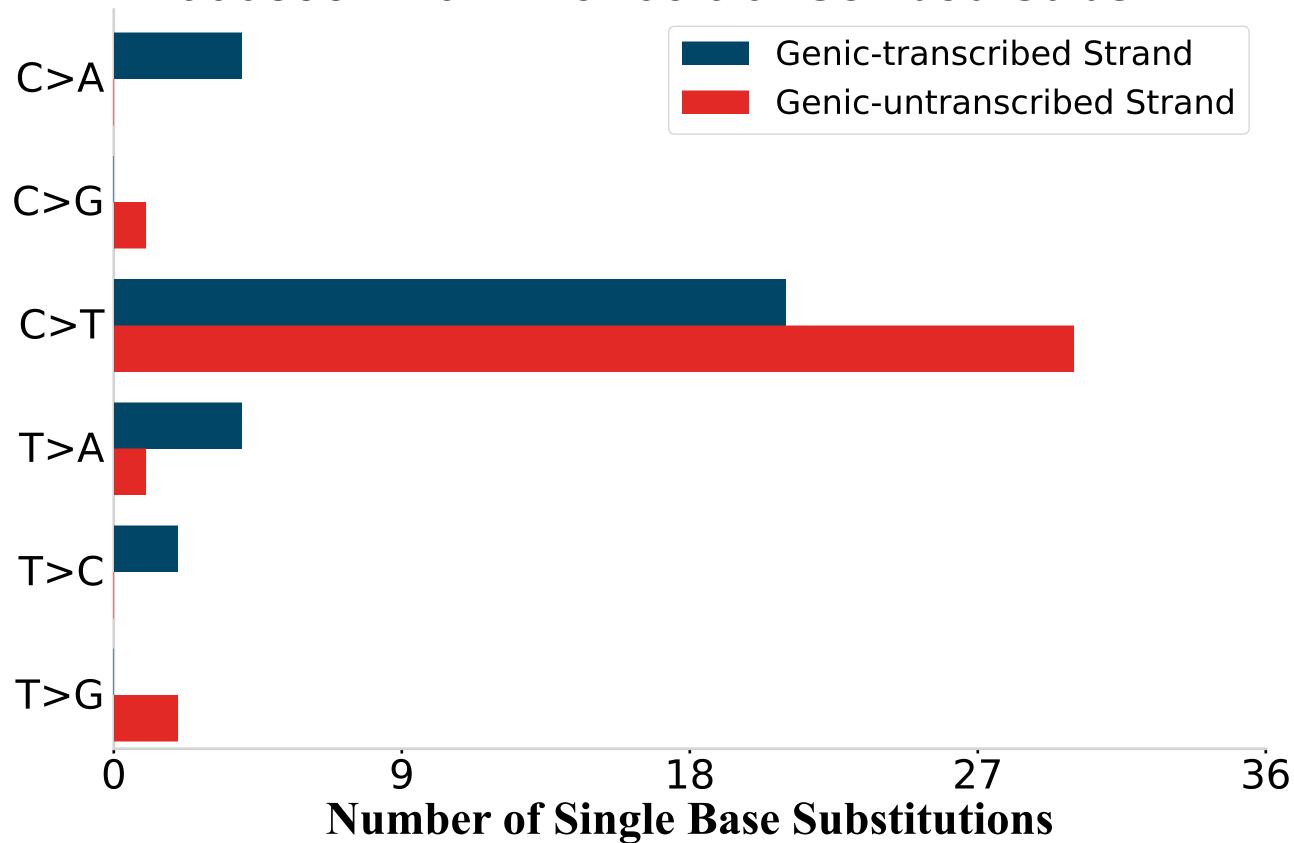
P-0008963-T01-IM5: 8 transcribed subs



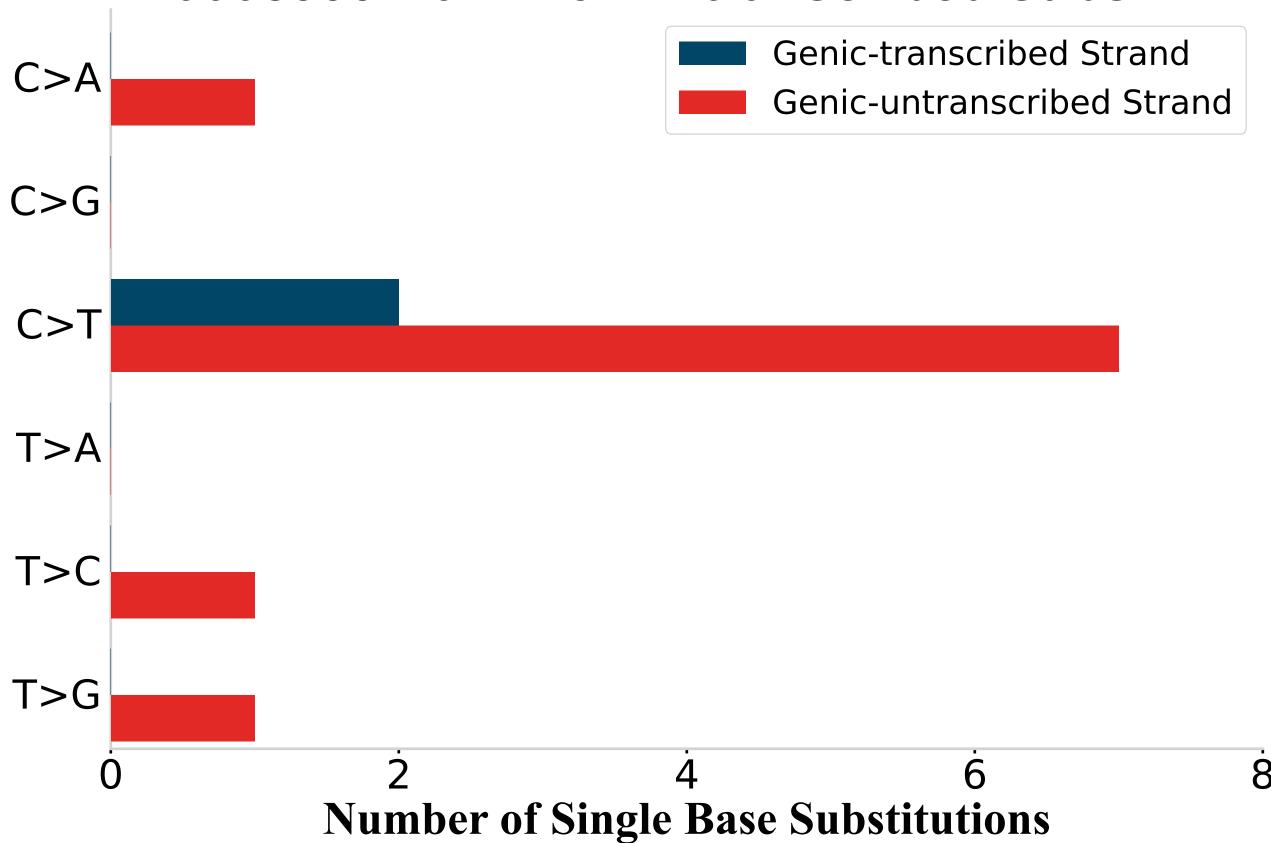
P-0008974-T01-IM5: 35 transcribed subs



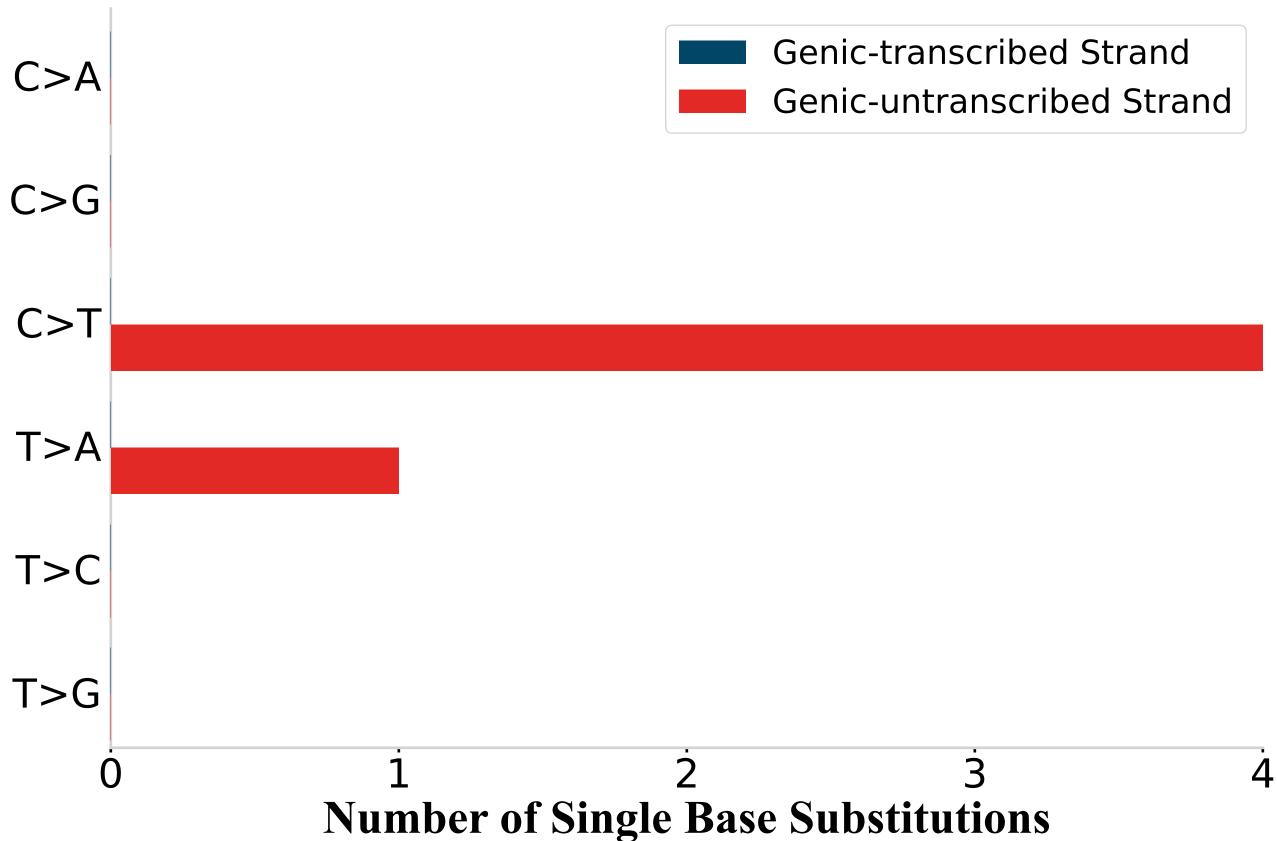
P-0008997-T01-IM5: 65 transcribed subs



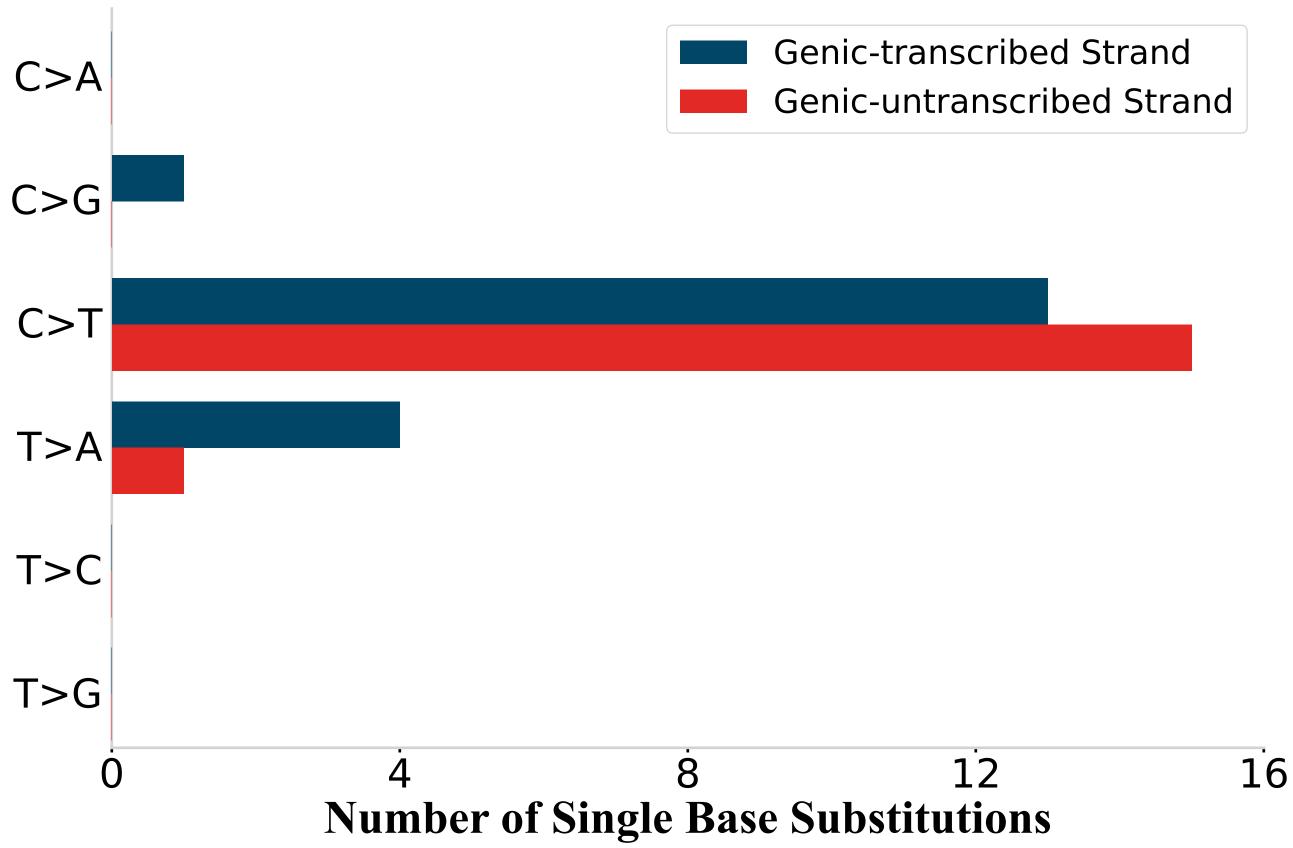
P-0008999-T01-IM5: 12 transcribed subs



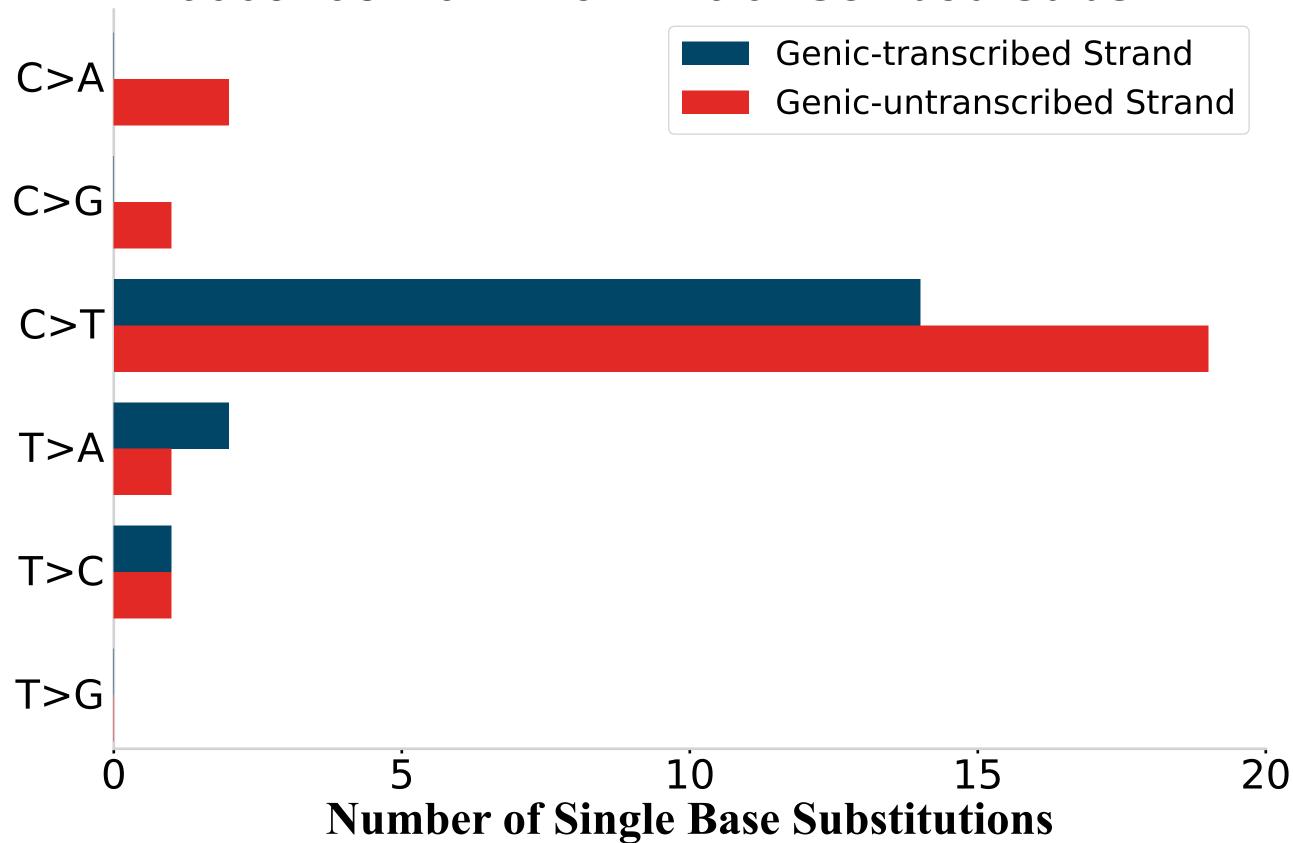
P-0009072-T01-IM5: 5 transcribed subs



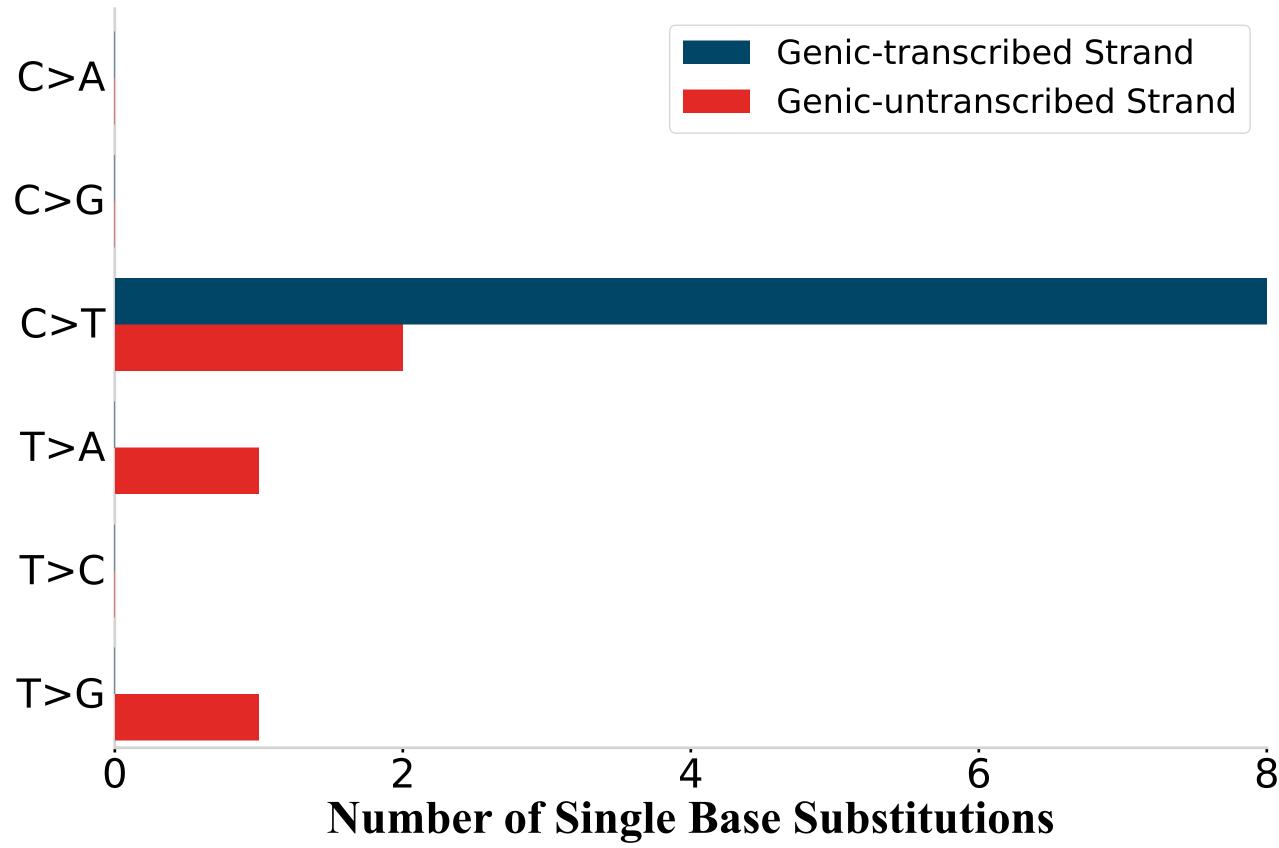
P-0009105-T01-IM5: 34 transcribed subs



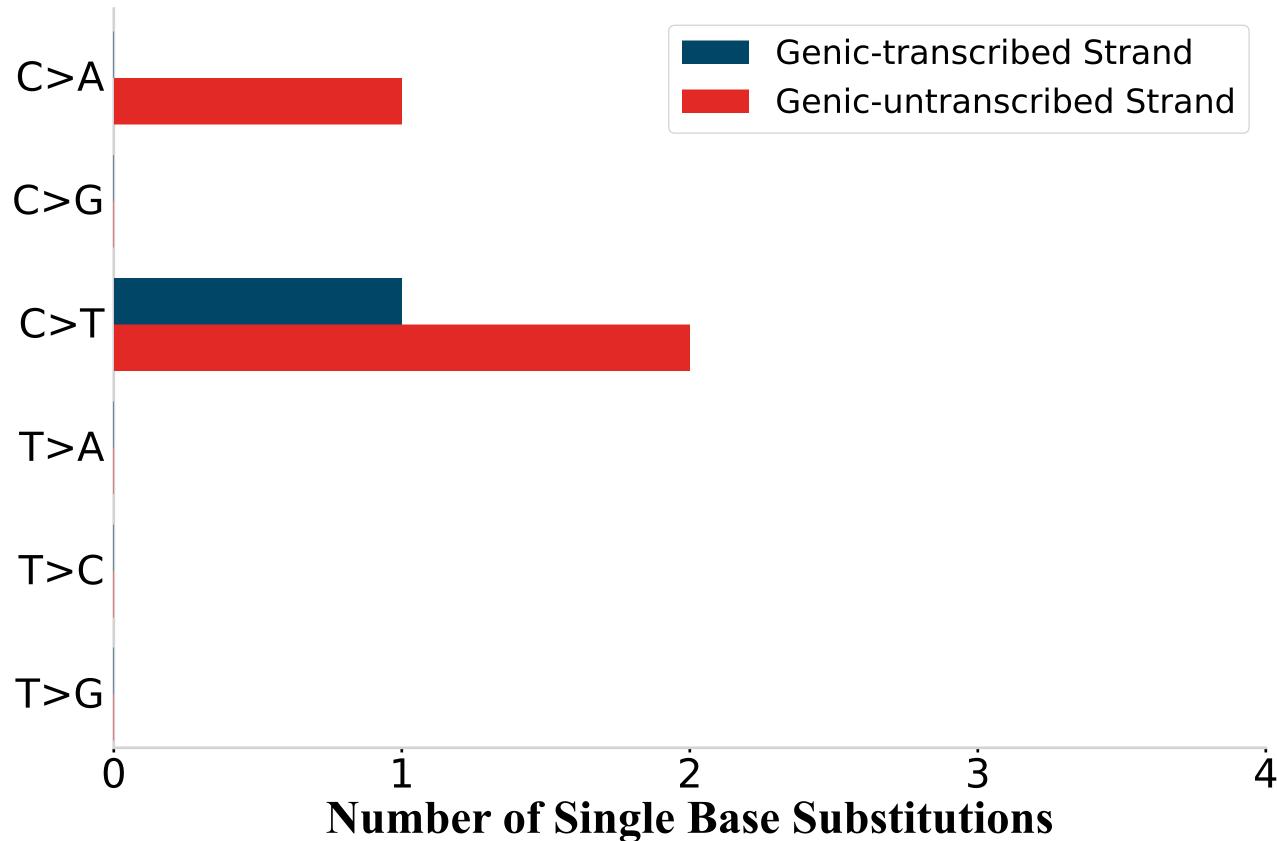
P-0009108-T01-IM5: 41 transcribed subs



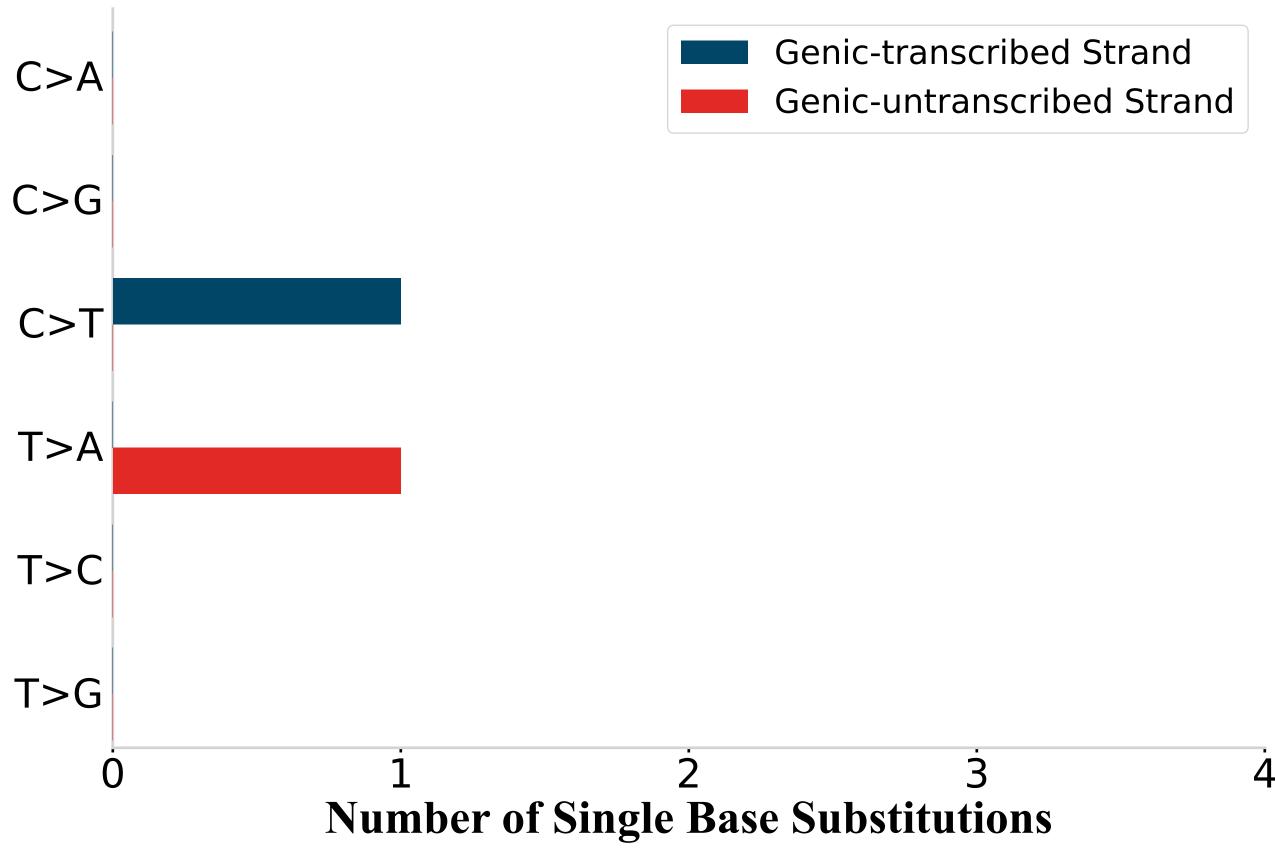
P-0009148-T01-IM5: 12 transcribed subs



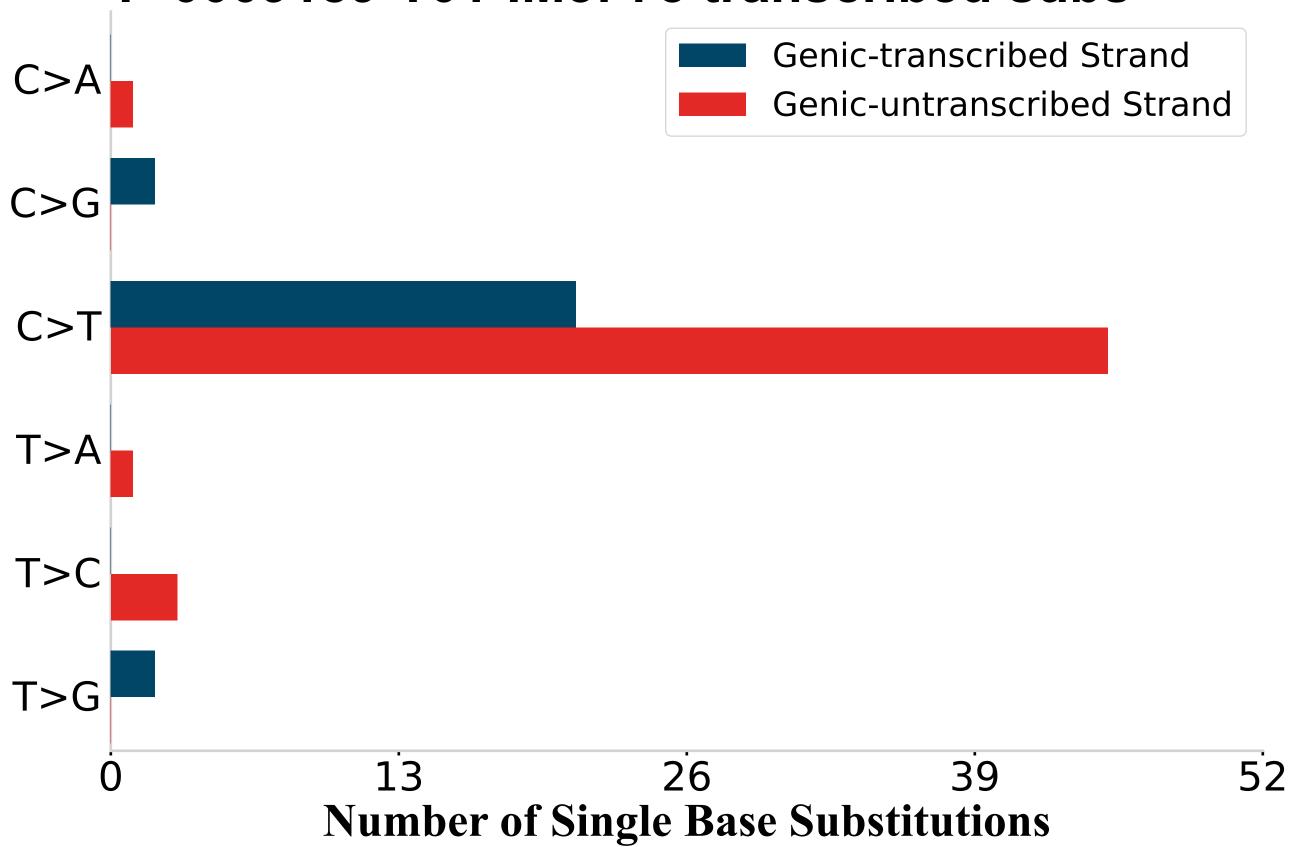
P-0009177-T01-IM5: 4 transcribed subs



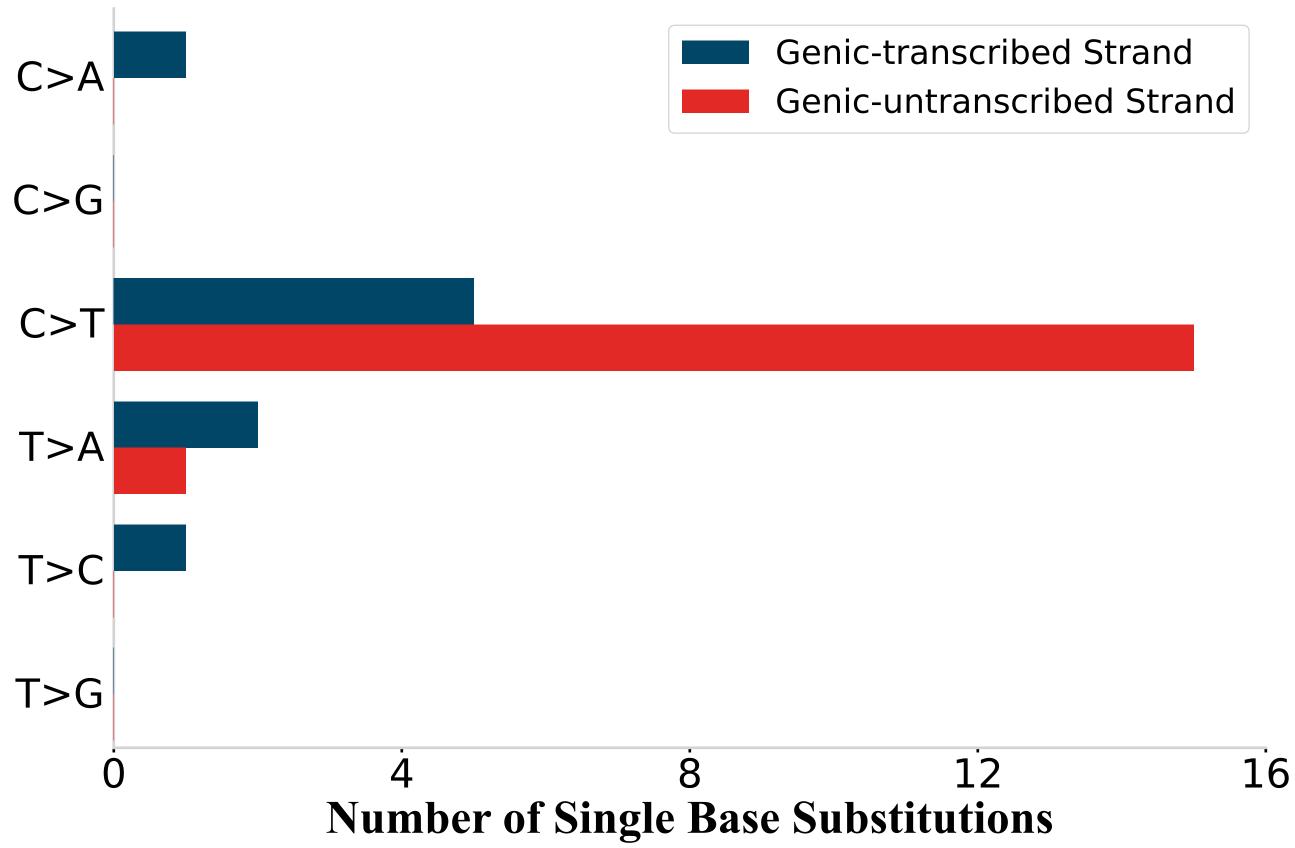
P-0009180-T01-IM5: 2 transcribed subs



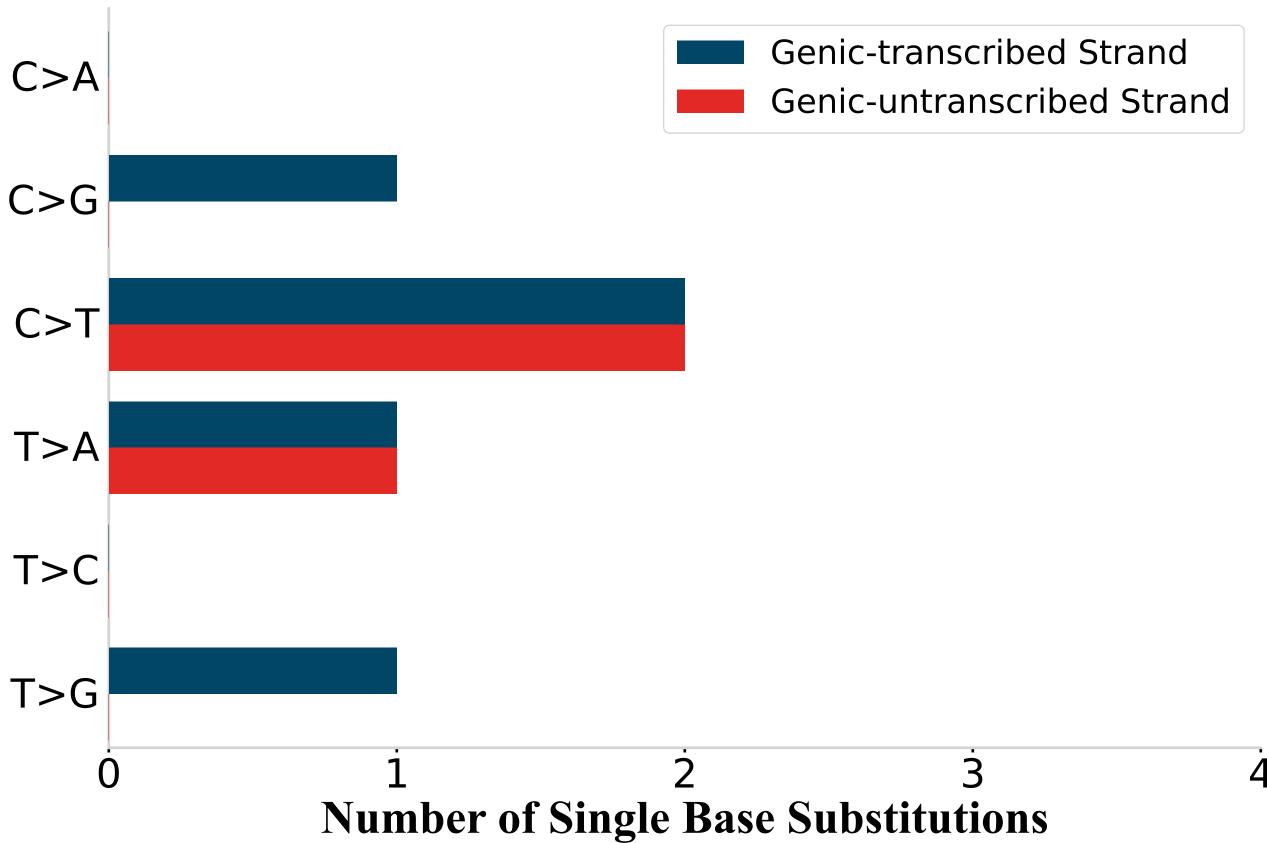
P-0009189-T01-IM5: 75 transcribed subs



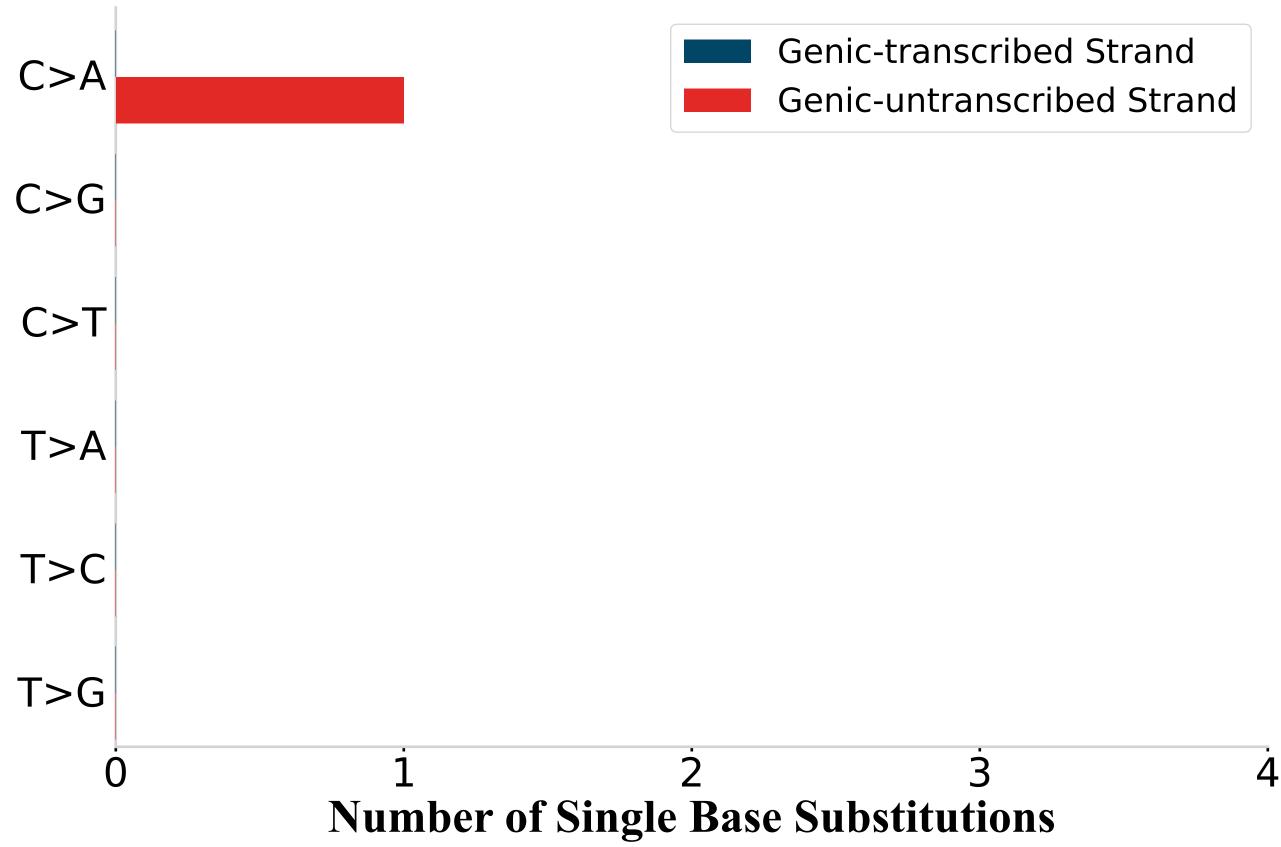
P-0009245-T01-IM5: 25 transcribed subs



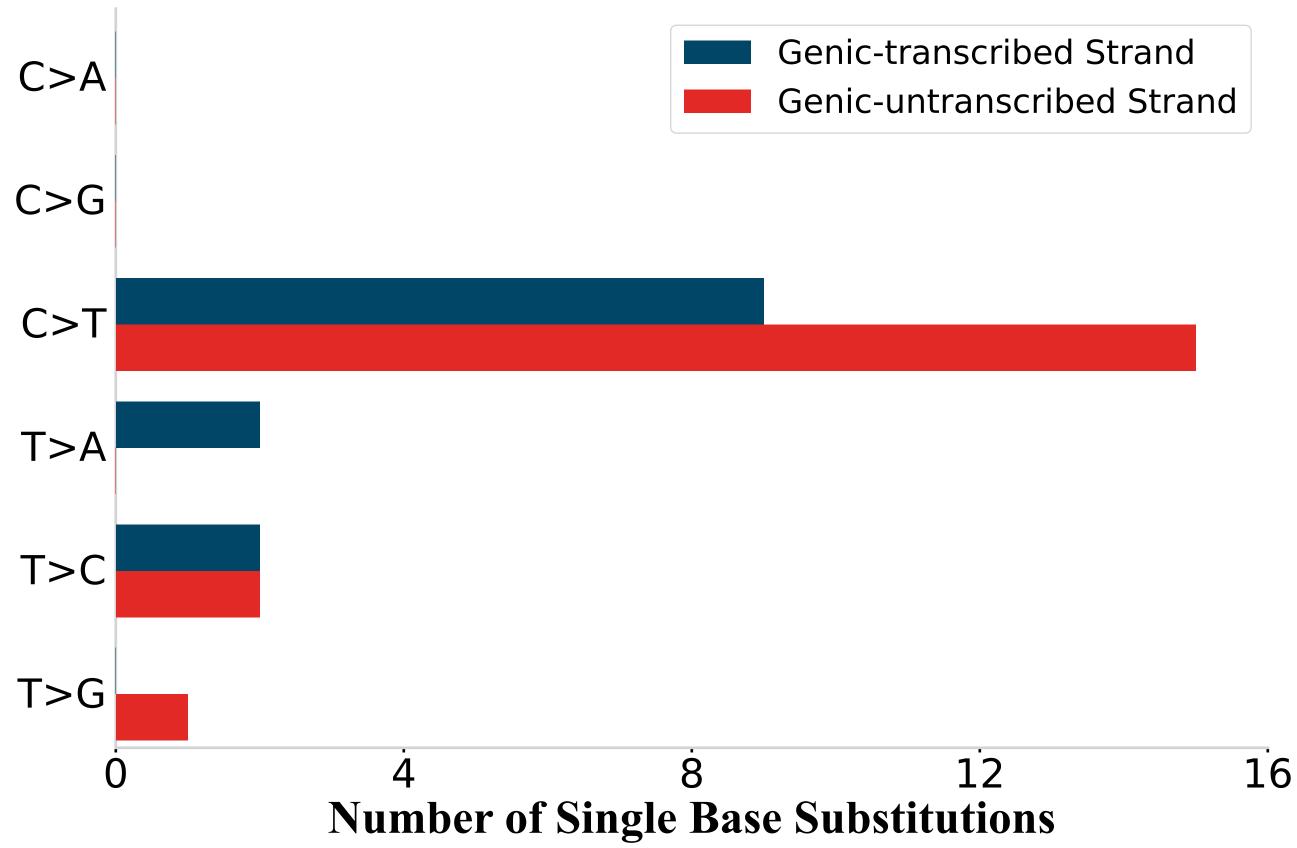
P-0009292-T01-IM5: 8 transcribed subs



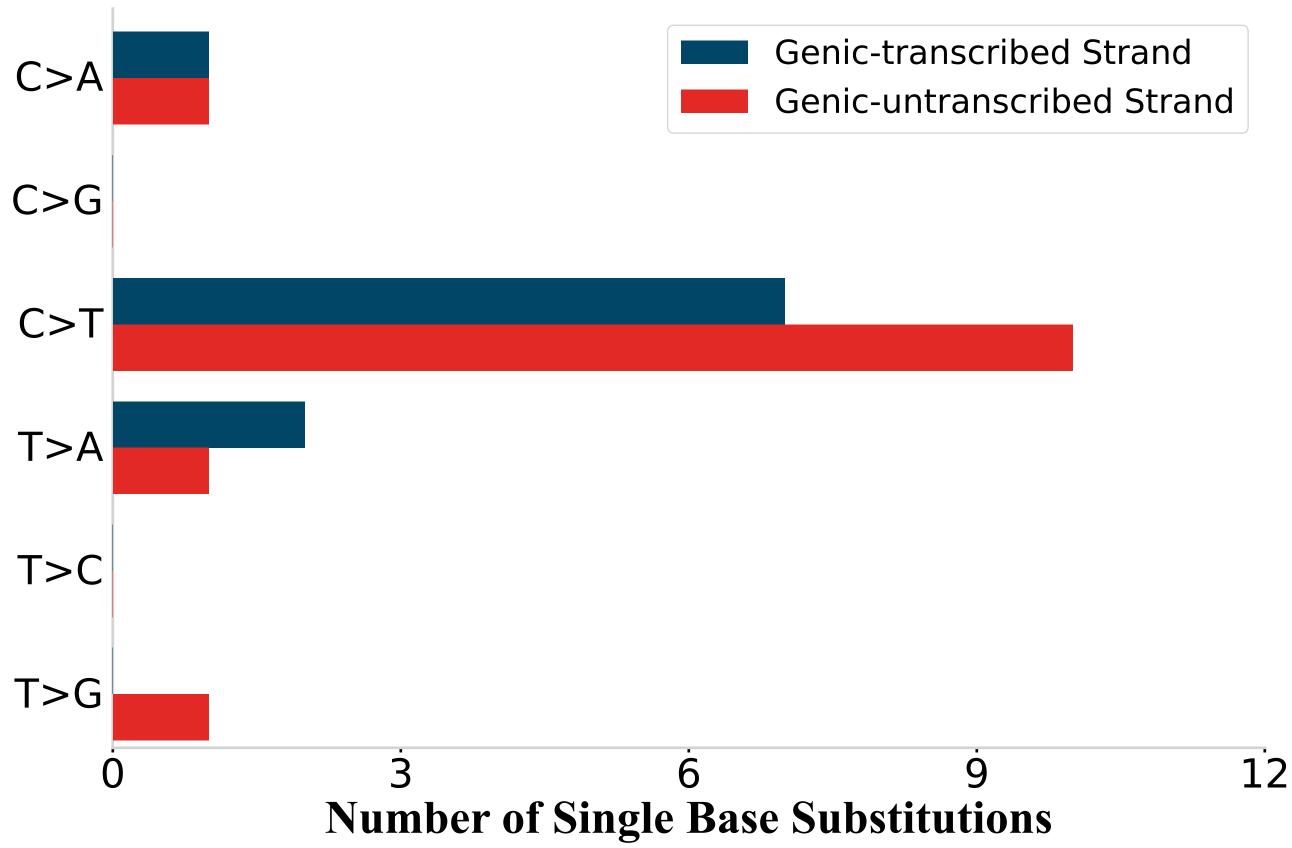
P-0009308-T01-IM5: 1 transcribed subs



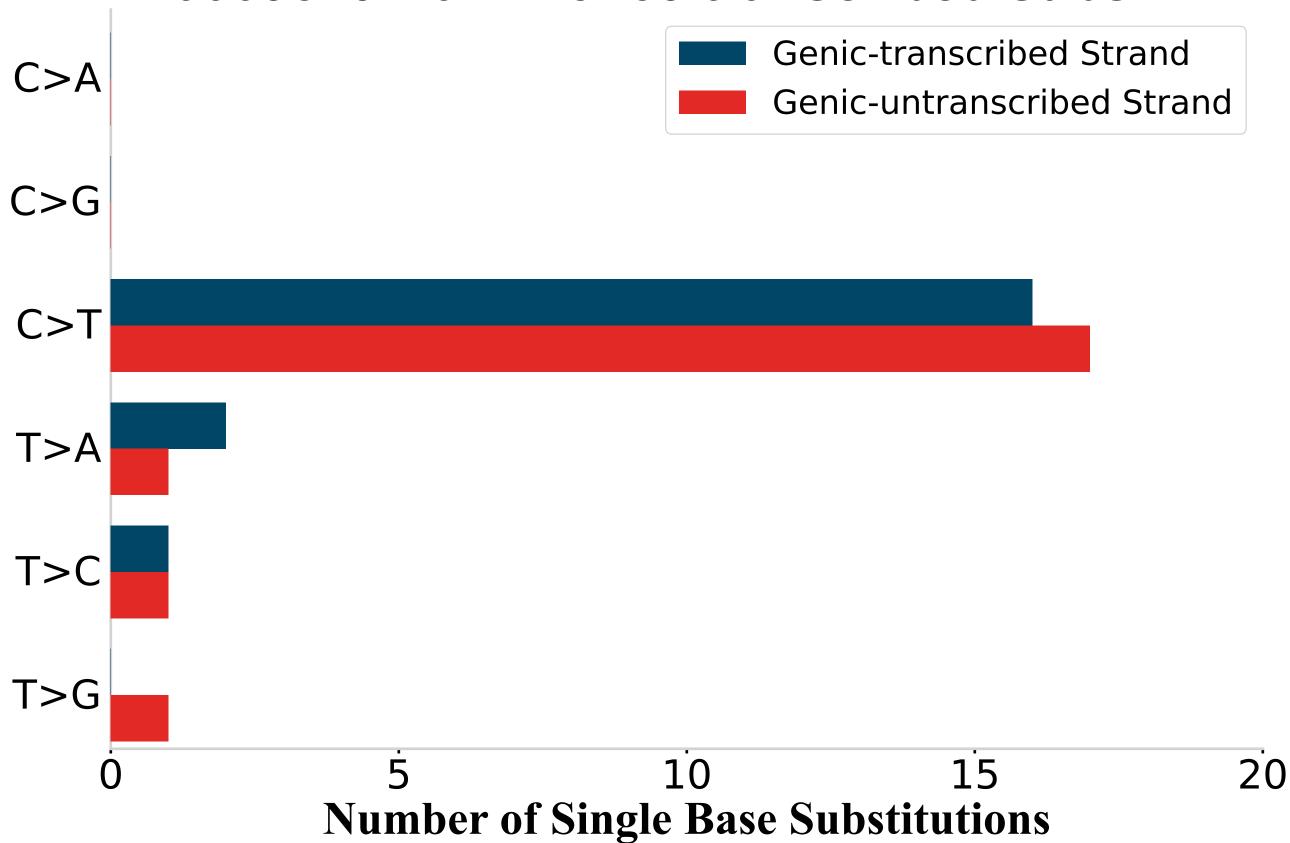
P-0009311-T01-IM5: 31 transcribed subs



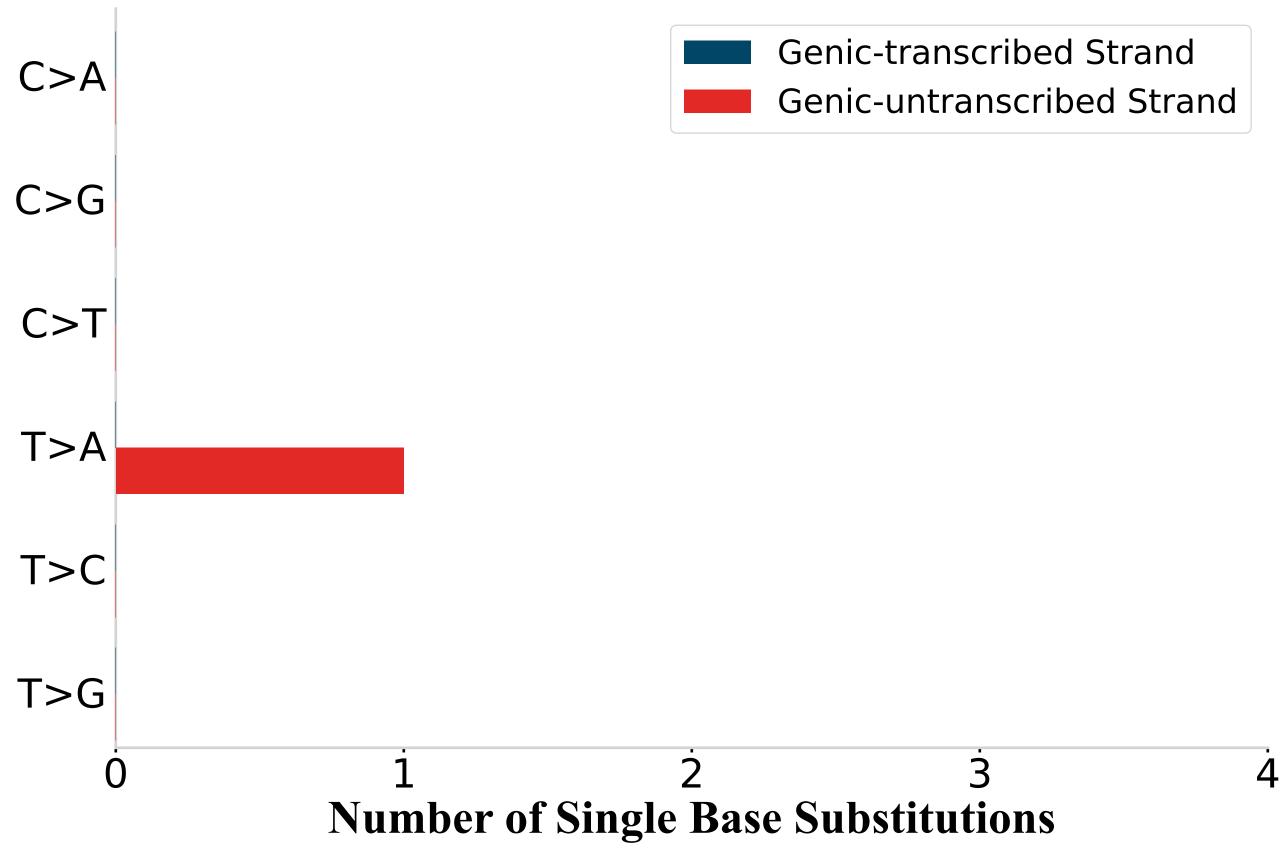
P-0009324-T02-IM5: 23 transcribed subs



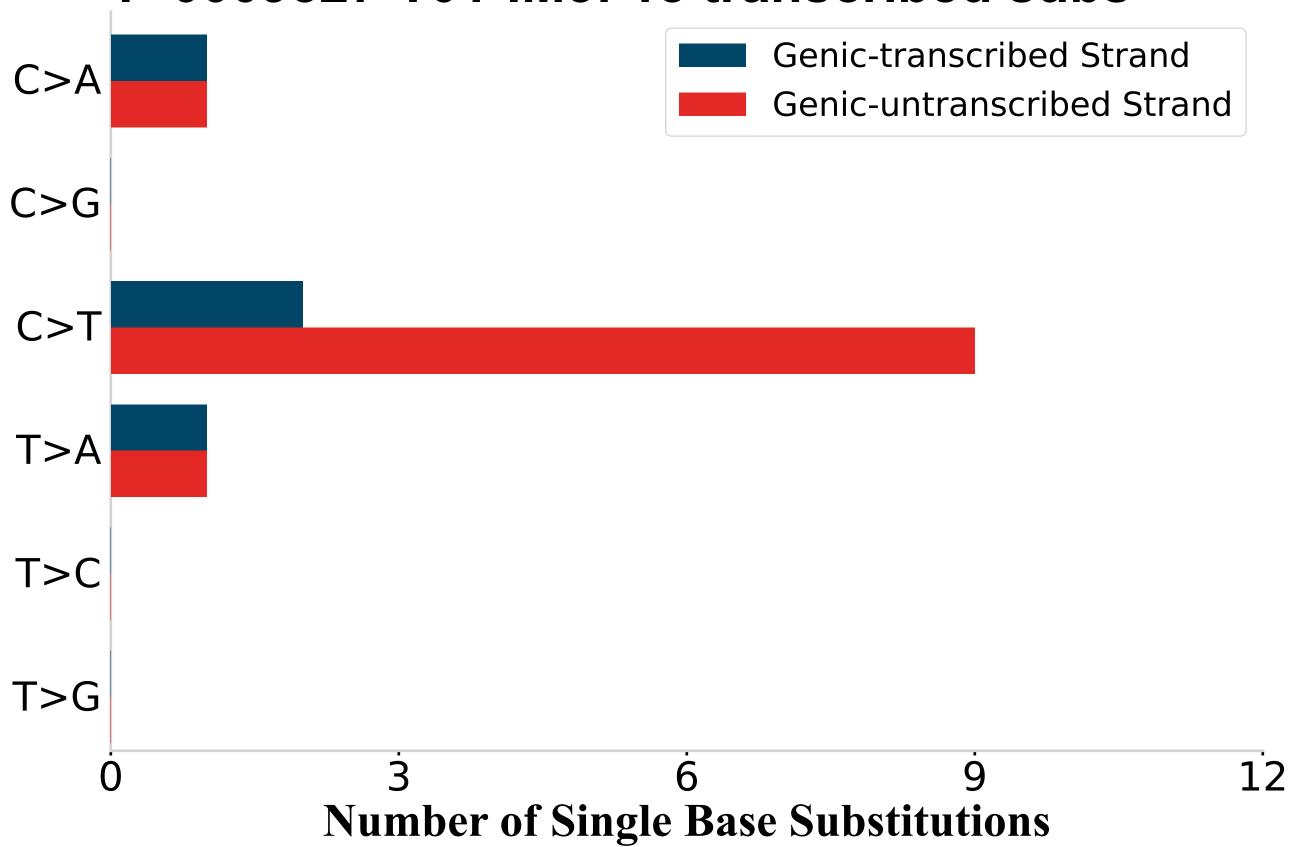
P-0009349-T01-IM5: 39 transcribed subs



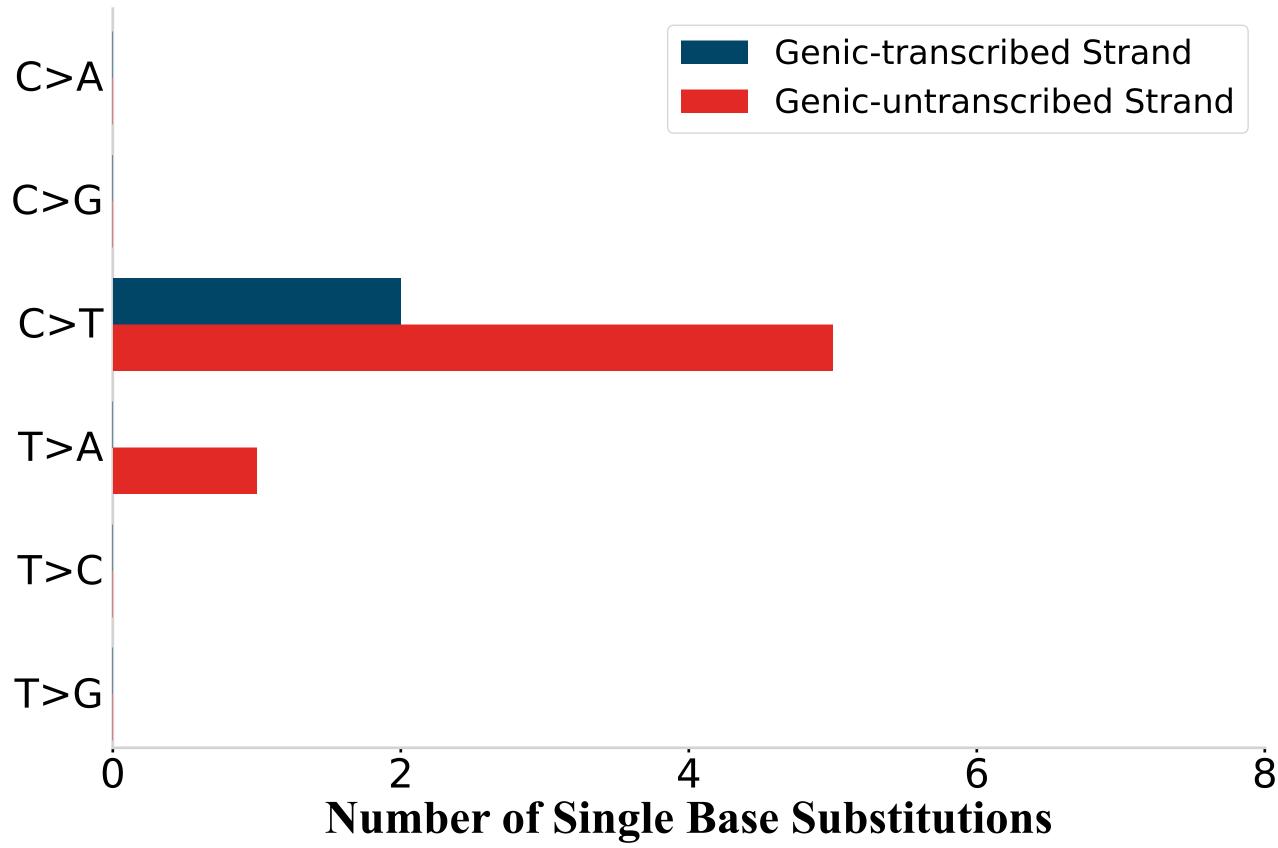
P-0009412-T01-IM5: 1 transcribed subs



P-0009527-T01-IM5: 15 transcribed subs



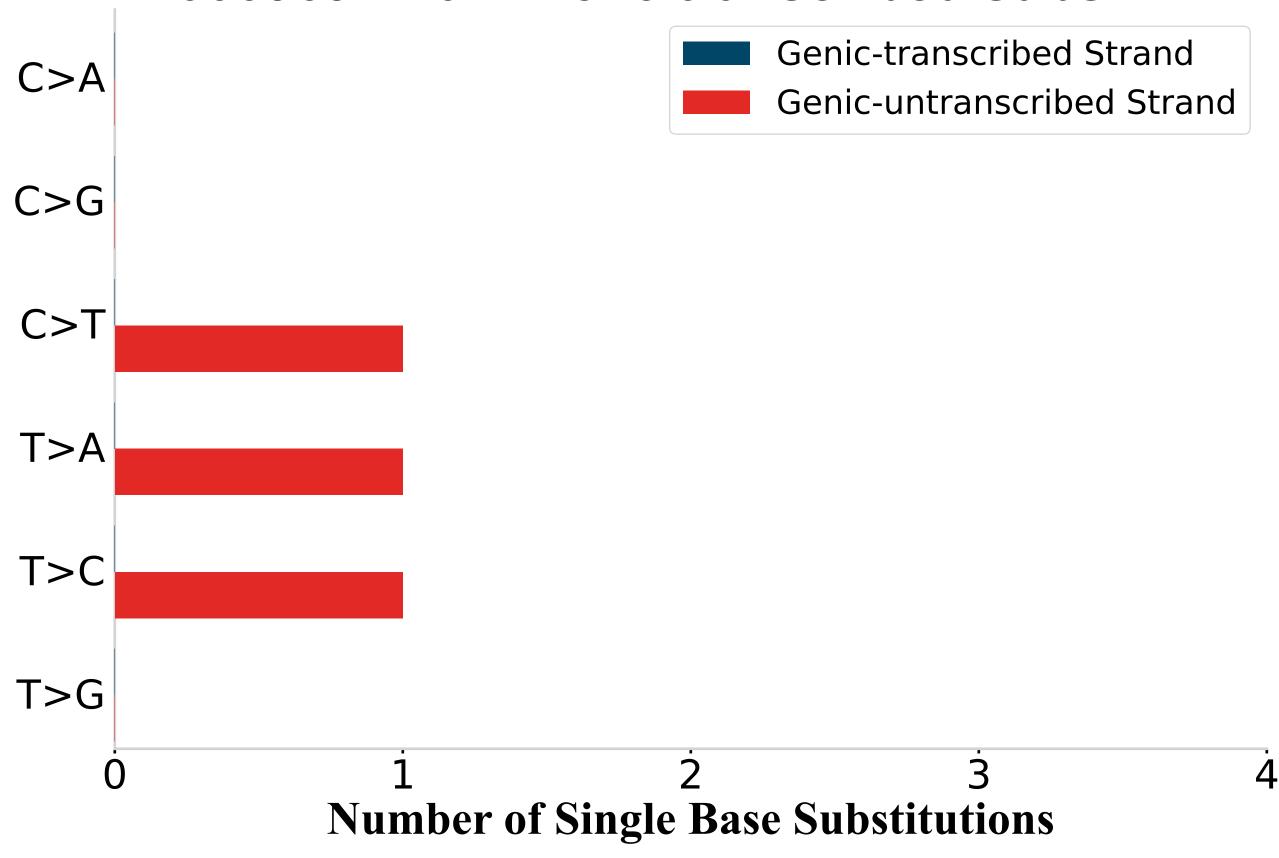
P-0009538-T01-IM5: 8 transcribed subs



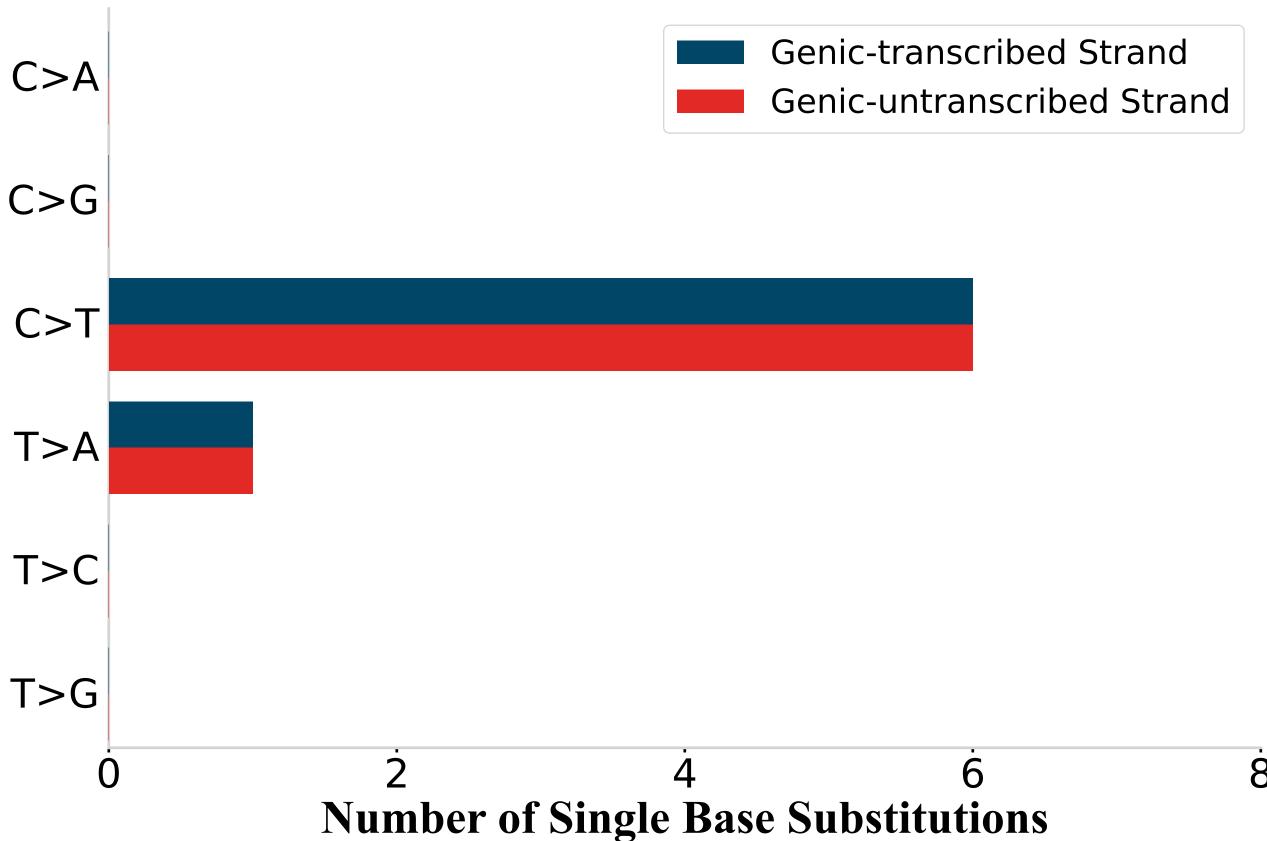
P-0009589-T01-IM5: 1 transcribed subs



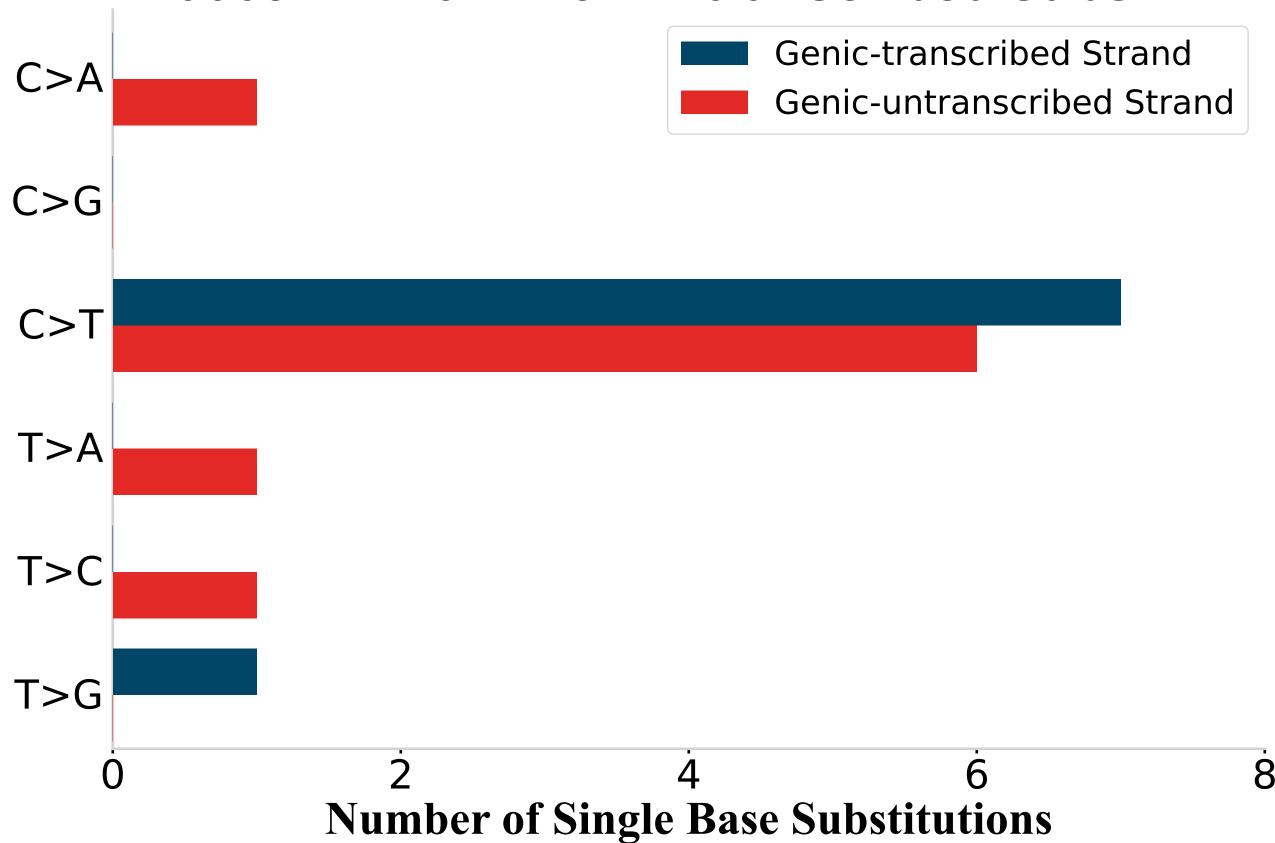
P-0009697-T01-IM5: 3 transcribed subs



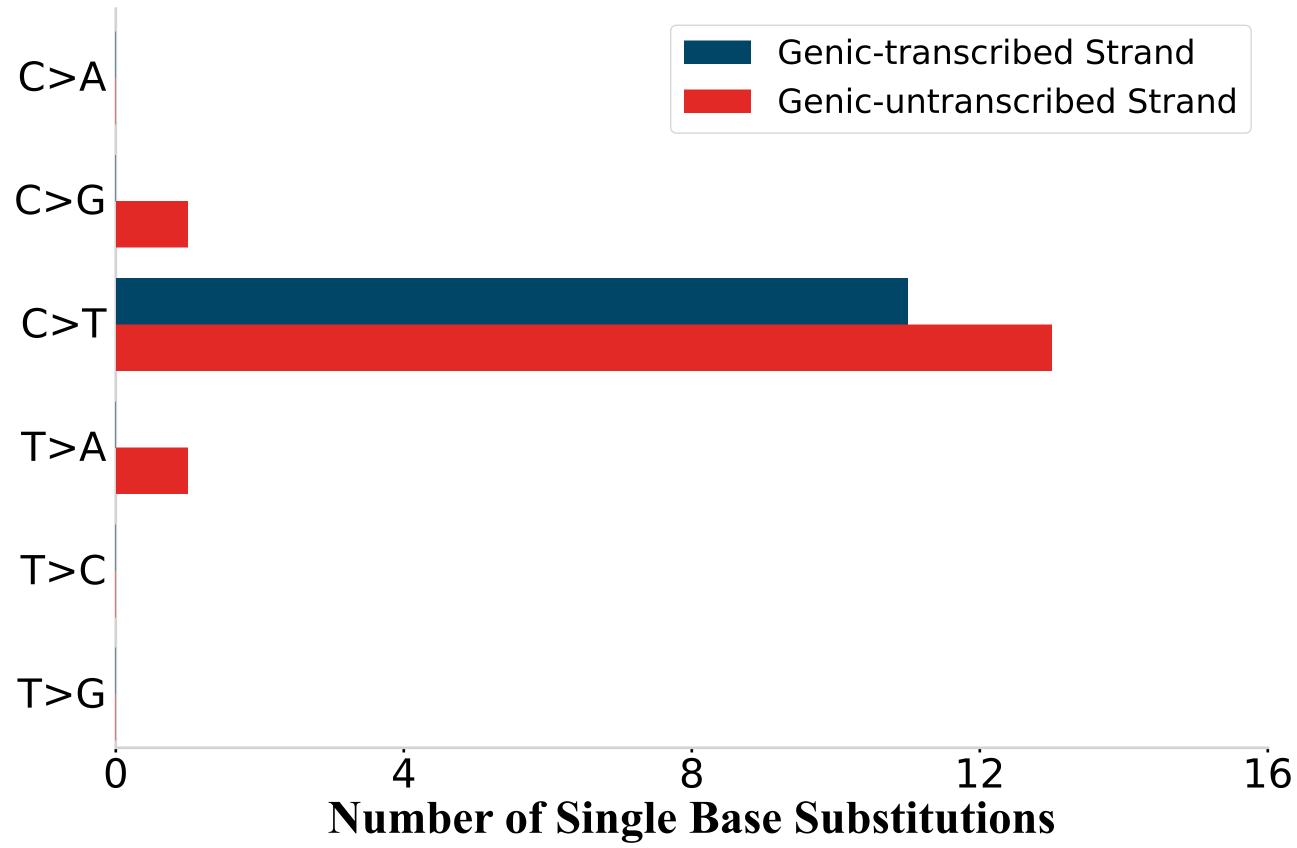
P-0009736-T01-IM5: 14 transcribed subs



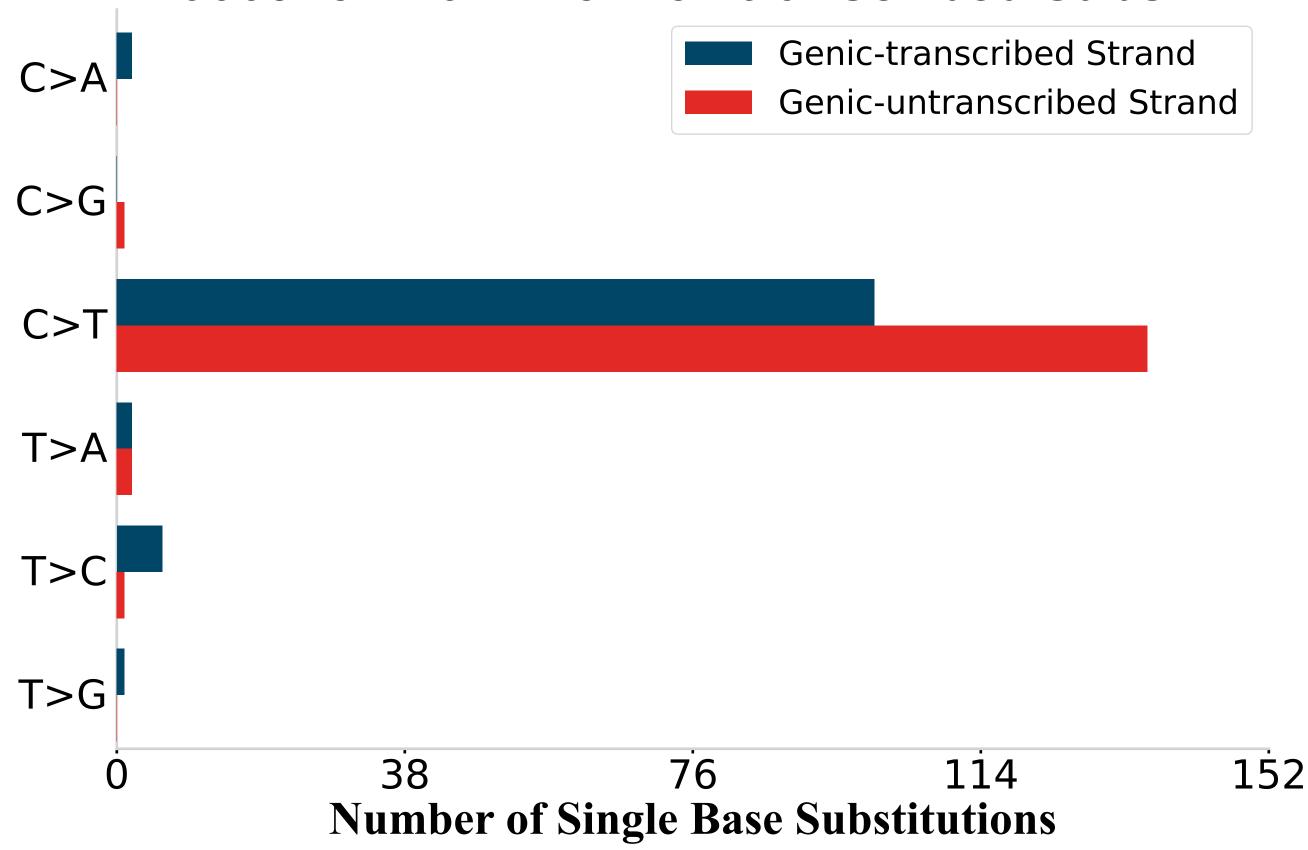
P-0009744-T01-IM5: 17 transcribed subs



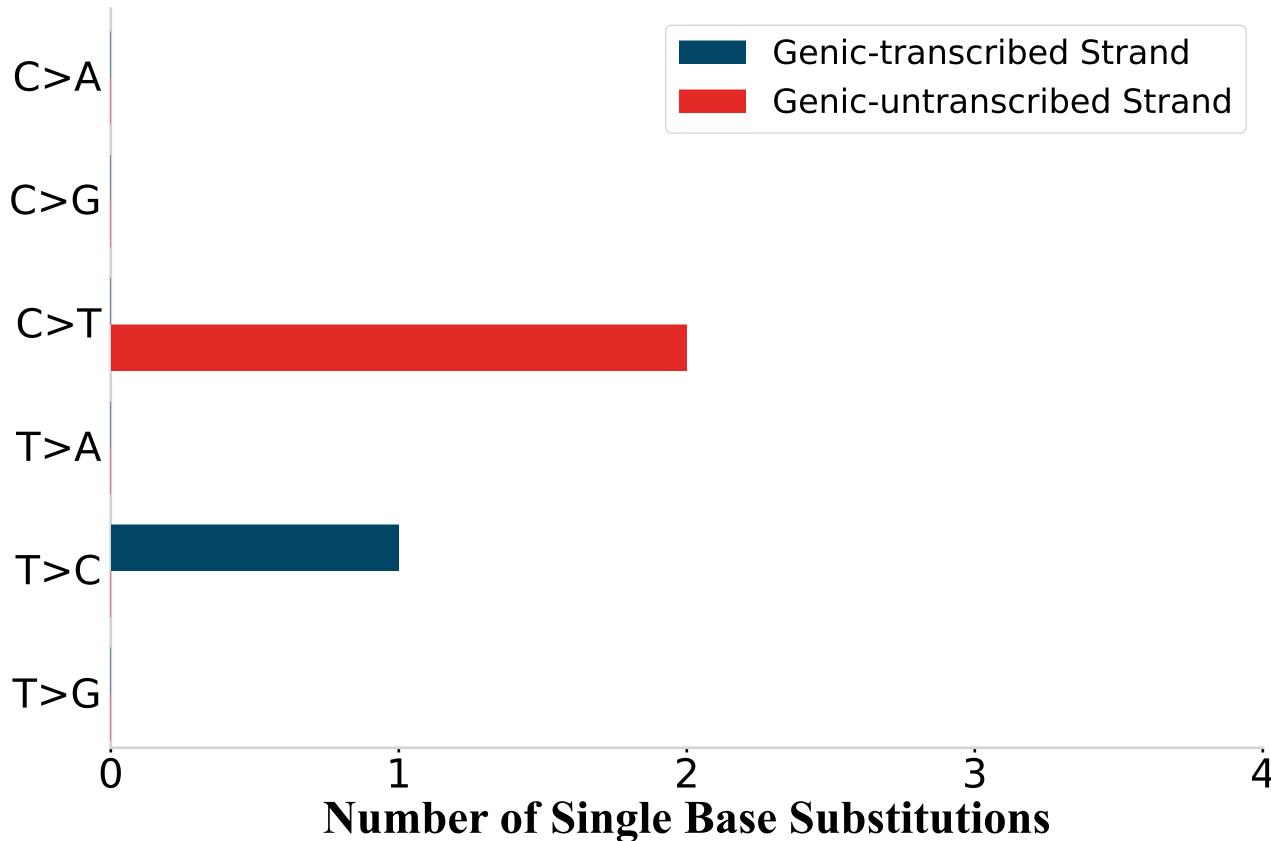
P-0009747-T01-IM5: 26 transcribed subs



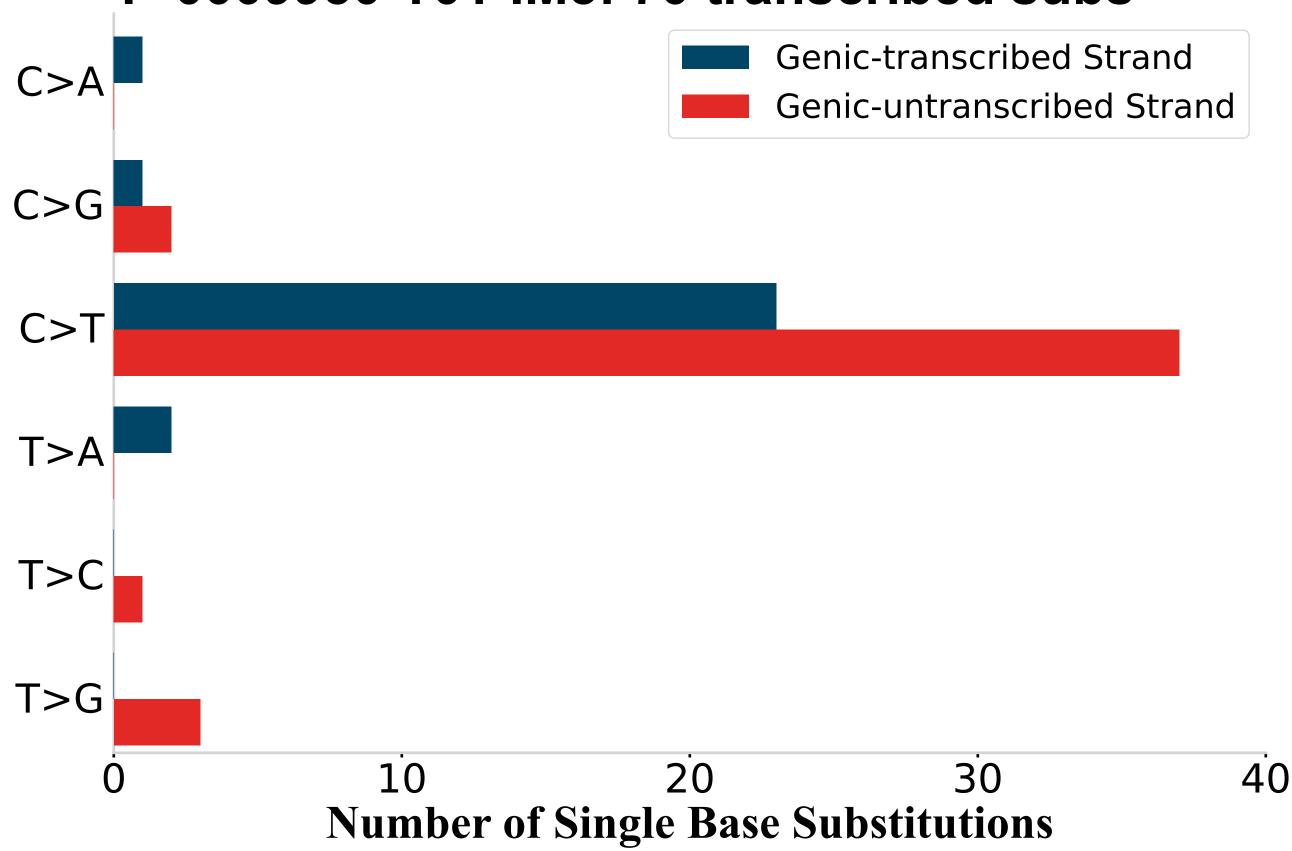
P-0009752-T01-IM5: 251 transcribed subs



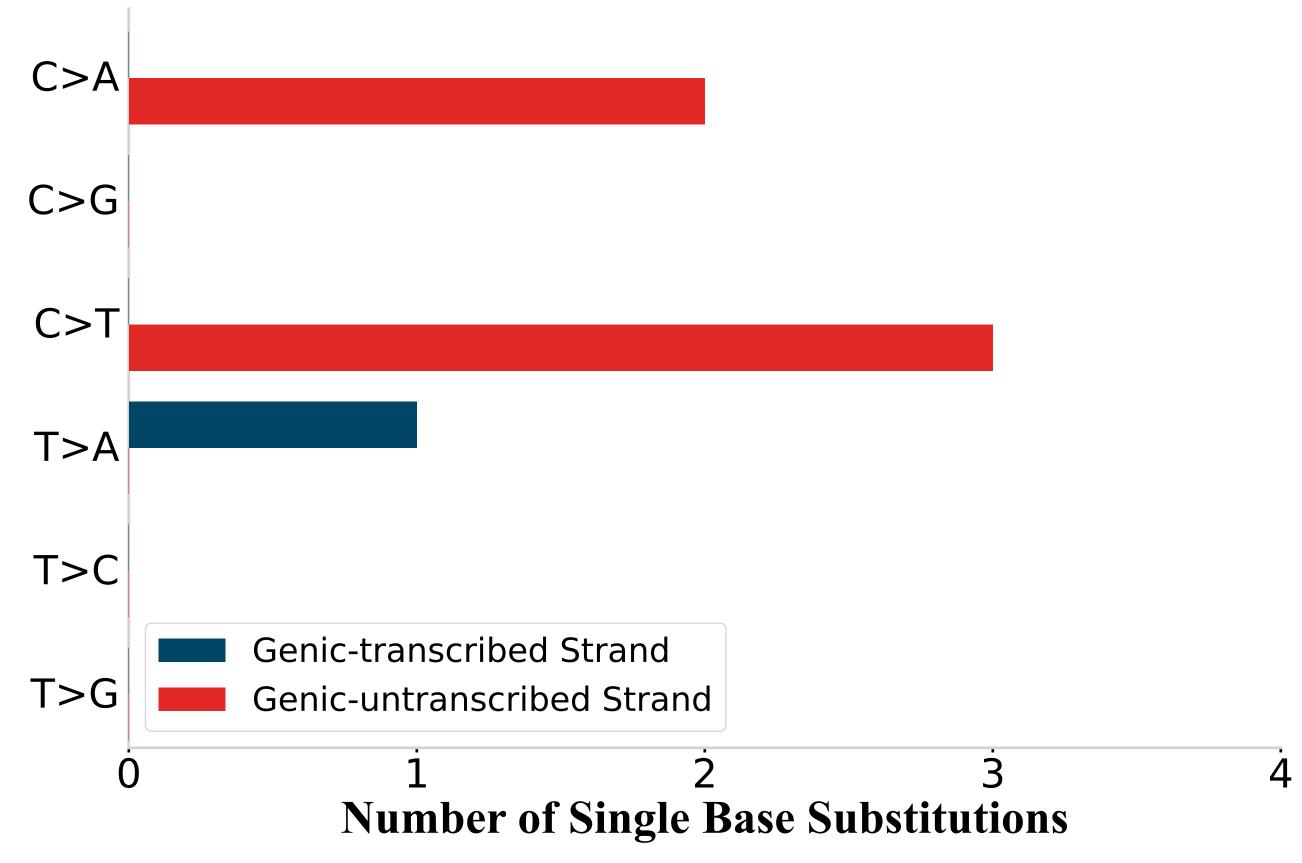
P-0009855-T01-IM5: 3 transcribed subs



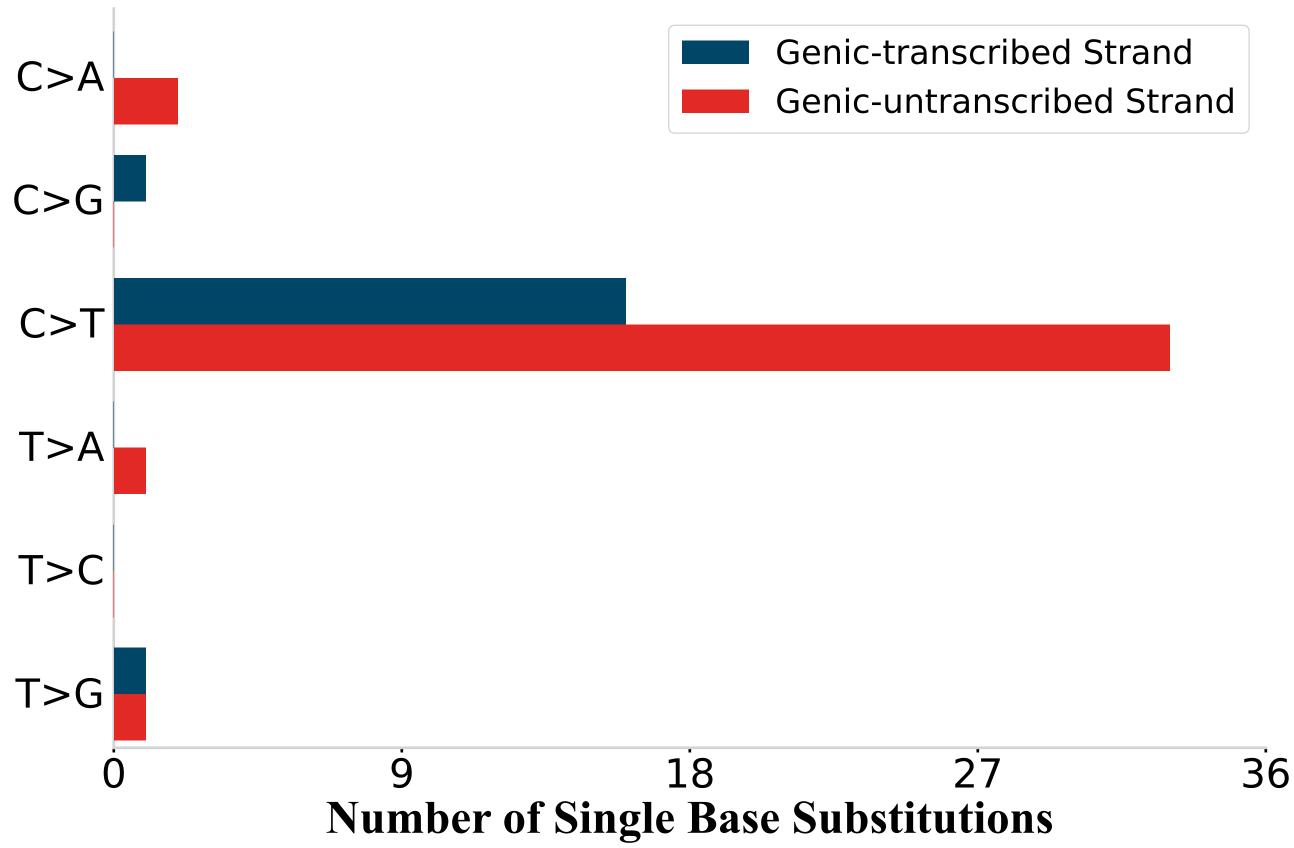
P-0009950-T01-IM5: 70 transcribed subs



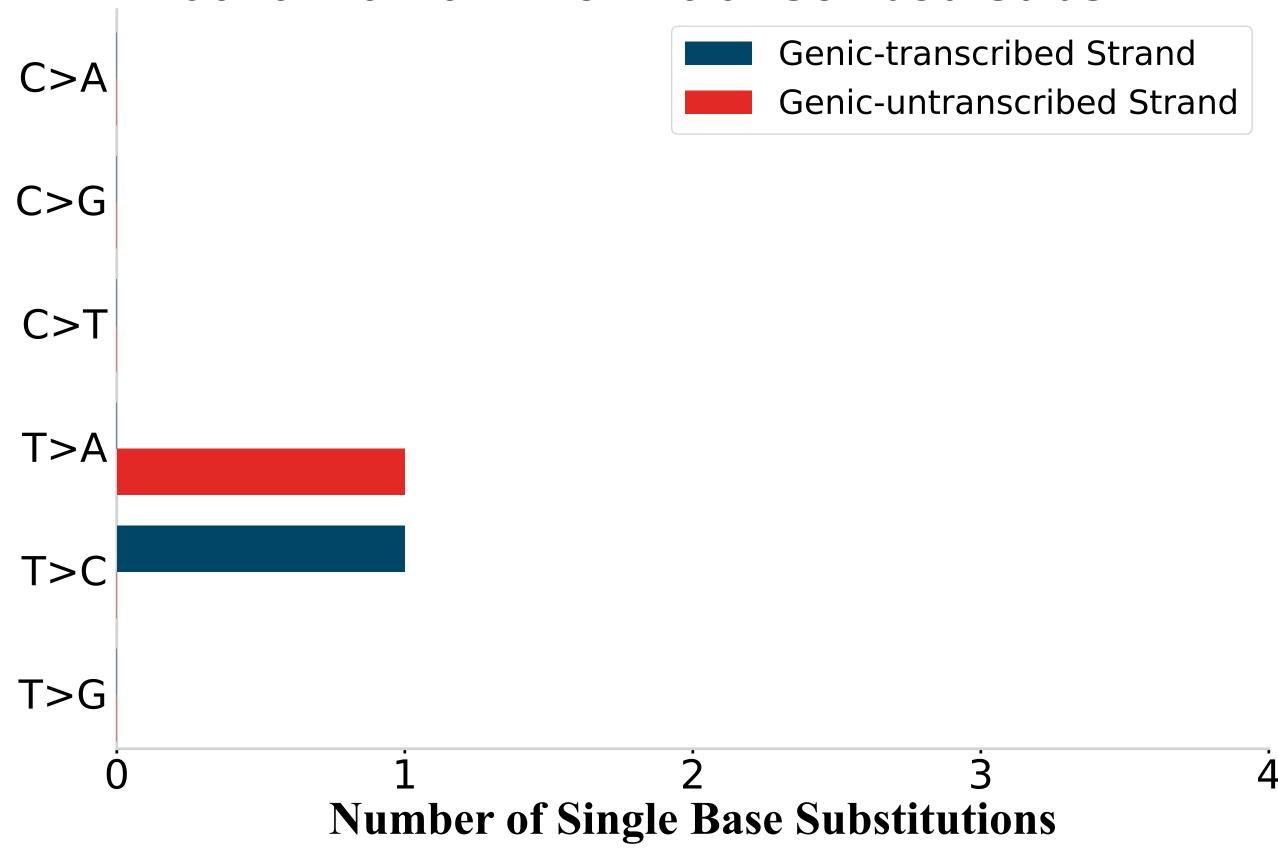
P-0010008-T01-IM5: 6 transcribed subs



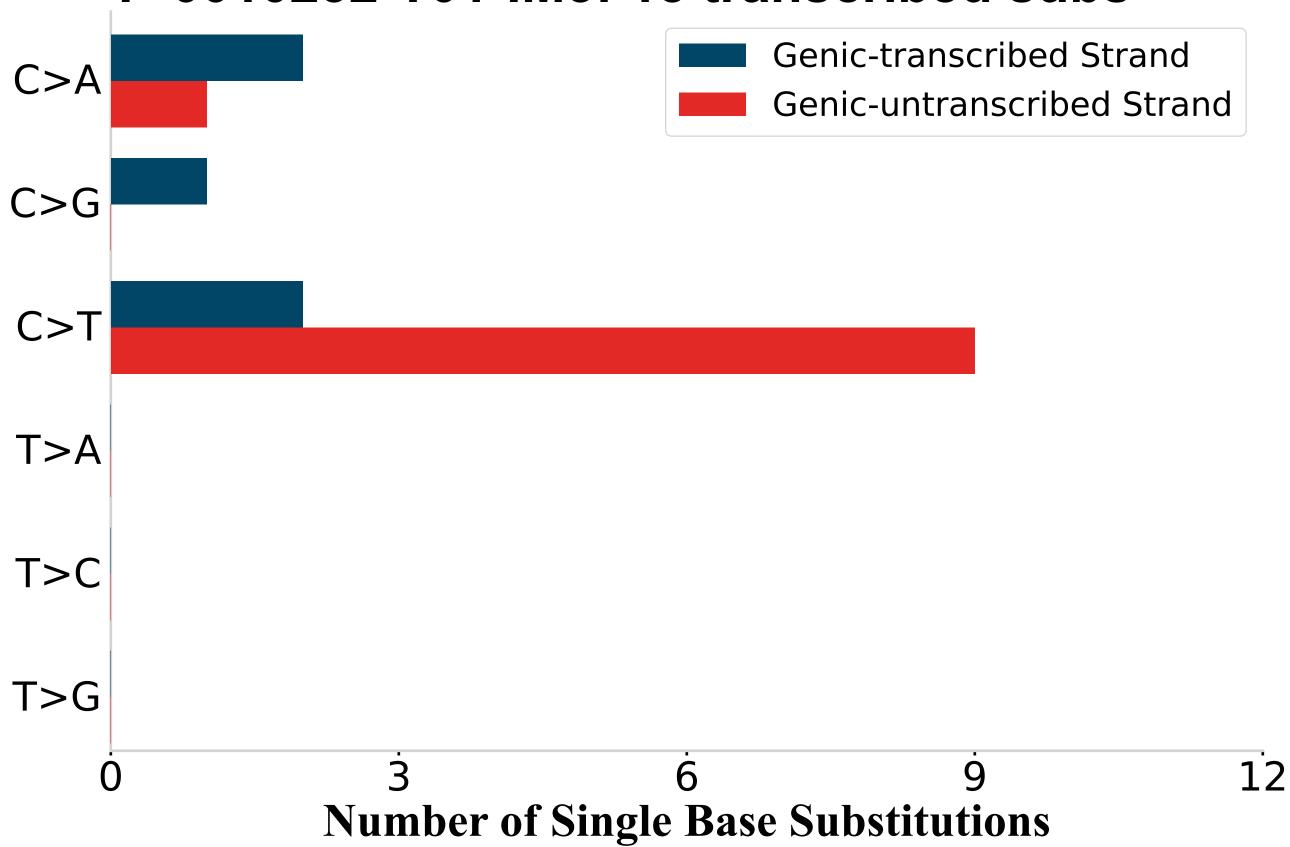
P-0010115-T01-IM5: 55 transcribed subs



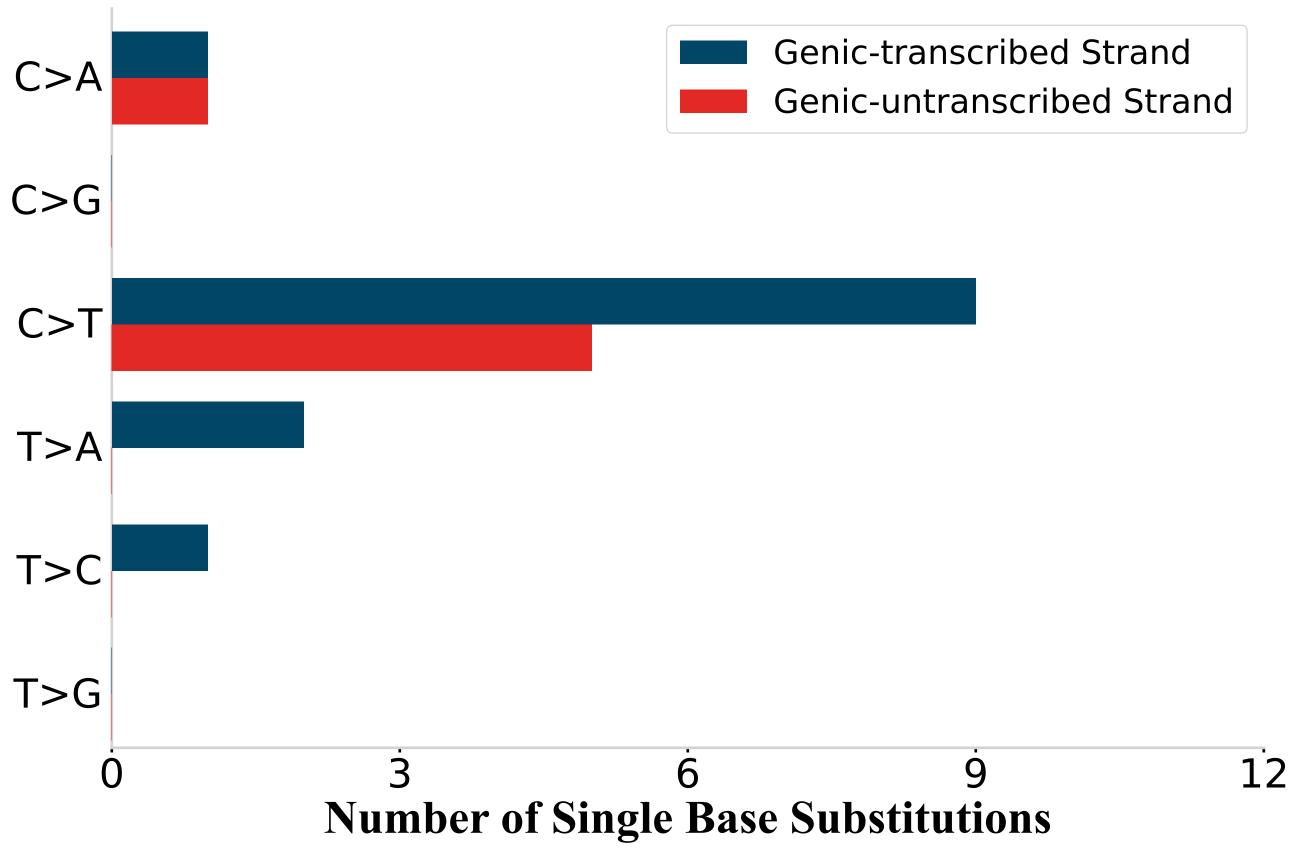
P-0010140-T02-IM5: 2 transcribed subs



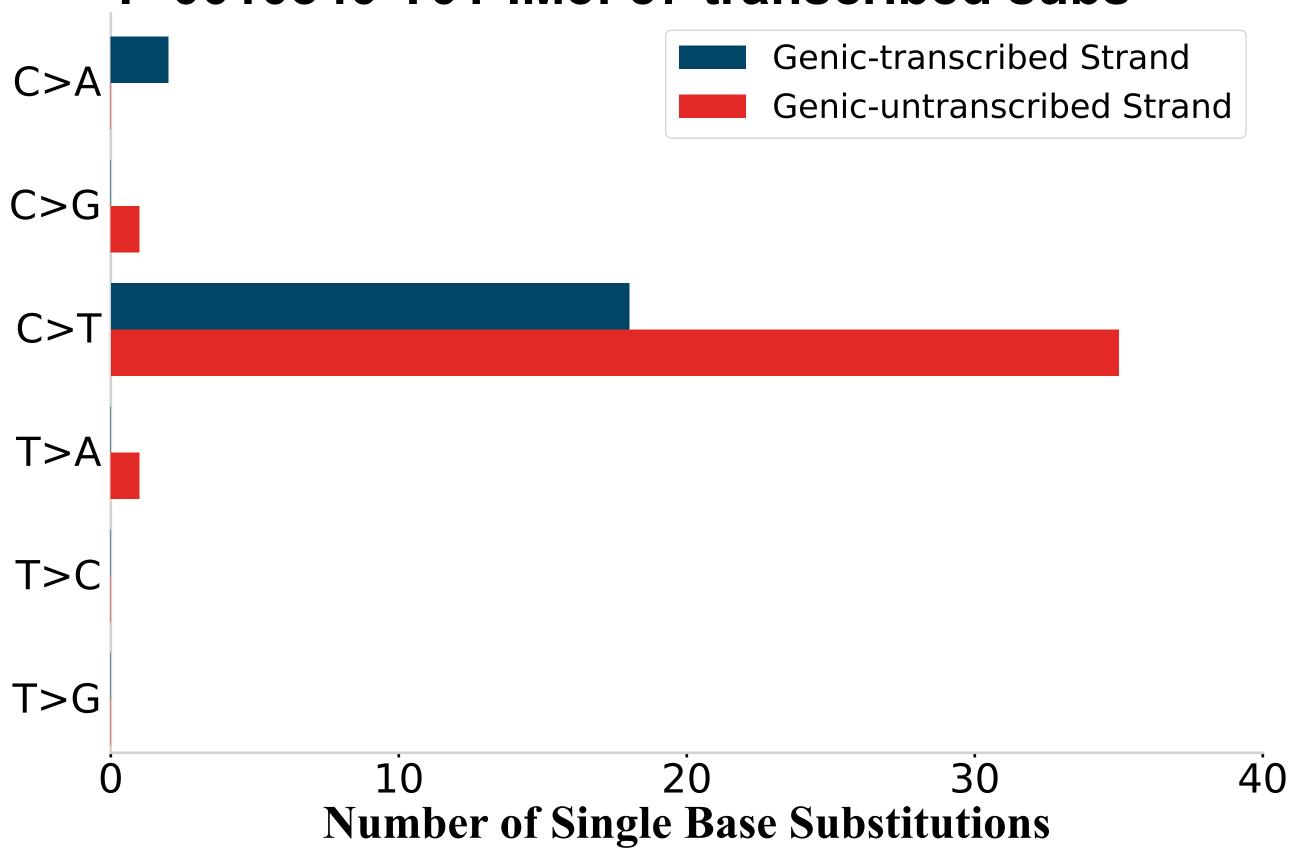
P-0010232-T01-IM5: 15 transcribed subs



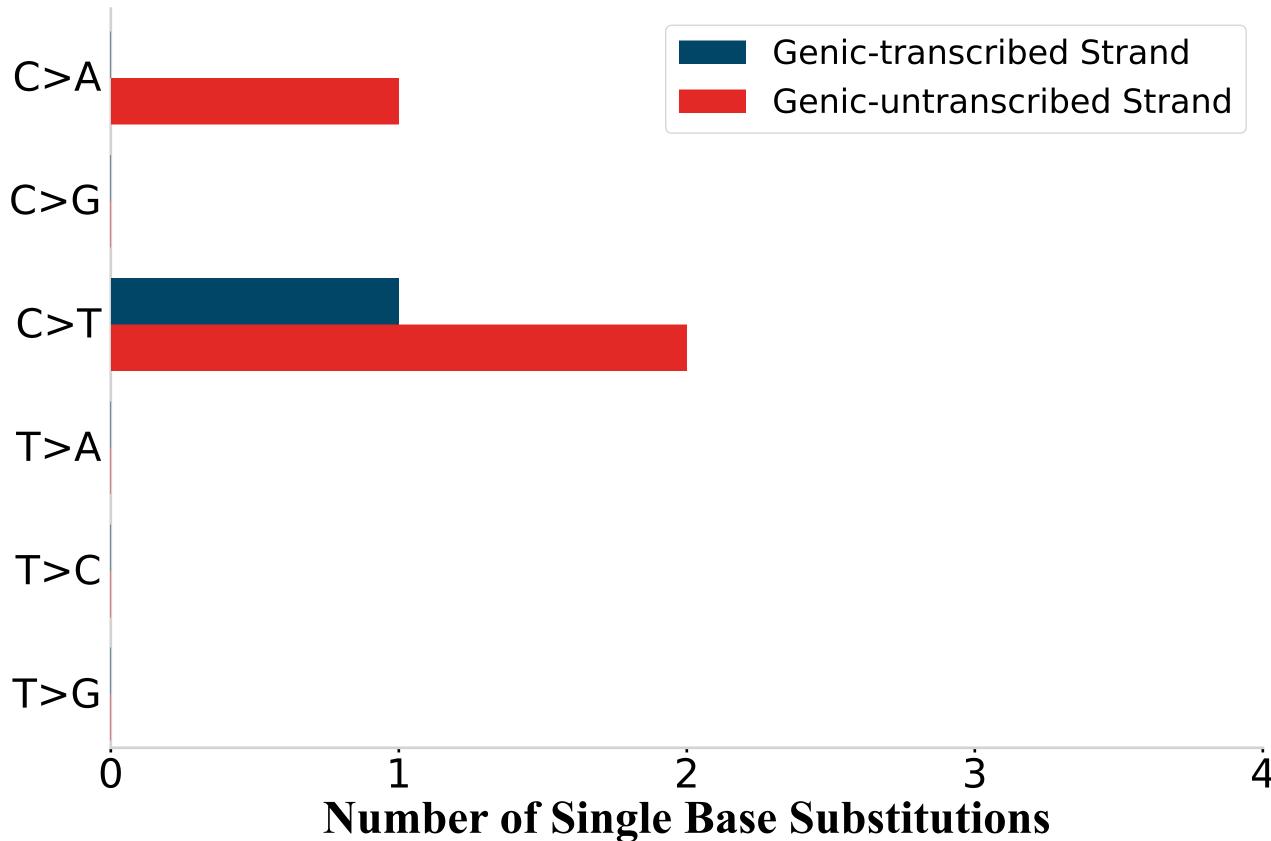
P-0010249-T01-IM5: 19 transcribed subs



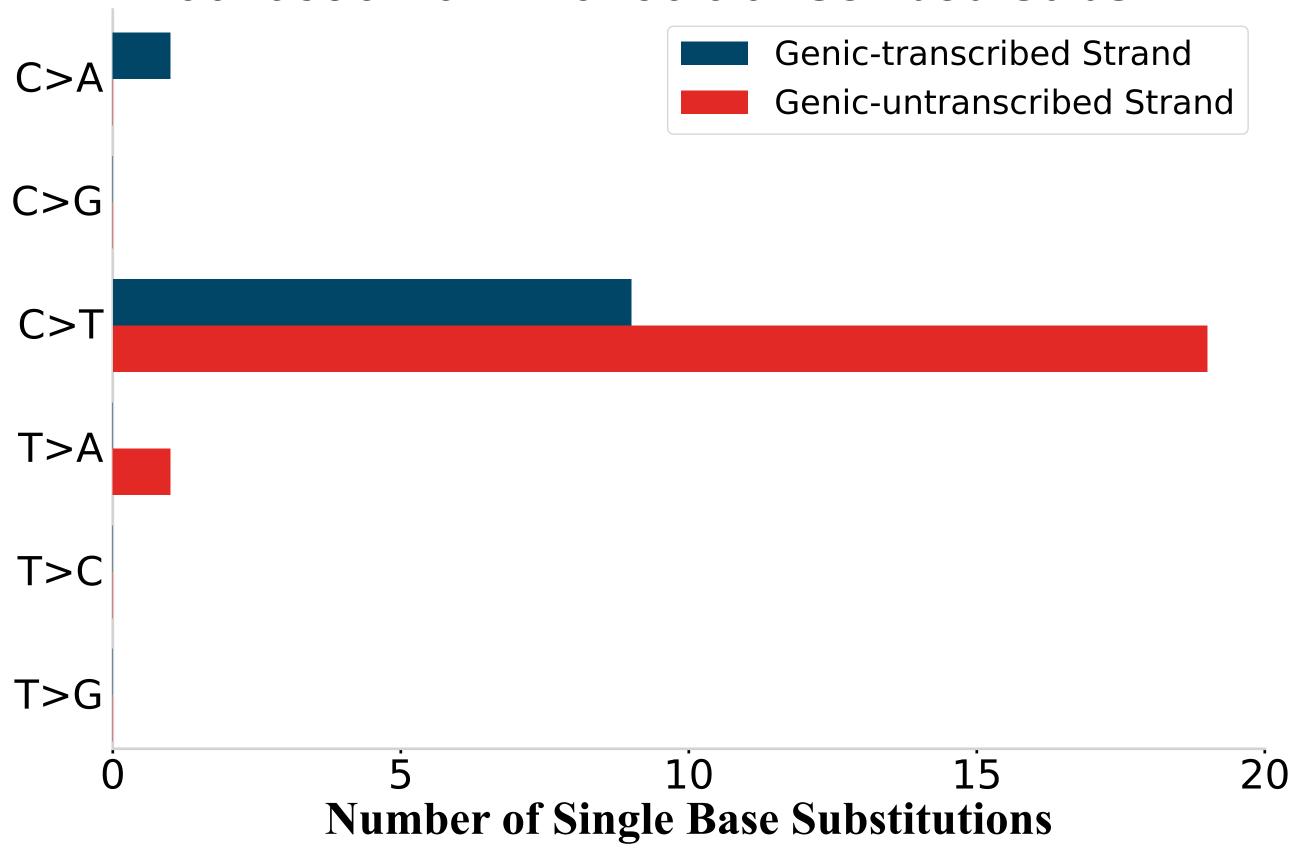
P-0010340-T01-IM5: 57 transcribed subs



P-0010495-T01-IM5: 4 transcribed subs



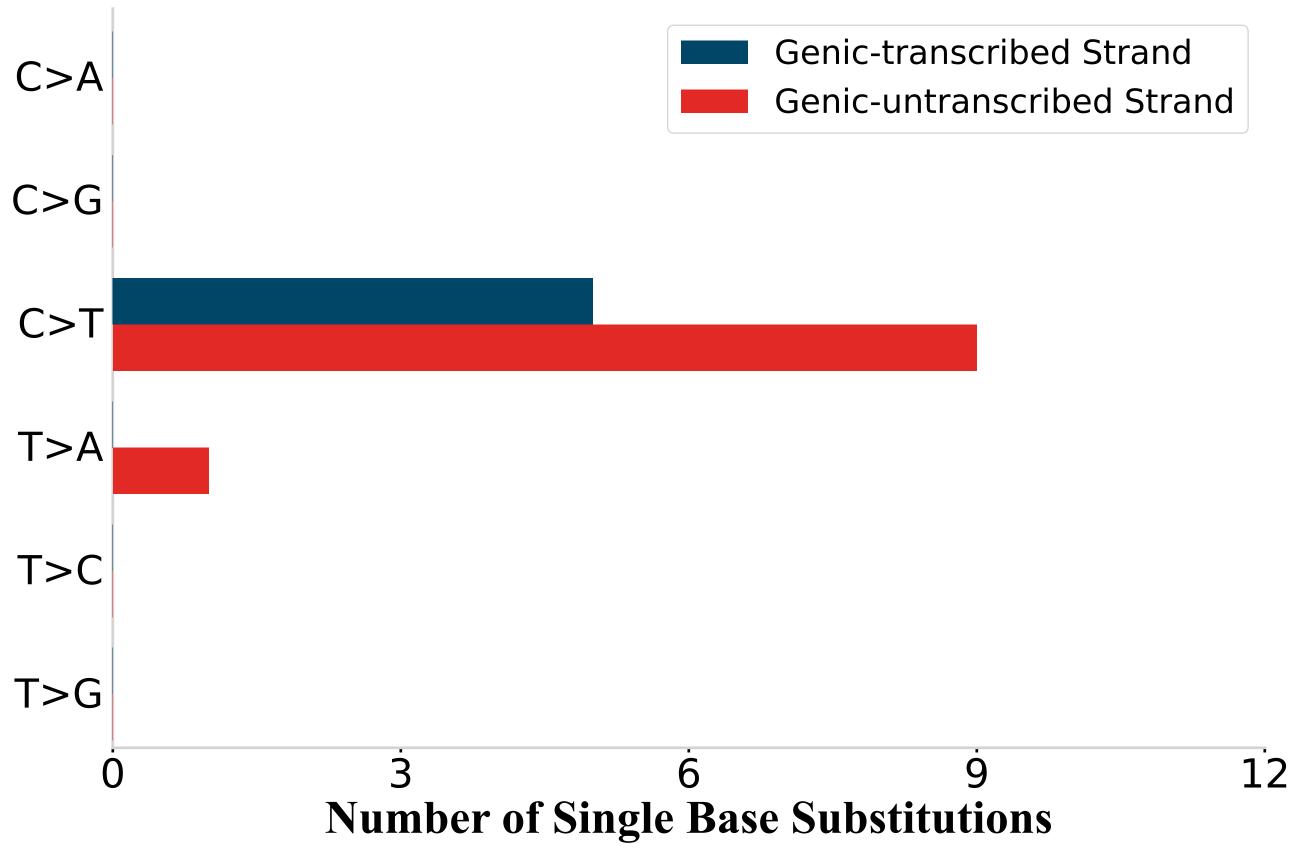
P-0010596-T02-IM6: 30 transcribed subs



P-0010605-T01-IM5: 1 transcribed subs

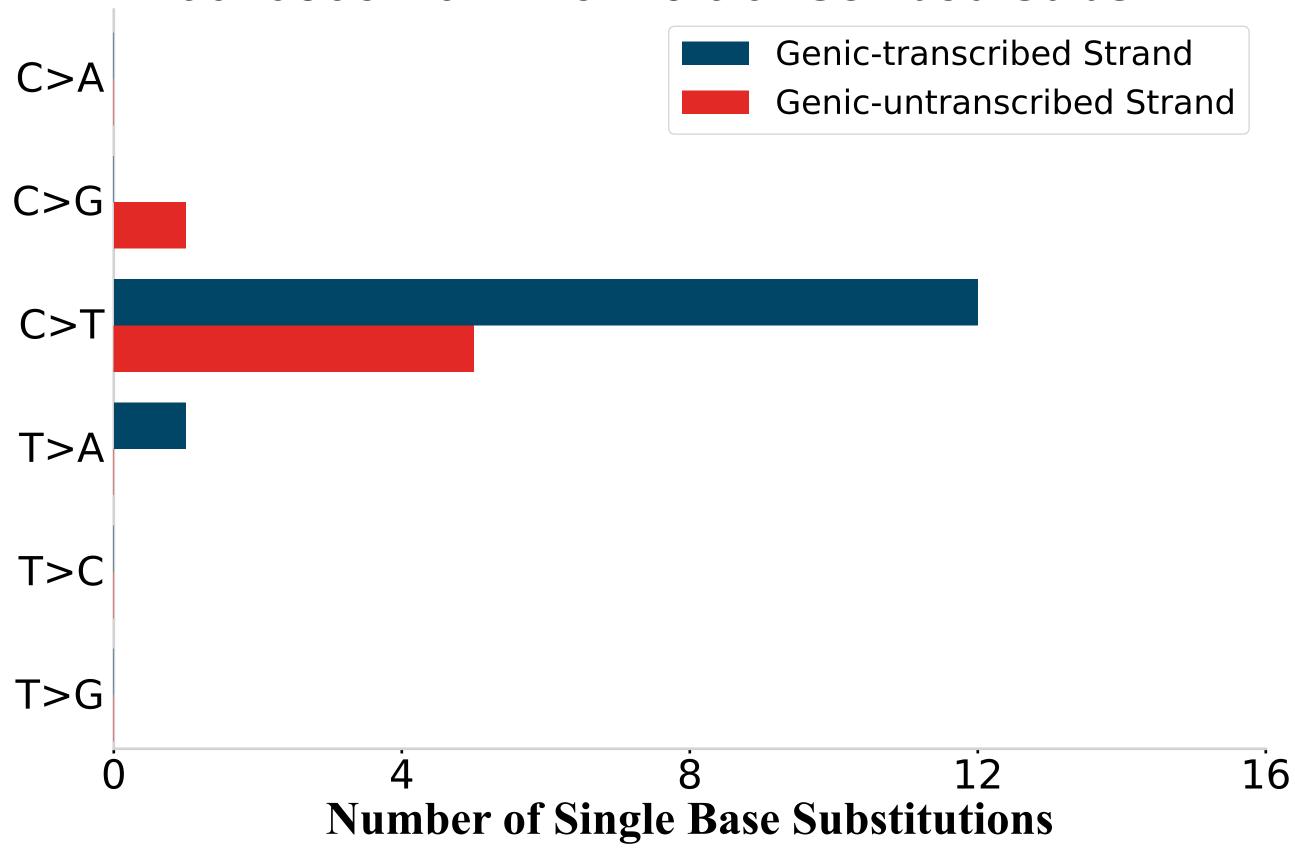


P-0010670-T01-IM5: 15 transcribed subs

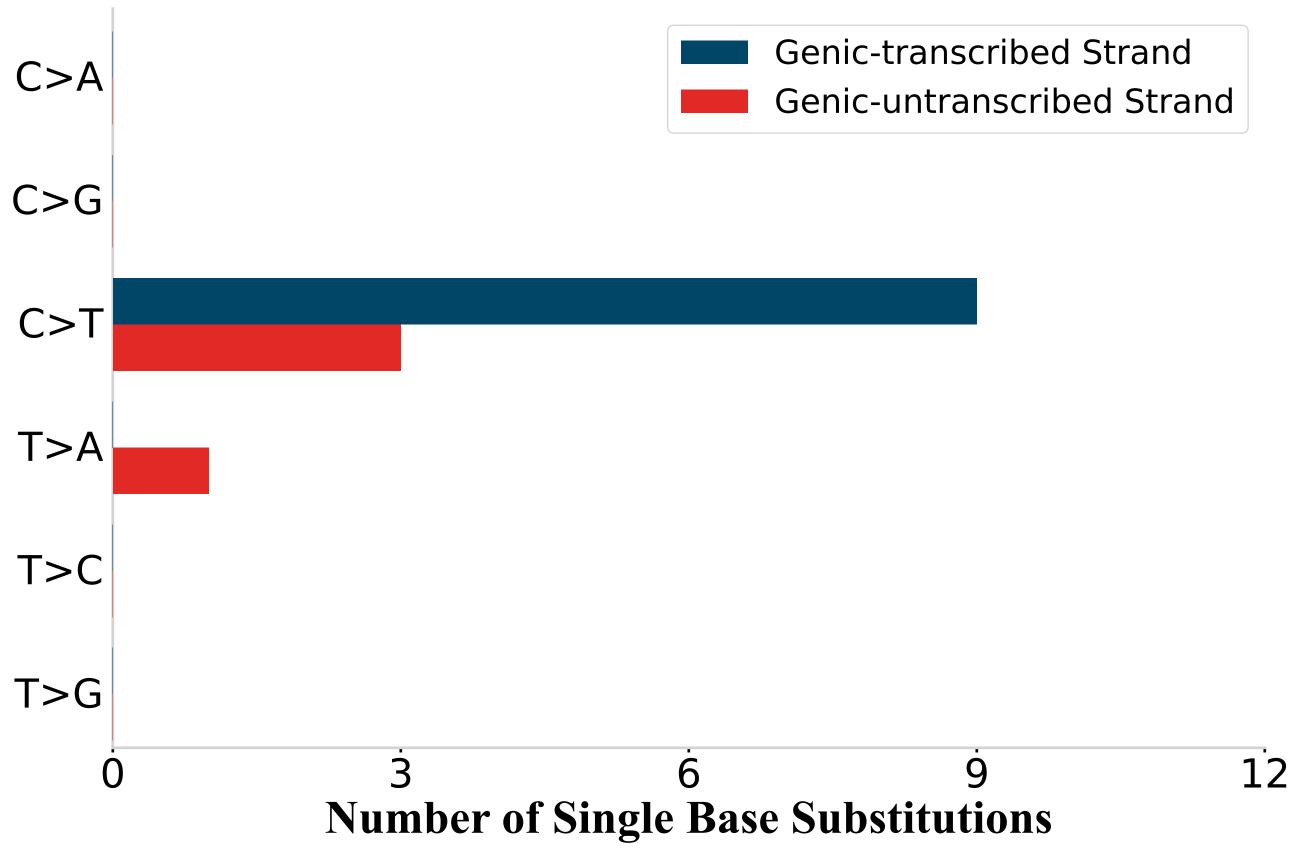


P-0010726-T01-IM5: 95 transcribed subs Genic-transcribed Strand C>A Genic-untranscribed Strand C>G C>T T>A T>C 15 30 45 60 **Number of Single Base Substitutions**

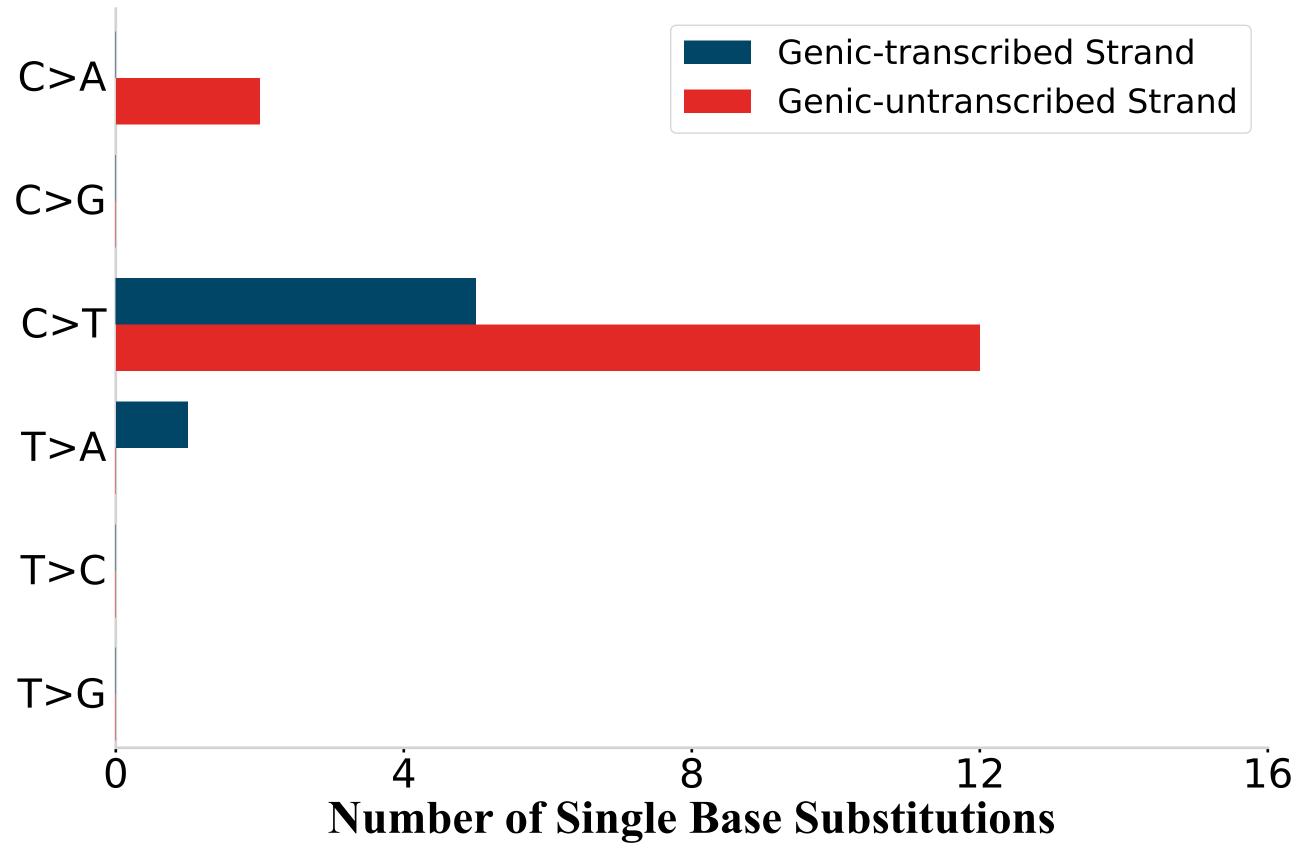
P-0010805-T01-IM5: 19 transcribed subs



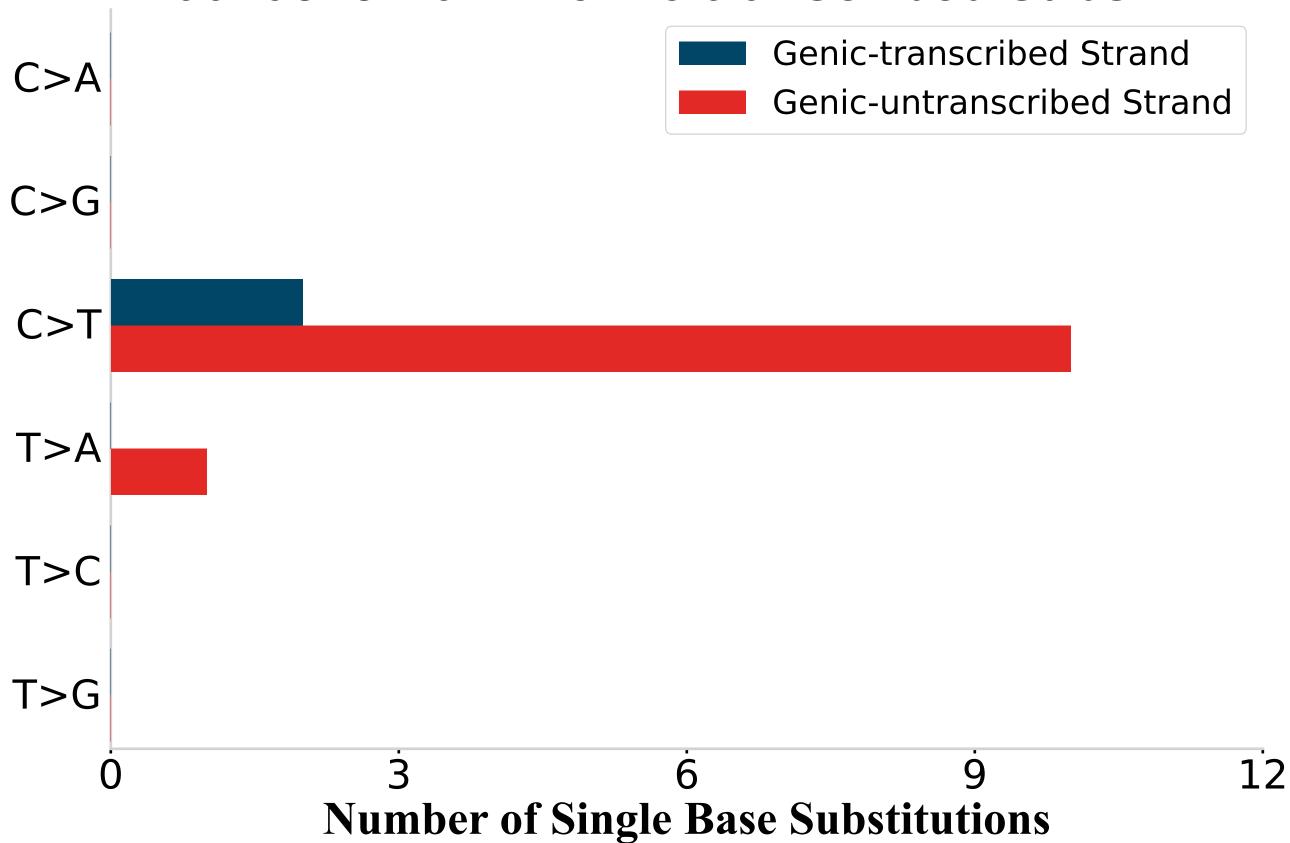
P-0010818-T01-IM5: 13 transcribed subs



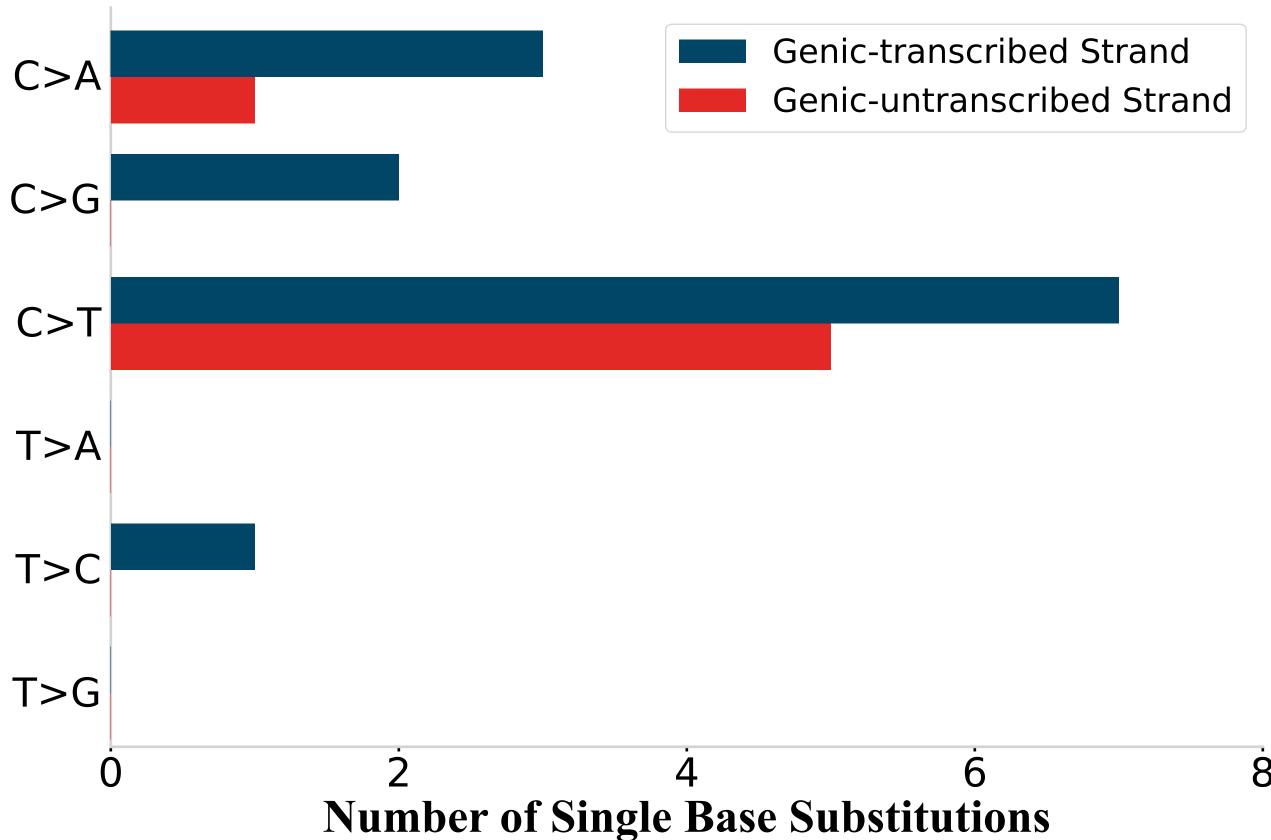
P-0010847-T02-IM6: 20 transcribed subs



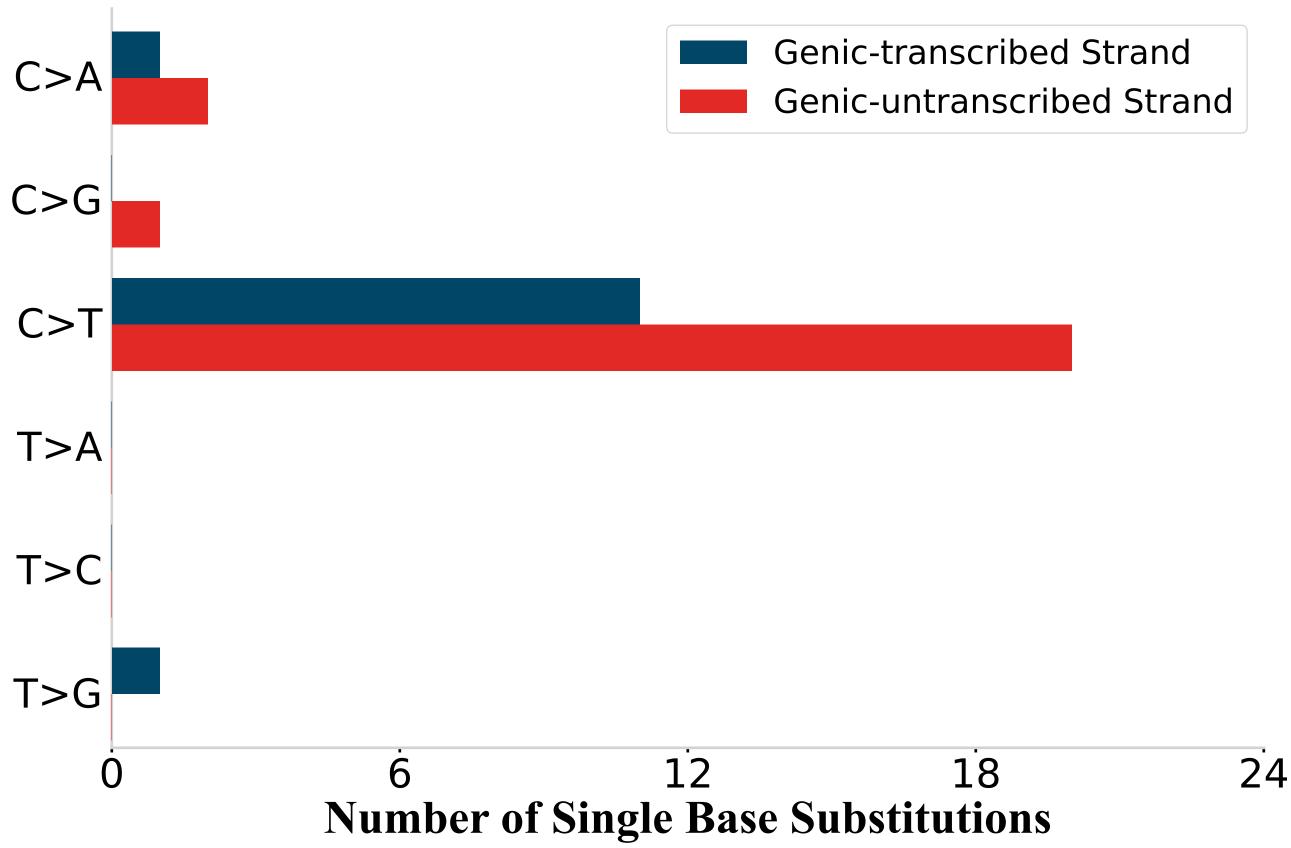
P-0010848-T01-IM5: 13 transcribed subs



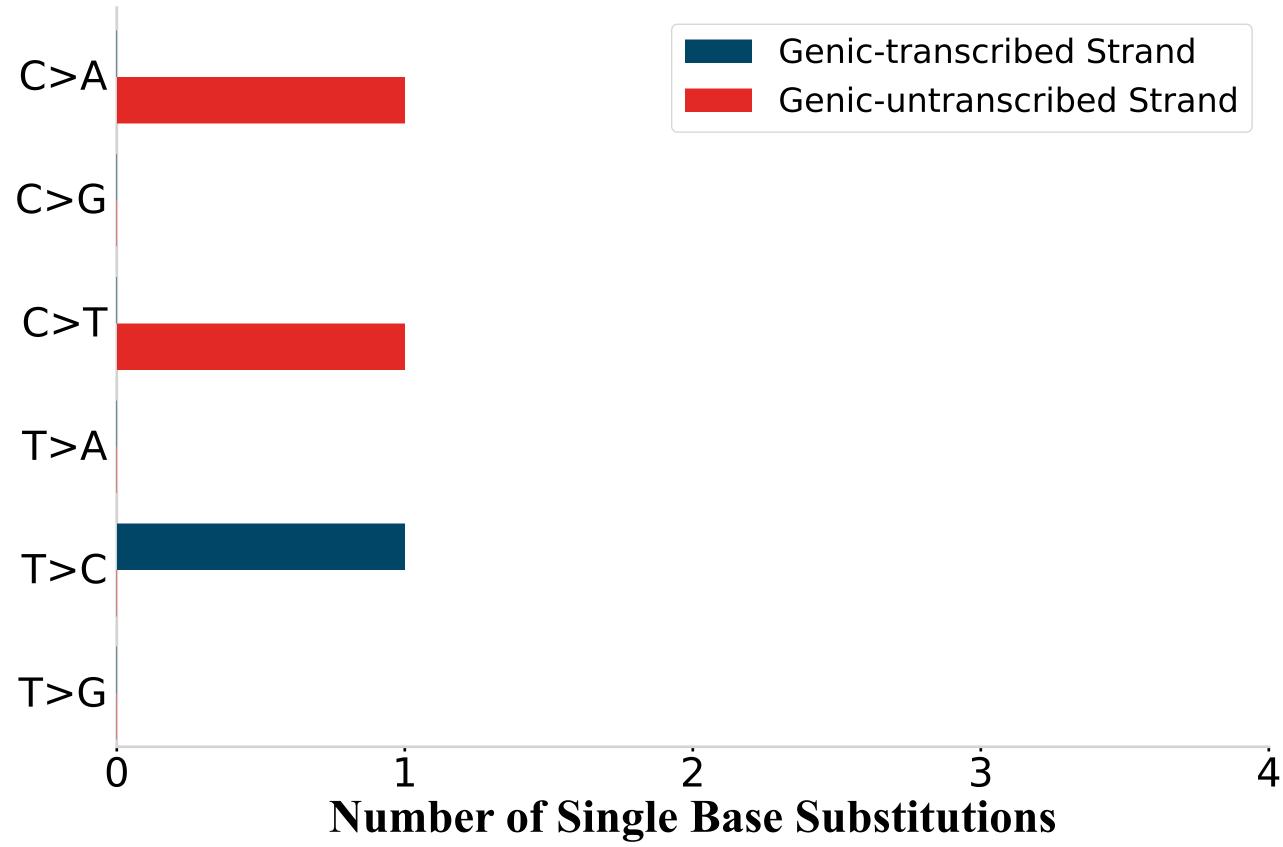
P-0010915-T01-IM5: 19 transcribed subs



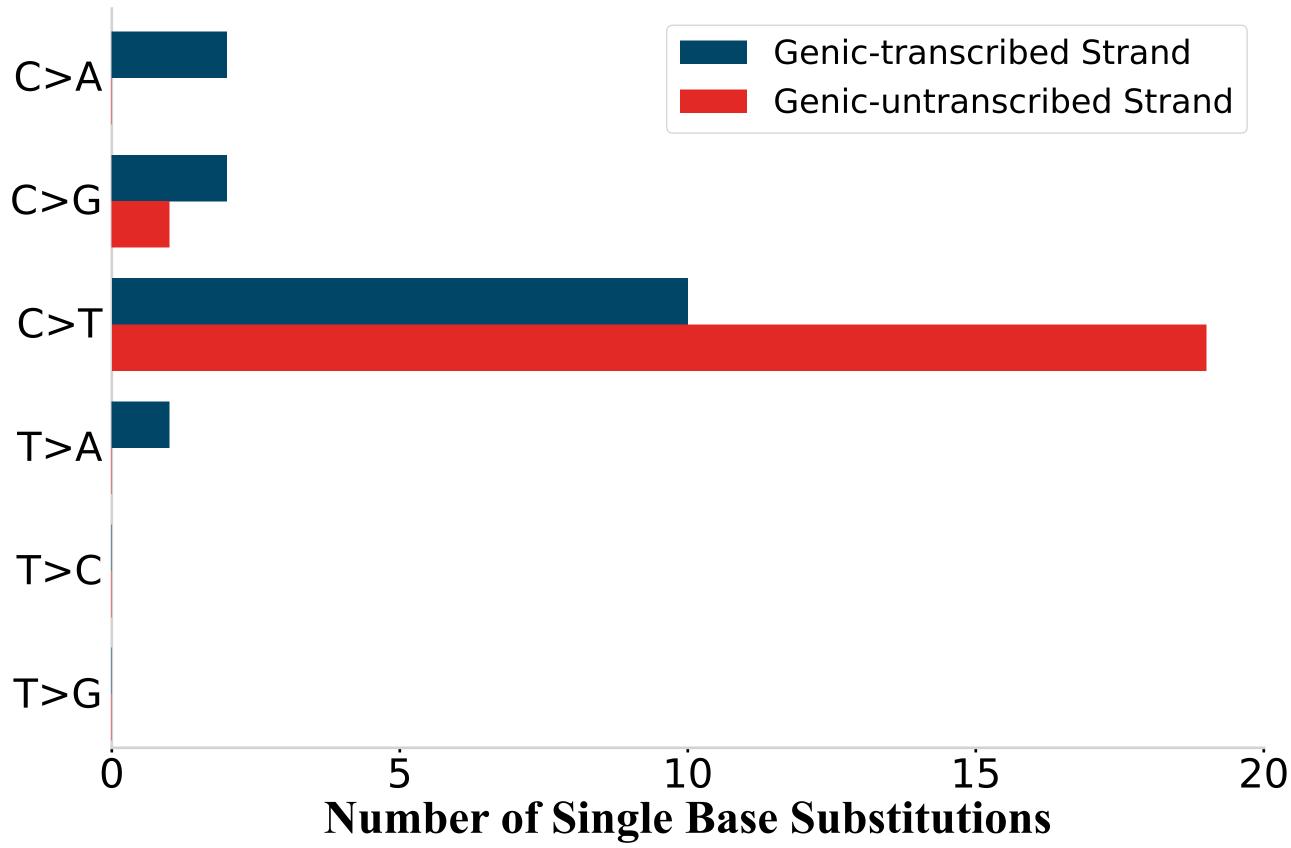
P-0010937-T01-IM5: 36 transcribed subs



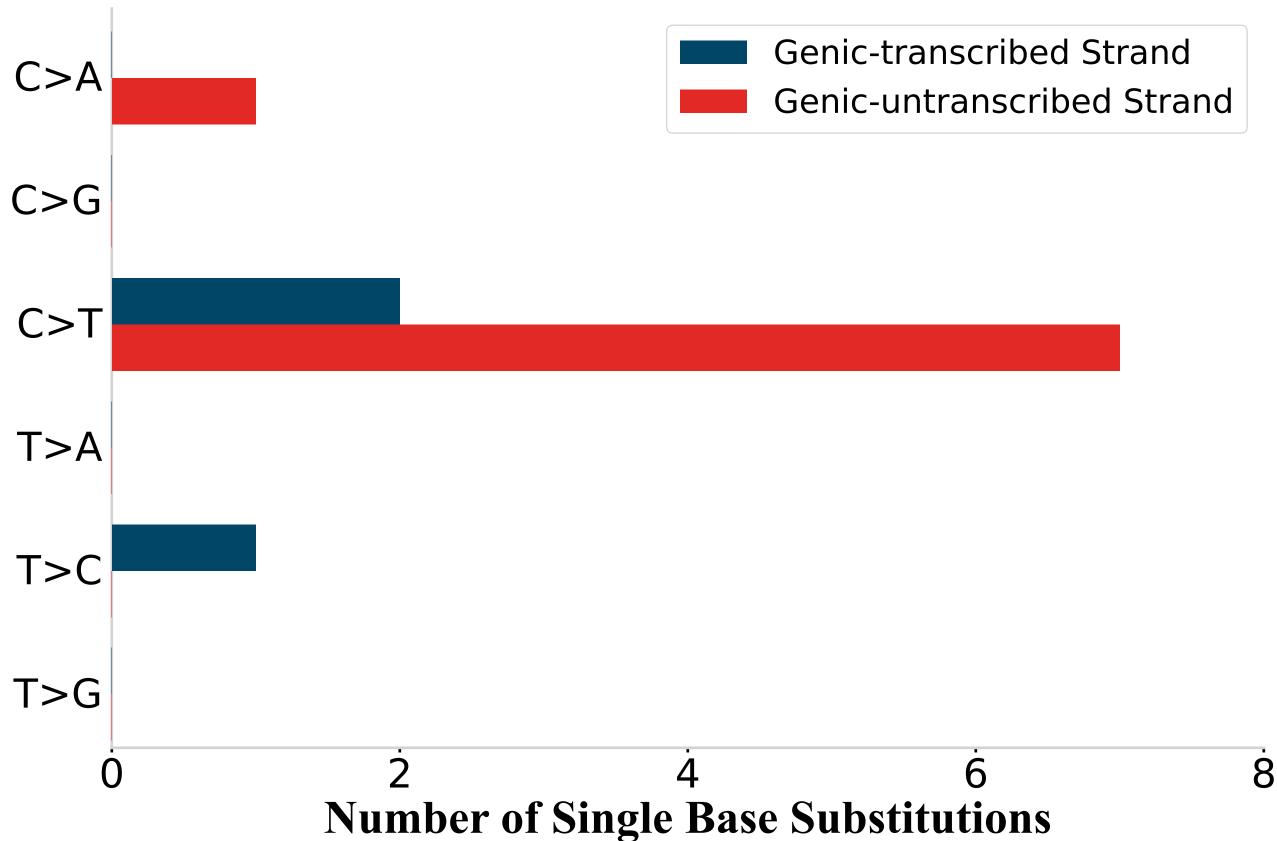
P-0010975-T01-IM5: 3 transcribed subs



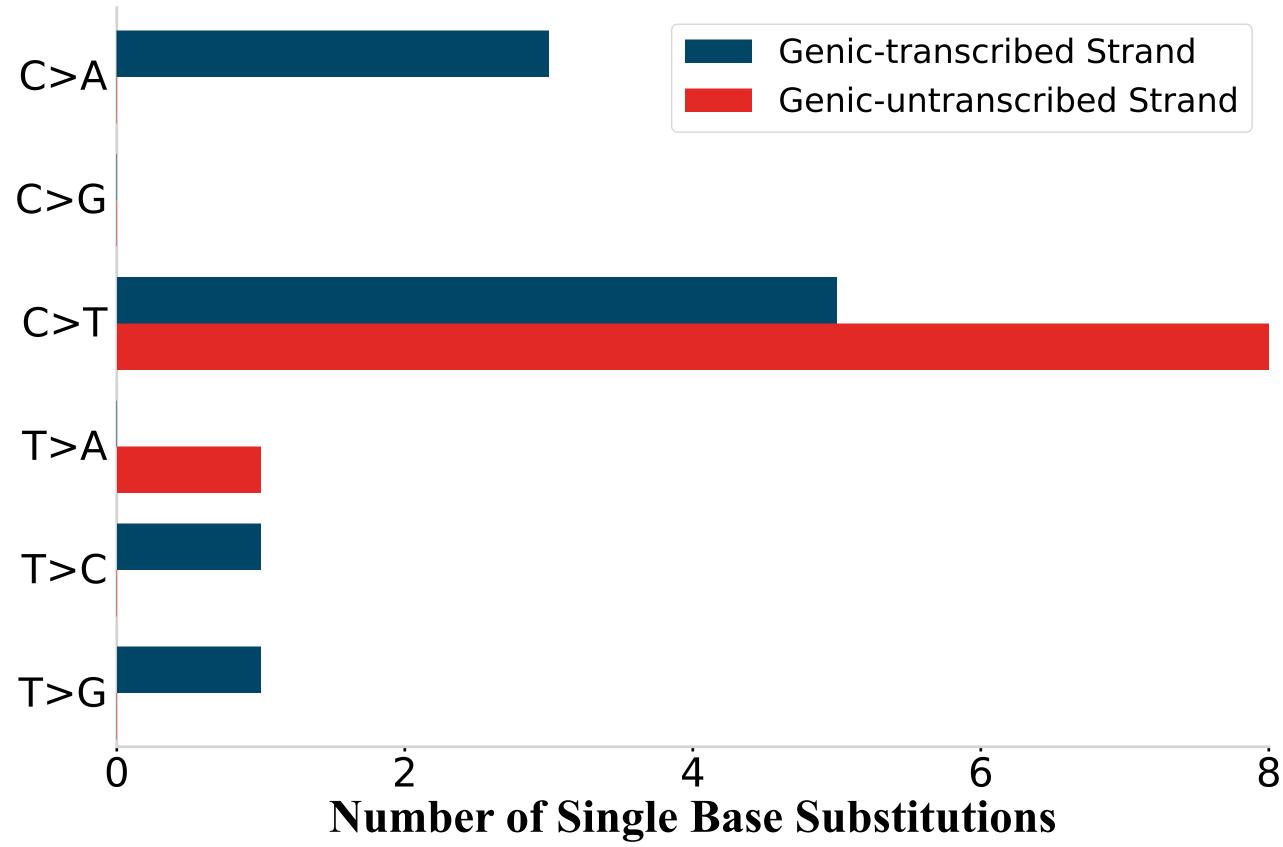
P-0011047-T01-IM5: 35 transcribed subs



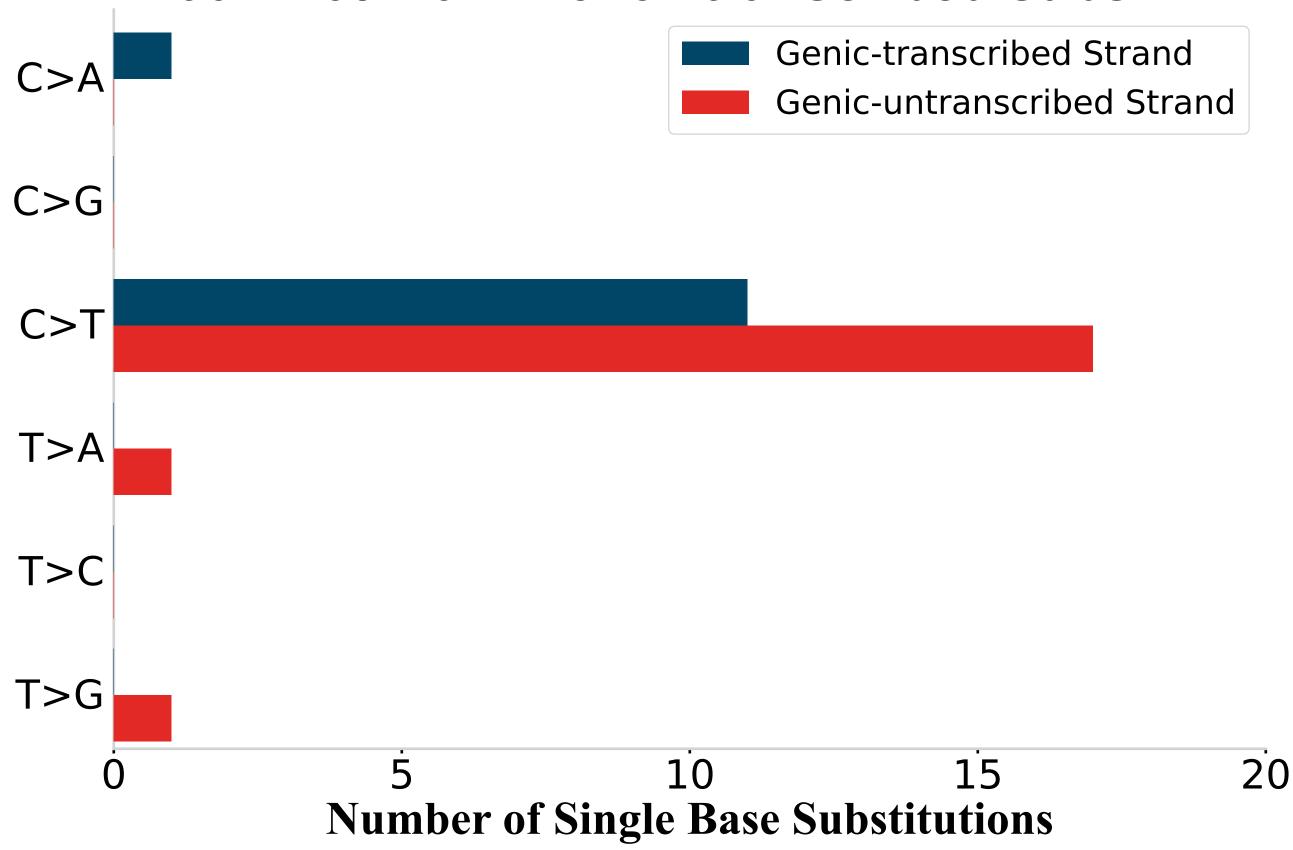
P-0011081-T01-IM5: 11 transcribed subs



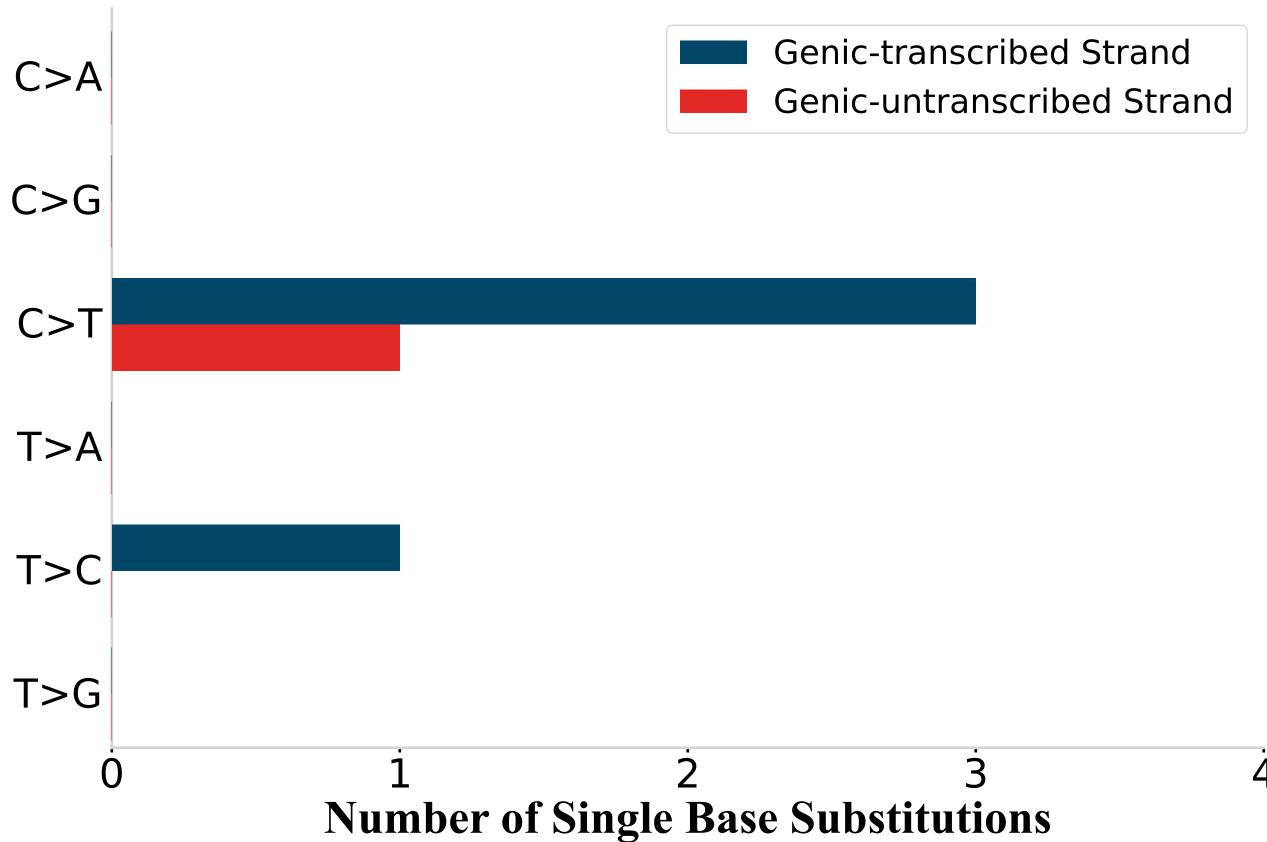
P-0011216-T01-IM5: 19 transcribed subs



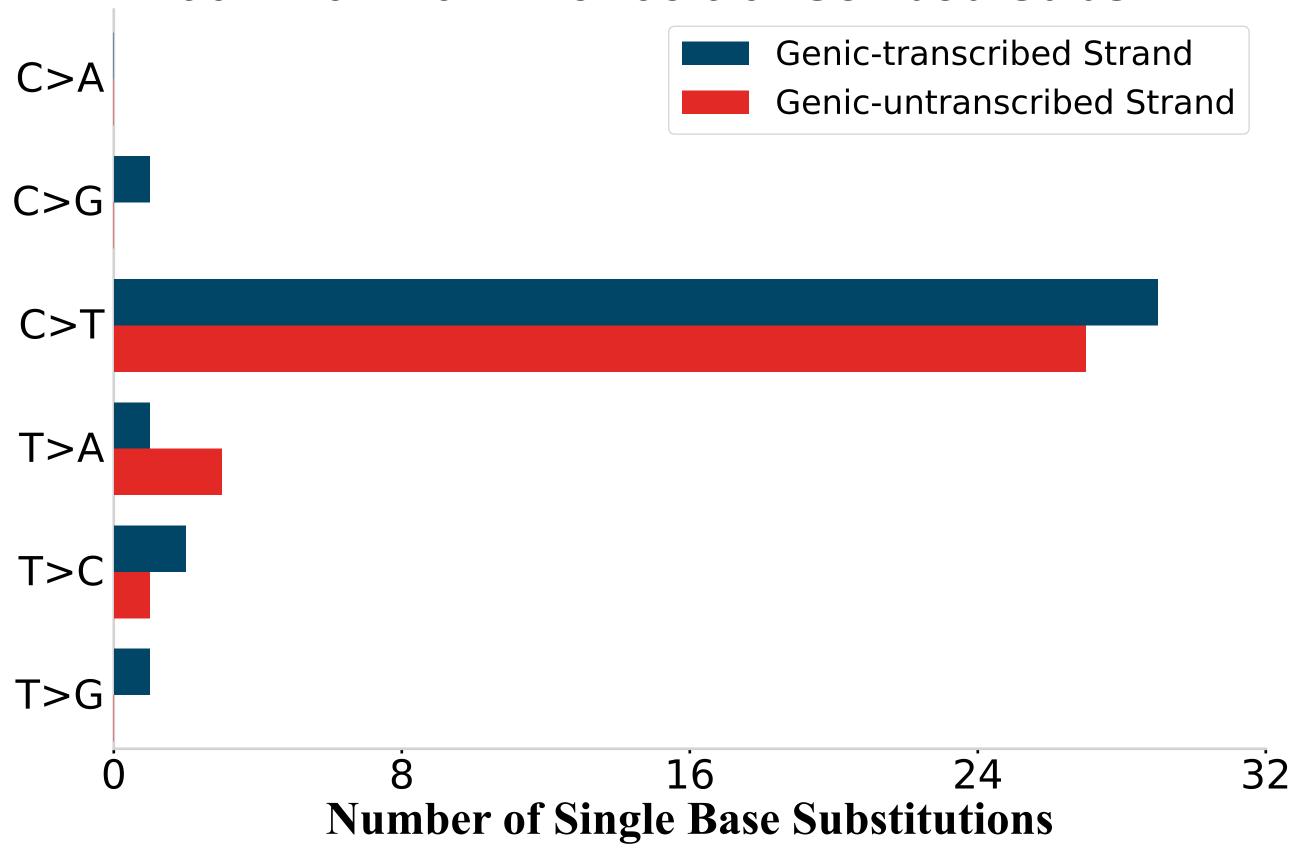
P-0011269-T01-IM5: 31 transcribed subs



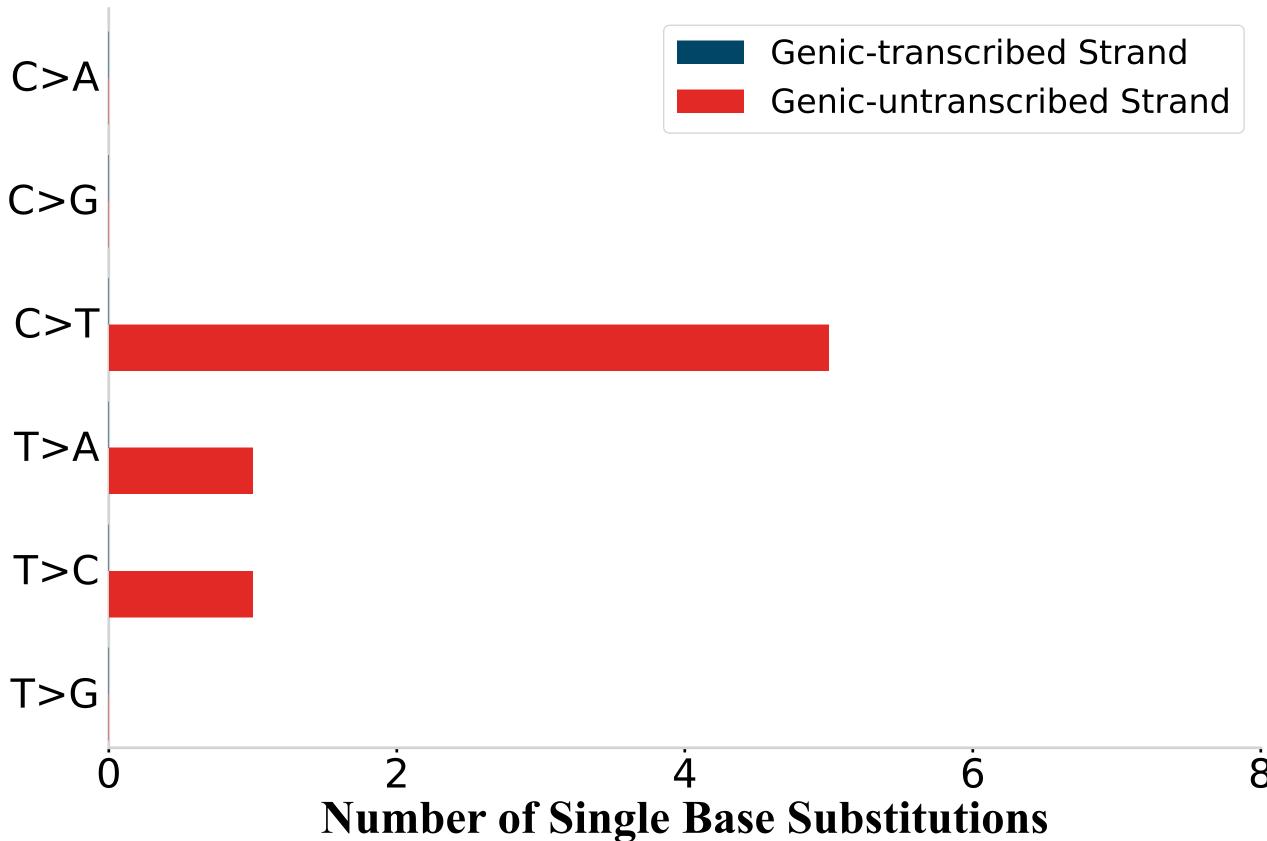
P-0011297-T01-IM5: 5 transcribed subs



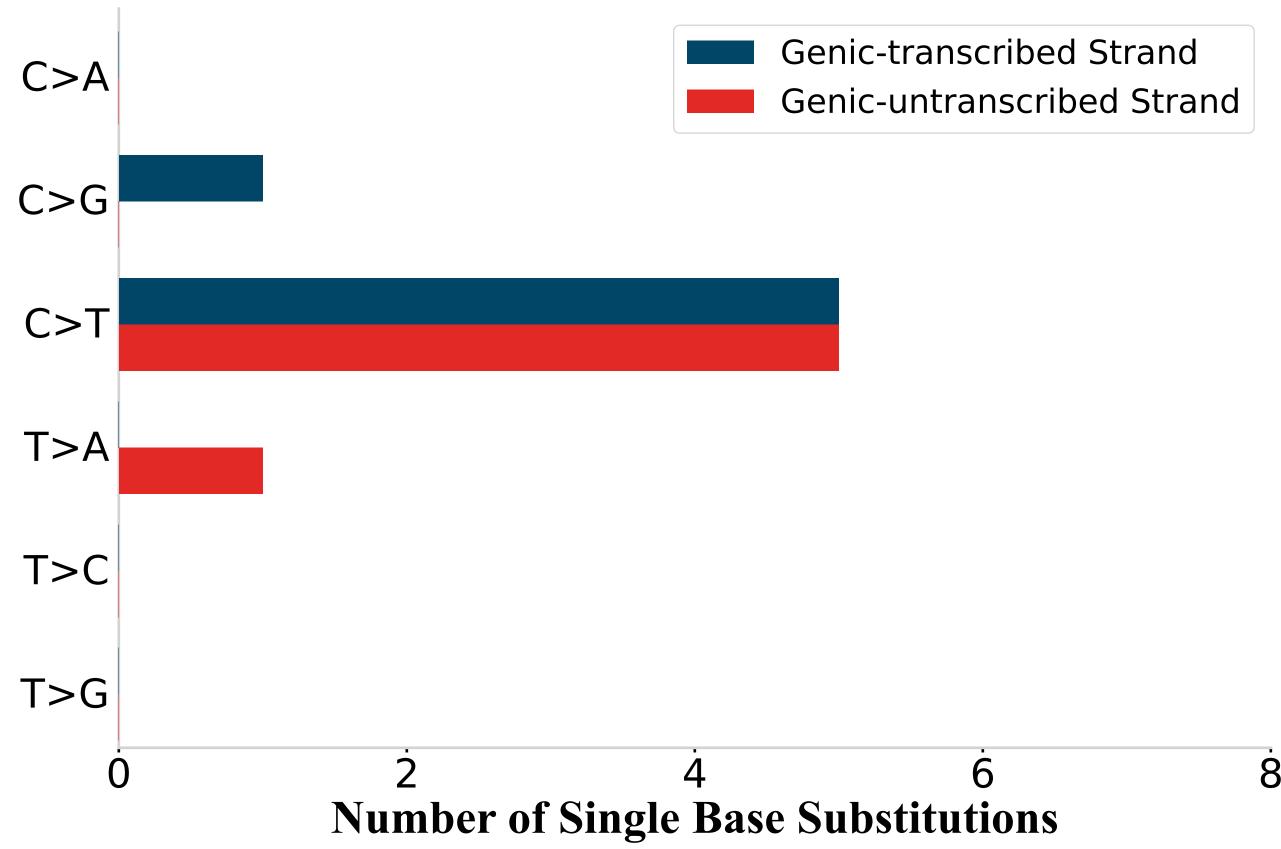
P-0011467-T01-IM5: 65 transcribed subs



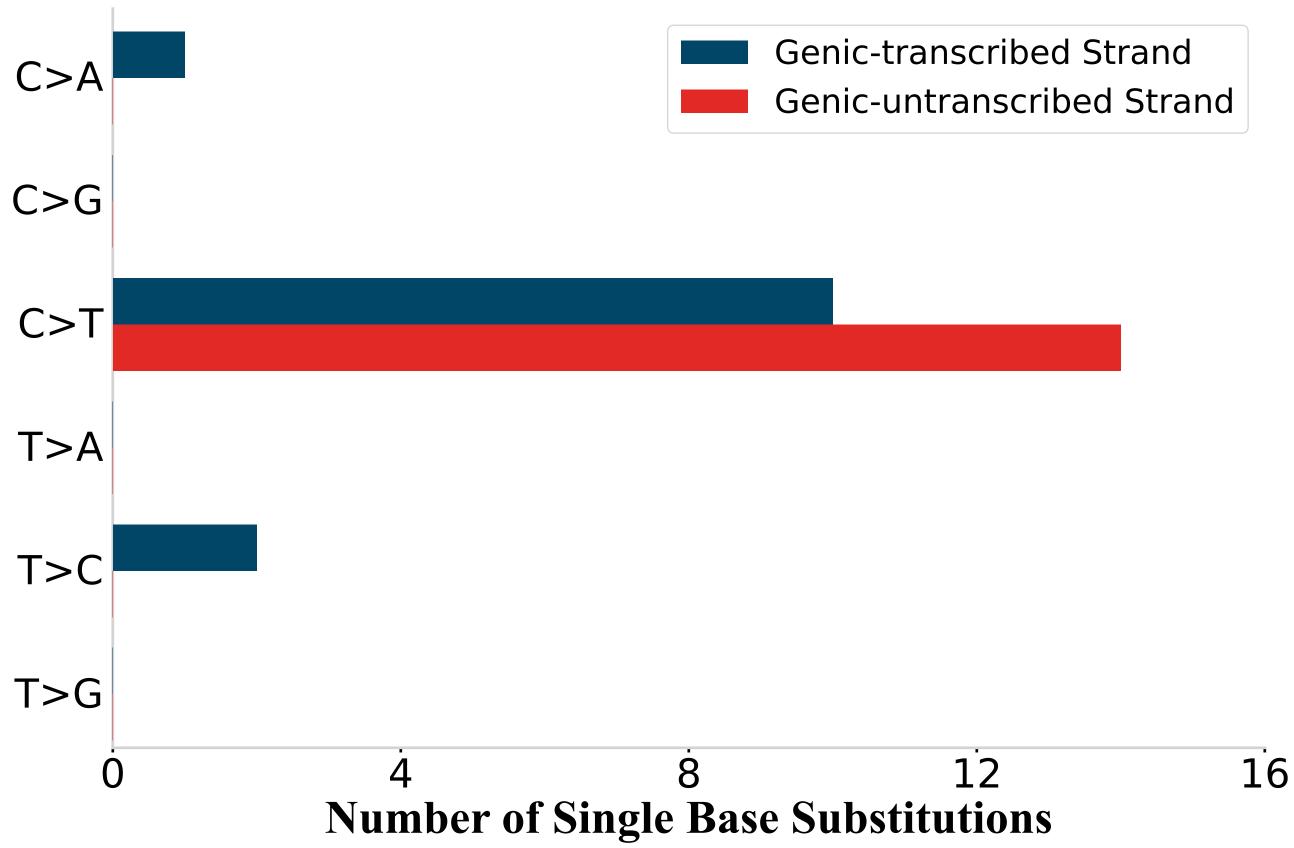
P-0011476-T01-IM5: 7 transcribed subs



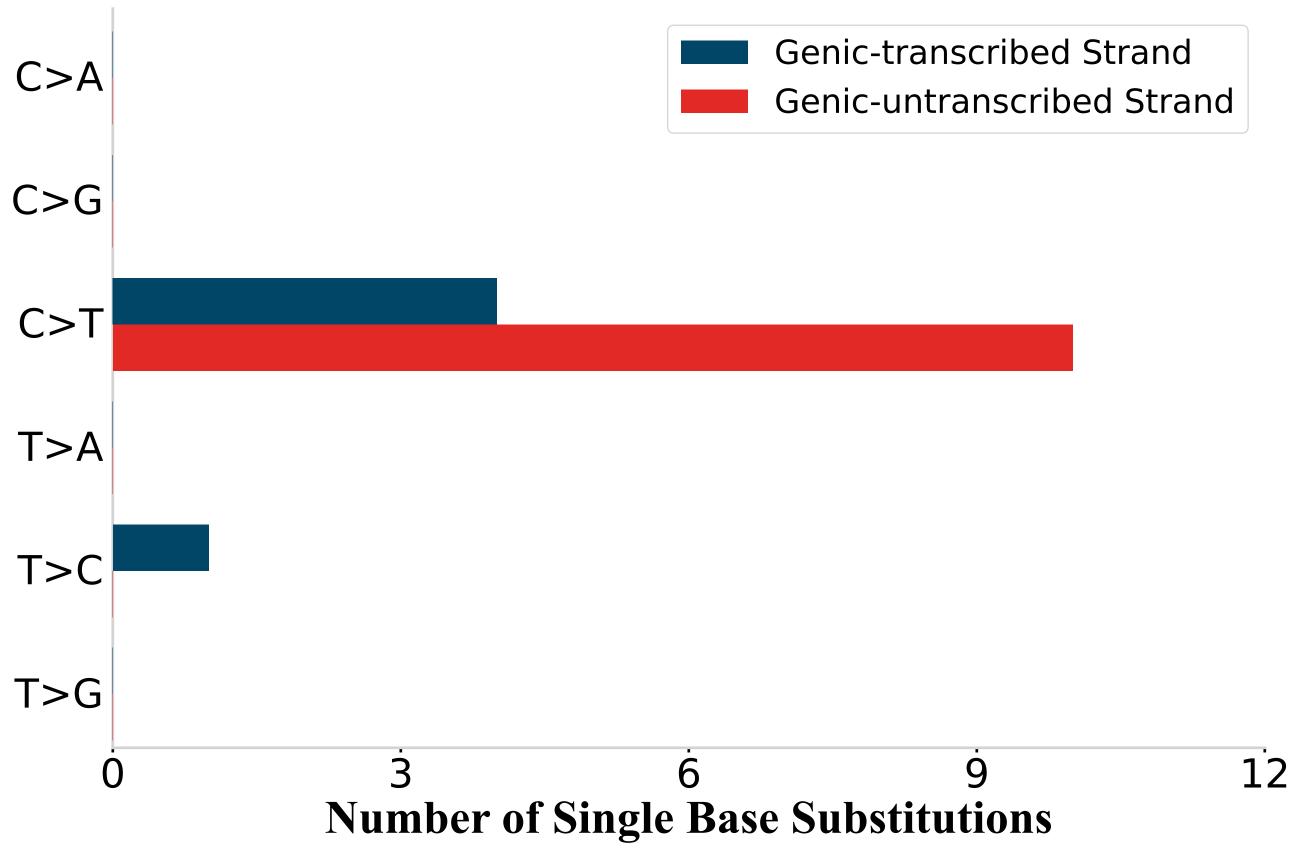
P-0011594-T01-IM5: 12 transcribed subs



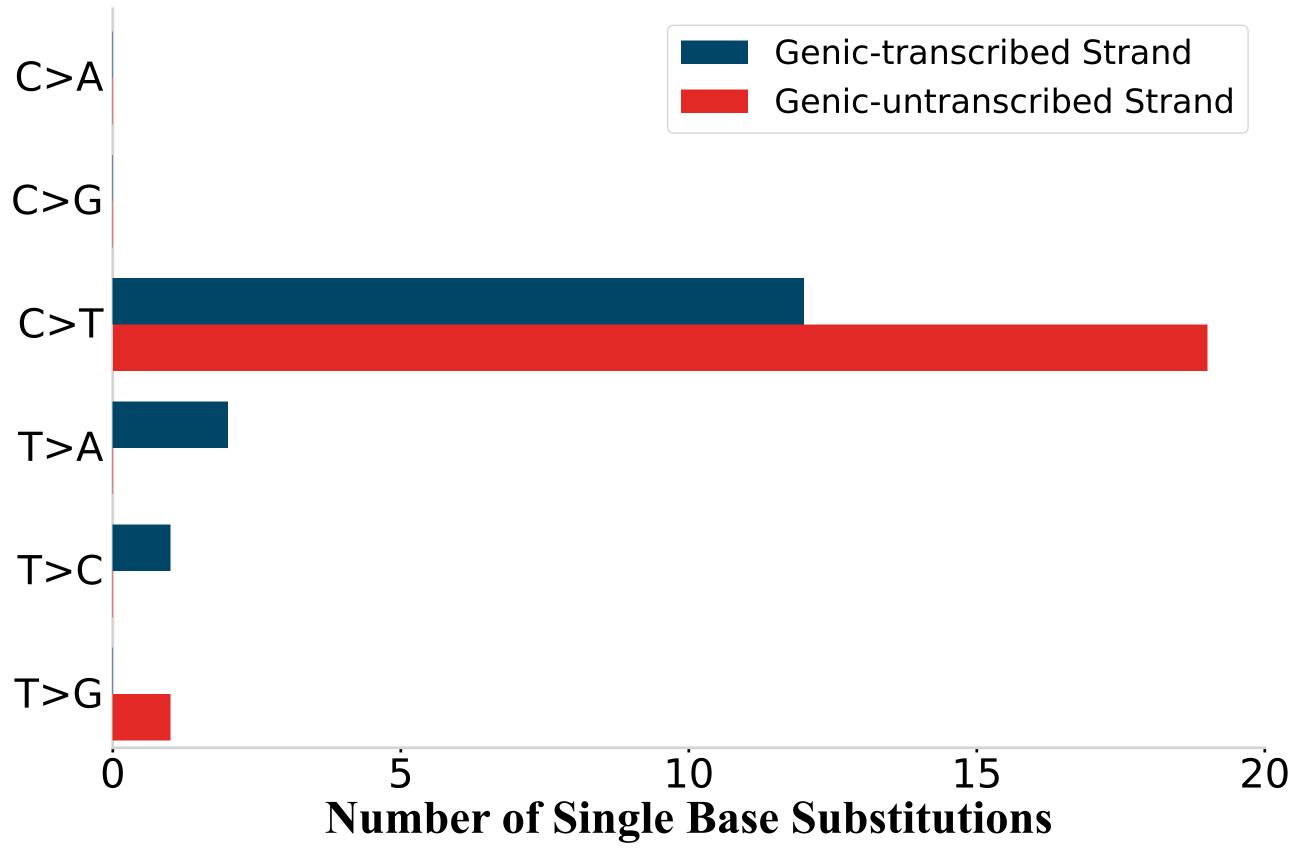
P-0012080-T01-IM5: 27 transcribed subs



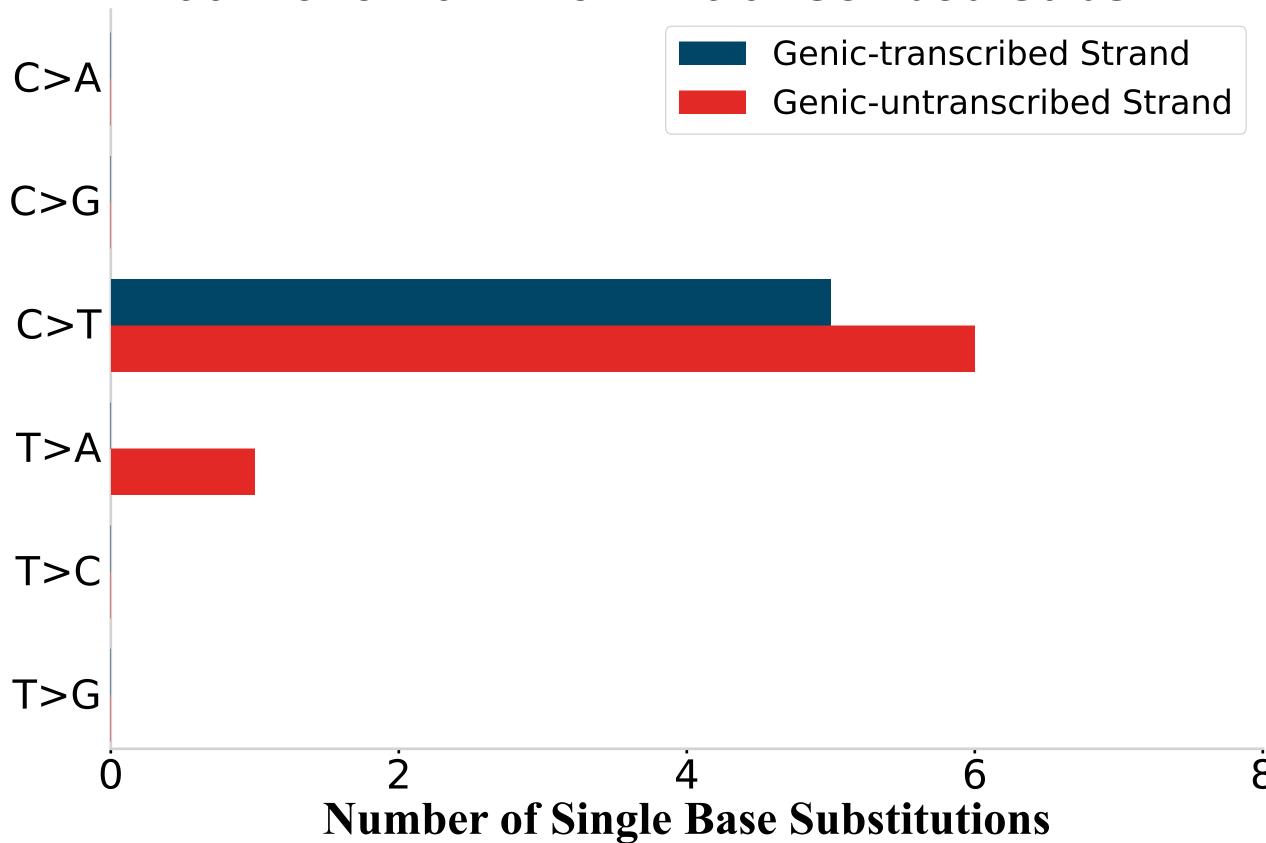
P-0012119-T01-IM5: 15 transcribed subs



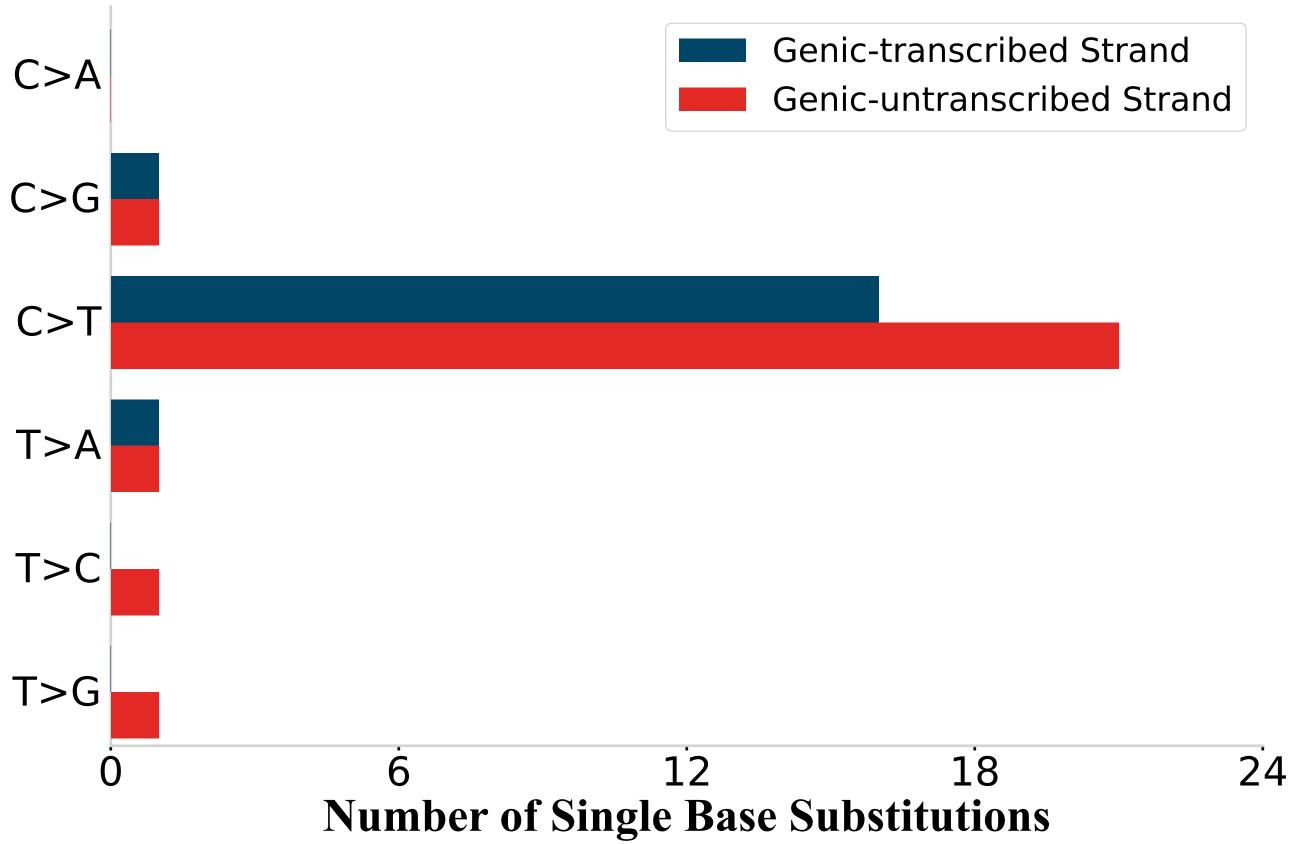
P-0012194-T01-IM5: 35 transcribed subs



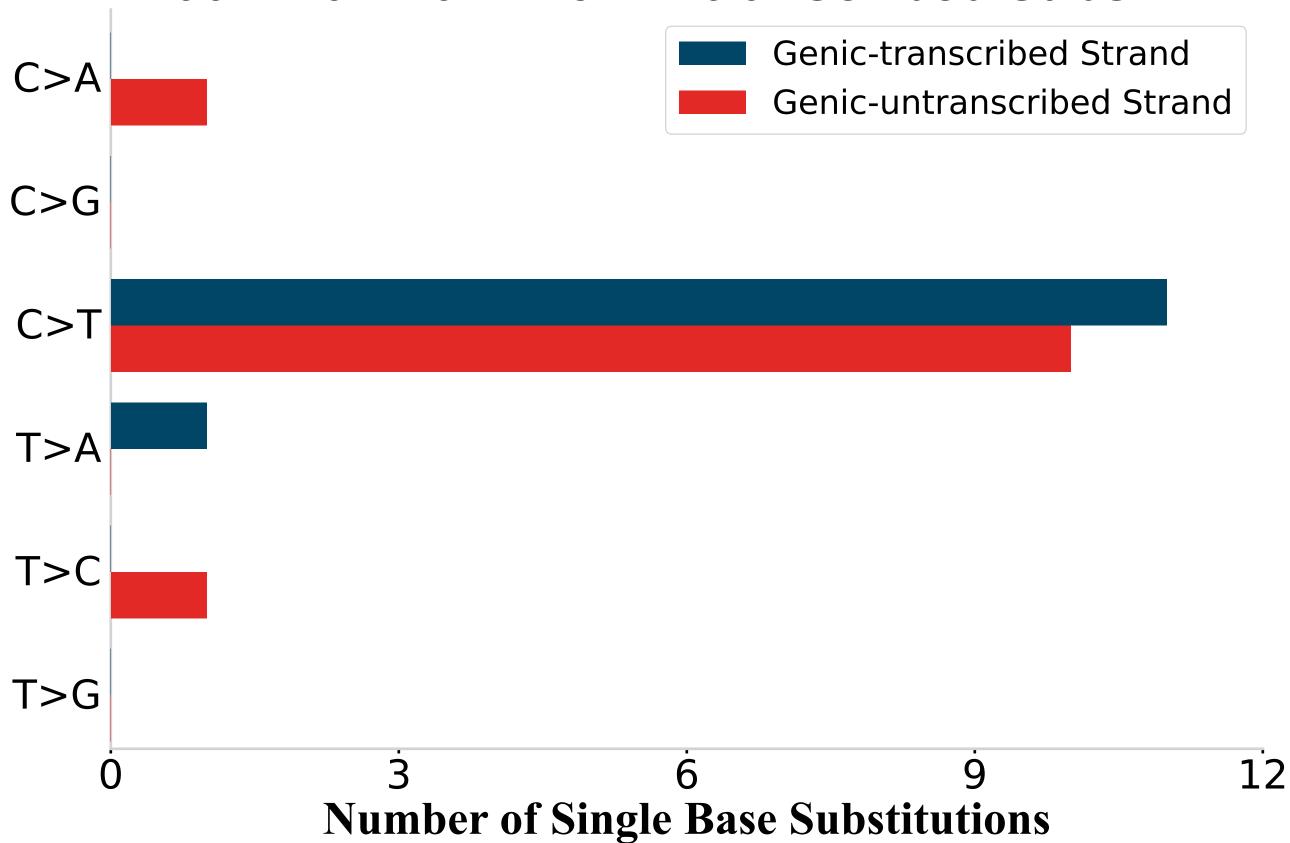
P-0012315-T01-IM5: 12 transcribed subs



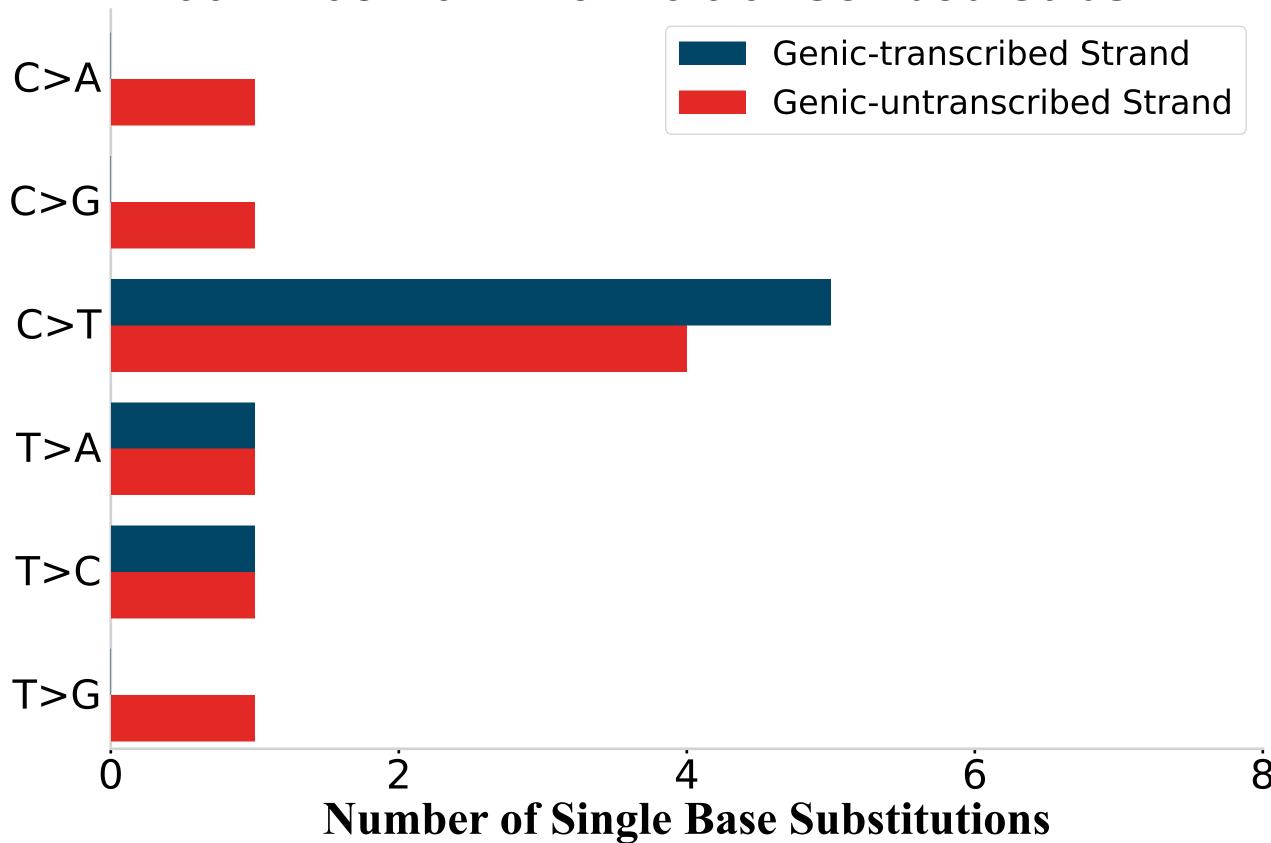
P-0012361-T01-IM5: 43 transcribed subs



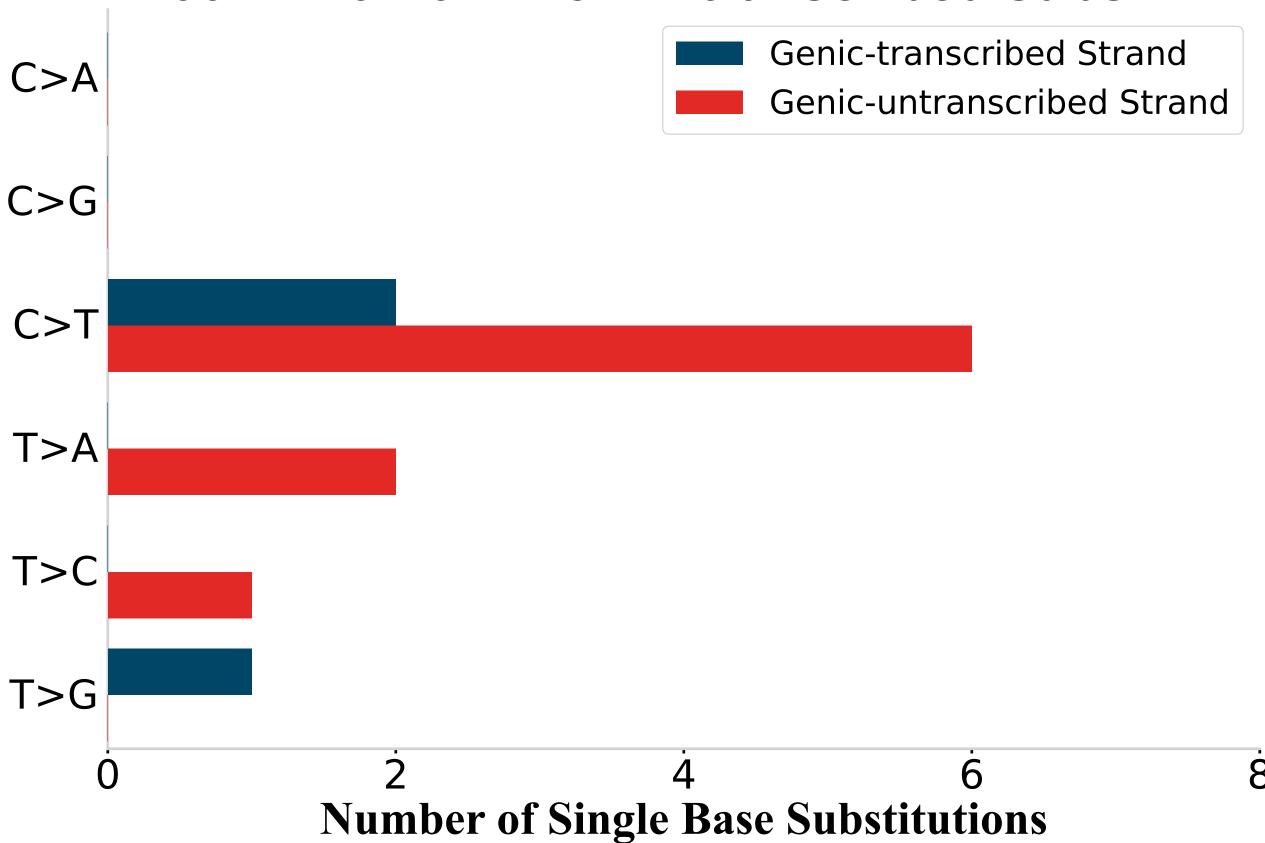
P-0012407-T01-IM5: 24 transcribed subs



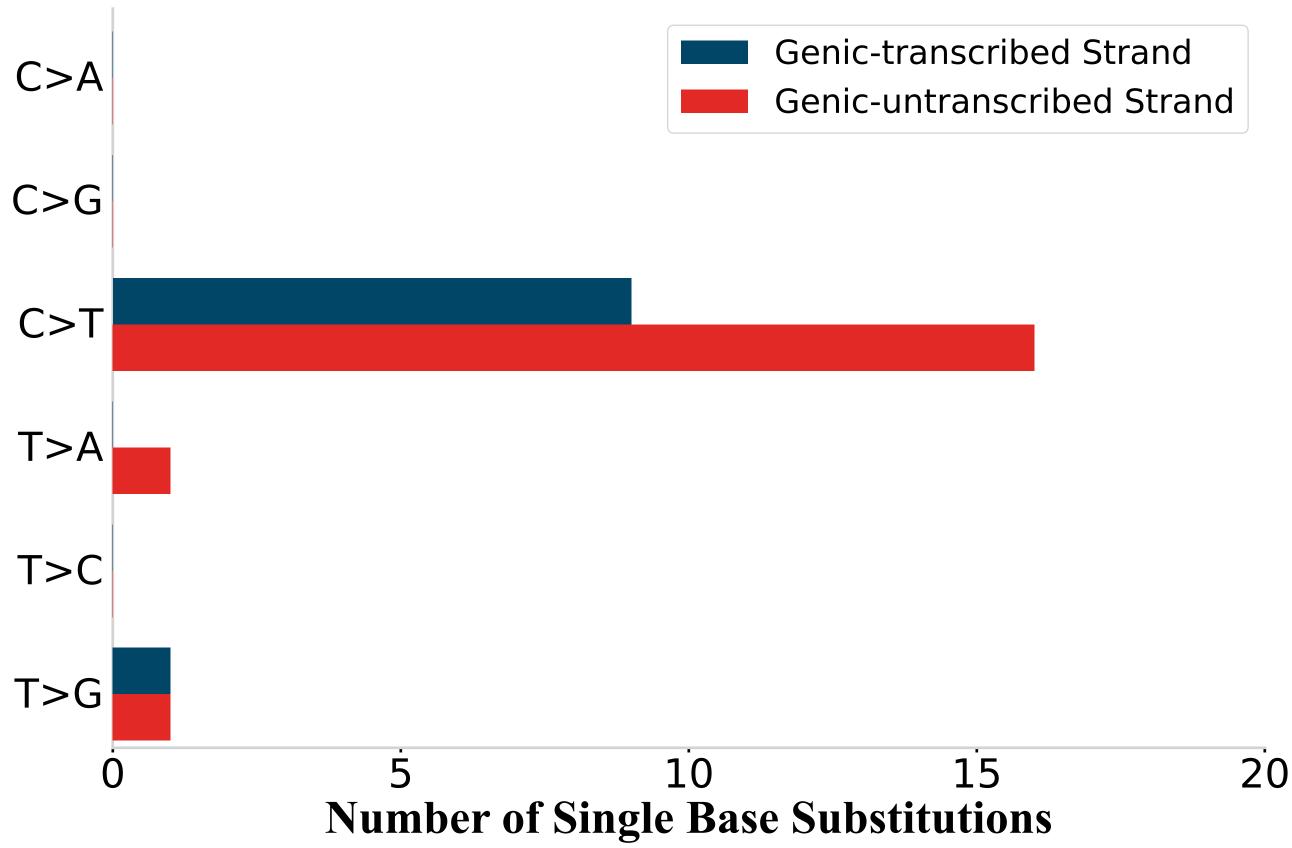
P-0012408-T01-IM5: 16 transcribed subs



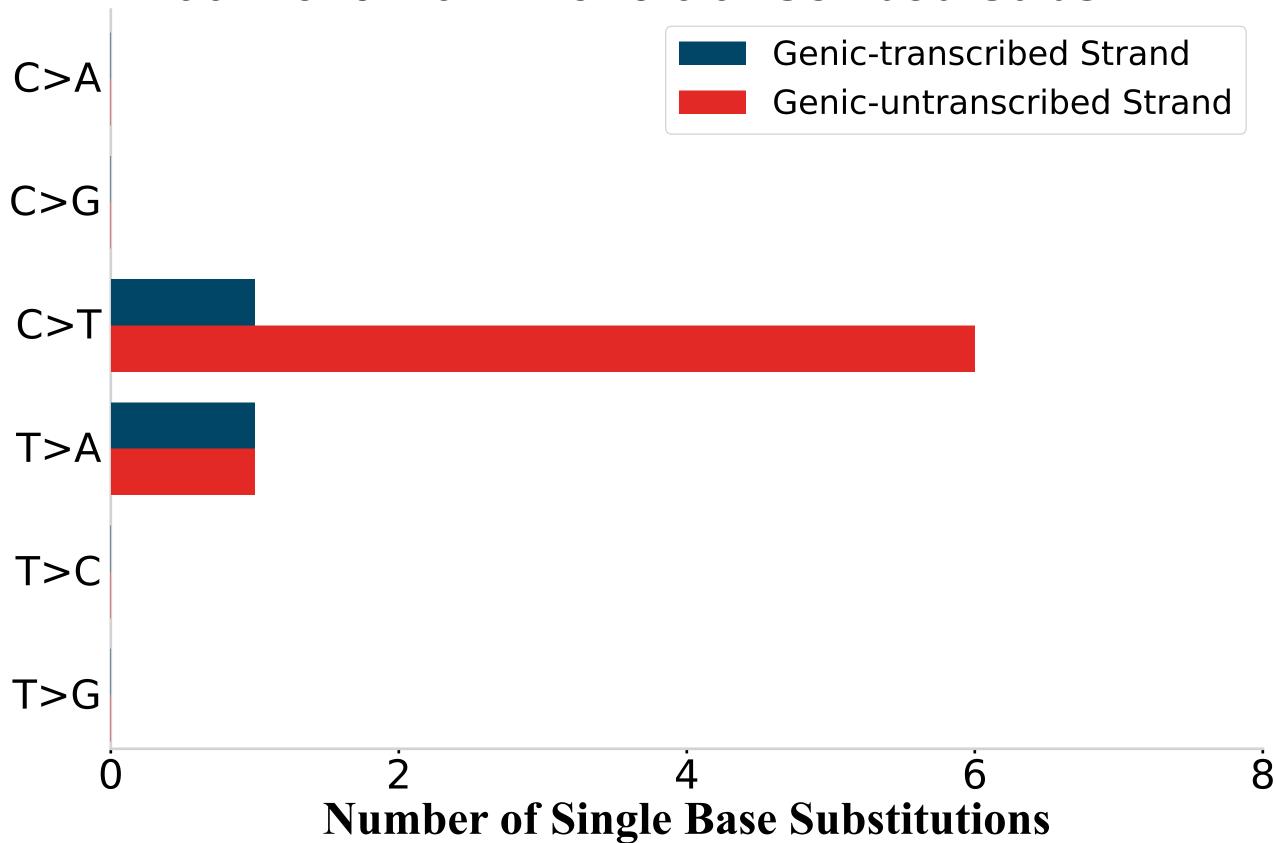
P-0012420-T01-IM5: 12 transcribed subs



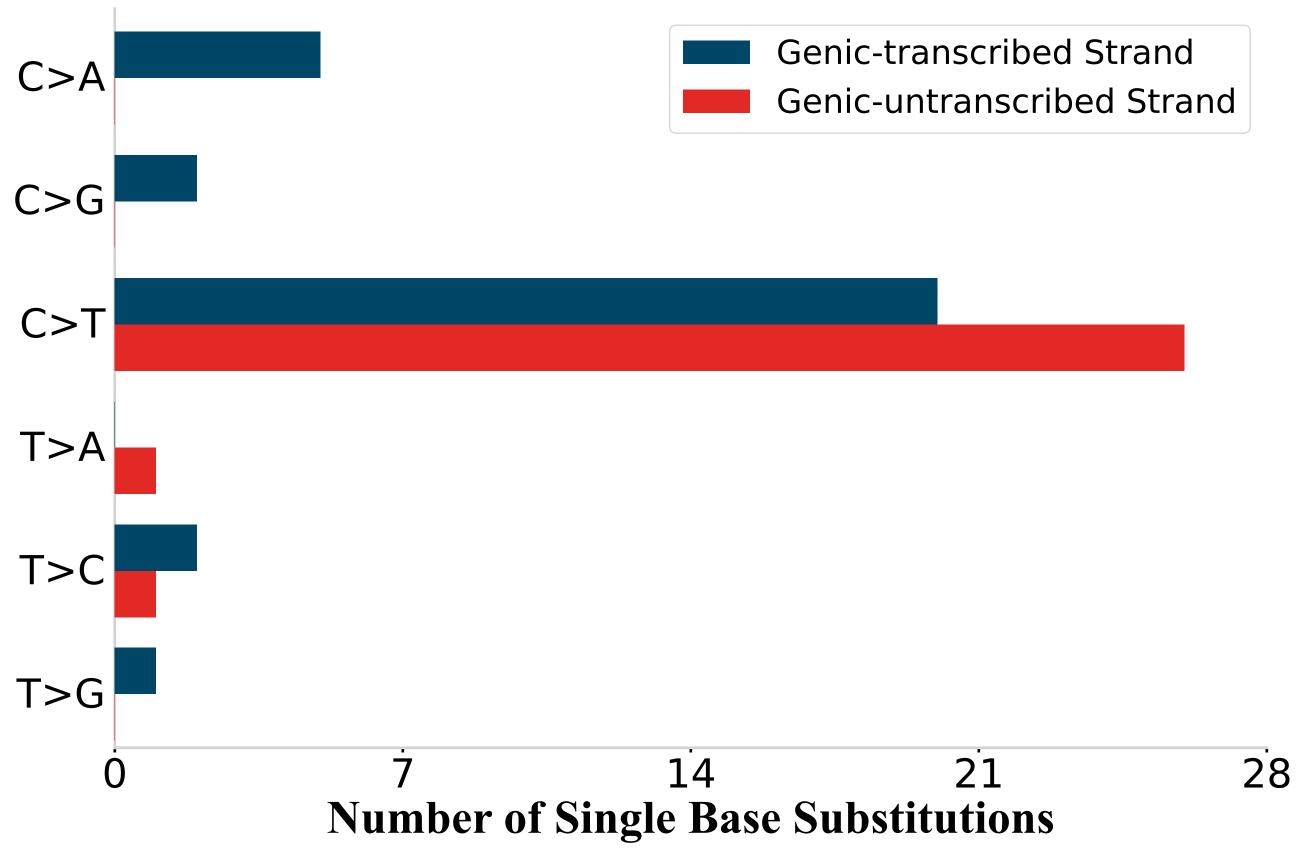
P-0012446-T01-IM5: 28 transcribed subs



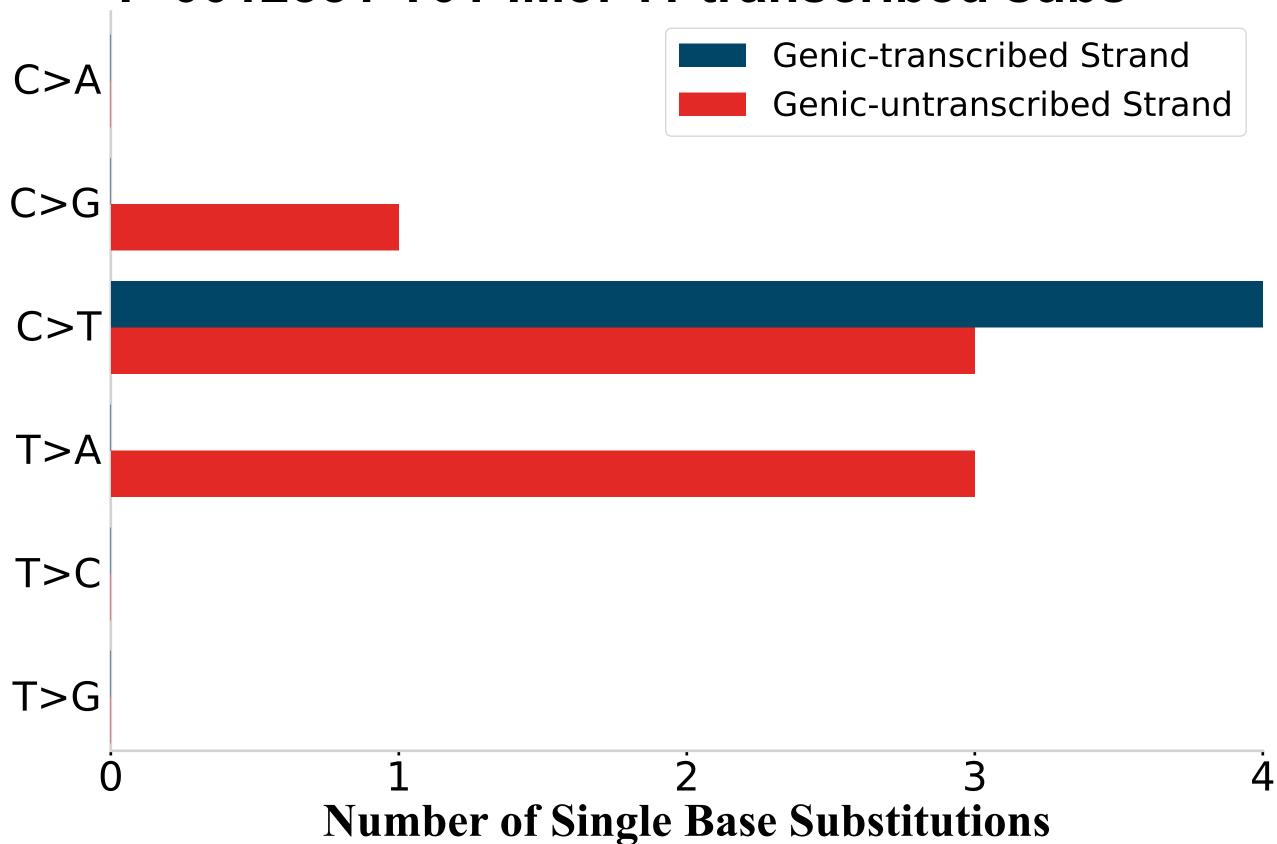
P-0012529-T01-IM5: 9 transcribed subs



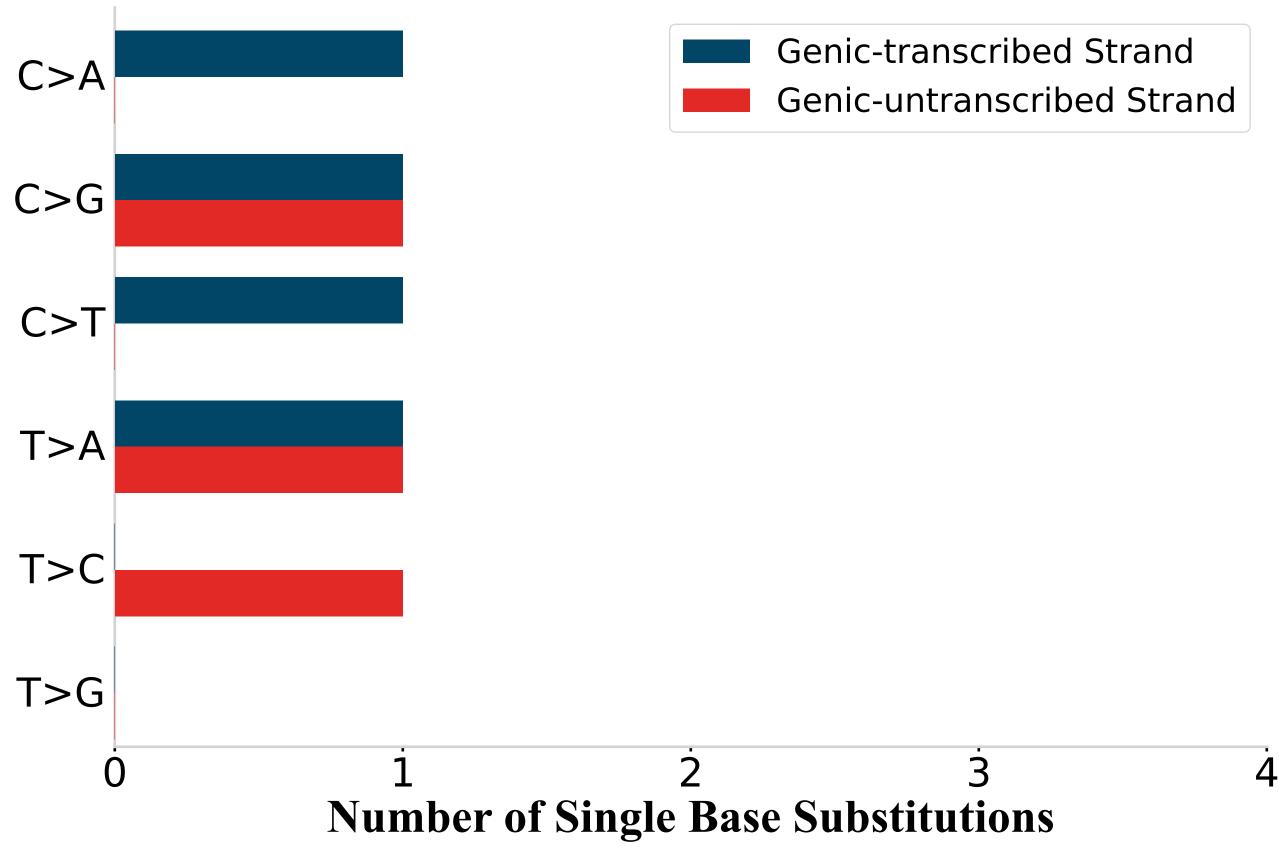
P-0012550-T01-IM5: 58 transcribed subs



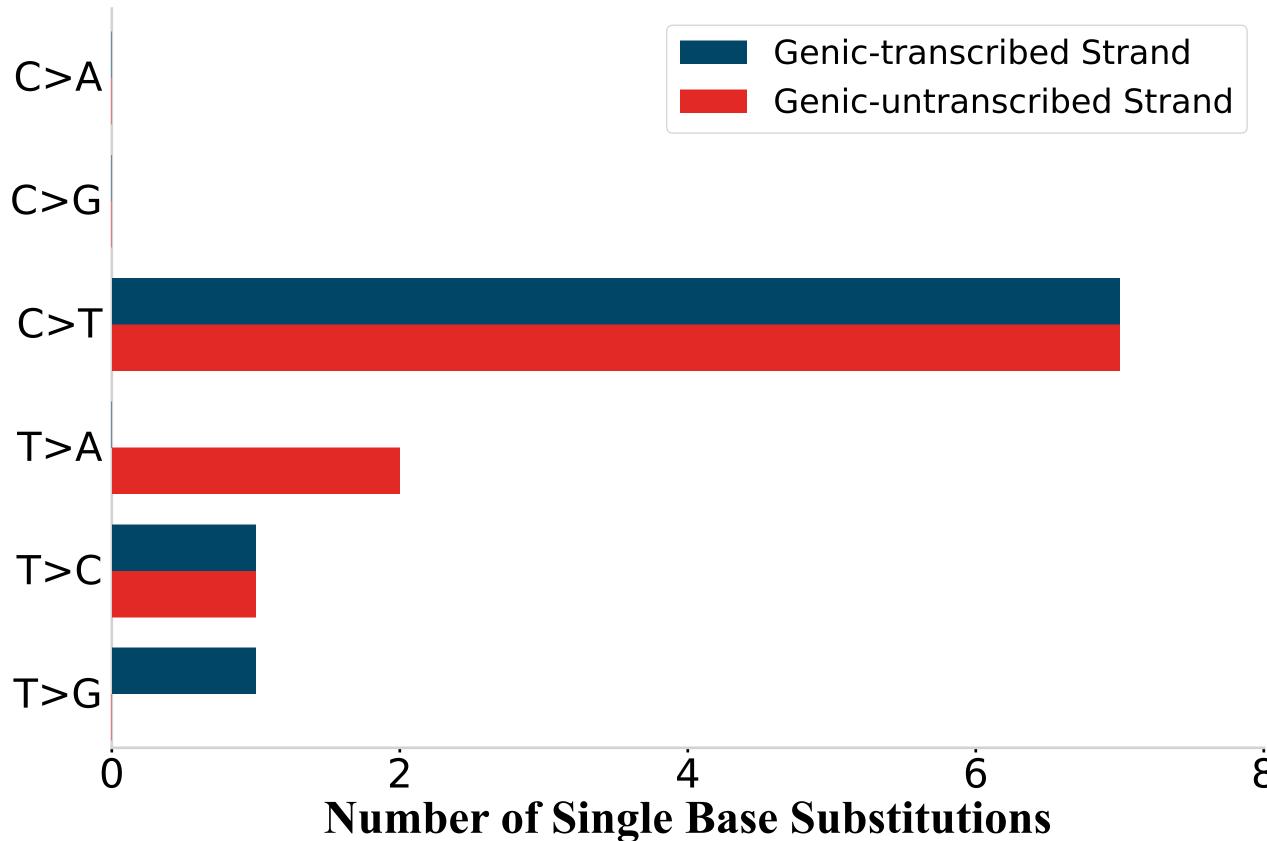
P-0012551-T01-IM5: 11 transcribed subs



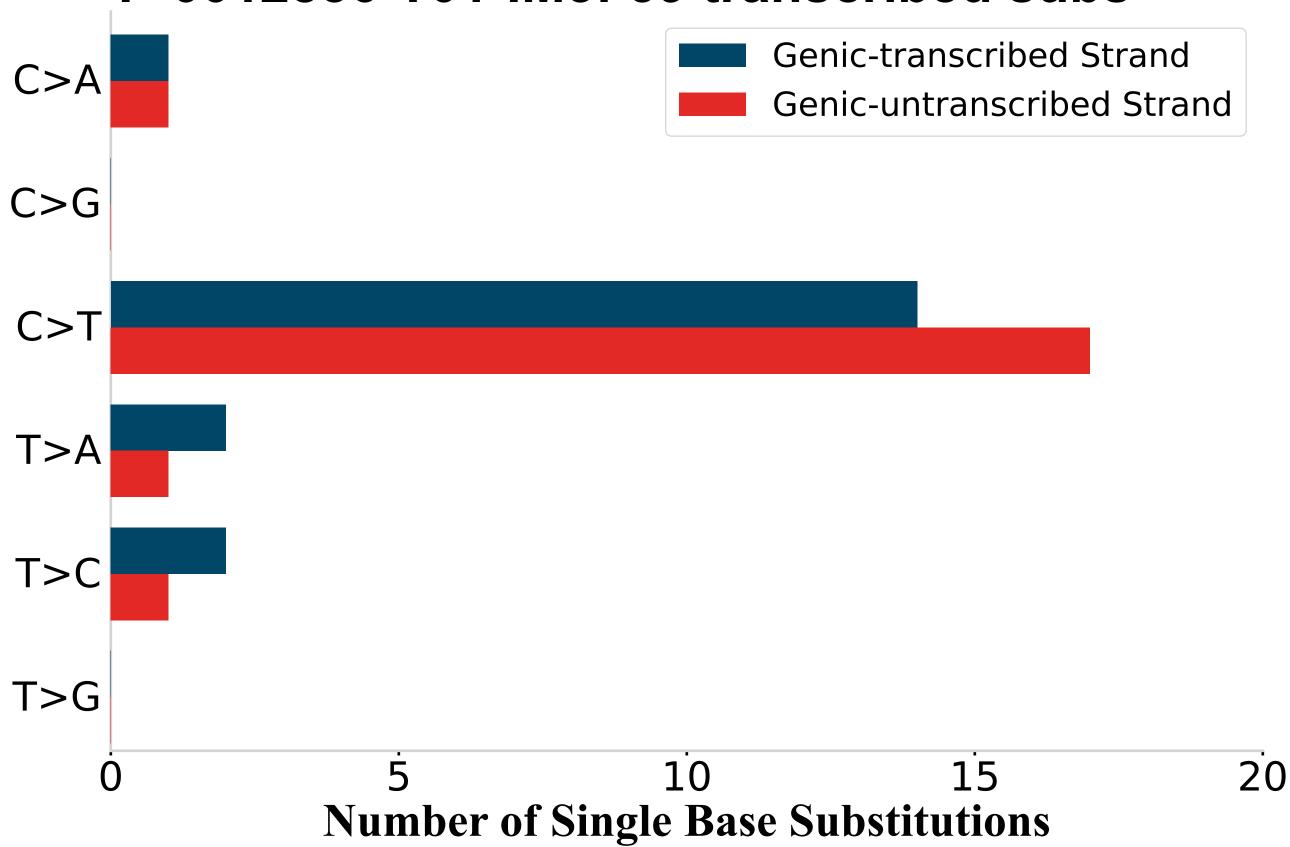
P-0012780-T01-IM5: 7 transcribed subs



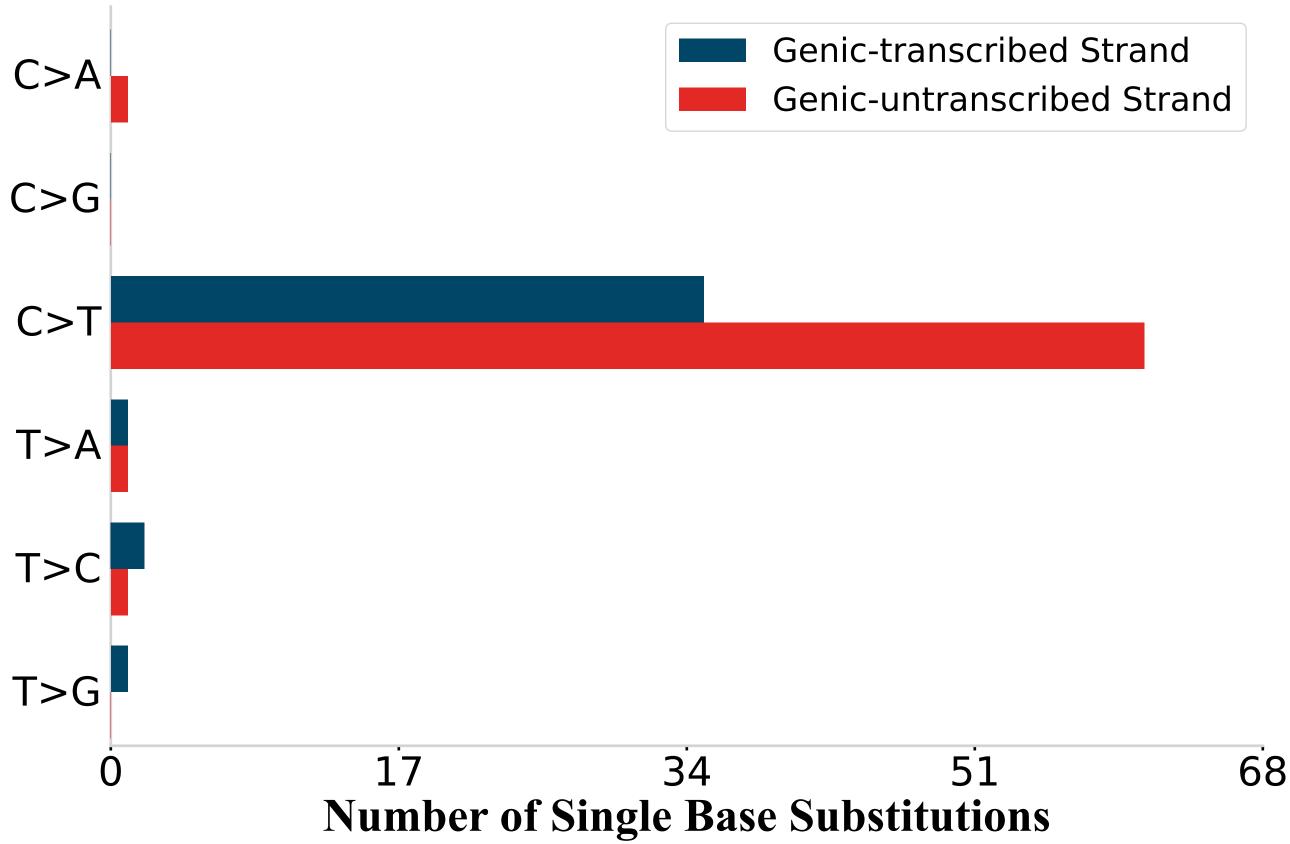
P-0012783-T01-IM5: 19 transcribed subs



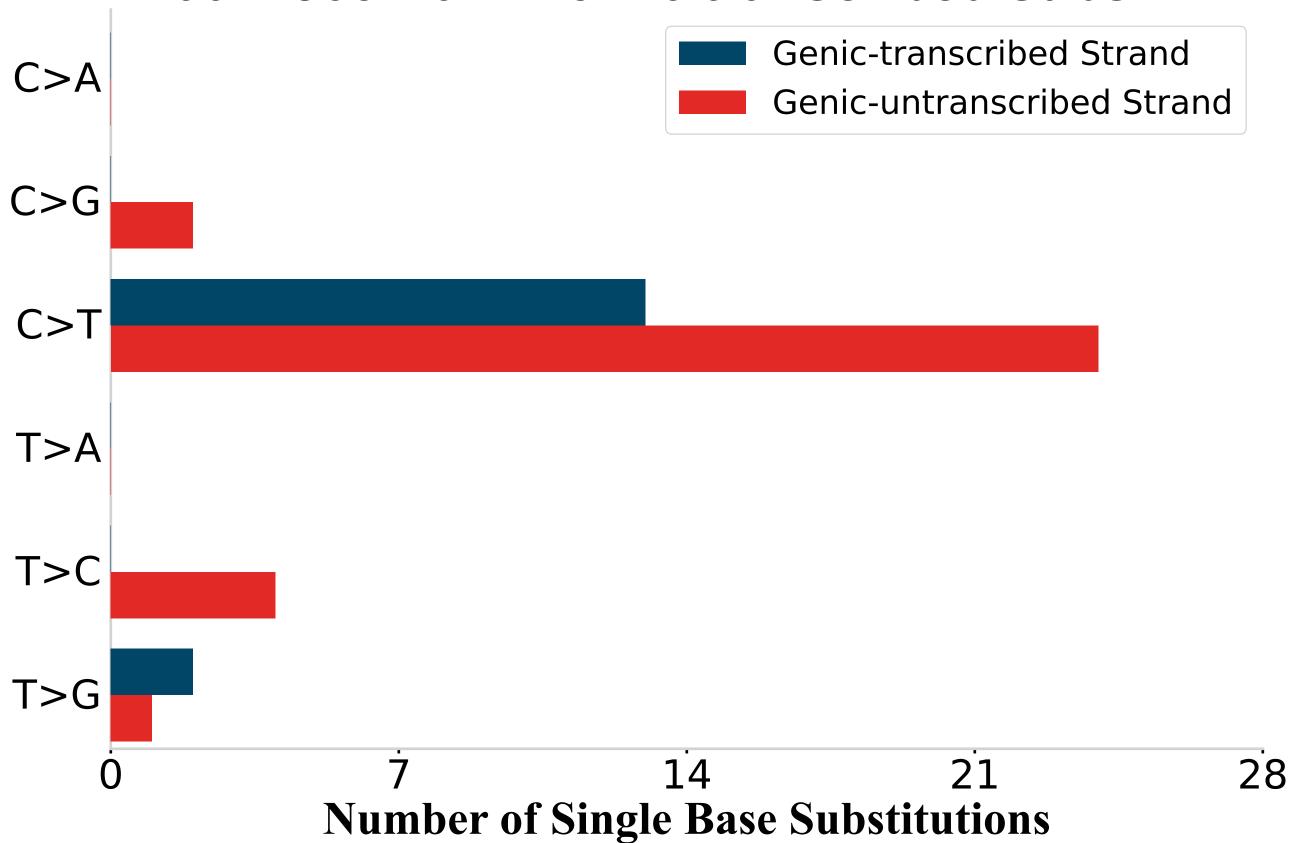
P-0012856-T01-IM5: 39 transcribed subs



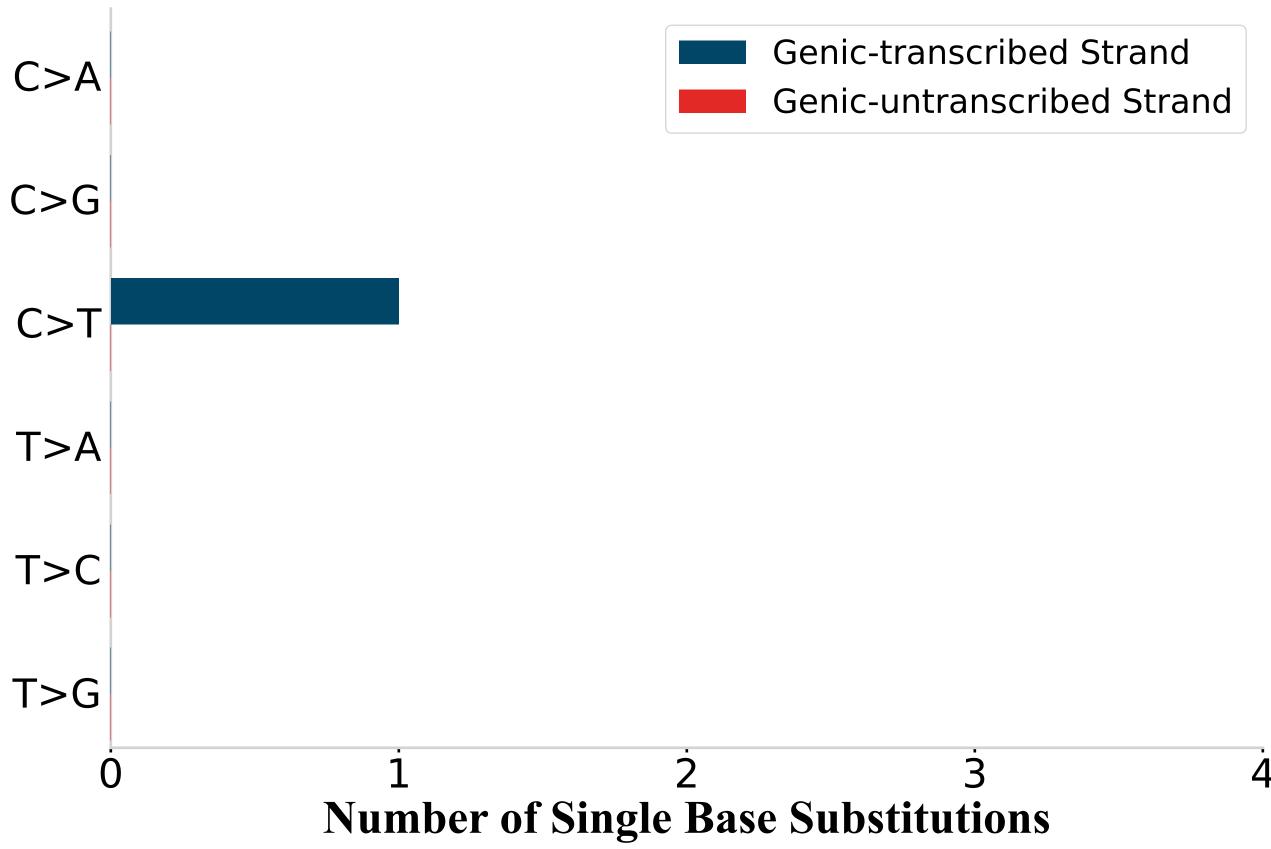
P-0012860-T01-IM5: 103 transcribed subs



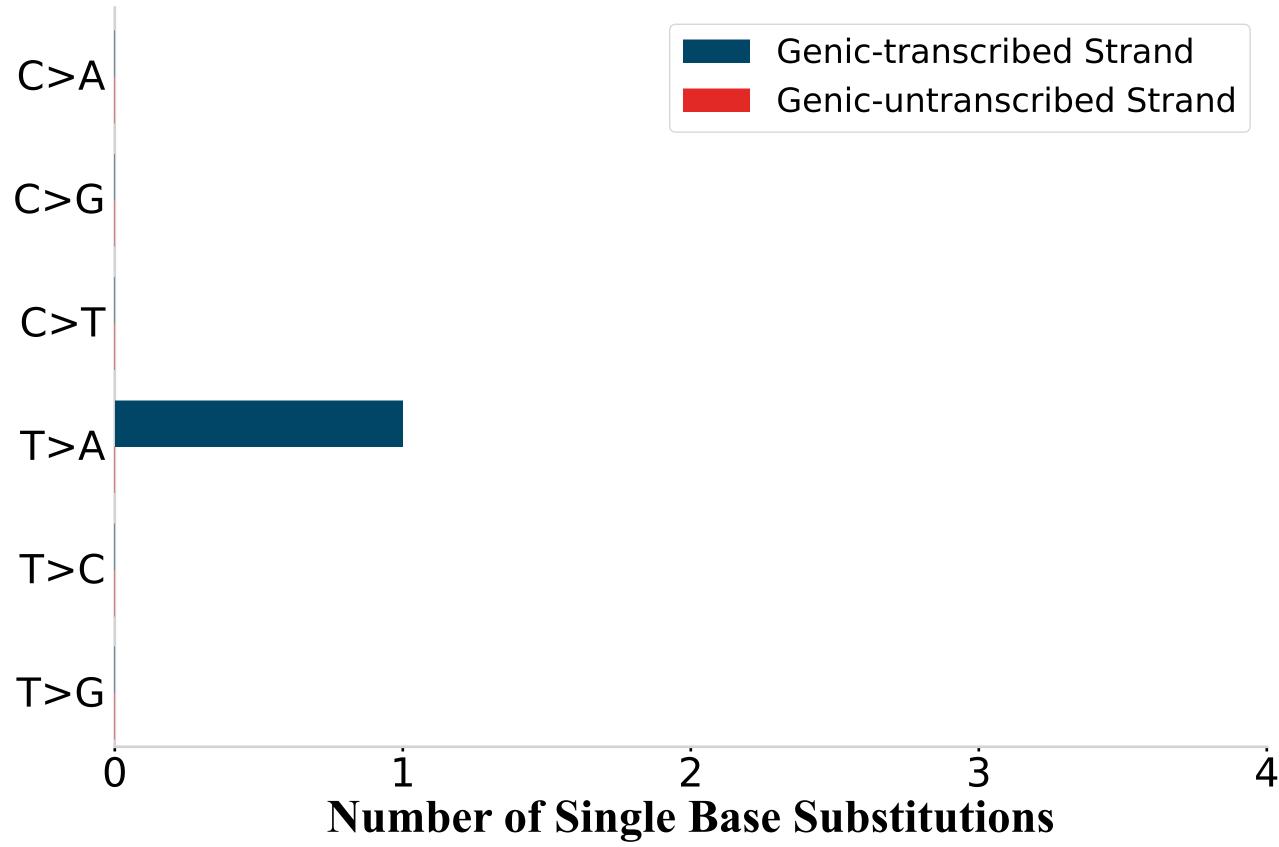
P-0012865-T01-IM5: 46 transcribed subs



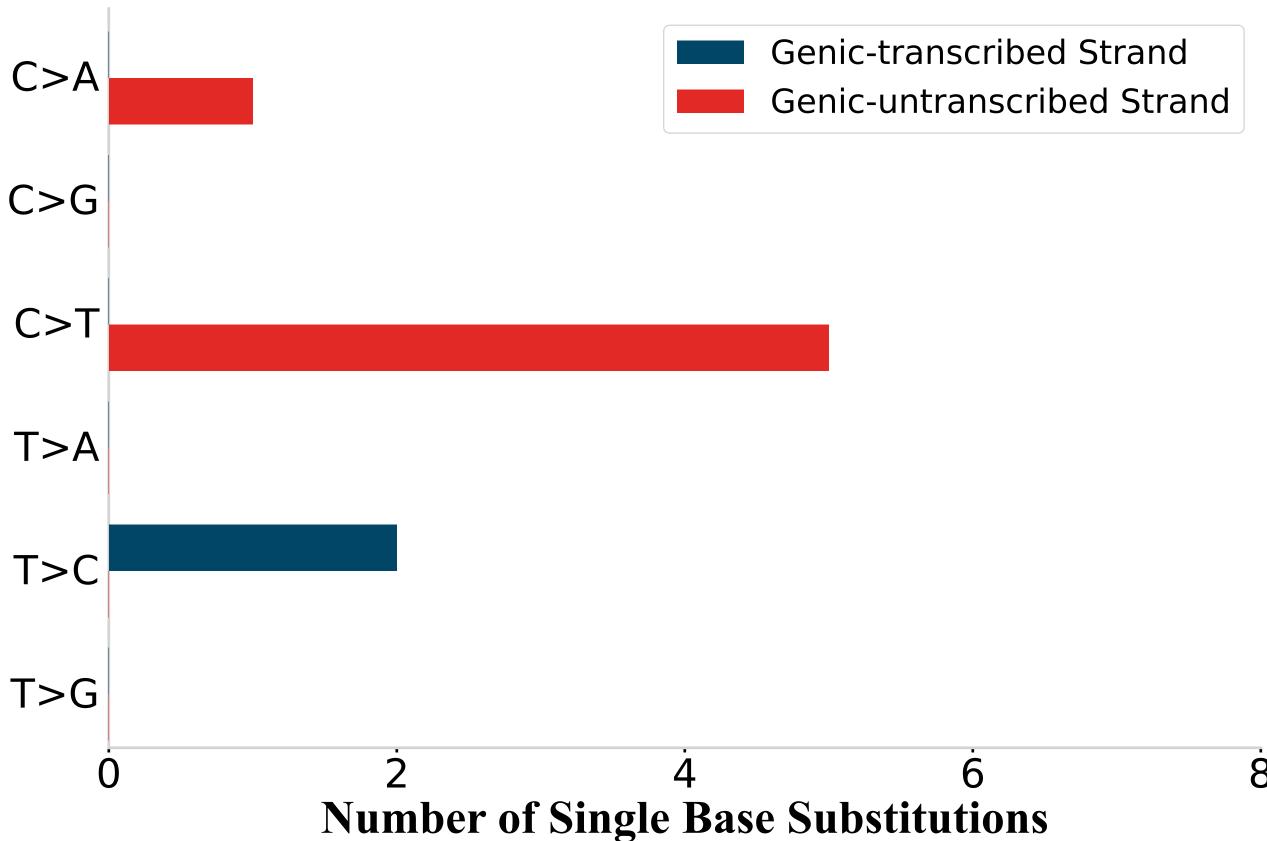
P-0012884-T01-IM5: 1 transcribed subs



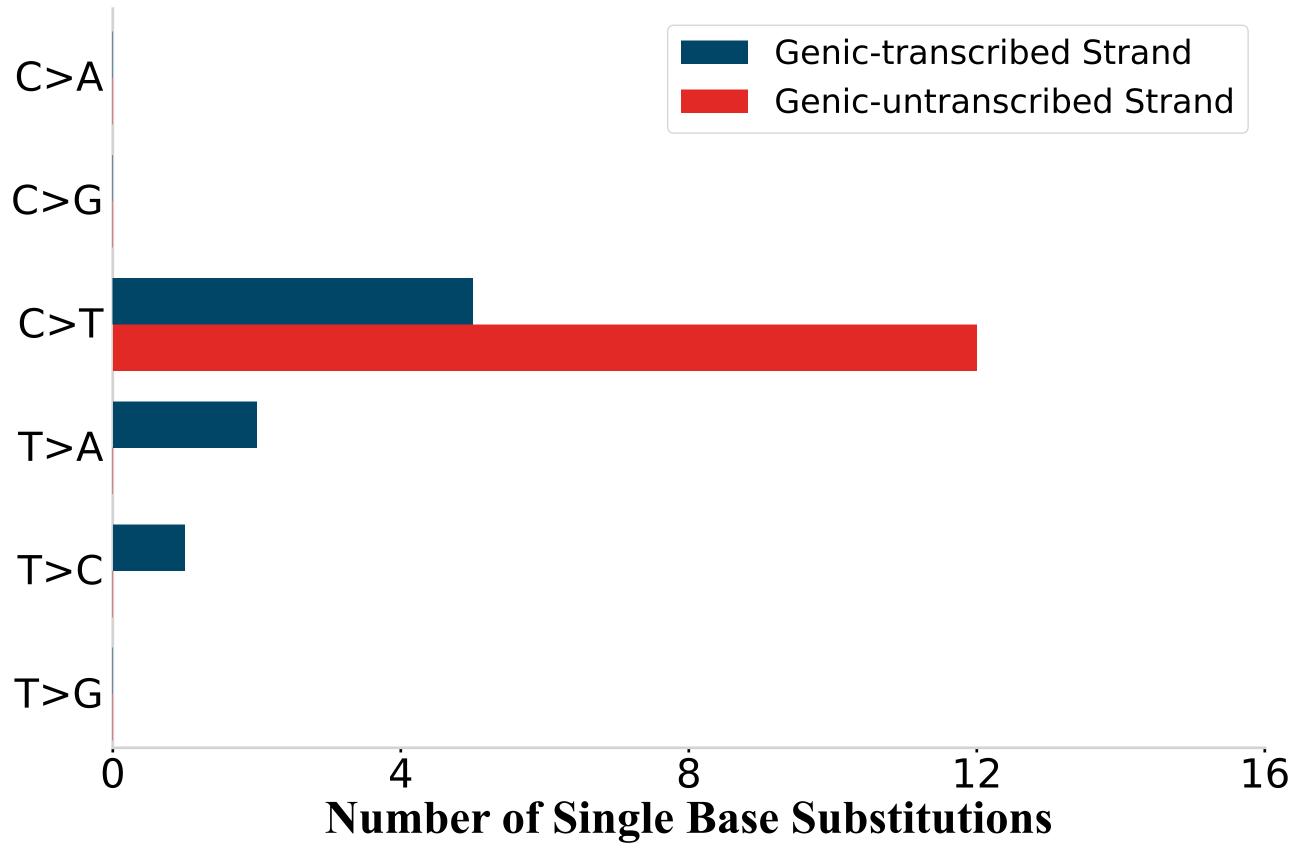
P-0012924-T01-IM5: 1 transcribed subs



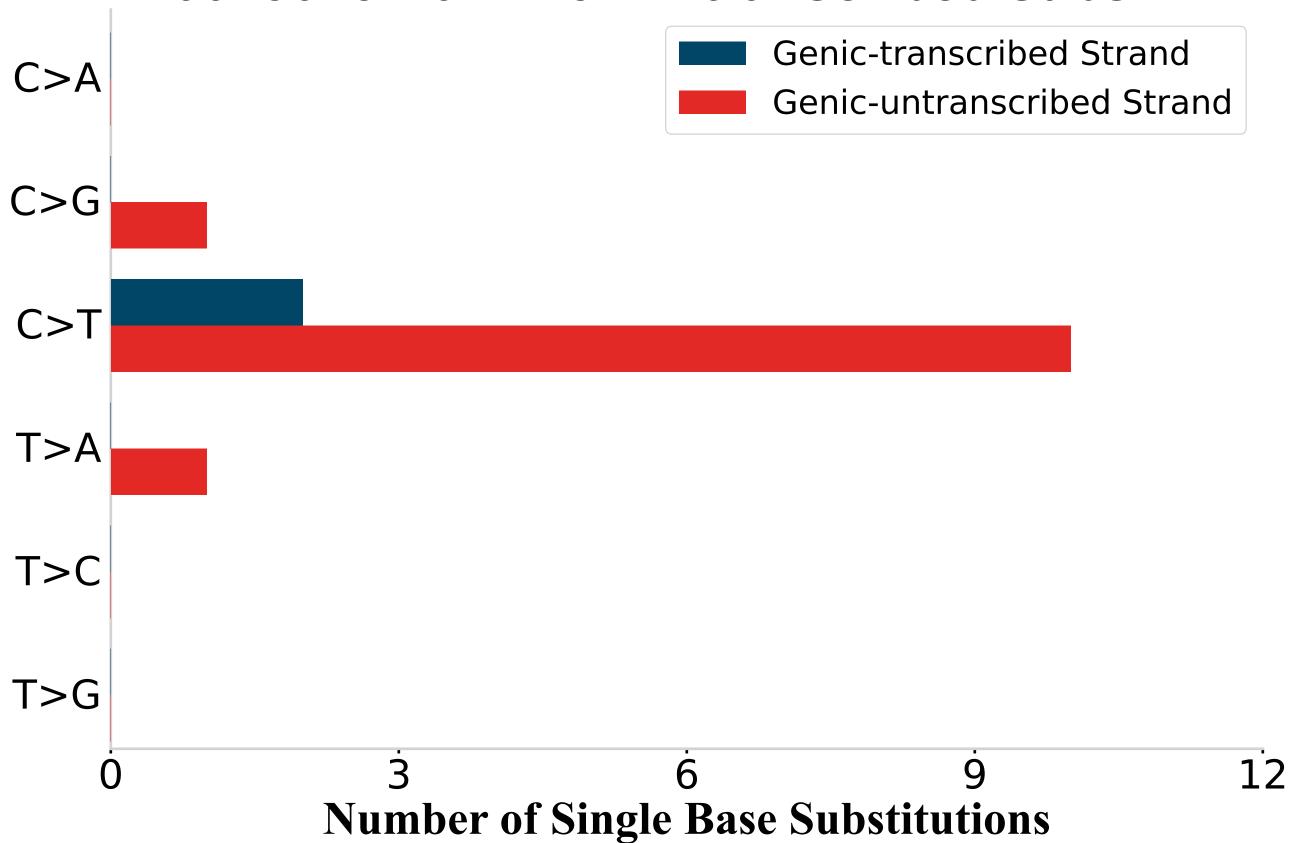
P-0012968-T01-IM5: 8 transcribed subs



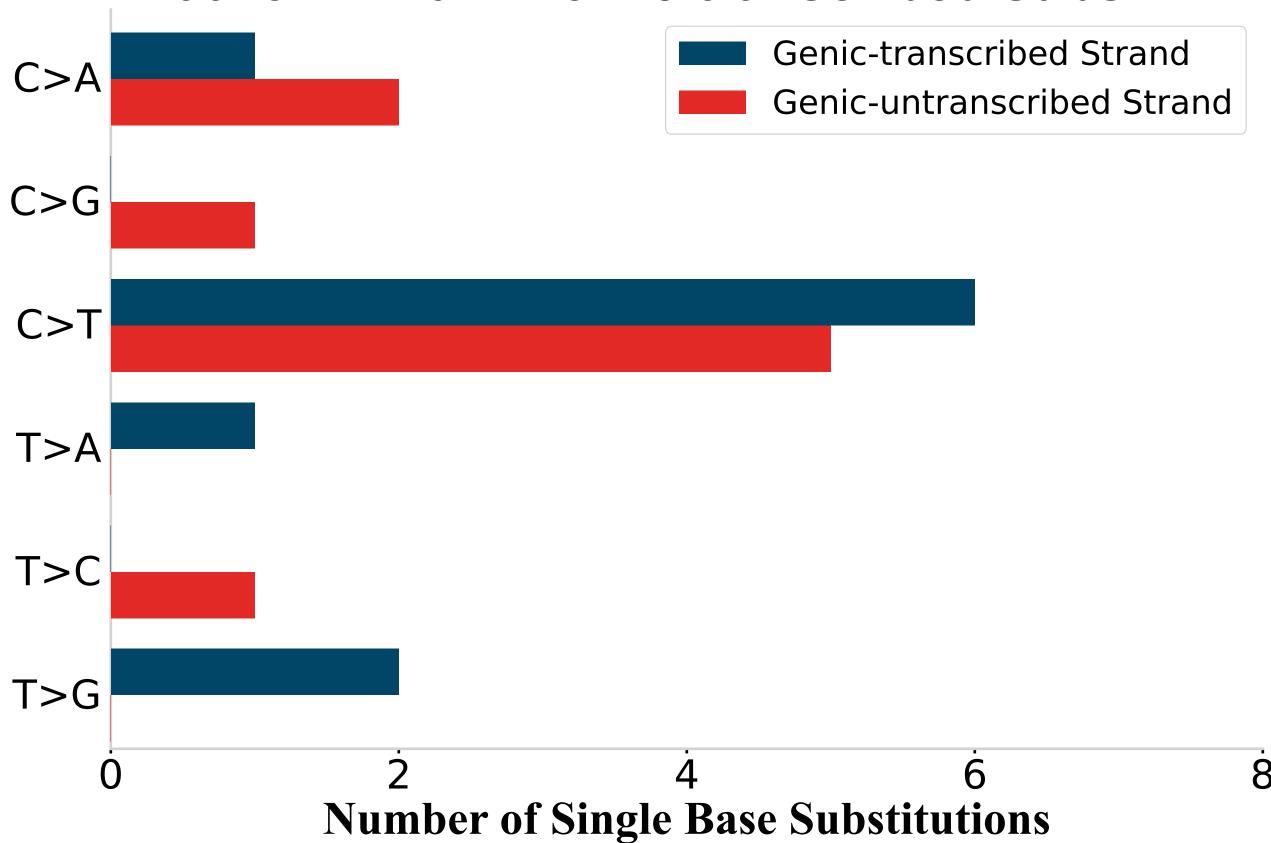
P-0012999-T01-IM5: 20 transcribed subs



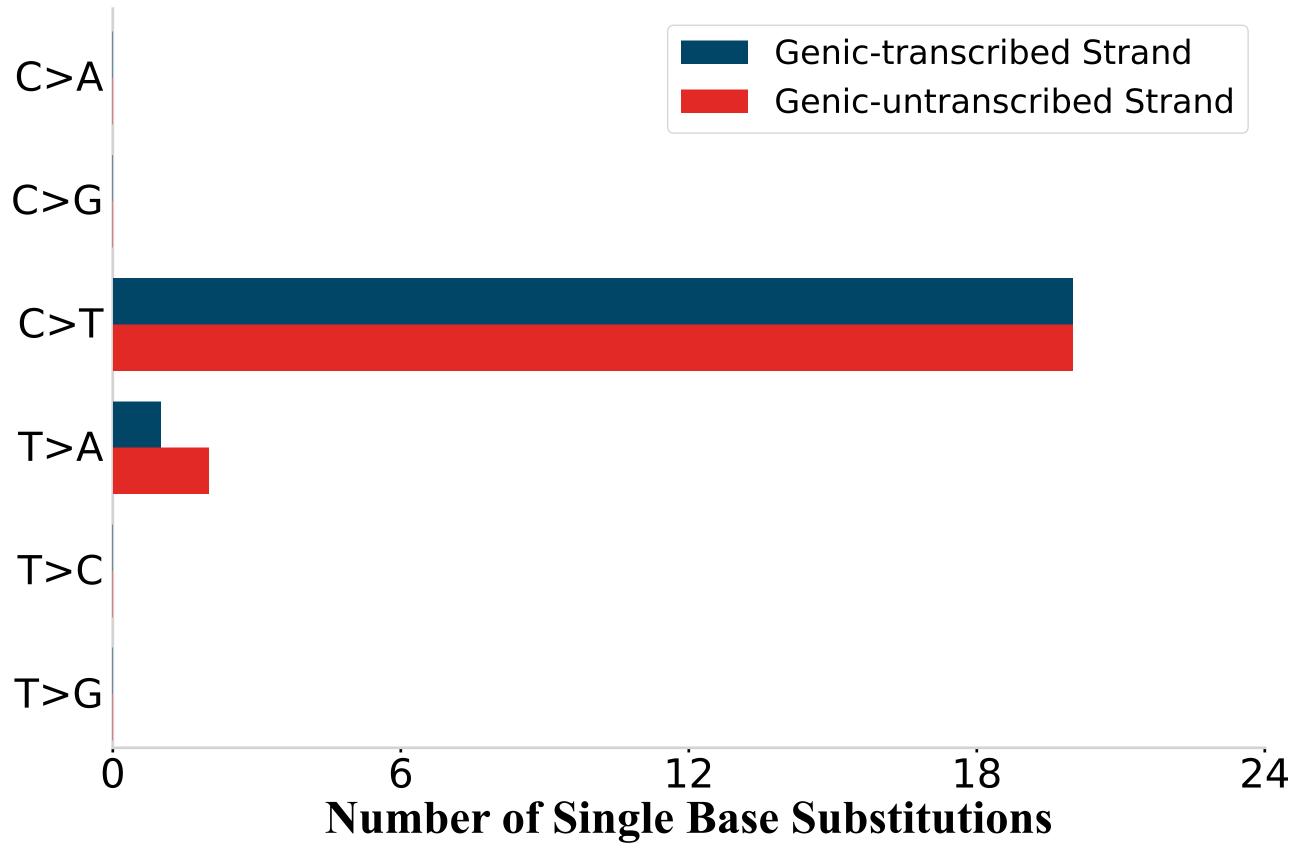
P-0013025-T01-IM5: 14 transcribed subs



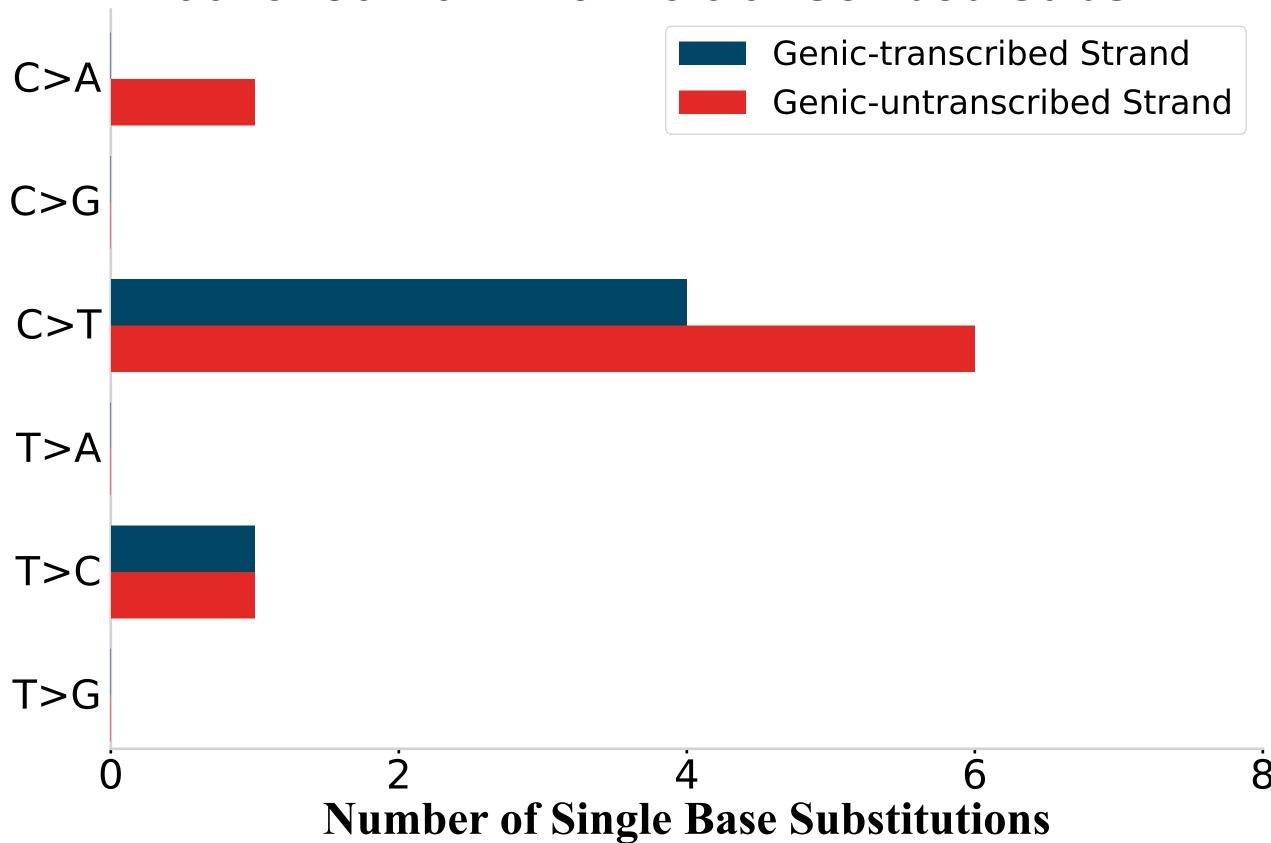
P-0013111-T01-IM5: 19 transcribed subs



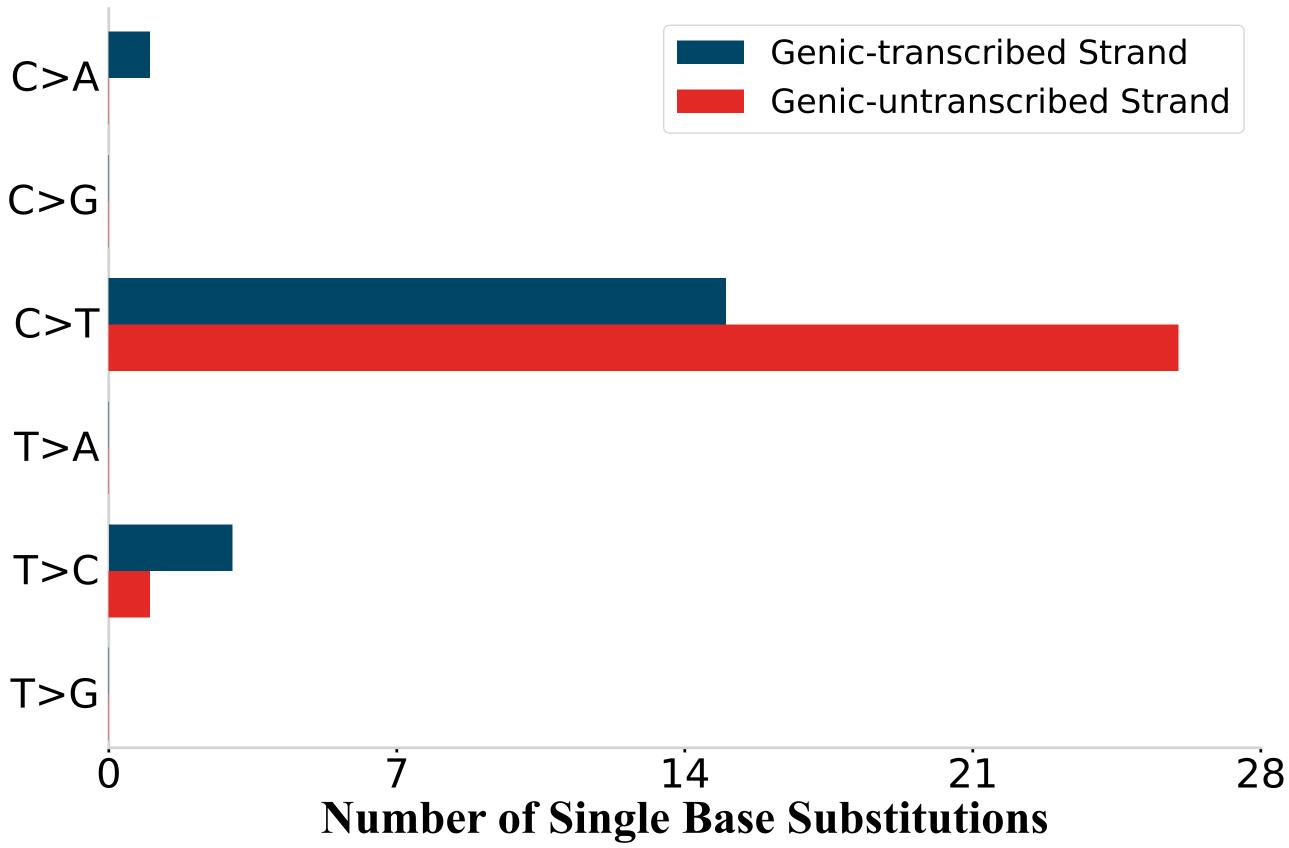
P-0013166-T01-IM5: 43 transcribed subs



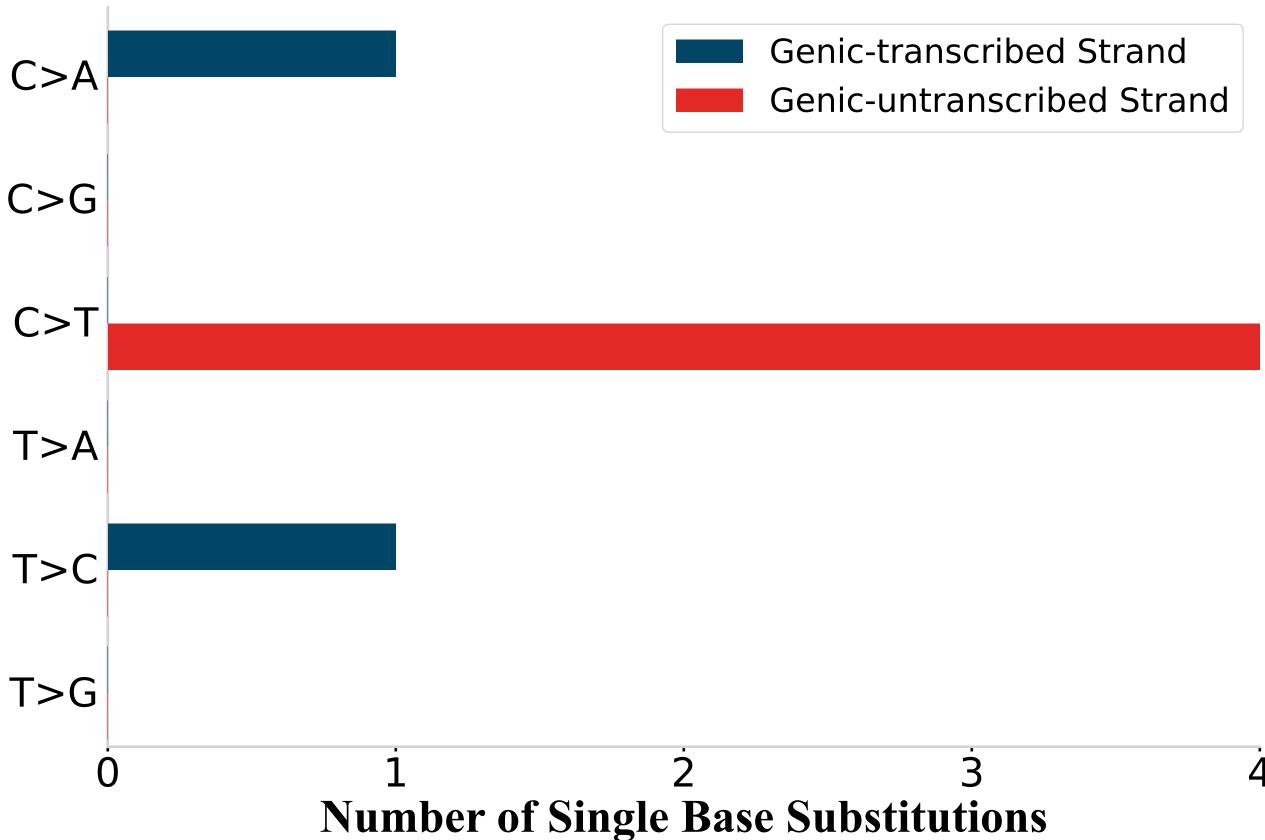
P-0013180-T01-IM5: 13 transcribed subs



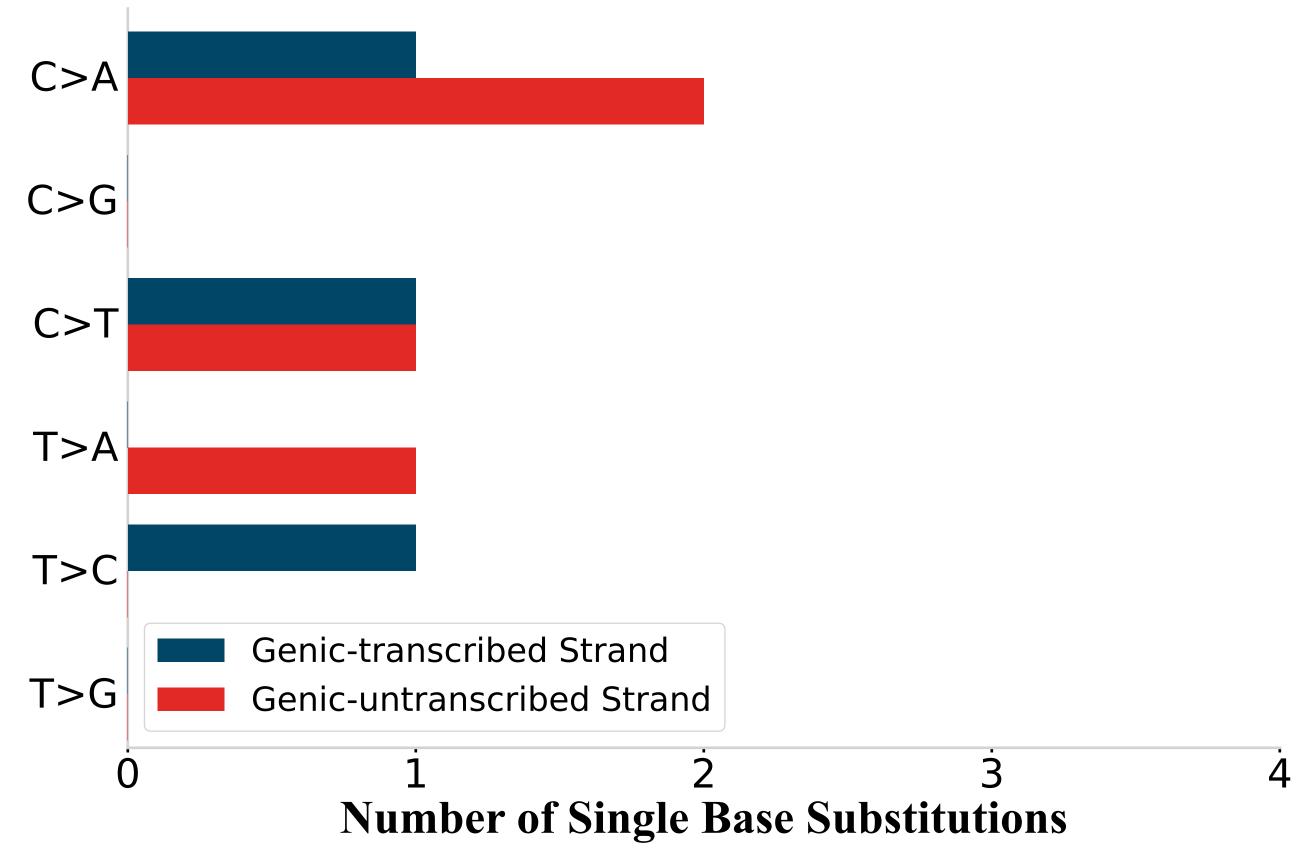
P-0013232-T01-IM5: 46 transcribed subs



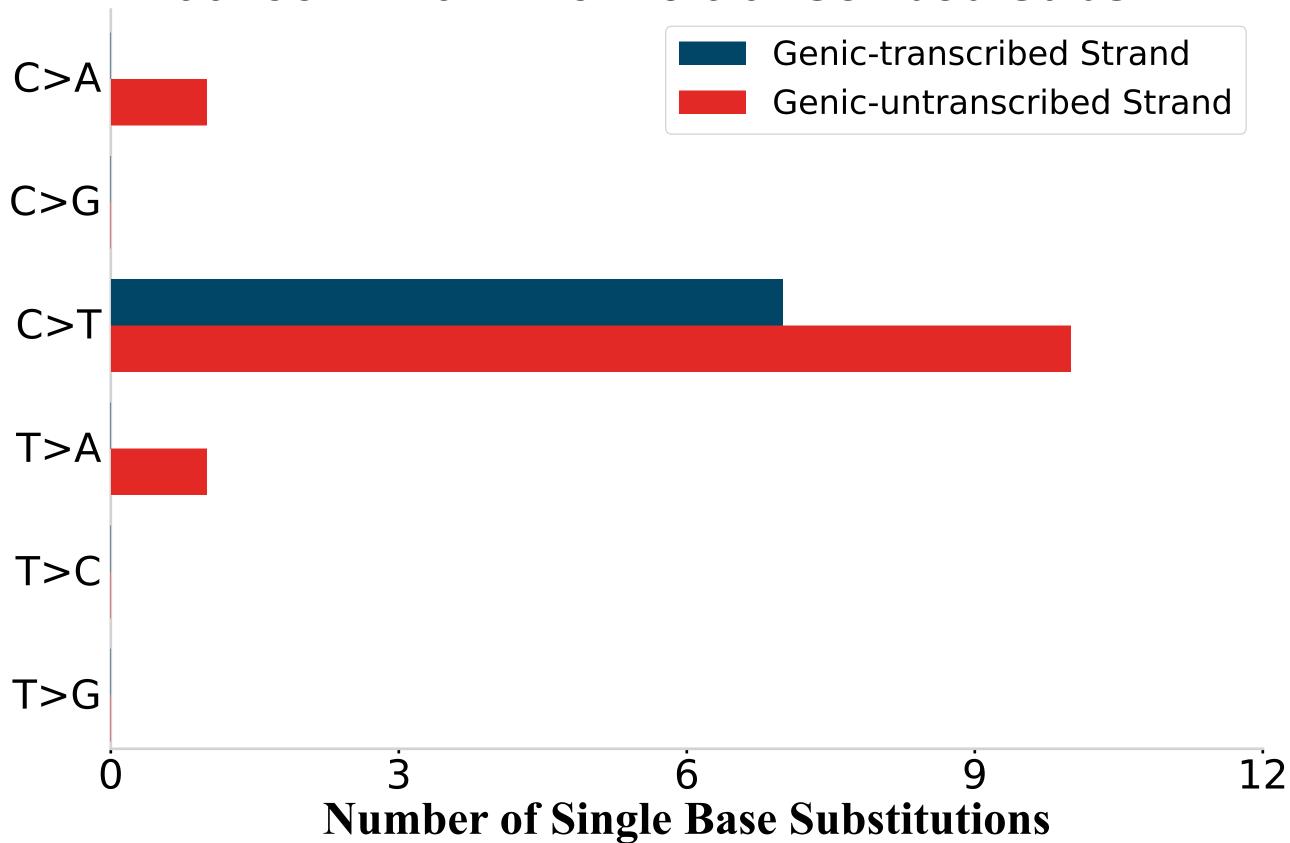
P-0013274-T01-IM5: 6 transcribed subs



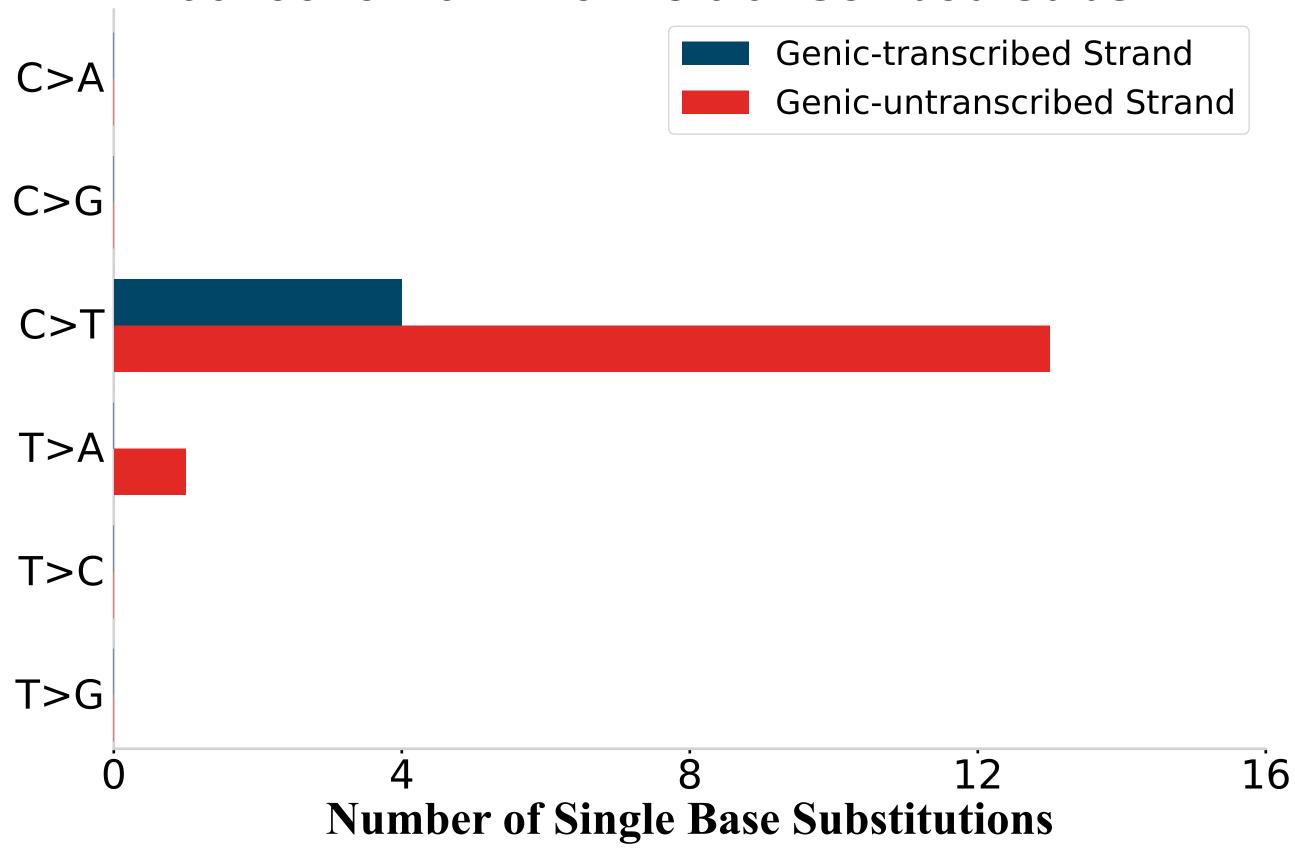
P-0013318-T01-IM5: 7 transcribed subs



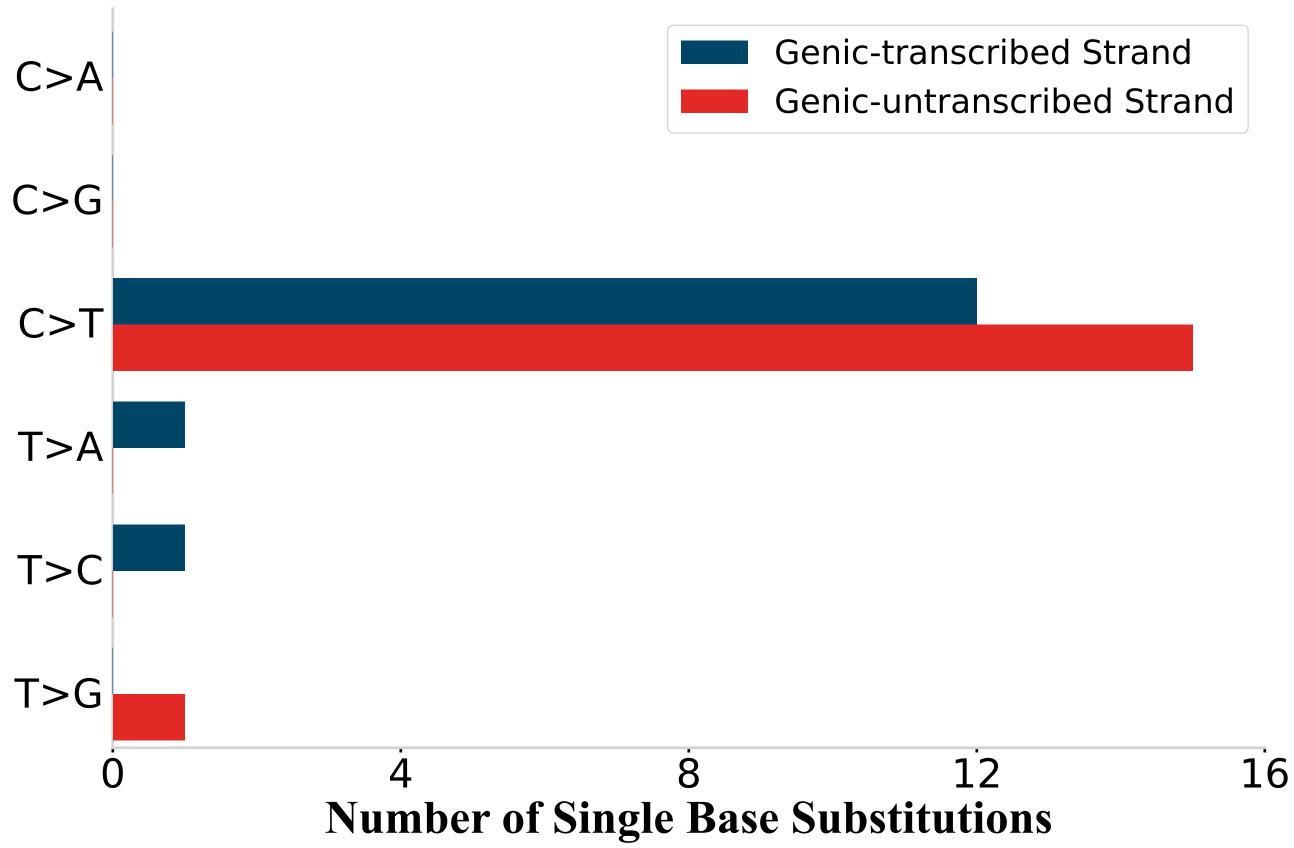
P-0013341-T01-IM5: 19 transcribed subs



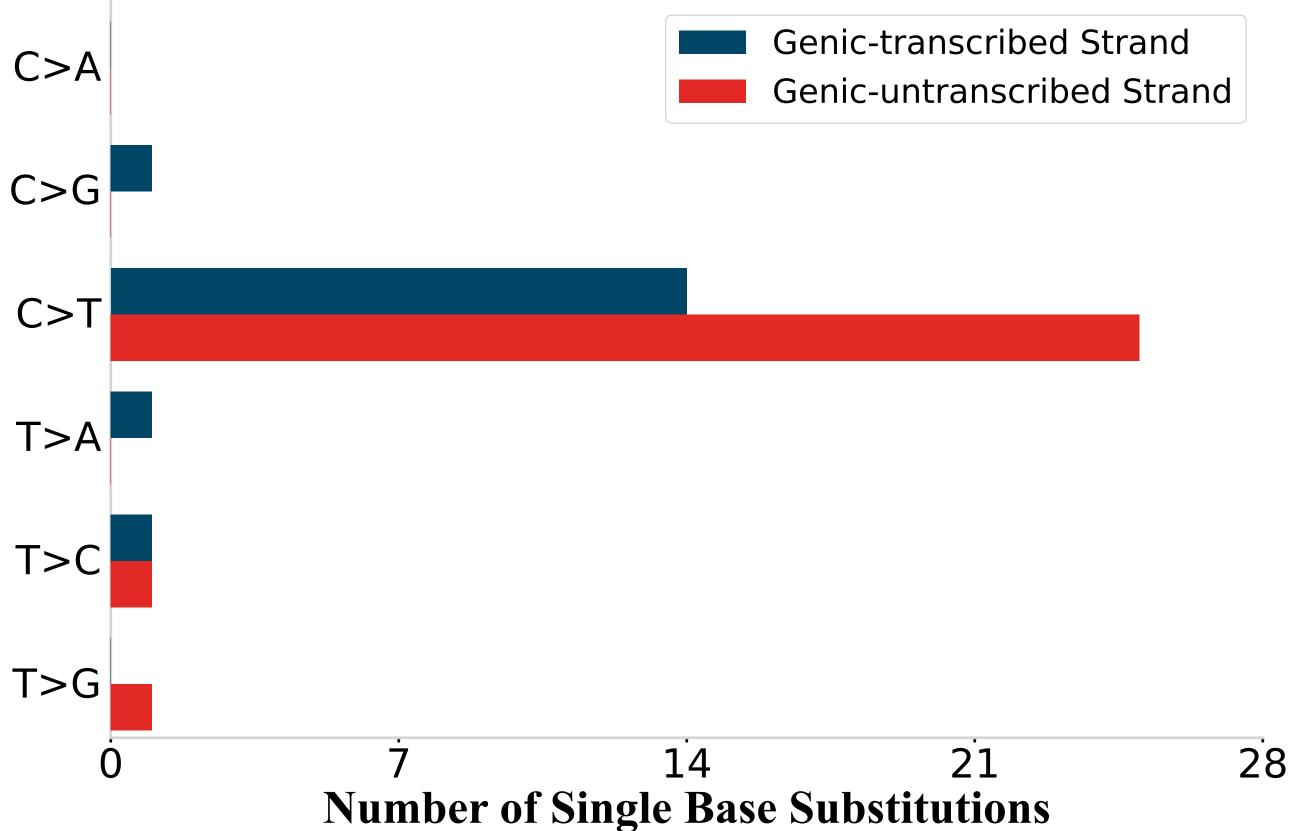
P-0013343-T01-IM5: 18 transcribed subs



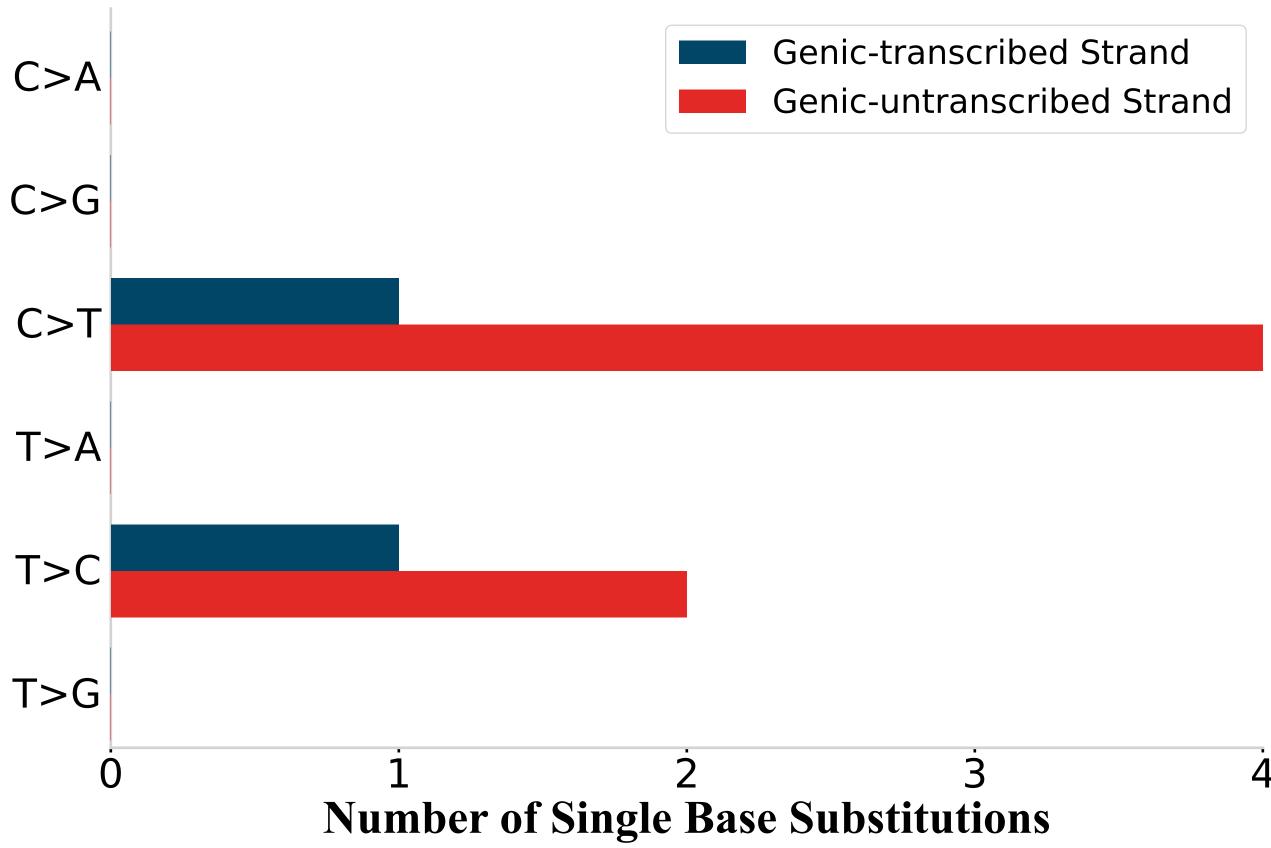
P-0013356-T01-IM5: 30 transcribed subs



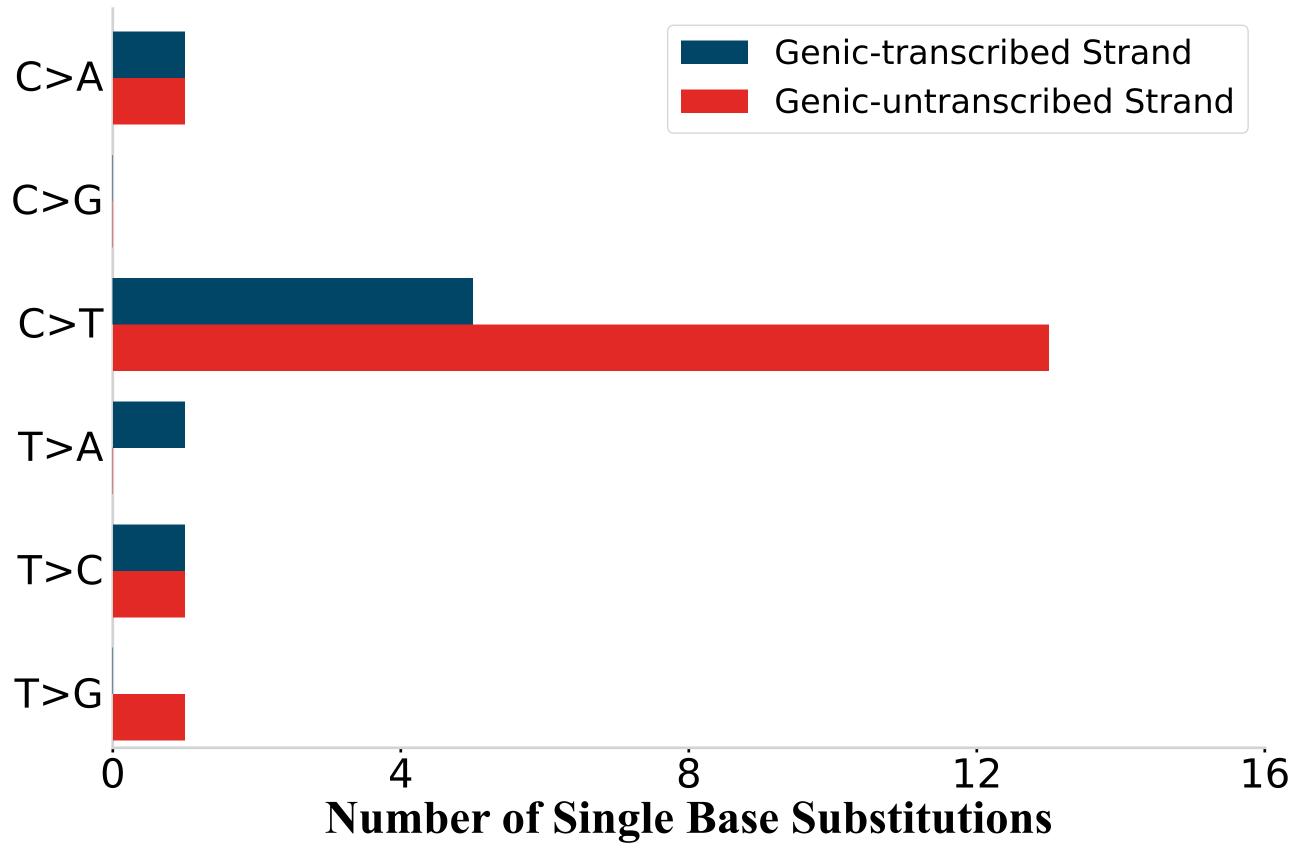
P-0013383-T01-IM5: 44 transcribed subs



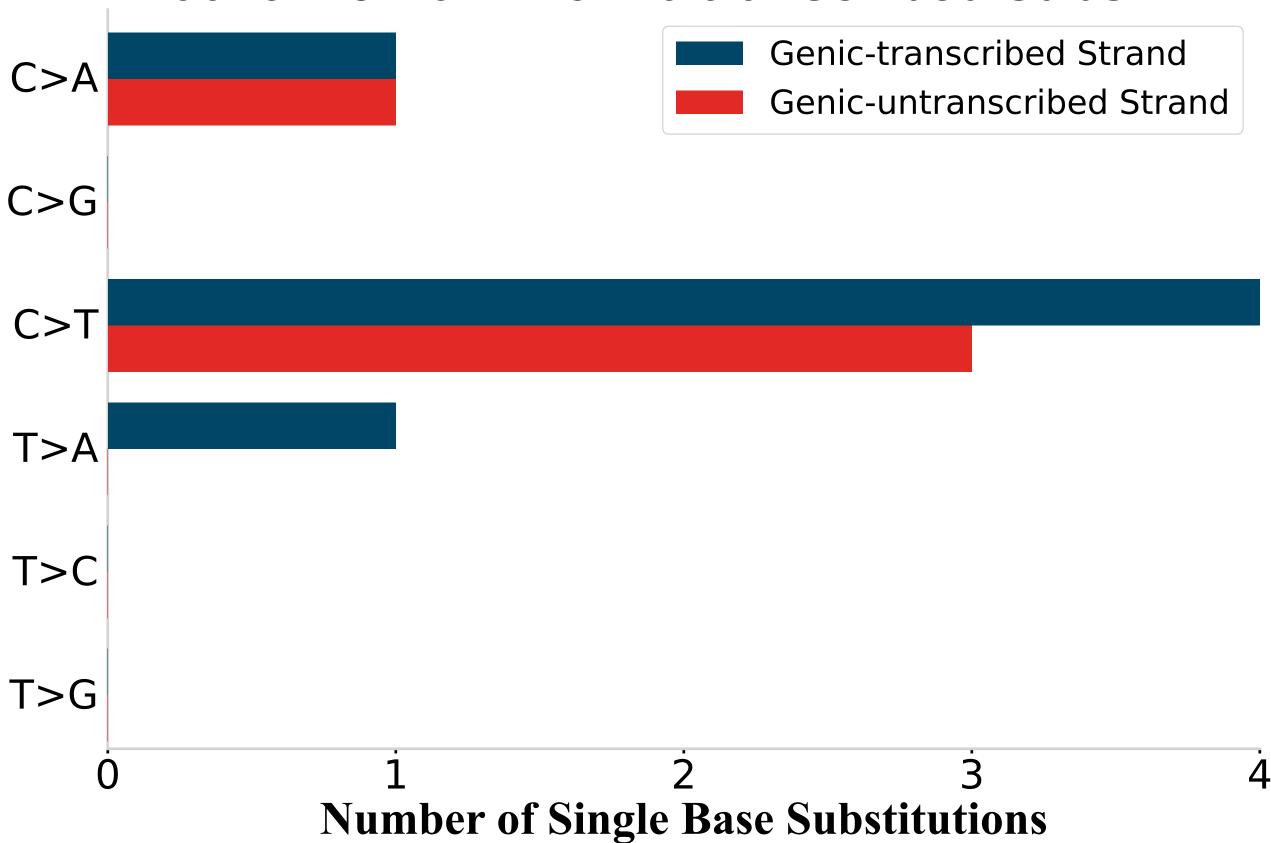
P-0013389-T01-IM5: 8 transcribed subs



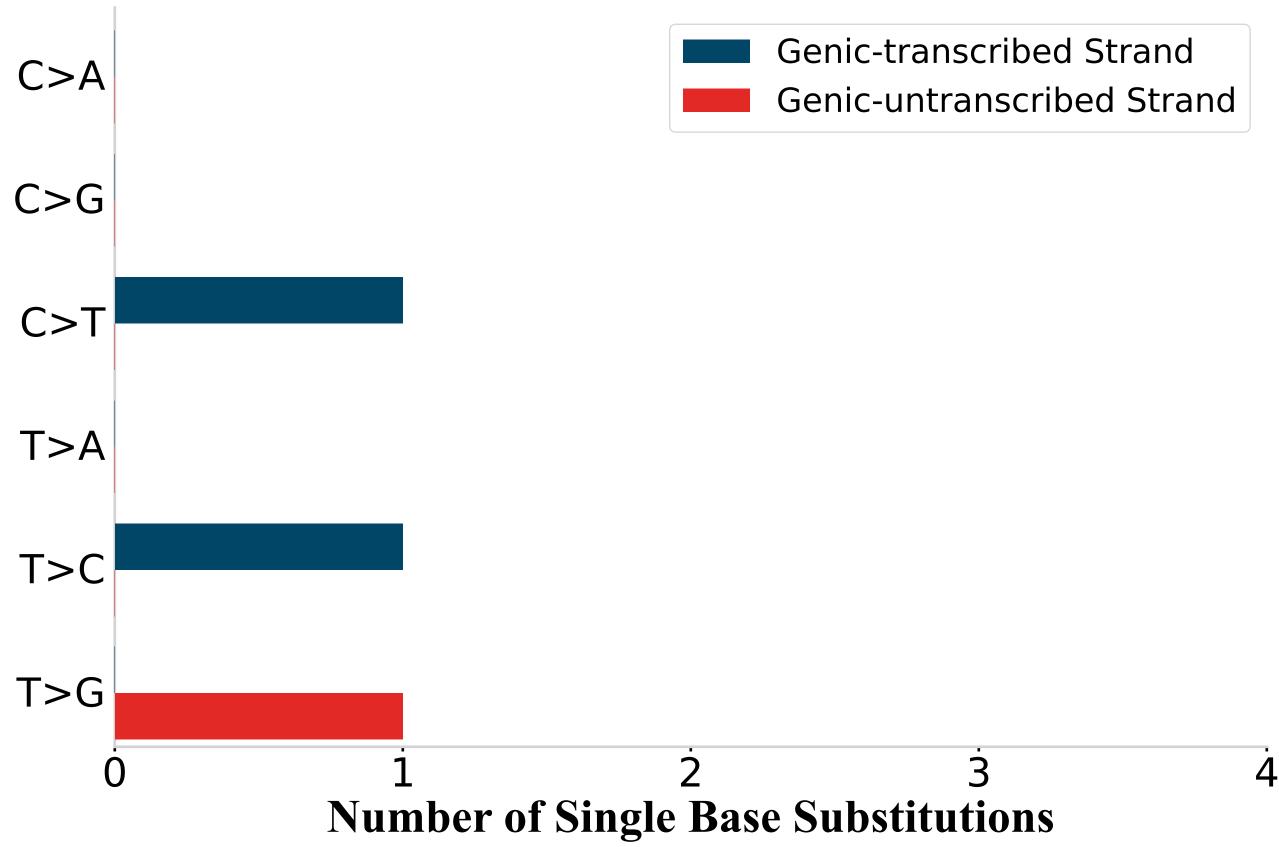
P-0013413-T01-IM5: 24 transcribed subs



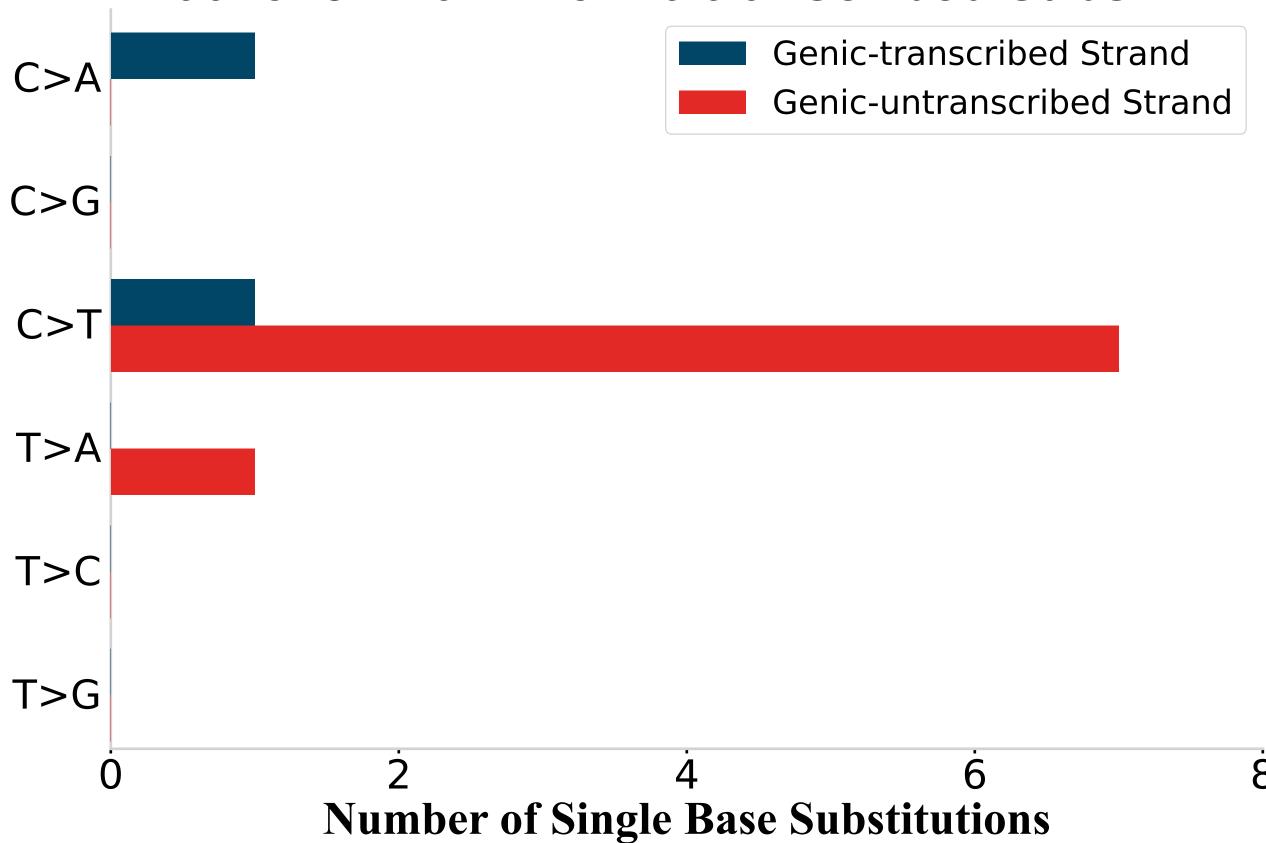
P-0013448-T01-IM5: 10 transcribed subs



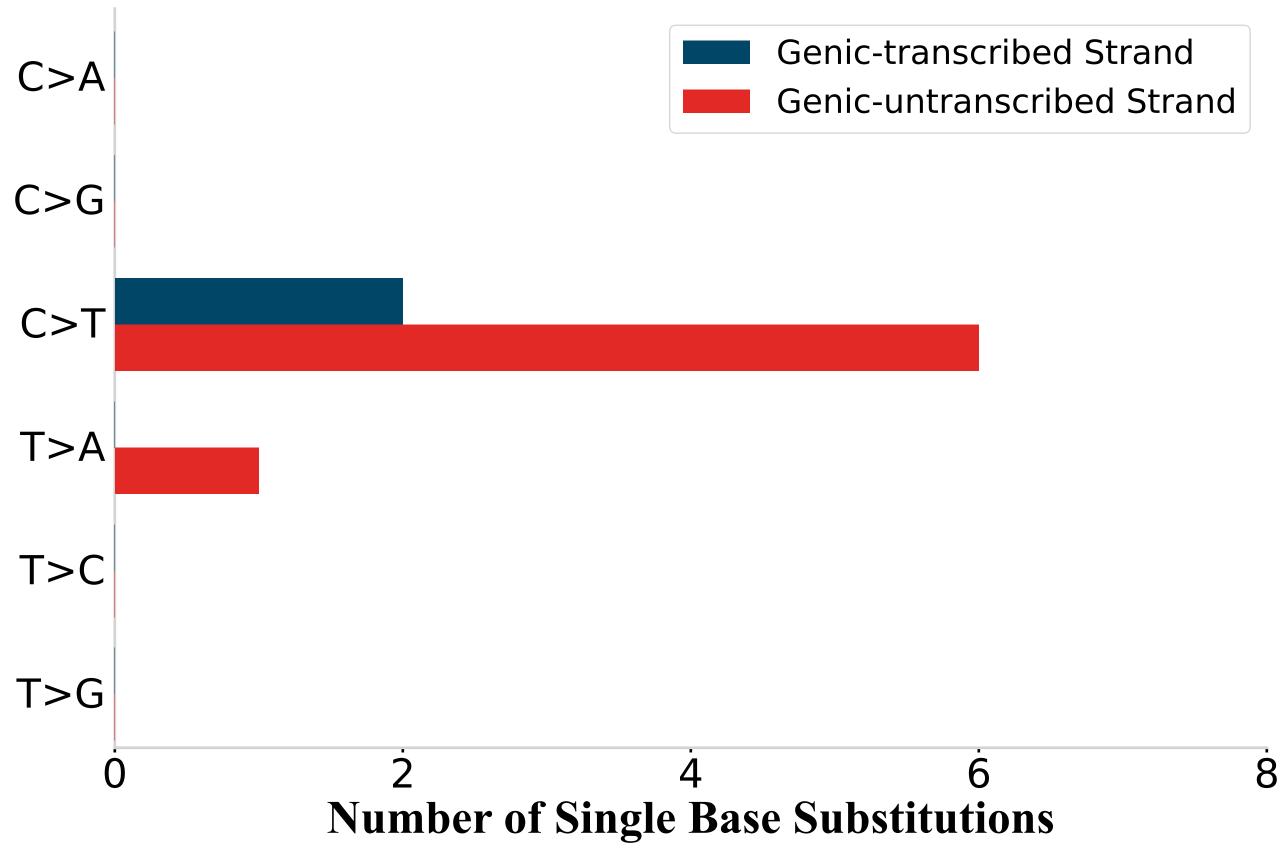
P-0013451-T01-IM5: 3 transcribed subs



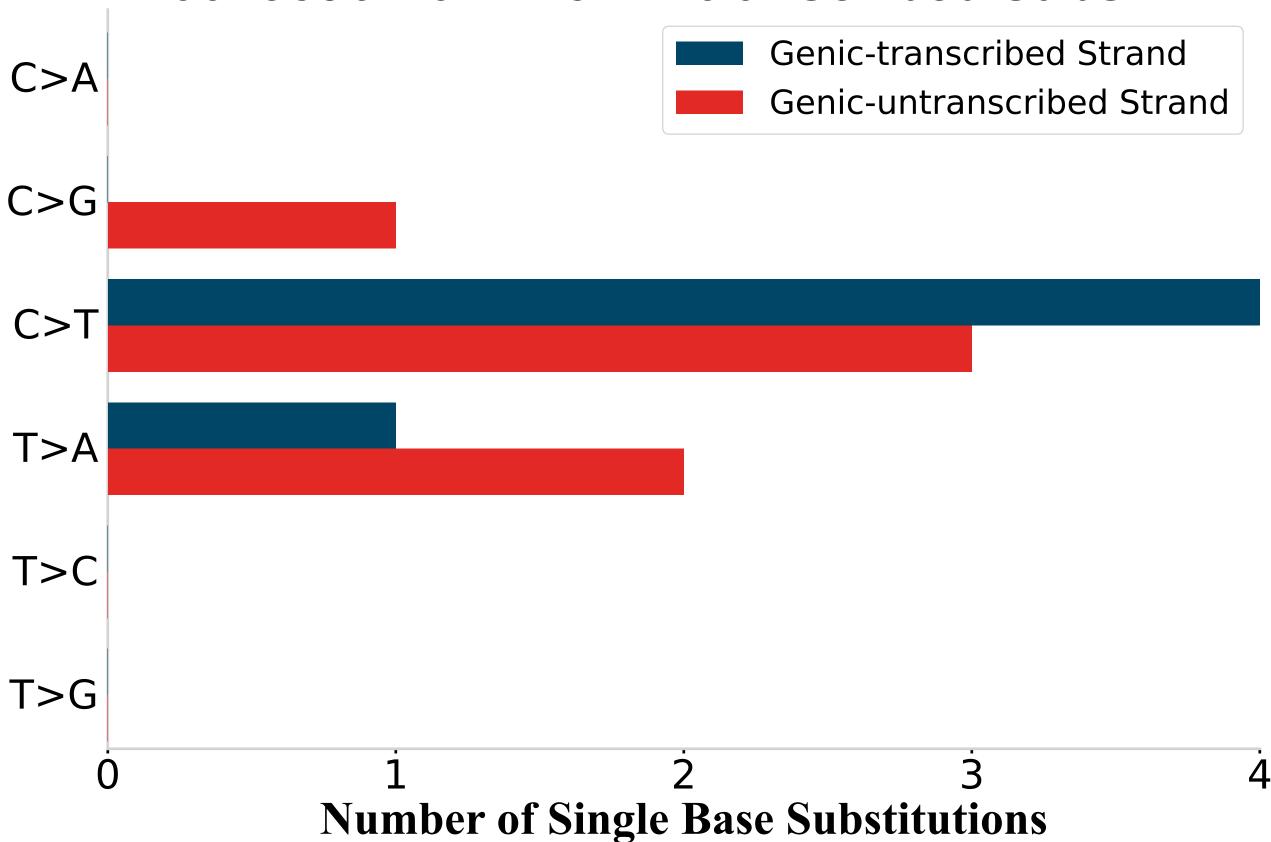
P-0013481-T01-IM5: 10 transcribed subs



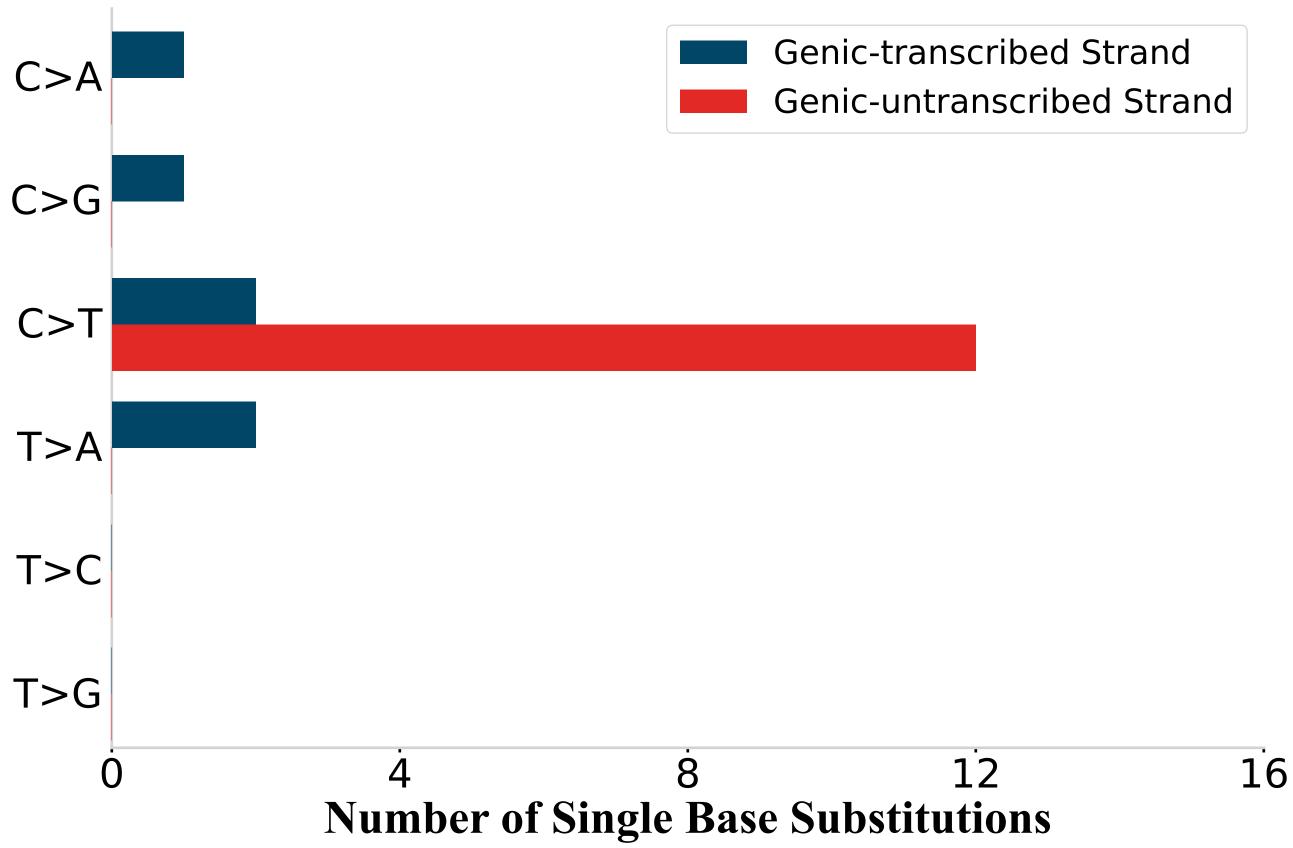
P-0013525-T01-IM5: 9 transcribed subs



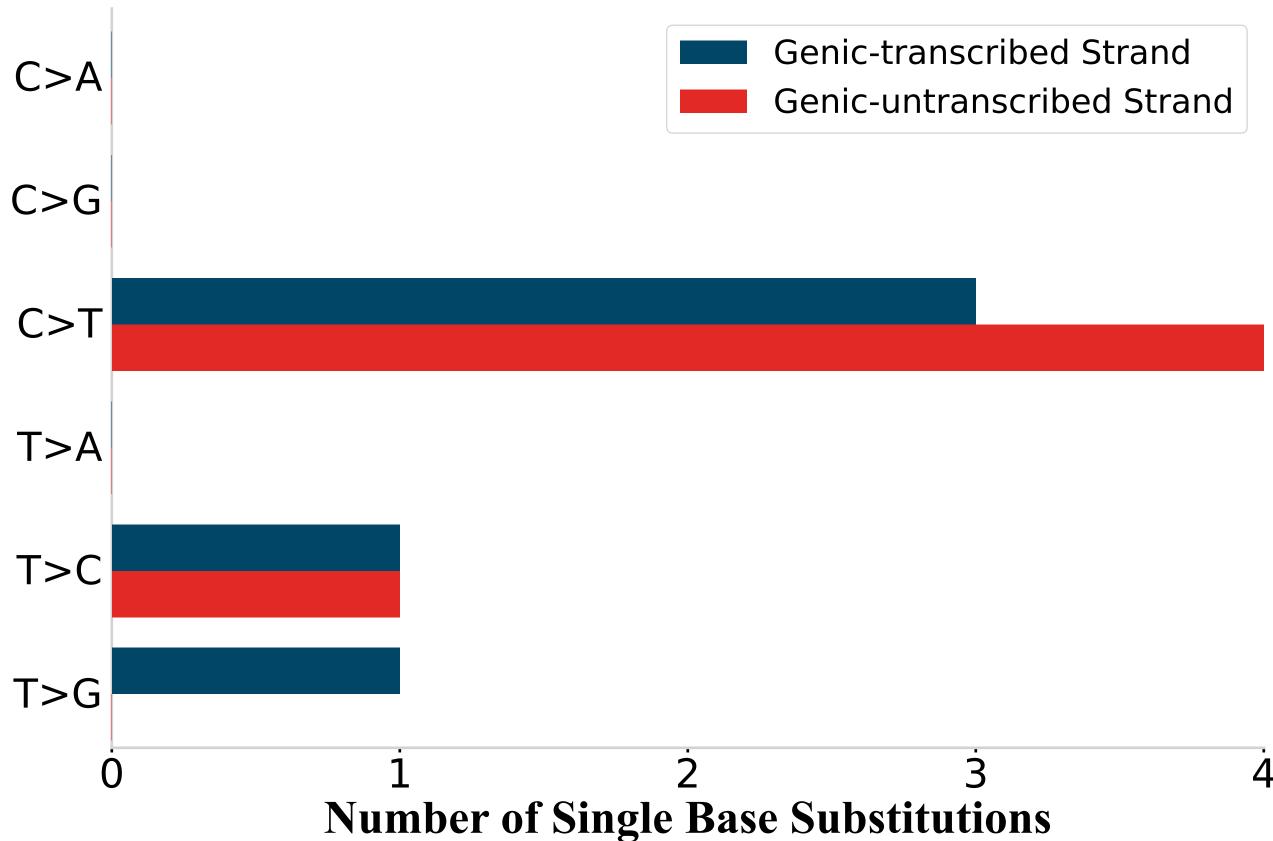
P-0013596-T01-IM5: 11 transcribed subs



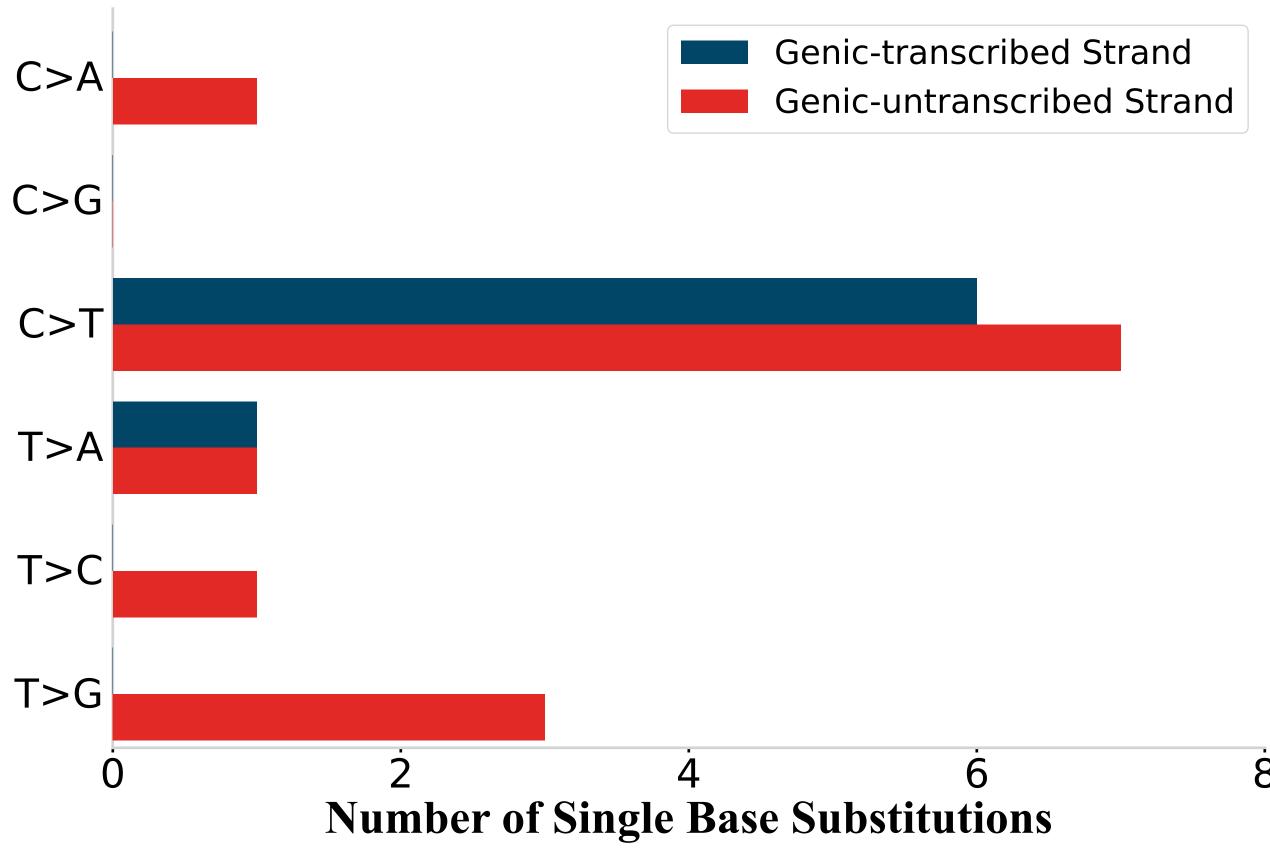
P-0013598-T01-IM5: 18 transcribed subs



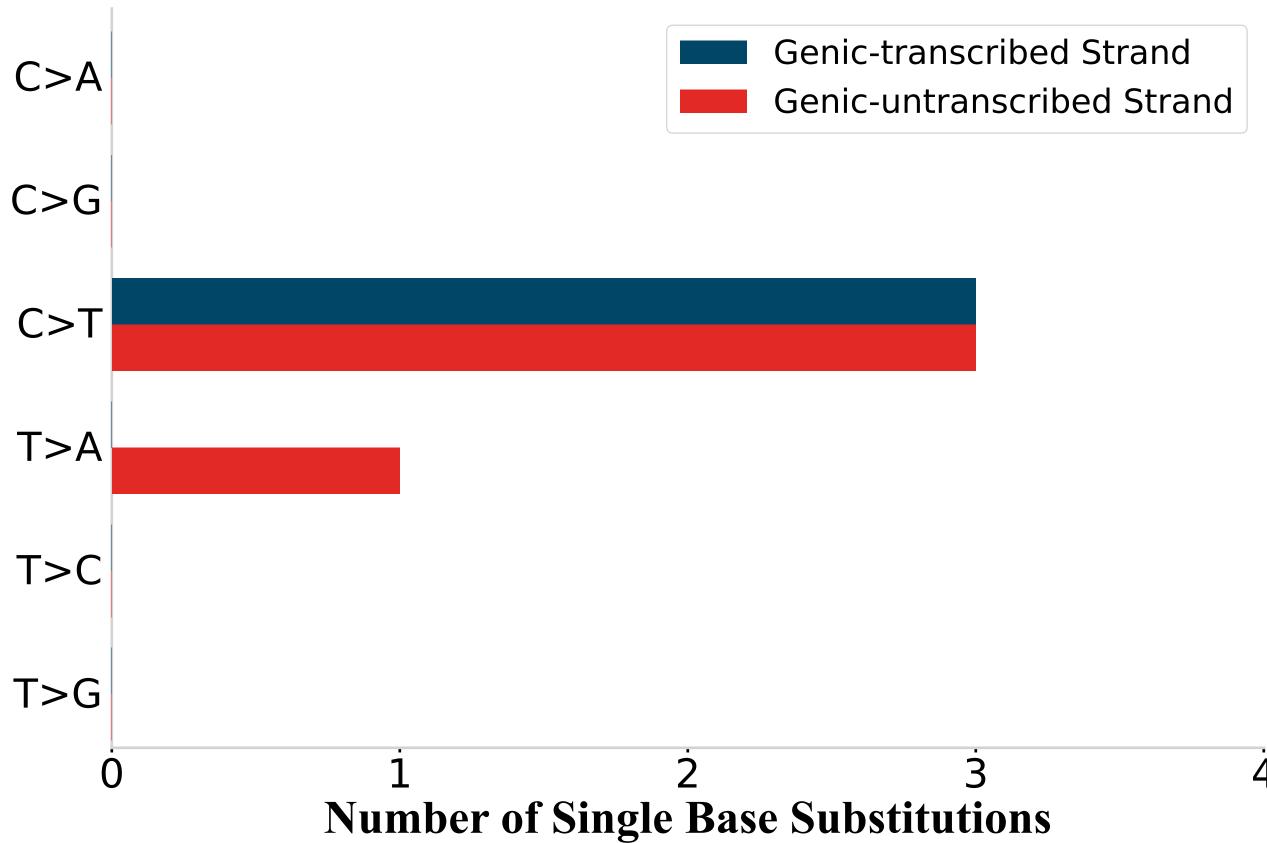
P-0013659-T01-IM5: 10 transcribed subs



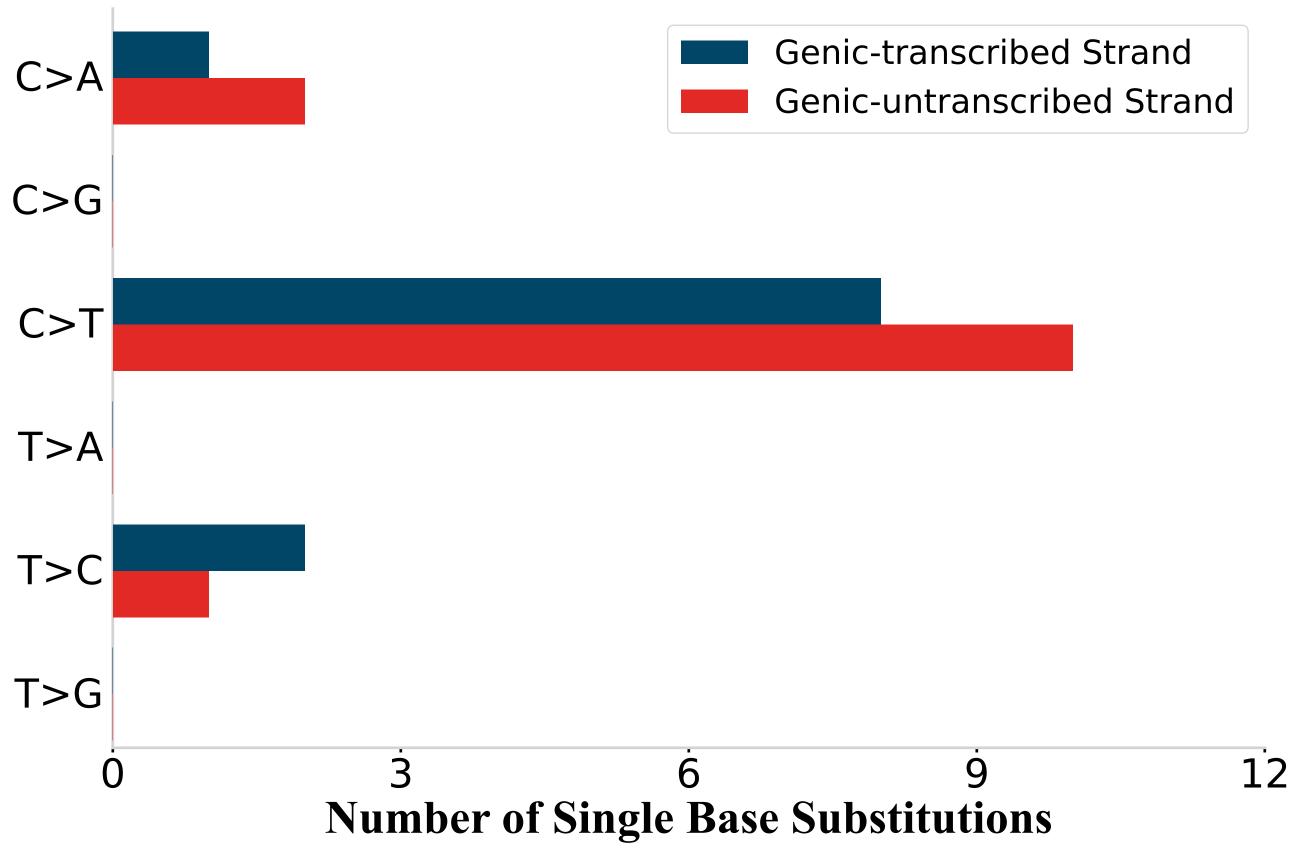
P-0013679-T01-IM5: 20 transcribed subs



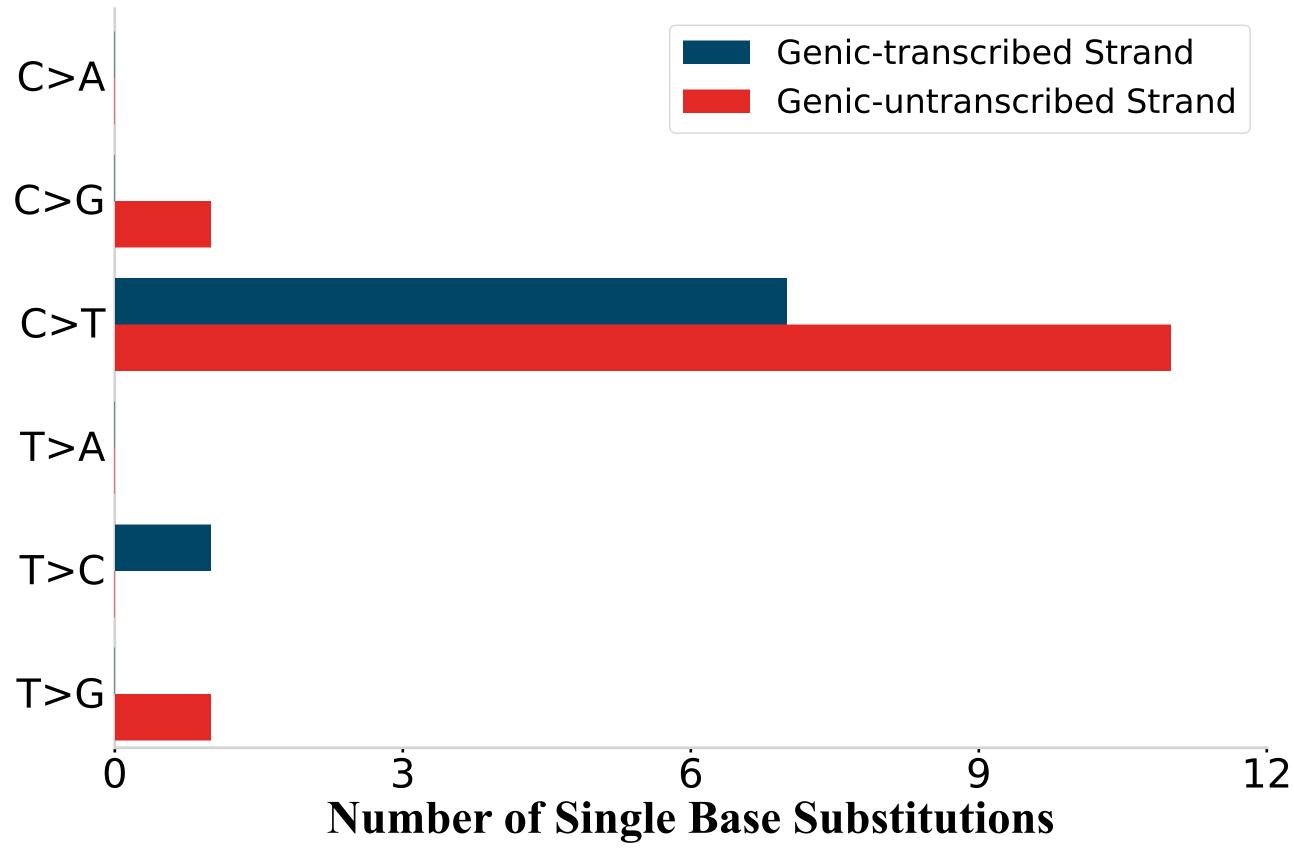
P-0013765-T01-IM5: 7 transcribed subs



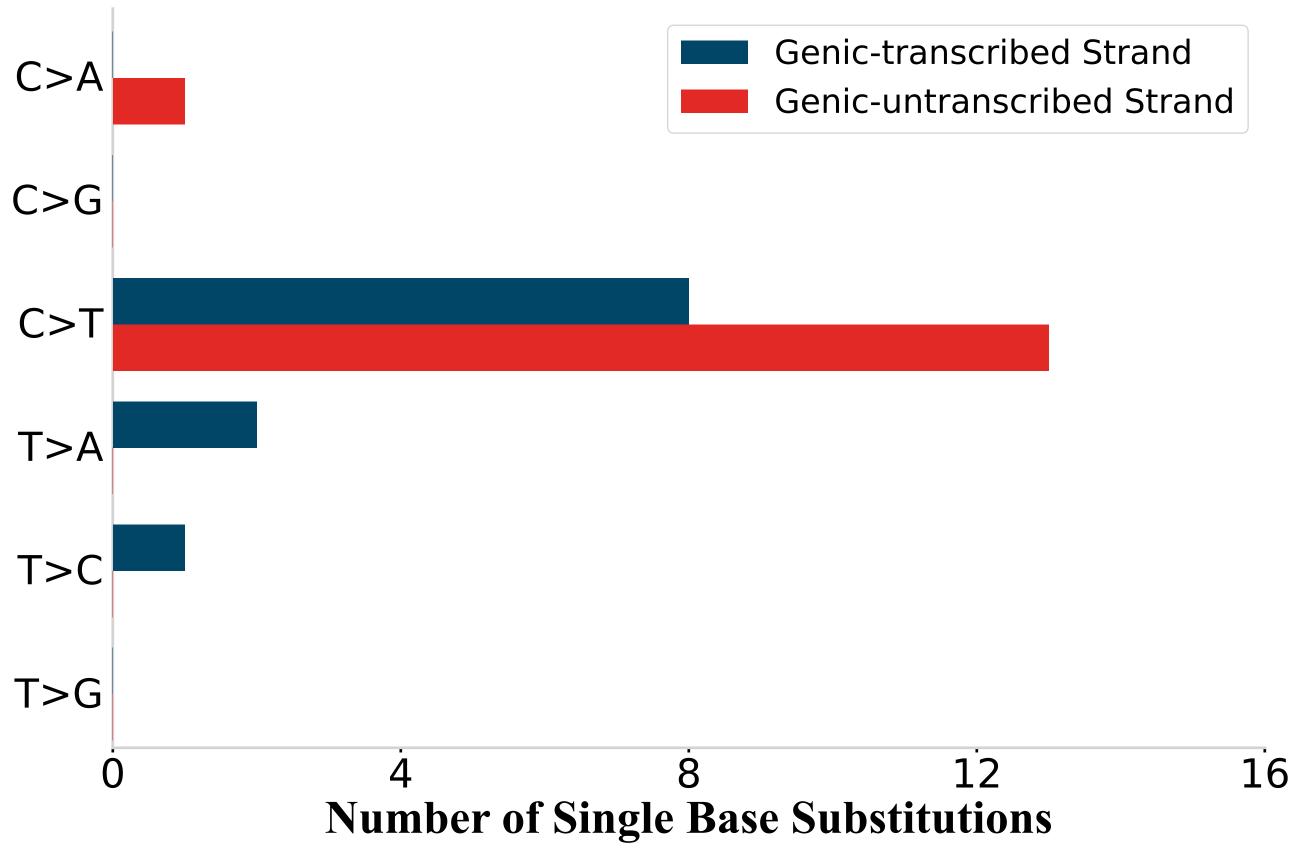
P-0013910-T01-IM5: 24 transcribed subs



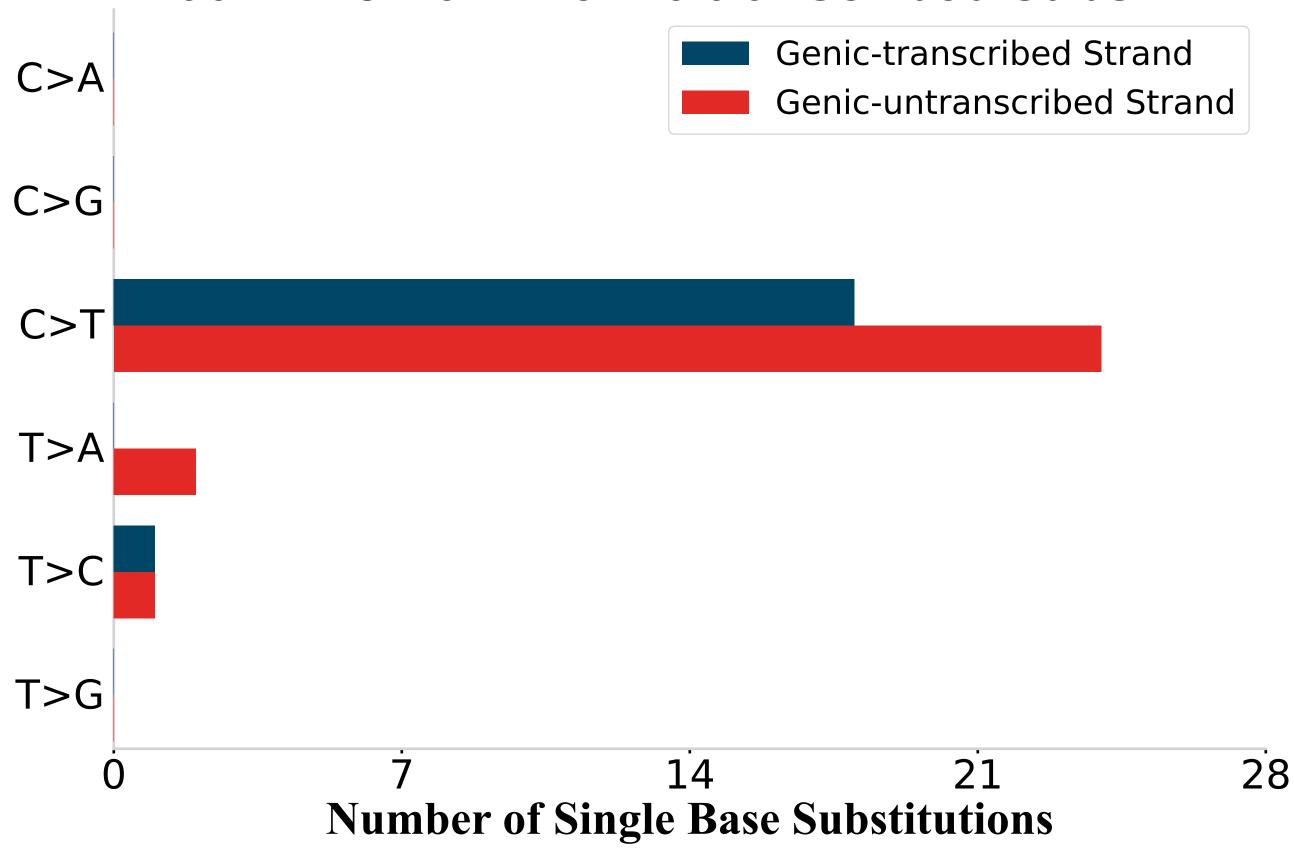
P-0014047-T03-IM6: 21 transcribed subs



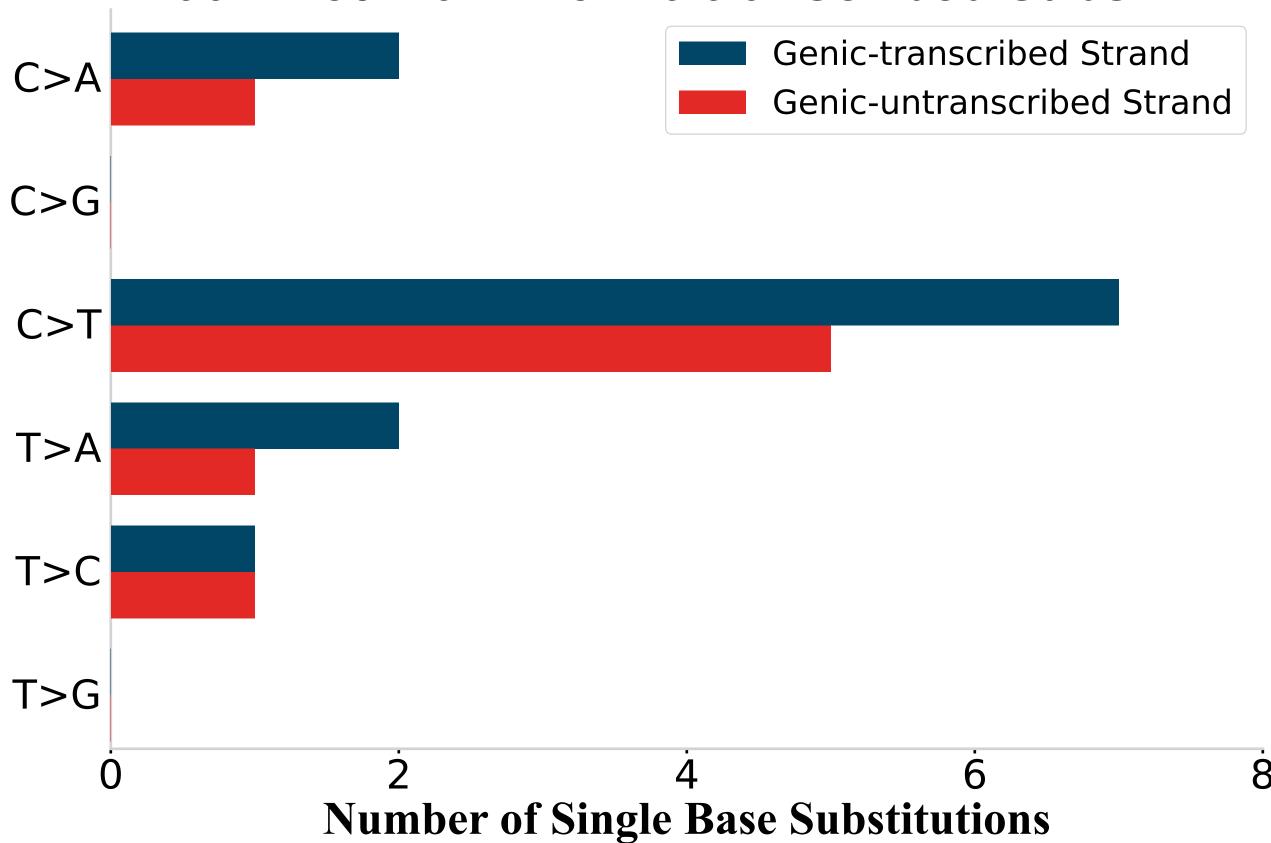
P-0014137-T01-IM5: 25 transcribed subs



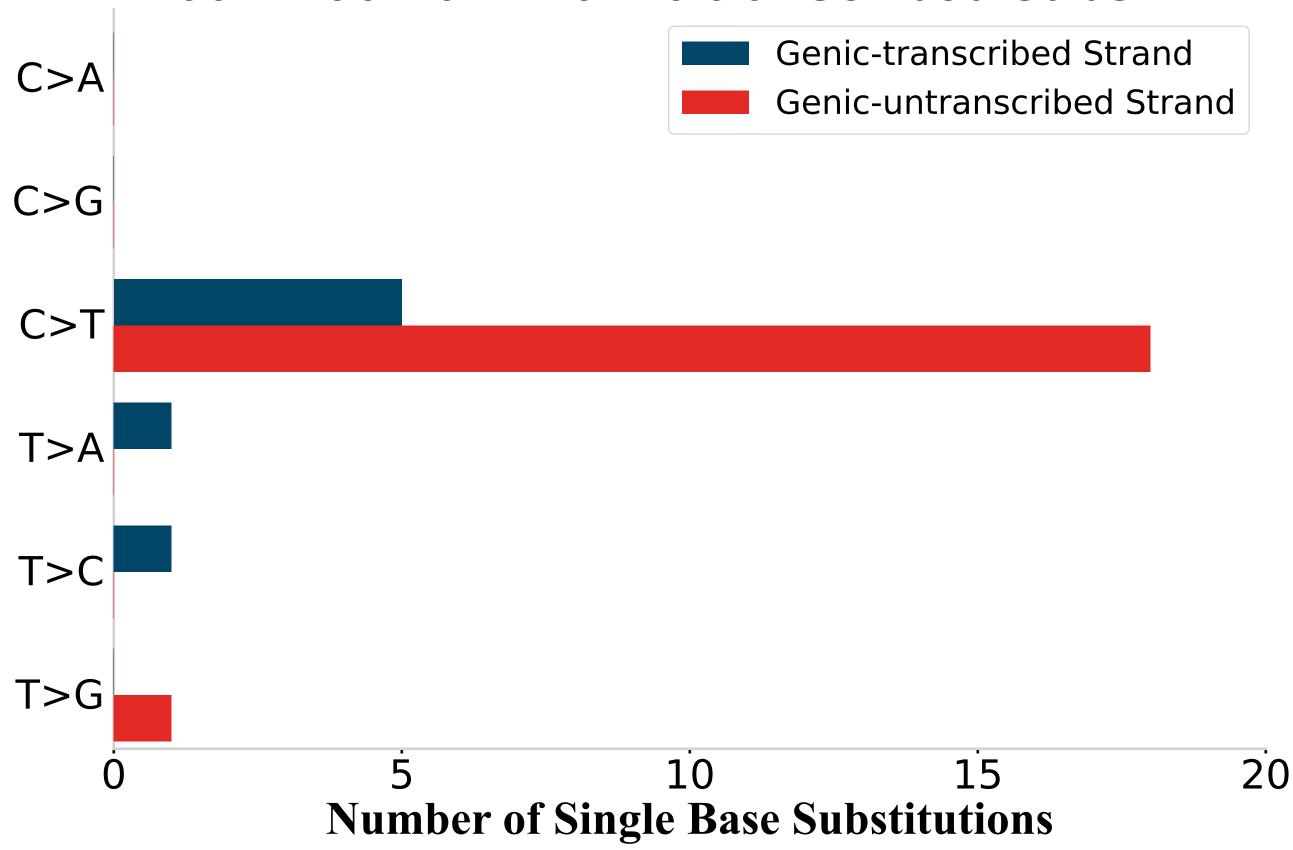
P-0014148-T01-IM5: 46 transcribed subs



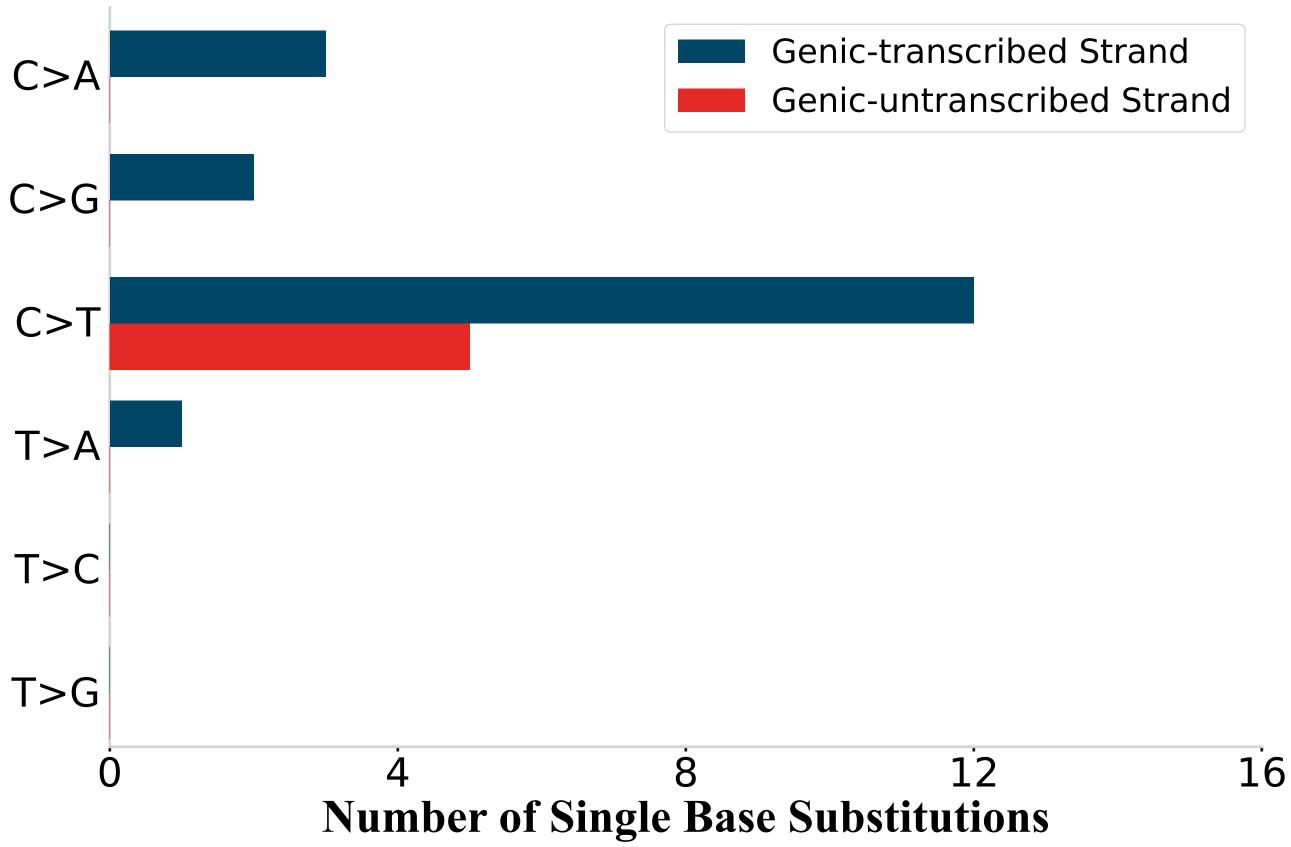
P-0014159-T01-IM5: 20 transcribed subs



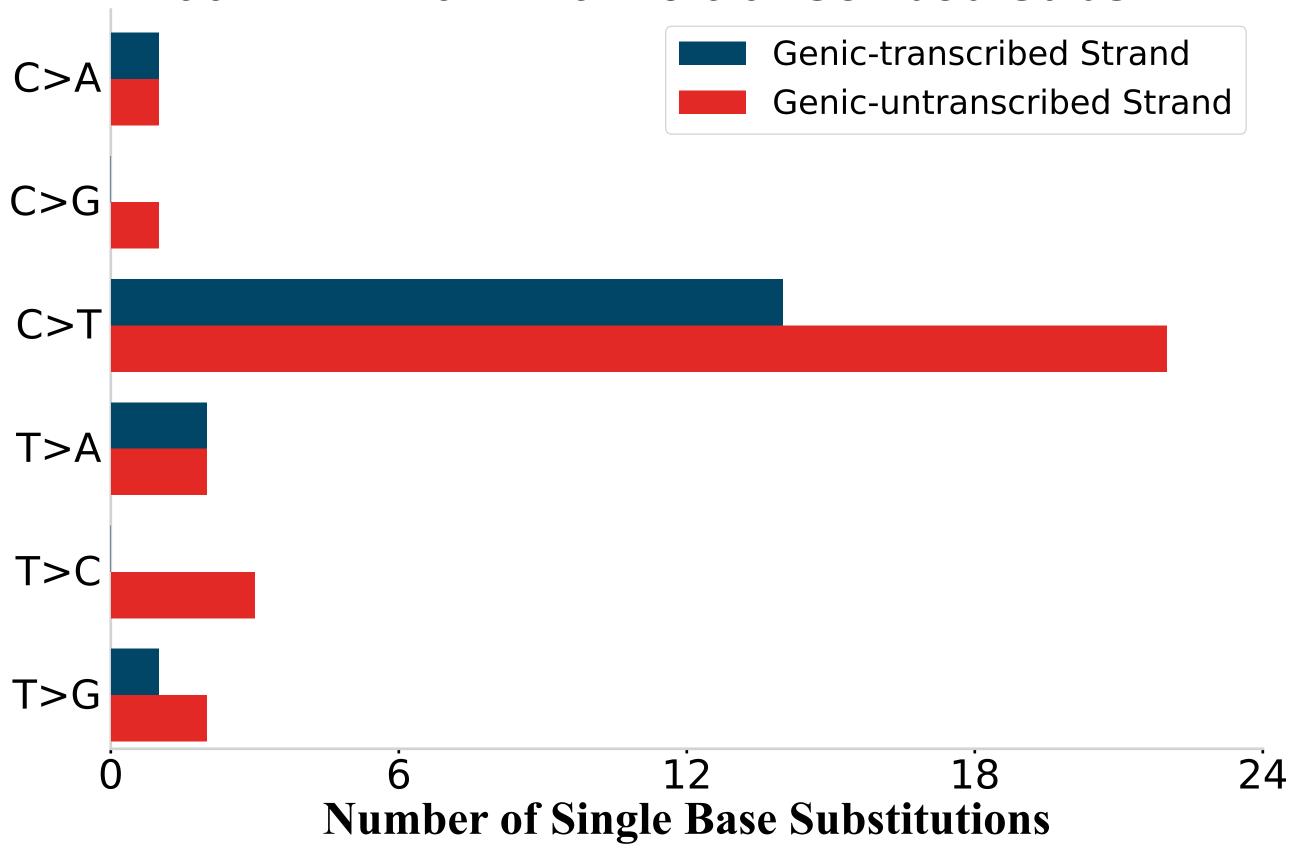
P-0014206-T01-IM6: 26 transcribed subs



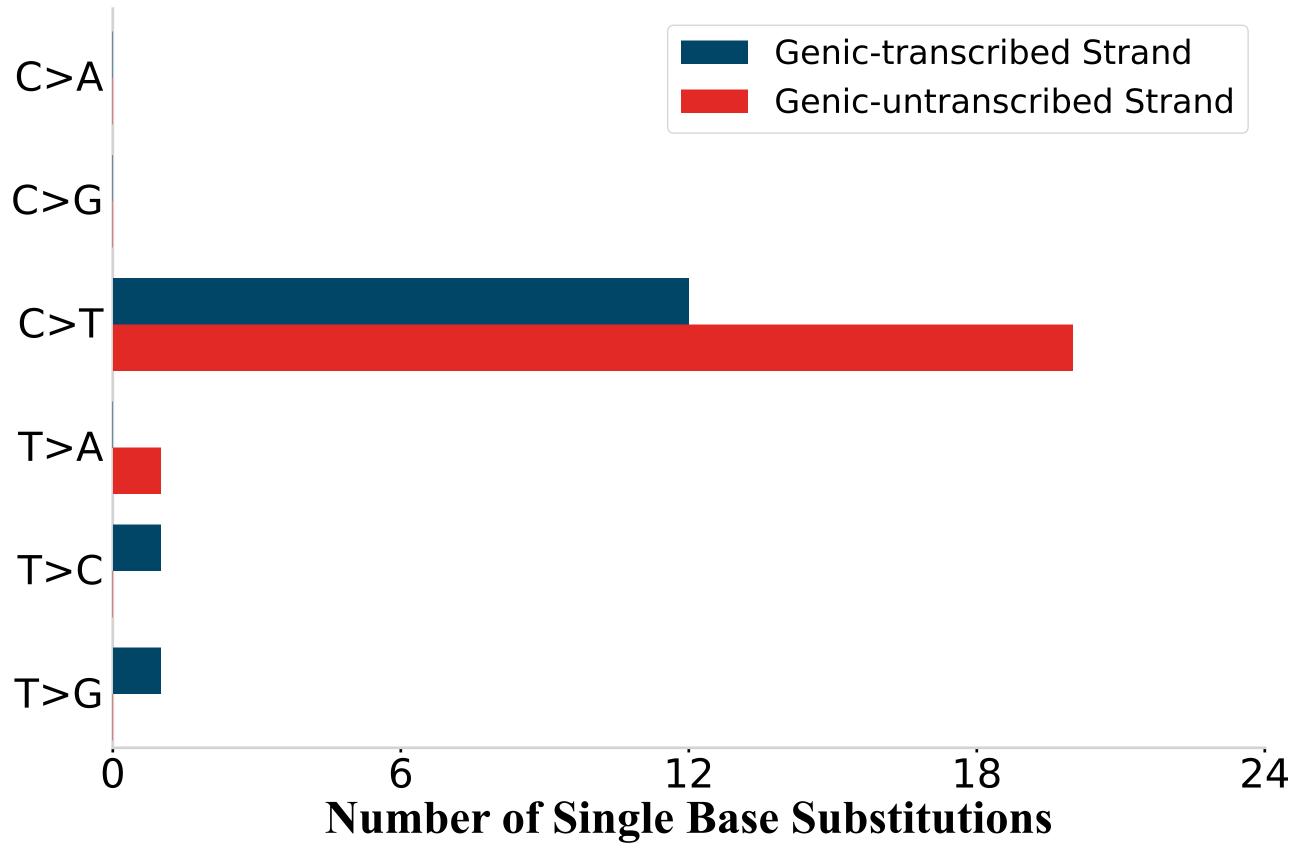
P-0014208-T01-IM6: 23 transcribed subs



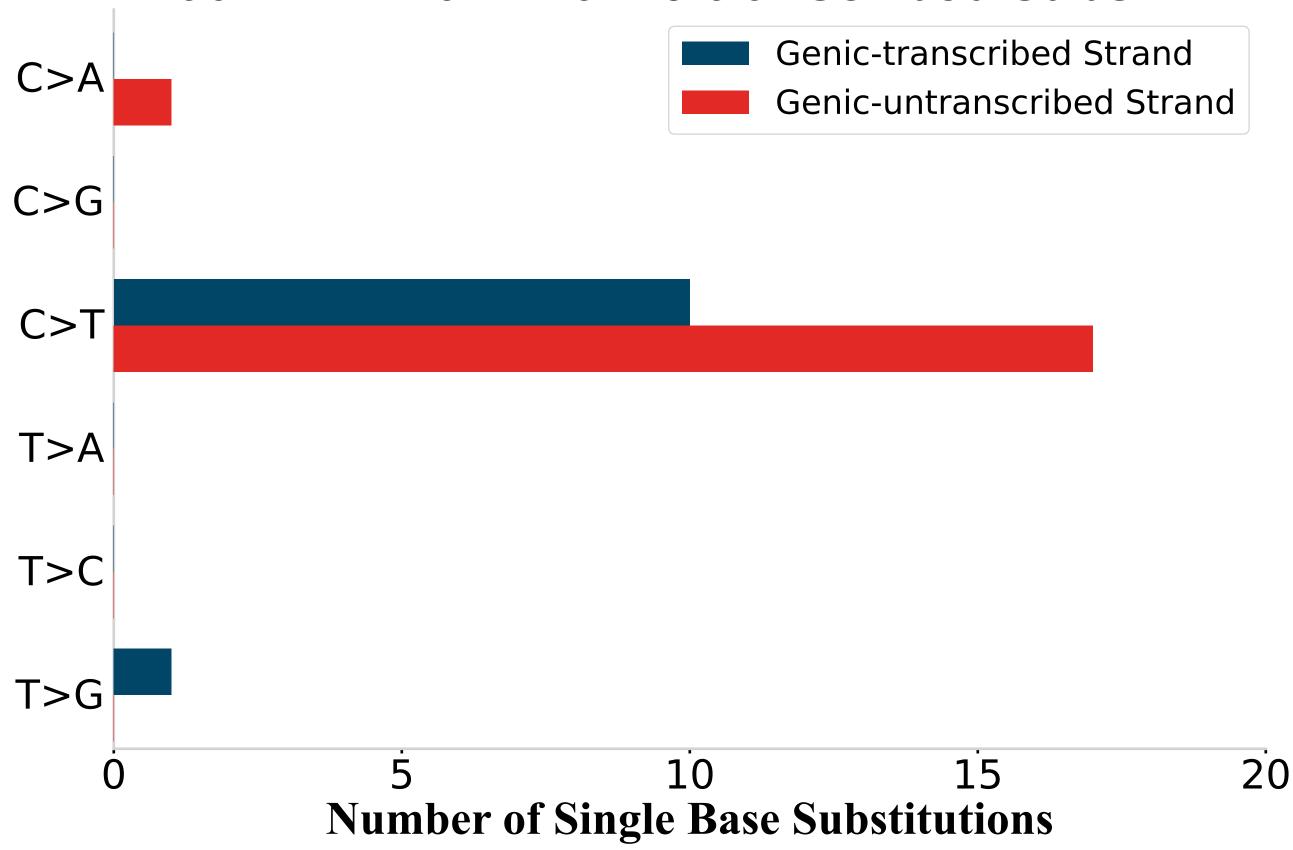
P-0014227-T01-IM6: 49 transcribed subs



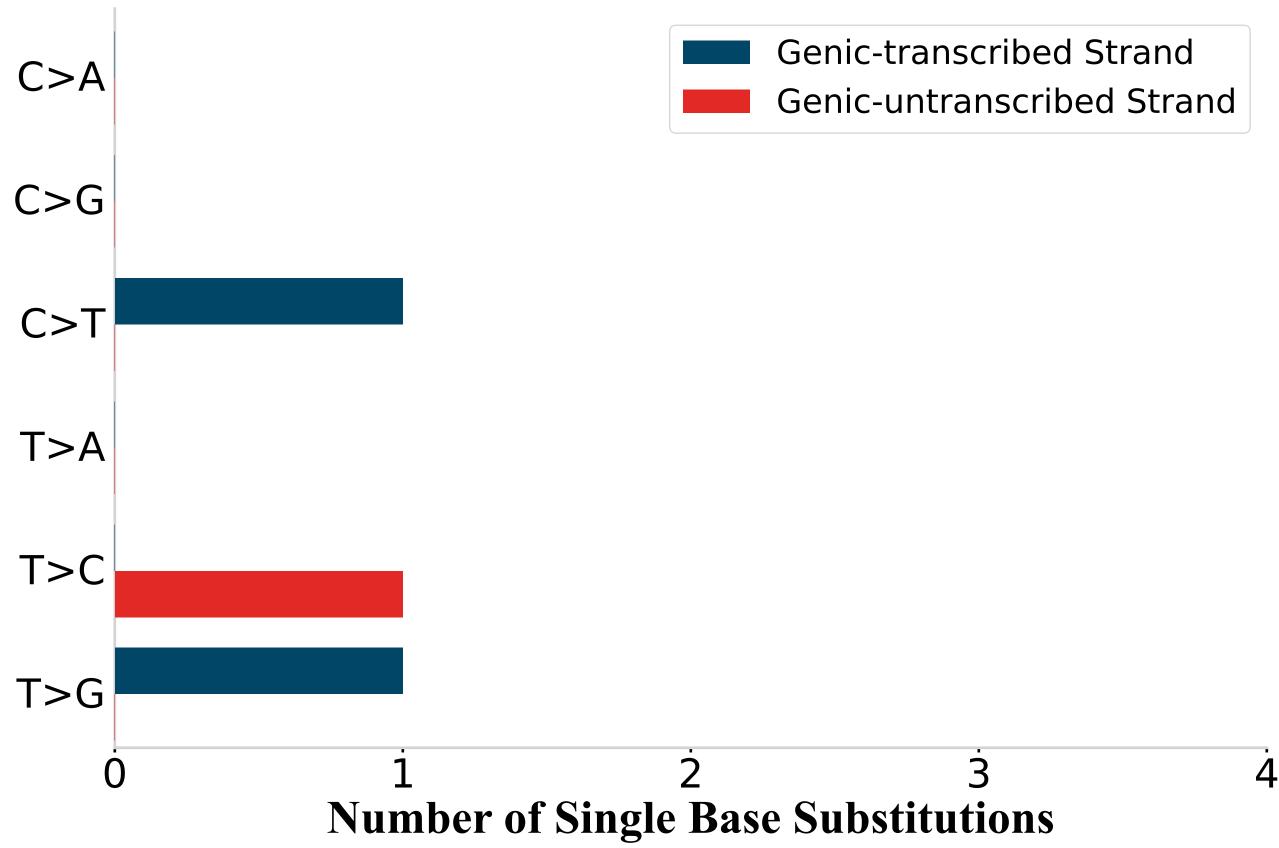
P-0014229-T01-IM6: 35 transcribed subs



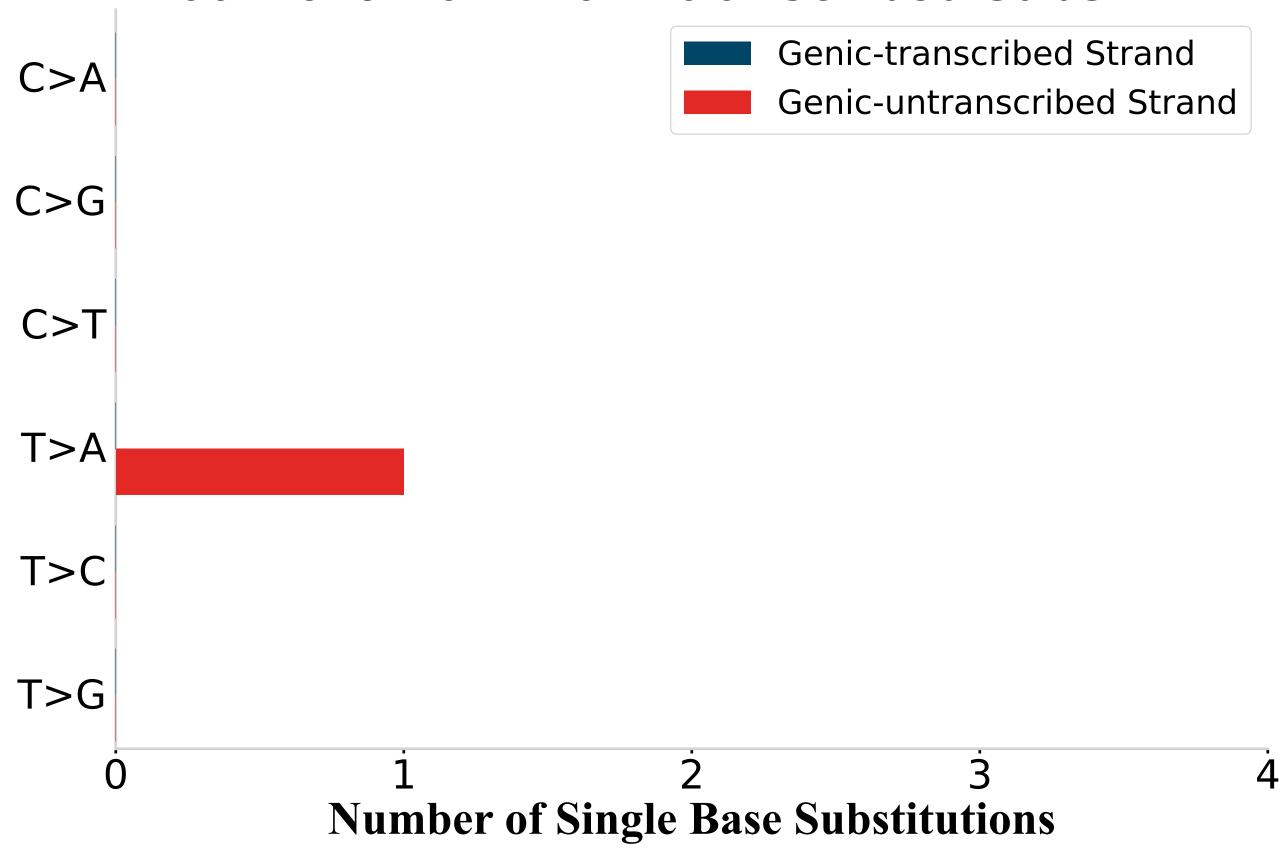
P-0014242-T01-IM6: 29 transcribed subs



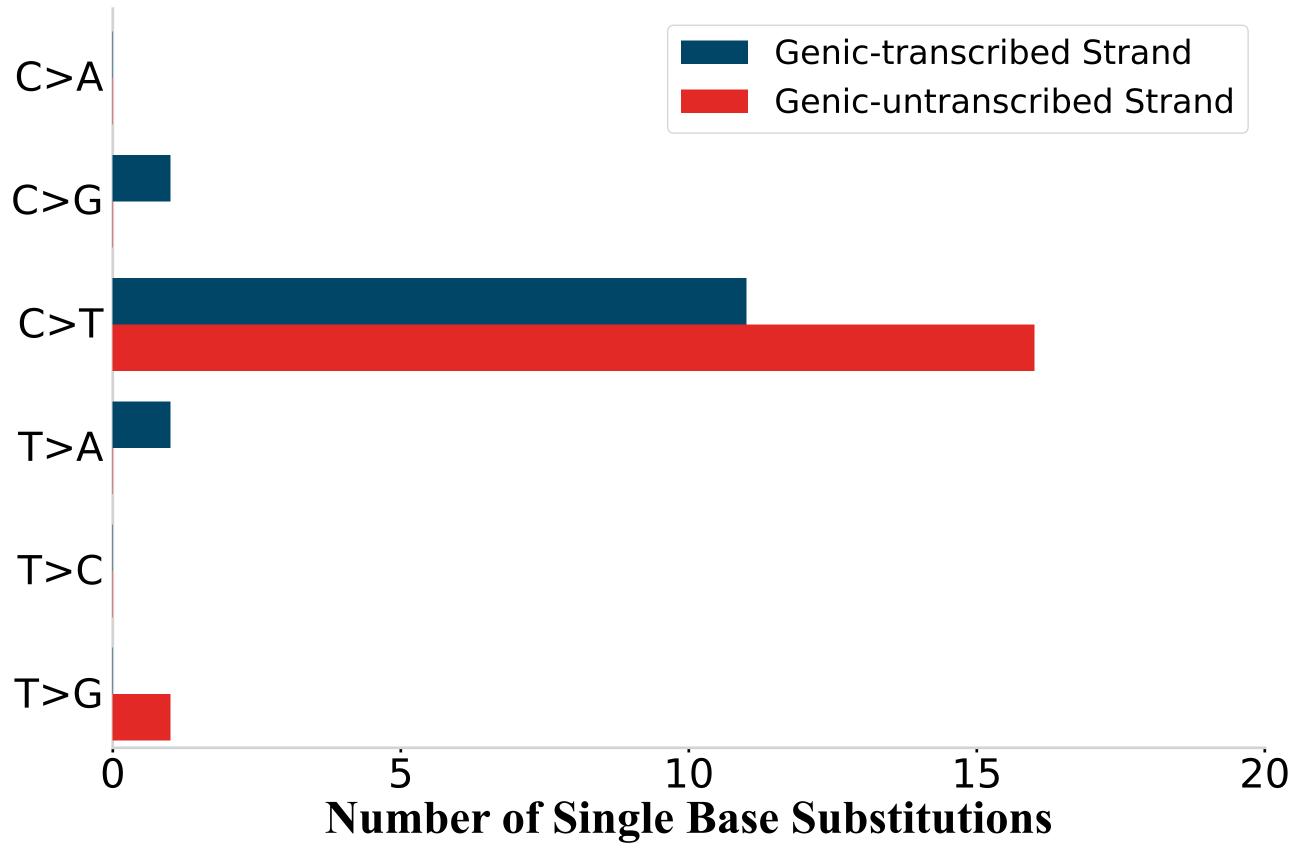
P-0014311-T01-IM6: 3 transcribed subs



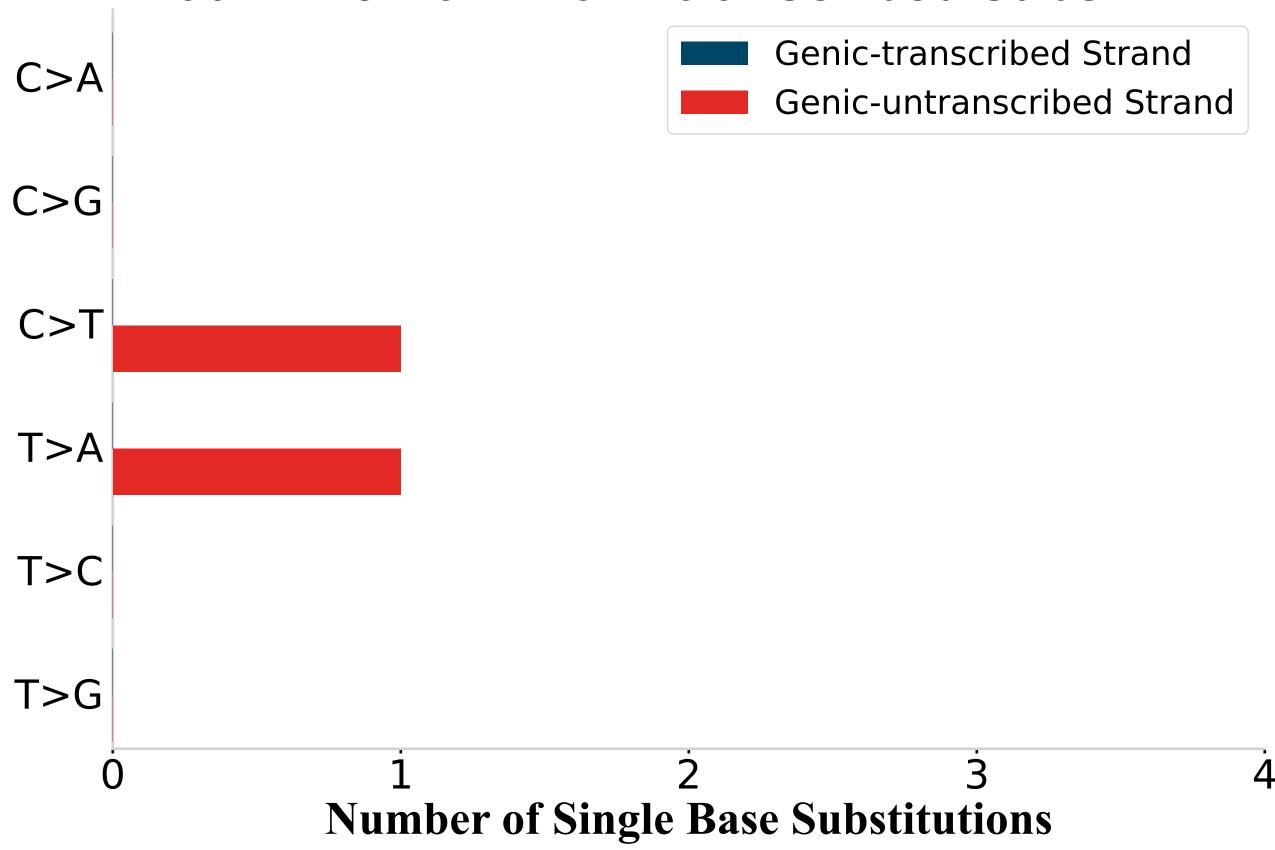
P-0014379-T01-IM6: 1 transcribed subs



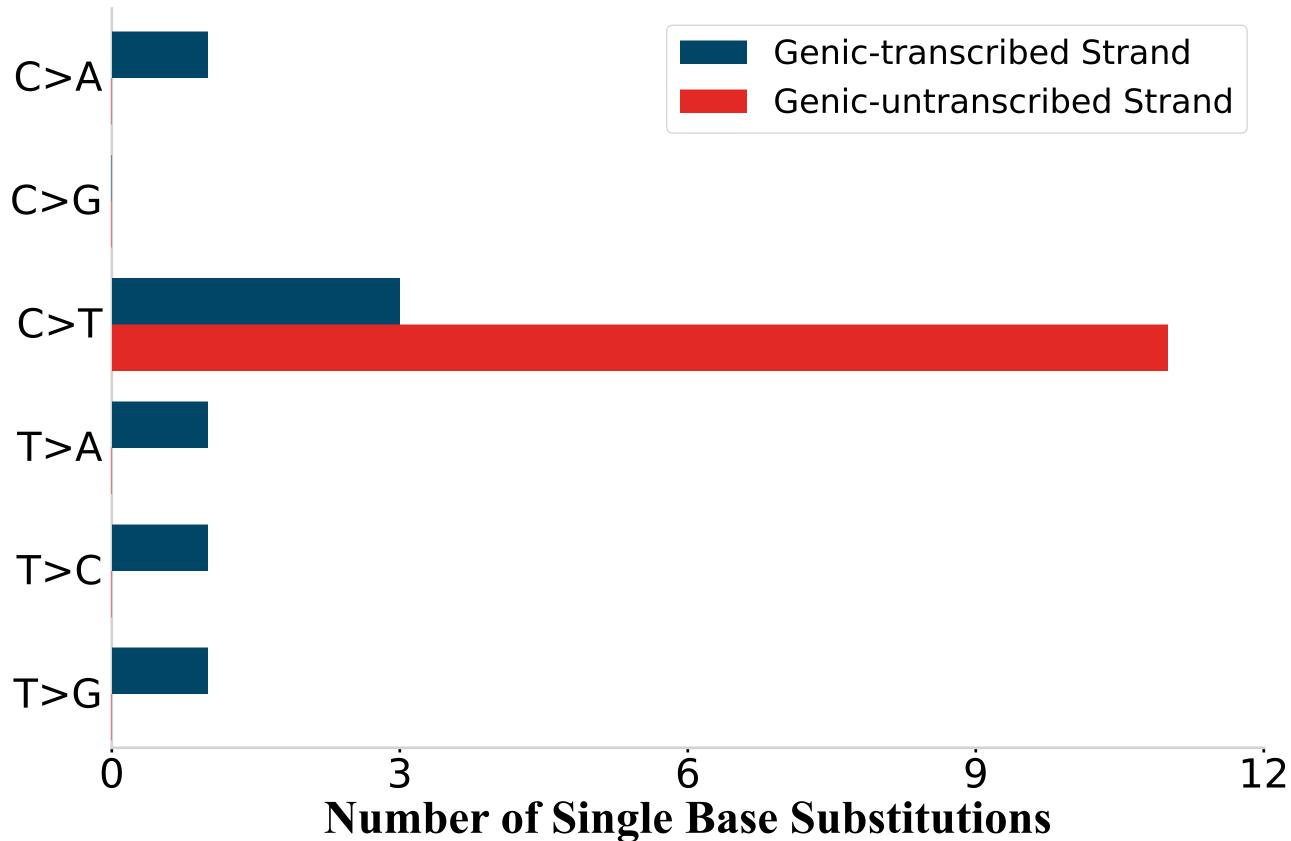
P-0014392-T01-IM6: 30 transcribed subs



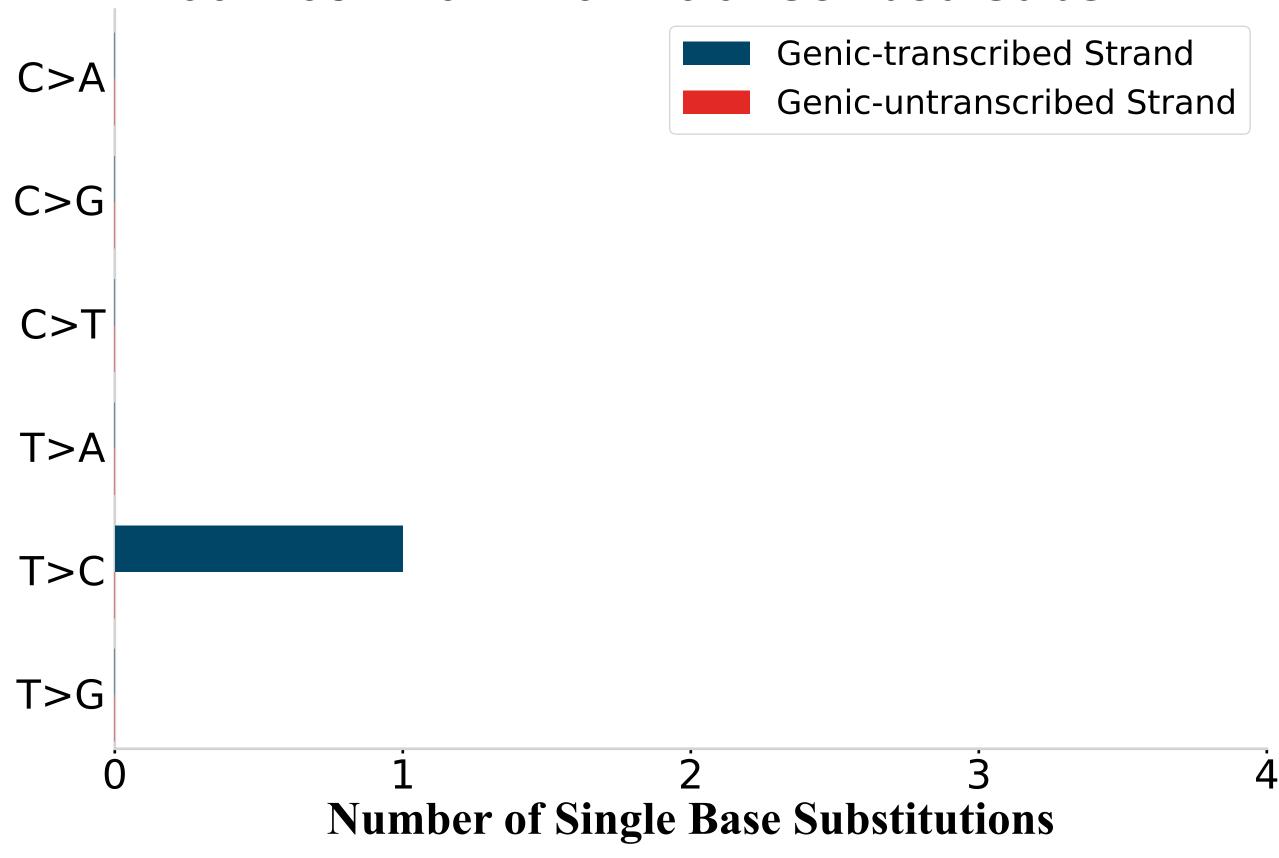
P-0014449-T01-IM6: 2 transcribed subs



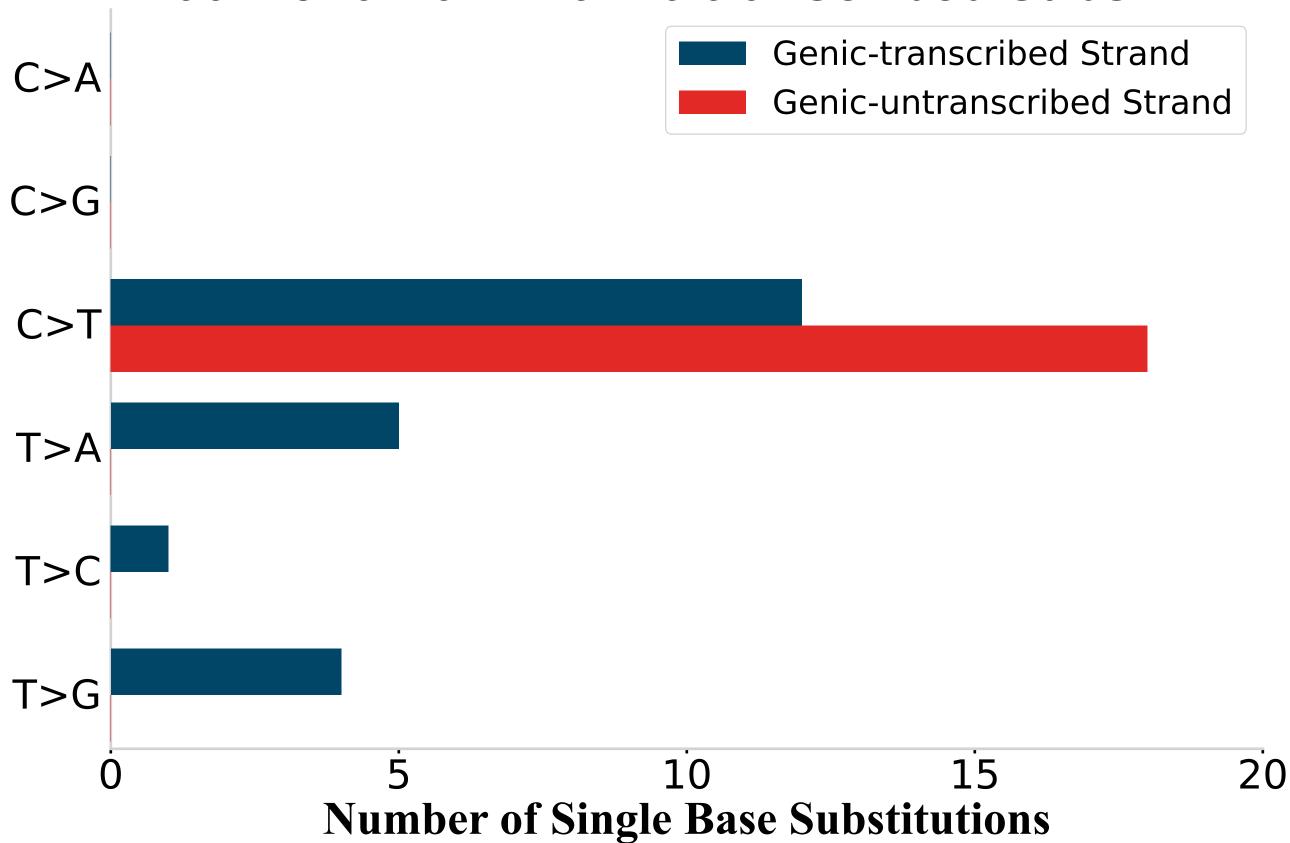
P-0014556-T01-IM6: 18 transcribed subs



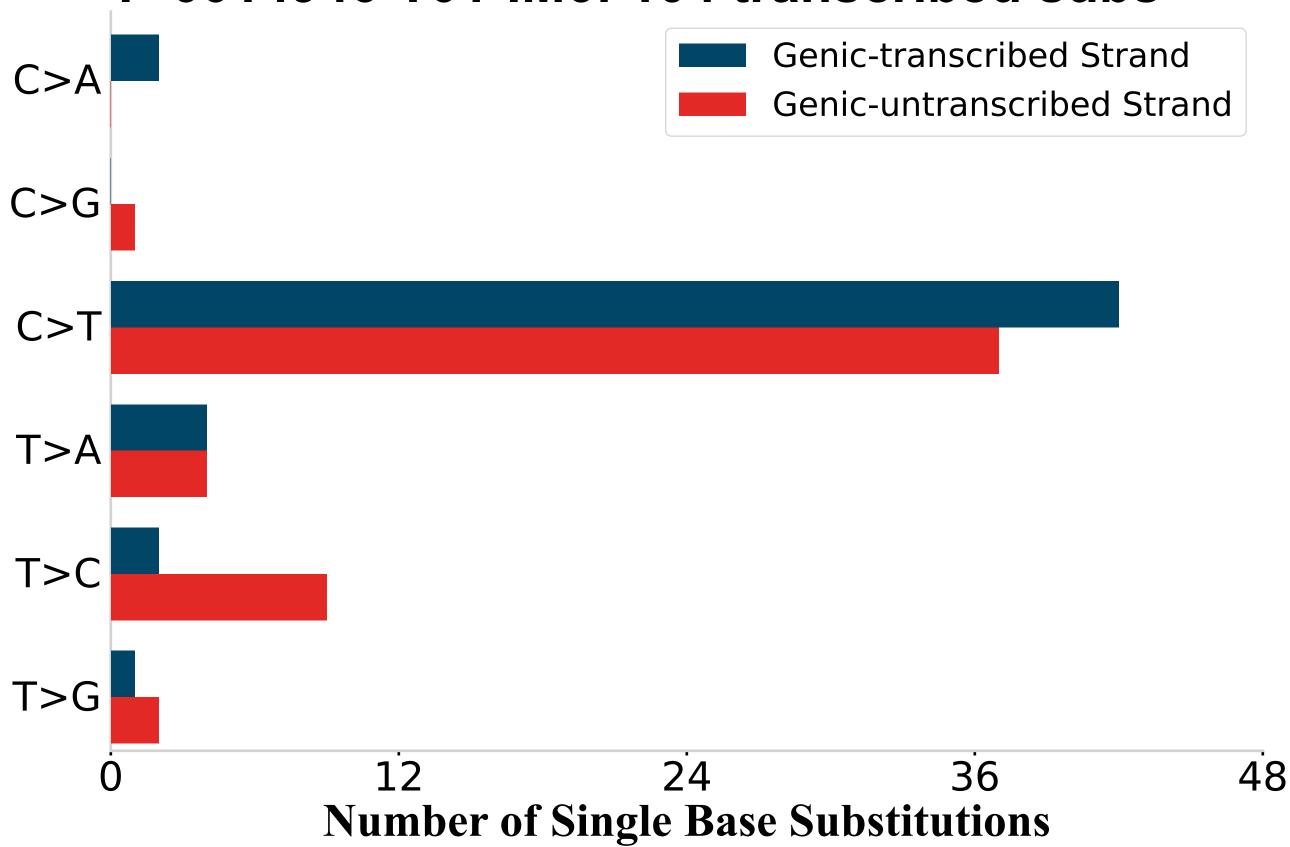
P-0014682-T01-IM6: 1 transcribed subs



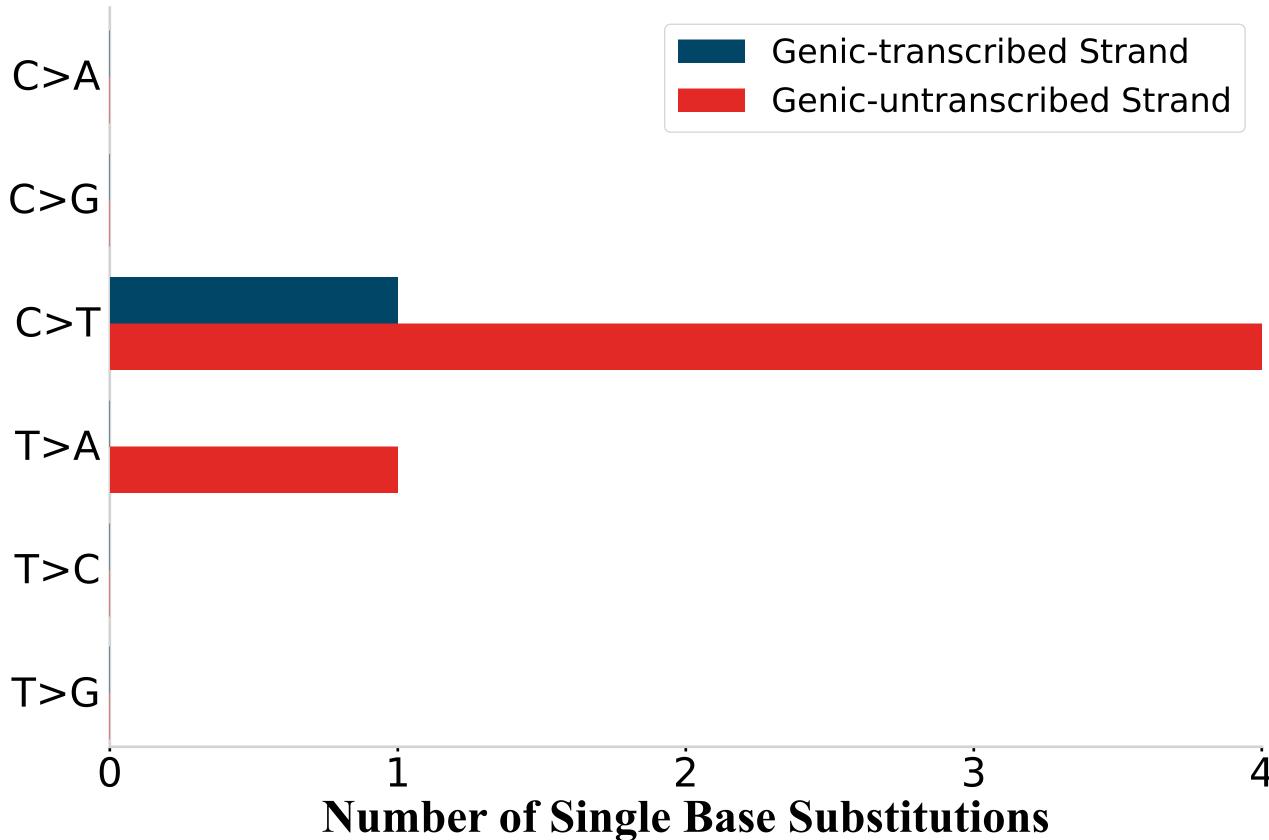
P-0014910-T01-IM6: 40 transcribed subs



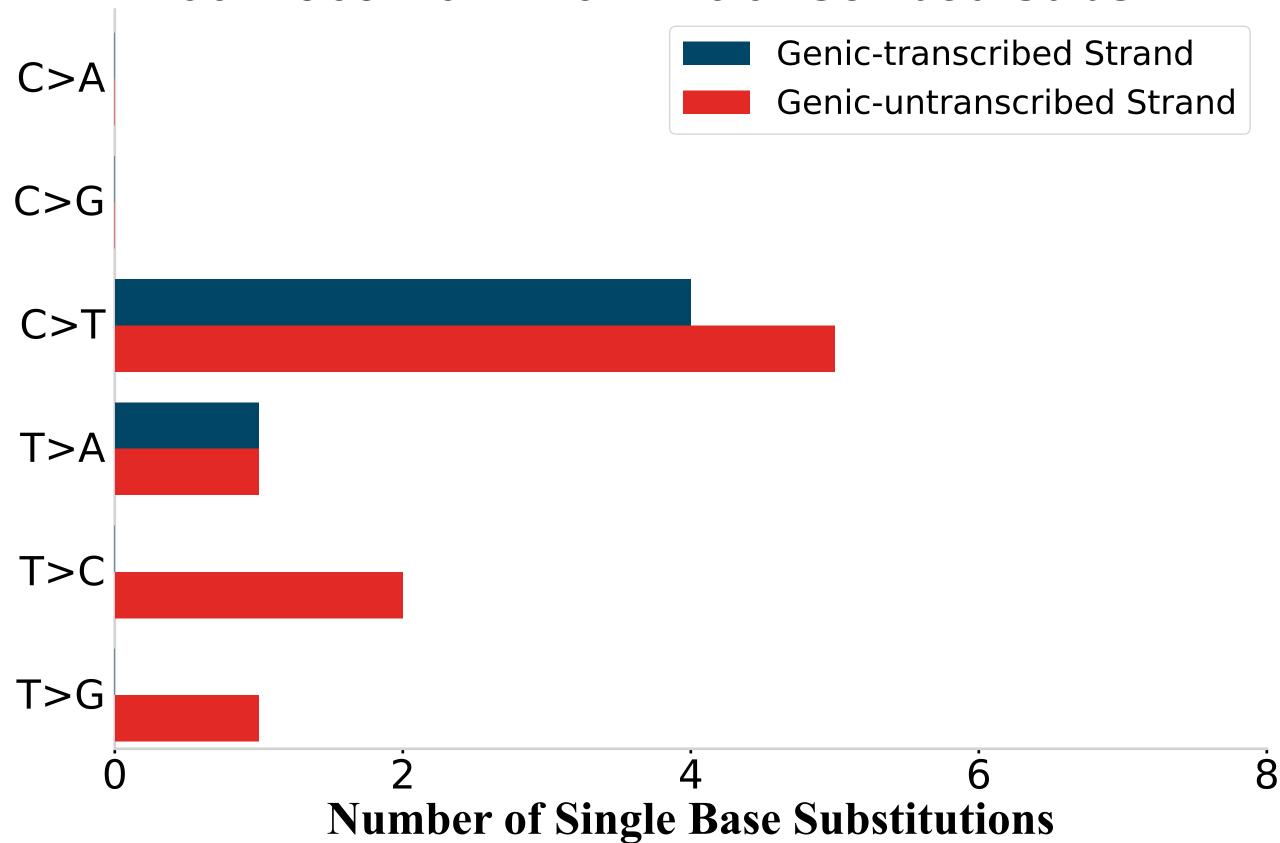
P-0014946-T01-IM6: 104 transcribed subs



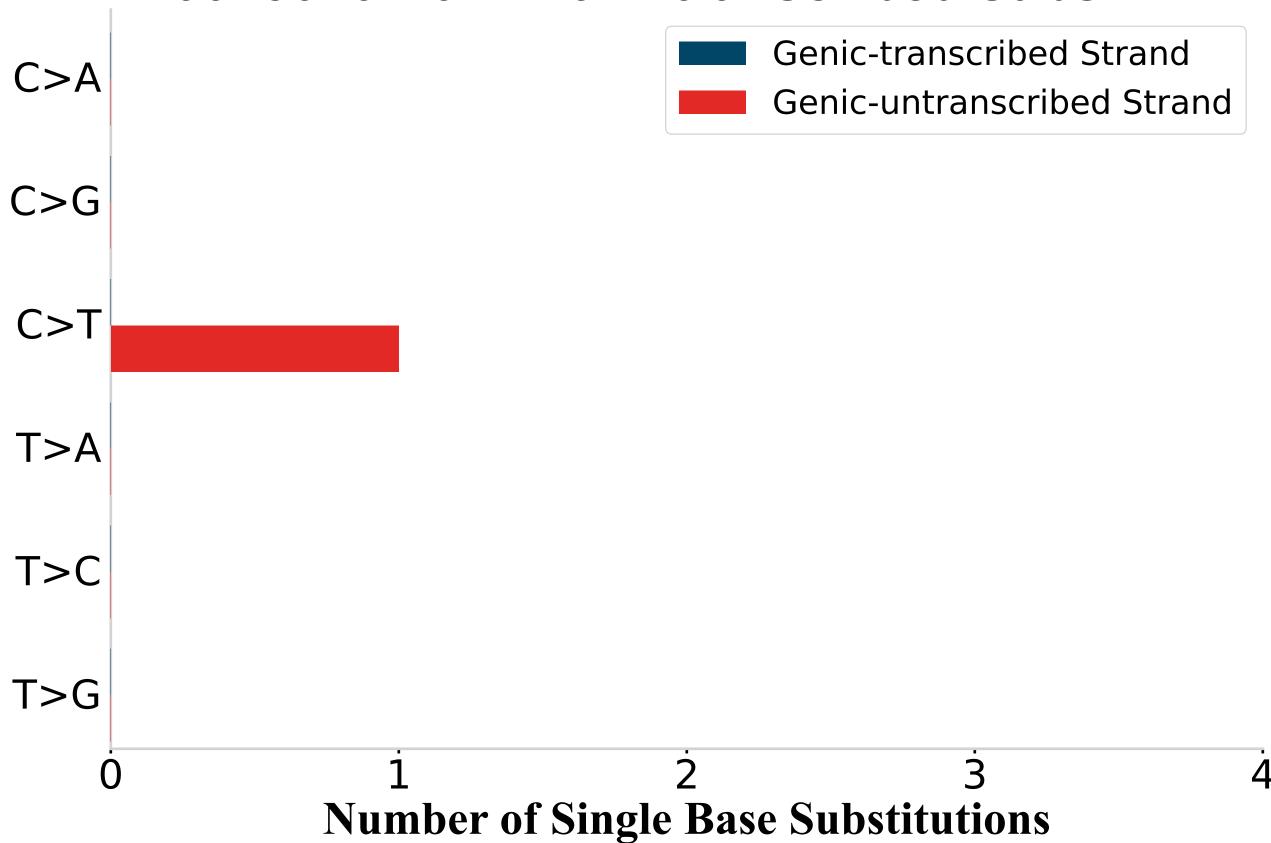
P-0014966-T01-IM6: 6 transcribed subs



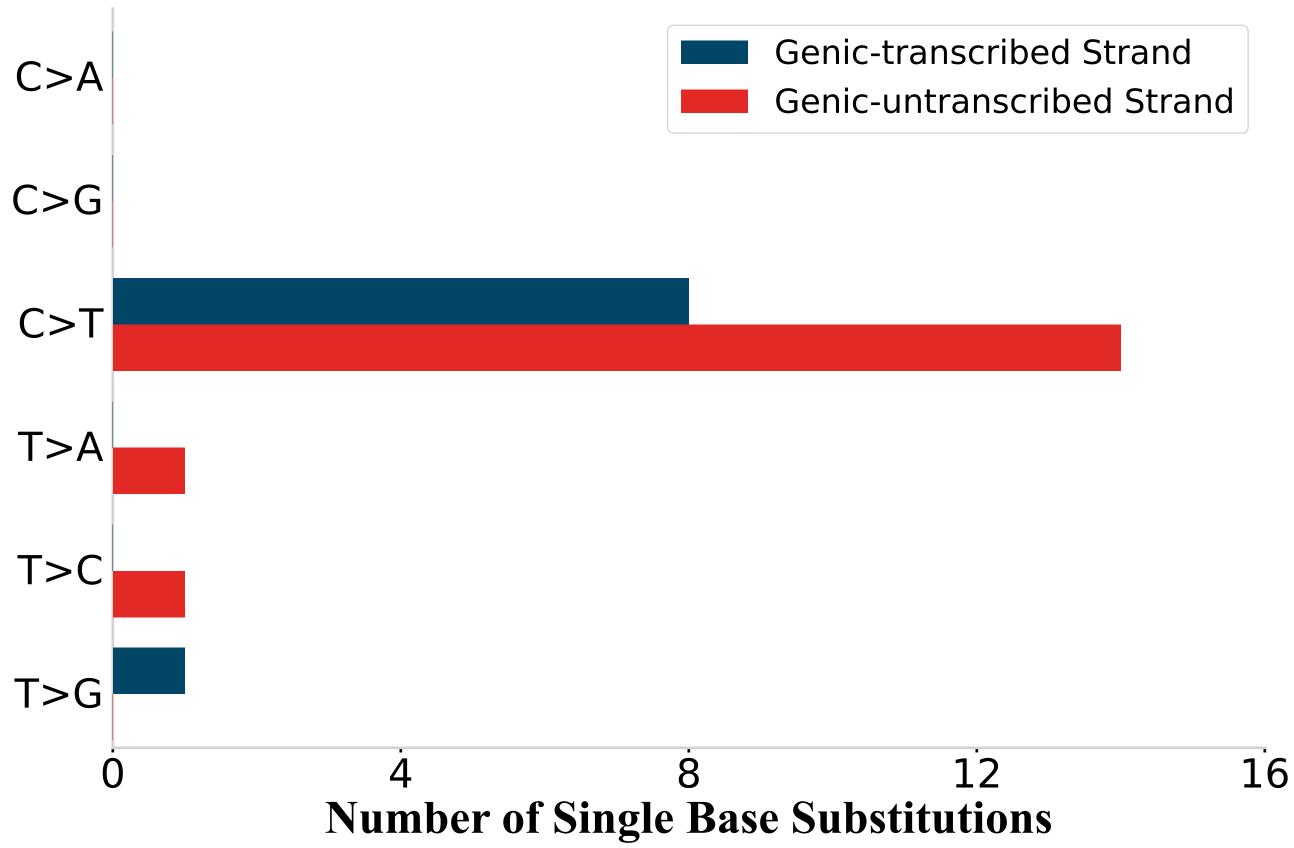
P-0014969-T01-IM6: 14 transcribed subs



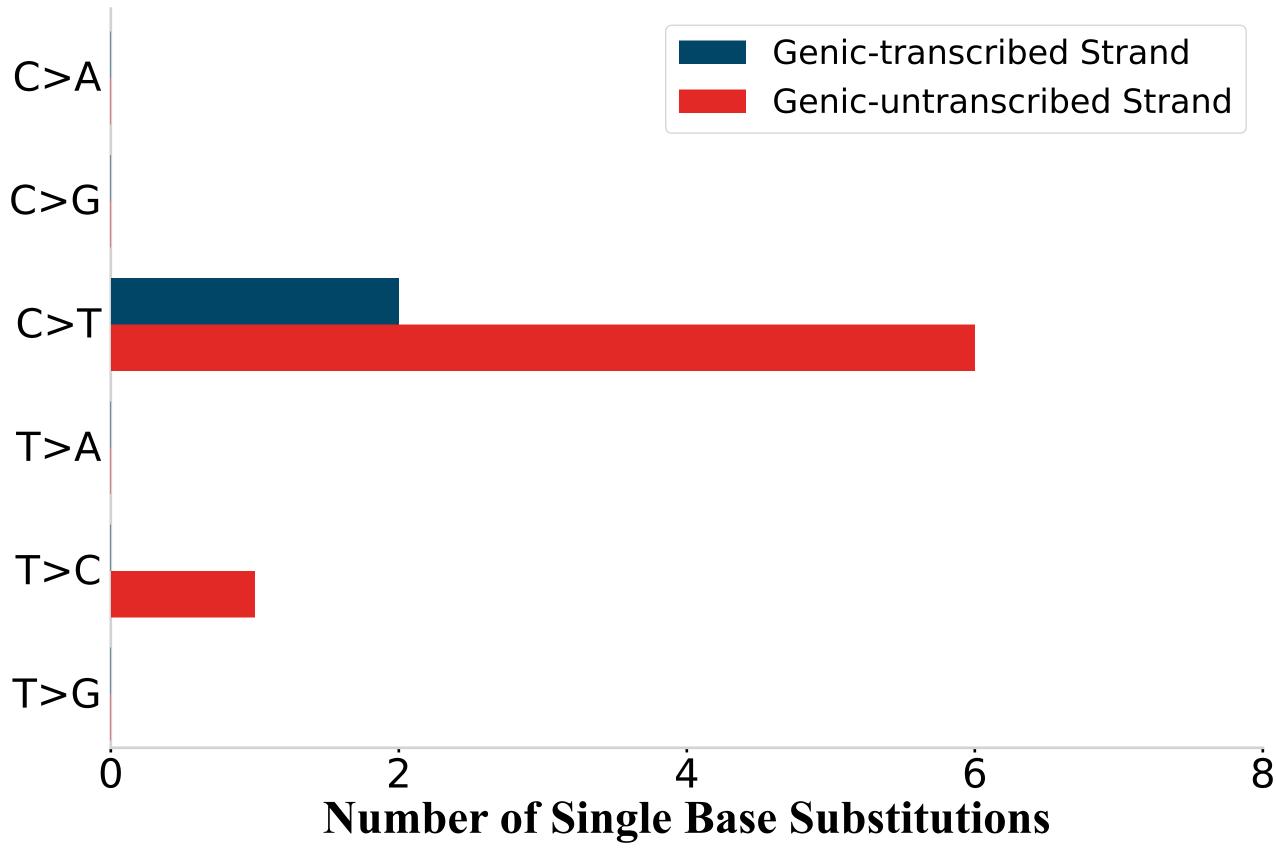
P-0015010-T01-IM6: 1 transcribed subs



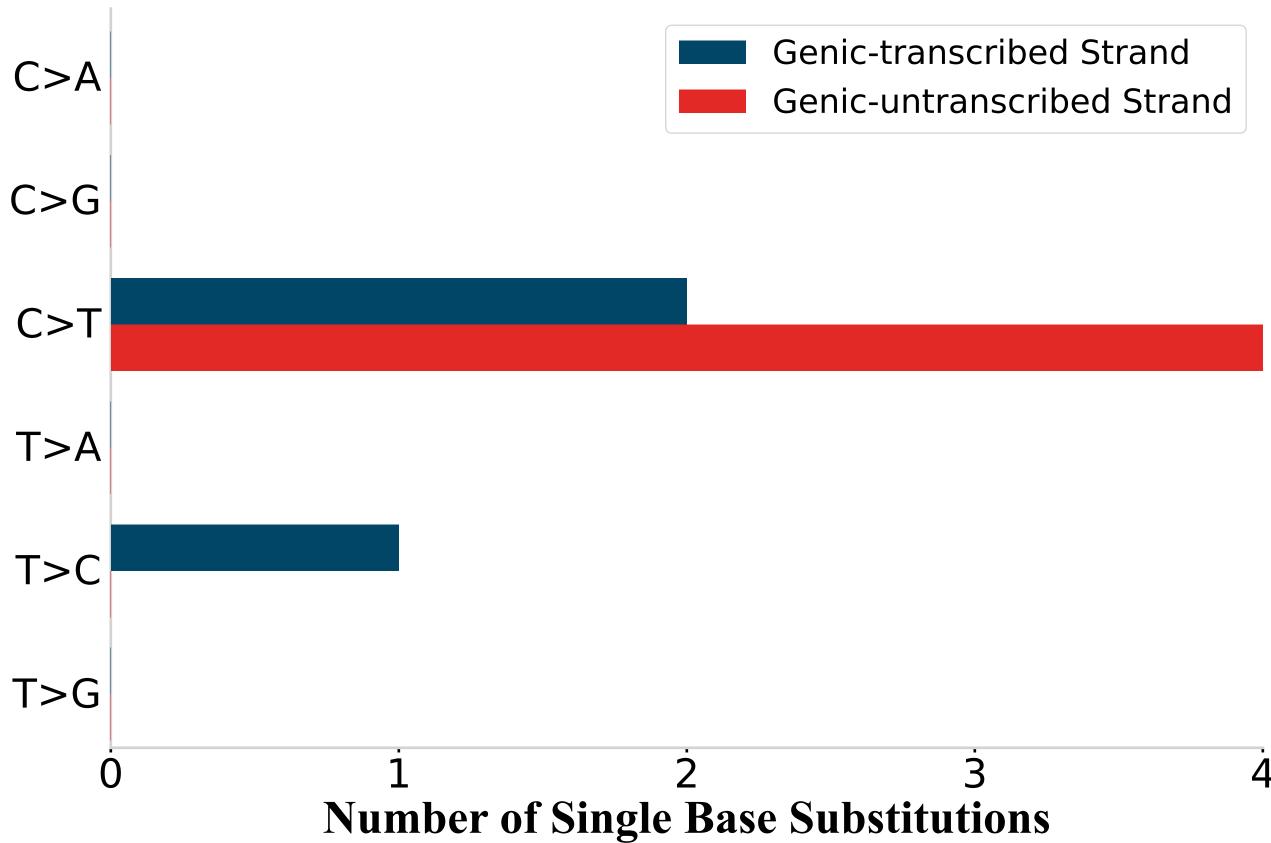
P-0015106-T01-IM6: 25 transcribed subs



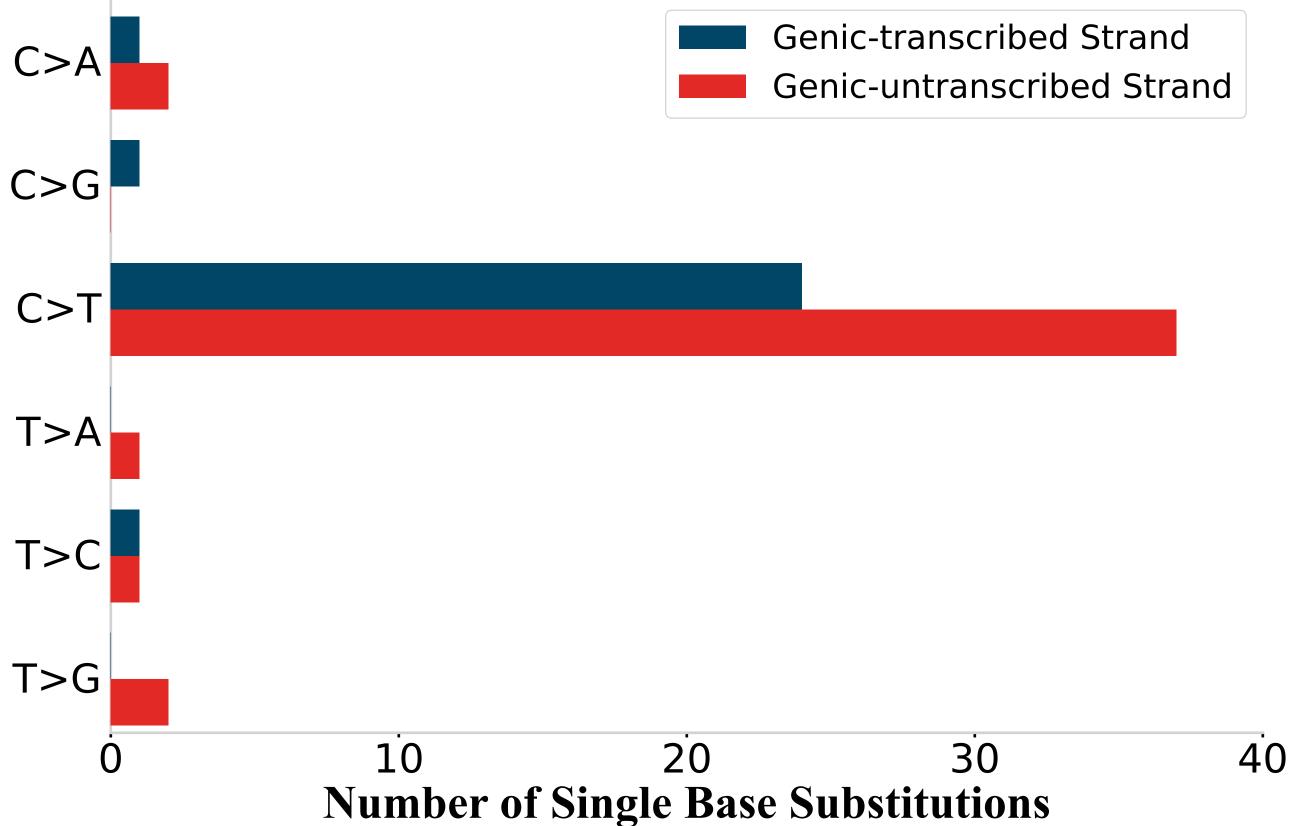
P-0015122-T01-IM6: 9 transcribed subs



P-0015142-T01-IM6: 7 transcribed subs



P-0015257-T01-IM6: 70 transcribed subs Genic-transcribed Stranscribed



P-0015261-T01-IM6: 62 transcribed subs Genic-transcribed Strand C>A Genic-untranscribed Strand C>T T>A T>C T>G

22

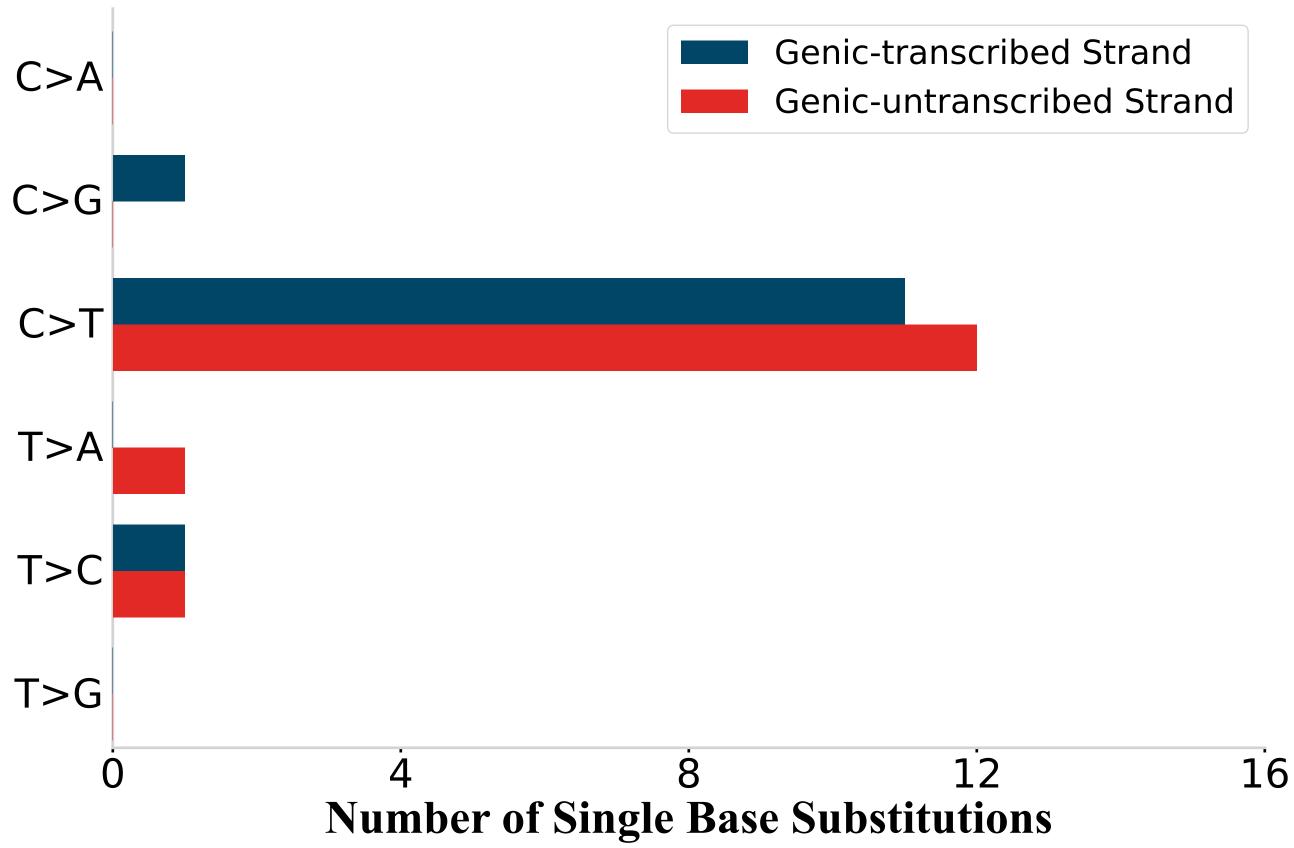
Number of Single Base Substitutions

11

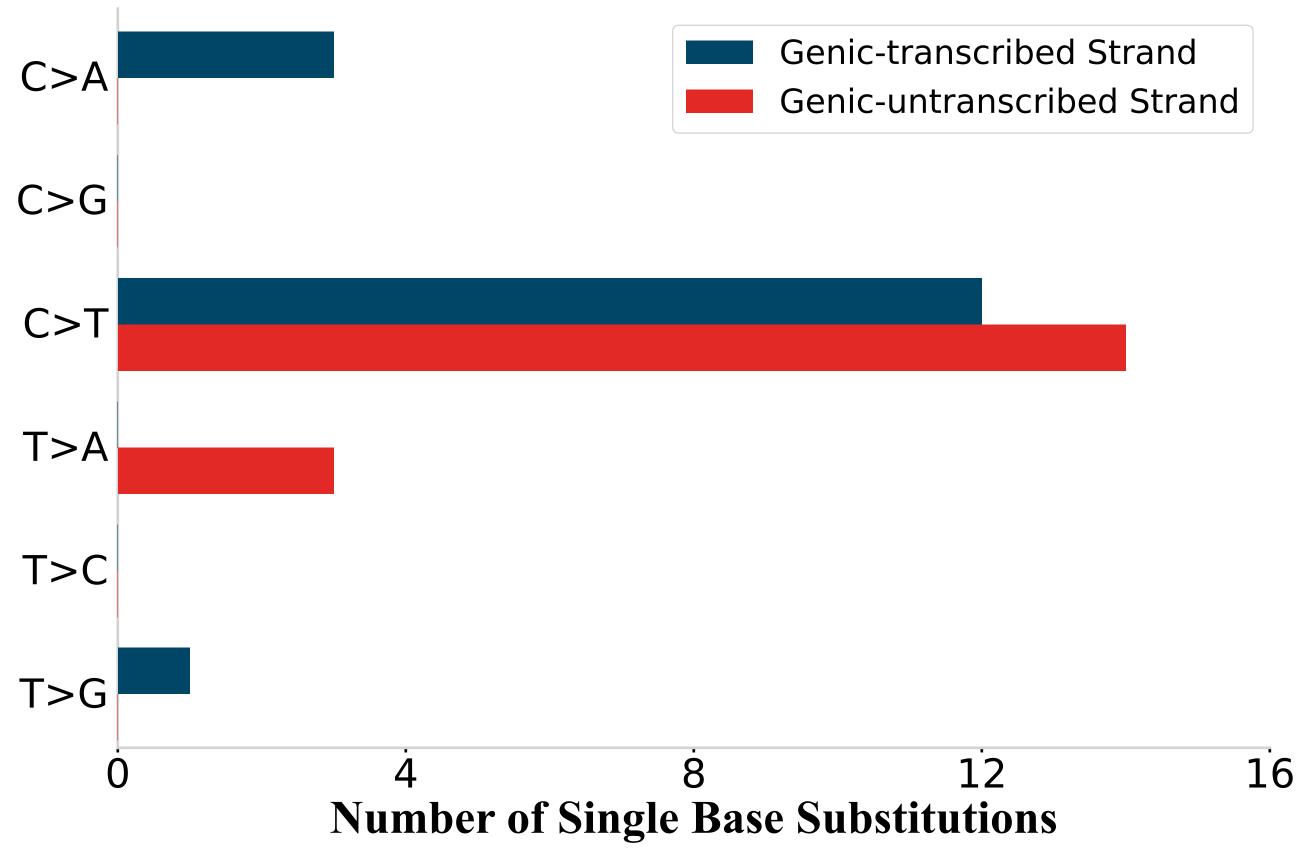
33

44

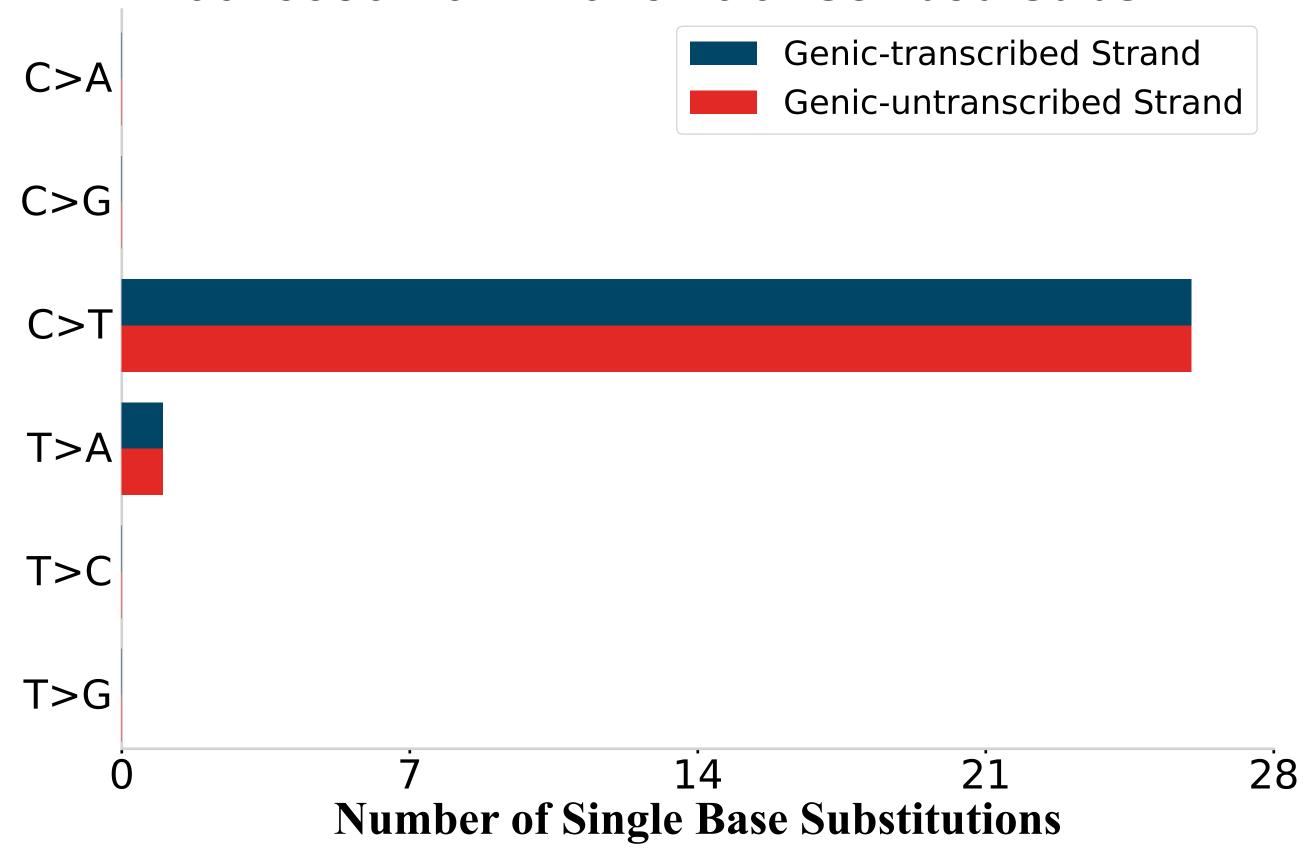
P-0015281-T01-IM6: 27 transcribed subs



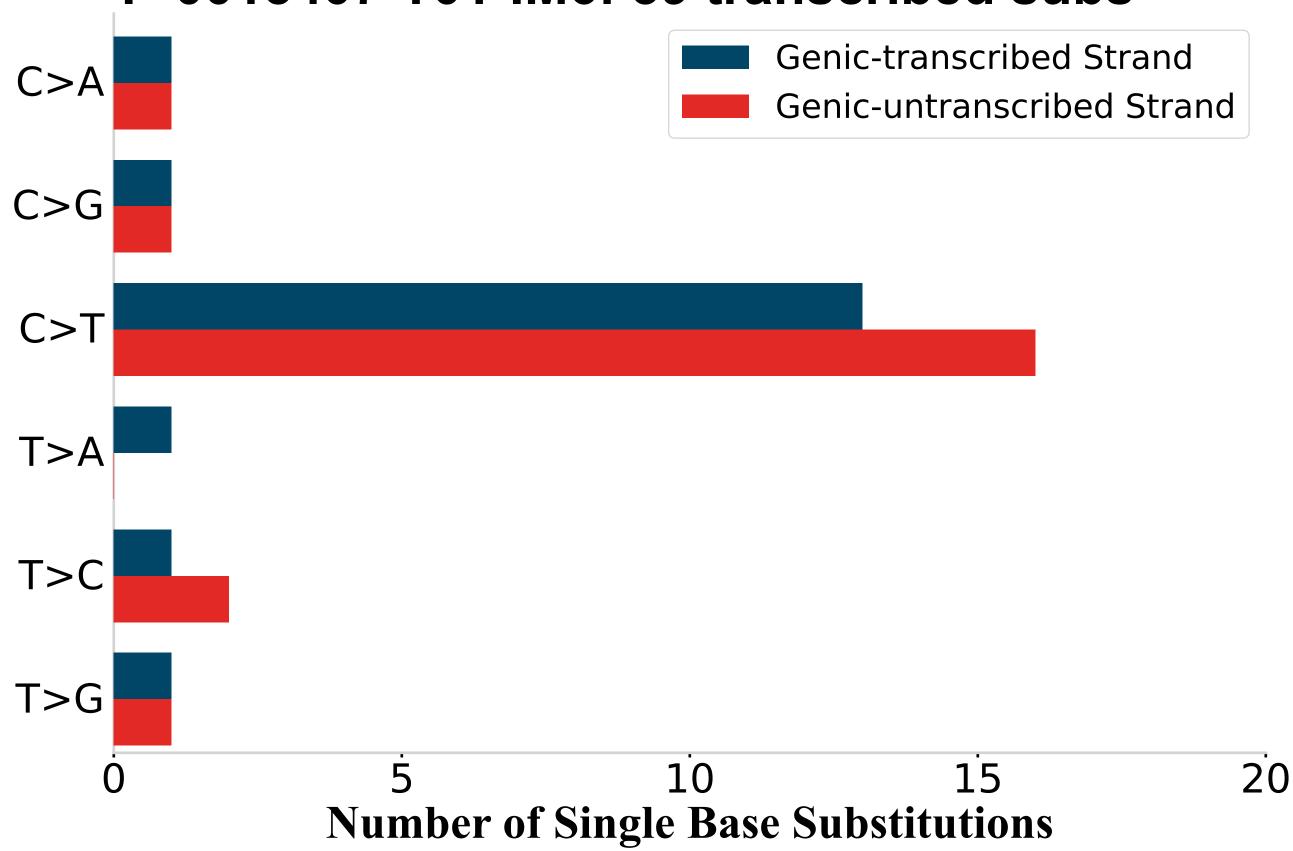
P-0015373-T01-IM6: 33 transcribed subs



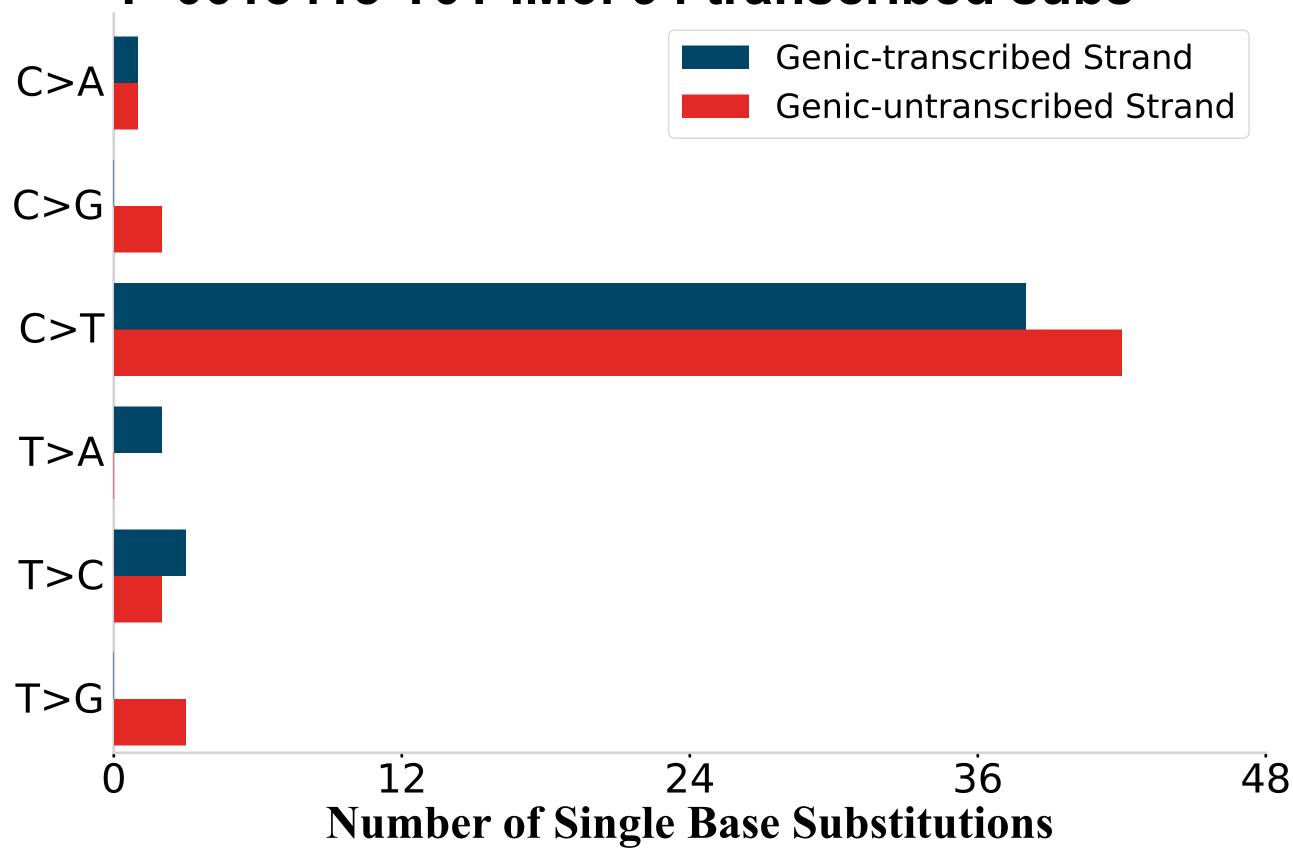
P-0015386-T01-IM6: 54 transcribed subs



P-0015407-T01-IM6: 39 transcribed subs



P-0015415-T01-IM6: 94 transcribed subs

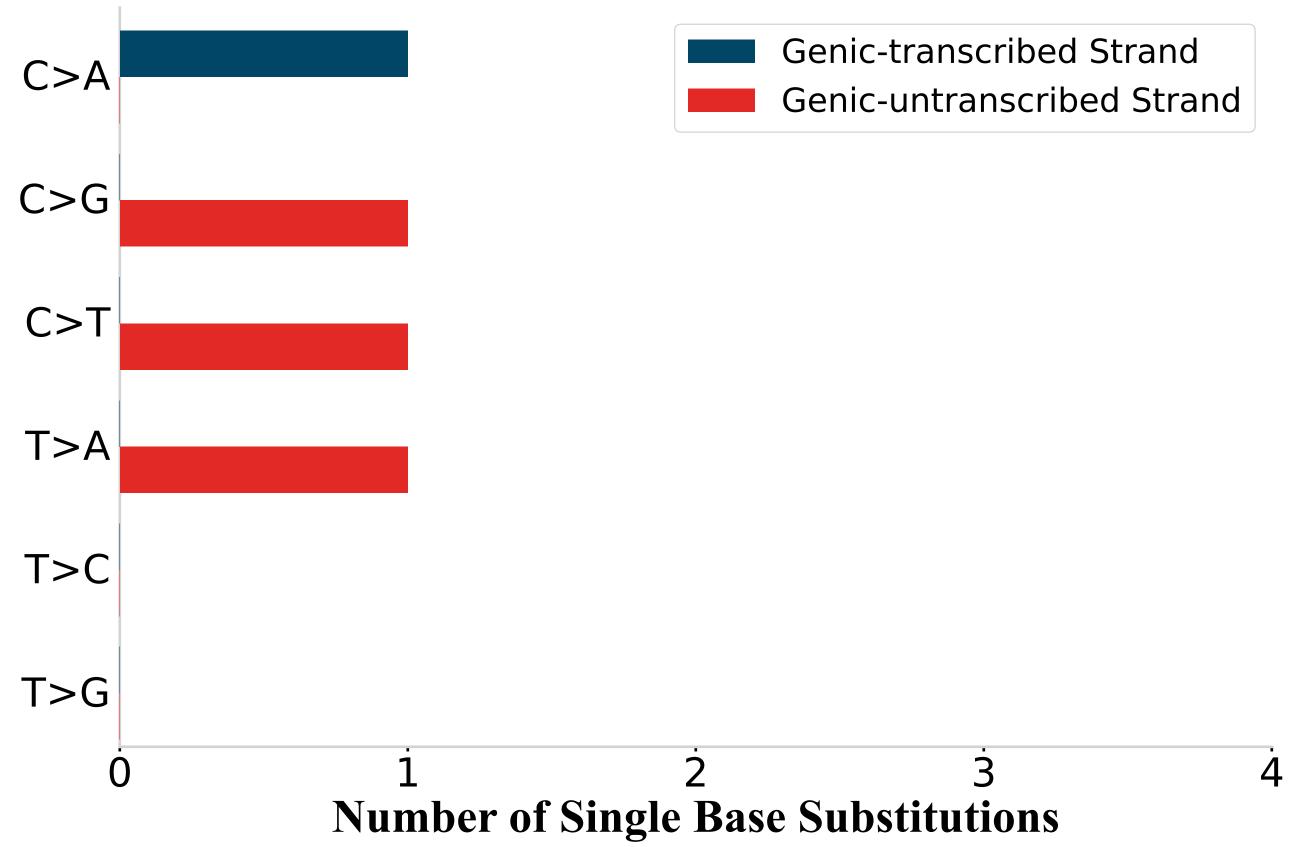


P-0015438-T01-IM6: 77 transcribed subs Genic-transcribed Strand C>A Genic-untranscribed Strand C>T T>A T>C T>G

11 22 33 Number of Single Base Substitutions

44

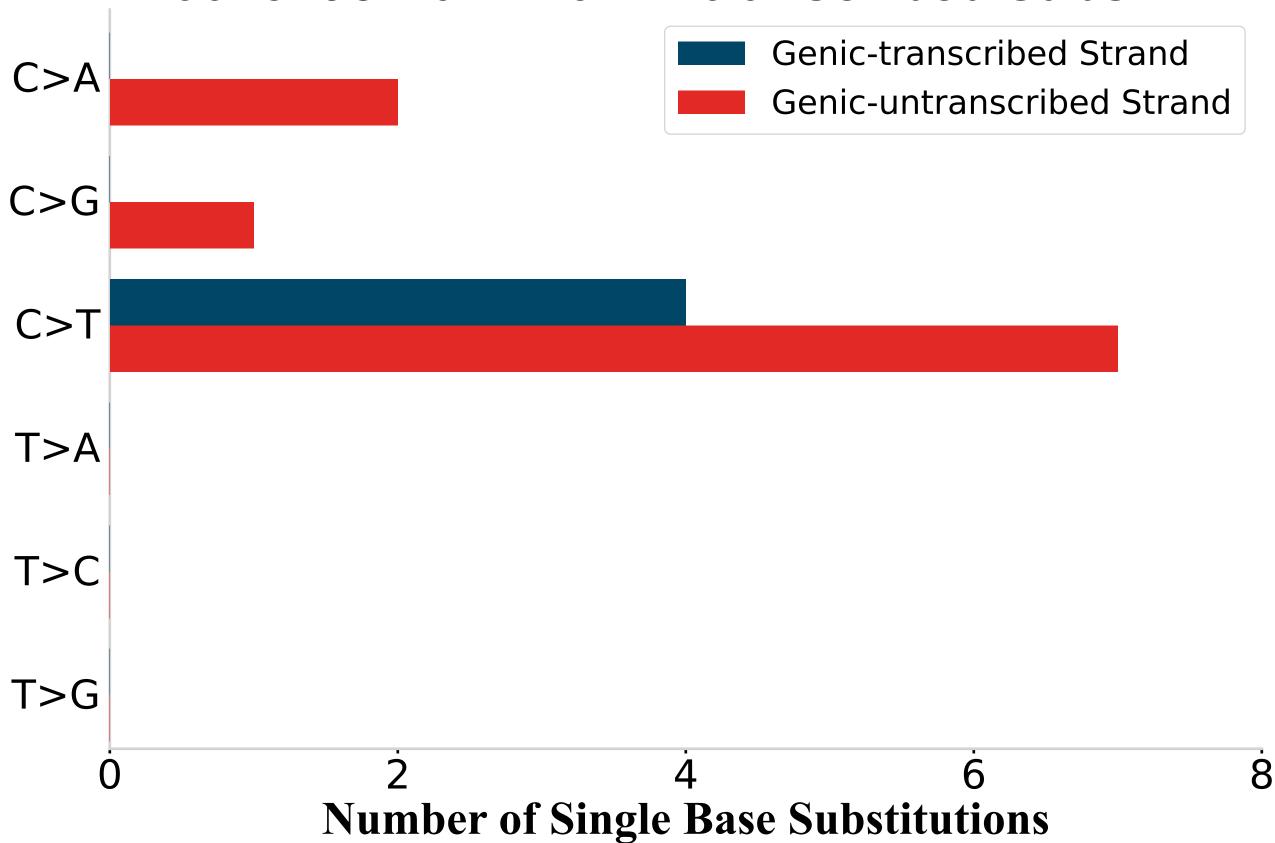
P-0015462-T01-IM6: 4 transcribed subs



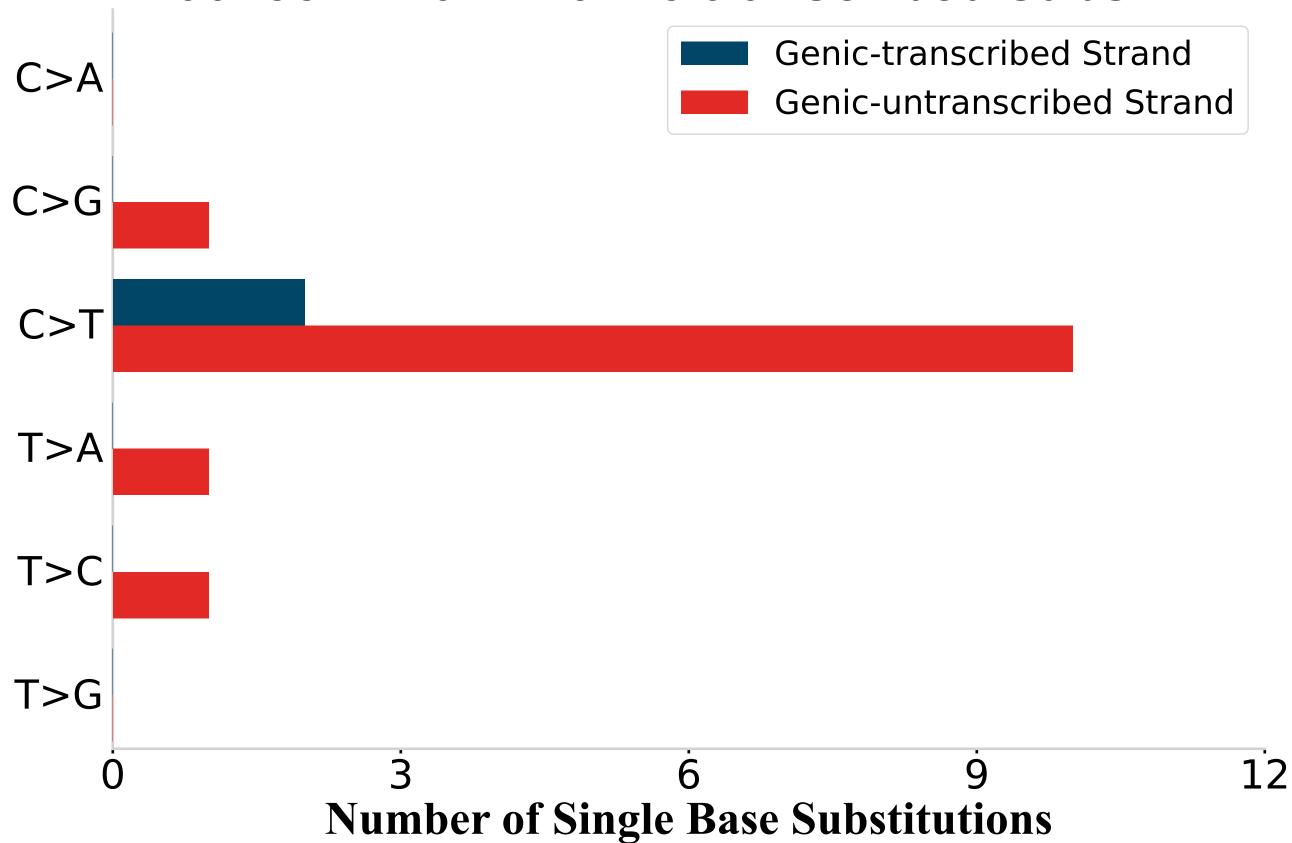
P-0015471-T01-IM6: 2 transcribed subs



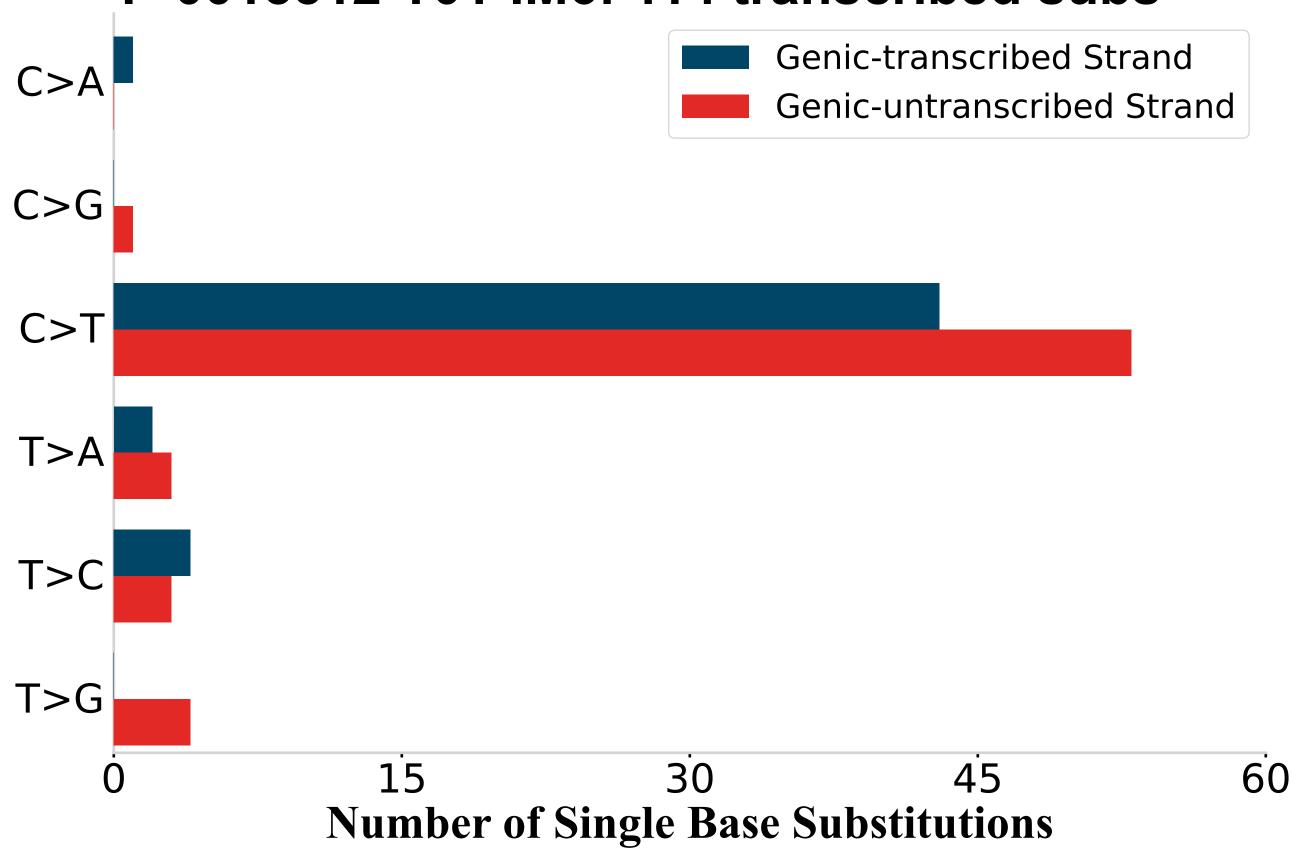
P-0015498-T01-IM6: 14 transcribed subs



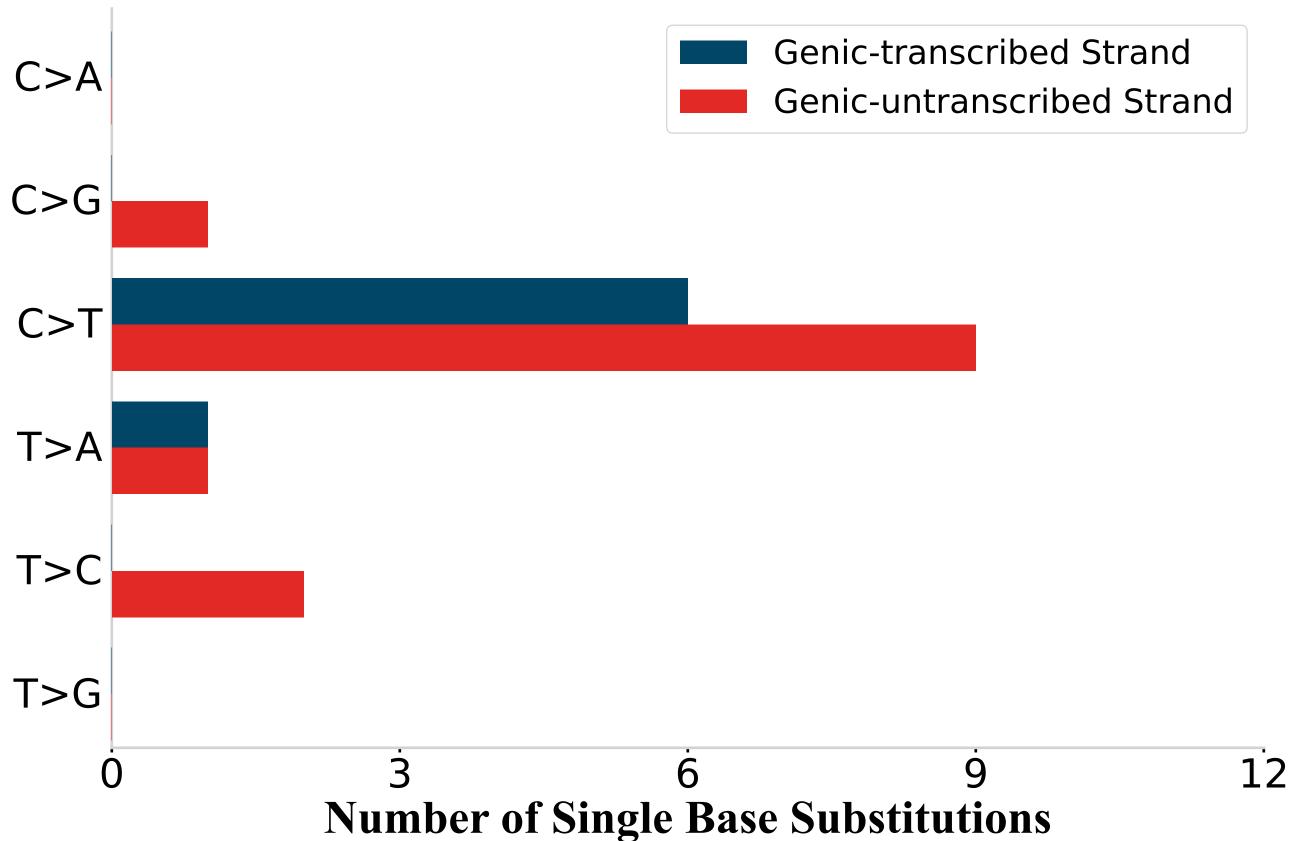
P-0015511-T01-IM6: 15 transcribed subs



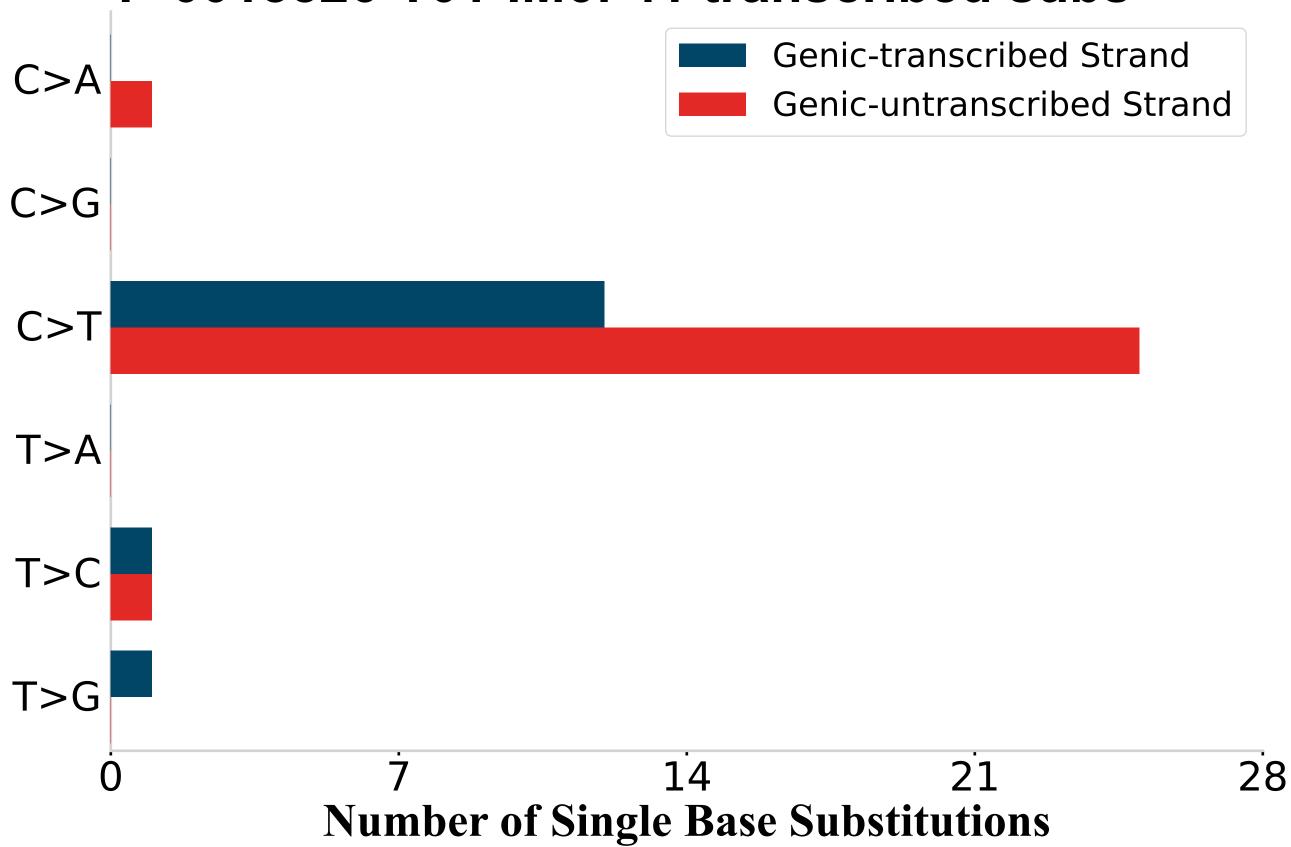
P-0015512-T01-IM6: 114 transcribed subs



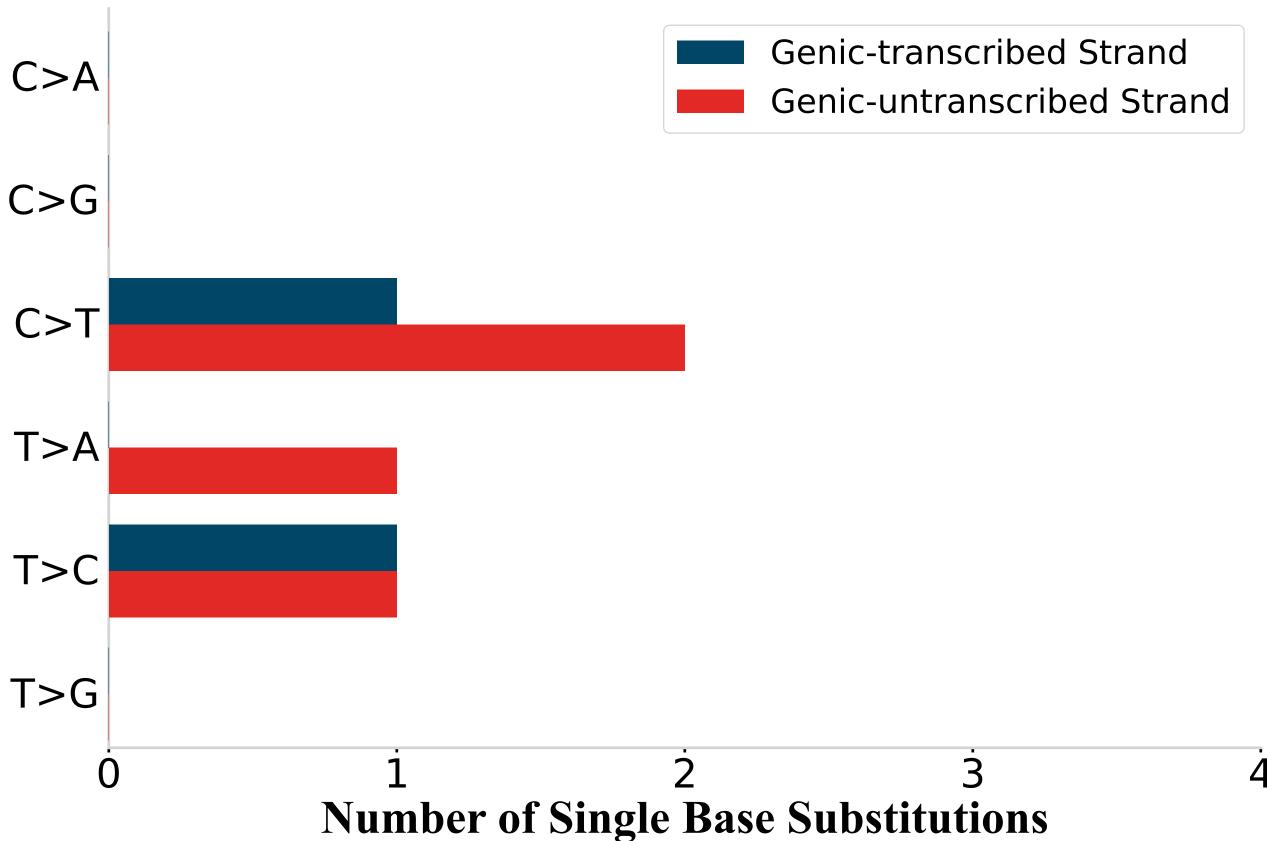
P-0015521-T01-IM6: 20 transcribed subs



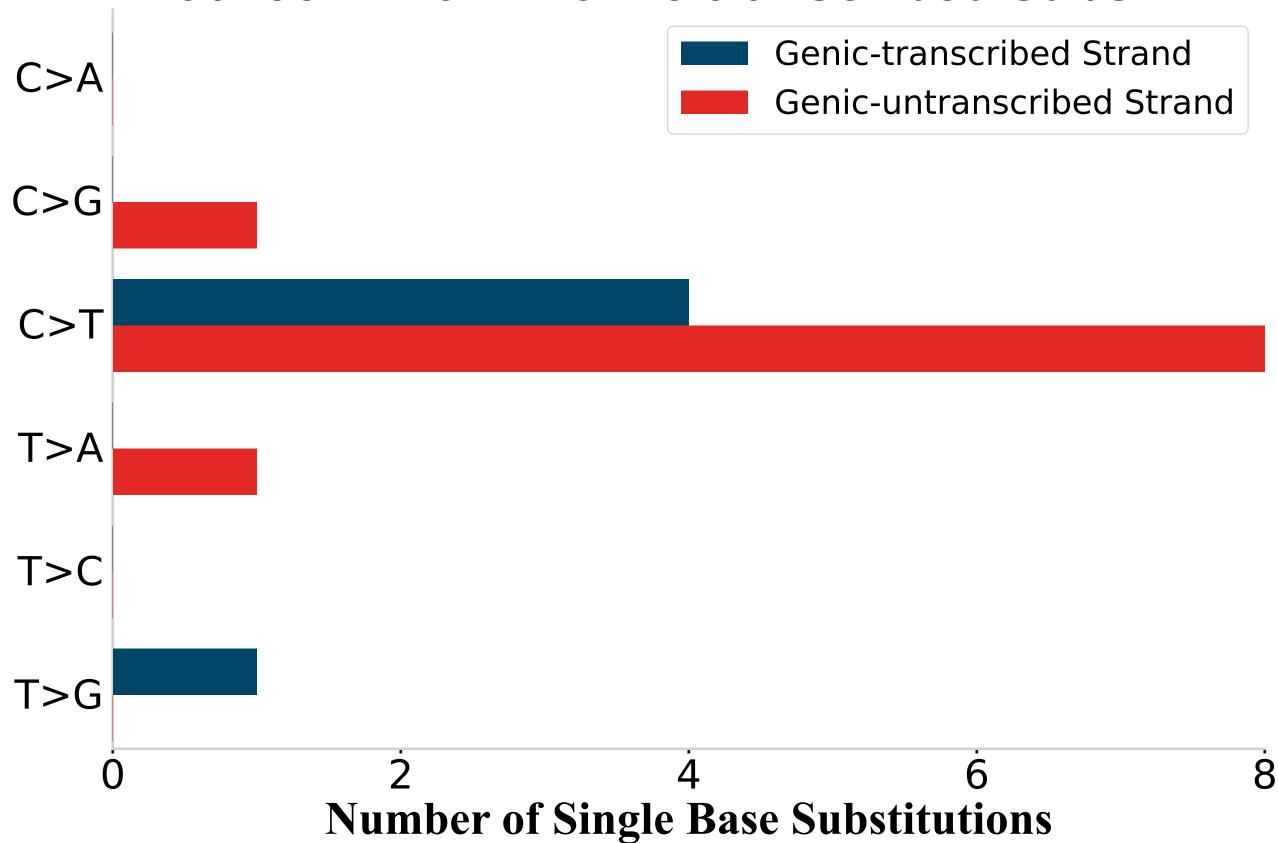
P-0015526-T01-IM6: 41 transcribed subs



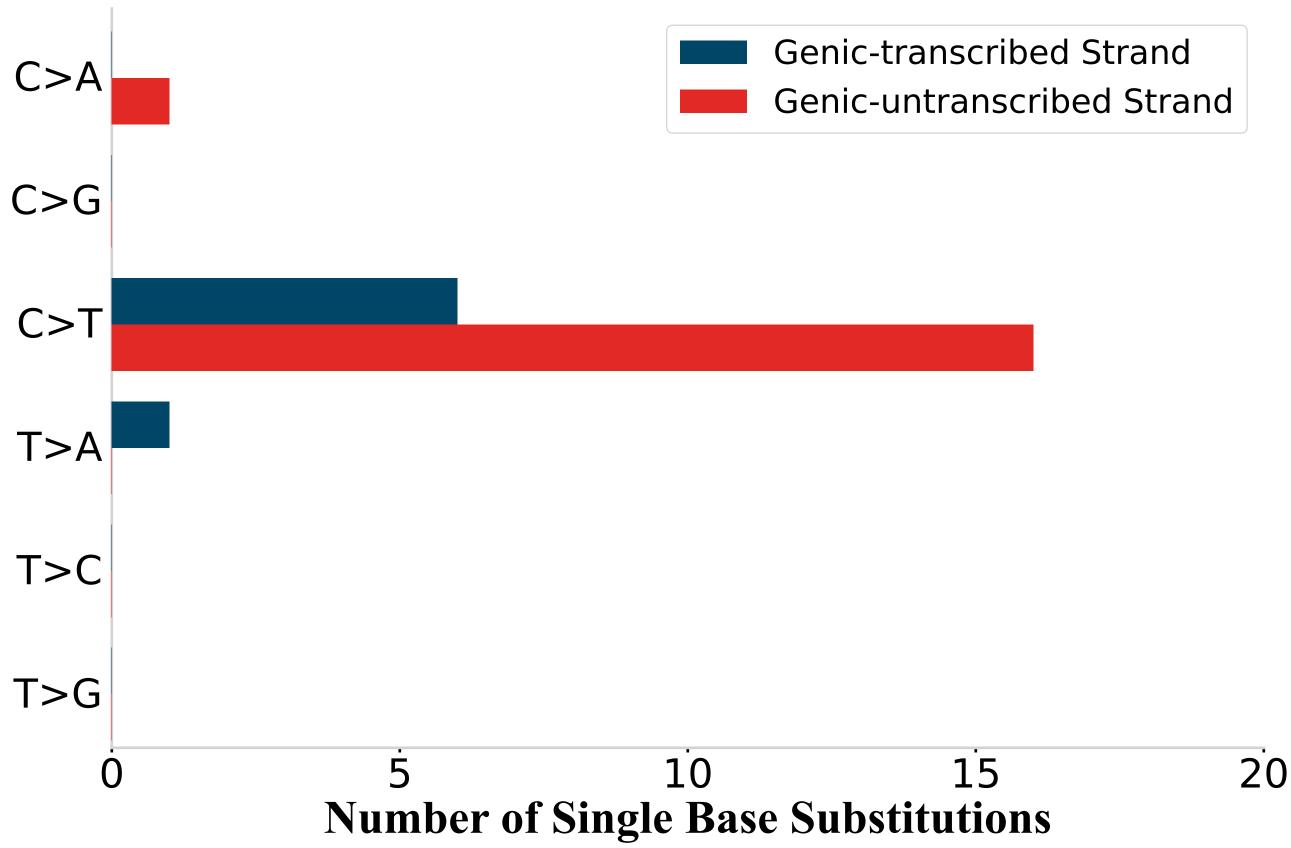
P-0015530-T01-IM6: 6 transcribed subs



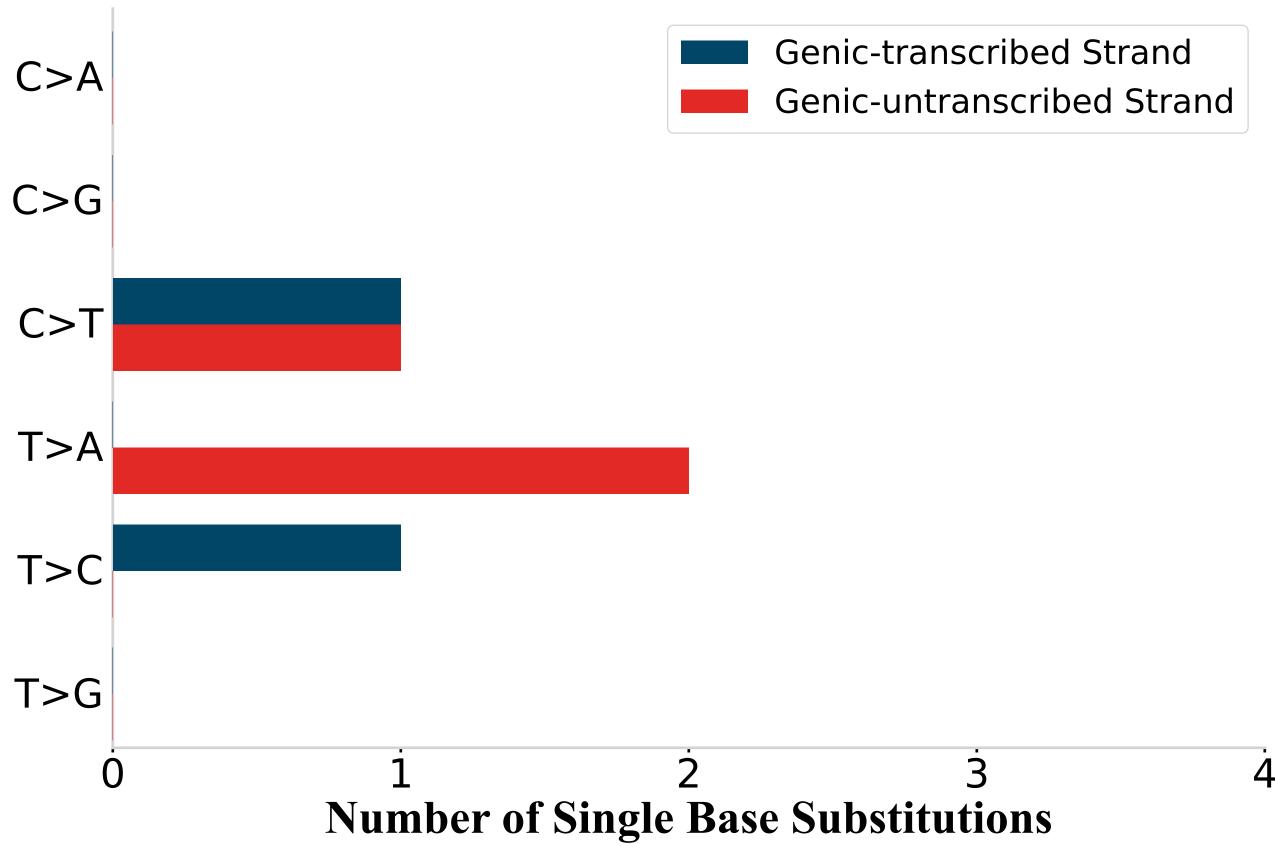
P-0015544-T01-IM6: 15 transcribed subs



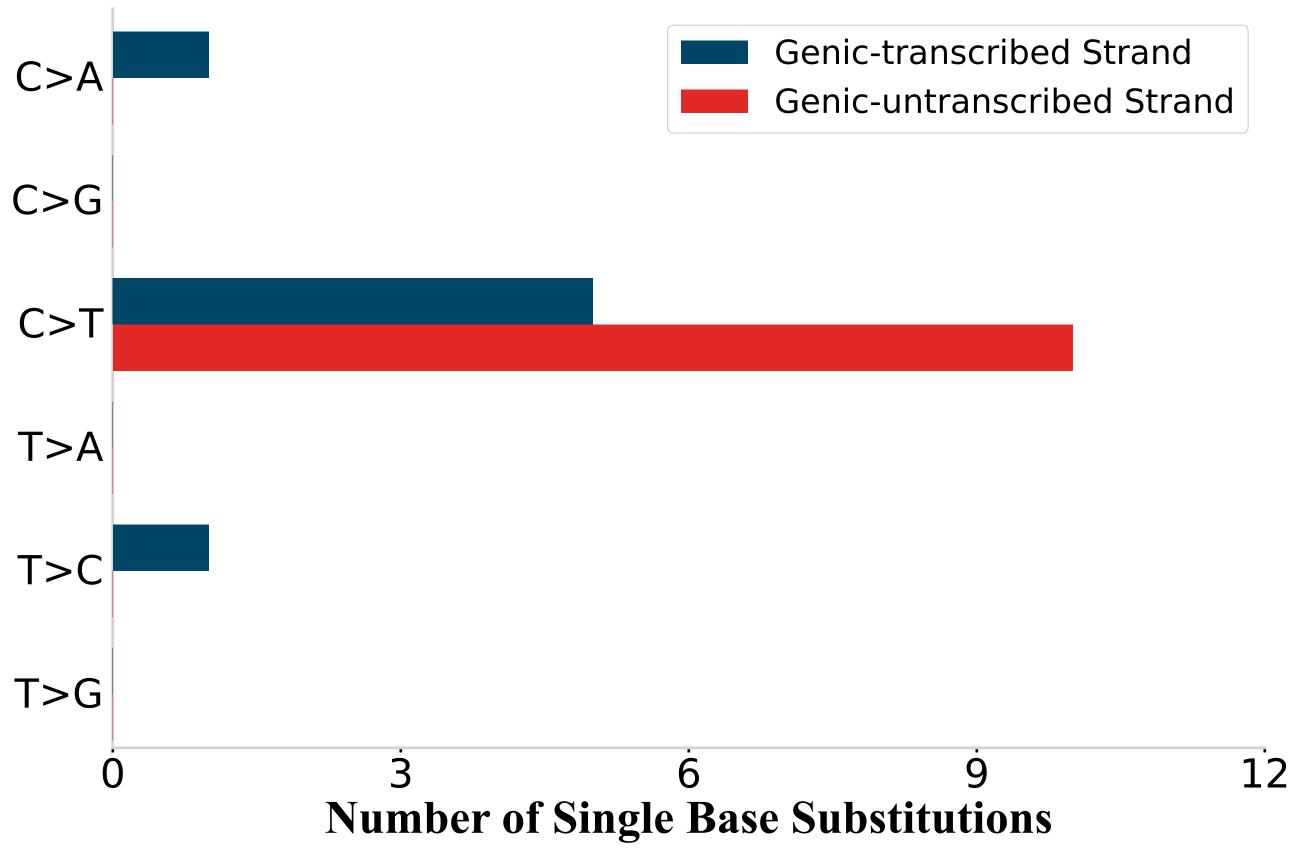
P-0015612-T01-IM6: 24 transcribed subs



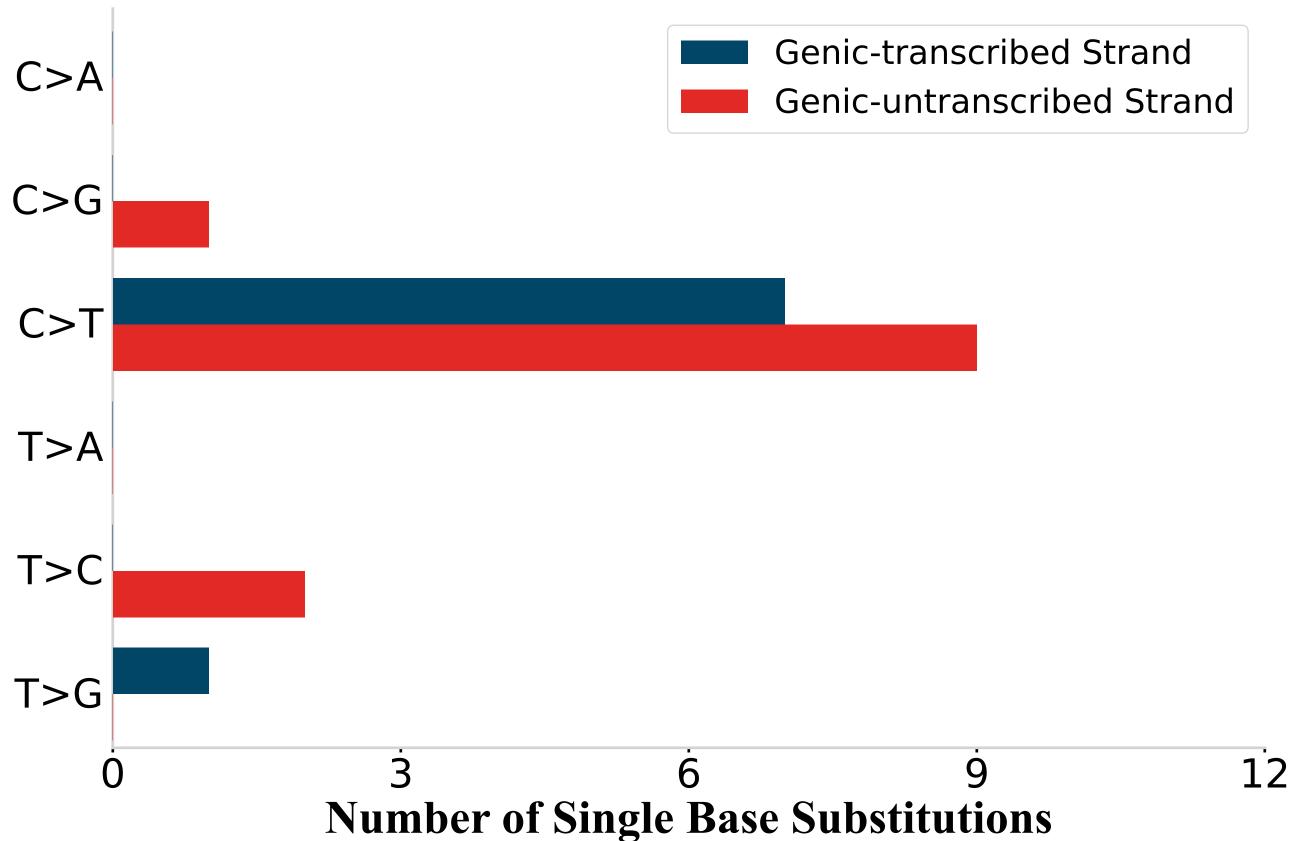
P-0015679-T01-IM6: 5 transcribed subs



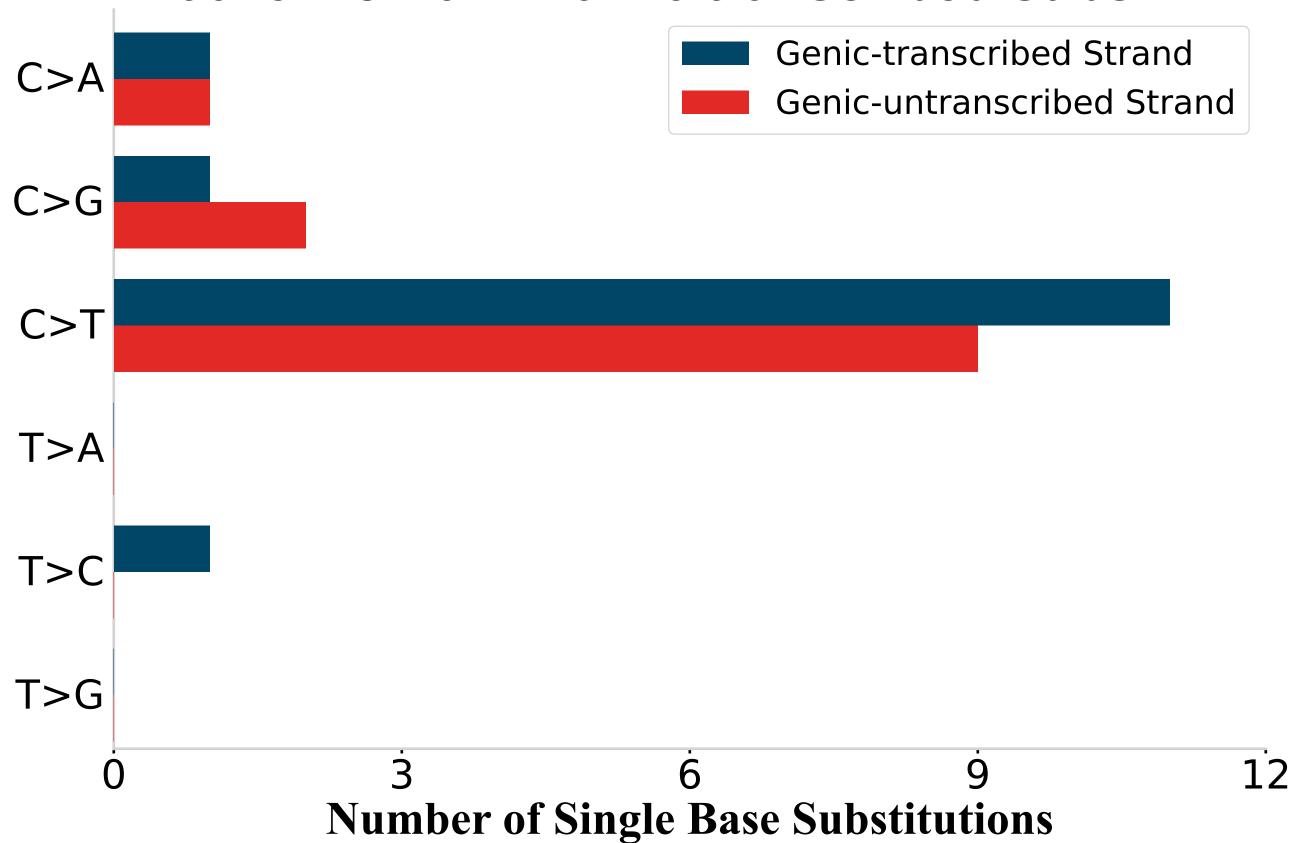
P-0015694-T01-IM6: 17 transcribed subs



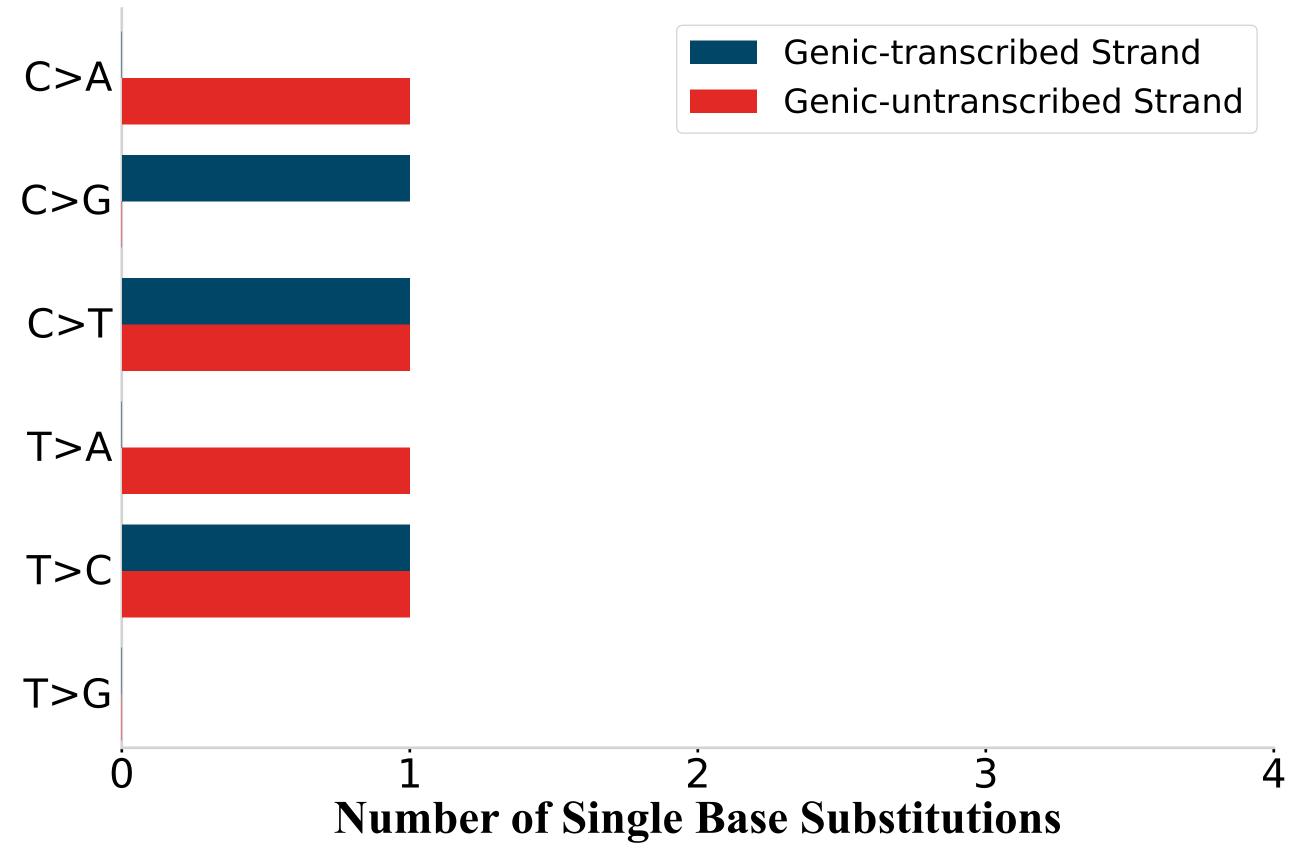
P-0015697-T01-IM6: 20 transcribed subs



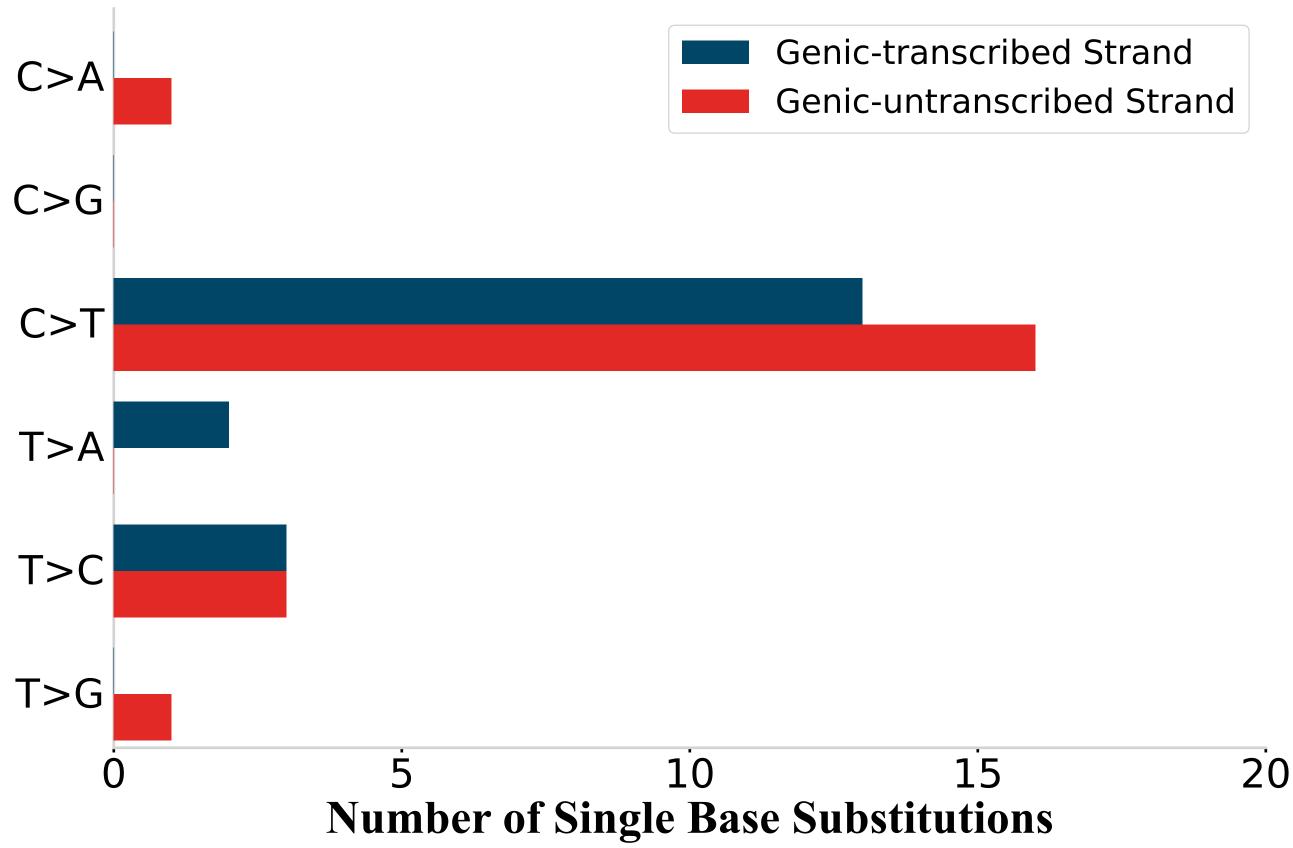
P-0015718-T01-IM6: 26 transcribed subs



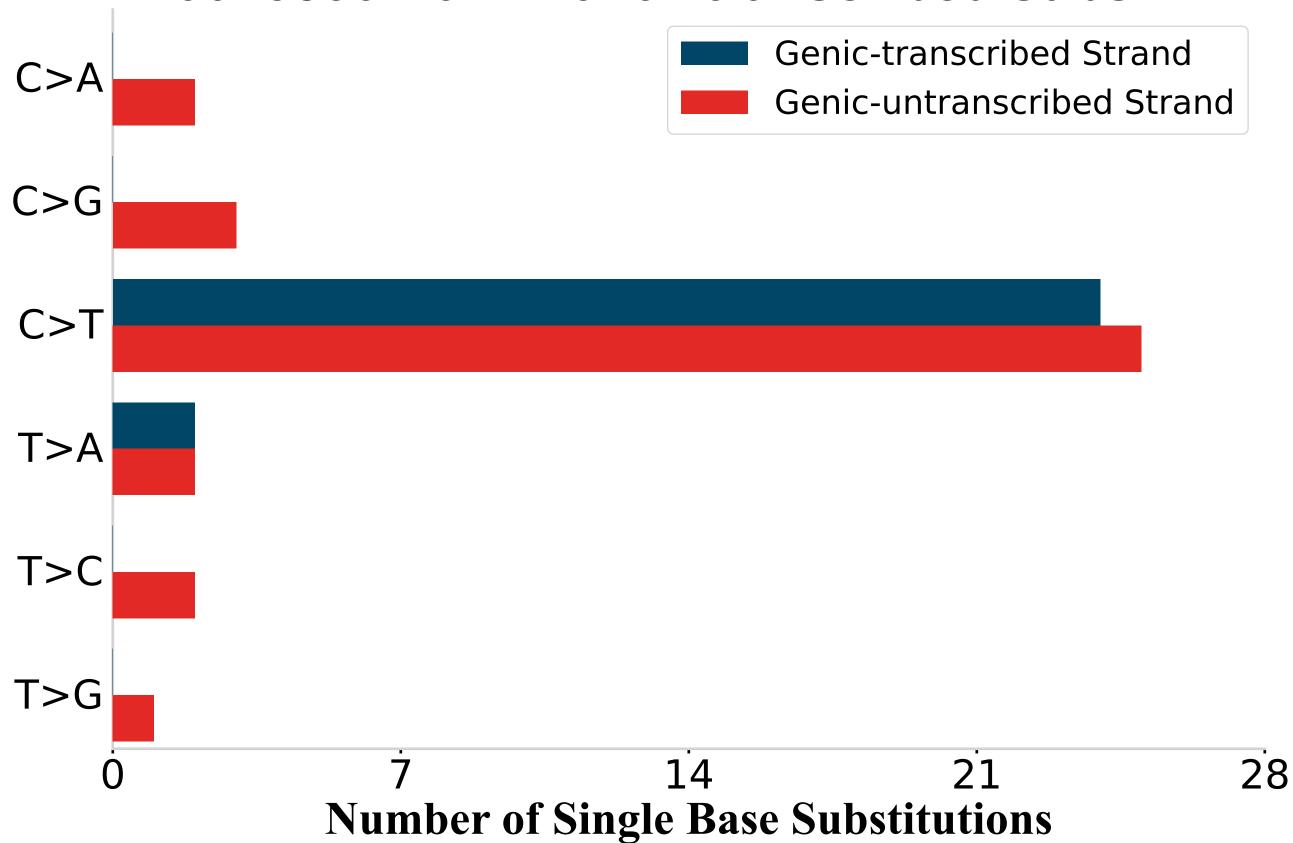
P-0015791-T01-IM6: 7 transcribed subs



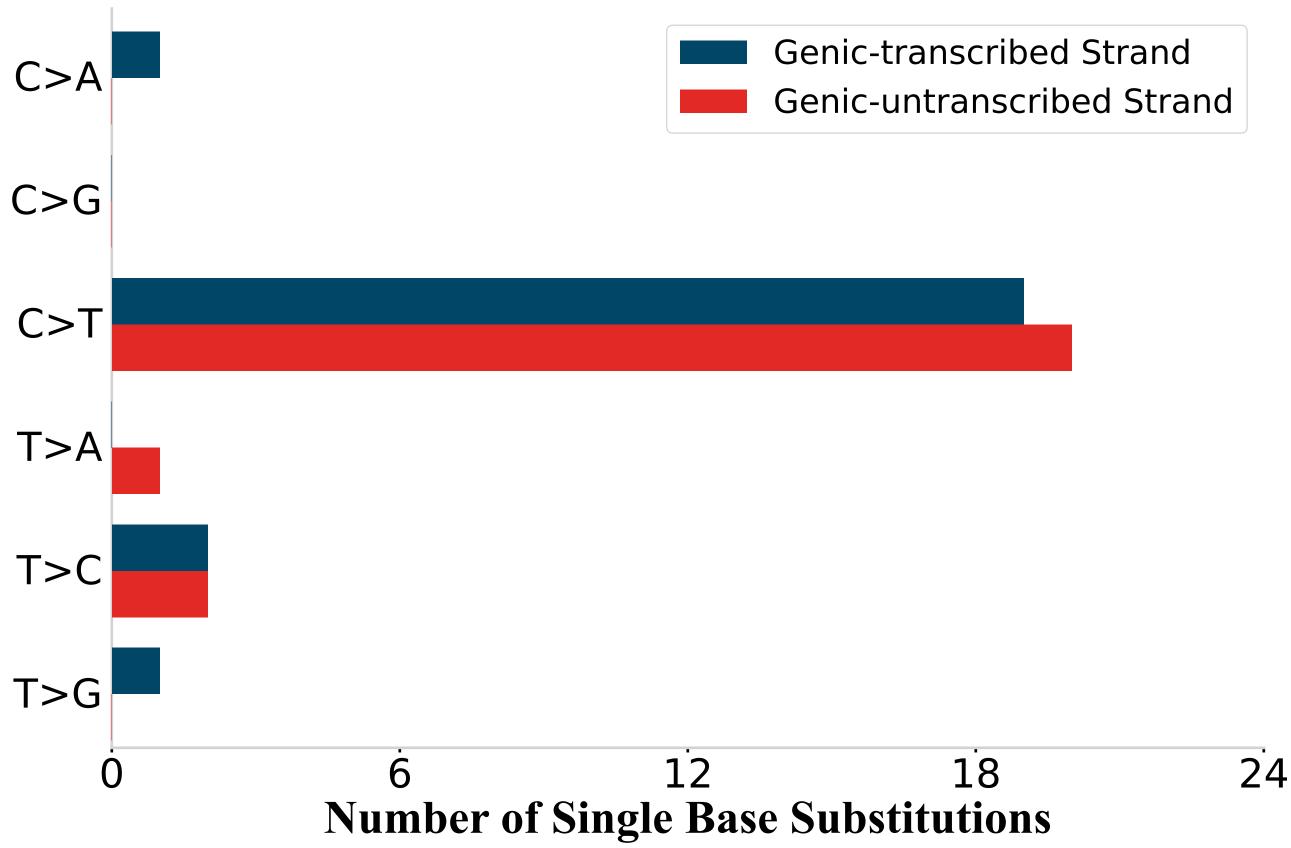
P-0015827-T01-IM6: 39 transcribed subs



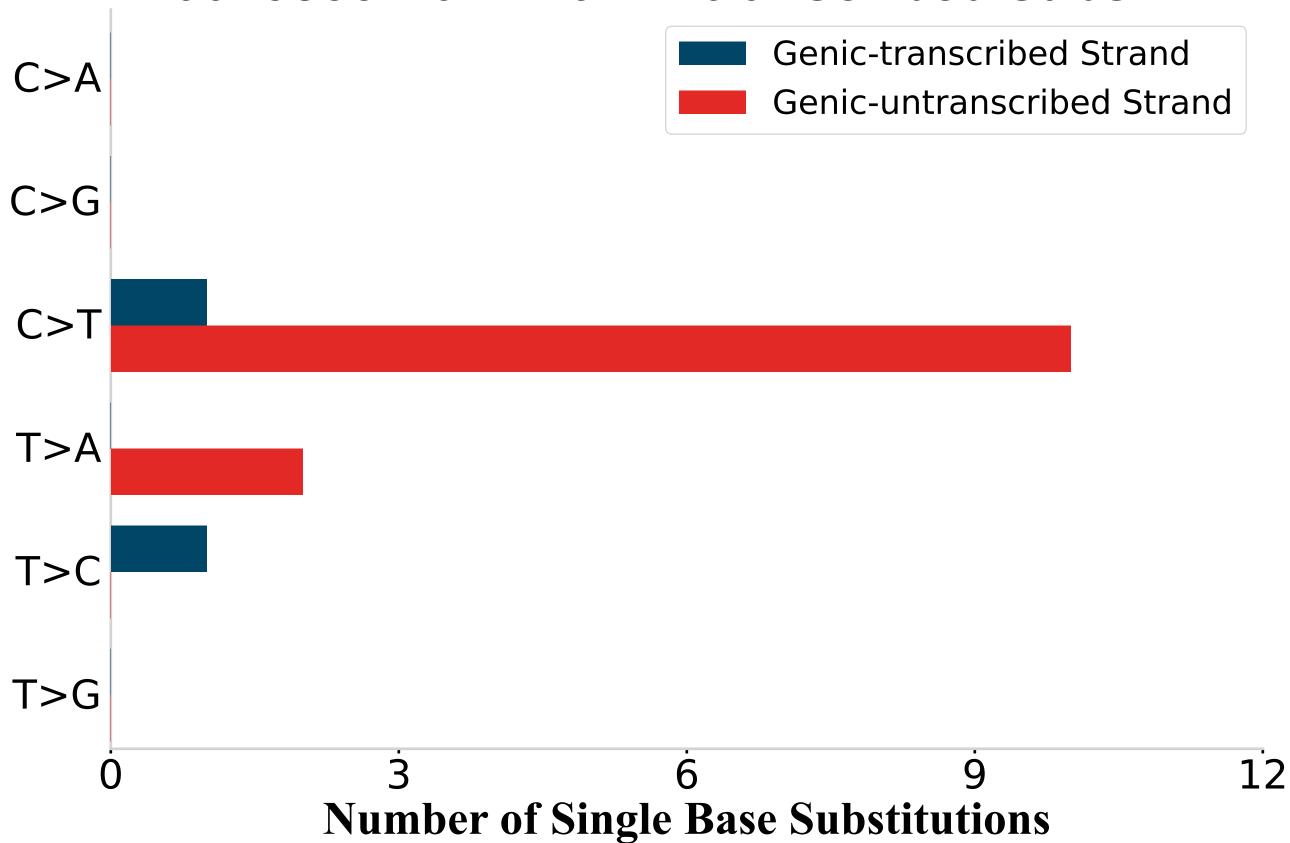
P-0015830-T01-IM6: 61 transcribed subs



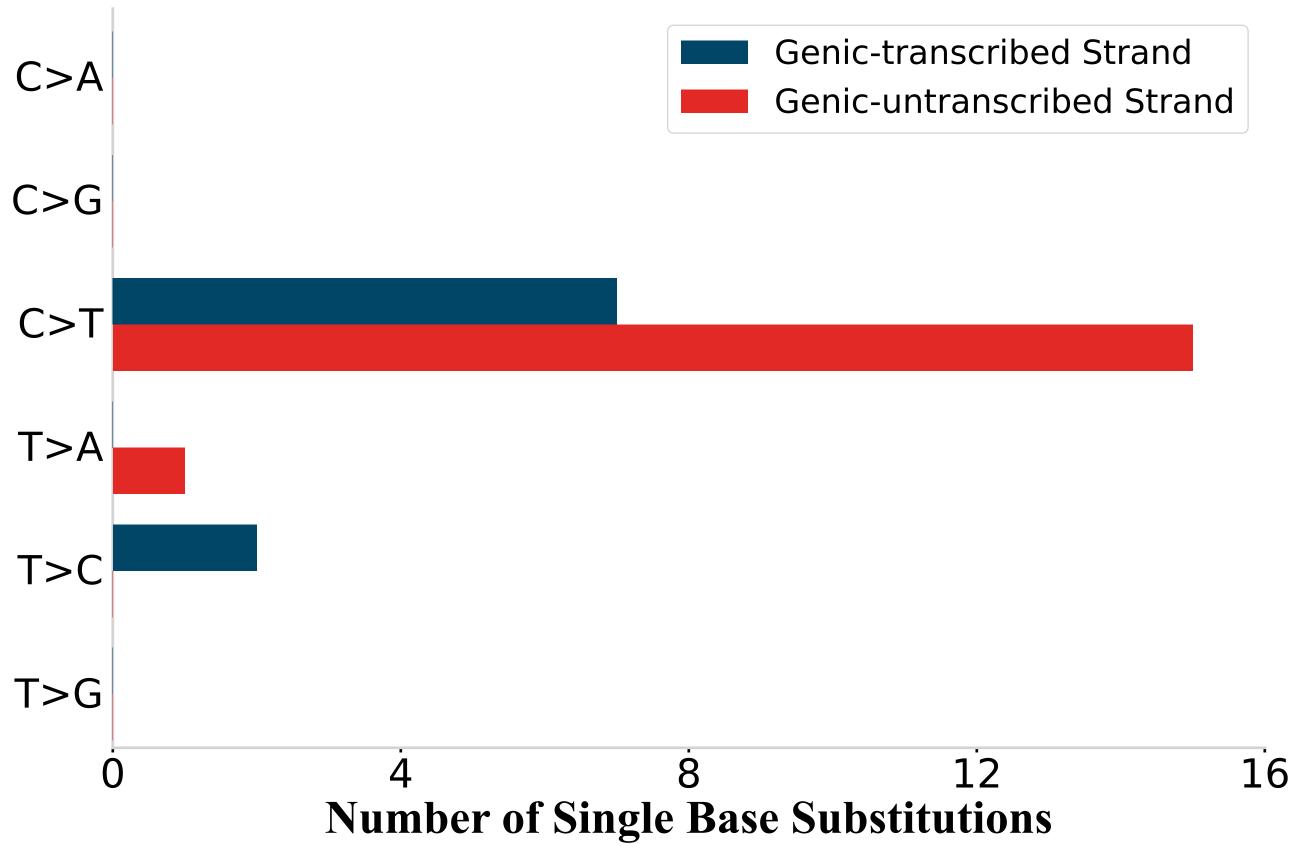
P-0015832-T01-IM6: 46 transcribed subs



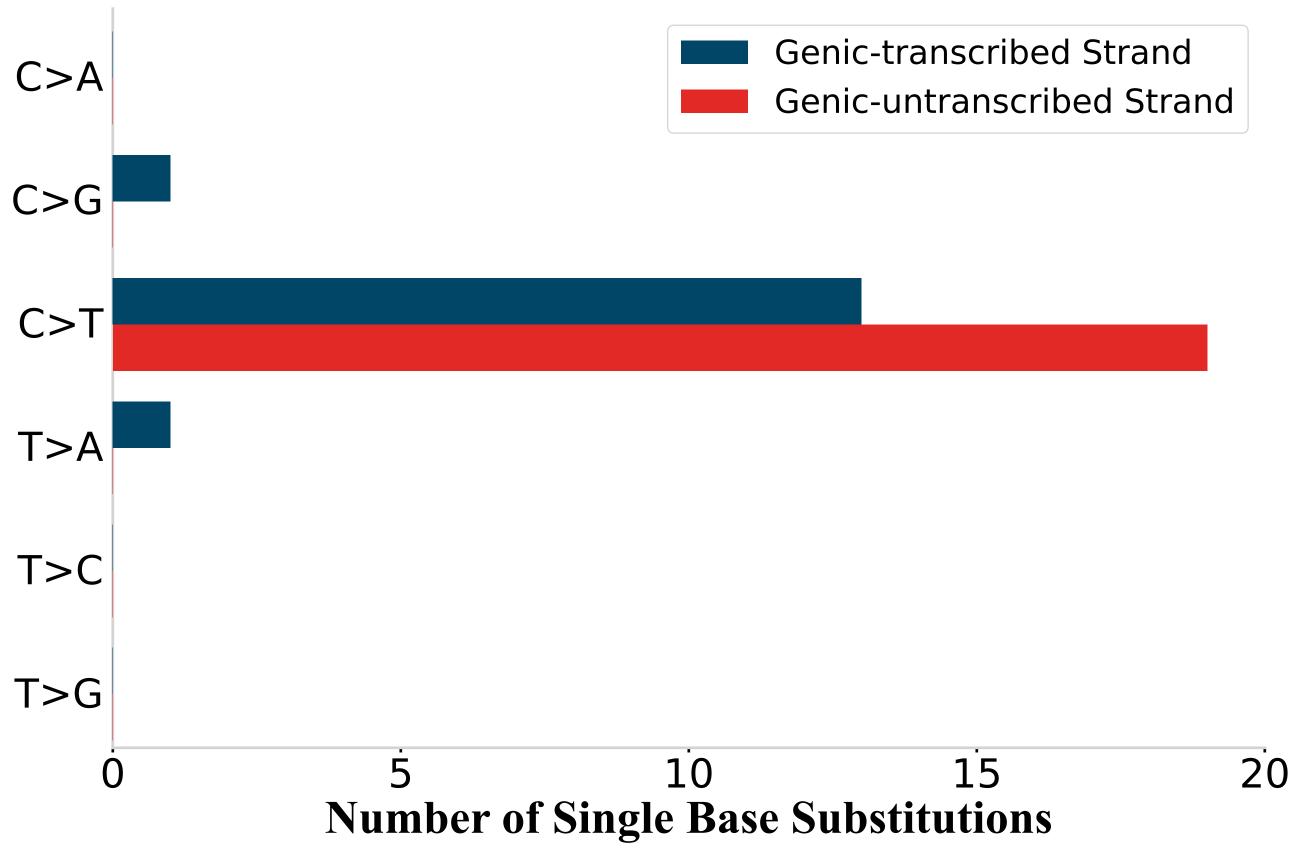
P-0015855-T02-IM6: 14 transcribed subs



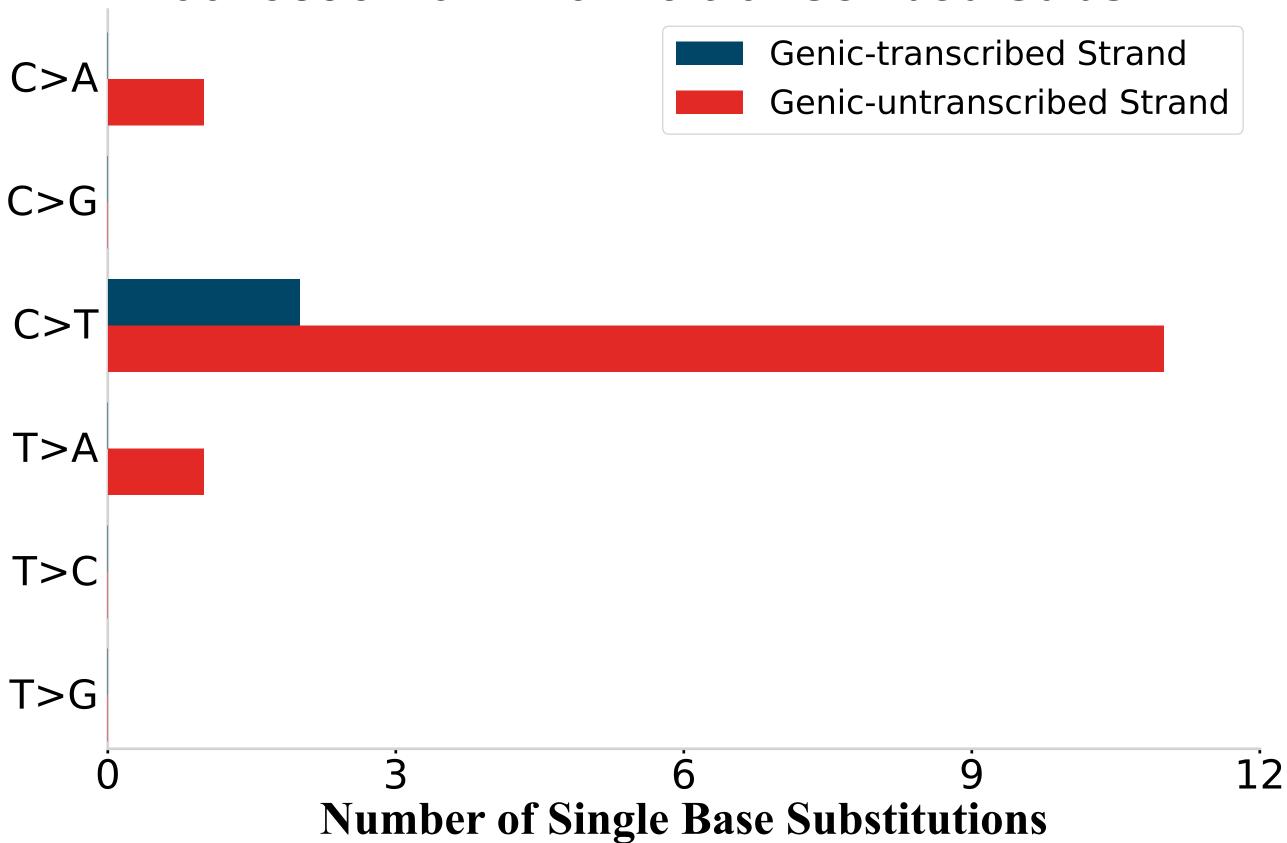
P-0015881-T03-IM6: 25 transcribed subs



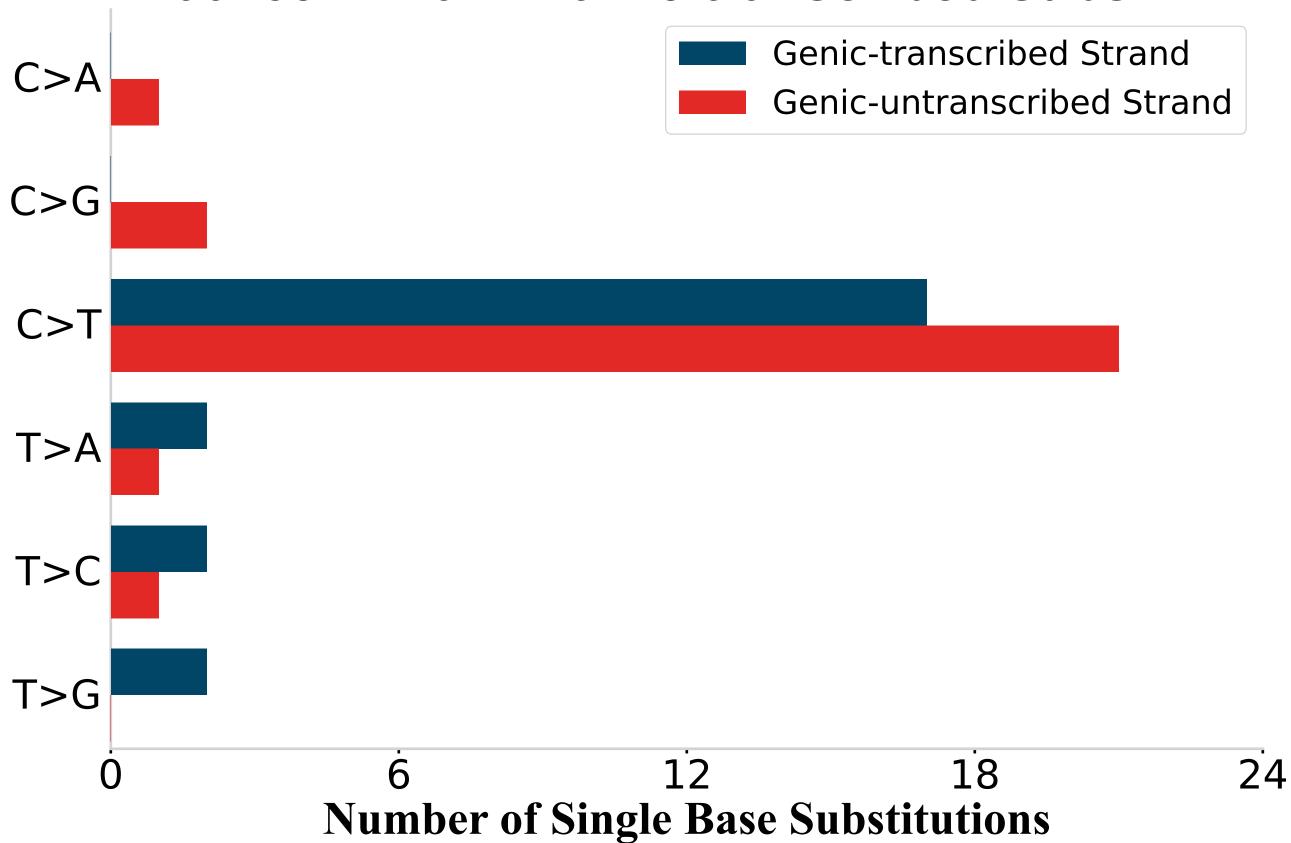
P-0015882-T01-IM6: 34 transcribed subs



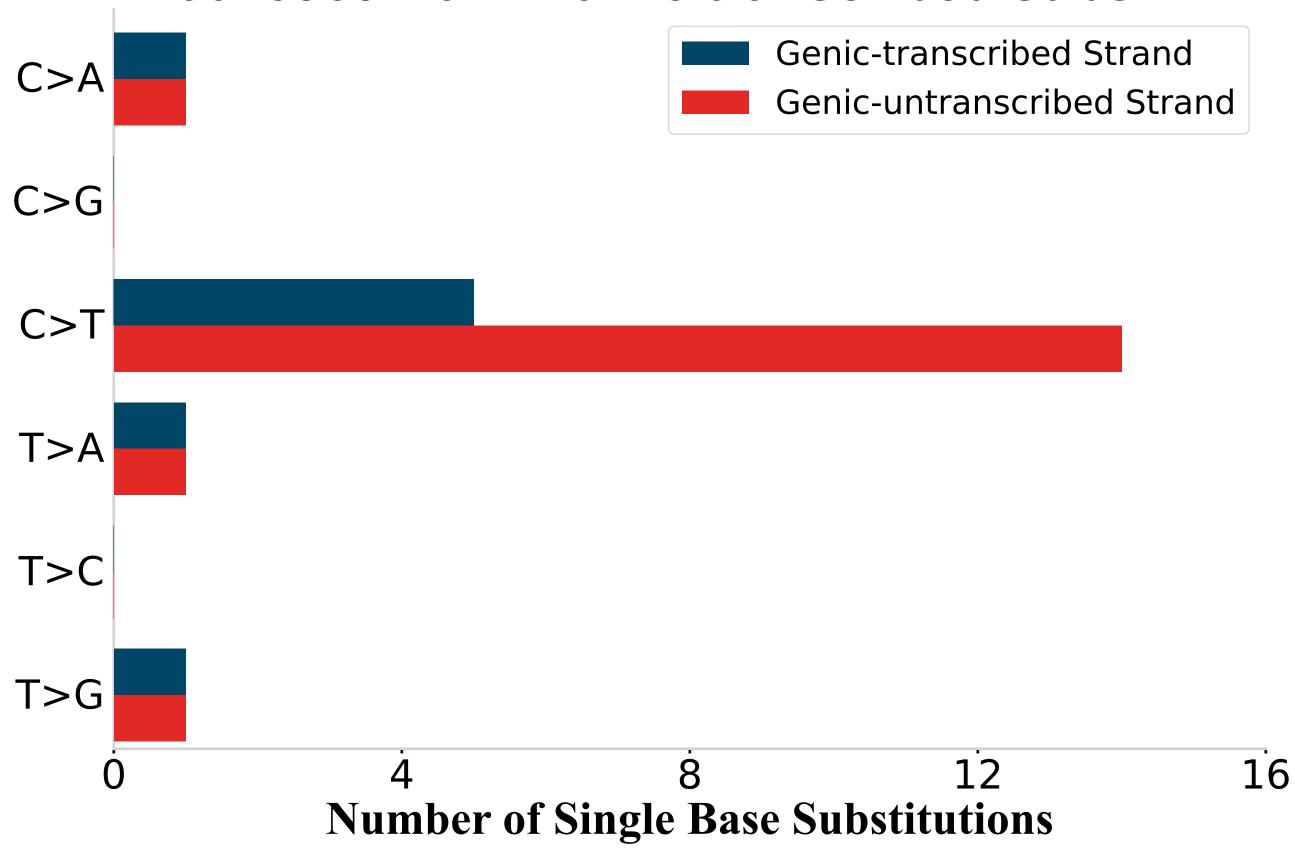
P-0015895-T02-IM6: 15 transcribed subs



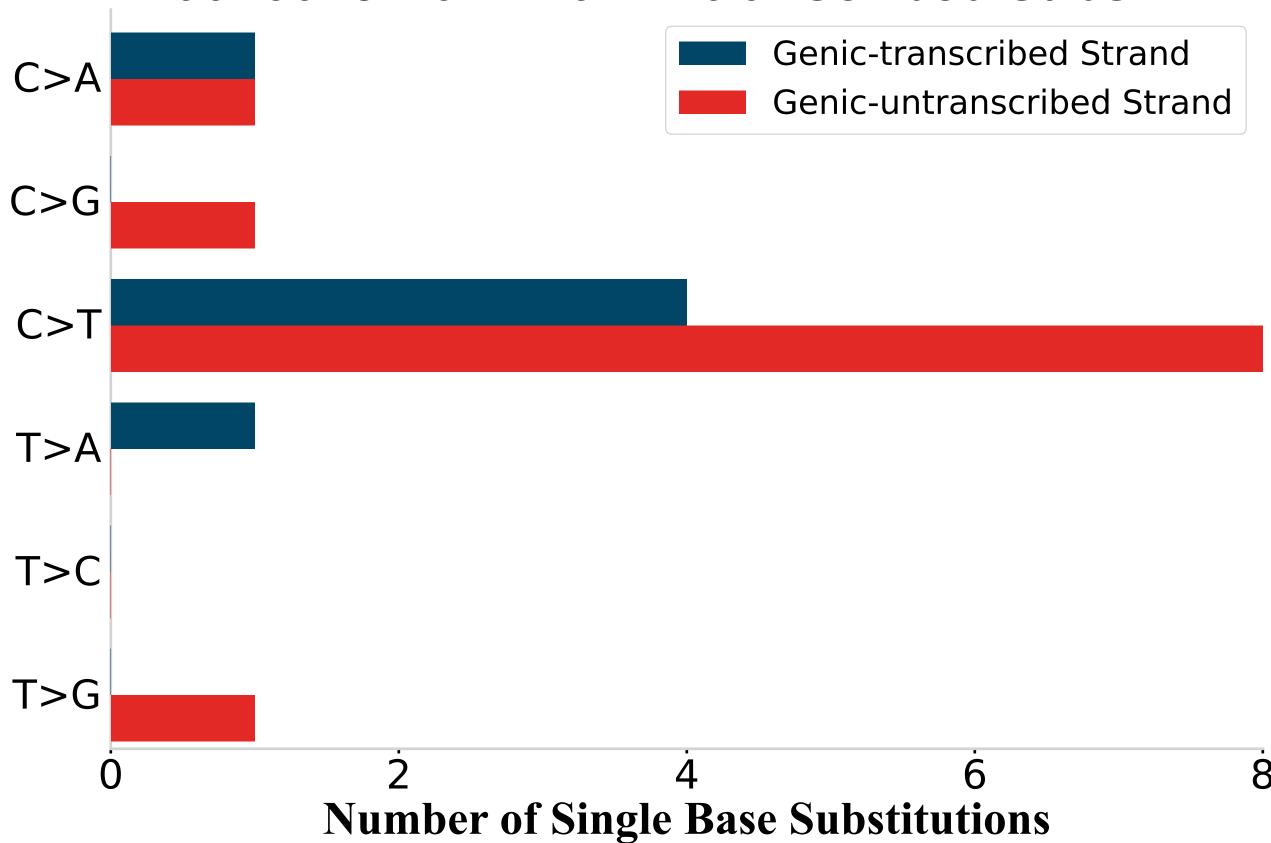
P-0015917-T01-IM6: 49 transcribed subs



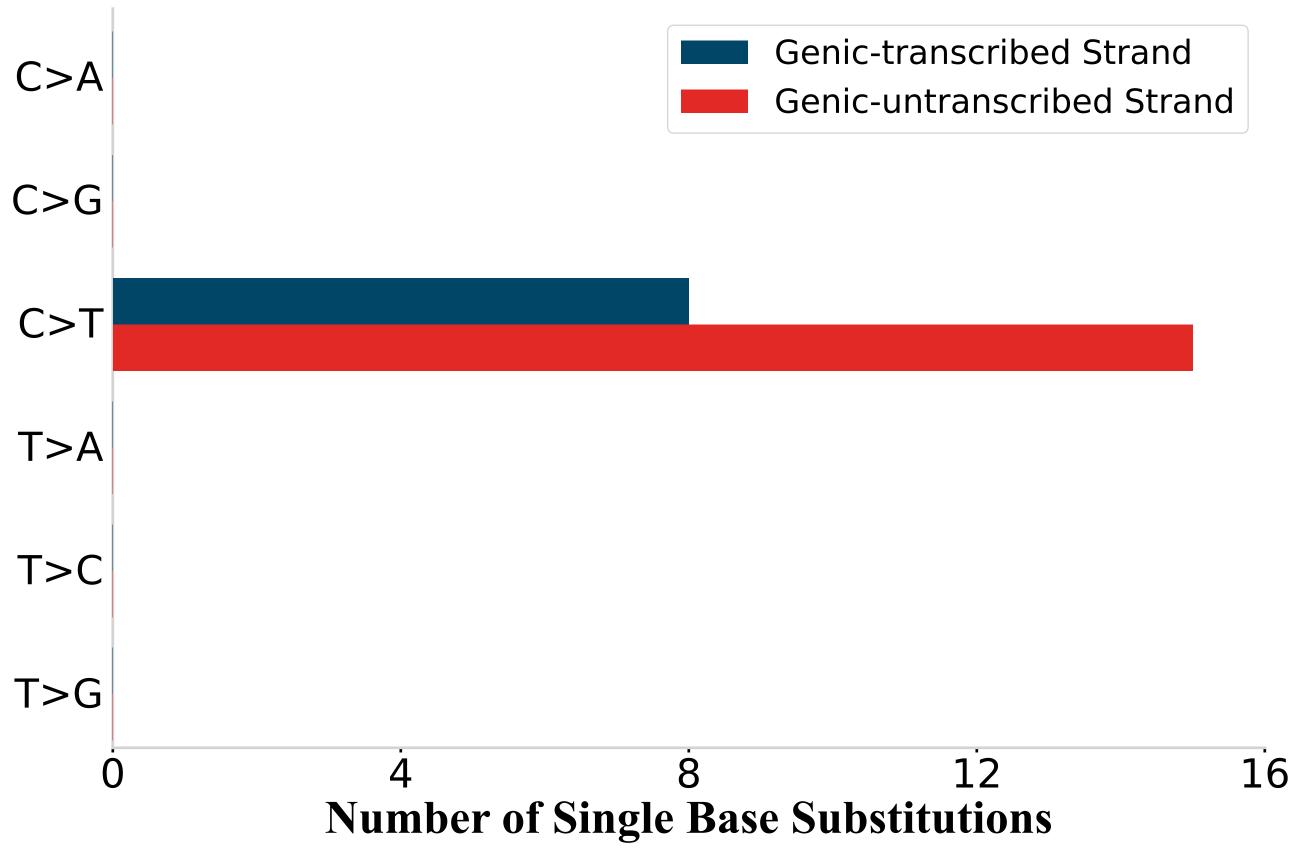
P-0015959-T01-IM6: 25 transcribed subs



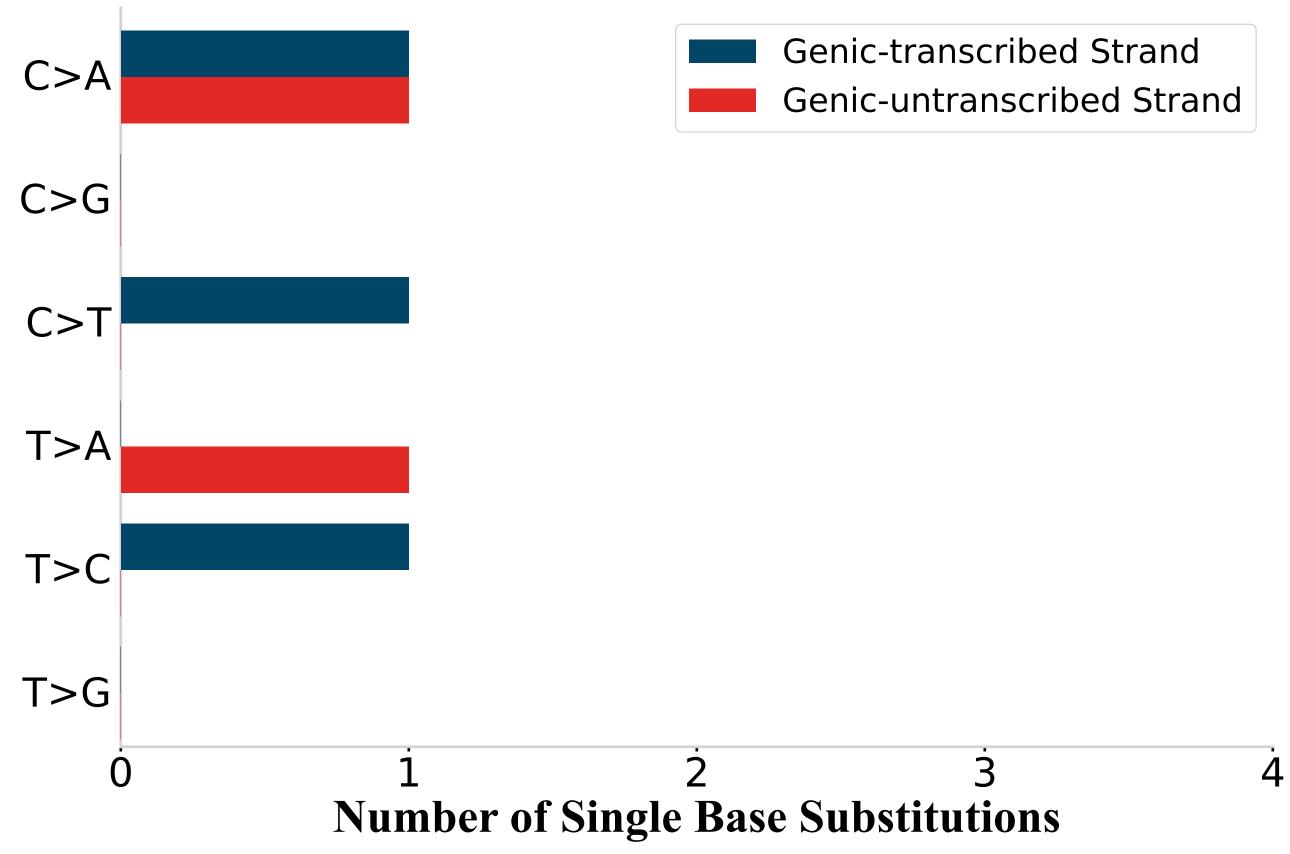
P-0016018-T01-IM6: 17 transcribed subs



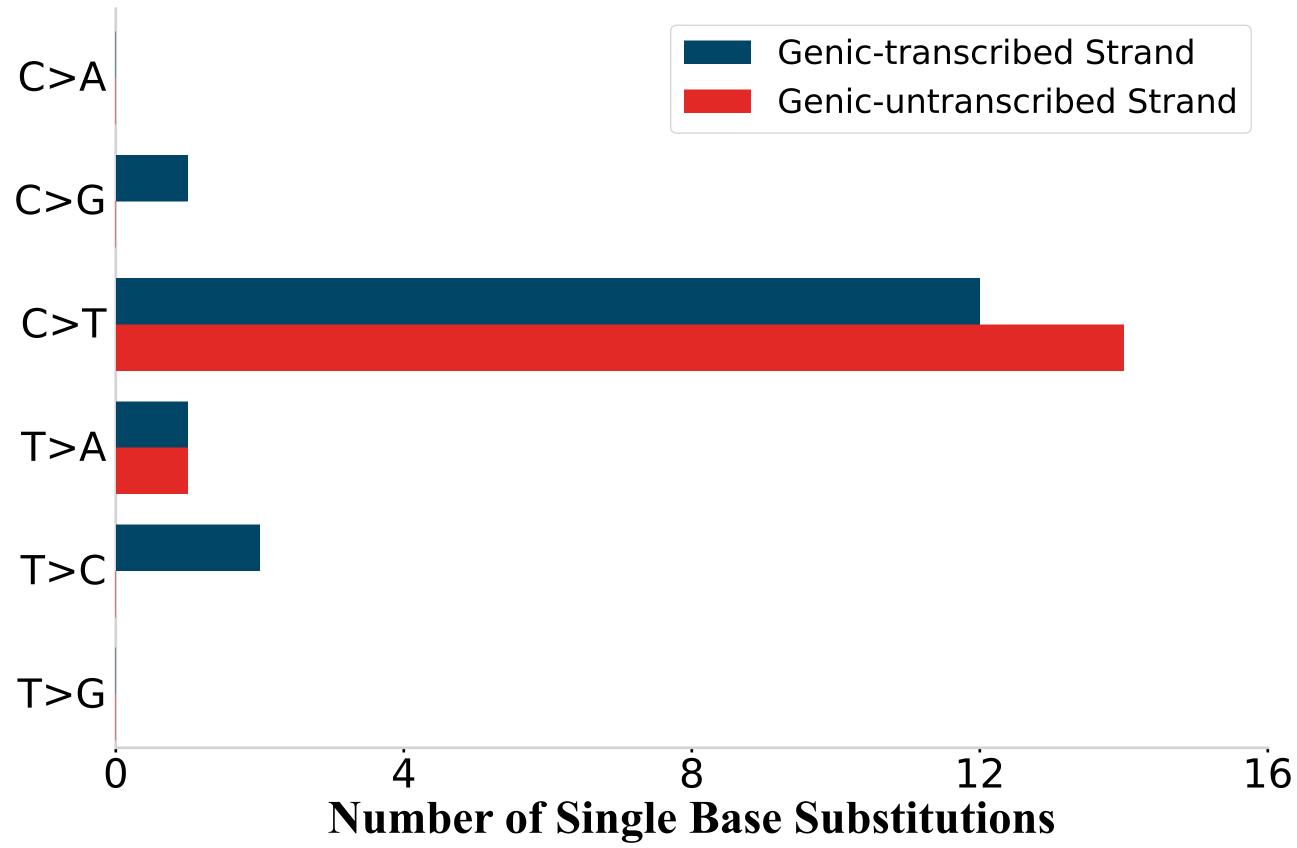
P-0016027-T01-IM6: 23 transcribed subs



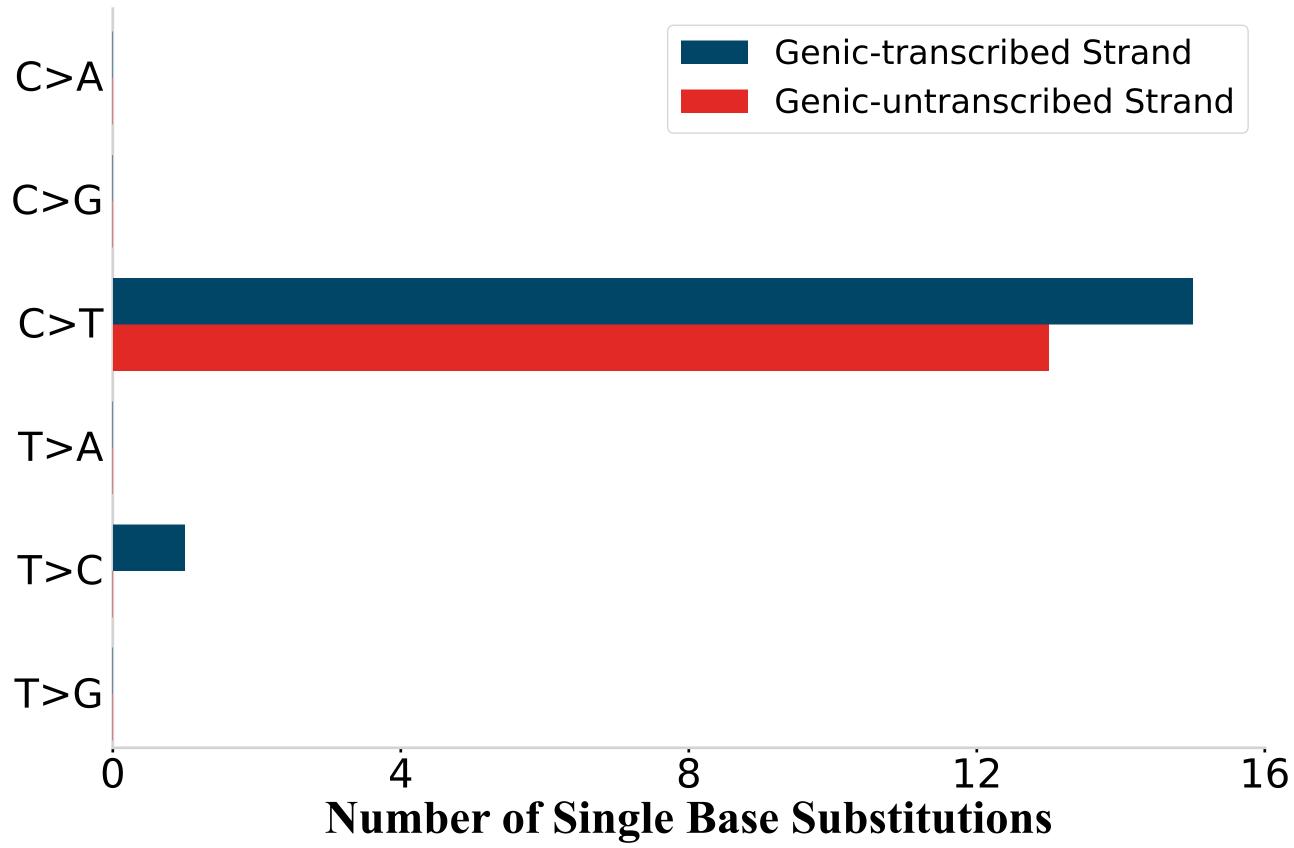
P-0016177-T01-IM6: 5 transcribed subs



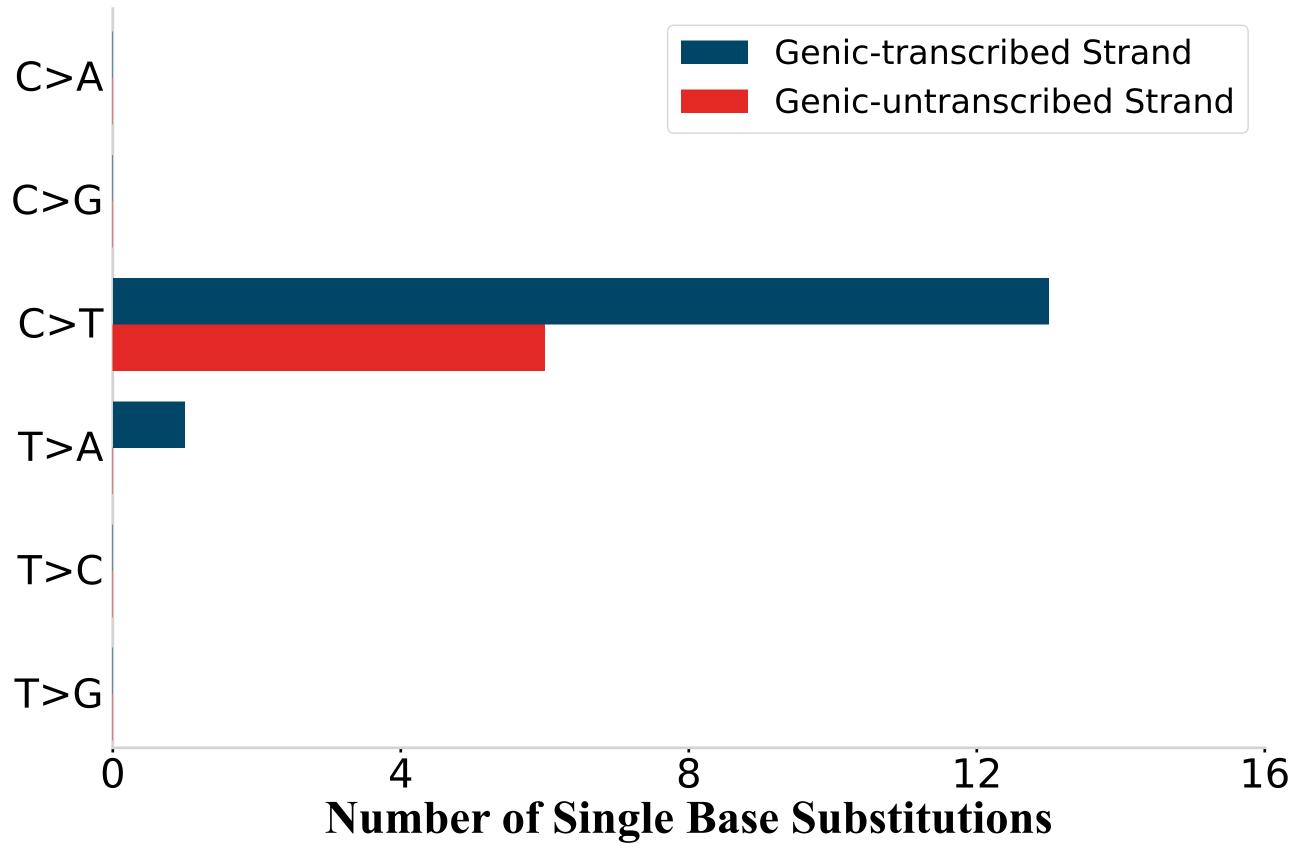
P-0016197-T01-IM6: 31 transcribed subs



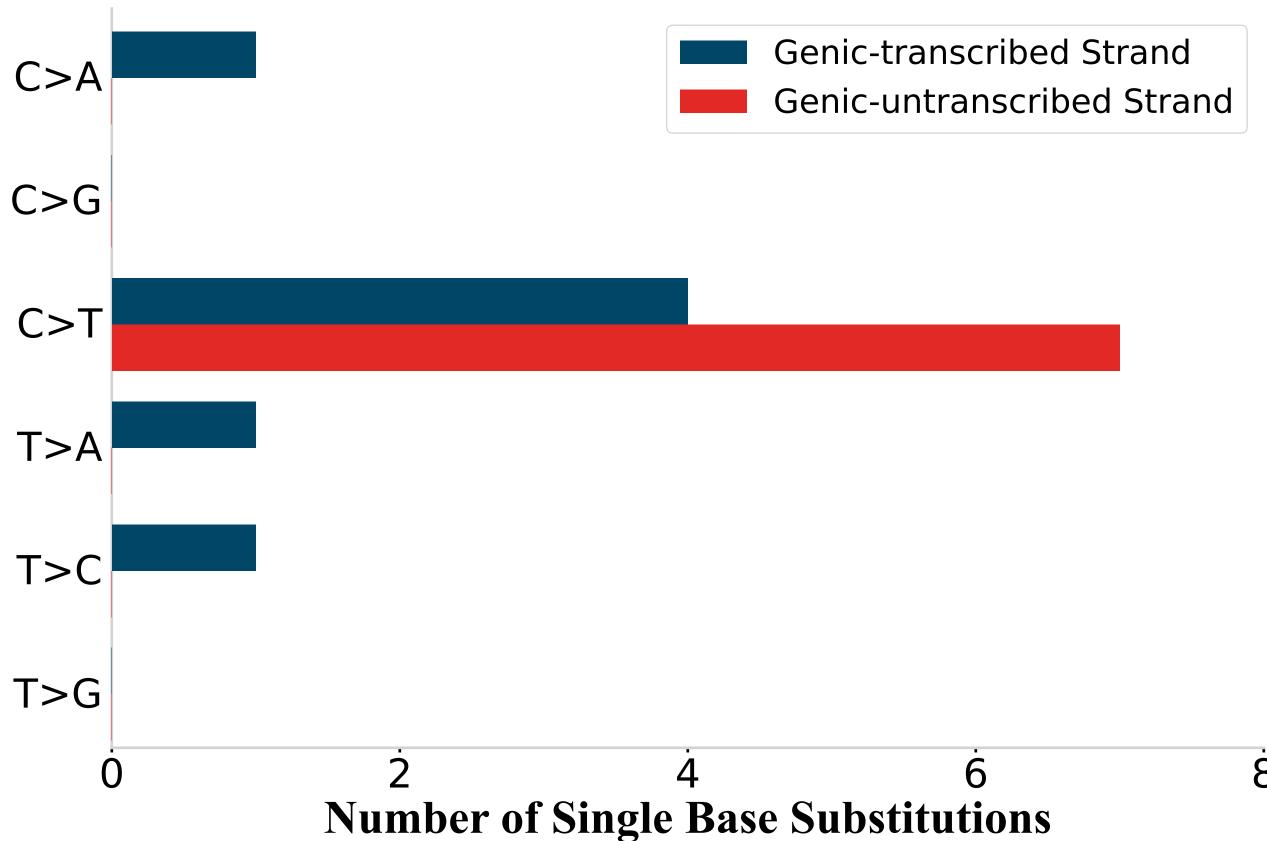
P-0016282-T01-IM6: 29 transcribed subs



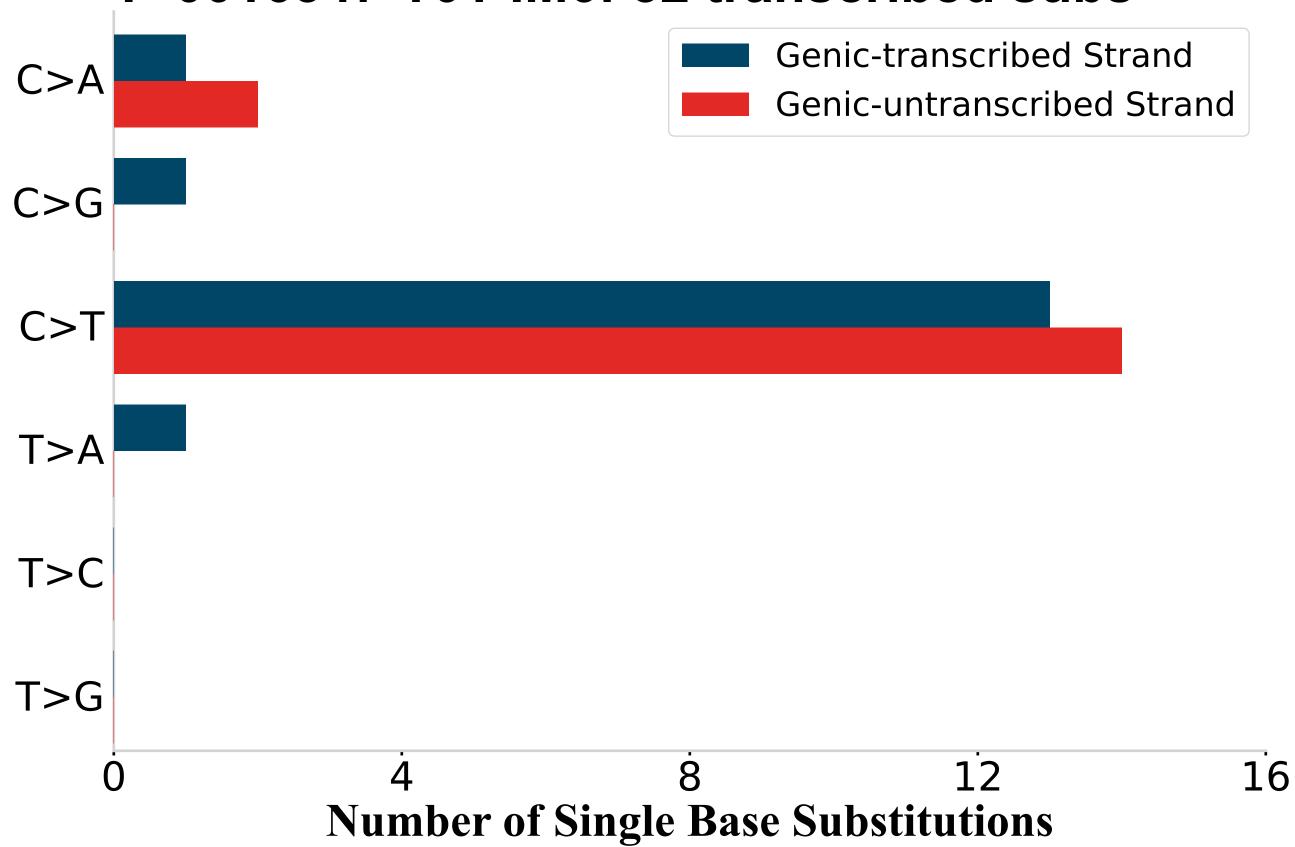
P-0016327-T01-IM6: 20 transcribed subs



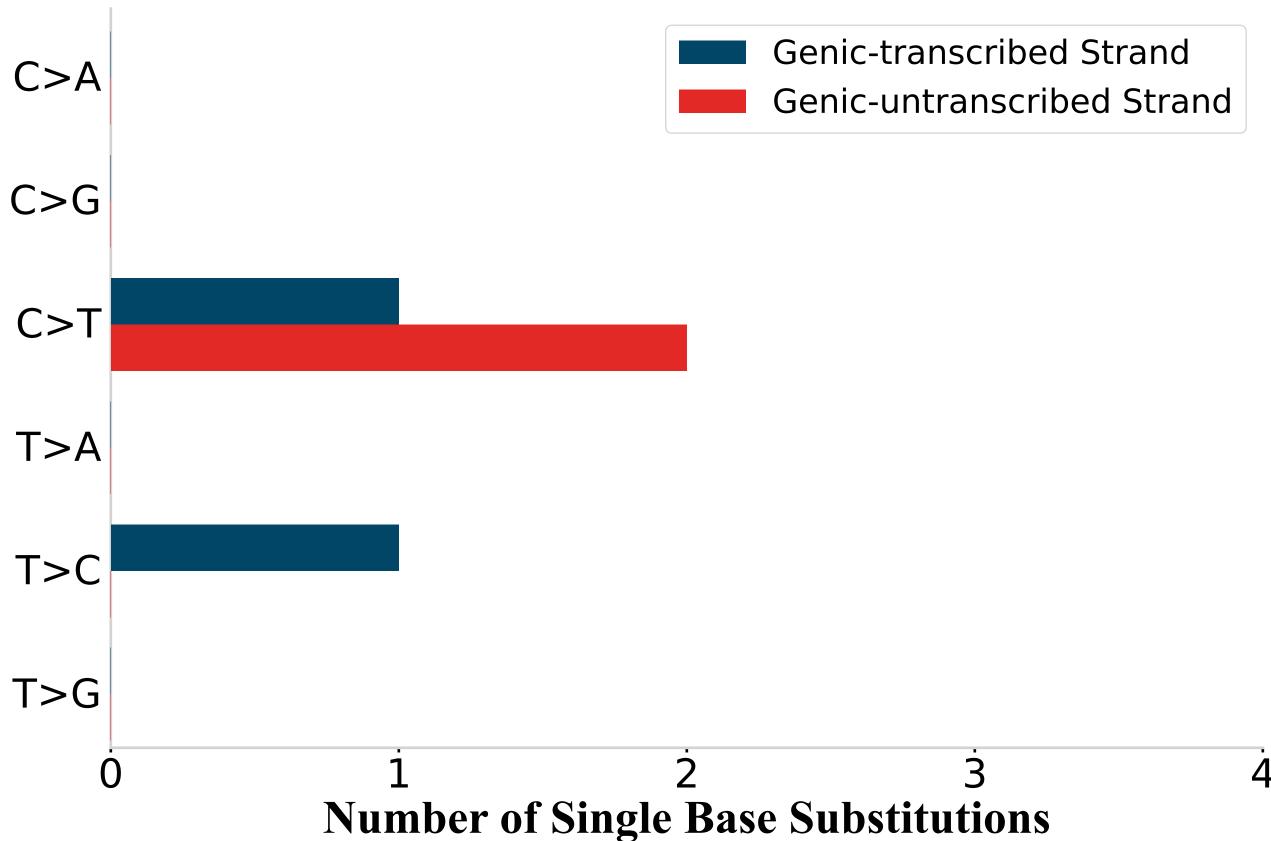
P-0016328-T01-IM6: 14 transcribed subs



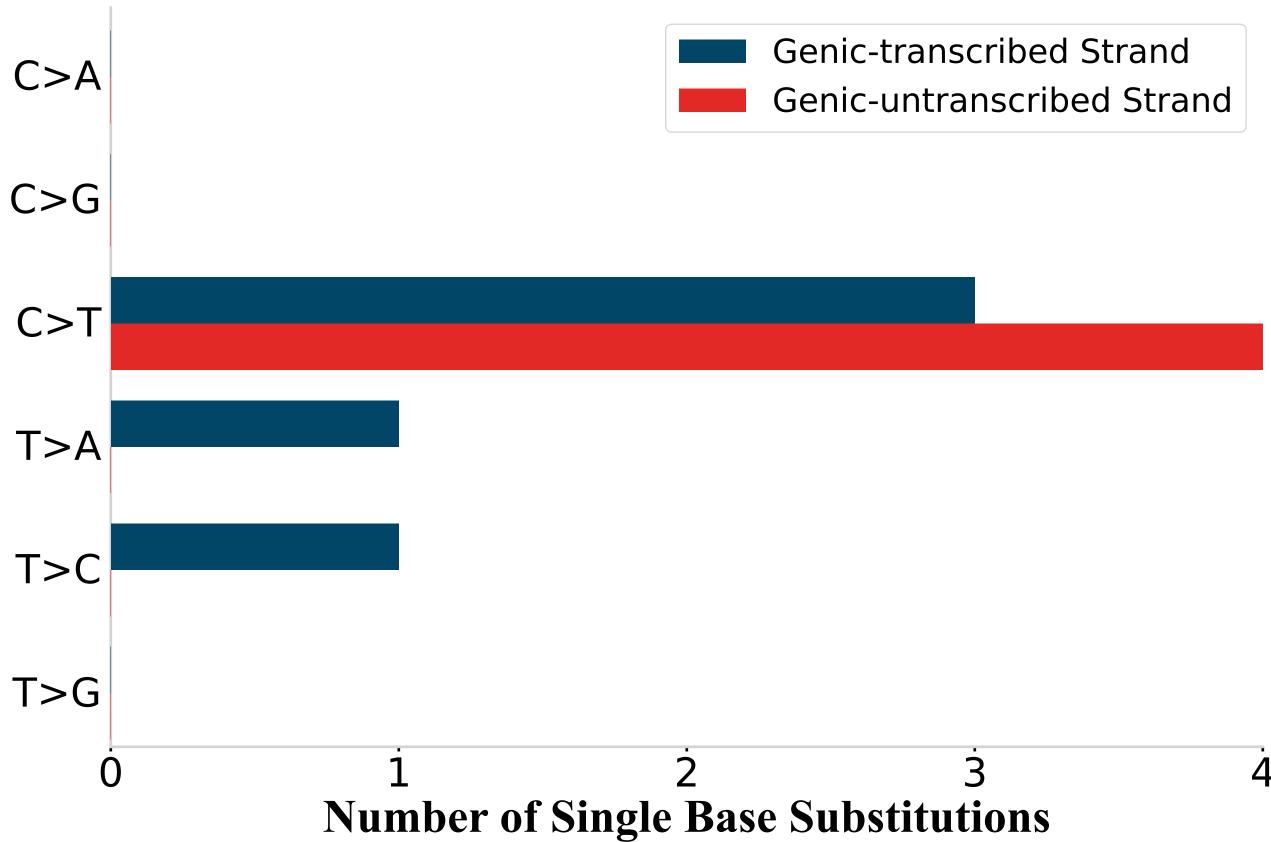
P-0016347-T01-IM6: 32 transcribed subs



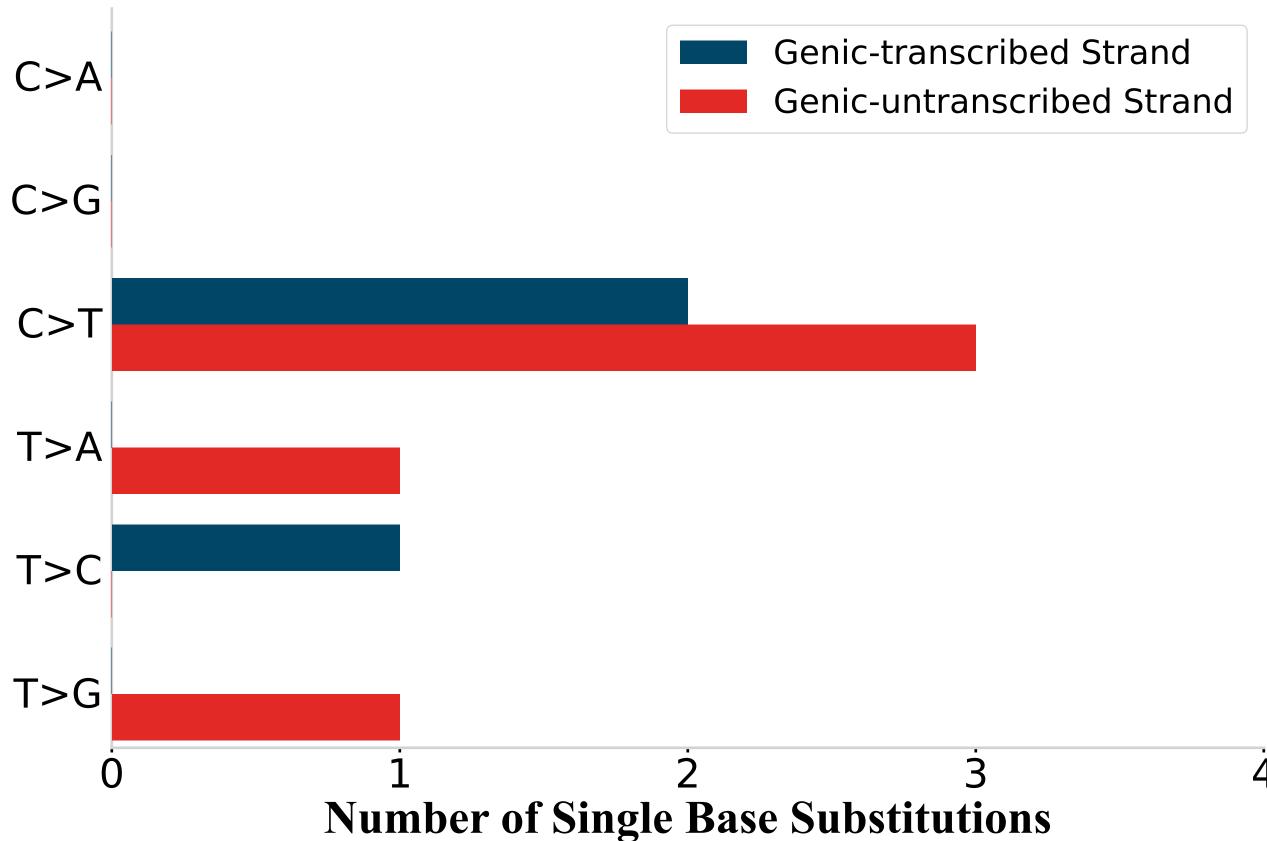
P-0016506-T01-IM6: 4 transcribed subs



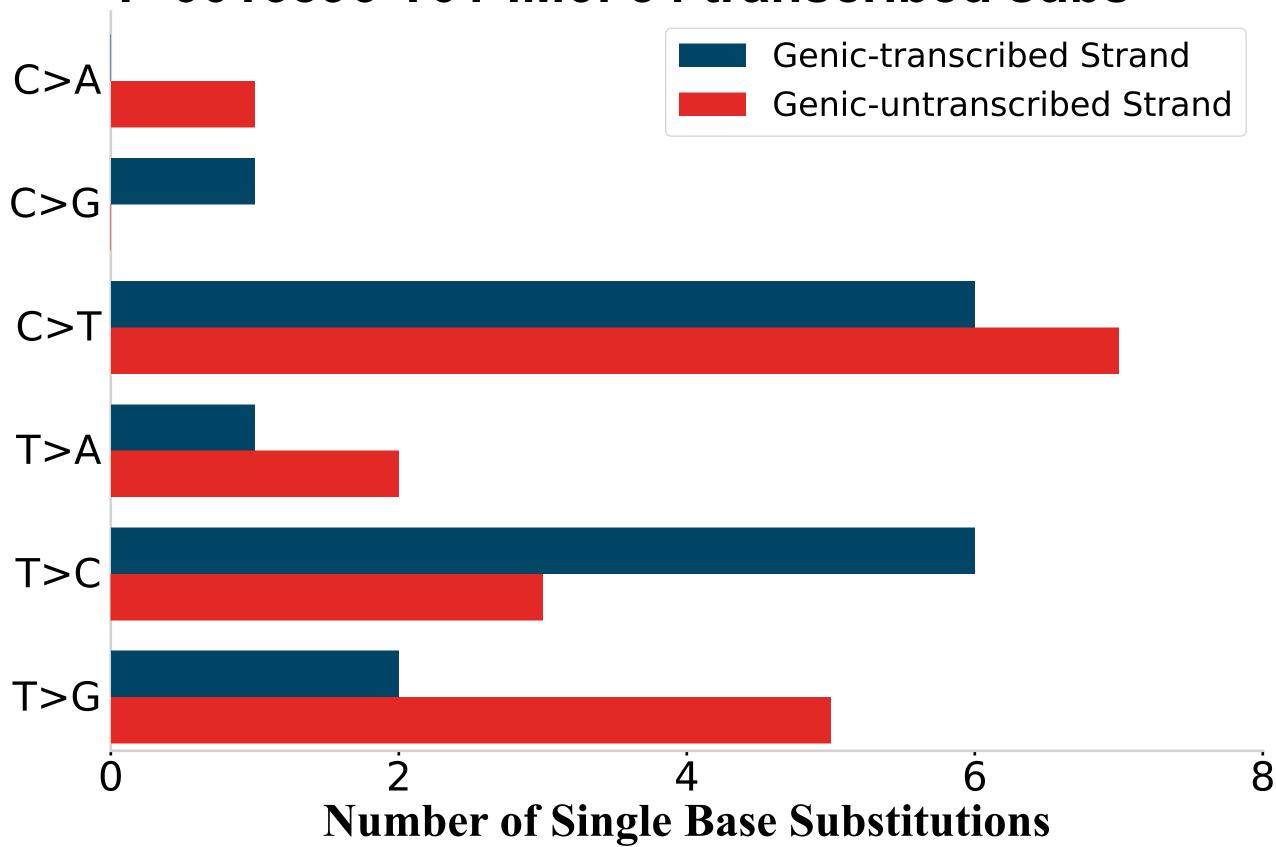
P-0016530-T01-IM6: 9 transcribed subs



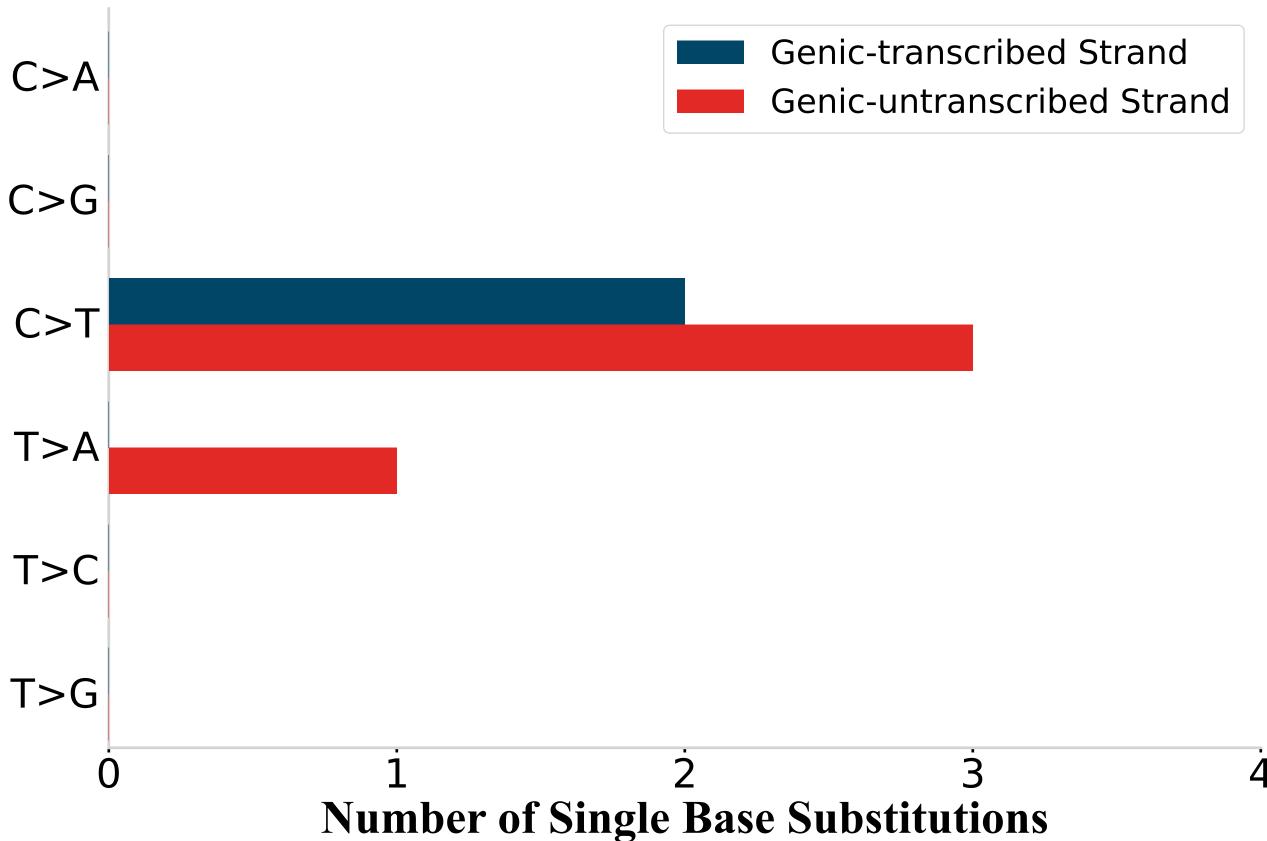
P-0016533-T01-IM6: 8 transcribed subs



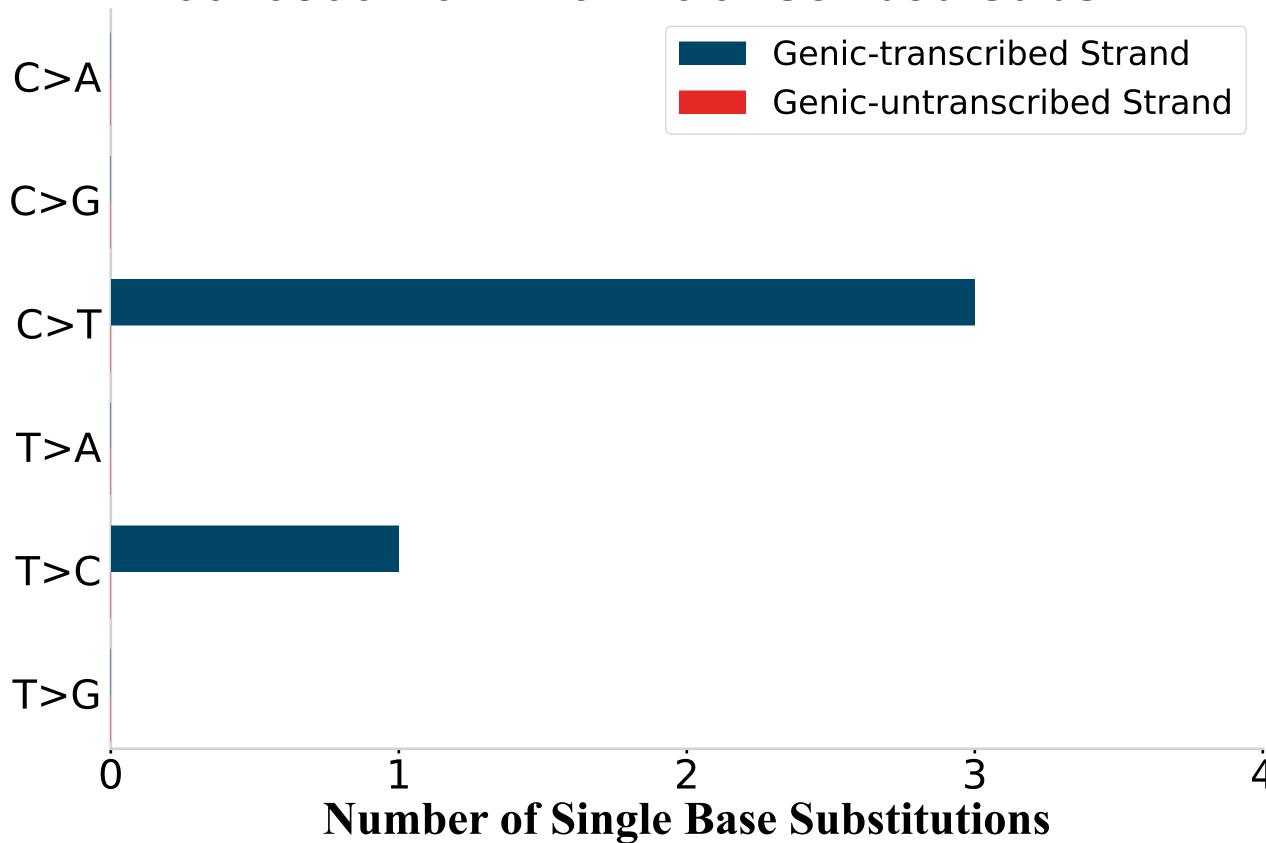
P-0016596-T01-IM6: 34 transcribed subs



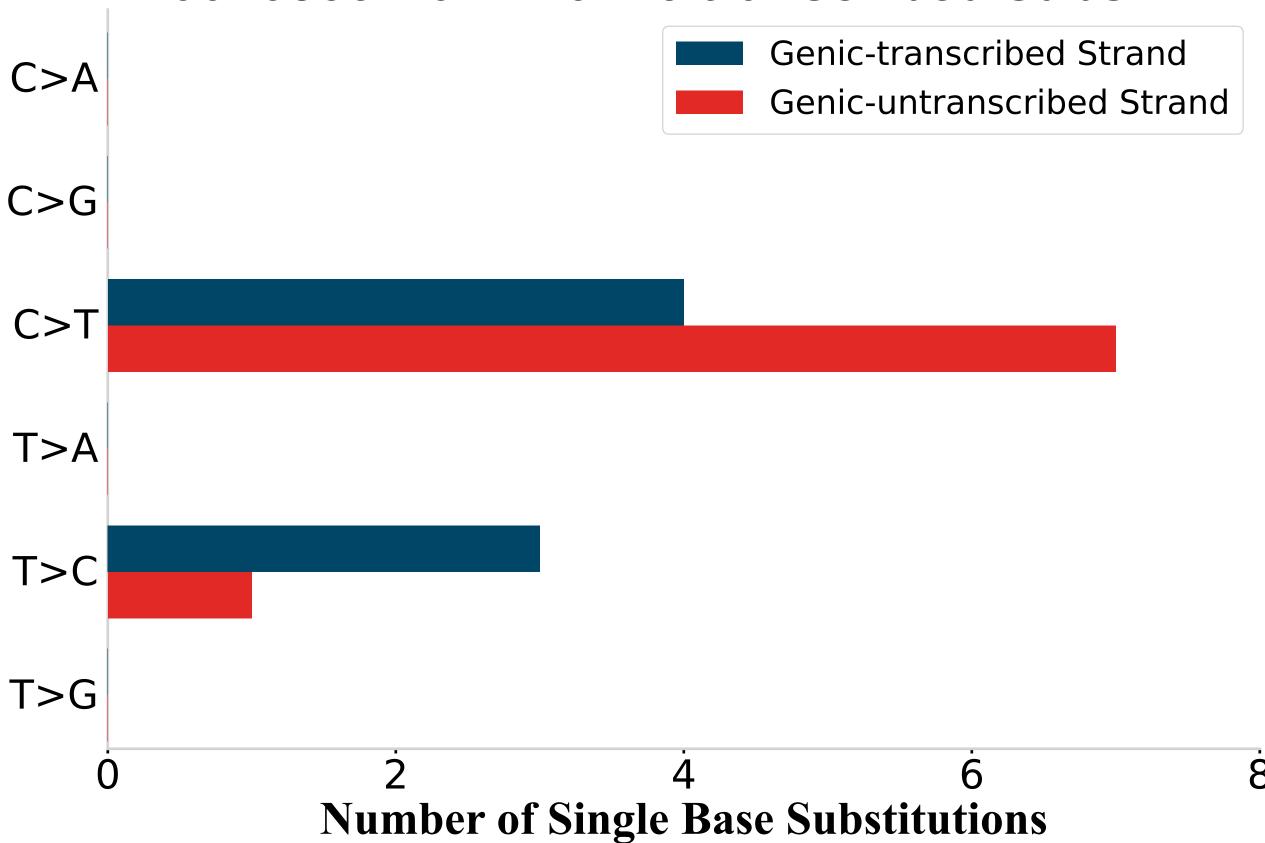
P-0016799-T01-IM6: 6 transcribed subs



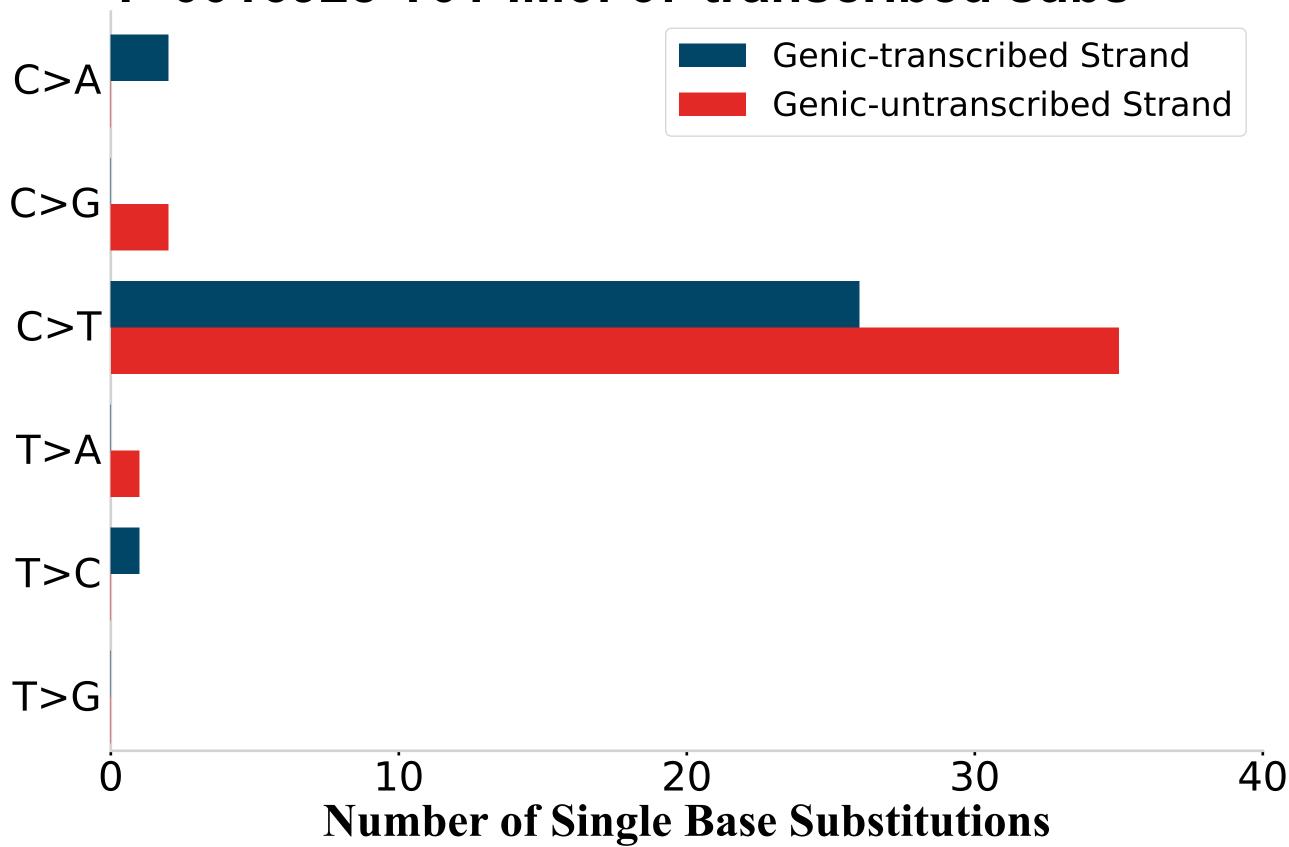
P-0016800-T01-IM6: 4 transcribed subs



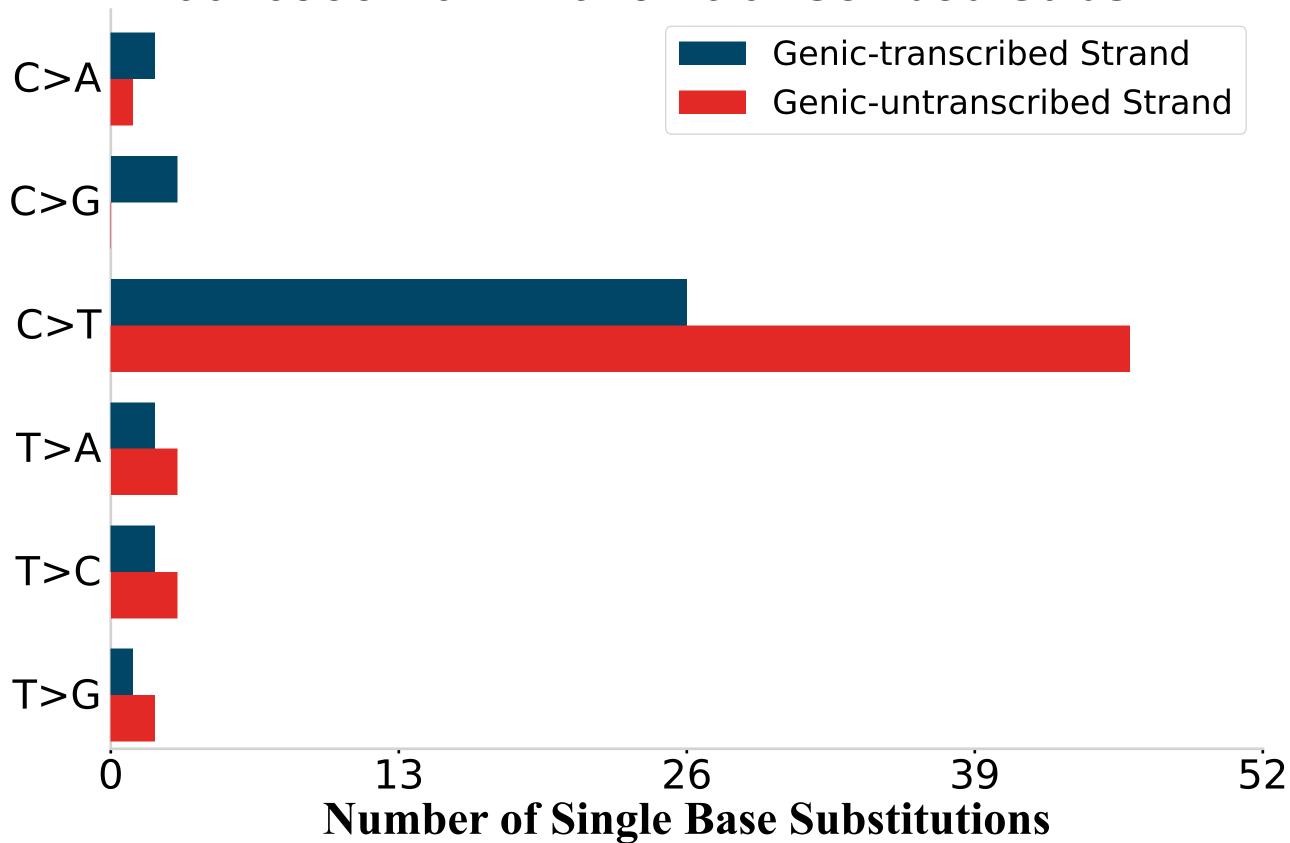
P-0016853-T02-IM6: 15 transcribed subs



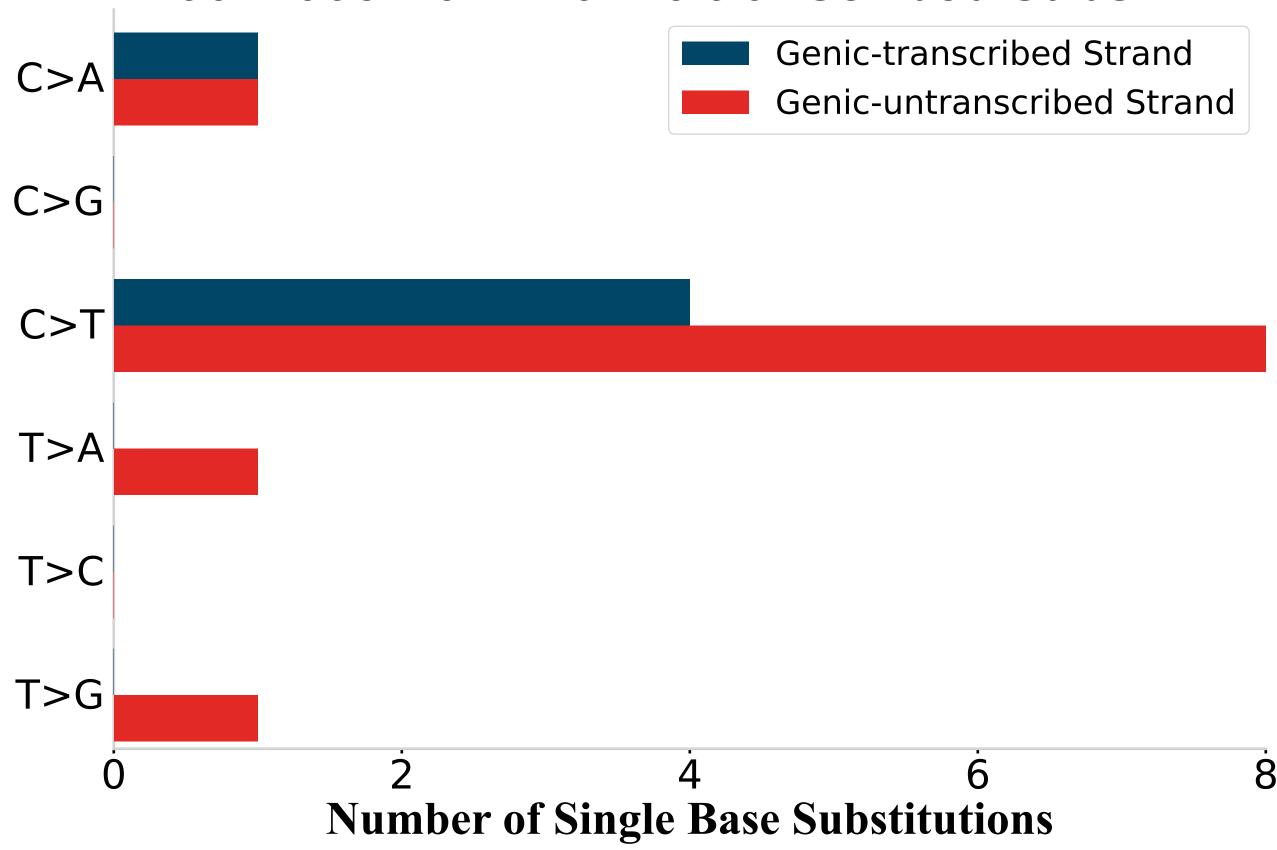
P-0016928-T01-IM6: 67 transcribed subs



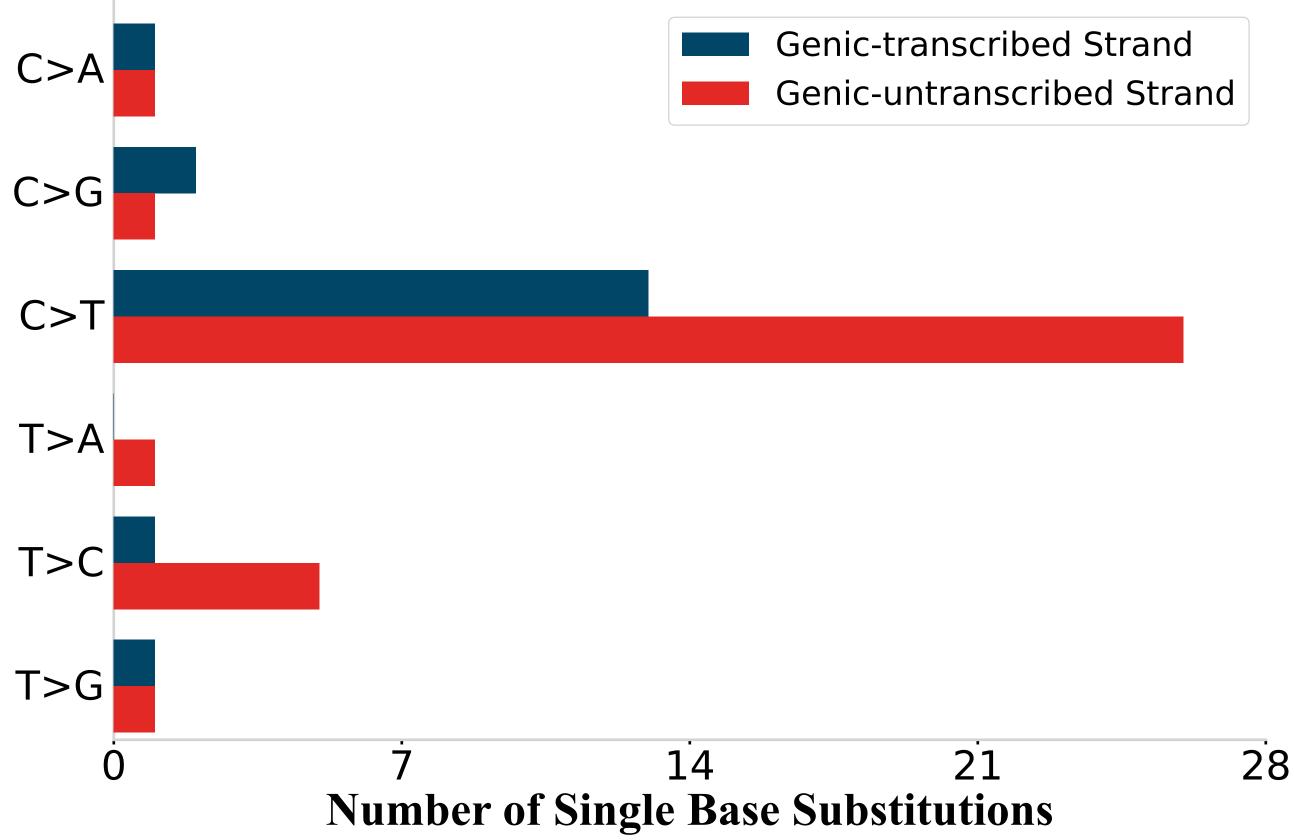
P-0016935-T01-IM6: 91 transcribed subs



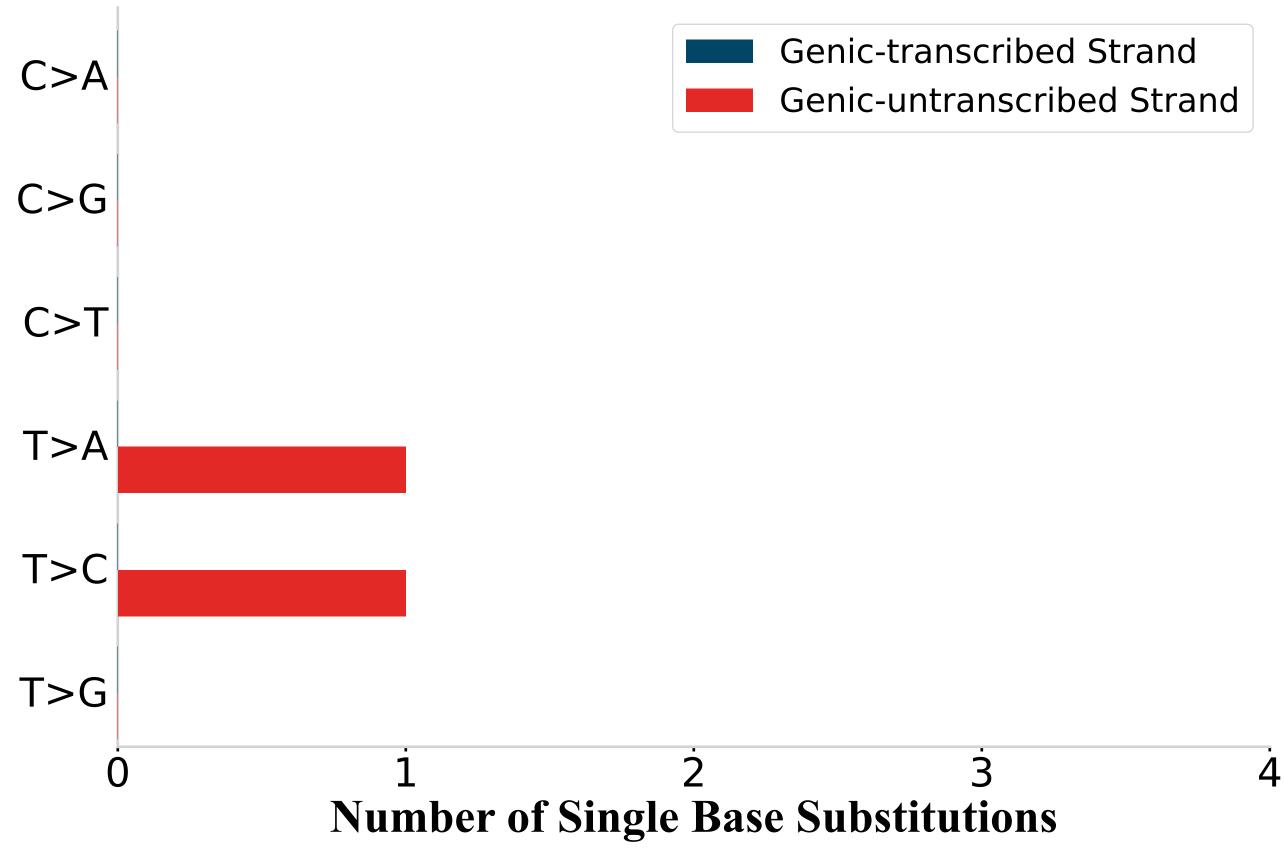
P-0017003-T01-IM6: 16 transcribed subs



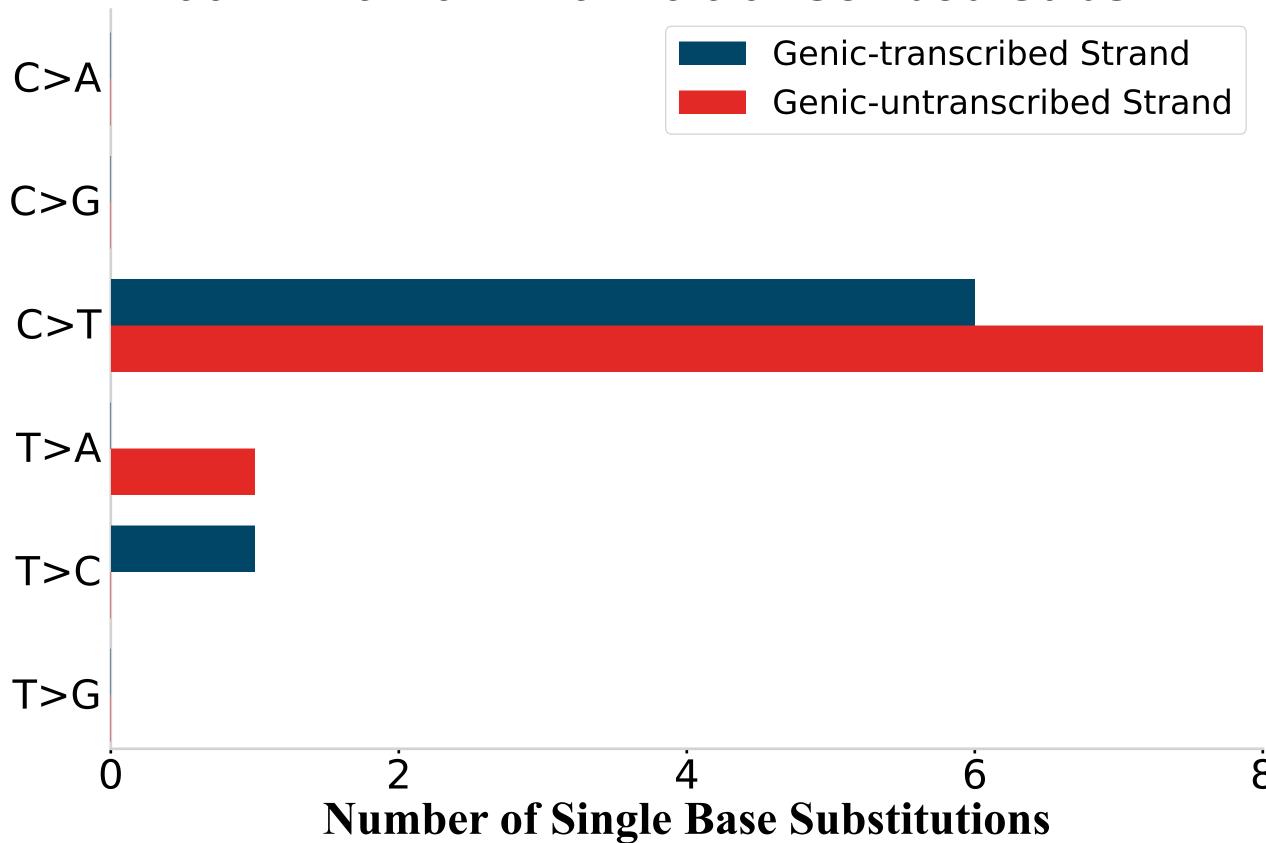
P-0017047-T01-IM6: 53 transcribed subs



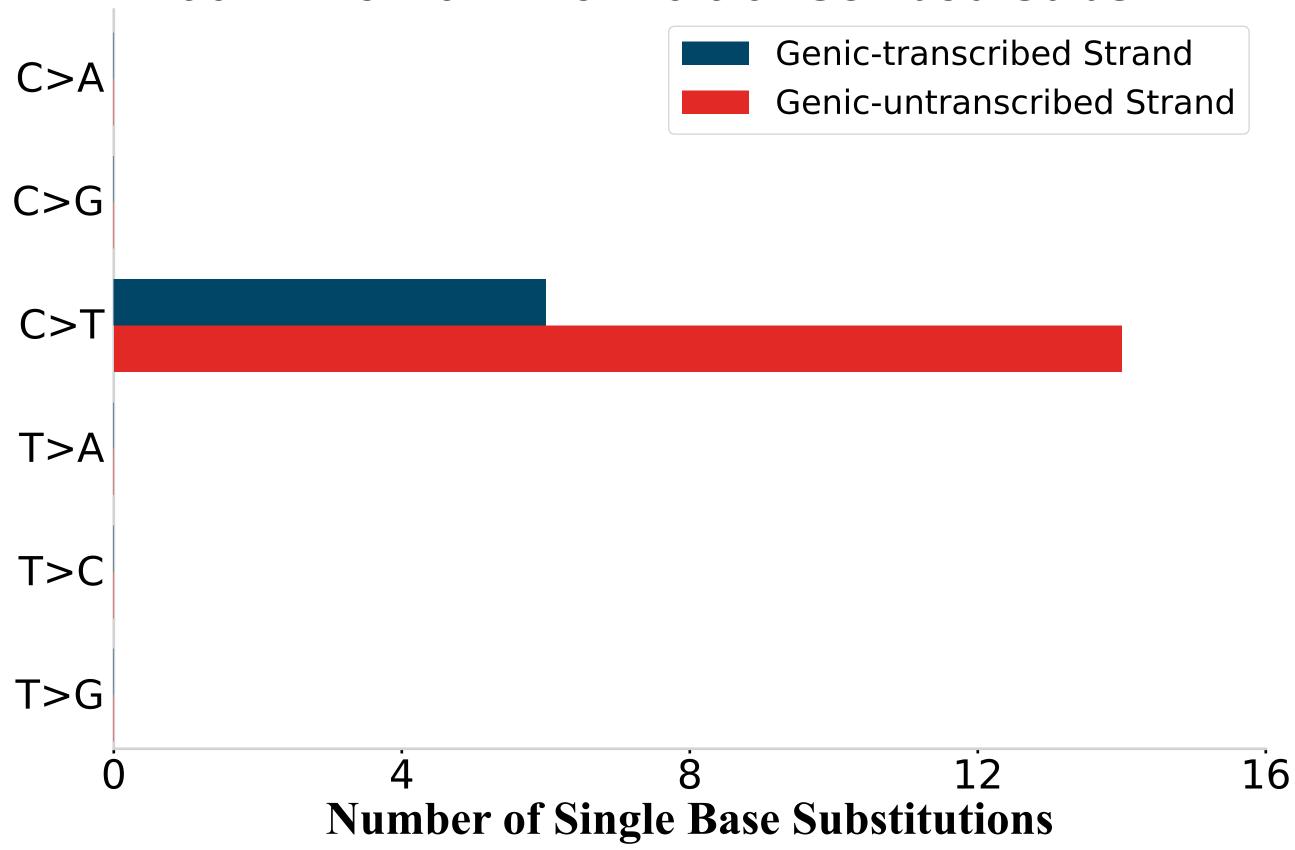
P-0017054-T01-IM6: 2 transcribed subs



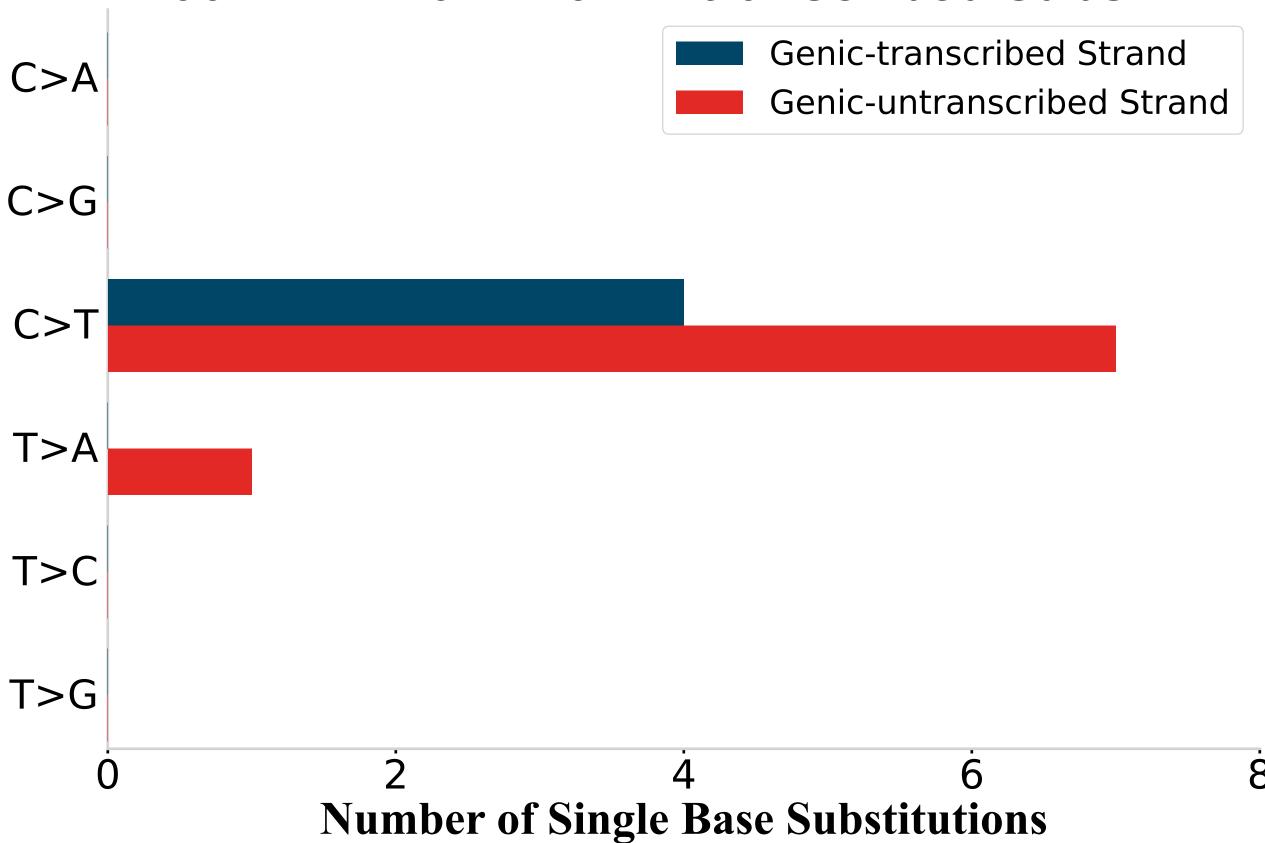
P-0017176-T01-IM6: 16 transcribed subs



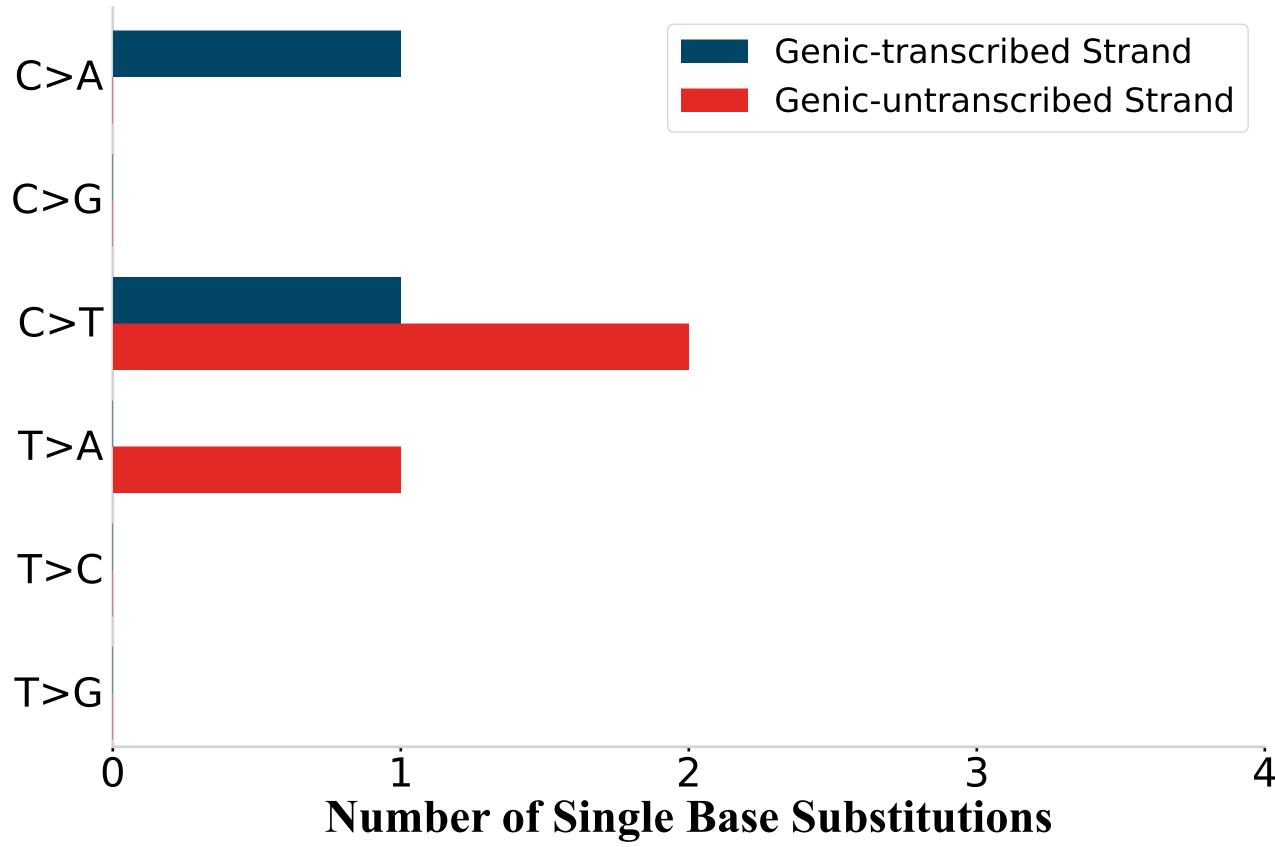
P-0017215-T01-IM5: 20 transcribed subs



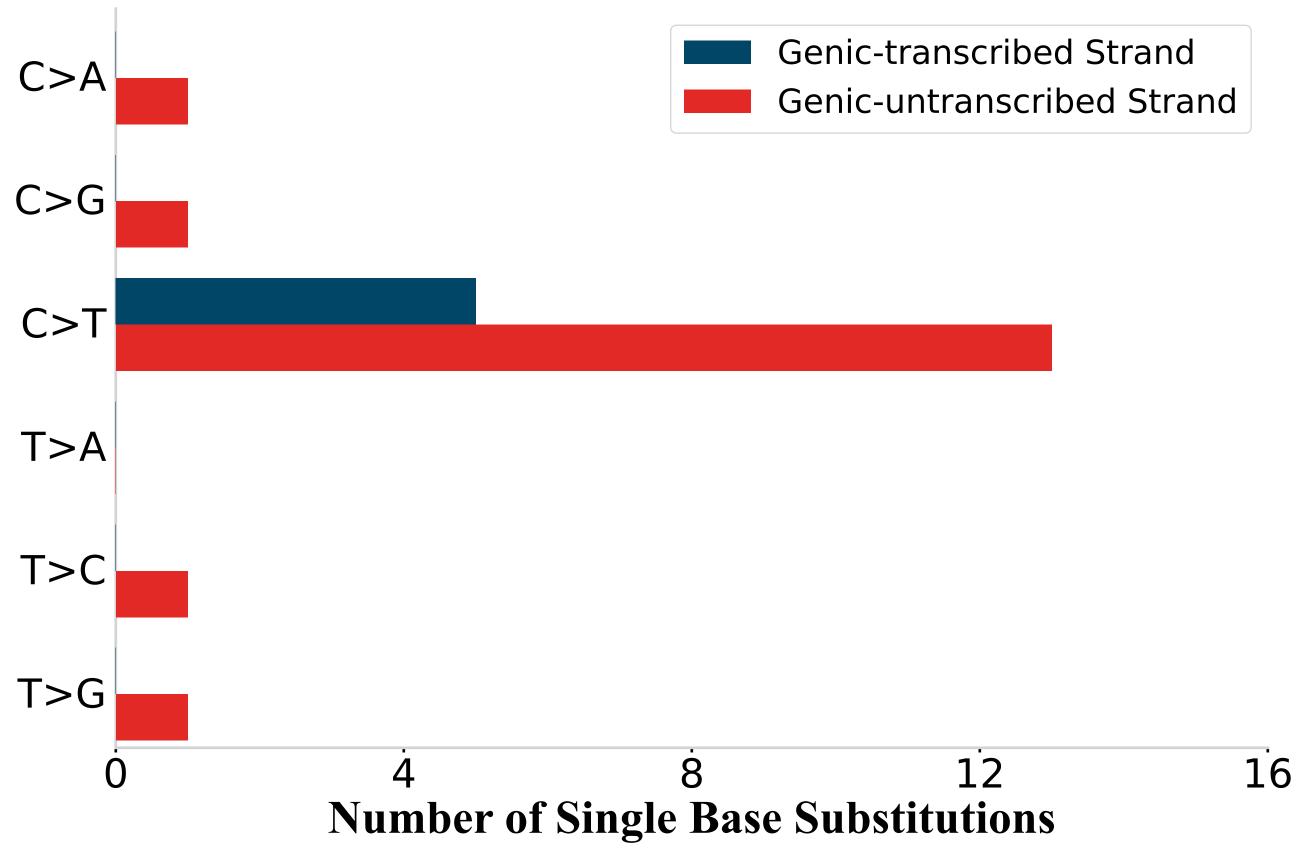
P-0017272-T01-IM6: 12 transcribed subs



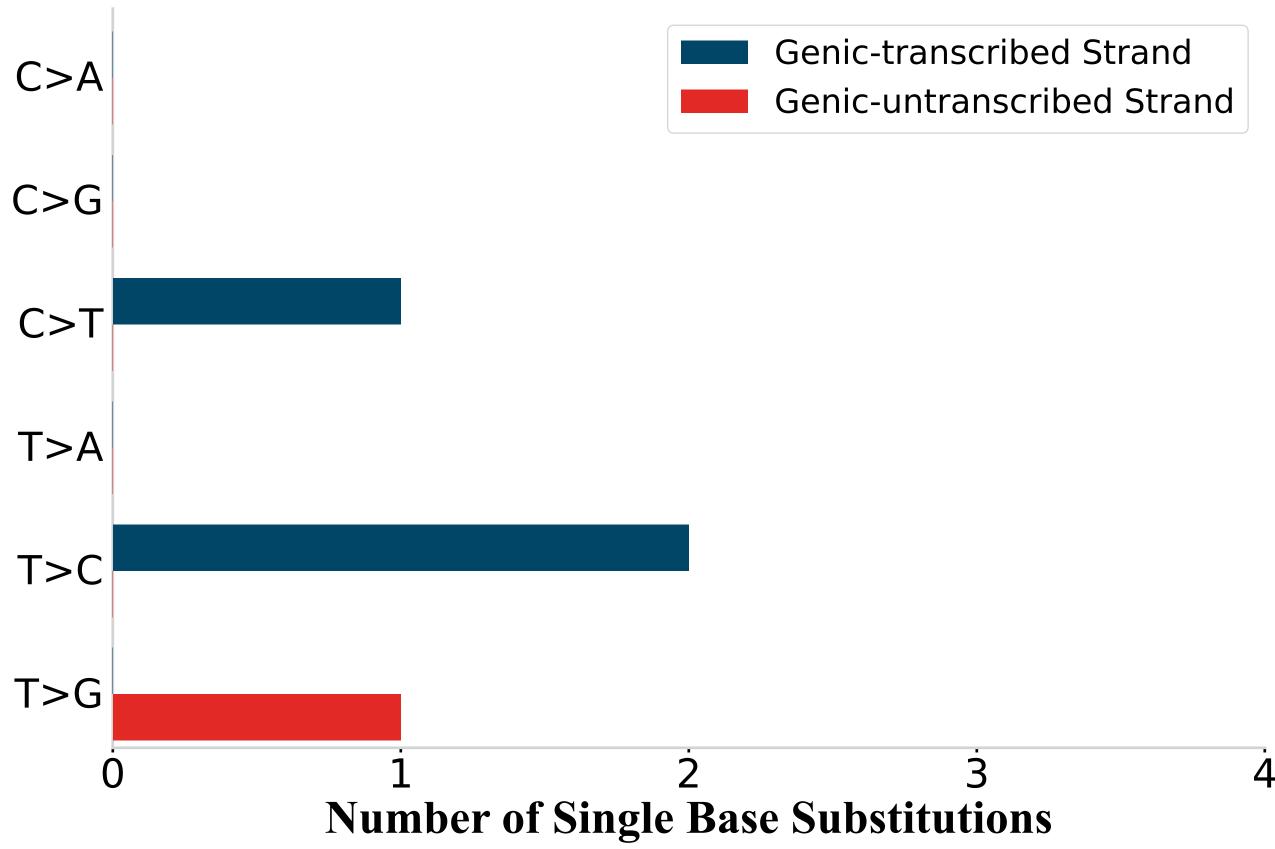
P-0017353-T01-IM6: 5 transcribed subs



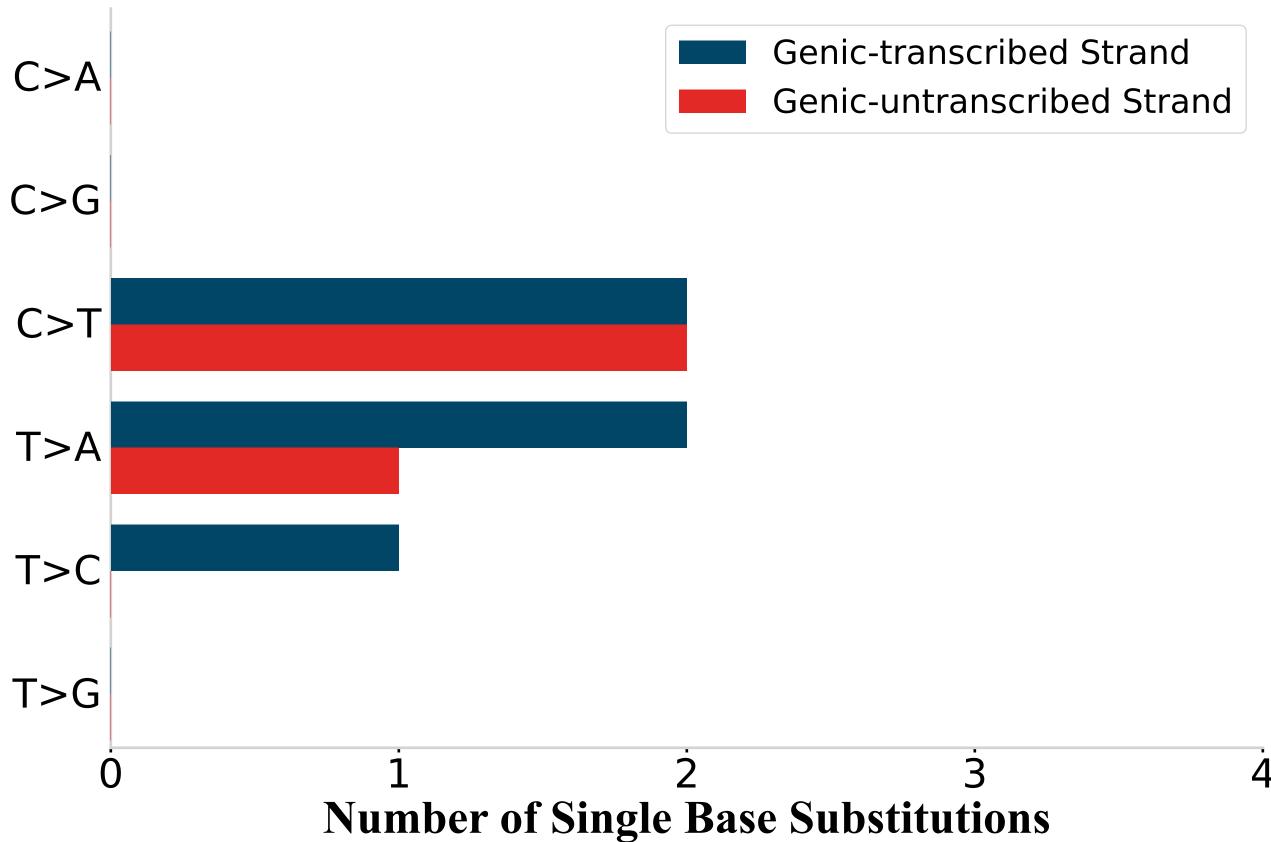
P-0017361-T01-IM6: 22 transcribed subs



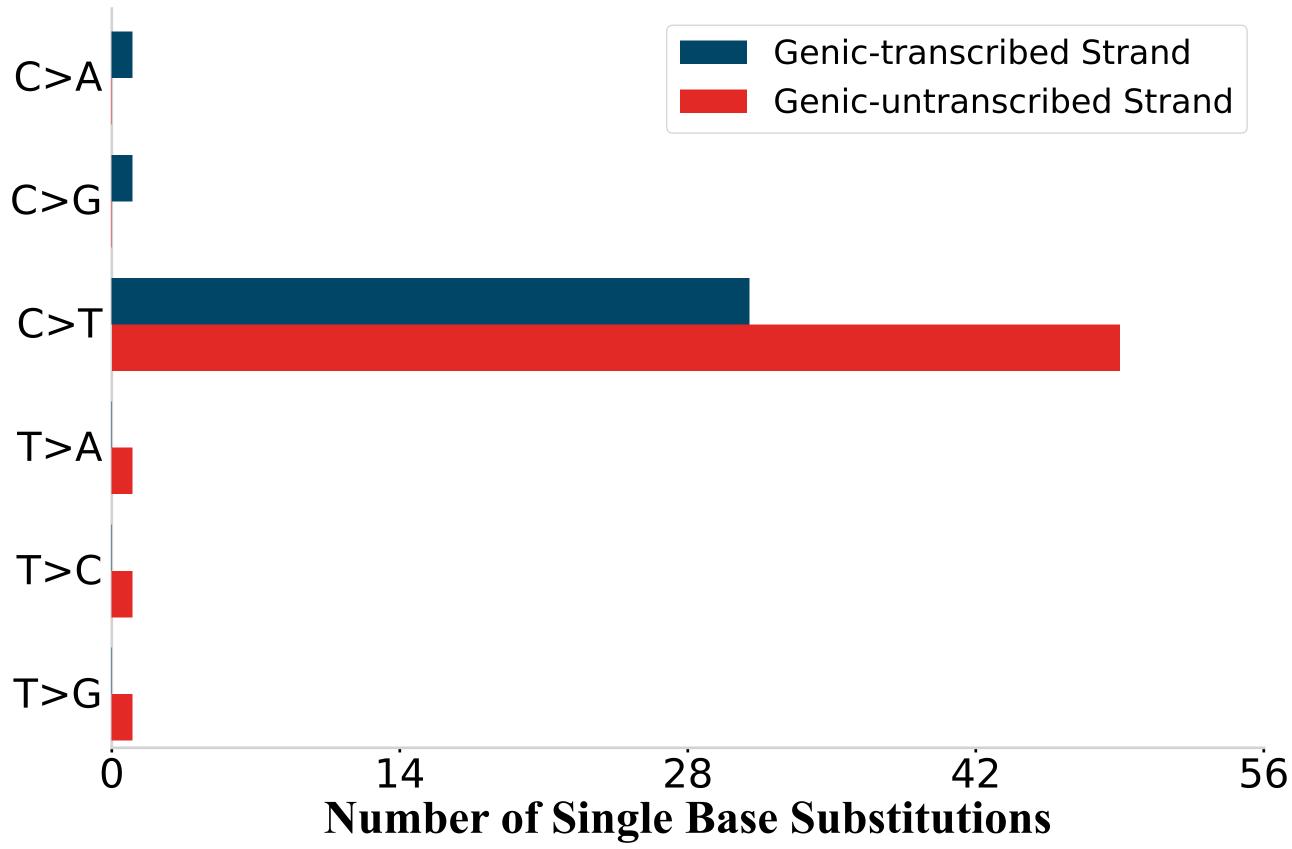
P-0017384-T01-IM6: 4 transcribed subs



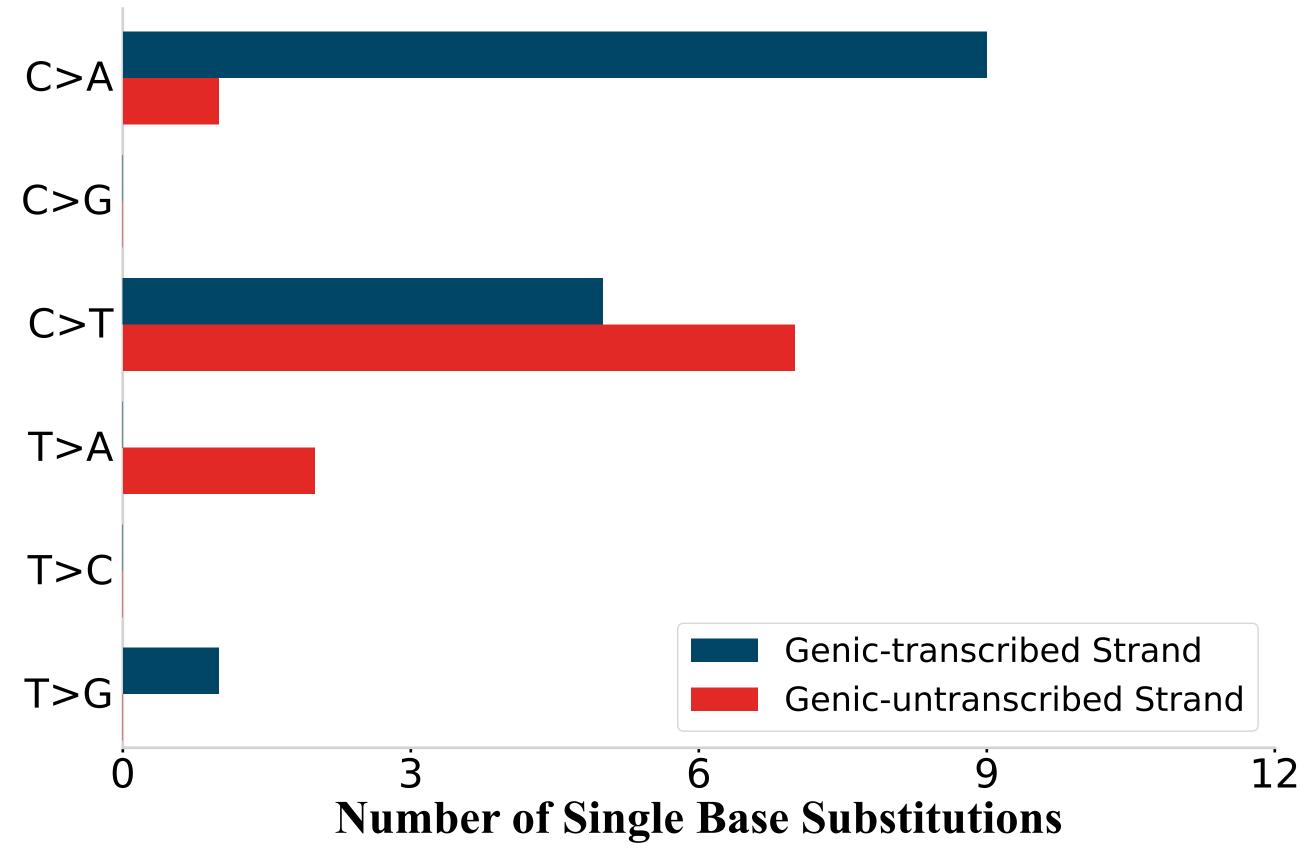
P-0017461-T01-IM6: 8 transcribed subs



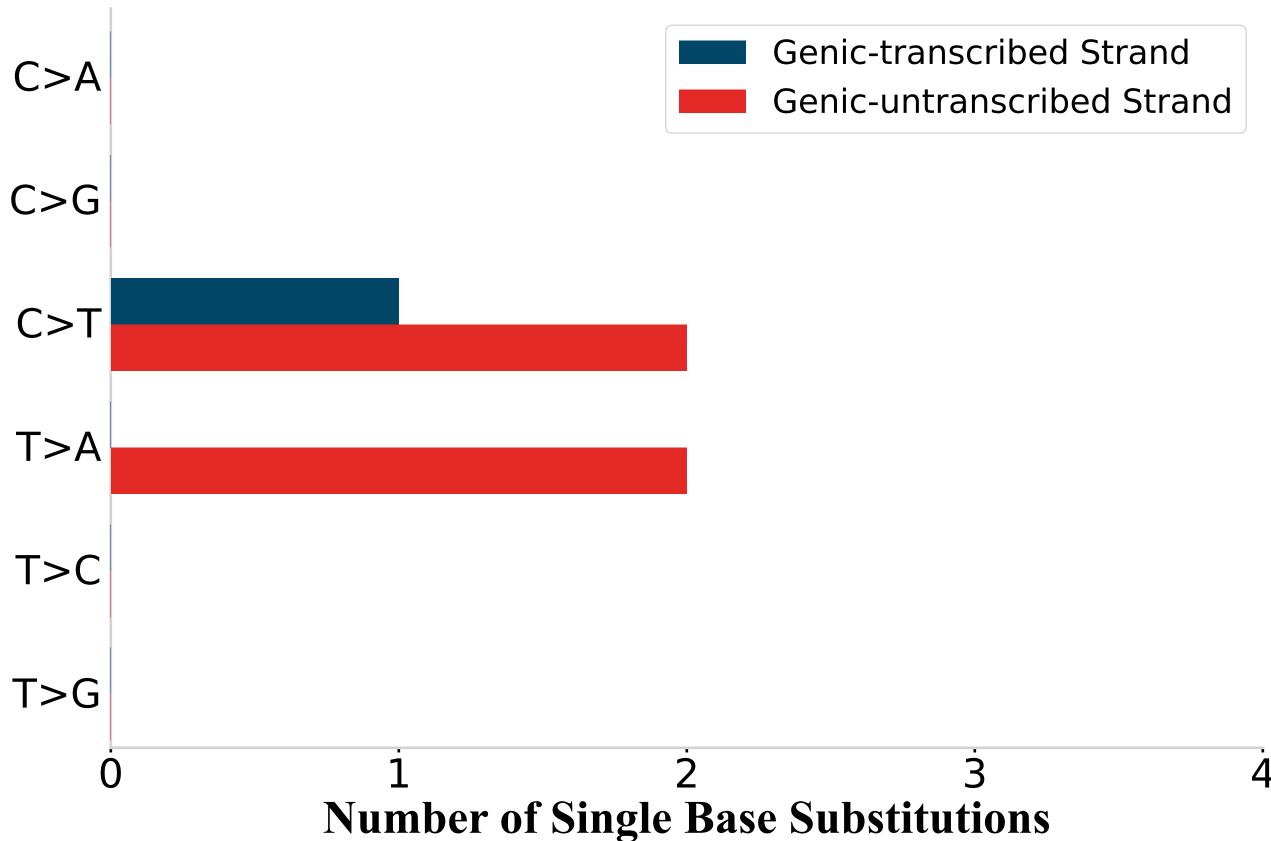
P-0017506-T01-IM6: 85 transcribed subs



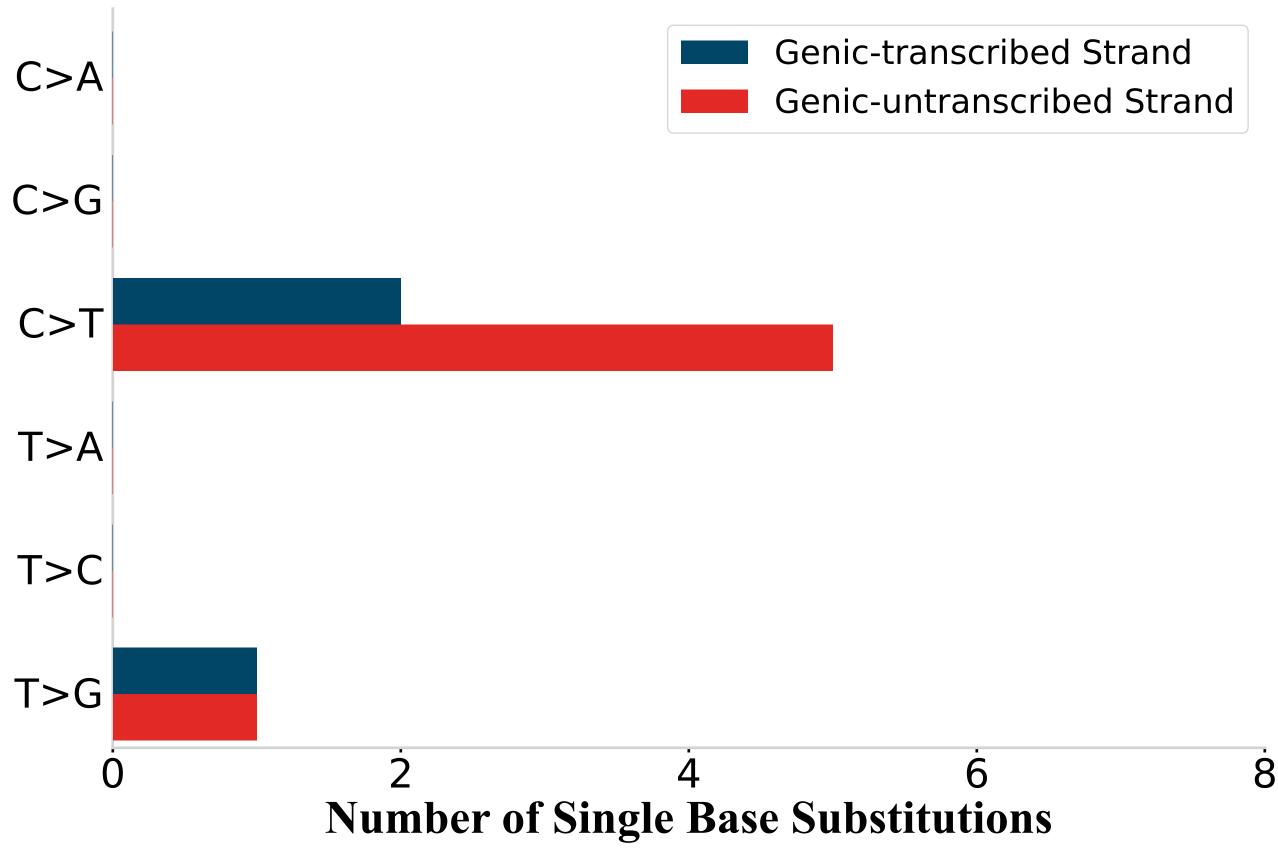
P-0017512-T01-IM6: 25 transcribed subs



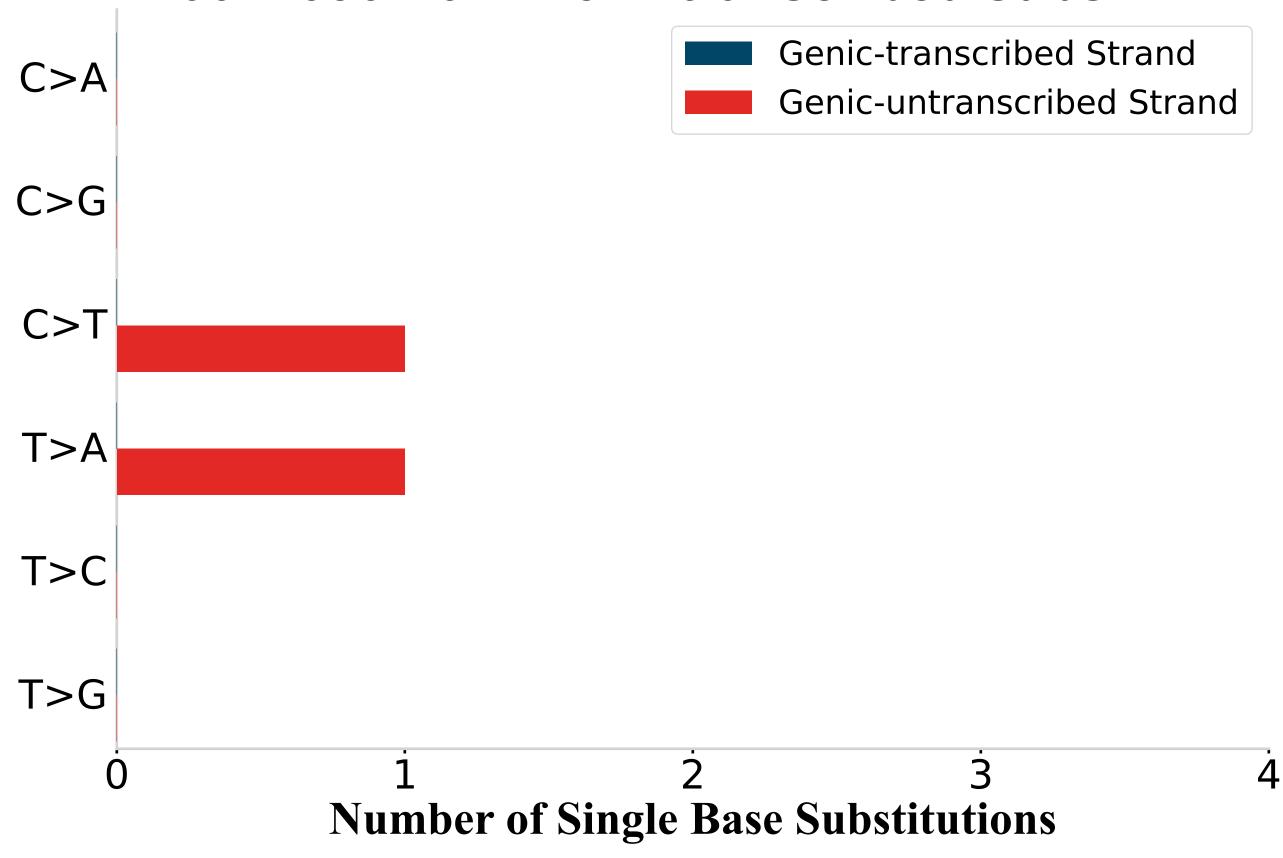
P-0017539-T01-IM5: 5 transcribed subs



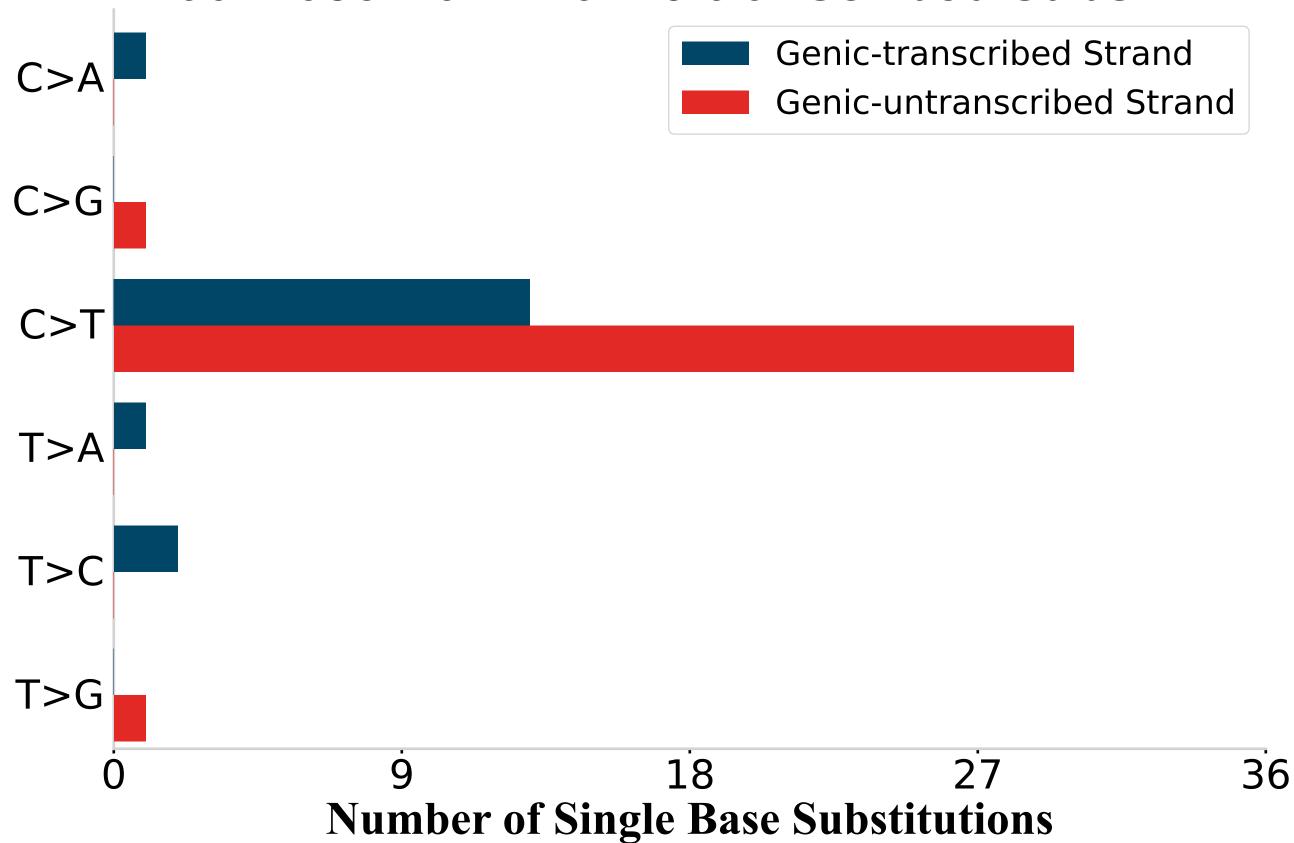
P-0017635-T01-IM5: 9 transcribed subs



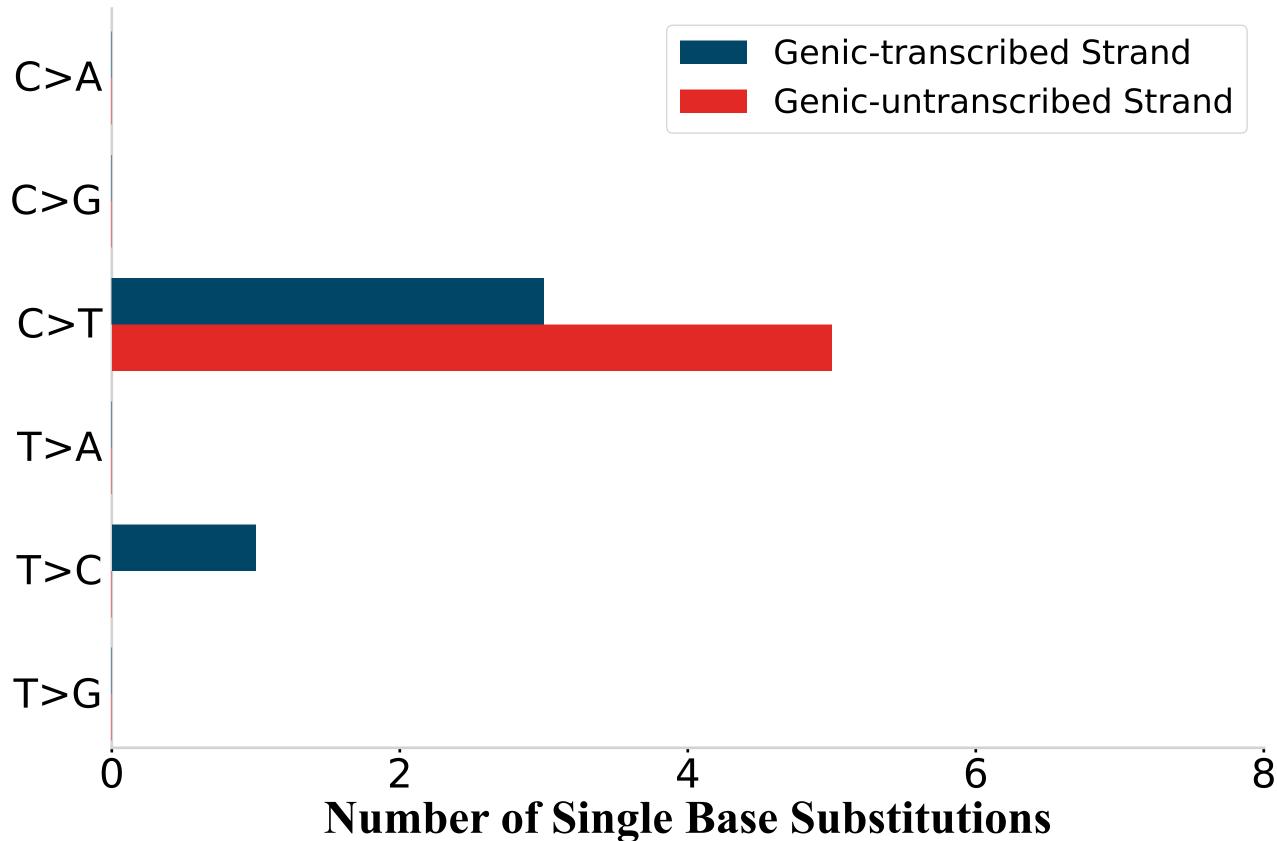
P-0017636-T01-IM5: 2 transcribed subs



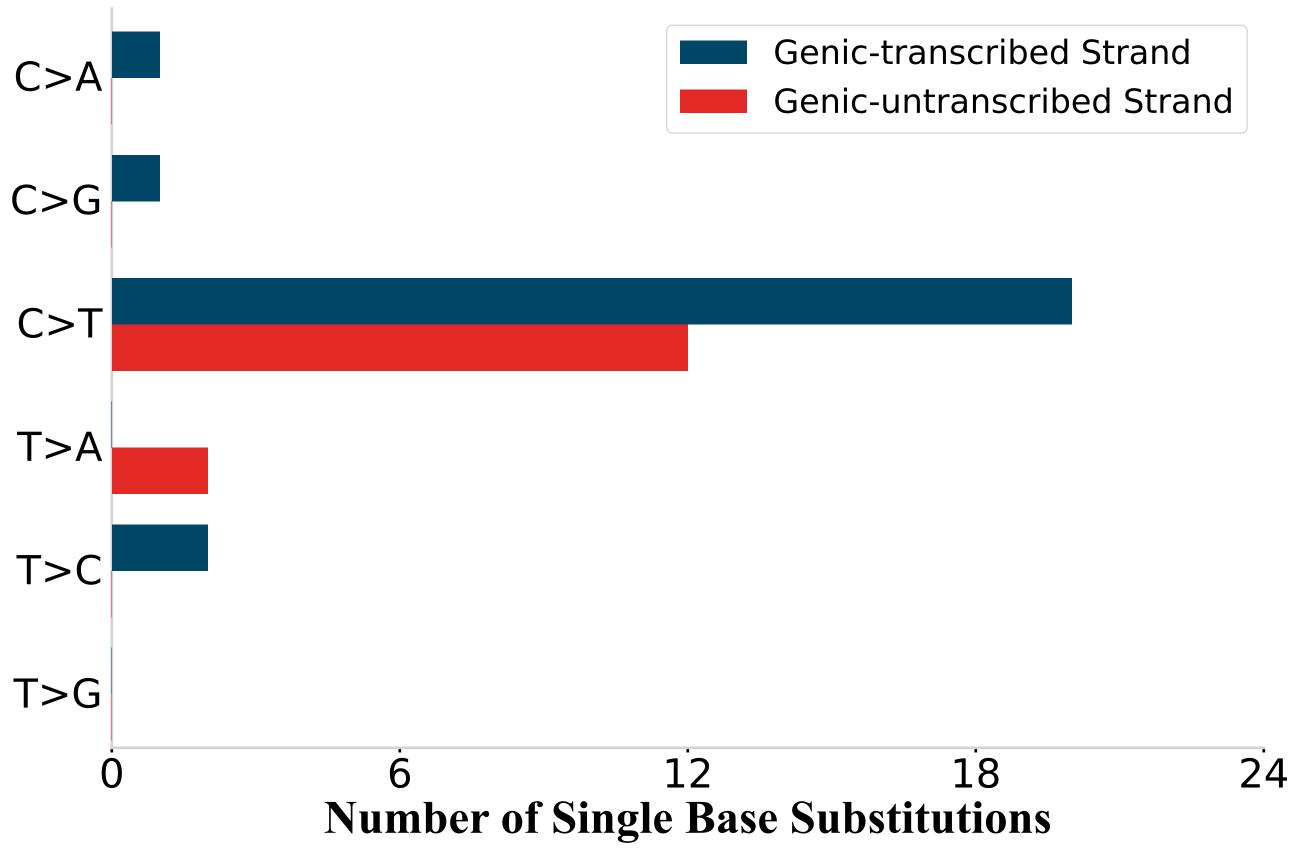
P-0017683-T01-IM6: 49 transcribed subs



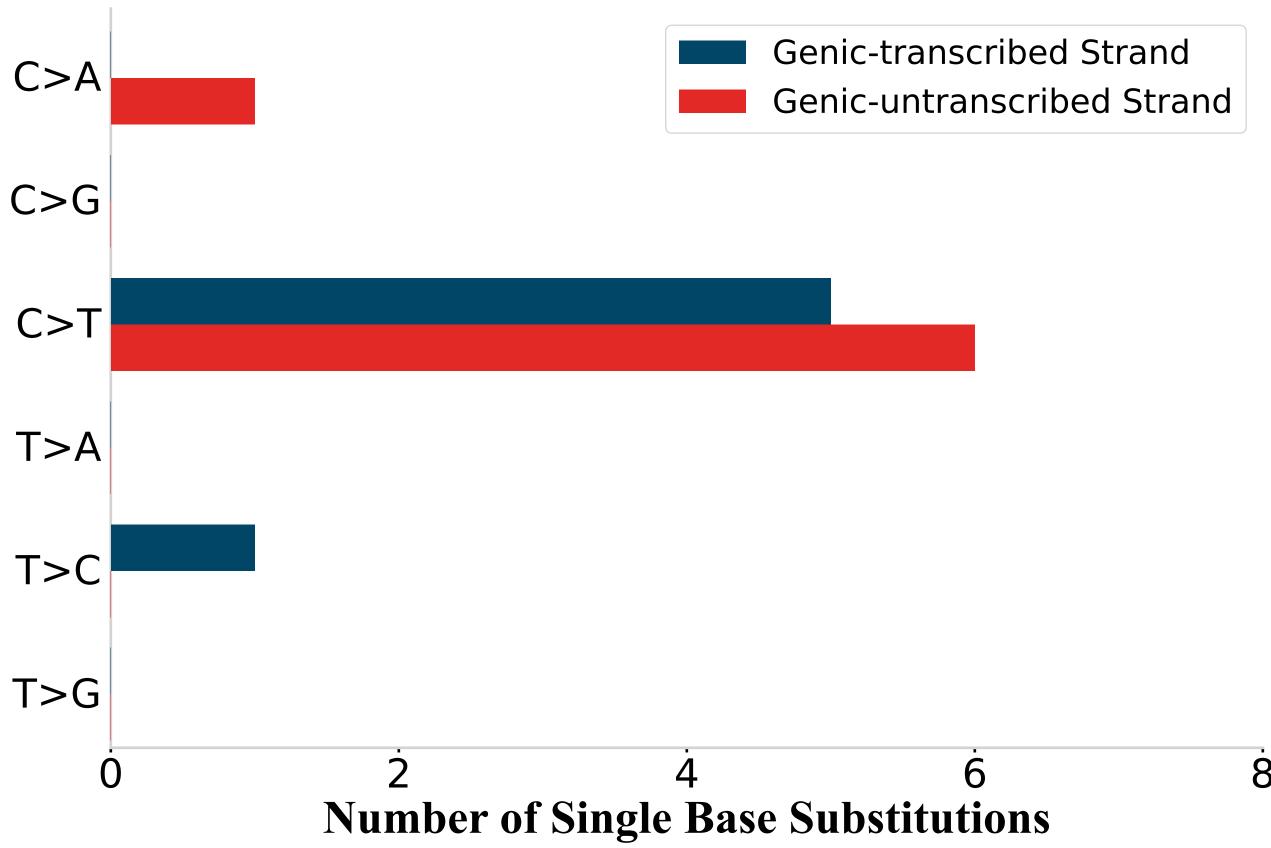
P-0017690-T04-IM6: 9 transcribed subs



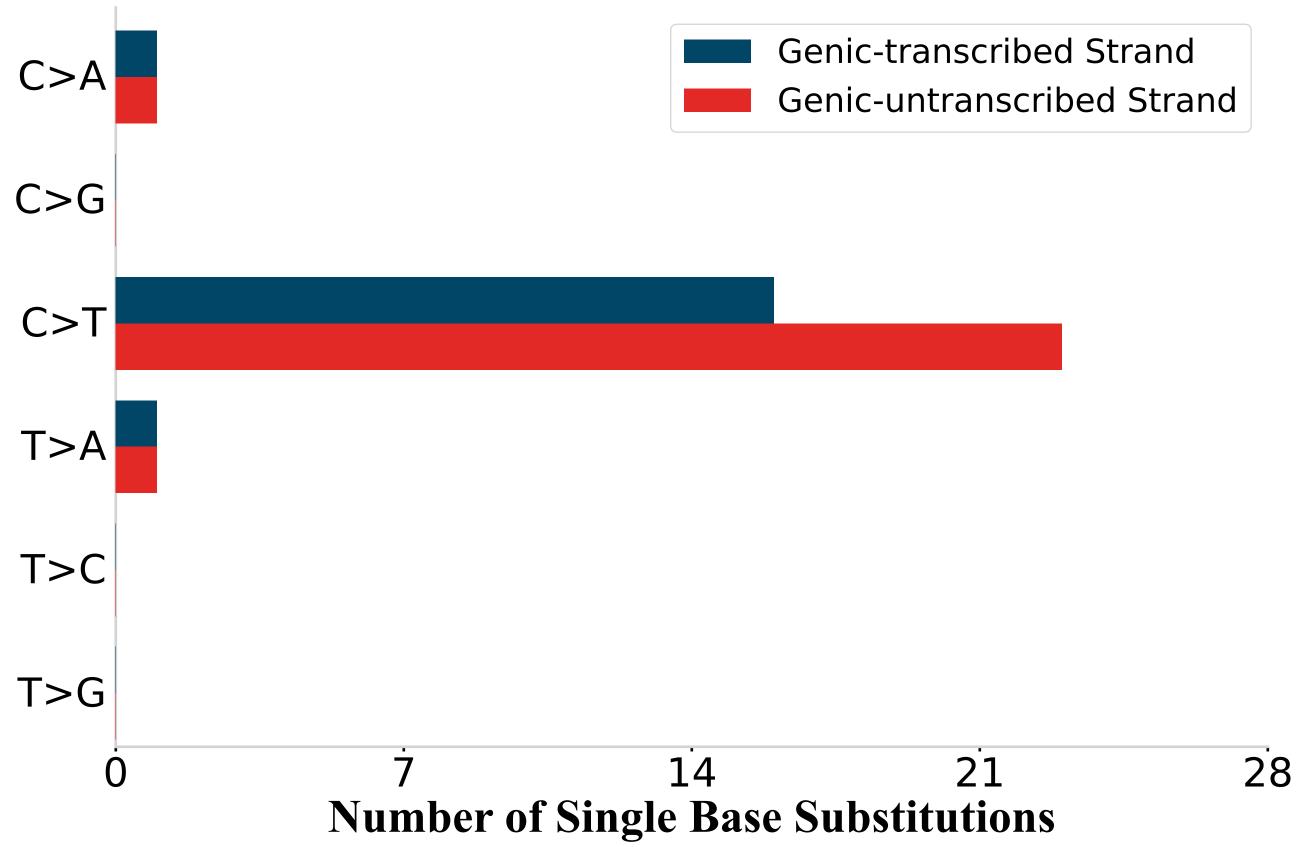
P-0017702-T01-IM6: 38 transcribed subs



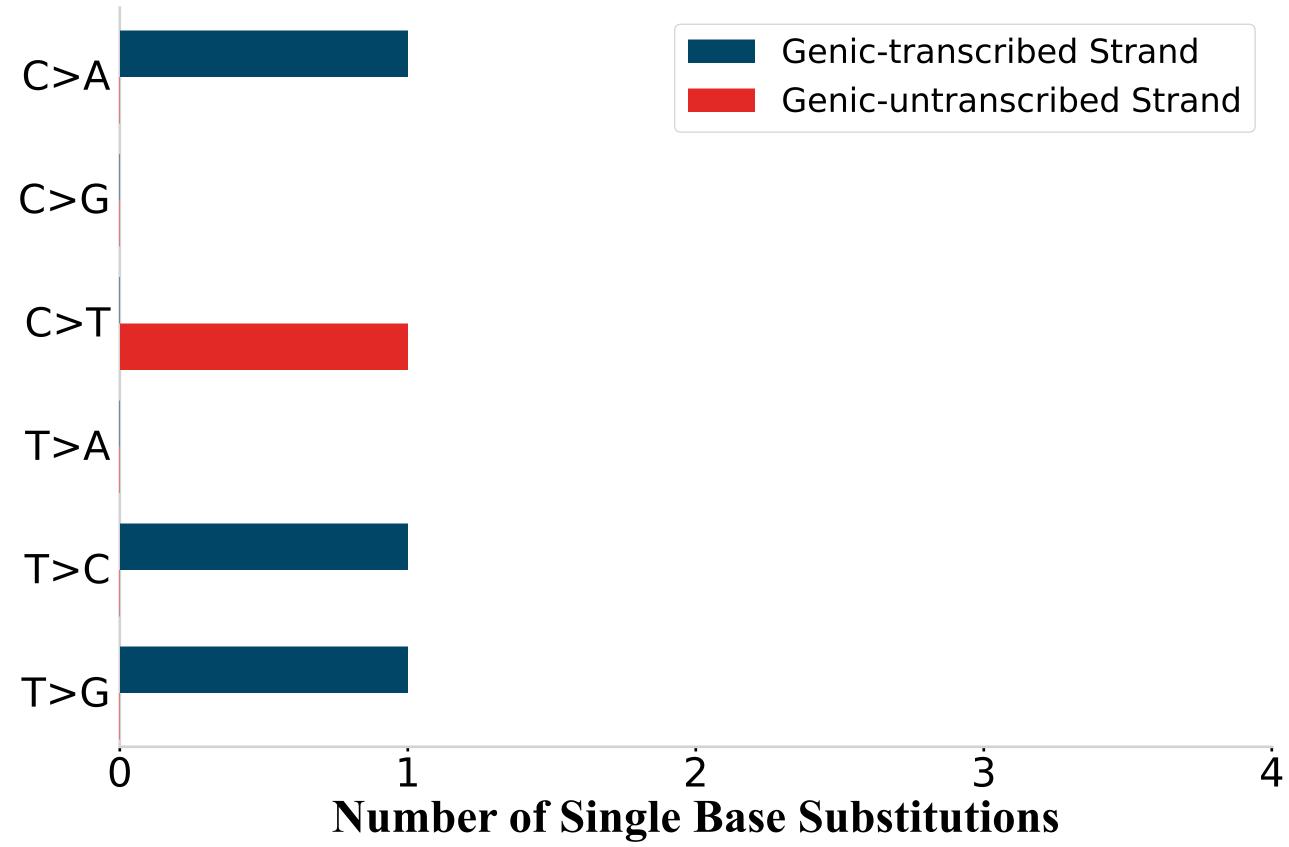
P-0017744-T01-IM6: 13 transcribed subs



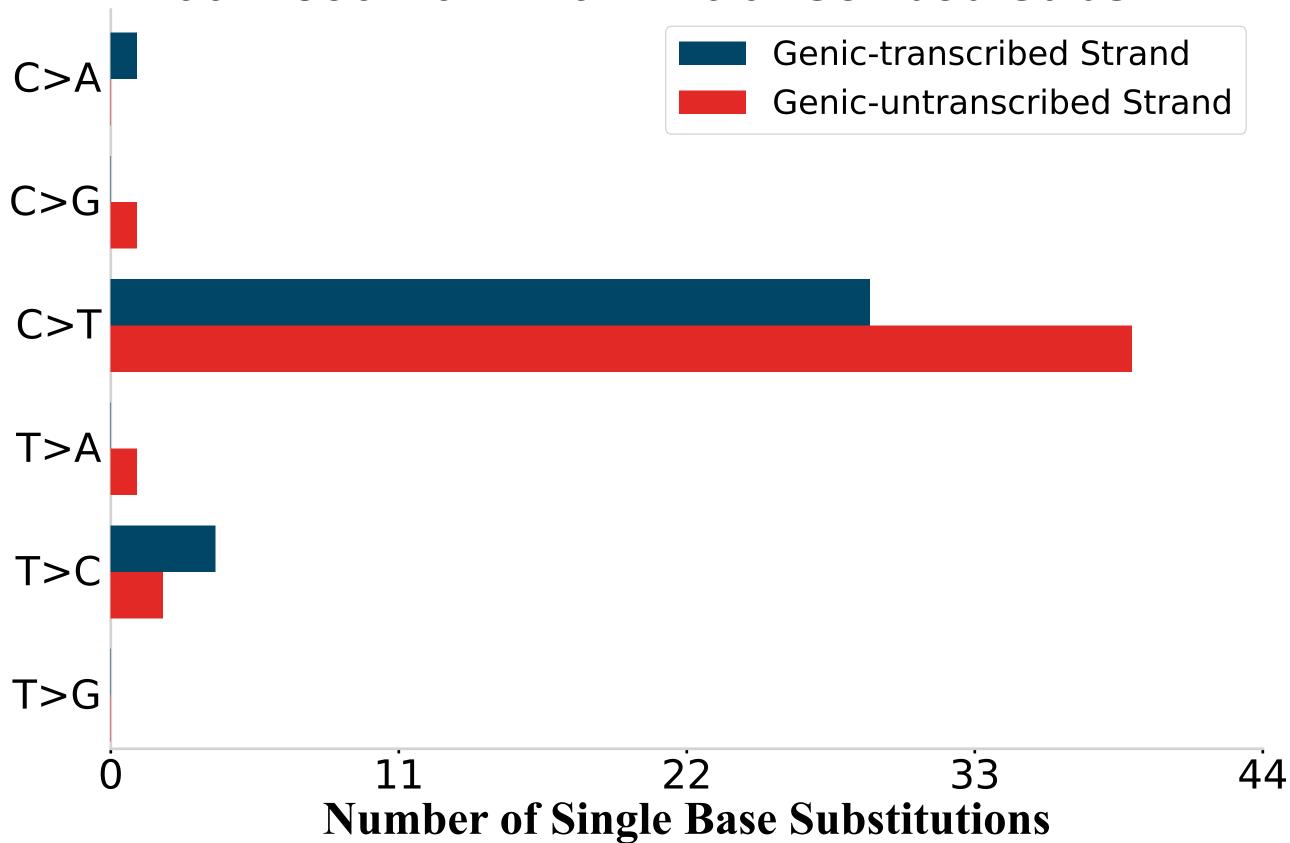
P-0017797-T01-IM6: 43 transcribed subs



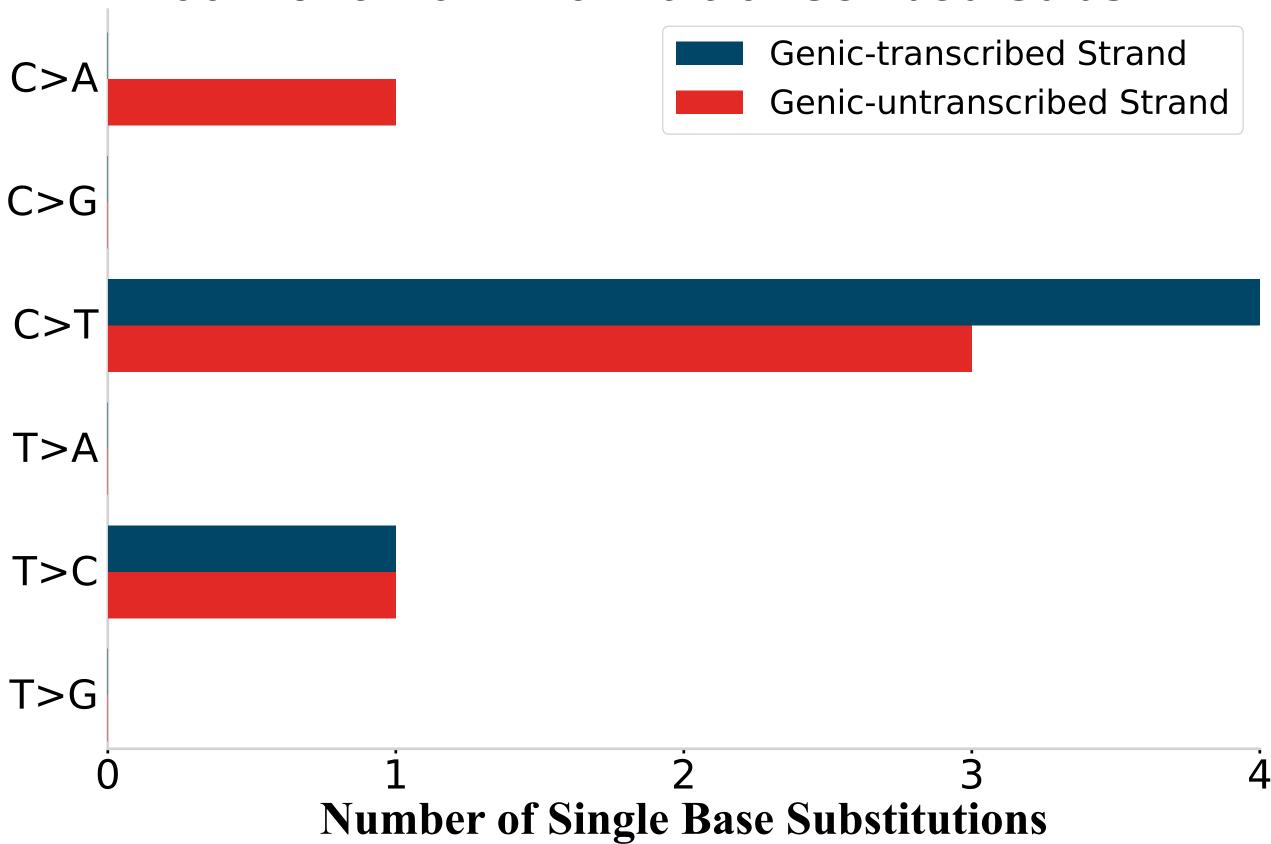
P-0017815-T01-IM6: 4 transcribed subs



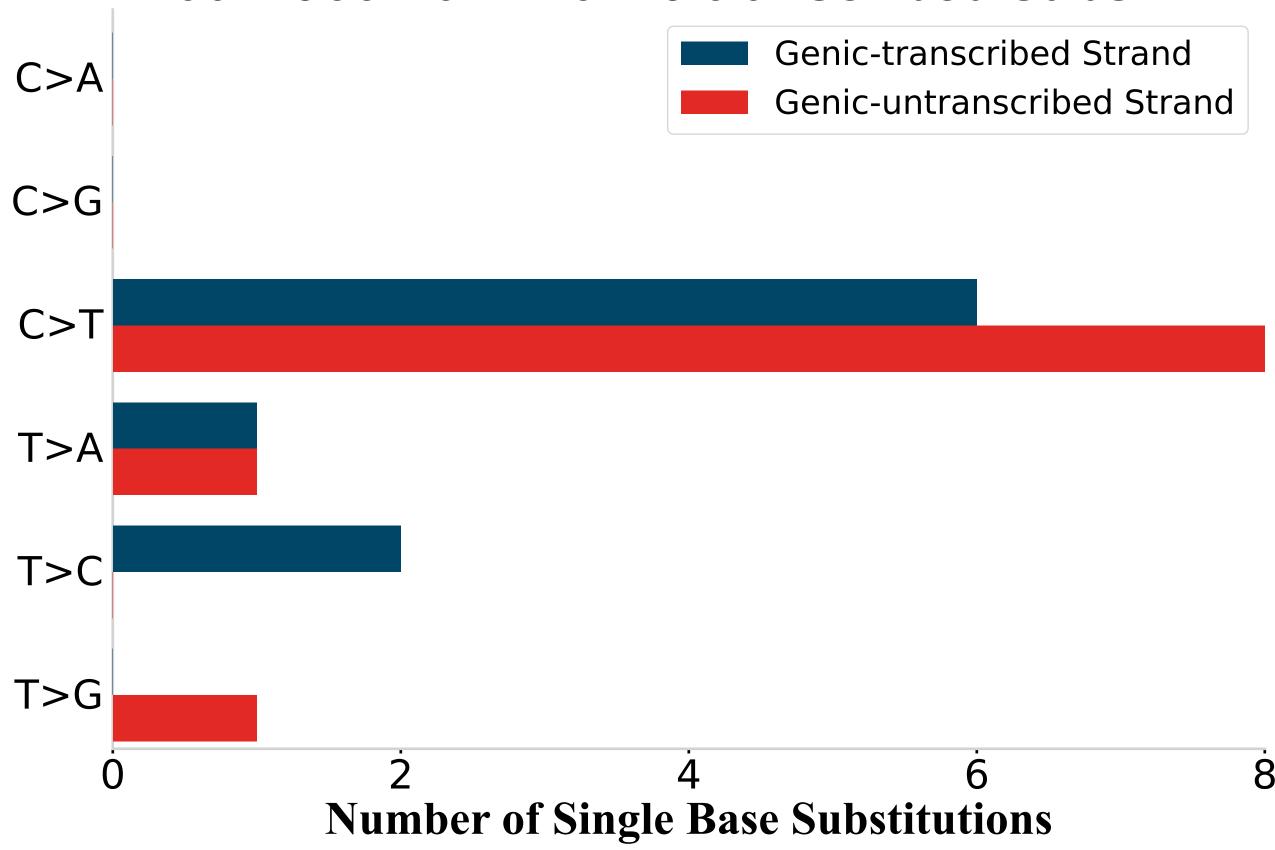
P-0017830-T01-IM6: 77 transcribed subs



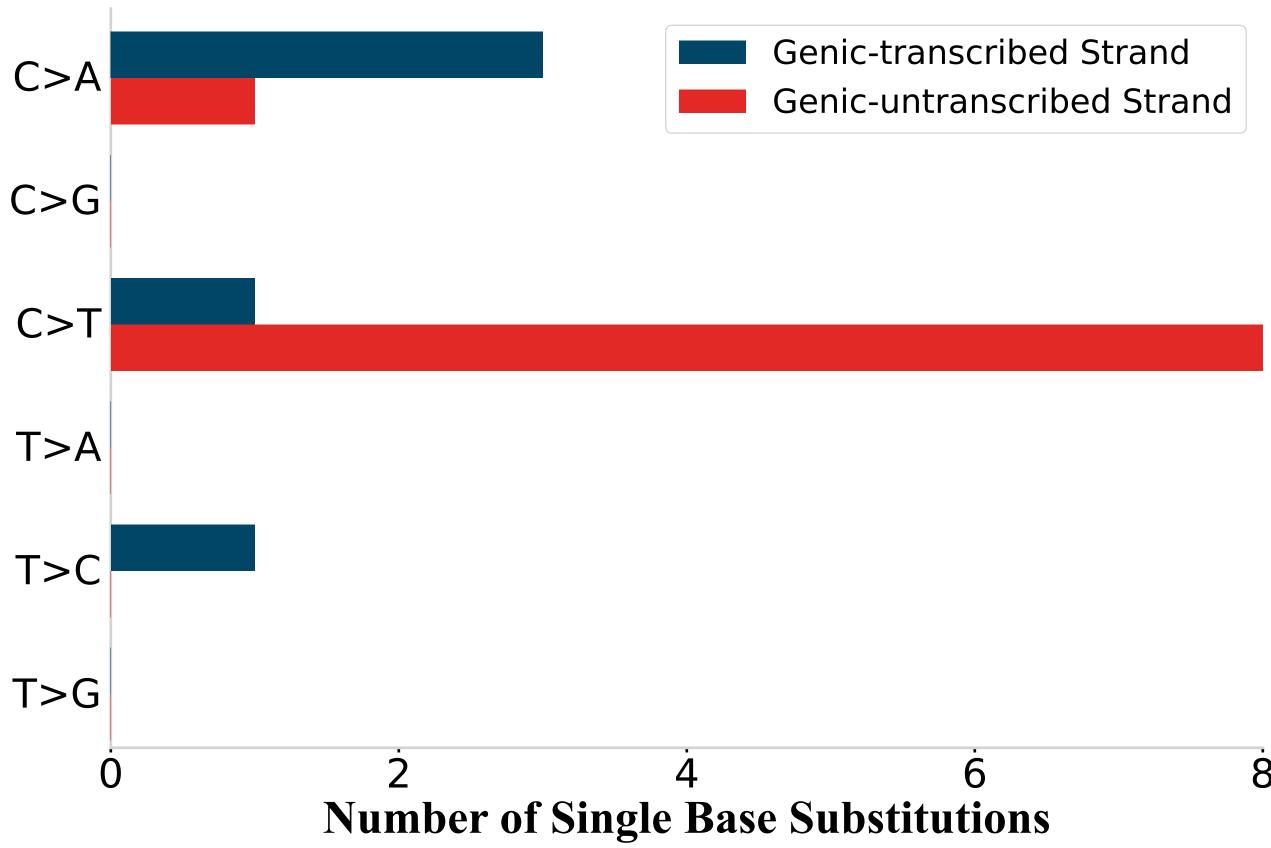
P-0017943-T01-IM6: 10 transcribed subs



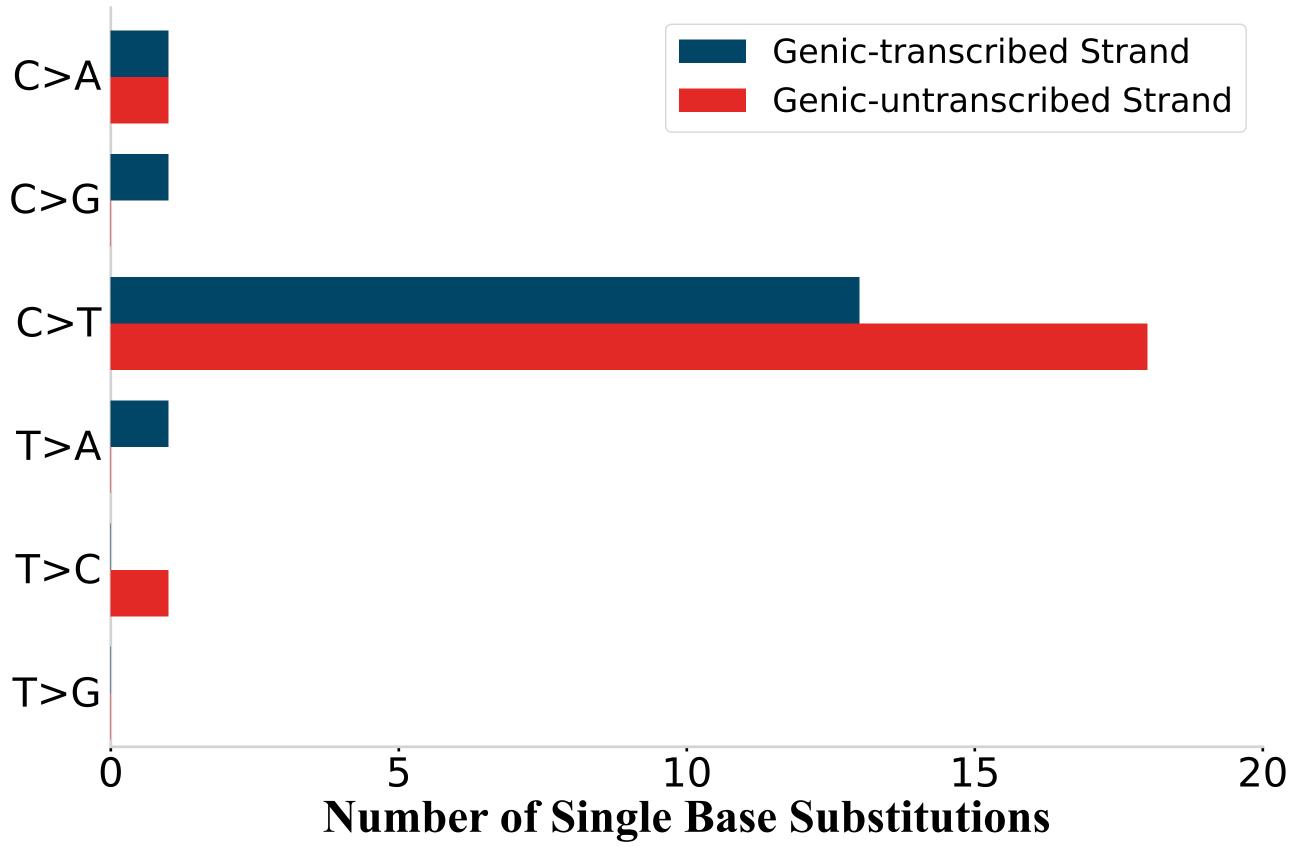
P-0017966-T01-IM6: 19 transcribed subs



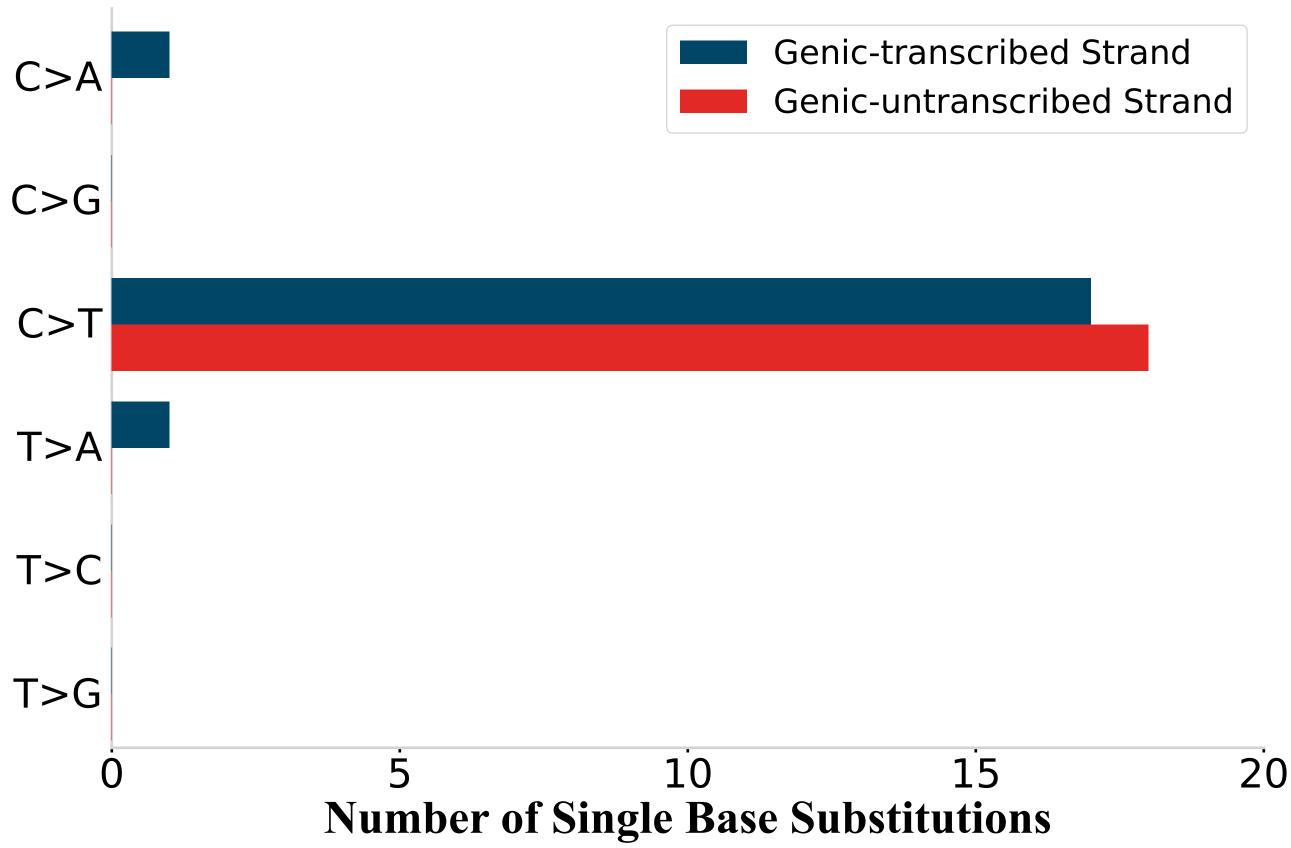
P-0018031-T01-IM6: 14 transcribed subs



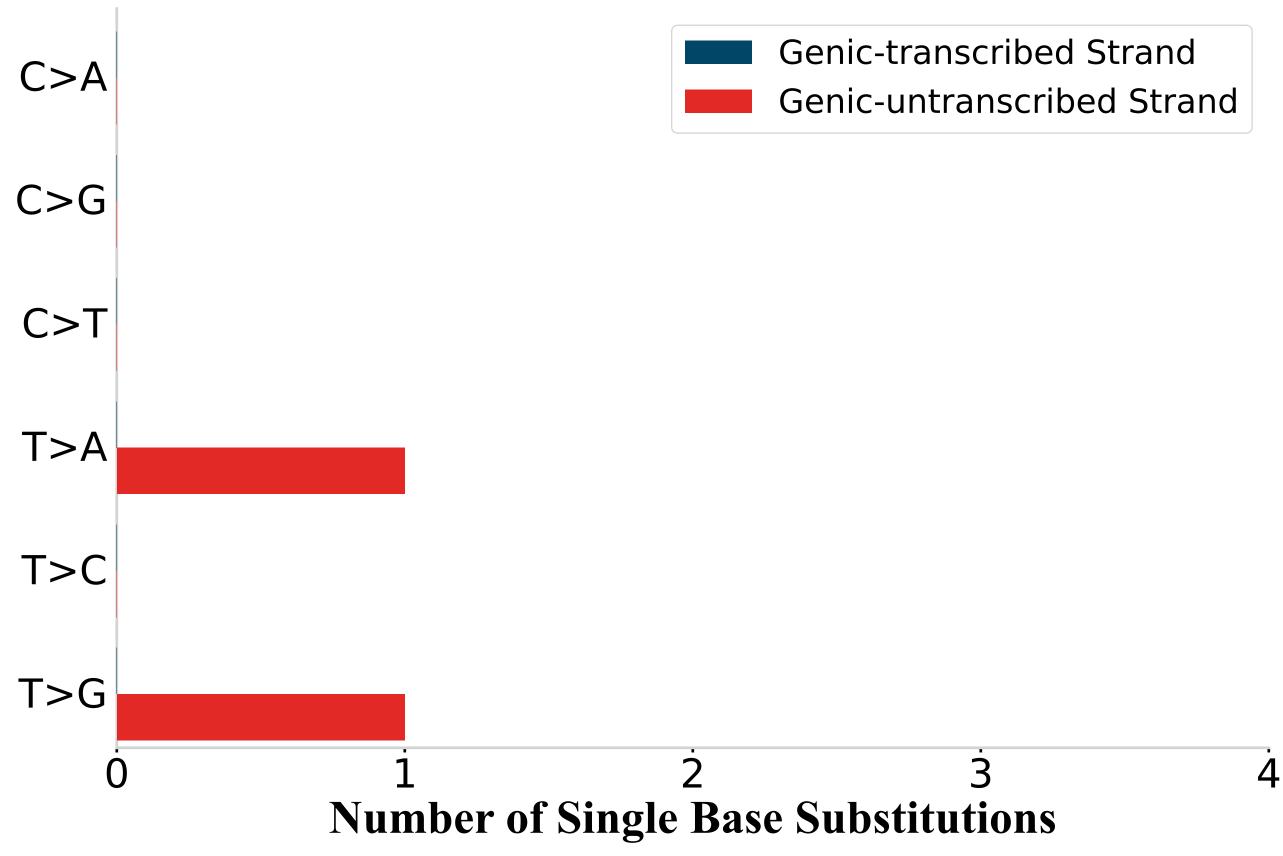
P-0018042-T01-IM6: 36 transcribed subs



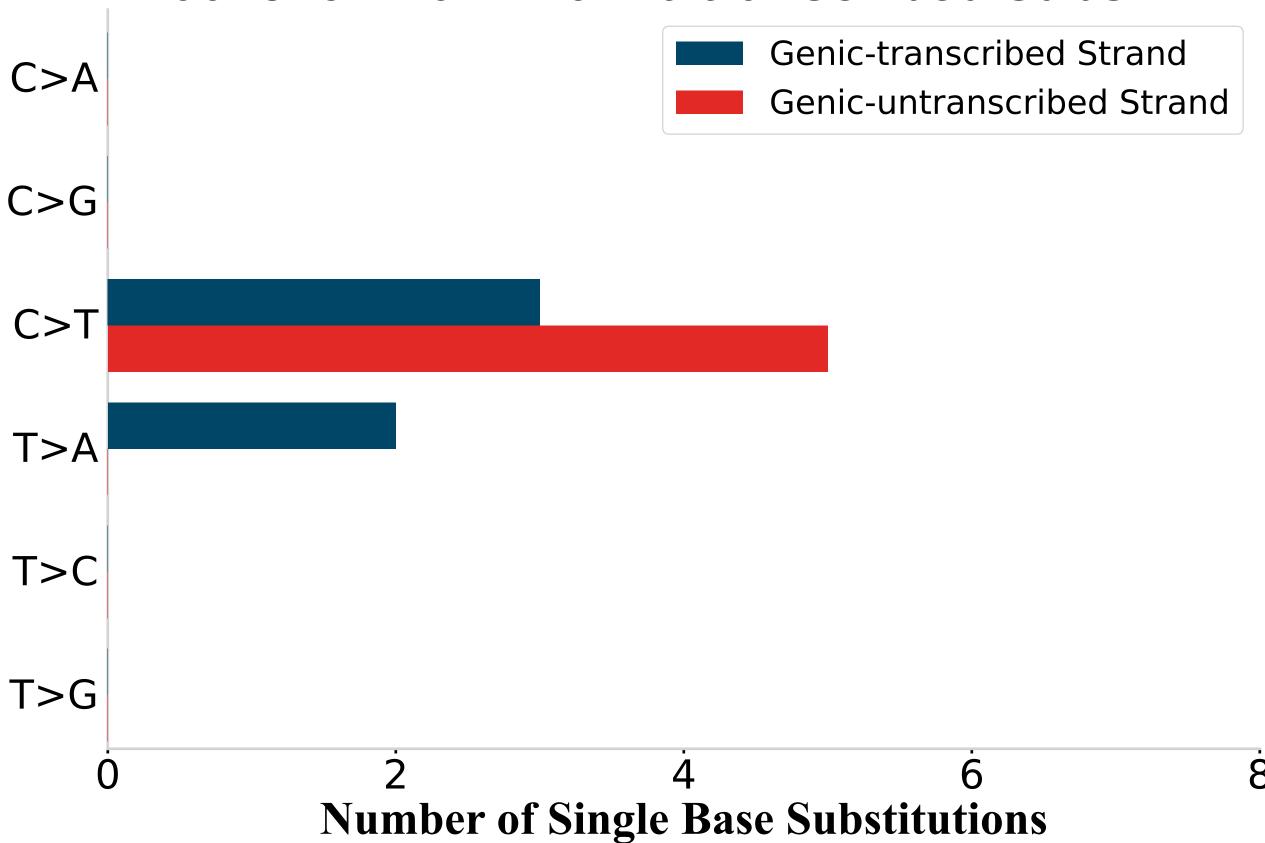
P-0018059-T01-IM6: 37 transcribed subs



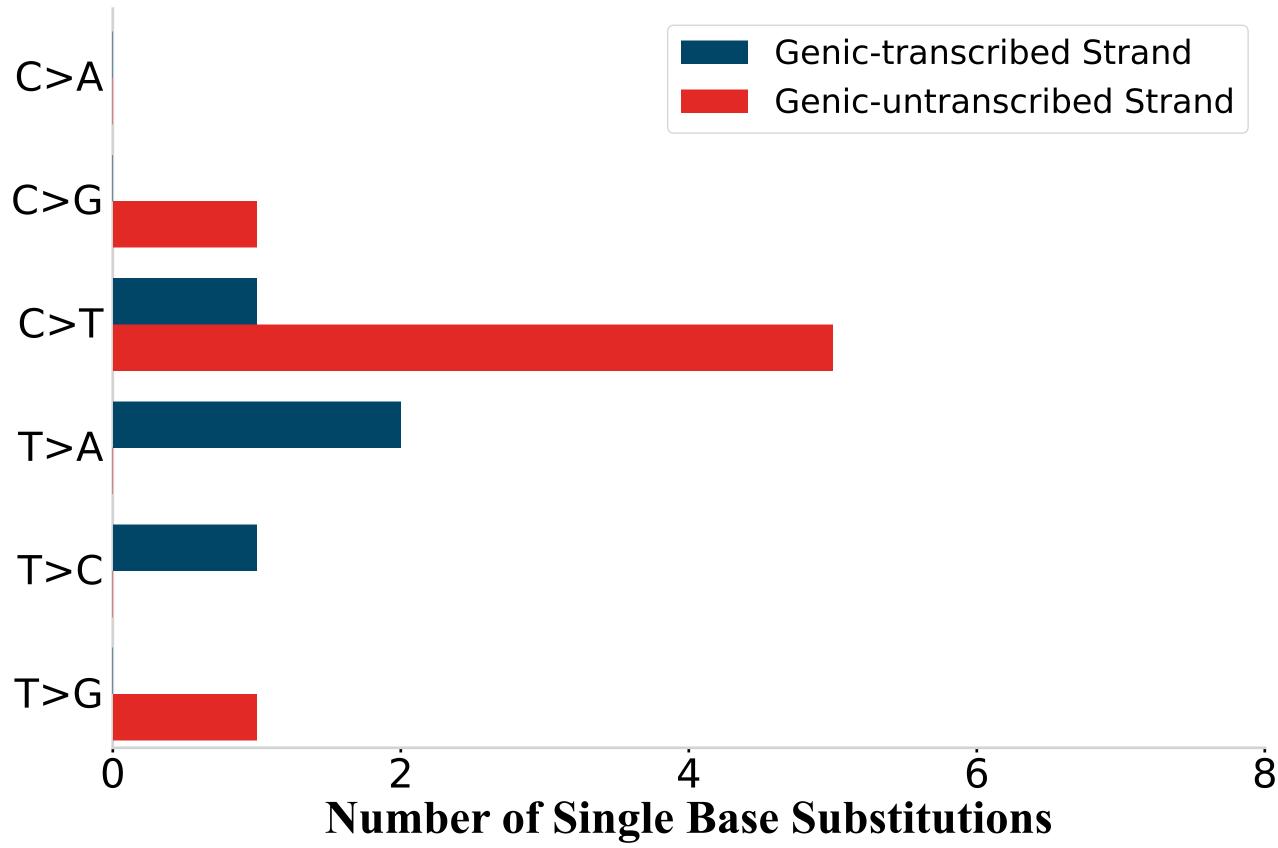
P-0018102-T01-IM6: 2 transcribed subs



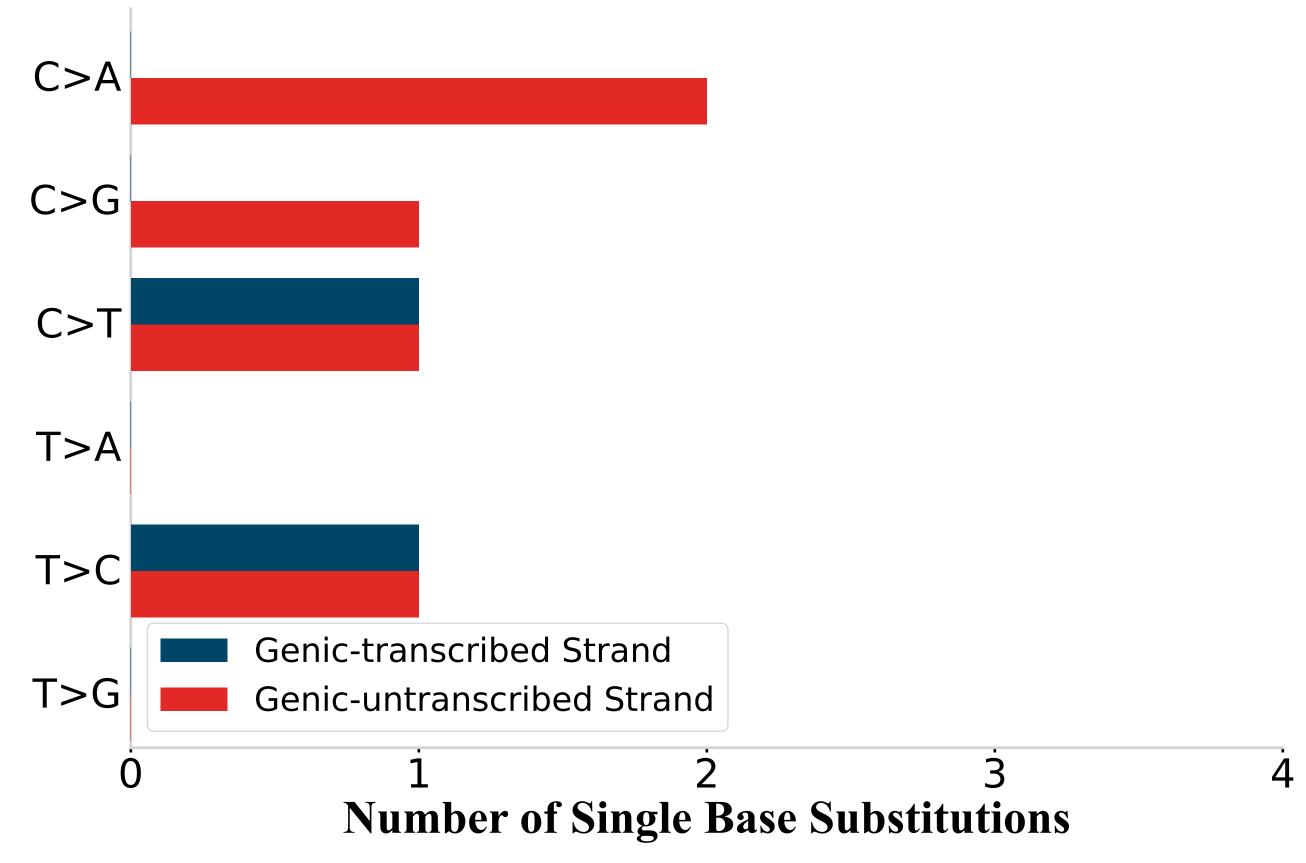
P-0018132-T01-IM6: 10 transcribed subs



P-0018233-T01-IM6: 11 transcribed subs



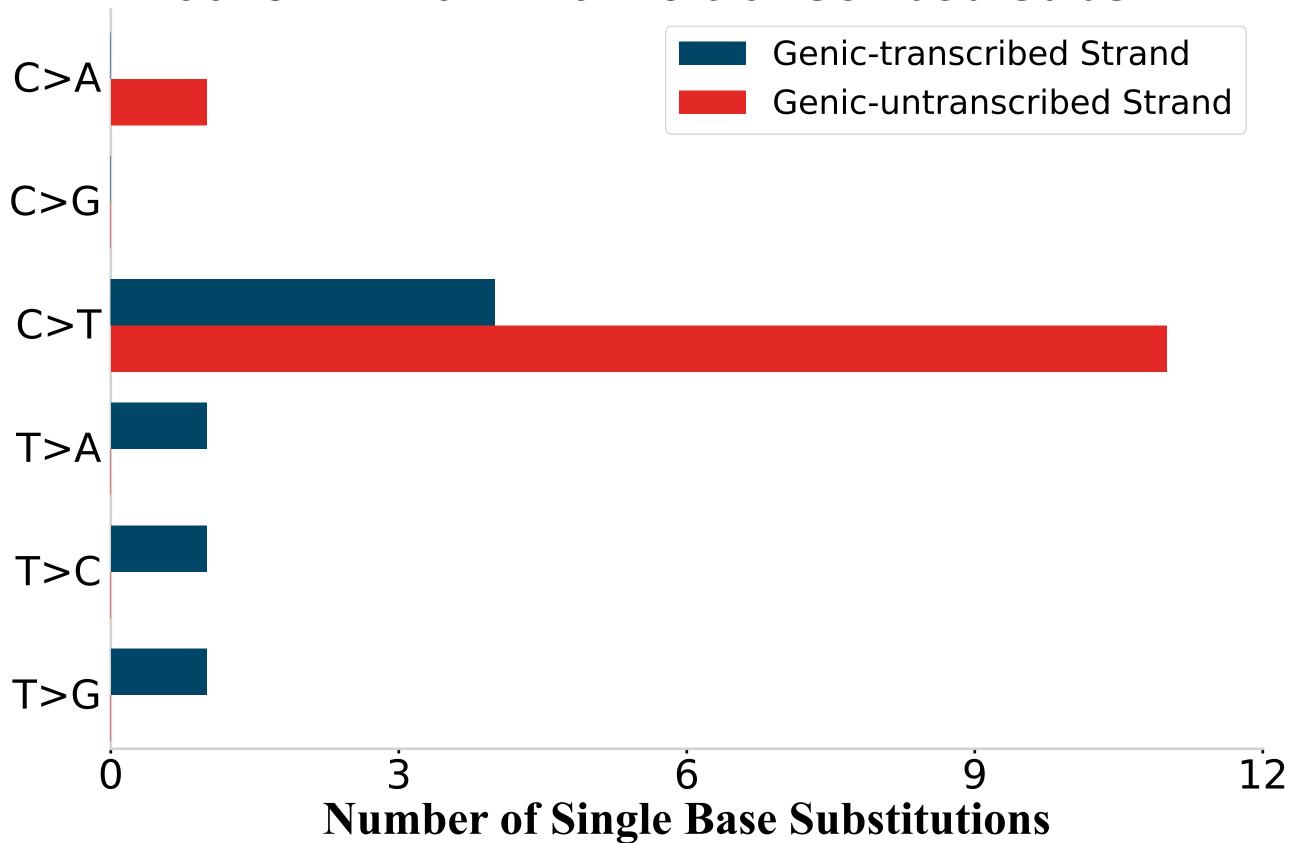
P-0018304-T01-IM6: 7 transcribed subs



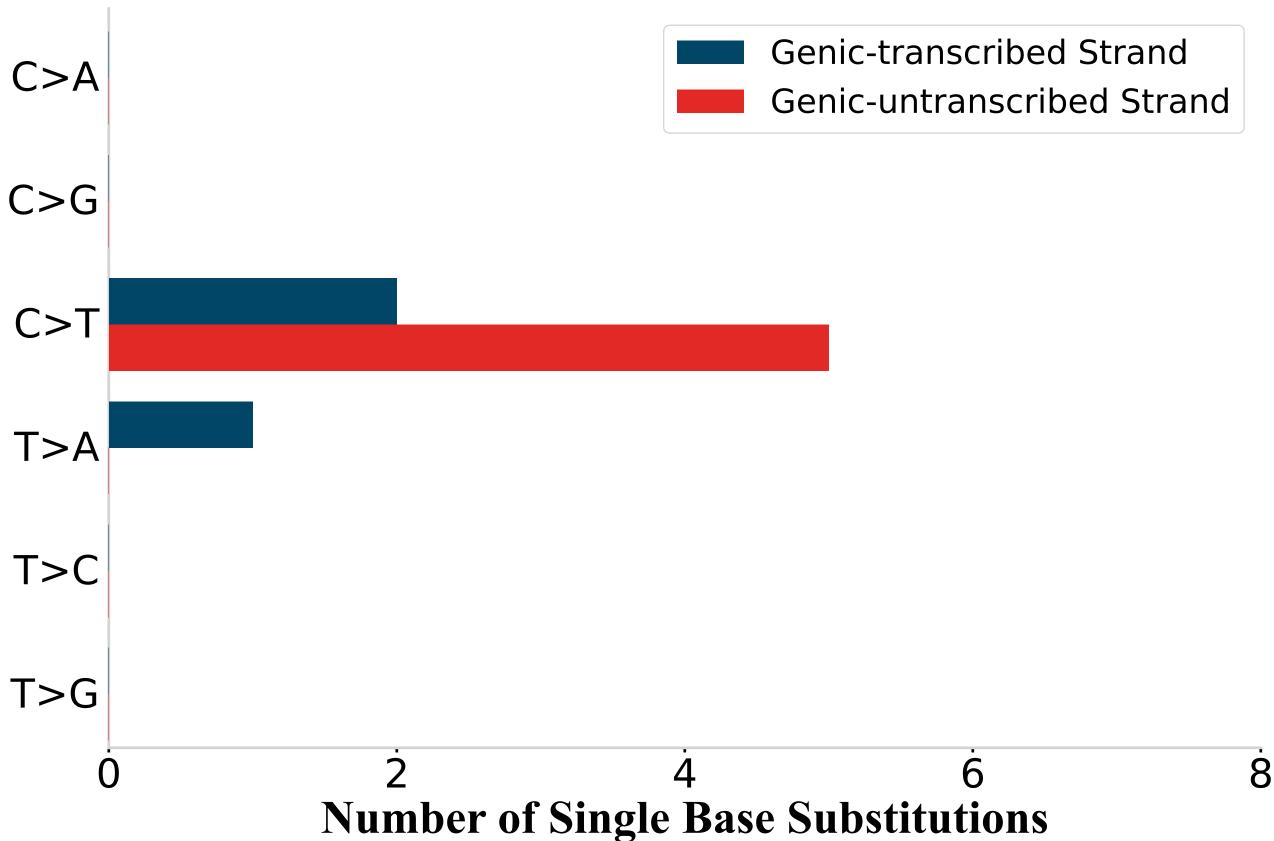
P-0018422-T01-IM6: 1 transcribed subs



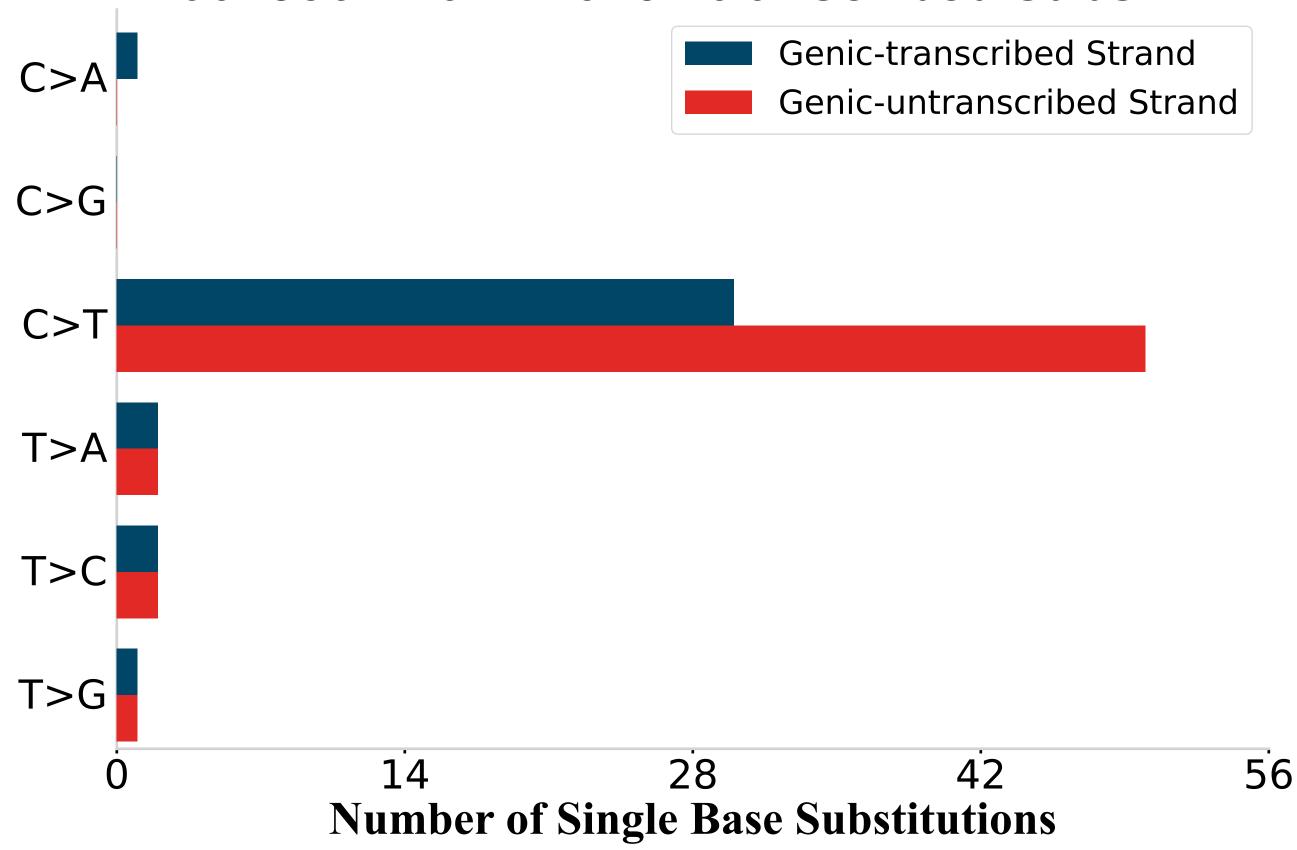
P-0018444-T01-IM6: 19 transcribed subs



P-0018466-T01-IM6: 8 transcribed subs

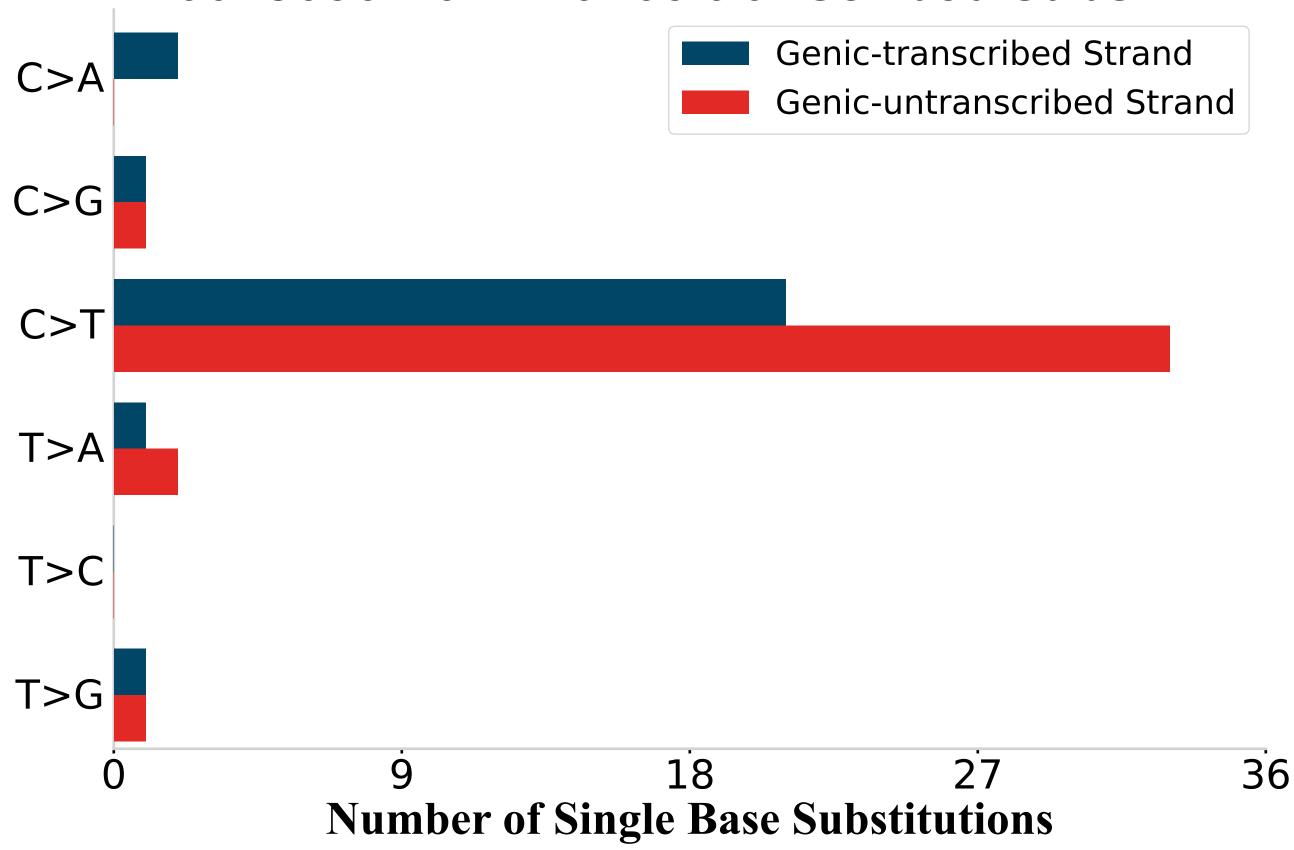


P-0018561-T01-IM6: 91 transcribed subs

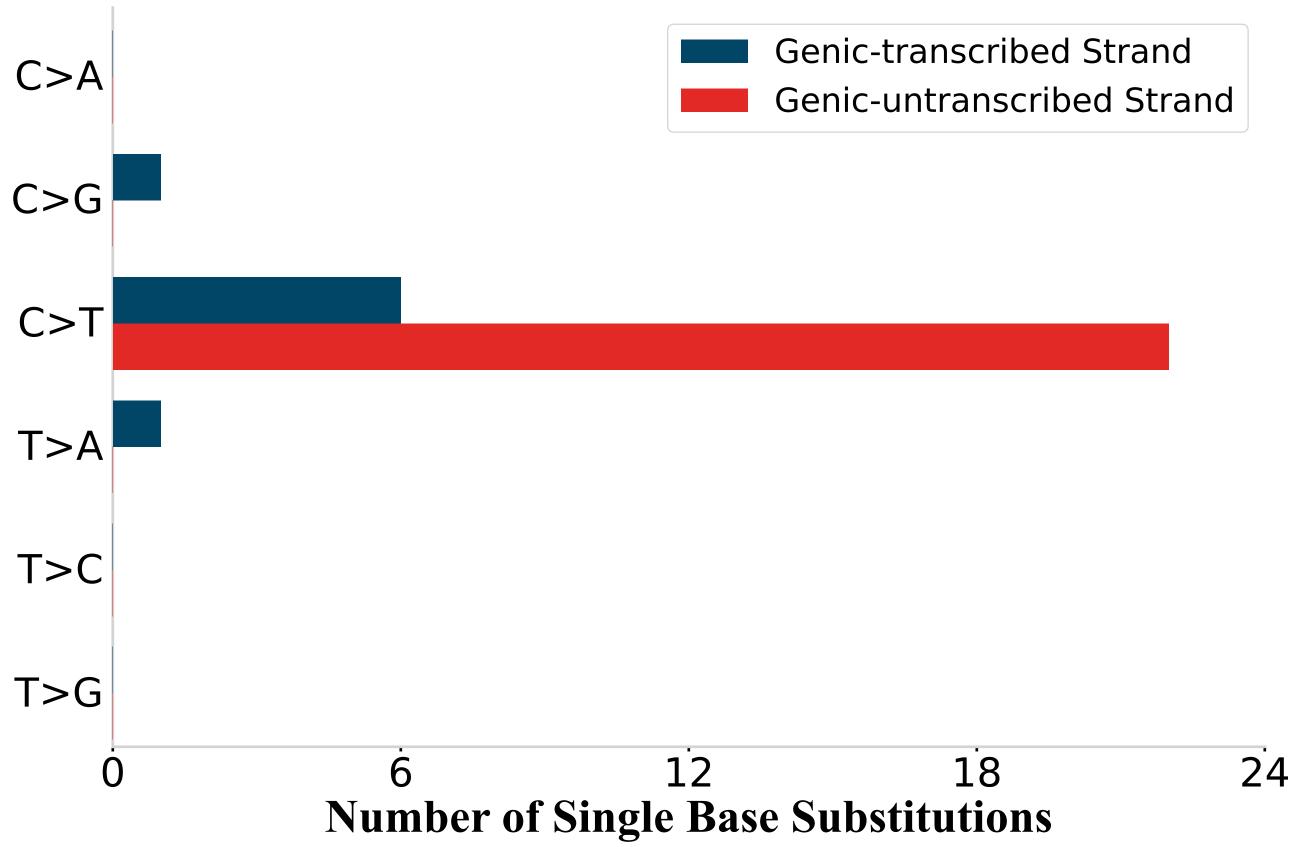


P-0018600-T01-IM6: 81 transcribed subs Genic-transcribed Strand C>A Genic-untranscribed Strand C>G C>T T>A T>C T>G 10 20 30 40 **Number of Single Base Substitutions**

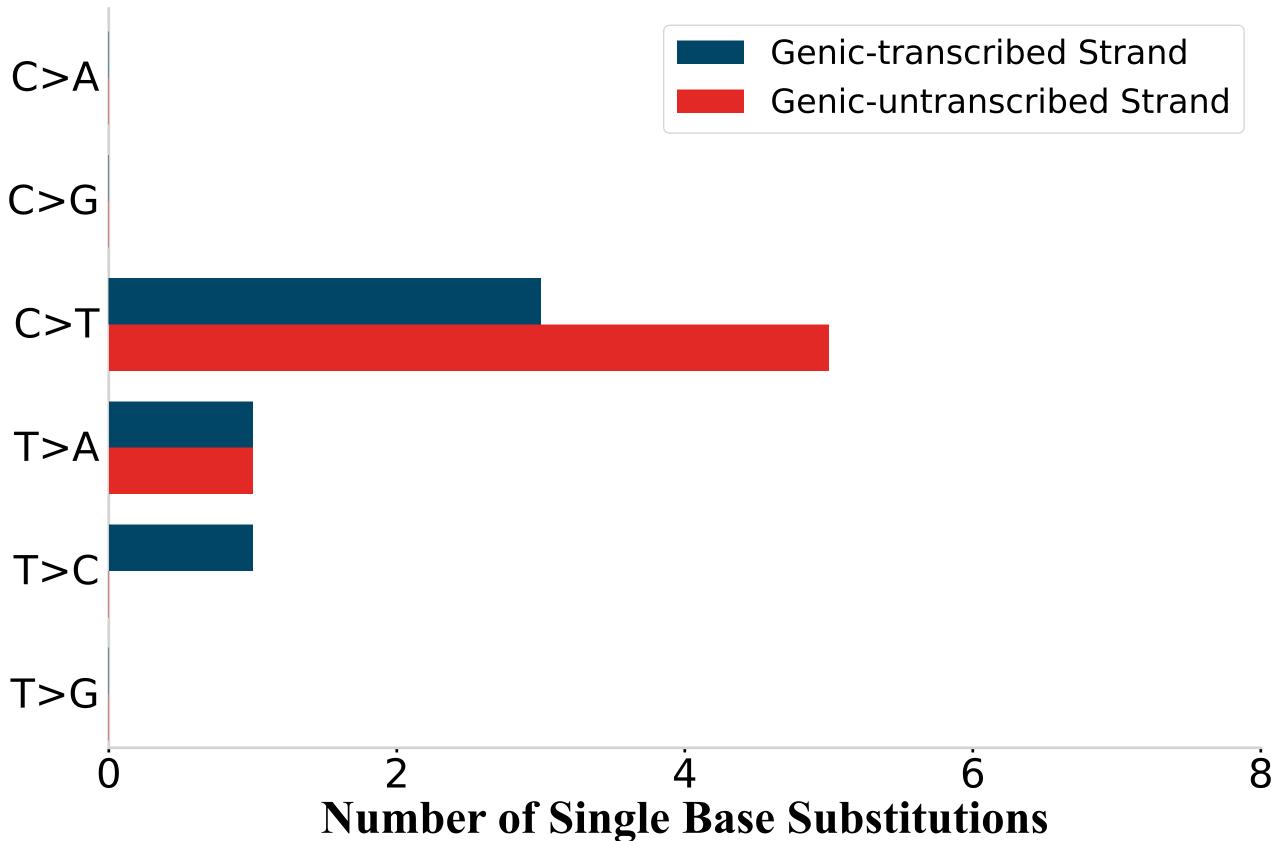
P-0018656-T01-IM6: 63 transcribed subs



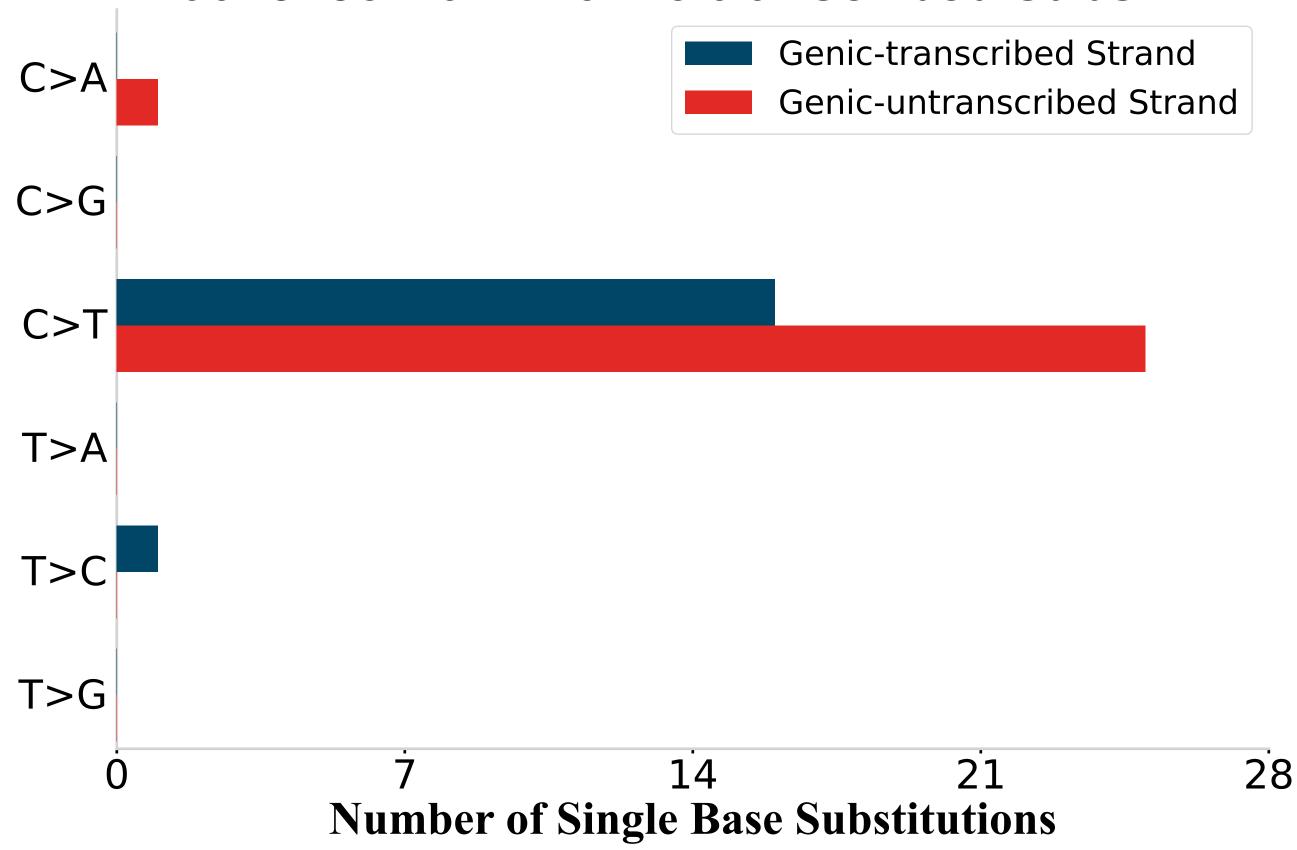
P-0018679-T01-IM6: 30 transcribed subs



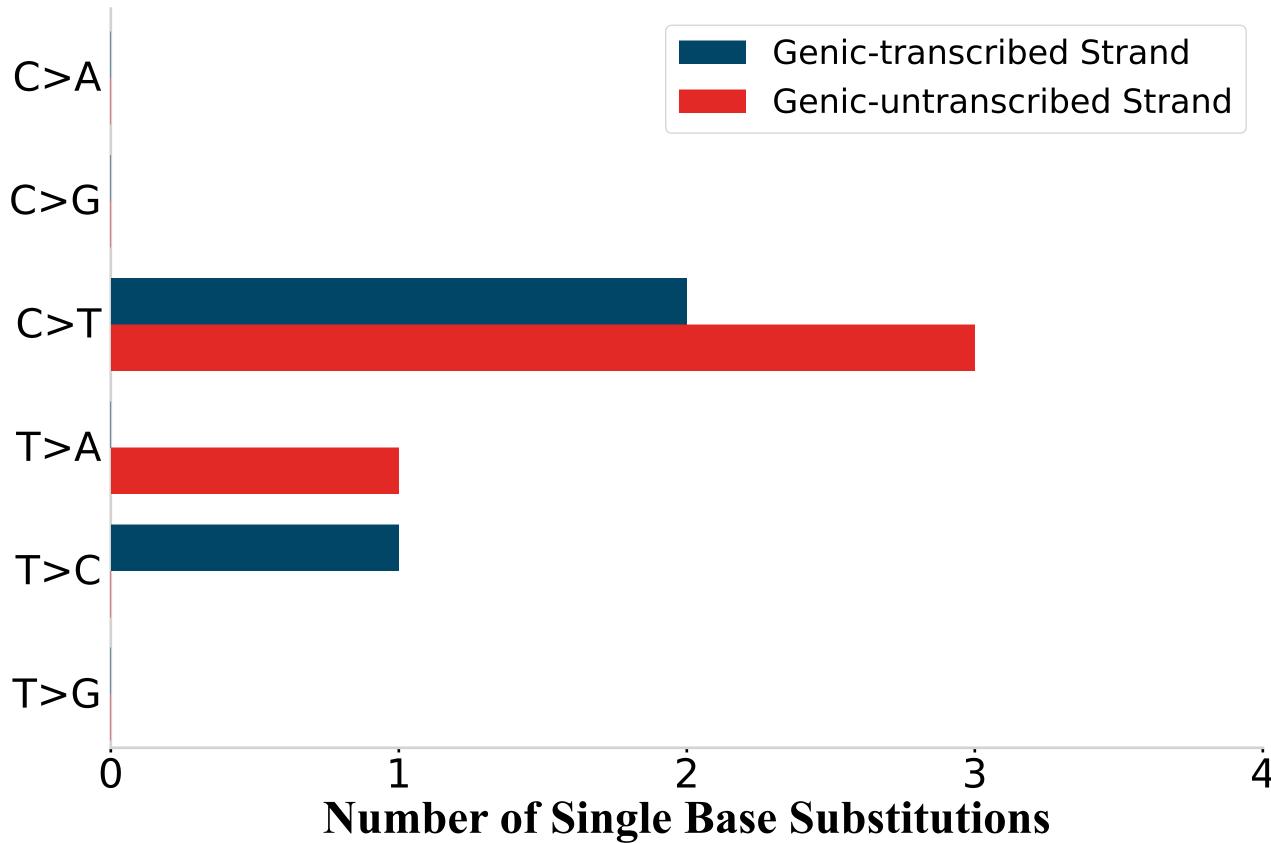
P-0018759-T01-IM6: 11 transcribed subs



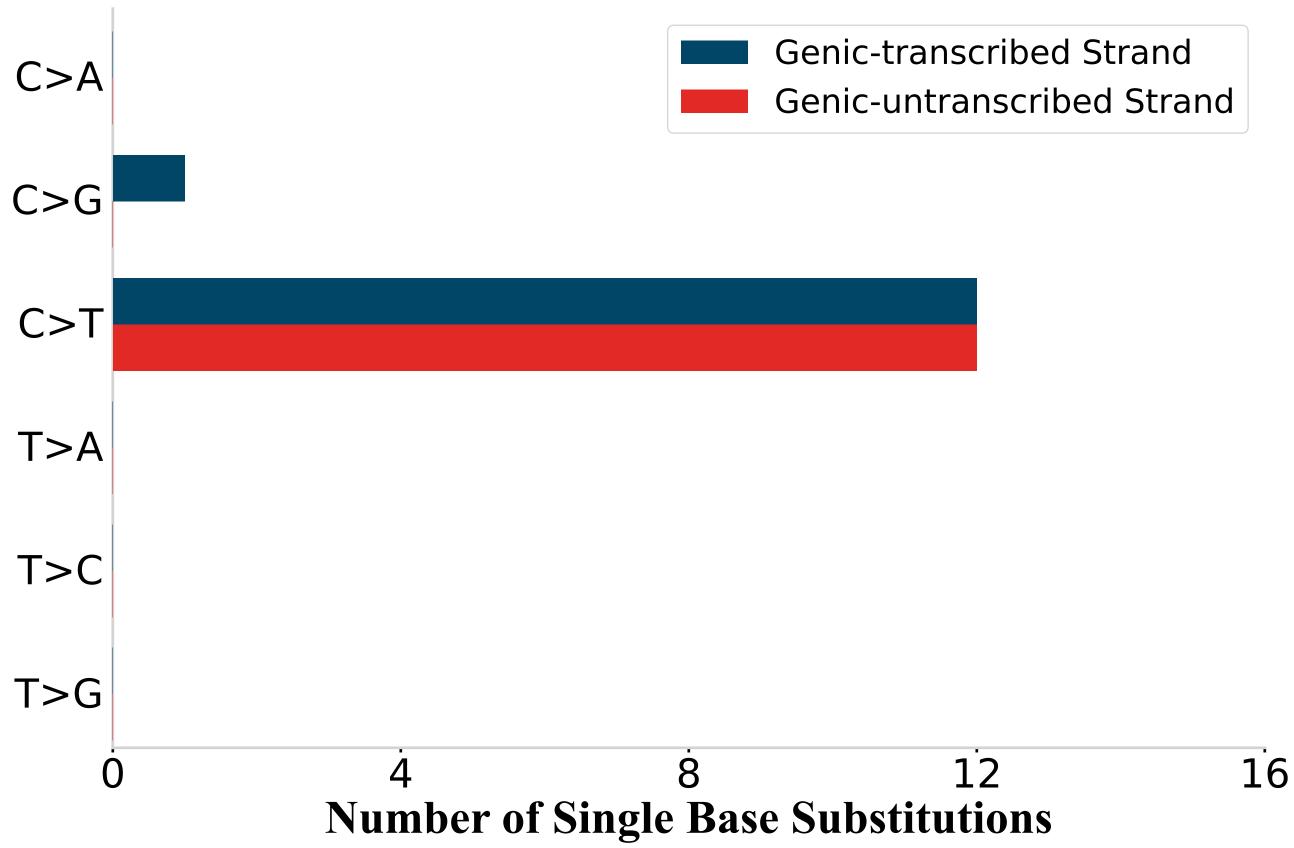
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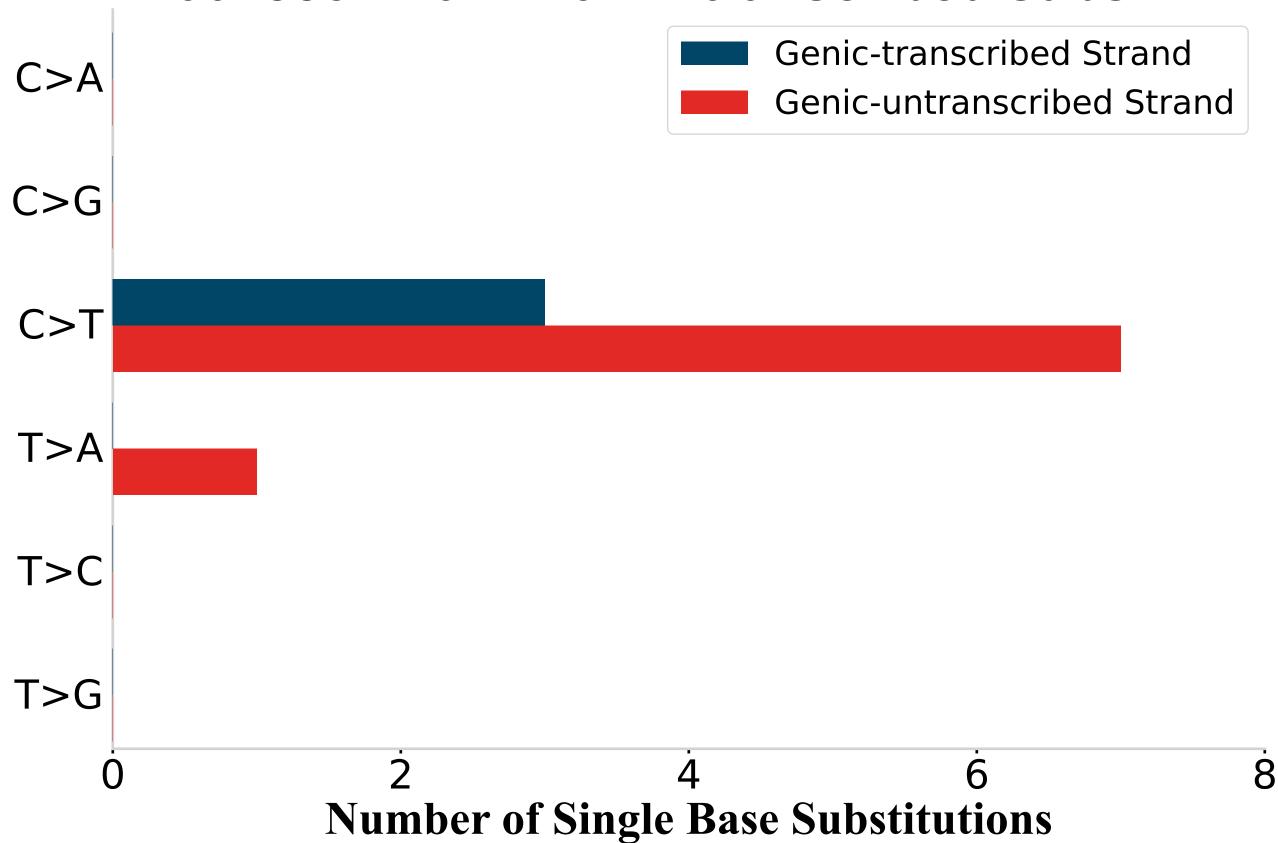
P-0018819-T01-IM6: 7 transcribed subs



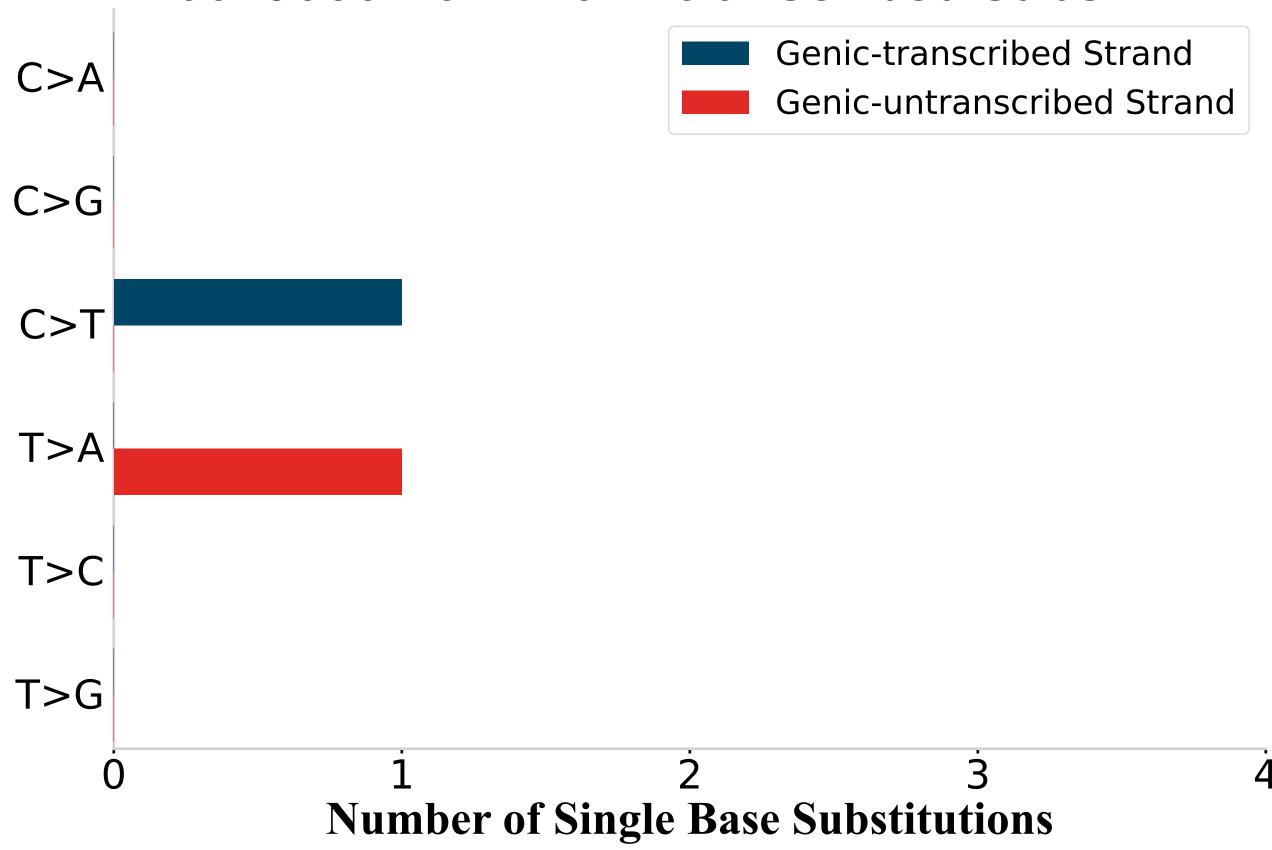
P-0018843-T01-IM6: 25 transcribed subs



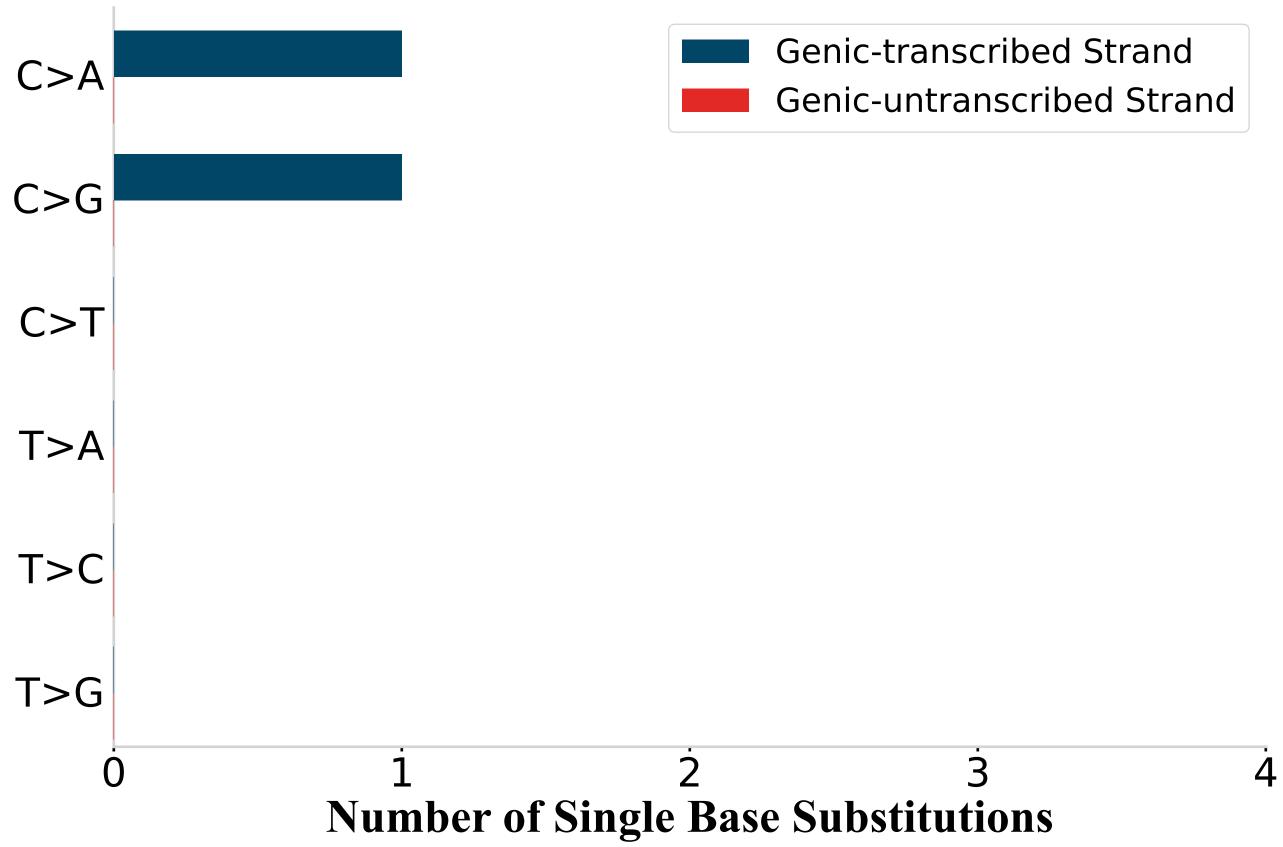
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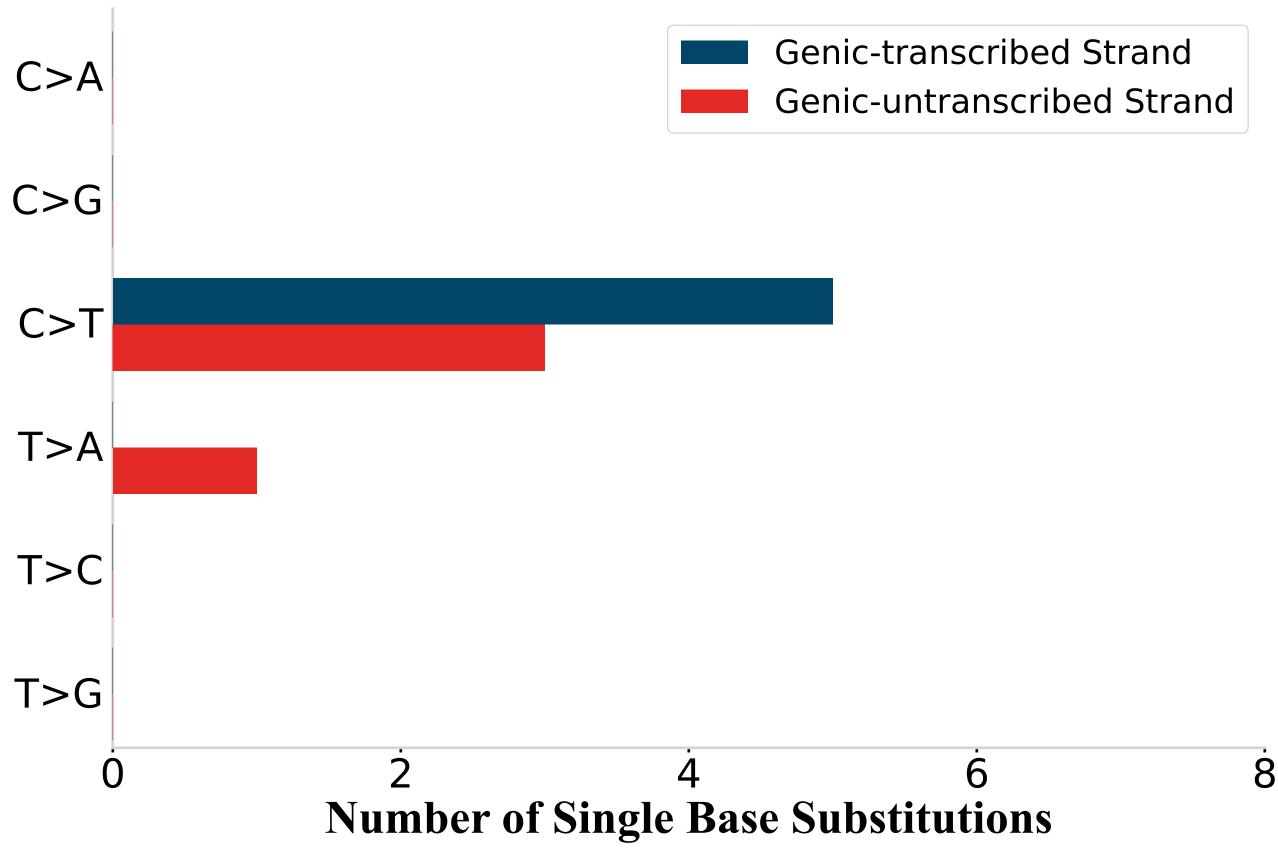
P-0019066-T01-IM6: 2 transcribed subs



P-0019137-T01-IM6: 2 transcribed subs

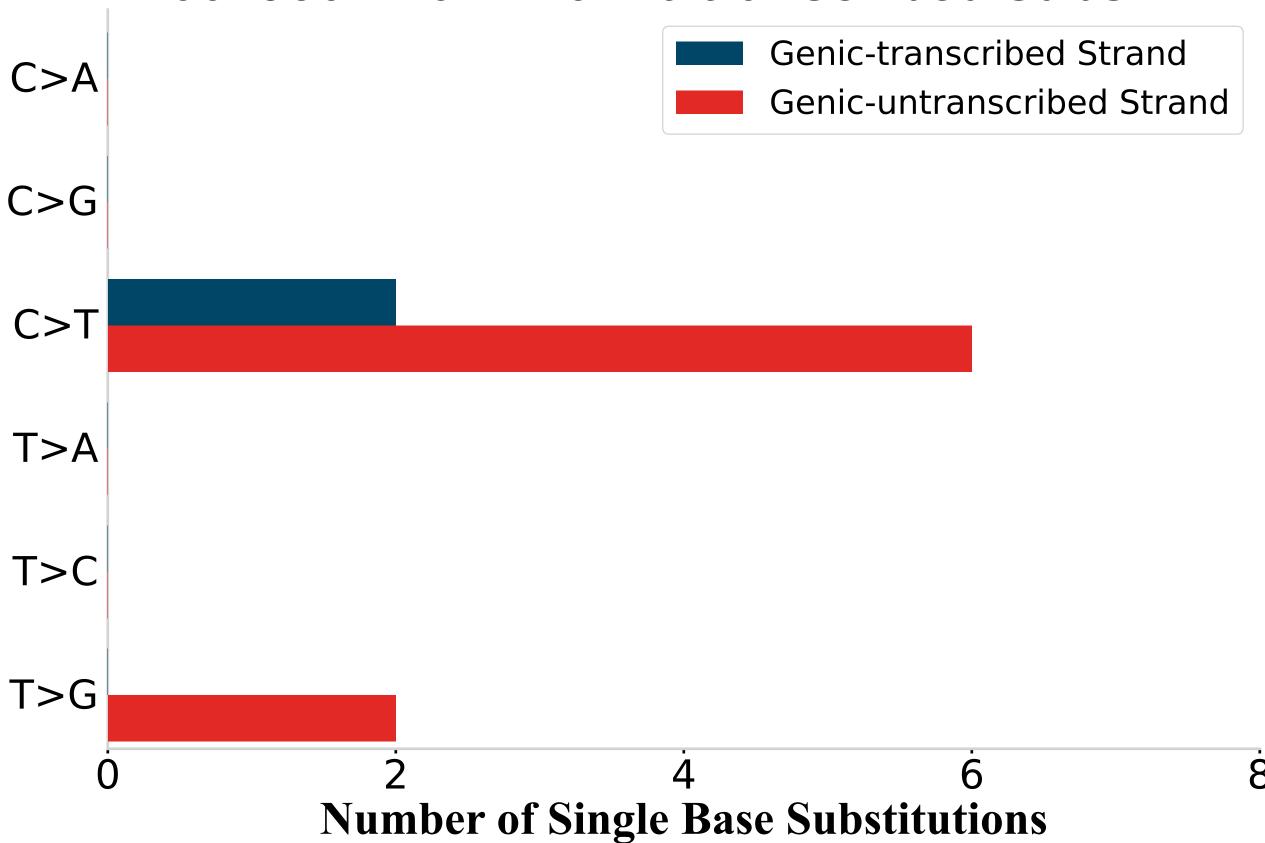


P-0019239-T01-IM6: 9 transcribed subs

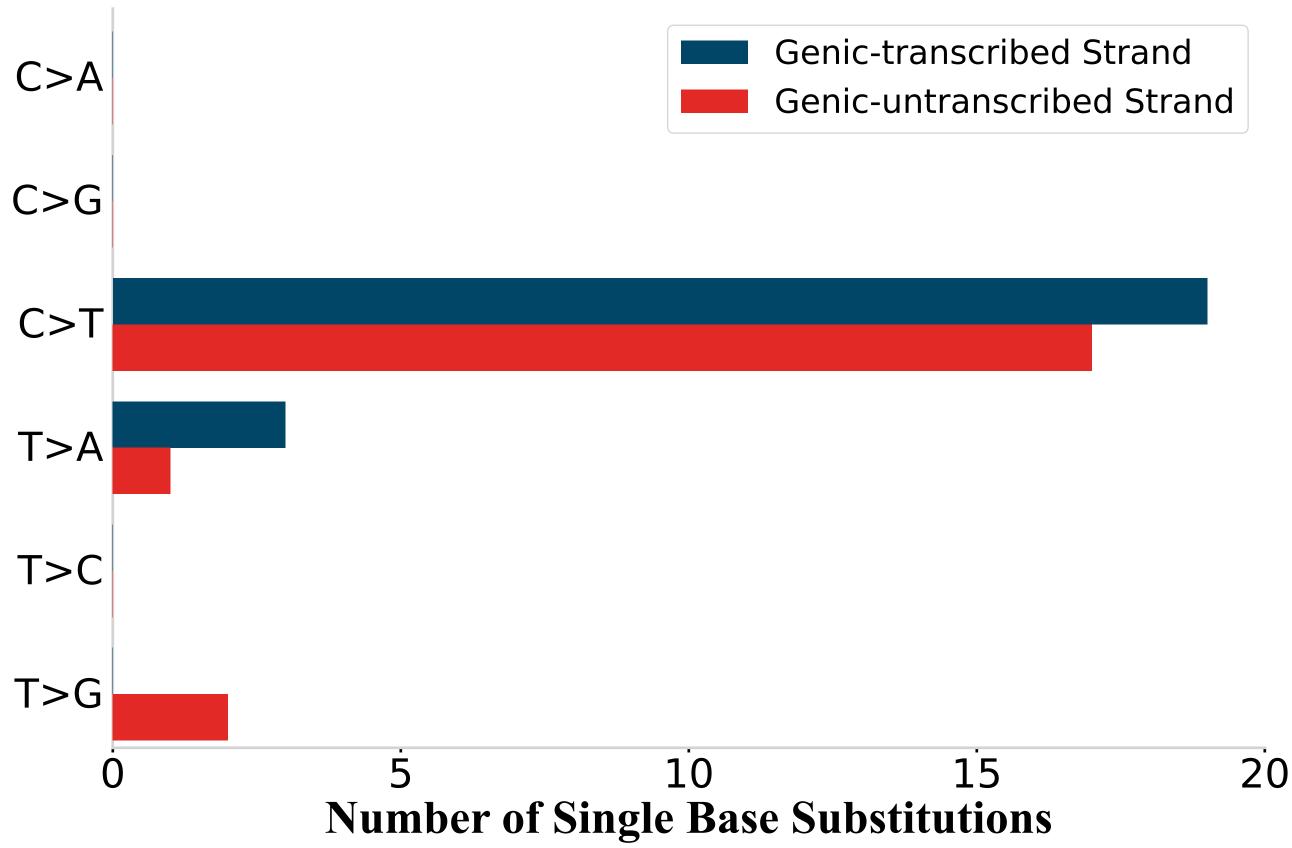


P-0019263-T01-IM6: 203 transcribed subs Genic-transcribed Strand Genic-untranscribed Strand C>T T>AT>G 33 99 66 132 **Number of Single Base Substitutions**

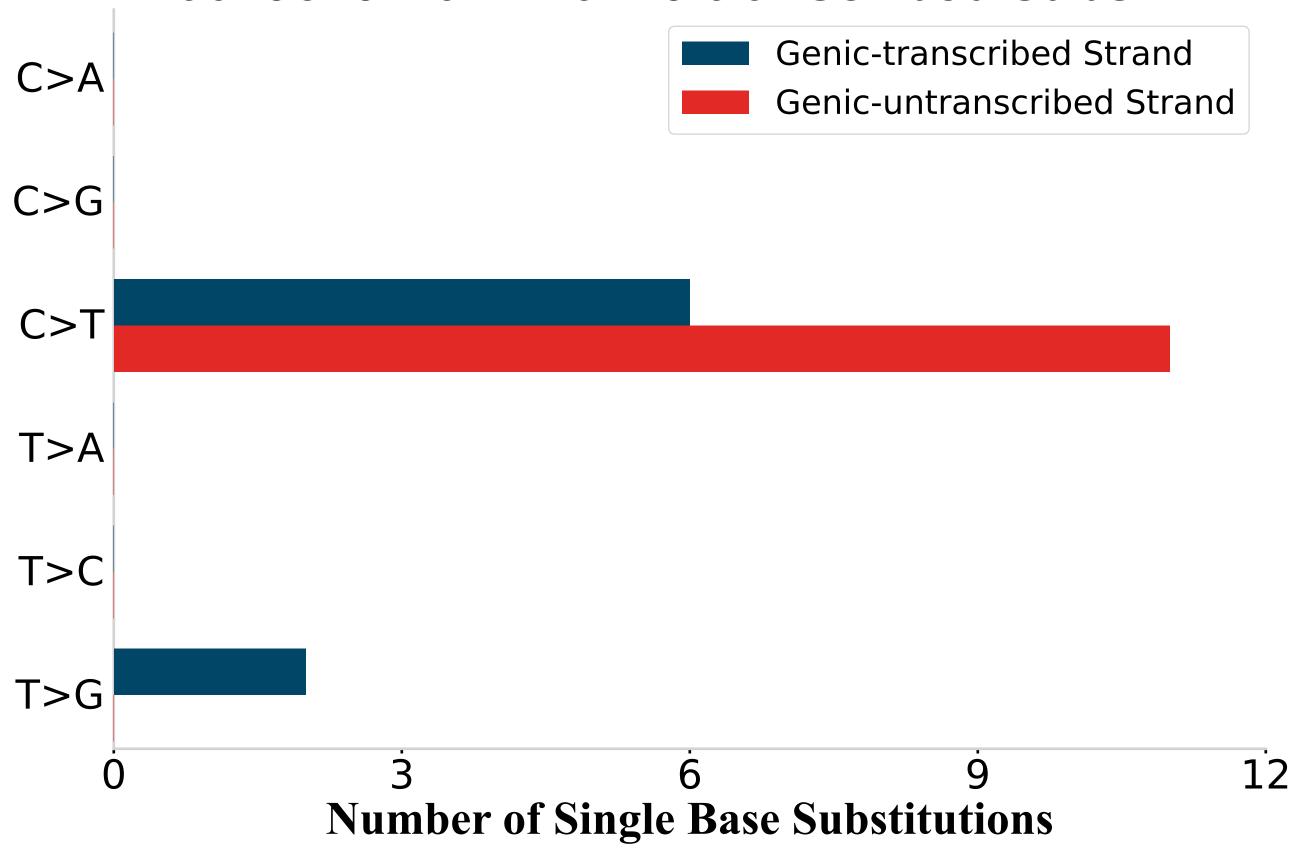
P-0019302-T01-IM6: 10 transcribed subs



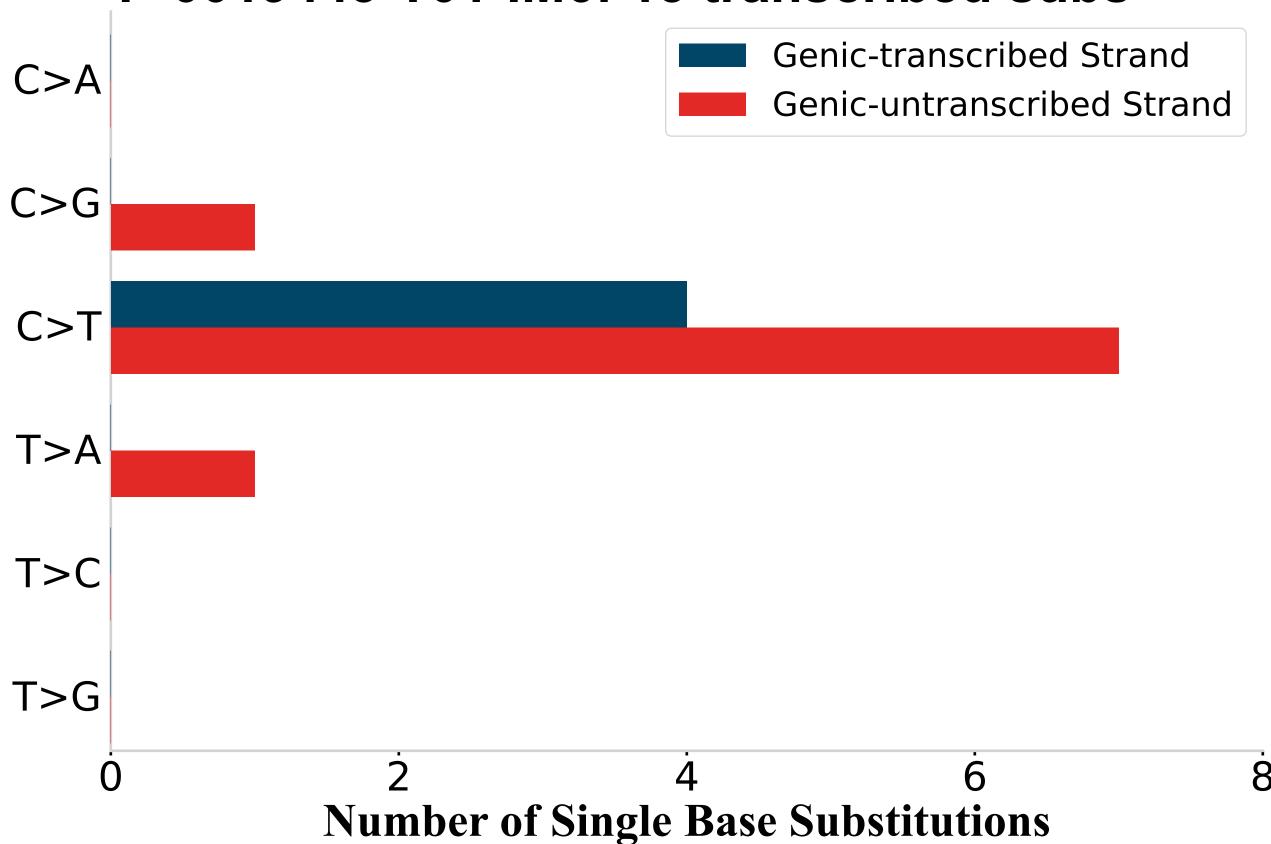
P-0019333-T01-IM6: 42 transcribed subs



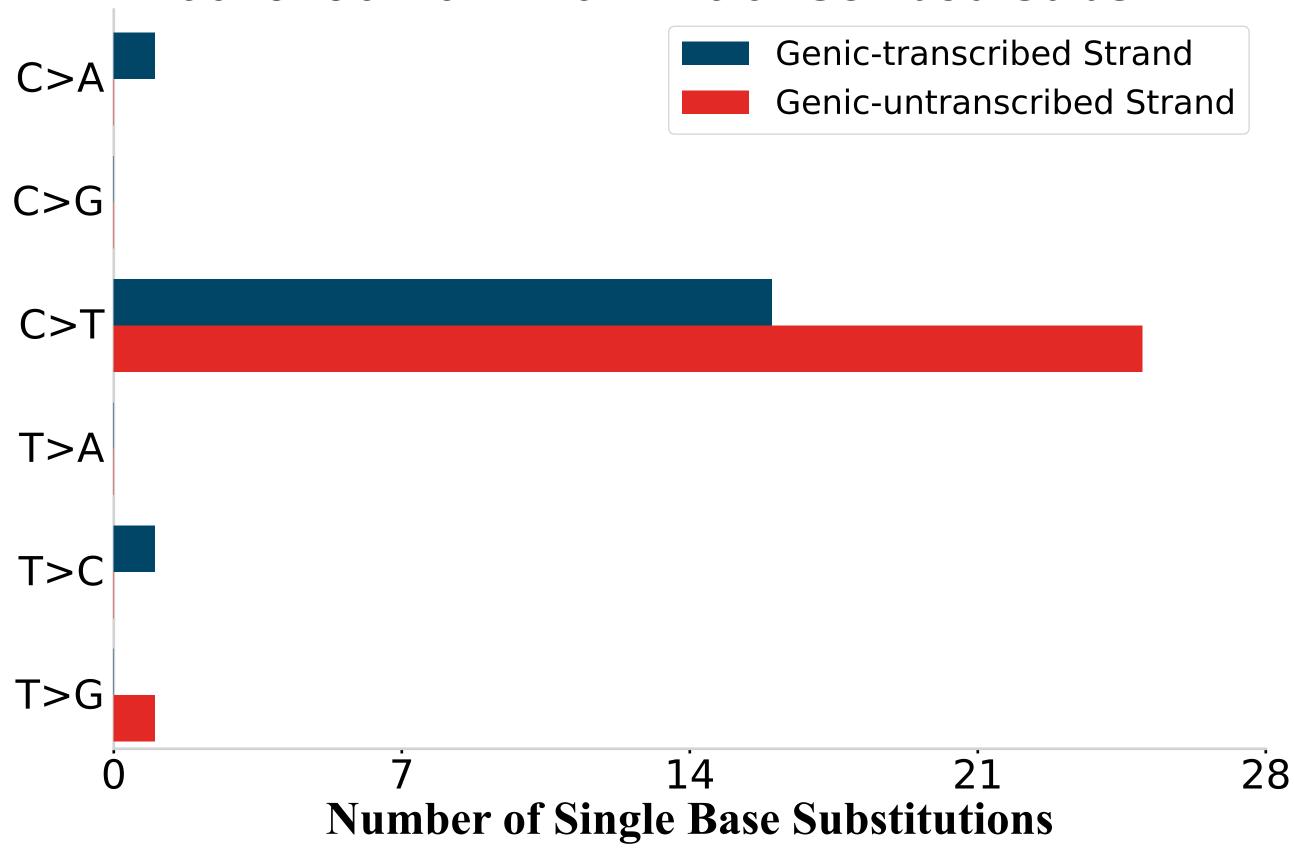
P-0019379-T01-IM6: 19 transcribed subs



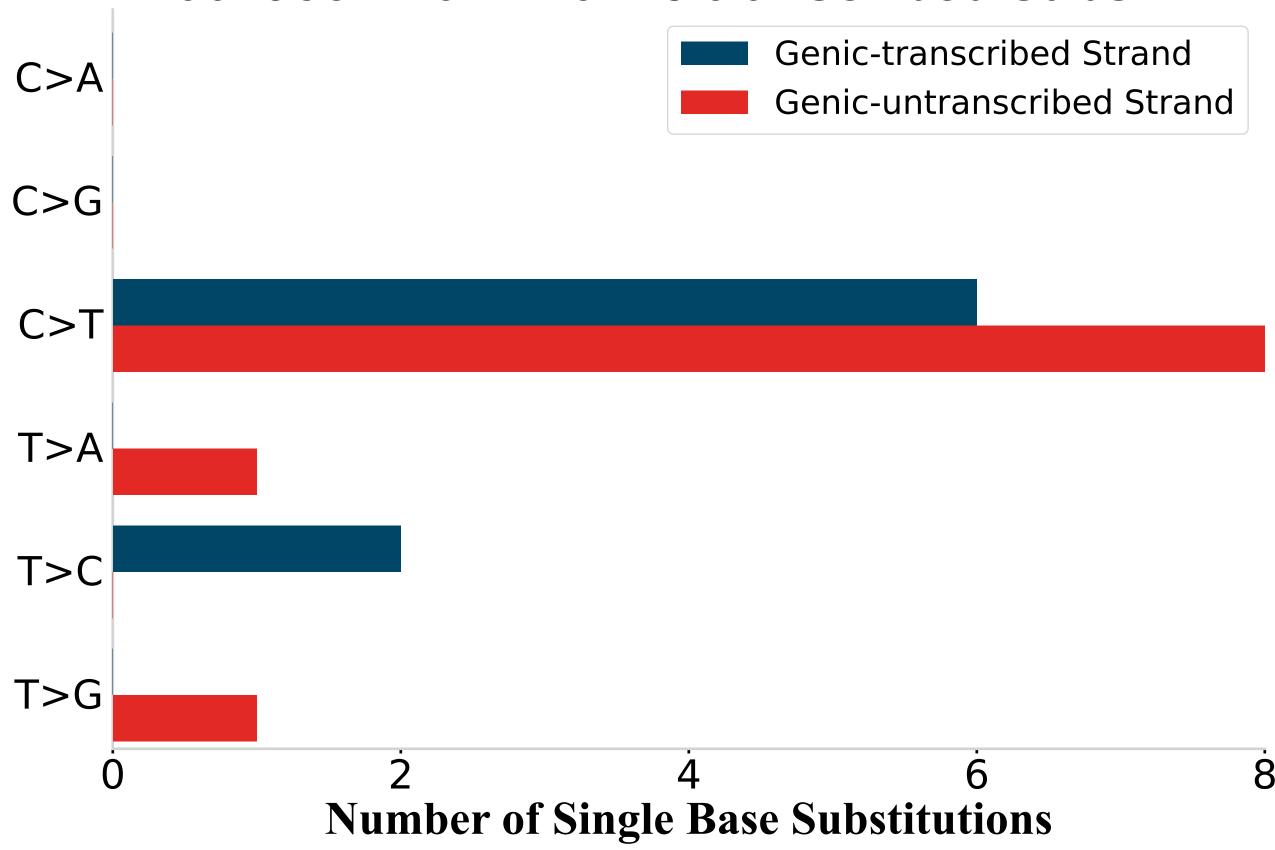
P-0019443-T01-IM6: 13 transcribed subs



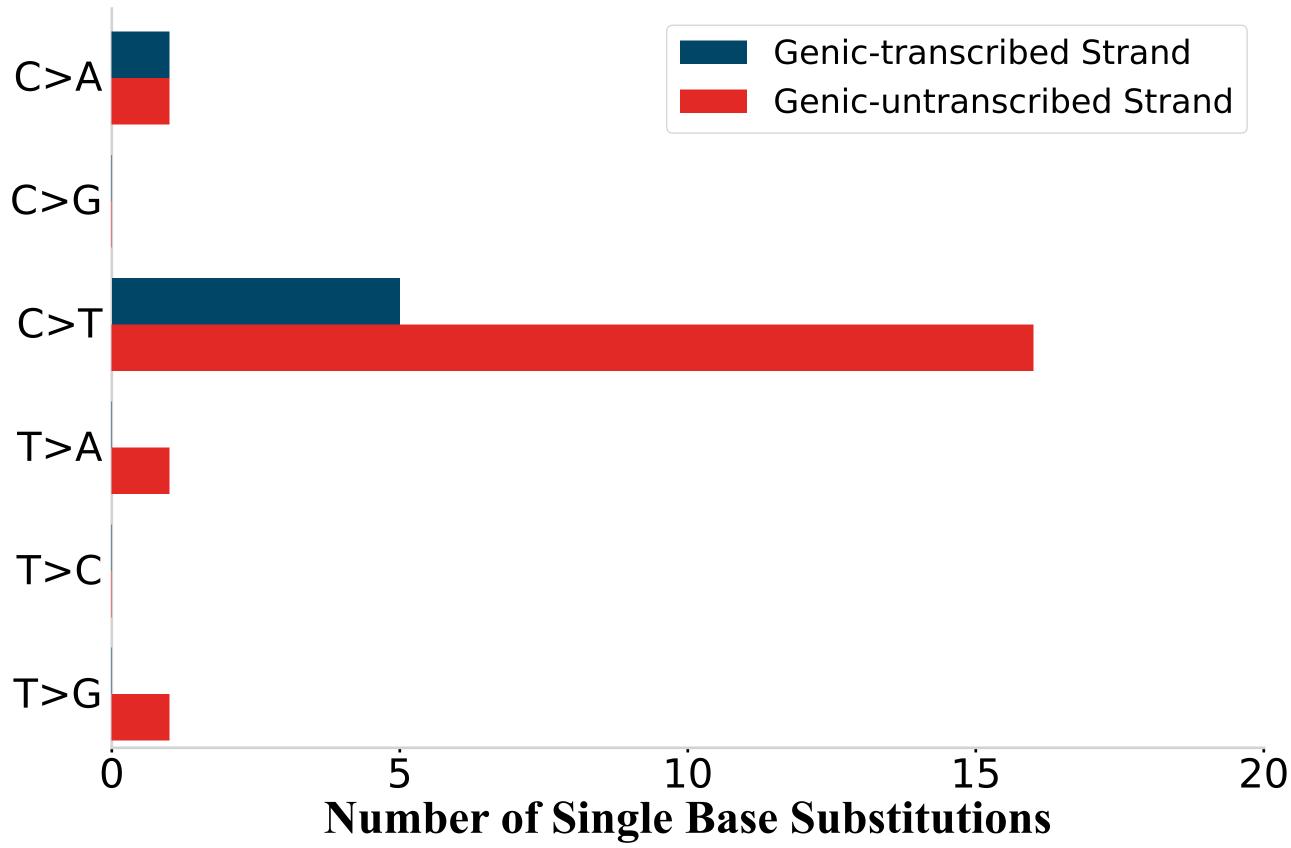
P-0019490-T01-IM6: 44 transcribed subs



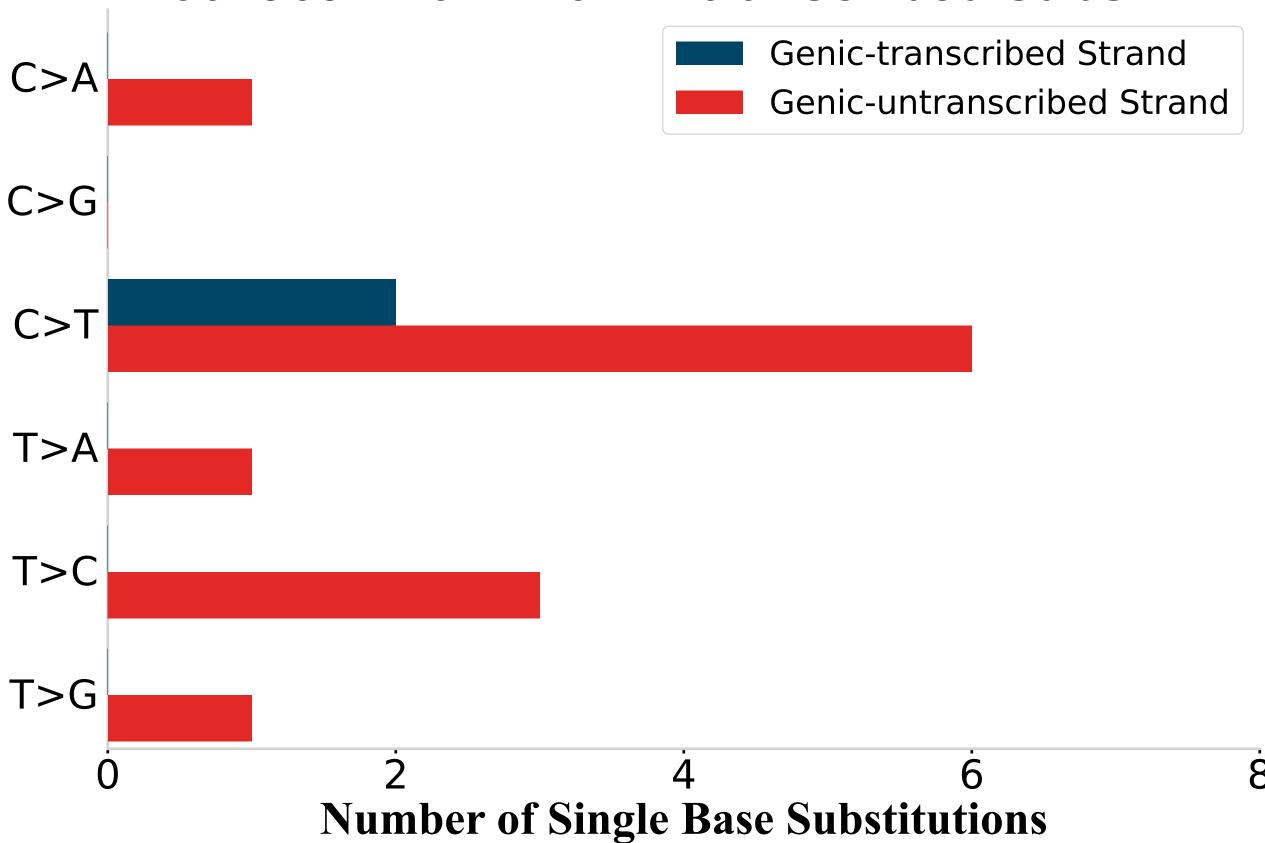
P-0019557-T01-IM6: 18 transcribed subs



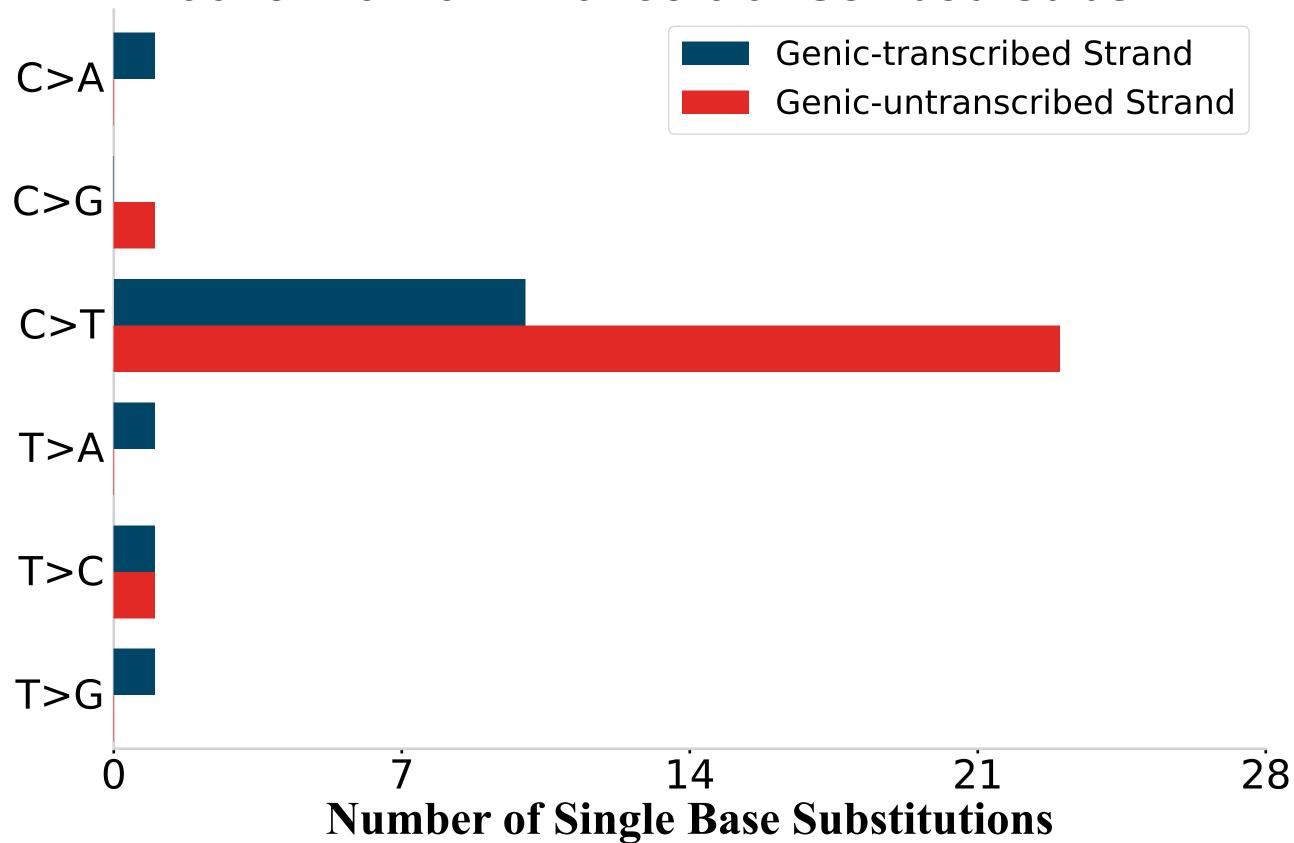
P-0019569-T01-IM6: 25 transcribed subs



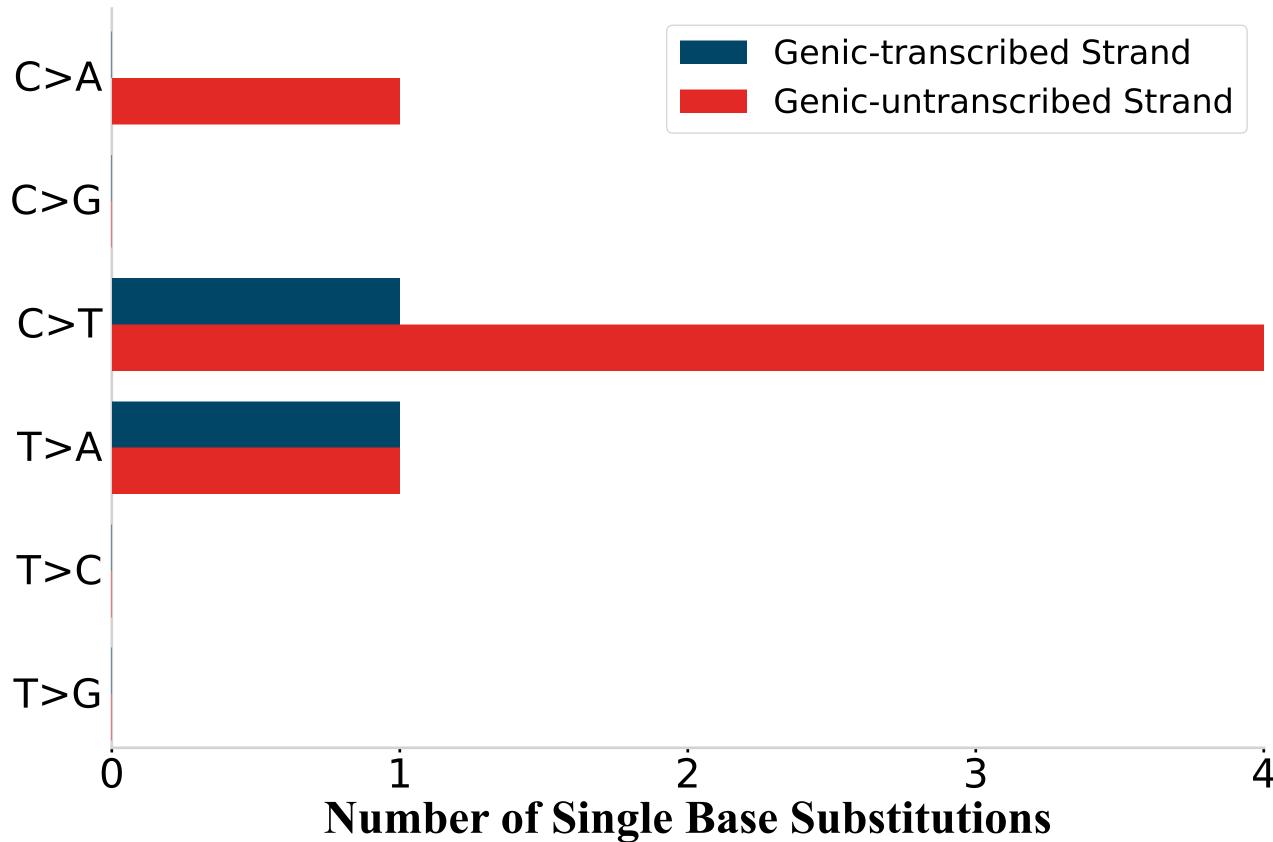
P-0019697-T01-IM6: 14 transcribed subs



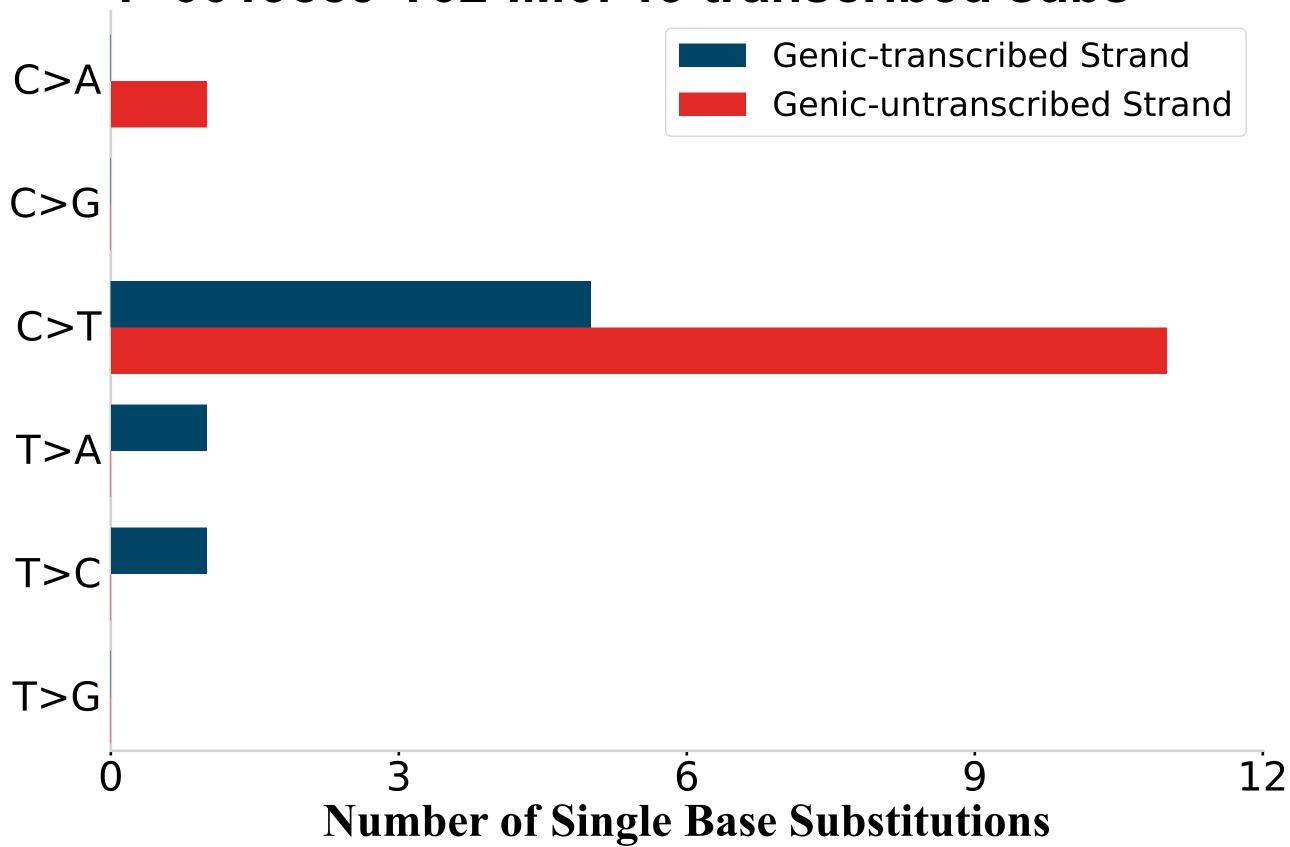
P-0019720-T01-IM6: 39 transcribed subs



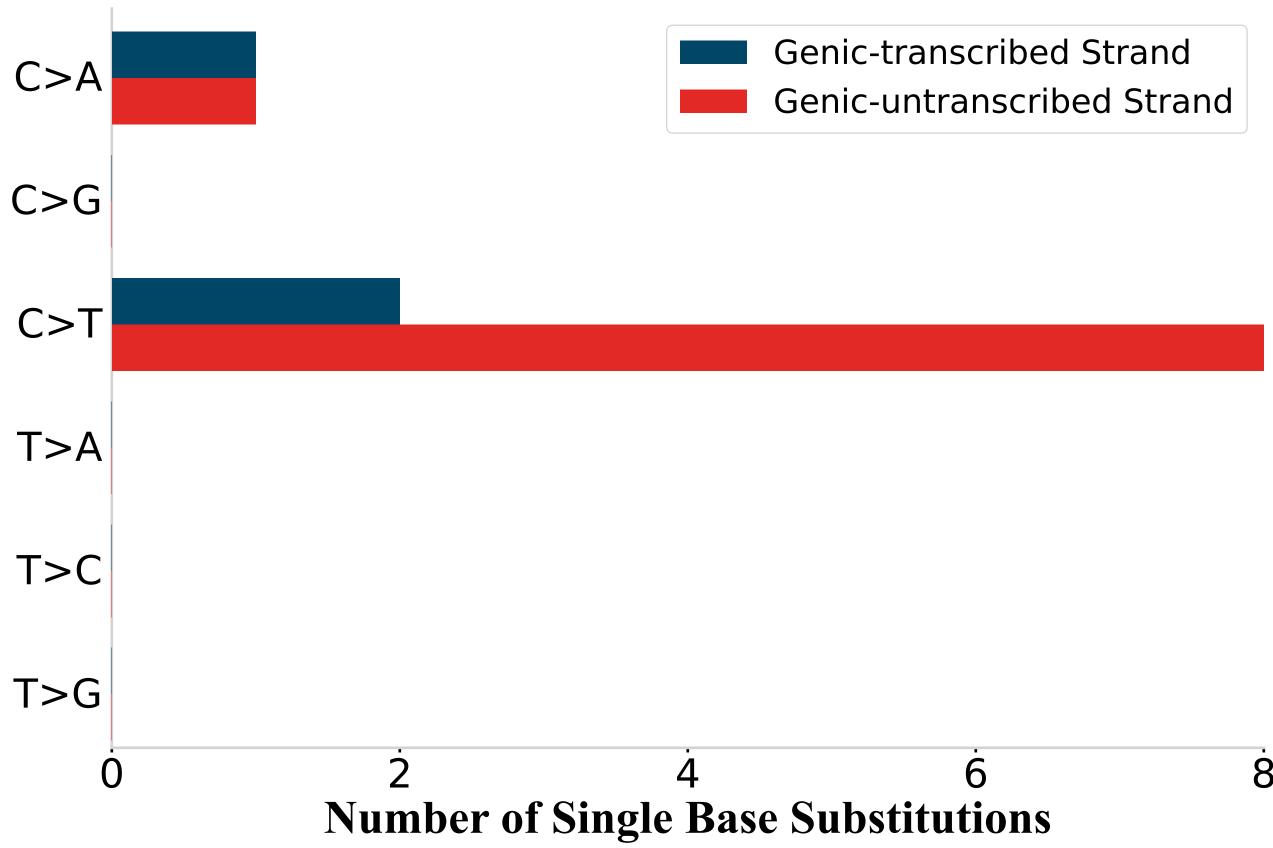
P-0019861-T01-IM6: 8 transcribed subs



P-0019889-T02-IM6: 19 transcribed subs

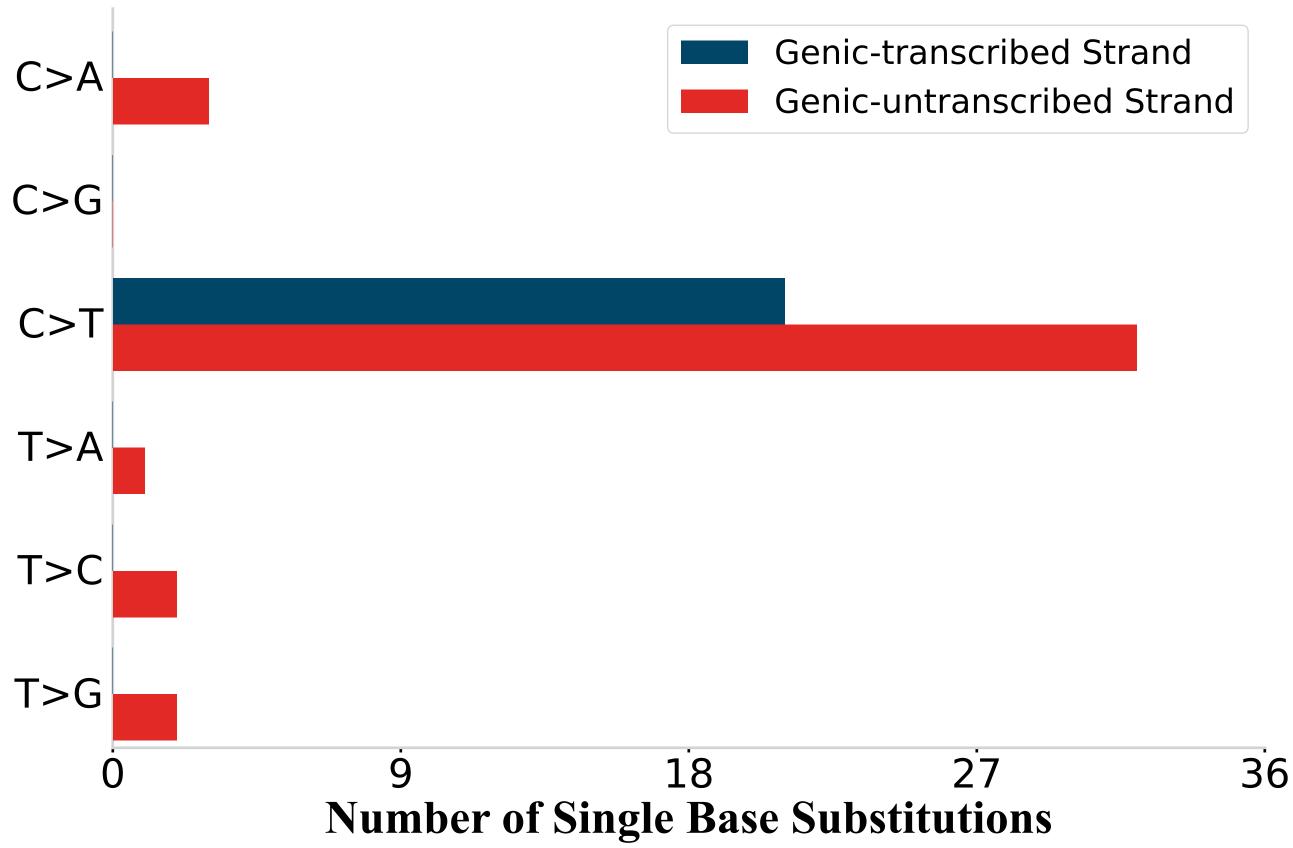


P-0019909-T02-IM6: 12 transcribed subs

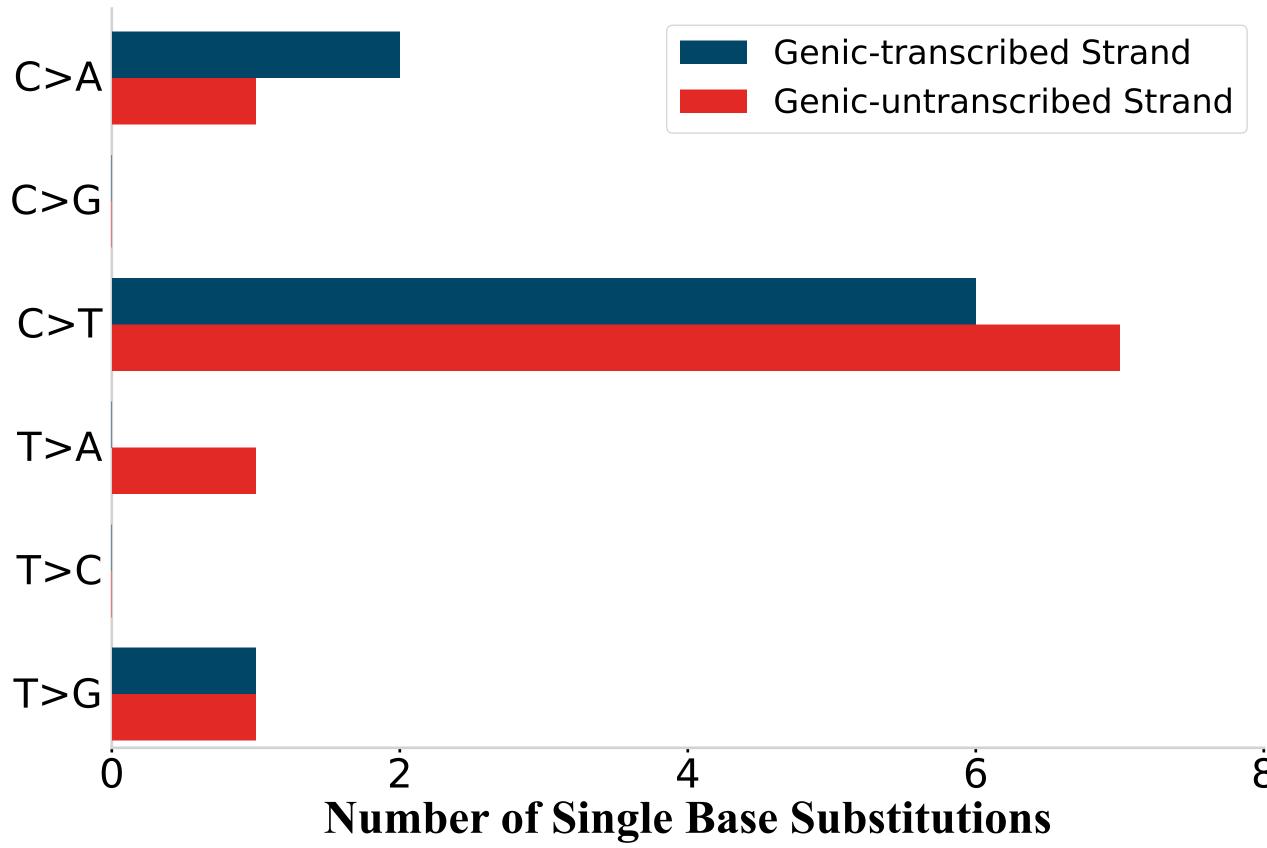


P-0019939-T01-IM6: 80 transcribed subs Genic-transcribed Strand C>A Genic-untranscribed Strand C>G C>T T>AT>C T>G 22 33 11 44 **Number of Single Base Substitutions**

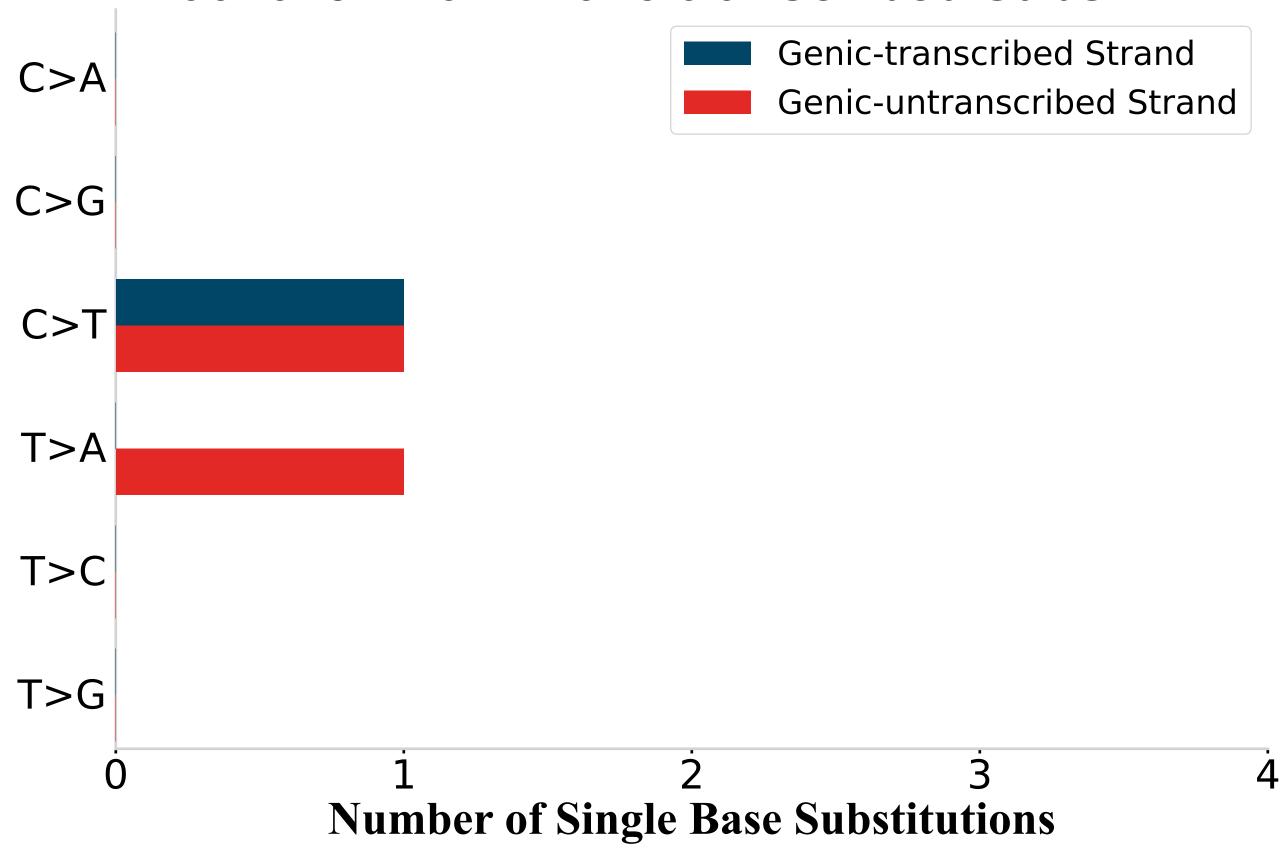
P-0020082-T01-IM6: 61 transcribed subs



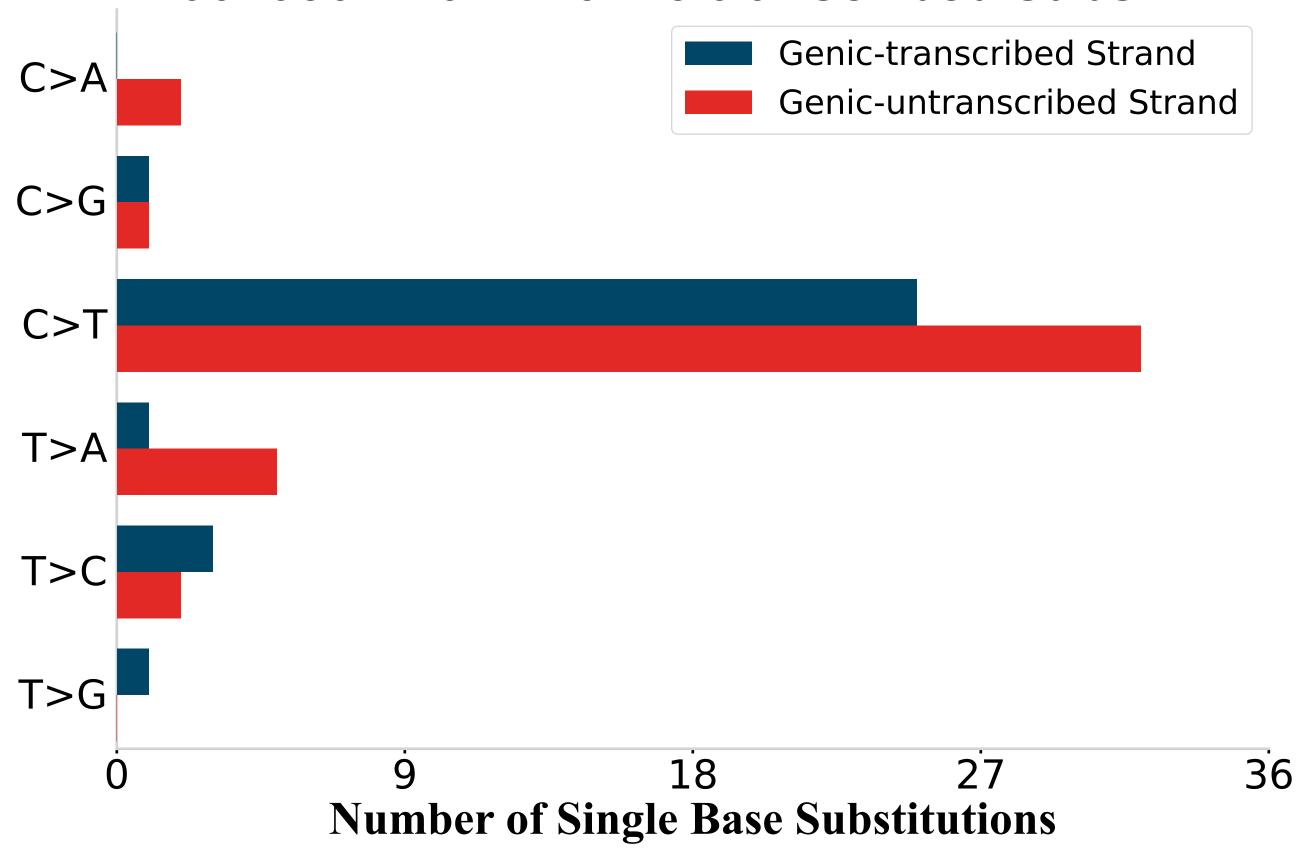
P-0020127-T01-IM6: 19 transcribed subs



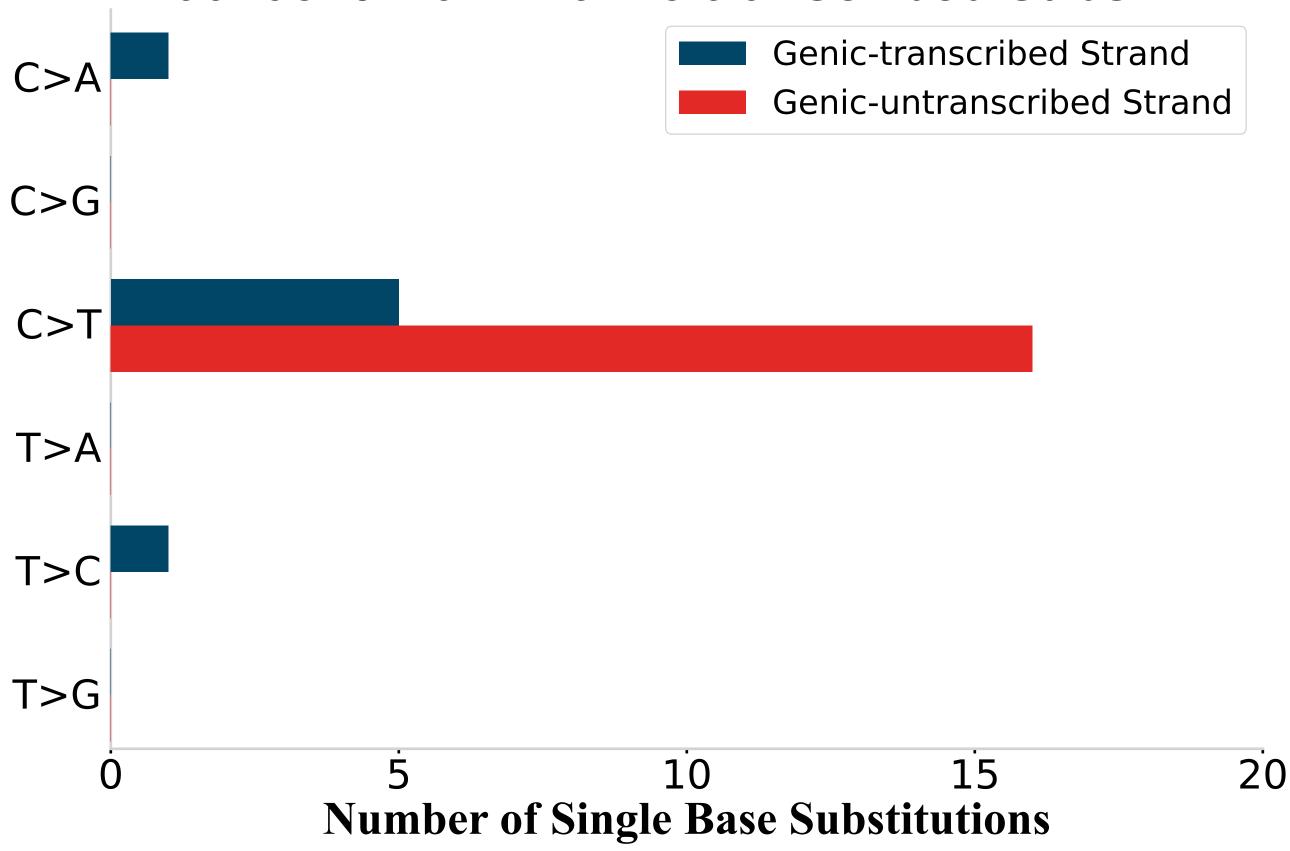
P-0020191-T01-IM6: 3 transcribed subs



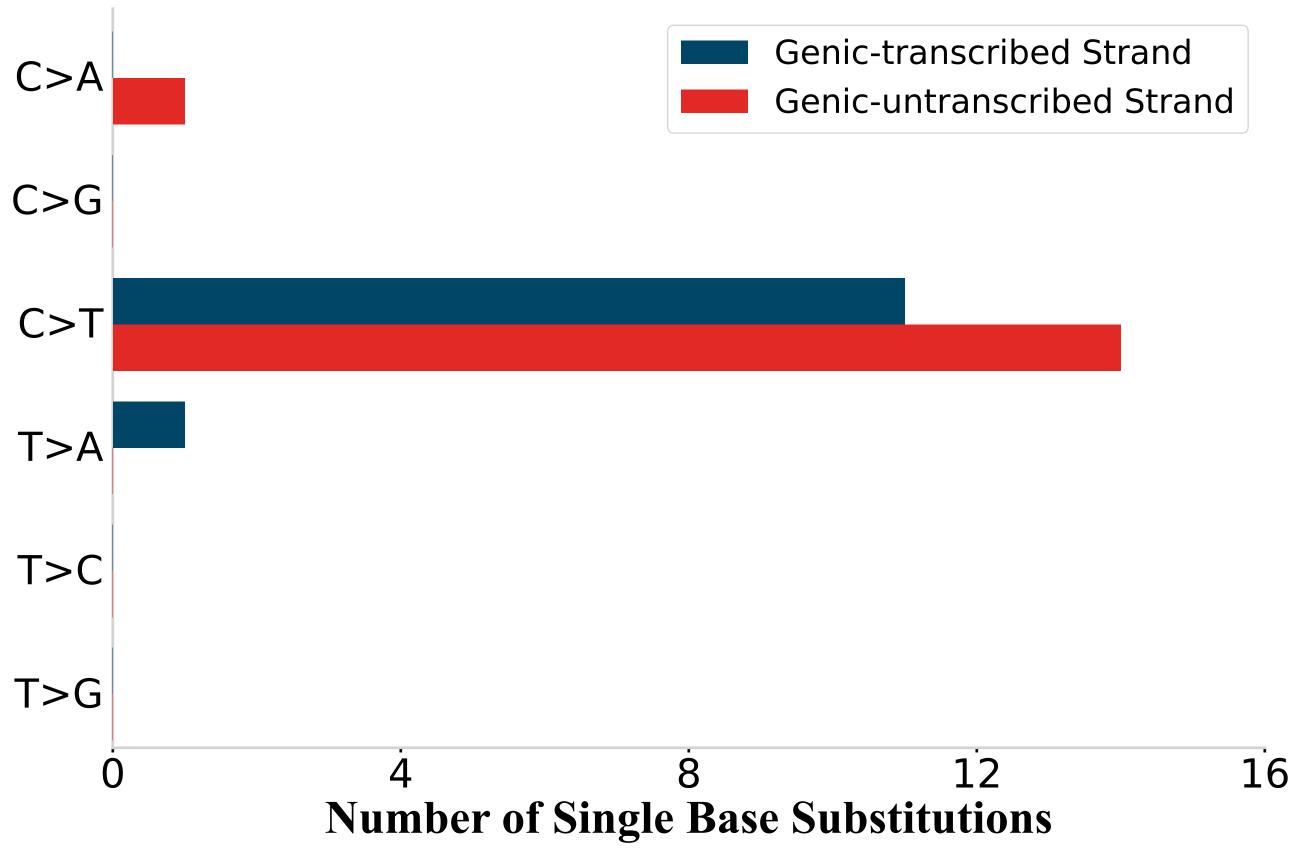
P-0020307-T01-IM6: 73 transcribed subs



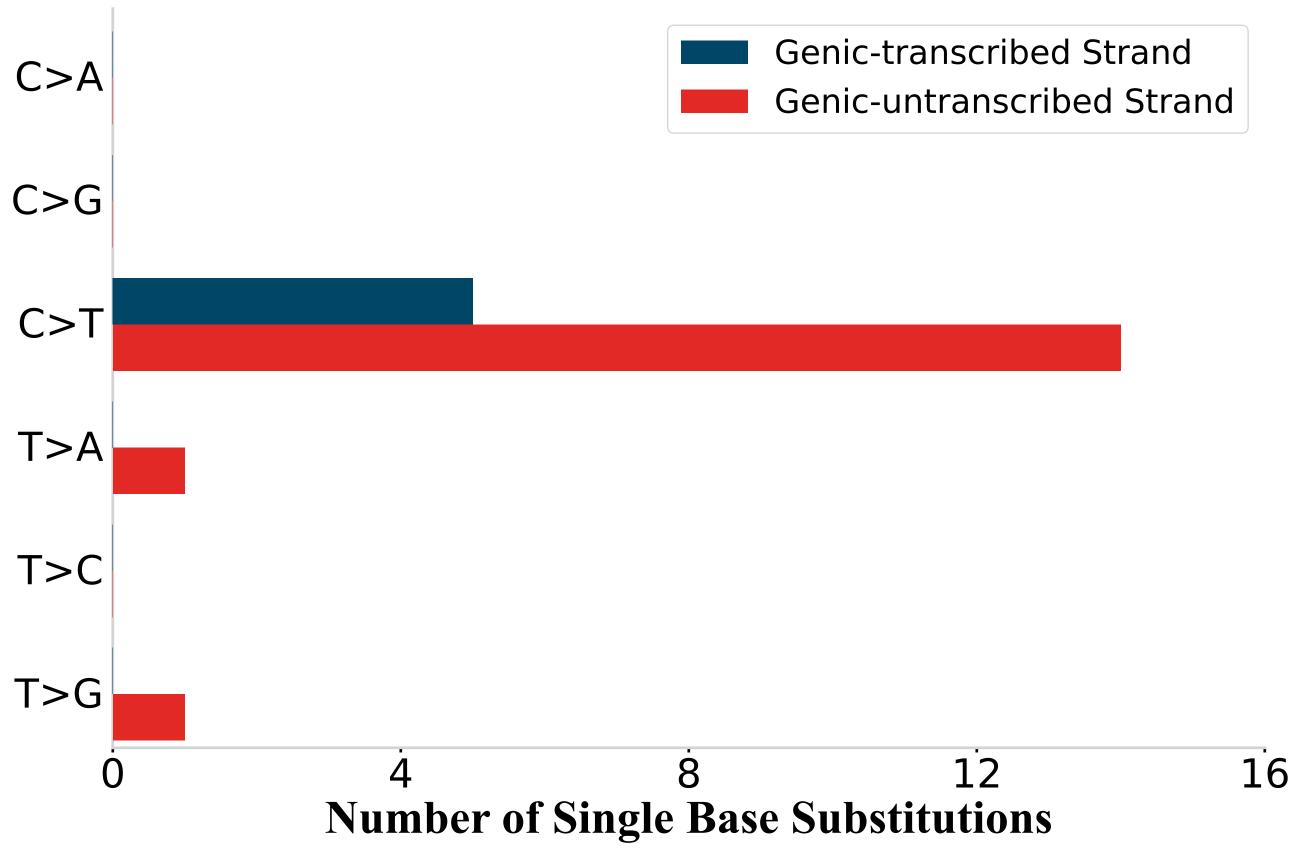
P-0020319-T01-IM6: 23 transcribed subs



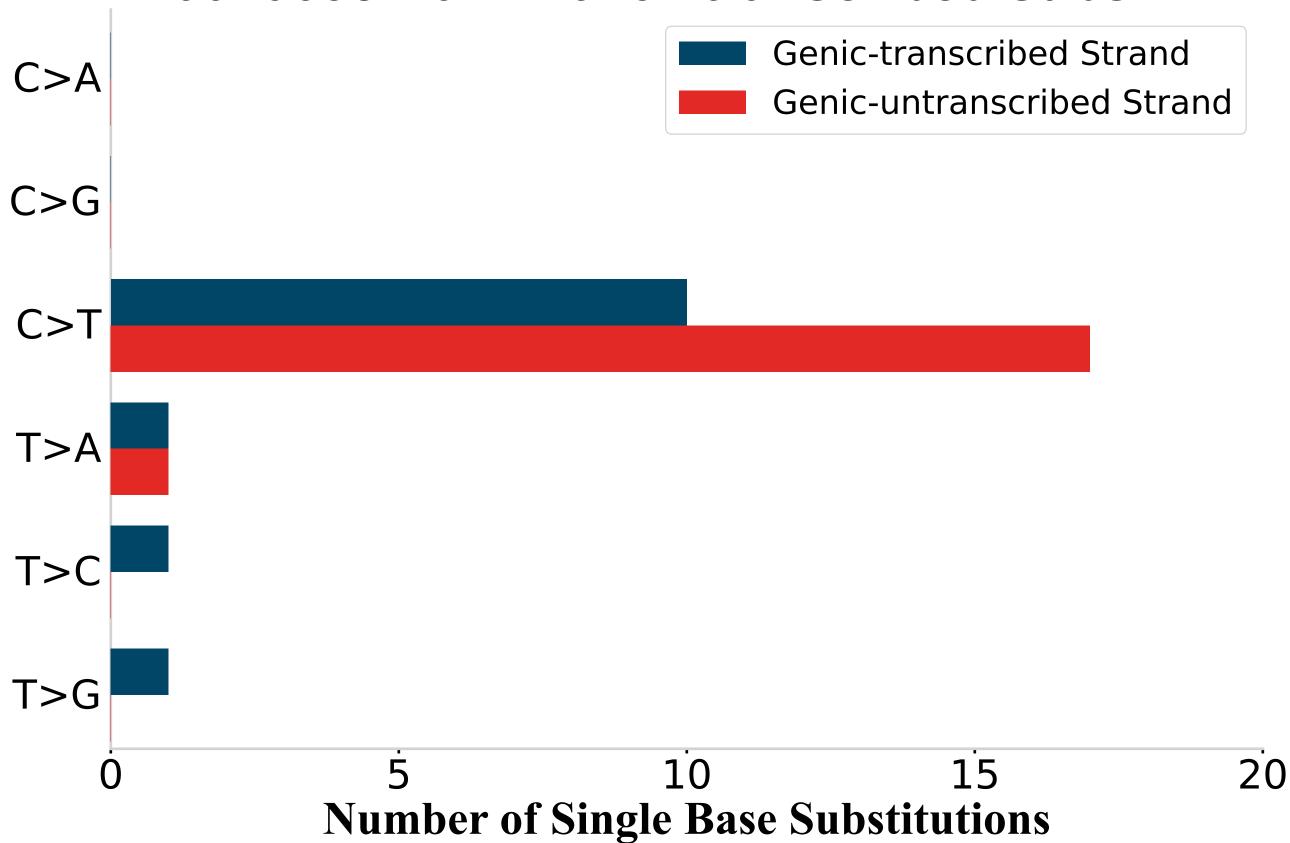
P-0020382-T01-IM6: 27 transcribed subs



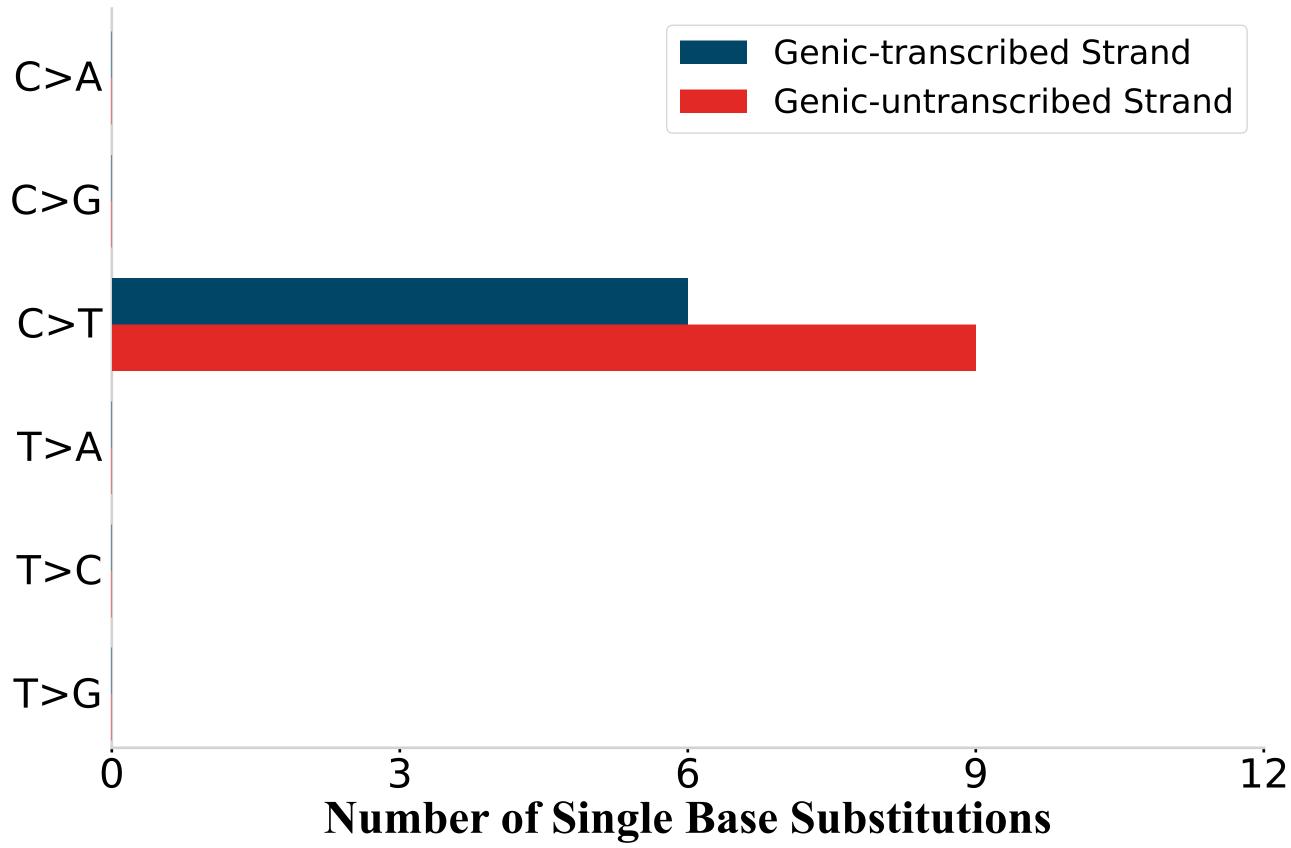
P-0020388-T01-IM6: 21 transcribed subs



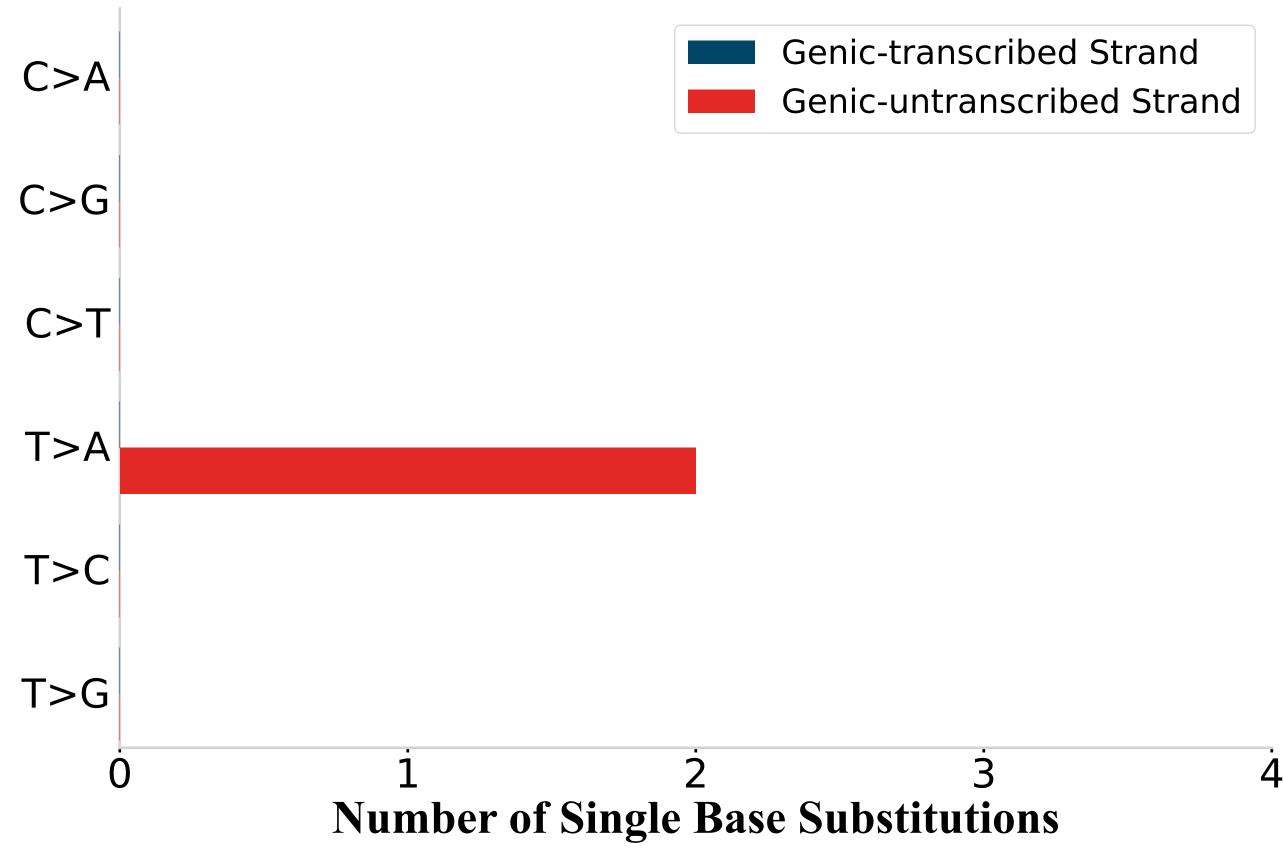
P-0020638-T01-IM6: 31 transcribed subs



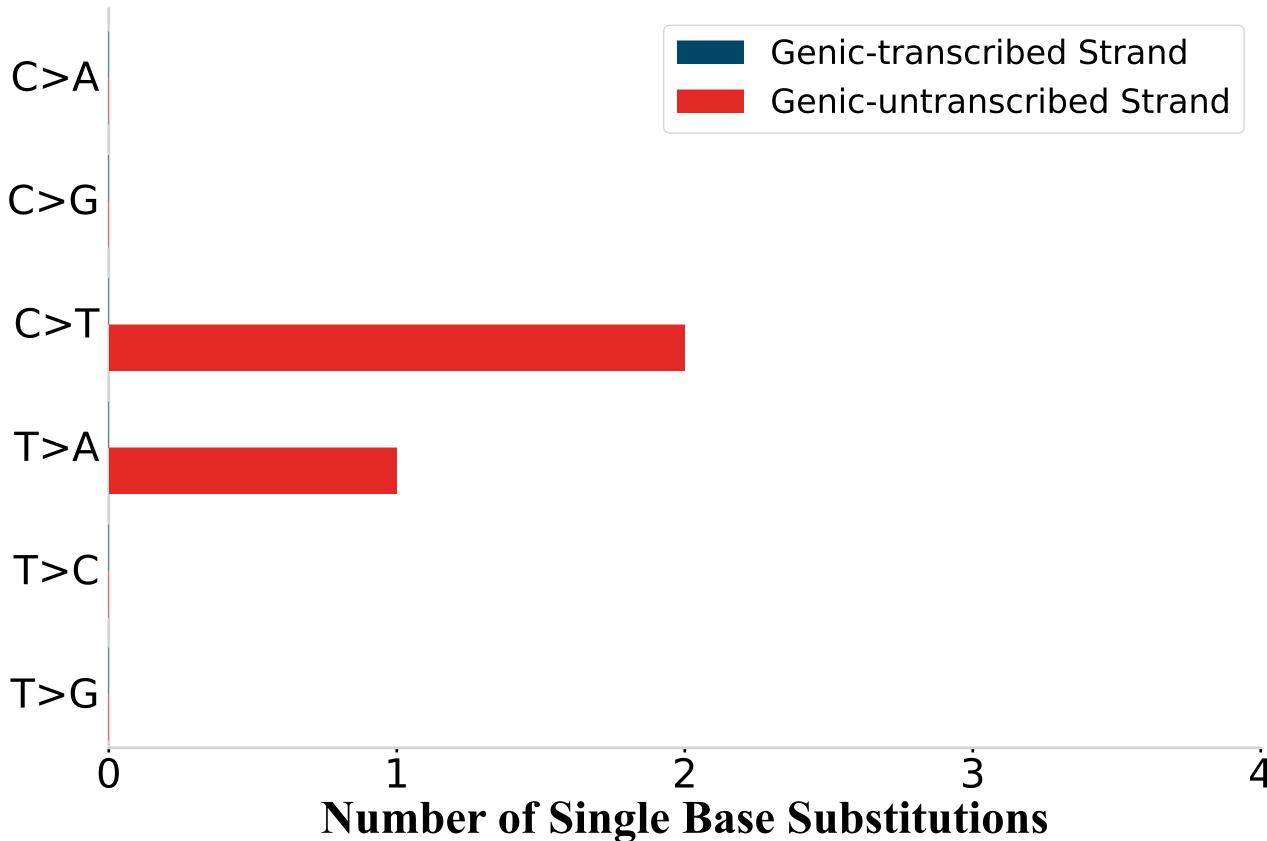
P-0020641-T02-IM6: 15 transcribed subs



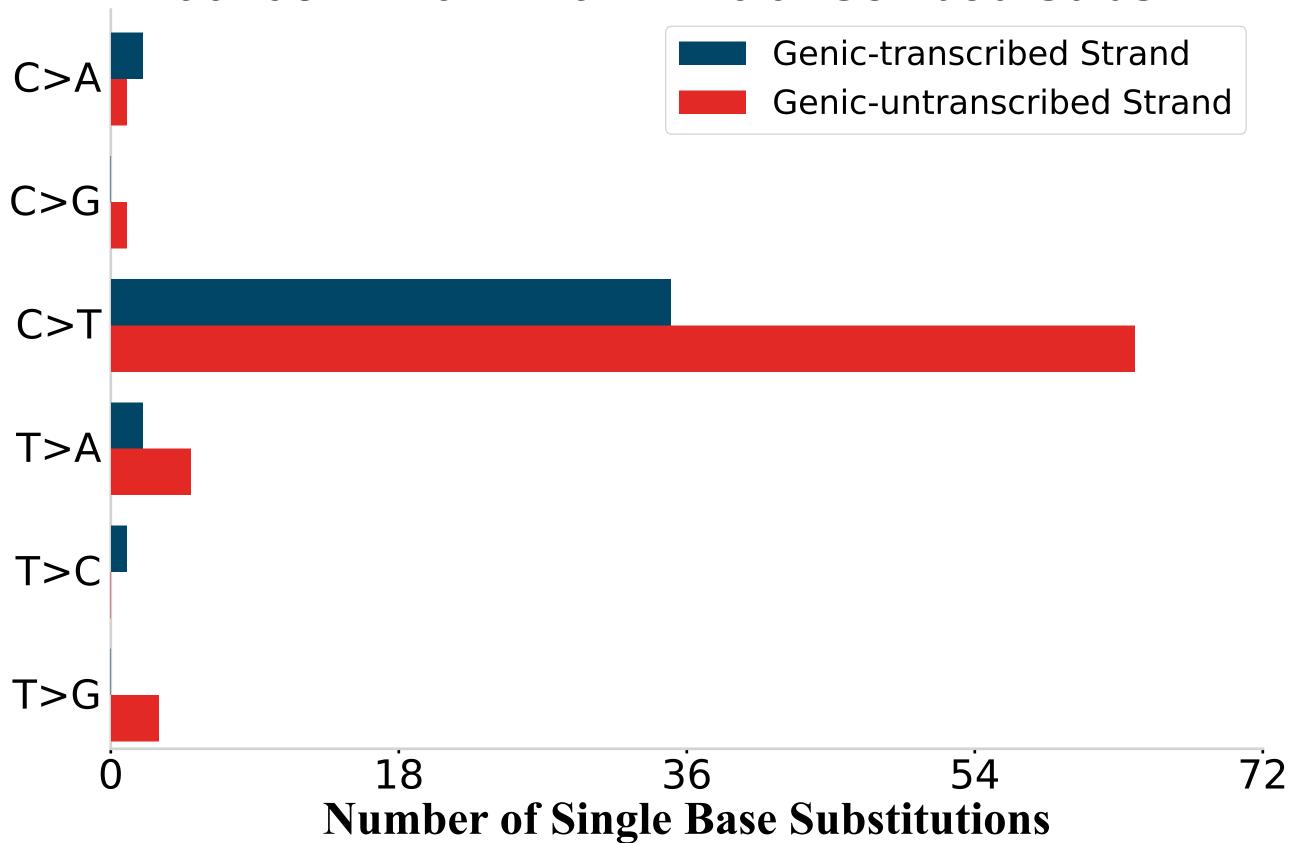
P-0020691-T01-IM6: 2 transcribed subs



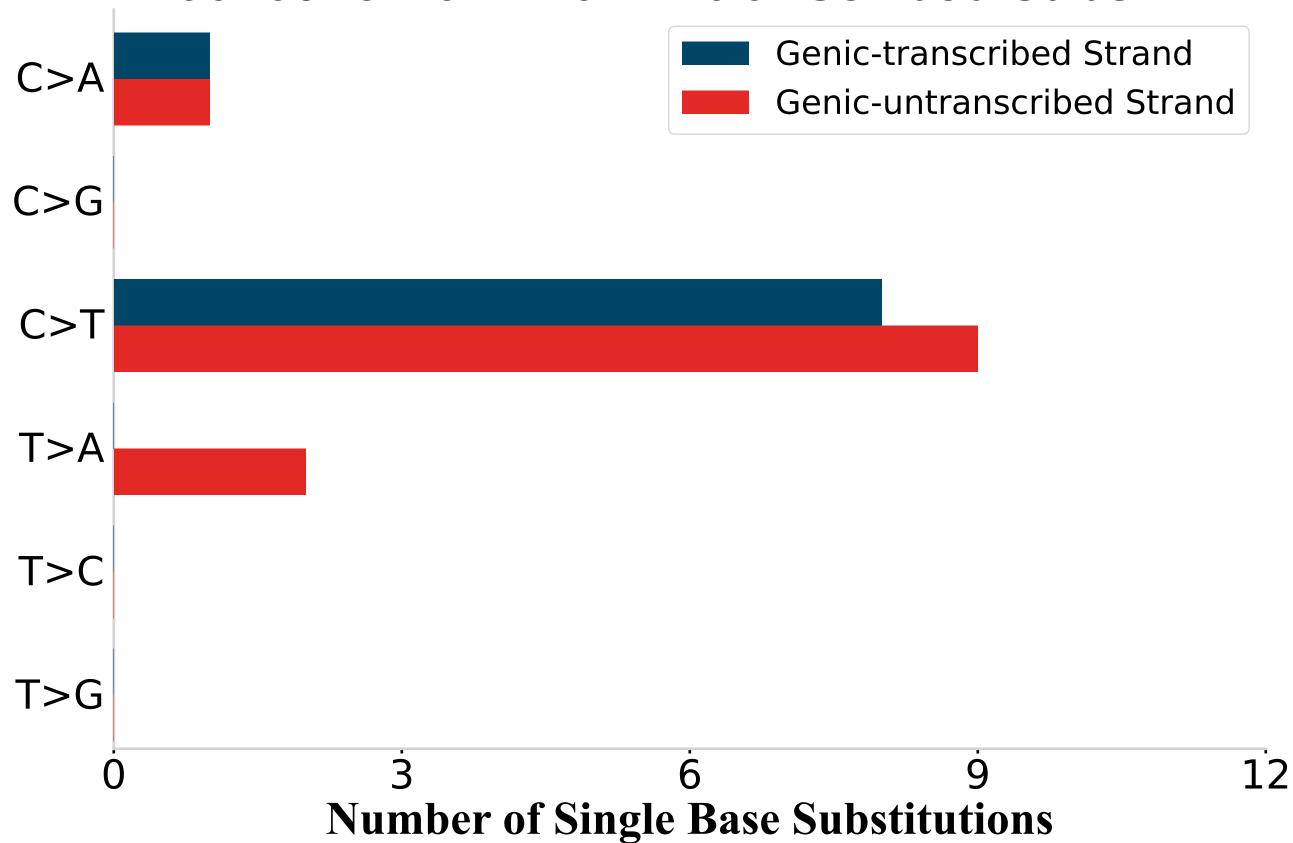
P-0020768-T01-IM6: 3 transcribed subs



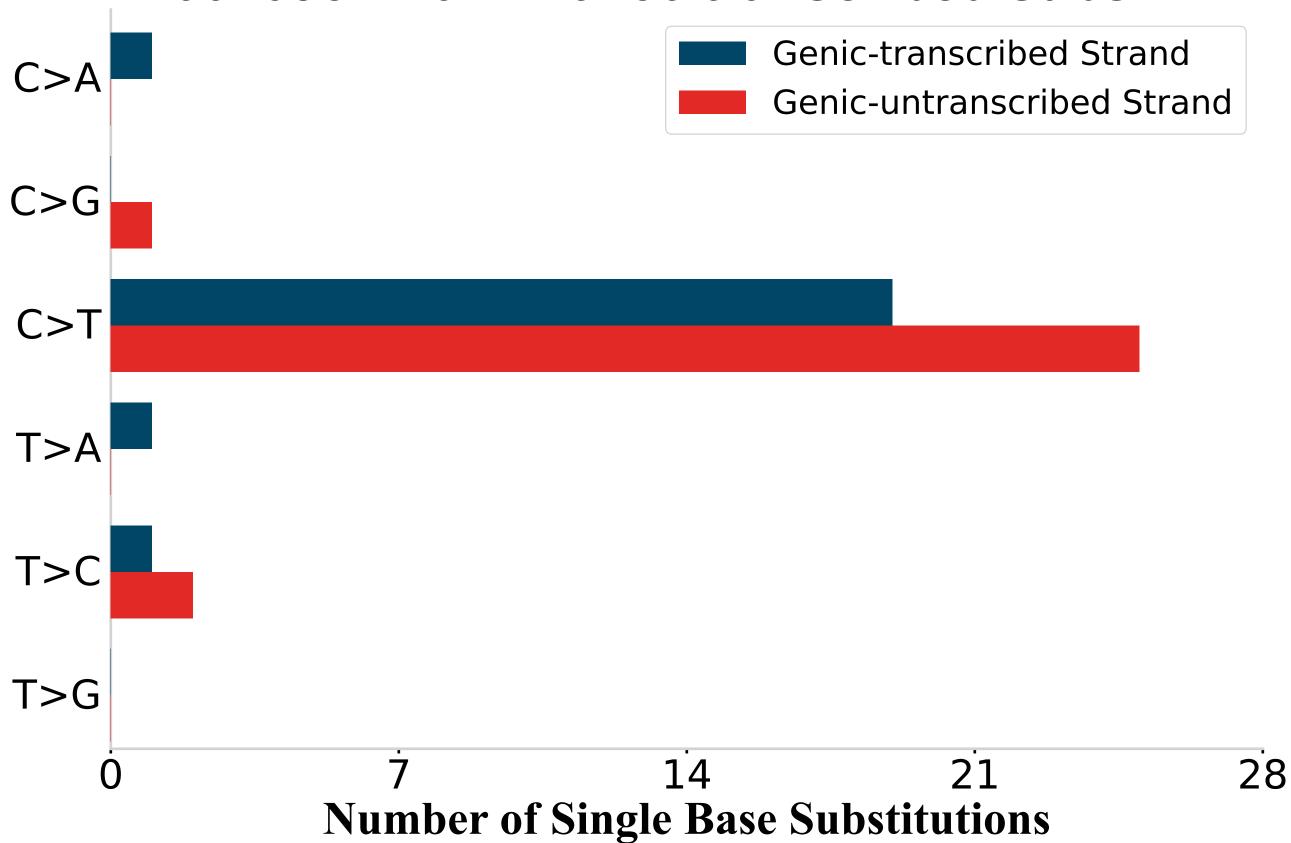
P-0020817-T01-IM6: 114 transcribed subs



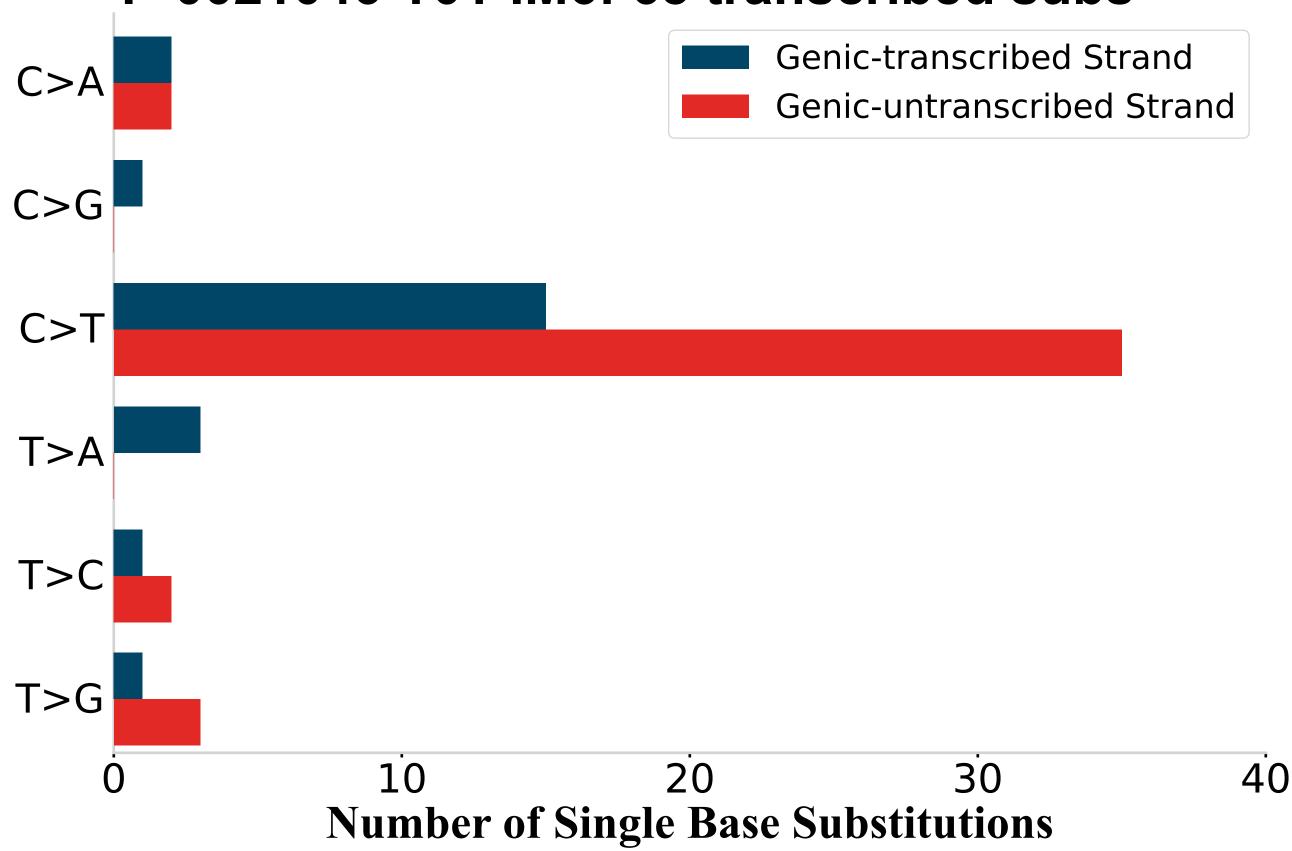
P-0020913-T01-IM6: 21 transcribed subs



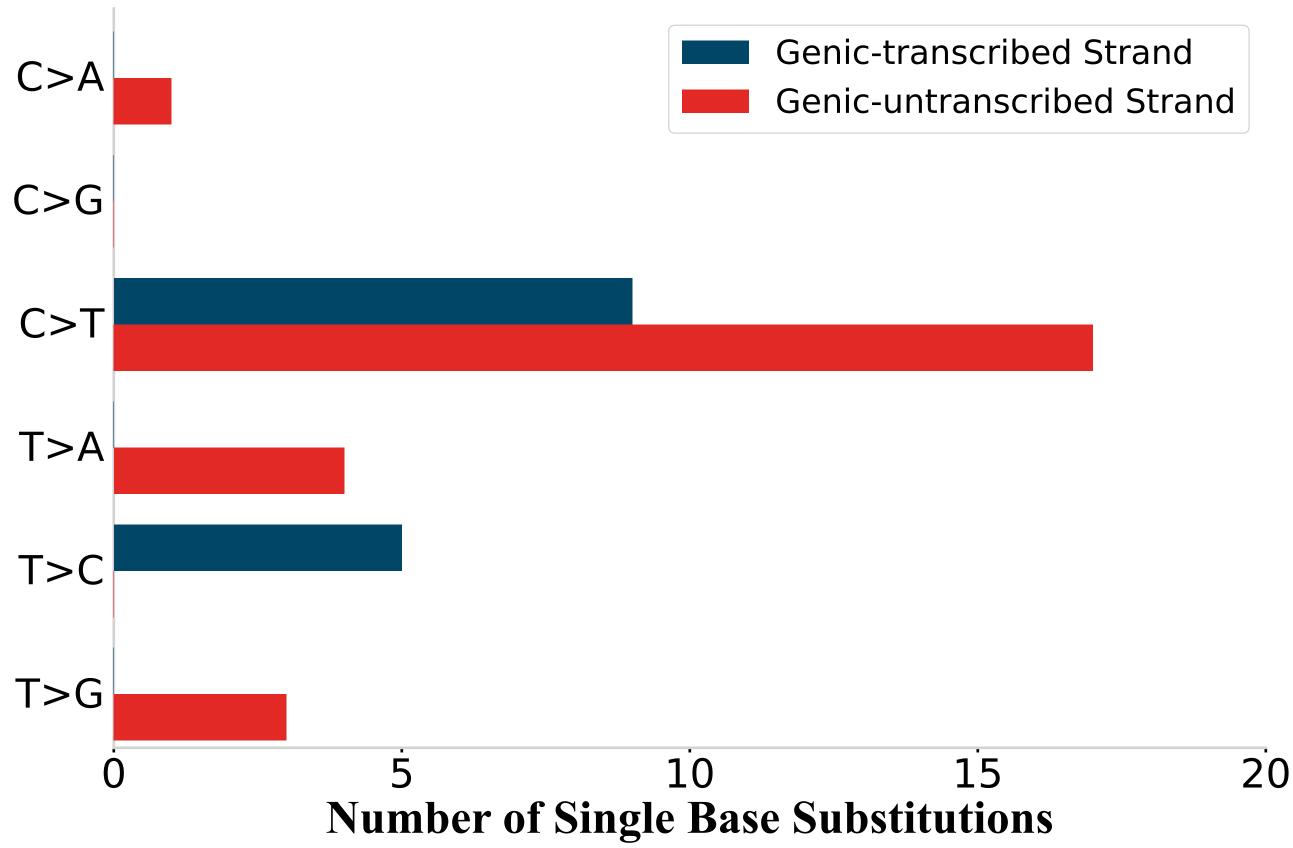
P-0020957-T01-IM6: 50 transcribed subs



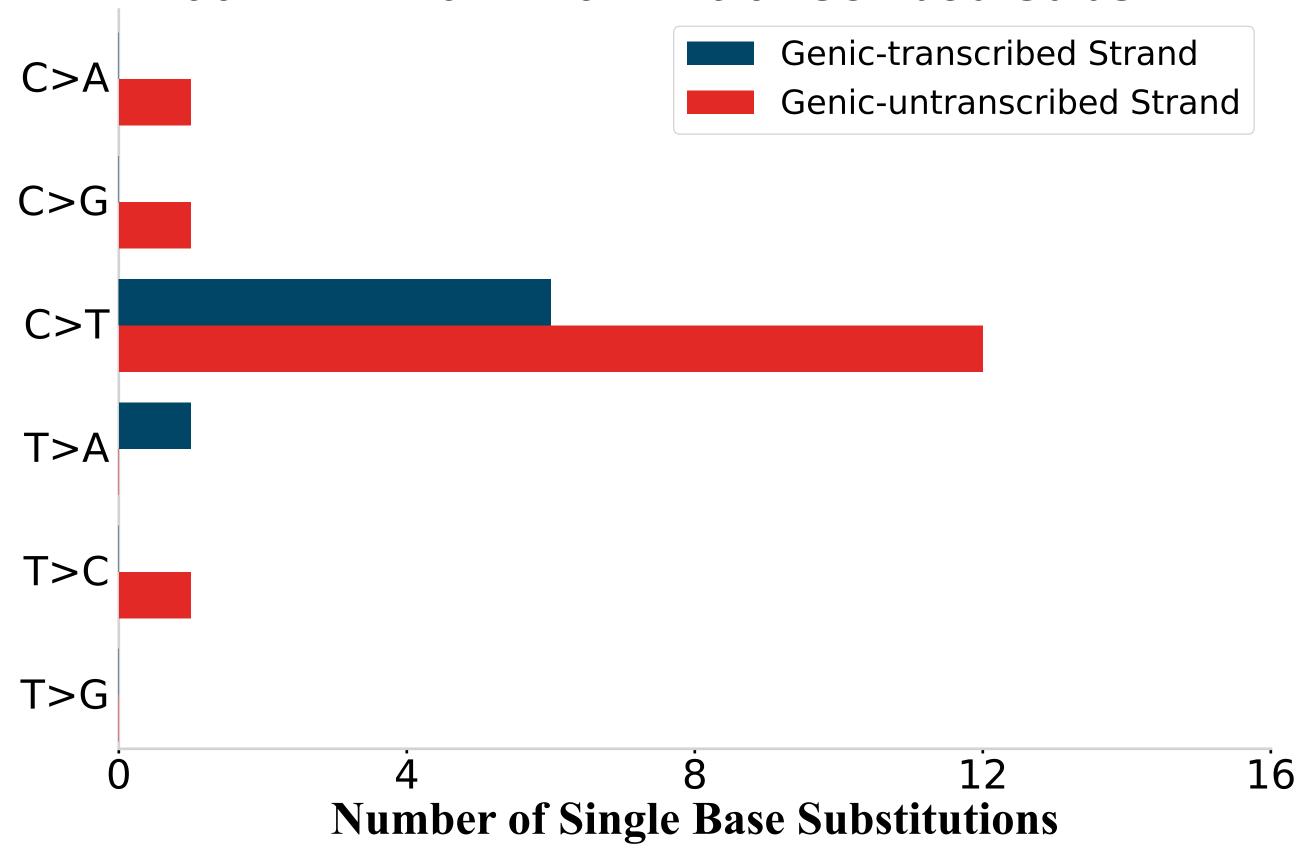
P-0021046-T01-IM6: 65 transcribed subs



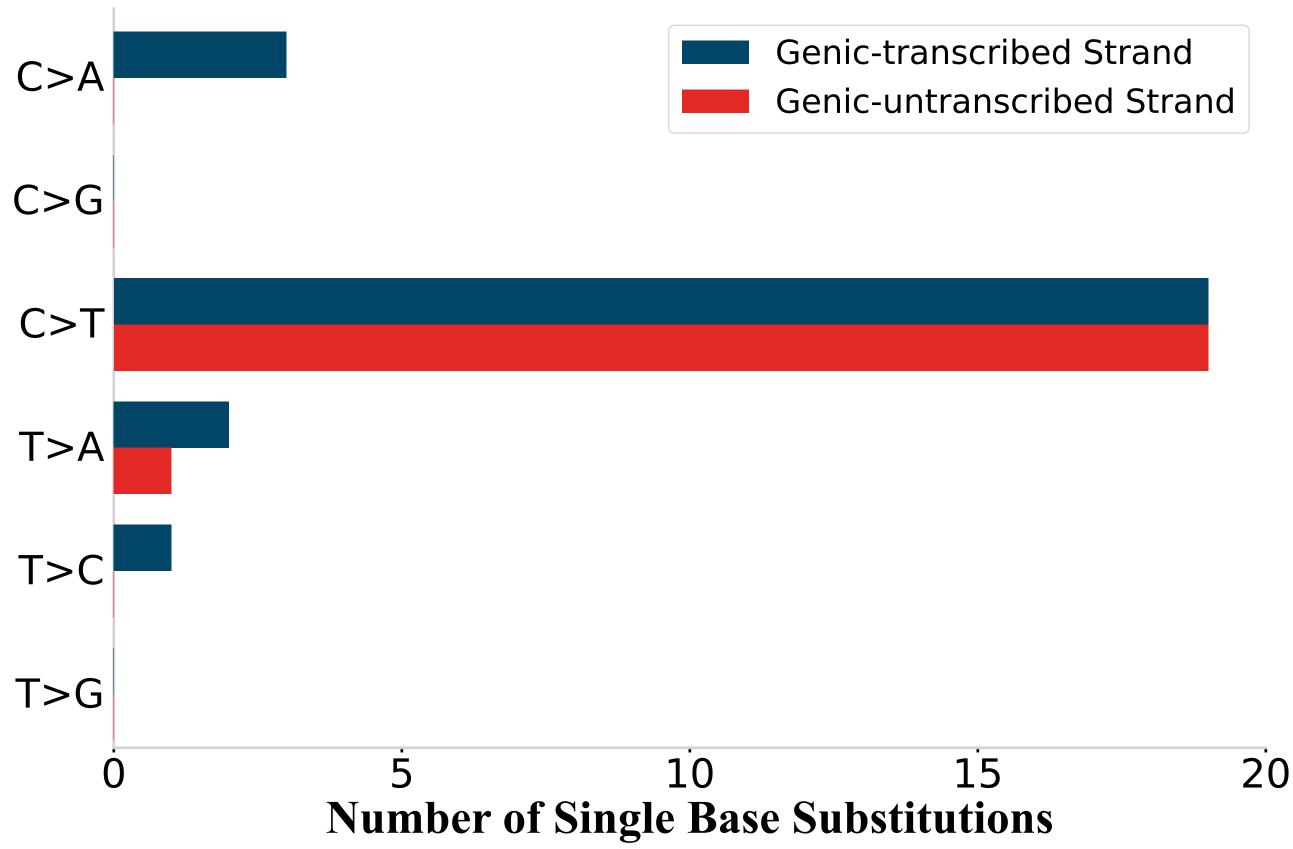
P-0021075-T01-IM6: 39 transcribed subs



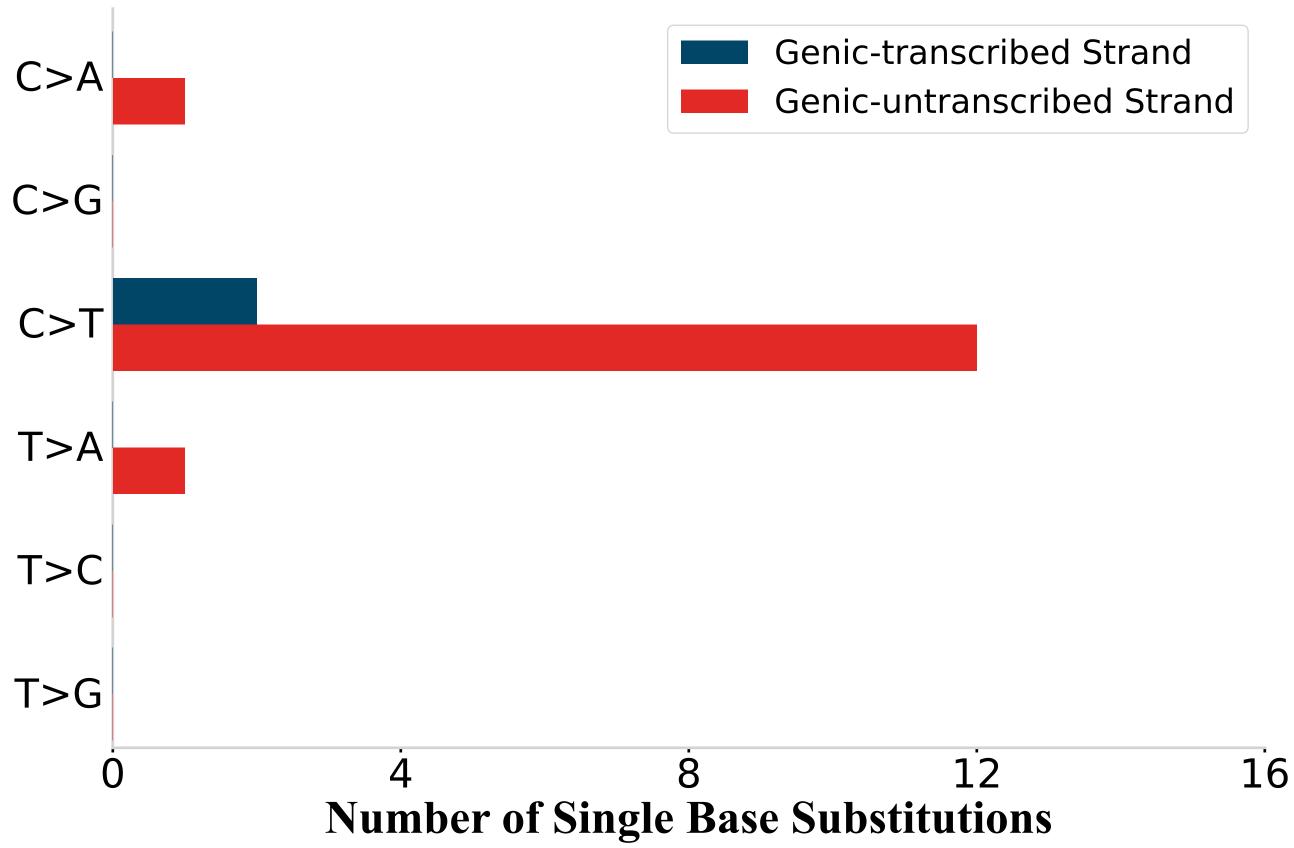
P-0021121-T01-IM6: 22 transcribed subs



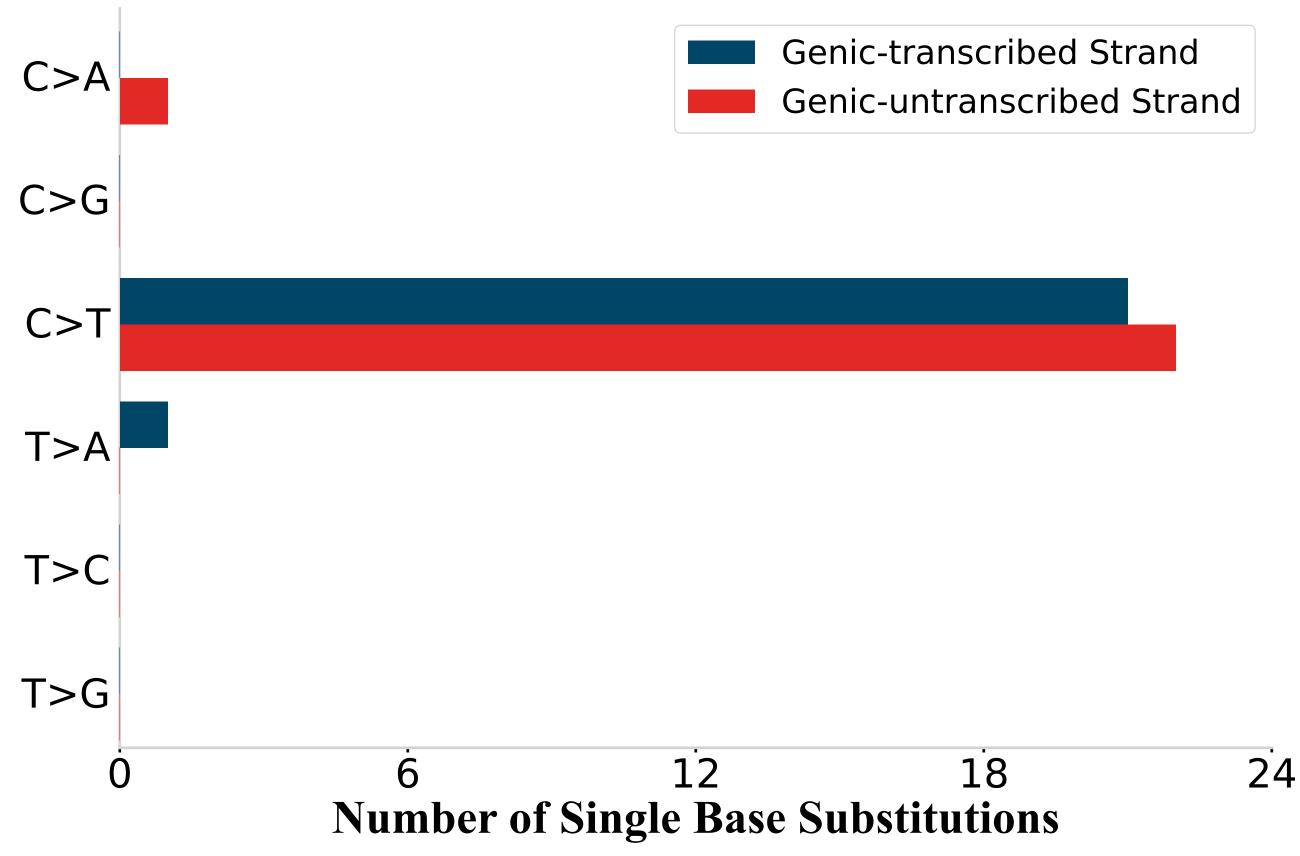
P-0021169-T01-IM6: 45 transcribed subs



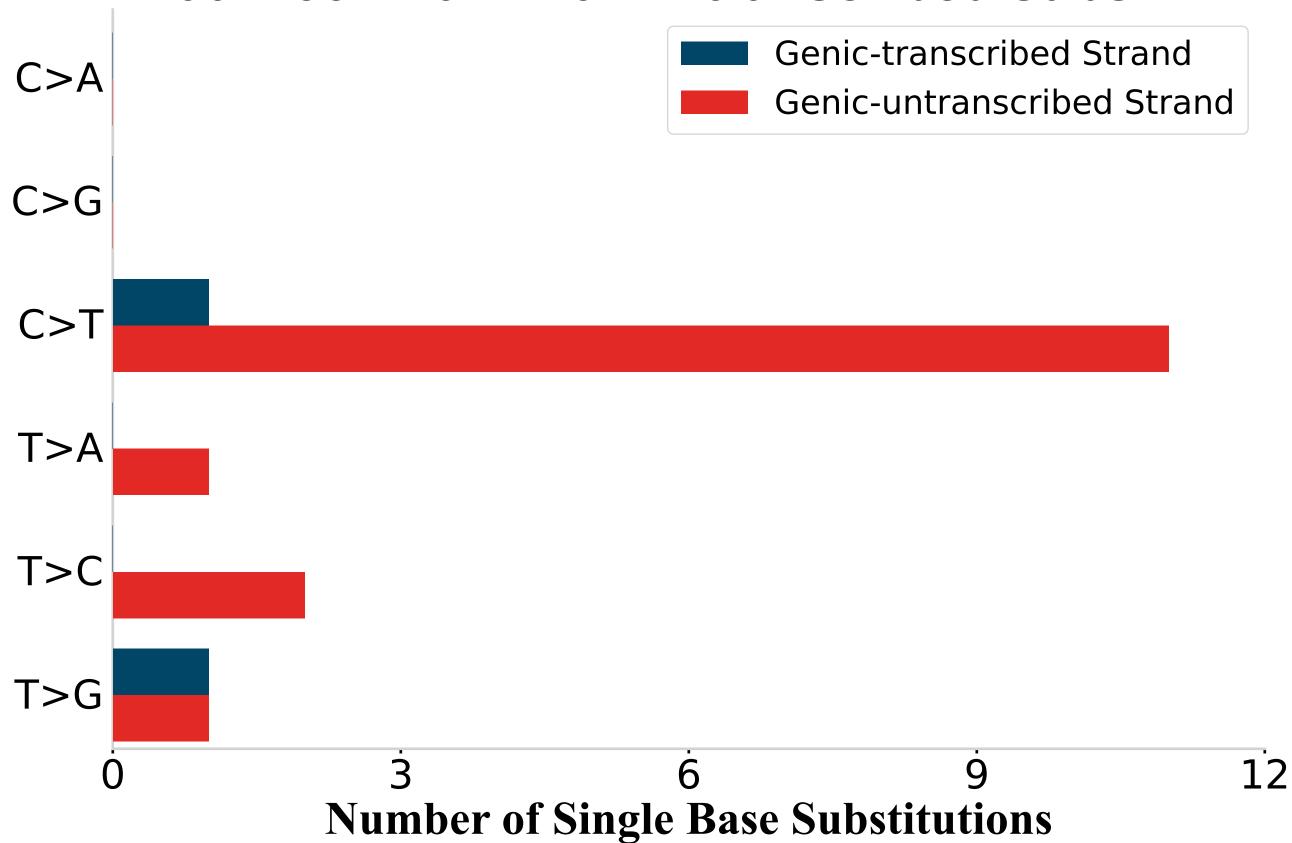
P-0021174-T01-IM6: 16 transcribed subs



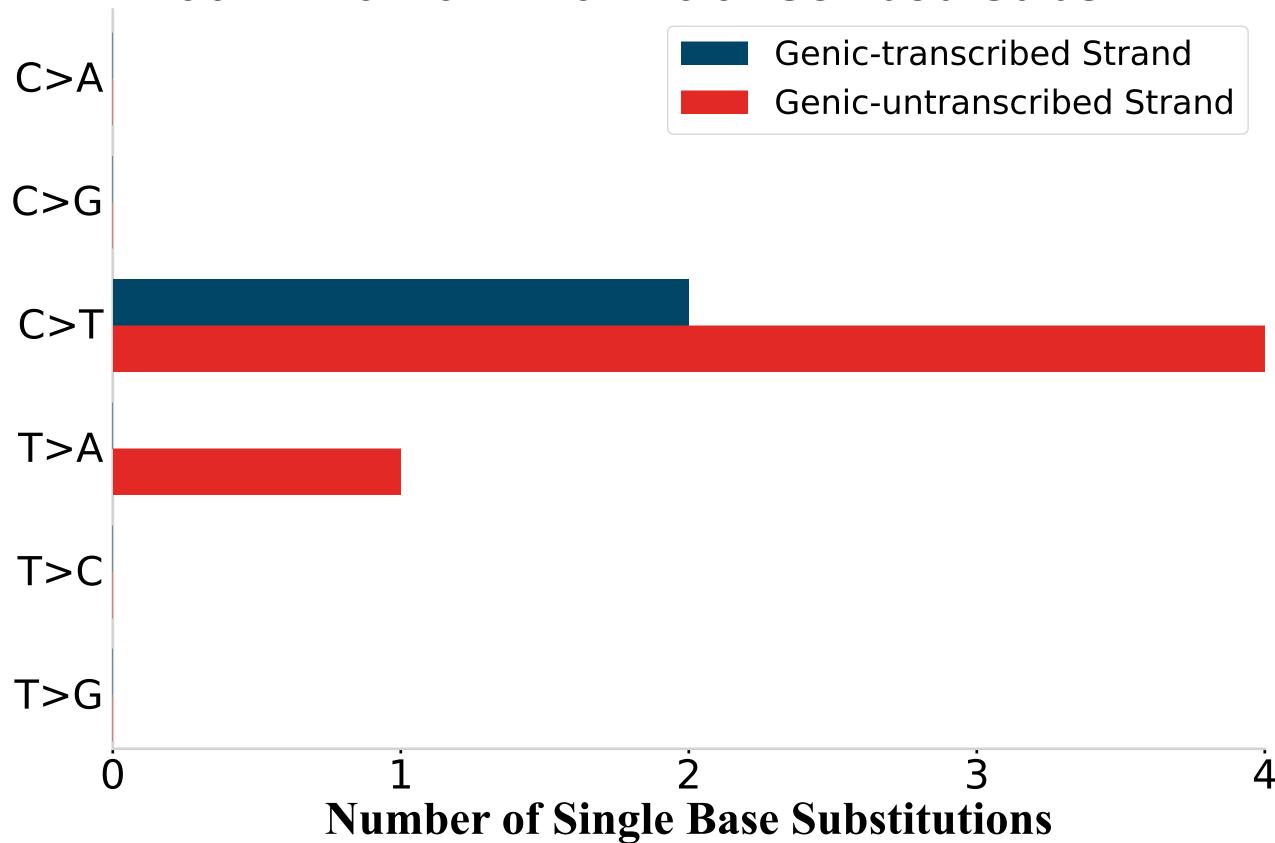
P-0021223-T01-IM6: 45 transcribed subs



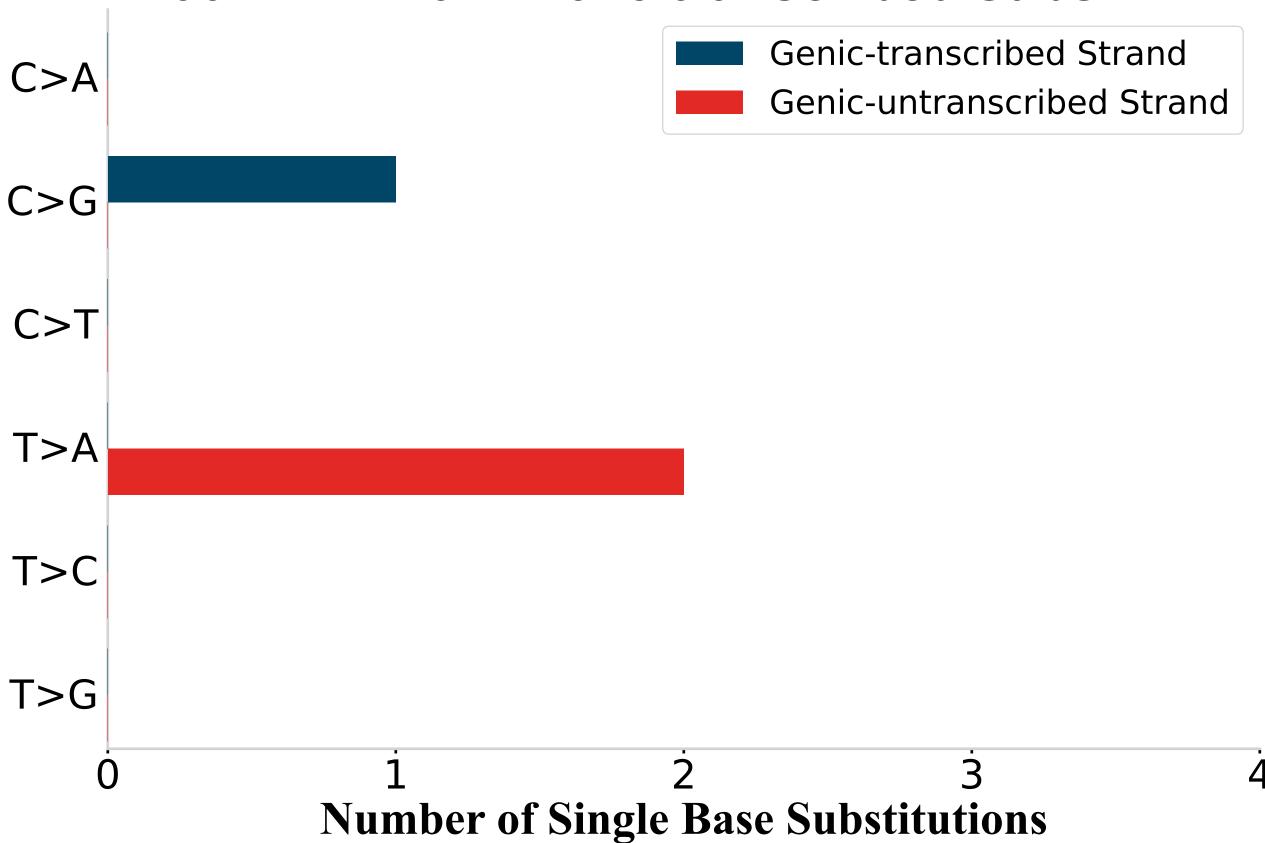
P-0021331-T01-IM6: 17 transcribed subs



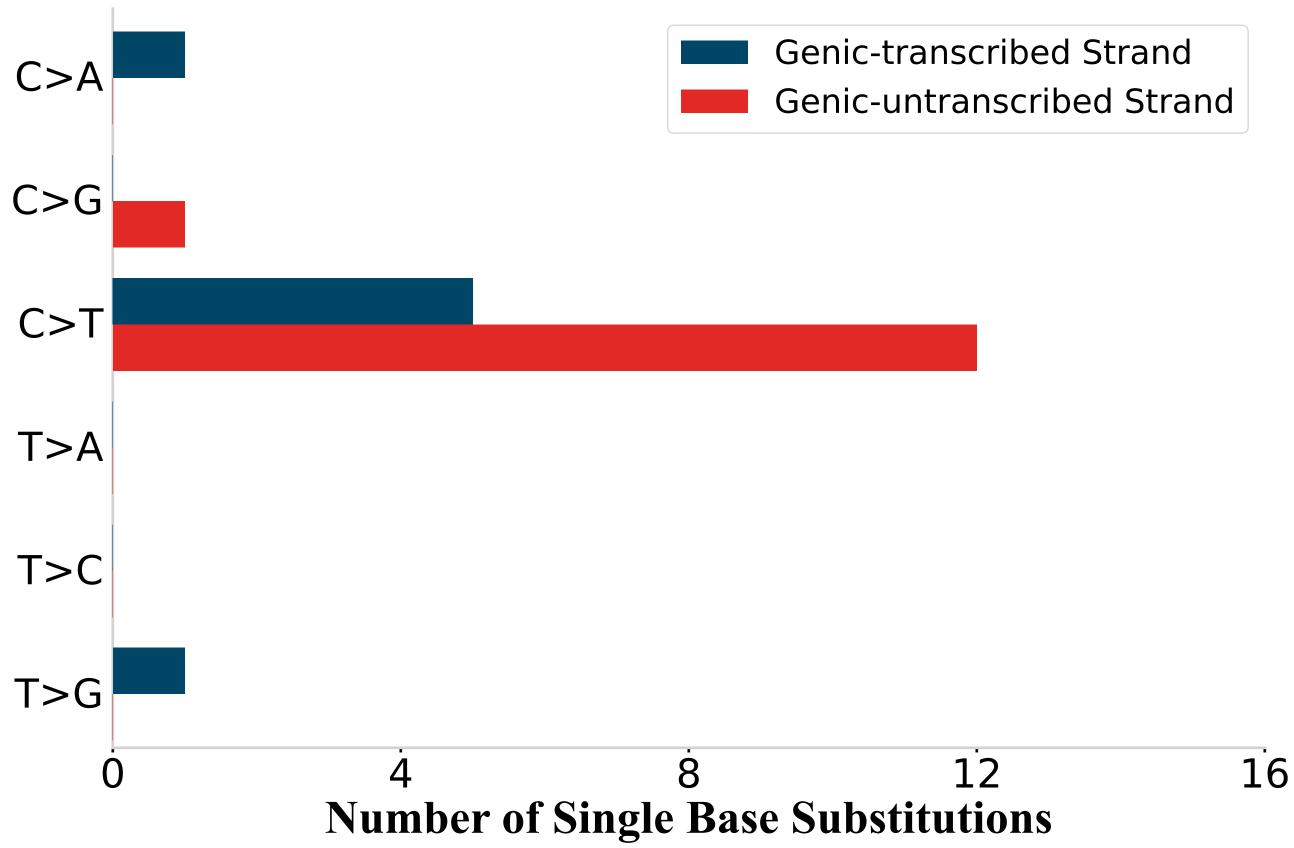
P-0021440-T01-IM6: 7 transcribed subs



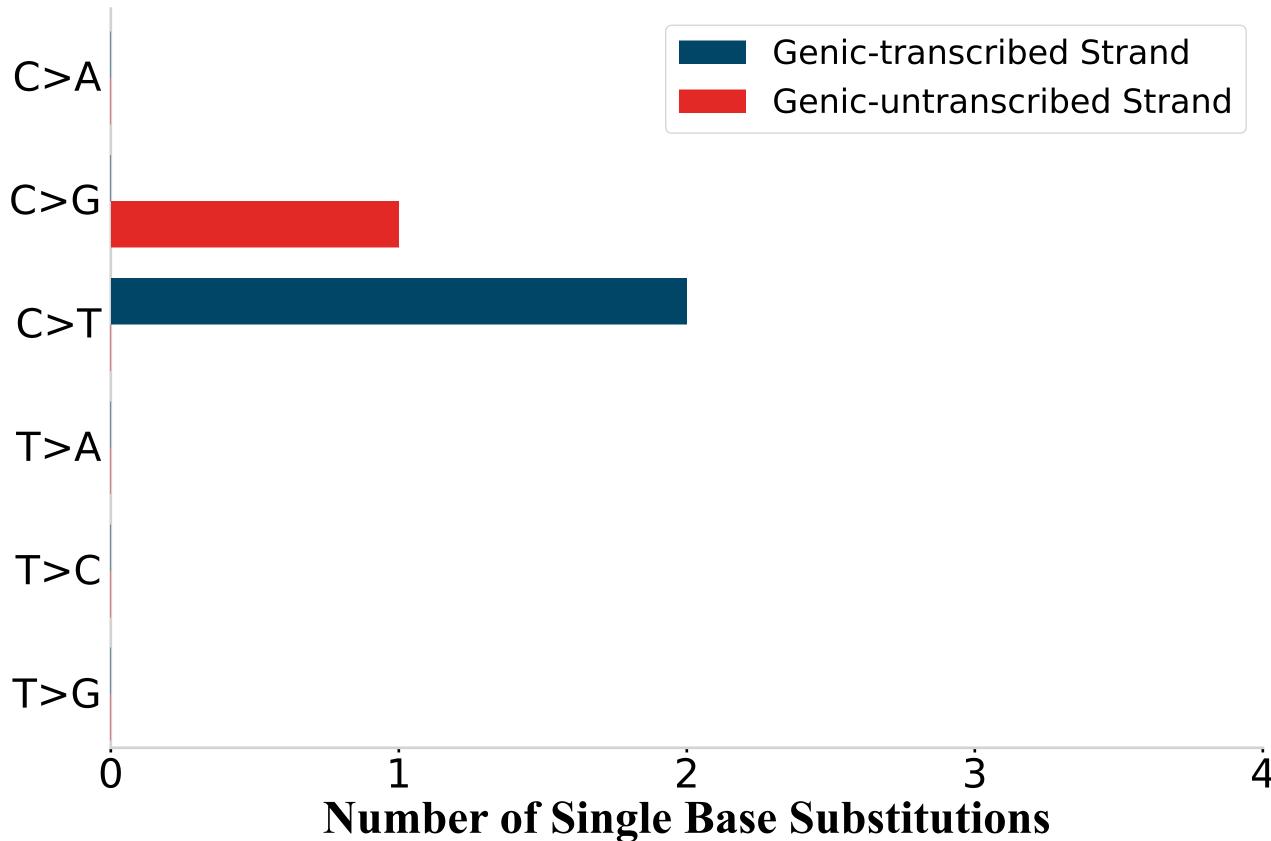
P-0021441-T01-IM6: 3 transcribed subs



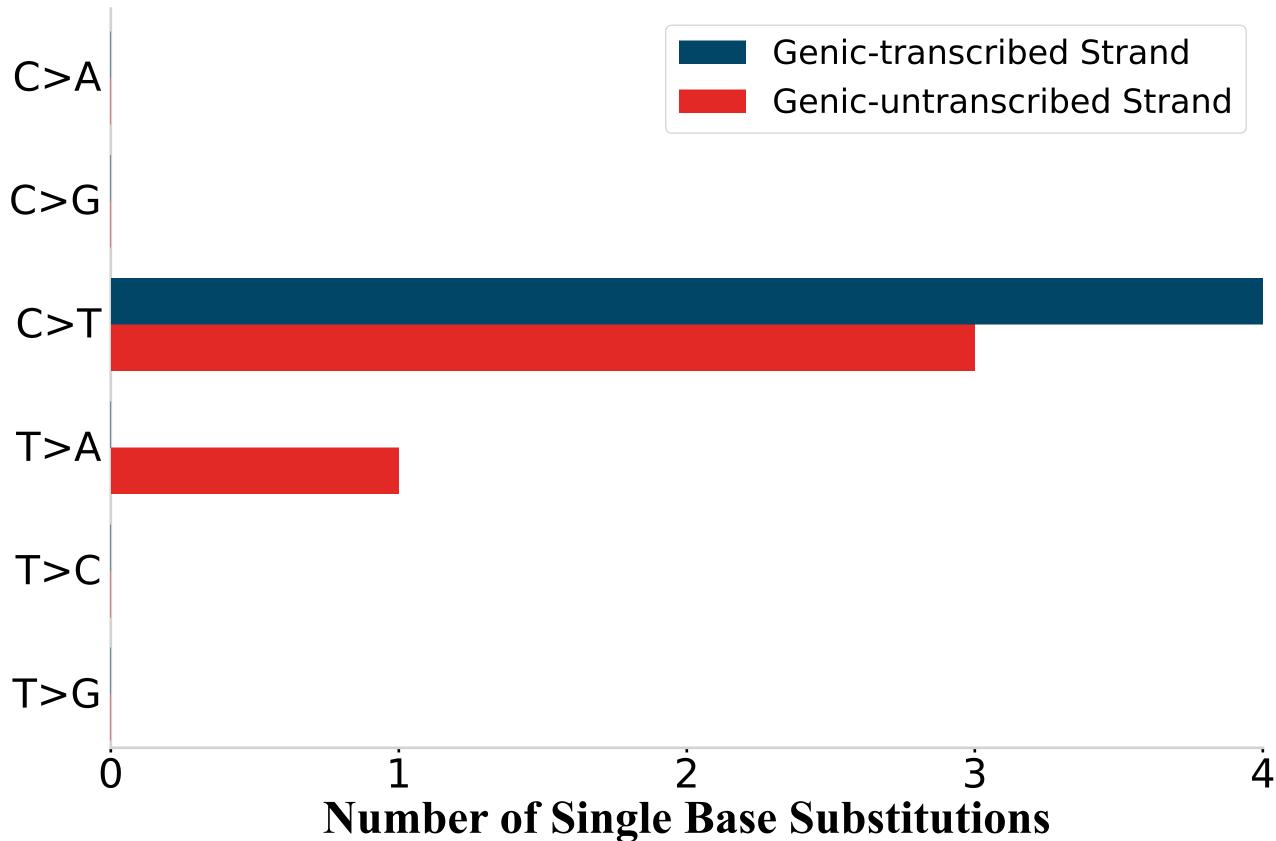
P-0021458-T01-IM6: 20 transcribed subs



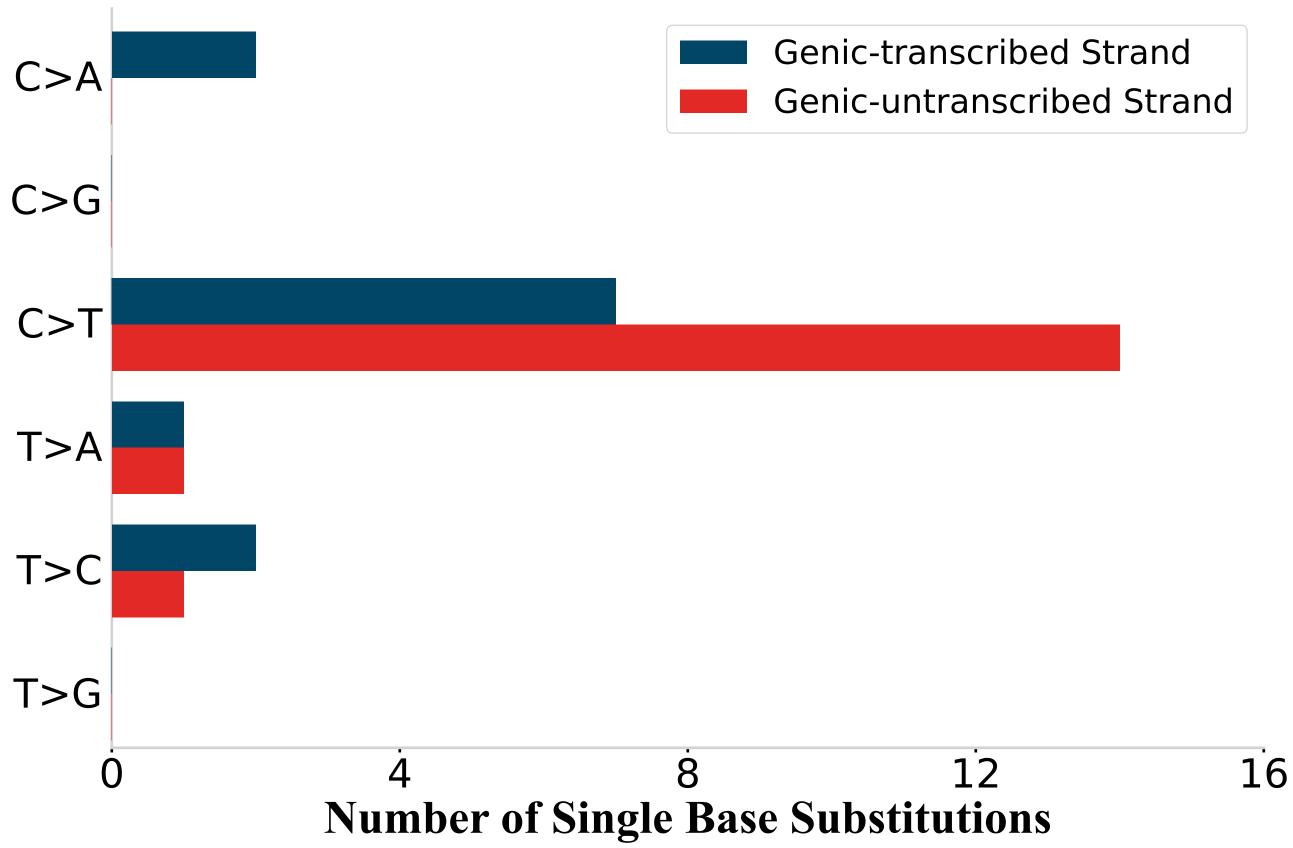
P-0021469-T01-IM6: 3 transcribed subs



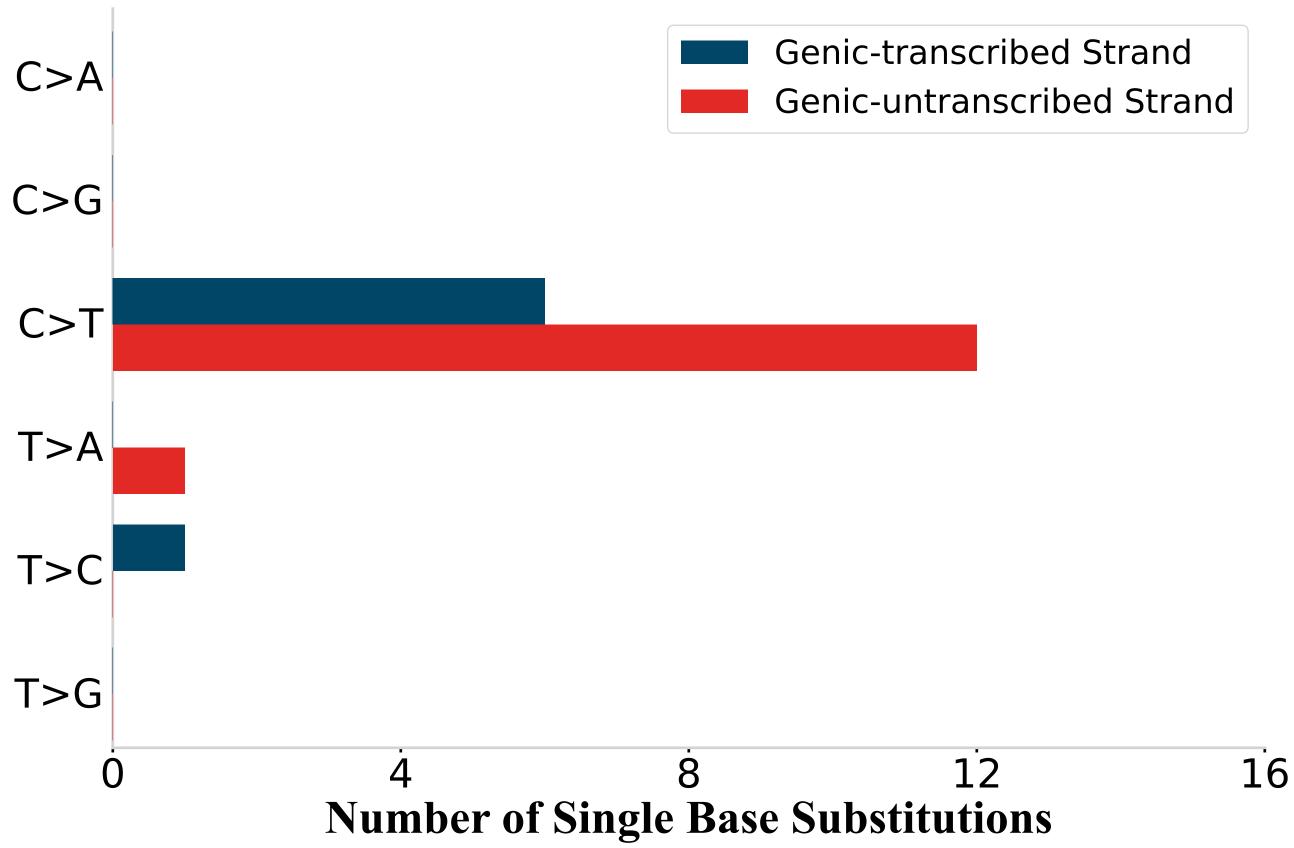
P-0021504-T01-IM6: 8 transcribed subs



P-0021526-T02-IM6: 28 transcribed subs

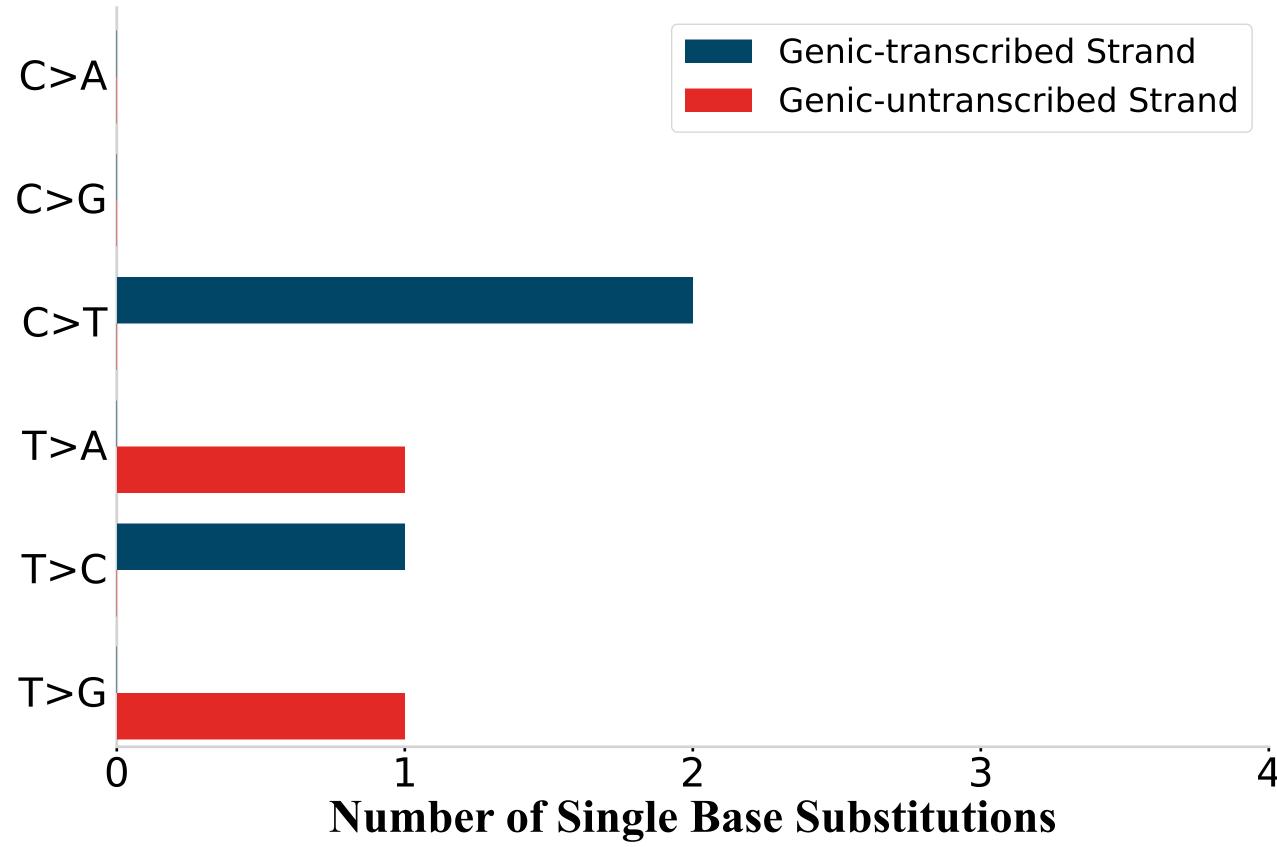


P-0021584-T01-IM6: 20 transcribed subs

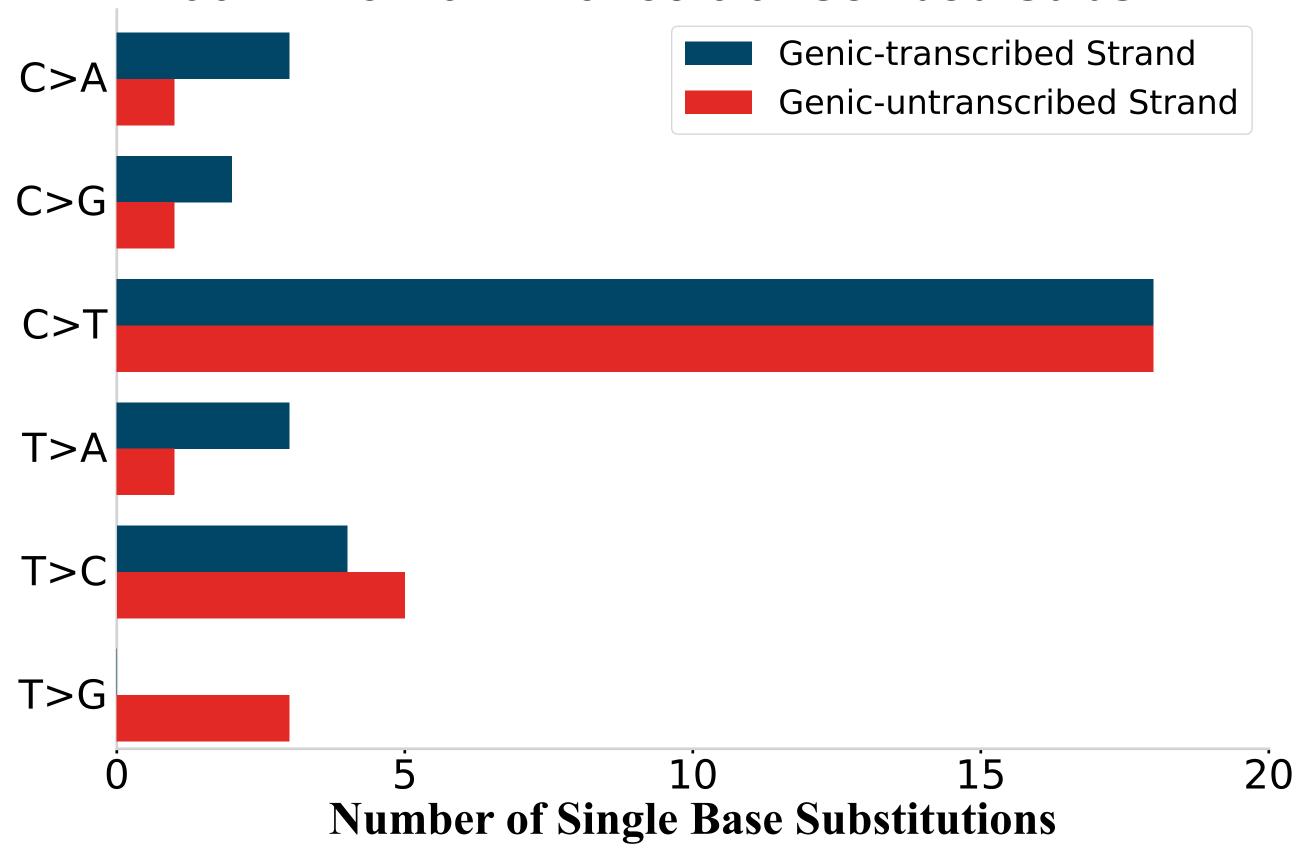


P-0021708-T02-IM6: 90 transcribed subs Genic-transcribed Strand C>A Genic-untranscribed Strand C>T T>A T>C T>G 12 24 36 48 **Number of Single Base Substitutions**

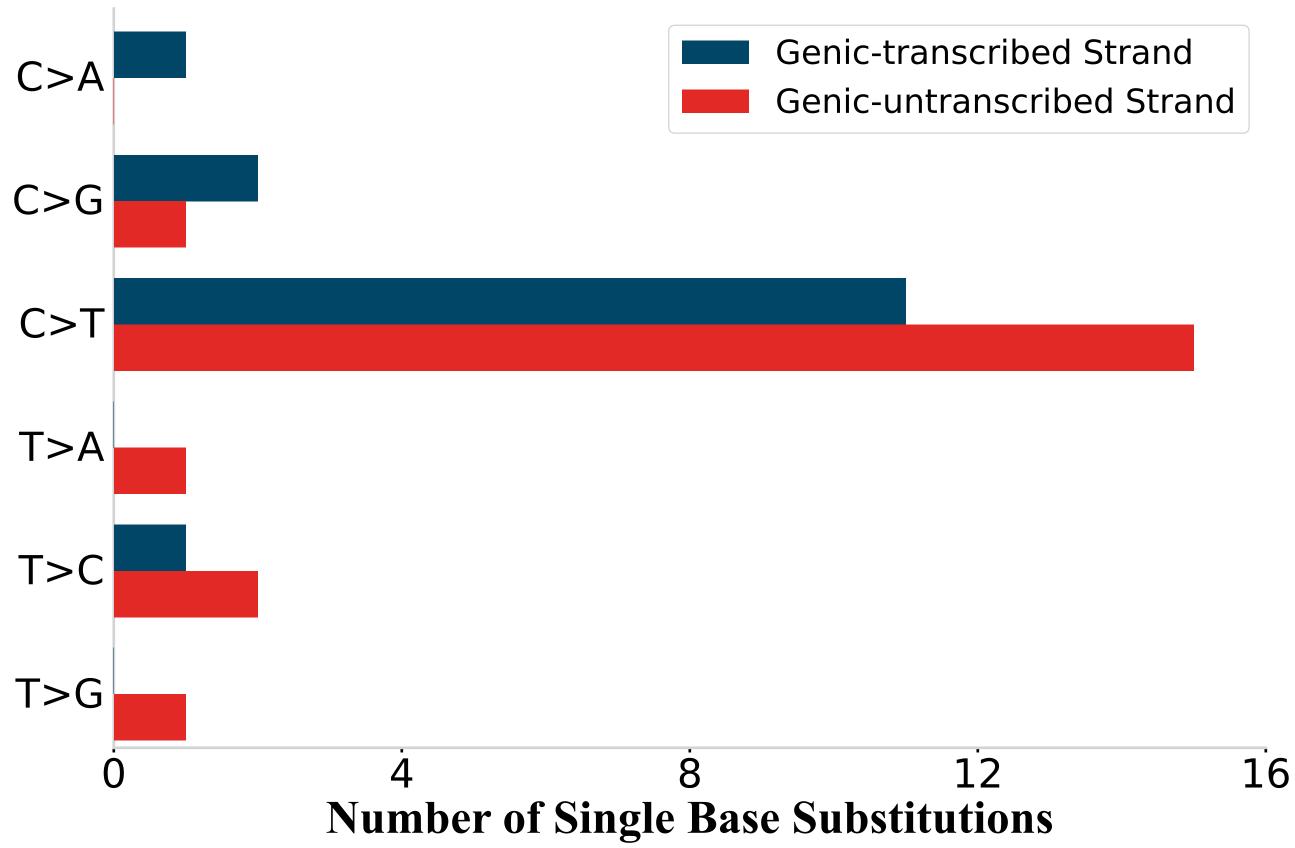
P-0021737-T01-IM6: 5 transcribed subs



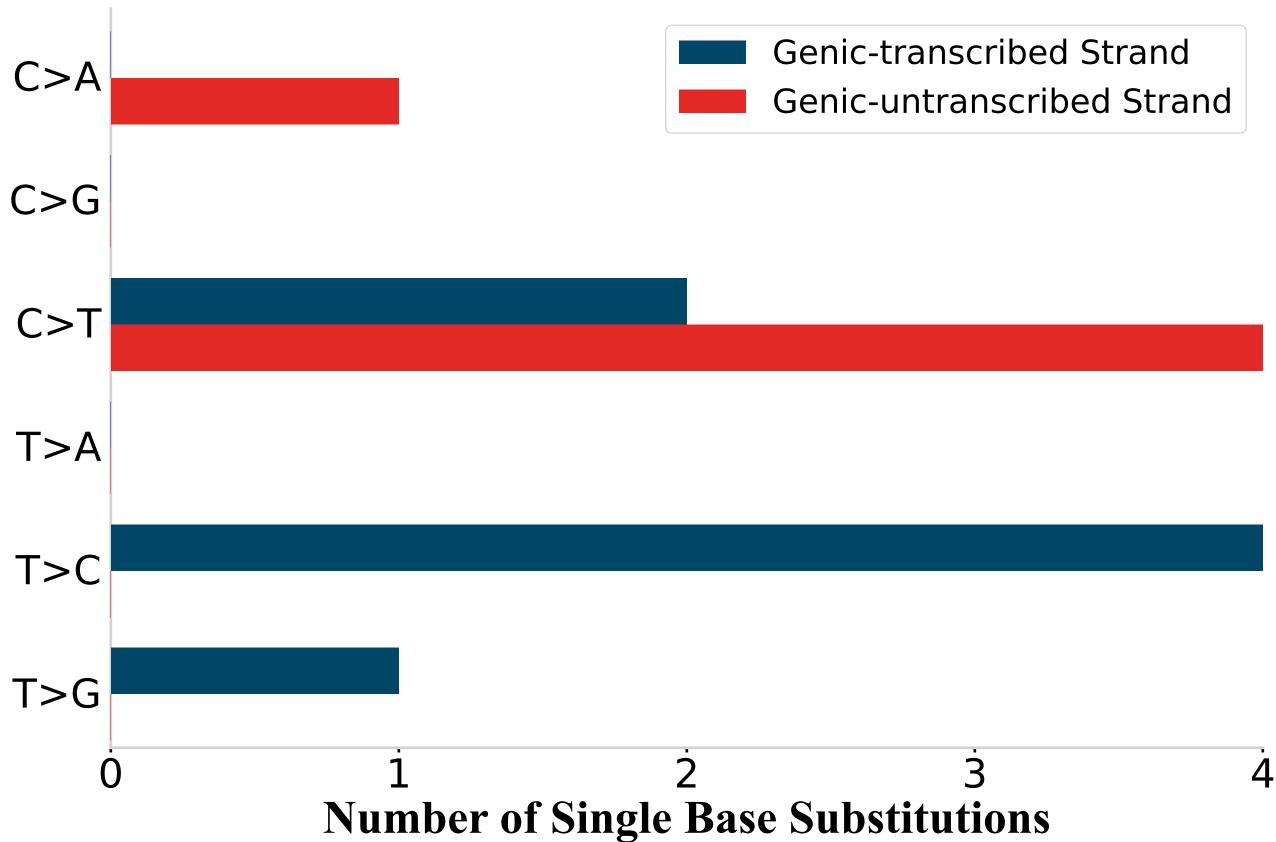
P-0021743-T01-IM6: 59 transcribed subs



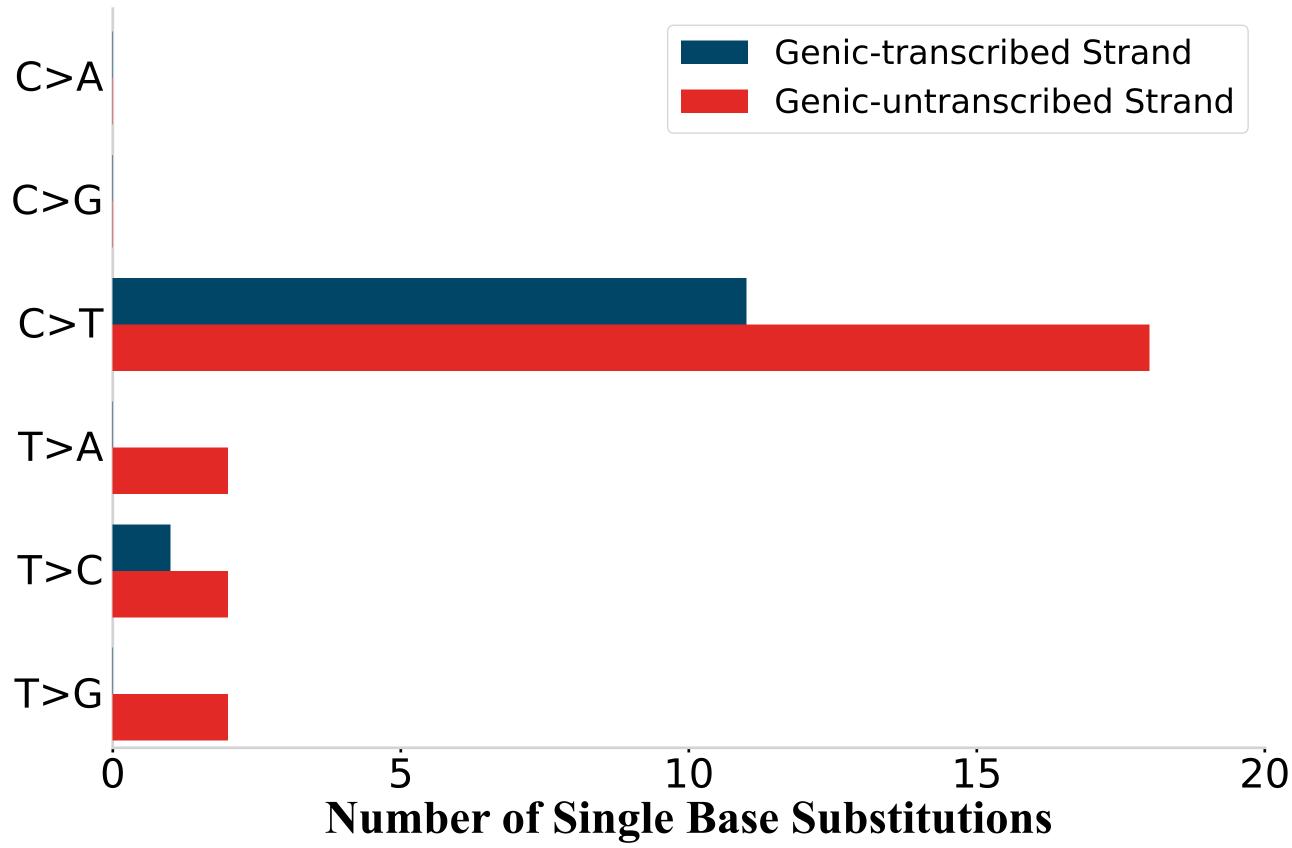
P-0021783-T01-IM6: 35 transcribed subs



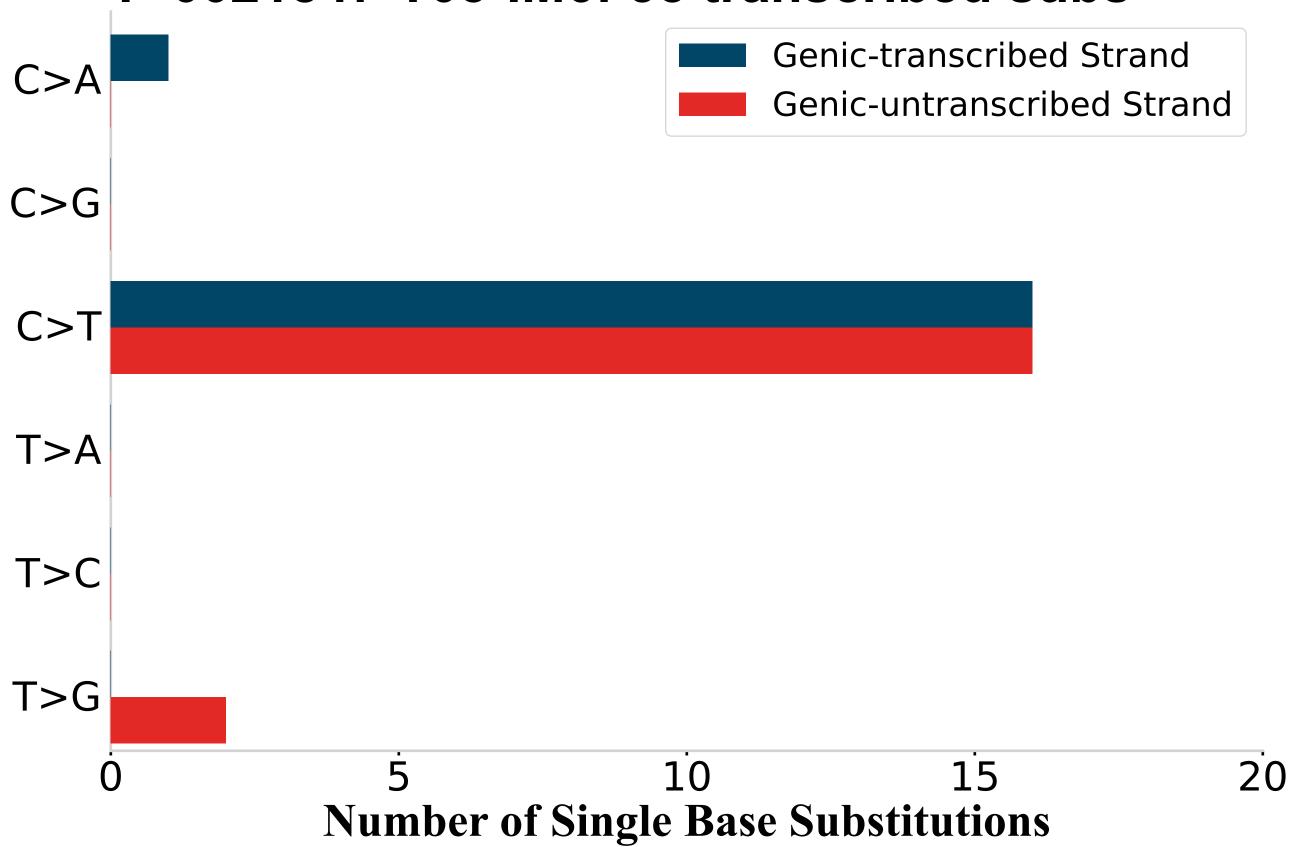
P-0021842-T01-IM6: 12 transcribed subs



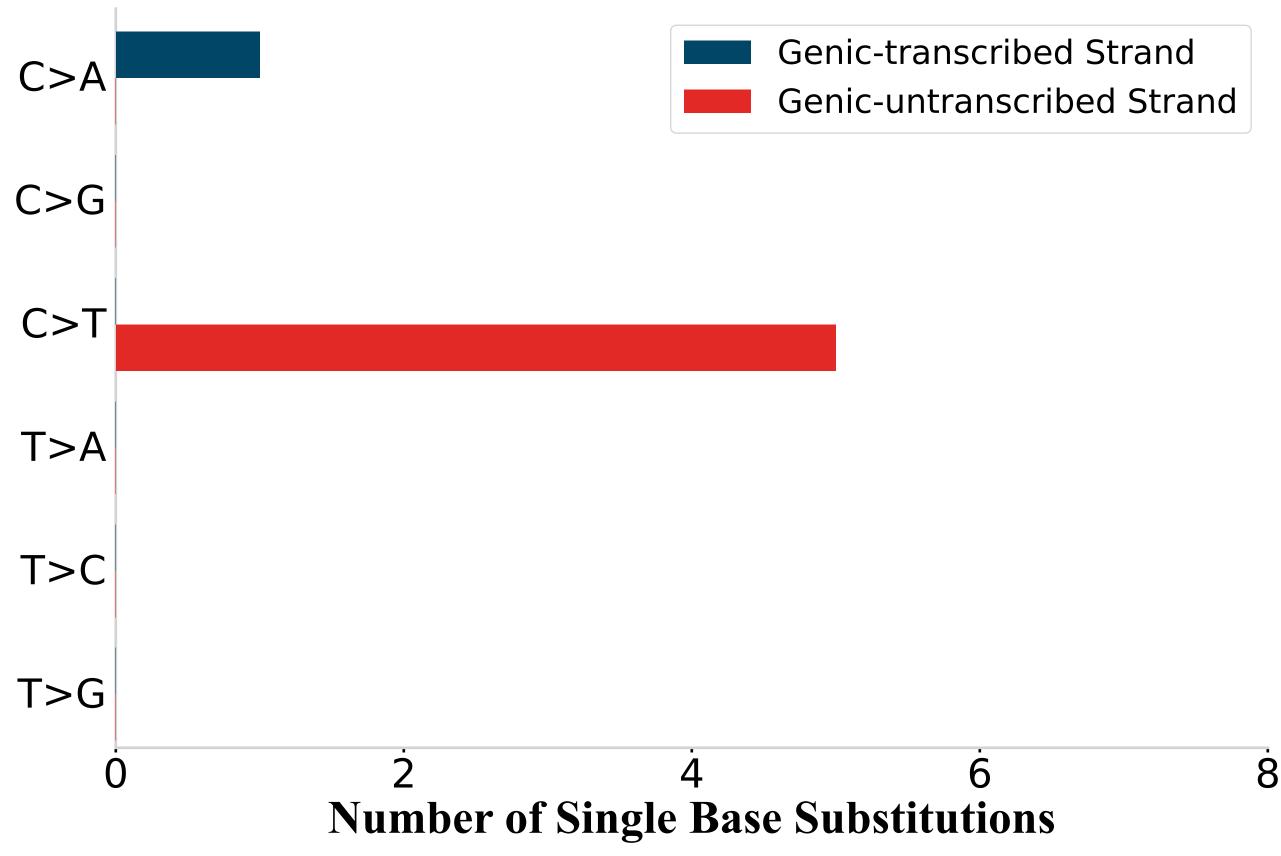
P-0021846-T01-IM6: 36 transcribed subs



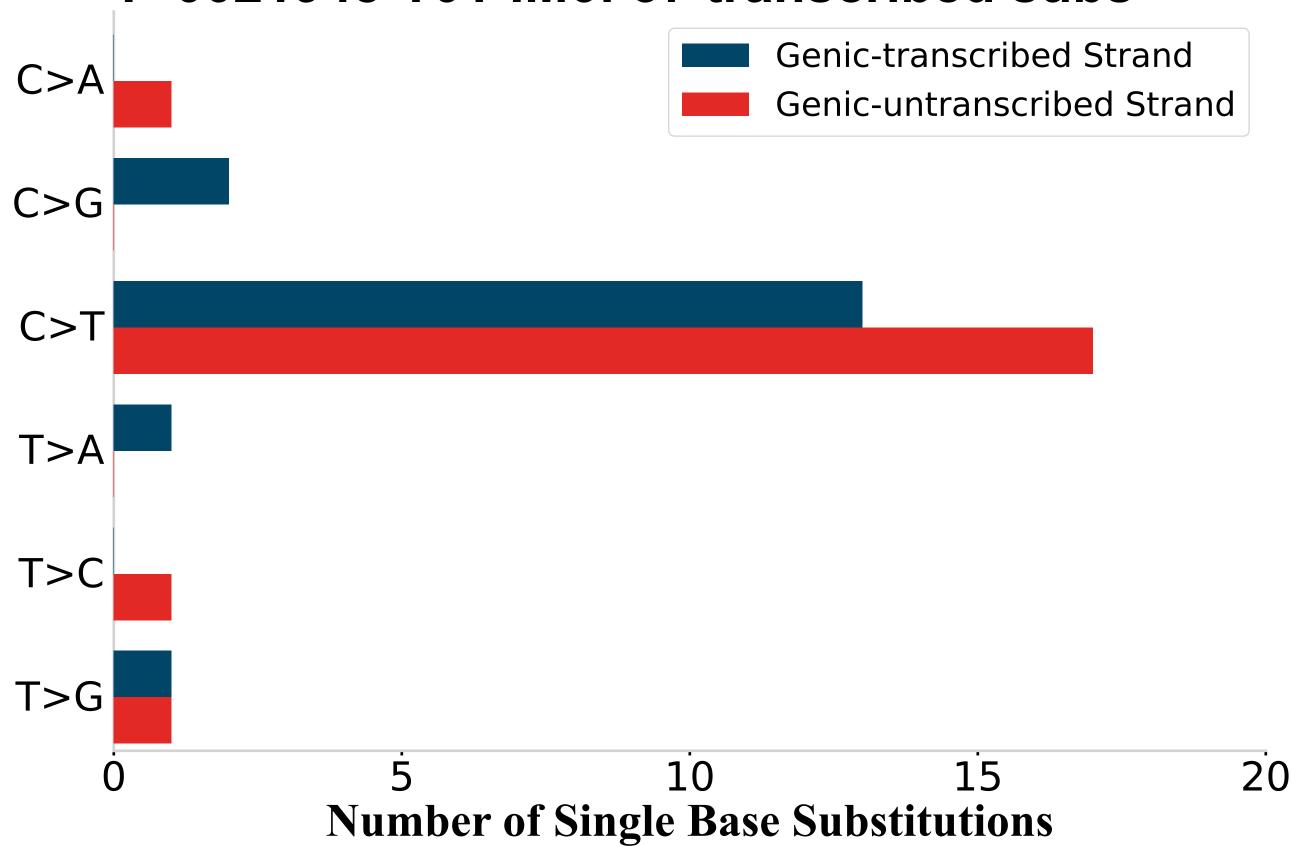
P-0021847-T03-IM6: 35 transcribed subs



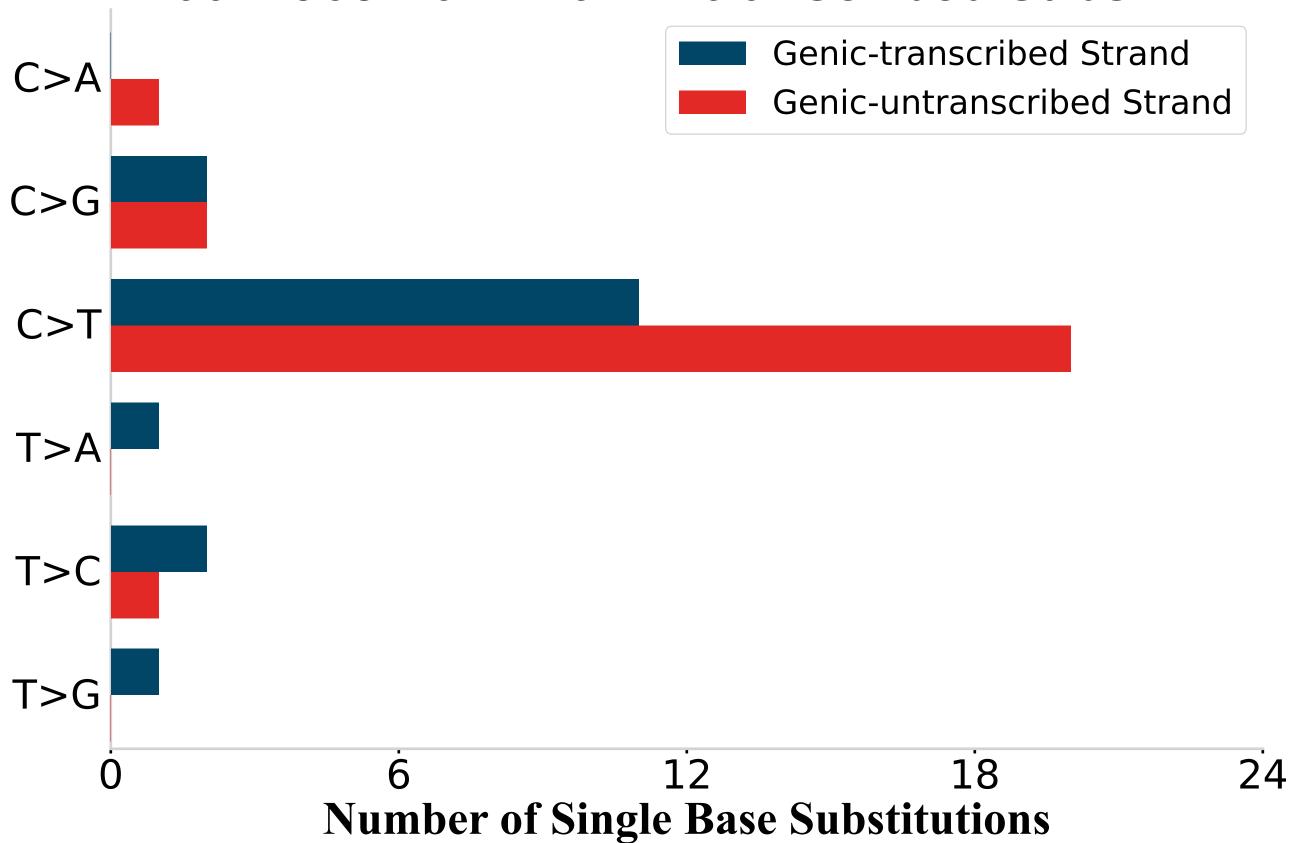
P-0021934-T01-IM6: 6 transcribed subs



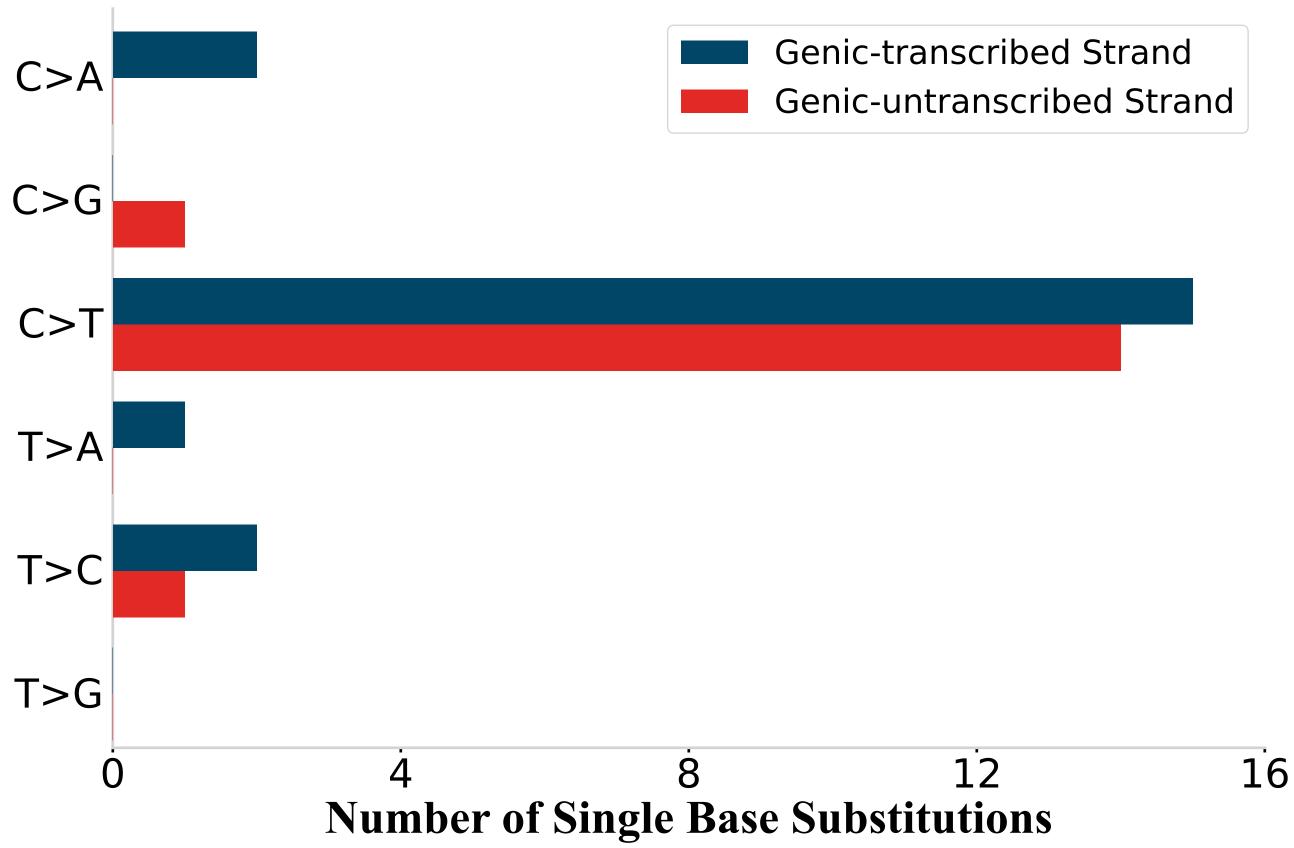
P-0021948-T01-IM6: 37 transcribed subs



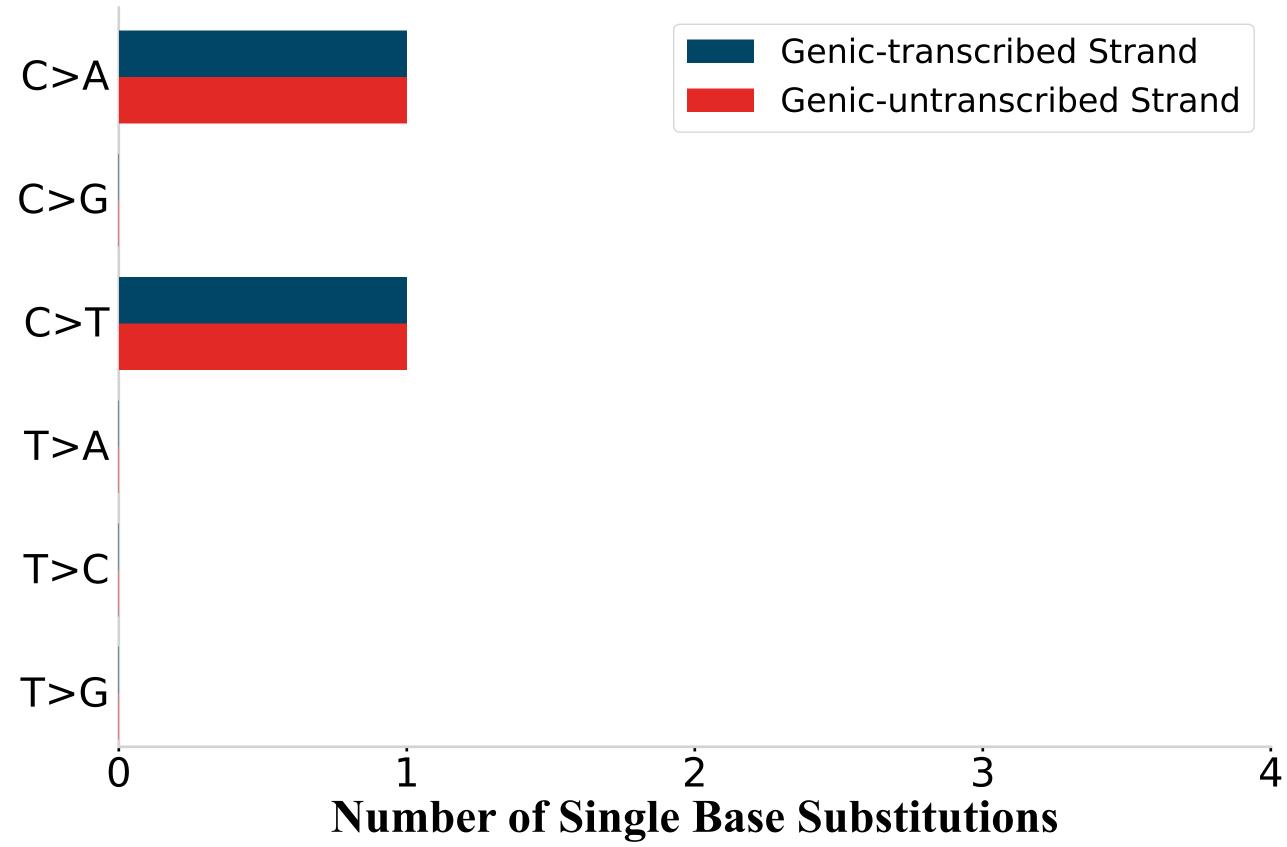
P-0021968-T01-IM6: 41 transcribed subs



P-0021995-T01-IM6: 36 transcribed subs

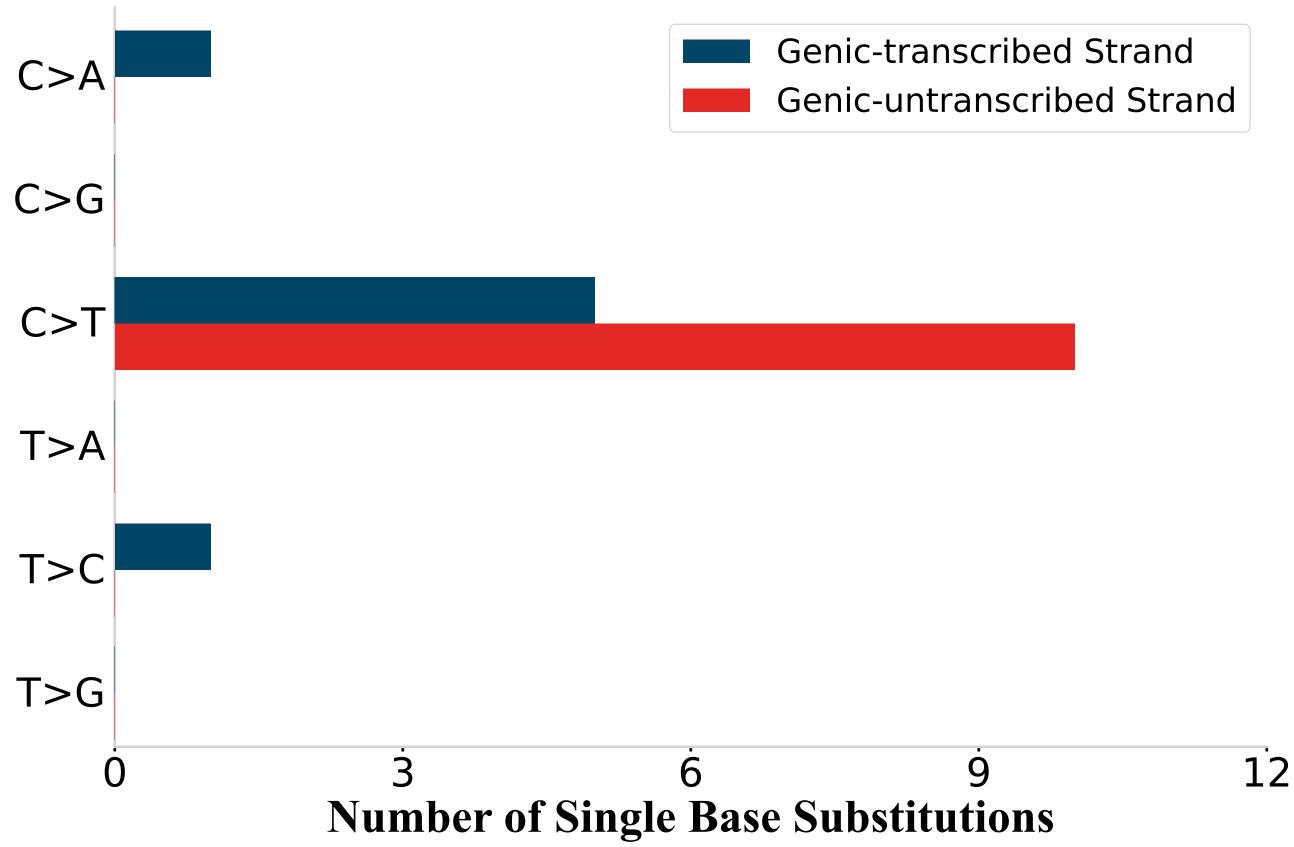


P-0022012-T01-IM6: 4 transcribed subs



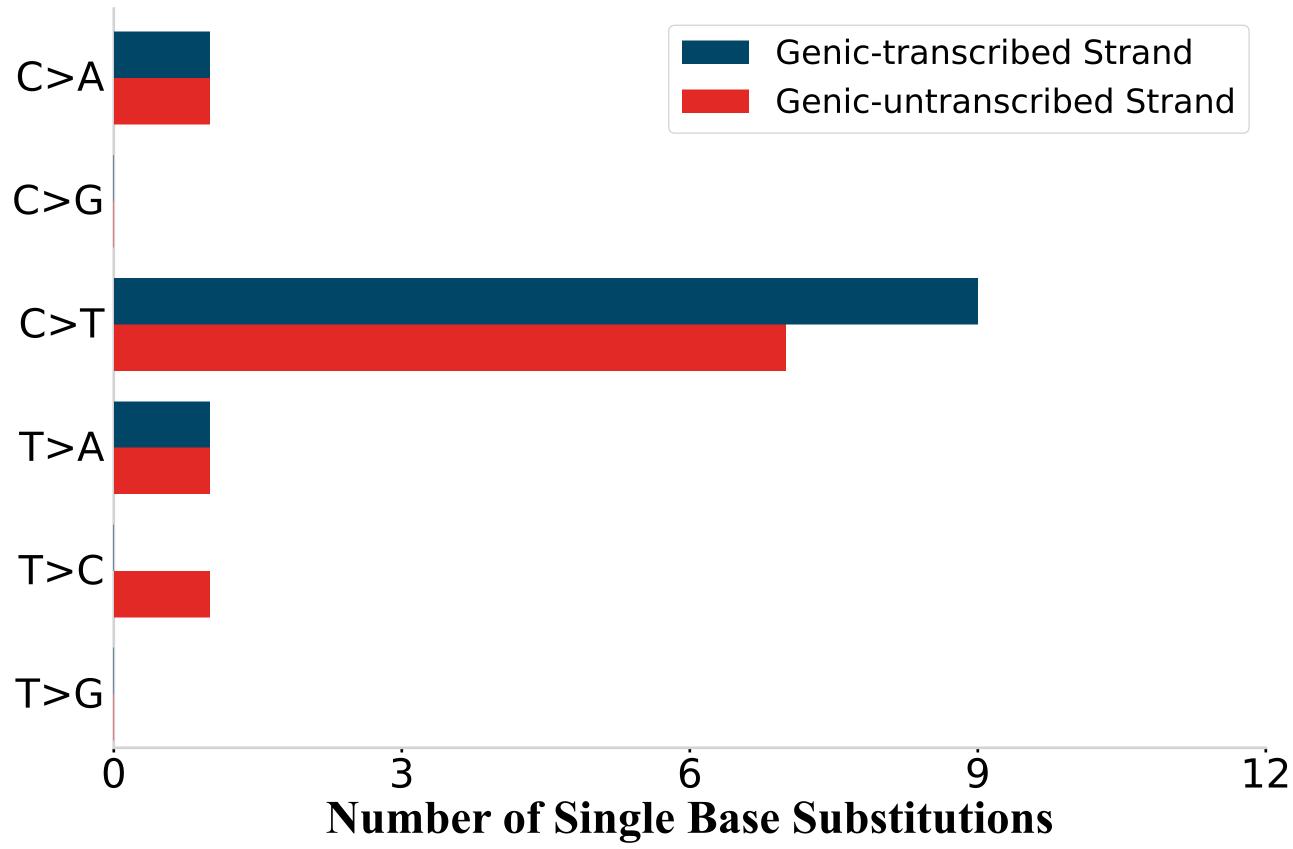
P-0022019-T01-IM6: 157 transcribed subs Genic-transcribed Strand C>A Genic-untranscribed Strand C>T T>AT>C T>G 24 72 48 96 **Number of Single Base Substitutions**

P-0022042-T01-IM6: 17 transcribed subs

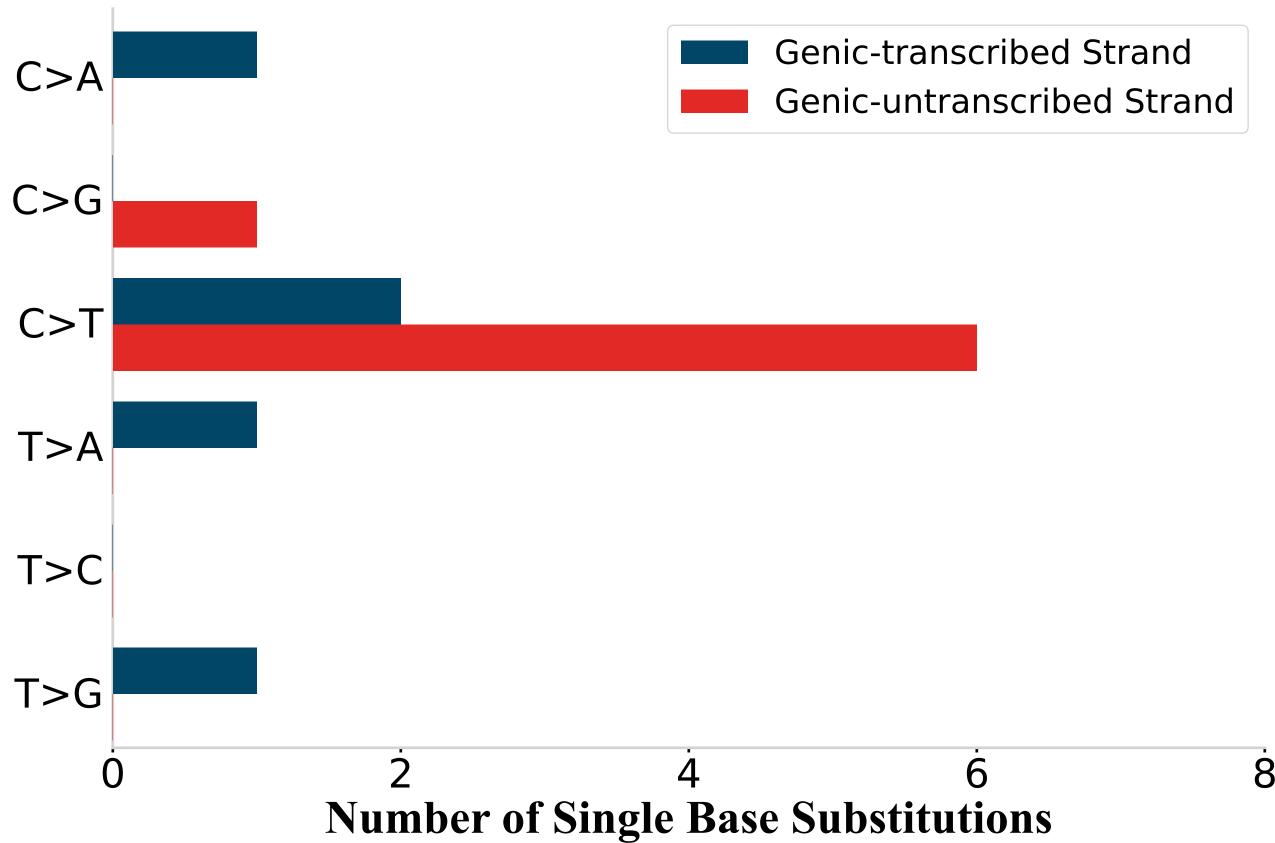


P-0022096-T01-IM6: 164 transcribed subs Genic-transcribed Strand C>A Genic-untranscribed Strand C>T T>A T>C T>G 27 108 54 81 **Number of Single Base Substitutions**

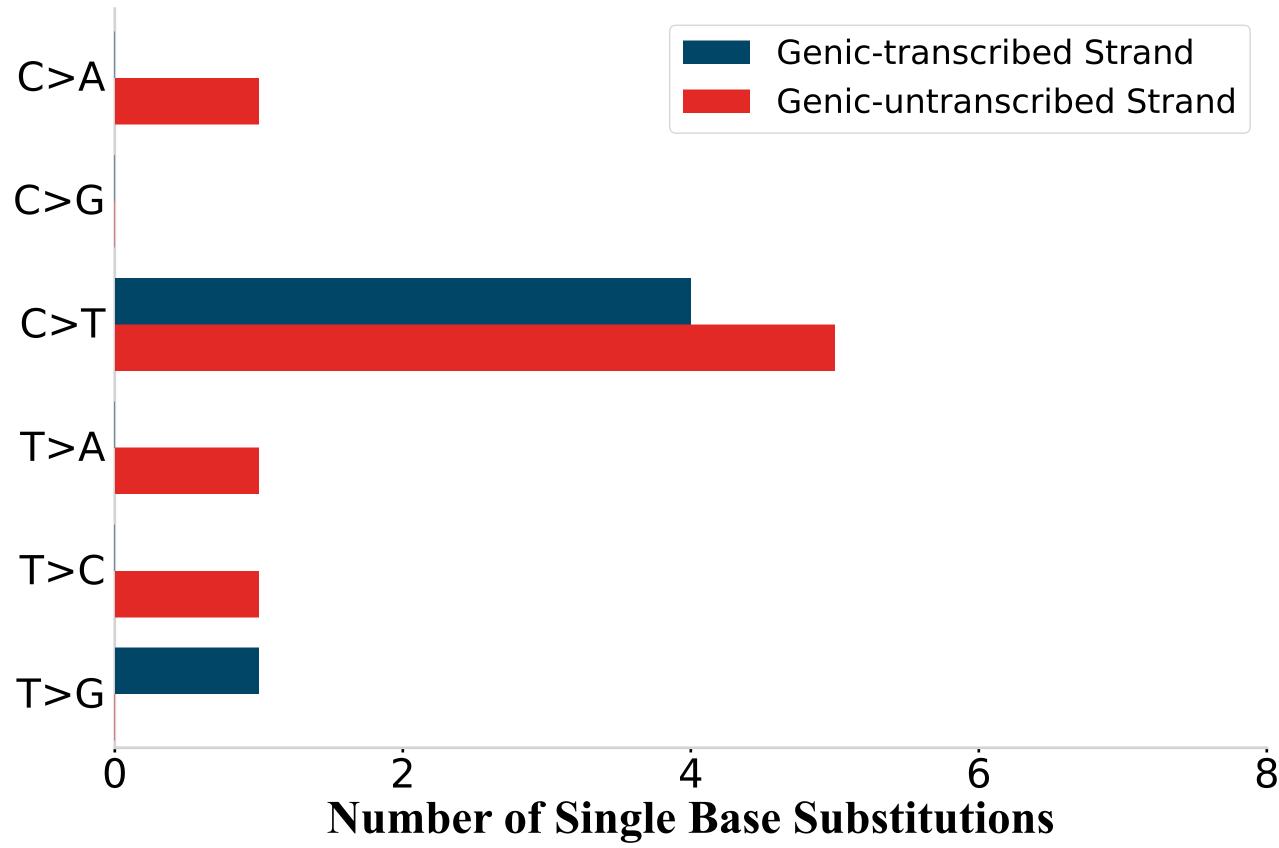
P-0022123-T01-IM6: 21 transcribed subs



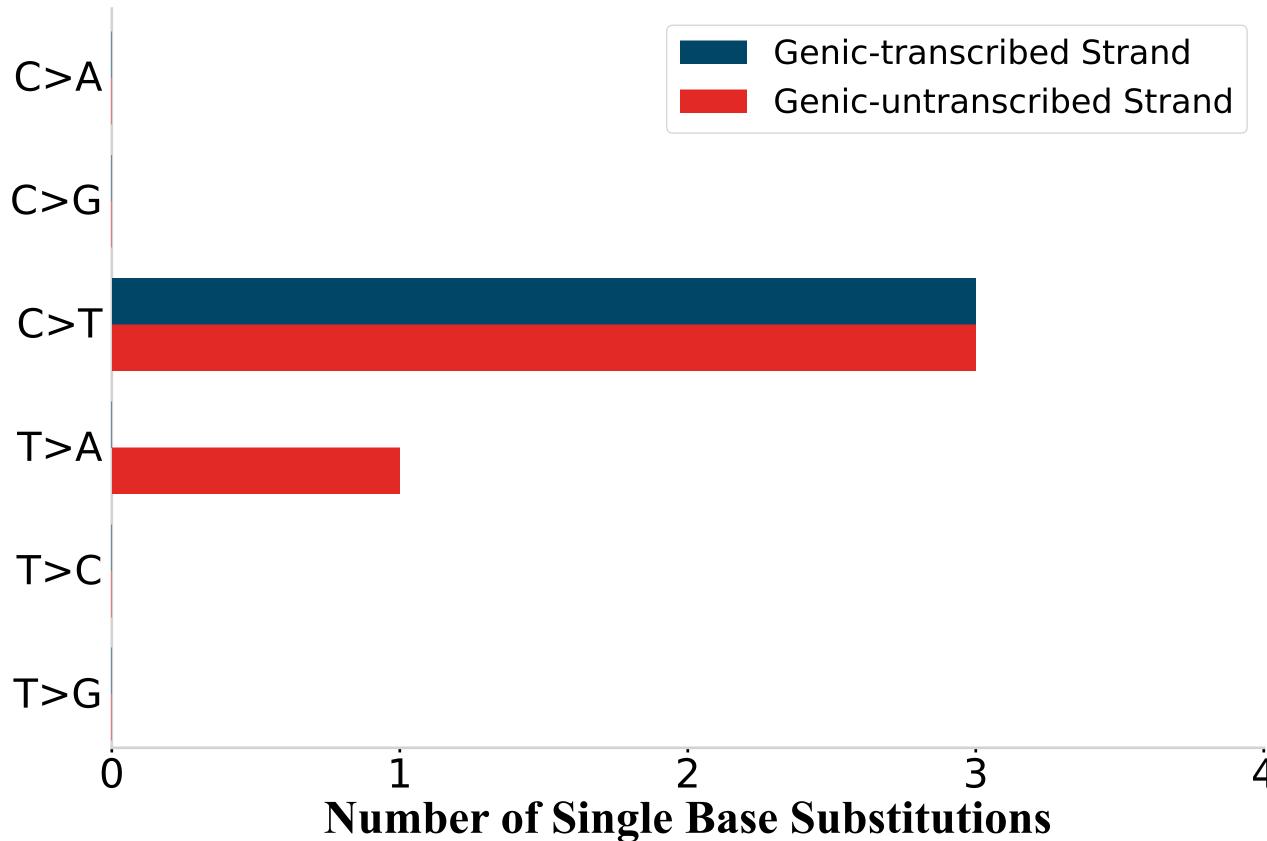
P-0022140-T01-IM6: 12 transcribed subs



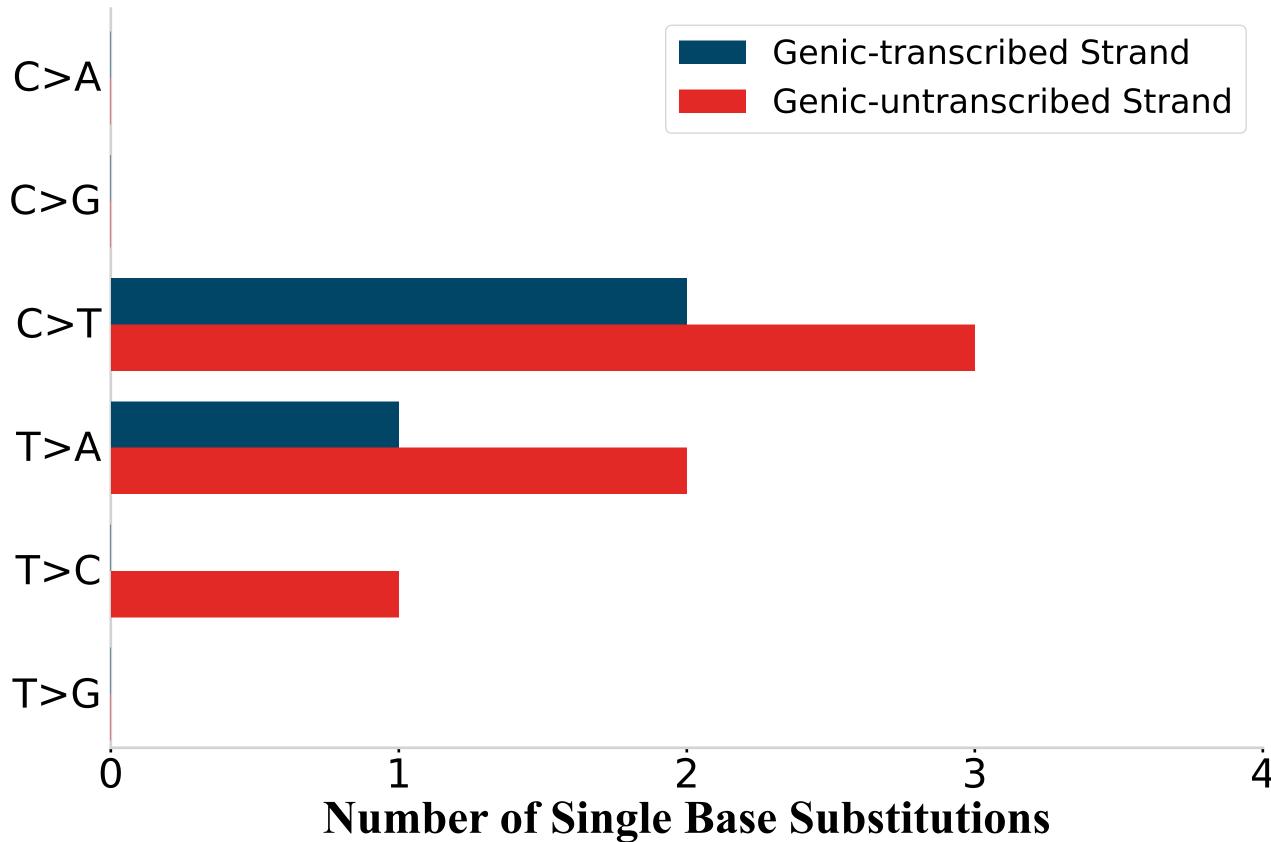
P-0022146-T01-IM6: 13 transcribed subs



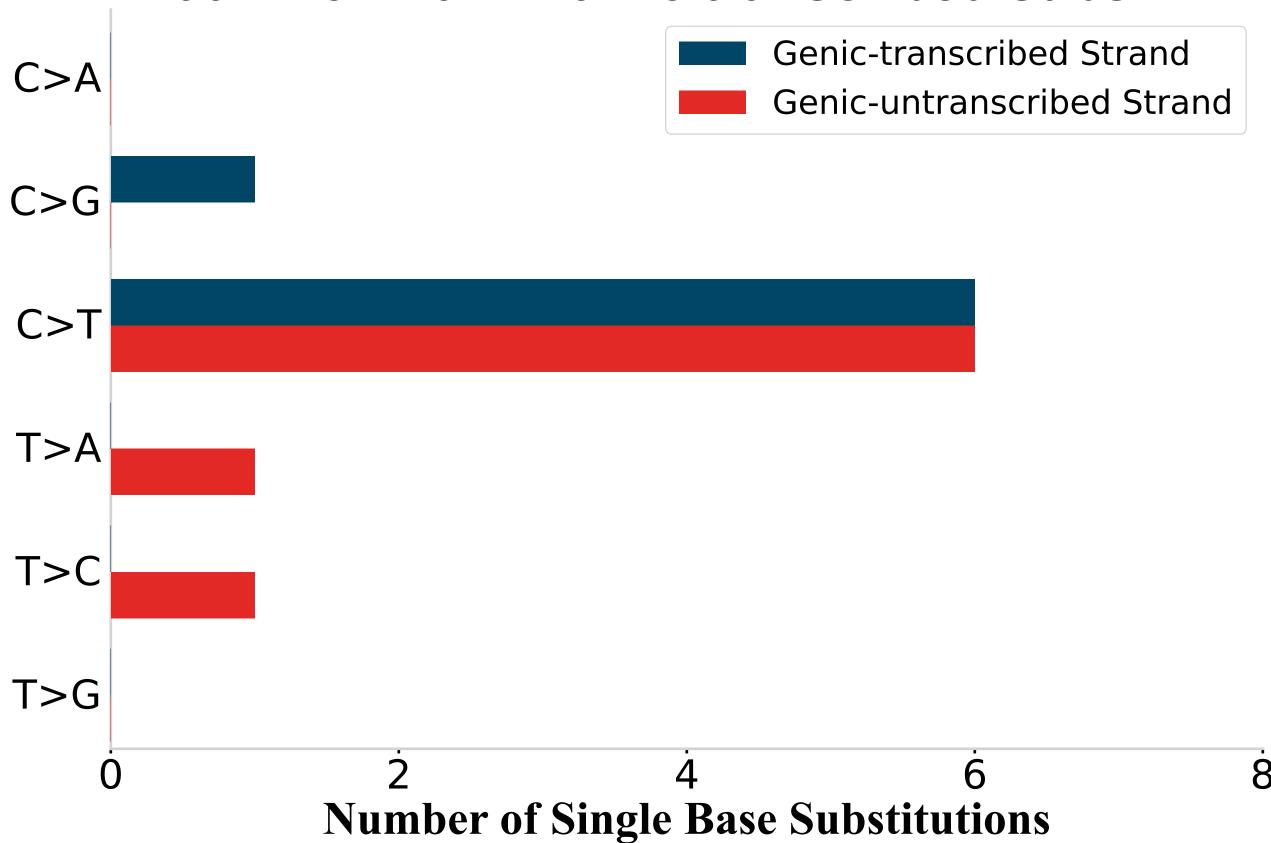
P-0022168-T02-IM6: 7 transcribed subs



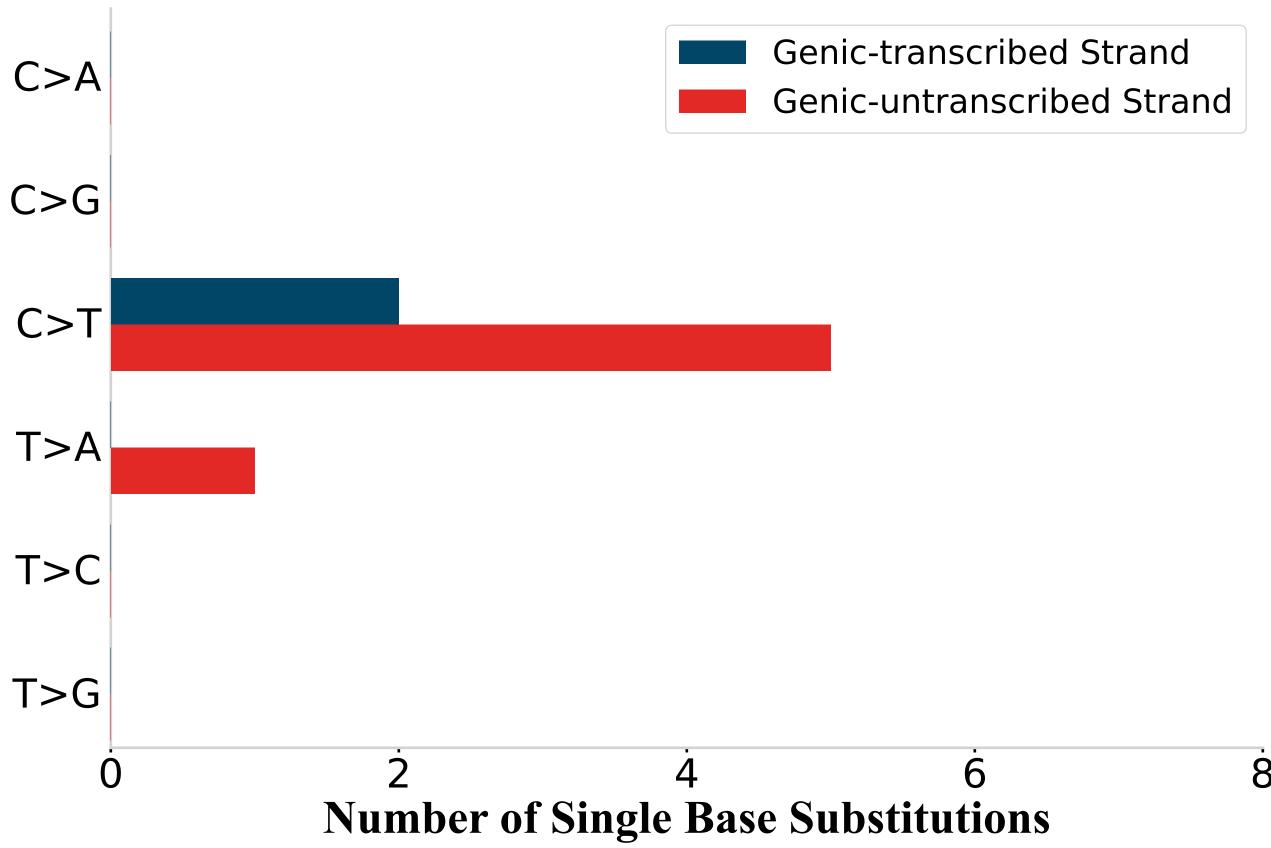
P-0022177-T01-IM6: 9 transcribed subs



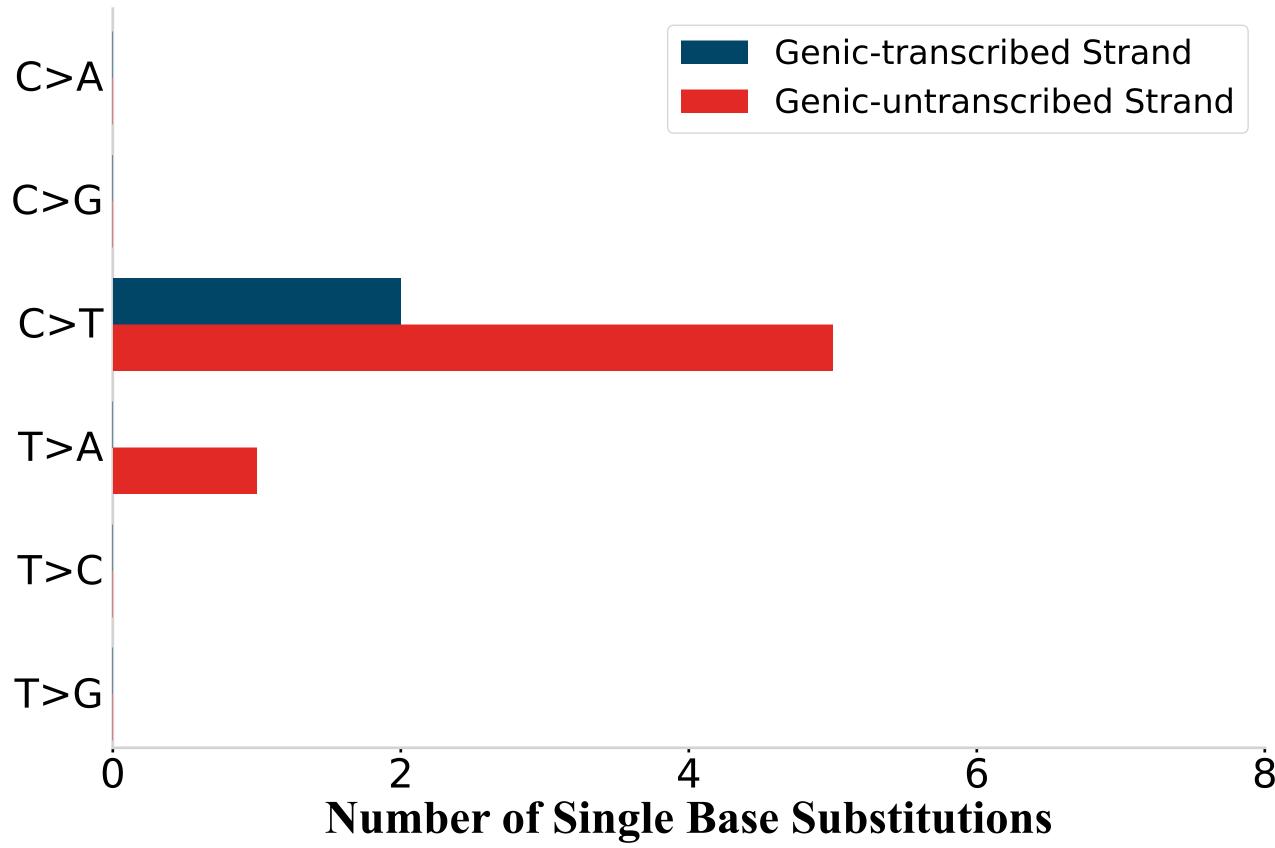
P-0022232-T01-IM6: 15 transcribed subs



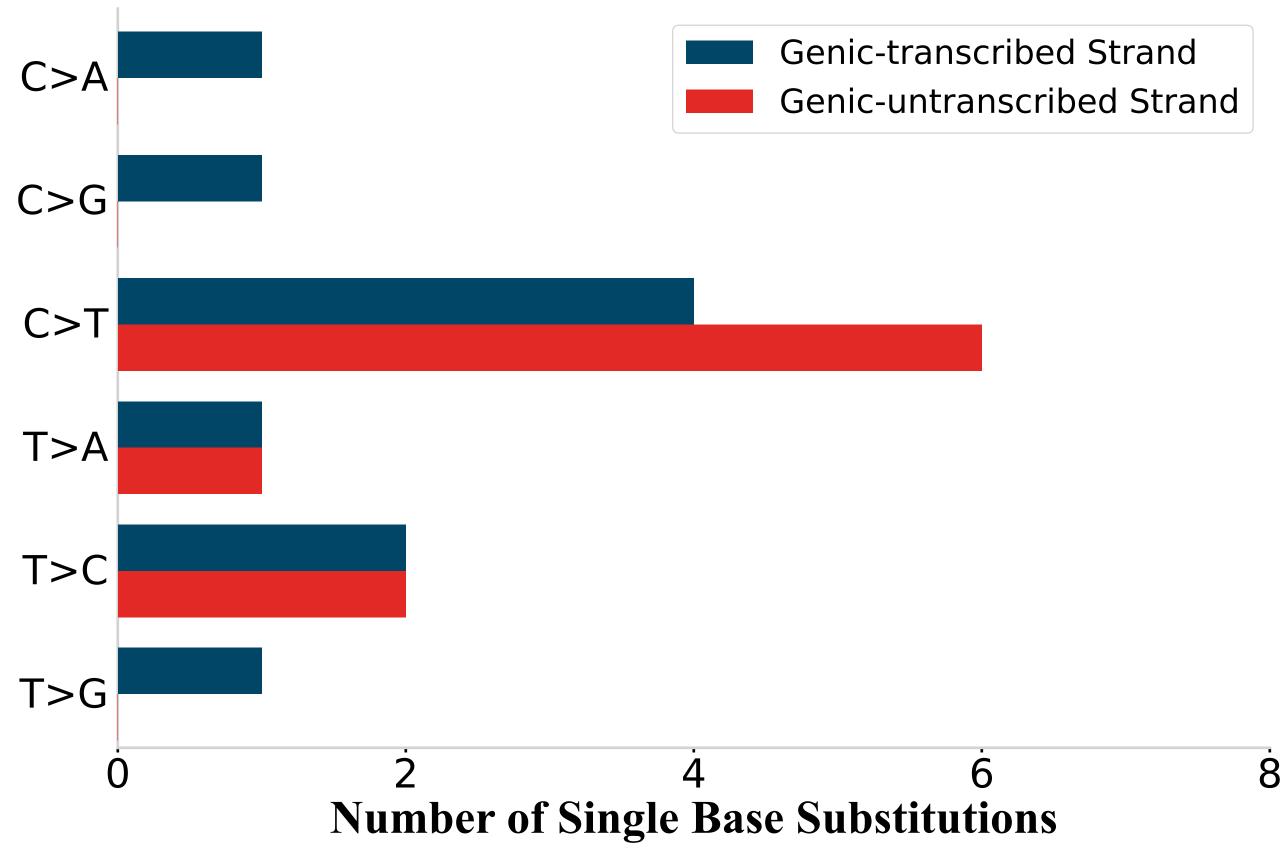
P-0022308-T01-IM6: 8 transcribed subs



P-0022366-T01-IM6: 8 transcribed subs



P-0022384-T01-IM6: 19 transcribed subs

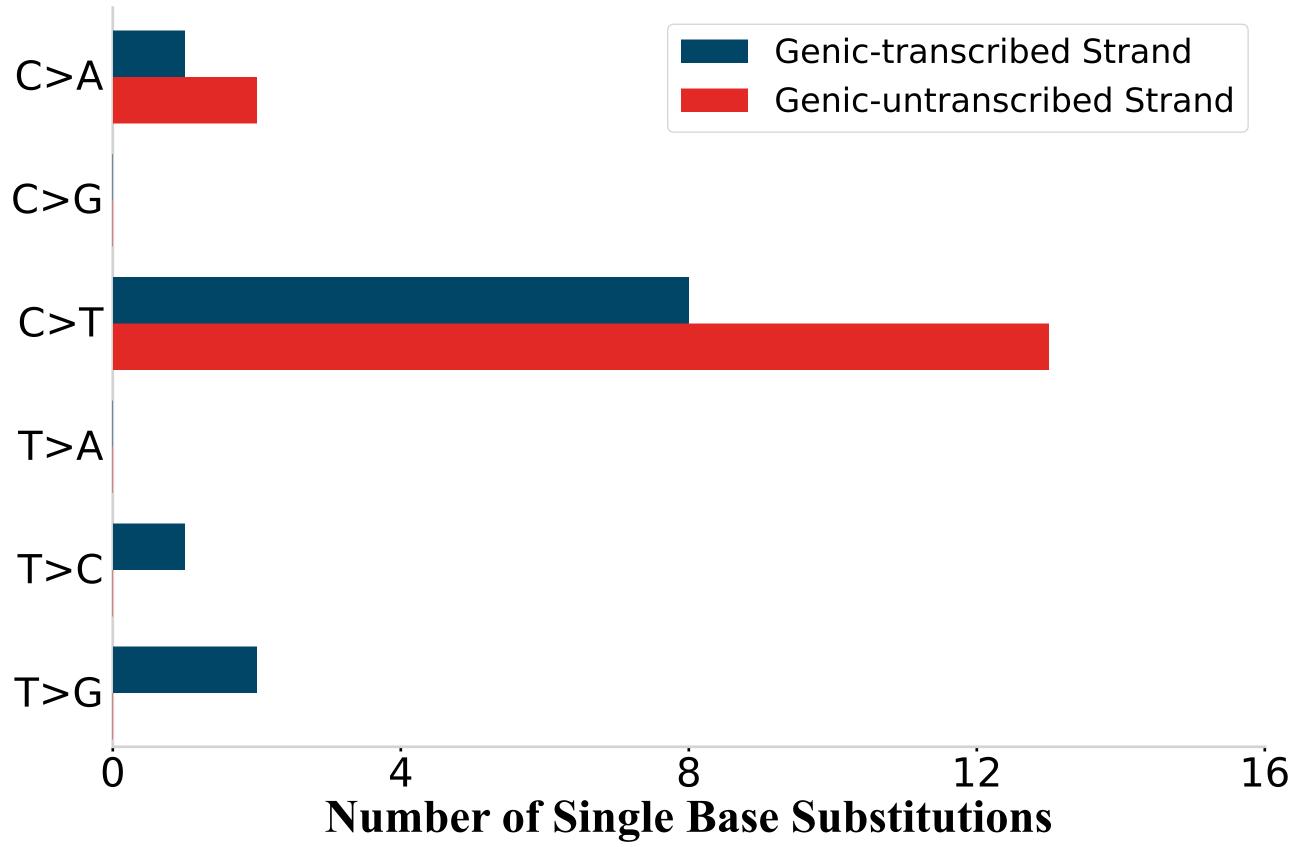


P-0022392-T01-IM6: 0 transcribed subs

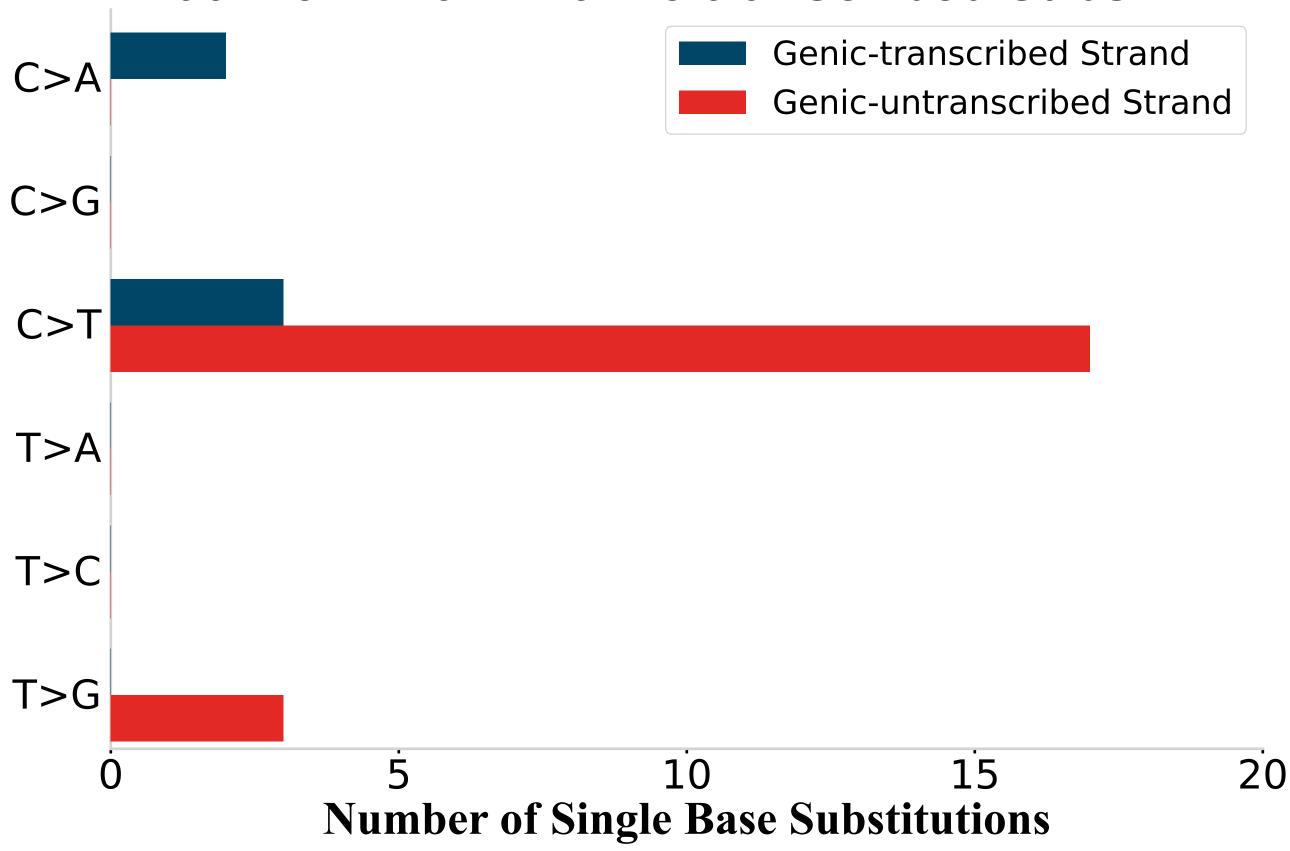


Number of Single Base Substitutions

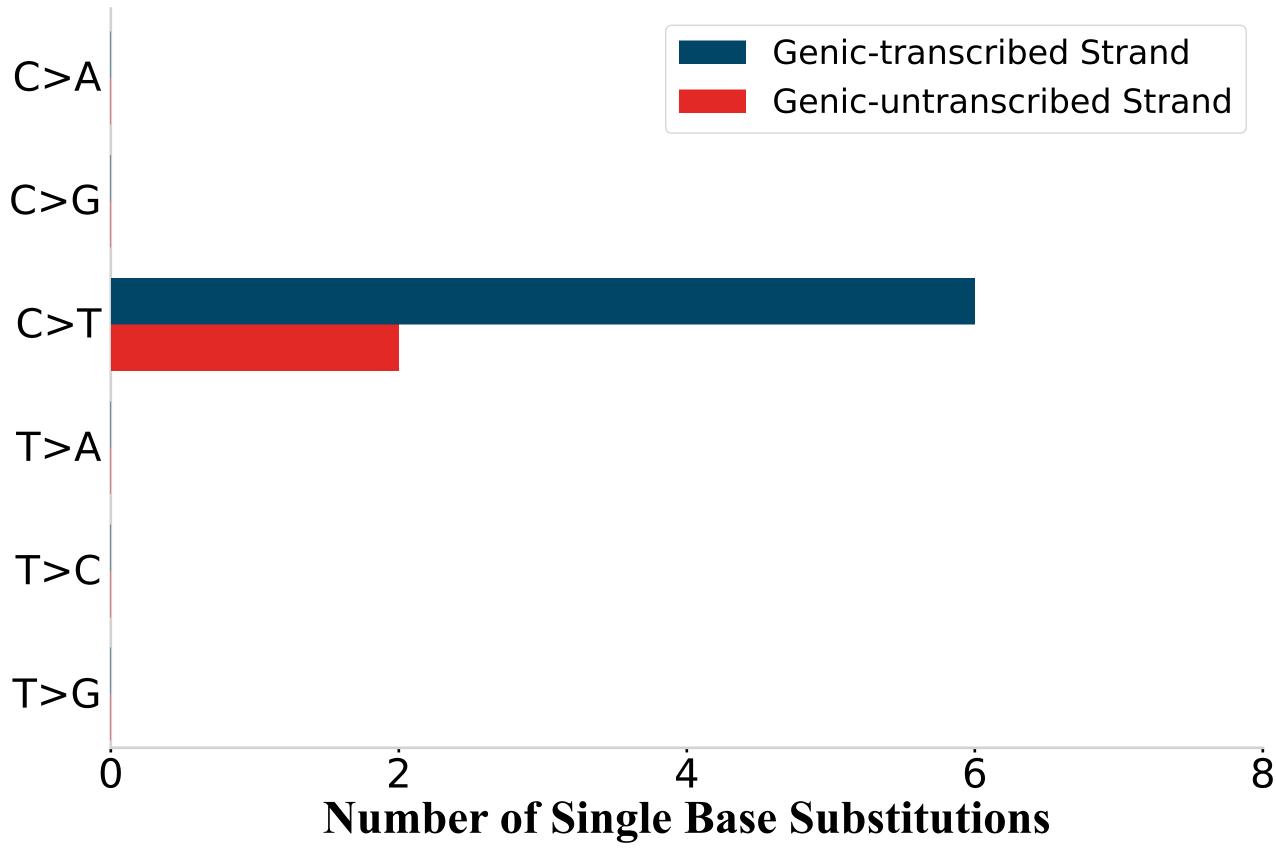
P-0022471-T01-IM6: 27 transcribed subs



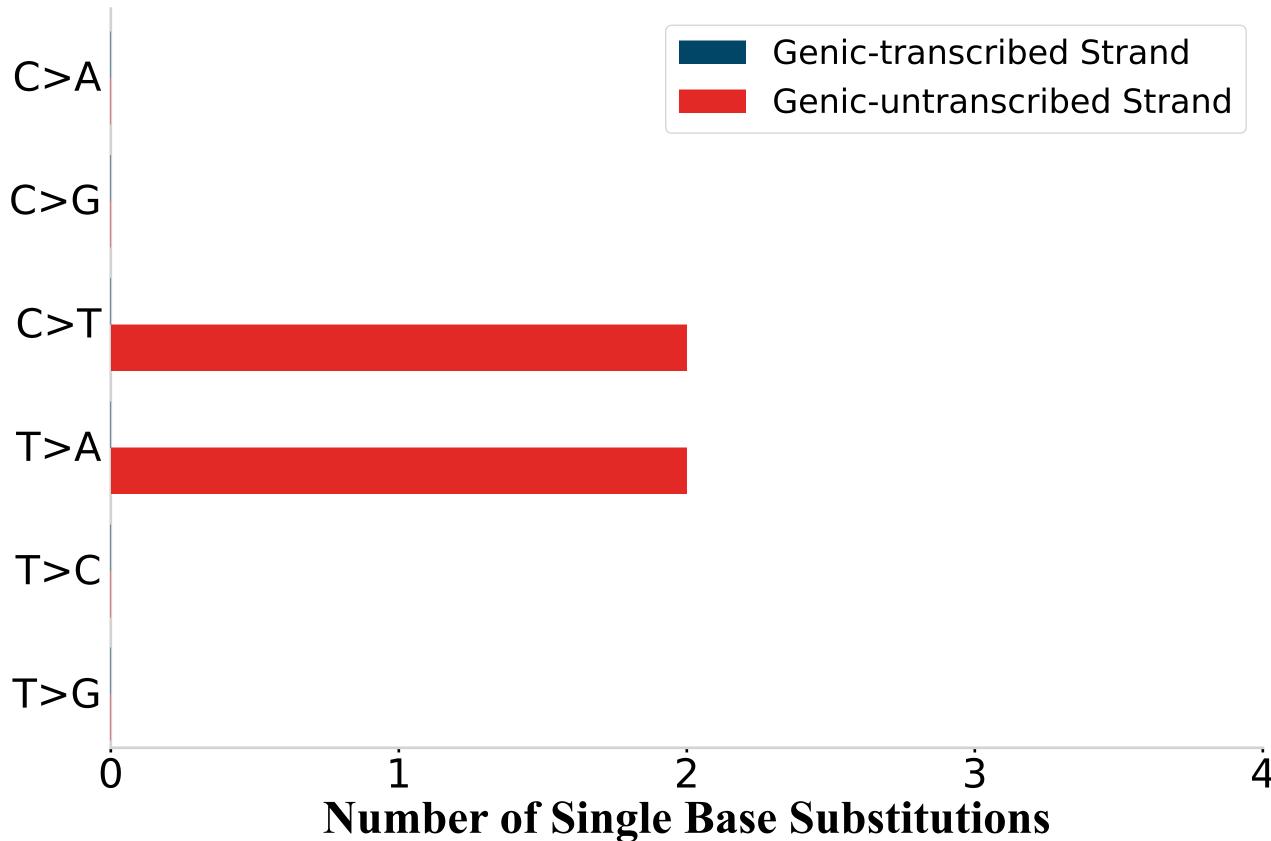
P-0022542-T02-IM6: 25 transcribed subs



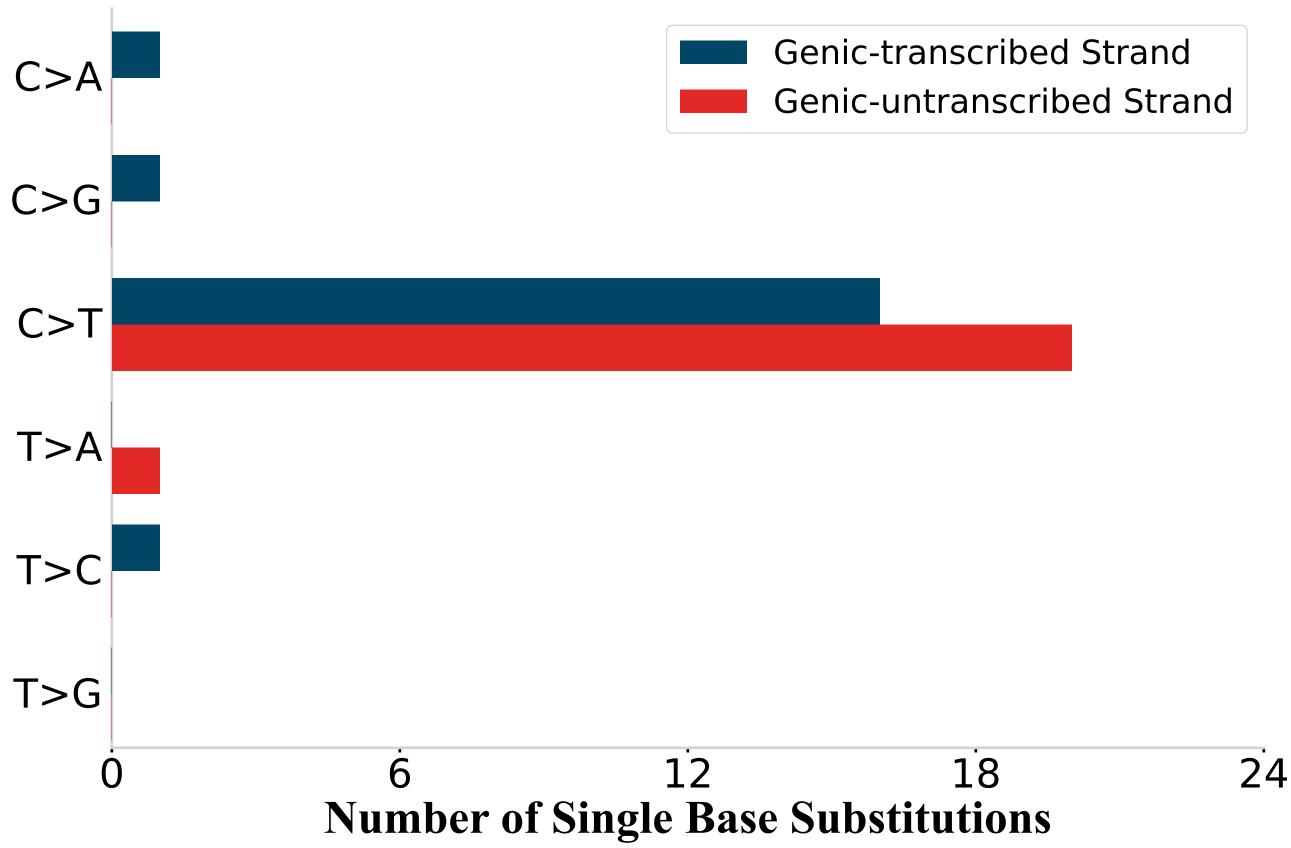
P-0022570-T01-IM6: 8 transcribed subs



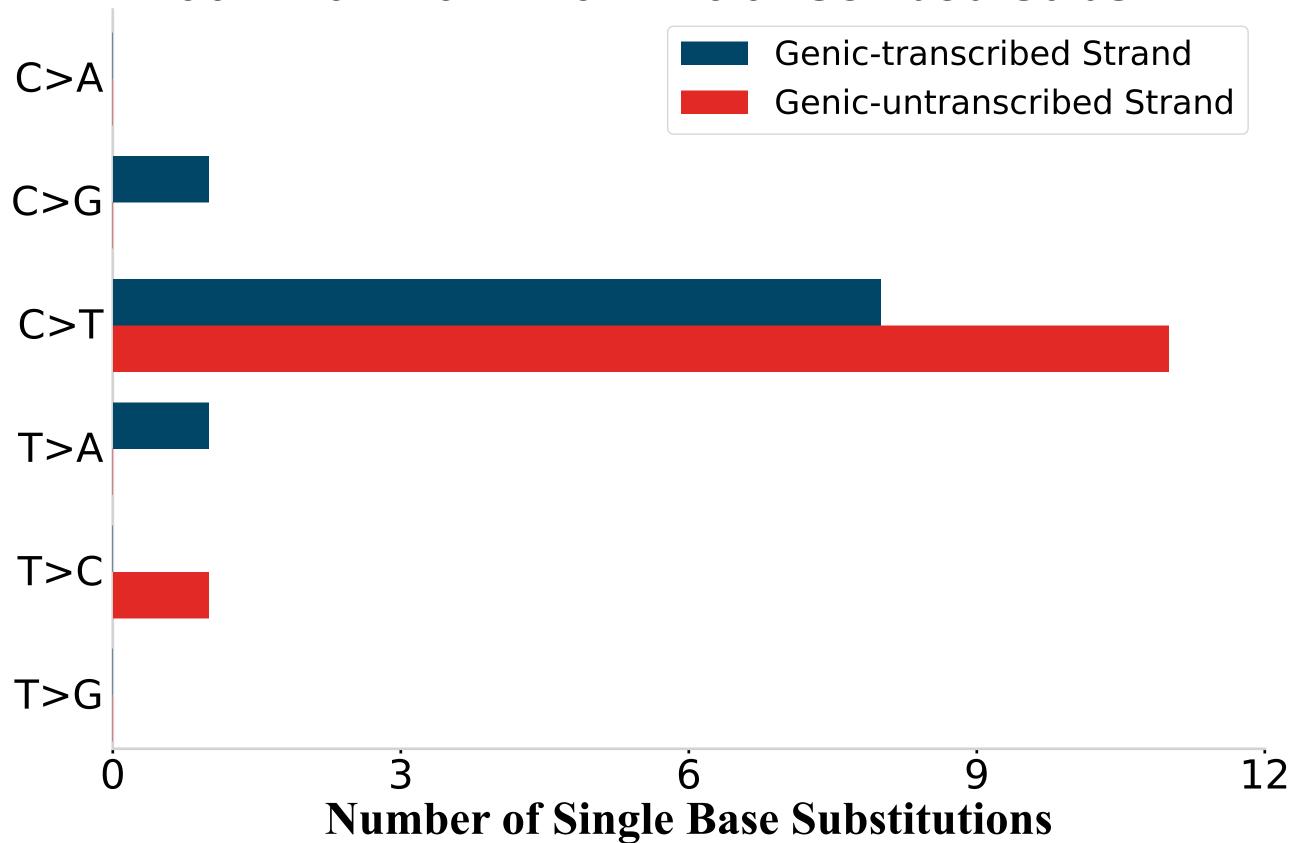
P-0022670-T01-IM6: 4 transcribed subs



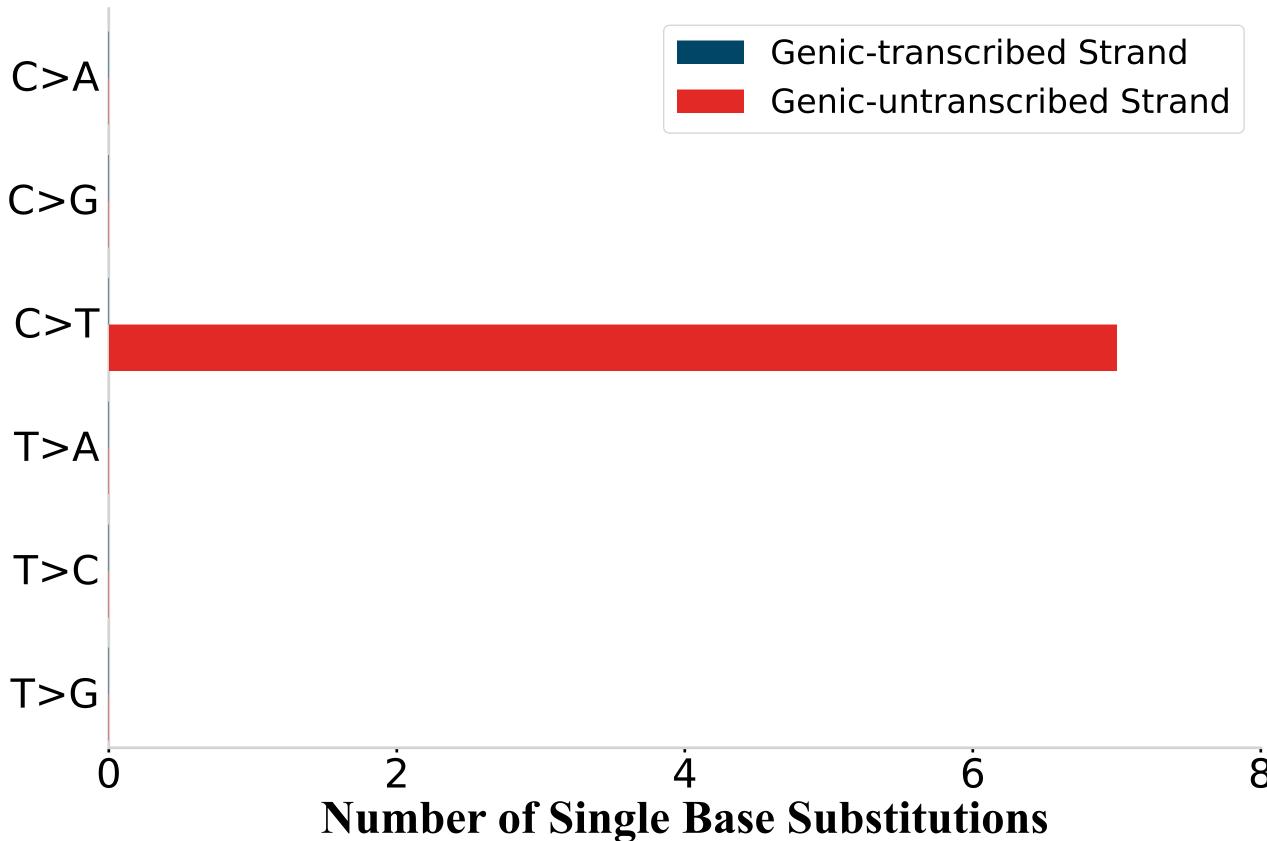
P-0022680-T01-IM6: 40 transcribed subs



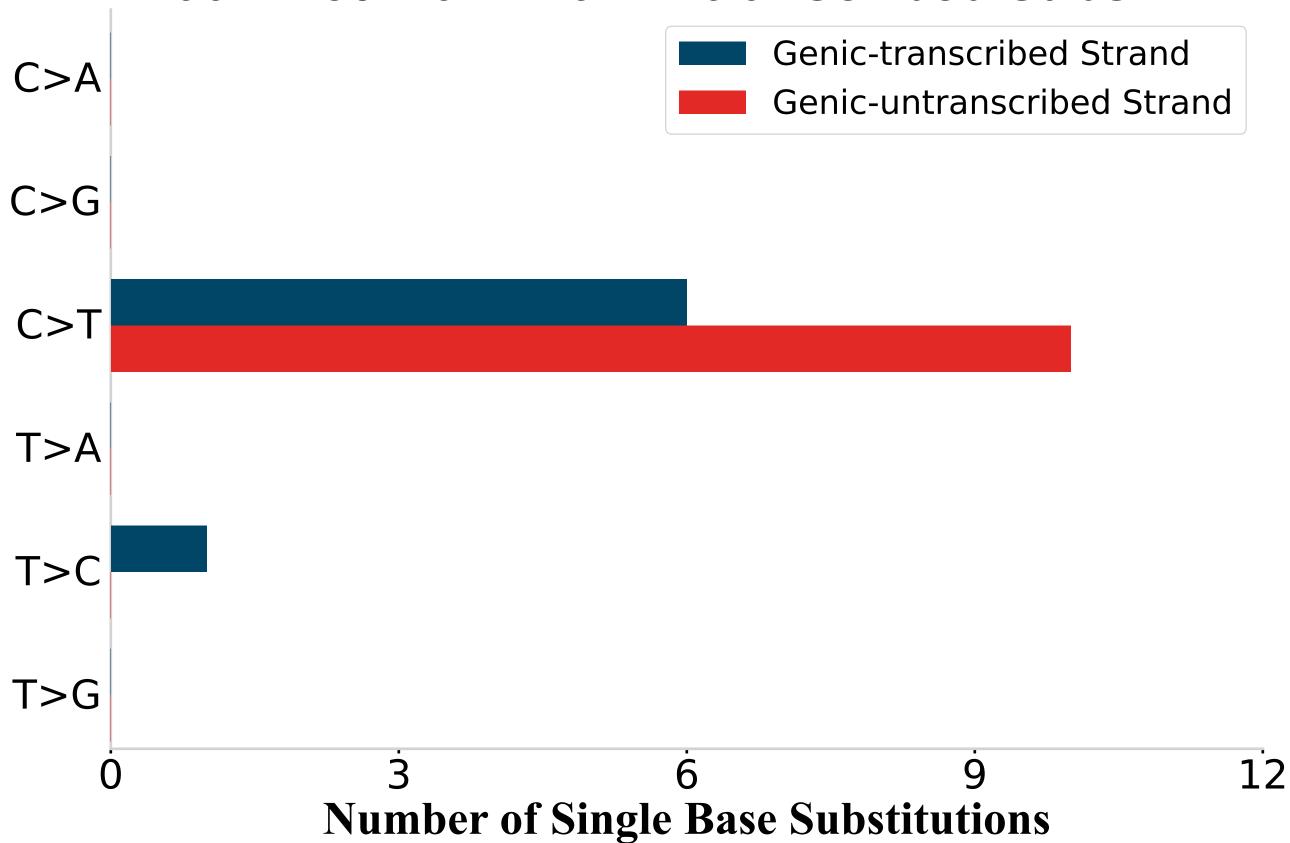
P-0022702-T01-IM6: 22 transcribed subs



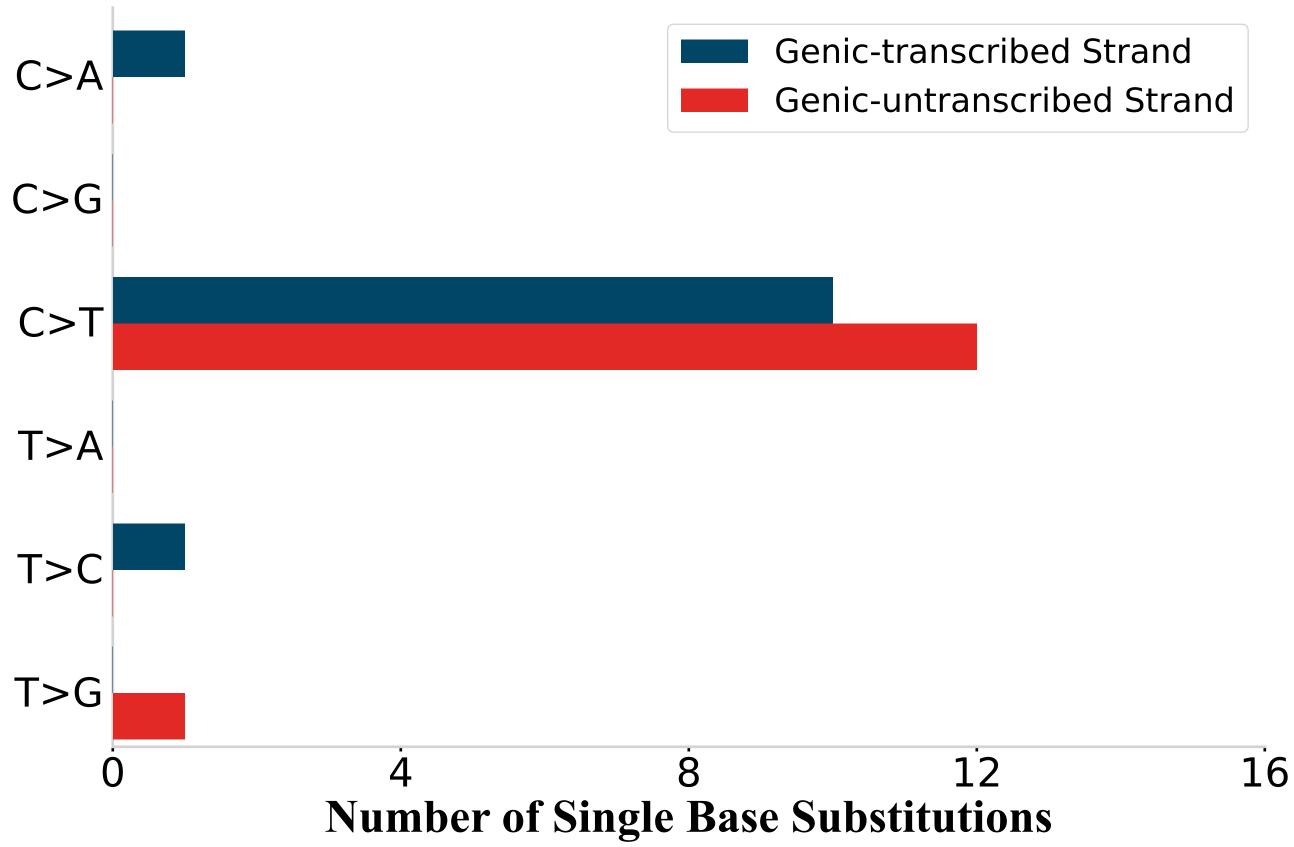
P-0022743-T01-IM6: 7 transcribed subs



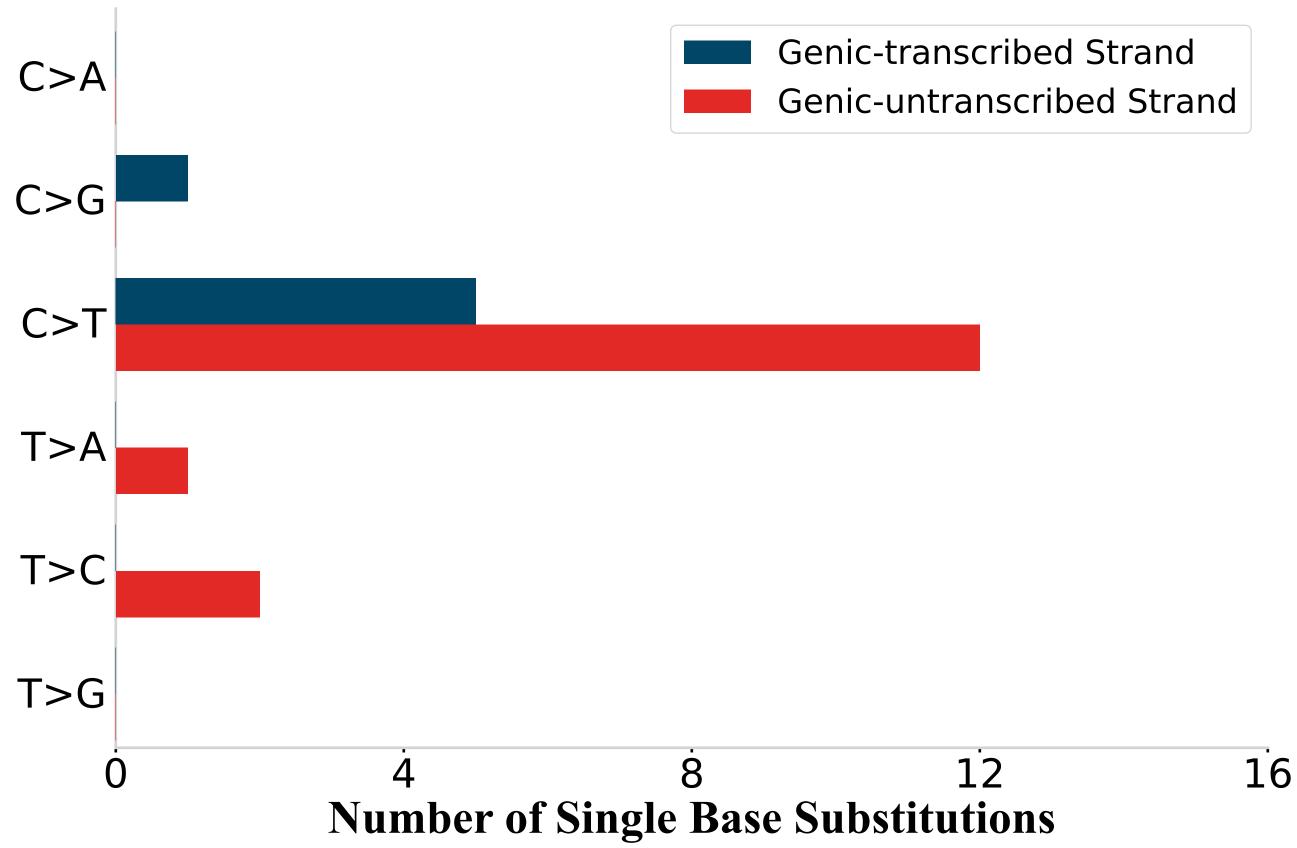
P-0022759-T01-IM6: 17 transcribed subs



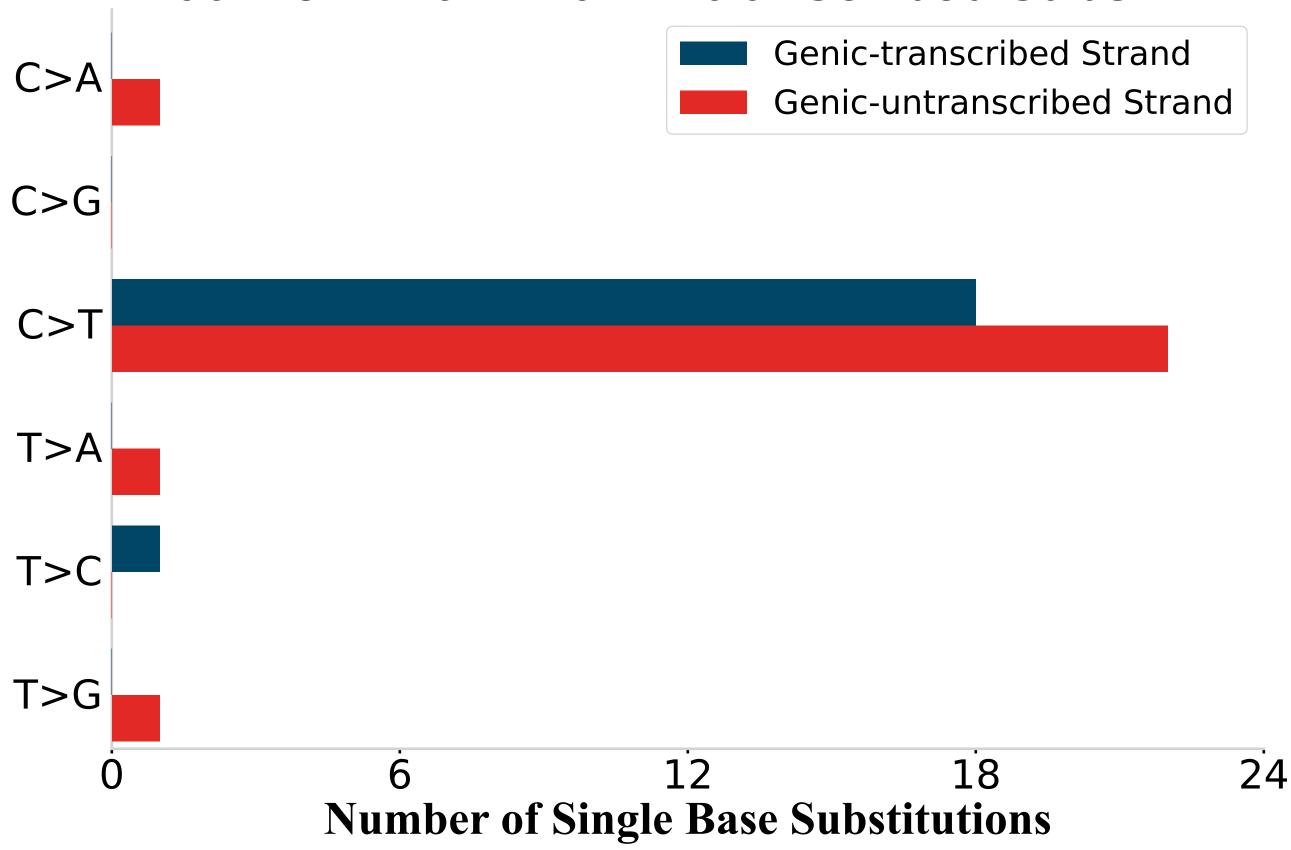
P-0022795-T01-IM6: 25 transcribed subs



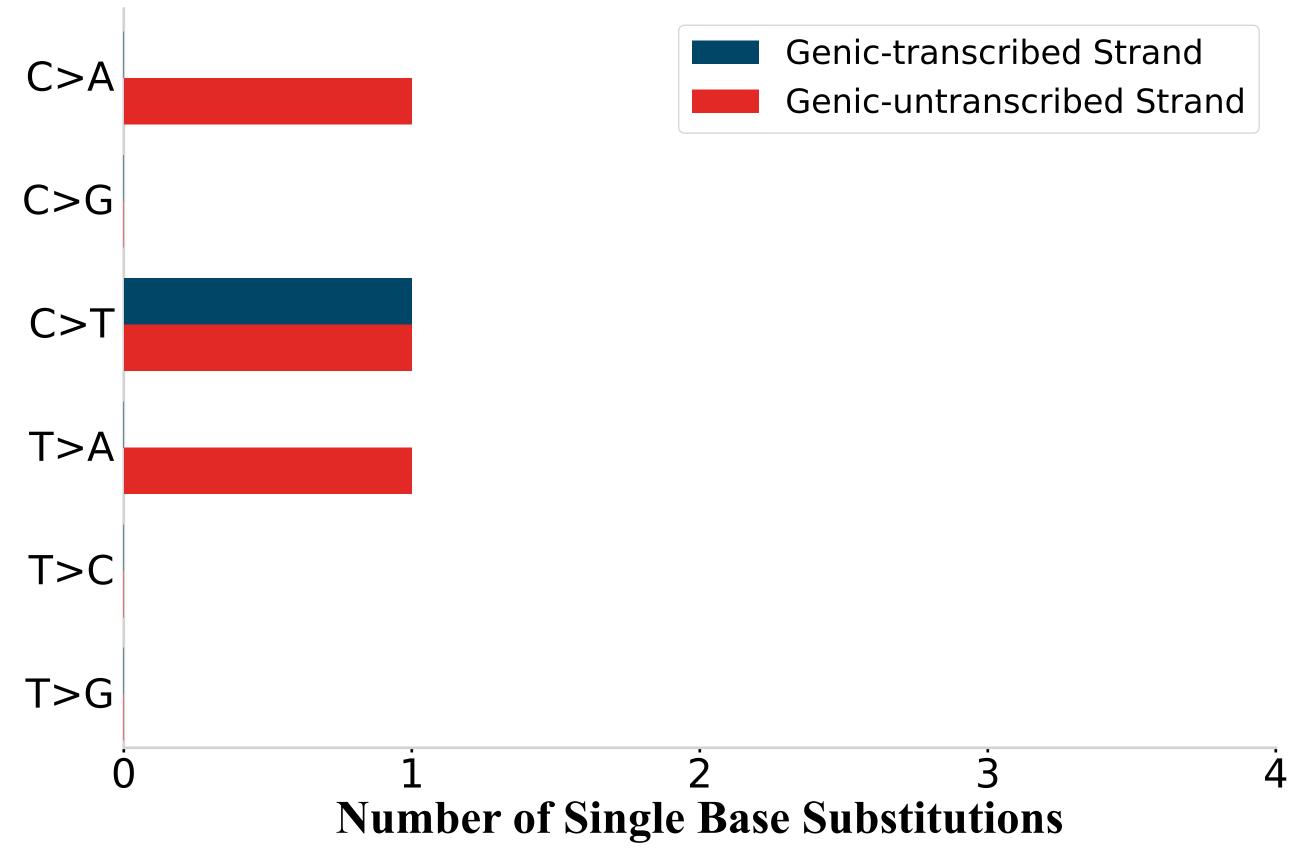
P-0022807-T04-IM6: 21 transcribed subs



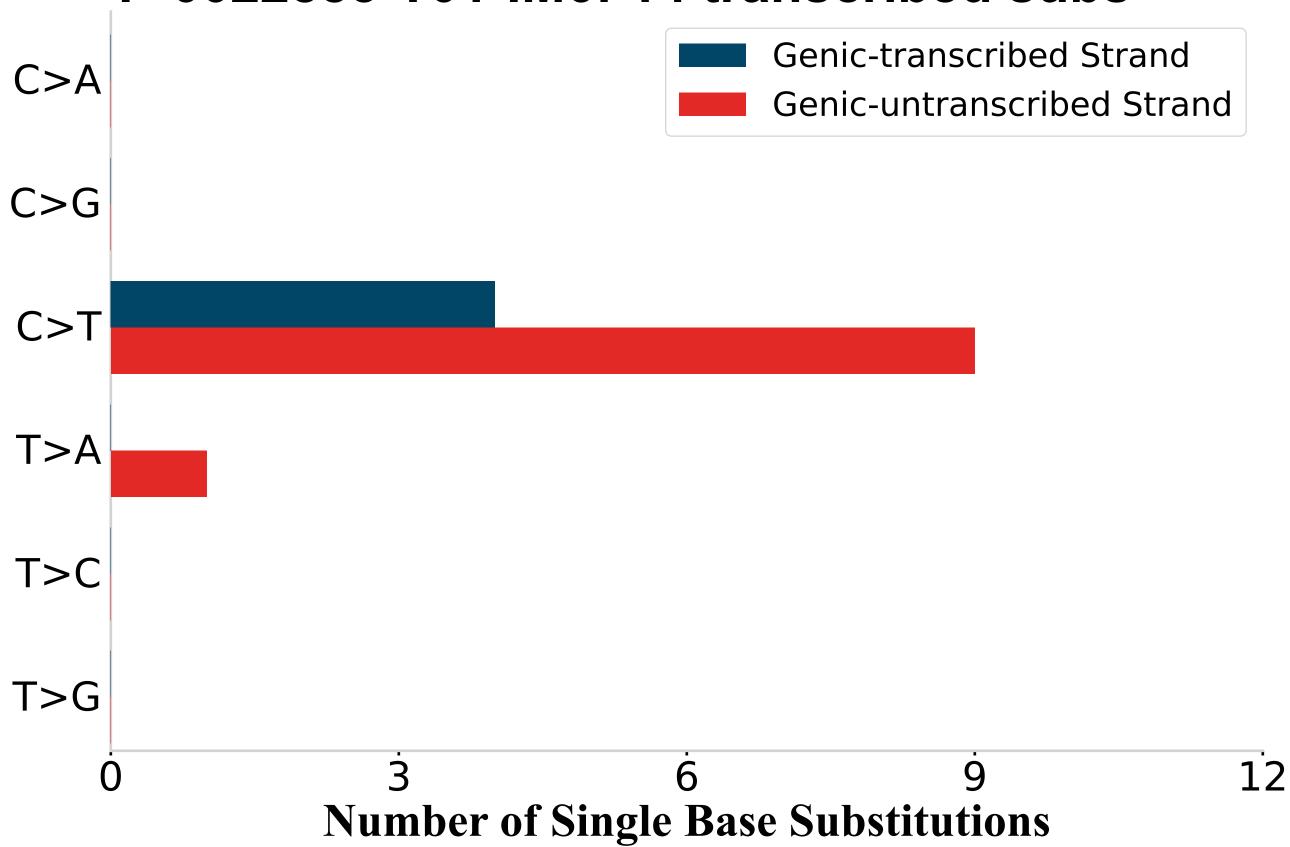
P-0022827-T01-IM6: 44 transcribed subs



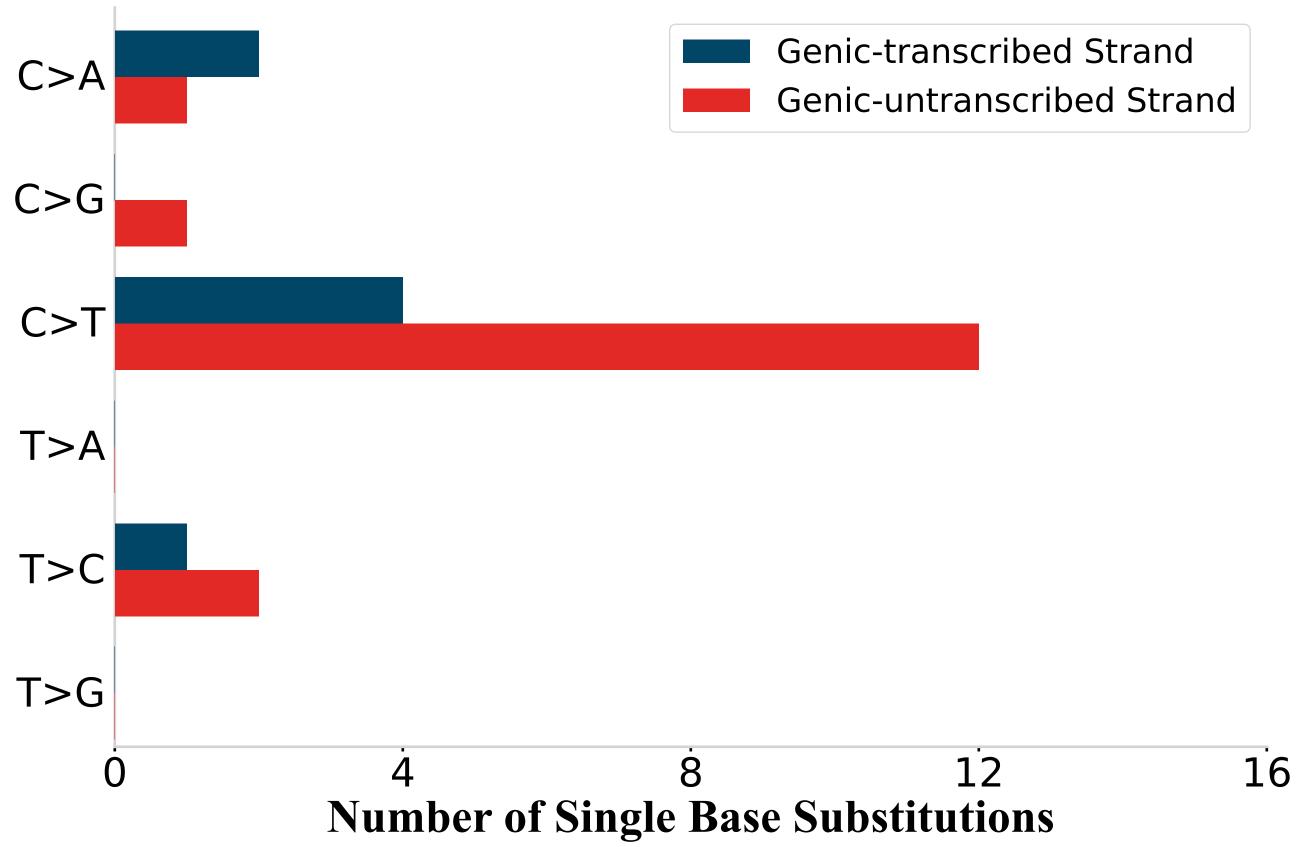
P-0022864-T01-IM6: 4 transcribed subs



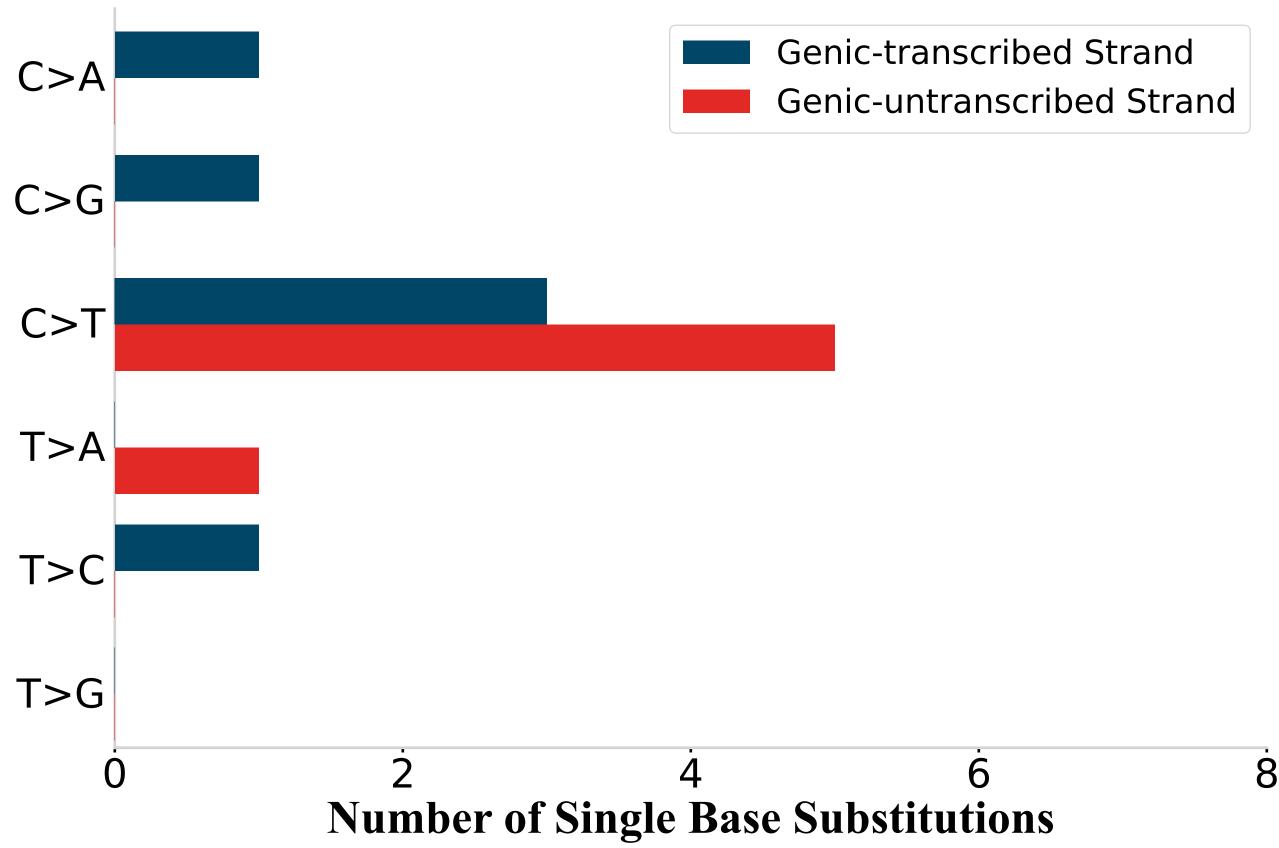
P-0022885-T01-IM6: 14 transcribed subs



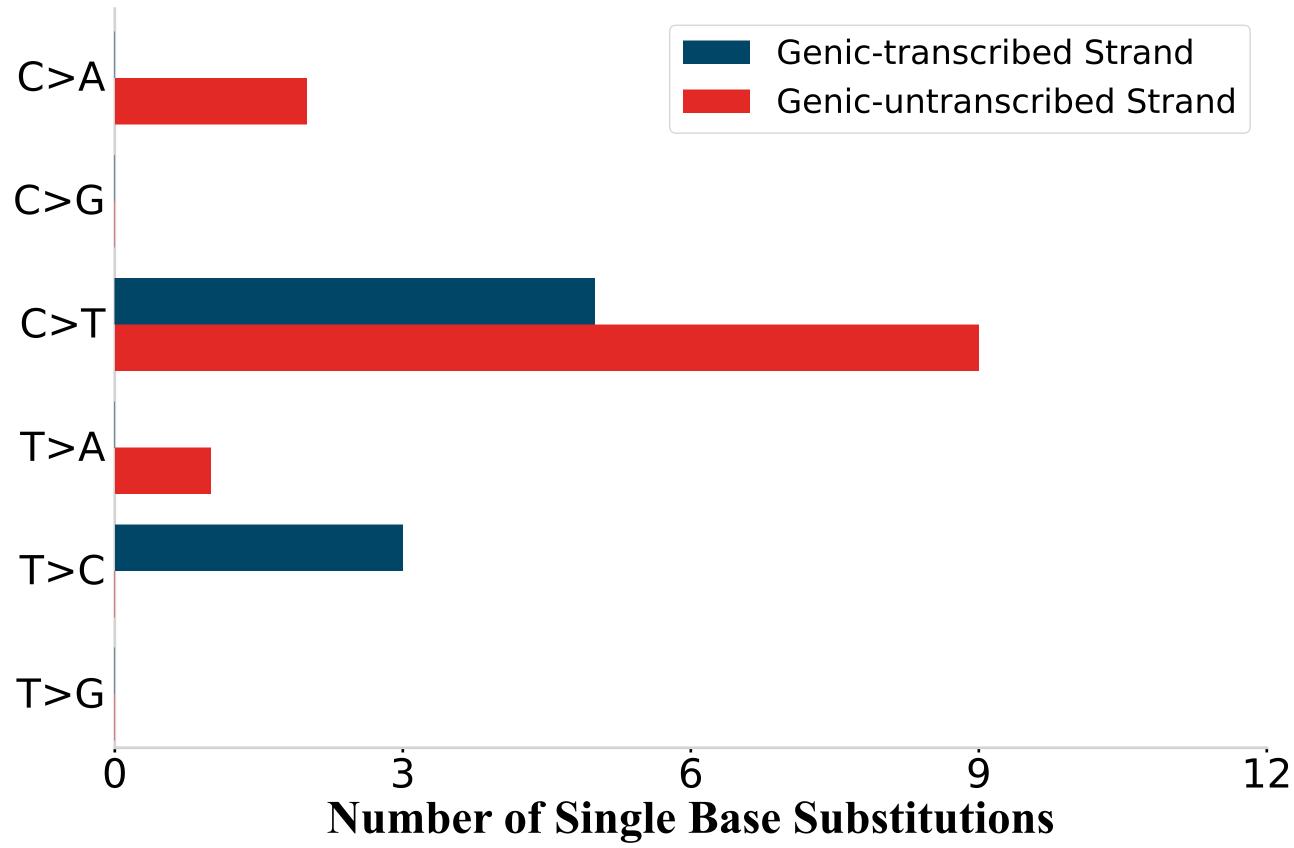
P-0022886-T01-IM6: 23 transcribed subs



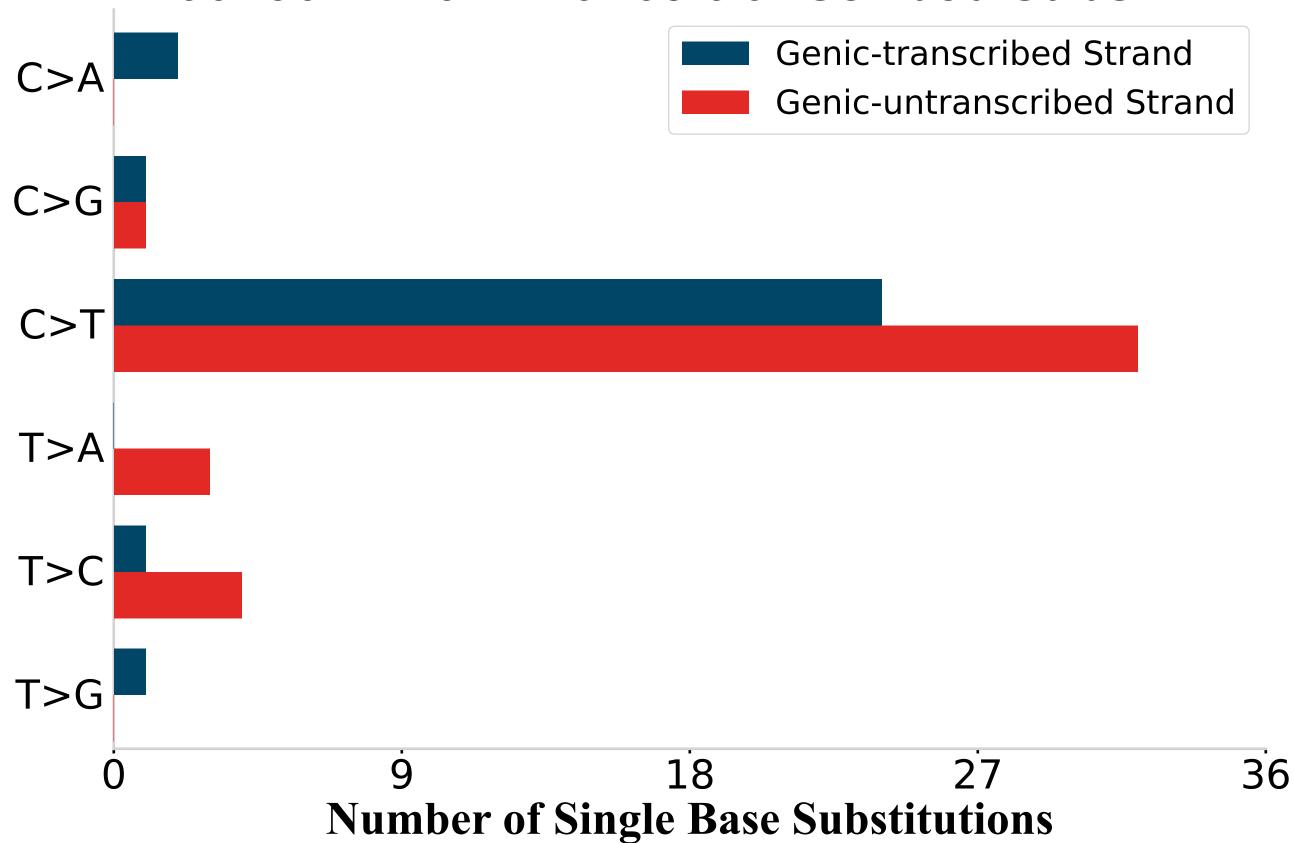
P-0022986-T01-IM6: 12 transcribed subs



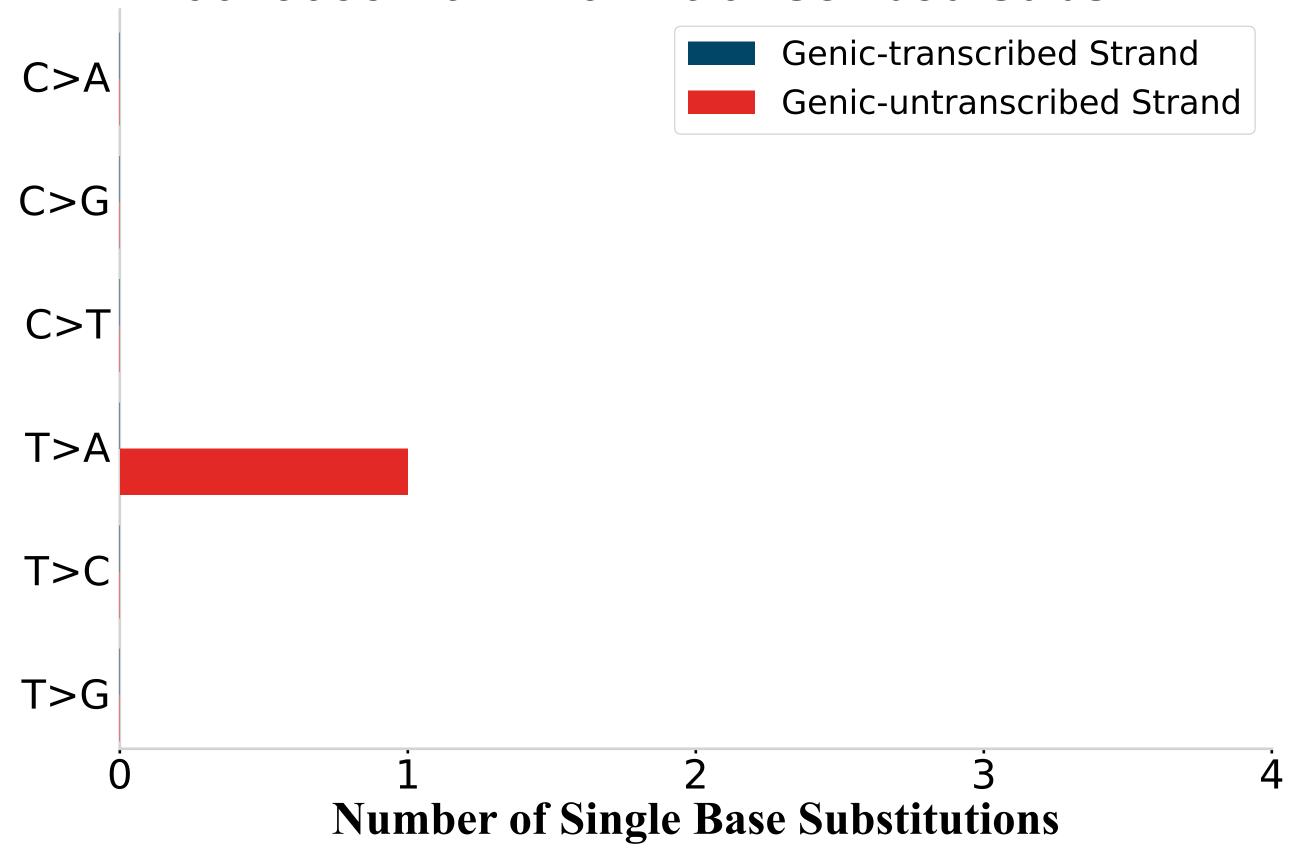
P-0023032-T01-IM6: 20 transcribed subs



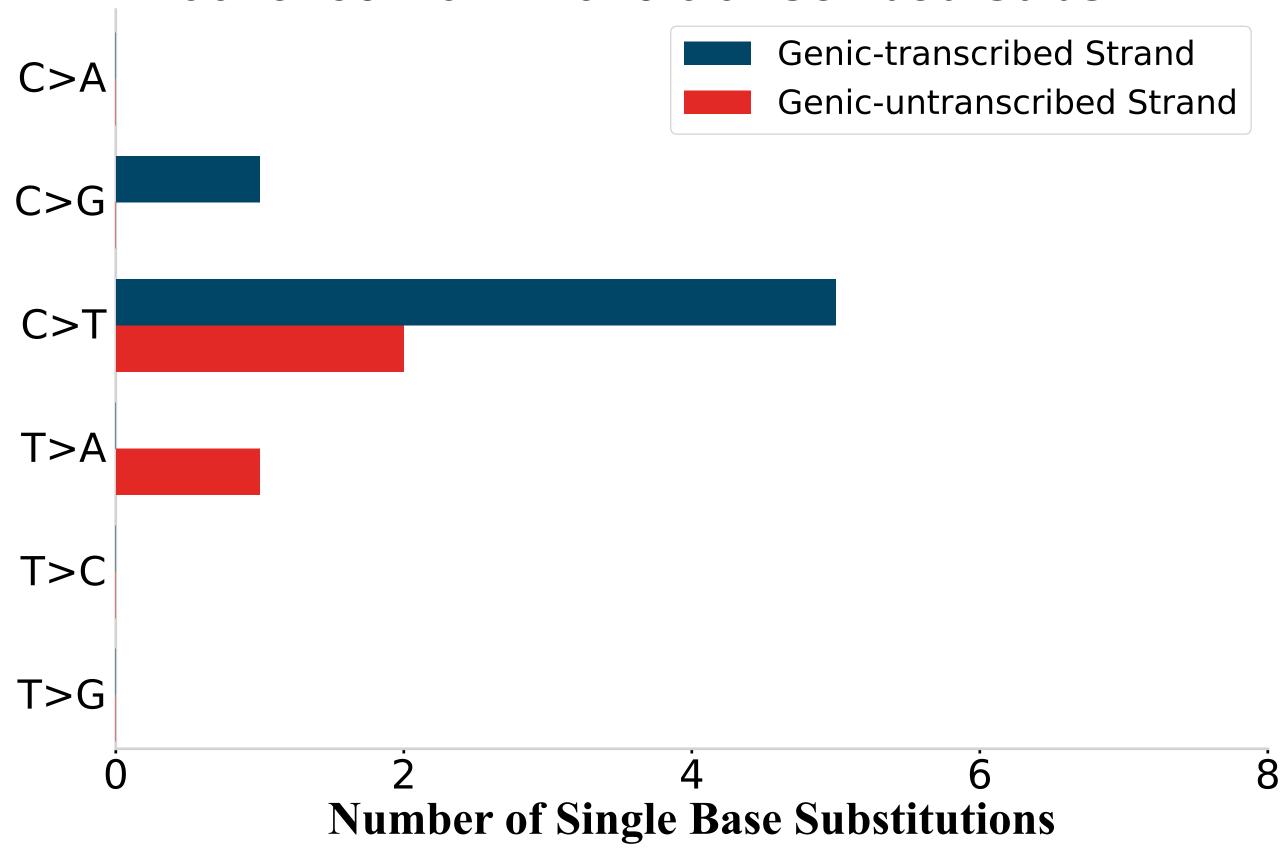
P-0023041-T01-IM6: 69 transcribed subs



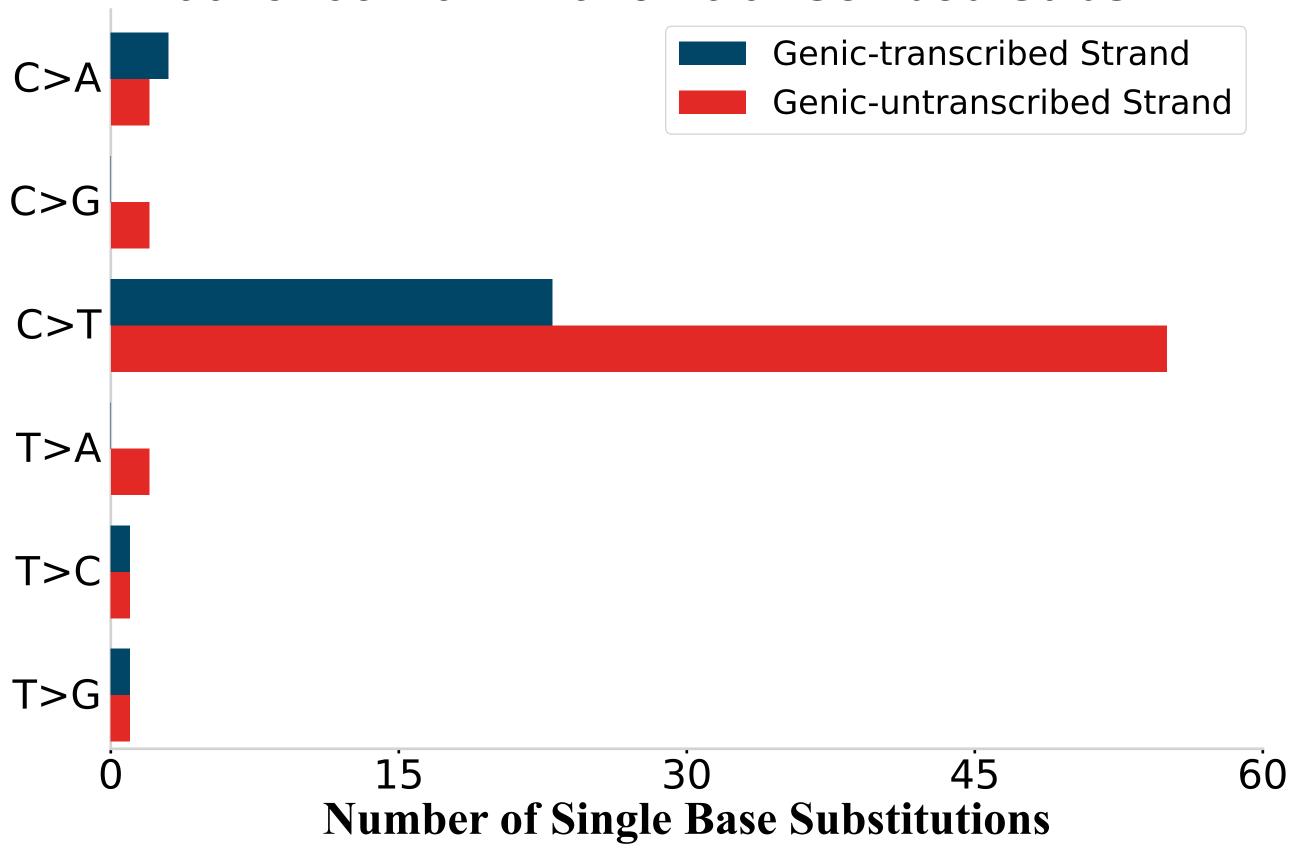
P-0023055-T01-IM6: 1 transcribed subs



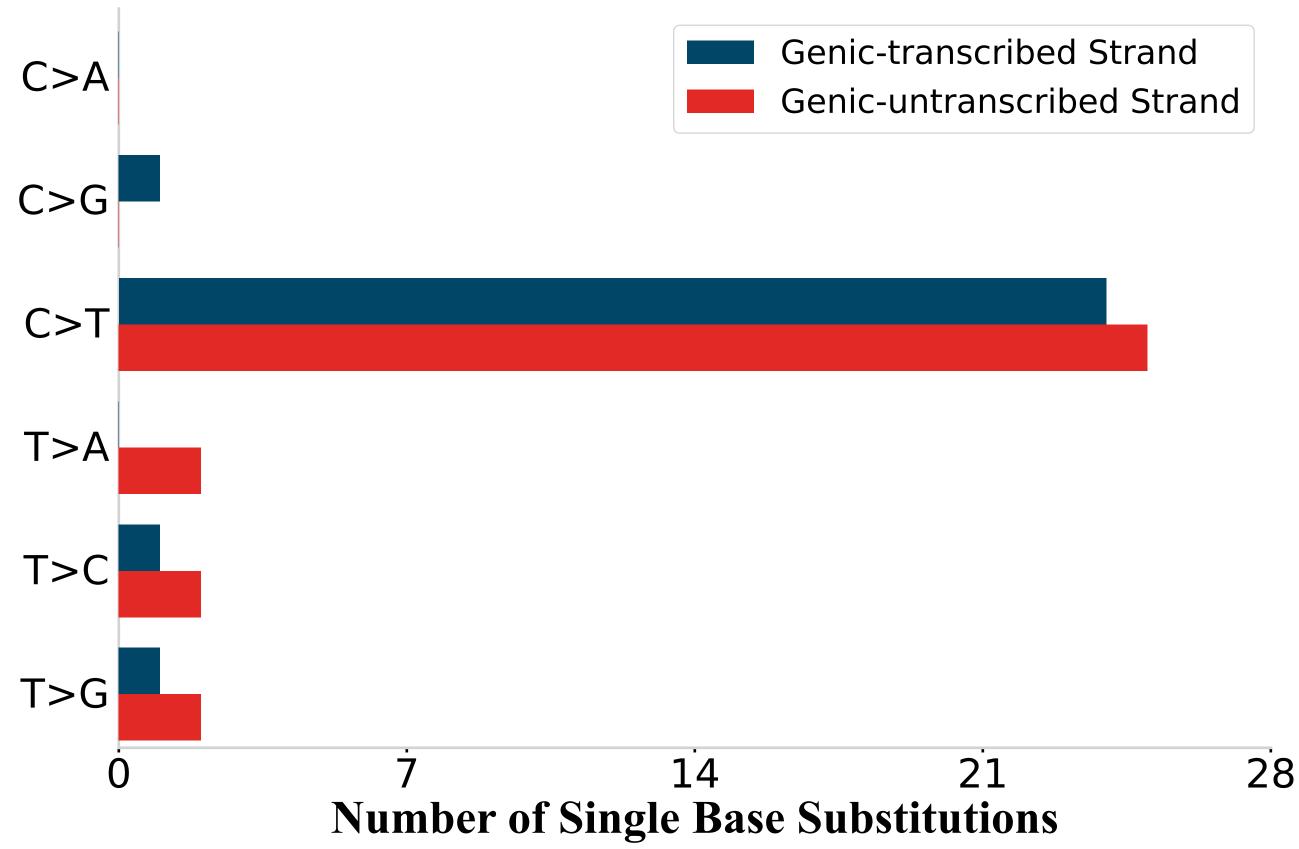
P-0023139-T01-IM6: 9 transcribed subs



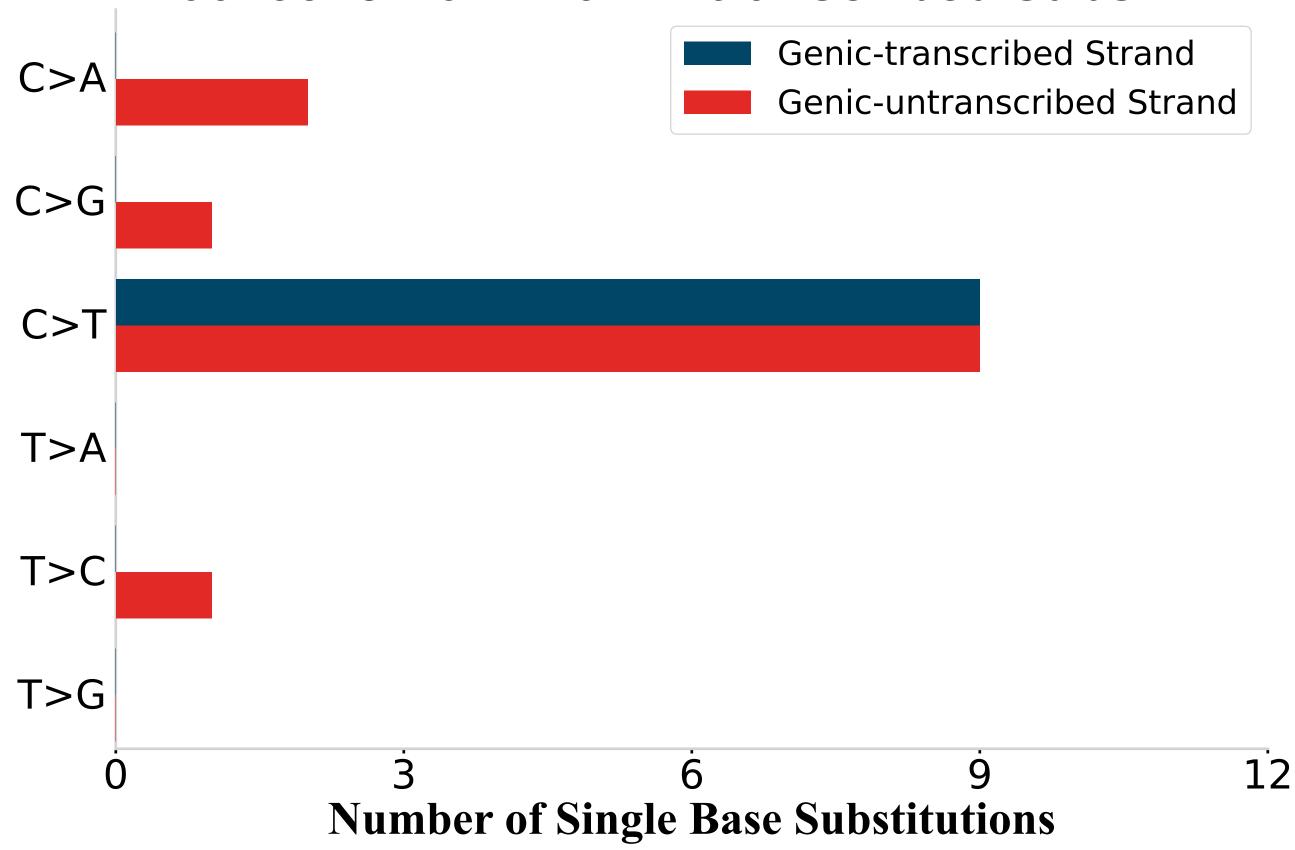
P-0023163-T01-IM6: 91 transcribed subs



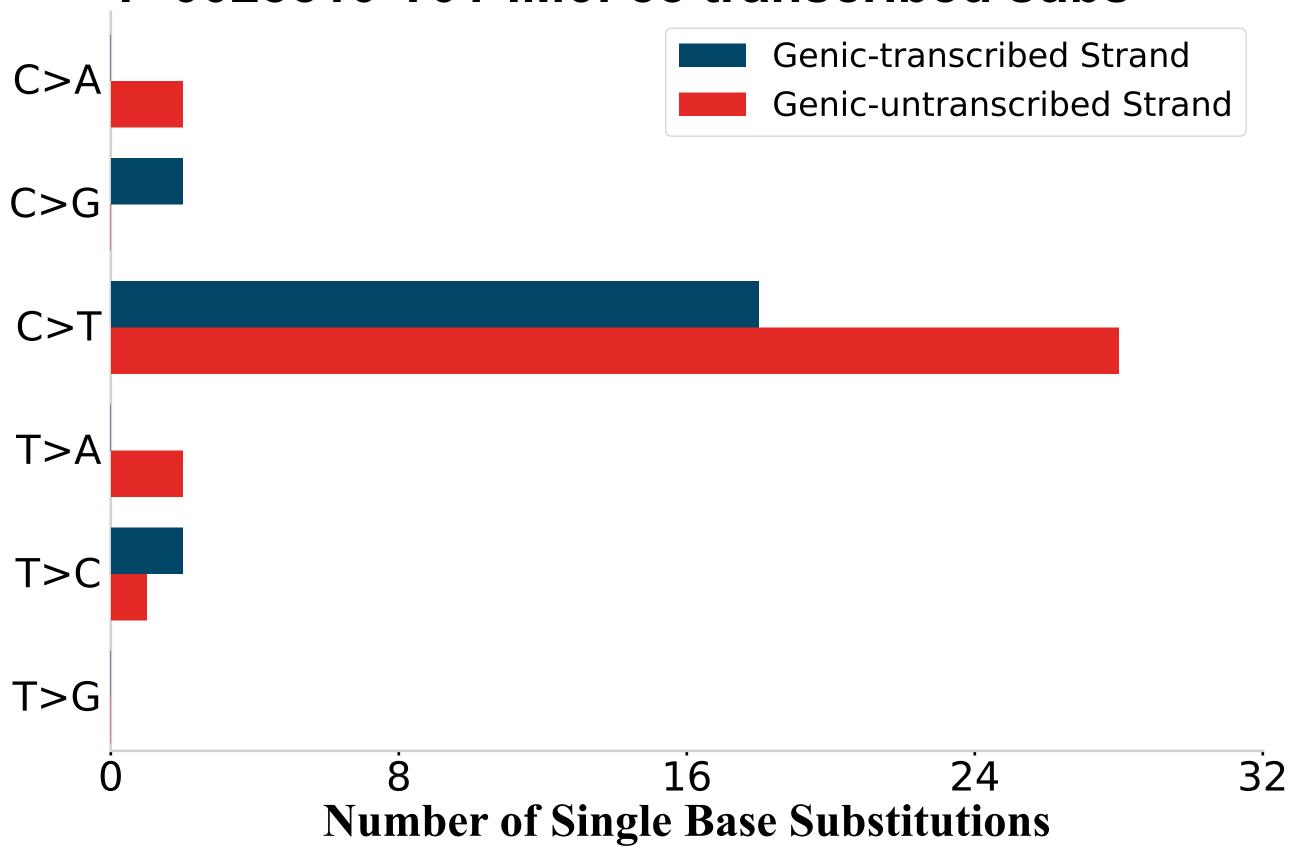
P-0023356-T01-IM6: 58 transcribed subs



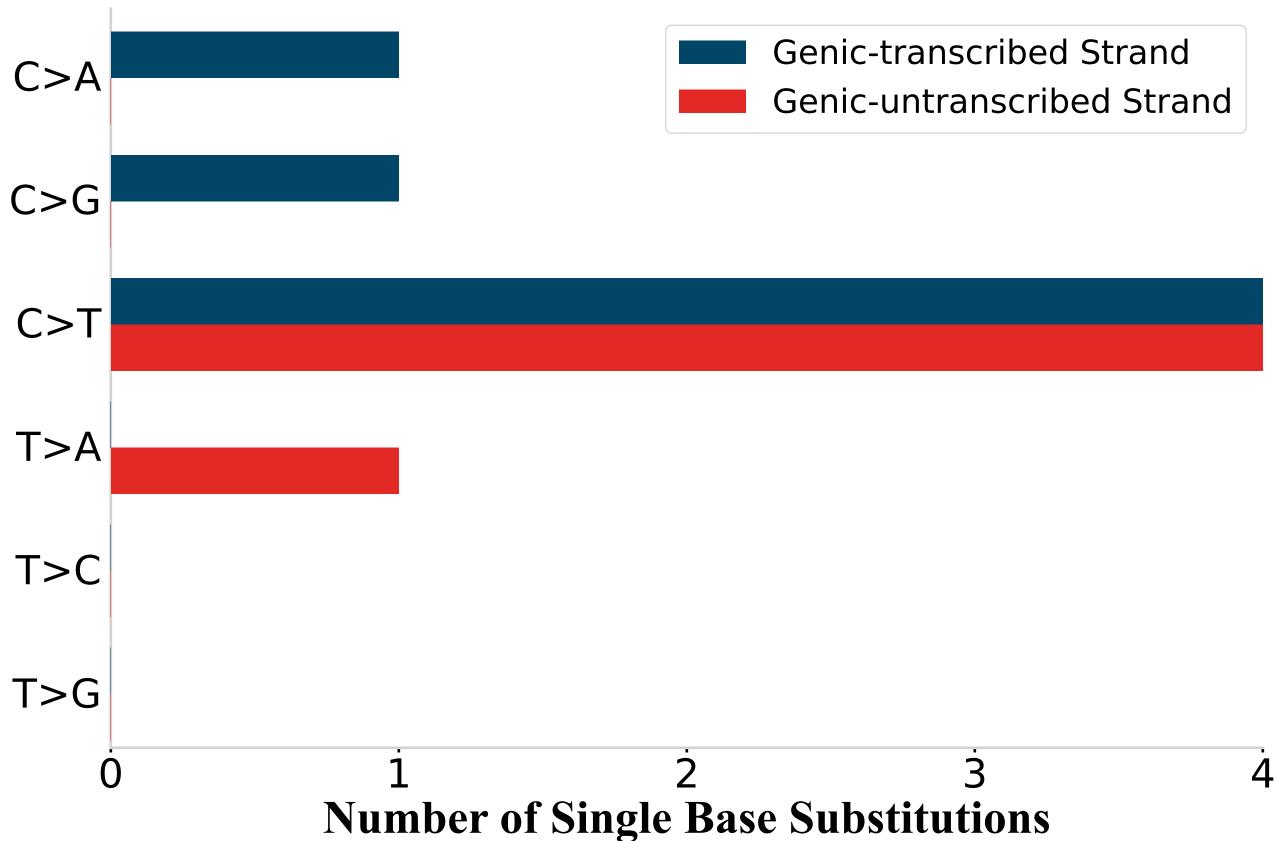
P-0023378-T01-IM6: 22 transcribed subs



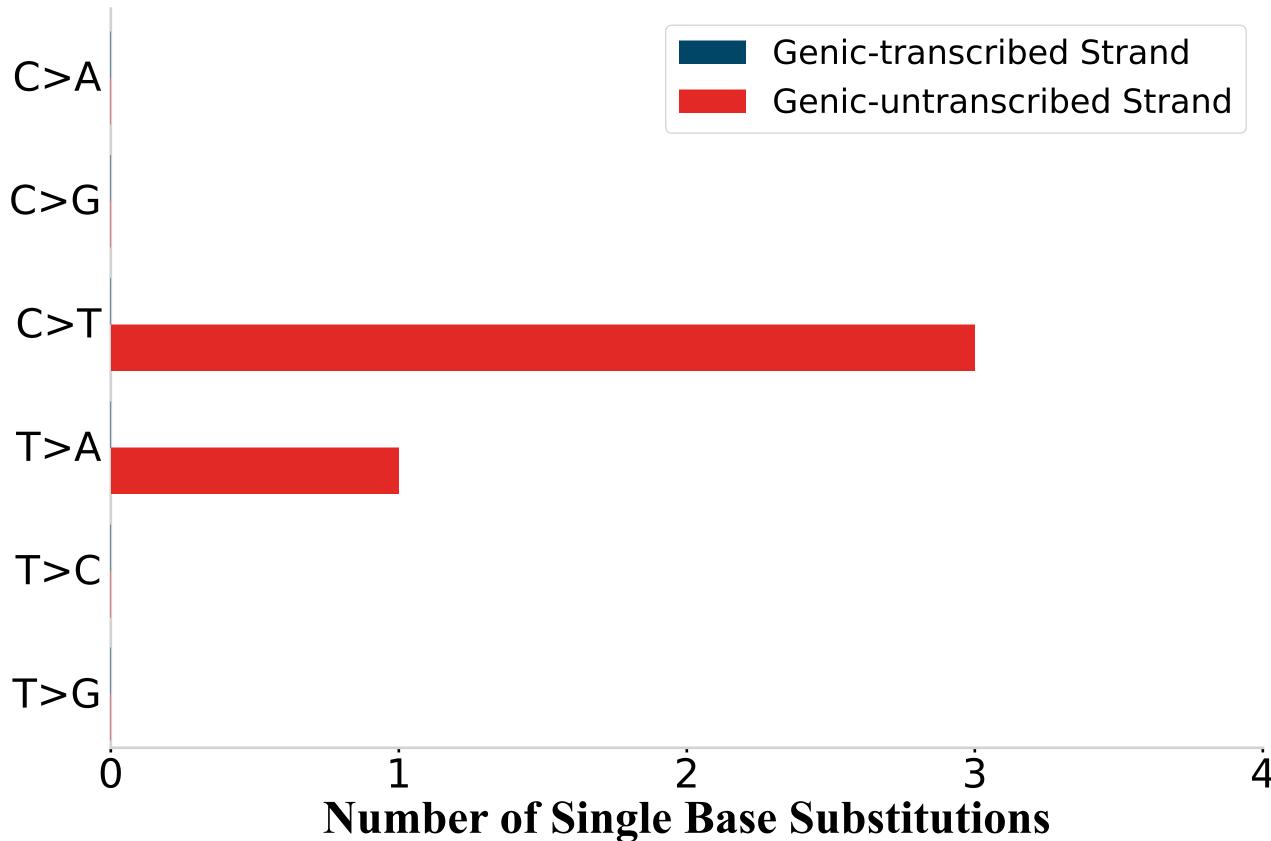
P-0023510-T01-IM6: 55 transcribed subs



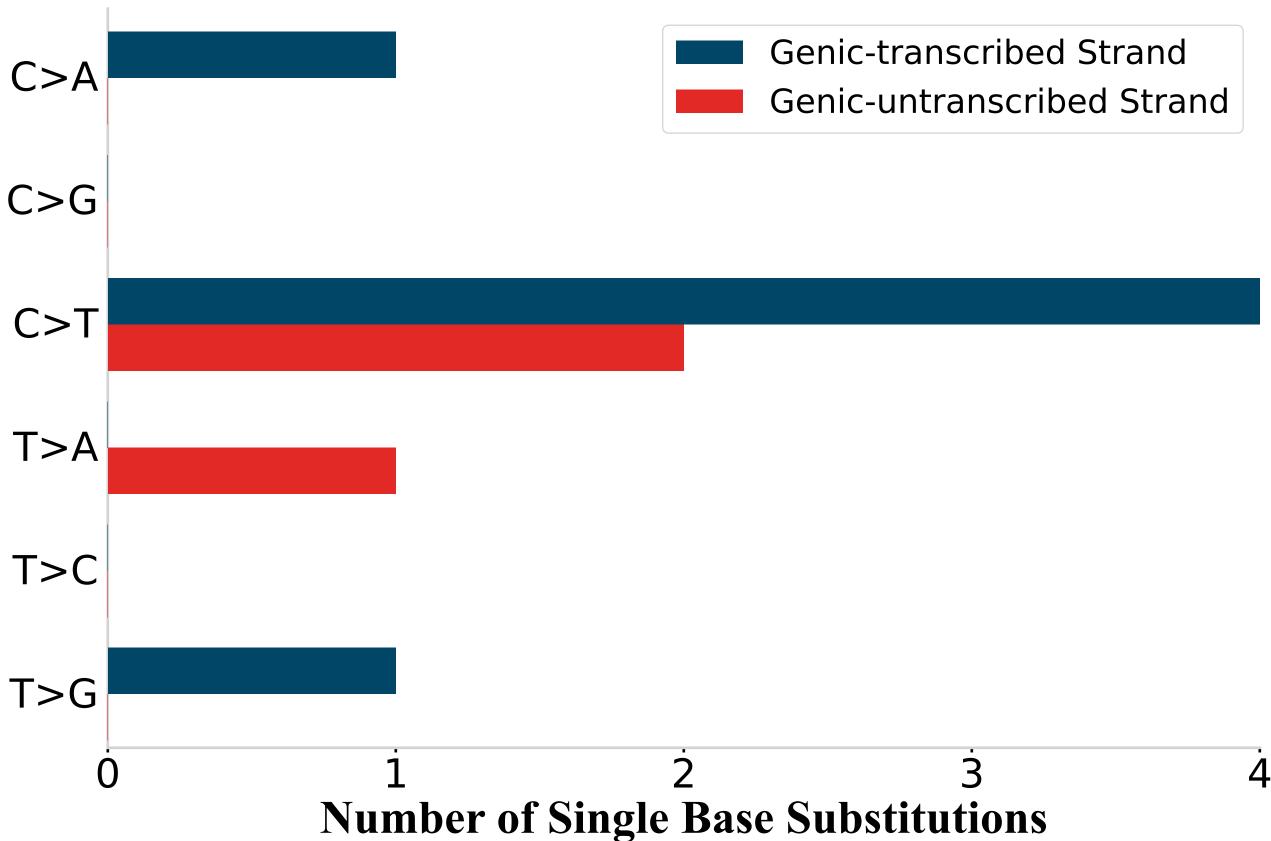
P-0023645-T01-IM6: 11 transcribed subs



P-0023733-T01-IM6: 4 transcribed subs

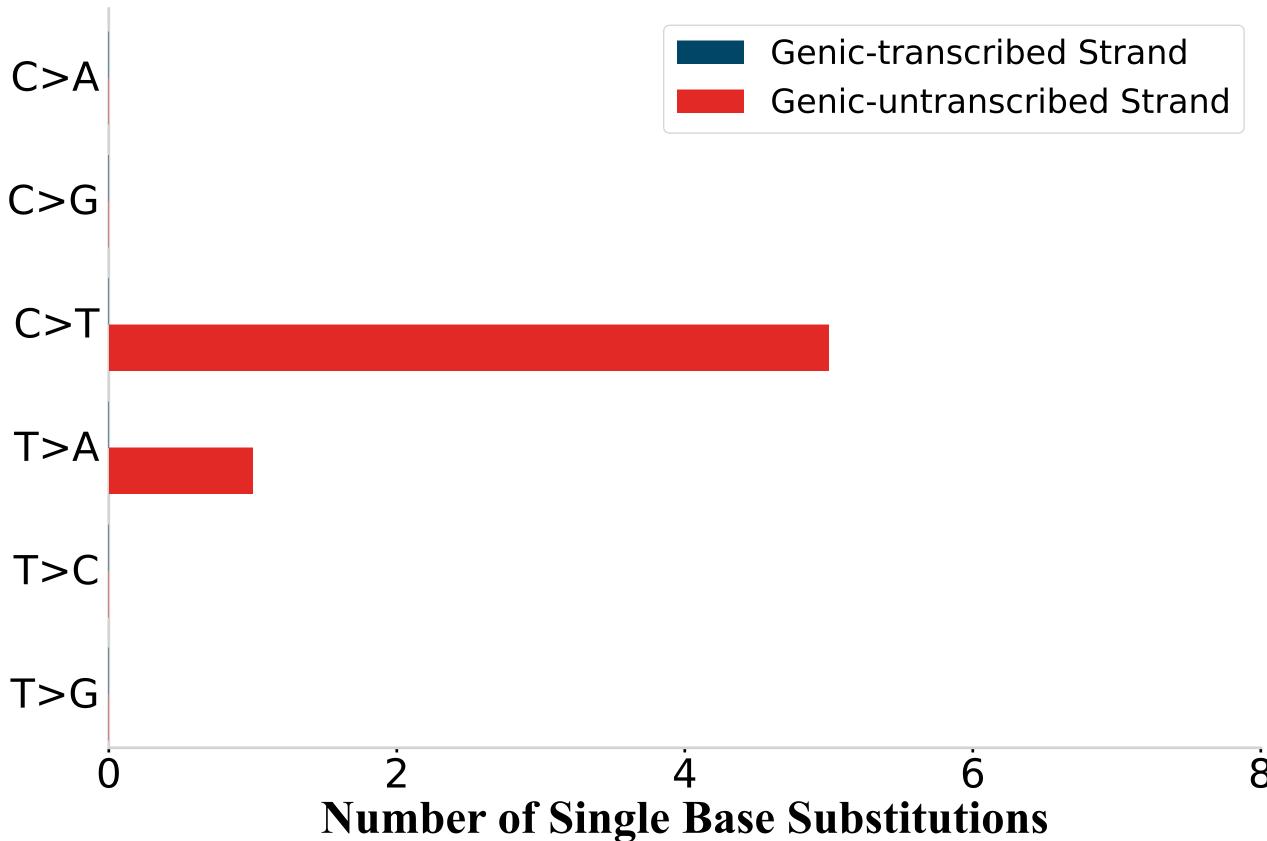


P-0023734-T01-IM6: 9 transcribed subs

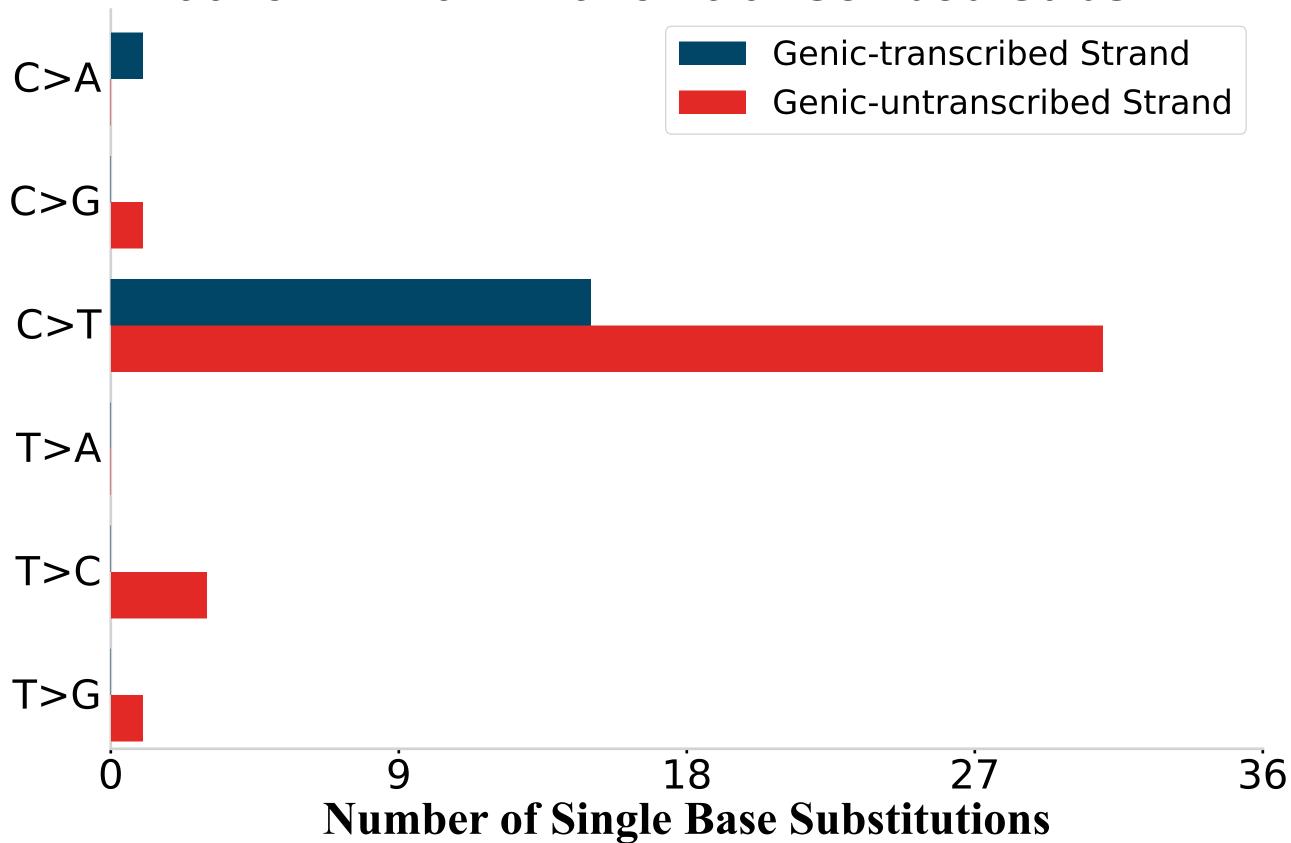


P-0023765-T01-IM6: 151 transcribed subs Genic-transcribed Strand C>A Genic-untranscribed Strand C>T T>A T>C T>G 22 66 88 44 **Number of Single Base Substitutions**

P-0023775-T01-IM6: 6 transcribed subs



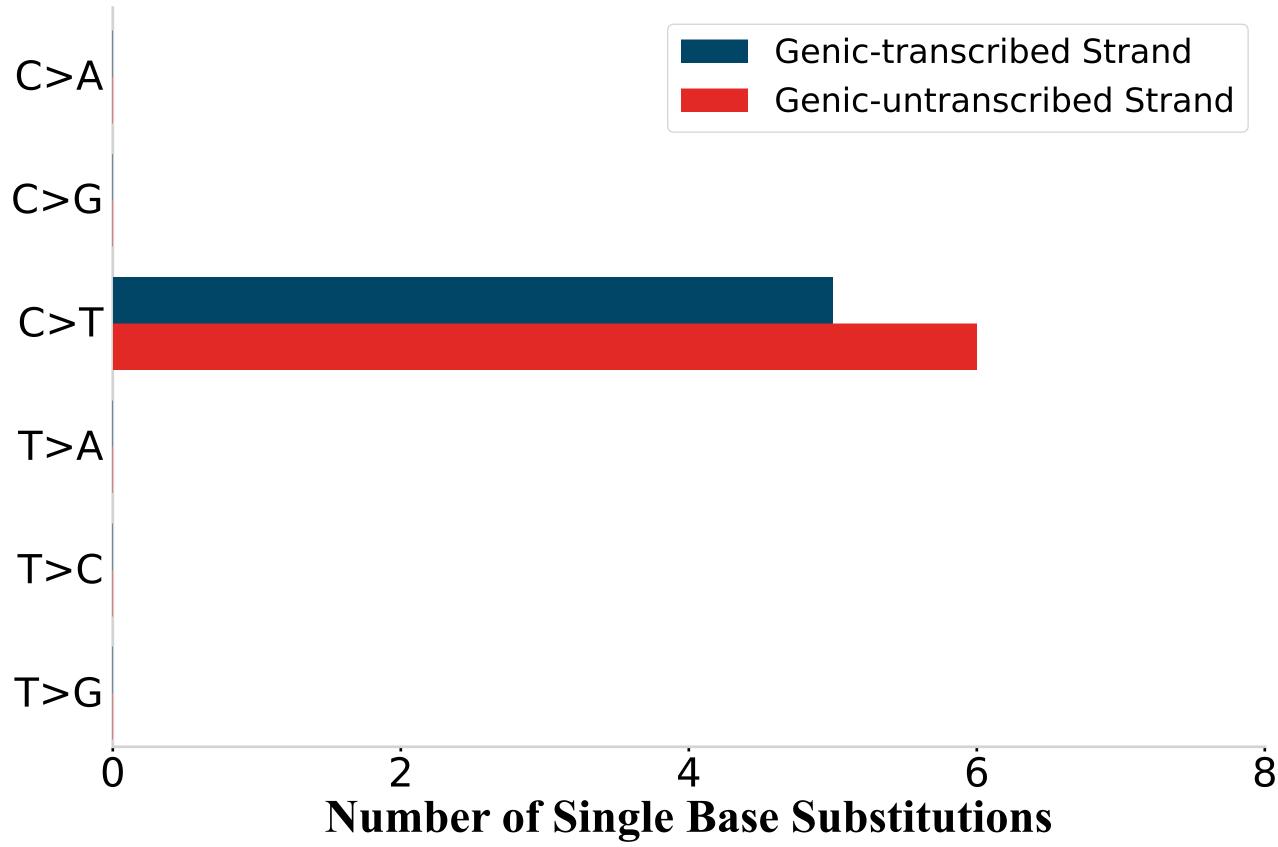
P-0023777-T01-IM6: 52 transcribed subs



P-0023794-T01-IM6: 17 transcribed subs

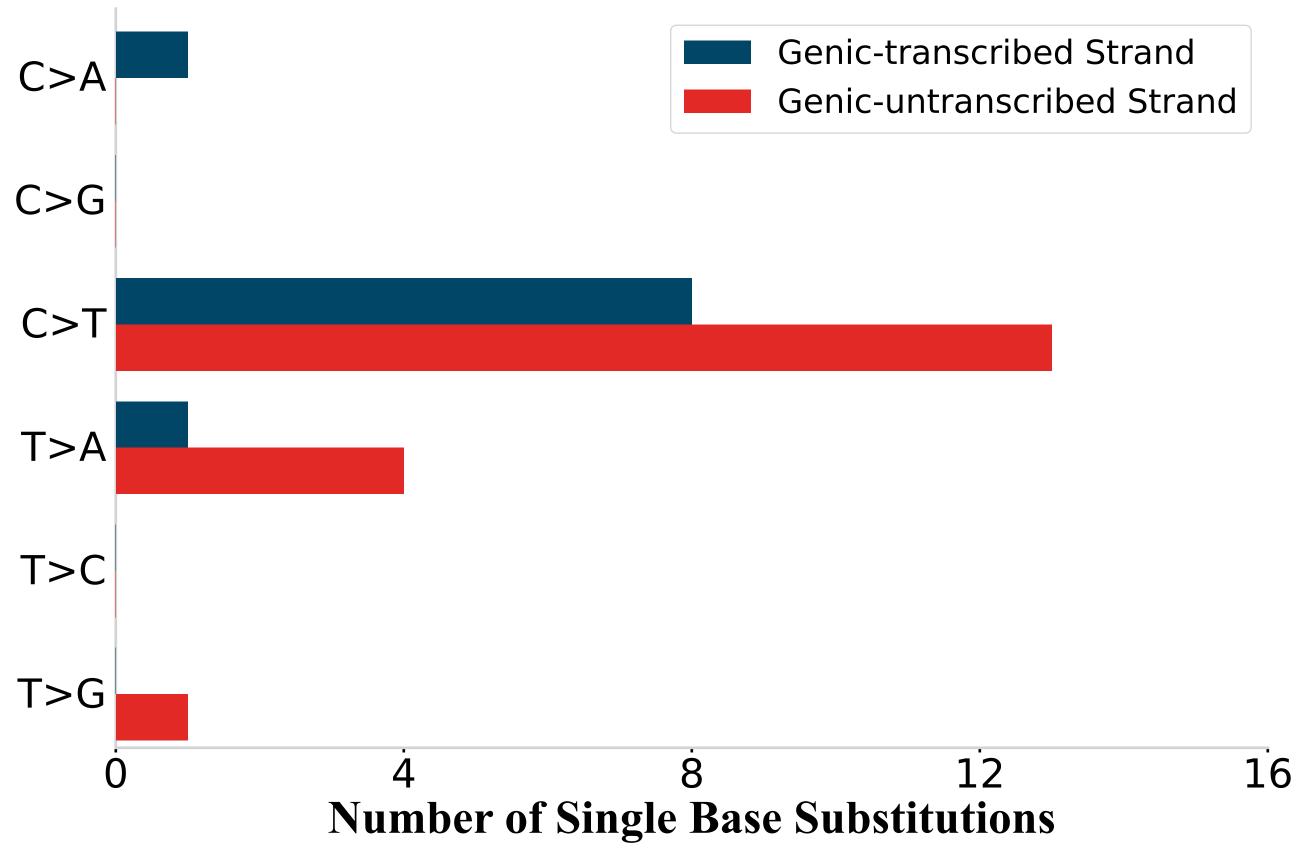


P-0023821-T01-IM6: 11 transcribed subs

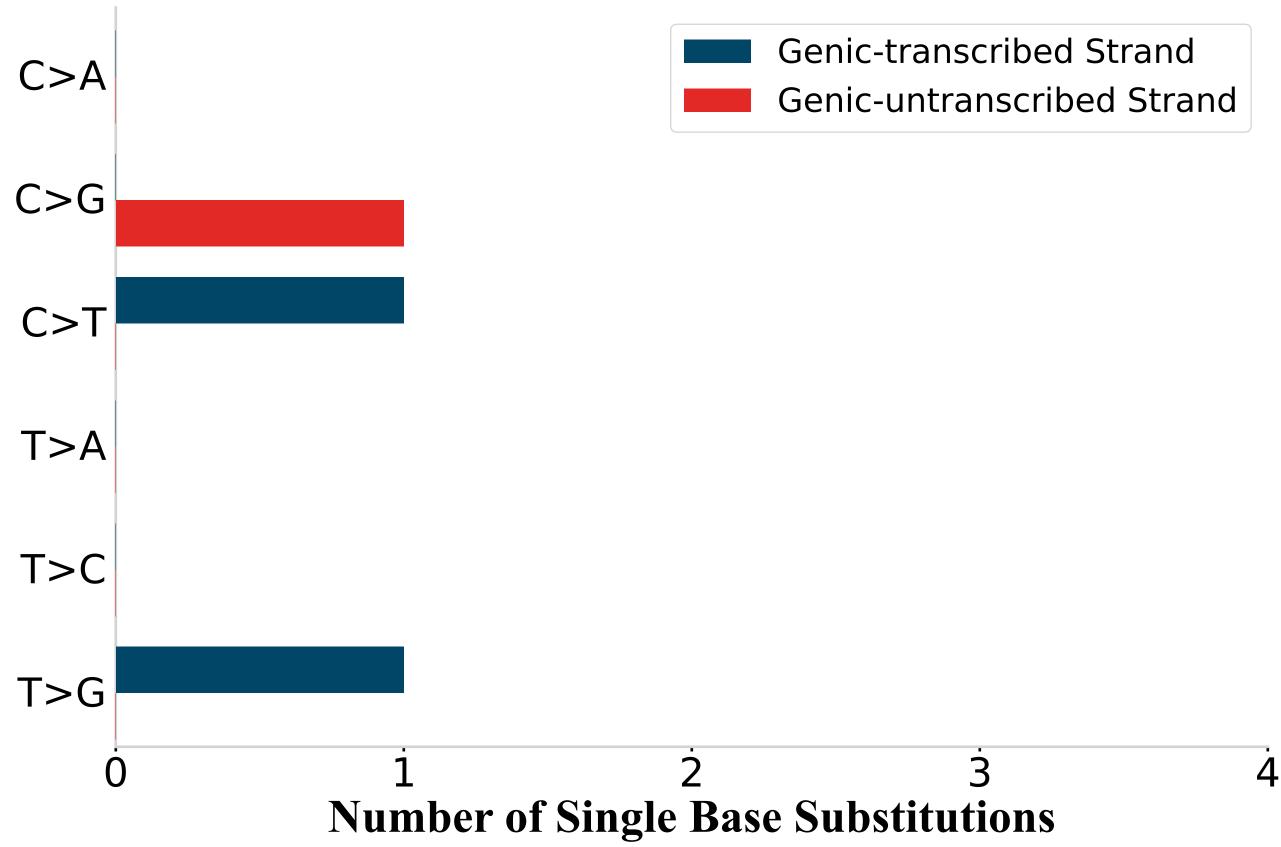


P-0023848-T01-IM6: 43 transcribed subs Genic-transcribed Strand C>A Genic-untranscribed Strand C>G C>T T>AT>C T>G 5 20 10 15 **Number of Single Base Substitutions**

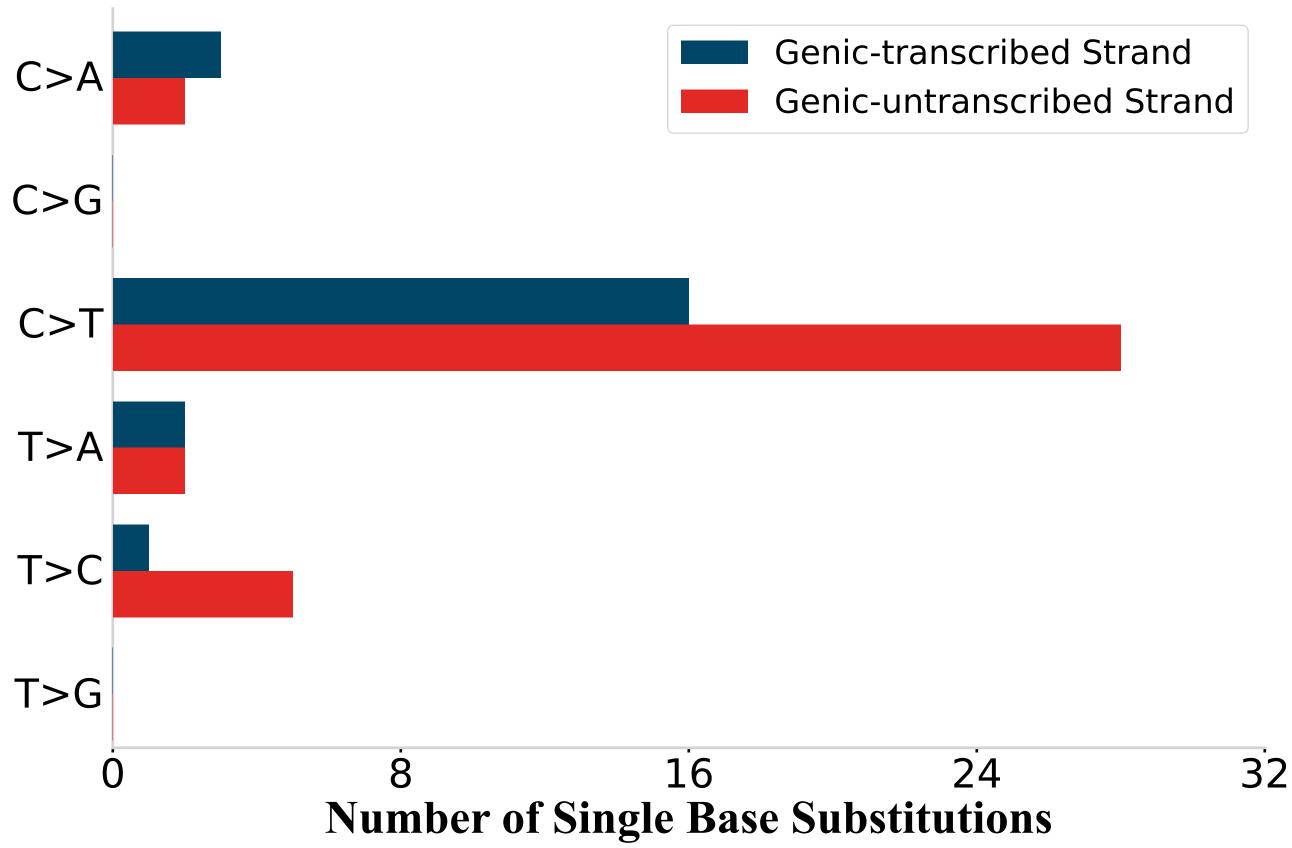
P-0023973-T01-IM6: 28 transcribed subs



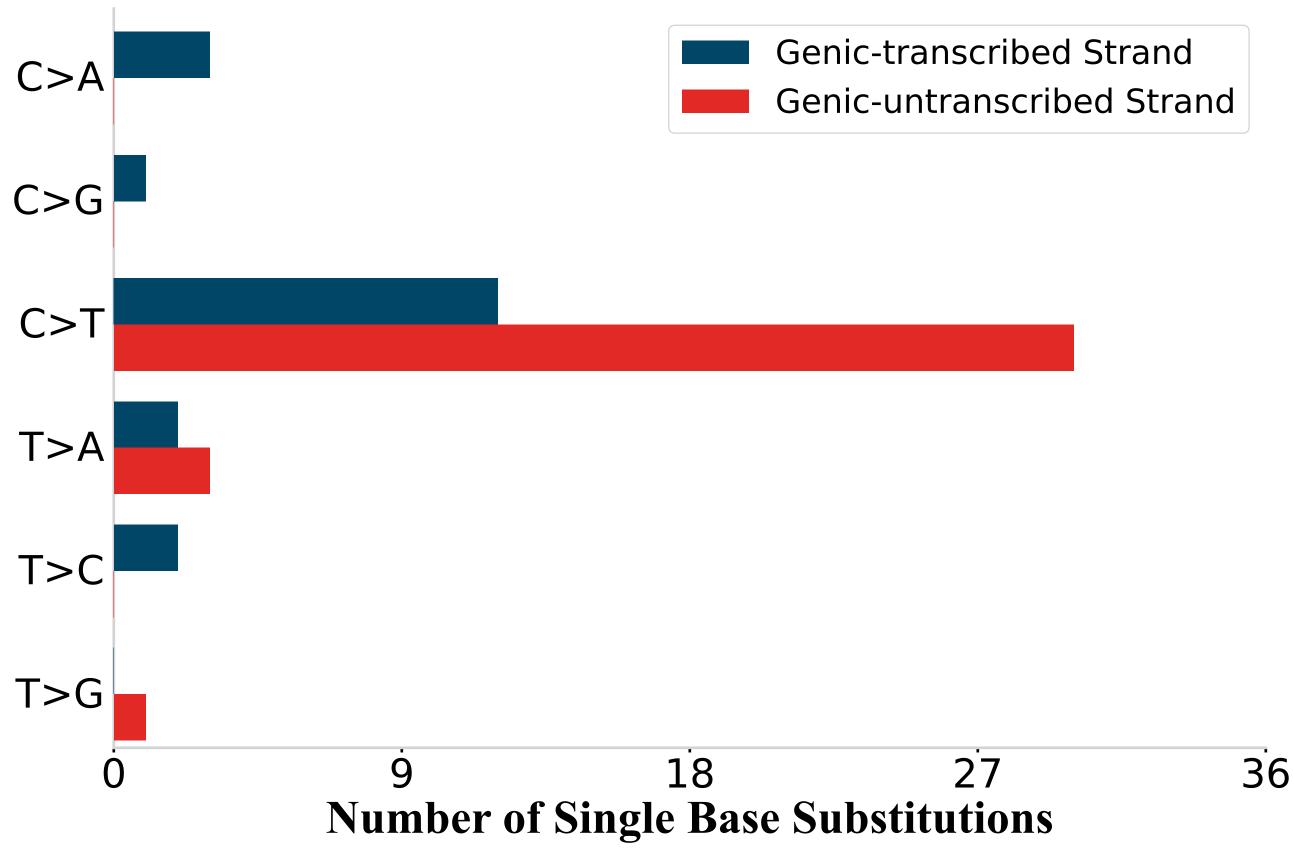
P-0023993-T01-IM6: 3 transcribed subs



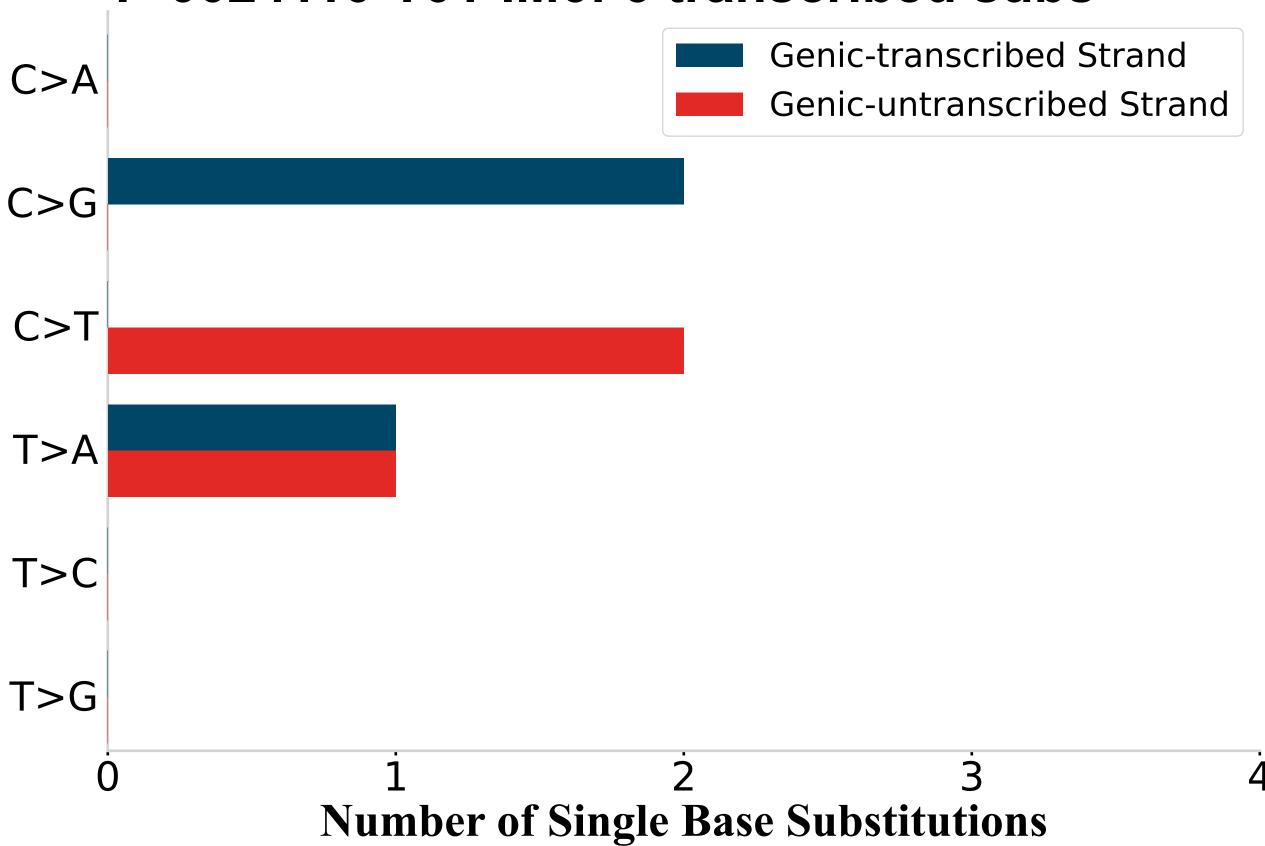
P-0024070-T01-IM6: 59 transcribed subs



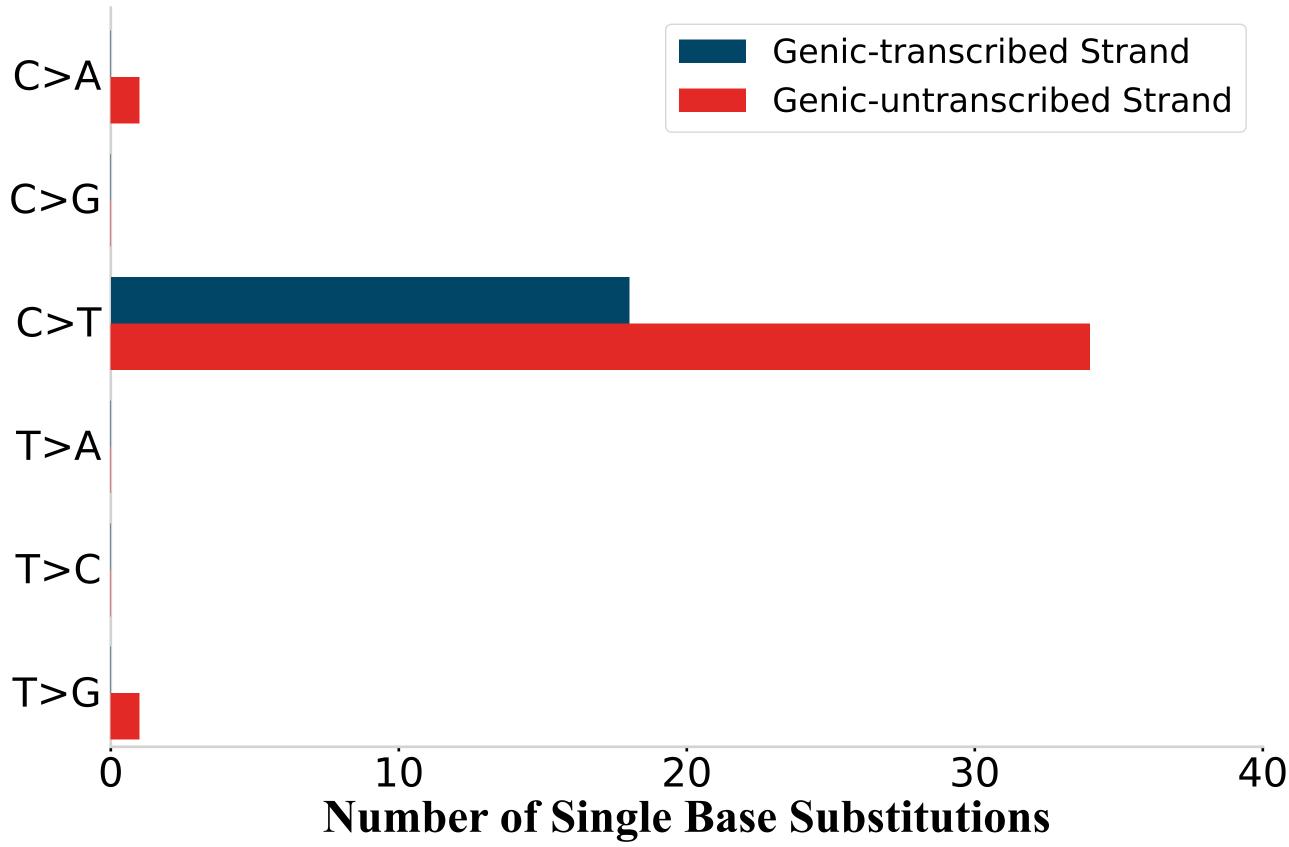
P-0024072-T01-IM6: 54 transcribed subs



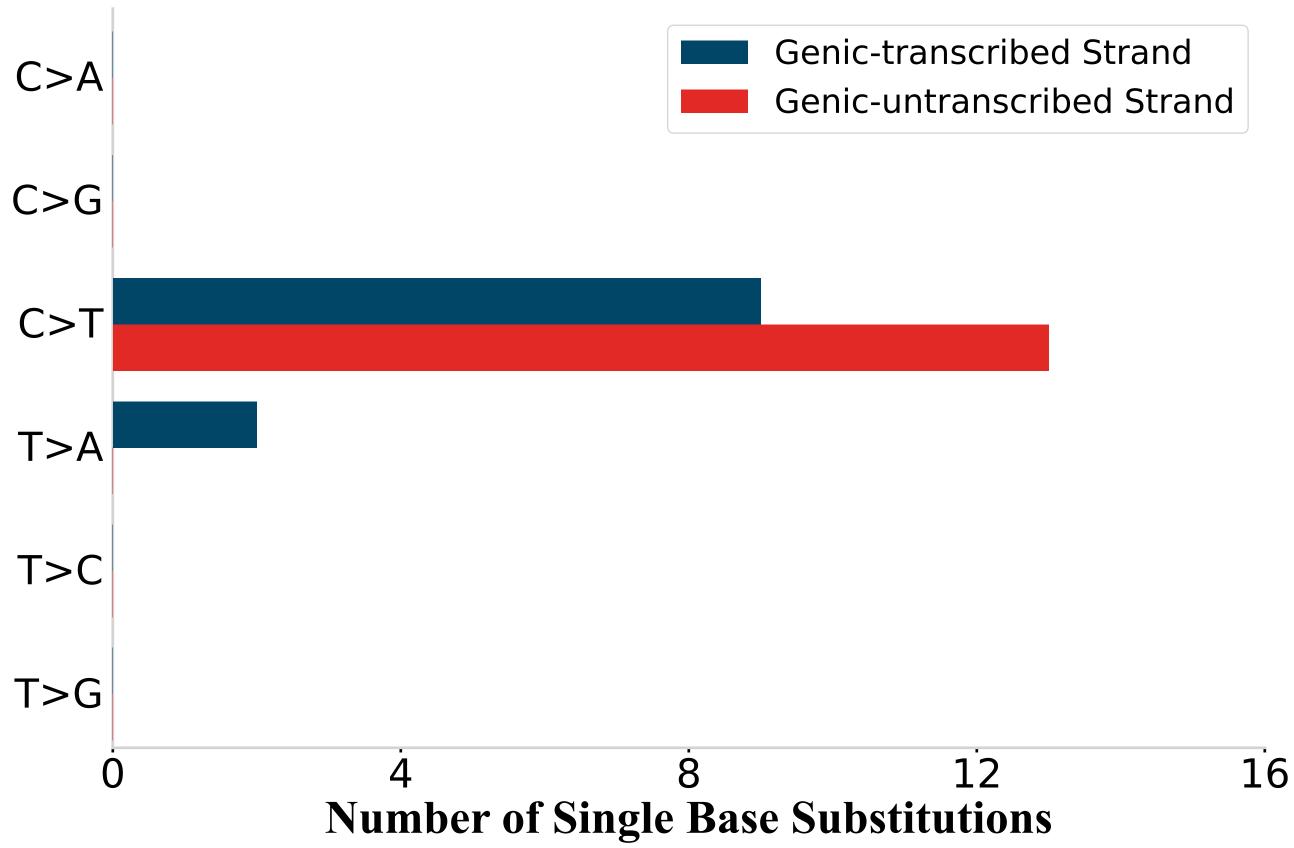
P-0024110-T01-IM6: 6 transcribed subs



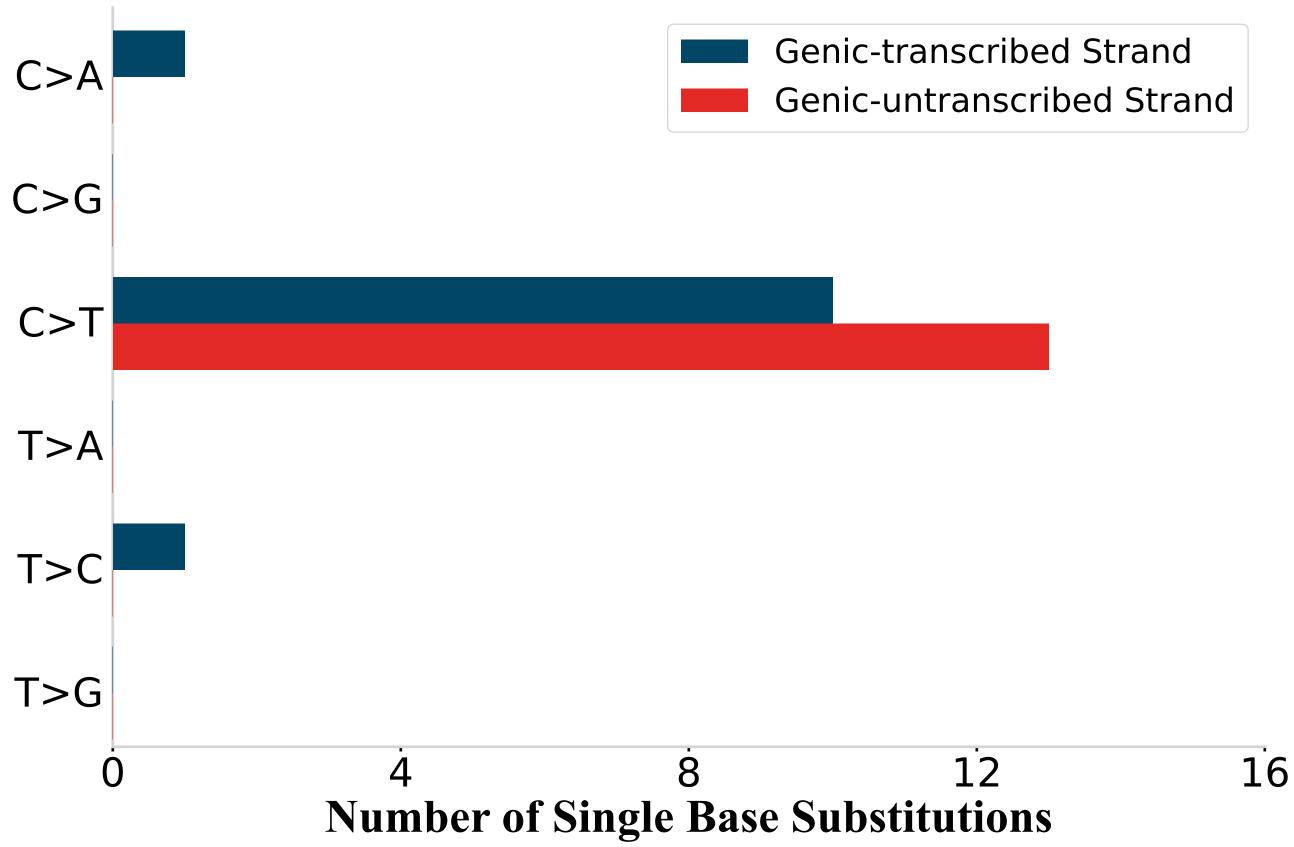
P-0024121-T01-IM6: 54 transcribed subs



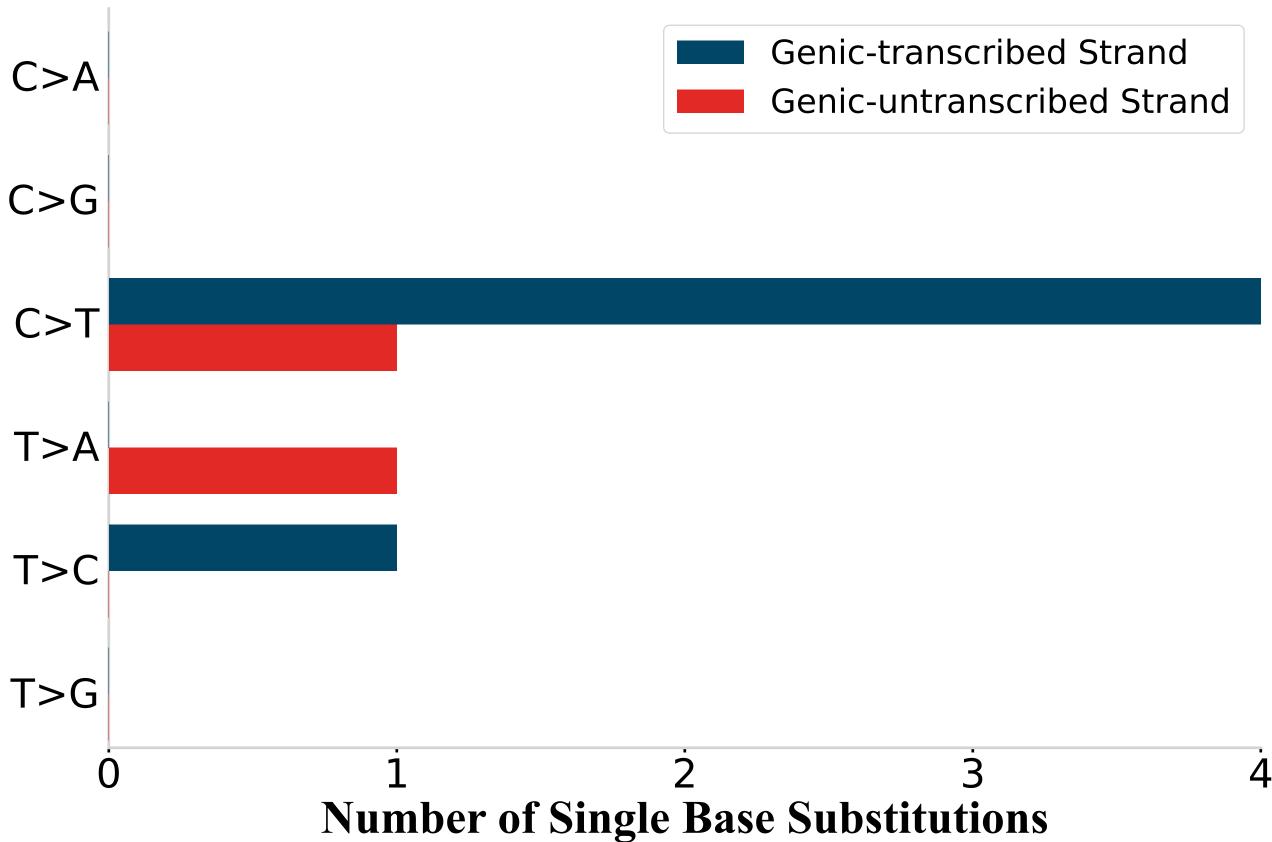
P-0024166-T02-IM6: 24 transcribed subs



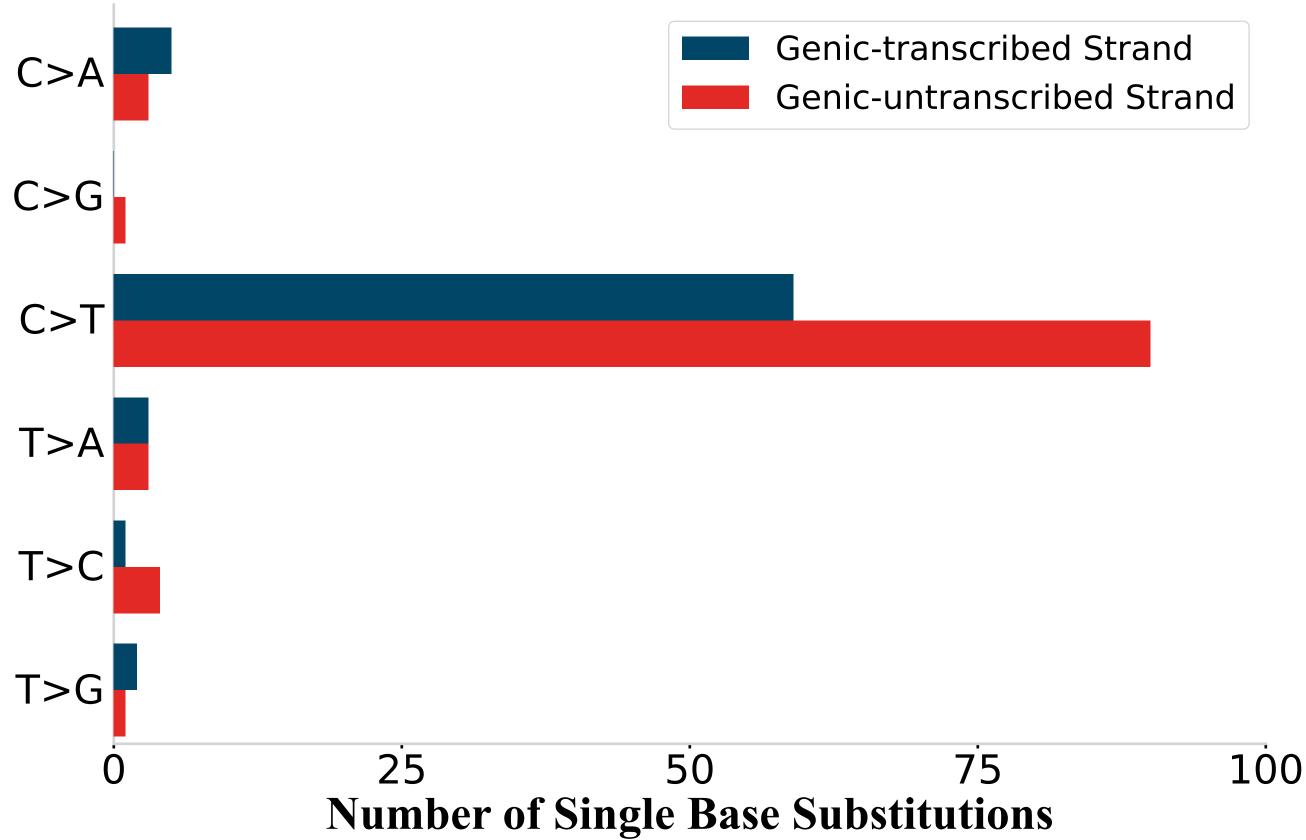
P-0024188-T01-IM6: 25 transcribed subs



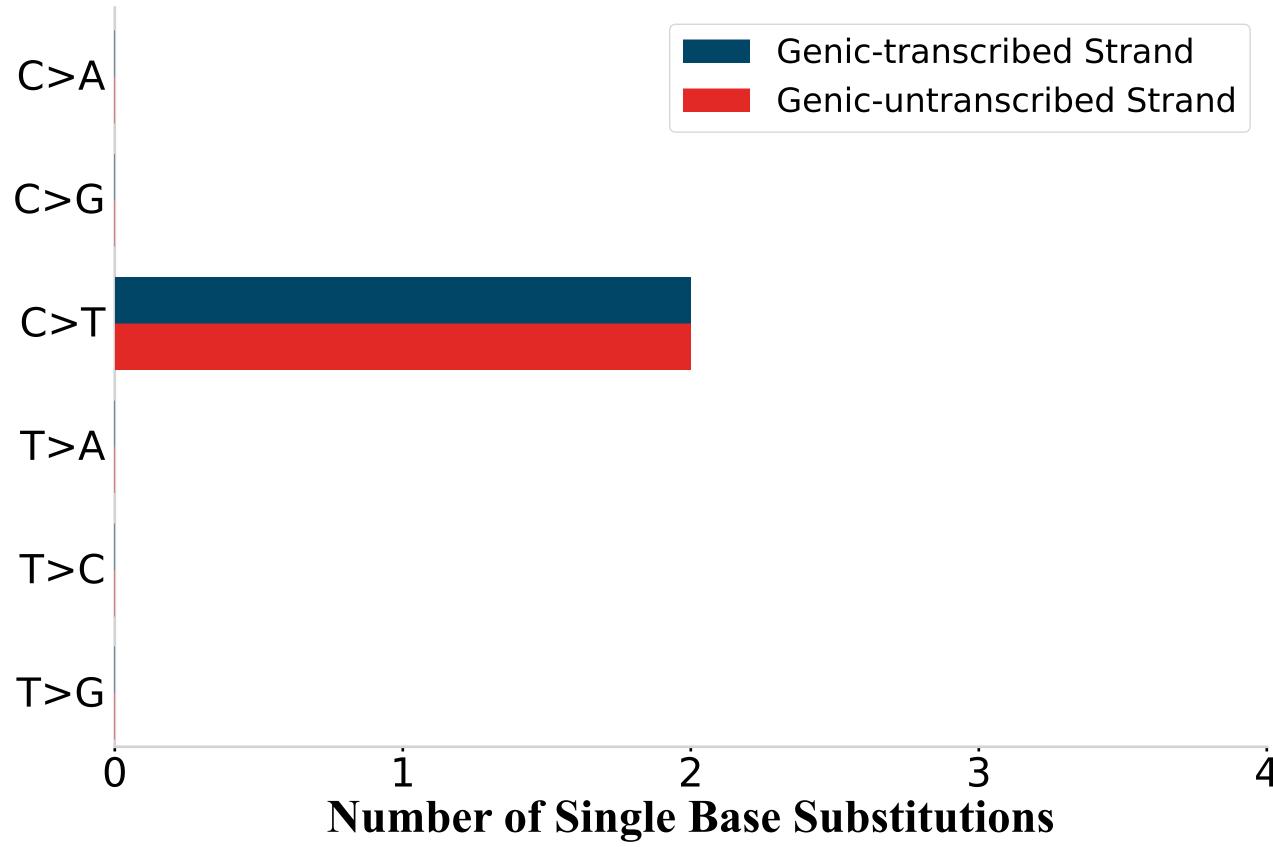
P-0024221-T01-IM6: 7 transcribed subs



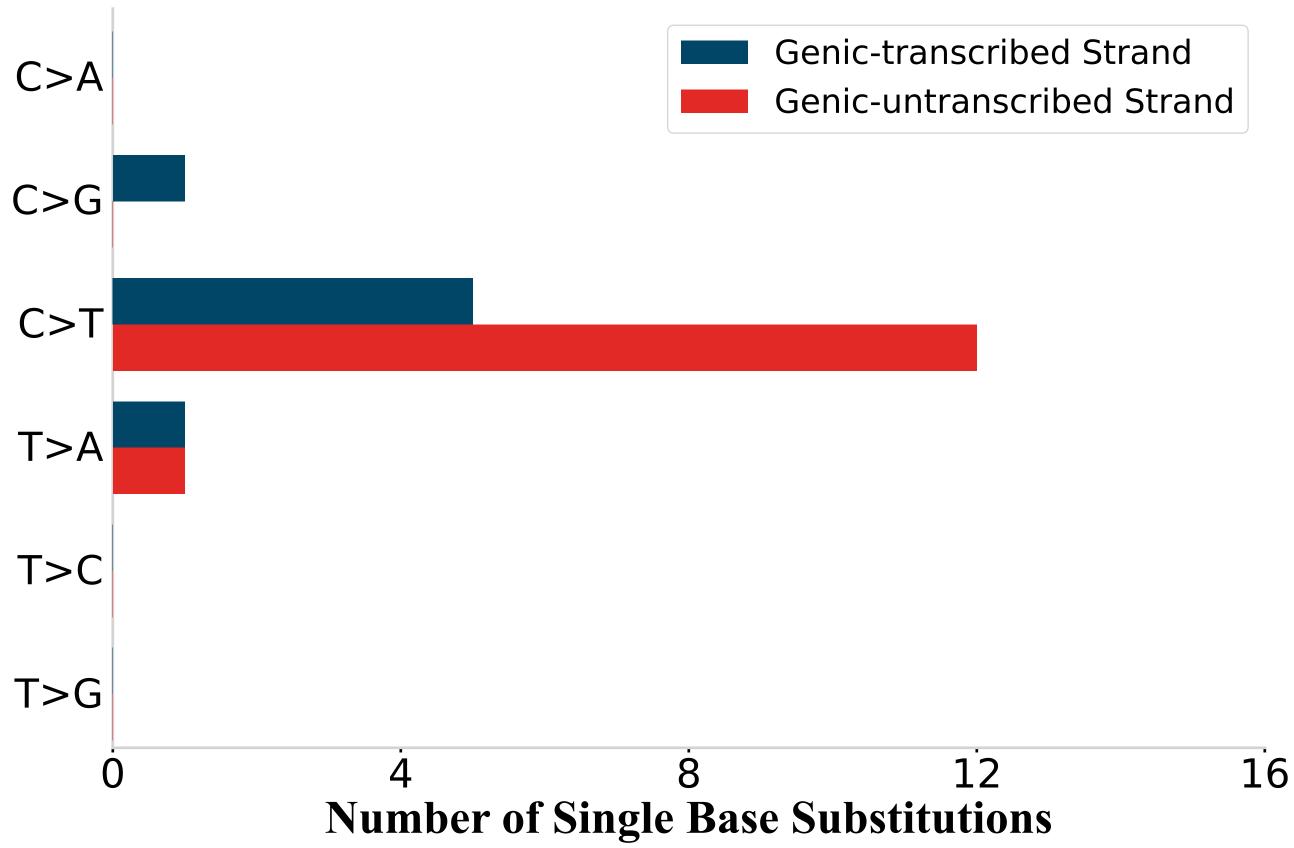
P-0024262-T01-IM6: 172 transcribed subs



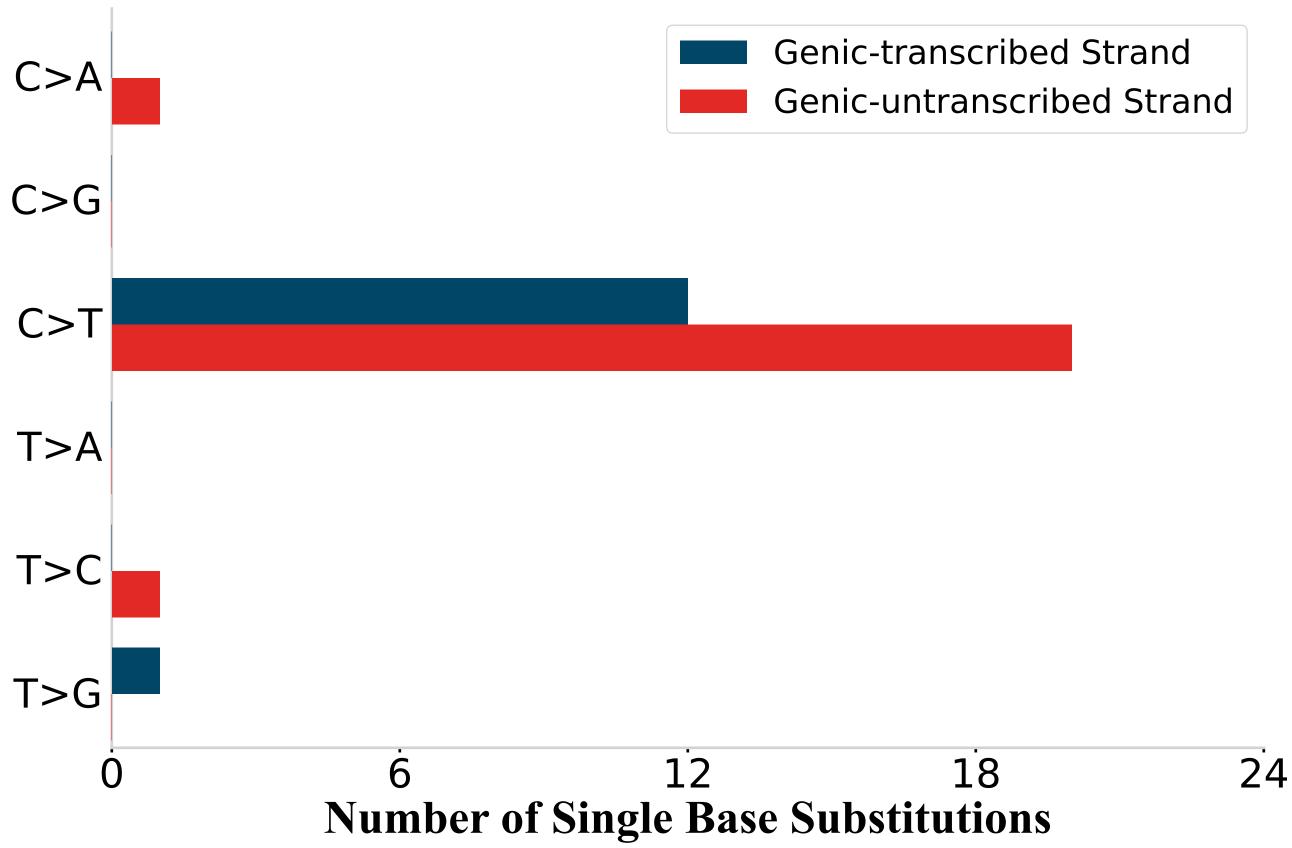
P-0024301-T01-IM6: 4 transcribed subs



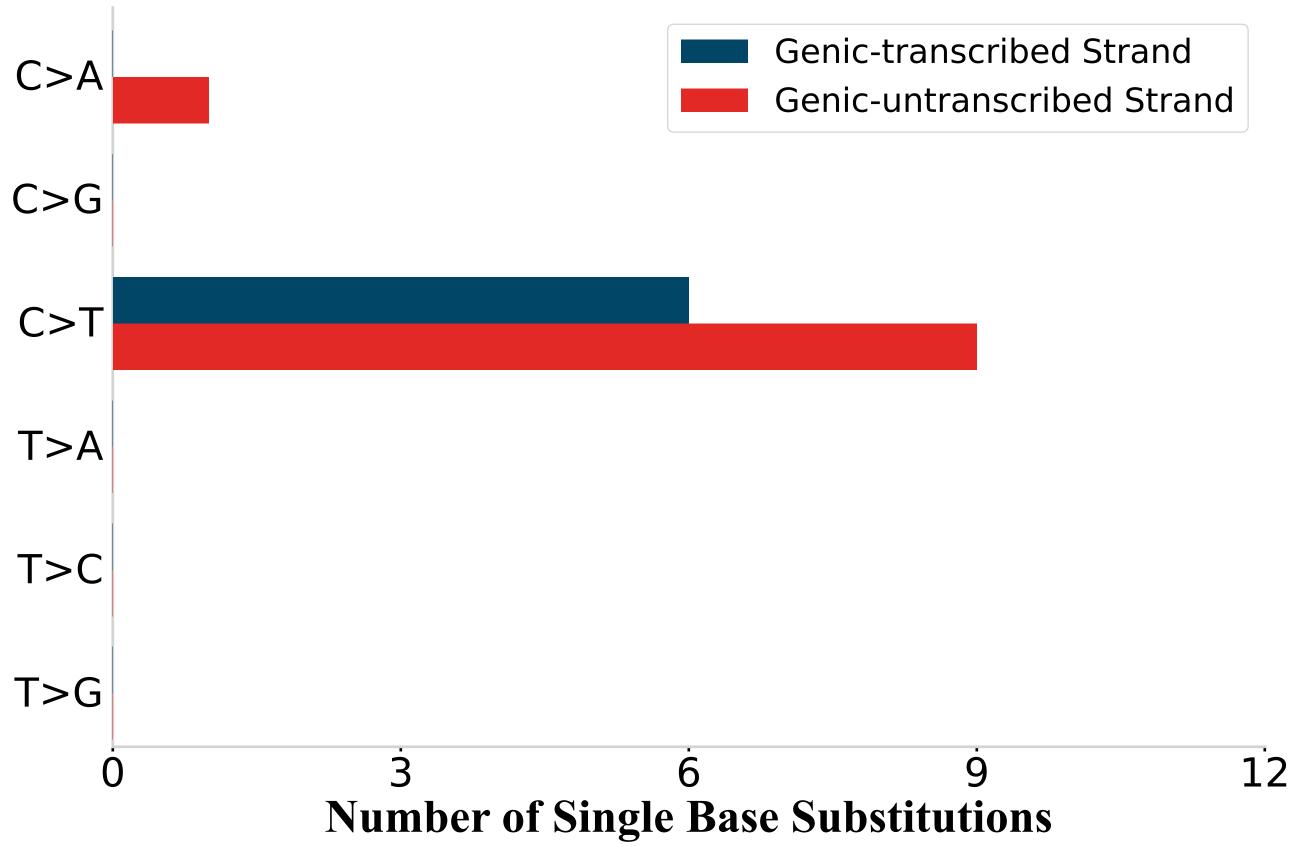
P-0024305-T01-IM6: 20 transcribed subs



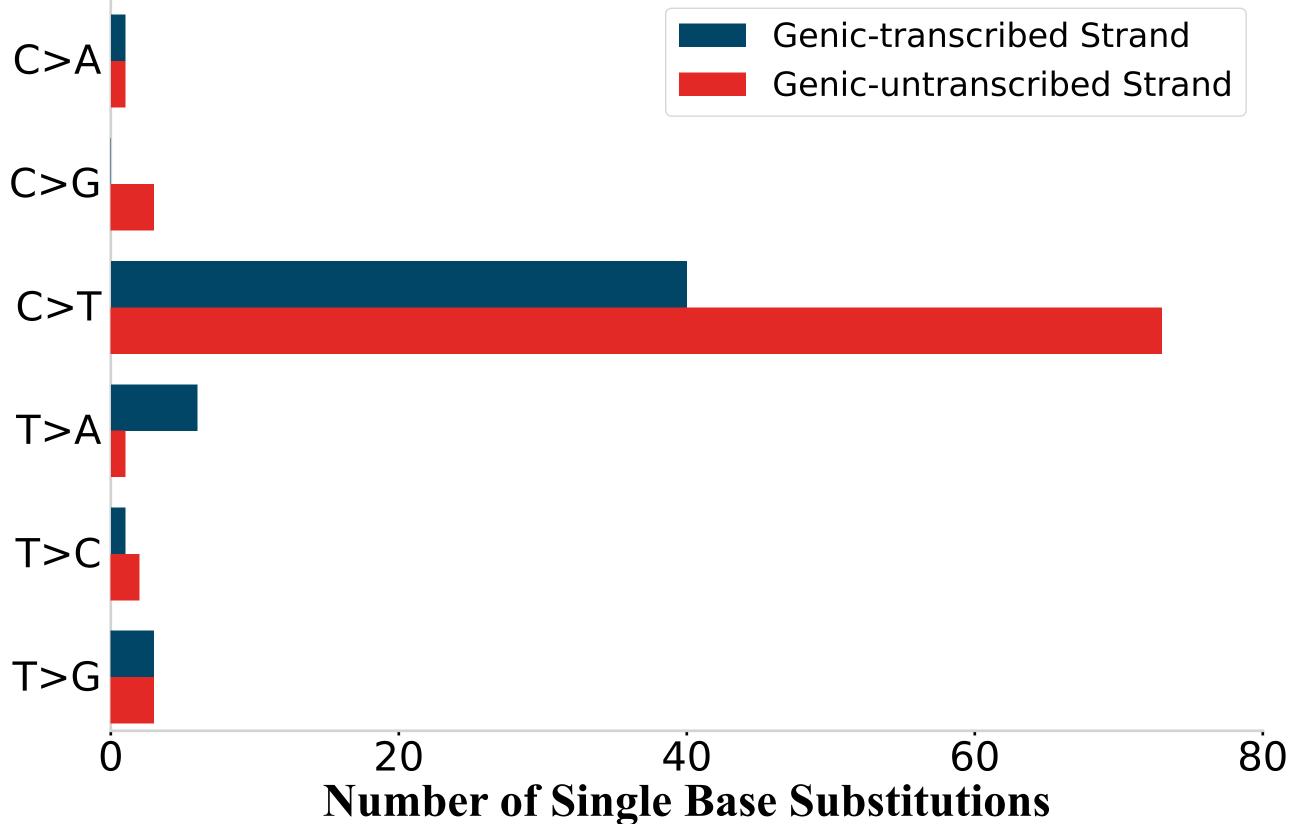
P-0024339-T01-IM6: 35 transcribed subs



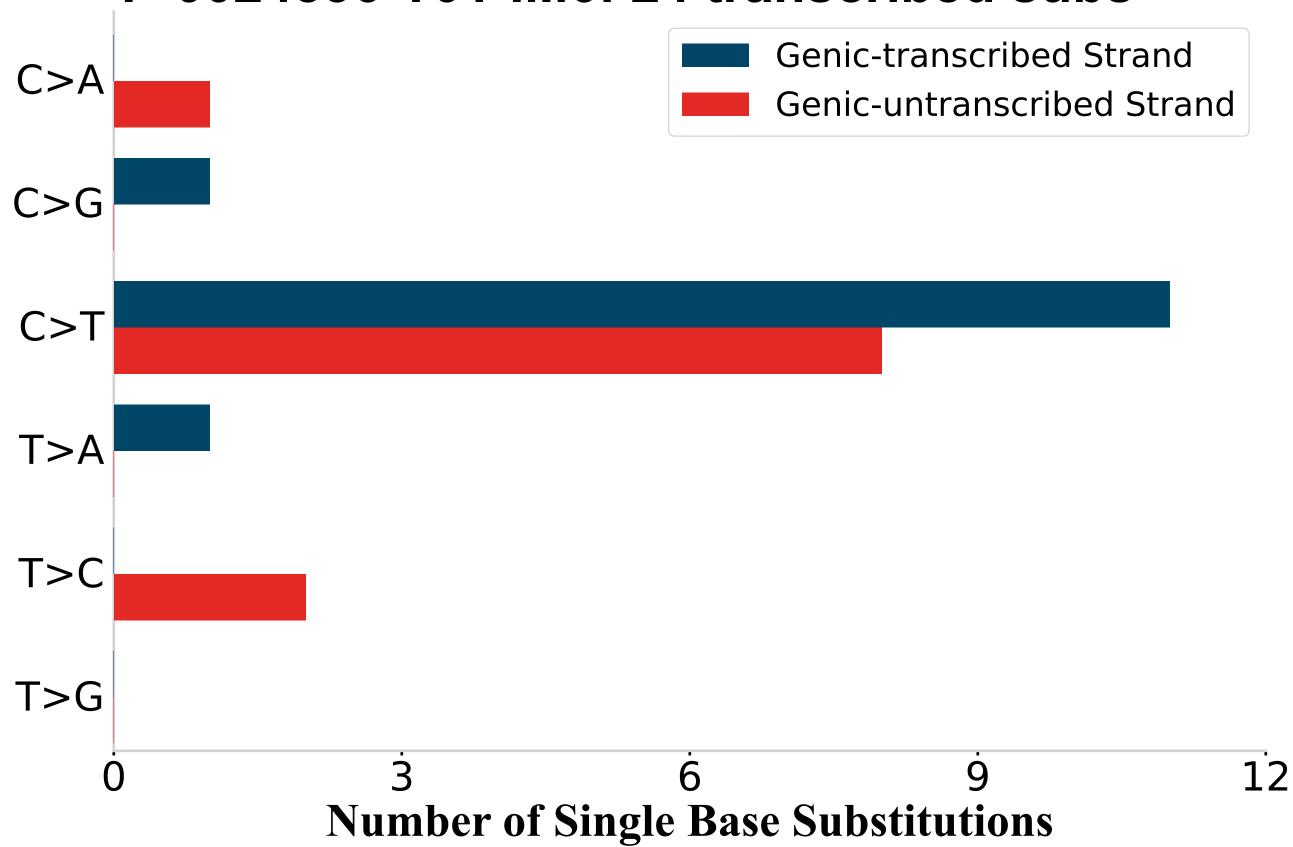
P-0024344-T01-IM6: 16 transcribed subs



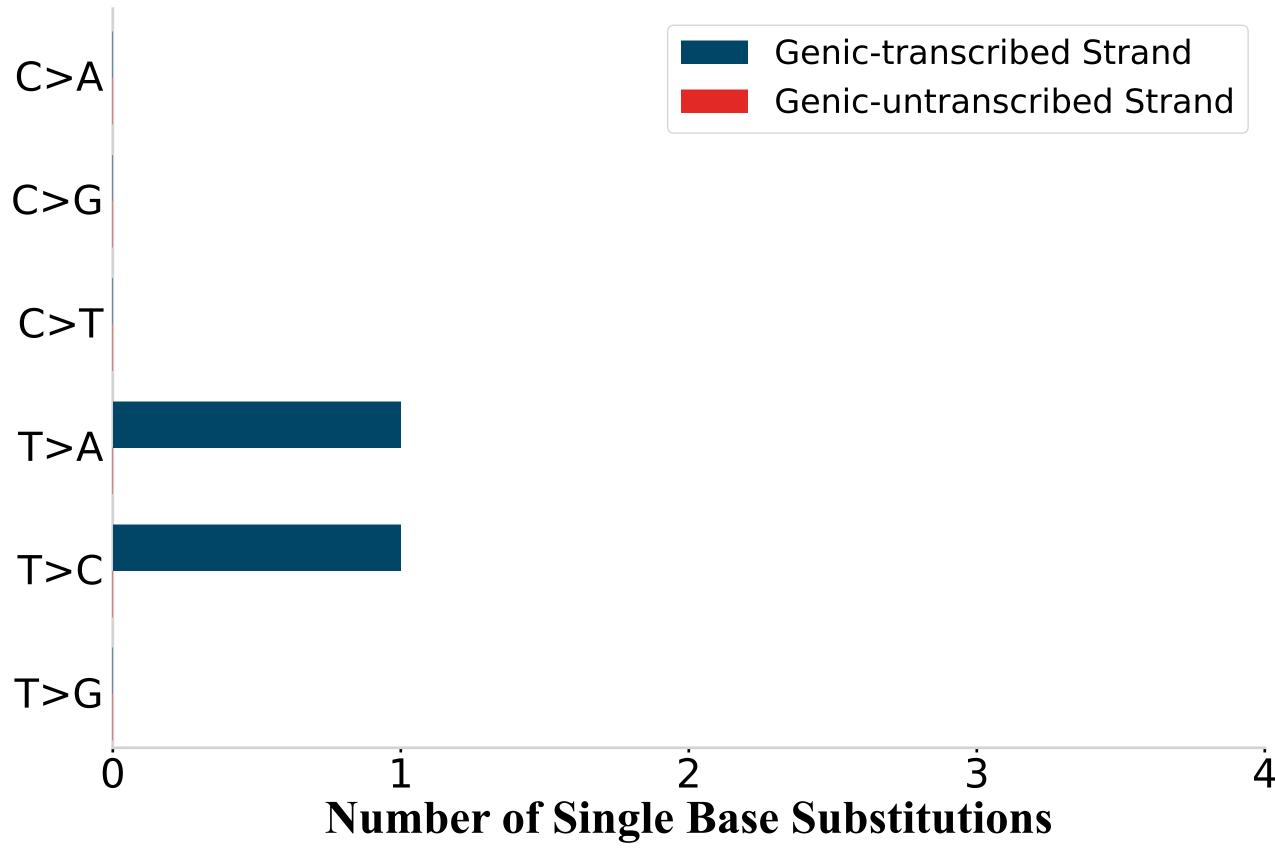
P-0024395-T01-IM6: 134 transcribed subs Genic-transcribed Strans



P-0024536-T01-IM6: 24 transcribed subs

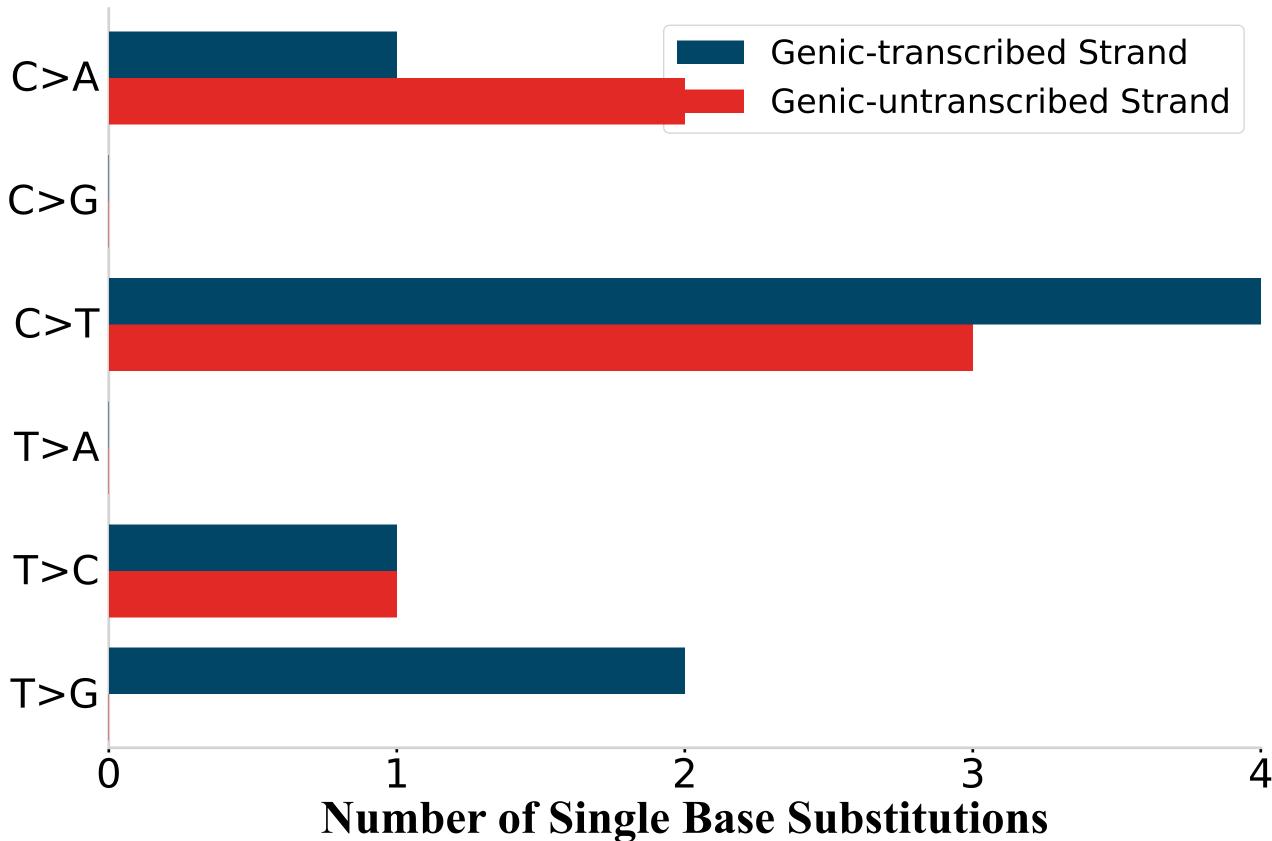


P-0024595-T01-IM6: 2 transcribed subs

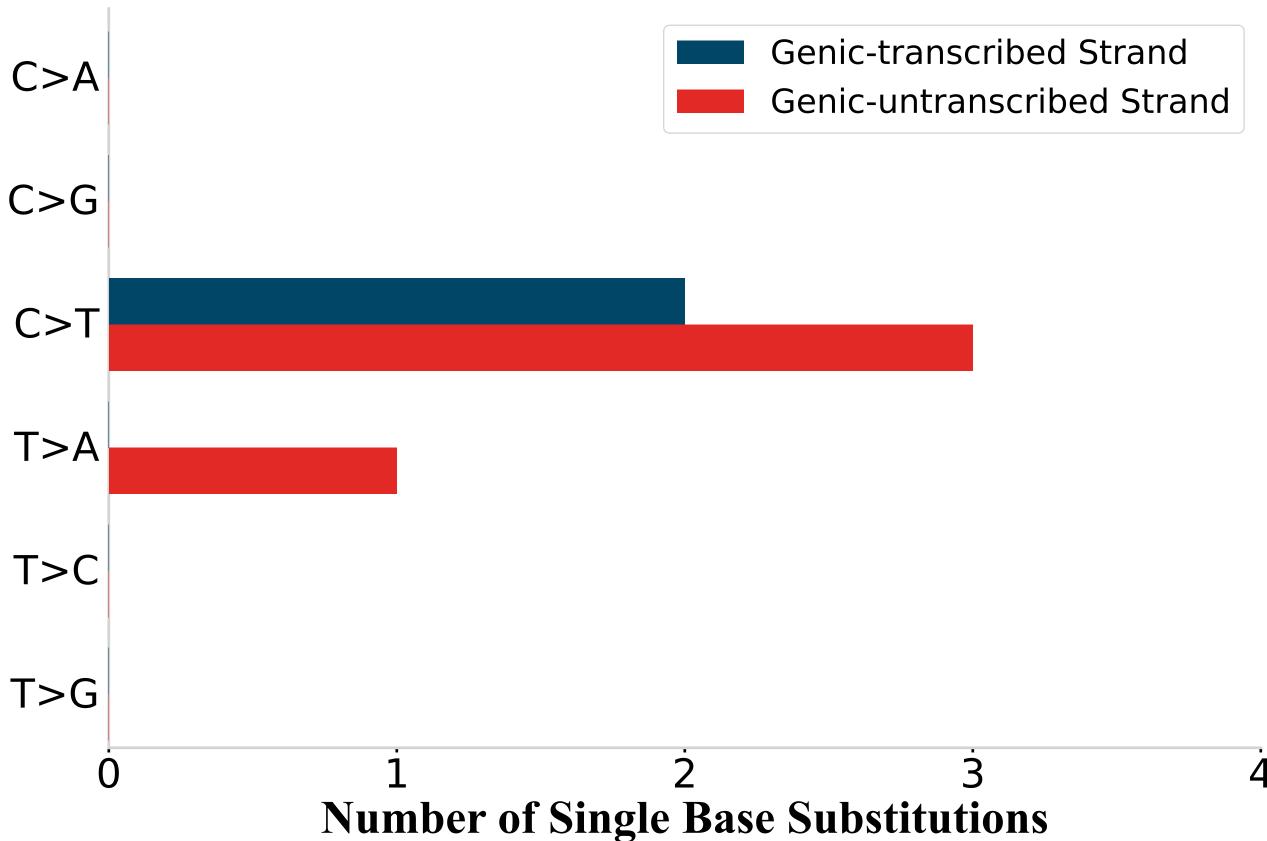


P-0024639-T01-IM6: 171 transcribed subs Genic-transcribed Strand Genic-untranscribed Strand C>T T>A T>C T>G 26 52 78 104 **Number of Single Base Substitutions**

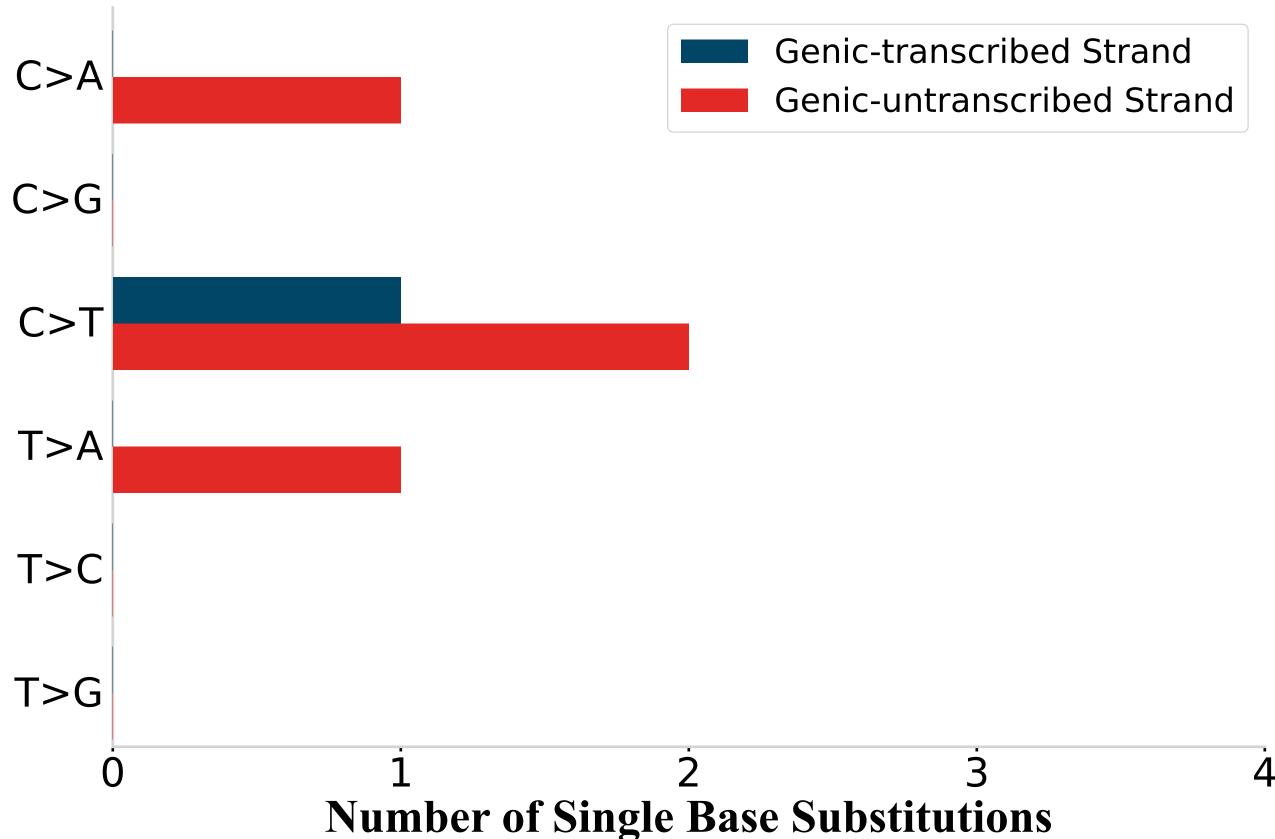
P-0024769-T01-IM6: 14 transcribed subs



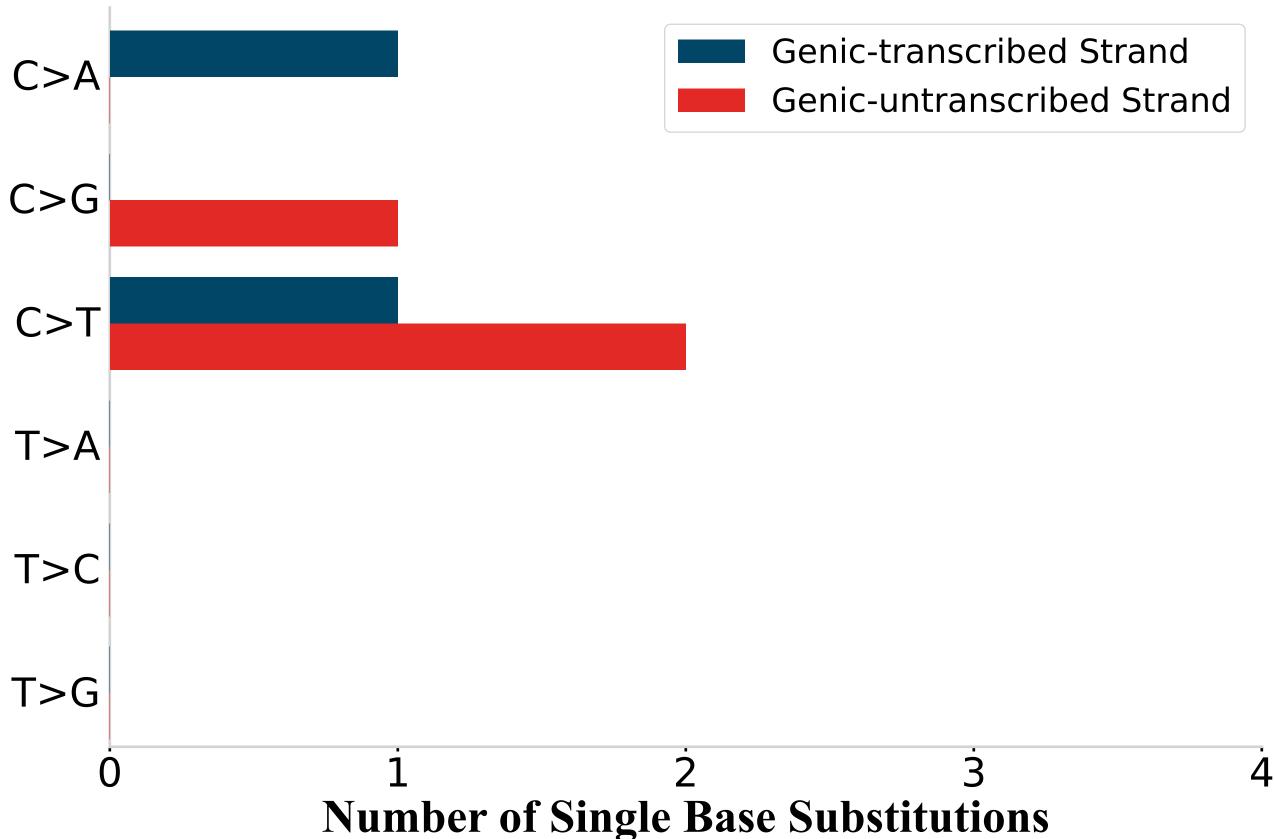
P-0024771-T01-IM6: 6 transcribed subs



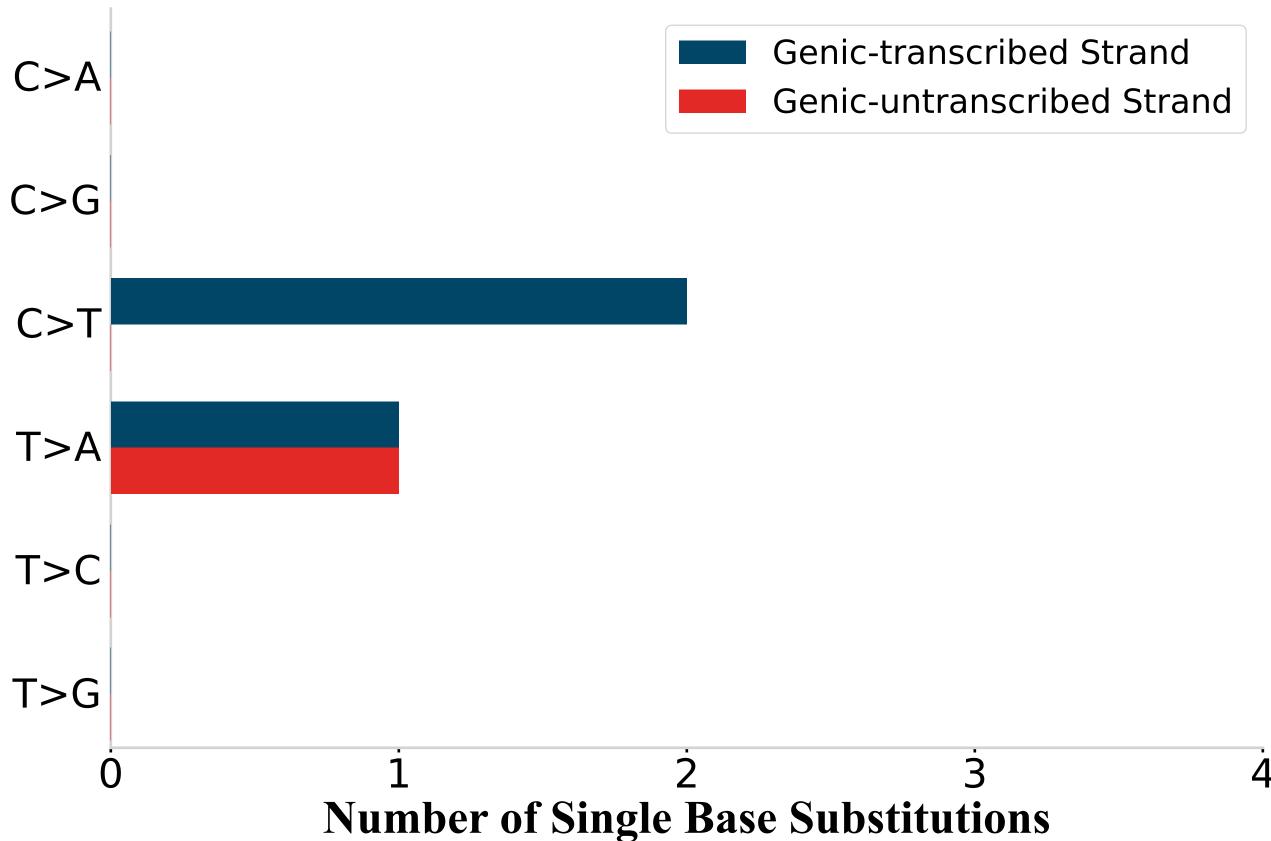
P-0024830-T01-IM6: 5 transcribed subs



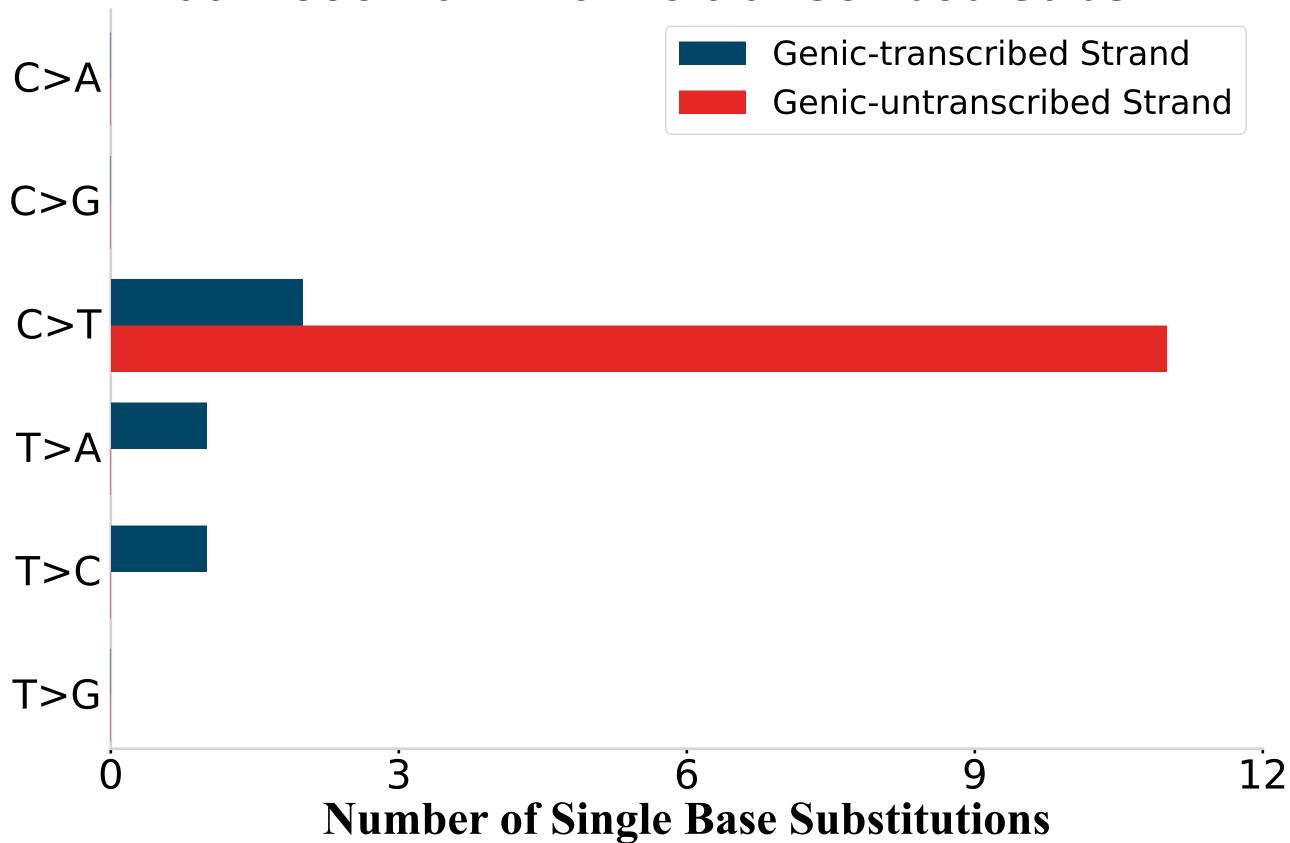
P-0024927-T01-IM6: 5 transcribed subs



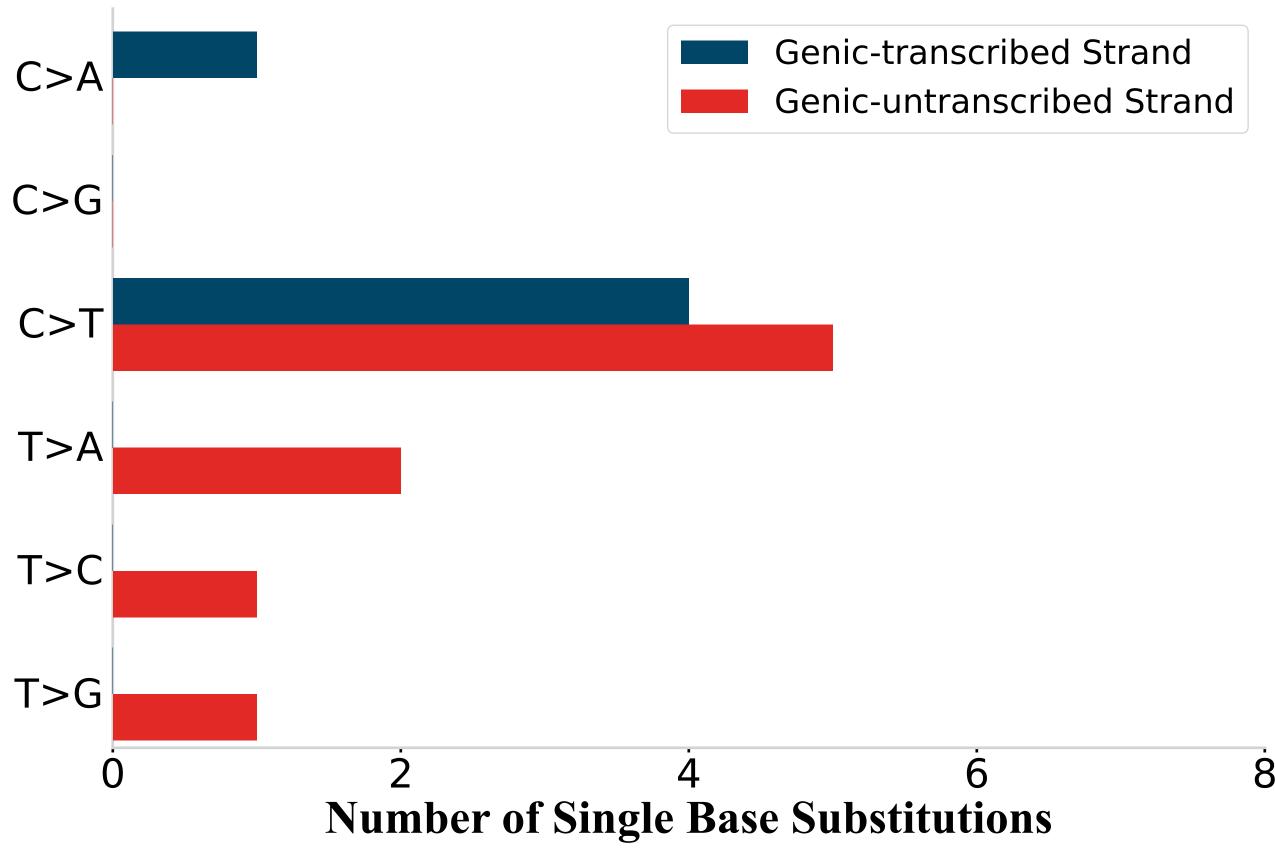
P-0024994-T01-IM6: 4 transcribed subs



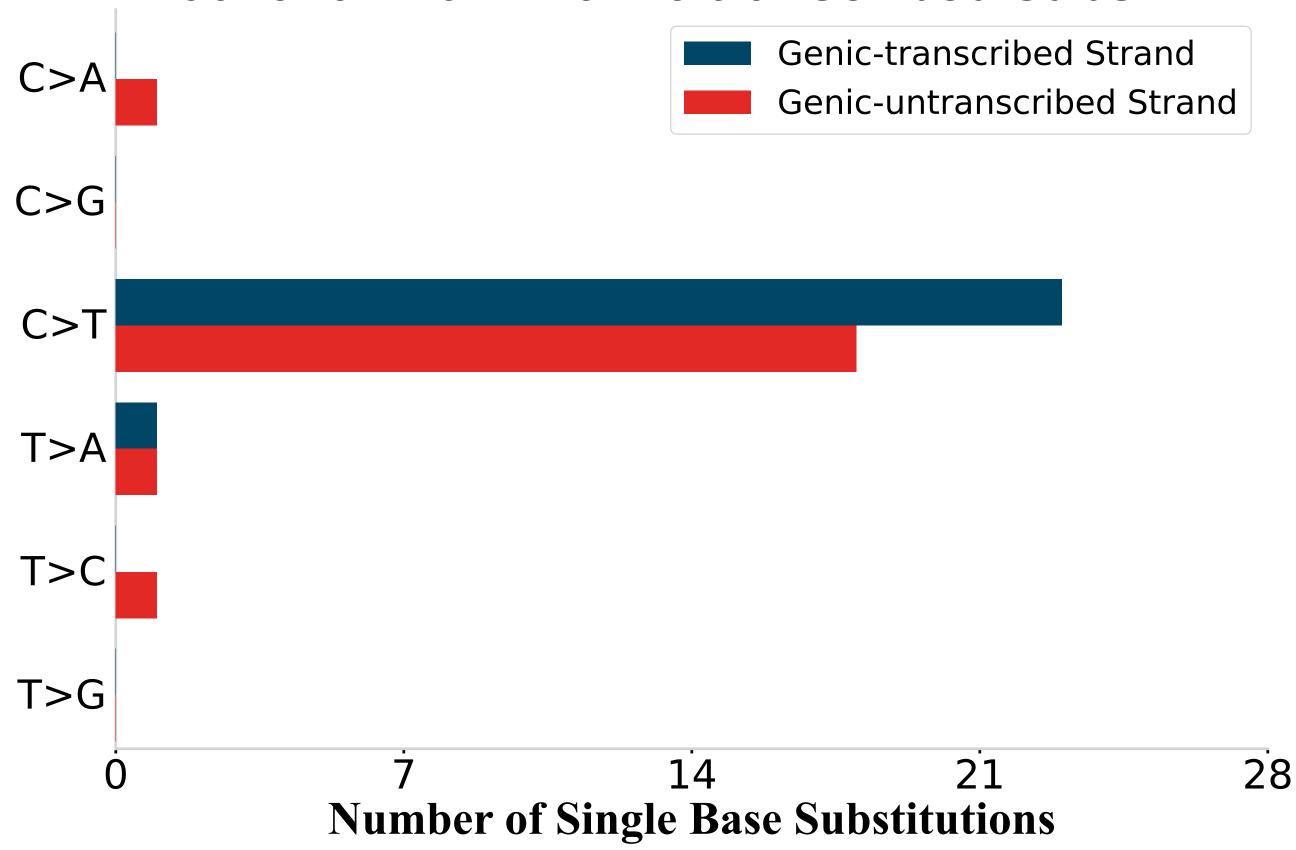
P-0024995-T01-IM6: 15 transcribed subs



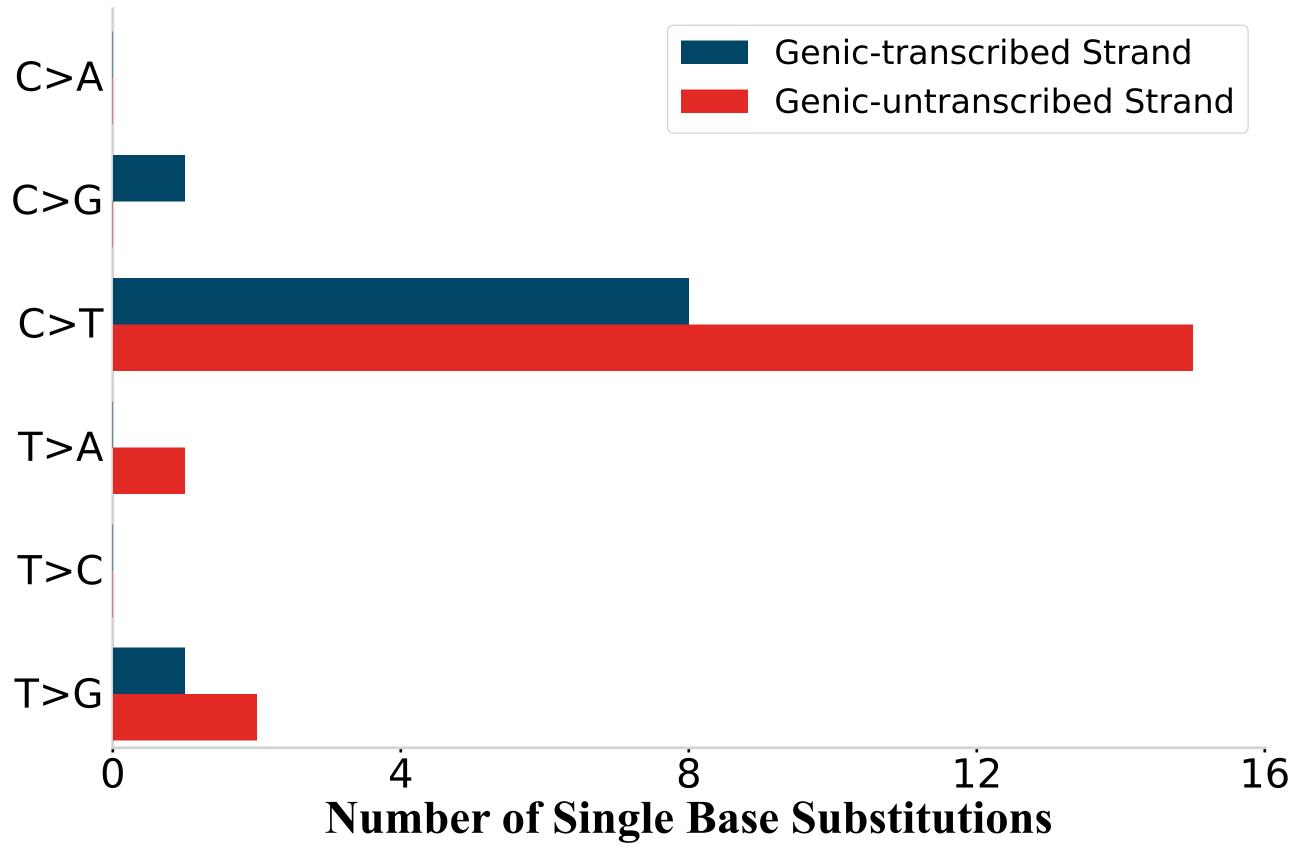
P-0025093-T01-IM6: 14 transcribed subs



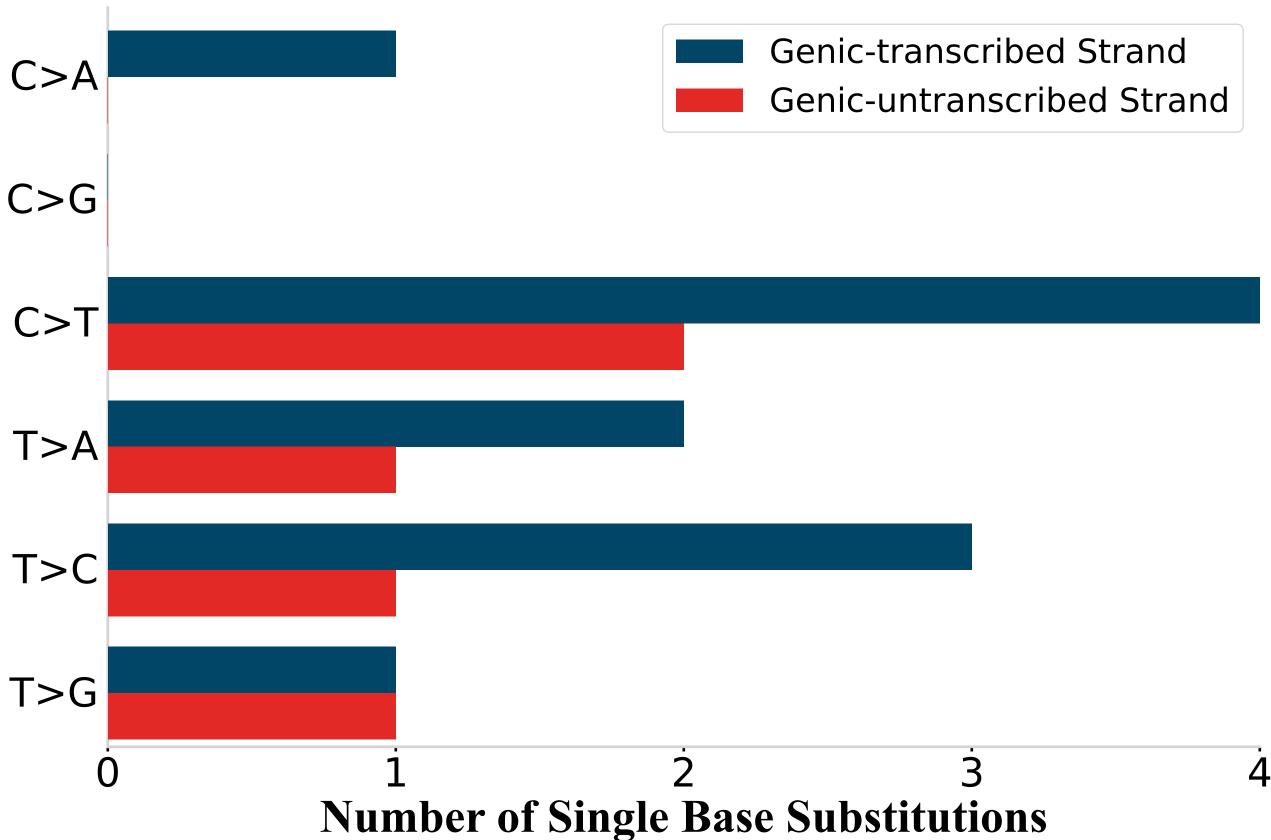
P-0025164-T01-IM6: 45 transcribed subs



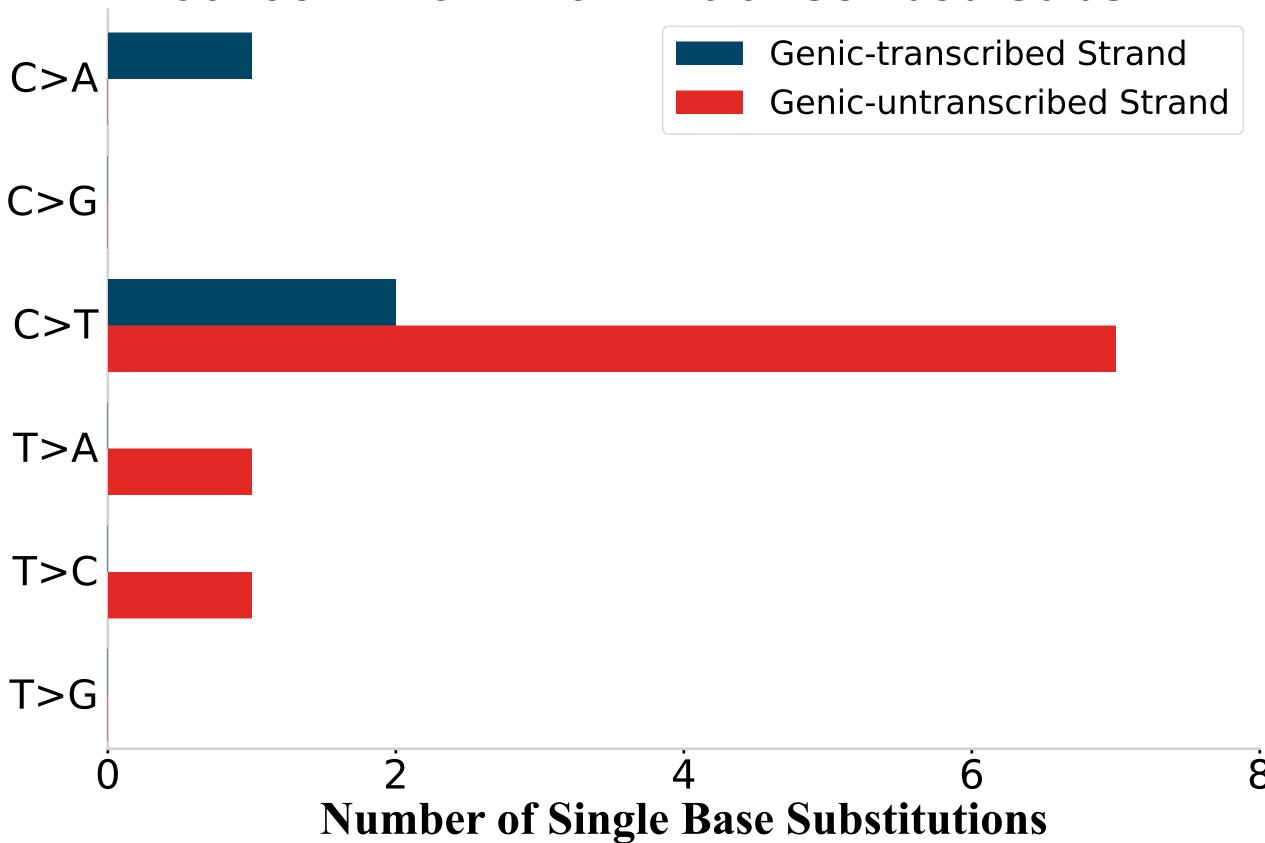
P-0025347-T01-IM6: 28 transcribed subs



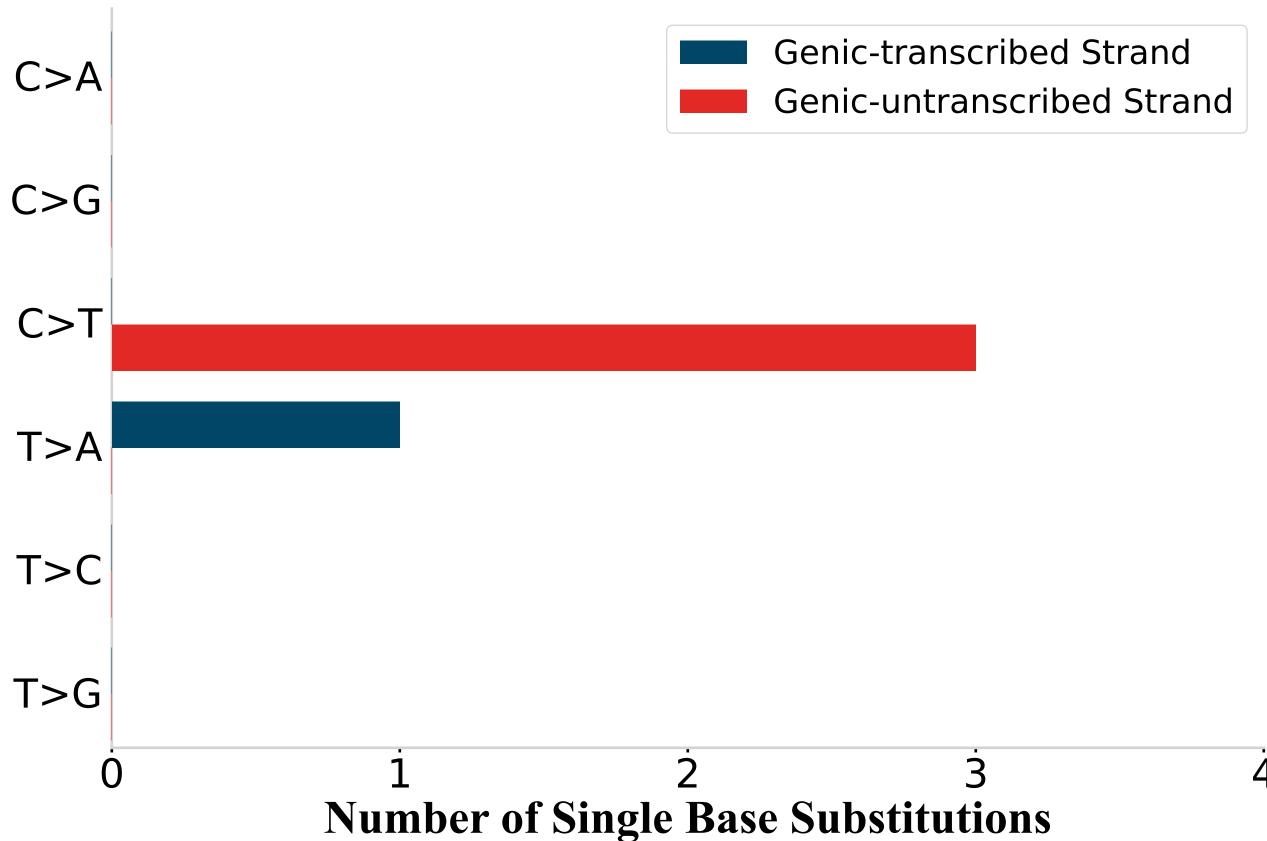
P-0025530-T01-IM6: 16 transcribed subs



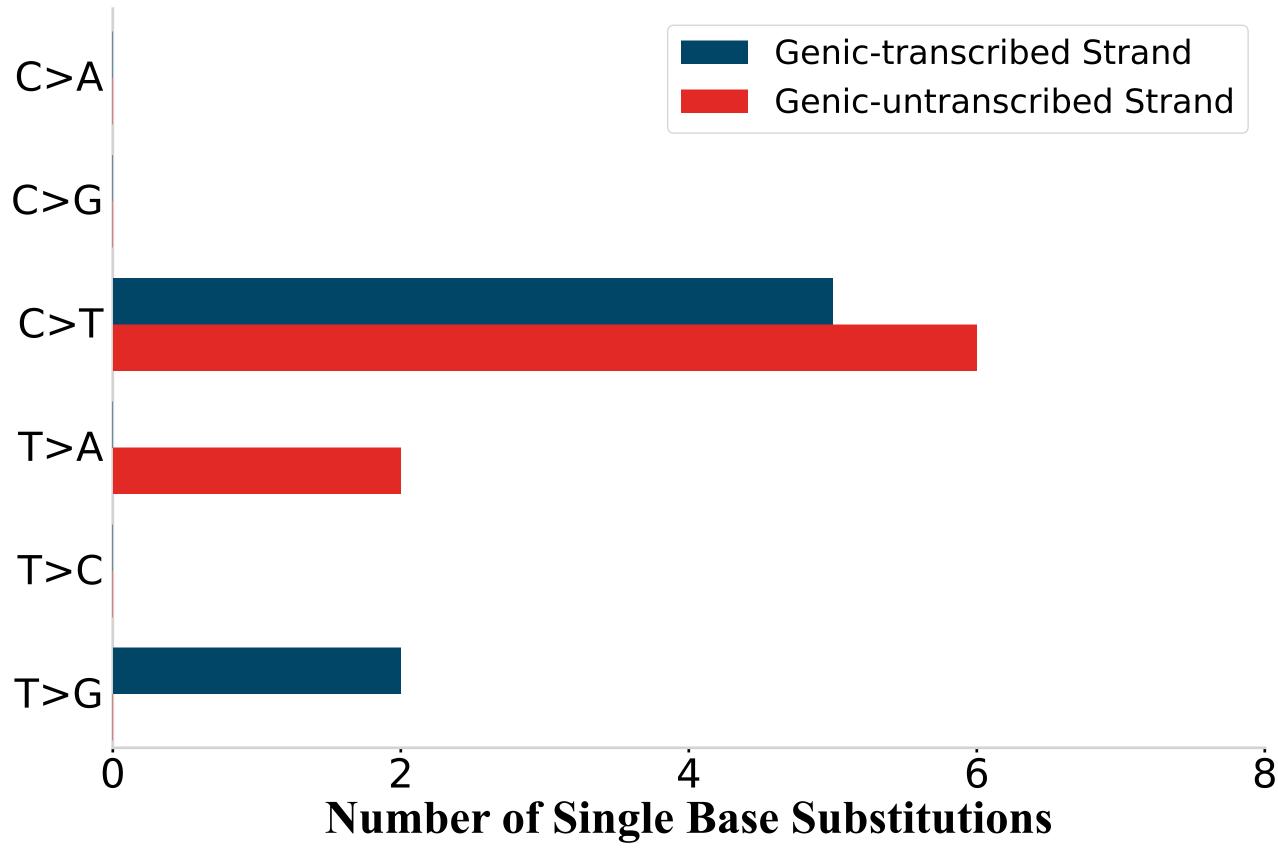
P-0025541-T01-IM6: 12 transcribed subs



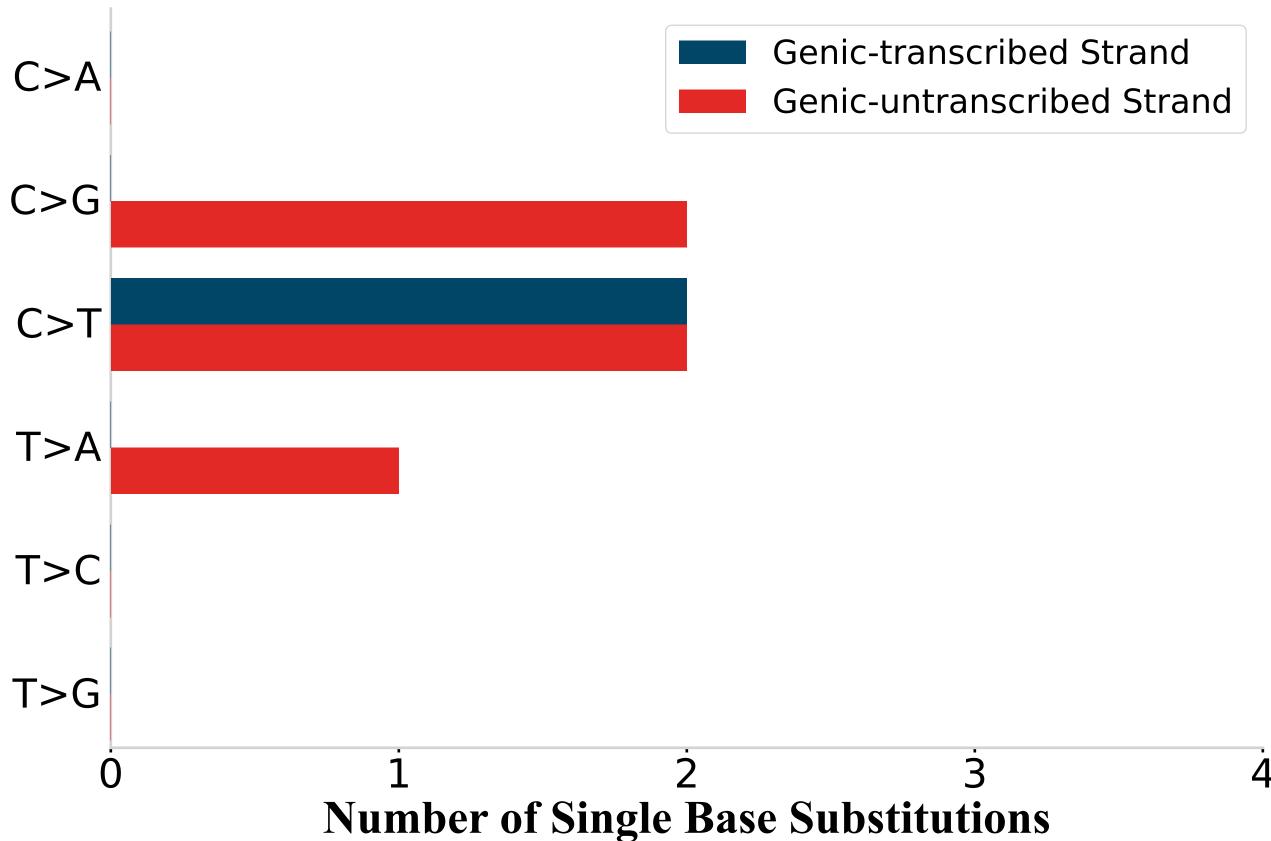
P-0025561-T01-IM6: 4 transcribed subs



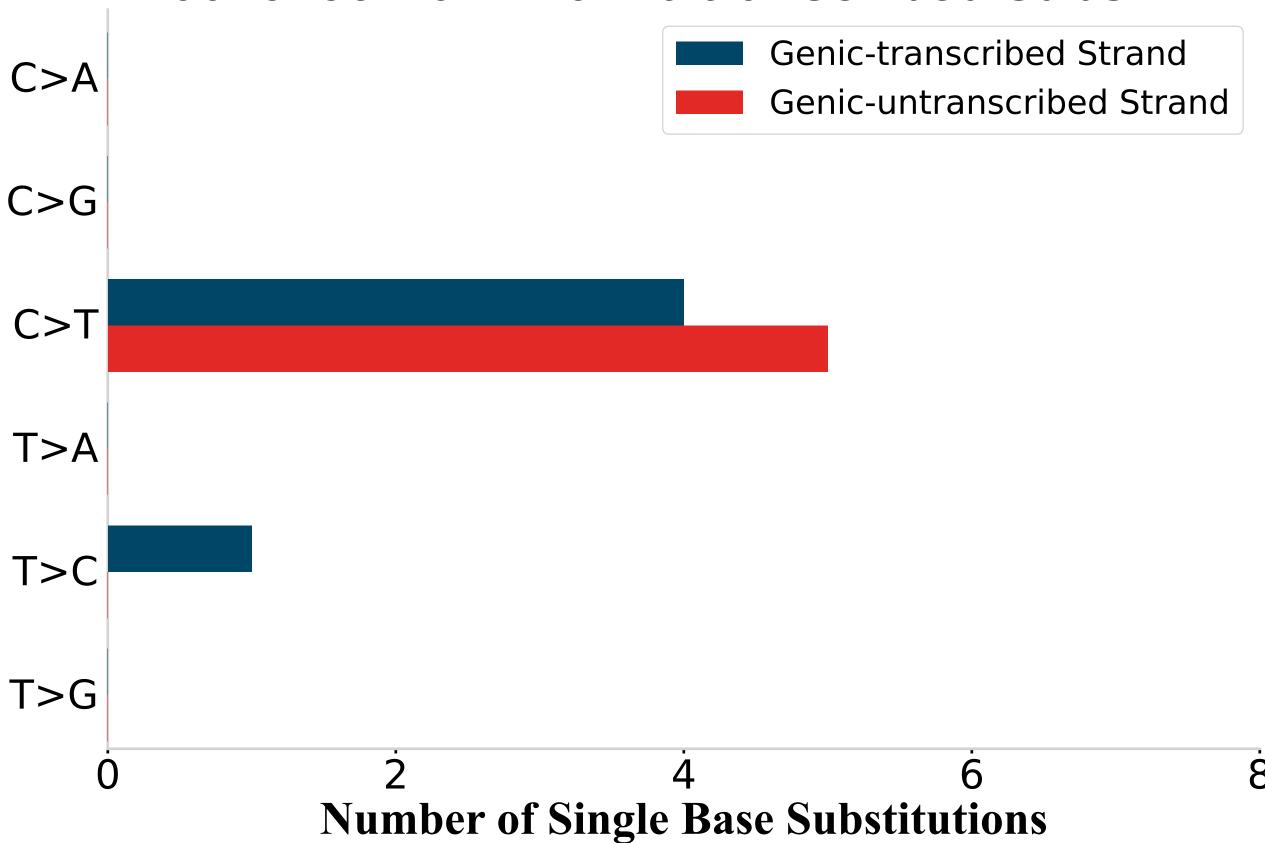
P-0025565-T01-IM6: 15 transcribed subs



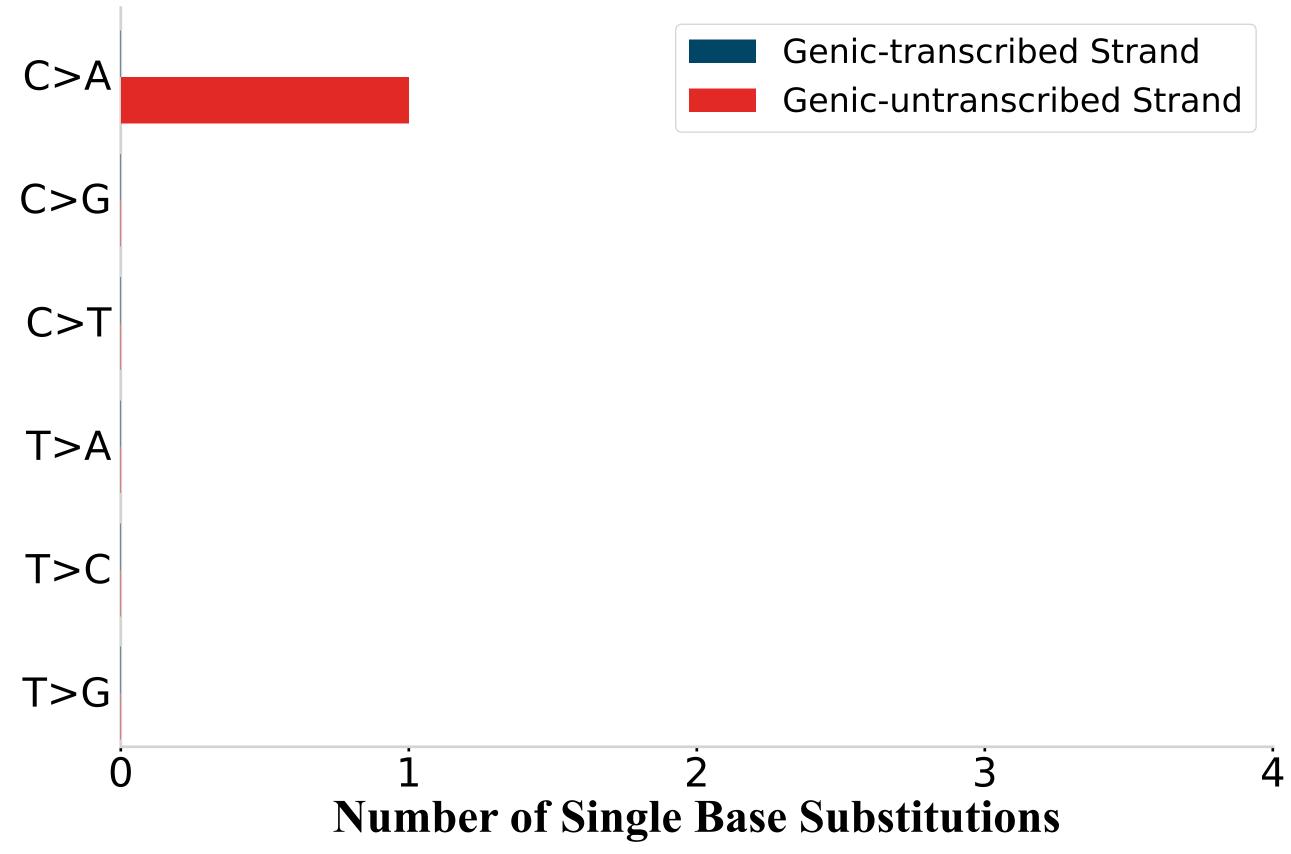
P-0025608-T01-IM6: 7 transcribed subs



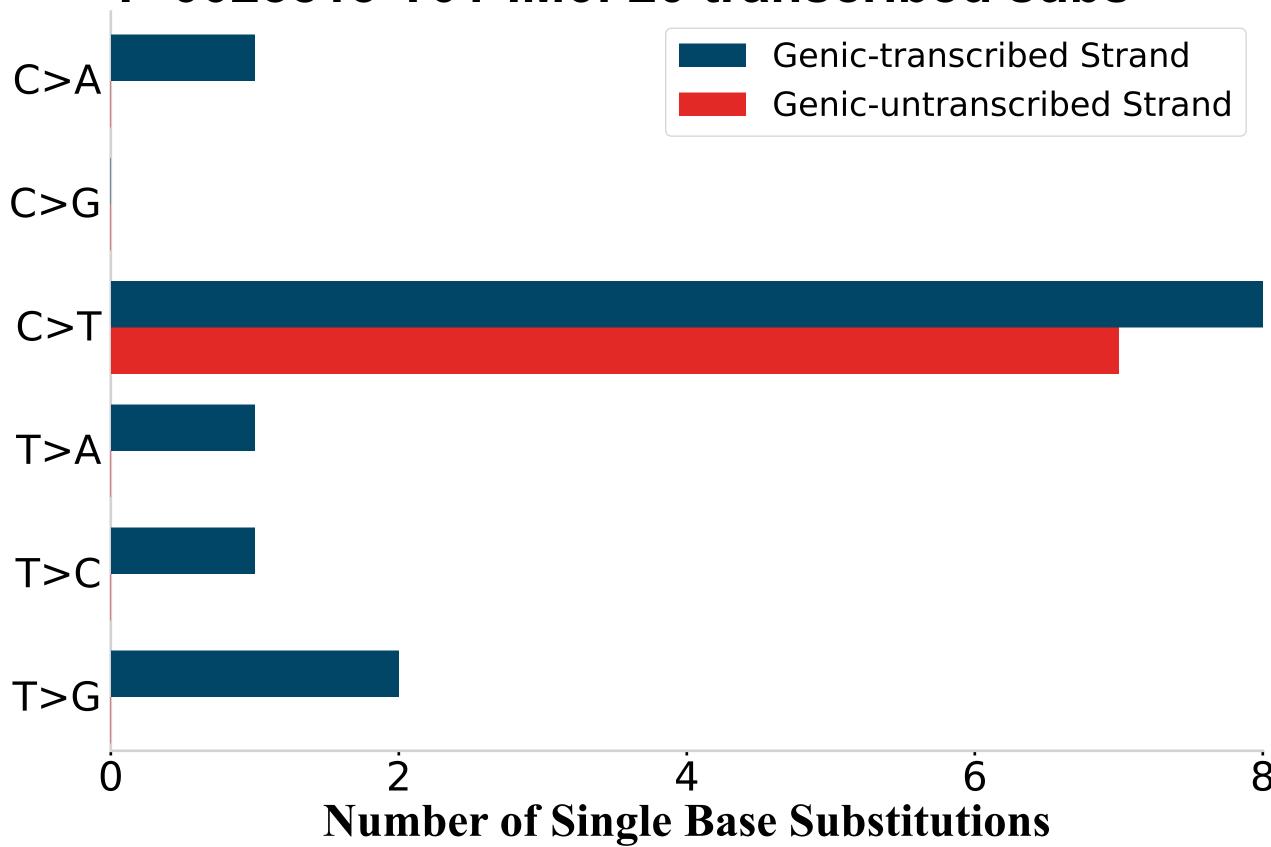
P-0025733-T01-IM6: 10 transcribed subs



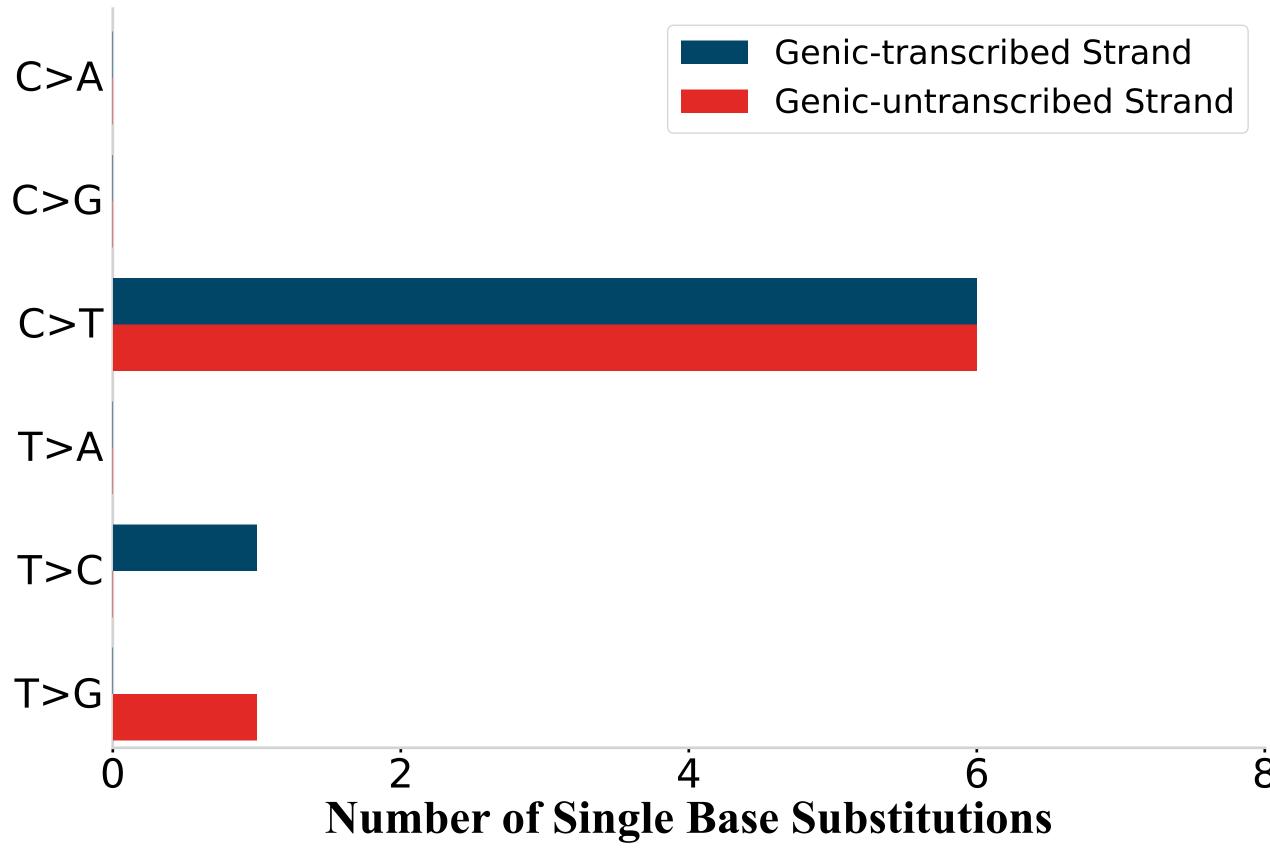
P-0025737-T01-IM6: 1 transcribed subs



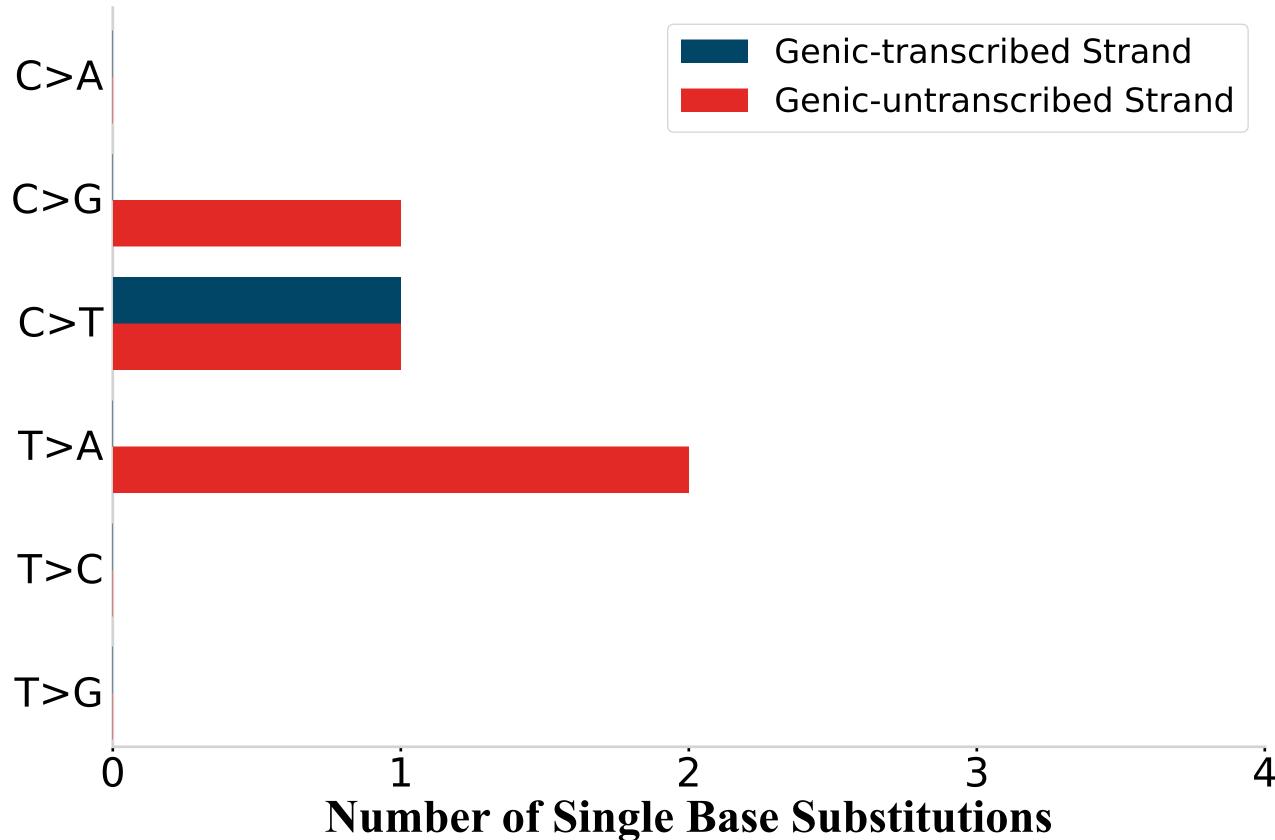
P-0025813-T01-IM6: 20 transcribed subs



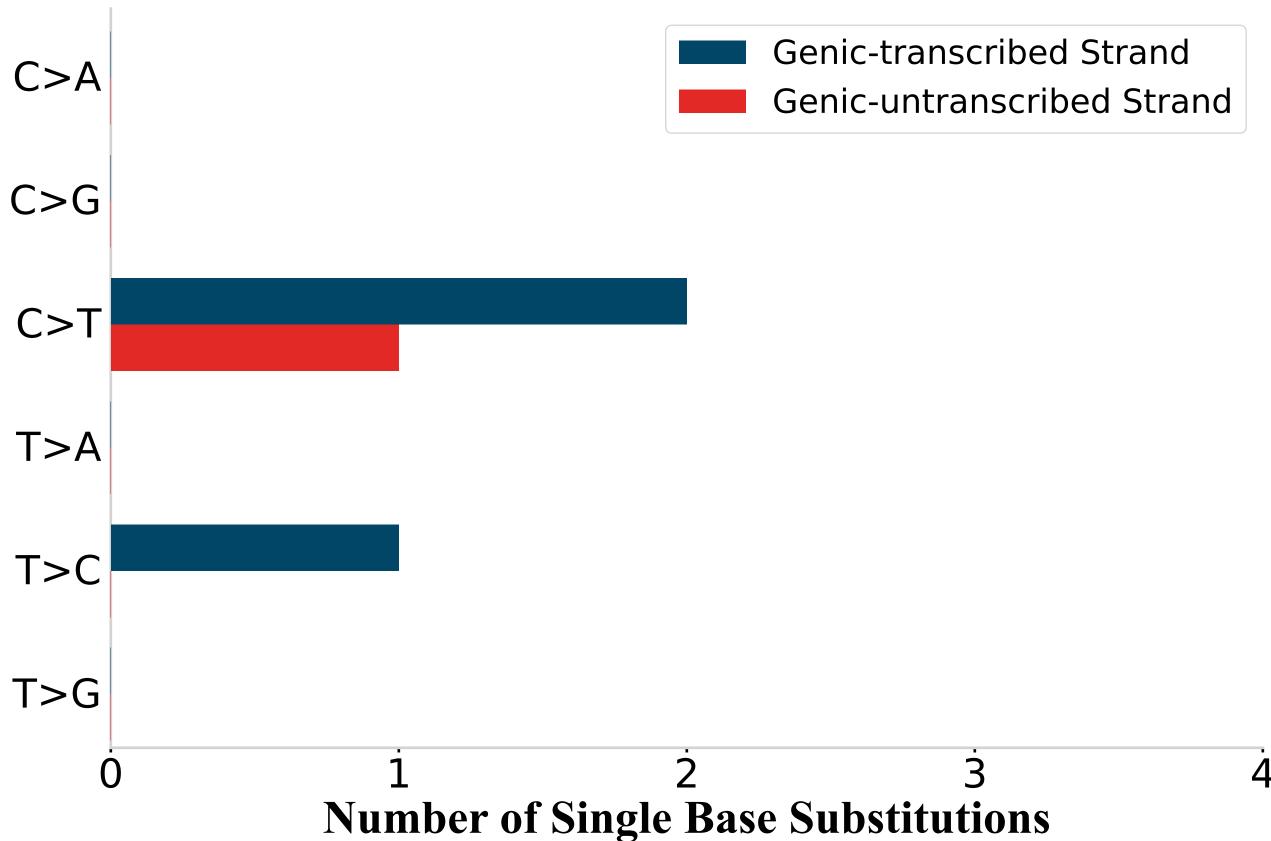
P-0025831-T01-IM6: 14 transcribed subs



P-0025853-T01-IM6: 5 transcribed subs

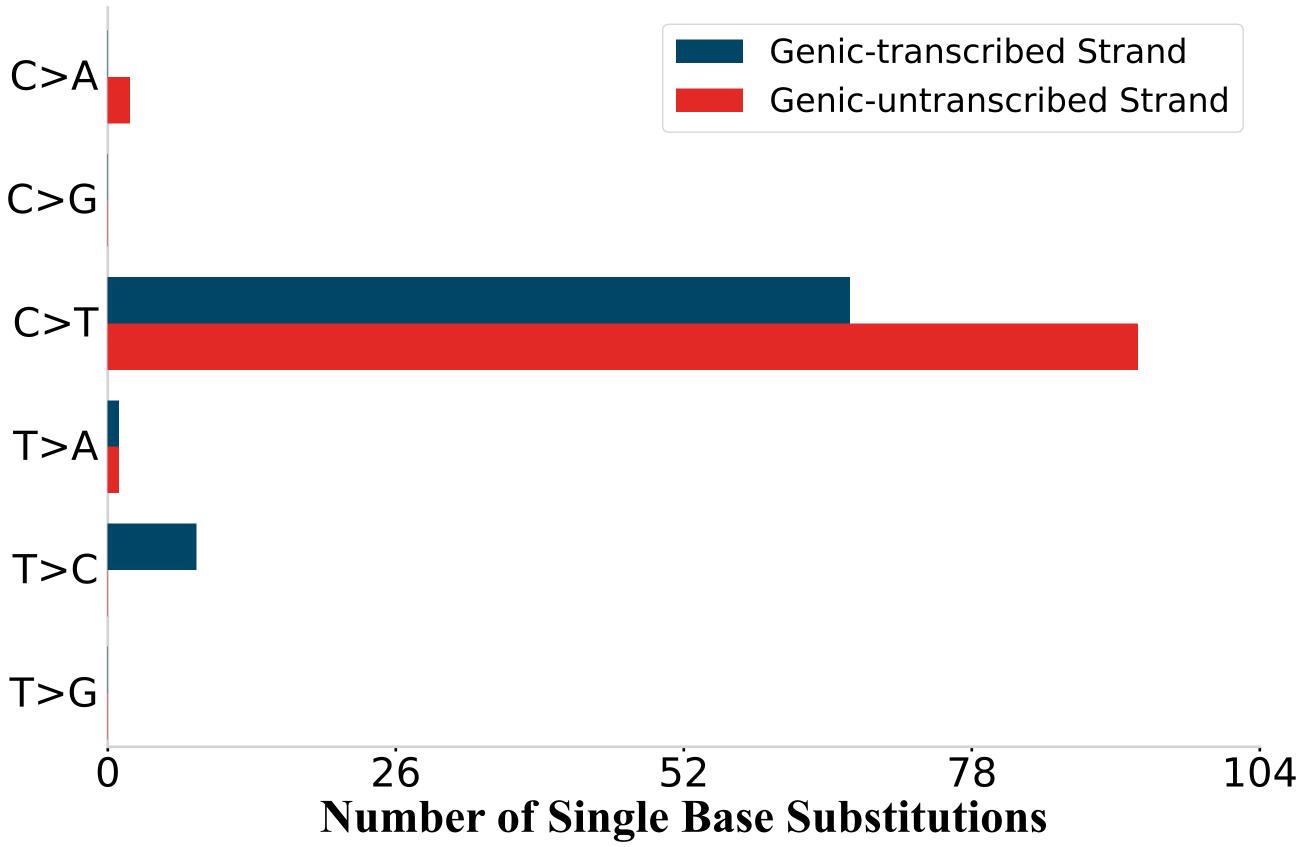


P-0025878-T01-IM6: 4 transcribed subs

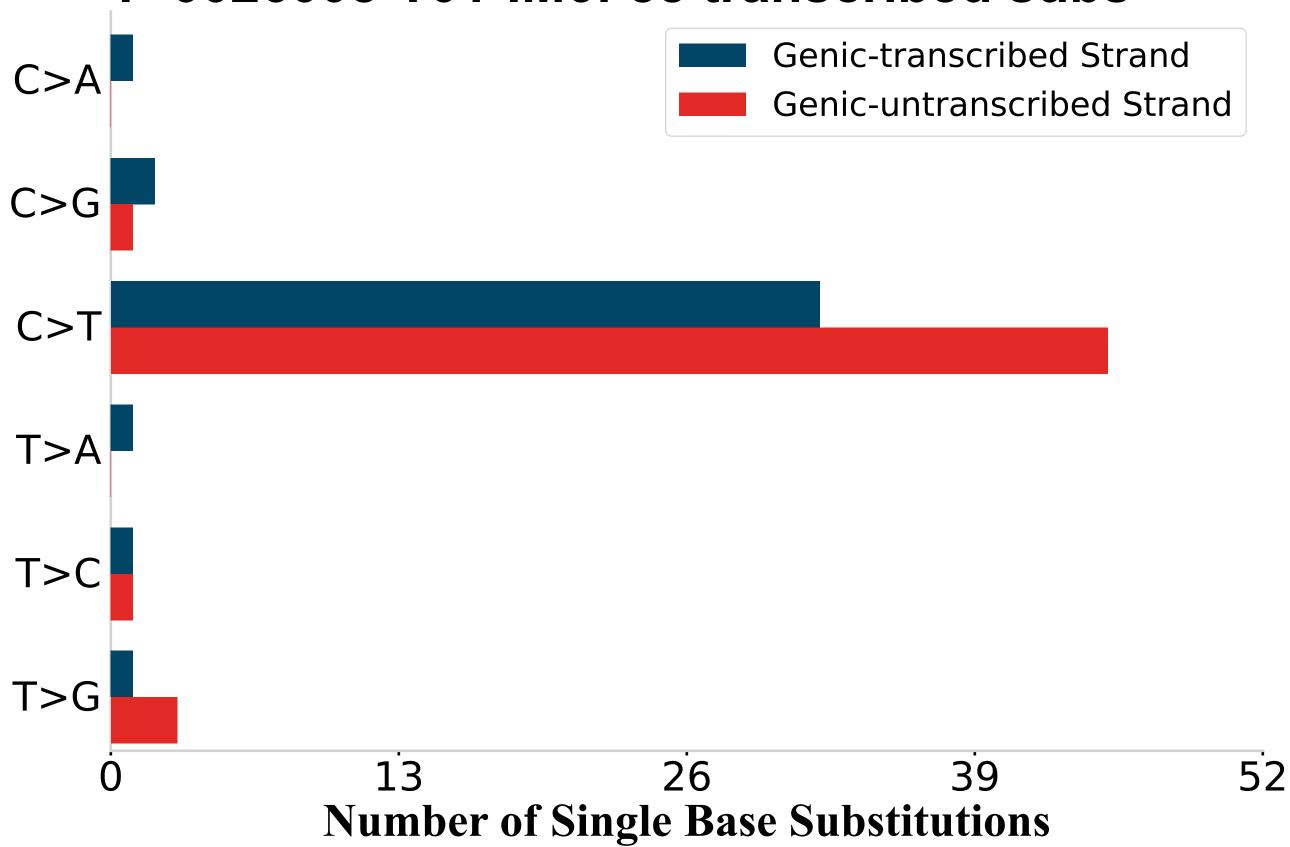


P-0025945-T01-IM6: 172 transcribed subs Genic-transcribed Strand C>A Genic-untranscribed Strand C>T T>A T>G 29 58 87 116 **Number of Single Base Substitutions**

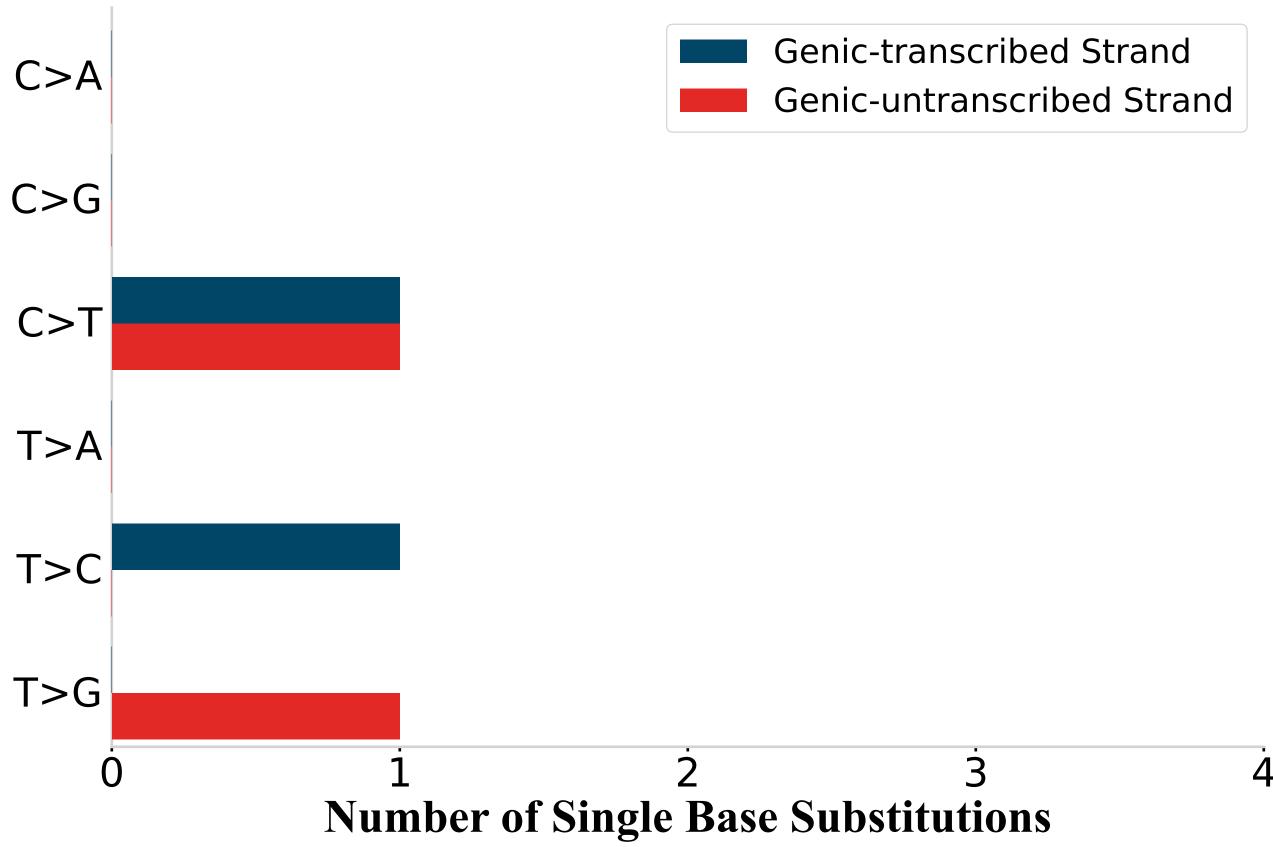
P-0025973-T01-IM6: 172 transcribed subs



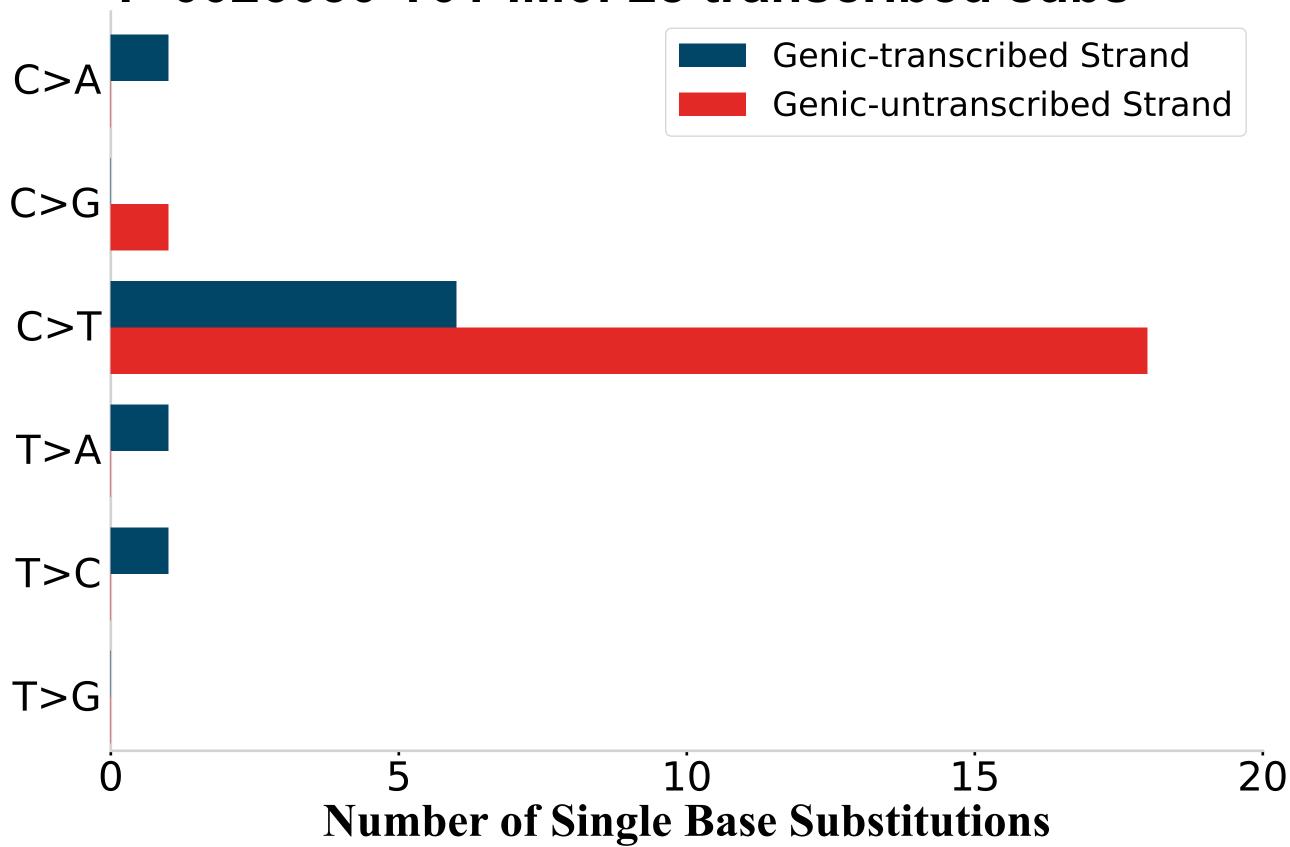
P-0026008-T01-IM6: 88 transcribed subs



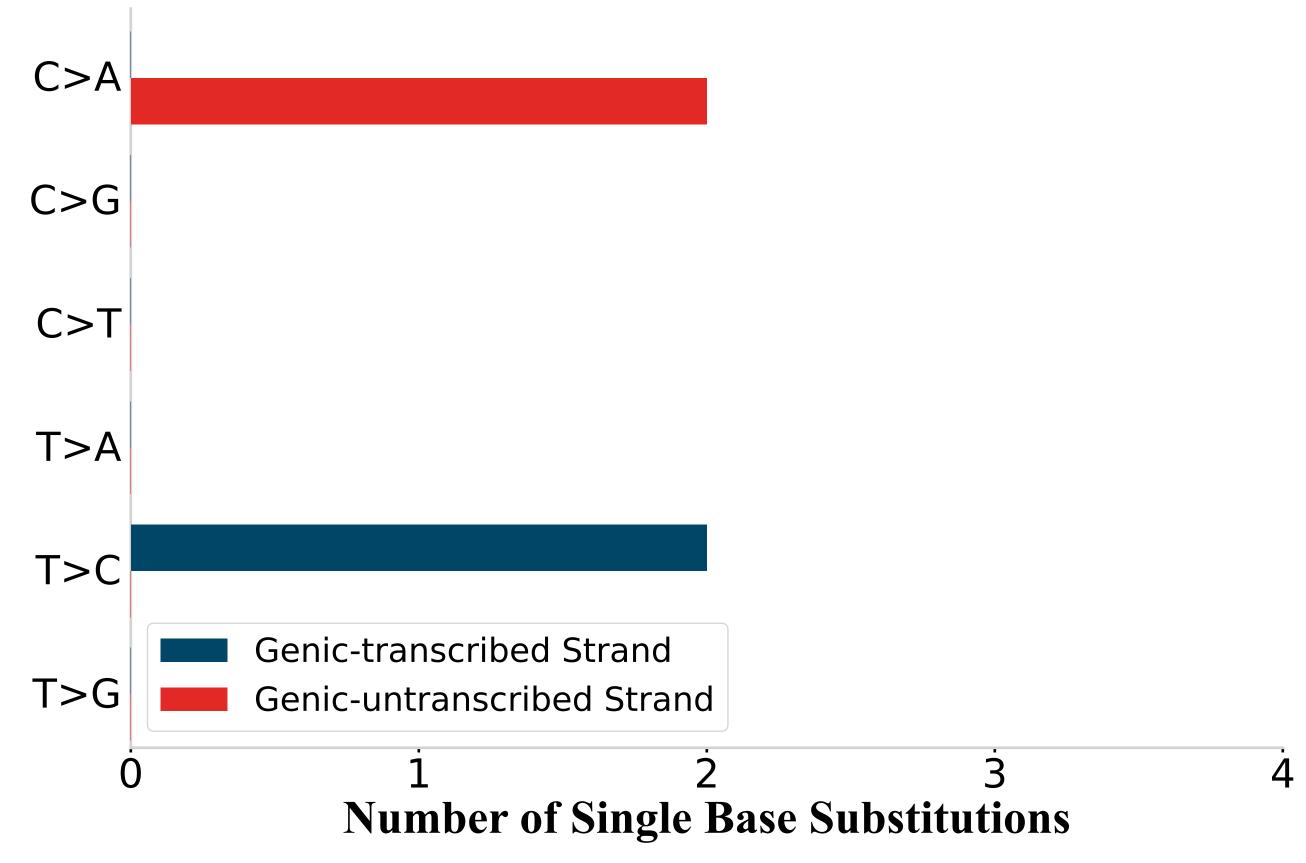
P-0026015-T01-IM6: 4 transcribed subs



P-0026030-T01-IM6: 28 transcribed subs



P-0026104-T01-IM6: 4 transcribed subs

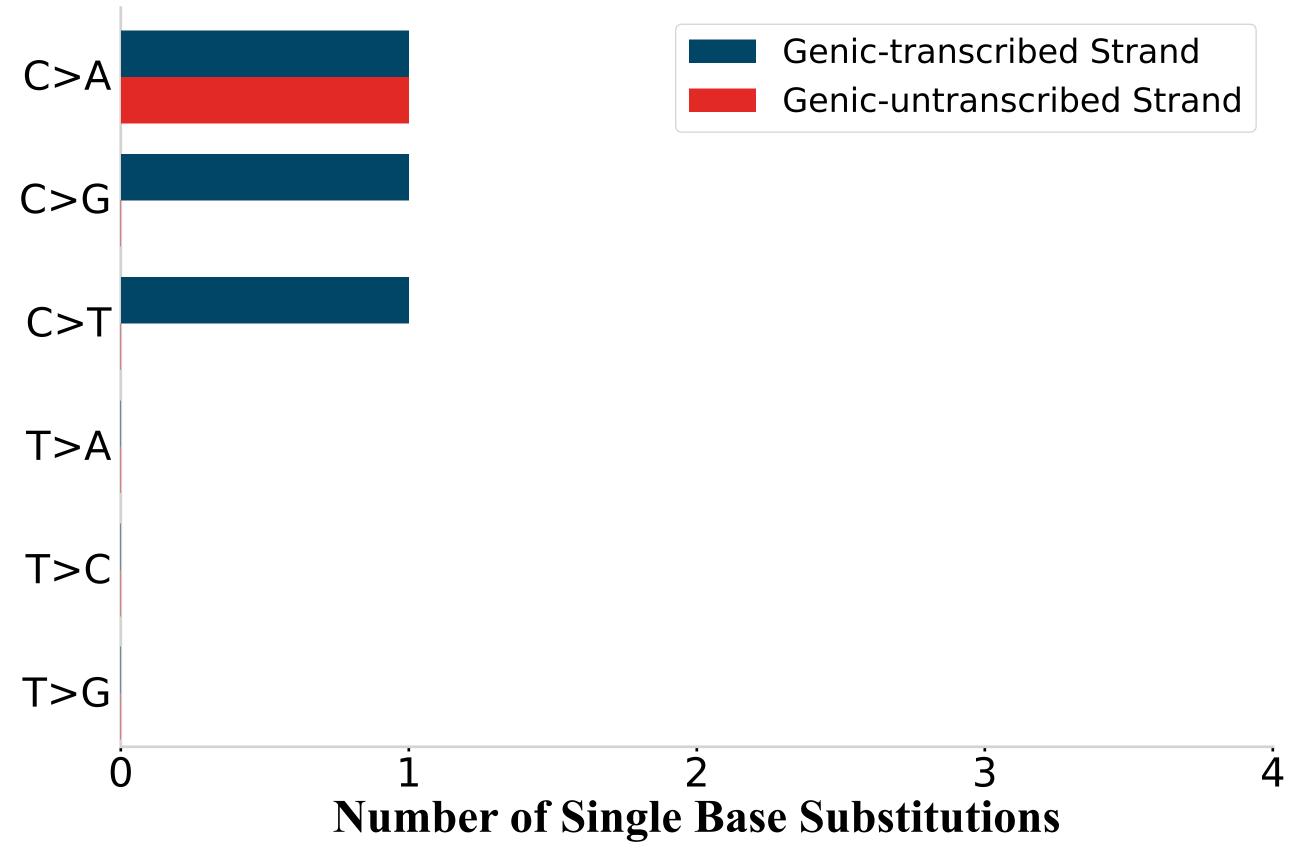


P-0026151-T01-IM6: 0 transcribed subs

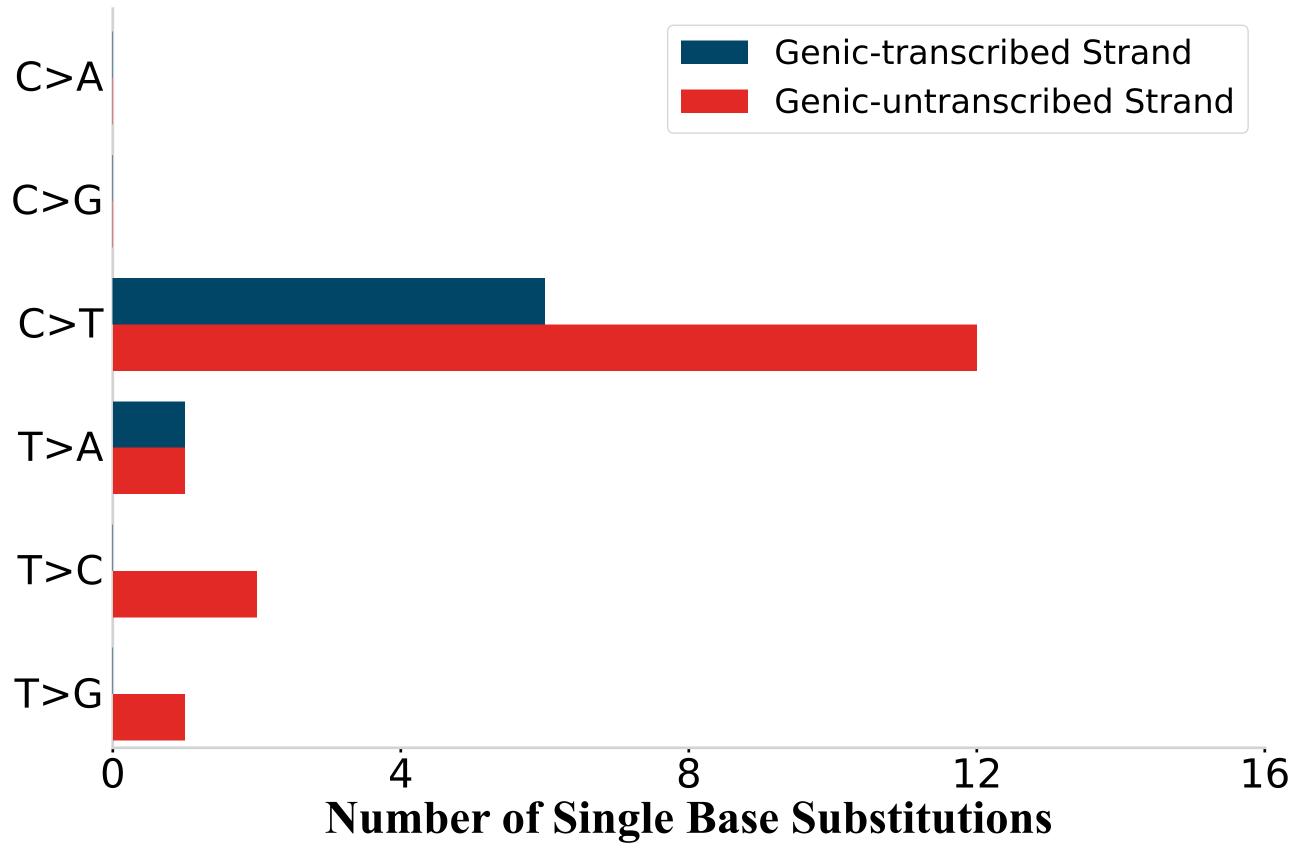


Number of Single Base Substitutions

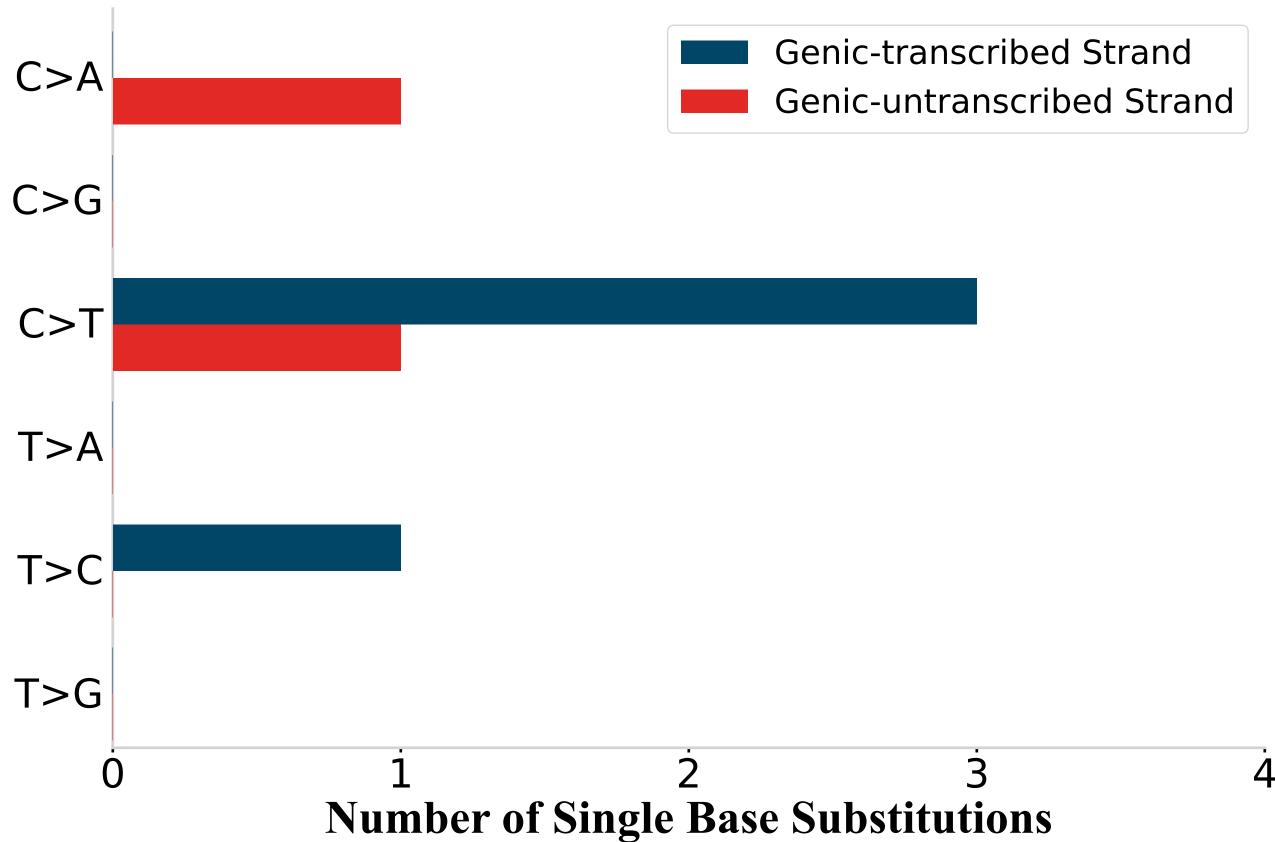
P-0026158-T04-IM6: 4 transcribed subs



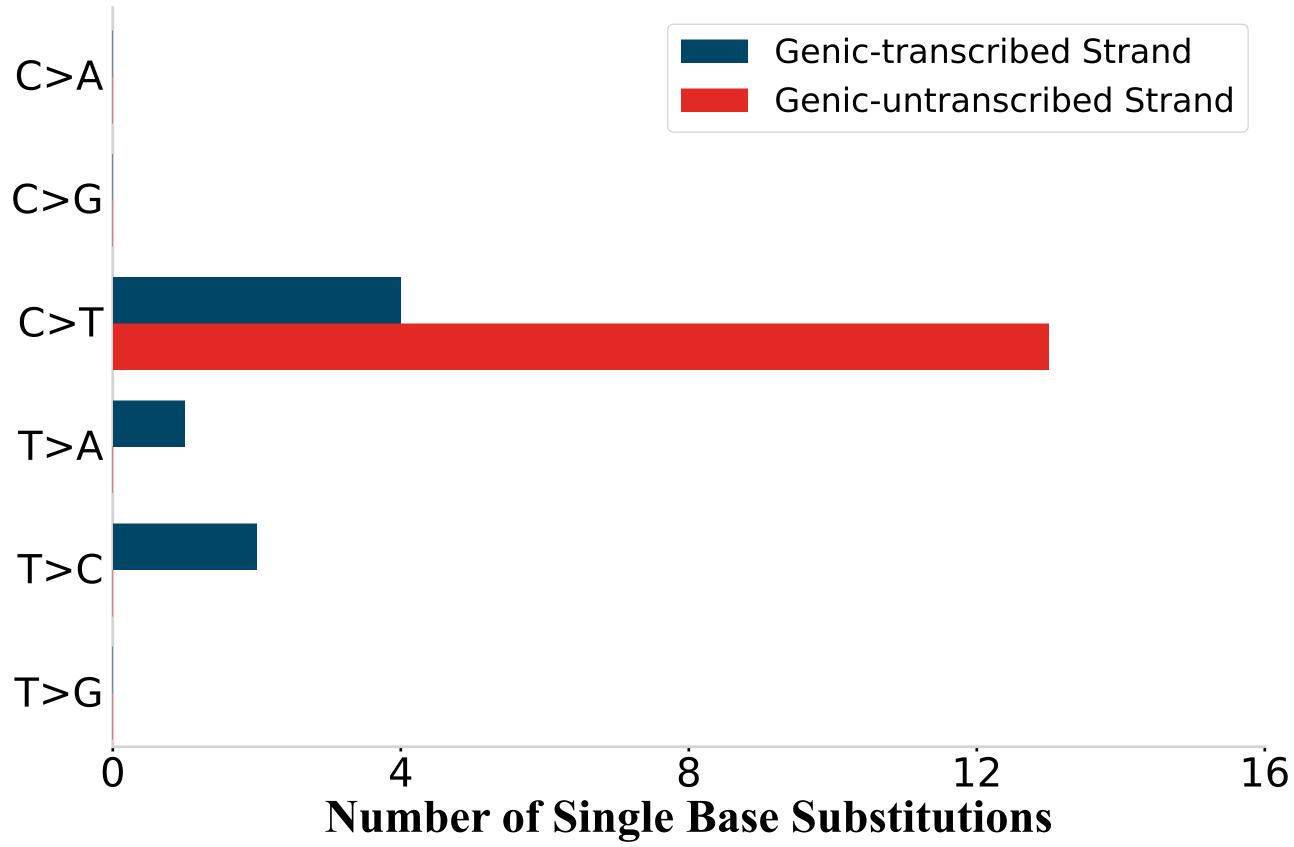
P-0026274-T02-IM6: 23 transcribed subs



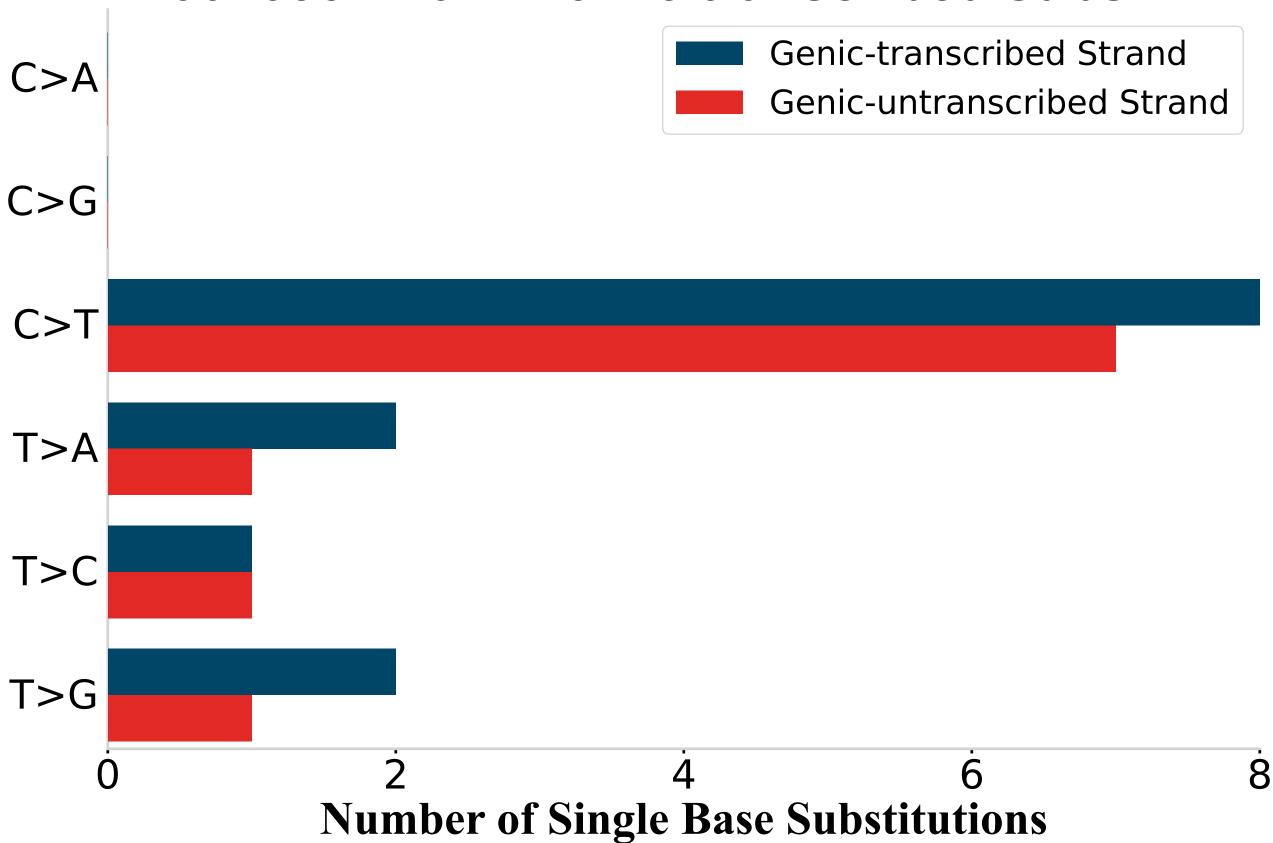
P-0026314-T01-IM6: 6 transcribed subs



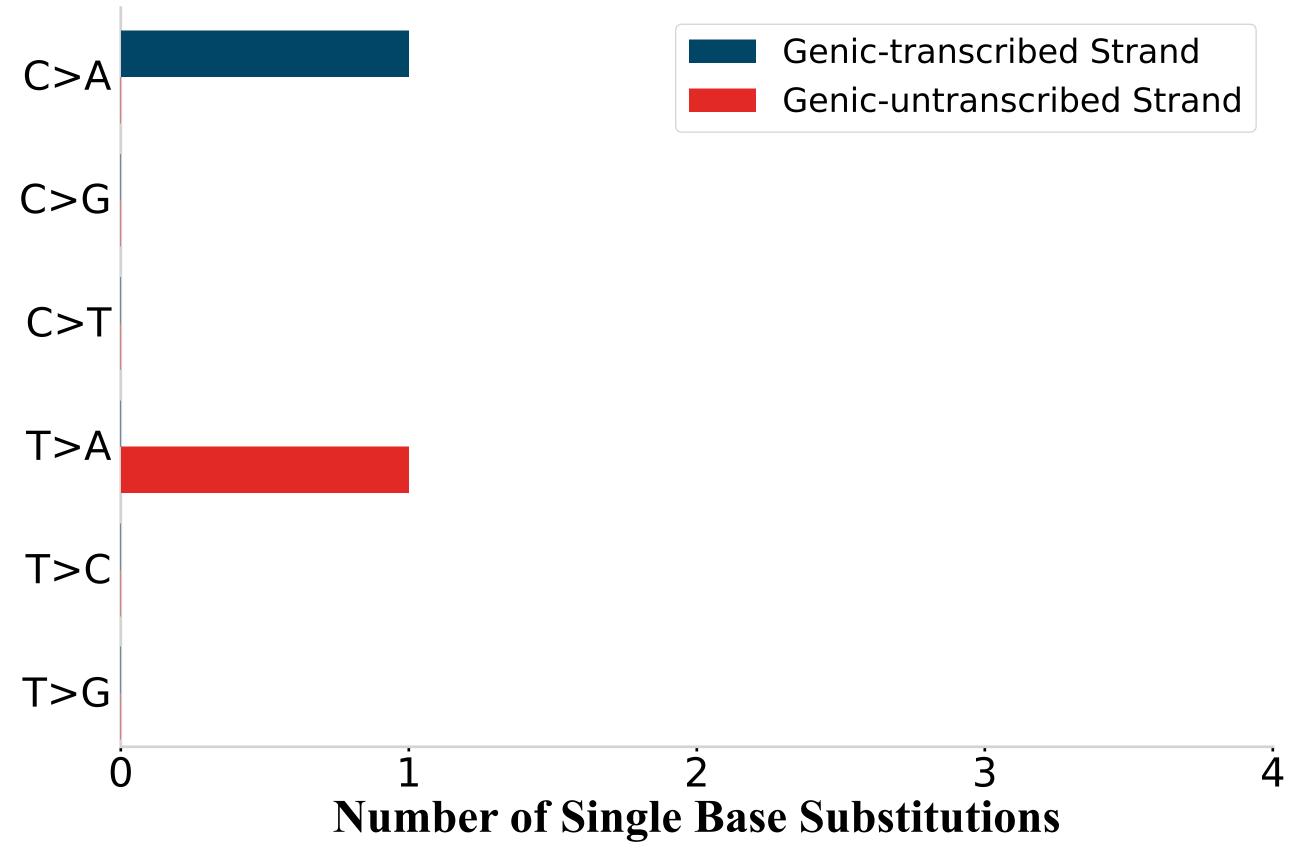
P-0026326-T02-IM6: 20 transcribed subs



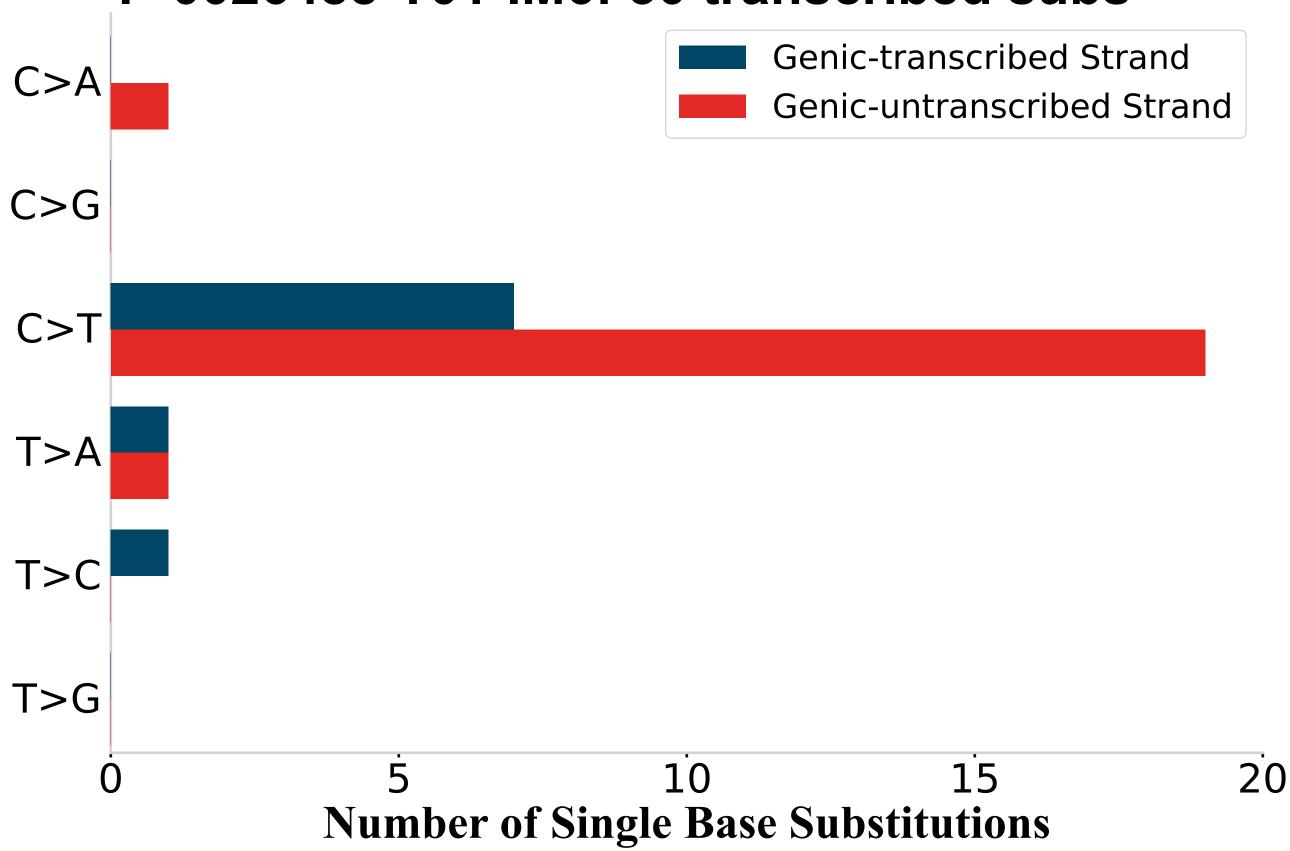
P-0026354-T01-IM6: 23 transcribed subs



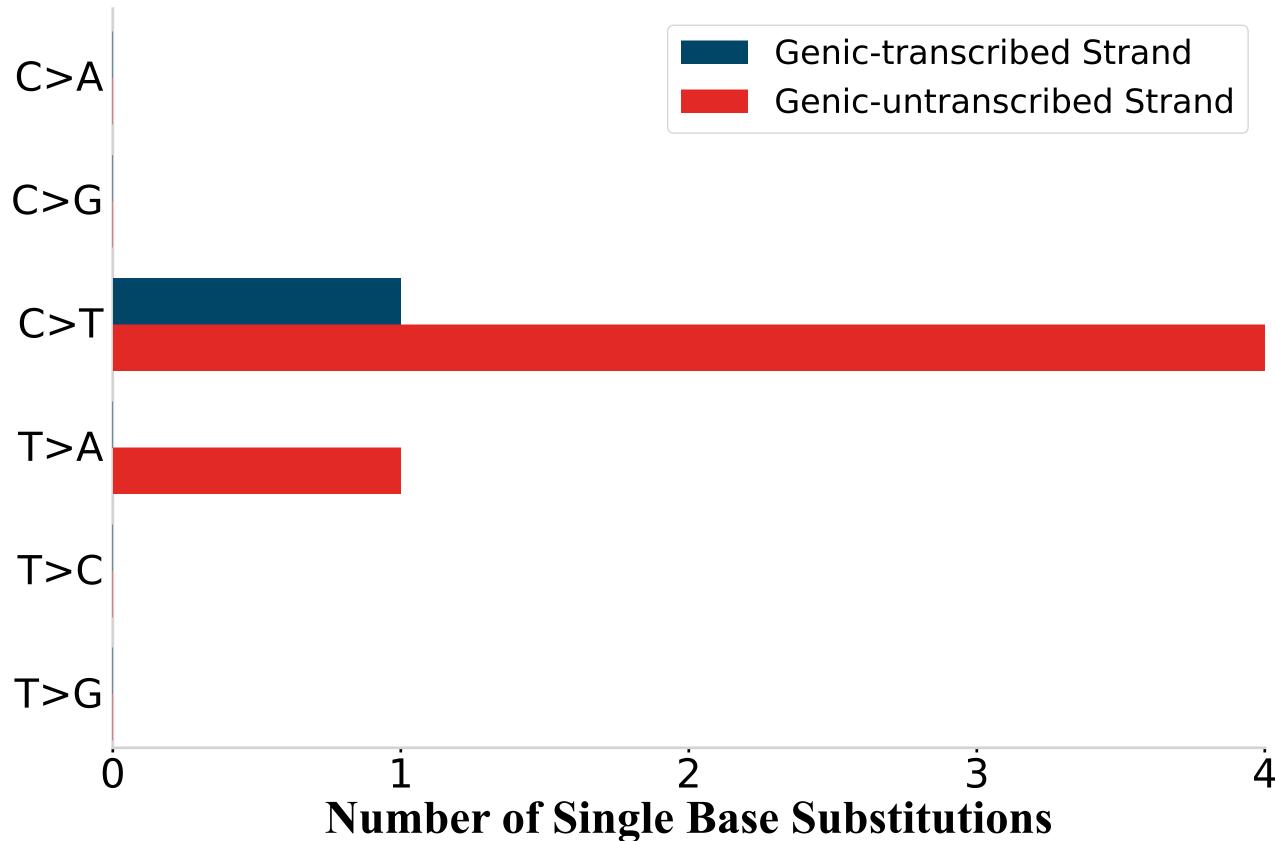
P-0026361-T01-IM6: 2 transcribed subs



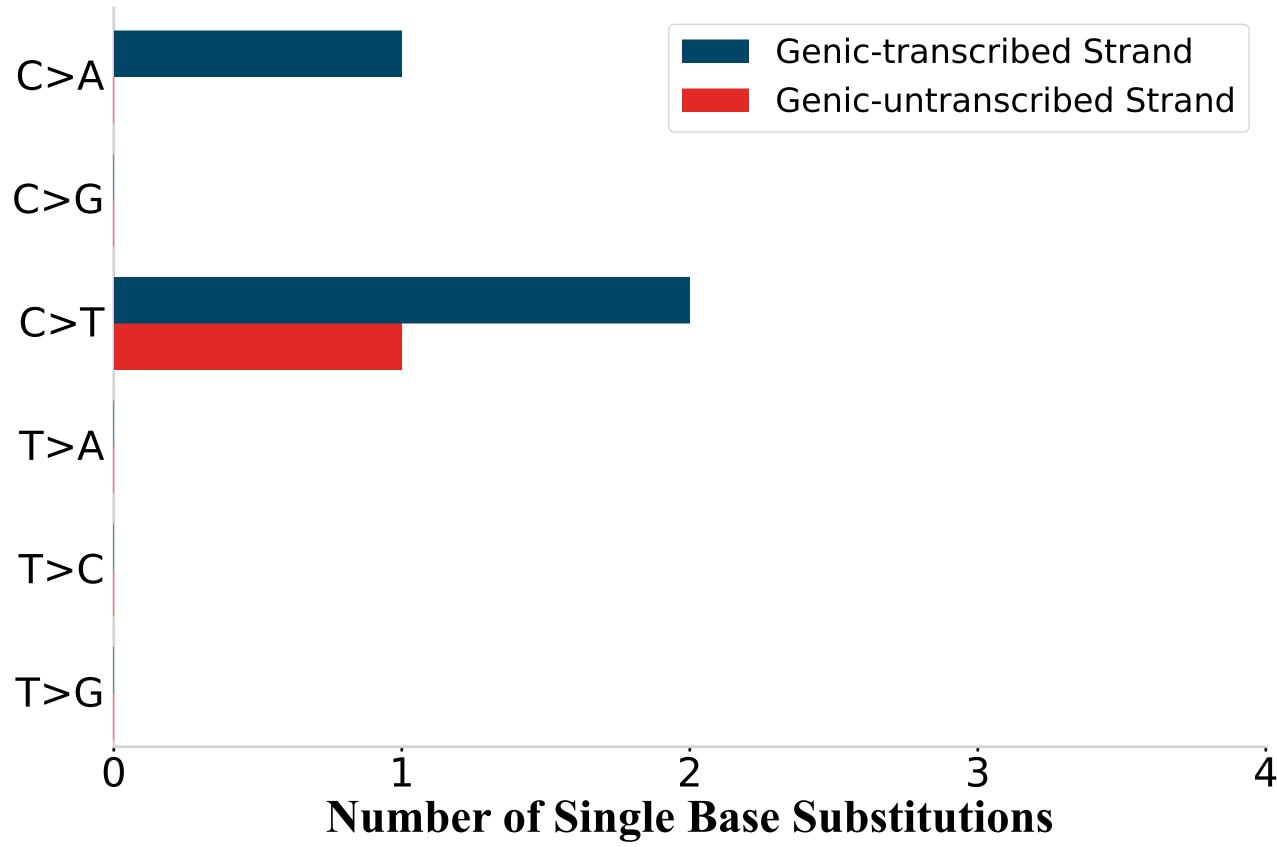
P-0026488-T01-IM6: 30 transcribed subs



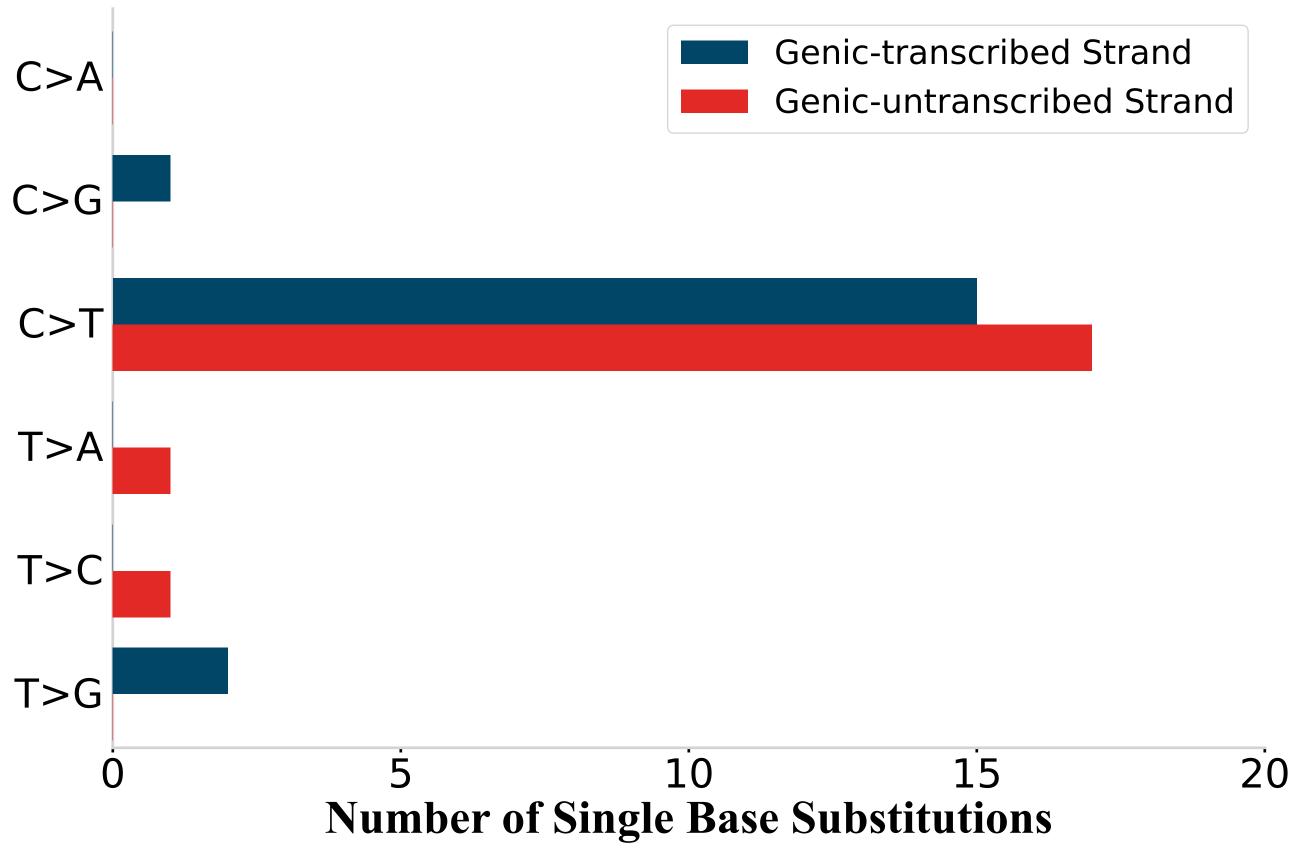
P-0026715-T01-IM6: 6 transcribed subs



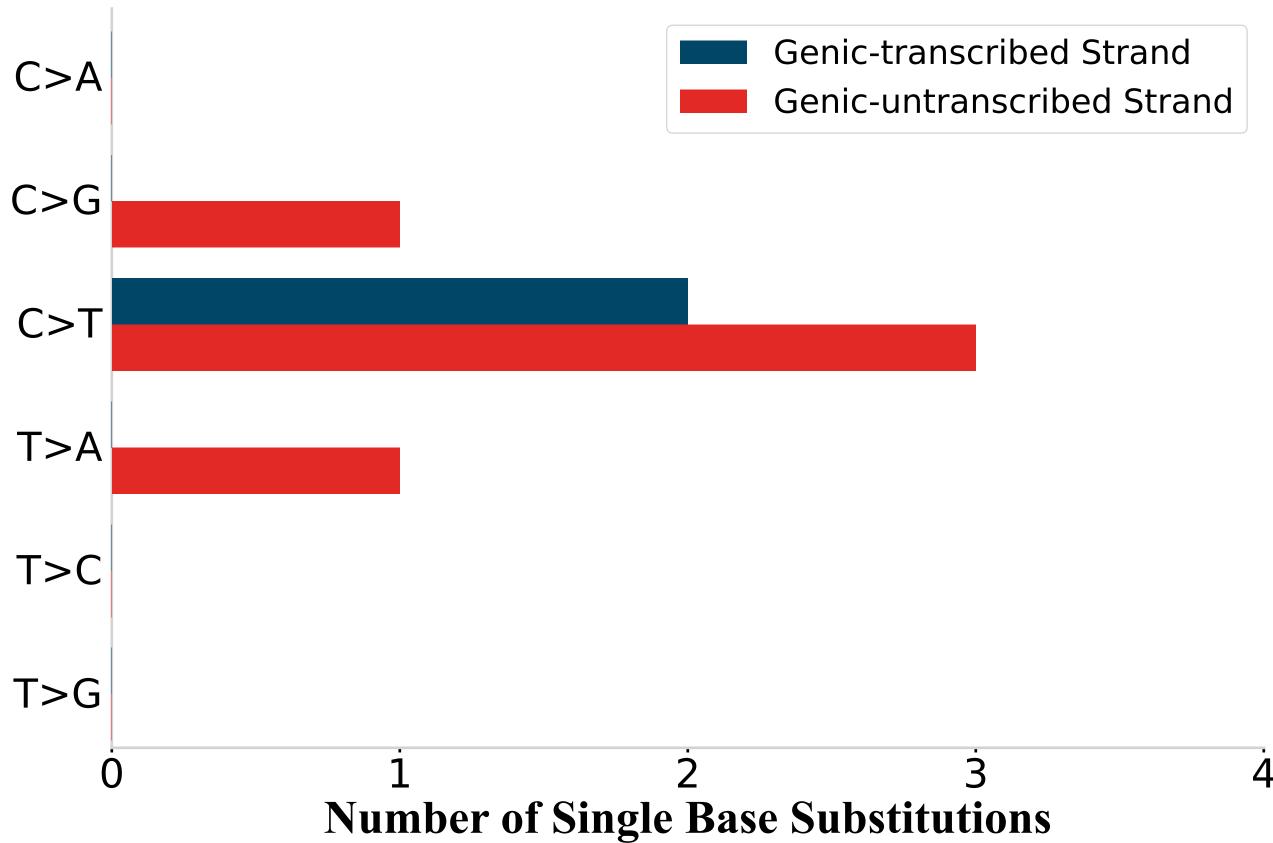
P-0026804-T01-IM6: 4 transcribed subs



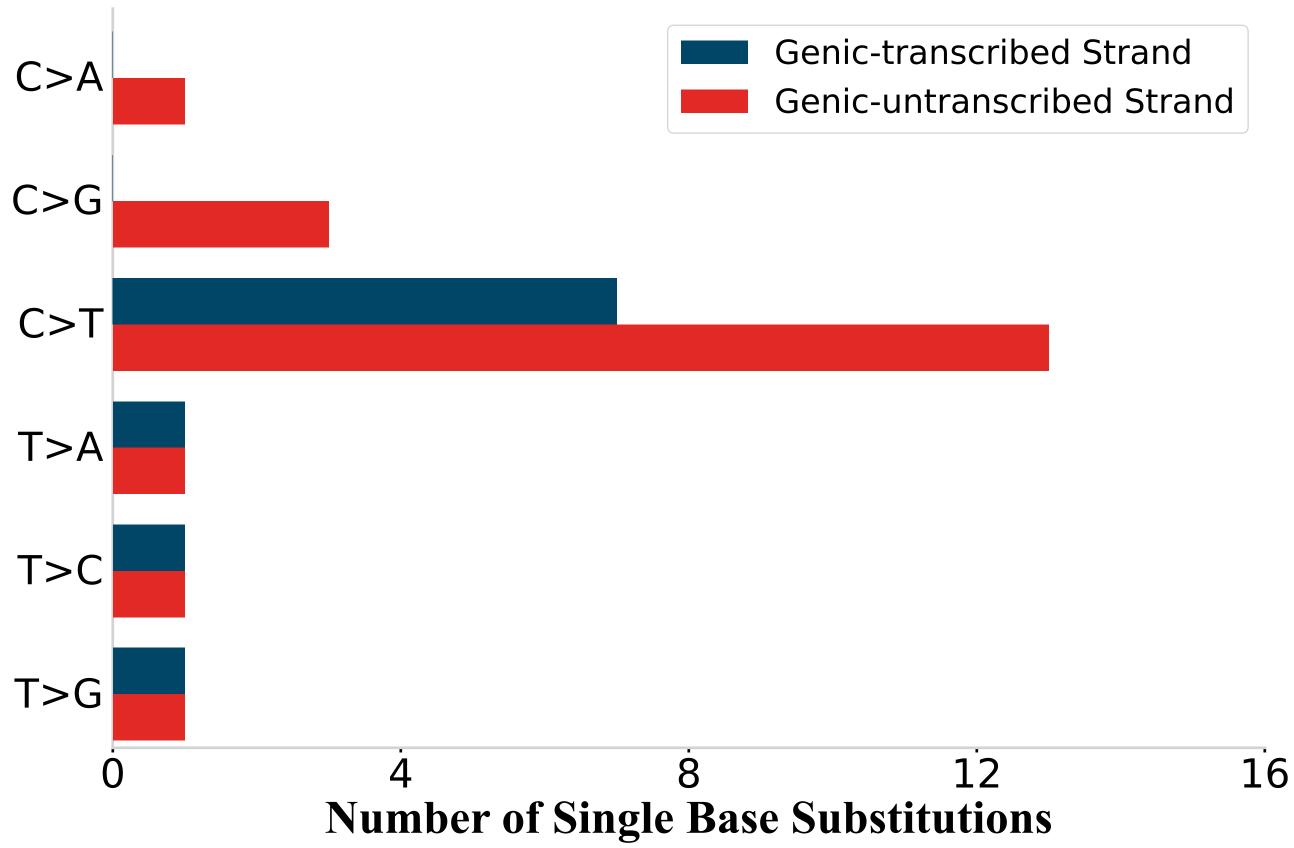
P-0026835-T01-IM6: 37 transcribed subs



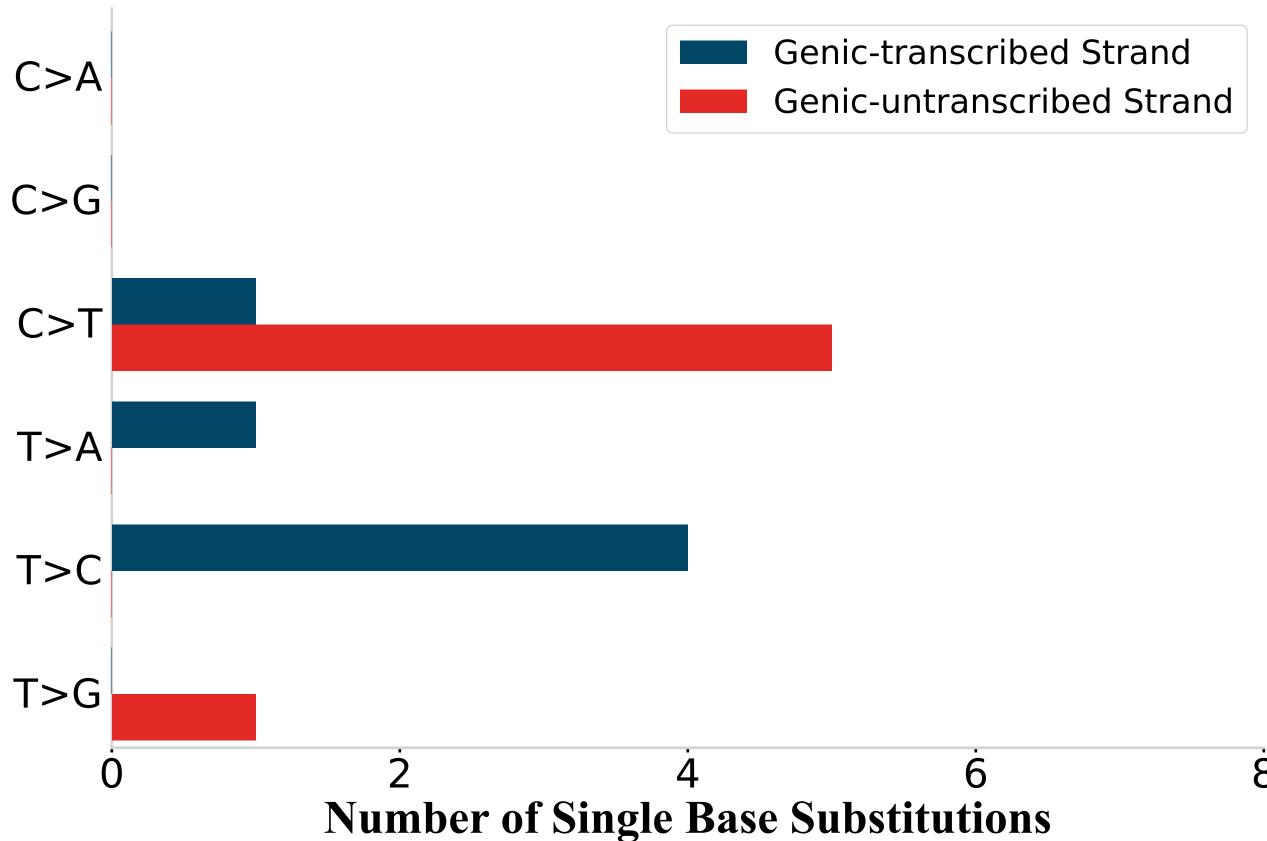
P-0027076-T01-IM6: 7 transcribed subs



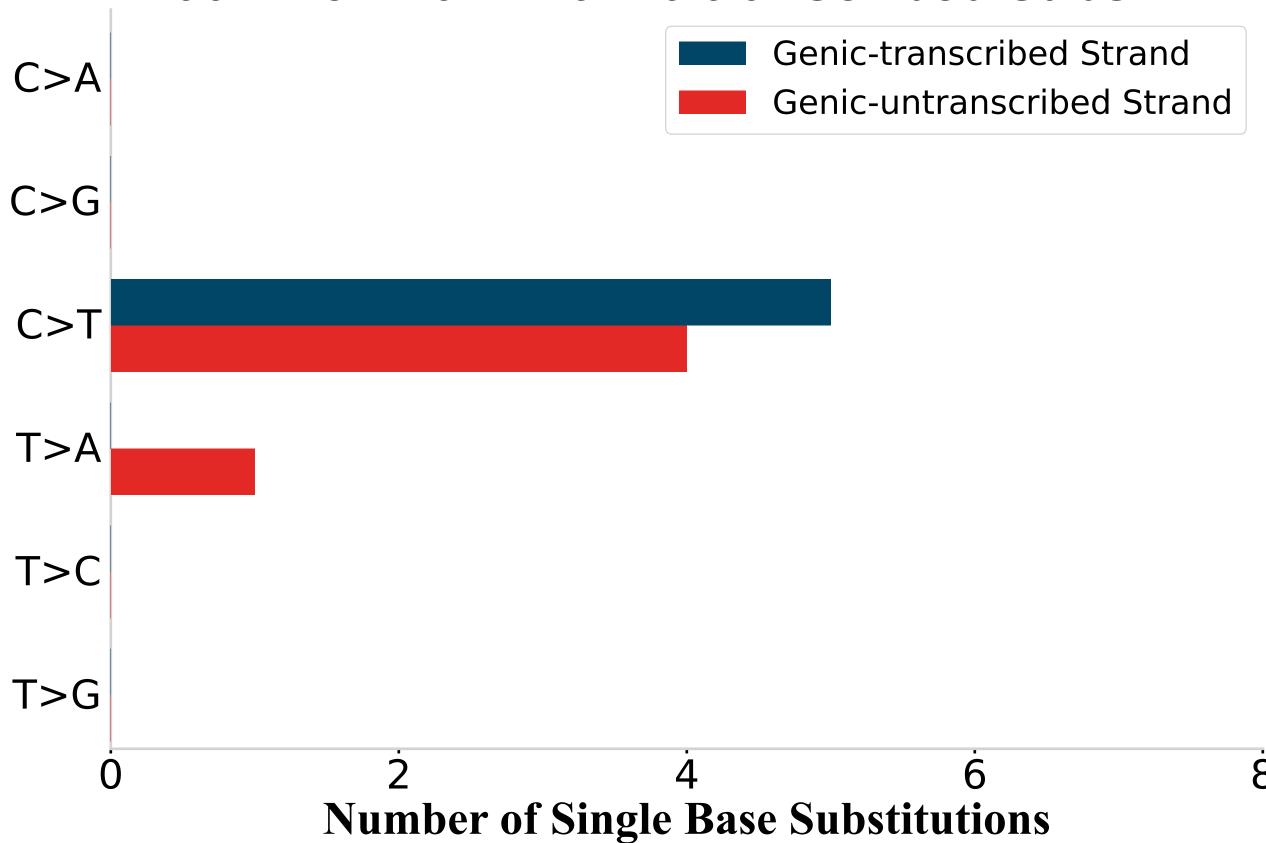
P-0027084-T01-IM6: 30 transcribed subs



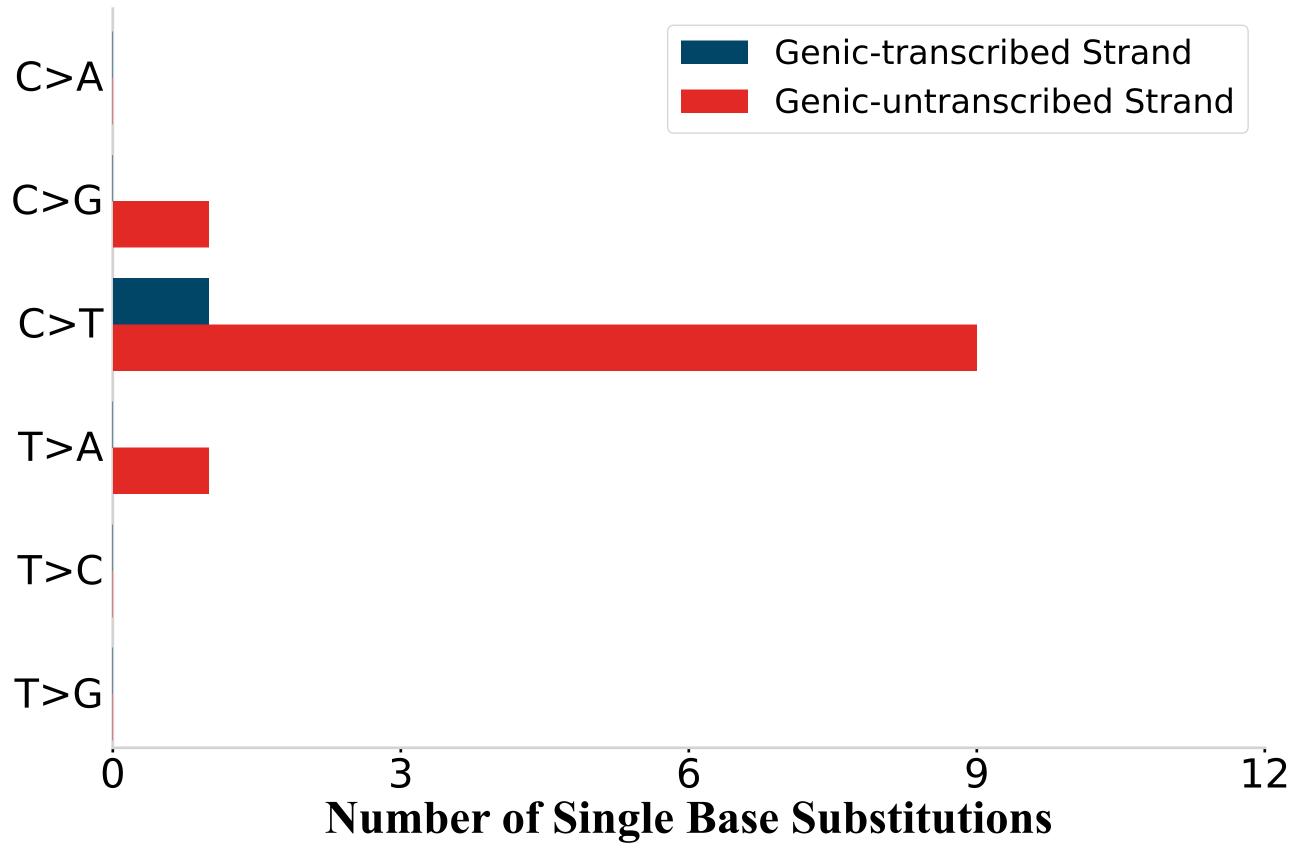
P-0027104-T01-IM6: 12 transcribed subs



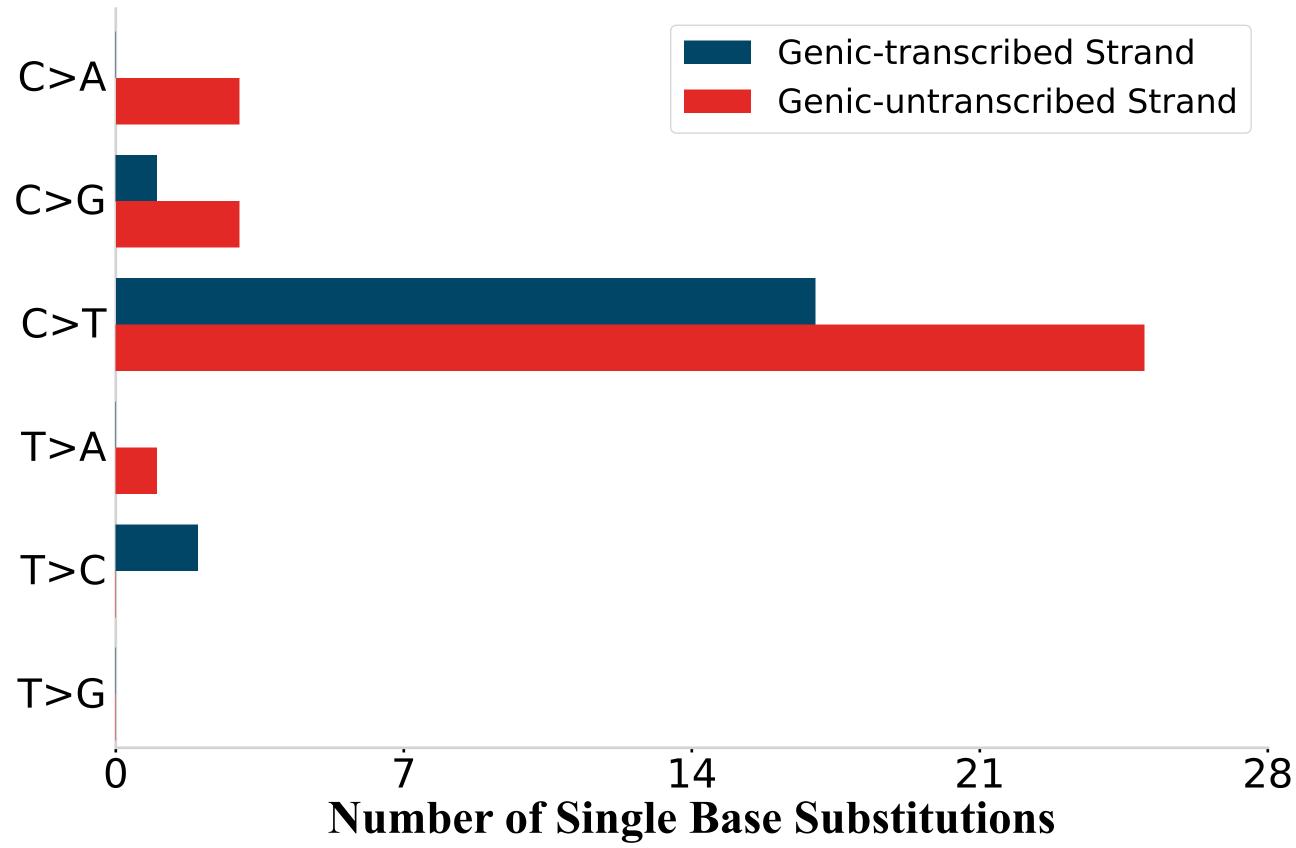
P-0027154-T01-IM6: 10 transcribed subs



P-0027227-T01-IM6: 12 transcribed subs



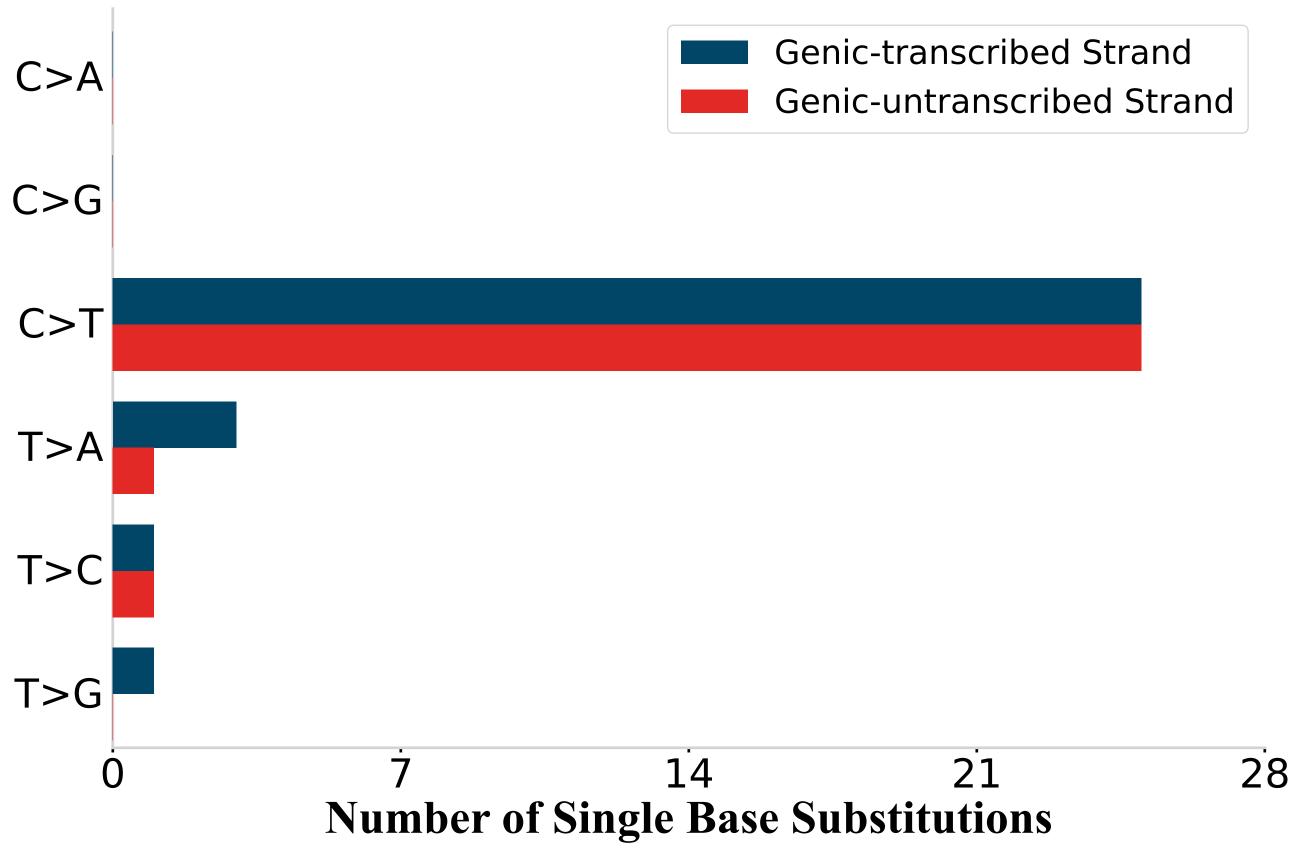
P-0027258-T01-IM6: 52 transcribed subs



P-0027270-T01-IM6: 20 transcribed subs



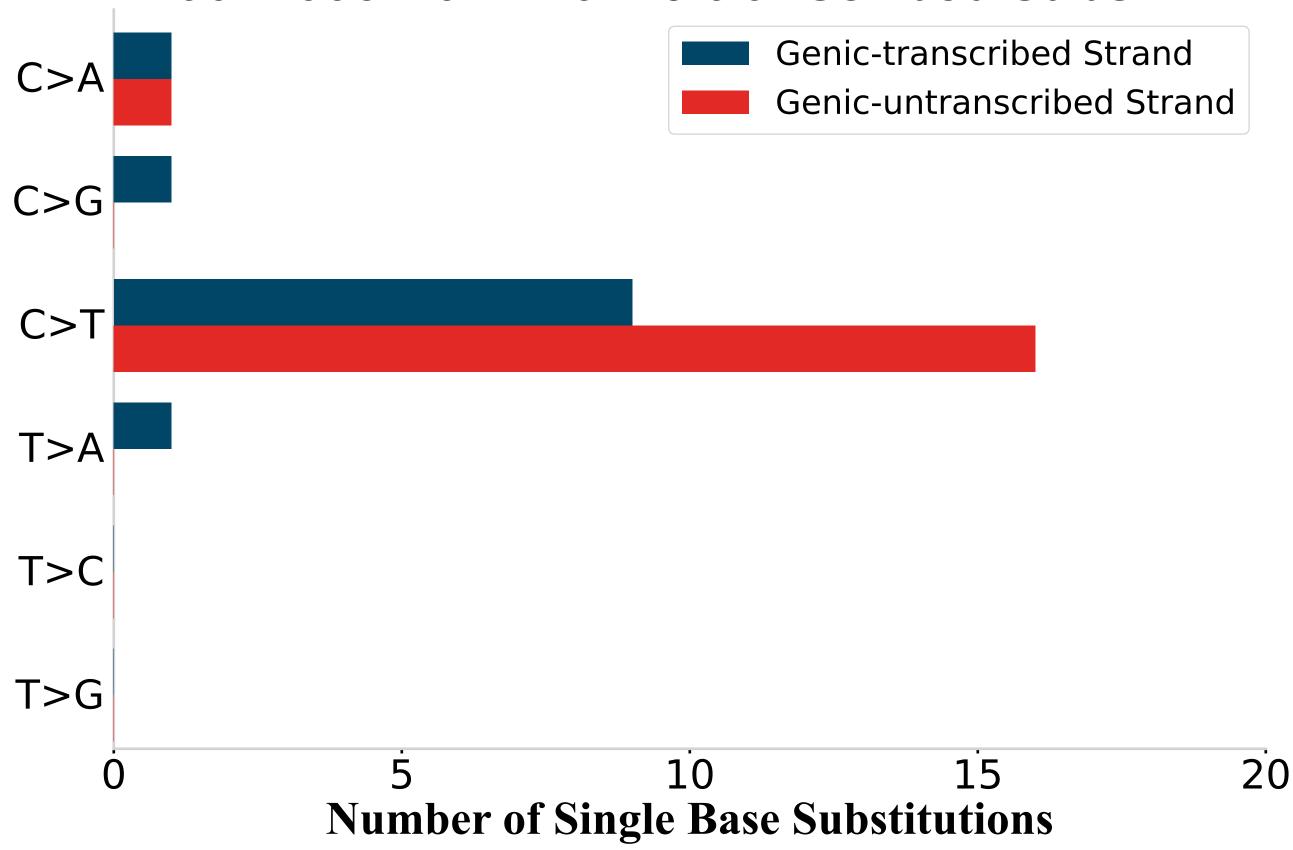
P-0027338-T01-IM6: 57 transcribed subs



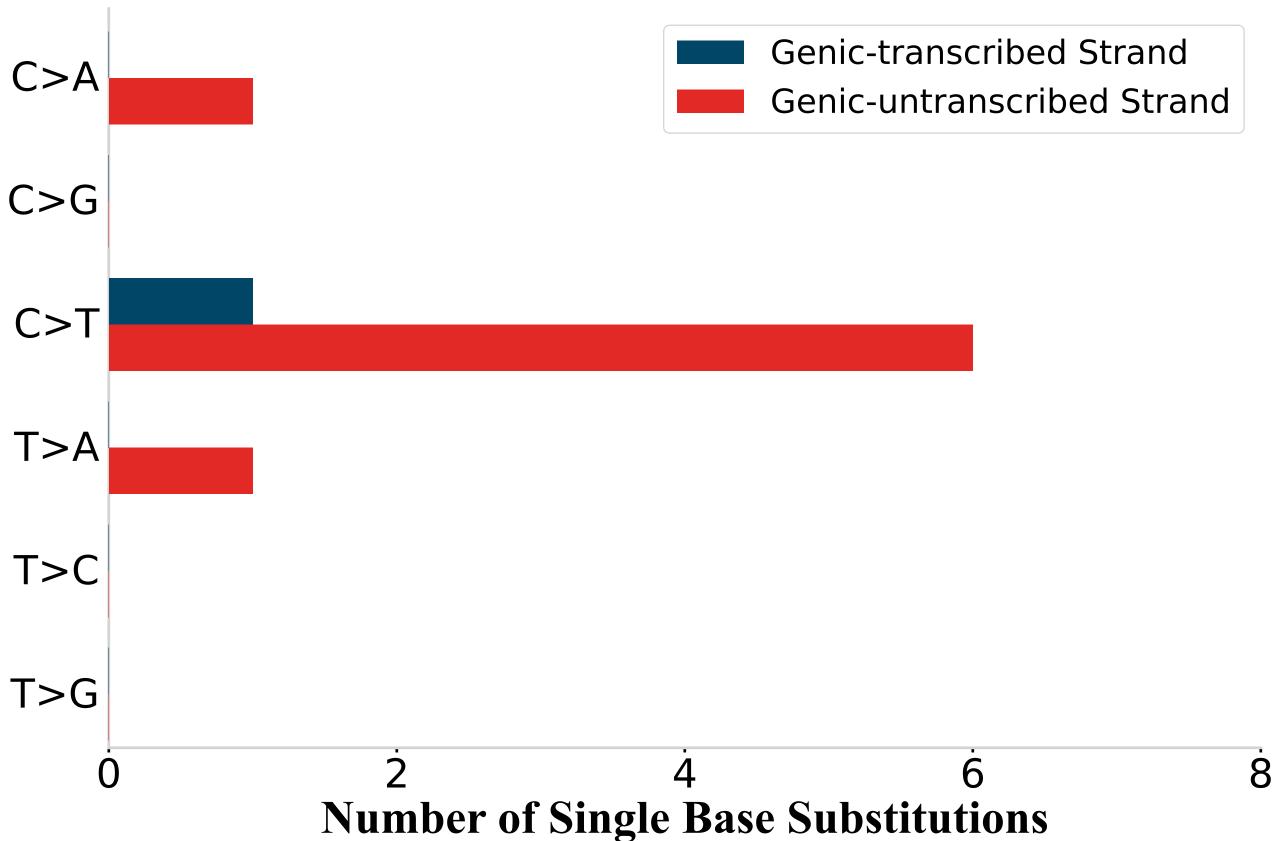
P-0027588-T01-IM6: 2 transcribed subs



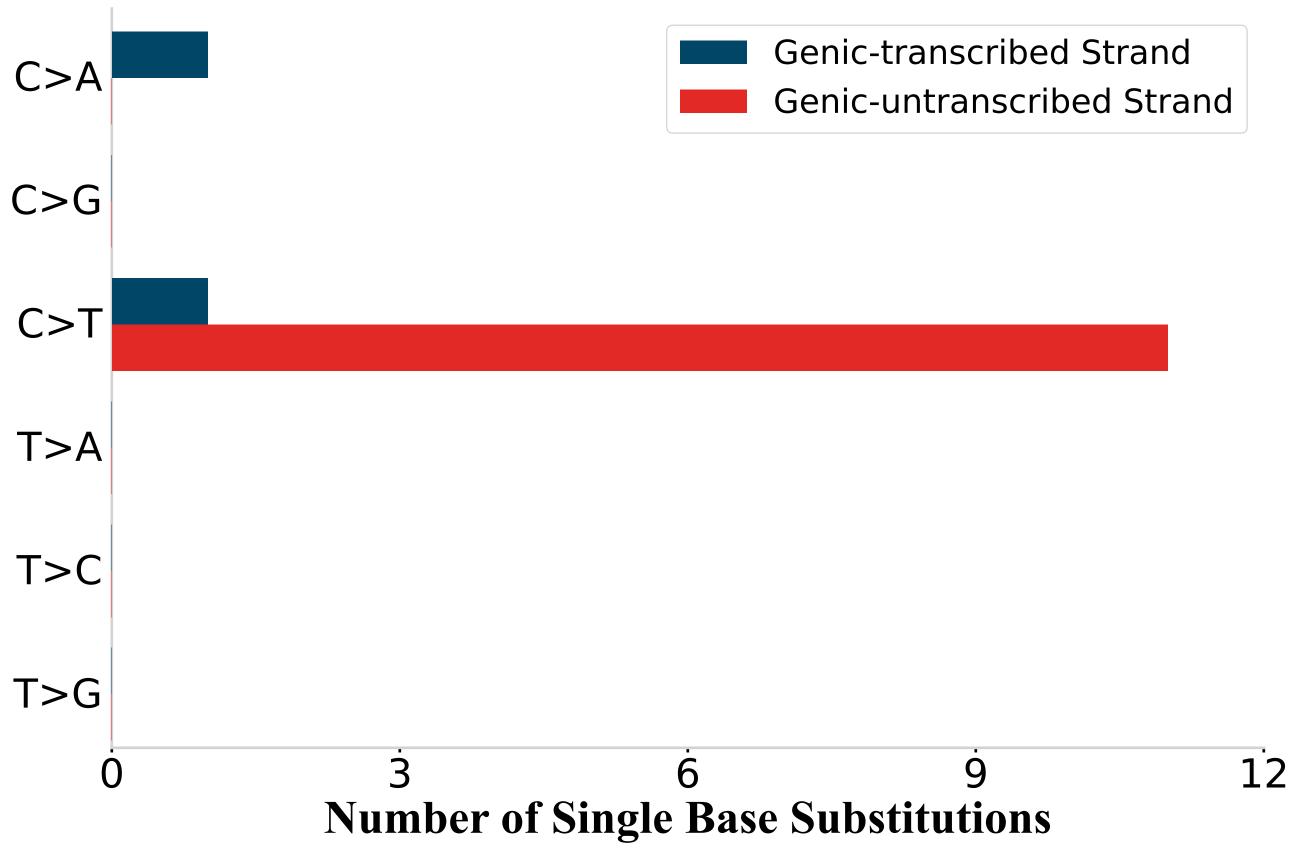
P-0027603-T01-IM6: 29 transcribed subs



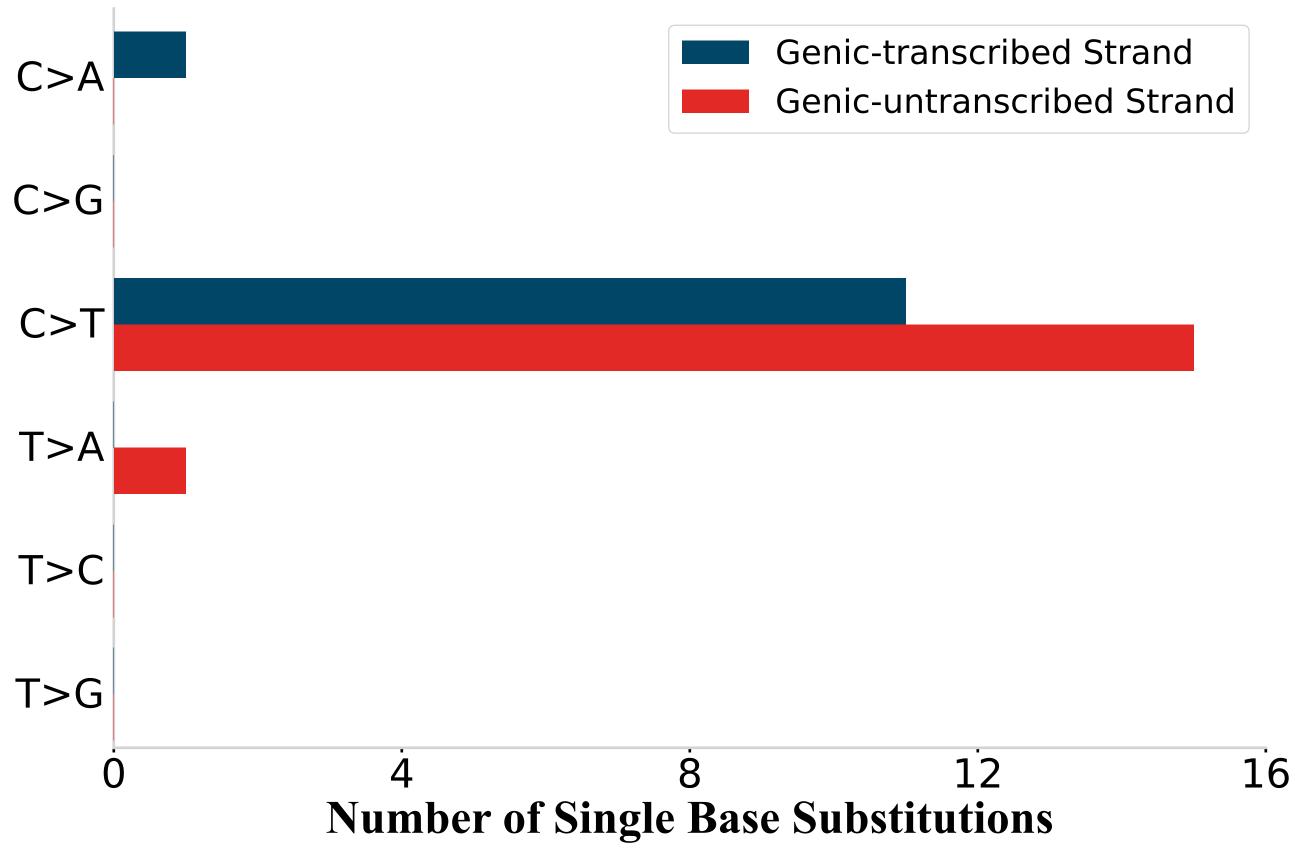
P-0027626-T01-IM6: 9 transcribed subs



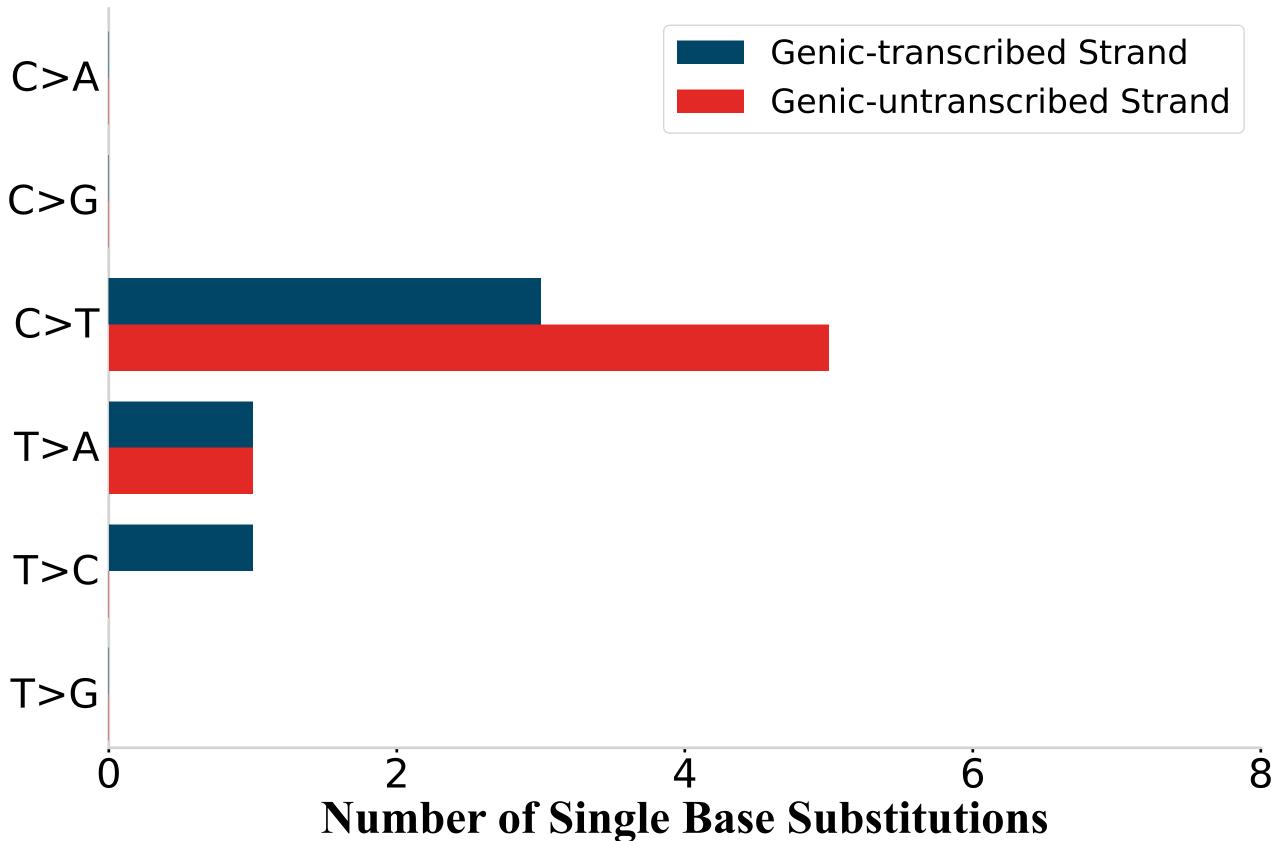
P-0027707-T01-IM6: 13 transcribed subs



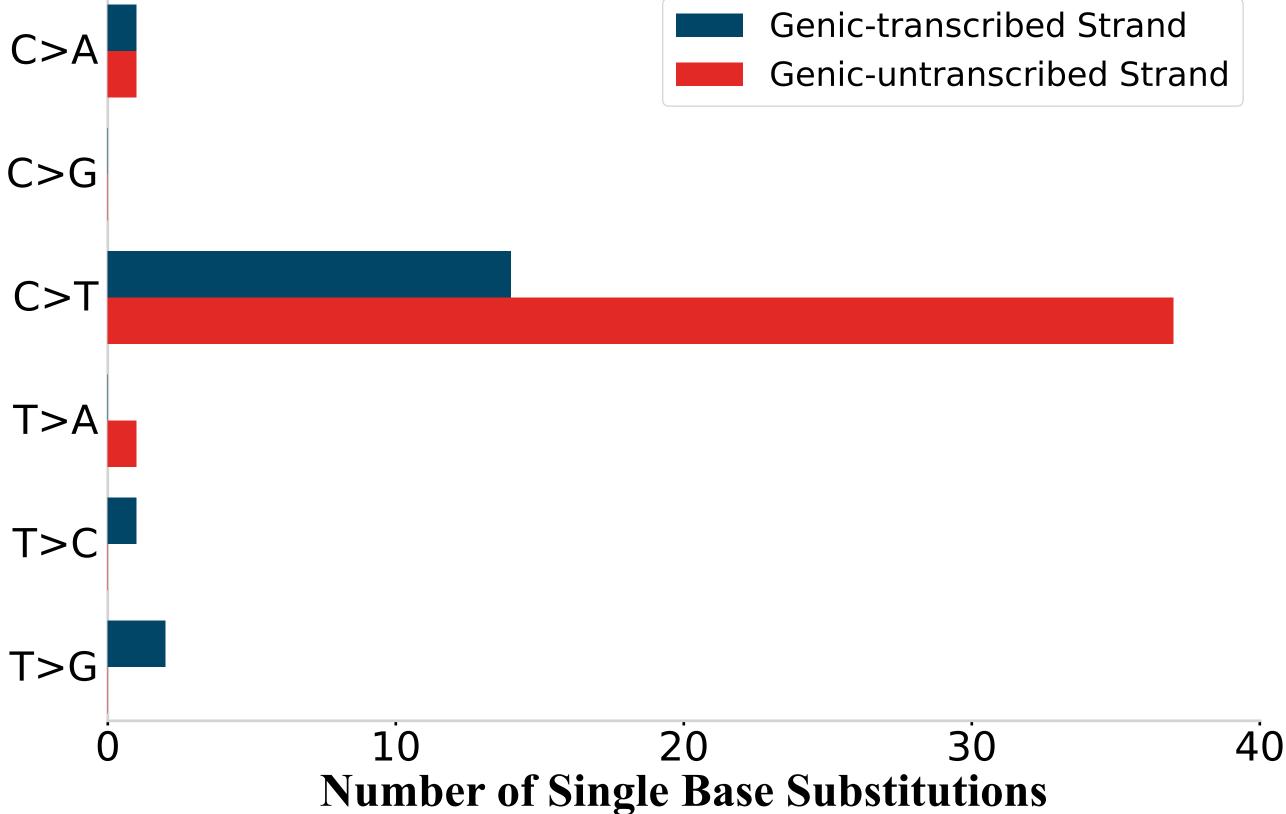
P-0027716-T01-IM6: 28 transcribed subs



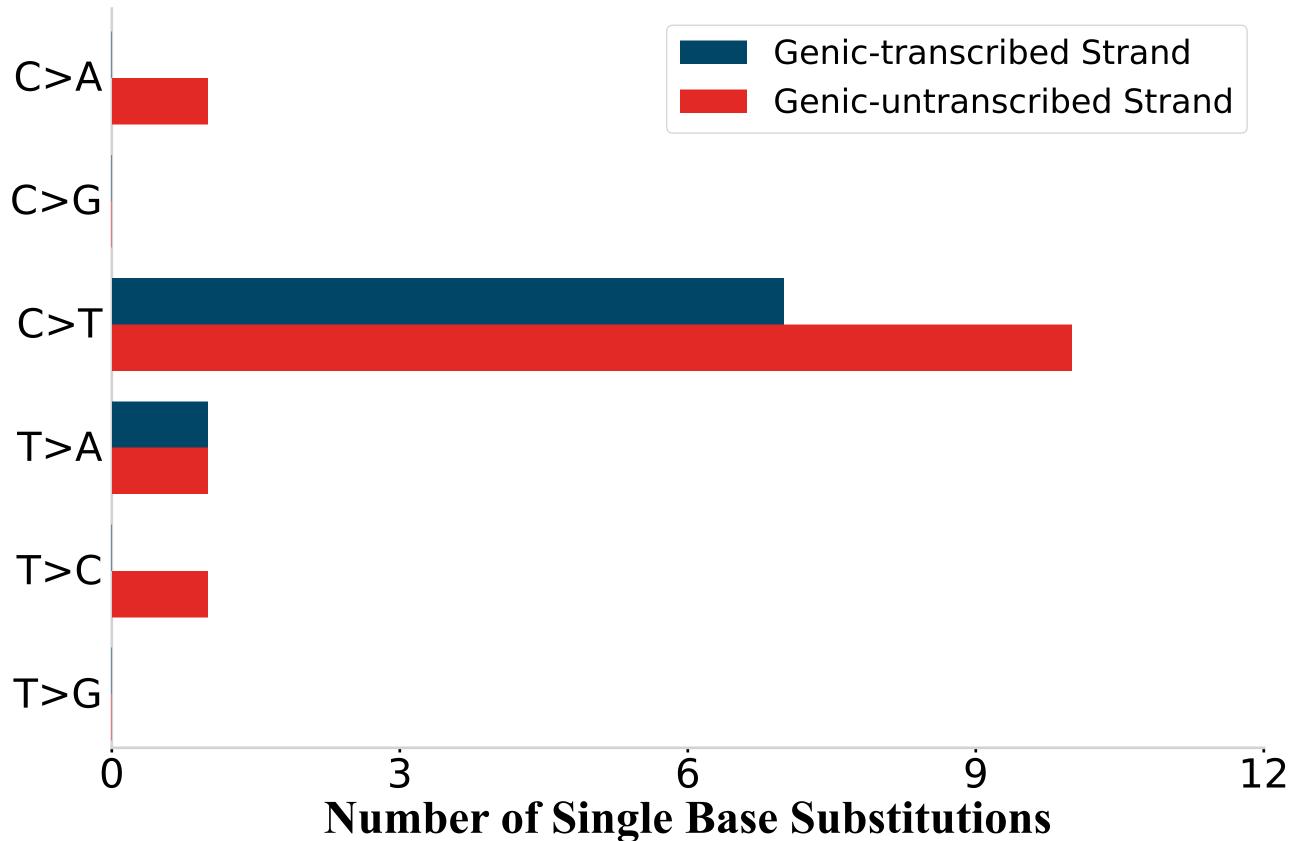
P-0027739-T01-IM6: 11 transcribed subs



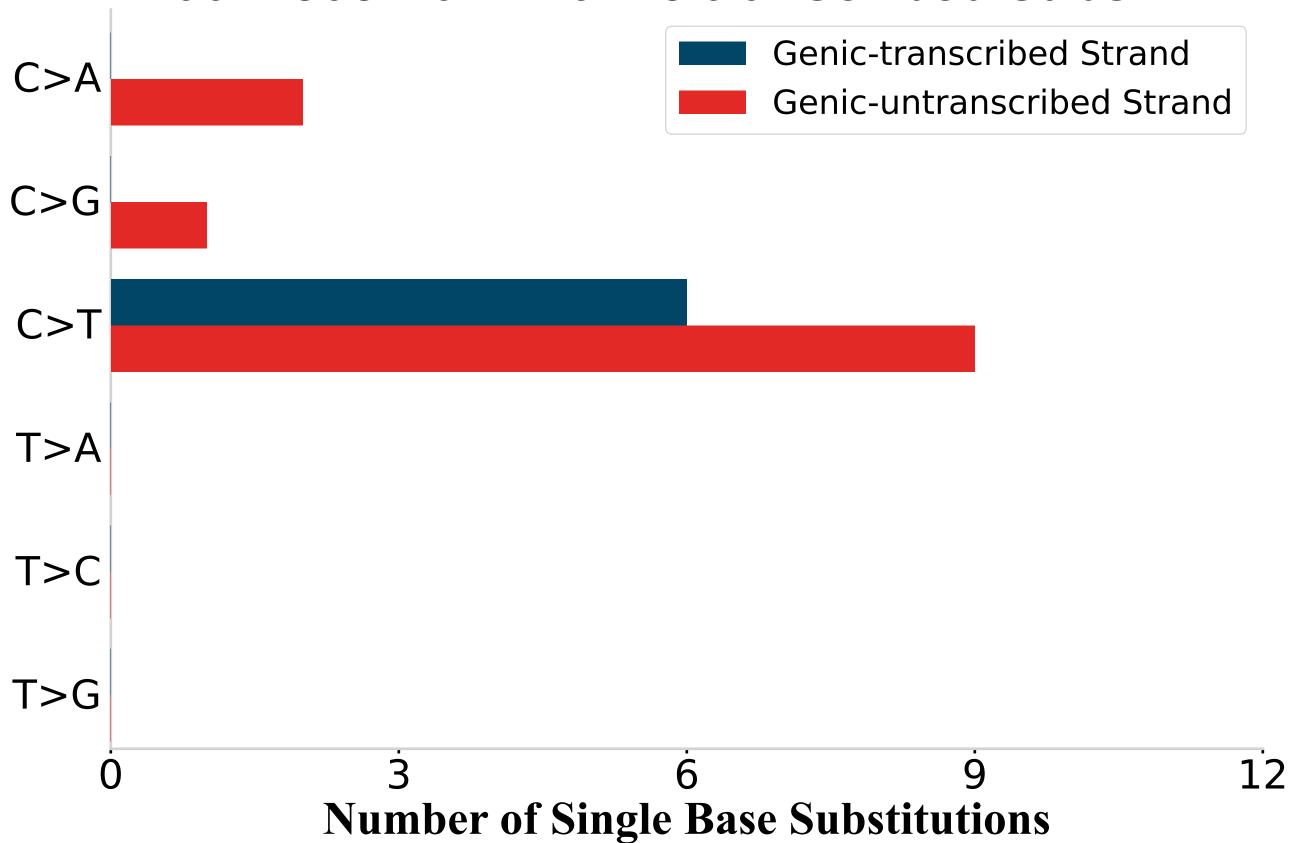
P-0027752-T01-IM6: 57 transcribed subs Genic-transcribed Stranscribed Stranscribed



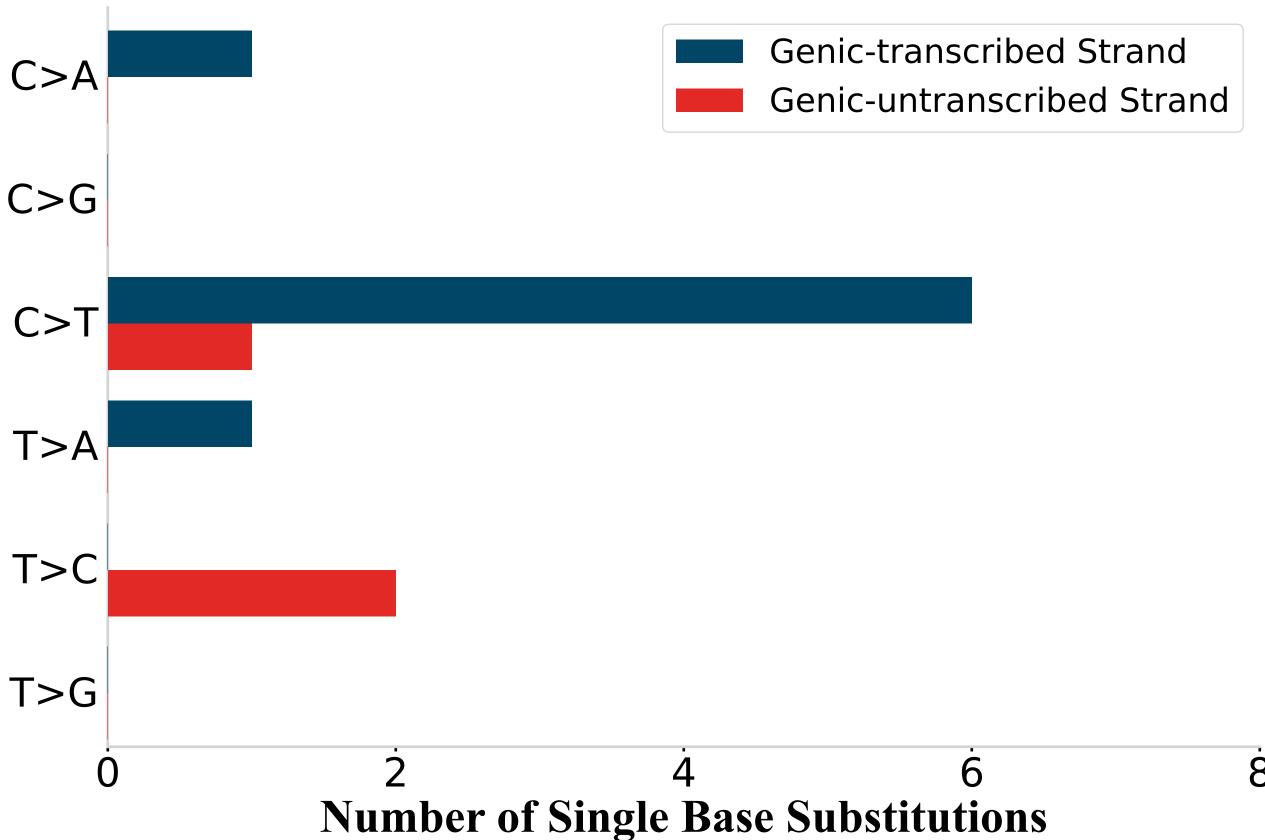
P-0027768-T01-IM6: 21 transcribed subs



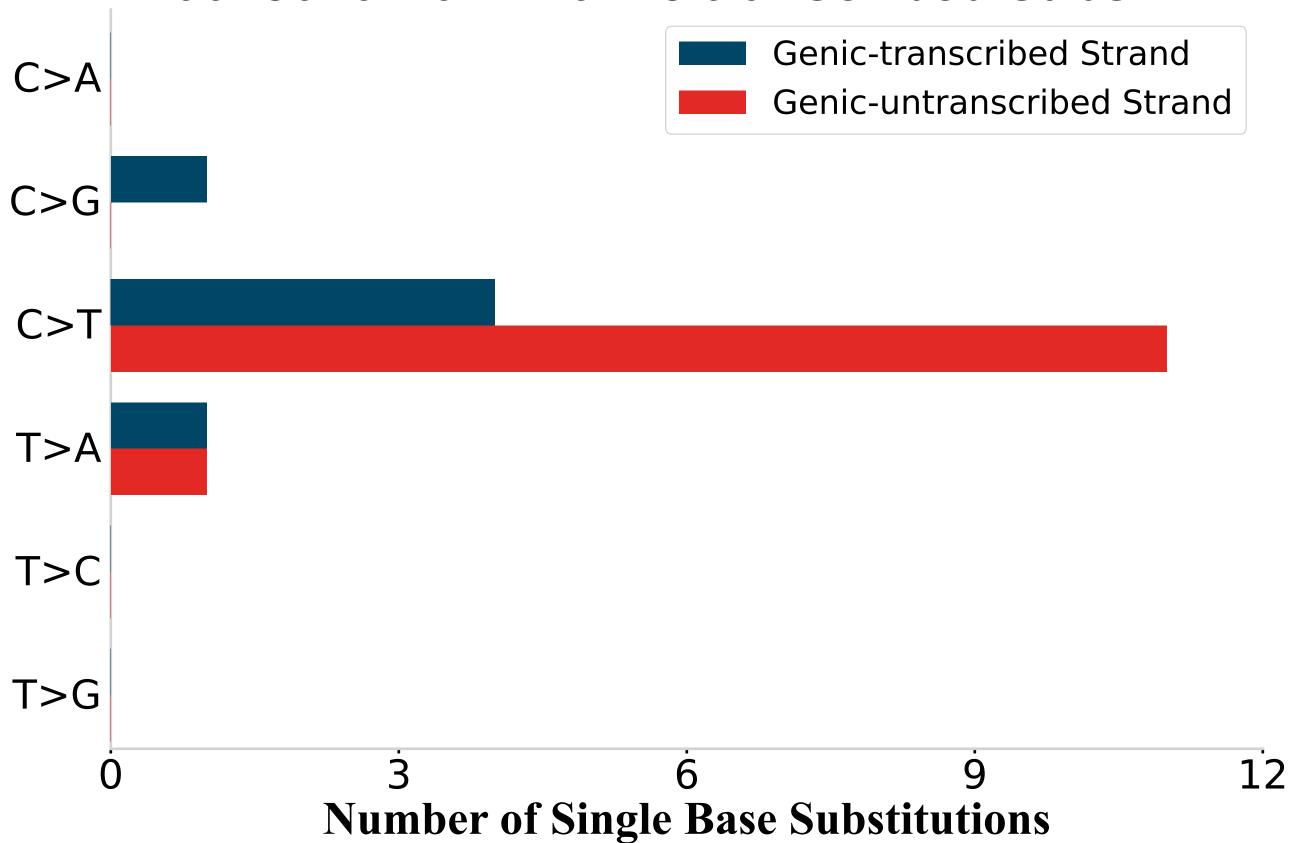
P-0027808-T01-IM6: 18 transcribed subs



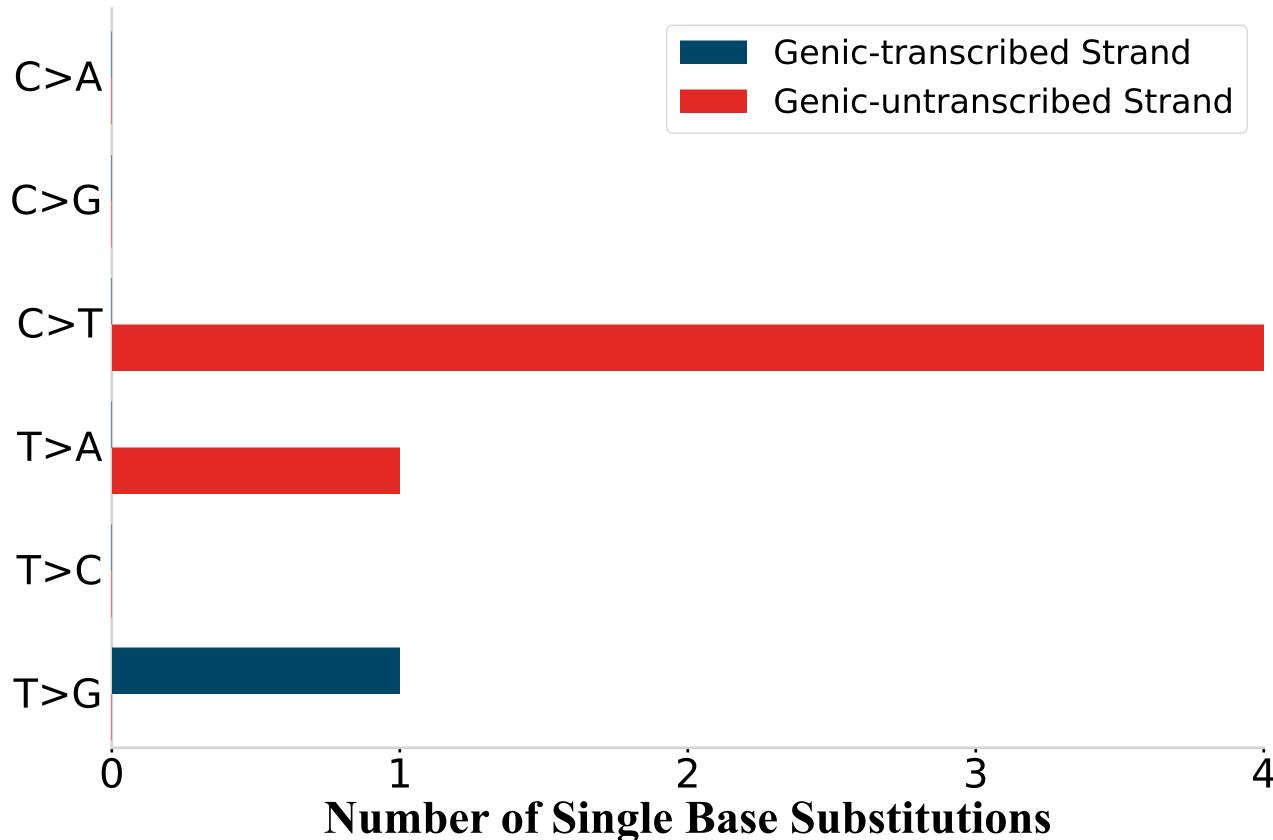
P-0027875-T01-IM6: 11 transcribed subs



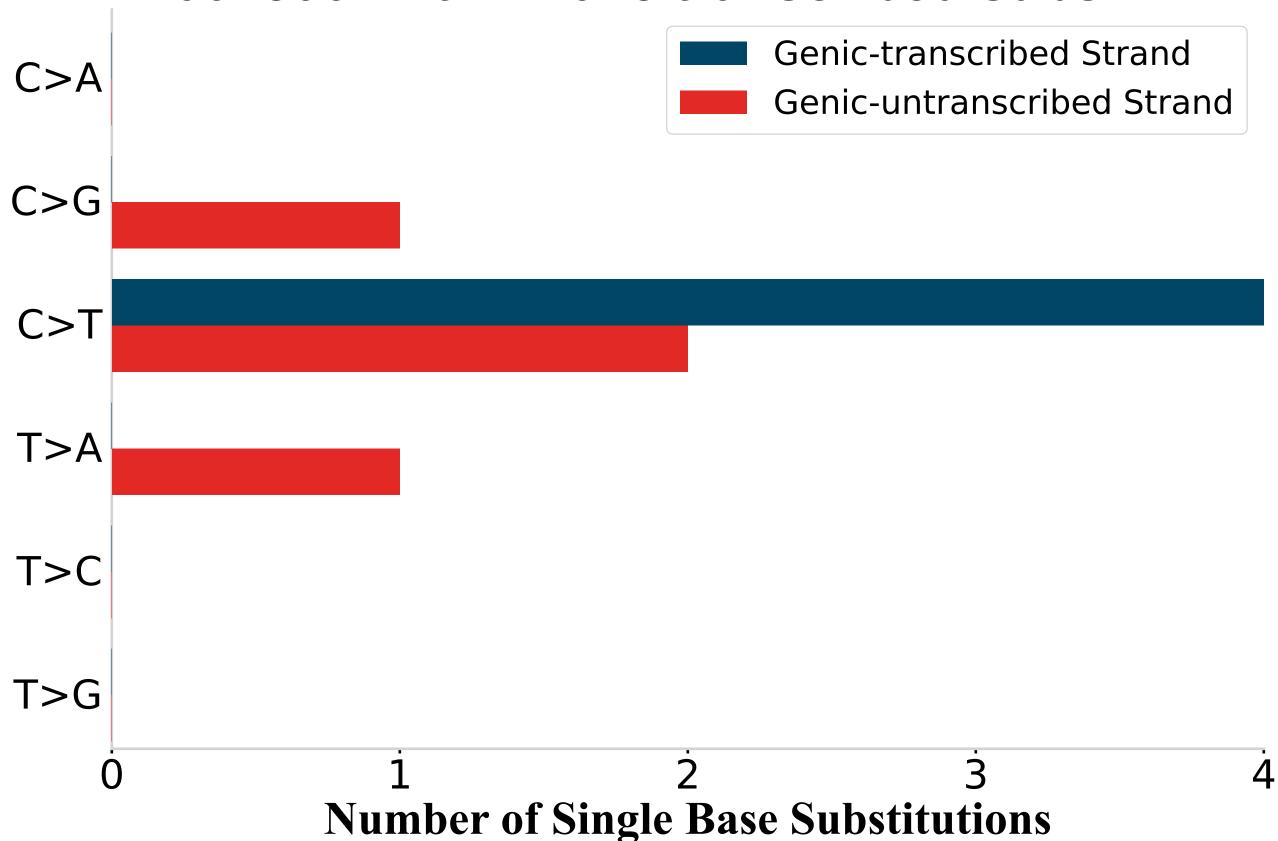
P-0028040-T01-IM6: 18 transcribed subs



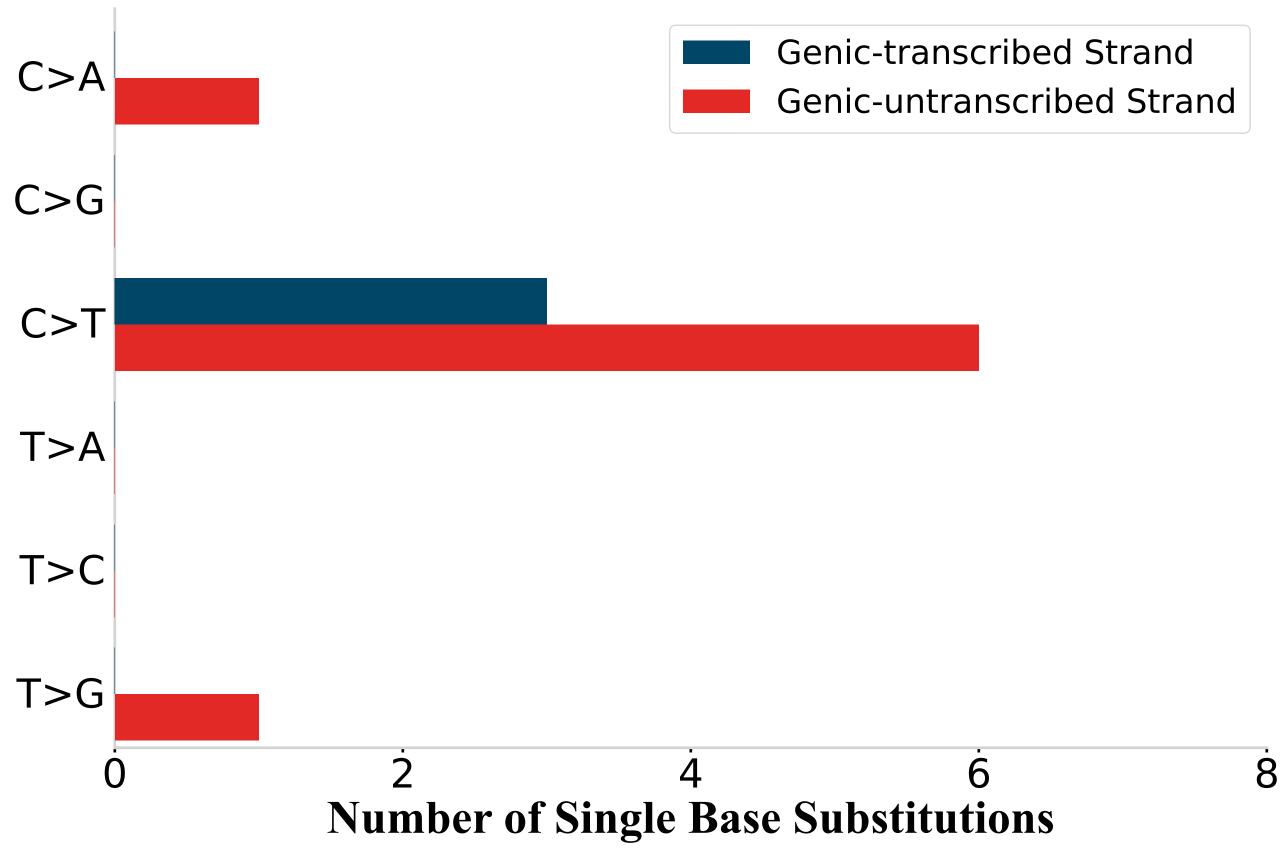
P-0028041-T01-IM6: 6 transcribed subs



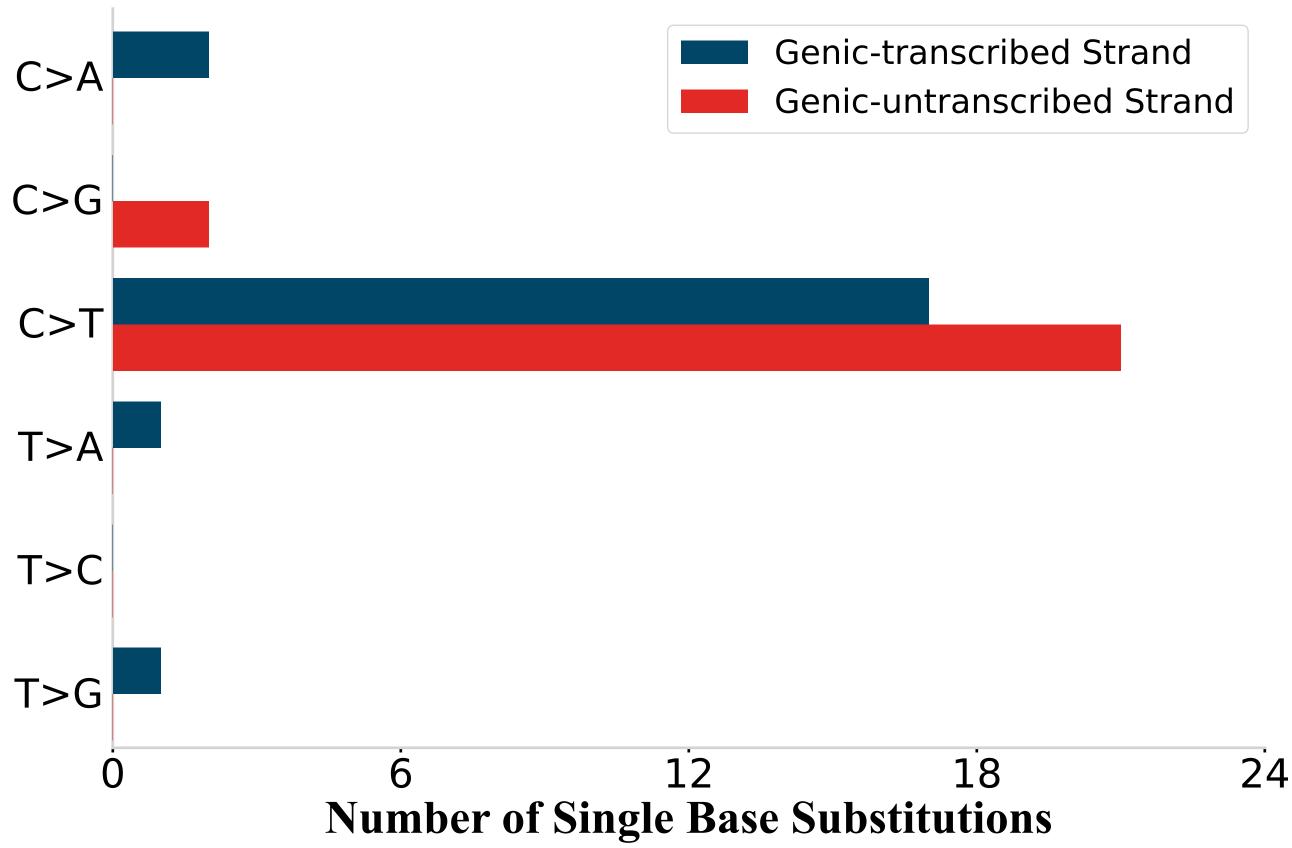
P-0028067-T01-IM6: 8 transcribed subs



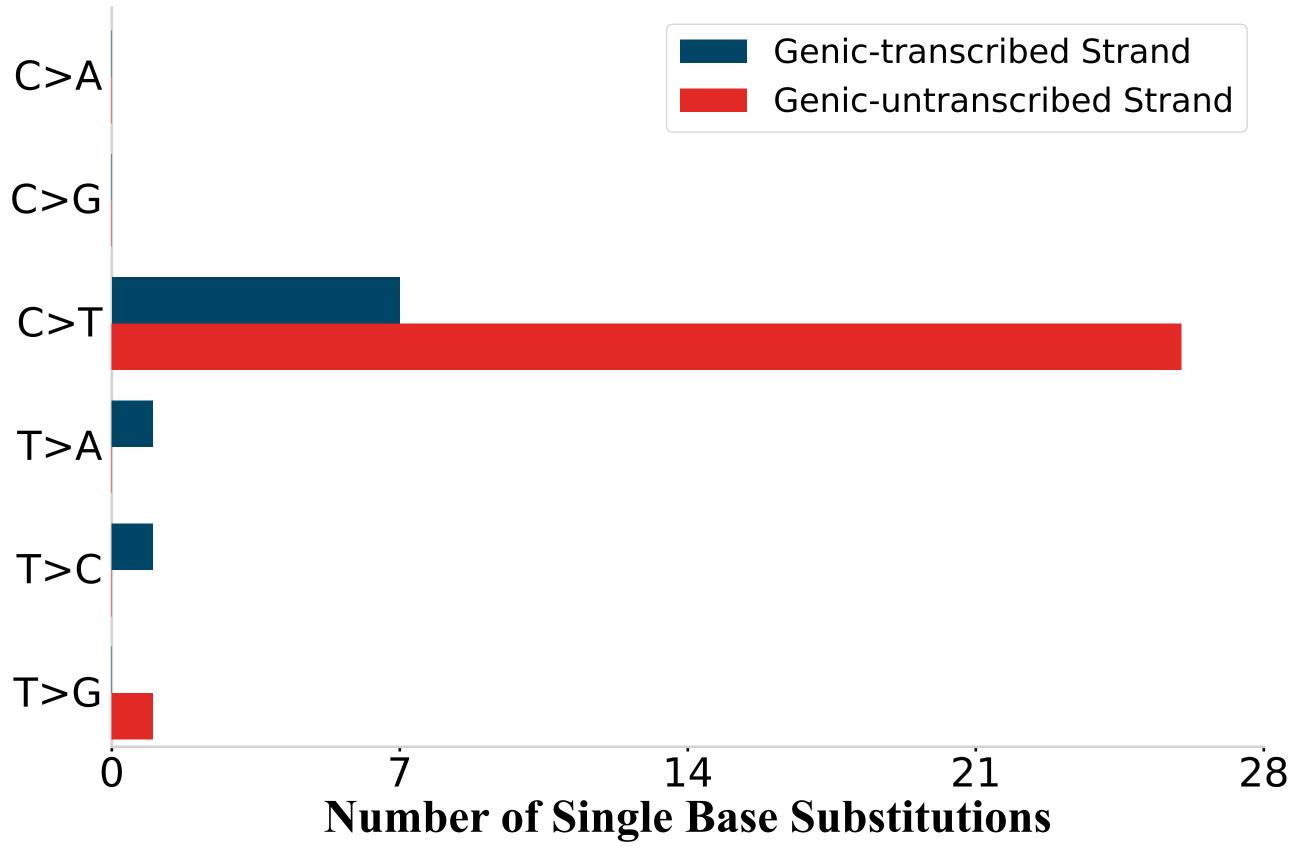
P-0028078-T01-IM6: 11 transcribed subs



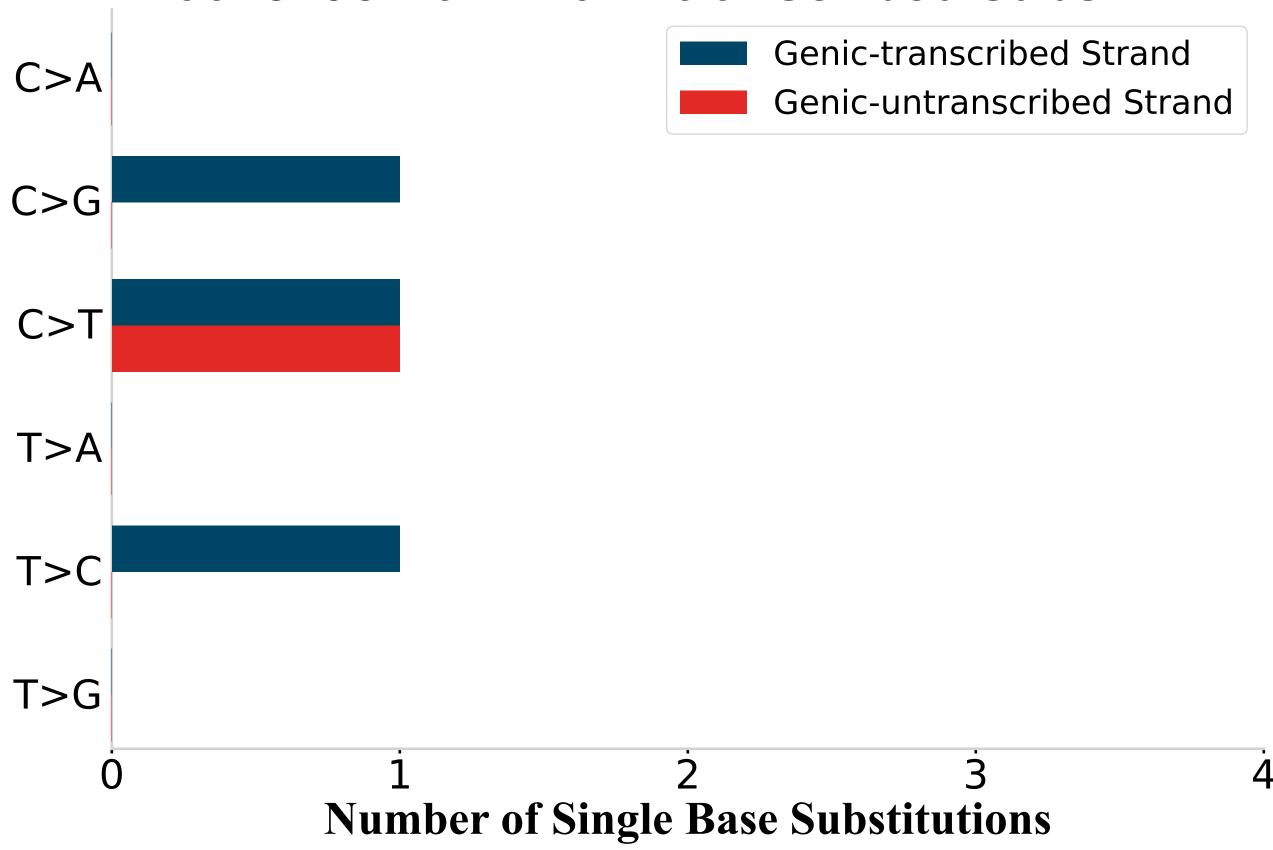
P-0028101-T01-IM6: 44 transcribed subs



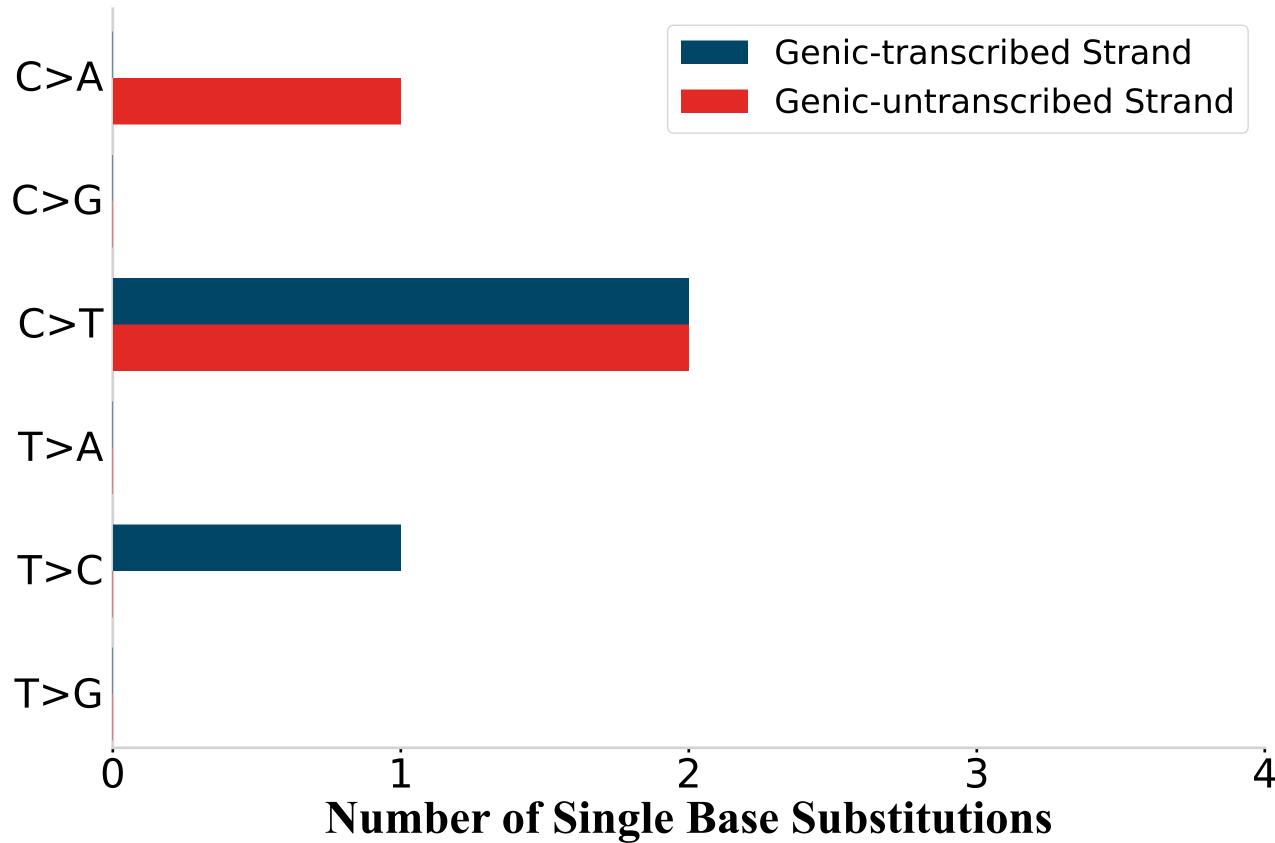
P-0028205-T01-IM6: 36 transcribed subs



P-0028298-T01-IM6: 4 transcribed subs



P-0028316-T01-IM6: 6 transcribed subs



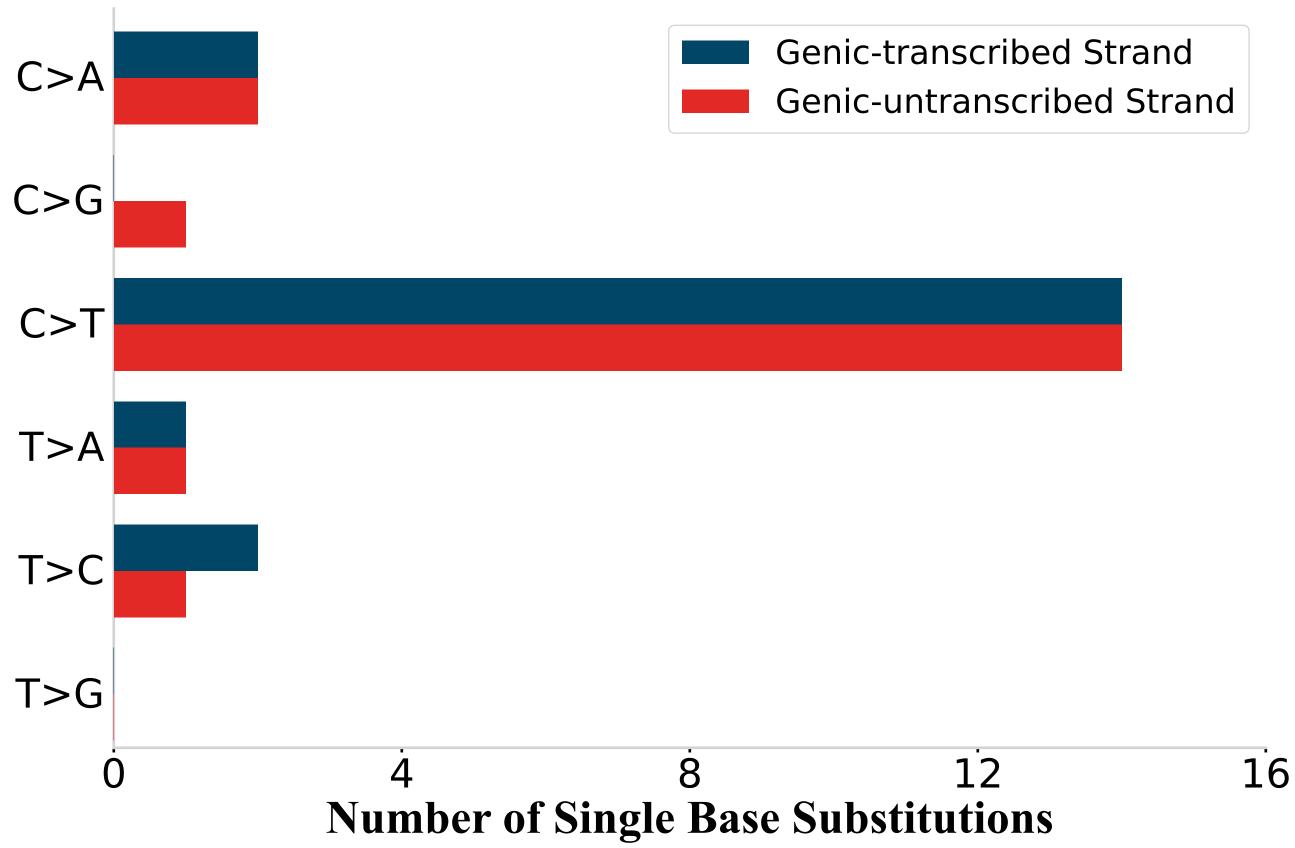
P-0028477-T01-IM6: 79 transcribed subs Genic-transcribed Strand C>A Genic-untranscribed Strand C>T T>AT>C T>G

11 22 33 Number of Single Base Substitutions

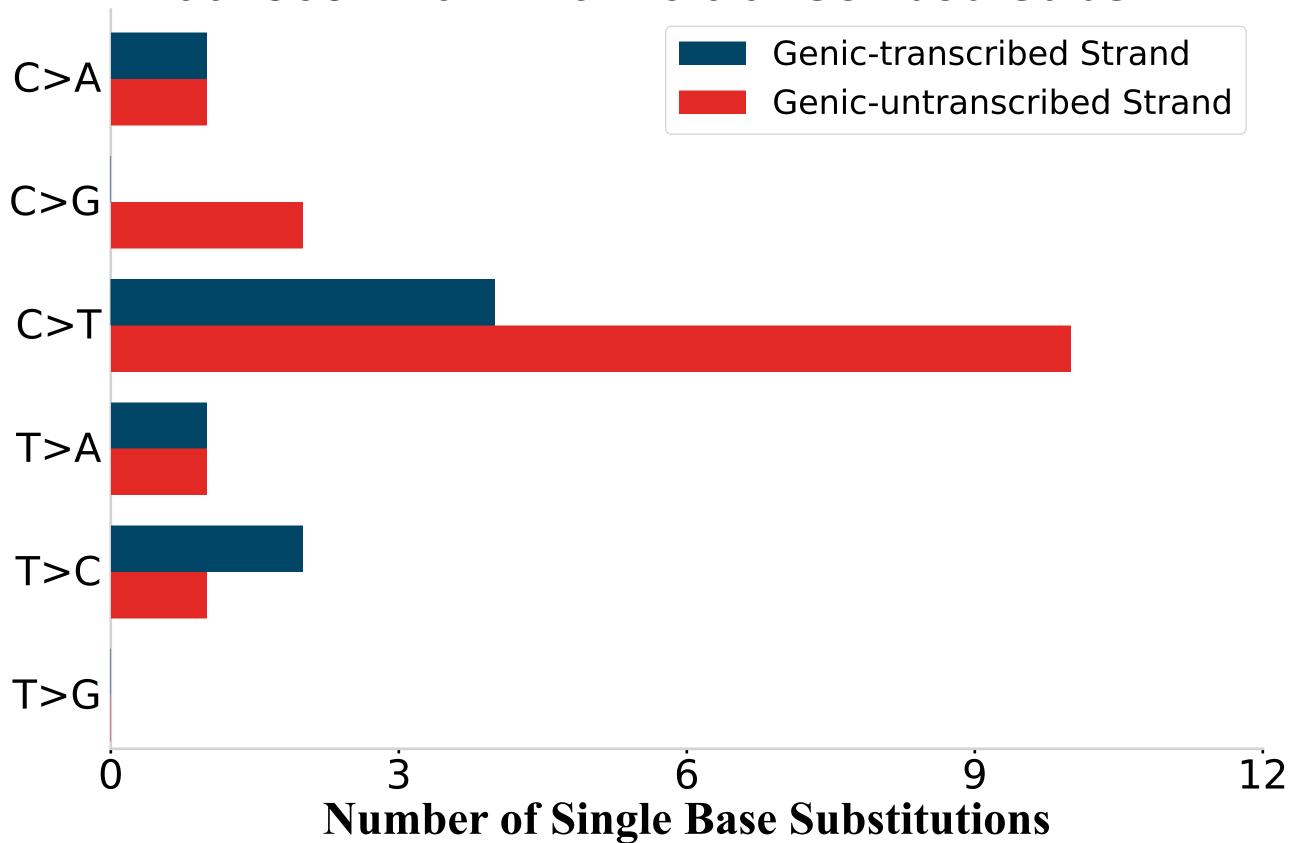
44

P-0028629-T01-IM6: 66 transcribed subs Genic-transcribed Strand C>A Genic-untranscribed Strand C>G C>T T>A T>G 10 20 30 40 **Number of Single Base Substitutions**

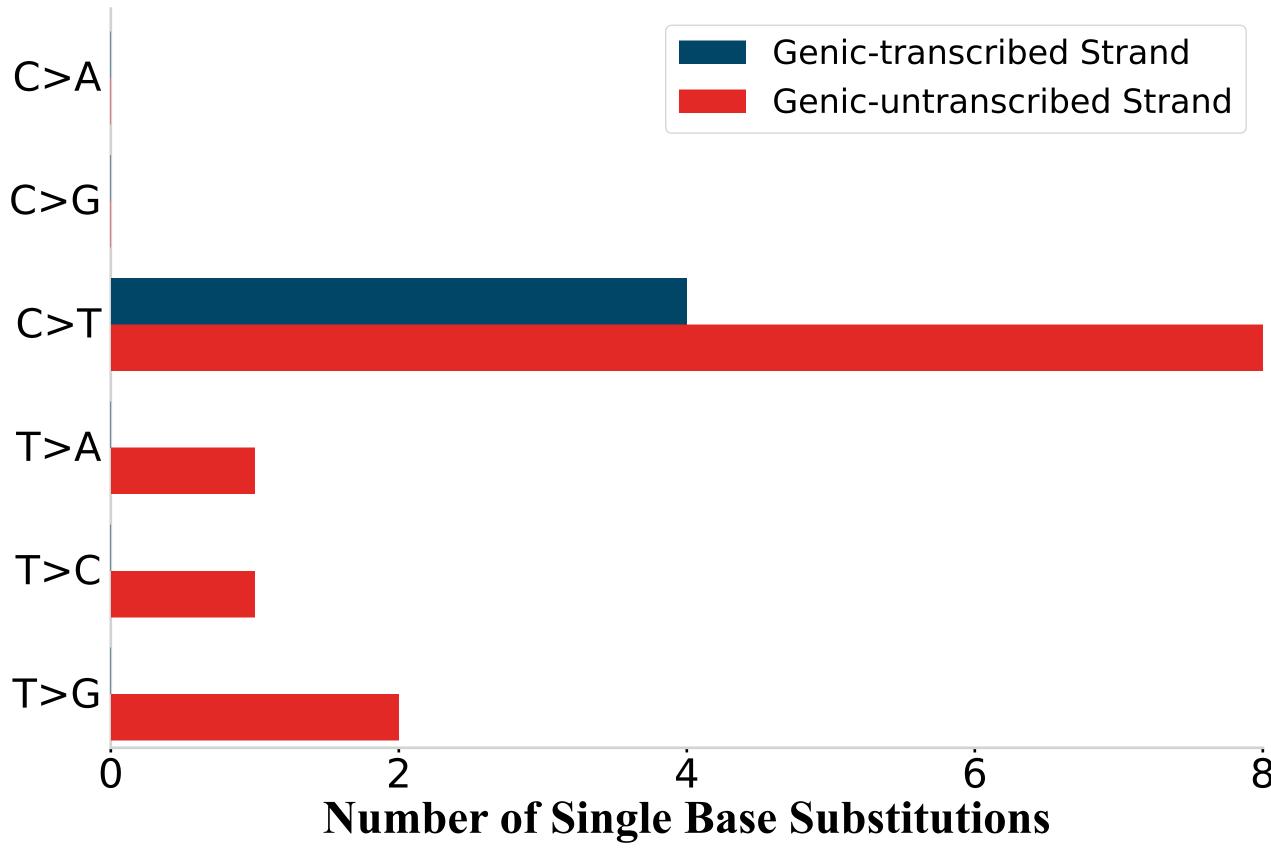
P-0028631-T01-IM6: 38 transcribed subs



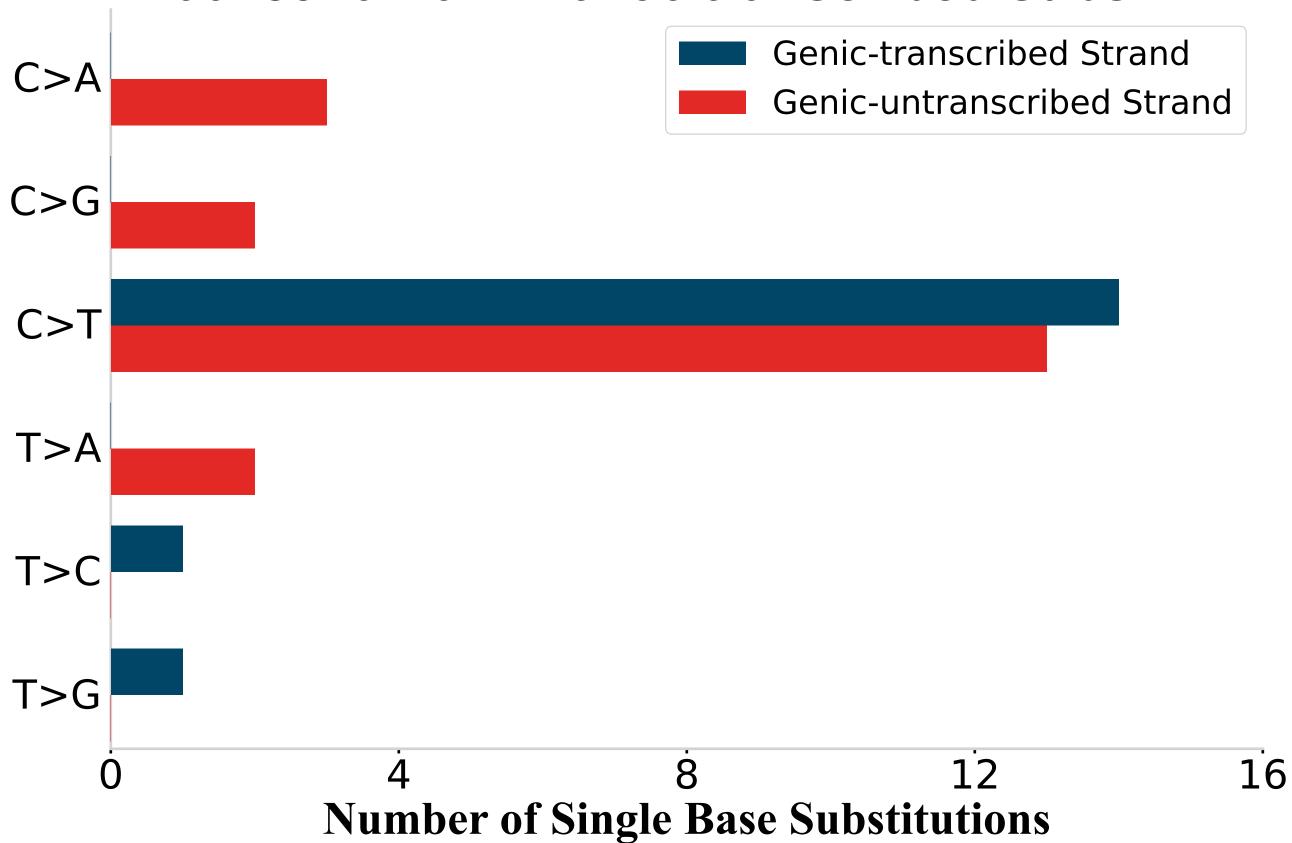
P-0028681-T01-IM6: 23 transcribed subs



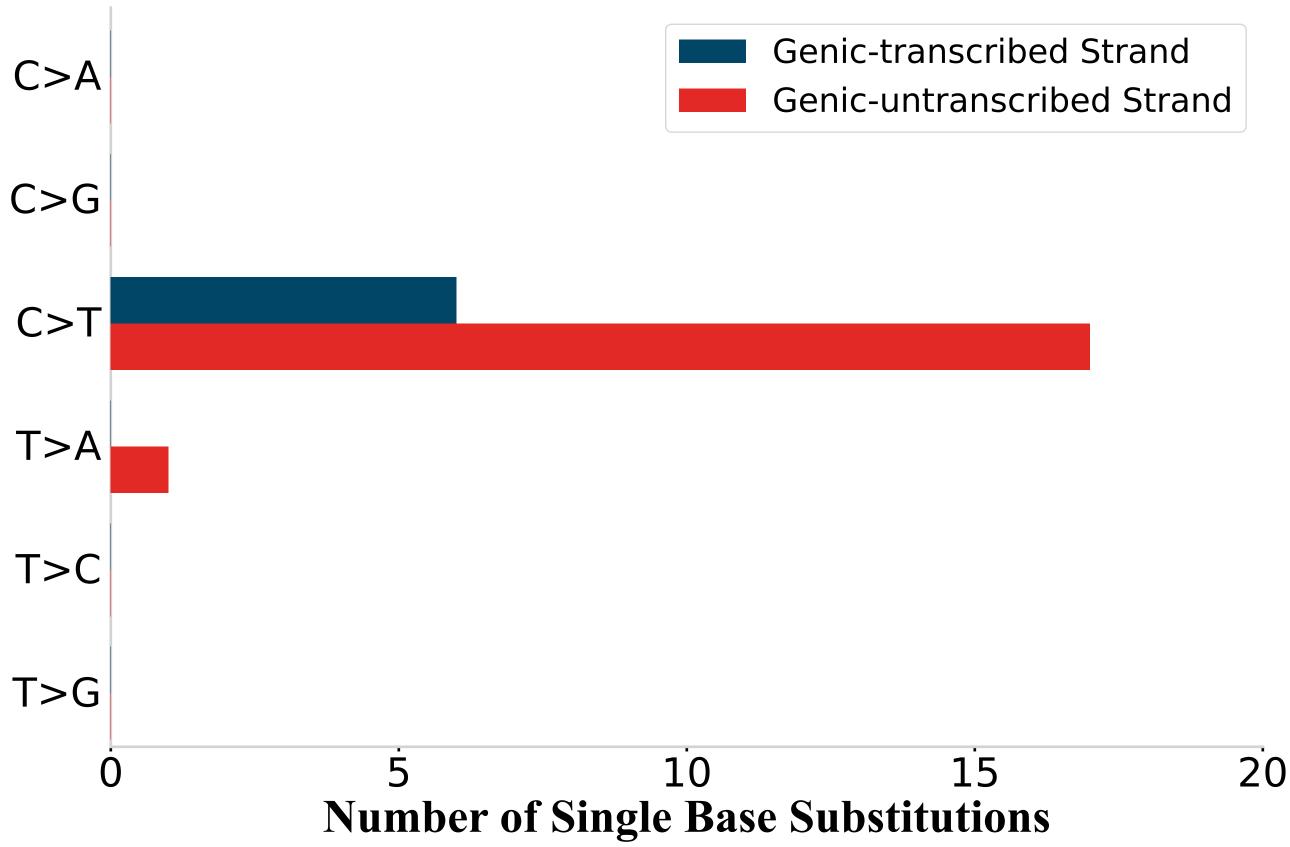
P-0028849-T02-IM6: 16 transcribed subs



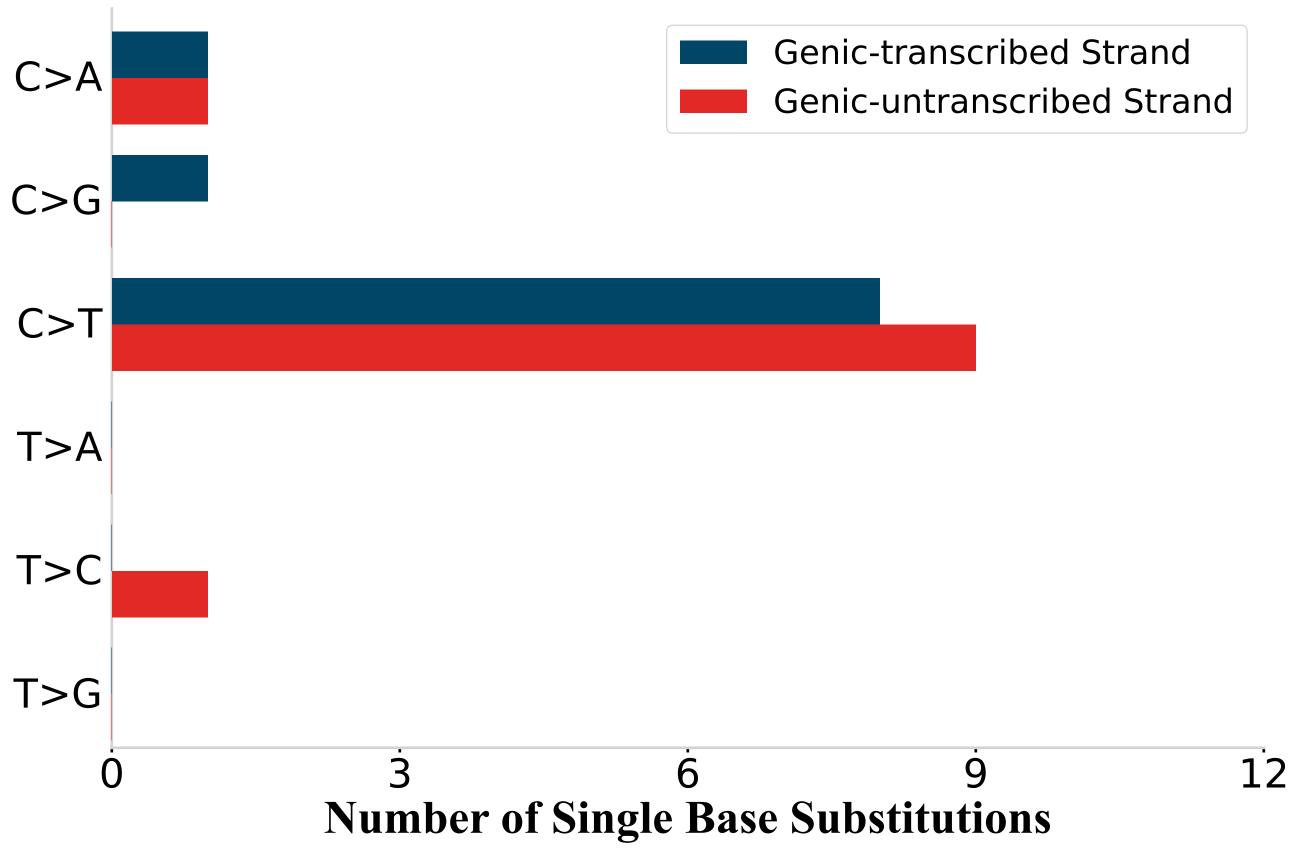
P-0028910-T01-IM6: 36 transcribed subs



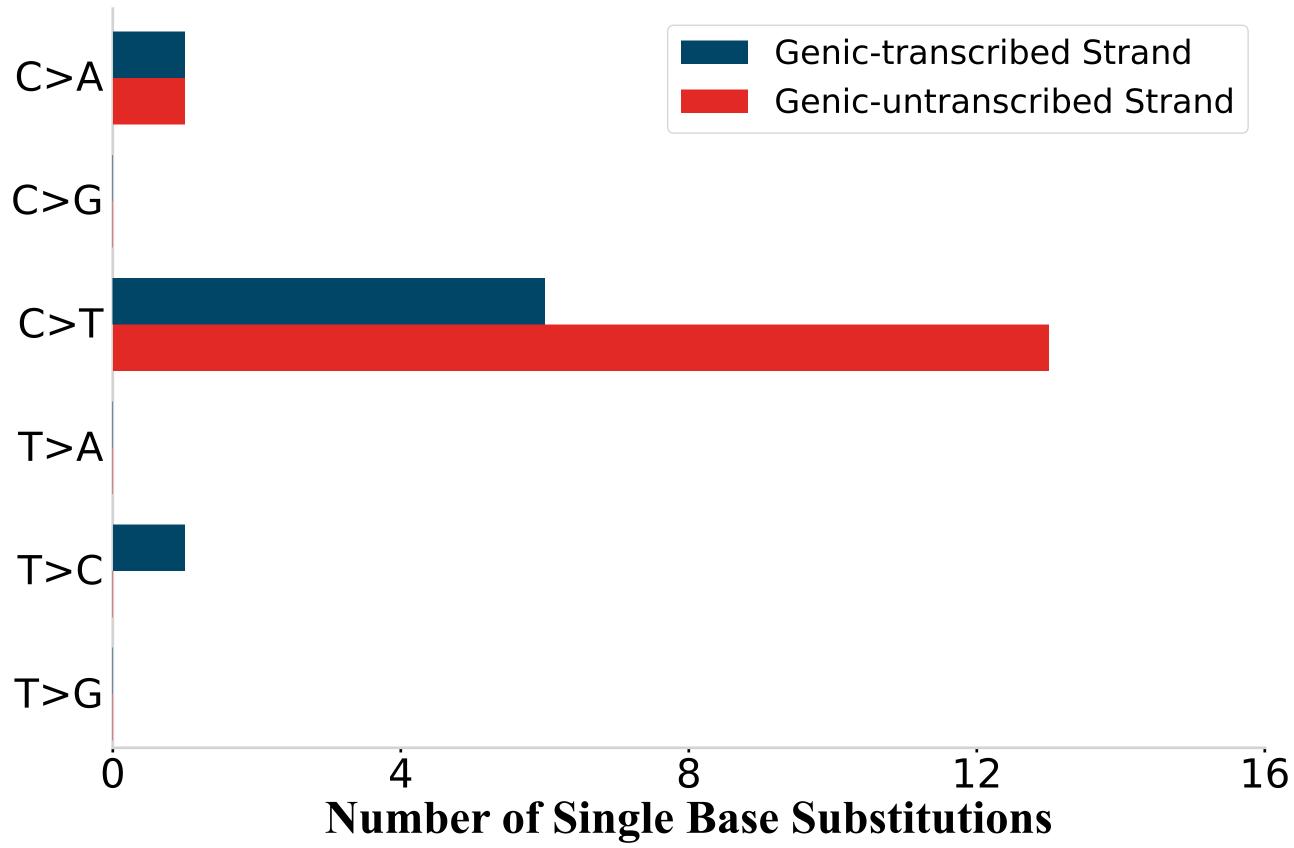
P-0028920-T01-IM6: 24 transcribed subs



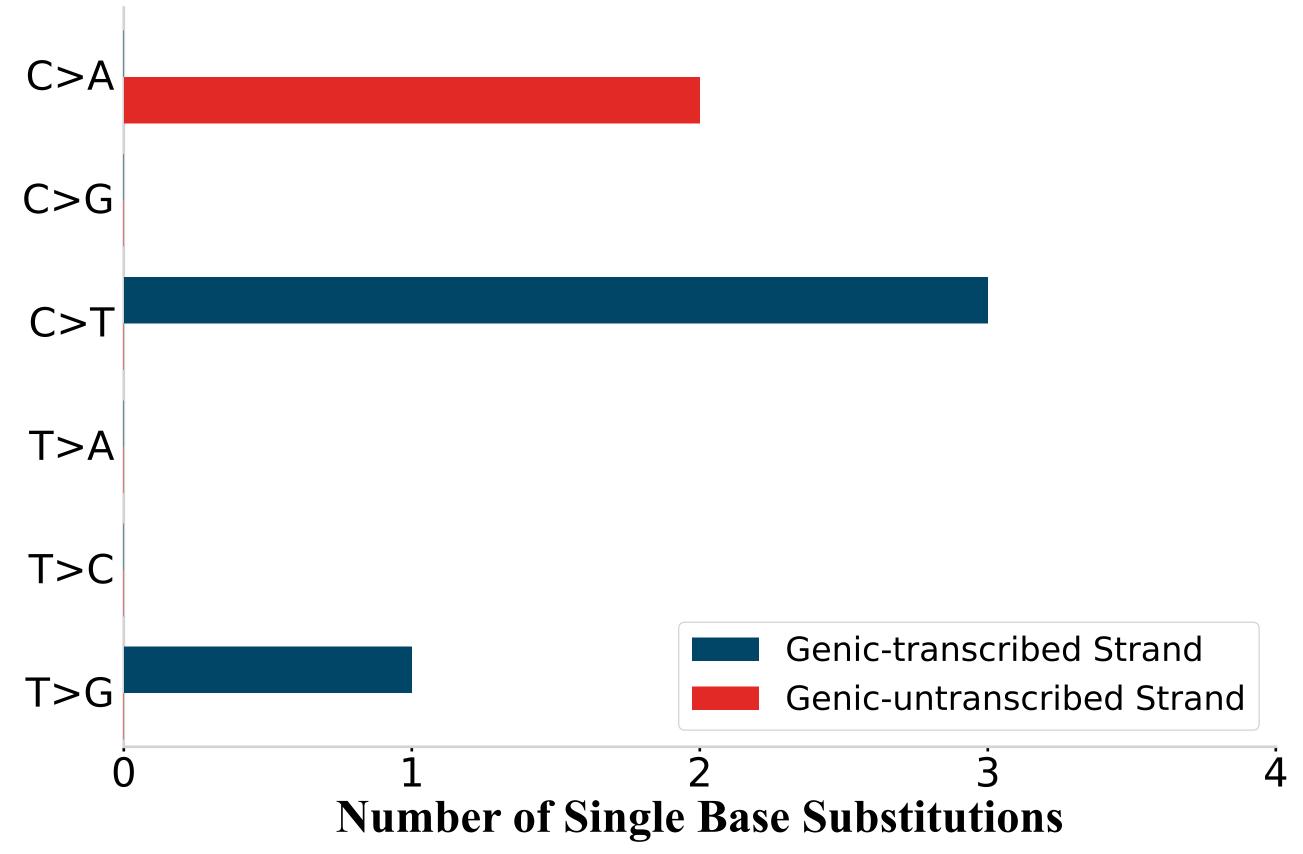
P-0028988-T01-IM6: 21 transcribed subs



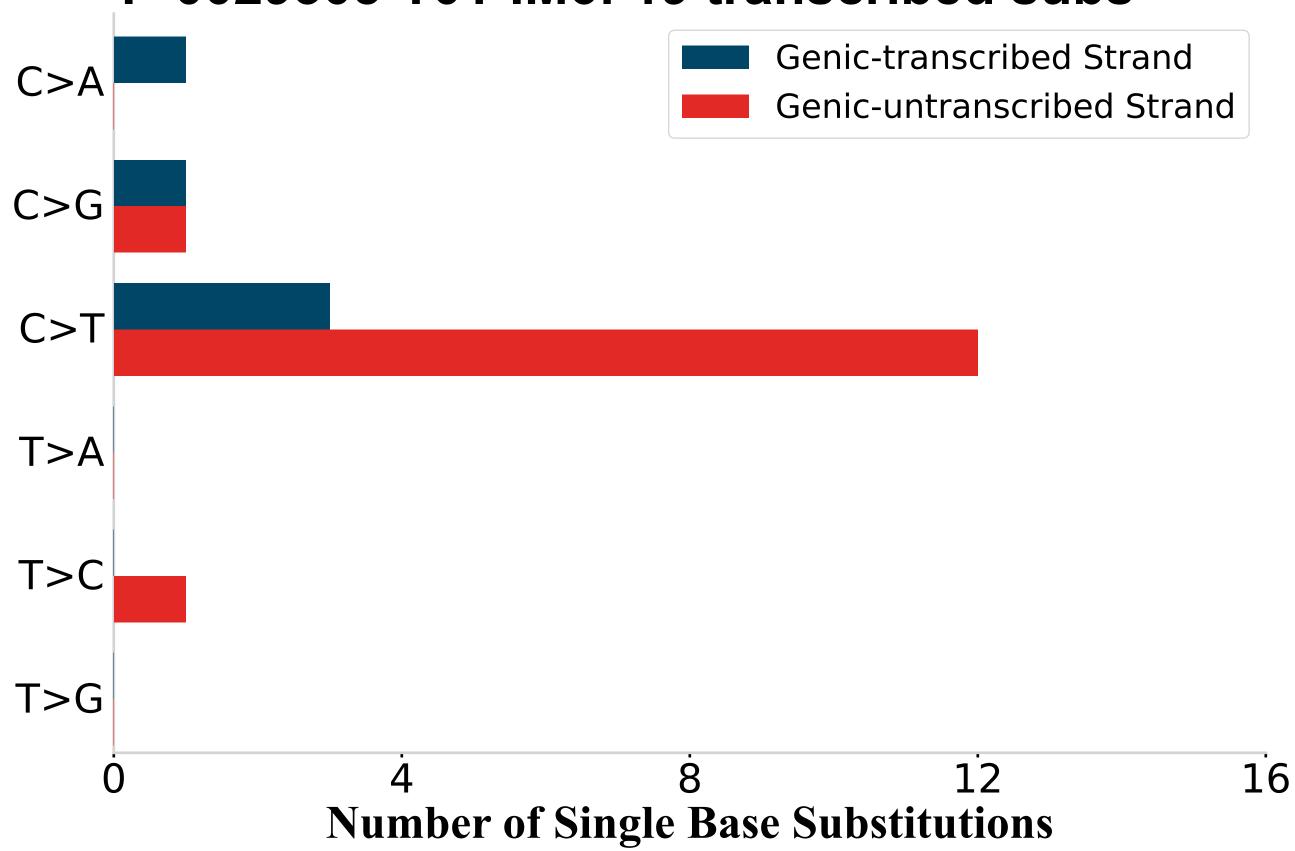
P-0028993-T01-IM6: 22 transcribed subs



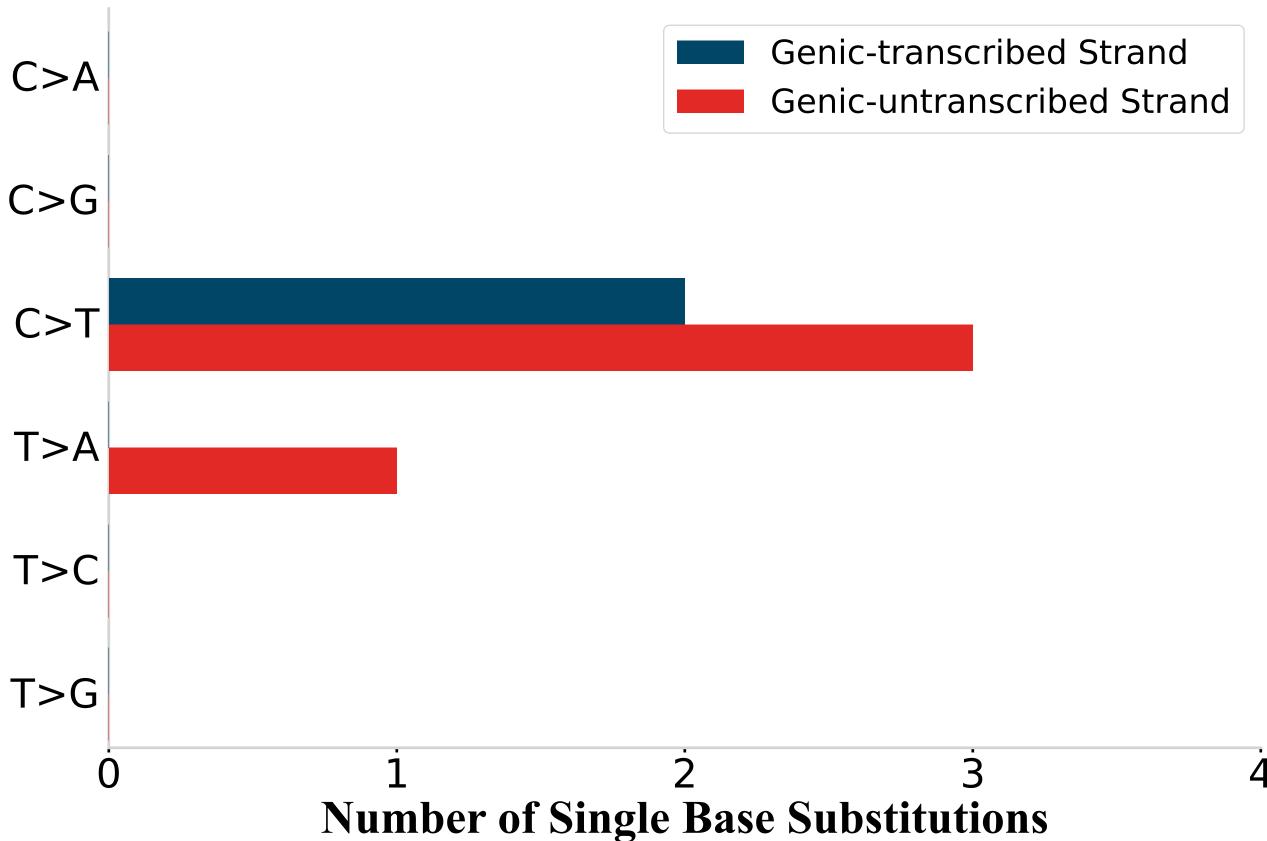
P-0029242-T01-IM6: 6 transcribed subs



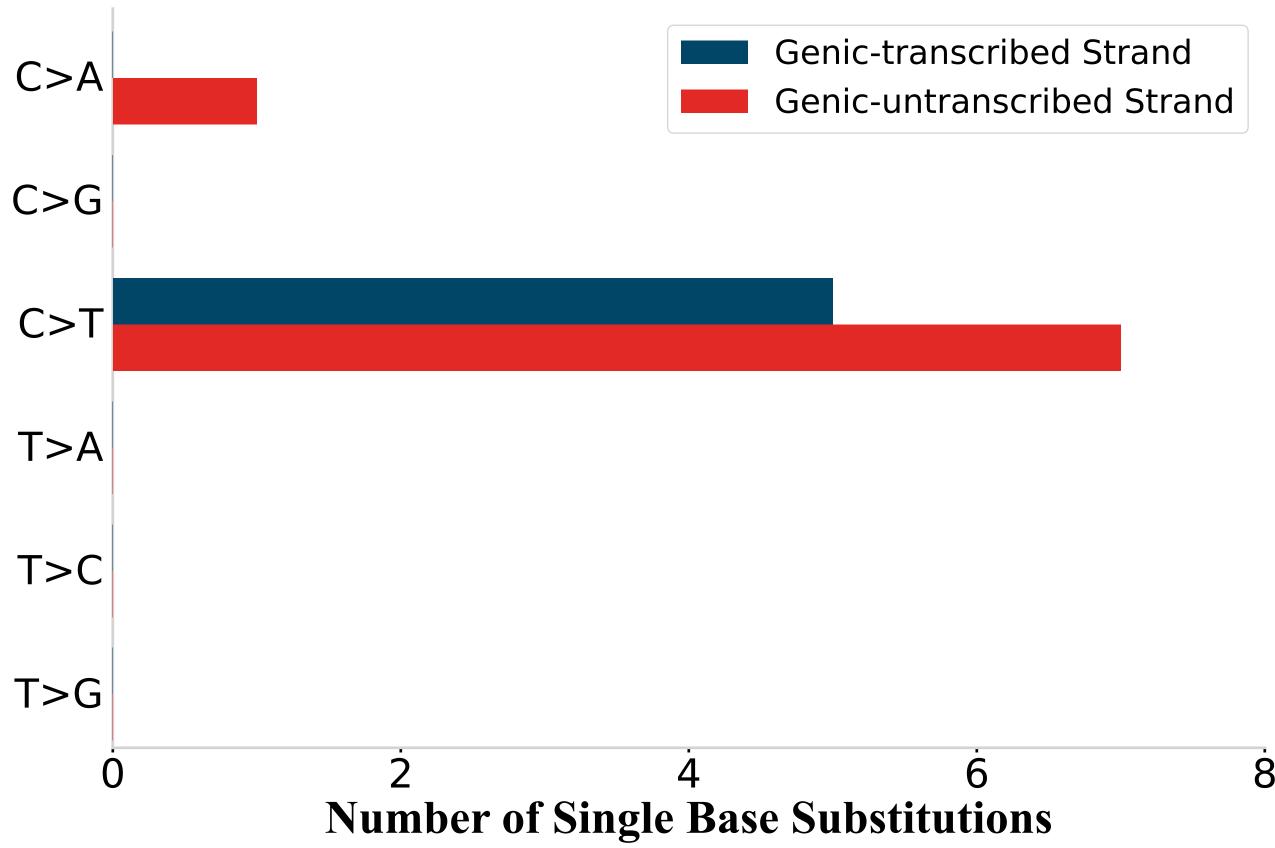
P-0029305-T01-IM6: 19 transcribed subs



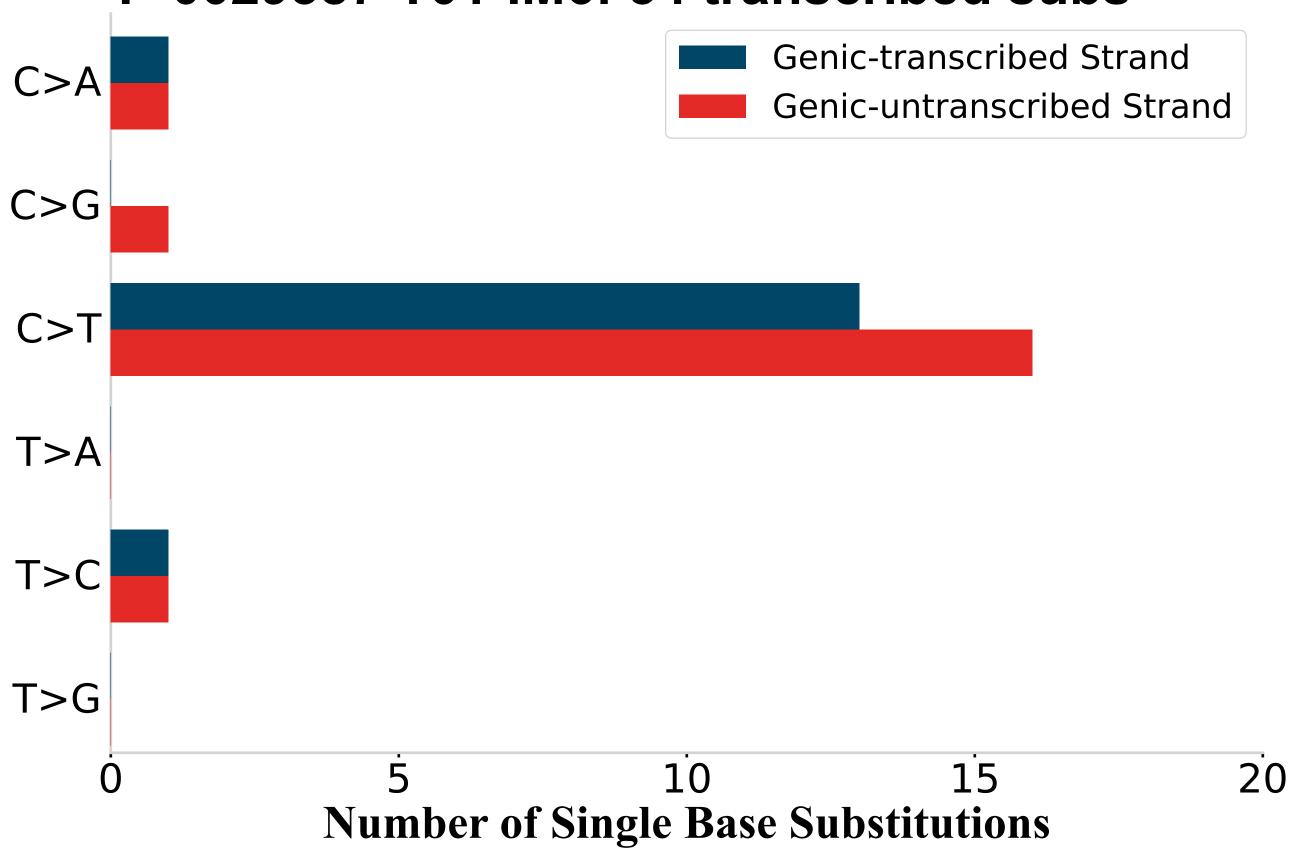
P-0029330-T01-IM6: 6 transcribed subs



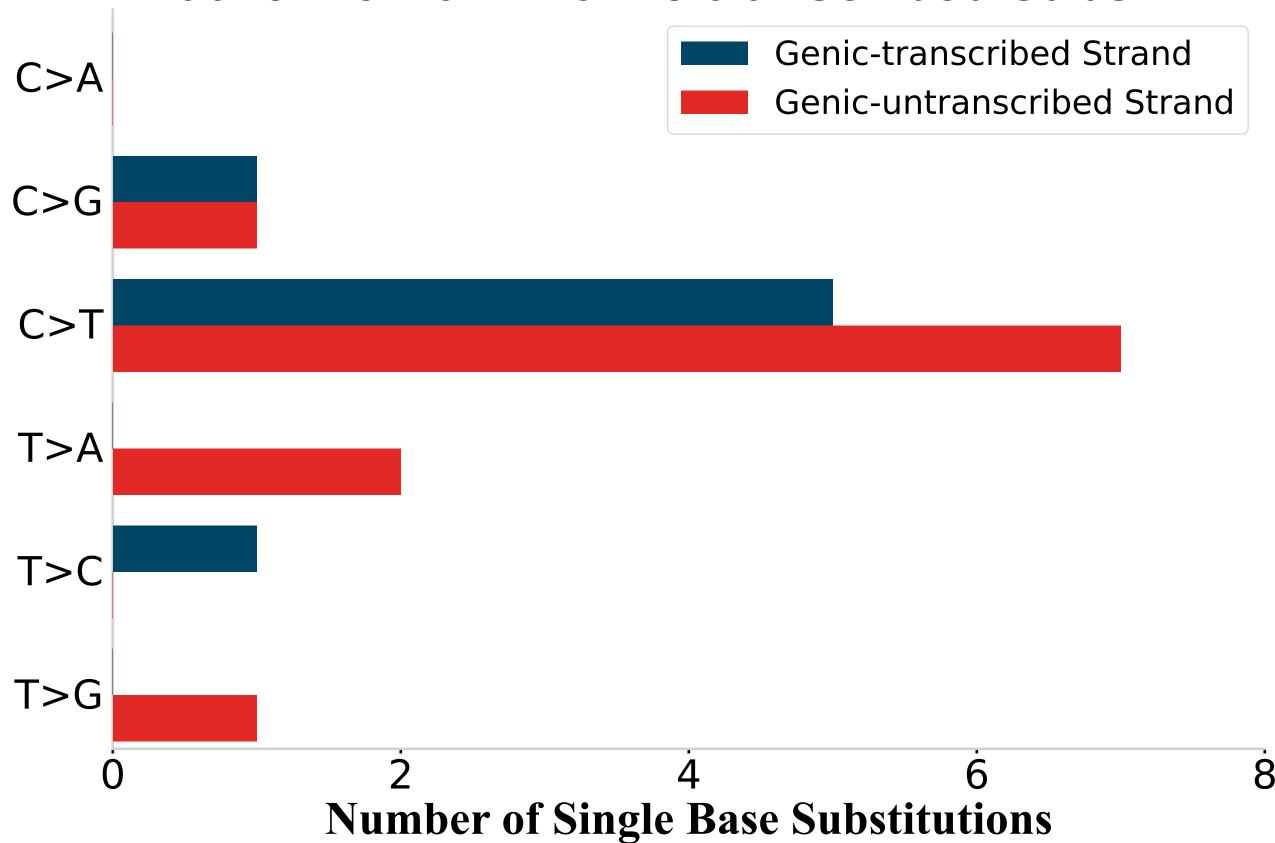
P-0029332-T01-IM6: 13 transcribed subs



P-0029387-T01-IM6: 34 transcribed subs

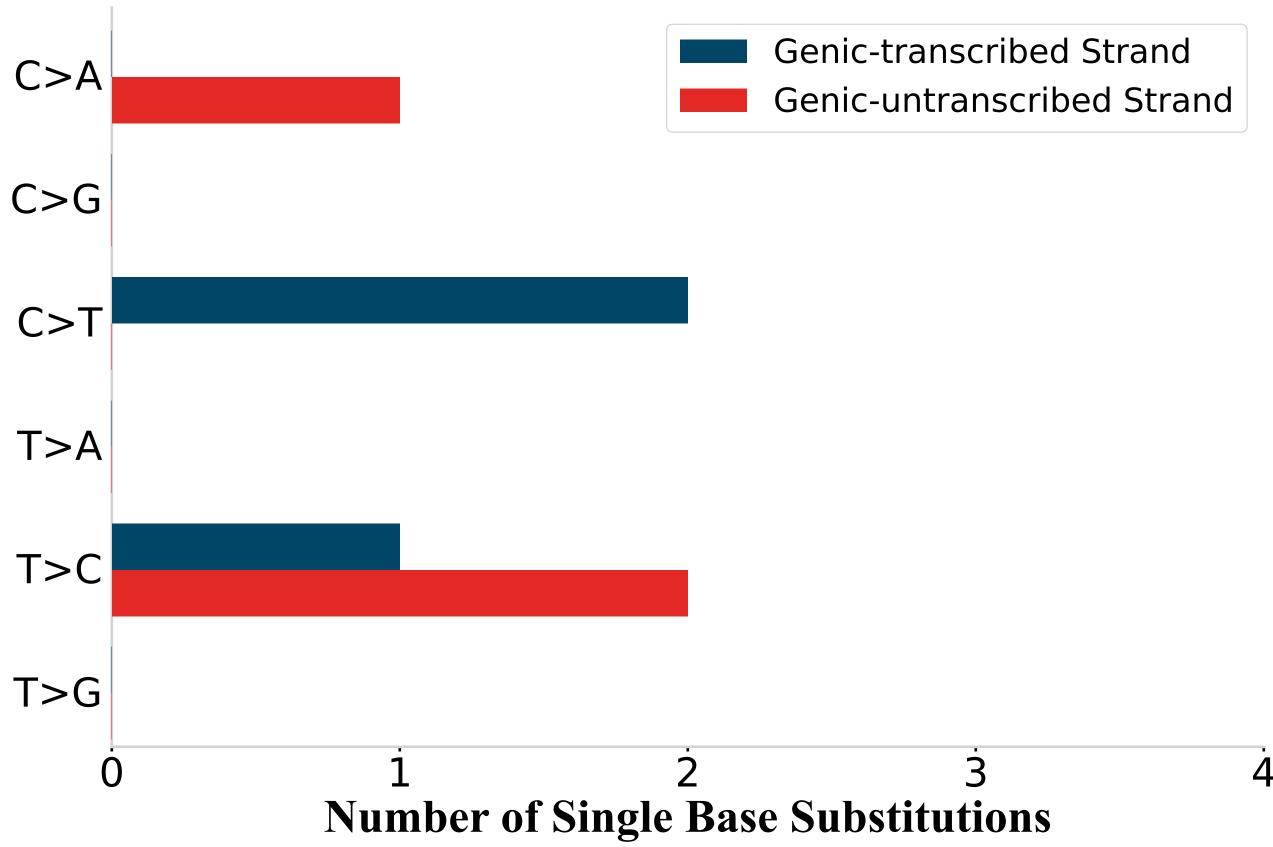


P-0029475-T01-IM6: 18 transcribed subs

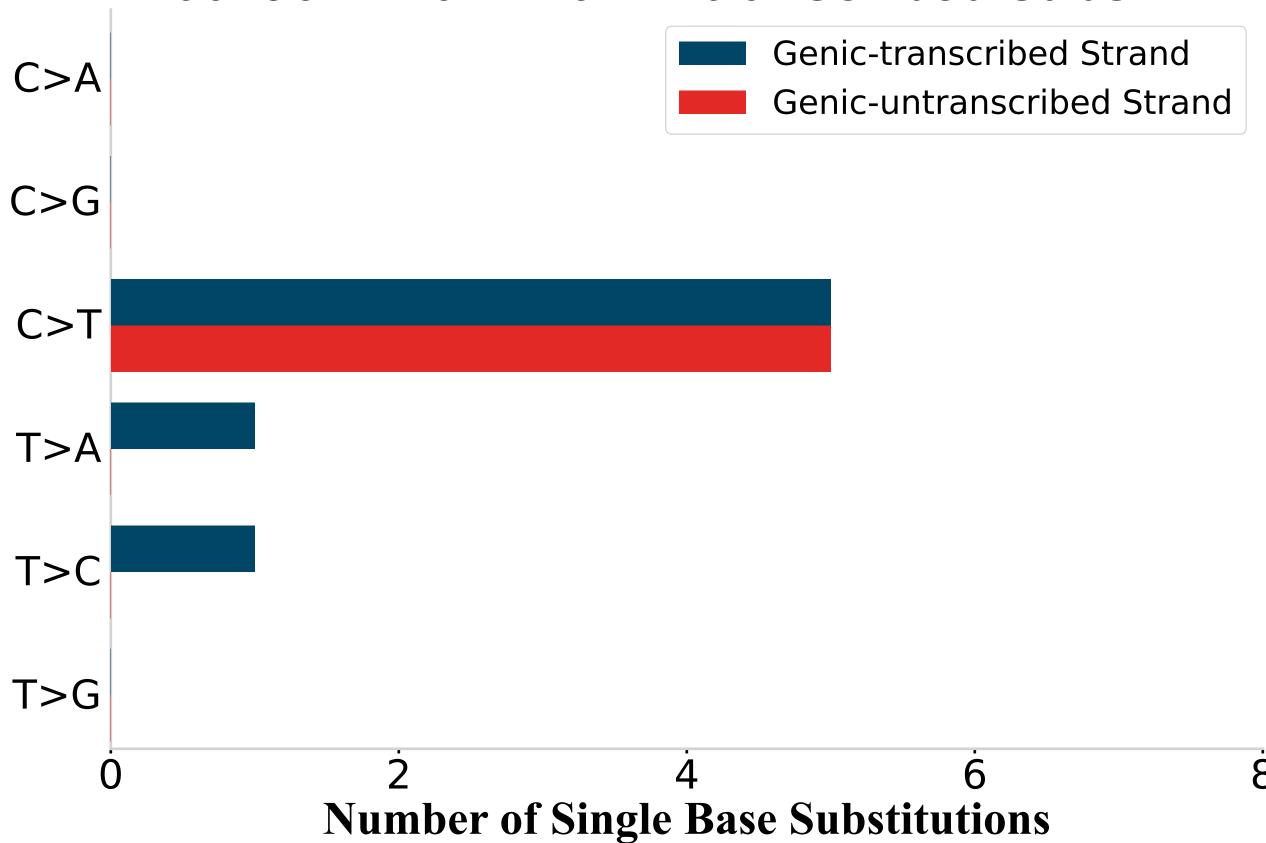


P-0029504-T01-IM6: 193 transcribed subs Genic-transcribed Strand Genic-untranscribed Strand C>T T>AT>G 32 64 96 128 **Number of Single Base Substitutions**

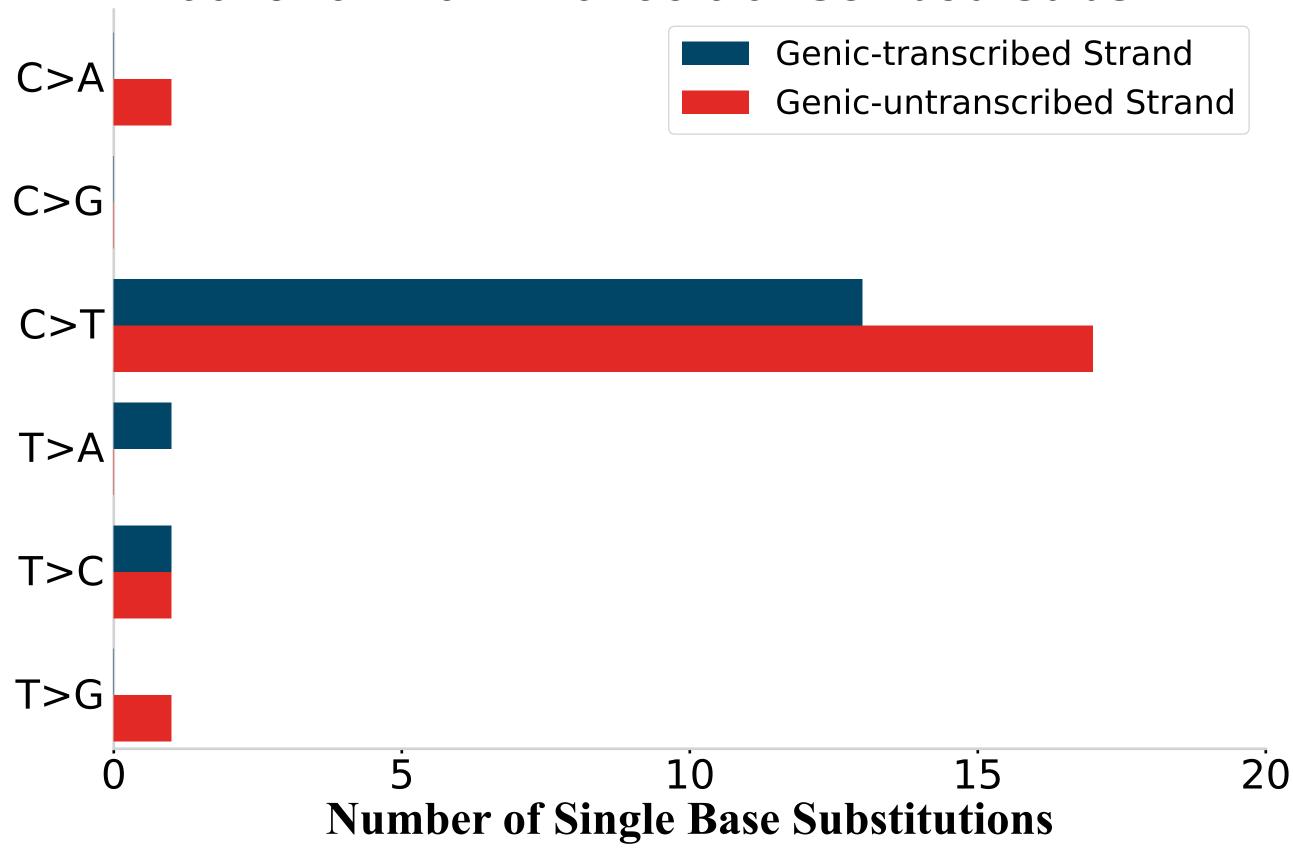
P-0029544-T01-IM6: 6 transcribed subs



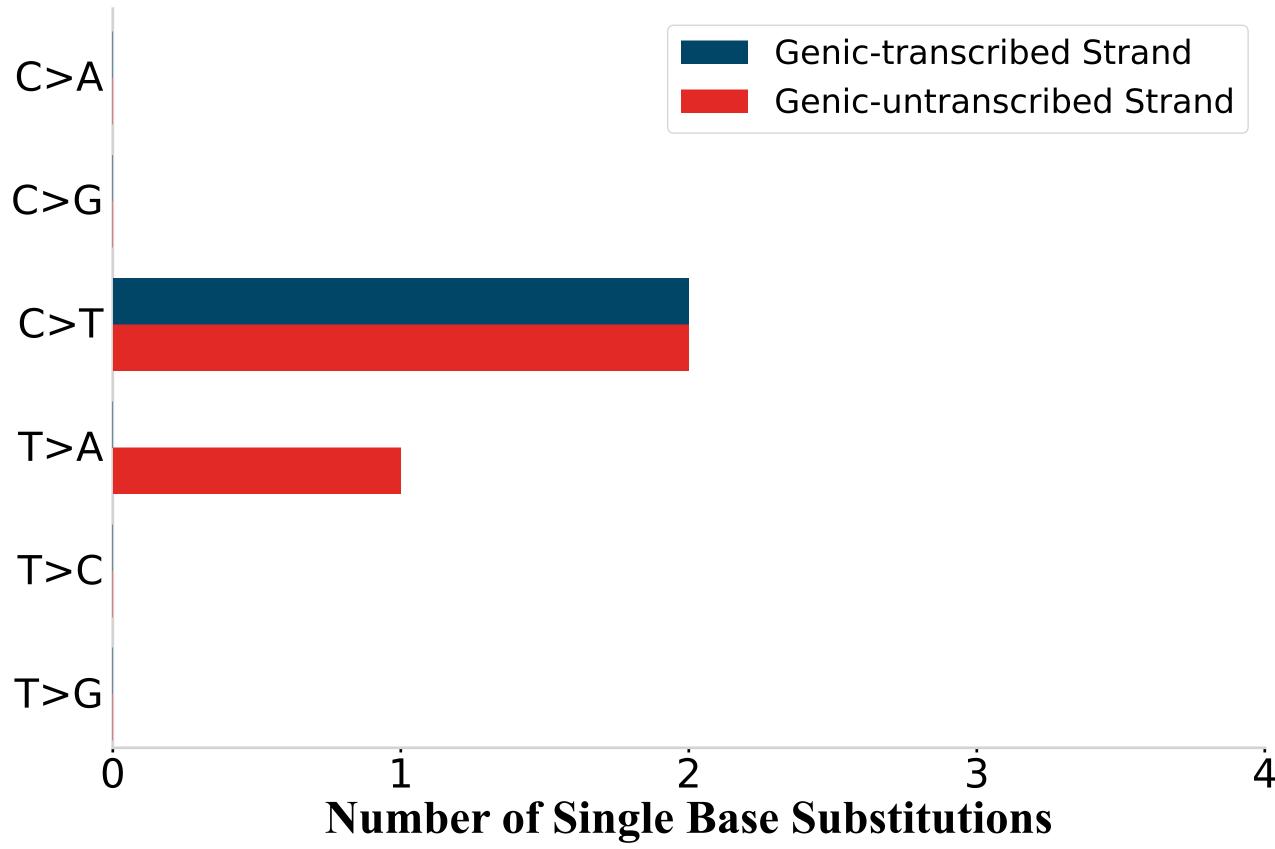
P-0029614-T01-IM6: 12 transcribed subs



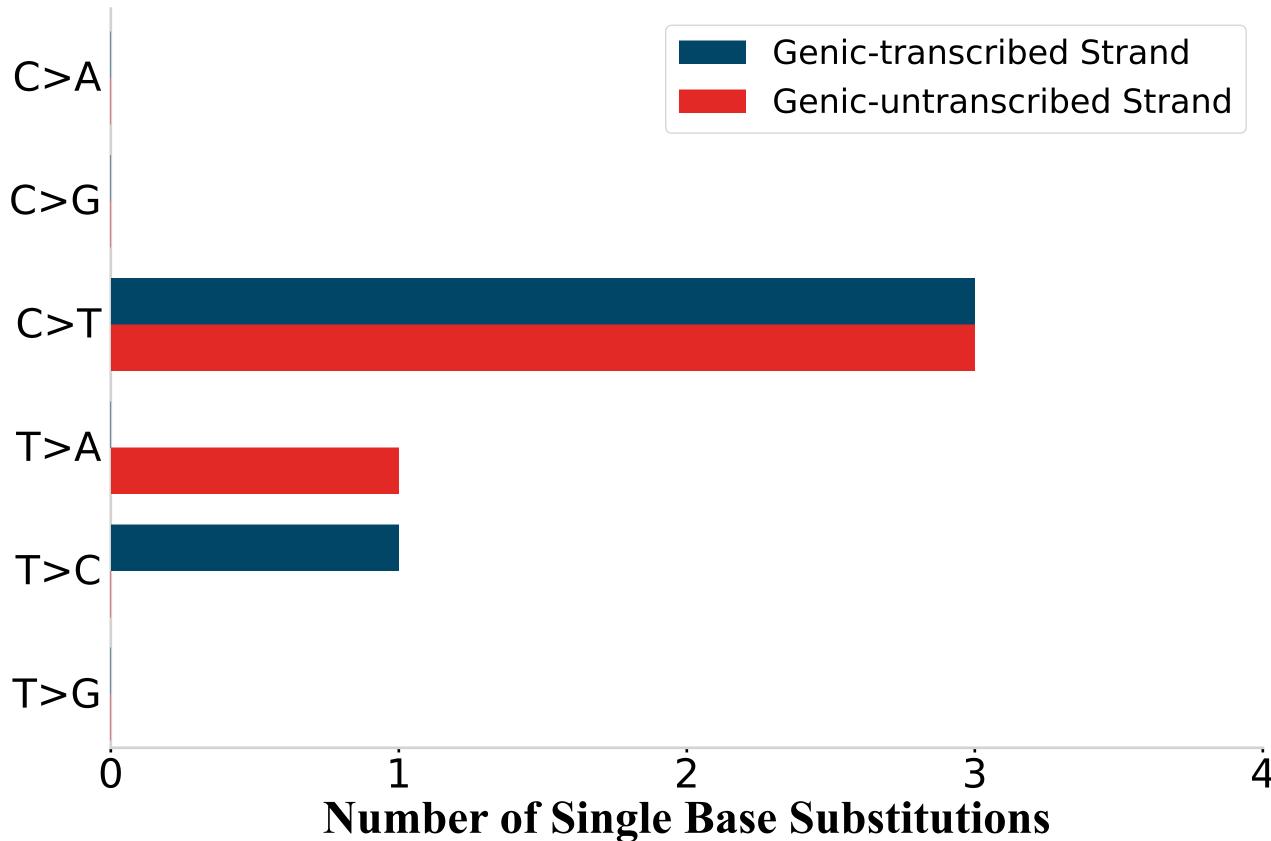
P-0029764-T01-IM6: 35 transcribed subs



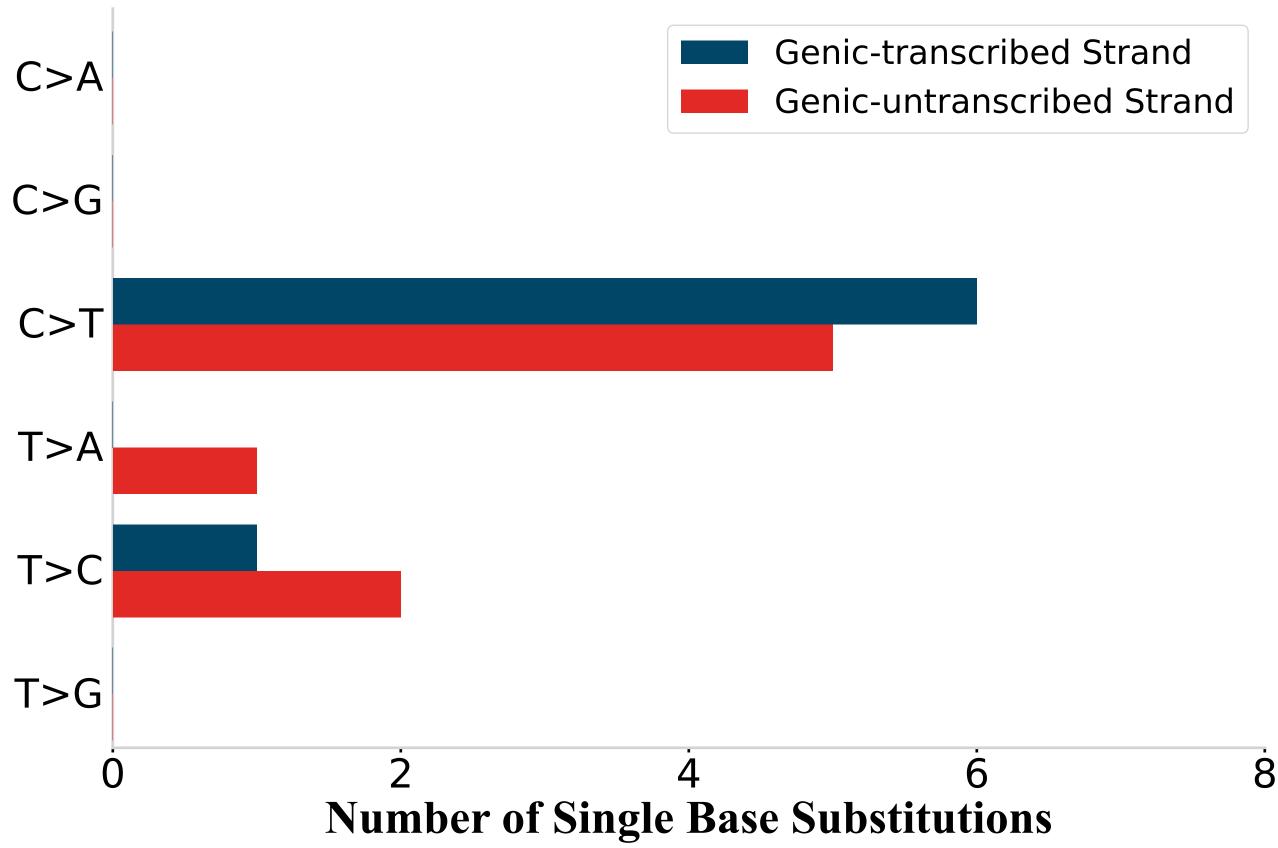
P-0029804-T01-IM6: 5 transcribed subs



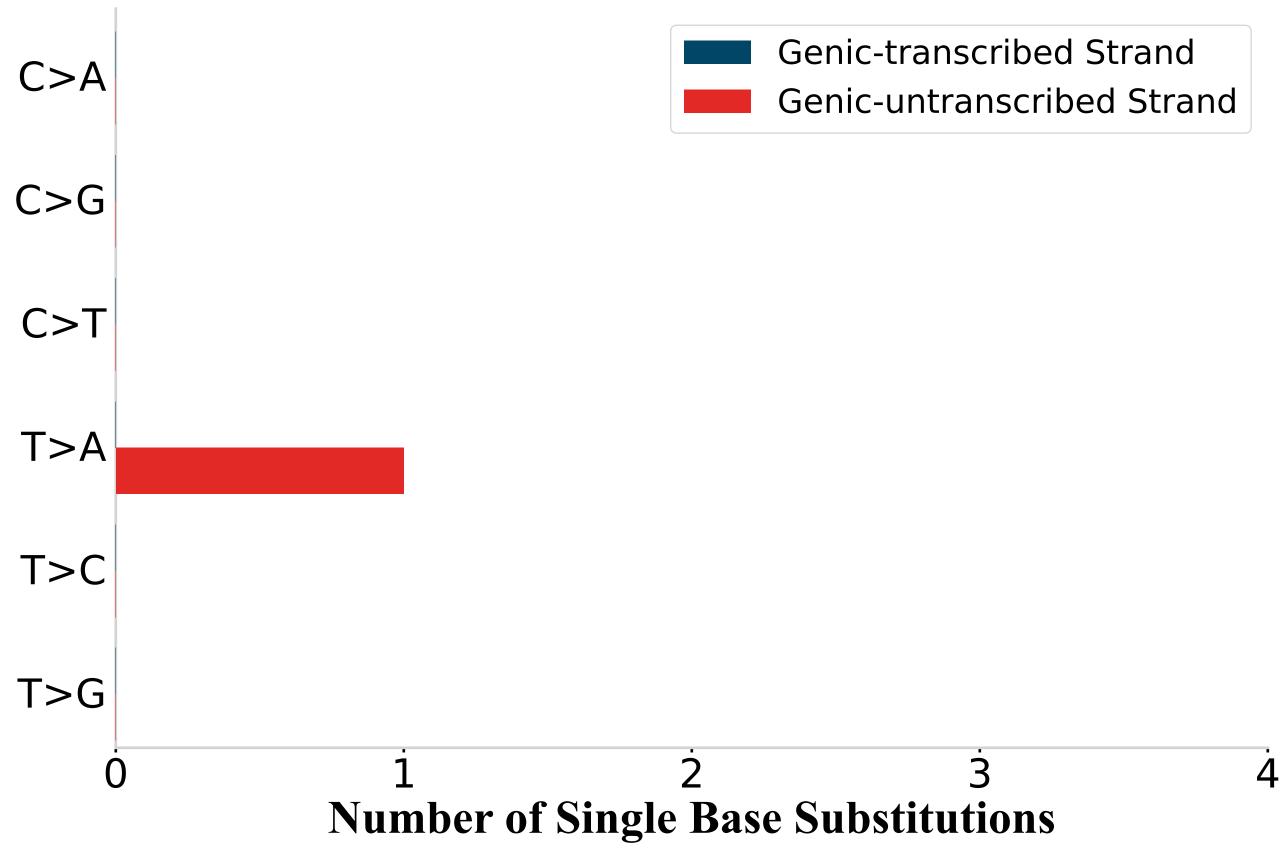
P-0029808-T01-IM6: 8 transcribed subs



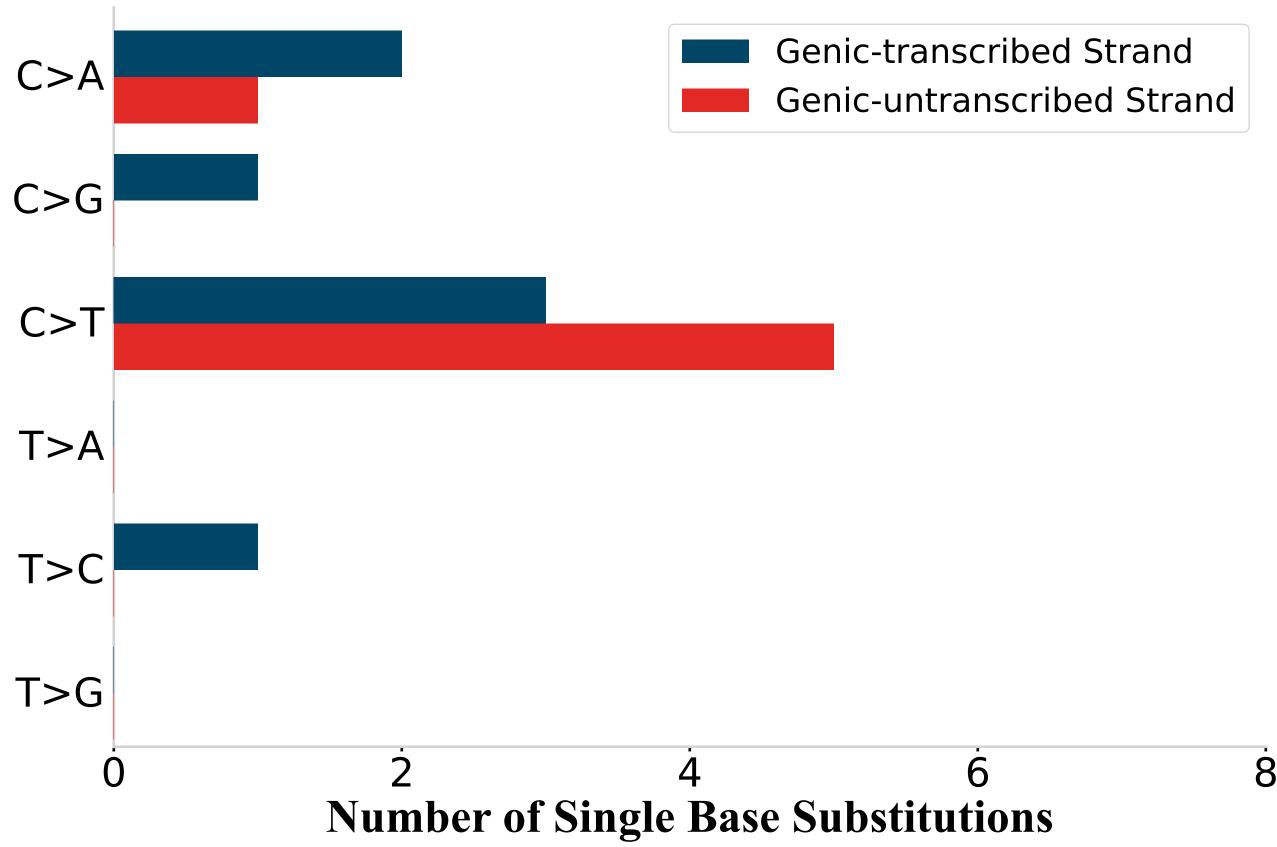
P-0029950-T01-IM6: 15 transcribed subs



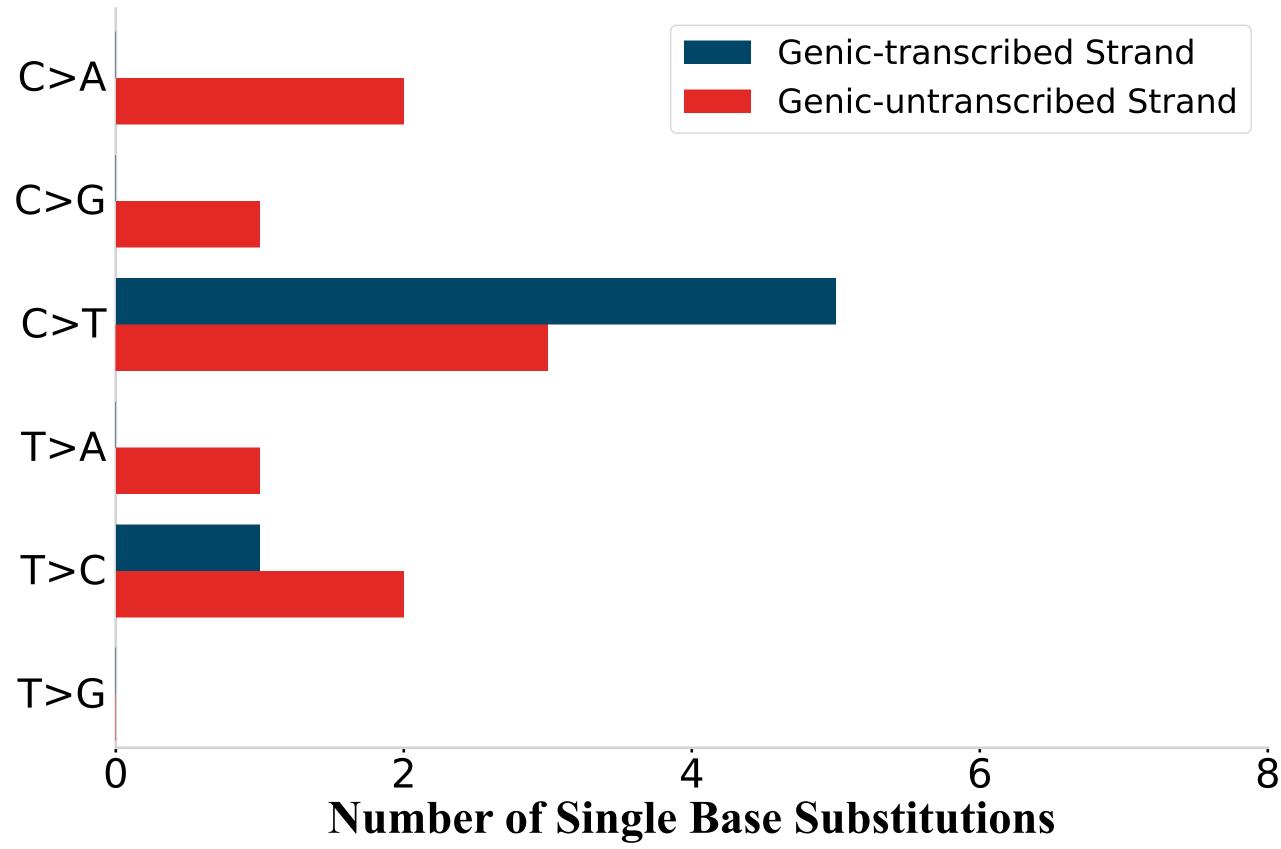
P-0029954-T01-IM6: 1 transcribed subs



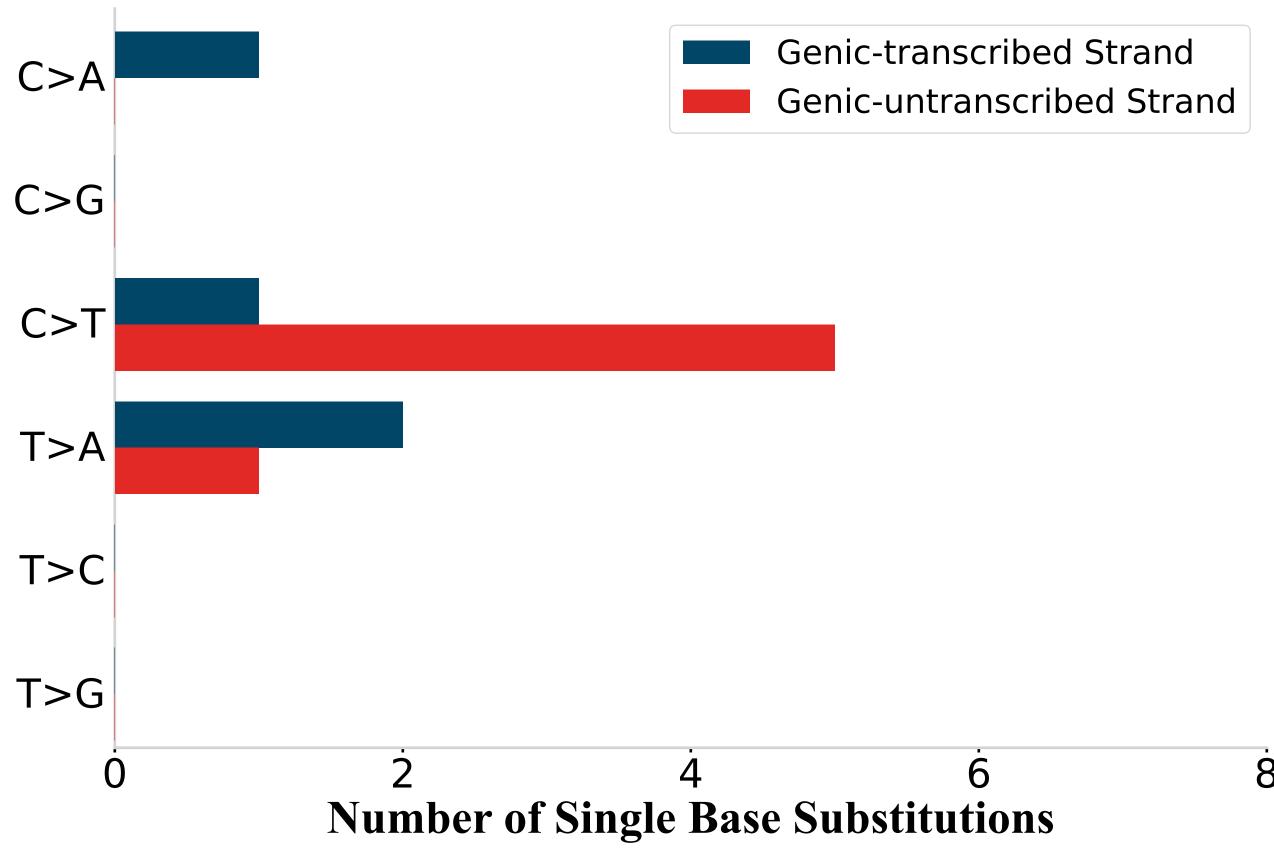
P-0029989-T01-IM6: 13 transcribed subs



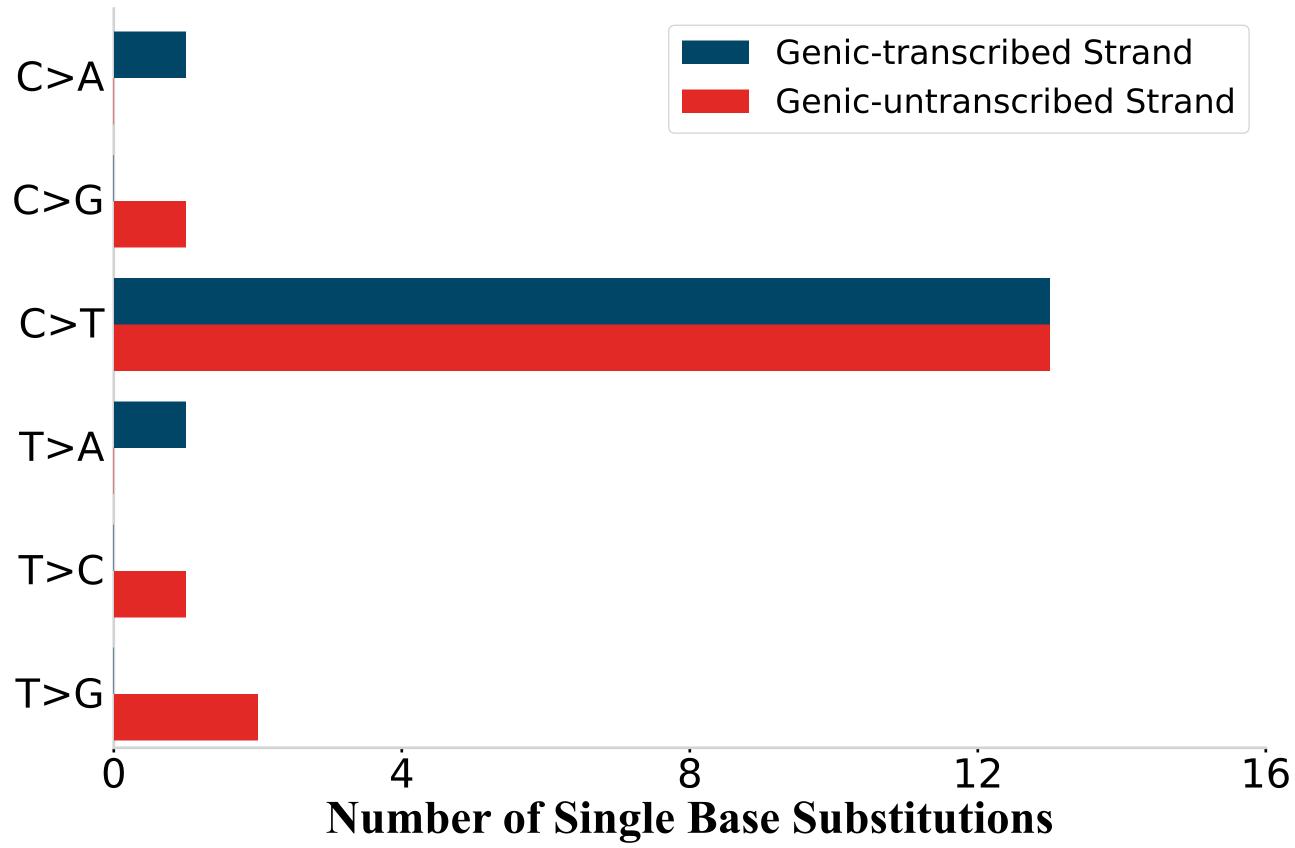
P-0030112-T02-IM6: 15 transcribed subs



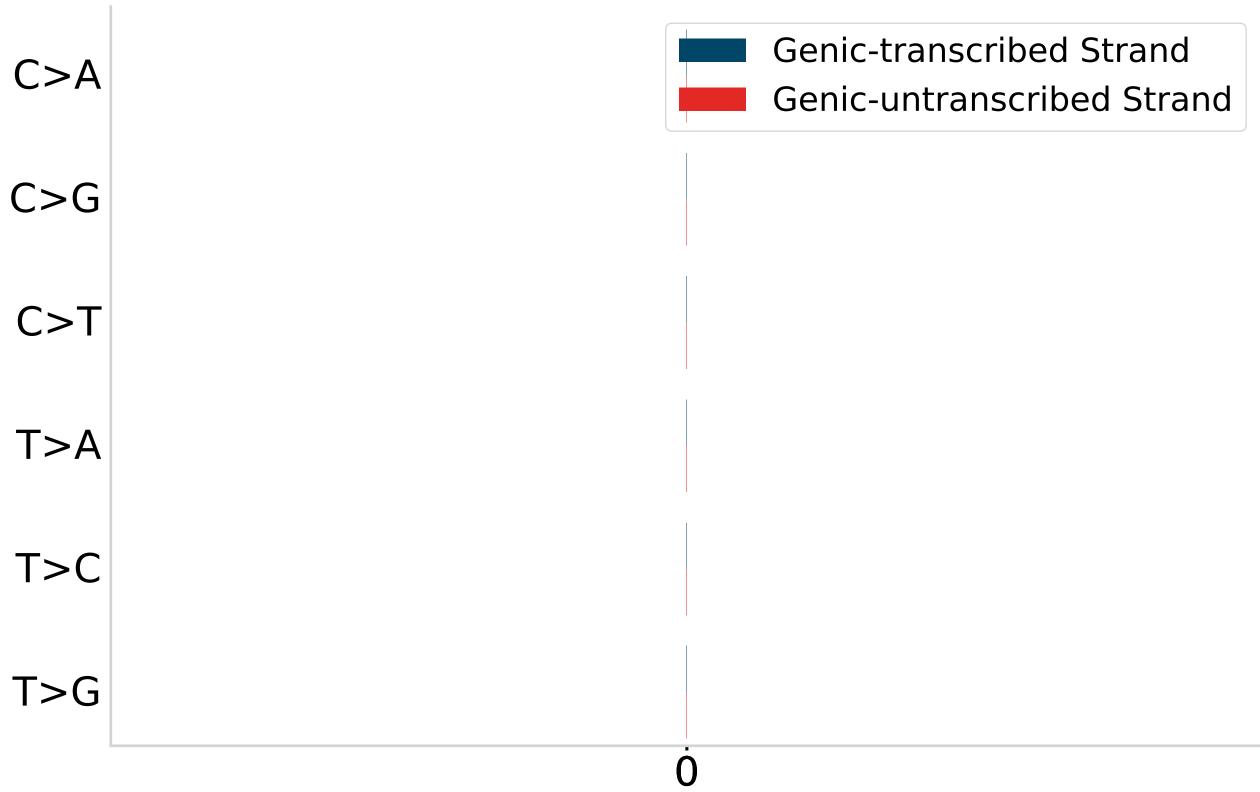
P-0030135-T01-IM6: 10 transcribed subs



P-0030209-T01-IM6: 32 transcribed subs

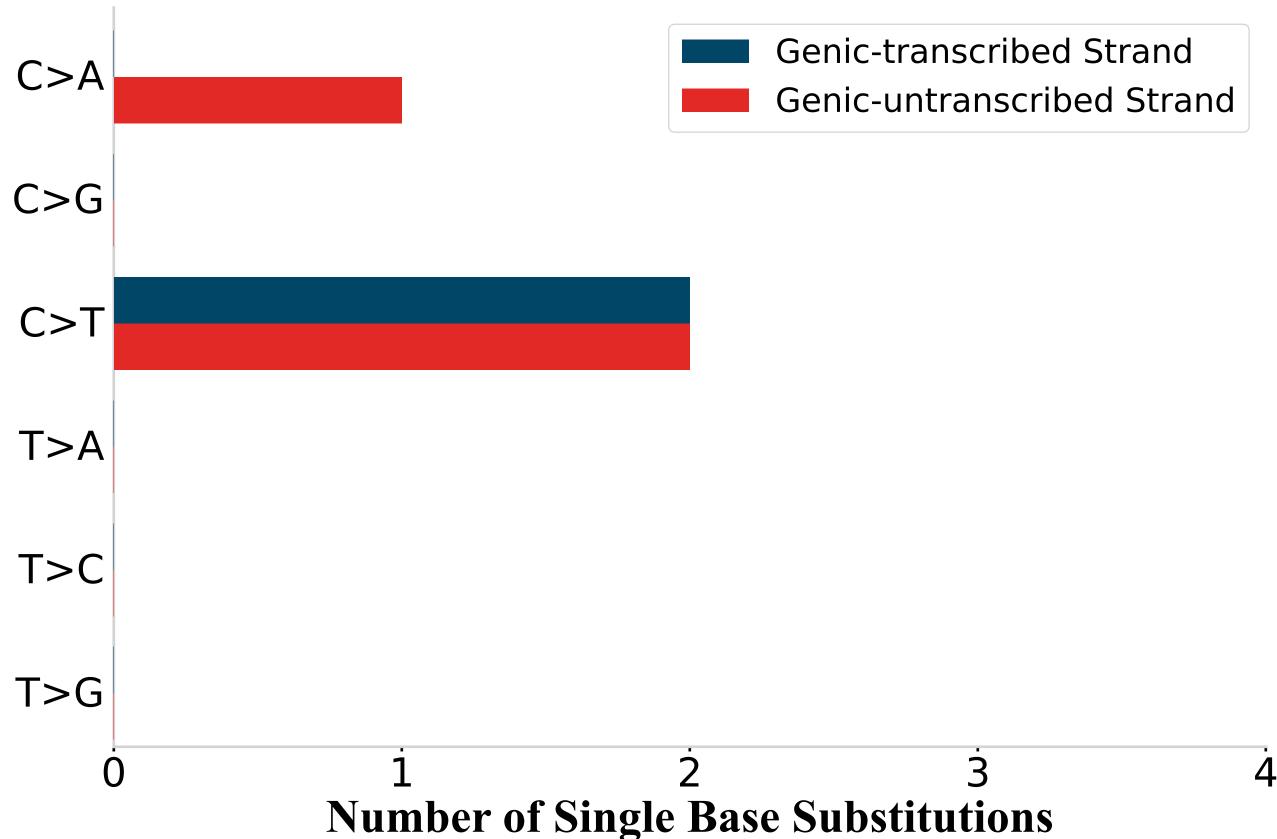


P-0030237-T01-IM6: 0 transcribed subs

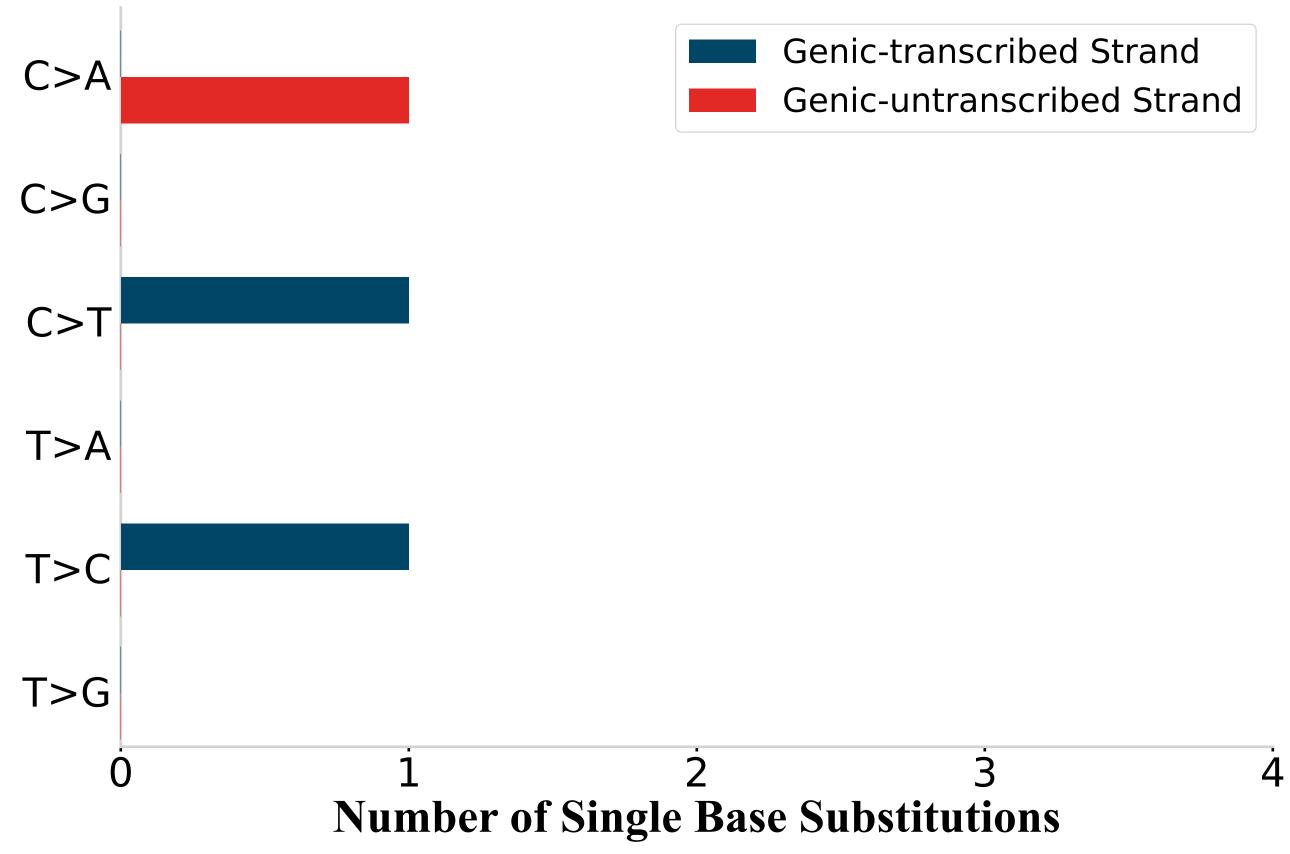


Number of Single Base Substitutions

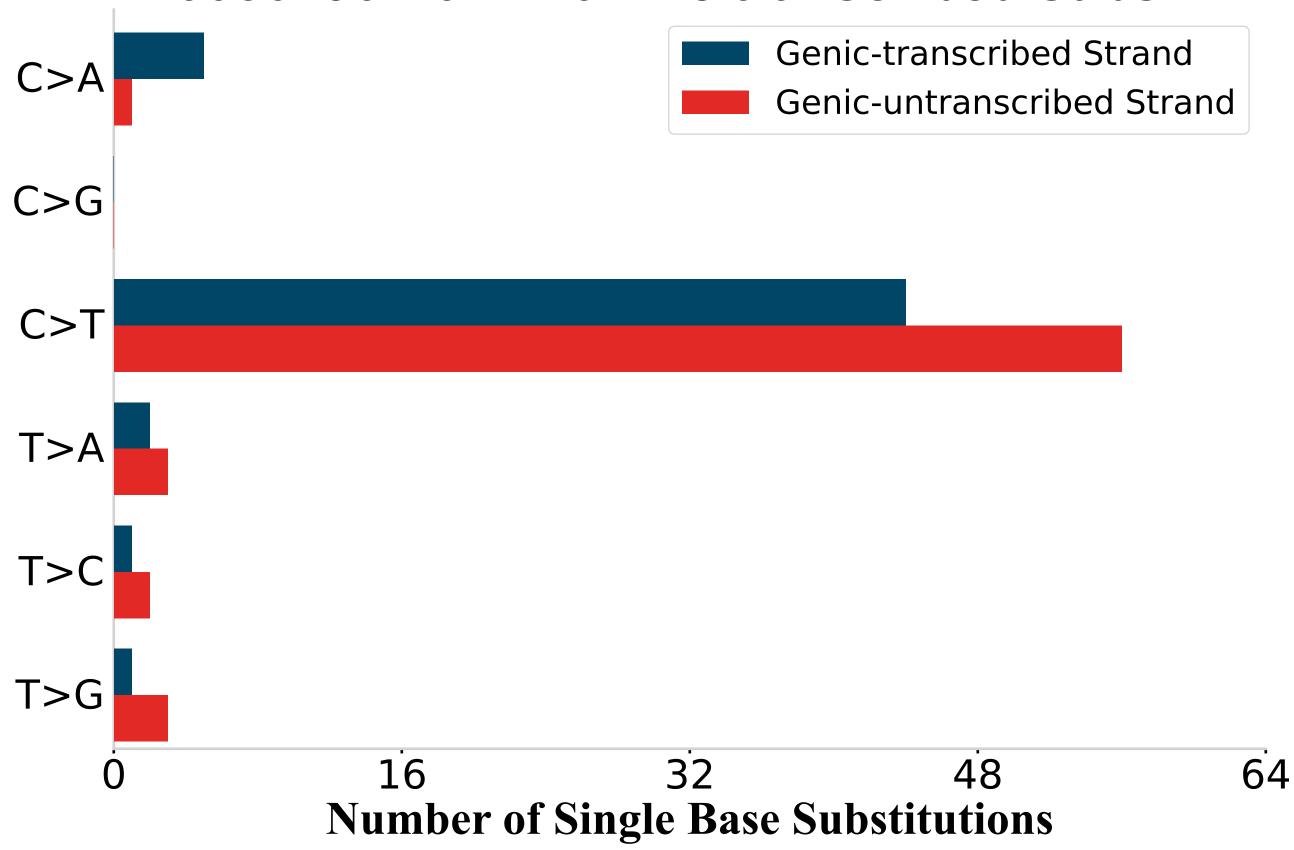
P-0030248-T01-IM6: 5 transcribed subs



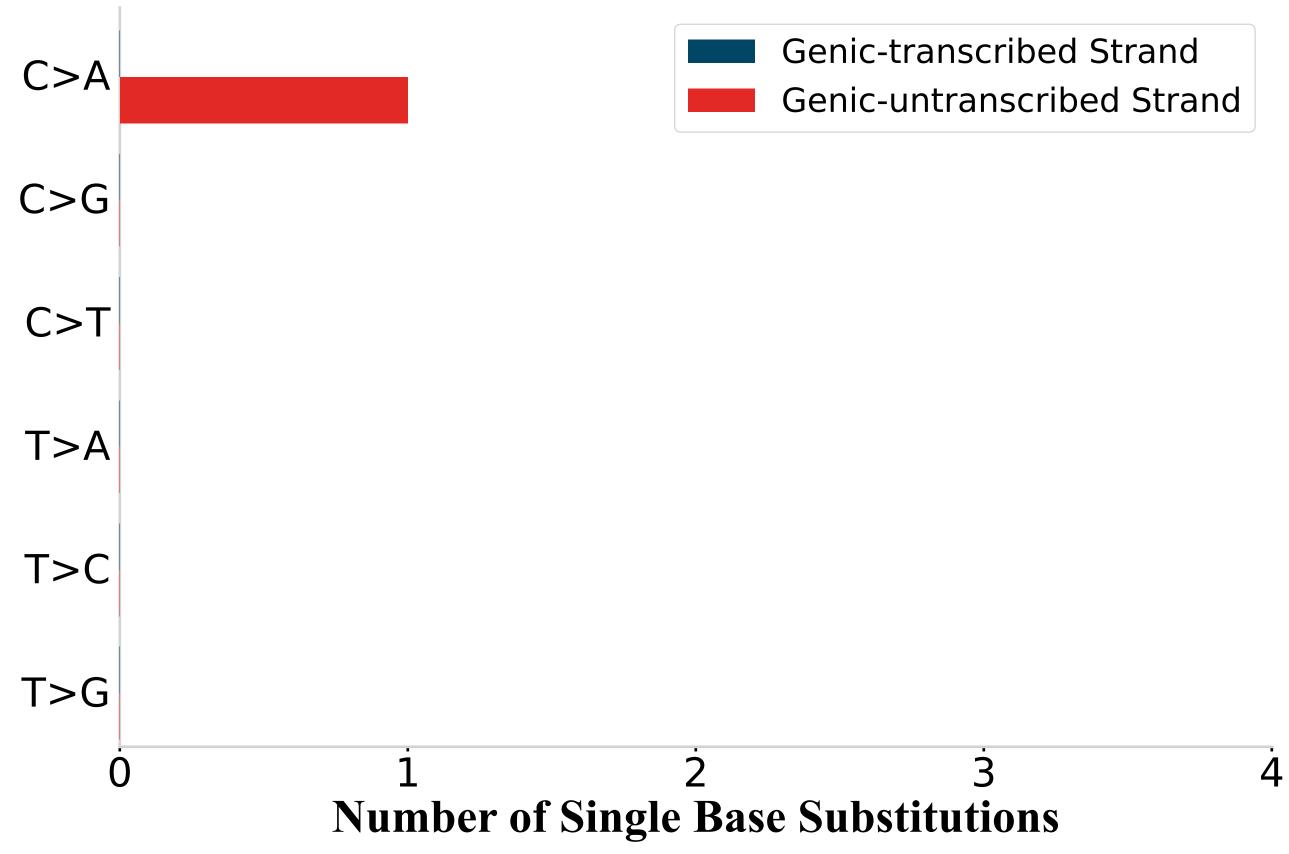
P-0030255-T01-IM6: 3 transcribed subs



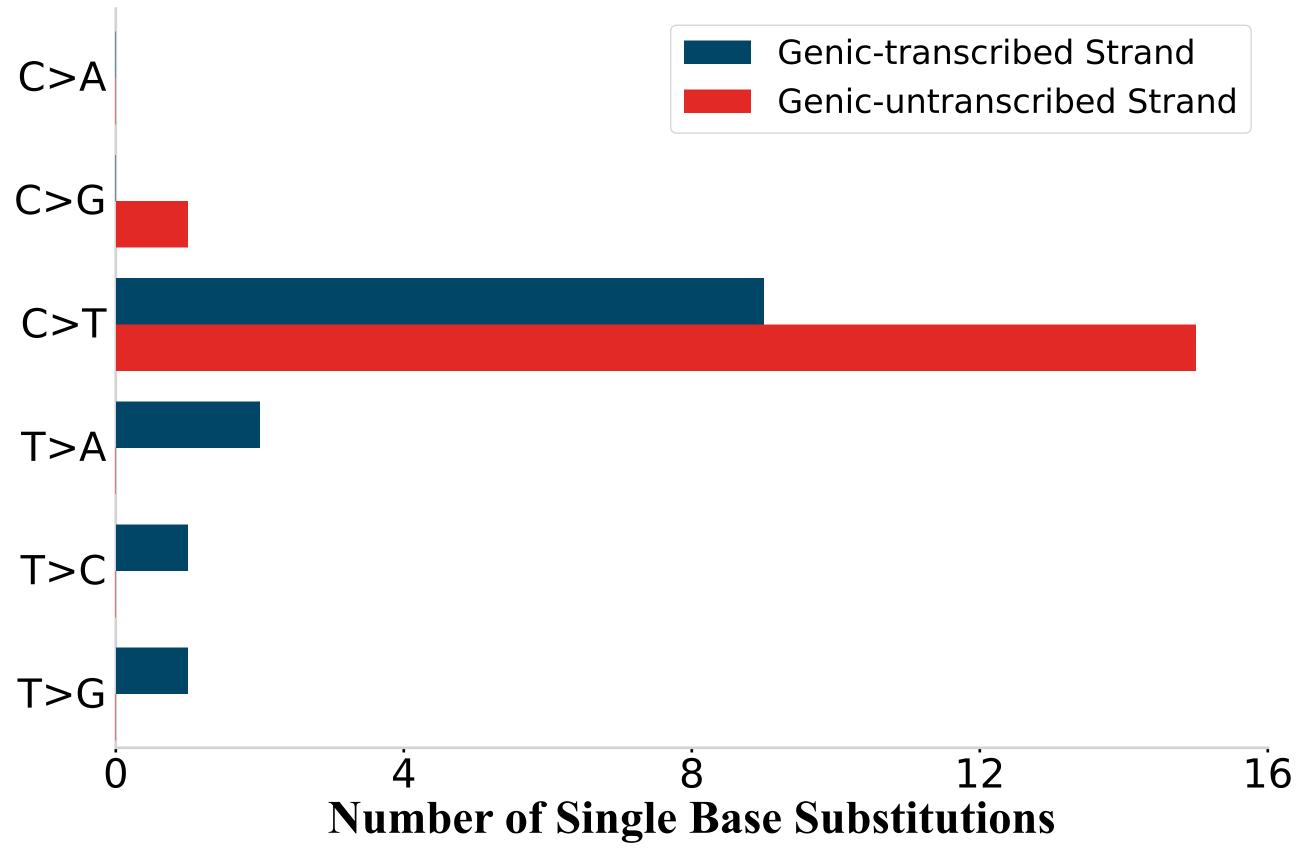
P-0030290-T01-IM6: 118 transcribed subs



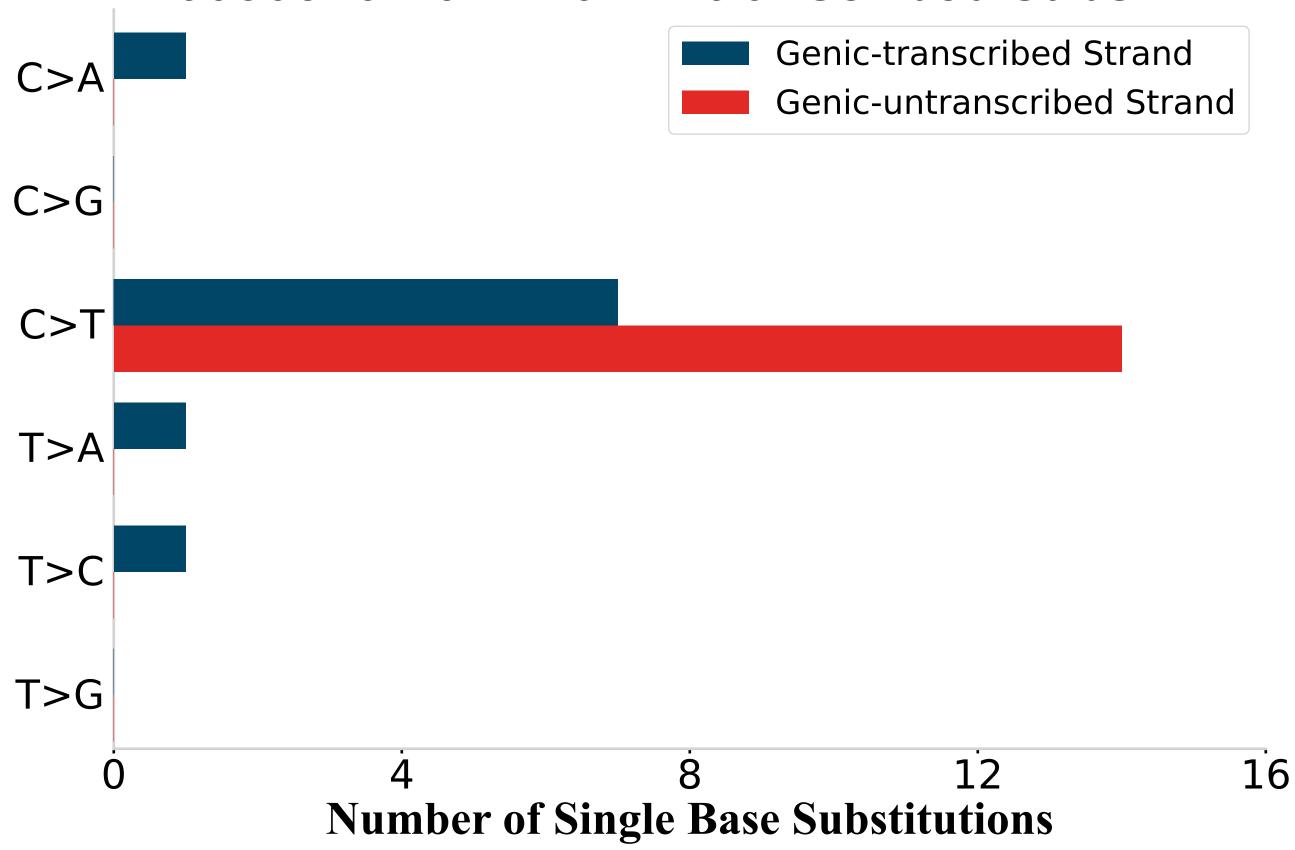
P-0030388-T01-IM6: 1 transcribed subs



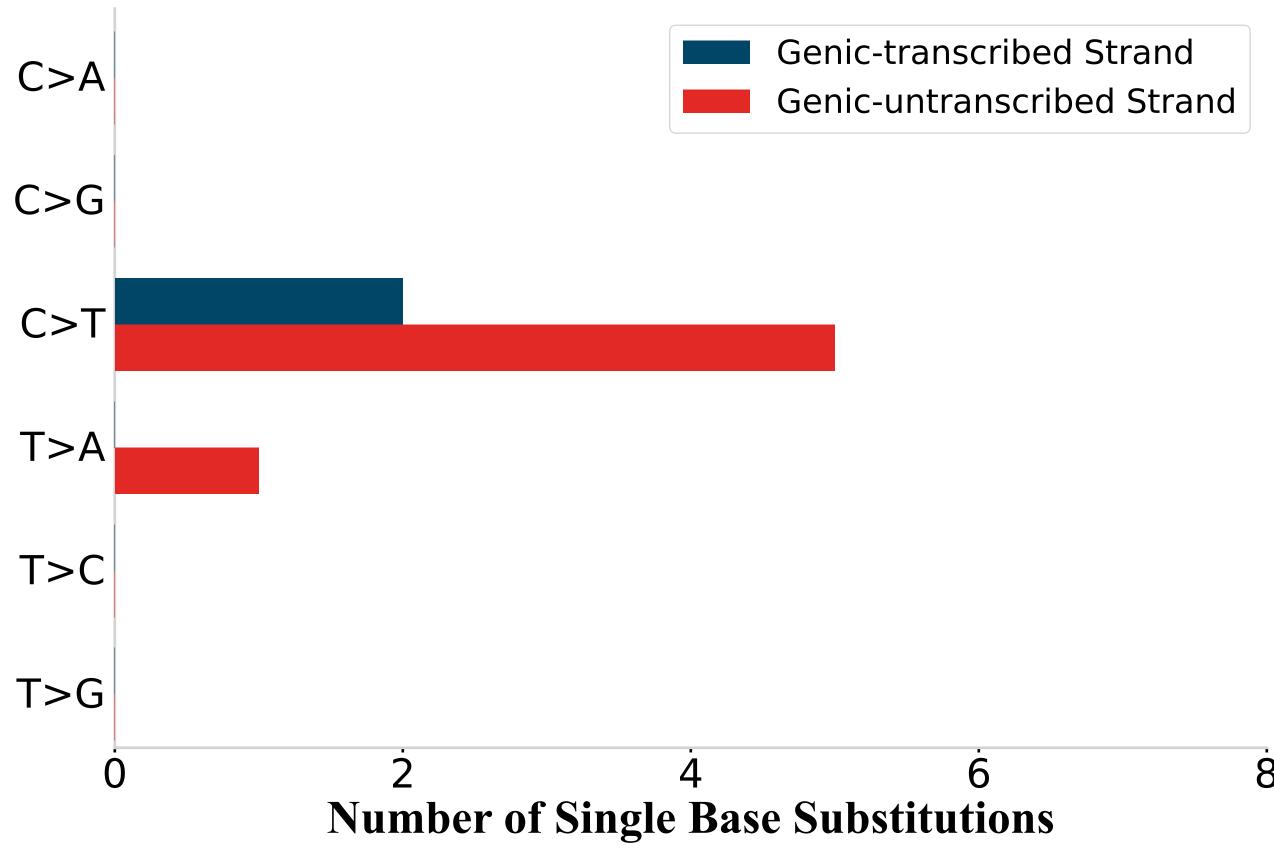
P-0030475-T01-IM6: 29 transcribed subs



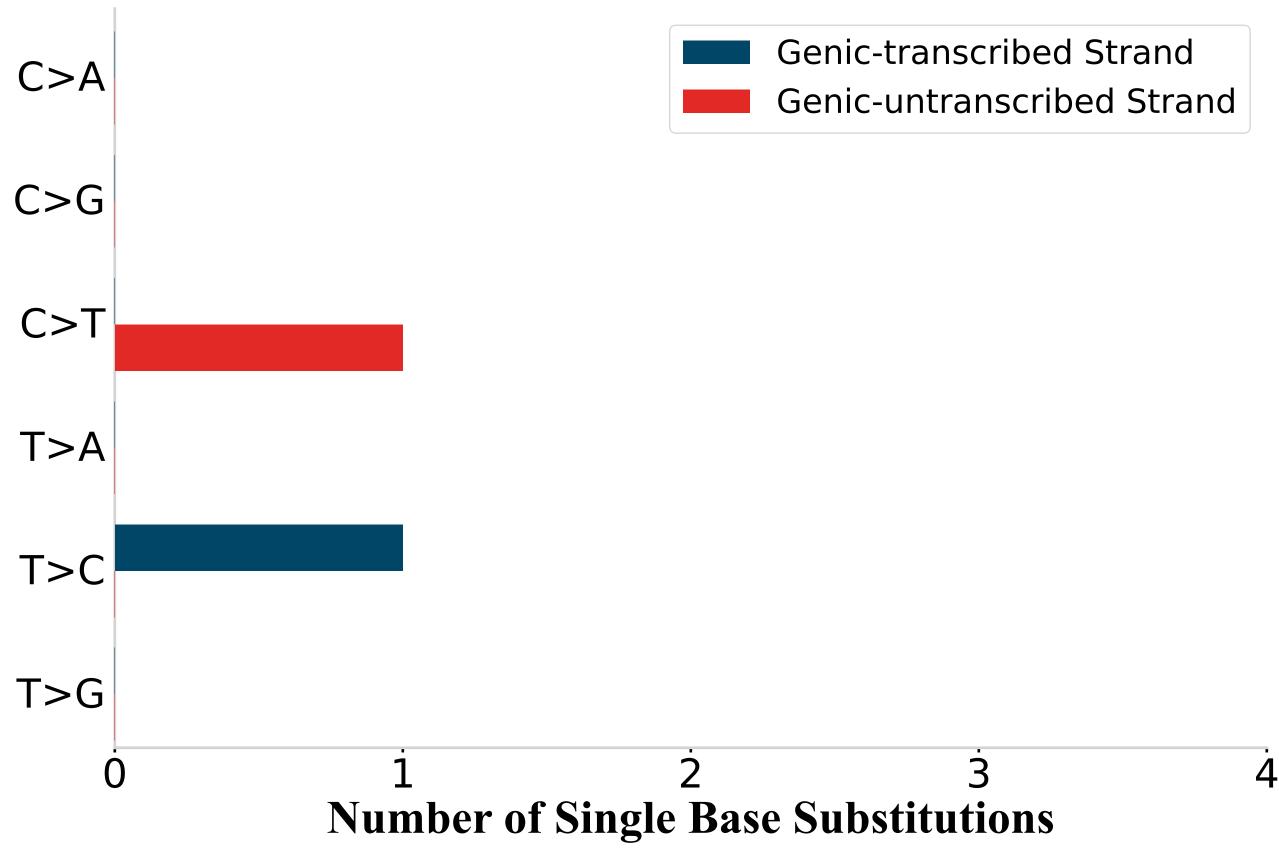
P-0030546-T01-IM6: 24 transcribed subs



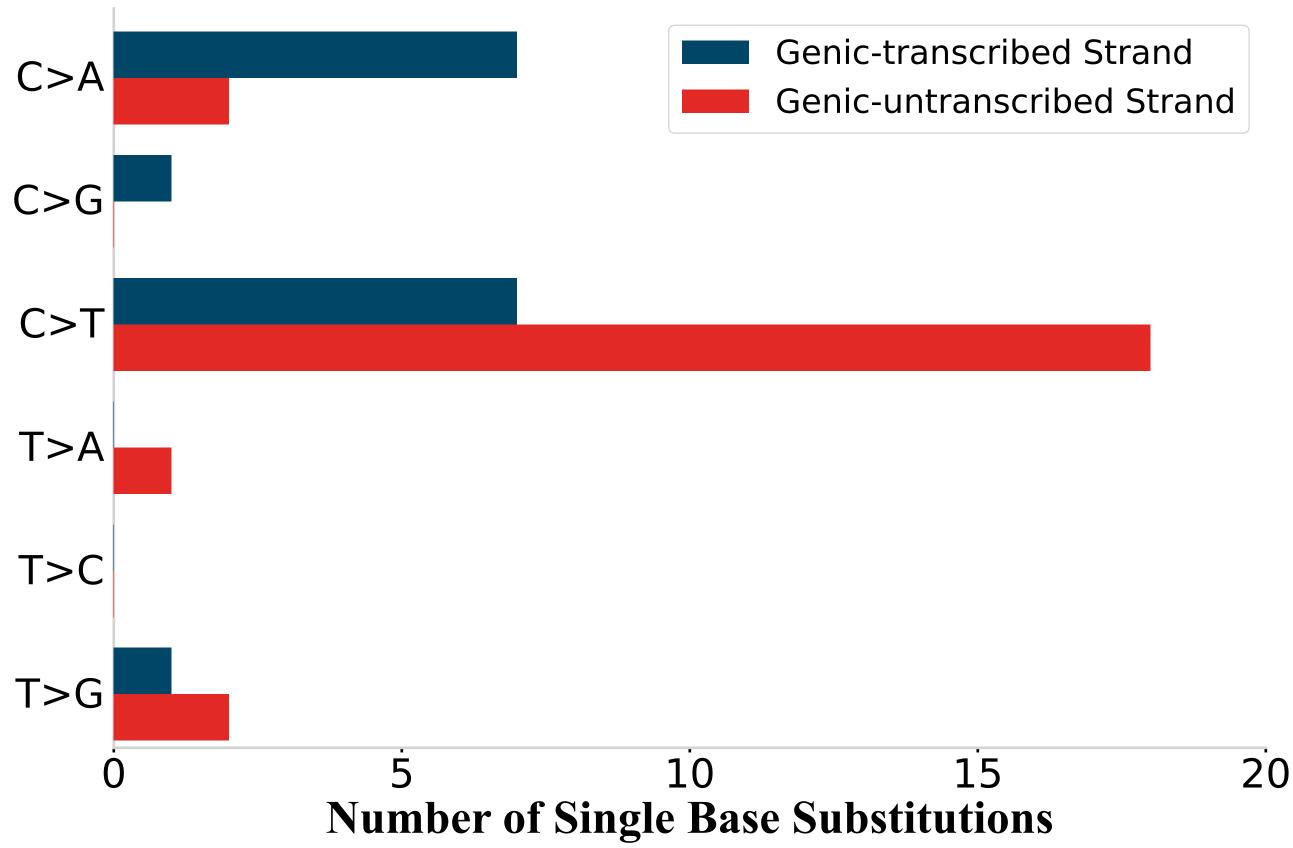
P-0030816-T01-IM6: 8 transcribed subs



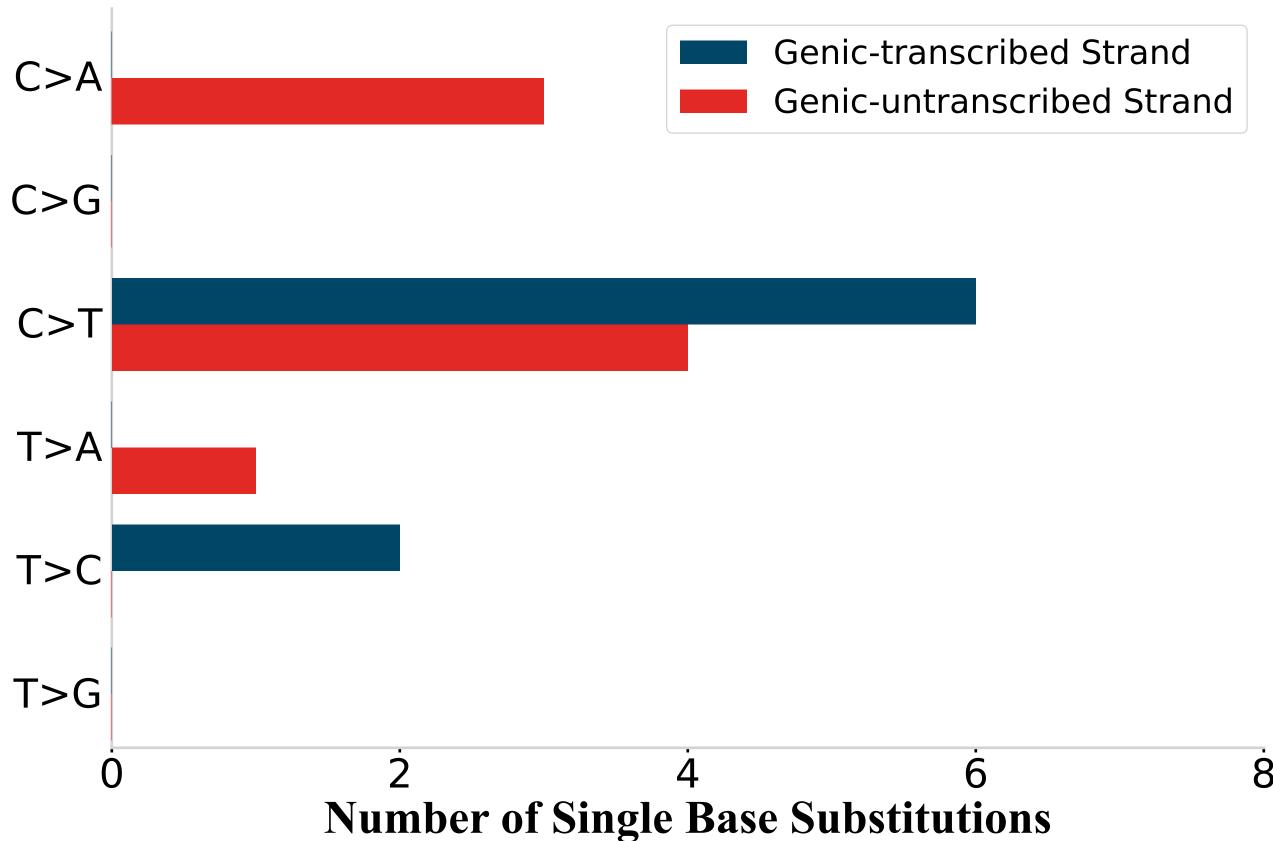
P-0030878-T01-IM6: 2 transcribed subs



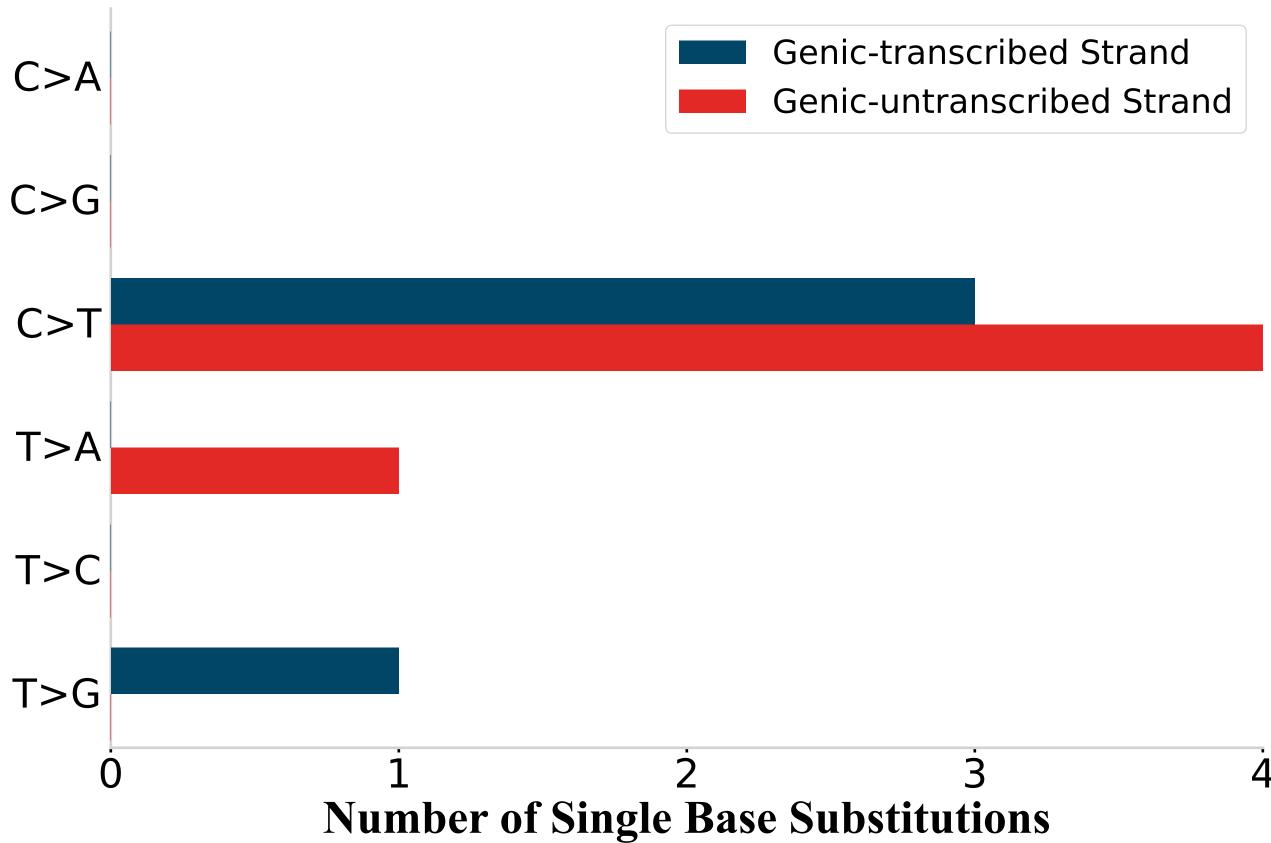
P-0030903-T01-IM6: 39 transcribed subs



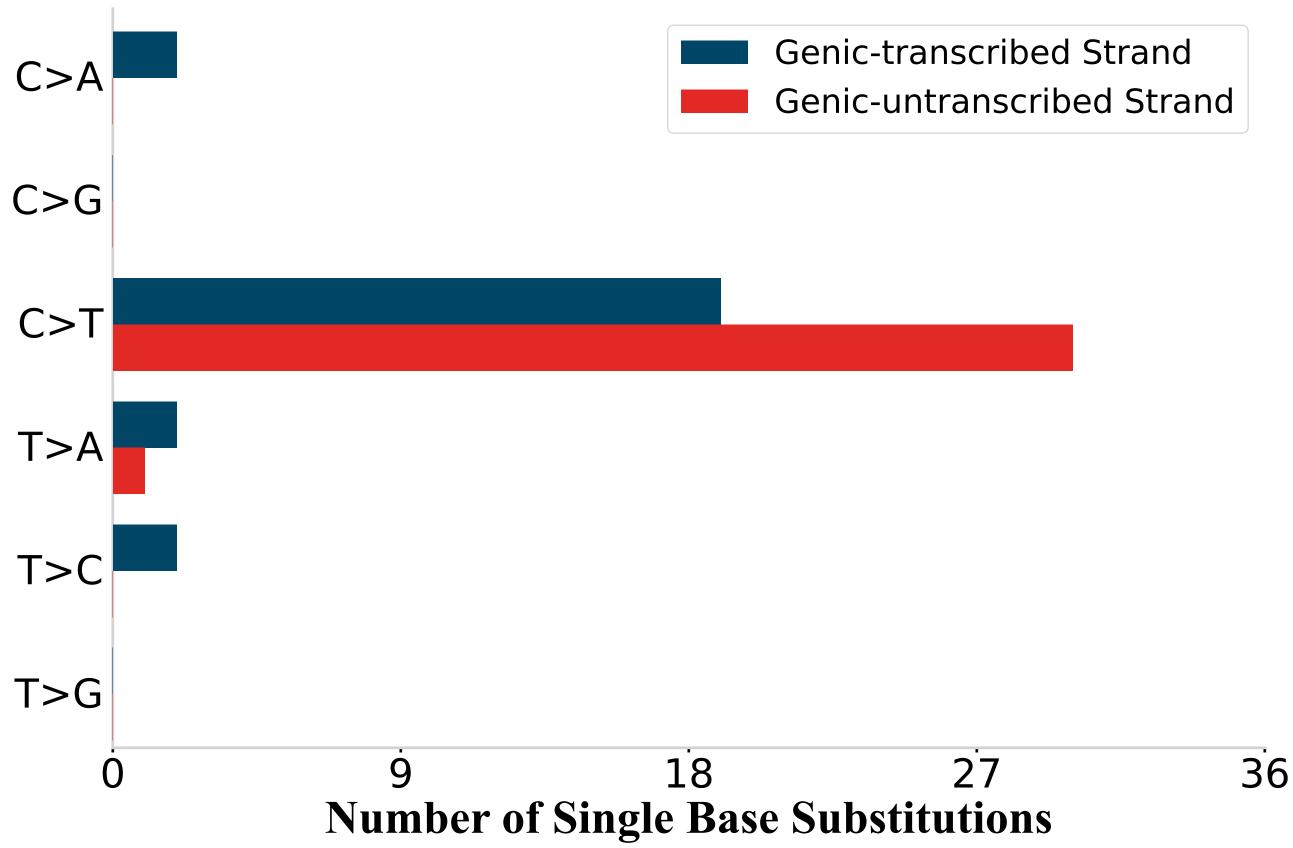
P-0030939-T01-IM6: 16 transcribed subs



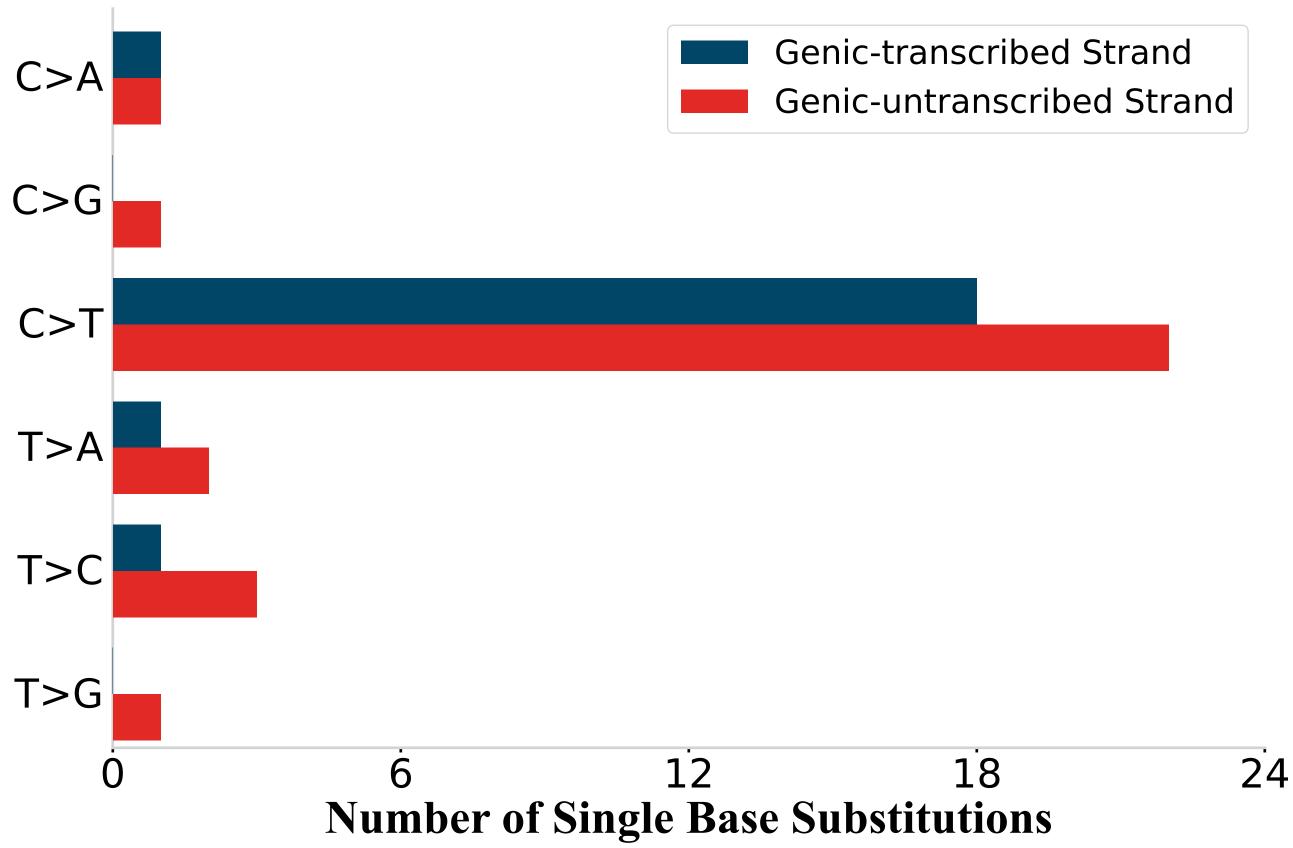
P-0031177-T01-IM6: 9 transcribed subs



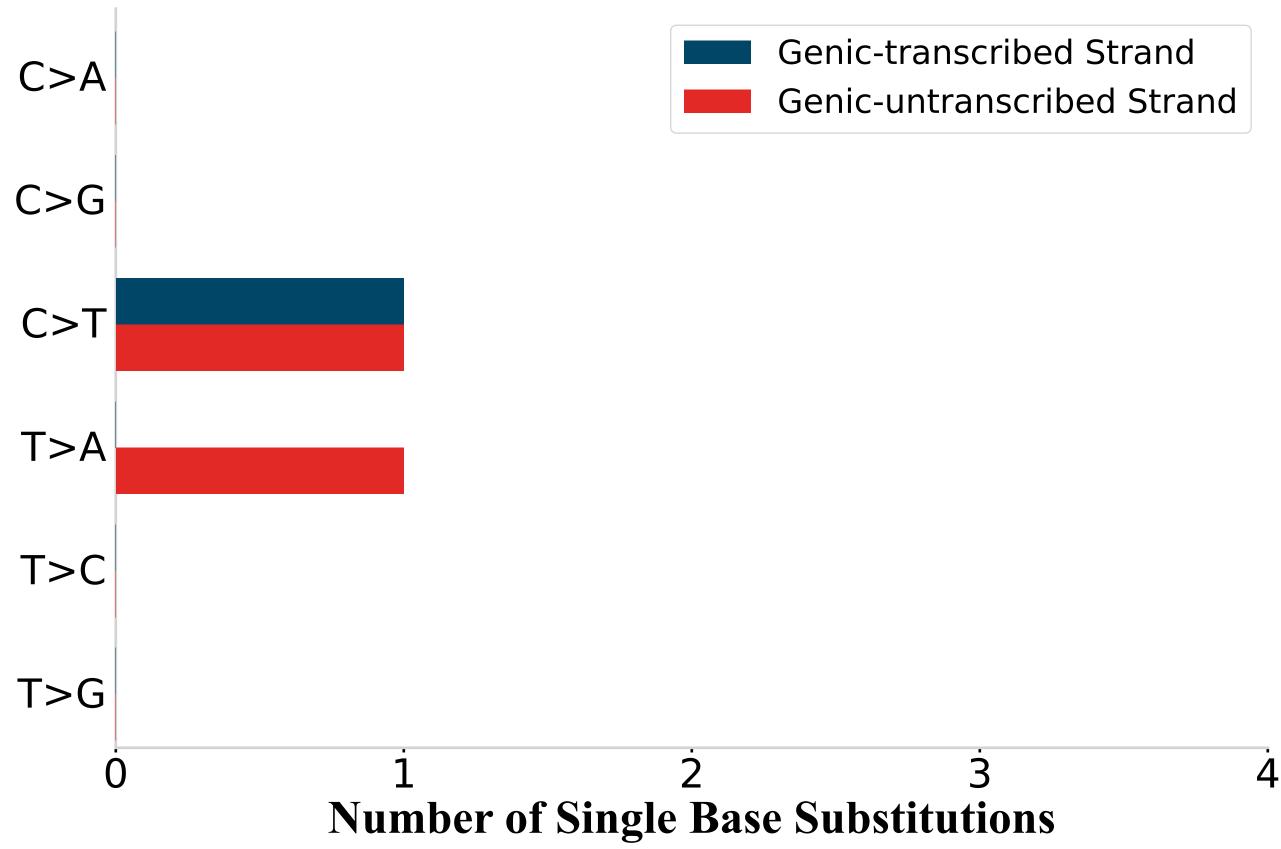
P-0031286-T03-IM6: 56 transcribed subs



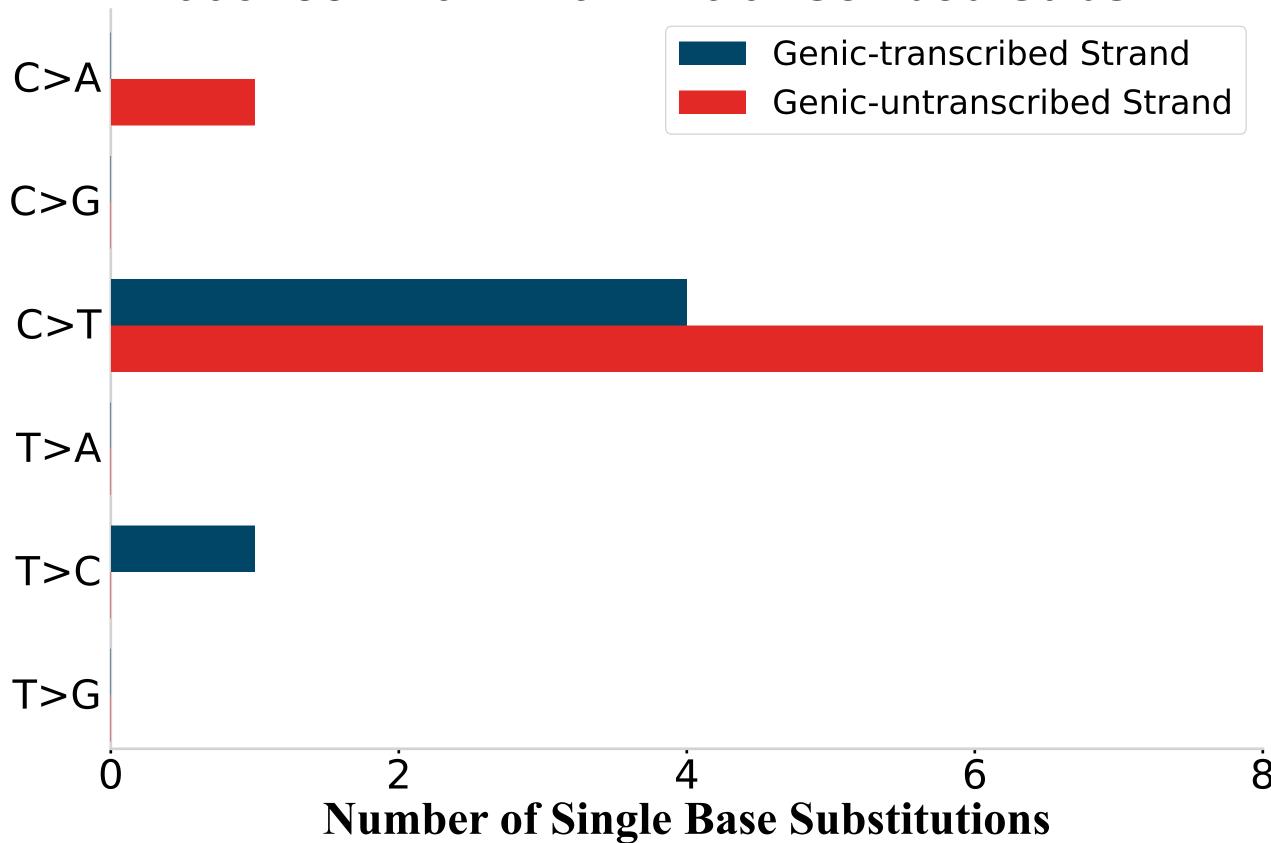
P-0031640-T01-IM6: 51 transcribed subs



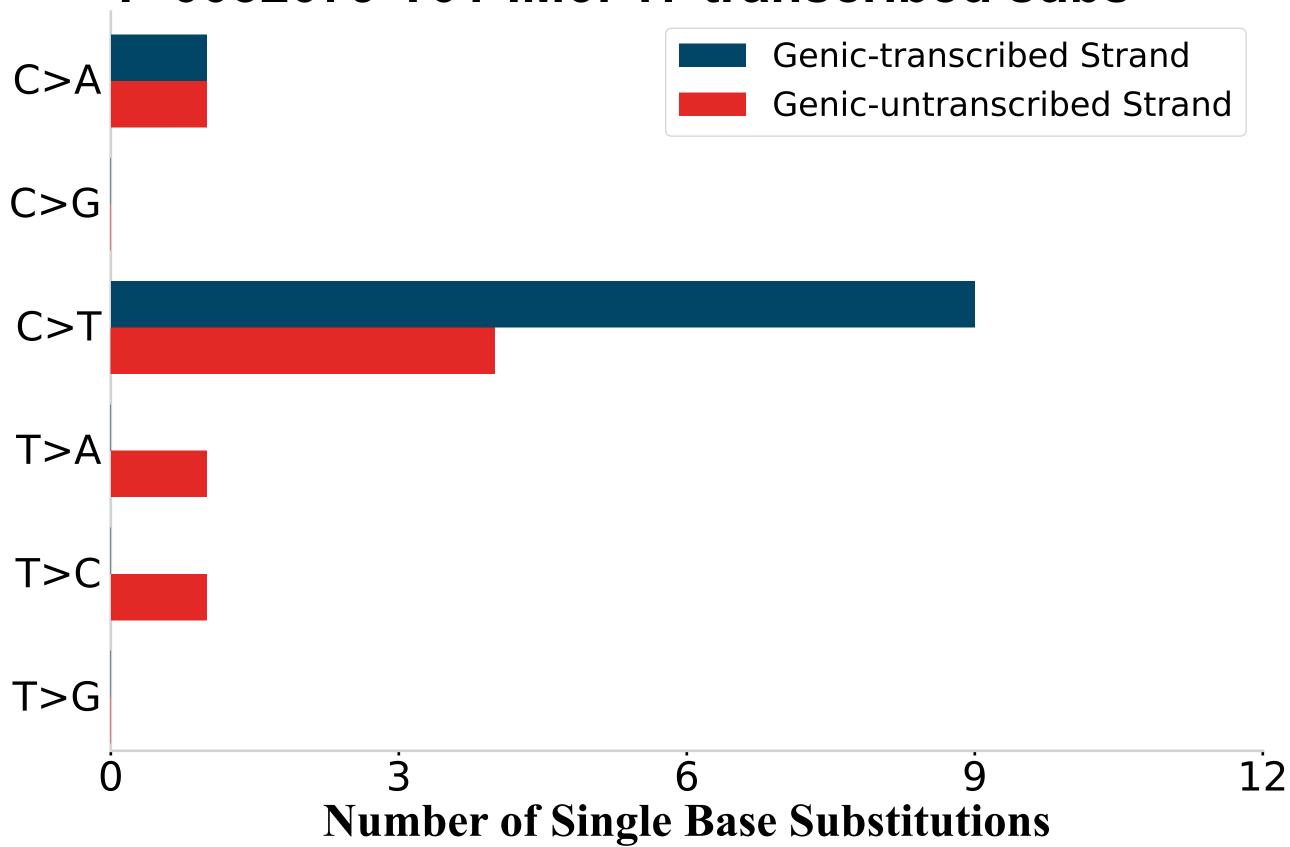
P-0031794-T01-IM6: 3 transcribed subs



P-0031887-T01-IM6: 14 transcribed subs

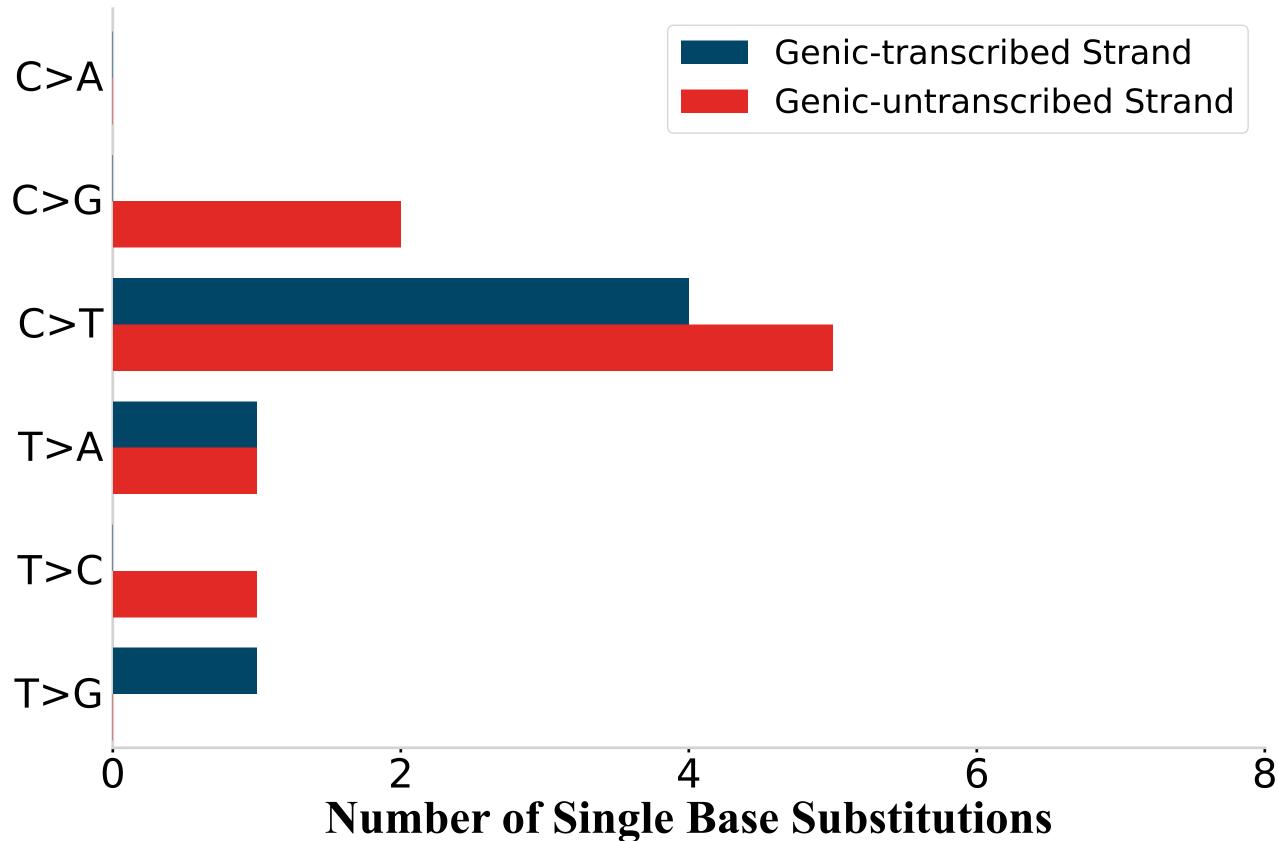


P-0032079-T01-IM6: 17 transcribed subs

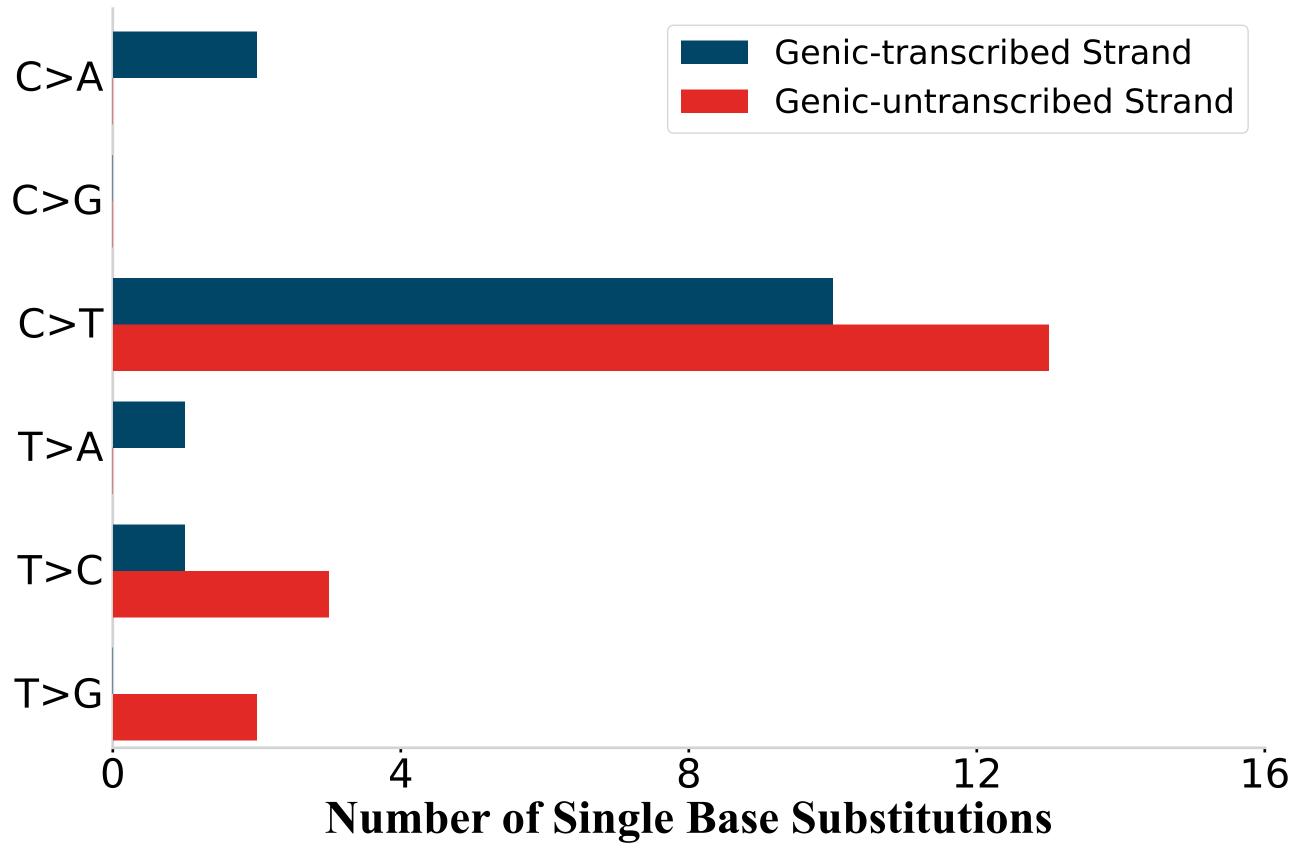


P-0032185-T01-IM6: 62 transcribed subs Genic-transcribed Strand C>A Genic-untranscribed Strand C>T T>A T>C T>G 22 33 11 44 **Number of Single Base Substitutions**

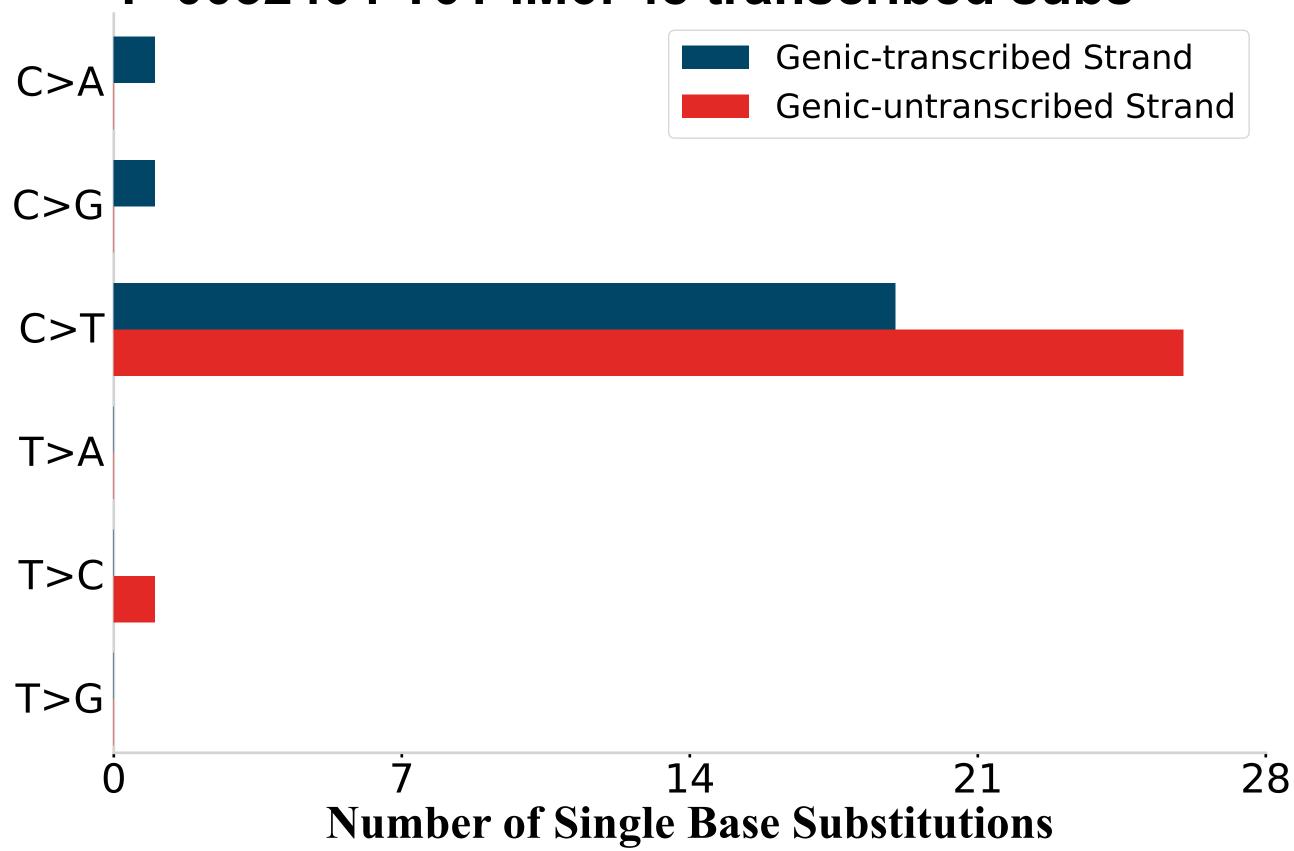
P-0032392-T01-IM6: 15 transcribed subs



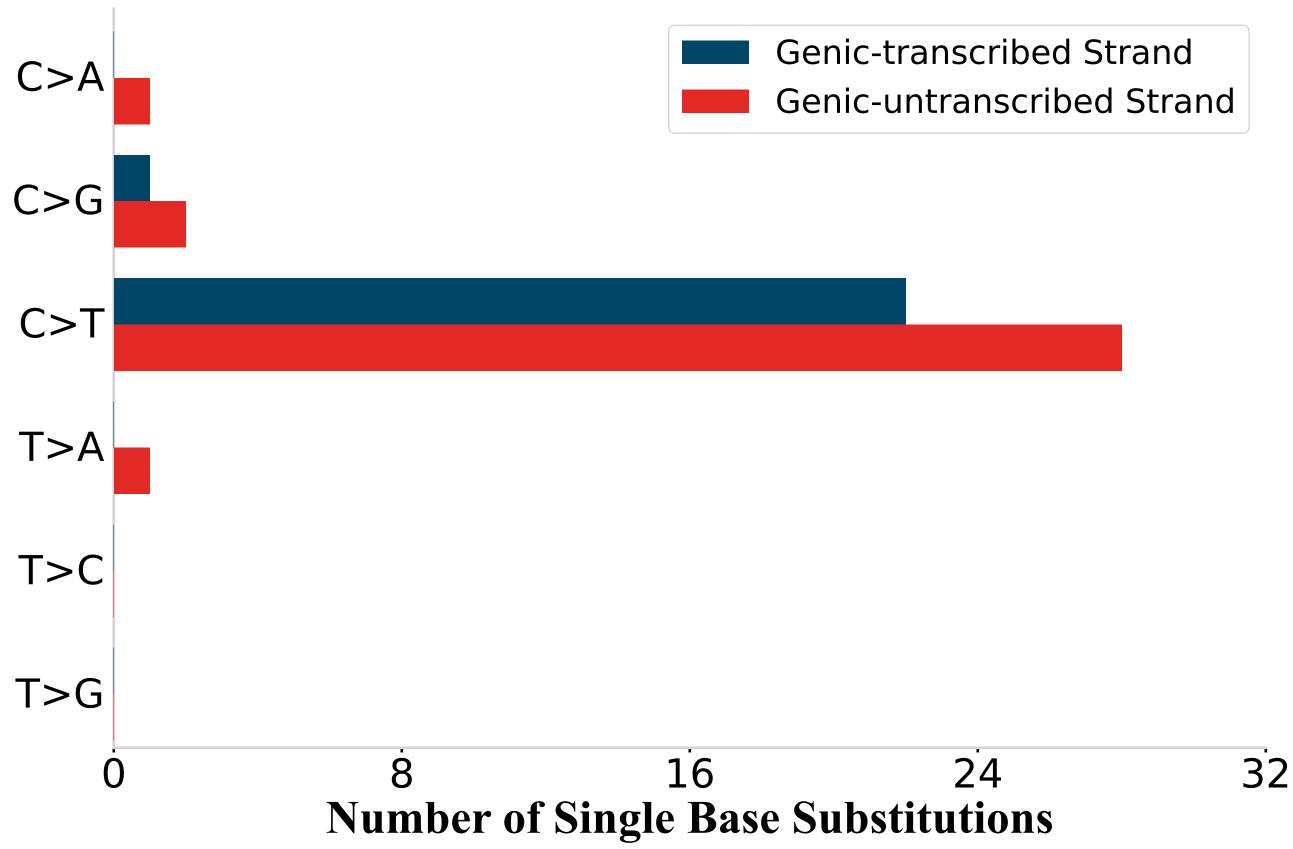
P-0032398-T01-IM6: 32 transcribed subs



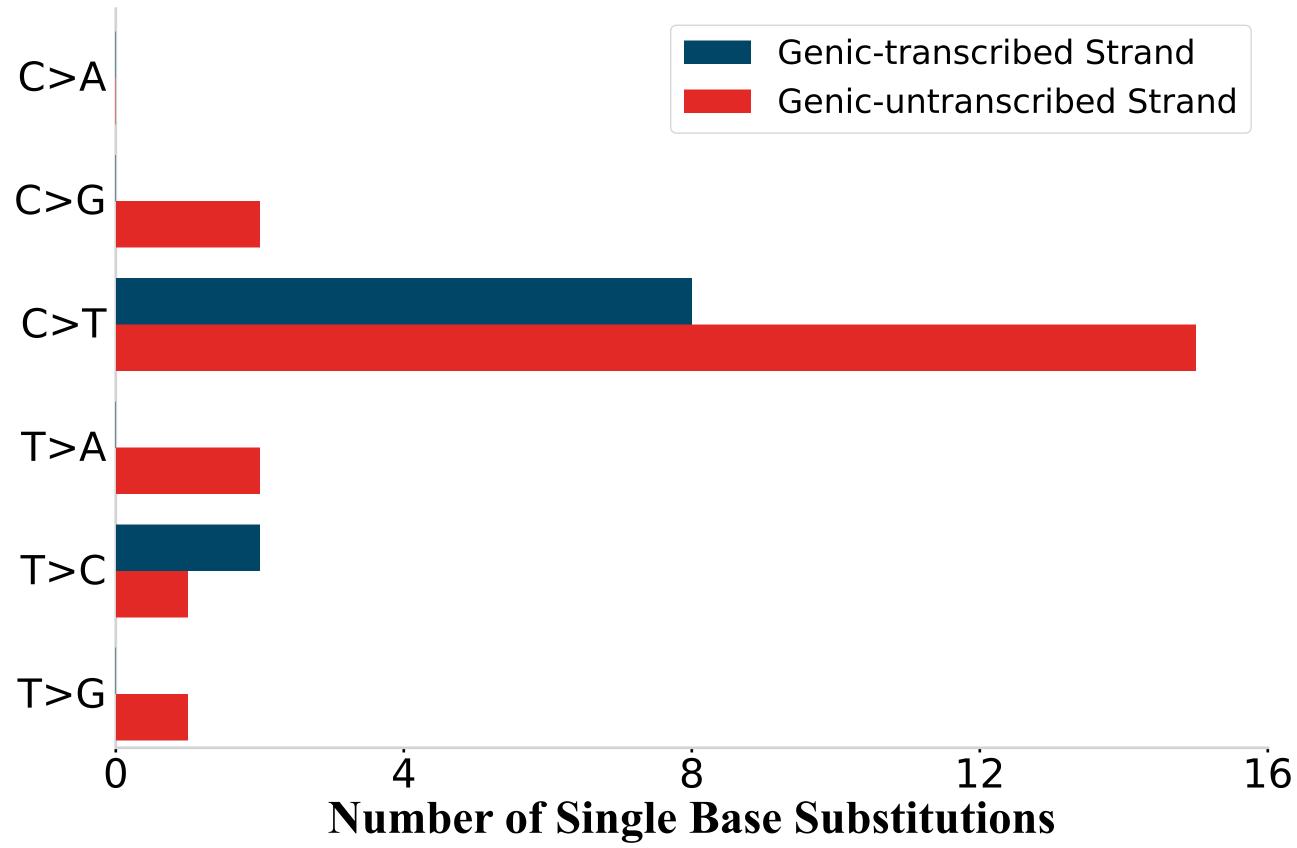
P-0032404-T01-IM6: 48 transcribed subs



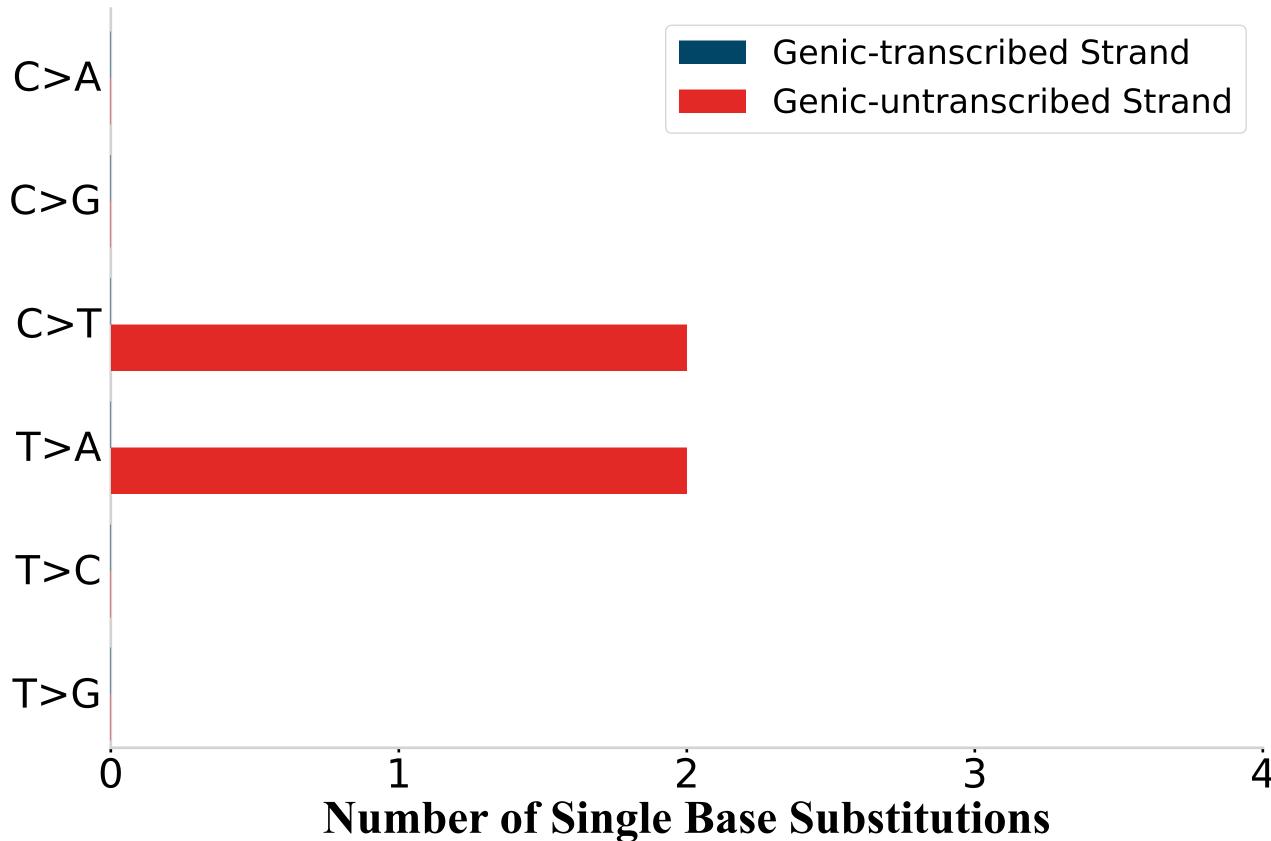
P-0032570-T01-IM6: 55 transcribed subs



P-0032586-T01-IM6: 31 transcribed subs



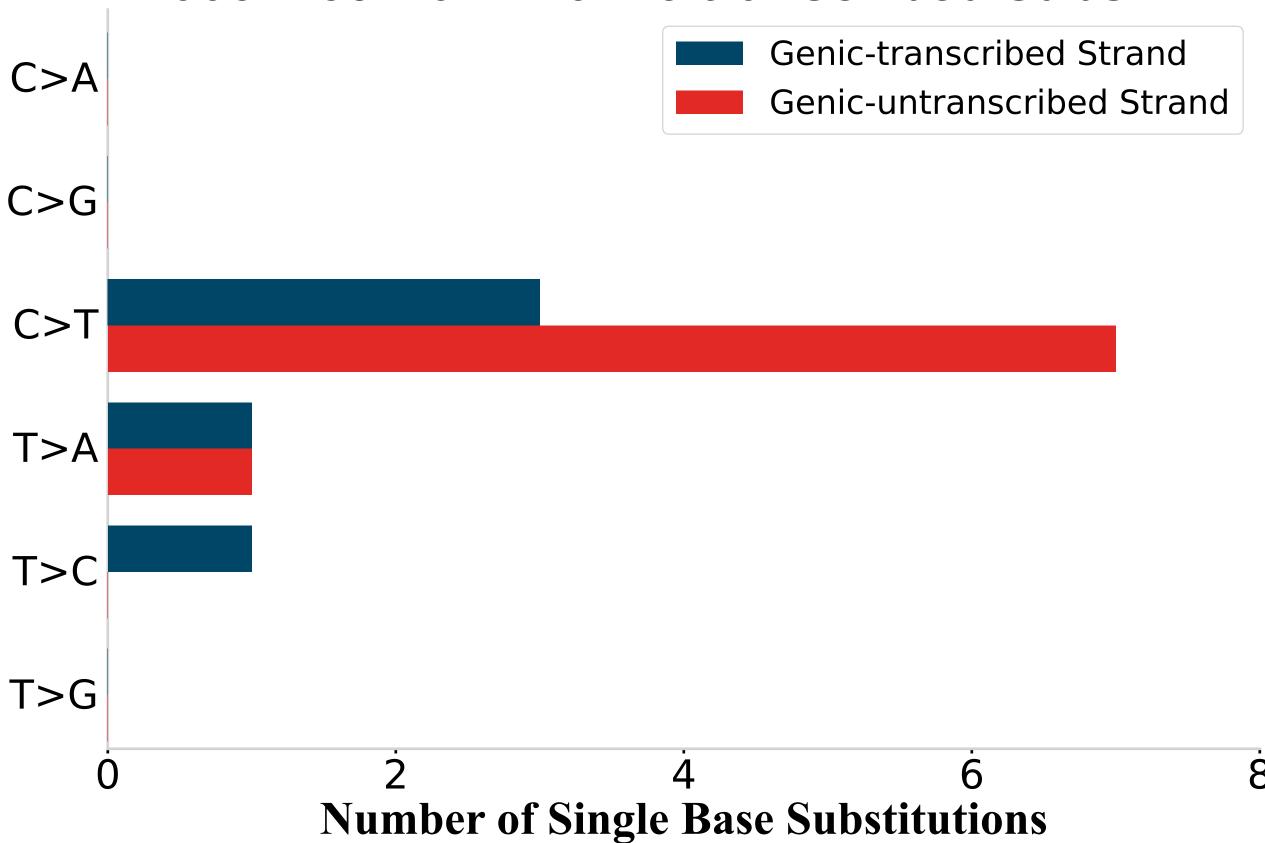
P-0032617-T01-IM6: 4 transcribed subs



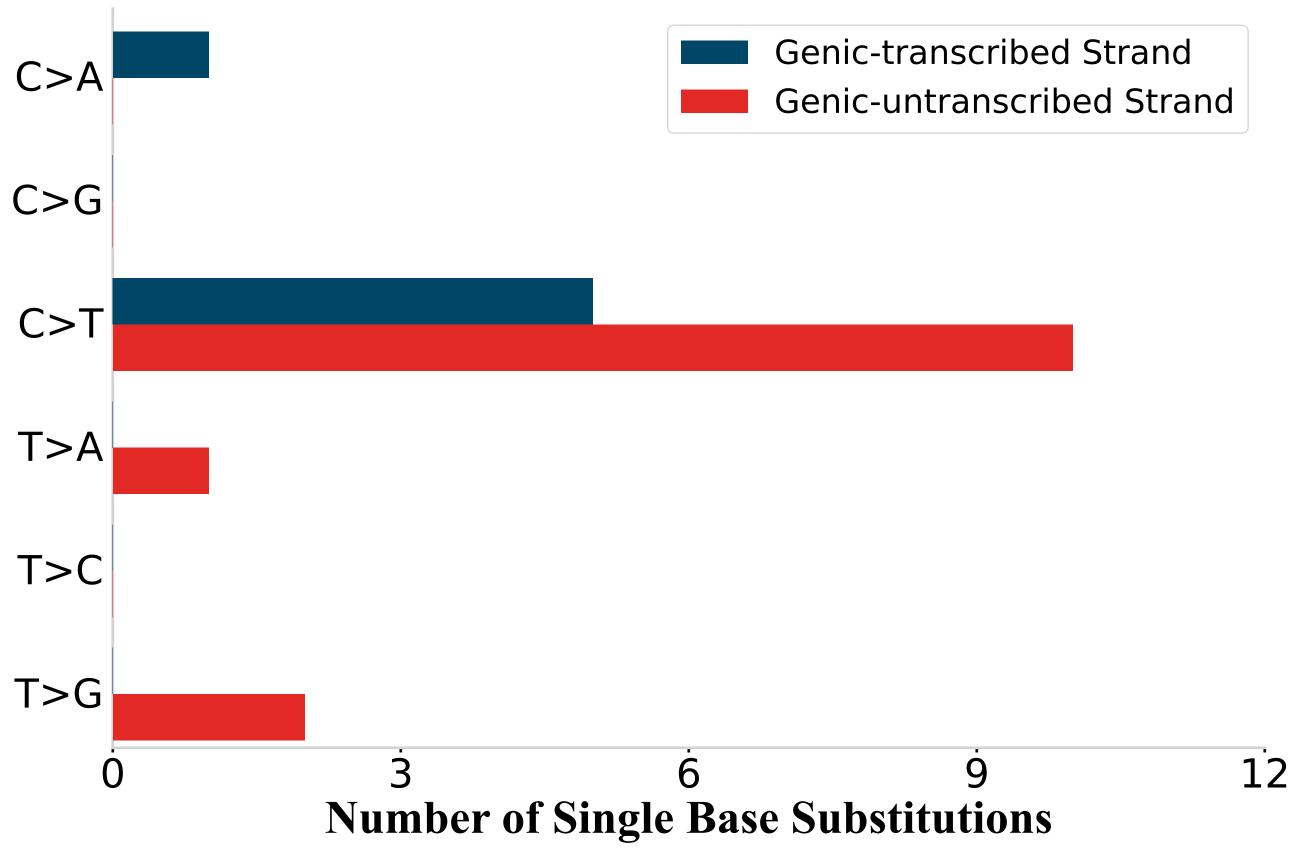
P-0032650-T01-IM6: 63 transcribed subs Genic-transcribed Strand C>A Genic-untranscribed Strand C>G C>T T>A T>C T>G 21 28 14 **Number of Single Base Substitutions**

P-0032691-T01-IM6: 233 transcribed subs Genic-transcribed Strand C>A Genic-untranscribed Strand C>T T>AT>G 31 93 62 124 **Number of Single Base Substitutions**

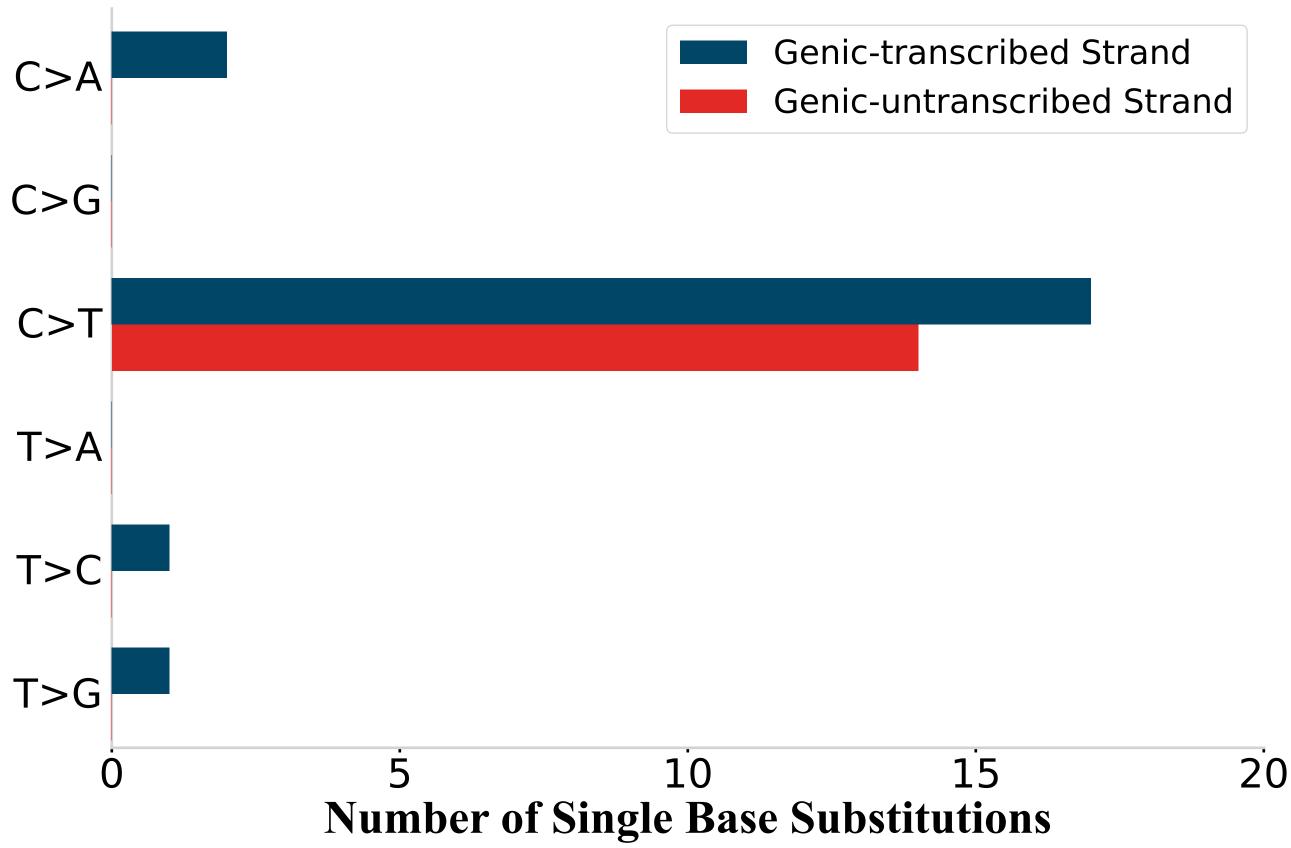
P-0032739-T01-IM6: 13 transcribed subs



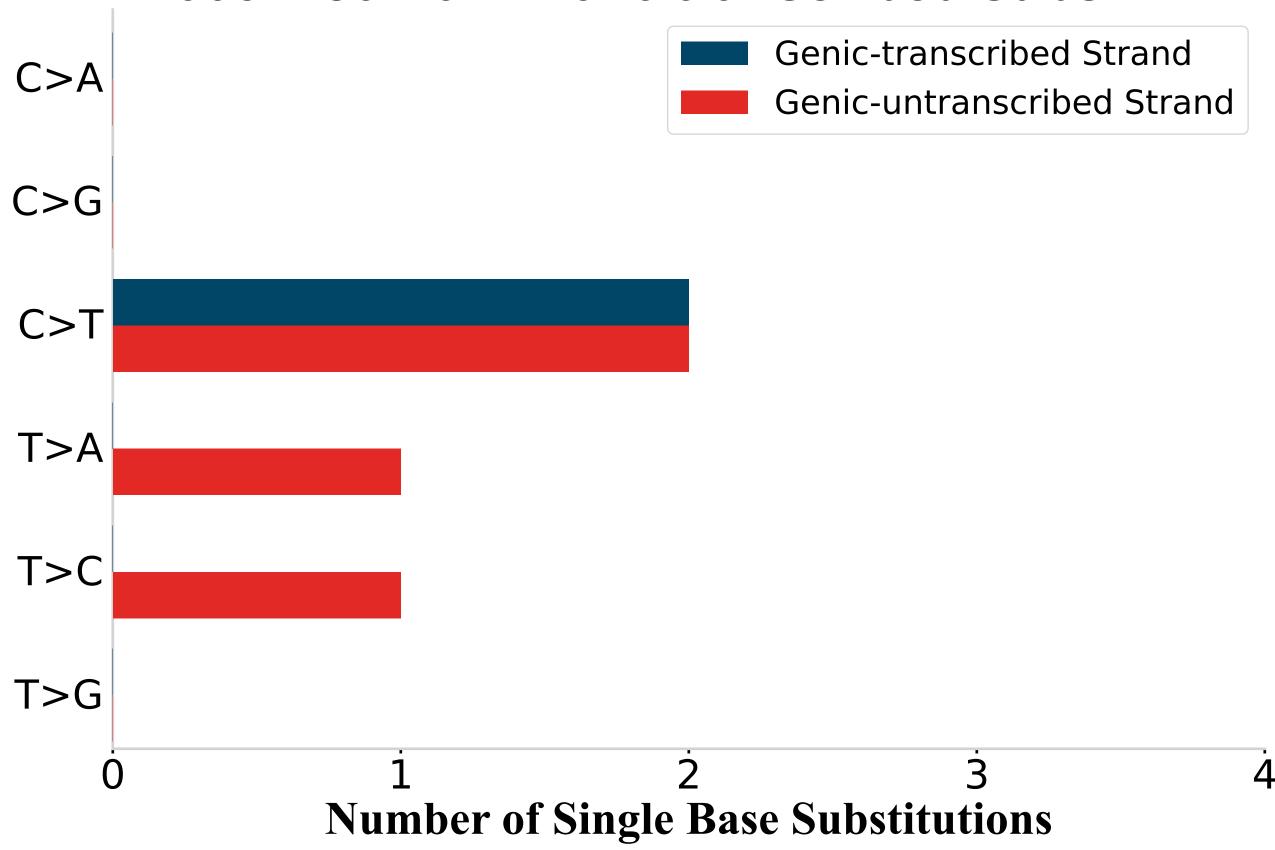
P-0032746-T01-IM6: 19 transcribed subs



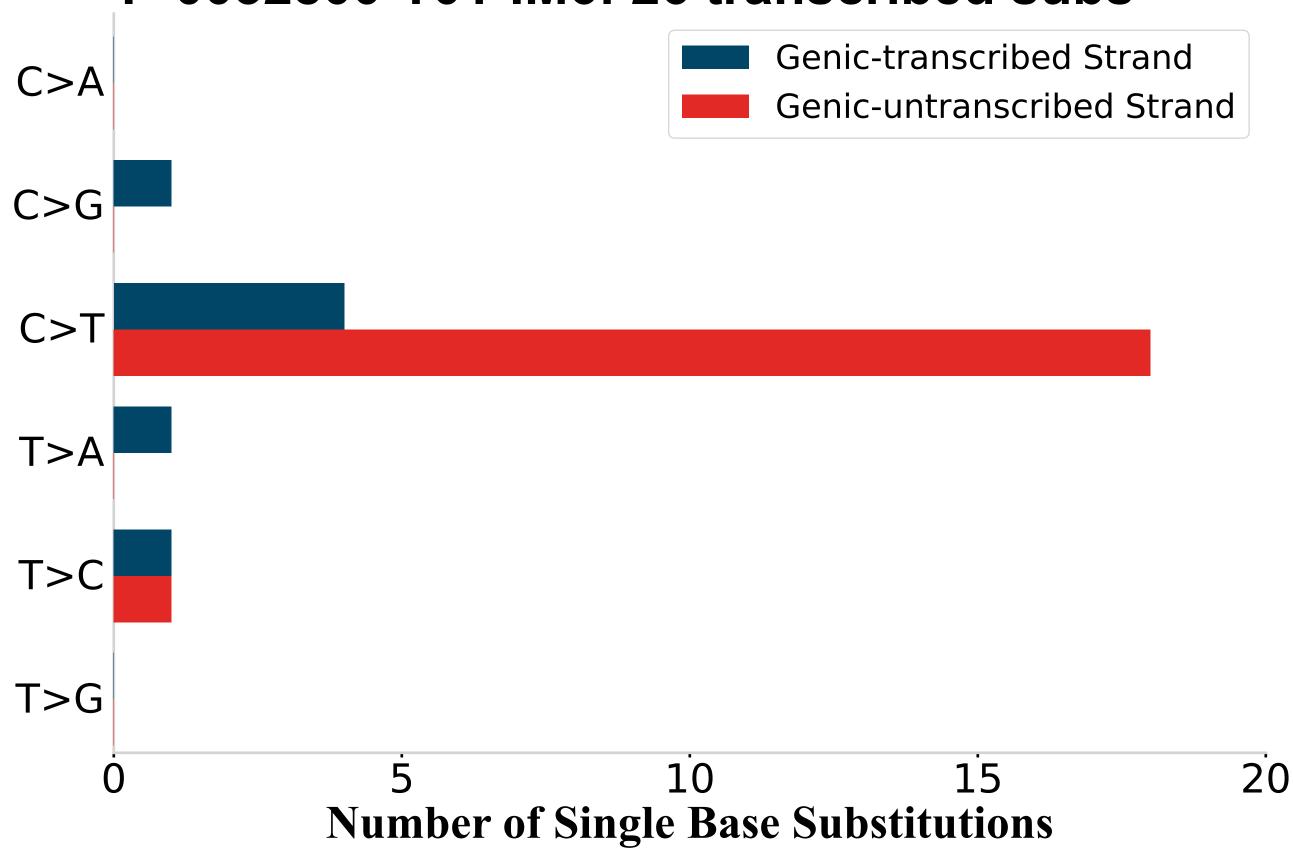
P-0032774-T02-IM6: 35 transcribed subs



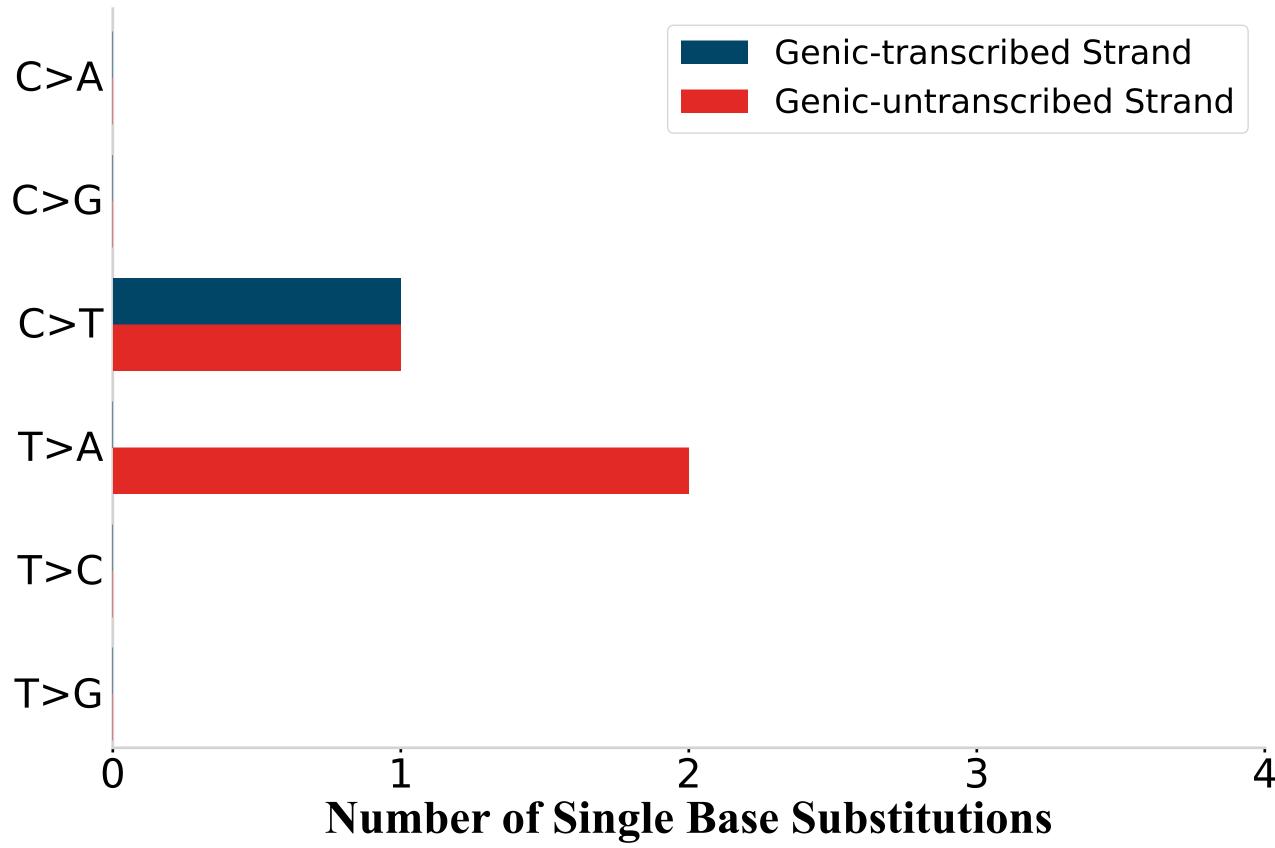
P-0032780-T01-IM6: 6 transcribed subs



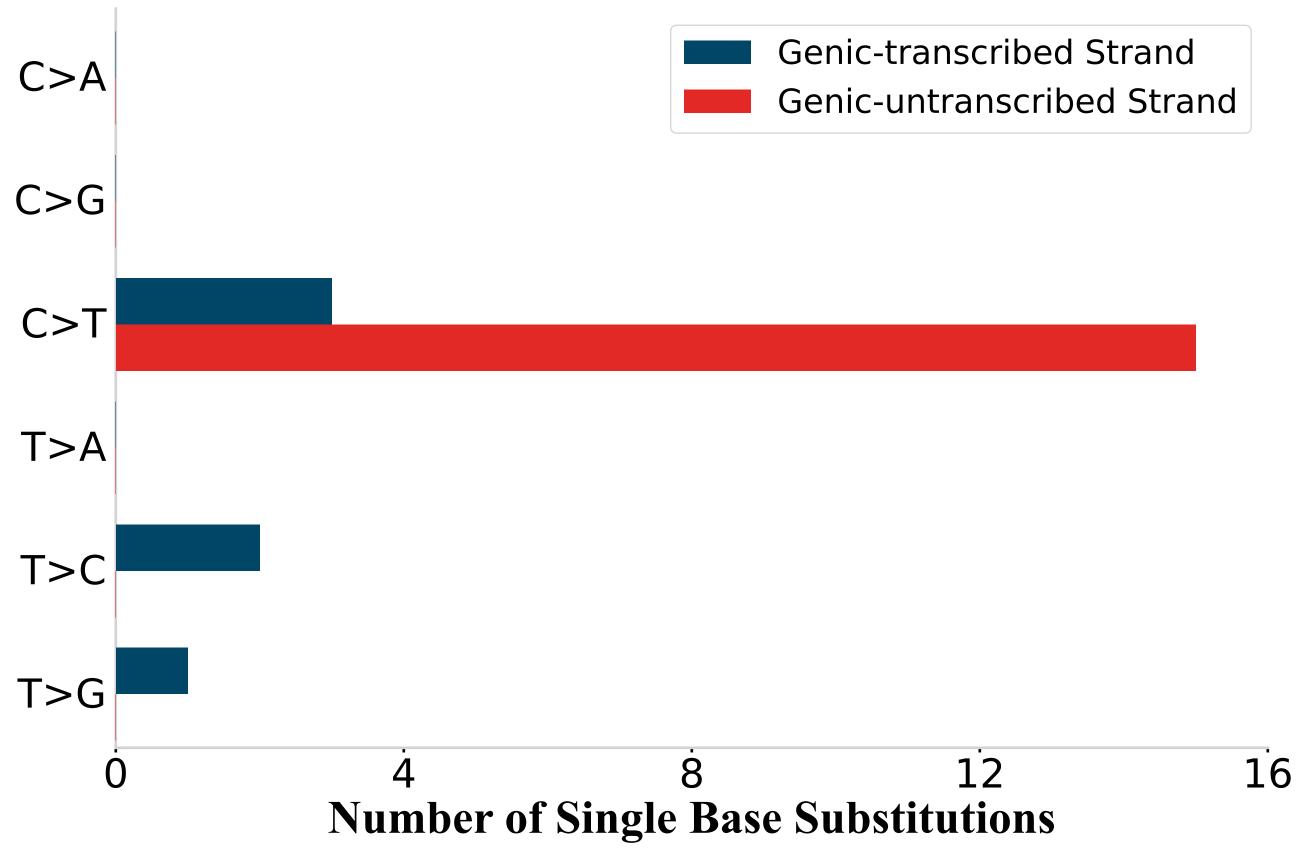
P-0032800-T01-IM6: 26 transcribed subs



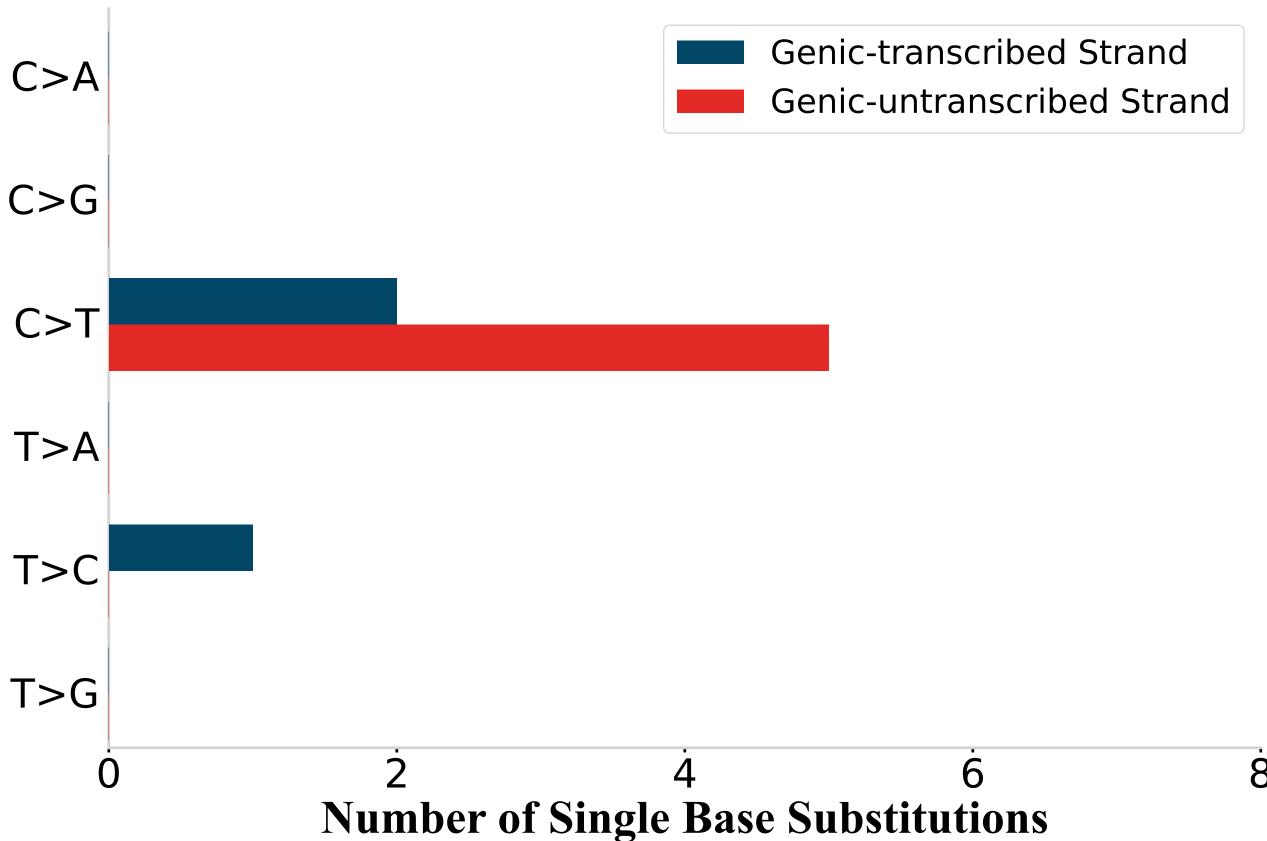
P-0032812-T01-IM6: 4 transcribed subs



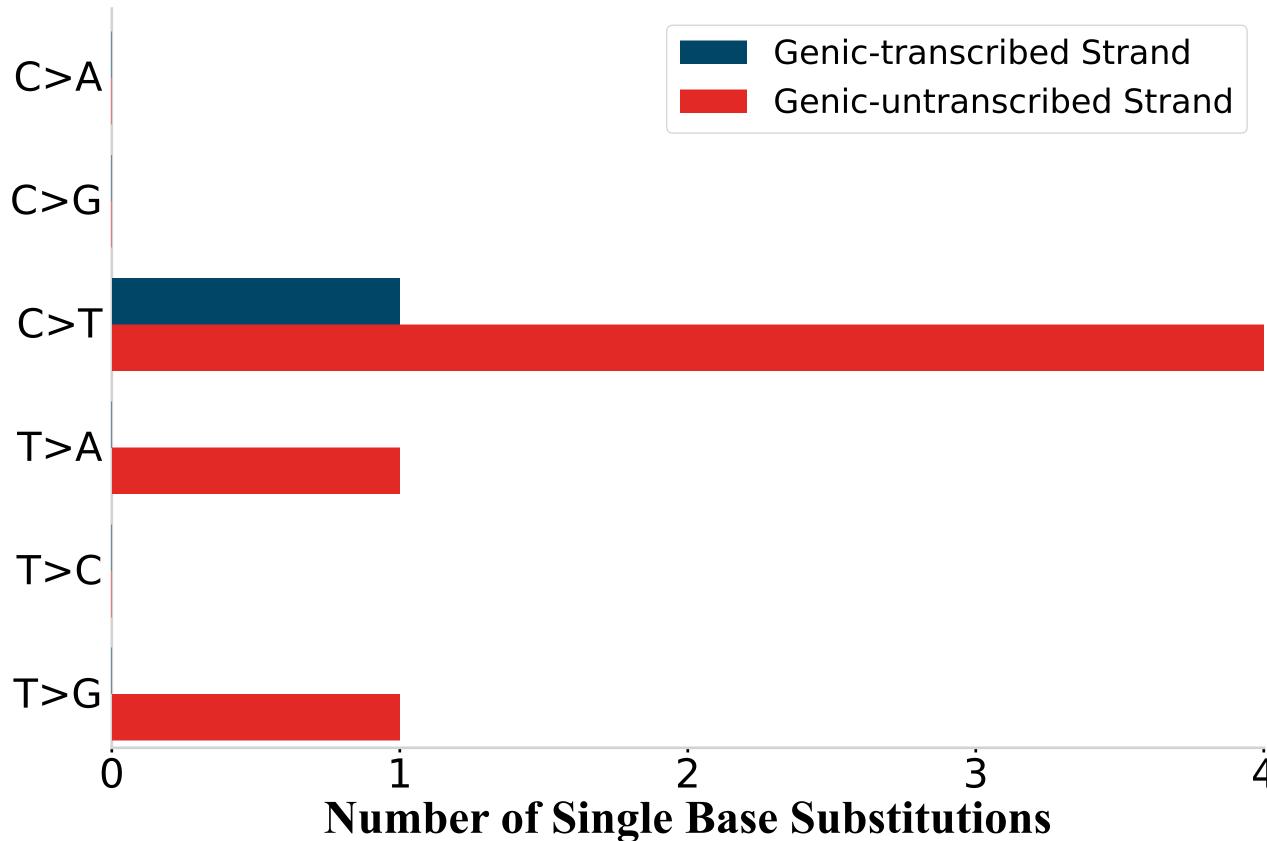
P-0032845-T01-IM6: 21 transcribed subs



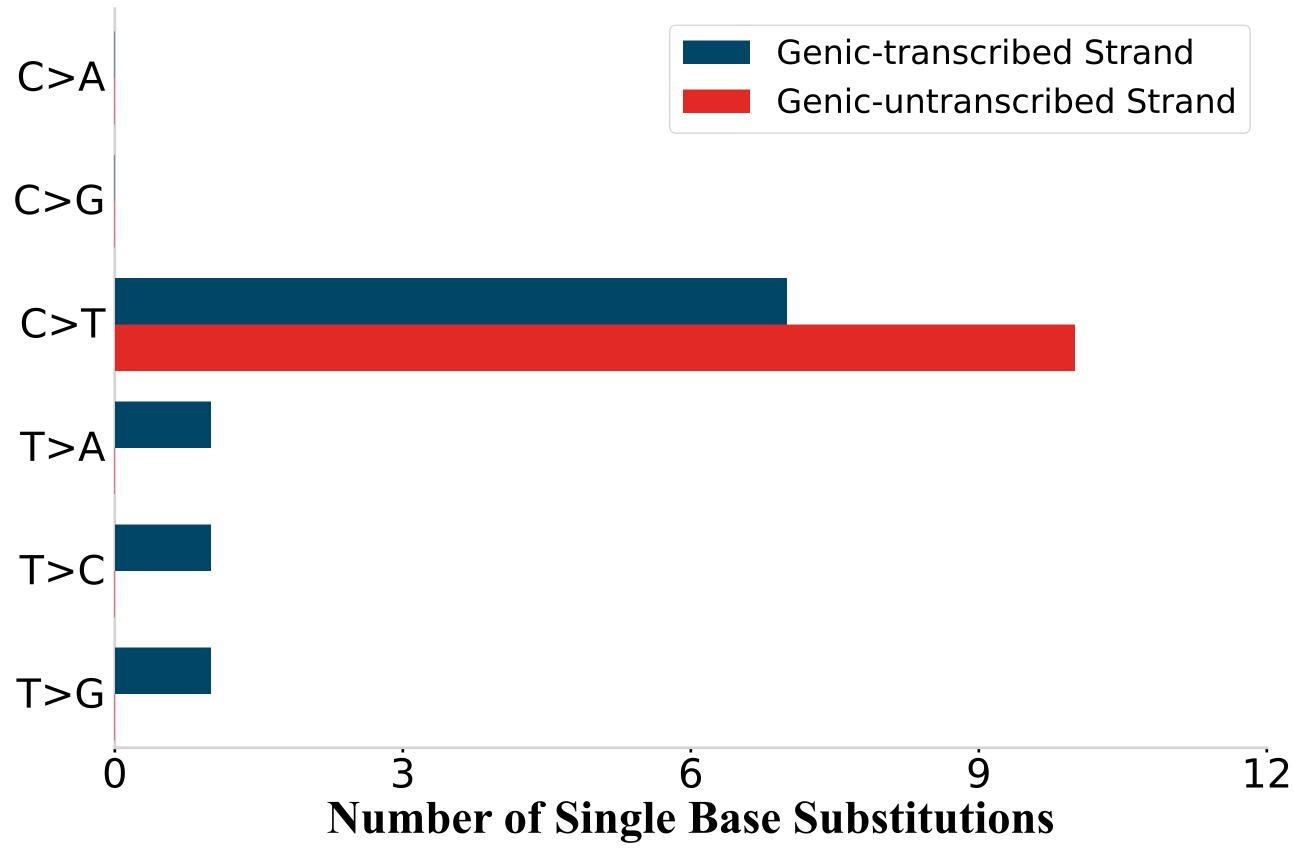
P-0032896-T01-IM6: 8 transcribed subs



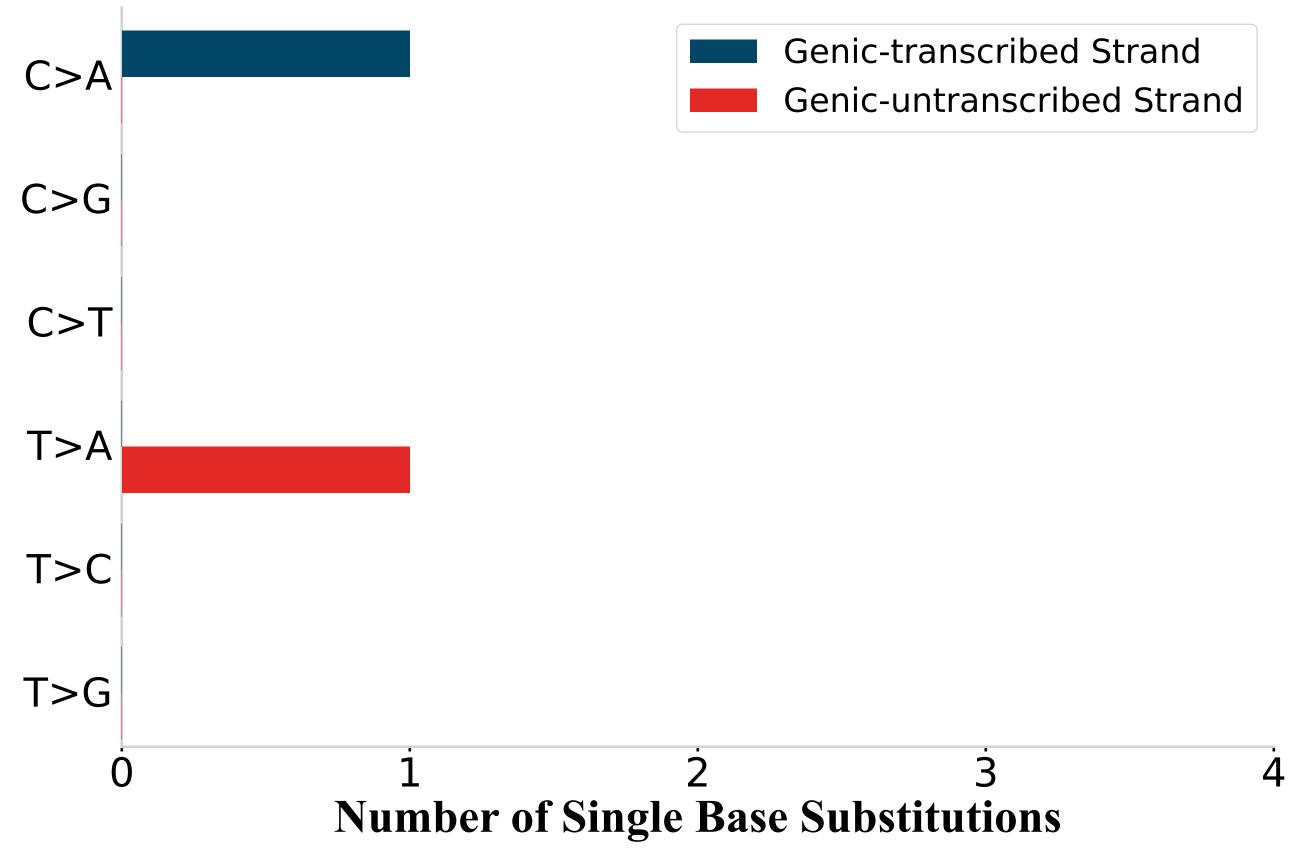
P-0032937-T01-IM6: 7 transcribed subs



P-0032984-T01-IM6: 20 transcribed subs



P-0032996-T01-IM6: 2 transcribed subs



P-0033003-T01-IM6: 68 transcribed subs Genic-transcribed Strand C>A Genic-untranscribed Strand C>G C>T T>AT>C T>G

22

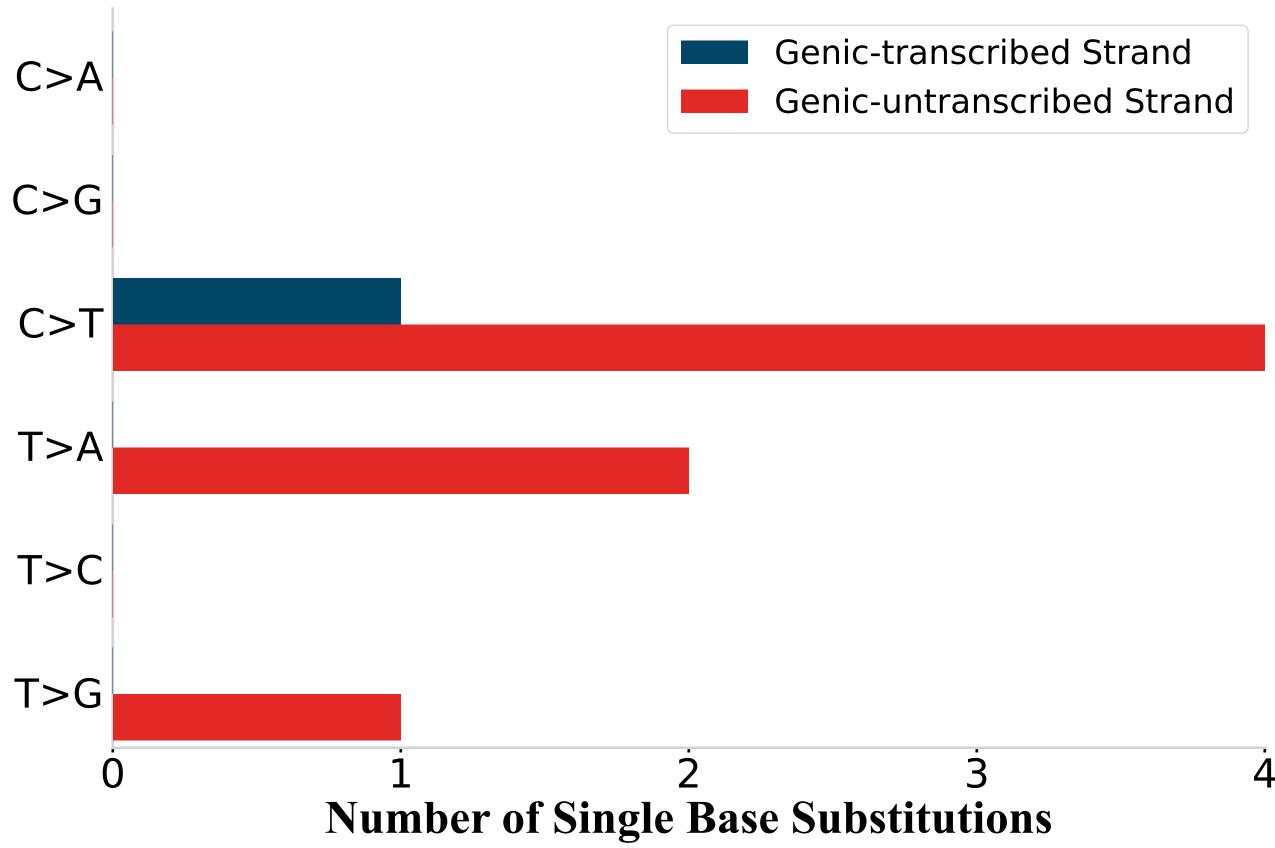
Number of Single Base Substitutions

11

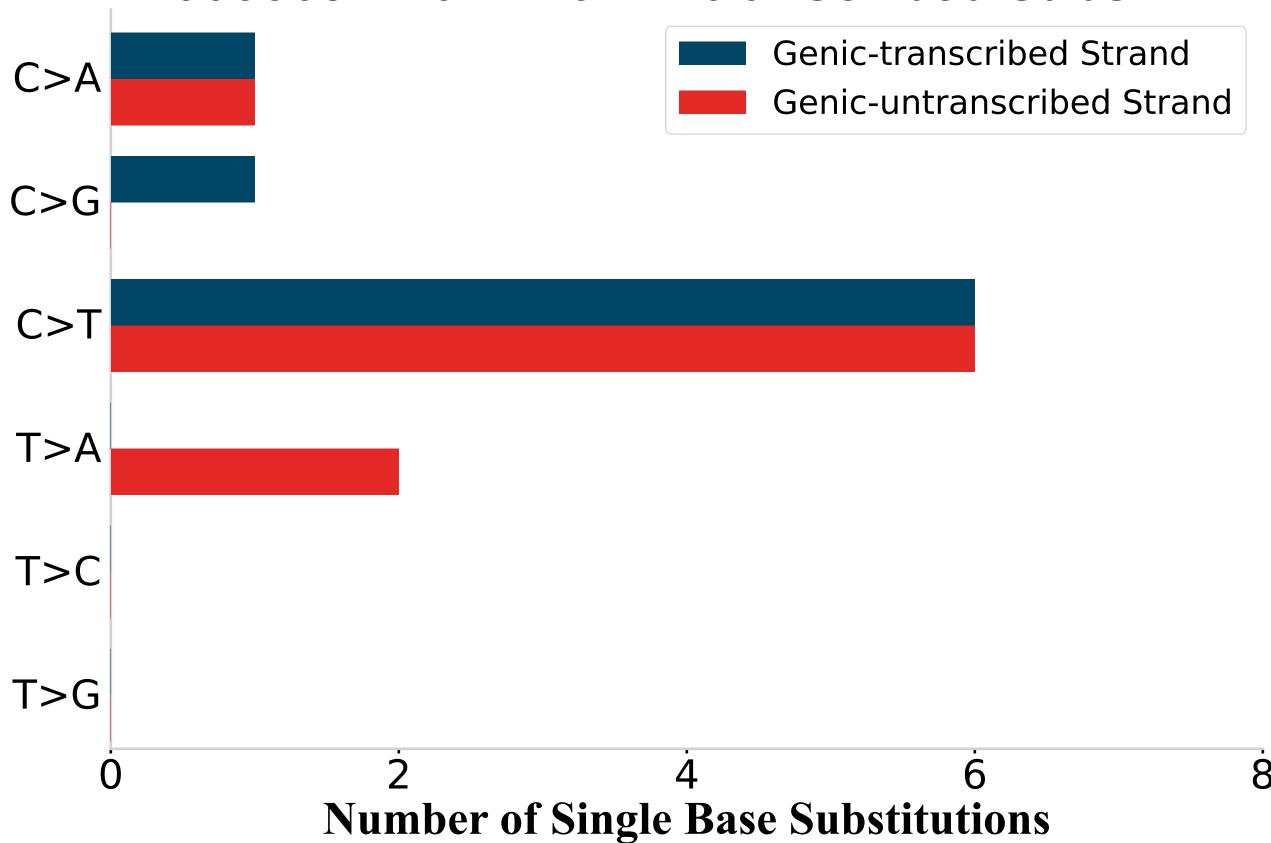
33

44

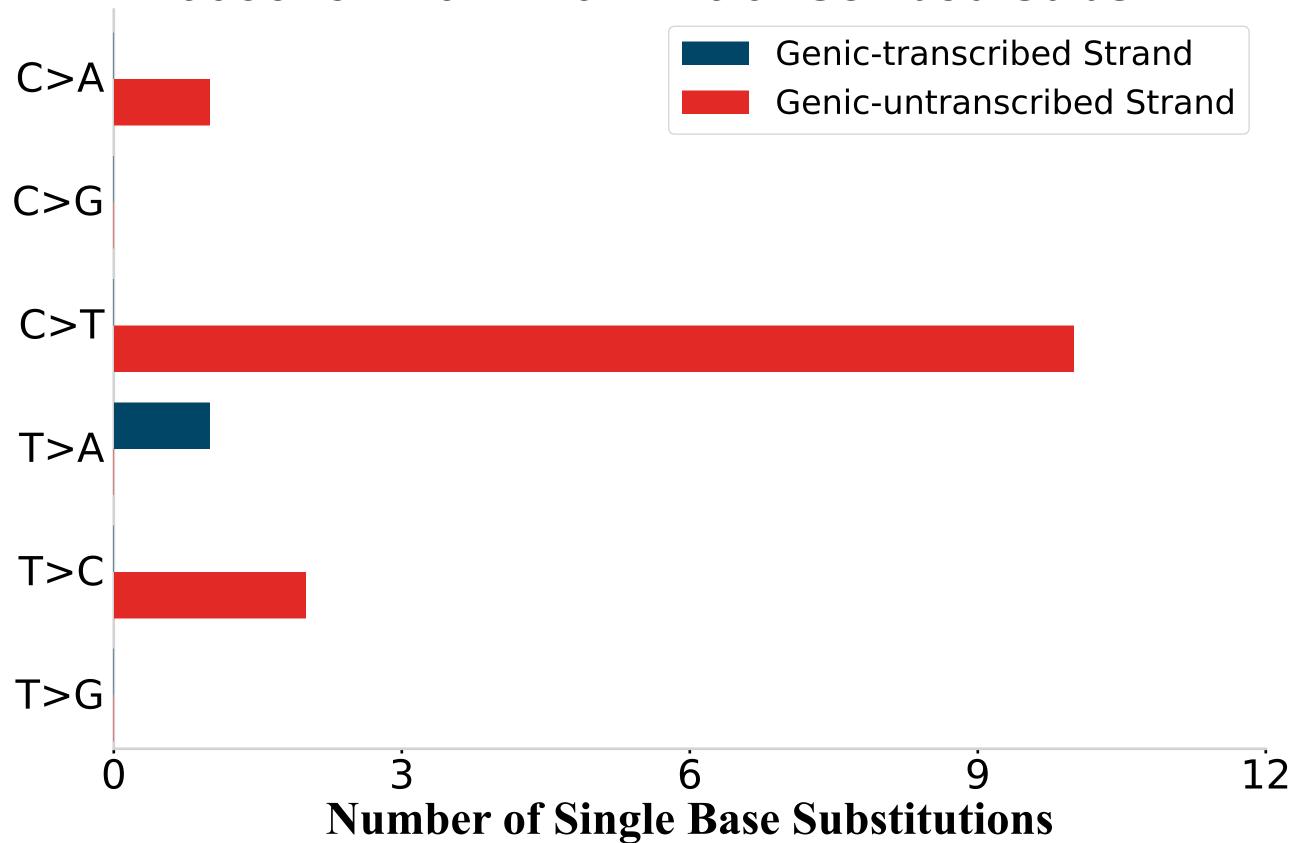
P-0033074-T01-IM6: 8 transcribed subs



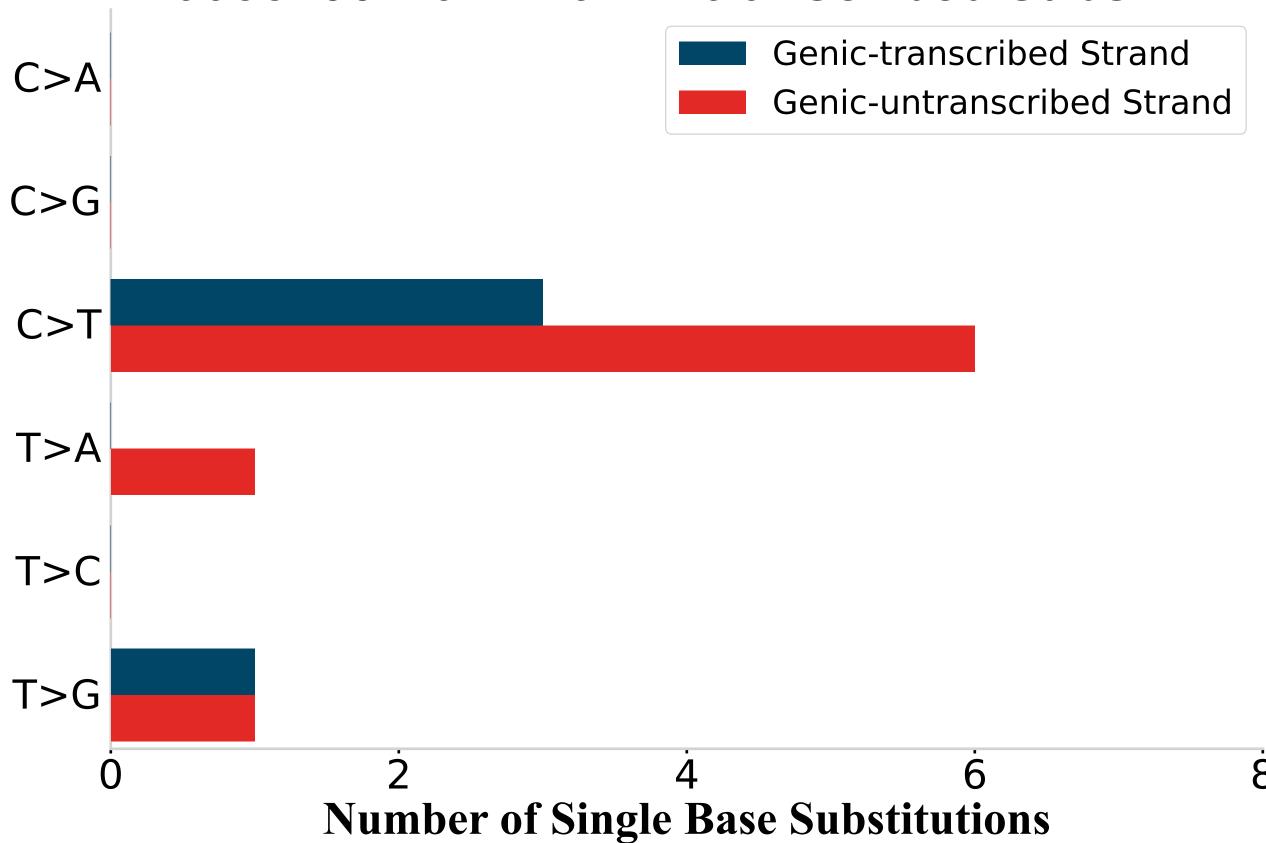
P-0033097-T01-IM6: 17 transcribed subs



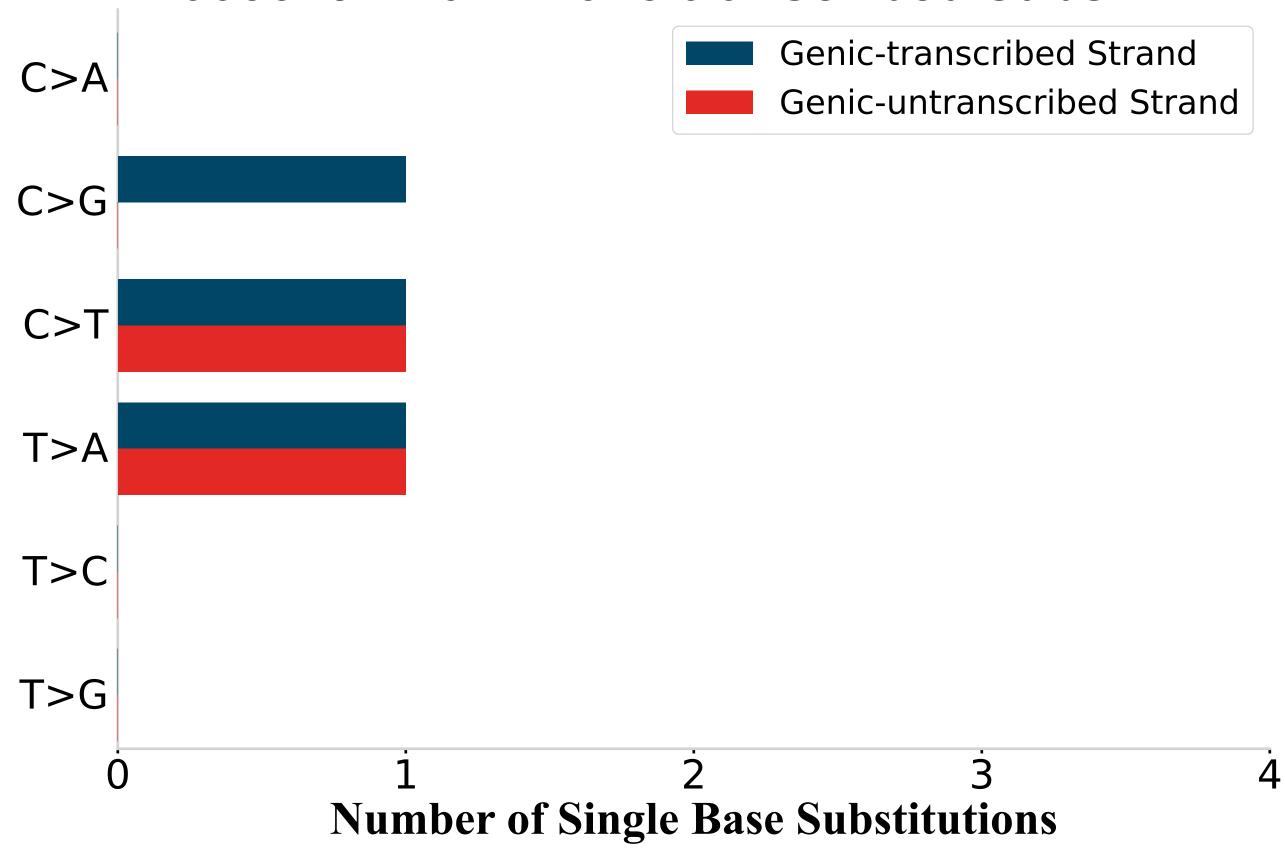
P-0033151-T01-IM6: 14 transcribed subs



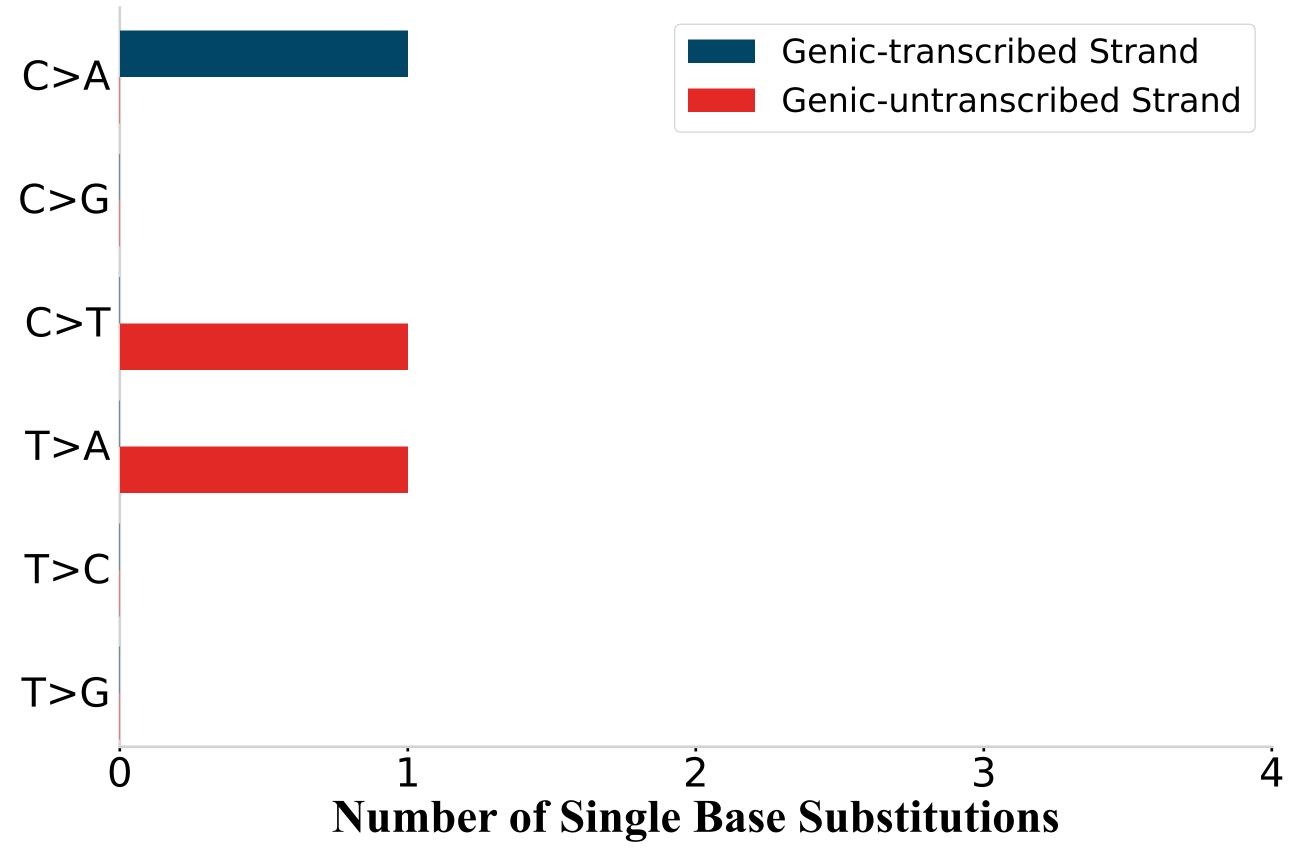
P-0033199-T01-IM6: 12 transcribed subs



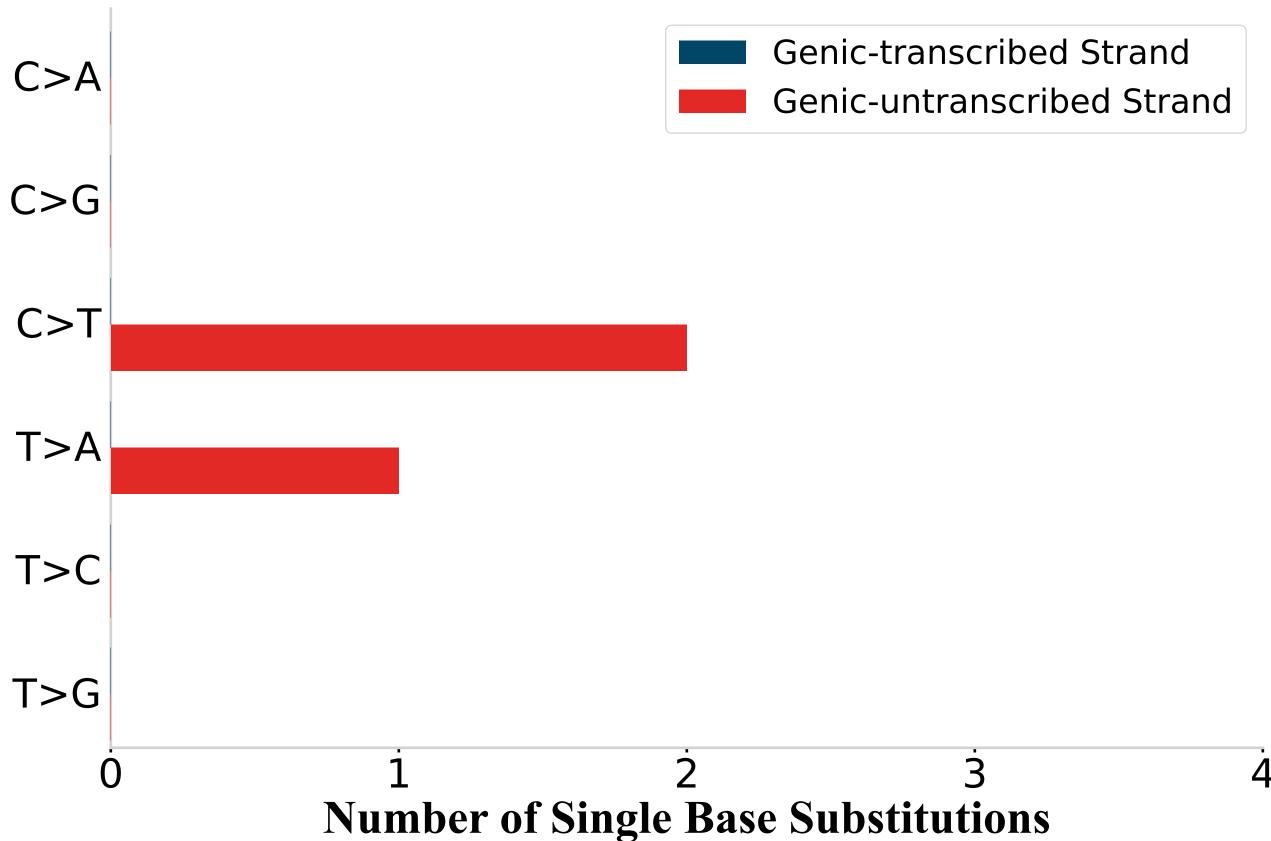
P-0033292-T01-IM6: 5 transcribed subs



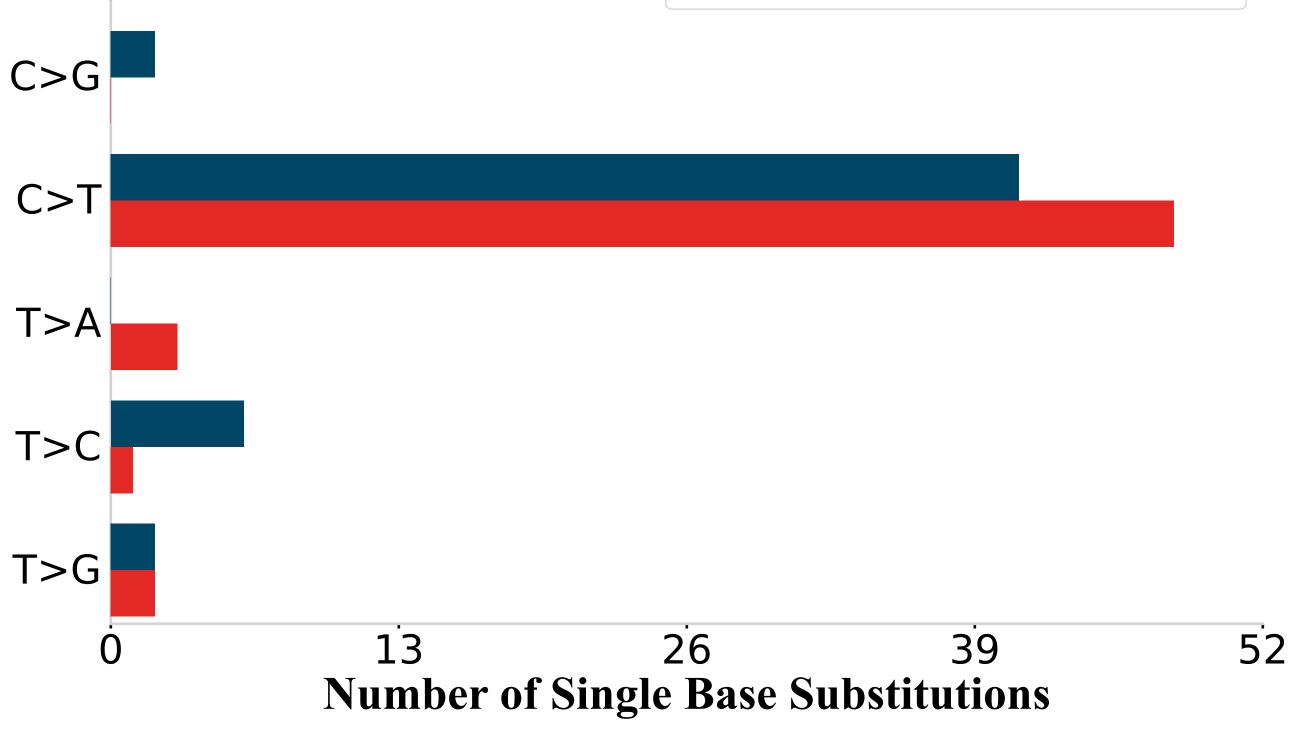
P-0033354-T01-IM6: 3 transcribed subs



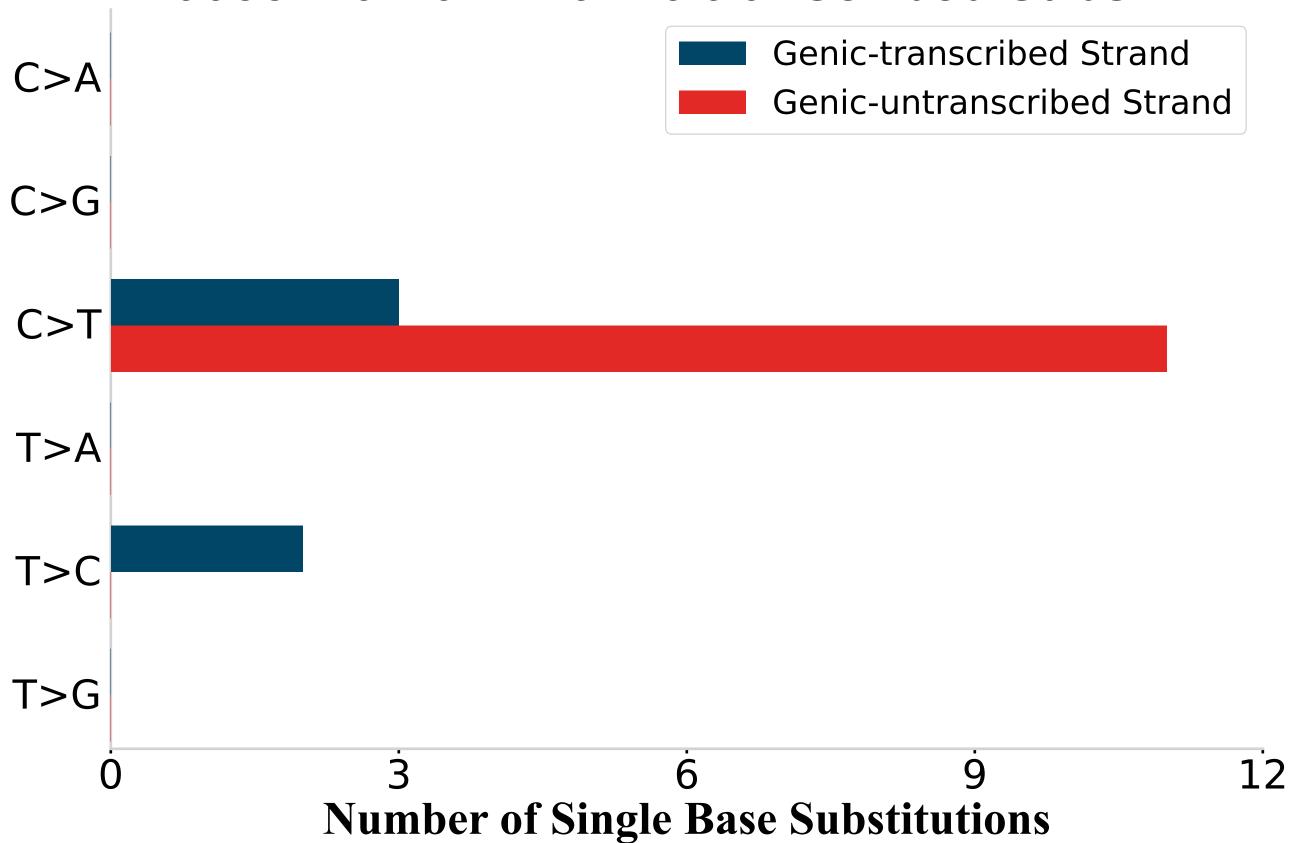
P-0033363-T01-IM6: 3 transcribed subs



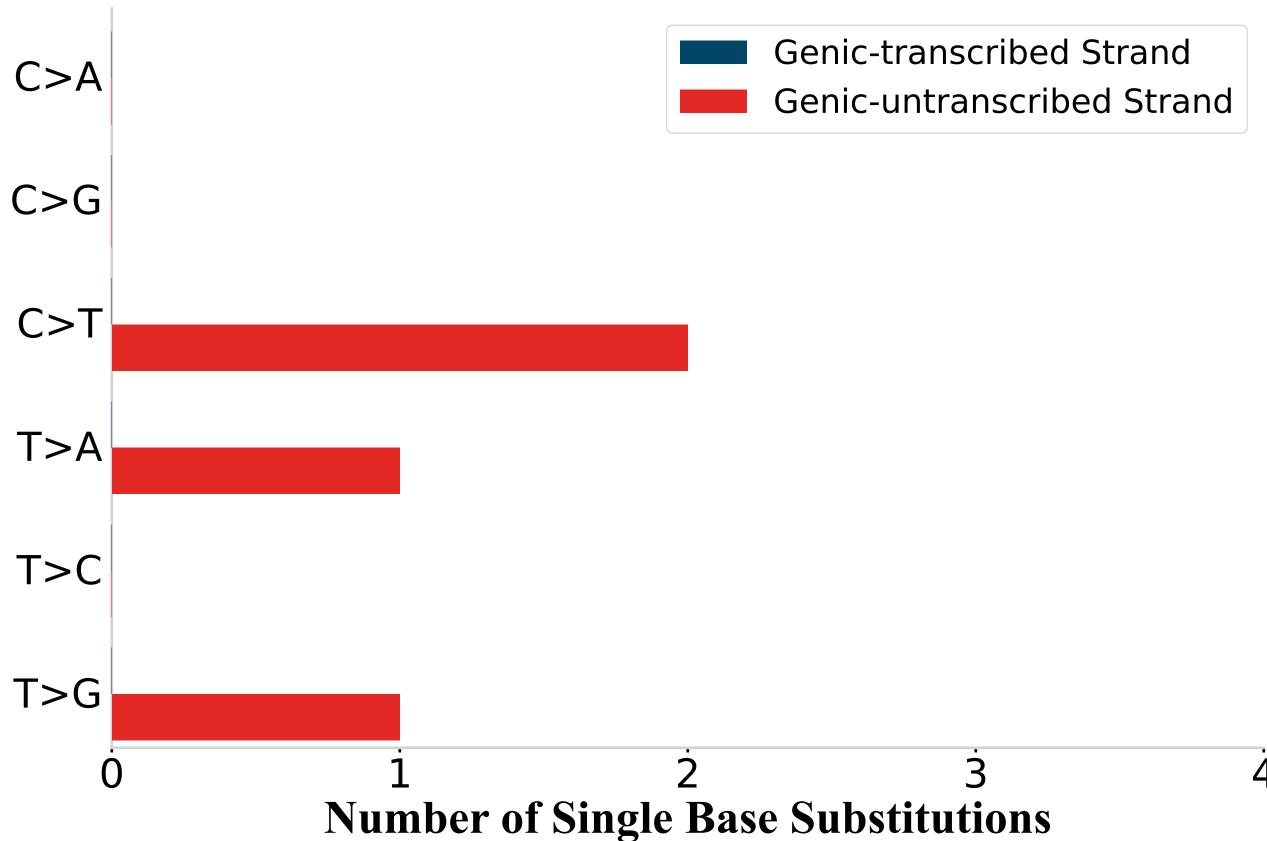
P-0033378-T01-IM6: 107 transcribed subs Genic-transcribed Strand C>A Genic-untranscribed Strand



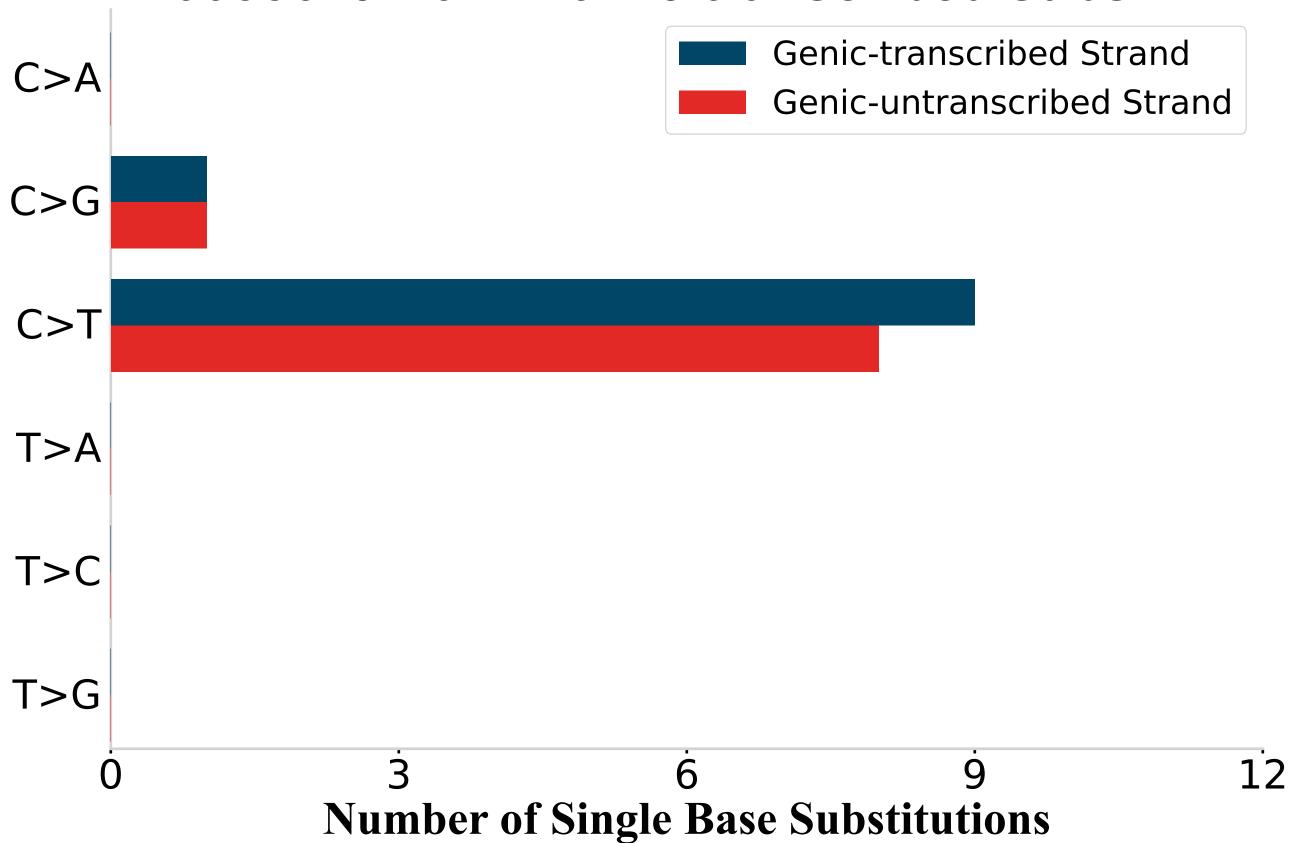
P-0033470-T01-IM6: 16 transcribed subs



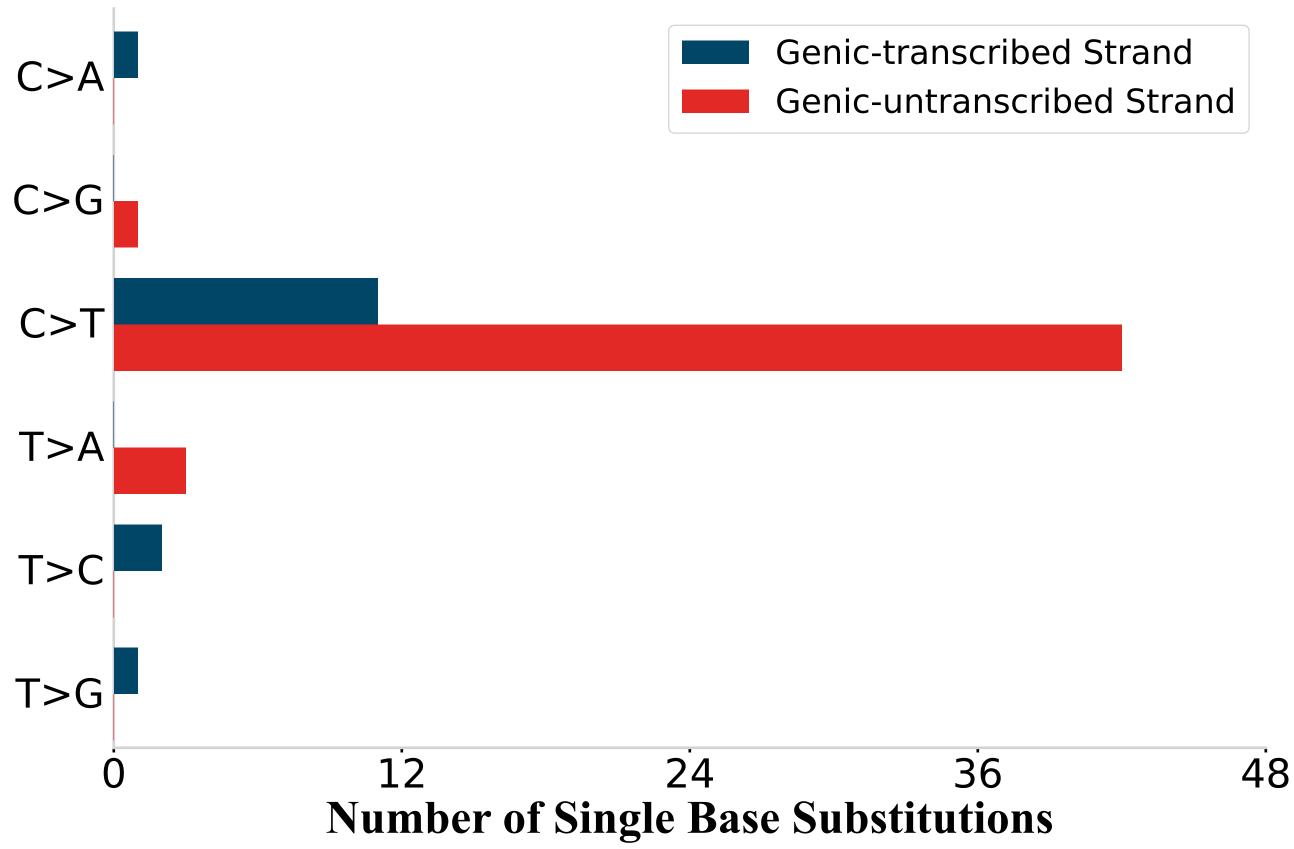
P-0033610-T01-IM6: 4 transcribed subs



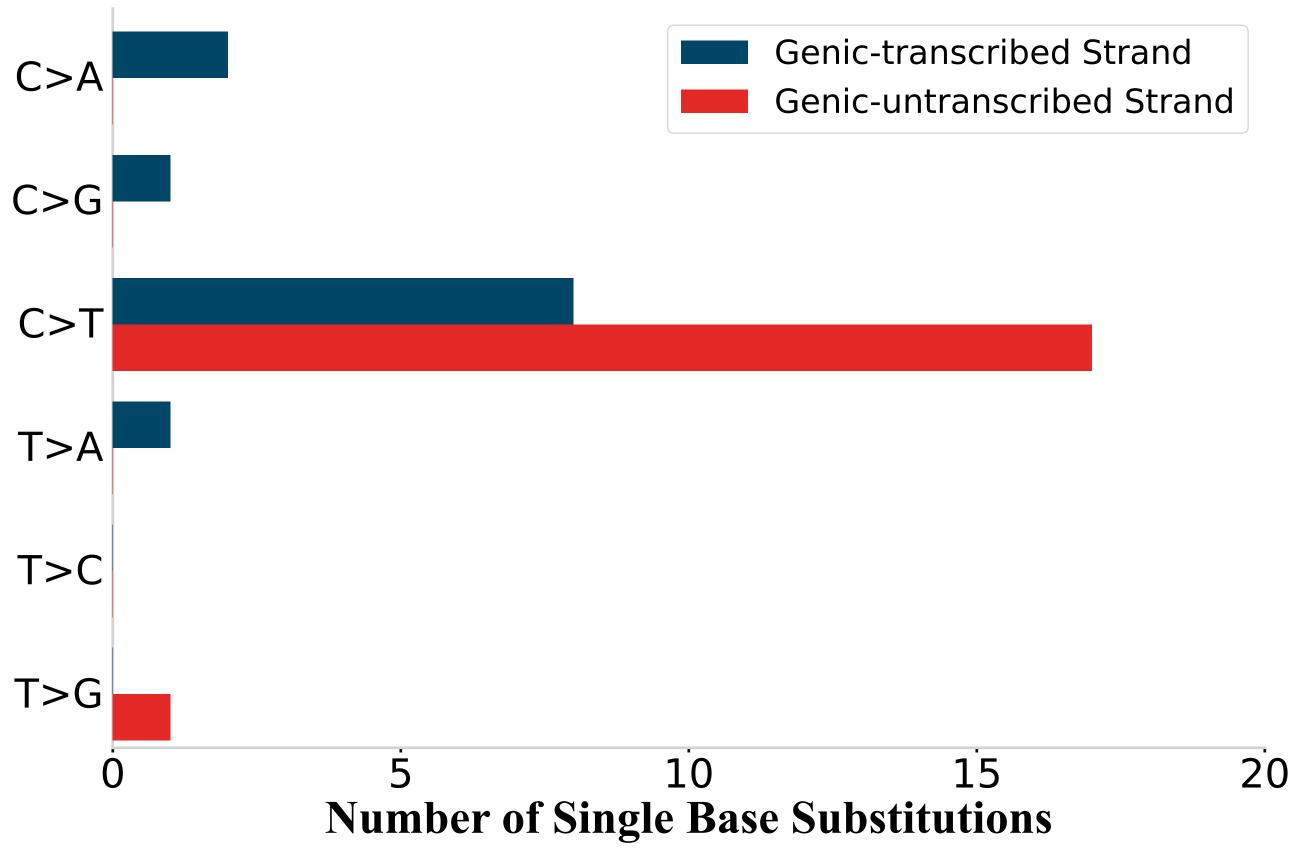
P-0033649-T01-IM6: 19 transcribed subs



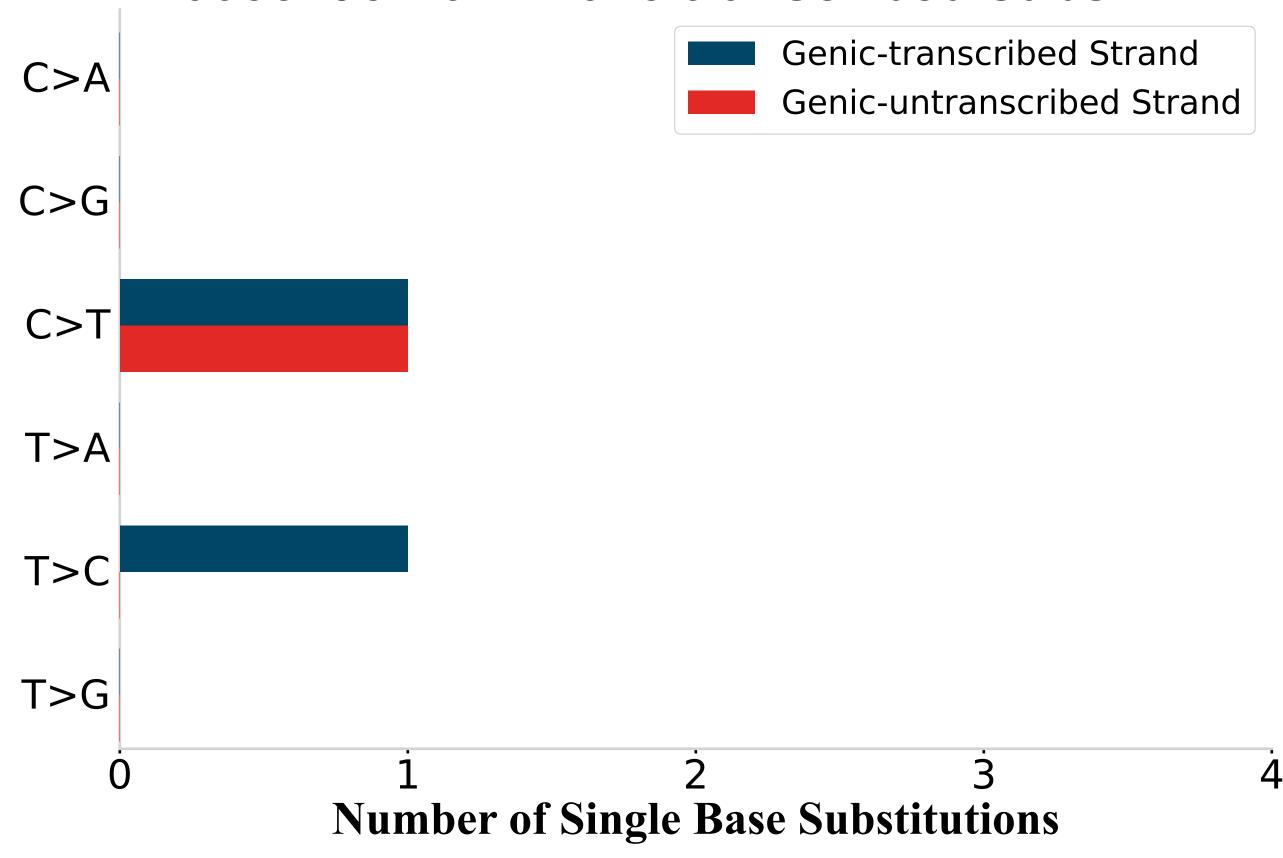
P-0033654-T01-IM6: 61 transcribed subs



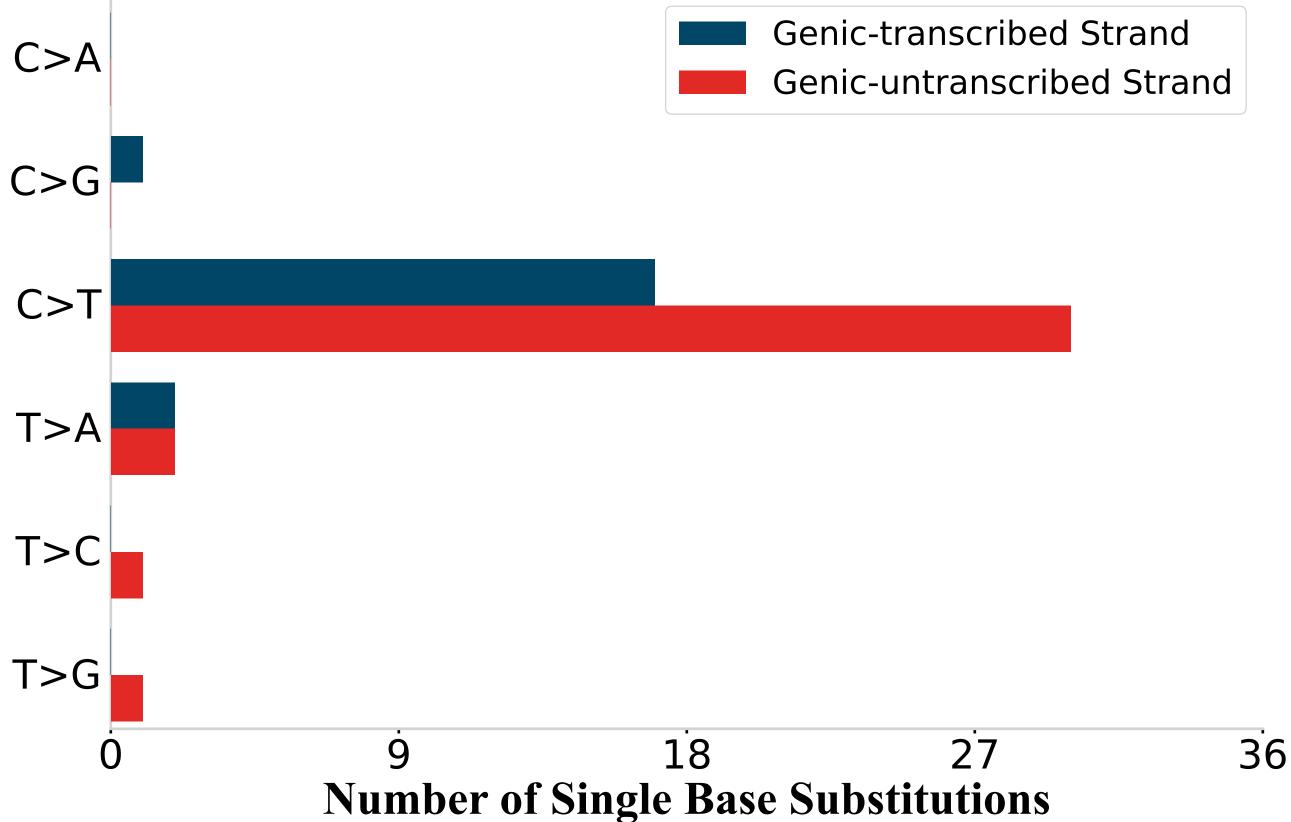
P-0033782-T01-IM6: 30 transcribed subs



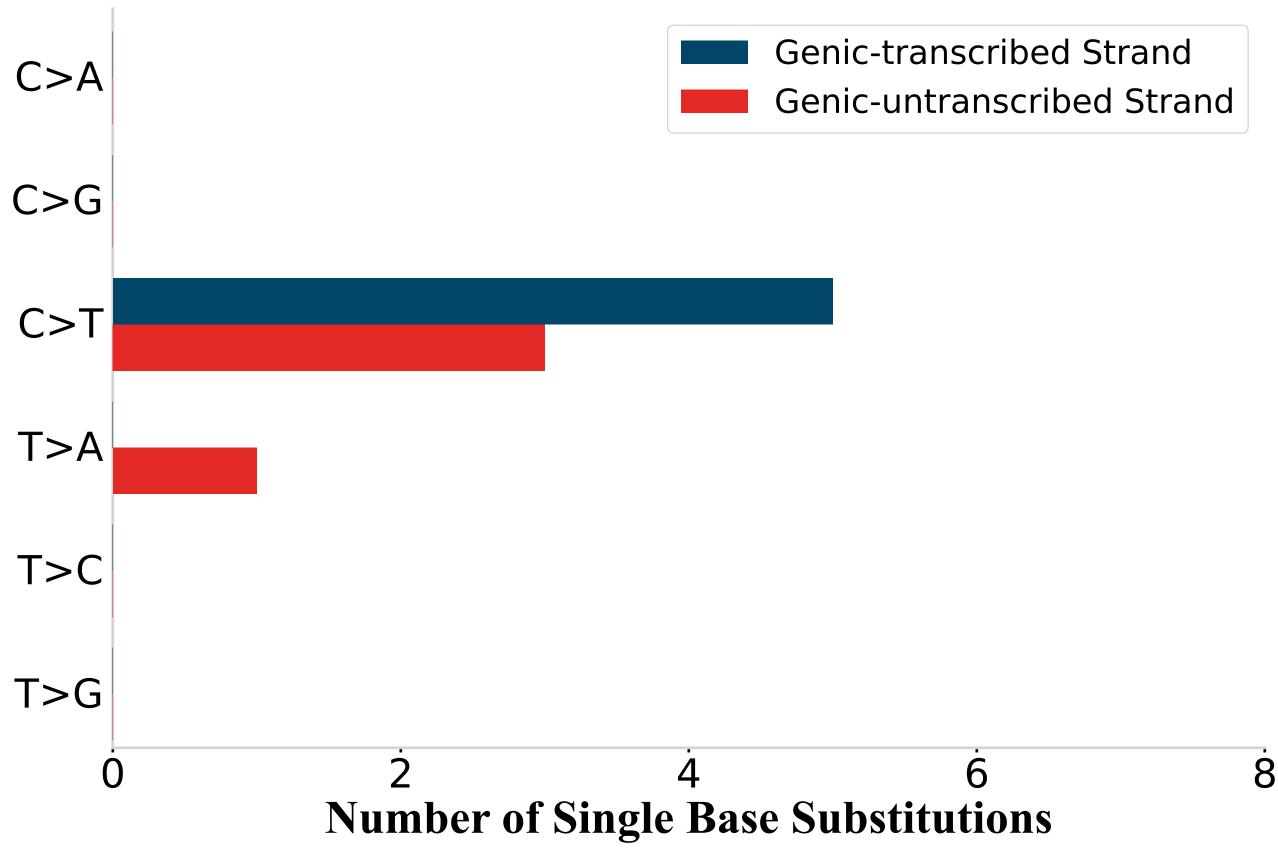
P-0033795-T01-IM6: 3 transcribed subs



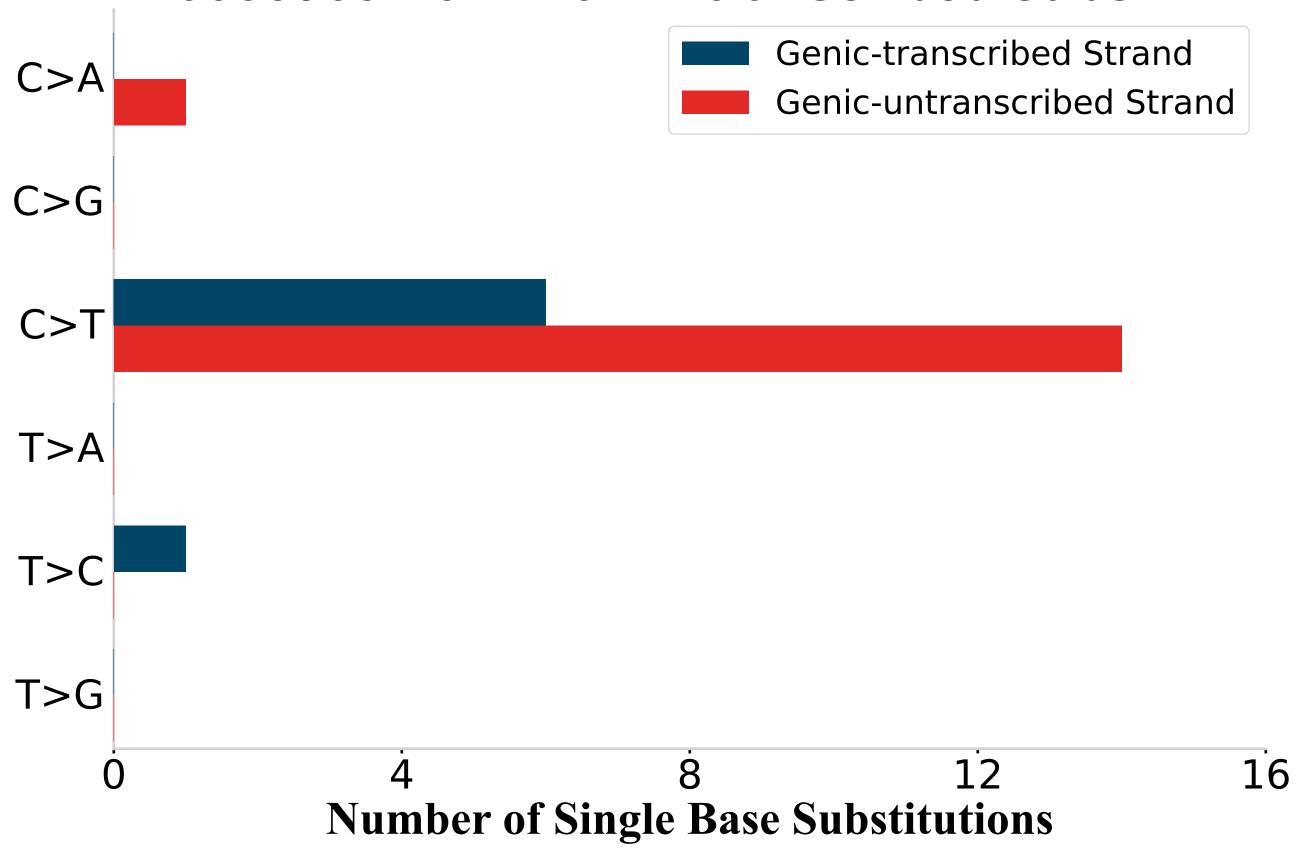
P-0033935-T01-IM6: 54 transcribed subs Genic-transcribed Stranscribed Stranscribed



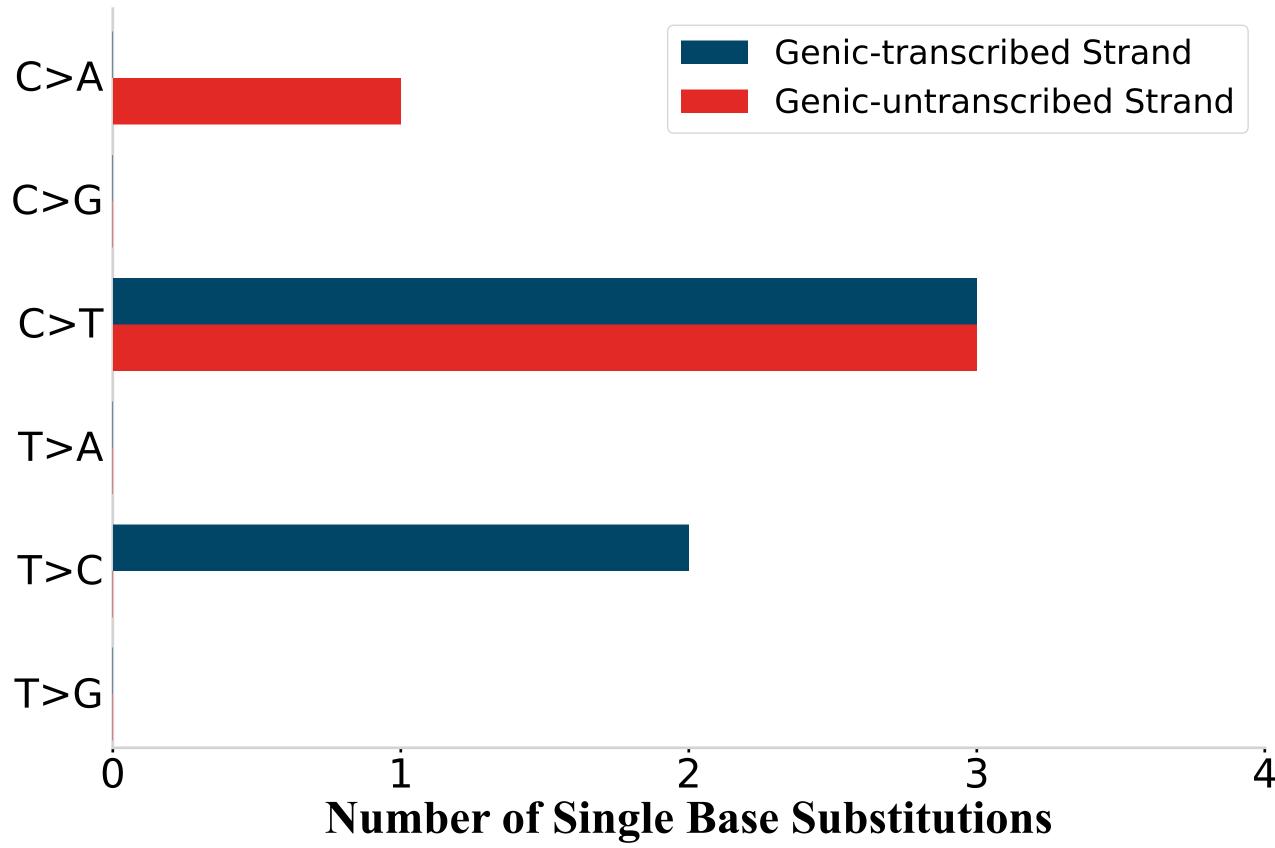
P-0033950-T01-IM6: 9 transcribed subs



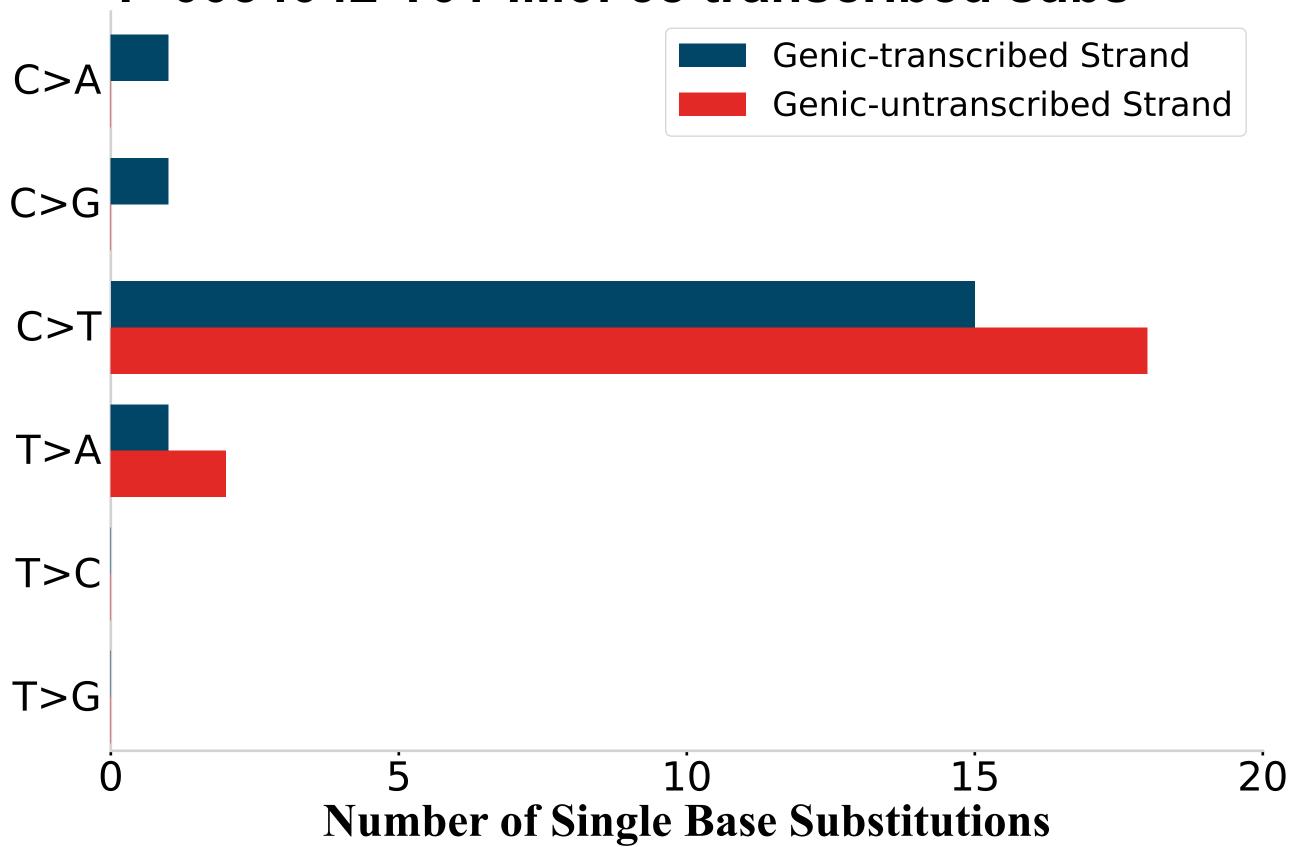
P-0033965-T01-IM6: 22 transcribed subs



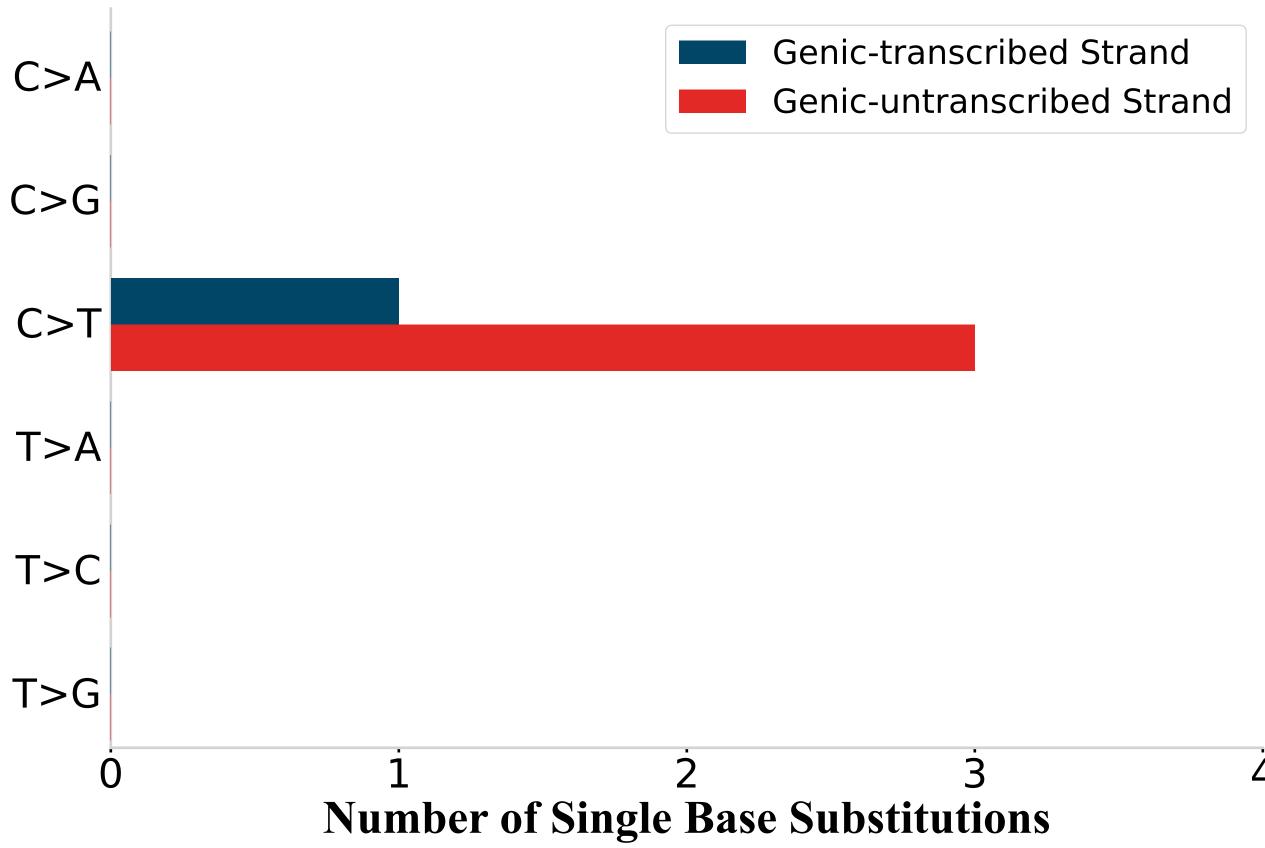
P-0034034-T01-IM6: 9 transcribed subs



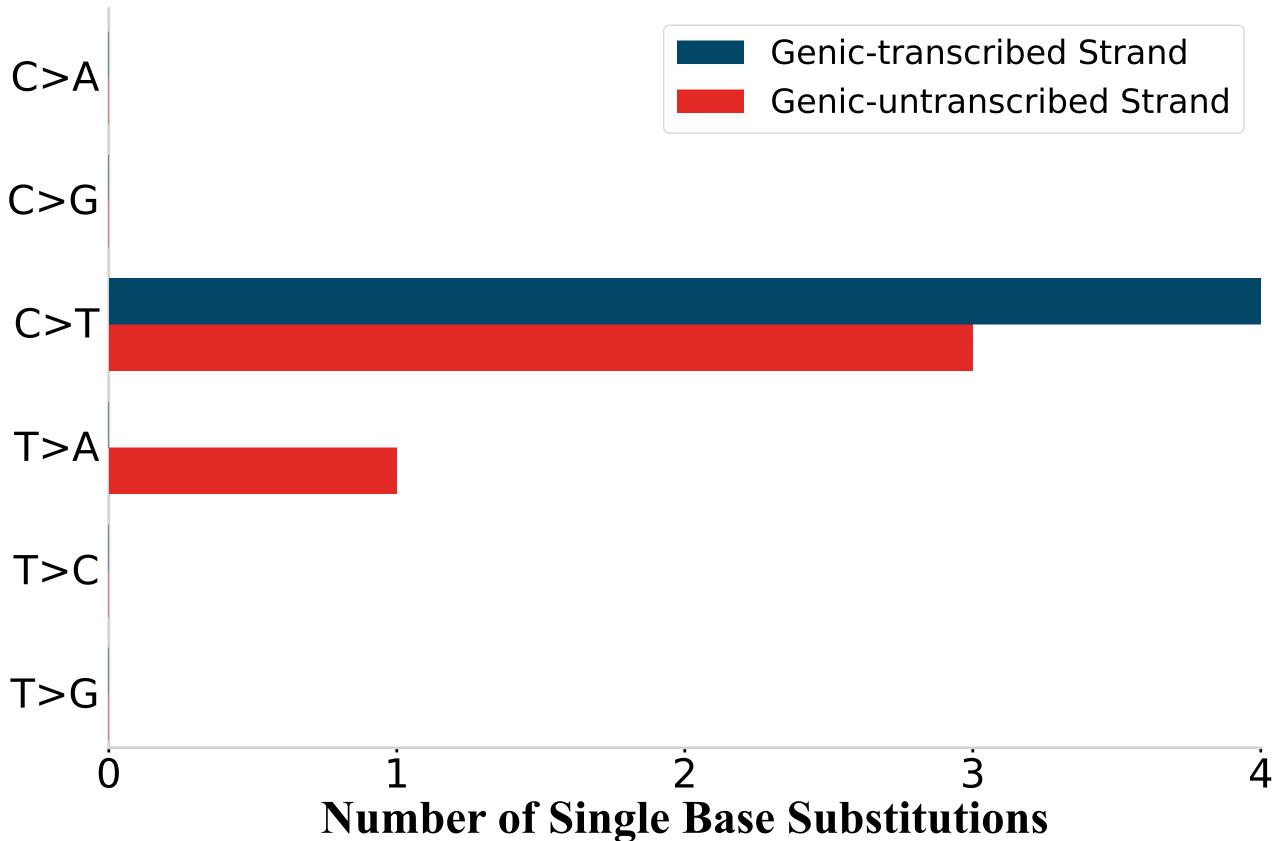
P-0034042-T01-IM6: 38 transcribed subs



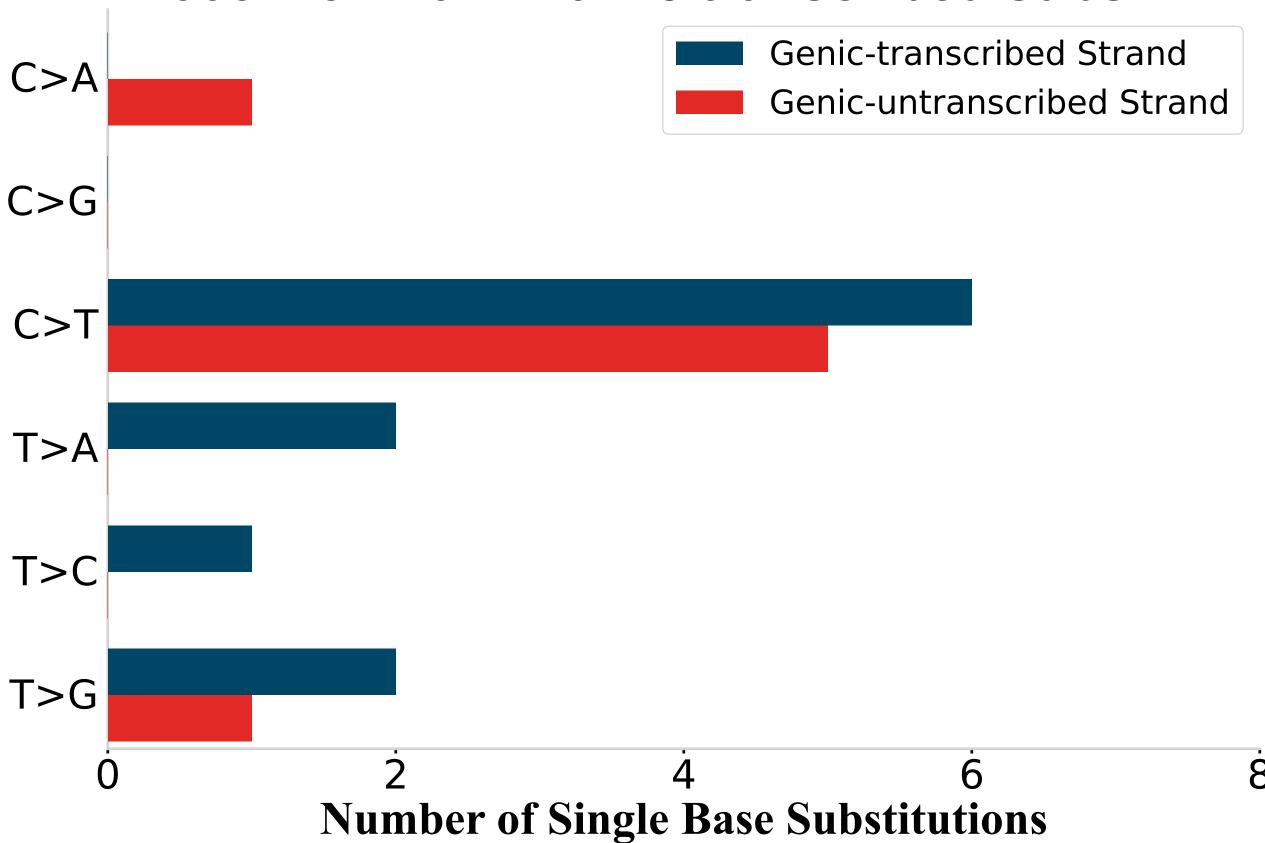
P-0034168-T01-IM6: 4 transcribed subs



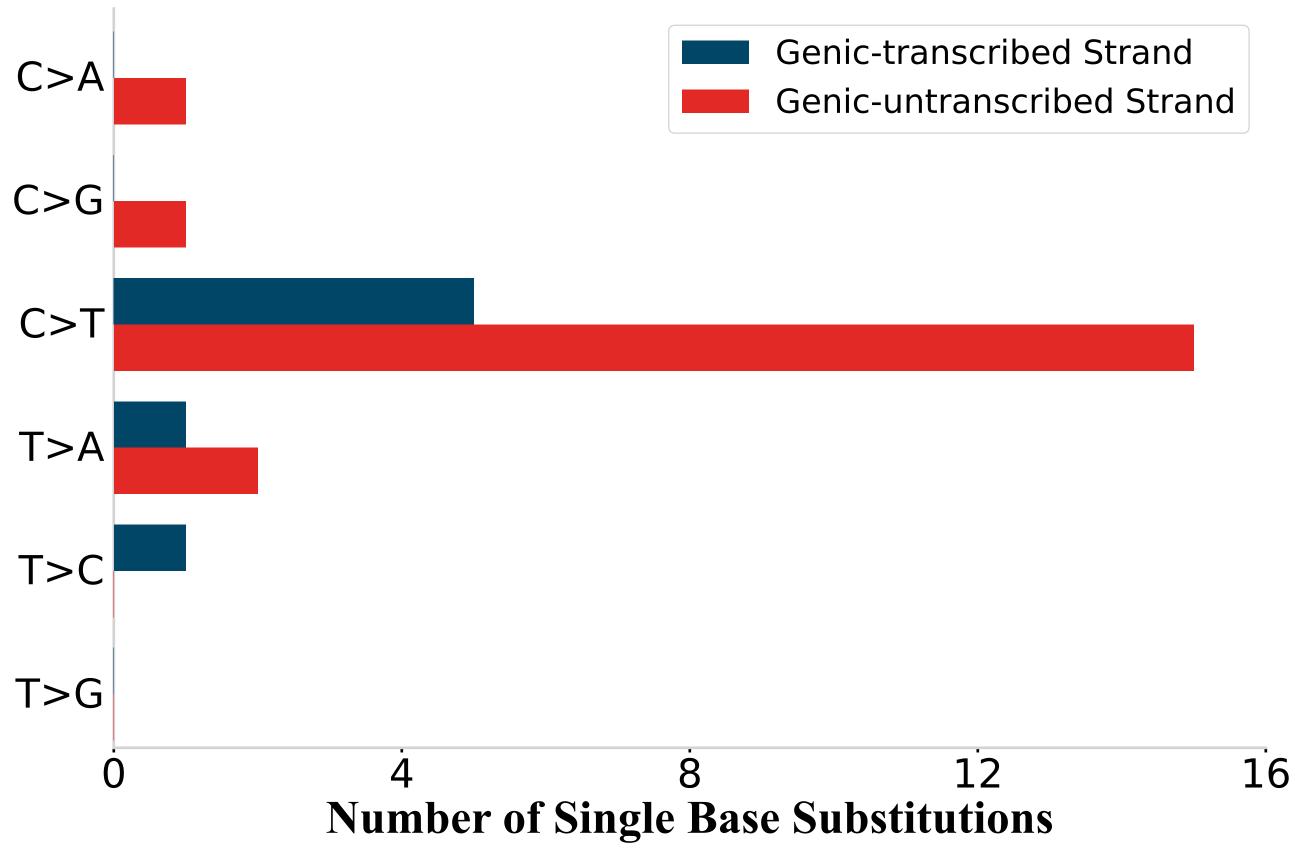
P-0034178-T01-IM6: 8 transcribed subs



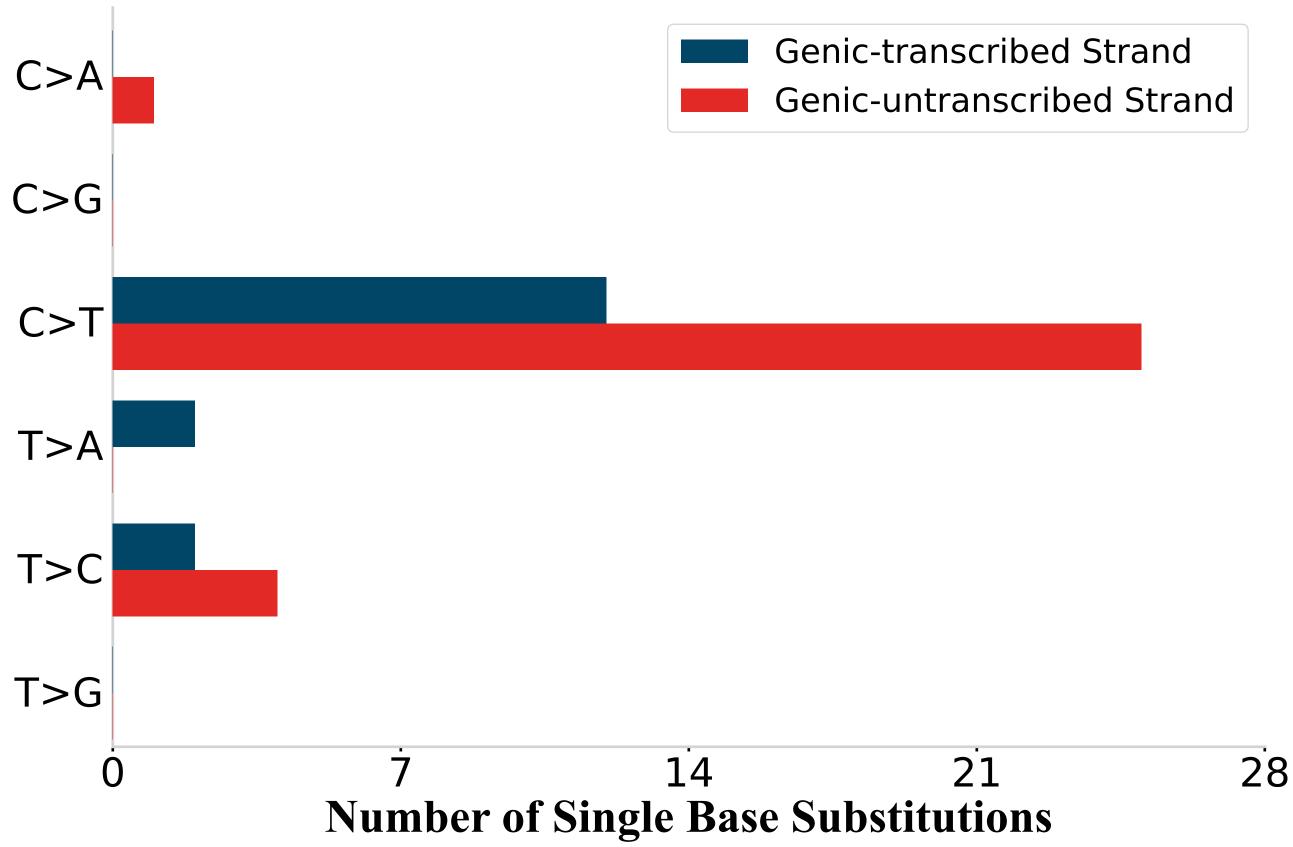
P-0034234-T01-IM6: 18 transcribed subs



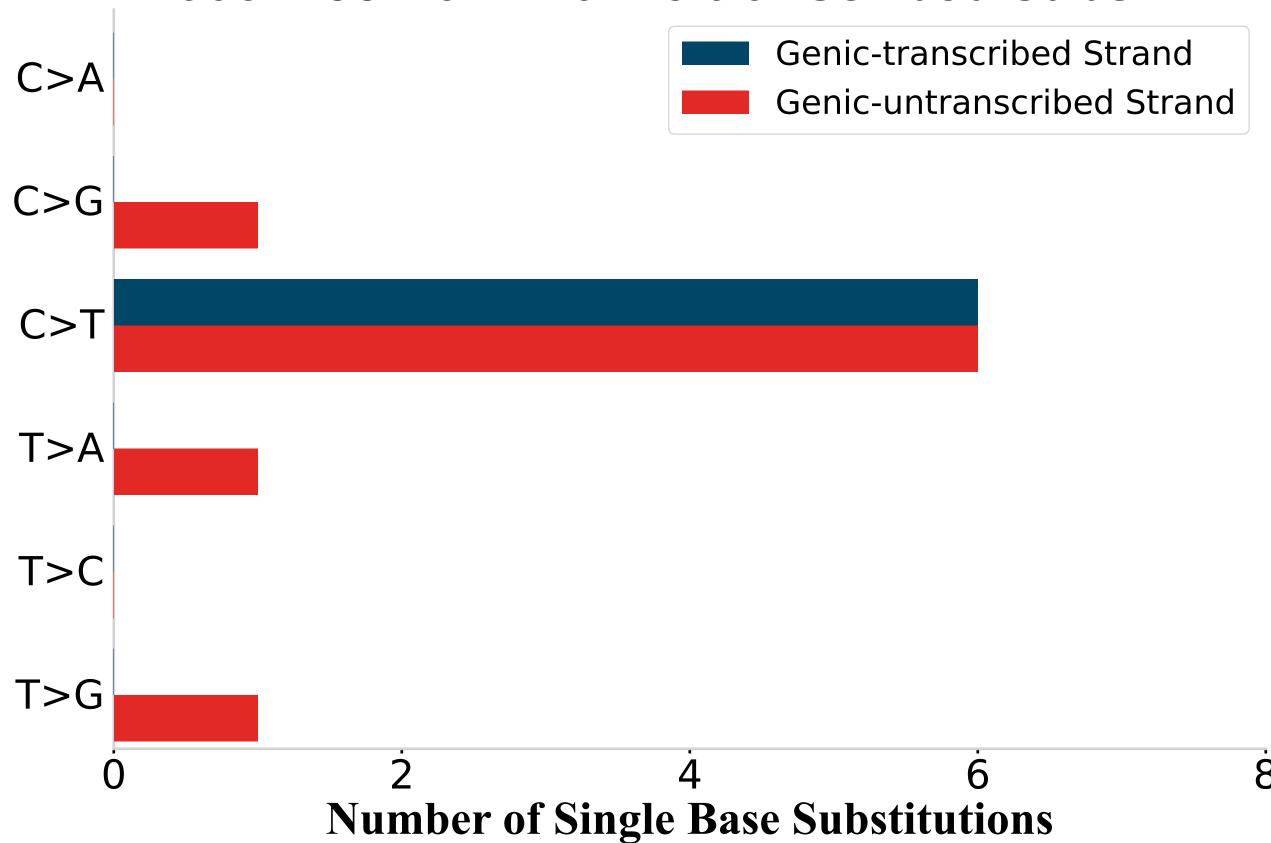
P-0034282-T01-IM6: 26 transcribed subs



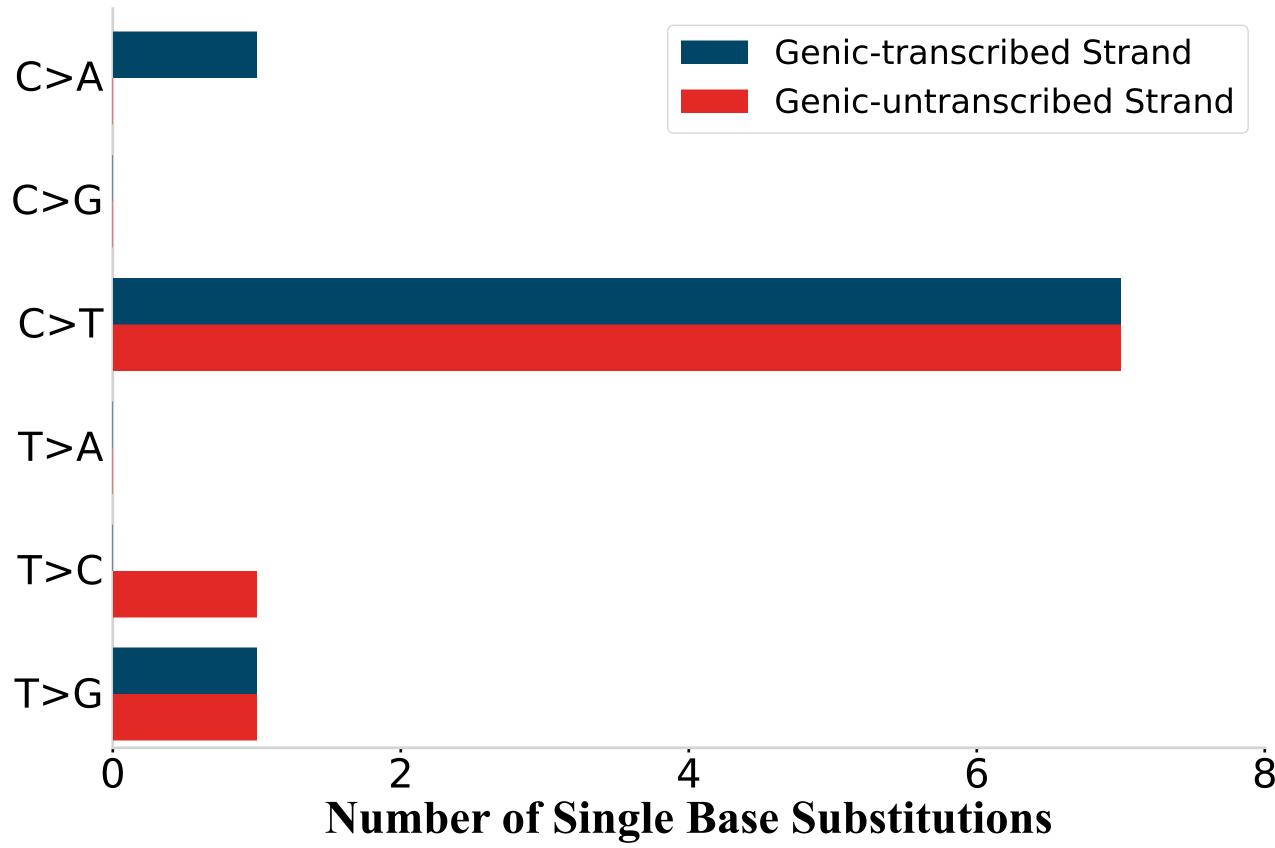
P-0034283-T01-IM6: 46 transcribed subs



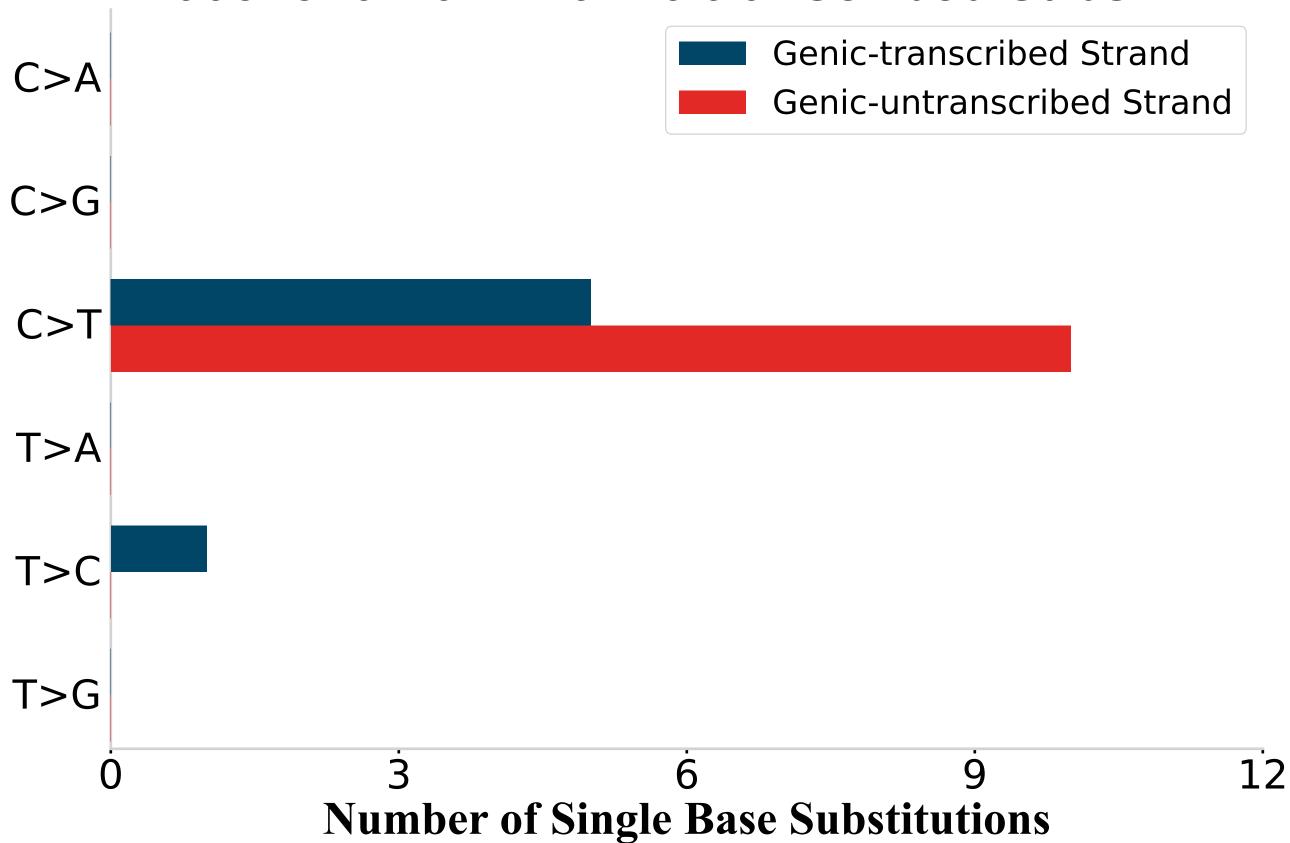
P-0034288-T01-IM6: 15 transcribed subs



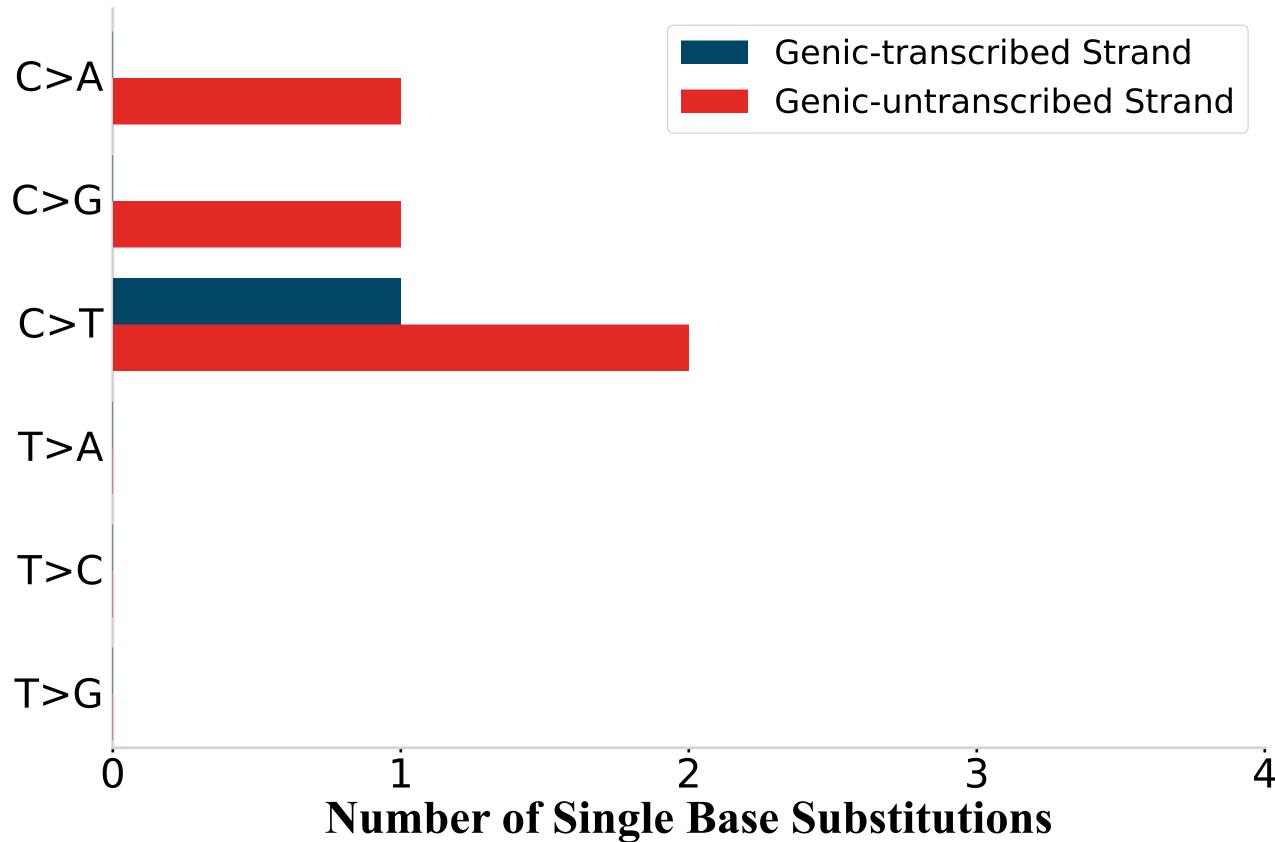
P-0034303-T01-IM6: 18 transcribed subs



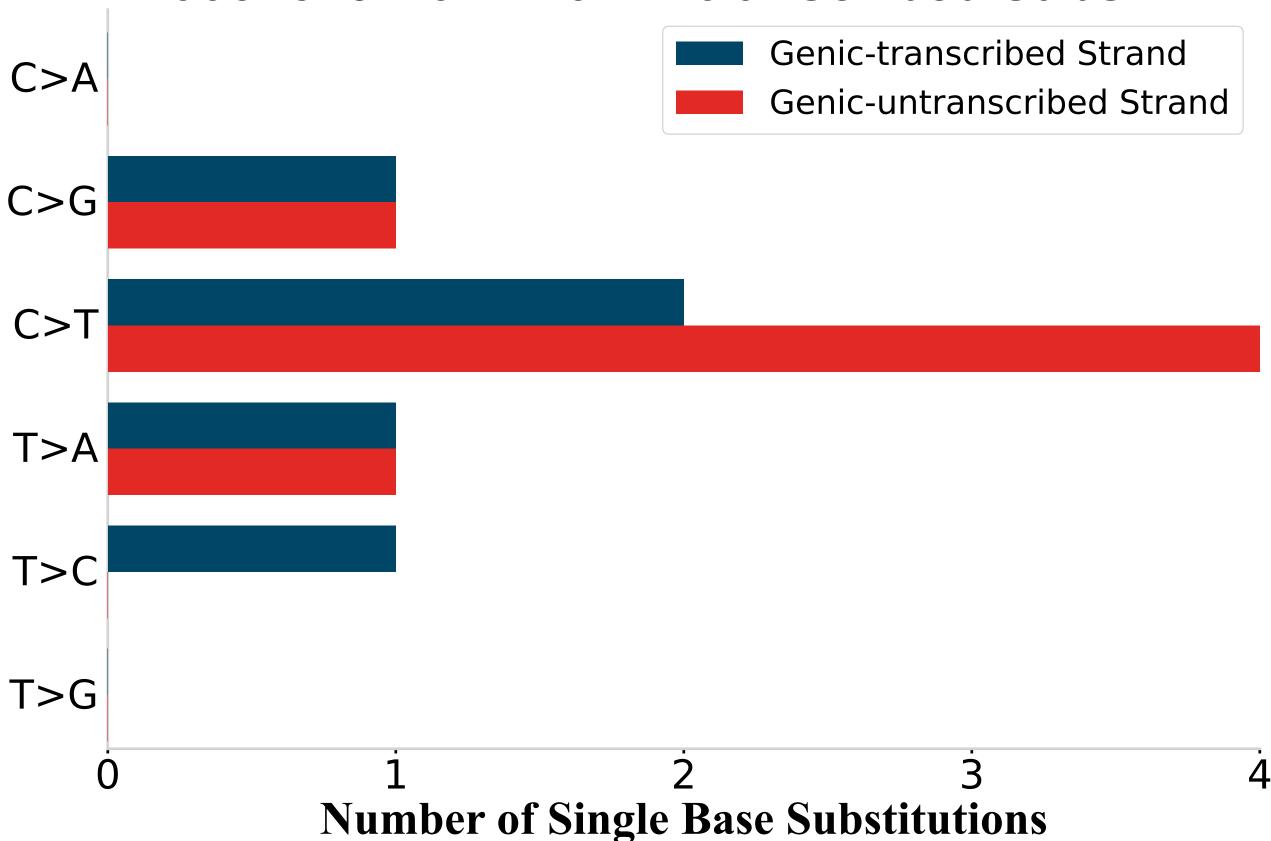
P-0034370-T01-IM6: 16 transcribed subs



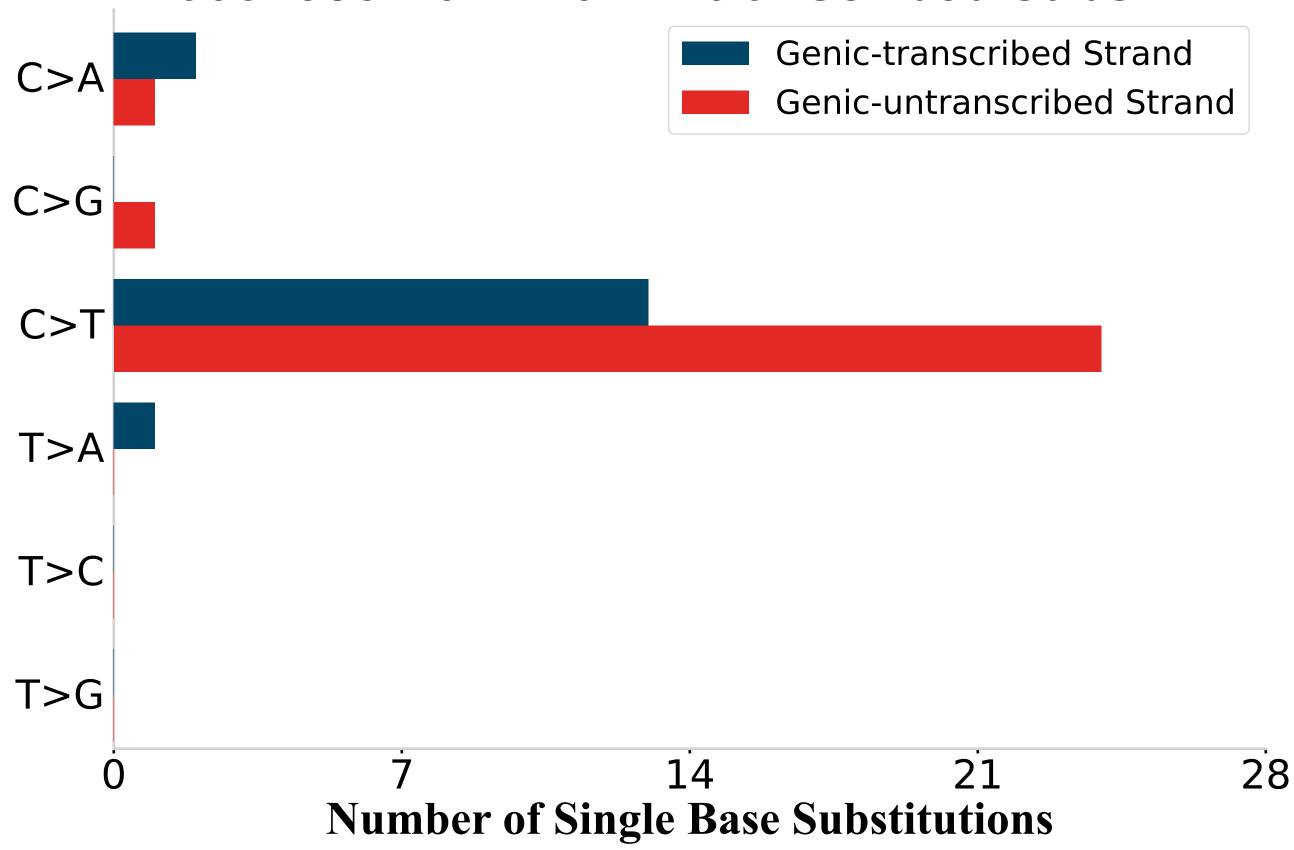
P-0034392-T01-IM6: 5 transcribed subs



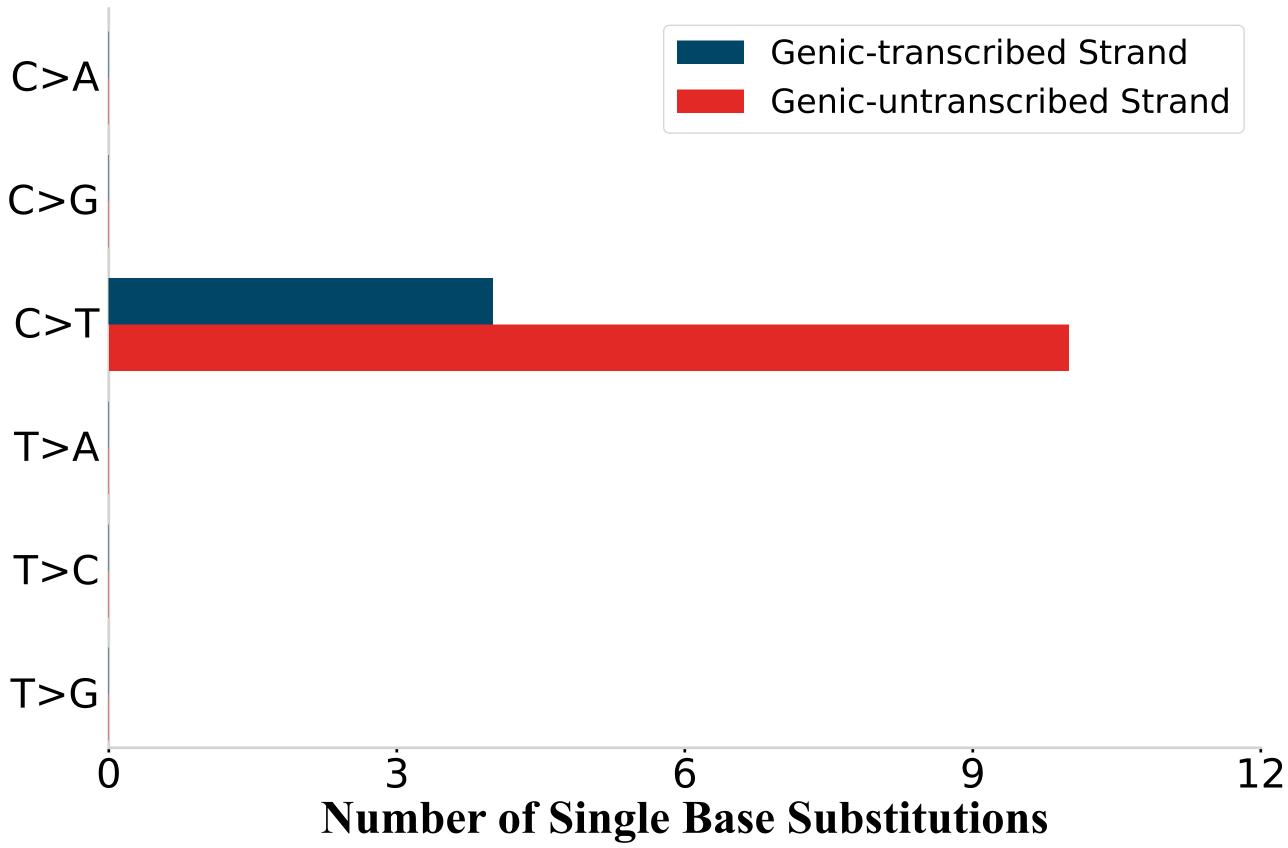
P-0034579-T01-IM6: 11 transcribed subs



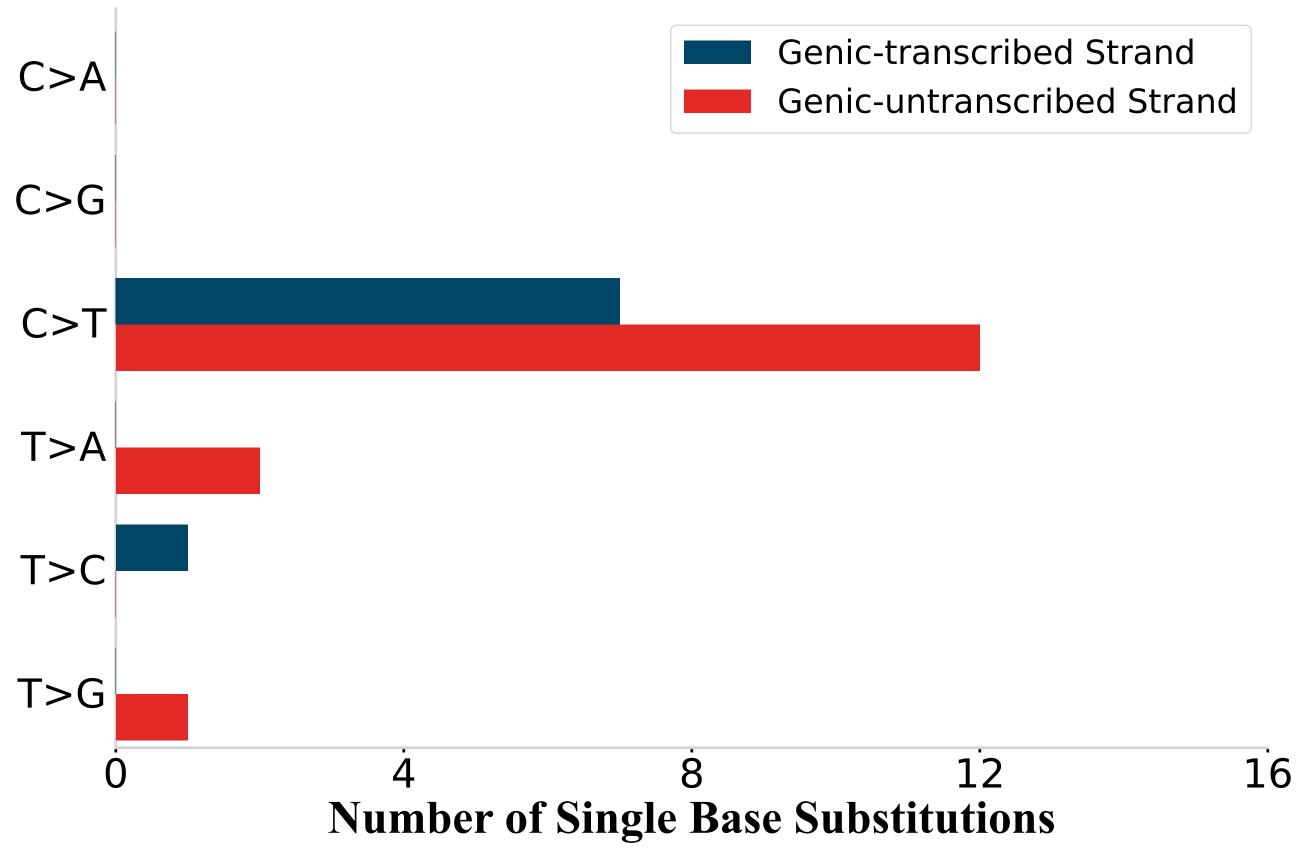
P-0034585-T01-IM6: 42 transcribed subs



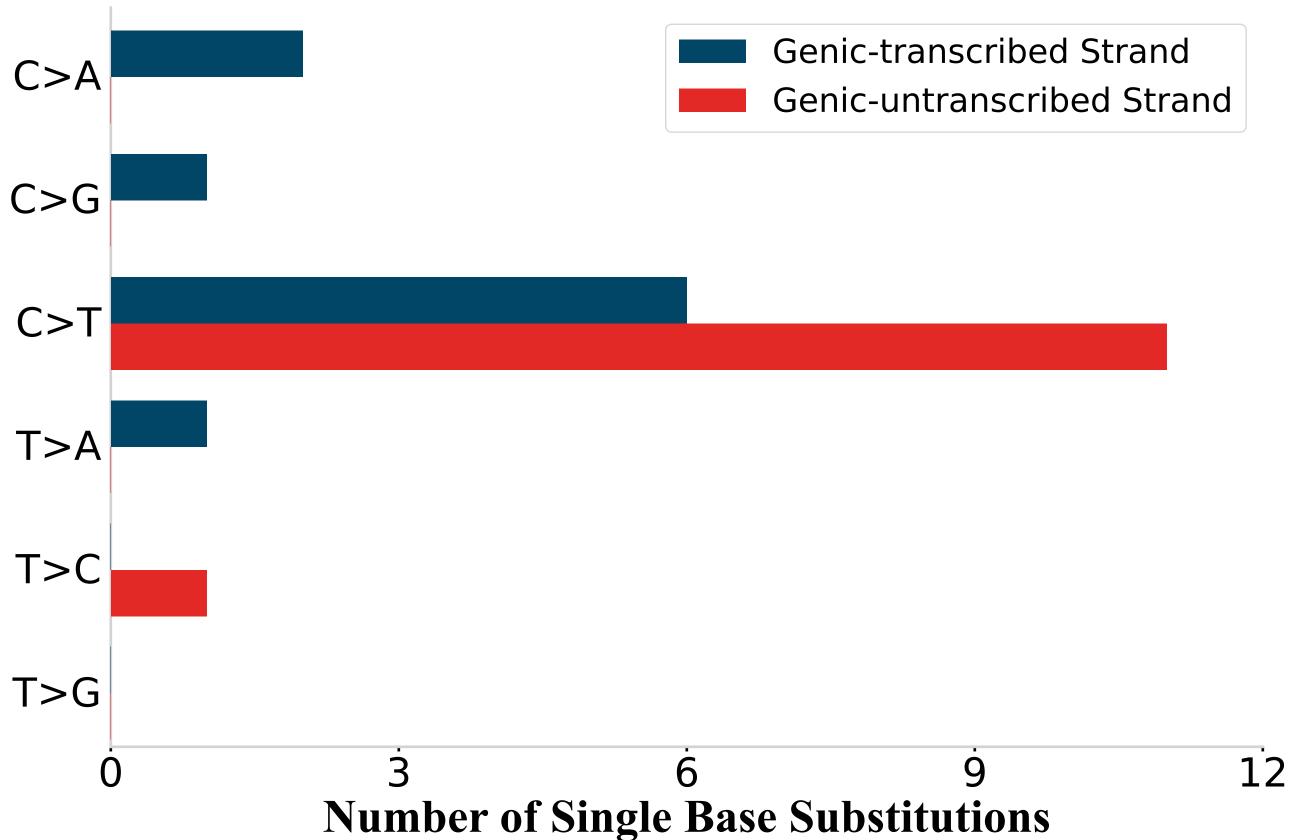
P-0034592-T01-IM6: 14 transcribed subs



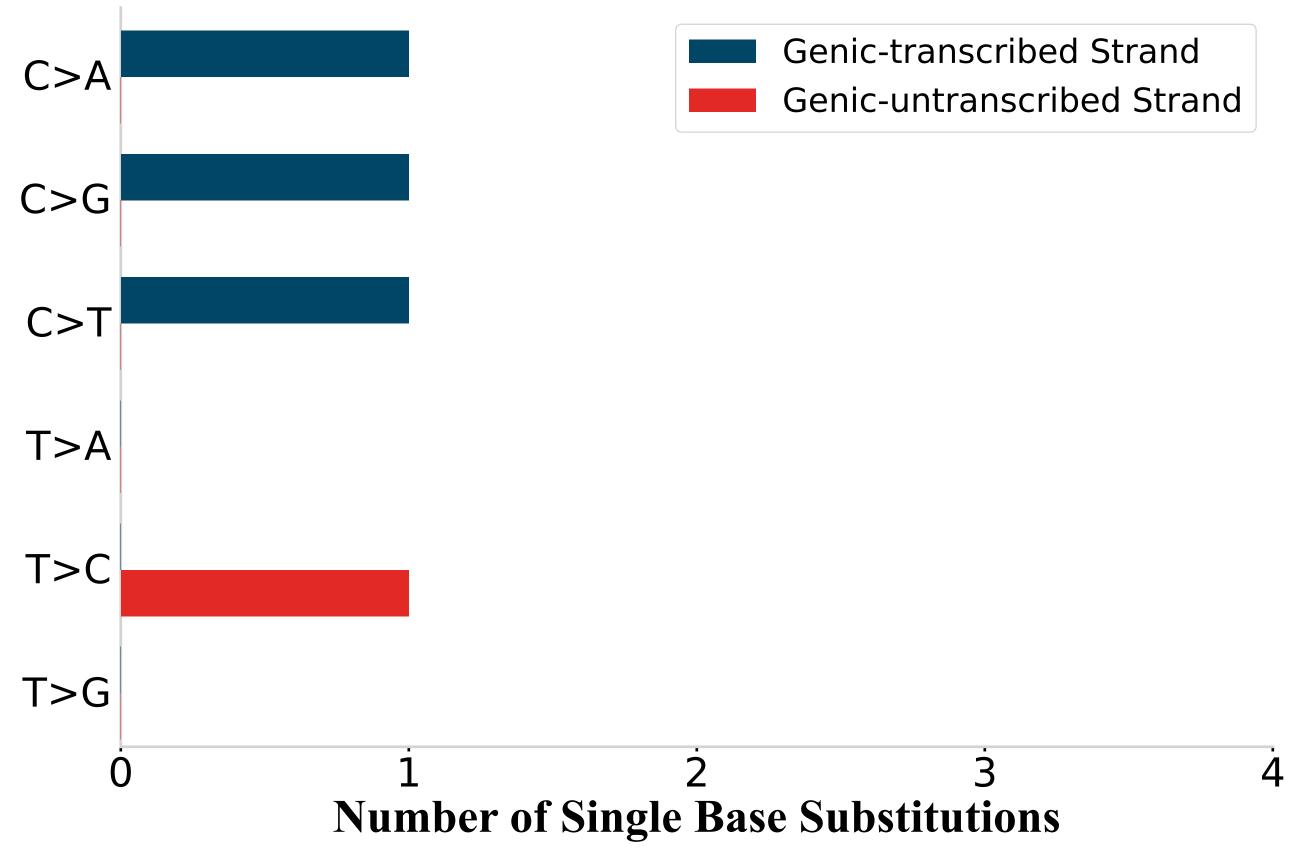
P-0034621-T01-IM6: 23 transcribed subs



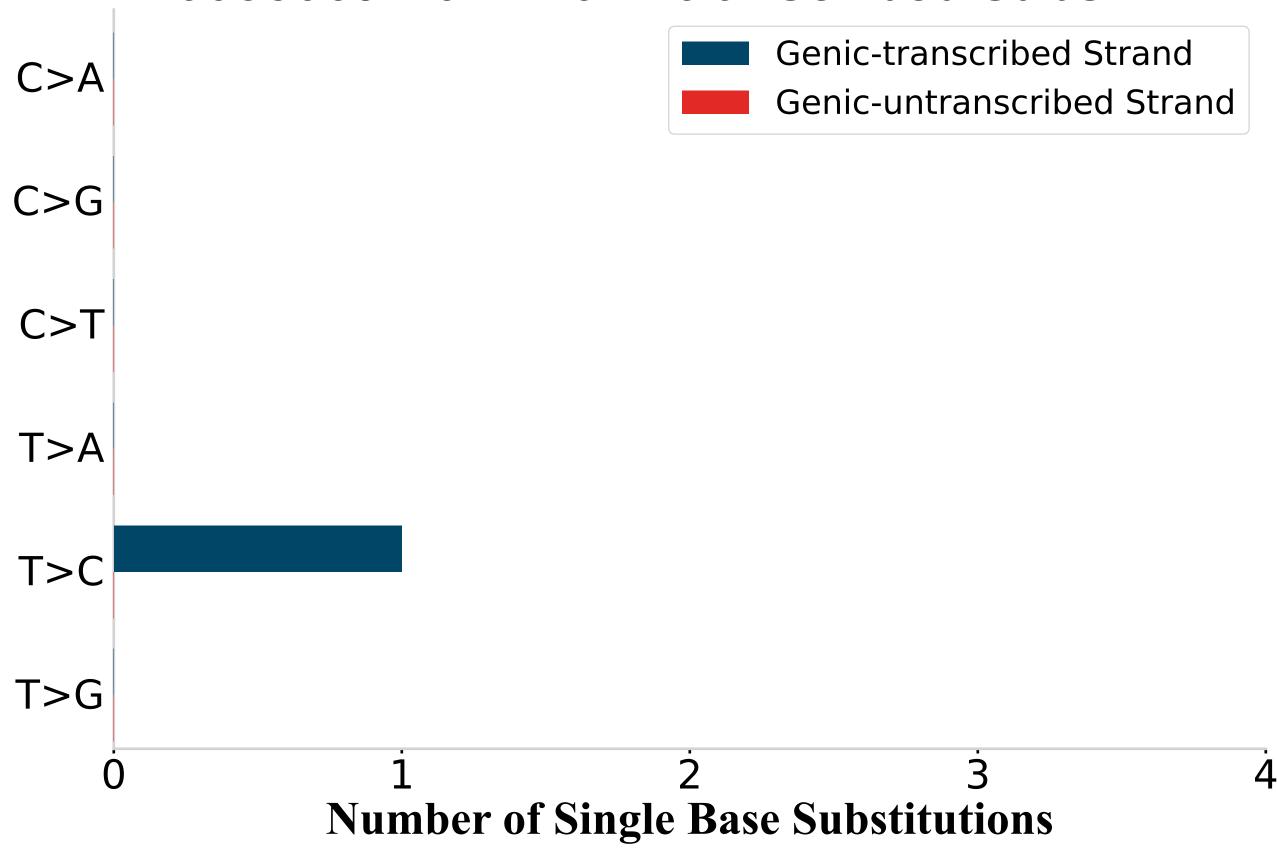
P-0034697-T01-IM6: 22 transcribed subs



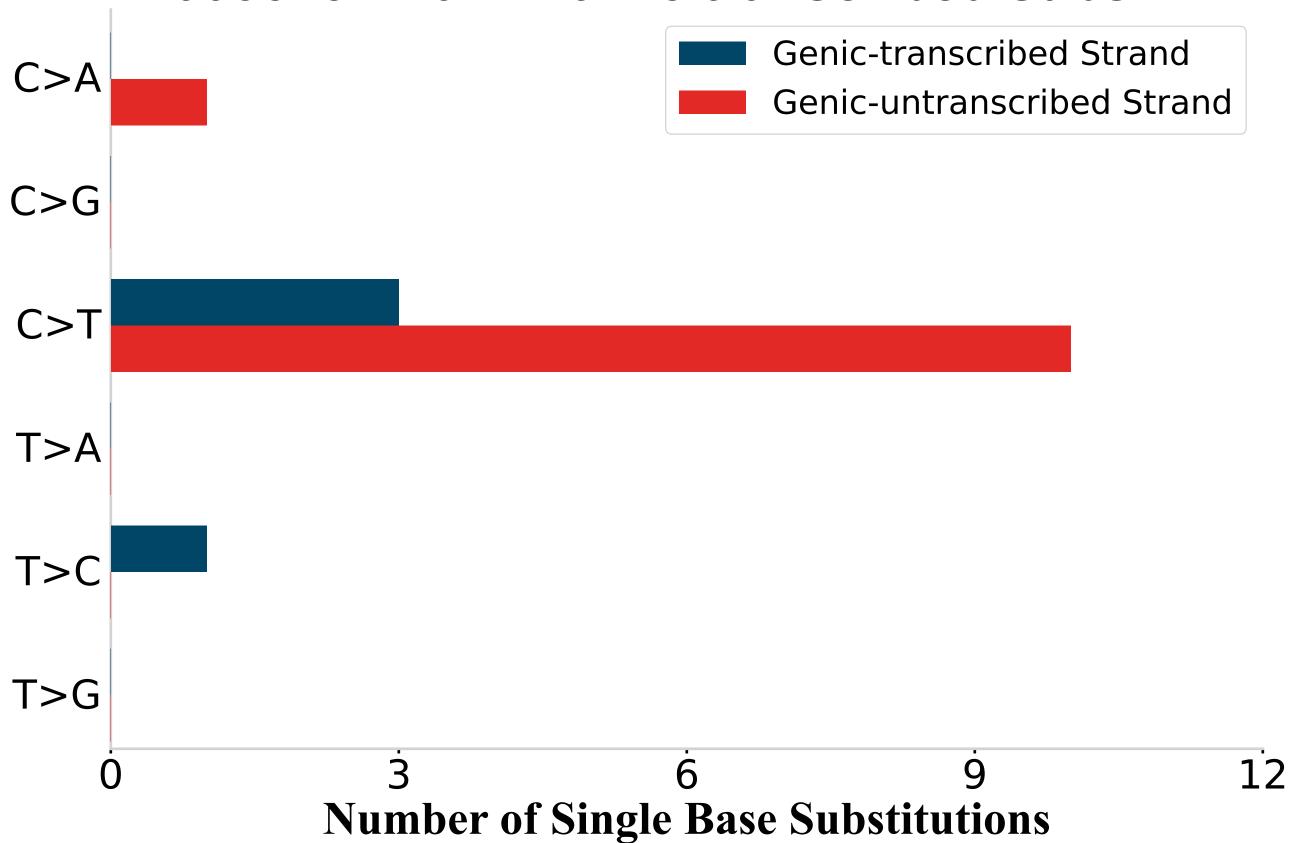
P-0034710-T01-IM6: 4 transcribed subs



P-0035069-T01-IM6: 1 transcribed subs

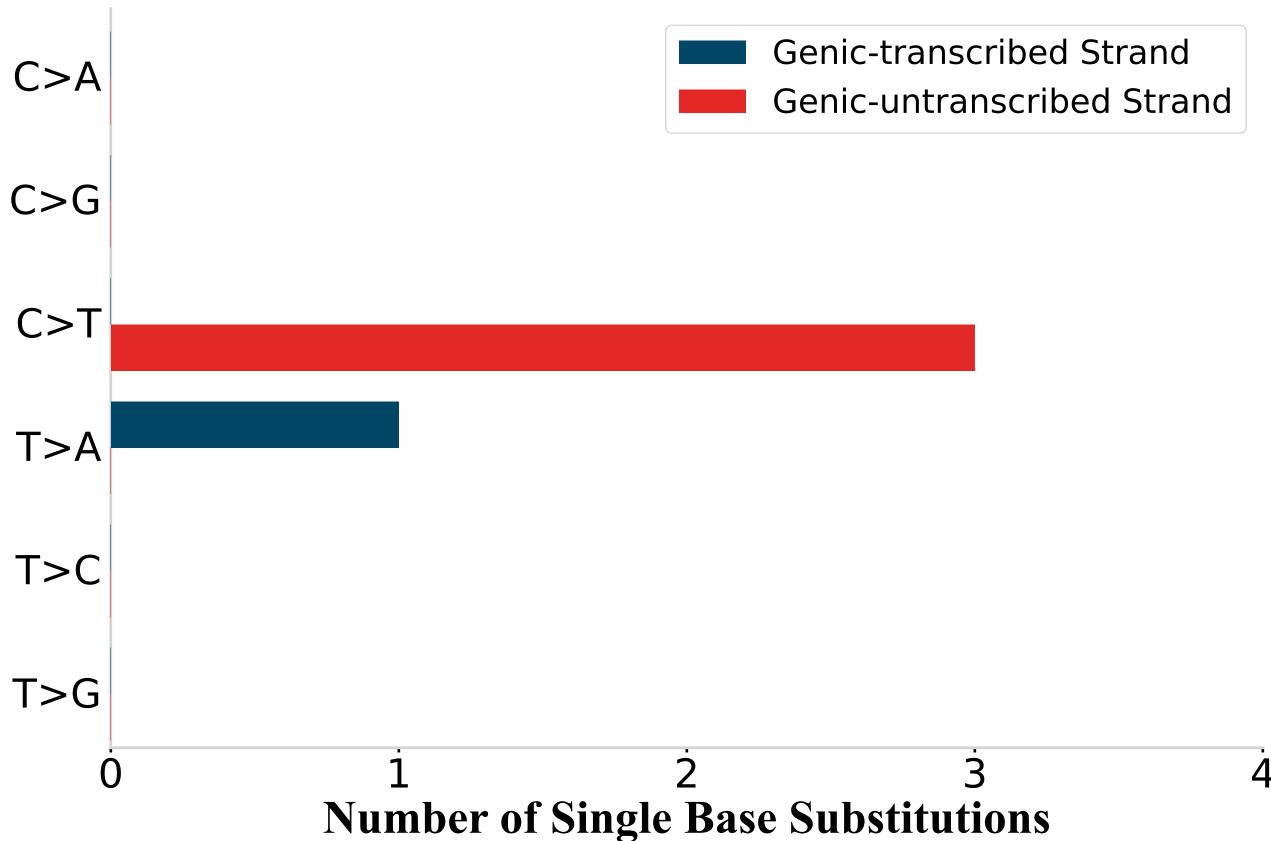


P-0035134-T01-IM6: 15 transcribed subs

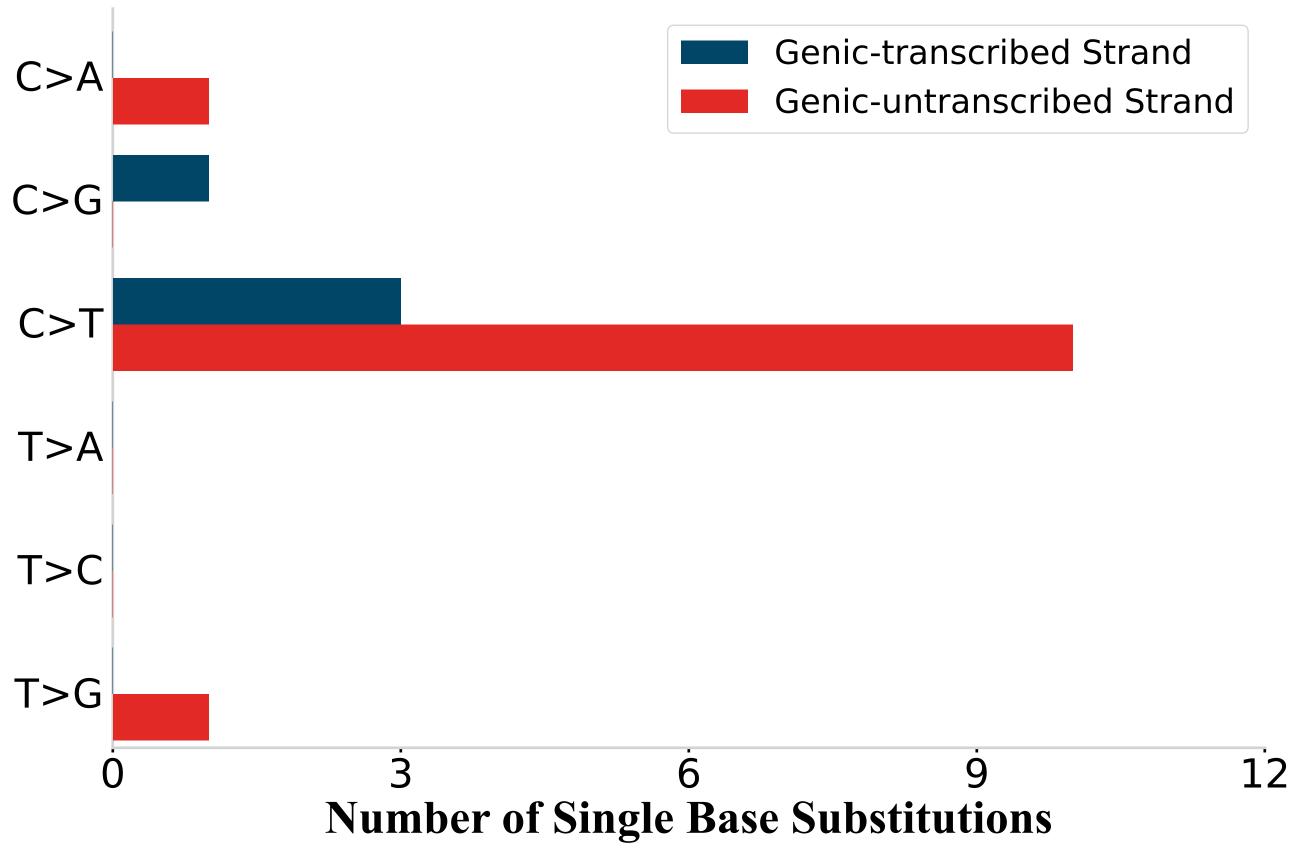


P-0035224-T01-IM6: 109 transcribed subs Genic-transcribed Strand C>A Genic-untranscribed Strand C>G C>T T>A T>C T>G 15 30 45 60 **Number of Single Base Substitutions**

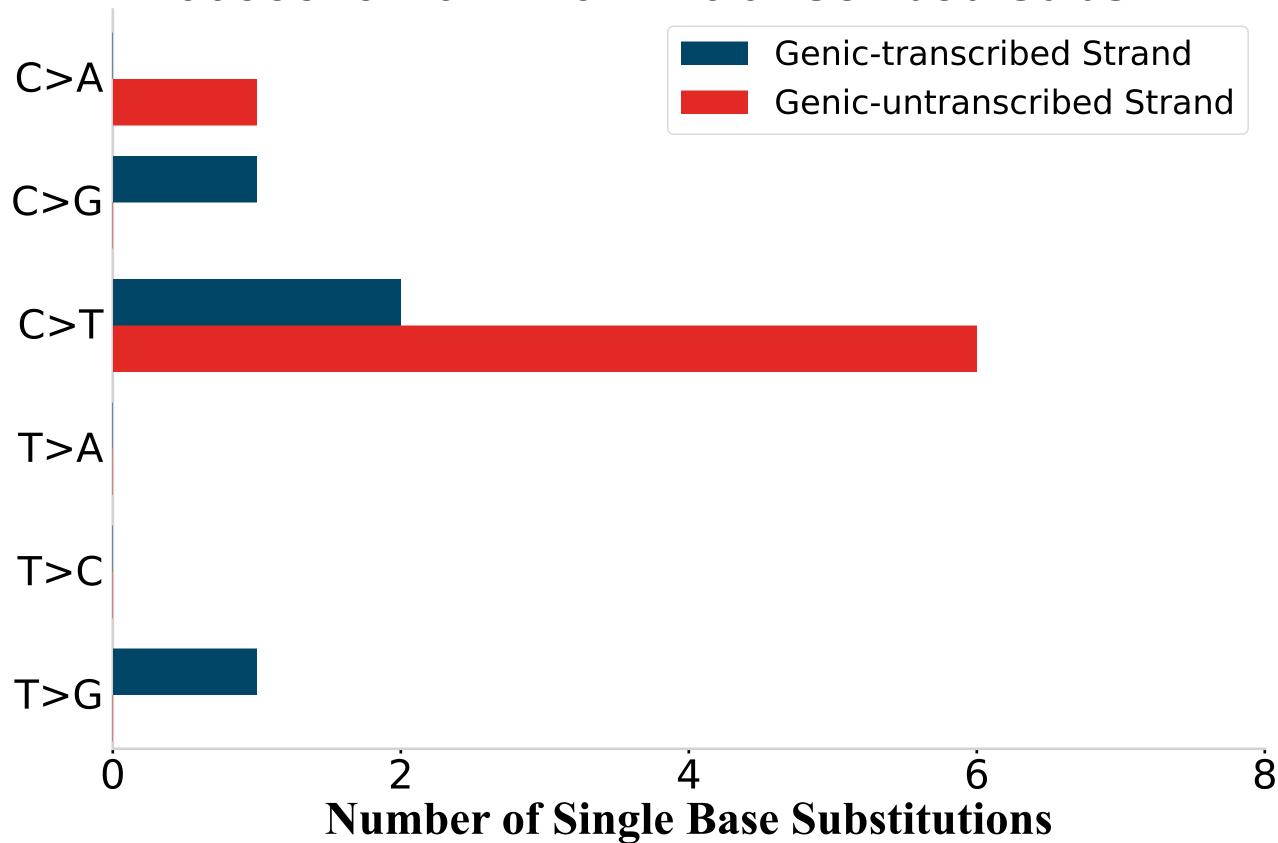
P-0035430-T01-IM6: 4 transcribed subs



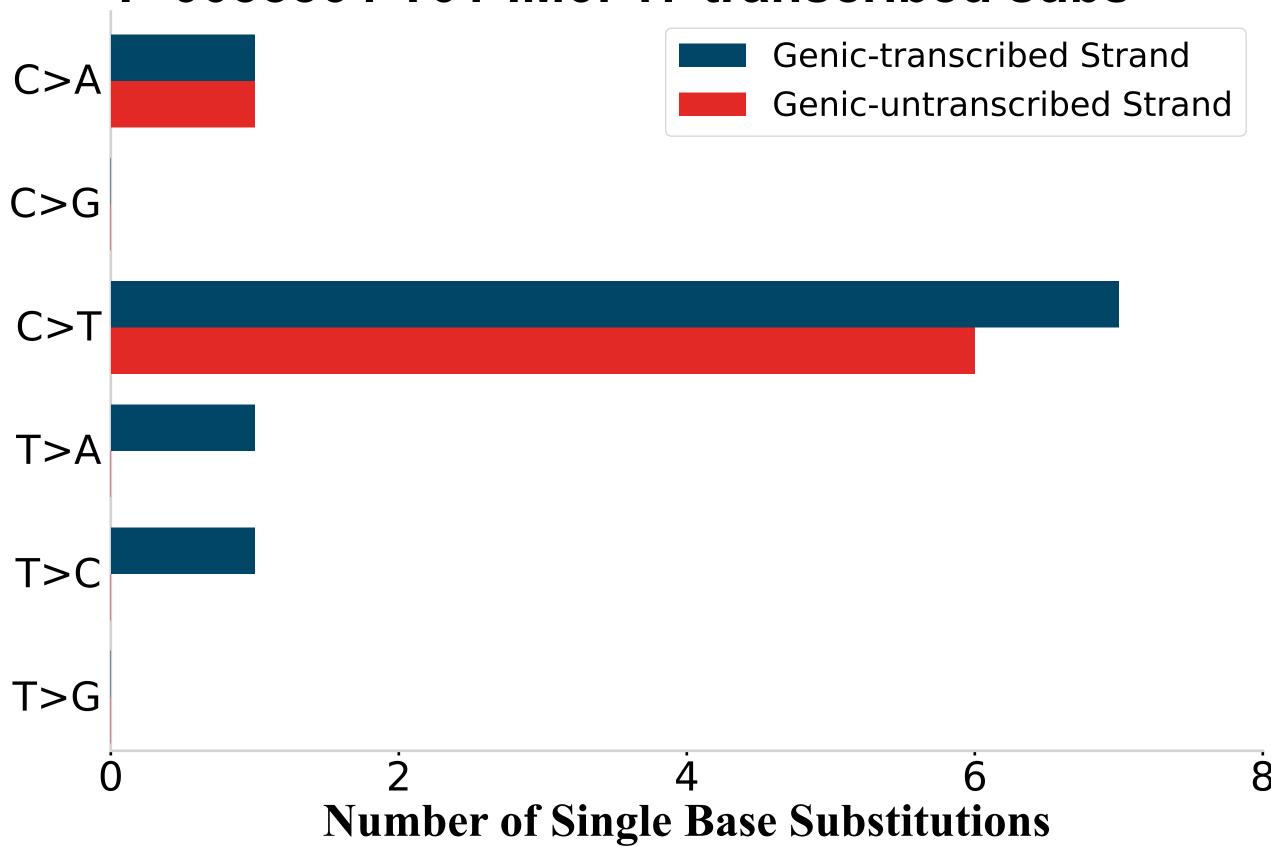
P-0035511-T02-IM6: 16 transcribed subs



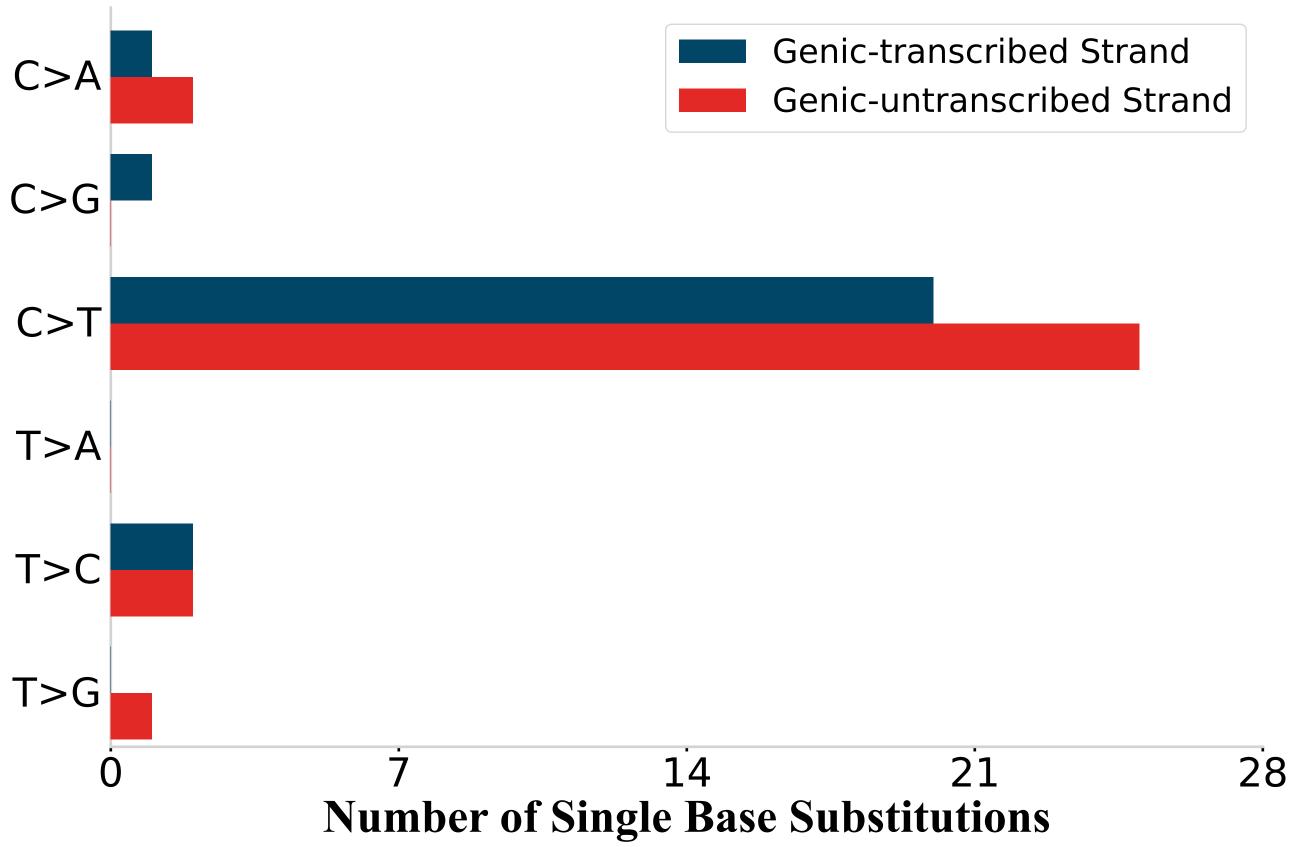
P-0035523-T01-IM6: 11 transcribed subs



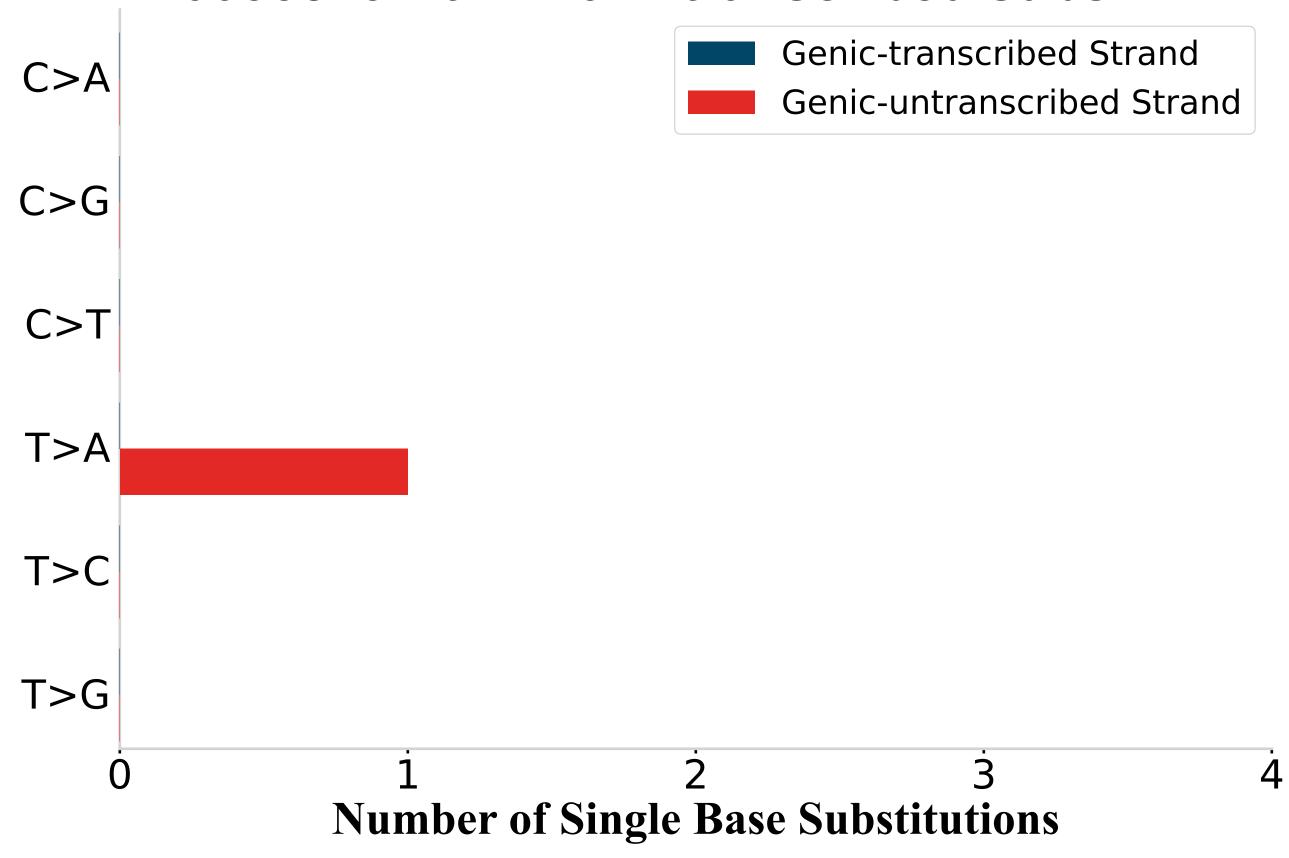
P-0035564-T01-IM6: 17 transcribed subs



P-0035784-T01-IM6: 54 transcribed subs



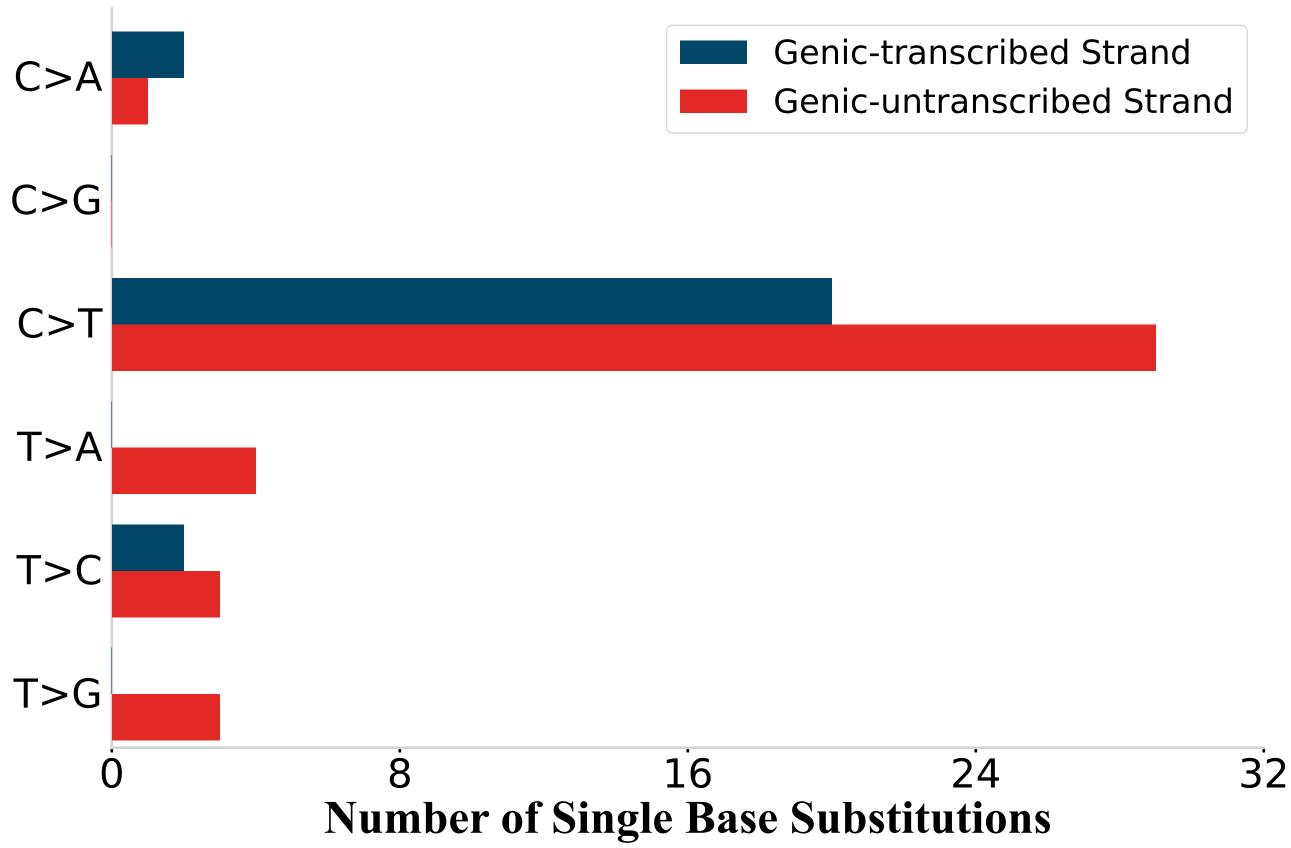
P-0035813-T01-IM6: 1 transcribed subs



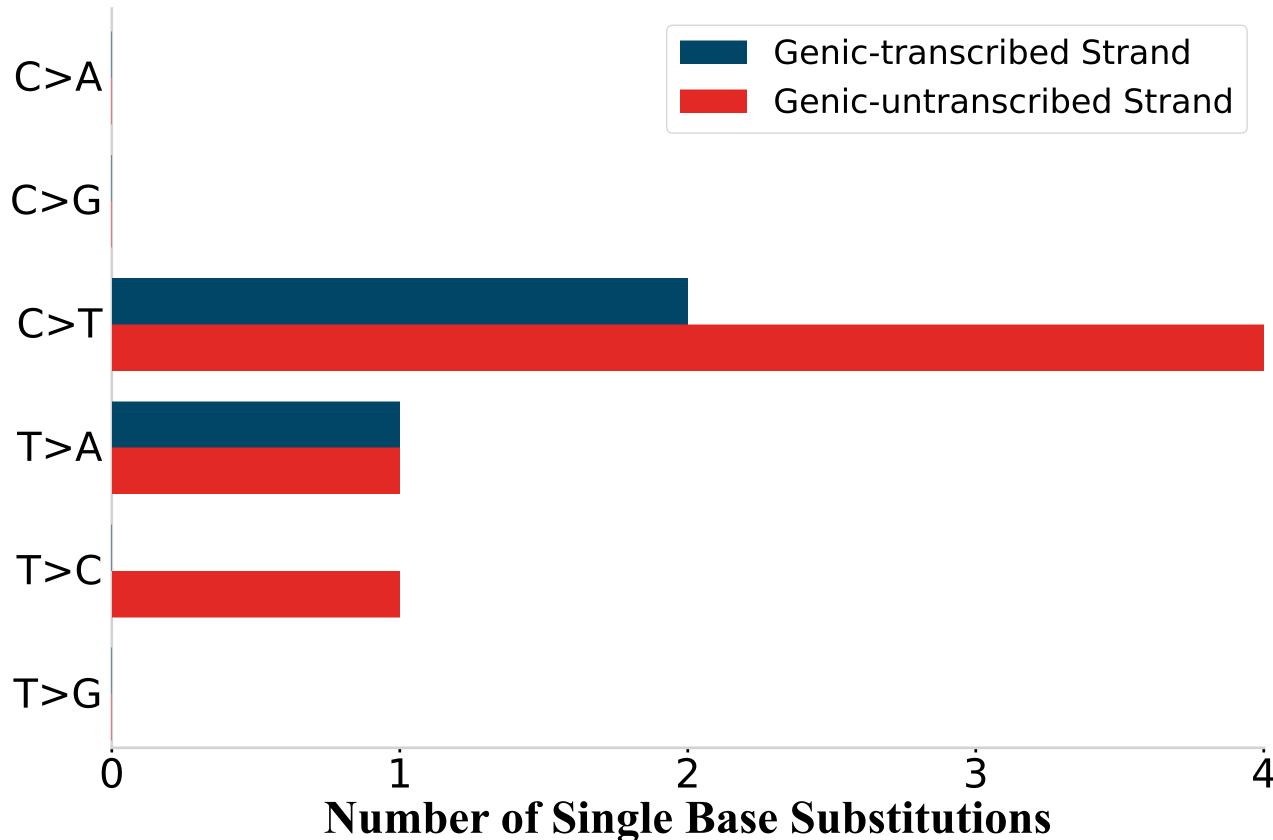
P-0035910-T01-IM6: 119 transcribed subs Genic-transcribed Strand Genic-untranscribed Strand C>T T>A T>C 21 84 42 63

Number of Single Base Substitutions

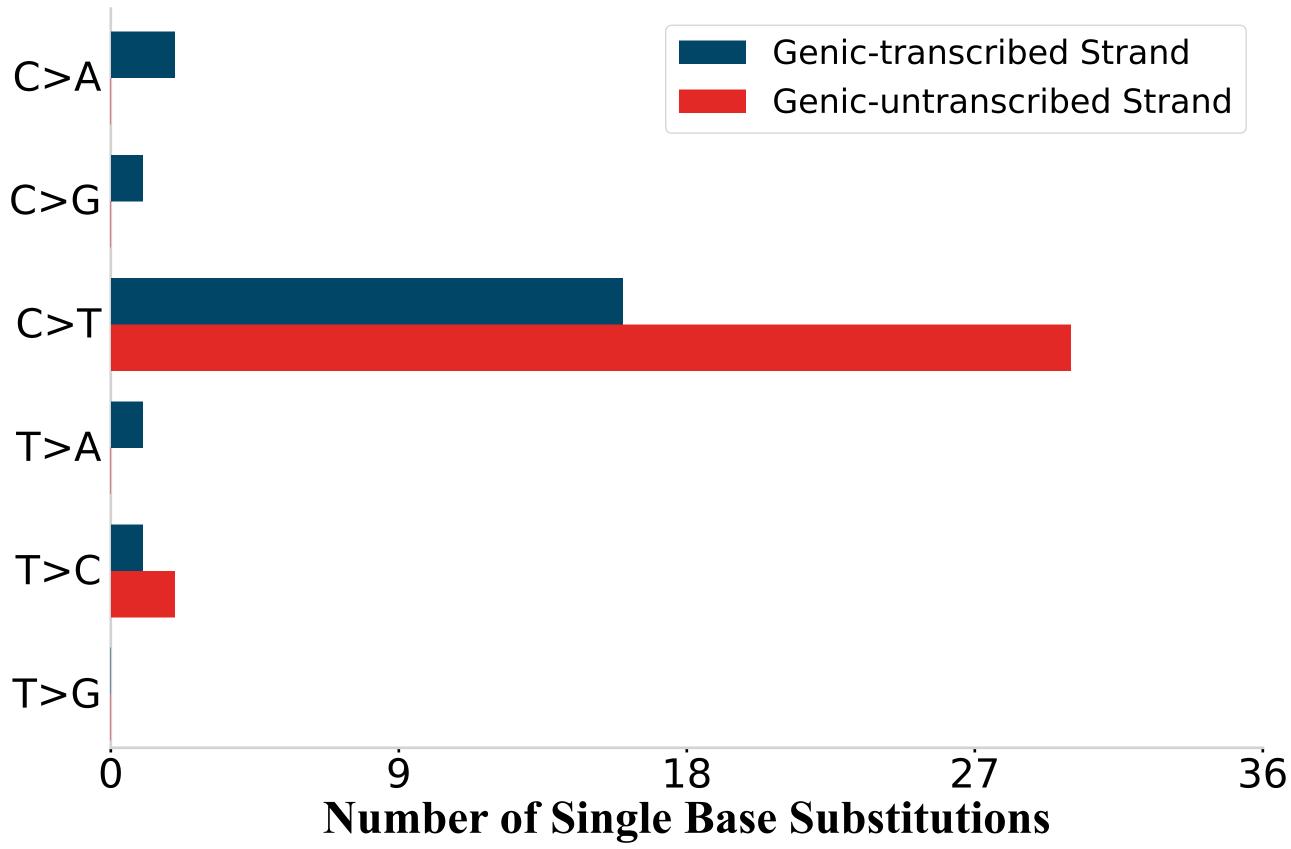
P-0035974-T01-IM6: 64 transcribed subs



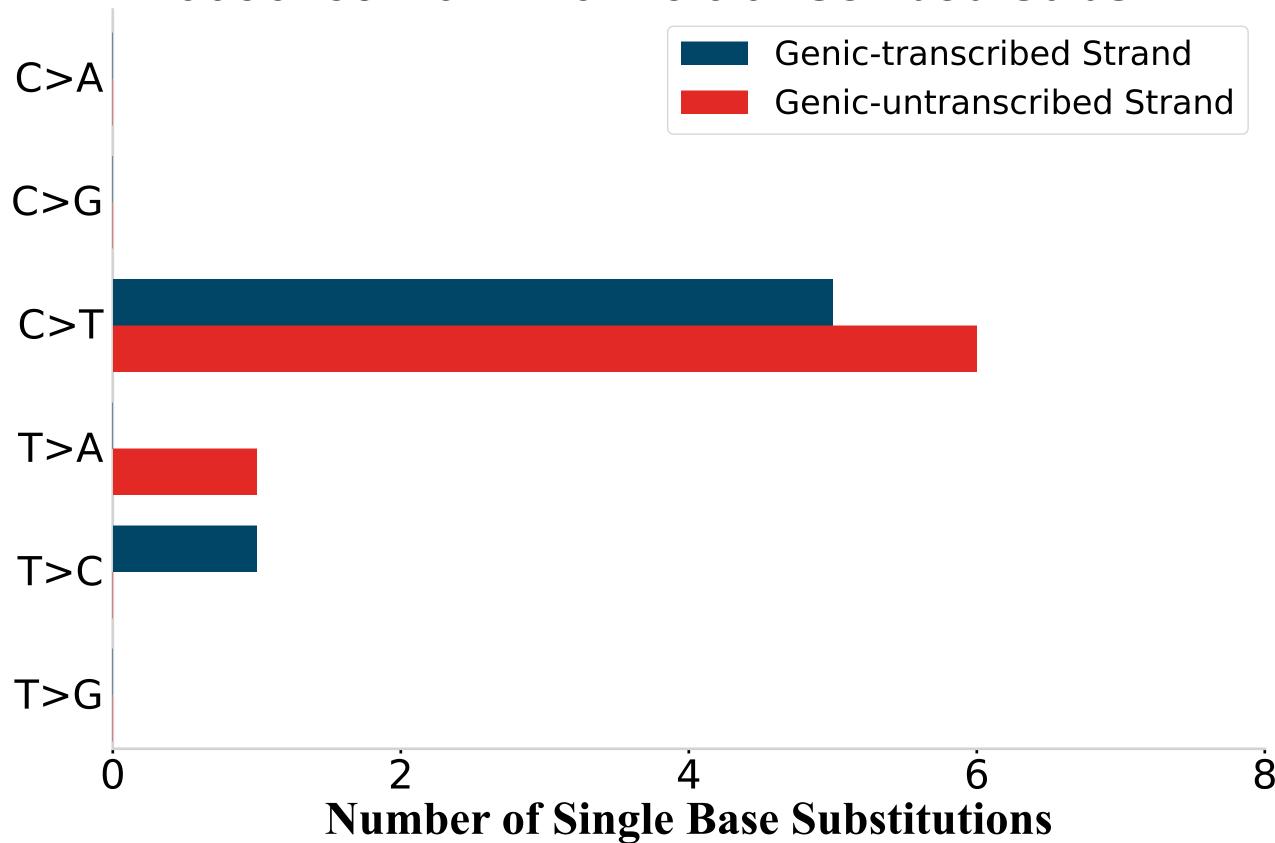
P-0036089-T01-IM6: 9 transcribed subs



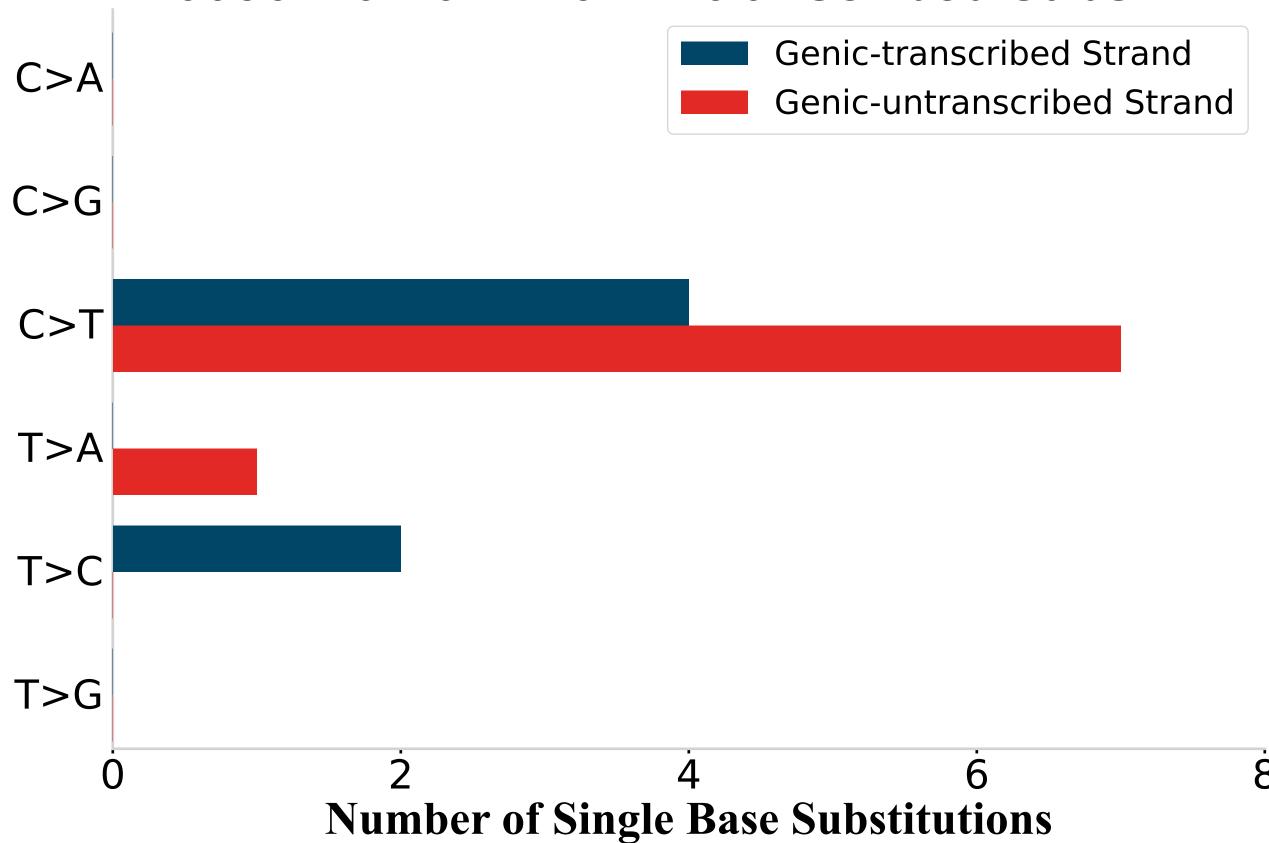
P-0036095-T01-IM6: 53 transcribed subs



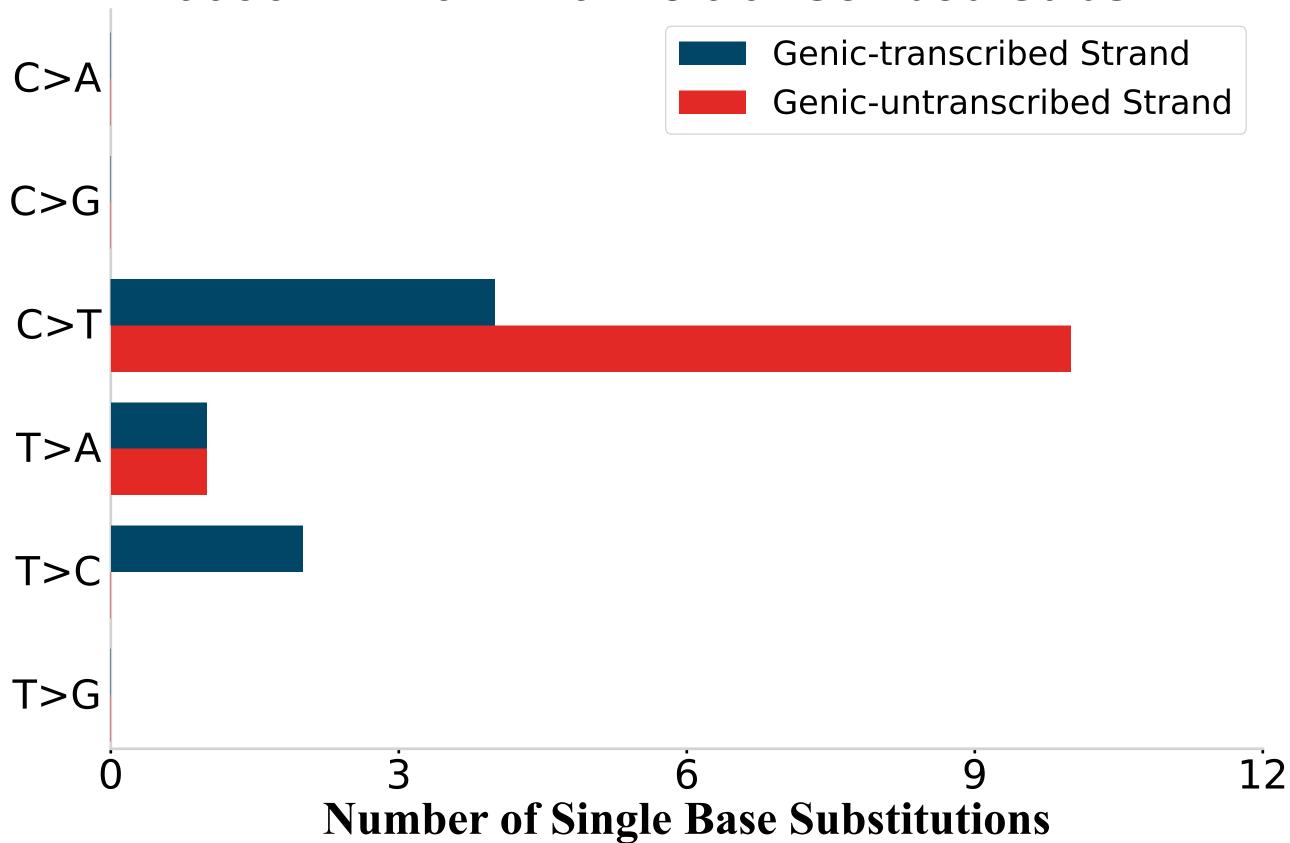
P-0036159-T01-IM6: 13 transcribed subs



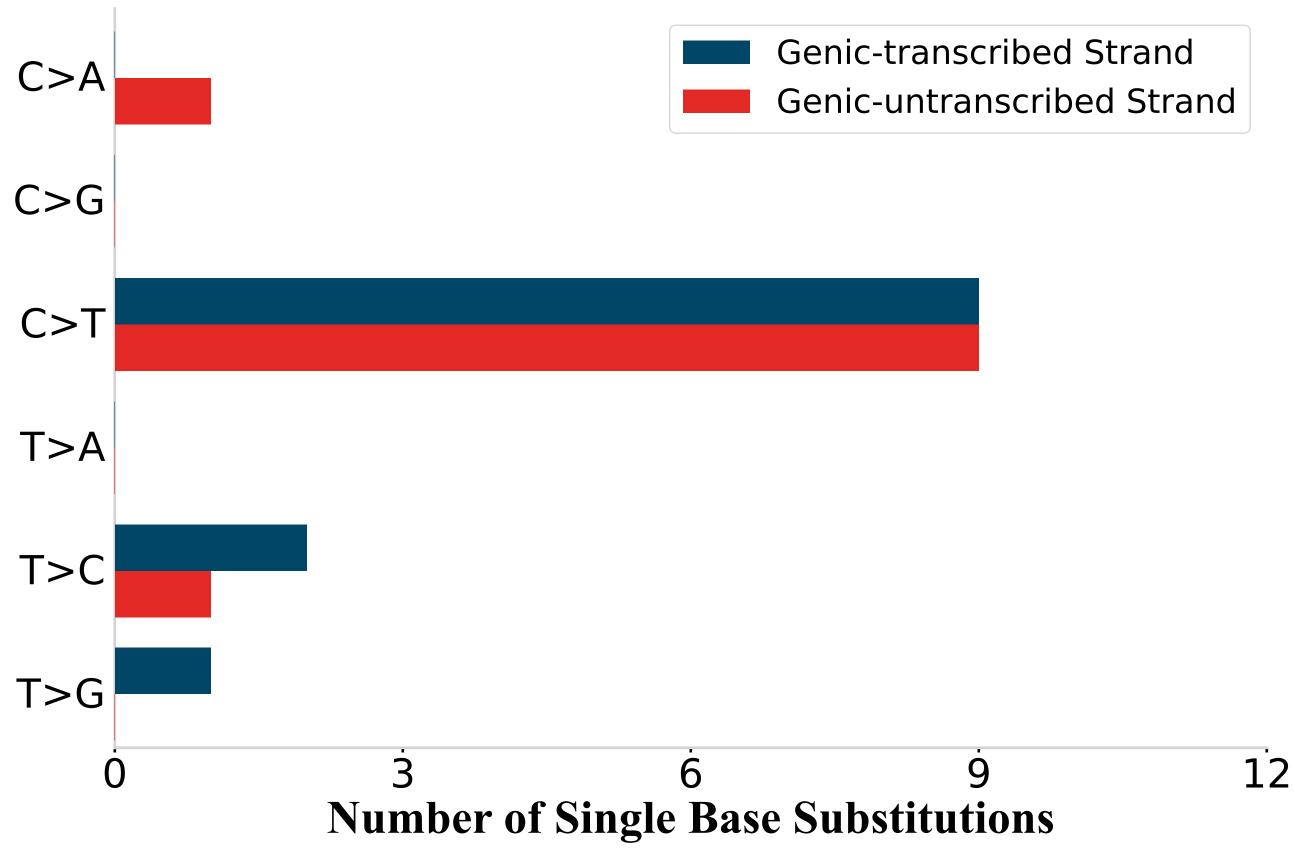
P-0036240-T01-IM6: 14 transcribed subs



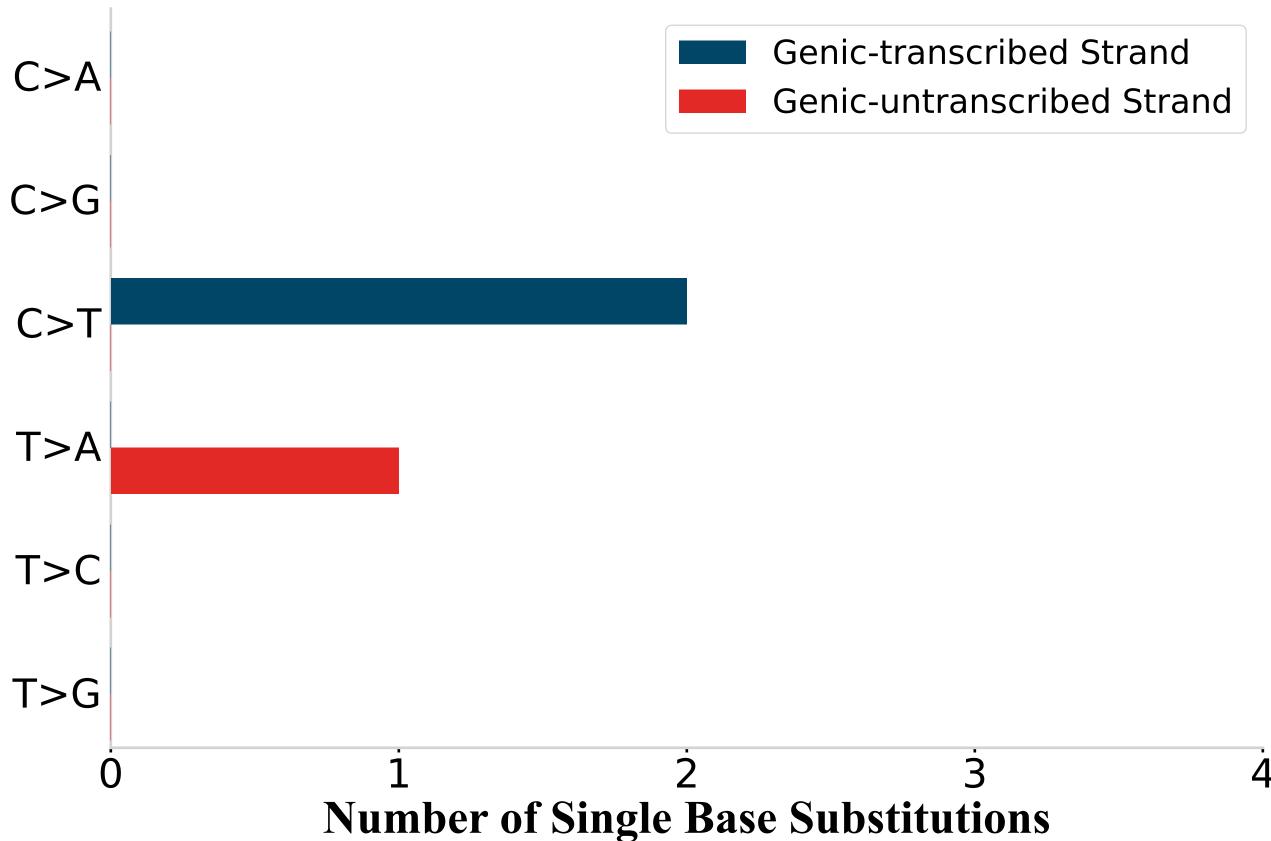
P-0036241-T01-IM6: 18 transcribed subs



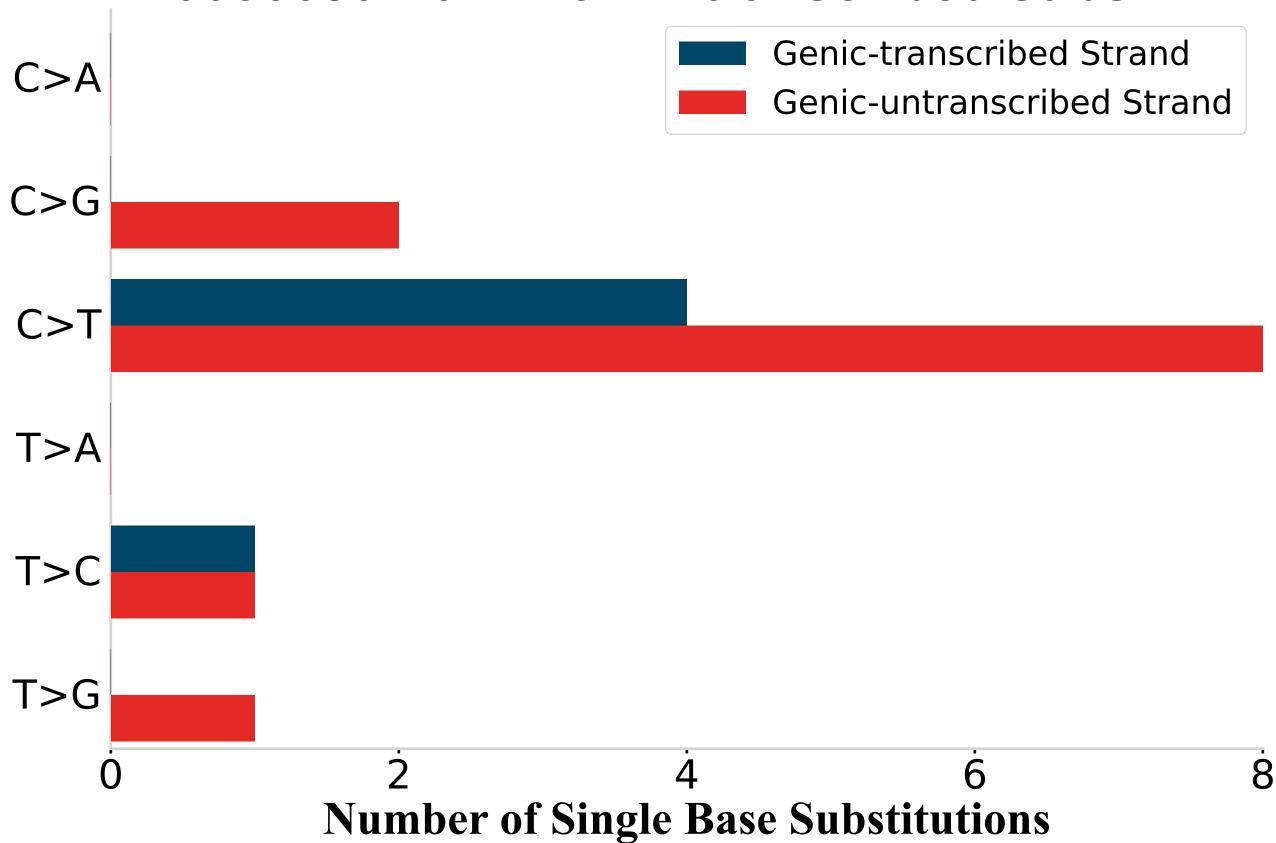
P-0036260-T01-IM6: 23 transcribed subs



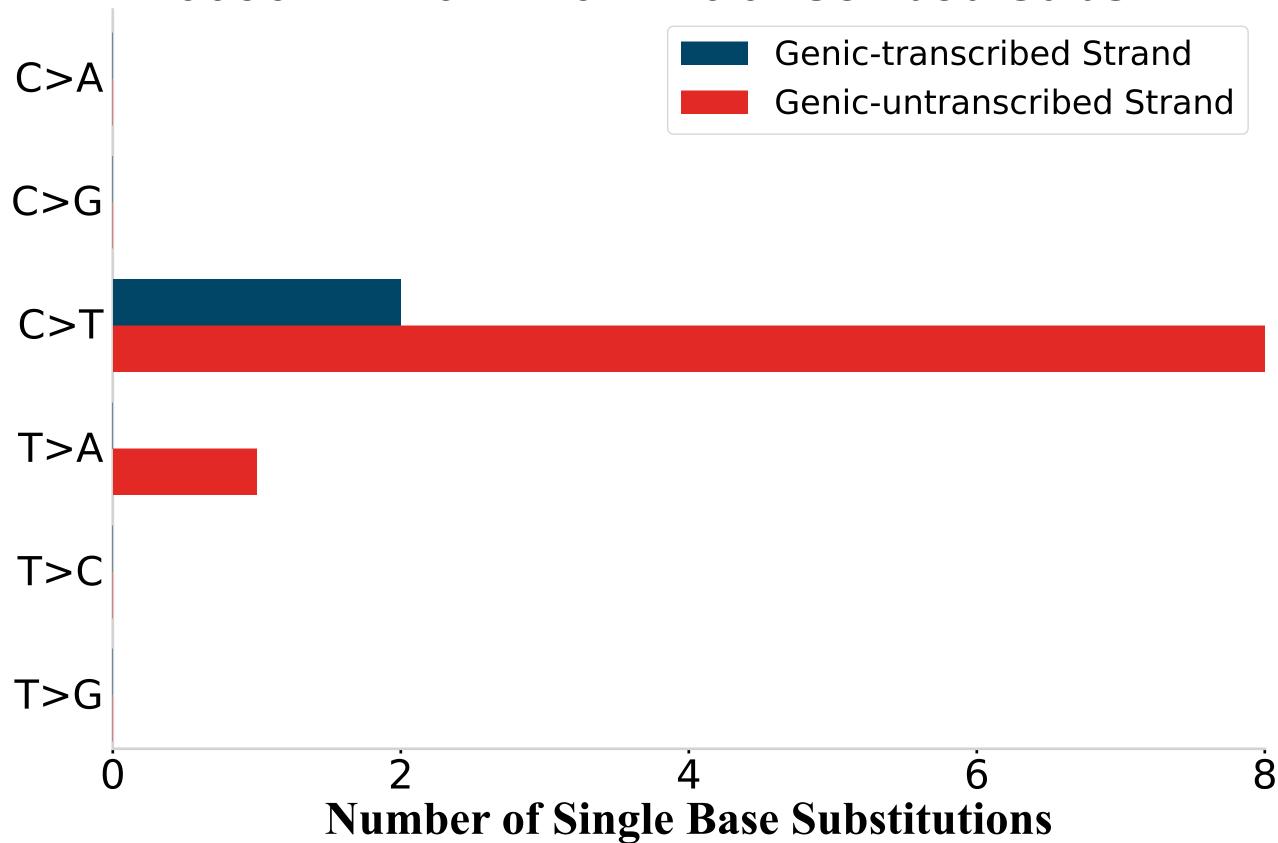
P-0036578-T01-IM6: 3 transcribed subs



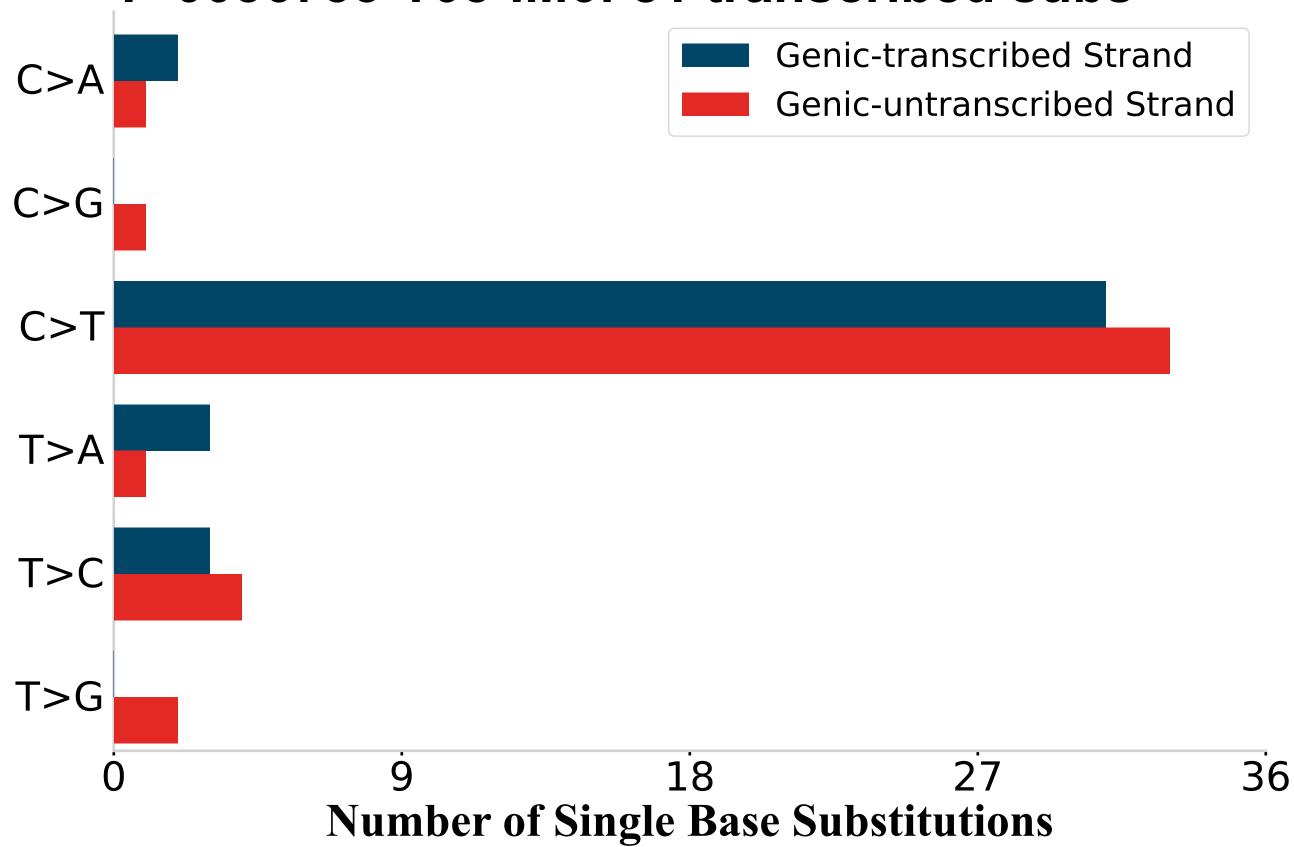
P-0036680-T01-IM6: 17 transcribed subs



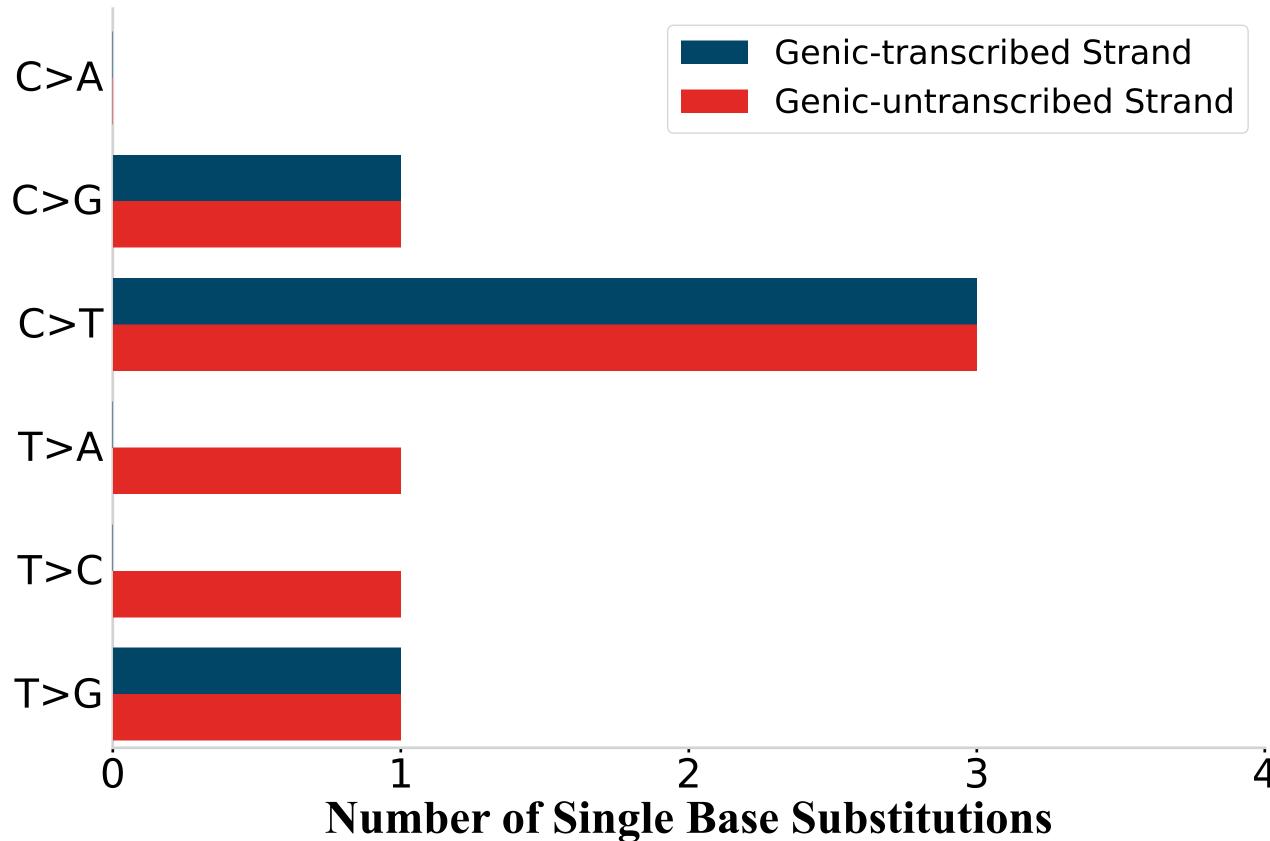
P-0036712-T01-IM6: 11 transcribed subs



P-0036733-T05-IM6: 81 transcribed subs

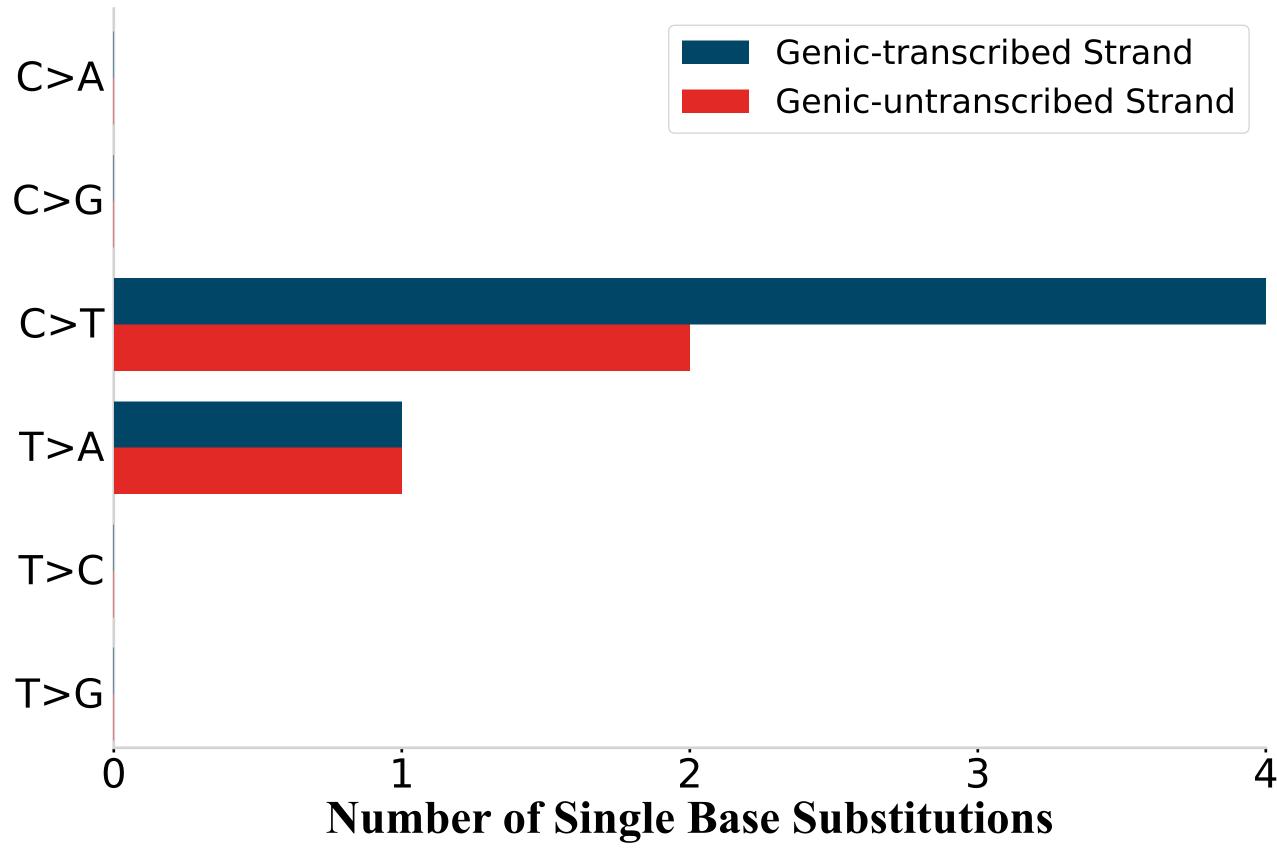


P-0036794-T01-IM6: 12 transcribed subs

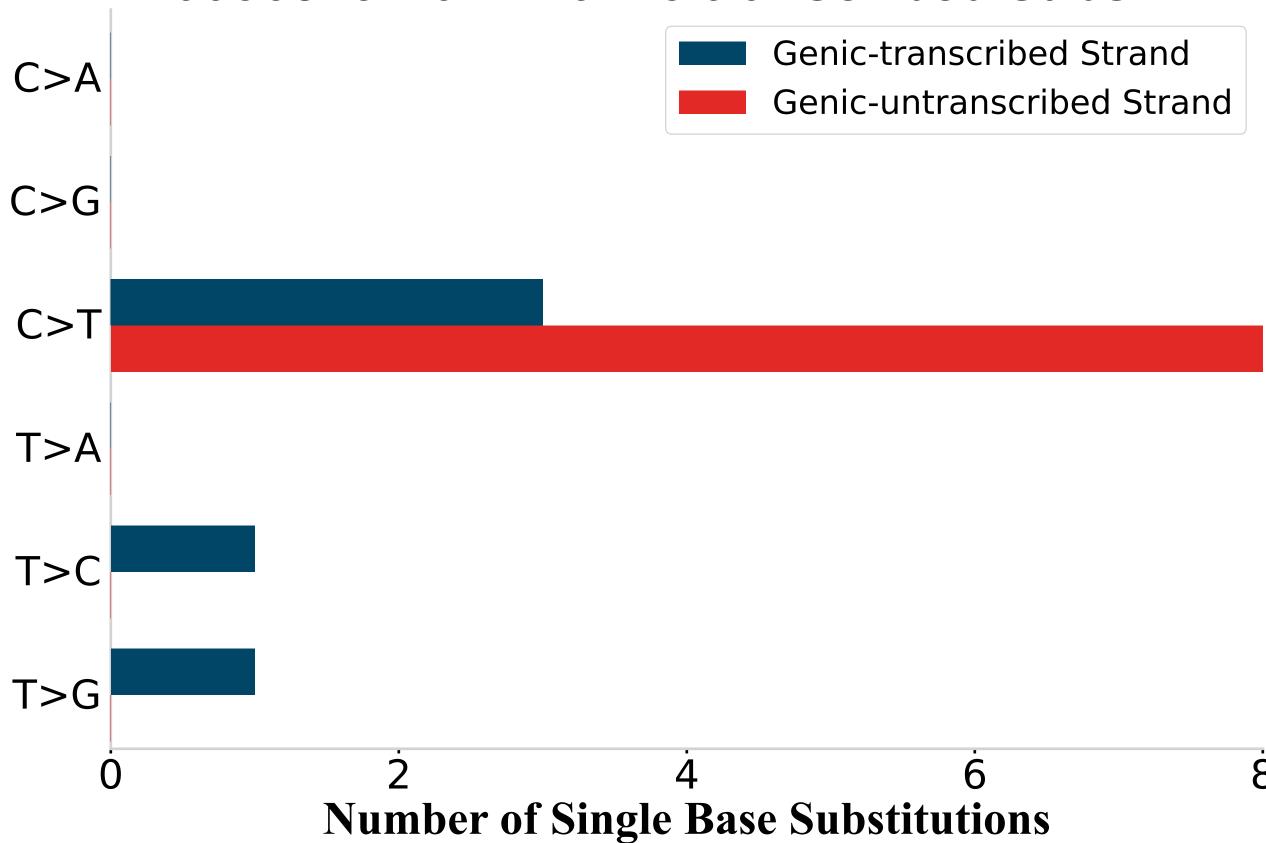


P-0036809-T01-IM6: 154 transcribed subs Genic-transcribed Strand C>A Genic-untranscribed Strand C>T T>AT>C T>G 23 46 69 92 **Number of Single Base Substitutions**

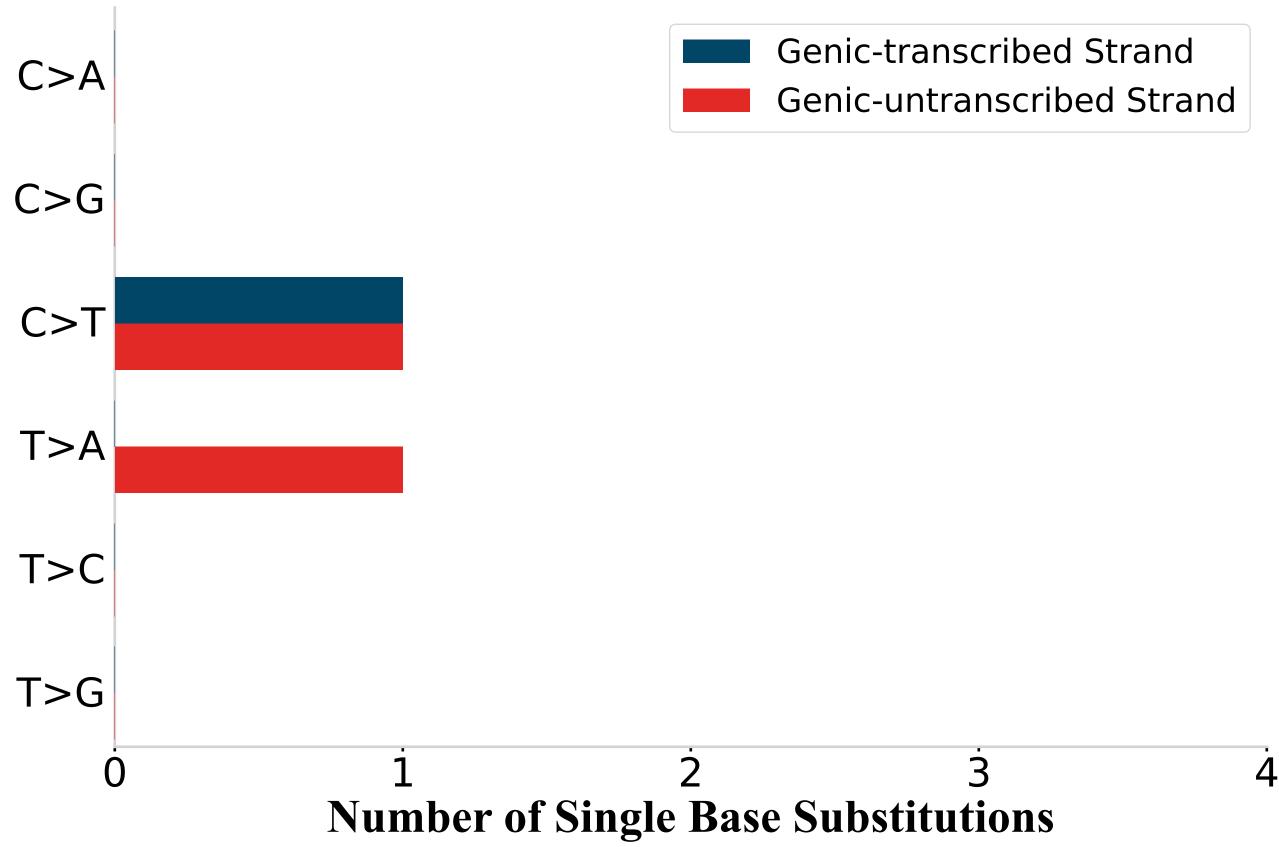
P-0036862-T01-IM6: 8 transcribed subs



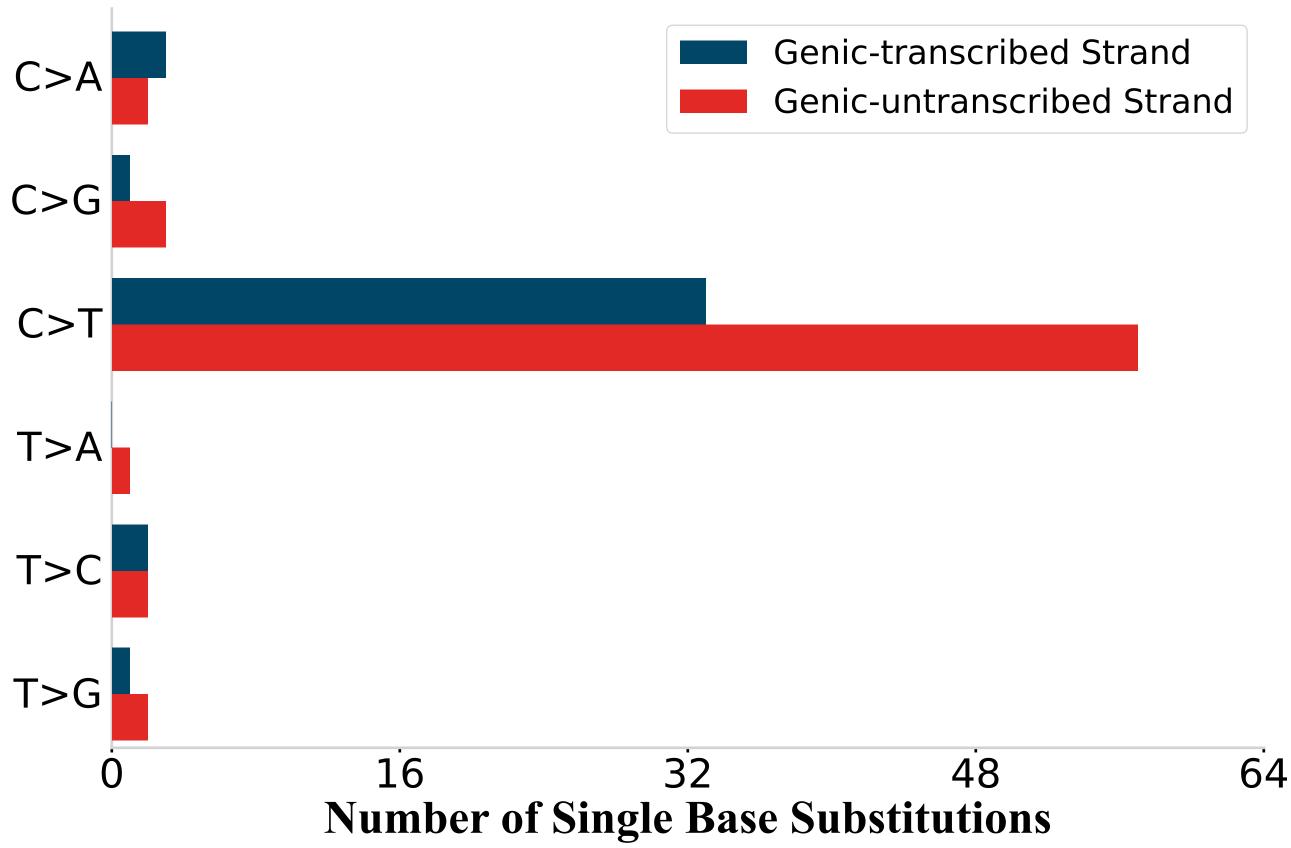
P-0036873-T01-IM6: 13 transcribed subs



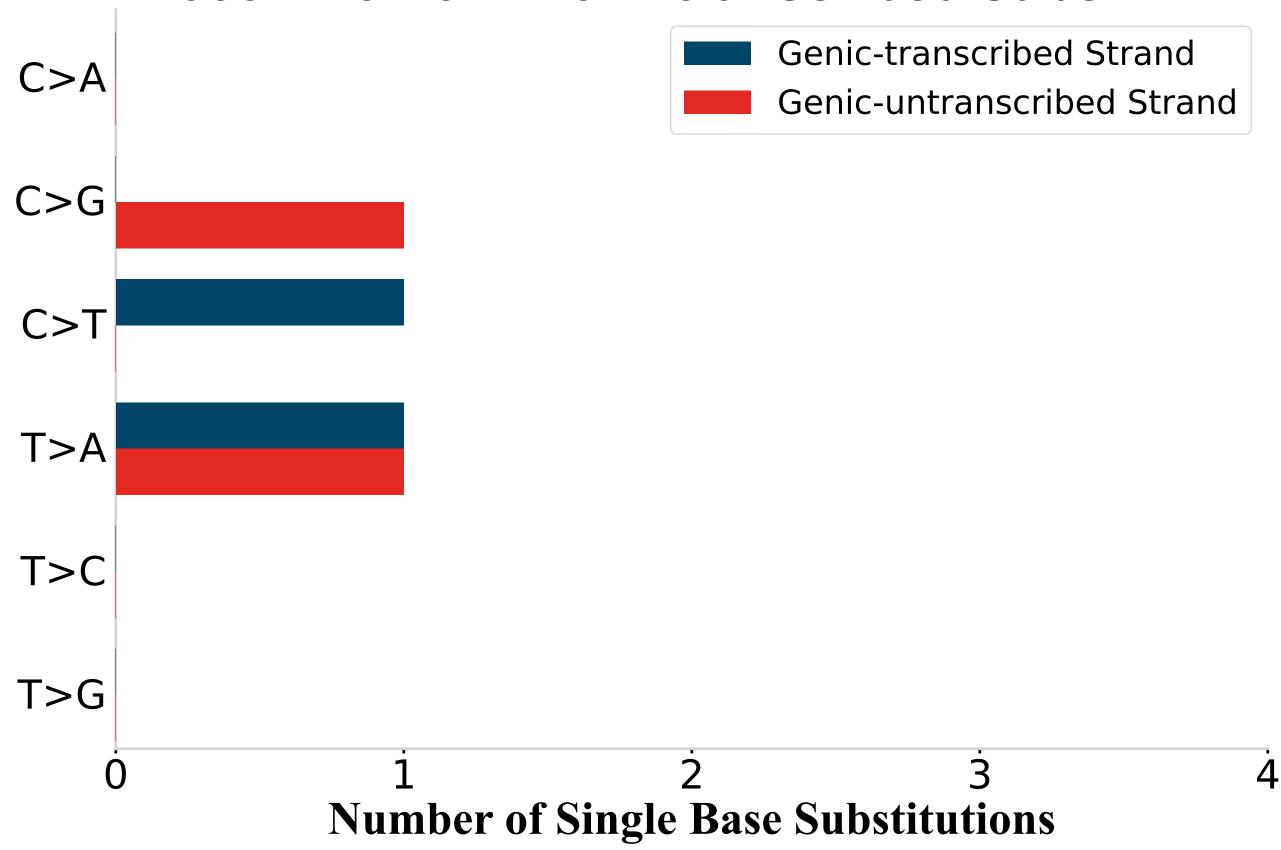
P-0037010-T01-IM6: 3 transcribed subs



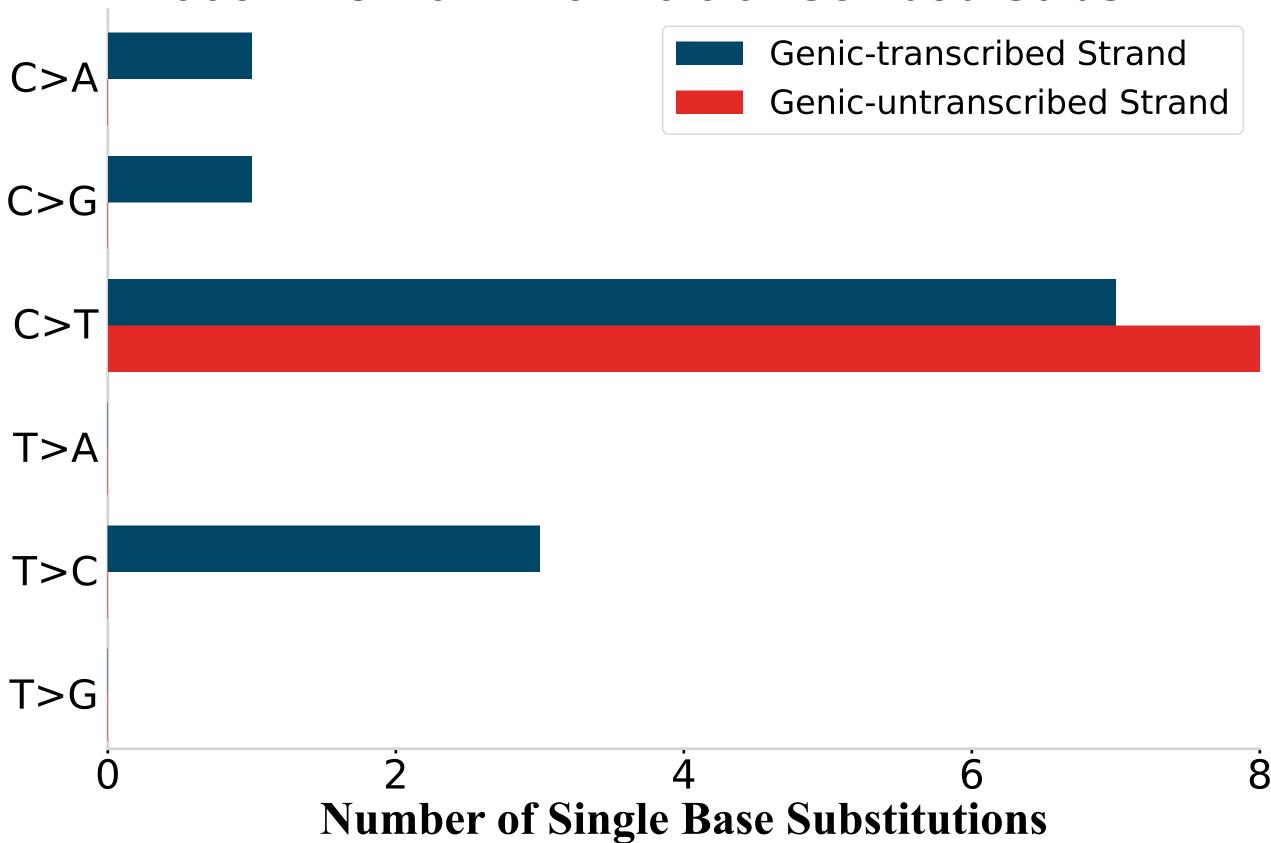
P-0037110-T01-IM6: 107 transcribed subs



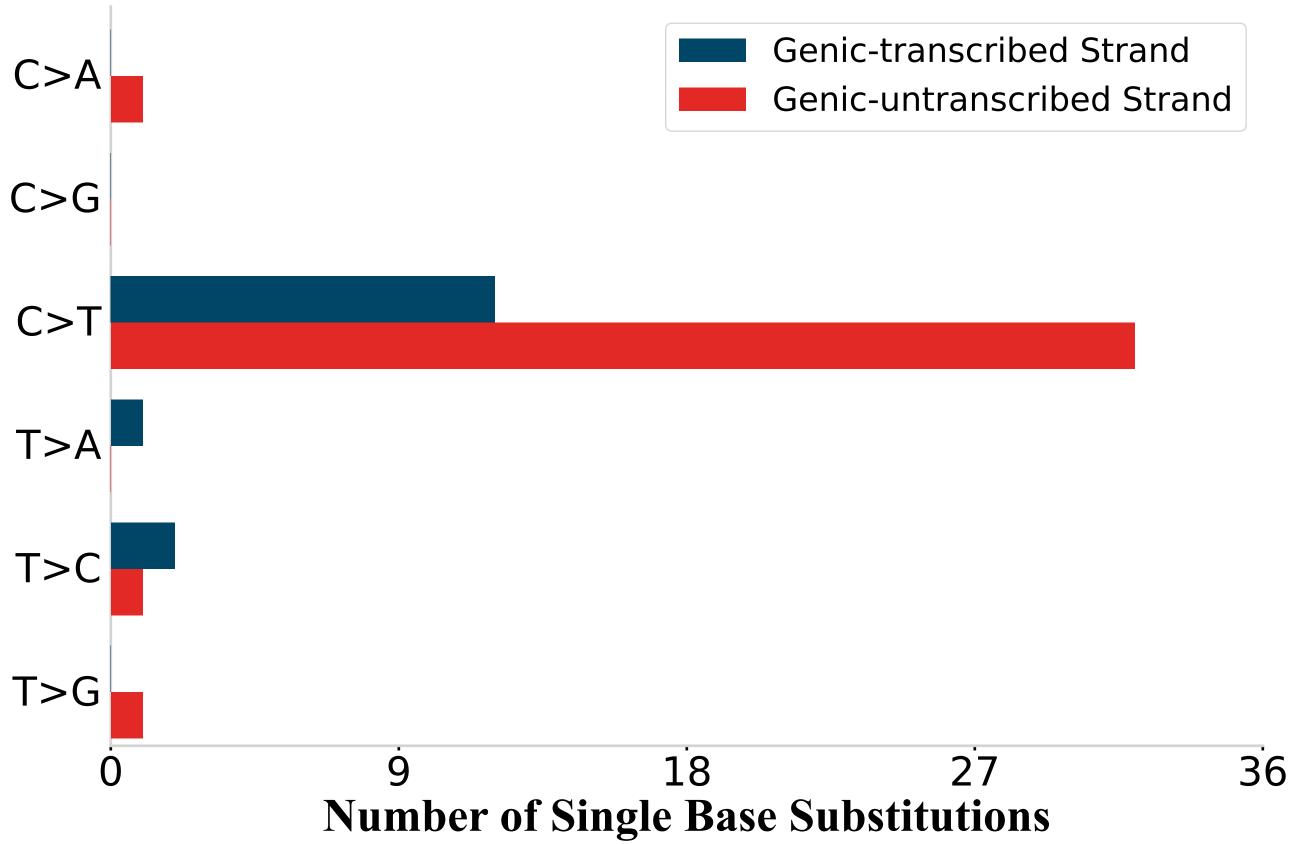
P-0037116-T01-IM6: 4 transcribed subs



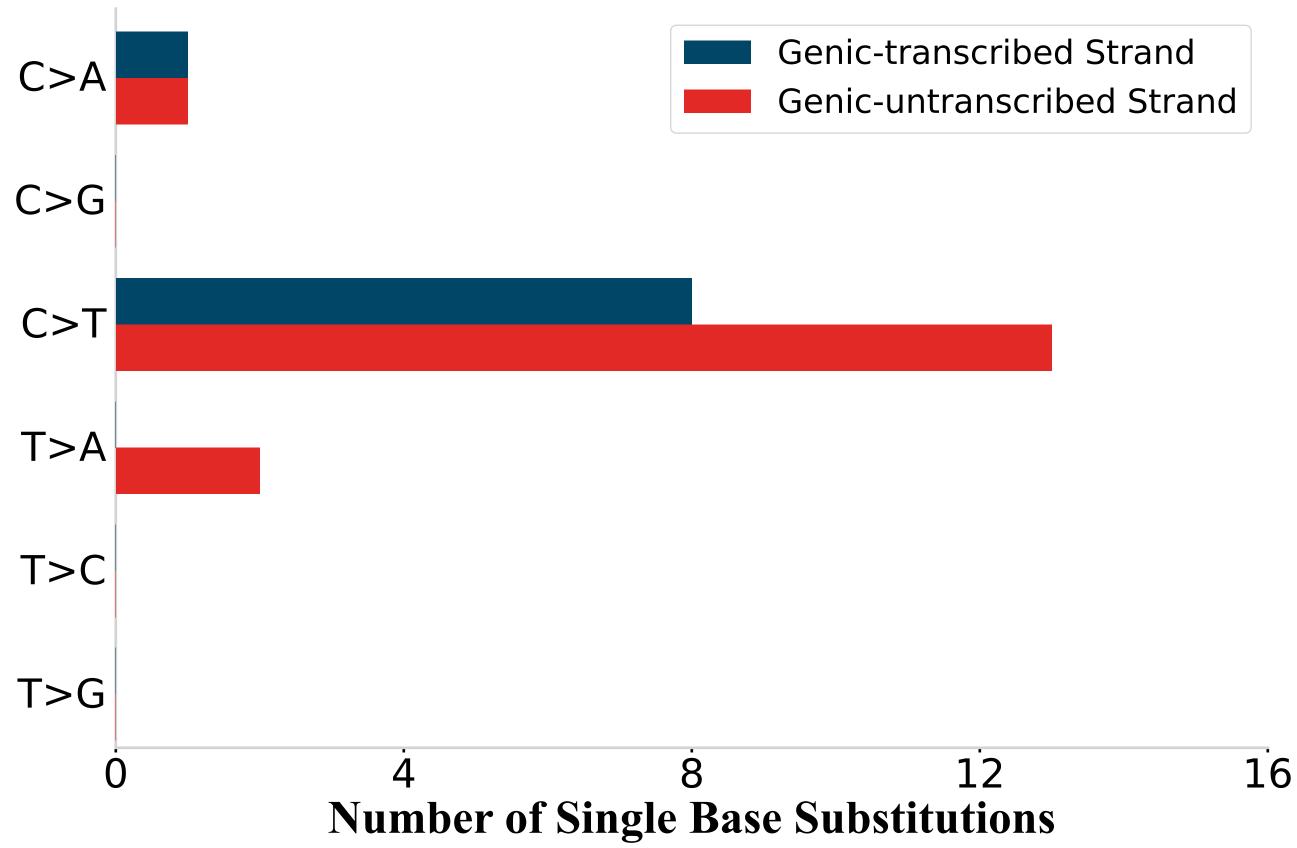
P-0037118-T01-IM6: 20 transcribed subs



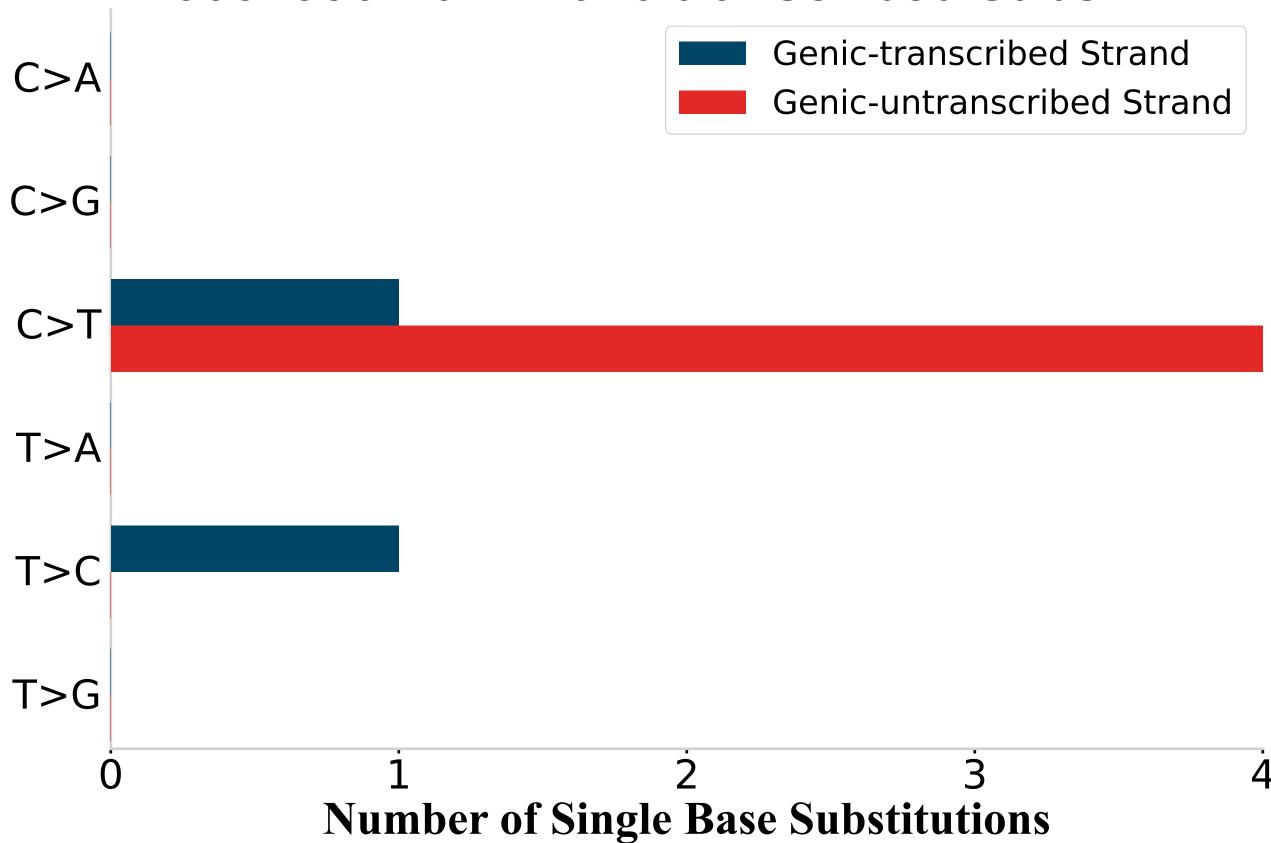
P-0037130-T01-IM6: 50 transcribed subs



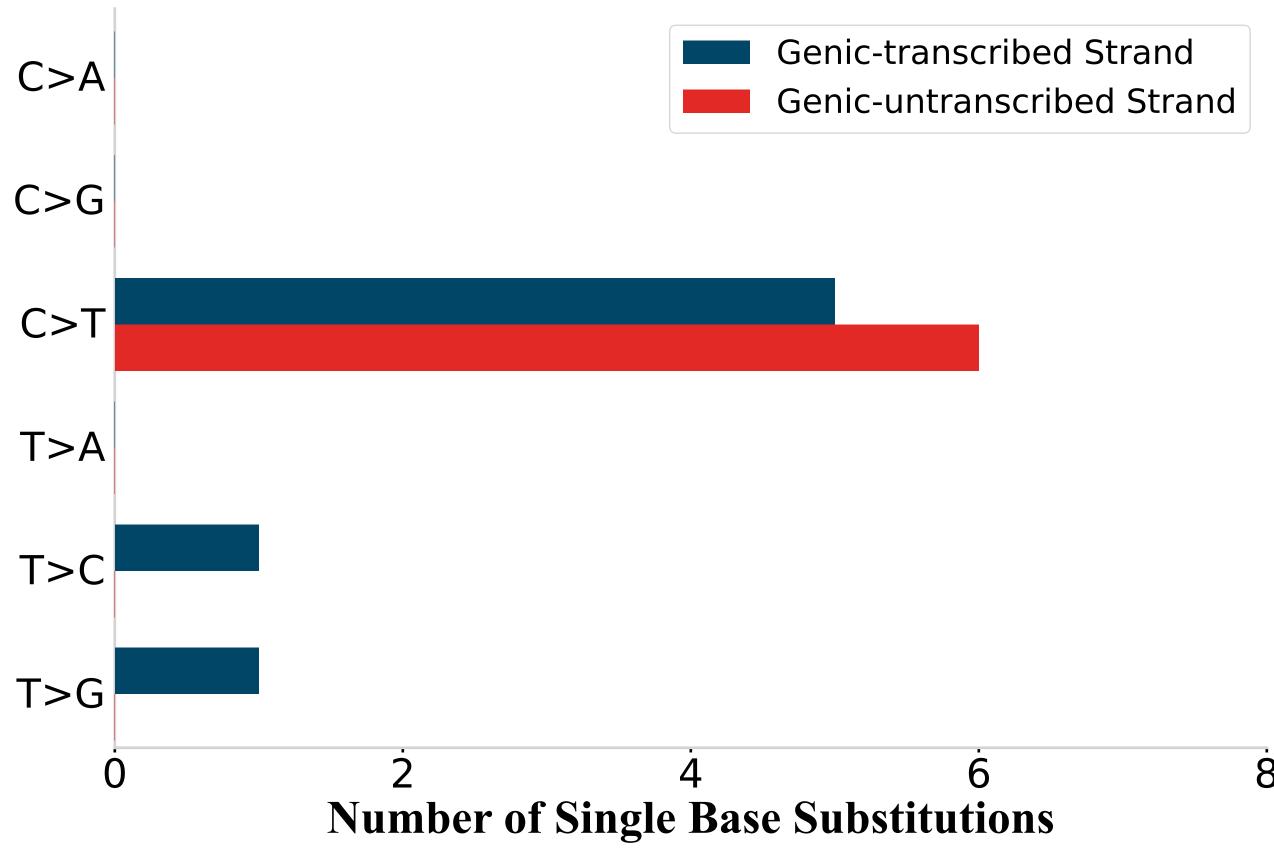
P-0037309-T01-IM6: 25 transcribed subs



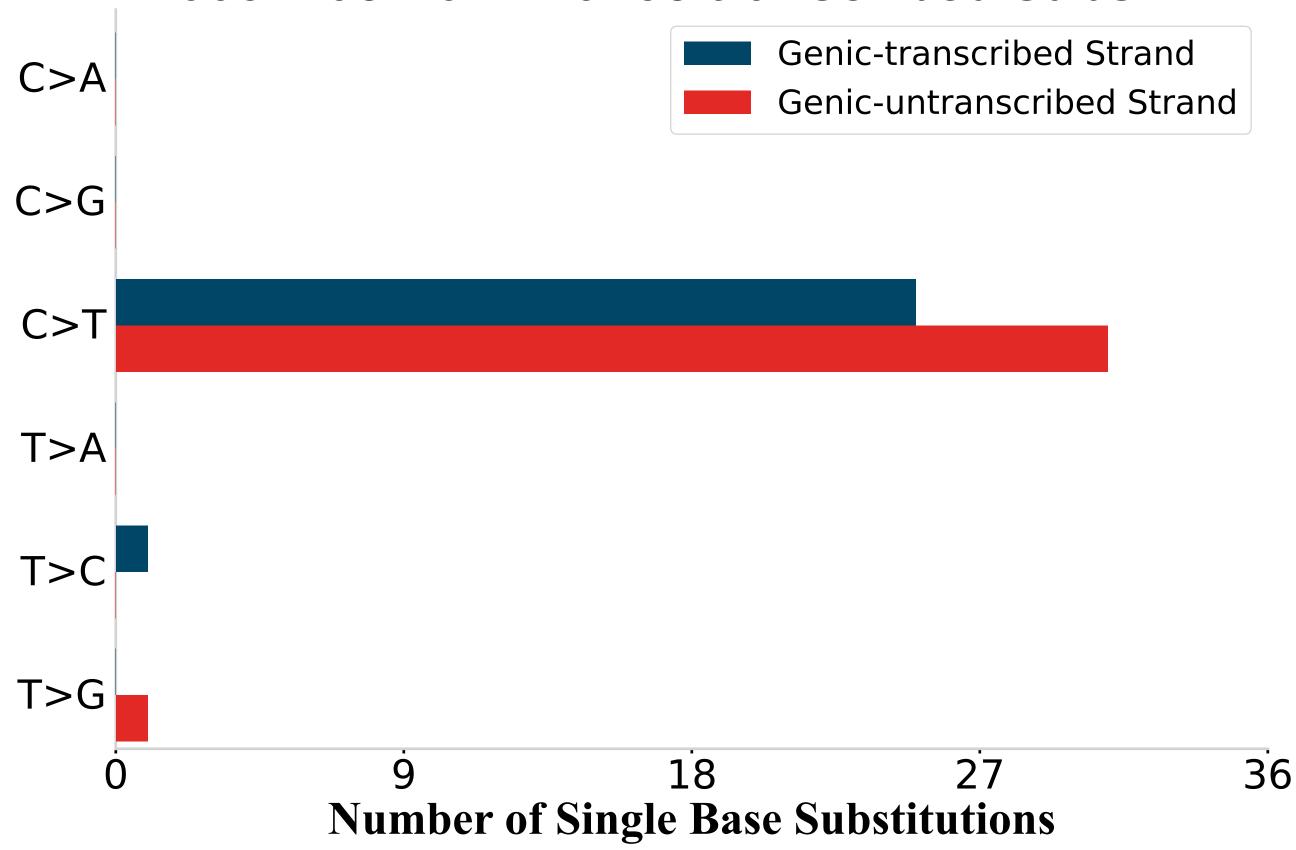
P-0037336-T01-IM6: 6 transcribed subs



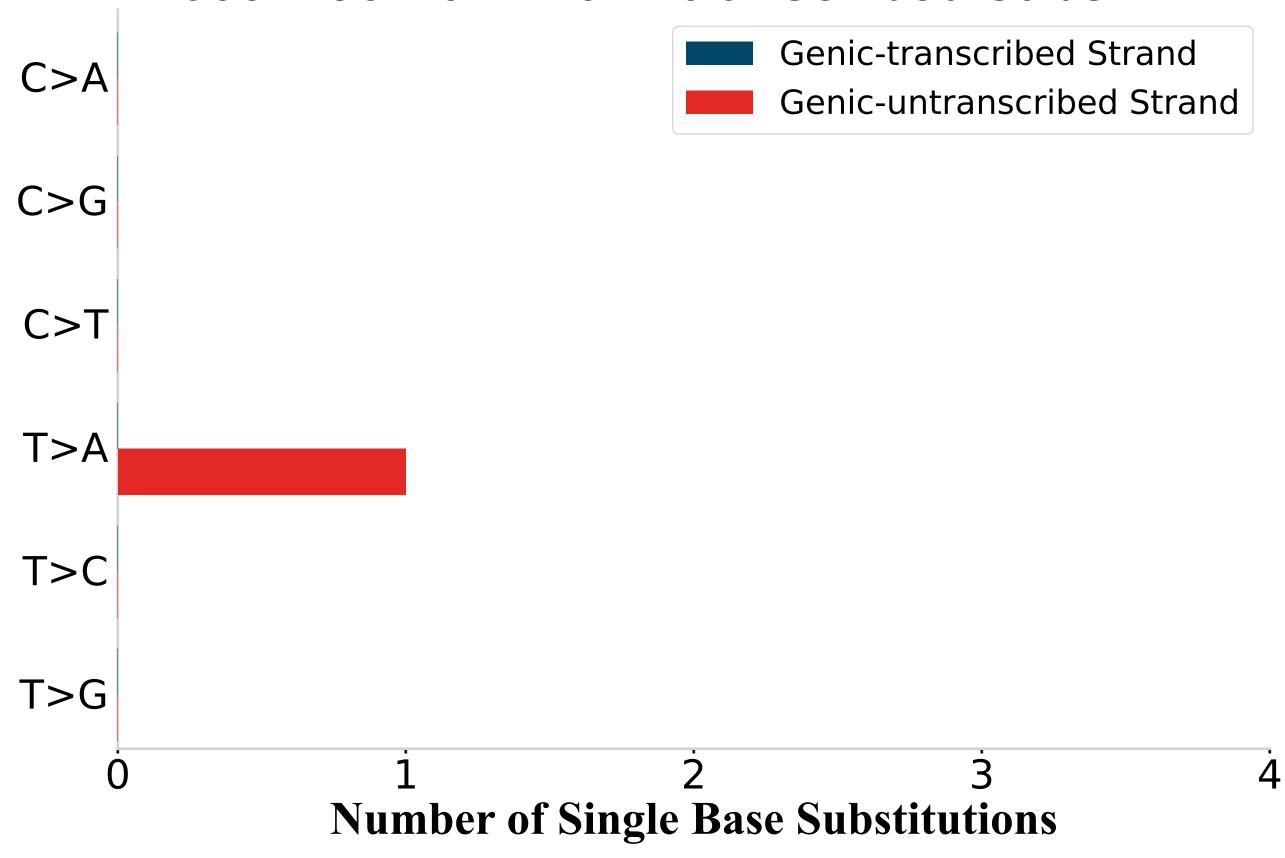
P-0037380-T01-IM6: 13 transcribed subs



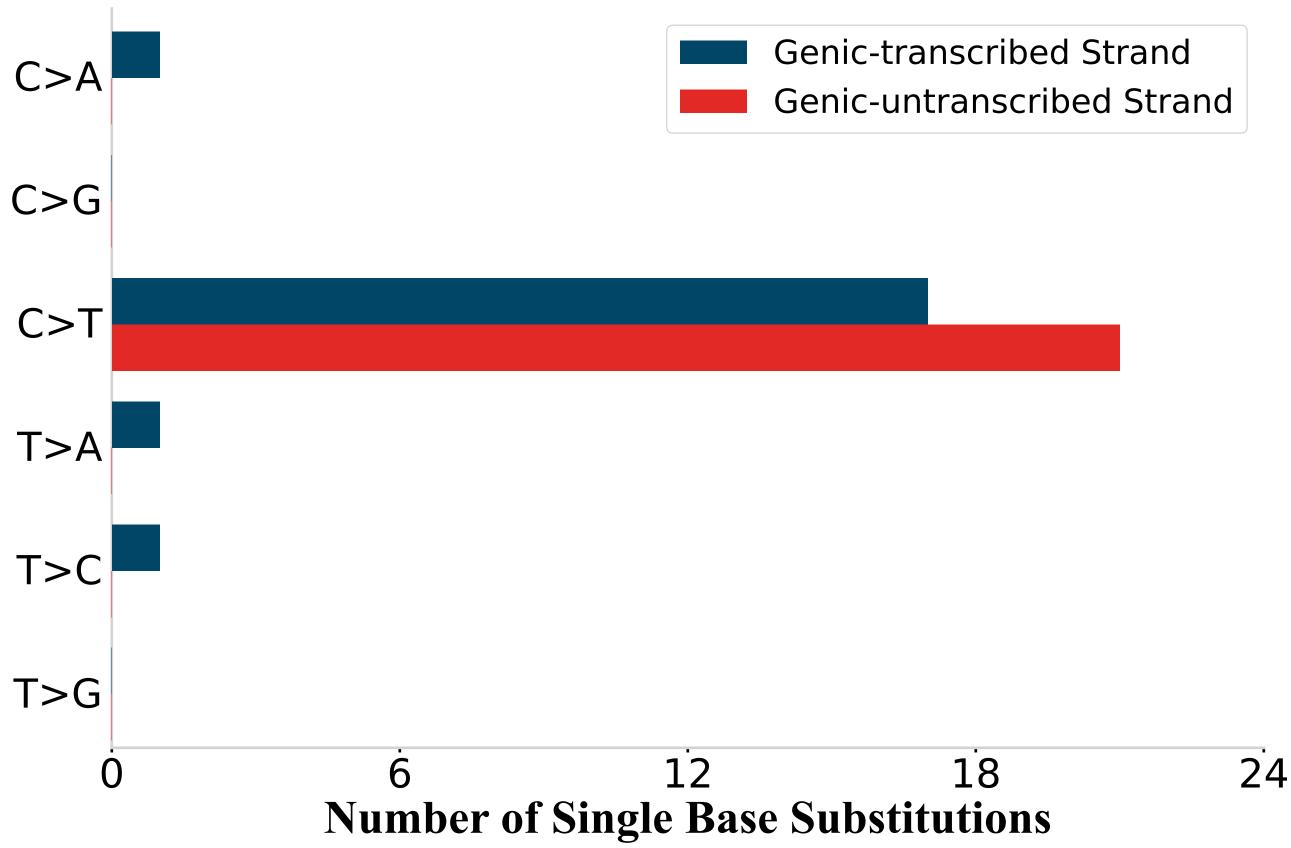
P-0037408-T01-IM6: 58 transcribed subs



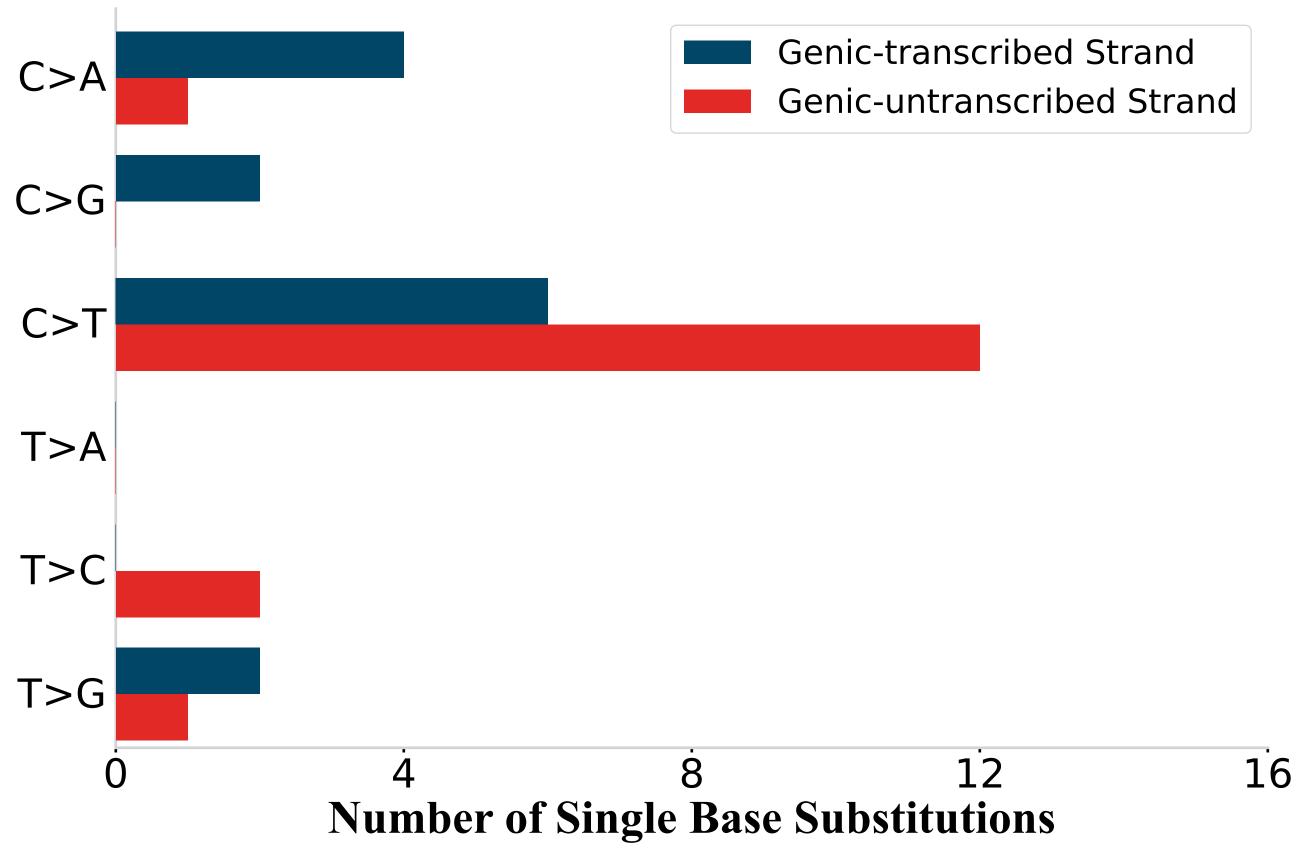
P-0037493-T01-IM6: 1 transcribed subs



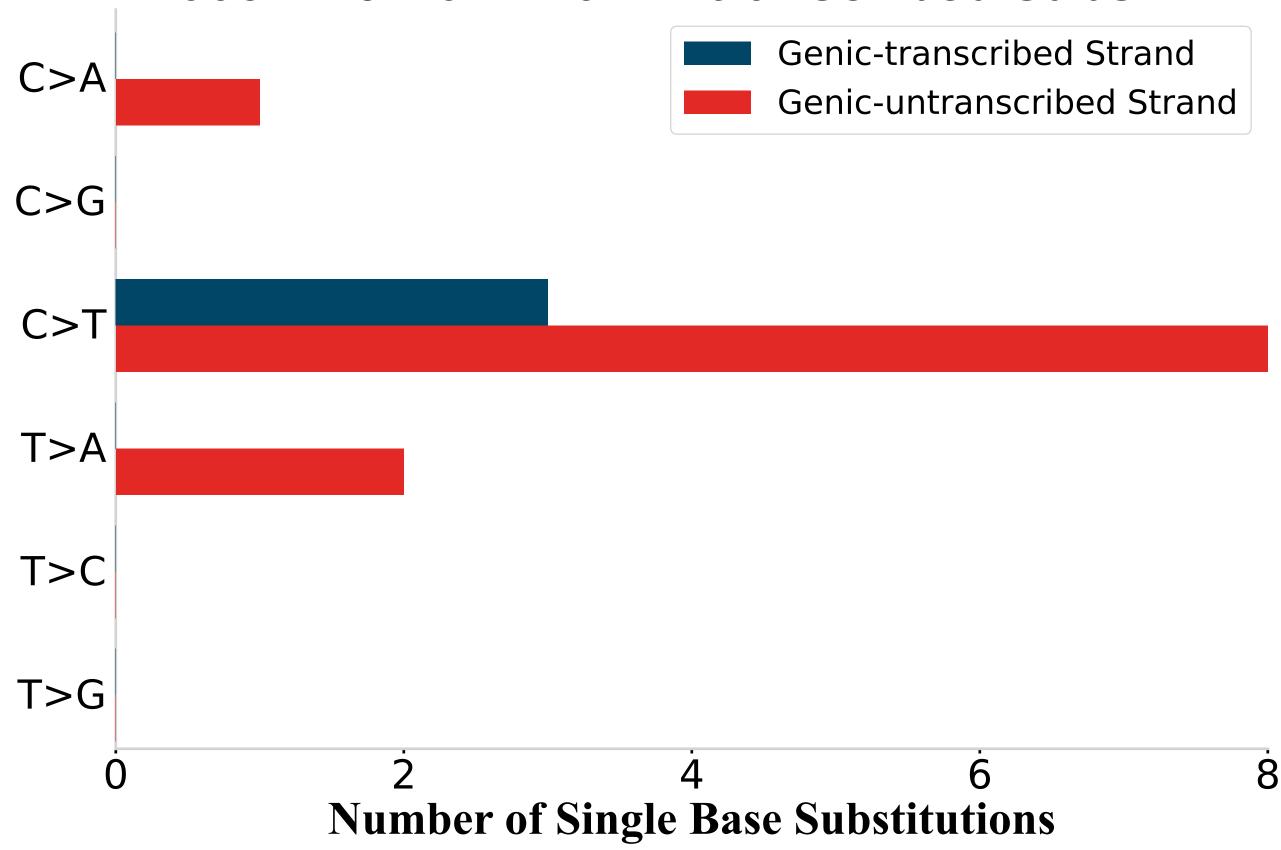
P-0037606-T02-IM6: 41 transcribed subs



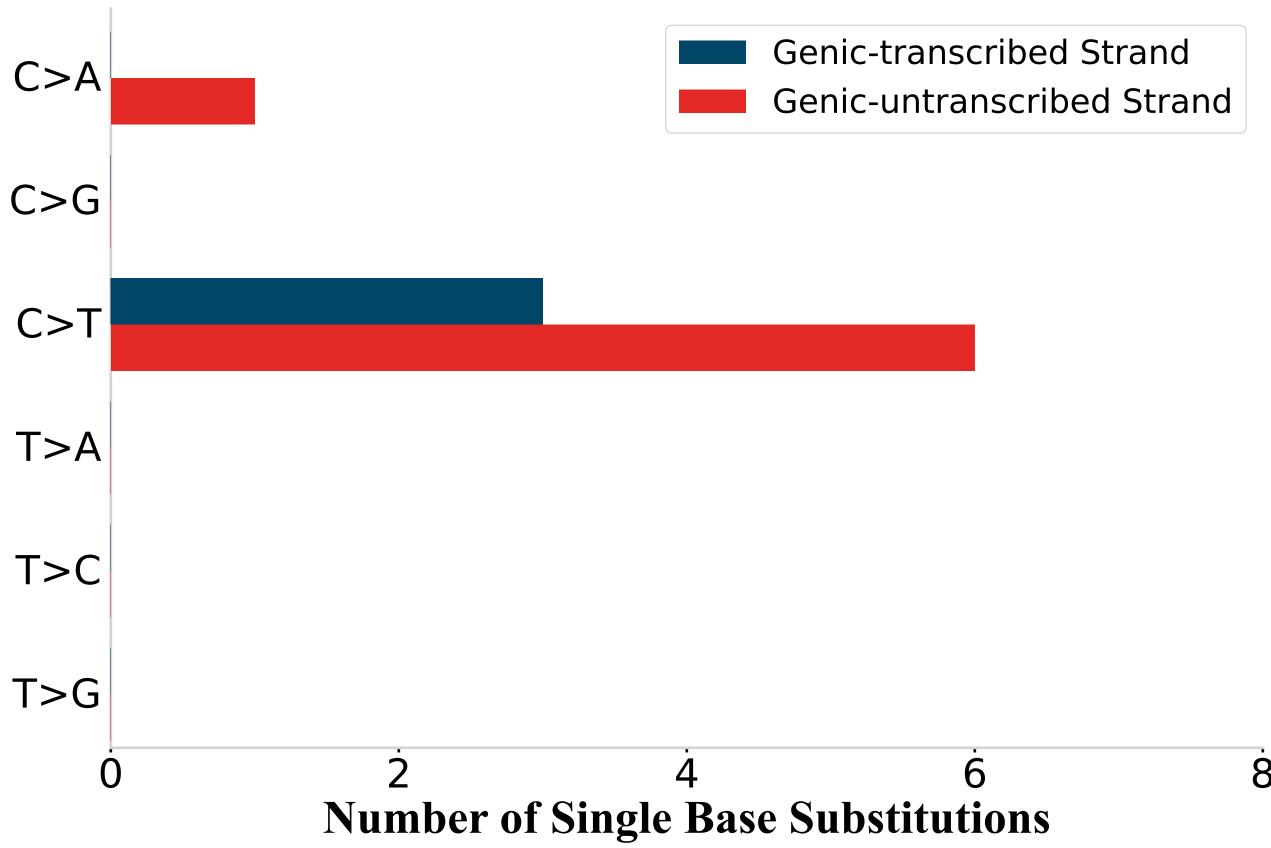
P-0037685-T01-IM6: 30 transcribed subs



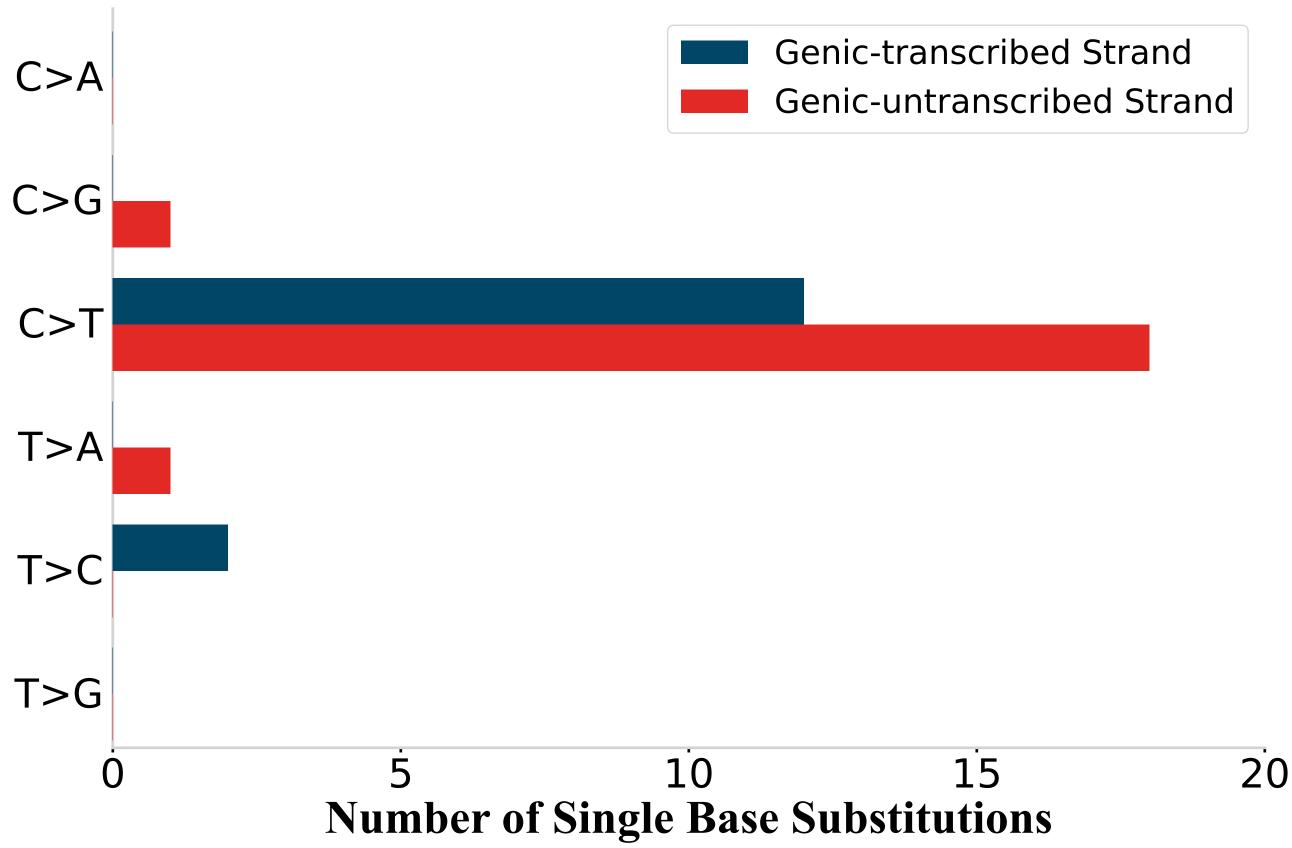
P-0037749-T01-IM6: 14 transcribed subs



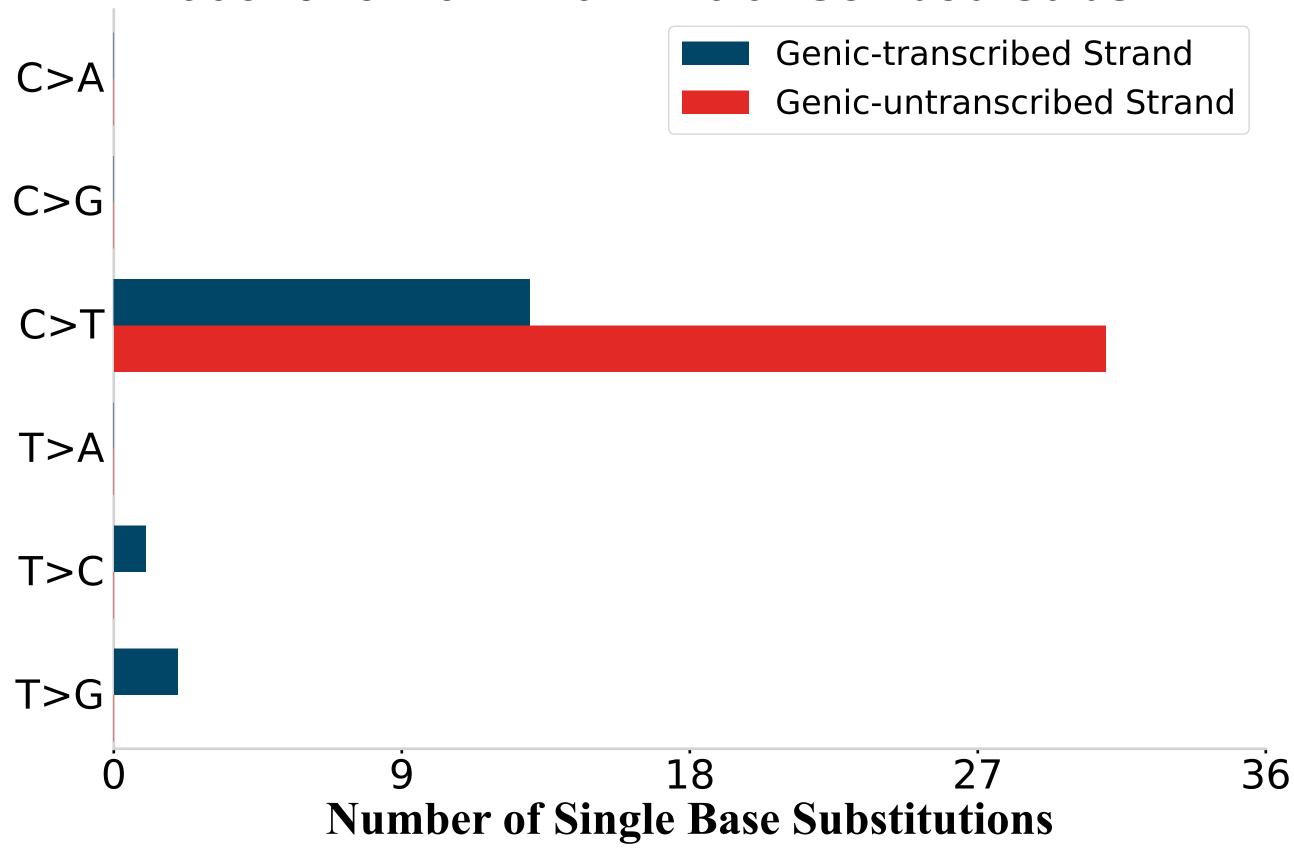
P-0037755-T01-IM6: 10 transcribed subs



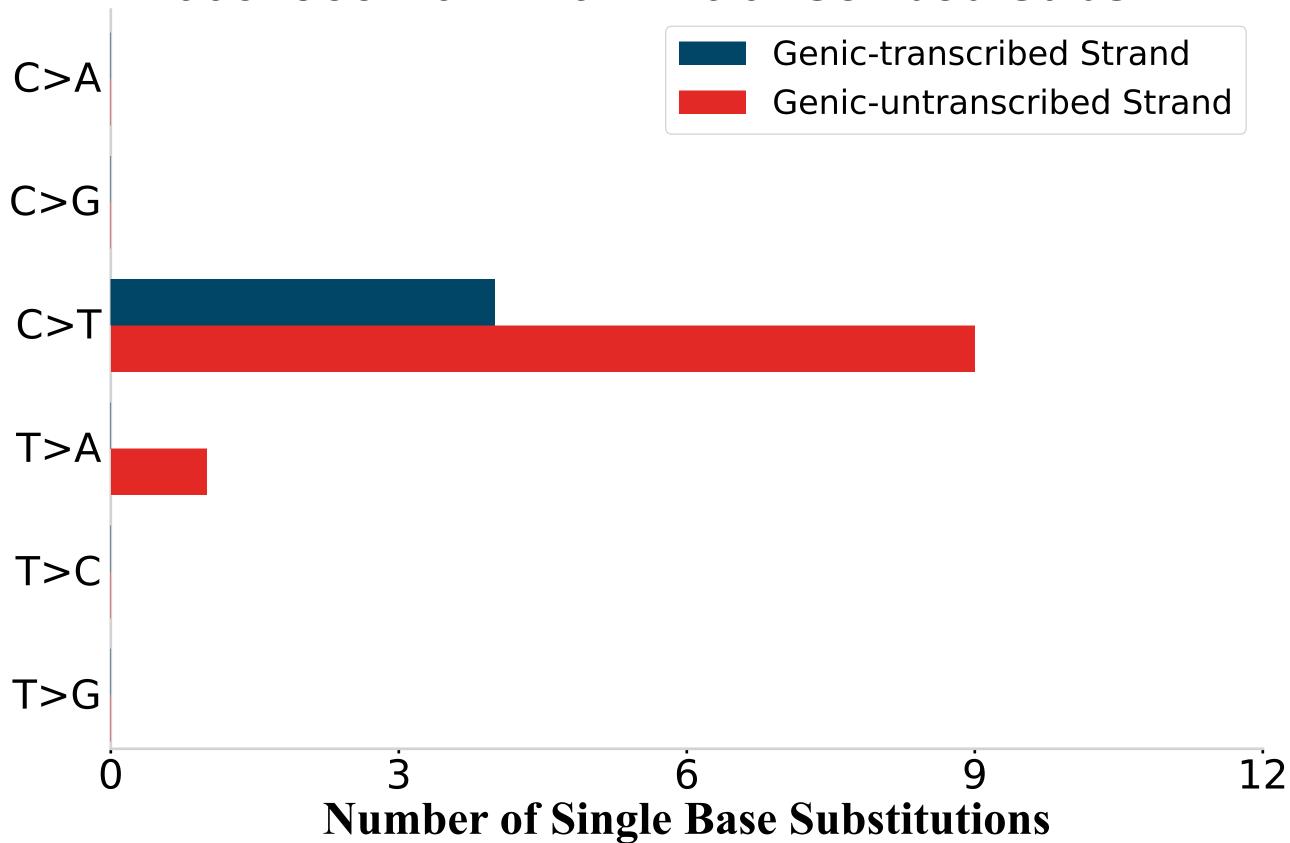
P-0037873-T01-IM6: 34 transcribed subs



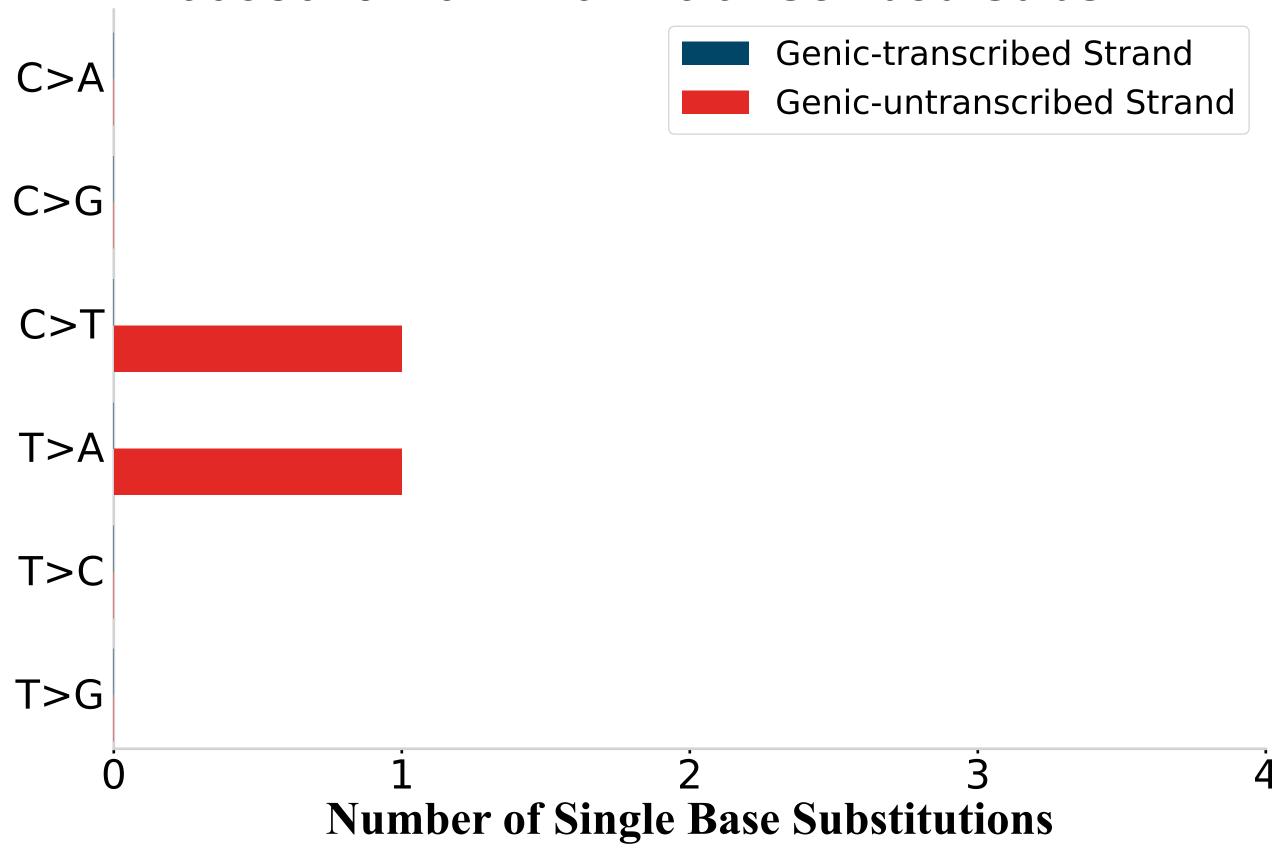
P-0037913-T01-IM6: 47 transcribed subs



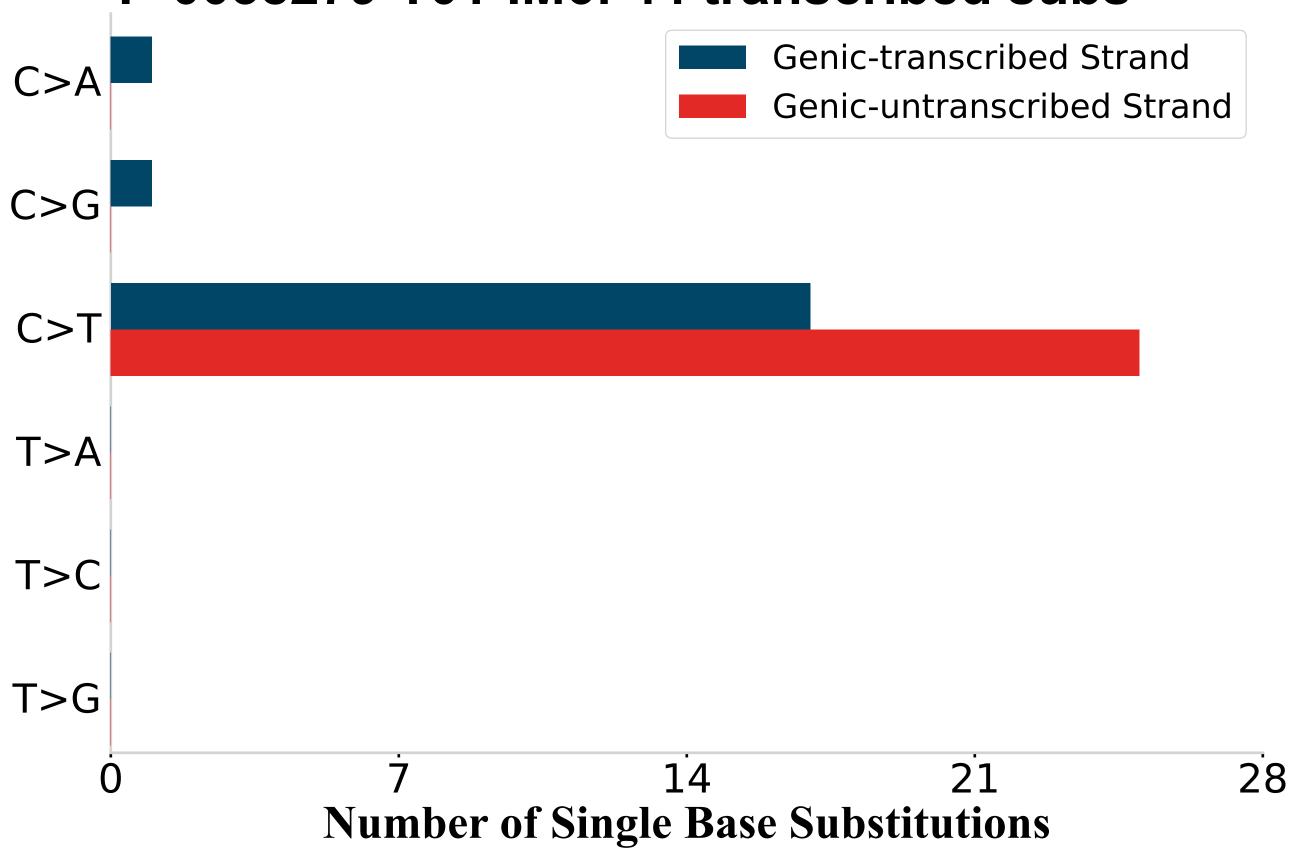
P-0037955-T01-IM6: 14 transcribed subs



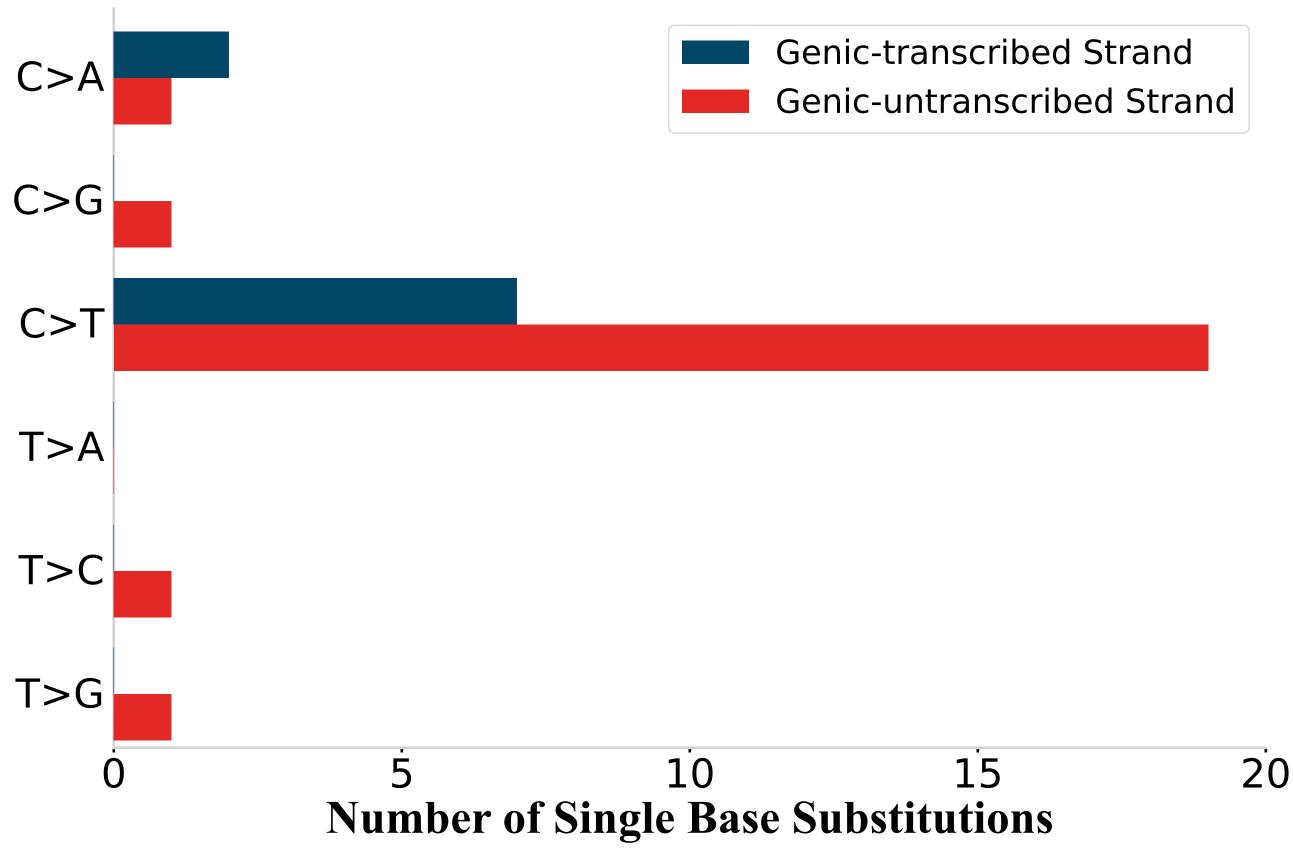
P-0038079-T01-IM6: 2 transcribed subs



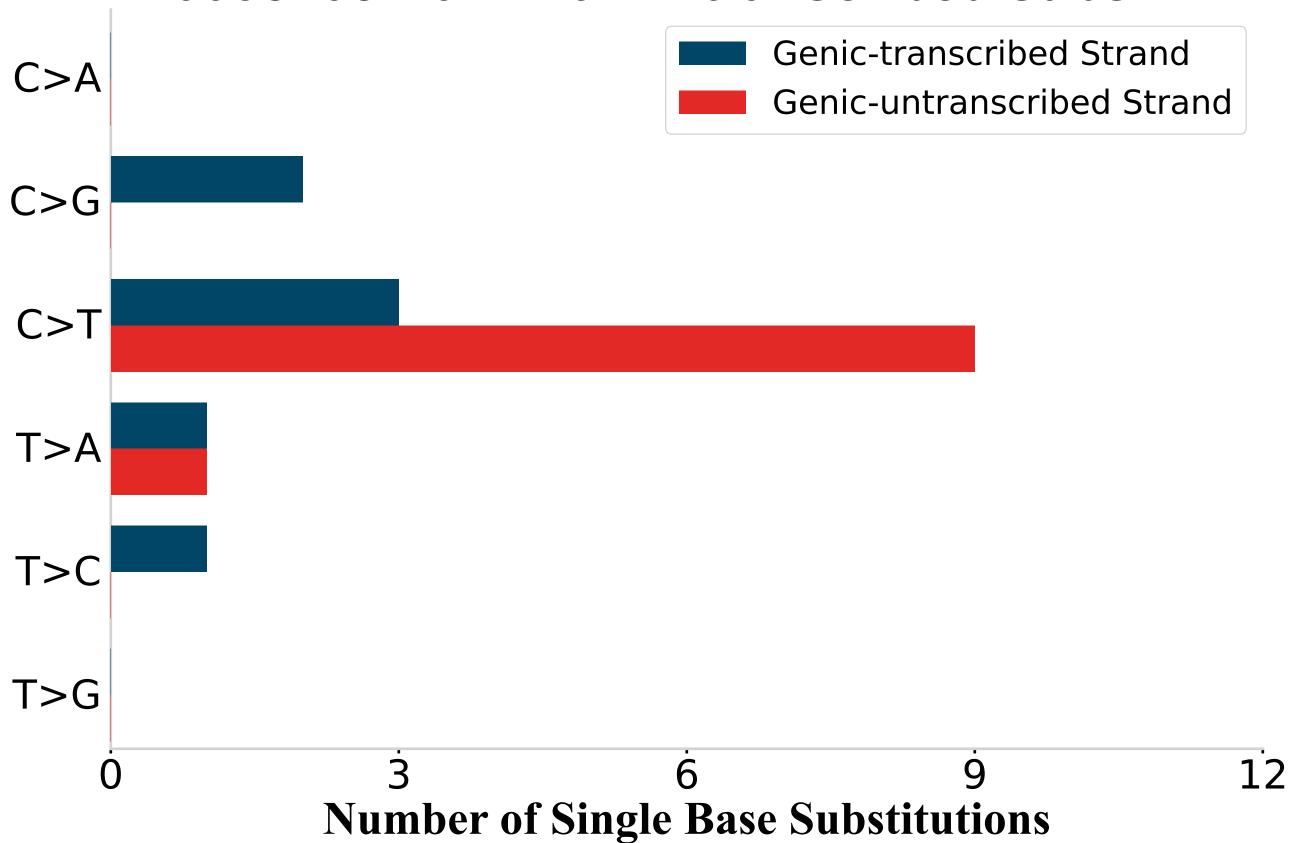
P-0038279-T01-IM6: 44 transcribed subs



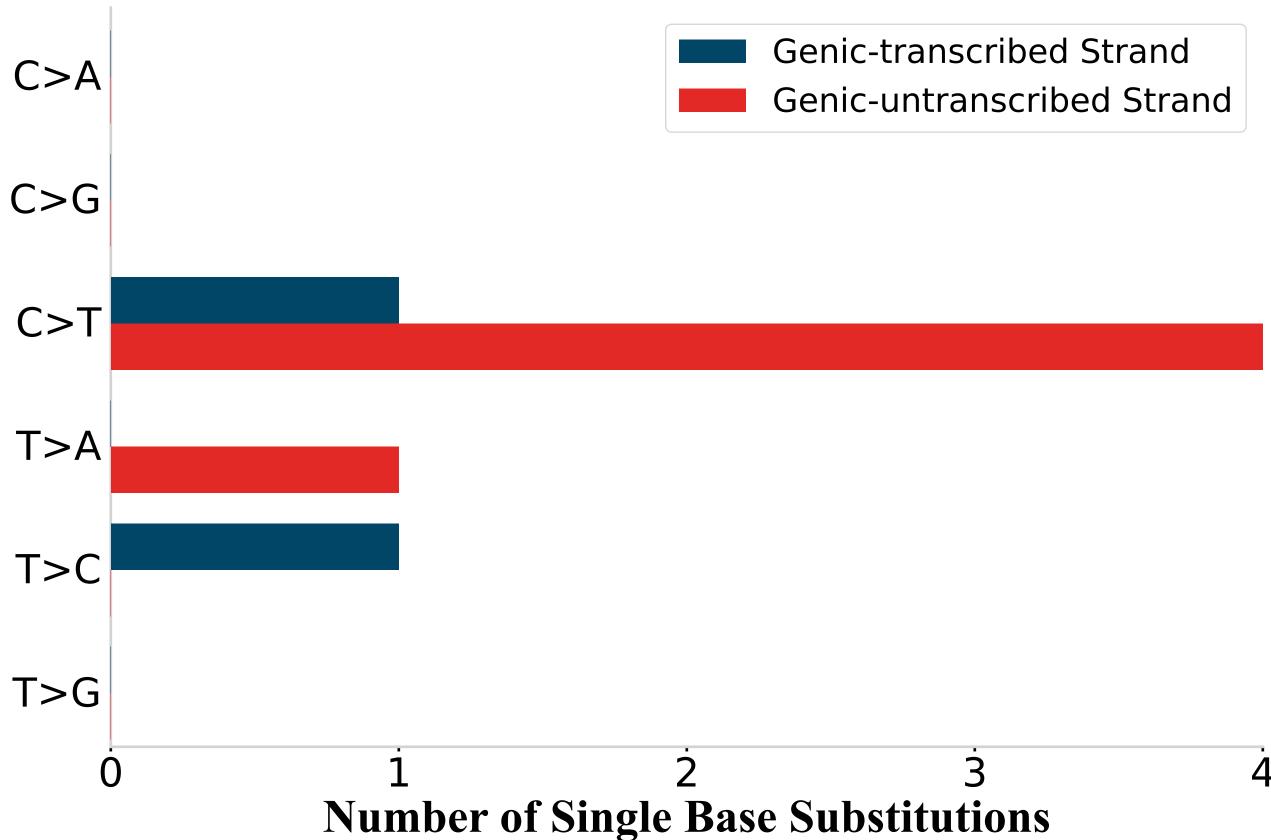
P-0038372-T01-IM6: 32 transcribed subs



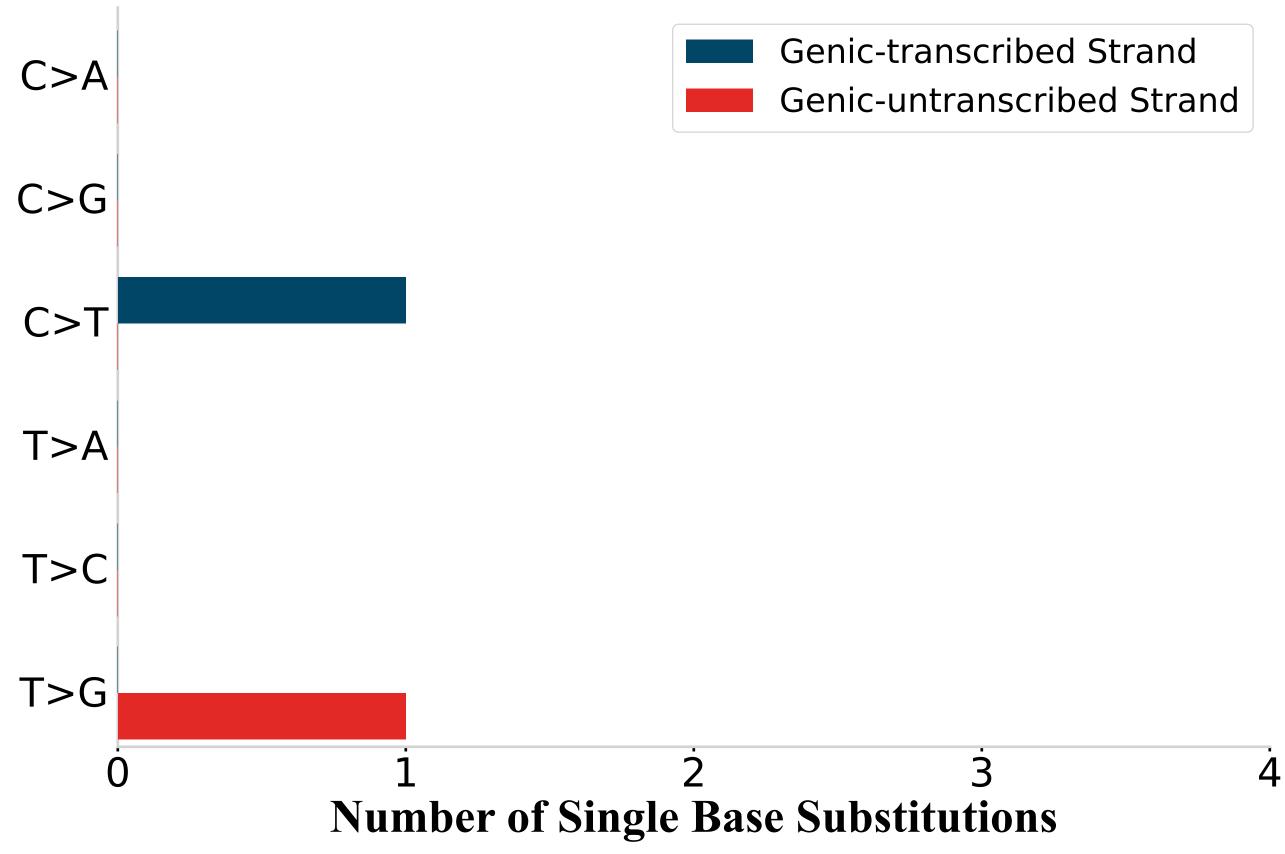
P-0038408-T01-IM6: 17 transcribed subs



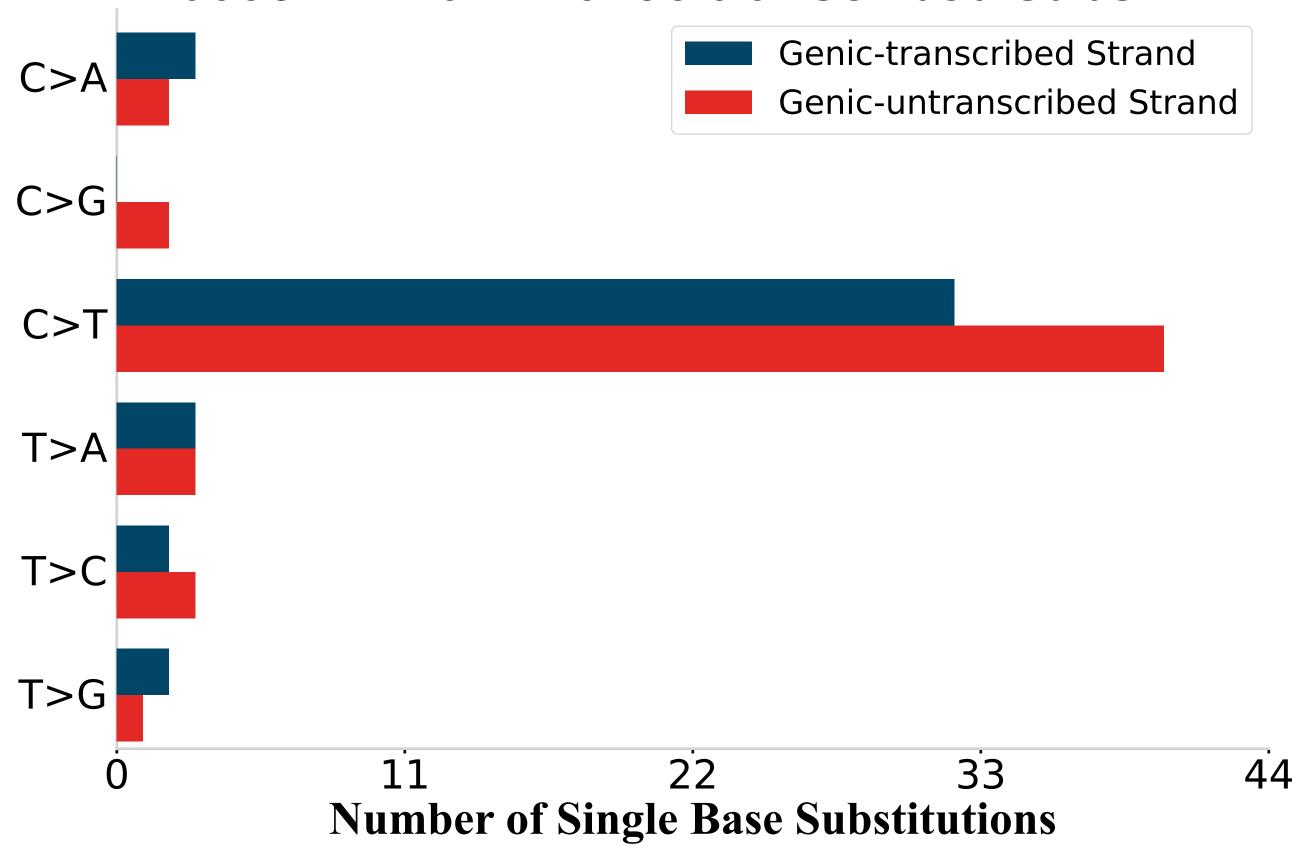
P-0038509-T01-IM6: 7 transcribed subs



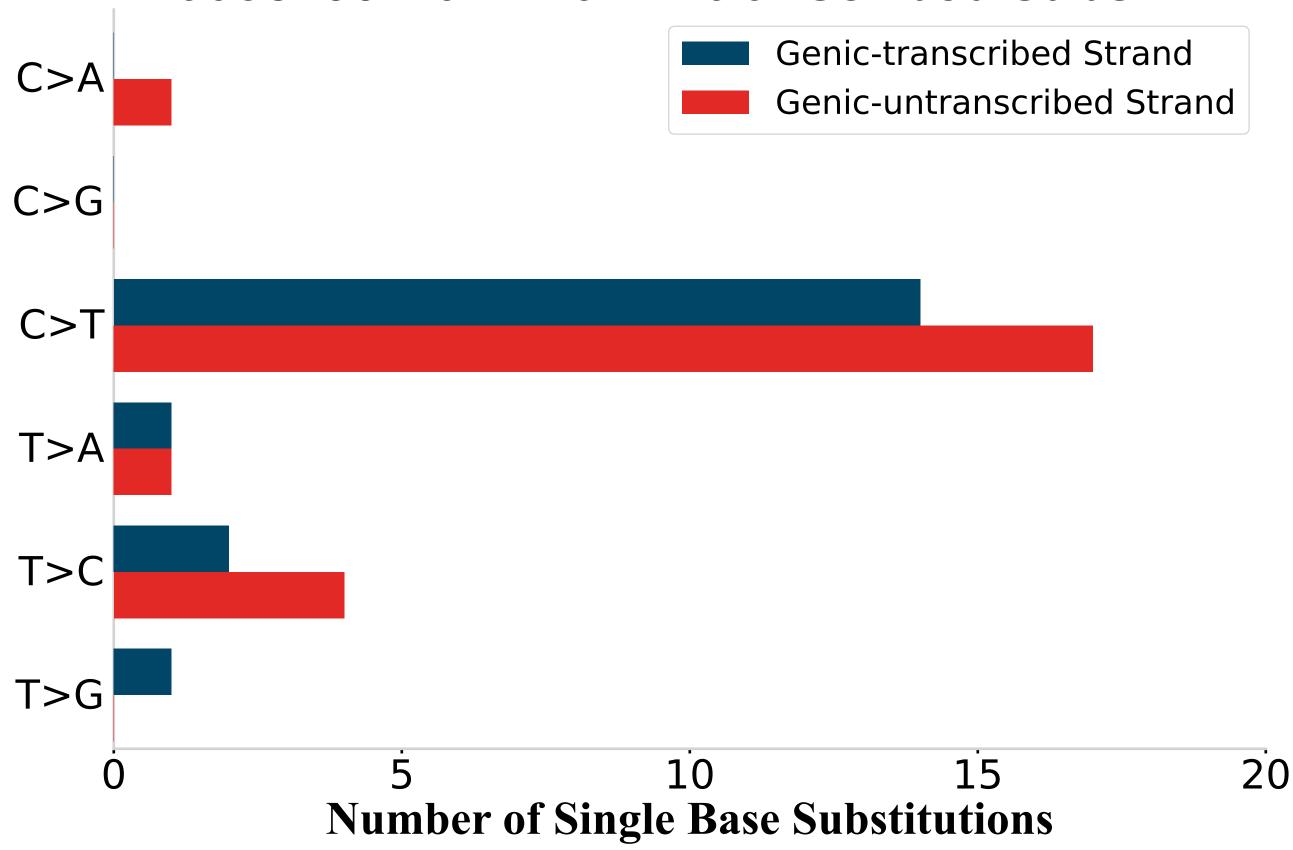
P-0038676-T01-IM6: 2 transcribed subs



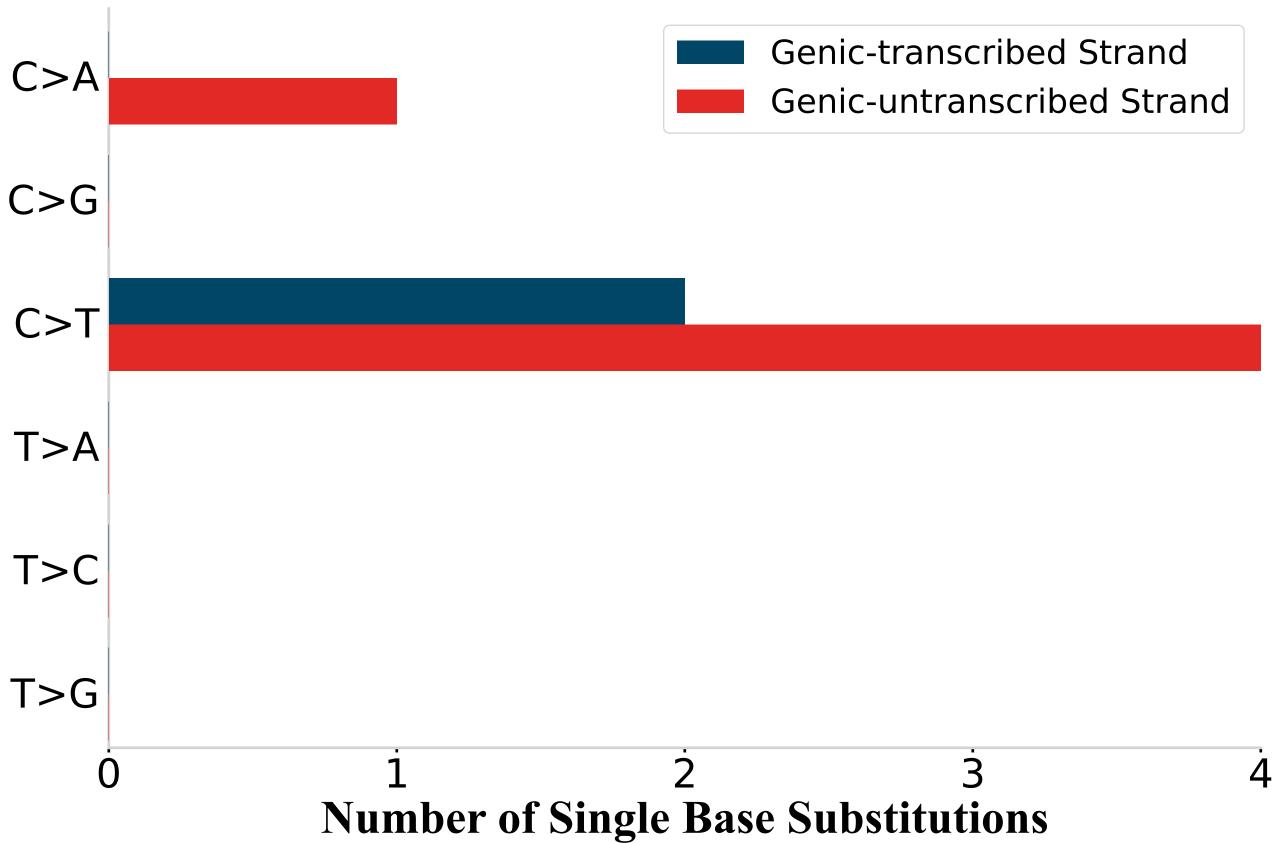
P-0038722-T01-IM6: 93 transcribed subs



P-0038799-T01-IM6: 41 transcribed subs



P-0038817-T01-IM6: 7 transcribed subs

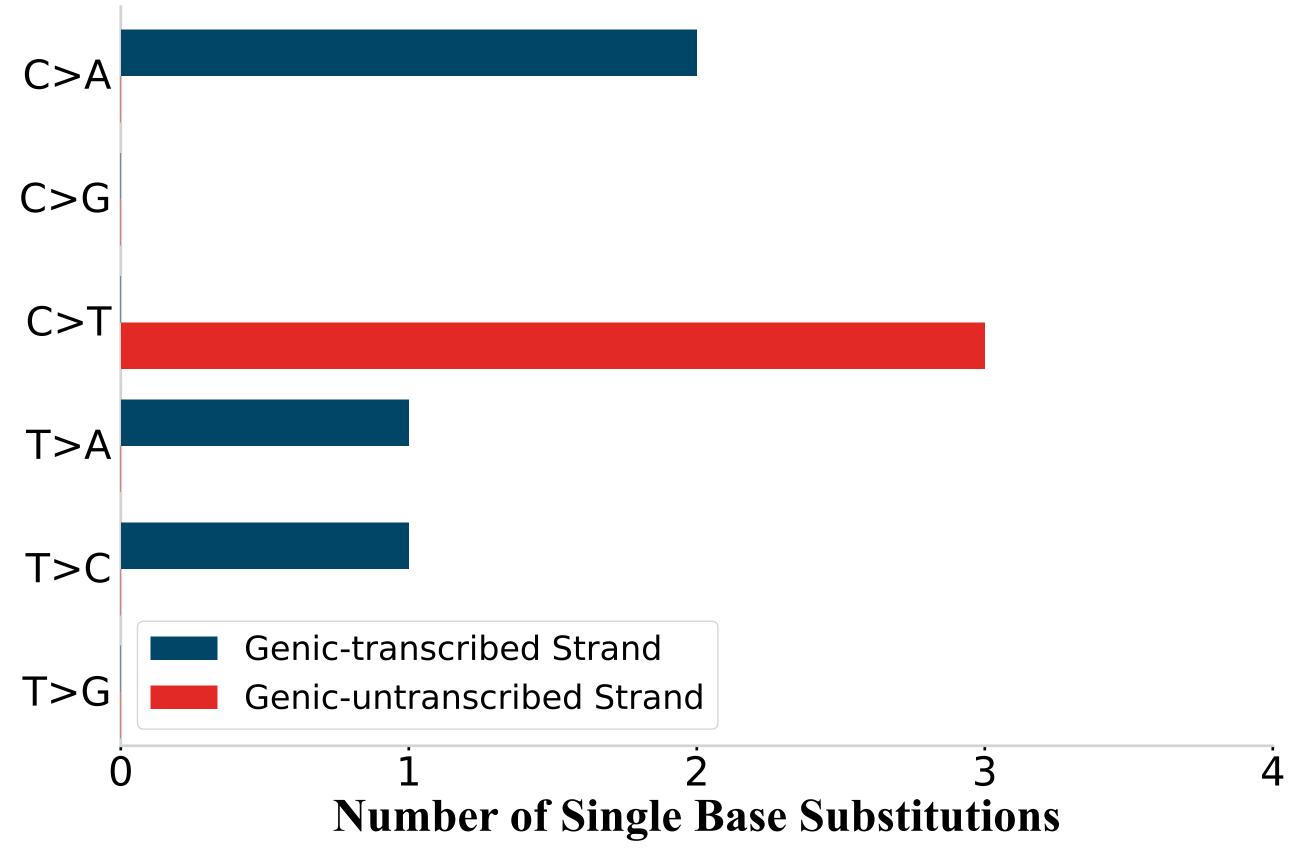


P-0038936-T01-IM6: 130 transcribed subs Genic-transcribed Strand C>A Genic-untranscribed Strand C>G C>T T>A

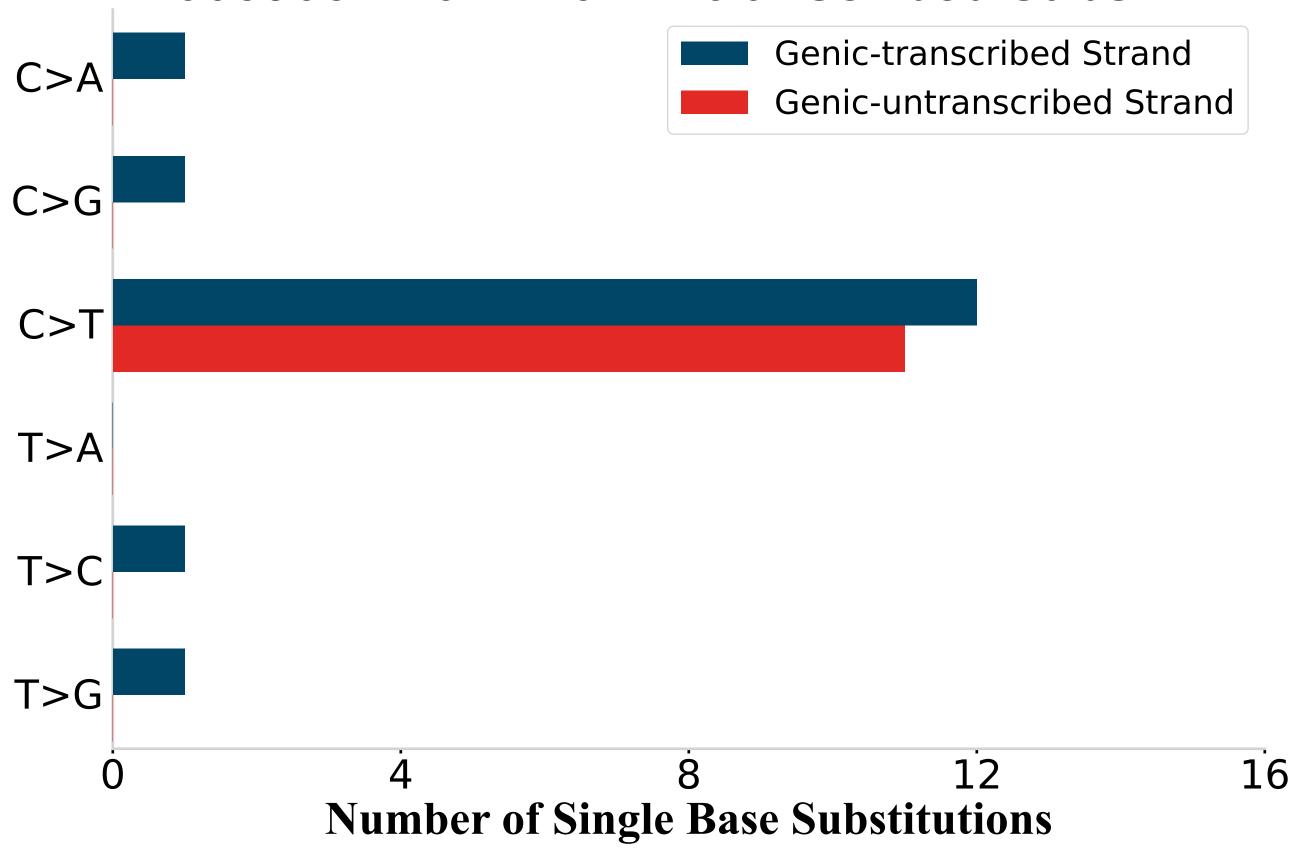
21 42 63 Number of Single Base Substitutions

84

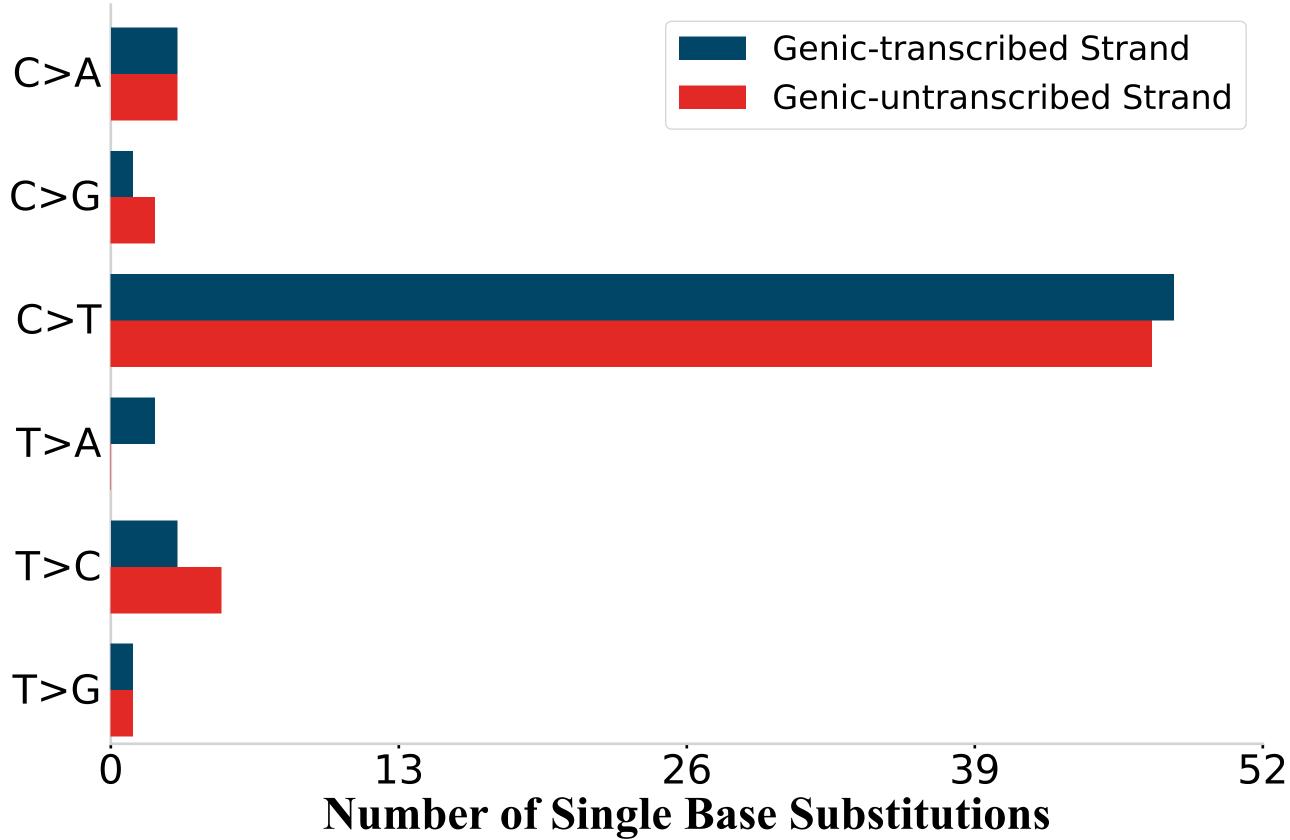
P-0038967-T01-IM6: 7 transcribed subs



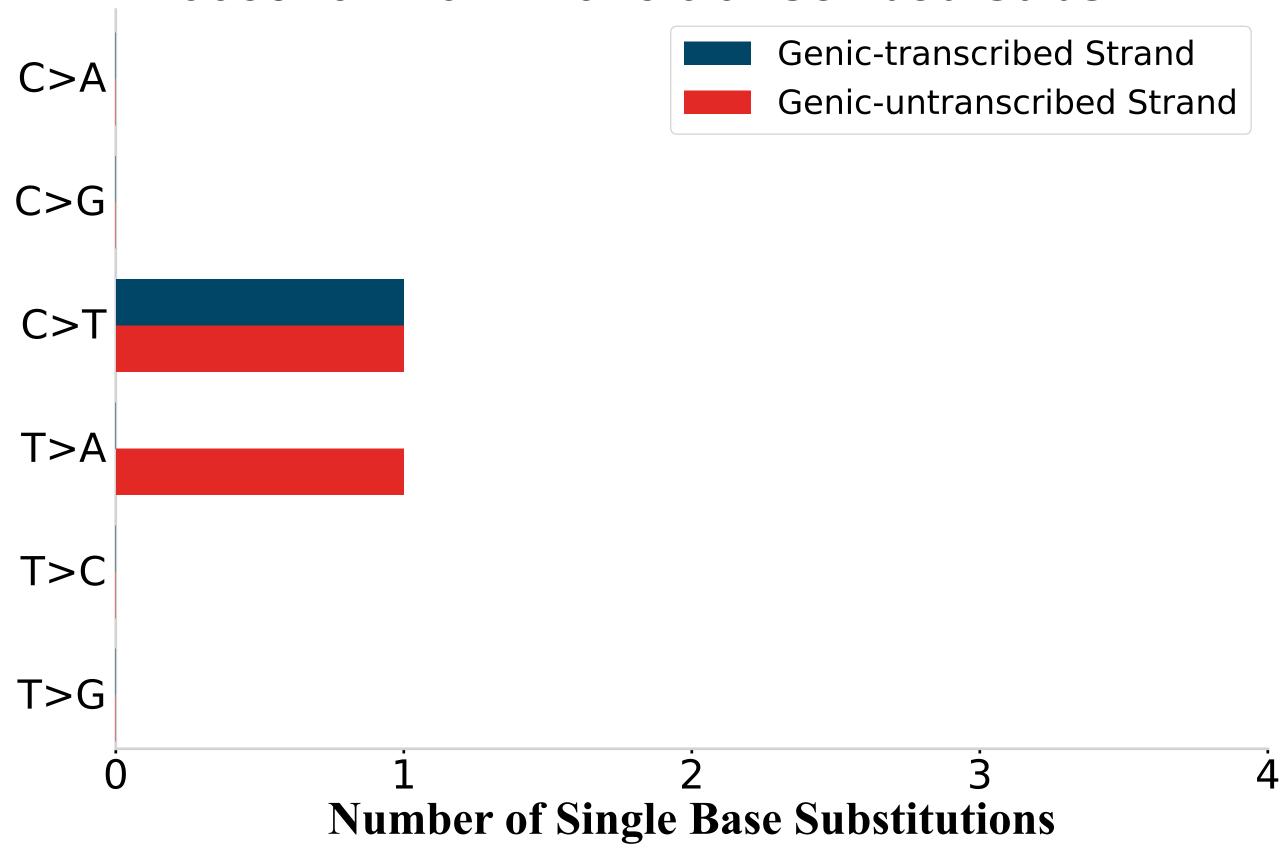
P-0039052-T01-IM6: 27 transcribed subs



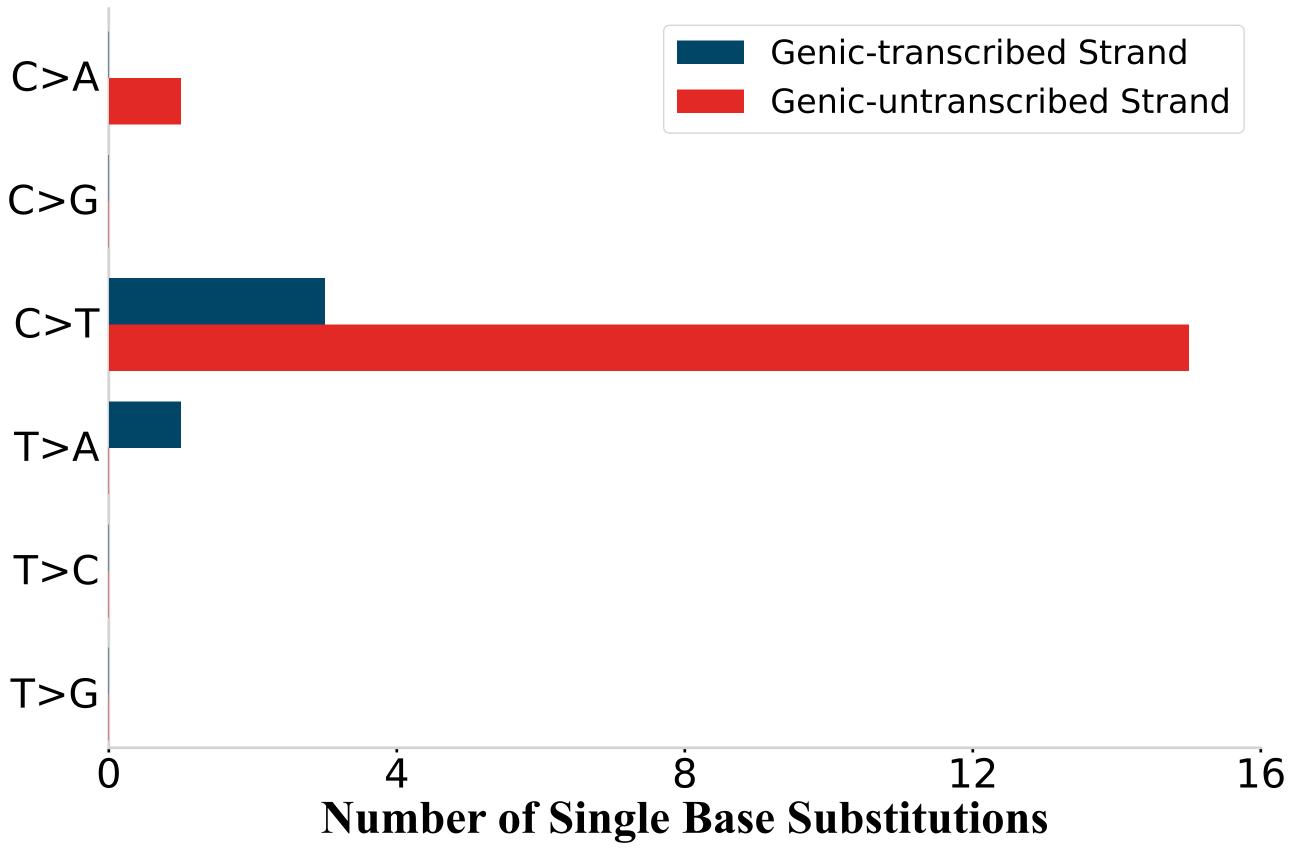
P-0039091-T01-IM6: 116 transcribed subs



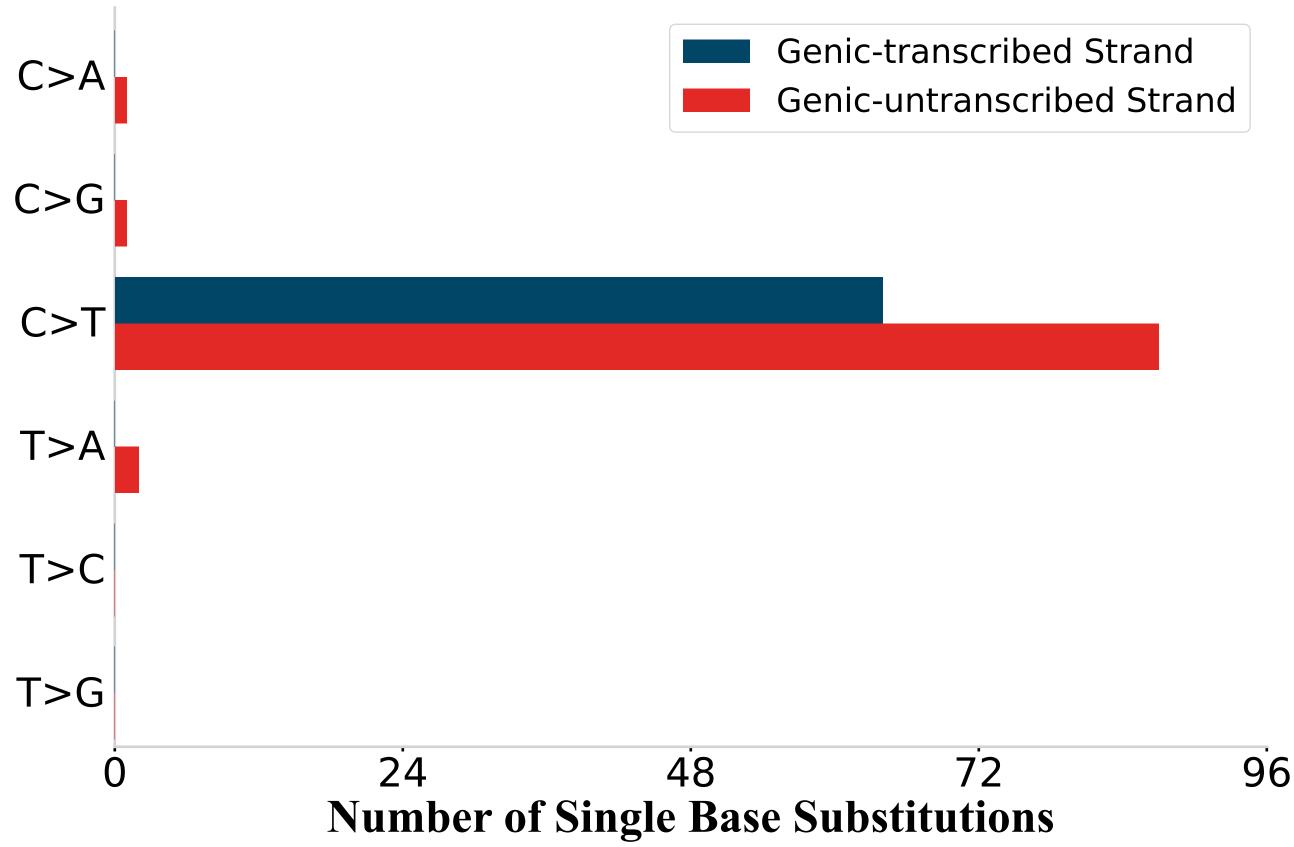
P-0039162-T01-IM6: 3 transcribed subs



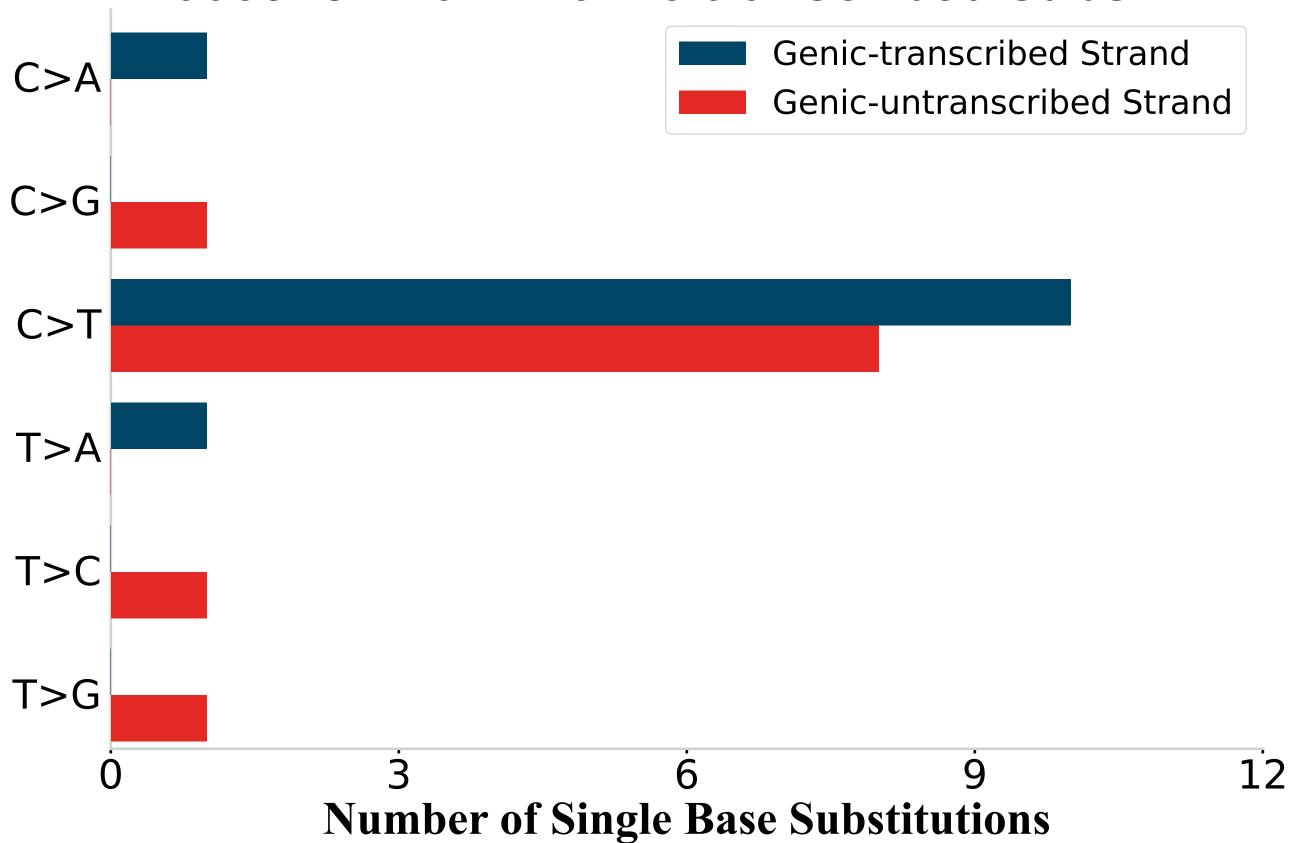
P-0039170-T01-IM6: 20 transcribed subs



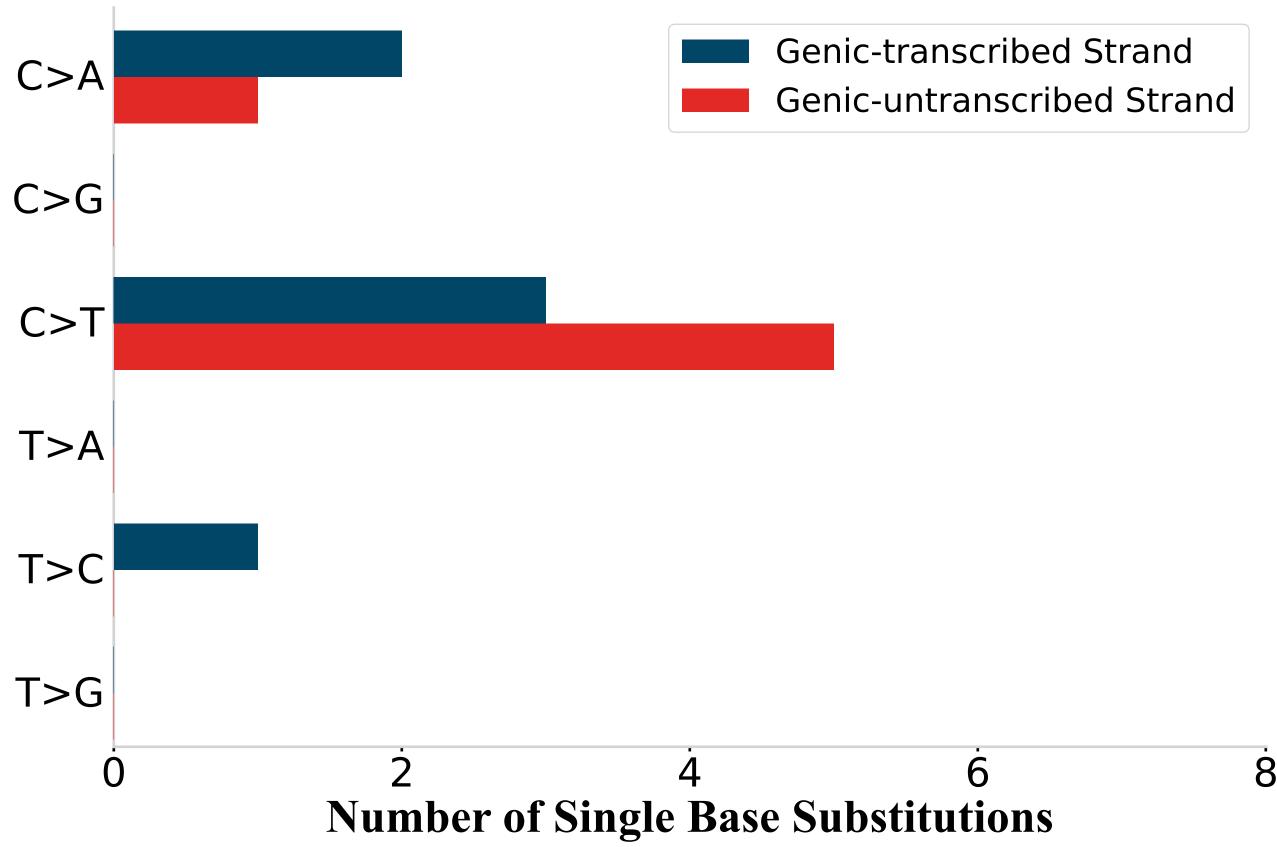
P-0039179-T01-IM6: 155 transcribed subs



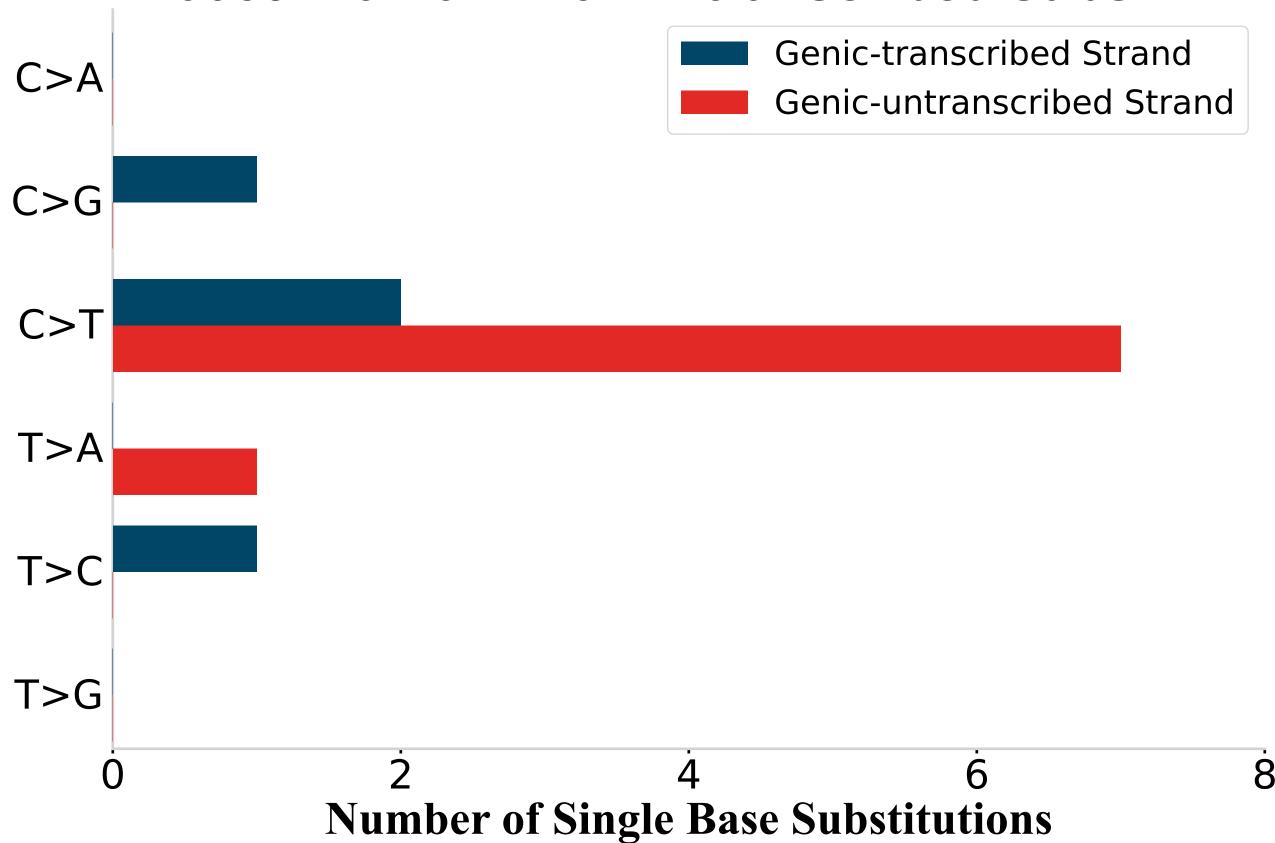
P-0039287-T01-IM6: 23 transcribed subs



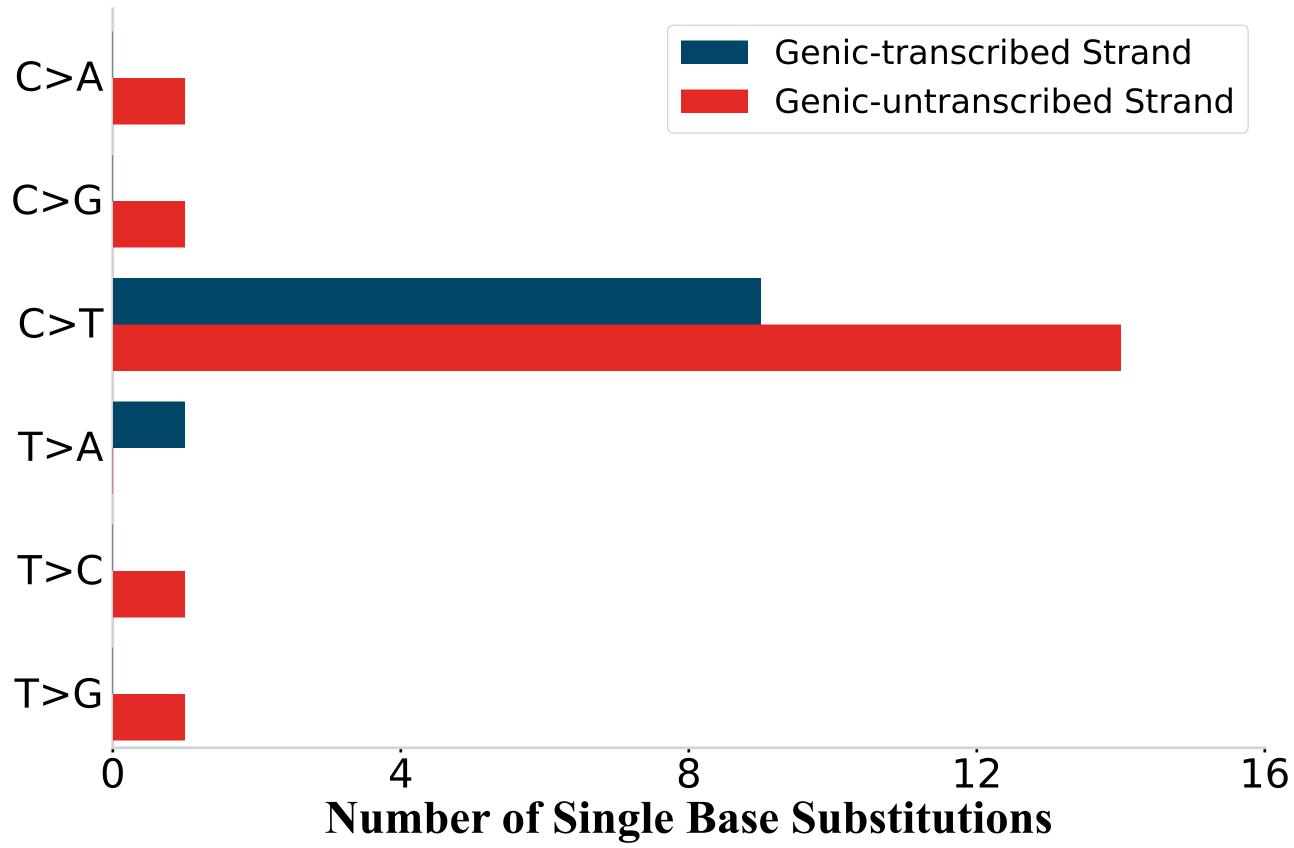
P-0039360-T01-IM6: 12 transcribed subs



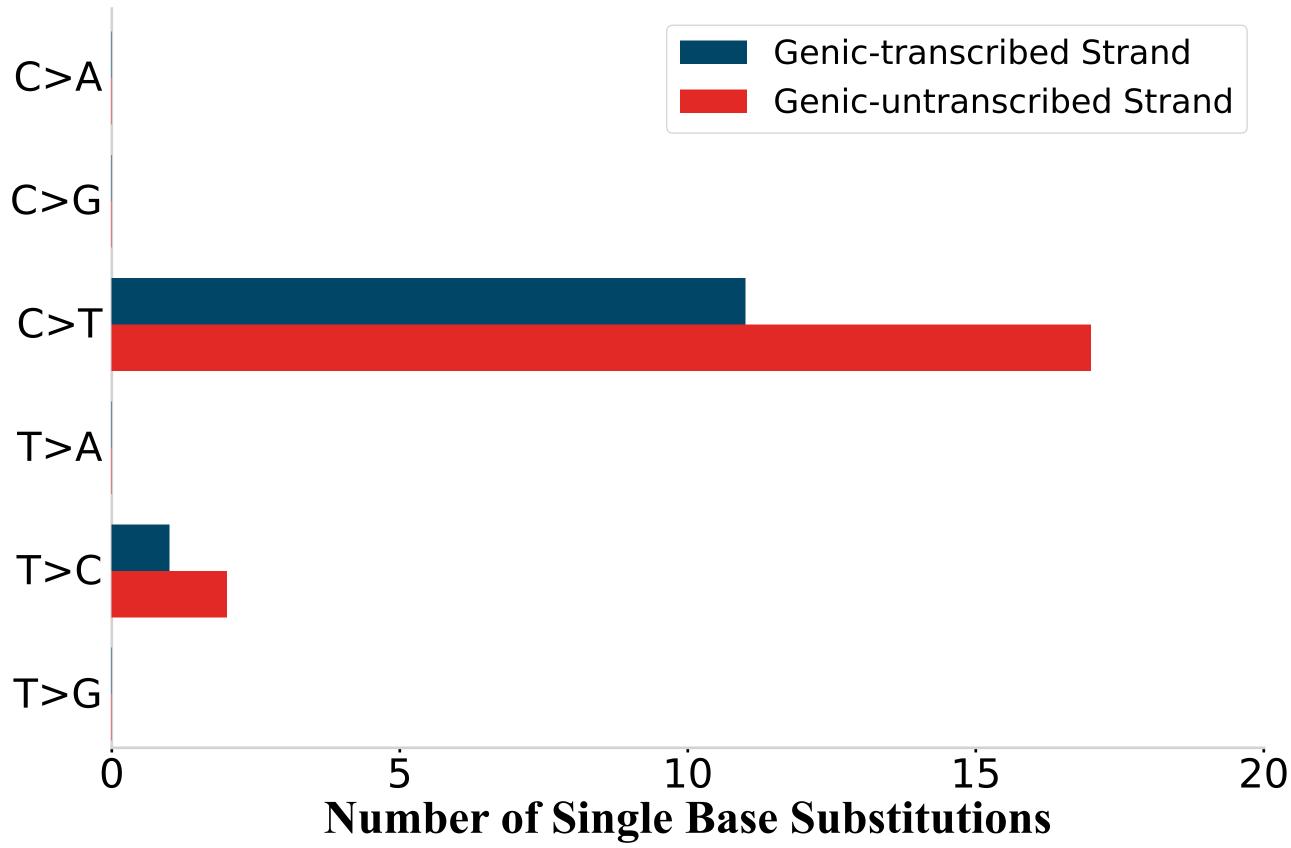
P-0039410-T01-IM6: 12 transcribed subs



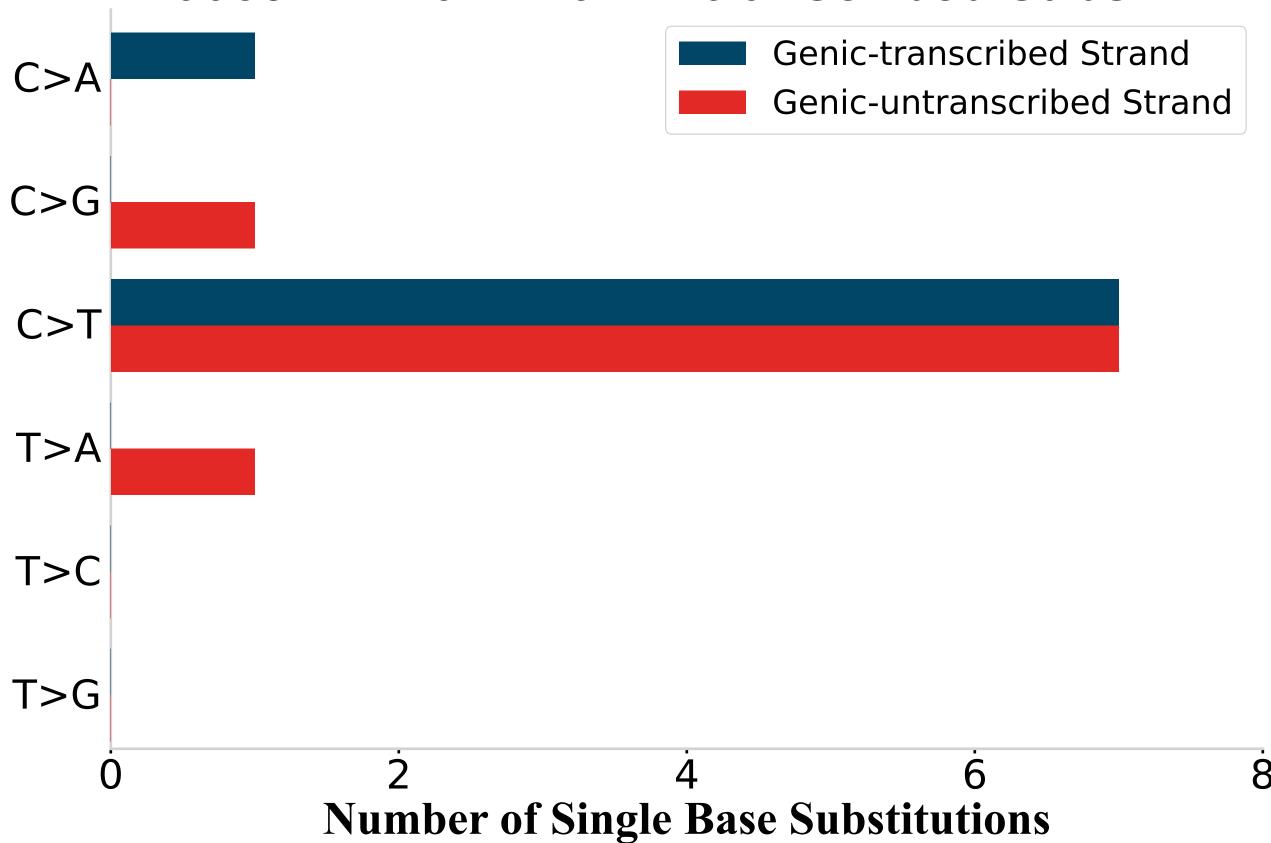
P-0039415-T01-IM6: 28 transcribed subs



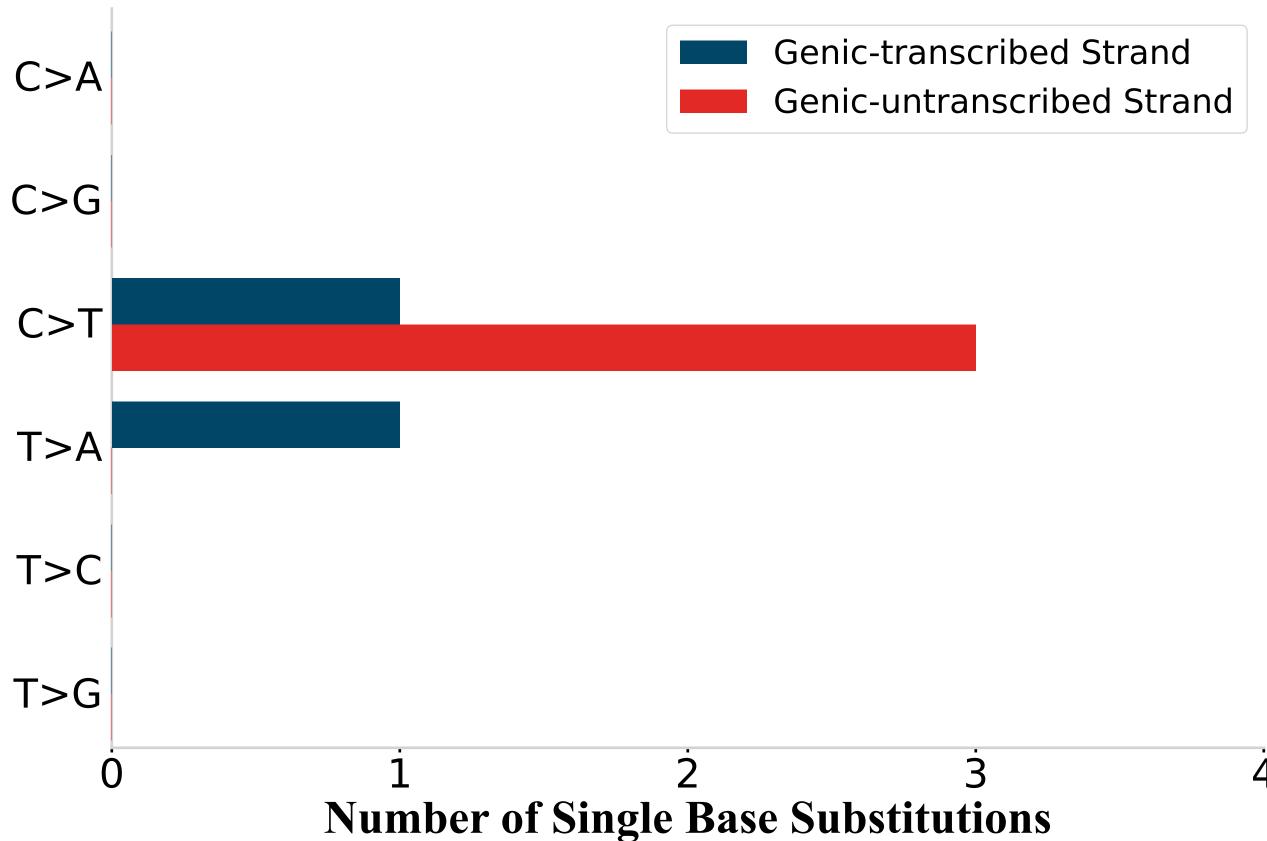
P-0039426-T01-IM6: 31 transcribed subs



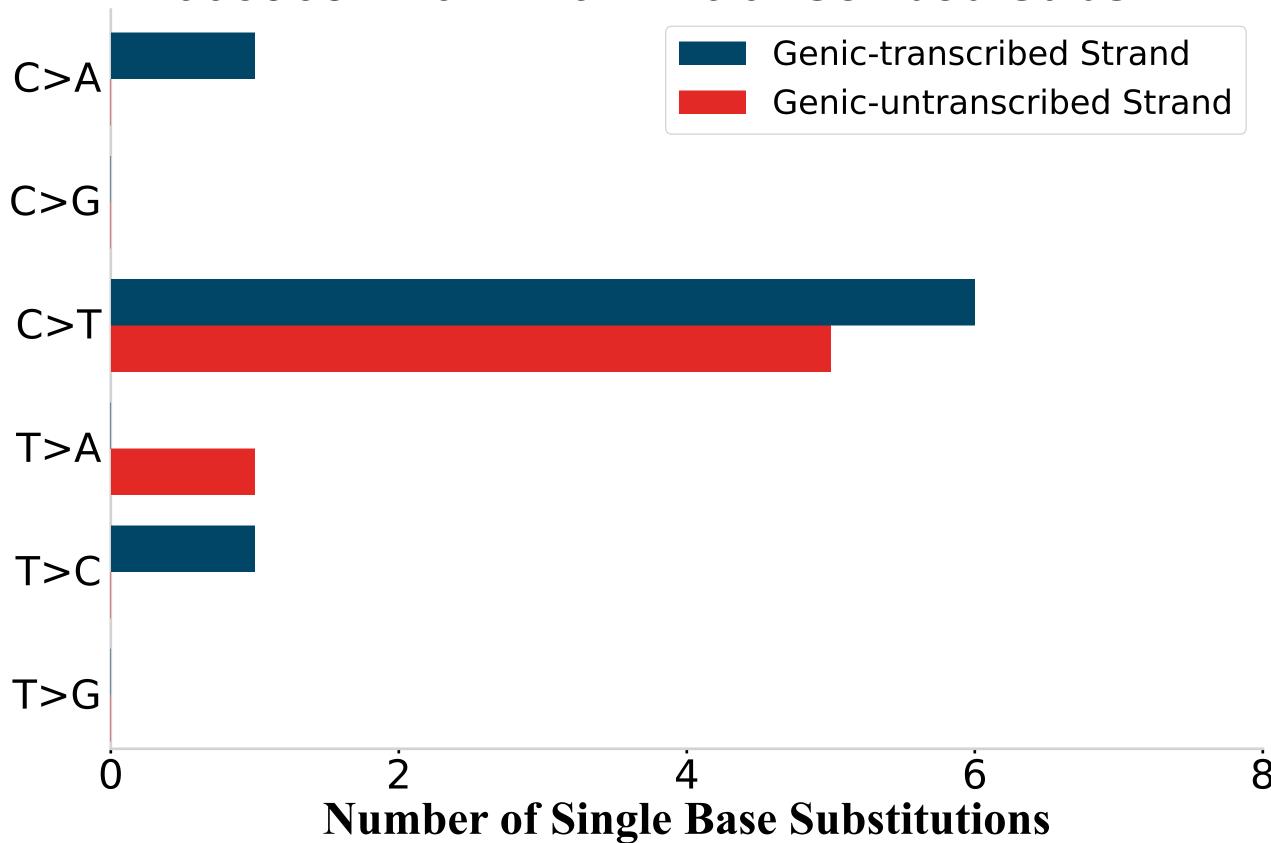
P-0039447-T01-IM6: 17 transcribed subs



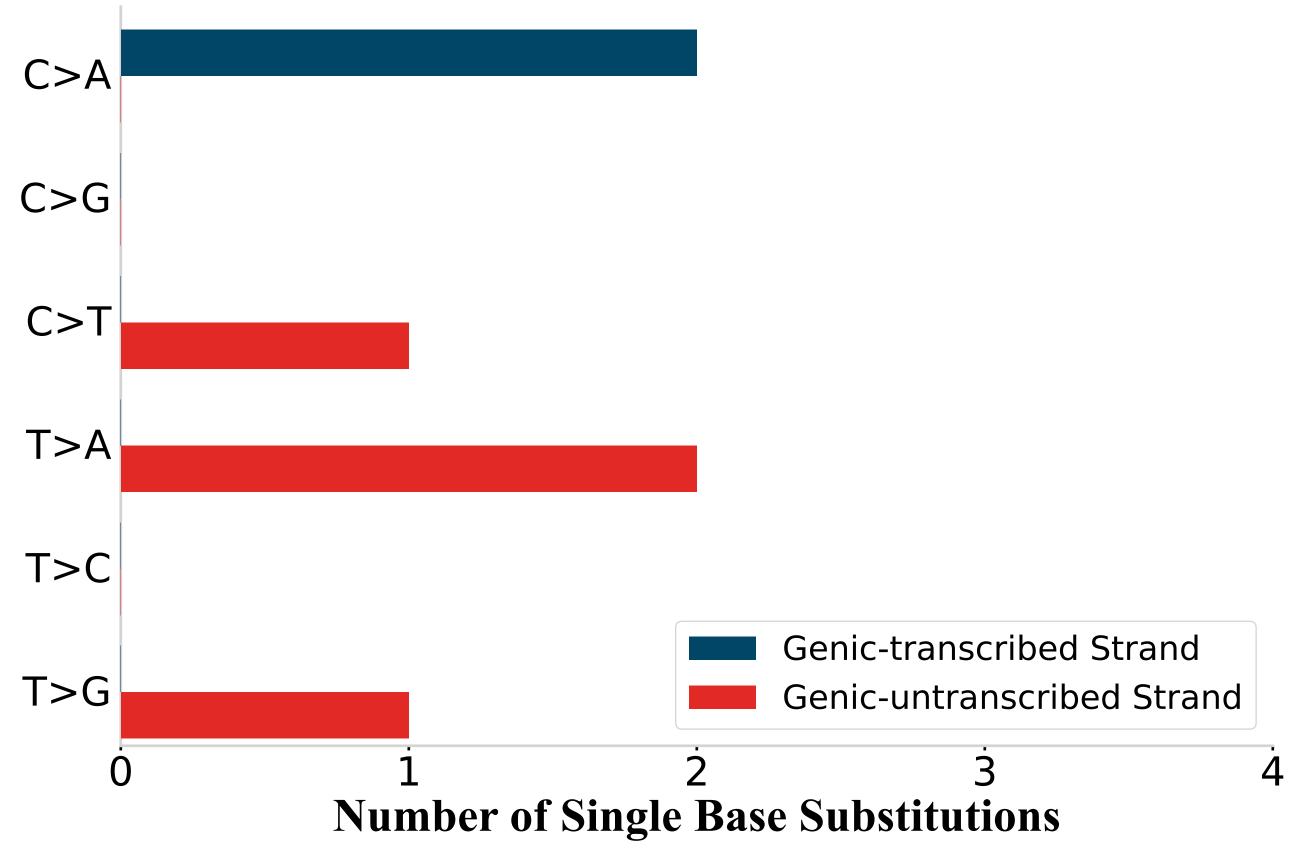
P-0039629-T01-IM6: 5 transcribed subs



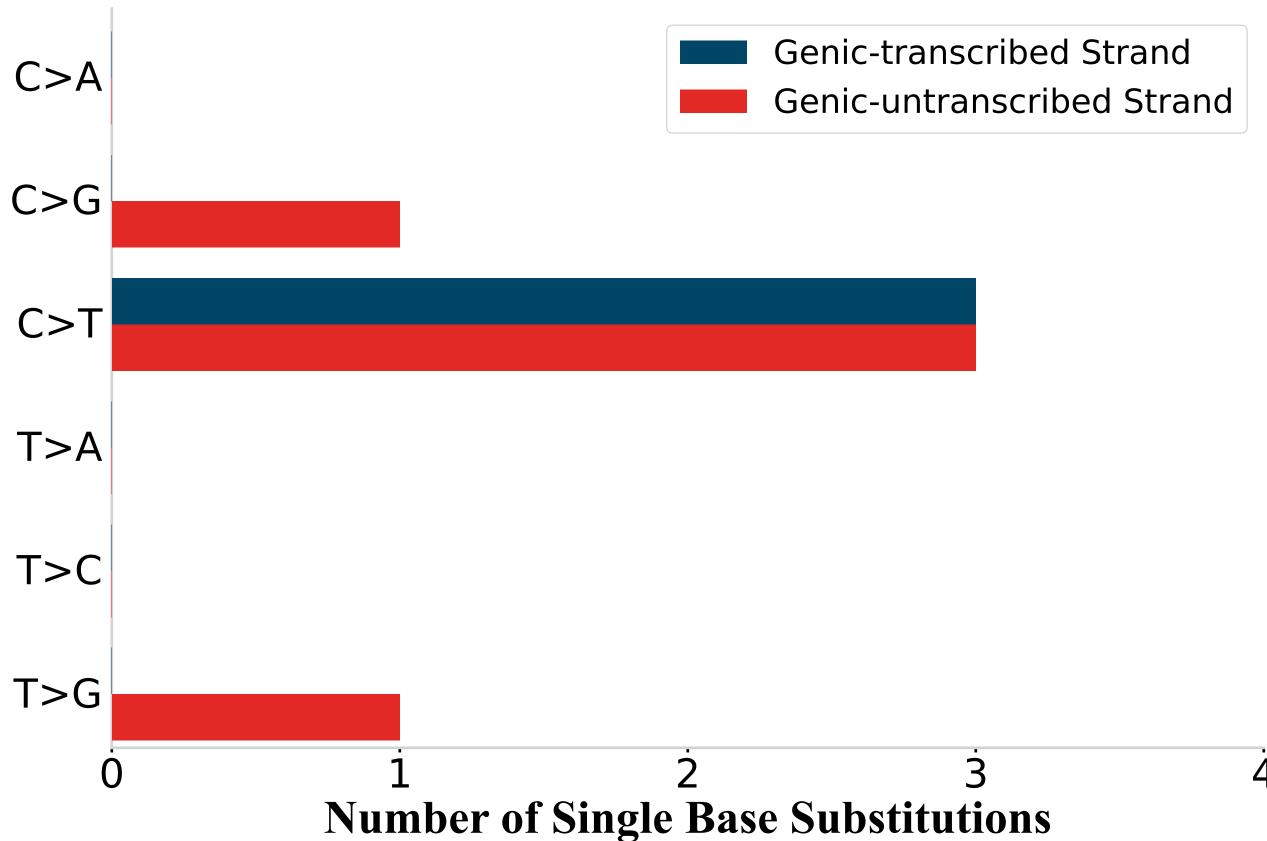
P-0039687-T02-IM6: 14 transcribed subs



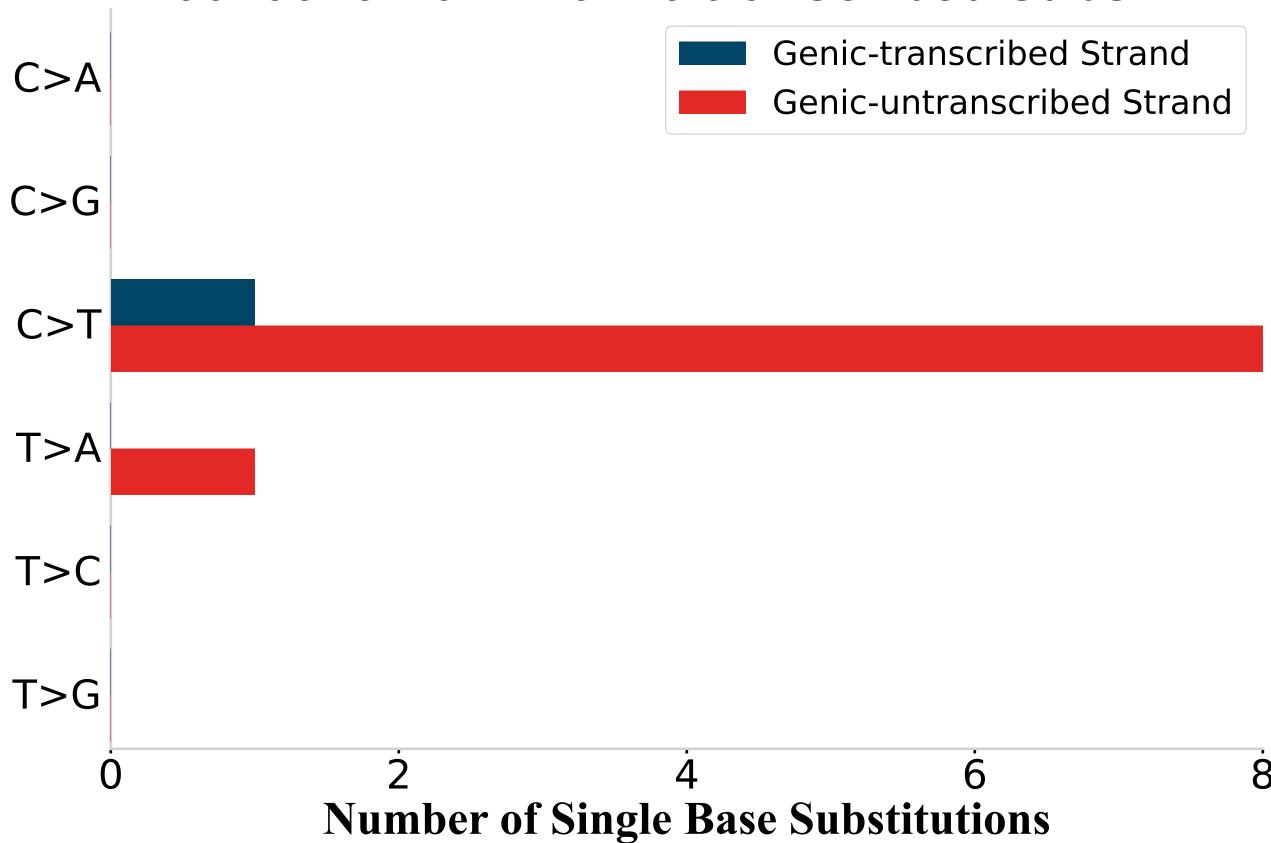
P-0039787-T01-IM6: 6 transcribed subs



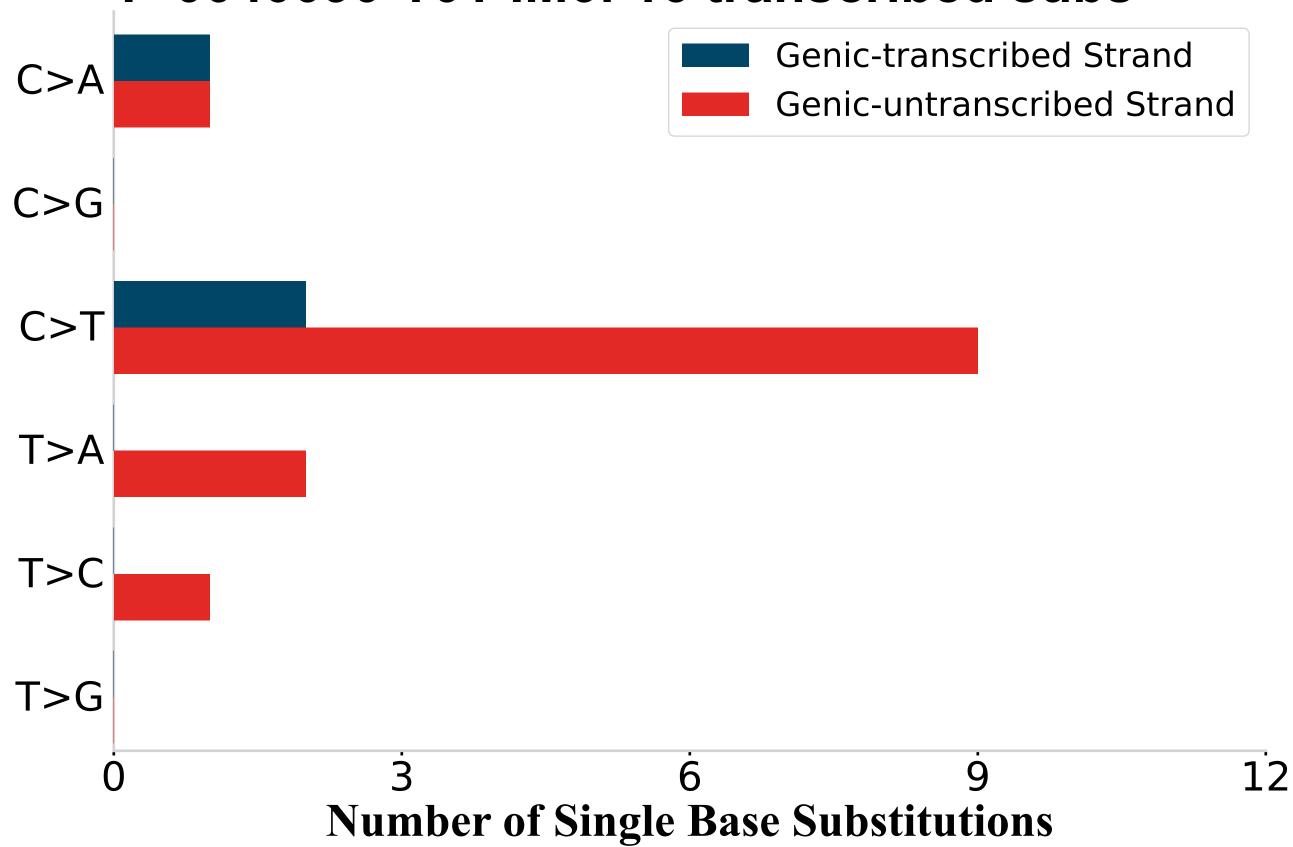
P-0040045-T01-IM6: 8 transcribed subs



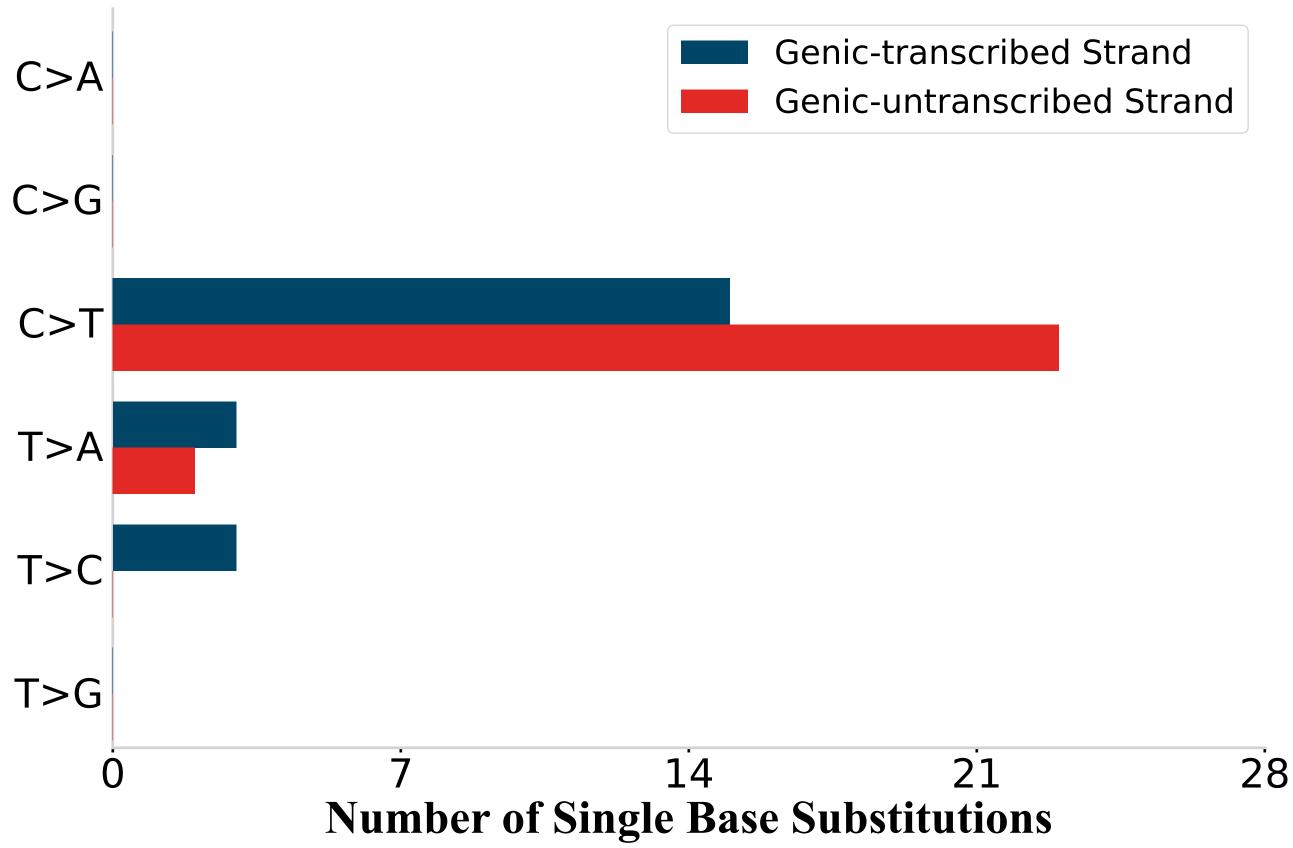
P-0040076-T01-IM6: 10 transcribed subs



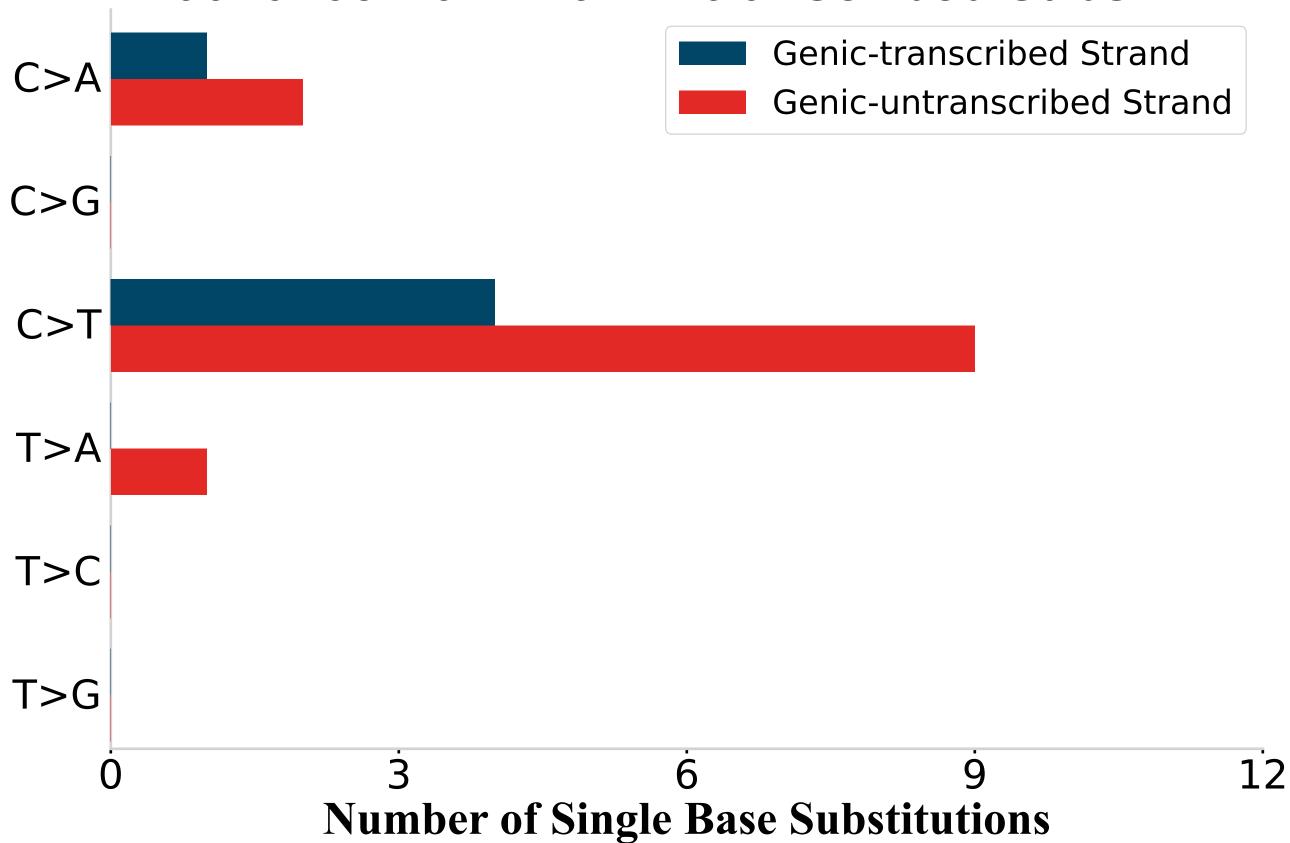
P-0040090-T01-IM6: 16 transcribed subs



P-0040246-T01-IM6: 46 transcribed subs

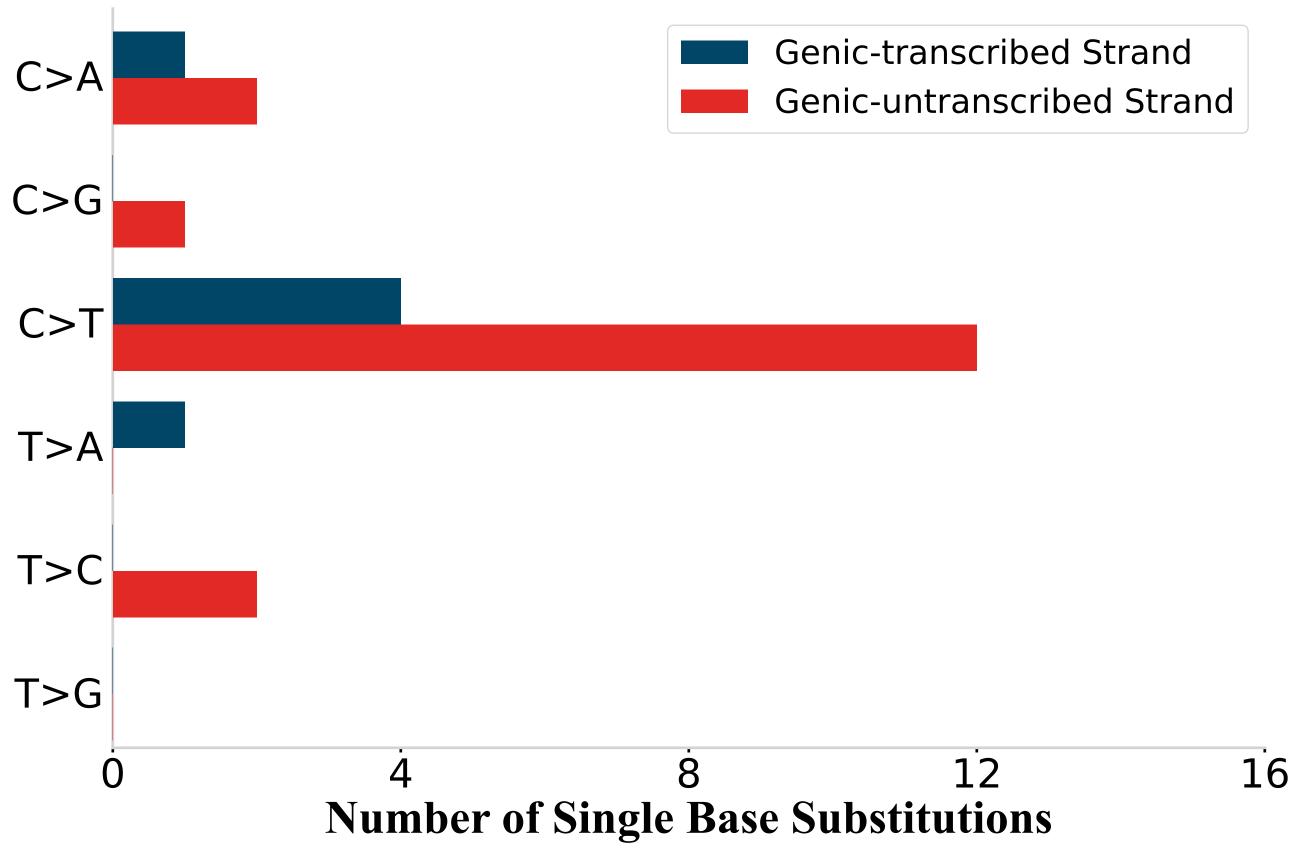


P-0040265-T01-IM6: 17 transcribed subs

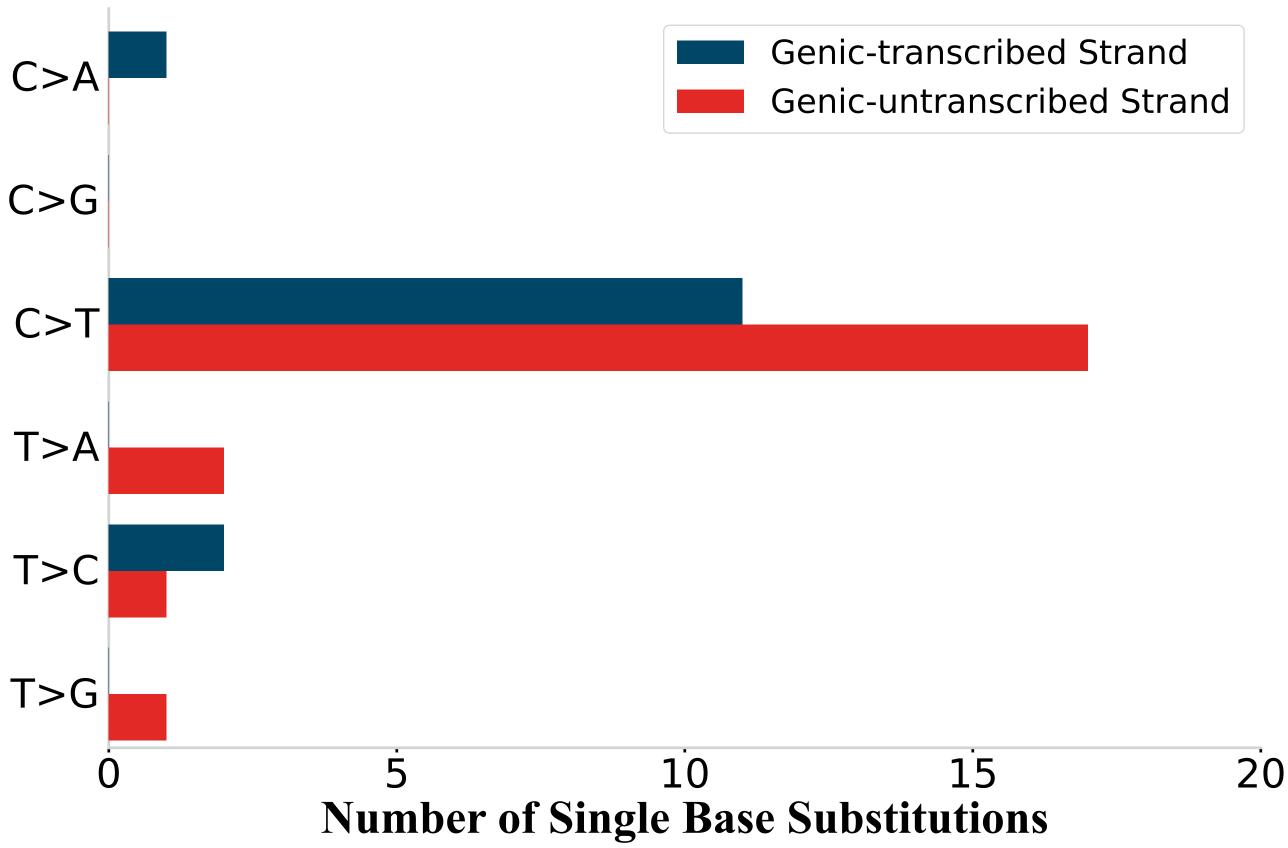


P-0040623-T01-IM6: 111 transcribed subs Genic-transcribed Strand C>A Genic-untranscribed Strand C>T T>A T>G 20 80 40 60 **Number of Single Base Substitutions**

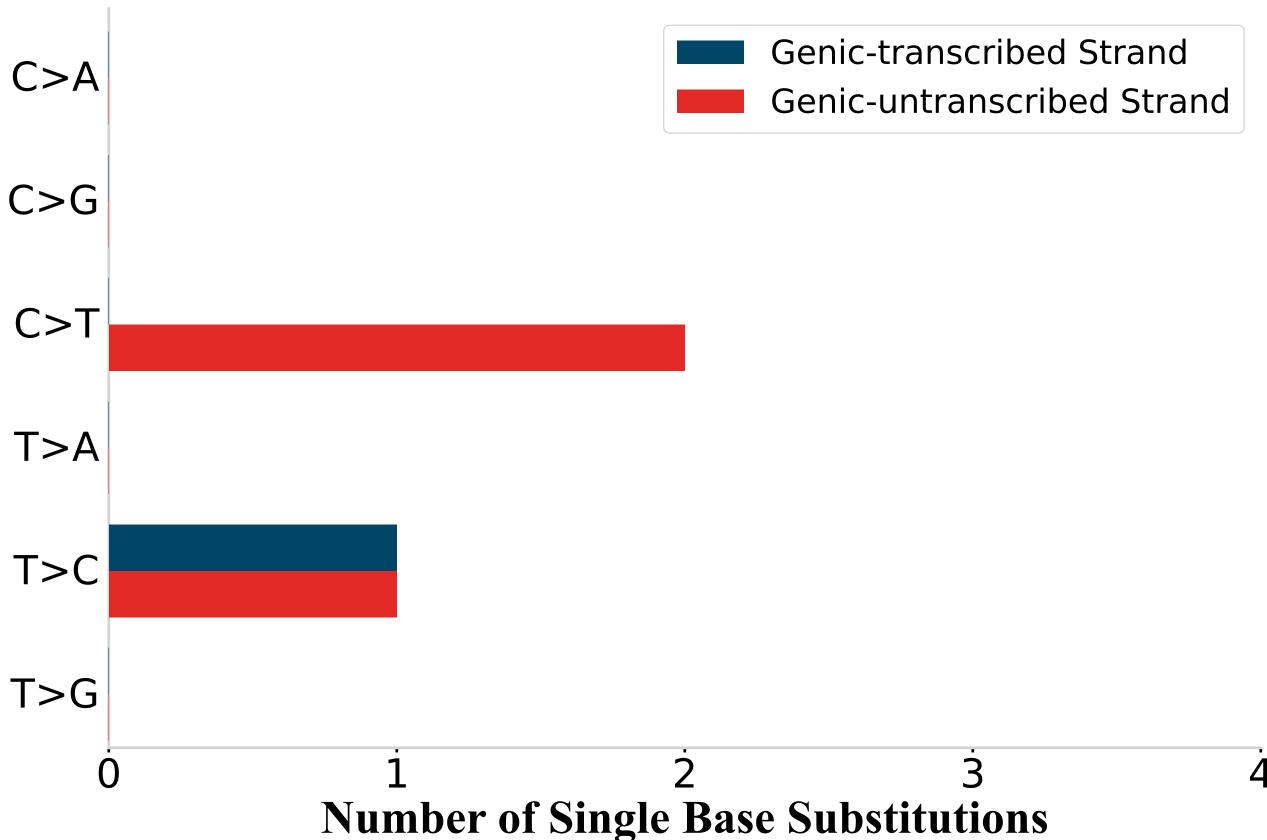
P-0040648-T01-IM6: 23 transcribed subs



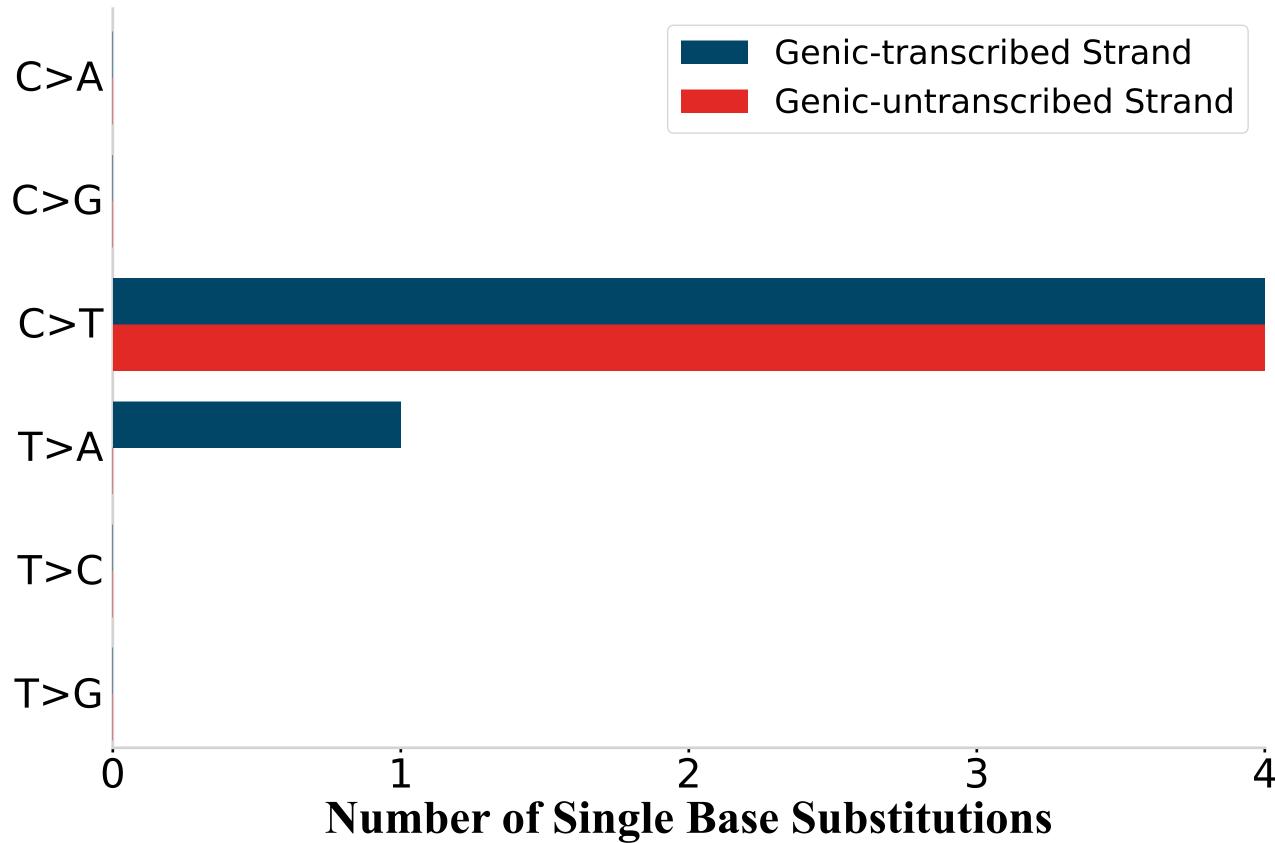
P-0040673-T01-IM6: 35 transcribed subs



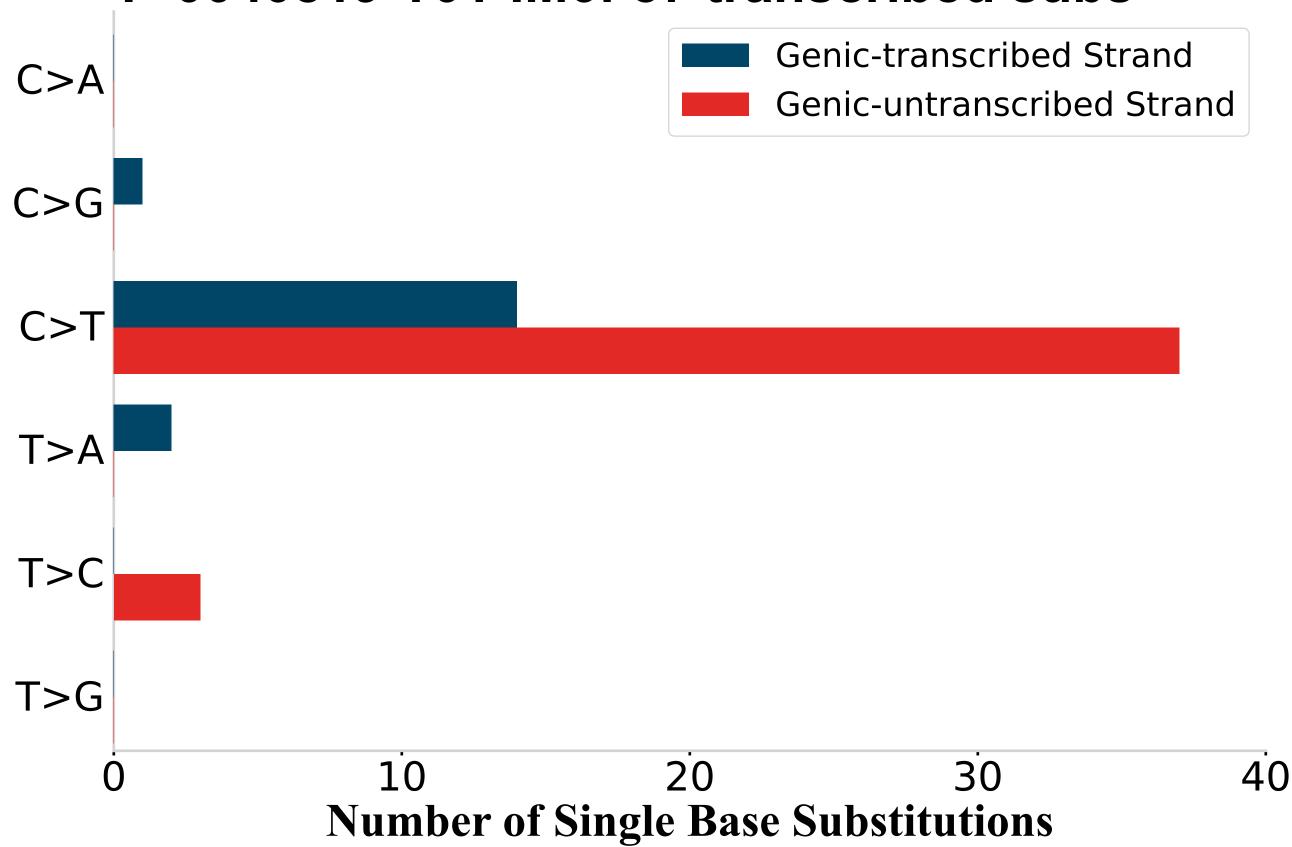
P-0040688-T01-IM6: 4 transcribed subs



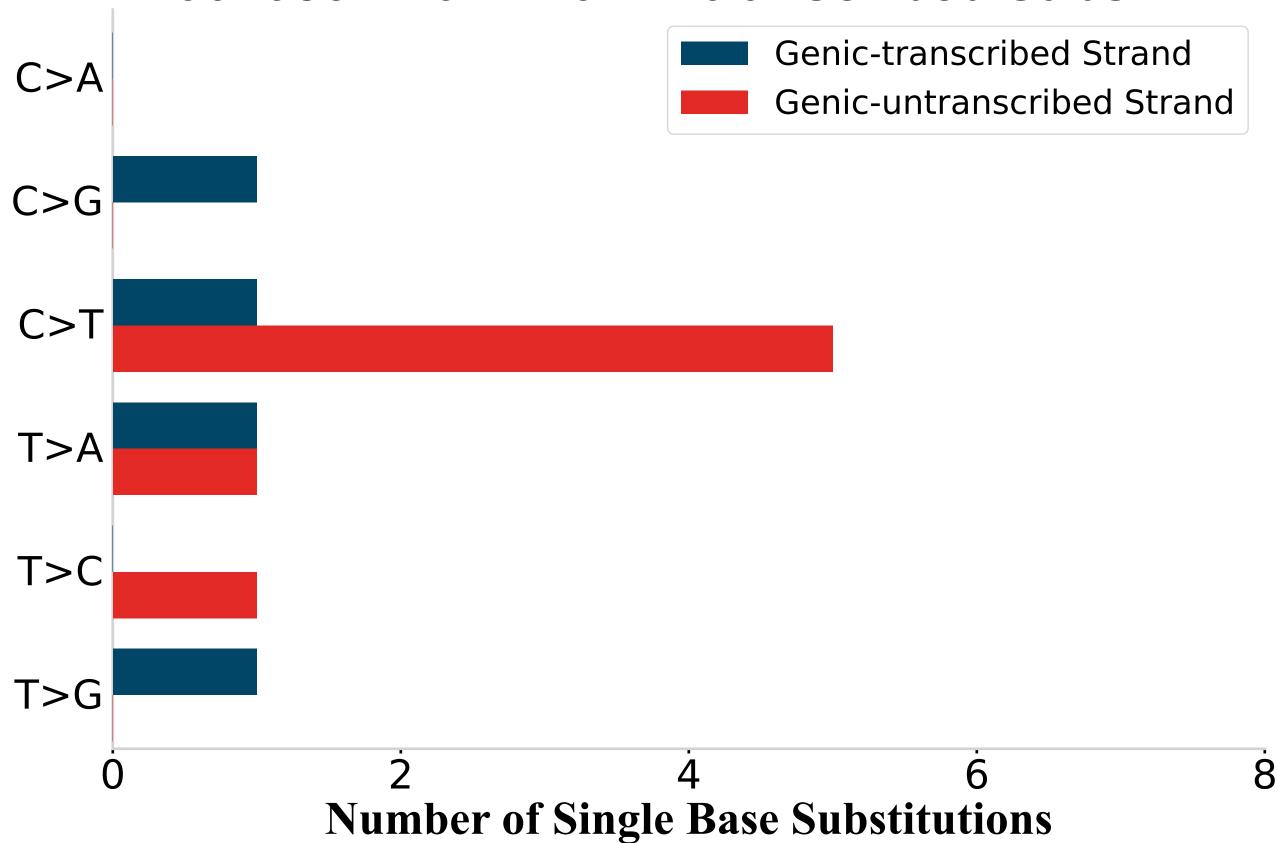
P-0040785-T01-IM6: 9 transcribed subs



P-0040819-T01-IM6: 57 transcribed subs

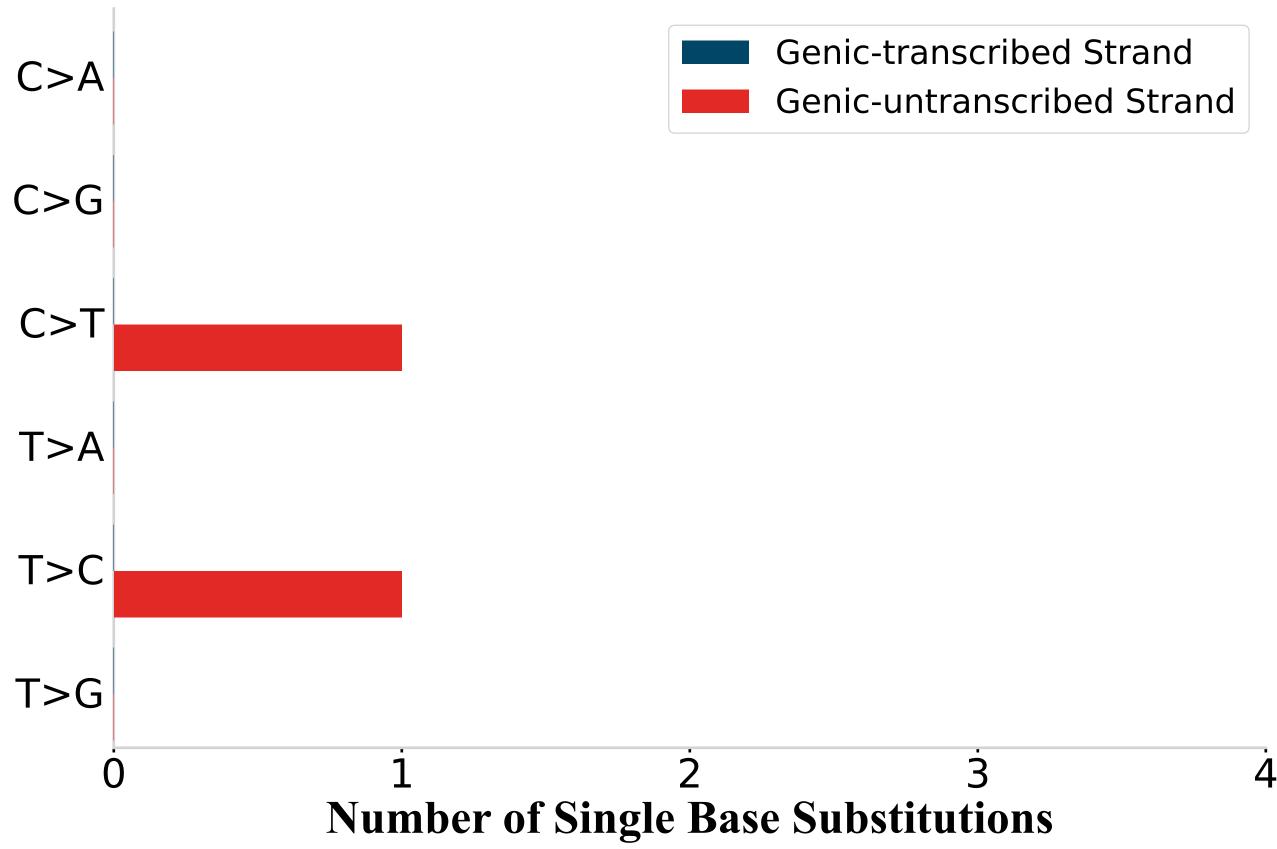


P-0040837-T01-IM6: 11 transcribed subs

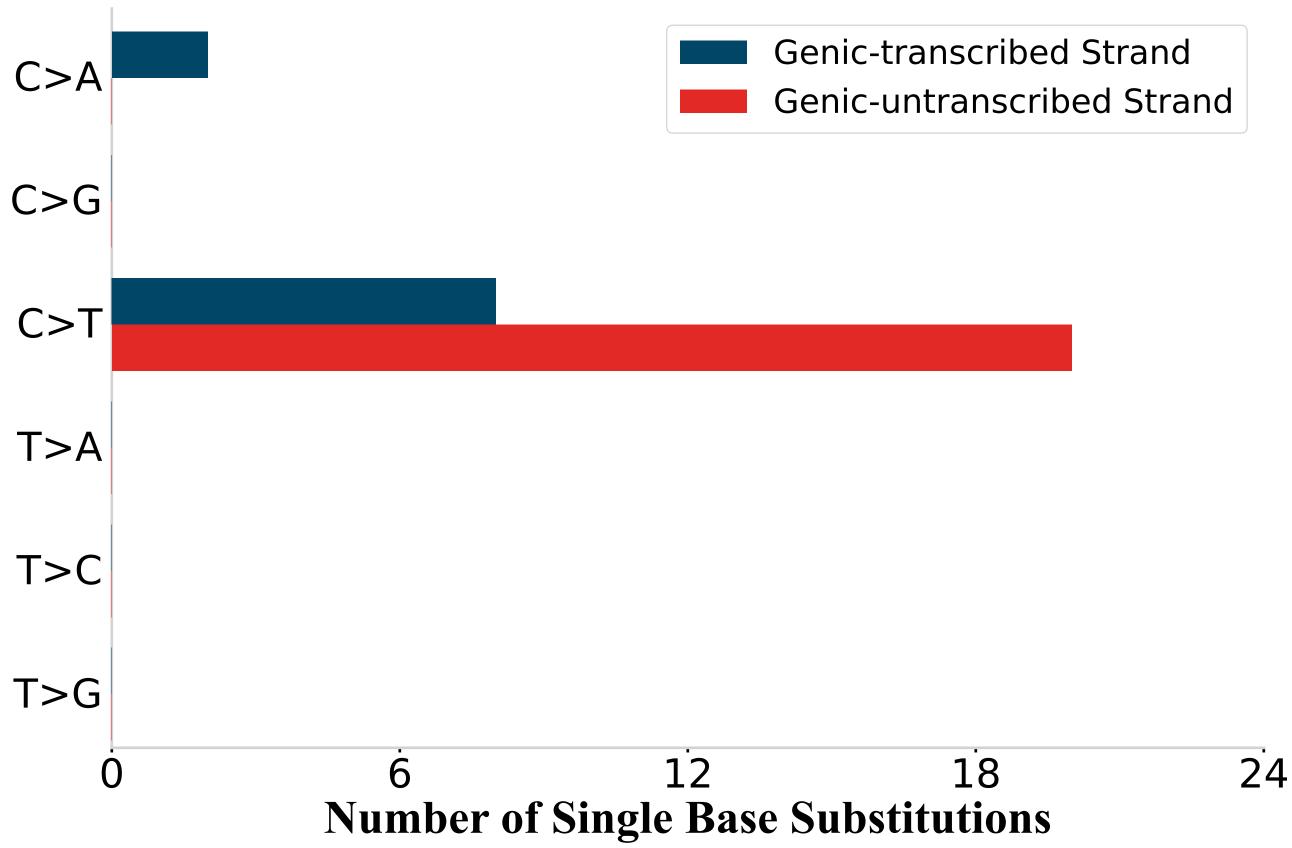


P-0040959-T01-IM6: 145 transcribed subs Genic-transcribed Strand Genic-untranscribed Strand C>T T>AT>G 24 72 48 96 **Number of Single Base Substitutions**

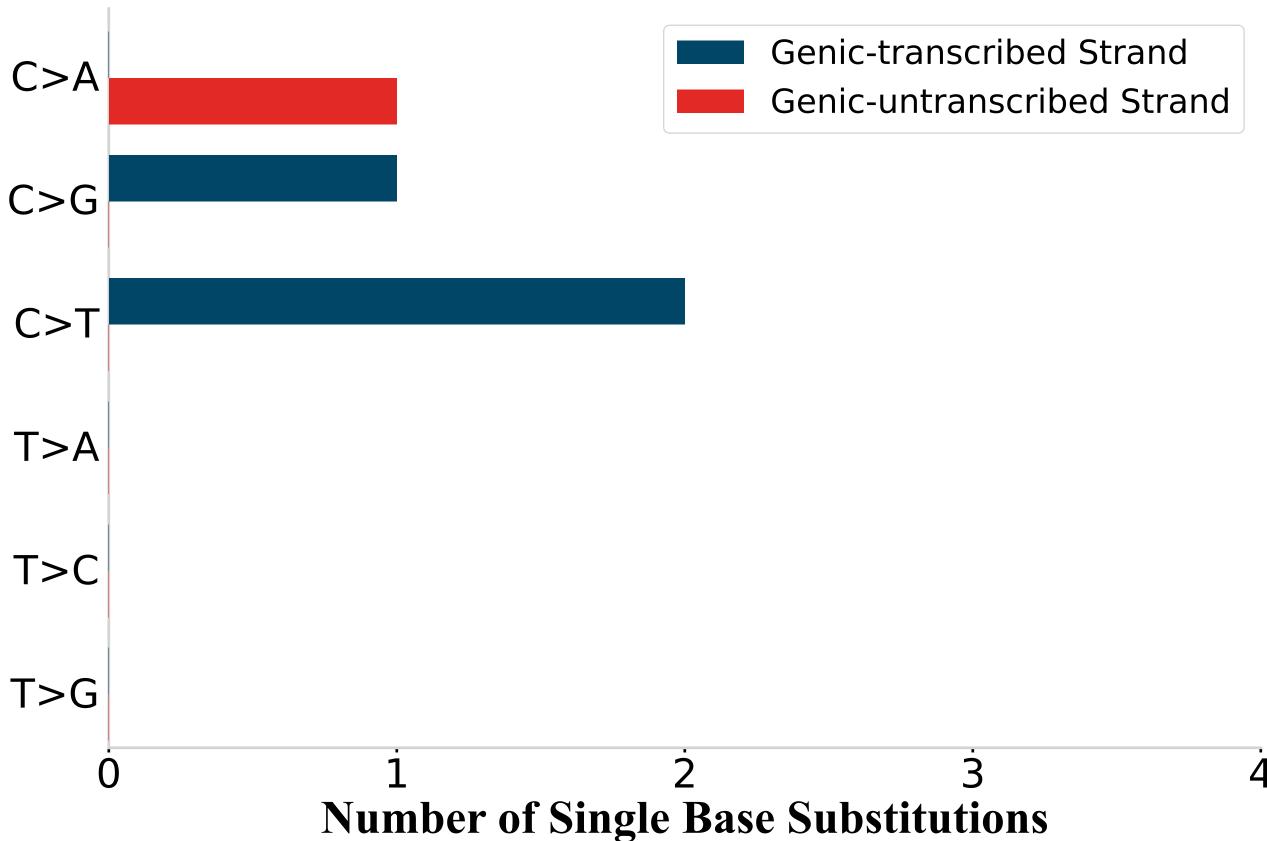
P-0041024-T01-IM6: 2 transcribed subs



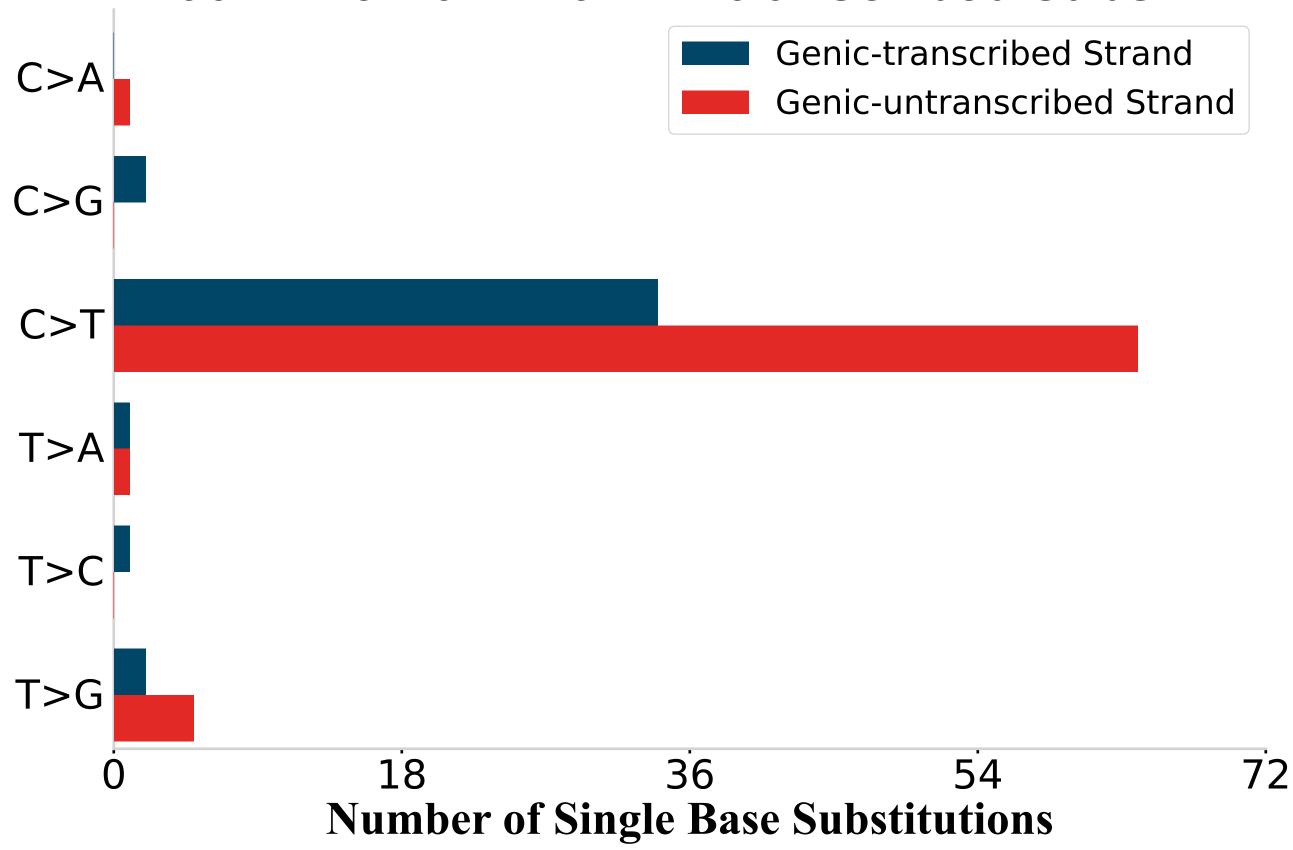
P-0041068-T01-IM6: 30 transcribed subs



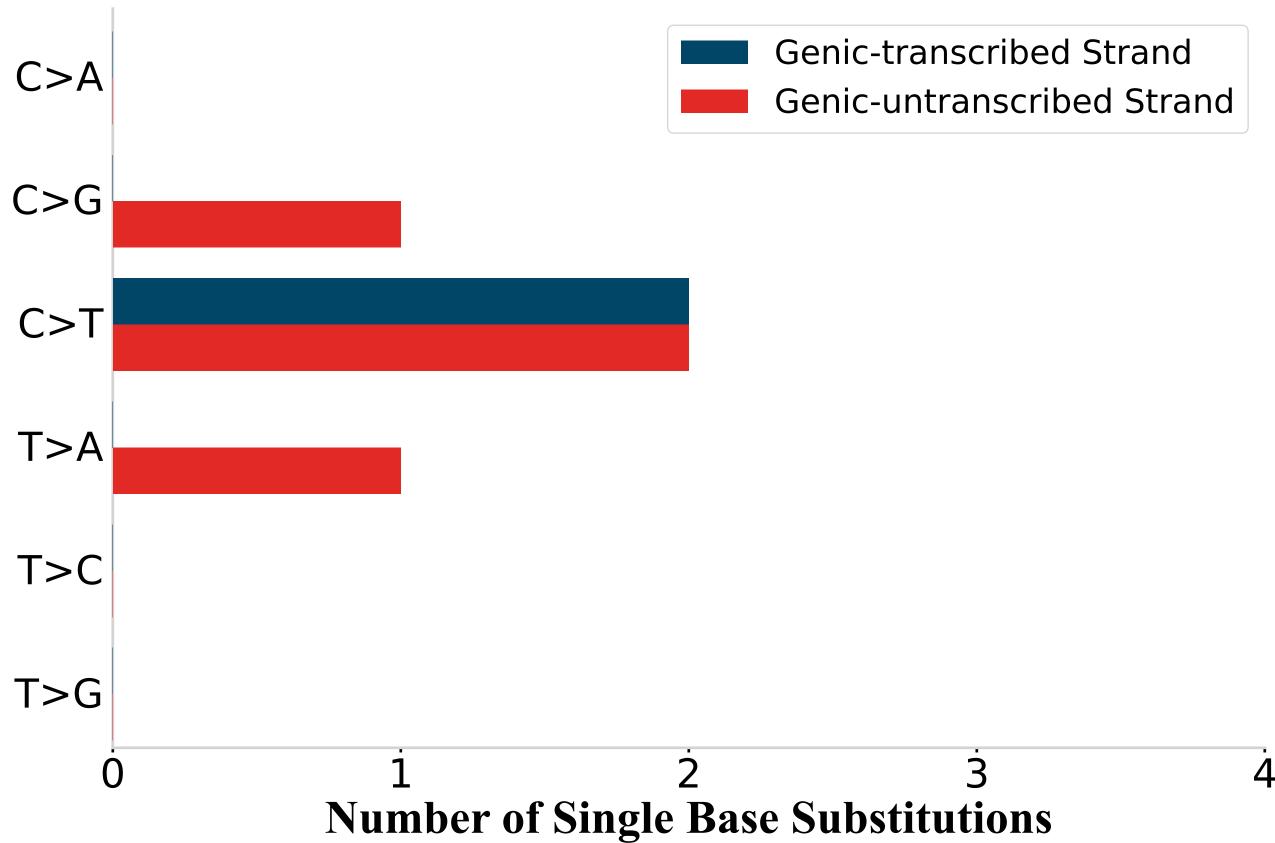
P-0041122-T01-IM6: 4 transcribed subs



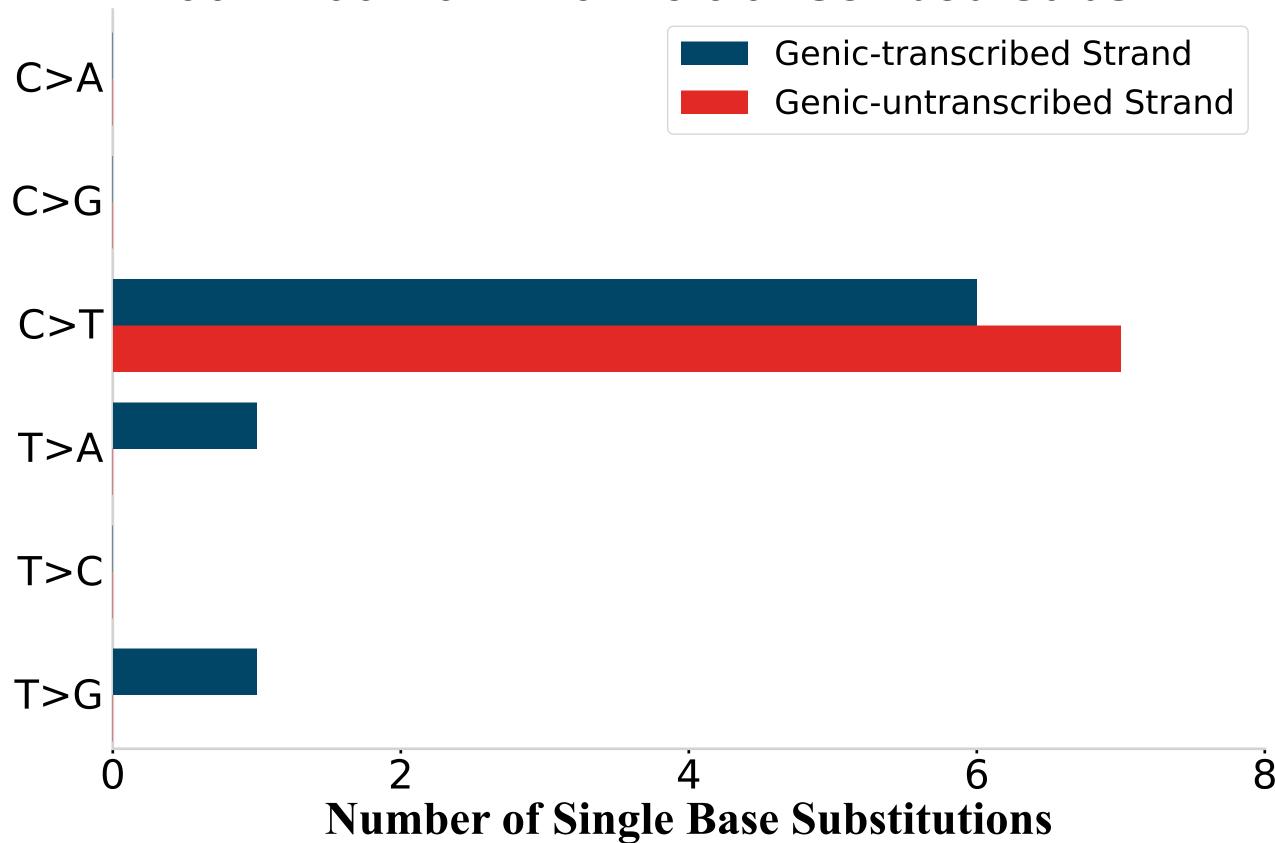
P-0041173-T01-IM6: 111 transcribed subs



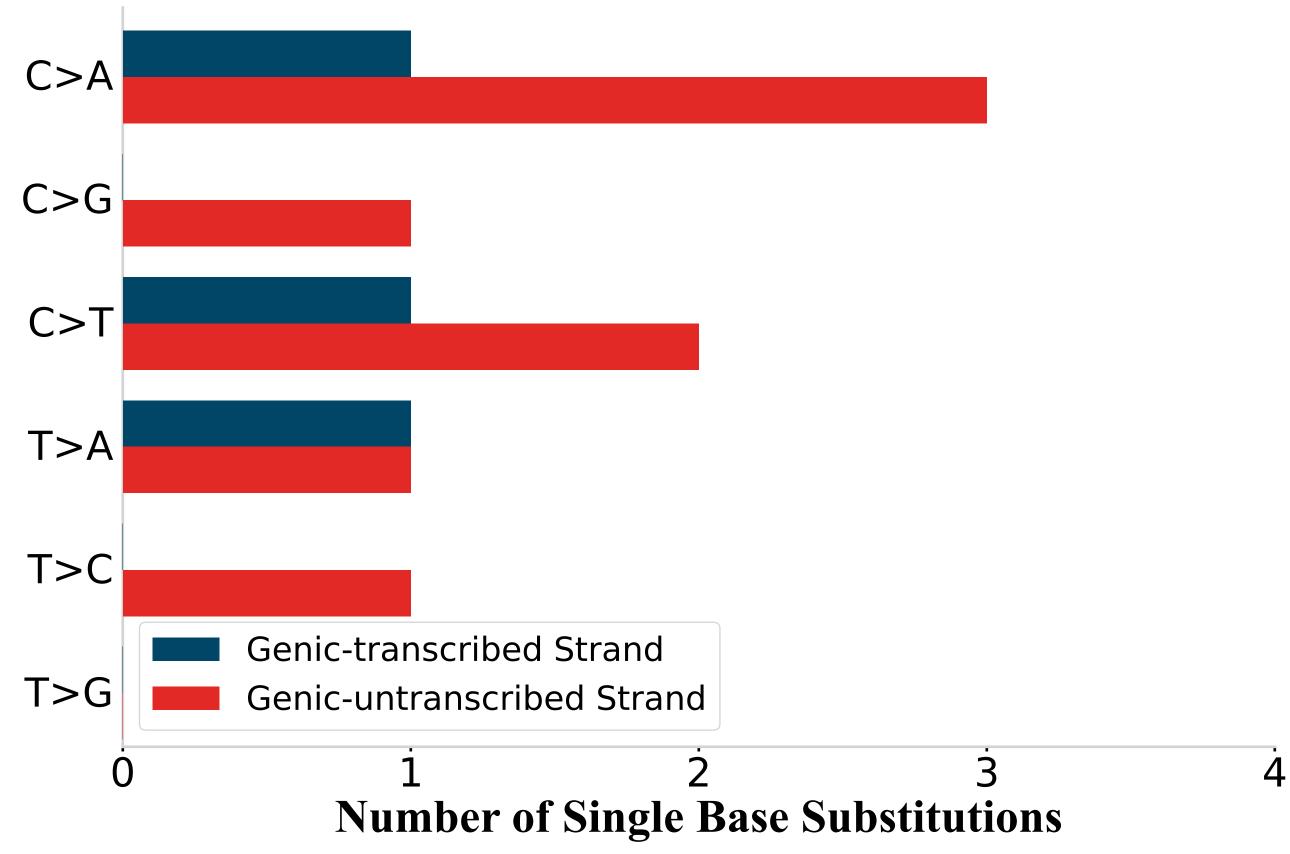
P-0041199-T01-IM6: 6 transcribed subs



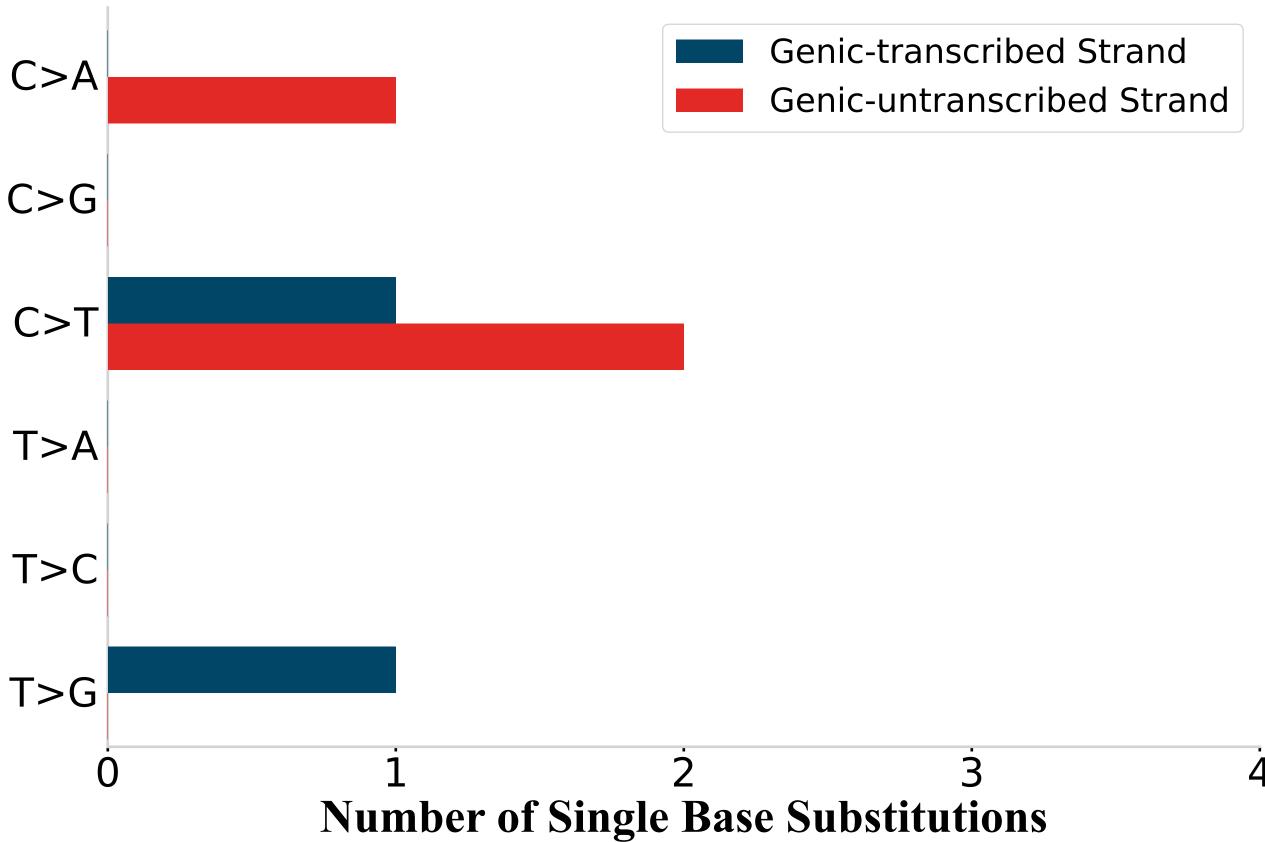
P-0041200-T01-IM6: 15 transcribed subs



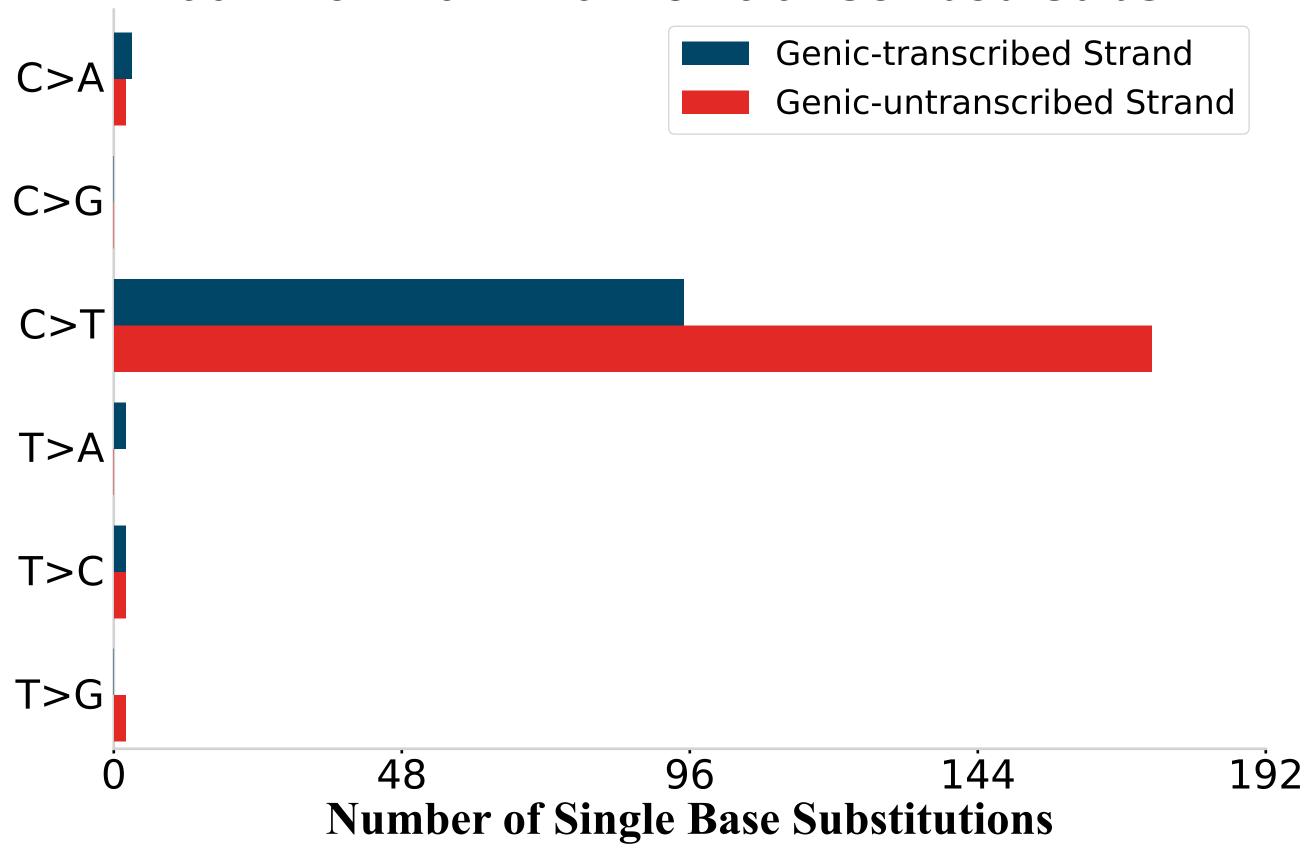
P-0041256-T02-IM6: 11 transcribed subs



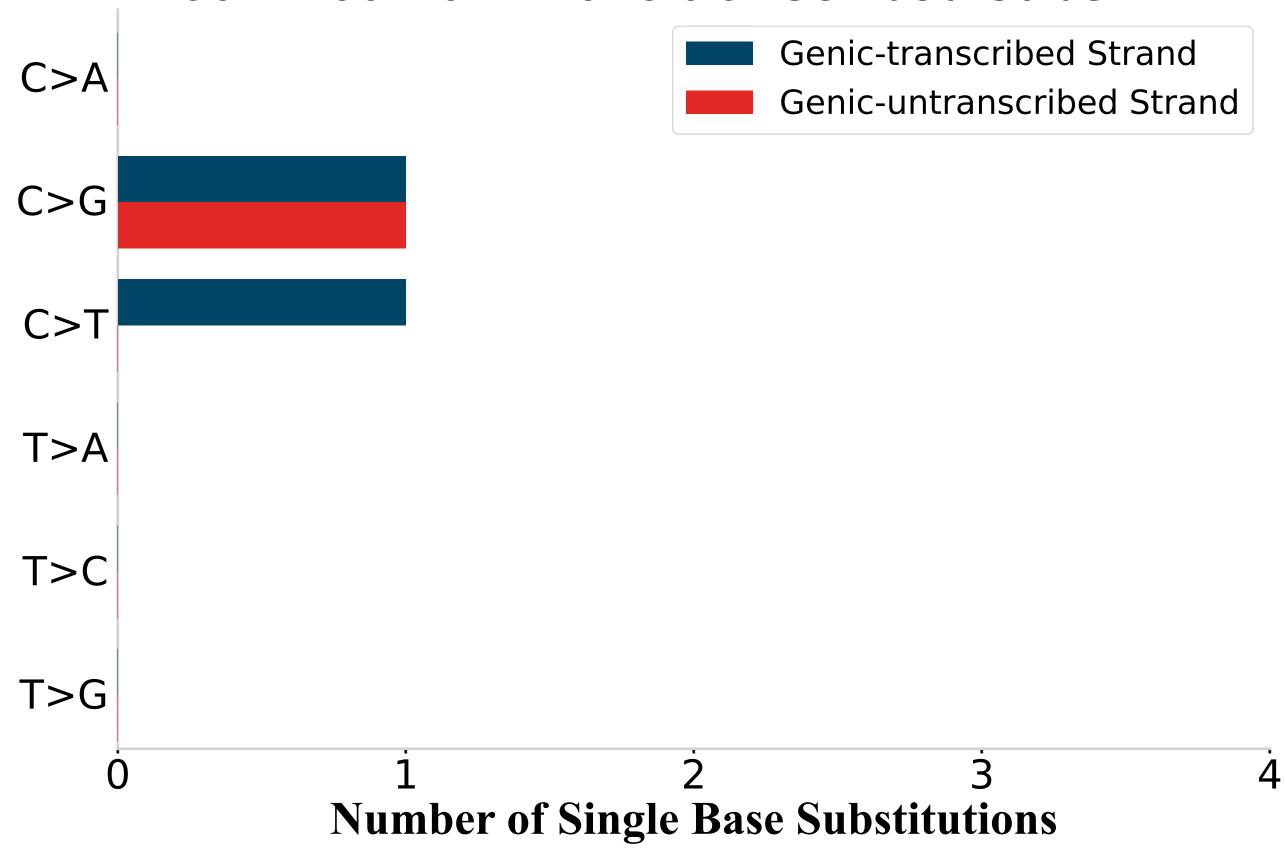
P-0041327-T01-IM6: 5 transcribed subs



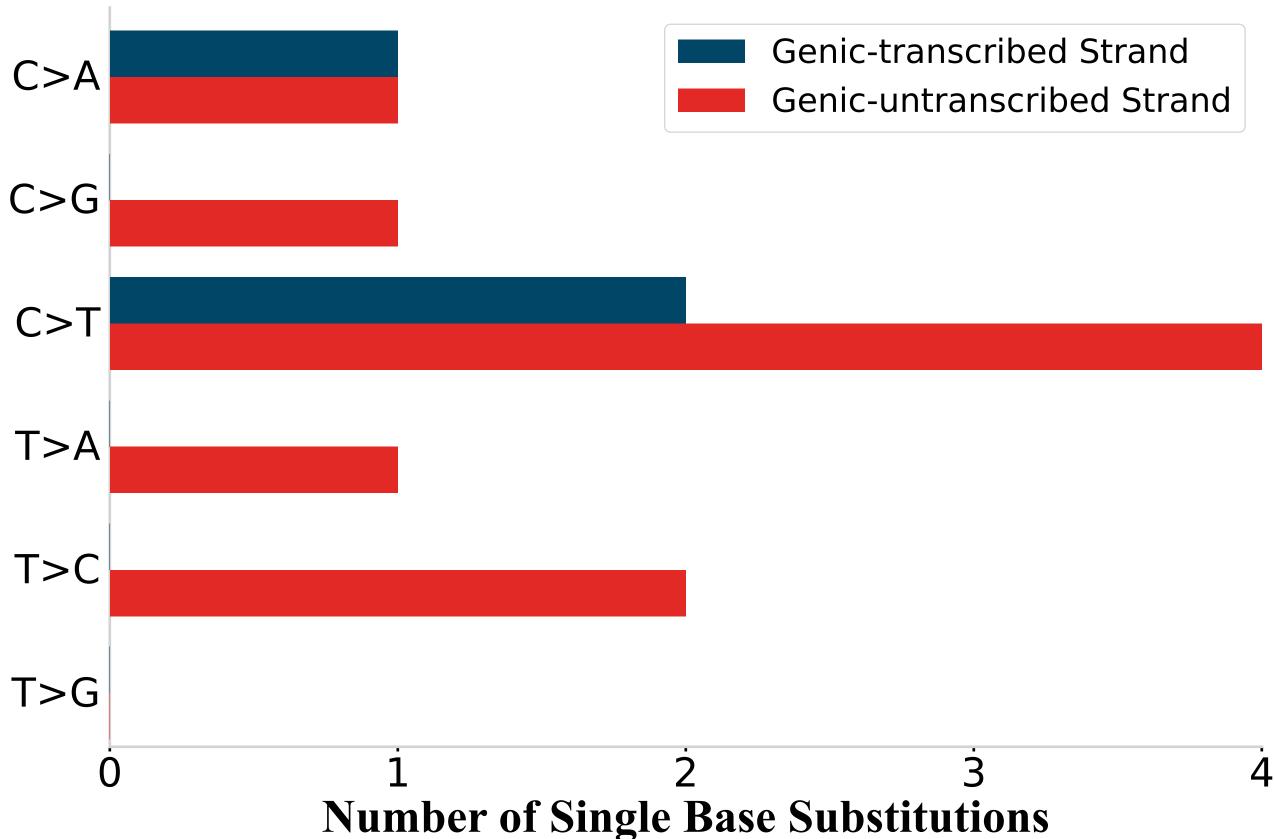
P-0041437-T01-IM6: 281 transcribed subs



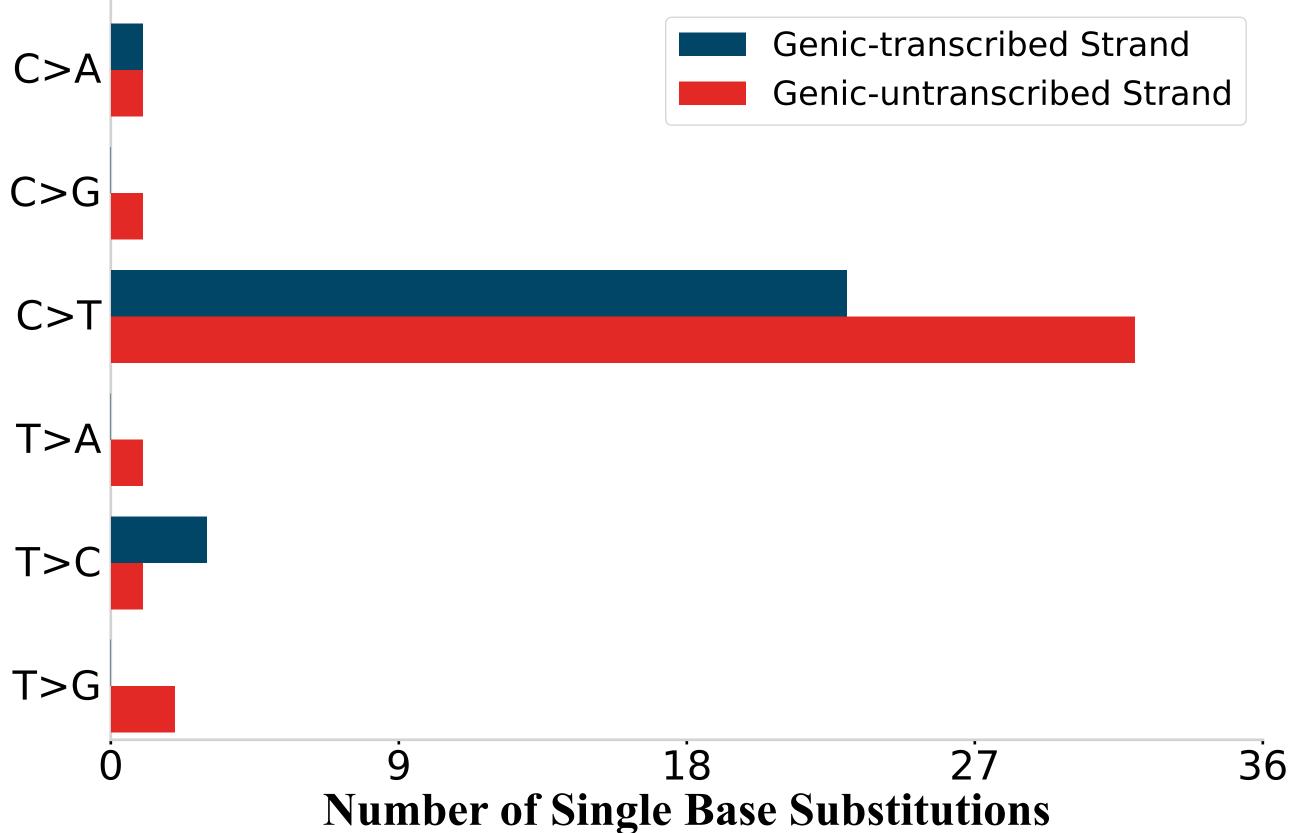
P-0041460-T01-IM6: 3 transcribed subs



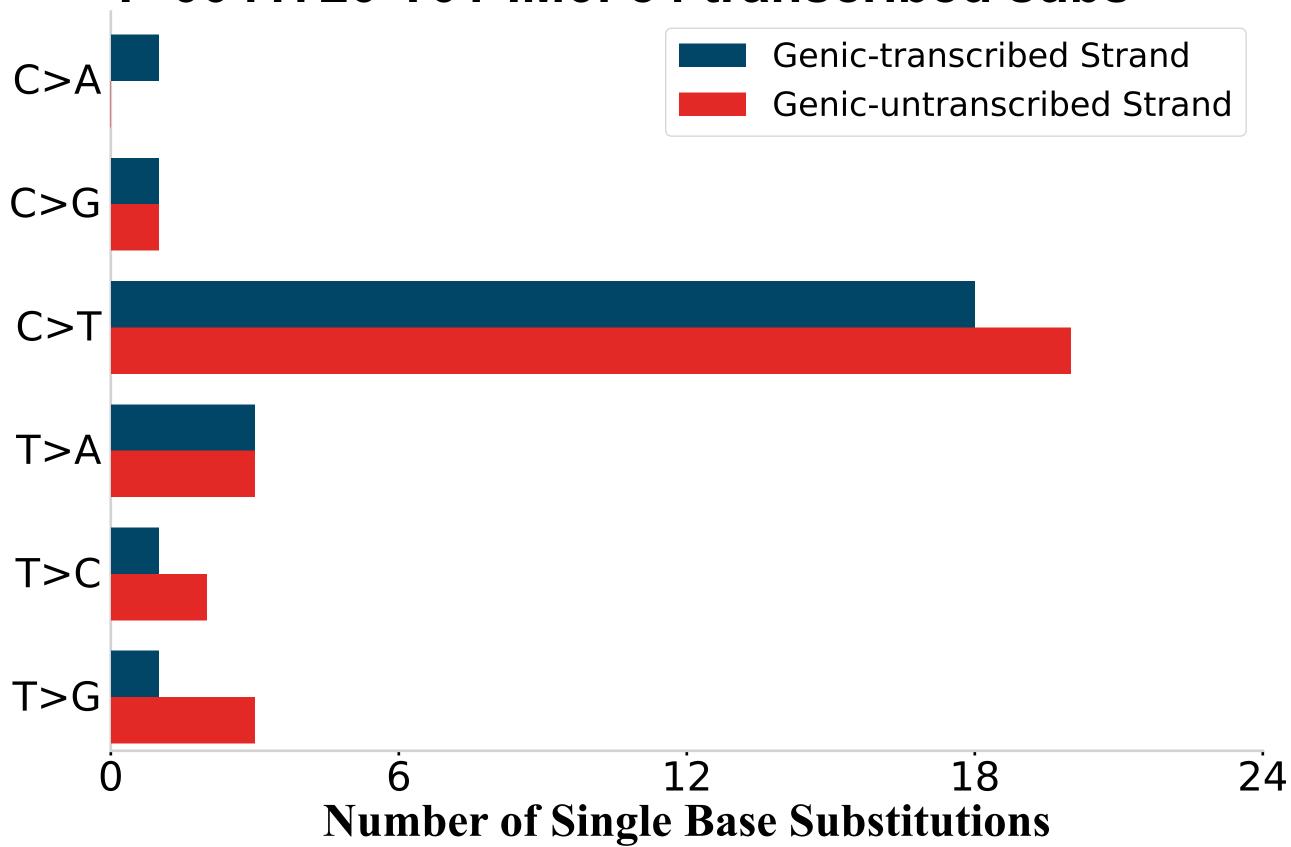
P-0041526-T01-IM6: 12 transcribed subs



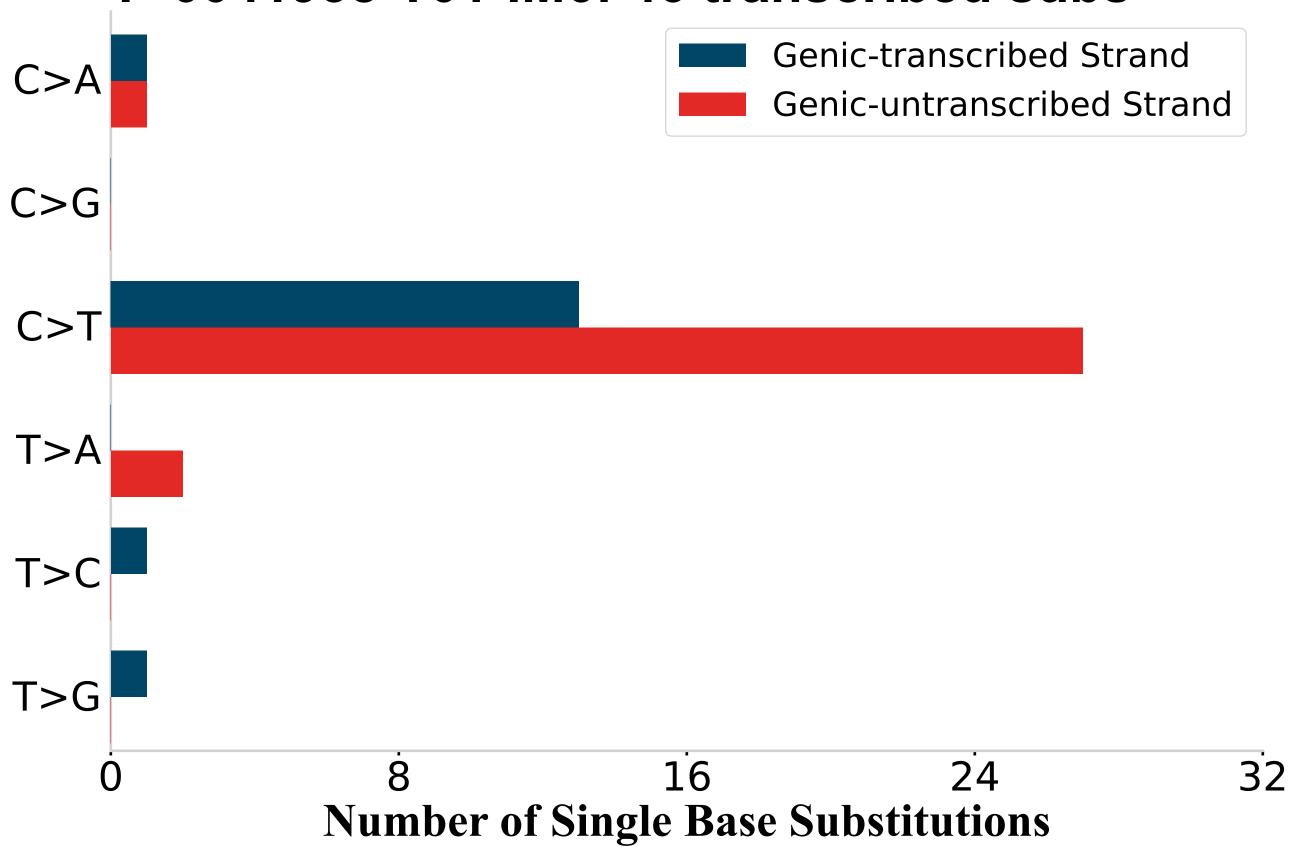
P-0041588-T01-IM6: 65 transcribed subs



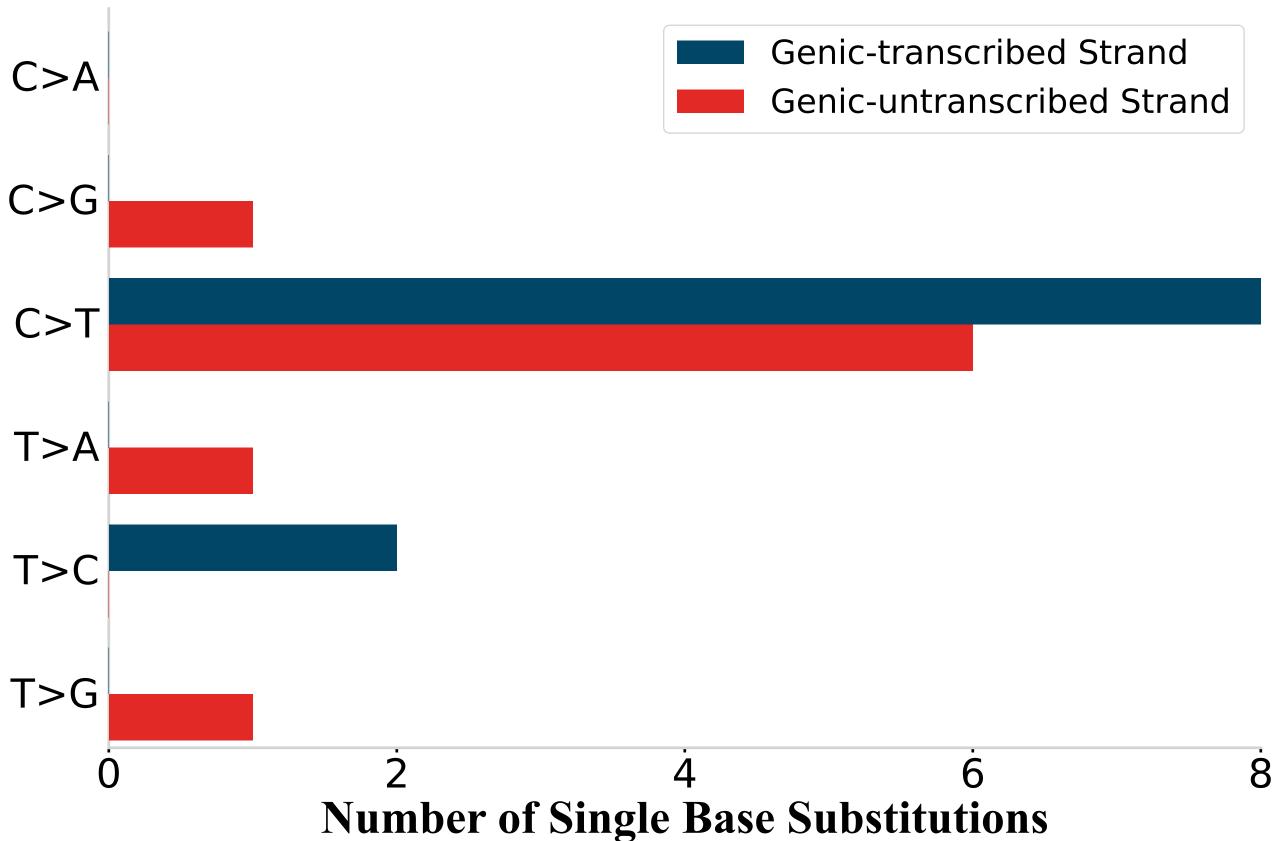
P-0041720-T01-IM6: 54 transcribed subs



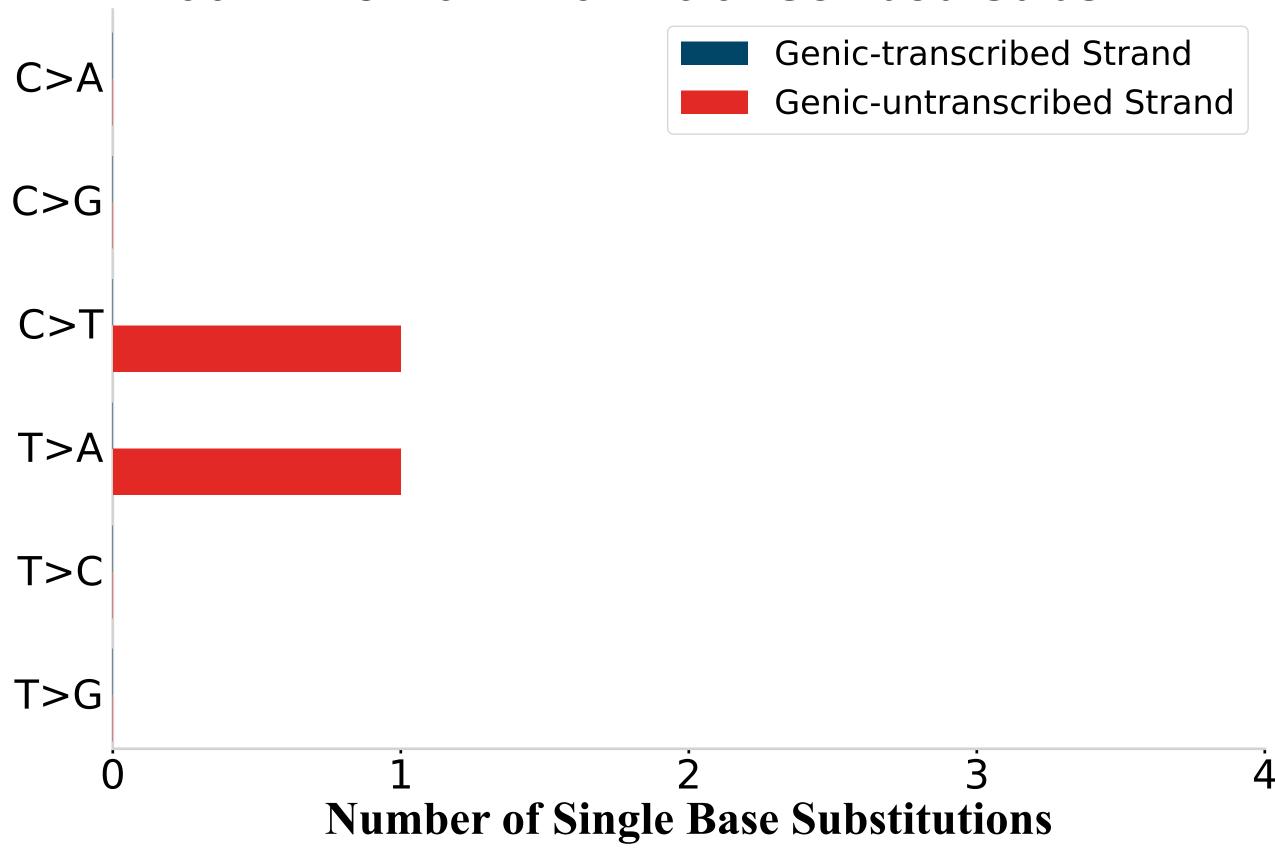
P-0041938-T01-IM6: 46 transcribed subs



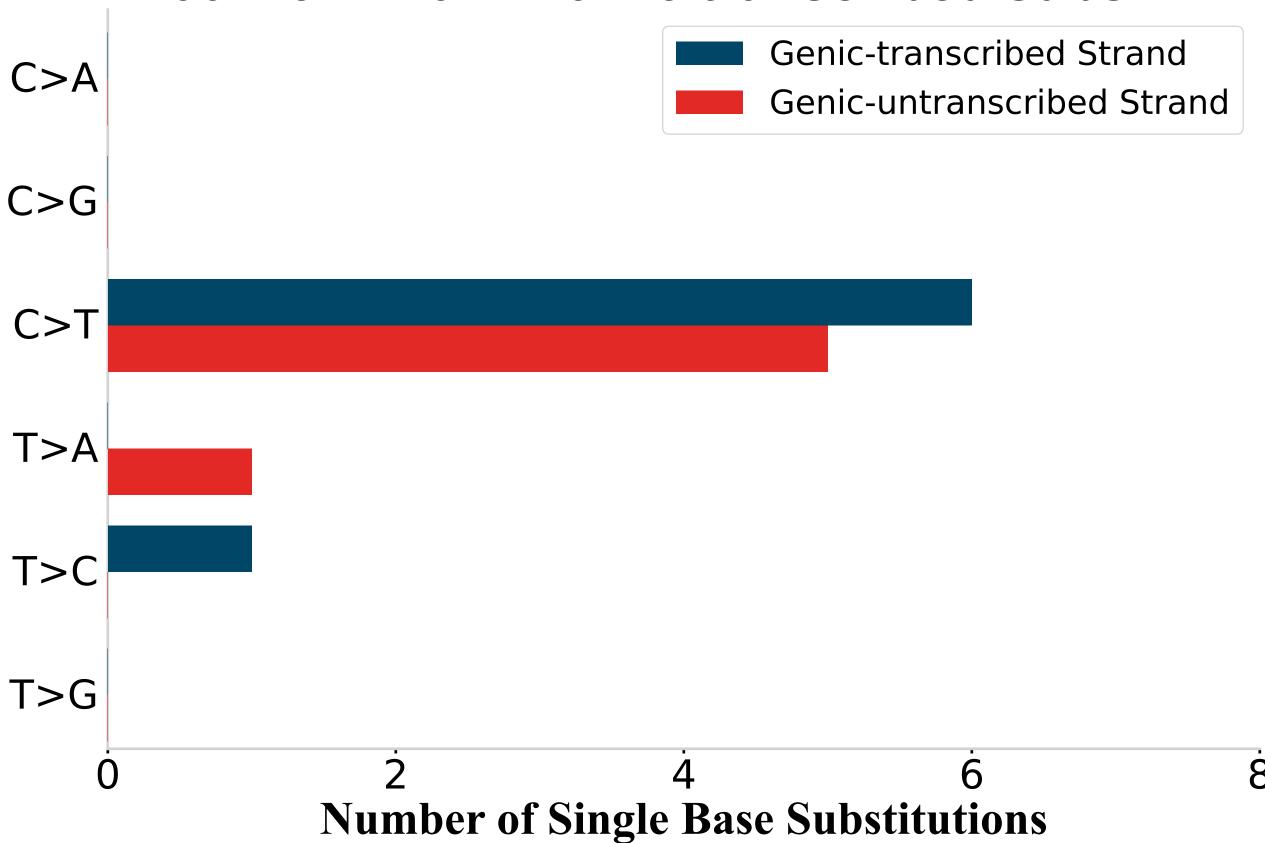
P-0042134-T01-IM6: 19 transcribed subs



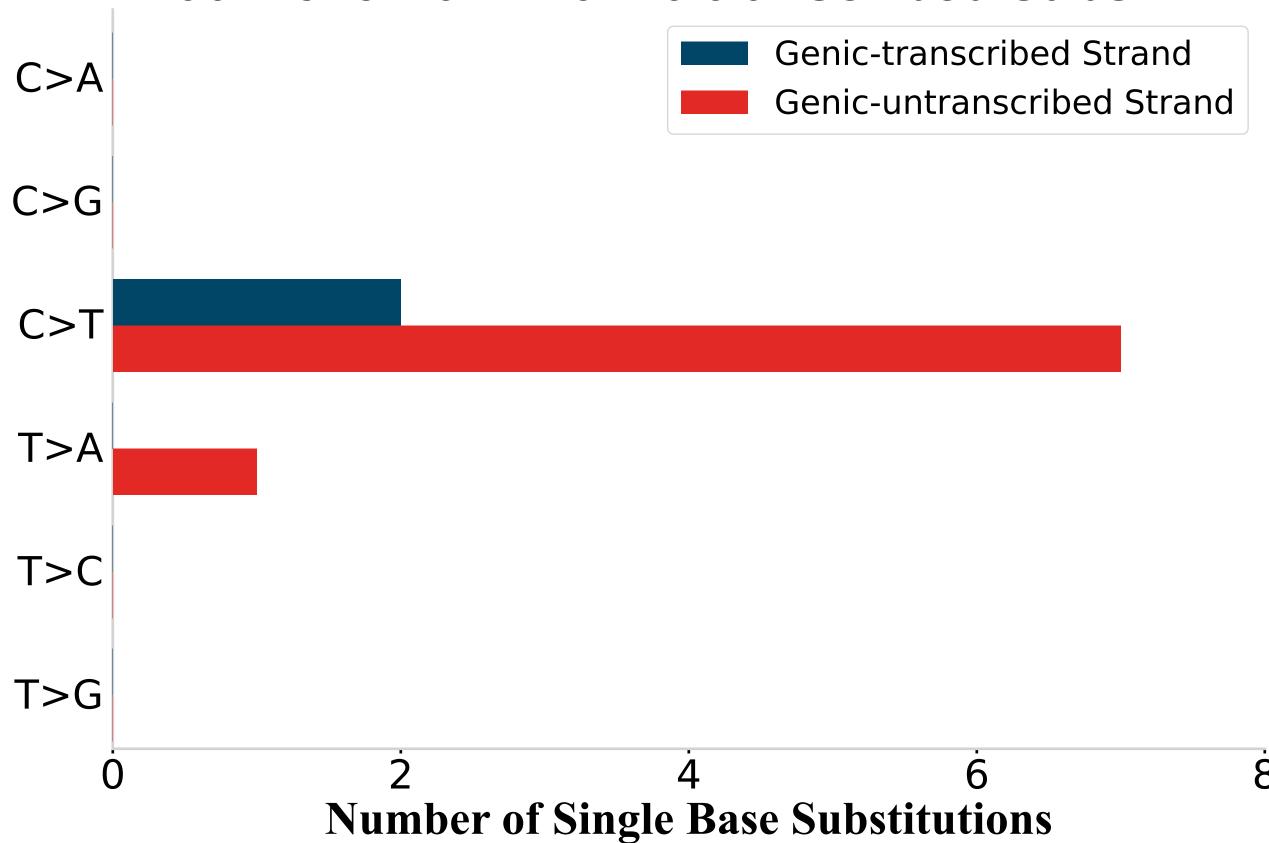
P-0042278-T01-IM6: 2 transcribed subs



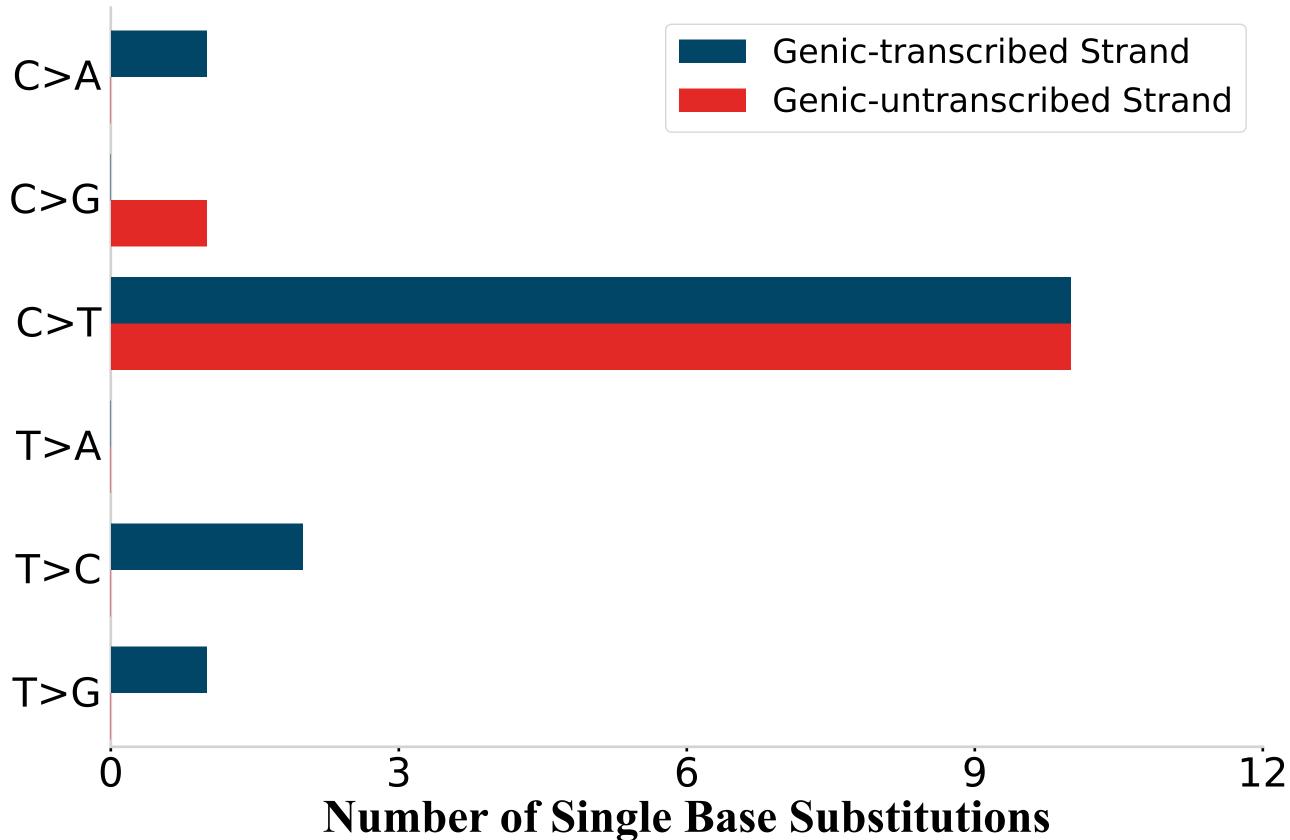
P-0042342-T01-IM6: 13 transcribed subs



P-0042545-T01-IM6: 10 transcribed subs



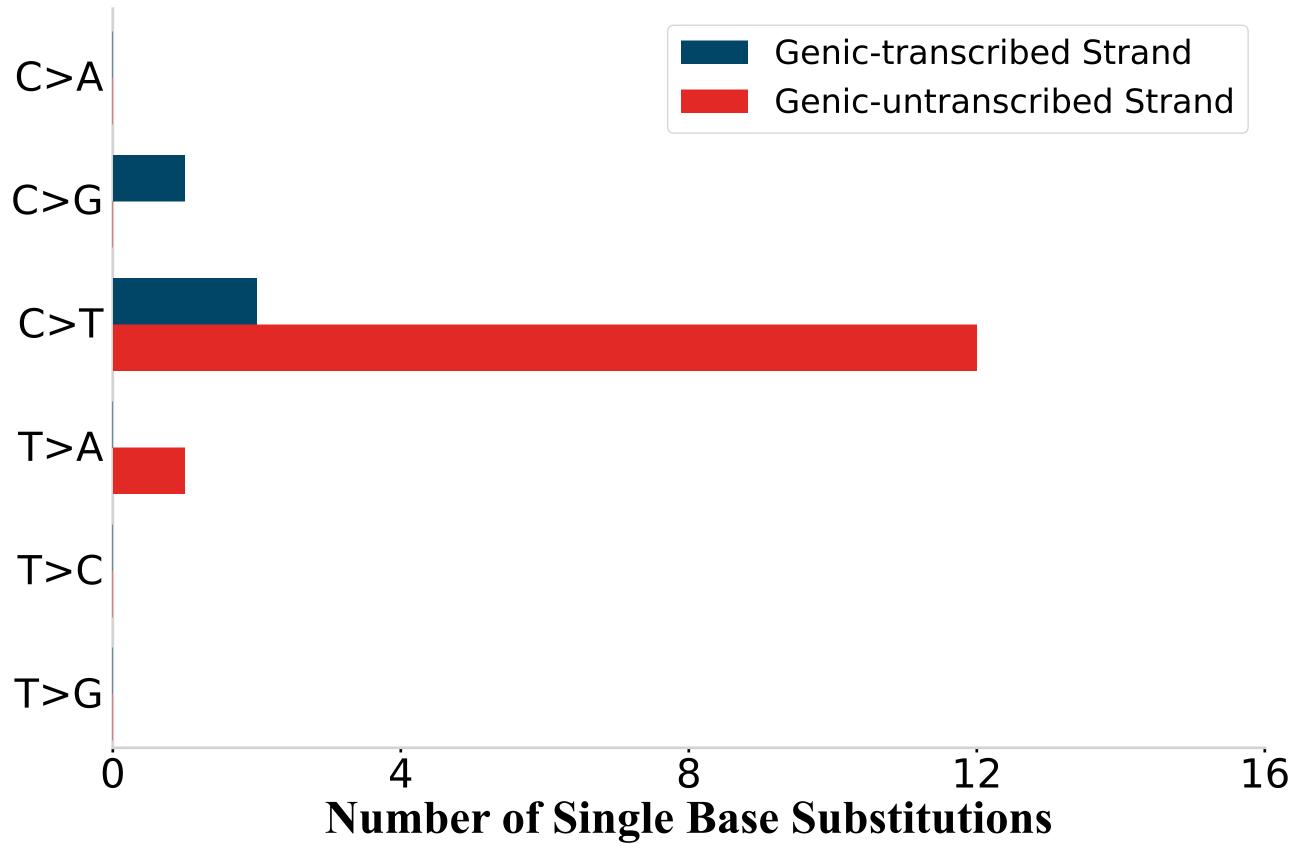
P-0042585-T01-IM6: 25 transcribed subs



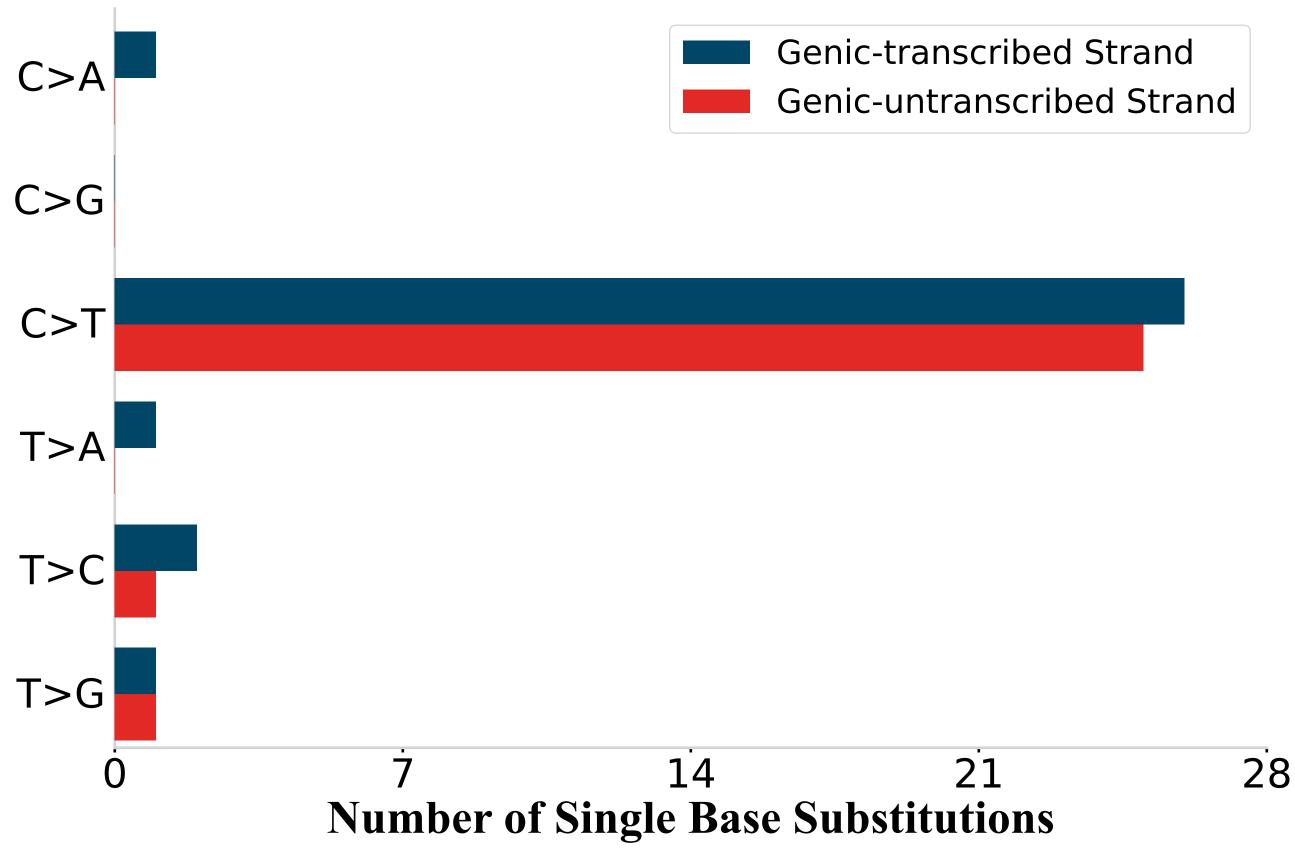
P-0042646-T01-IM6: 1 transcribed subs



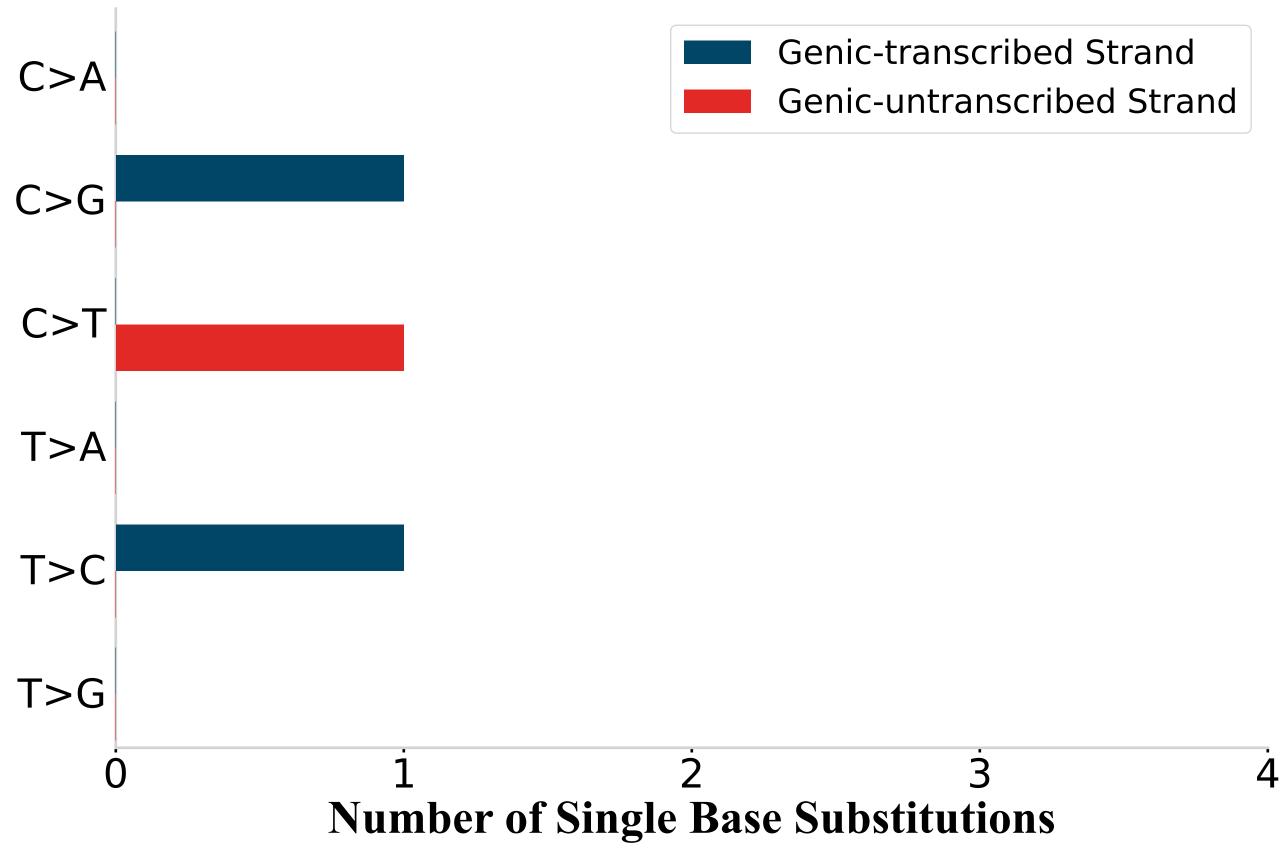
P-0042758-T01-IM6: 16 transcribed subs



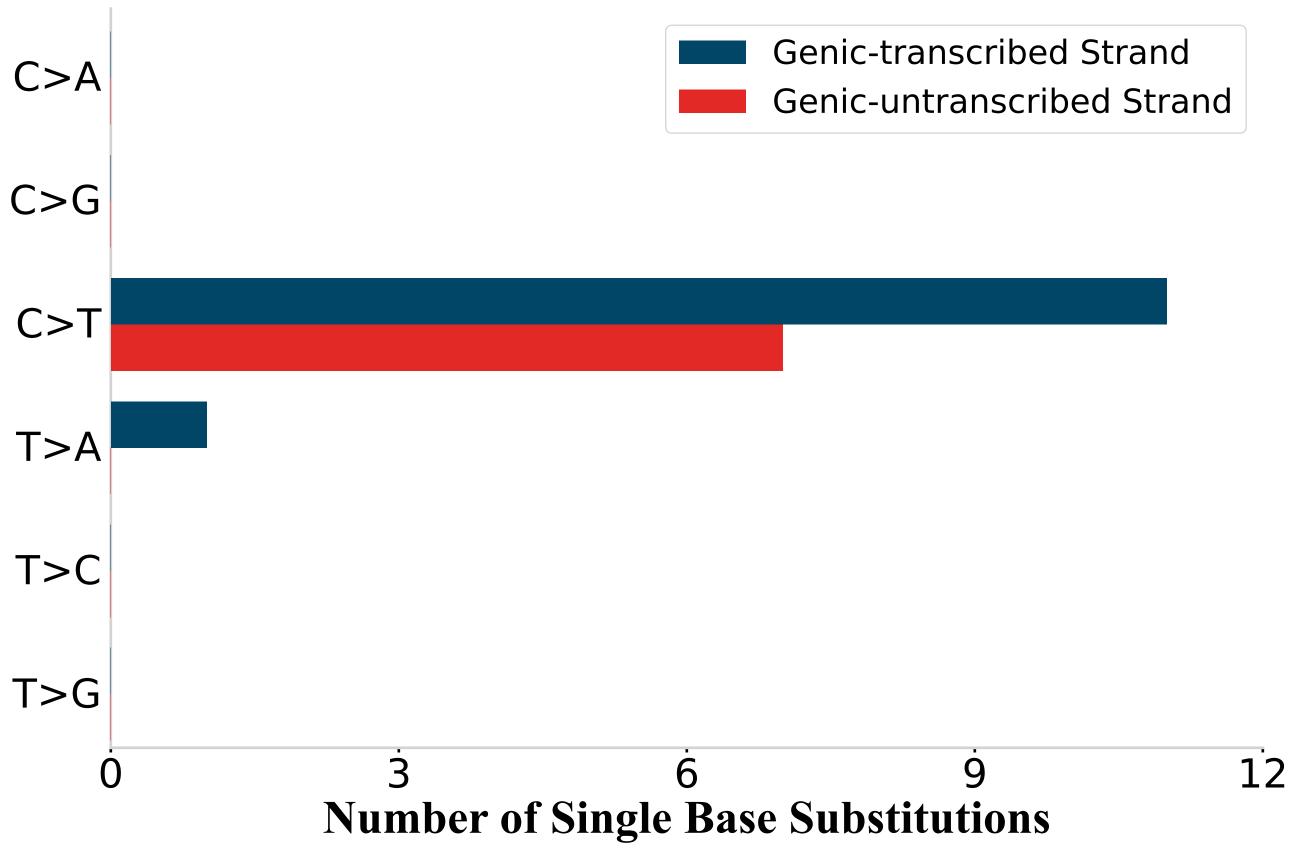
P-0042849-T01-IM6: 58 transcribed subs



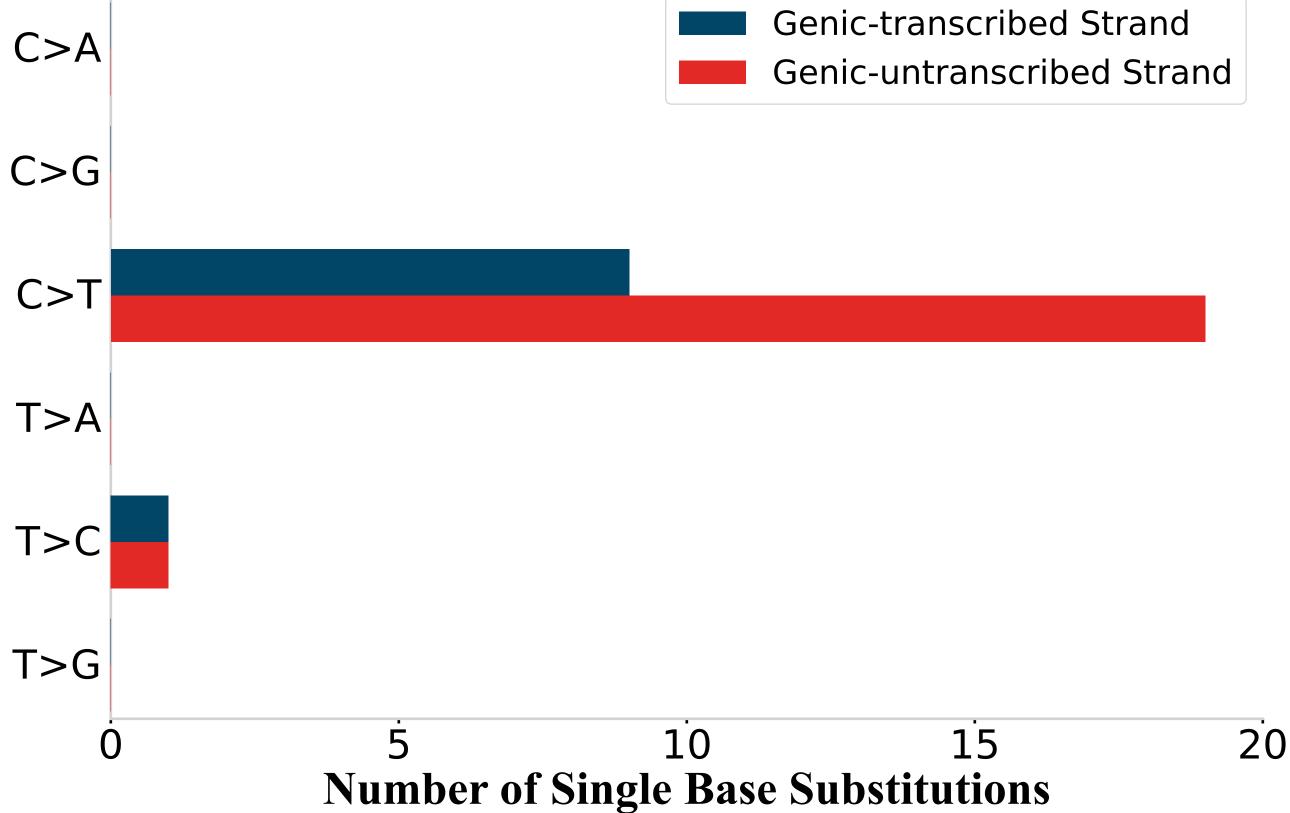
P-0042912-T01-IM6: 3 transcribed subs



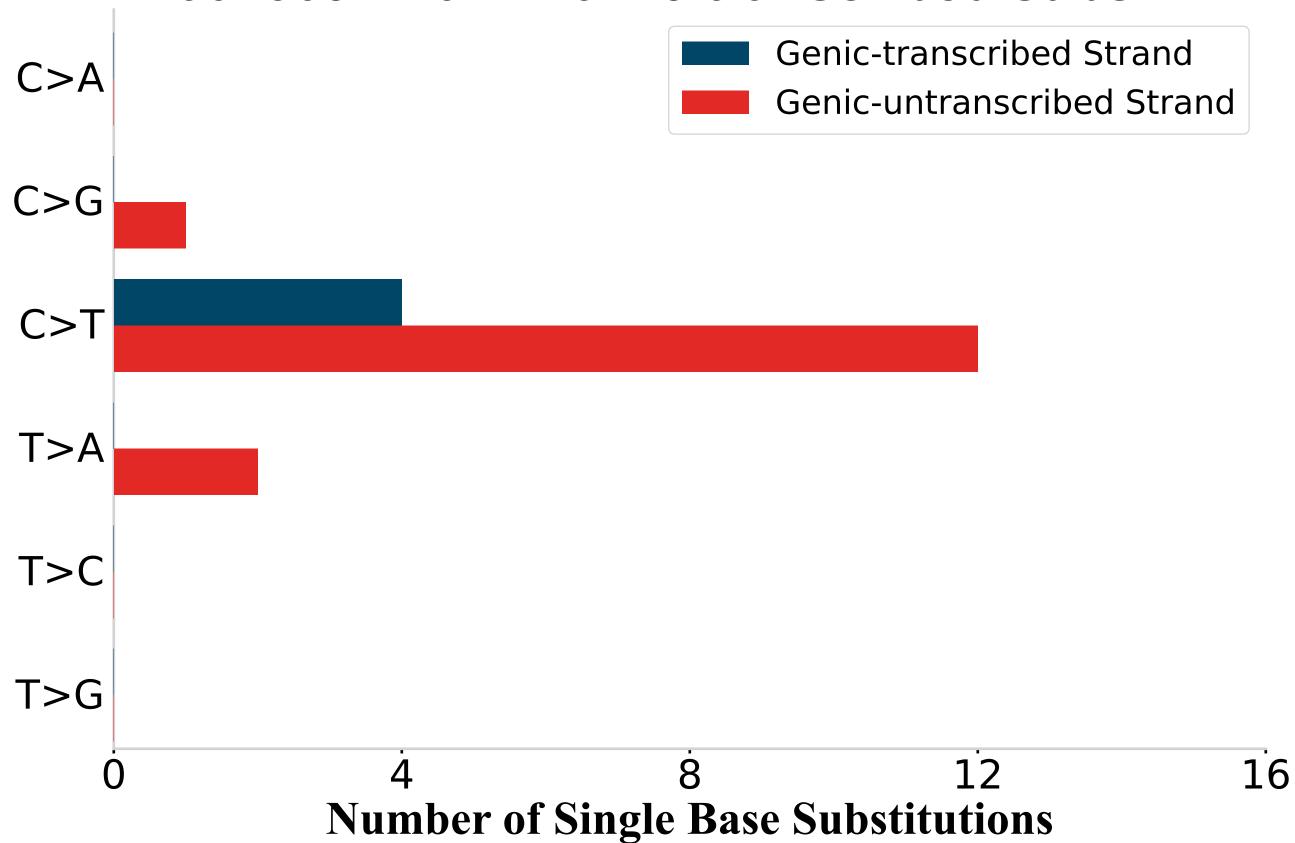
P-0042993-T01-IM6: 19 transcribed subs



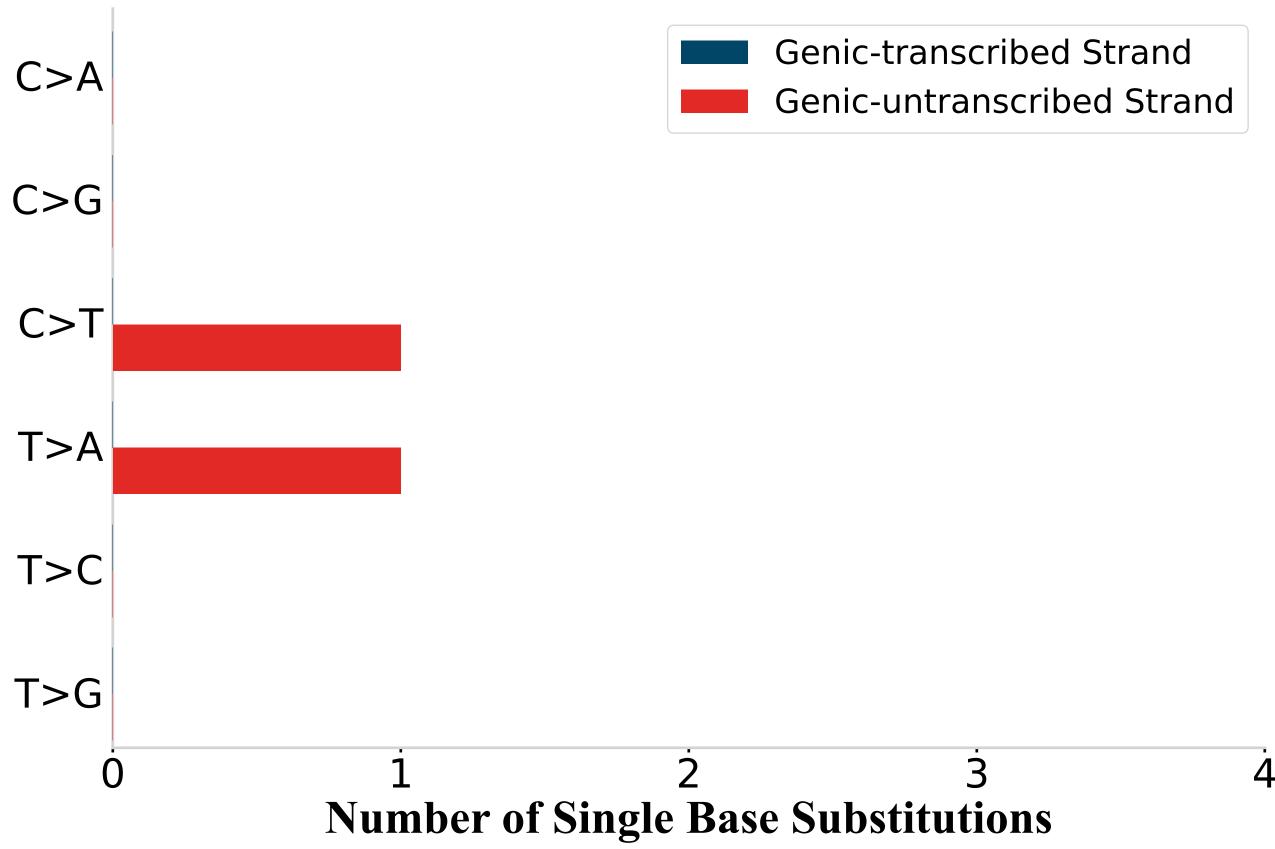
P-0043072-T01-IM6: 30 transcribed subs Genic-transcribed Stranscribed Stranscribed



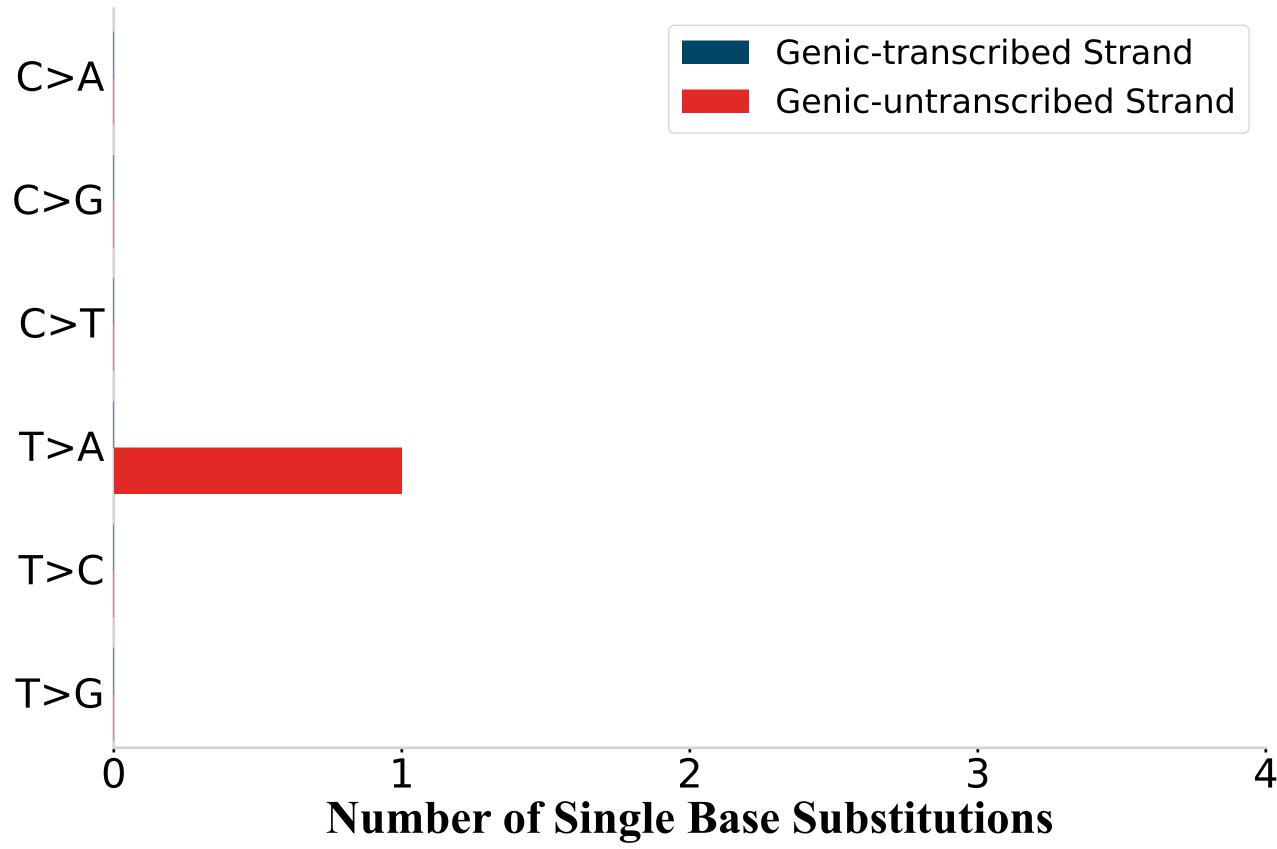
P-0043094-T02-IM6: 19 transcribed subs



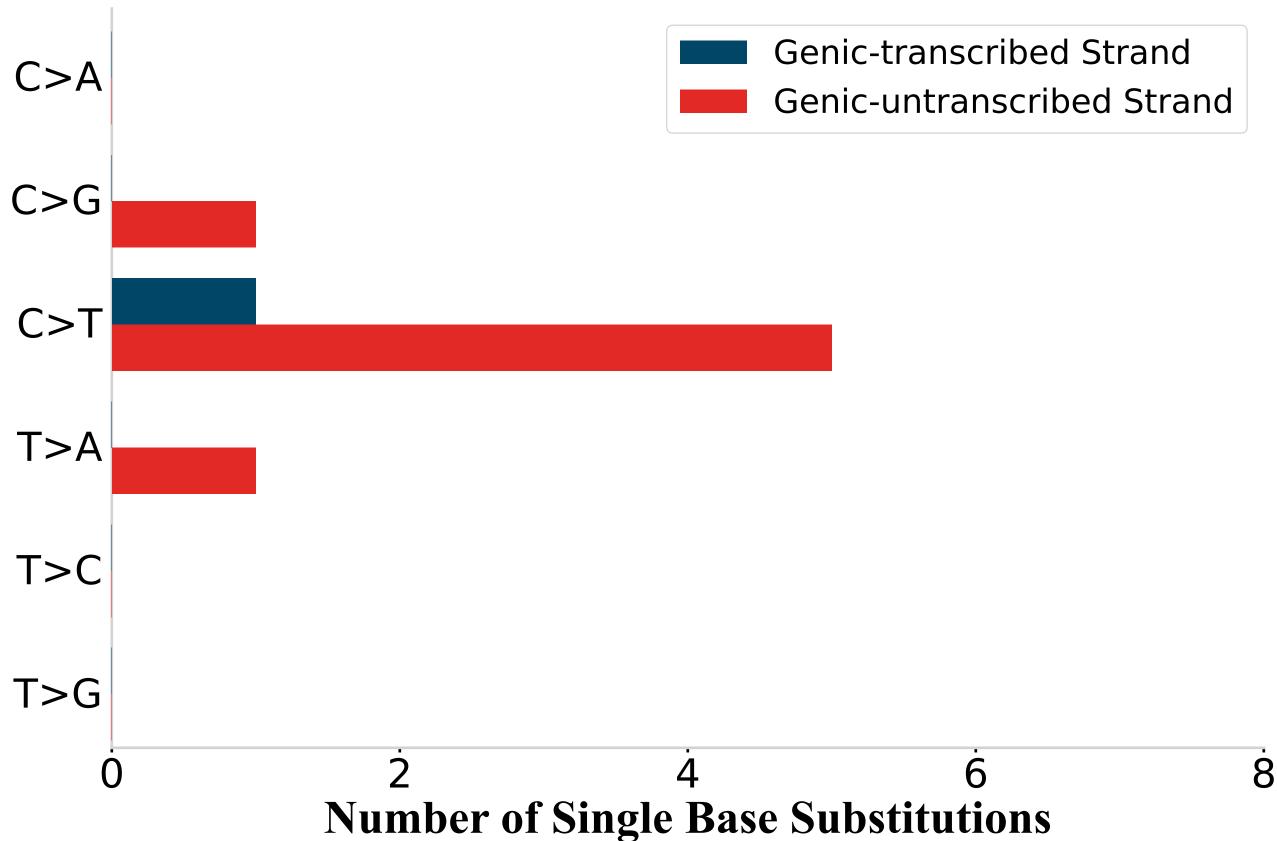
P-0043339-T01-IM6: 2 transcribed subs



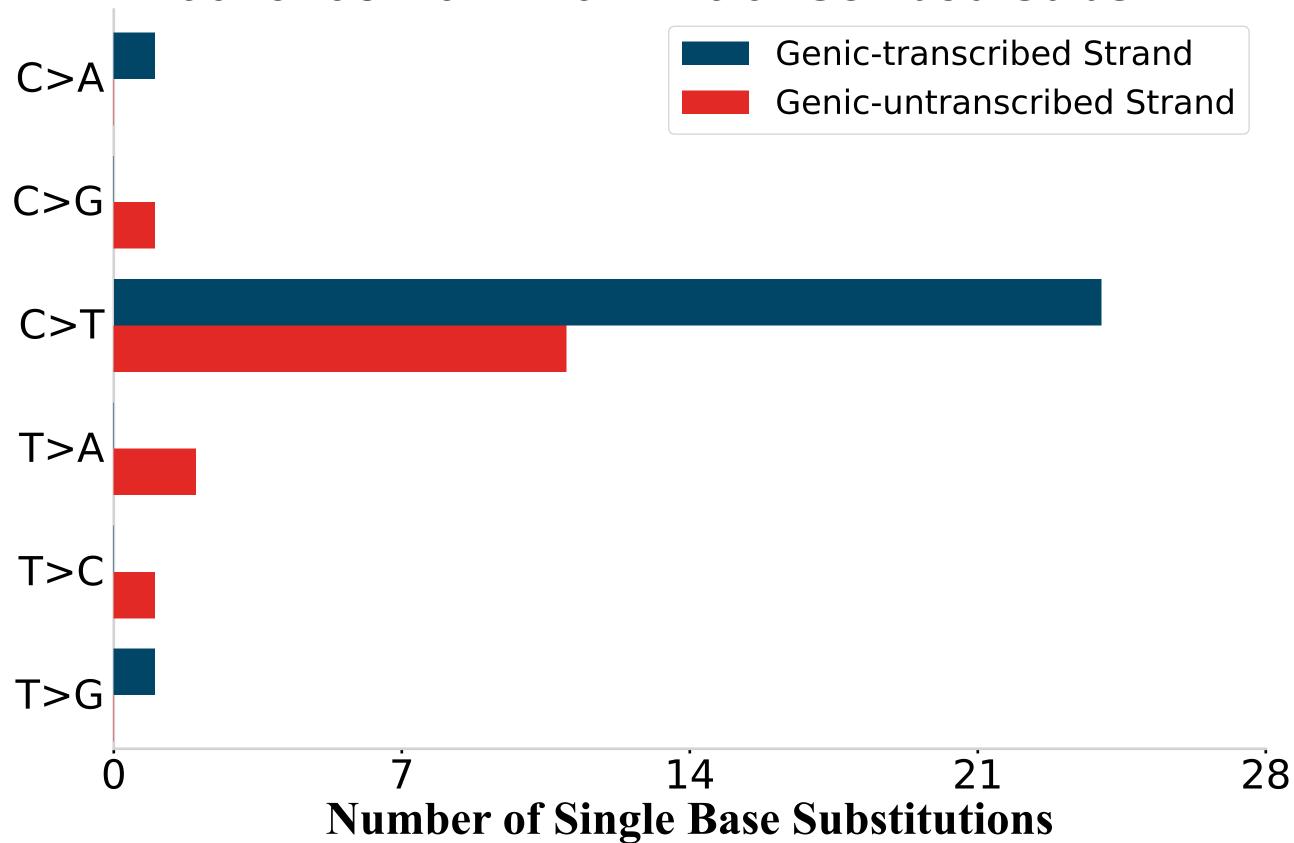
P-0043362-T01-IM6: 1 transcribed subs



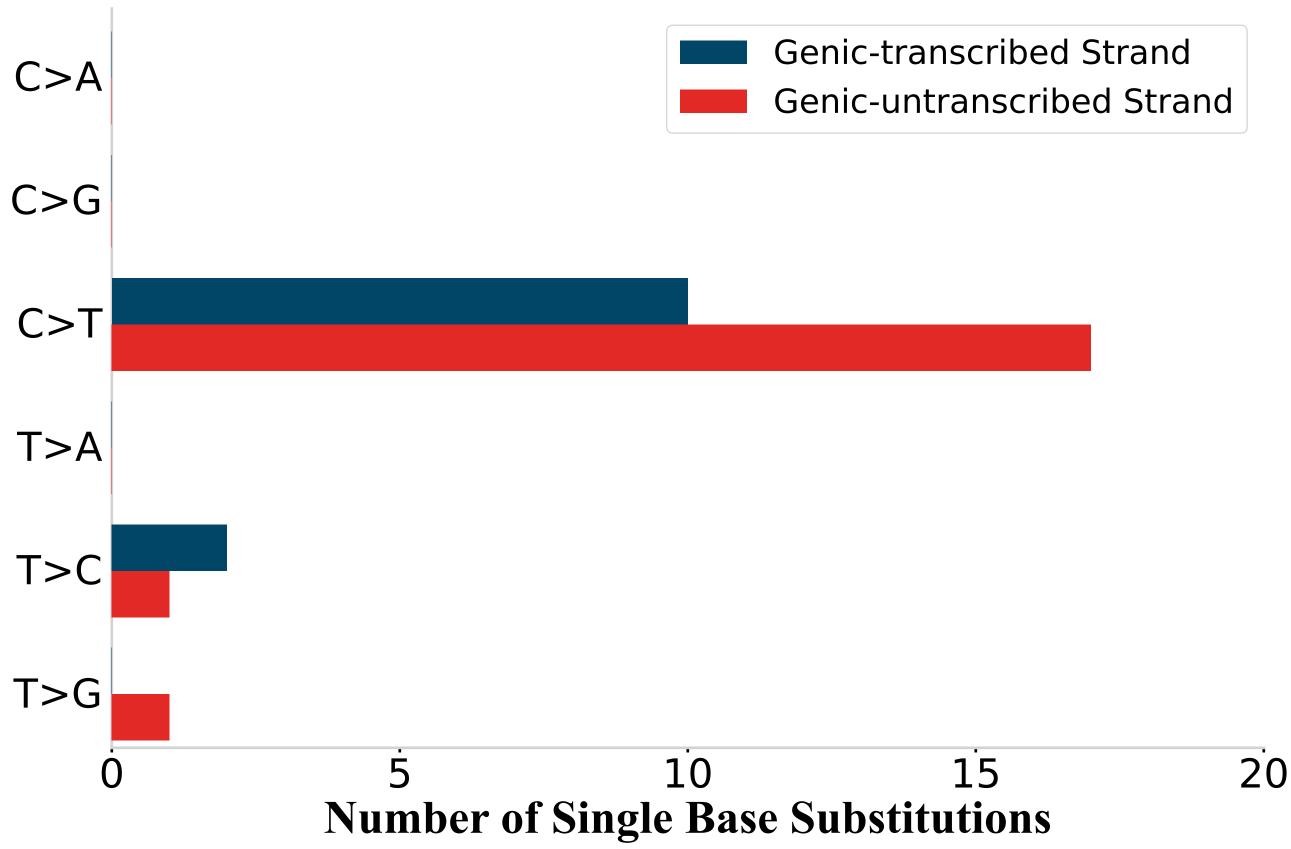
P-0043393-T01-IM6: 8 transcribed subs



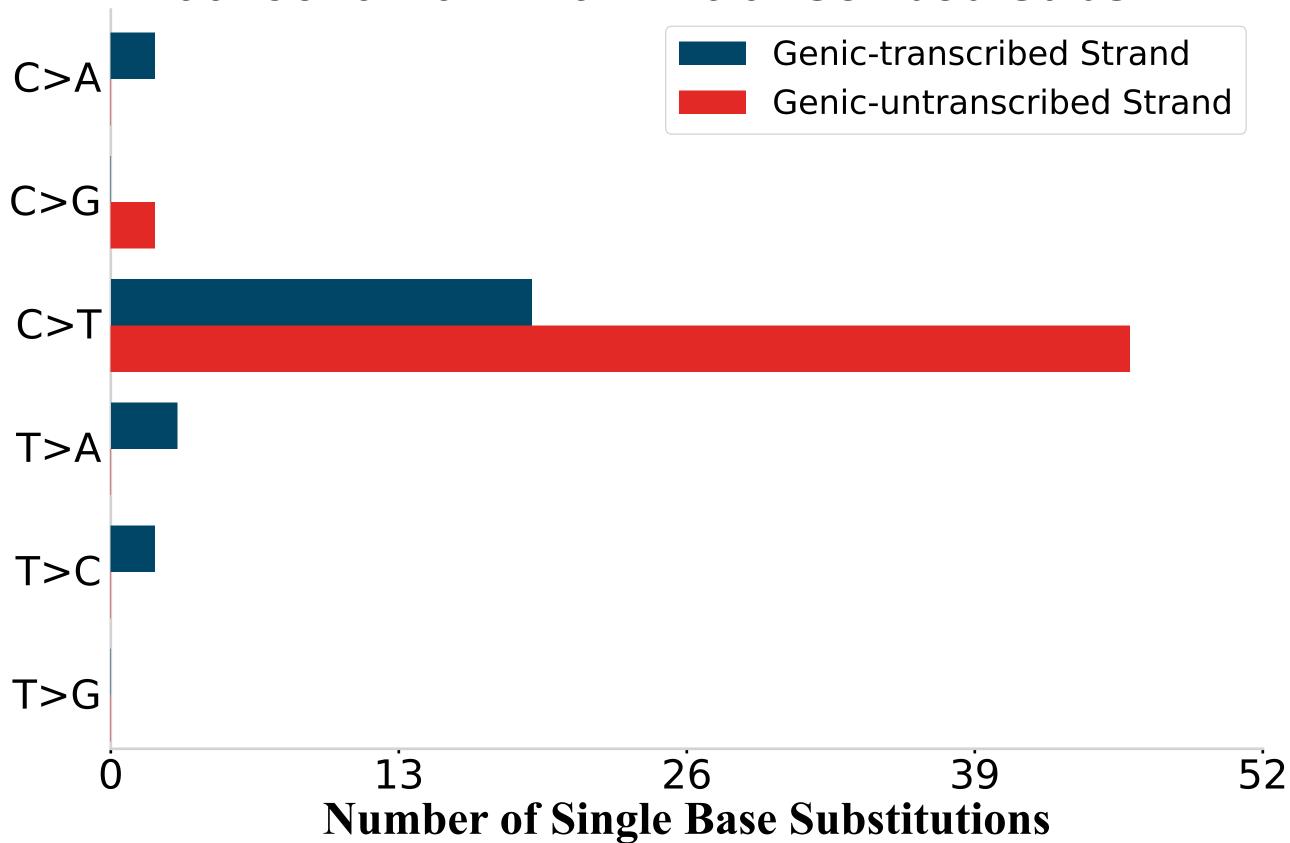
P-0043408-T01-IM6: 41 transcribed subs



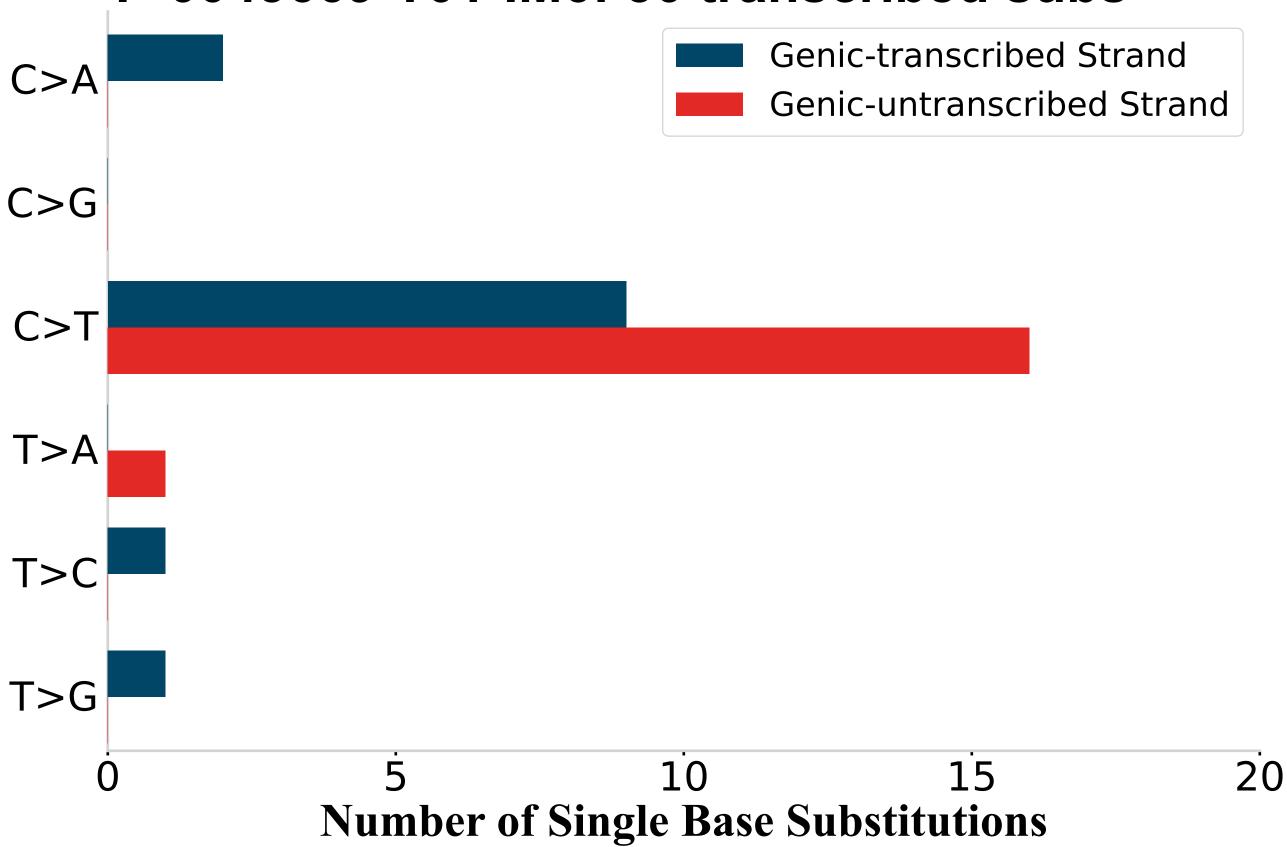
P-0043411-T01-IM6: 31 transcribed subs



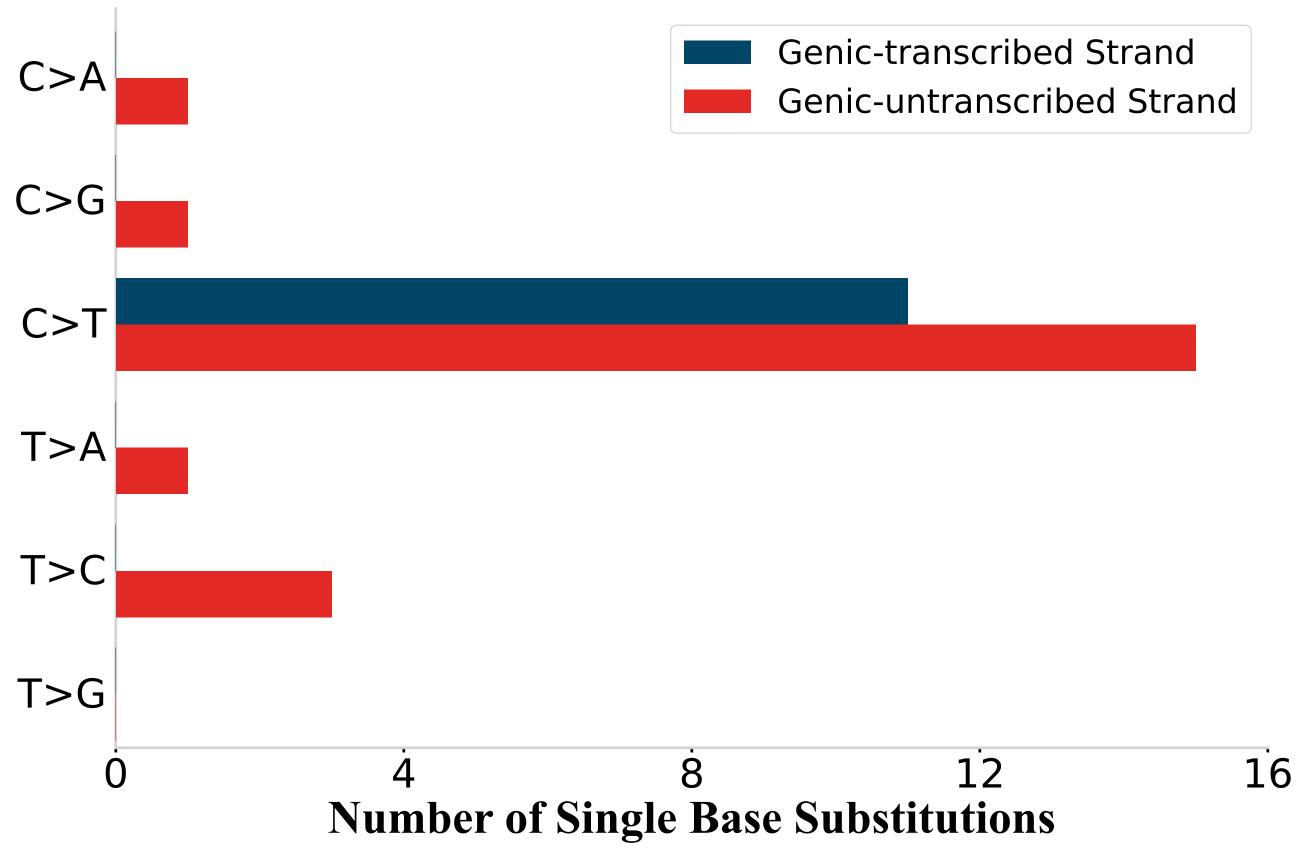
P-0043570-T01-IM6: 74 transcribed subs



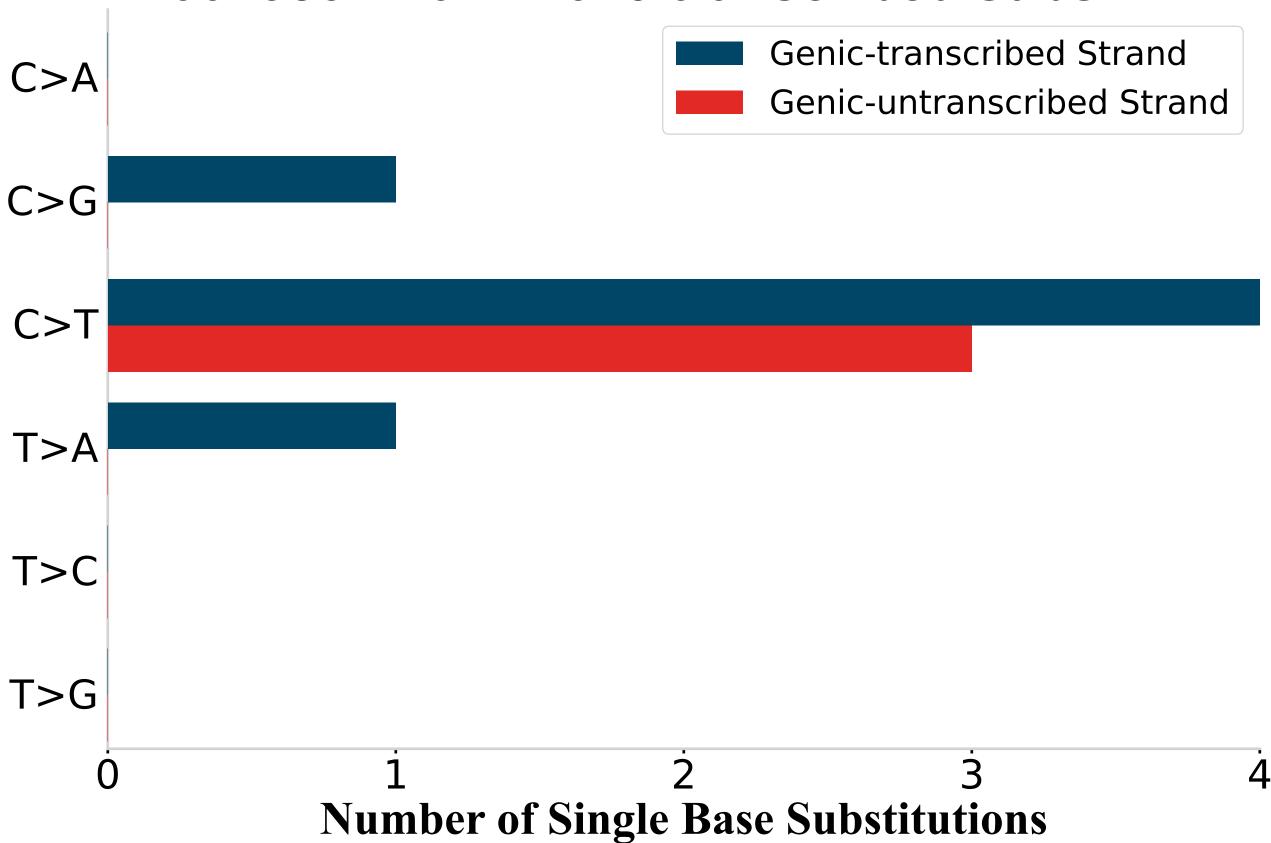
P-0043669-T01-IM6: 30 transcribed subs



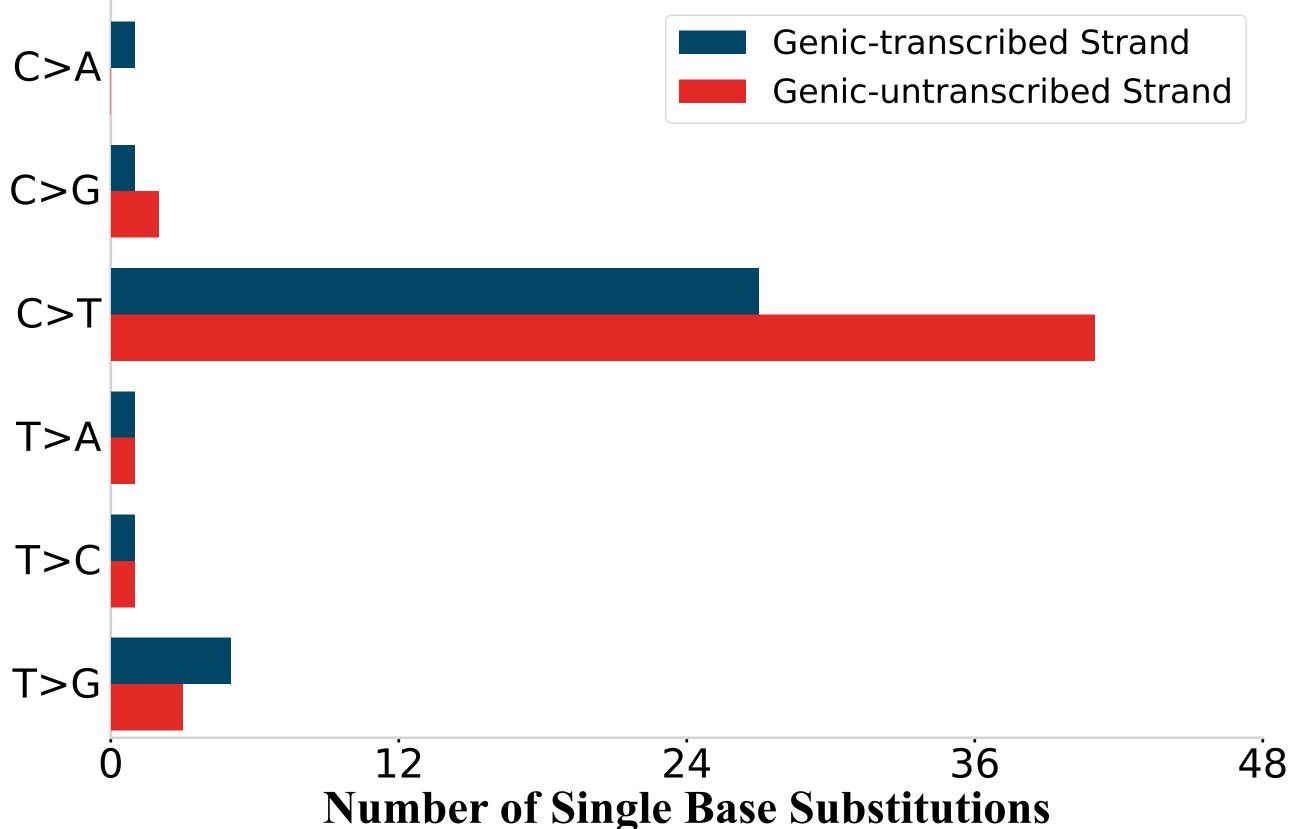
P-0043691-T01-IM6: 32 transcribed subs



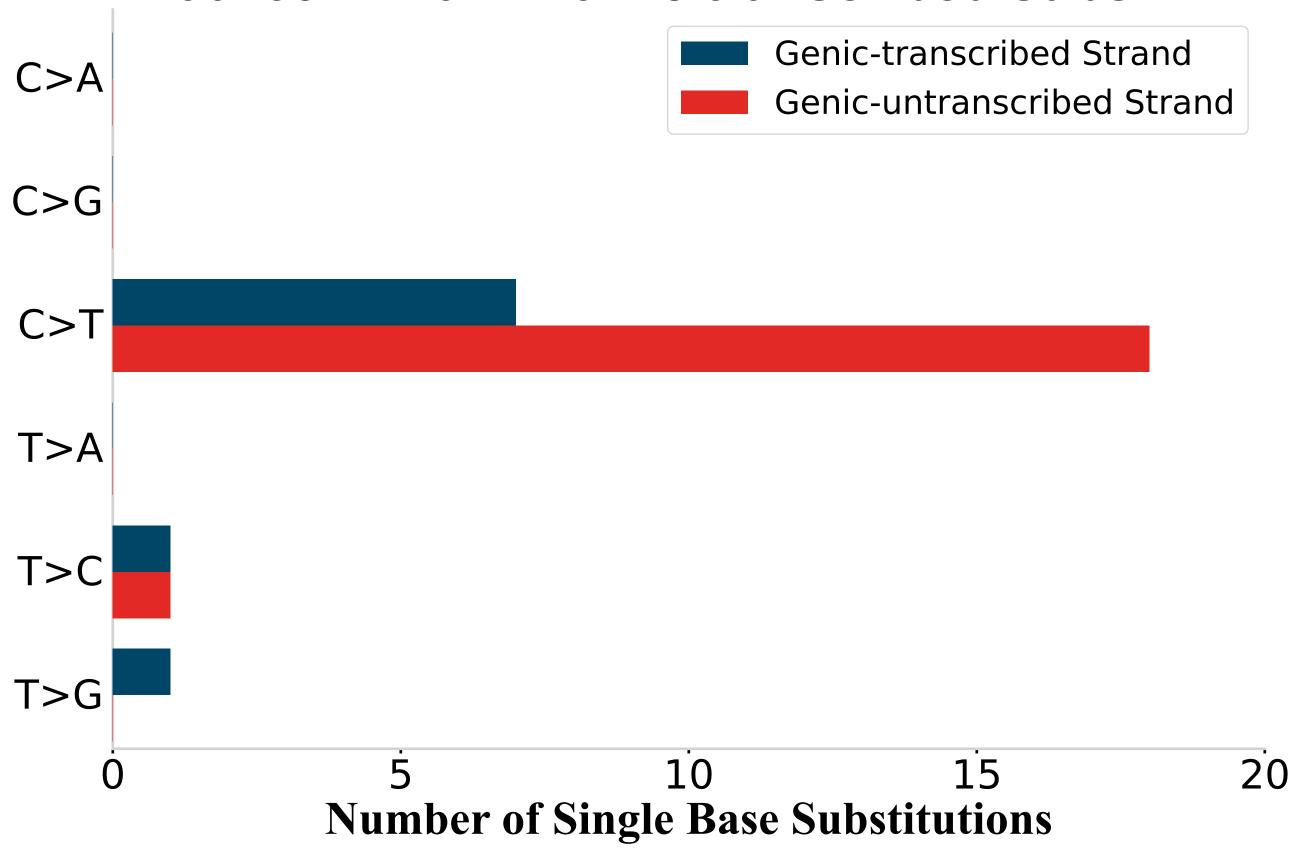
P-0043852-T01-IM6: 9 transcribed subs



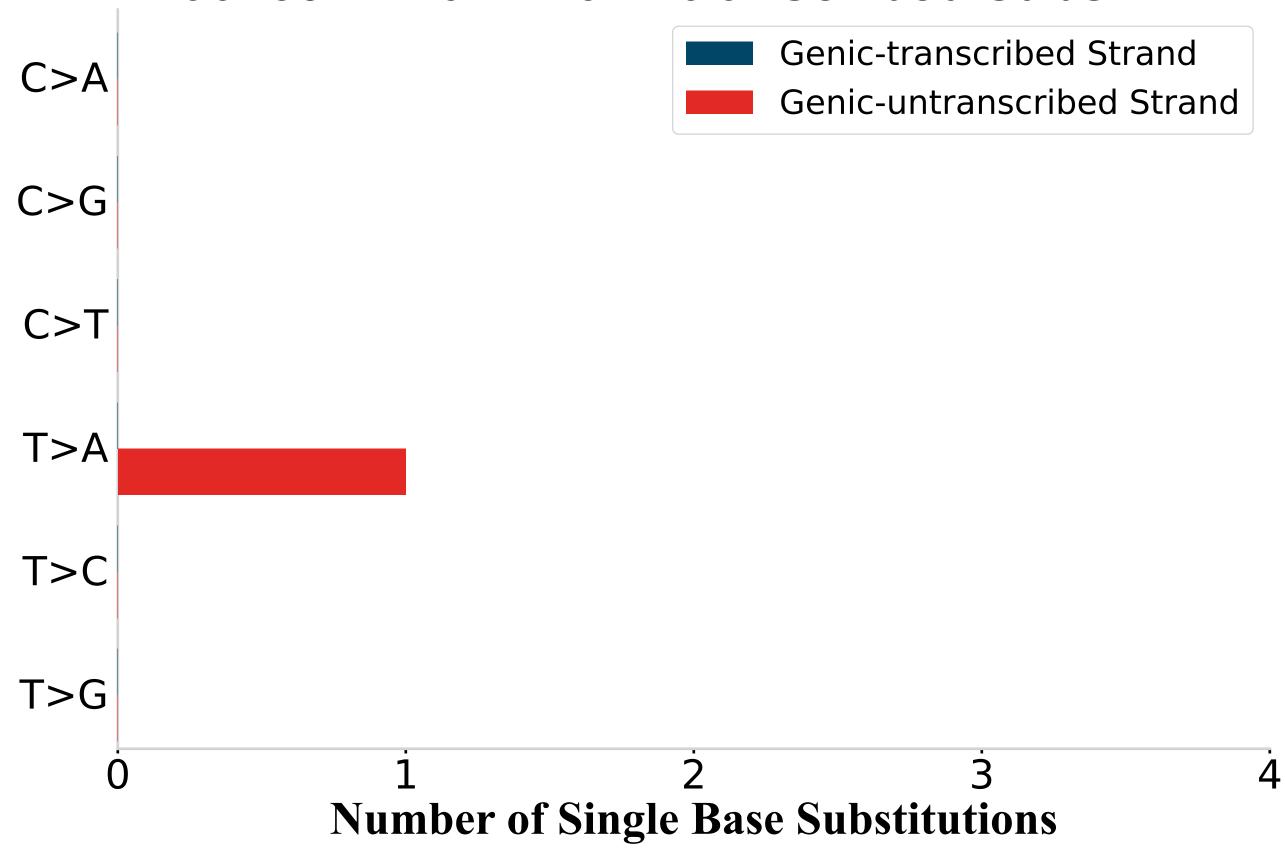
P-0043916-T01-IM6: 84 transcribed subs Genic-transcribed Stranscribed



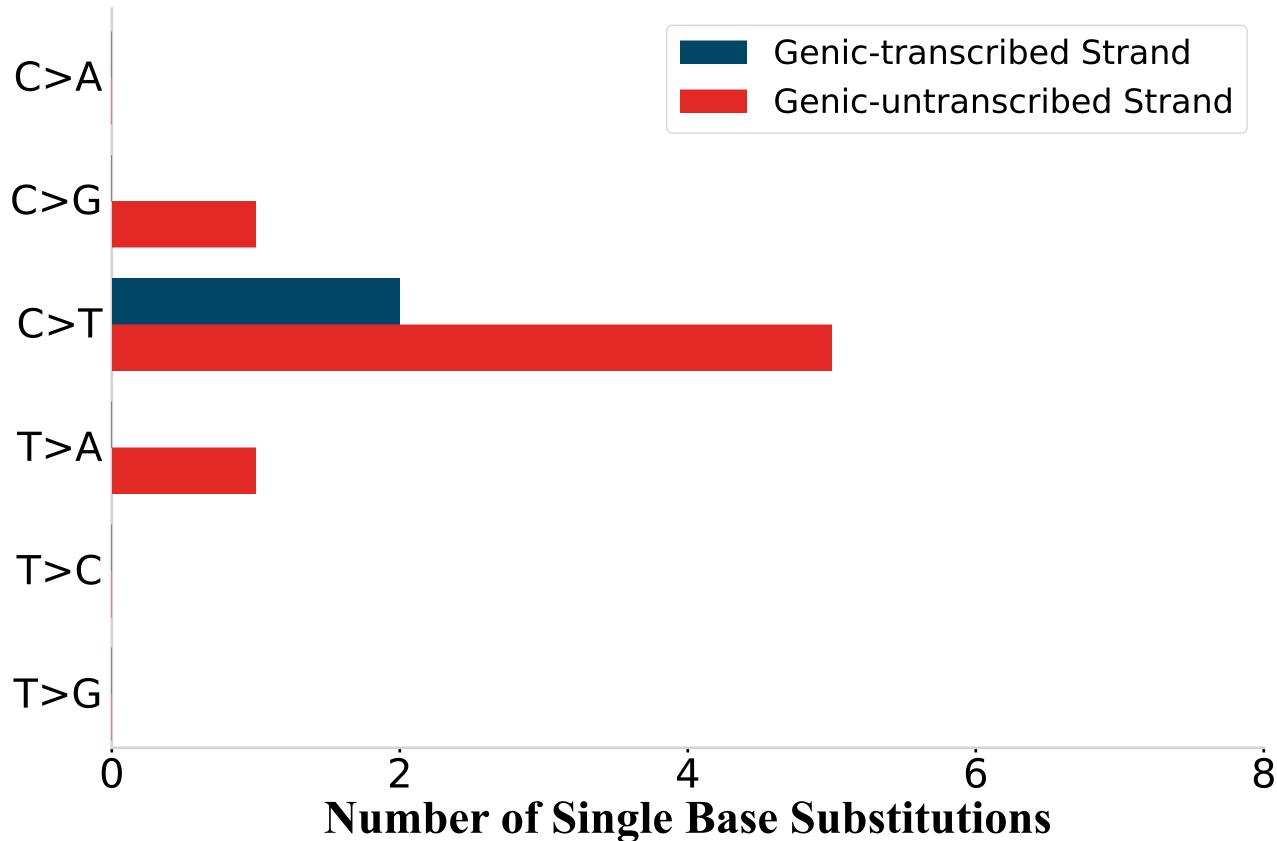
P-0043917-T01-IM6: 28 transcribed subs



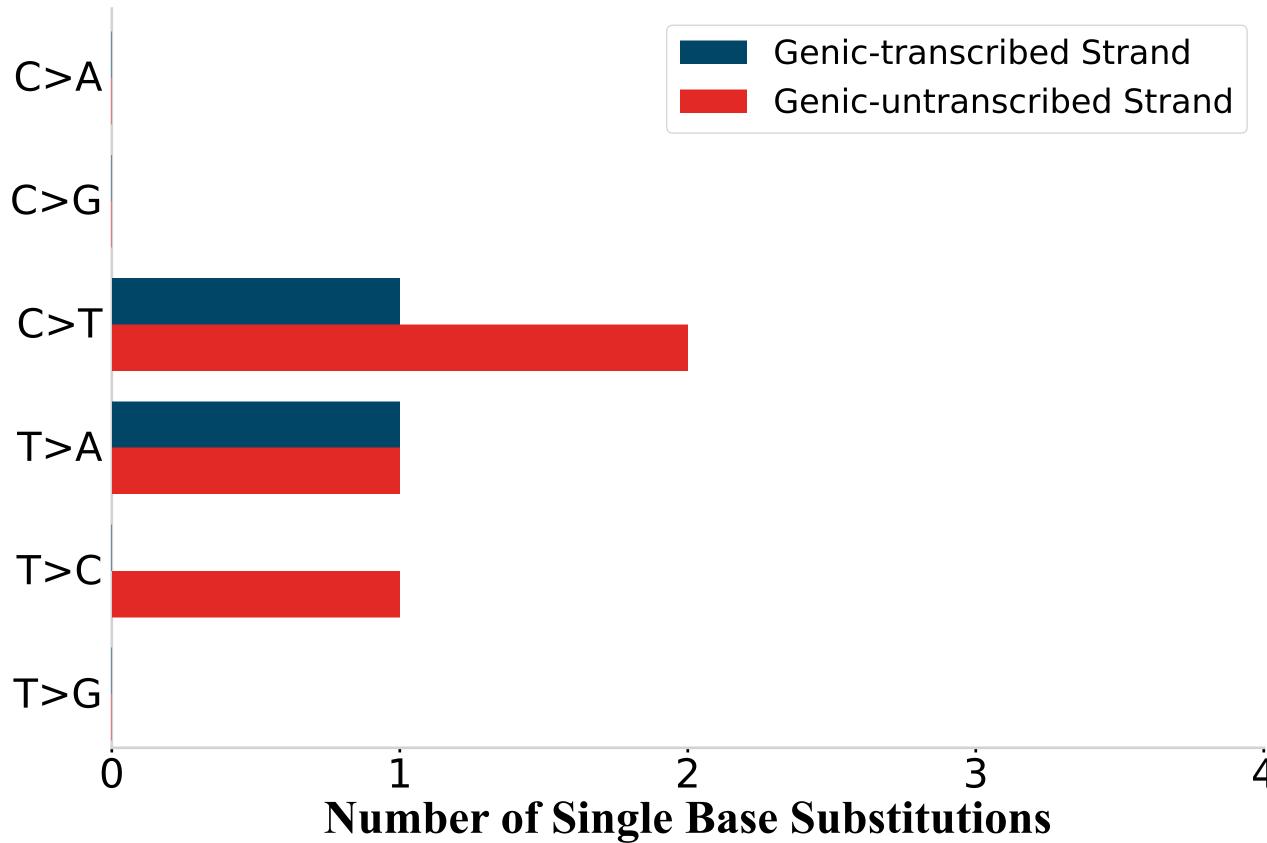
P-0043927-T01-IM6: 1 transcribed subs



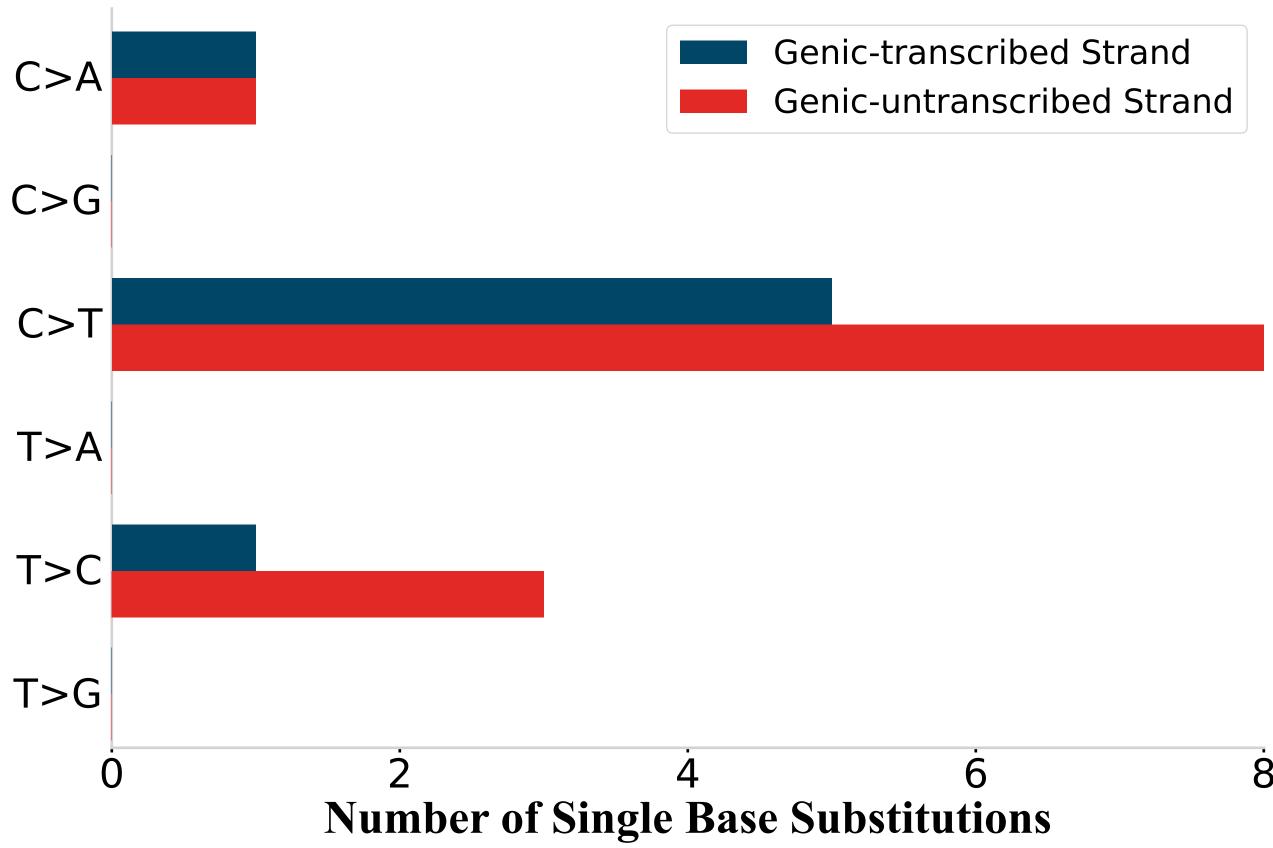
P-0044148-T01-IM6: 9 transcribed subs



P-0044211-T01-IM6: 6 transcribed subs



P-0044212-T01-IM6: 19 transcribed subs

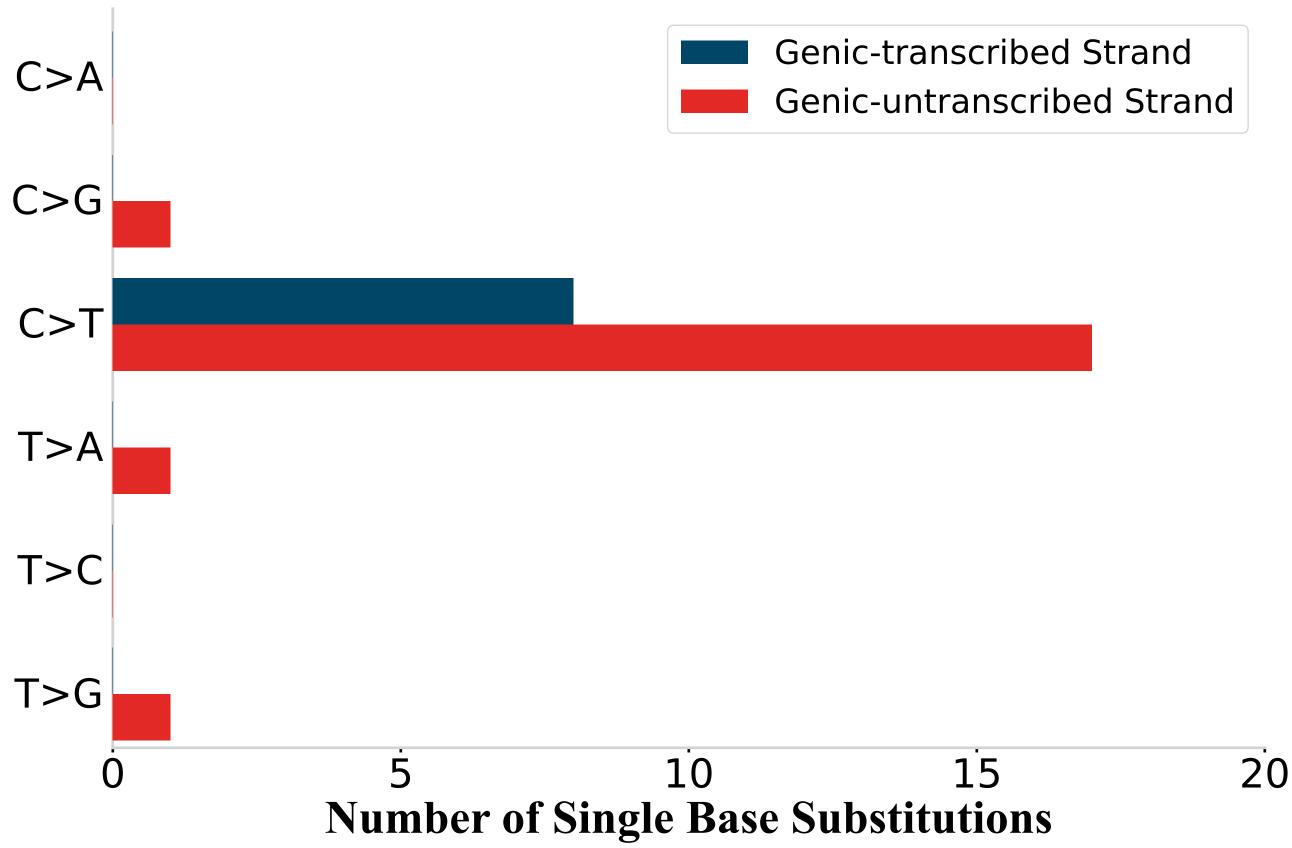


P-0044448-T01-IM6: 0 transcribed subs

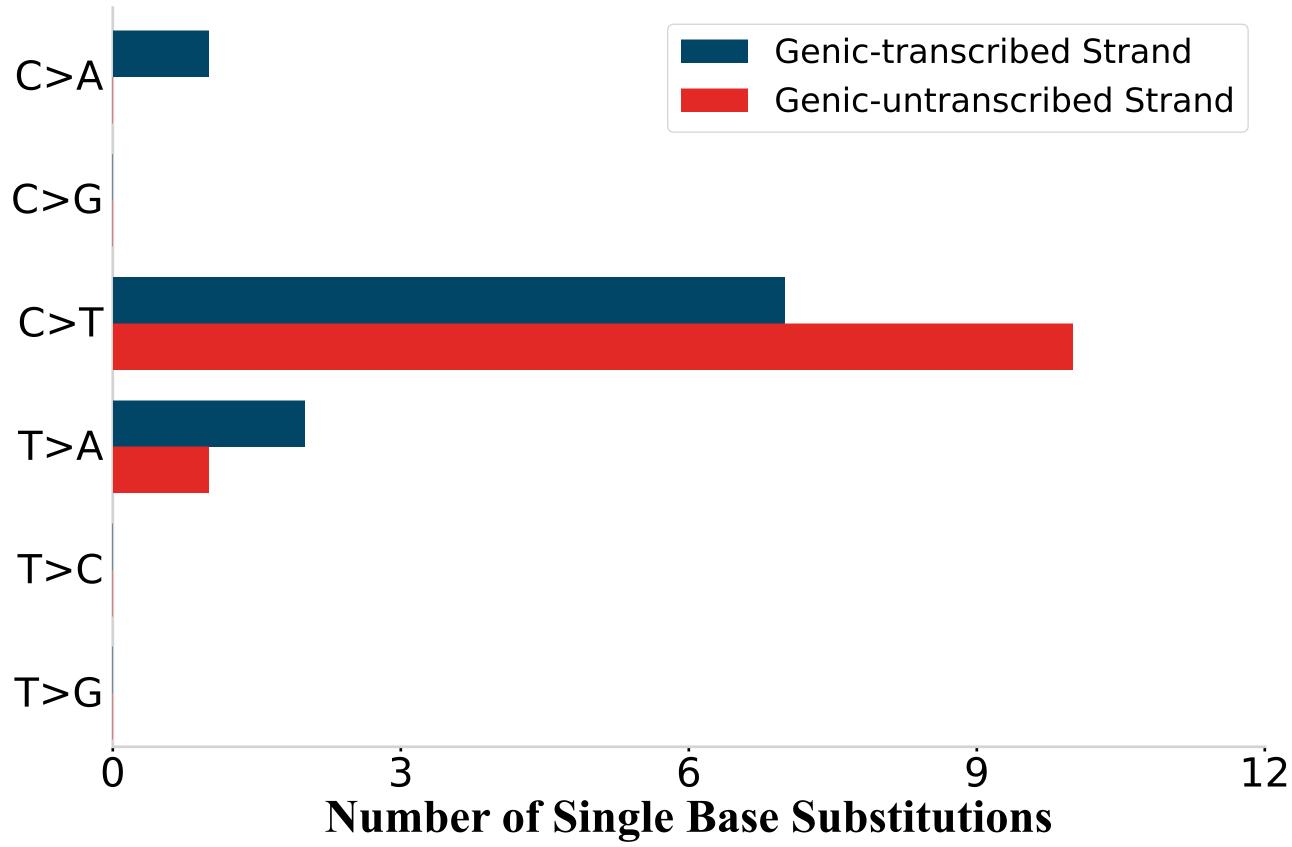


Number of Single Base Substitutions

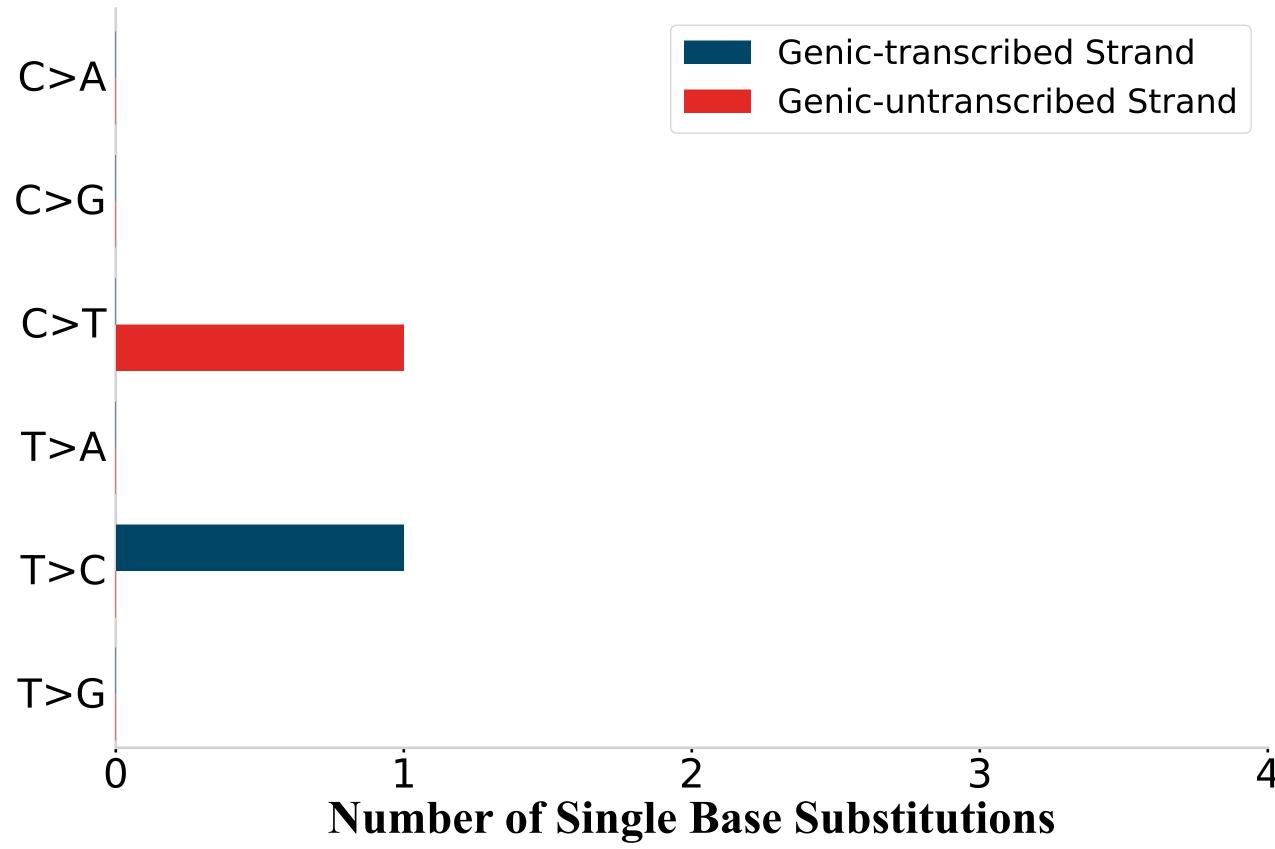
P-0044475-T01-IM6: 28 transcribed subs



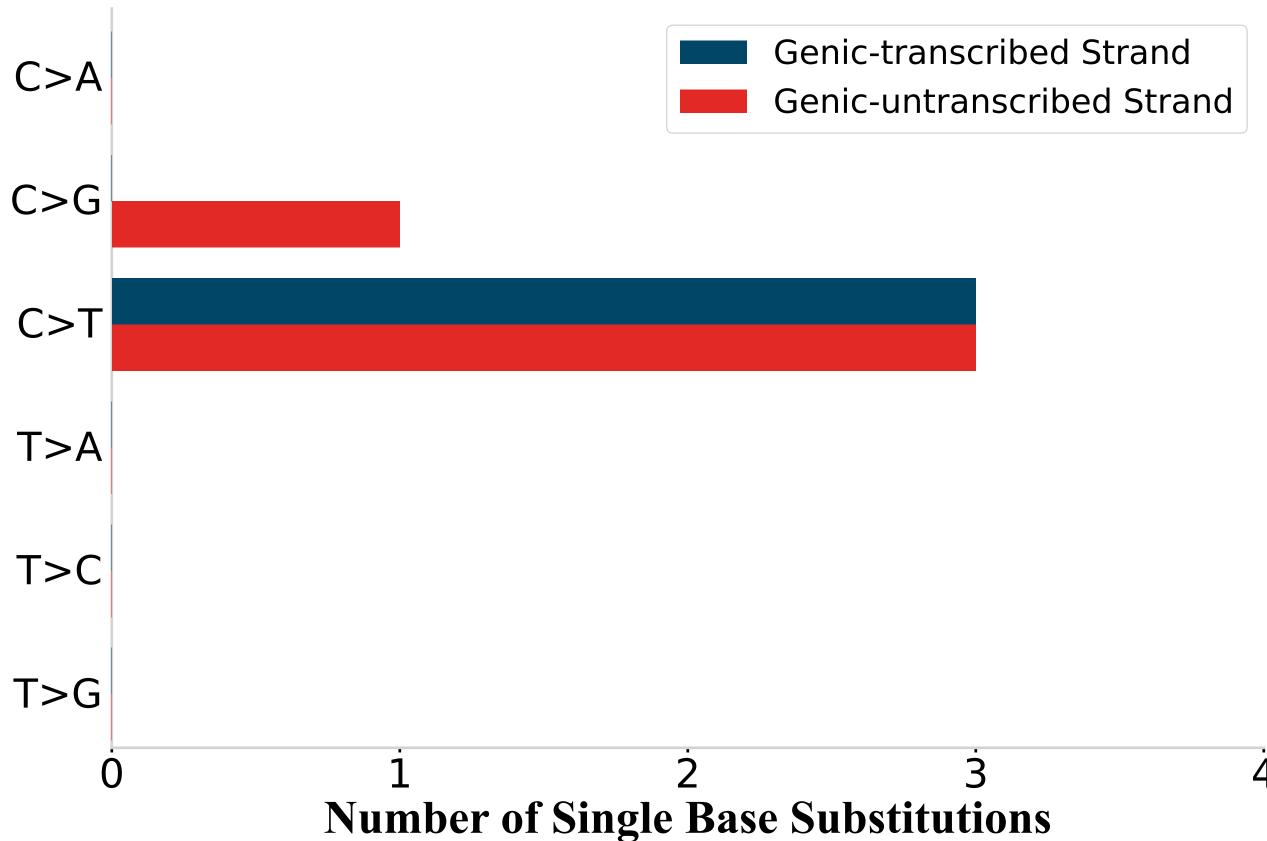
P-0044756-T01-IM6: 21 transcribed subs



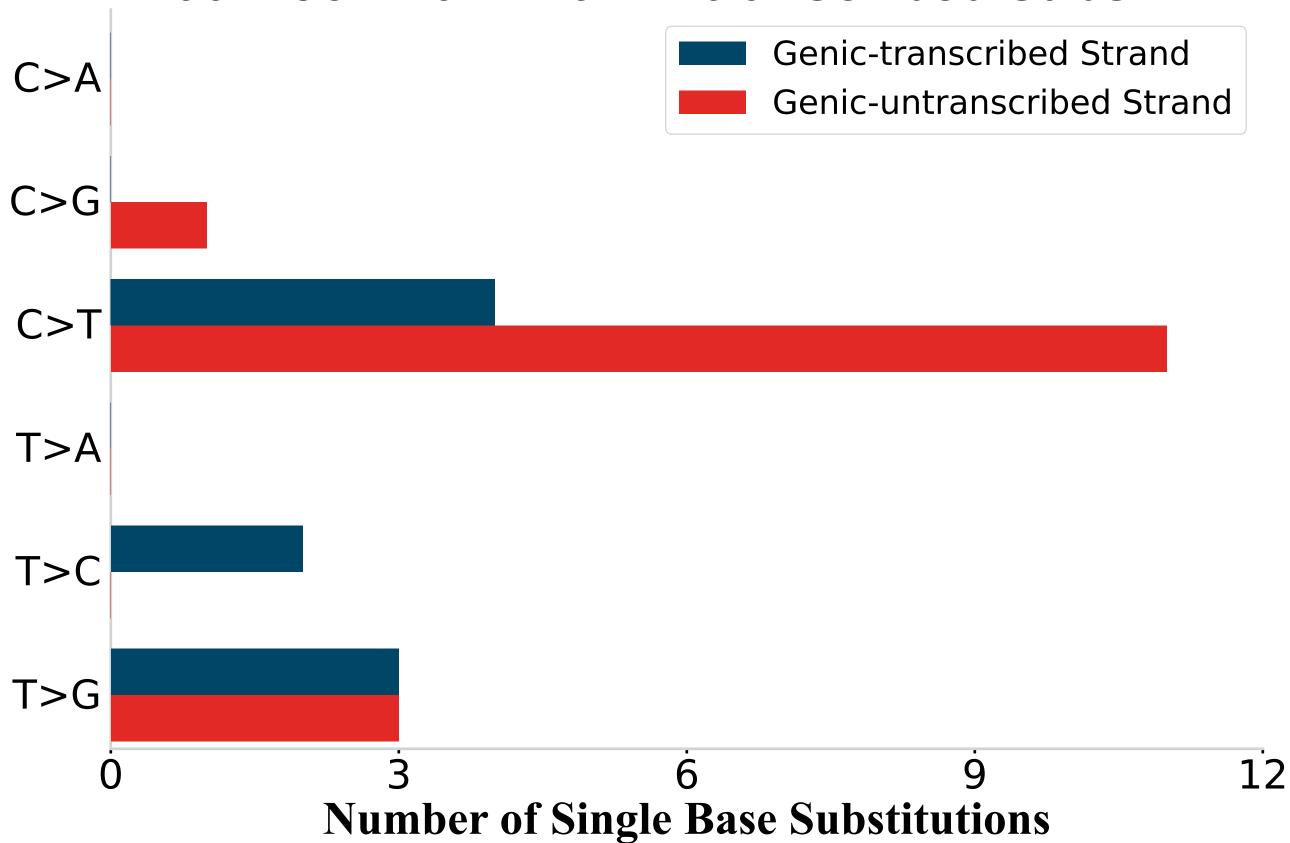
P-0044900-T01-IM6: 2 transcribed subs



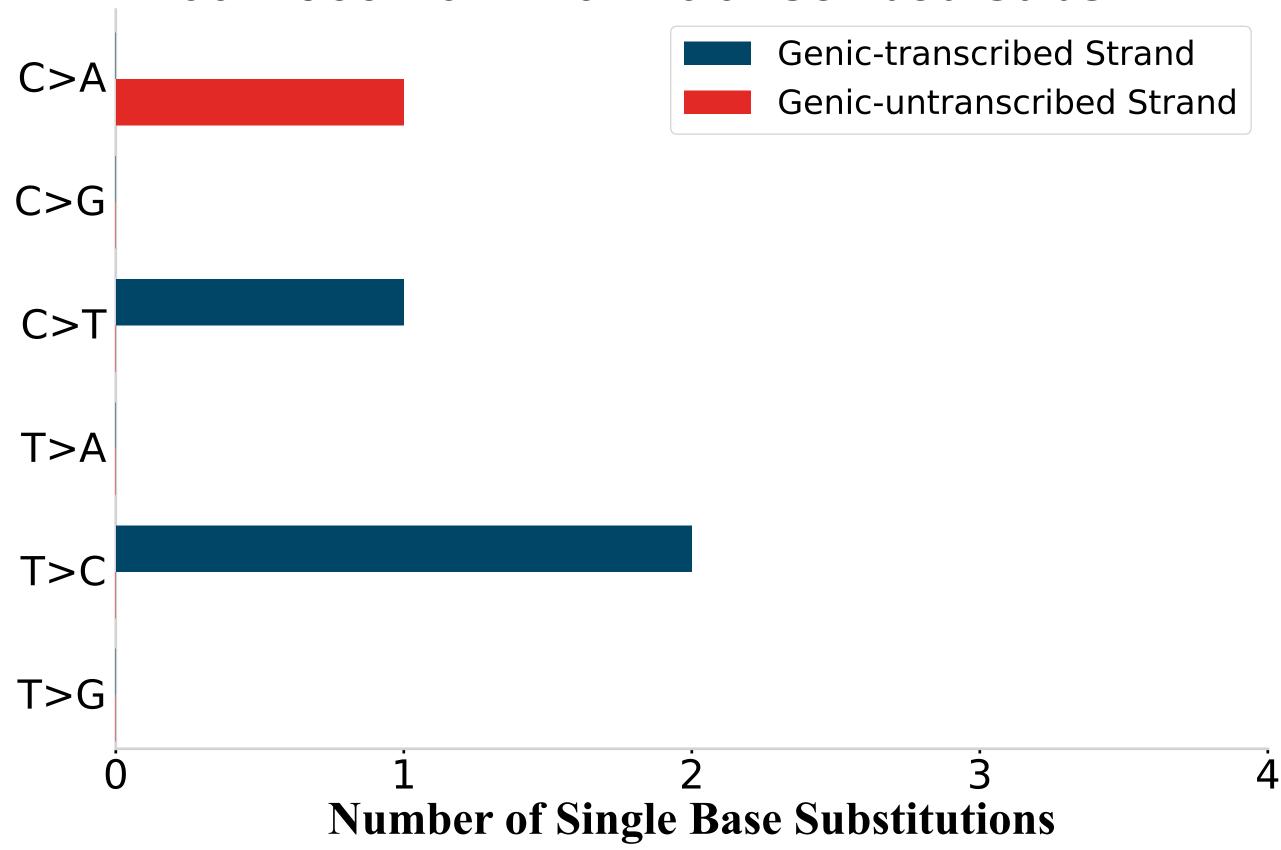
P-0044908-T01-IM6: 7 transcribed subs



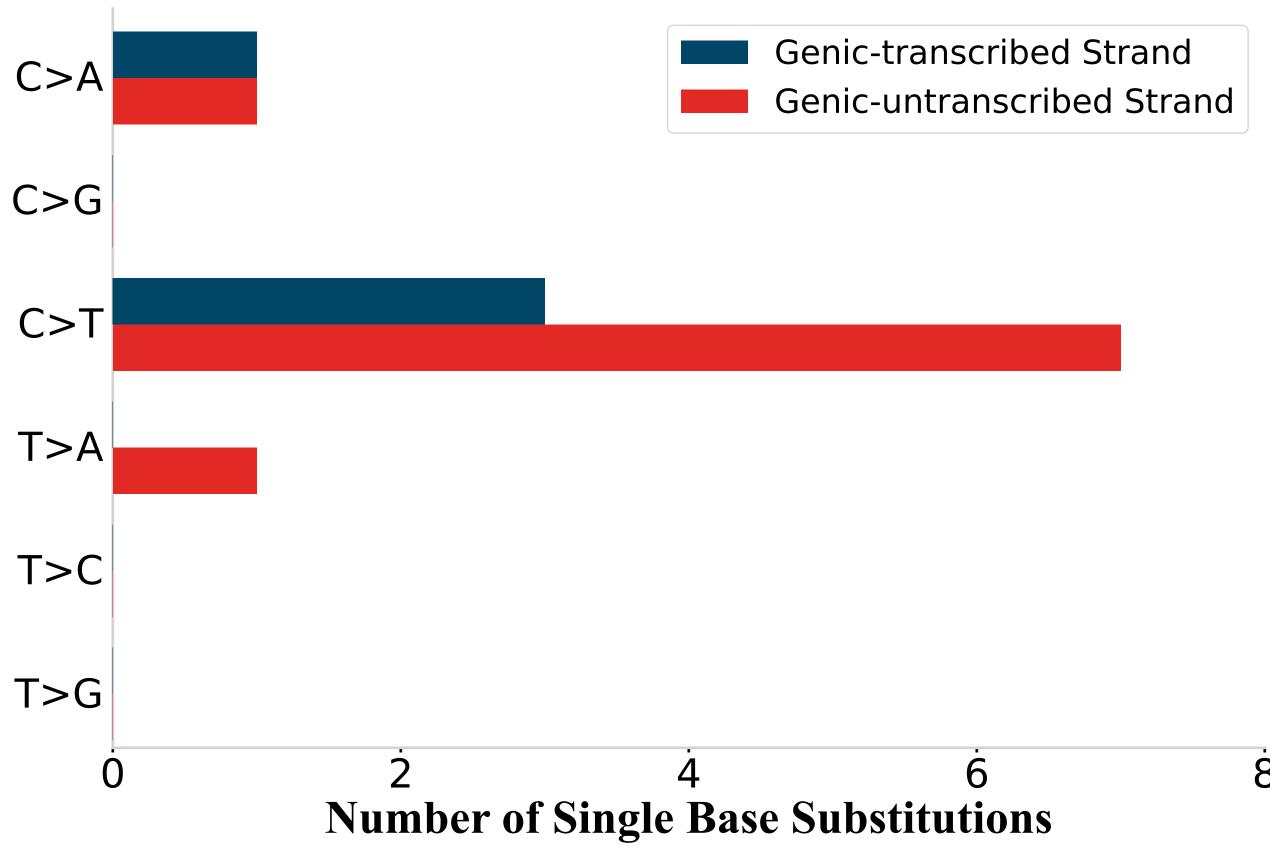
P-0044952-T01-IM6: 24 transcribed subs



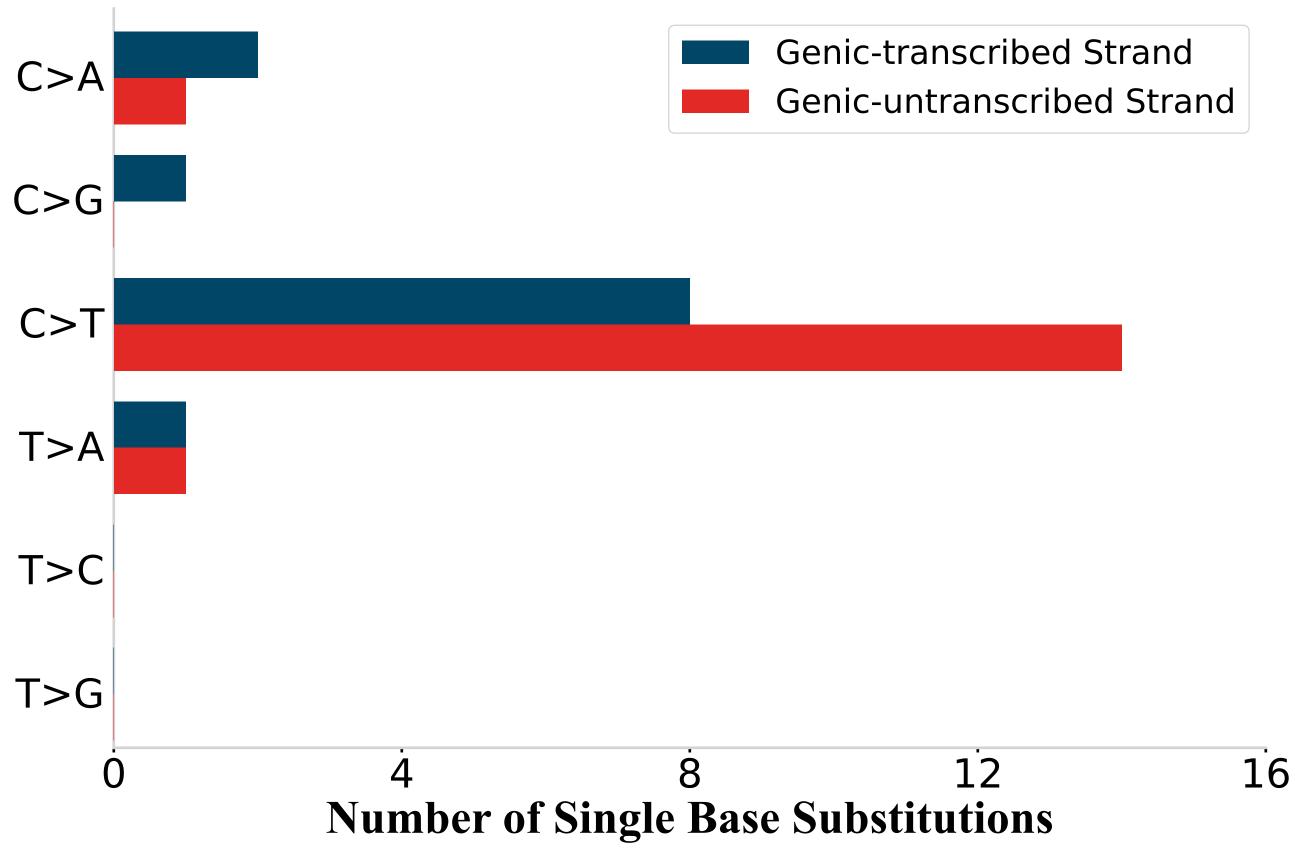
P-0044955-T01-IM6: 4 transcribed subs



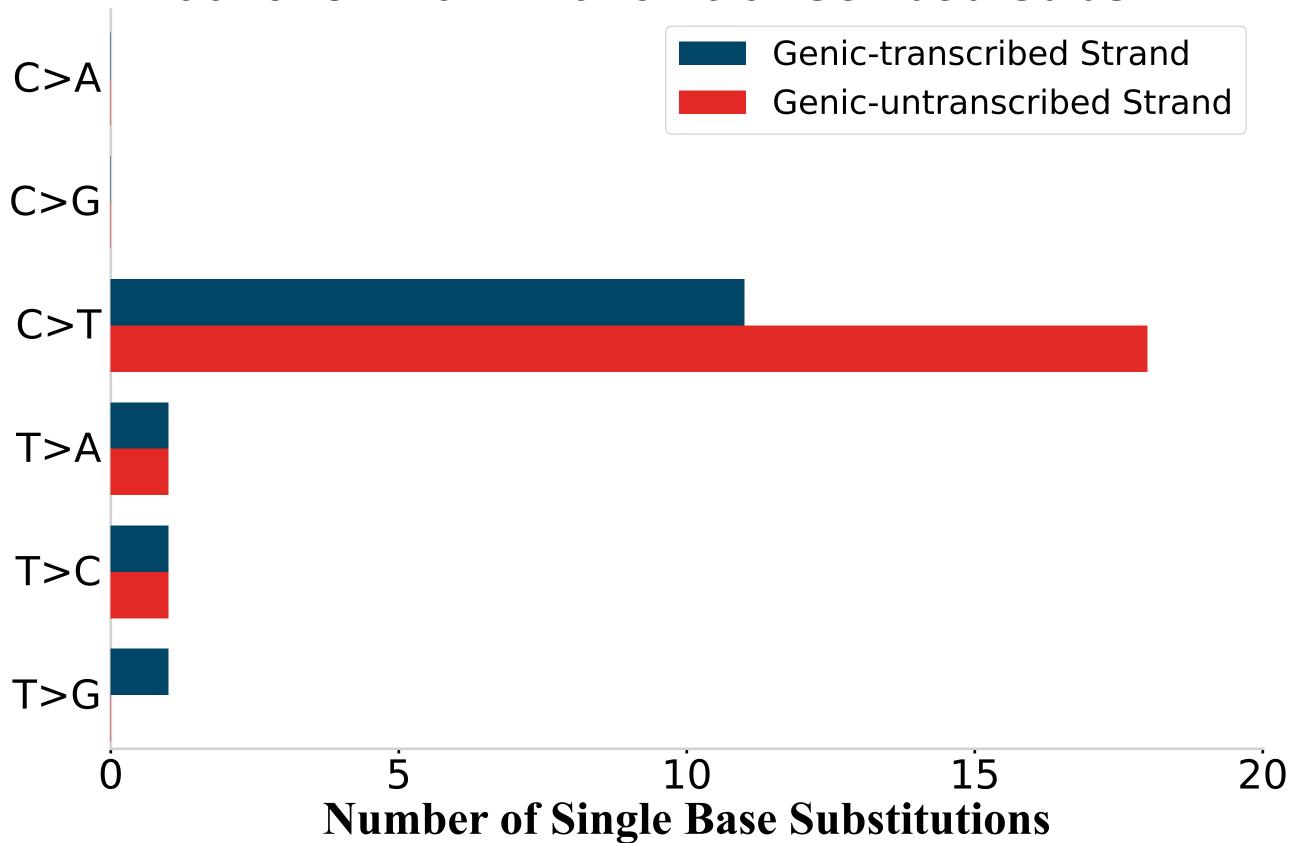
P-0045141-T01-IM6: 13 transcribed subs



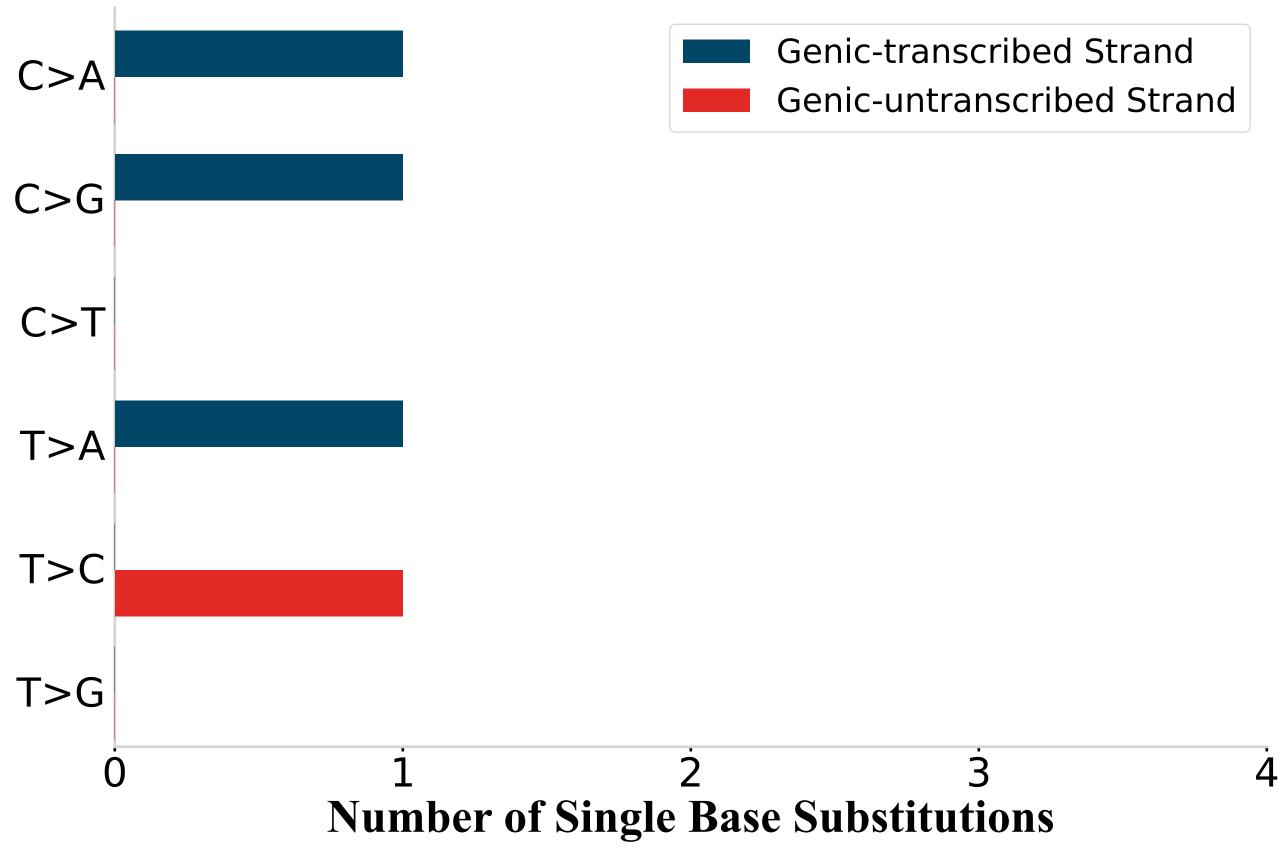
P-0045164-T01-IM6: 28 transcribed subs



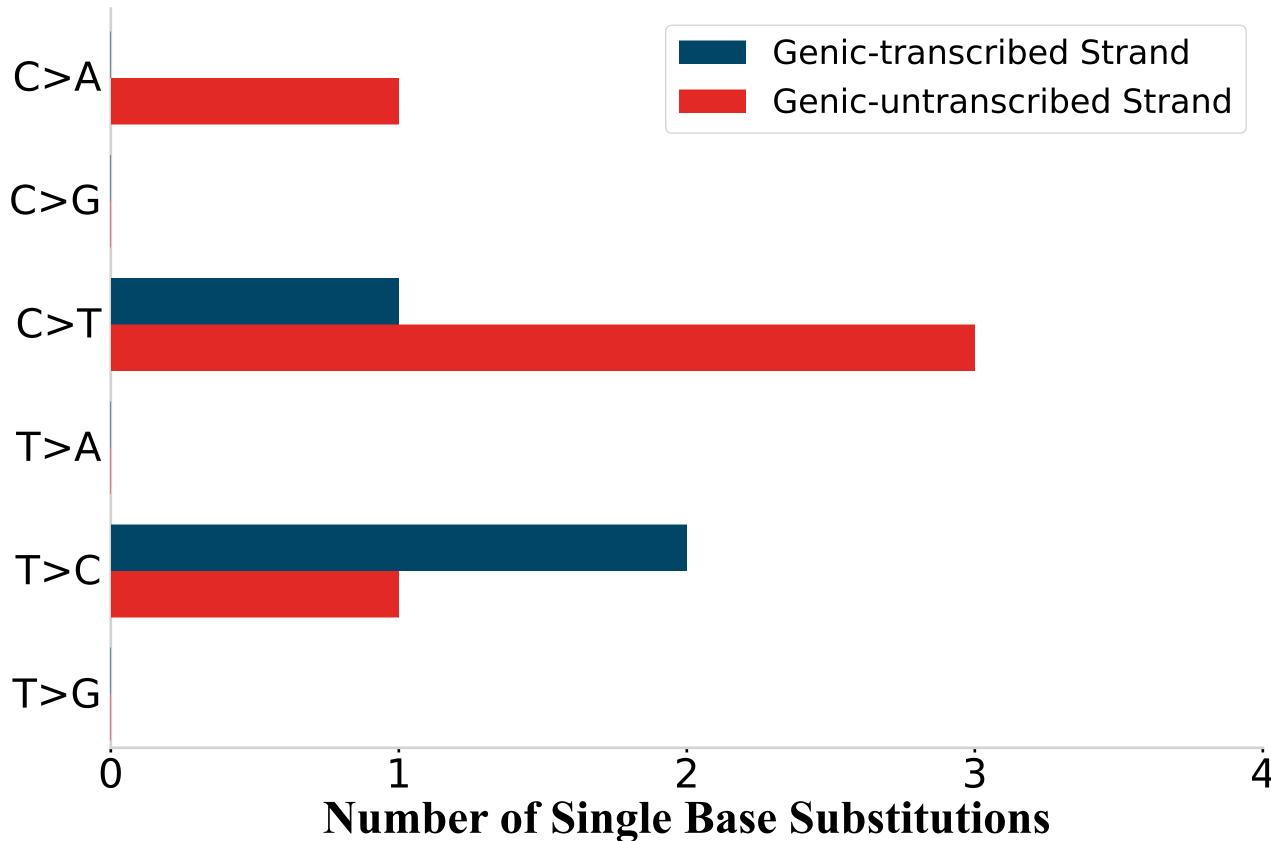
P-0045187-T01-IM6: 34 transcribed subs



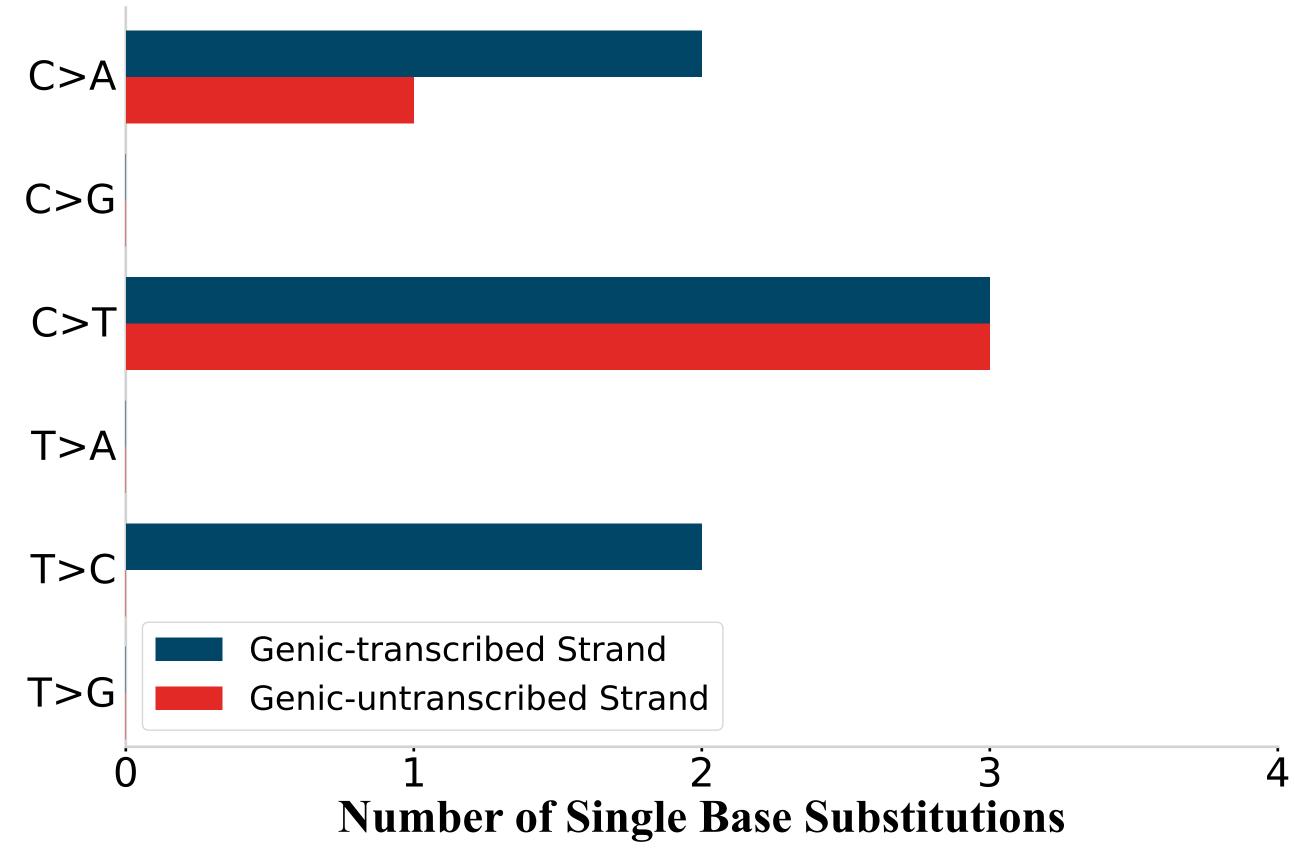
P-0045233-T01-IM6: 4 transcribed subs



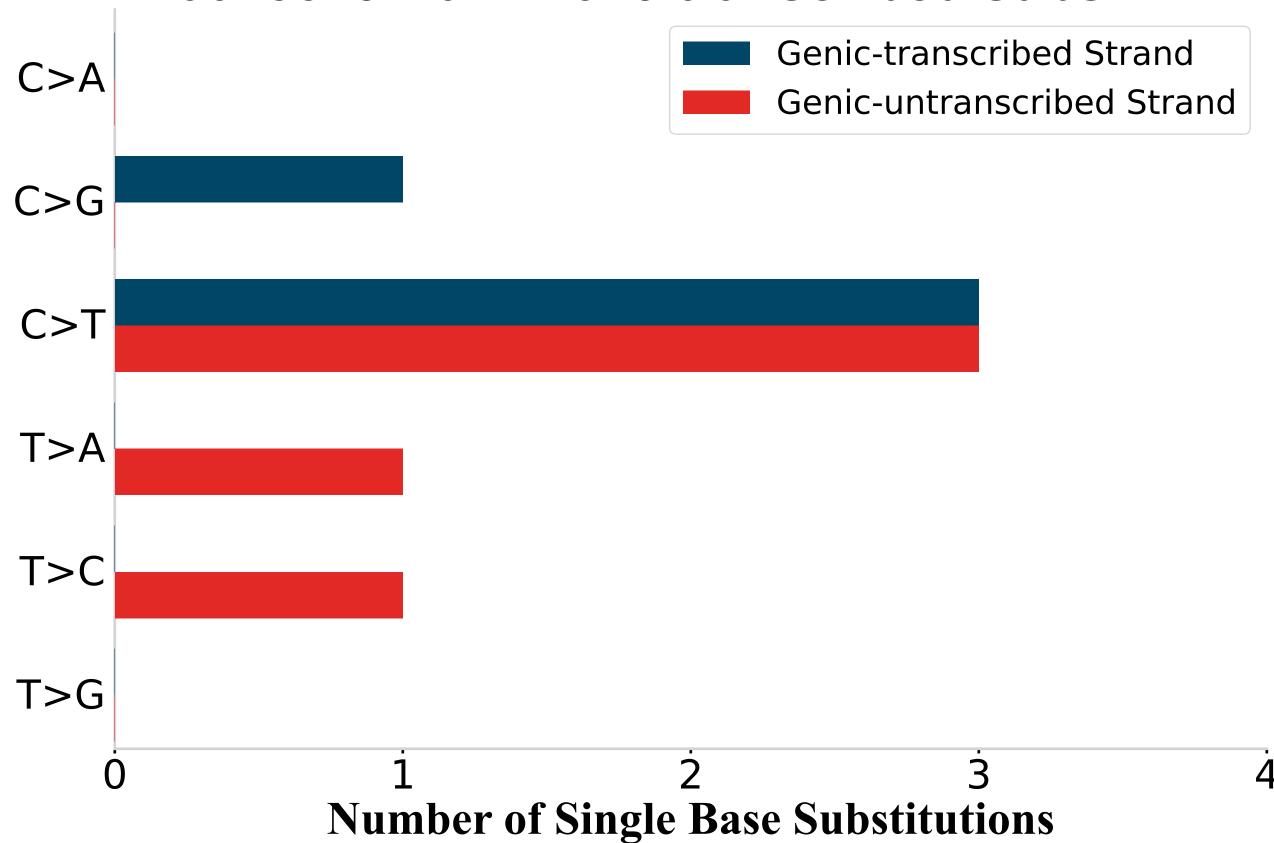
P-0045248-T01-IM6: 8 transcribed subs



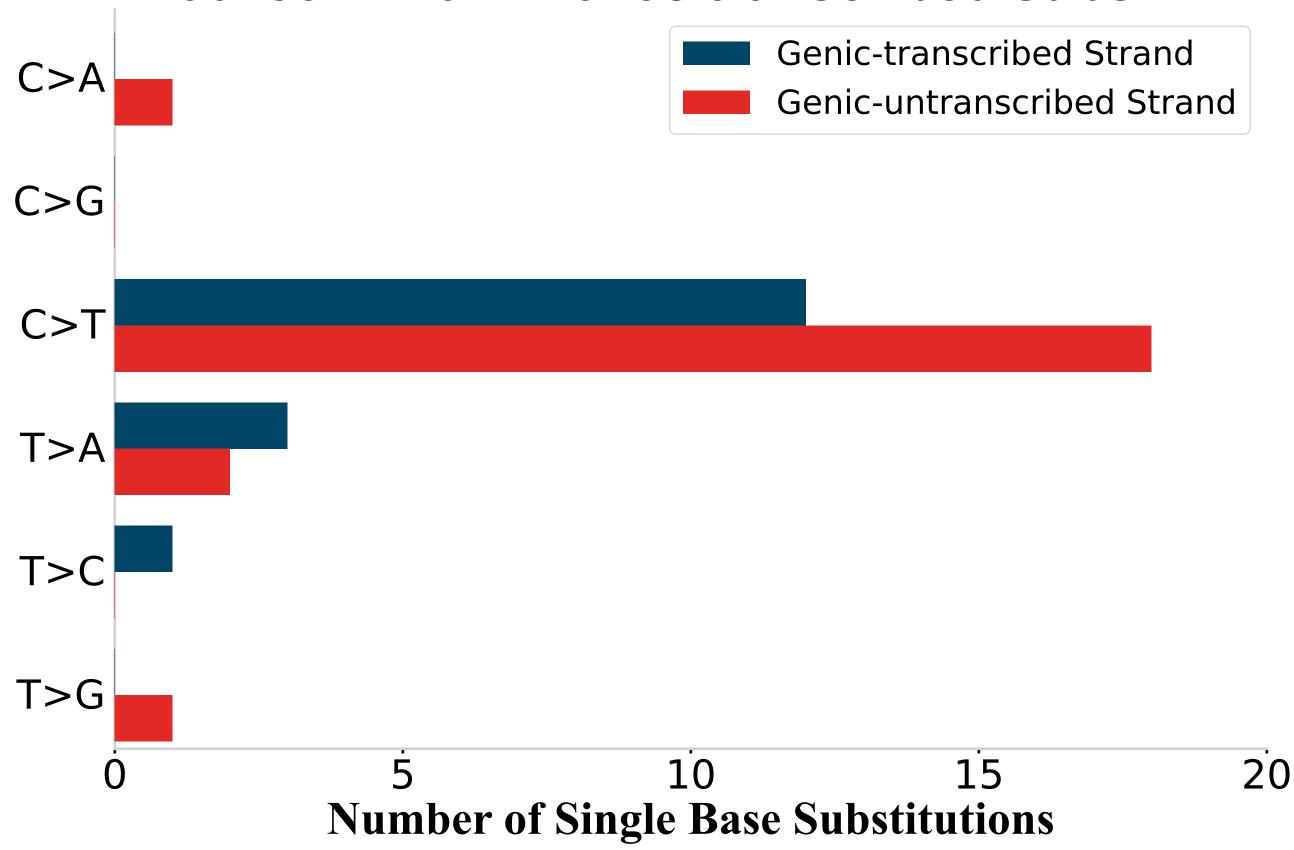
P-0045293-T01-IM6: 11 transcribed subs



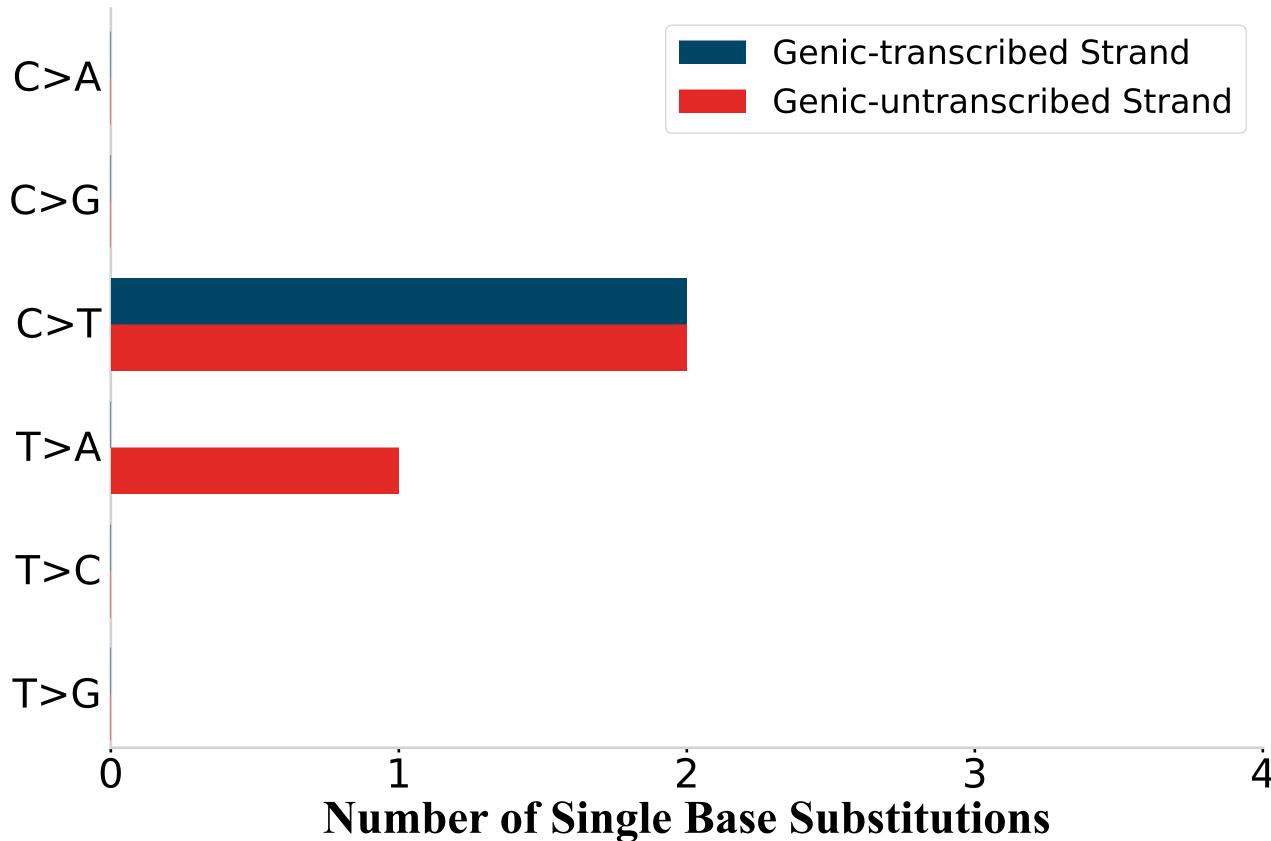
P-0045319-T01-IM6: 9 transcribed subs



P-0045374-T01-IM6: 38 transcribed subs



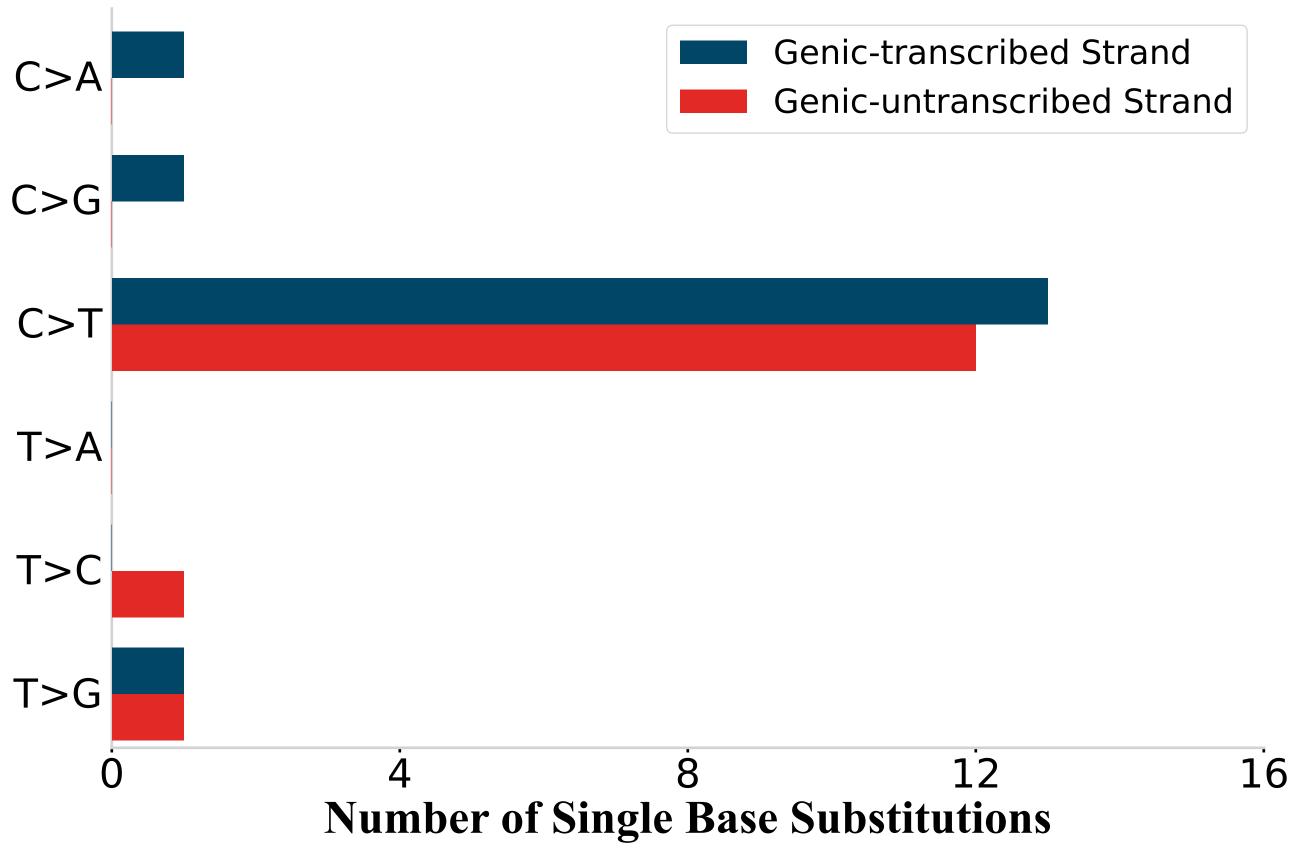
P-0045450-T01-IM6: 5 transcribed subs



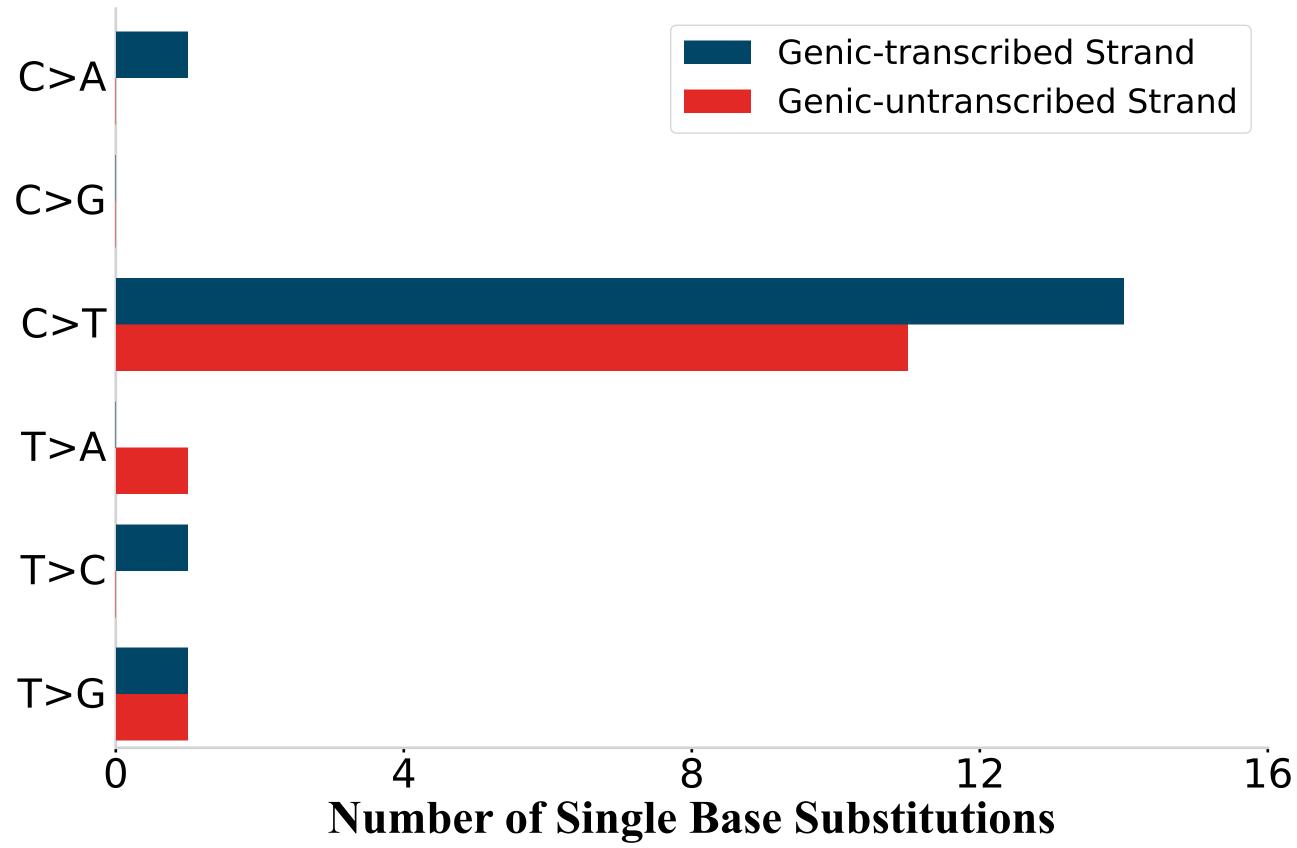
P-0045464-T01-IM6: 1 transcribed subs



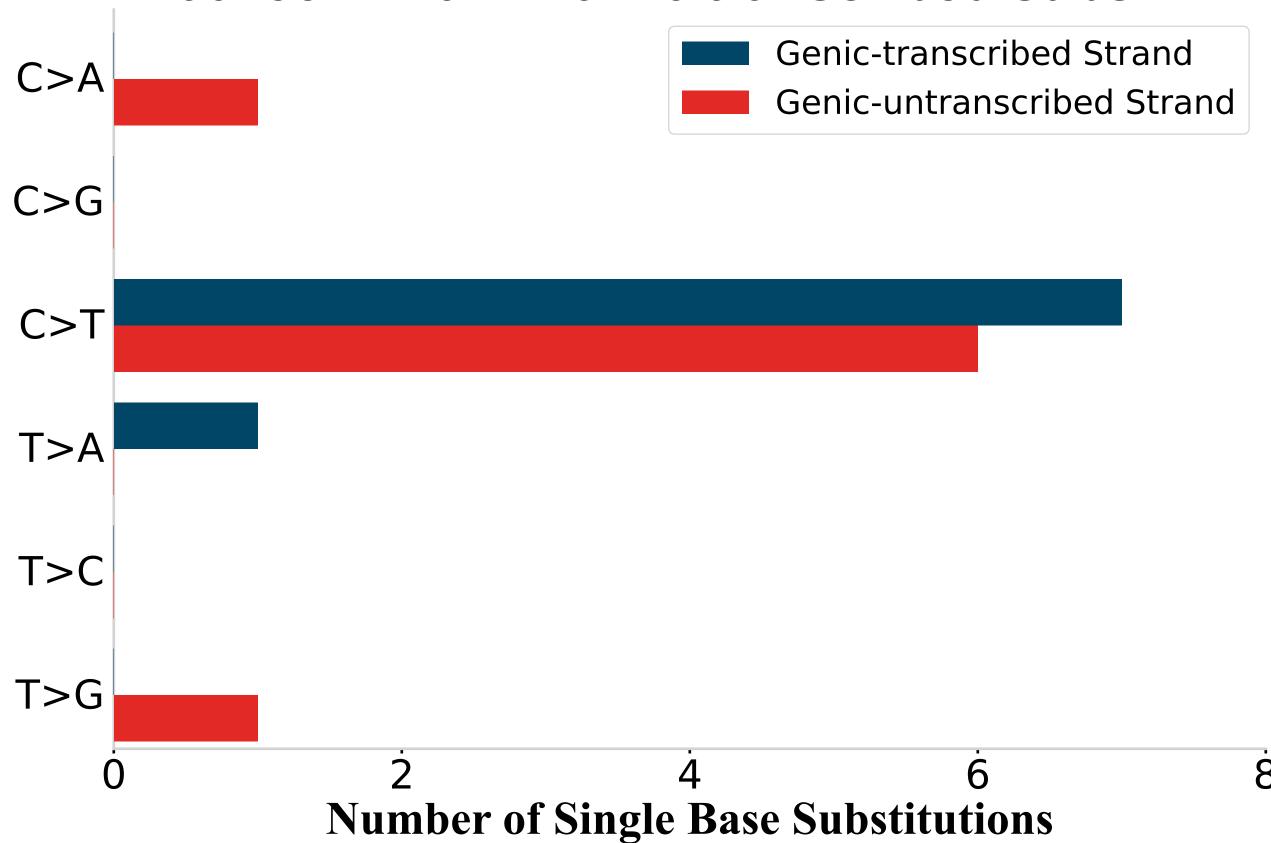
P-0045510-T01-IM6: 30 transcribed subs



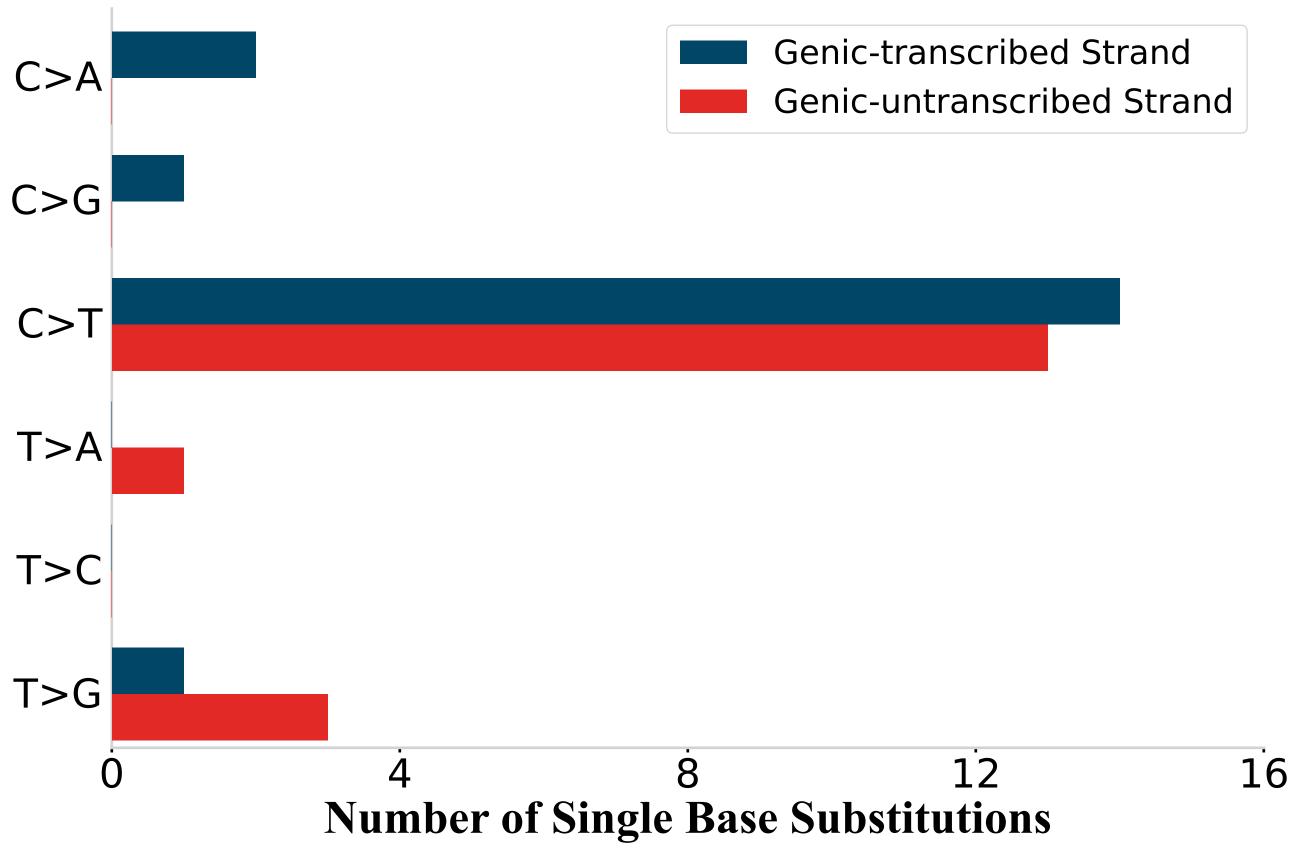
P-0045573-T01-IM6: 30 transcribed subs



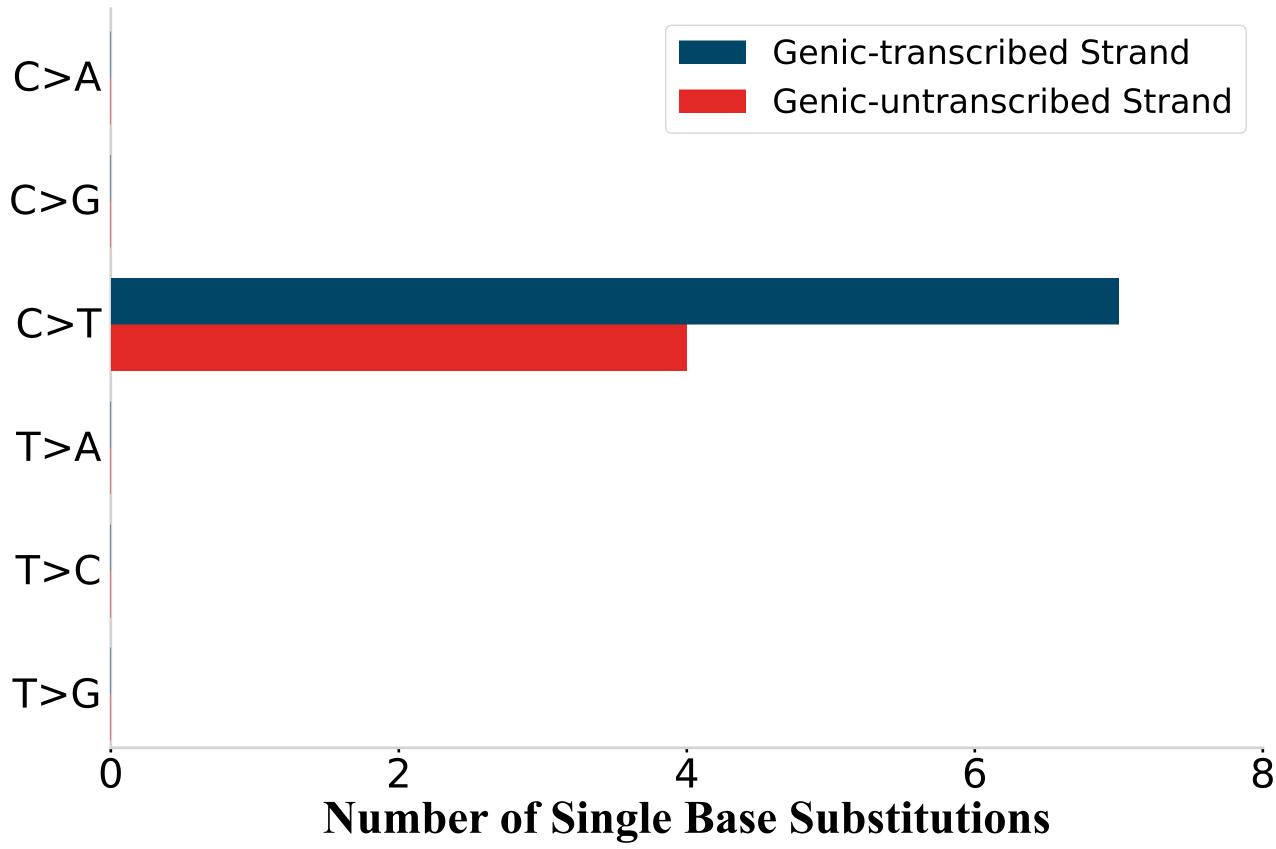
P-0045574-T01-IM6: 16 transcribed subs



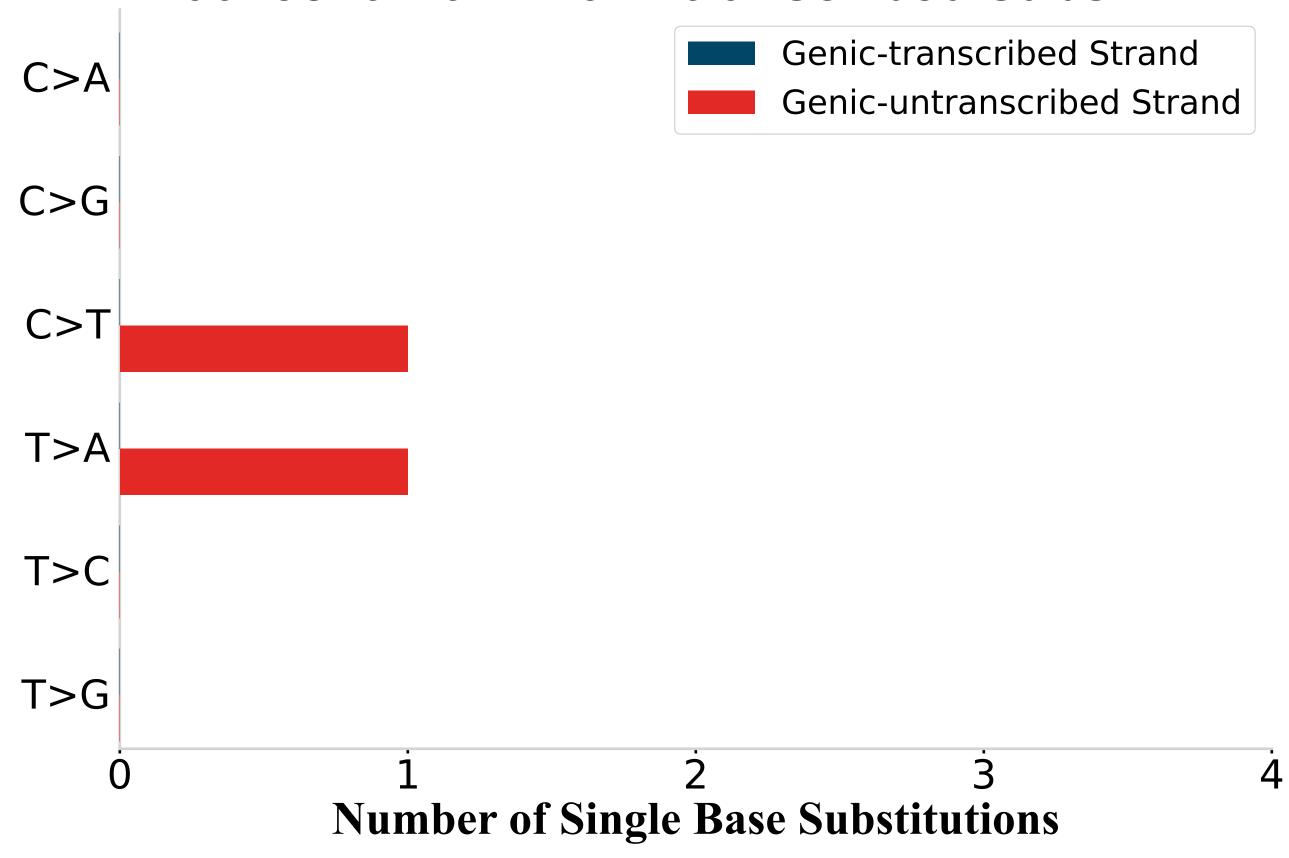
P-0045688-T01-IM6: 35 transcribed subs



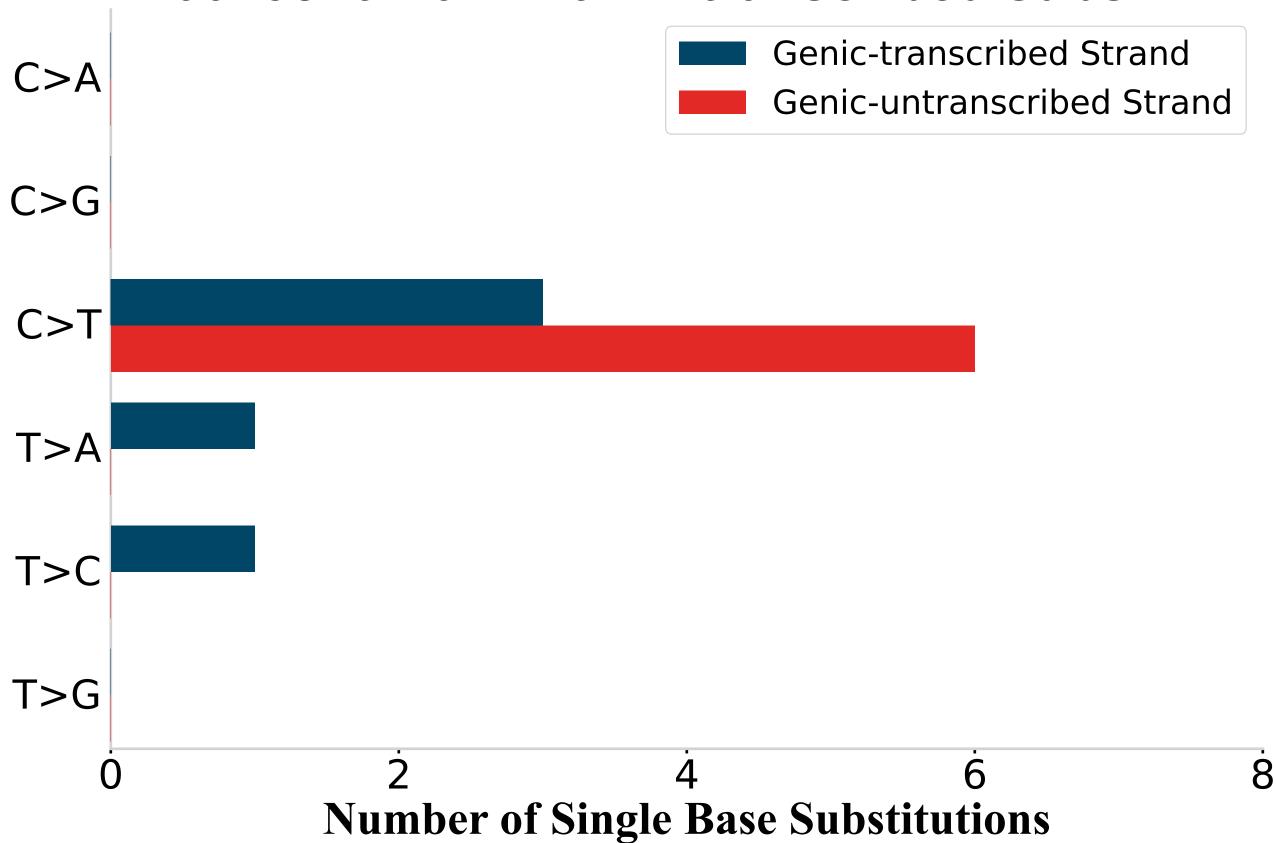
P-0045711-T01-IM6: 11 transcribed subs



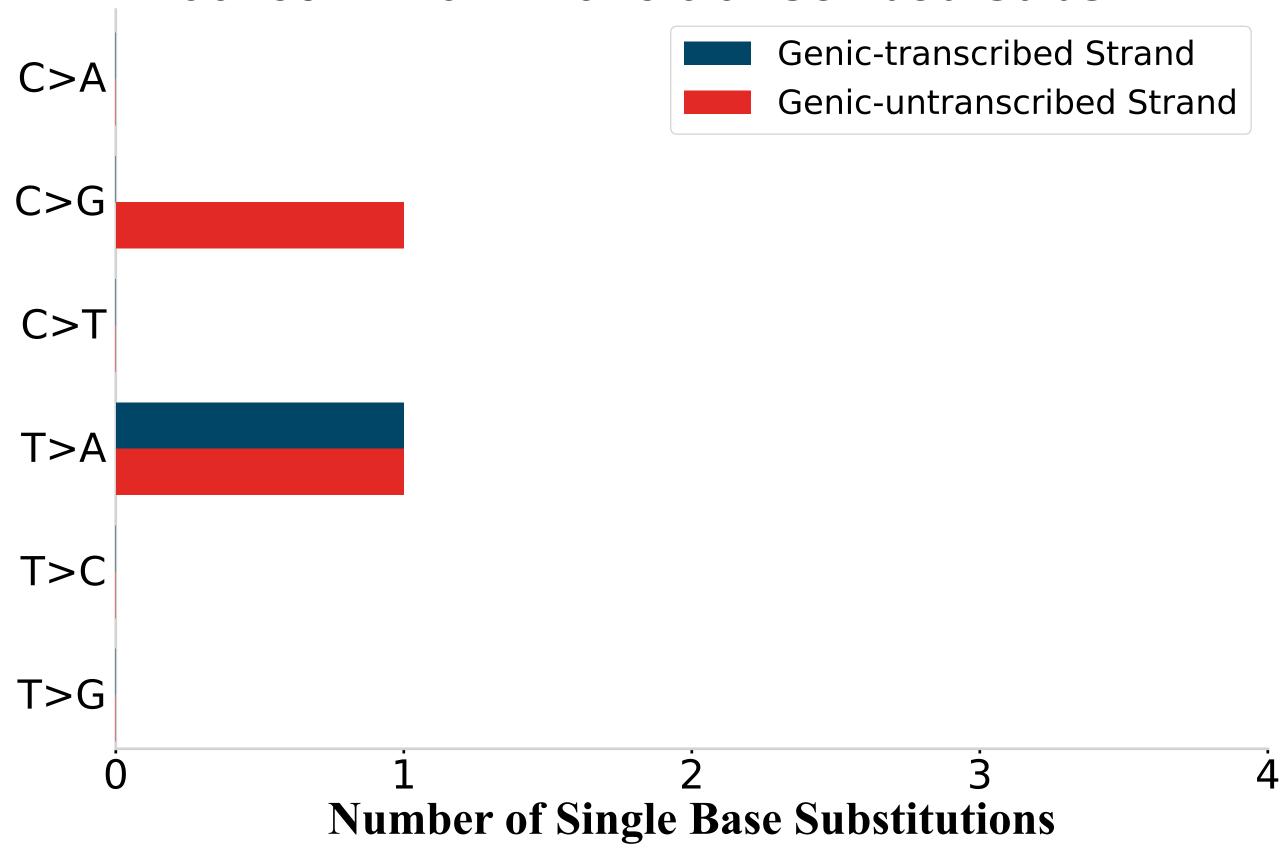
P-0045820-T01-IM6: 2 transcribed subs



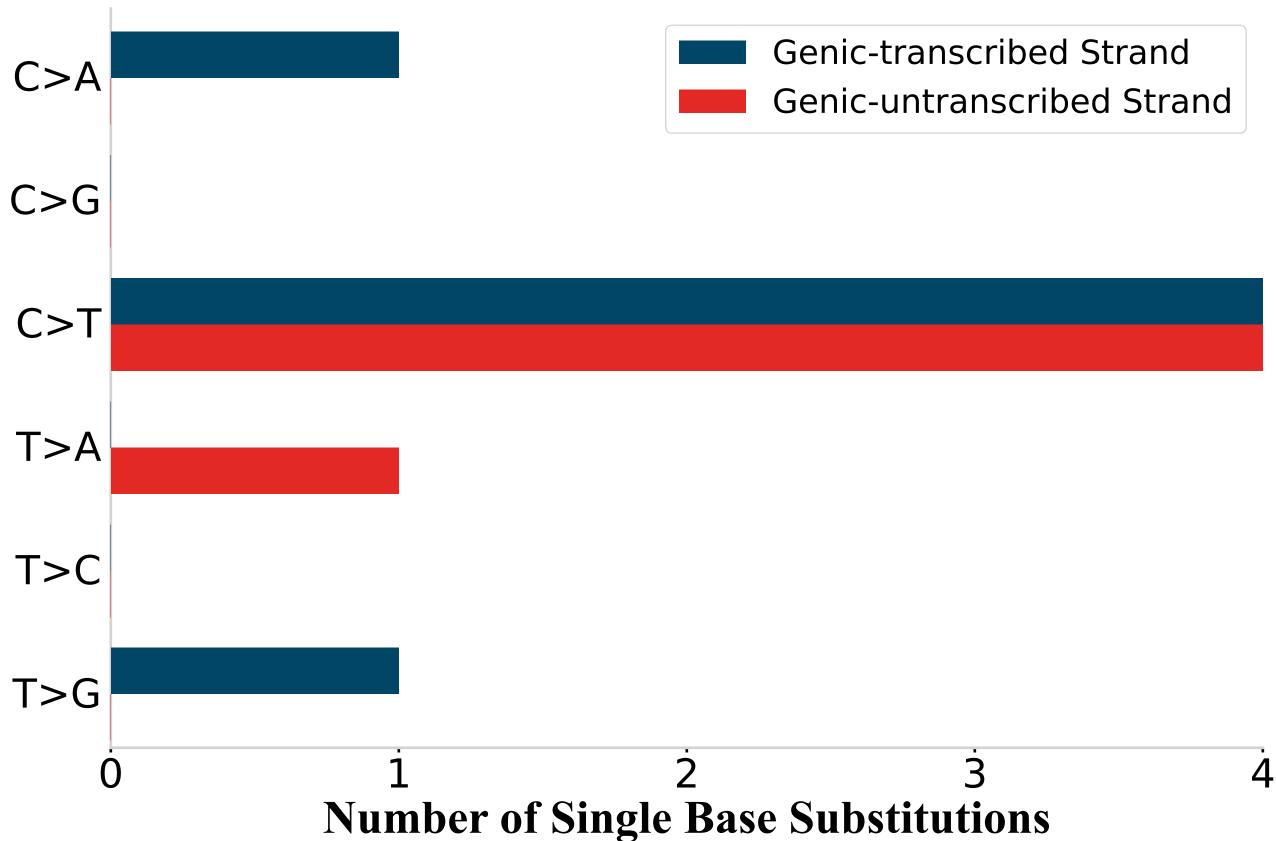
P-0045876-T01-IM6: 11 transcribed subs



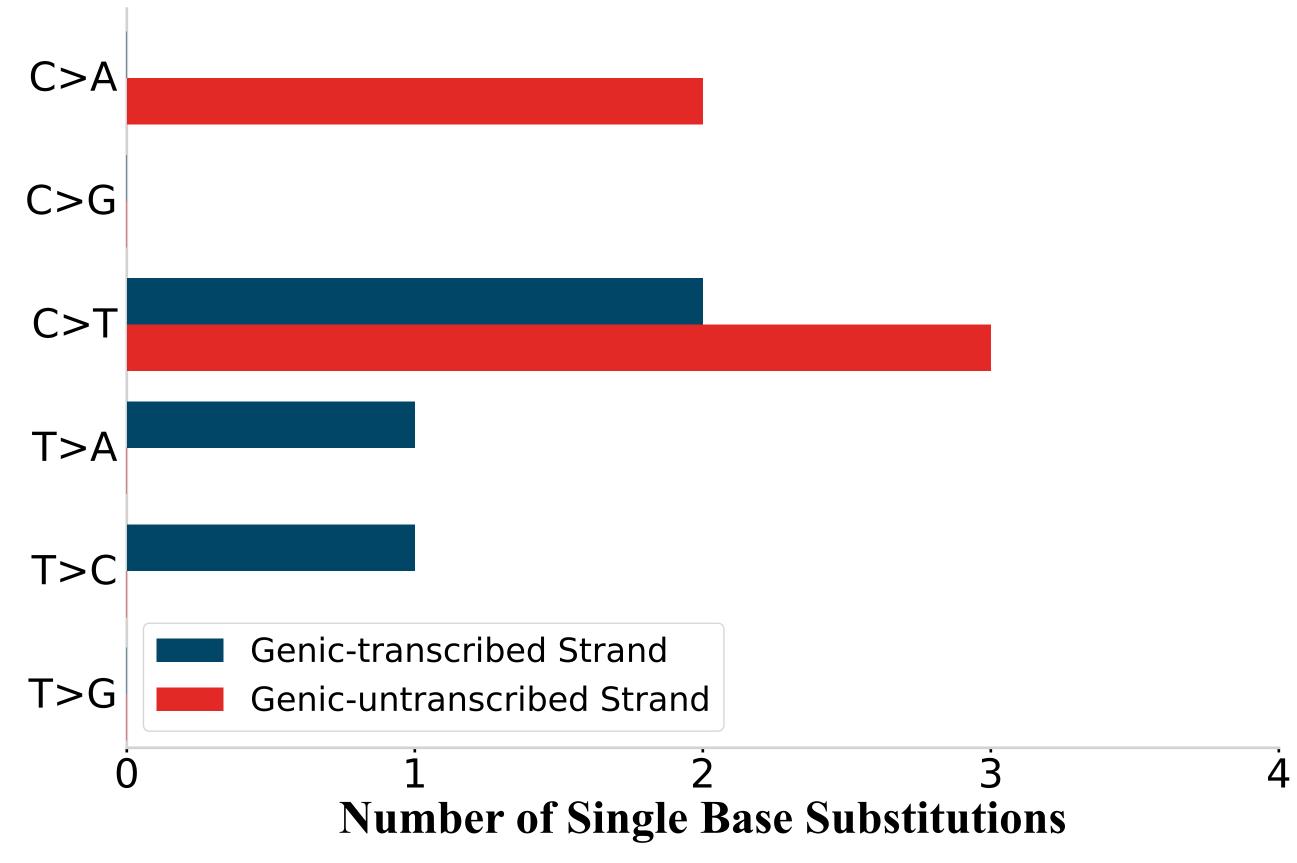
P-0045921-T01-IM6: 3 transcribed subs



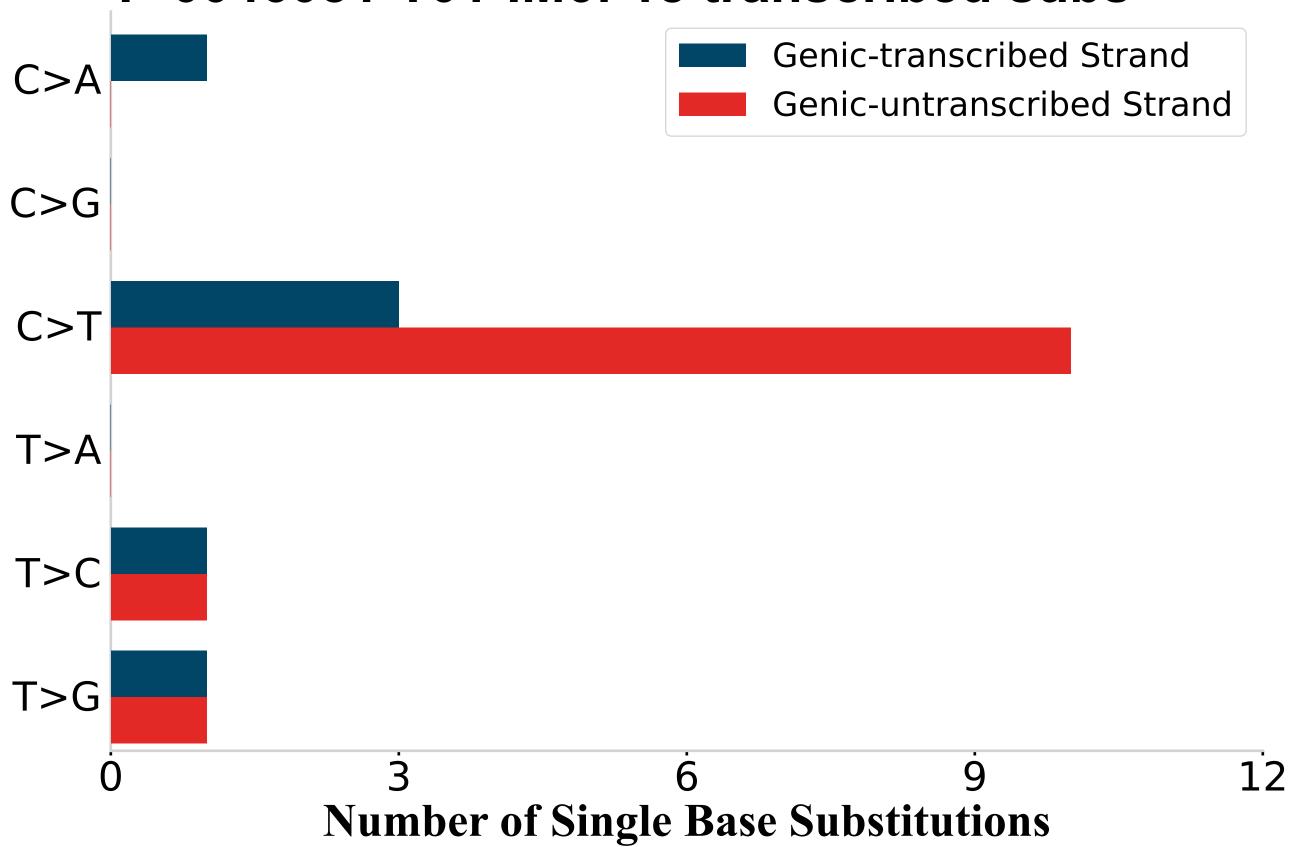
P-0045925-T01-IM6: 11 transcribed subs



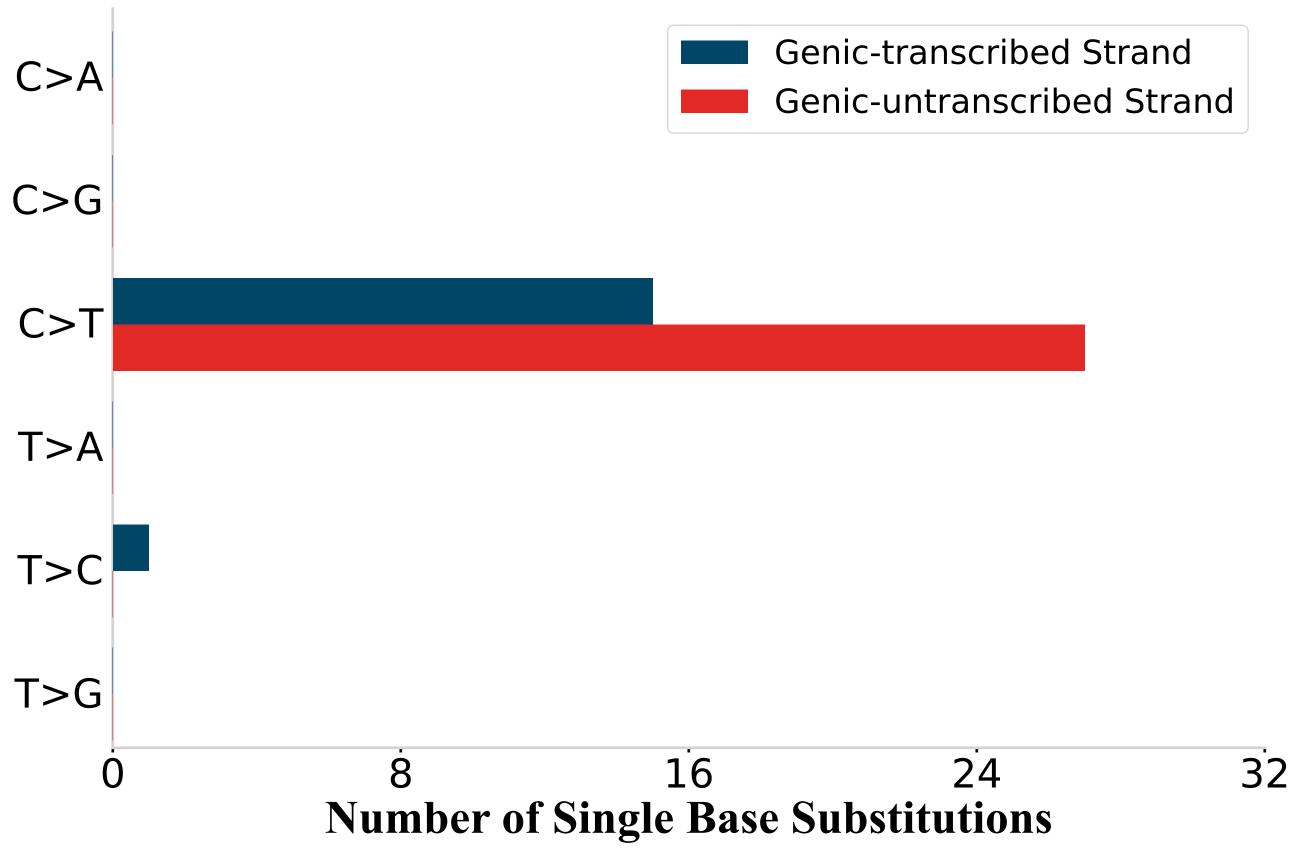
P-0046036-T01-IM6: 9 transcribed subs



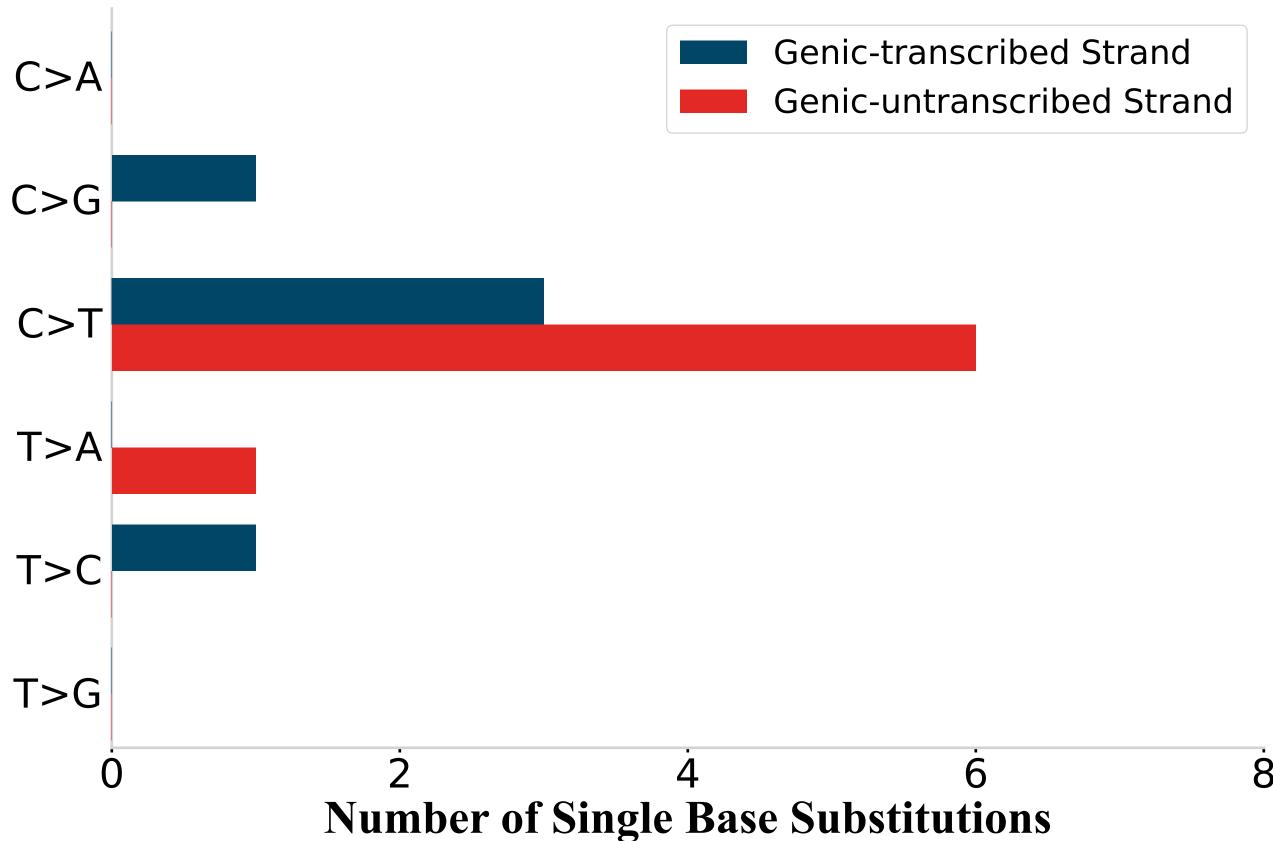
P-0046051-T01-IM6: 18 transcribed subs



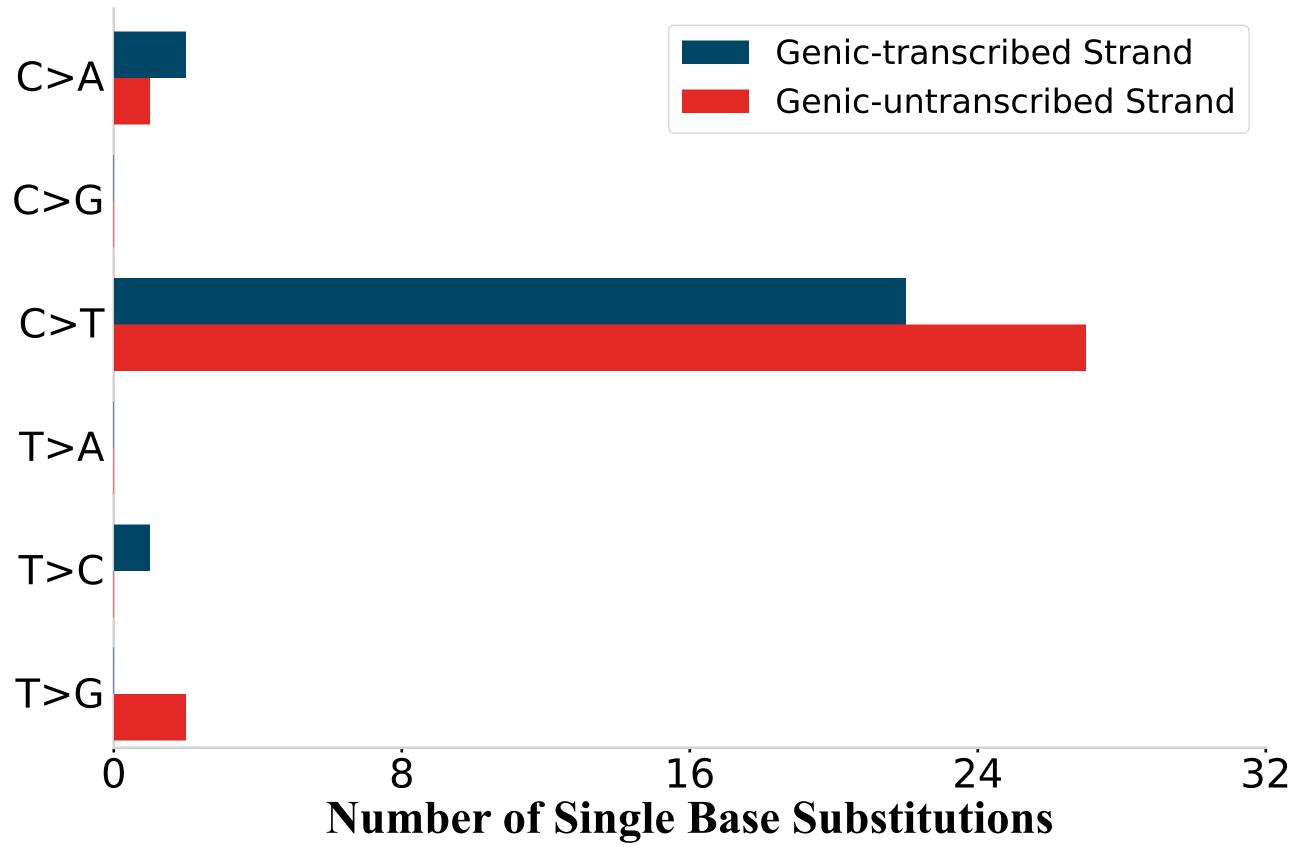
P-0046236-T01-IM6: 43 transcribed subs



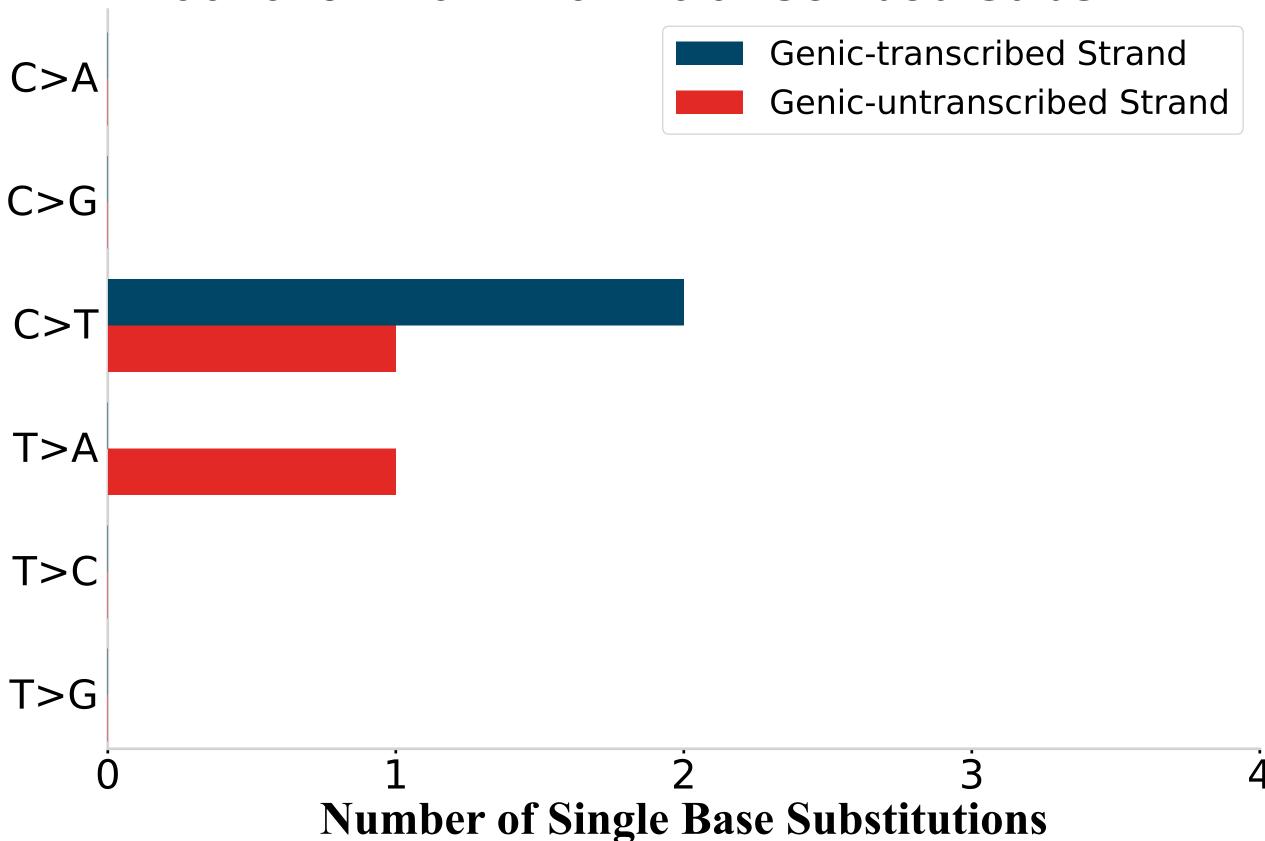
P-0046396-T01-IM6: 12 transcribed subs



P-0046405-T01-IM6: 55 transcribed subs

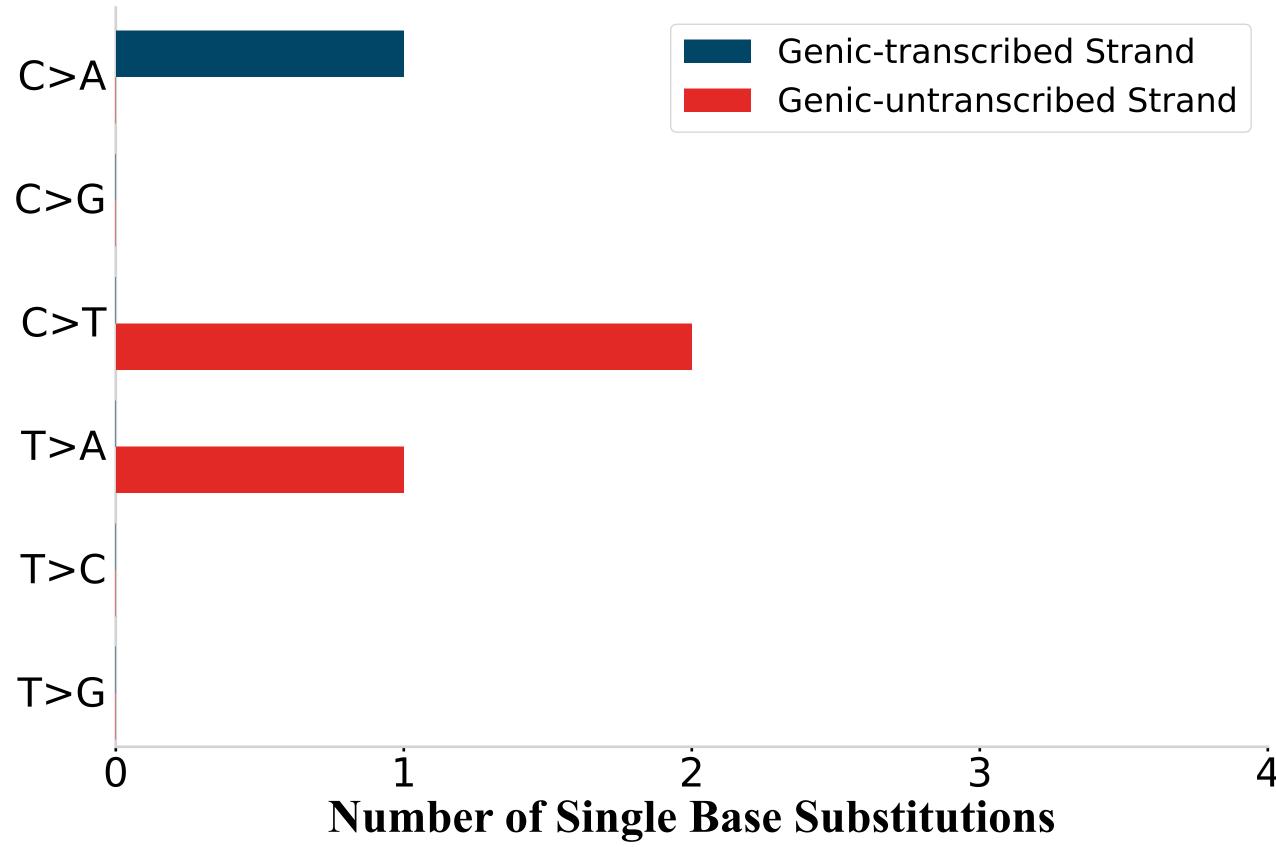


P-0046494-T02-IM6: 4 transcribed subs

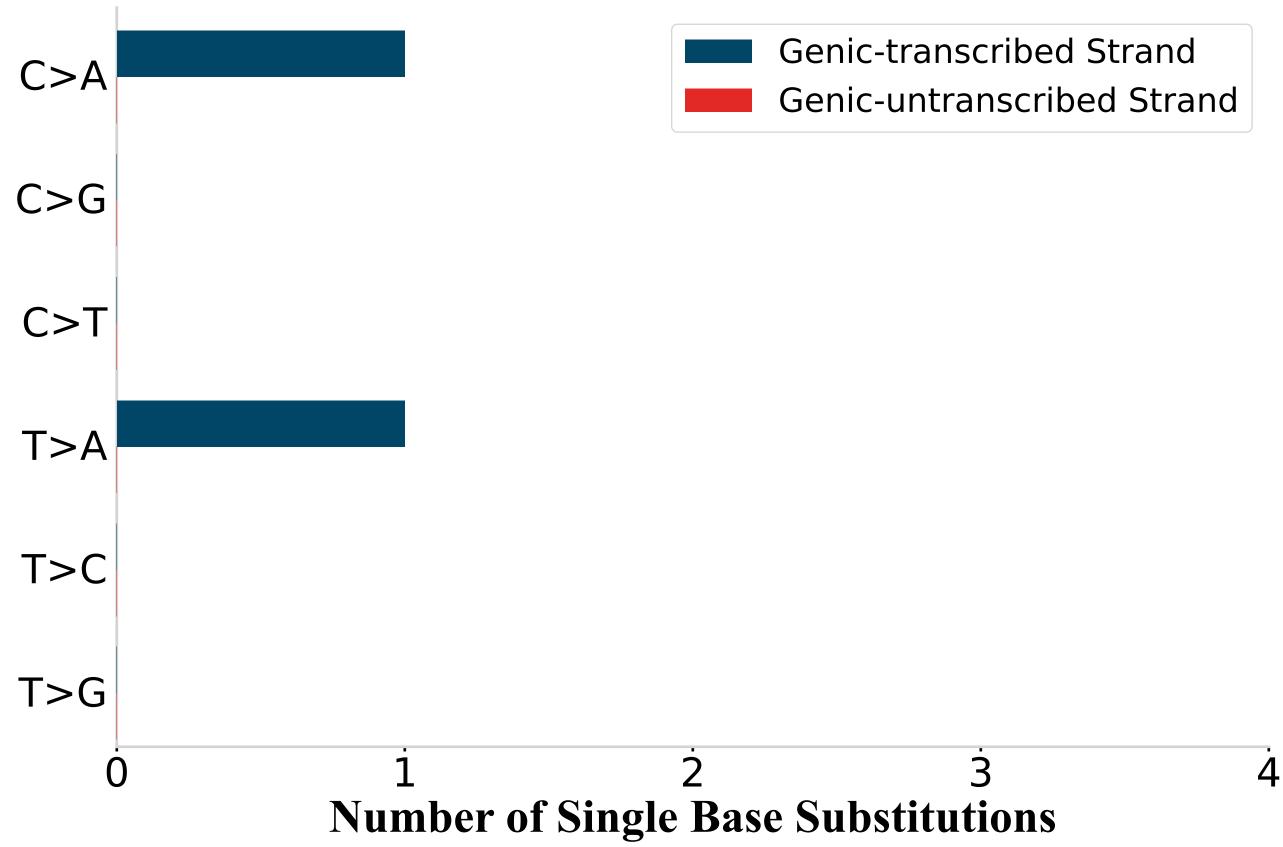


P-0046563-T01-IM6: 188 transcribed subs Genic-transcribed Strand C>A Genic-untranscribed Strand C>T T>A T>C T>G 30 120 90 60 **Number of Single Base Substitutions**

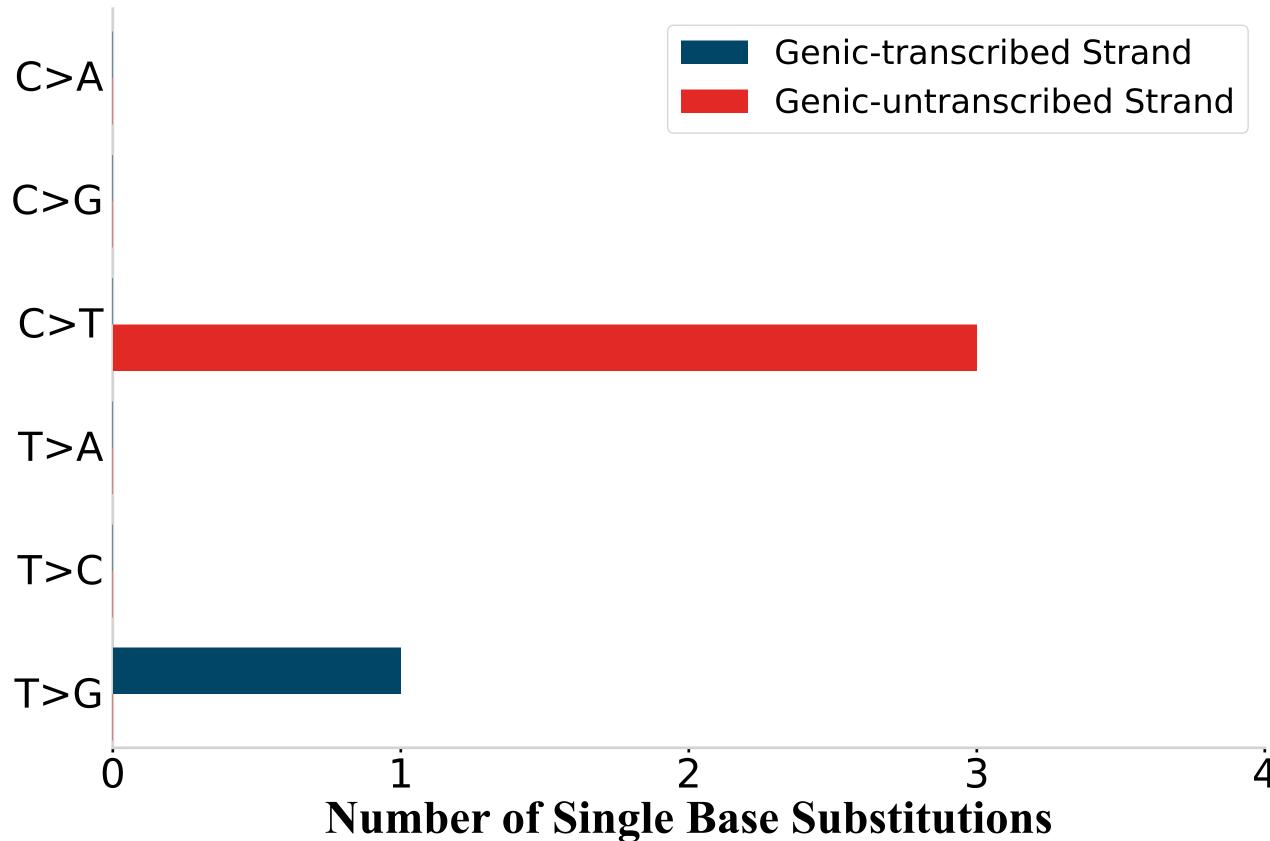
P-0046599-T01-IM6: 4 transcribed subs



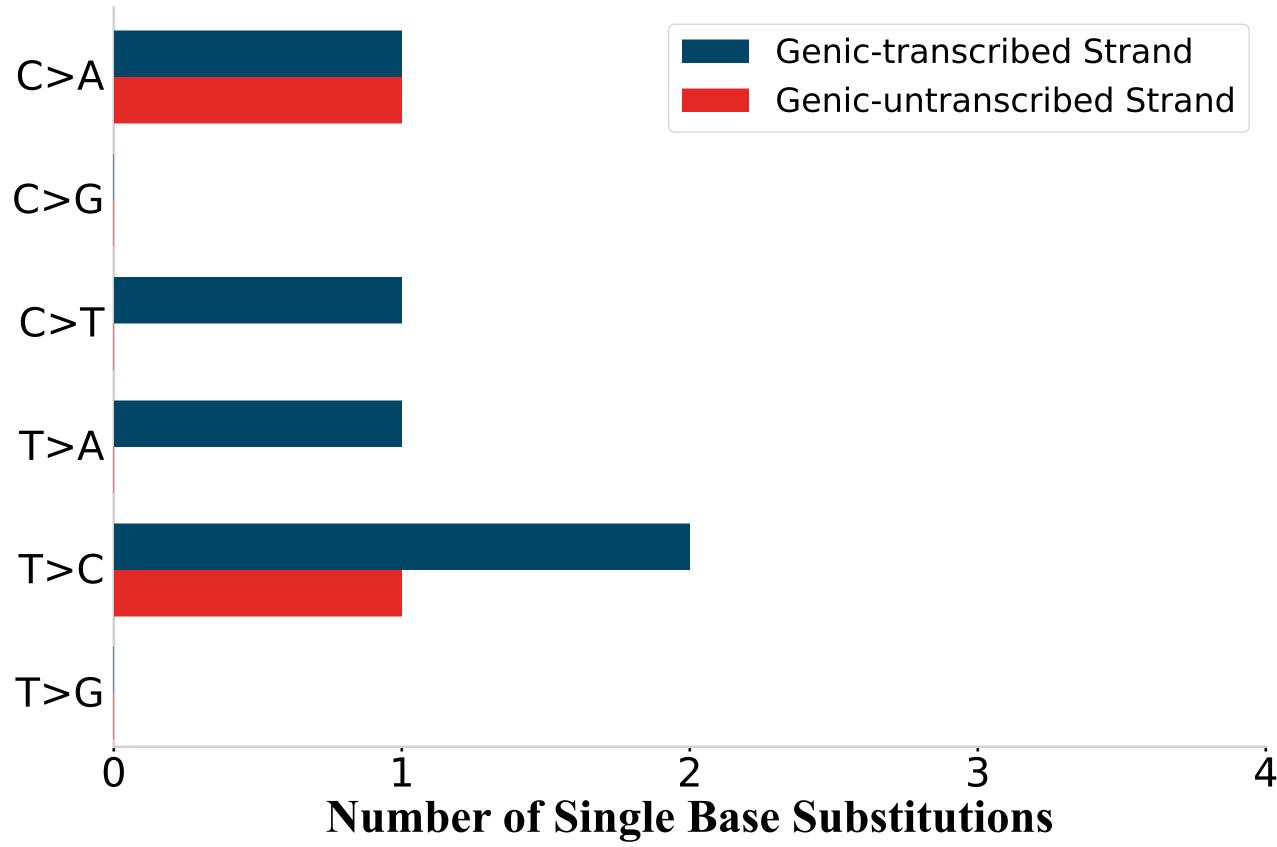
P-0046665-T01-IM6: 2 transcribed subs



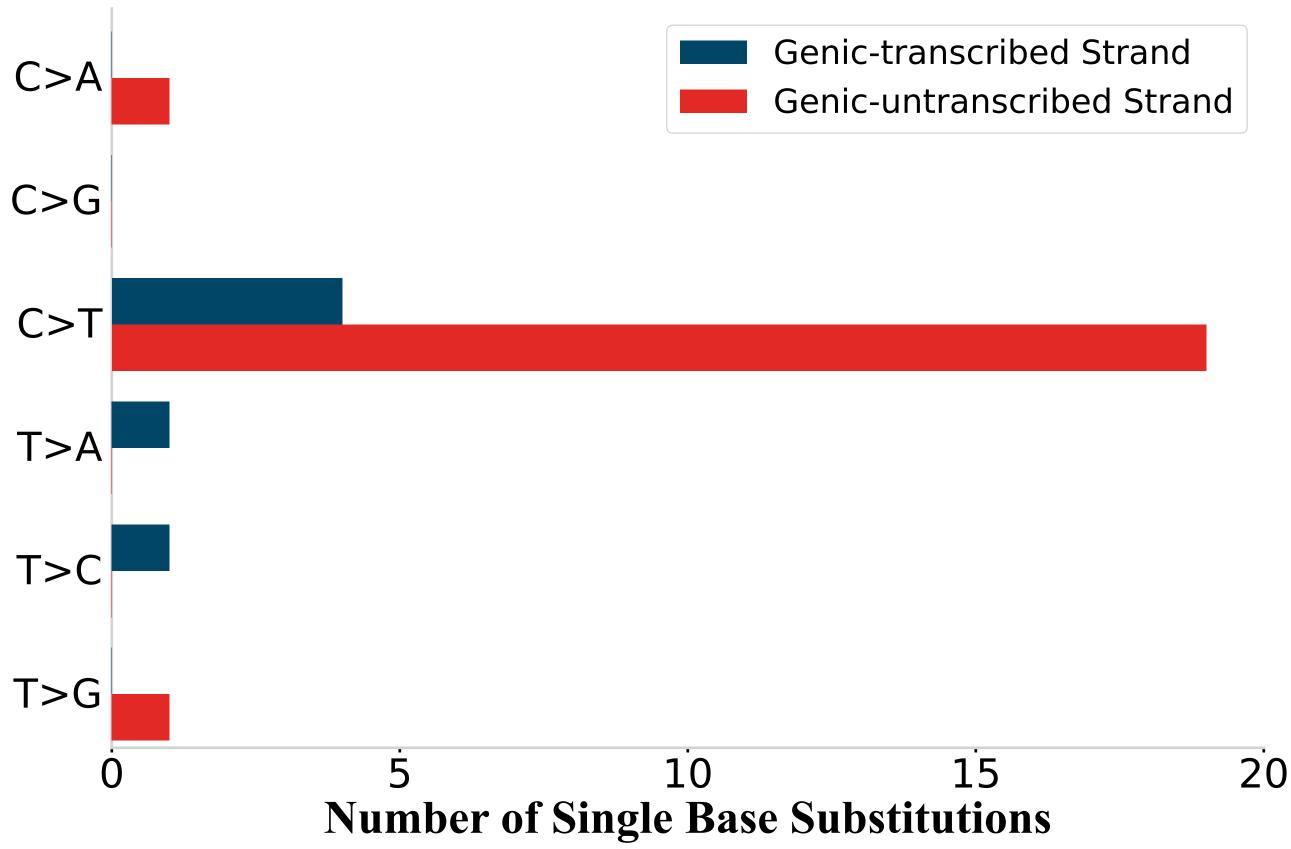
P-0046756-T01-IM6: 4 transcribed subs



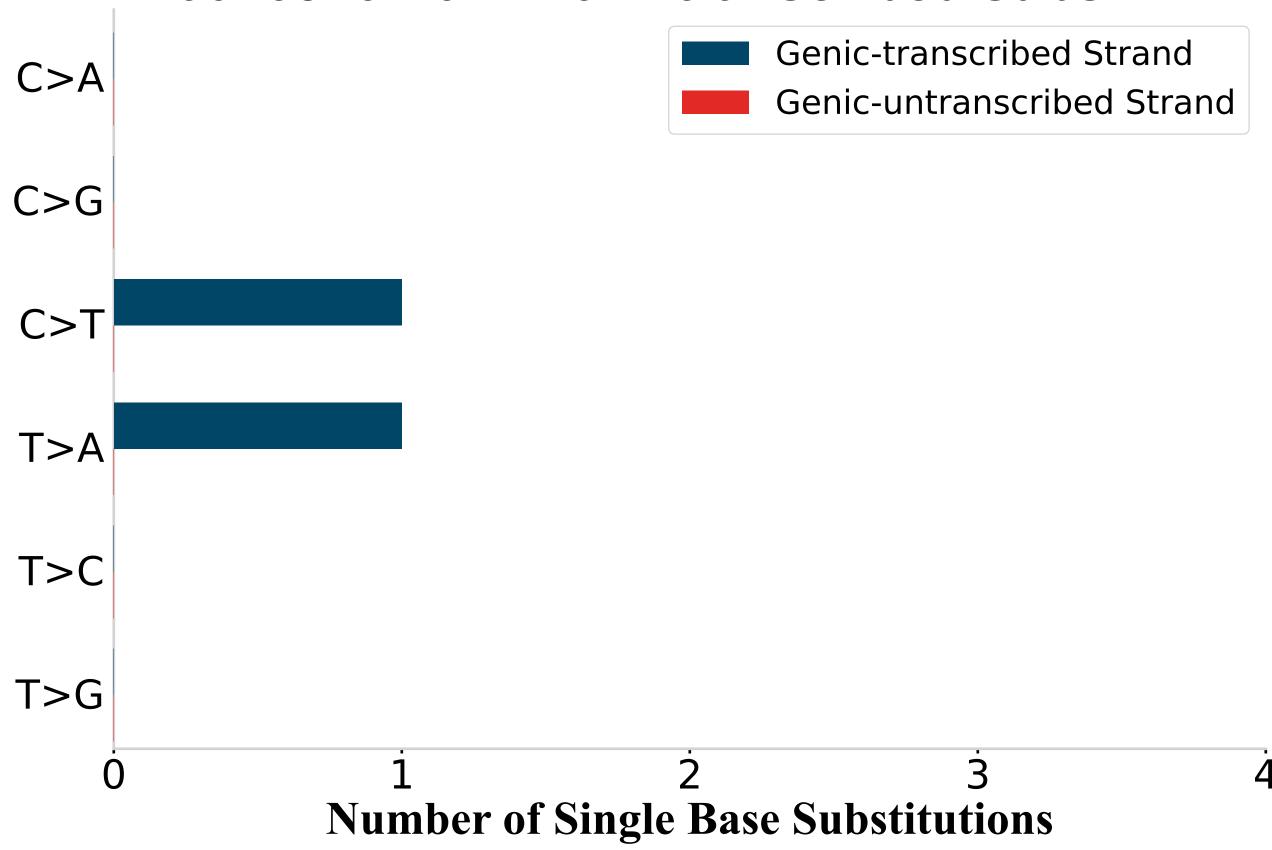
P-0046781-T01-IM6: 7 transcribed subs



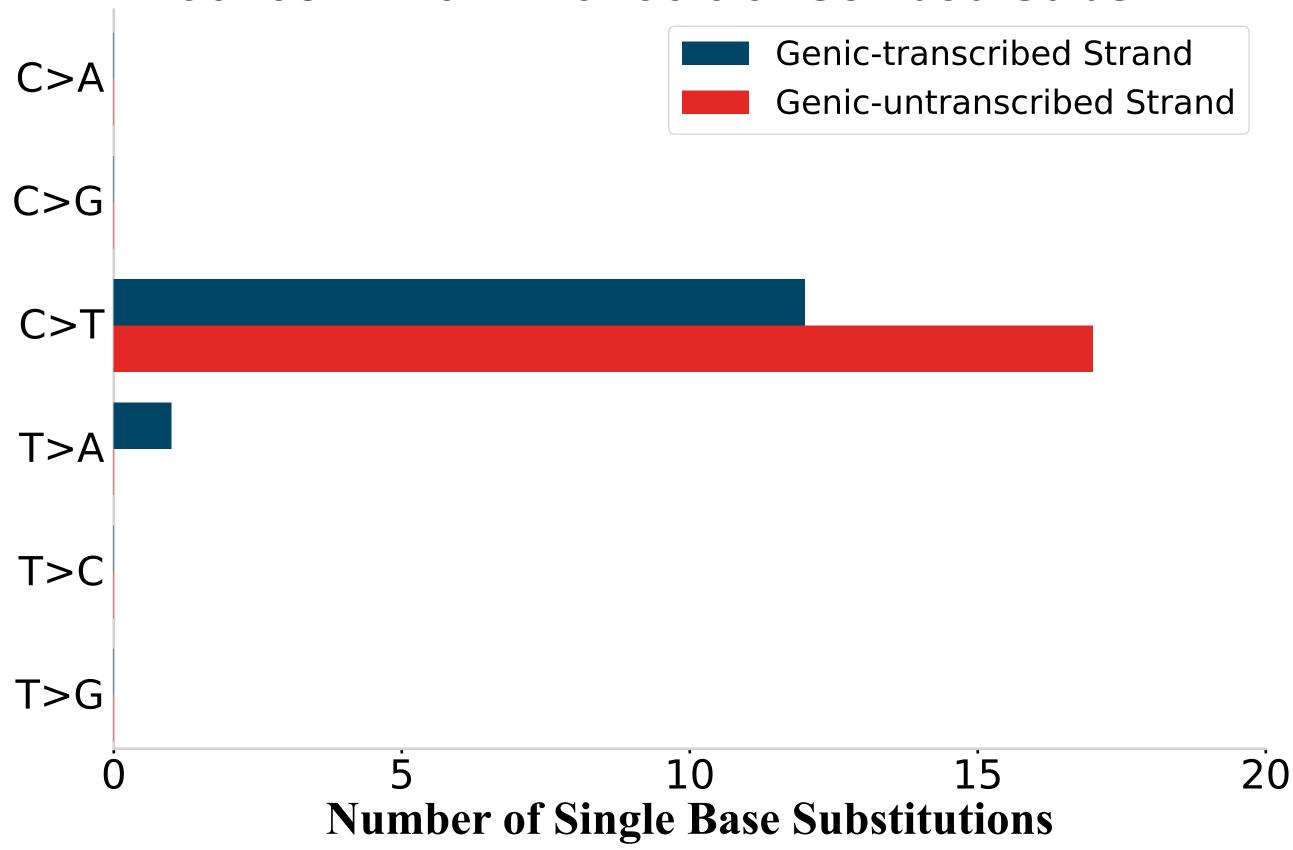
P-0046801-T01-IM6: 27 transcribed subs



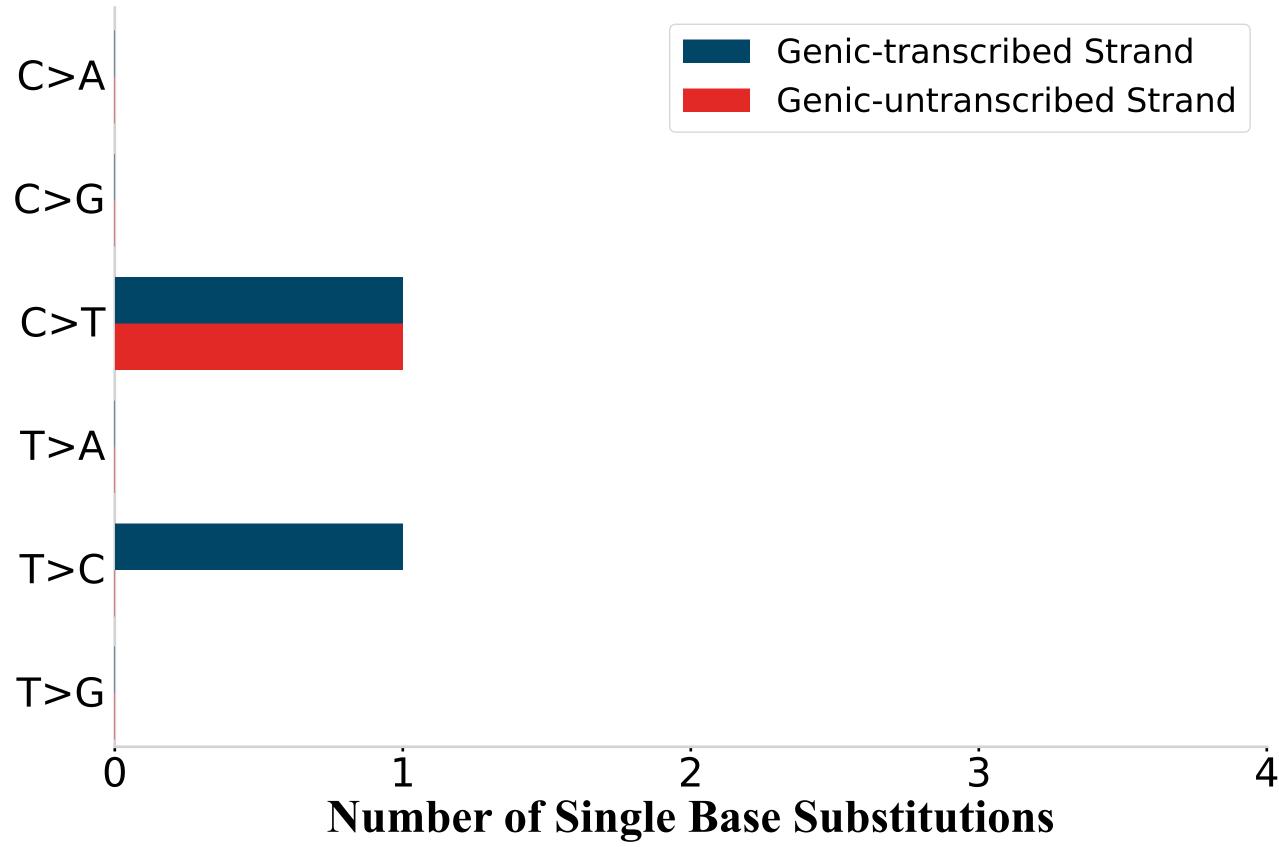
P-0046816-T01-IM6: 2 transcribed subs



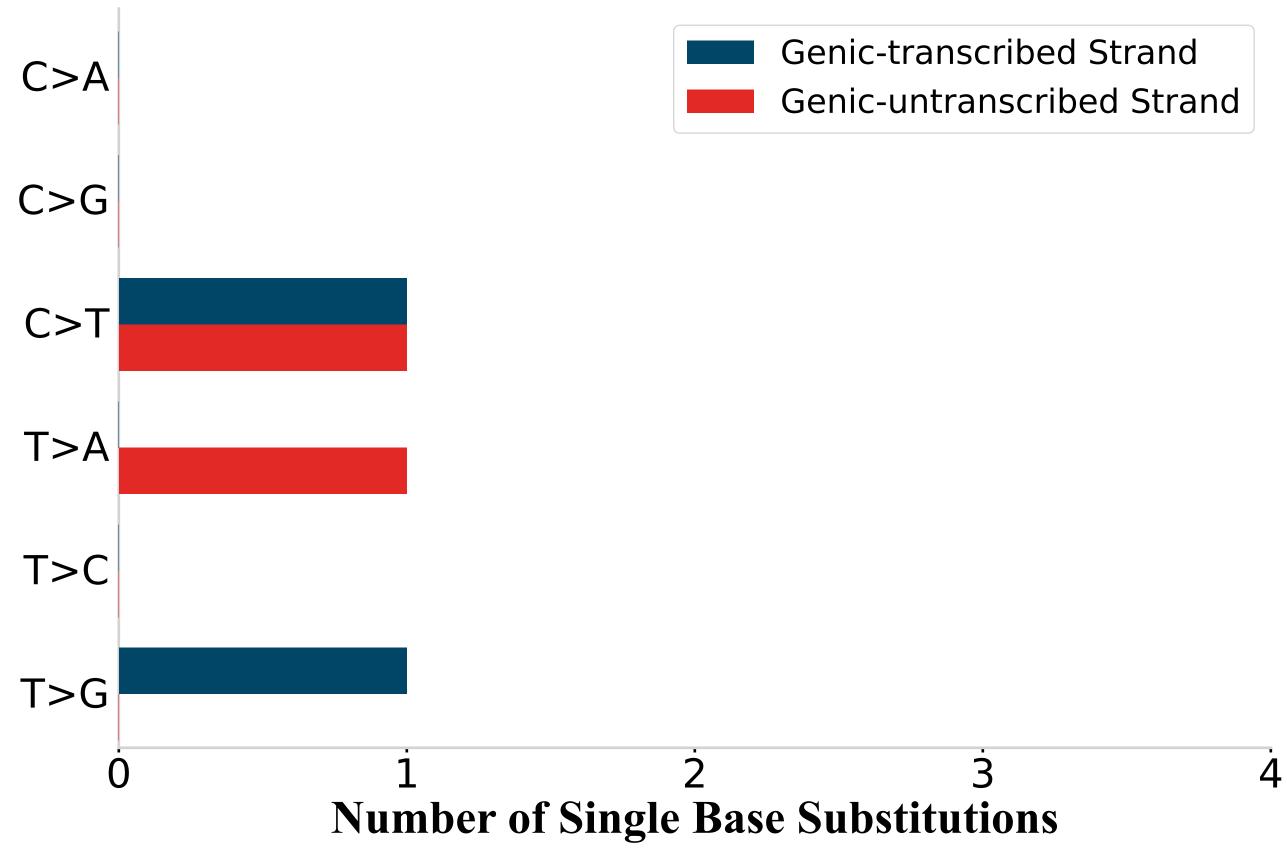
P-0046842-T01-IM6: 30 transcribed subs



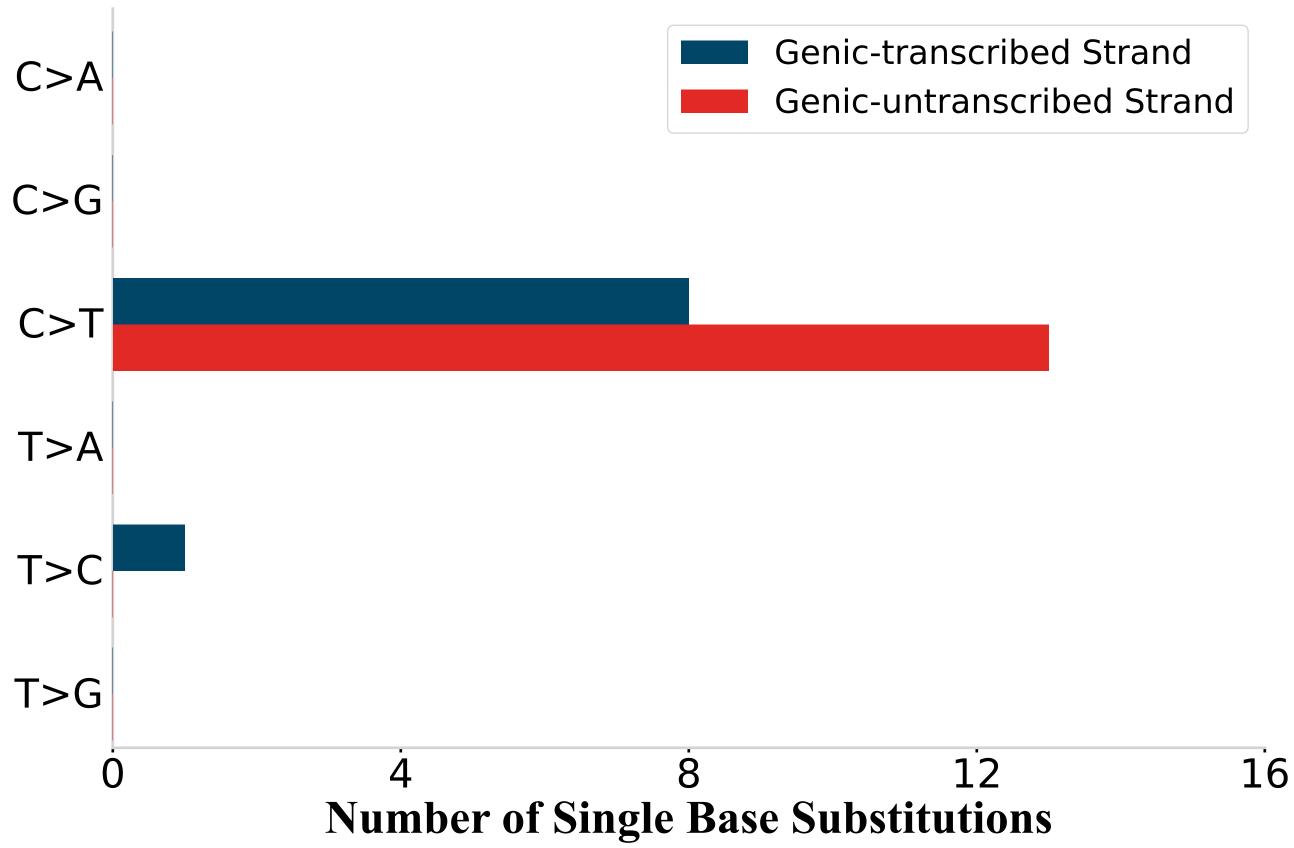
P-0047000-T01-IM6: 3 transcribed subs



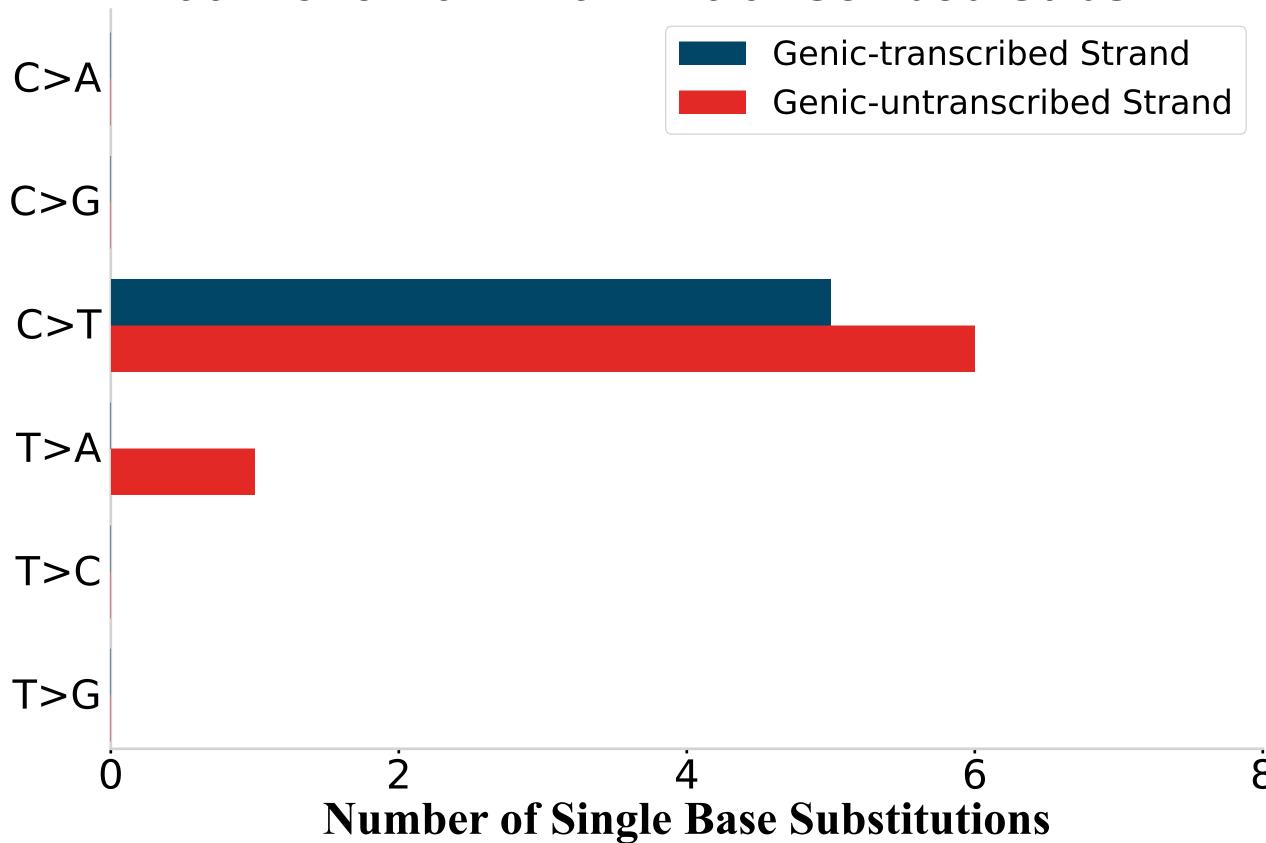
P-0047235-T01-IM6: 4 transcribed subs



P-0047254-T01-IM6: 22 transcribed subs

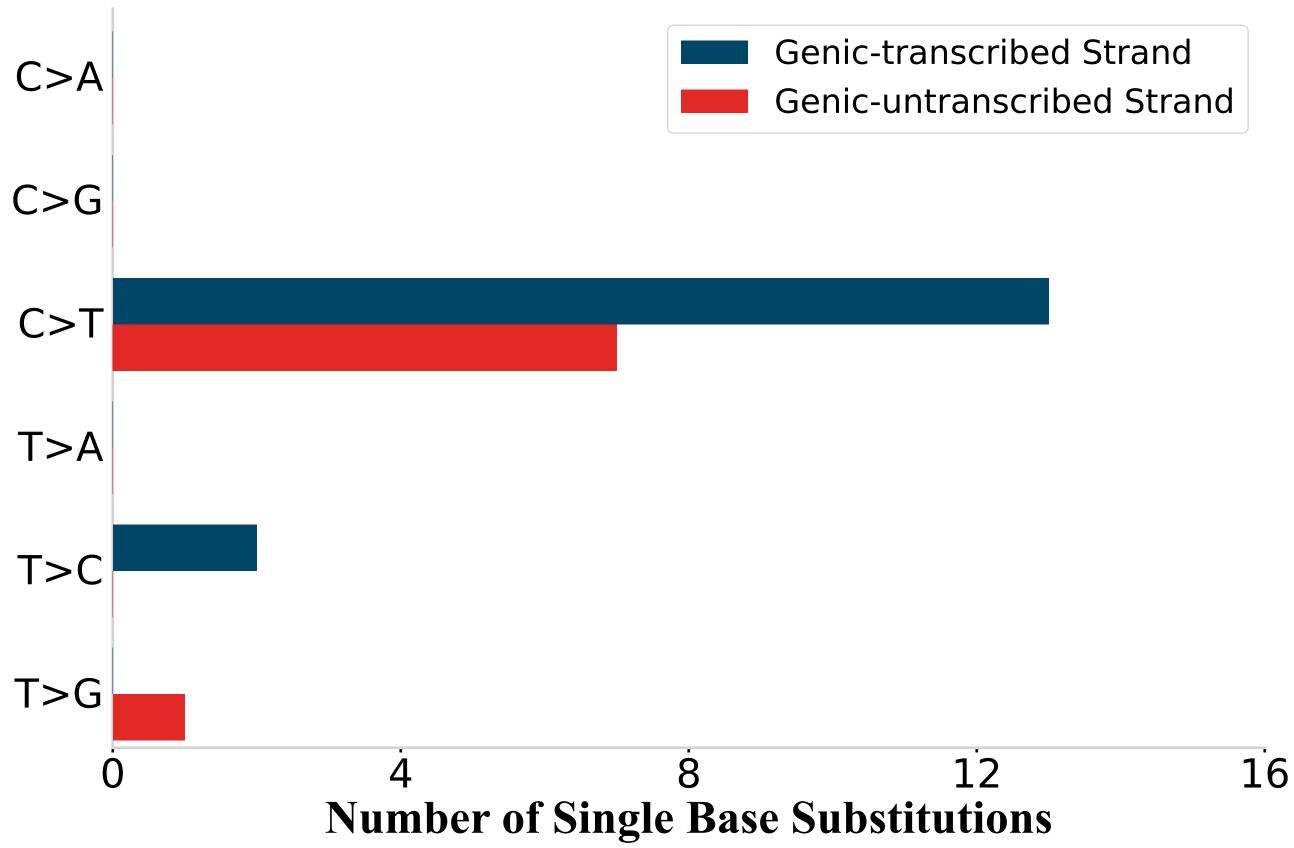


P-0047315-T01-IM6: 12 transcribed subs

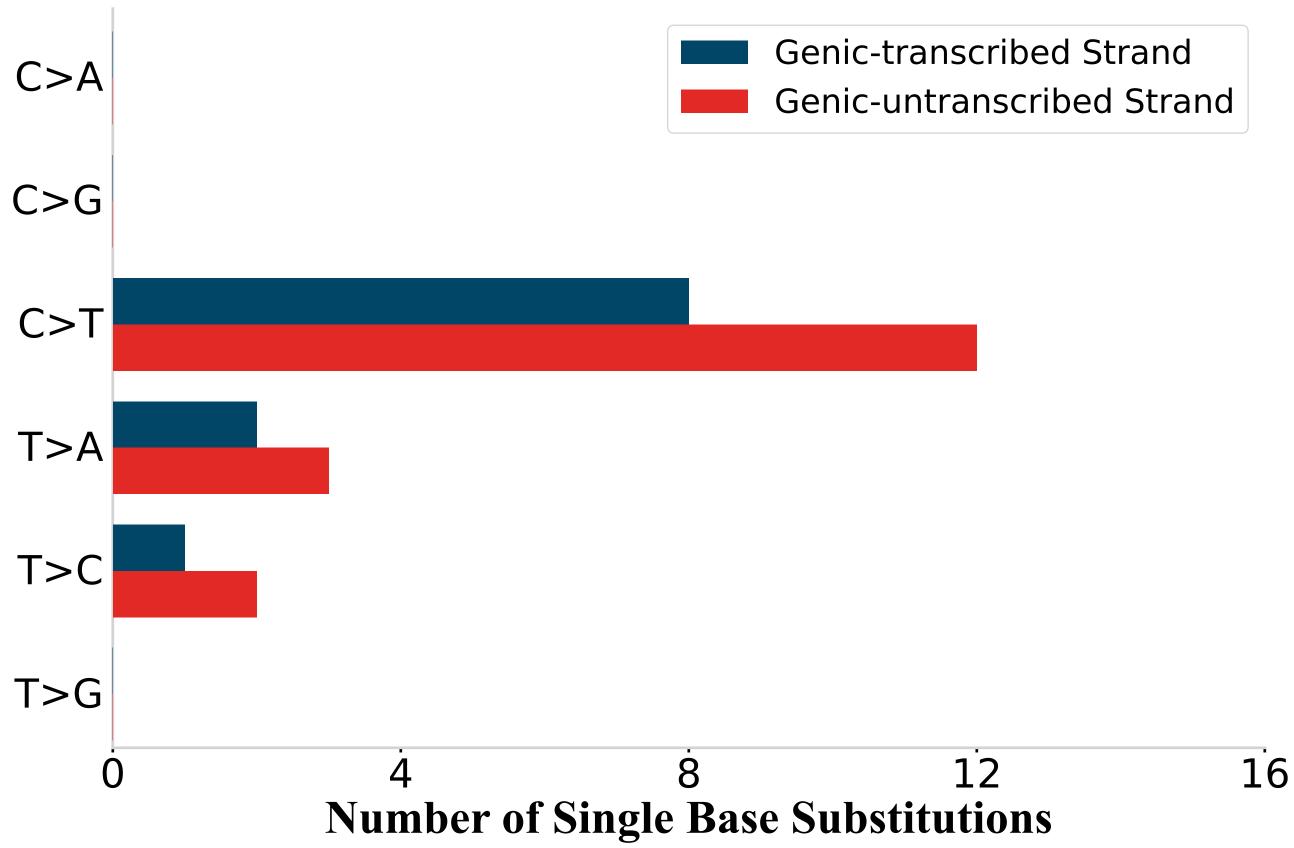


P-0047341-T01-IM6: 89 transcribed subs Genic-transcribed Strand C>A Genic-untranscribed Strand C>T T>A T>C T>G 56 14 28 42 **Number of Single Base Substitutions**

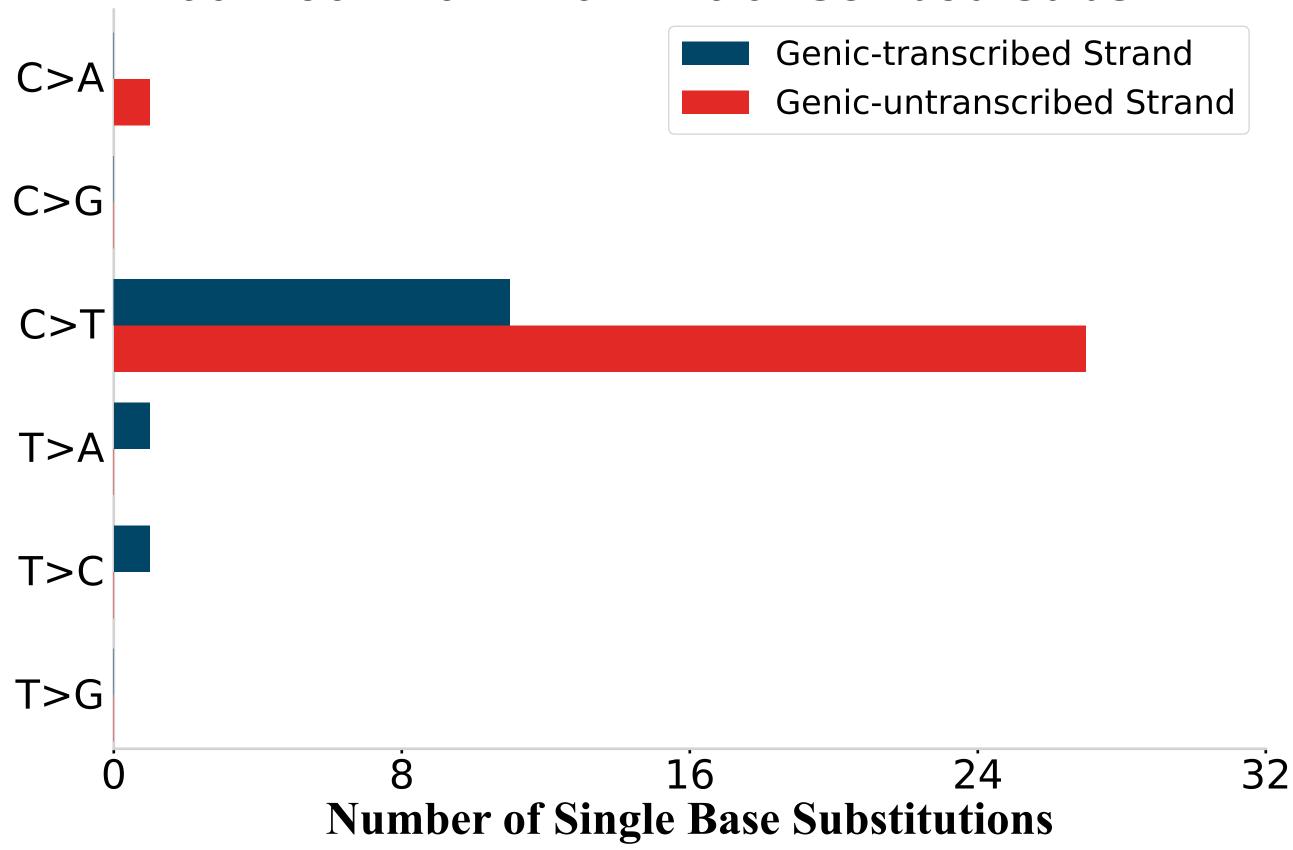
P-0047357-T01-IM6: 23 transcribed subs



P-0047457-T01-IM6: 28 transcribed subs



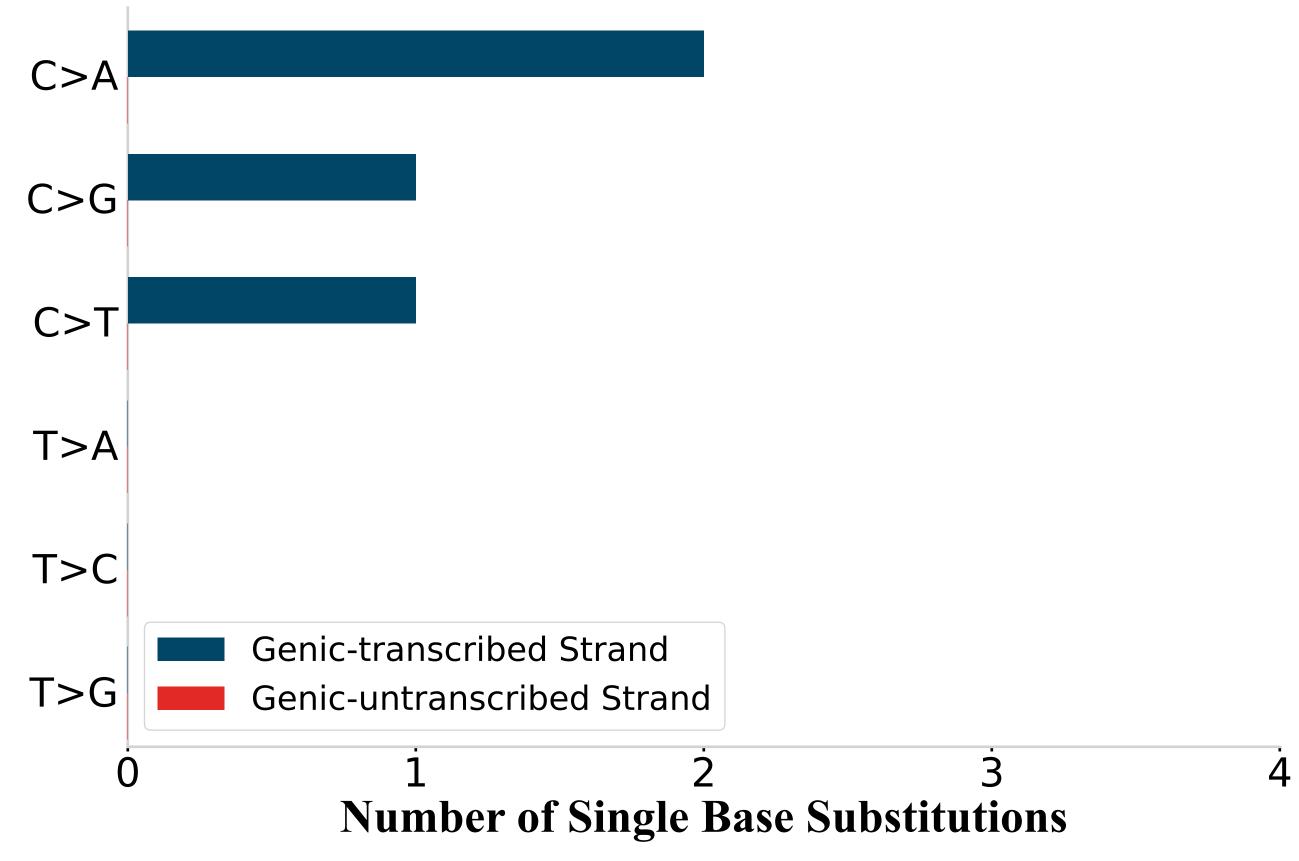
P-0047507-T01-IM6: 41 transcribed subs



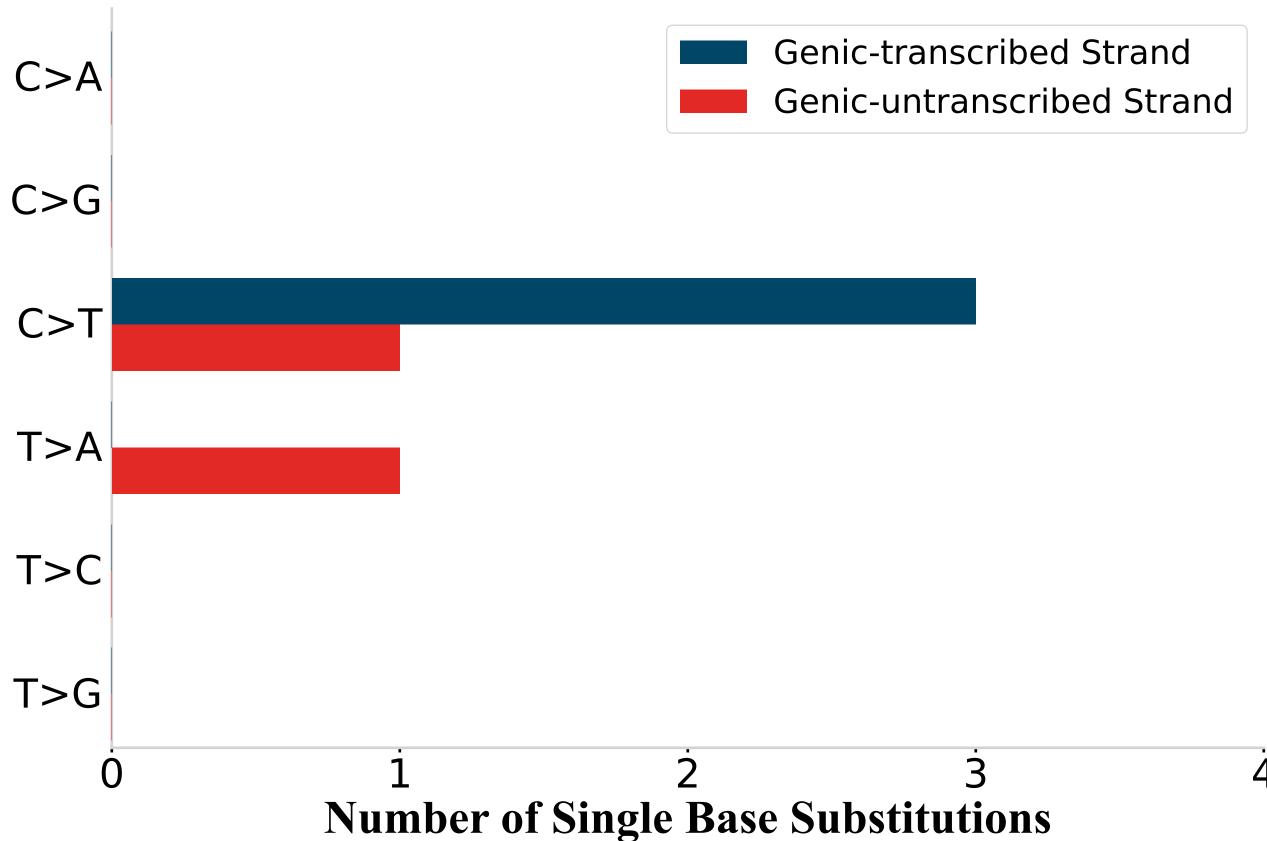
P-0047596-T01-IM6: 12 transcribed subs



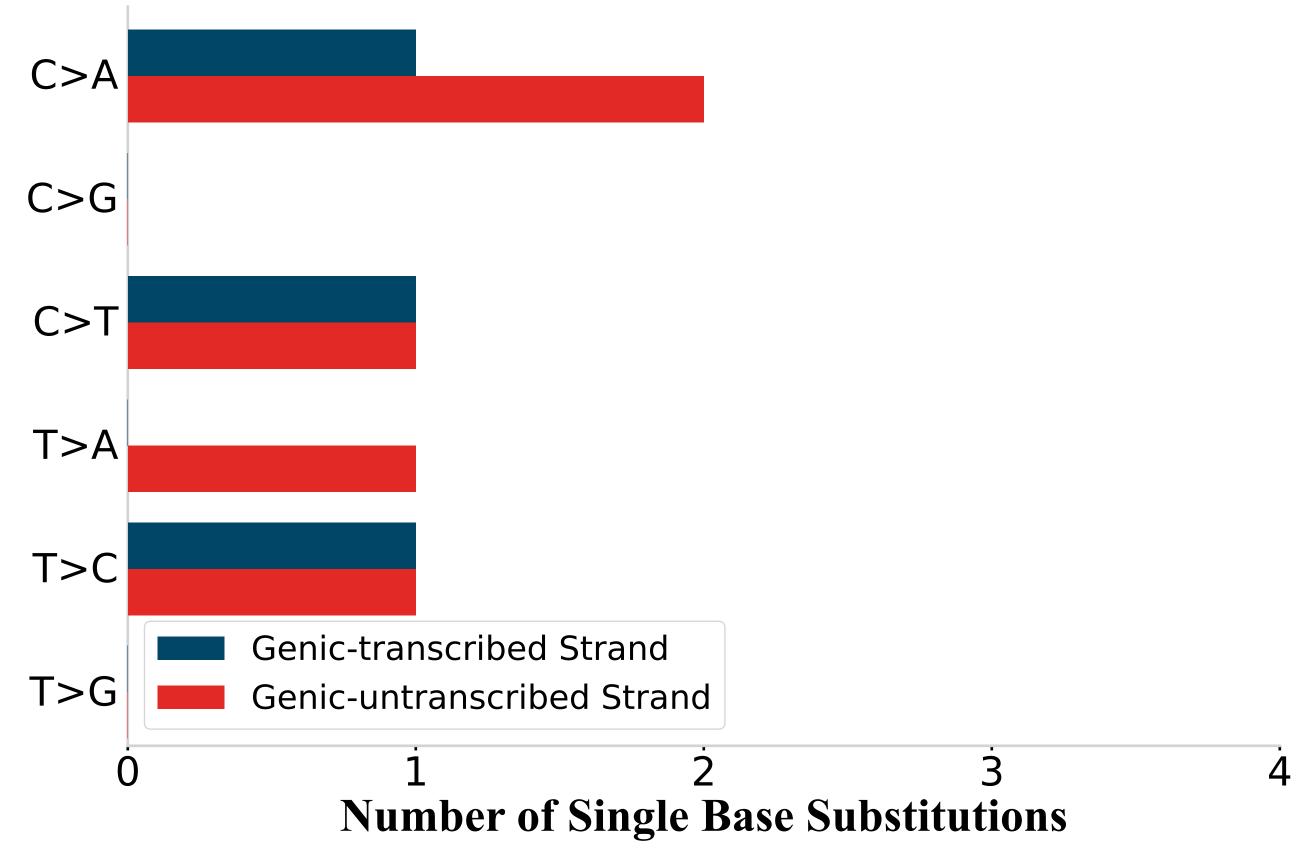
P-0047617-T01-IM6: 4 transcribed subs



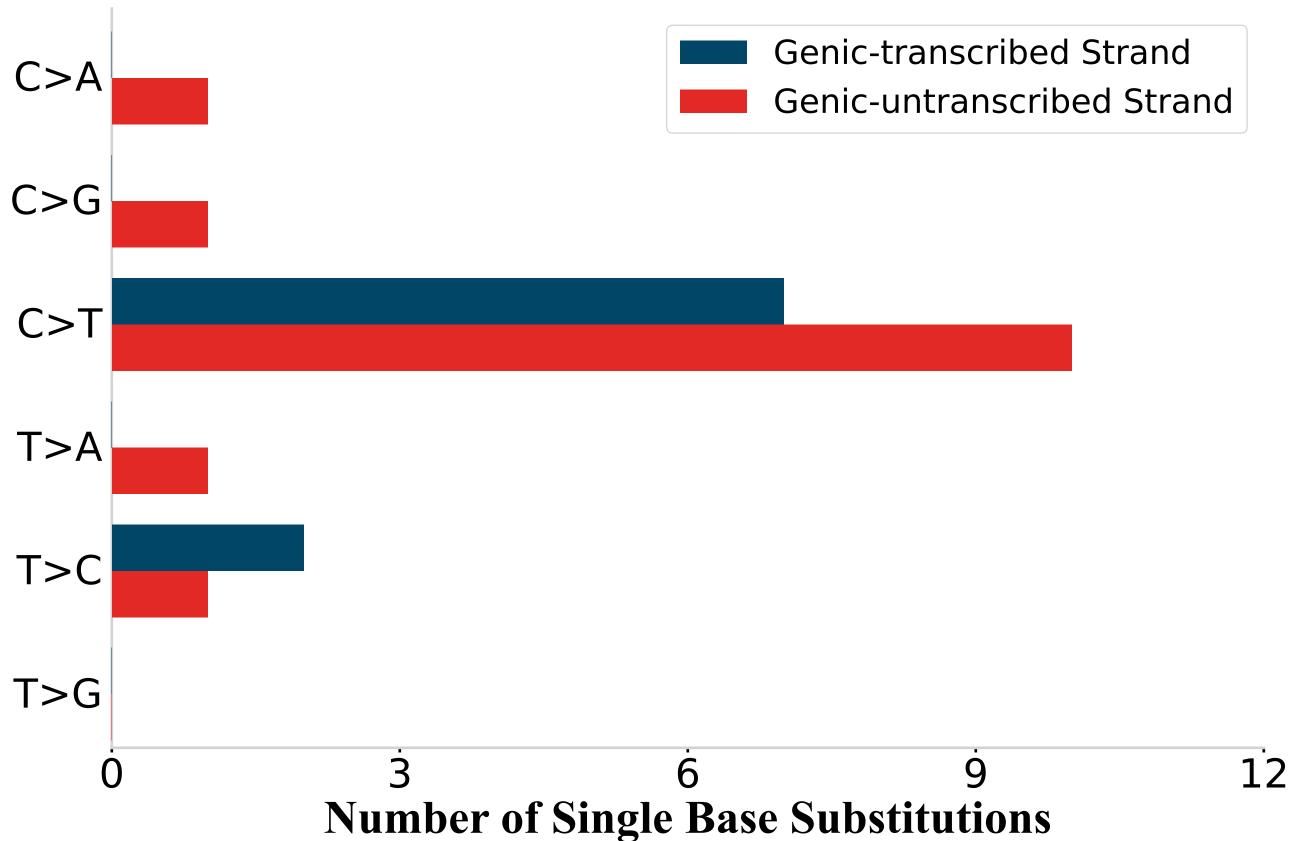
P-0047638-T01-IM6: 5 transcribed subs



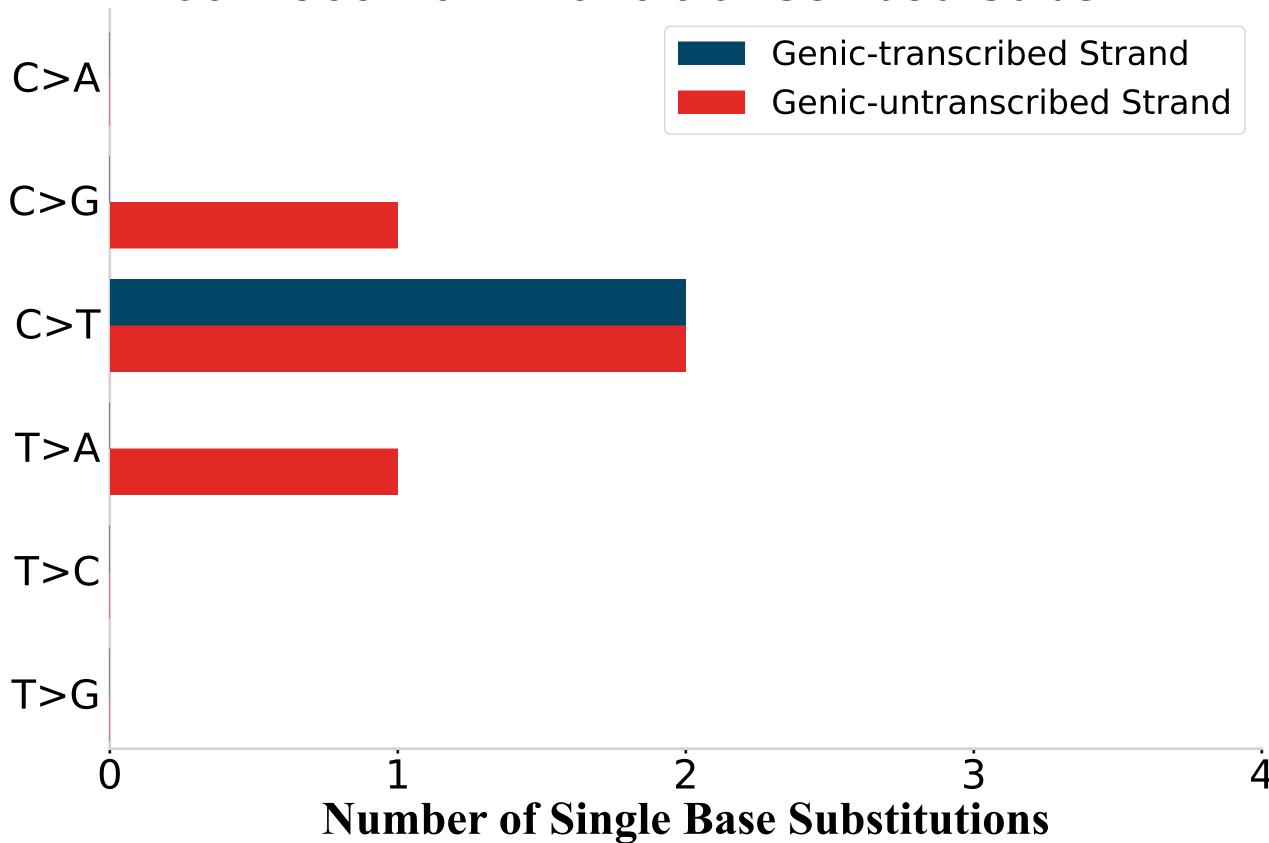
P-0047757-T01-IM6: 8 transcribed subs



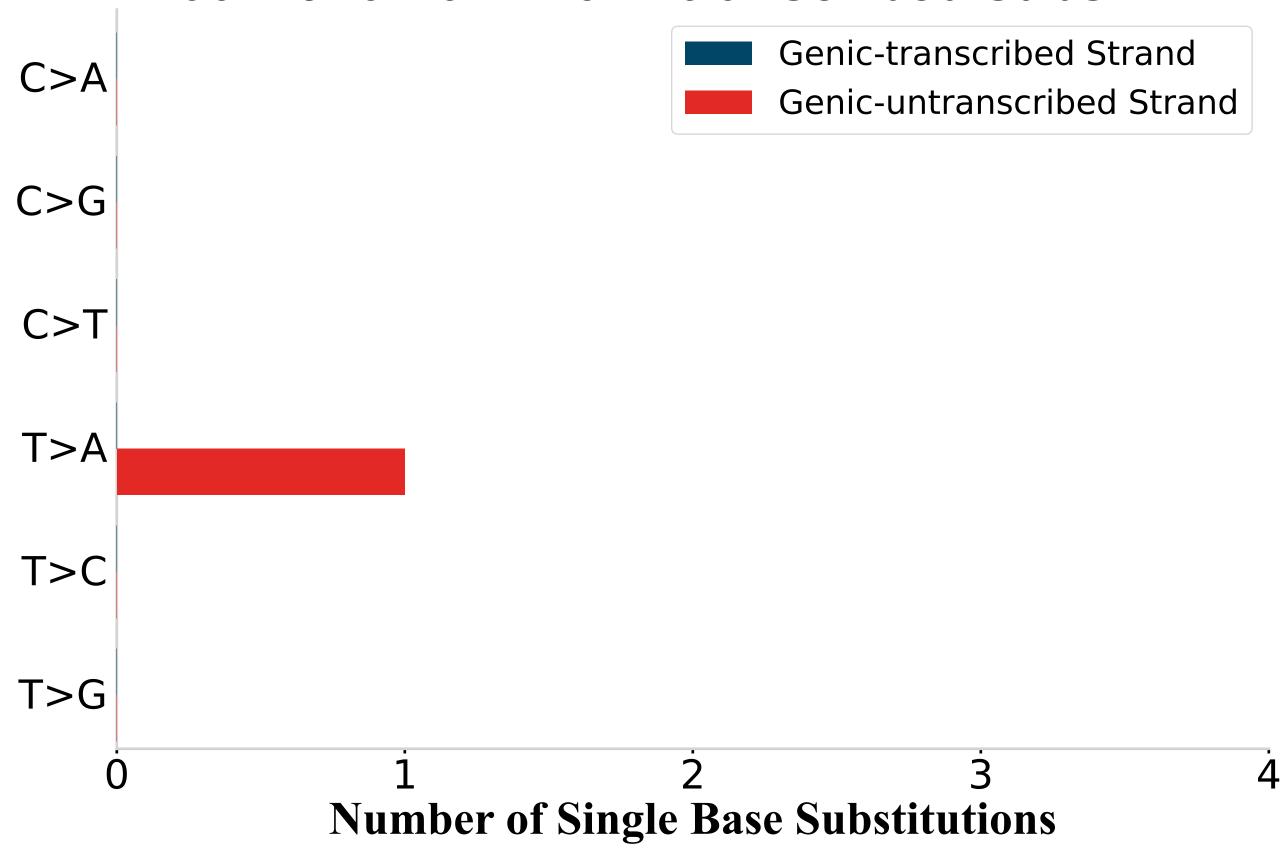
P-0047759-T01-IM6: 23 transcribed subs



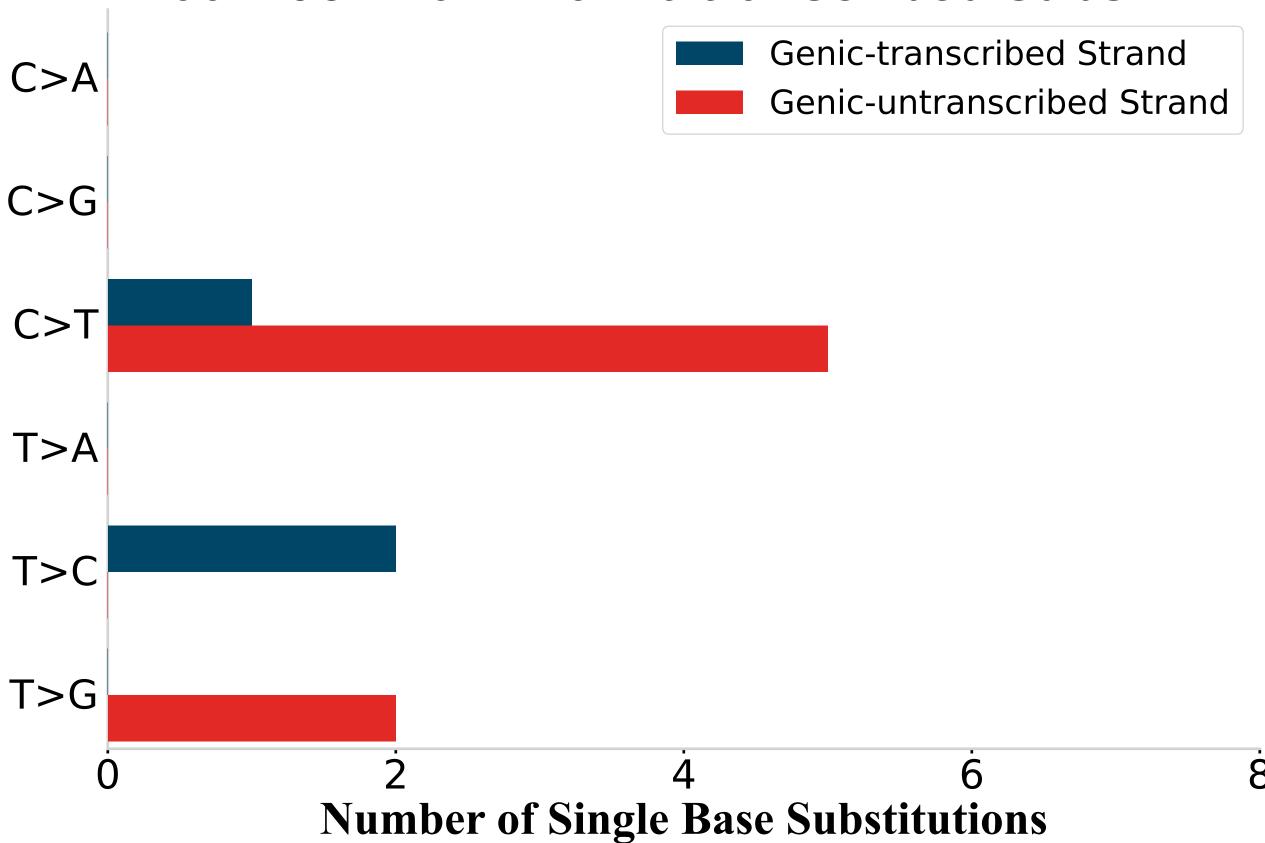
P-0047965-T01-IM6: 6 transcribed subs



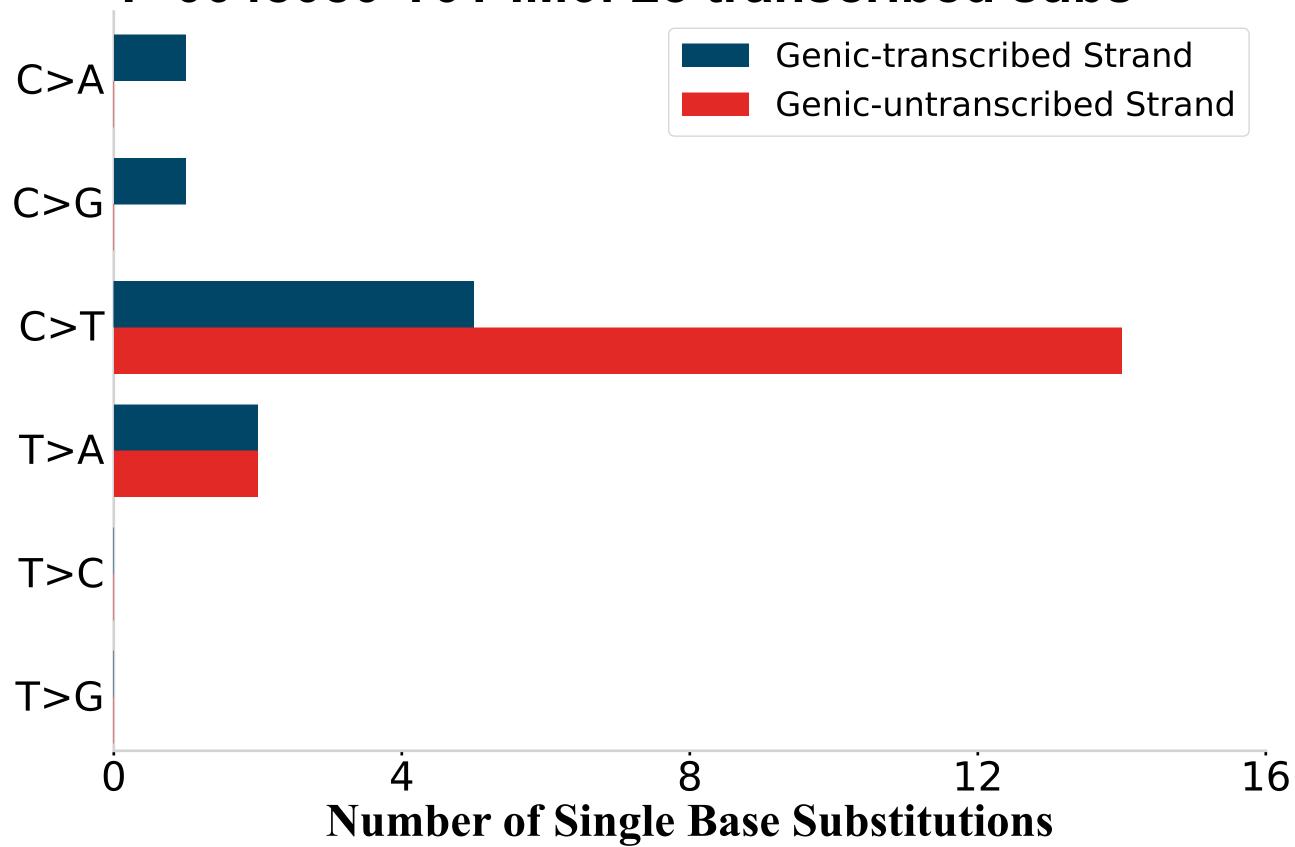
P-0047976-T01-IM6: 1 transcribed subs



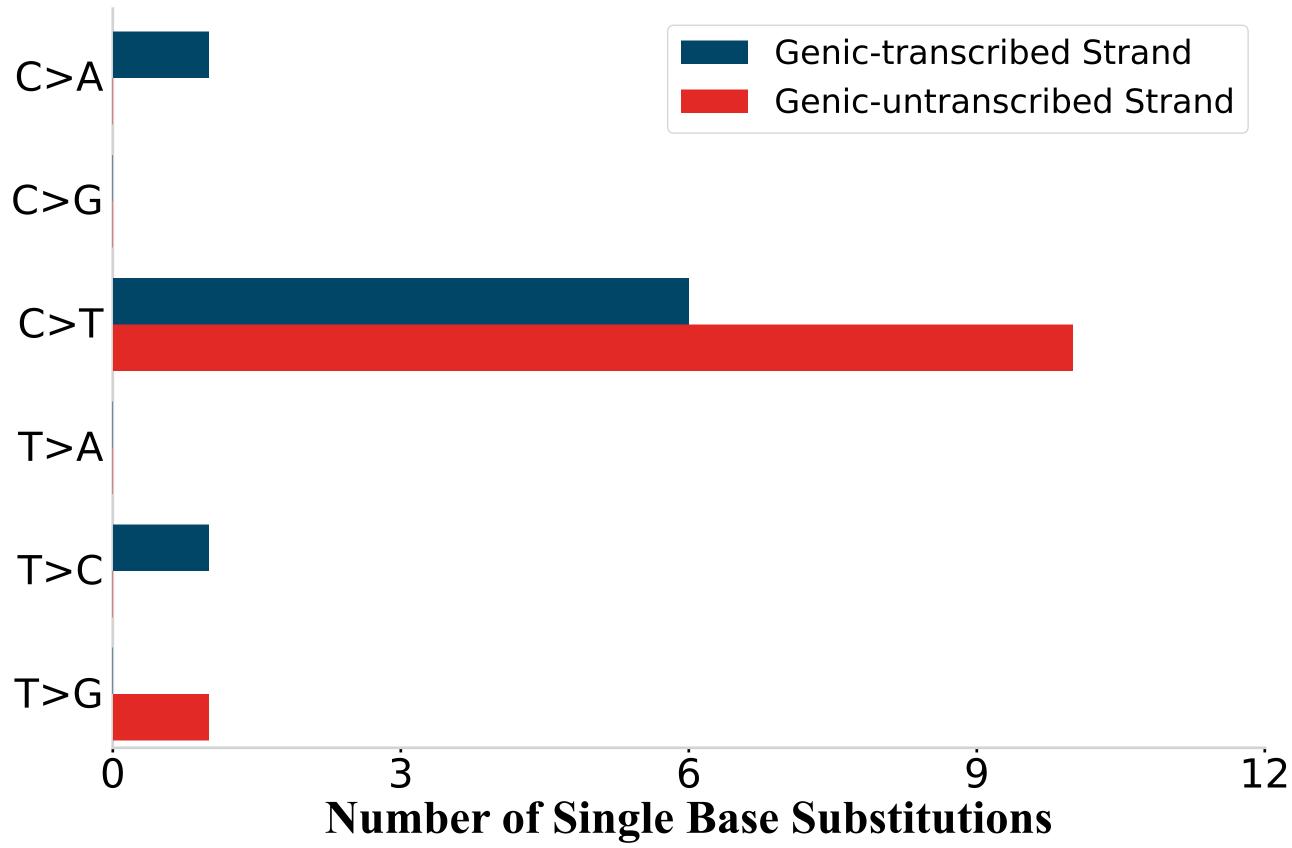
P-0047981-T01-IM6: 10 transcribed subs



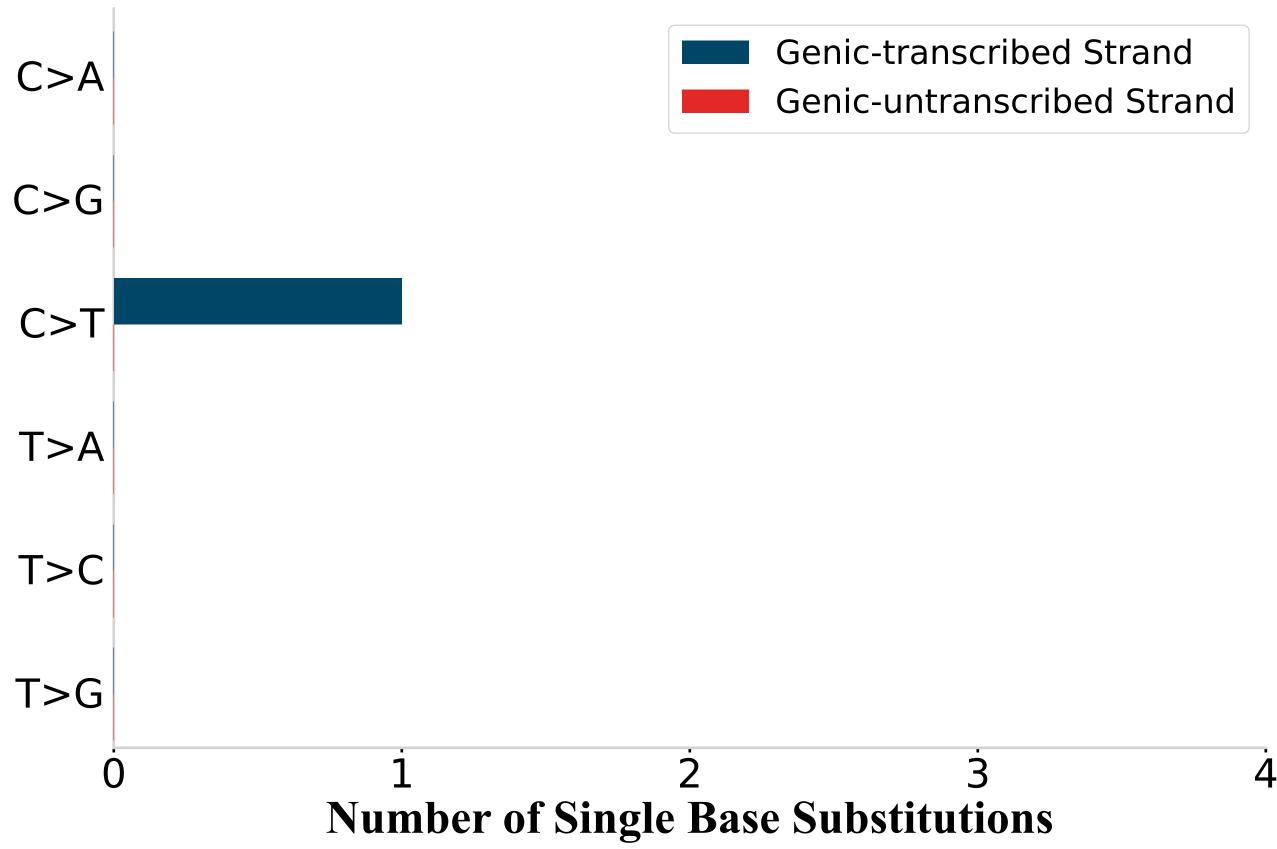
P-0048080-T01-IM6: 25 transcribed subs



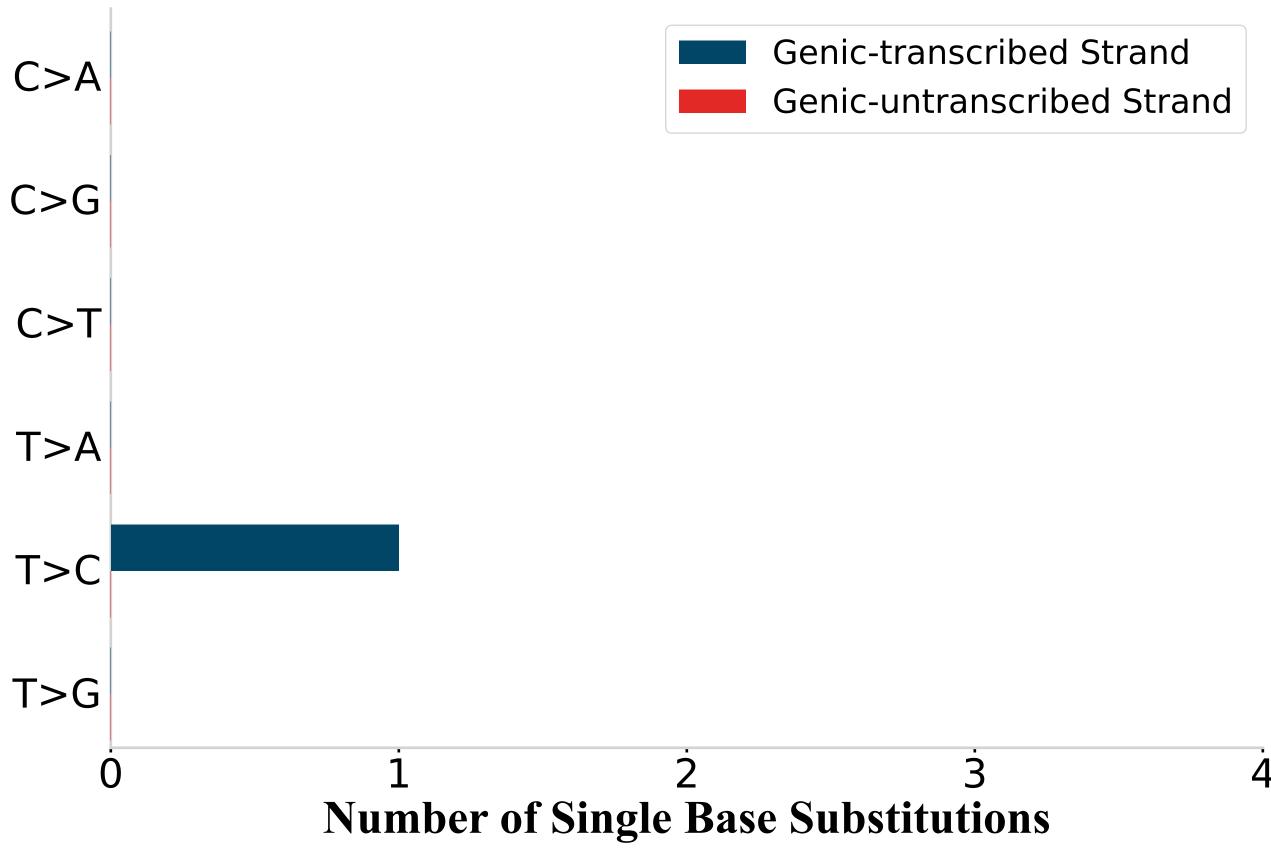
P-0048111-T01-IM6: 19 transcribed subs



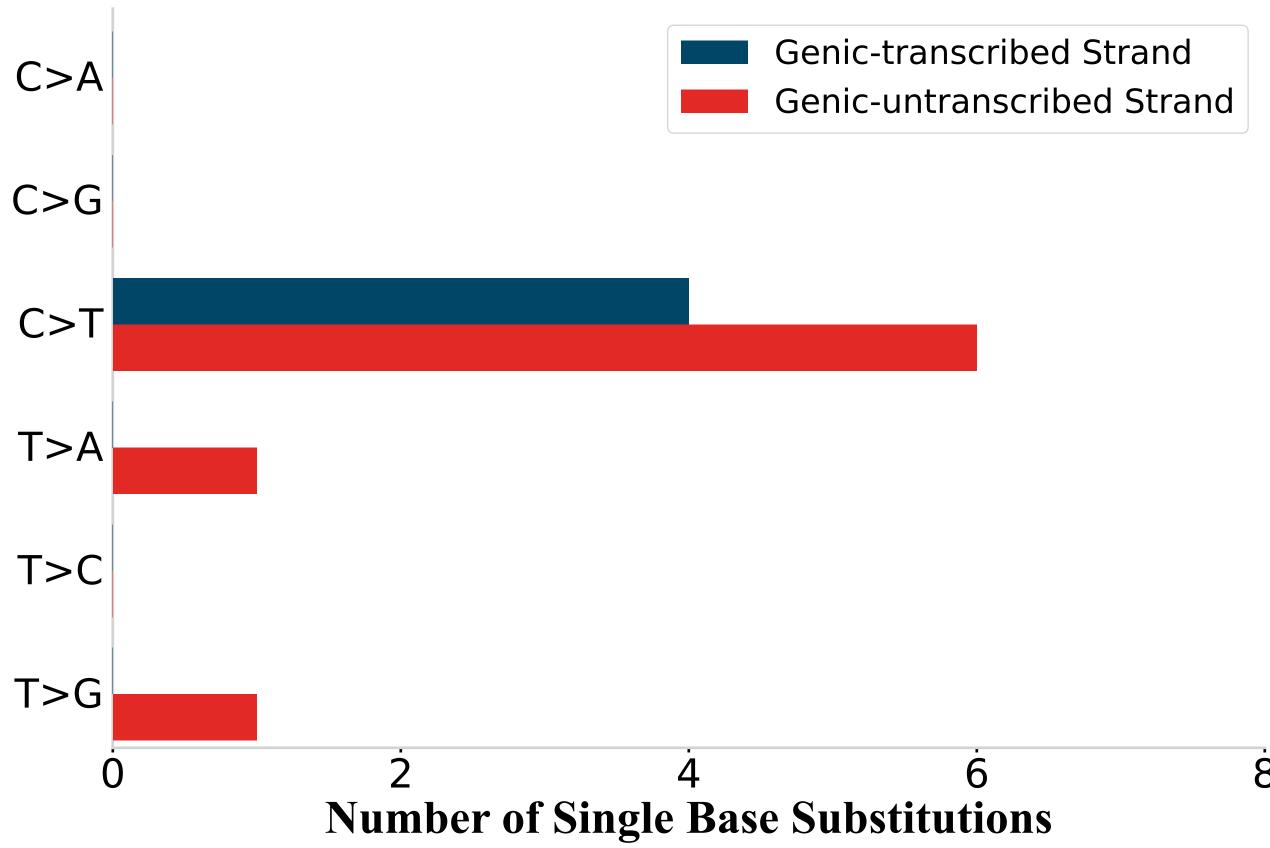
P-0048144-T01-IM6: 1 transcribed subs



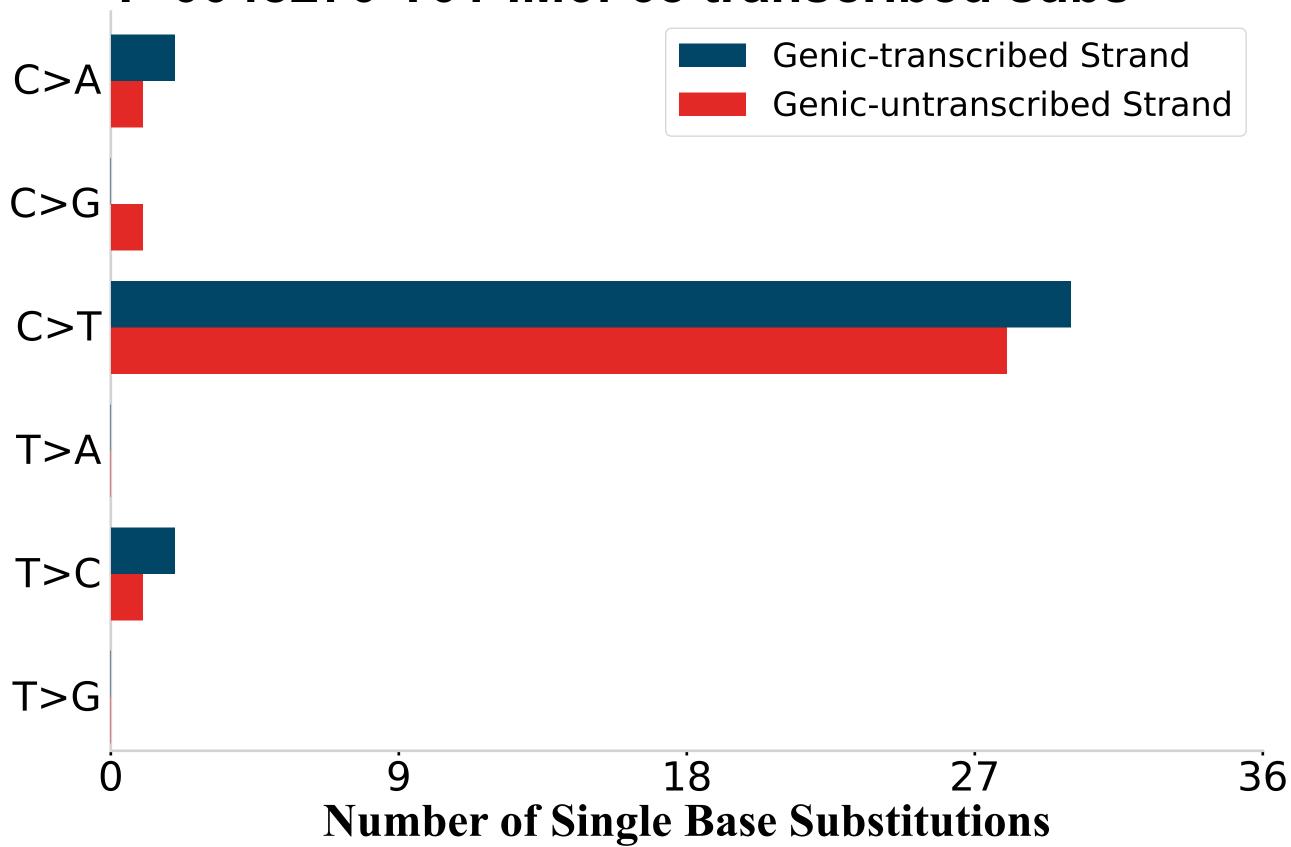
P-0048253-T01-IM6: 1 transcribed subs



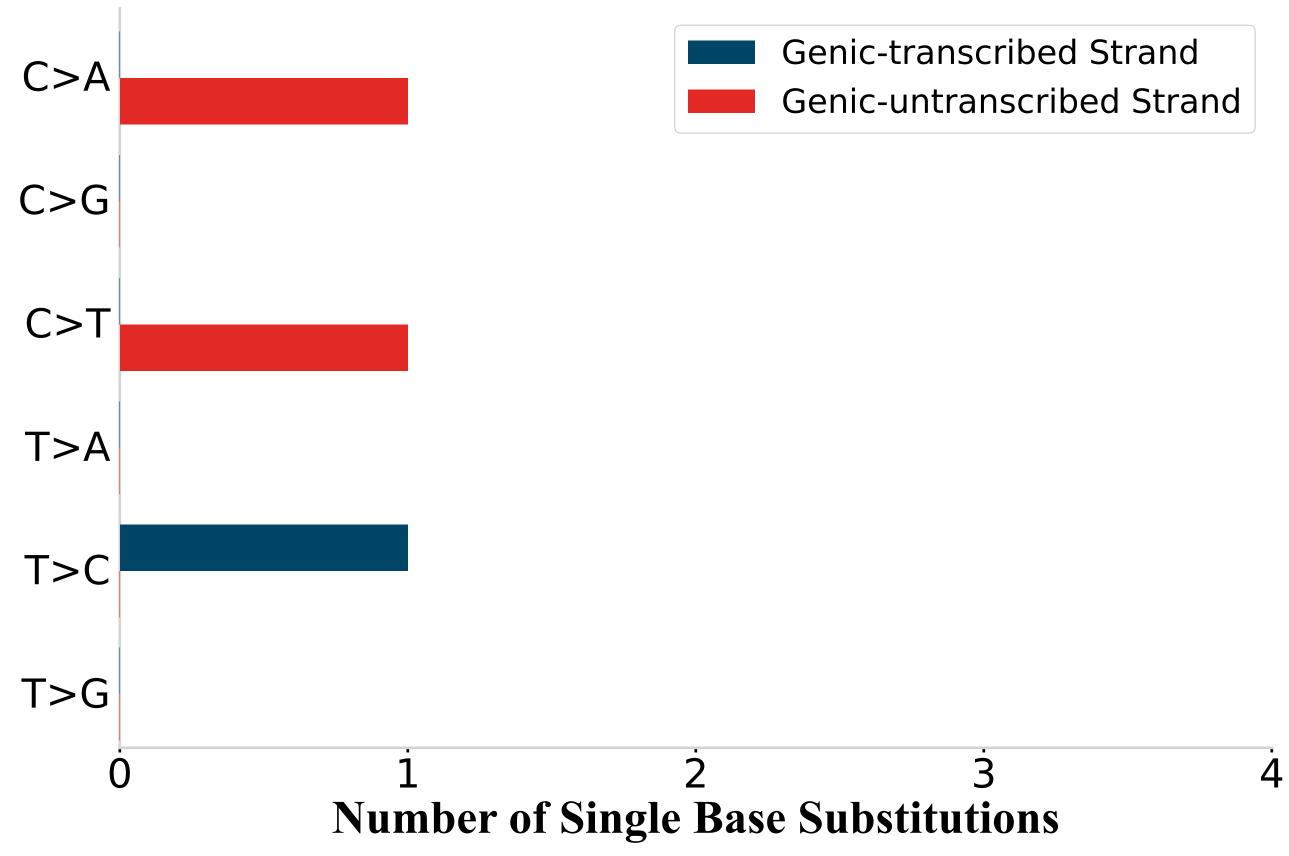
P-0048261-T01-IM6: 12 transcribed subs



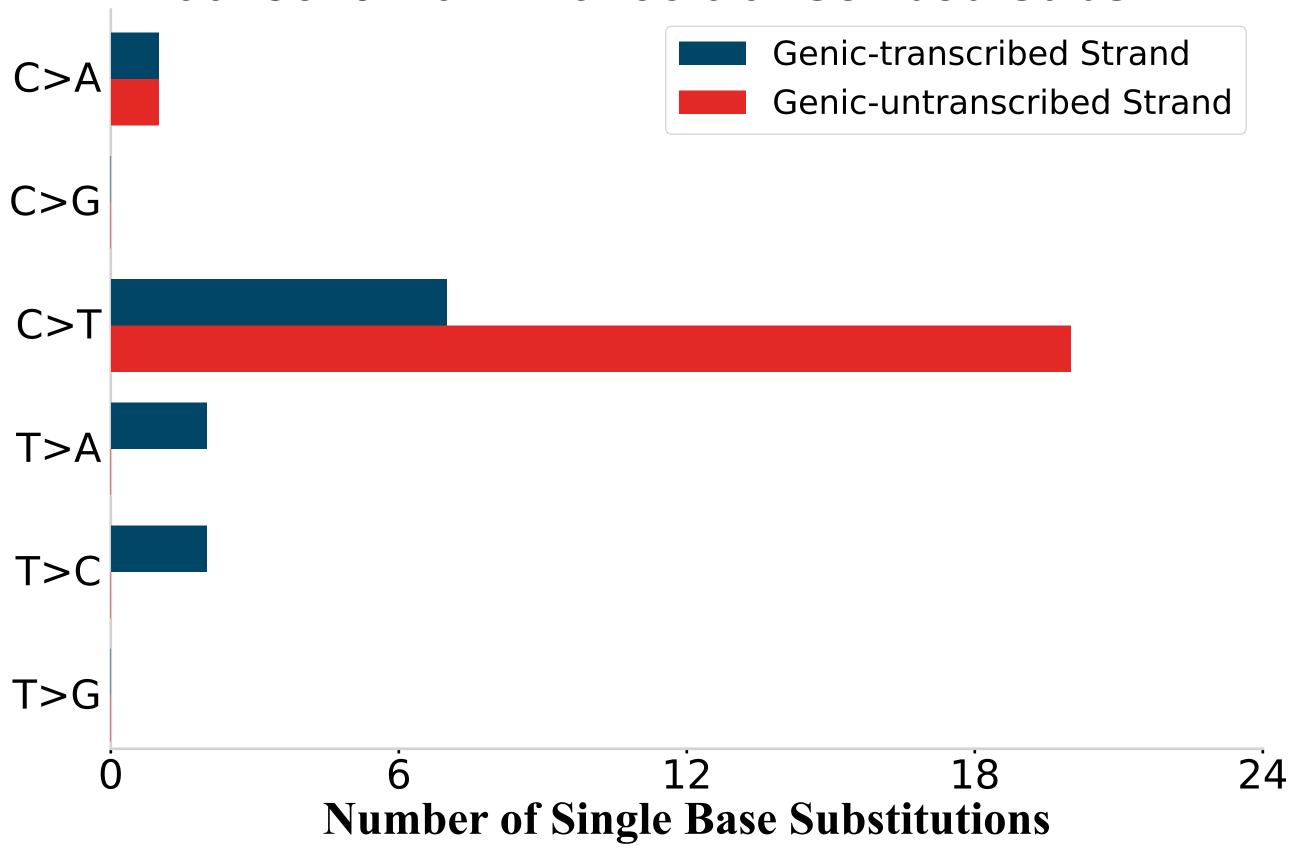
P-0048270-T01-IM6: 65 transcribed subs



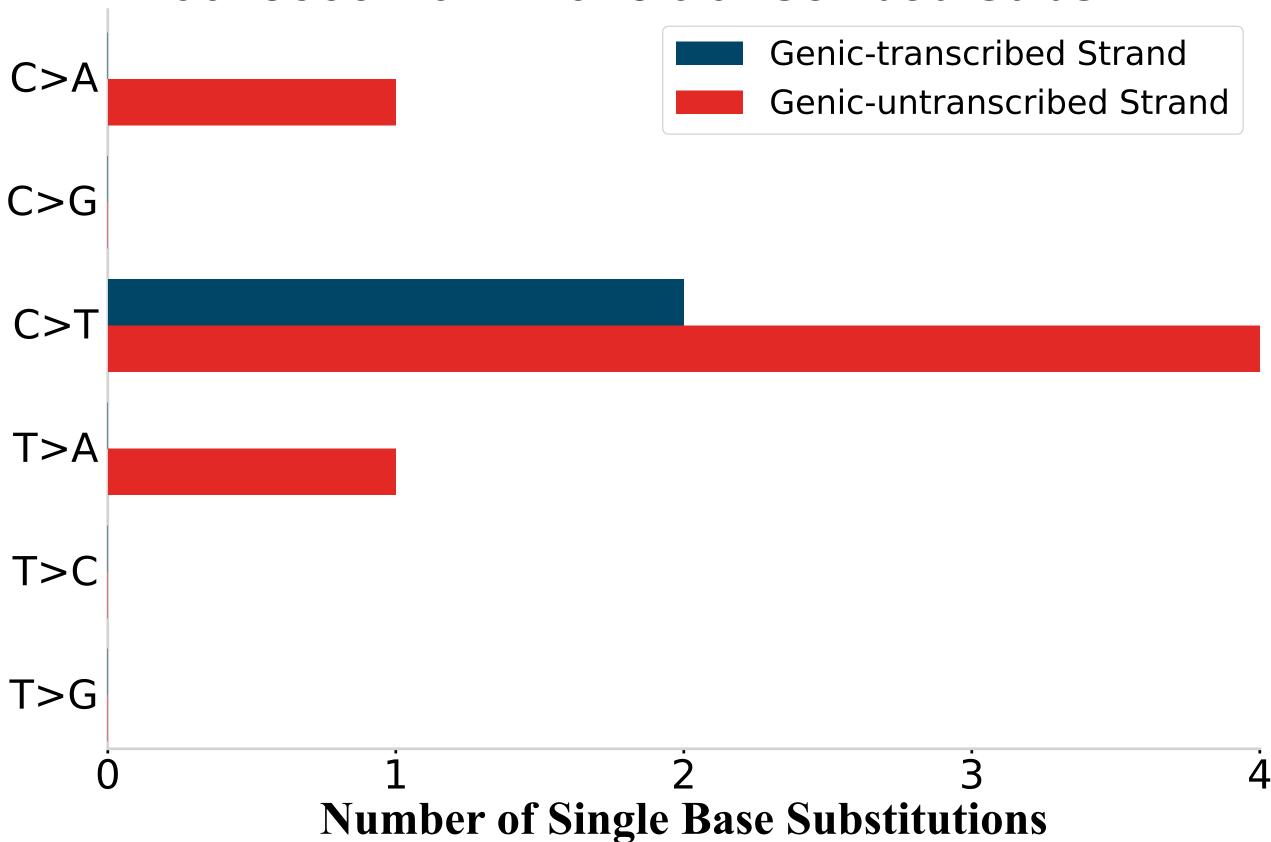
P-0048296-T01-IM6: 3 transcribed subs



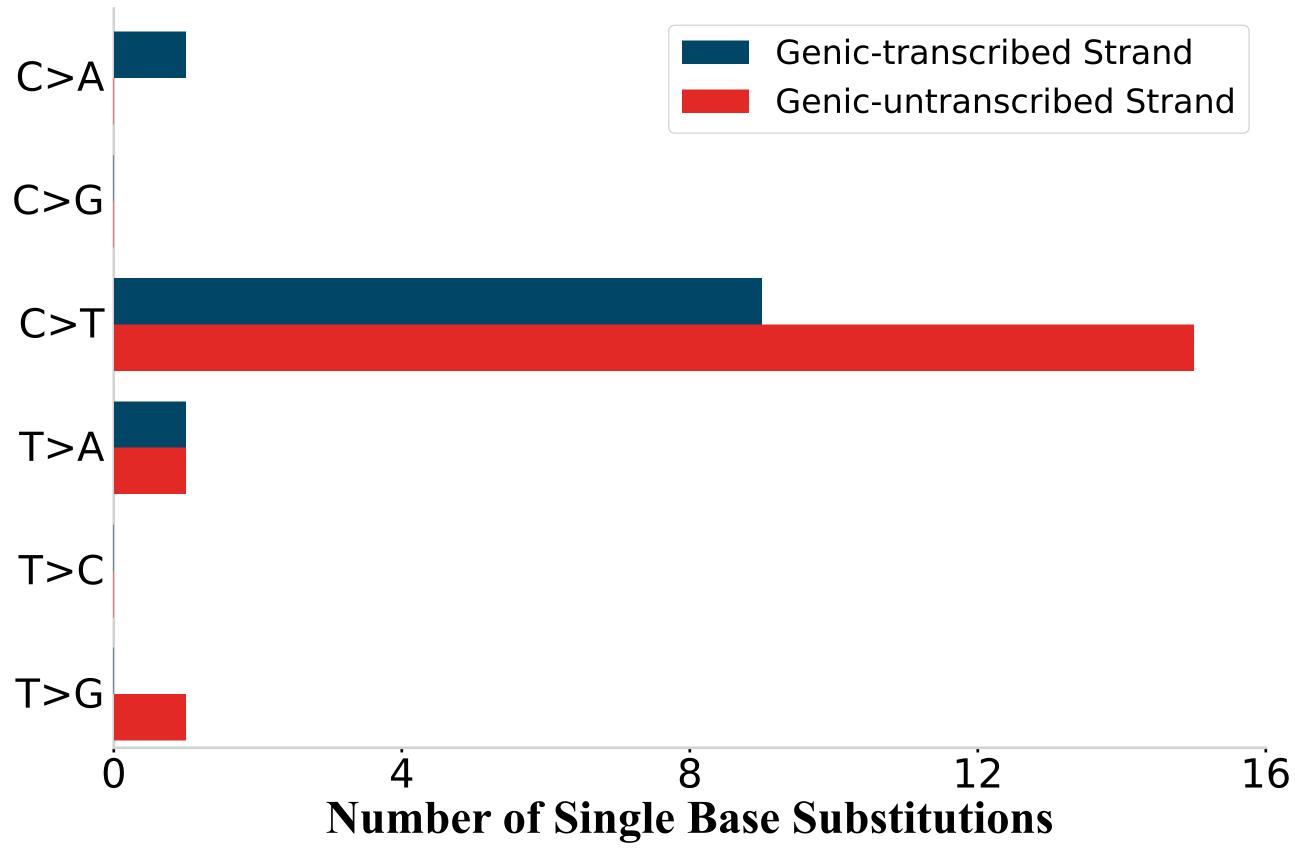
P-0048549-T01-IM6: 33 transcribed subs



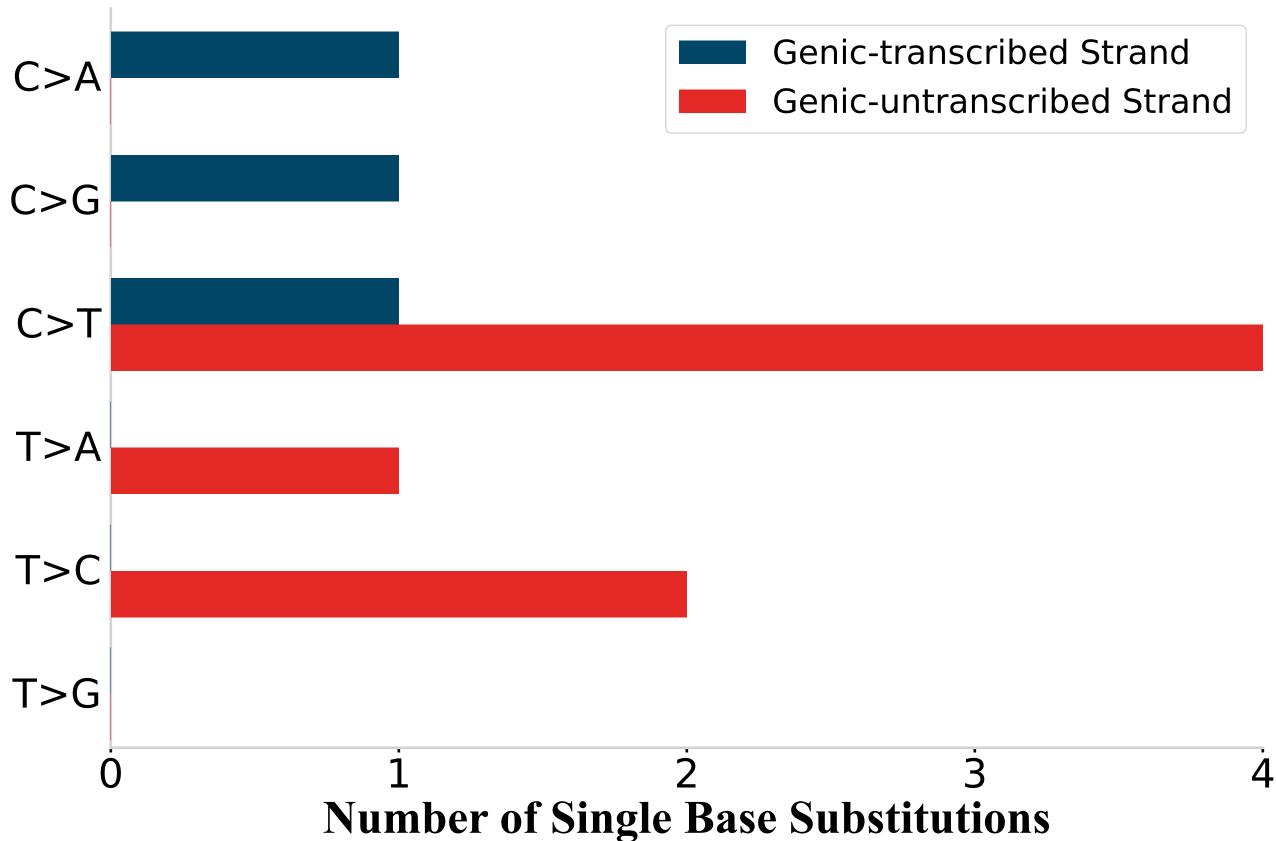
P-0048555-T01-IM6: 8 transcribed subs



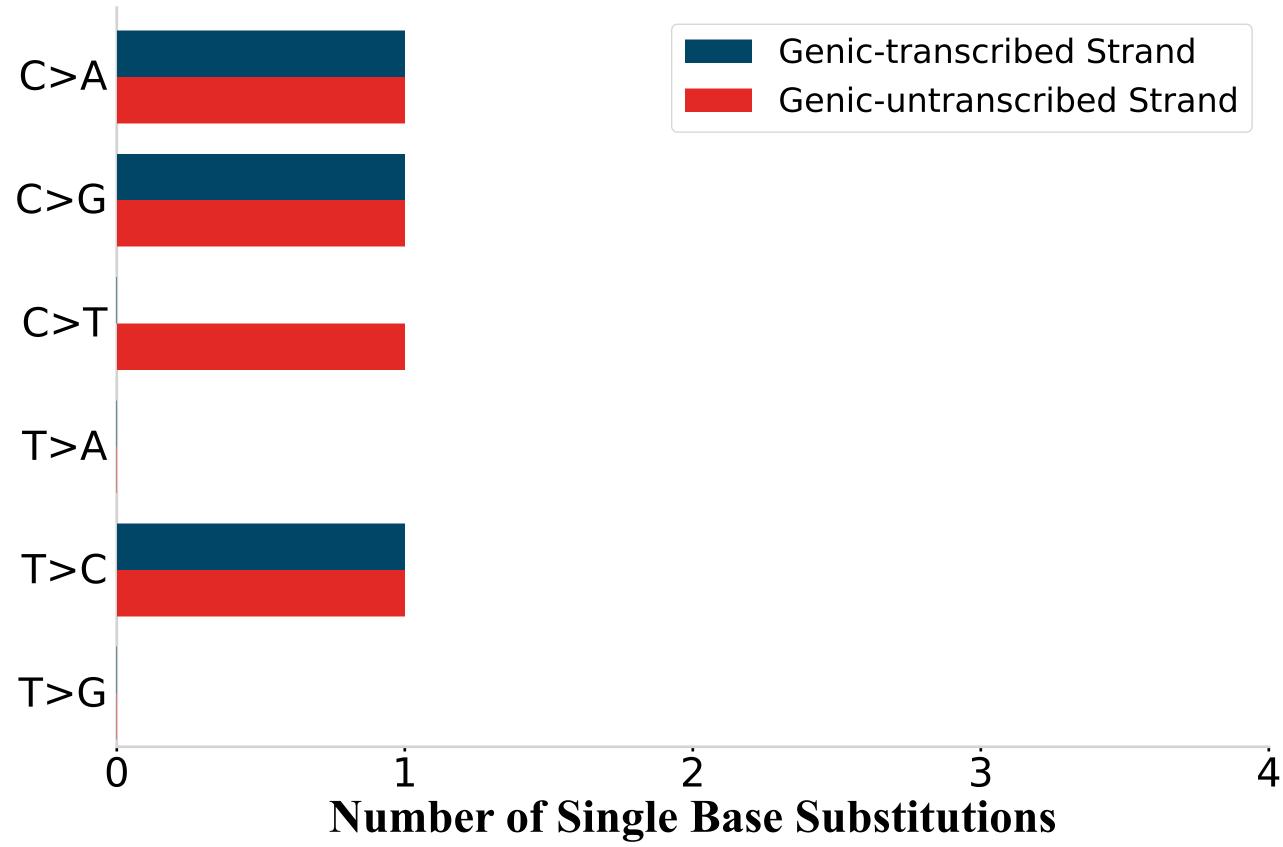
P-0048585-T03-IM6: 28 transcribed subs



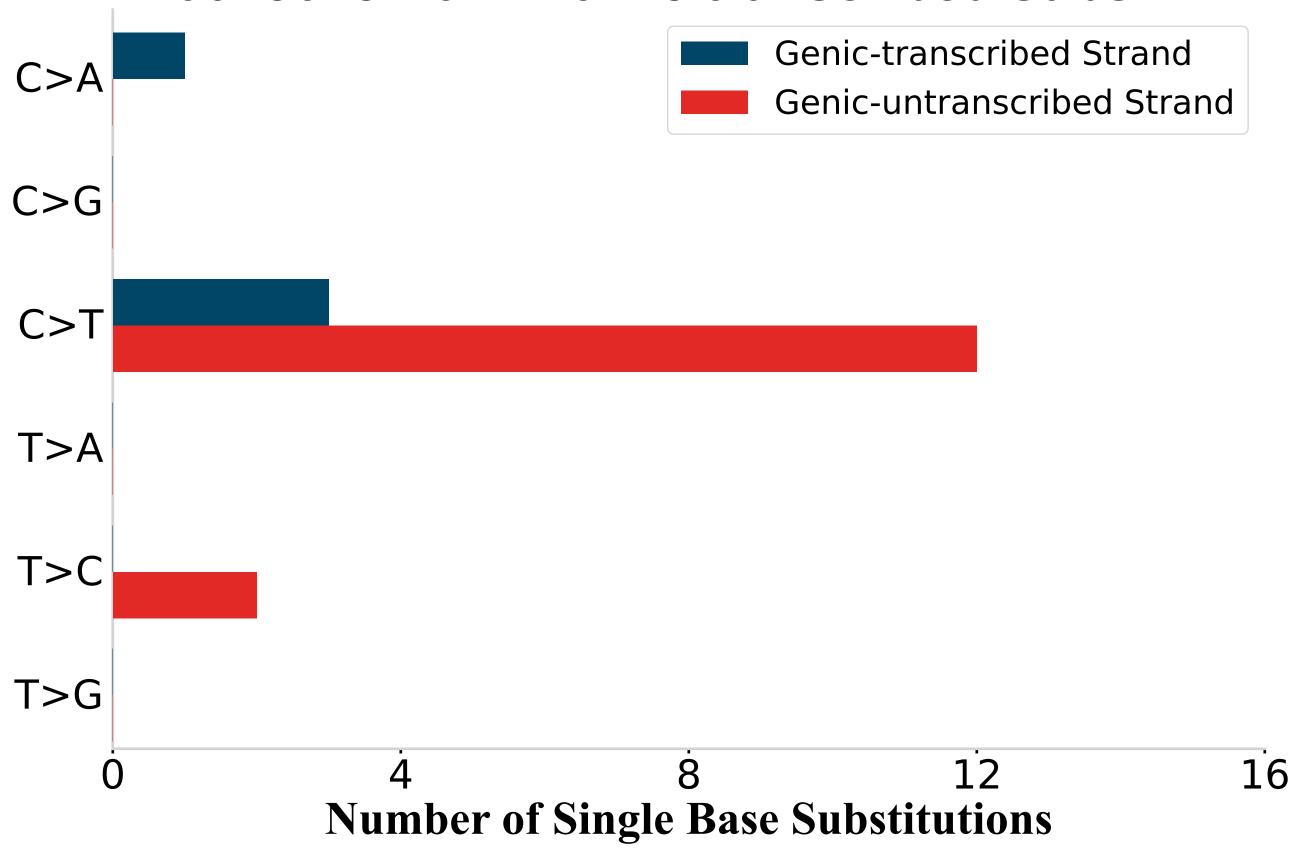
P-0048592-T01-IM6: 10 transcribed subs



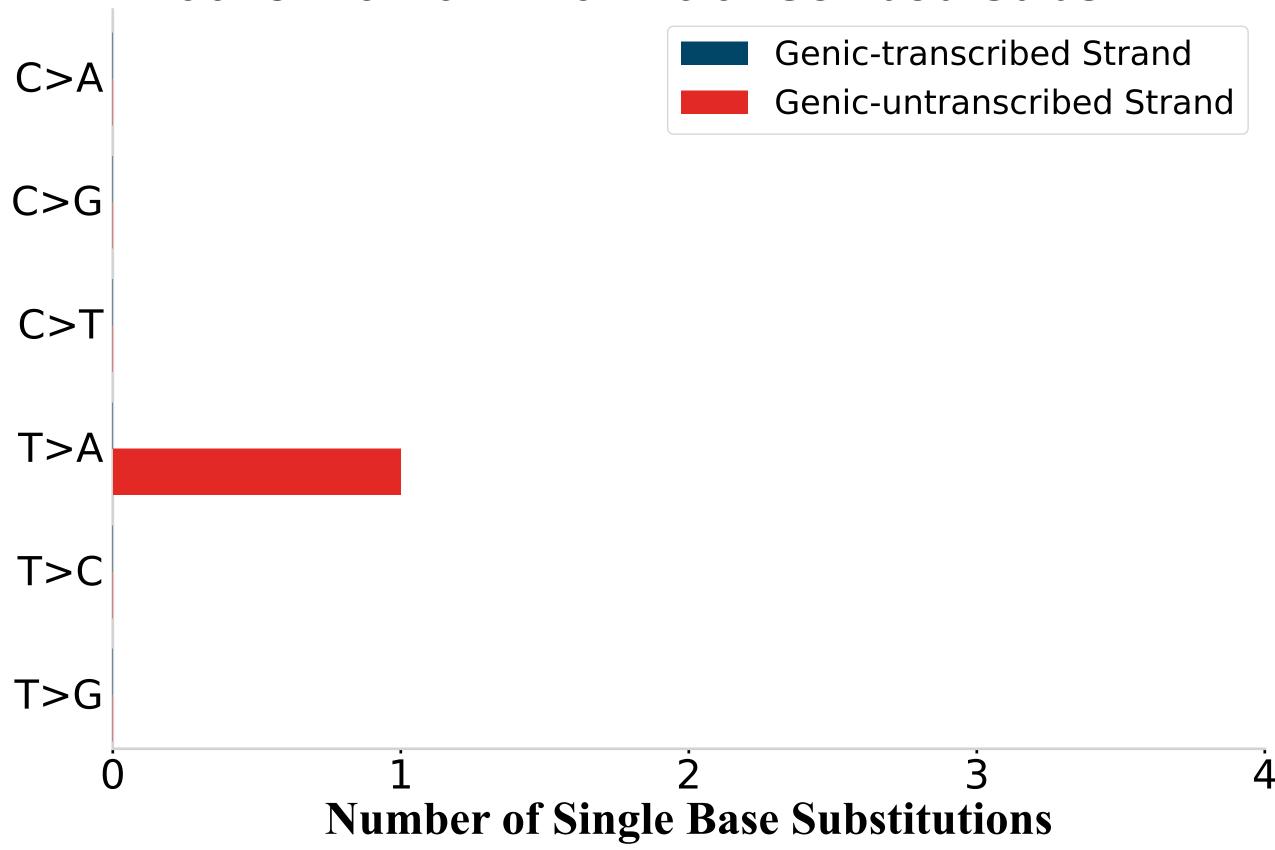
P-0048603-T01-IM6: 7 transcribed subs



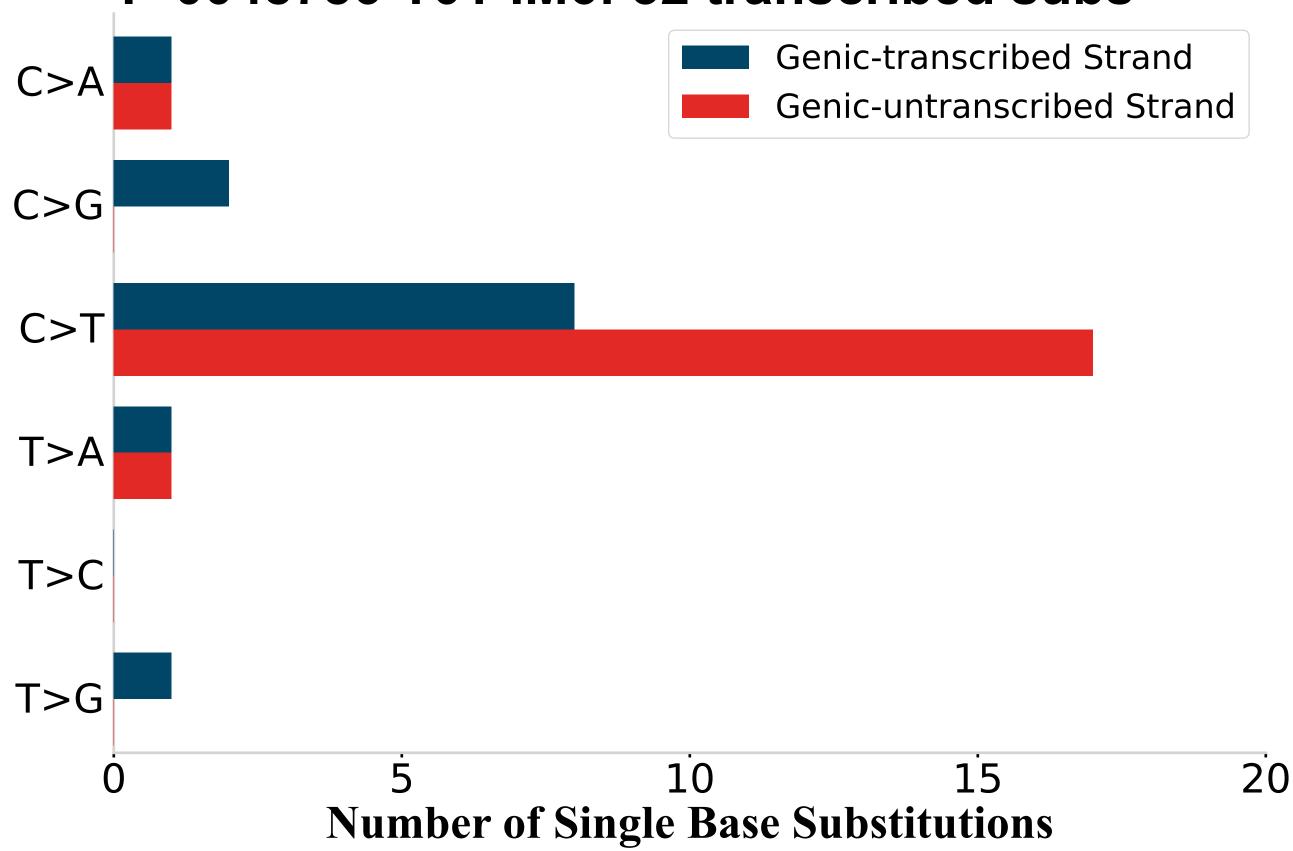
P-0048628-T01-IM6: 18 transcribed subs



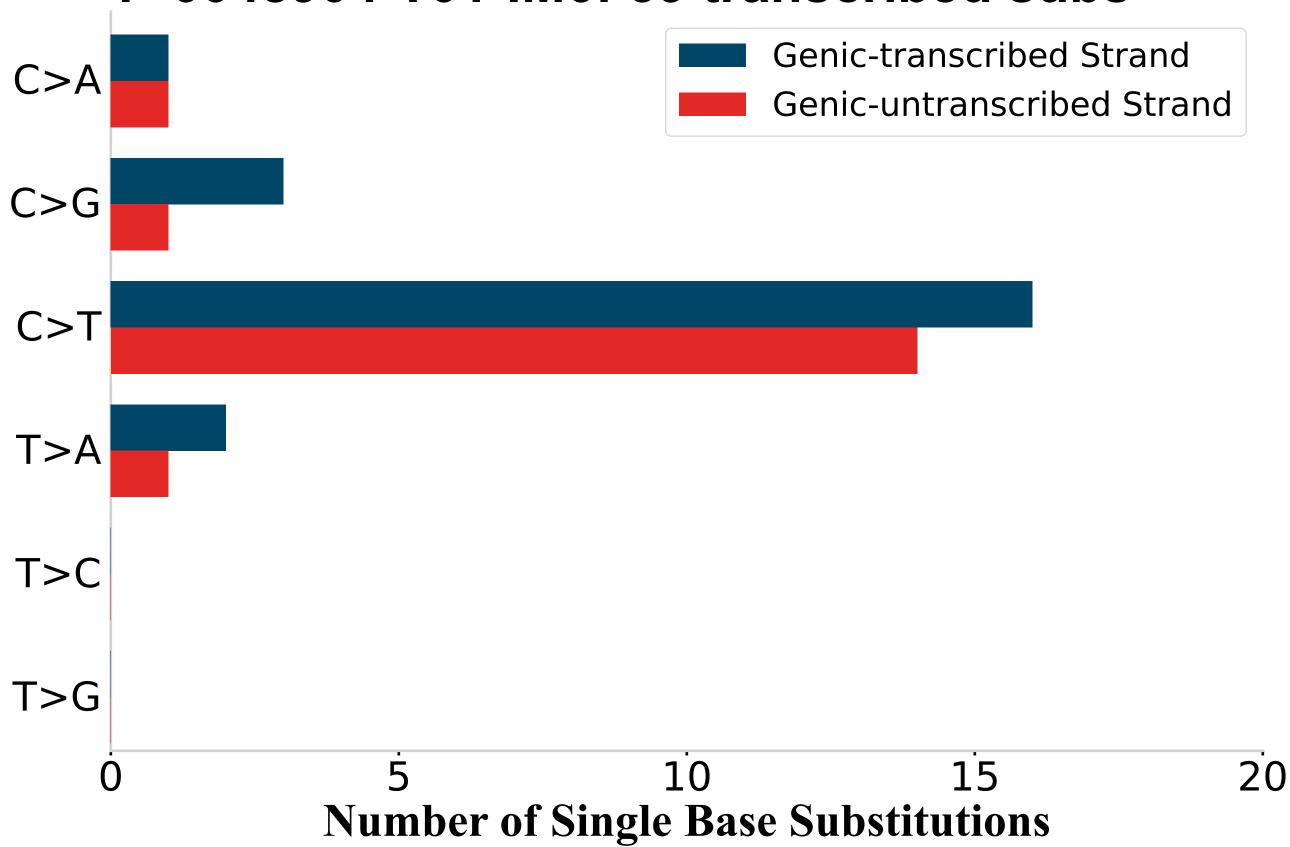
P-0048726-T01-IM6: 1 transcribed subs



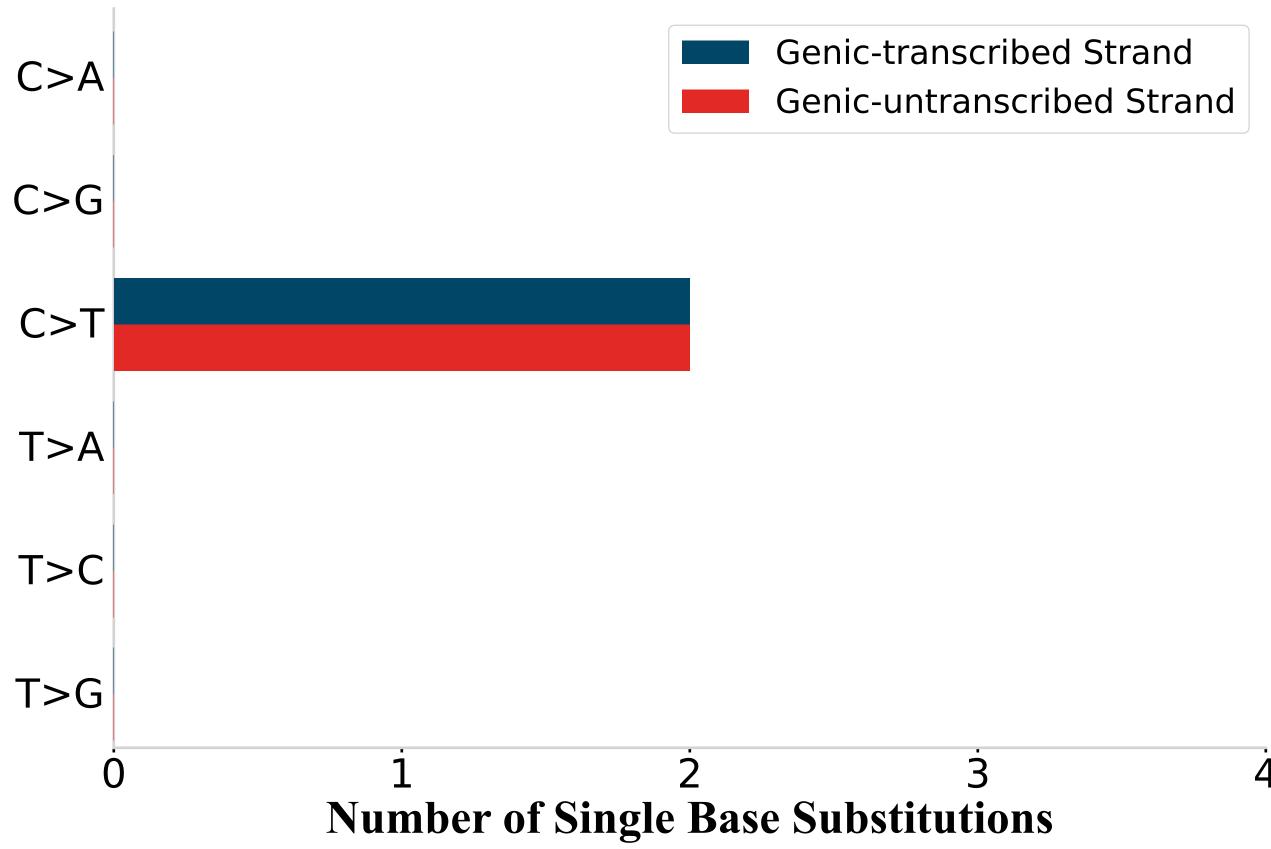
P-0048786-T01-IM6: 32 transcribed subs



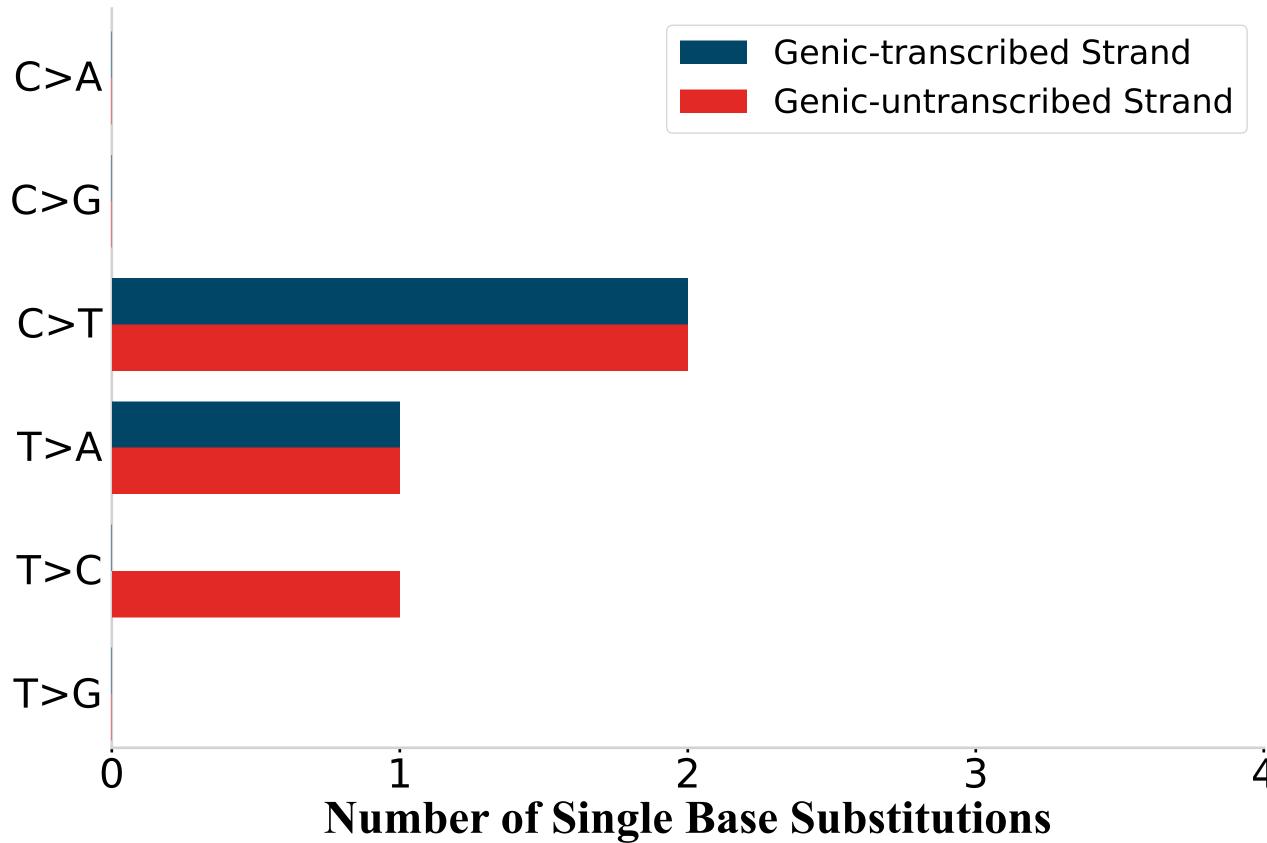
P-0048904-T01-IM6: 39 transcribed subs



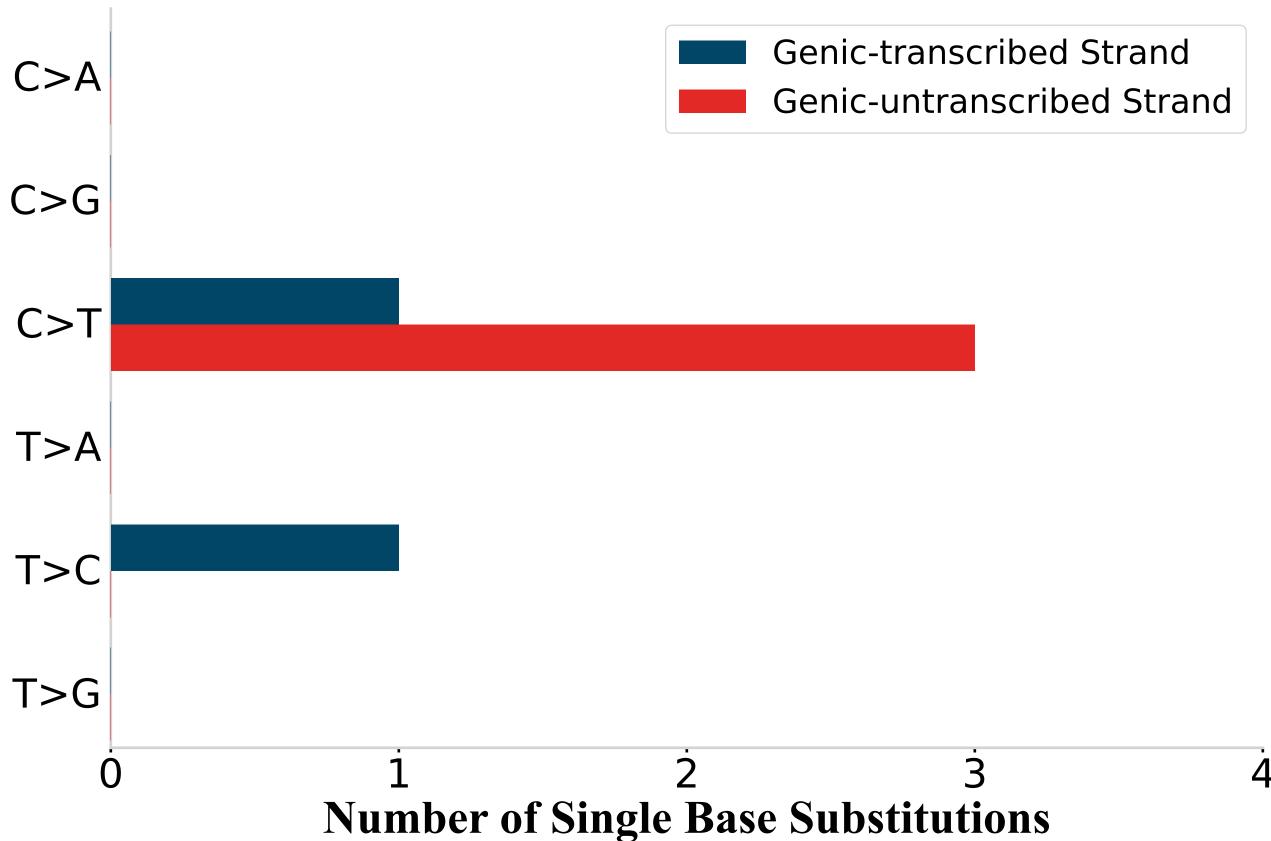
P-0048926-T01-IM6: 4 transcribed subs



P-0049007-T01-IM6: 7 transcribed subs

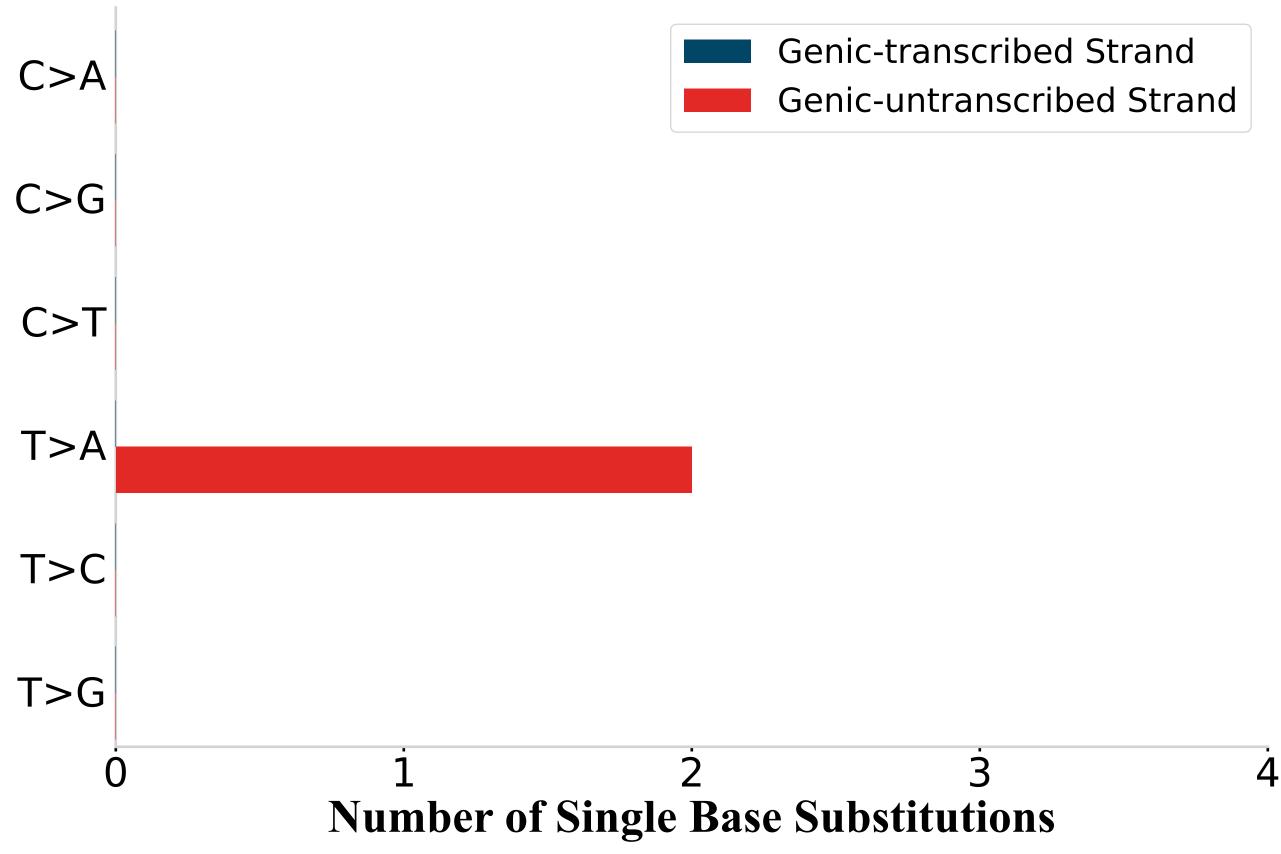


P-0049096-T01-IM6: 5 transcribed subs

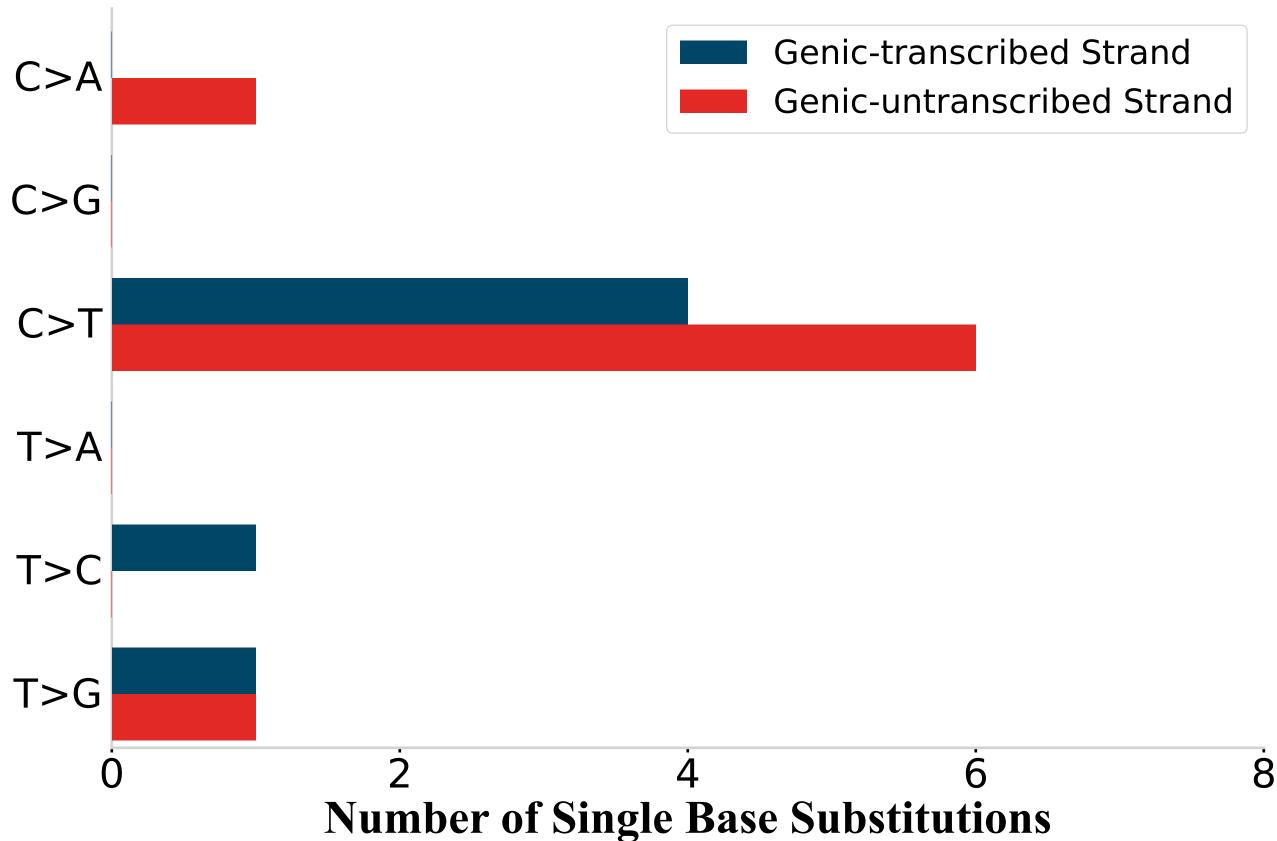


P-0049320-T01-IM6: 105 transcribed subs Genic-transcribed Strand C>A Genic-untranscribed Strand C>T T>AT>C T>G 32 16 48 64 **Number of Single Base Substitutions**

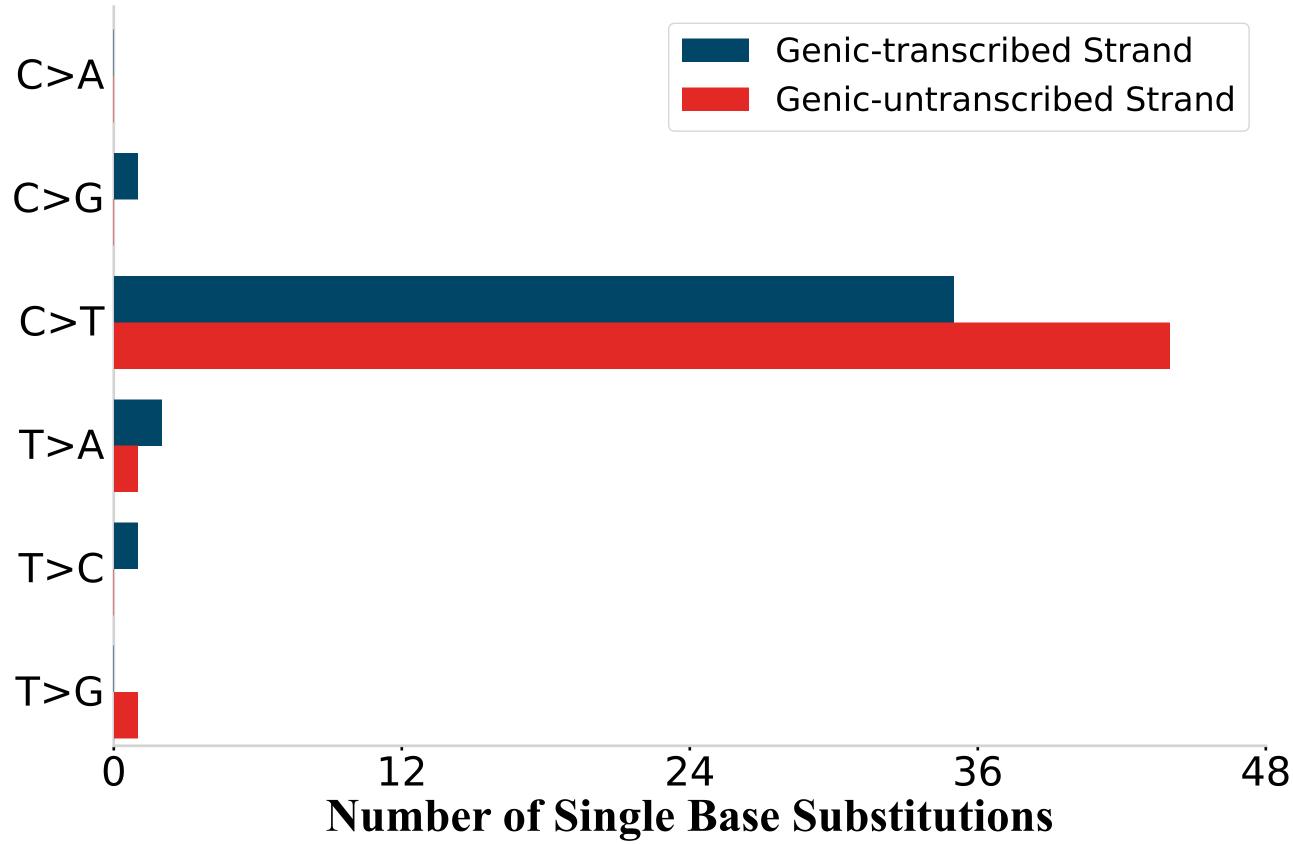
P-0049391-T01-IM6: 2 transcribed subs



P-0049457-T01-IM6: 14 transcribed subs

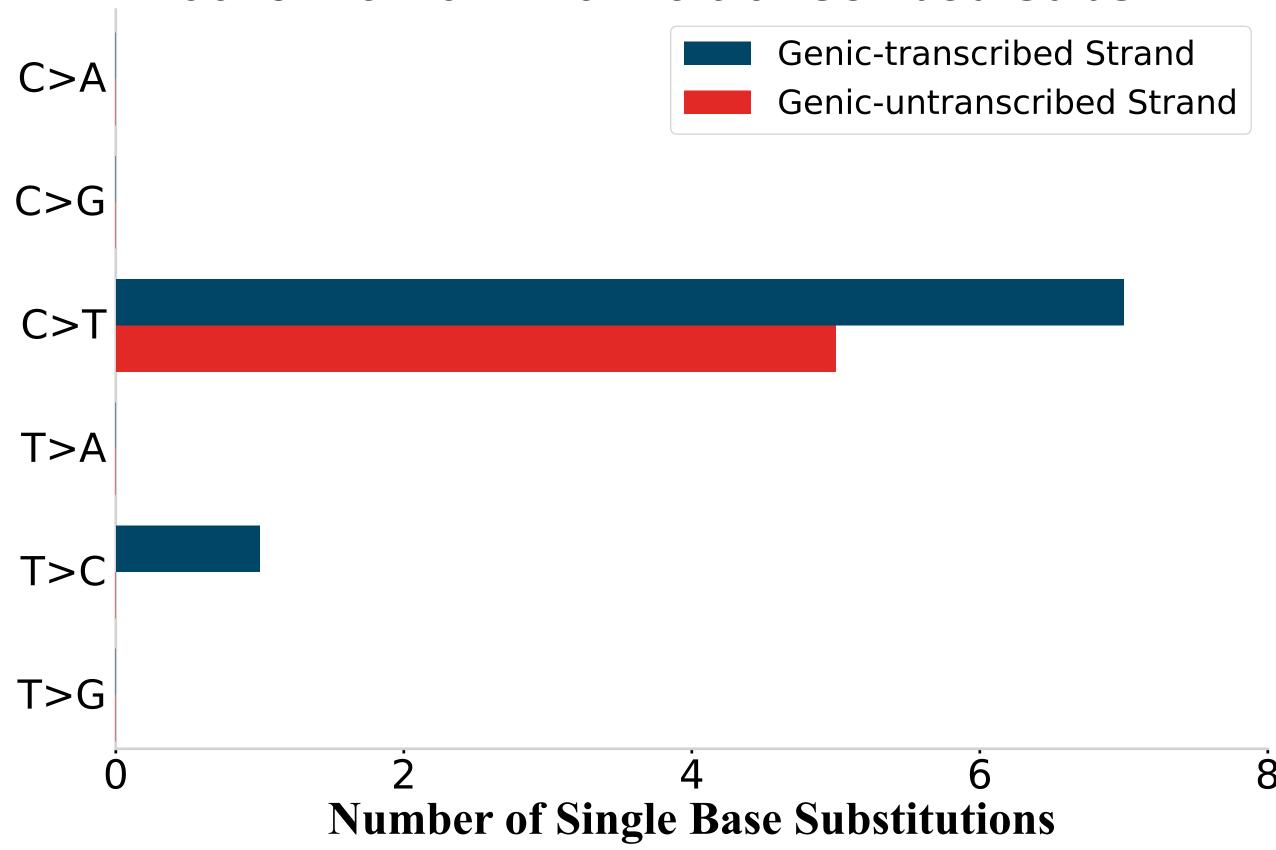


P-0049573-T01-IM6: 85 transcribed subs

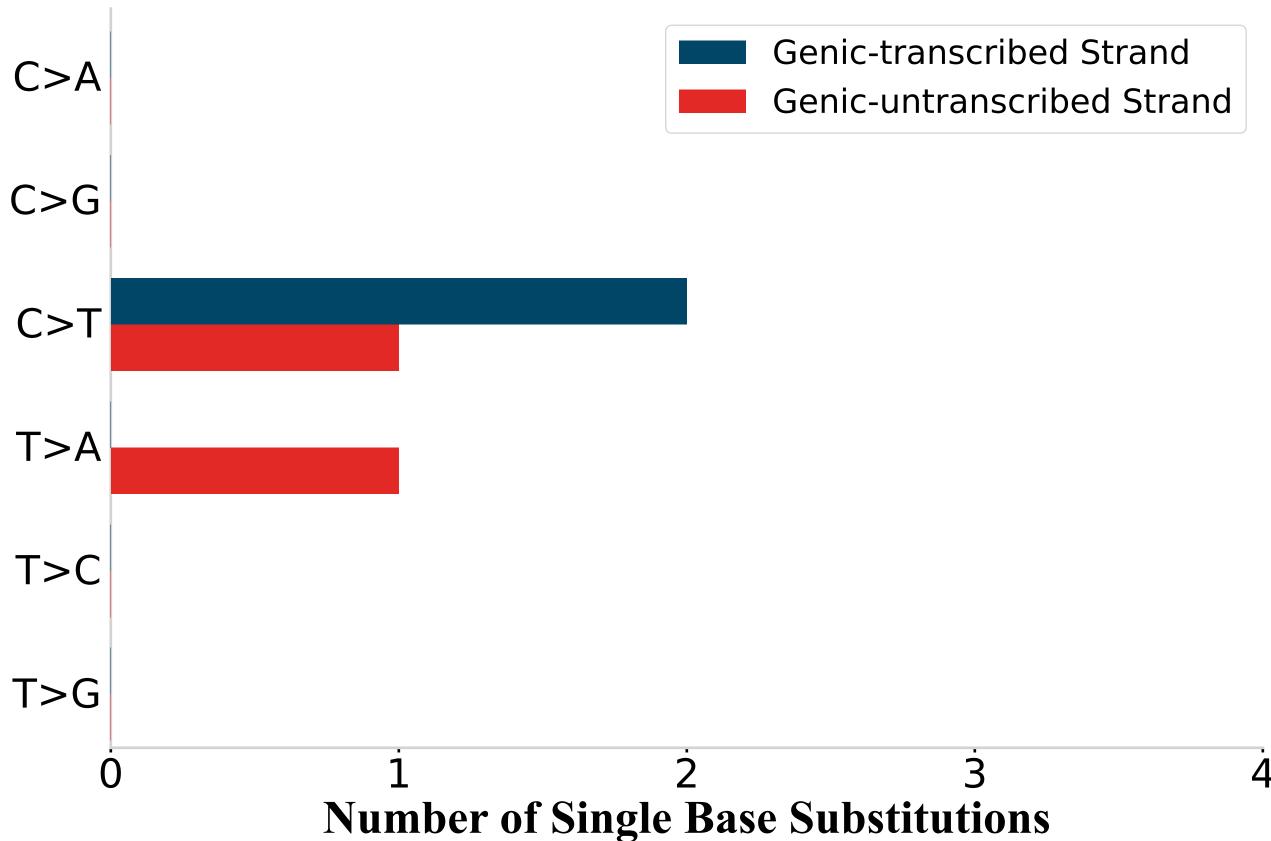


P-0049734-T01-IM6: 115 transcribed subs Genic-transcribed Strand C>A Genic-untranscribed Strand C>T T>A T>C T>G 17 34 51 68 **Number of Single Base Substitutions**

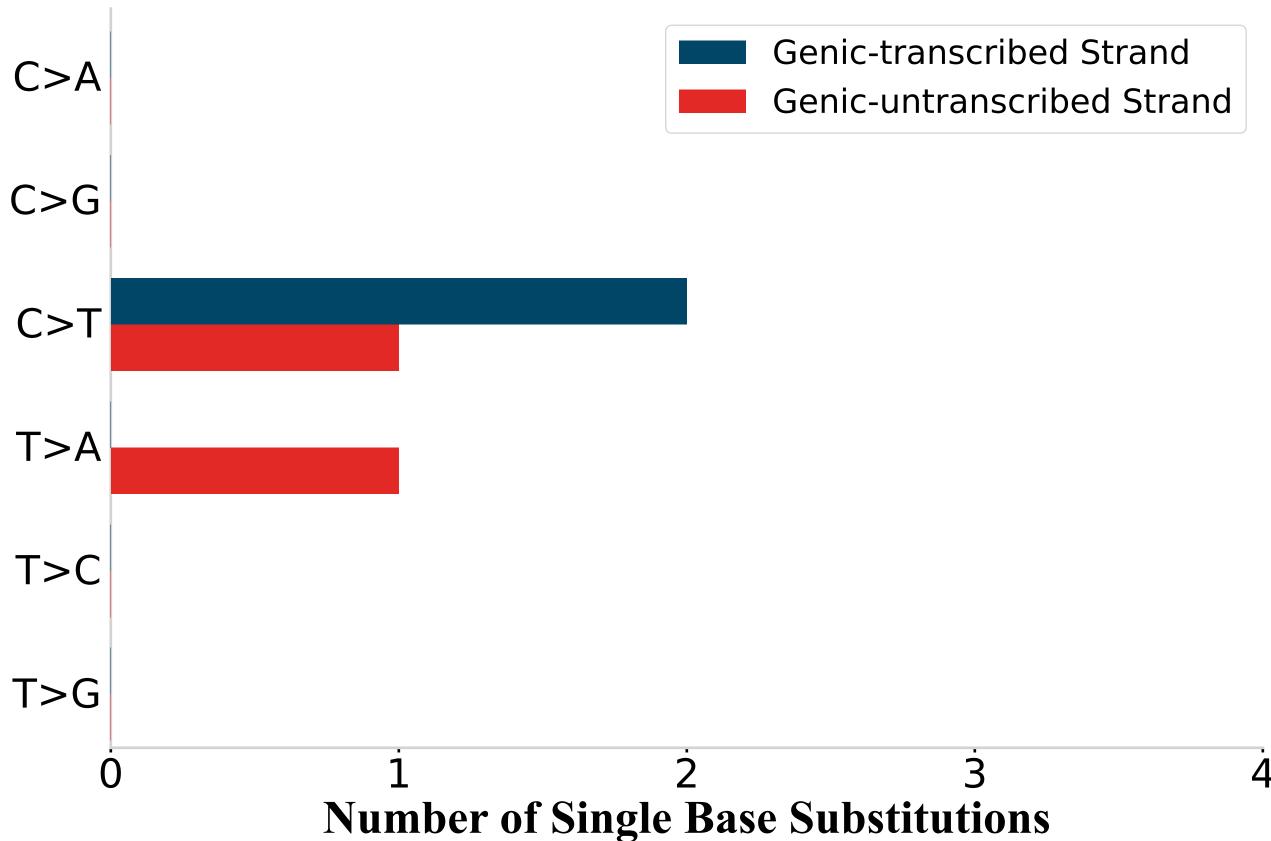
P-0049773-T01-IM6: 13 transcribed subs



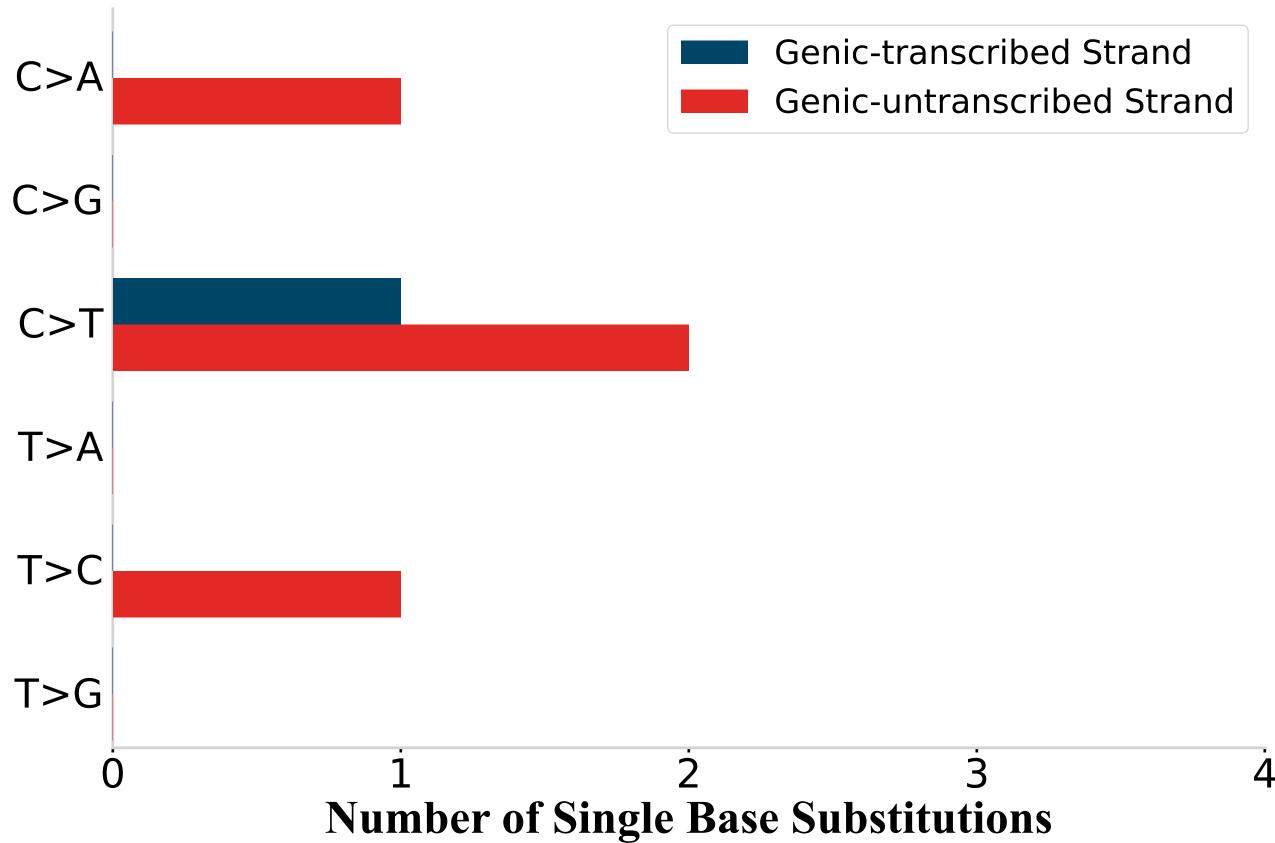
P-0049891-T01-IM6: 4 transcribed subs



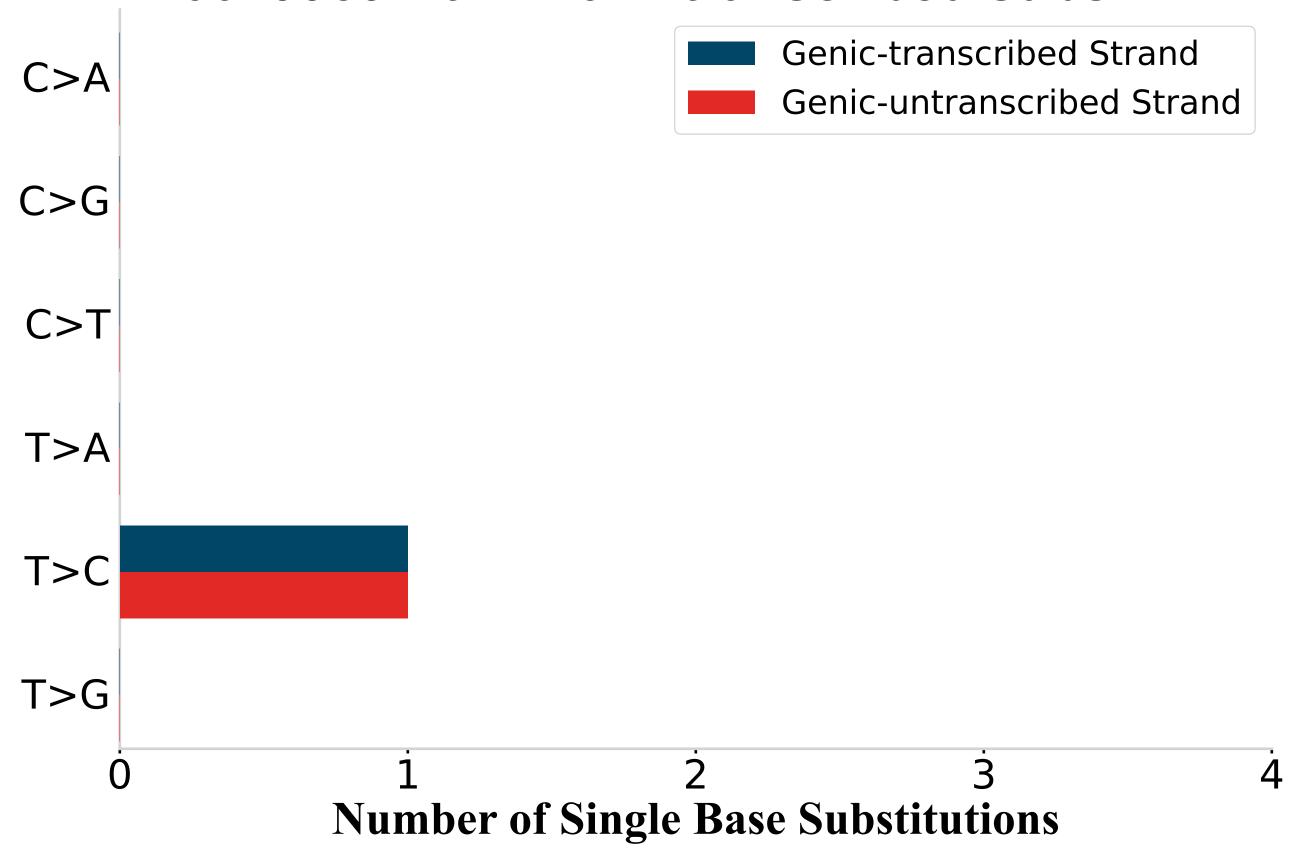
P-0049901-T01-IM6: 4 transcribed subs



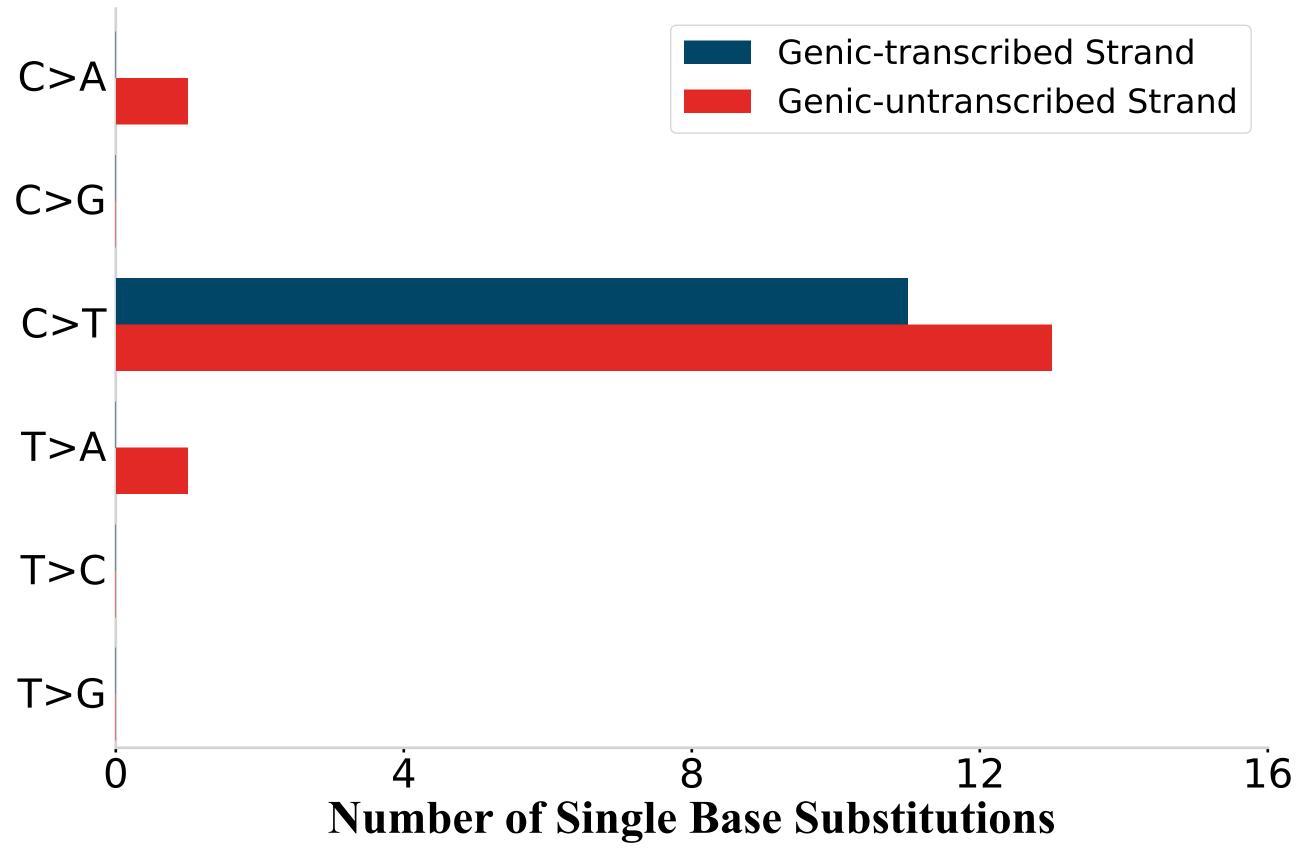
P-0049953-T01-IM6: 5 transcribed subs



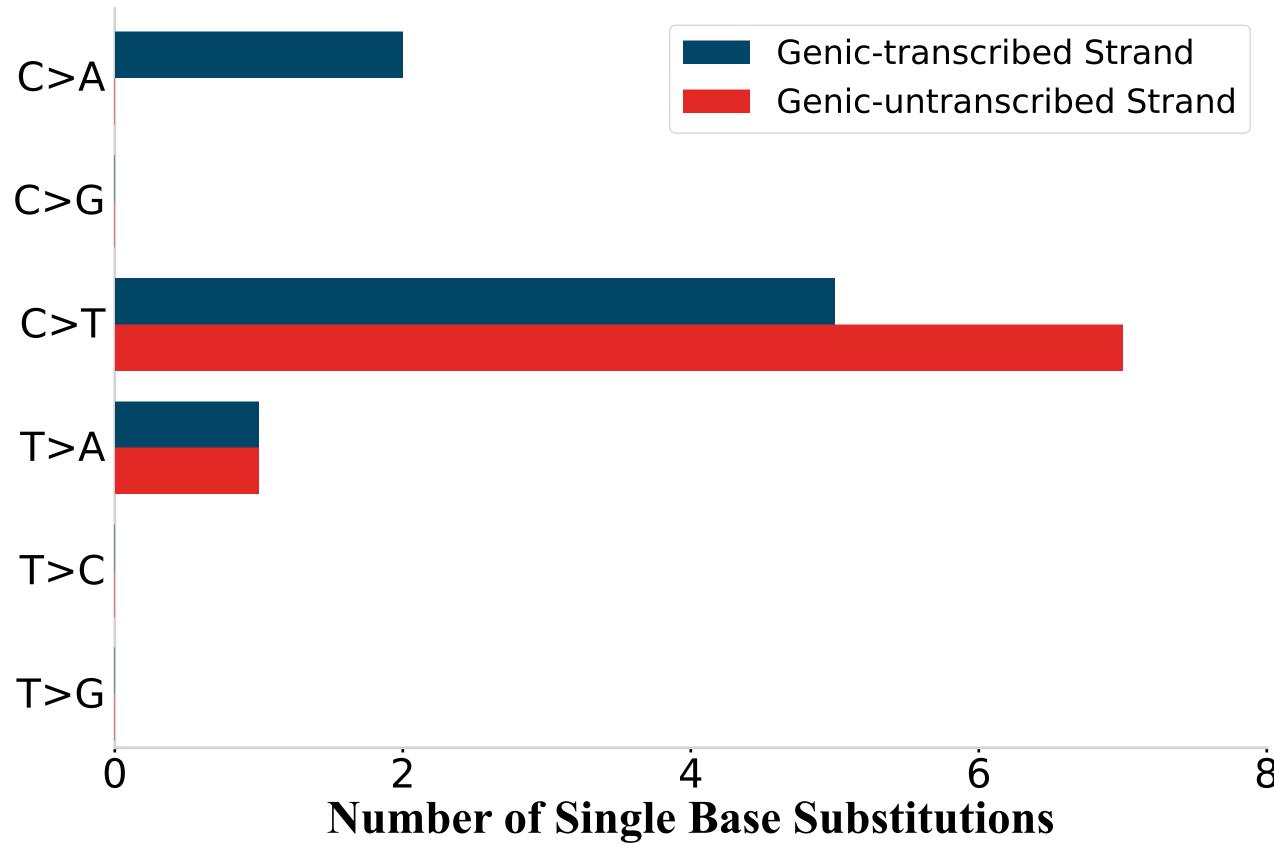
P-0049959-T01-IM6: 2 transcribed subs



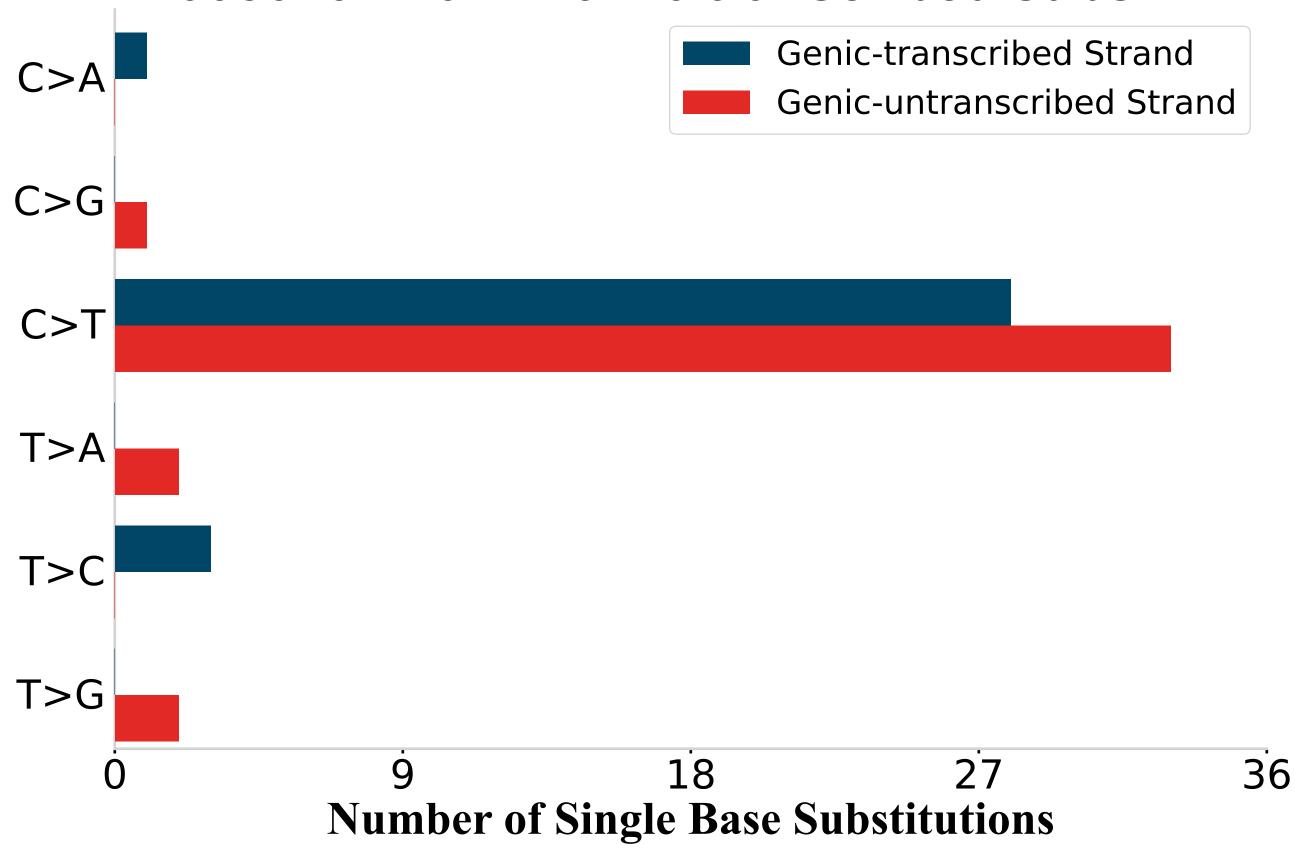
P-0050076-T01-IM6: 26 transcribed subs



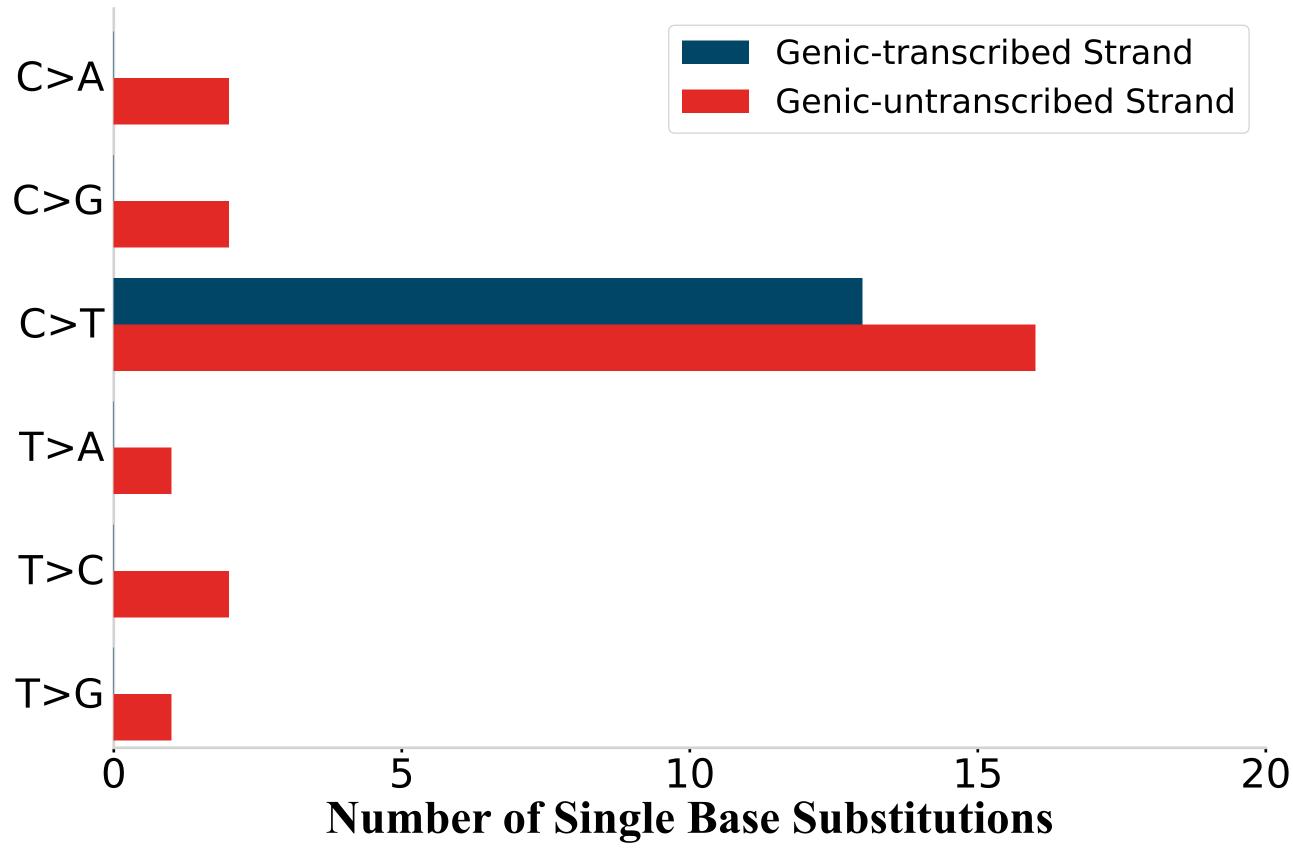
P-0050087-T01-IM6: 16 transcribed subs



P-0050267-T01-IM6: 70 transcribed subs



P-0050405-T01-IM6: 37 transcribed subs



P-0050421-T01-IM6: 63 transcribed subs

