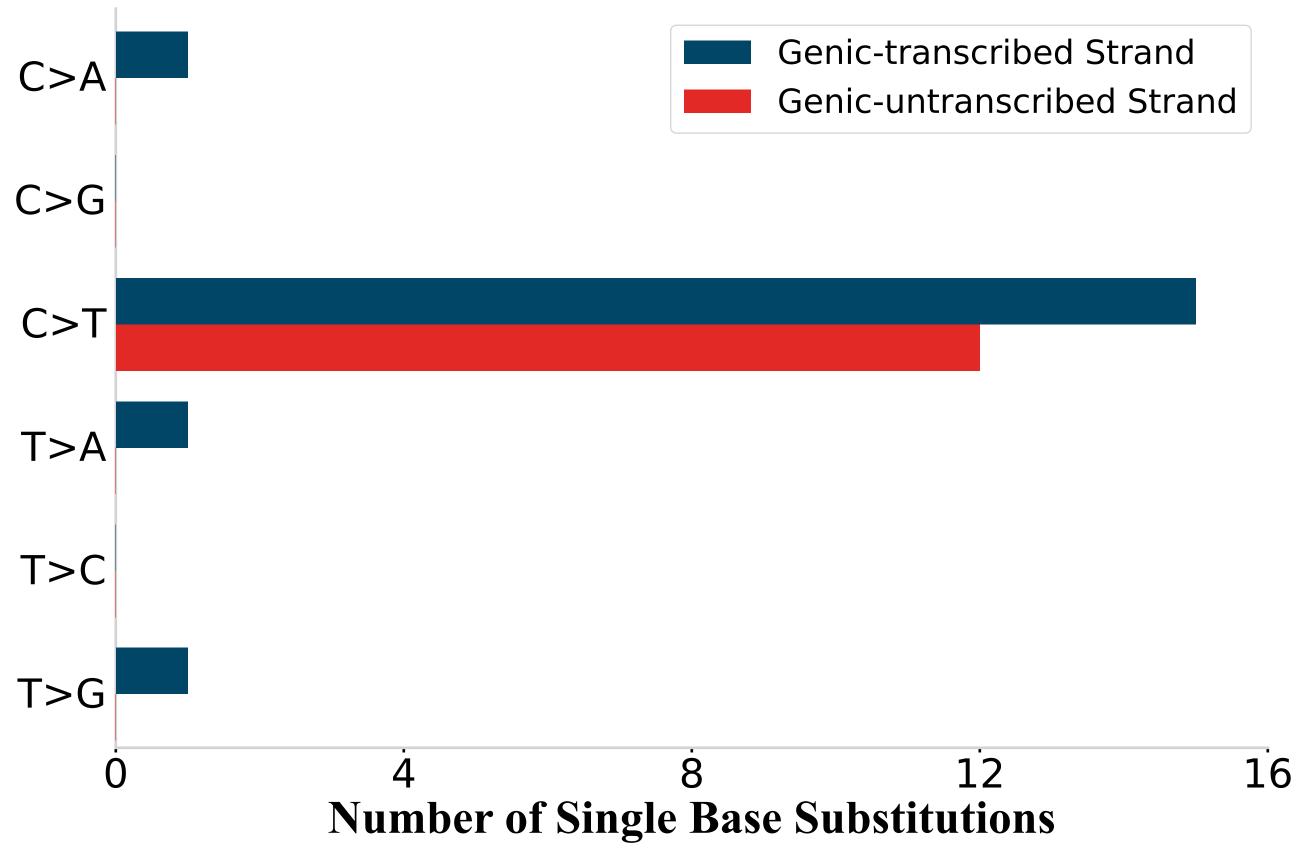
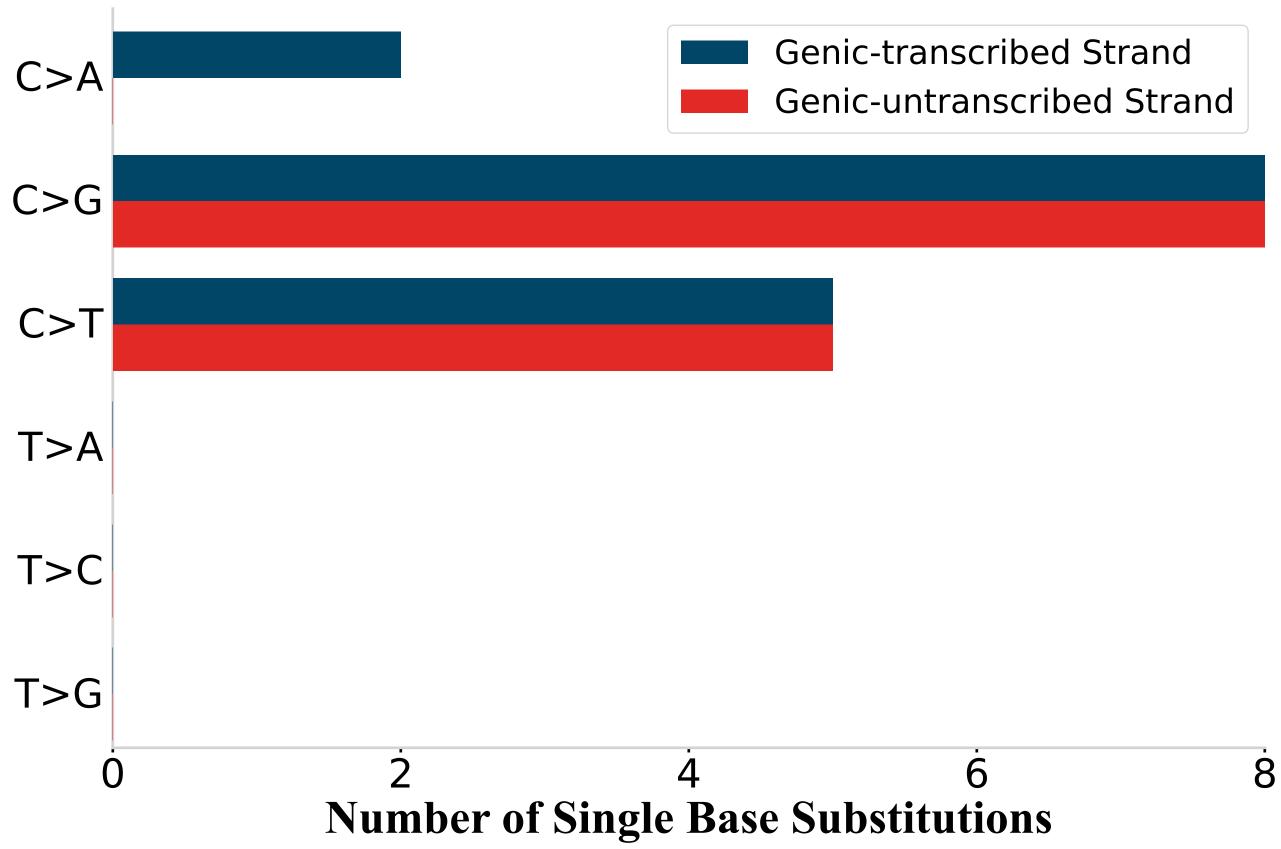
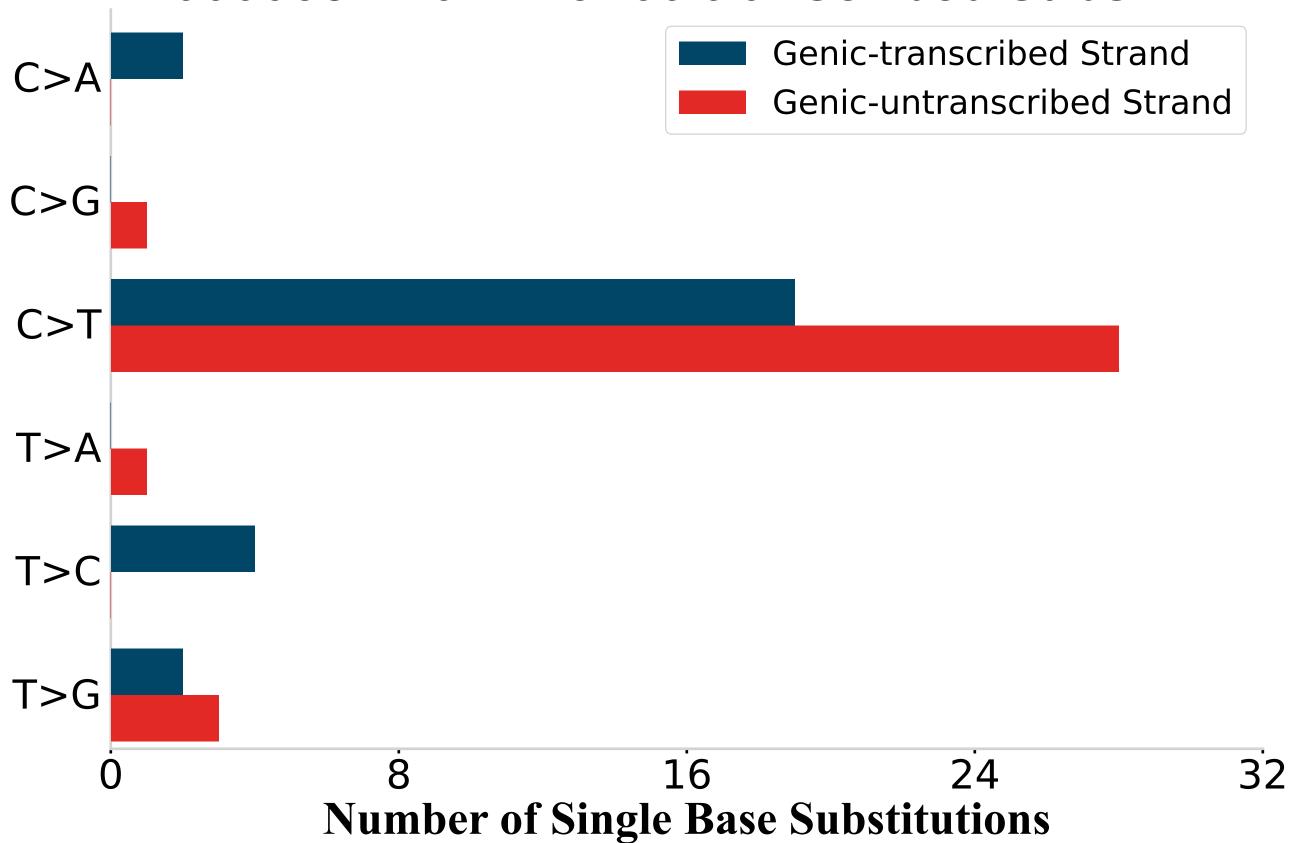
P-0000237-T01-IM3: 30 transcribed subs



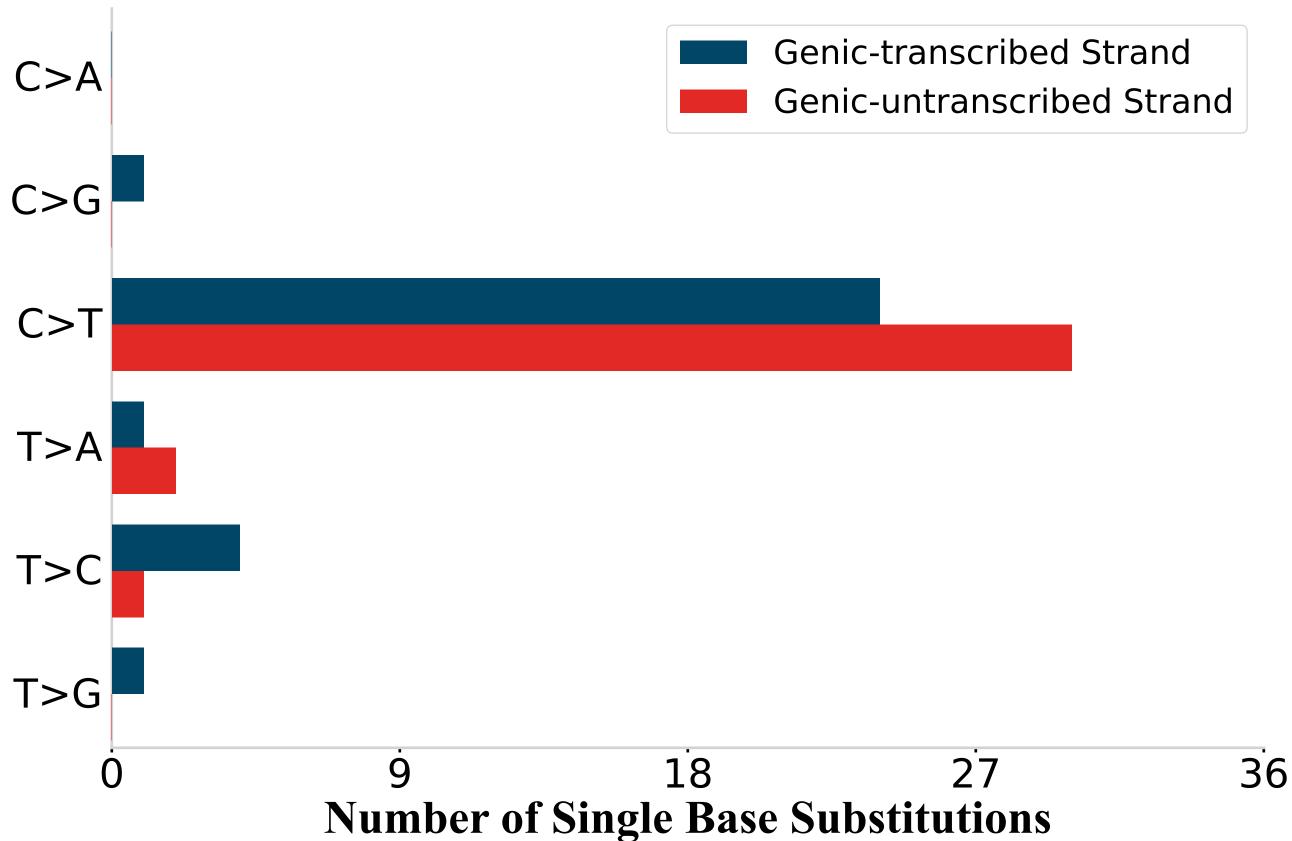
P-0000372-T01-IM3: 28 transcribed subs



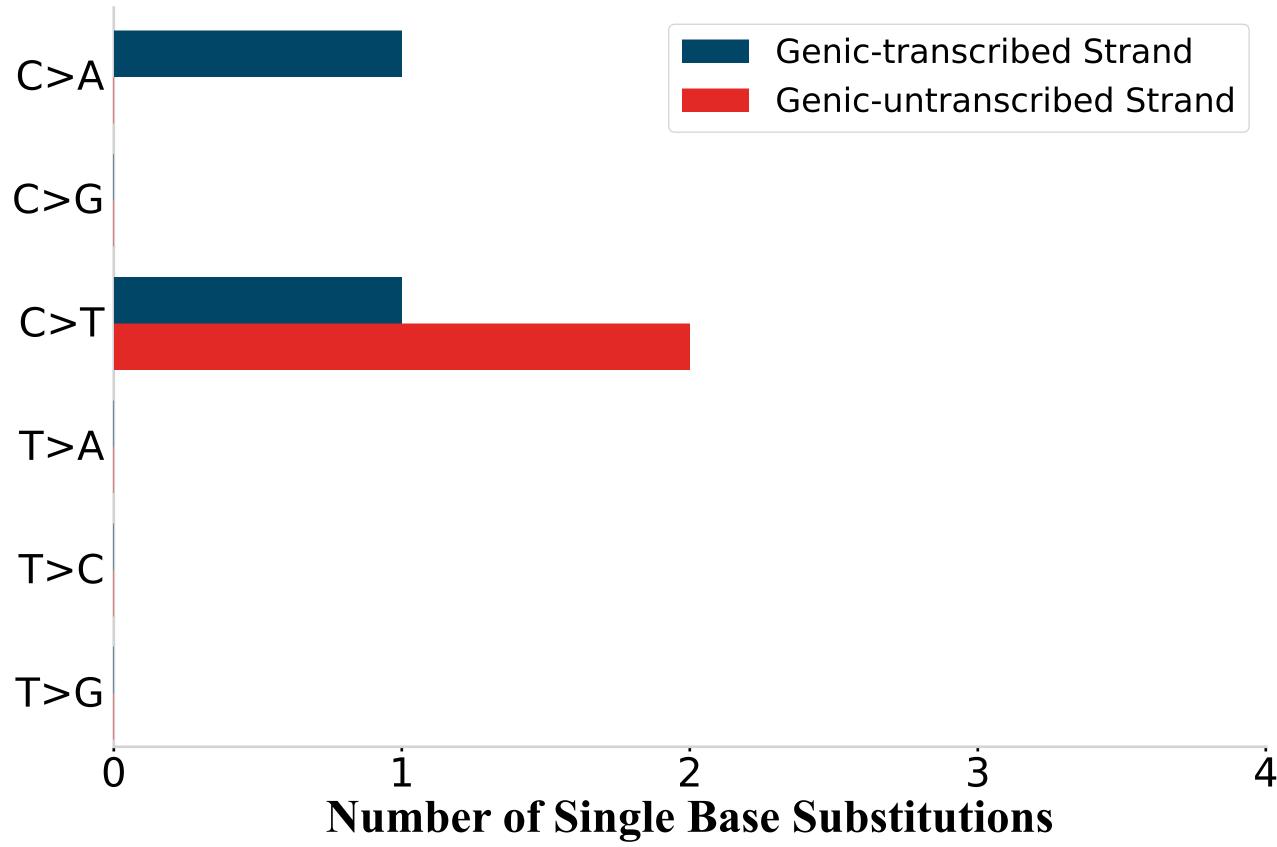
P-0000582-T01-IM3: 60 transcribed subs



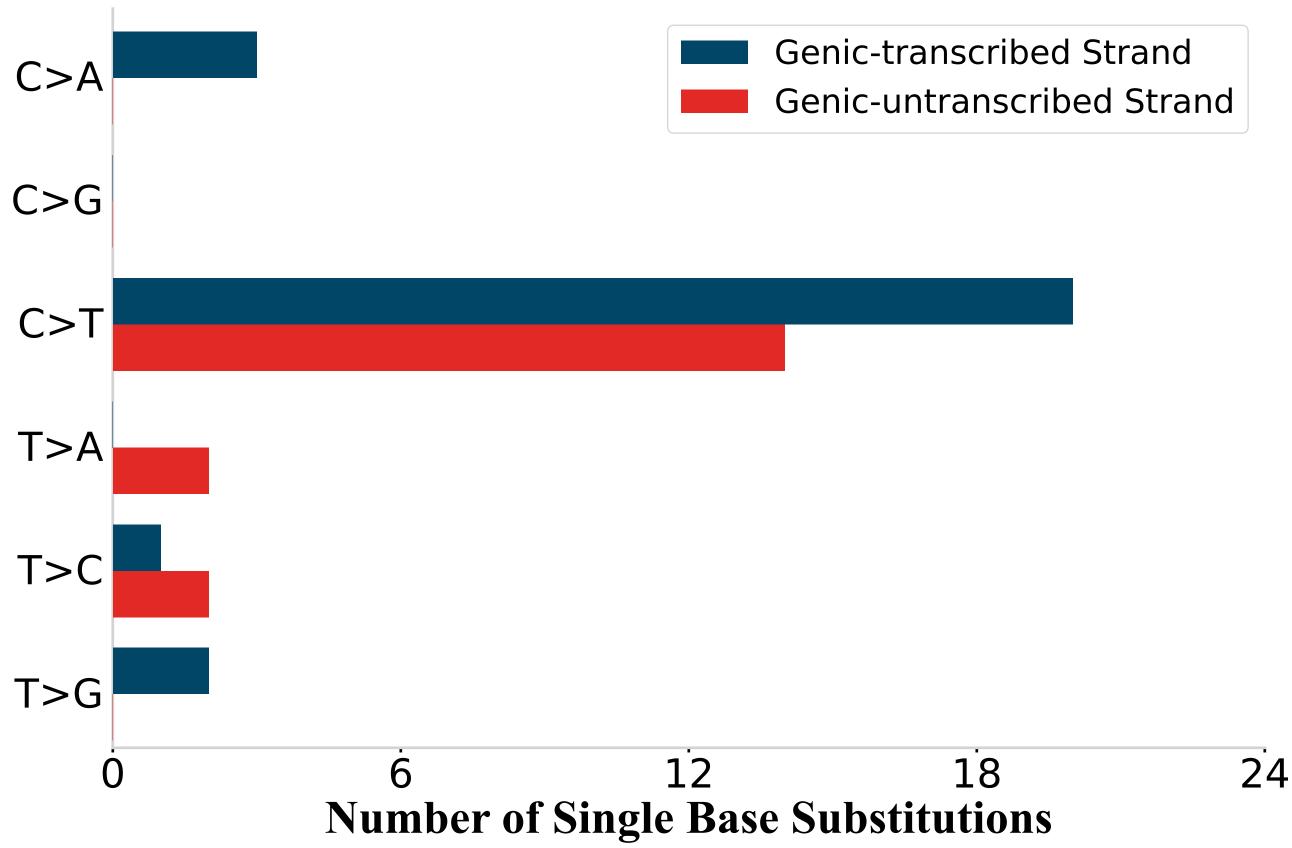
P-0000705-T01-IM3: 64 transcribed subs



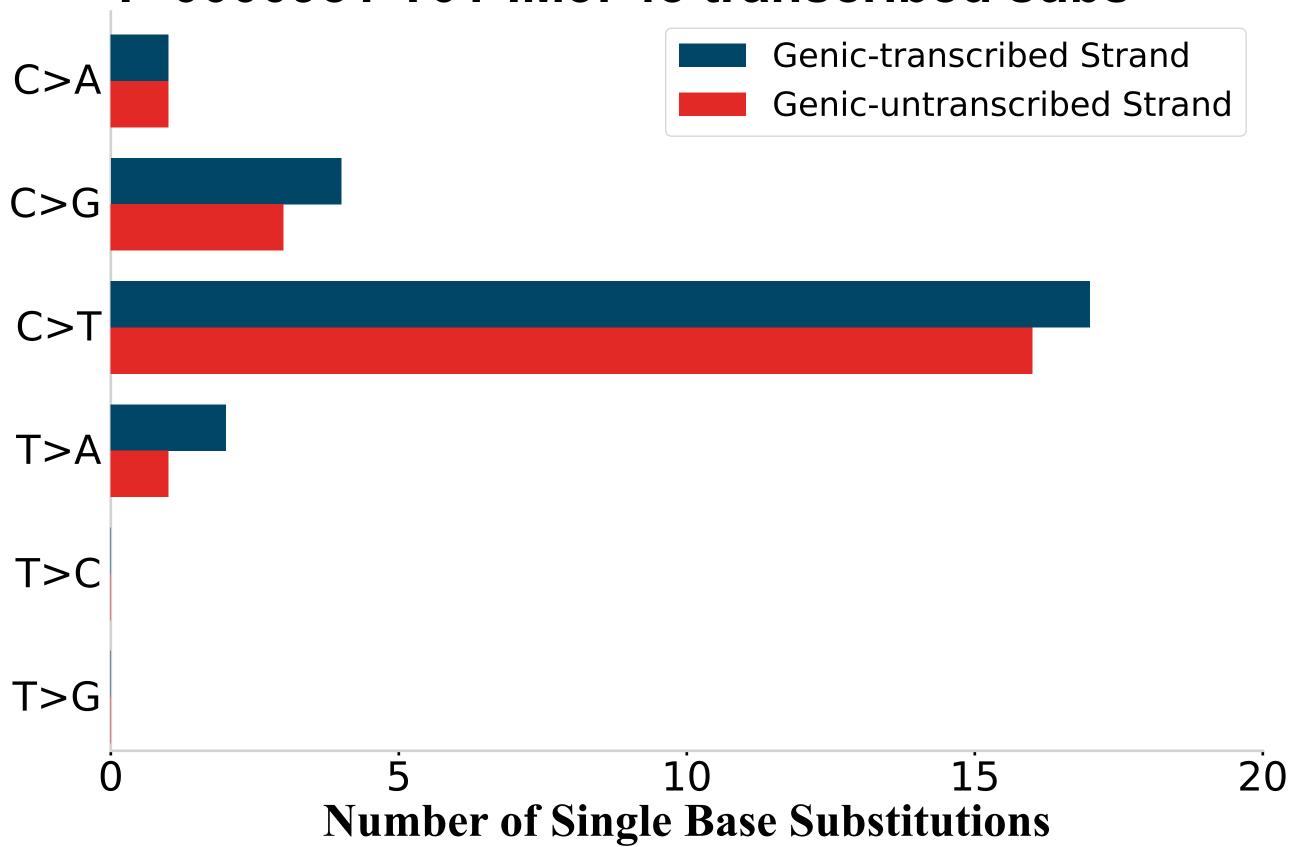
P-0000826-T01-IM3: 4 transcribed subs



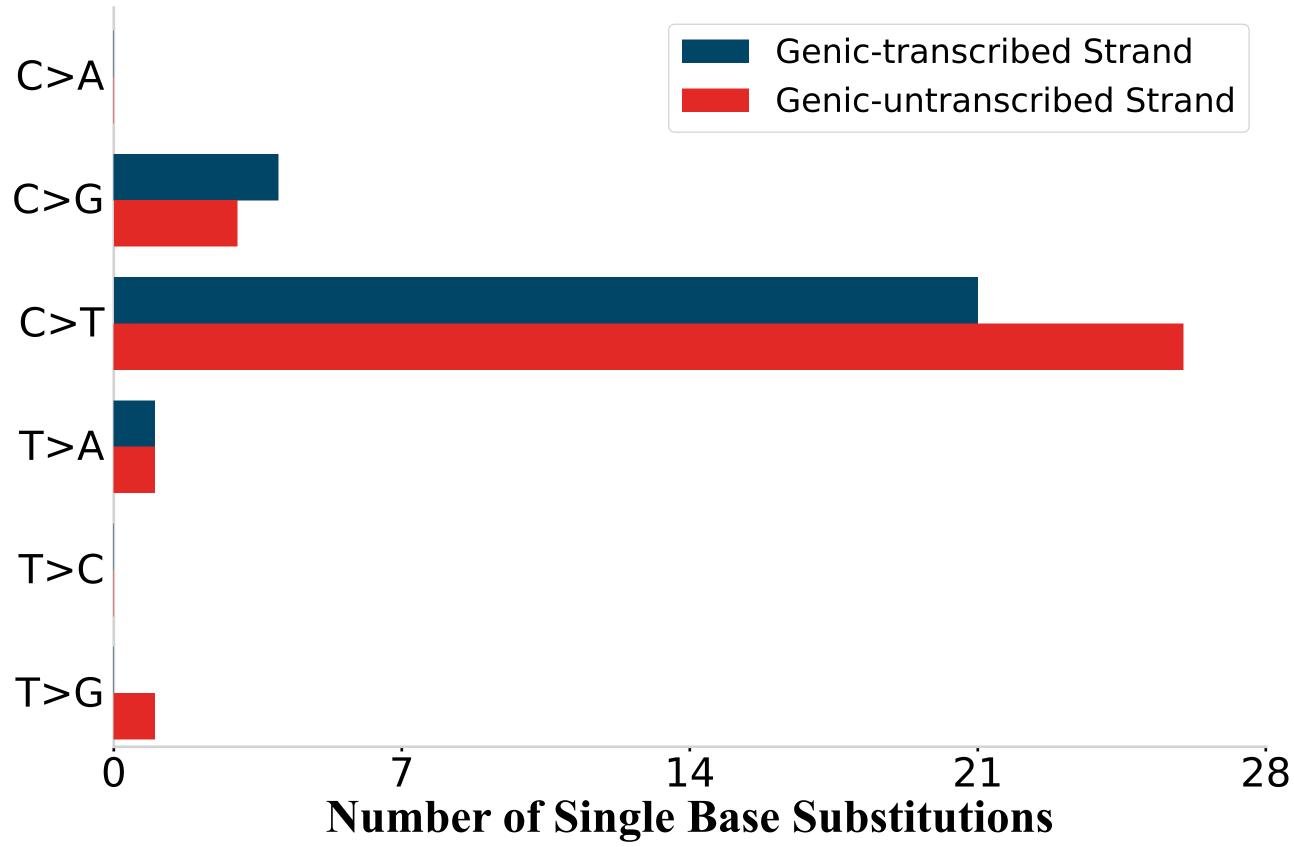
P-0000919-T01-IM3: 44 transcribed subs



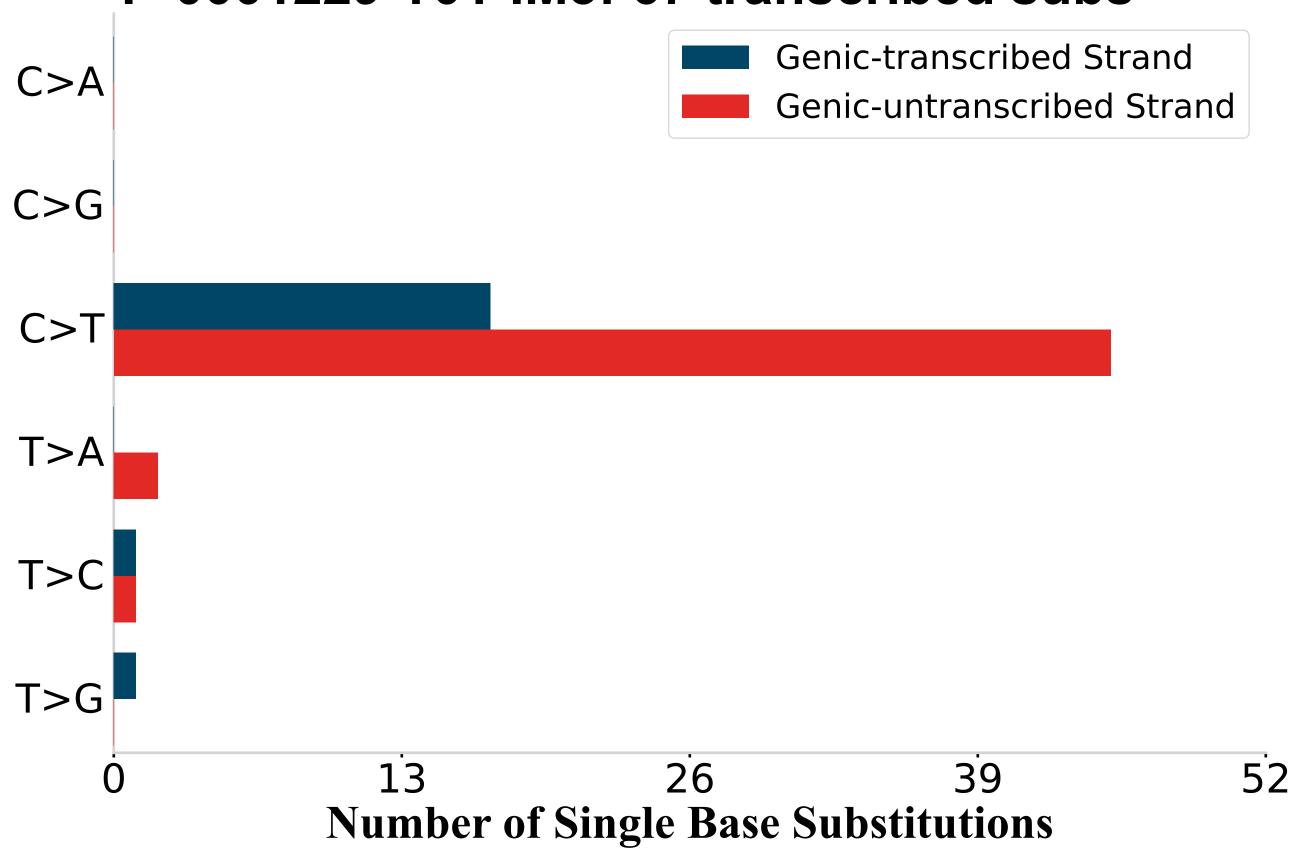
P-0000951-T01-IM3: 45 transcribed subs



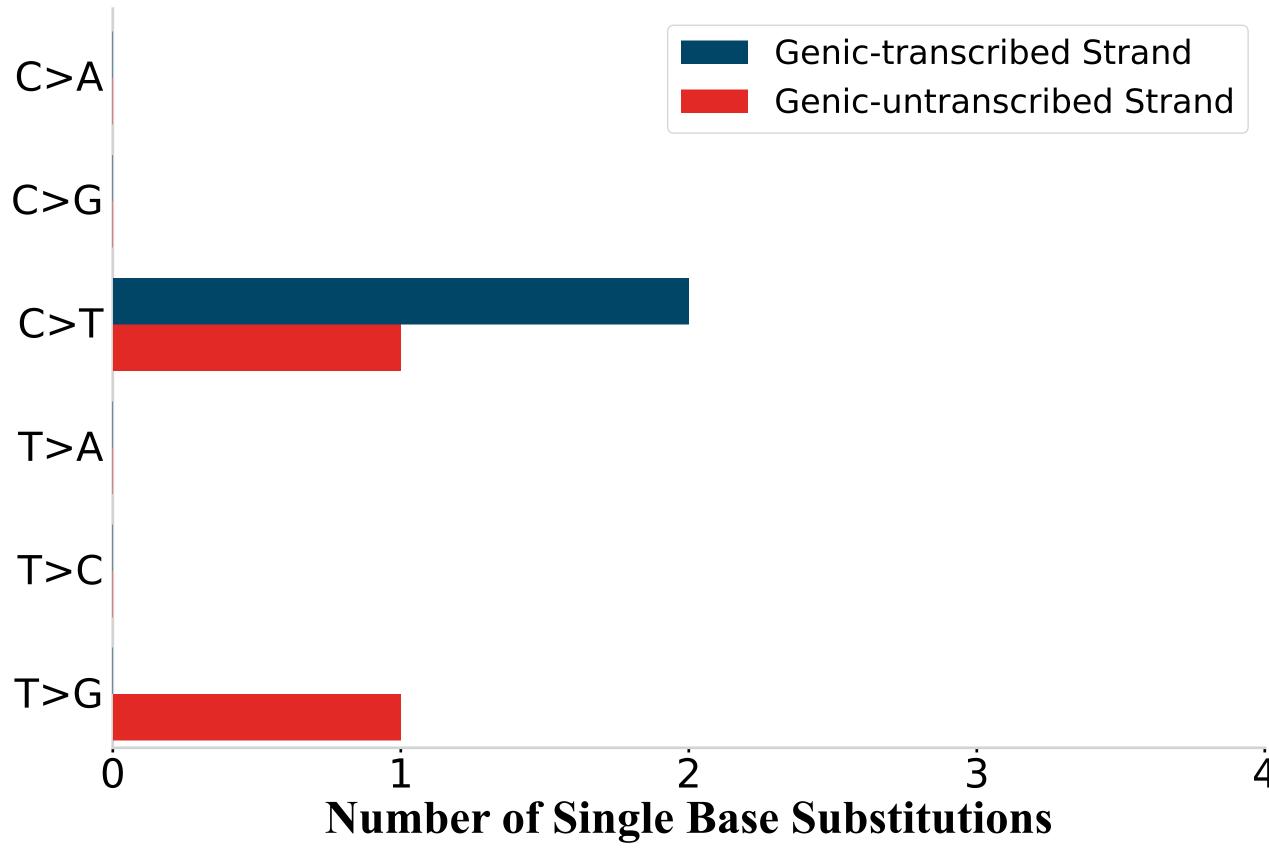
P-0001198-T01-IM3: 57 transcribed subs



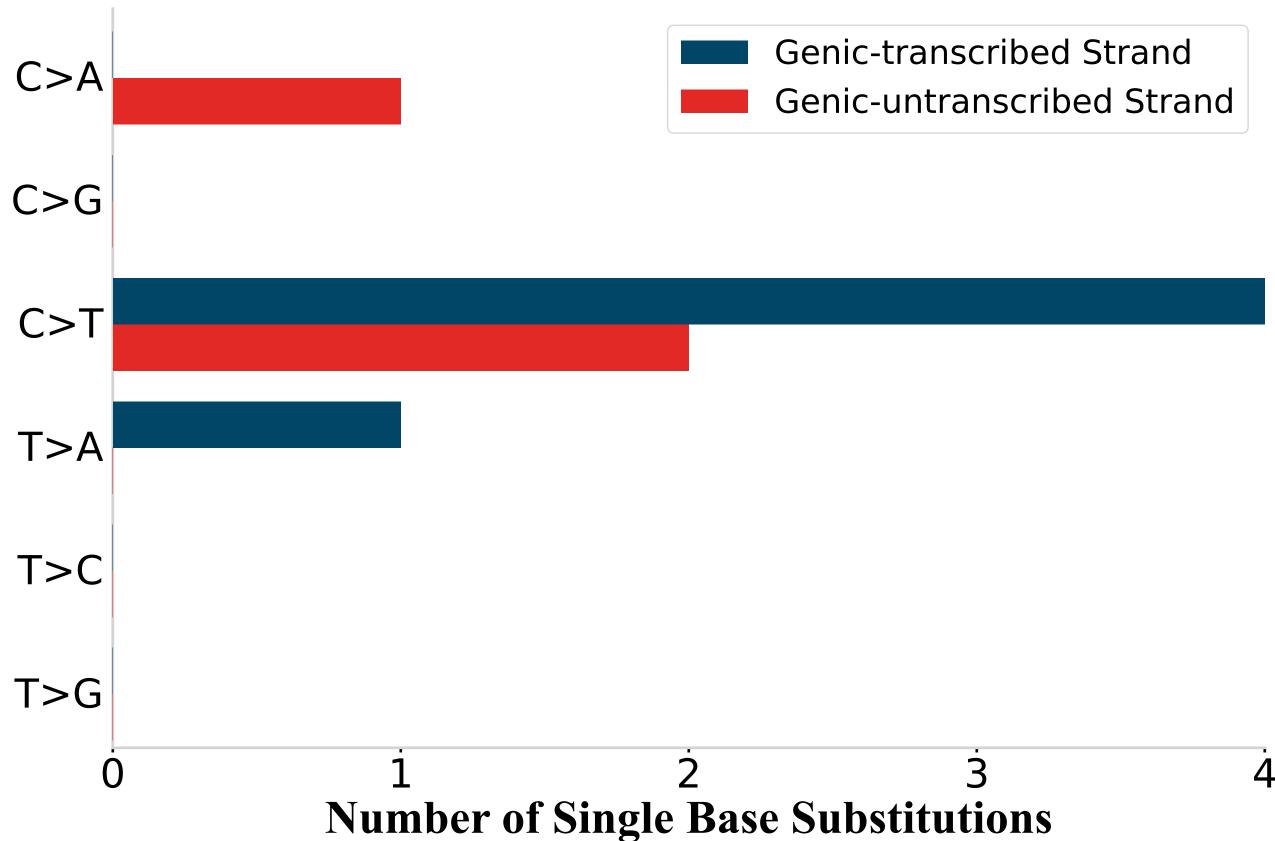
P-0001229-T01-IM3: 67 transcribed subs



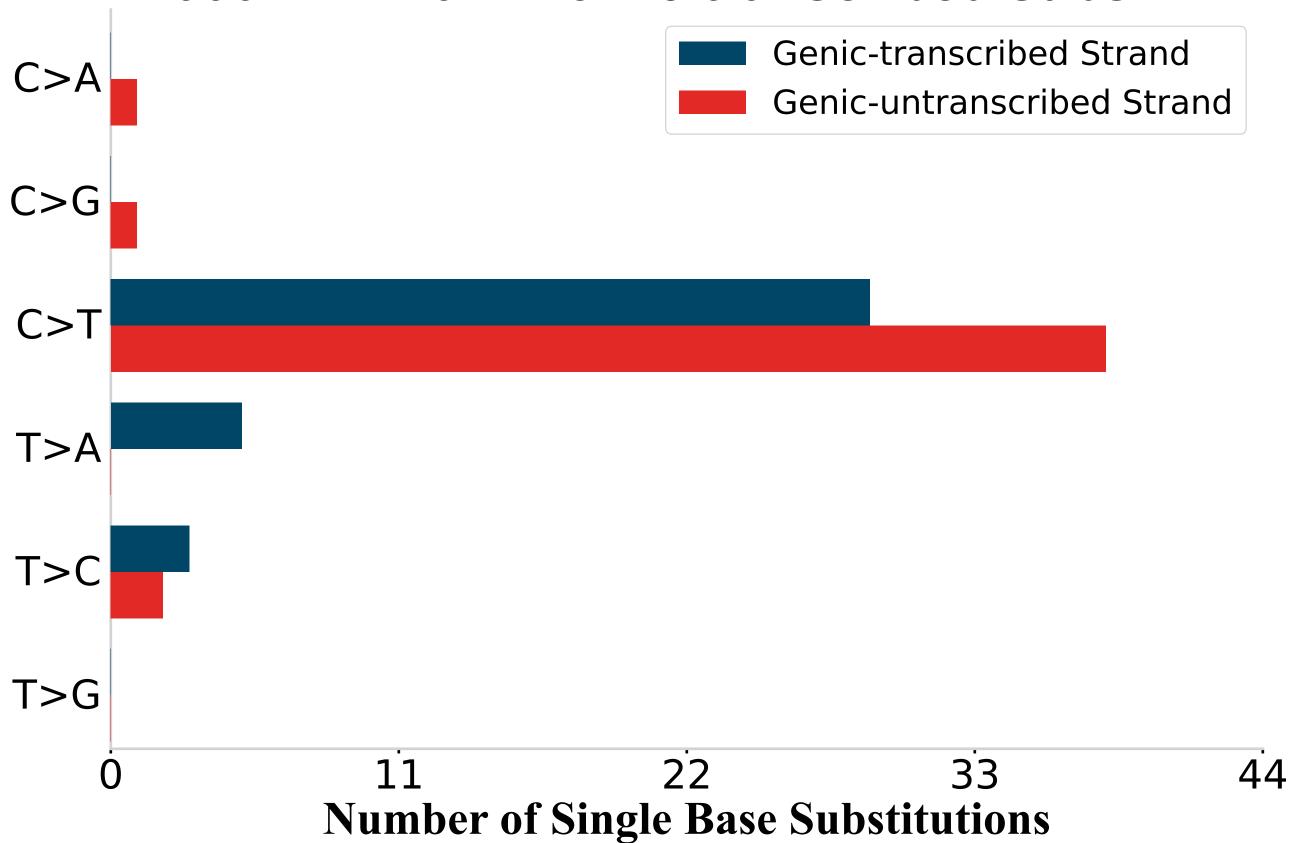
P-0001523-T01-IM3: 4 transcribed subs



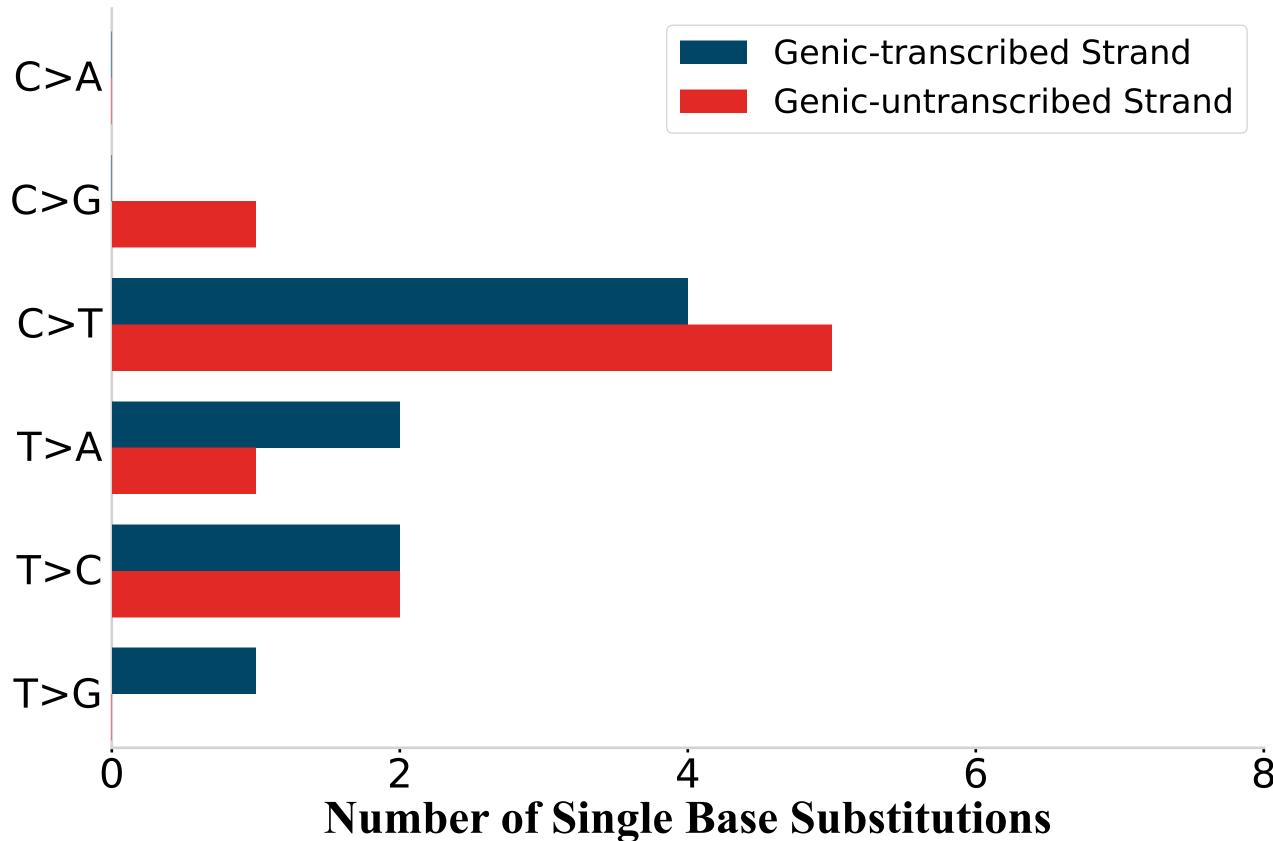
P-0001736-T01-IM3: 8 transcribed subs



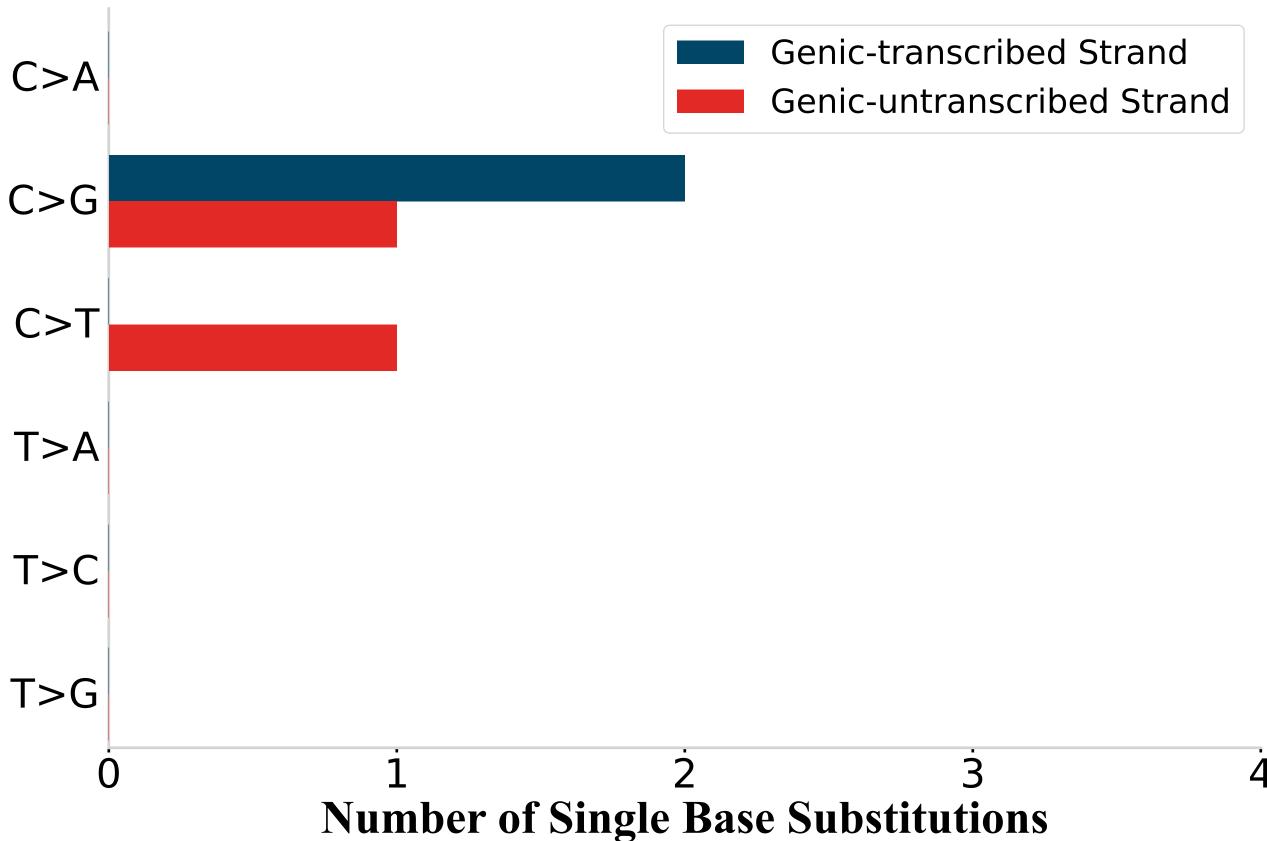
P-0001744-T01-IM3: 79 transcribed subs



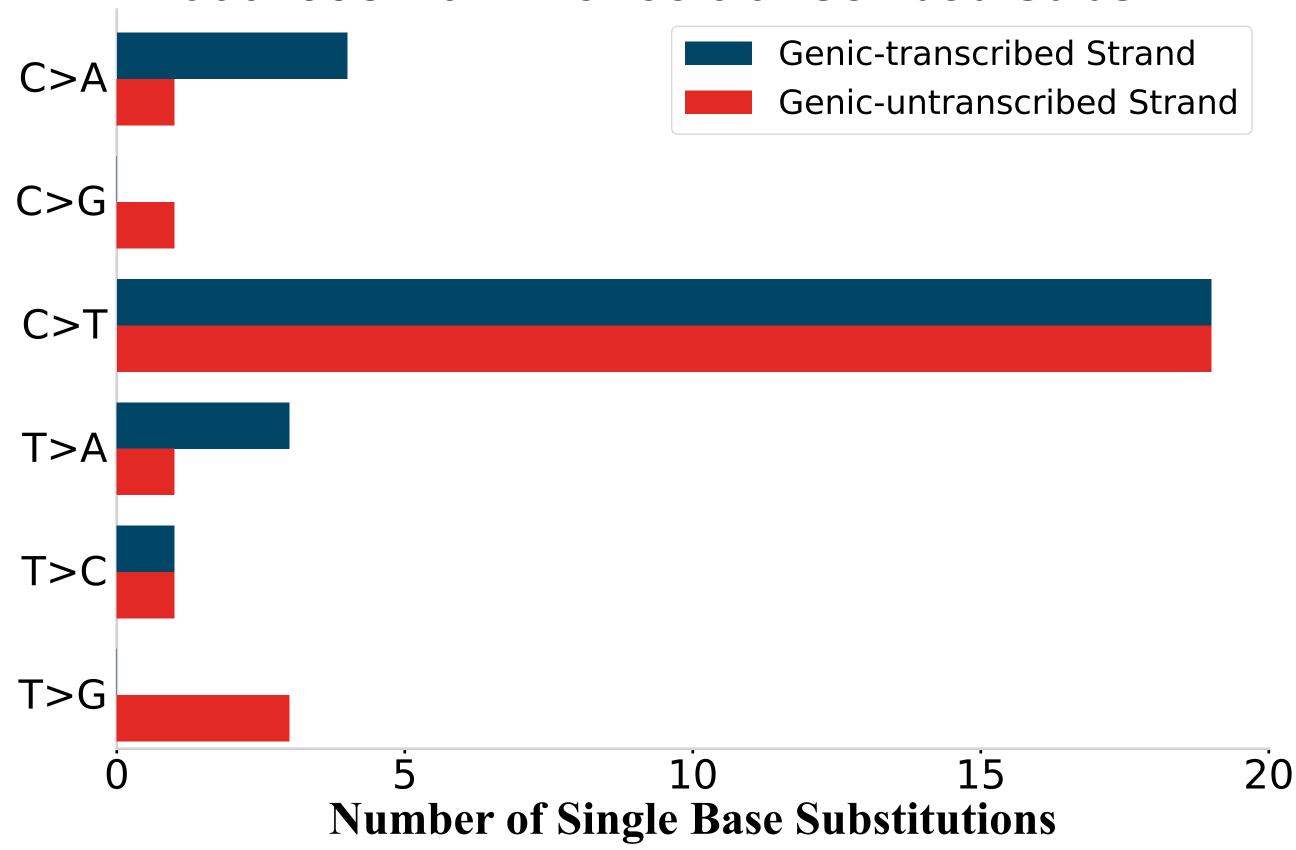
P-0002209-T02-IM5: 18 transcribed subs



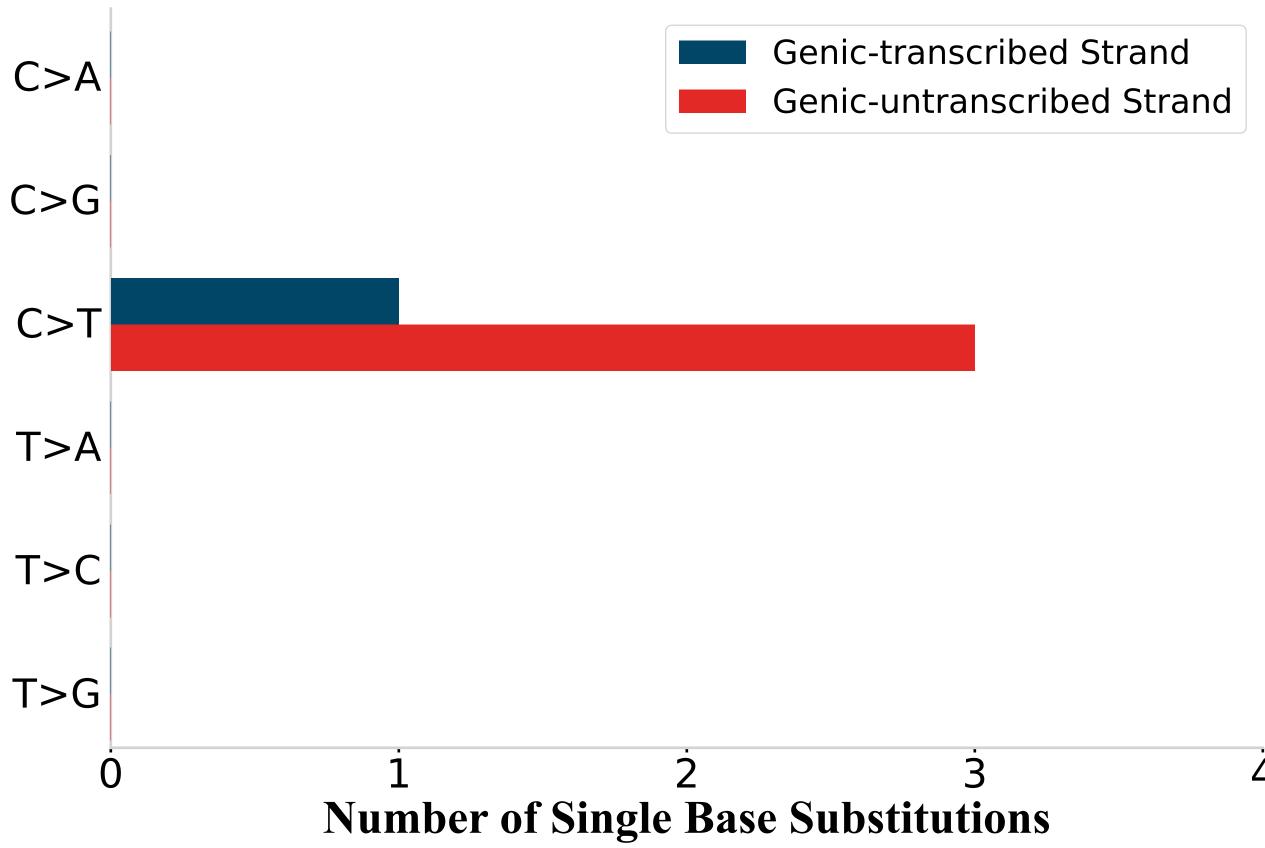
P-0002881-T01-IM3: 4 transcribed subs



P-0002998-T01-IM3: 53 transcribed subs



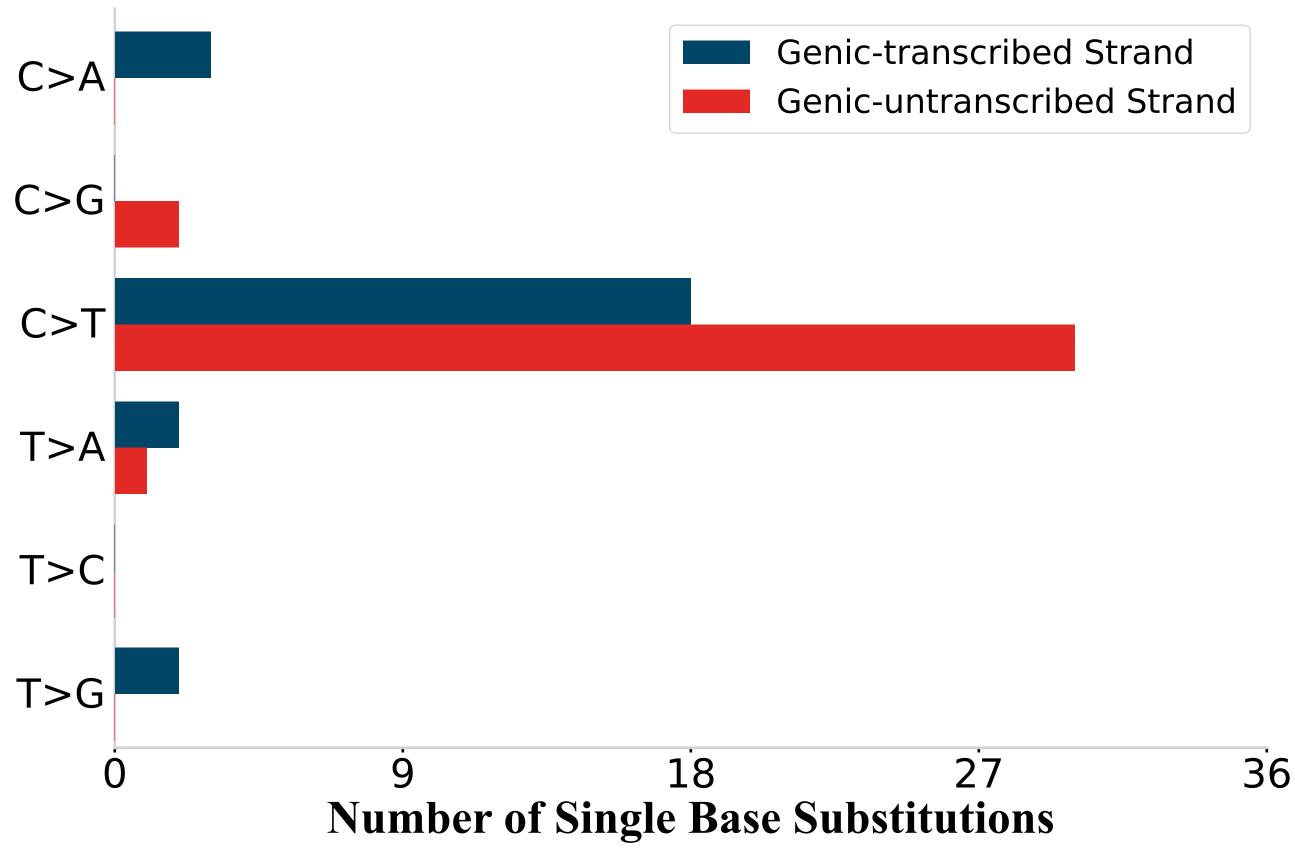
P-0003016-T01-IM3: 4 transcribed subs



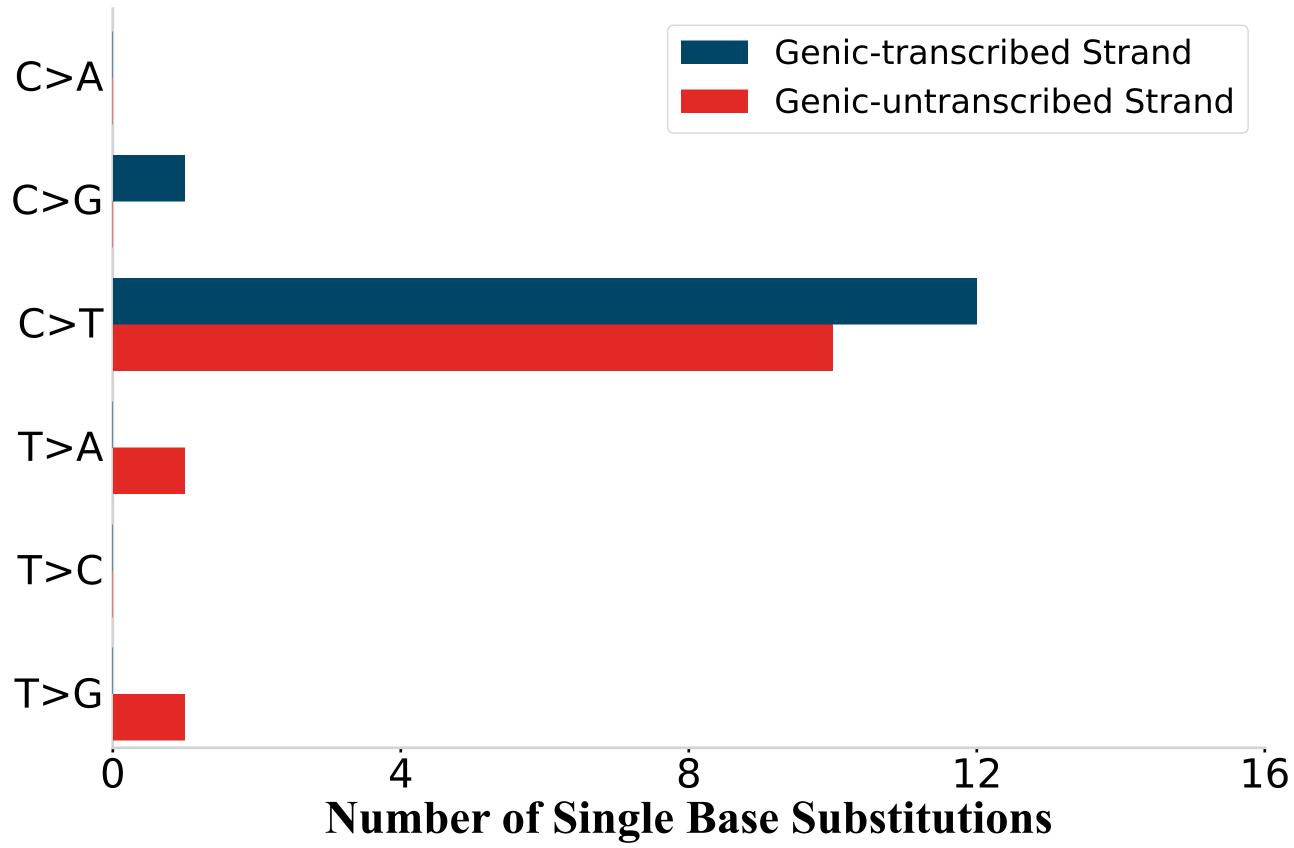
P-0003053-T01-IM5: 1 transcribed subs



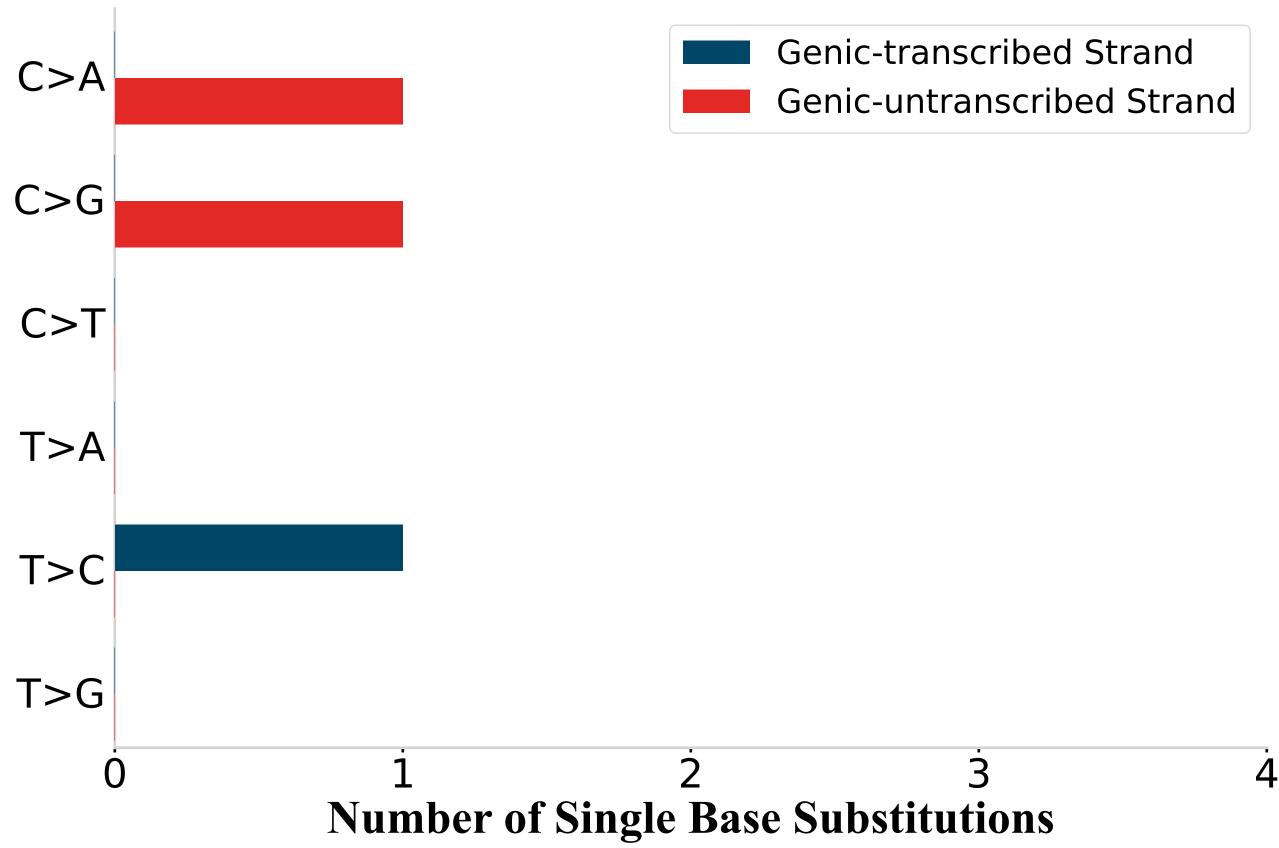
P-0003104-T01-IM5: 58 transcribed subs



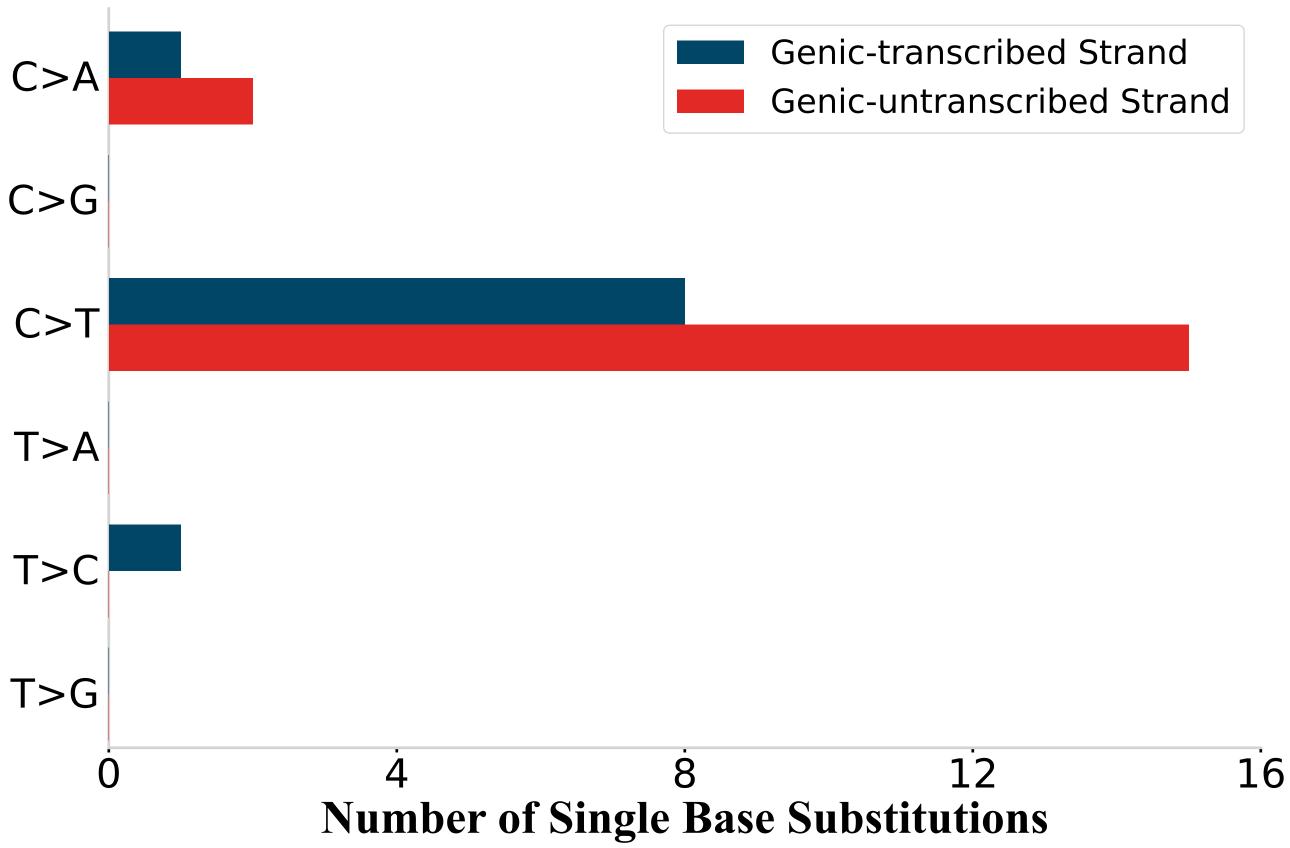
P-0003161-T01-IM5: 25 transcribed subs



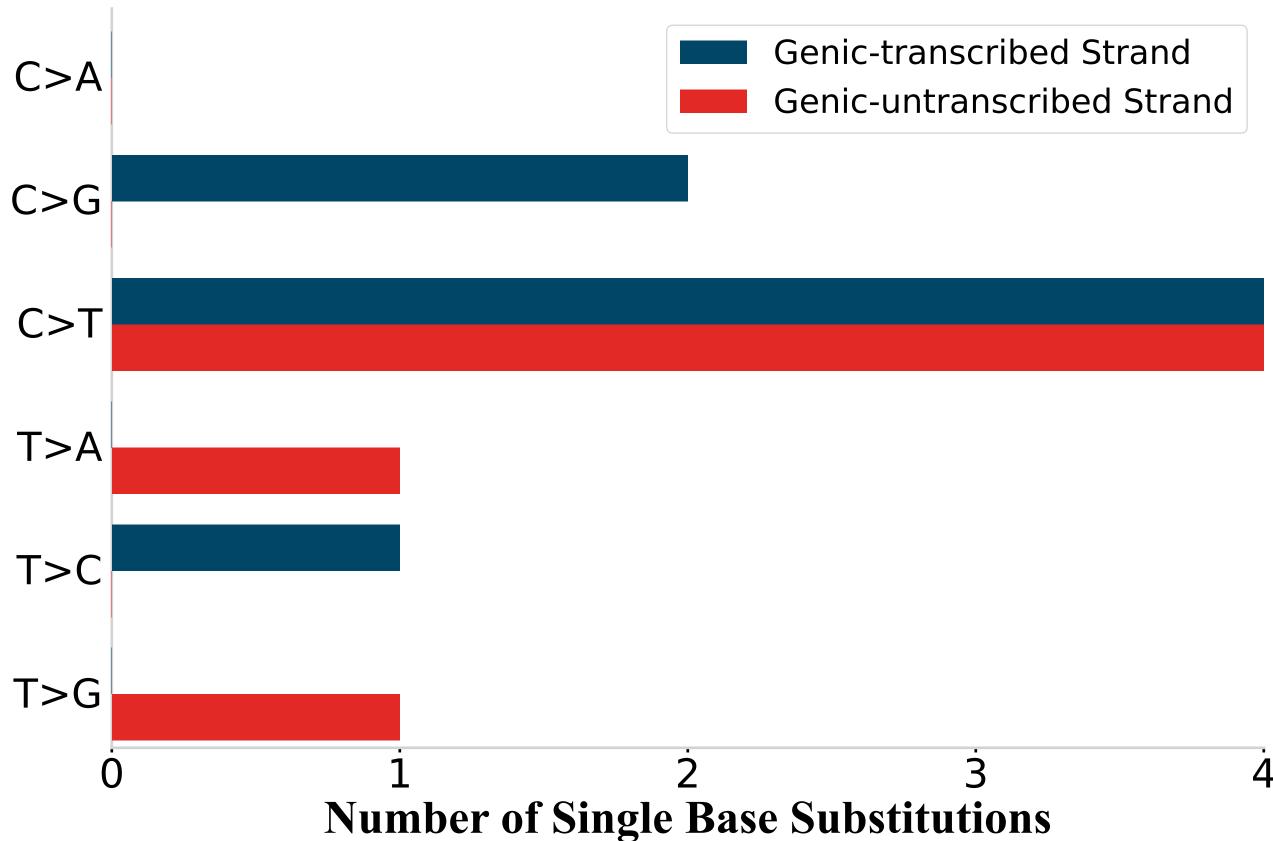
P-0003293-T01-IM5: 3 transcribed subs



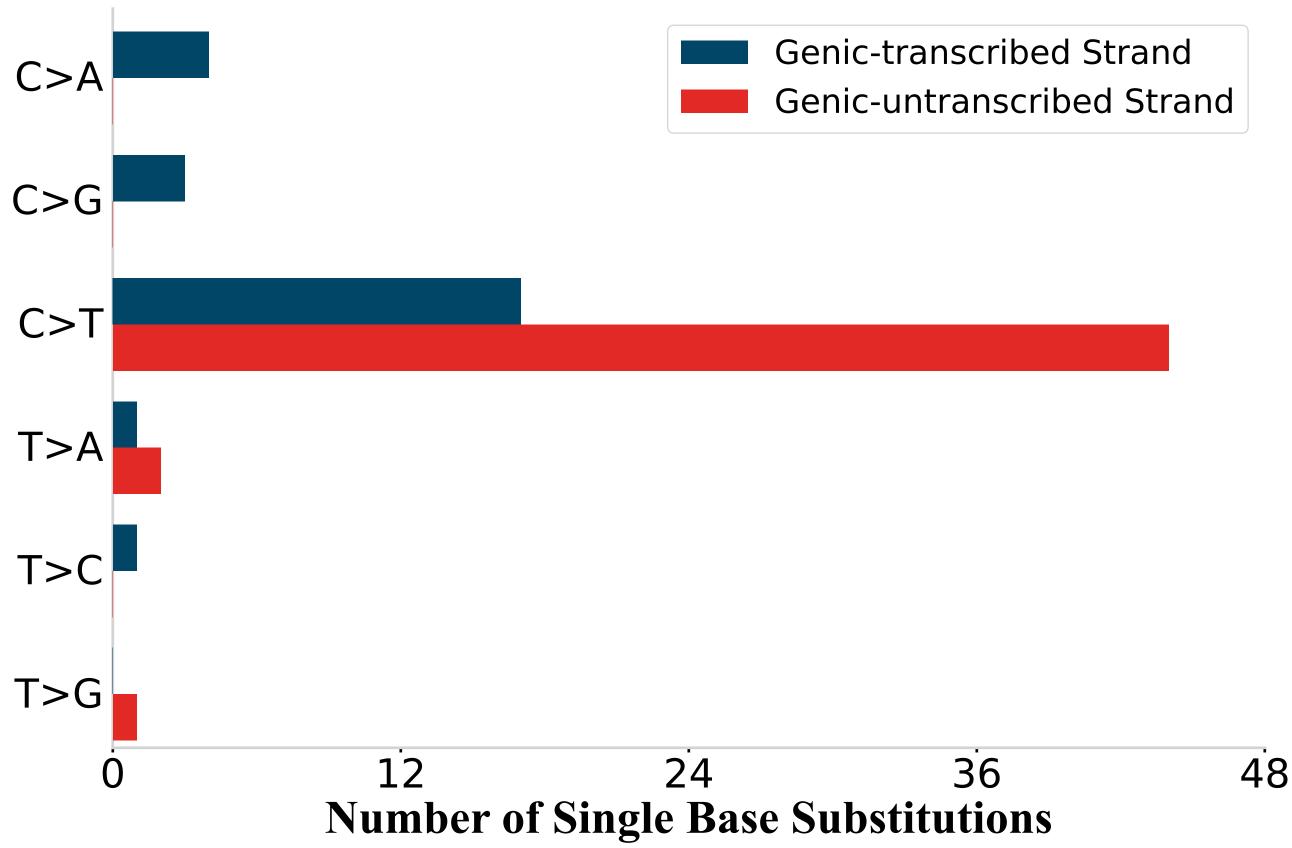
P-0003610-T01-IM5: 27 transcribed subs



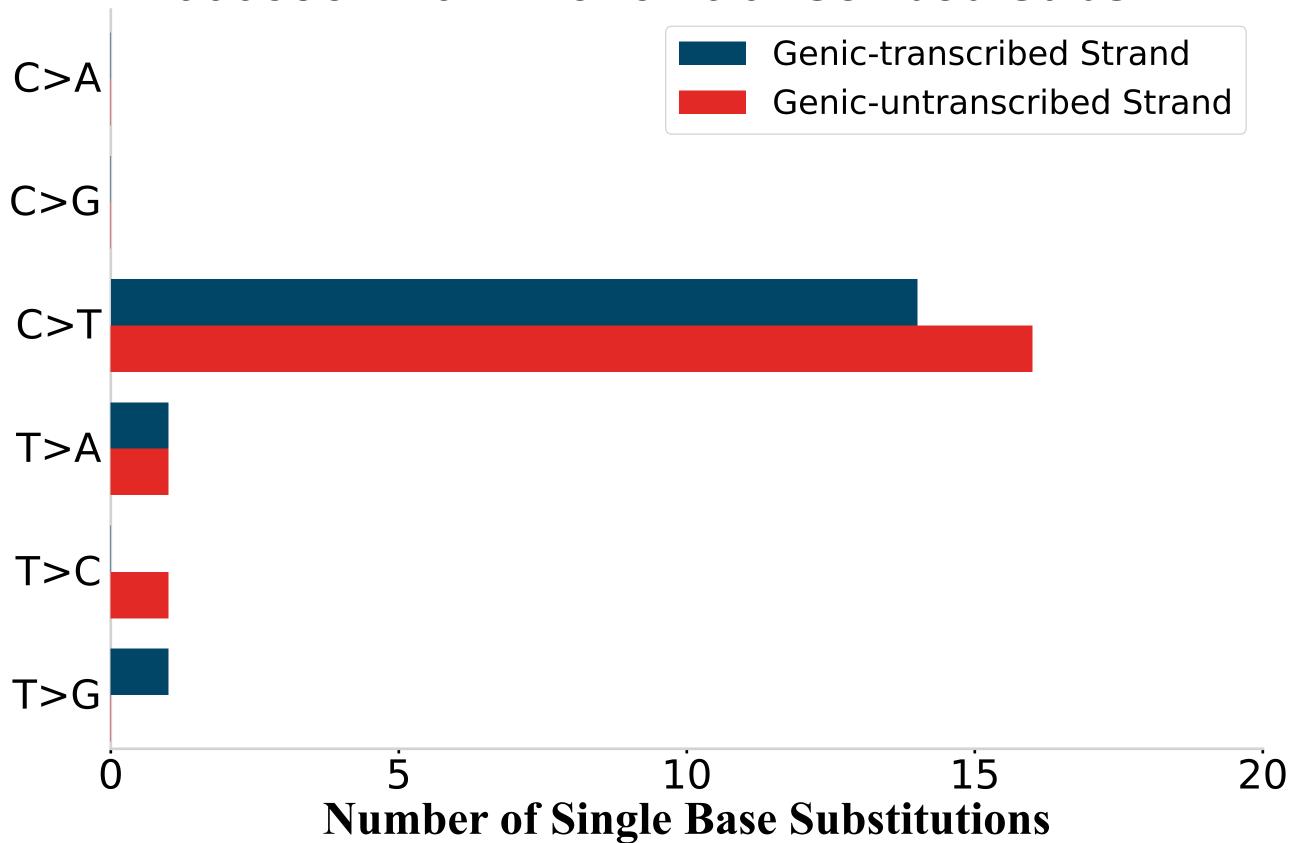
P-0003857-T01-IM5: 13 transcribed subs



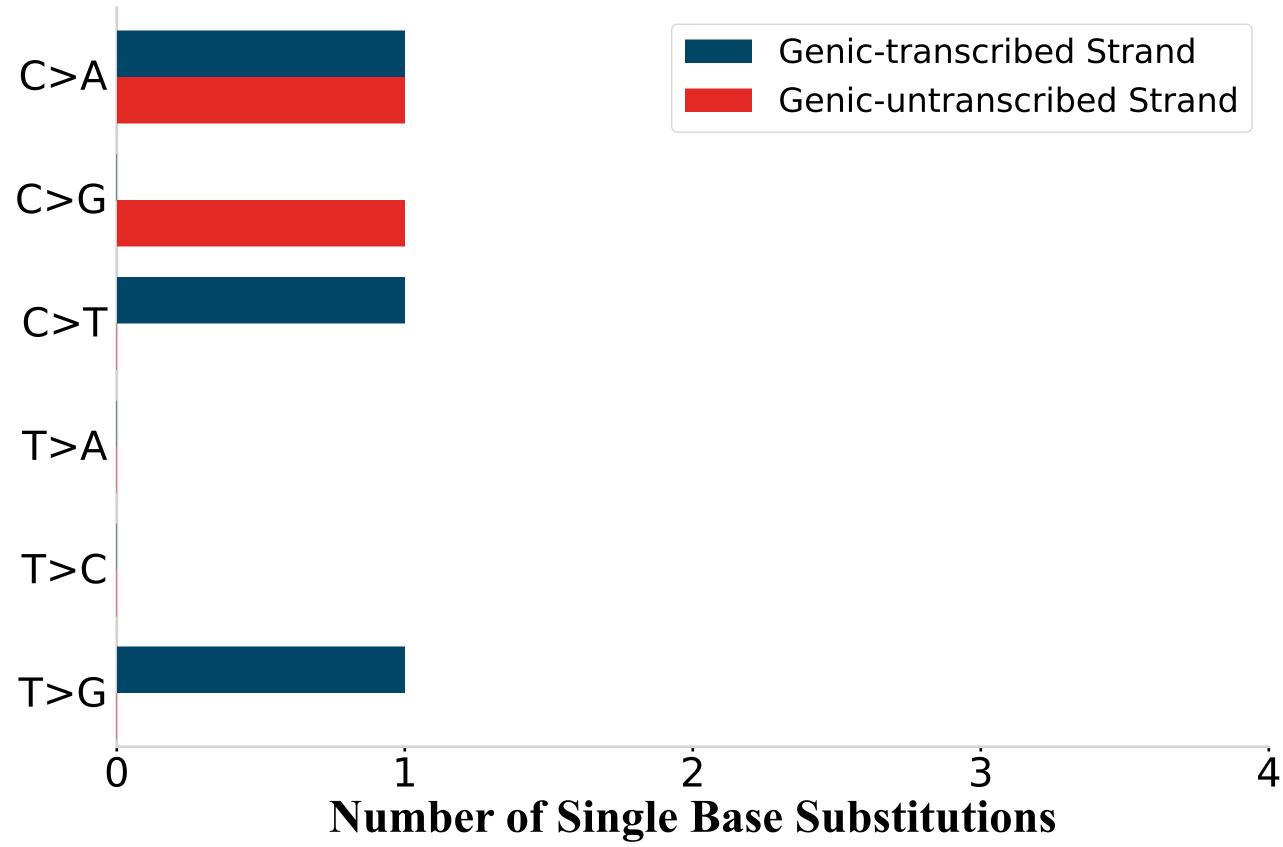
P-0003891-T01-IM5: 73 transcribed subs



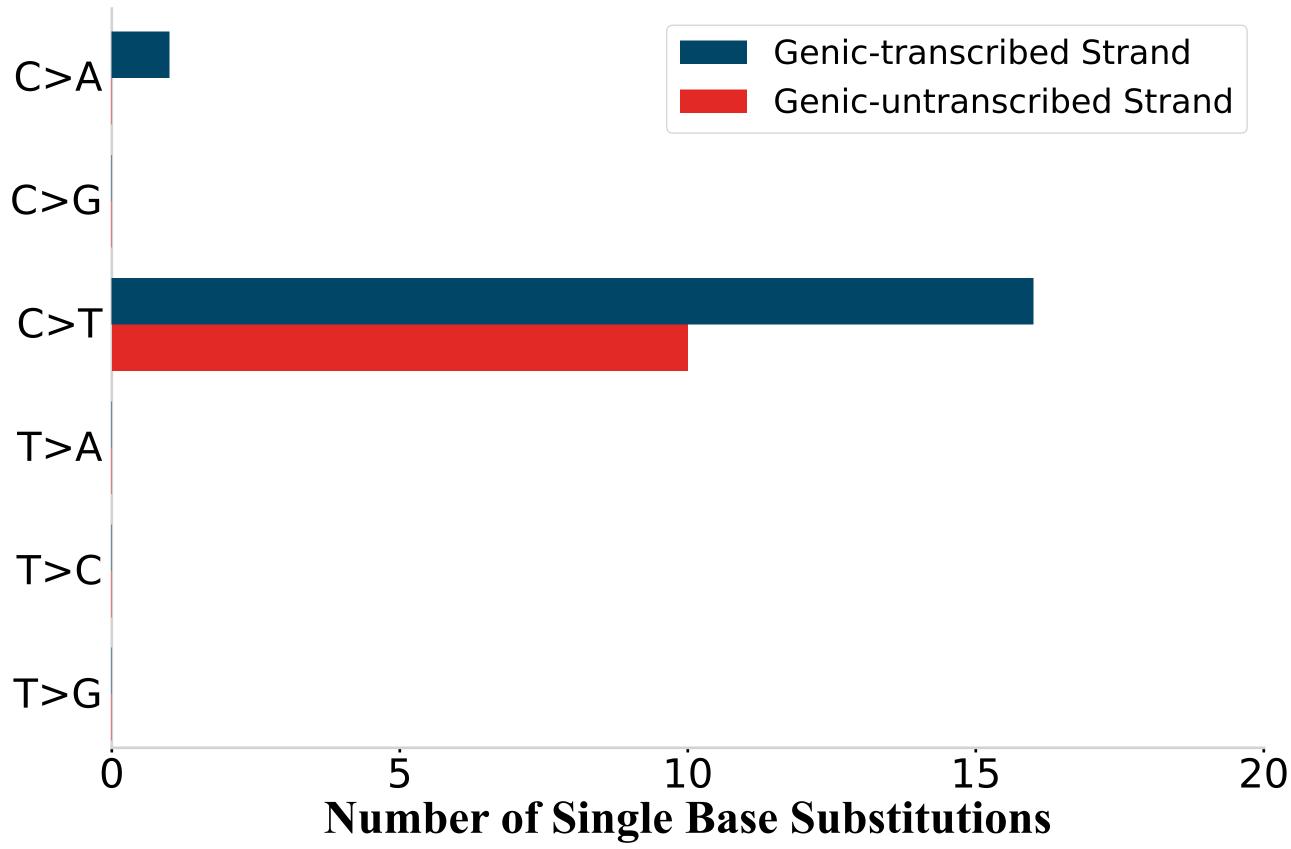
P-0003951-T01-IM3: 34 transcribed subs



P-0004130-T01-IM5: 5 transcribed subs

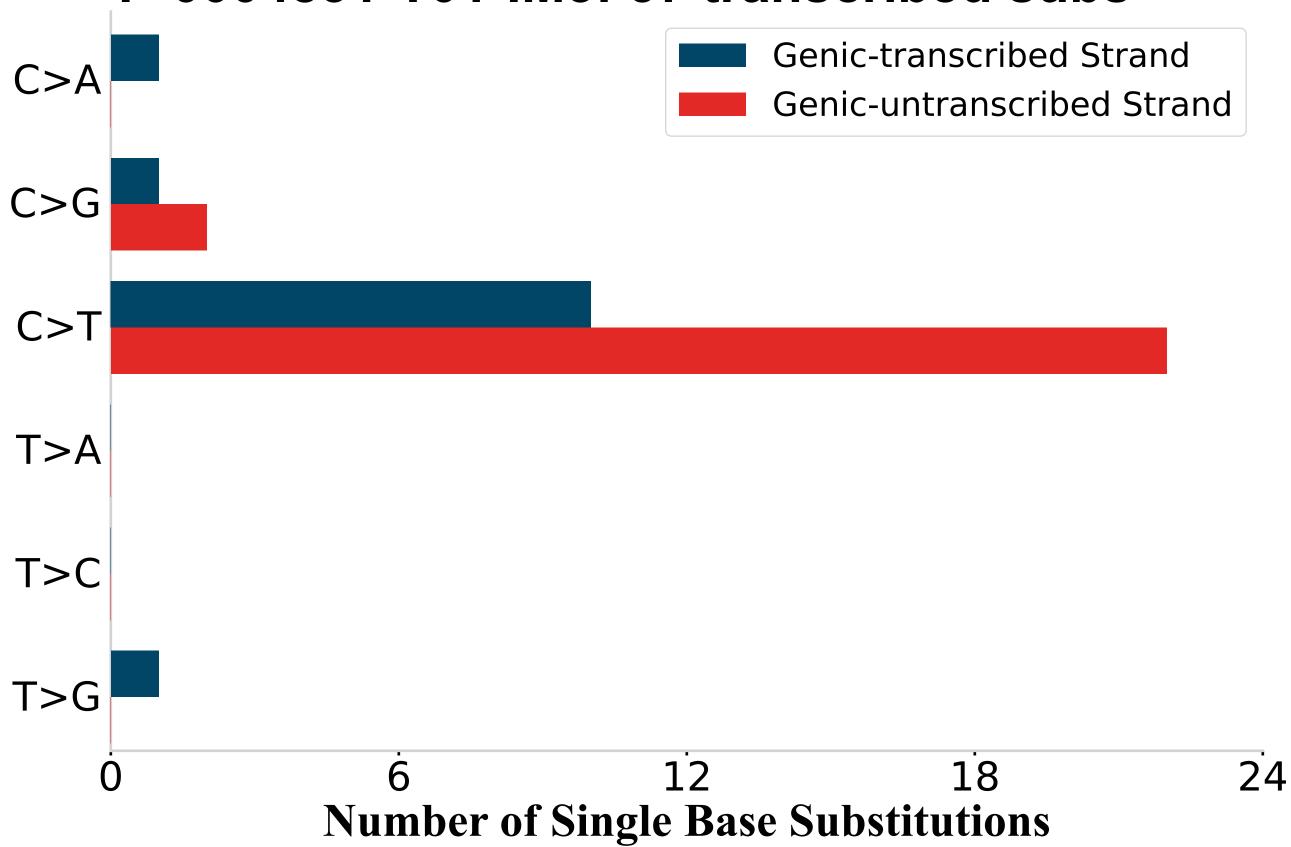


P-0004239-T01-IM5: 27 transcribed subs

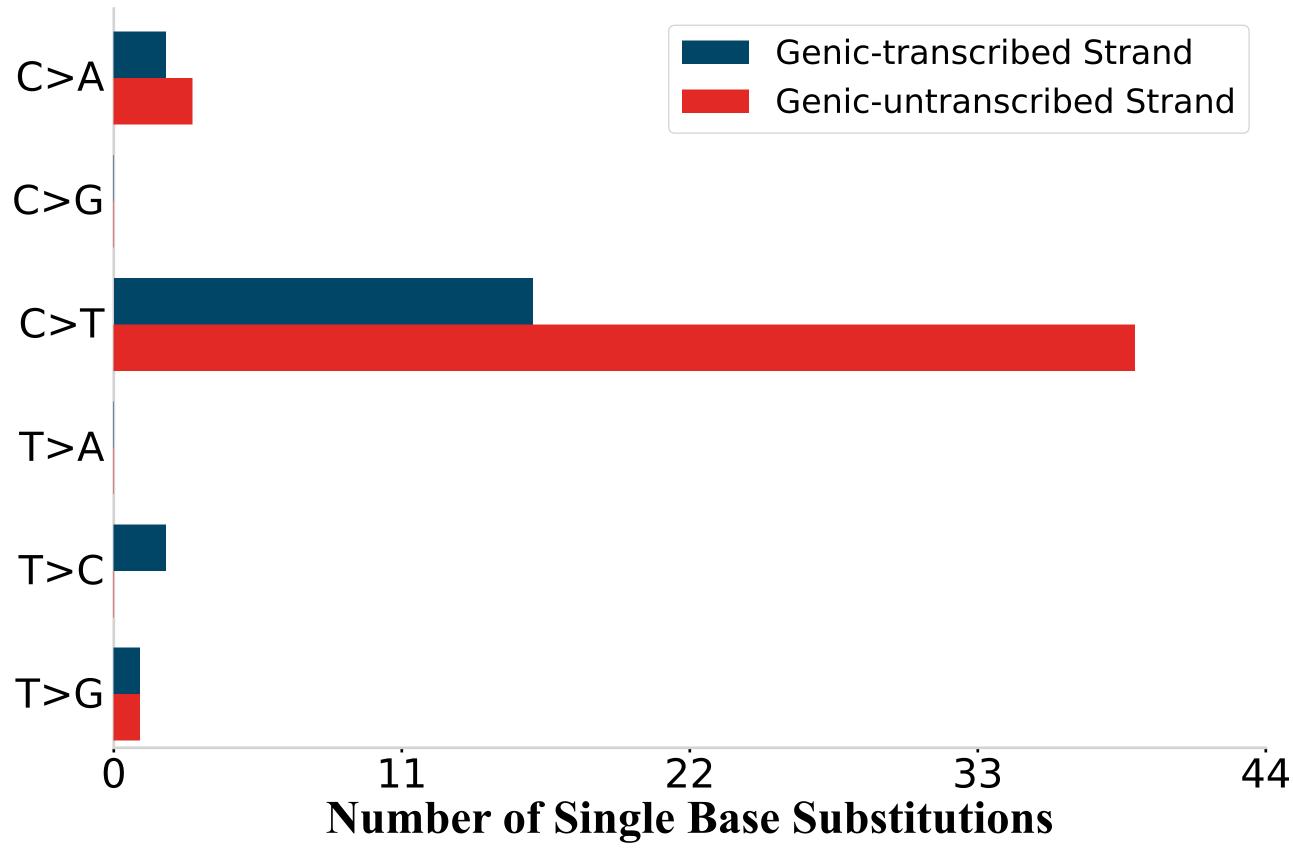


P-0004641-T01-IM5: 48 transcribed subs Genic-transcribed Strand C>A Genic-untranscribed Strand C>G C>T T>A T>C T>G 14 21 28 **Number of Single Base Substitutions**

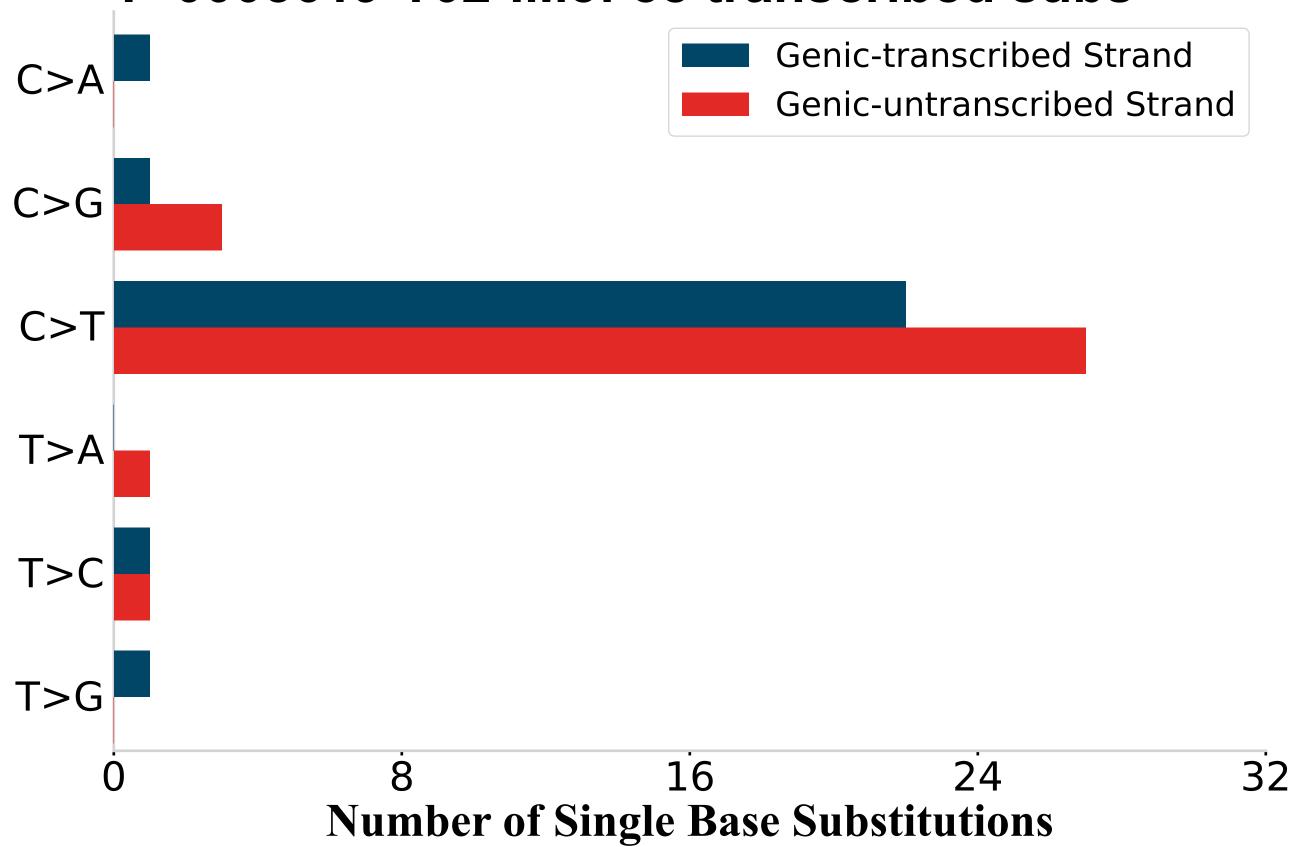
P-0004831-T01-IM5: 37 transcribed subs



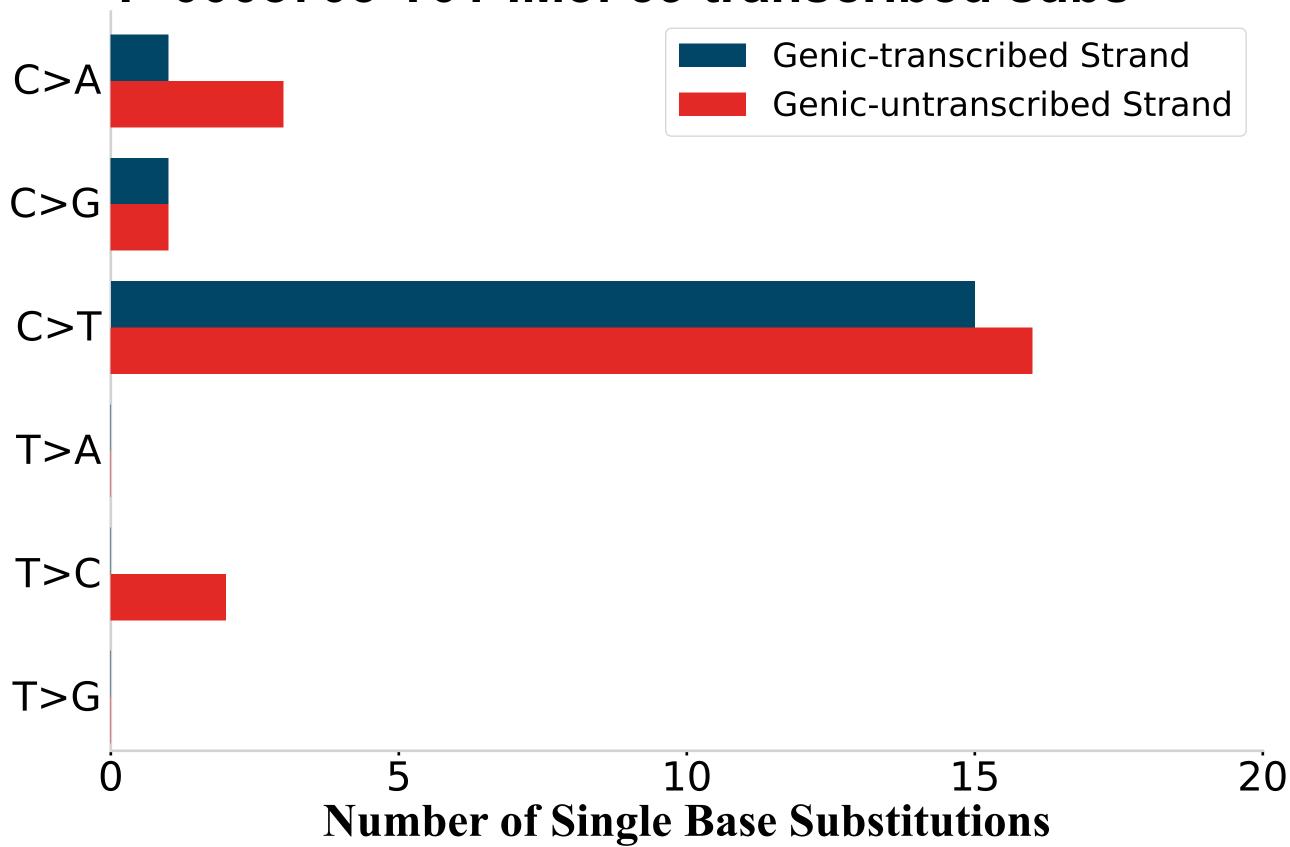
P-0005509-T01-IM5: 64 transcribed subs



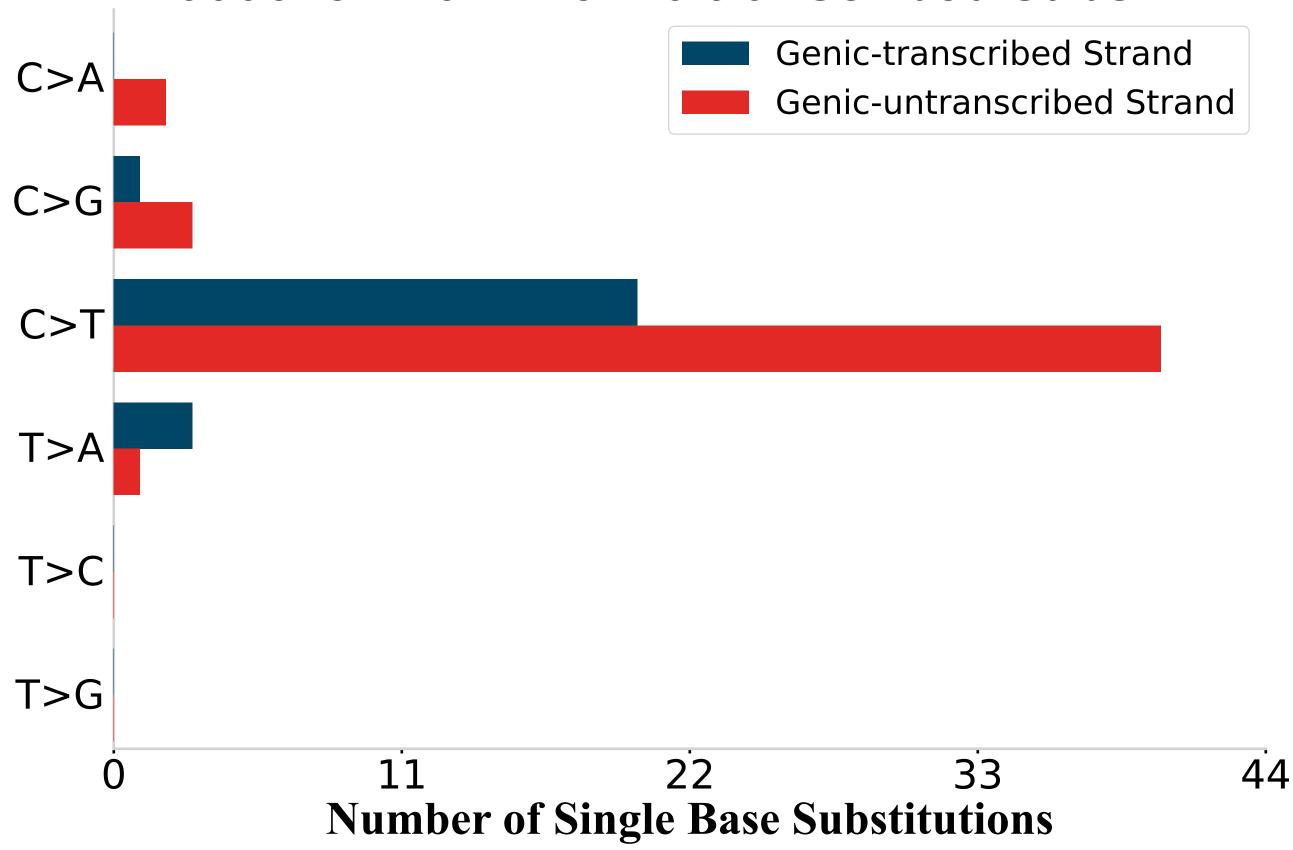
P-0005619-T02-IM5: 58 transcribed subs



P-0005703-T01-IM5: 39 transcribed subs

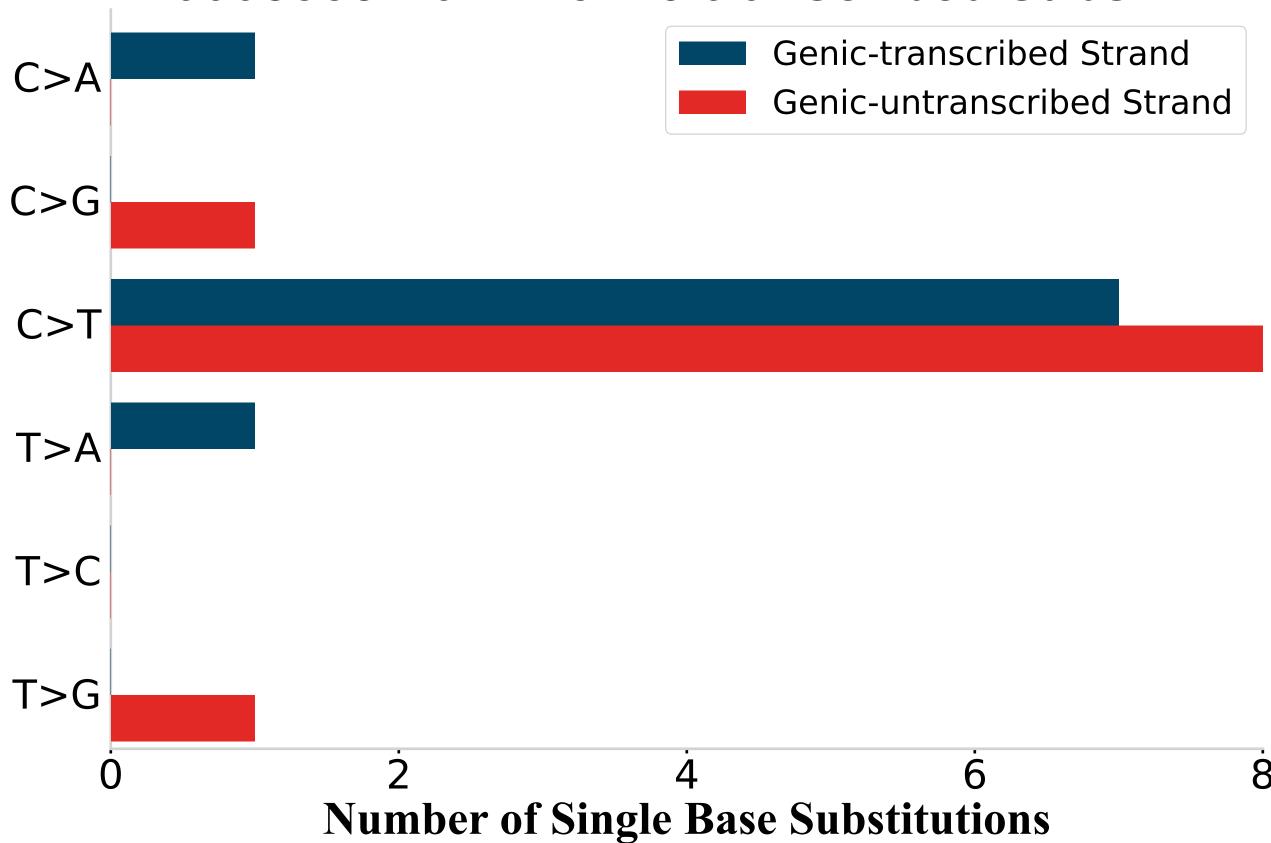


P-0006754-T01-IM5: 70 transcribed subs

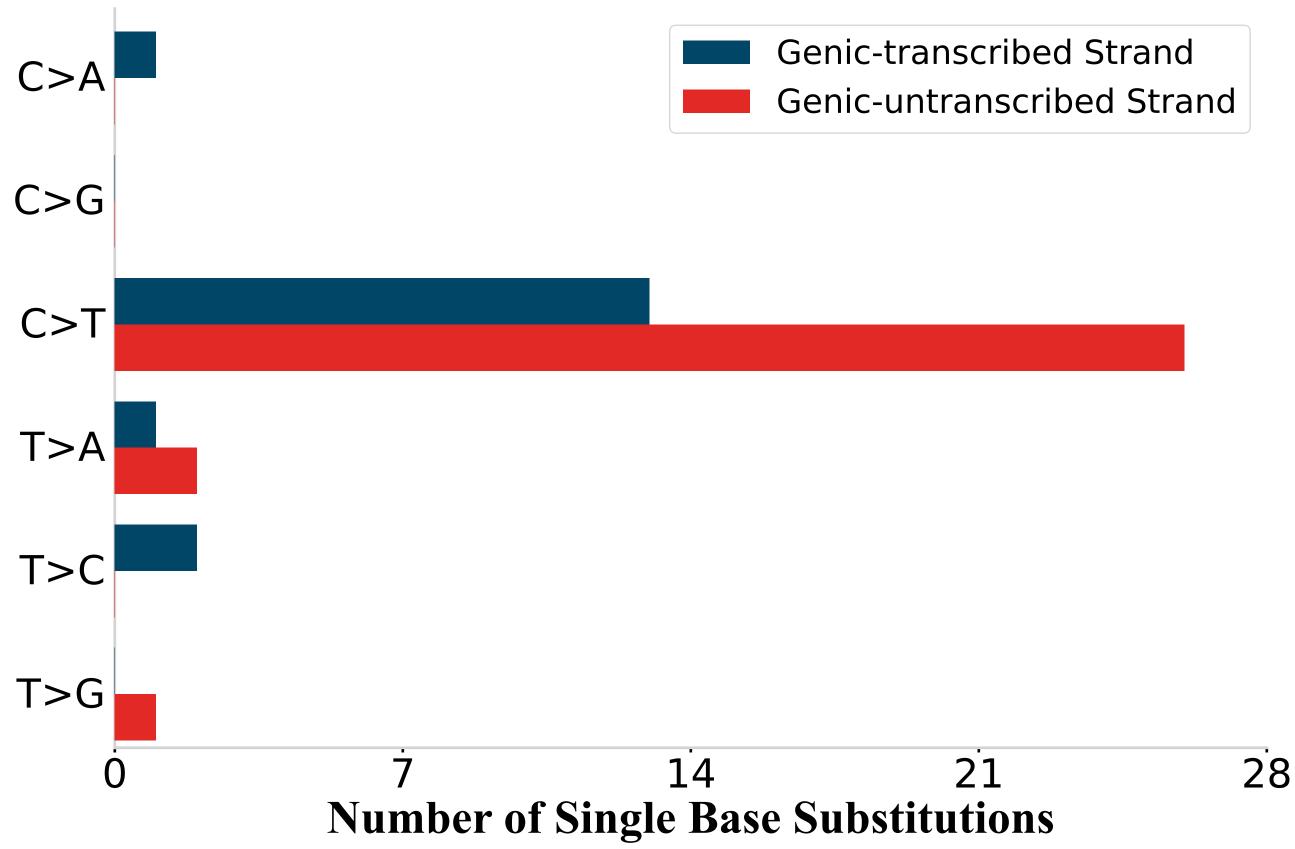


P-0007277-T01-IM5: 49 transcribed subs Genic-transcribed Strand C>A Genic-untranscribed Strand C>G C>T T>AT>C T>G 14 21 28 **Number of Single Base Substitutions**

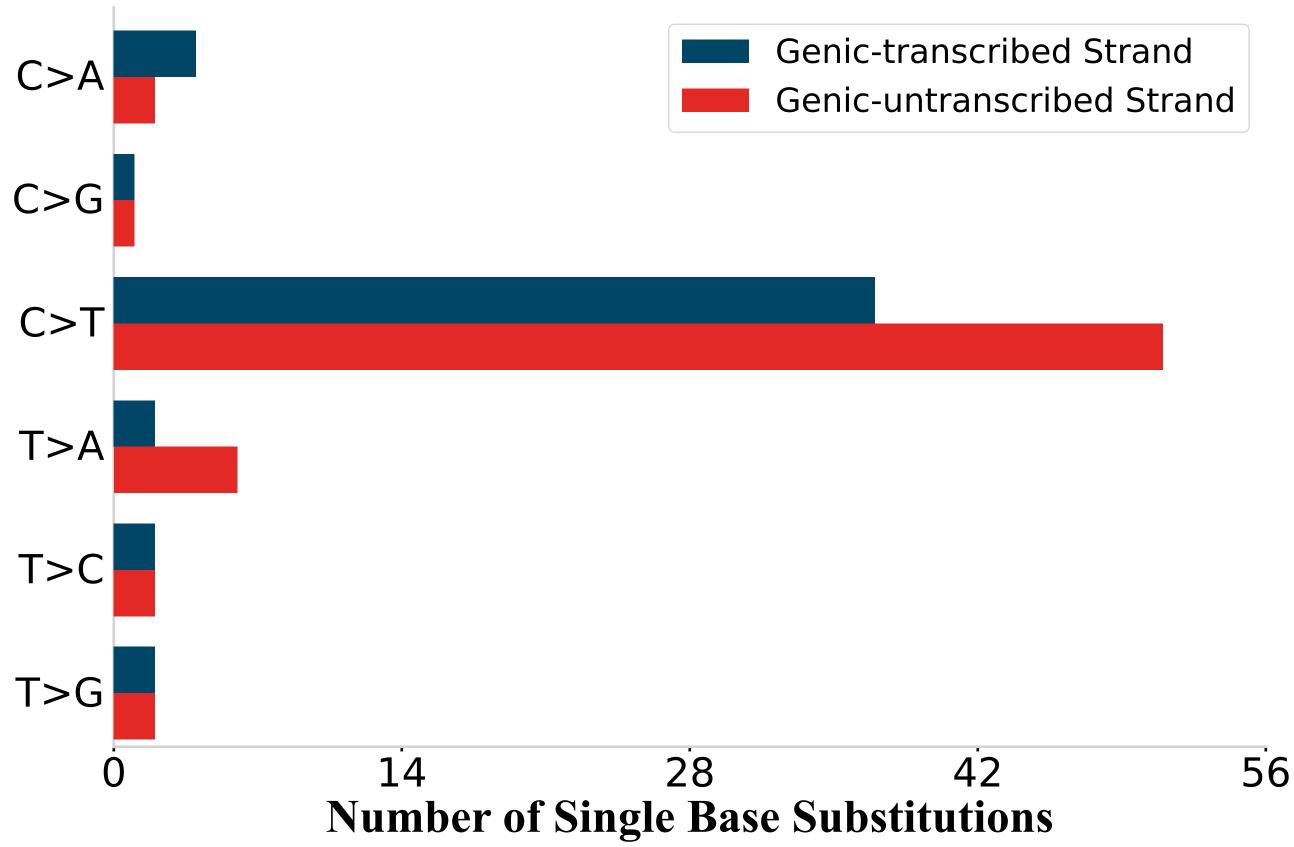
P-0008358-T01-IM5: 19 transcribed subs



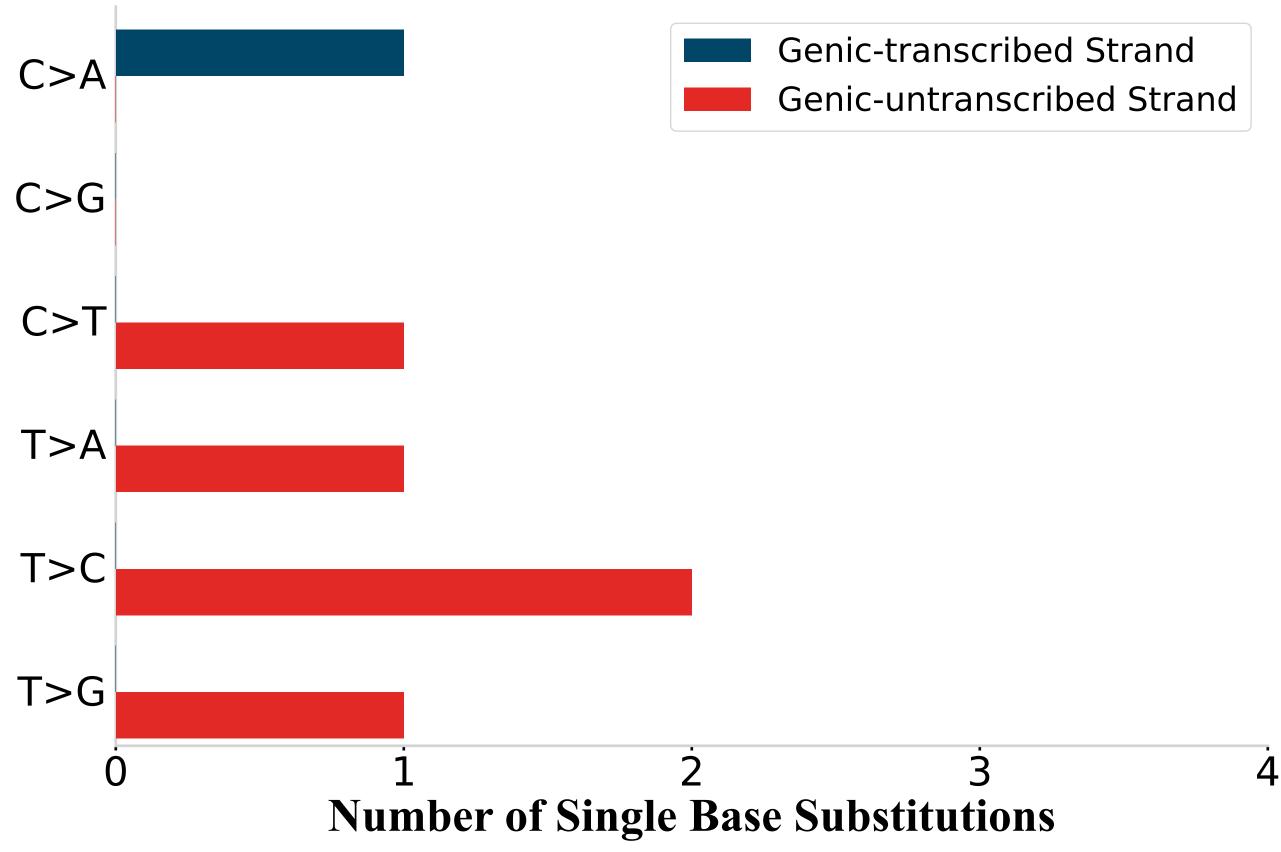
P-0008401-T01-IM5: 46 transcribed subs



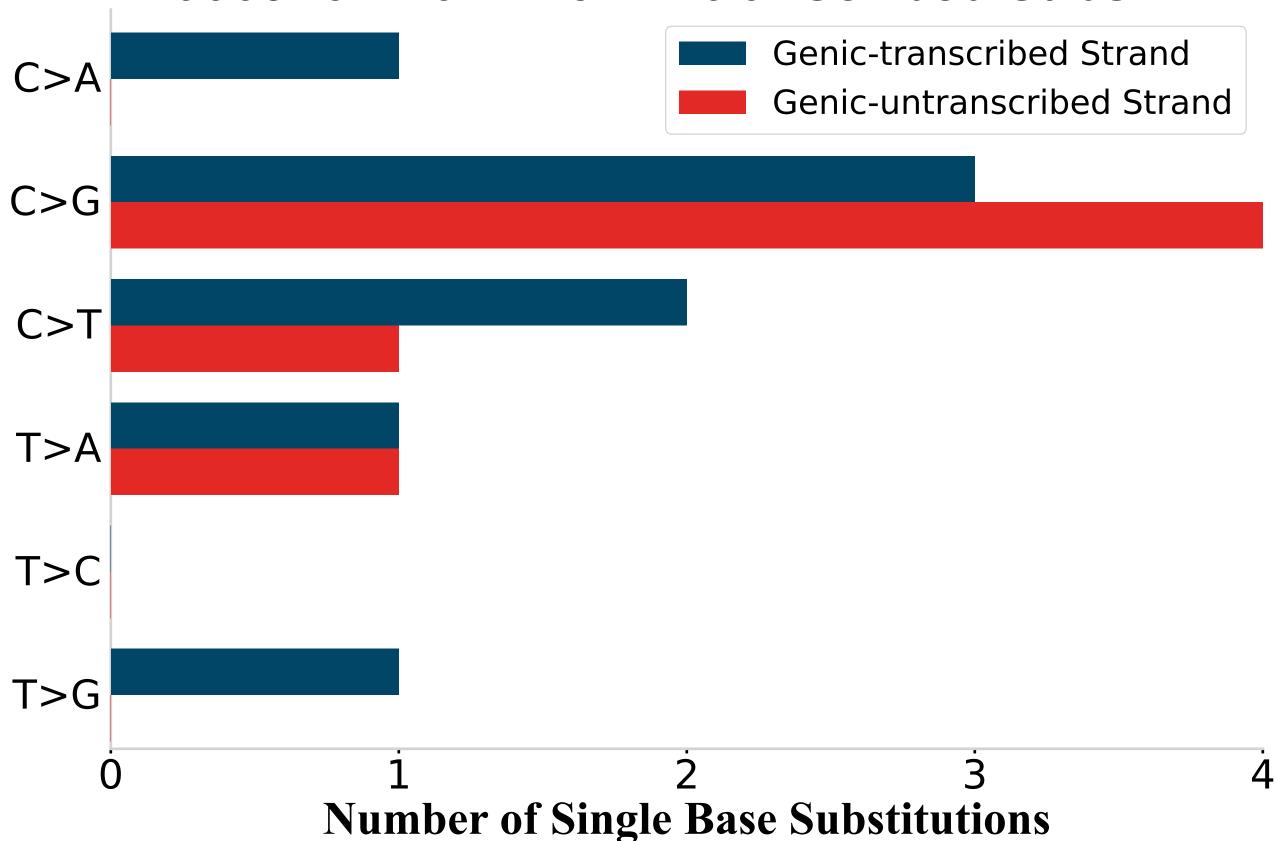
P-0008480-T01-IM5: 112 transcribed subs



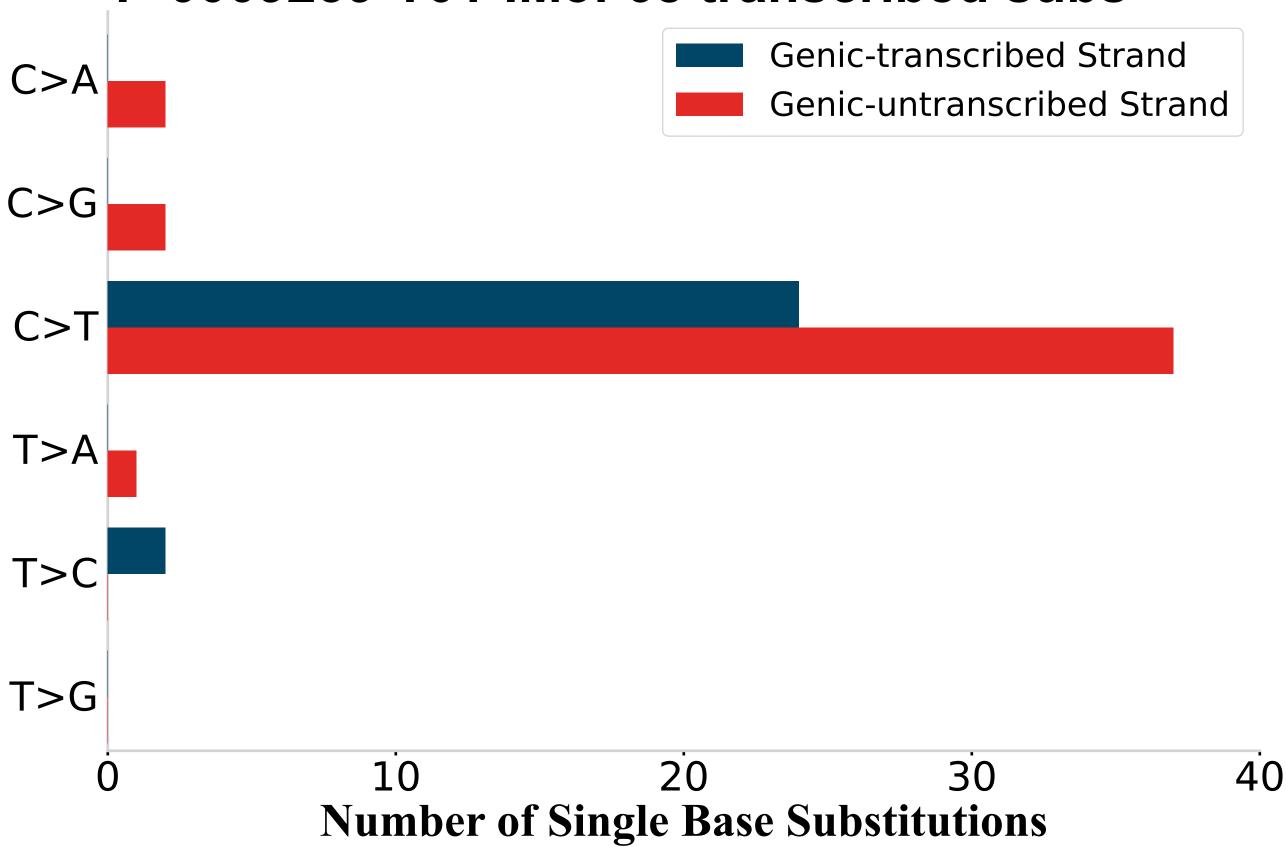
P-0008972-T01-IM5: 6 transcribed subs



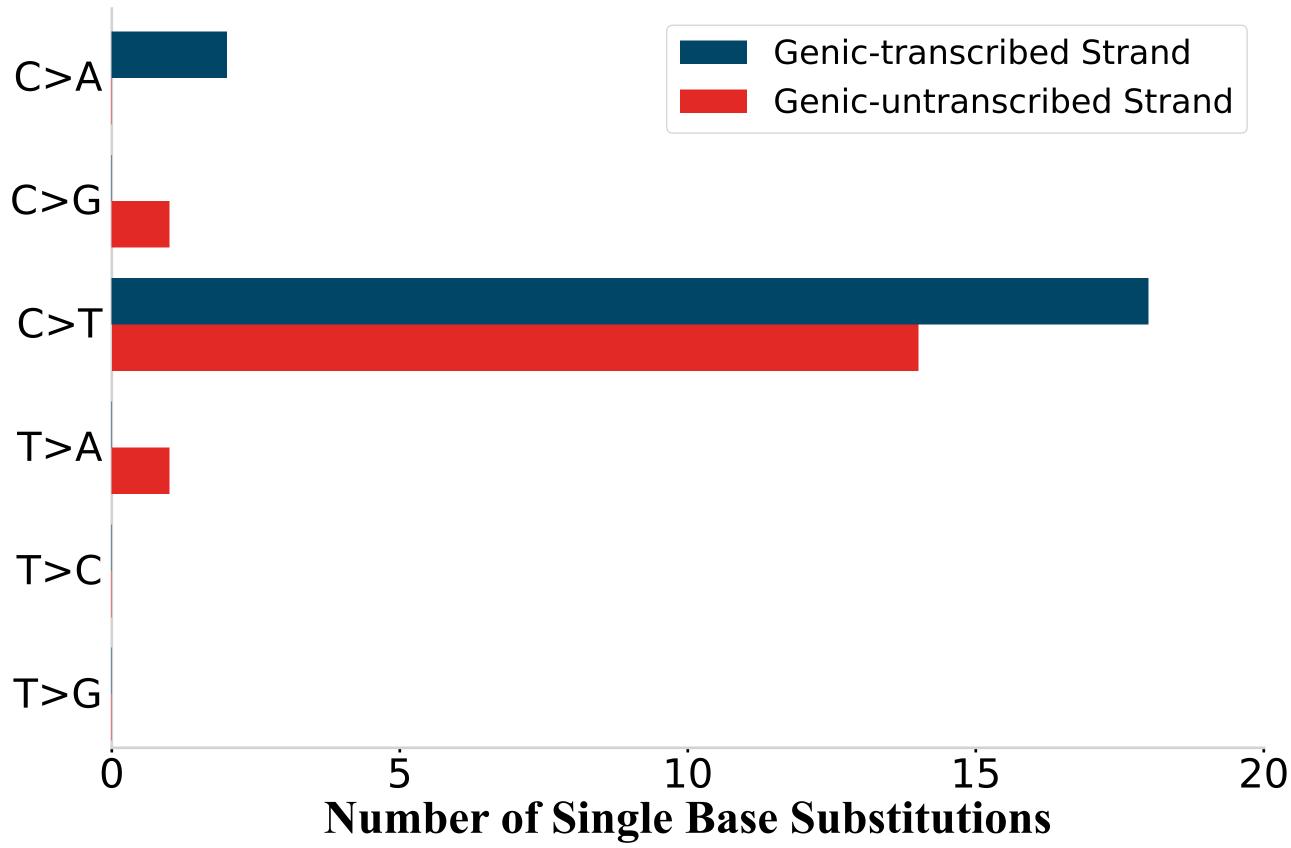
P-0009162-T01-IM5: 14 transcribed subs



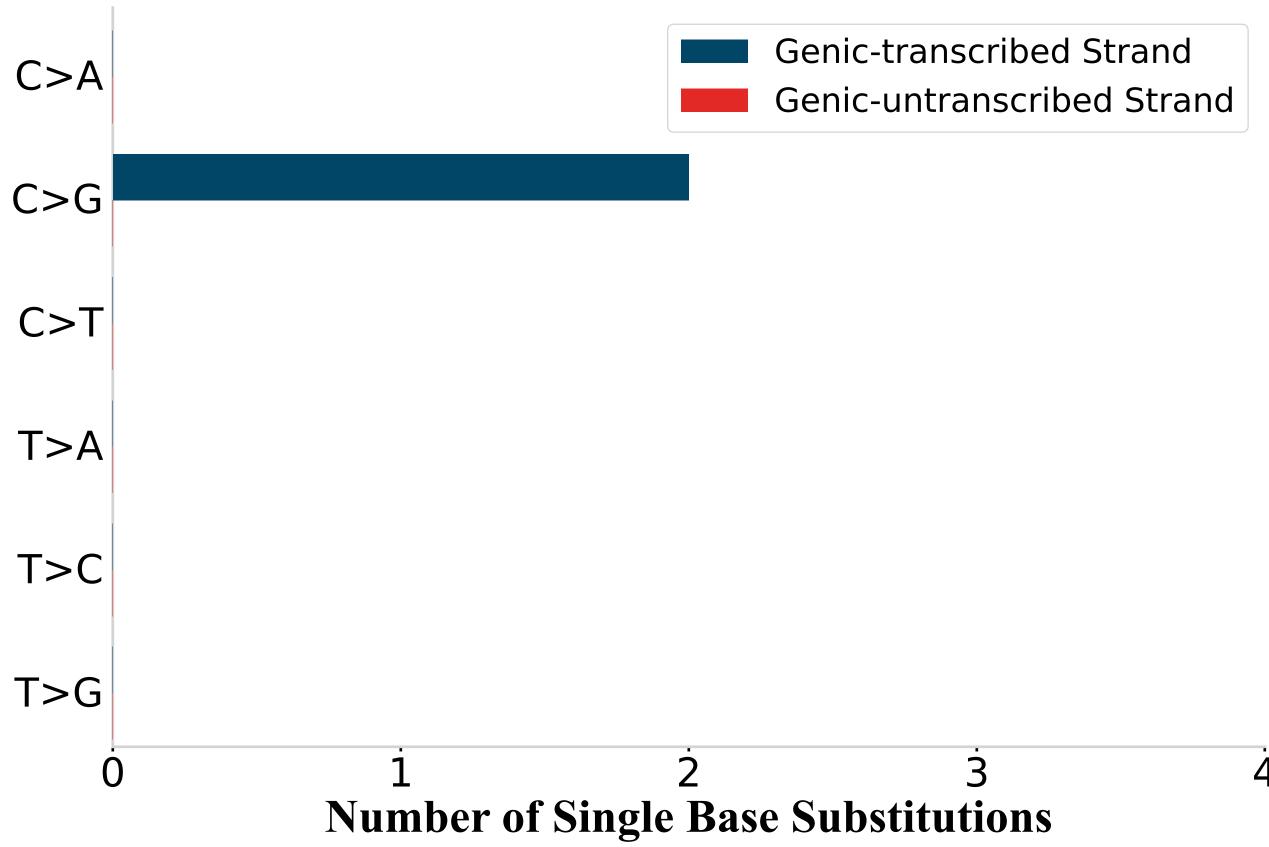
P-0009239-T01-IM5: 68 transcribed subs



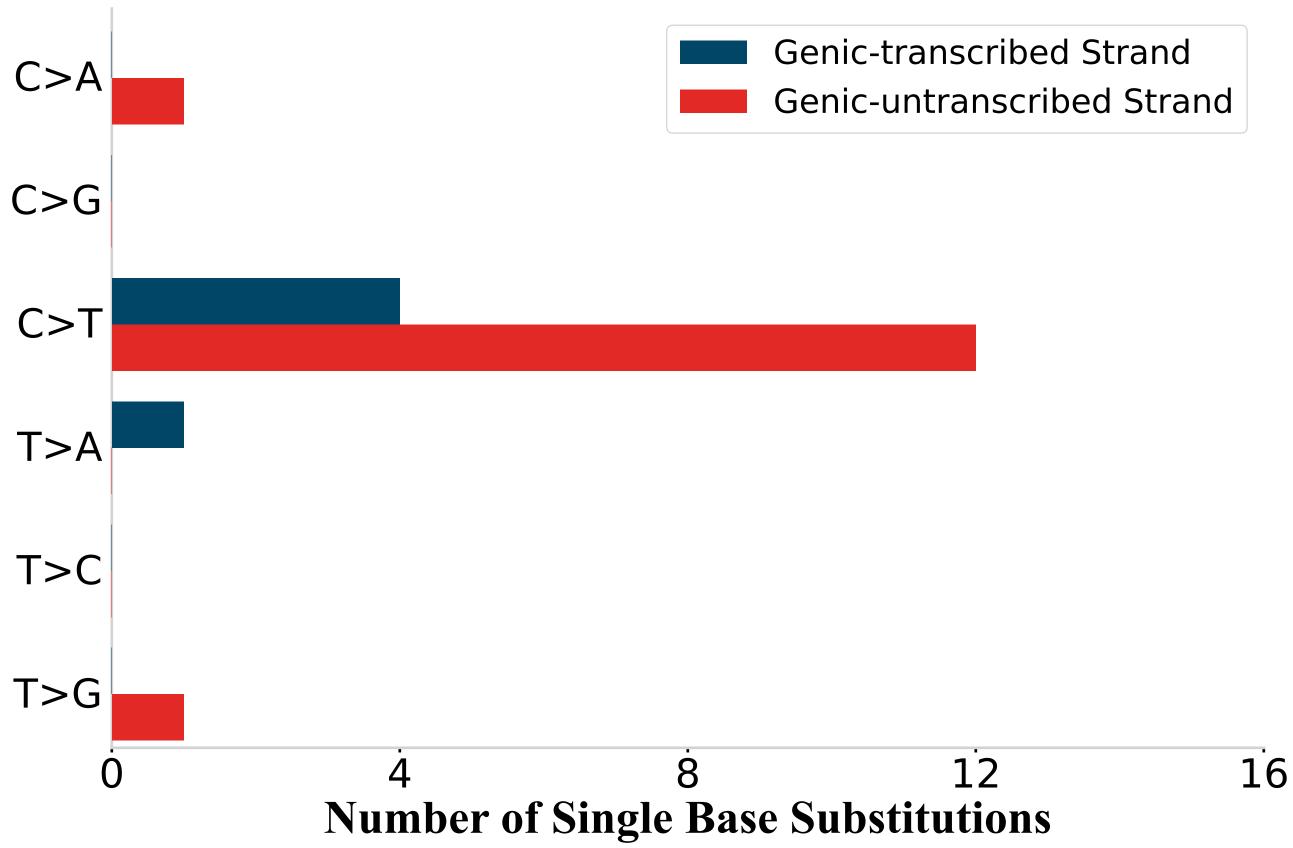
P-0009258-T01-IM5: 36 transcribed subs



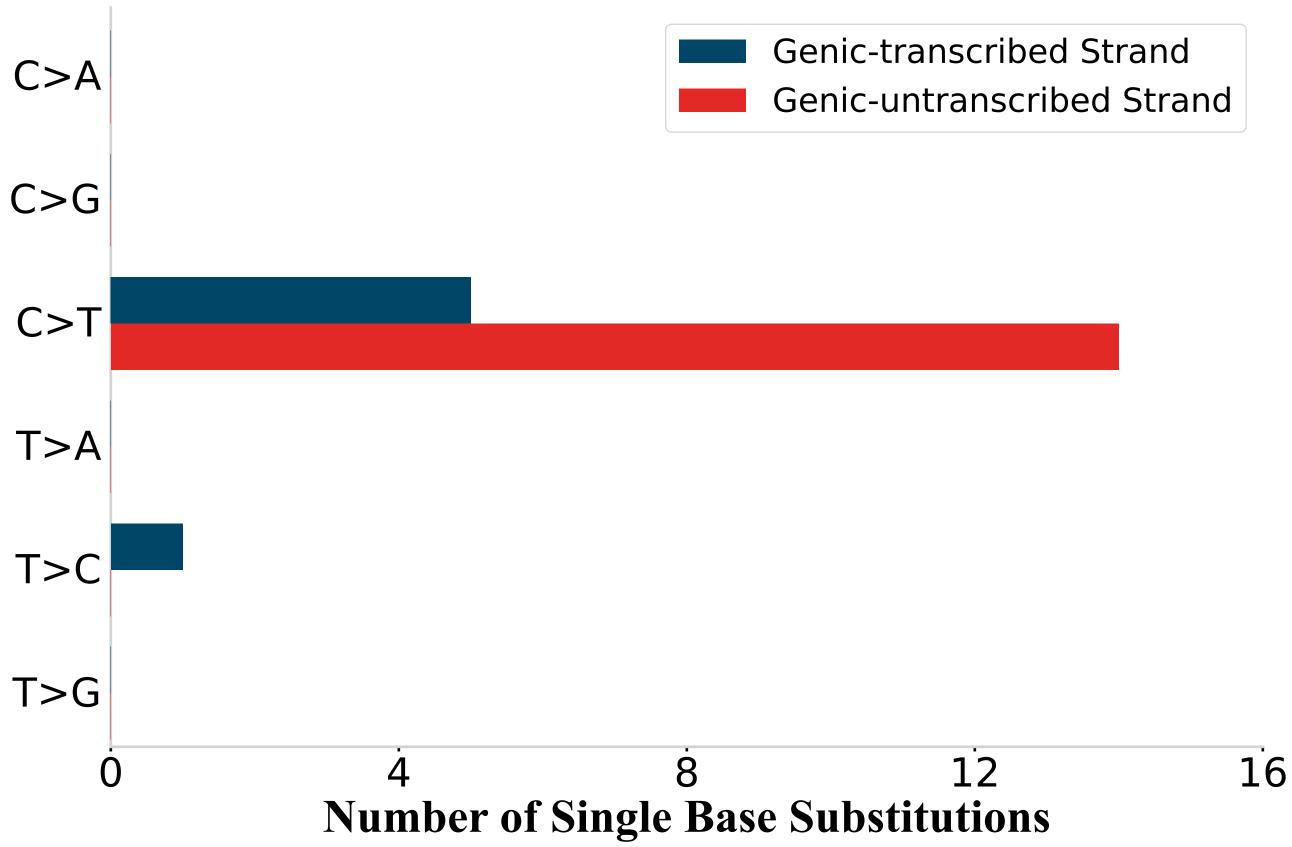
P-0009322-T01-IM5: 2 transcribed subs



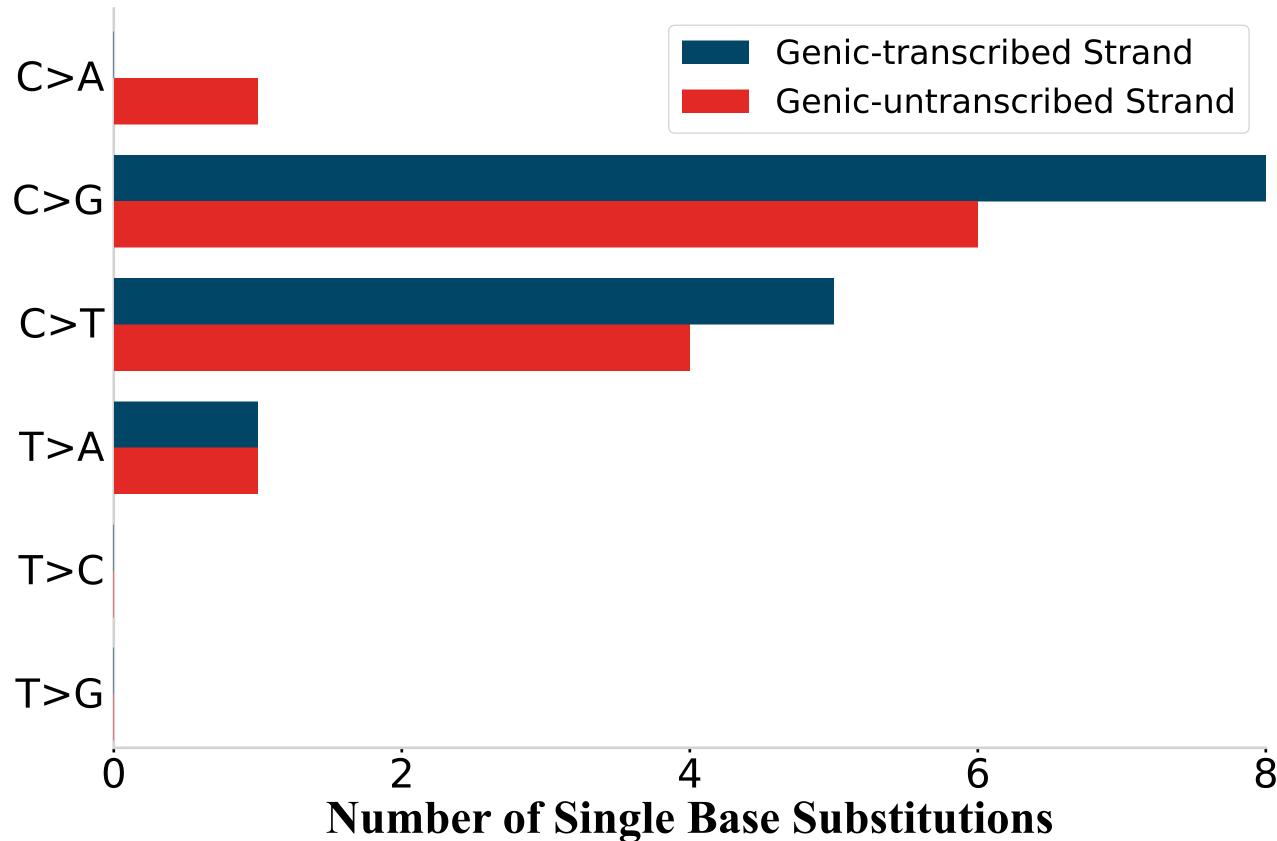
P-0009795-T01-IM5: 19 transcribed subs



P-0009940-T01-IM5: 20 transcribed subs

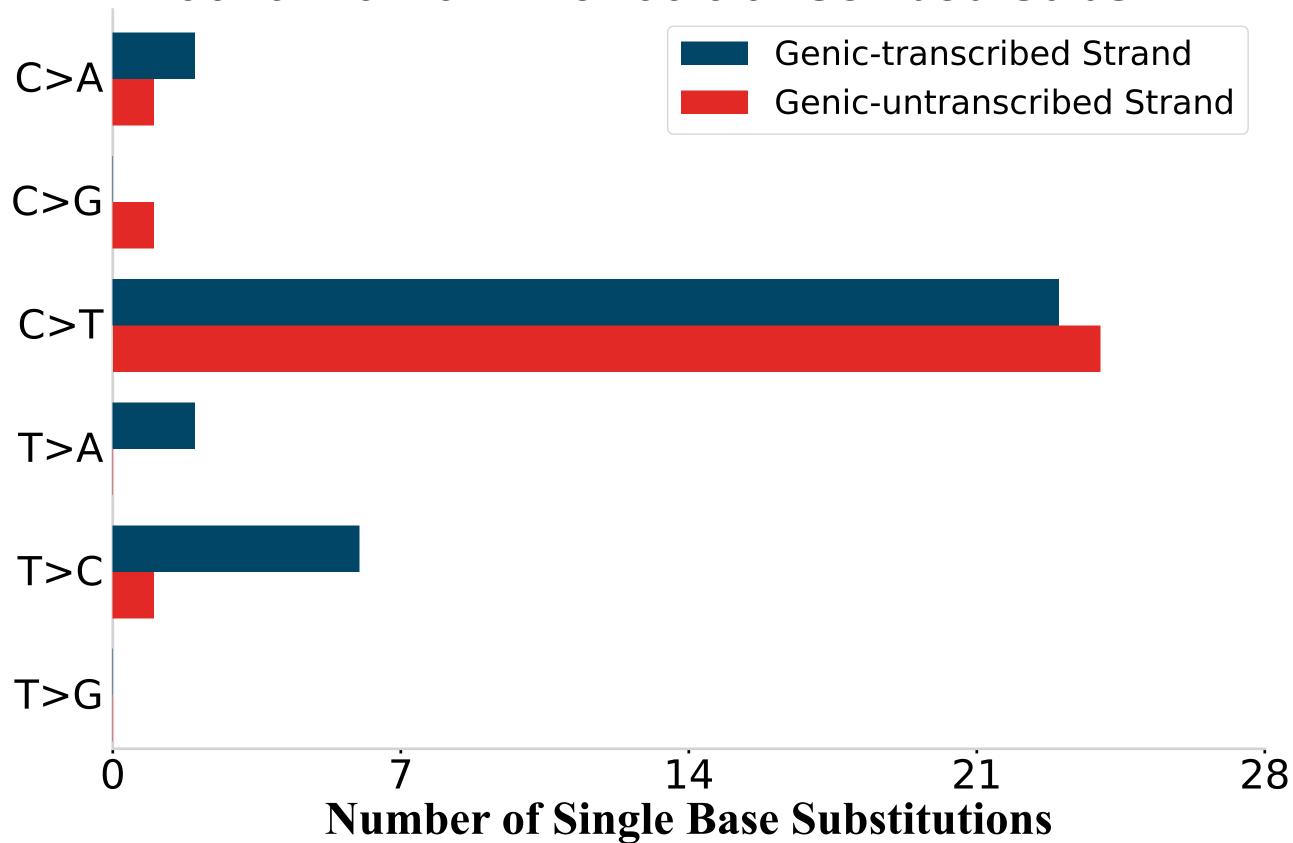


P-0009962-T01-IM5: 26 transcribed subs



P-0010145-T01-IM5: 67 transcribed subs Genic-transcribed Strand C>A Genic-untranscribed Strand C>T T>AT>C T>G 12 24 36 48 **Number of Single Base Substitutions**

P-0010420-T01-IM5: 60 transcribed subs

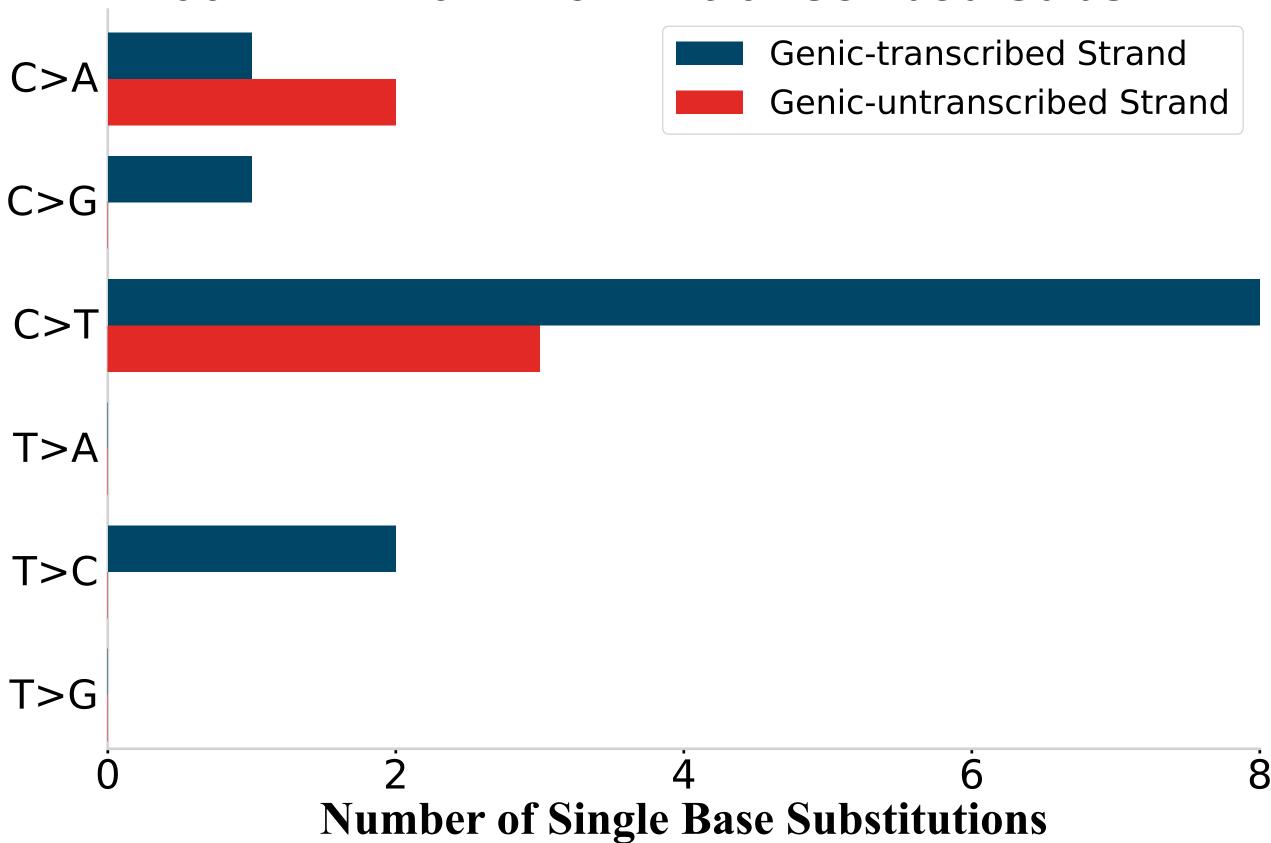


P-0010649-T01-IM5: 104 transcribed subs Genic-transcribed Strand C>A Genic-untranscribed Strand C>G C>T T>A T>C T>G

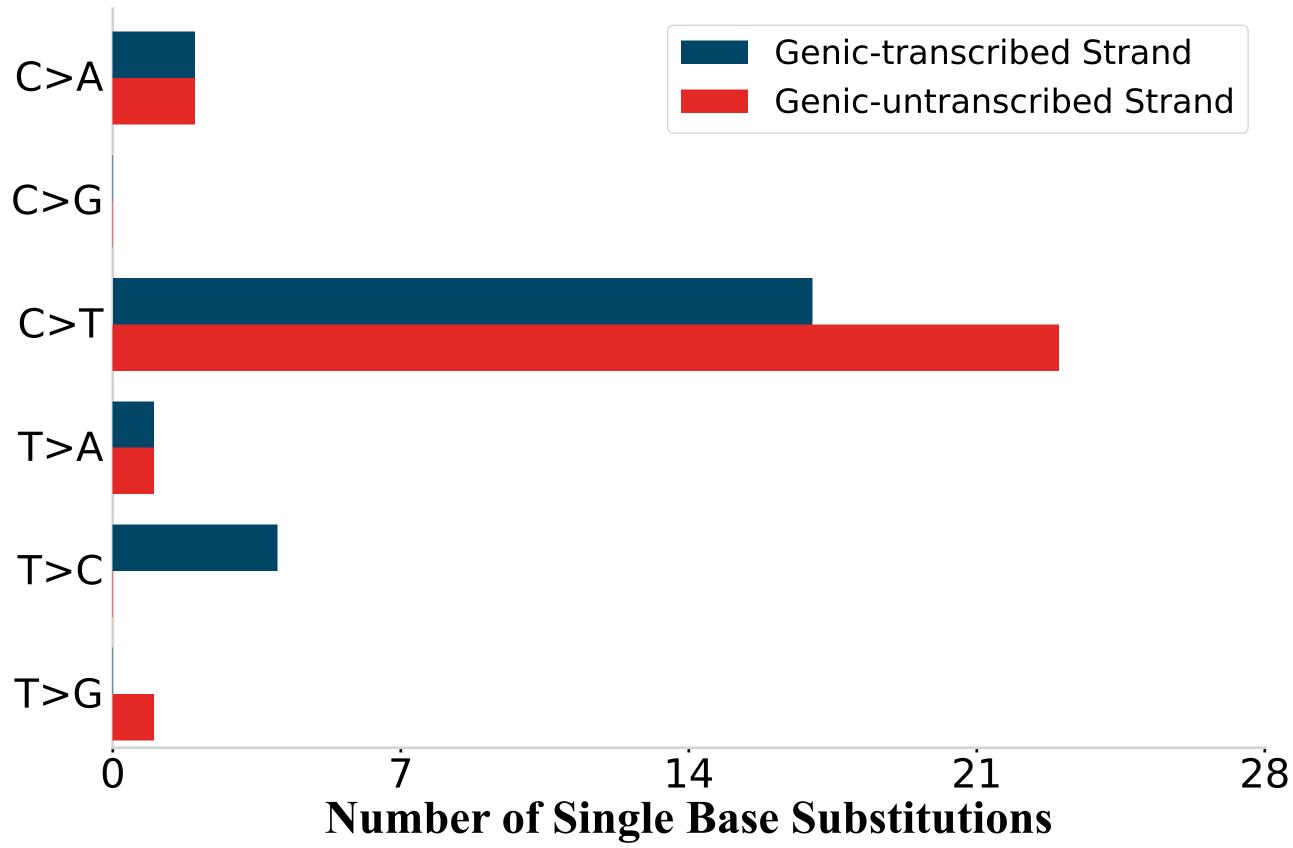
14 28 42 Number of Single Base Substitutions

56

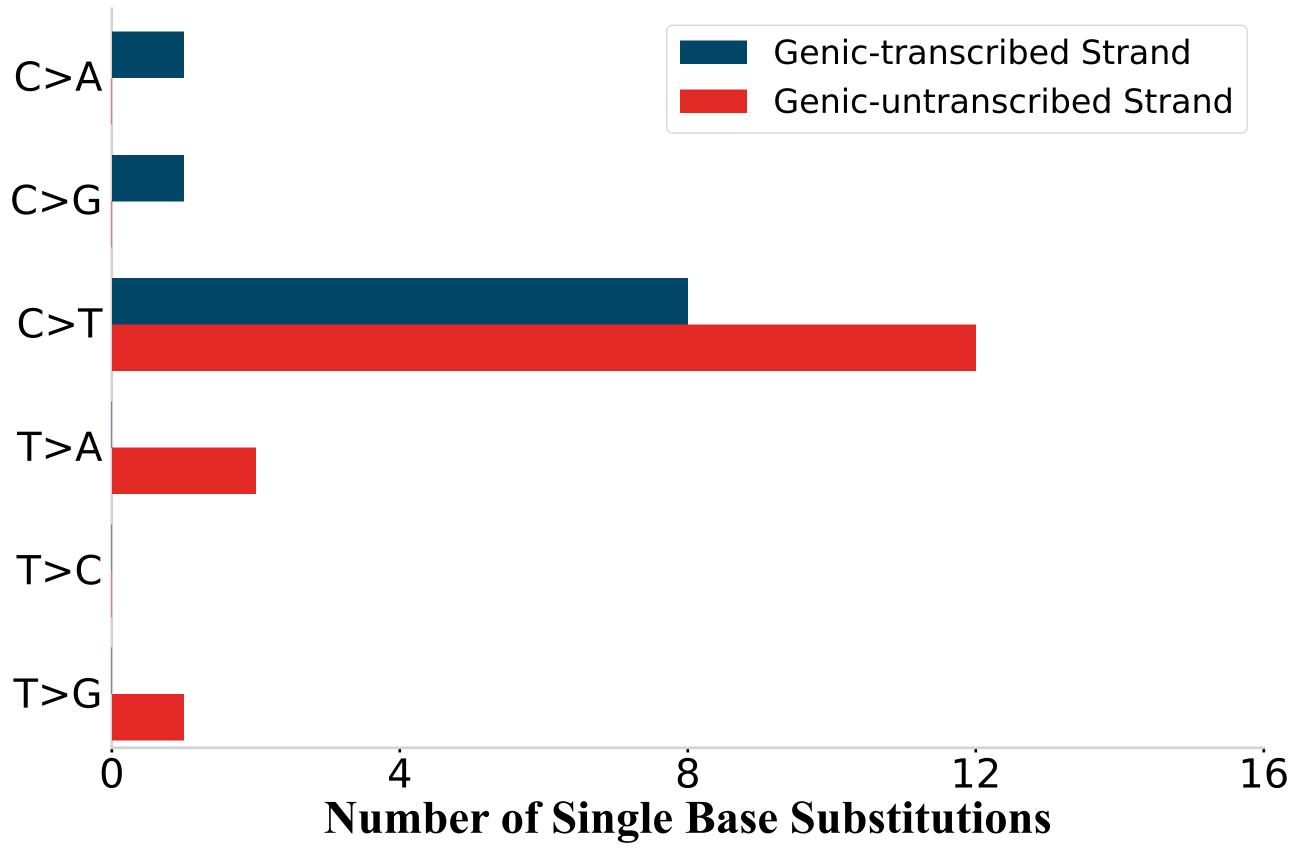
P-0012124-T01-IM5: 17 transcribed subs



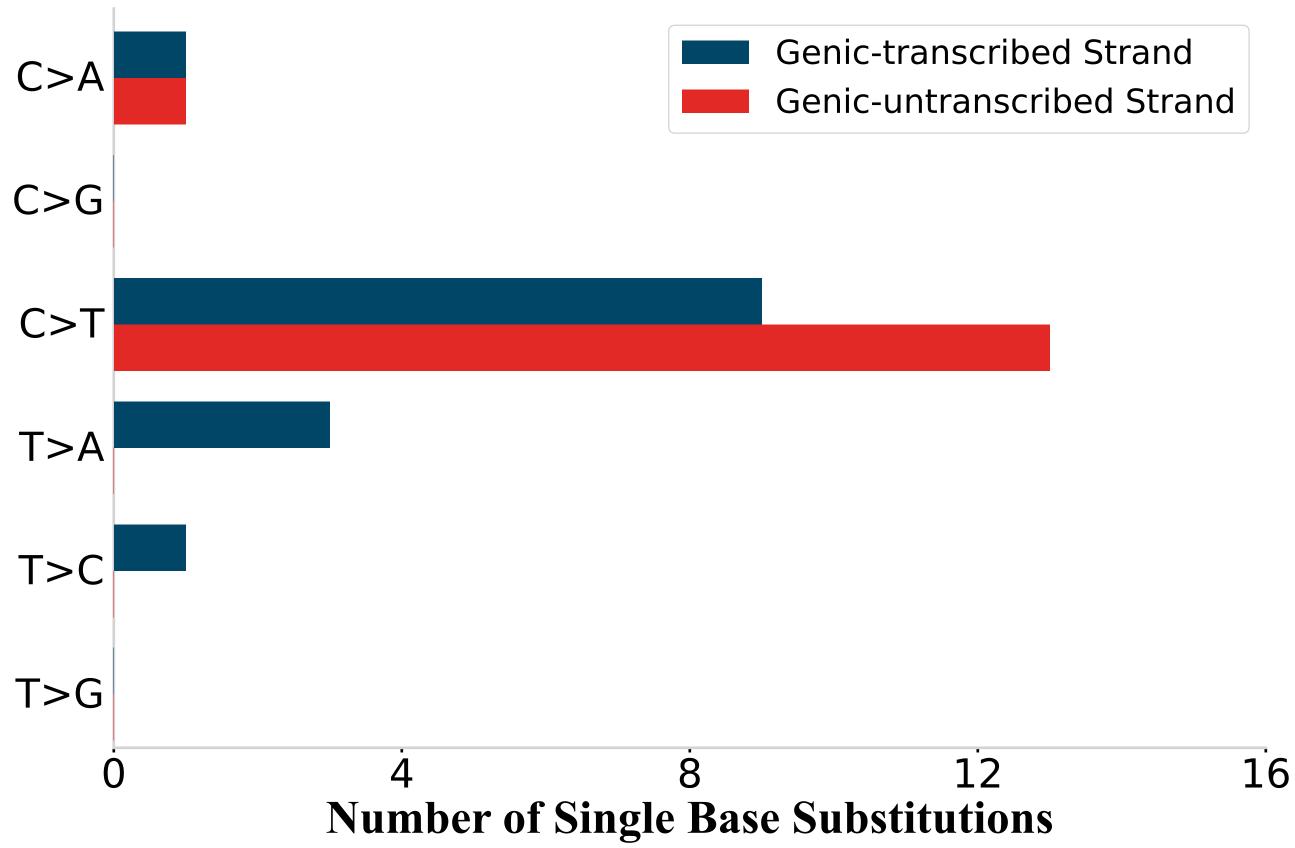
P-0012129-T01-IM5: 51 transcribed subs



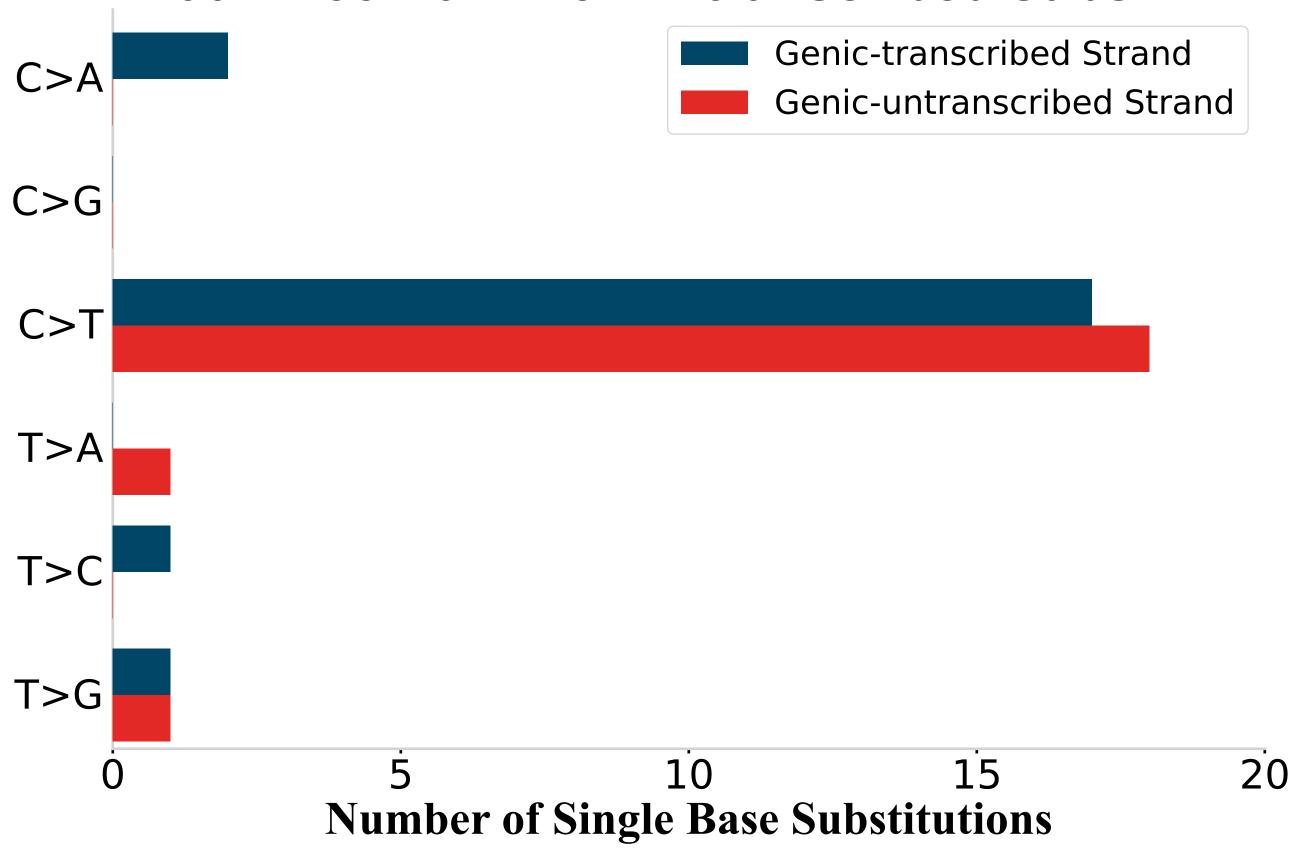
P-0012202-T01-IM5: 25 transcribed subs



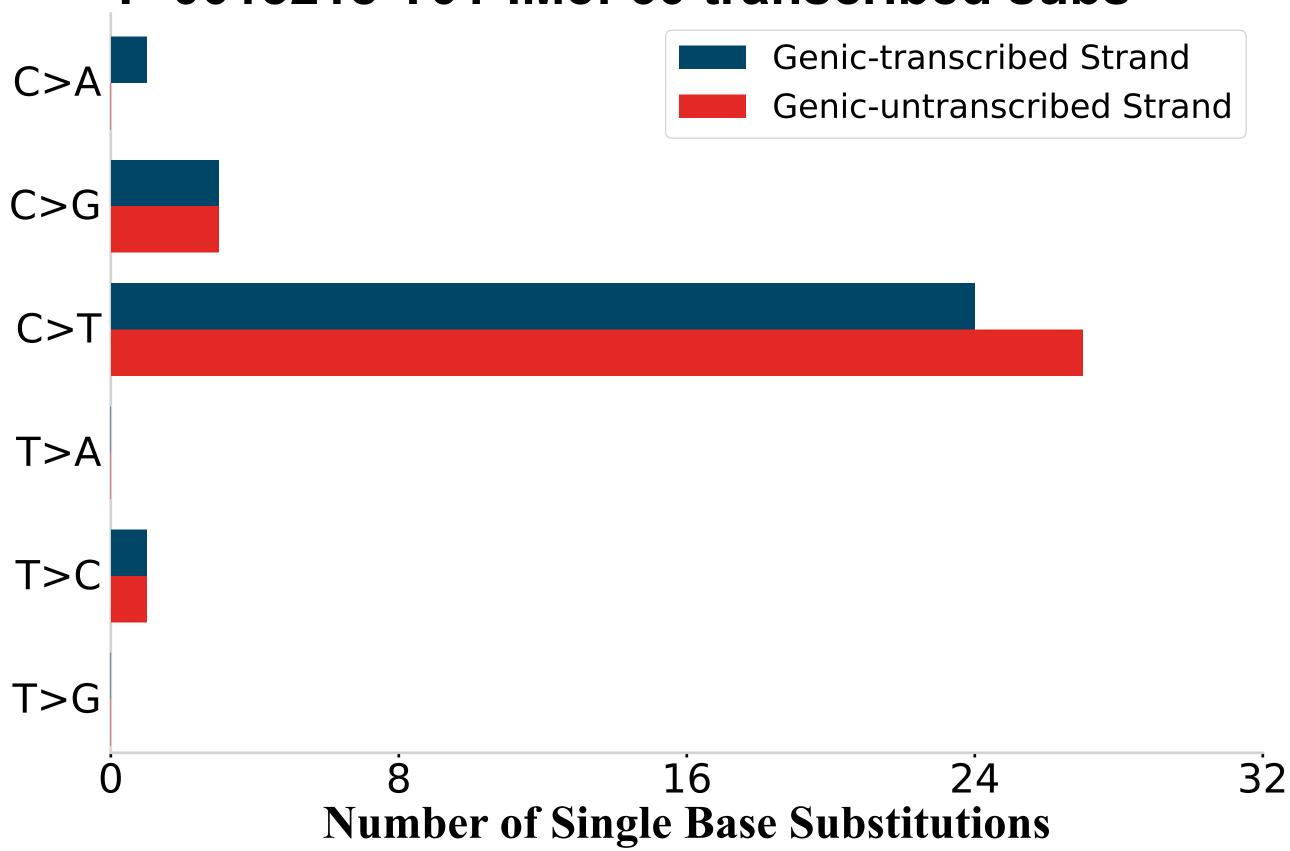
P-0012333-T01-IM5: 28 transcribed subs



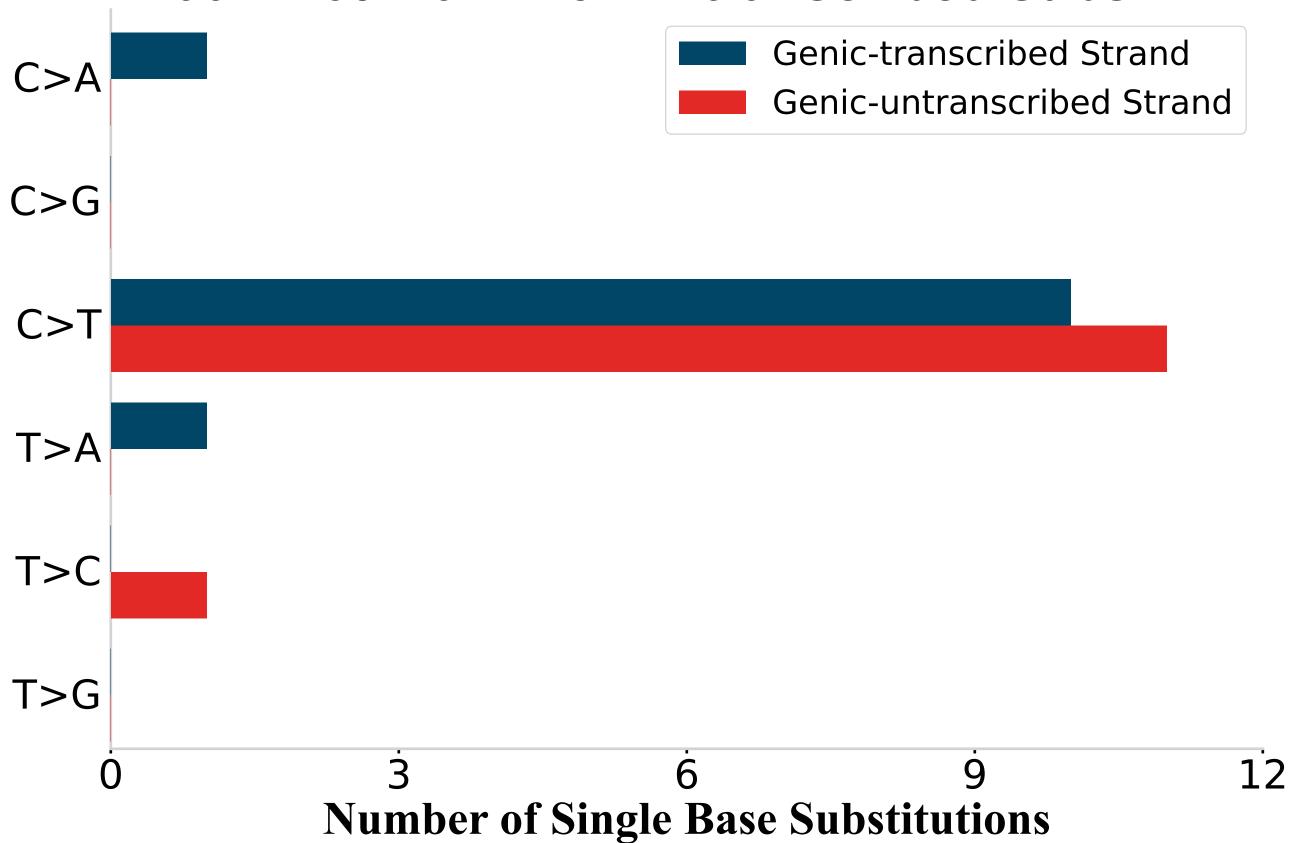
P-0012455-T01-IM5: 41 transcribed subs



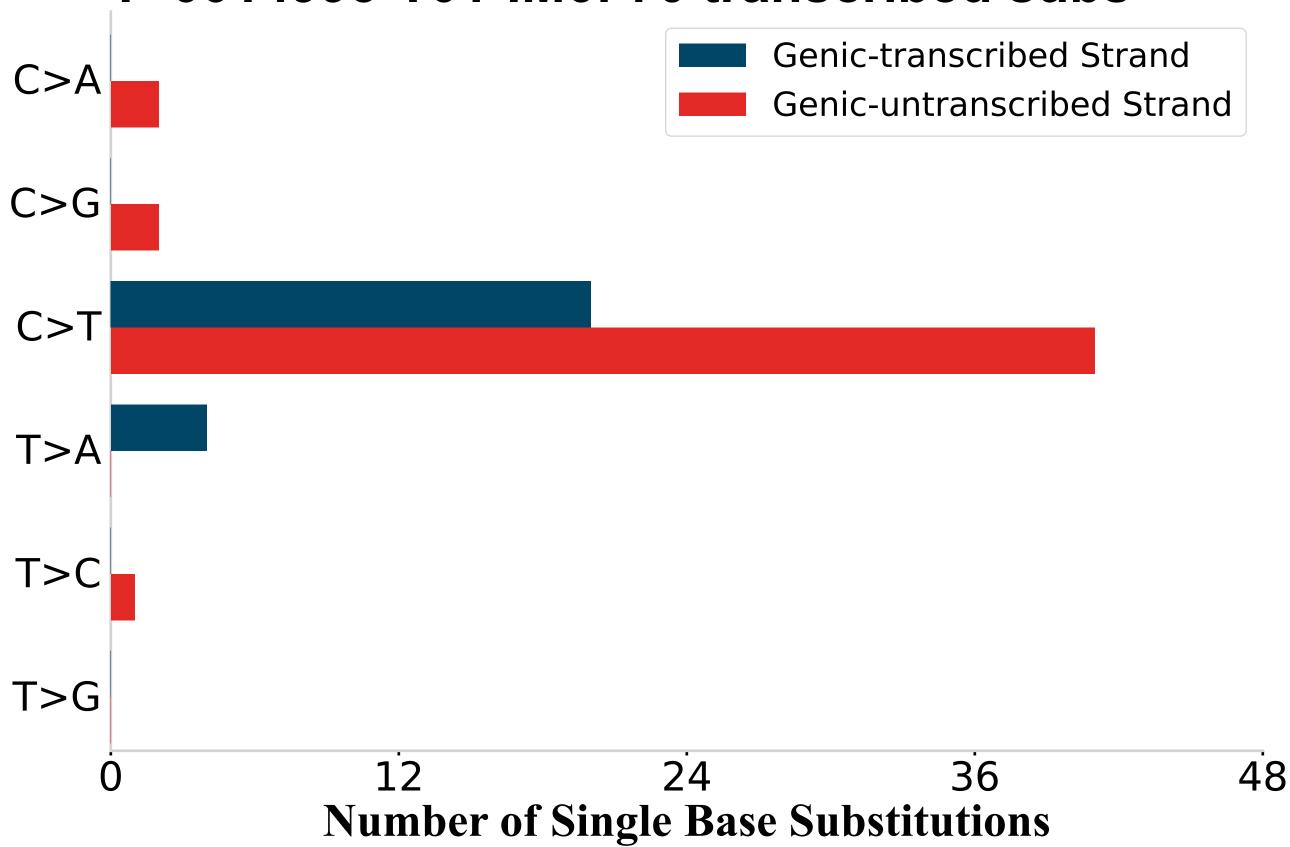
P-0013218-T01-IM5: 60 transcribed subs



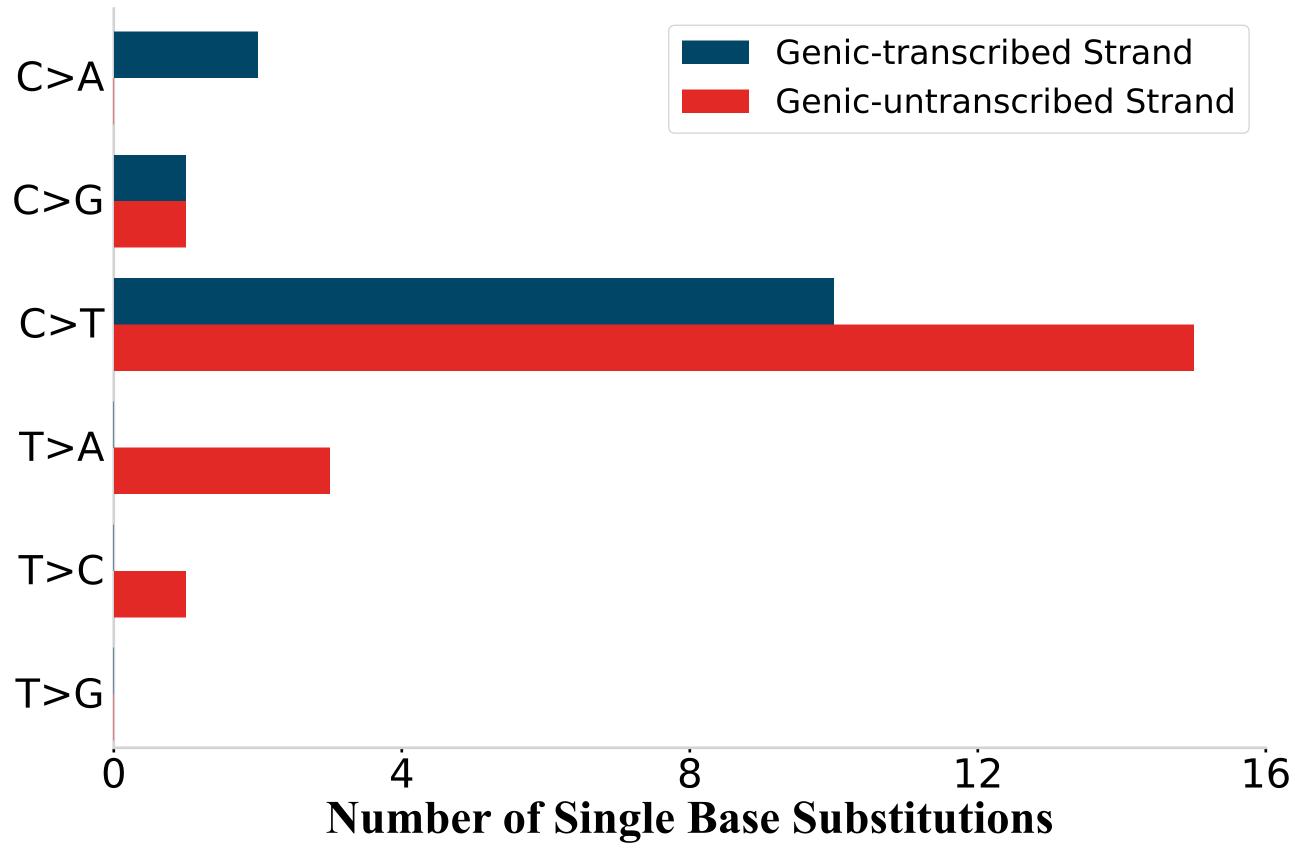
P-0014169-T01-IM5: 24 transcribed subs



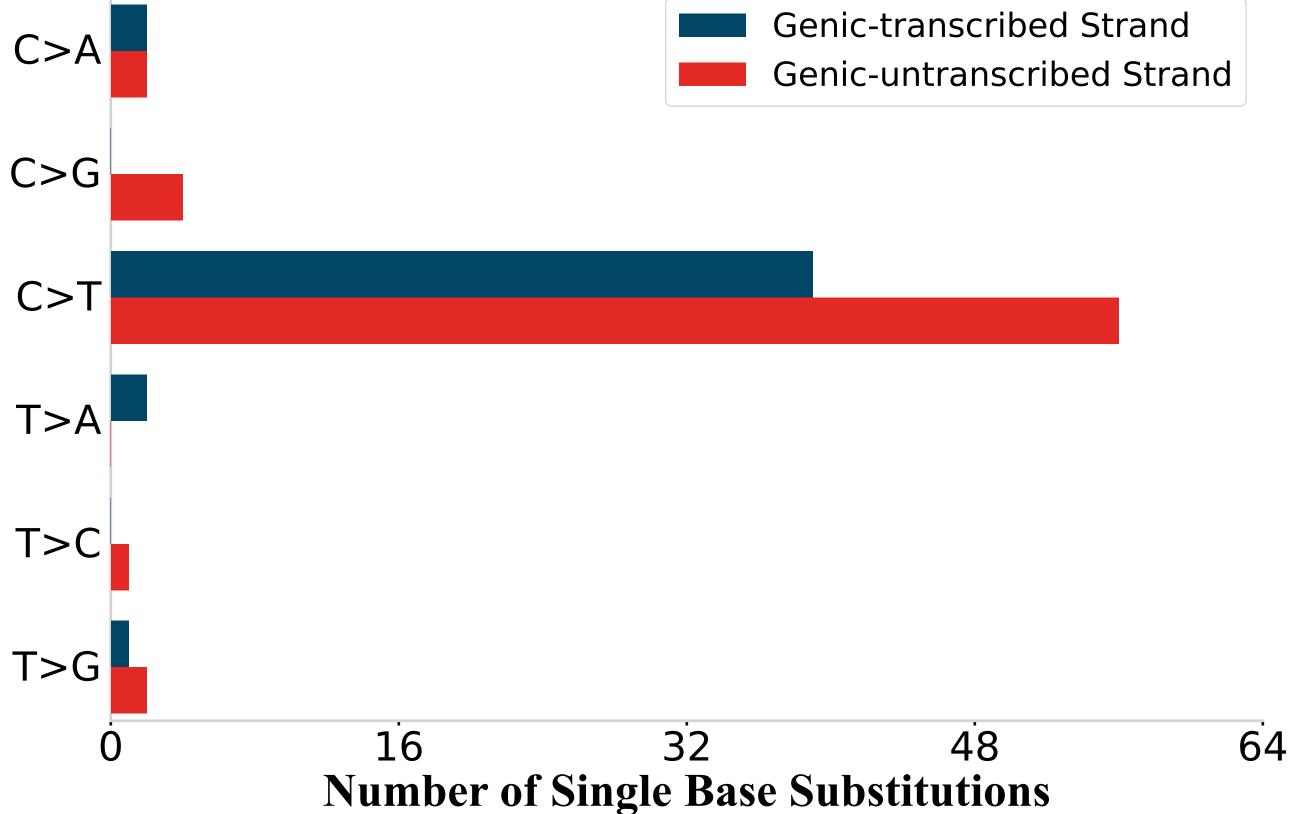
P-0014993-T01-IM6: 70 transcribed subs



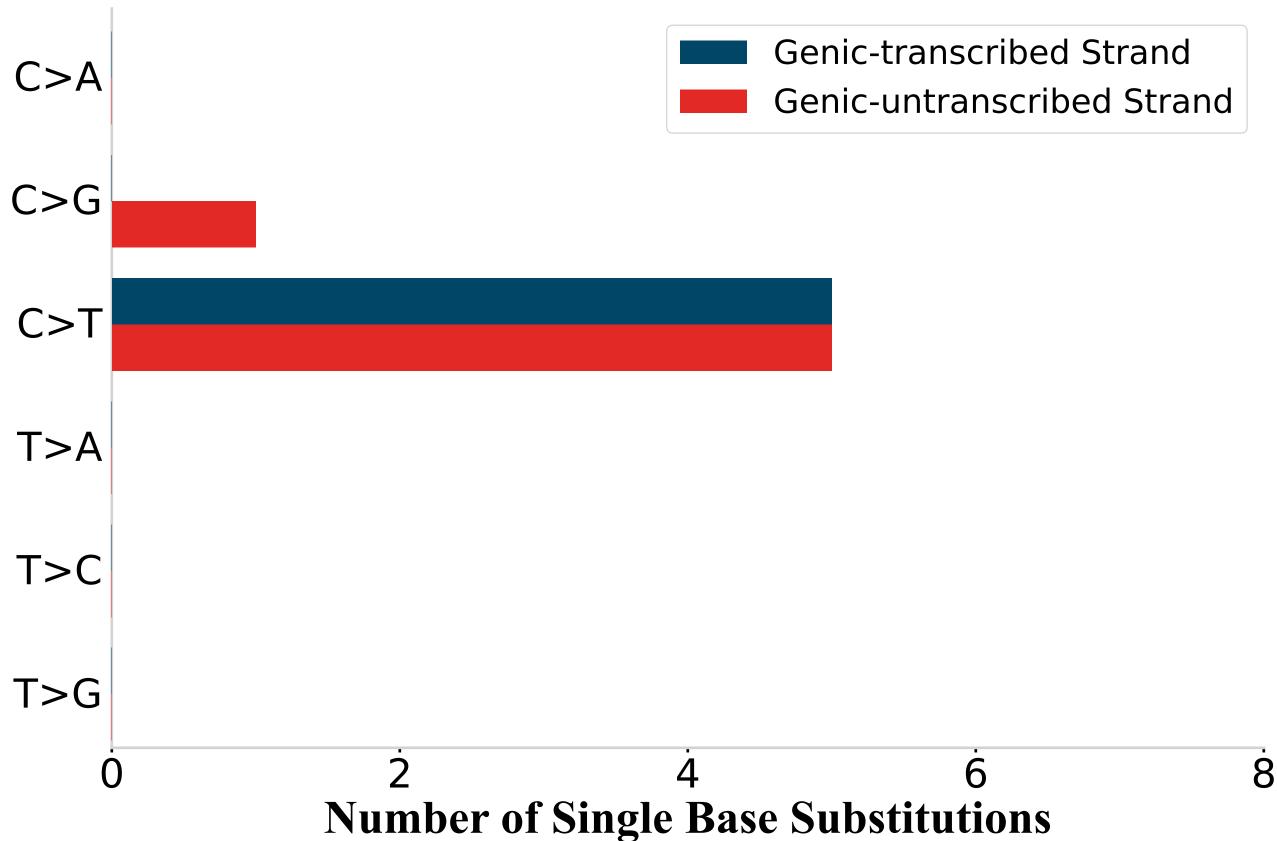
P-0015821-T01-IM6: 33 transcribed subs



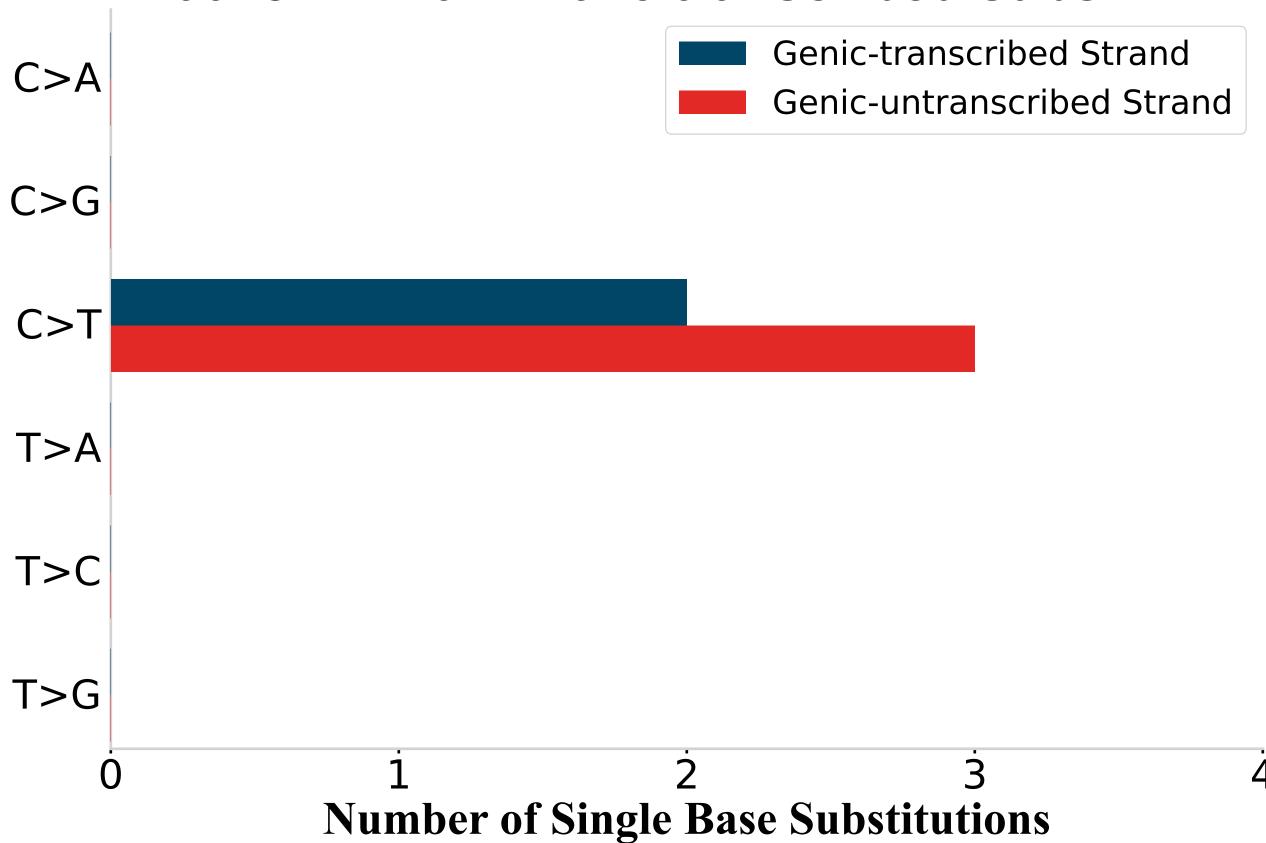
P-0015894-T01-IM6: 109 transcribed subs Genic-transcribed Strans



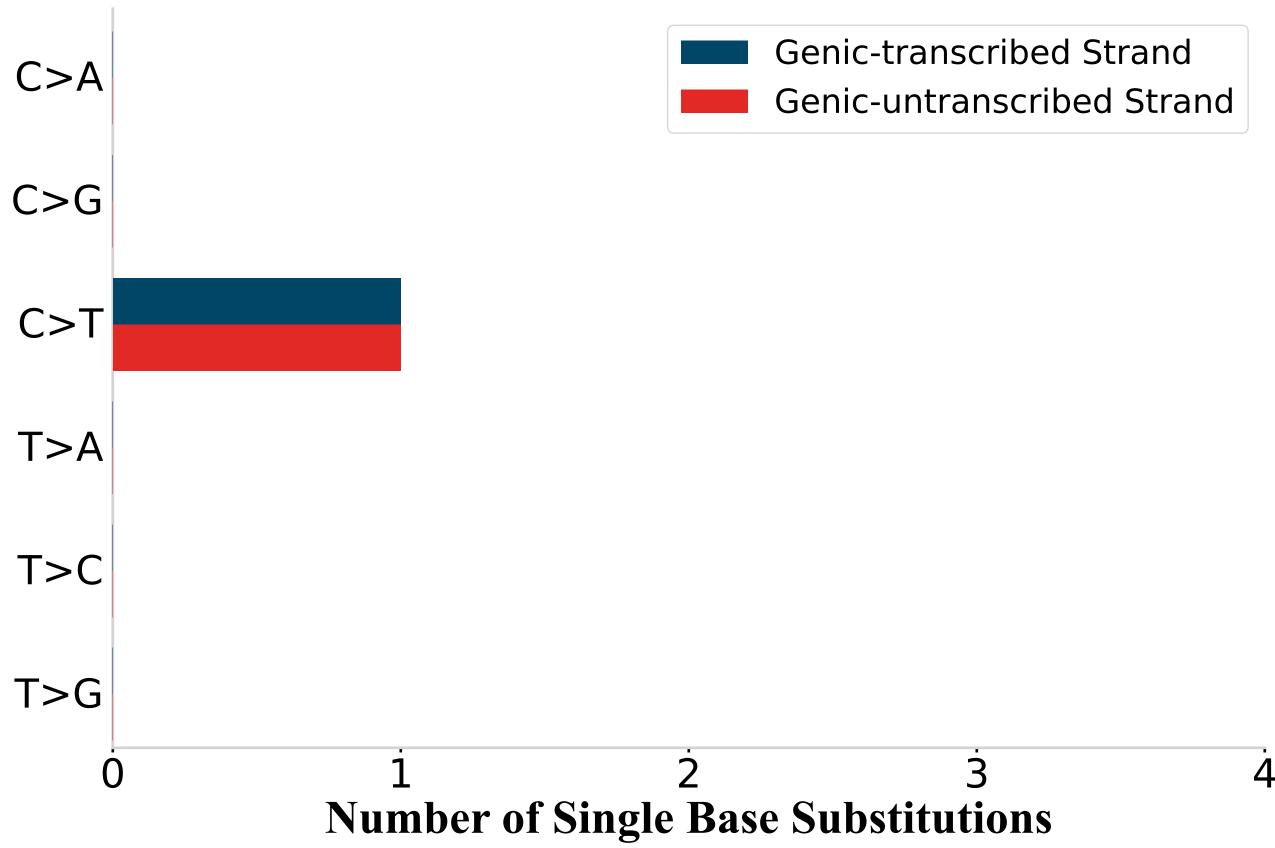
P-0017541-T01-IM5: 11 transcribed subs



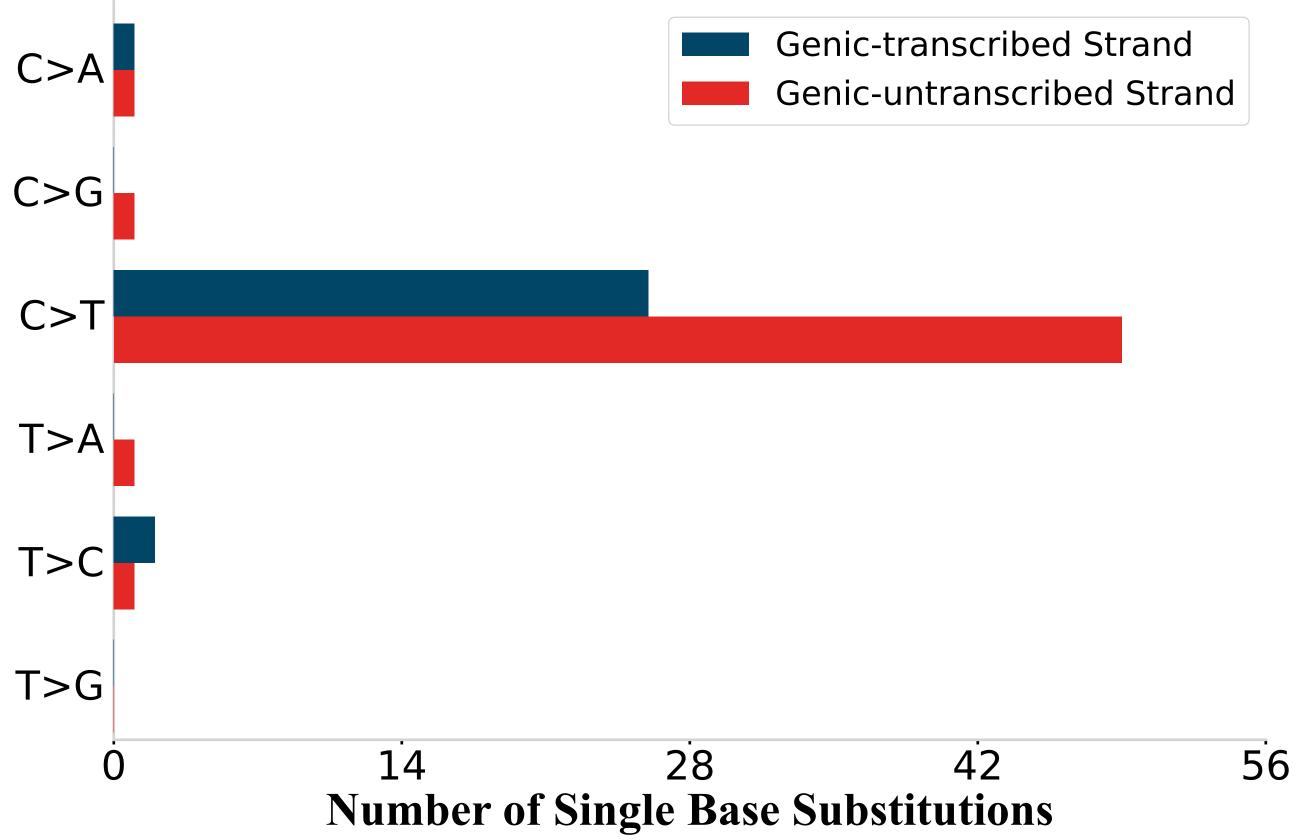
P-0018177-T01-IM6: 5 transcribed subs



P-0019742-T01-IM6: 2 transcribed subs

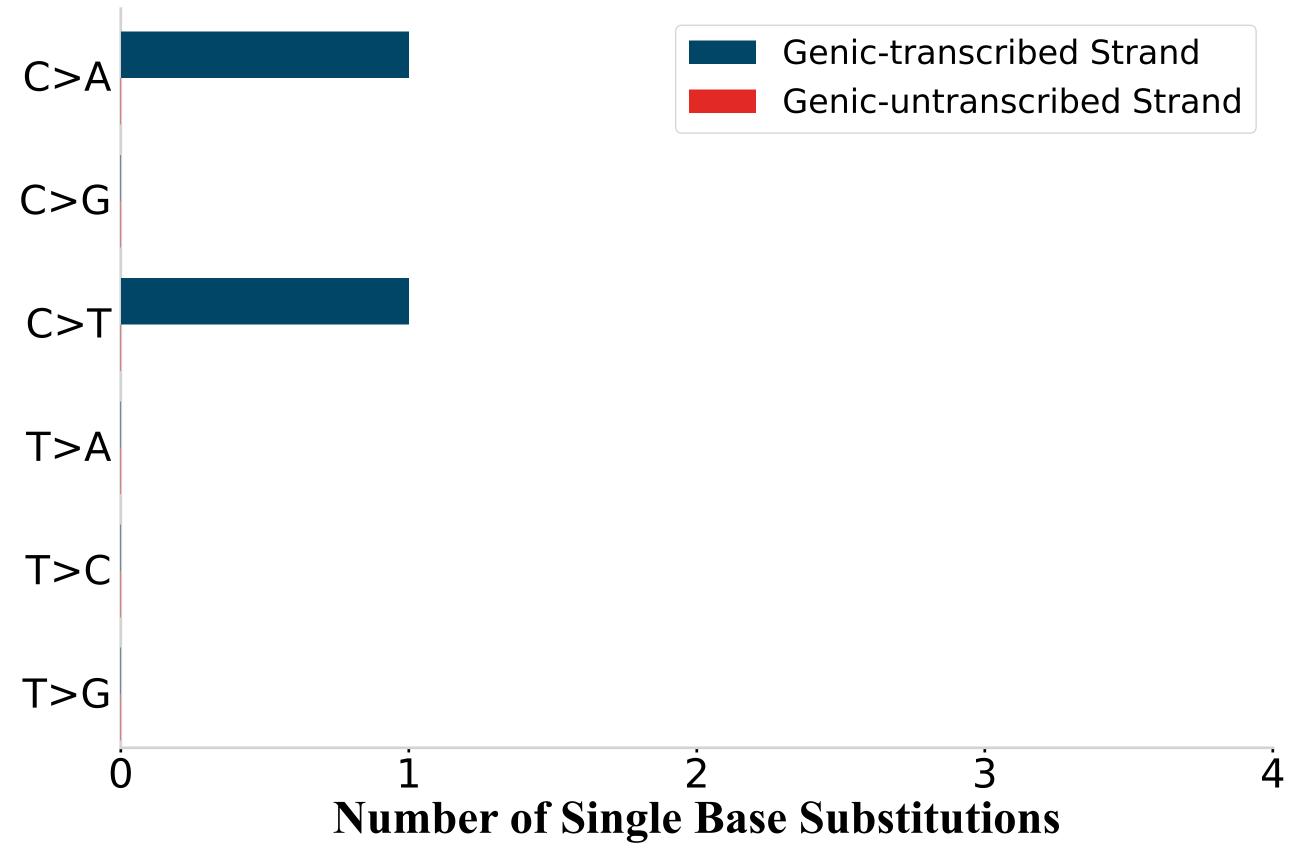


P-0020151-T01-IM6: 82 transcribed subs

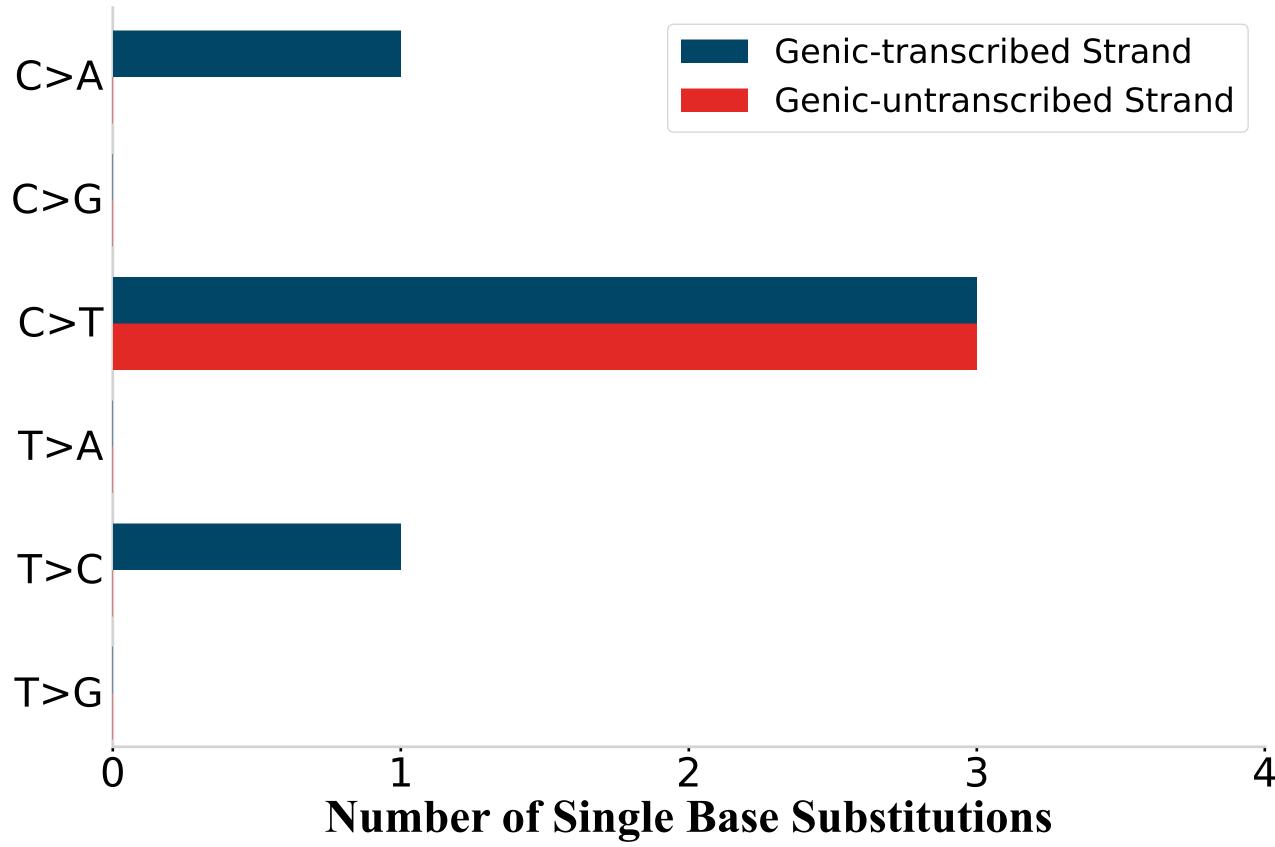


P-0020180-T02-IM6: 58 transcribed subs Genic-transcribed Strand C>A Genic-untranscribed Strand C>G C>T T>A T>C T>G 22 33 11 44 **Number of Single Base Substitutions**

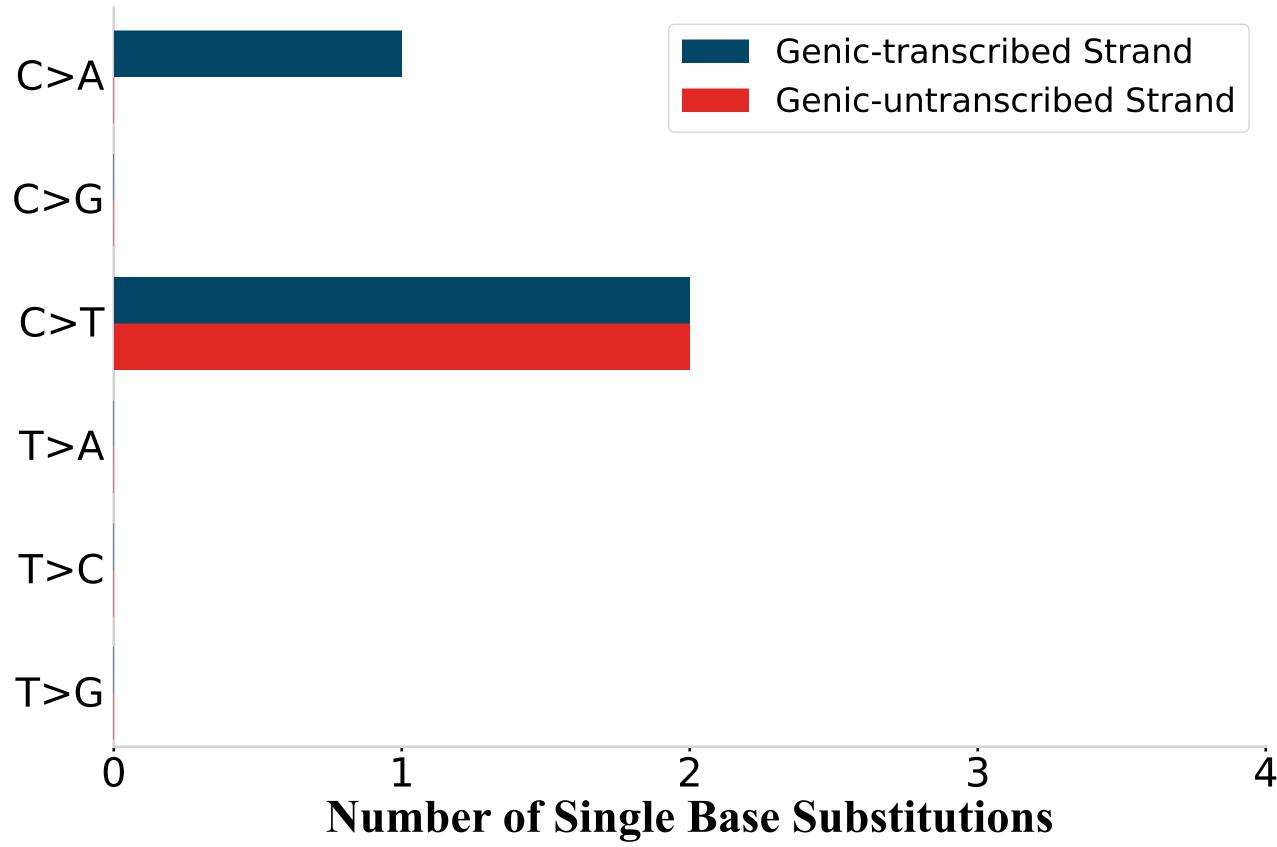
P-0021361-T01-IM6: 2 transcribed subs



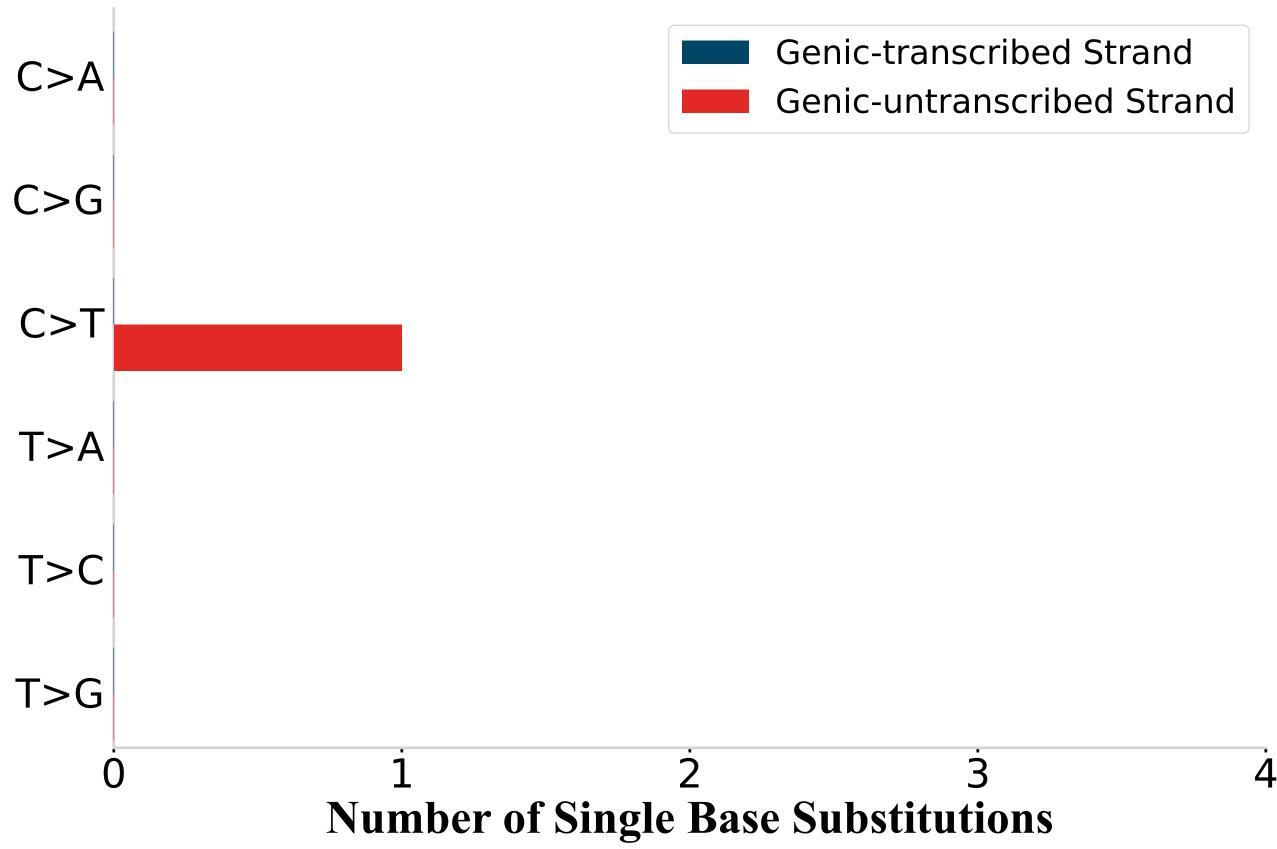
P-0022400-T01-IM6: 8 transcribed subs



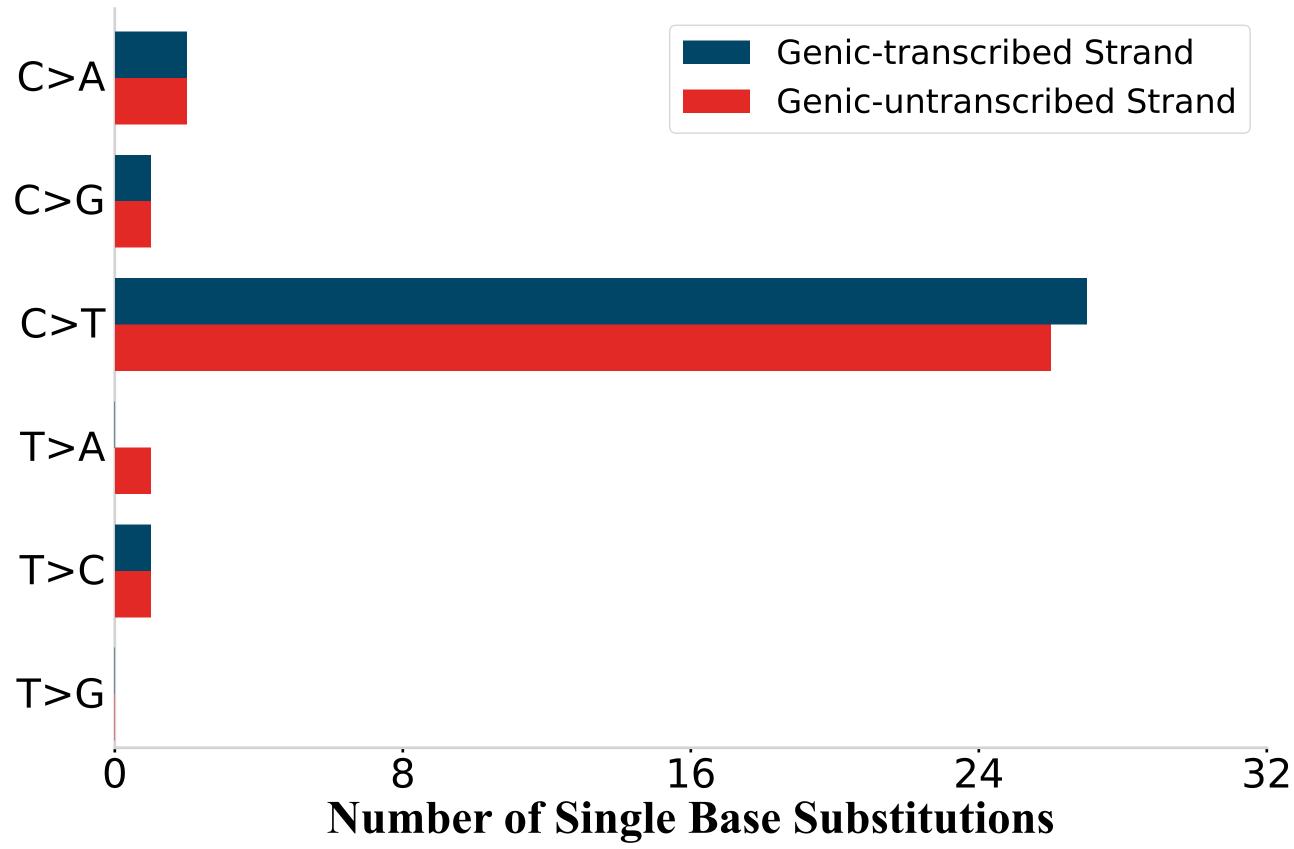
P-0023759-T01-IM6: 5 transcribed subs



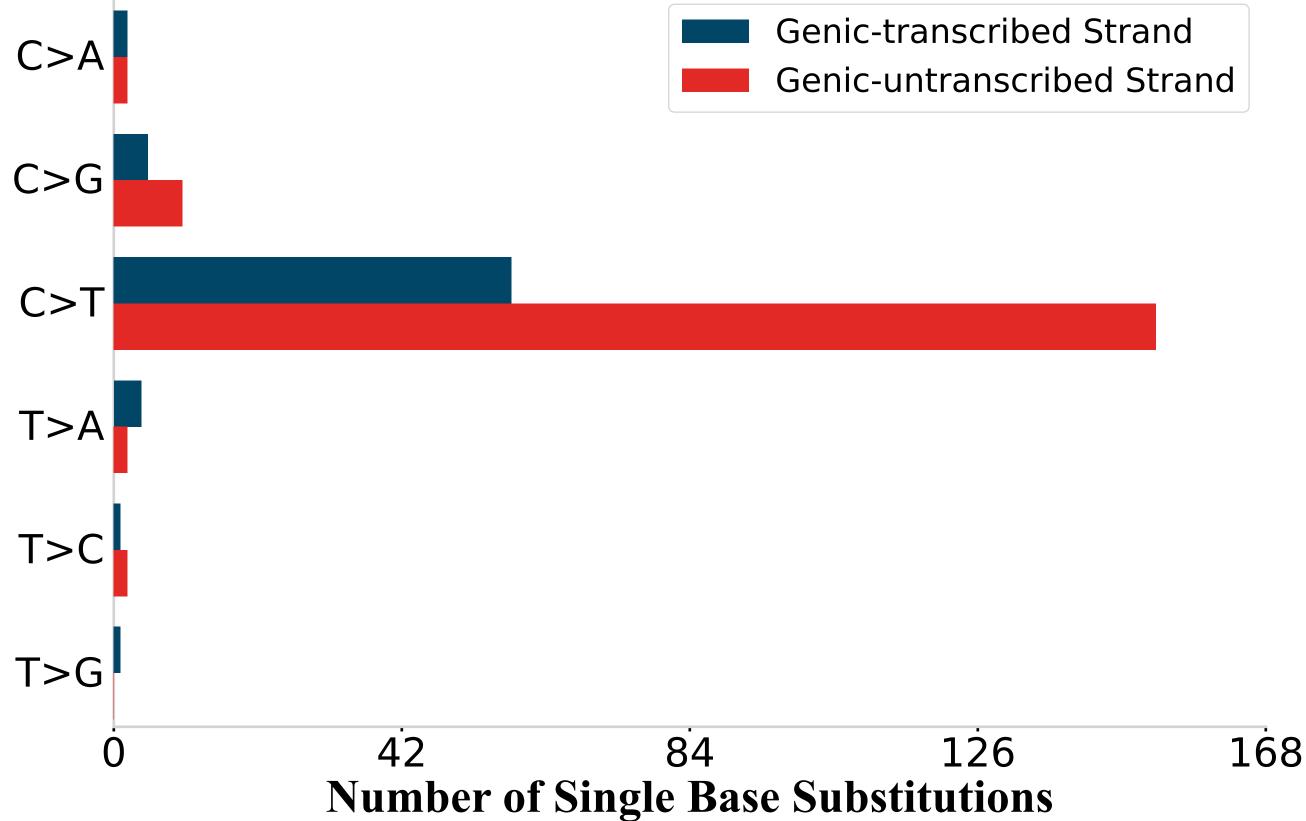
P-0023908-T01-IM6: 1 transcribed subs



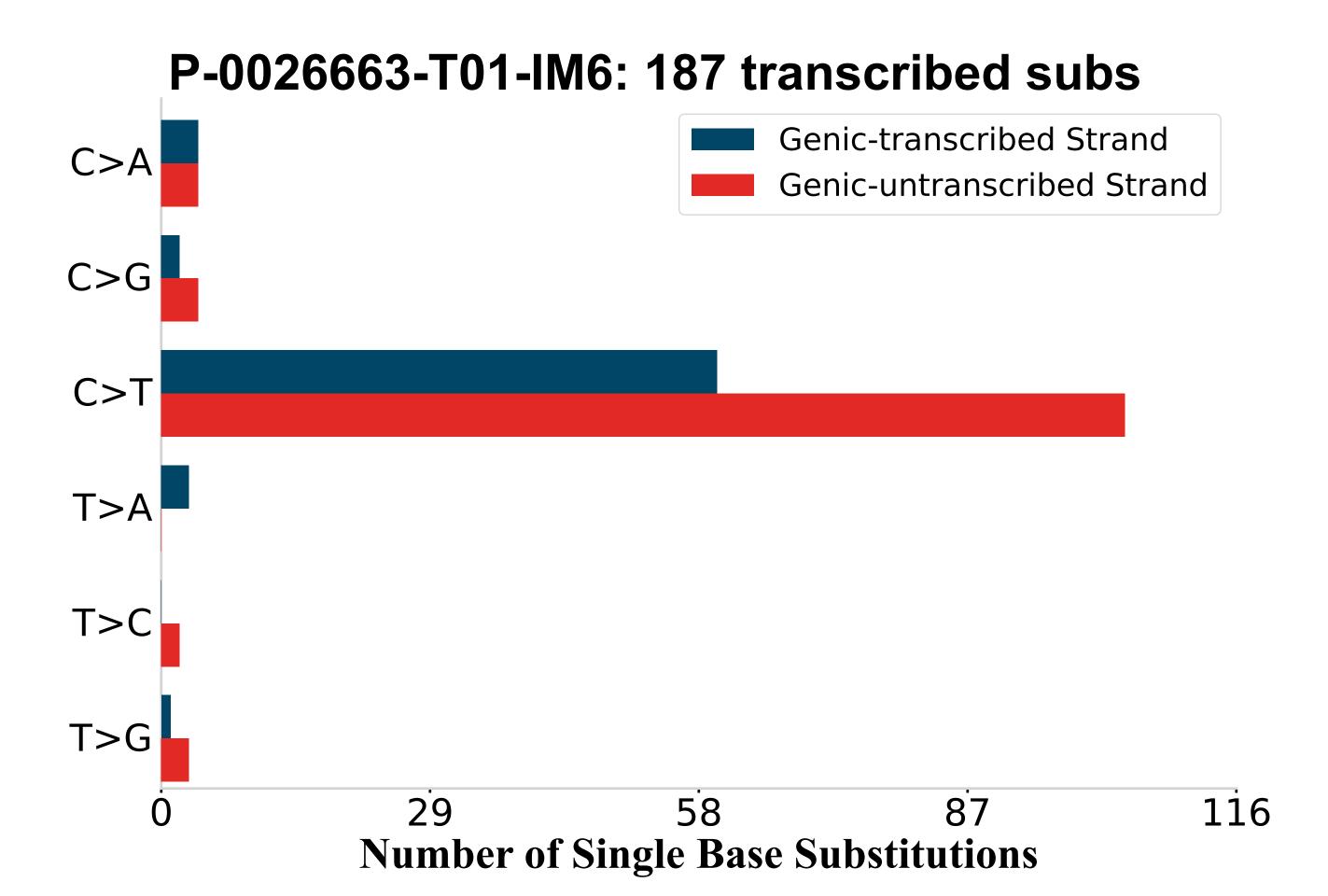
P-0024731-T01-IM6: 62 transcribed subs



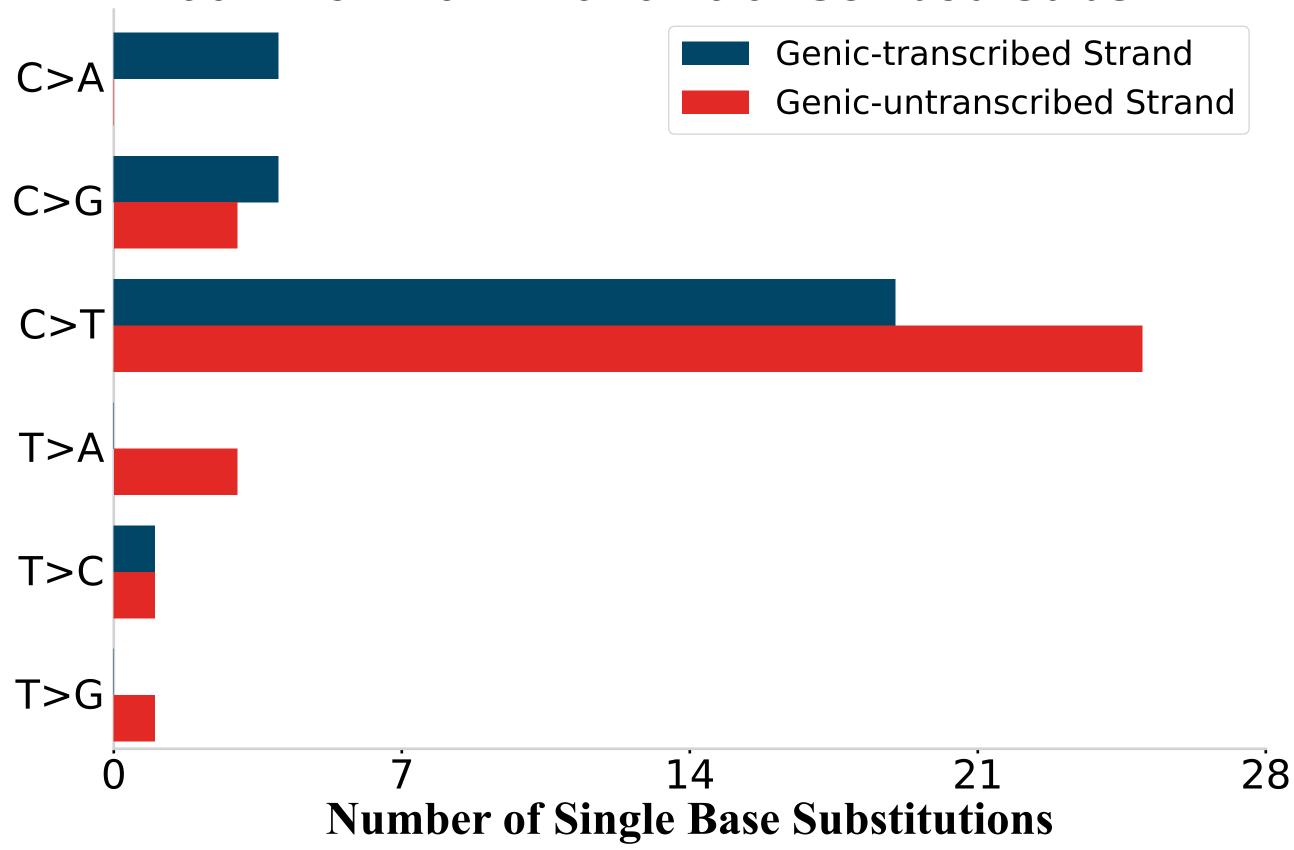
P-0025202-T01-IM6: 239 transcribed subs Genic-transcribed Strans



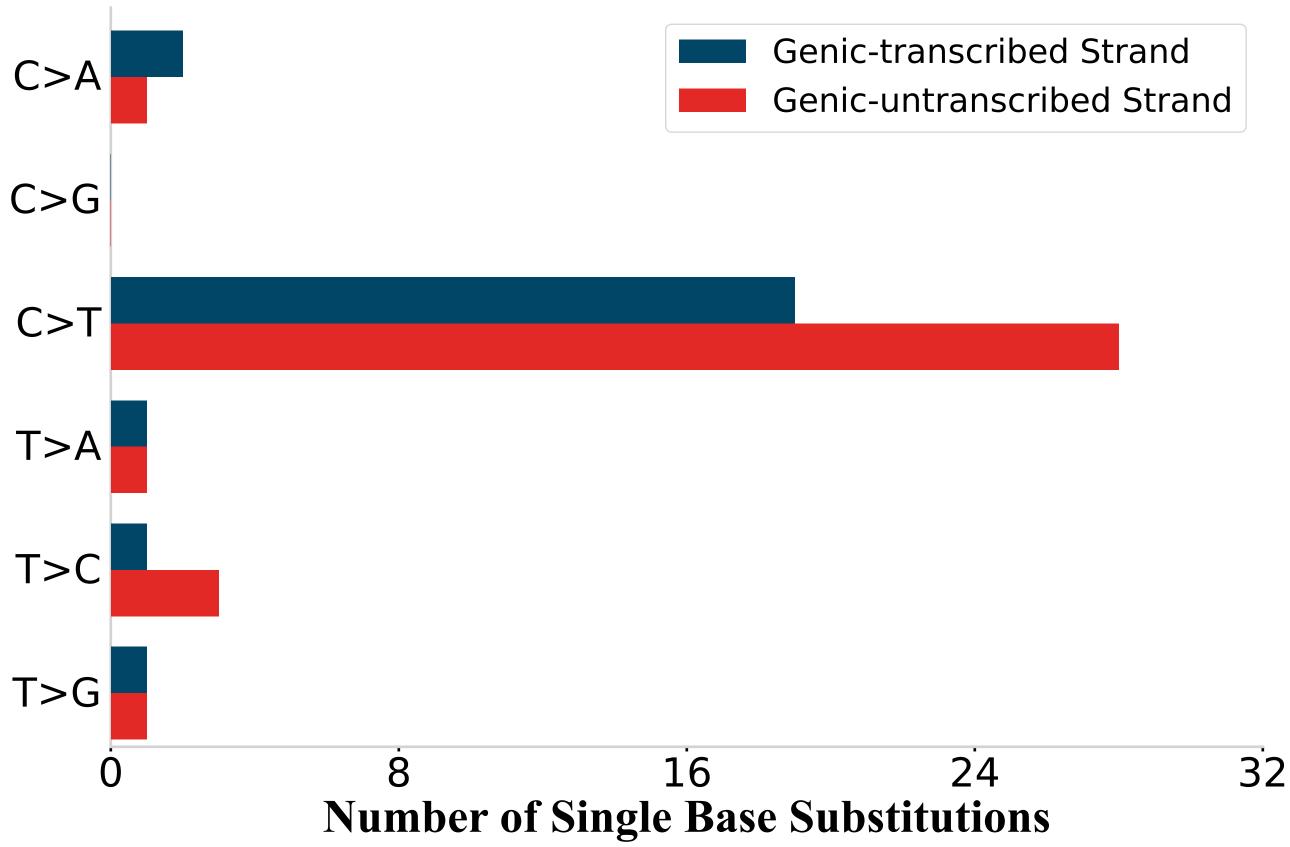
P-0026489-T01-IM6: 150 transcribed subs Genic-transcribed Strand C>A Genic-untranscribed Strand C>T T>A T>C T>G 22 66 88 44 **Number of Single Base Substitutions**



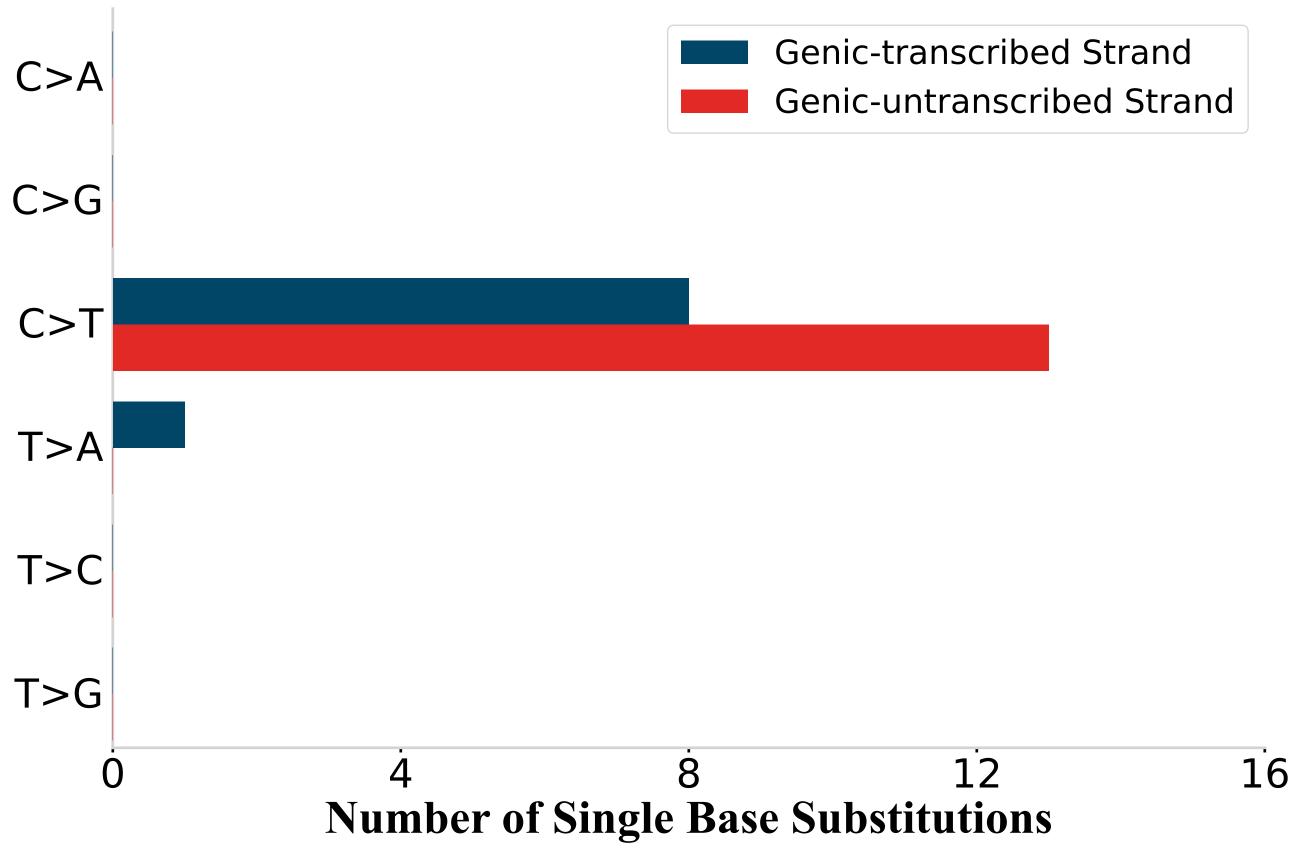
P-0027751-T01-IM6: 61 transcribed subs



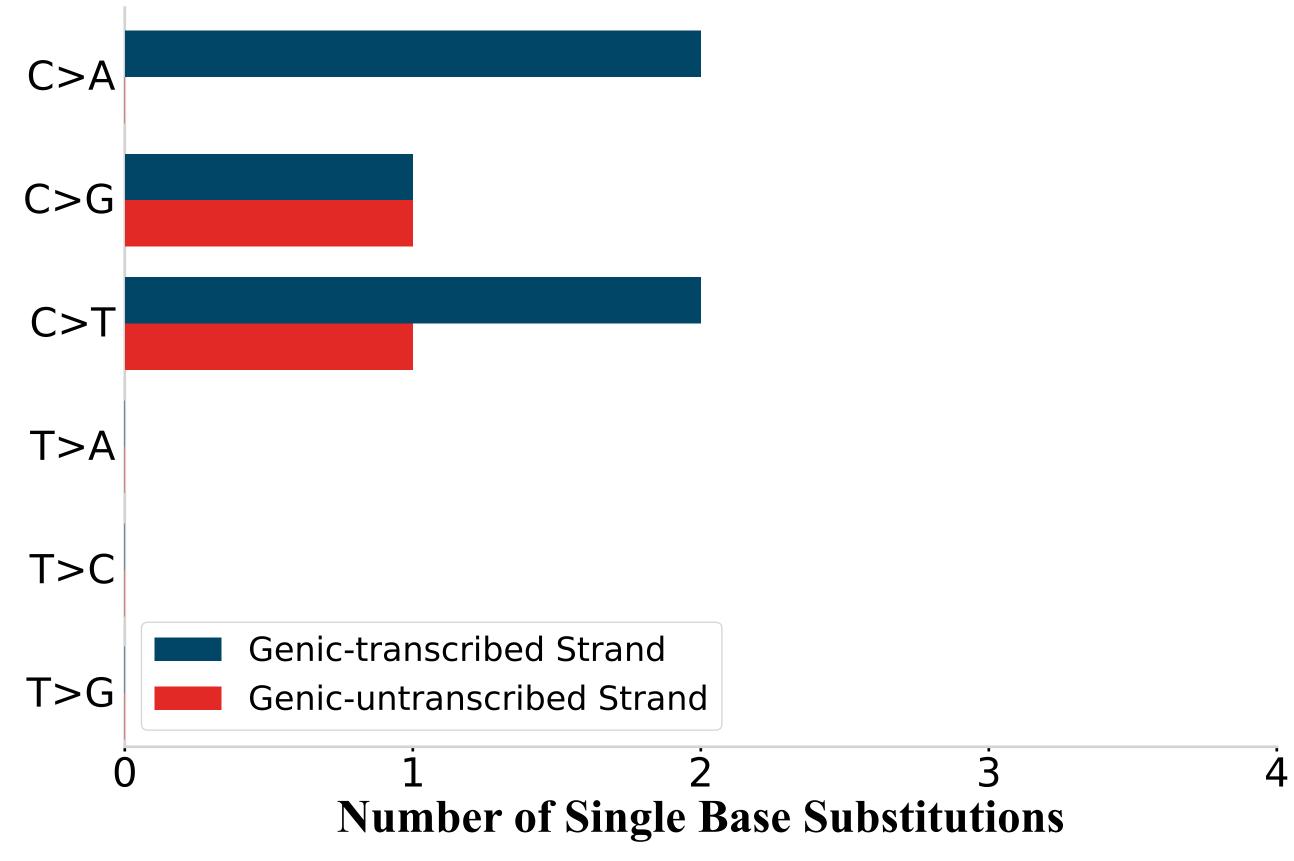
P-0027805-T01-IM6: 58 transcribed subs



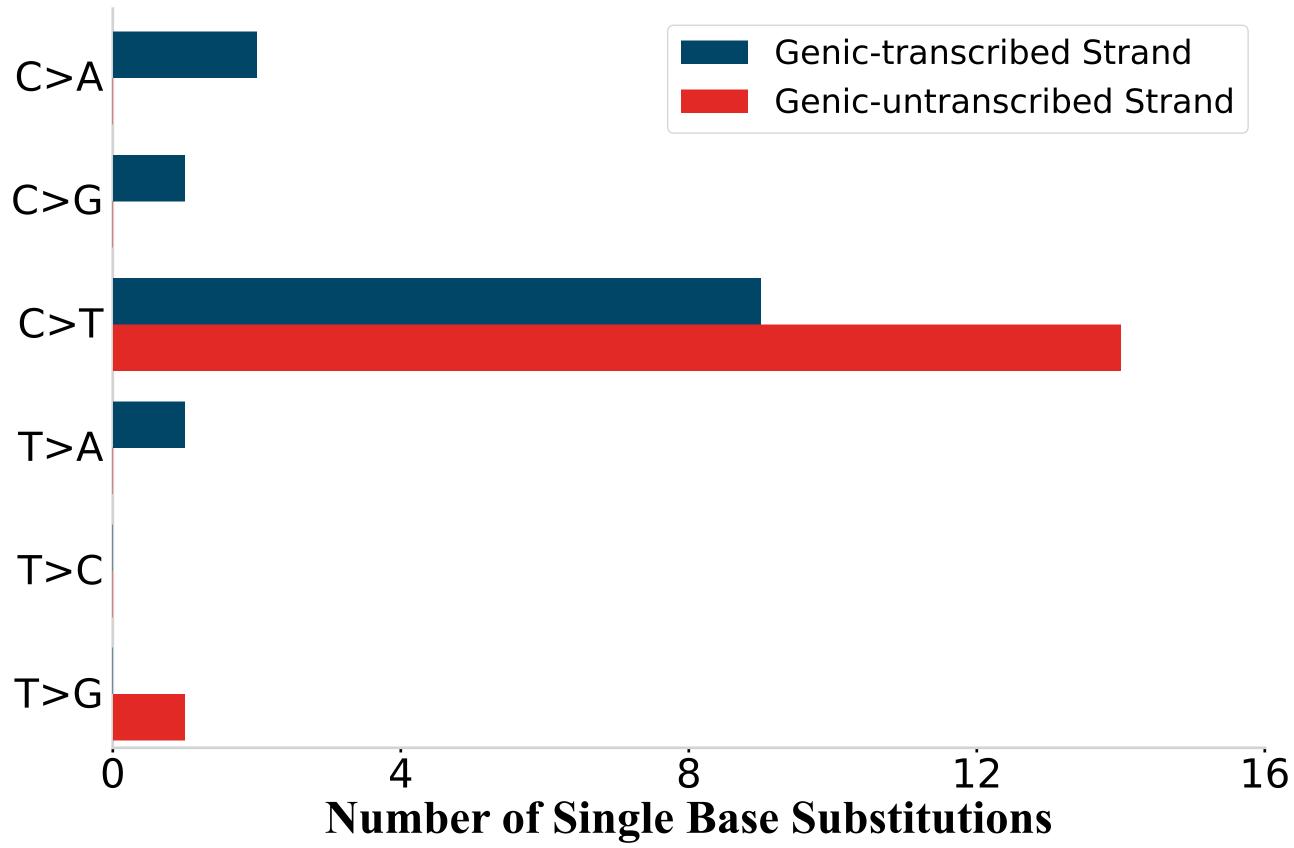
P-0027867-T01-IM6: 22 transcribed subs



P-0028671-T01-IM6: 7 transcribed subs

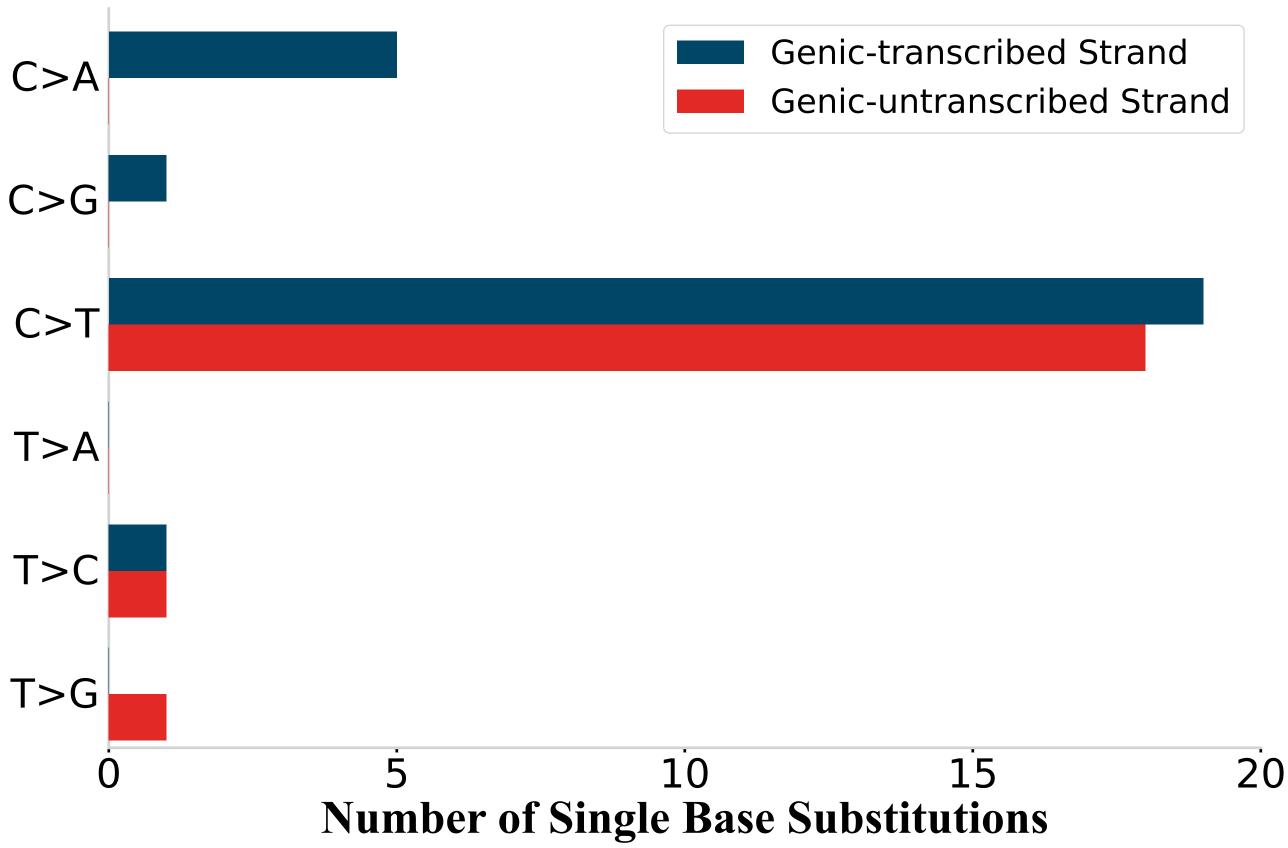


P-0028804-T01-IM6: 28 transcribed subs



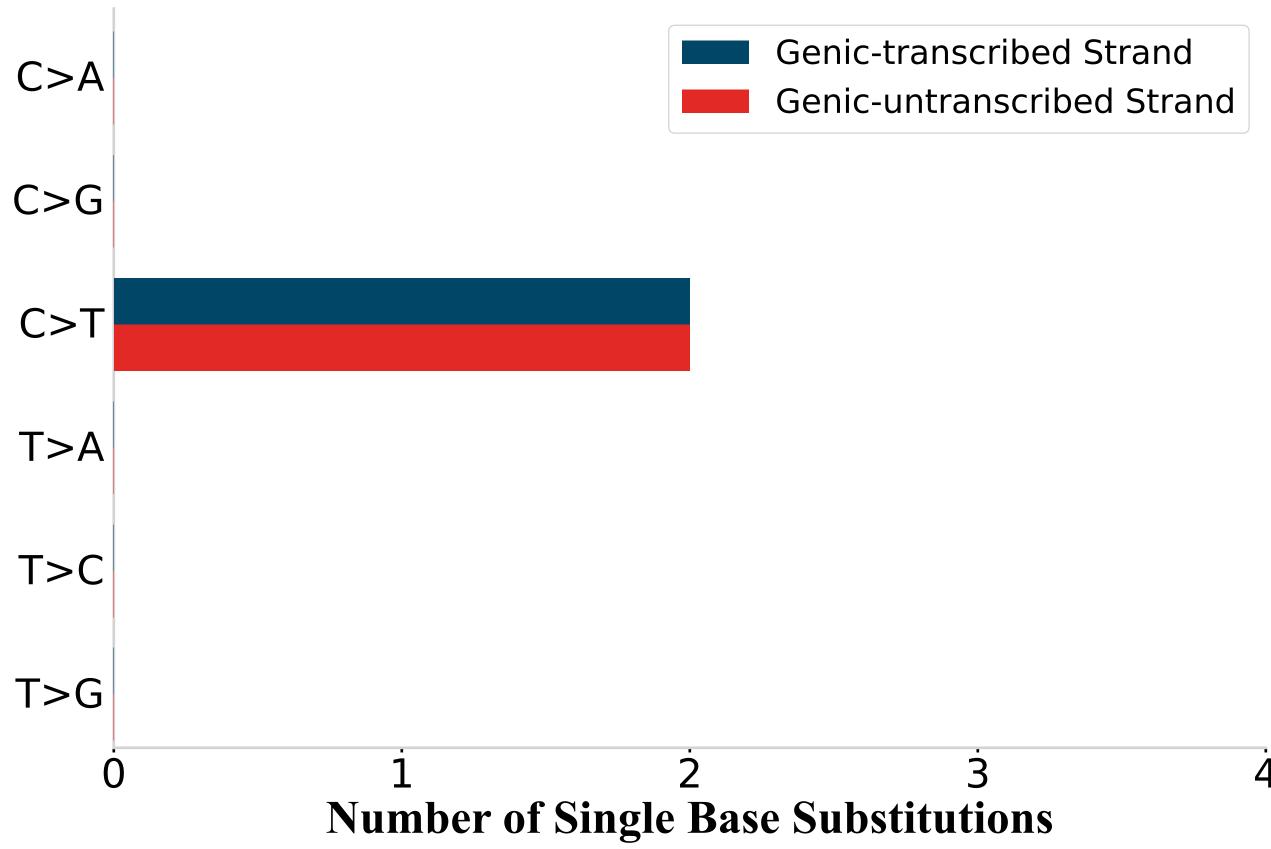
P-0030089-T01-IM6: 186 transcribed subs Genic-transcribed Strand C>A Genic-untranscribed Strand C>T T>AT>C T>G 25 50 75 100 **Number of Single Base Substitutions**

P-0030197-T01-IM6: 46 transcribed subs



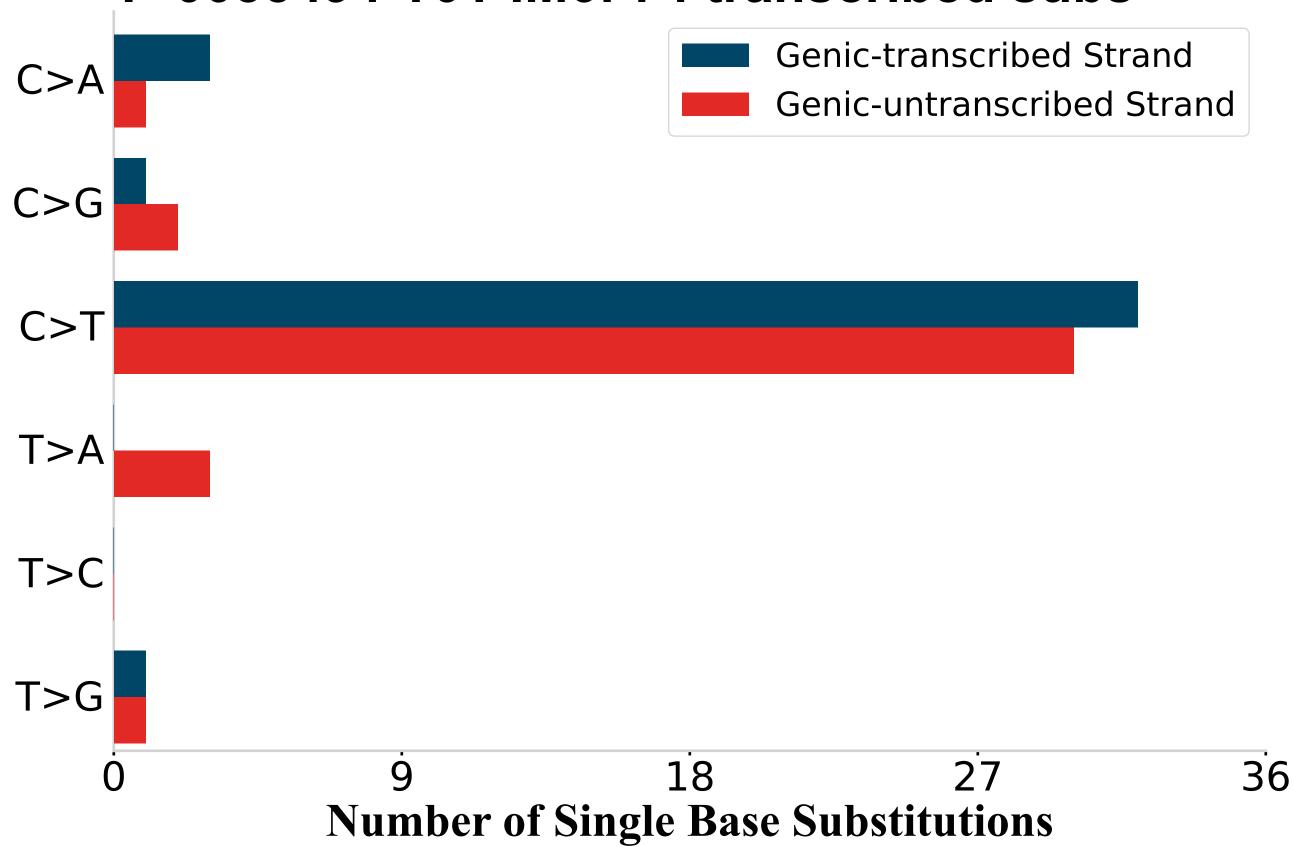
P-0030295-T01-IM6: 97 transcribed subs Genic-transcribed Strand C>A Genic-untranscribed Strand C>T T>A T>C T>G 12 24 36 48 **Number of Single Base Substitutions**

P-0030314-T01-IM6: 4 transcribed subs

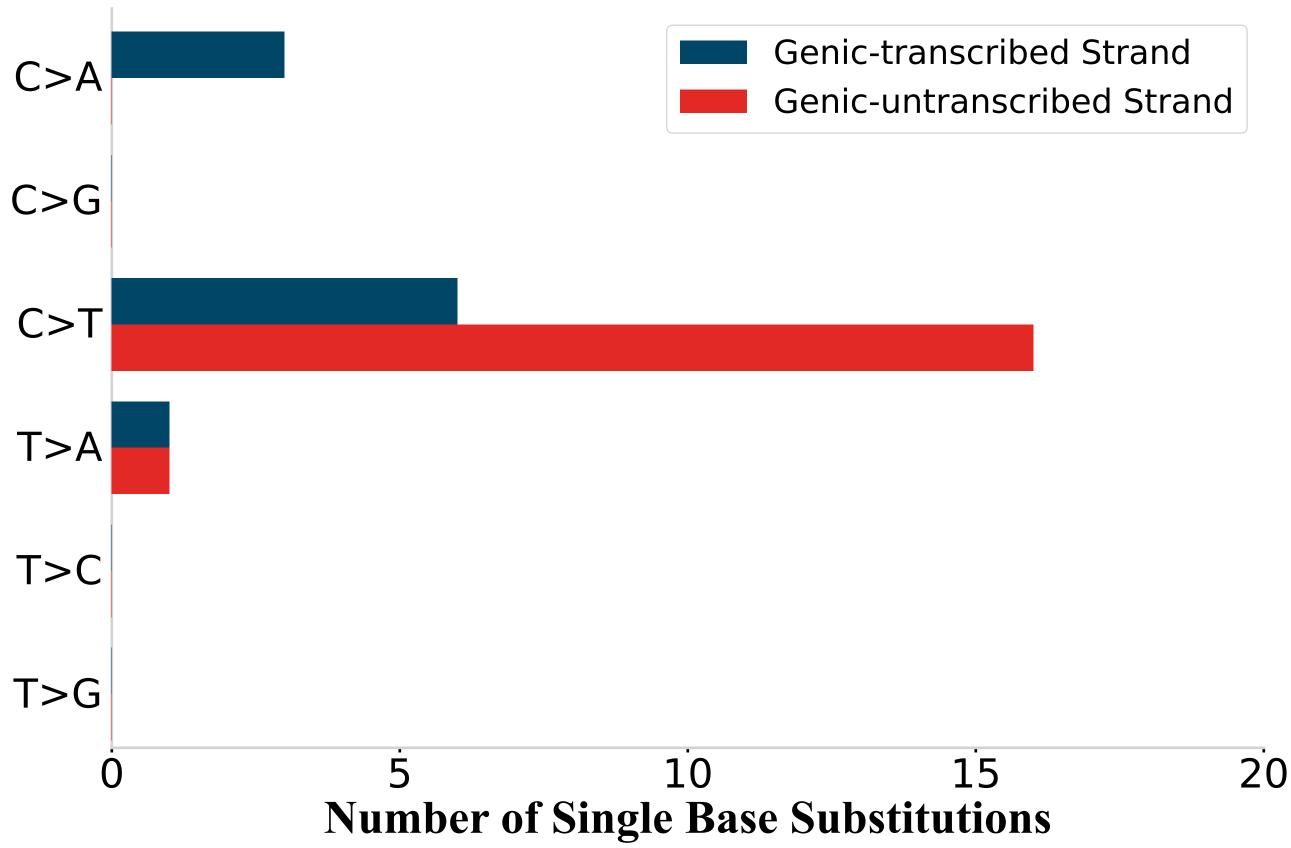


P-0032660-T01-IM6: 62 transcribed subs Genic-transcribed Strand C>A Genic-untranscribed Strand C>G C>T T>A T>C T>G 10 20 30 40 **Number of Single Base Substitutions**

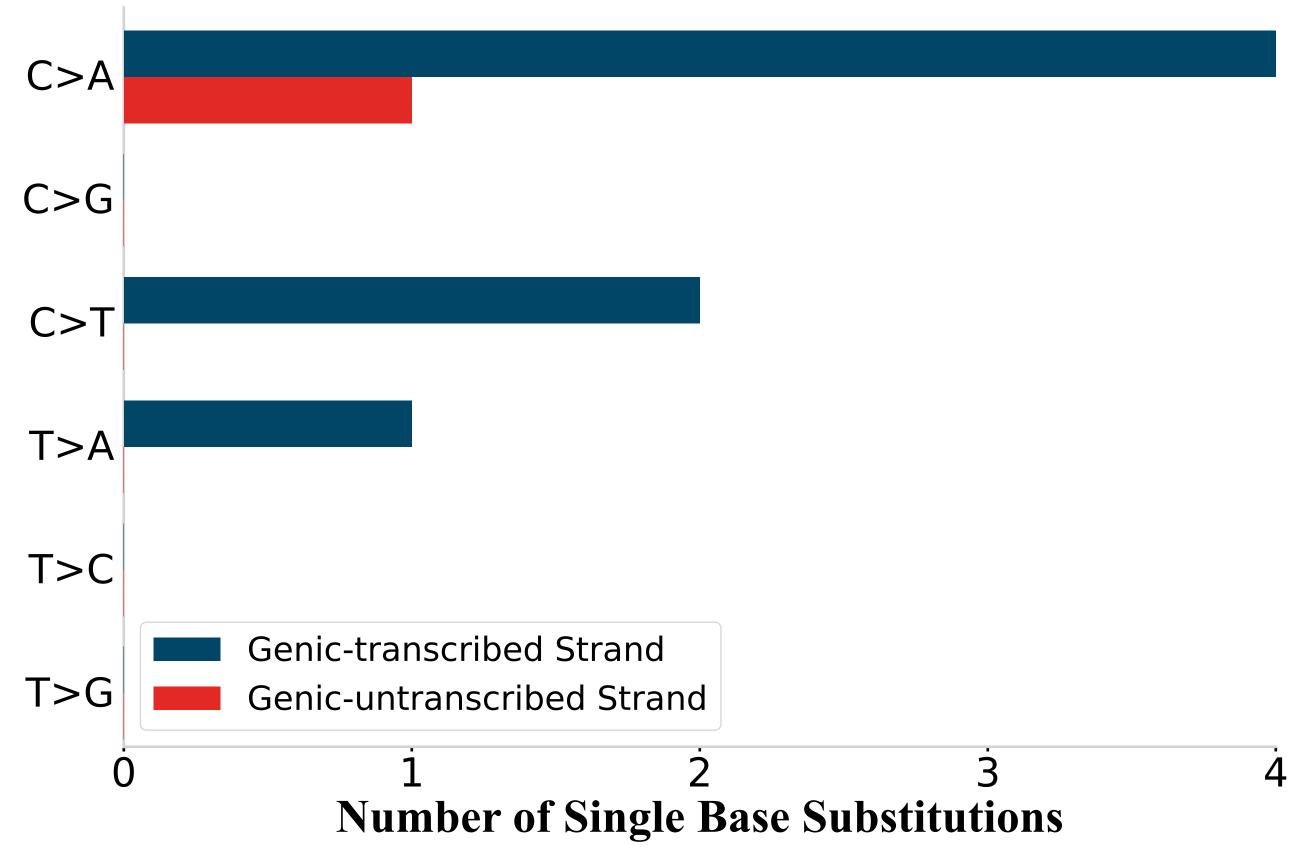
P-0033494-T01-IM6: 74 transcribed subs



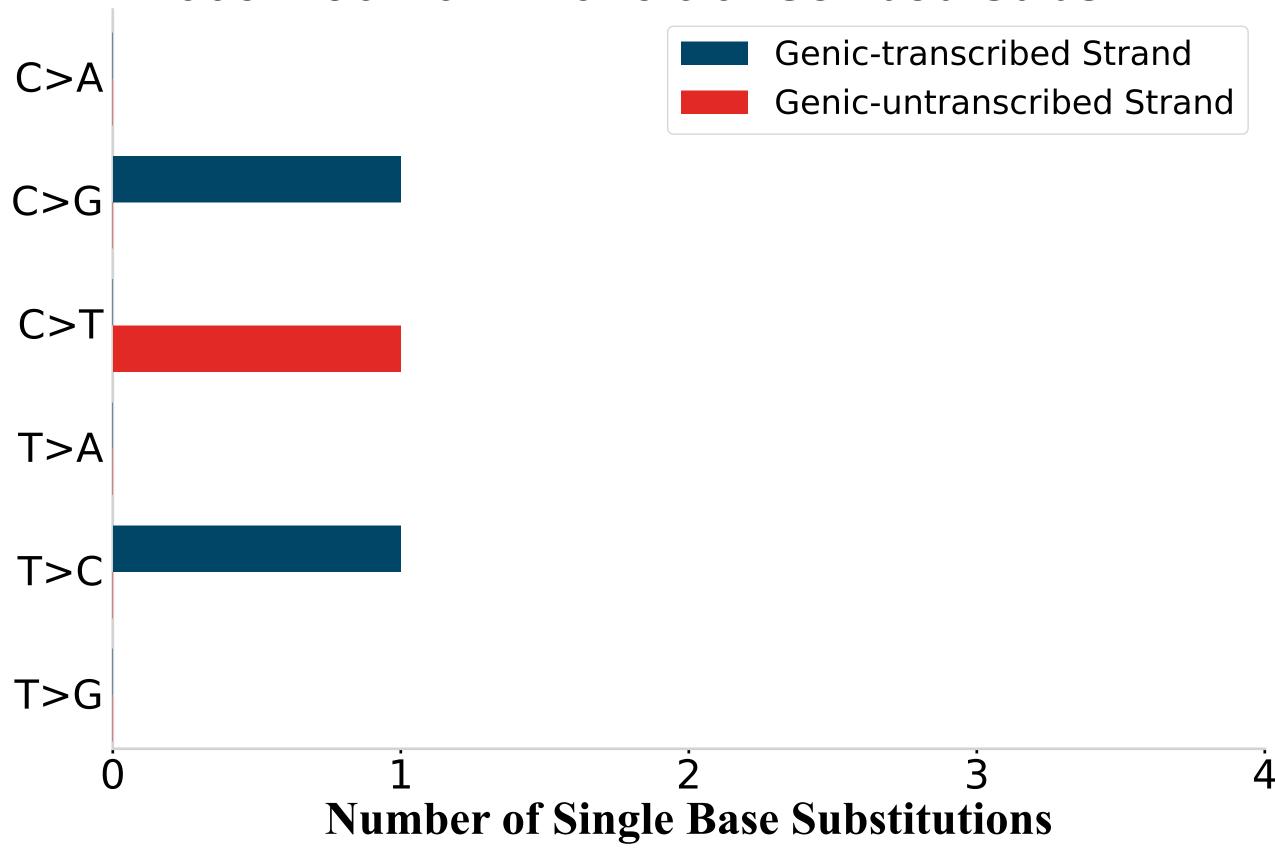
P-0033836-T01-IM6: 27 transcribed subs



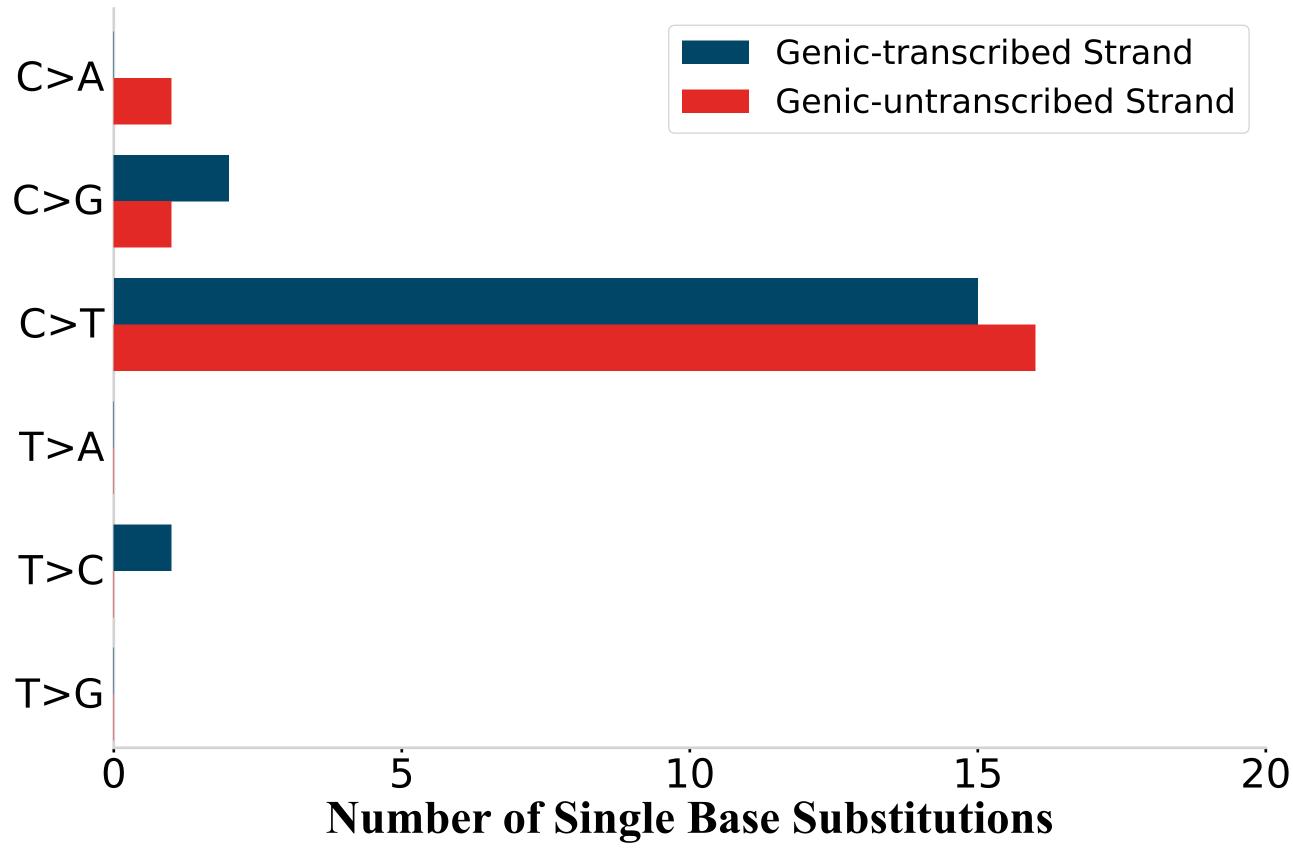
P-0033997-T01-IM6: 8 transcribed subs



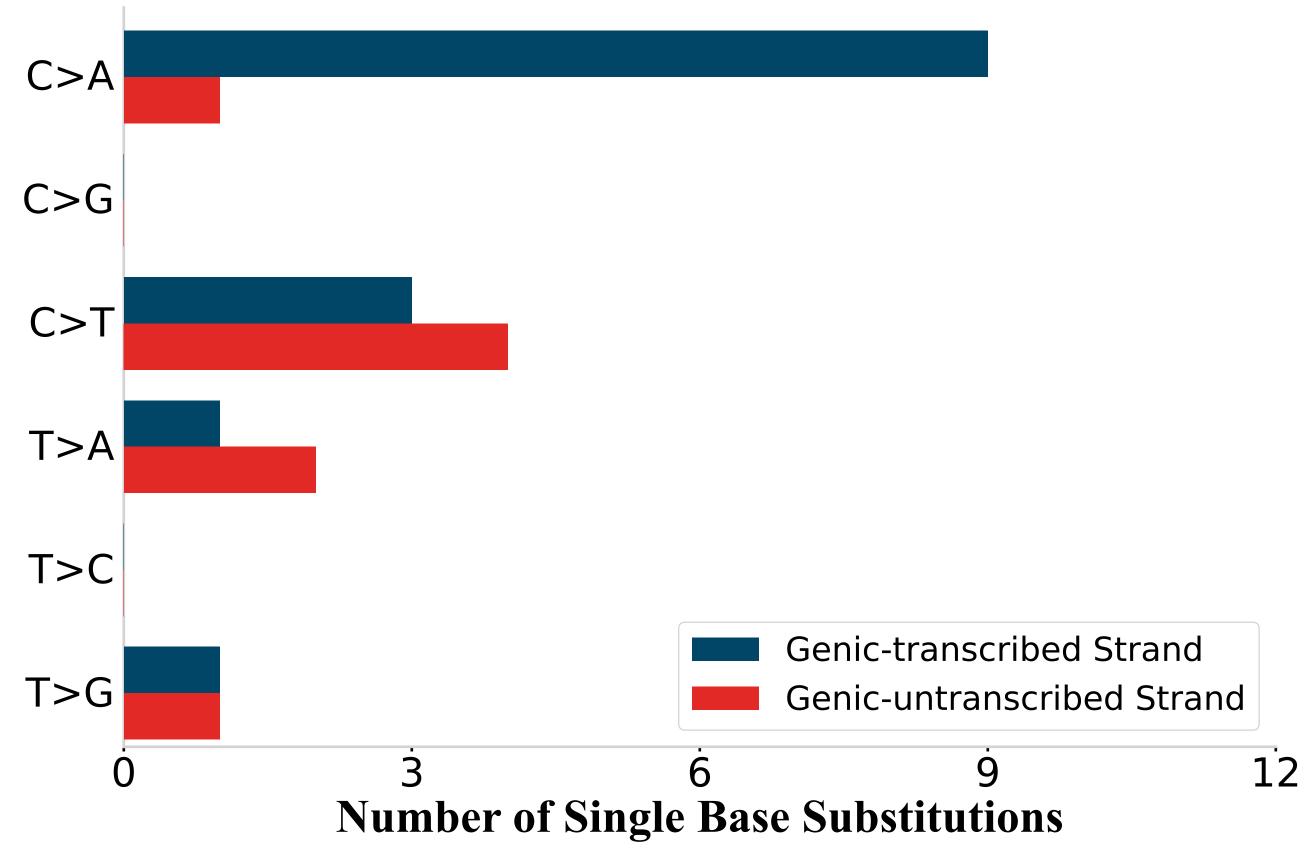
P-0034190-T01-IM6: 3 transcribed subs



P-0035161-T01-IM6: 36 transcribed subs



P-0036165-T01-IM6: 22 transcribed subs



P-0037041-T01-IM6: 44 transcribed subs Genic-transcribed Strand C>A Genic-untranscribed Strand C>T T>A T>C T>G

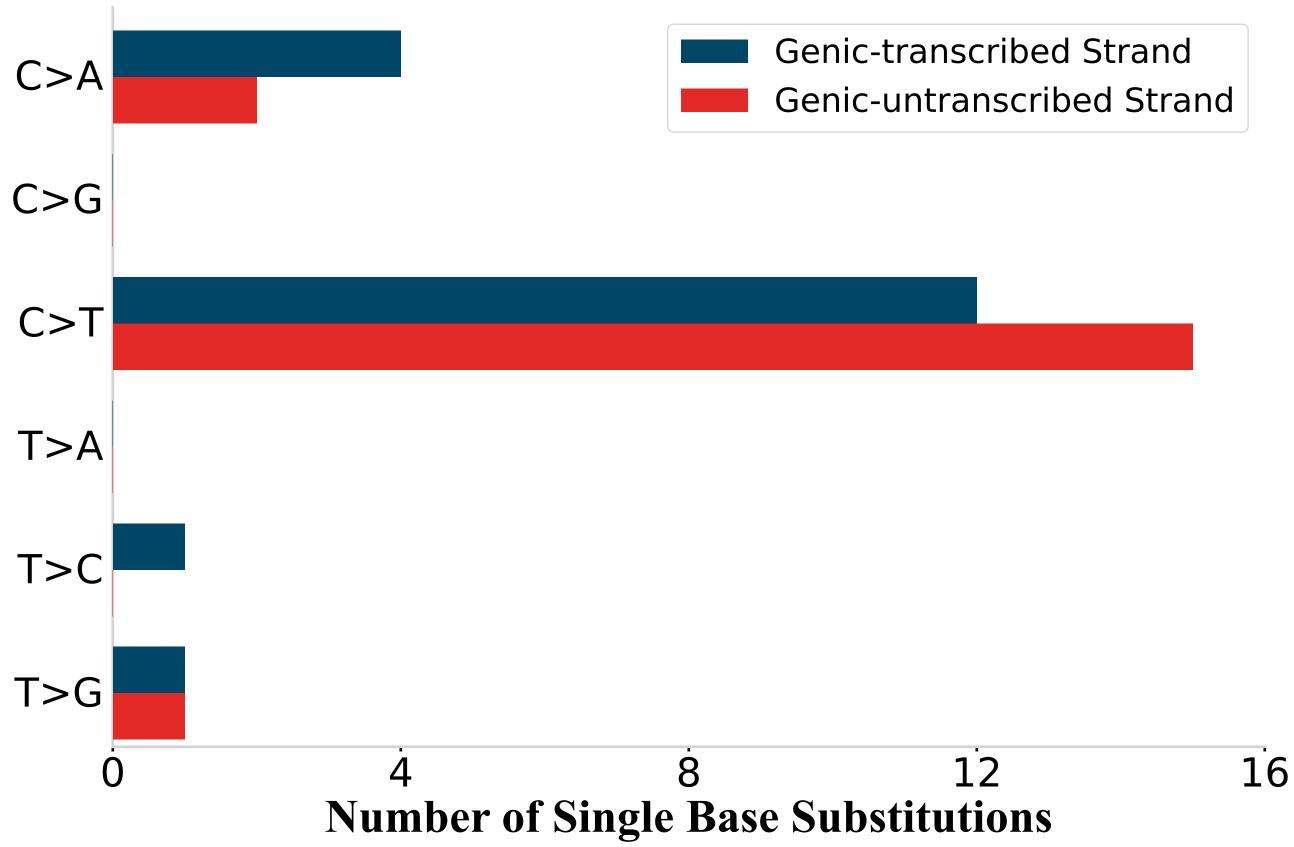
14

Number of Single Base Substitutions

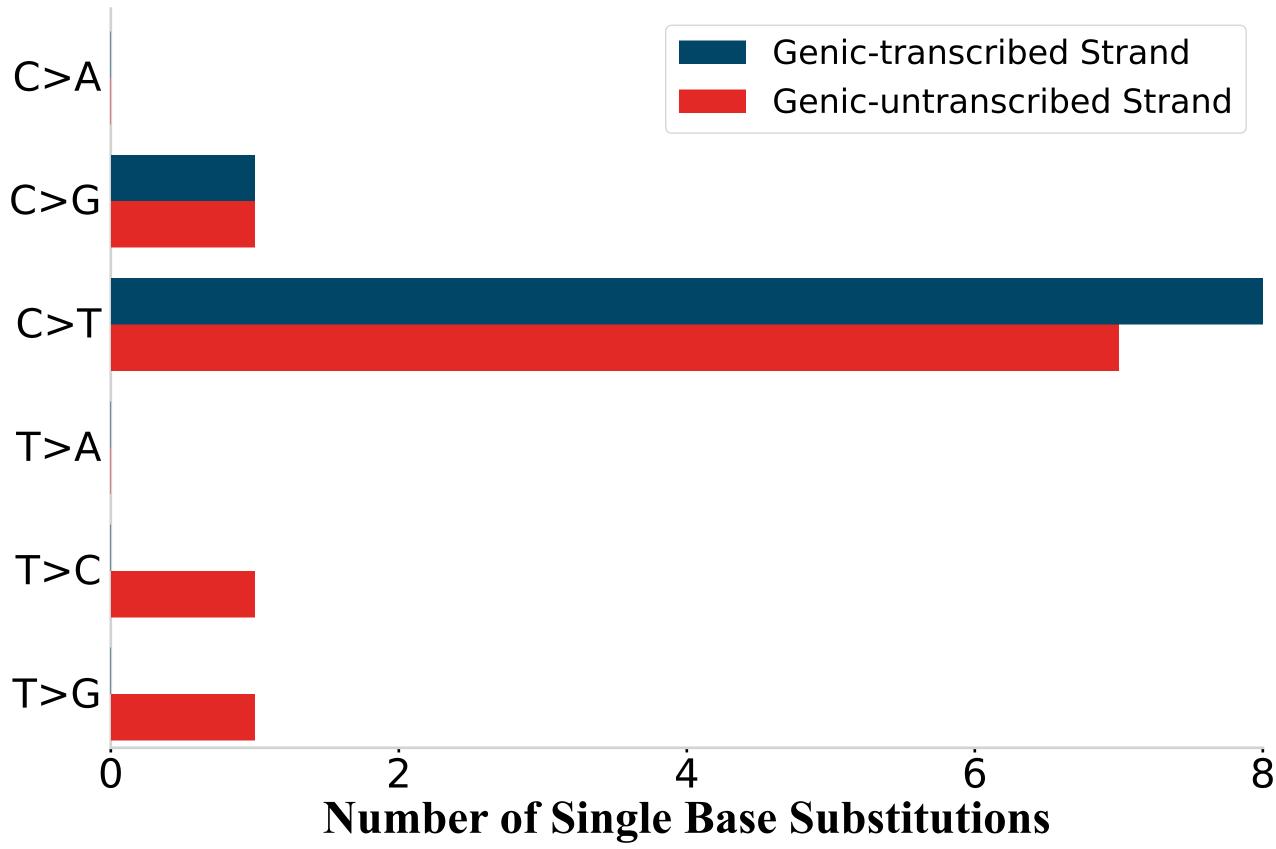
21

28

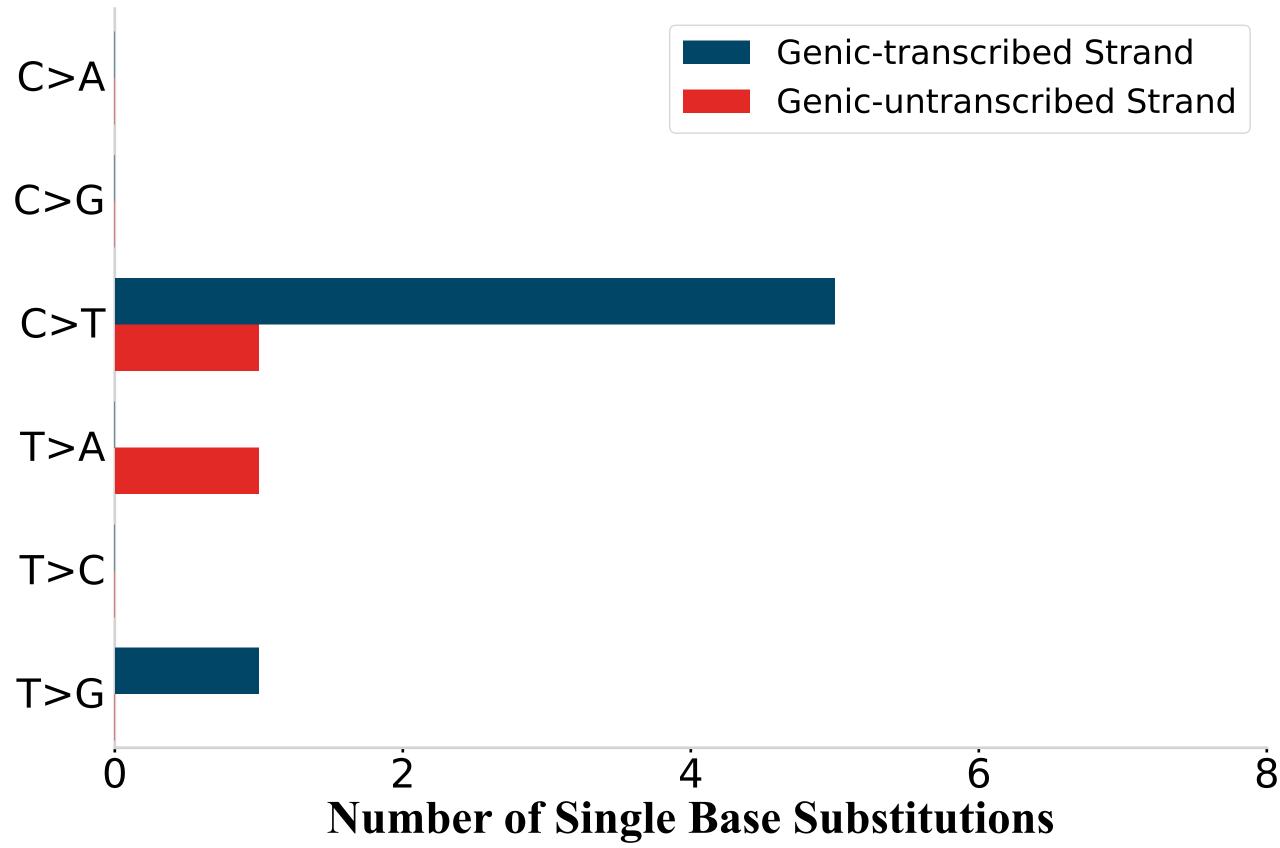
P-0037117-T01-IM6: 36 transcribed subs



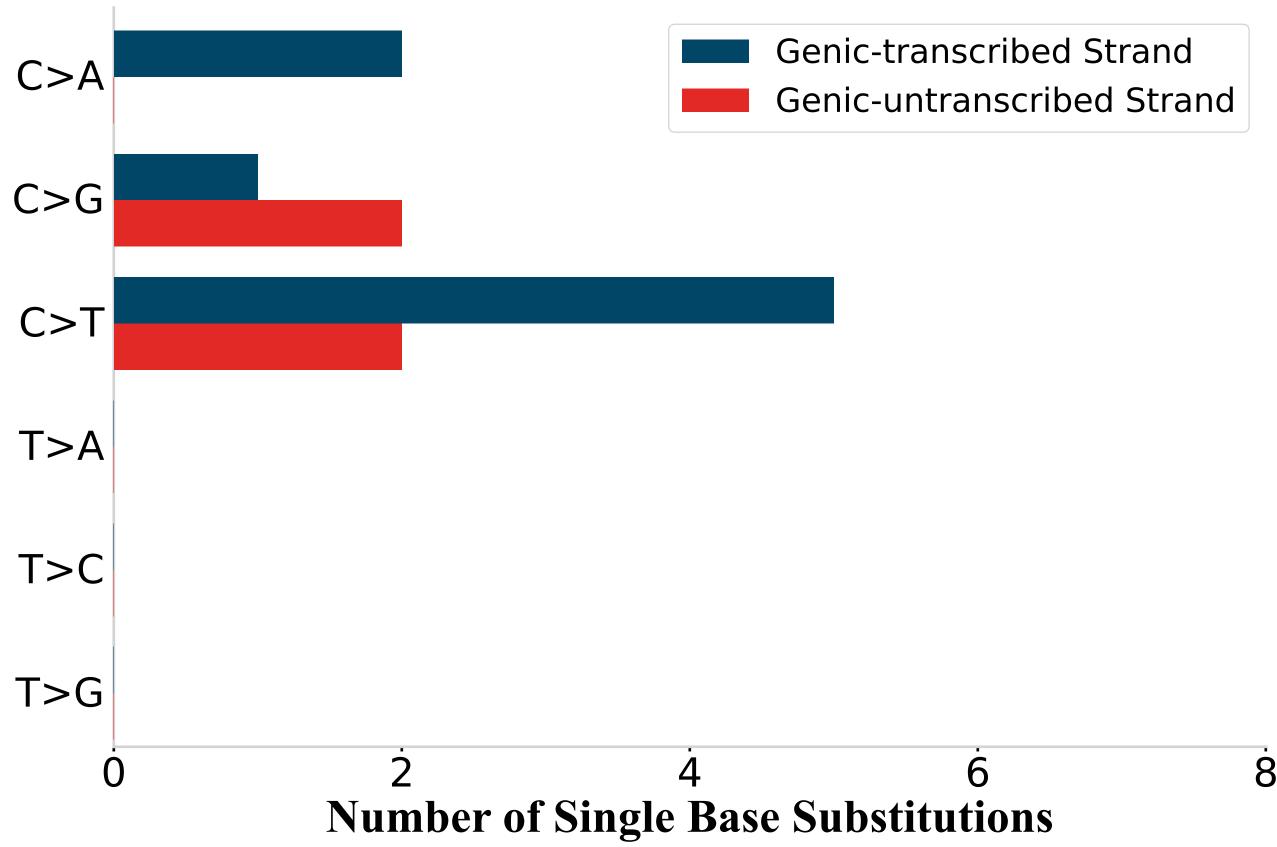
P-0037314-T01-IM6: 19 transcribed subs



P-0037394-T01-IM6: 8 transcribed subs



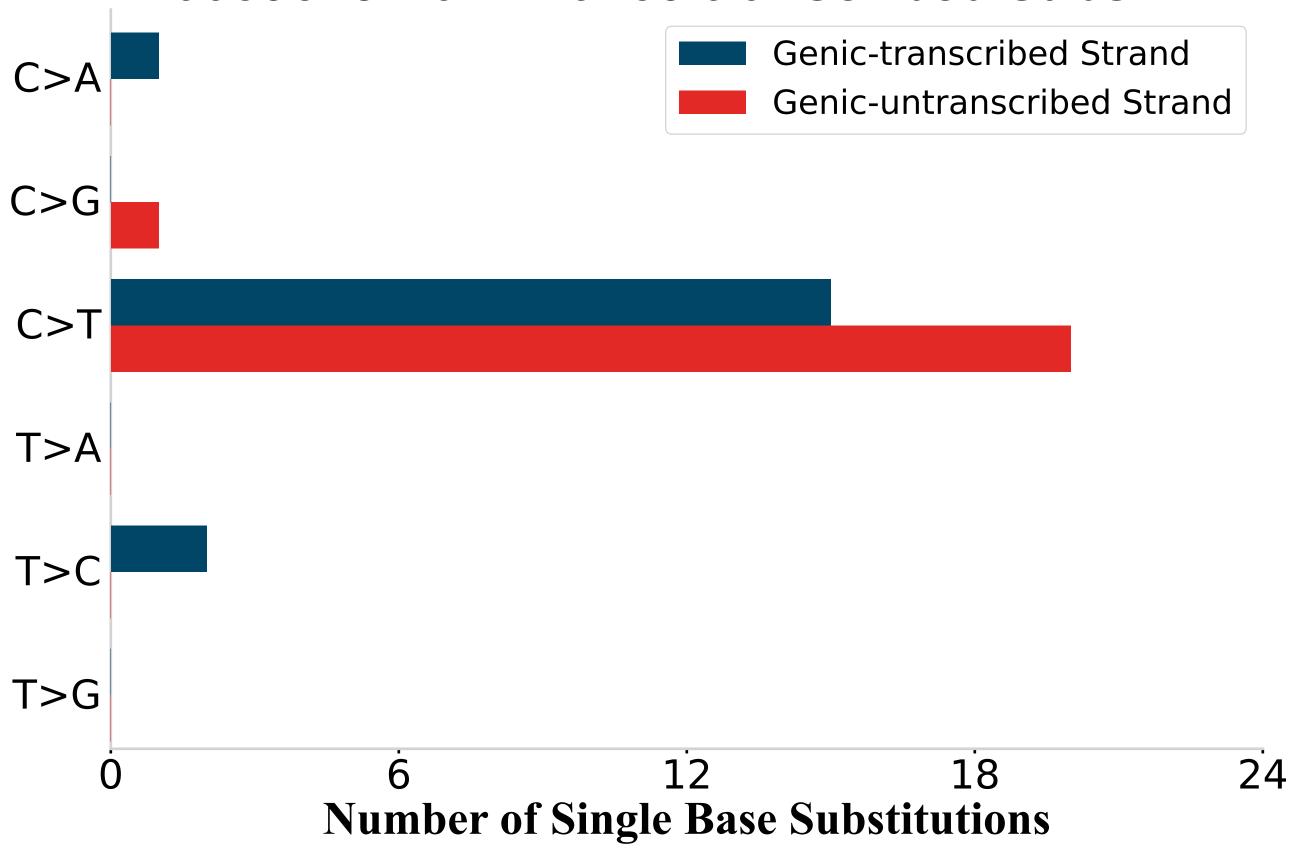
P-0038225-T01-IM6: 12 transcribed subs



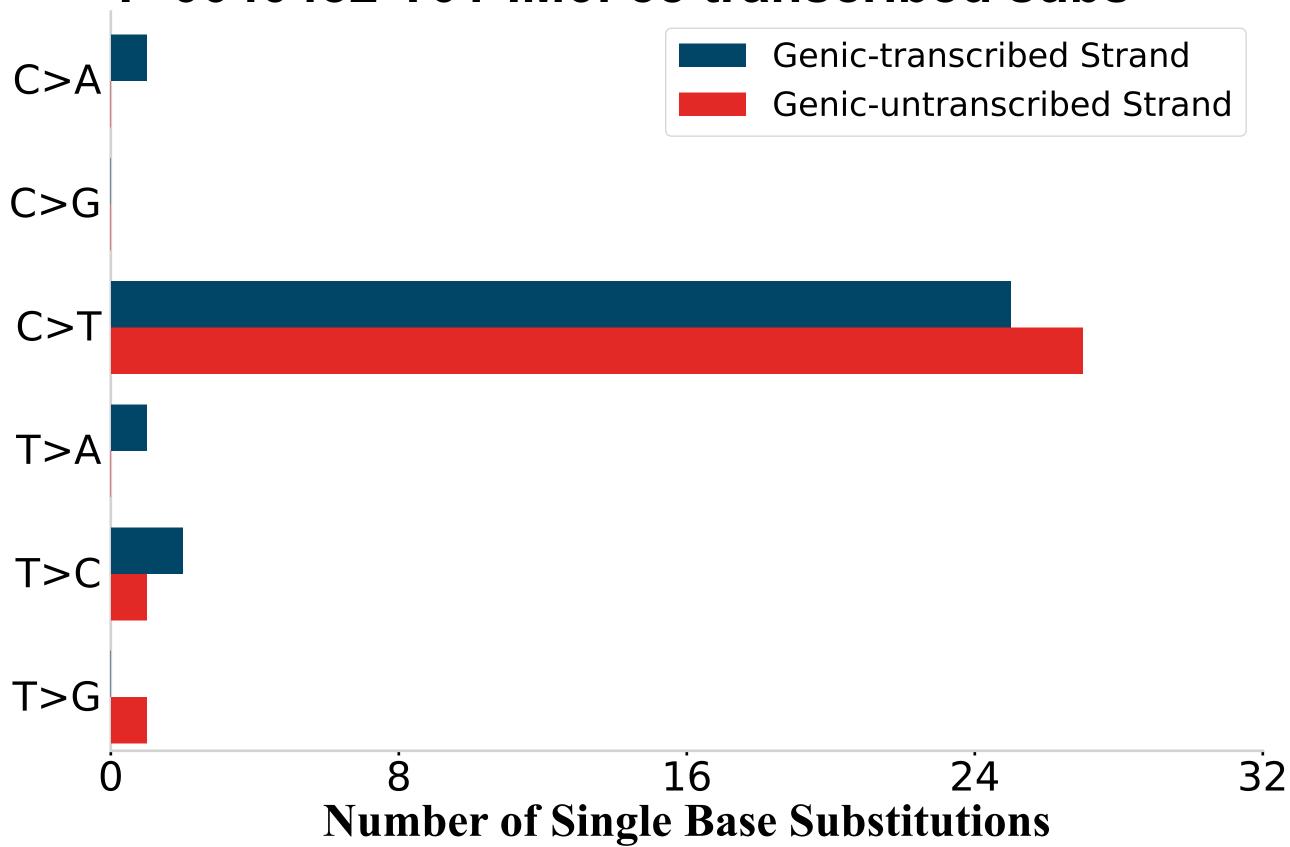
P-0038516-T01-IM6: 1 transcribed subs



P-0039578-T01-IM6: 39 transcribed subs



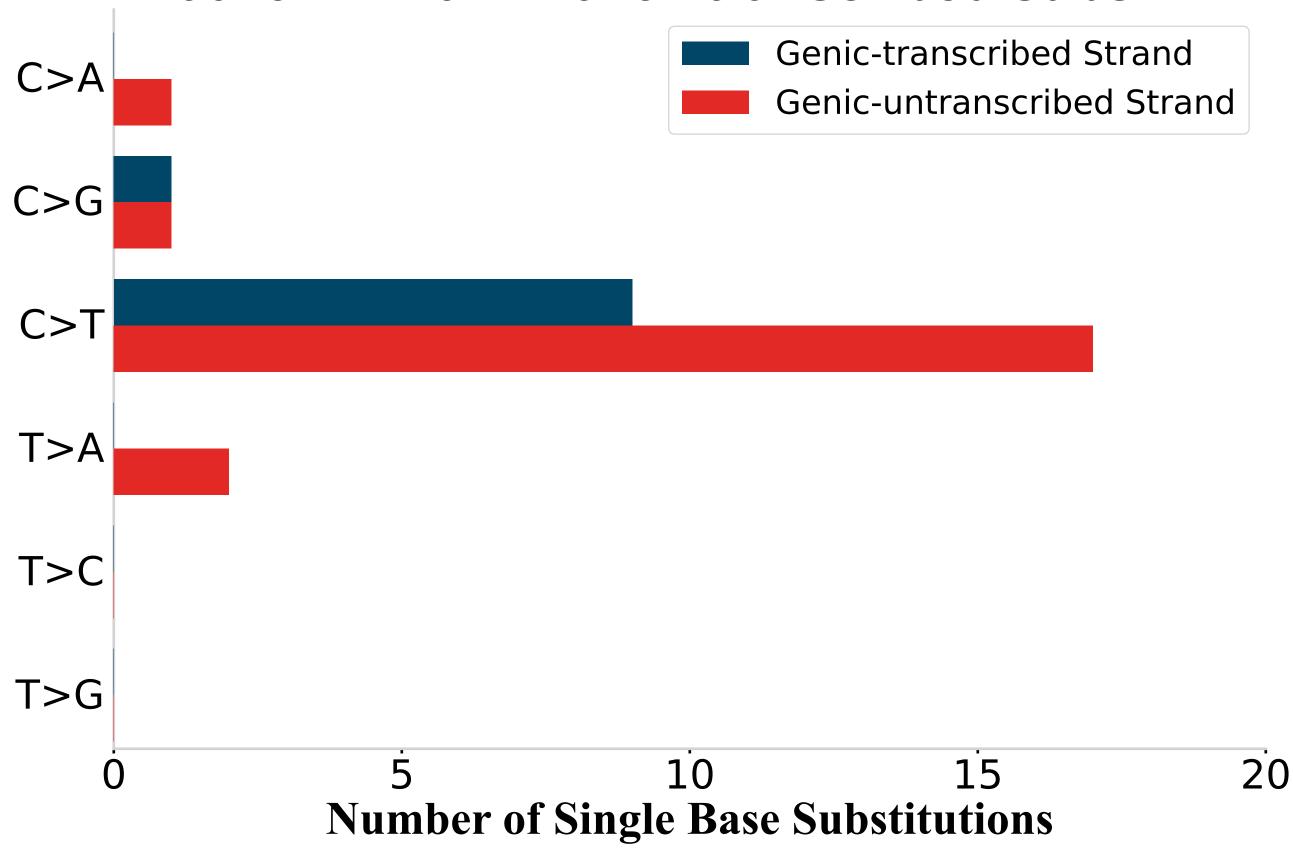
P-0040452-T01-IM6: 58 transcribed subs



P-0041633-T01-IM6: 165 transcribed subs Genic-transcribed Strand Genic-untranscribed Strand C>T T>A T>G 27 108 54 81 **Number of Single Base Substitutions**

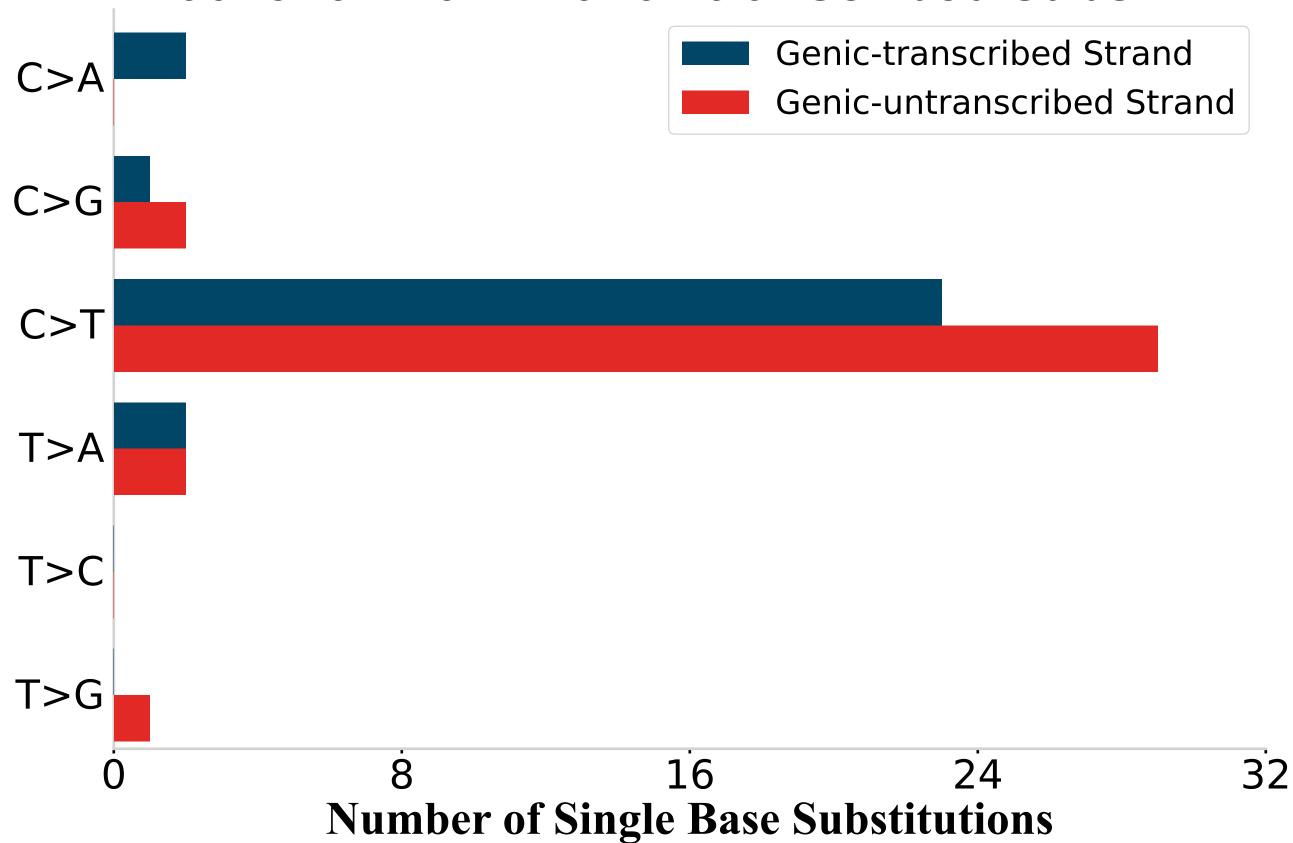
P-0042796-T02-IM6: 136 transcribed subs Genic-transcribed Strand Genic-untranscribed Strand C>T T>AT>C T>G 24 72 48 96 **Number of Single Base Substitutions**

P-0043412-T01-IM6: 31 transcribed subs

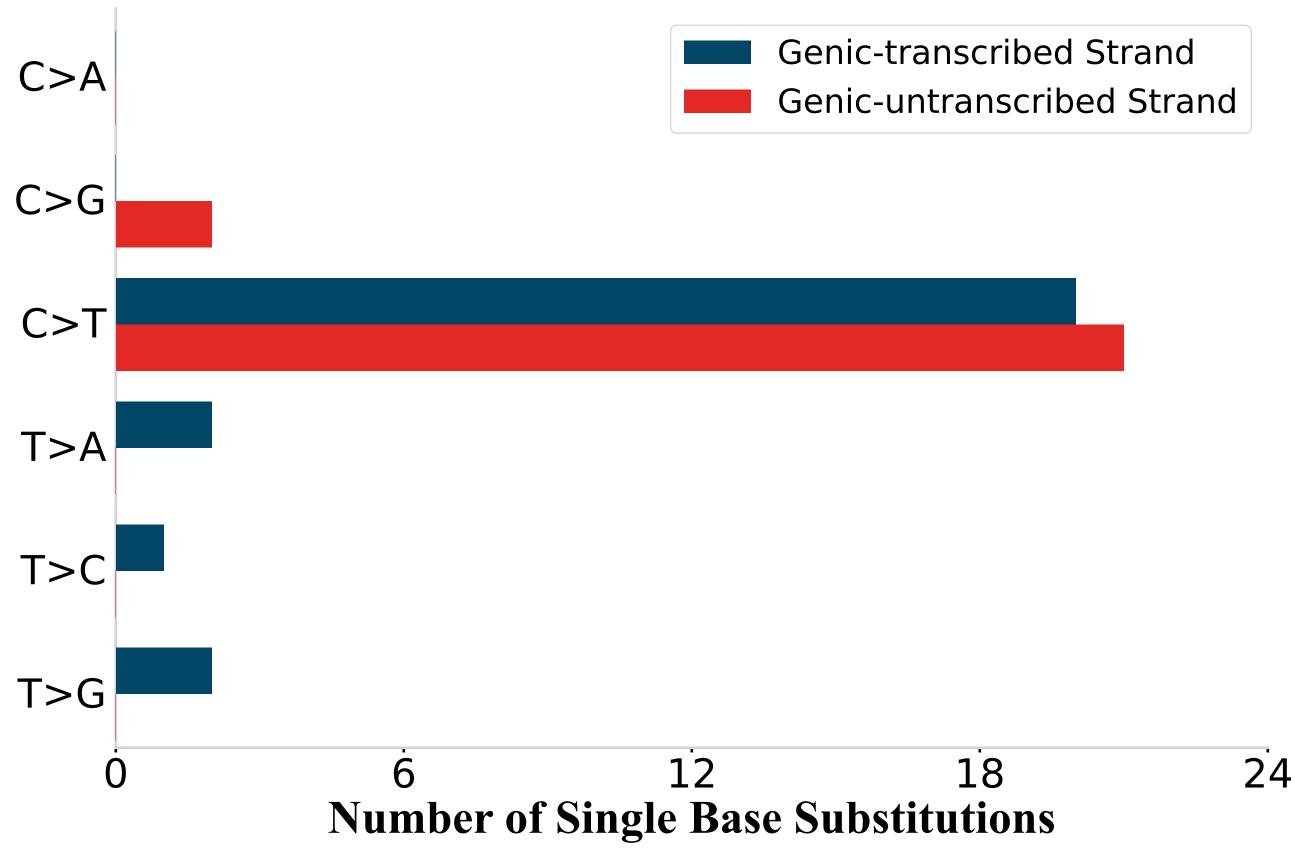


P-0045400-T01-IM6: 93 transcribed subs Genic-transcribed Strand C>A Genic-untranscribed Strand C>G C>T T>A T>C T>G 32 16 48 64 **Number of Single Base Substitutions**

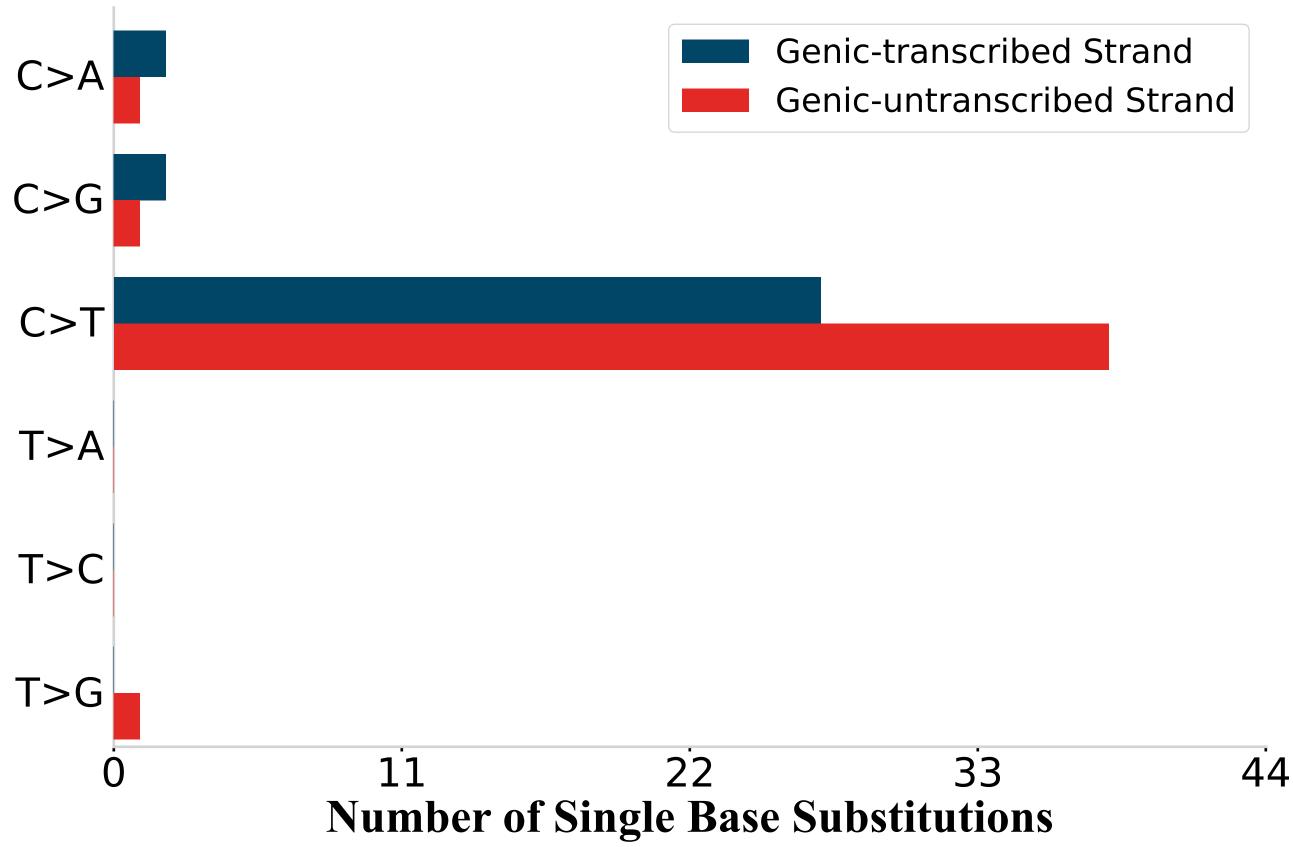
P-0045461-T01-IM6: 62 transcribed subs



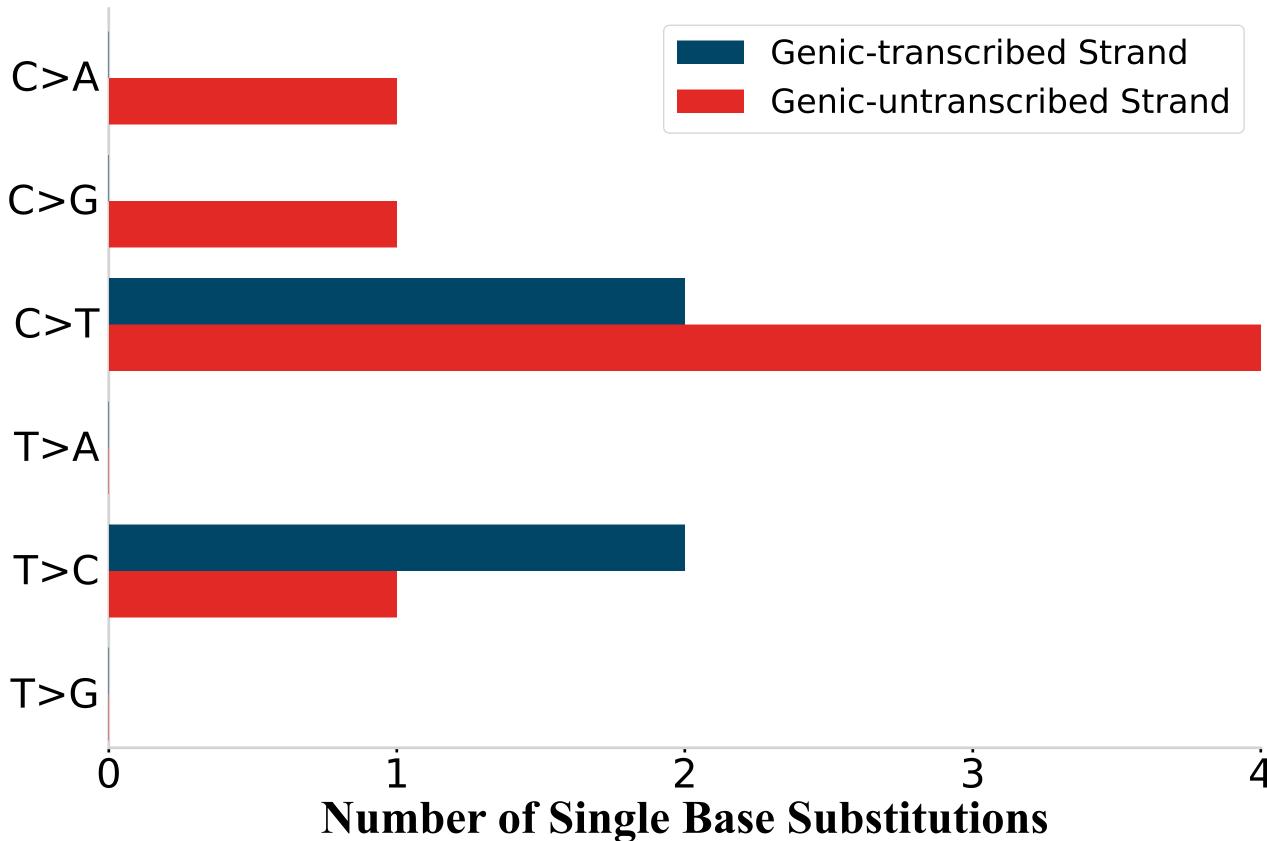
P-0045878-T01-IM6: 48 transcribed subs



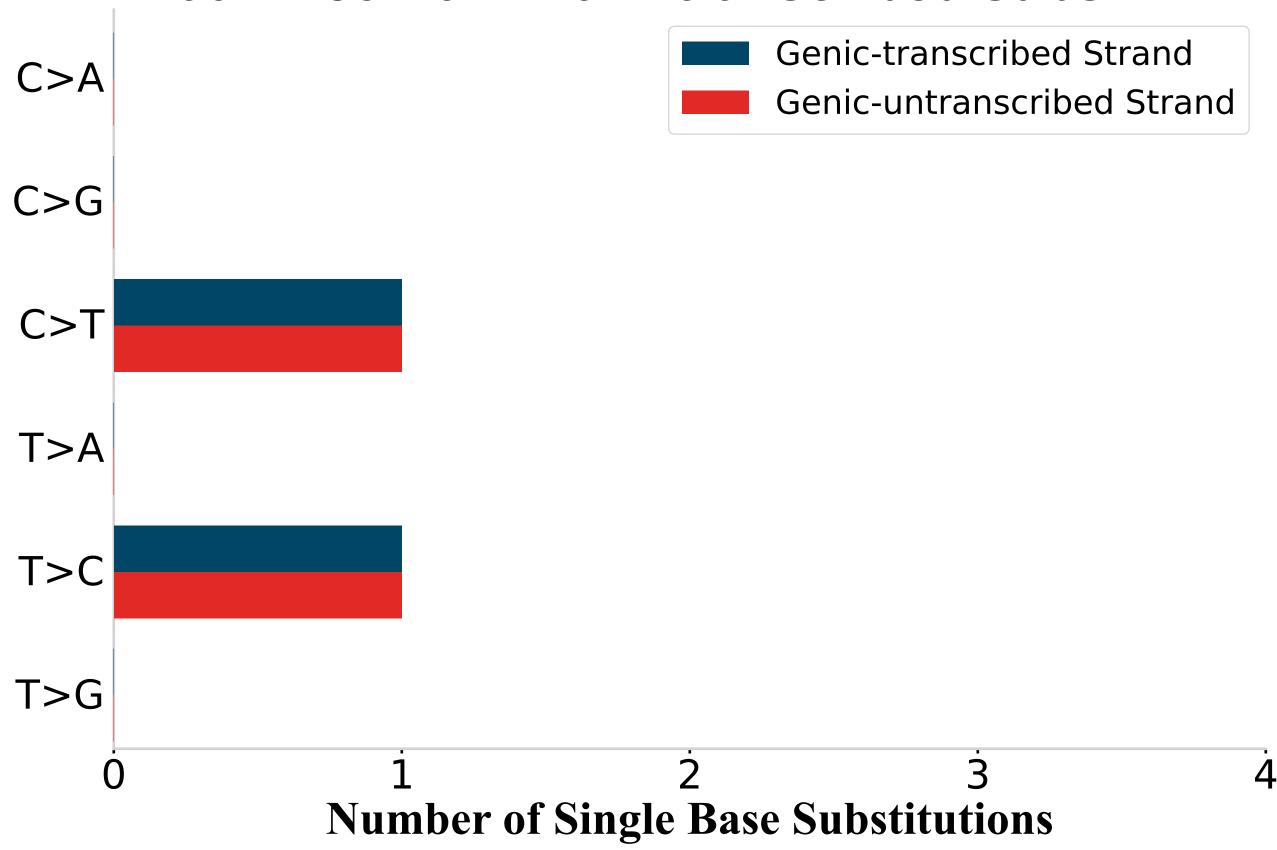
P-0046366-T01-IM6: 72 transcribed subs



P-0047652-T01-IM6: 11 transcribed subs



P-0047783-T01-IM6: 4 transcribed subs



P-0048862-T01-IM6: 7 transcribed subs

