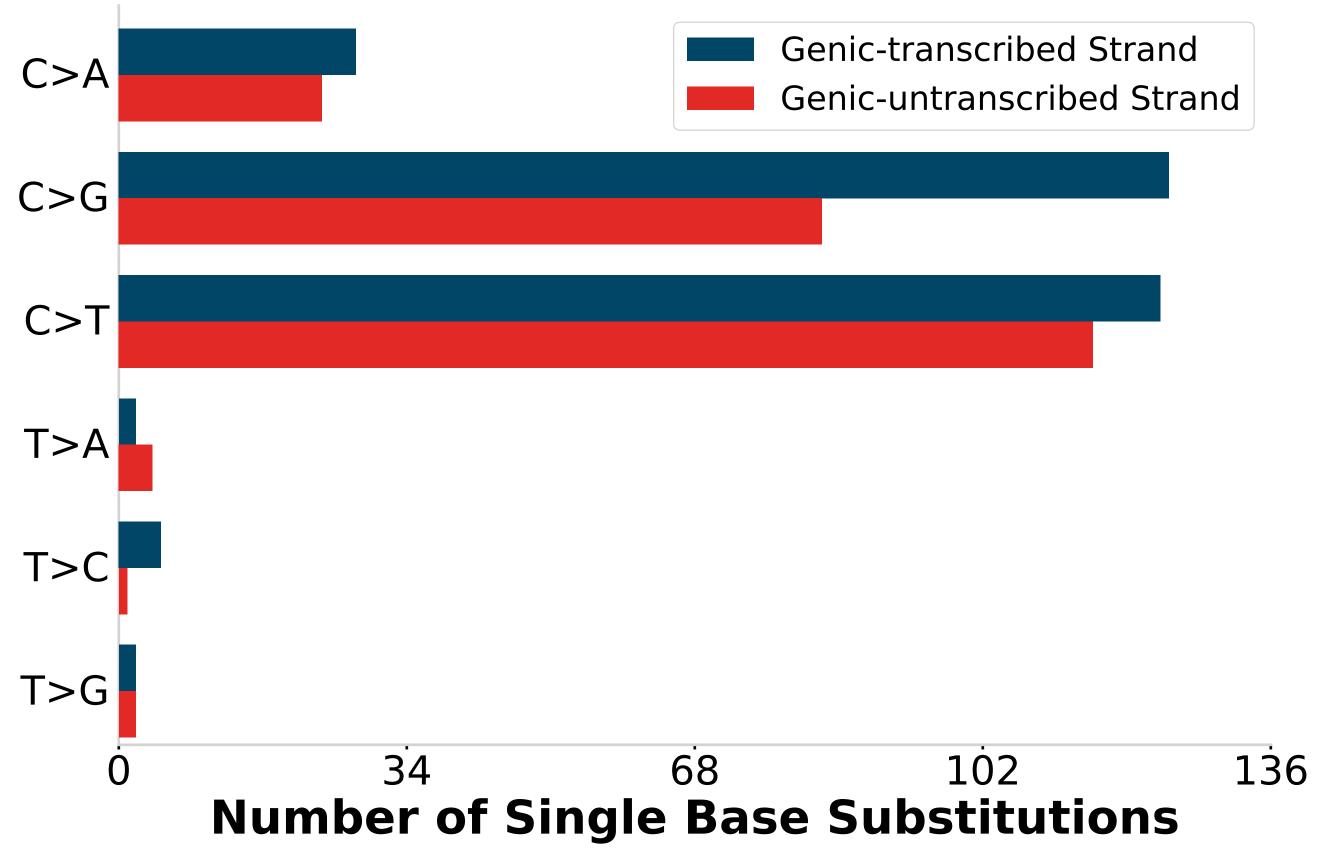
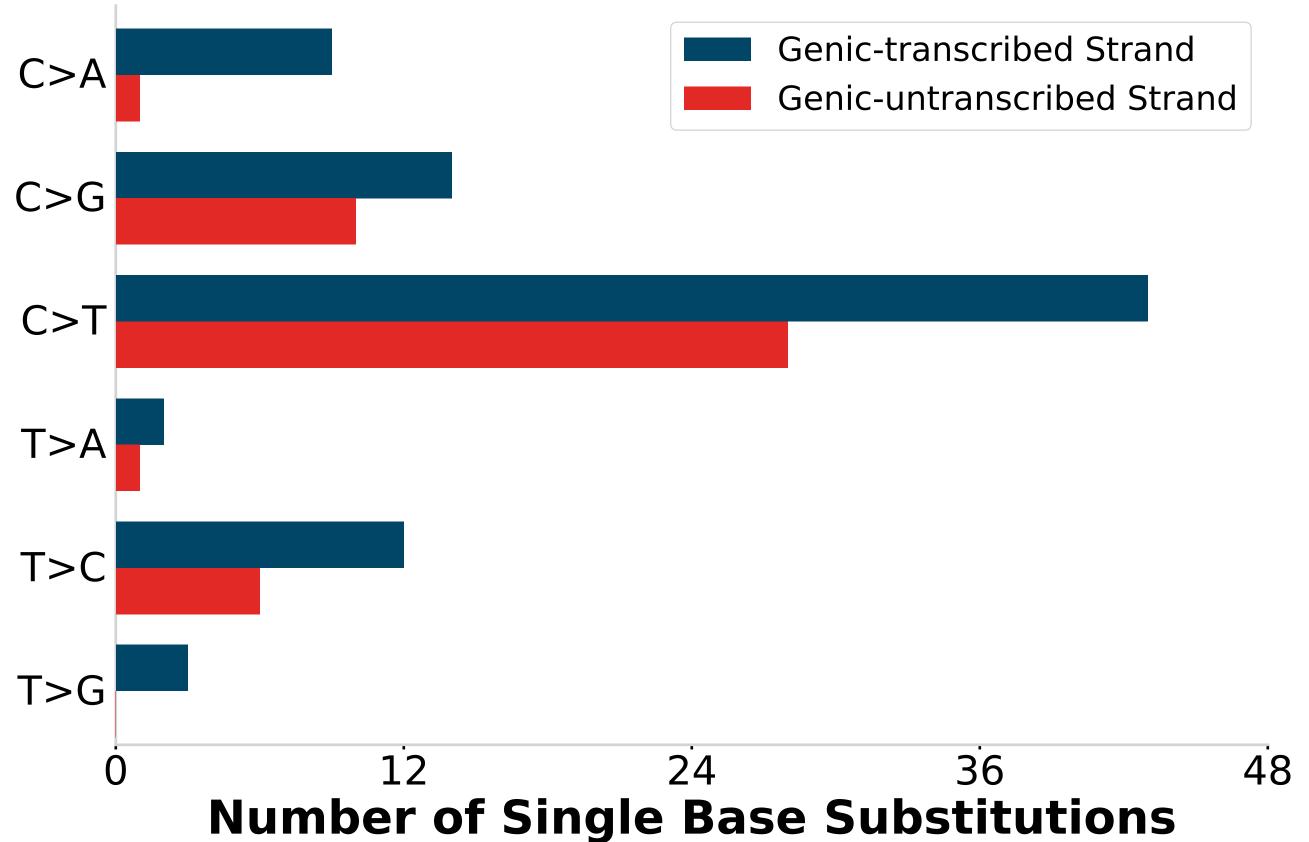
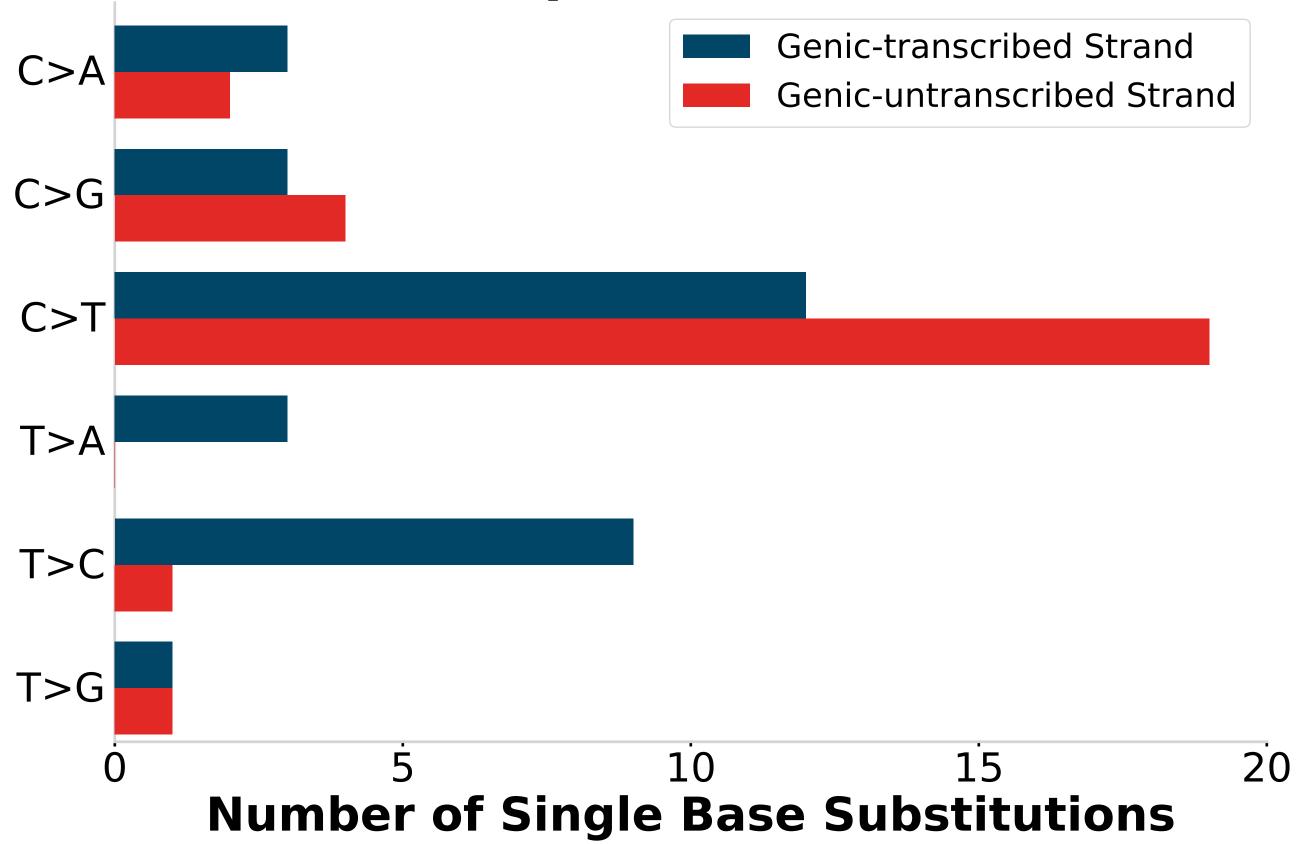
# TCGA-2F-A9KO-01A-11D-A38G-08: 513 tra



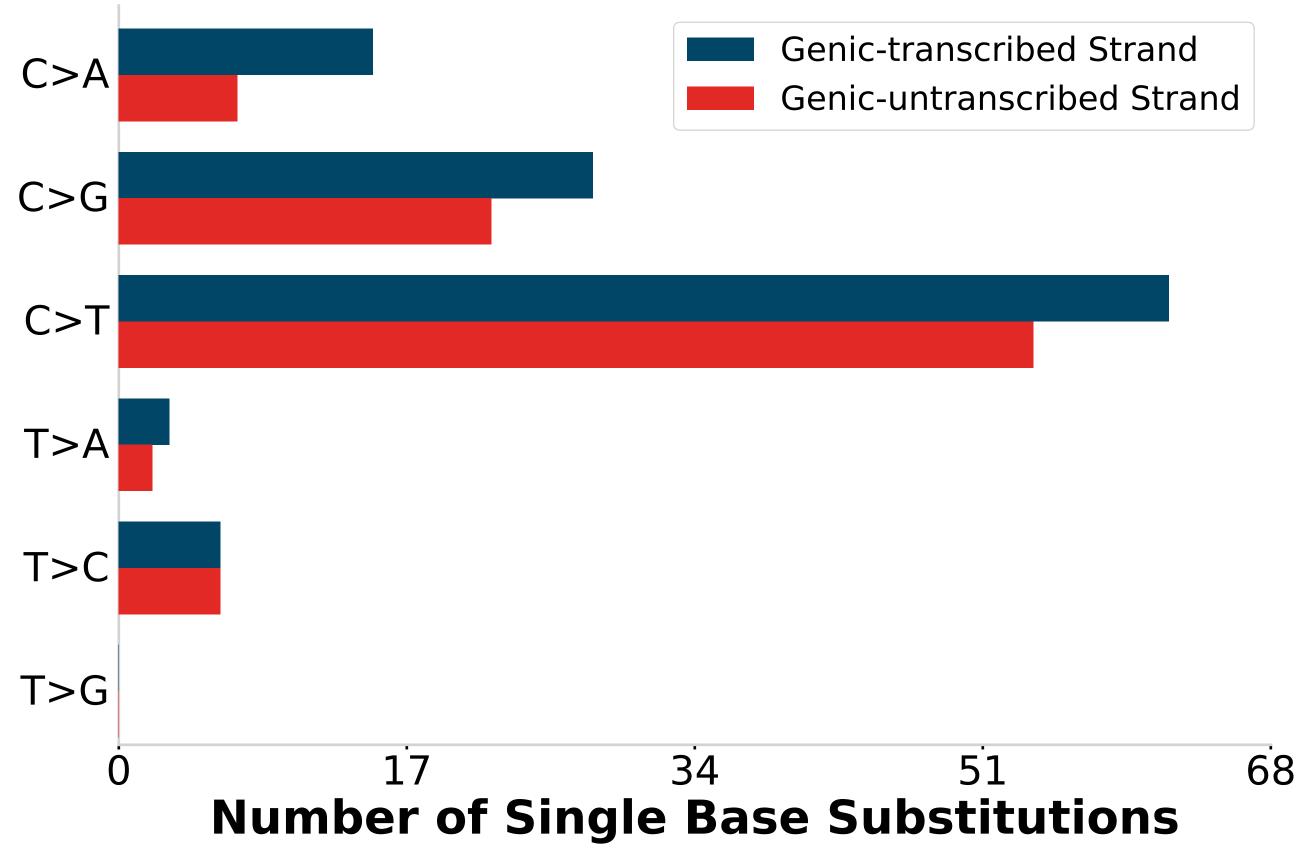
# TCGA-2F-A9KP-01A-11D-A38G-08: 129 trail



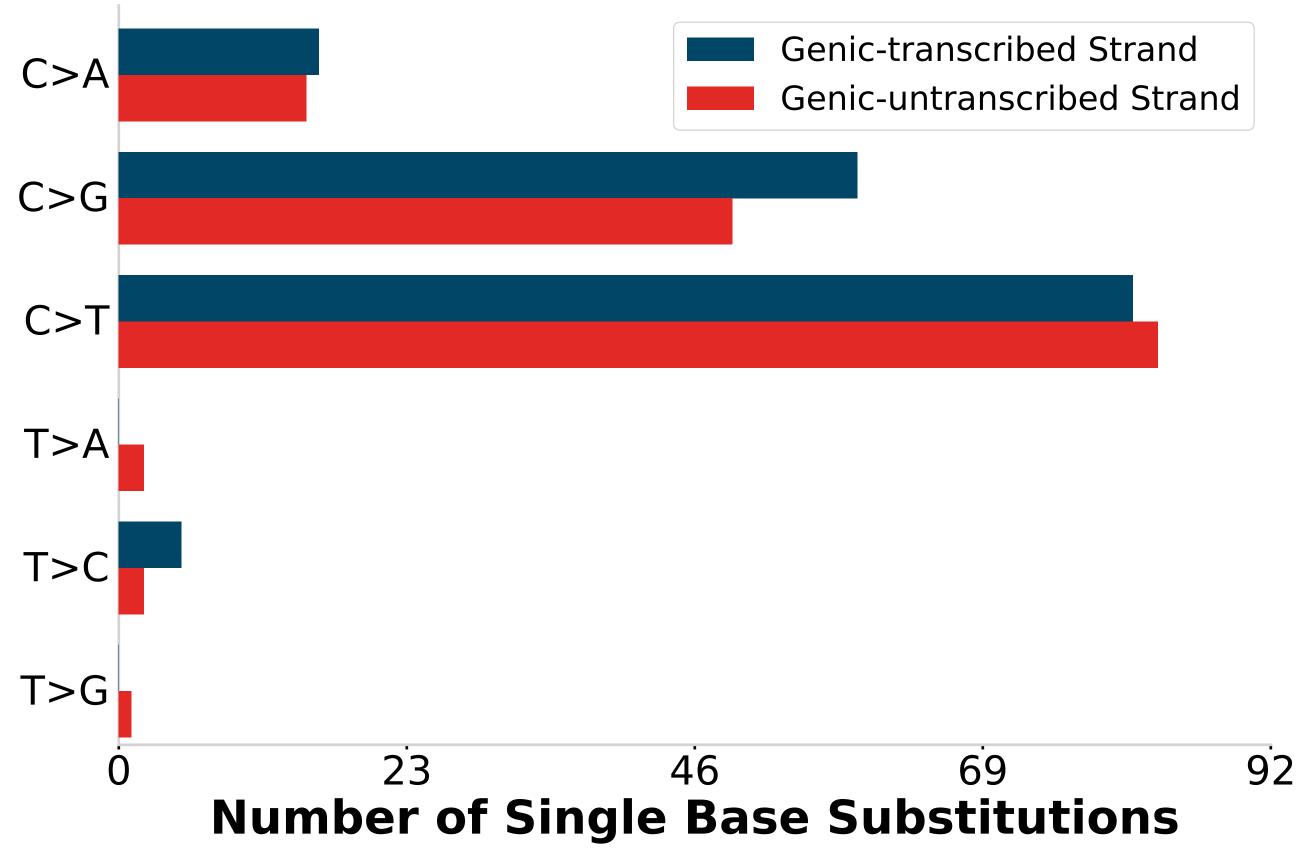
# TCGA-2F-A9KQ-01A-11D-A38G-08: 58 tran



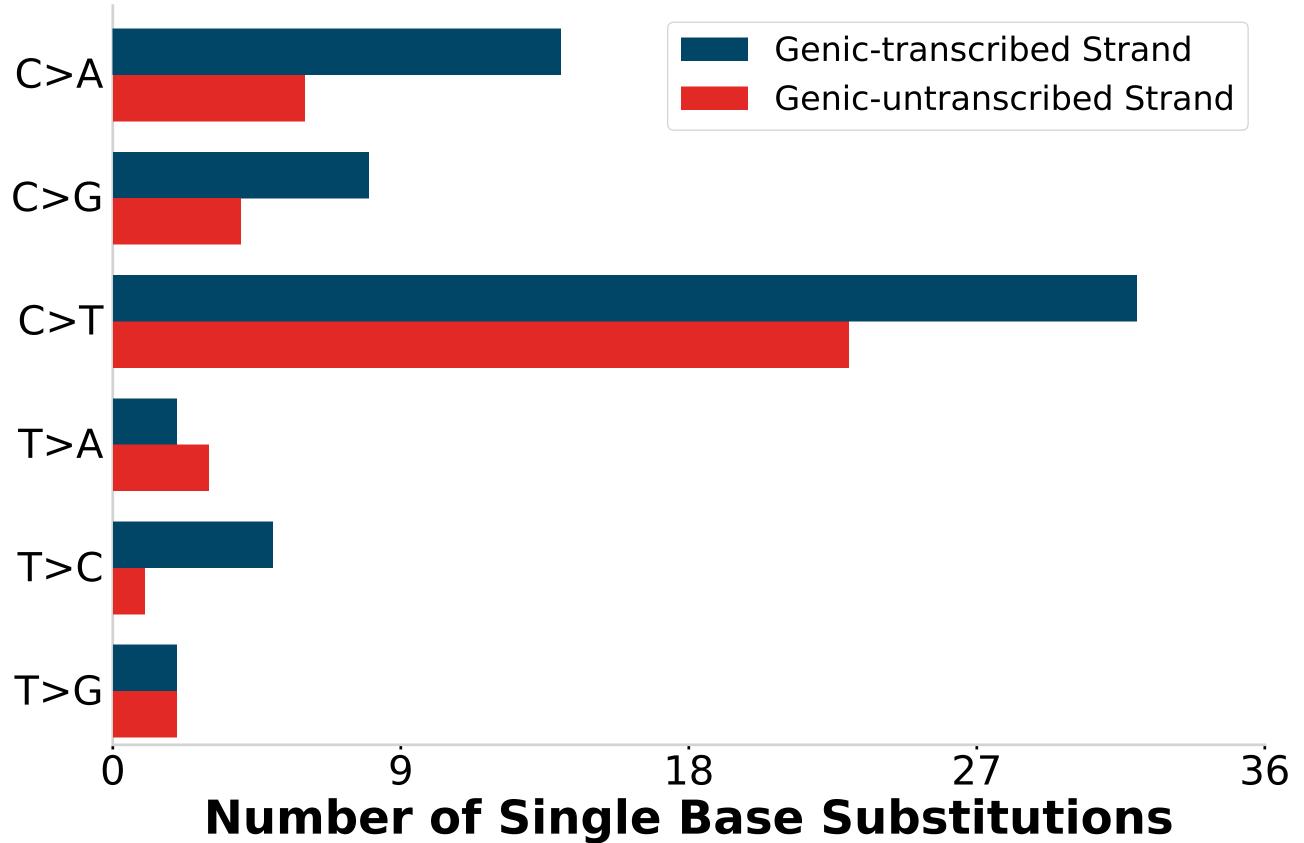
# TCGA-2F-A9KR-01A-11D-A38G-08: 205 trail



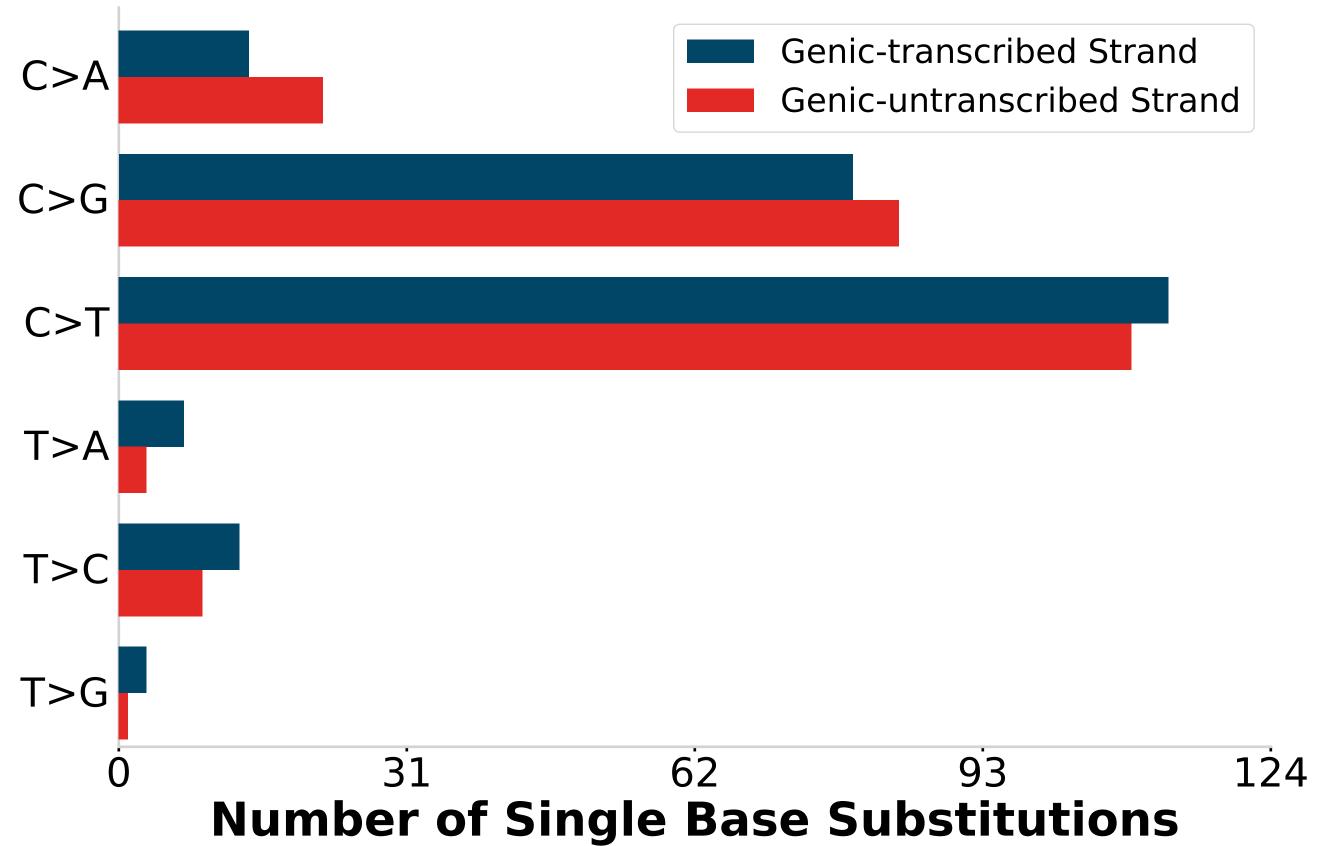
# TCGA-2F-A9KT-01A-11D-A38G-08: 313 trar



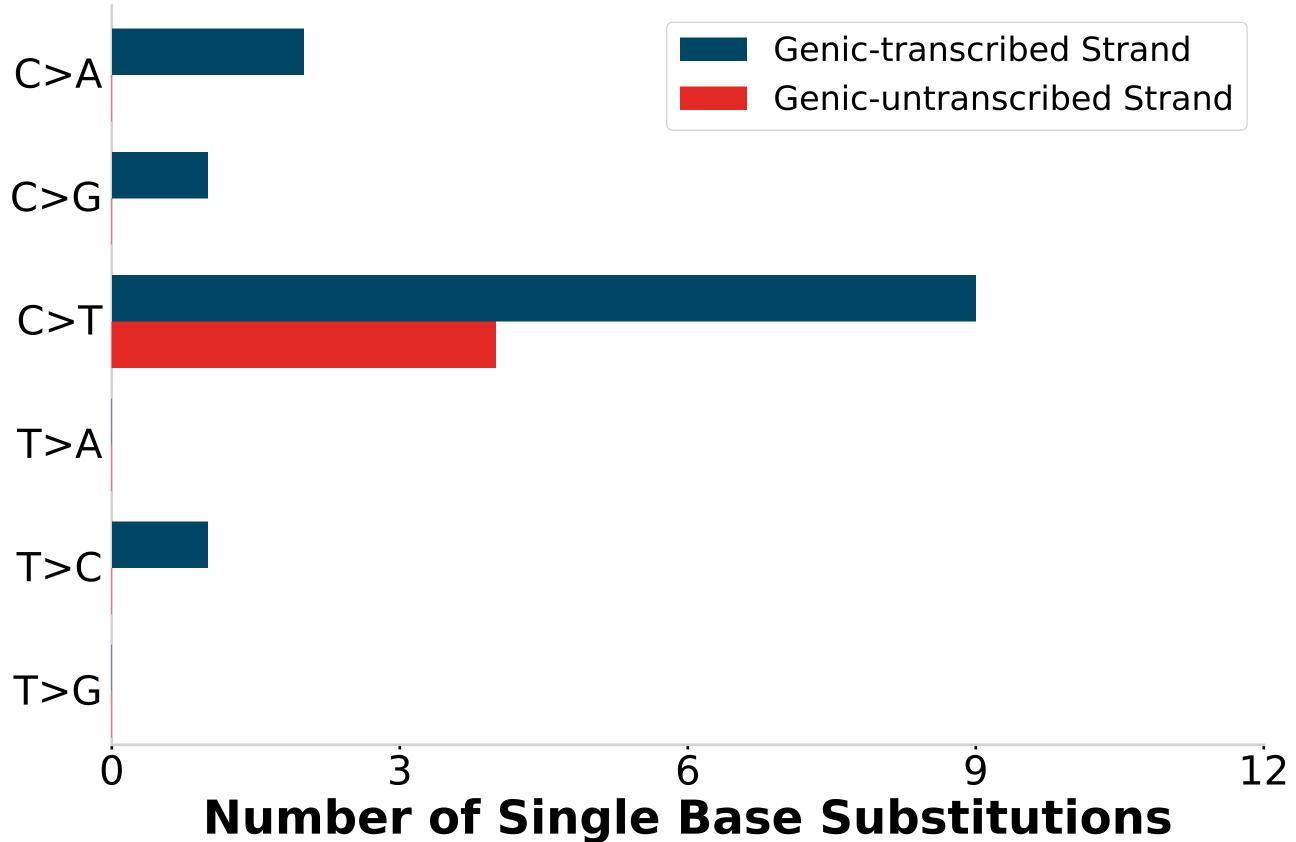
#### TCGA-2F-A9KW-01A-11D-A38G-08: 102 tra



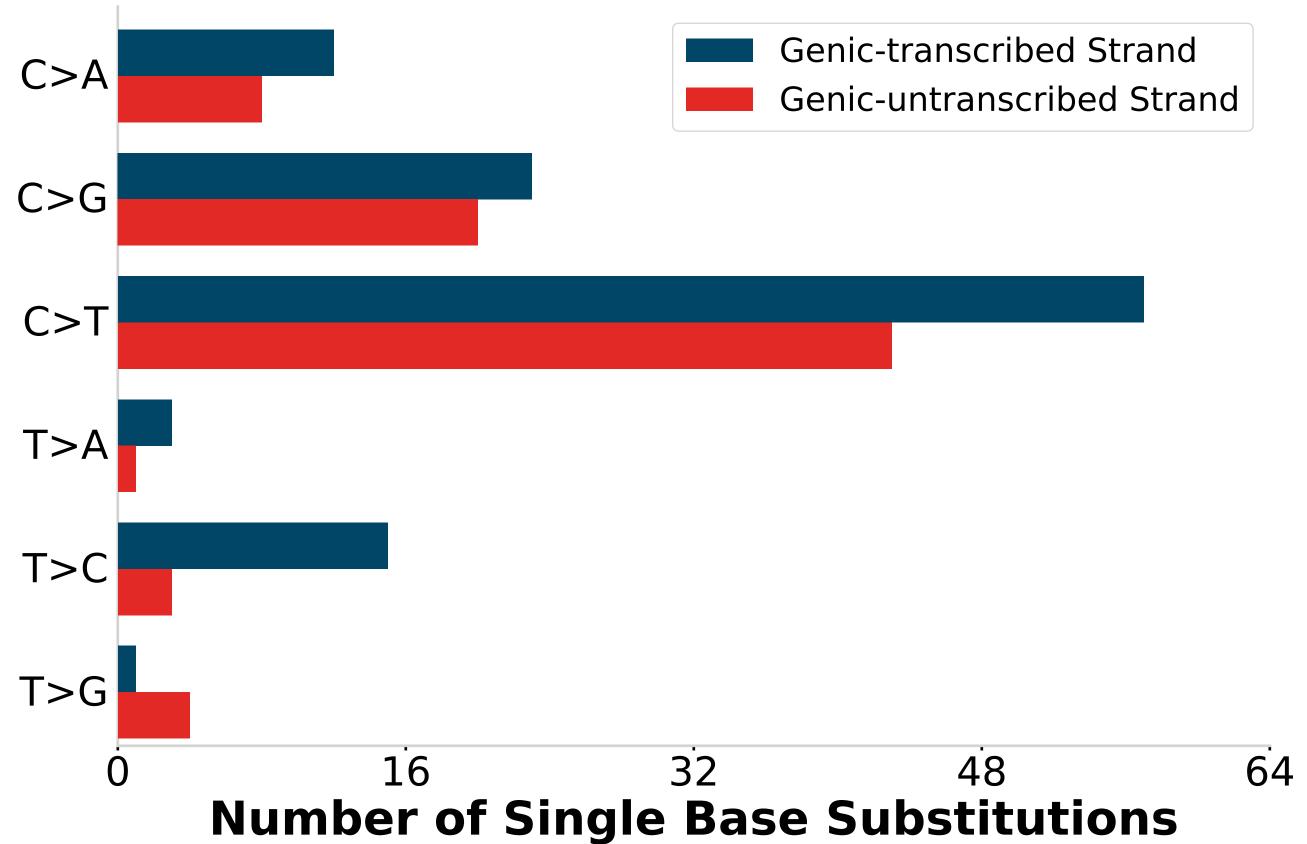
#### TCGA-4Z-AA7M-01A-11D-A391-08: 457 tra



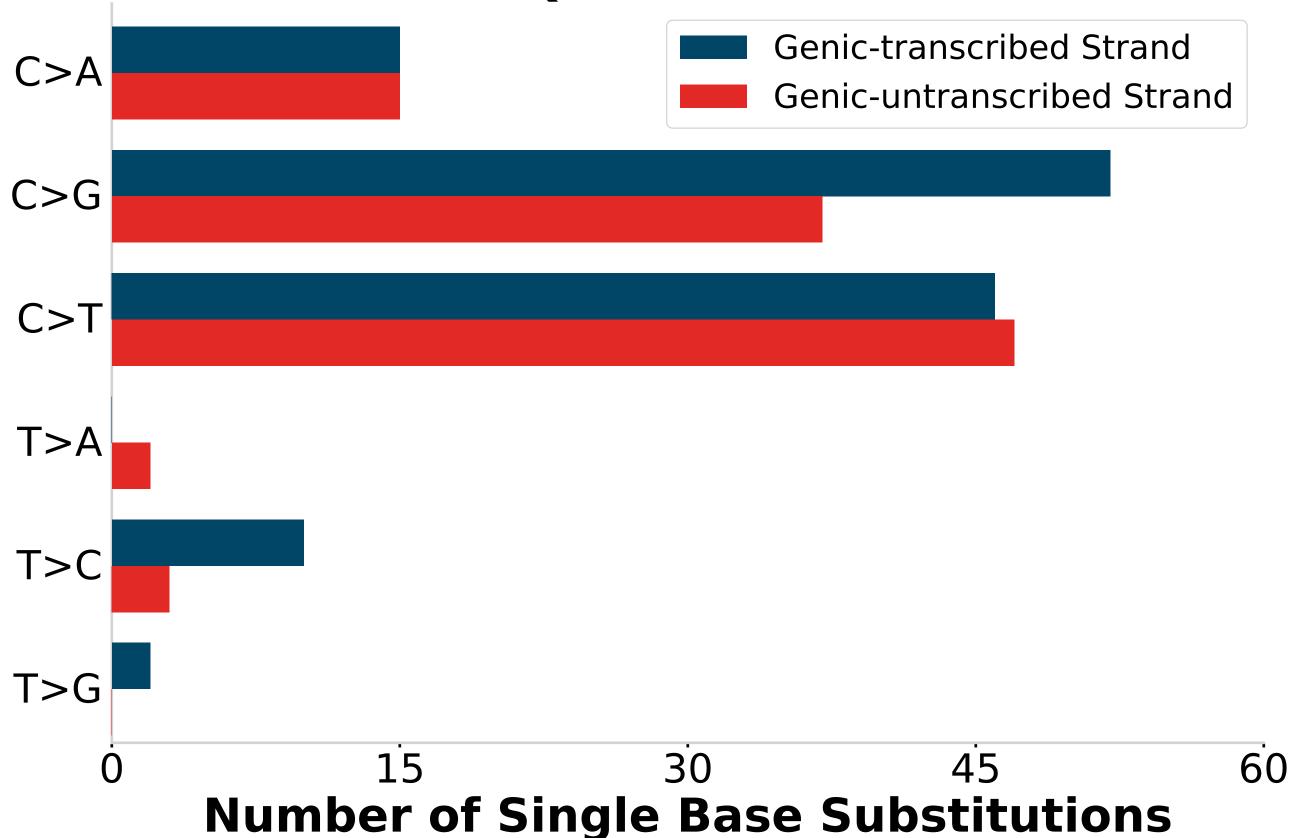
#### TCGA-4Z-AA7N-01A-11D-A391-08: 17 trans



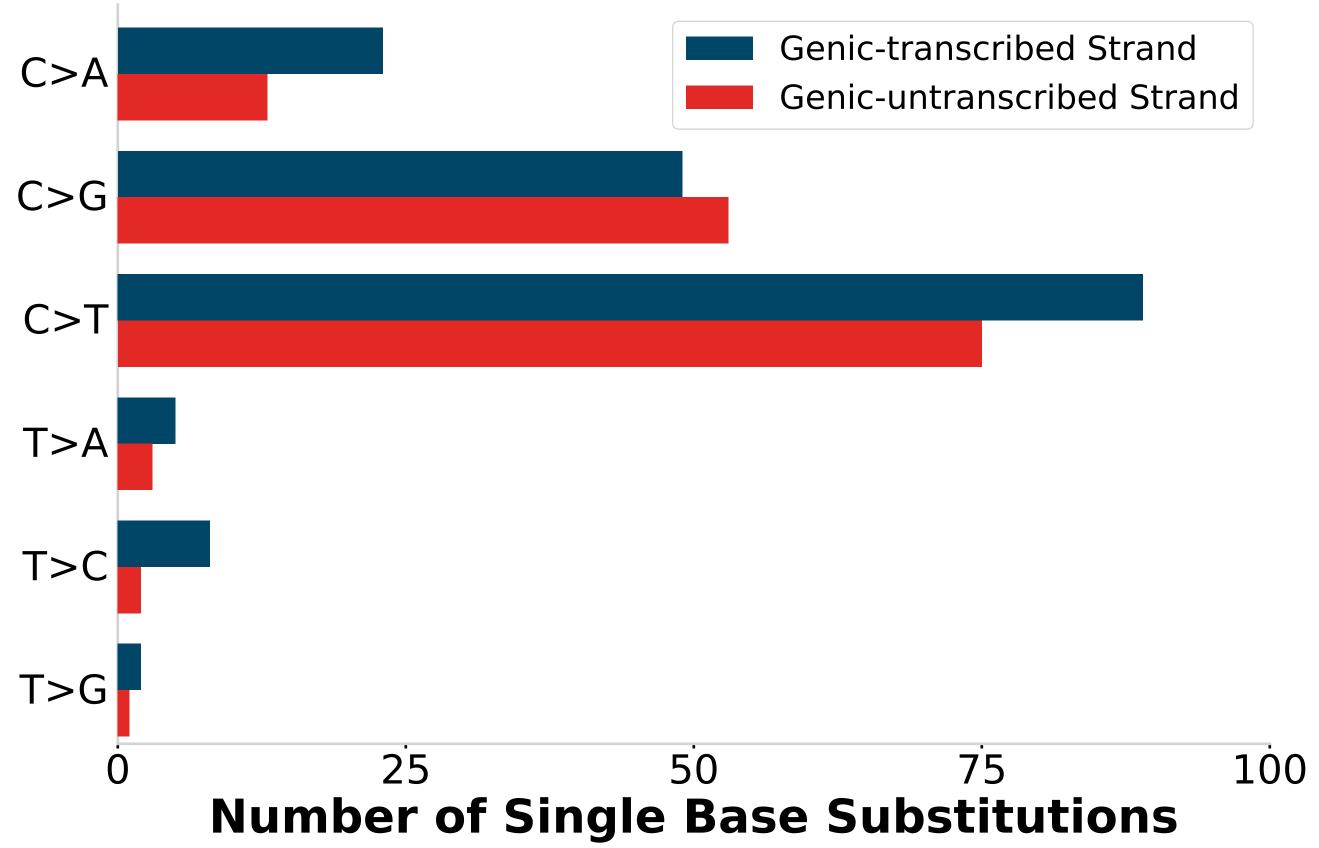
# TCGA-4Z-AA7O-01A-31D-A391-08: 190 tra



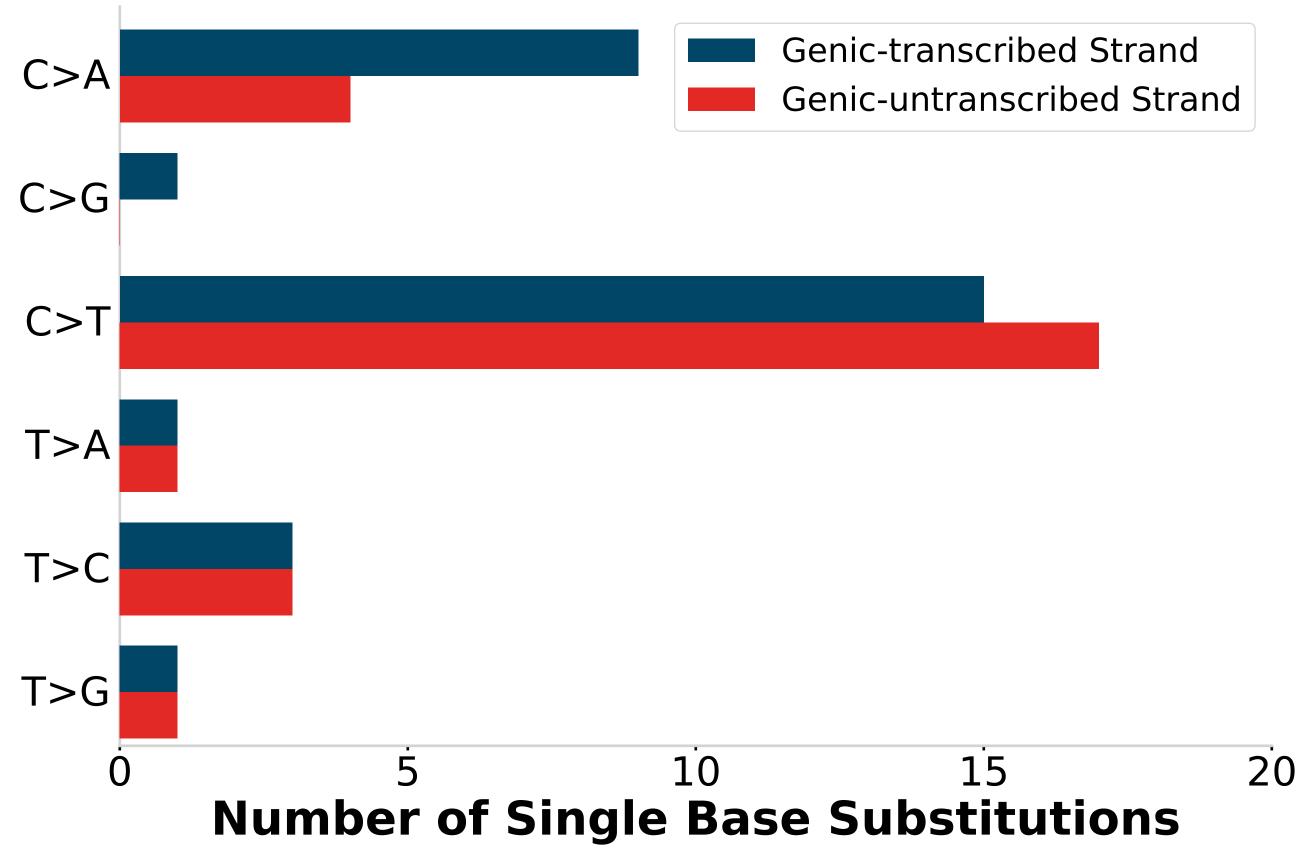
# TCGA-4Z-AA7Q-01A-11D-A391-08: 229 tra



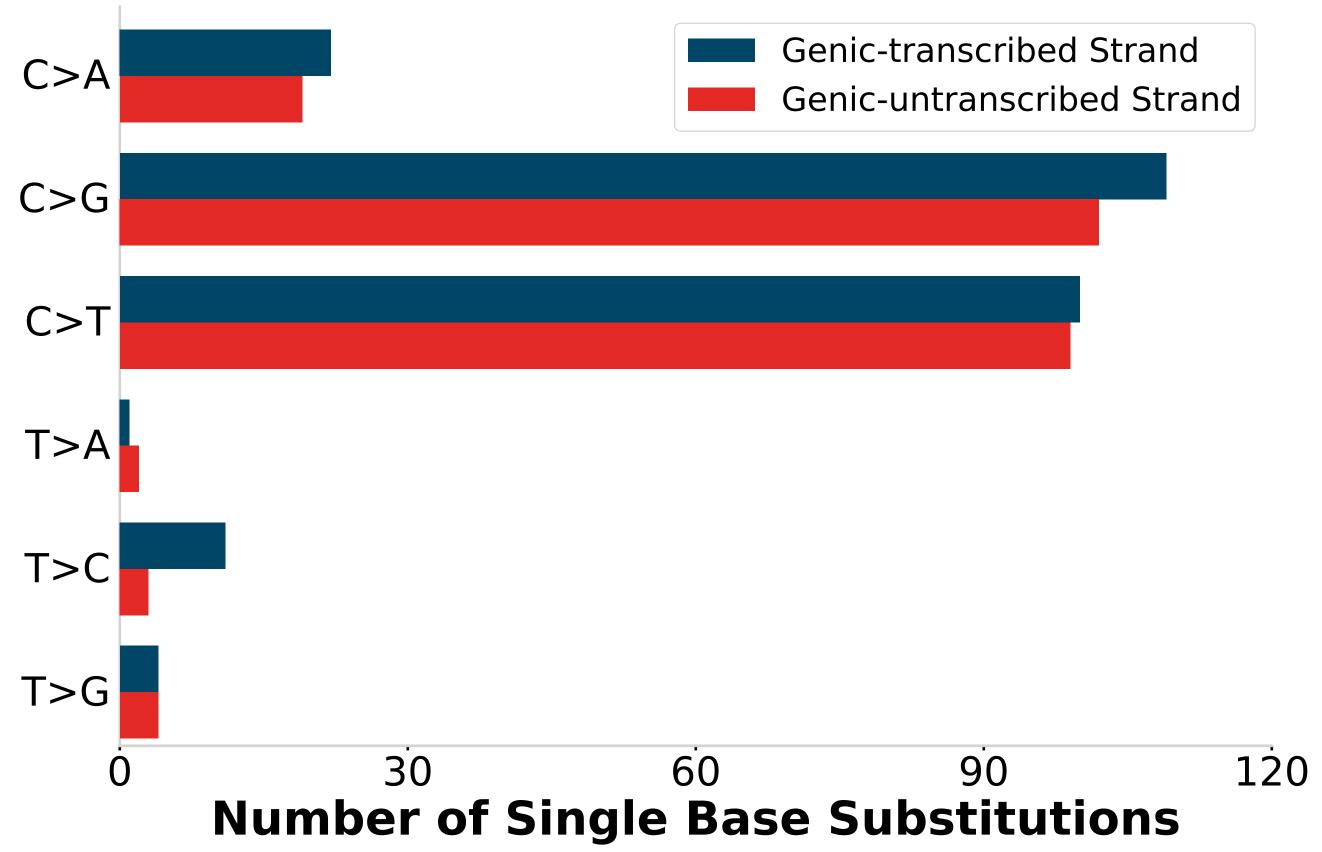
# TCGA-4Z-AA7R-01A-11D-A391-08: 323 trail



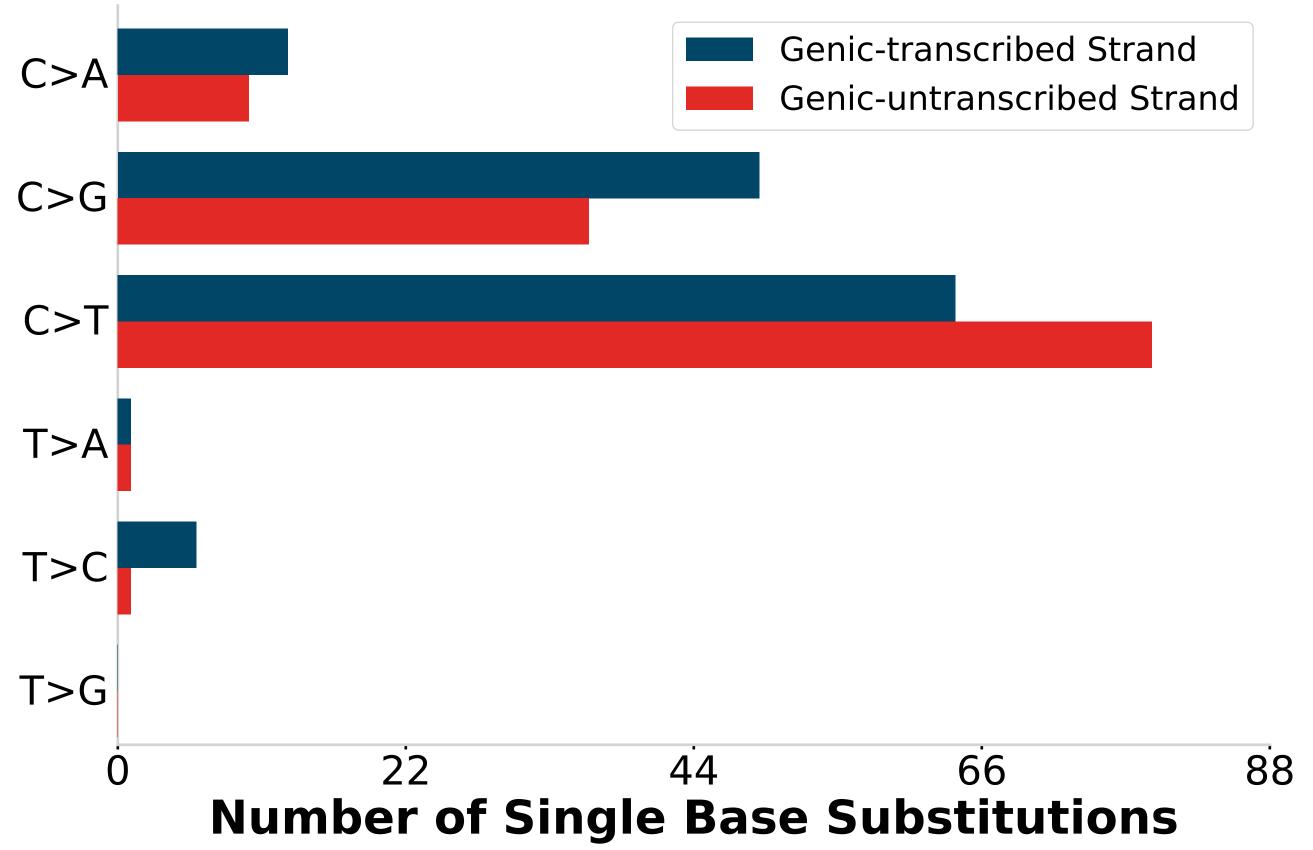
#### TCGA-4Z-AA7S-01A-11D-A391-08: 56 trans



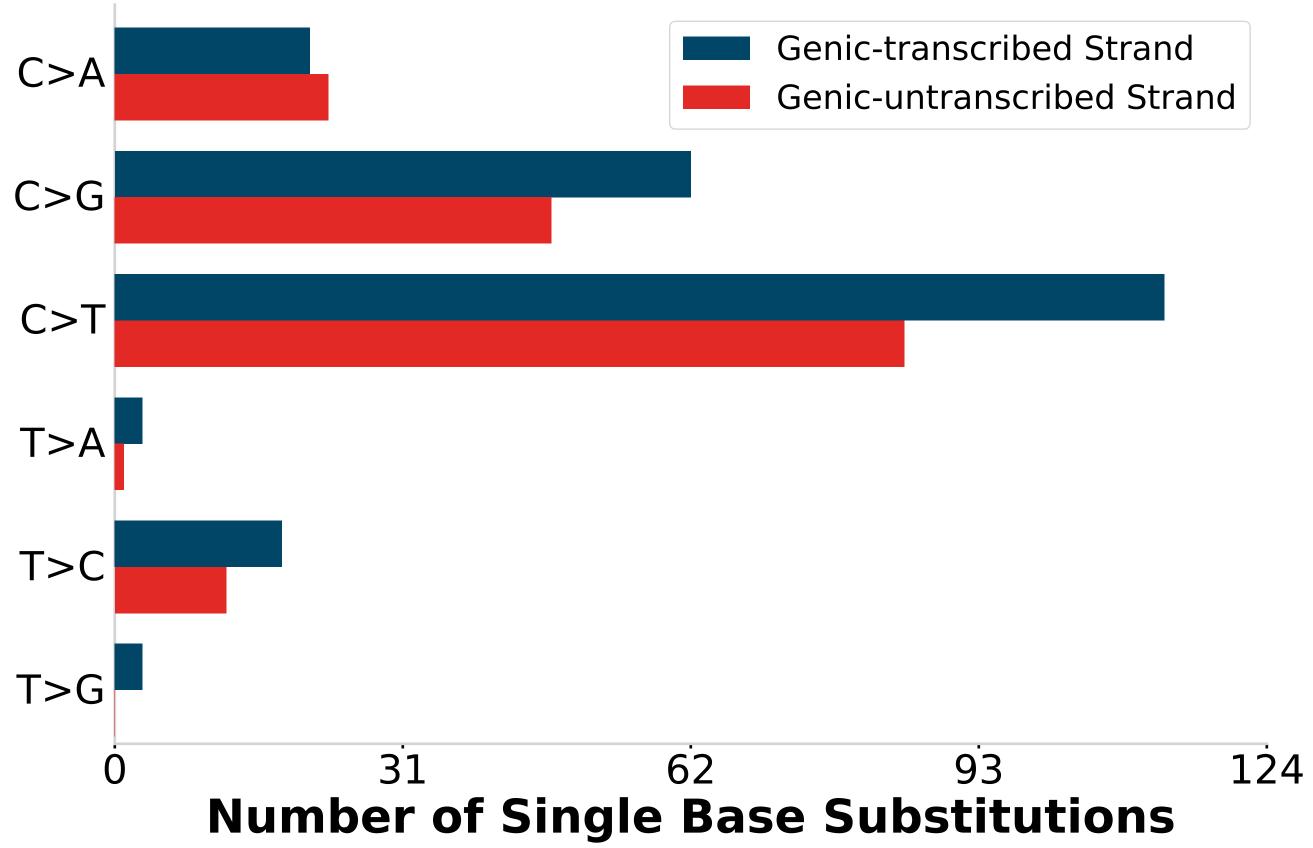
#### TCGA-4Z-AA7W-01A-11D-A391-08: 476 tra



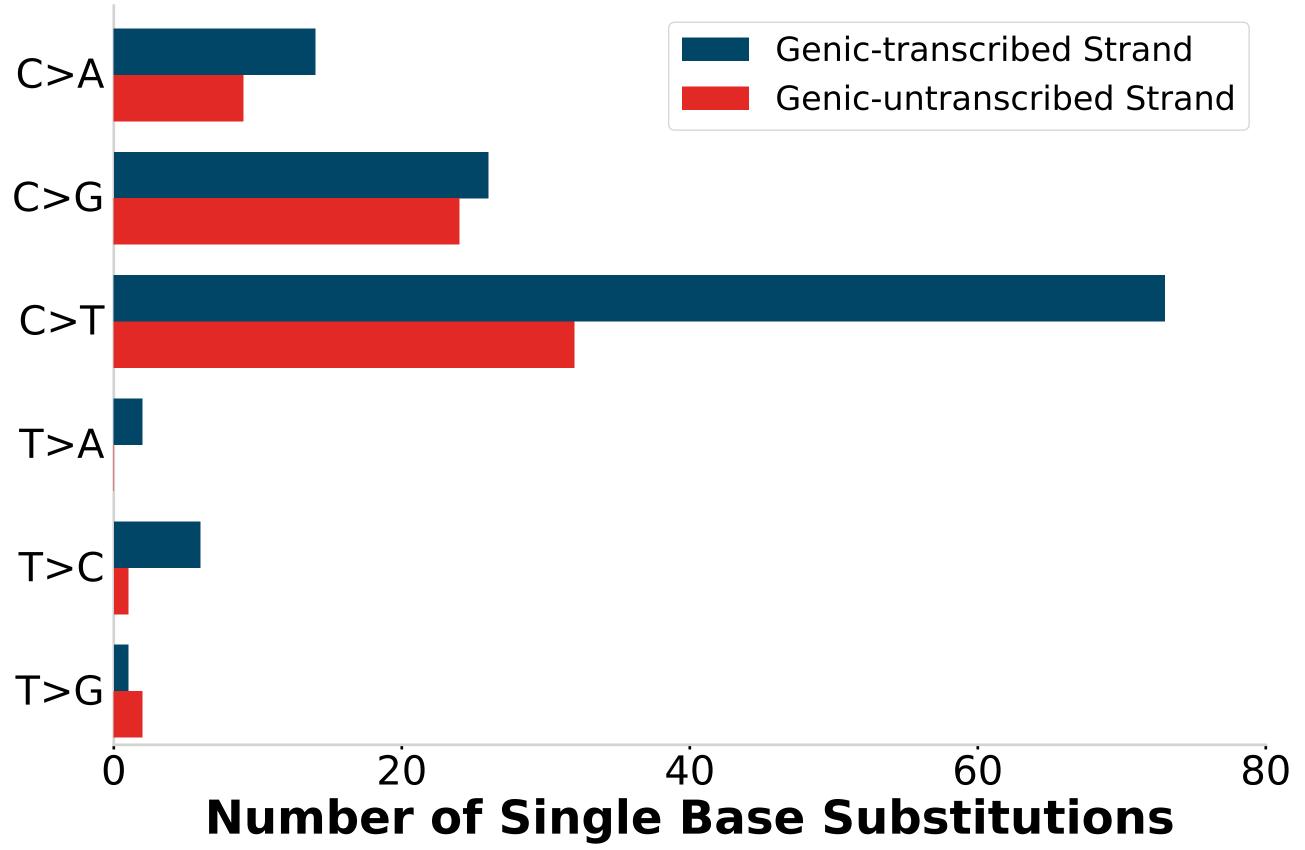
# TCGA-4Z-AA7Y-01A-11D-A391-08: 260 trar



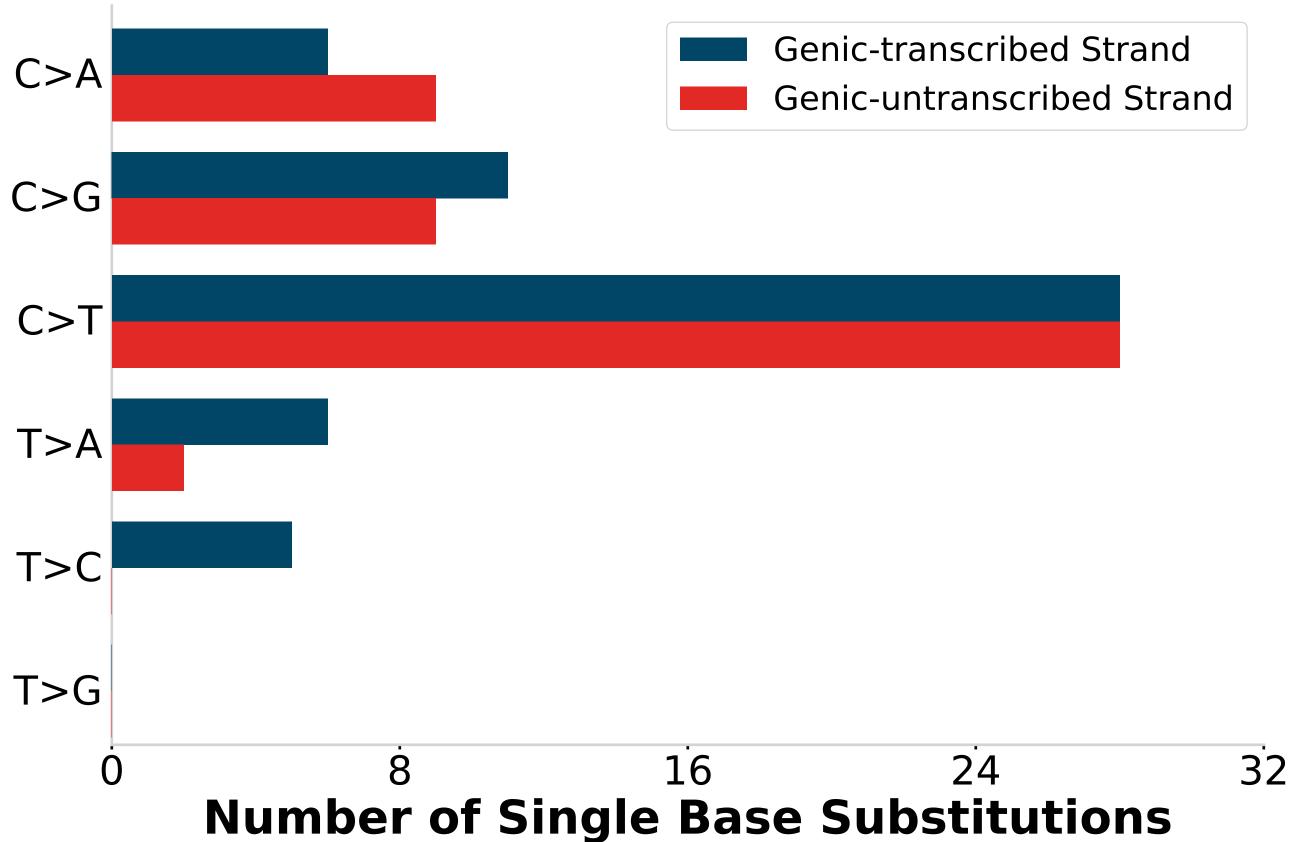
# TCGA-4Z-AA80-01A-11D-A391-08: 388 trai



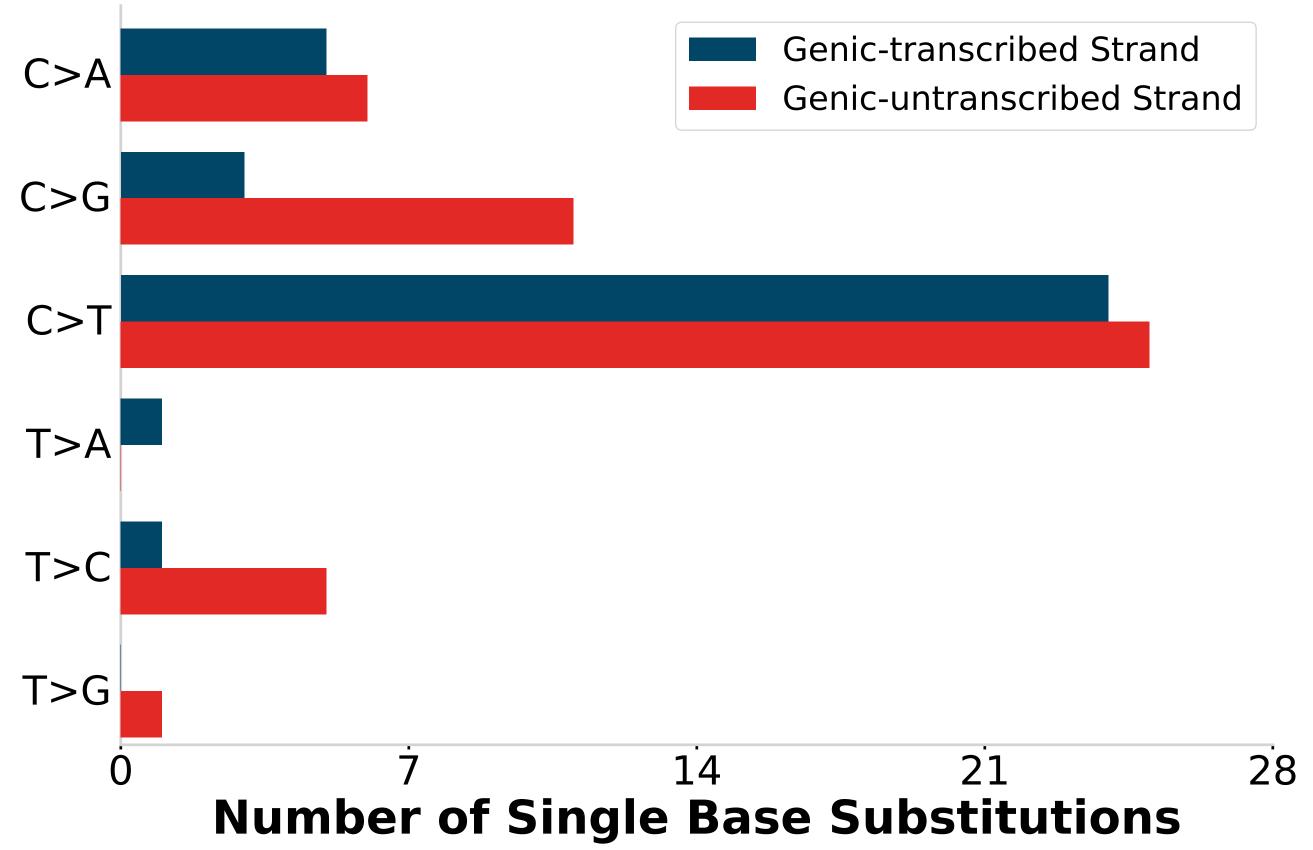
# TCGA-4Z-AA81-01A-11D-A391-08: 190 trai



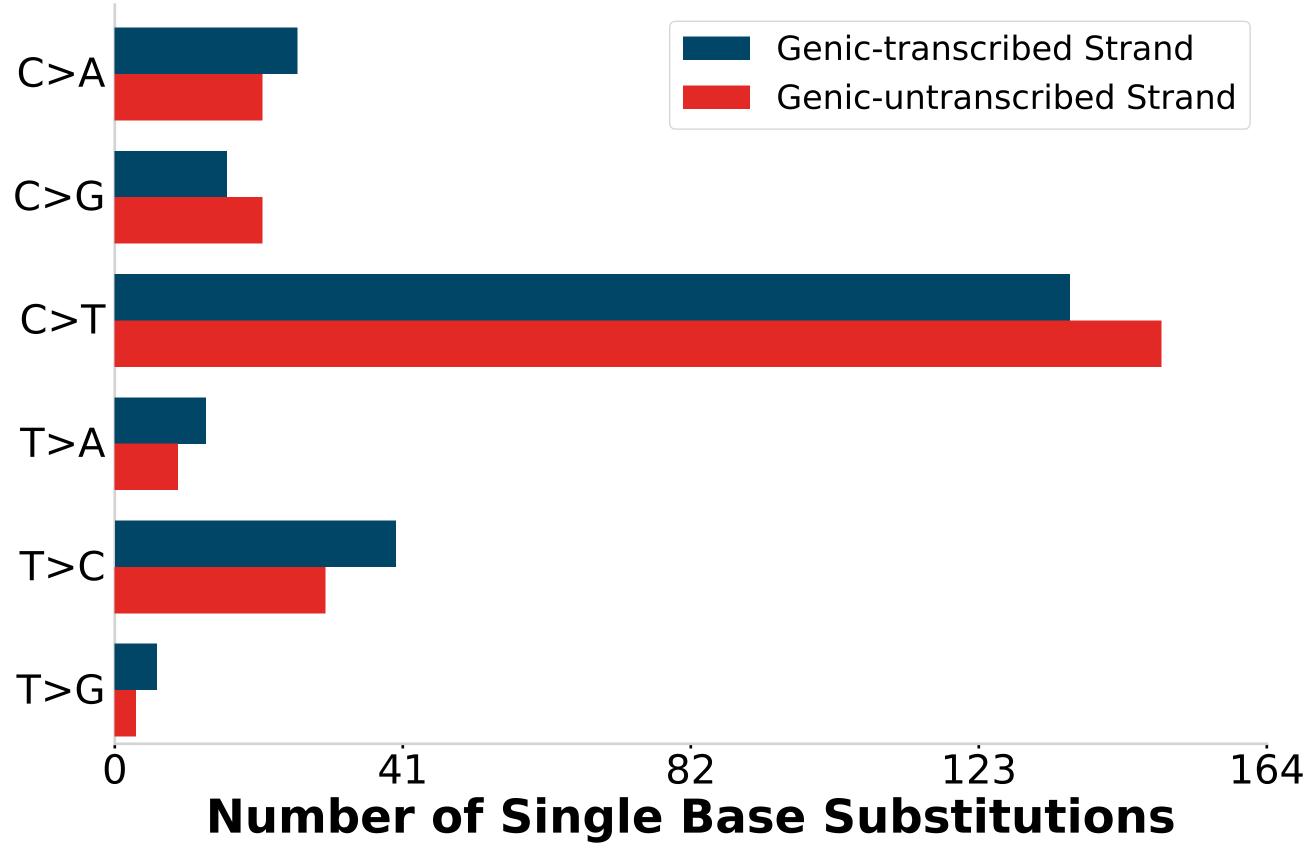
# TCGA-4Z-AA82-01A-11D-A391-08: 104 trai



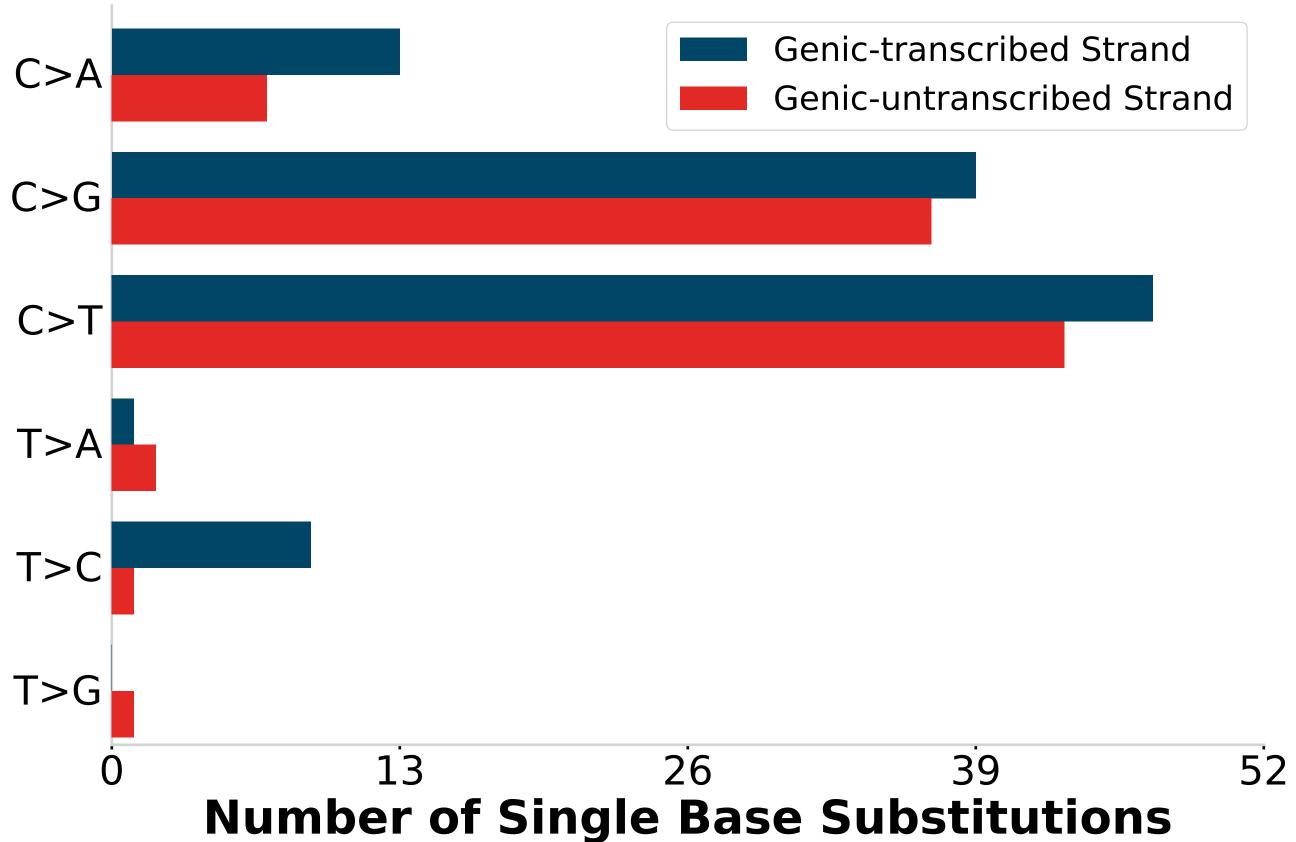
#### TCGA-4Z-AA83-01A-11D-A391-08: 82 trans



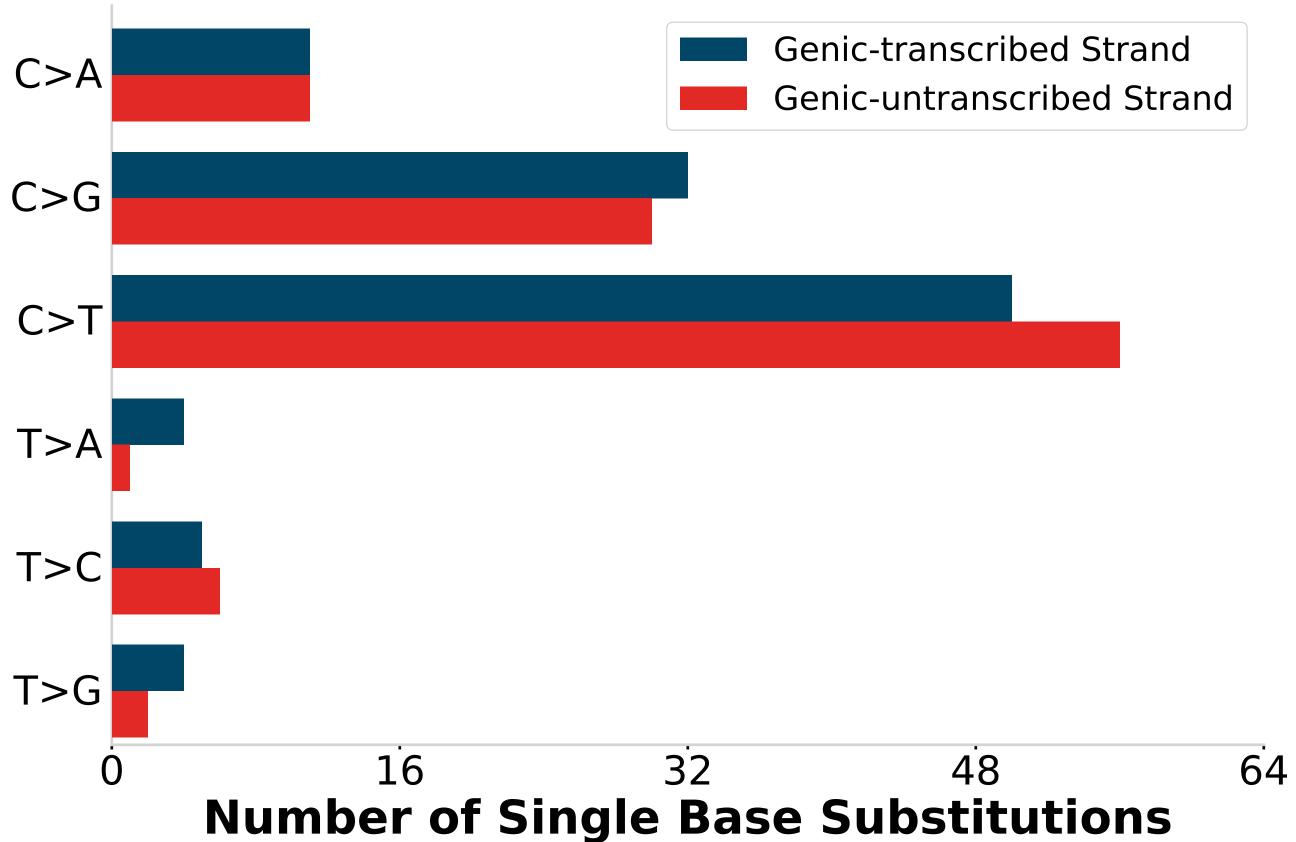
# TCGA-4Z-AA84-01A-11D-A391-08: 470 trai



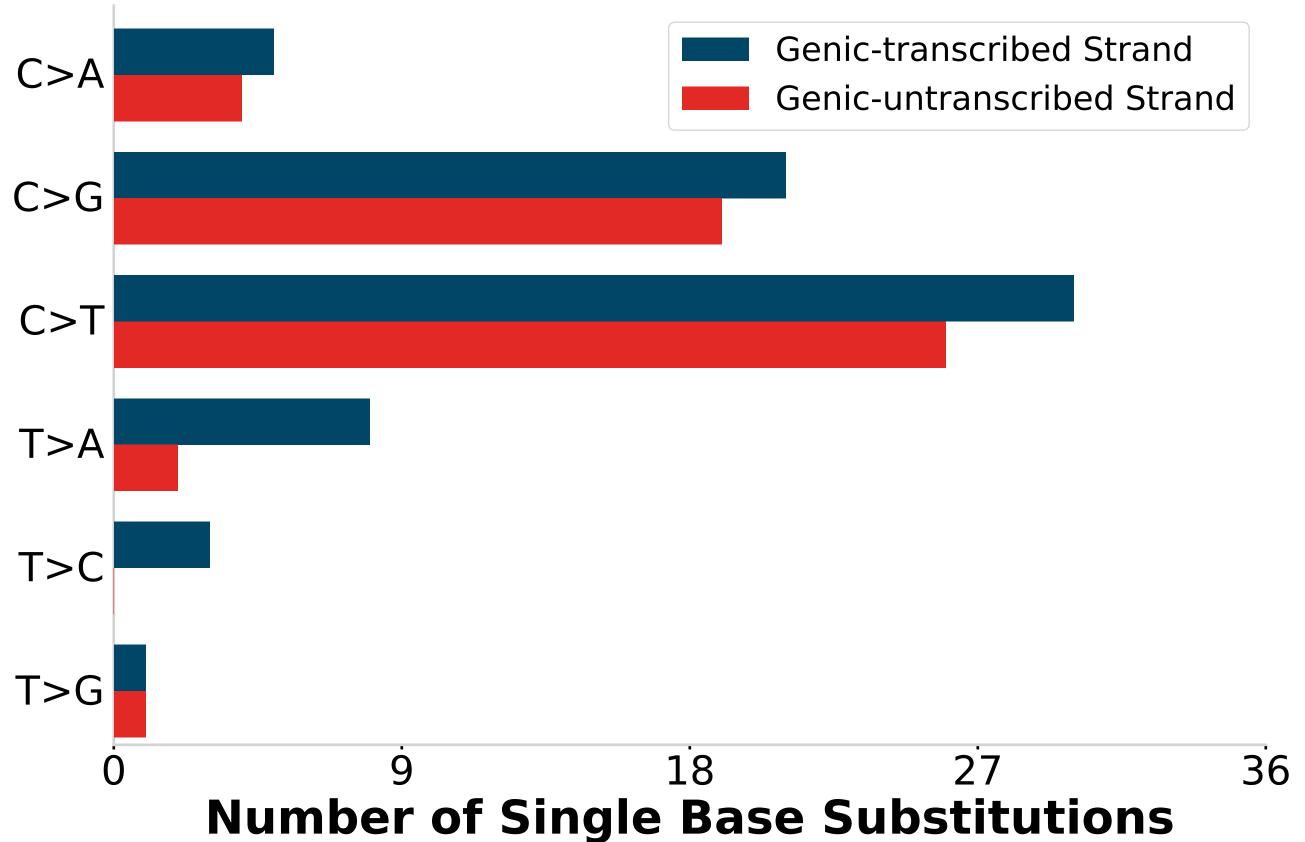
# TCGA-4Z-AA86-01A-11D-A391-08: 200 trai



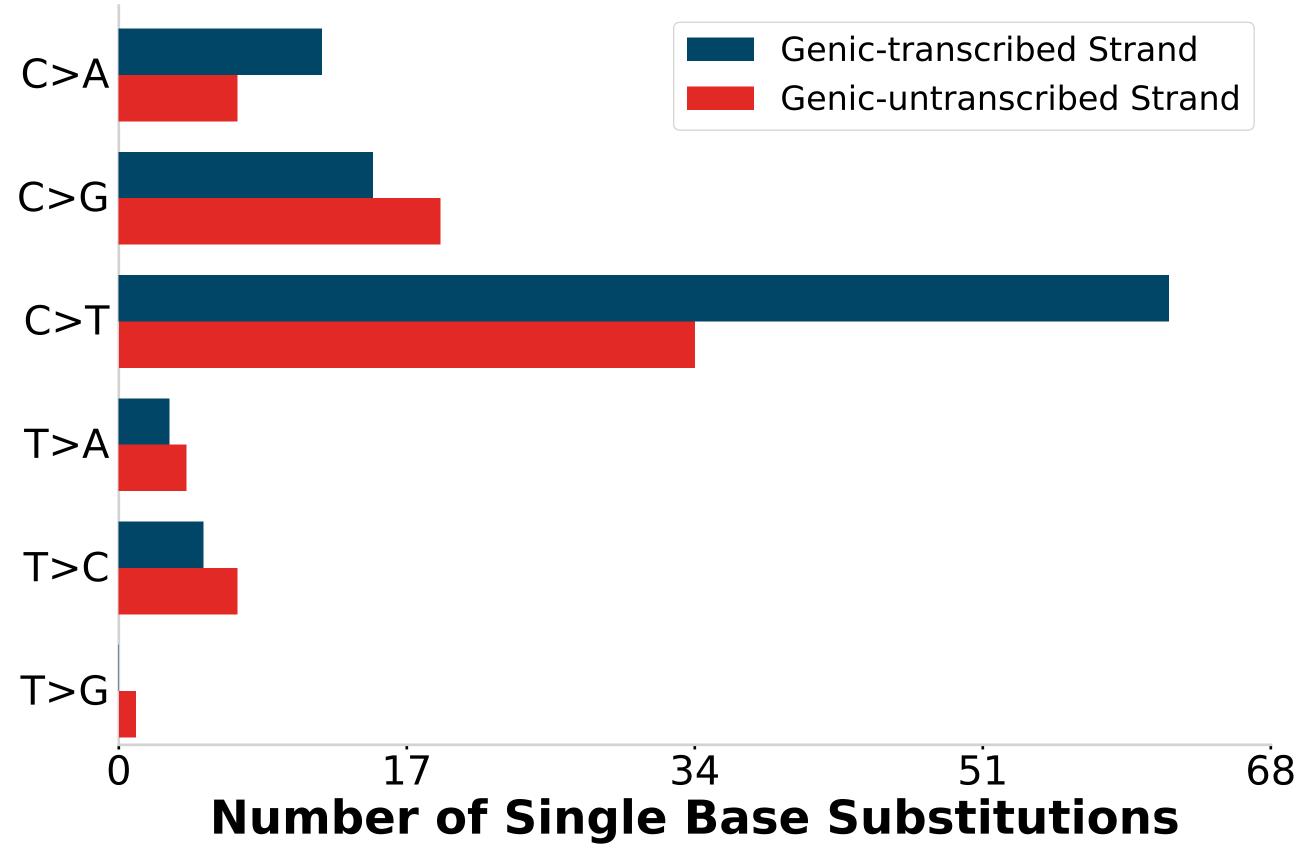
# TCGA-4Z-AA87-01A-11D-A391-08: 212 trai



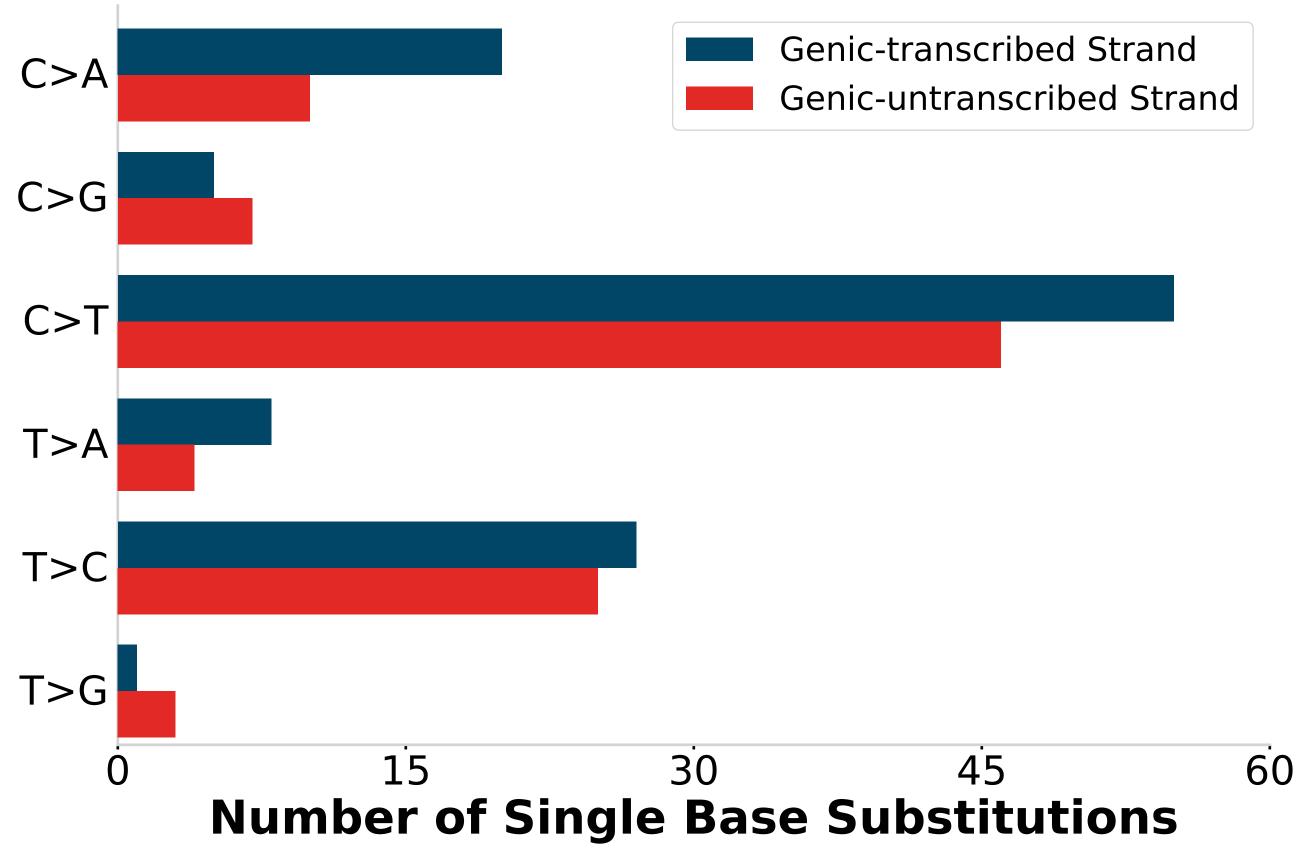
# TCGA-4Z-AA89-01A-11D-A391-08: 120 trai



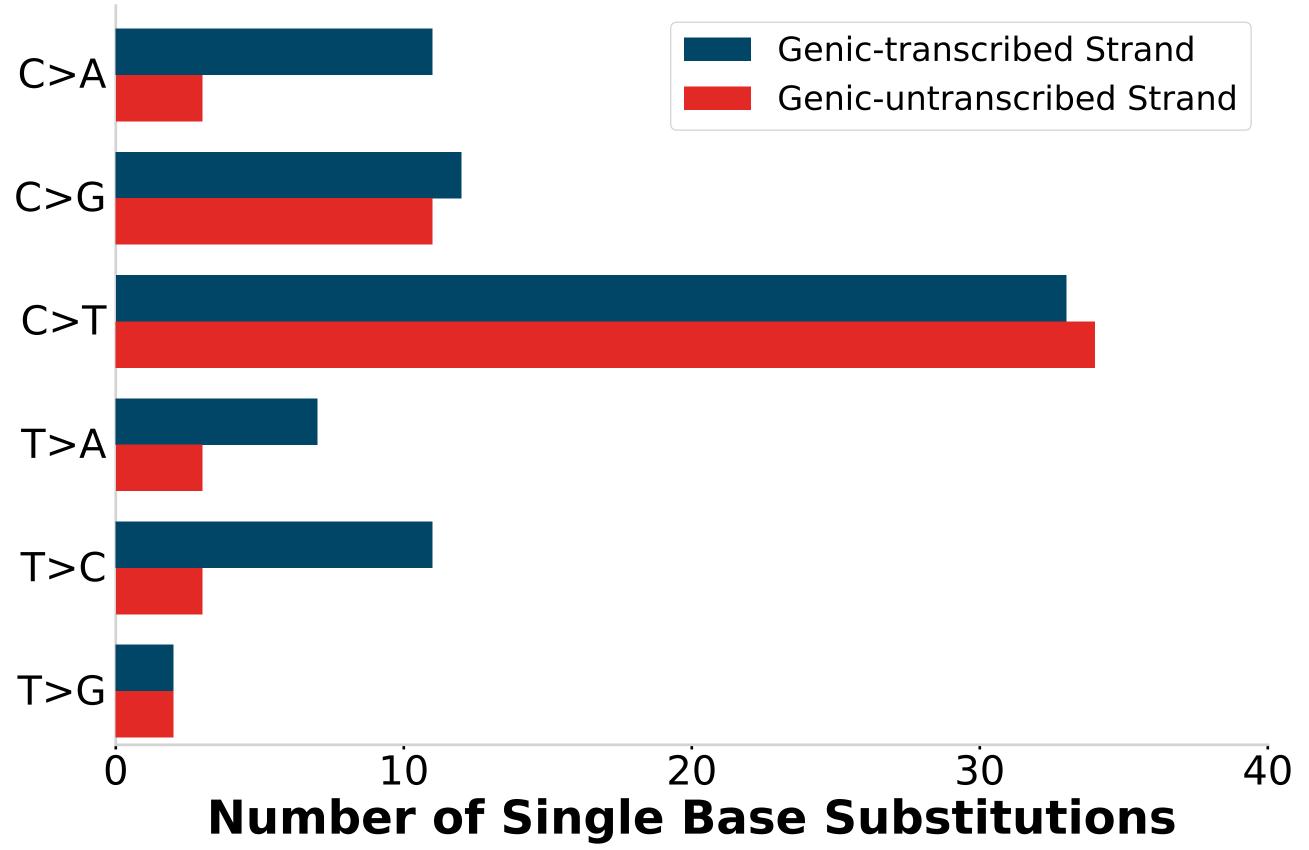
# TCGA-5N-A9KI-01A-31D-A42E-08: 169 tran



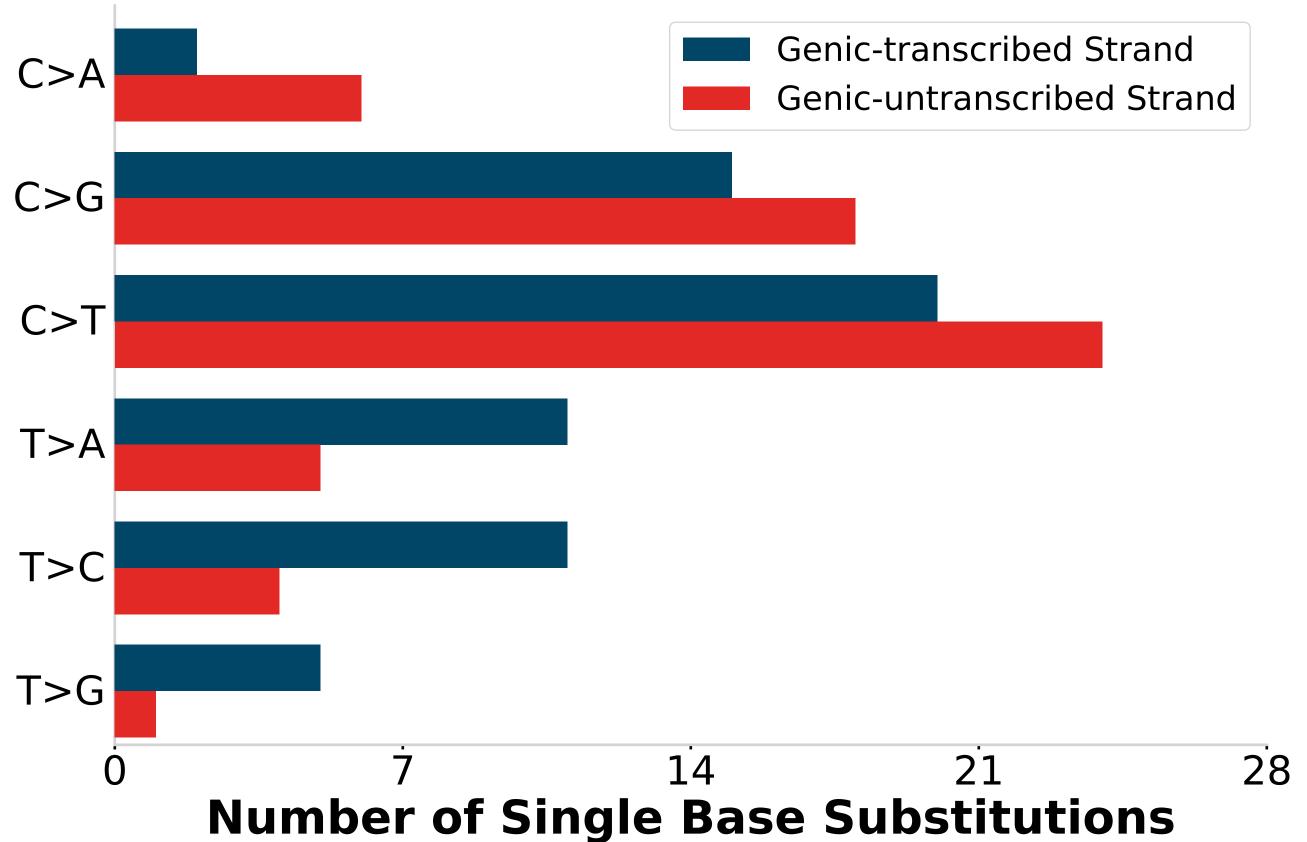
#### TCGA-5N-A9KM-01A-11D-A42E-08: 211 tra



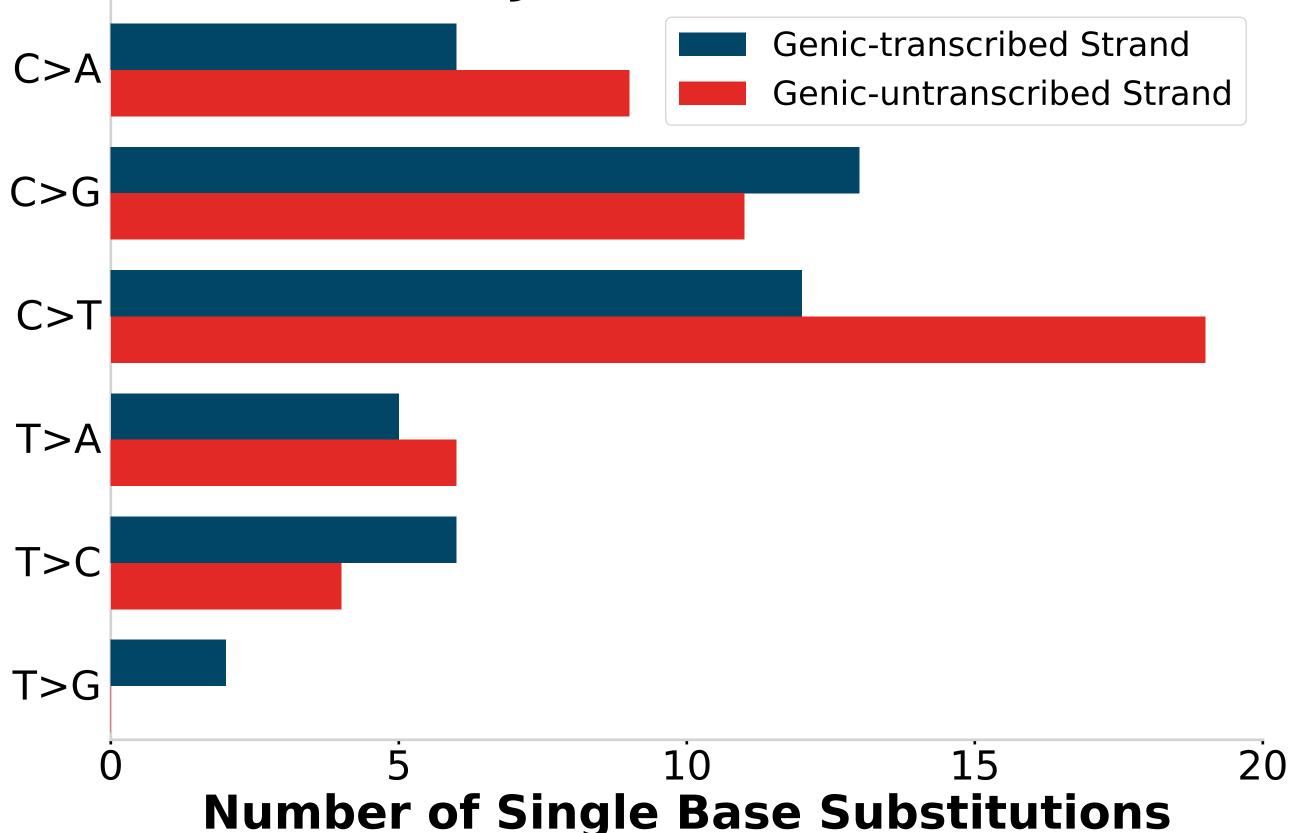
# TCGA-BL-A0C8-01A-11D-A271-08: 132 trar



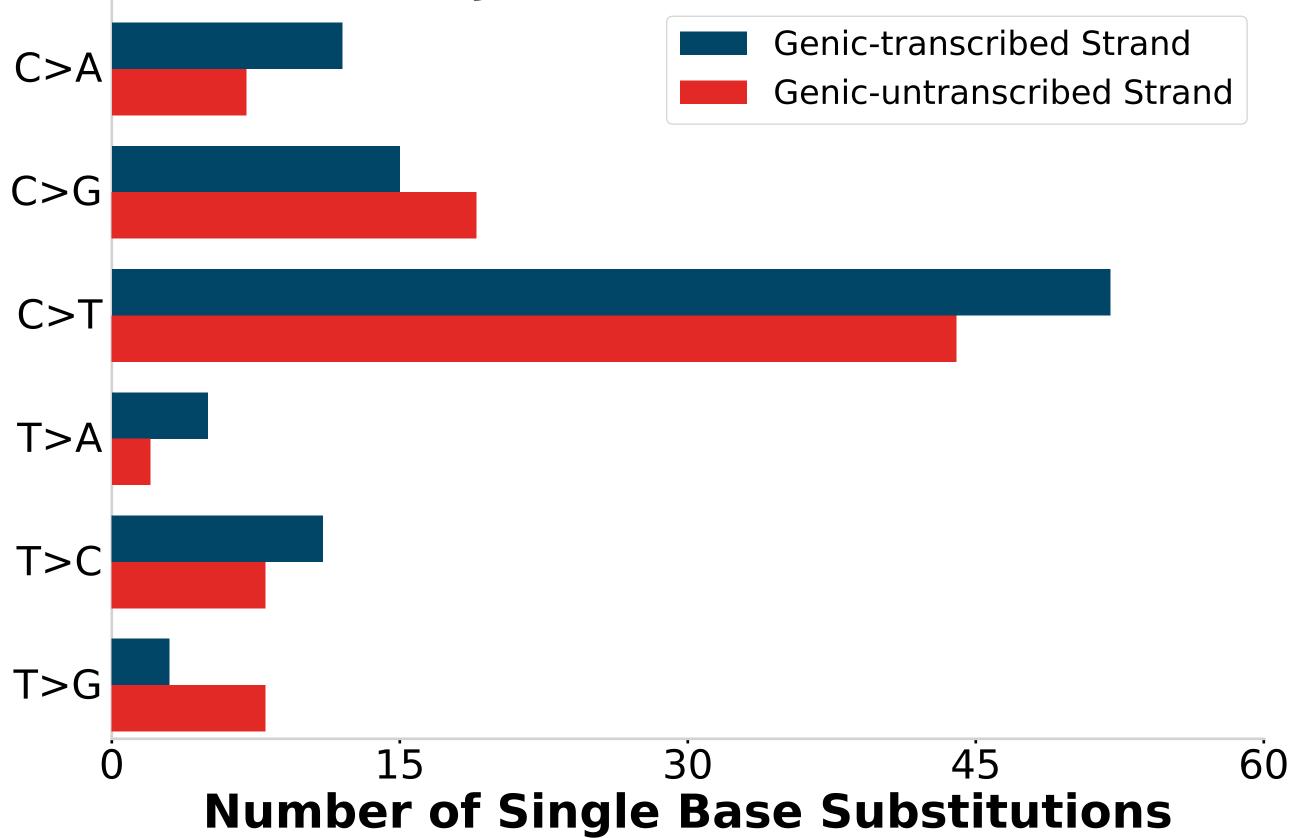
# TCGA-BL-A13I-01A-11D-A271-08: 122 tran



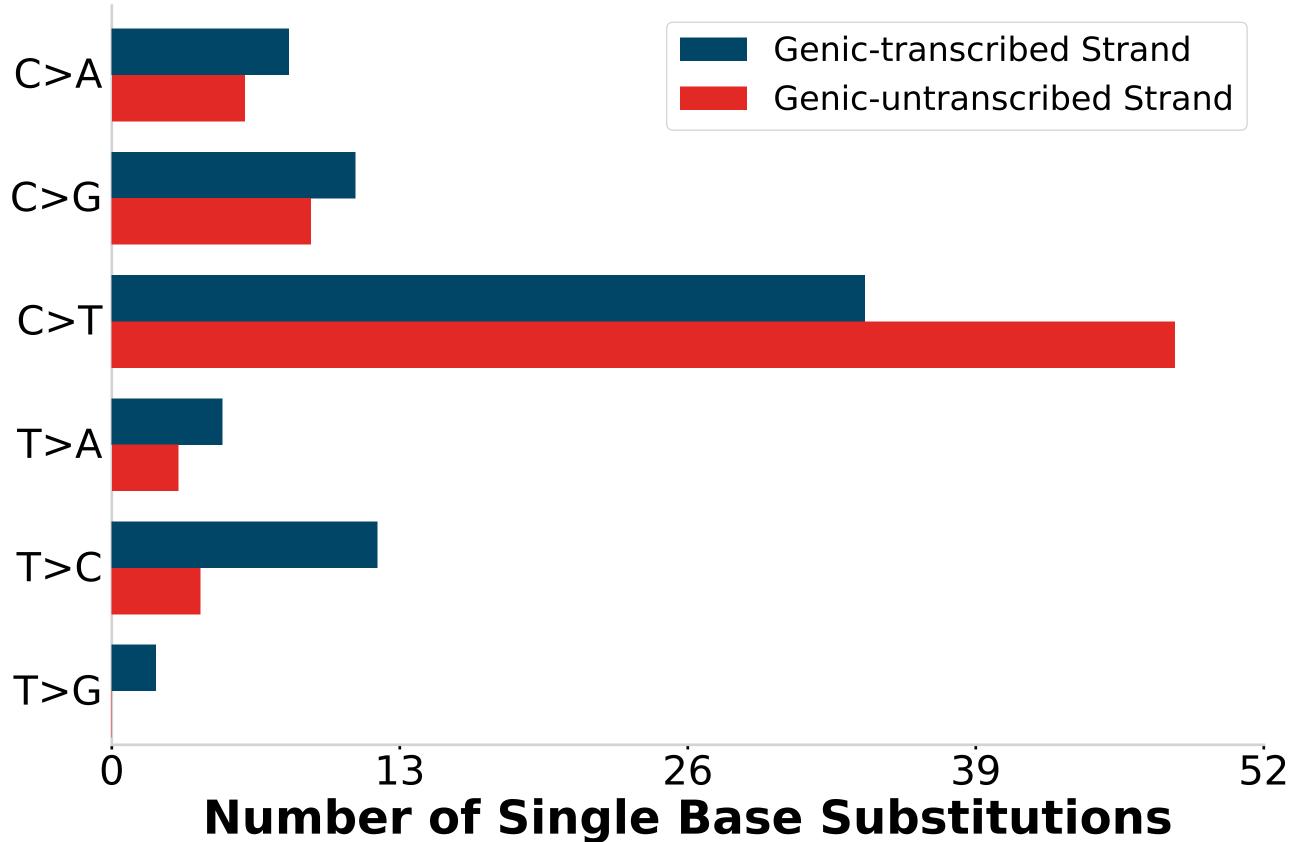
# TCGA-BL-A13J-01A-11D-A271-08: 93 trans



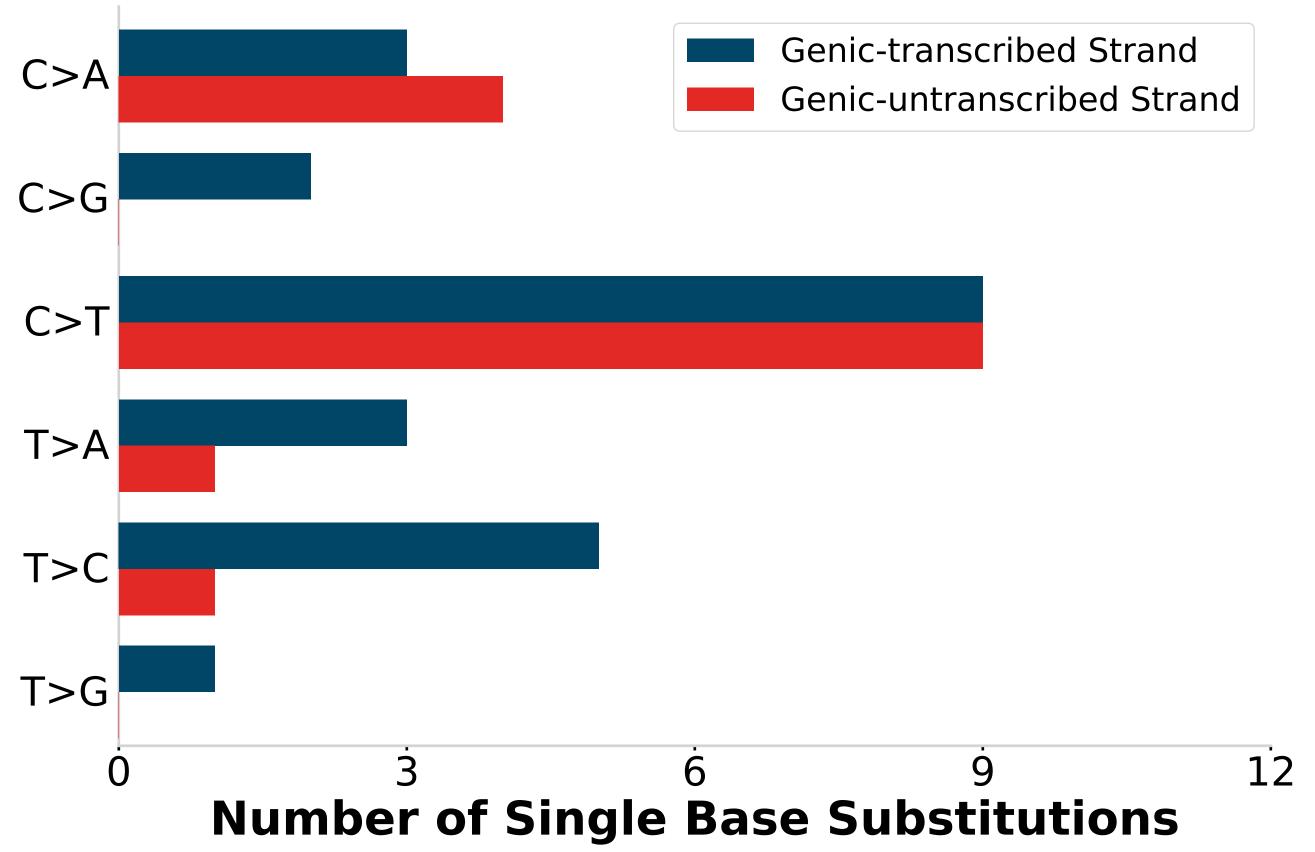
# TCGA-BL-A3JM-01A-12D-A21A-08: 186 train



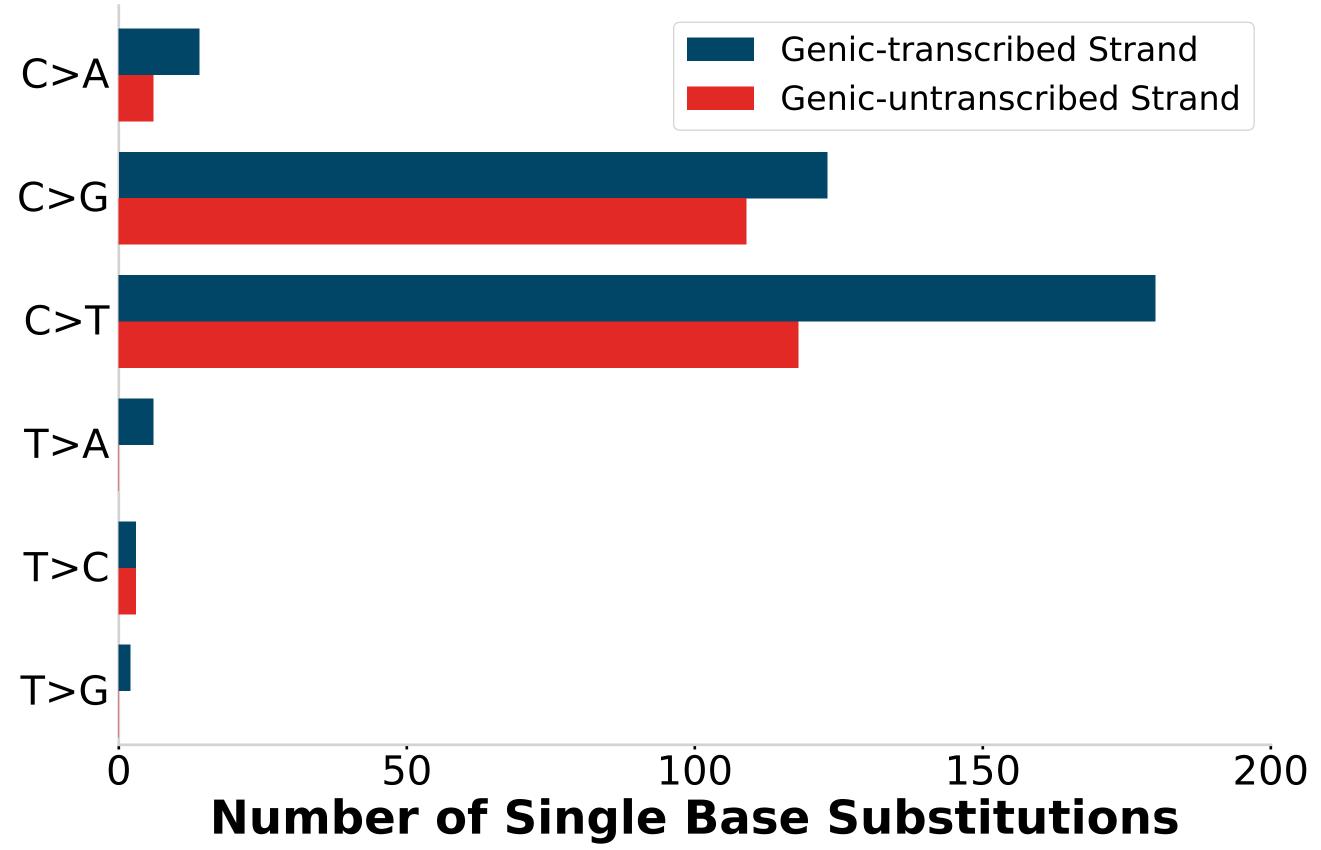
# TCGA-BL-A5ZZ-01A-31D-A30E-08: 142 trar



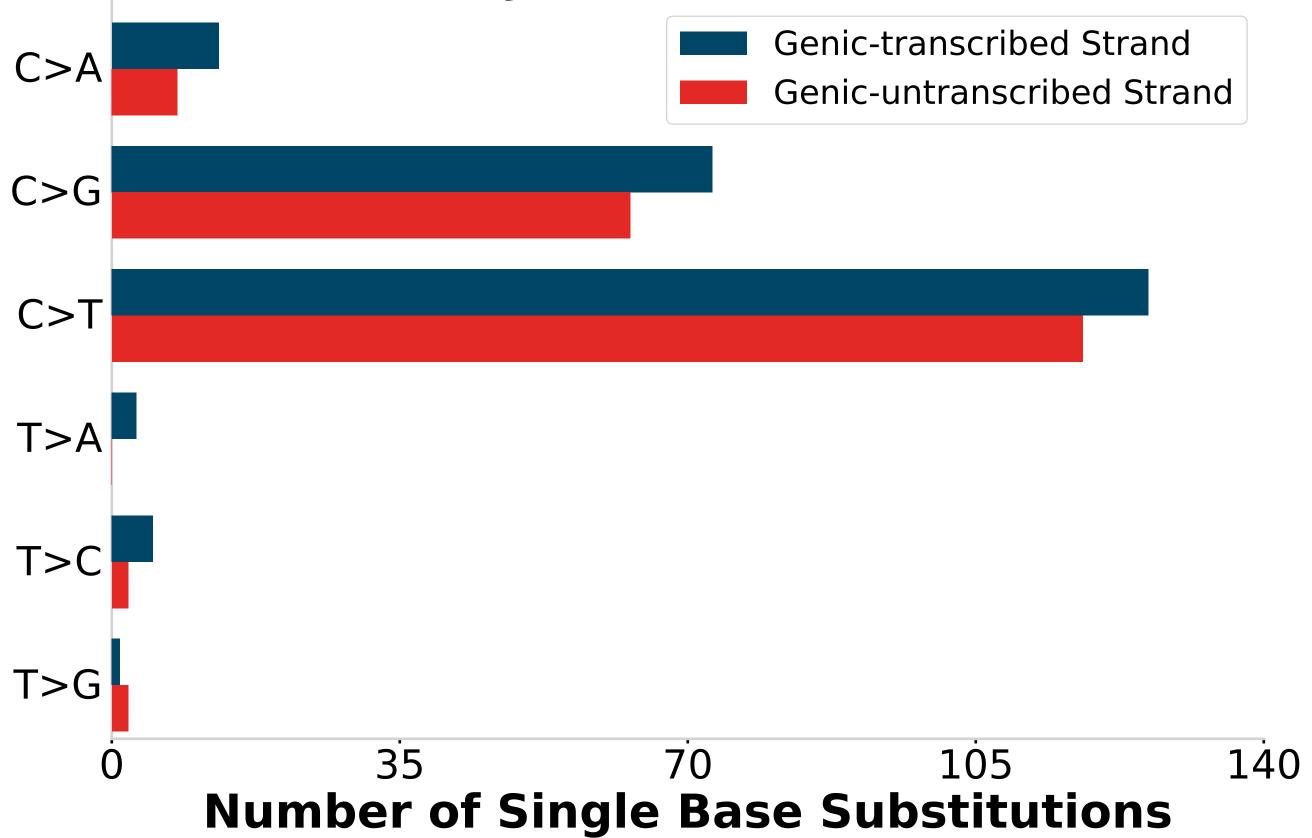
#### TCGA-BT-A0S7-01A-11D-A10S-08: 38 trans



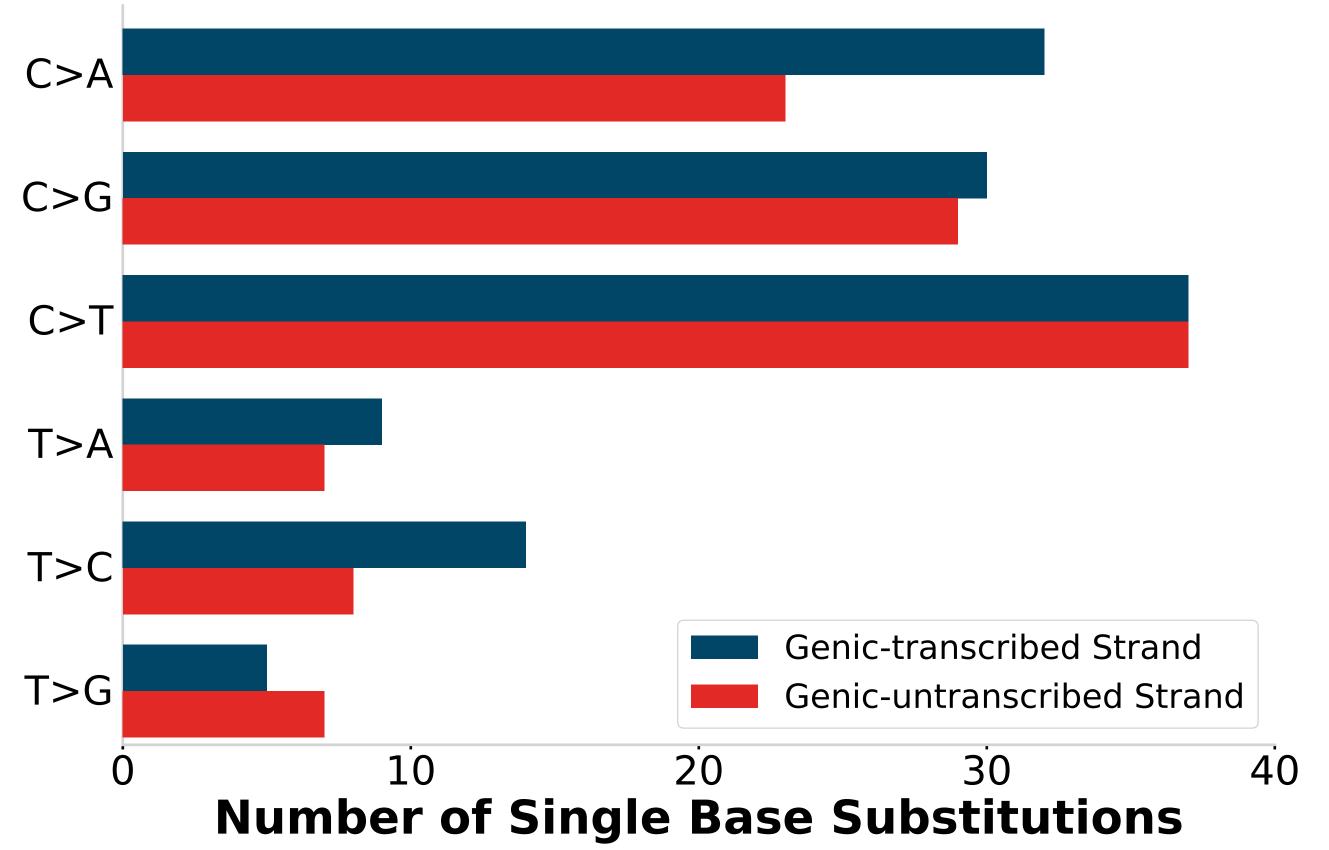
#### TCGA-BT-A0YX-01A-11D-A10S-08: 564 trar



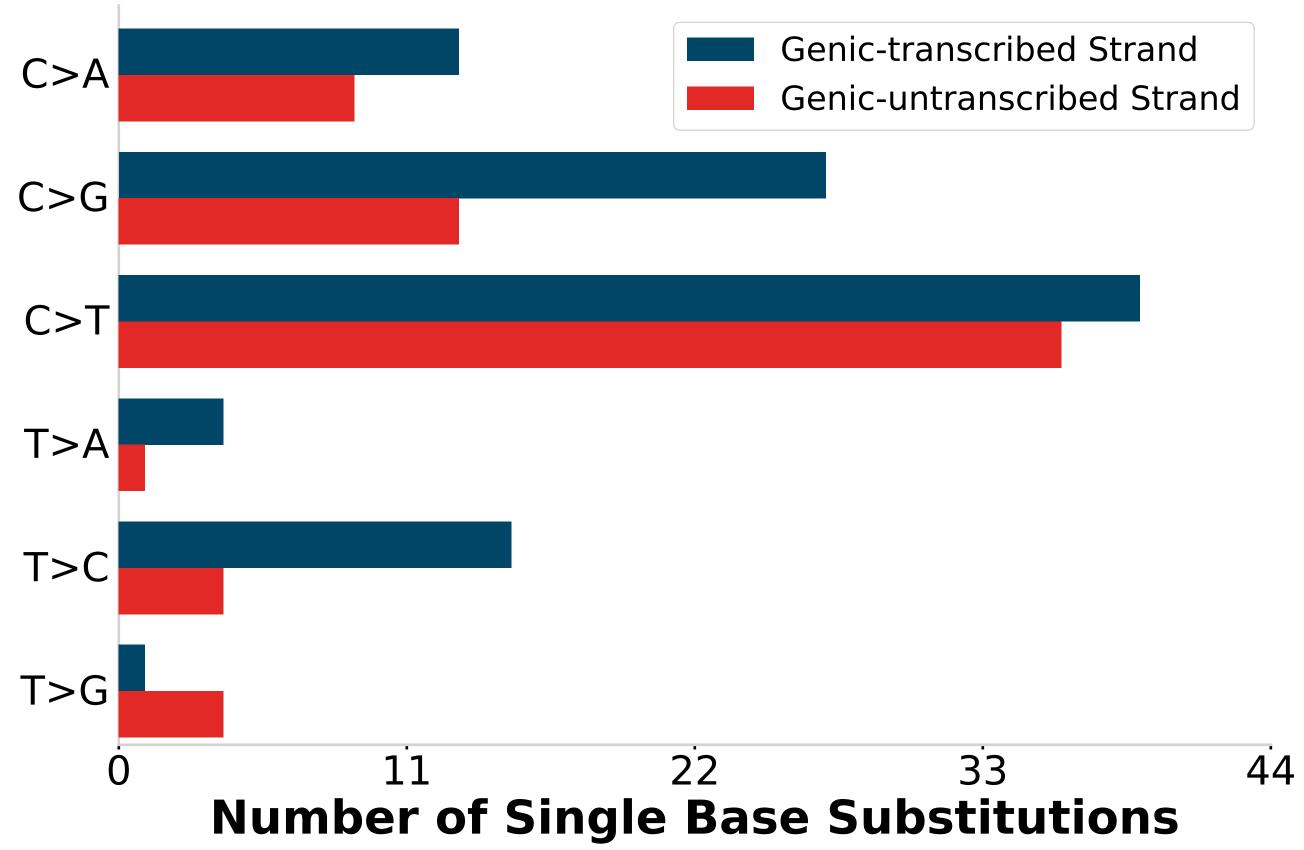
# TCGA-BT-A20J-01A-11D-A14W-08: 414 trar



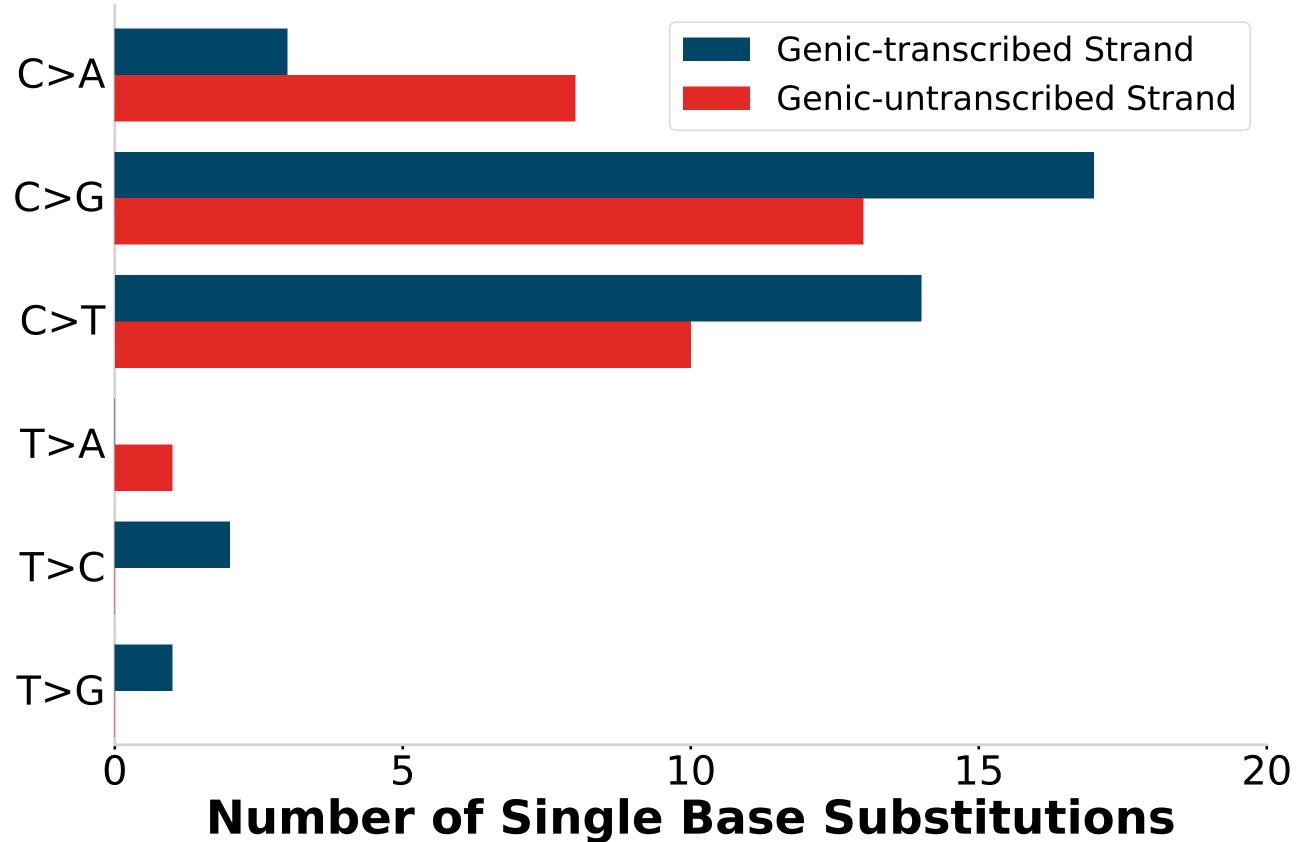
#### TCGA-BT-A20N-01A-11D-A14W-08: 238 tra



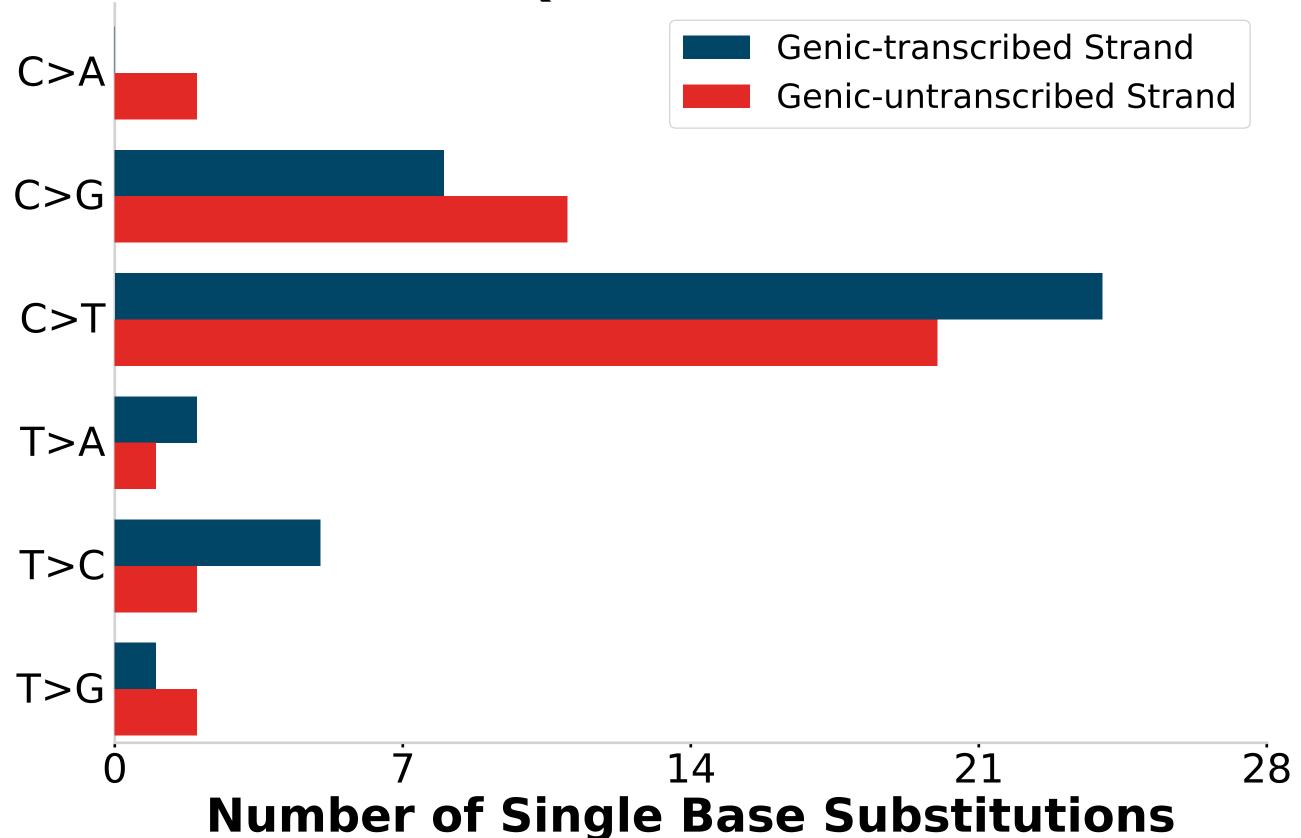
#### TCGA-BT-A200-01A-21D-A14W-08: 166 tra



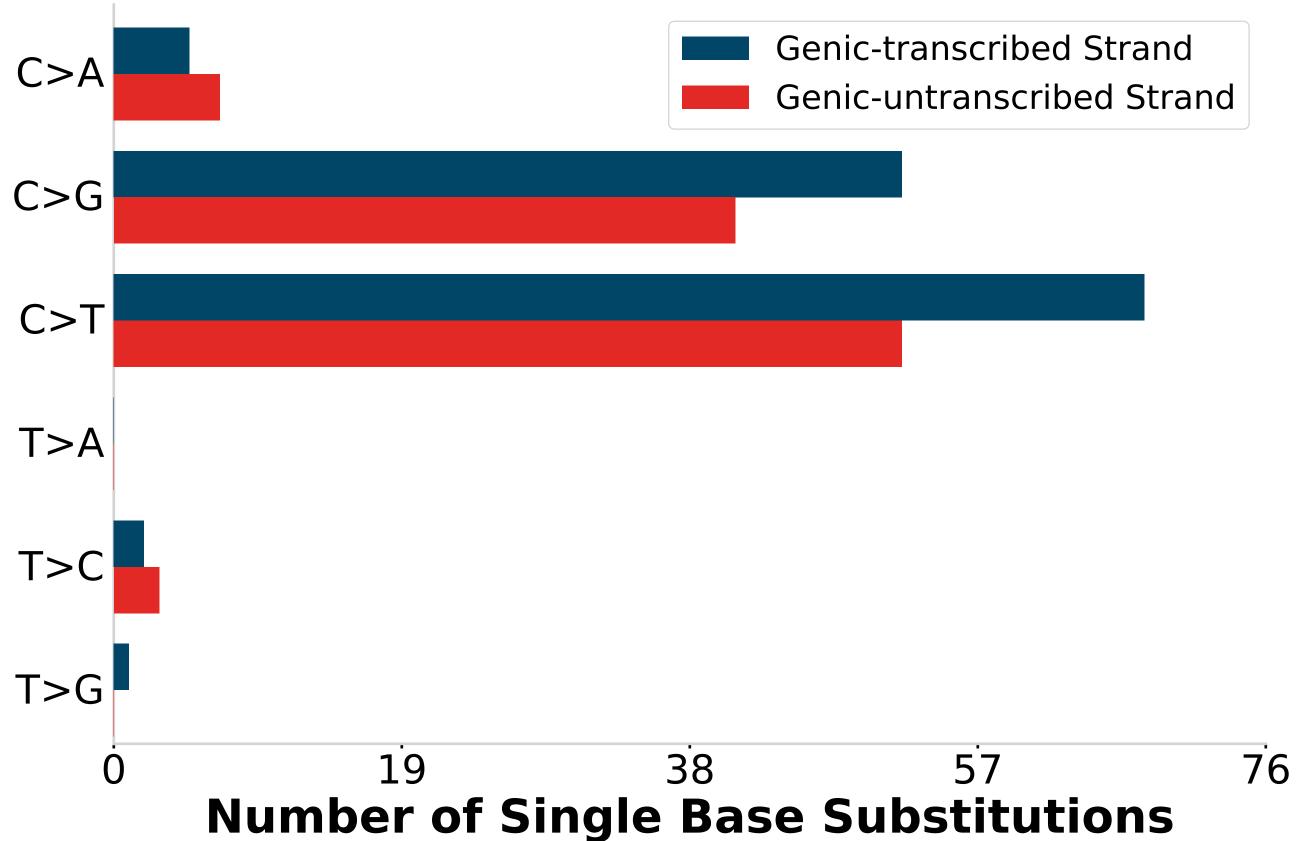
# TCGA-BT-A20P-01A-11D-A14W-08: 69 tran



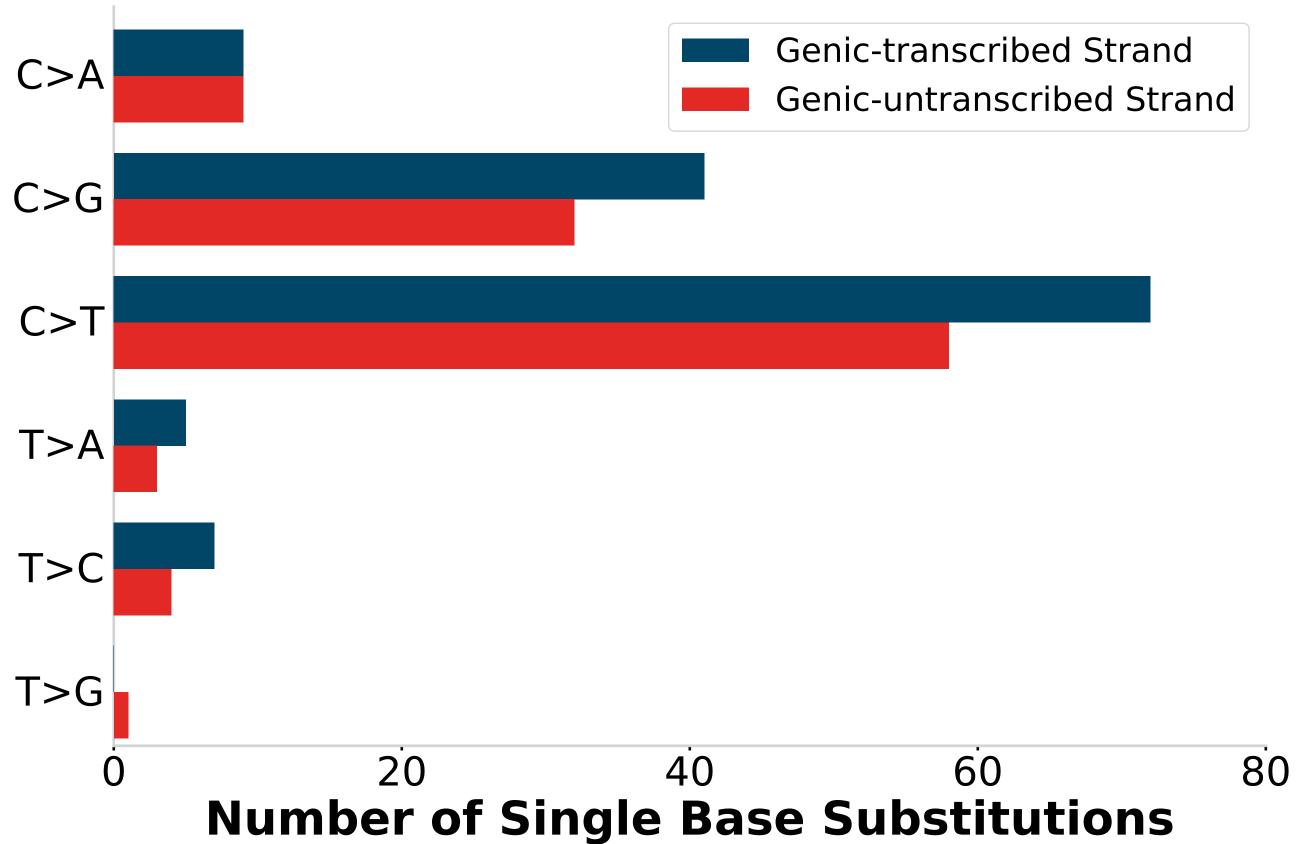
# TCGA-BT-A20Q-01A-11D-A14W-08: 78 tran



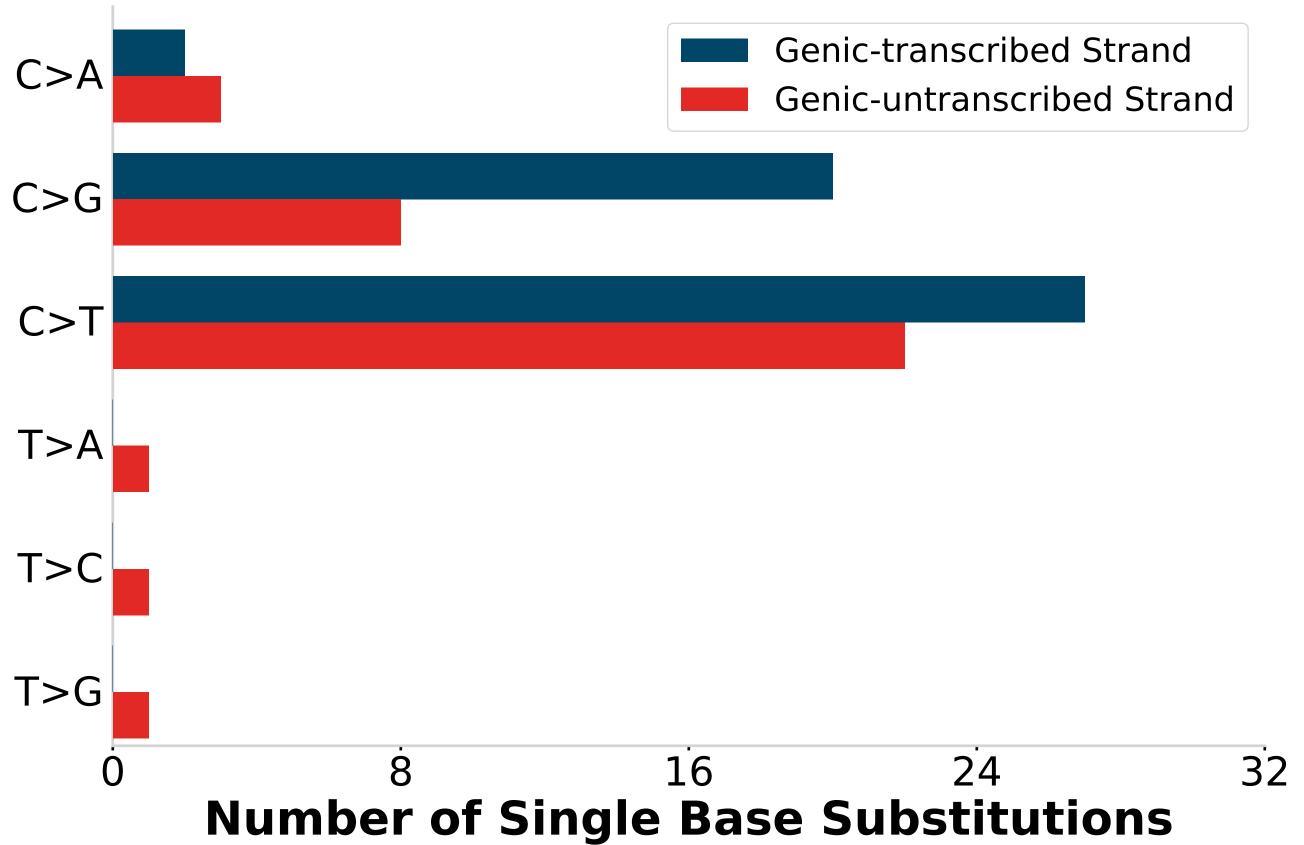
# TCGA-BT-A20R-01A-12D-A16O-08: 231 trai



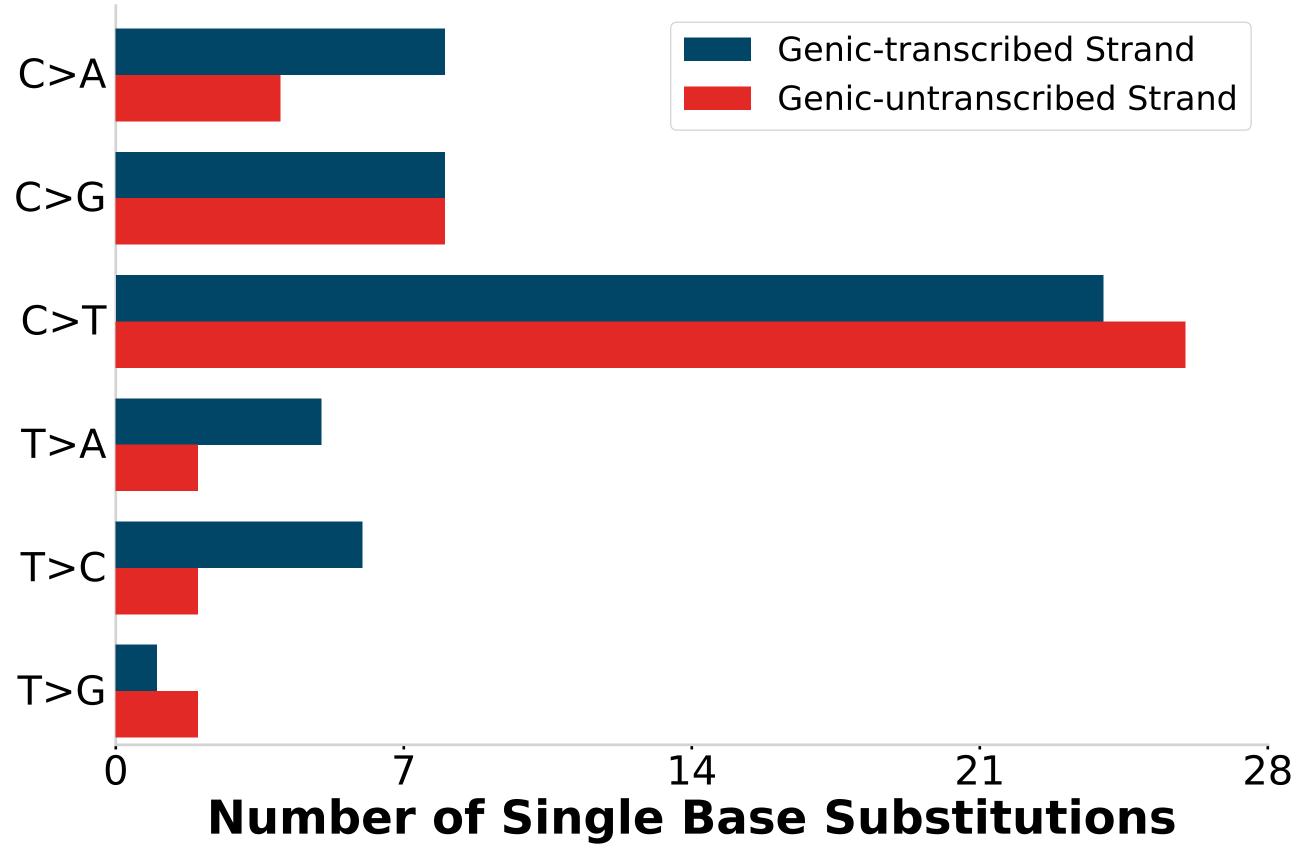
# TCGA-BT-A20T-01A-11D-A14W-08: 241 trai



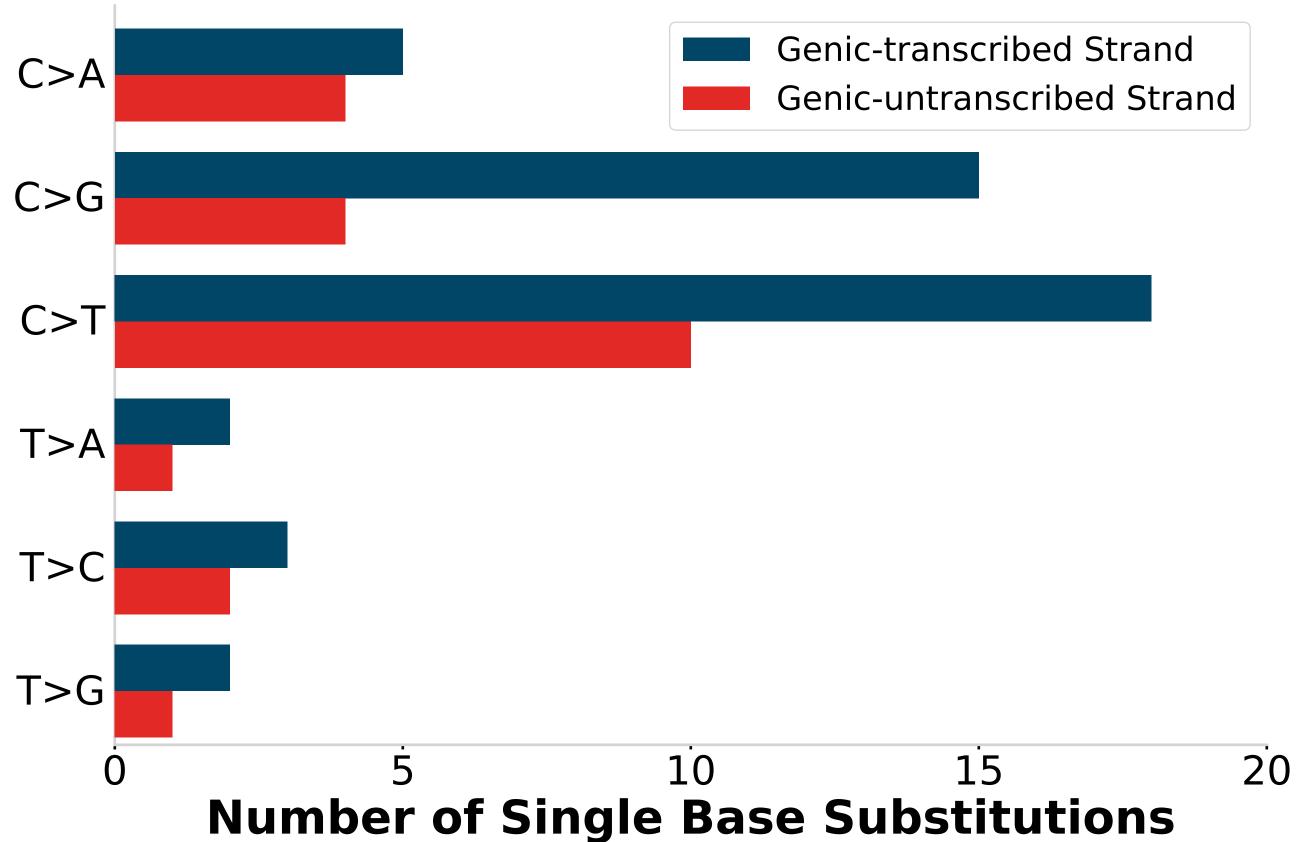
#### TCGA-BT-A20U-01A-11D-A14W-08: 85 tran



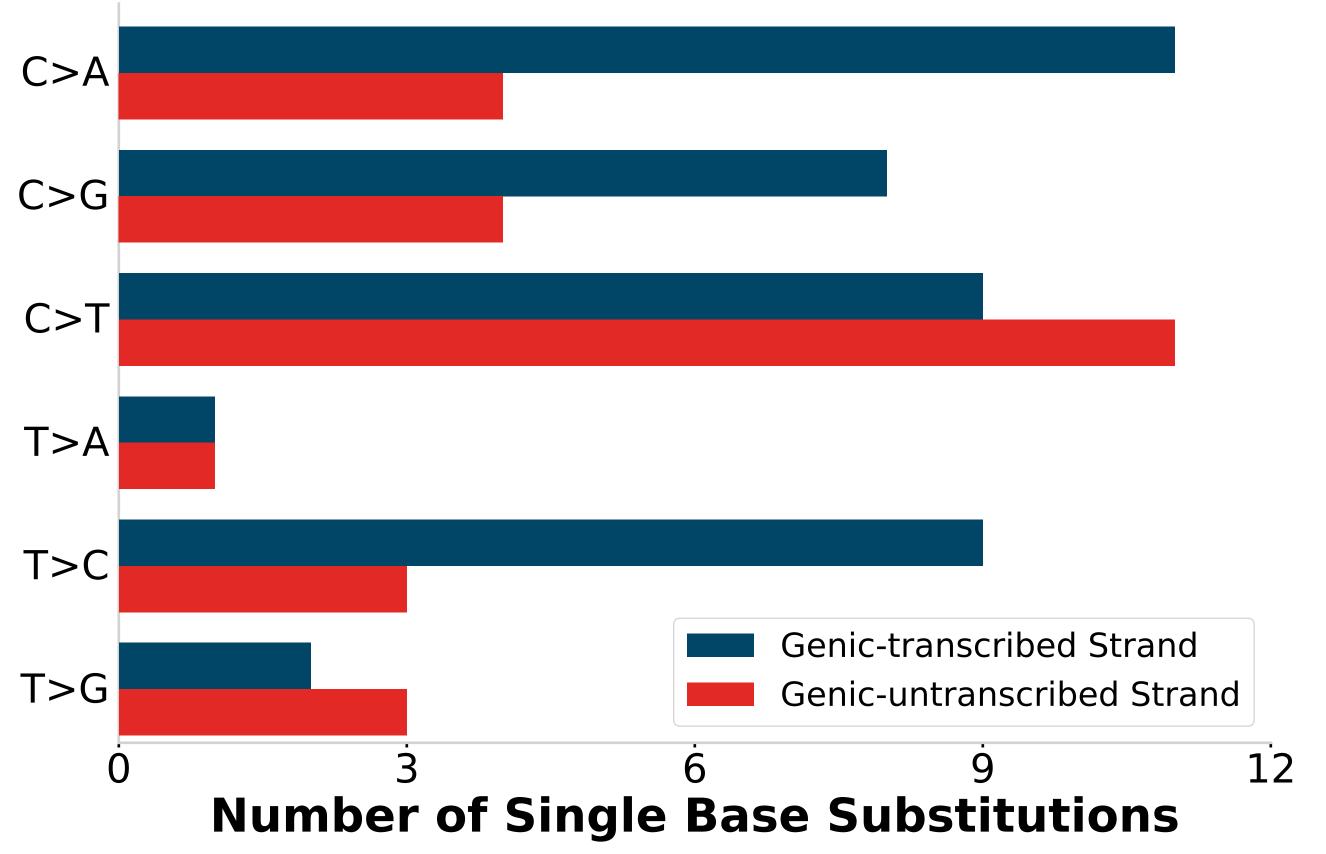
# TCGA-BT-A20V-01A-11D-A14W-08: 96 tran



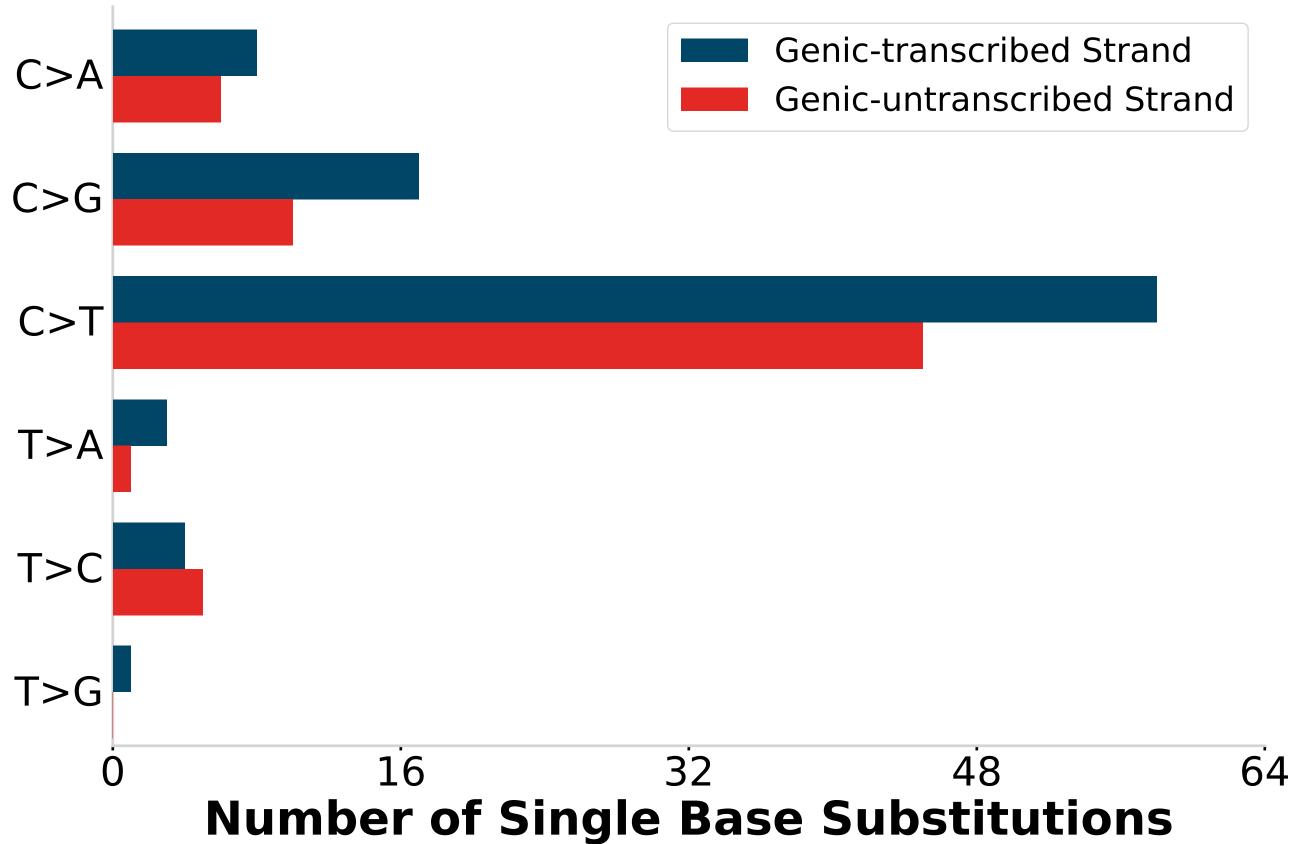
# TCGA-BT-A20W-01A-21D-A14W-08: 67 tran



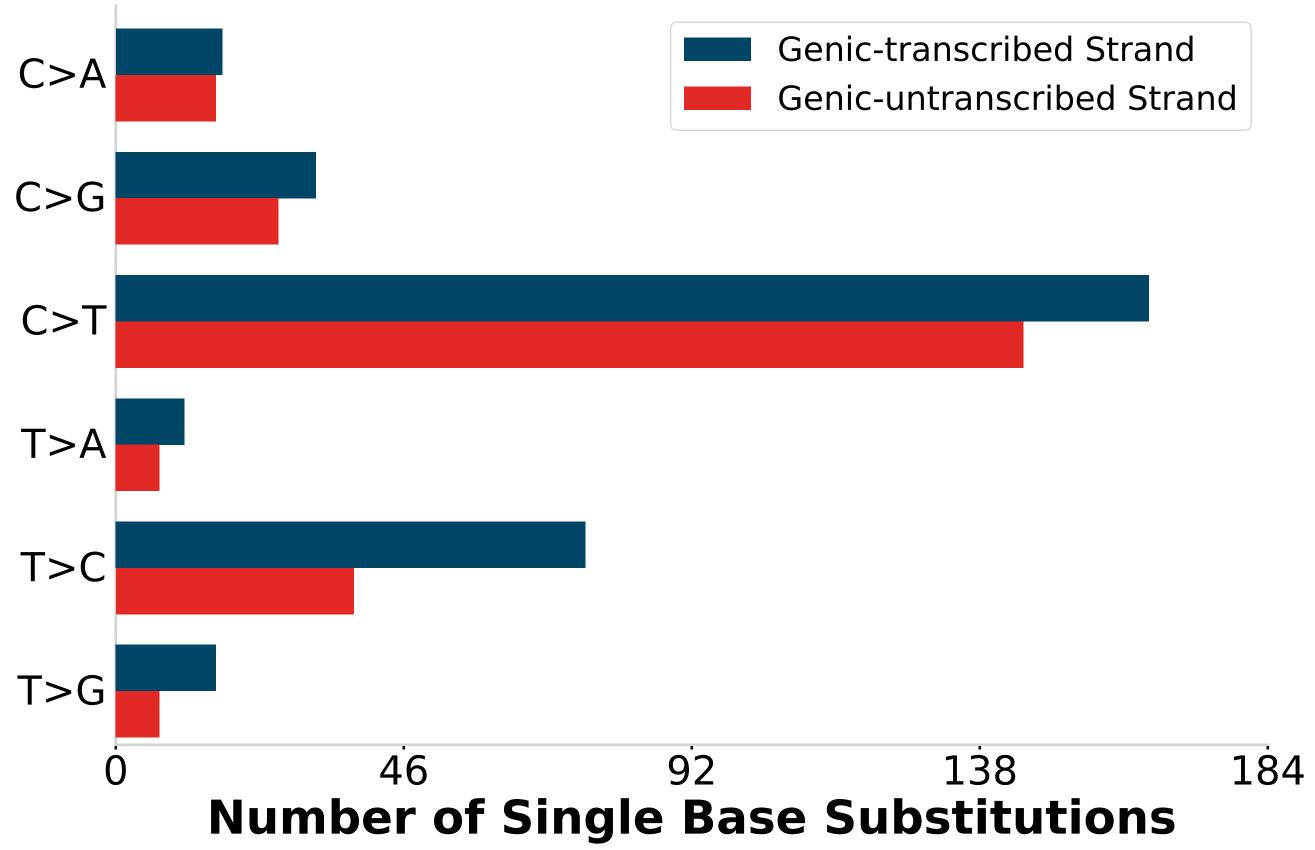
#### TCGA-BT-A20X-01A-11D-A16O-08: 66 trans



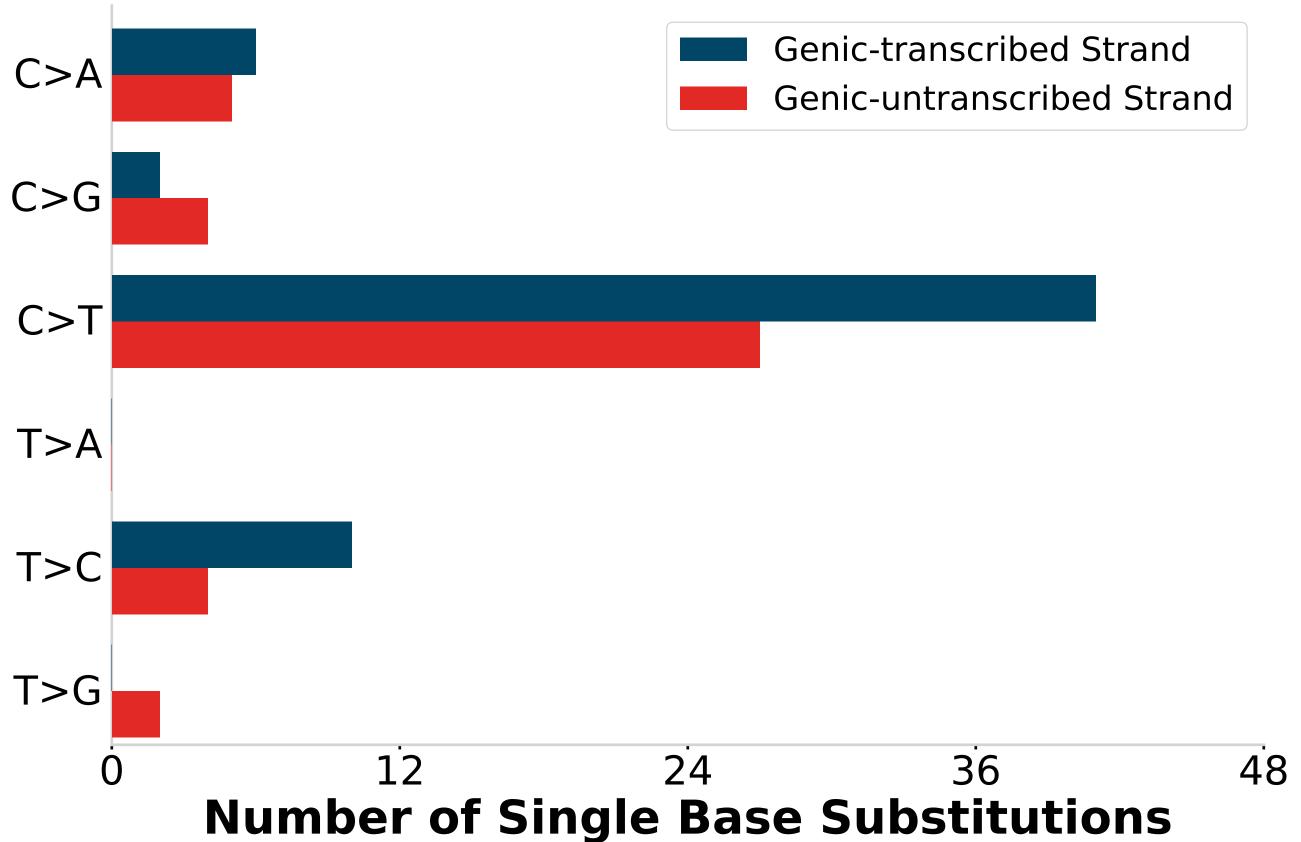
# TCGA-BT-A2LA-01A-11D-A18F-08: 158 tran



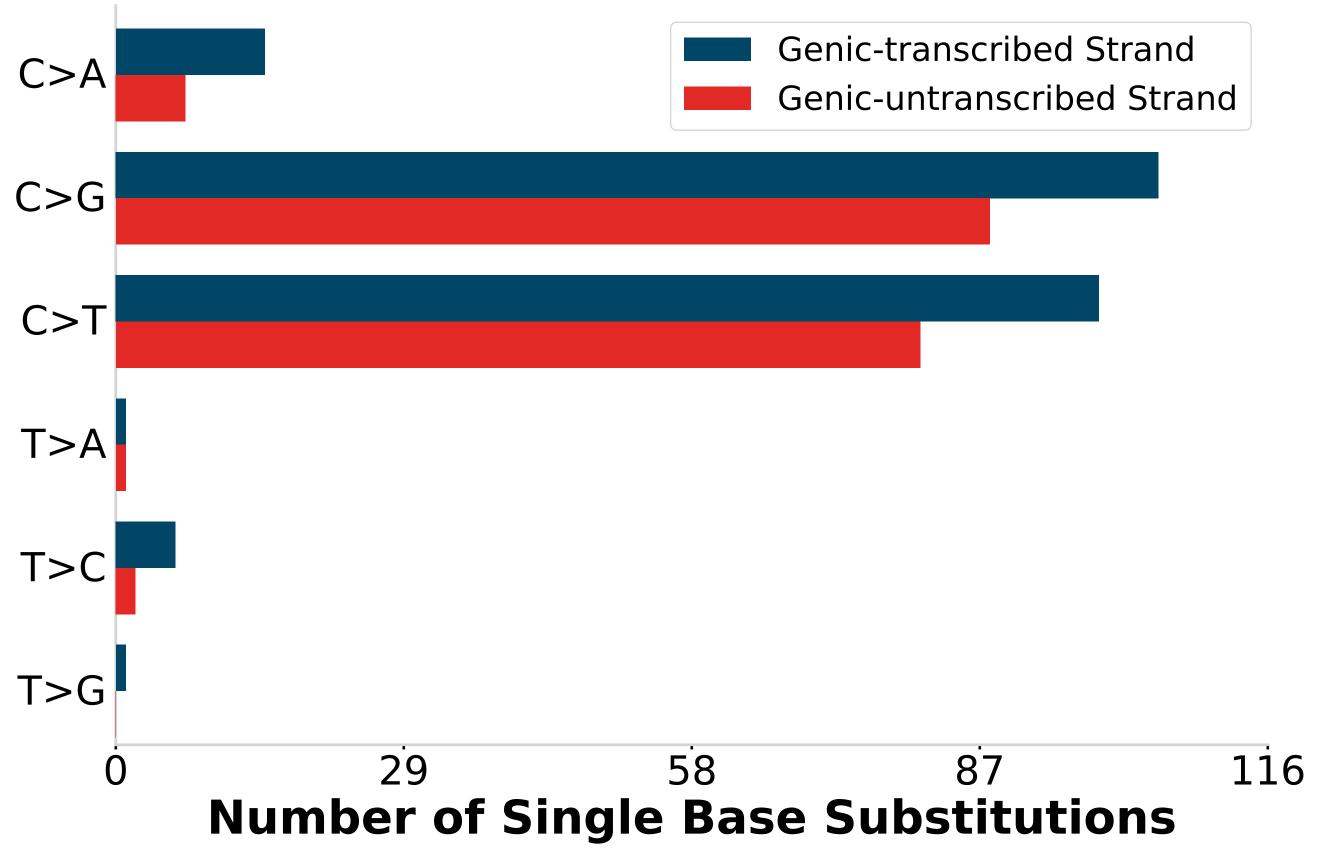
#### TCGA-BT-A2LB-01A-11D-A18F-08: 555 tran



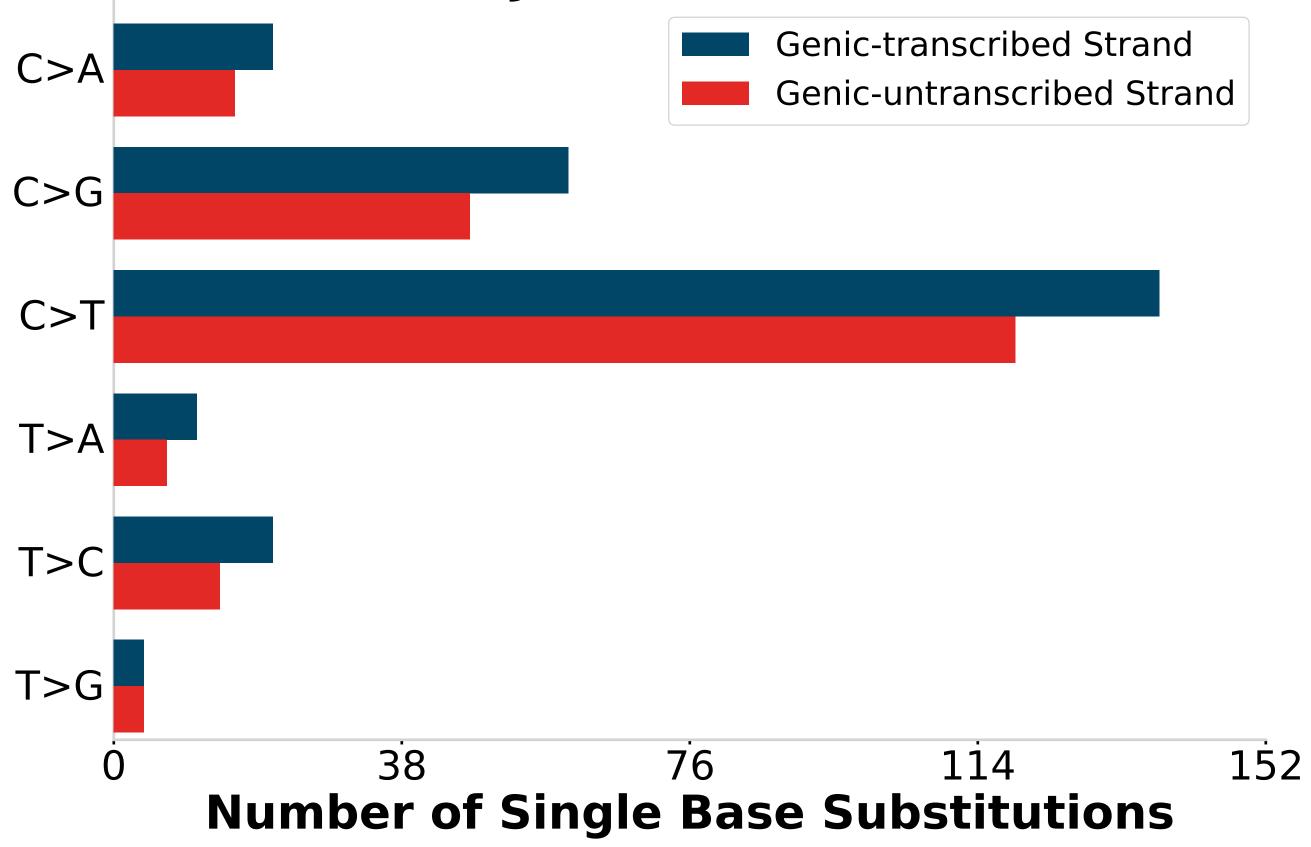
# TCGA-BT-A2LD-01A-12D-A20D-08: 101 trai



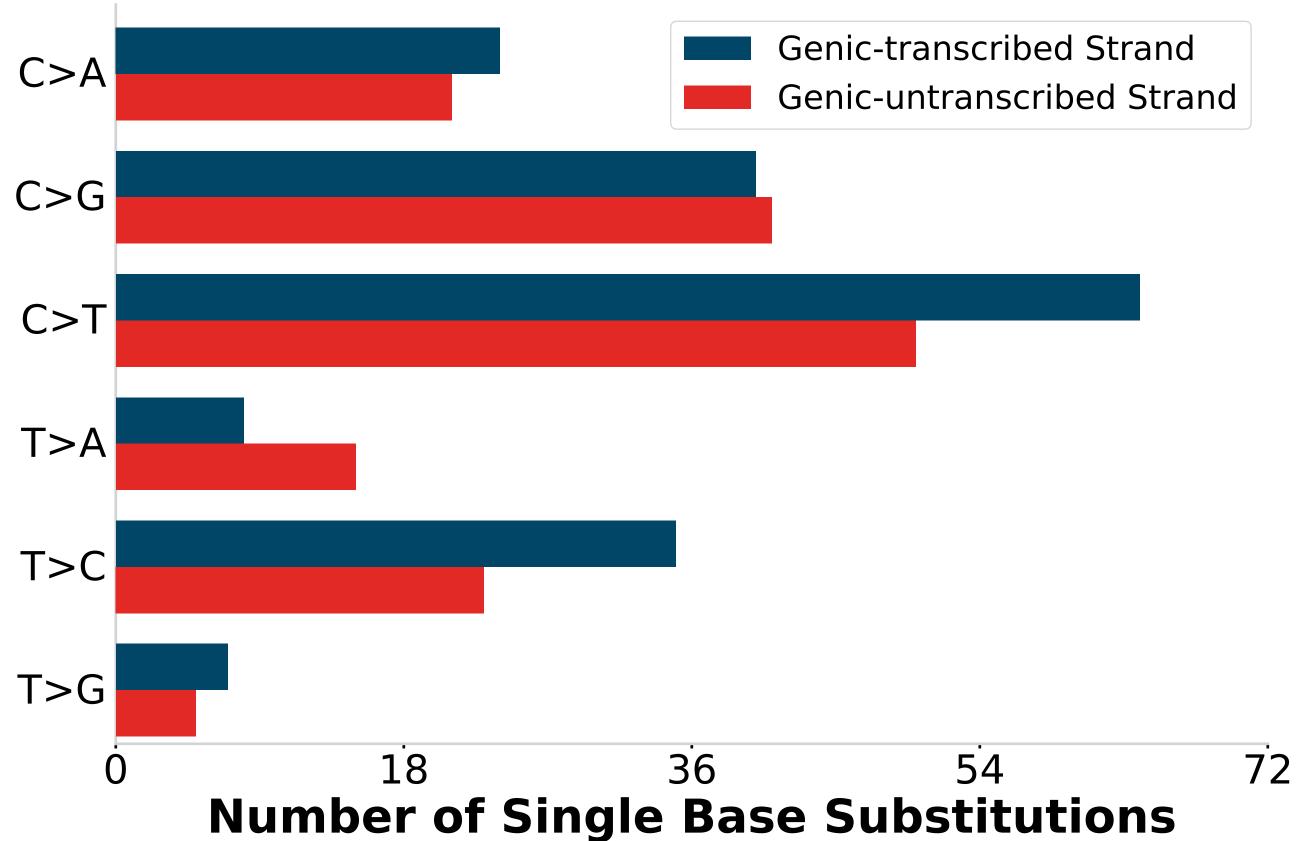
# TCGA-BT-A3PH-01A-11D-A21Z-08: 406 trai



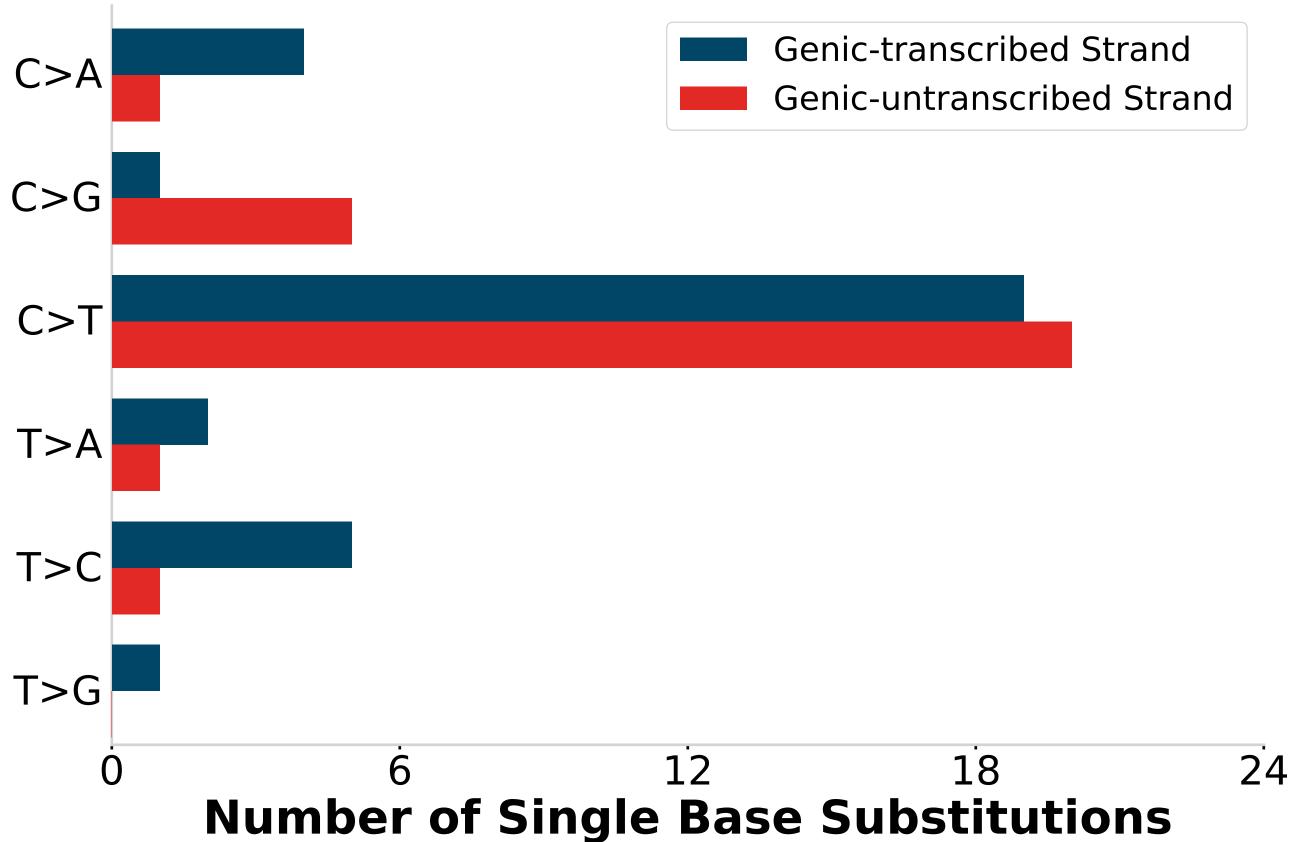
# TCGA-BT-A3PJ-01A-21D-A21Z-08: 462 tran



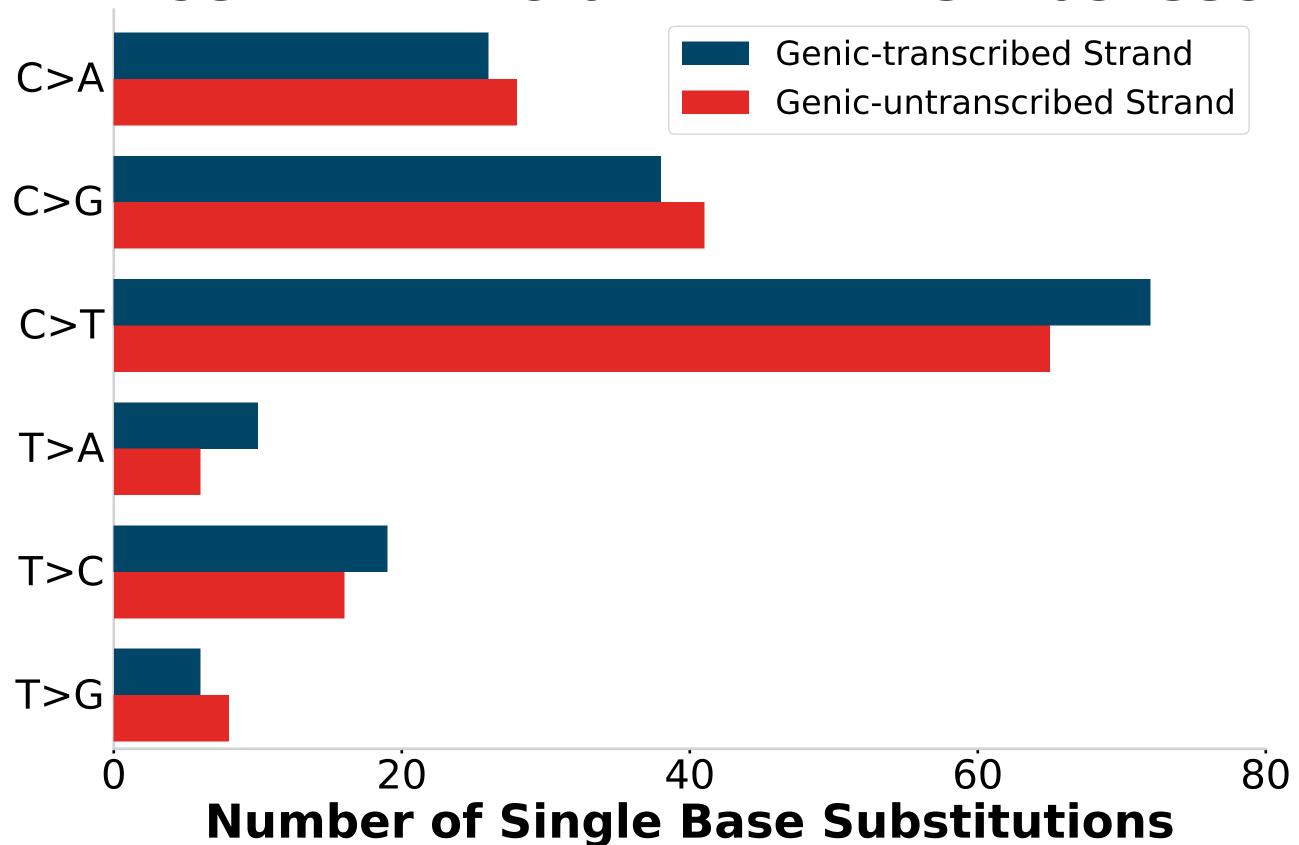
# TCGA-BT-A3PK-01A-21D-A21Z-08: 333 trar



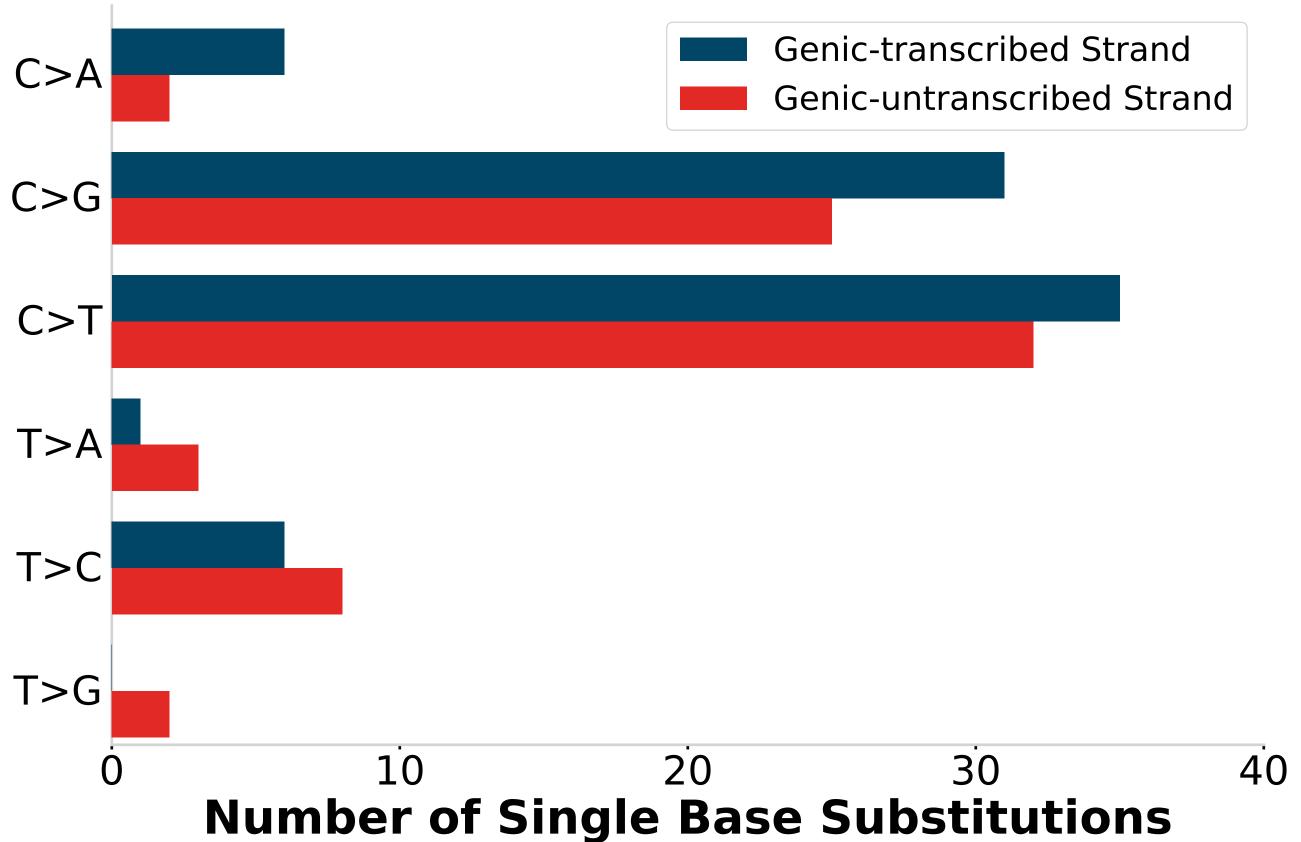
# TCGA-BT-A42B-01A-32D-A23M-08: 60 tran



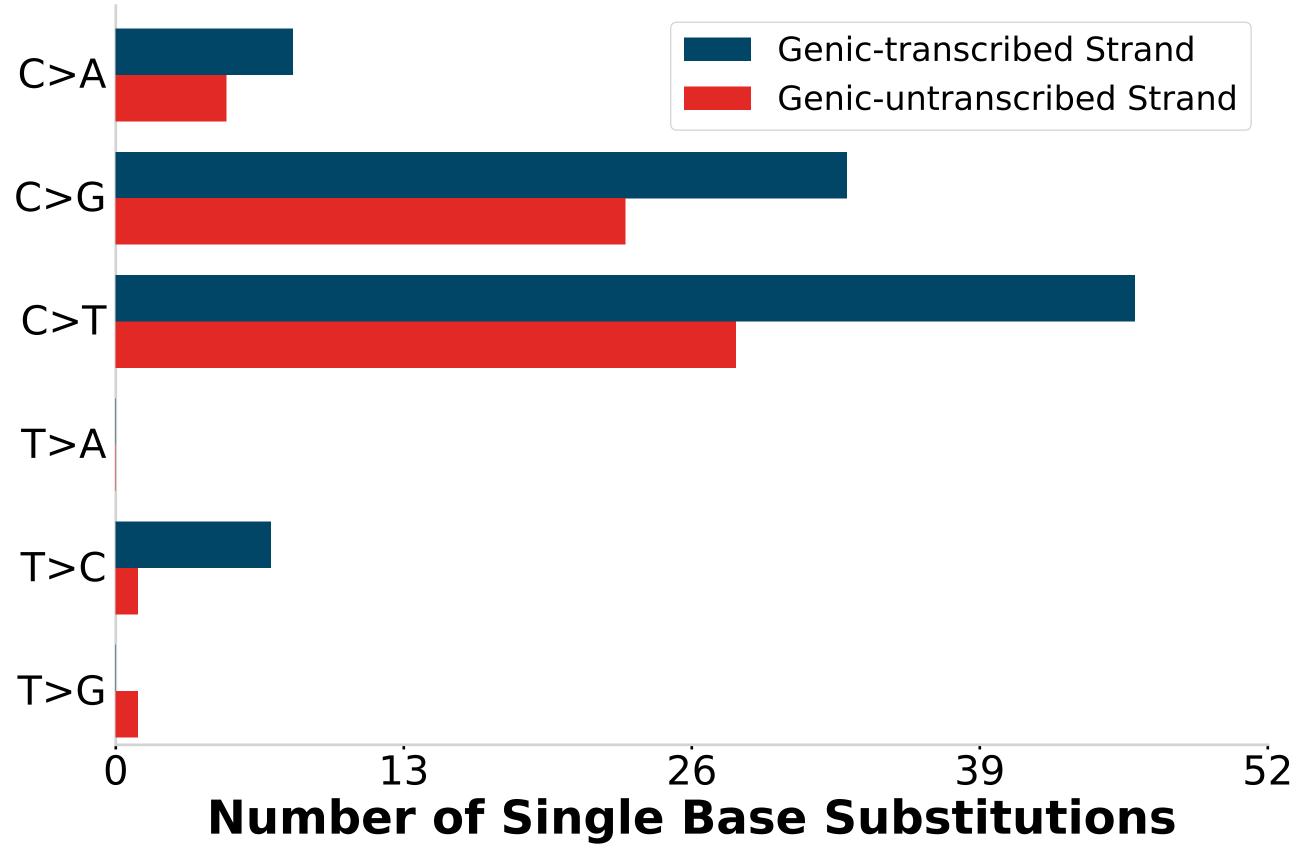
# TCGA-BT-A42C-01A-11D-A23M-08: 335 tra



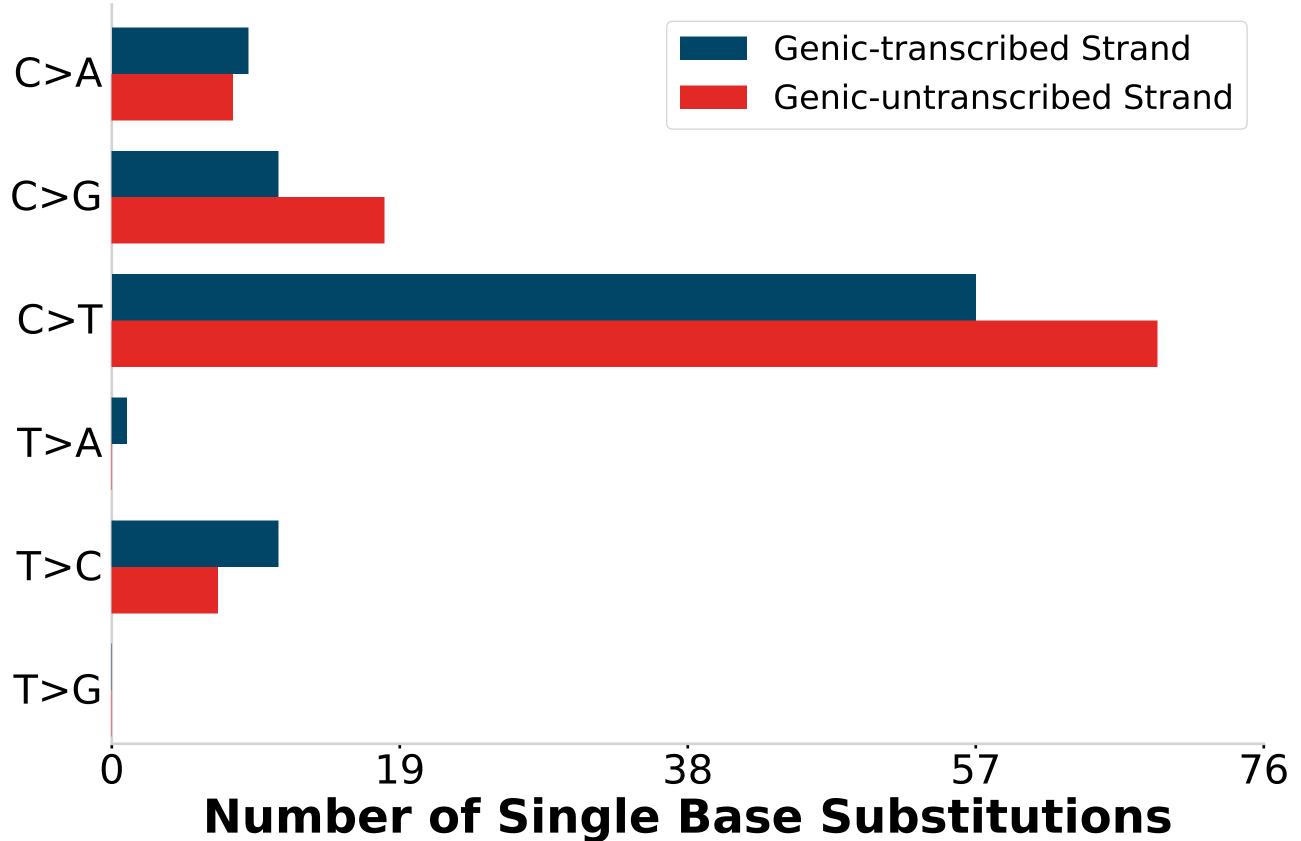
# TCGA-BT-A42E-01A-11D-A23U-08: 151 trar



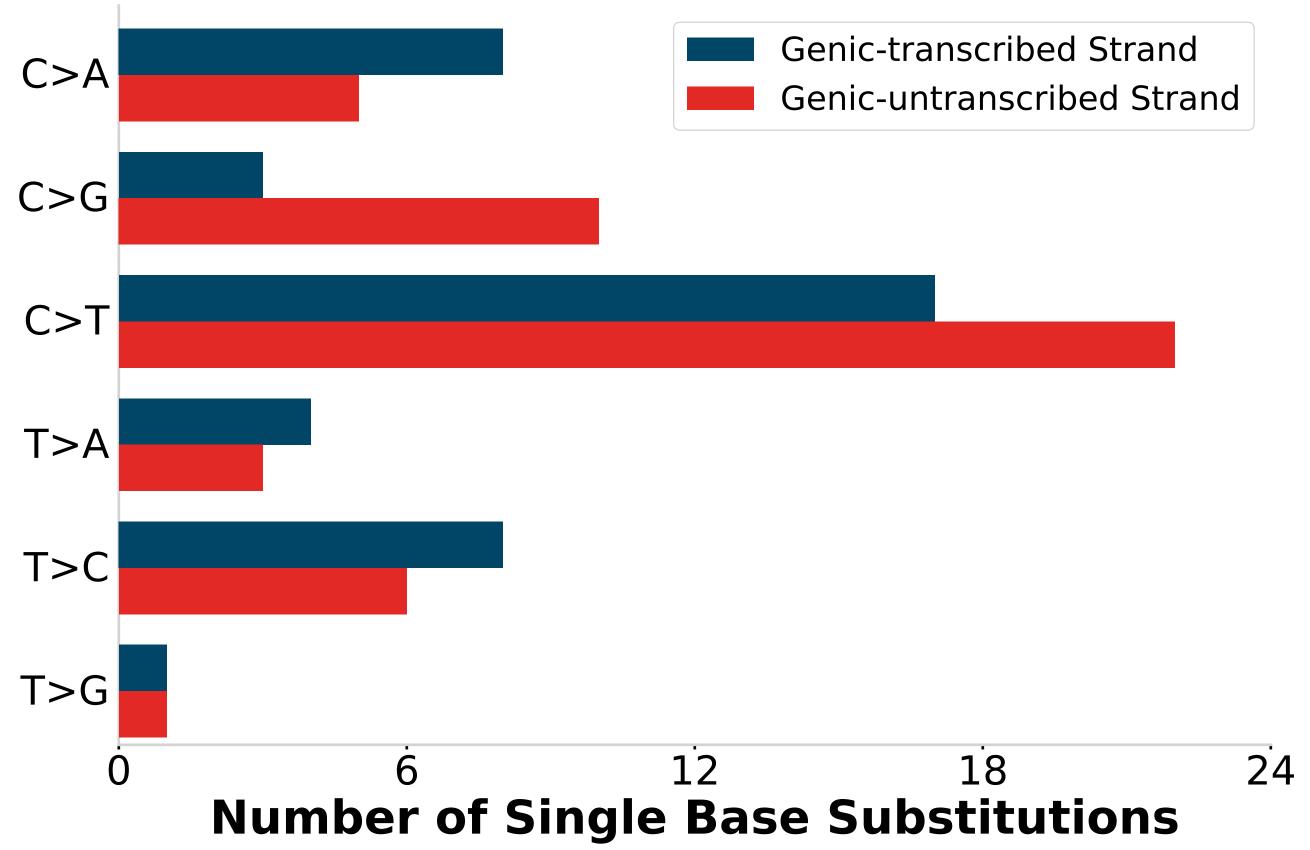
# TCGA-BT-A42F-01A-11D-A23U-08: 152 trar



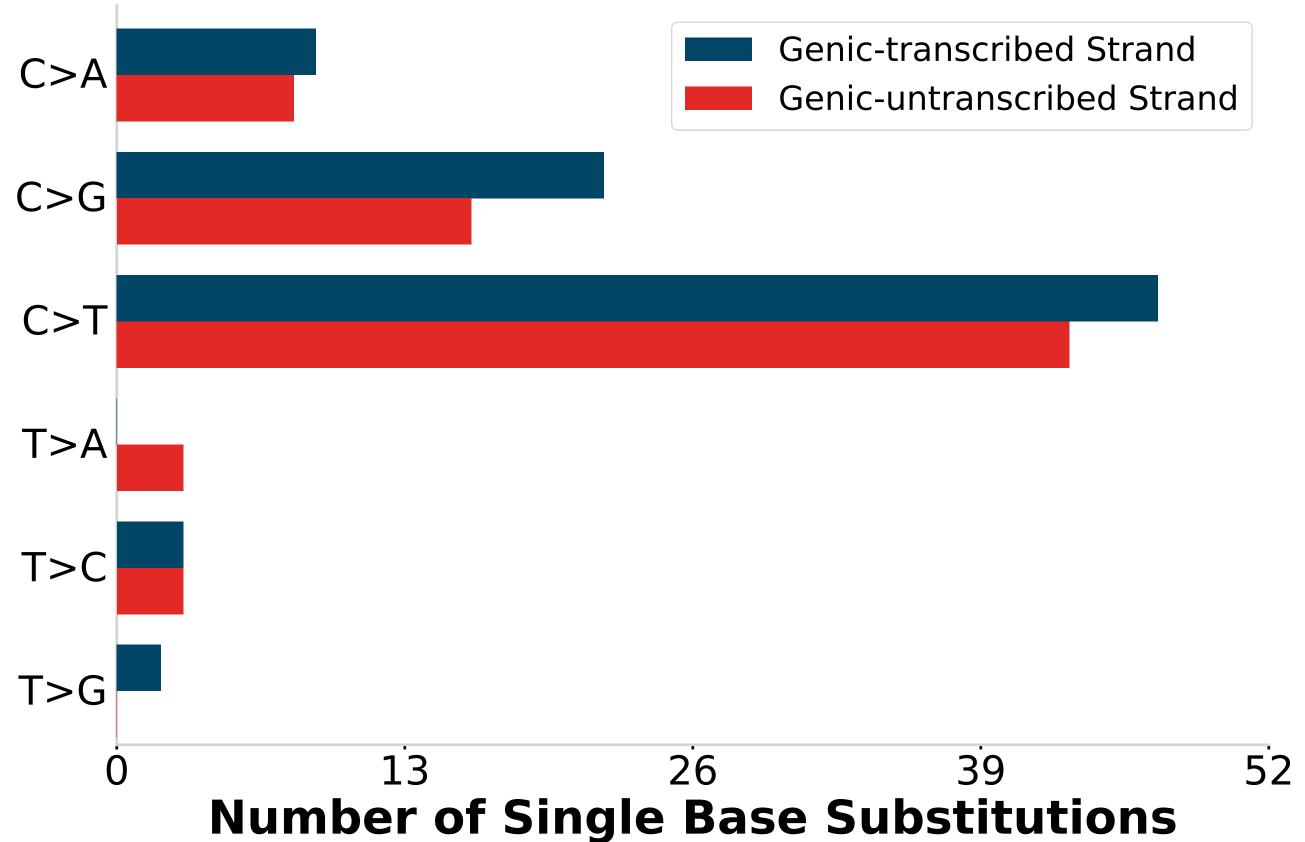
# TCGA-C4-A0EZ-01A-21D-A10S-08: 191 train



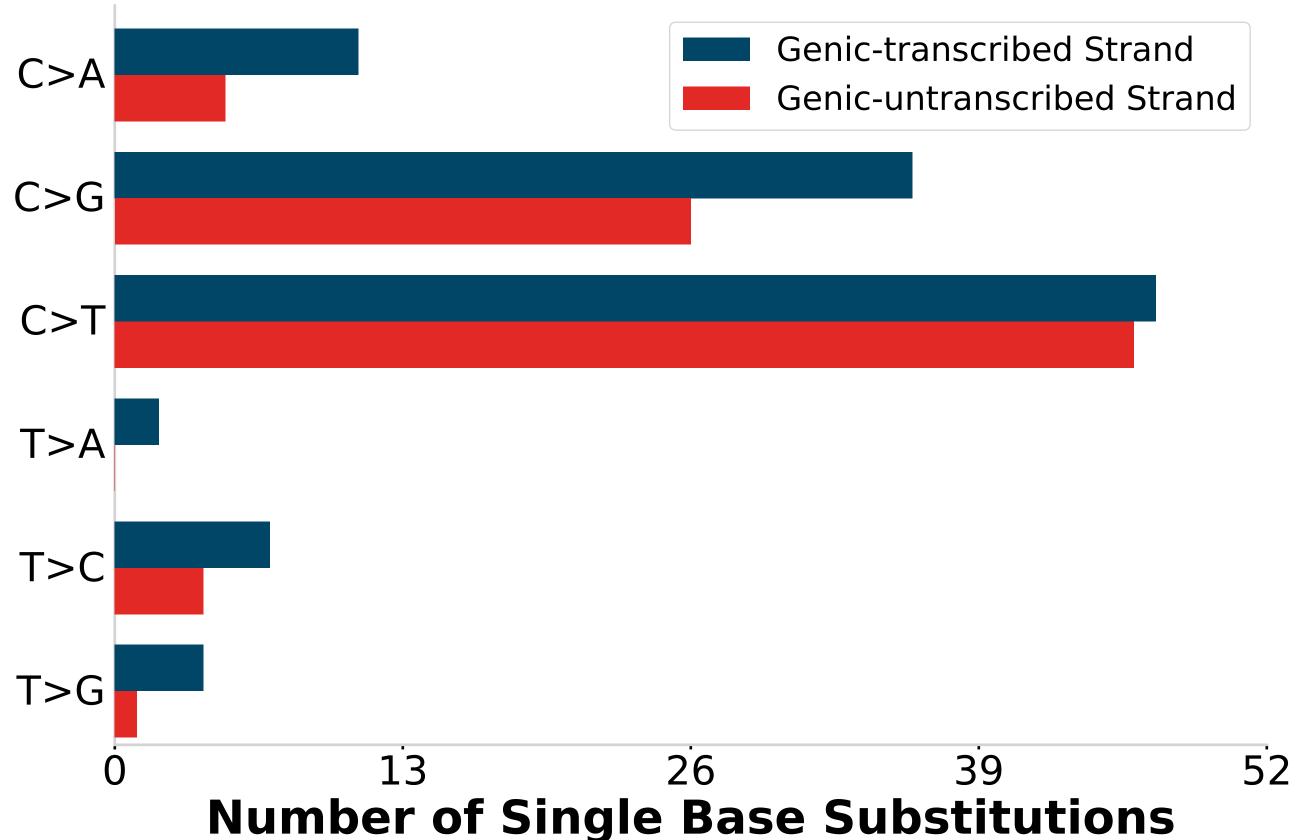
#### TCGA-C4-A0F0-01A-12D-A10S-08: 88 trans



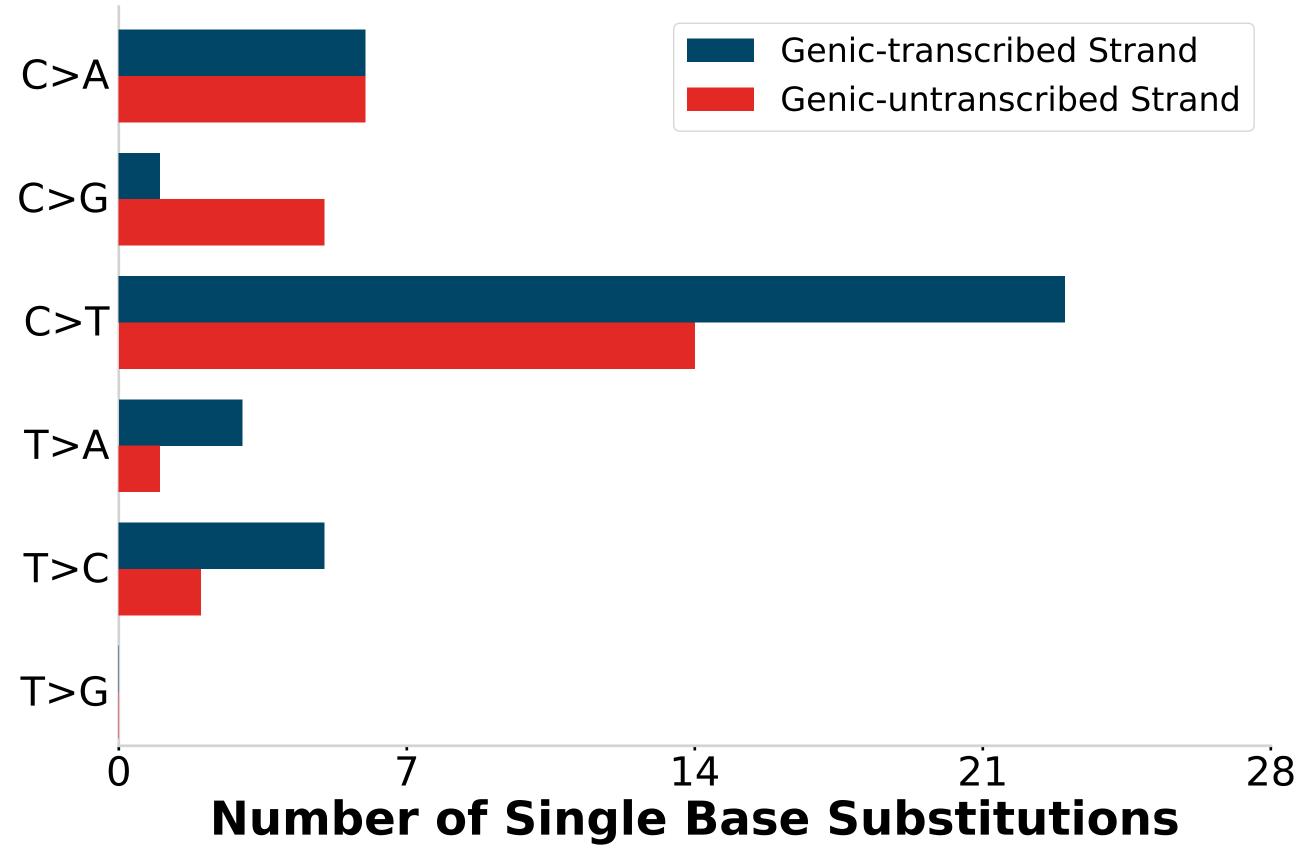
# TCGA-C4-A0F1-01A-11D-A10S-08: 156 trar



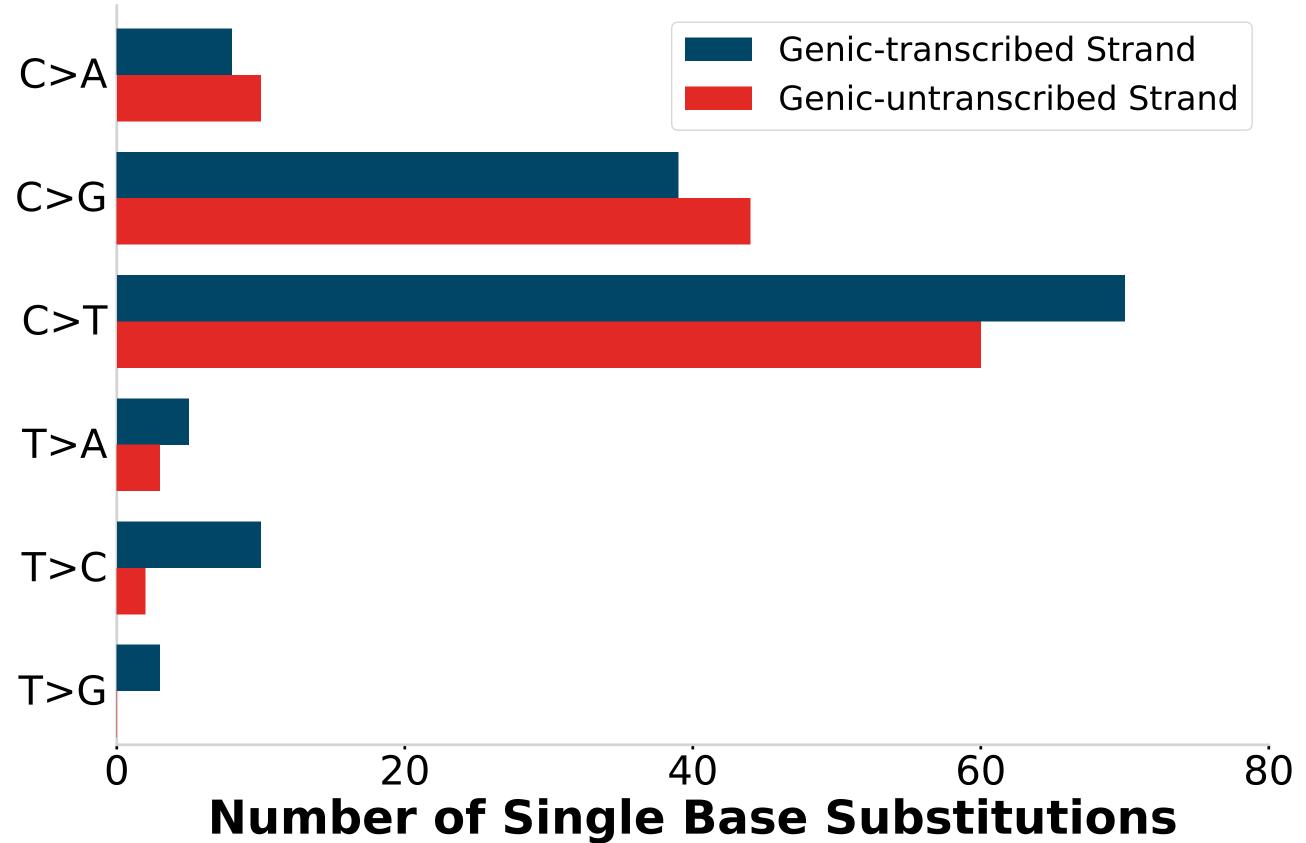
# TCGA-C4-A0F6-01A-11D-A10S-08: 189 tran



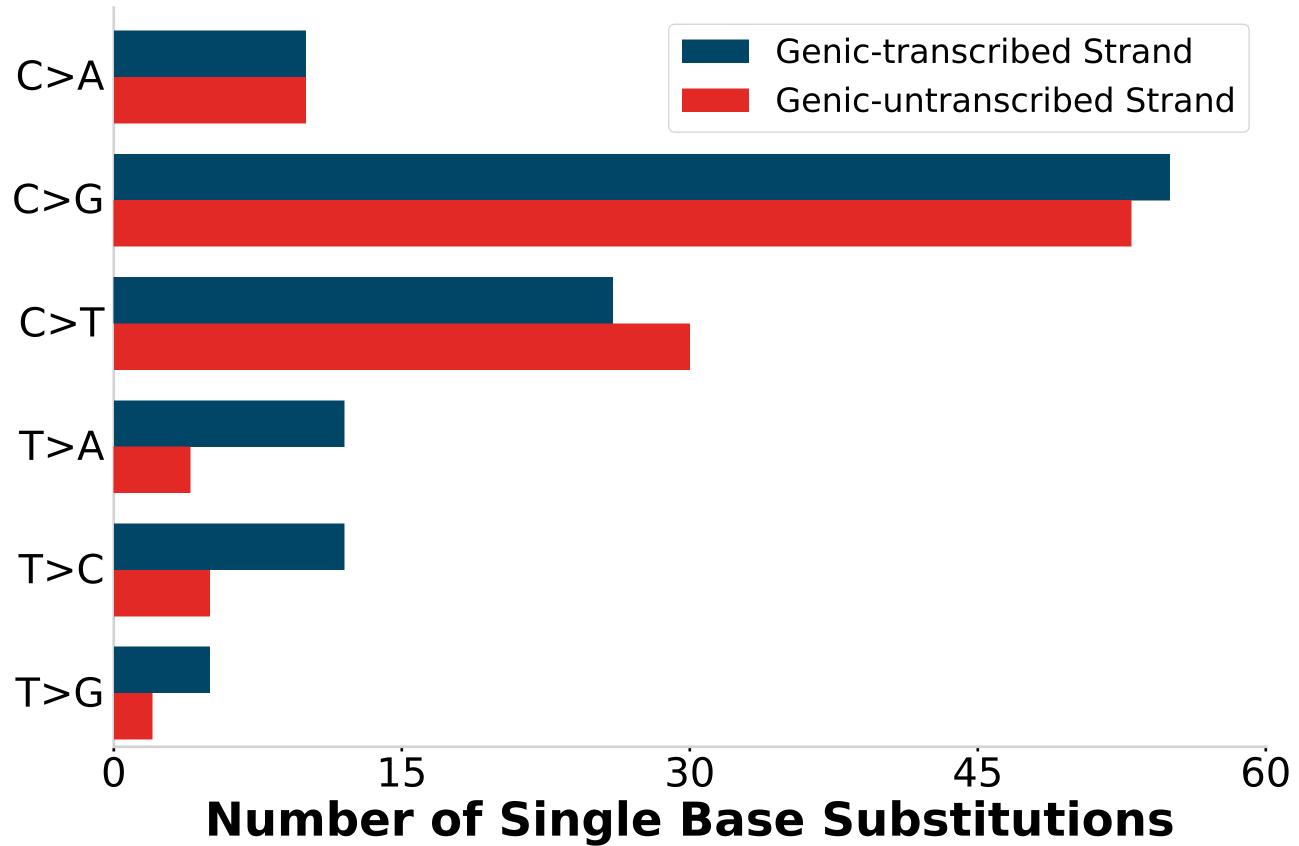
#### TCGA-C4-A0F7-01A-11D-A10S-08: 66 trans



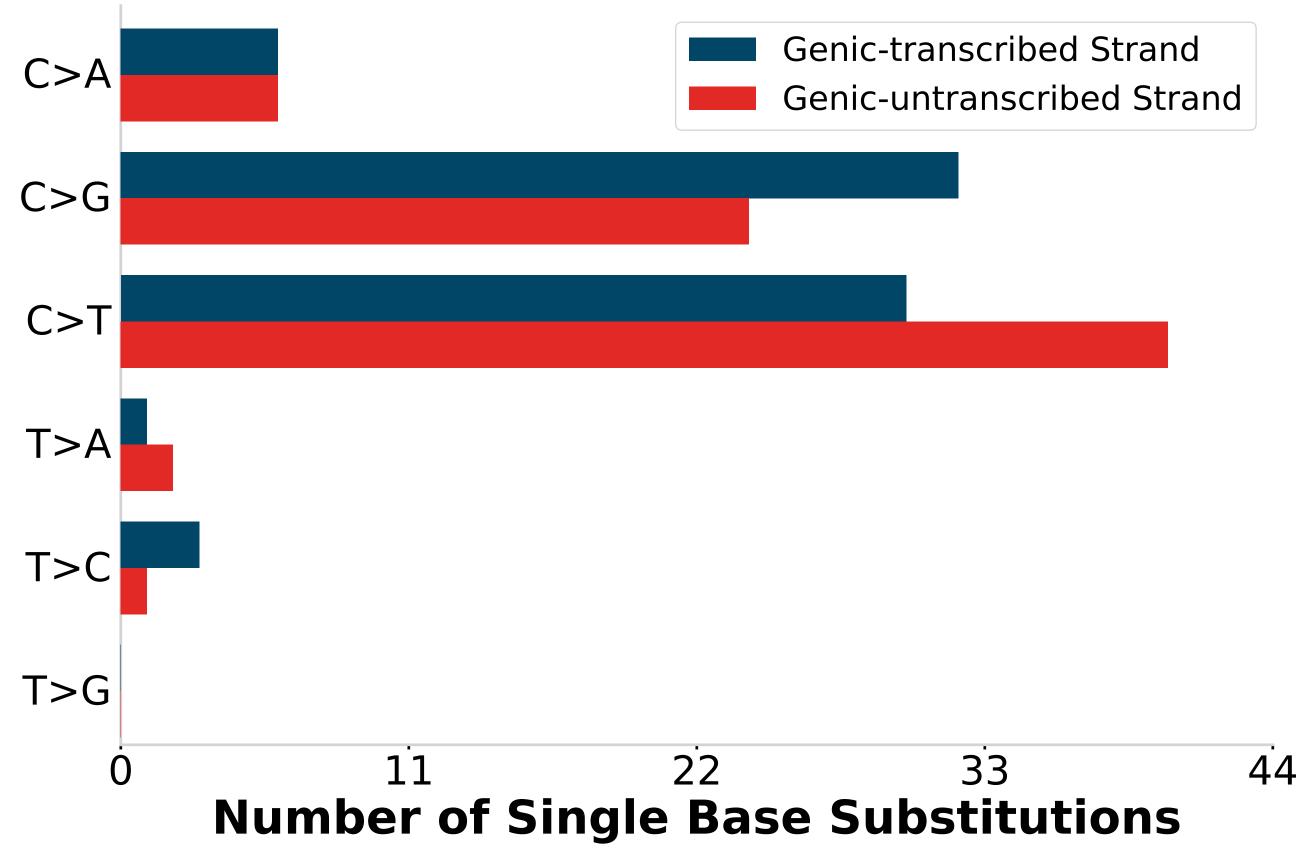
#### TCGA-CF-A1HR-01A-11D-A13W-08: 254 tra



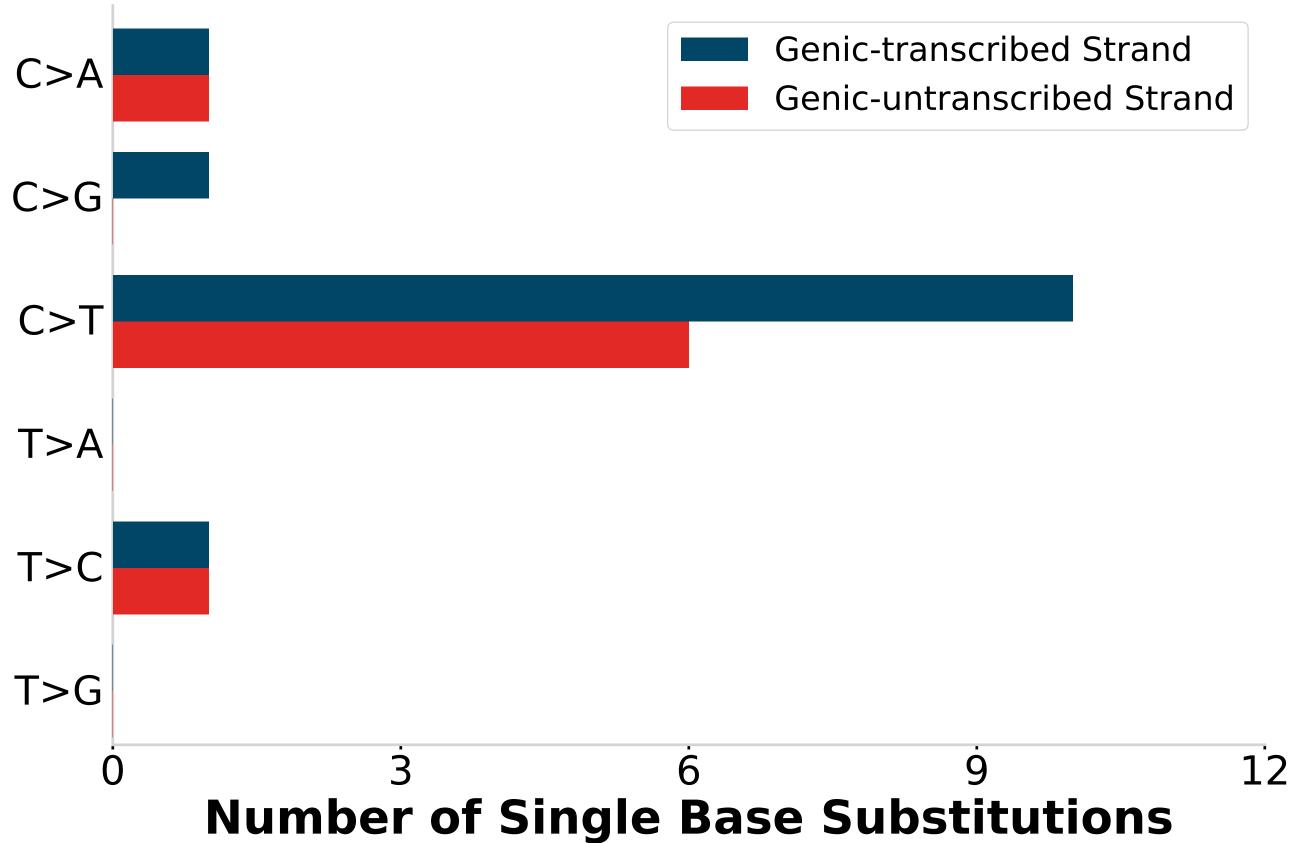
#### TCGA-CF-A1HS-01A-11D-A13W-08: 224 tra



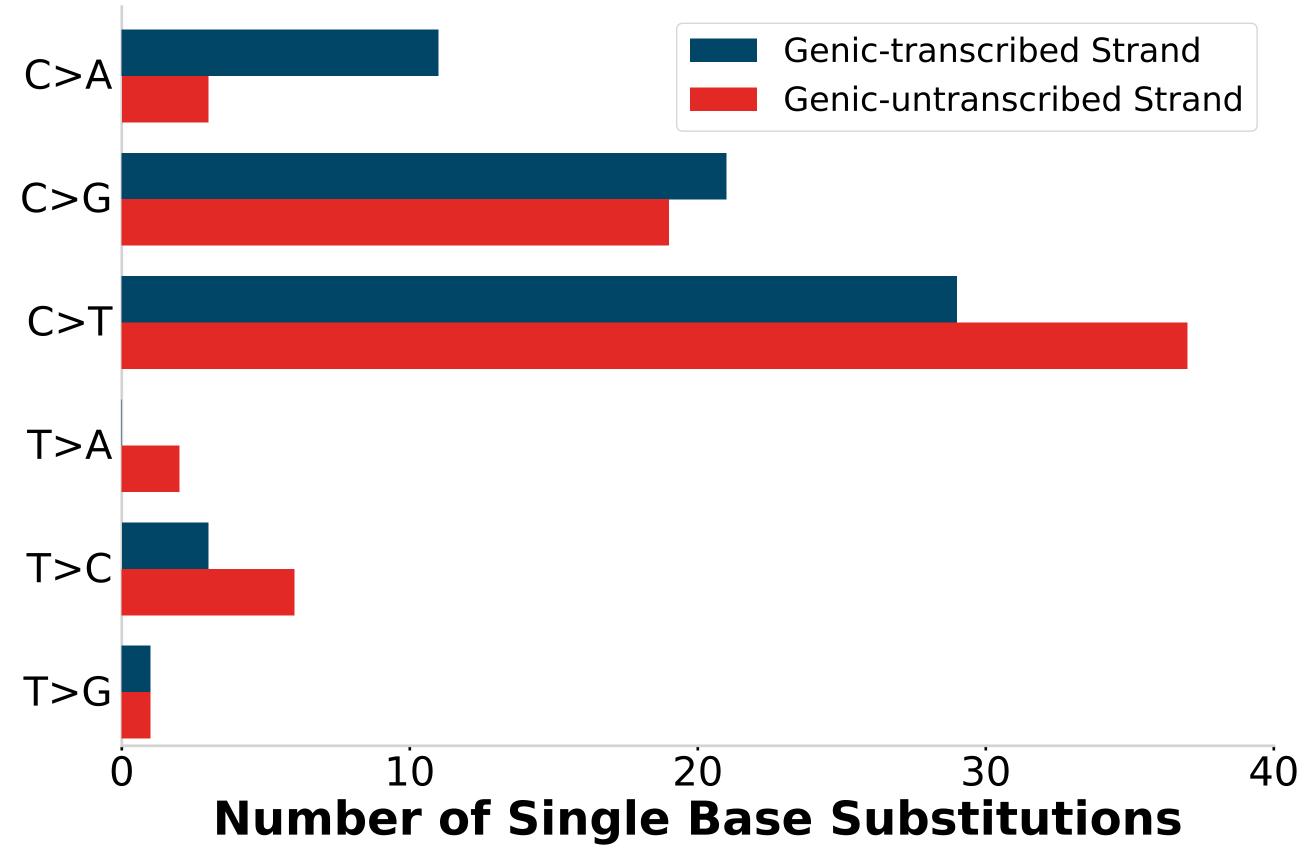
# TCGA-CF-A27C-01A-11D-A16O-08: 145 trail



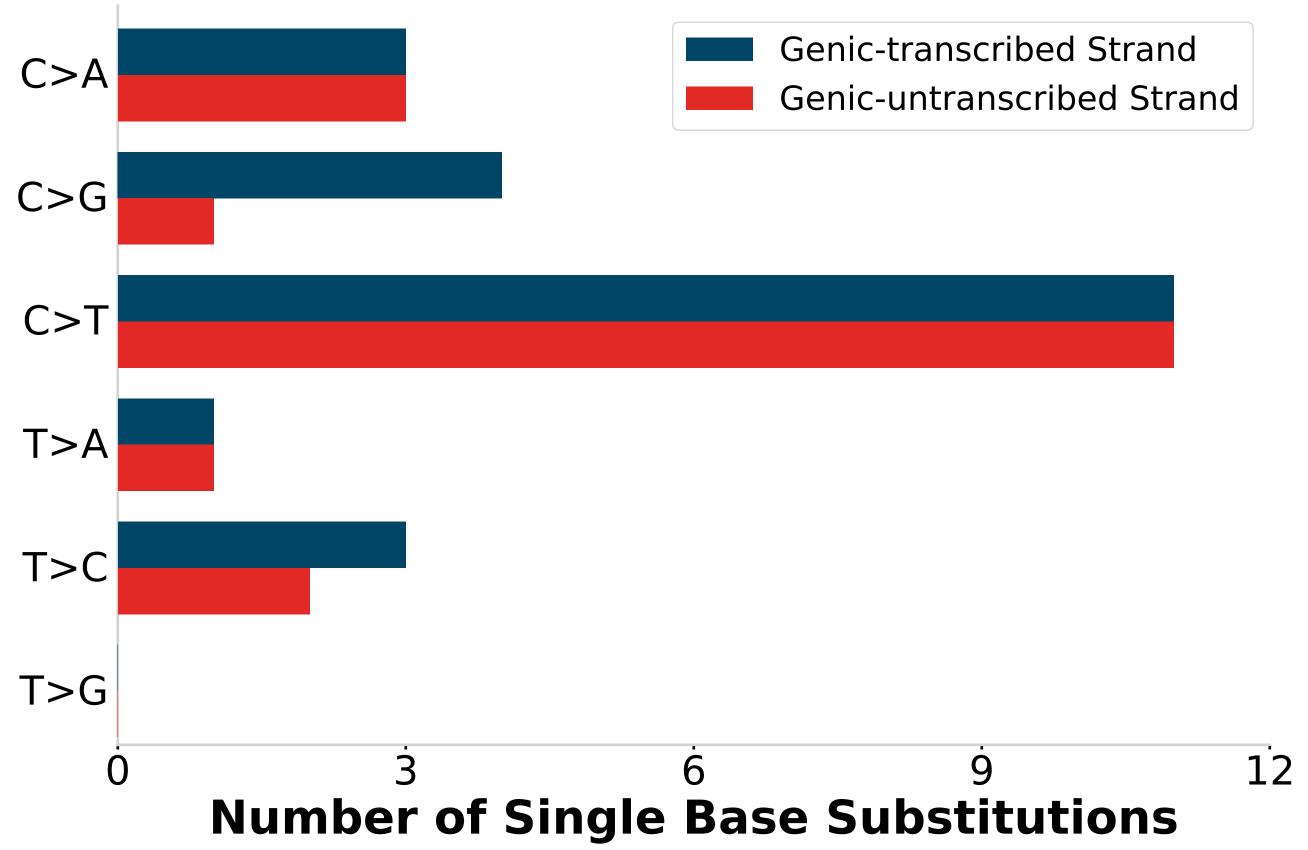
#### TCGA-CF-A3MF-01A-12D-A21A-08: 21 tran



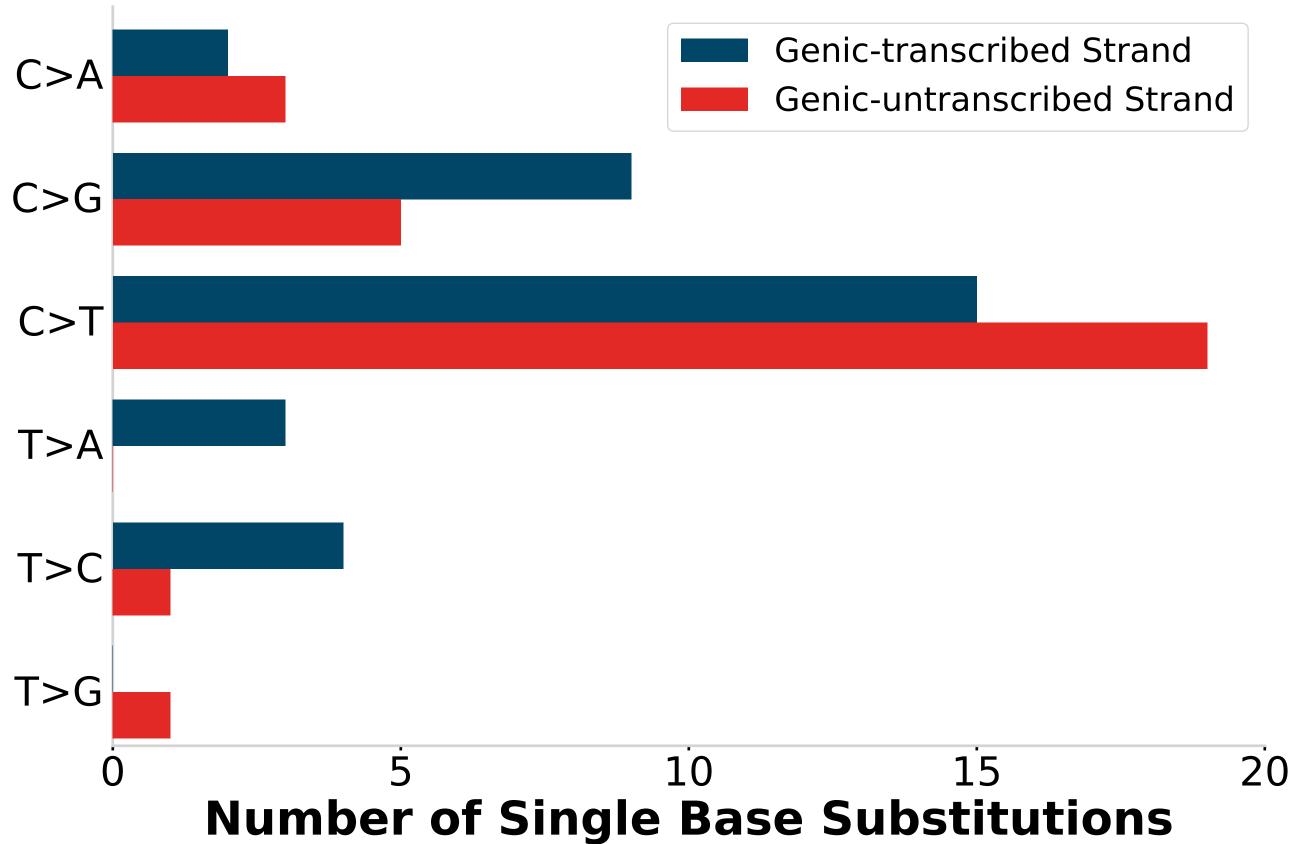
#### TCGA-CF-A3MG-01A-11D-A20D-08: 133 tra



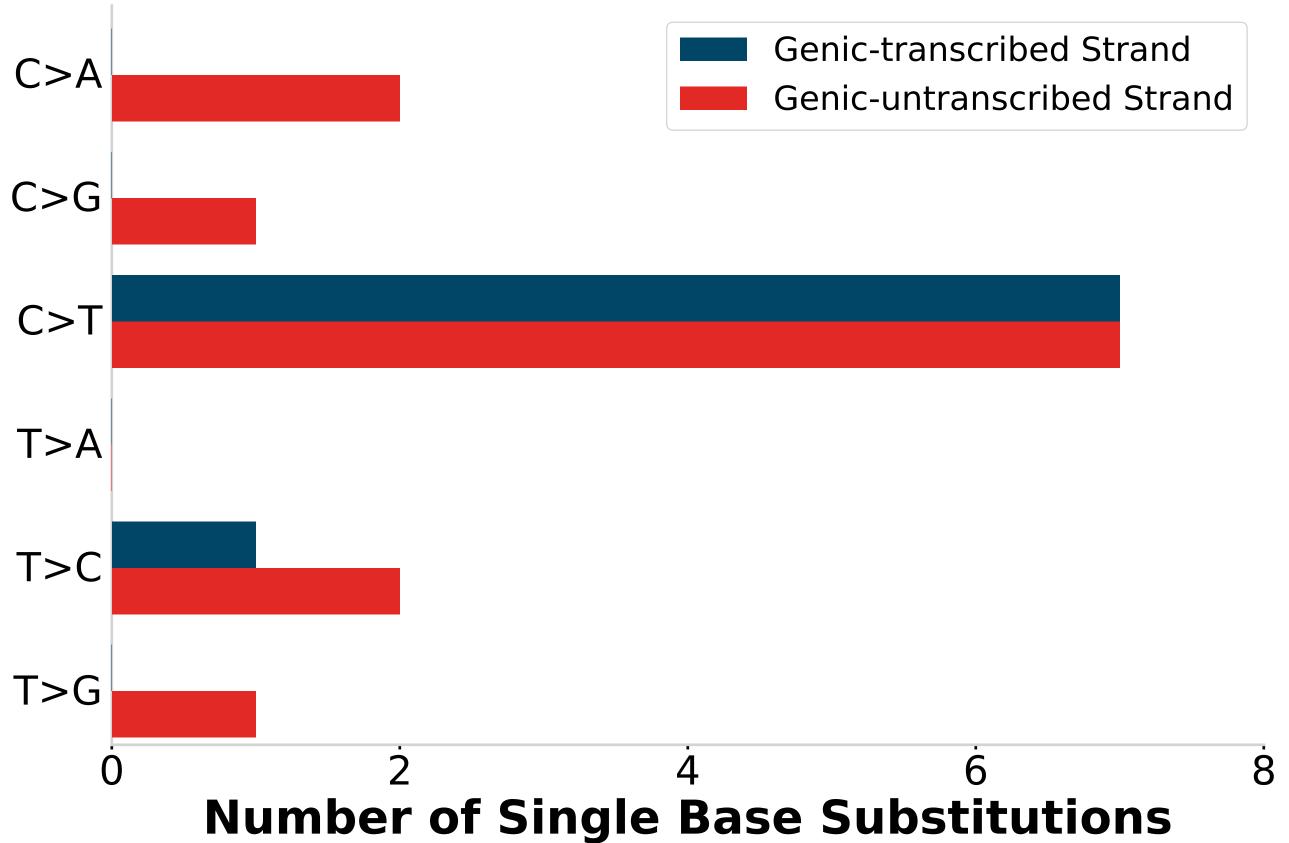
#### TCGA-CF-A3MH-01A-11D-A20D-08: 40 tran



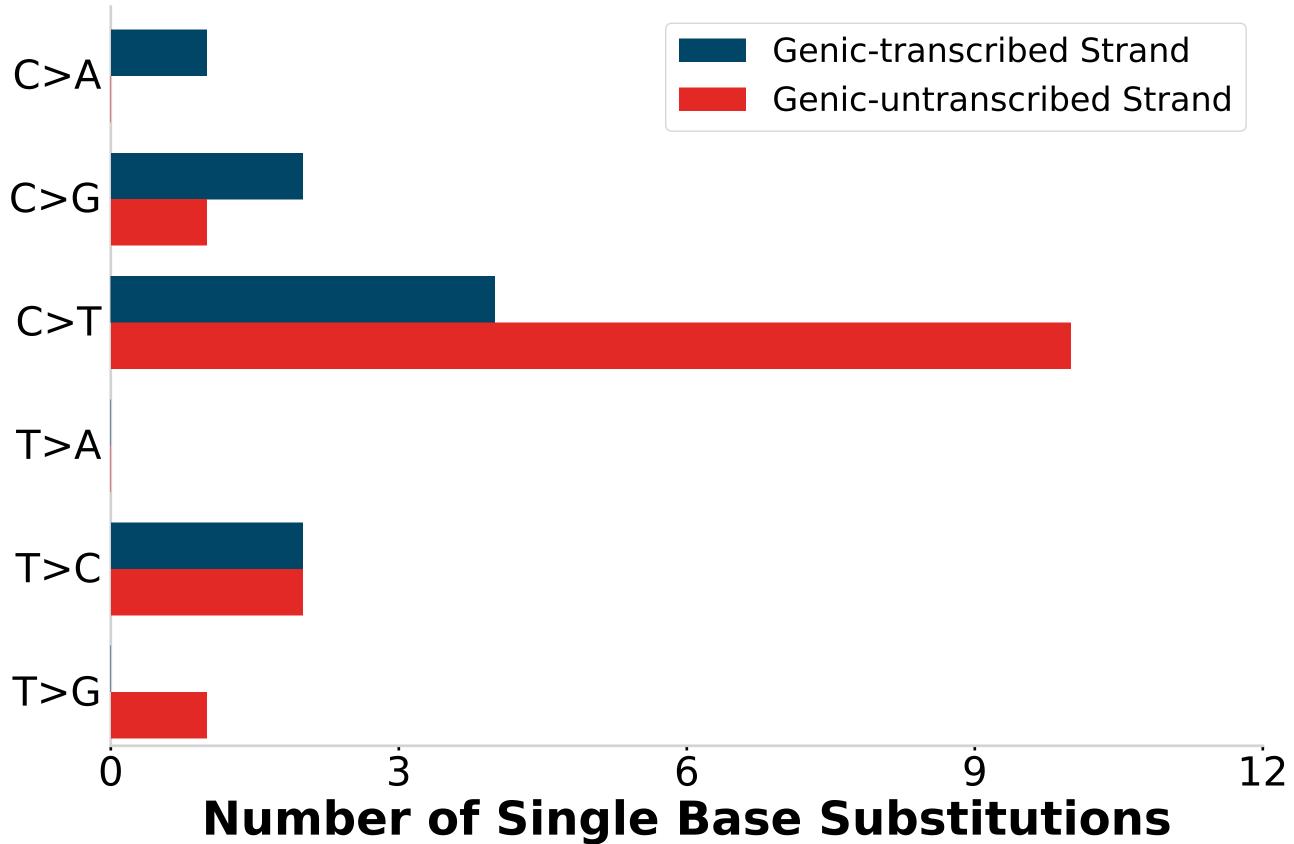
#### TCGA-CF-A3MI-01A-11D-A20D-08: 62 trans



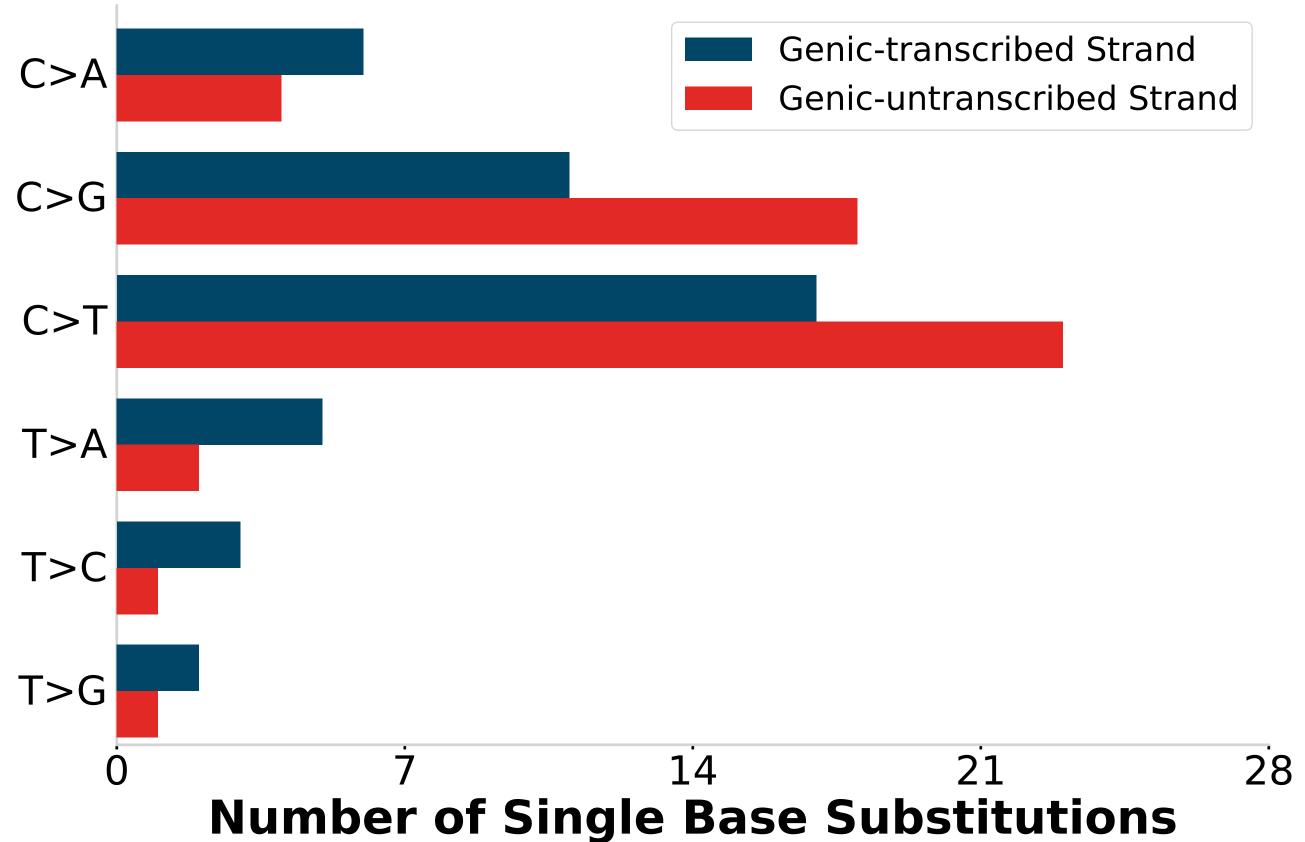
#### TCGA-CF-A47S-01A-11D-A23U-08: 21 trans



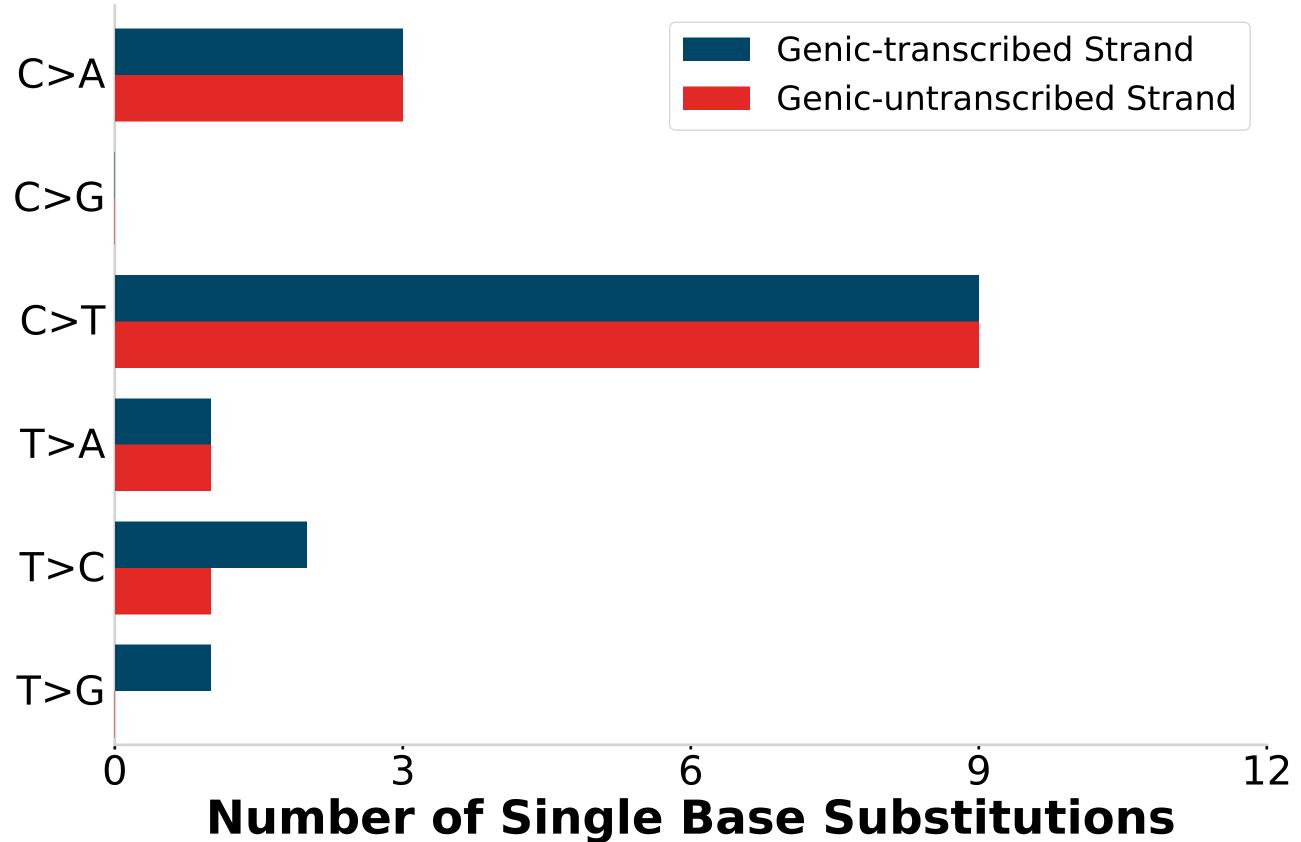
#### TCGA-CF-A47T-01A-11D-A23U-08: 23 trans



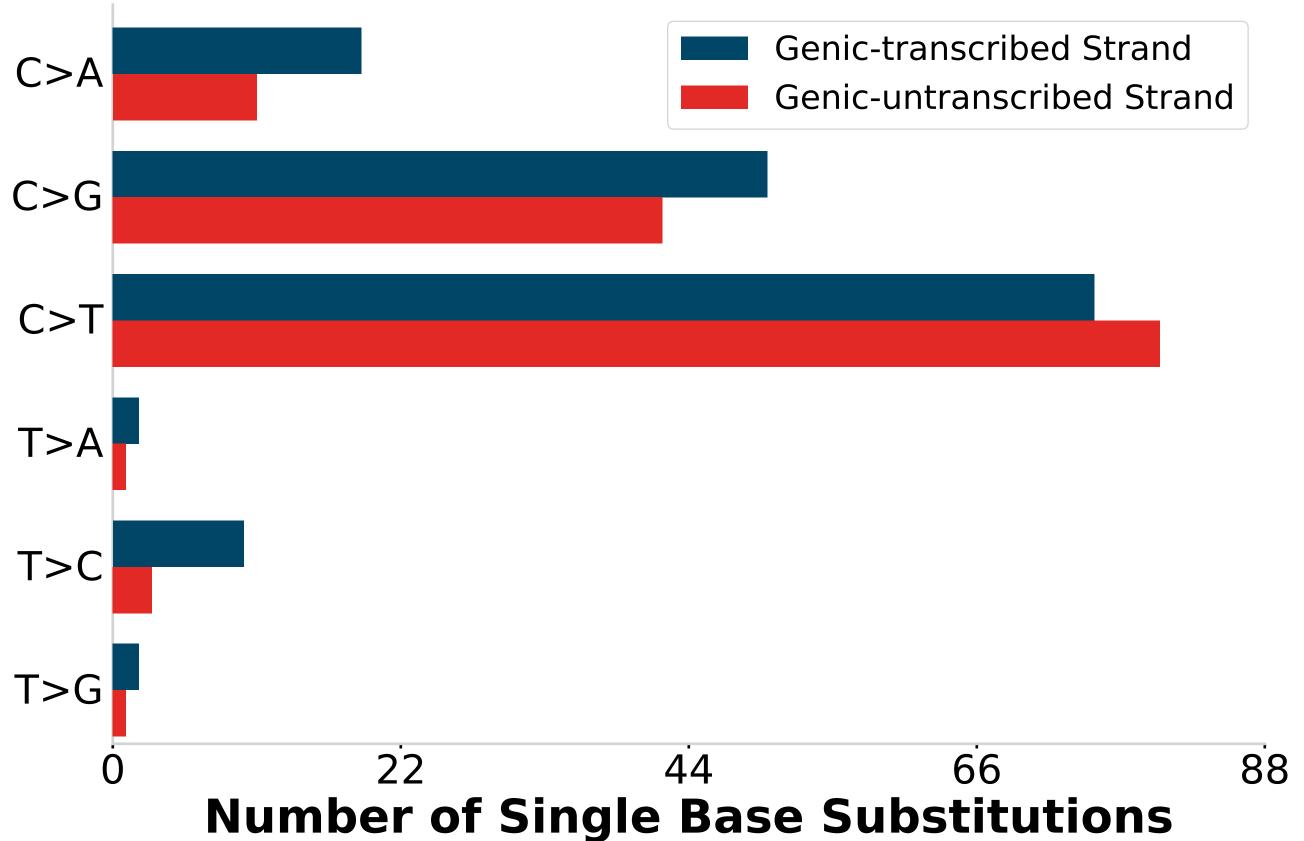
# TCGA-CF-A47V-01A-11D-A23U-08: 93 trans



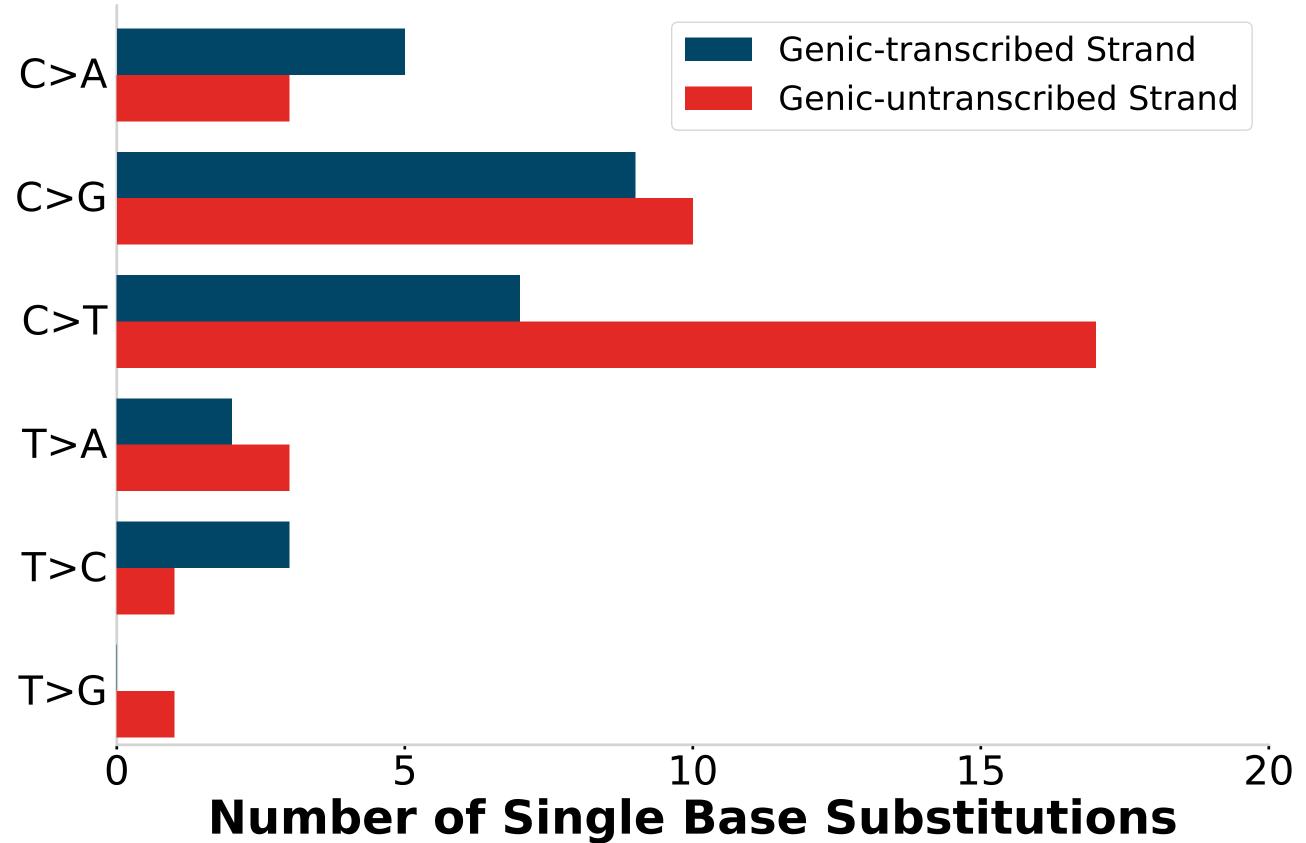
# TCGA-CF-A47W-01A-11D-A23U-08: 30 tran



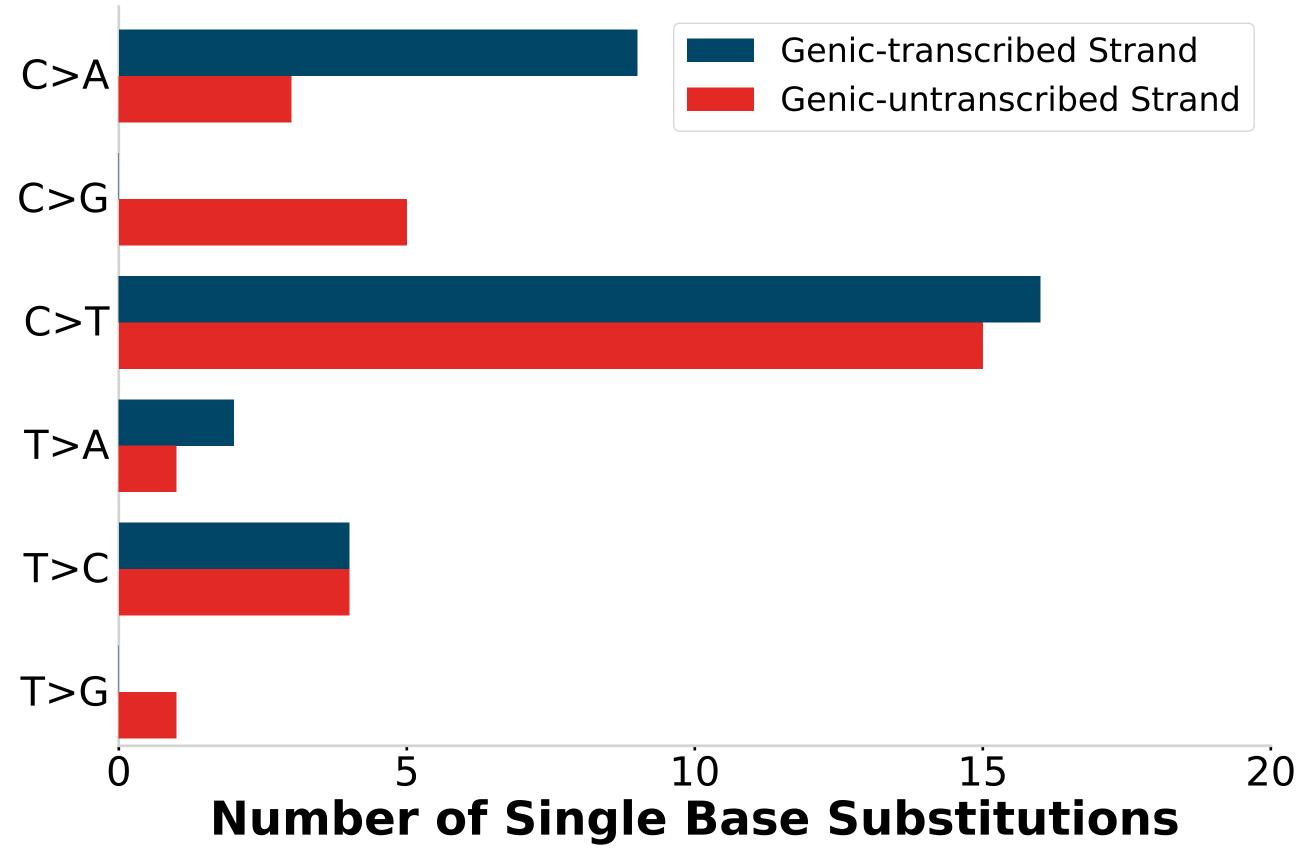
# TCGA-CF-A47X-01A-31D-A23U-08: 296 trai



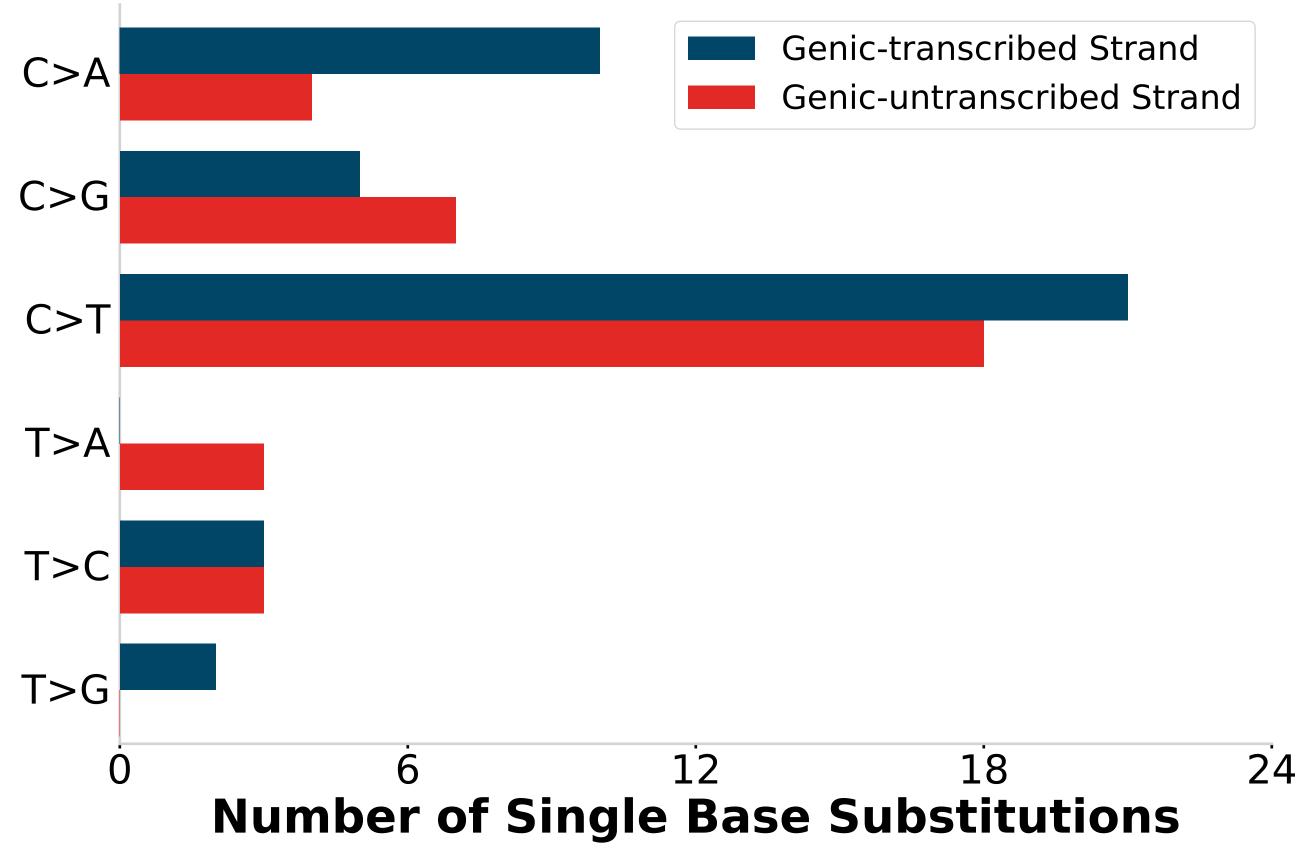
#### TCGA-CF-A47Y-01A-11D-A23U-08: 61 trans



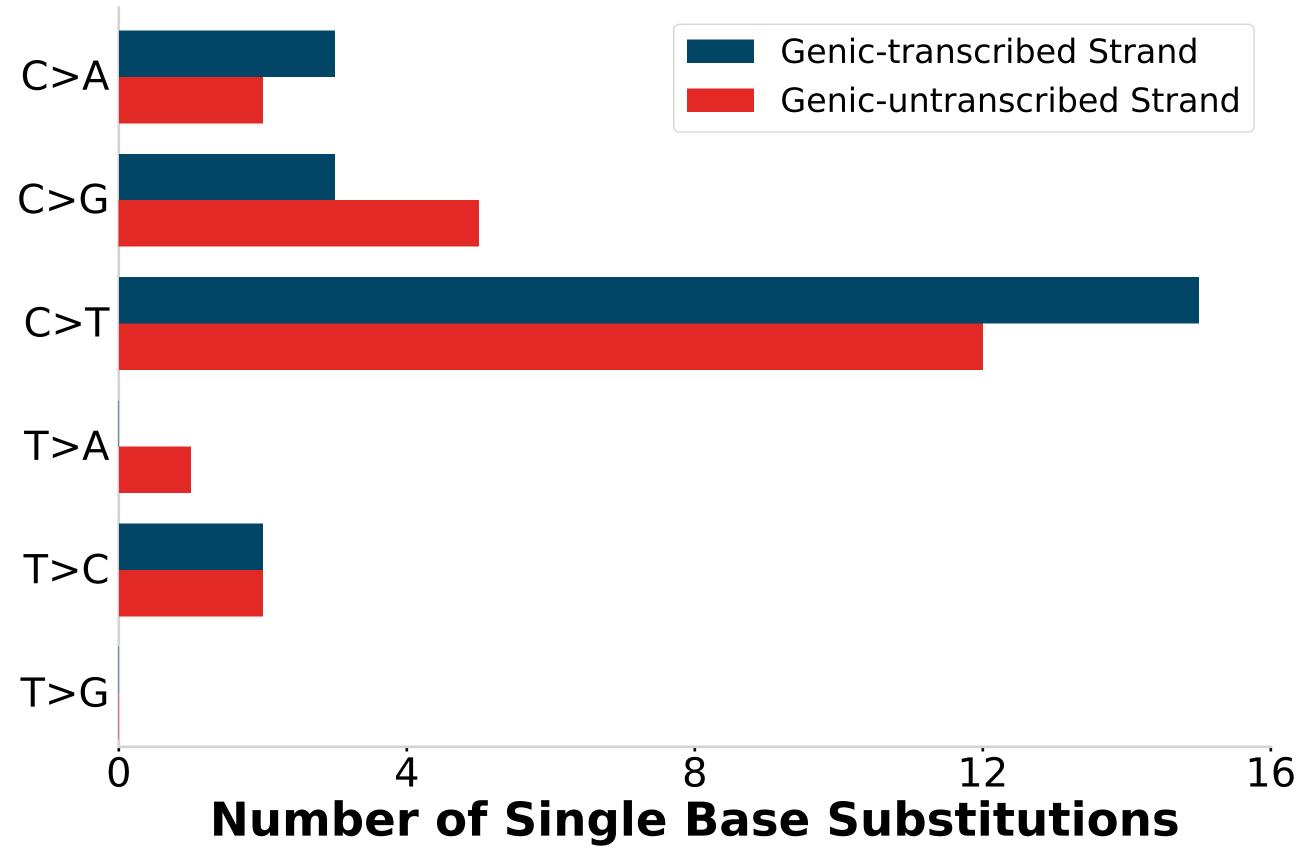
#### TCGA-CF-A5U8-01A-11D-A289-08: 60 trans



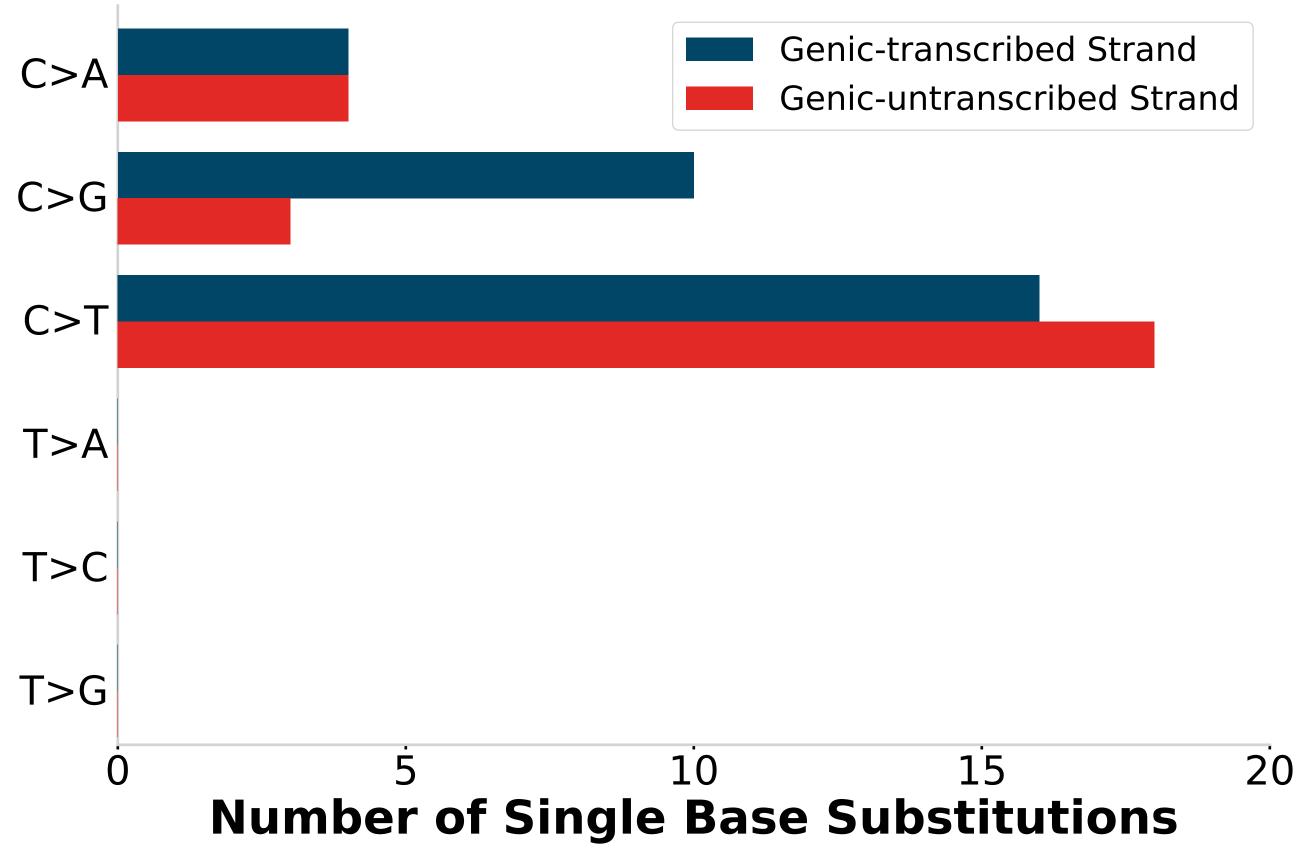
#### TCGA-CF-A5UA-01A-11D-A289-08: 76 trans



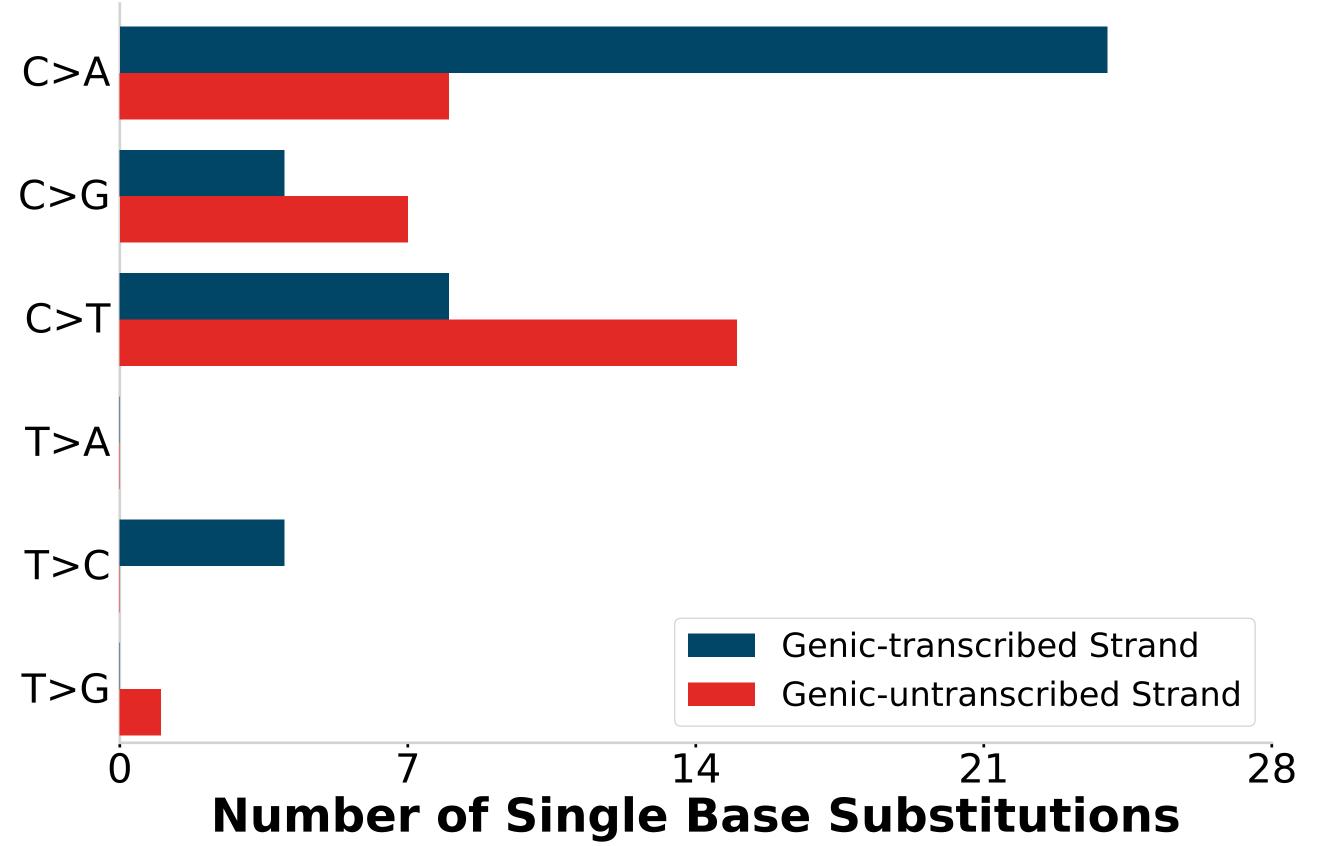
#### TCGA-CF-A7I0-01A-22D-A34U-08: 45 trans



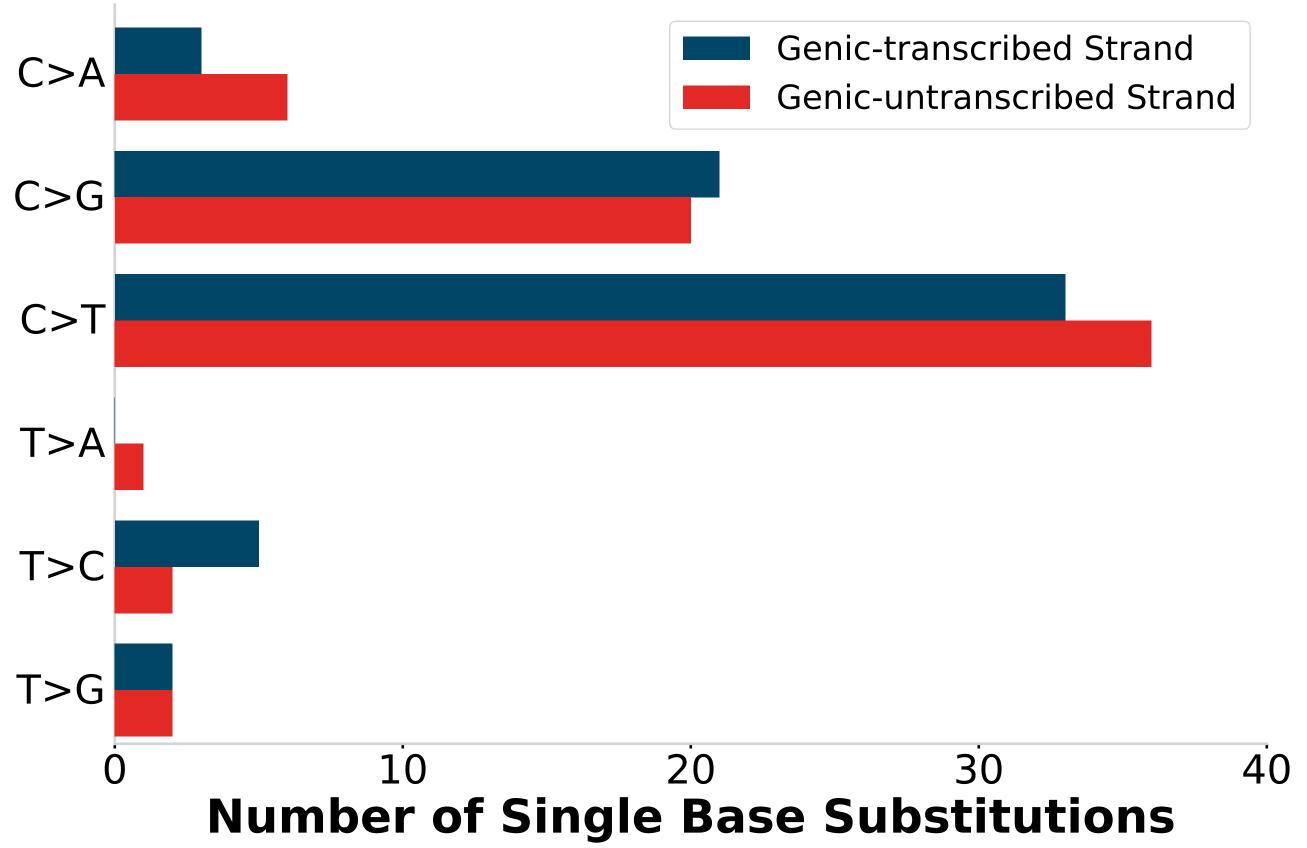
#### TCGA-CF-A8HX-01A-11D-A364-08: 55 trans



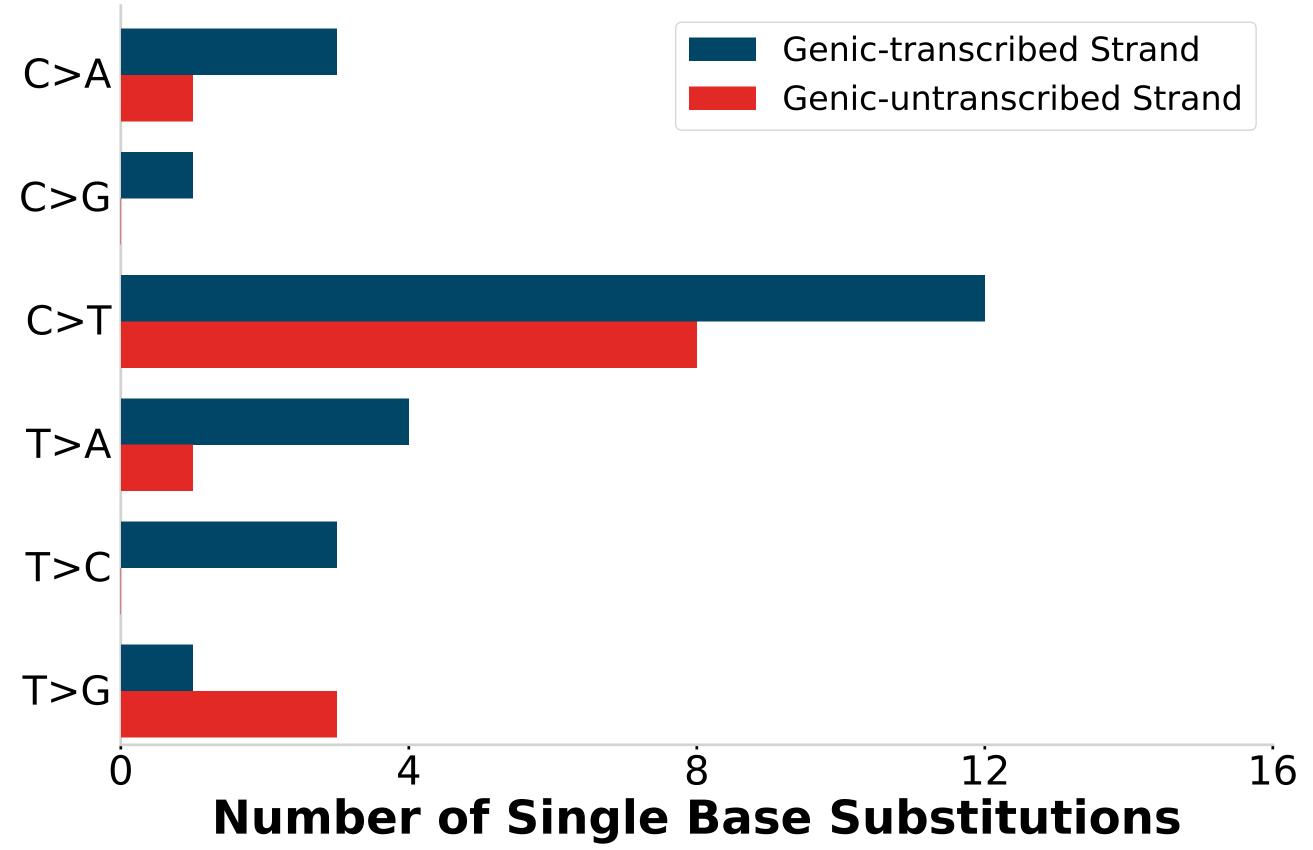
#### TCGA-CF-A8HY-01A-11D-A364-08: 71 trans



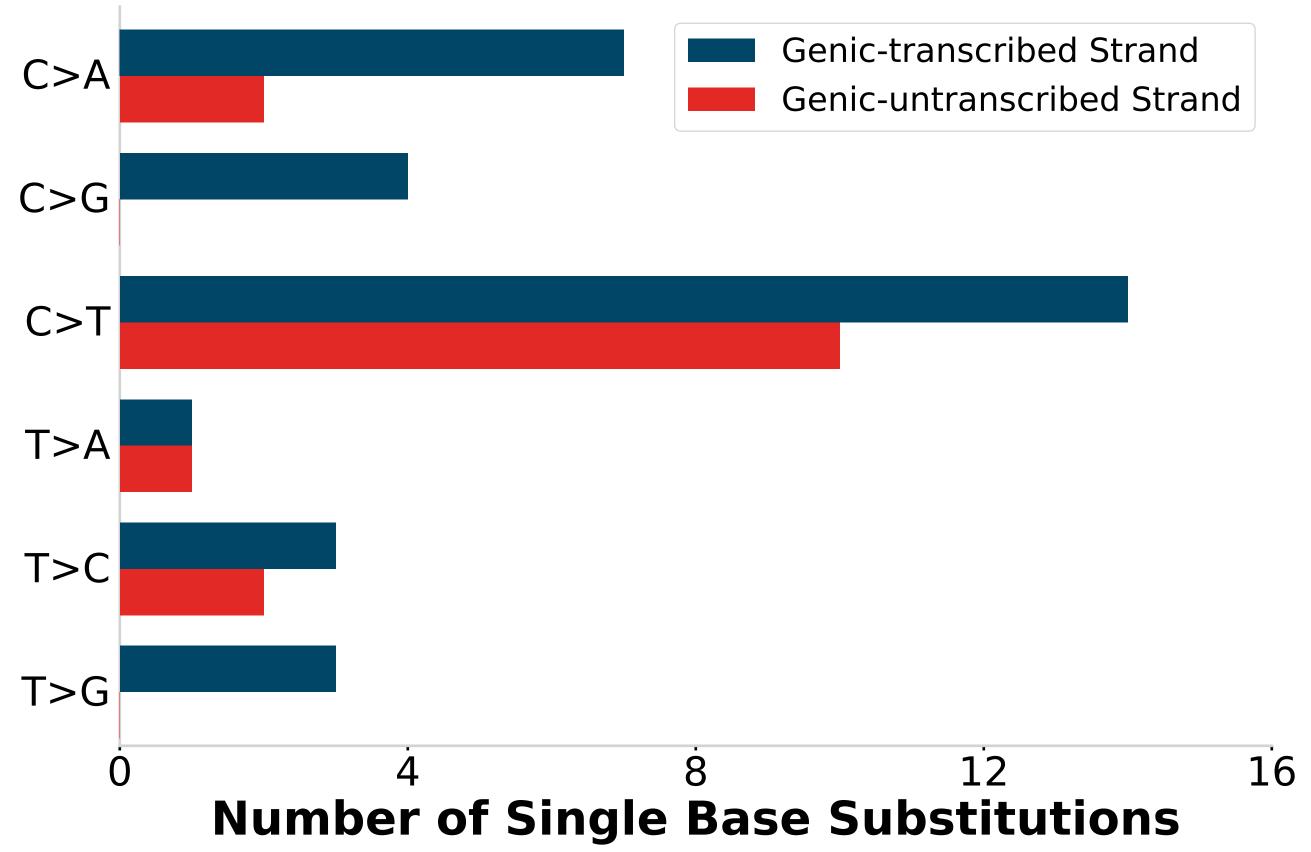
## TCGA-CF-A9FF-01A-11D-A38G-08: 131 train



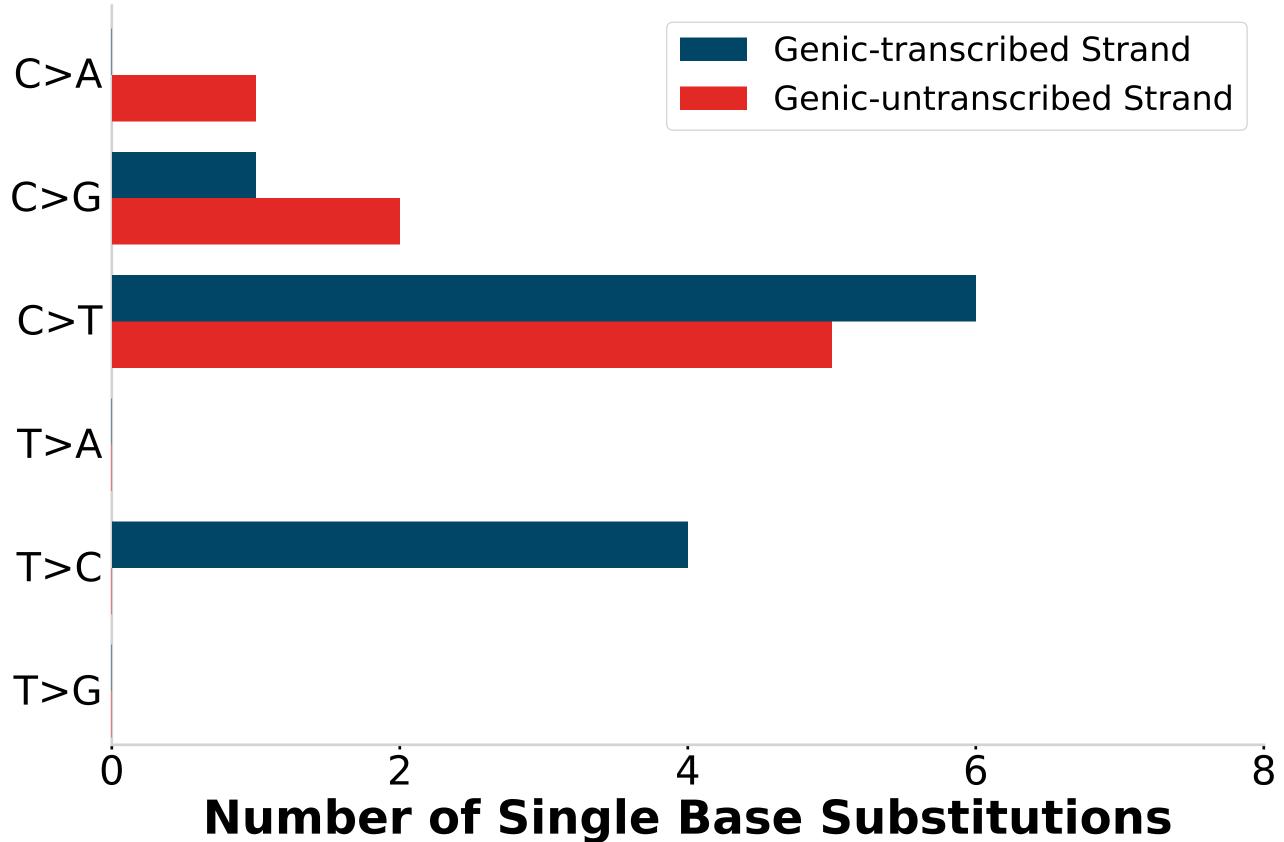
#### TCGA-CF-A9FH-01A-11D-A38G-08: 37 trans



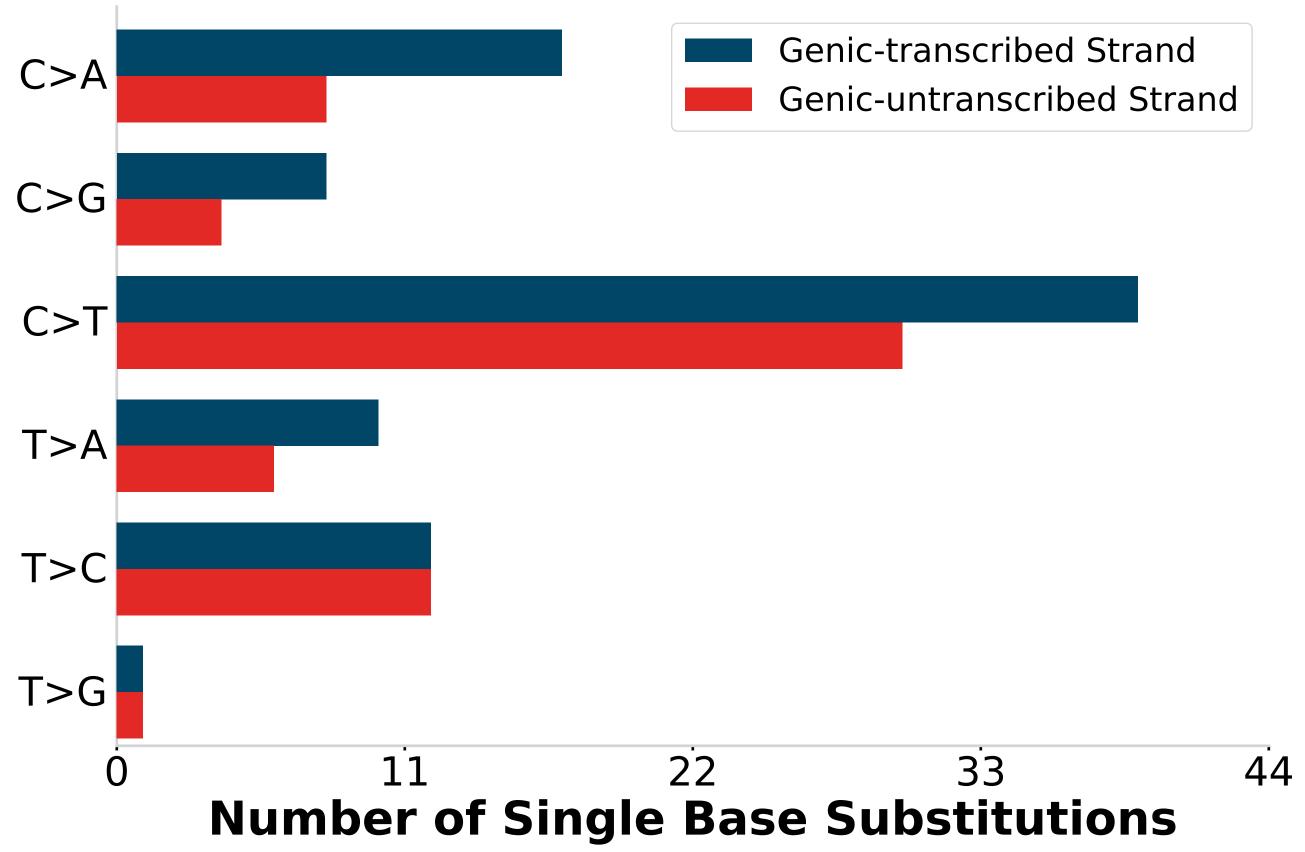
#### TCGA-CF-A9FL-01A-11D-A38G-08: 47 trans



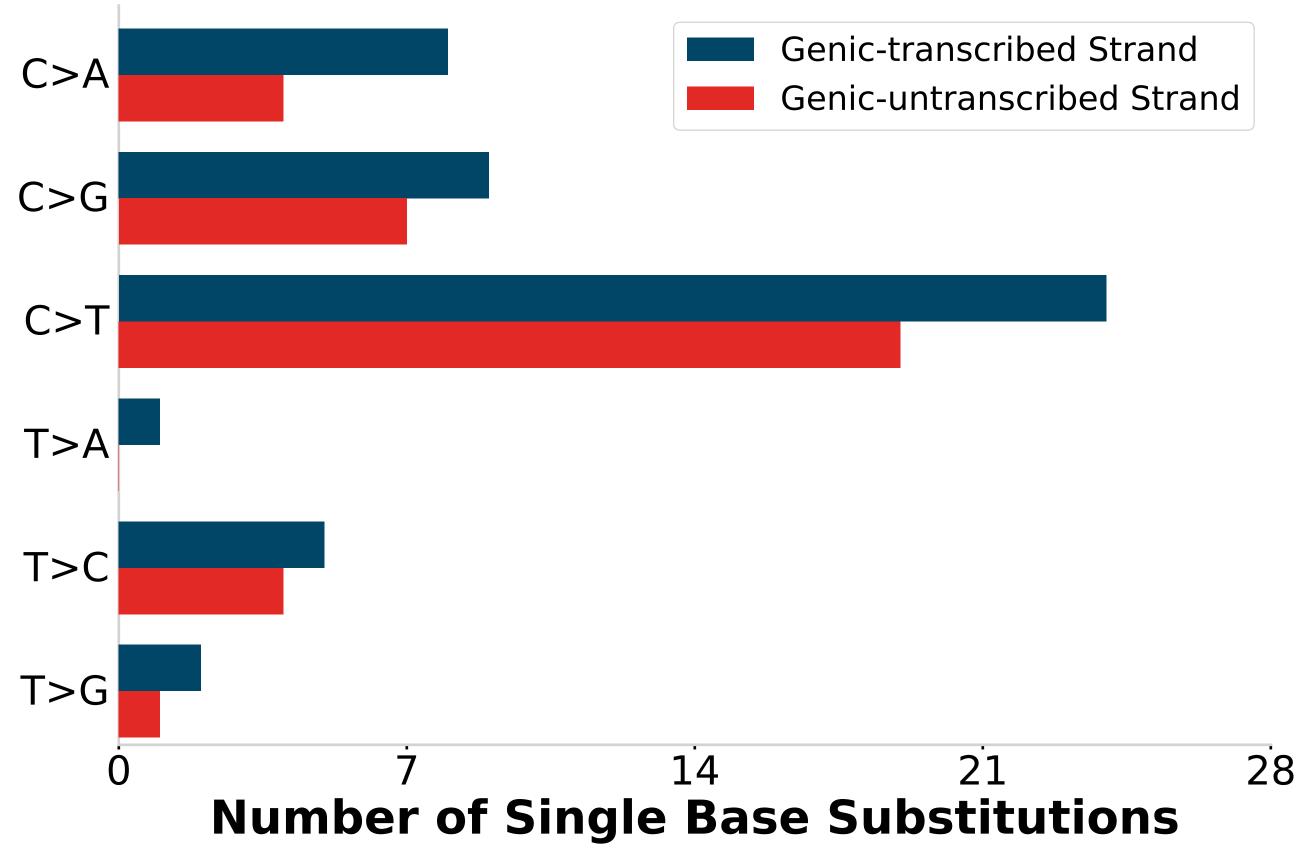
#### TCGA-CF-A9FM-01A-11D-A38G-08: 19 tran



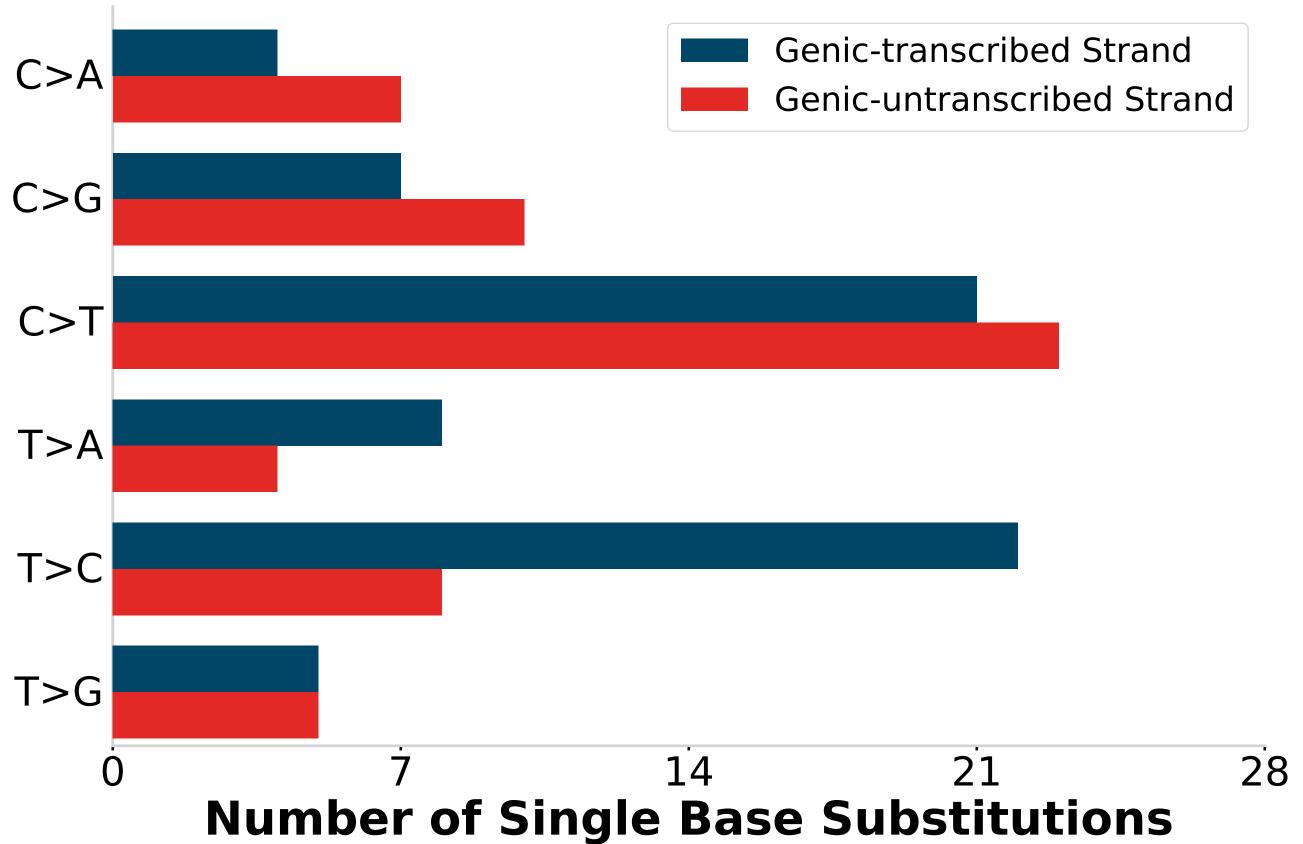
#### TCGA-CU-A0YN-01A-21D-A10S-08: 148 tra



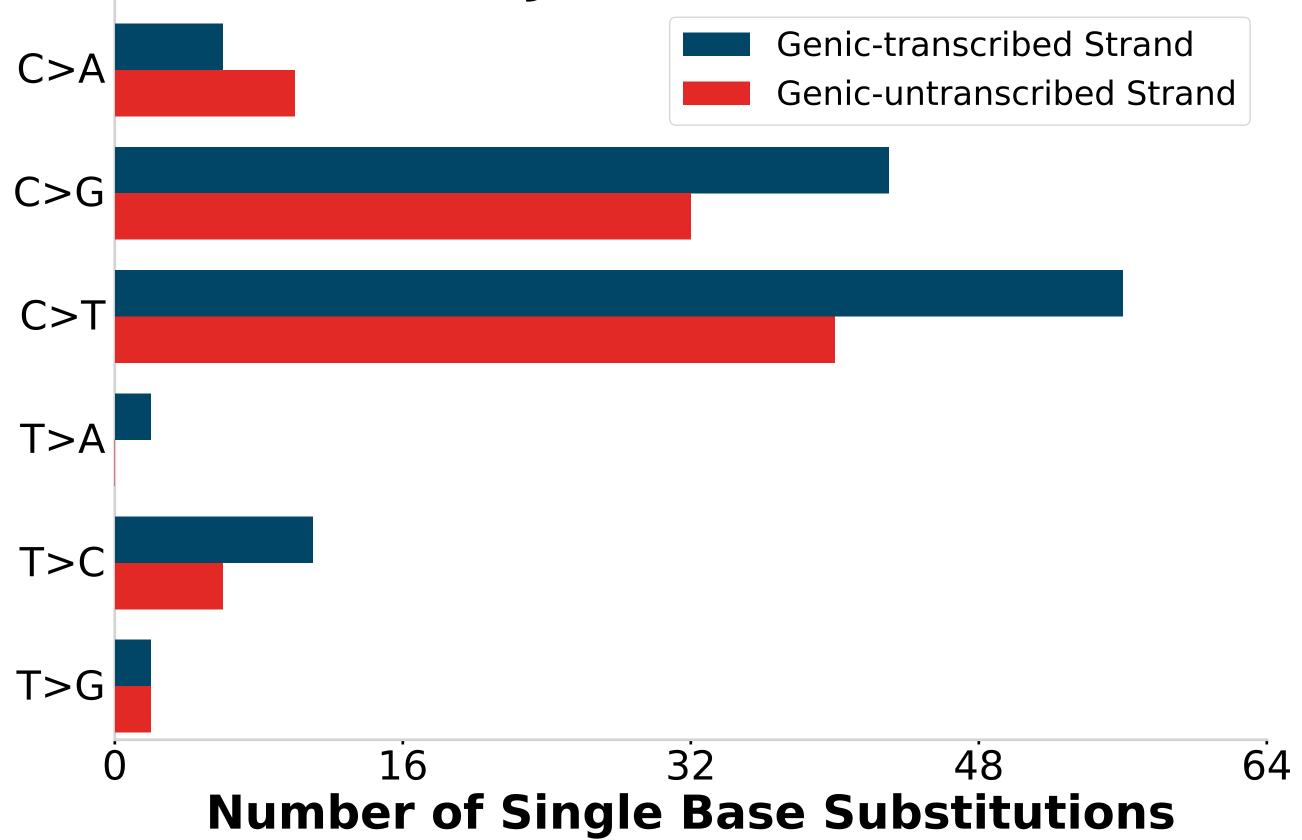
#### TCGA-CU-A0YO-01A-11D-A10S-08: 84 tran



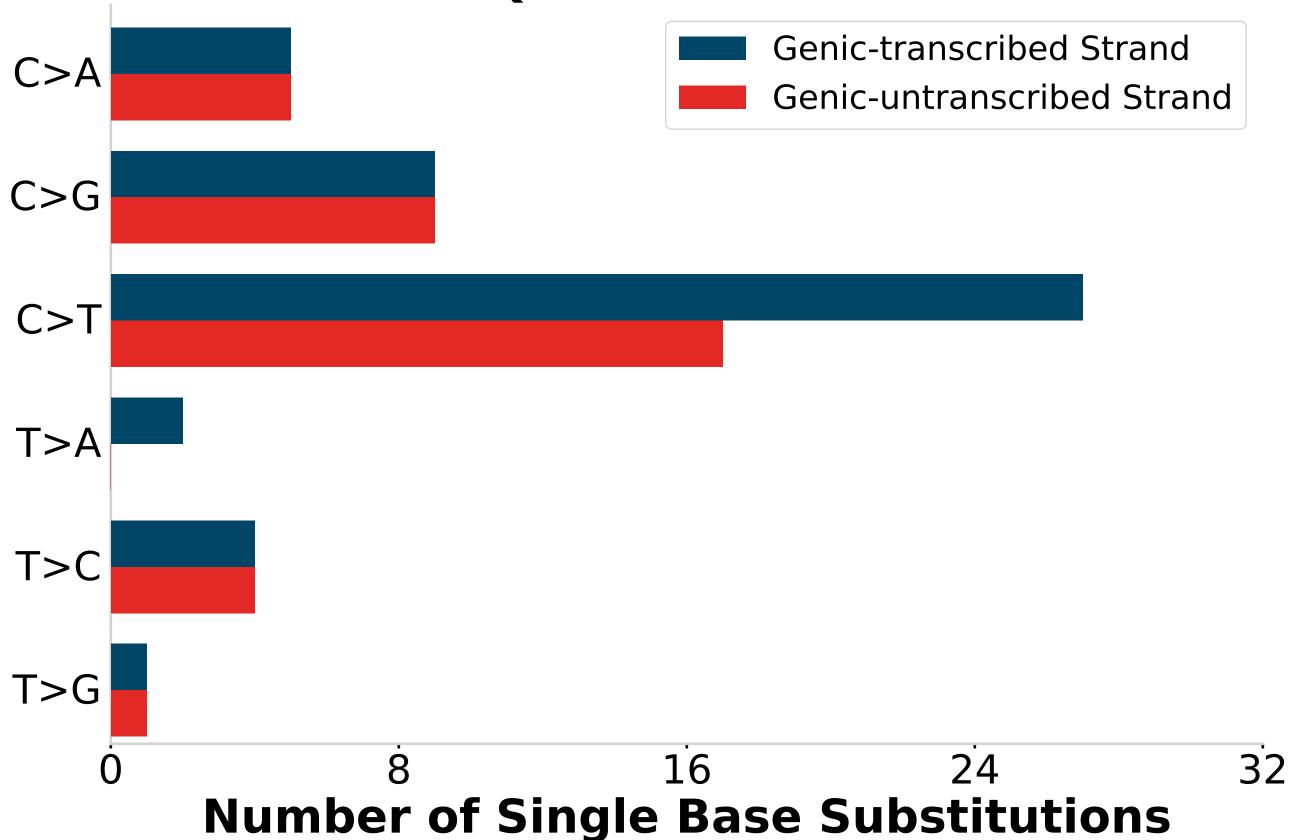
#### TCGA-CU-A0YR-01A-12D-A10S-08: 124 tra



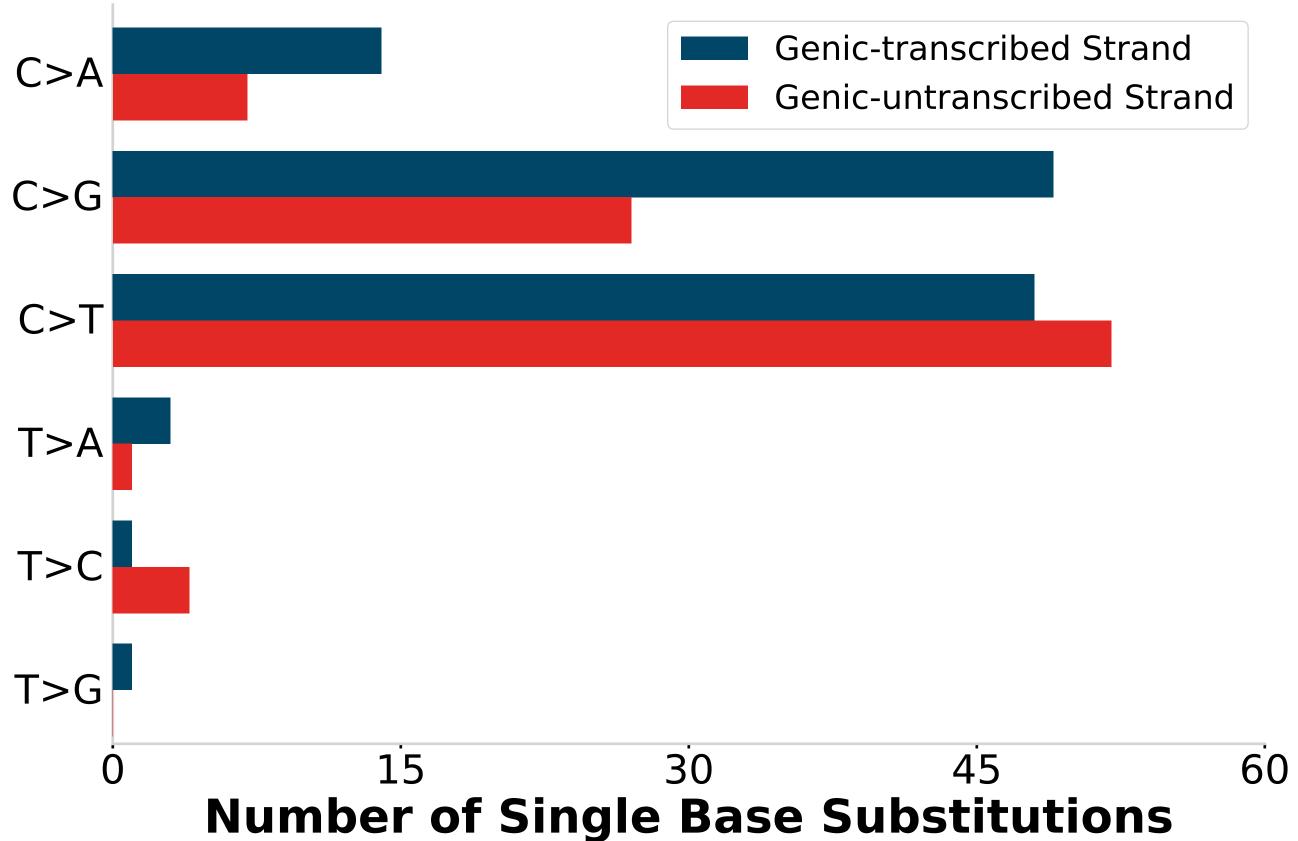
# TCGA-CU-A3KJ-01A-11D-A21A-08: 210 trar



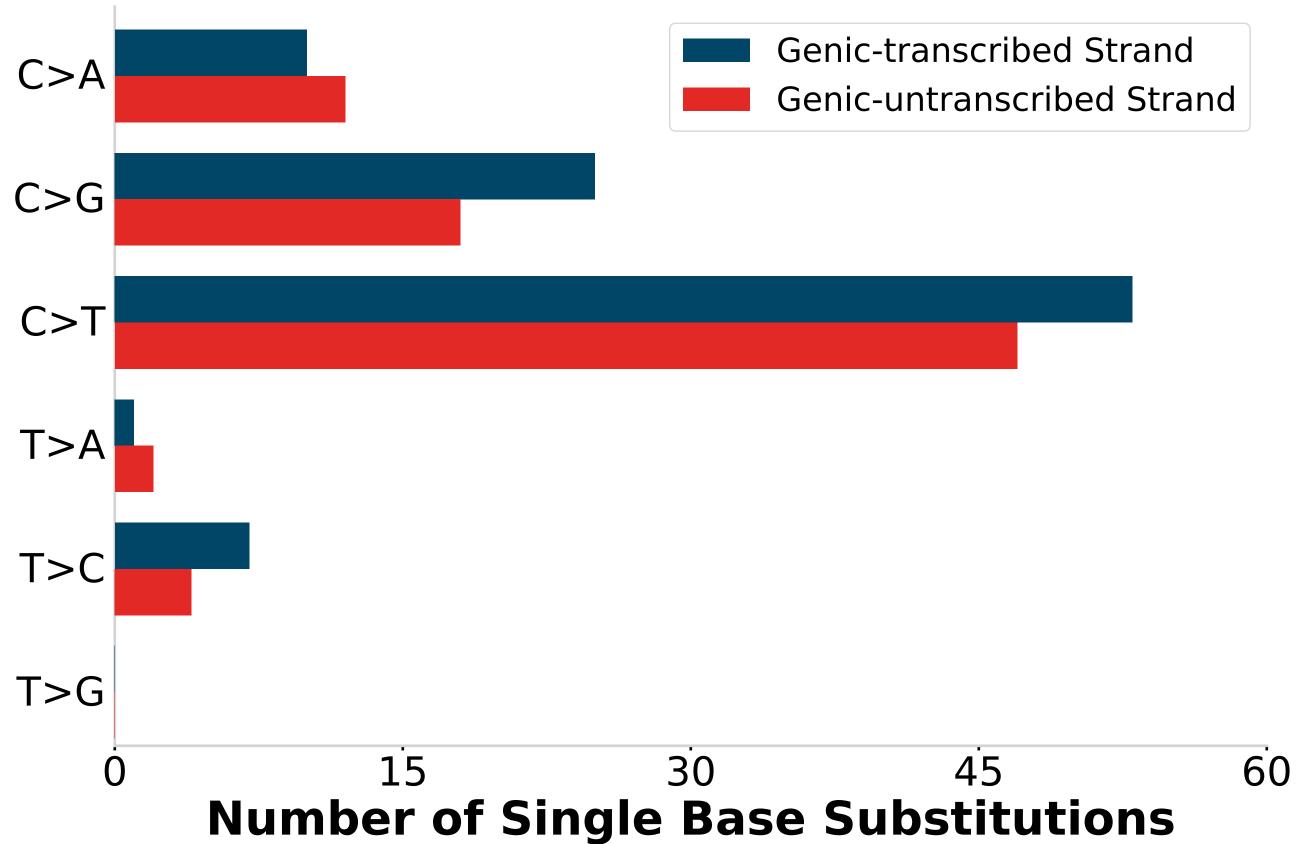
## TCGA-CU-A3QU-01A-11D-A22Z-08: 84 tran



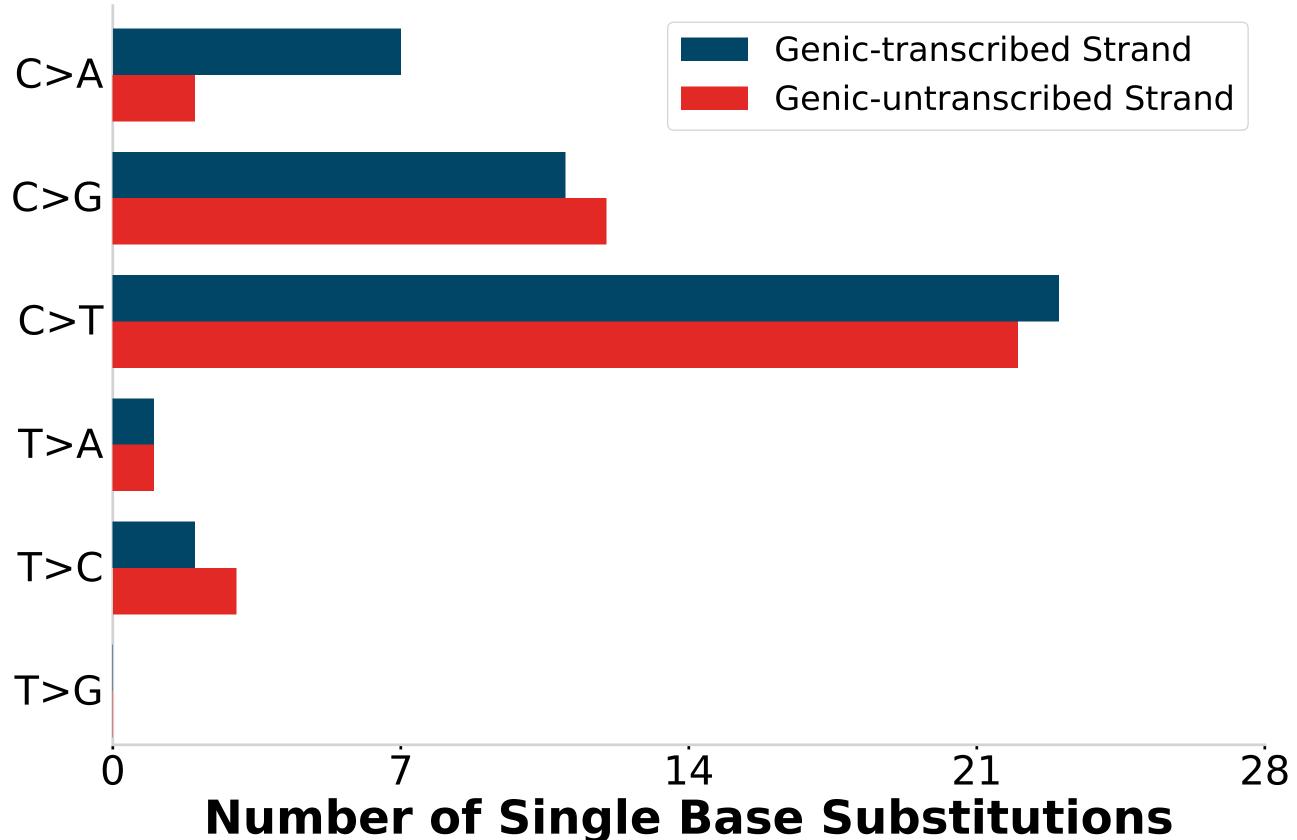
## TCGA-CU-A3YL-01A-11D-A22Z-08: 207 trail



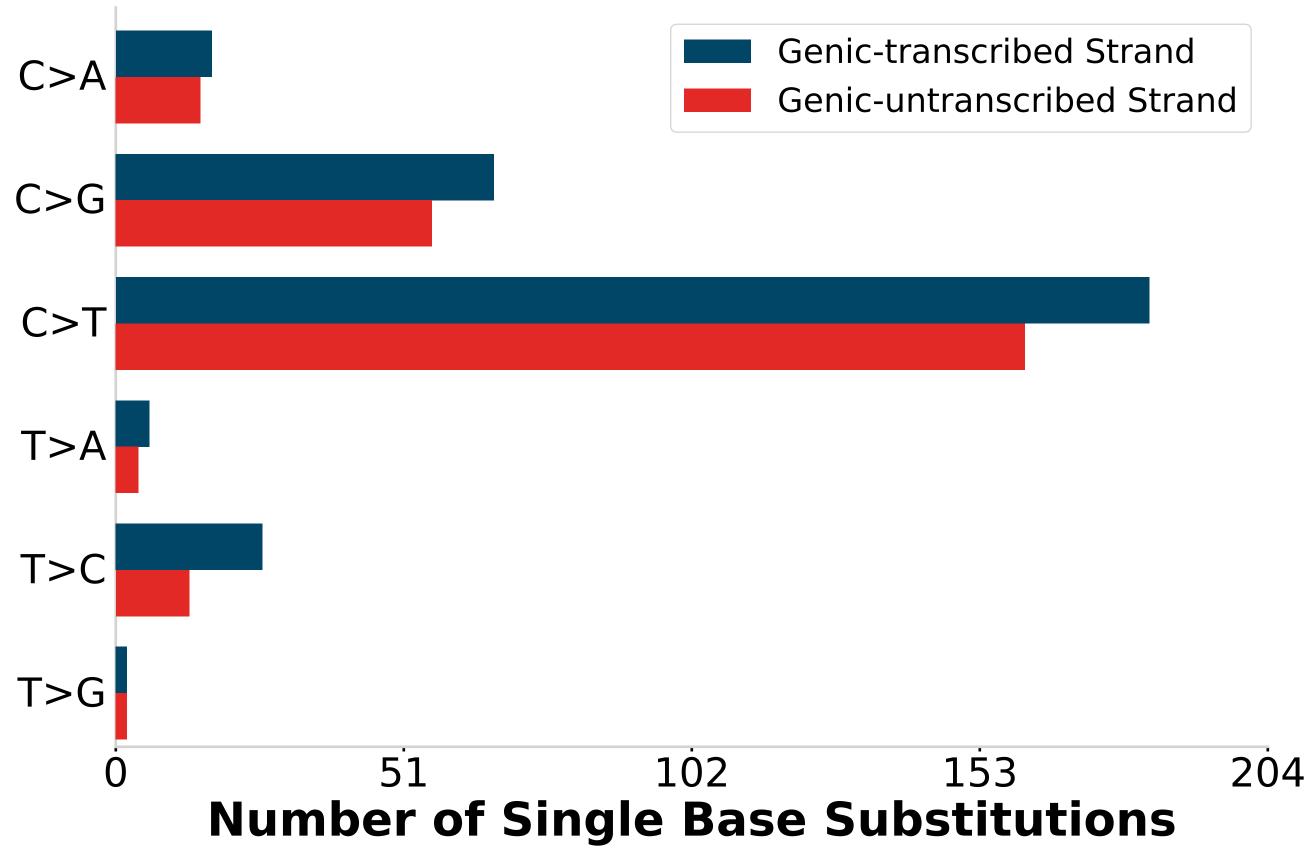
#### TCGA-CU-A5W6-01A-11D-A289-08: 179 tra



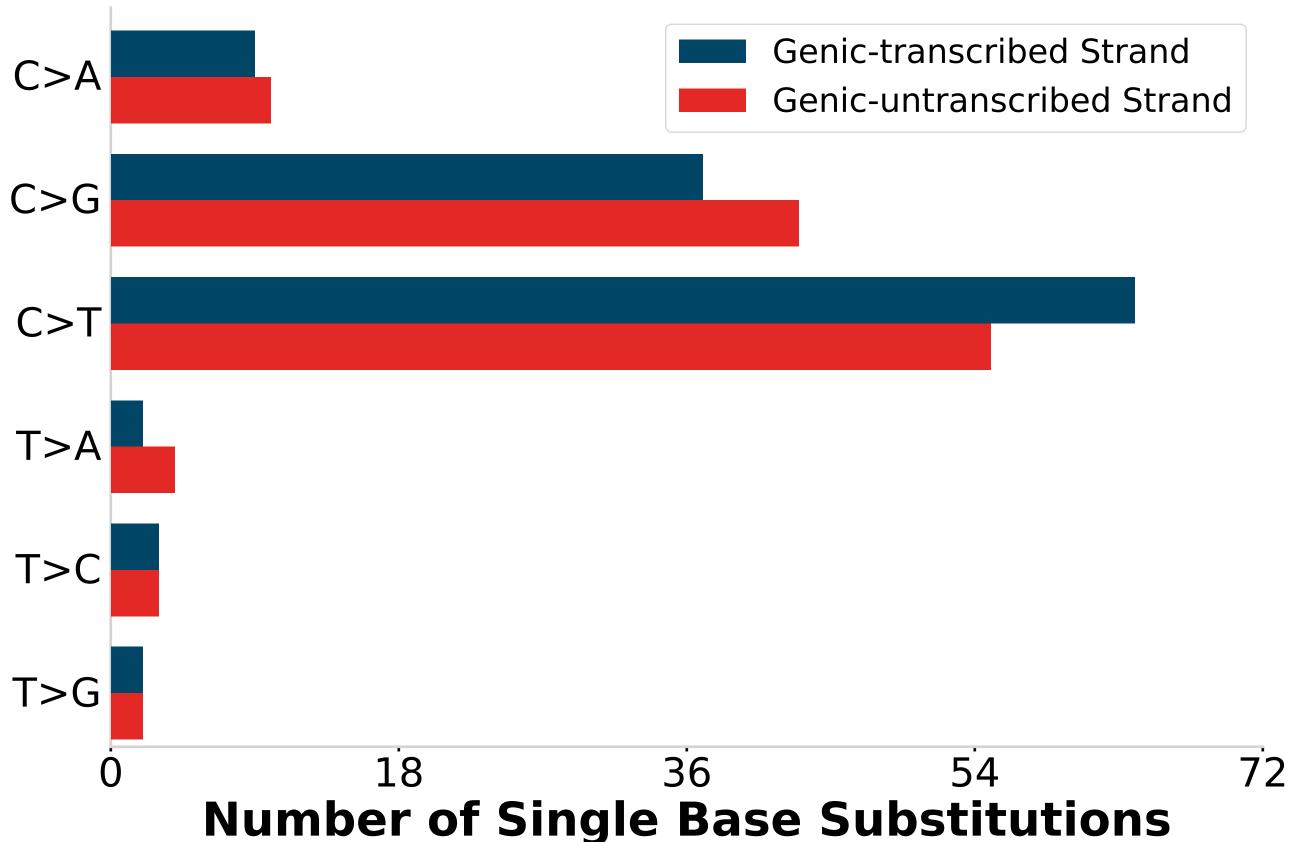
#### TCGA-CU-A72E-01A-12D-A339-08: 84 trans



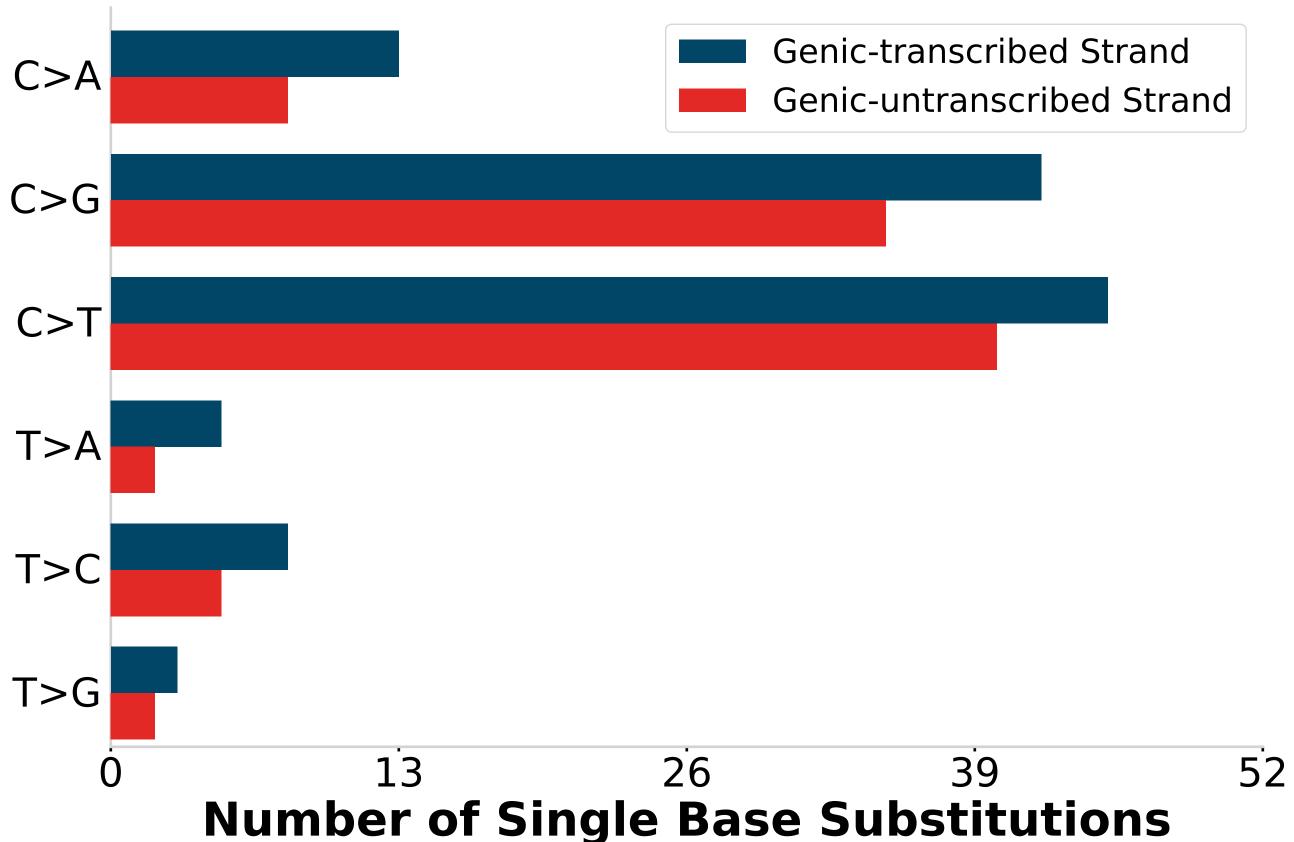
#### TCGA-DK-A1A3-01A-11D-A13W-08: 552 tra



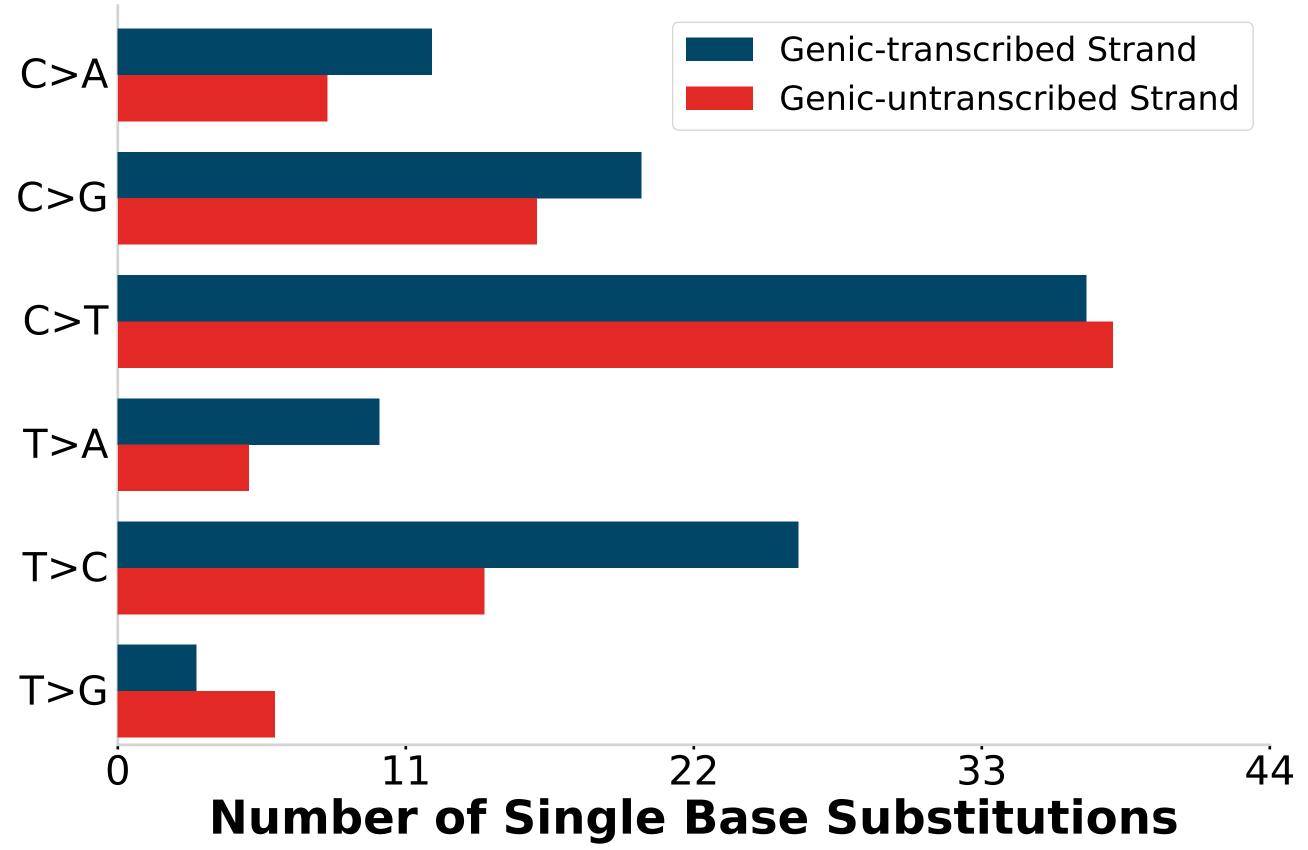
#### TCGA-DK-A1A5-01A-11D-A13W-08: 234 tra



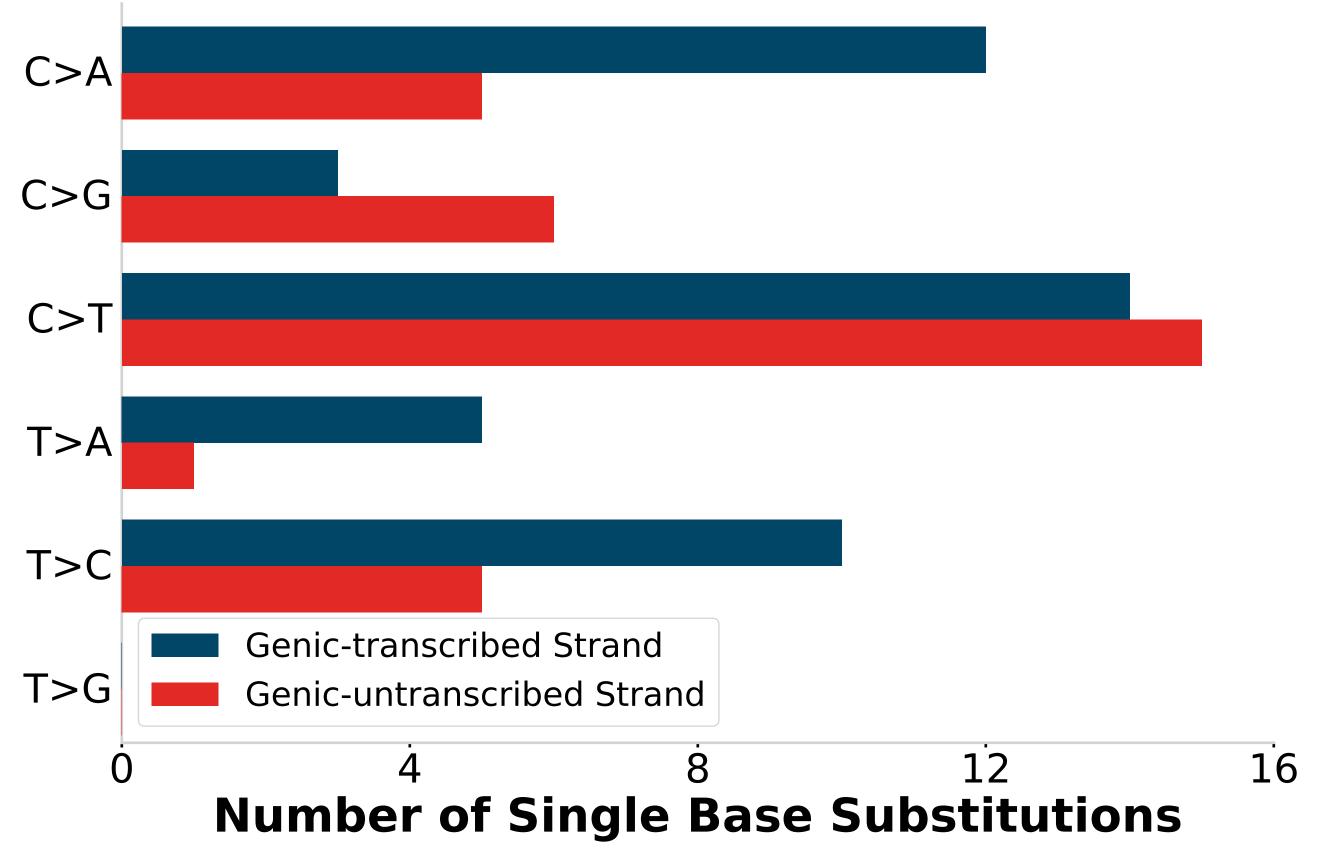
#### TCGA-DK-A1A6-01A-11D-A13W-08: 208 tra



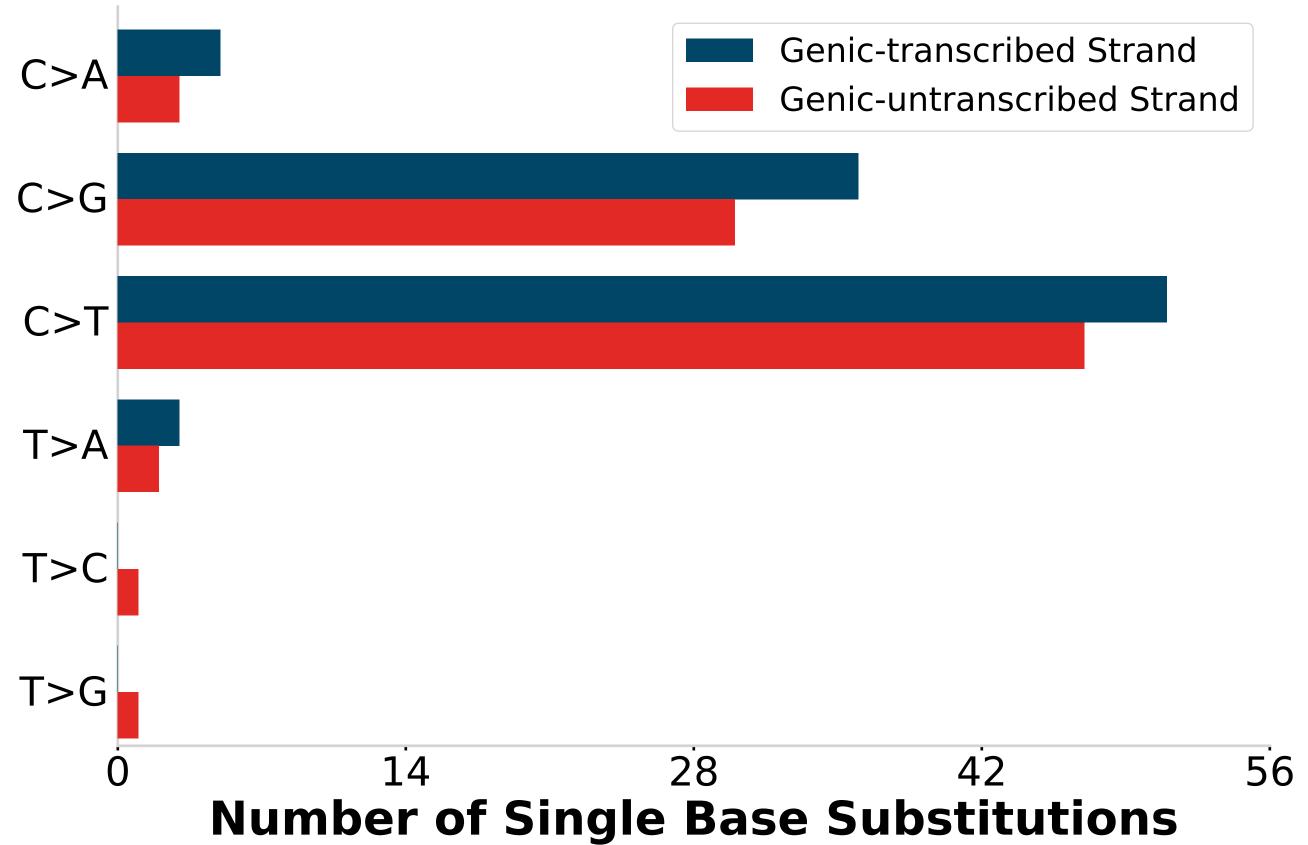
#### TCGA-DK-A1A7-01A-11D-A13W-08: 195 tra



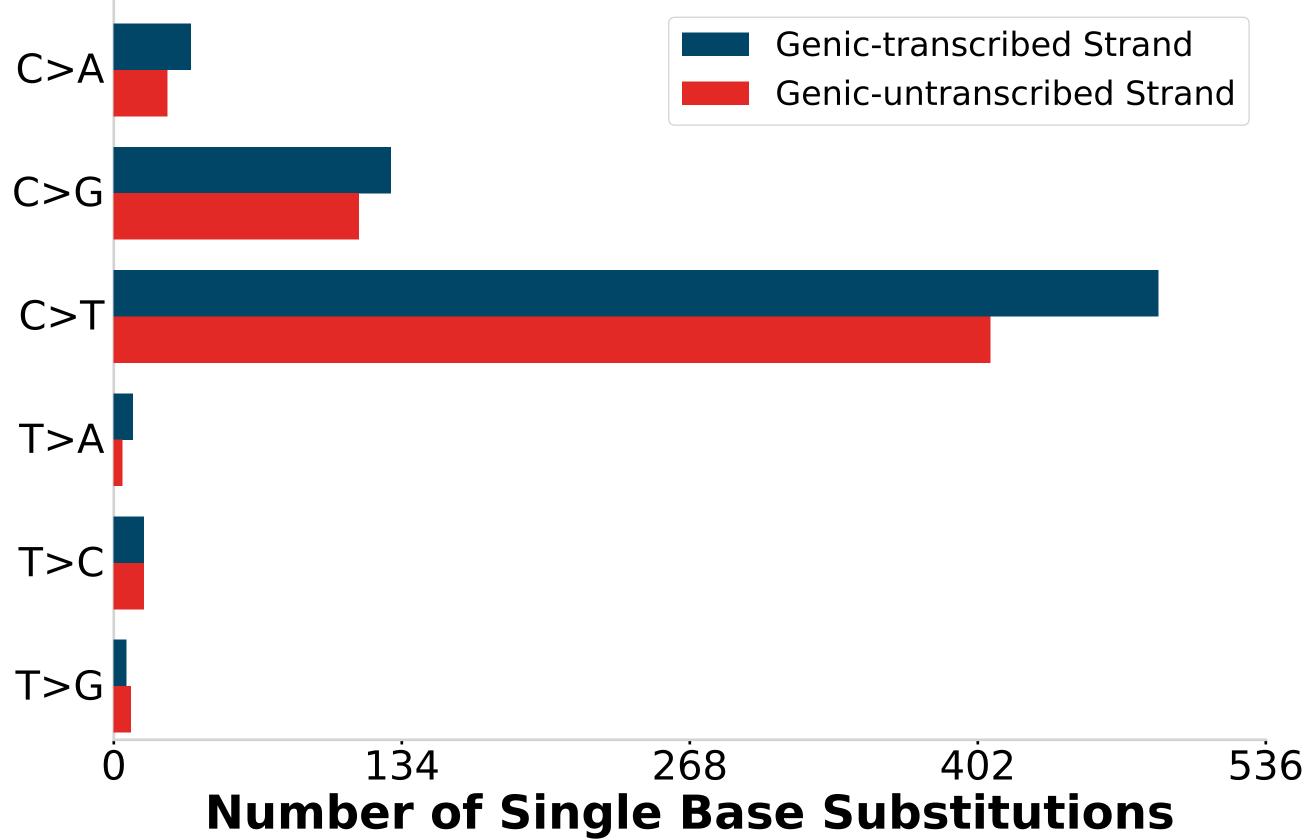
#### TCGA-DK-A1AA-01A-11D-A13W-08: 76 trar



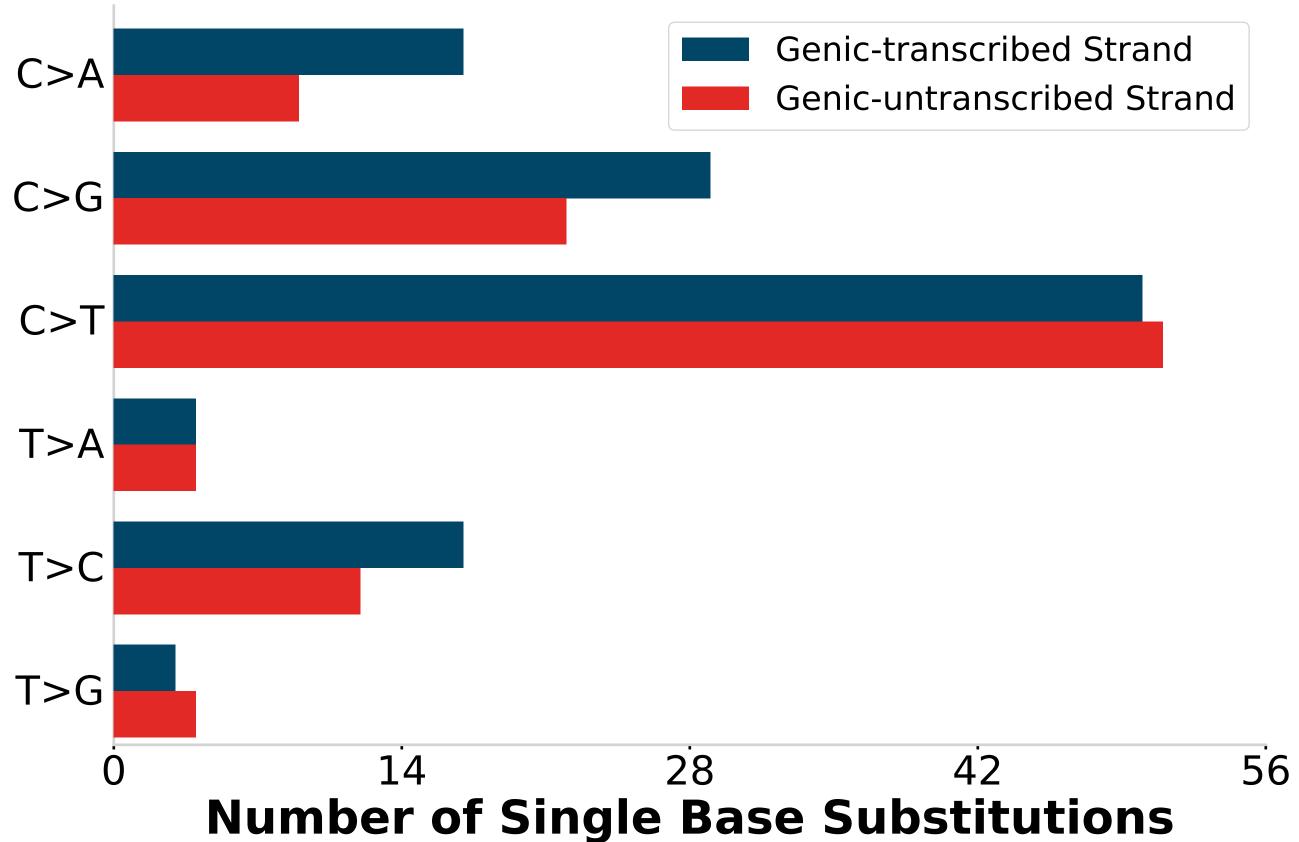
#### TCGA-DK-A1AB-01A-11D-A13W-08: 179 tra



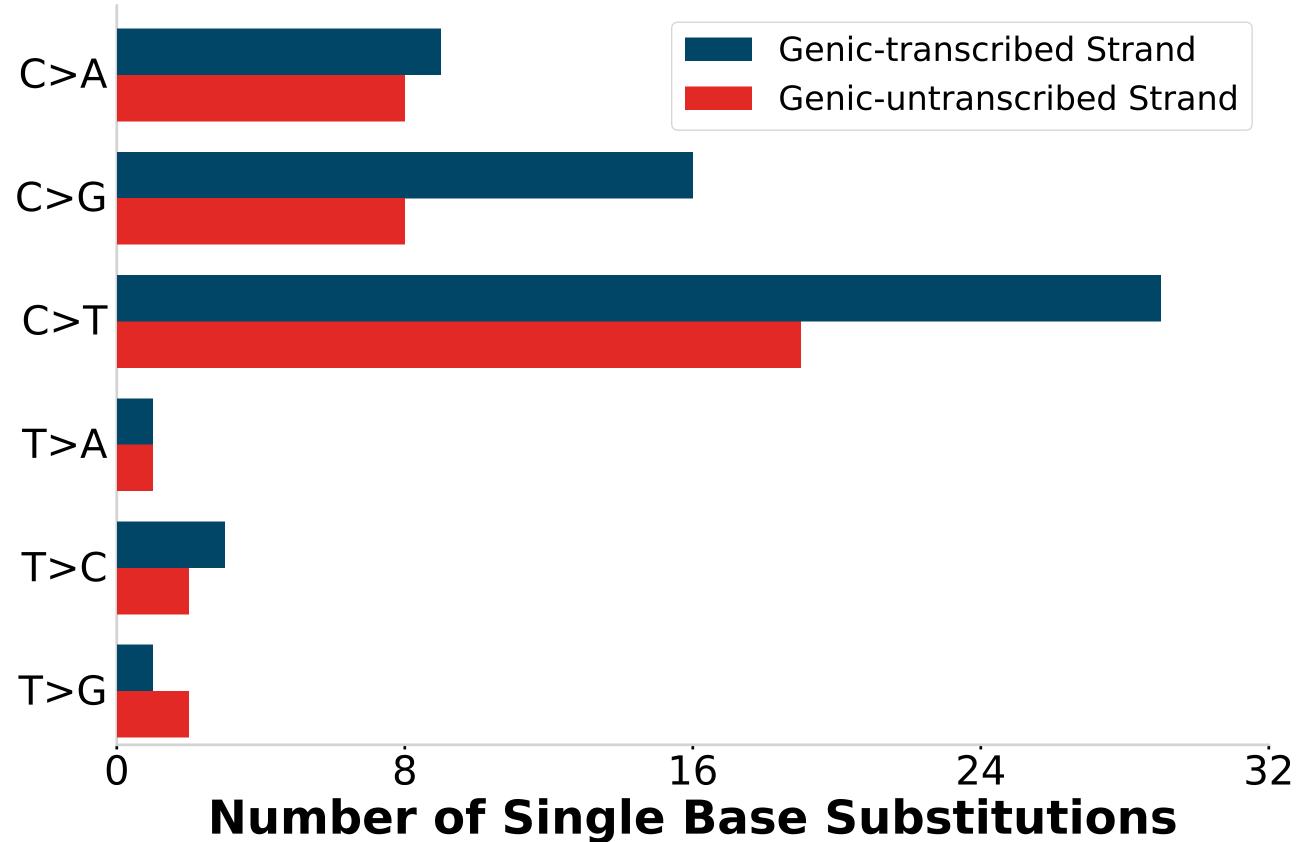
# TCGA-DK-A1AC-01A-11D-A13W-08: 1,253 t



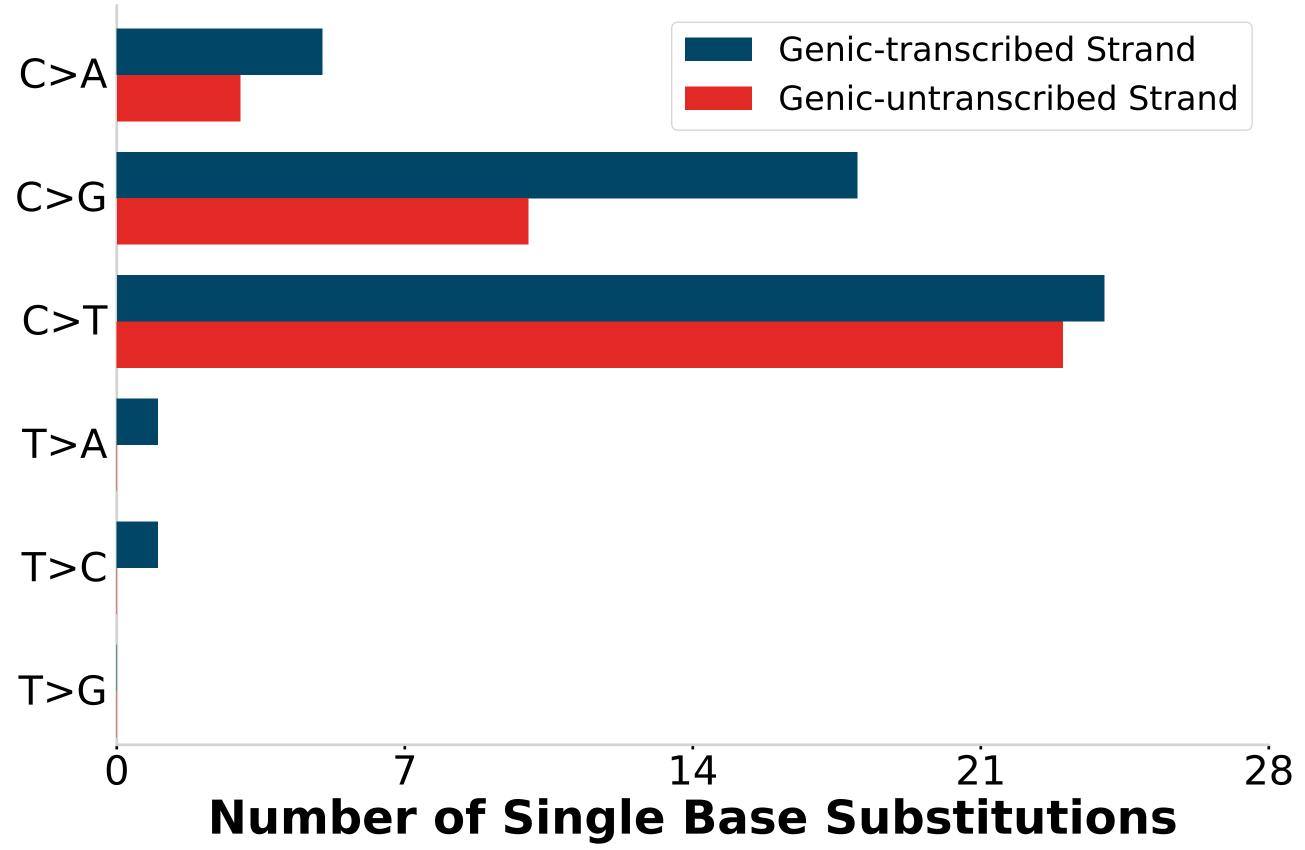
#### TCGA-DK-A1AD-01A-11D-A13W-08: 222 tra



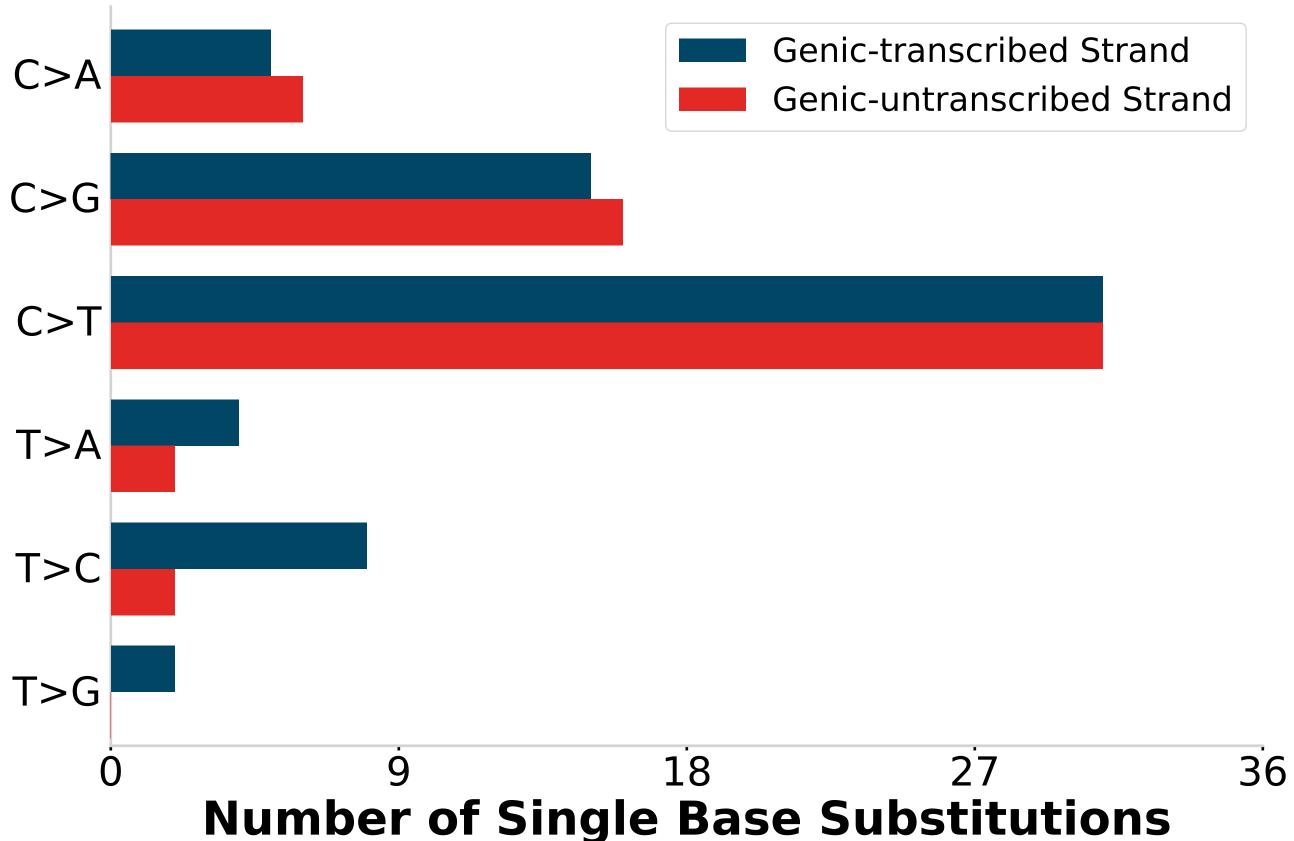
#### TCGA-DK-A1AE-01A-11D-A13W-08: 99 tran



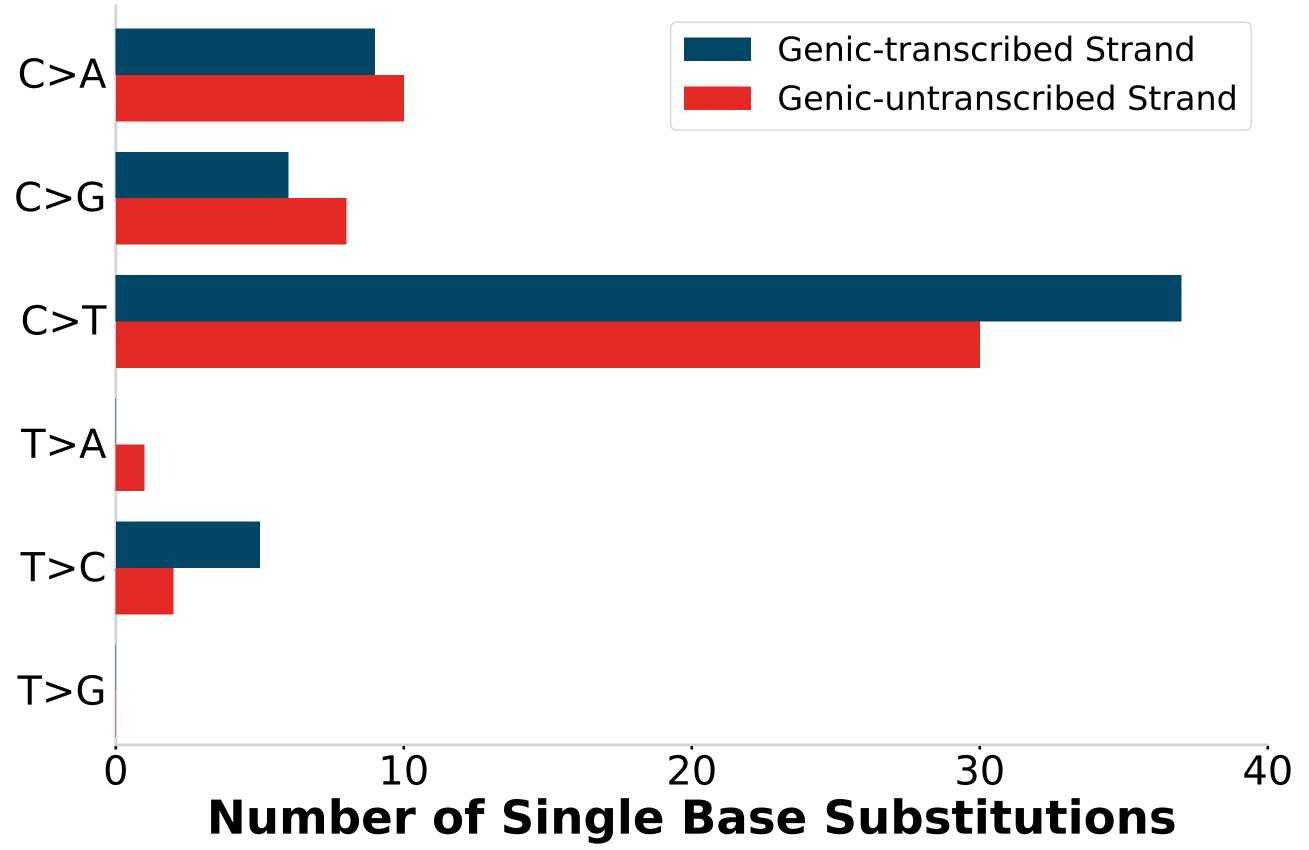
#### TCGA-DK-A1AF-01A-11D-A13W-08: 85 tran



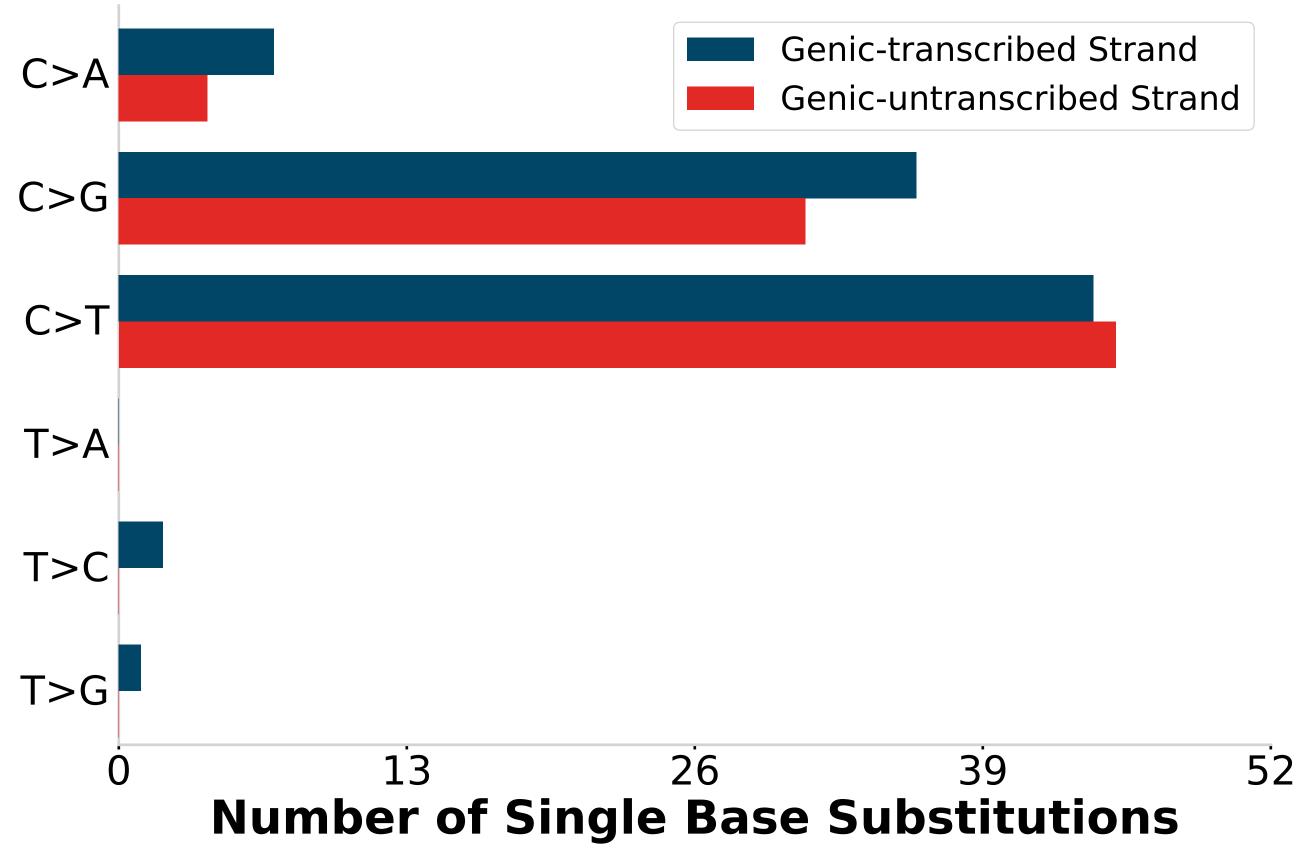
#### TCGA-DK-A1AG-01A-11D-A13W-08: 122 tra



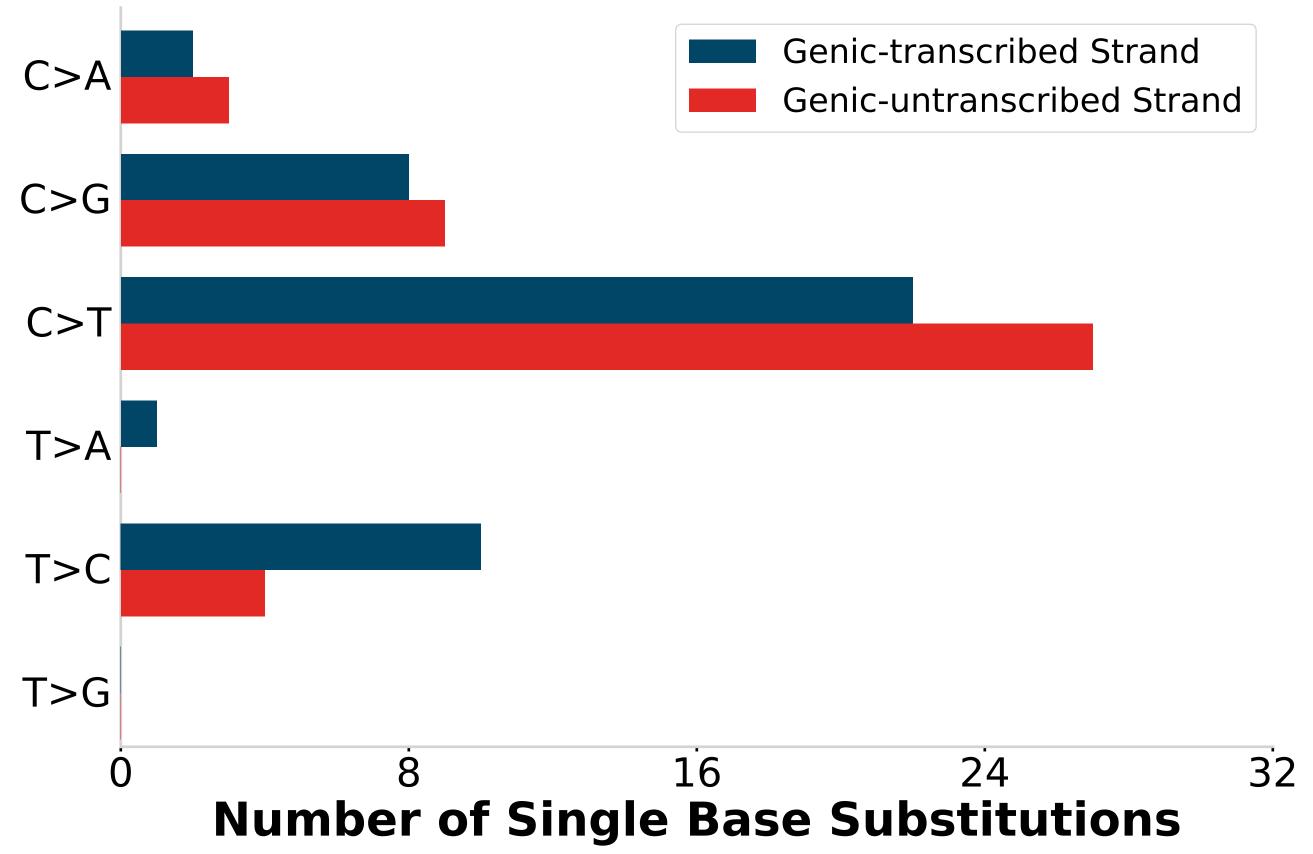
#### TCGA-DK-A2HX-01A-12D-A18F-08: 108 trail



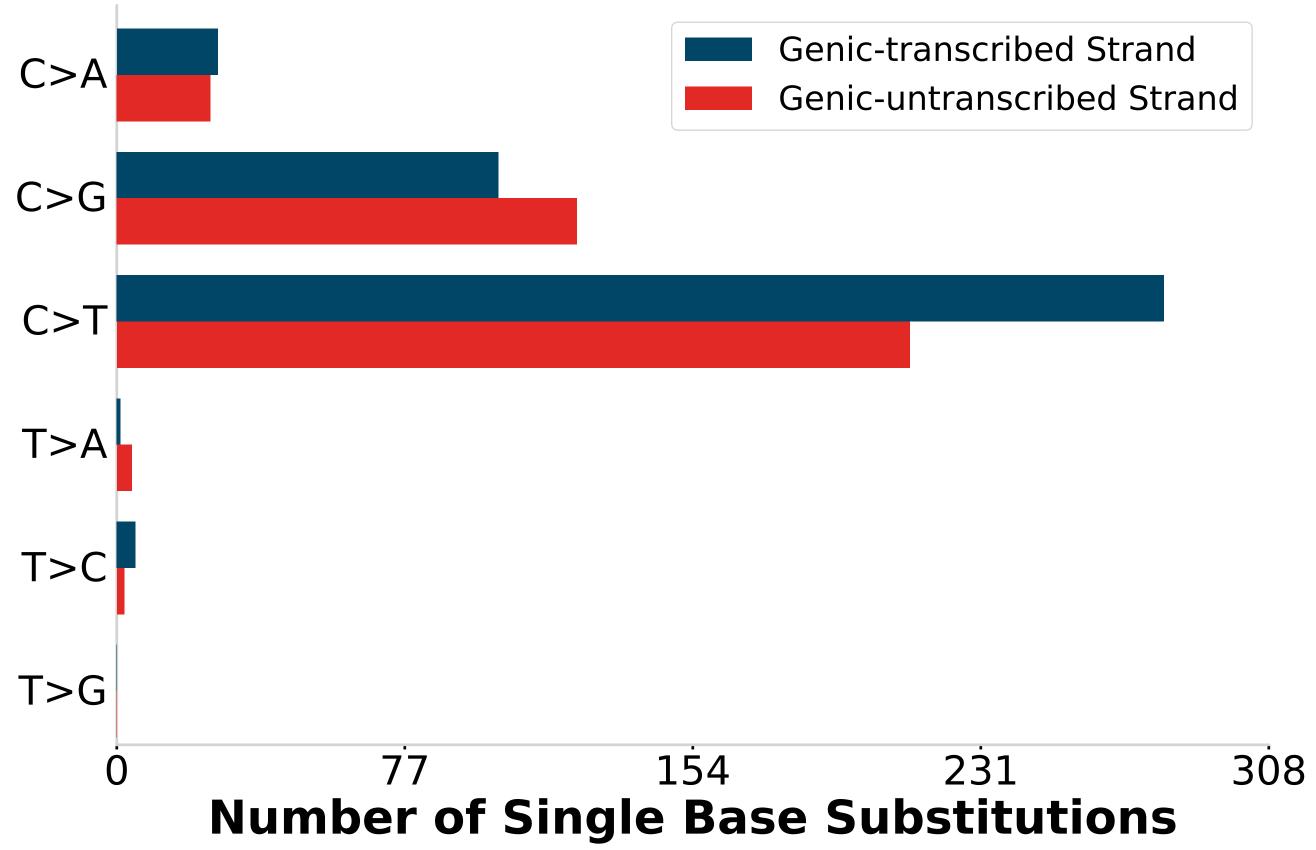
#### TCGA-DK-A2I1-01A-11D-A17V-08: 170 tran



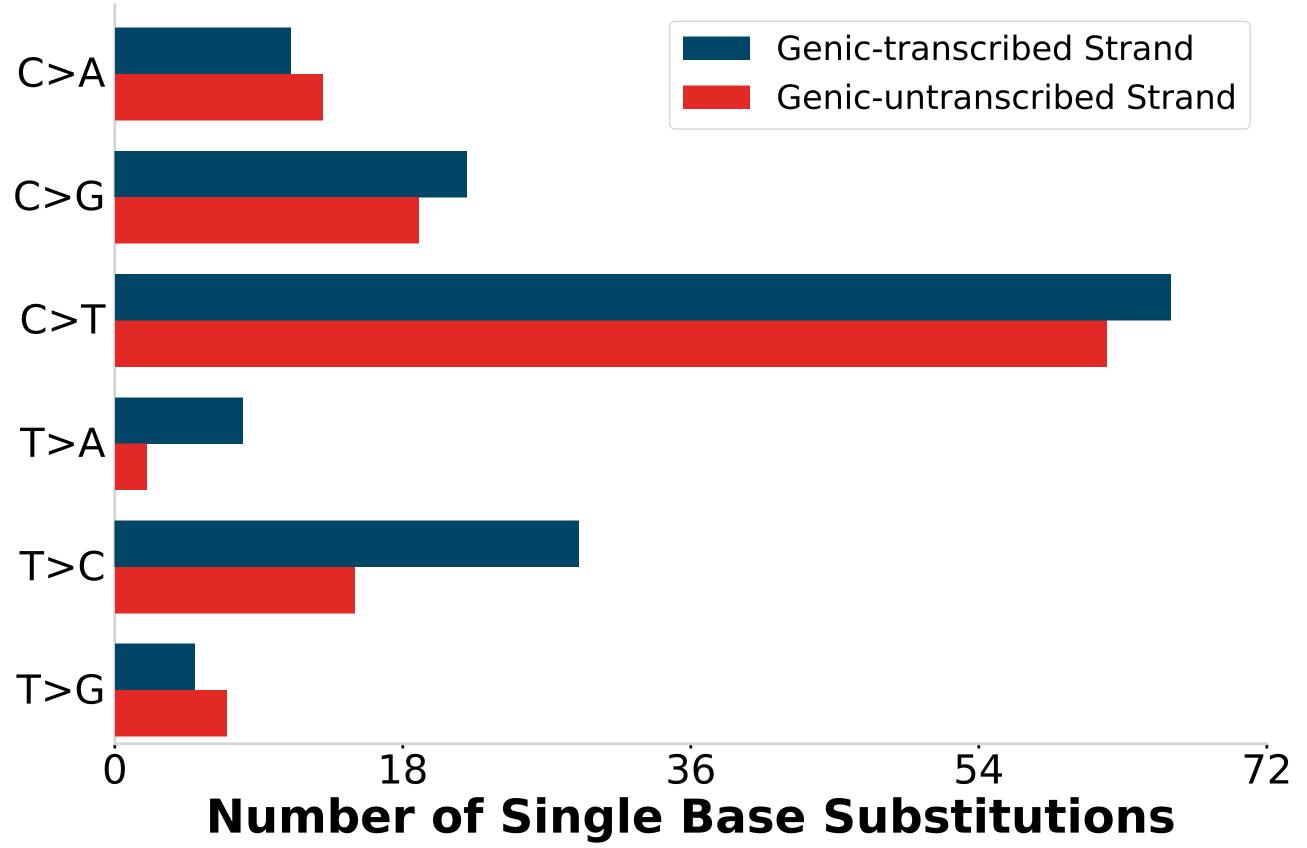
#### TCGA-DK-A2I2-01A-11D-A17V-08: 86 trans



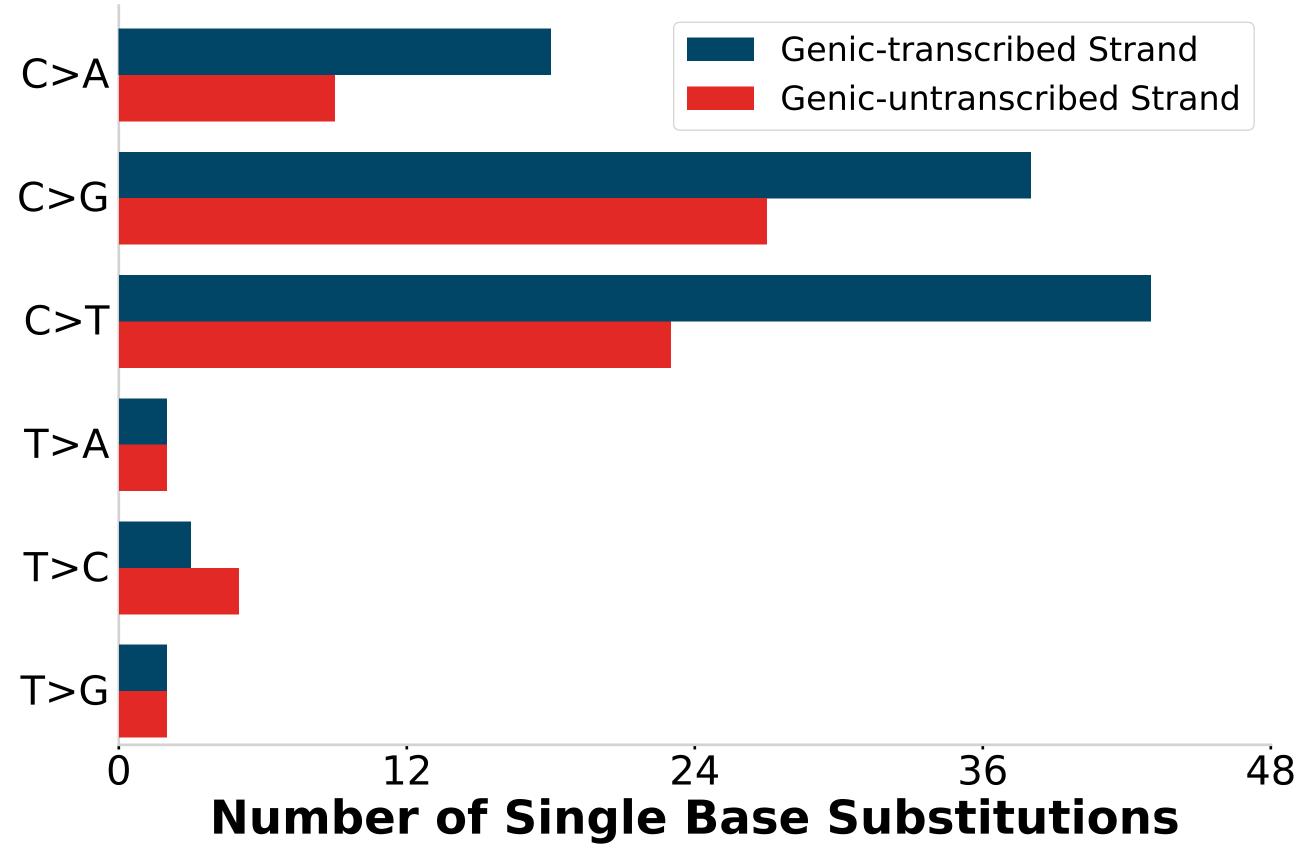
#### TCGA-DK-A2I4-01A-11D-A21A-08: 781 tran



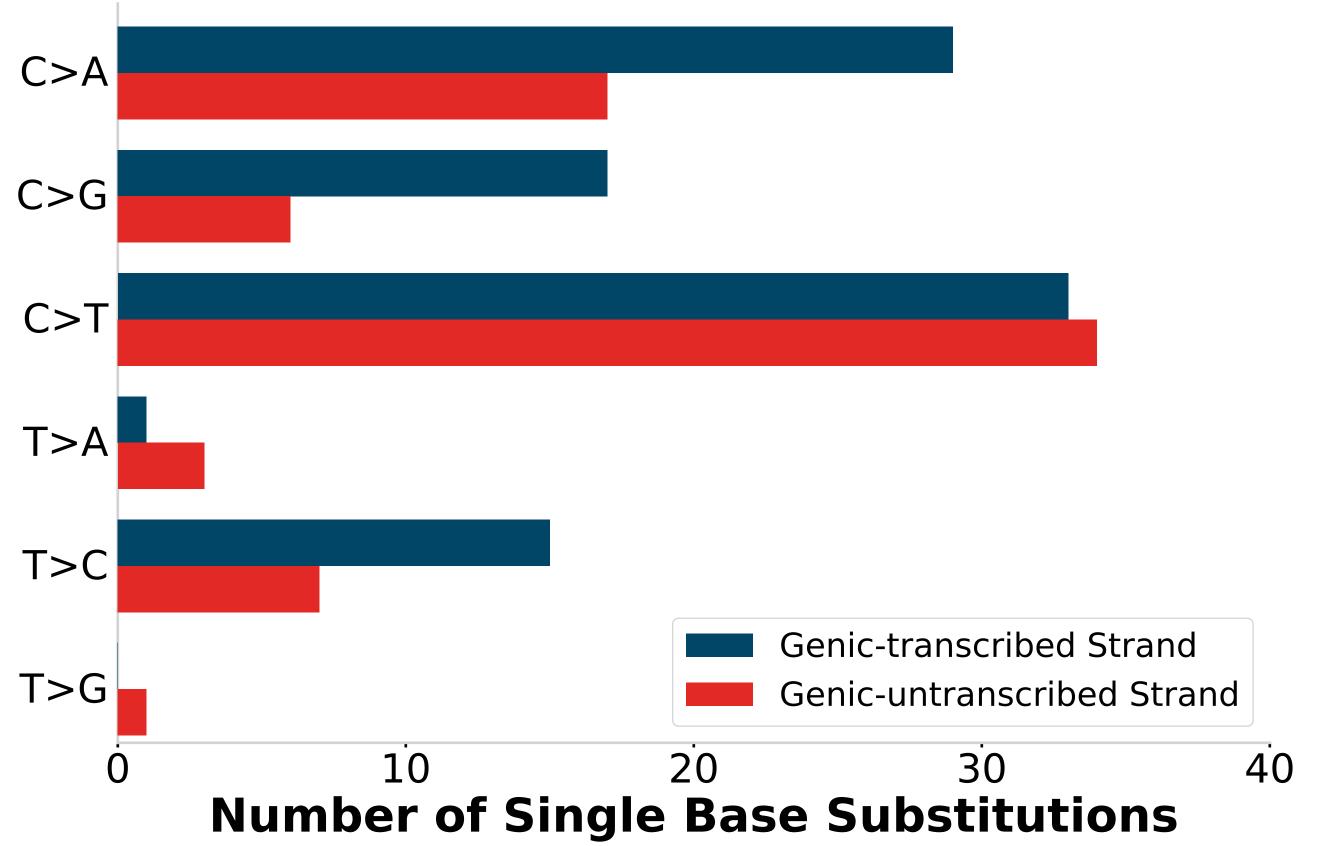
## TCGA-DK-A2I6-01A-12D-A18F-08: 259 tran



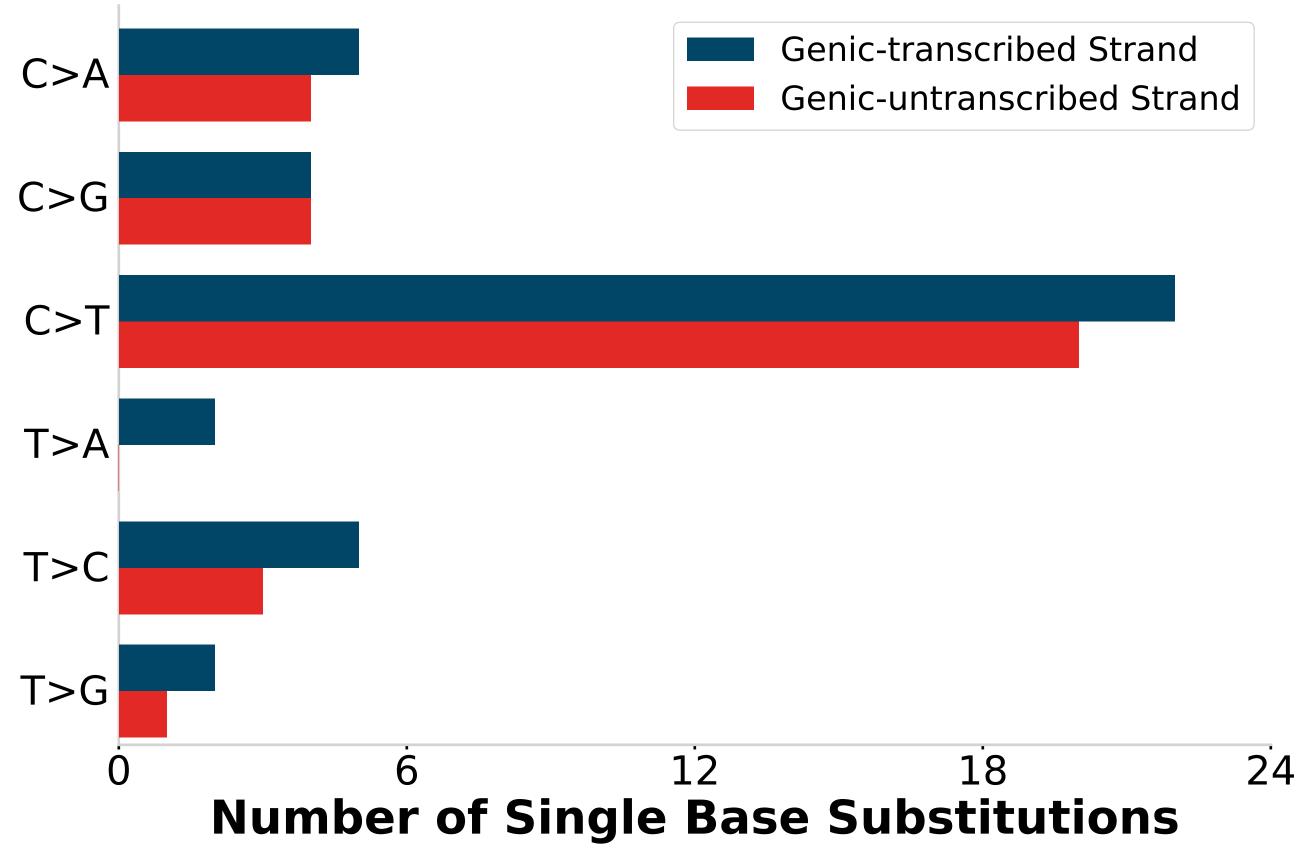
#### TCGA-DK-A3IK-01A-32D-A21A-08: 174 tran



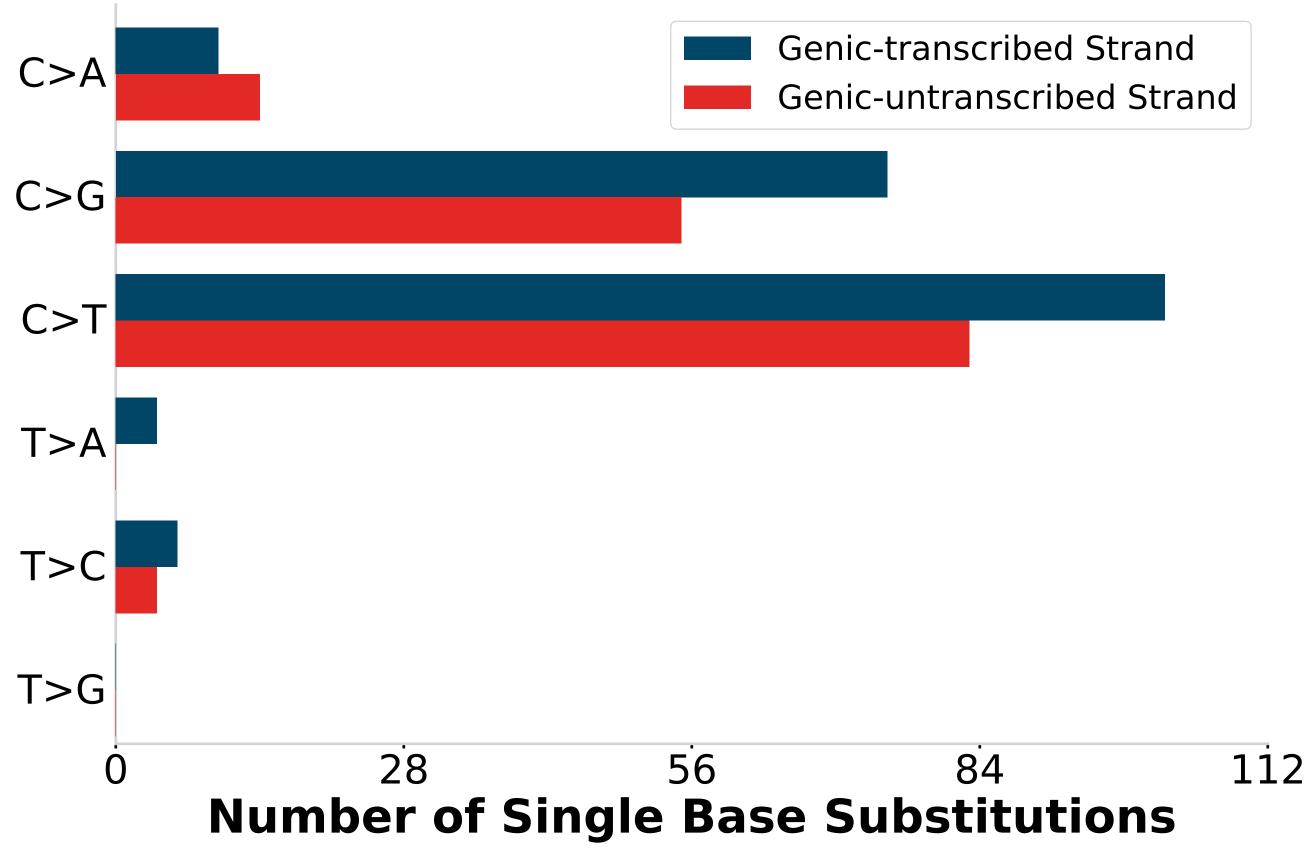
#### TCGA-DK-A3IL-01A-11D-A20D-08: 163 trar



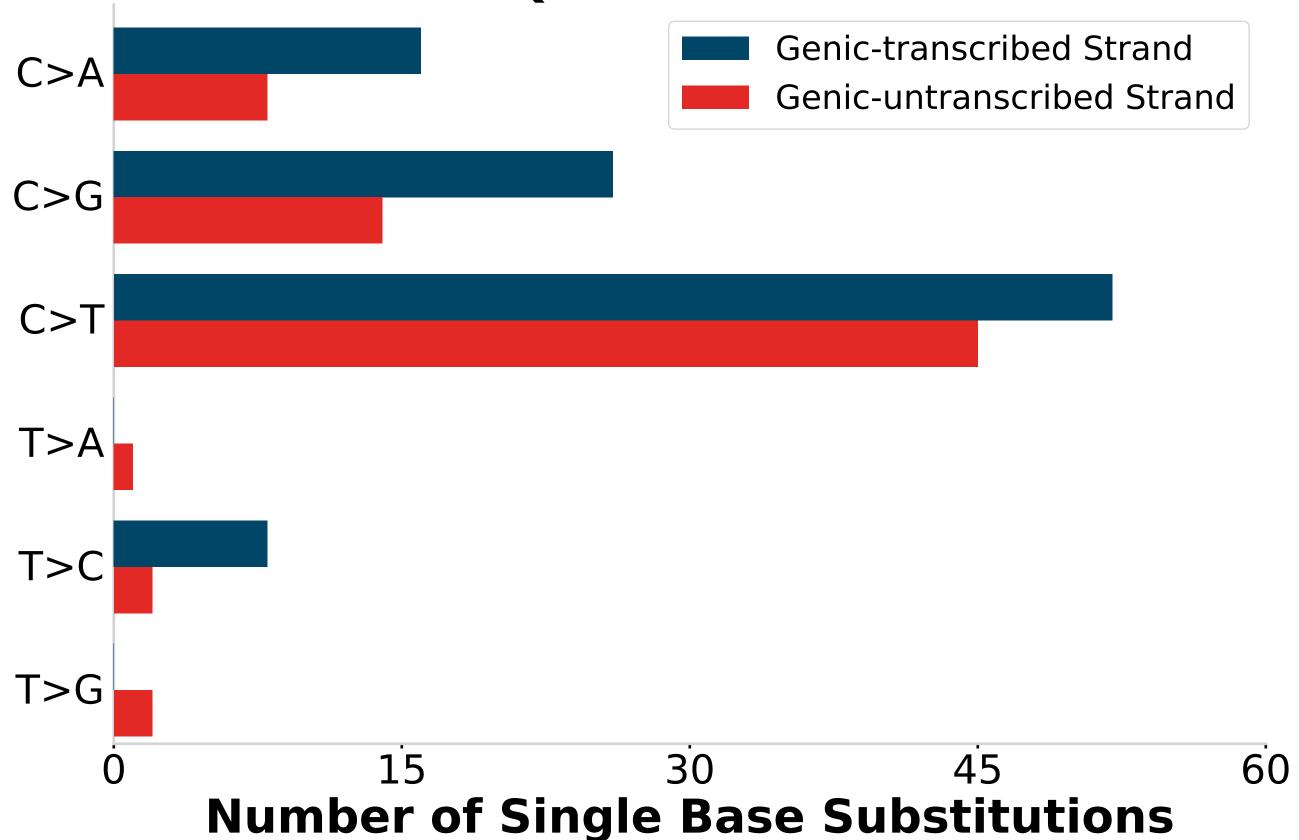
#### TCGA-DK-A3IM-01A-11D-A20D-08: 72 trans



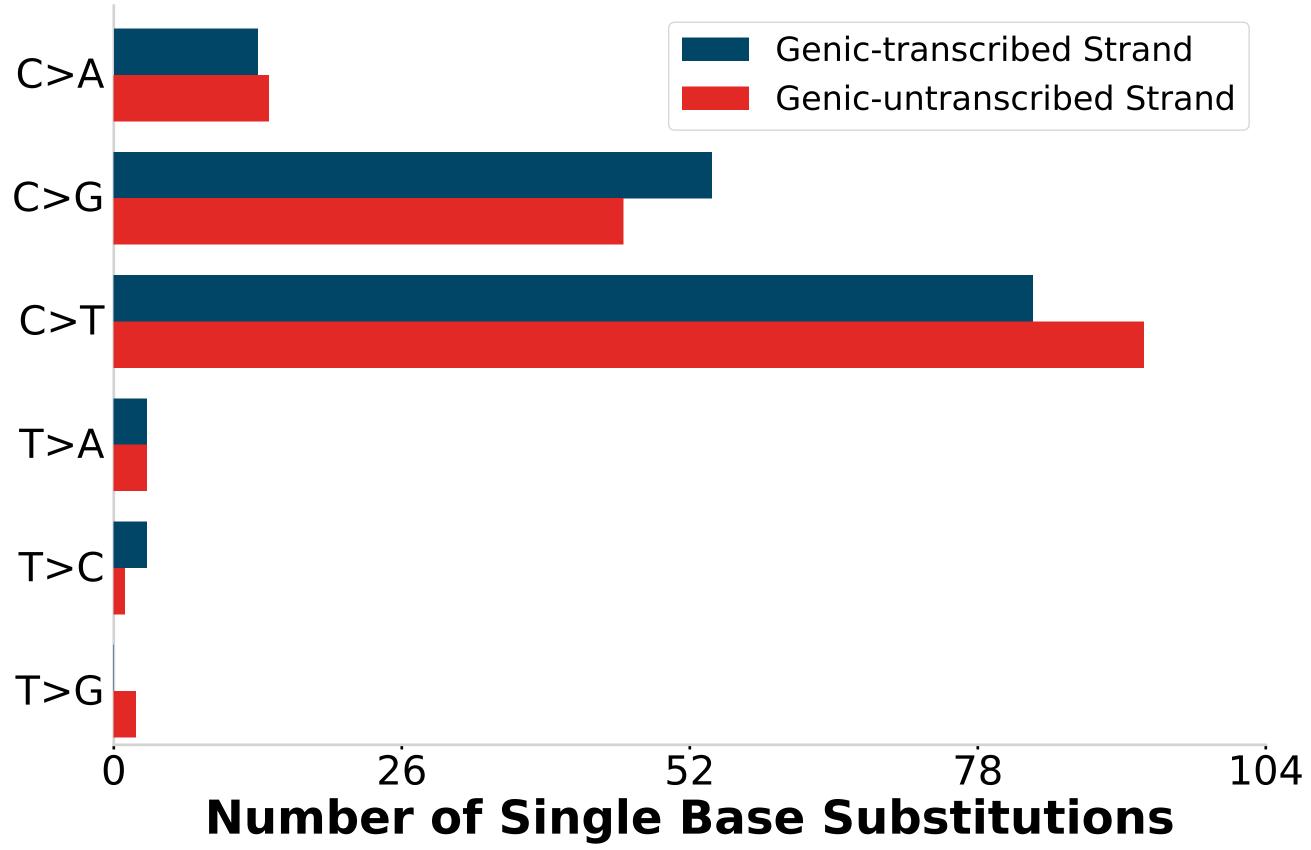
## TCGA-DK-A3IN-01A-11D-A20D-08: 353 trai



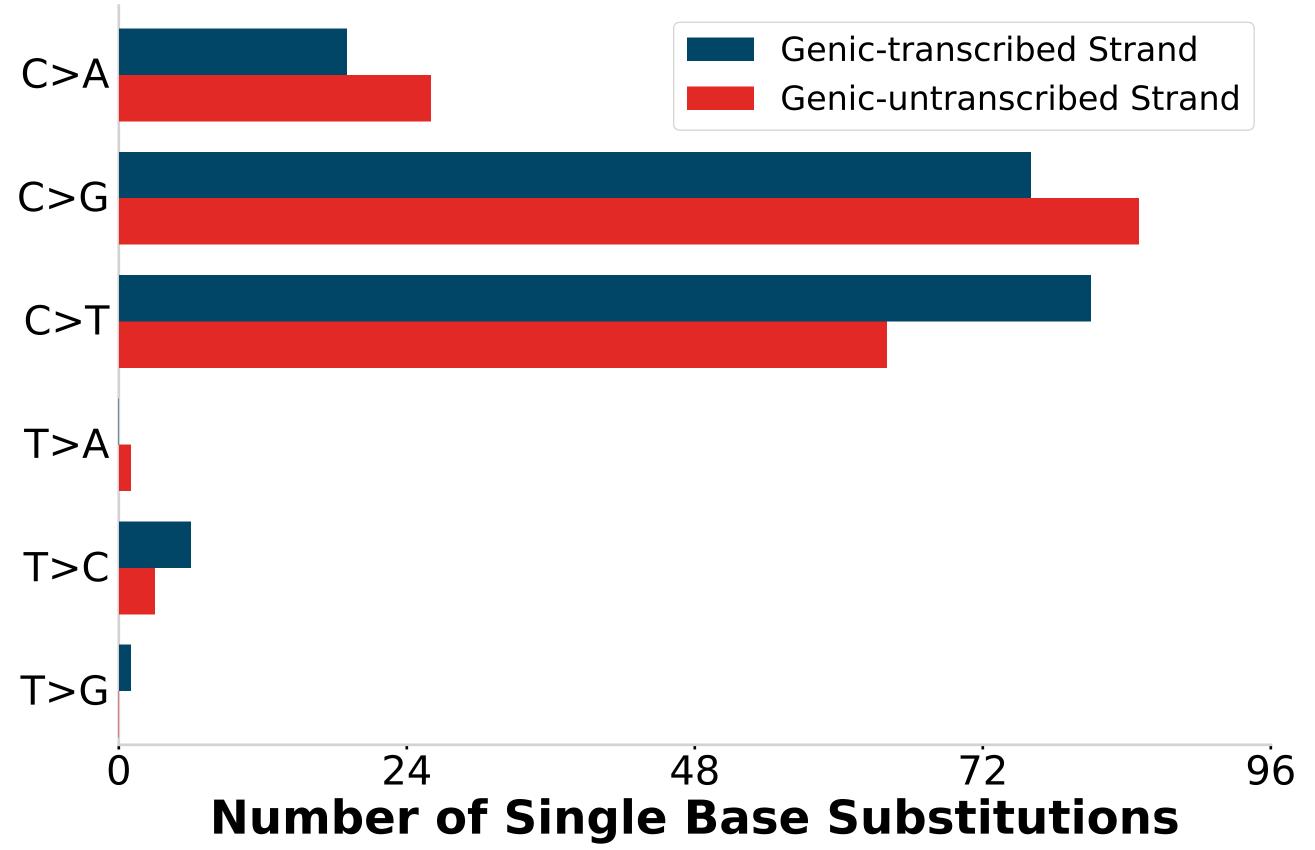
## TCGA-DK-A3IQ-01A-31D-A20D-08: 174 trai



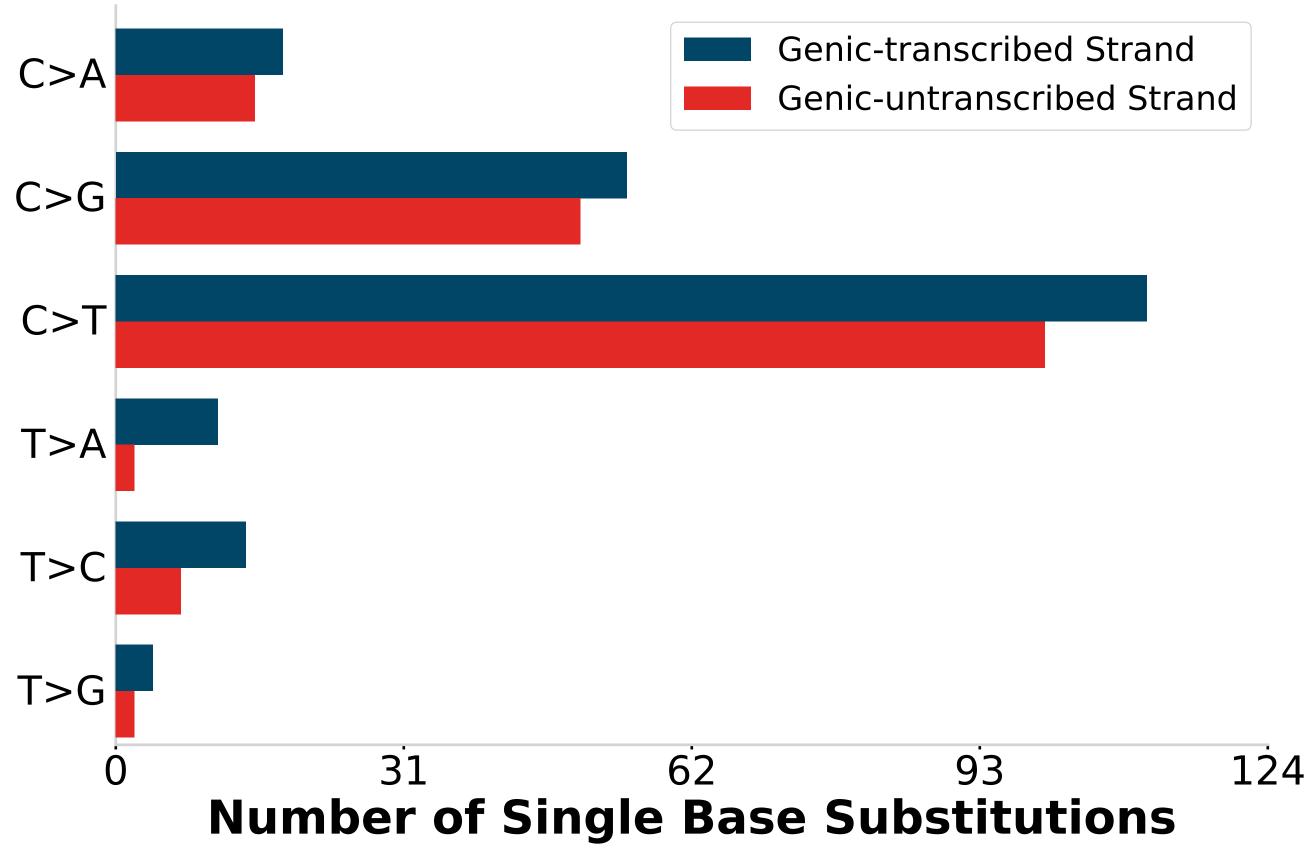
## TCGA-DK-A3IS-01A-21D-A21A-08: 315 tran



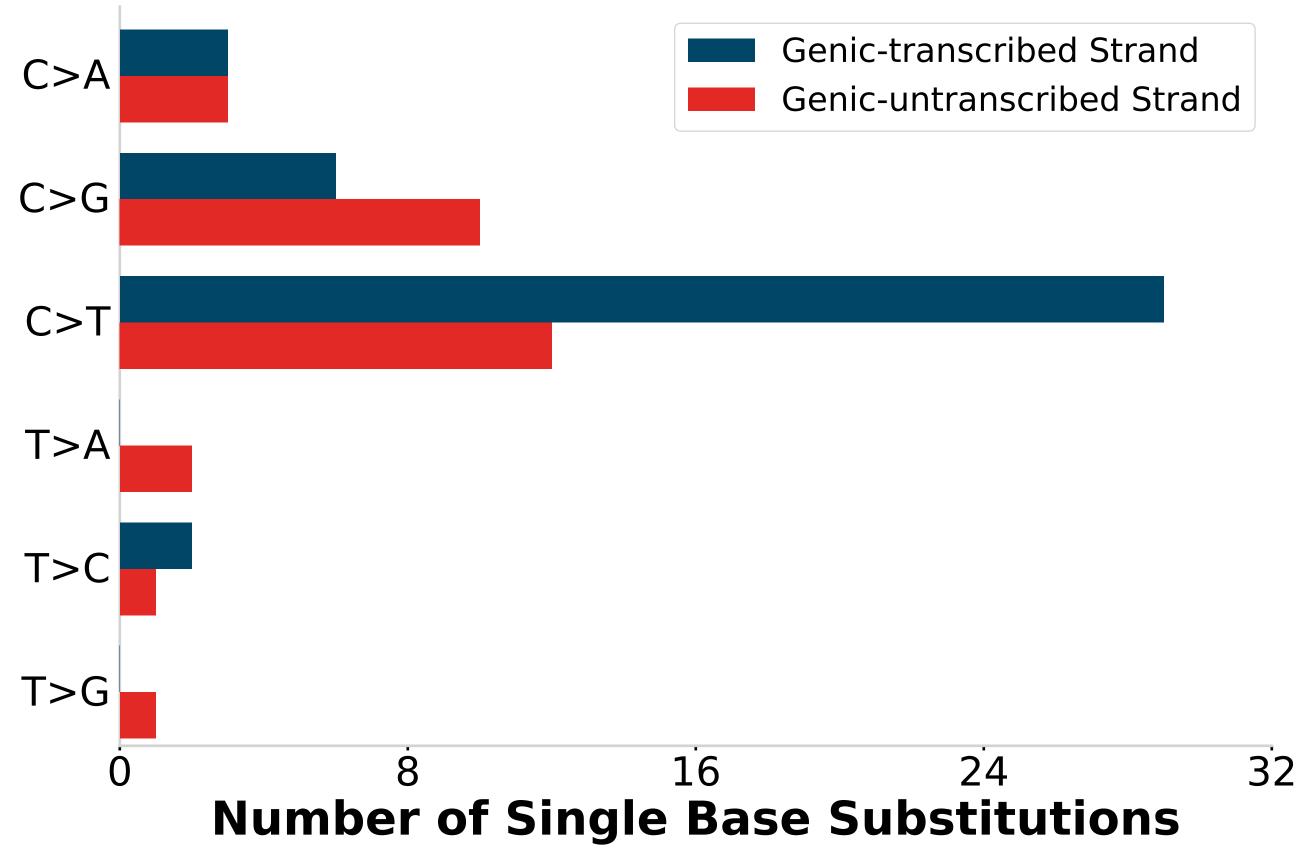
## TCGA-DK-A3IT-01A-31D-A20D-08: 362 tran



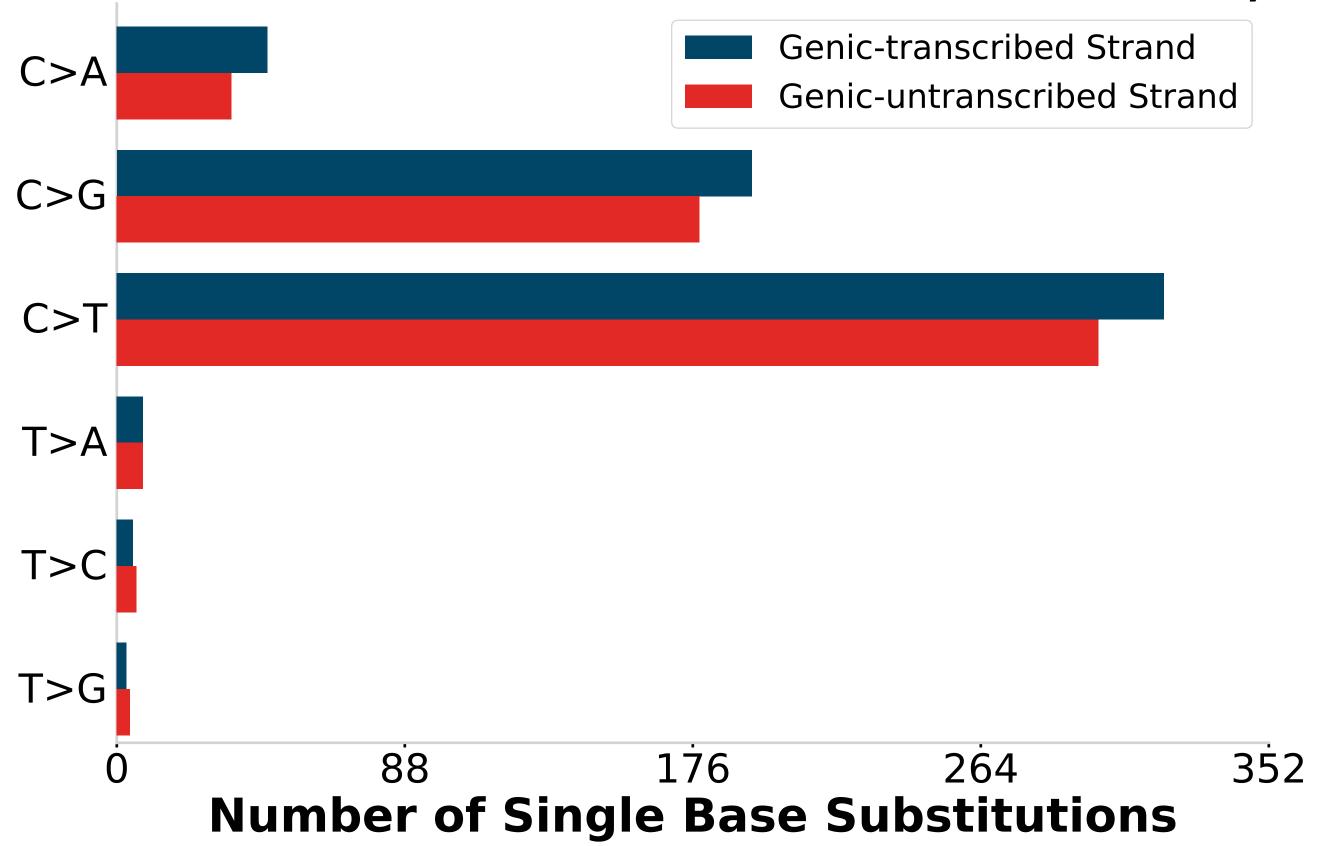
## TCGA-DK-A3IU-01A-11D-A20D-08: 389 trai



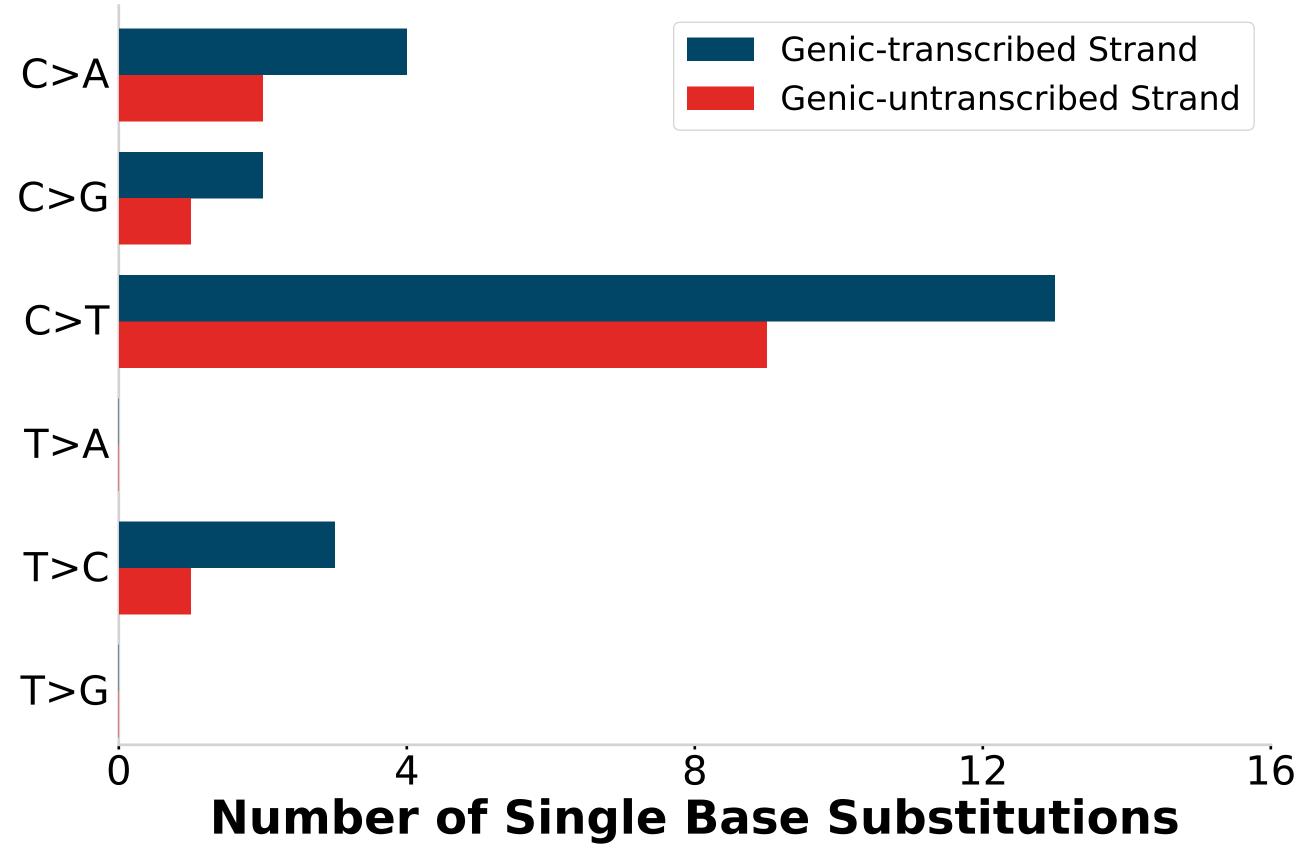
#### TCGA-DK-A3IV-01A-22D-A21A-08: 69 trans



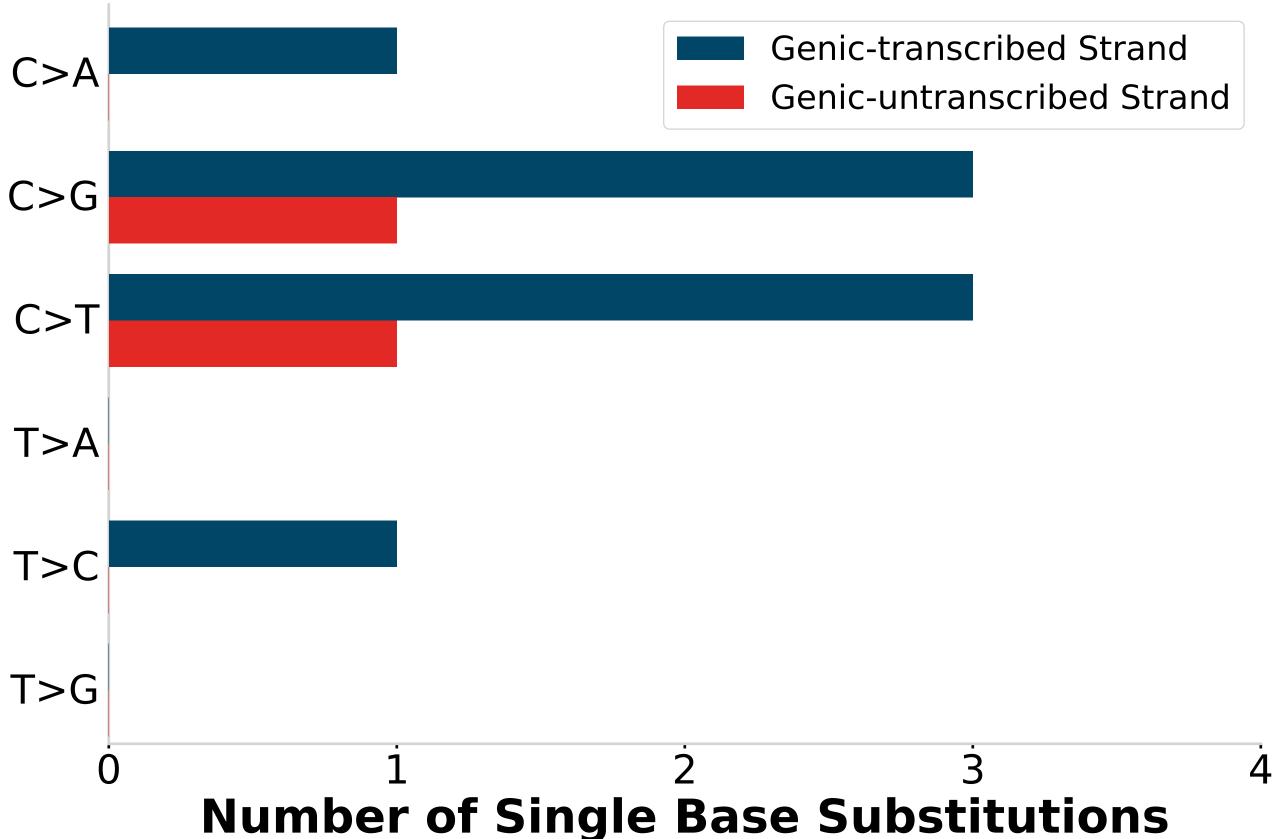
## TCGA-DK-A3WW-01A-22D-A23M-08: 1,107



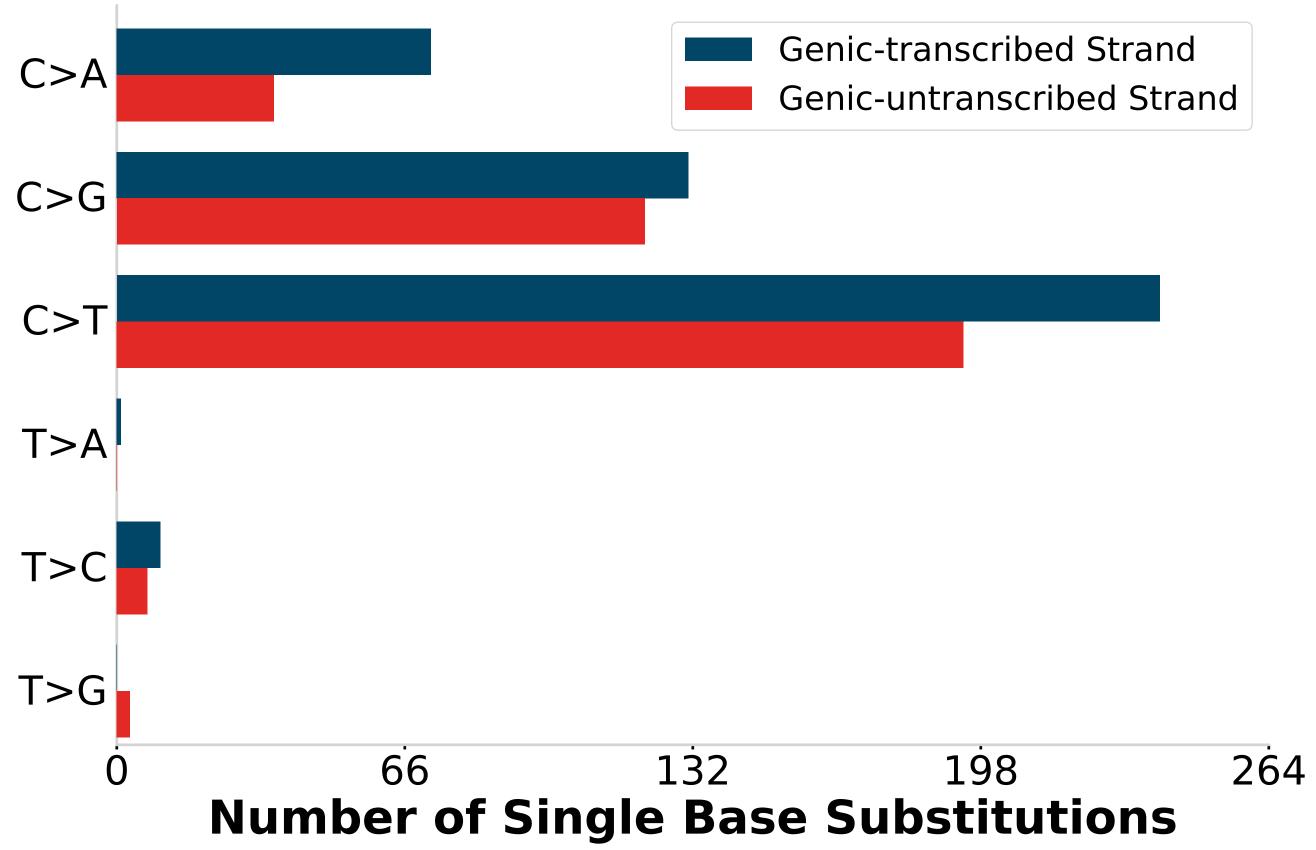
## TCGA-DK-A3WX-01A-22D-A22Z-08: 35 tran



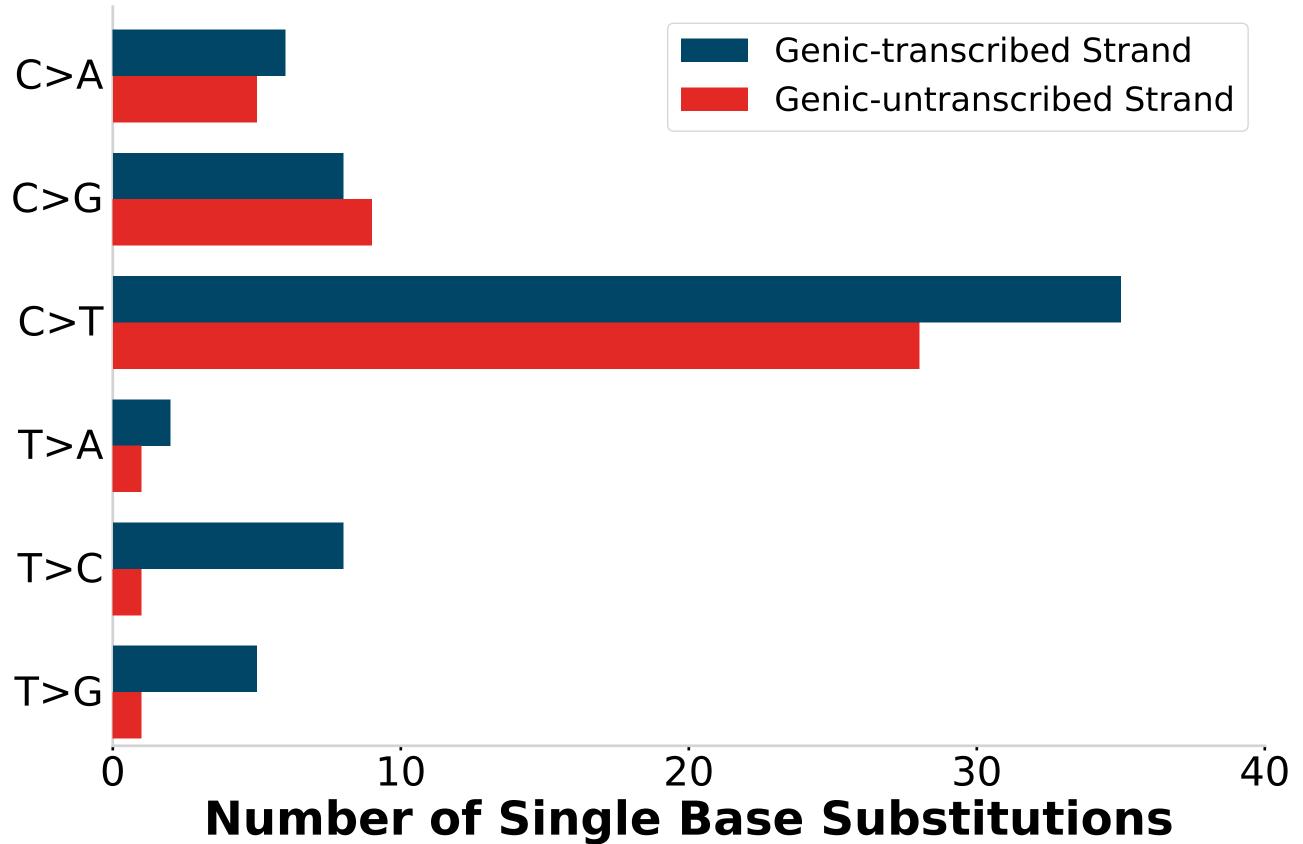
#### TCGA-DK-A3WY-01A-11D-A22Z-08: 10 tran



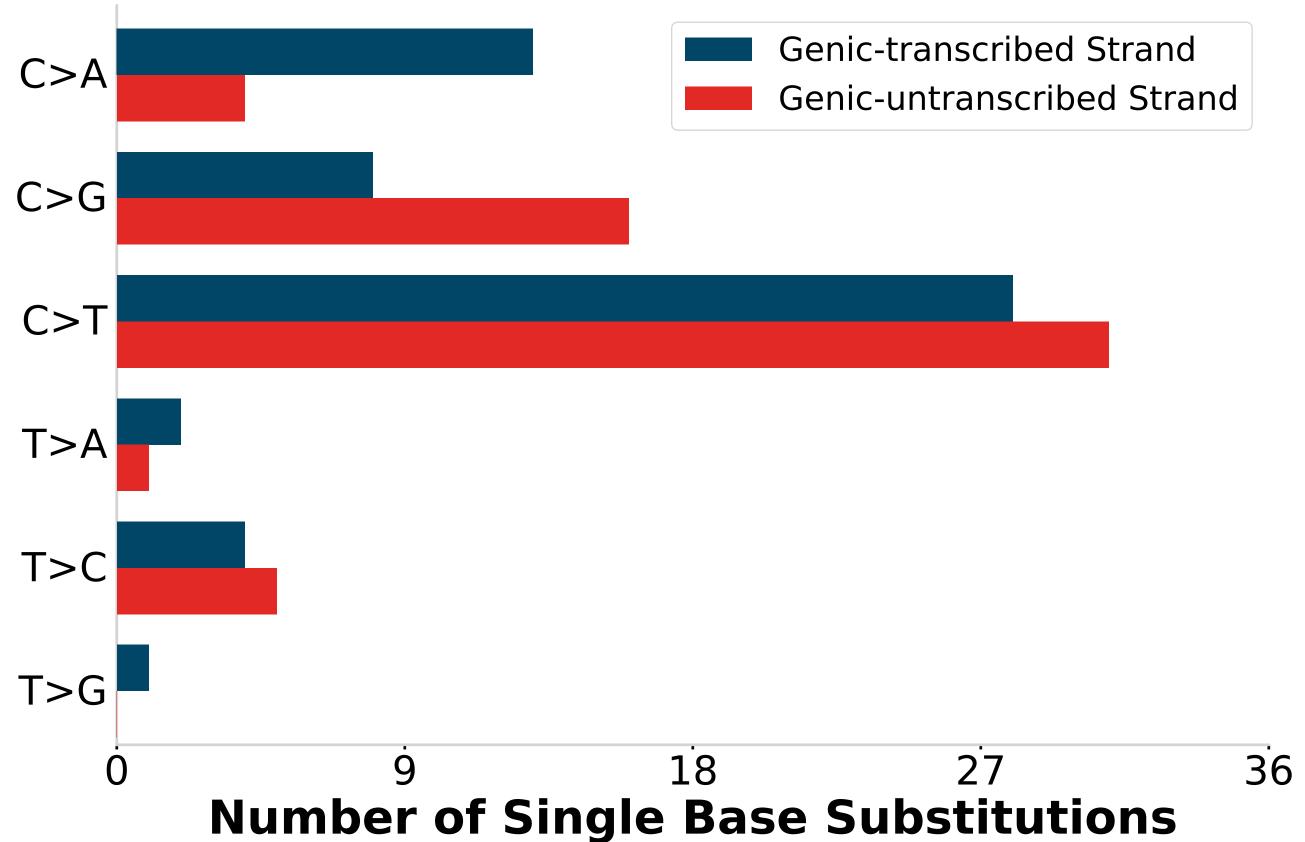
## TCGA-DK-A3X1-01A-12D-A22Z-08: 814 trail



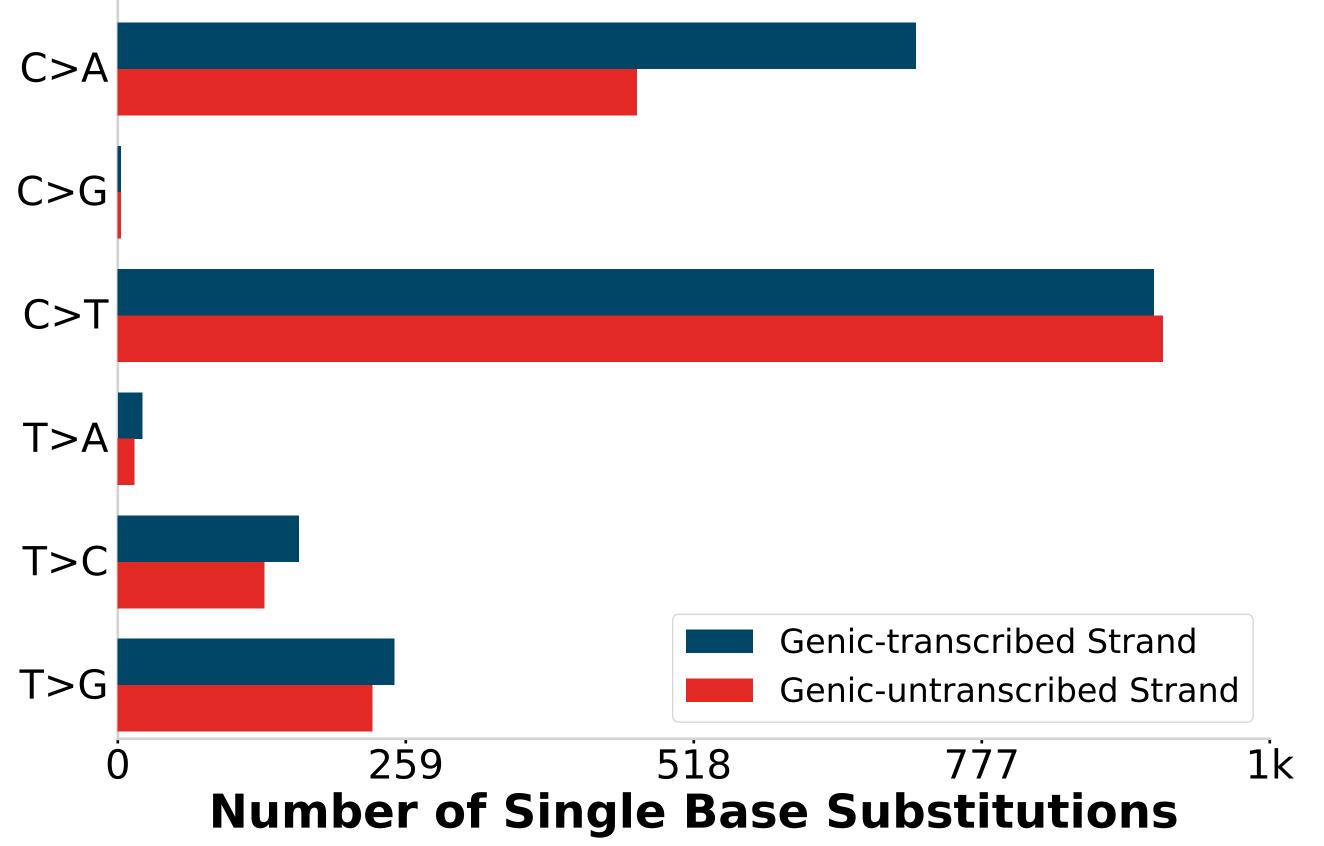
## TCGA-DK-A3X2-01A-11D-A22Z-08: 109 trail



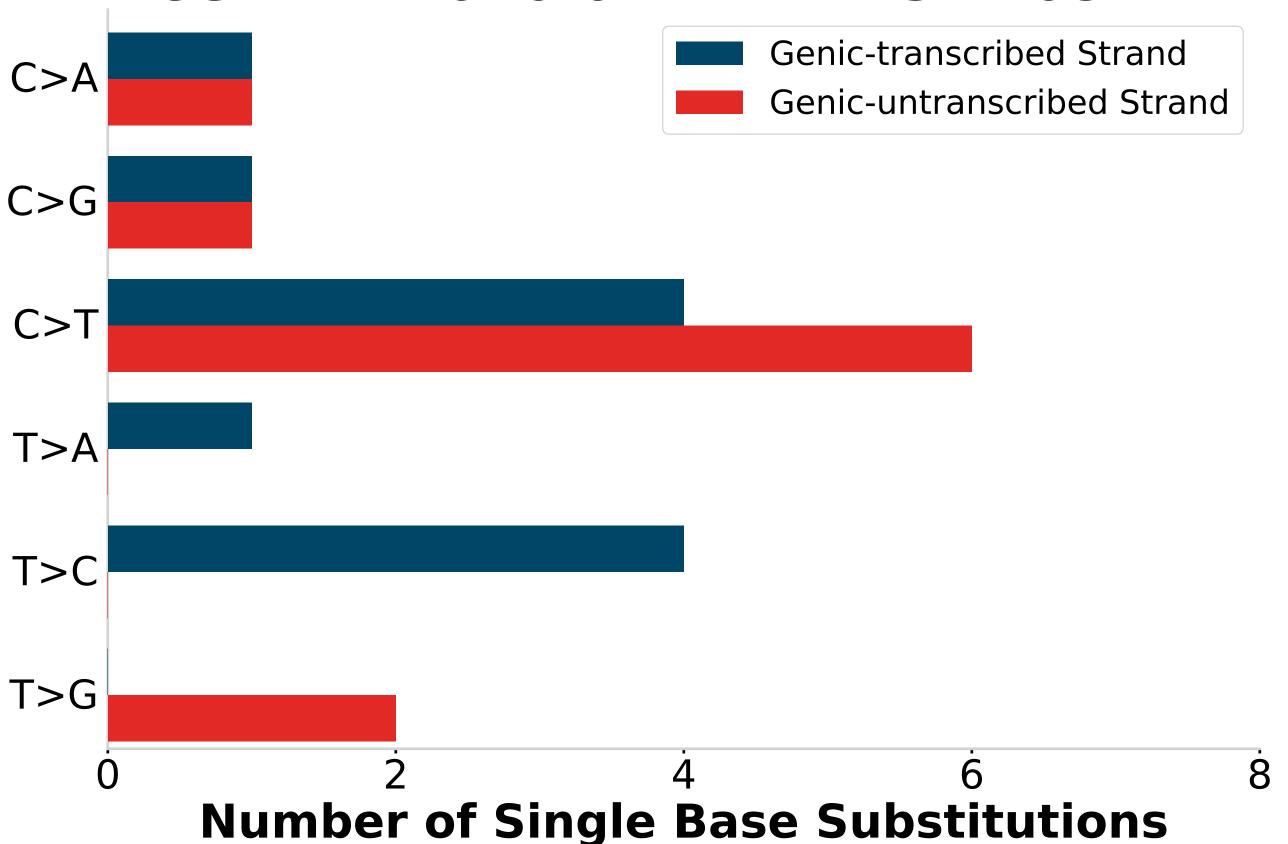
## TCGA-DK-A6AV-01A-12D-A30E-08: 113 trai



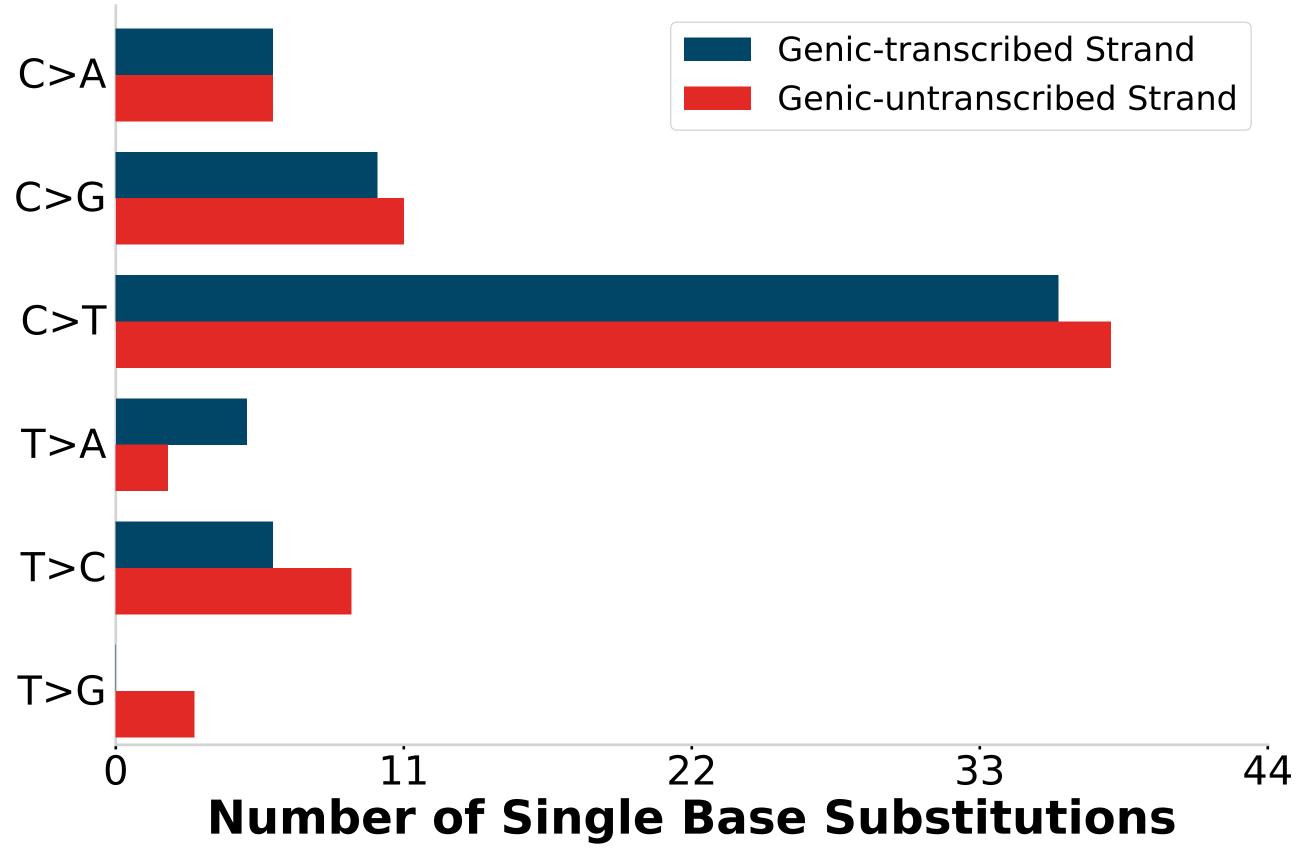
# TCGA-DK-A6AW-01A-11D-A30E-08: 3,873 t



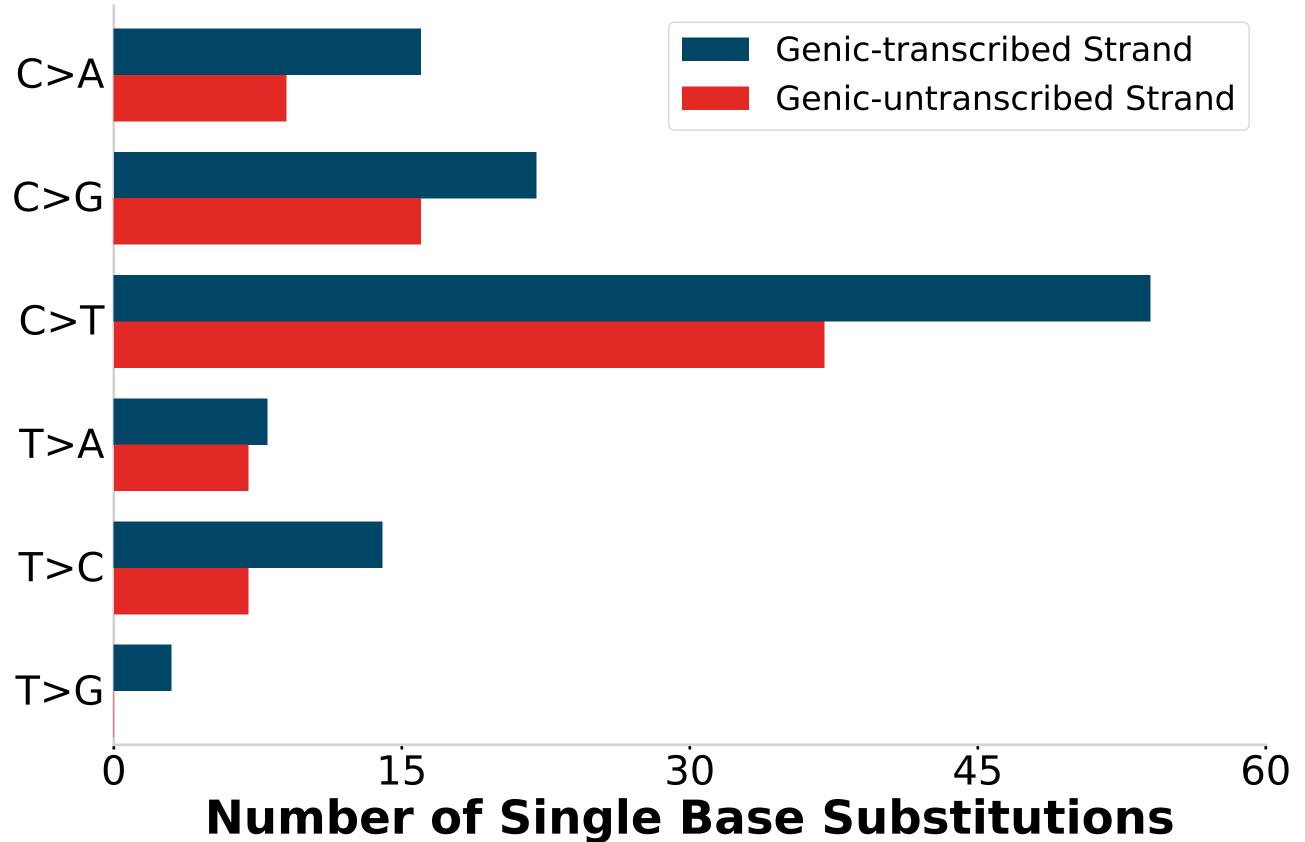
#### TCGA-DK-A6B0-01A-11D-A31L-08: 21 trans



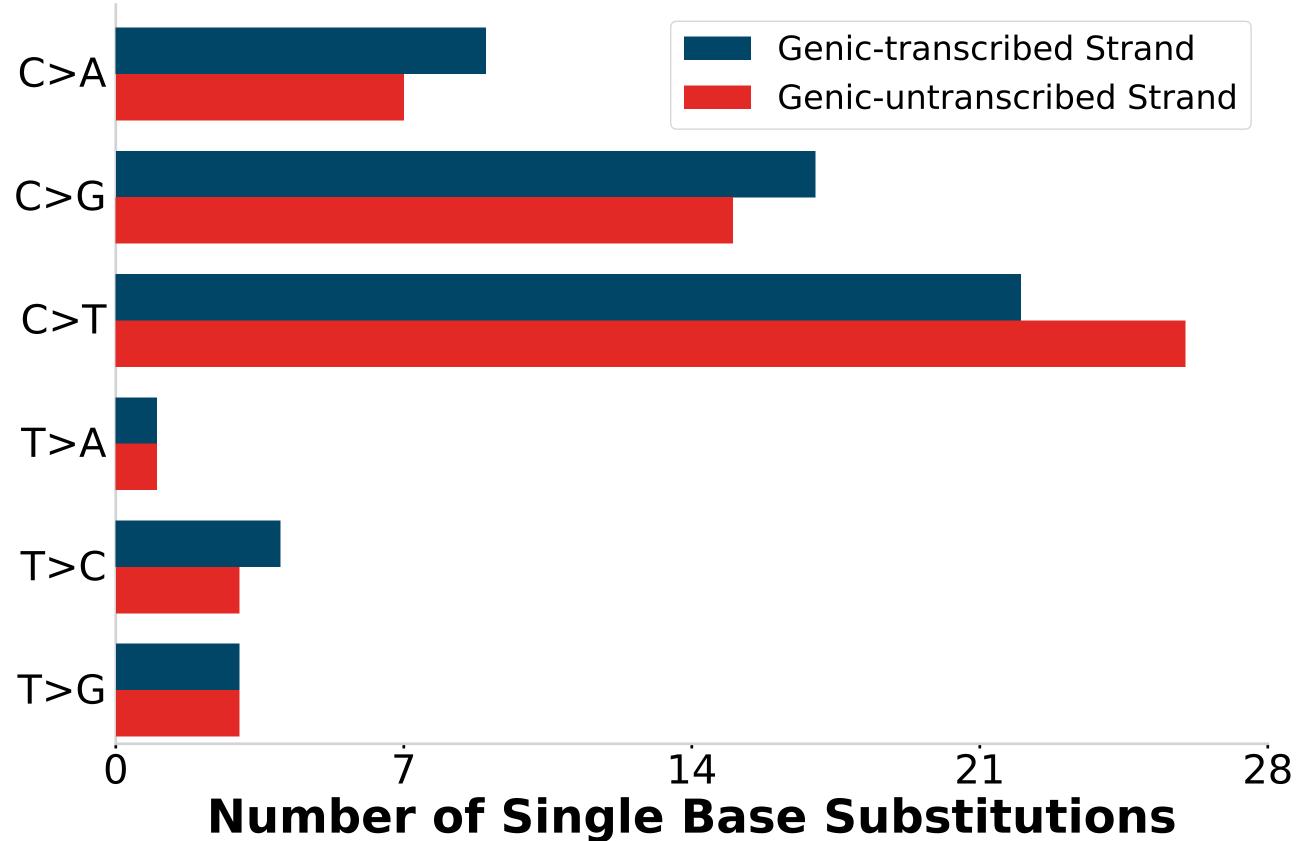
## TCGA-DK-A6B1-01A-12D-A30E-08: 132 trail



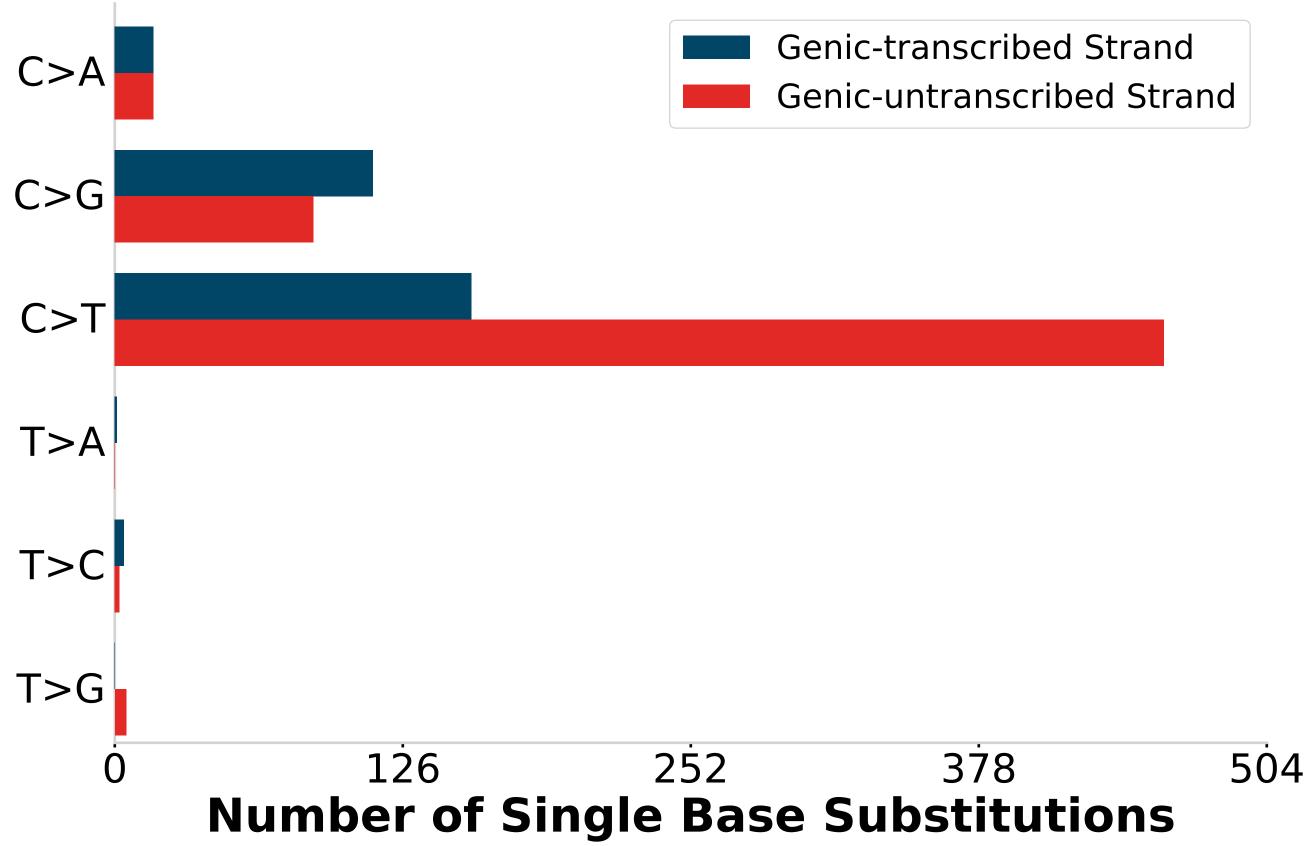
## TCGA-DK-A6B2-01A-11D-A30E-08: 193 trail



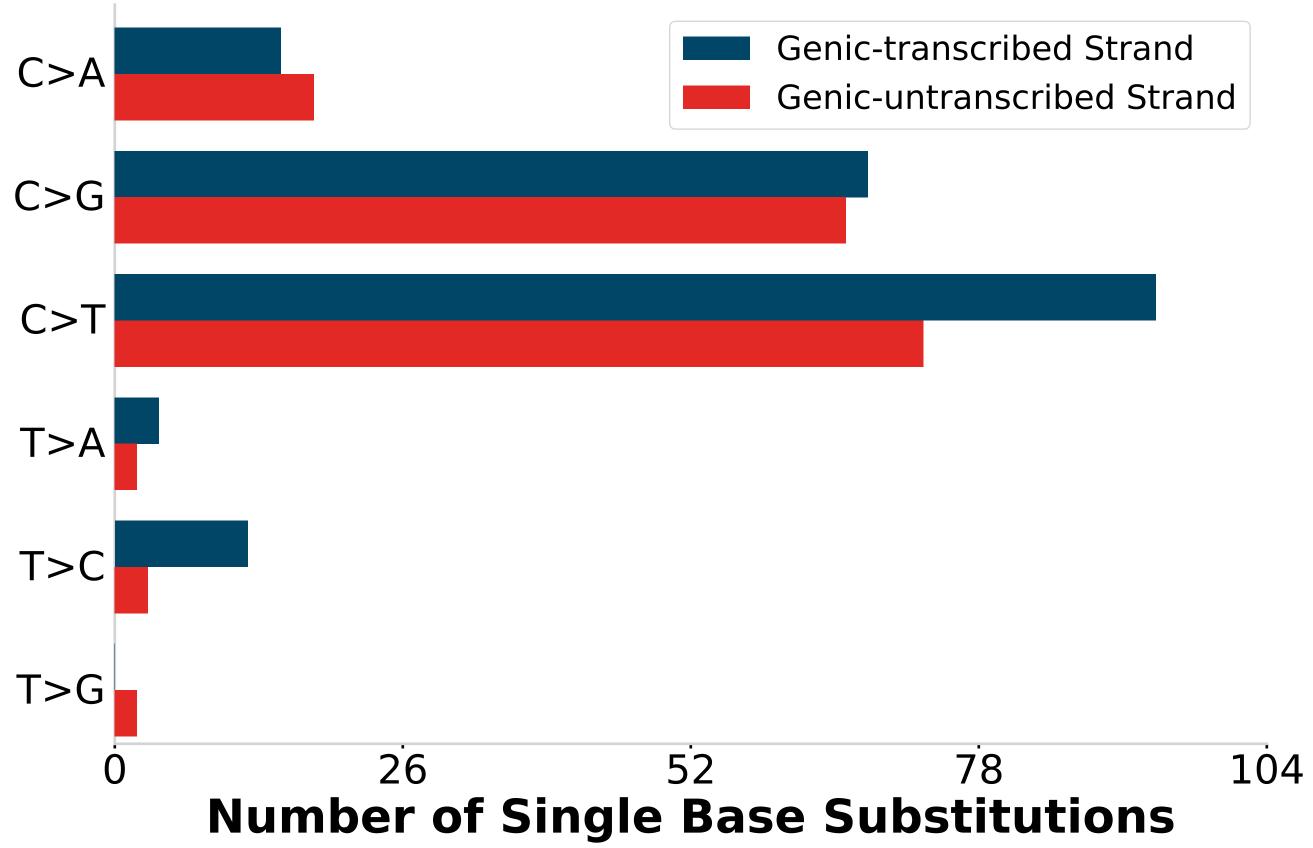
## TCGA-DK-A6B5-01A-11D-A31L-08: 111 trai



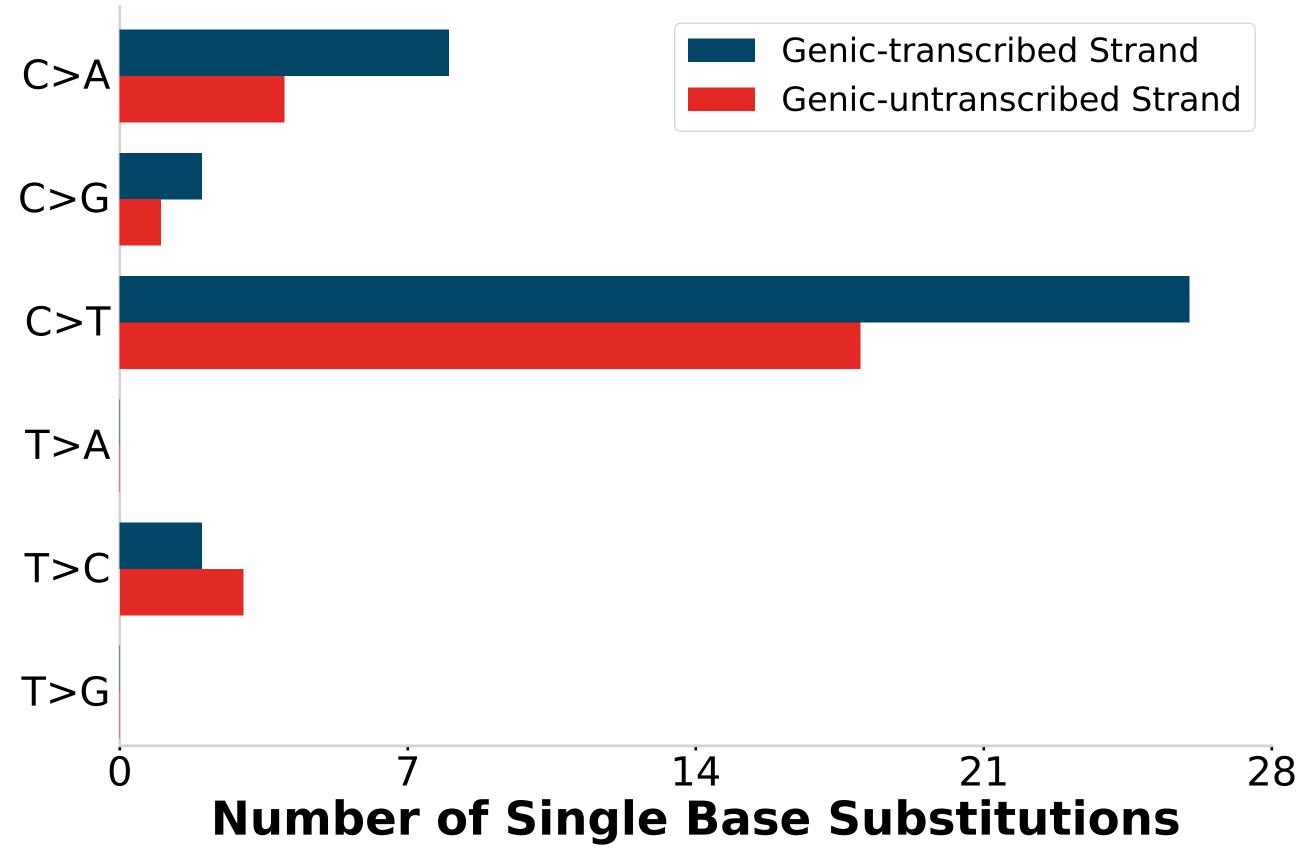
## TCGA-DK-A6B6-01A-11D-A30E-08: 861 trail



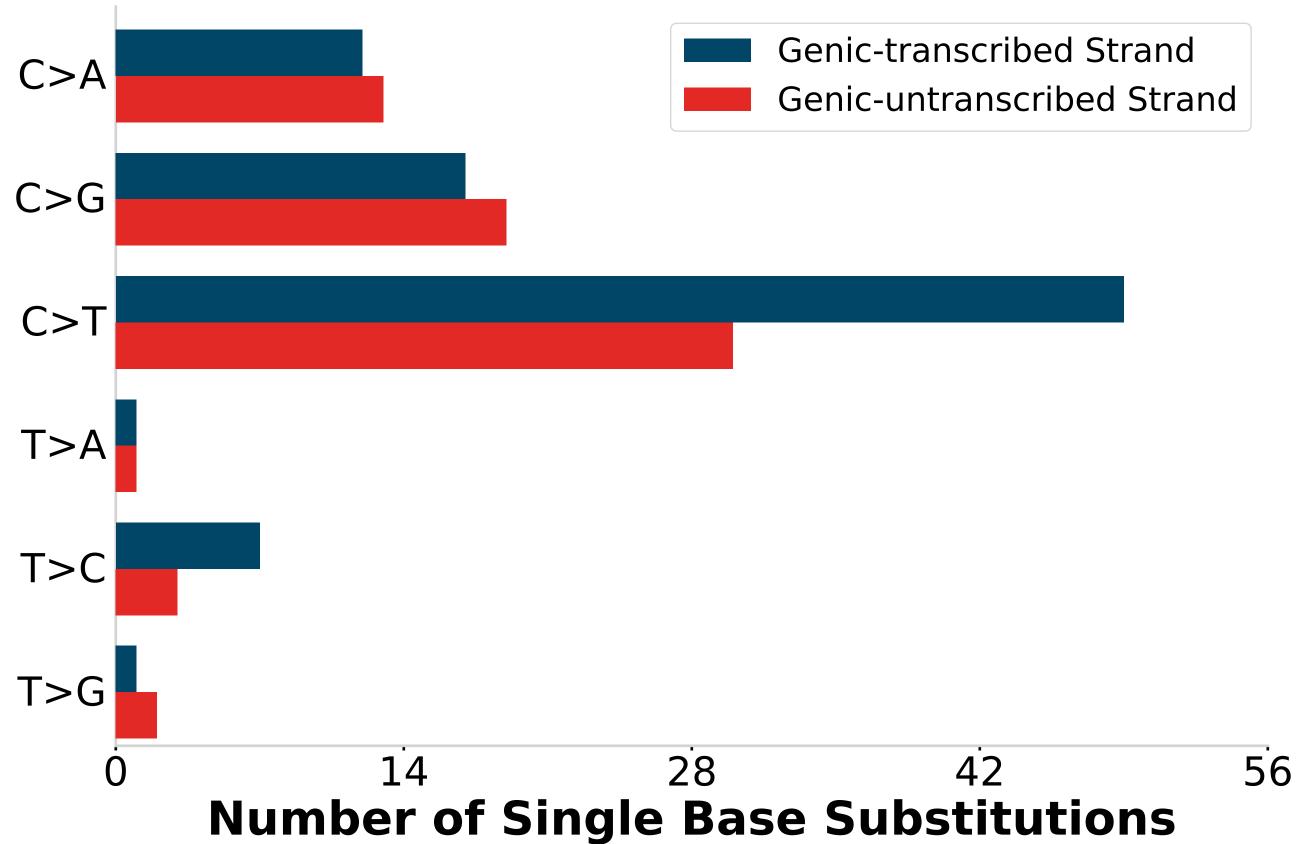
## TCGA-DK-AA6L-01A-11D-A391-08: 357 trai



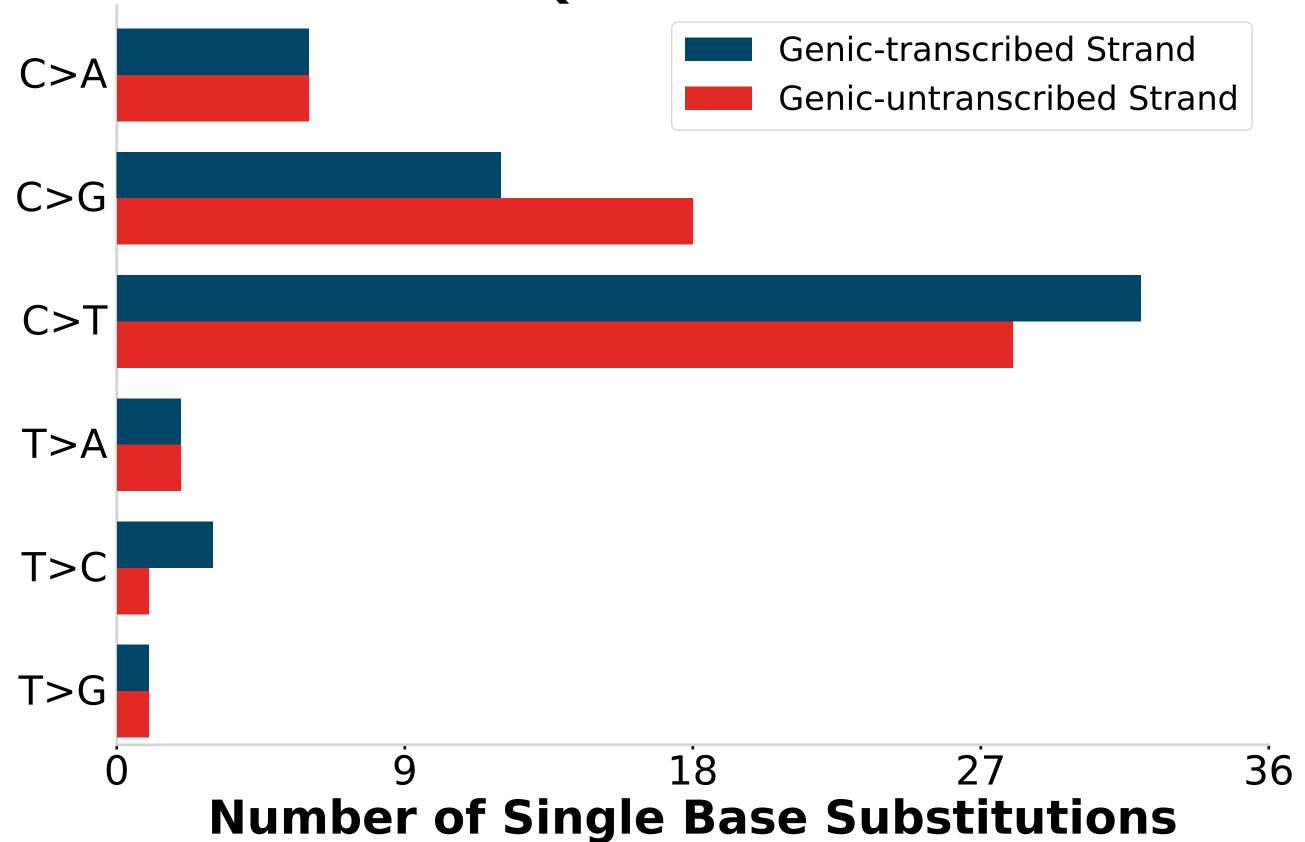
## TCGA-DK-AA6M-01A-11D-A391-08: 64 tran



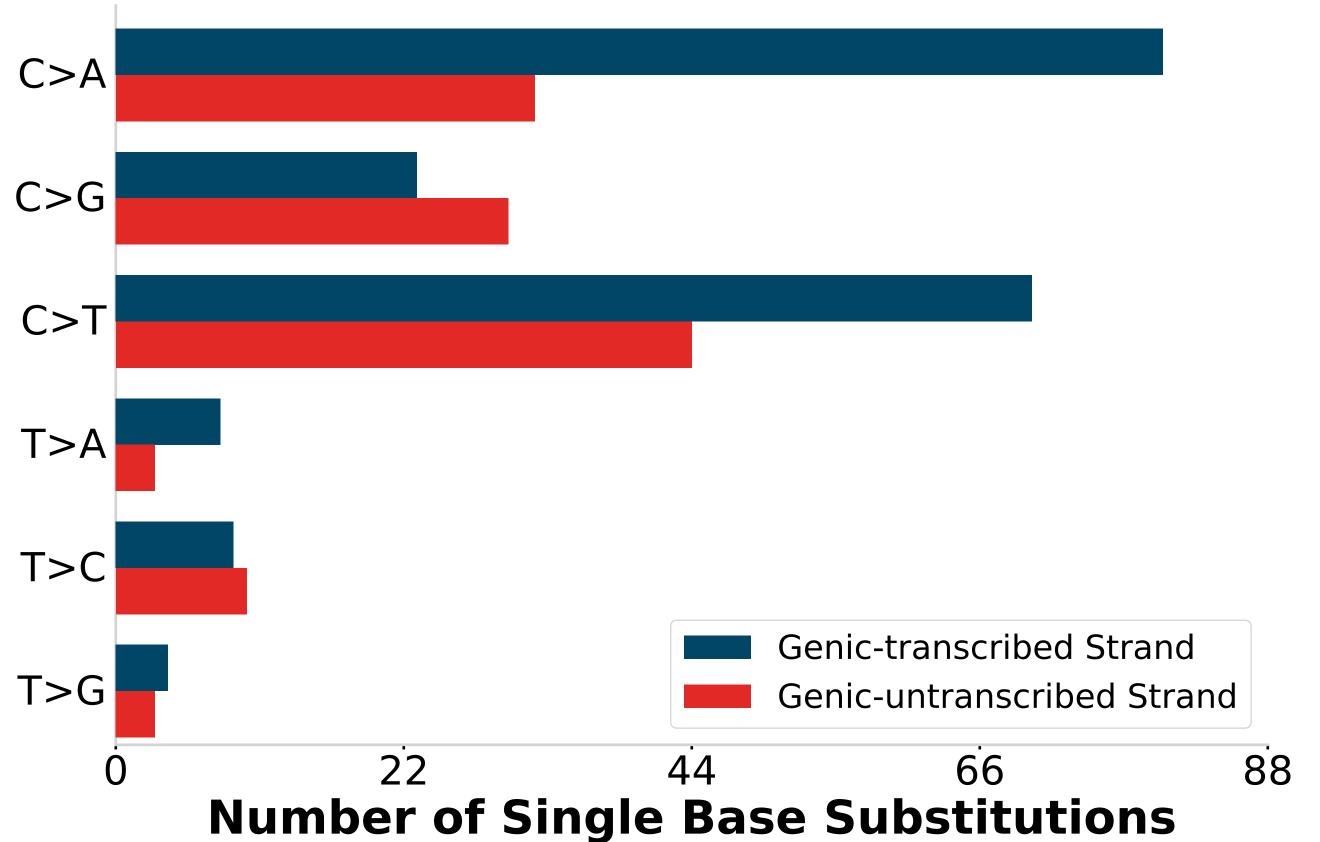
## TCGA-DK-AA6P-01A-11D-A391-08: 155 trail



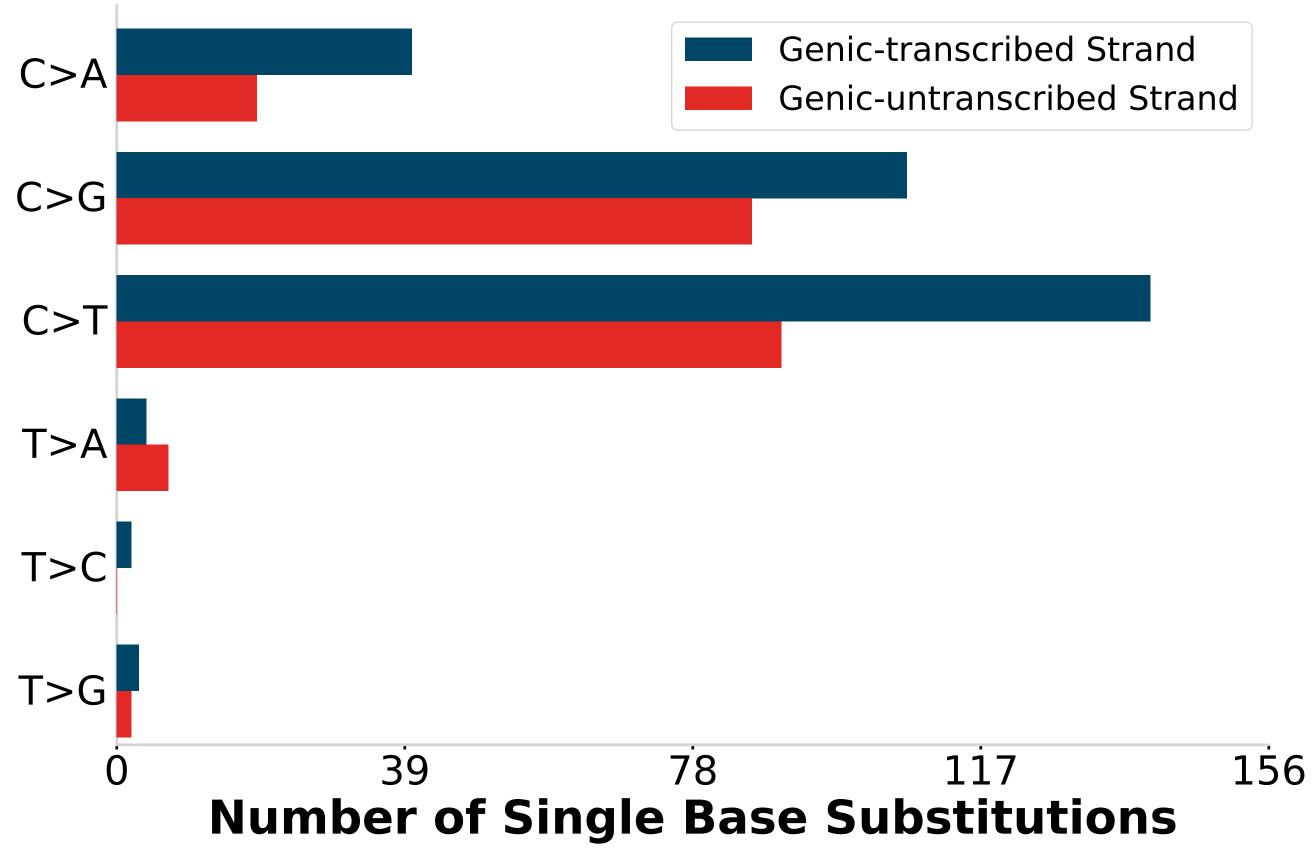
## TCGA-DK-AA6Q-01A-11D-A391-08: 112 tra



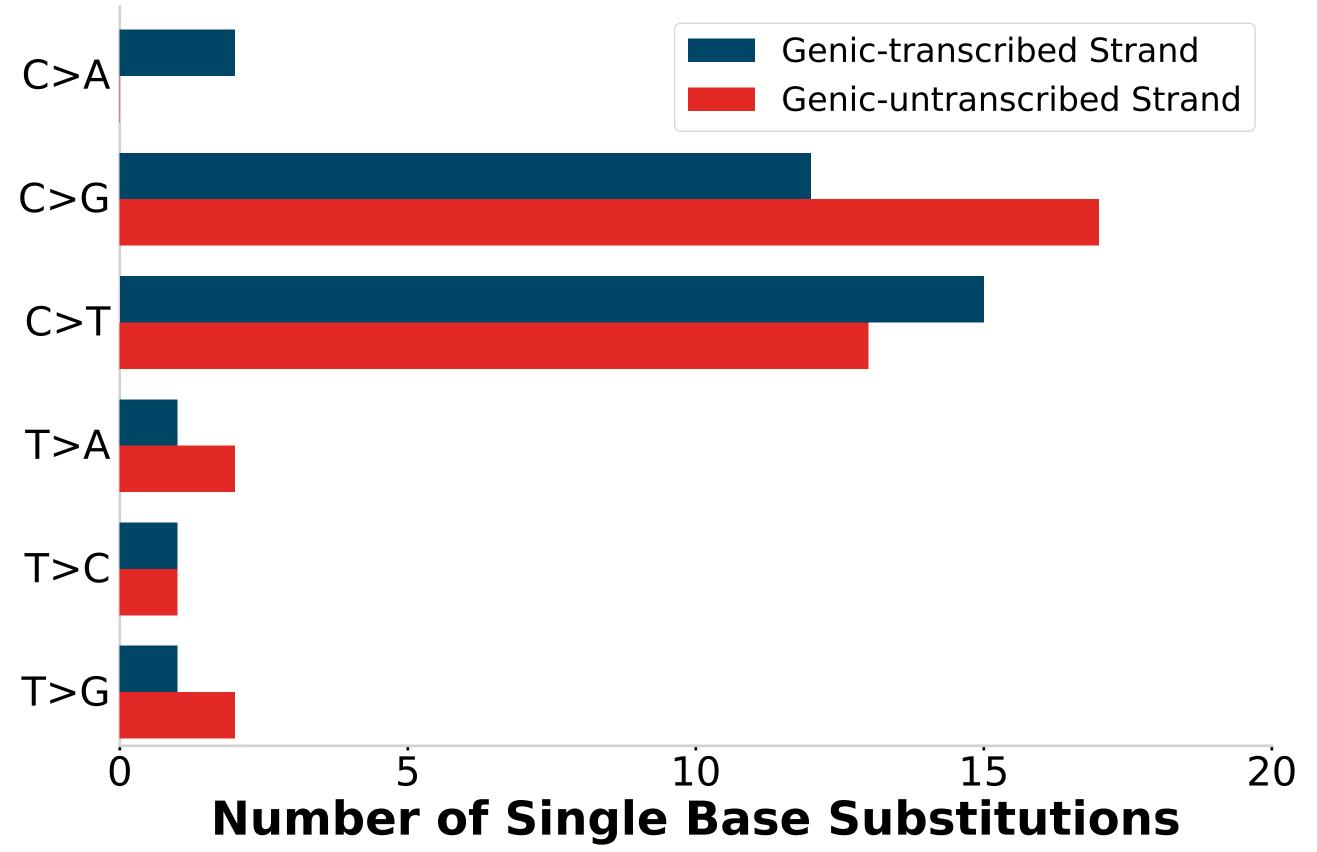
#### TCGA-DK-AA6R-01A-11D-A42E-08: 316 tra



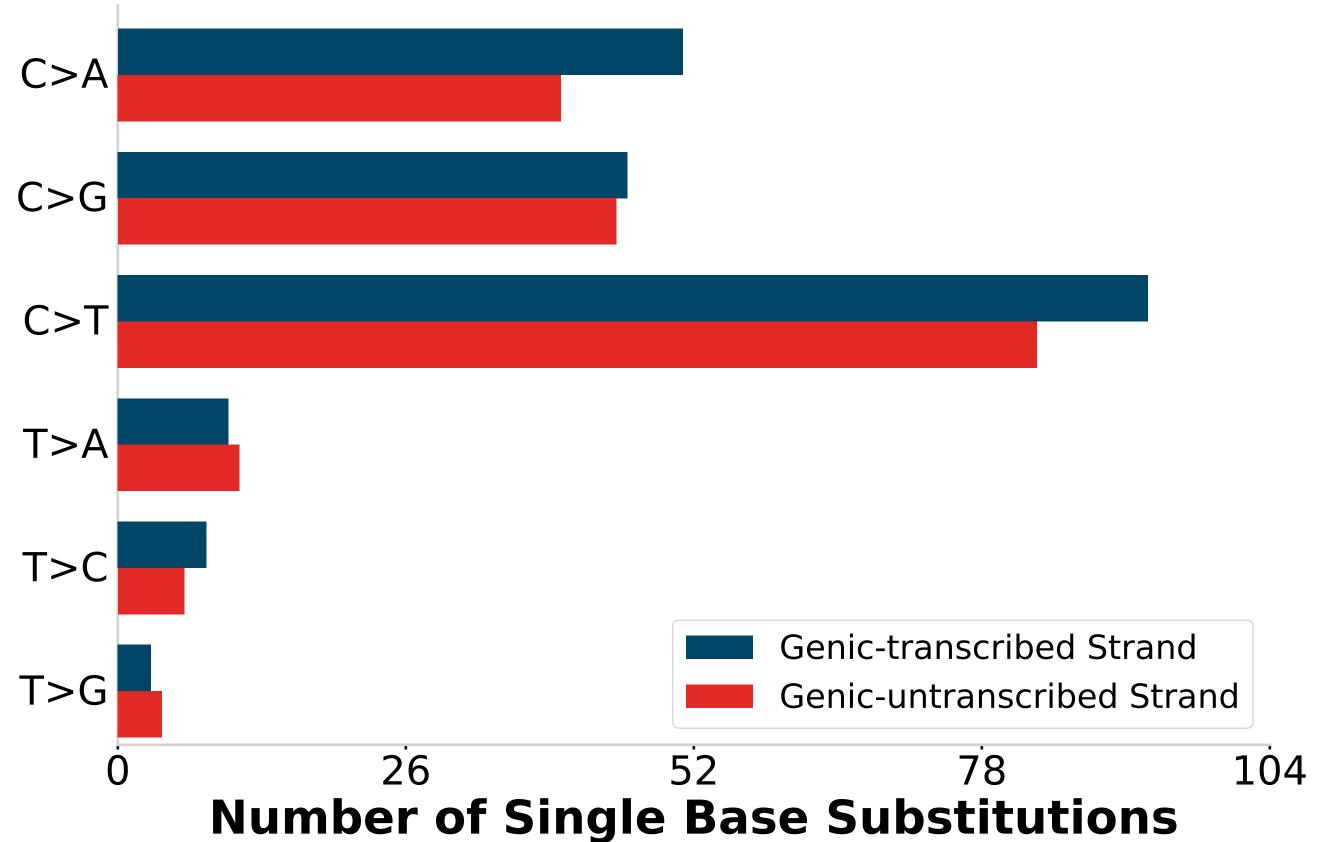
## TCGA-DK-AA6S-01A-21D-A391-08: 500 trail



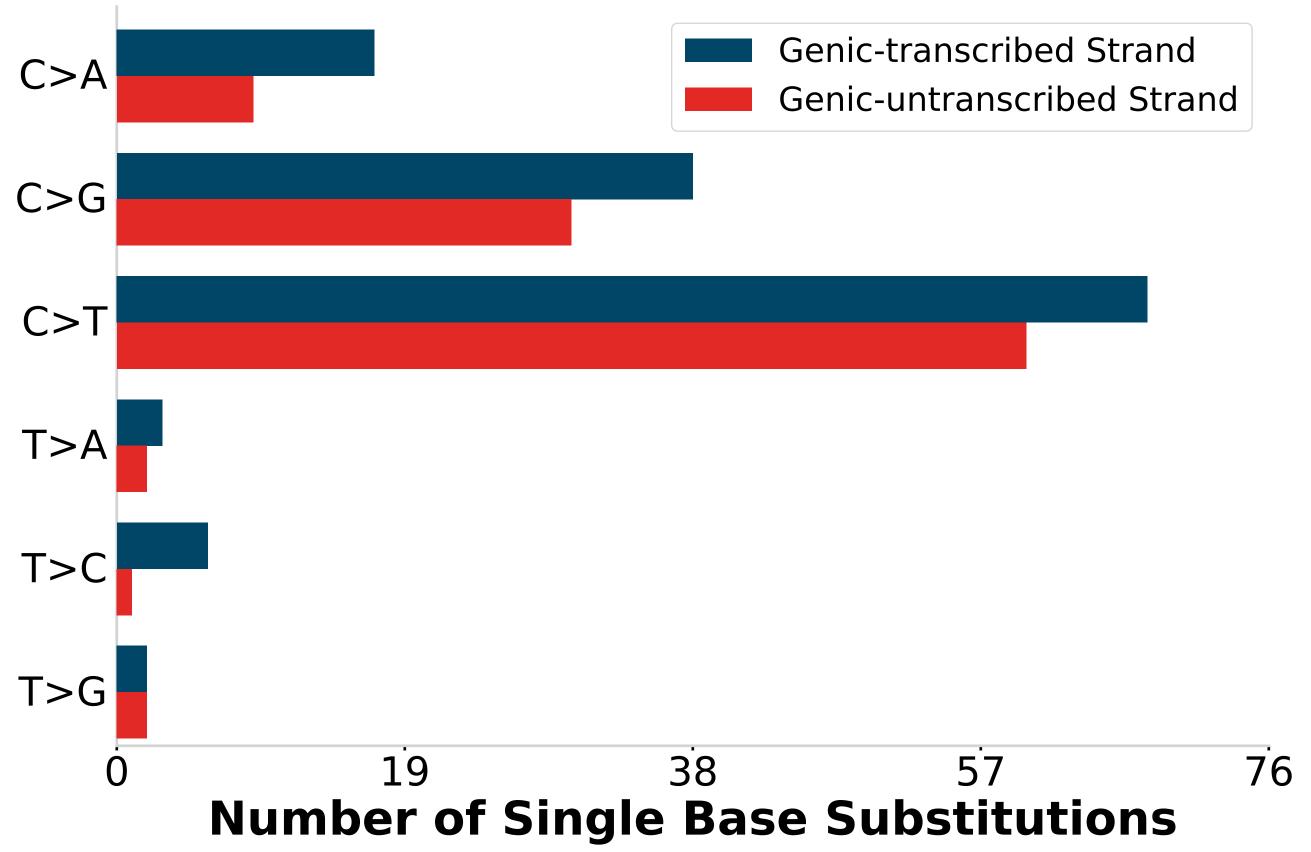
#### TCGA-DK-AA6T-01A-11D-A391-08: 67 trans



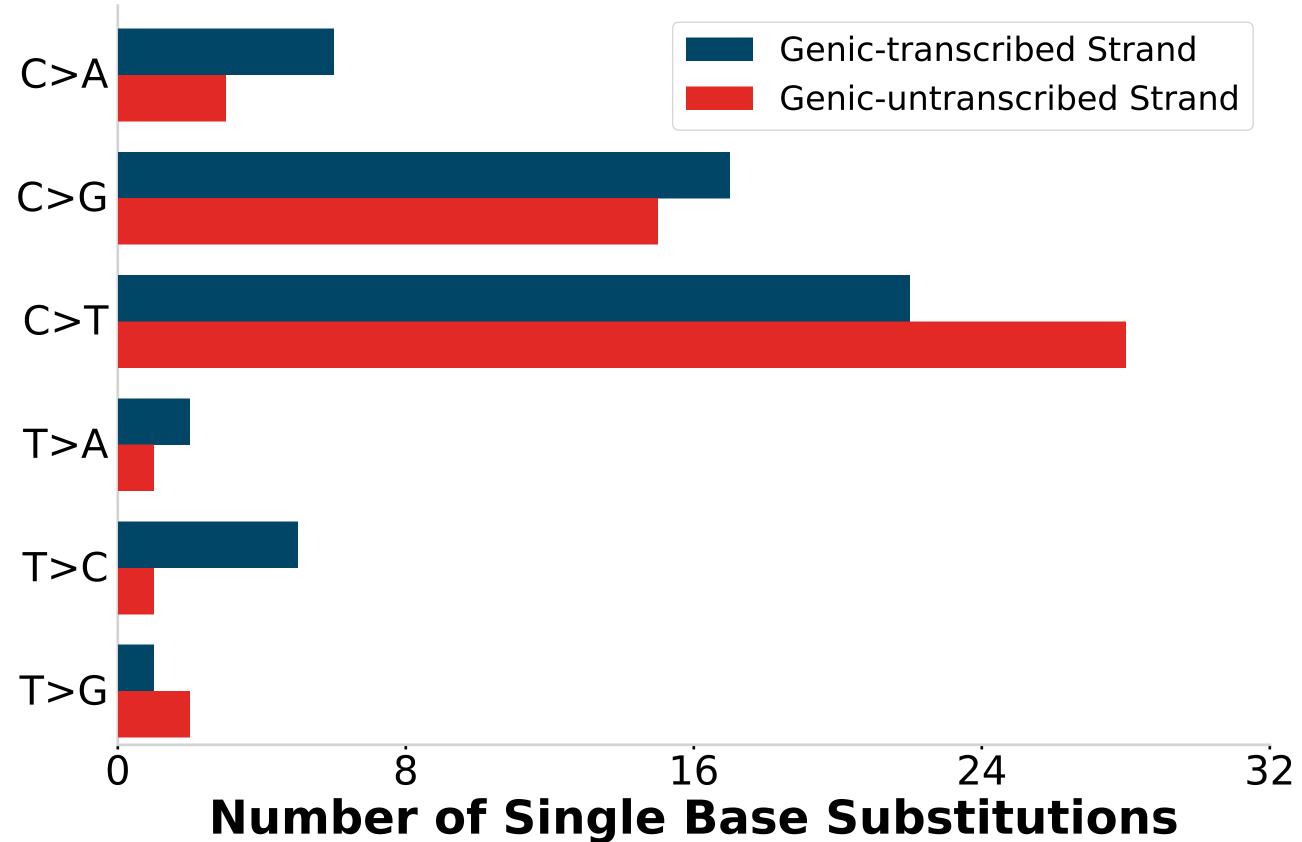
#### TCGA-DK-AA6U-01A-11D-A391-08: 400 tra



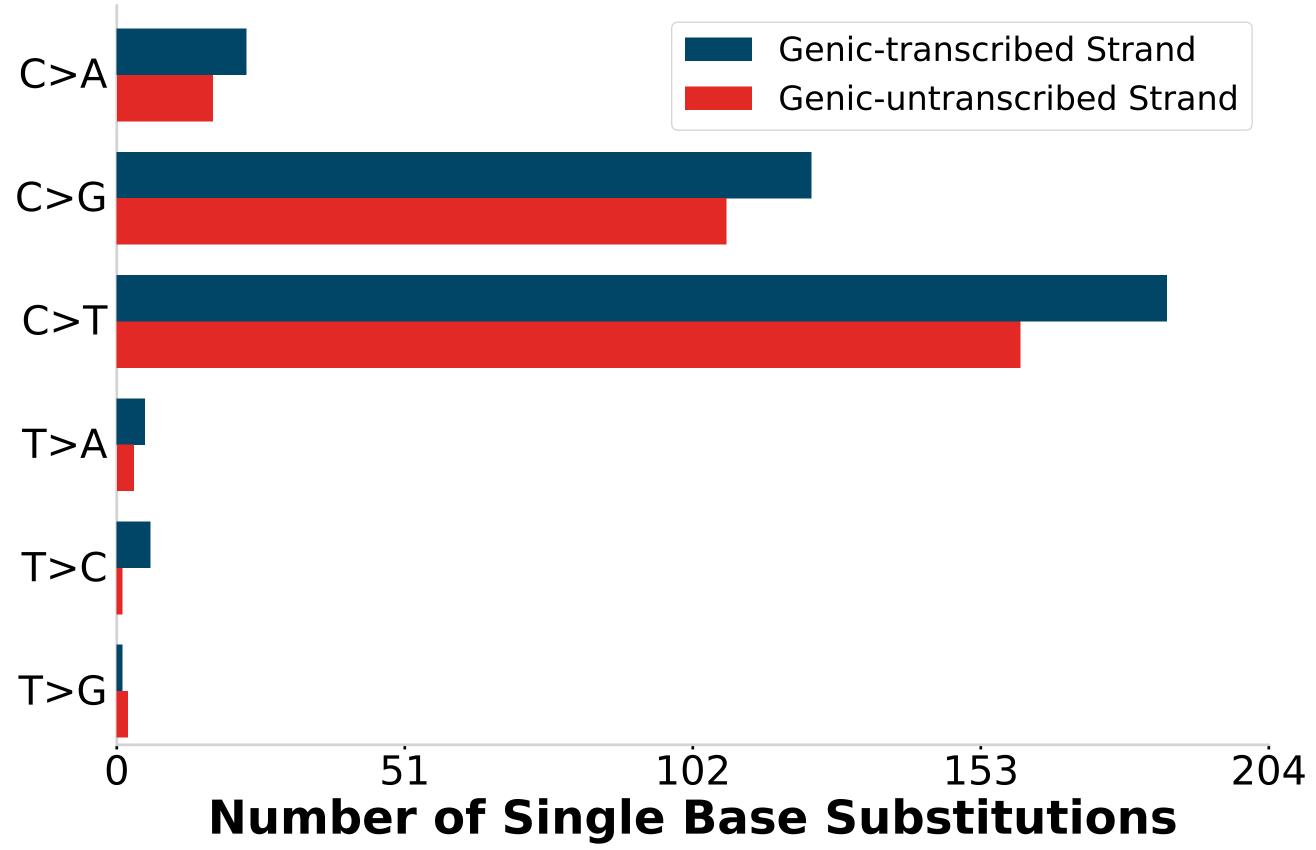
## TCGA-DK-AA6W-01A-12D-A391-08: 238 tra



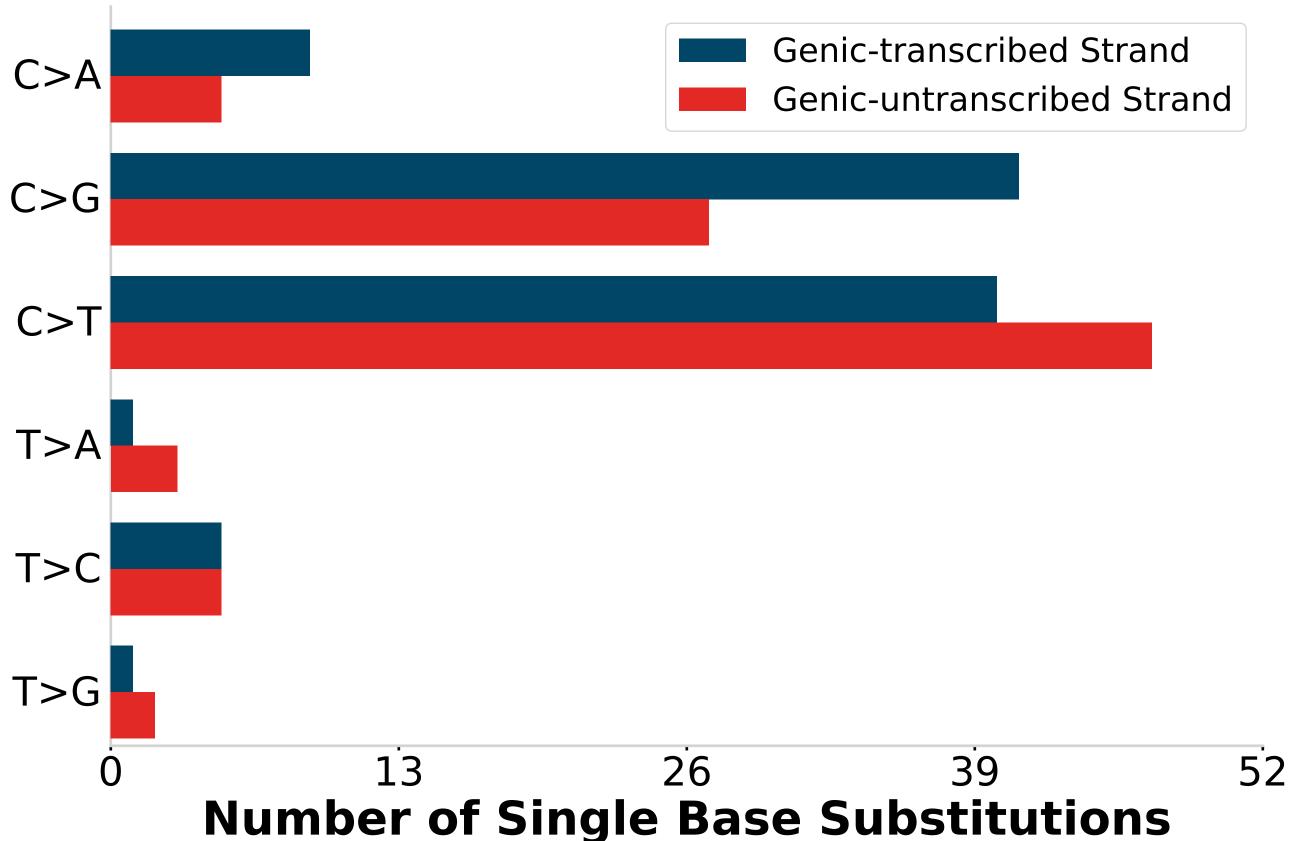
## TCGA-DK-AA6X-01A-12D-A42E-08: 103 trail



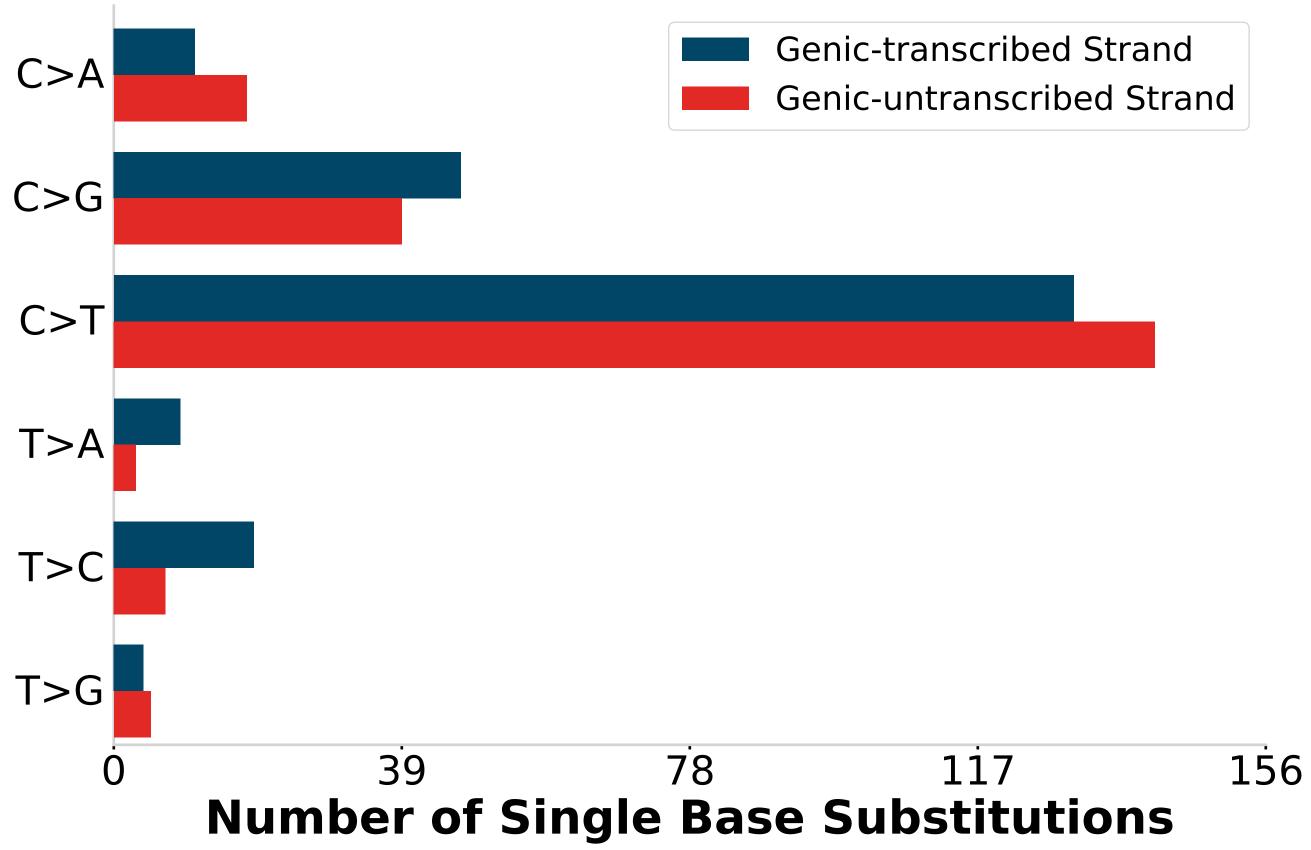
## TCGA-DK-AA71-01A-31D-A391-08: 635 trail



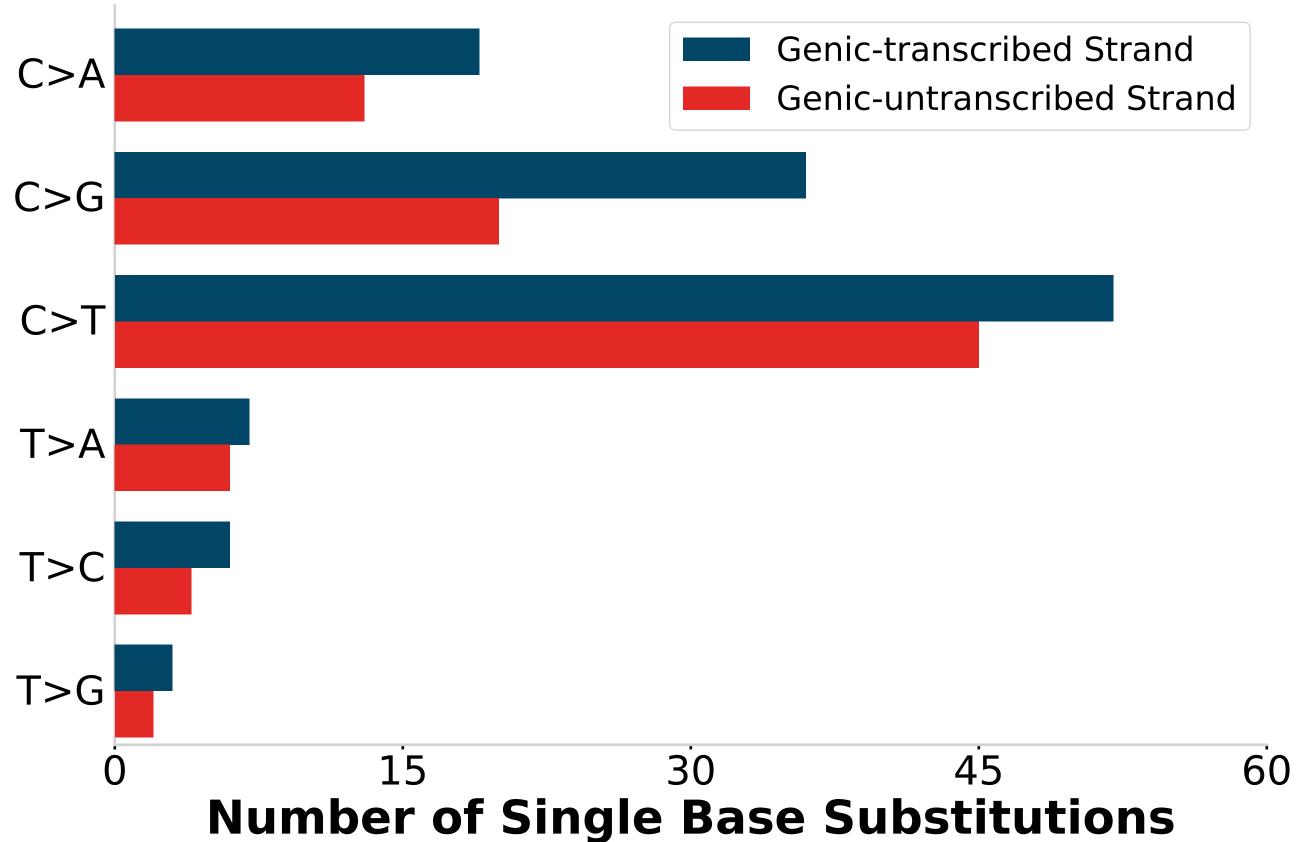
## TCGA-DK-AA74-01A-11D-A391-08: 186 trail



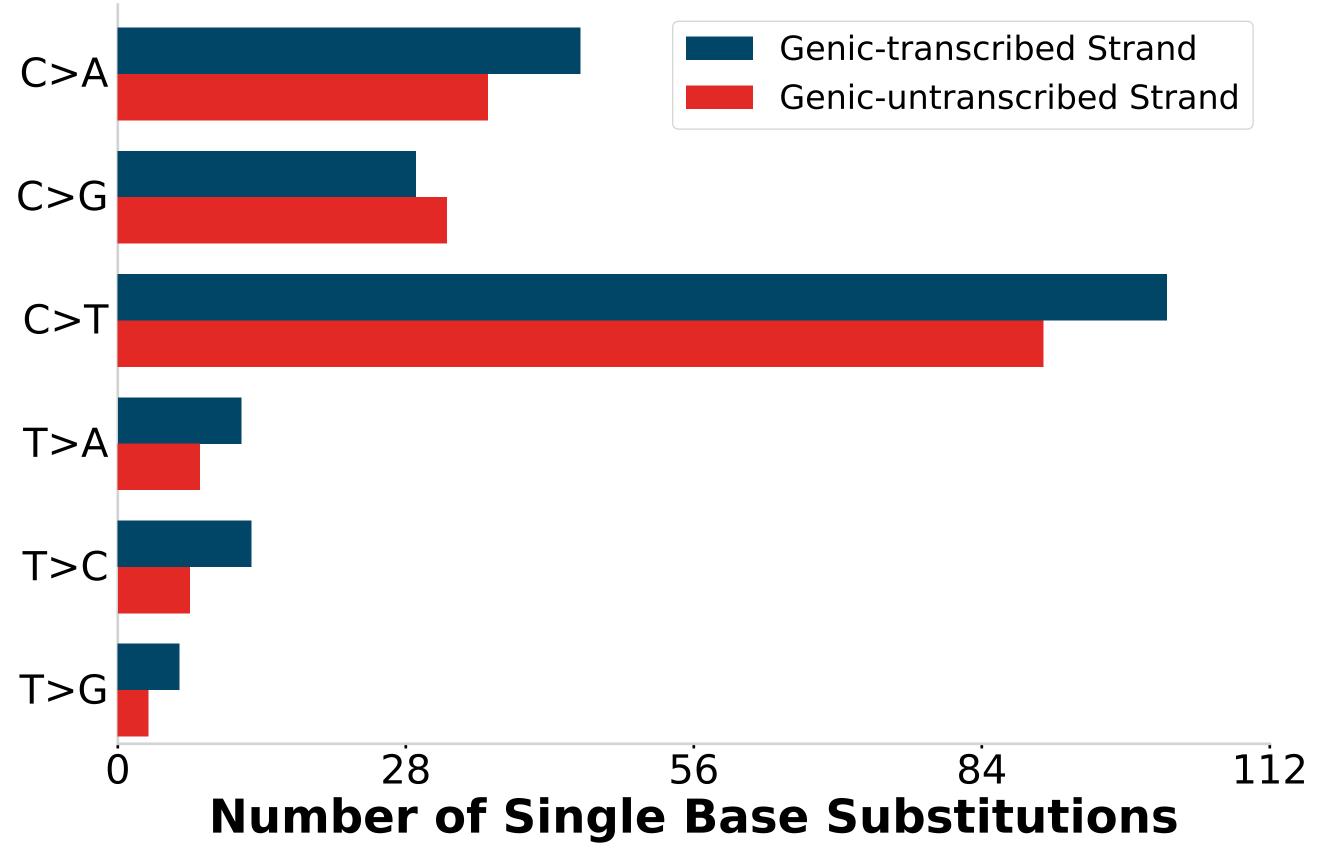
## TCGA-DK-AA75-01A-11D-A391-08: 433 trail



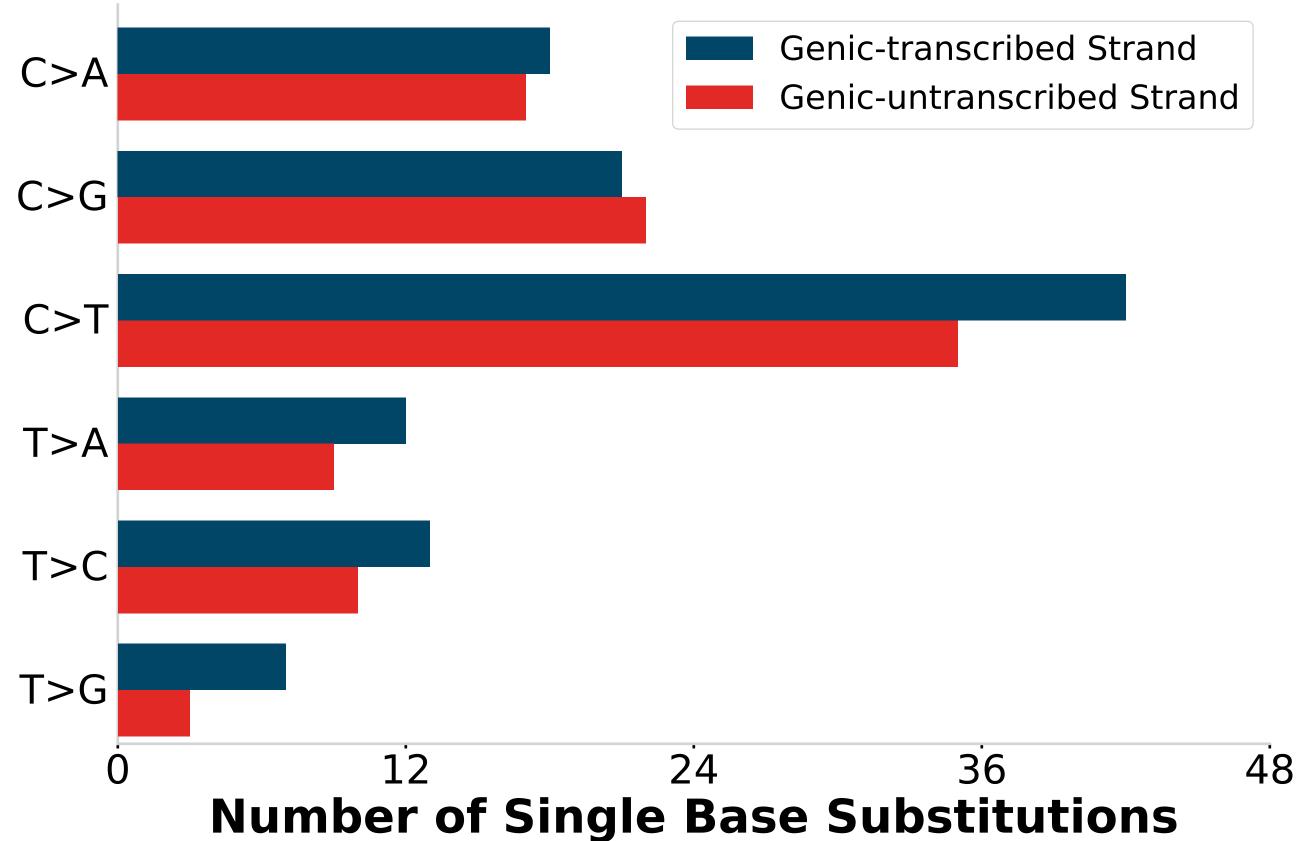
## TCGA-DK-AA76-01A-11D-A391-08: 213 trail



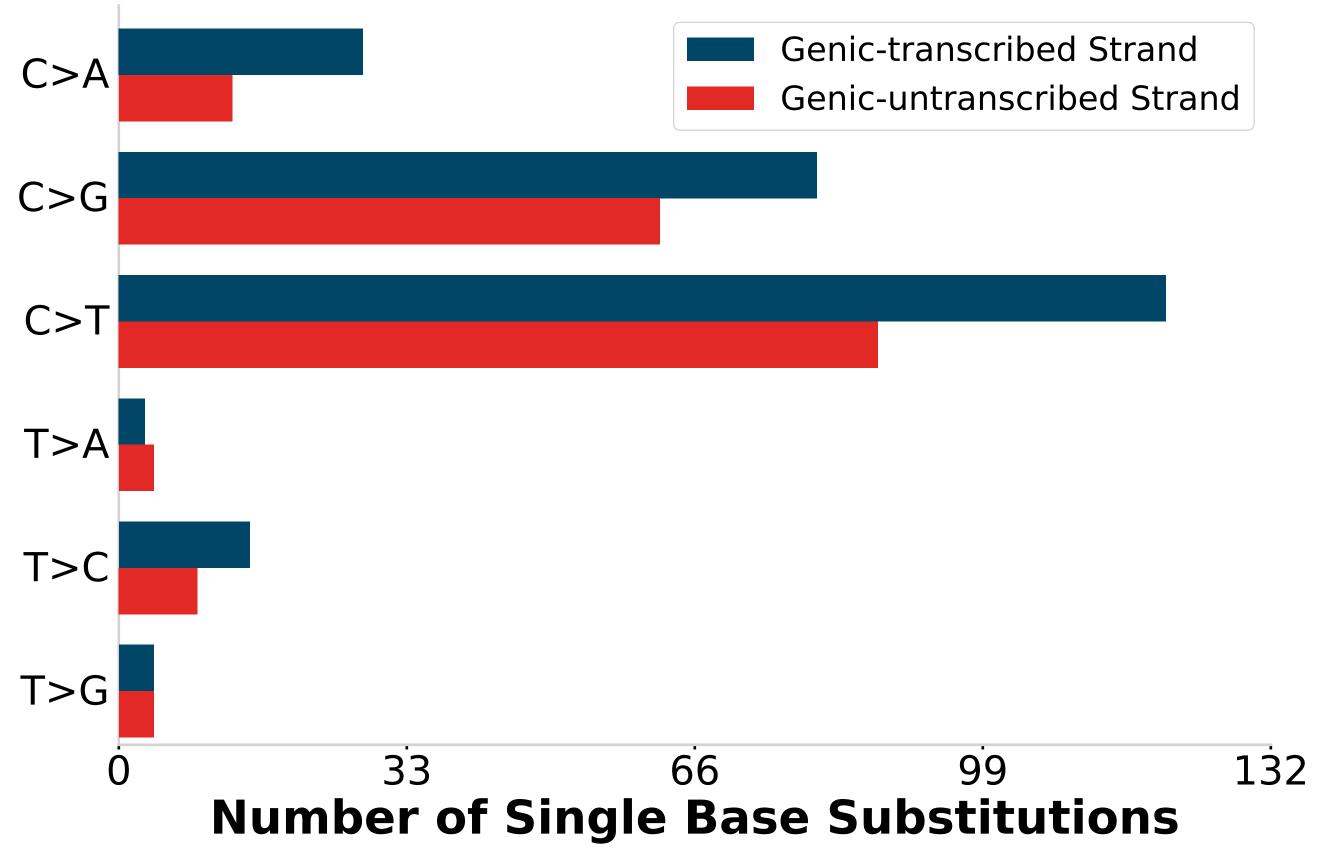
## TCGA-DK-AA77-01A-11D-A391-08: 383 trail



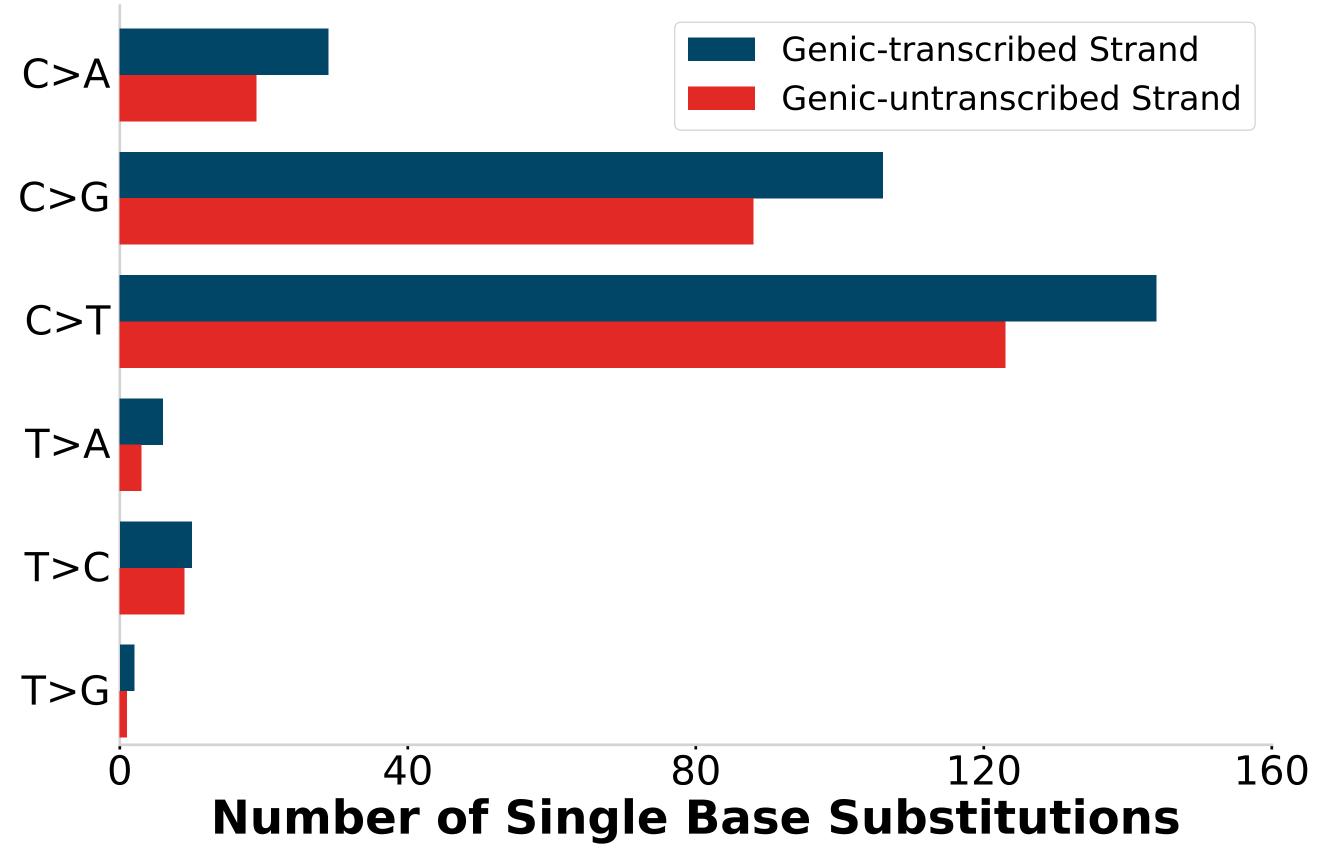
## TCGA-E5-A2PC-01A-11D-A202-08: 209 trai



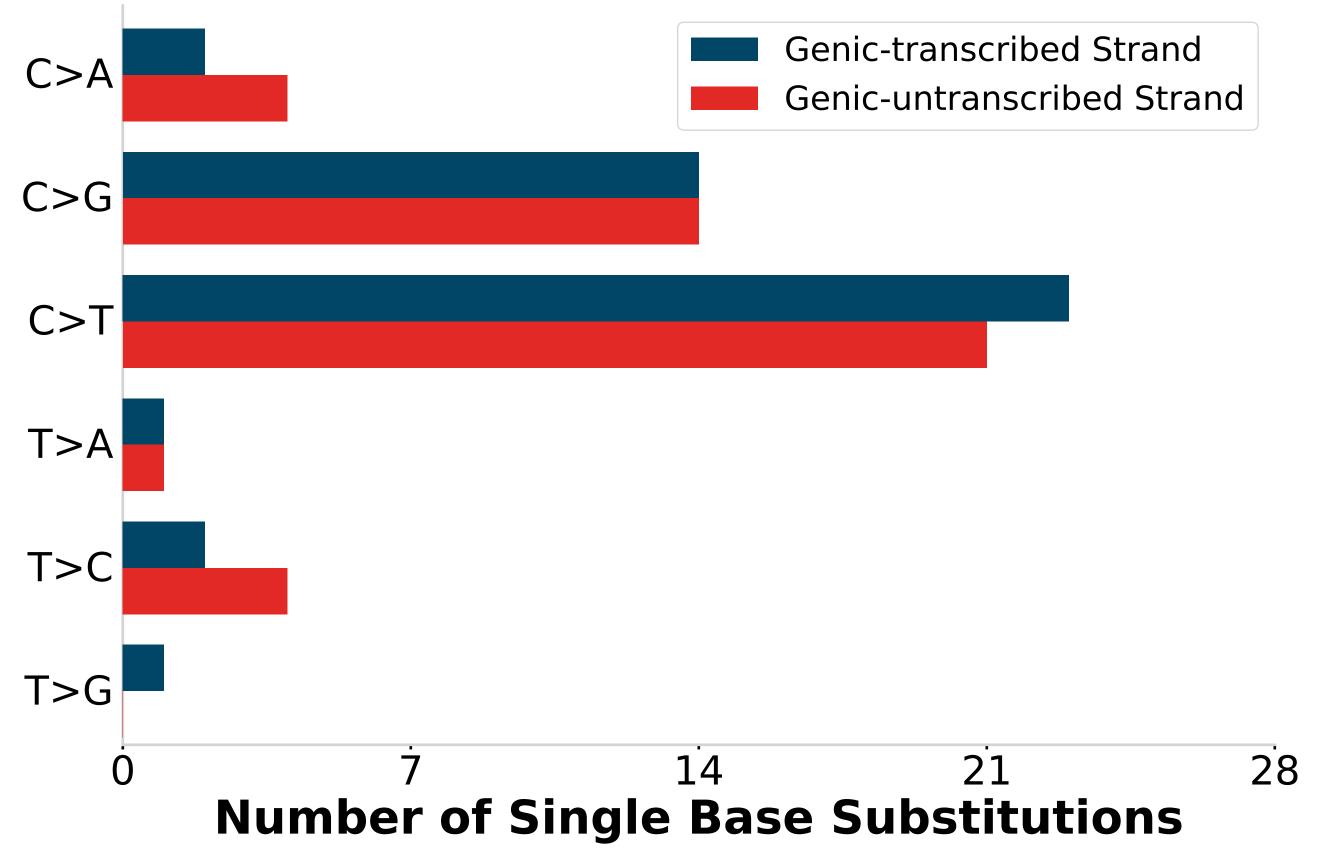
## TCGA-E5-A4TZ-01A-11D-A31L-08: 429 trar



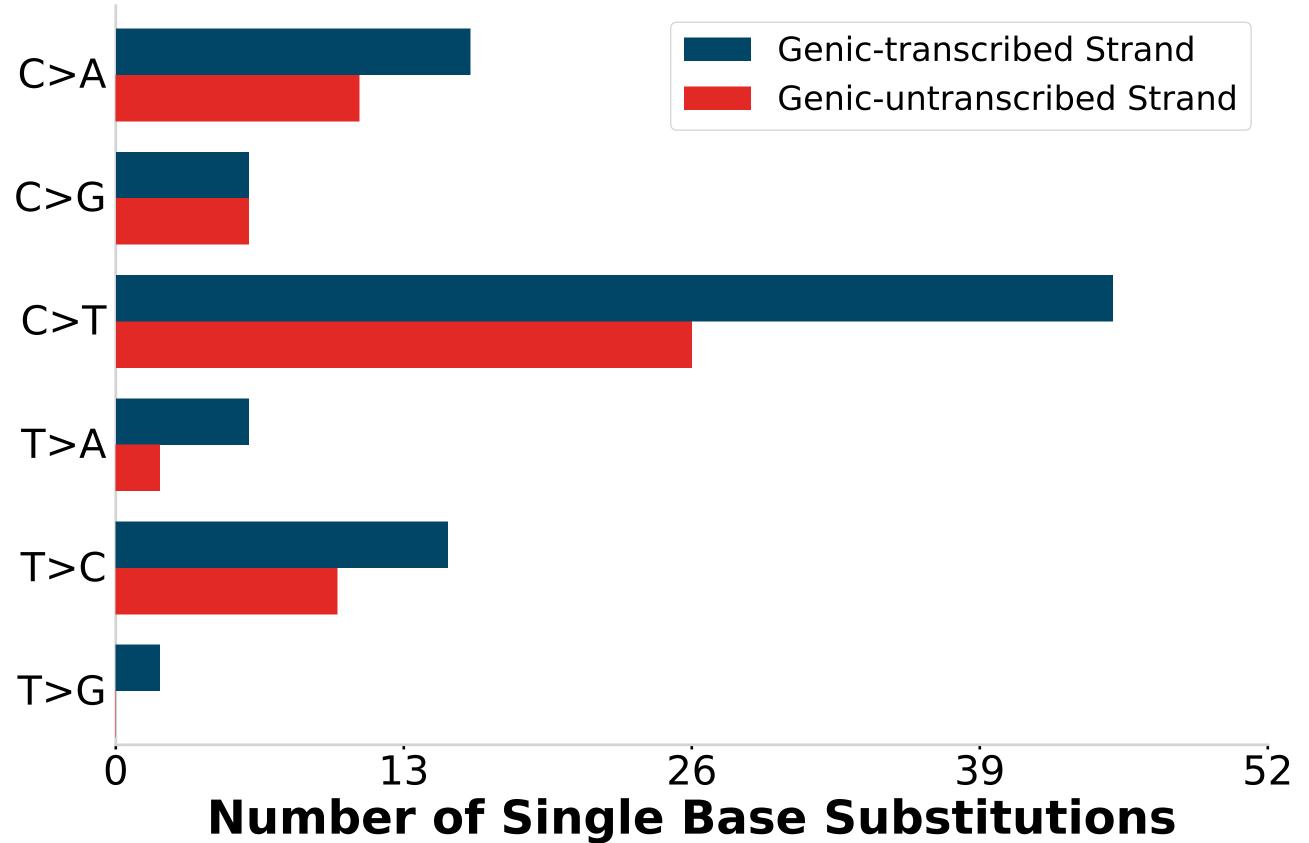
## TCGA-E5-A4U1-01A-11D-A31L-08: 540 trar



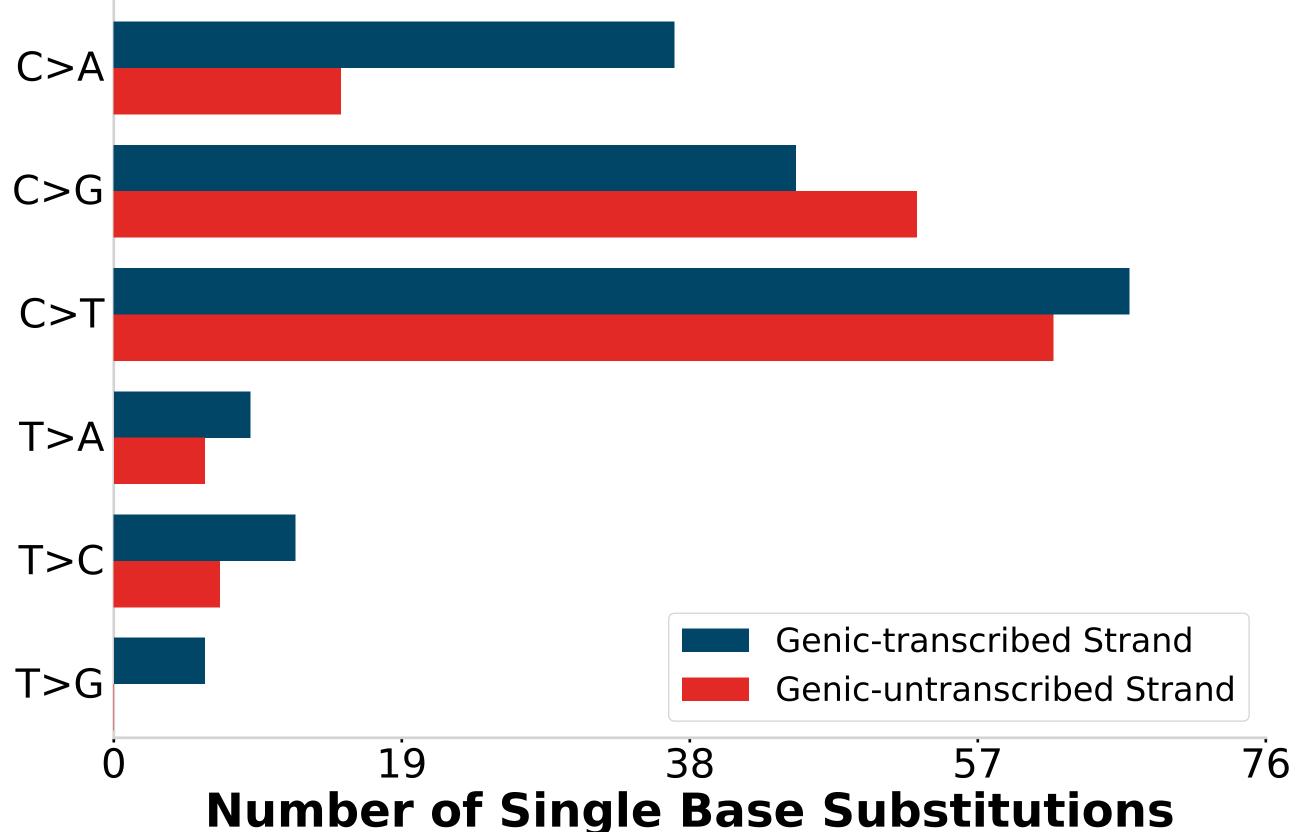
#### TCGA-E7-A3X6-01A-12D-A22Z-08: 87 trans



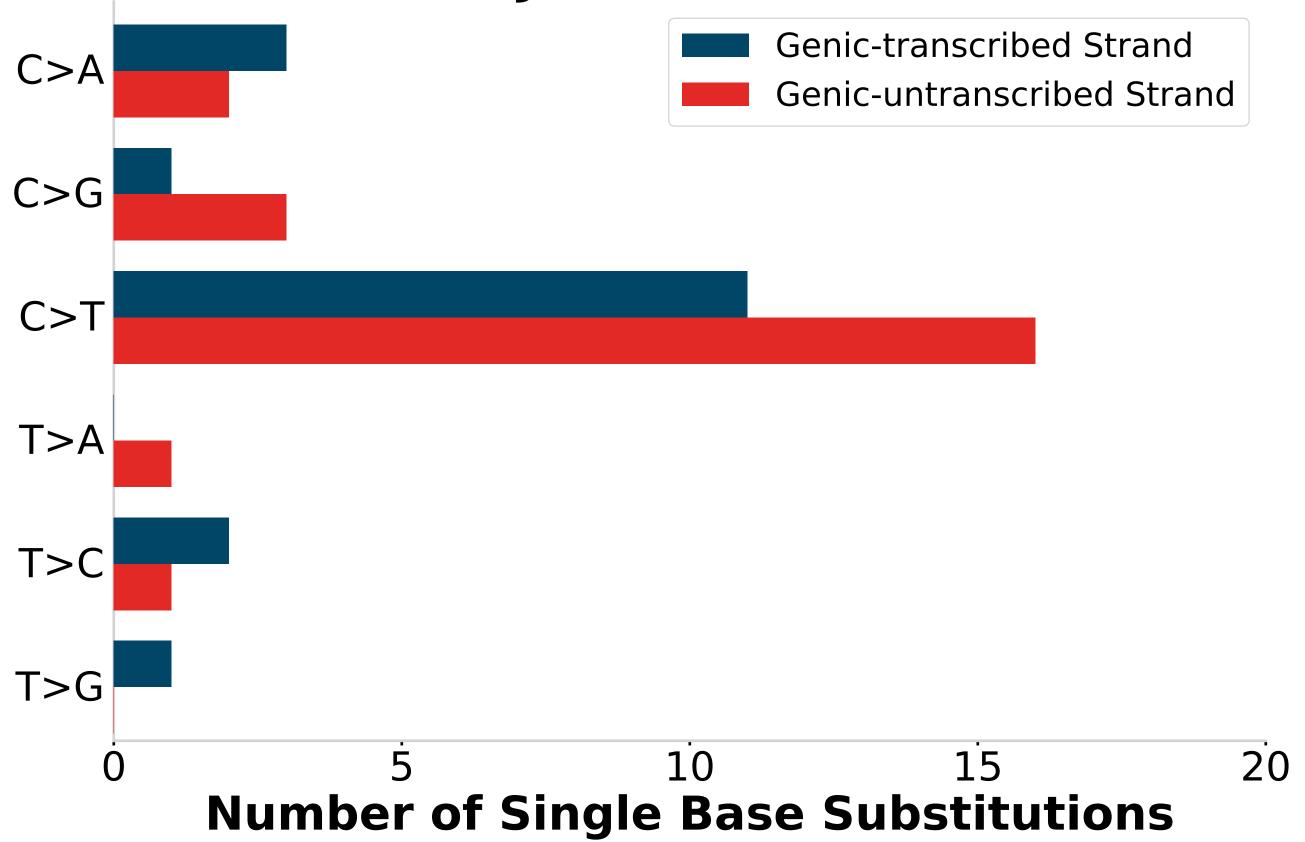
#### TCGA-E7-A3Y1-01A-11D-A22Z-08: 145 trar



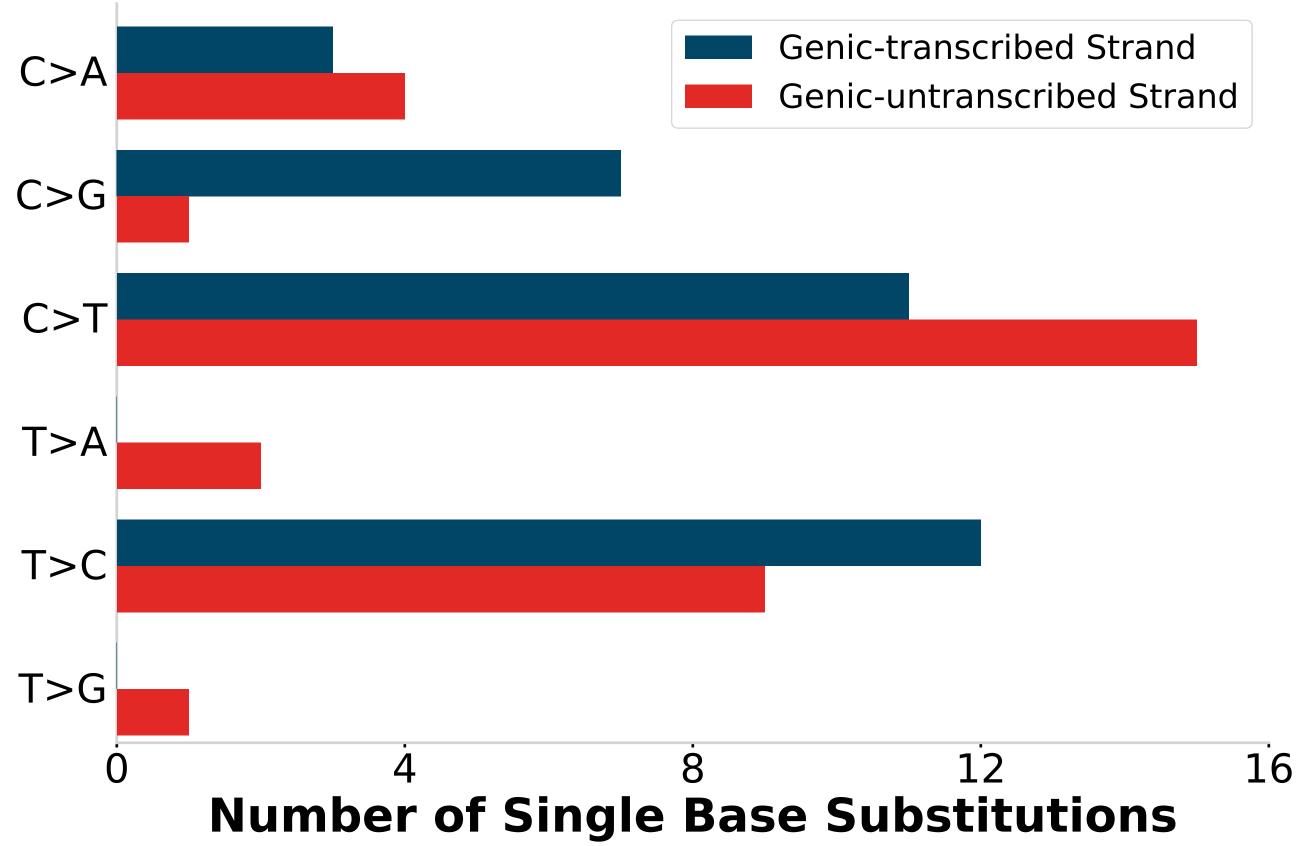
# TCGA-E7-A4IJ-01A-31D-A26M-08: 319 tran



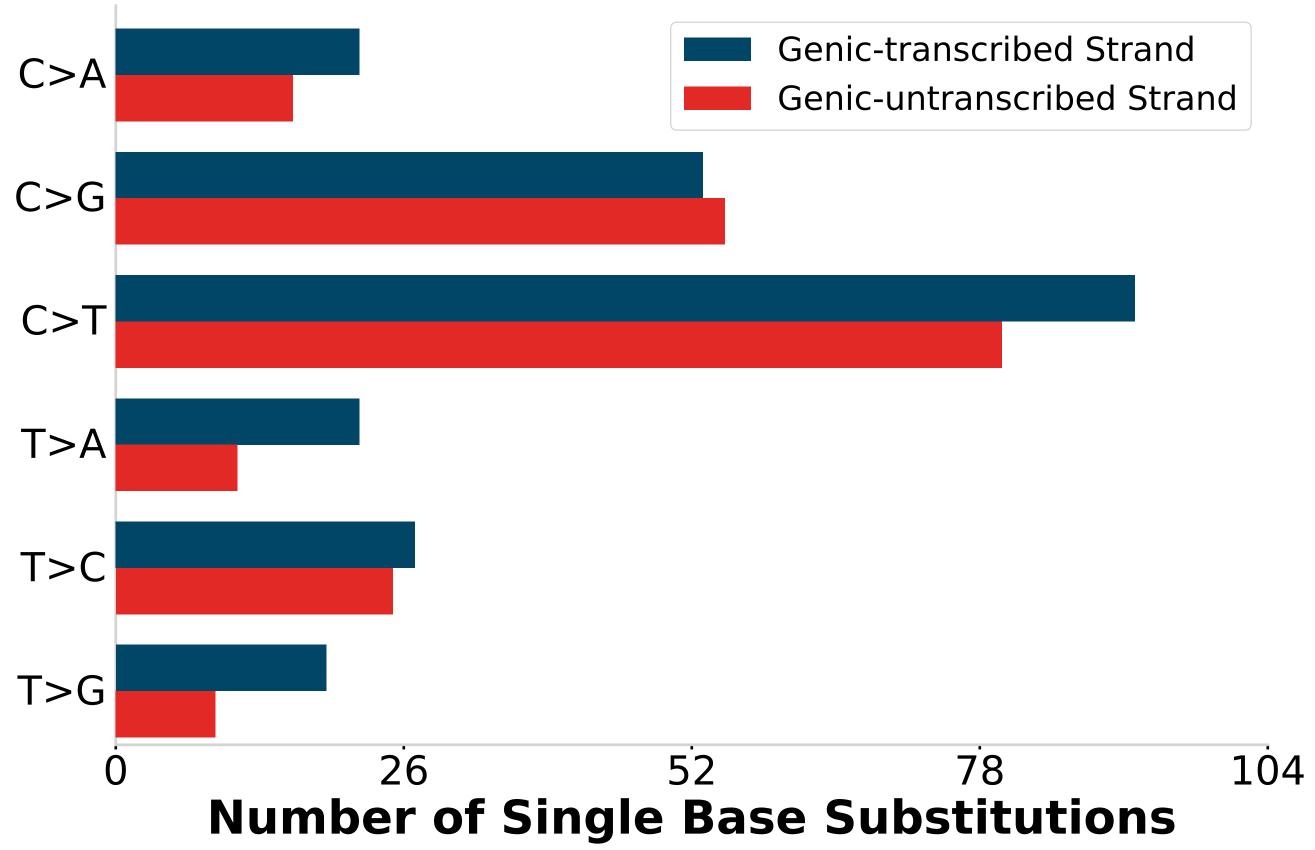
## TCGA-E7-A4XJ-01A-11D-A26M-08: 41 trans



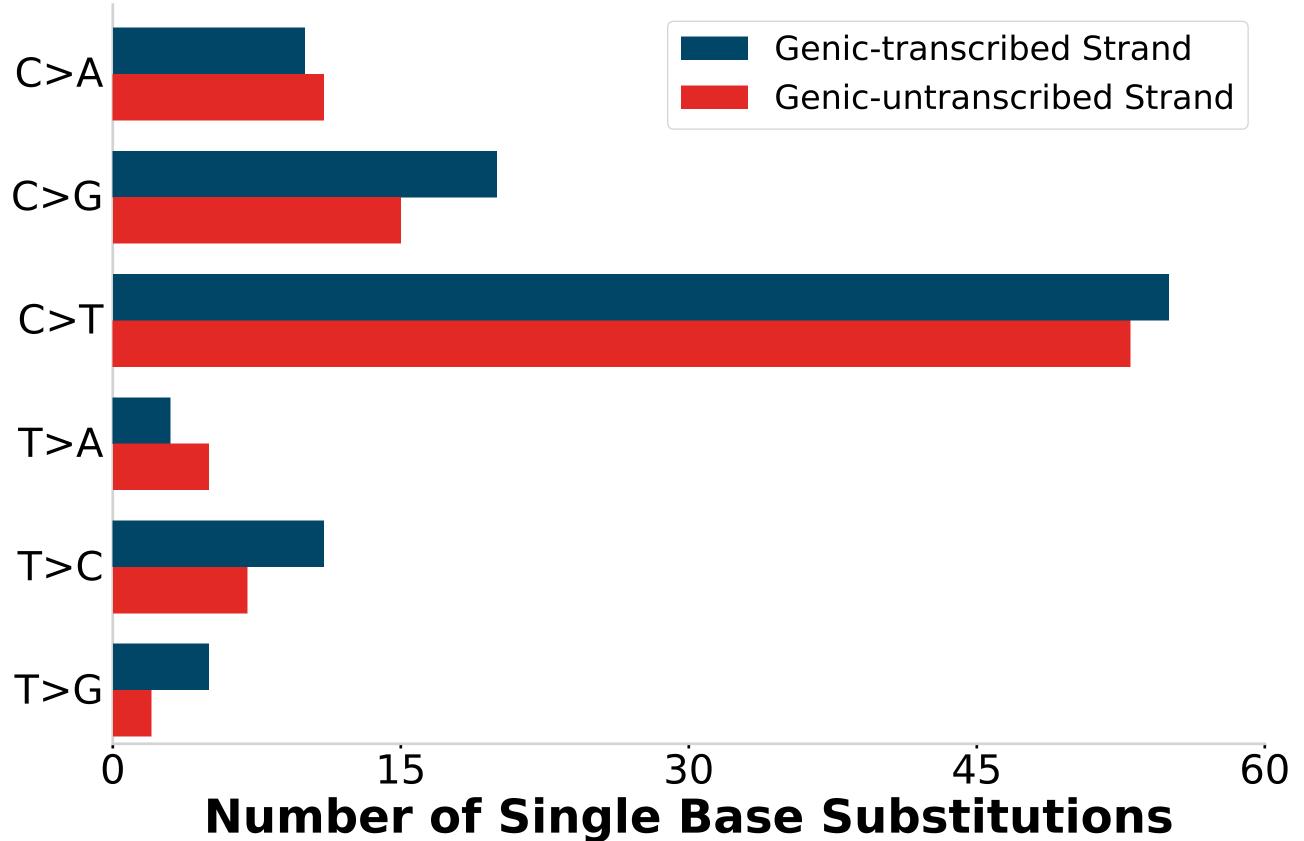
## TCGA-E7-A519-01A-11D-A26M-08: 65 tran



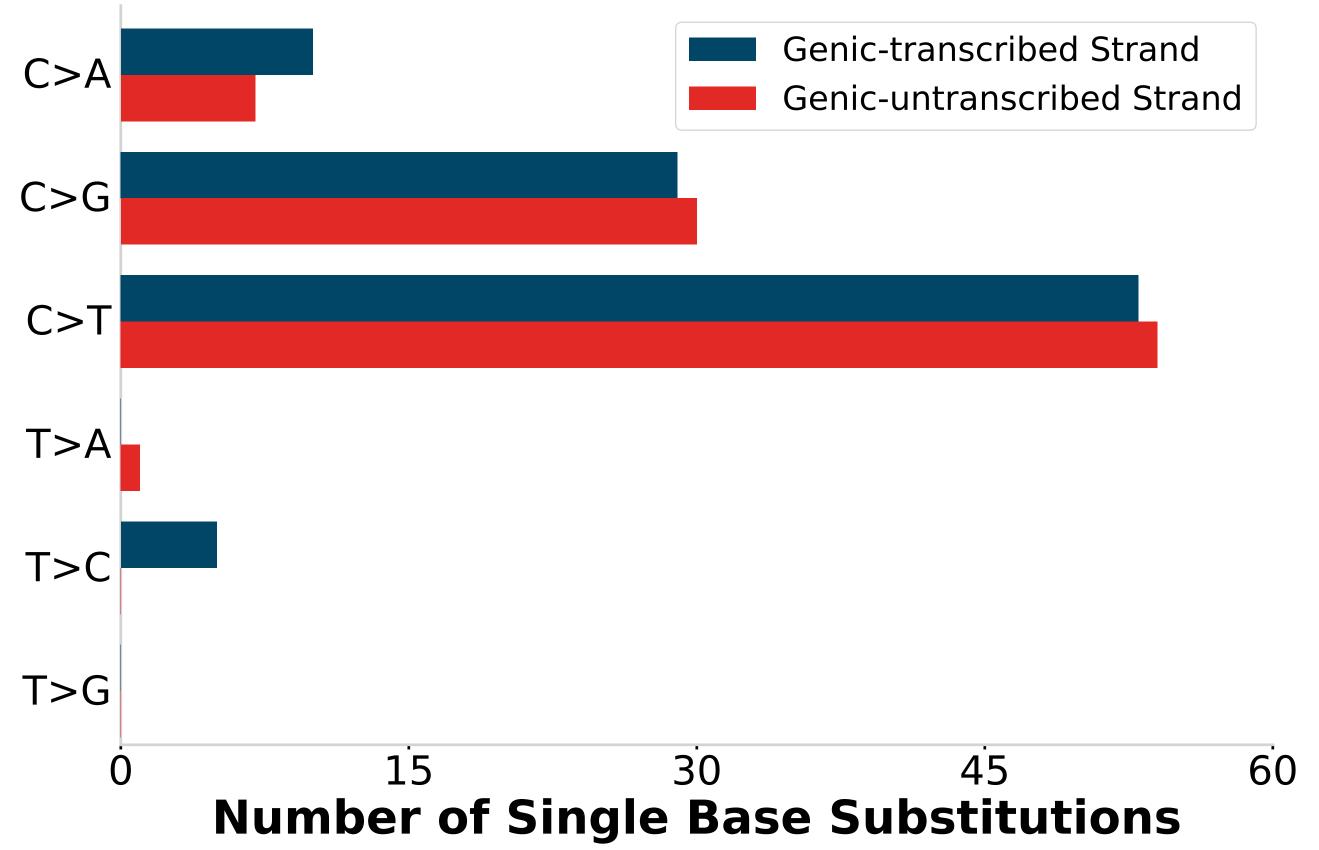
### TCGA-E7-A541-01A-11D-A26M-08: 431 tra



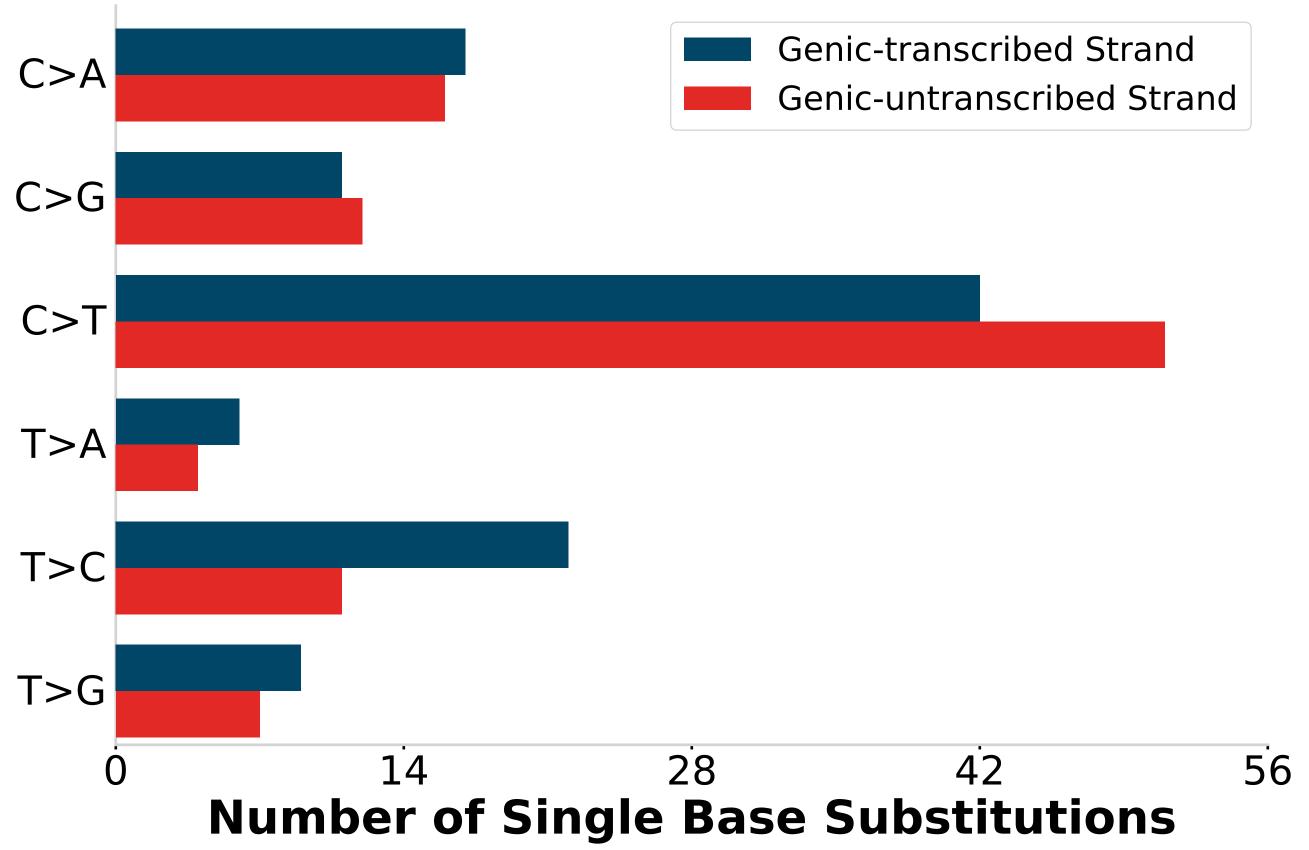
## TCGA-E7-A5KE-01A-11D-A289-08: 197 tran



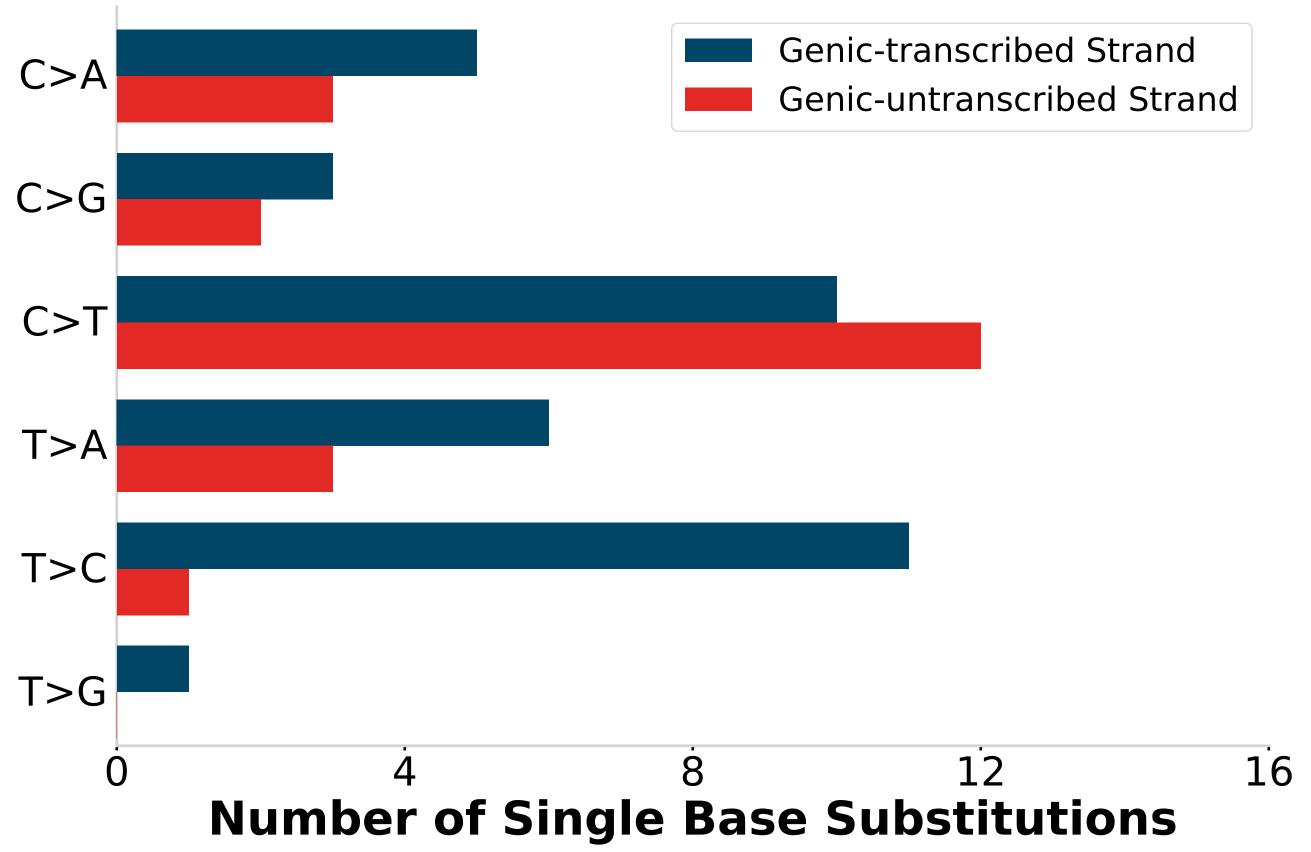
### TCGA-E7-A5KF-01A-11D-A289-08: 189 trar



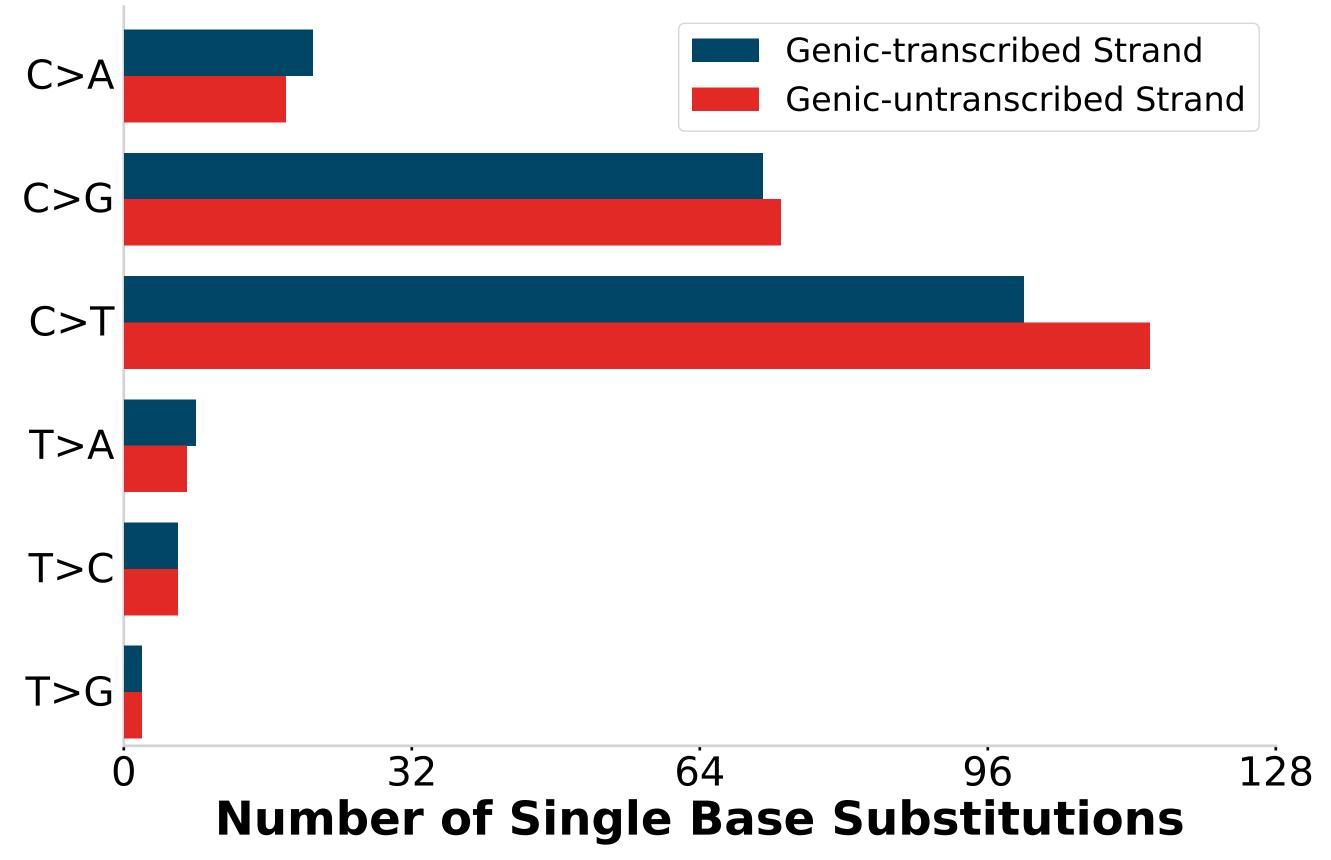
### TCGA-E7-A677-01A-11D-A30E-08: 208 trar



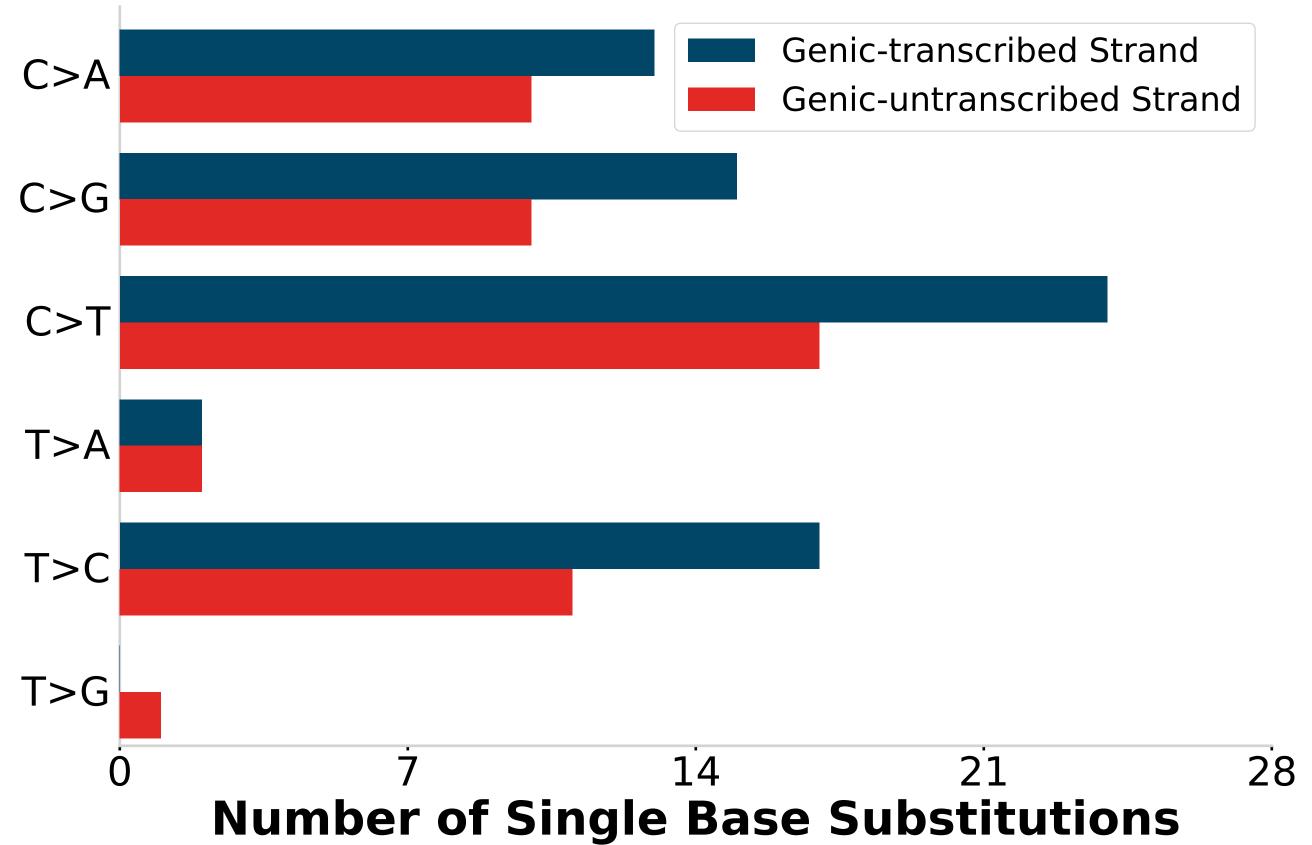
### TCGA-E7-A678-01A-11D-A30E-08: 57 trans



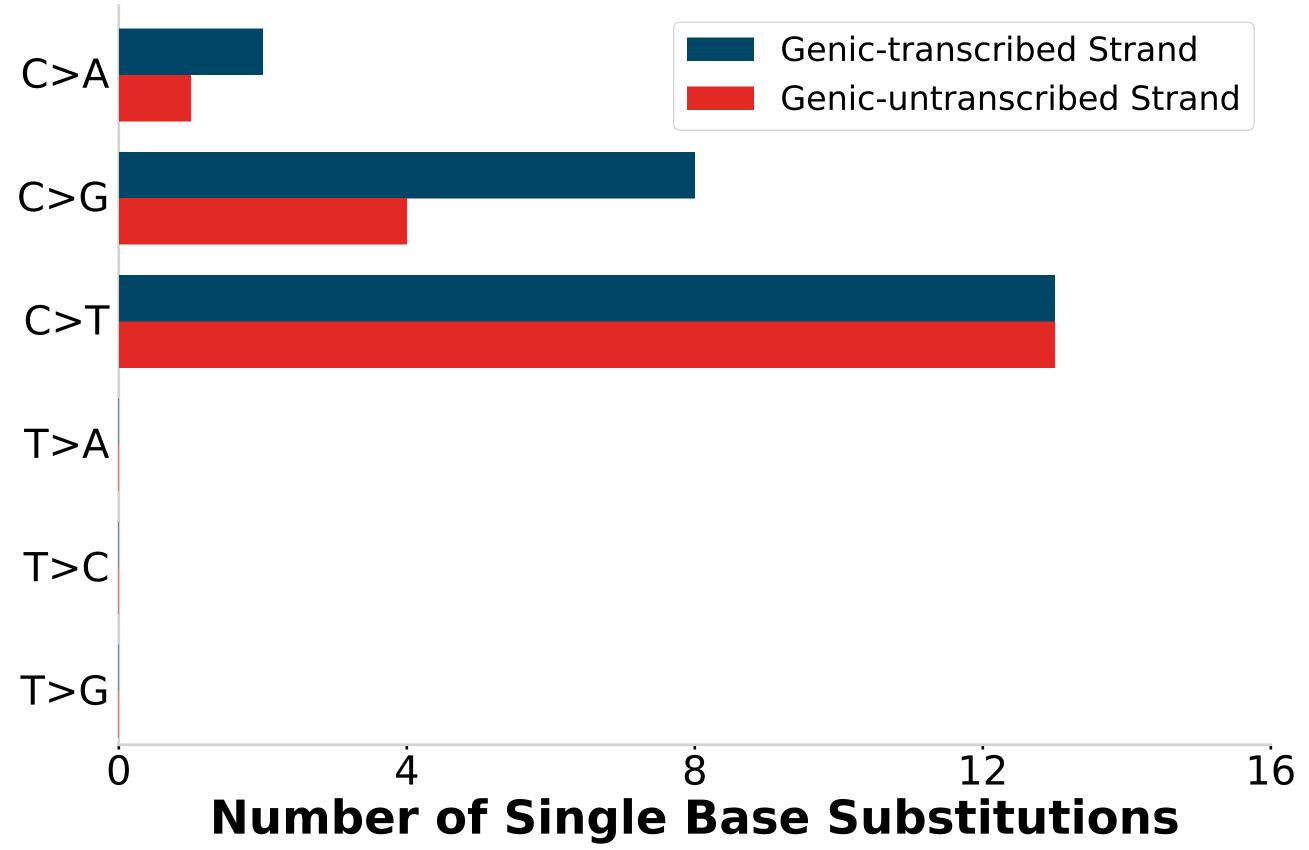
### TCGA-E7-A6MD-01A-41D-A34U-08: 428 tra



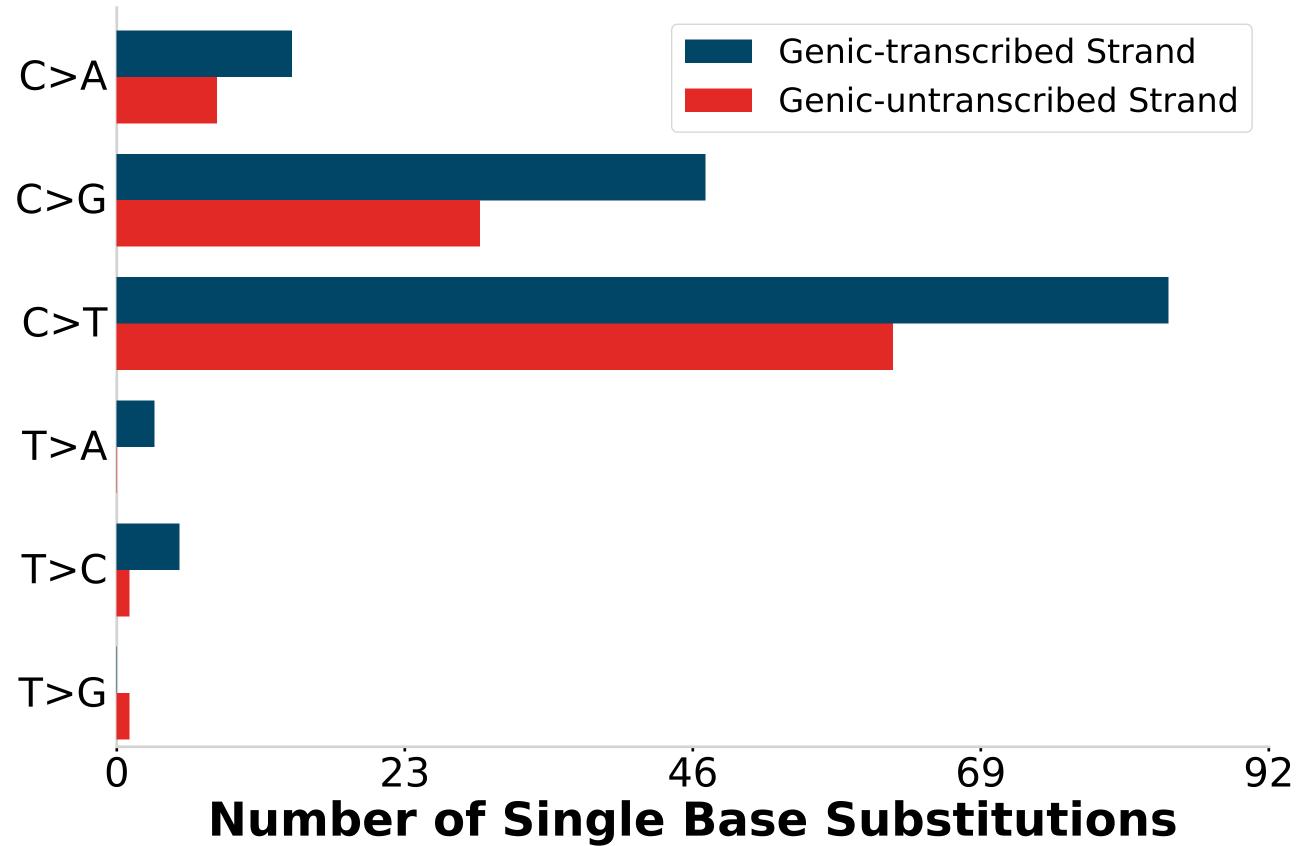
#### TCGA-E7-A6ME-01A-22D-A32B-08: 122 tra



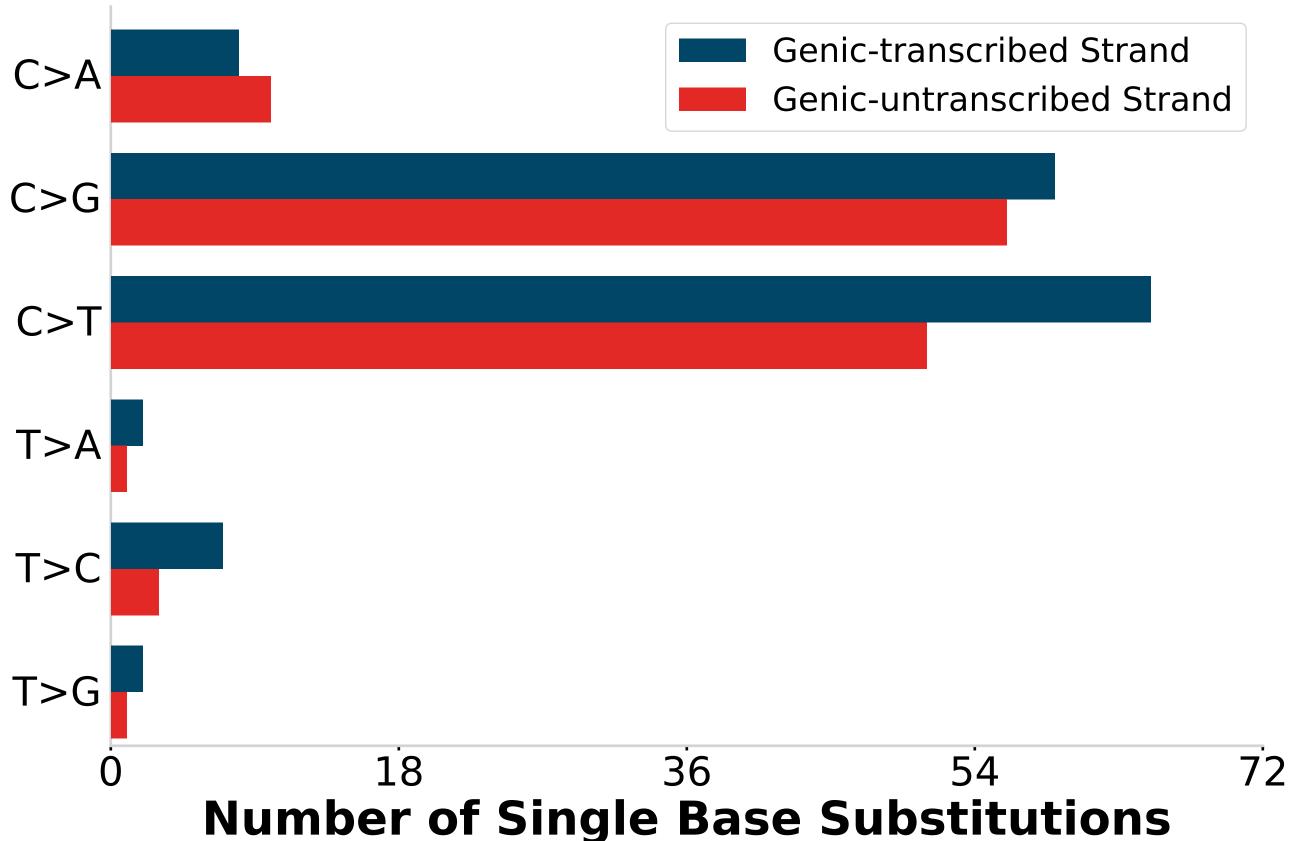
### TCGA-E7-A6MF-01A-12D-A32B-08: 41 tran



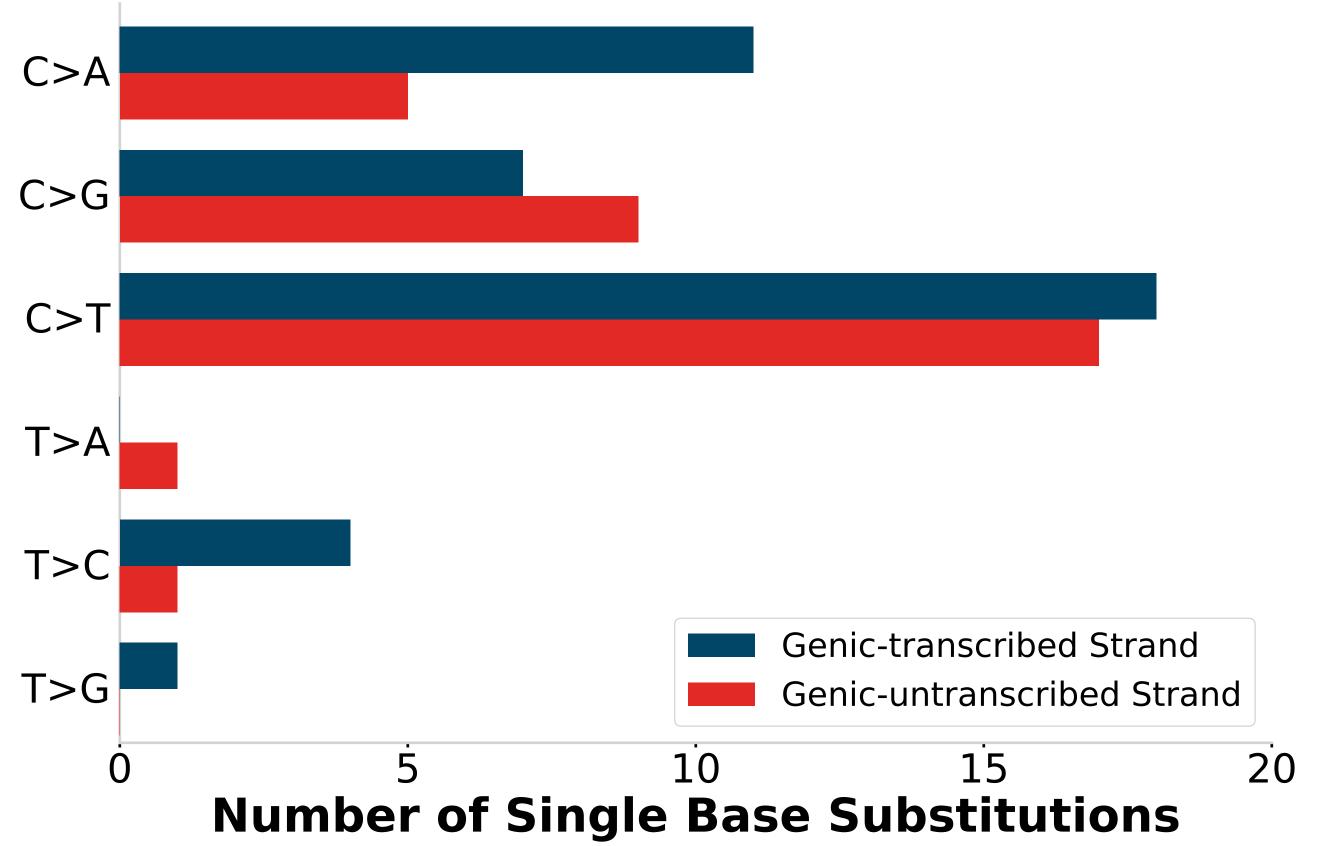
### TCGA-E7-A7DU-01A-11D-A32B-08: 254 tra



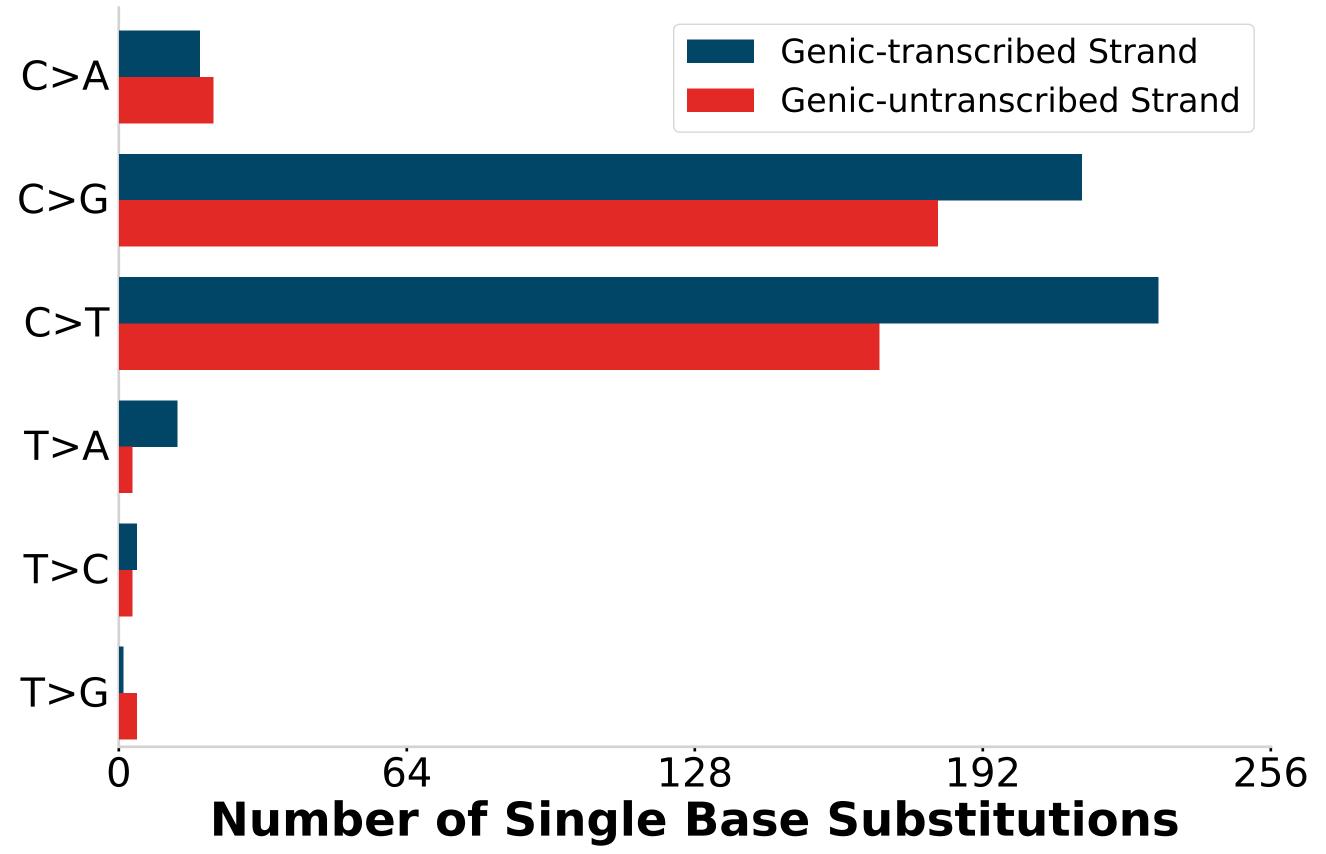
## TCGA-E7-A7DV-01A-11D-A339-08: 265 trai



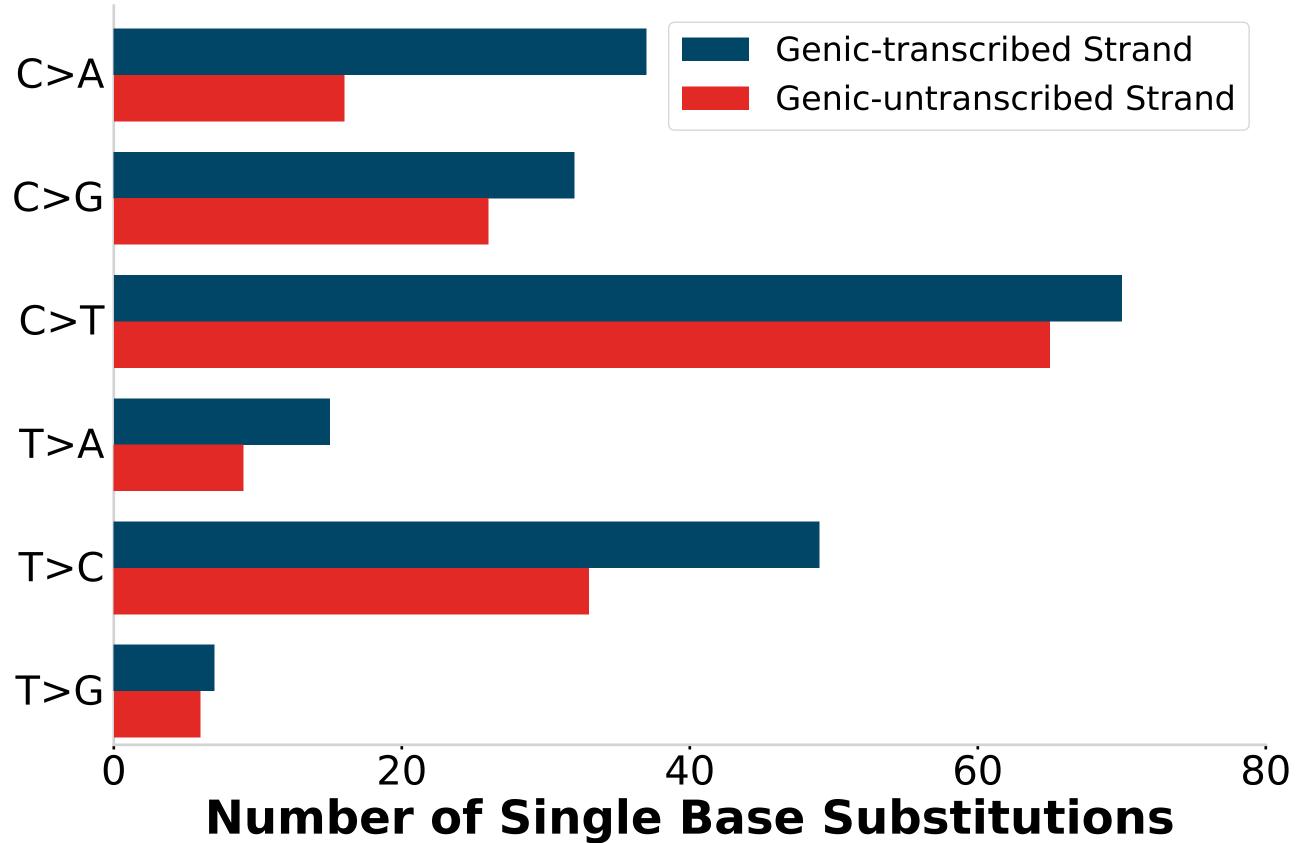
### TCGA-E7-A7PW-01A-11D-A34U-08: 74 tran



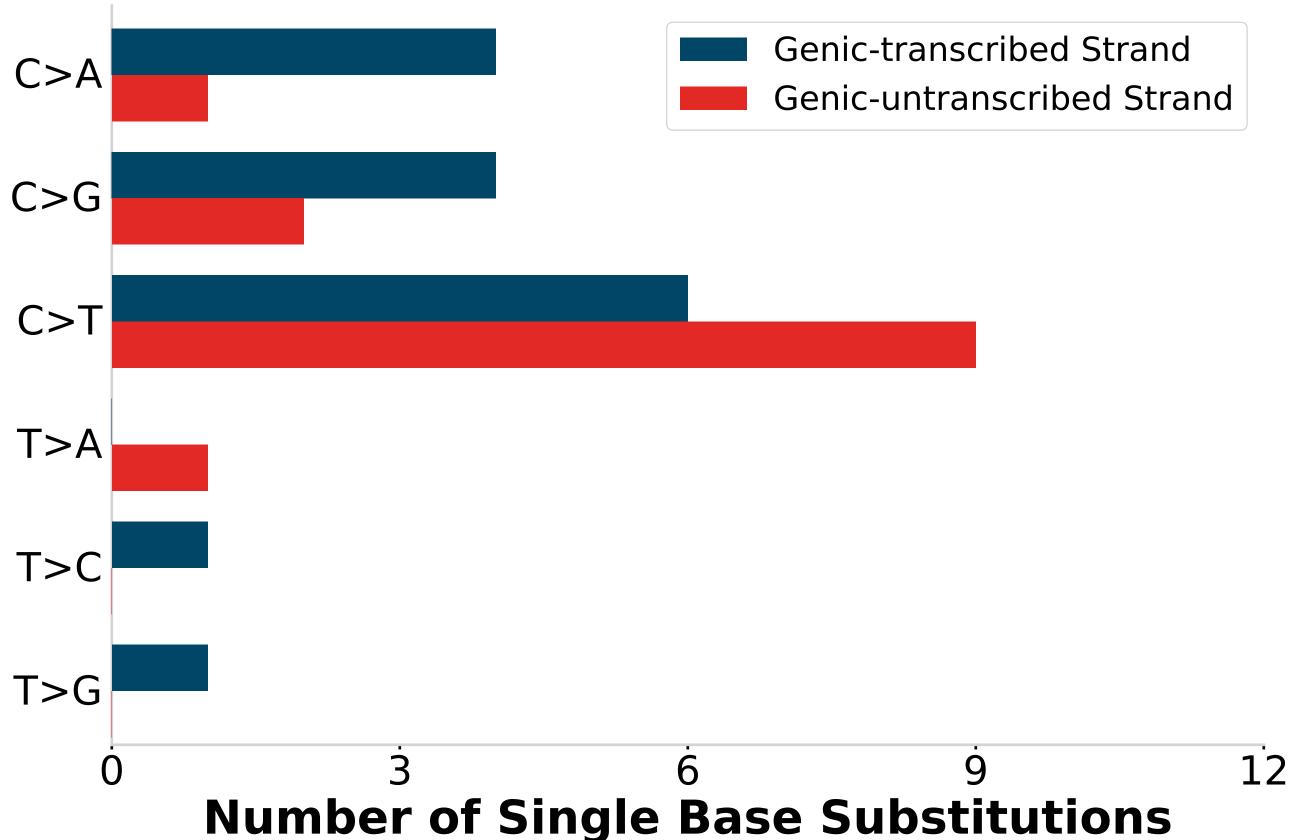
### TCGA-E7-A7XN-01A-11D-A34U-08: 863 tra



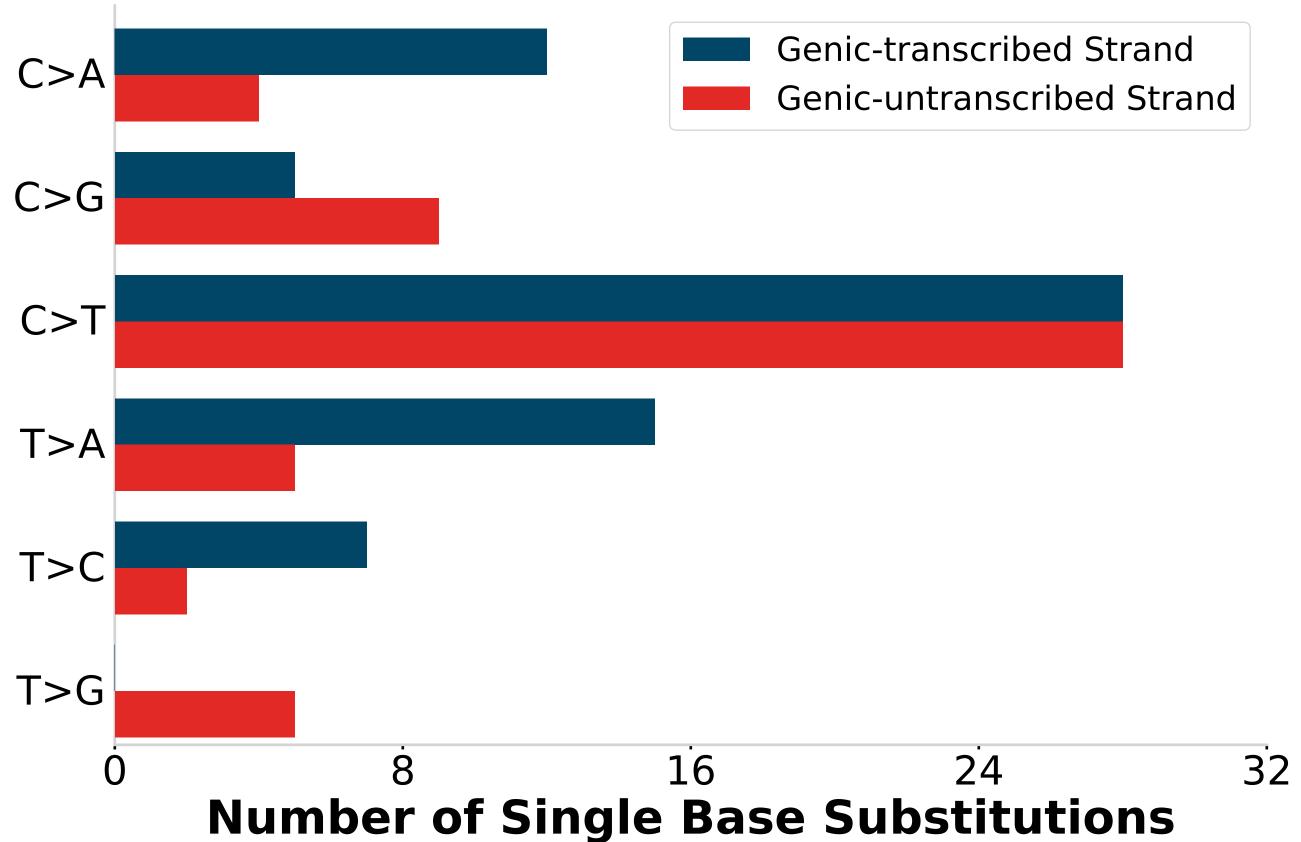
### TCGA-E7-A85H-01A-11D-A34U-08: 365 trail



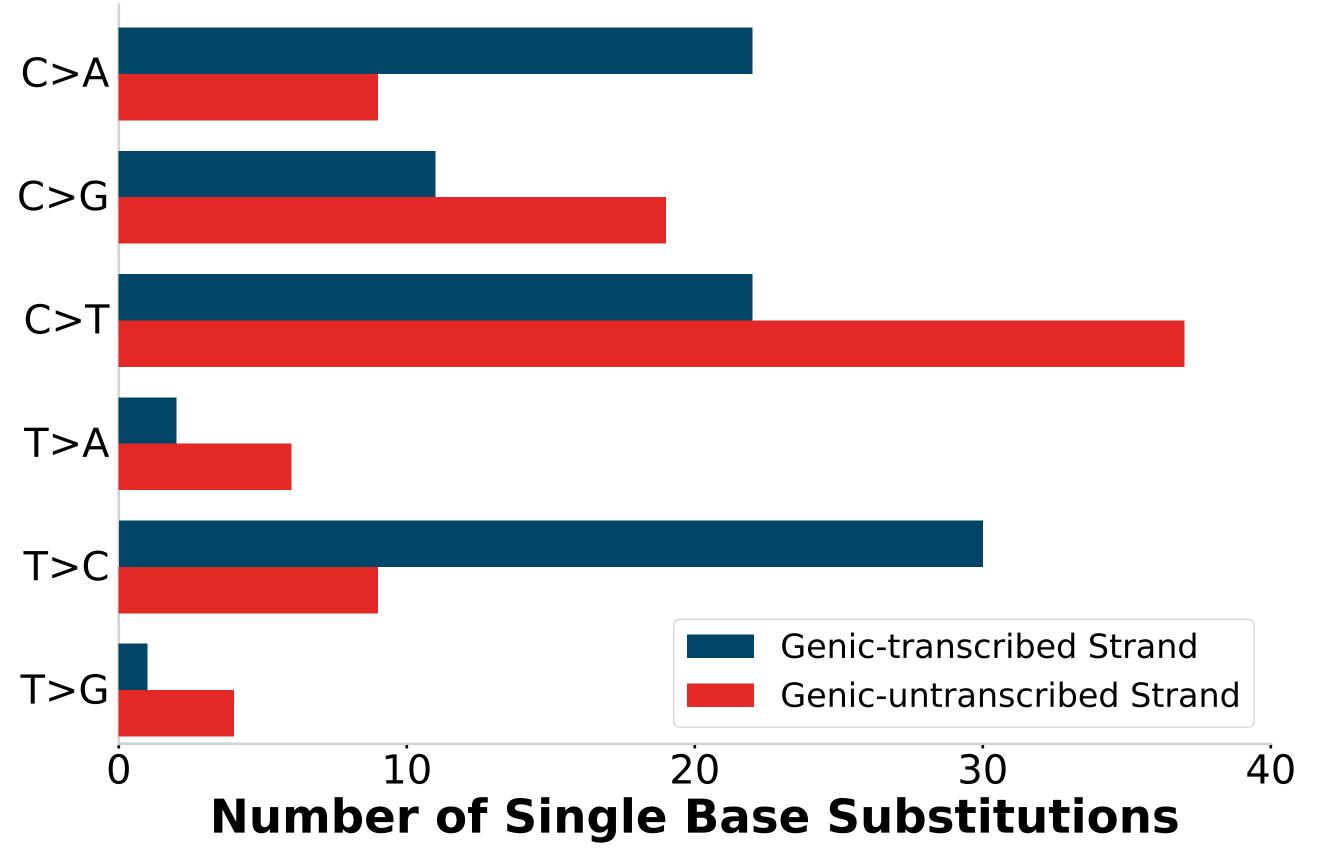
### TCGA-E7-A807-01A-11D-A364-08: 29 trans



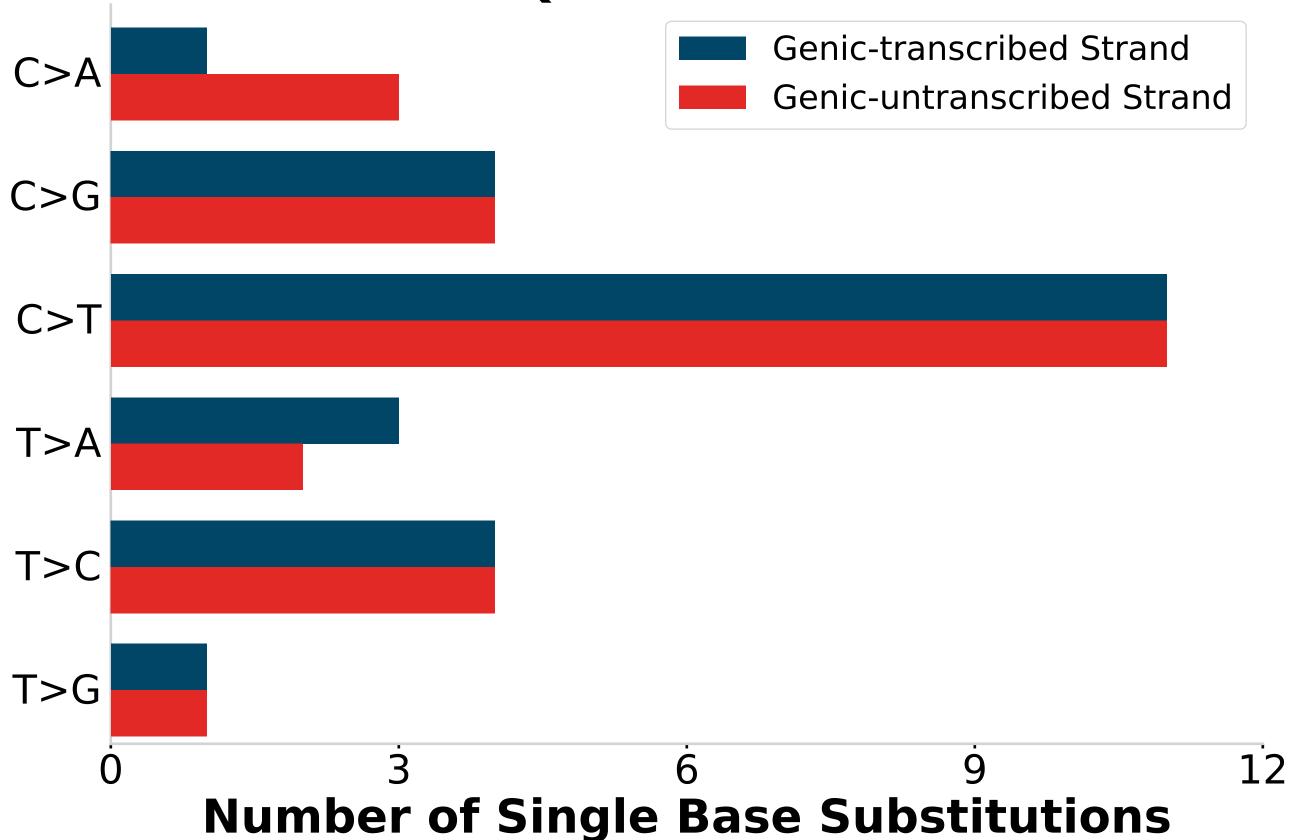
### TCGA-E7-A808-01A-11D-A364-08: 120 trail



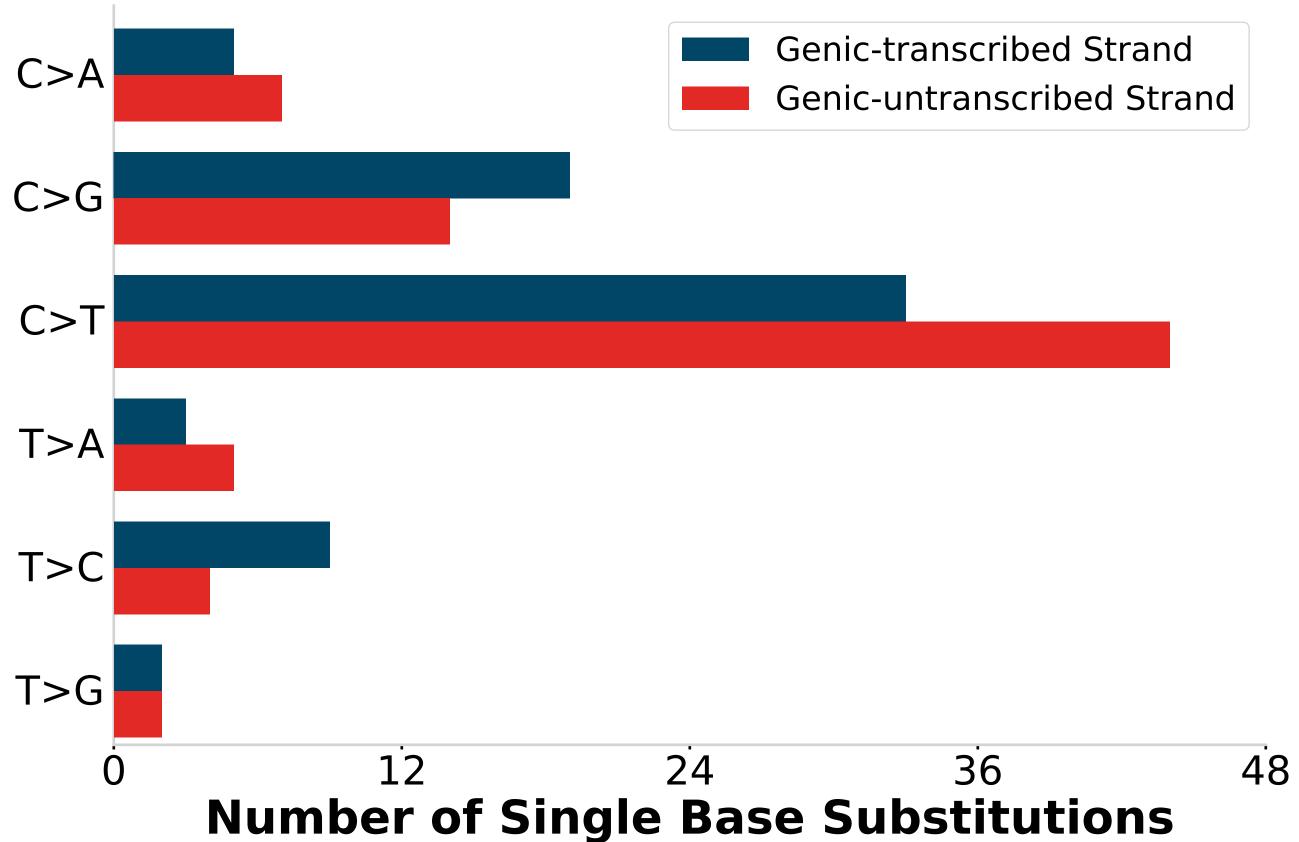
### TCGA-E7-A97P-01A-11D-A38G-08: 172 trai



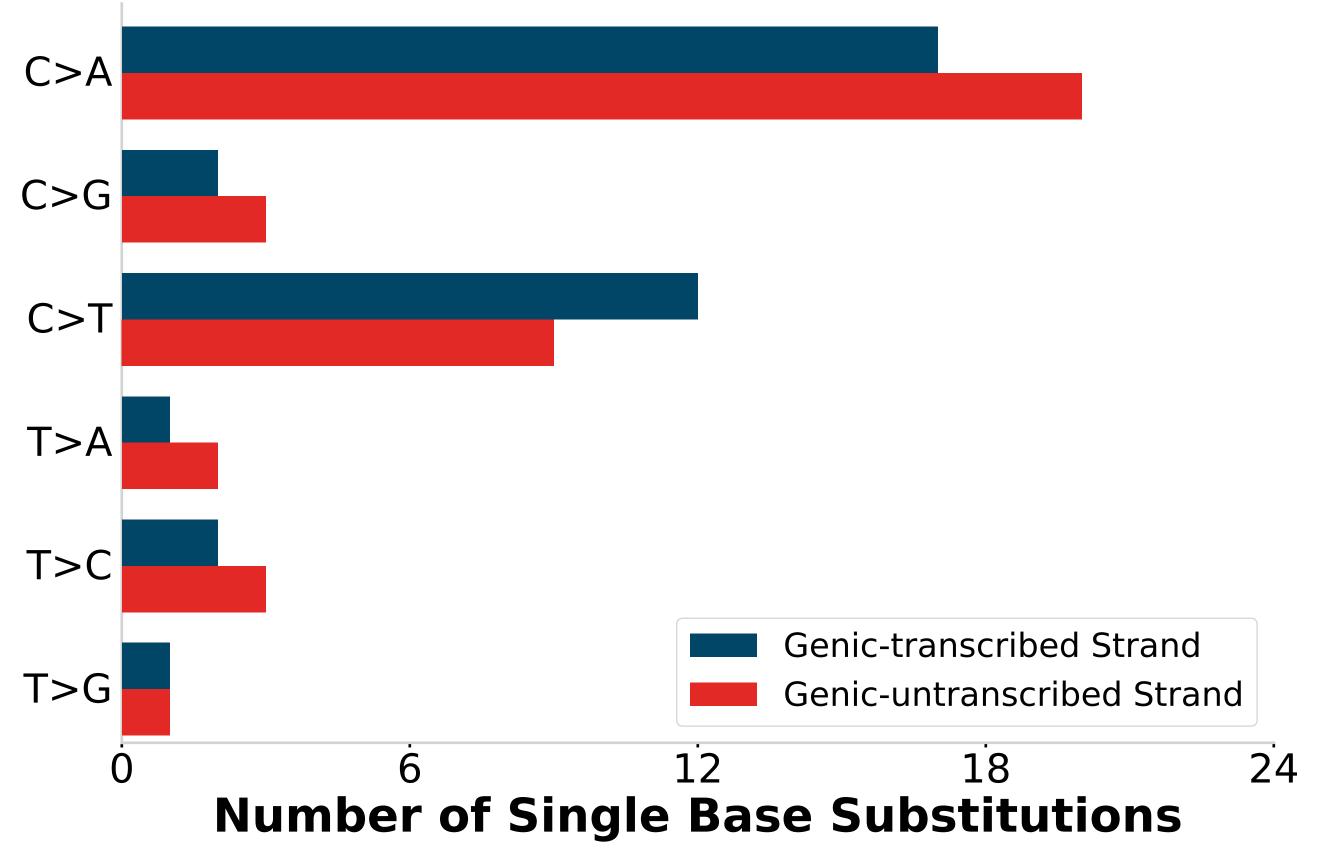
## TCGA-E7-A97Q-01A-11D-A38G-08: 49 tran



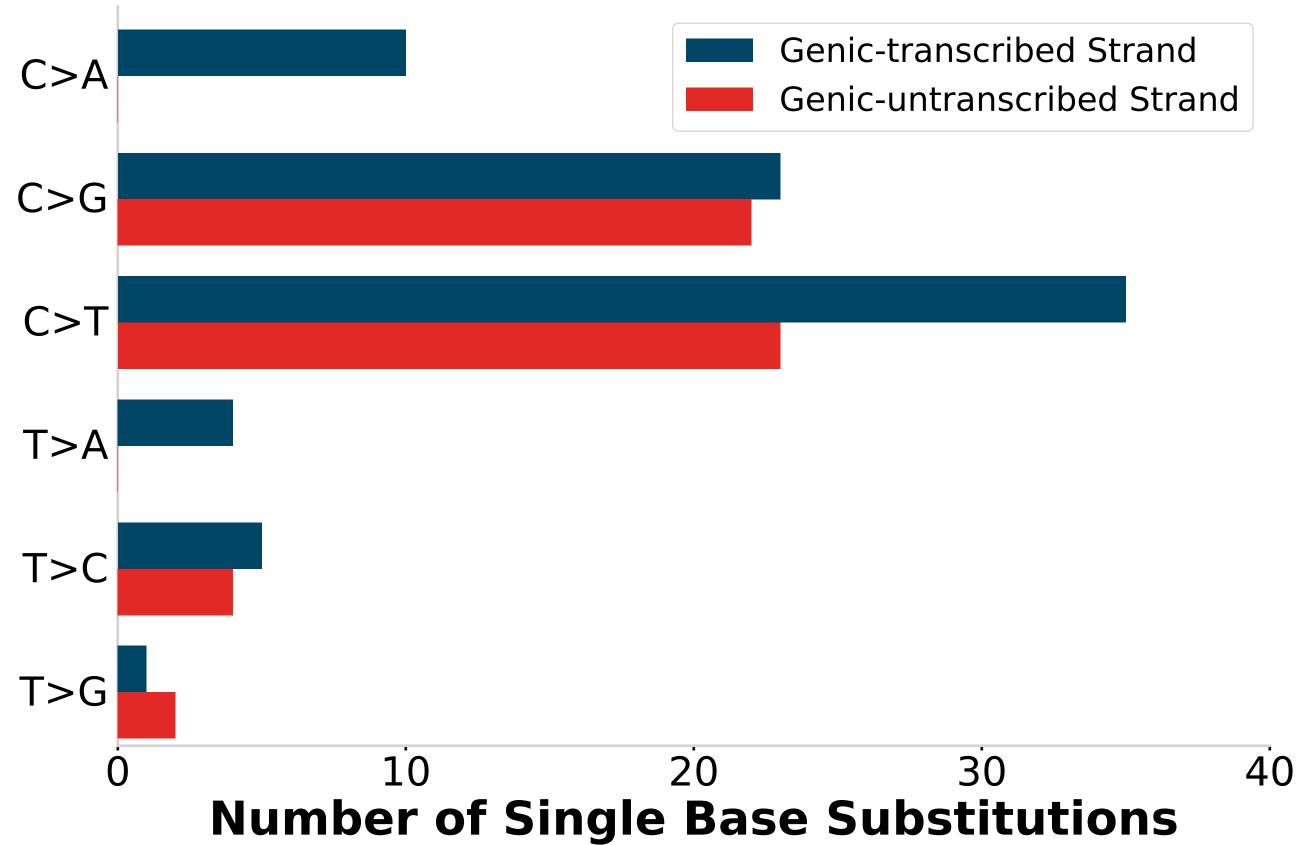
### TCGA-FD-A3B3-01A-12D-A202-08: 147 trail



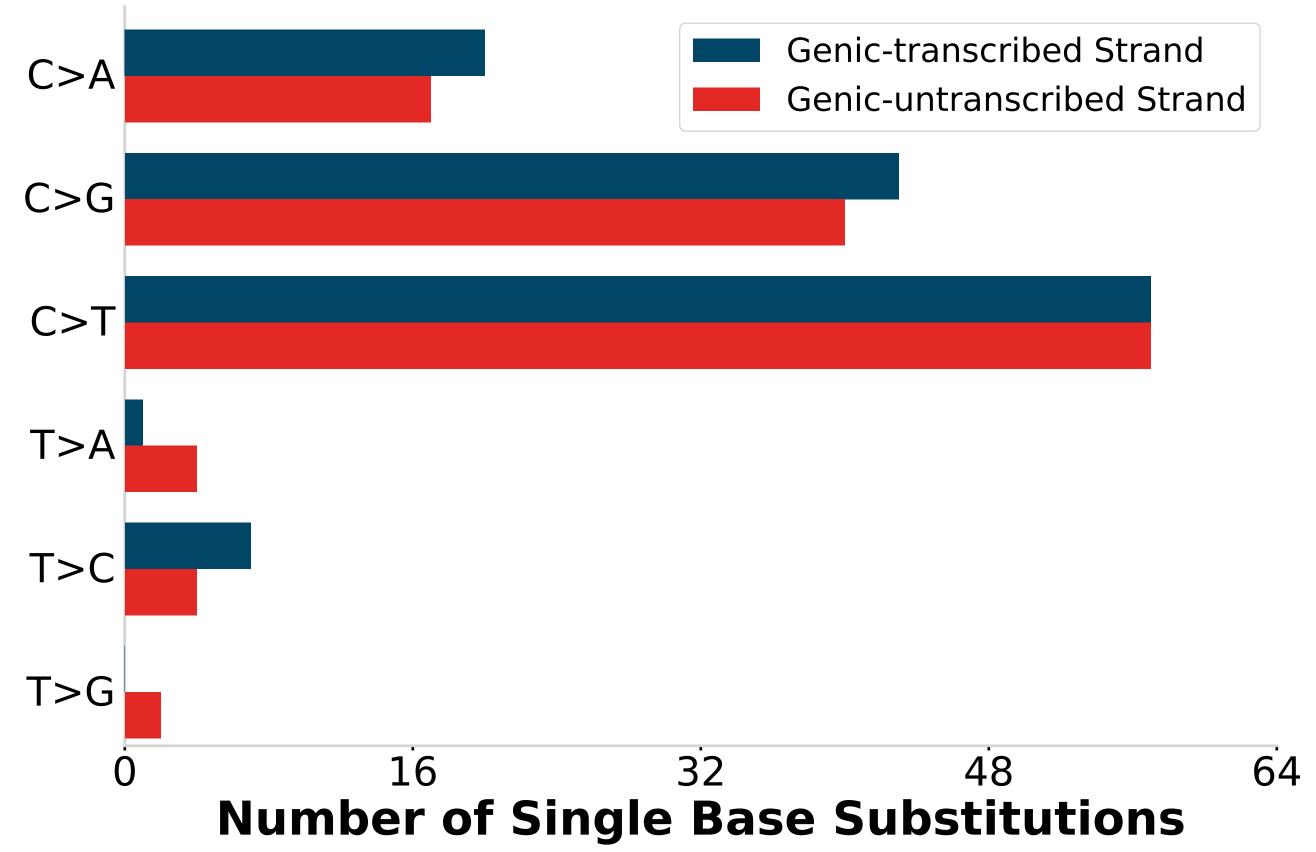
### TCGA-FD-A3B4-01A-12D-A202-08: 73 trans



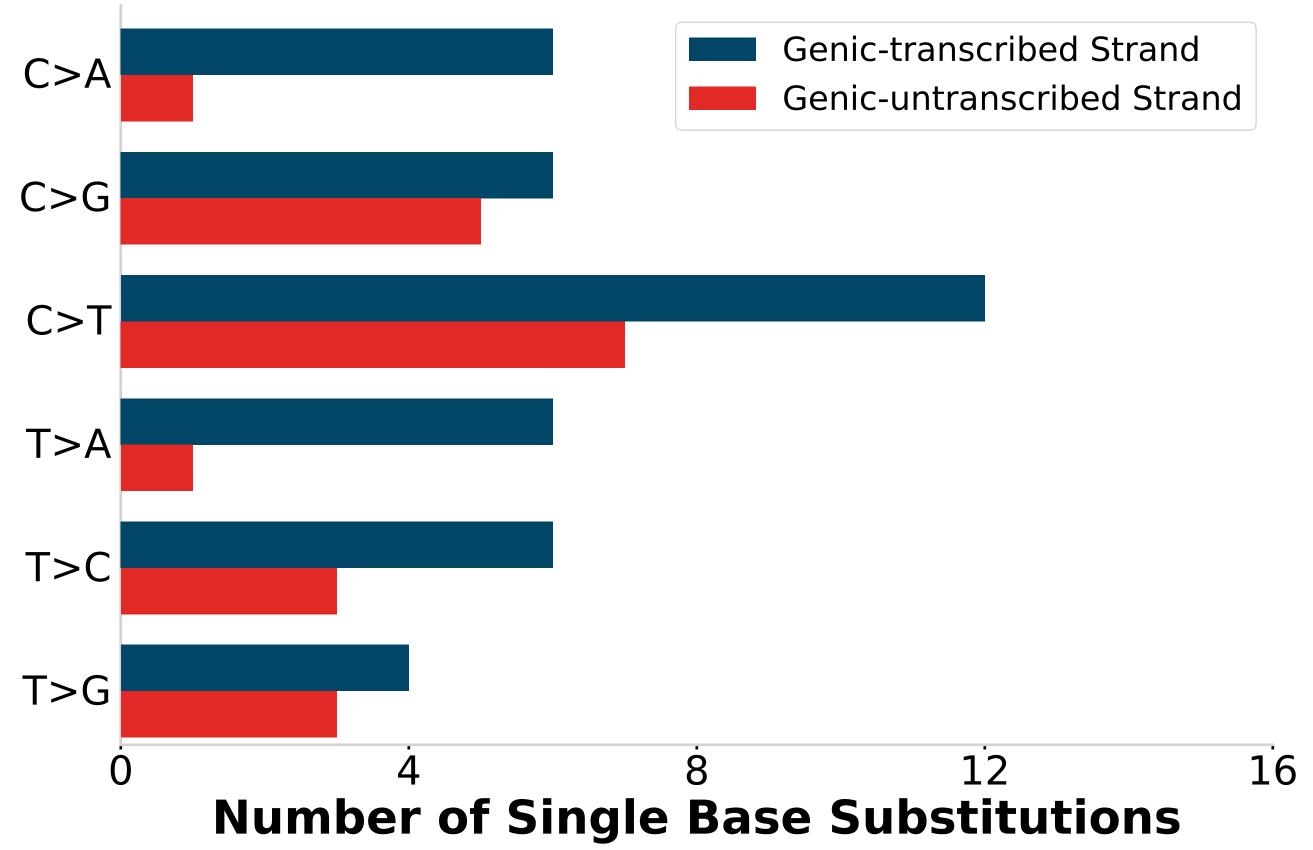
#### TCGA-FD-A3B5-01A-11D-A20D-08: 129 tra



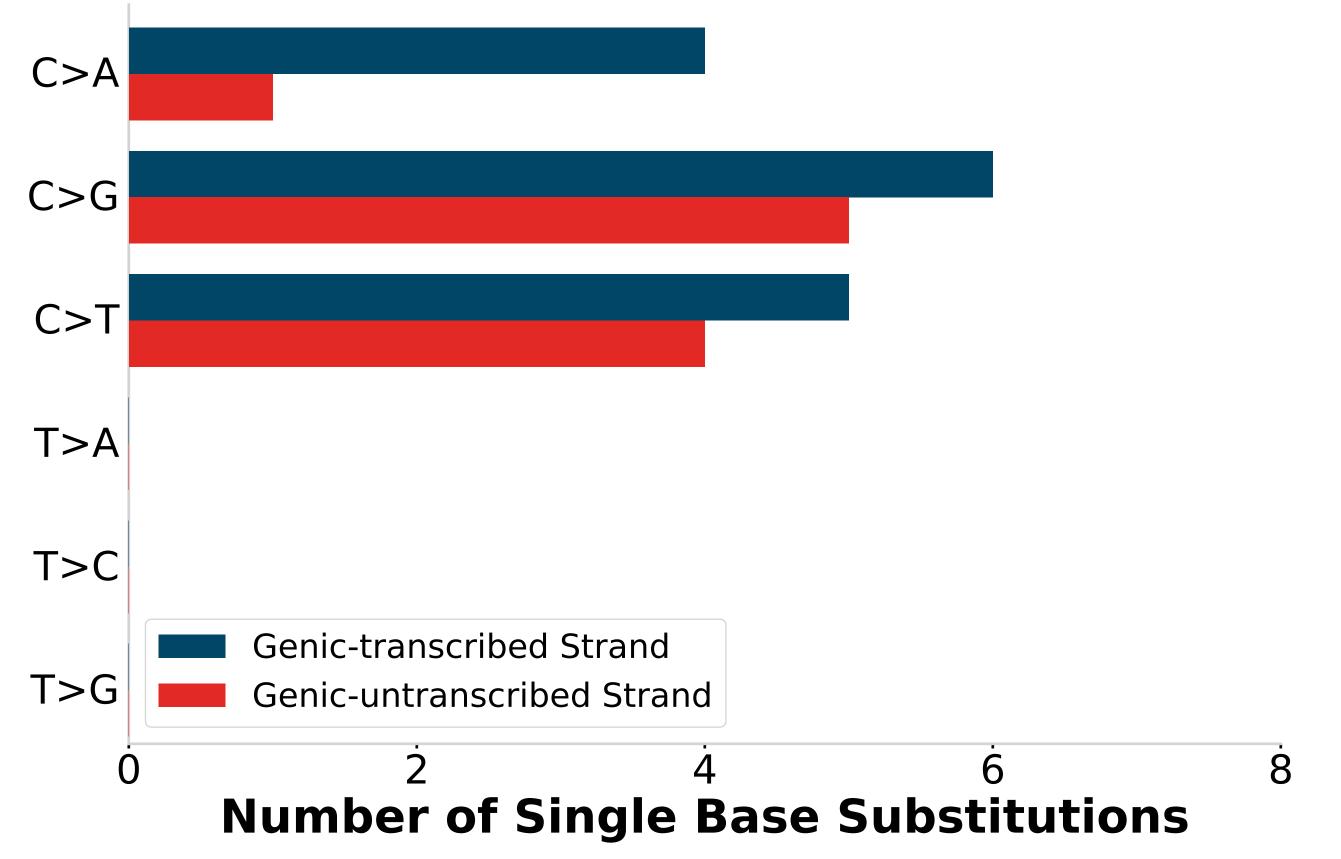
### TCGA-FD-A3B6-01A-21D-A20D-08: 252 tra



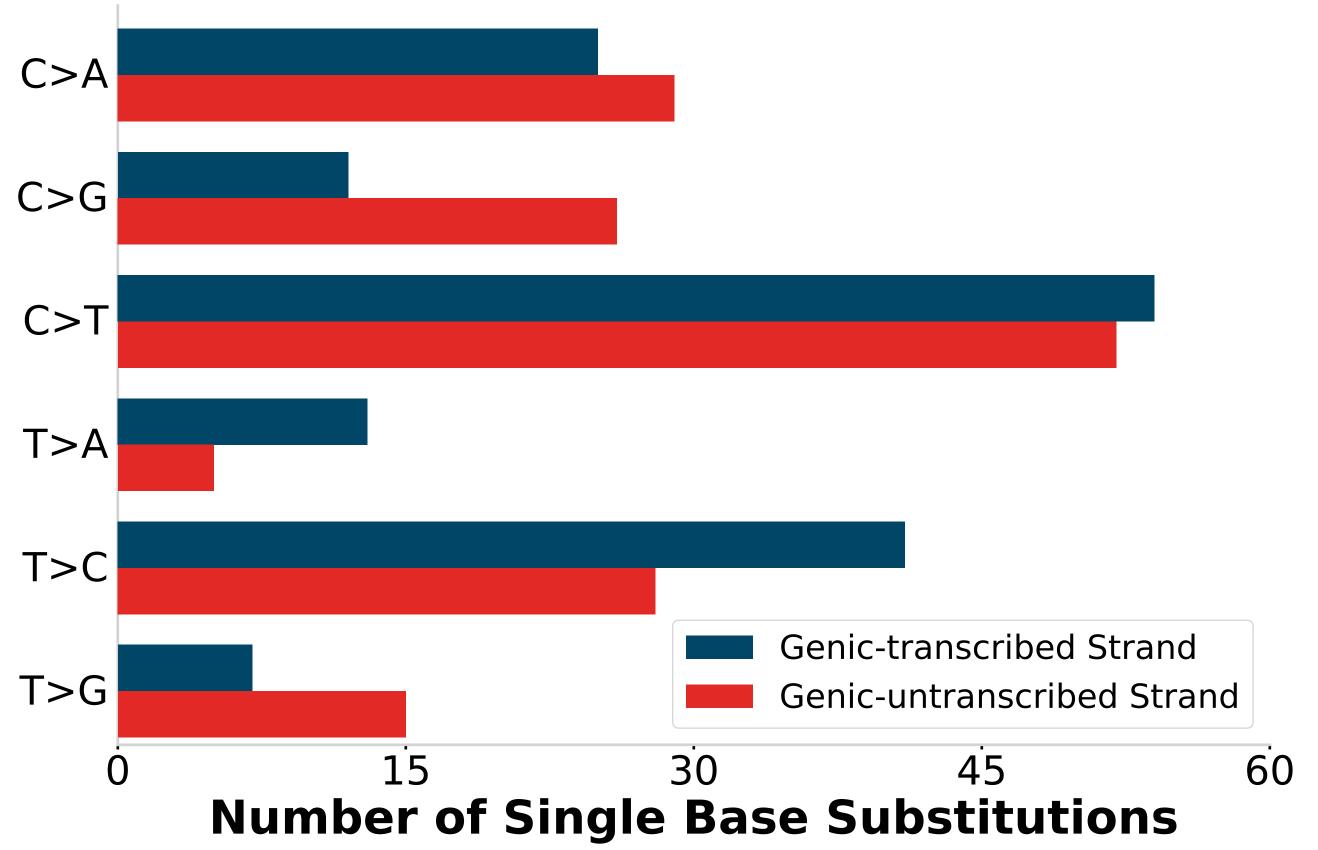
### TCGA-FD-A3B7-01A-31D-A20D-08: 60 tran



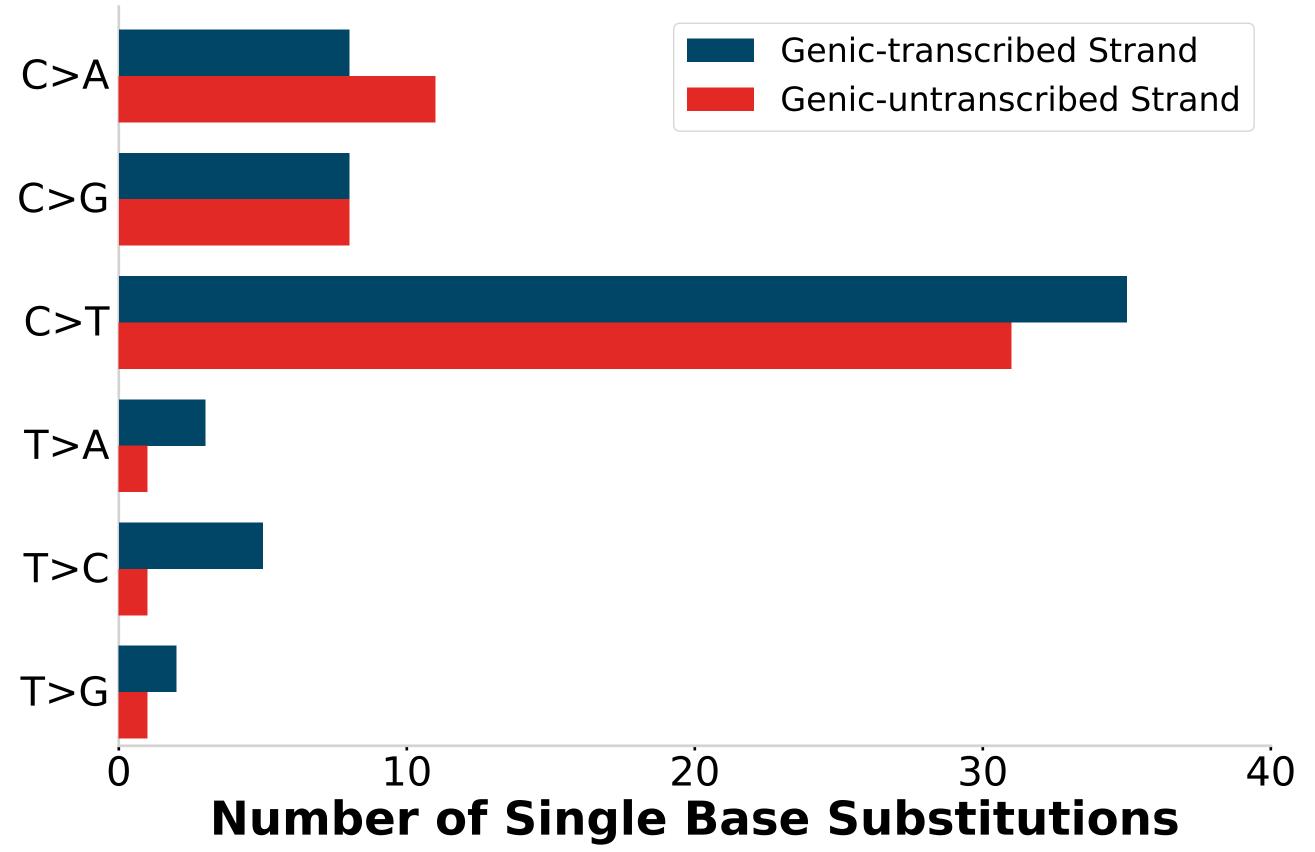
### TCGA-FD-A3B8-01A-31D-A20D-08: 25 tran



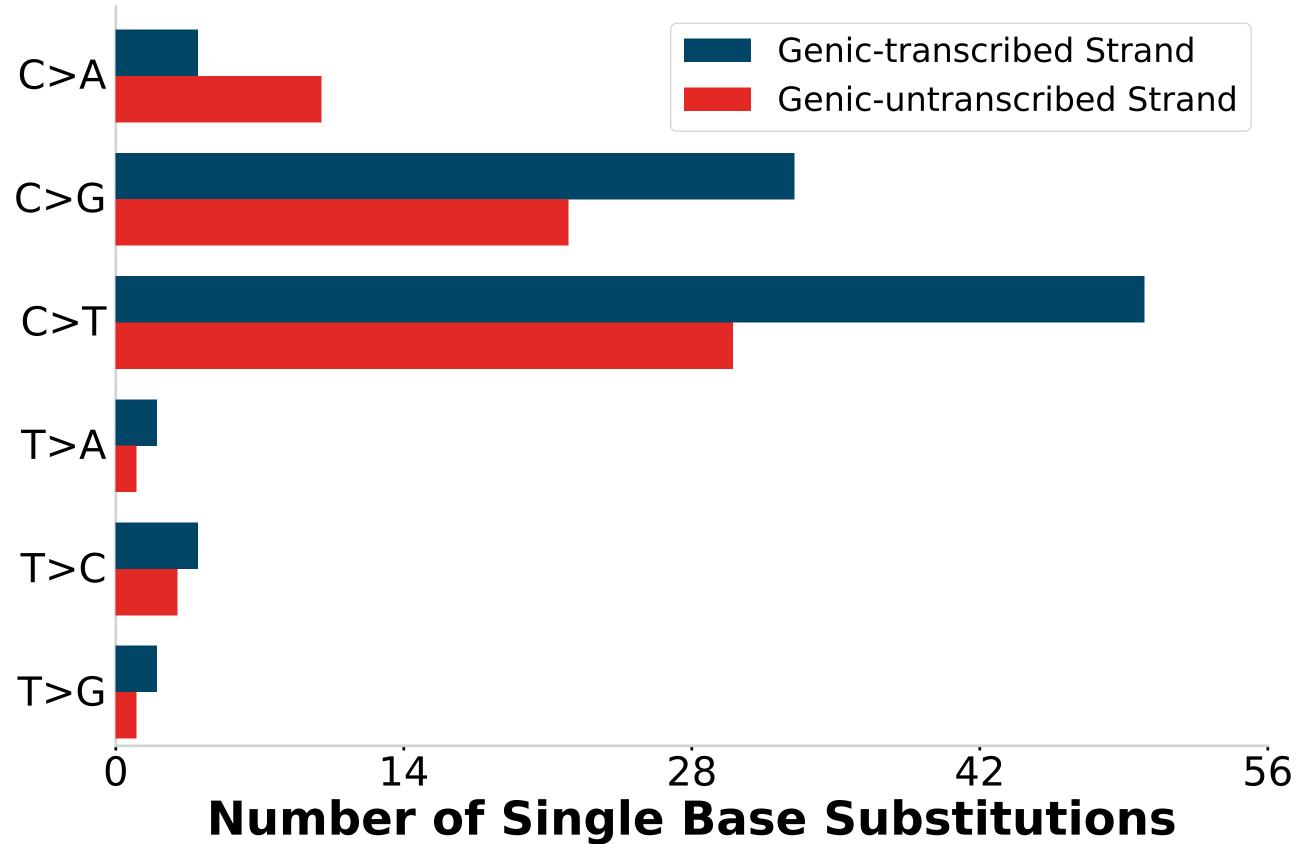
### TCGA-FD-A3N5-01A-11D-A21A-08: 307 tra



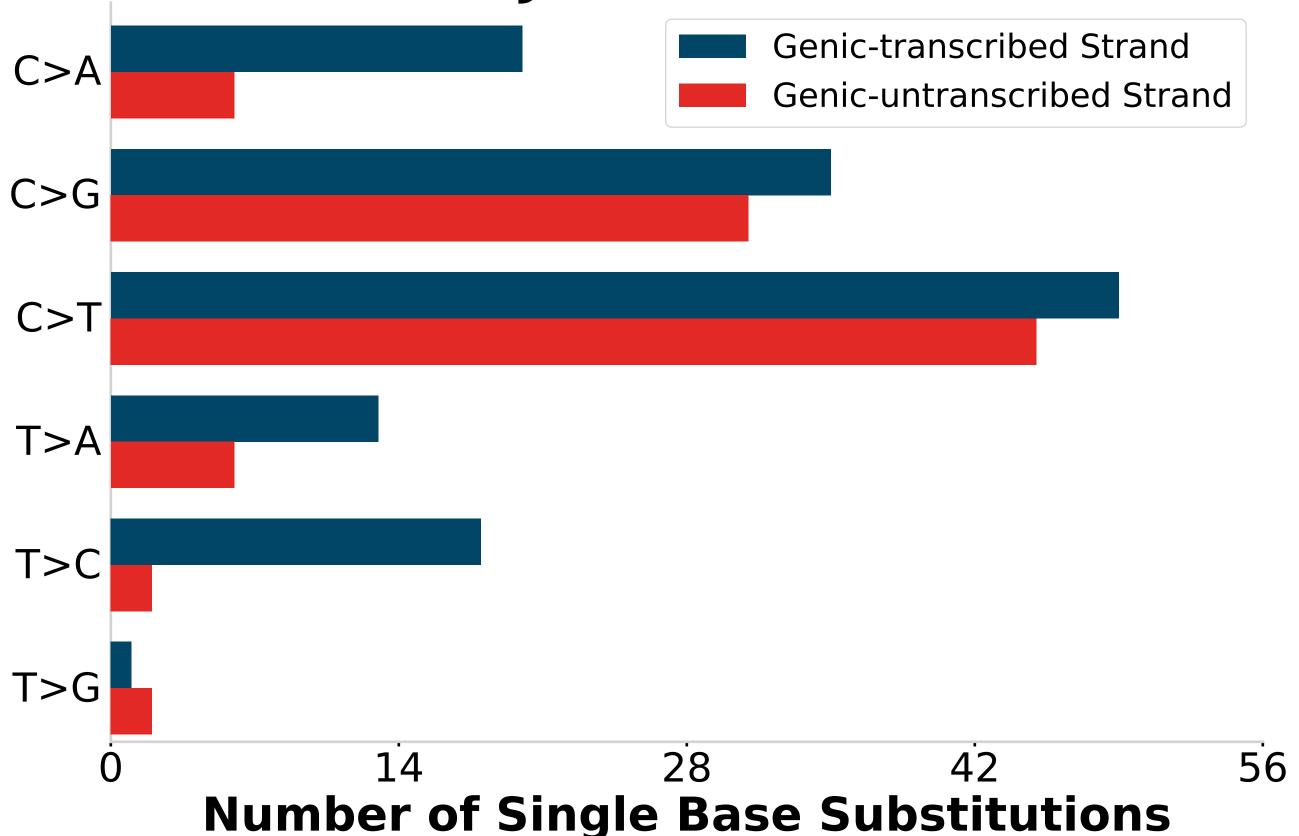
### TCGA-FD-A3N6-01A-11D-A21A-08: 114 tra



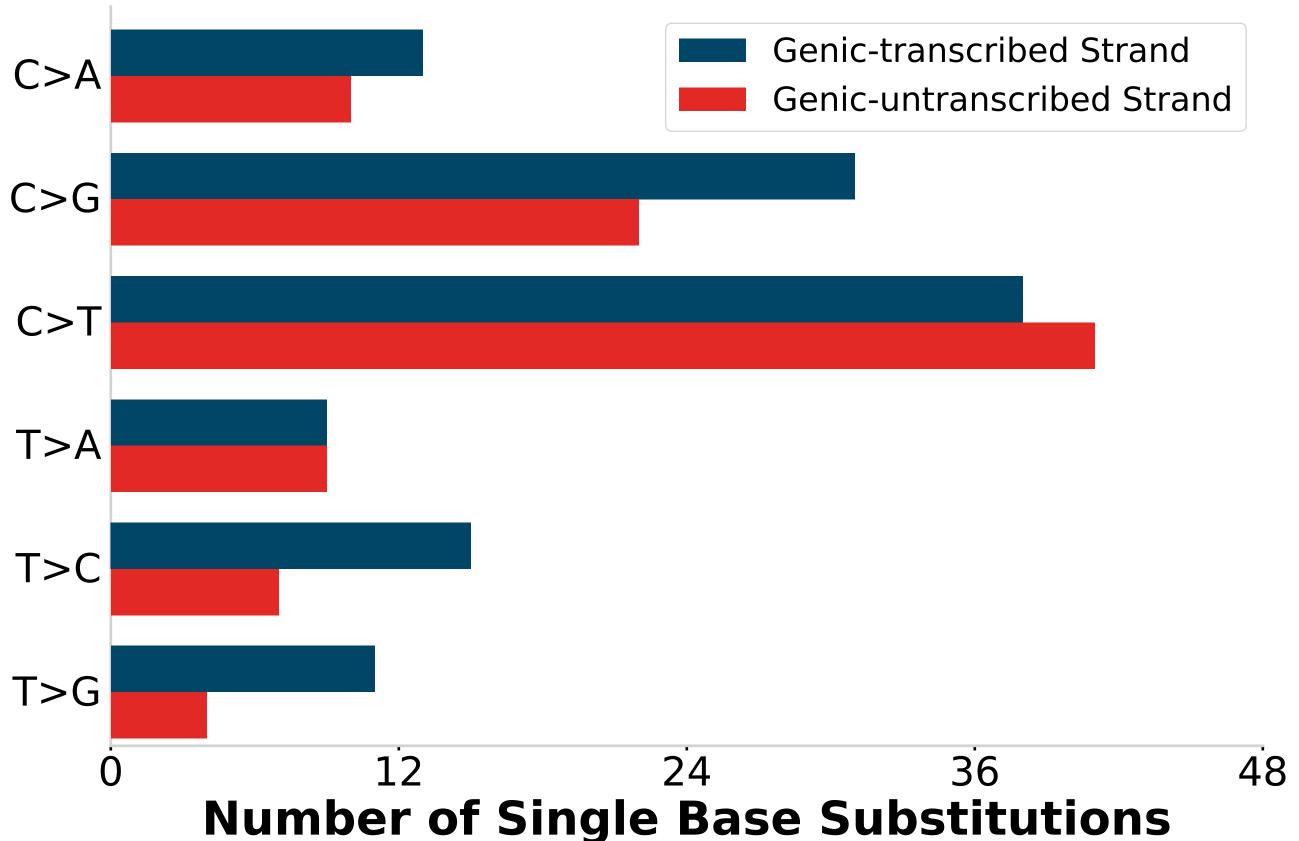
### TCGA-FD-A3NA-01A-11D-A21A-08: 162 tra



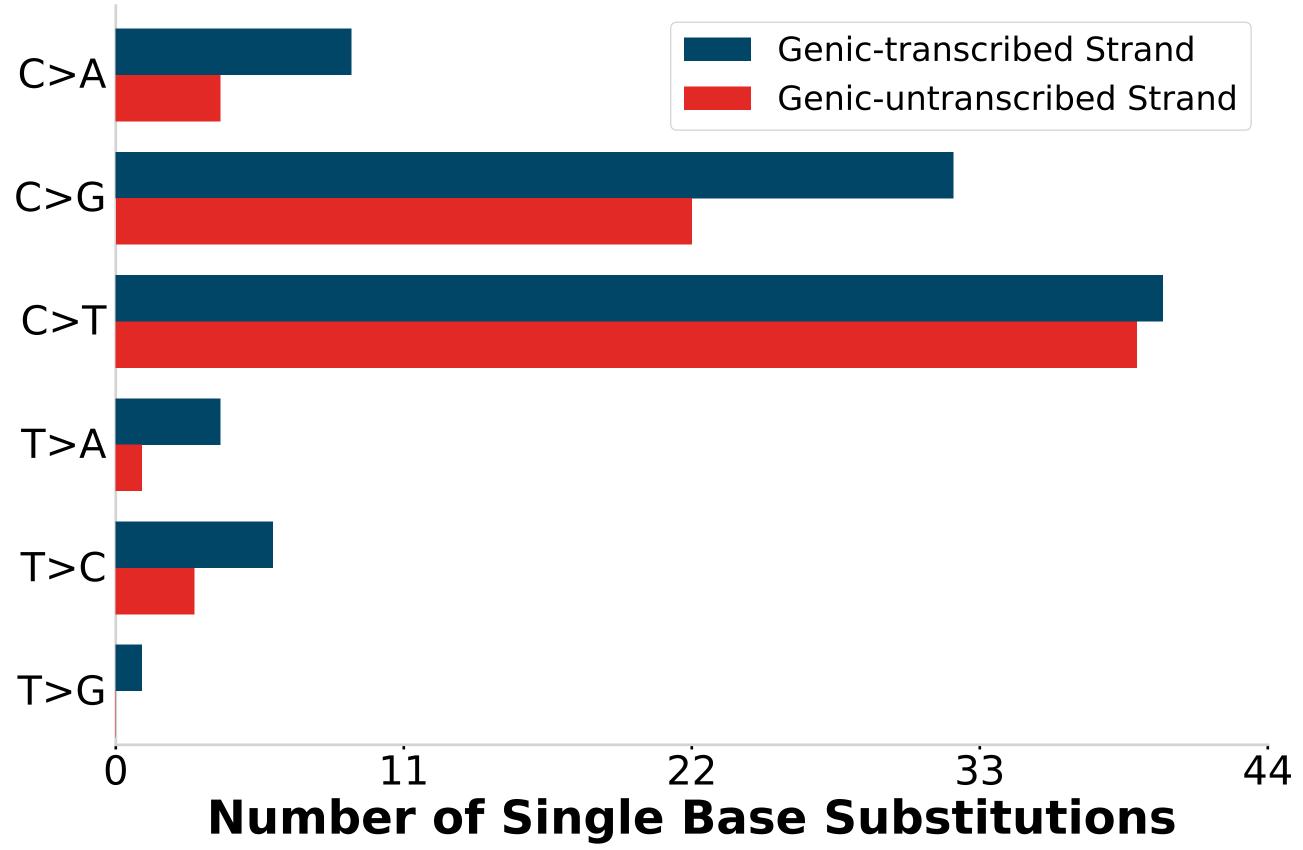
# TCGA-FD-A3SJ-01A-12D-A22Z-08: 228 tran



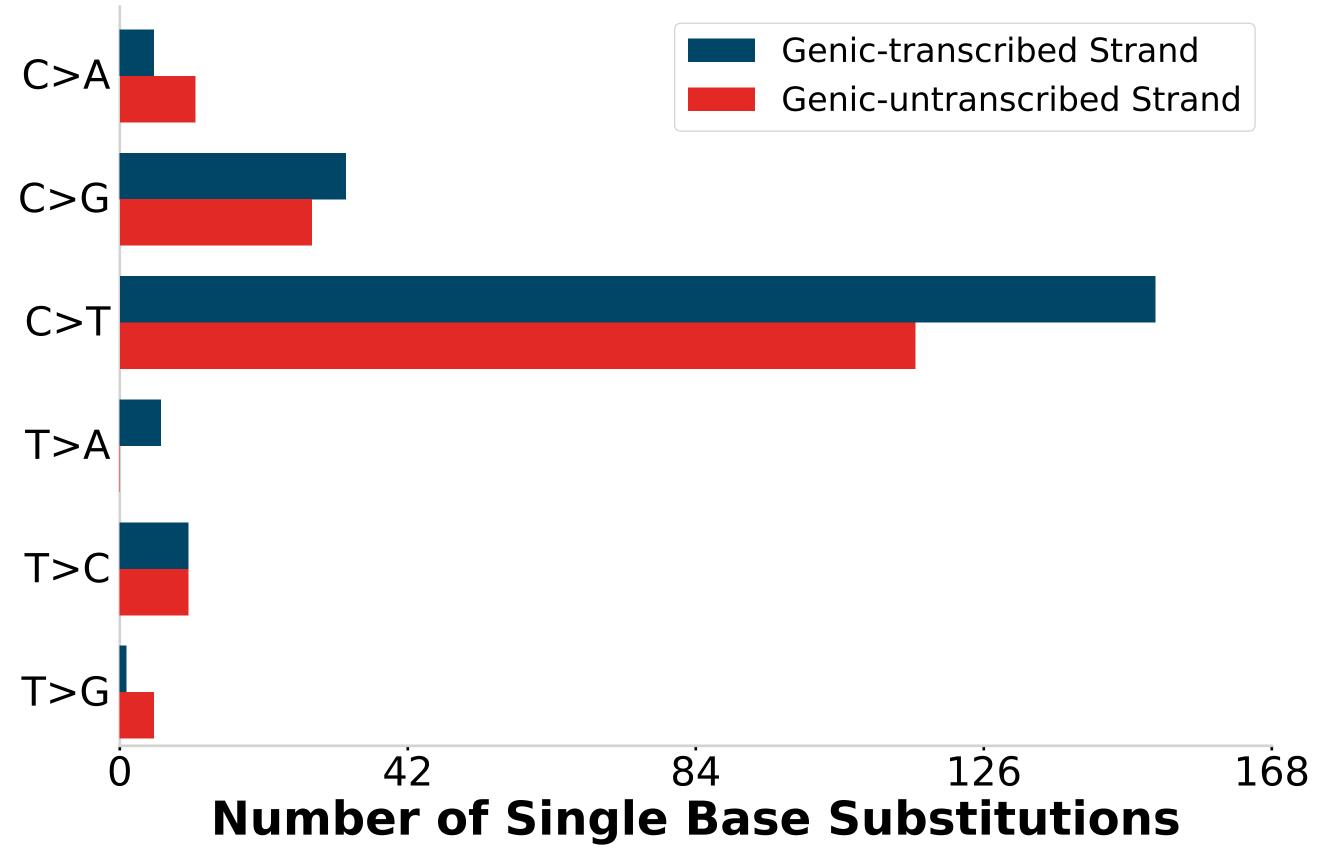
## TCGA-FD-A3SL-01A-21D-A22Z-08: 210 trai



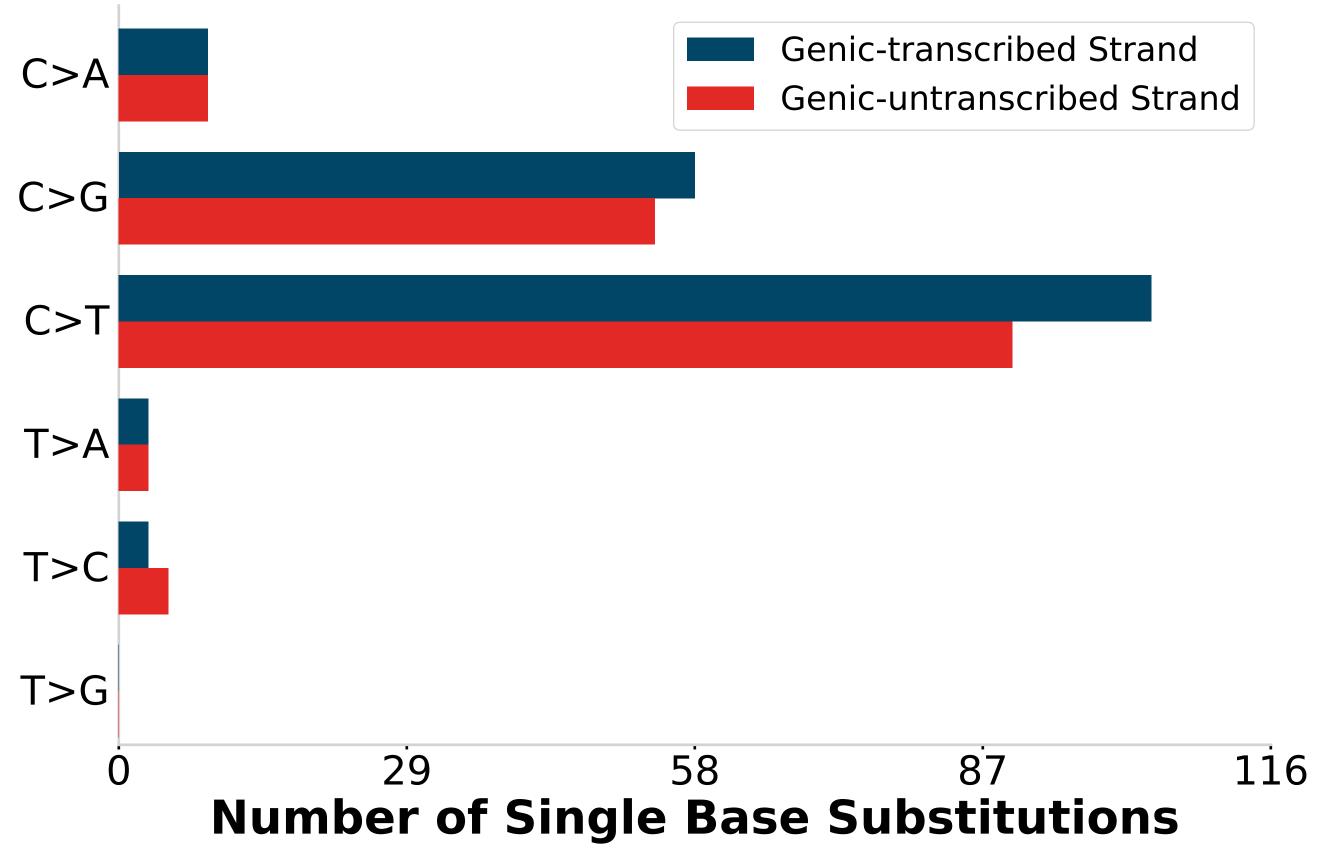
### TCGA-FD-A3SM-01A-11D-A22Z-08: 161 tra



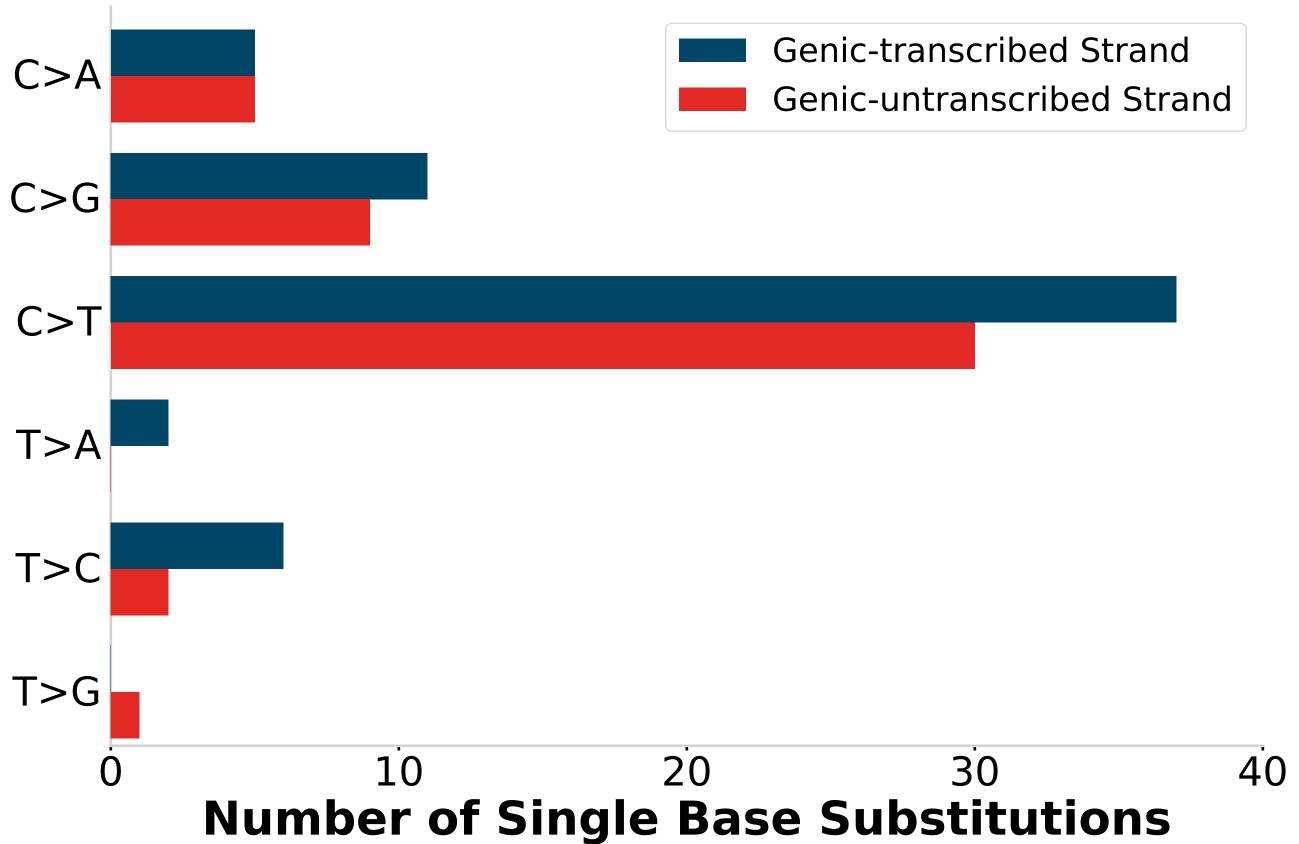
### TCGA-FD-A3SN-01A-12D-A22Z-08: 376 tra



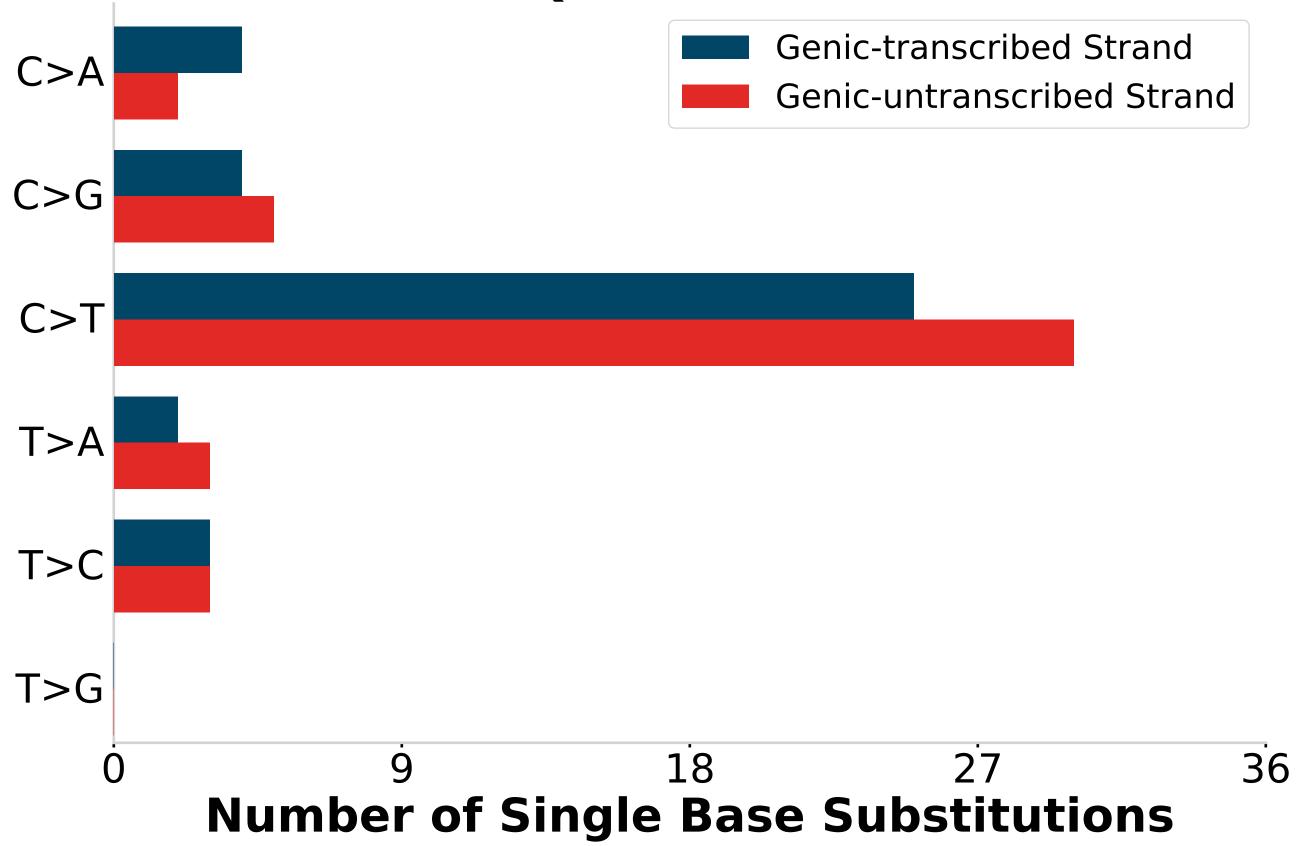
### TCGA-FD-A3SO-01A-11D-A22Z-08: 338 tra



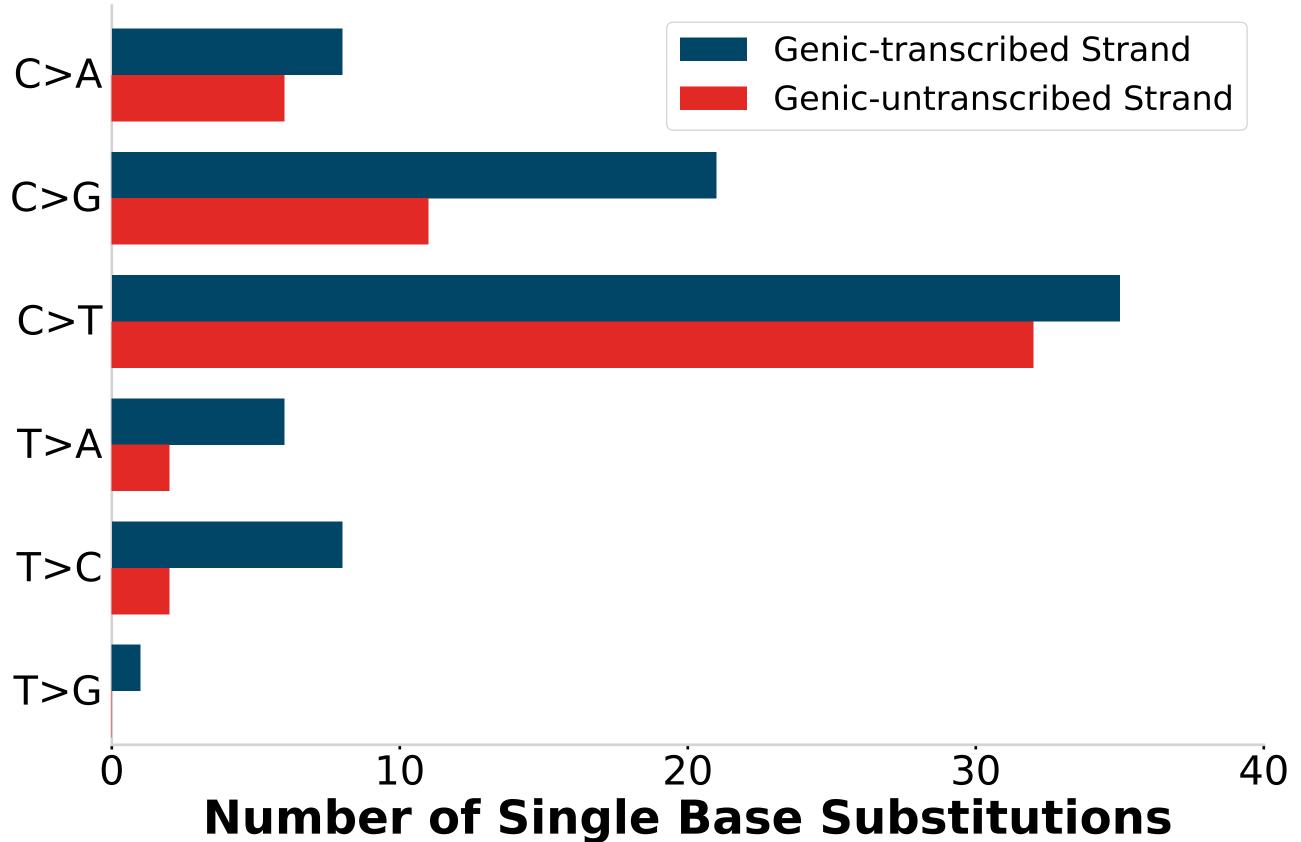
### TCGA-FD-A3SP-01A-31D-A22Z-08: 108 trail



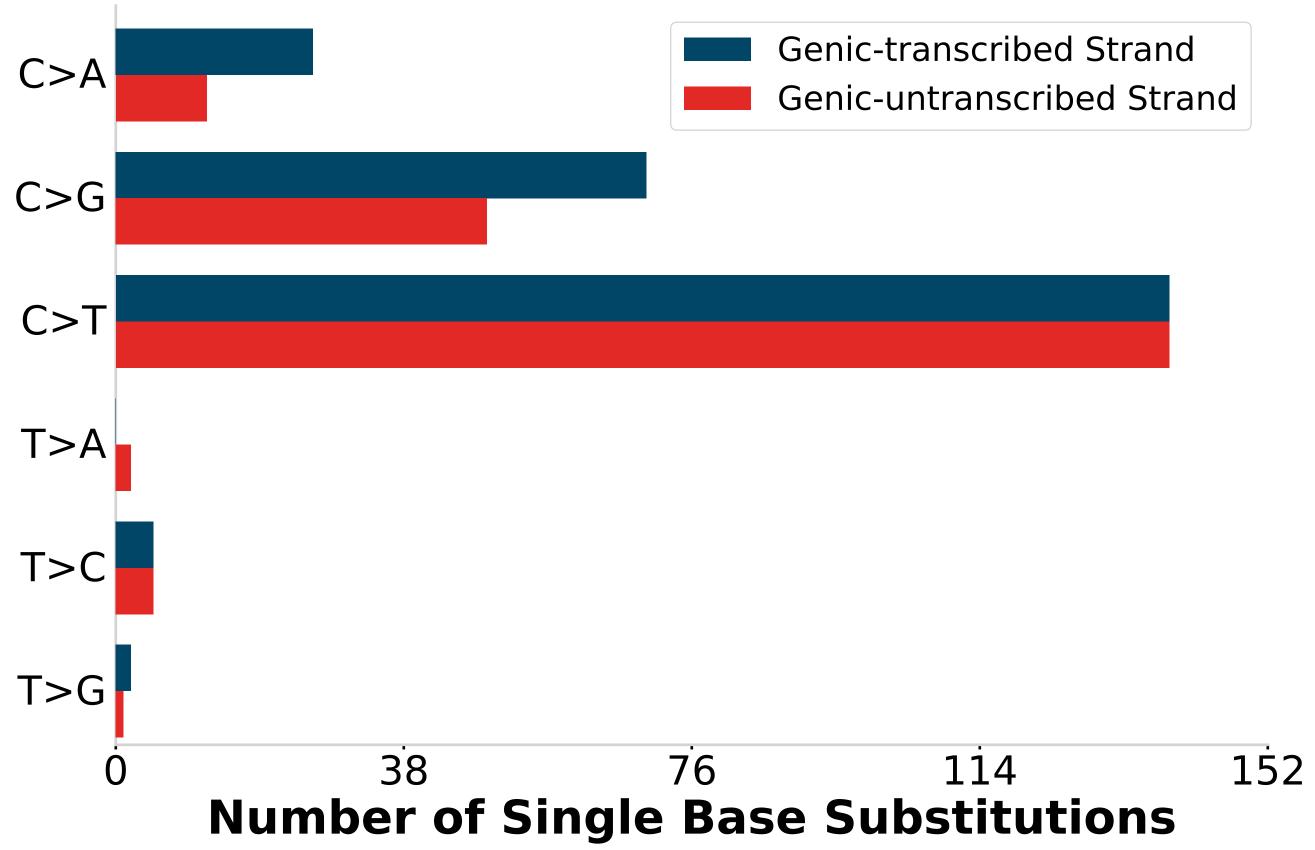
## TCGA-FD-A3SQ-01A-21D-A22Z-08: 81 tran



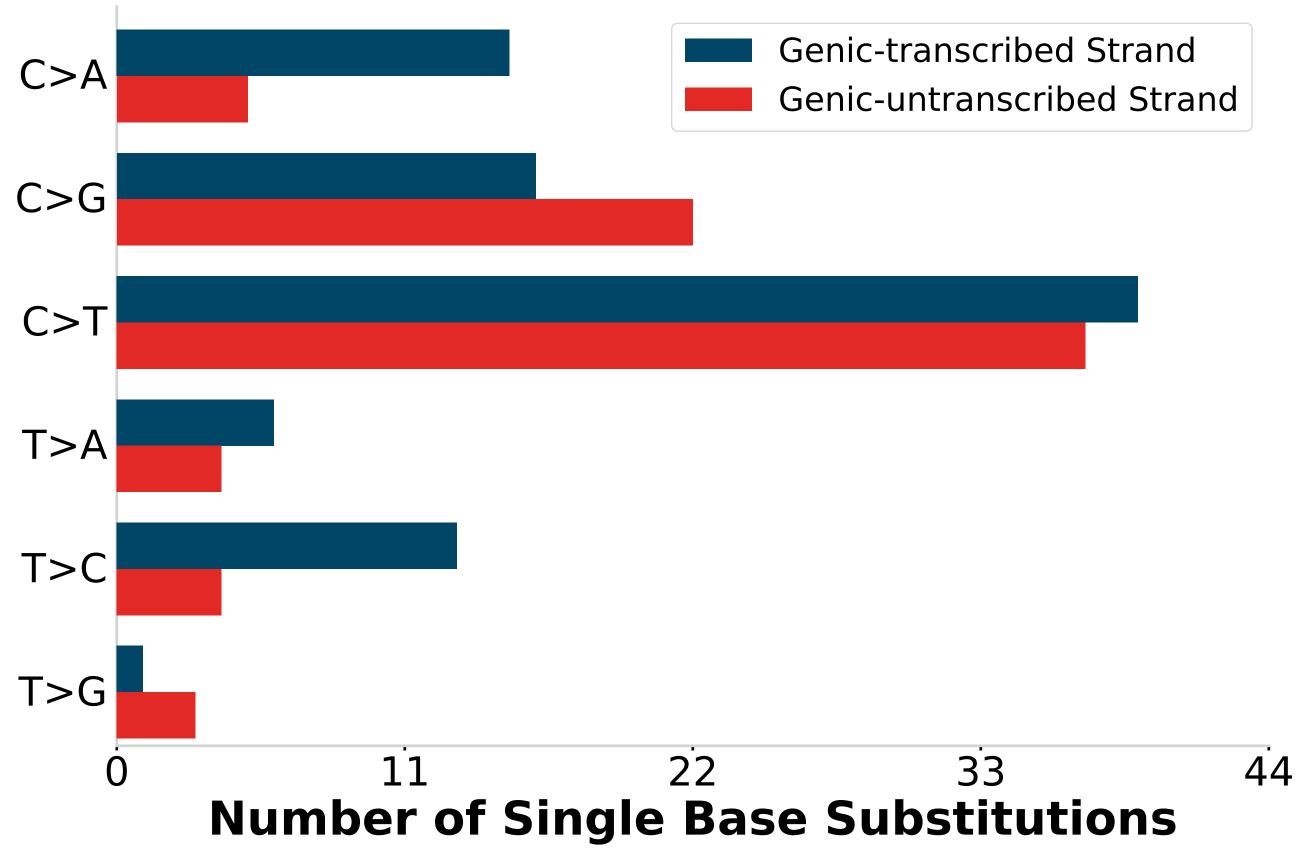
# TCGA-FD-A3SR-01A-11D-A22Z-08: 132 tra



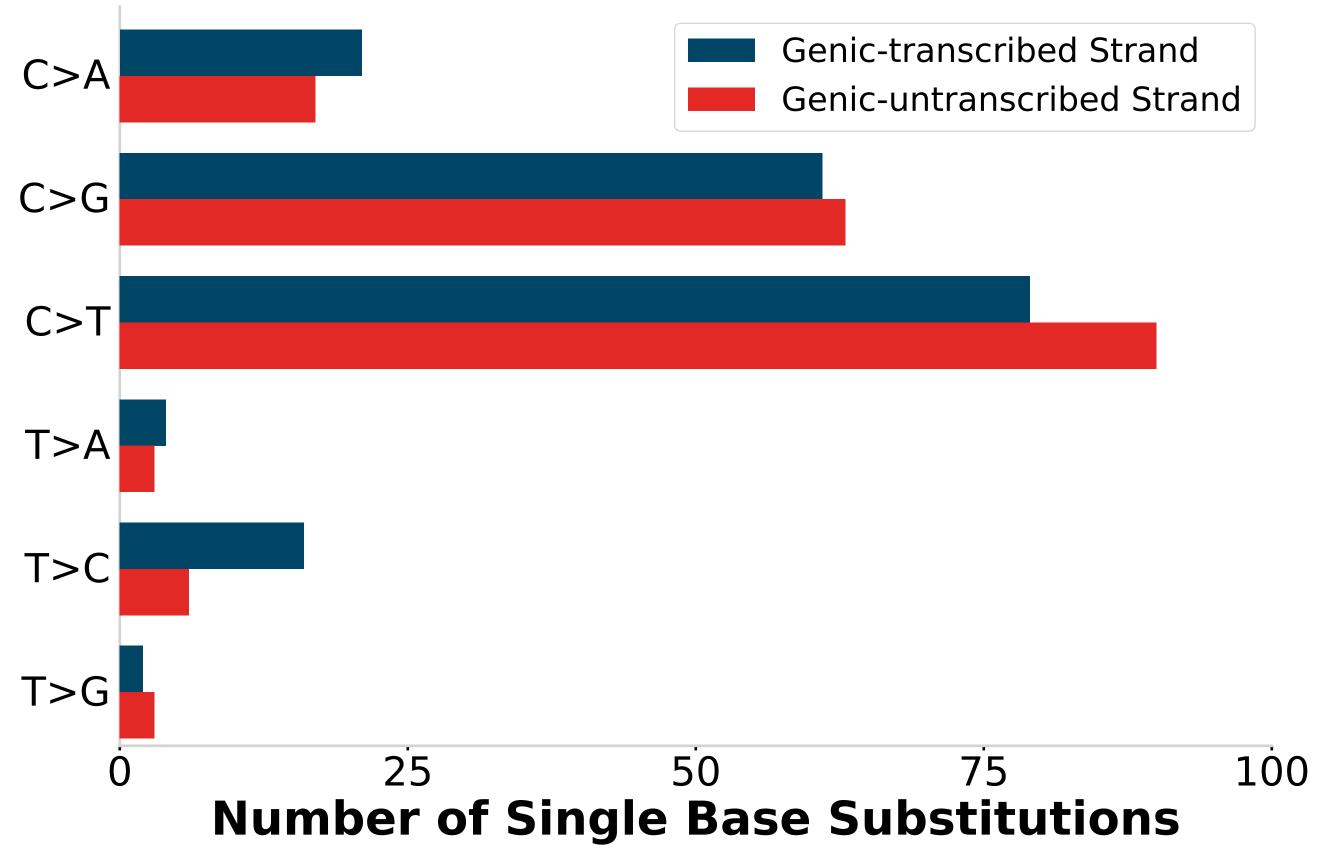
# TCGA-FD-A3SS-01A-12D-A22Z-08: 450 trail



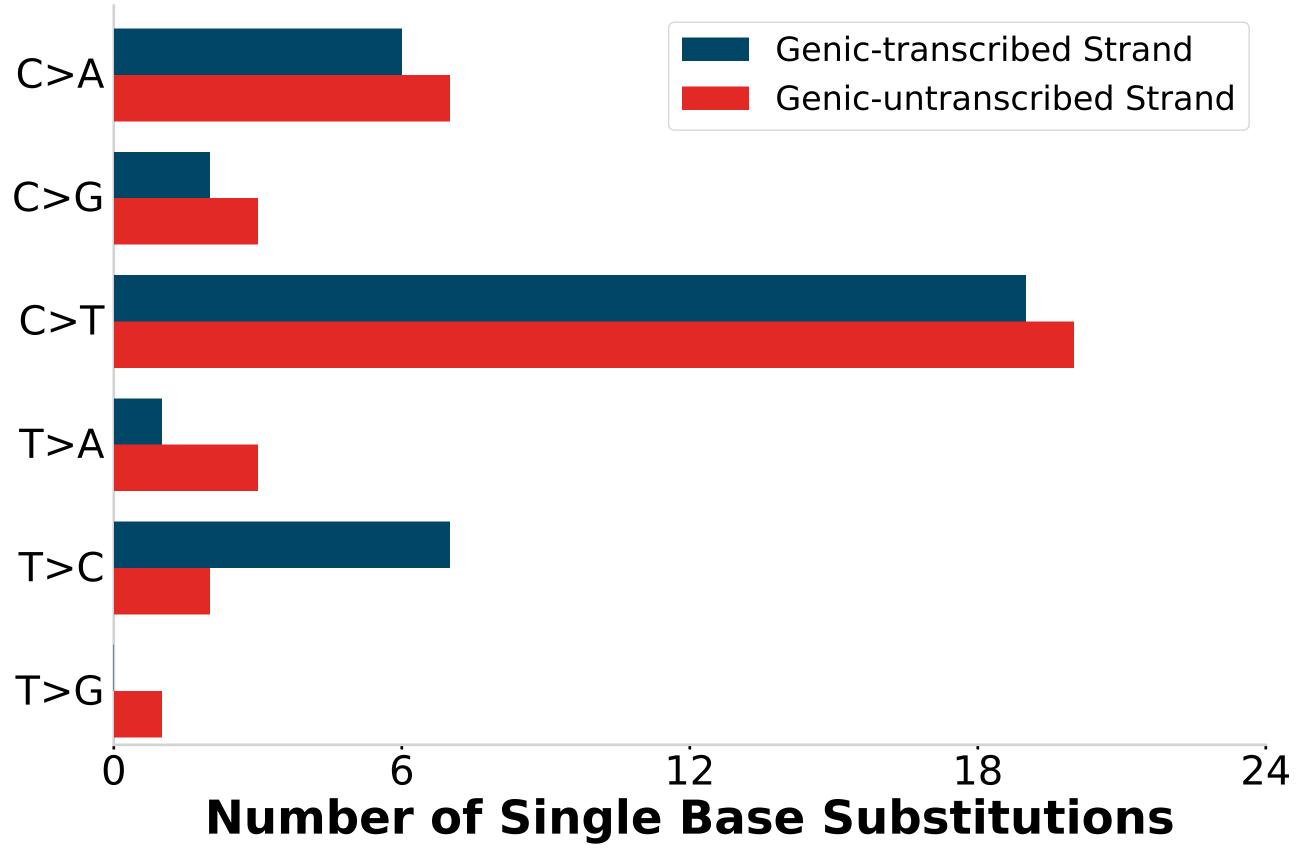
### TCGA-FD-A43N-01A-11D-A23U-08: 165 tra



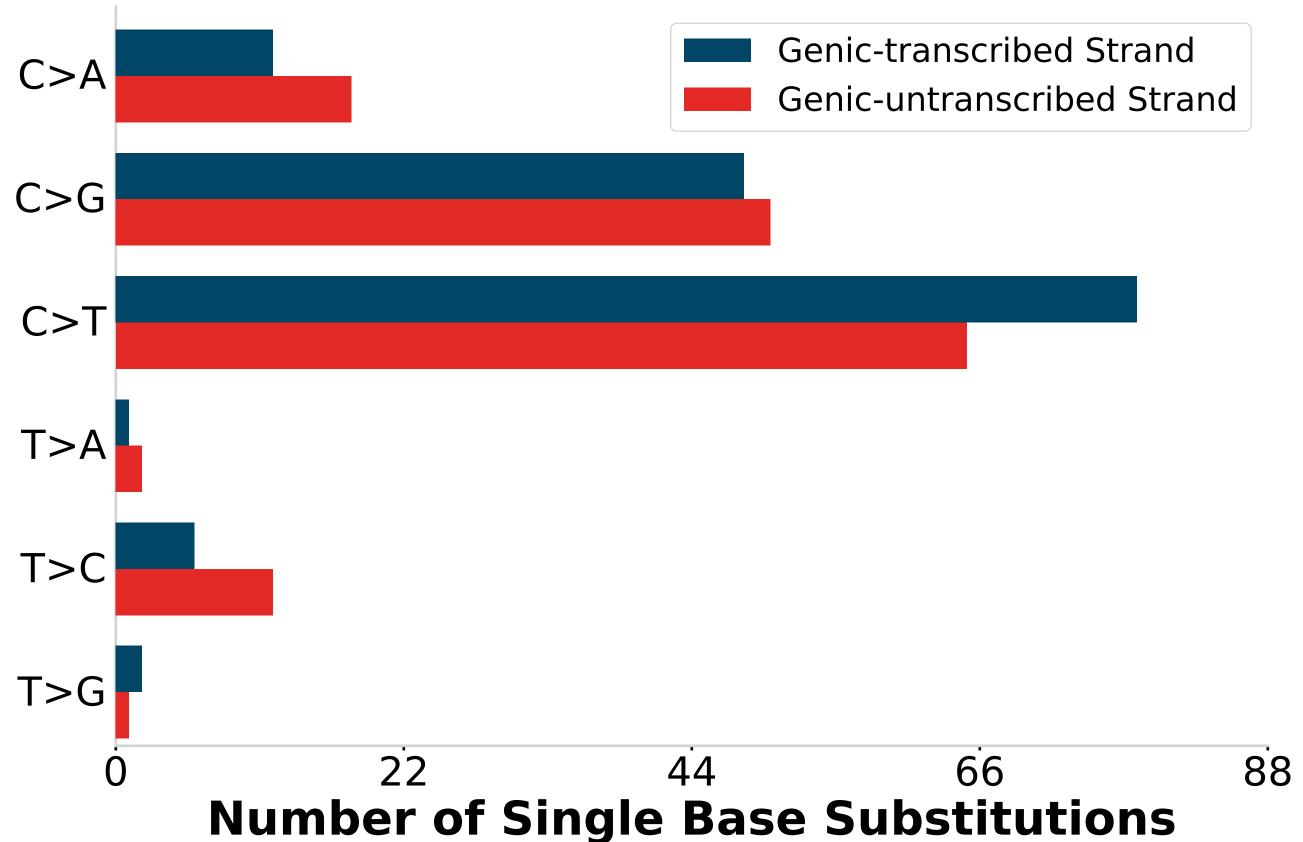
### TCGA-FD-A43P-01A-31D-A23U-08: 365 tra



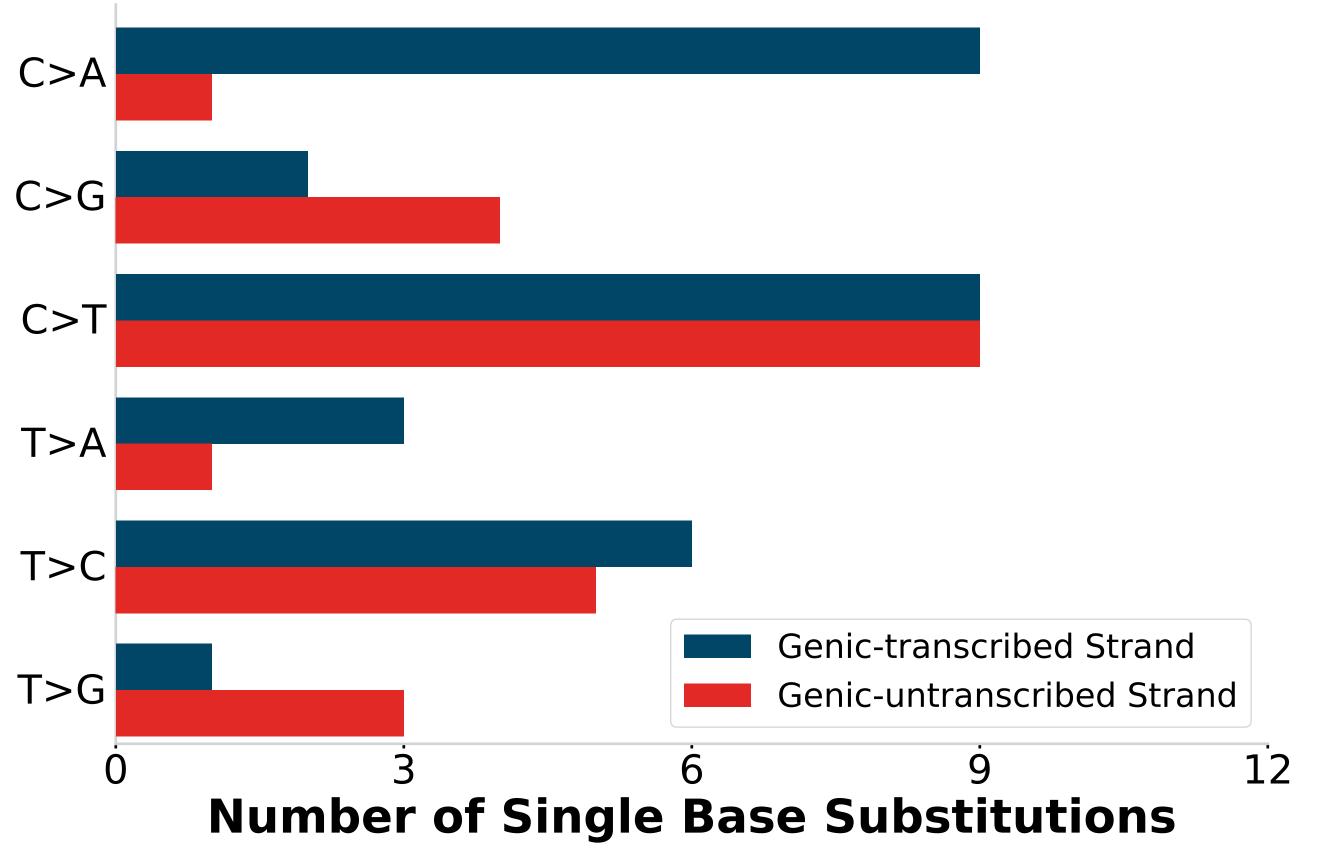
# TCGA-FD-A43U-01A-11D-A23U-08: 71 tran



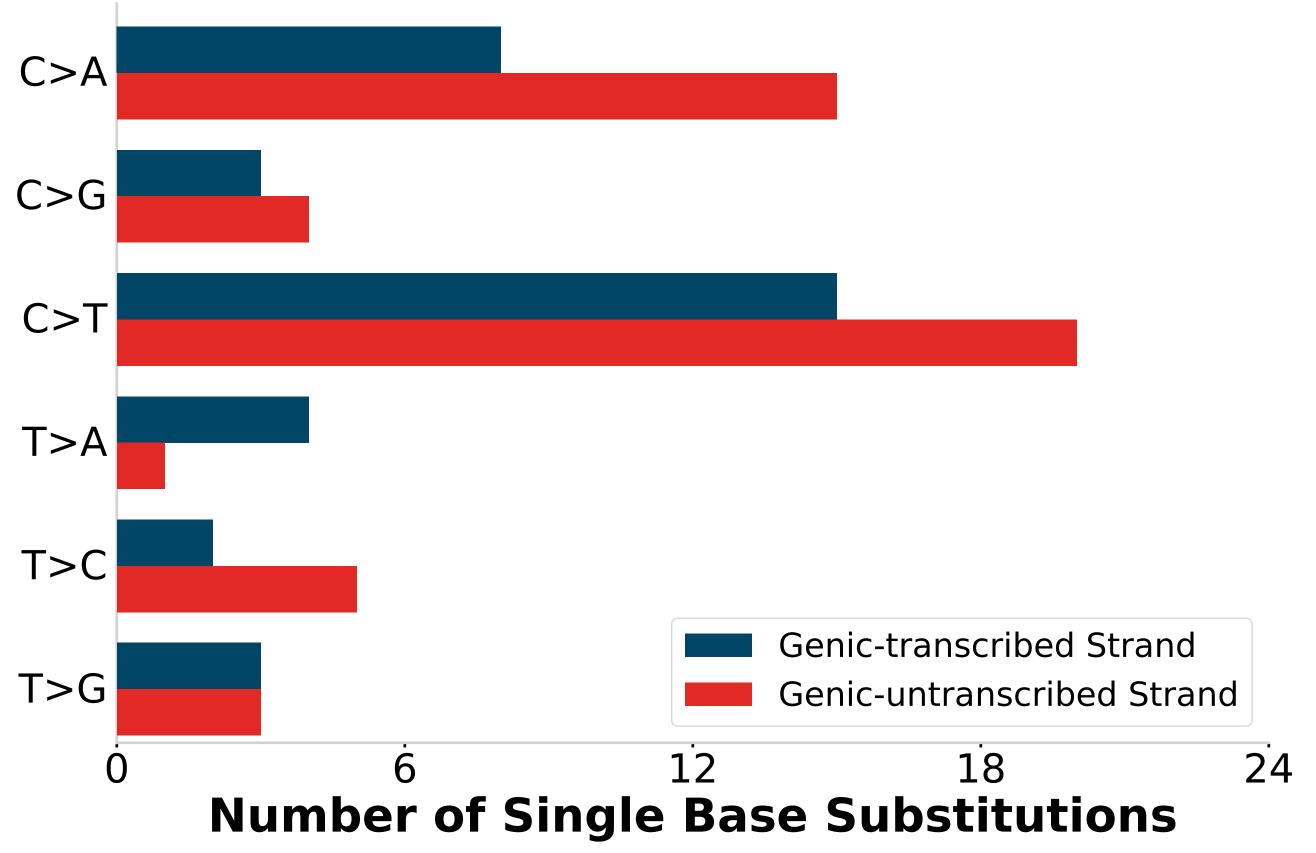
# TCGA-FD-A43X-01A-11D-A23U-08: 295 tra



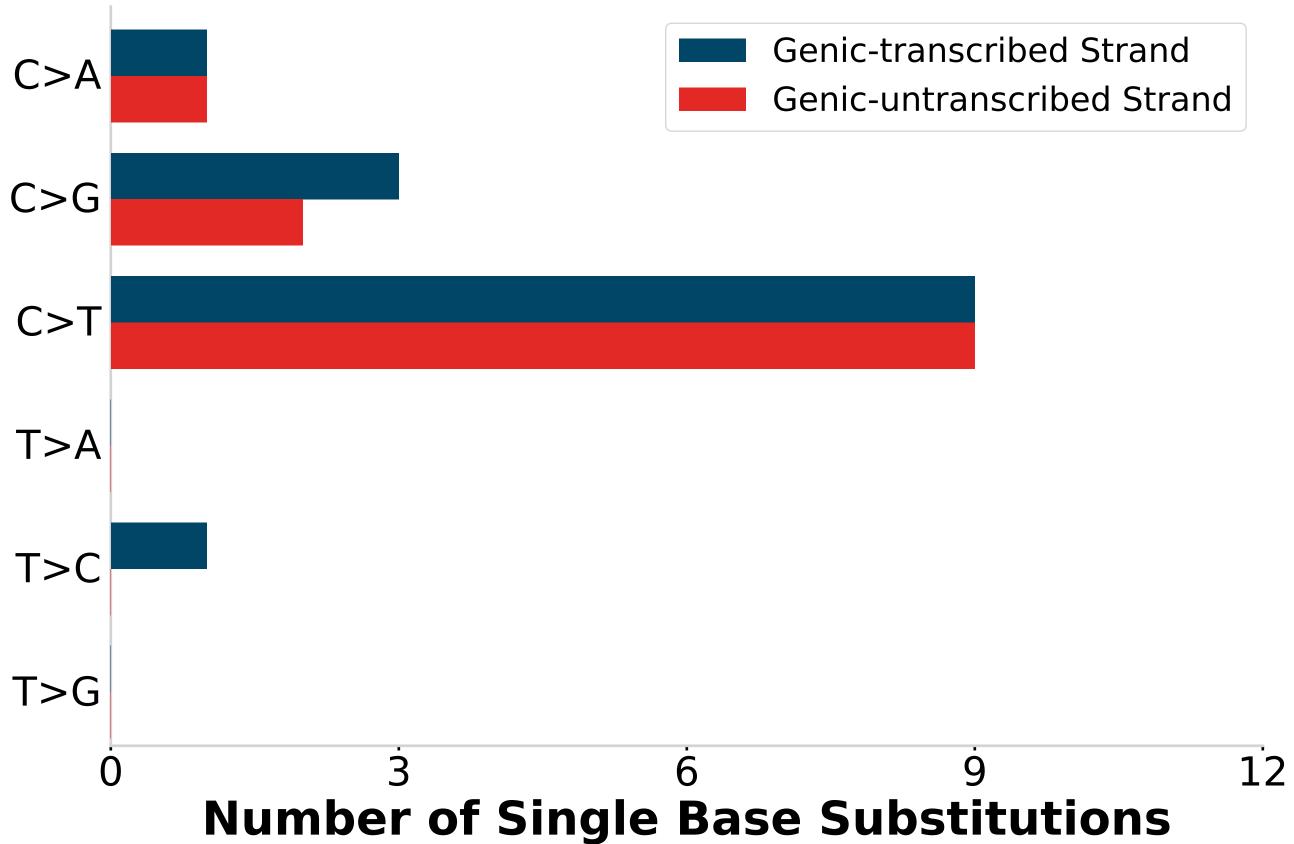
# TCGA-FD-A43Y-01A-21D-A26M-08: 53 tran



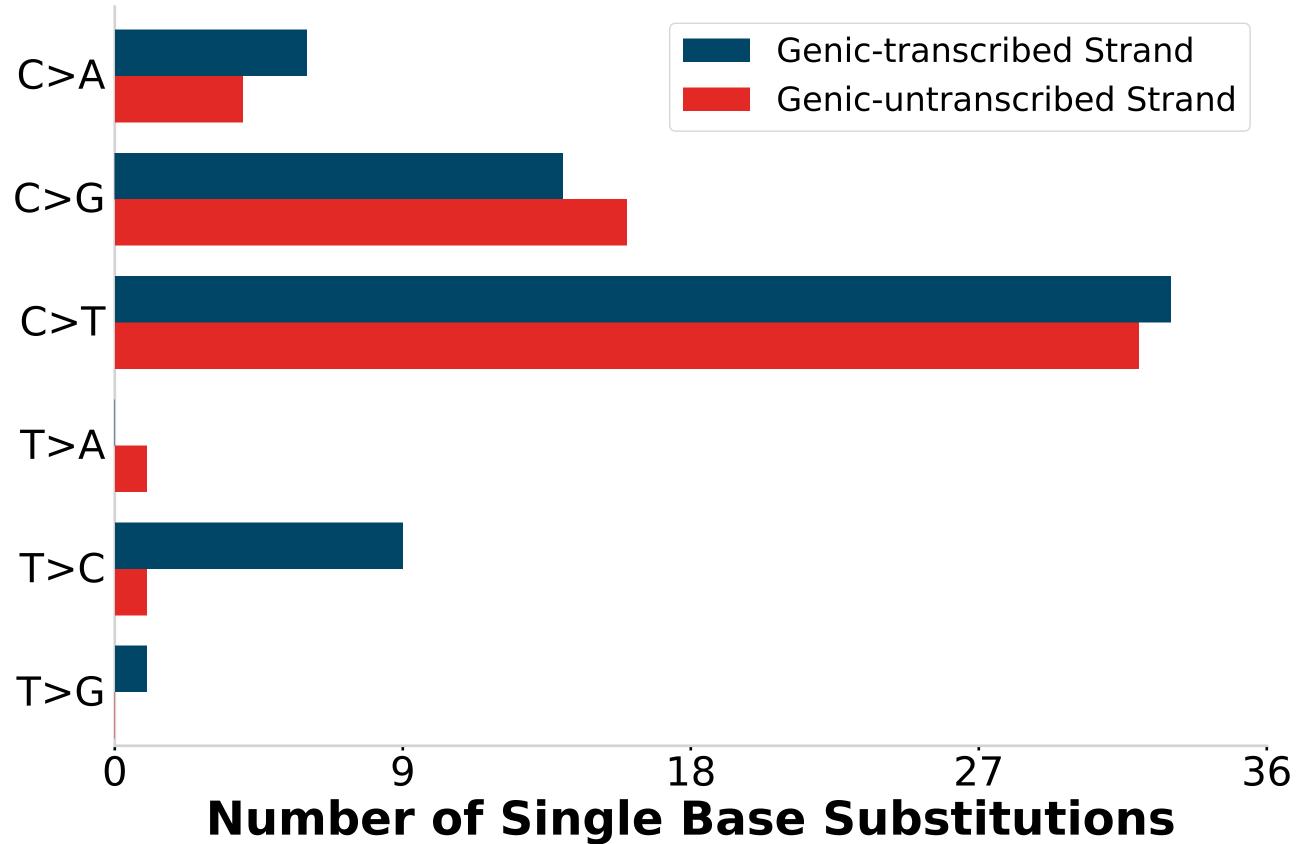
# TCGA-FD-A5BR-01A-11D-A26M-08: 83 tran



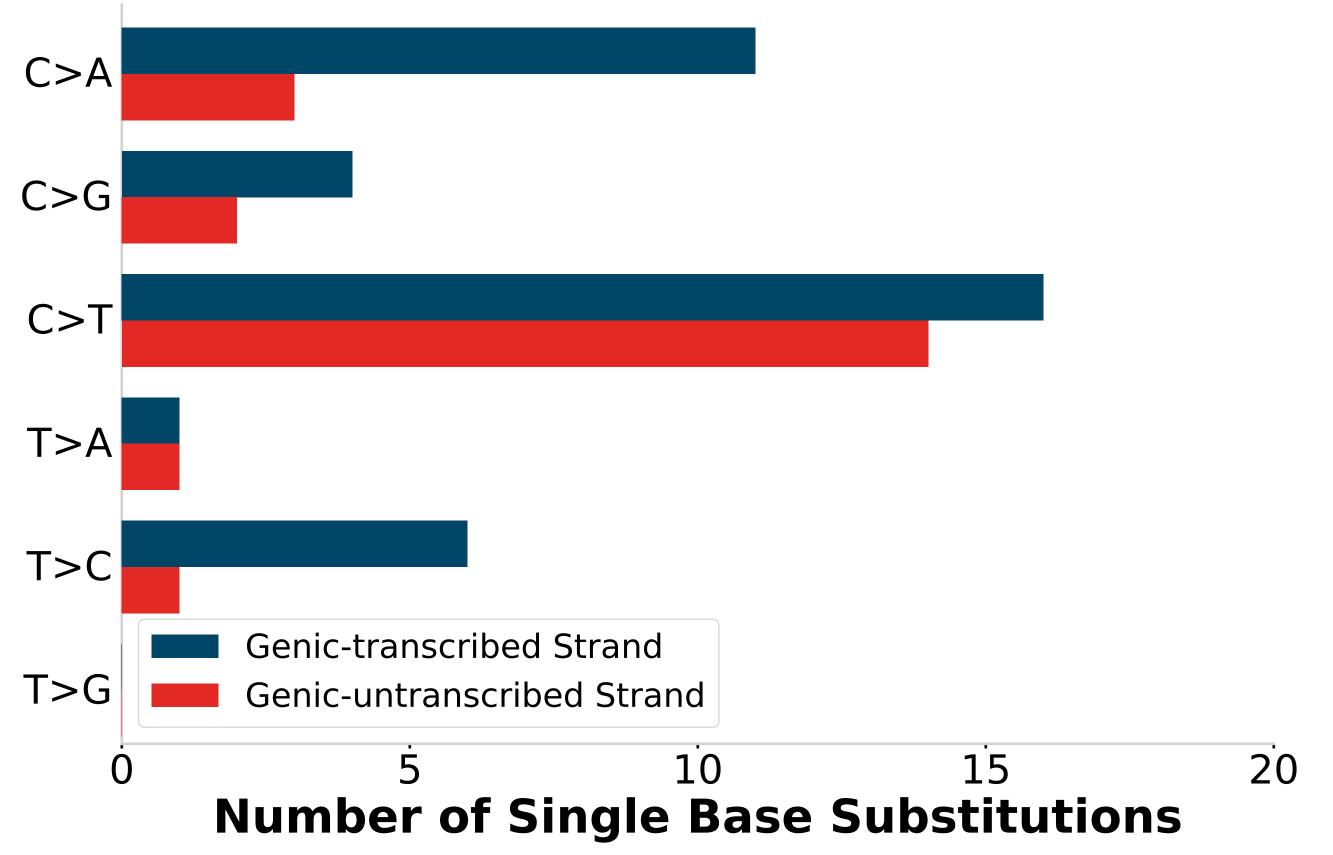
### TCGA-FD-A5BS-01A-21D-A26M-08: 26 tran



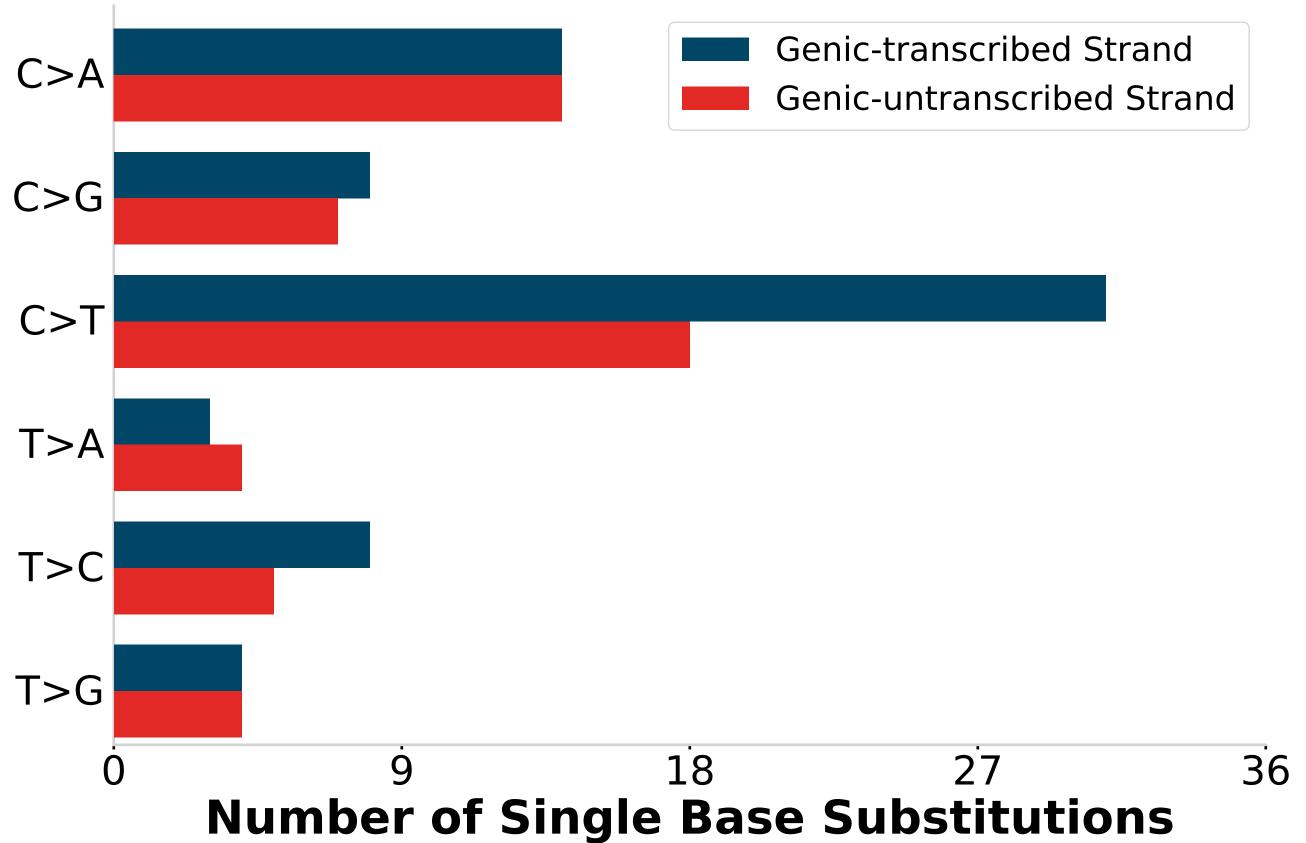
### TCGA-FD-A5BT-01A-11D-A26M-08: 117 tra



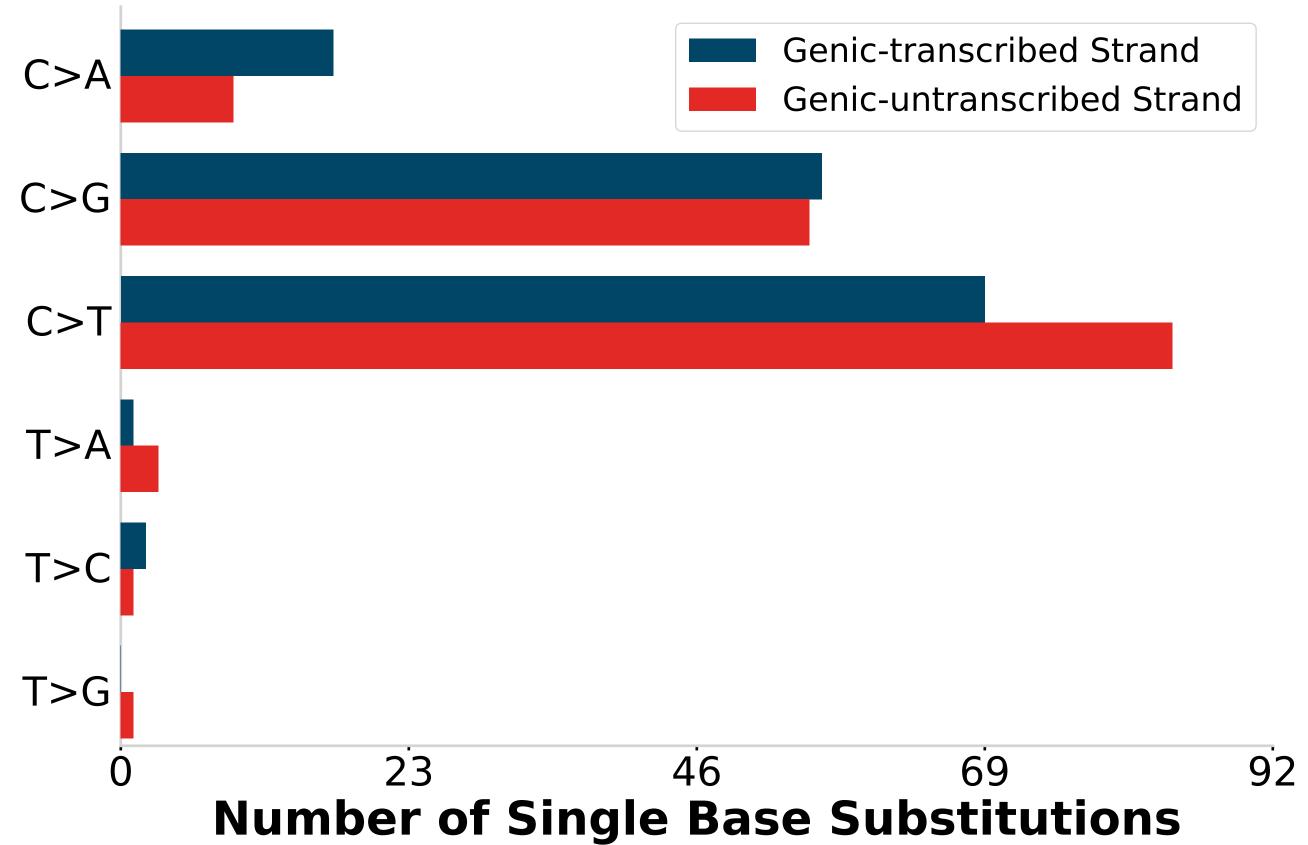
# TCGA-FD-A5BU-01A-31D-A26M-08: 59 tran



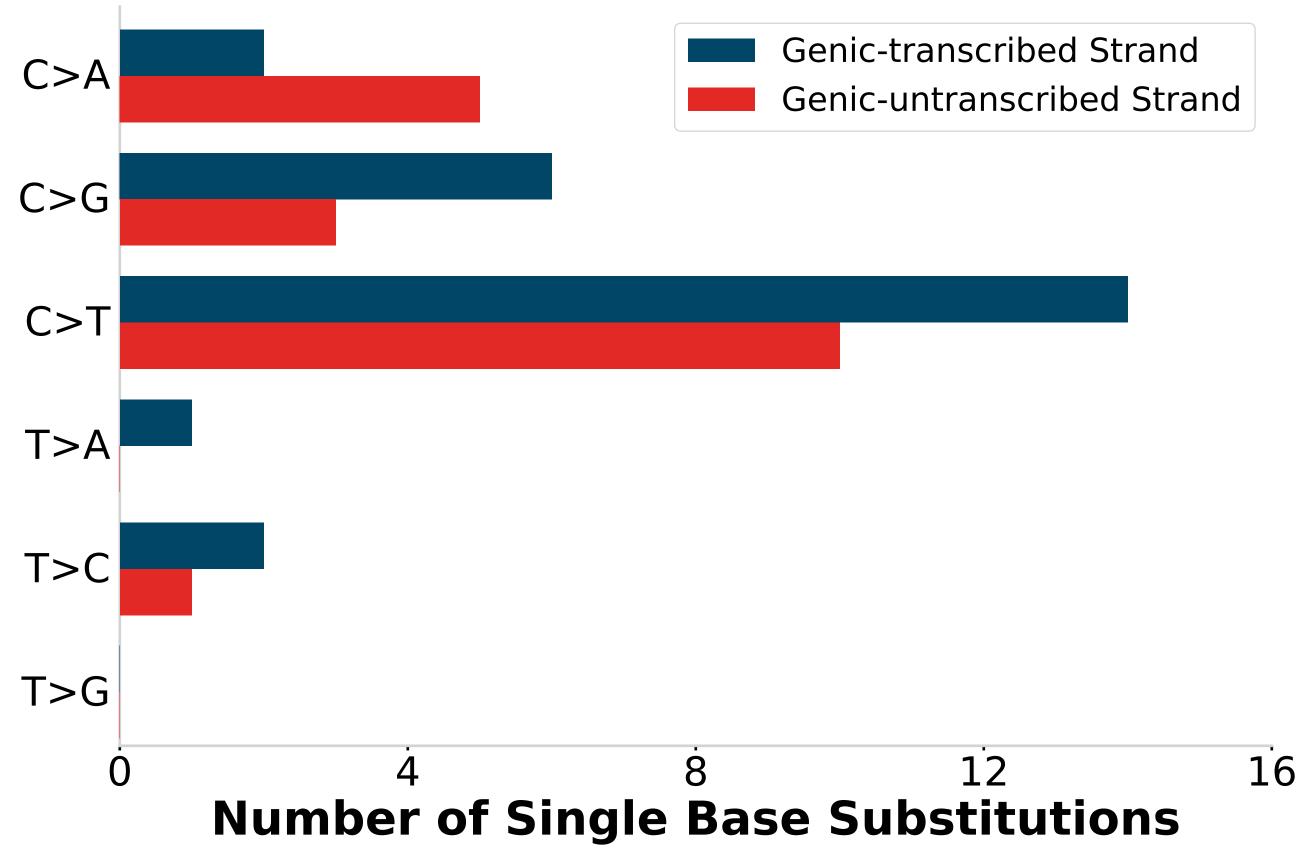
### TCGA-FD-A5BV-01A-11D-A26M-08: 120 tra



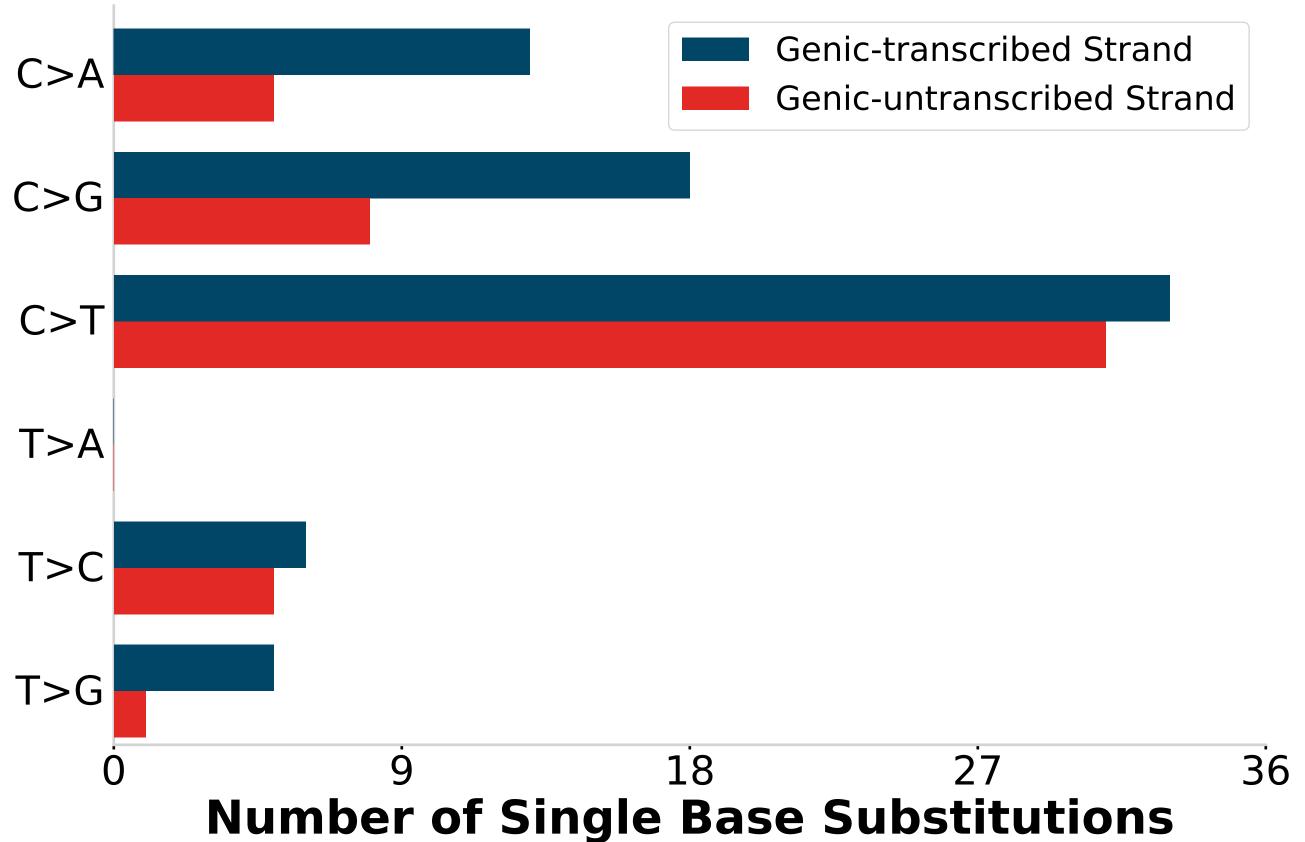
### TCGA-FD-A5BX-01A-11D-A26M-08: 298 tra



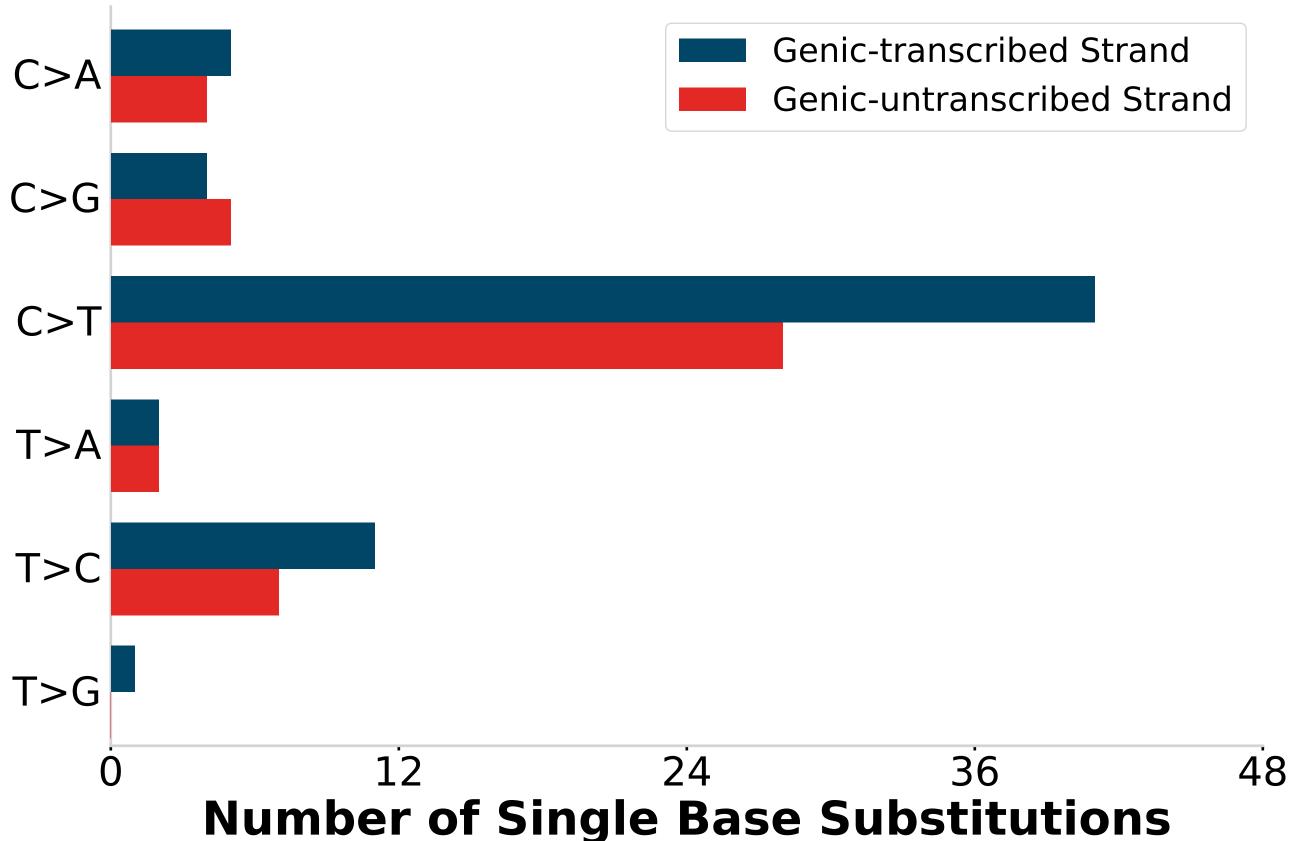
### TCGA-FD-A5BY-01A-31D-A289-08: 44 trans



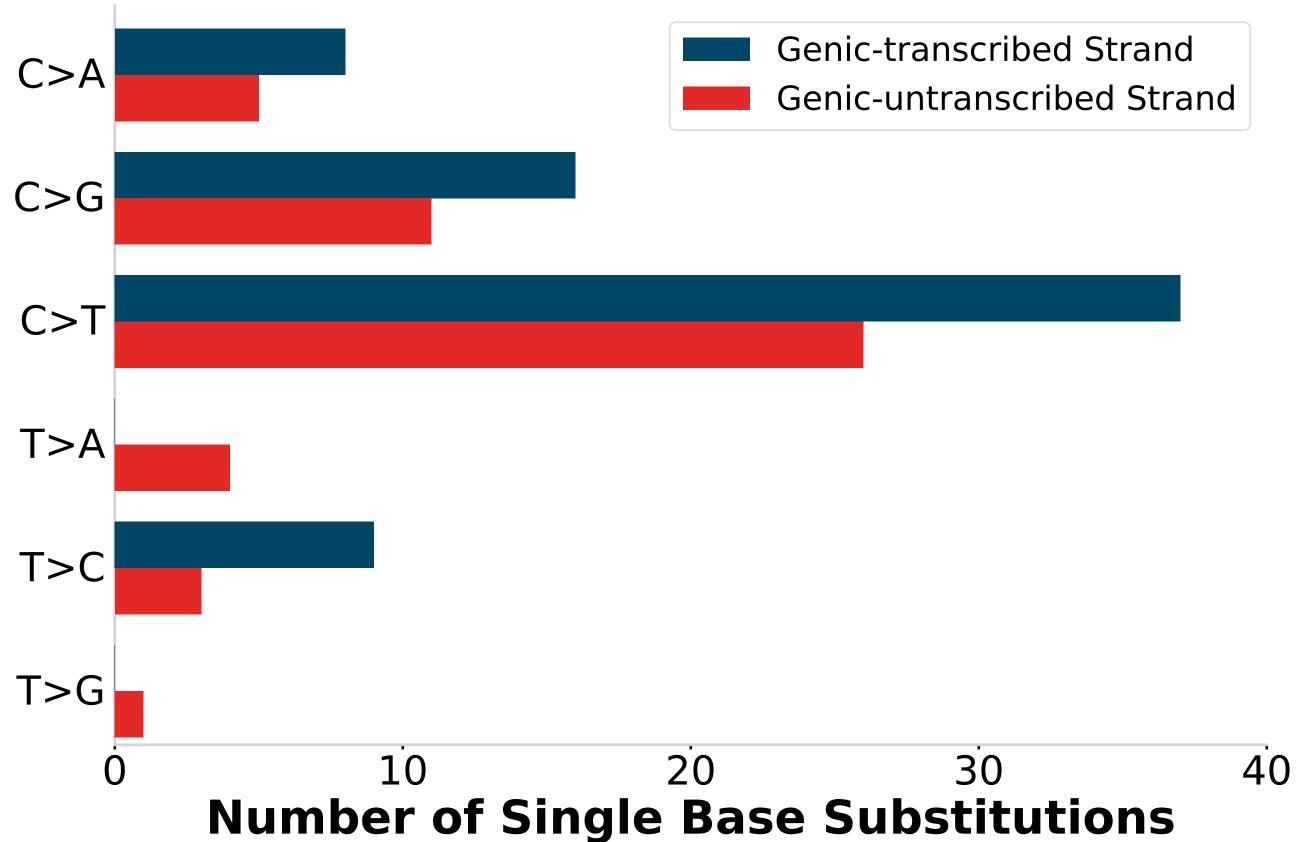
# TCGA-FD-A5BZ-01A-11D-A289-08: 125 trail



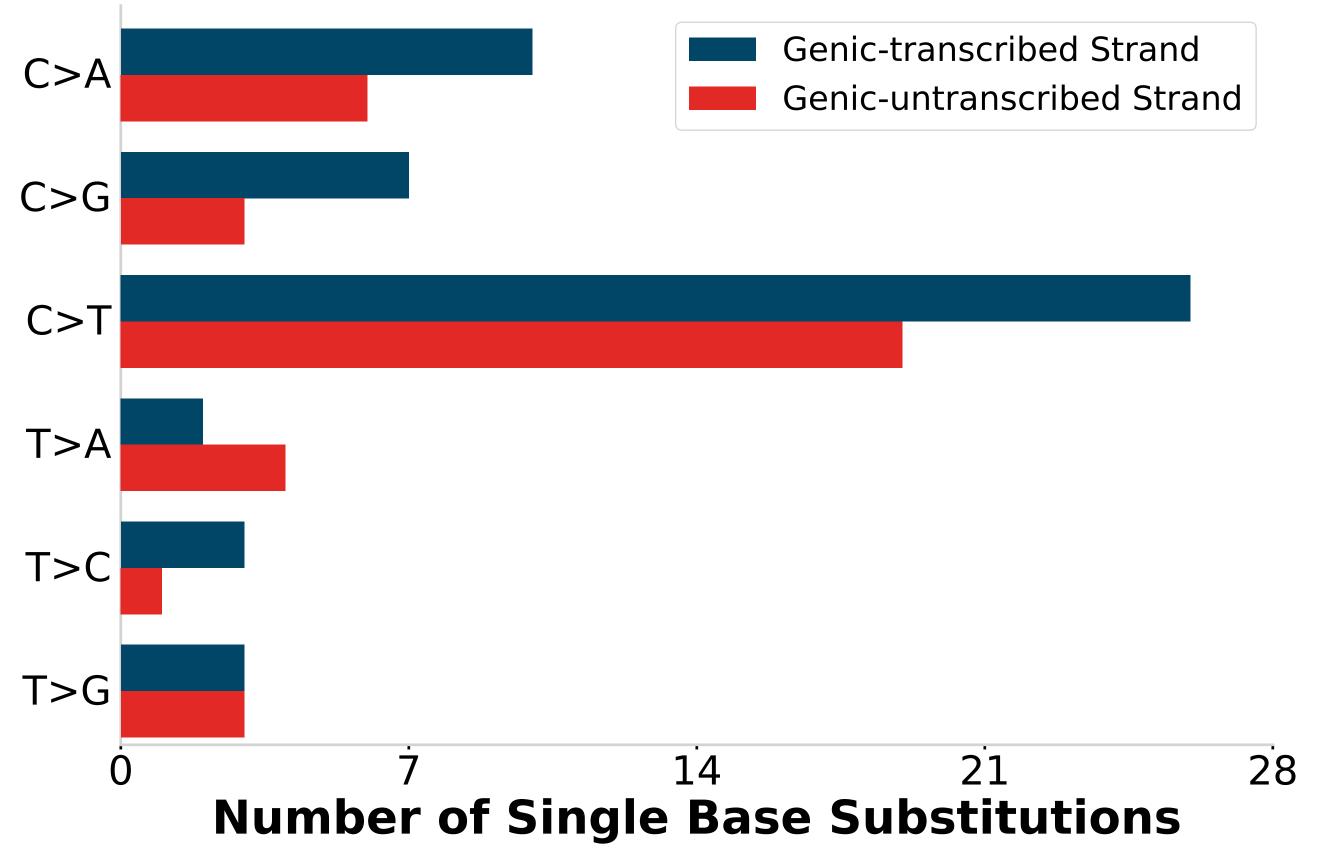
# TCGA-FD-A5C0-01A-11D-A289-08: 110 trail



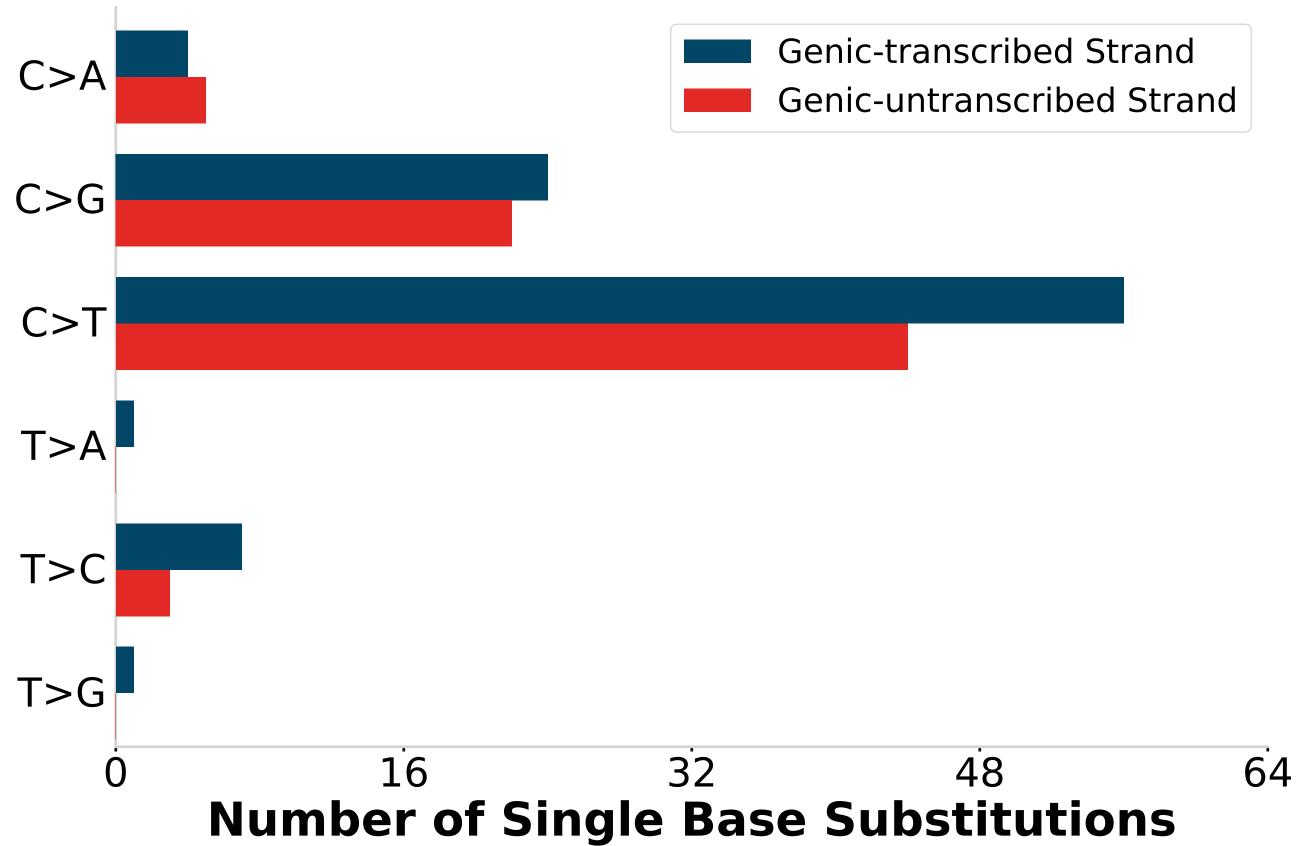
# TCGA-FD-A5C1-01A-11D-A289-08: 120 trail



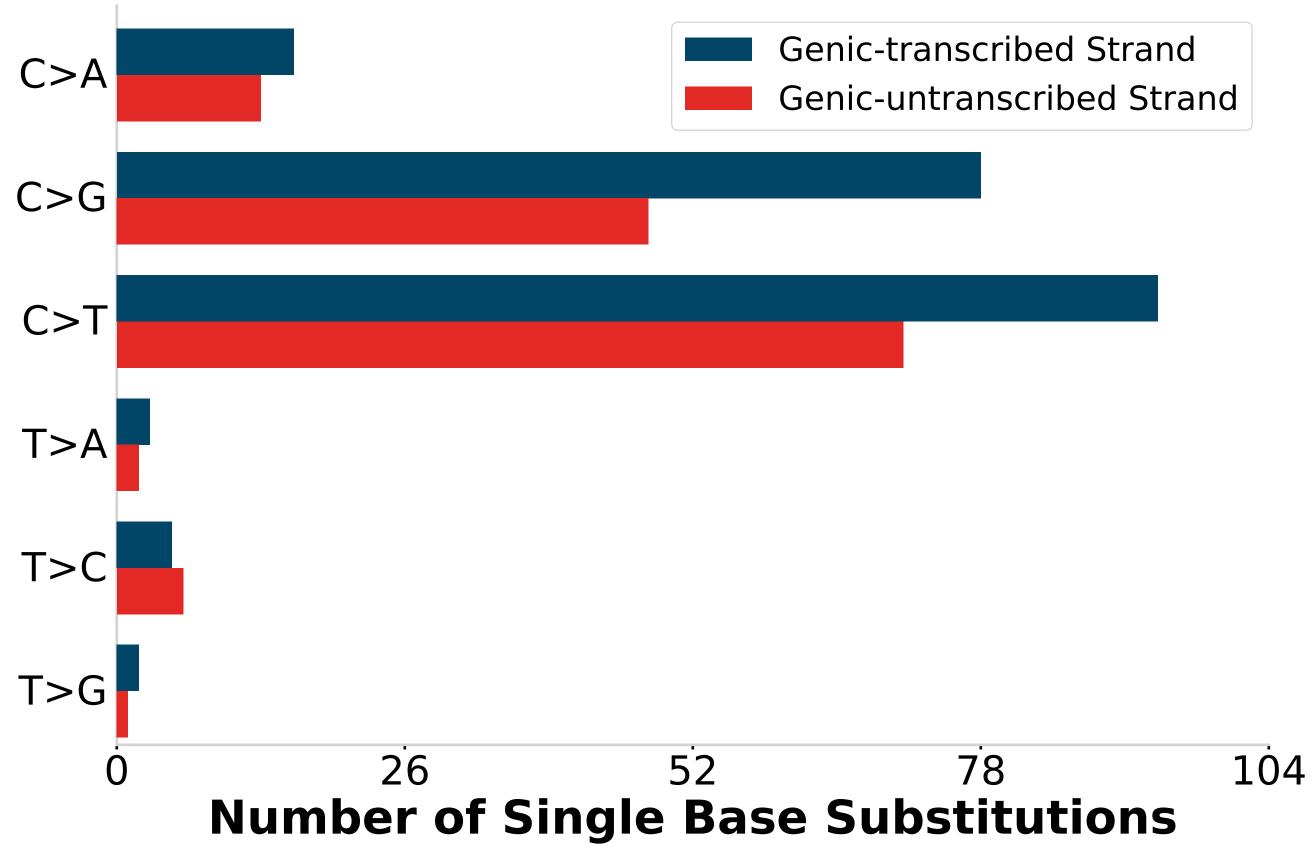
# TCGA-FD-A62N-01A-11D-A30E-08: 87 tran



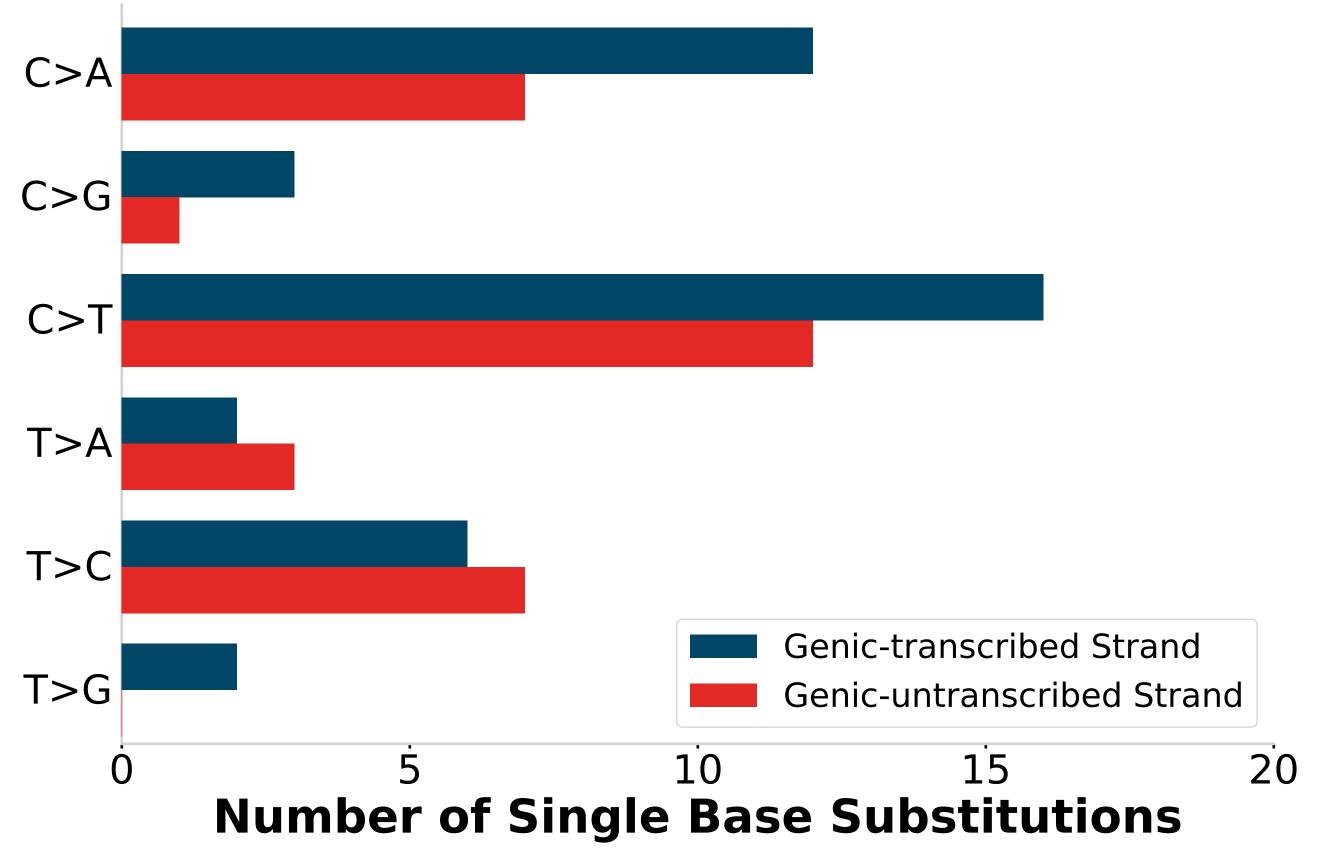
### TCGA-FD-A620-01A-11D-A30E-08: 167 tra



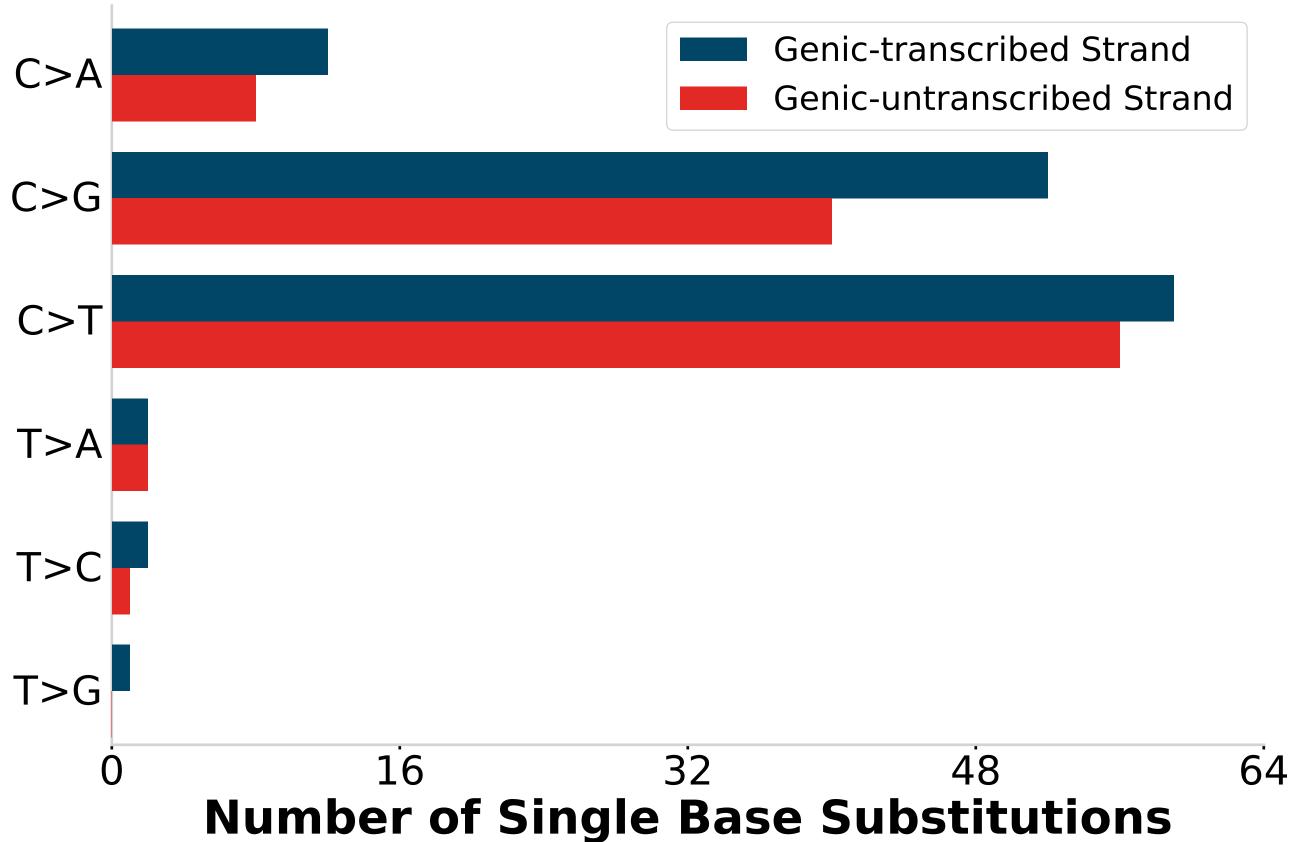
# TCGA-FD-A62P-01A-32D-A30E-08: 339 trai



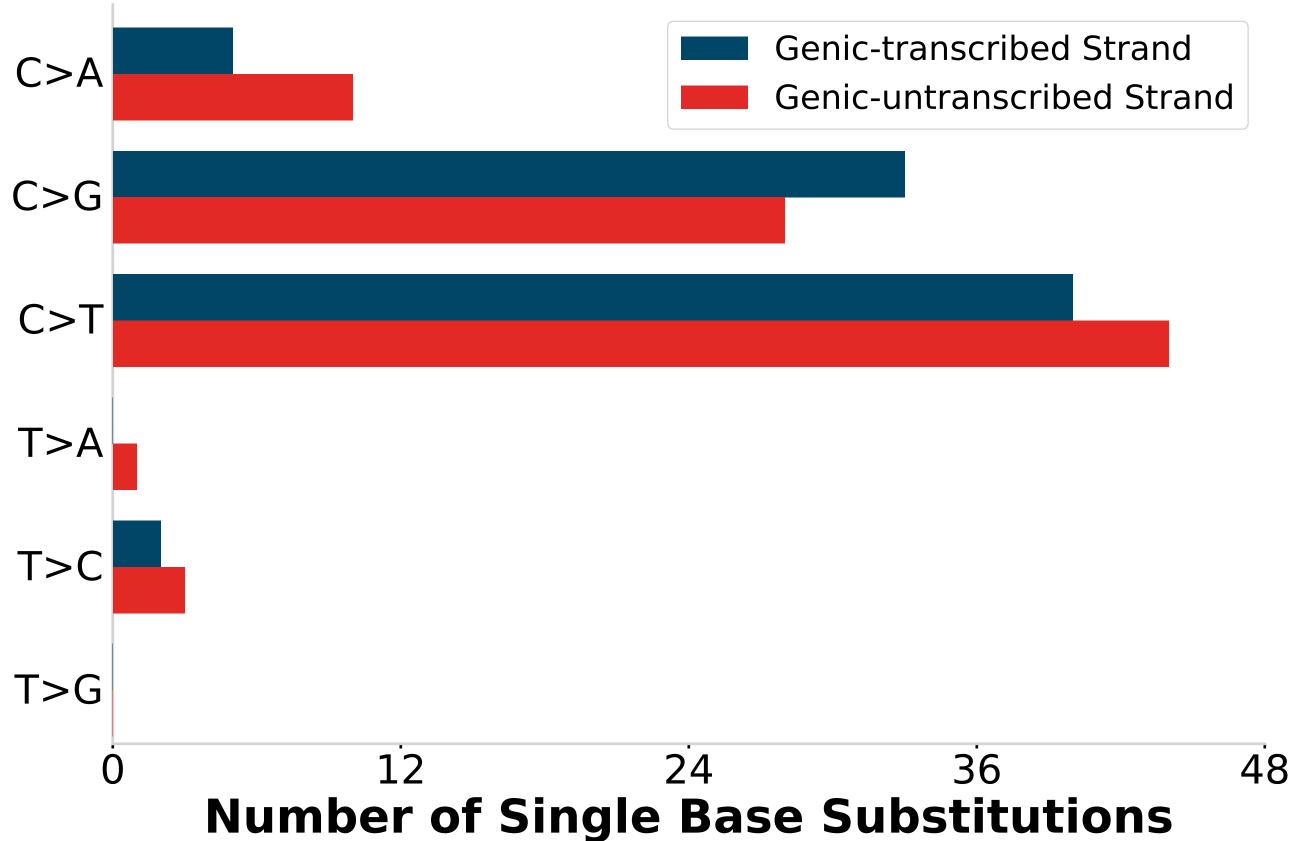
### TCGA-FD-A62S-01A-11D-A30E-08: 71 trans



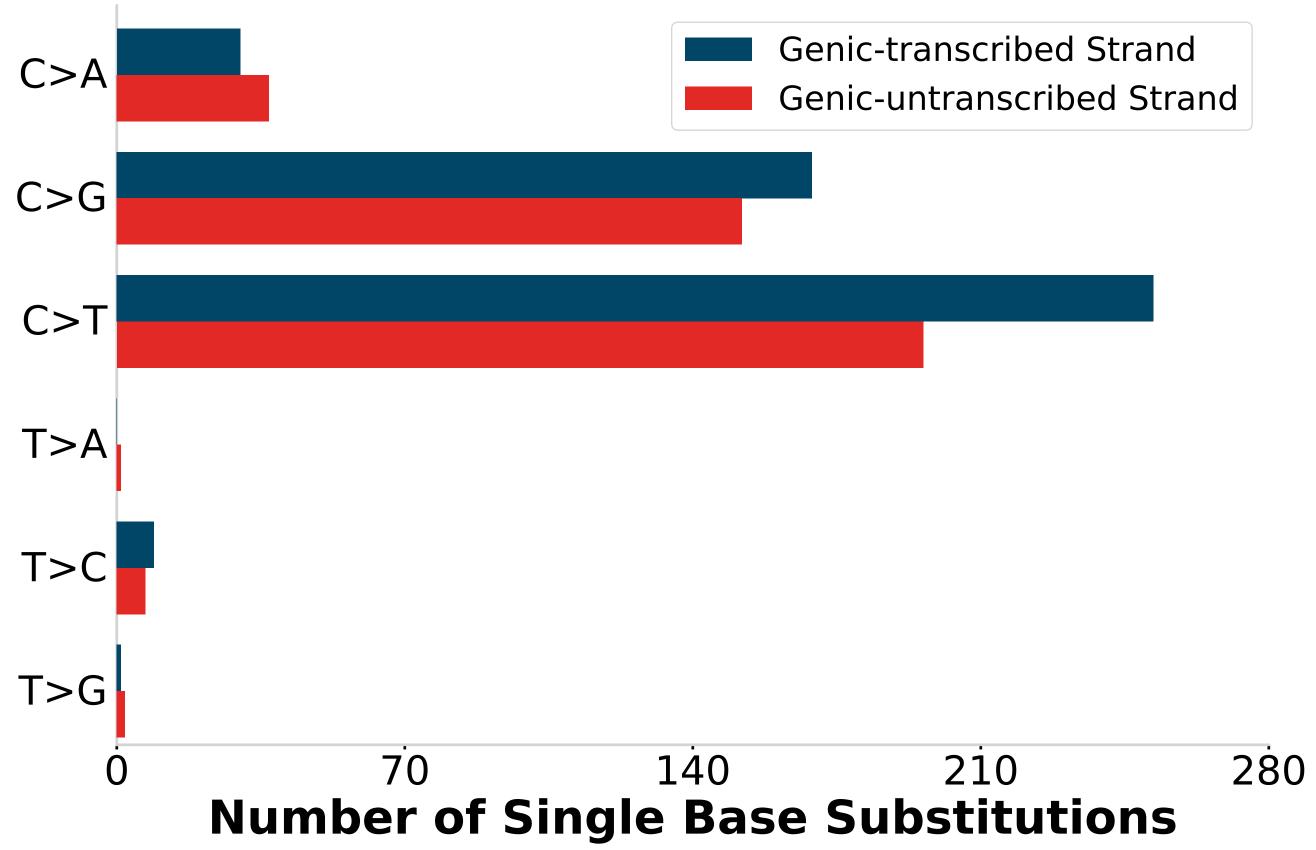
# TCGA-FD-A6TA-01A-12D-A339-08: 235 trai



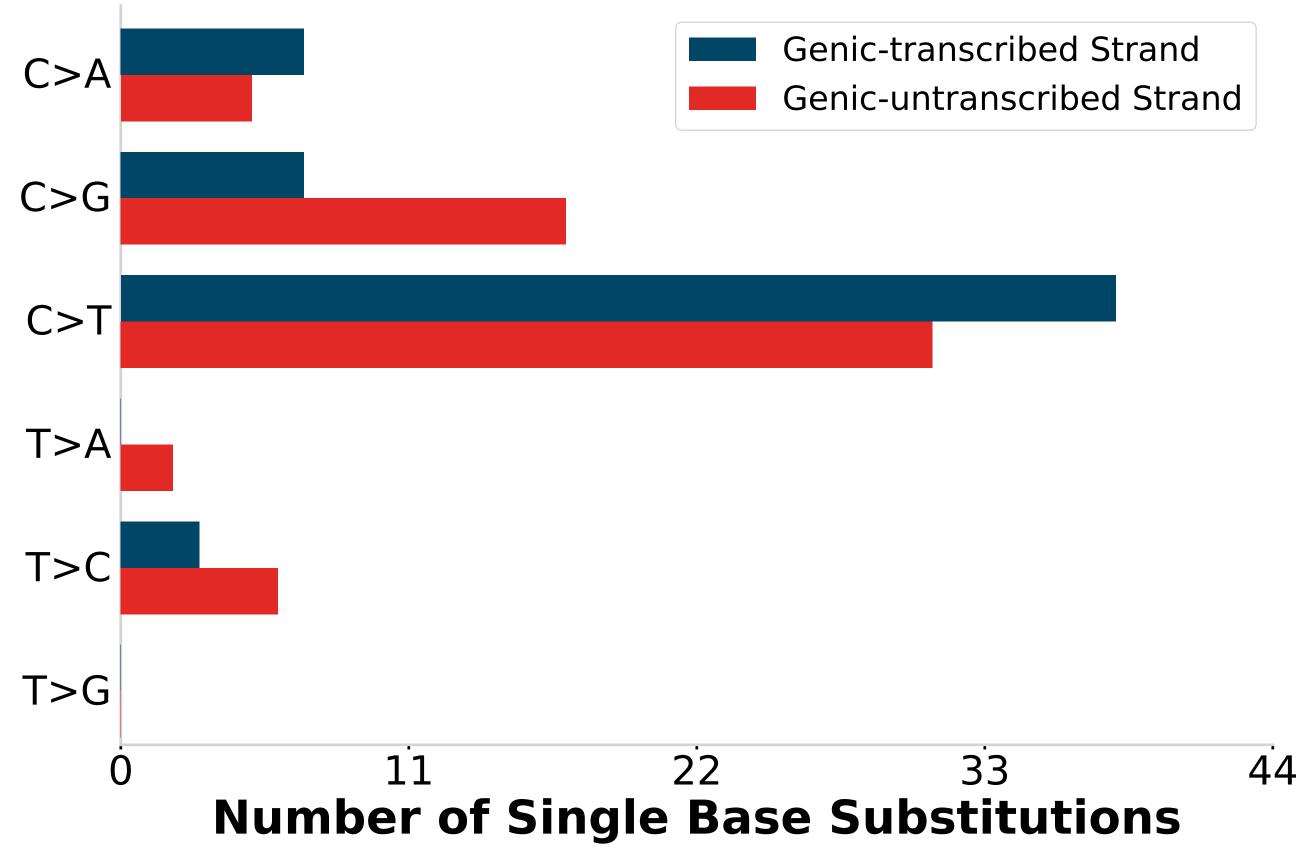
# TCGA-FD-A6TB-01A-12D-A339-08: 166 trail



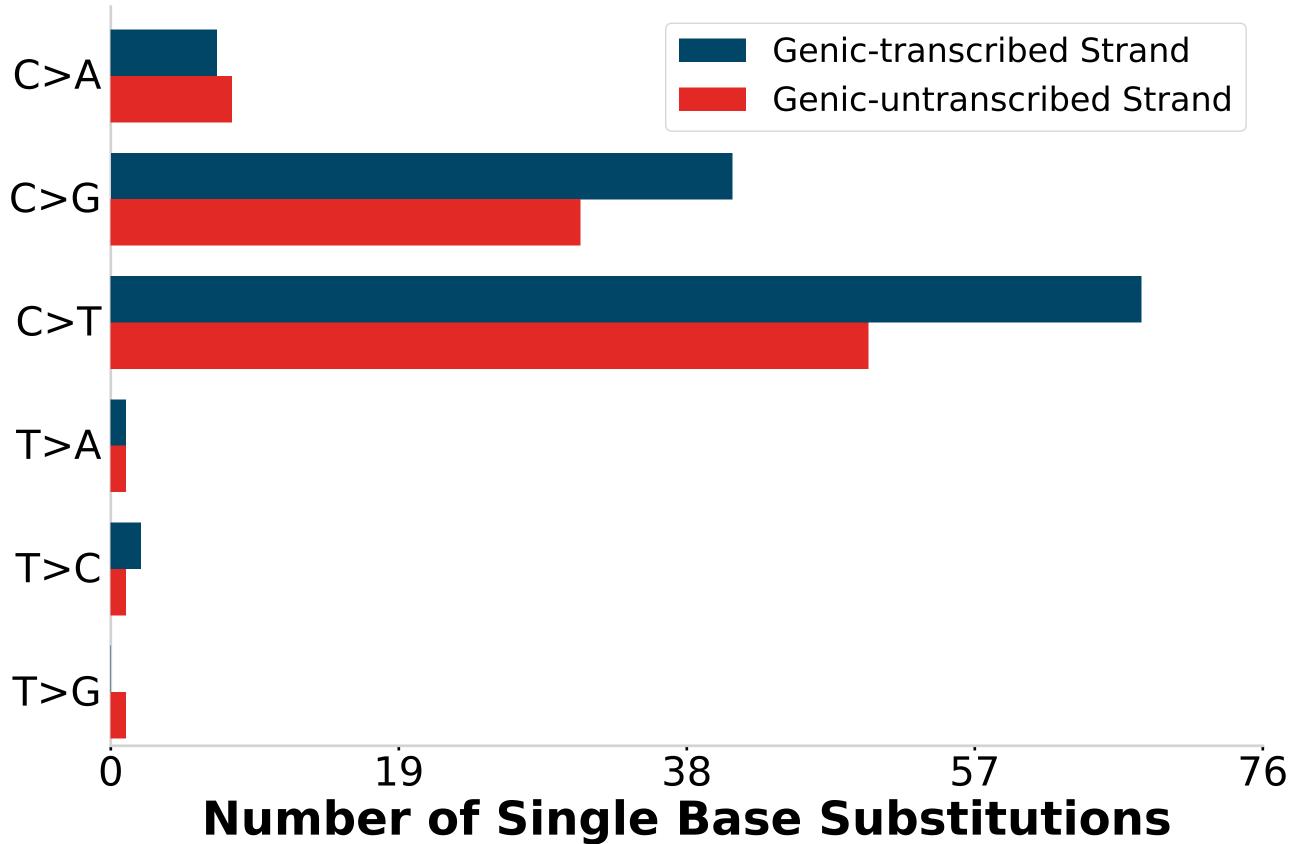
# TCGA-FD-A6TC-01A-21D-A339-08: 856 trail



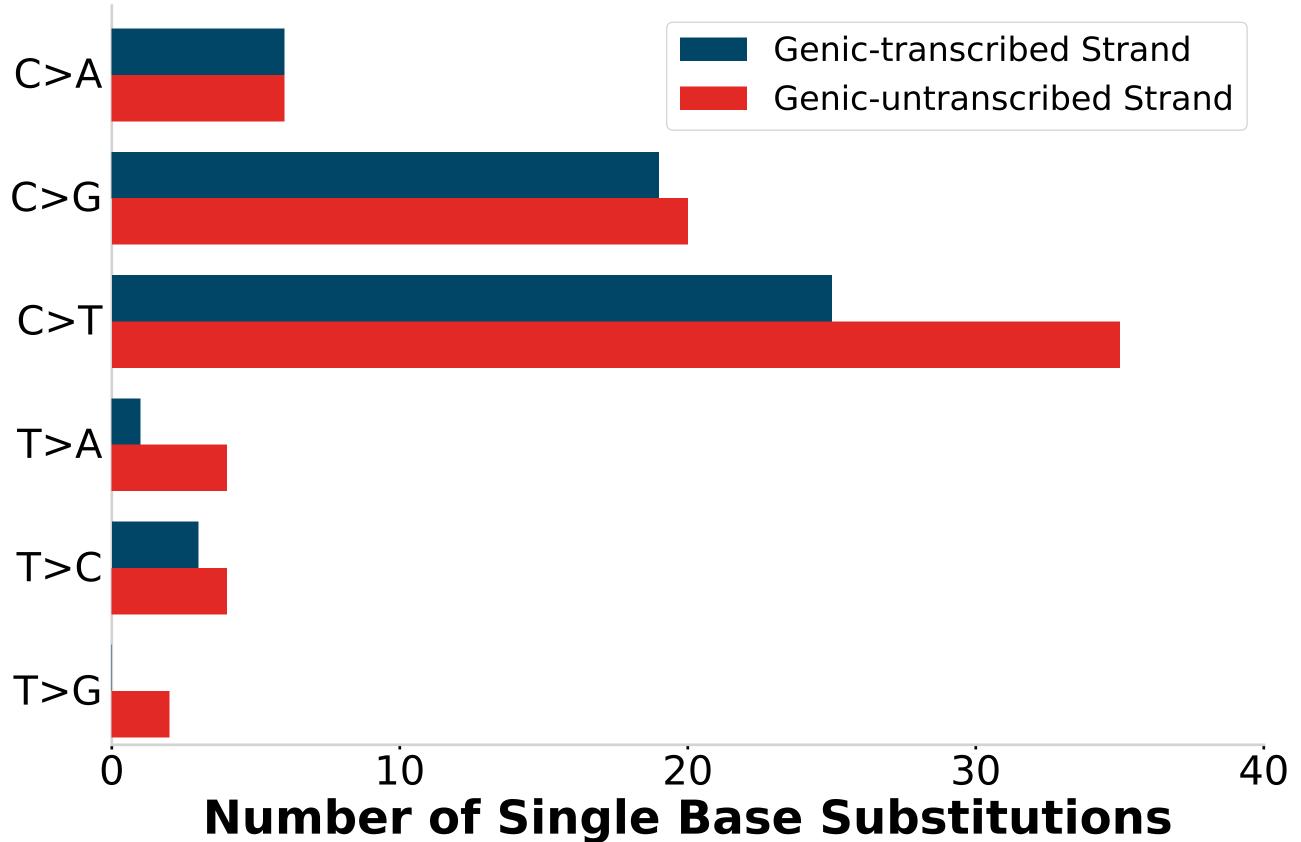
### TCGA-FD-A6TD-01A-51D-A339-08: 116 tra



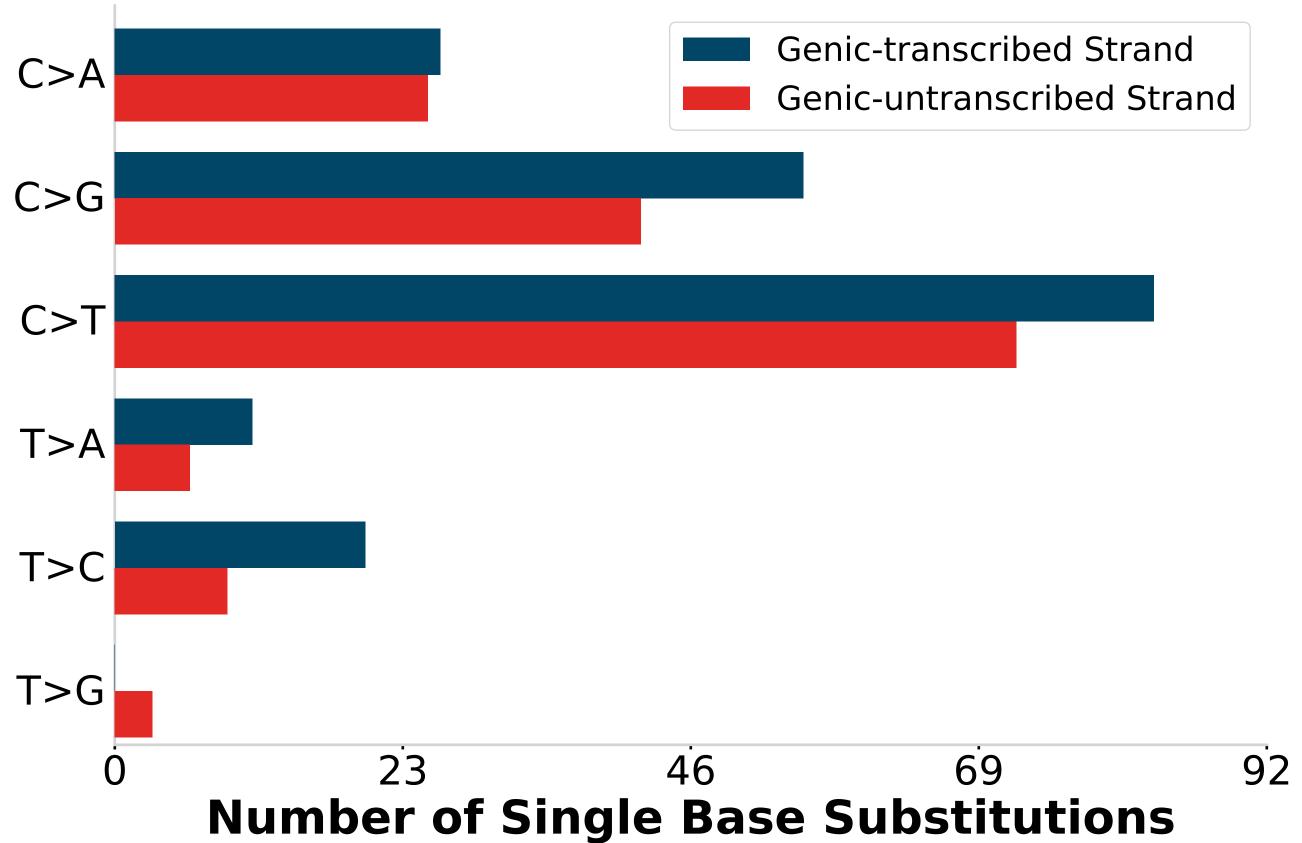
# TCGA-FD-A6TE-01A-12D-A339-08: 211 trai



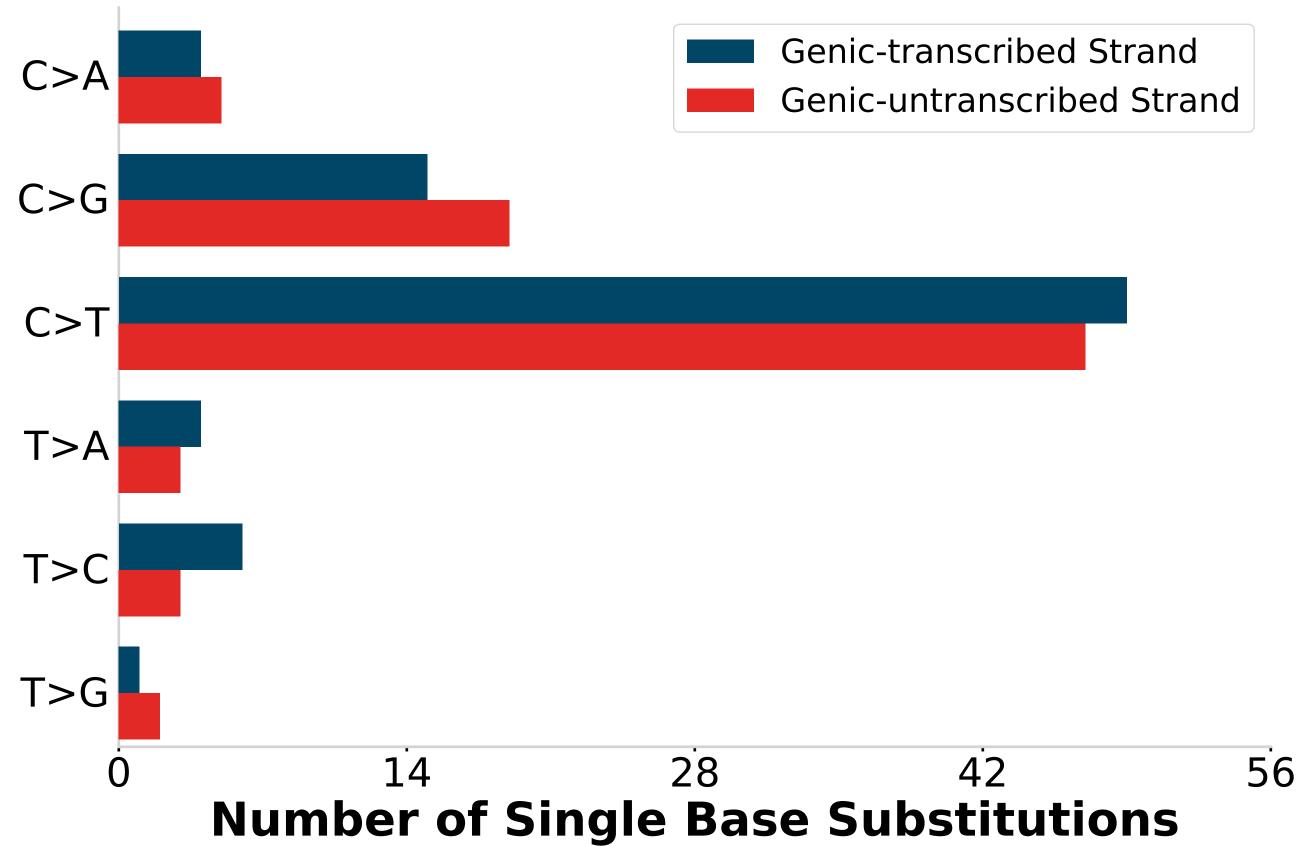
# TCGA-FD-A6TF-01A-52D-A32B-08: 125 trai



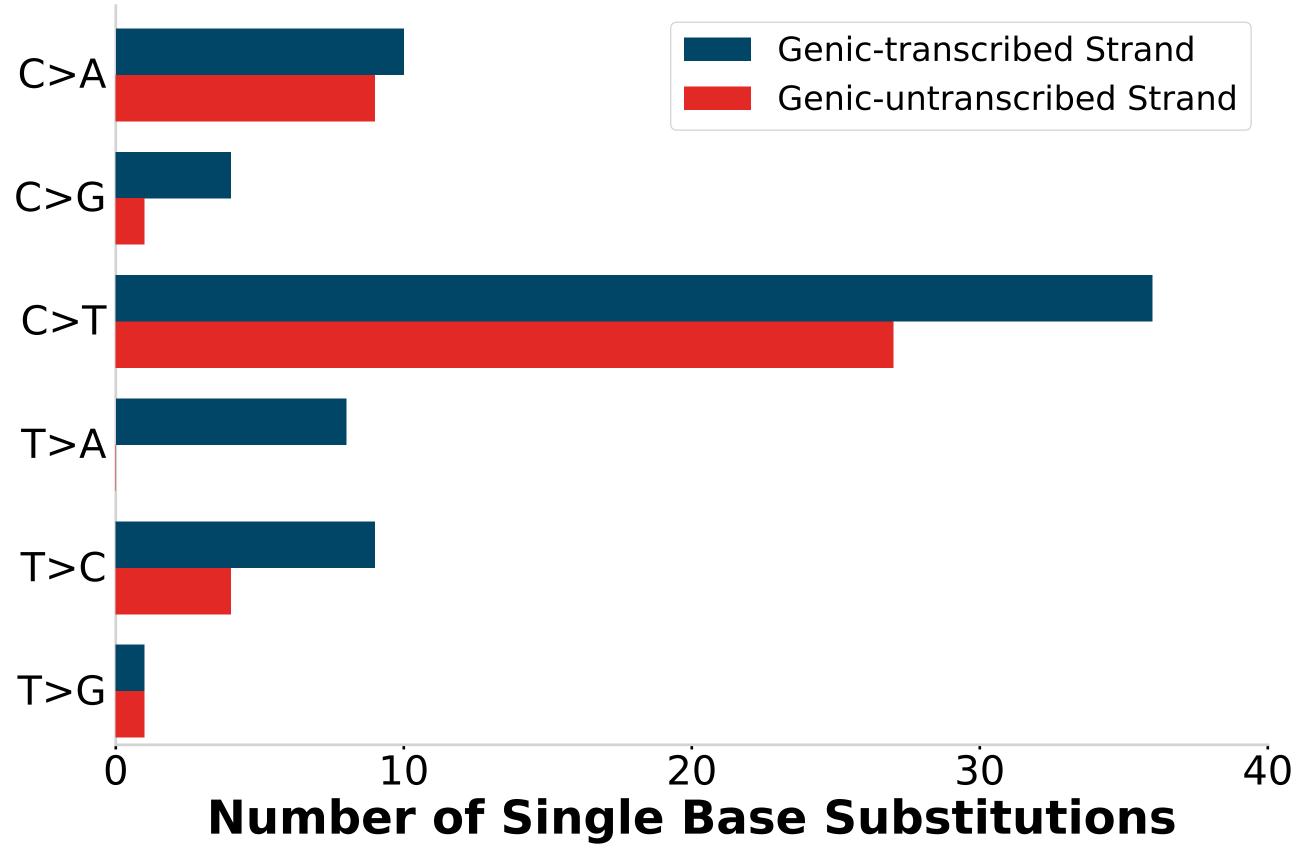
### TCGA-FD-A6TG-01A-11D-A32B-08: 352 tra



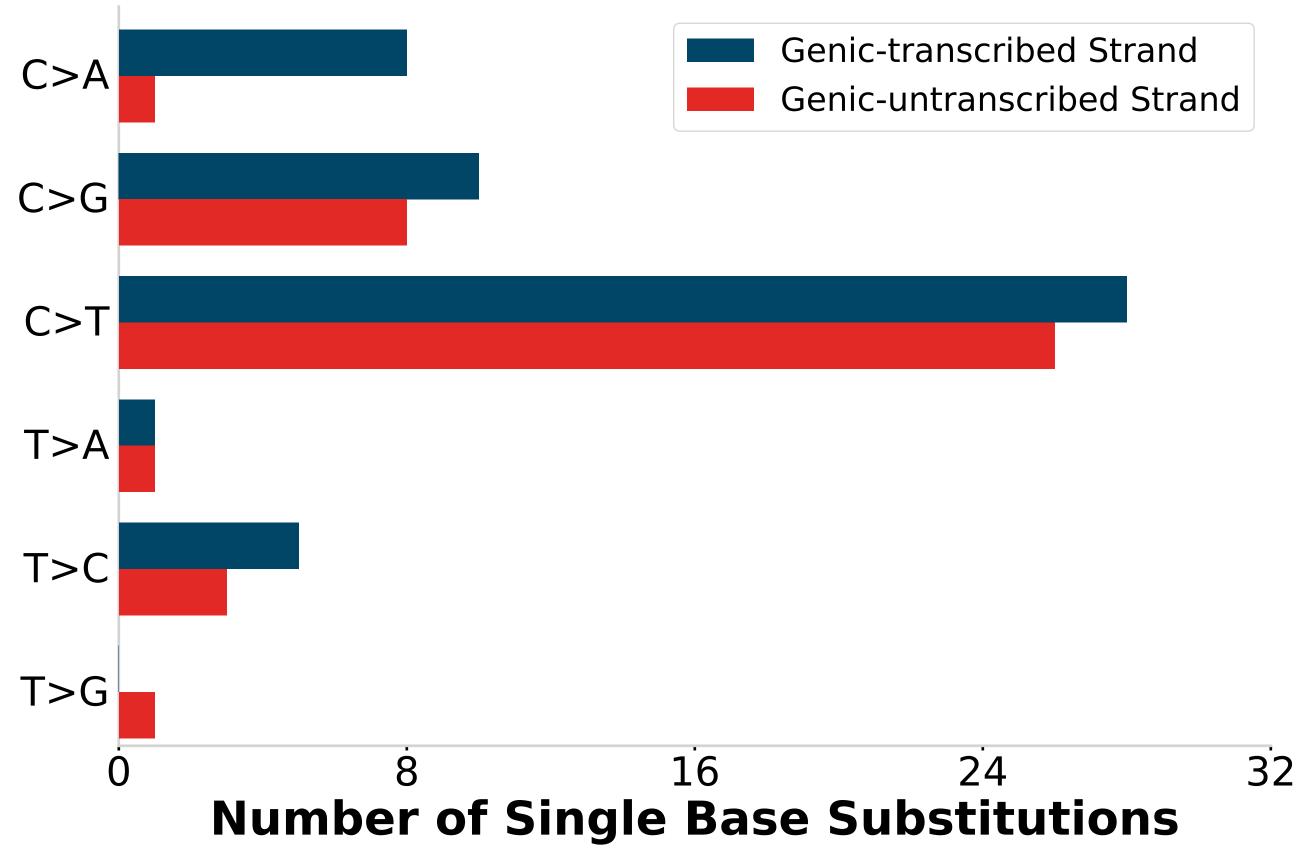
### TCGA-FD-A6TH-01A-11D-A32B-08: 158 tra



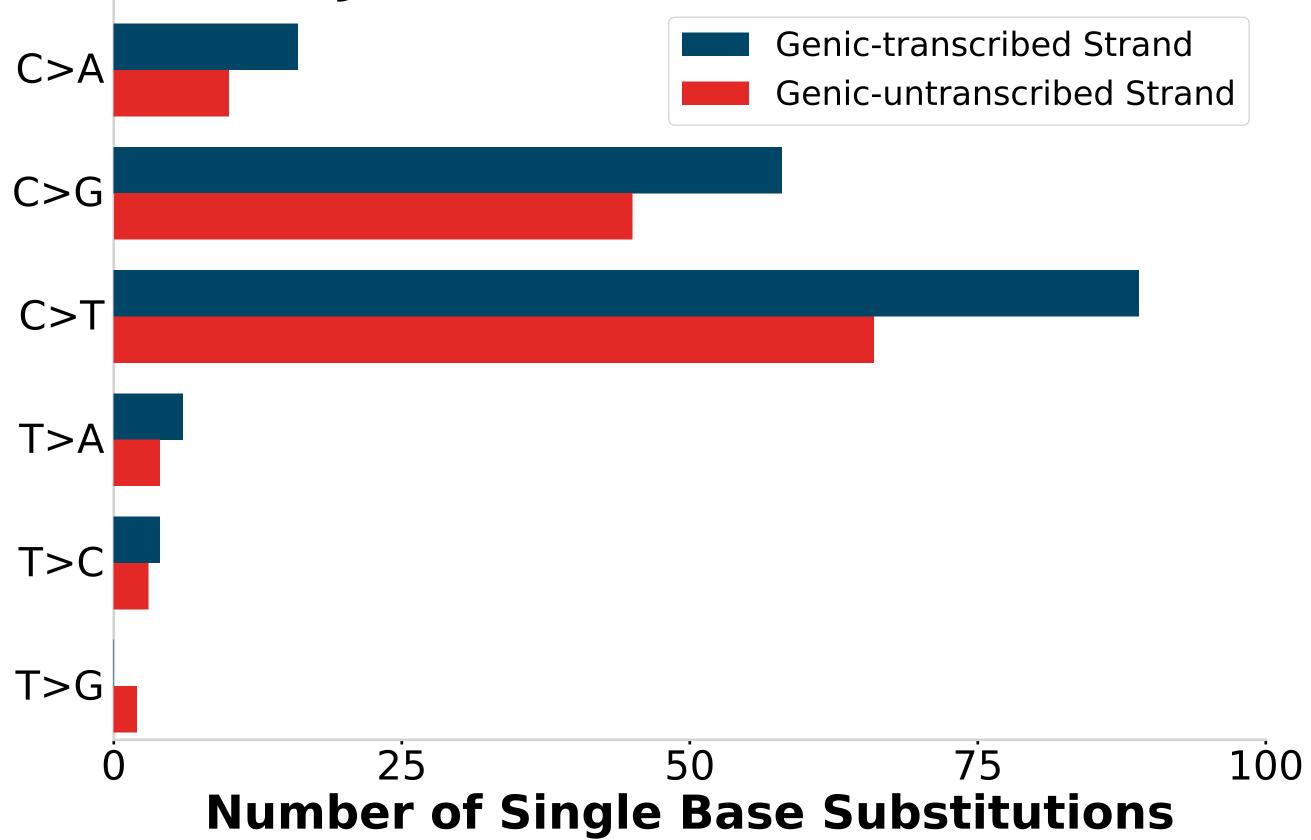
### TCGA-FD-A6TI-01A-11D-A32B-08: 110 tran



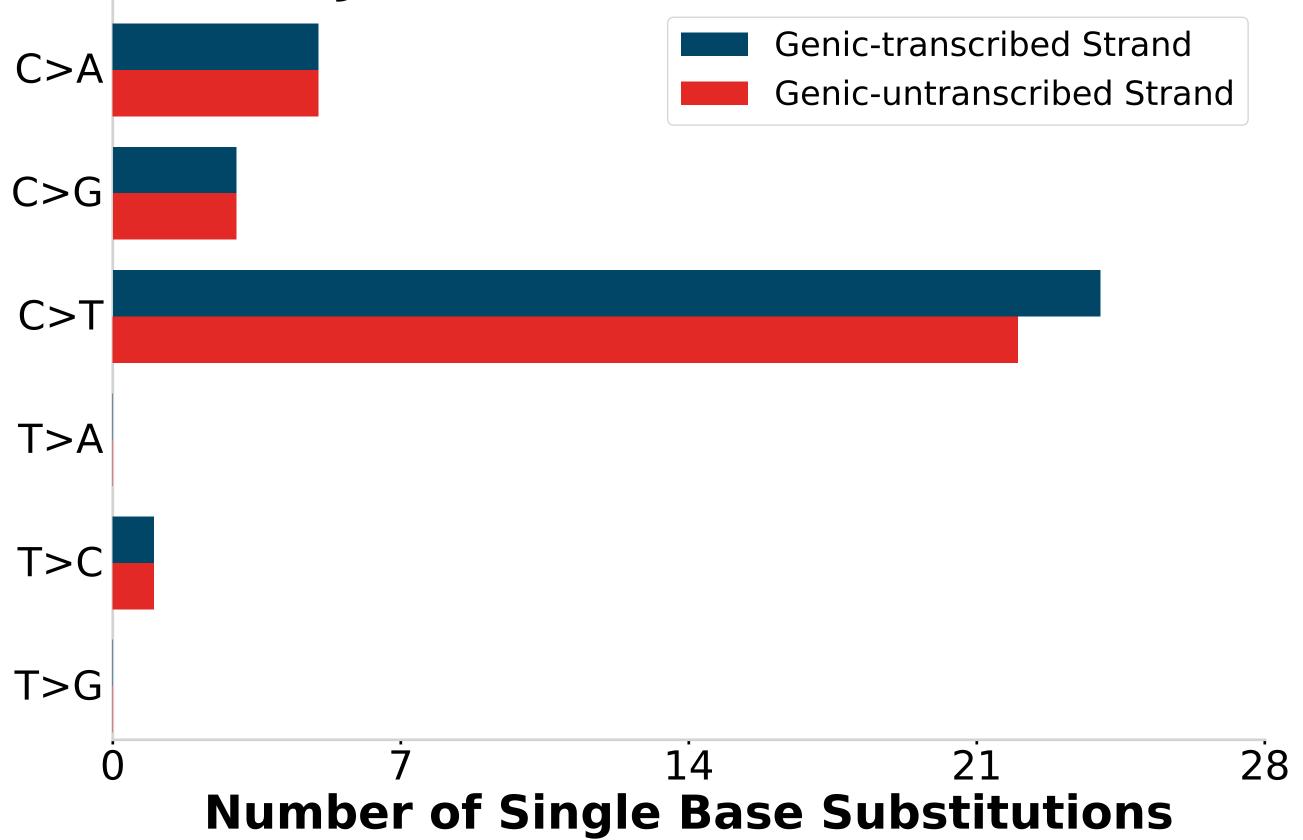
### TCGA-FD-A6TK-01A-42D-A339-08: 92 trans



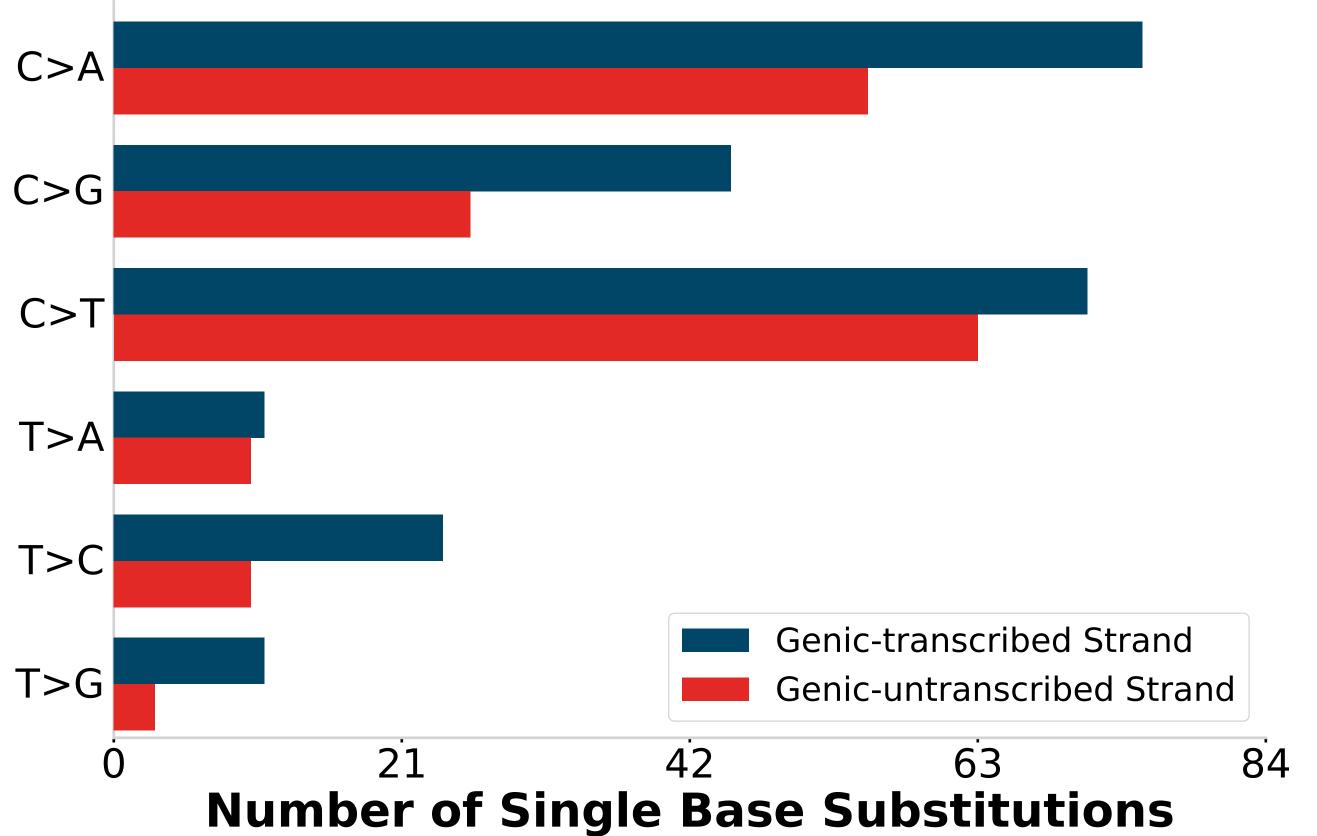
# TCGA-FJ-A3Z7-01A-12D-A23M-08: 303 trar



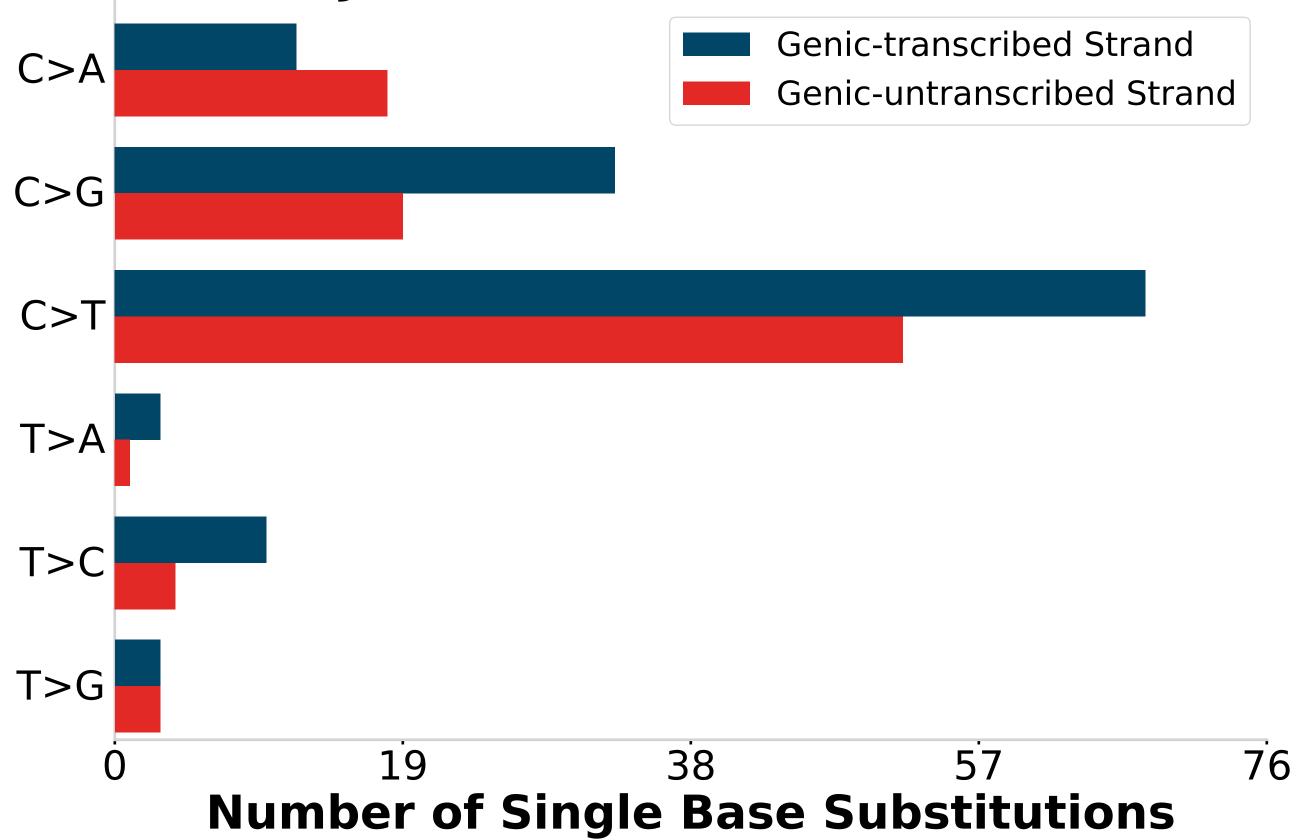
# TCGA-FJ-A3Z9-01A-11D-A26M-08: 64 trans



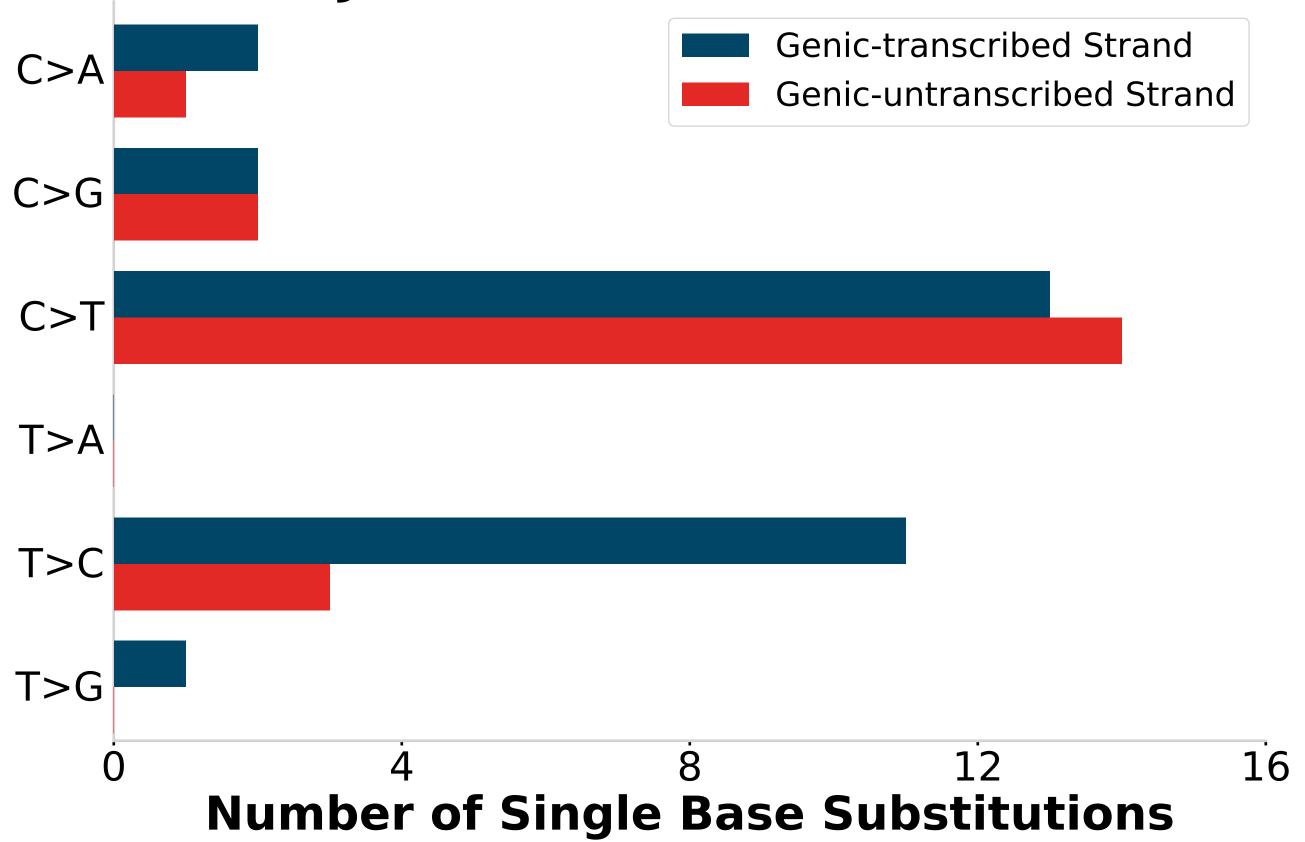
# TCGA-FJ-A3ZE-01A-11D-A23M-08: 404 trar



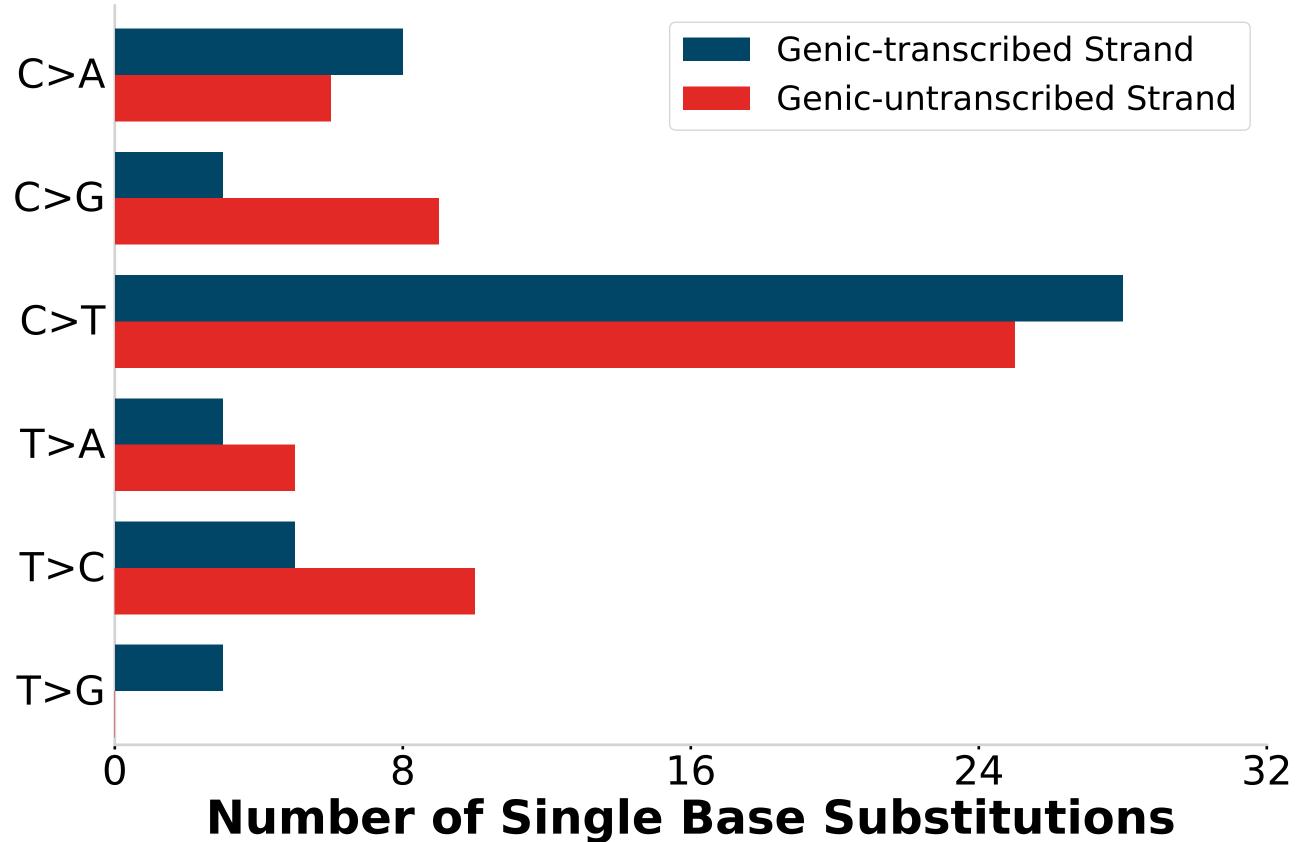
# TCGA-FJ-A3ZF-01A-11D-A23M-08: 226 trar



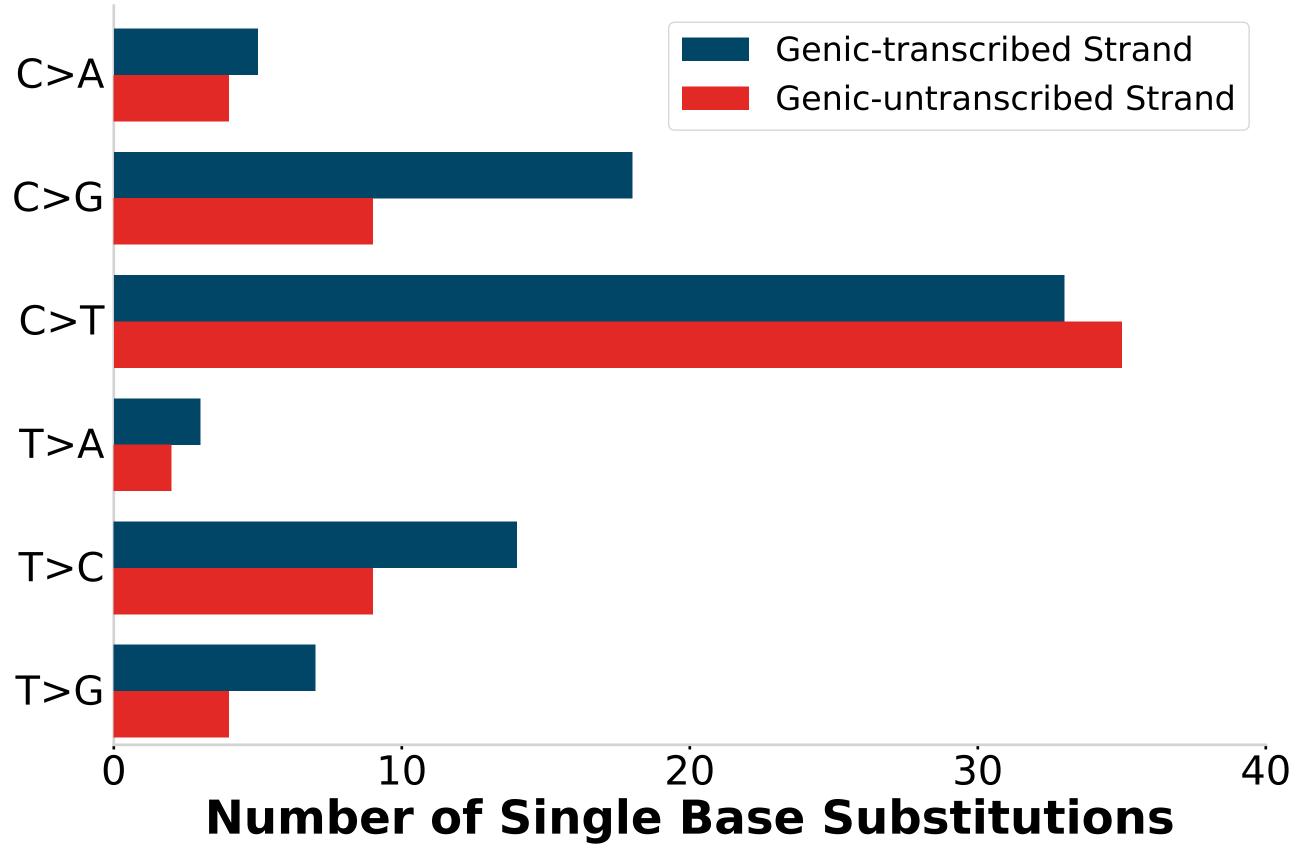
# TCGA-FJ-A871-01A-11D-A34U-08: 49 trans



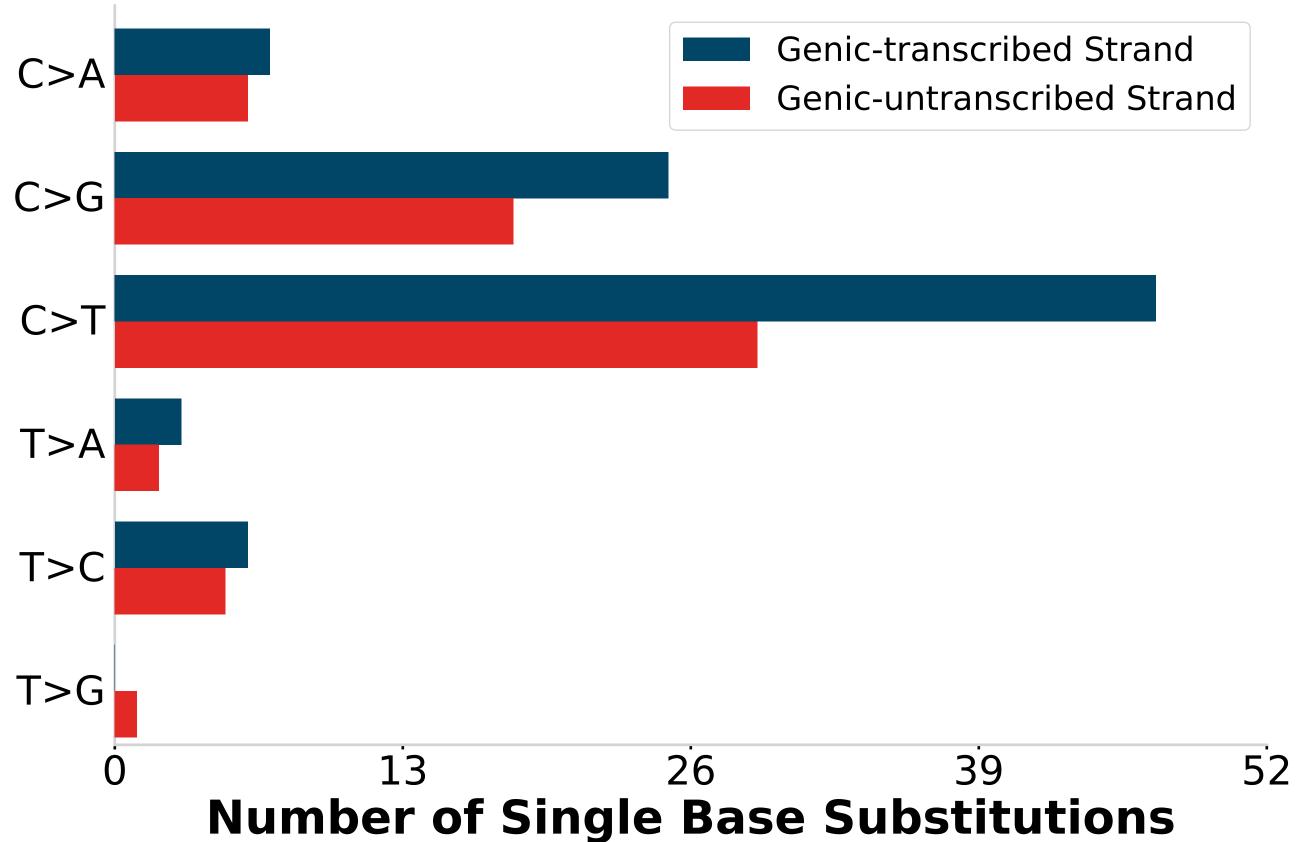
# TCGA-FT-A3EE-01A-11D-A202-08: 105 tran



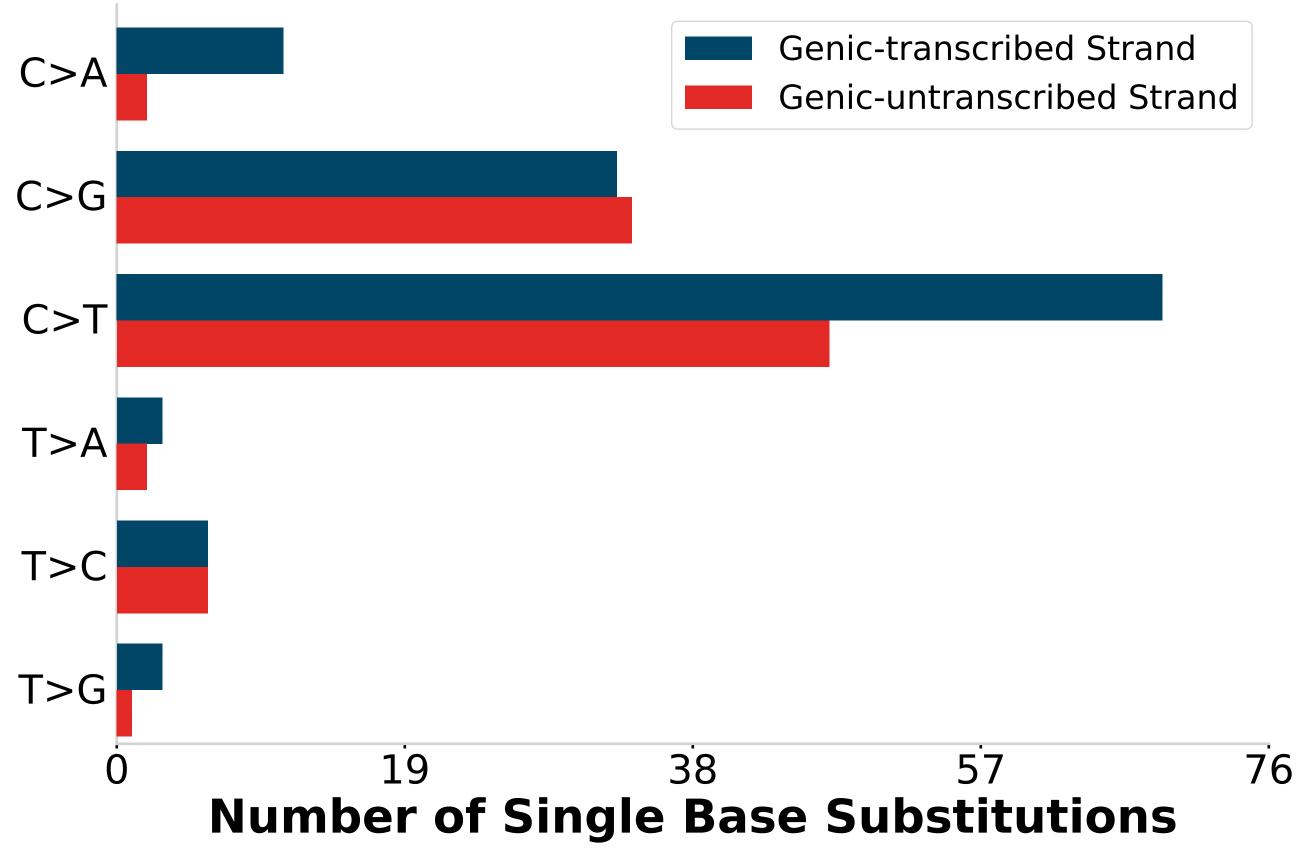
# TCGA-FT-A61P-01A-11D-A30E-08: 143 tran



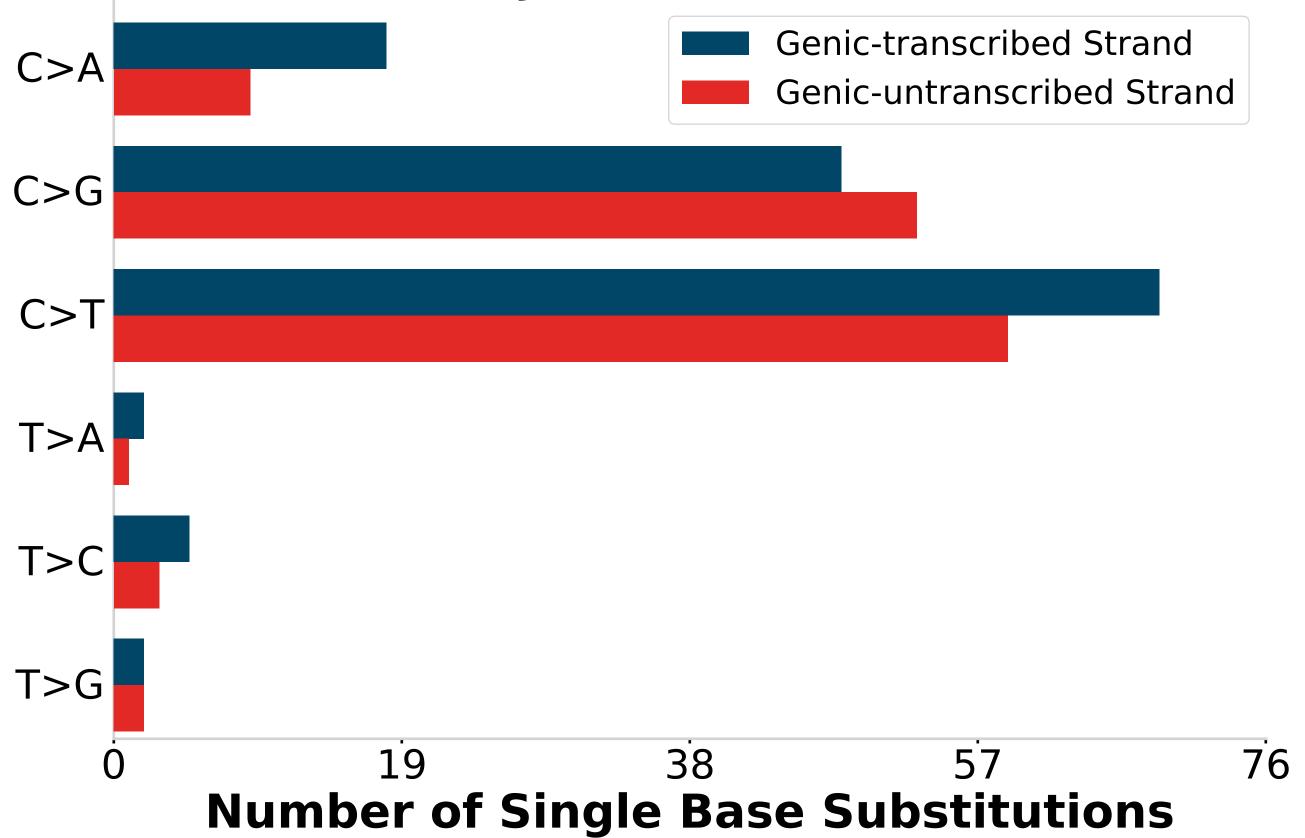
# TCGA-G2-A2EC-01A-11D-A17V-08: 149 trail



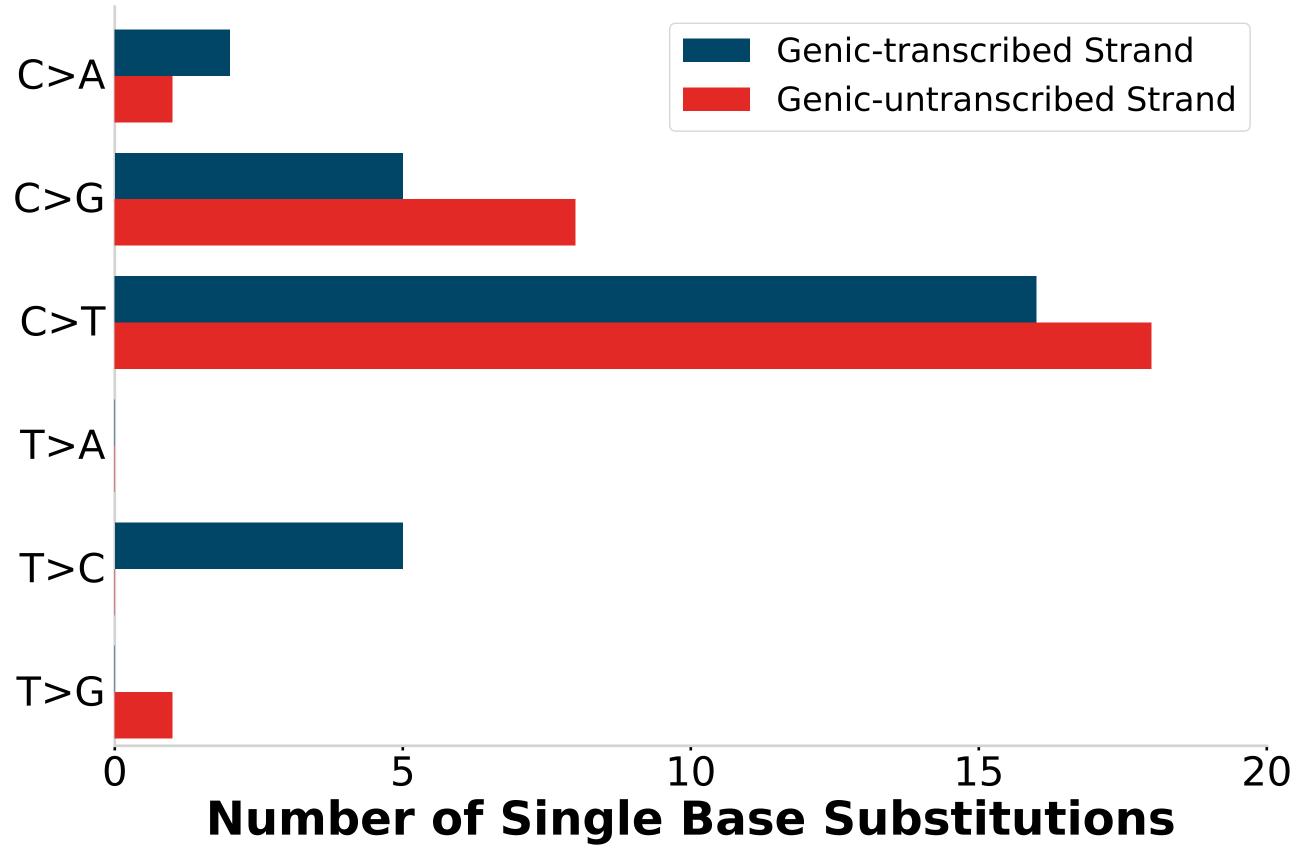
# TCGA-G2-A2EF-01A-12D-A18F-08: 217 trar



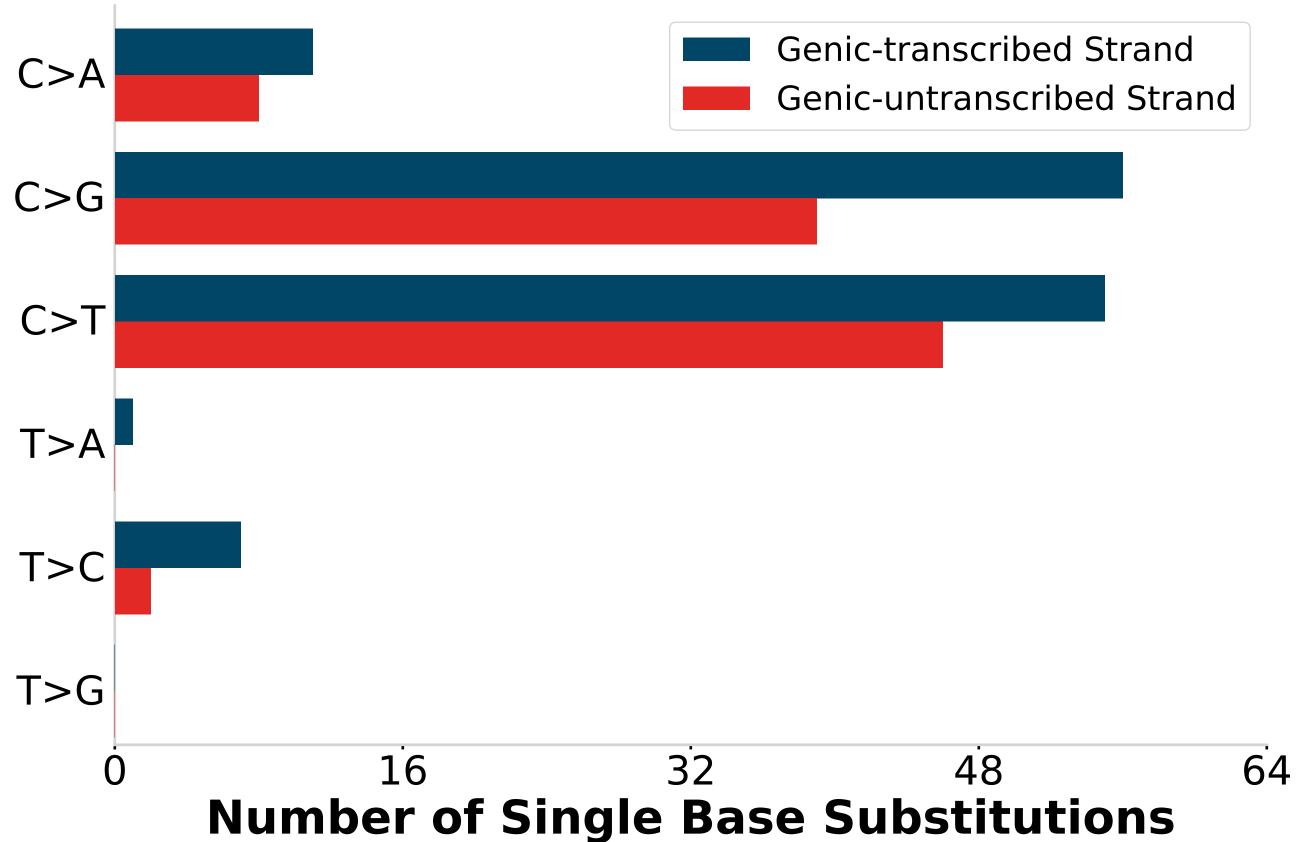
# TCGA-G2-A2EJ-01A-11D-A17V-08: 271 tran



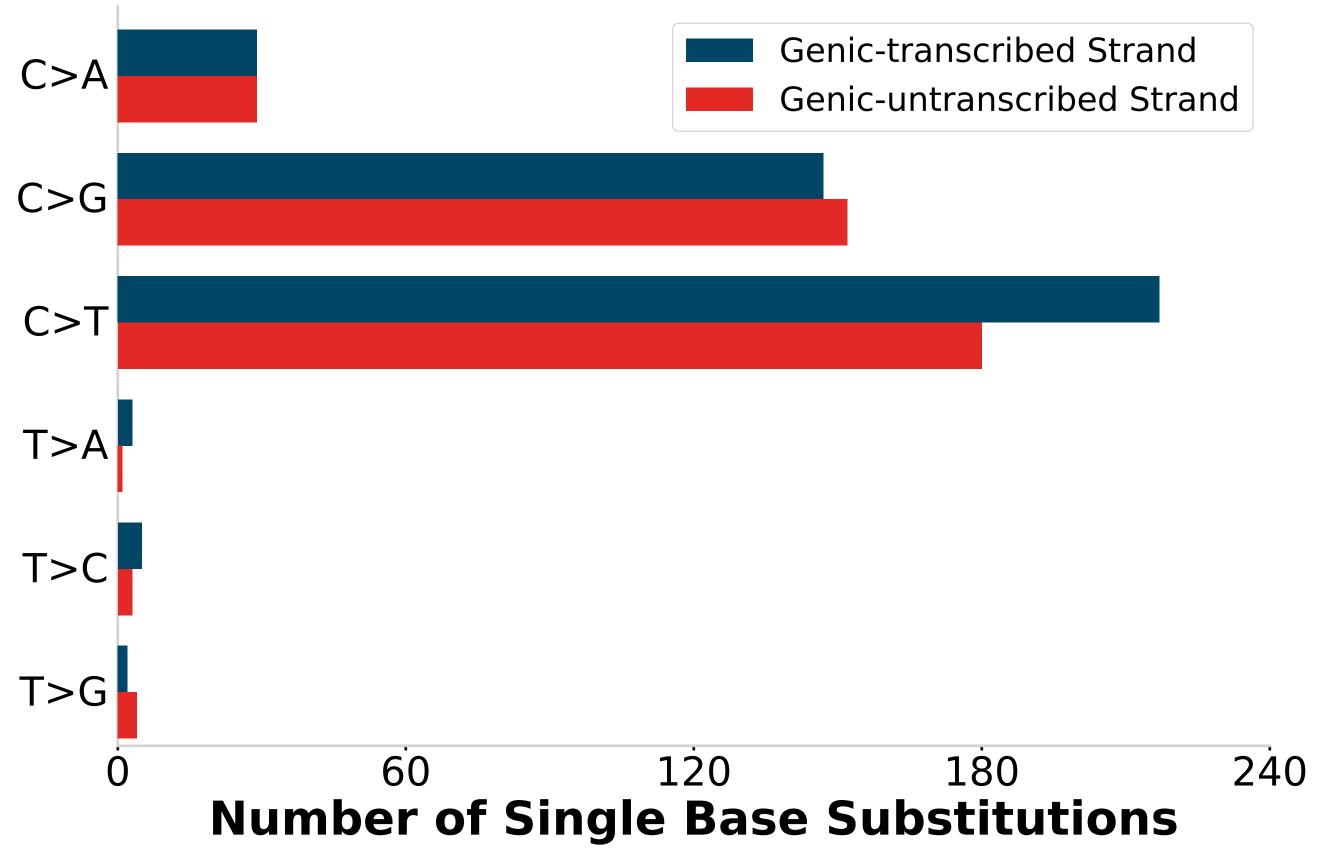
#### TCGA-G2-A2EK-01A-22D-A18F-08: 56 trans



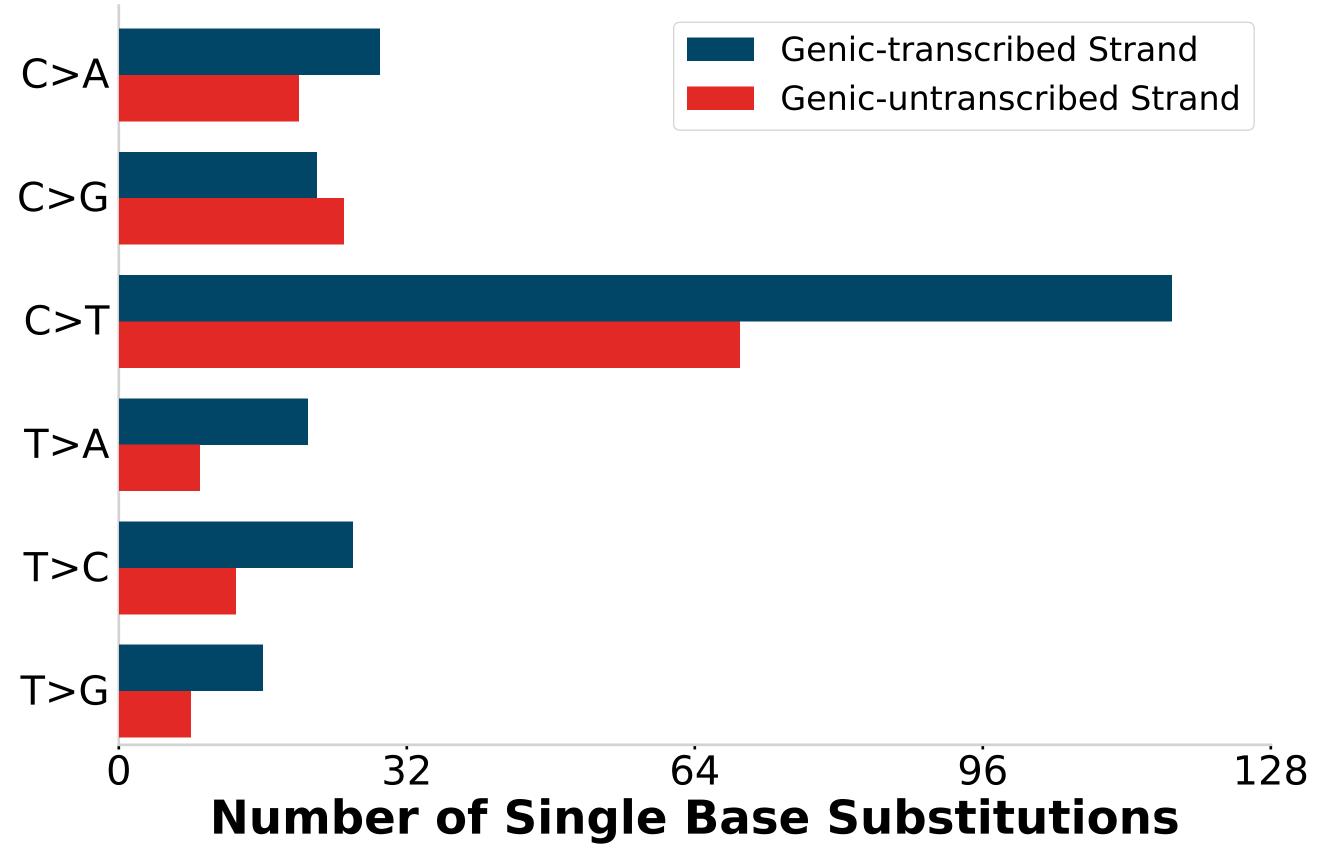
# TCGA-G2-A2EL-01A-12D-A18F-08: 225 trar



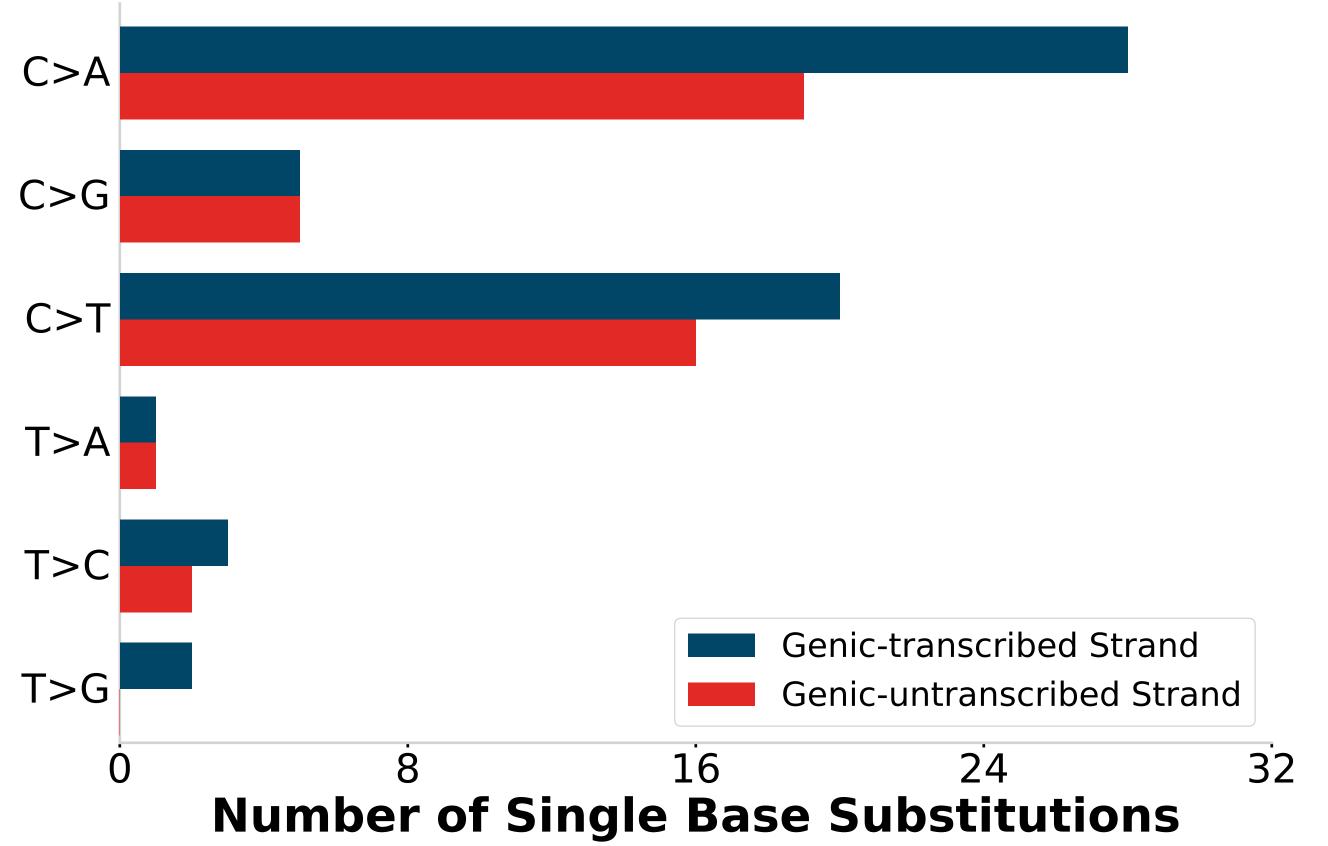
#### TCGA-G2-A2EO-01A-11D-A17V-08: 772 tra



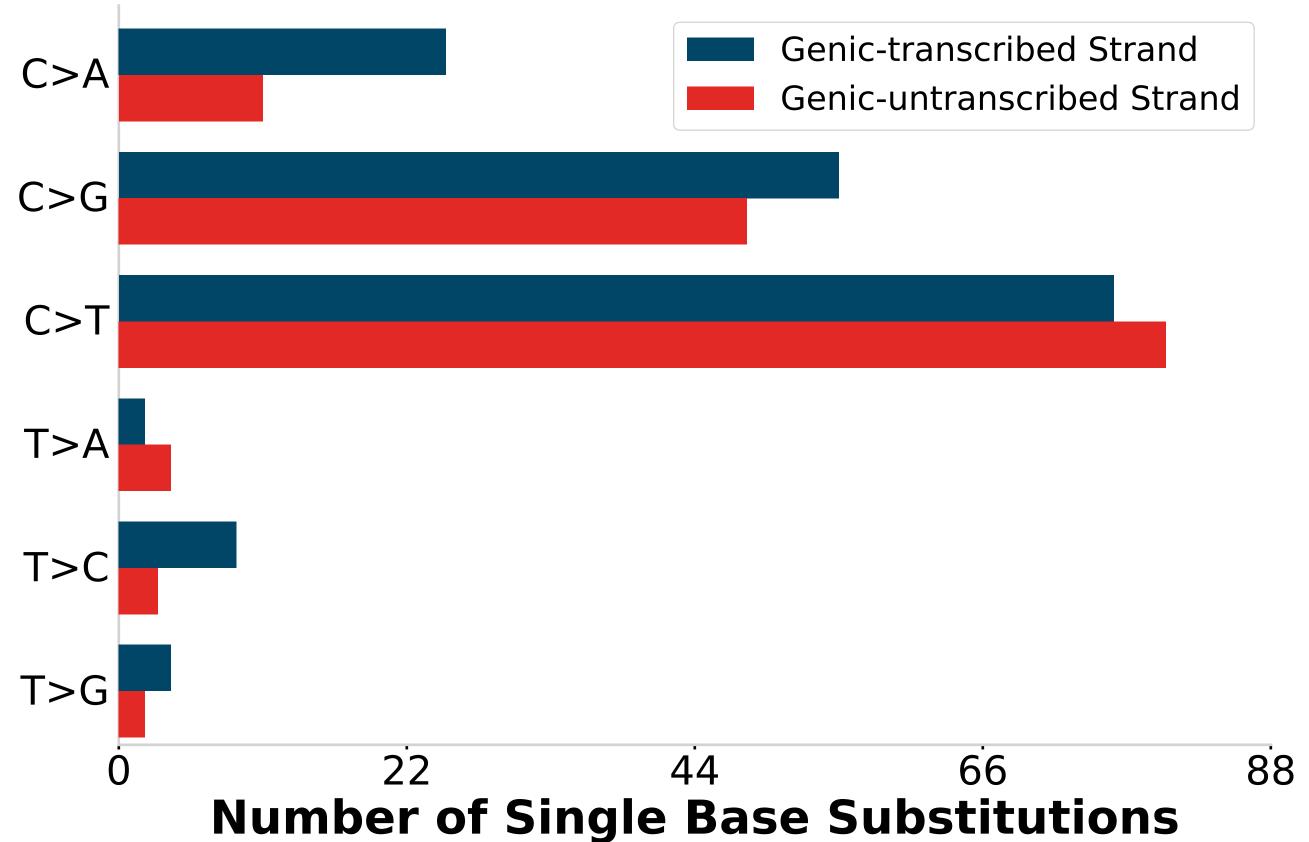
# TCGA-G2-A2ES-01A-11D-A17V-08: 375 train



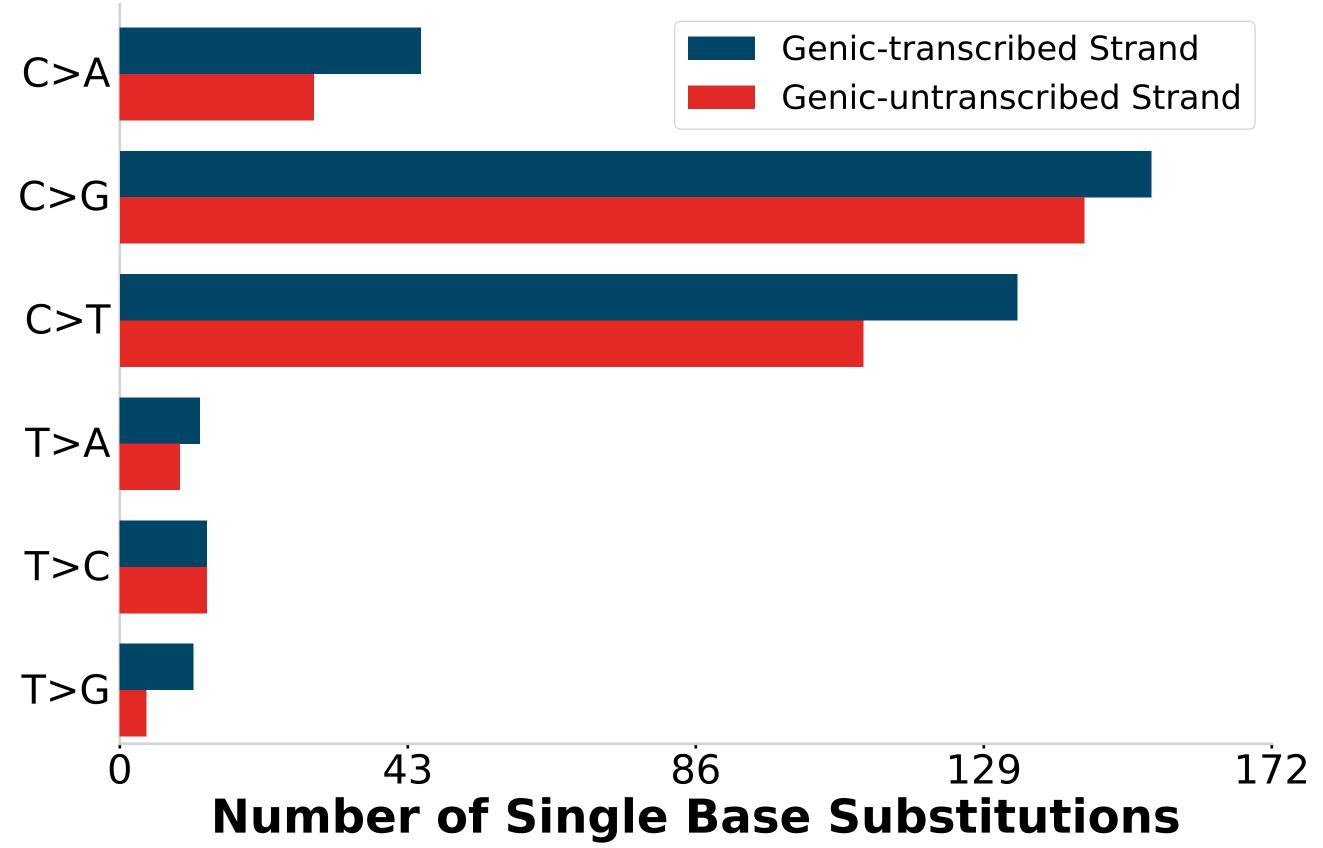
# TCGA-G2-A3IB-01A-11D-A20D-08: 102 trar



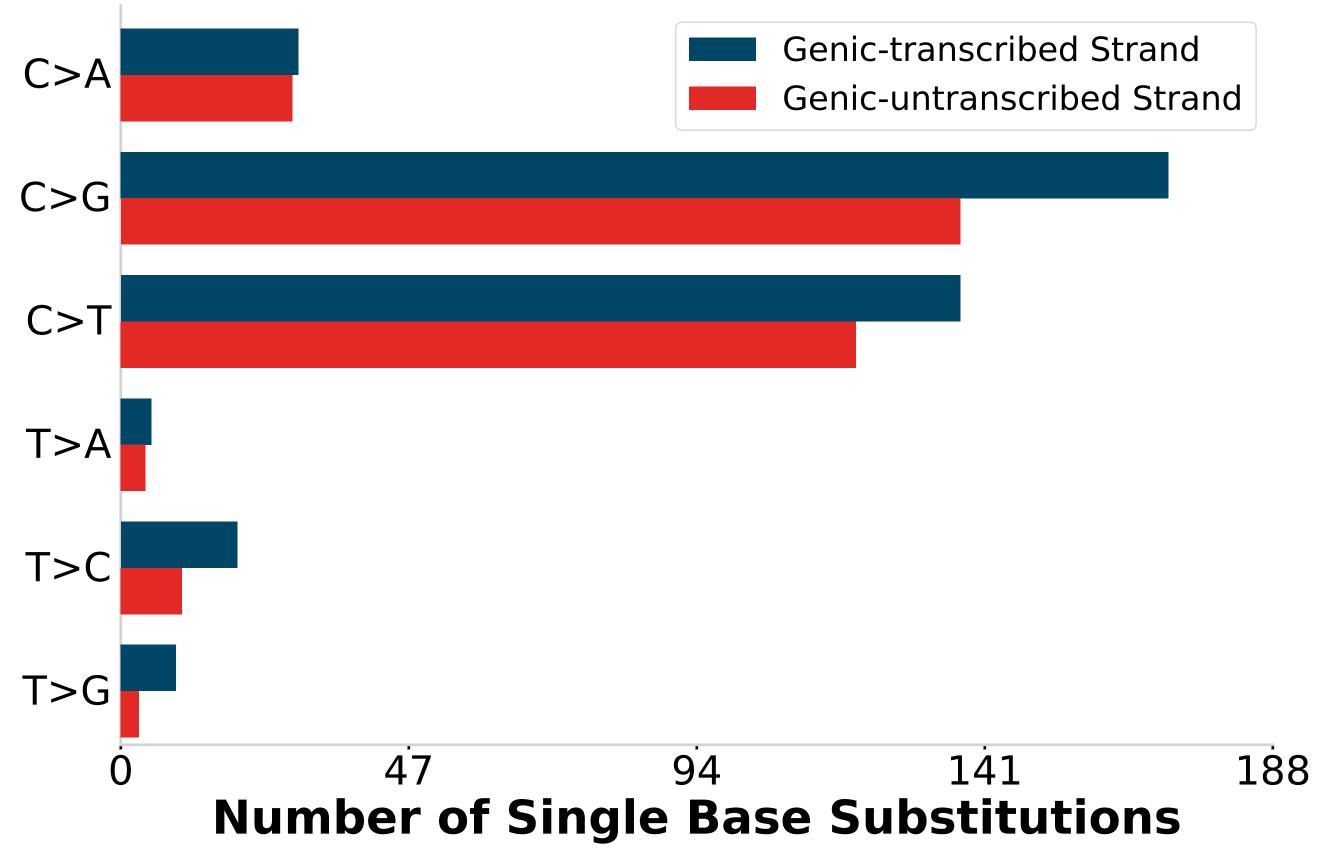
# TCGA-G2-A3IE-01A-11D-A20D-08: 319 trar



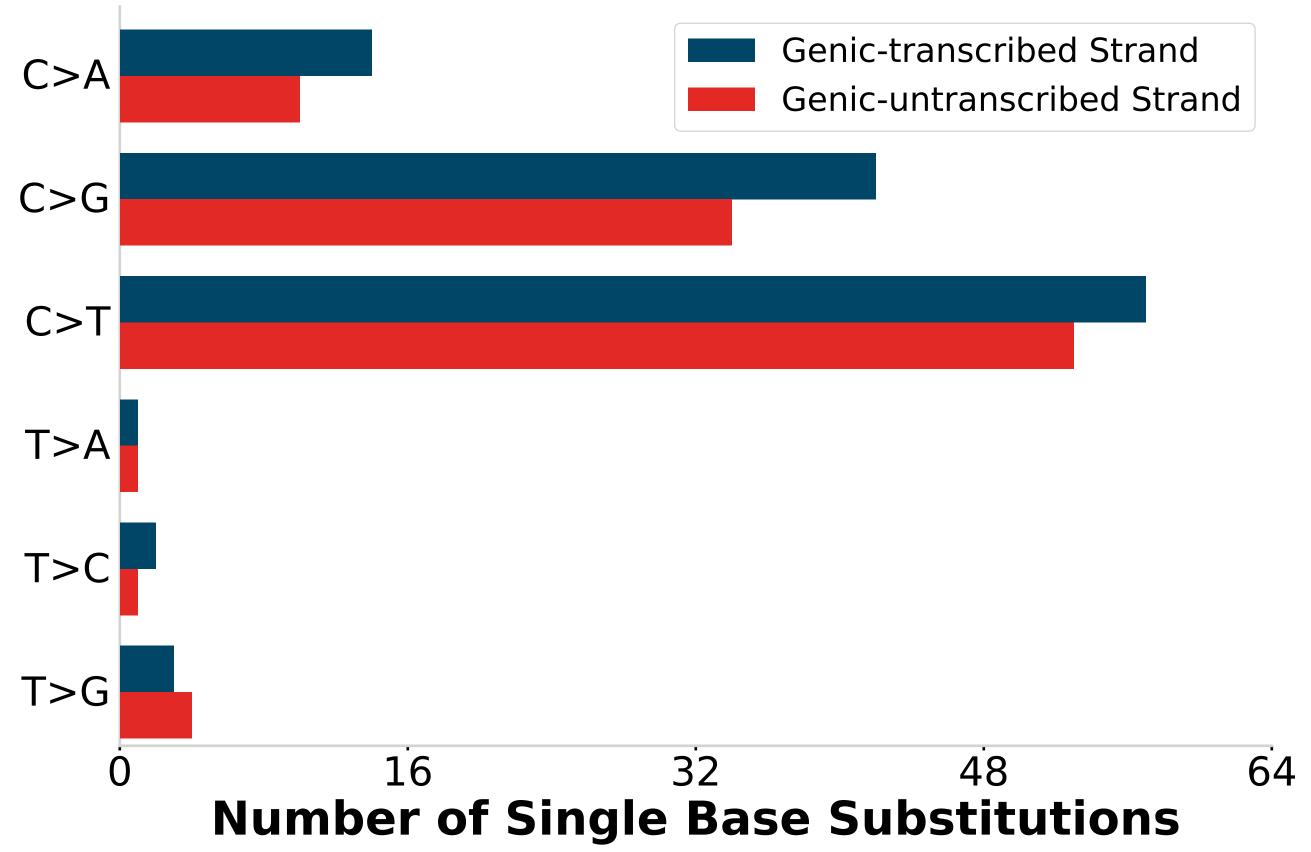
# TCGA-G2-A3VY-01A-11D-A22Z-08: 679 trai



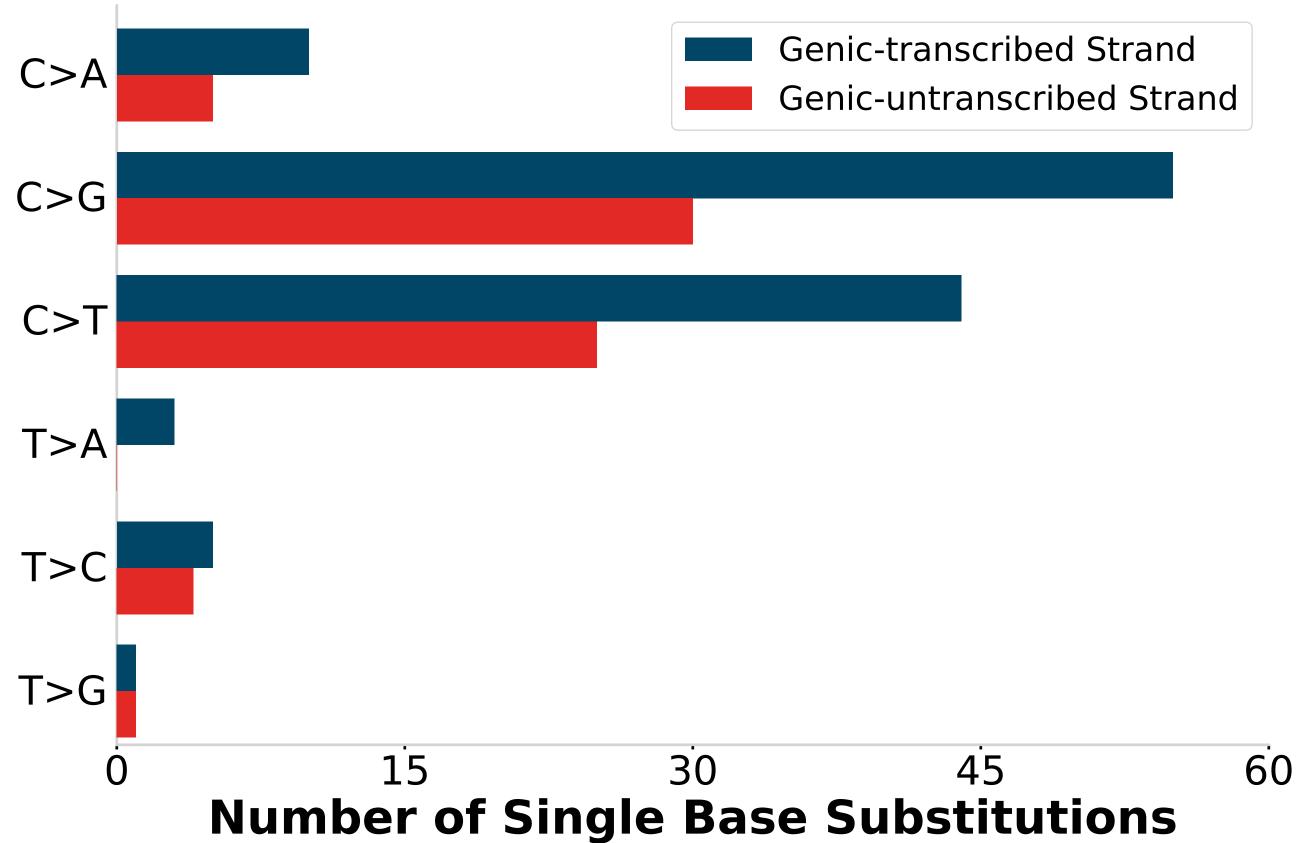
#### TCGA-G2-AA3B-01A-11D-A391-08: 672 tra



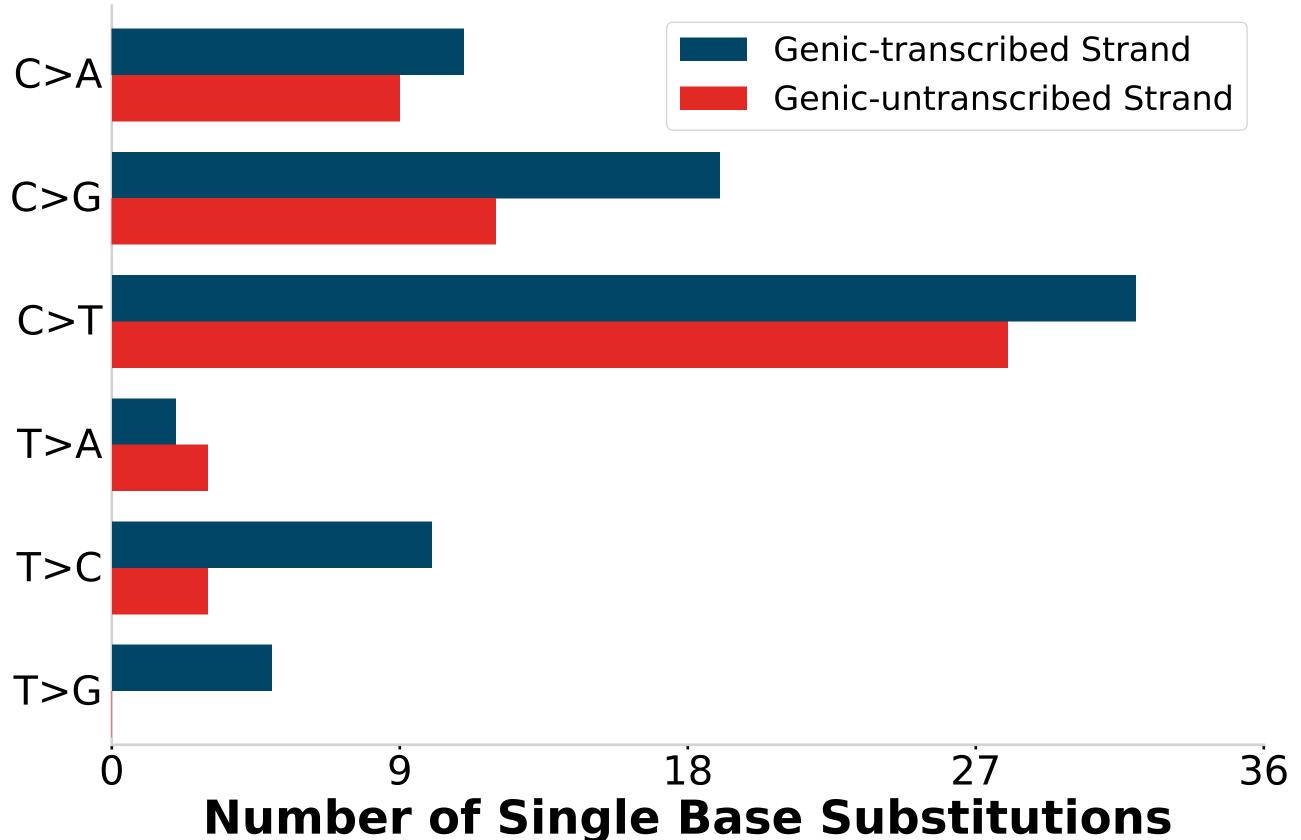
# TCGA-G2-AA3C-01A-21D-A391-08: 222 tra



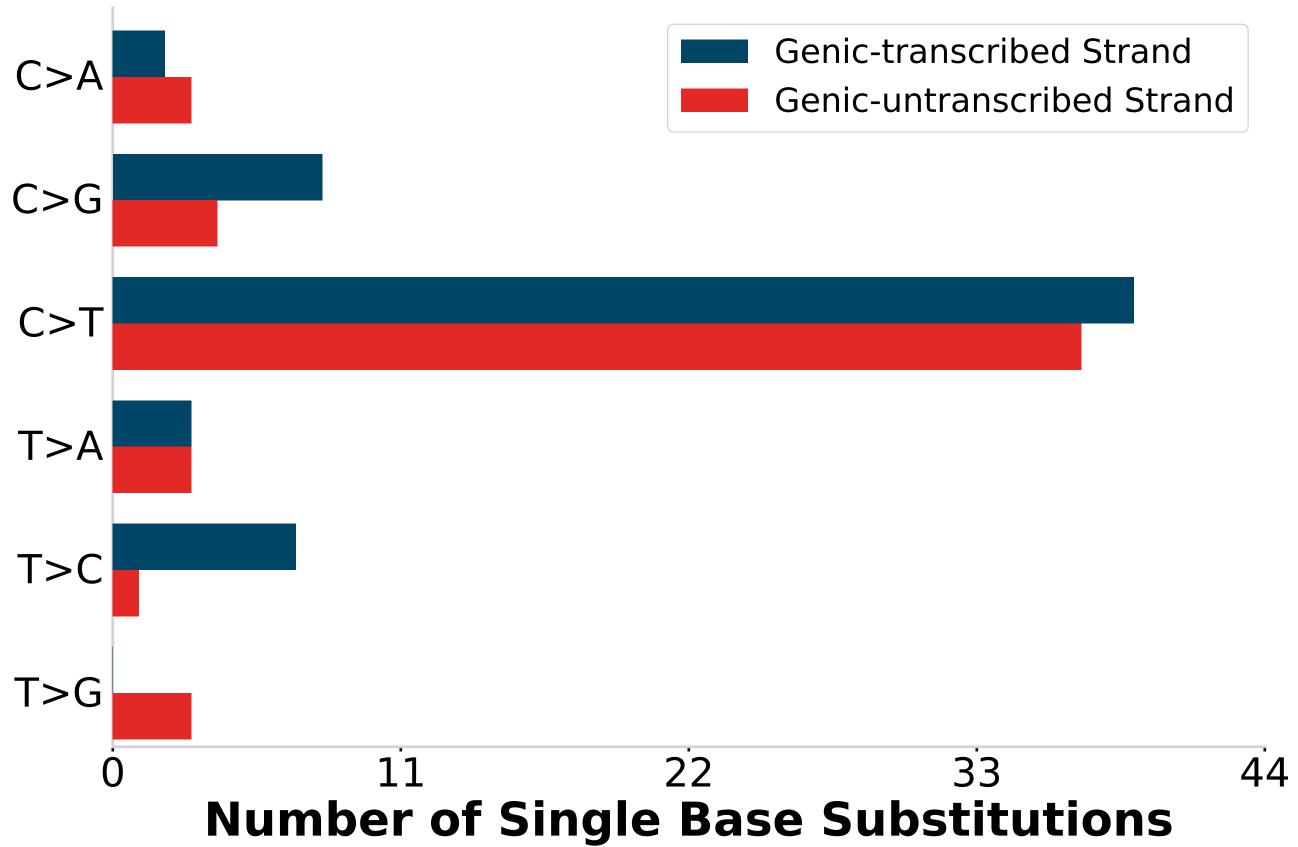
#### TCGA-G2-AA3D-01A-11D-A391-08: 183 tra



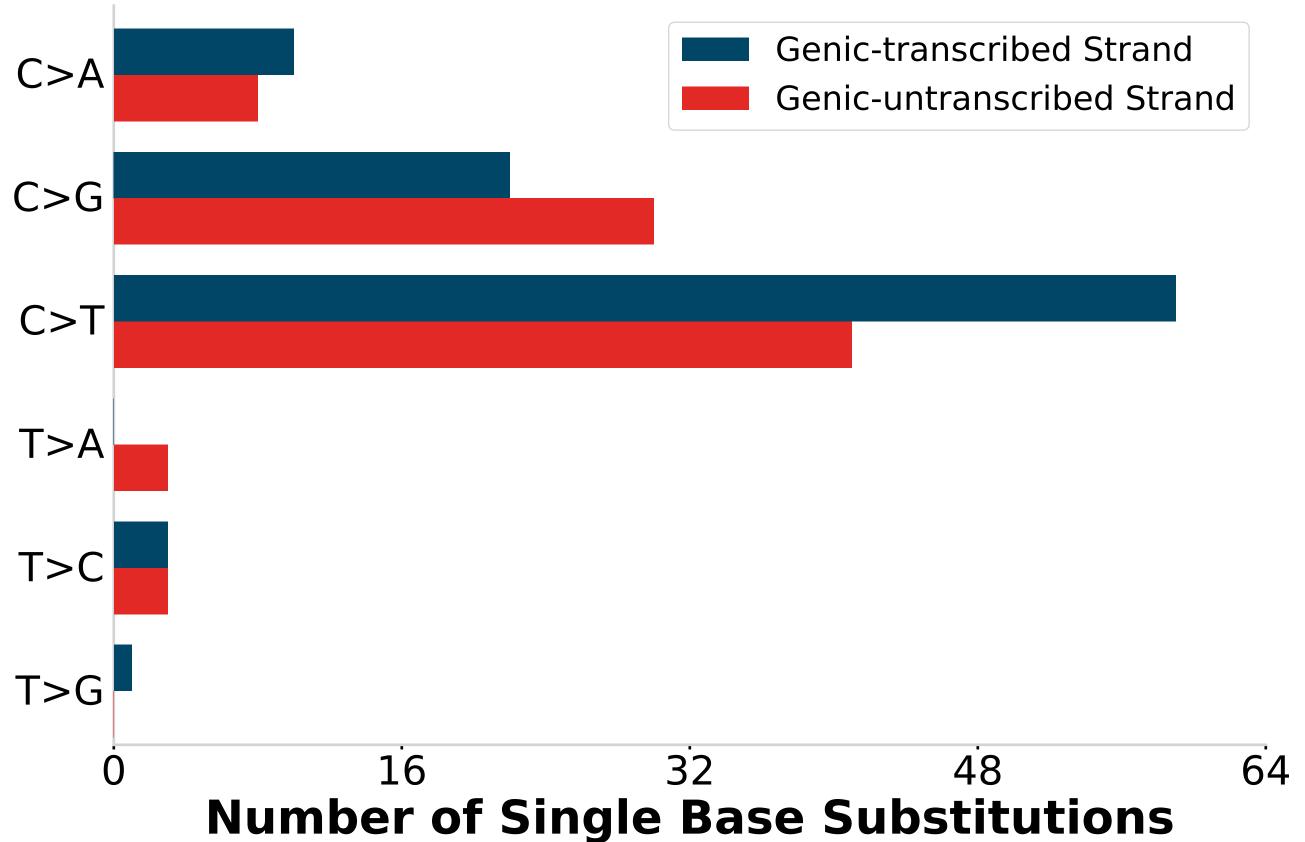
# TCGA-G2-AA3F-01A-12D-A42E-08: 134 trai



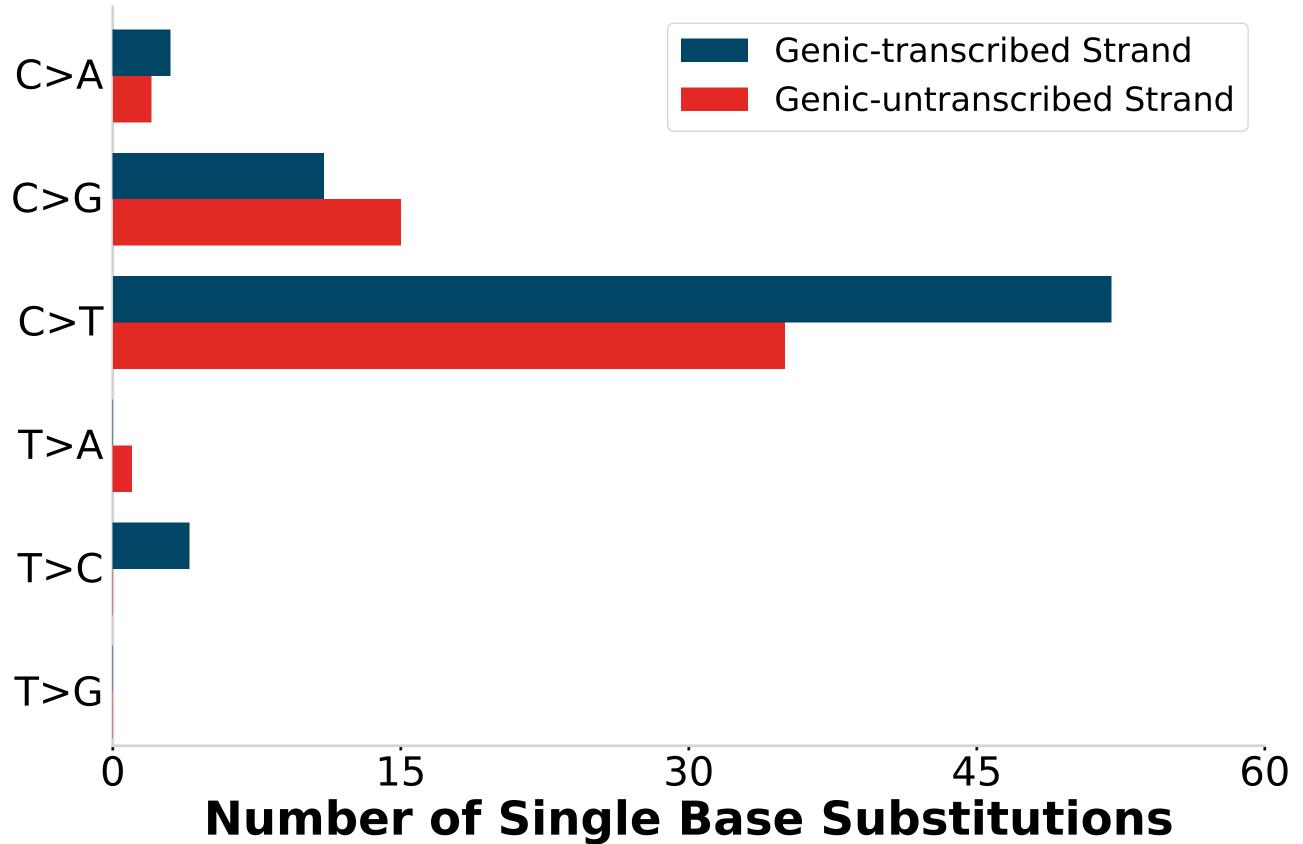
# TCGA-GC-A3BM-01A-11D-A22Z-08: 110 tra



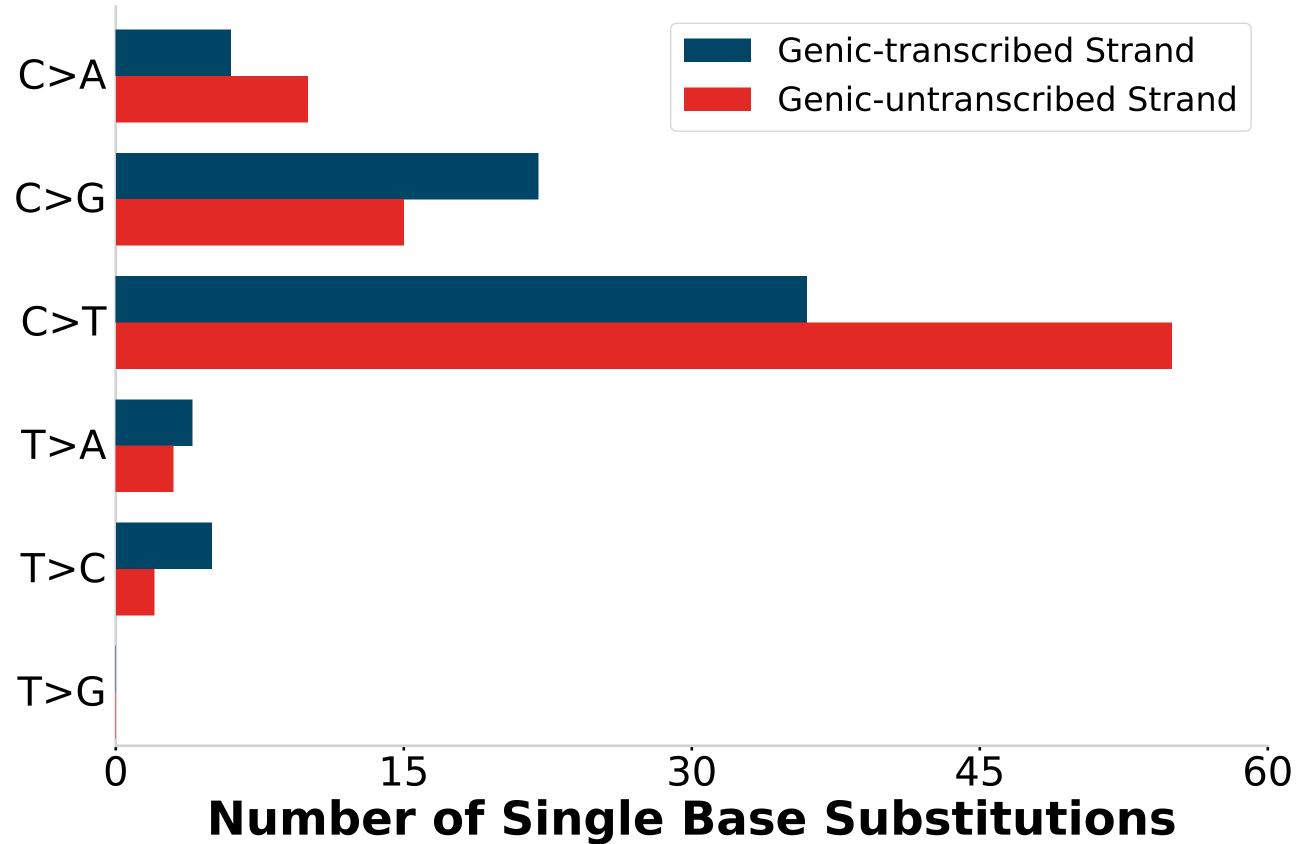
# TCGA-GC-A3I6-01A-11D-A20D-08: 180 trar



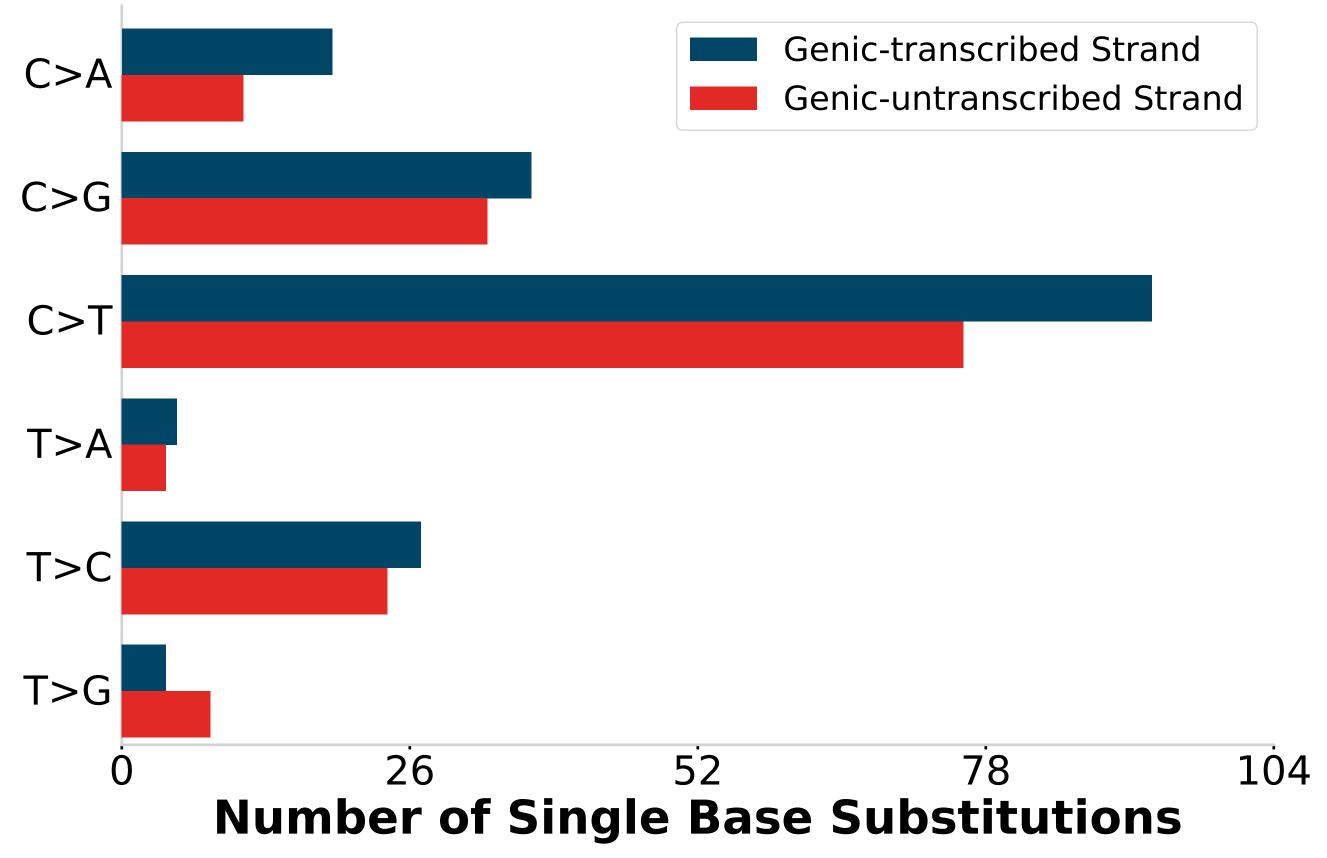
# TCGA-GC-A300-01A-11D-A22Z-08: 123 tra



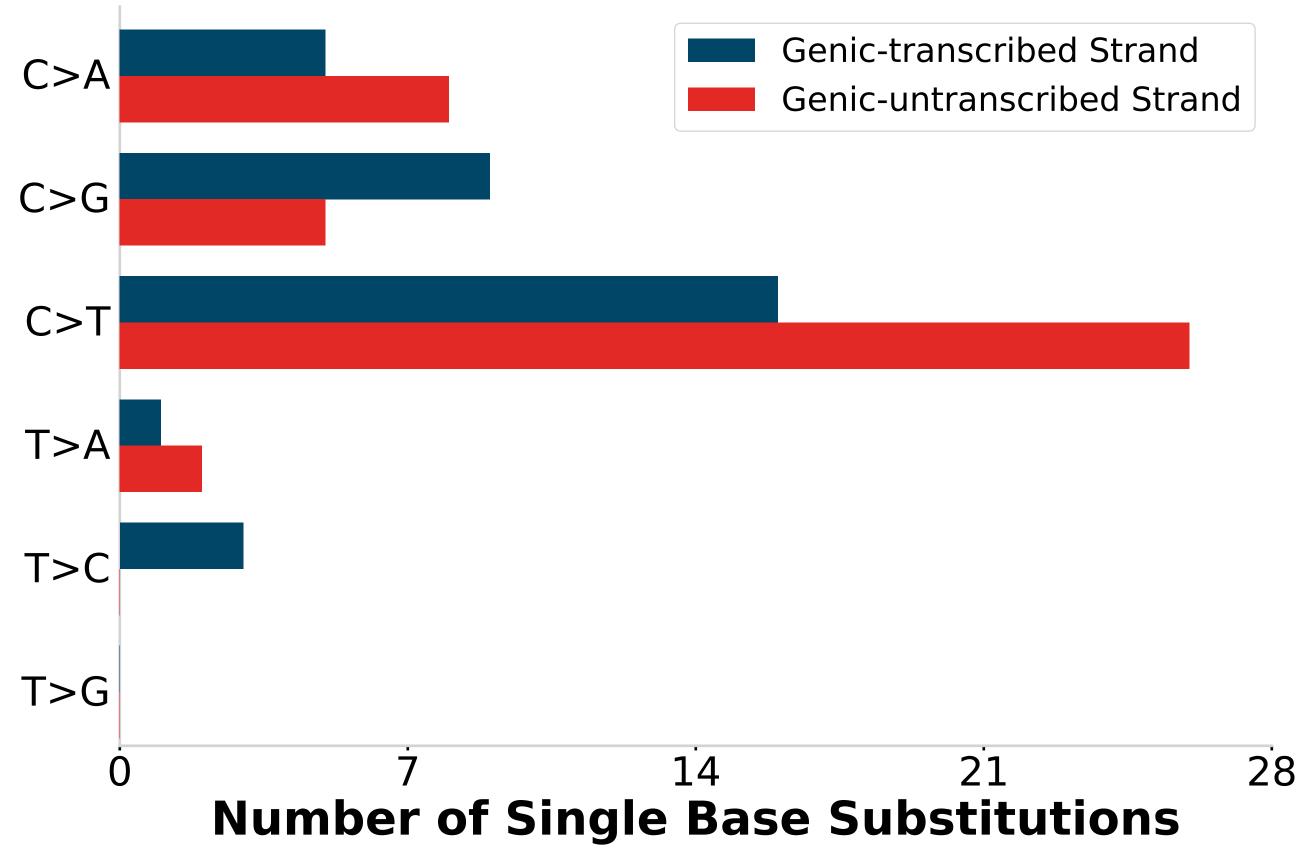
# TCGA-GC-A3RB-01A-12D-A21Z-08: 158 tra



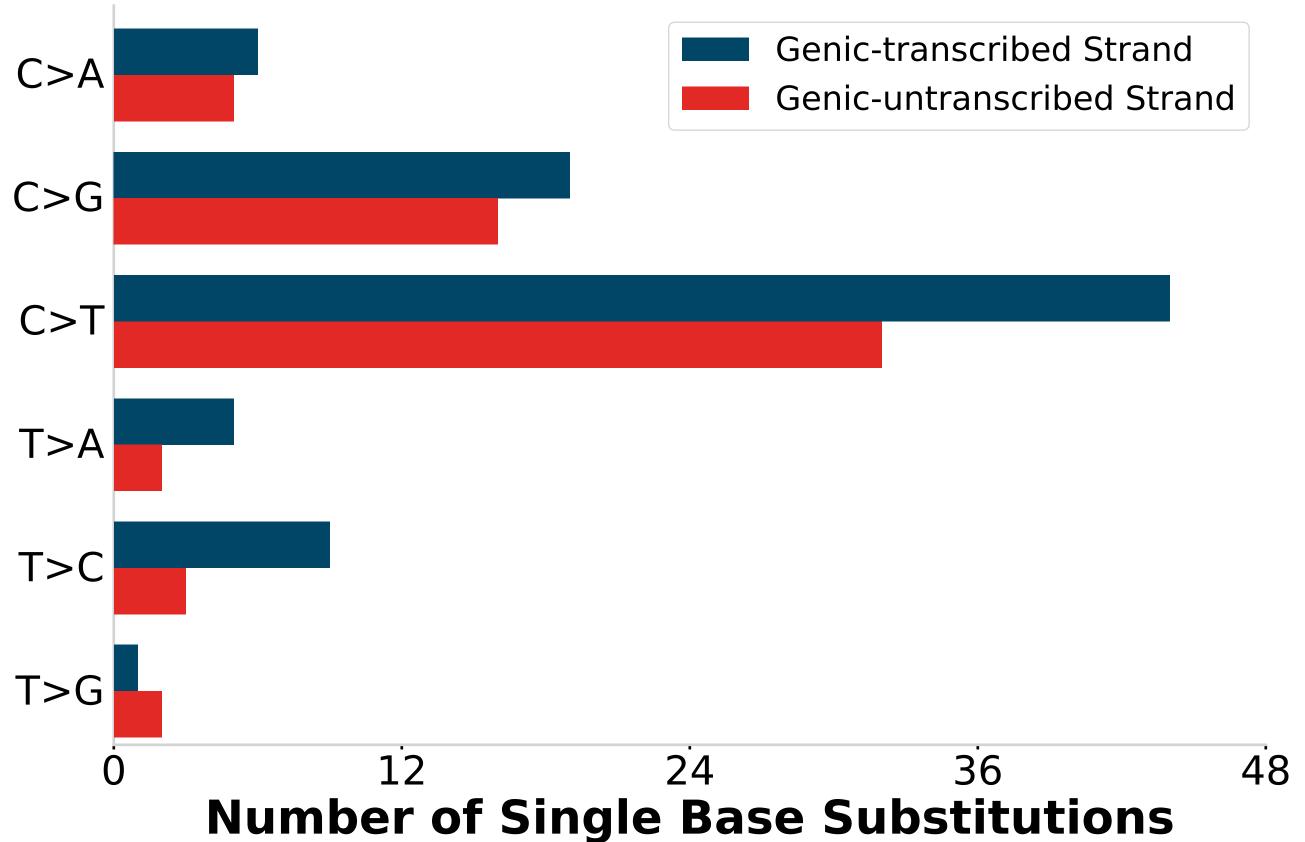
#### TCGA-GC-A3RC-01A-11D-A22Z-08: 341 tra



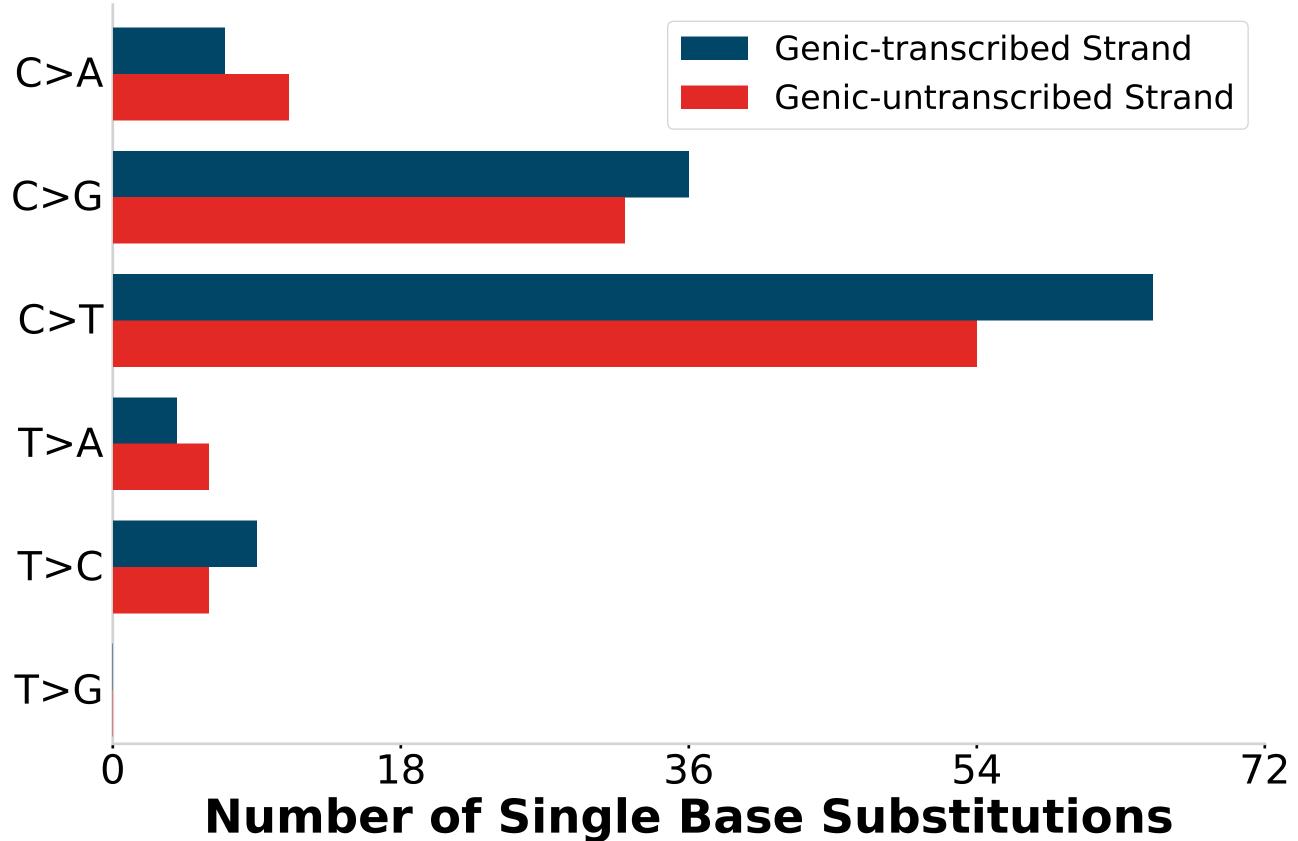
# TCGA-GC-A3RD-01A-12D-A22Z-08: 75 tran



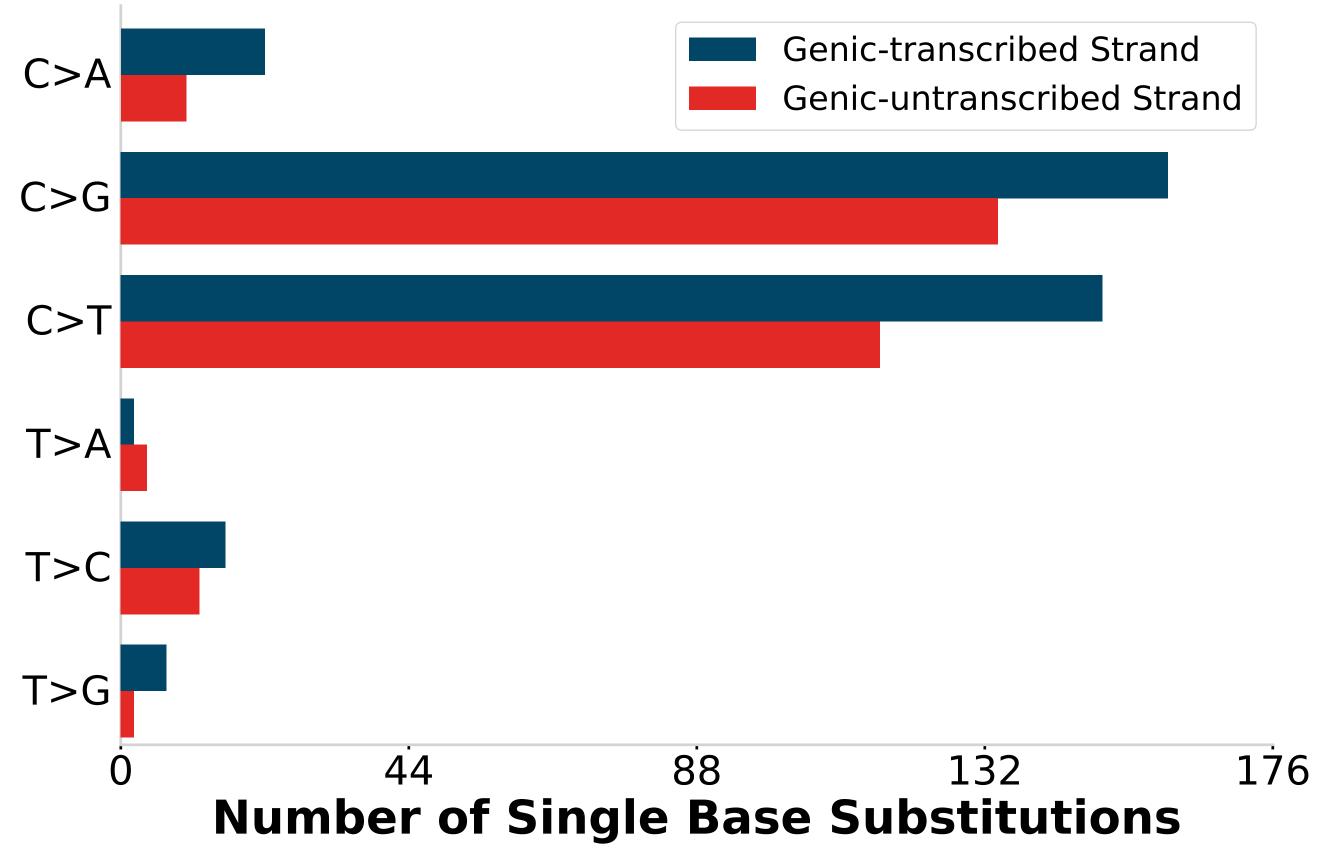
# TCGA-GC-A3WC-01A-31D-A22Z-08: 144 tra



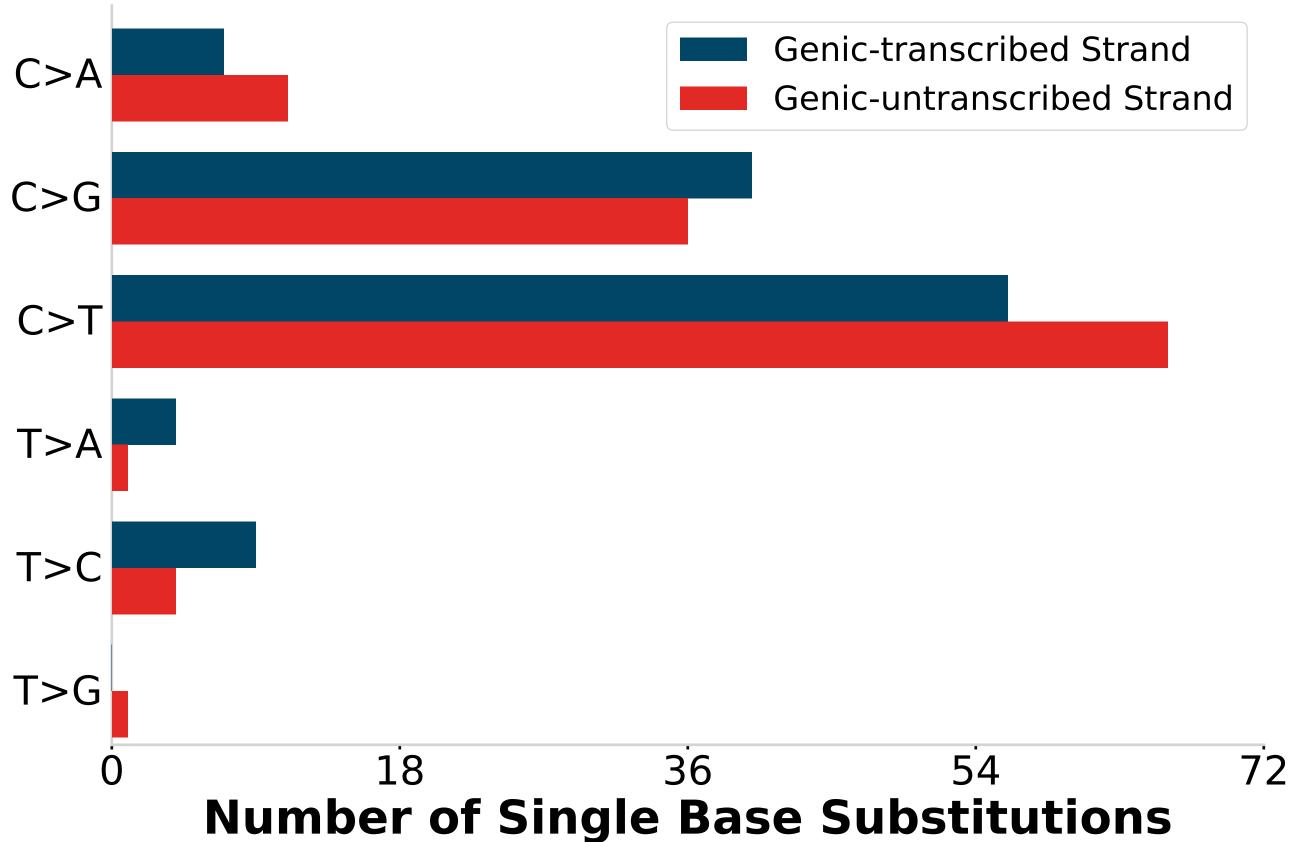
# TCGA-GC-A3YS-01A-11D-A23M-08: 230 tra



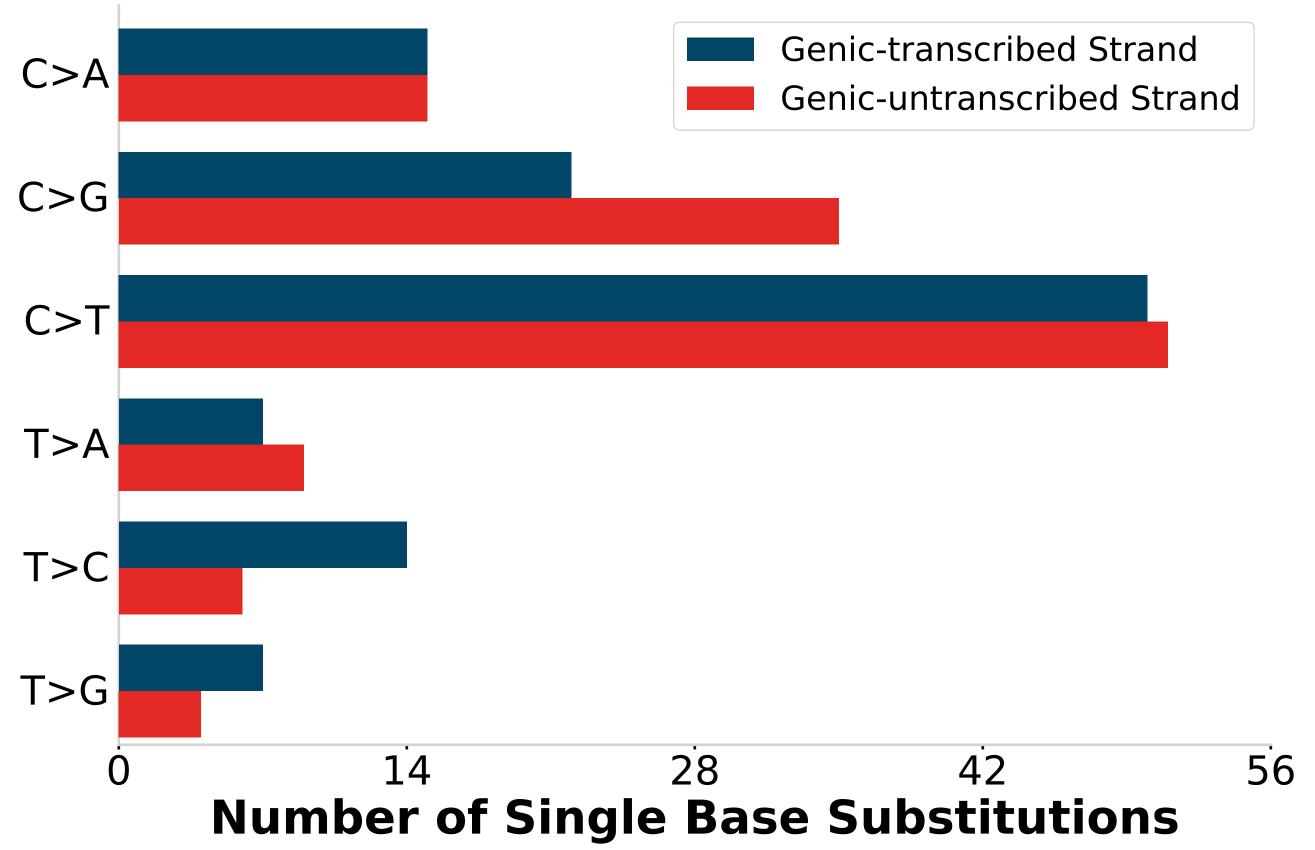
# TCGA-GC-A4ZW-01A-11D-A26M-08: 635 tra



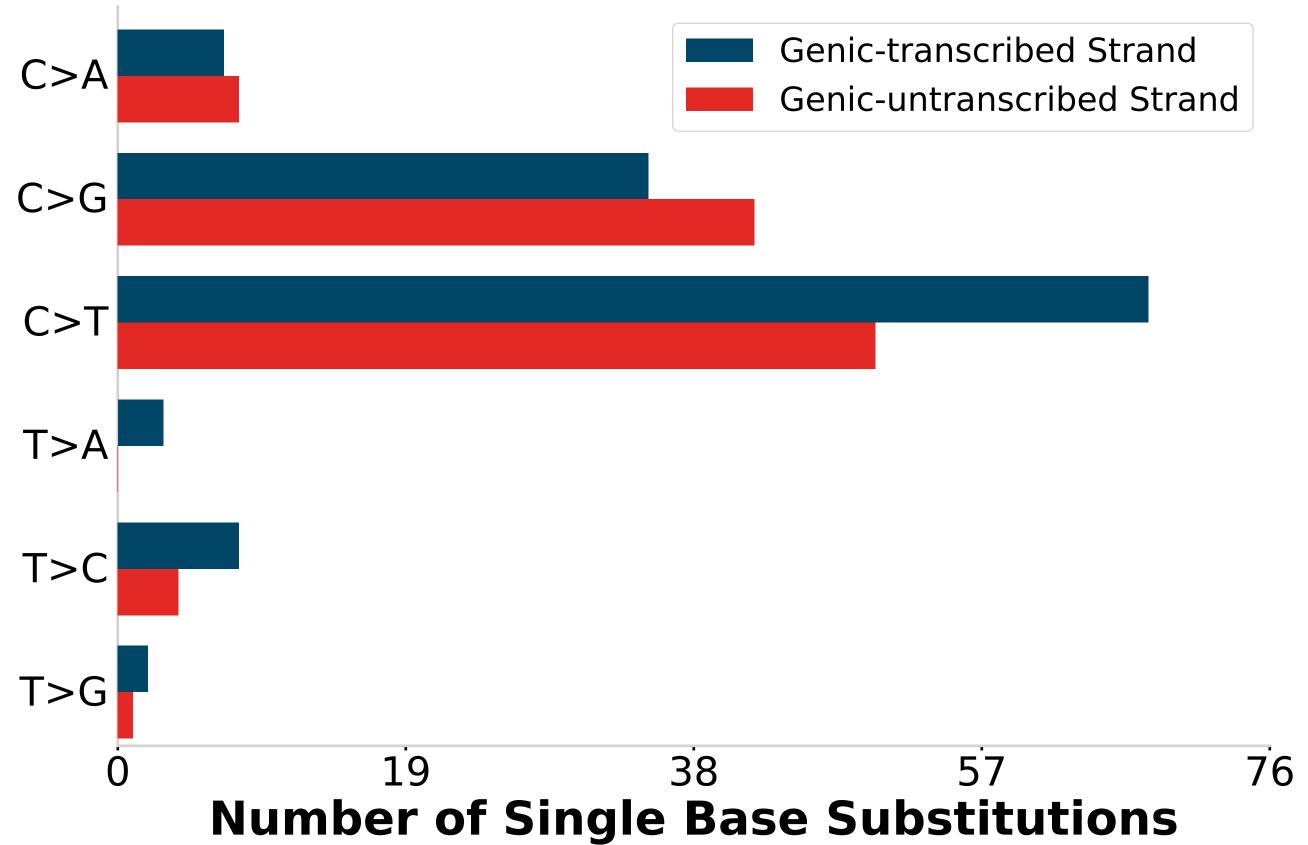
# TCGA-GC-A6I1-01A-12D-A31L-08: 235 tran



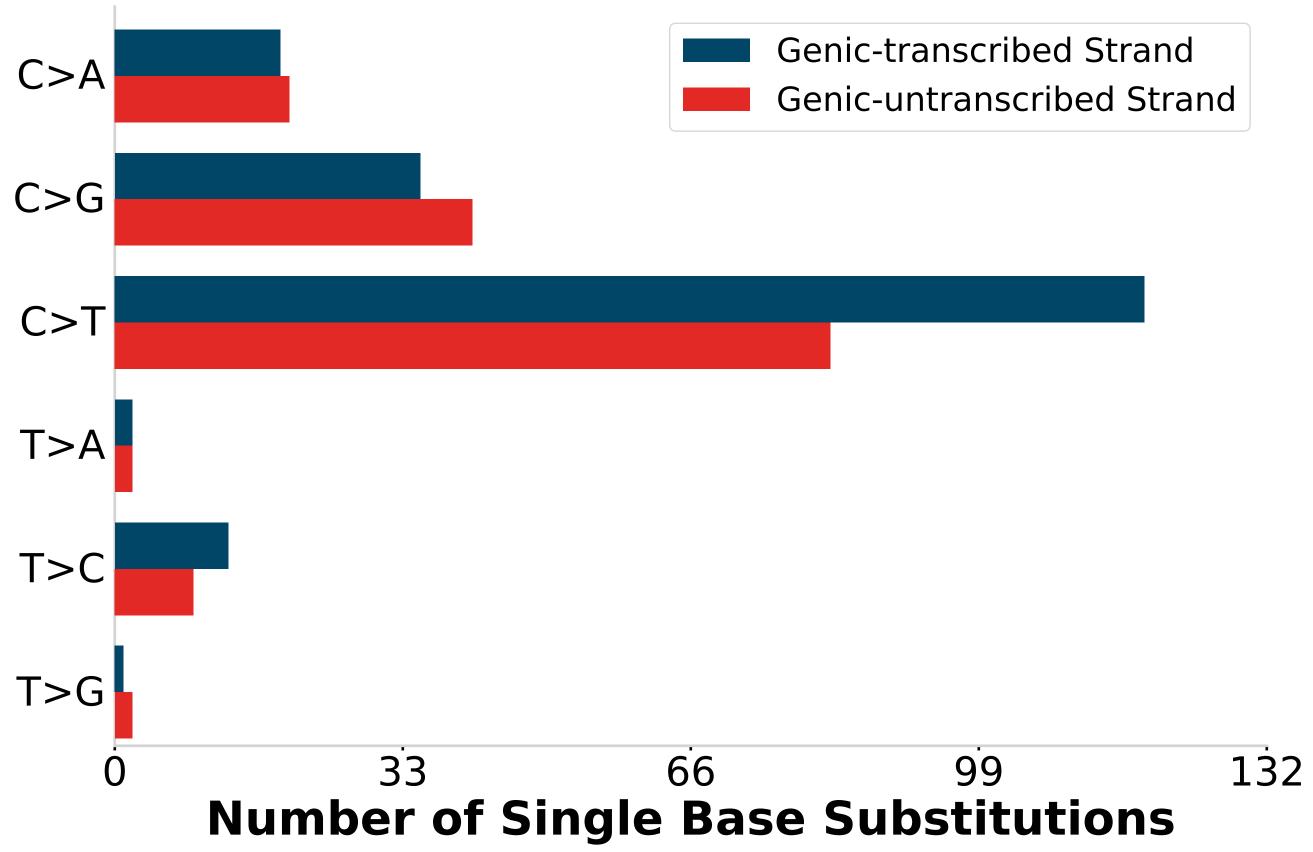
# TCGA-GC-A6I3-01A-11D-A31L-08: 235 tran



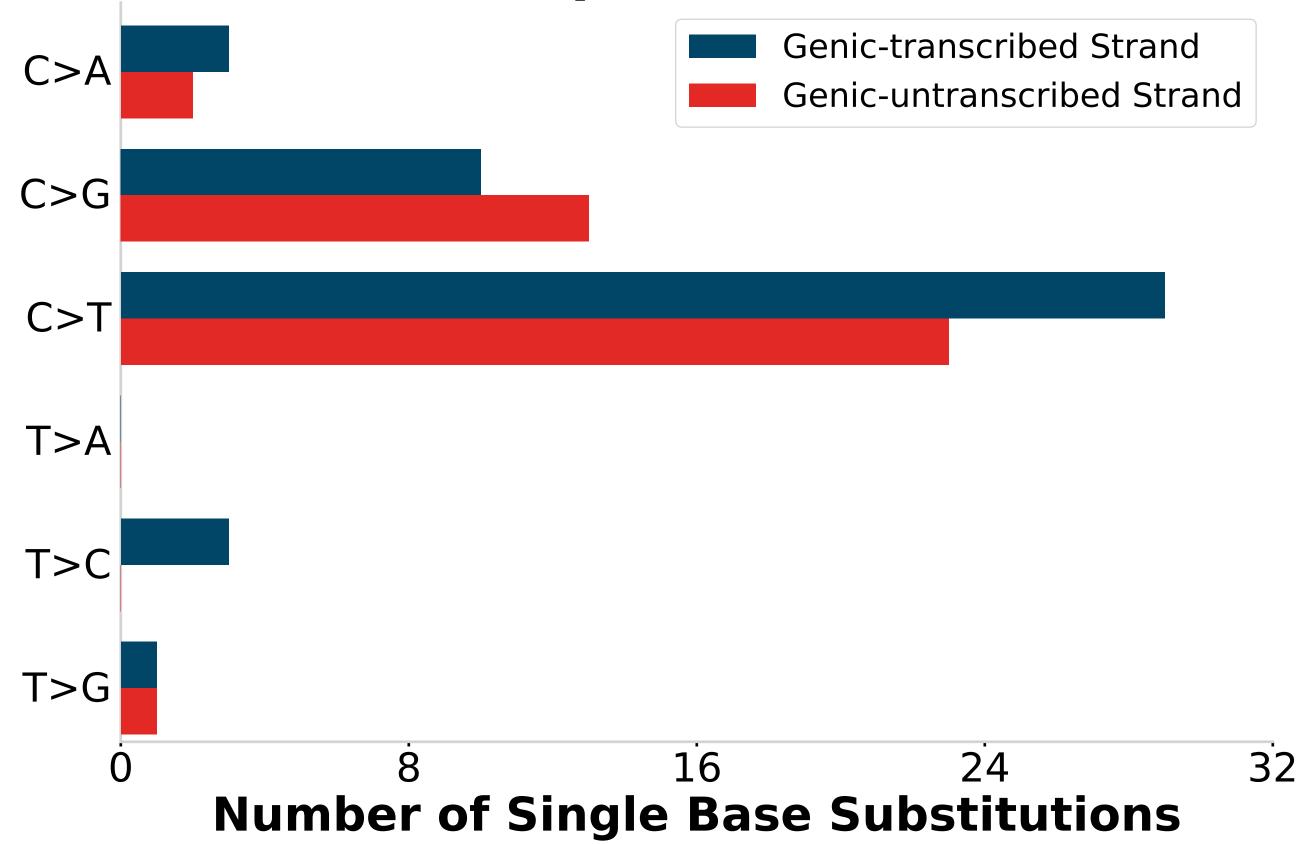
#### TCGA-GD-A2C5-01A-12D-A17V-08: 228 tra



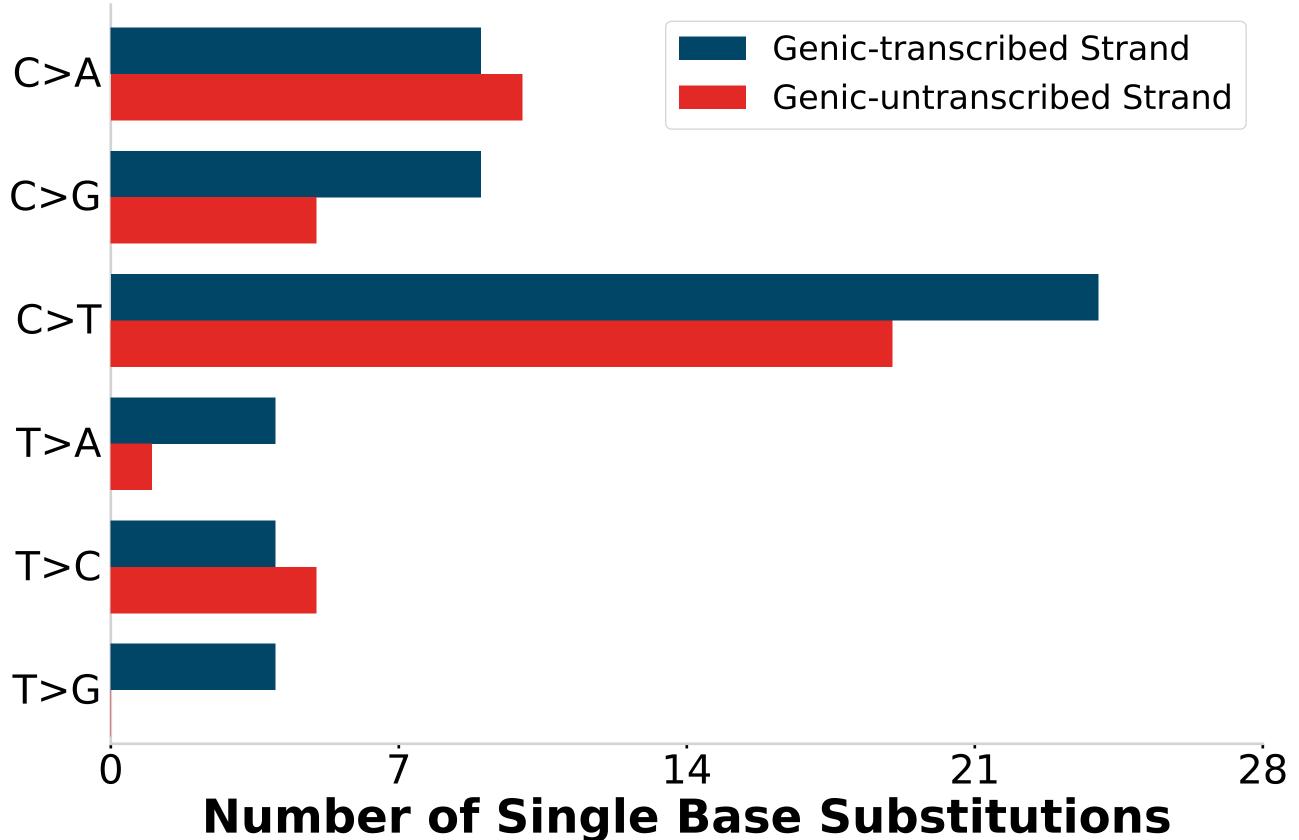
# TCGA-GD-A3OP-01A-21D-A21Z-08: 344 tra



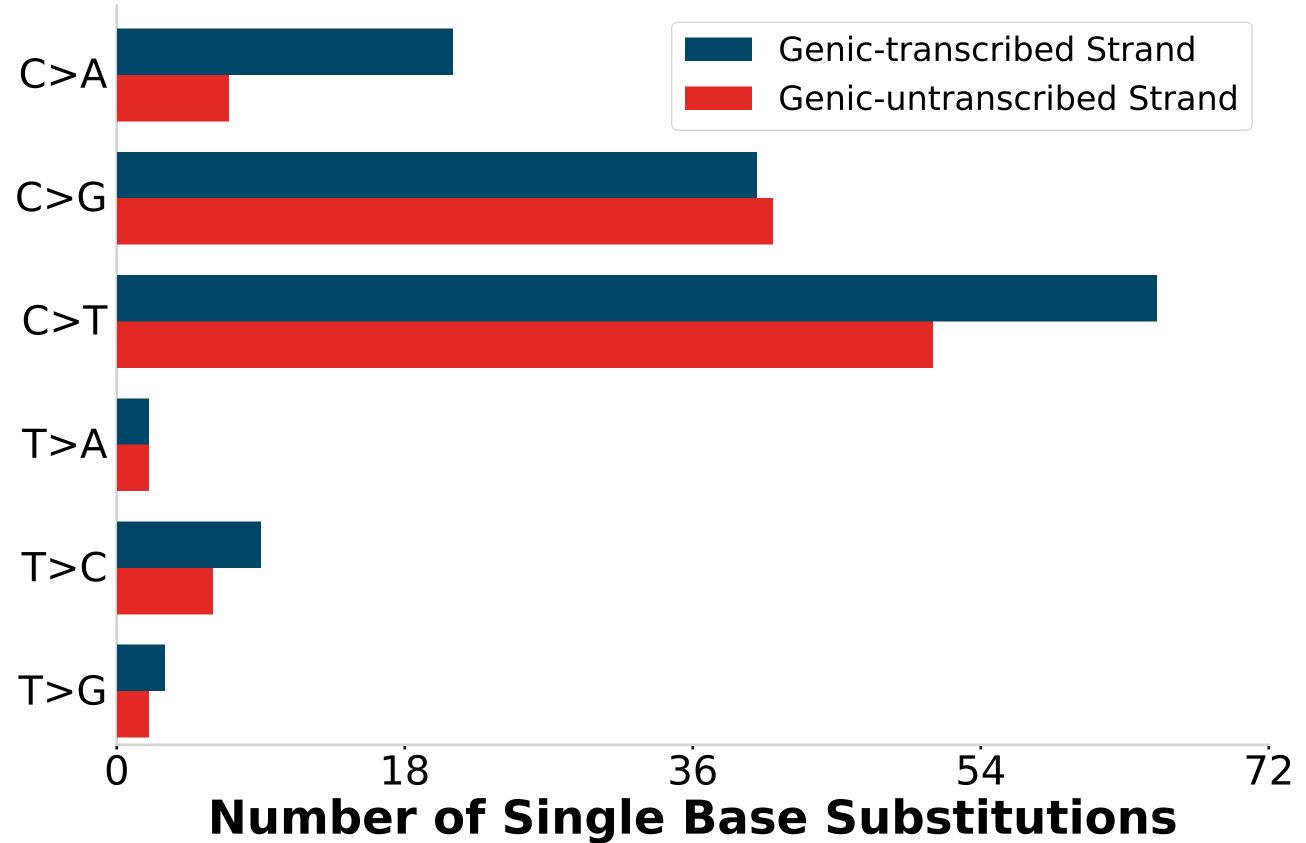
# TCGA-GD-A30Q-01A-32D-A21Z-08: 85 tran



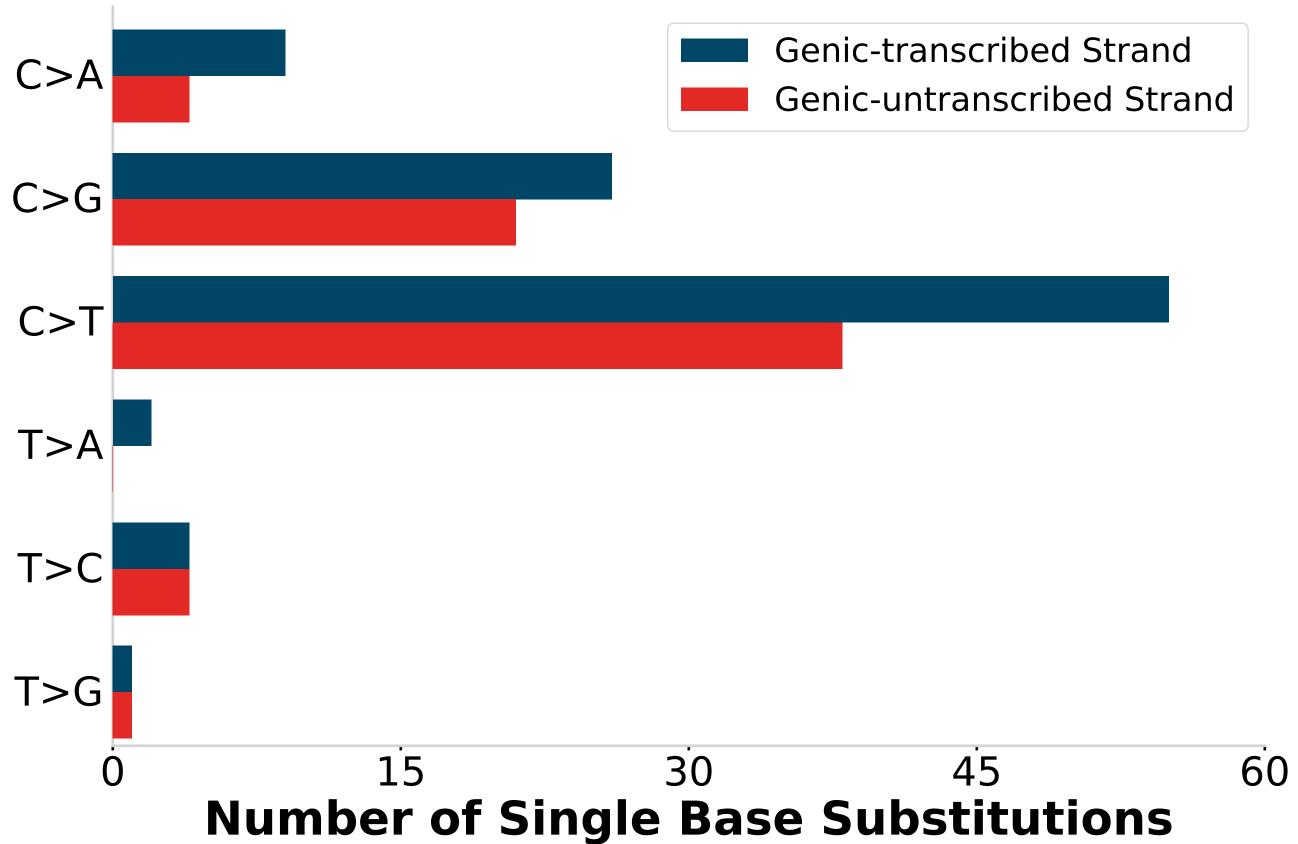
# TCGA-GD-A3OS-01A-12D-A21Z-08: 94 tran



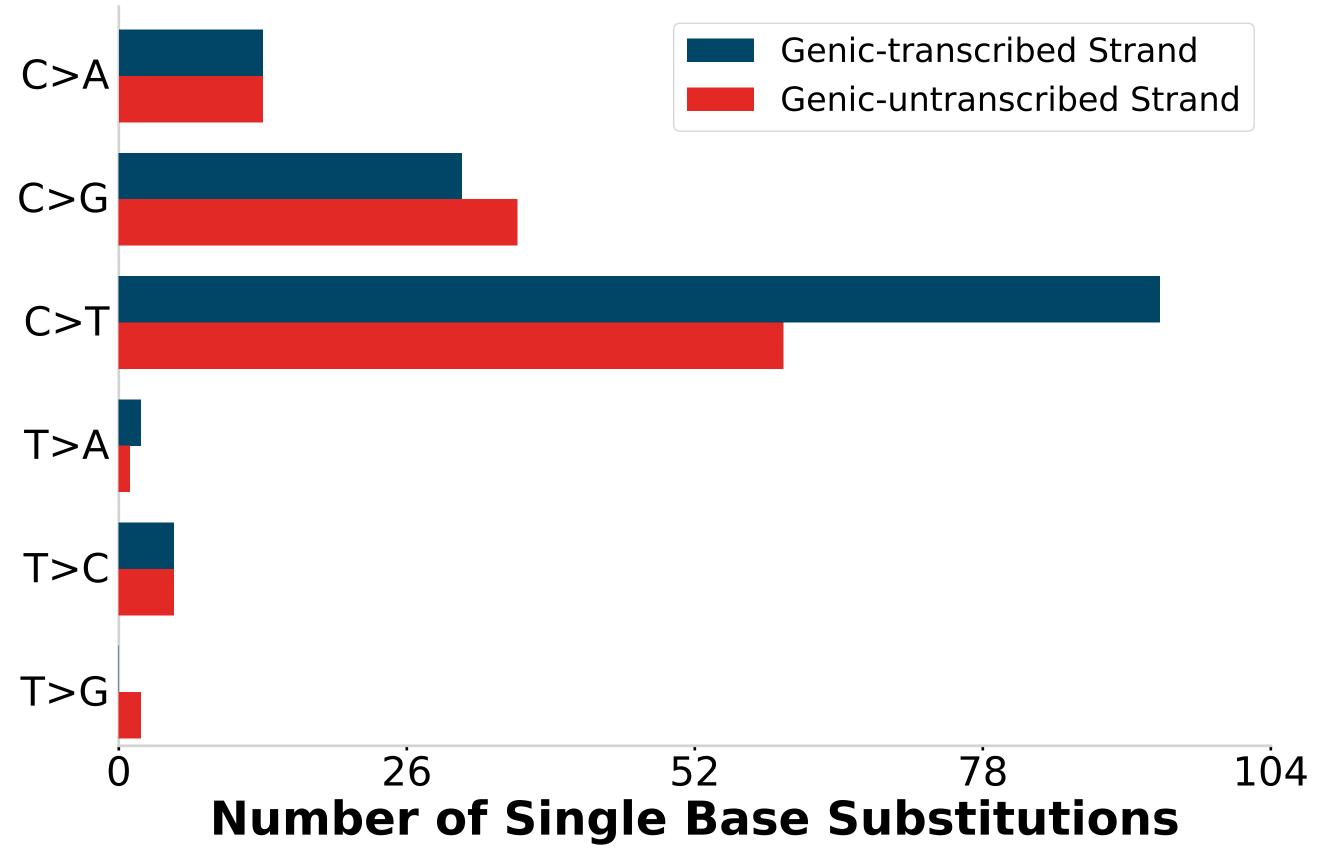
#### TCGA-GD-A6C6-01A-21D-A31L-08: 249 tra



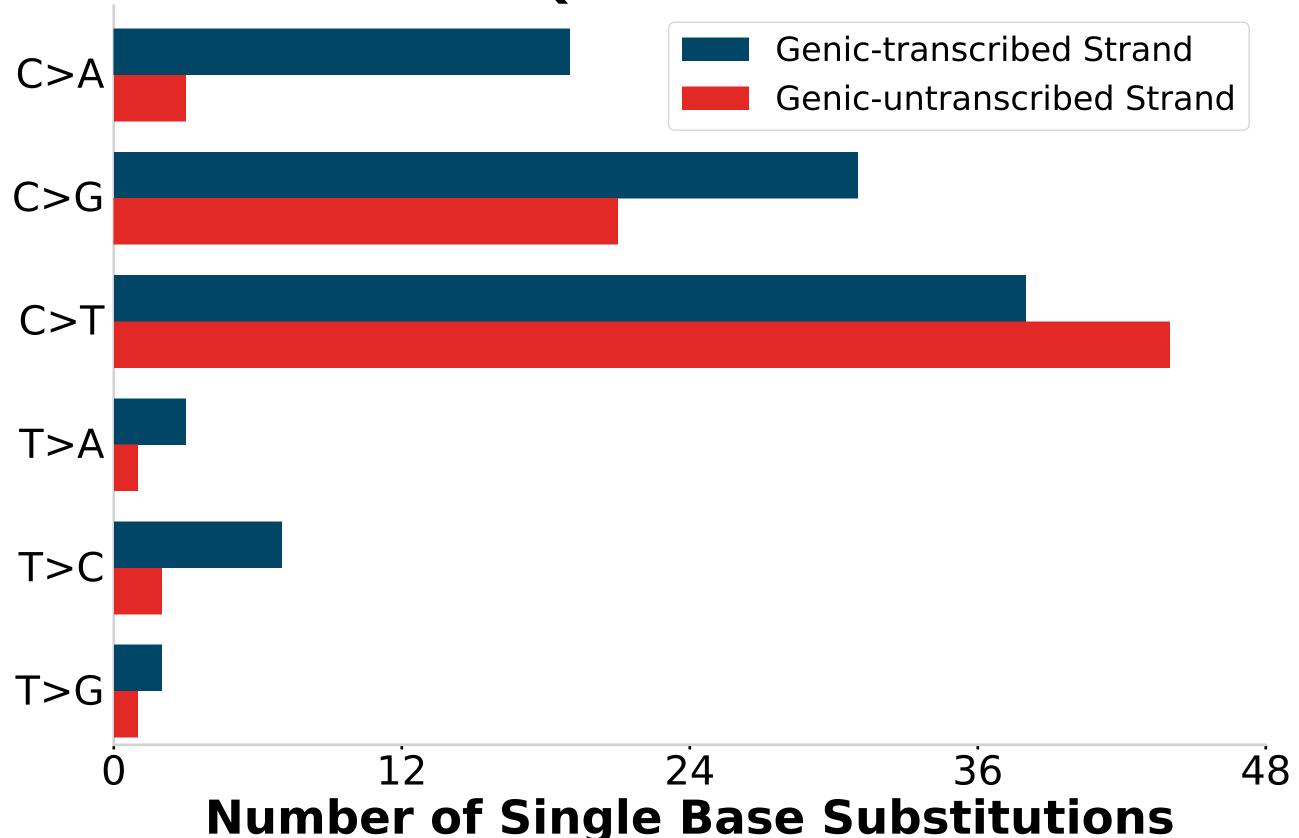
#### TCGA-GD-A76B-01A-11D-A32B-08: 165 tra



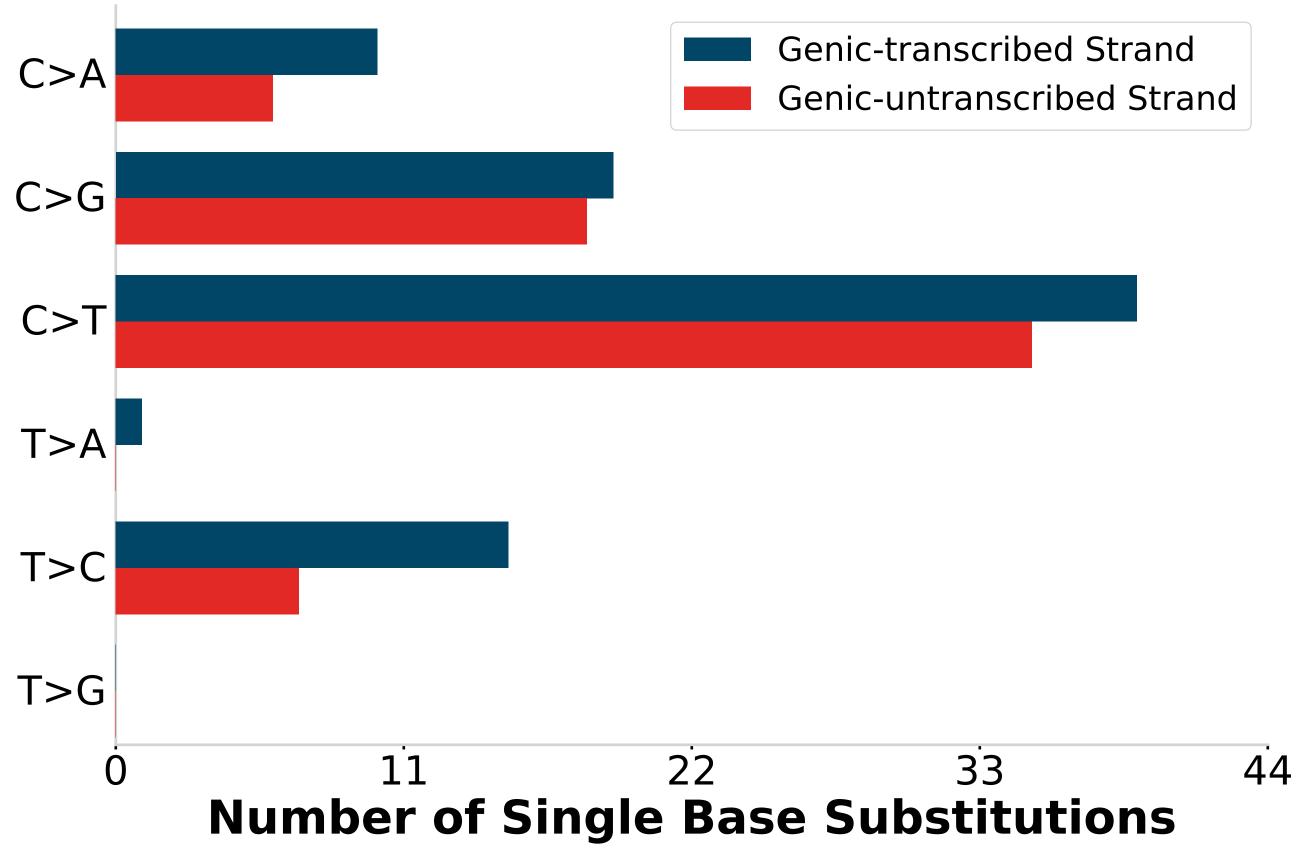
#### TCGA-GU-A42P-01A-11D-A23U-08: 262 tra



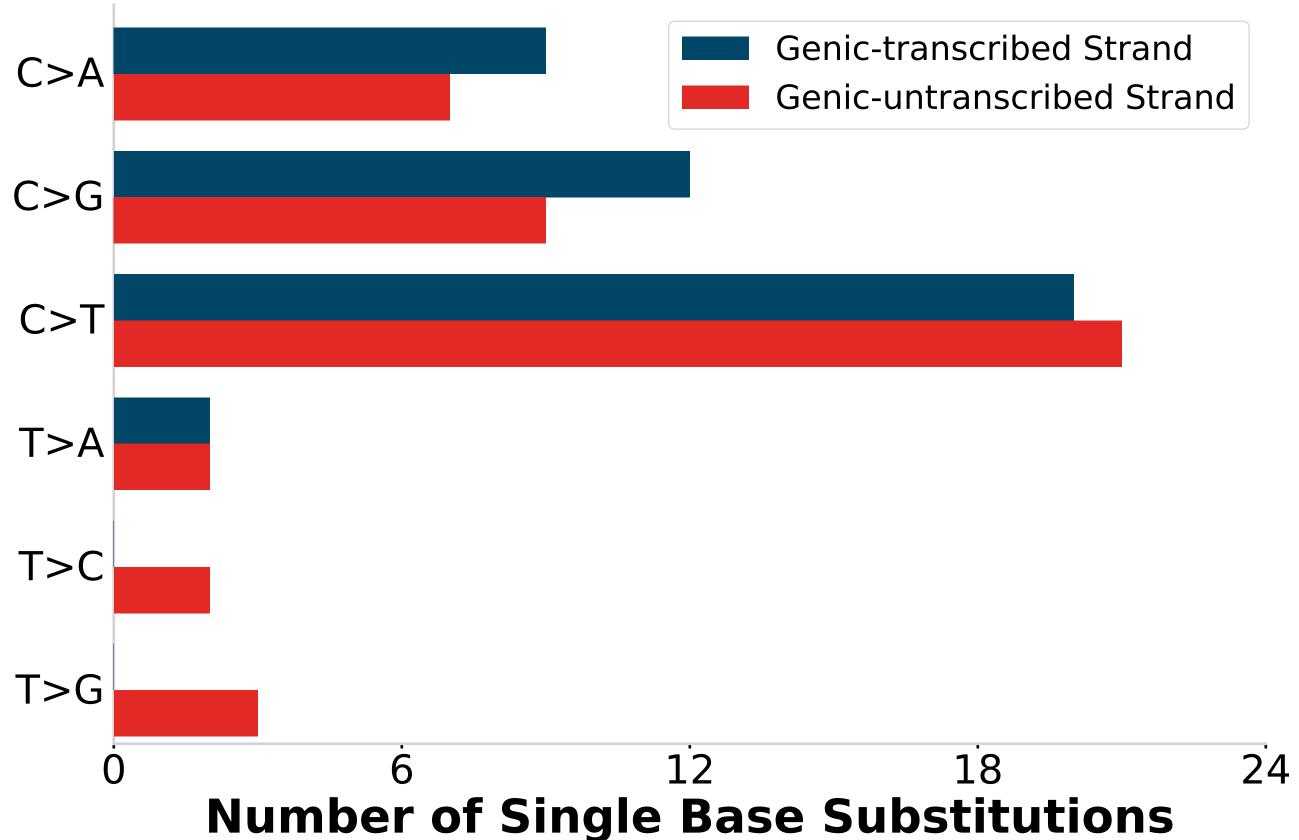
# TCGA-GU-A42Q-01A-11D-A23U-08: 172 tra



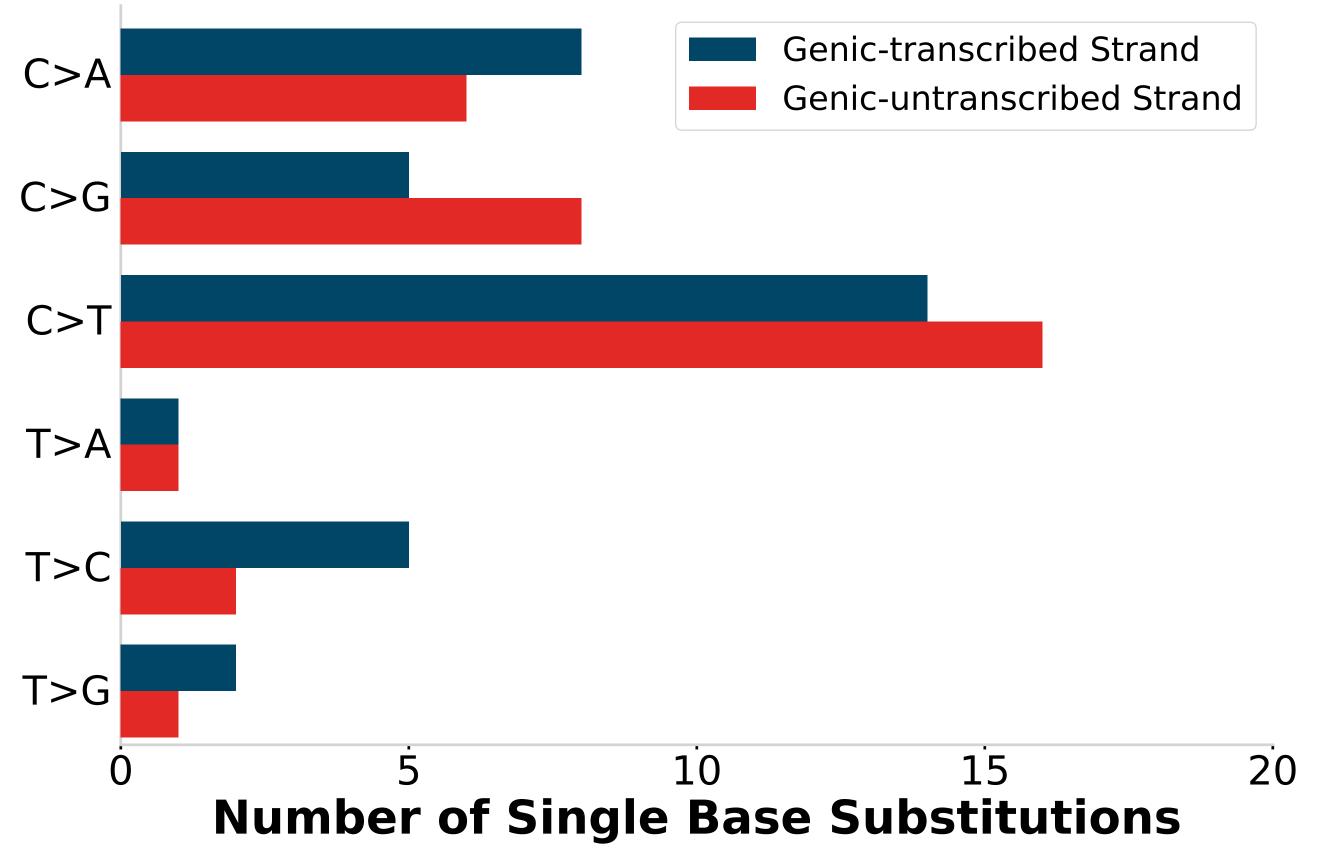
# TCGA-GU-A42R-01A-11D-A23M-08: 150 tra



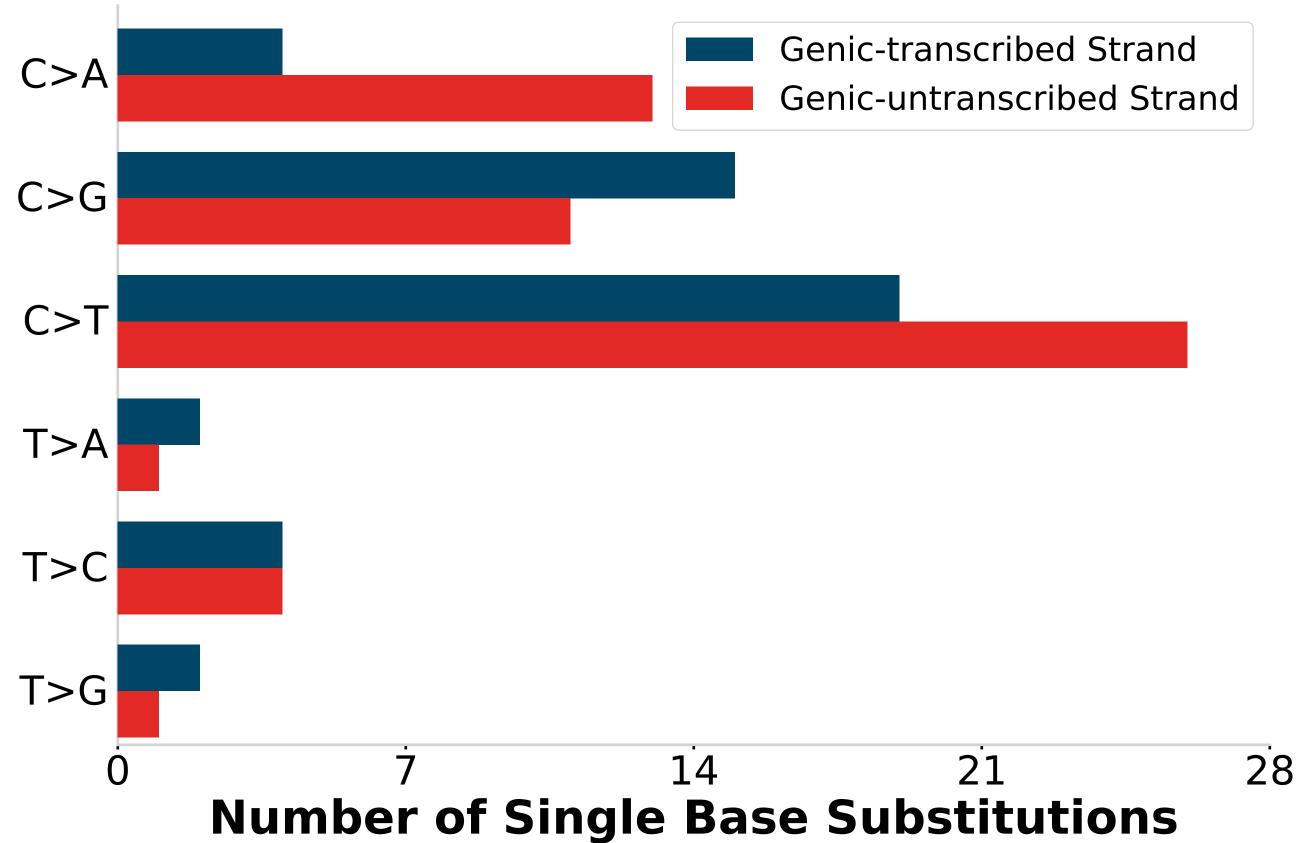
## TCGA-GU-A762-01A-11D-A339-08: 87 trans



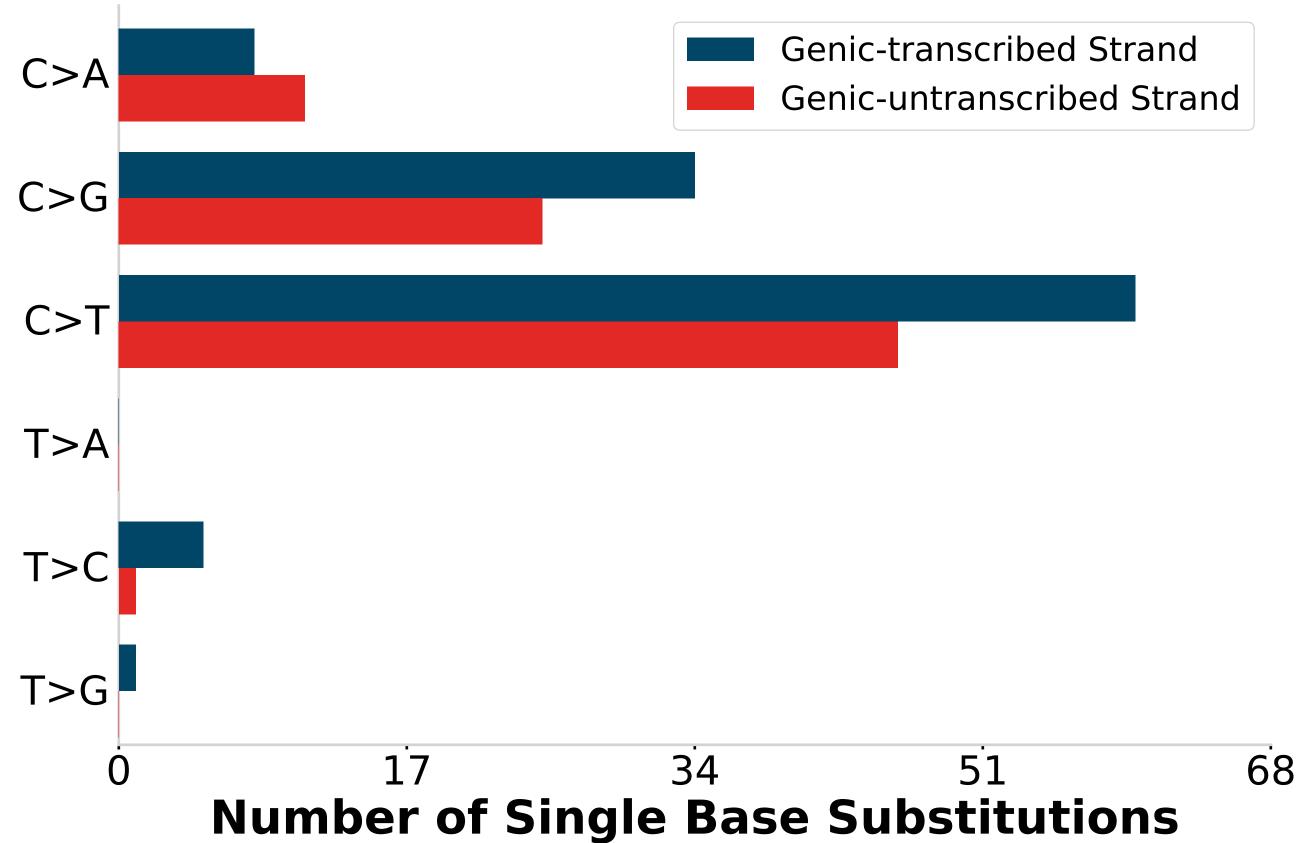
## TCGA-GU-A763-01A-11D-A32B-08: 69 tran



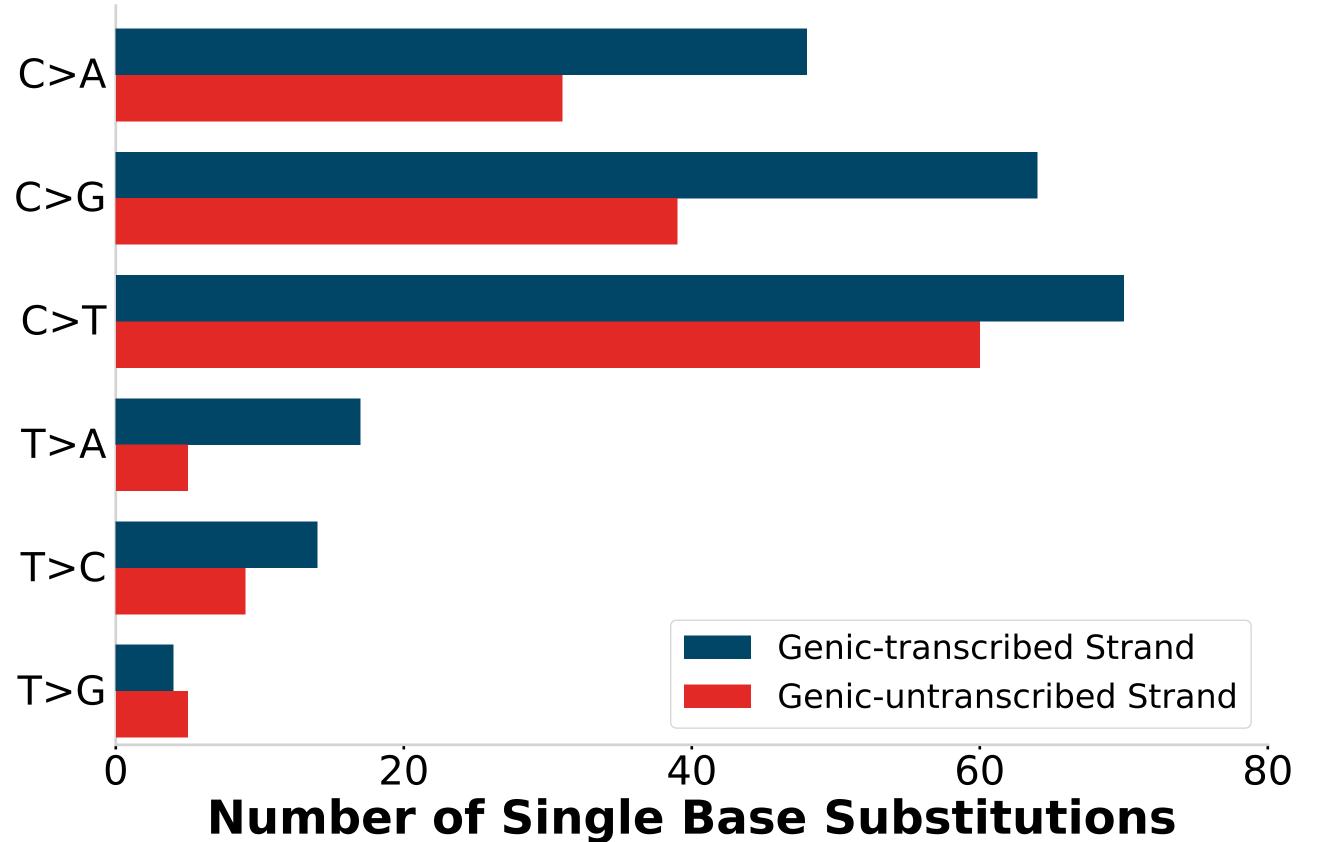
### TCGA-GU-A764-01A-11D-A34U-08: 102 tra



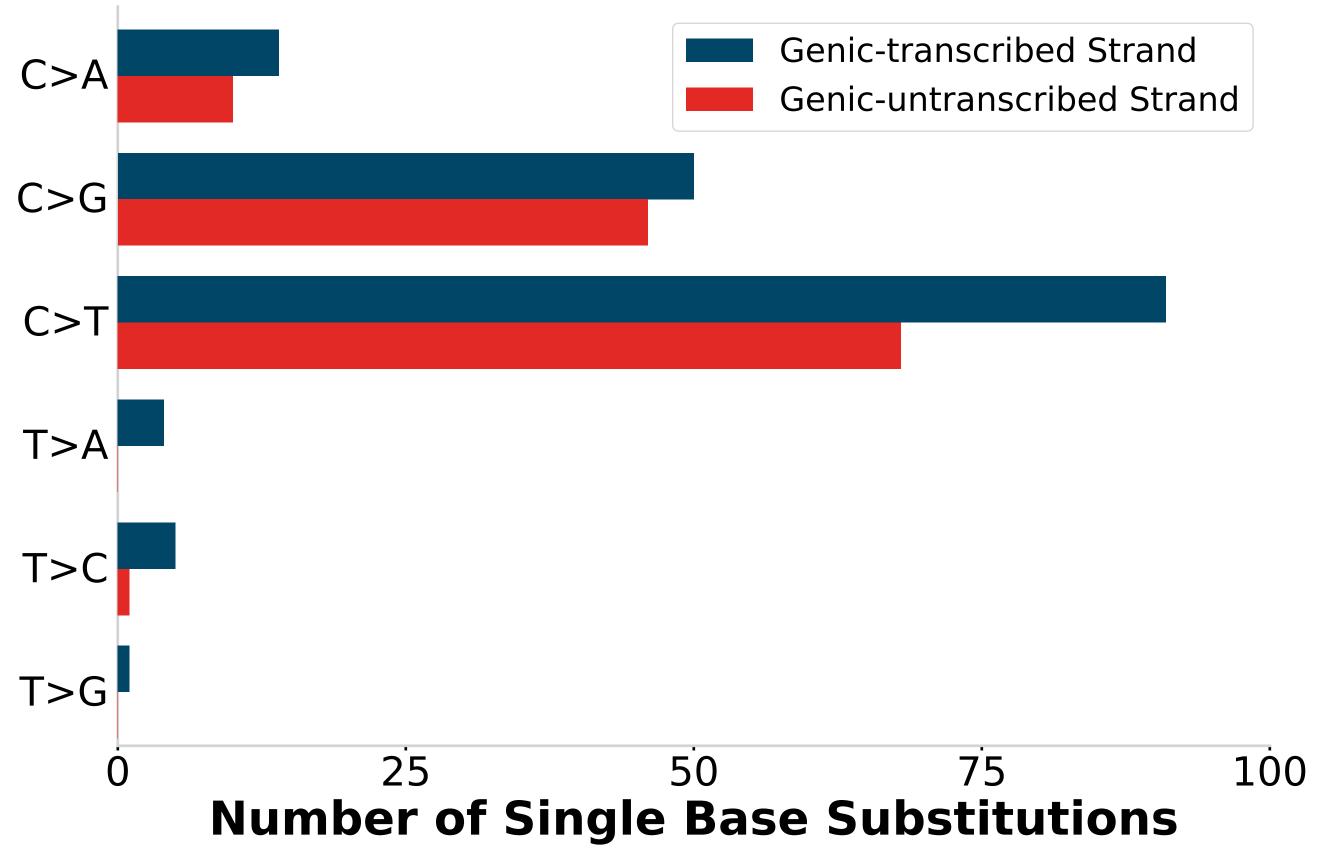
### TCGA-GU-A766-01A-11D-A32B-08: 191 tra



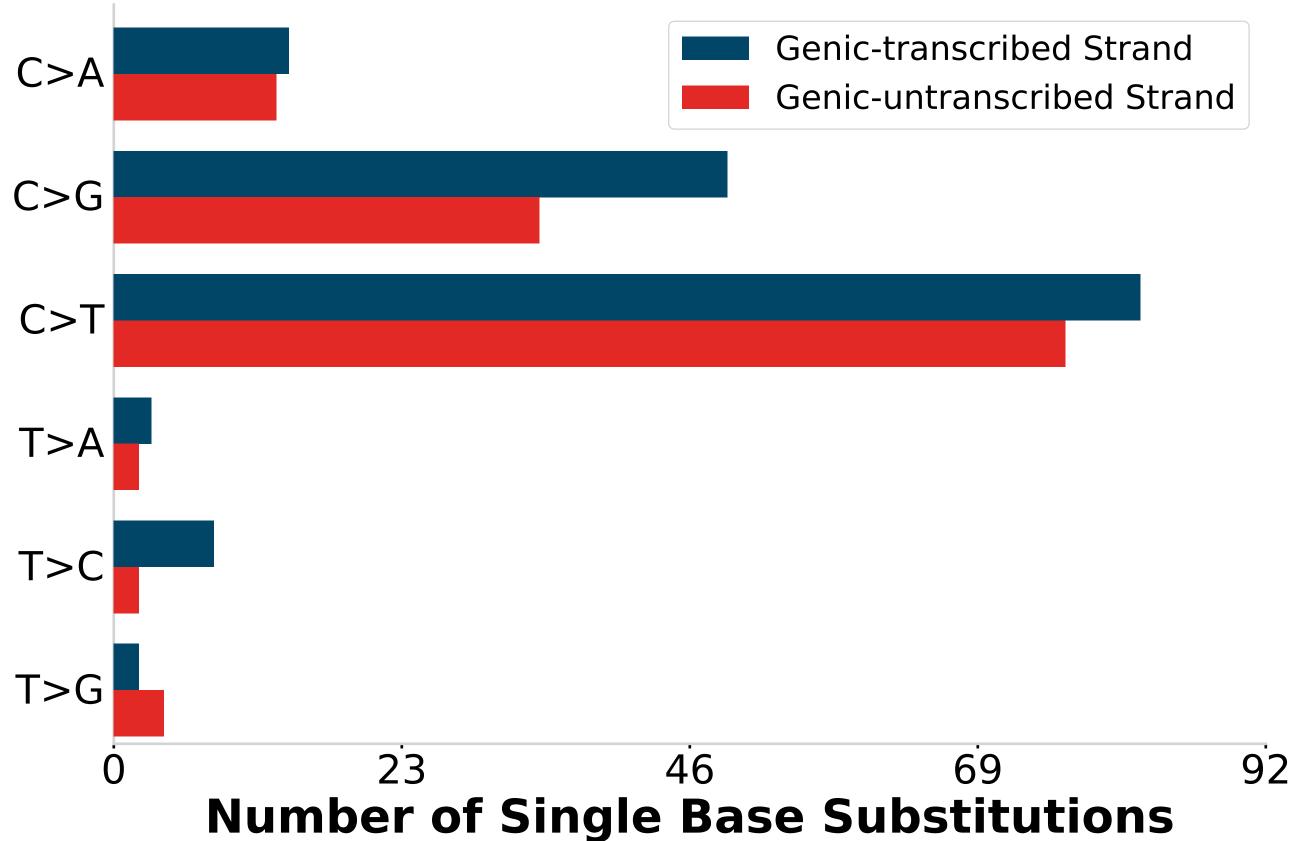
#### TCGA-GU-A767-01A-11D-A32B-08: 366 tra



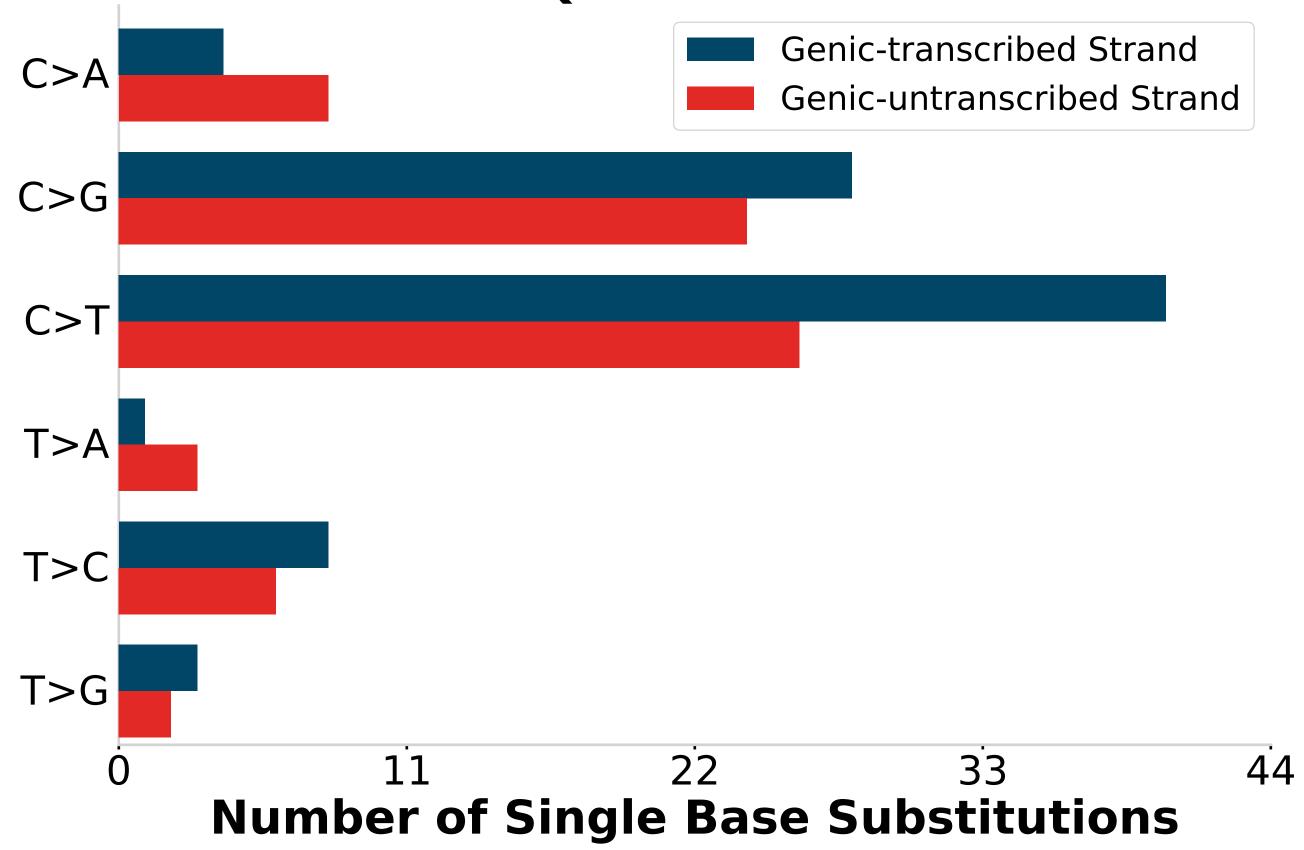
#### TCGA-GU-AATO-01A-11D-A391-08: 290 tra



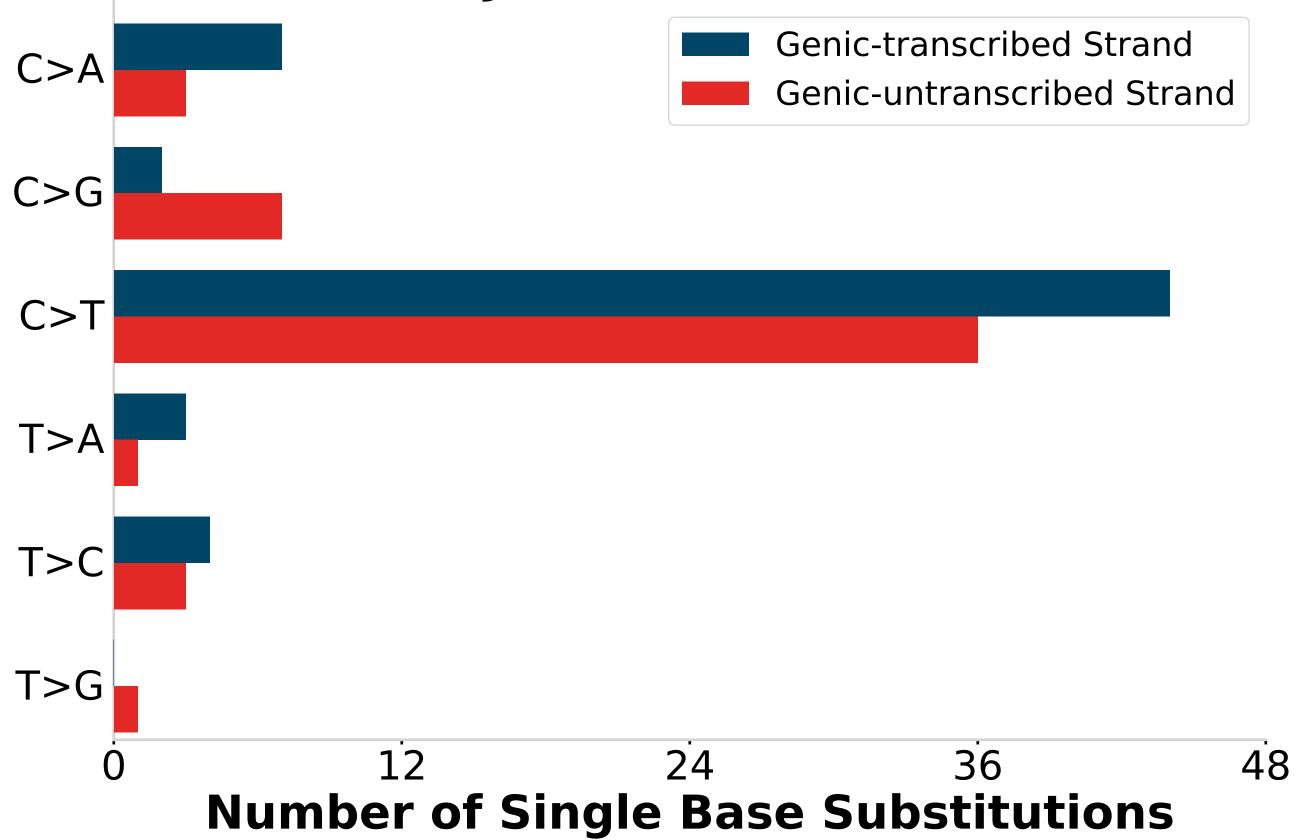
## TCGA-GU-AATP-01A-11D-A391-08: 289 tra



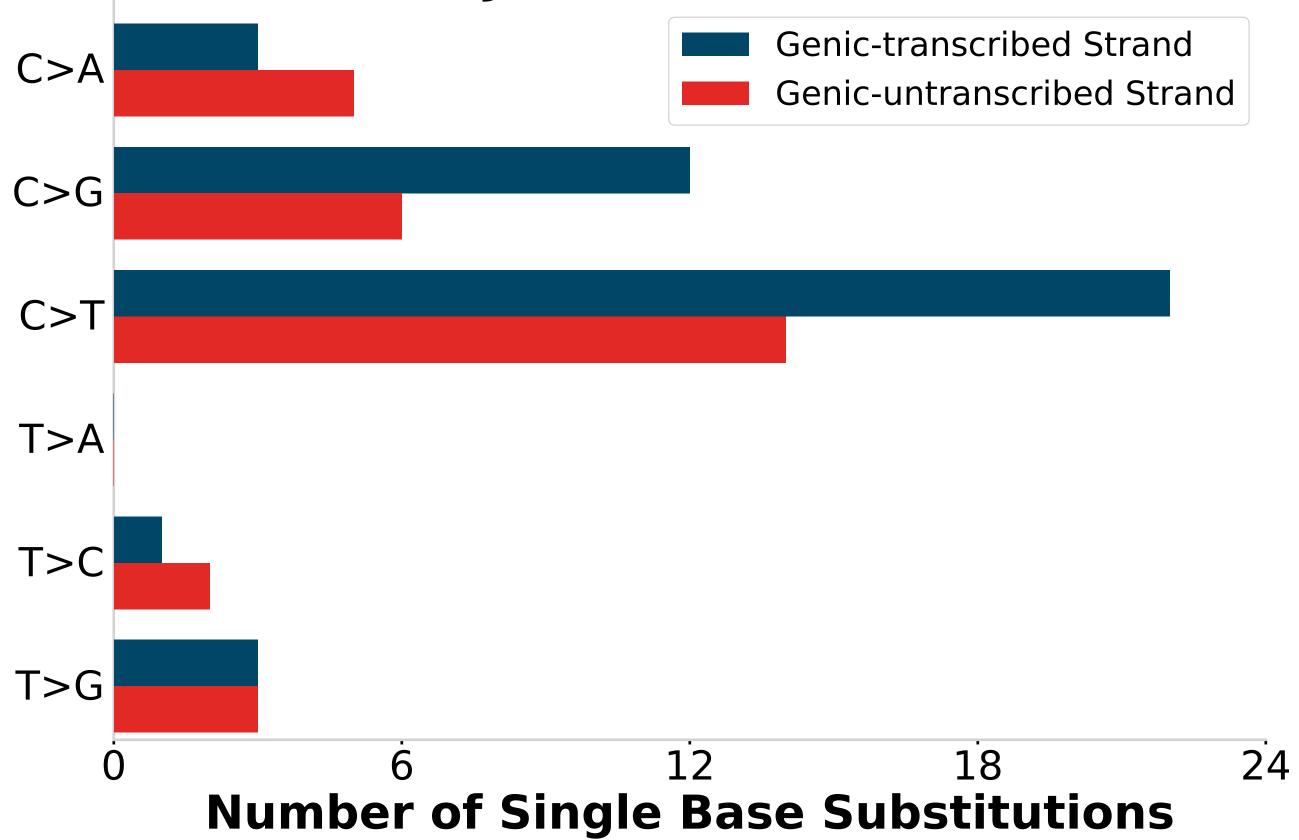
## TCGA-GU-AATQ-01A-11D-A391-08: 153 tra



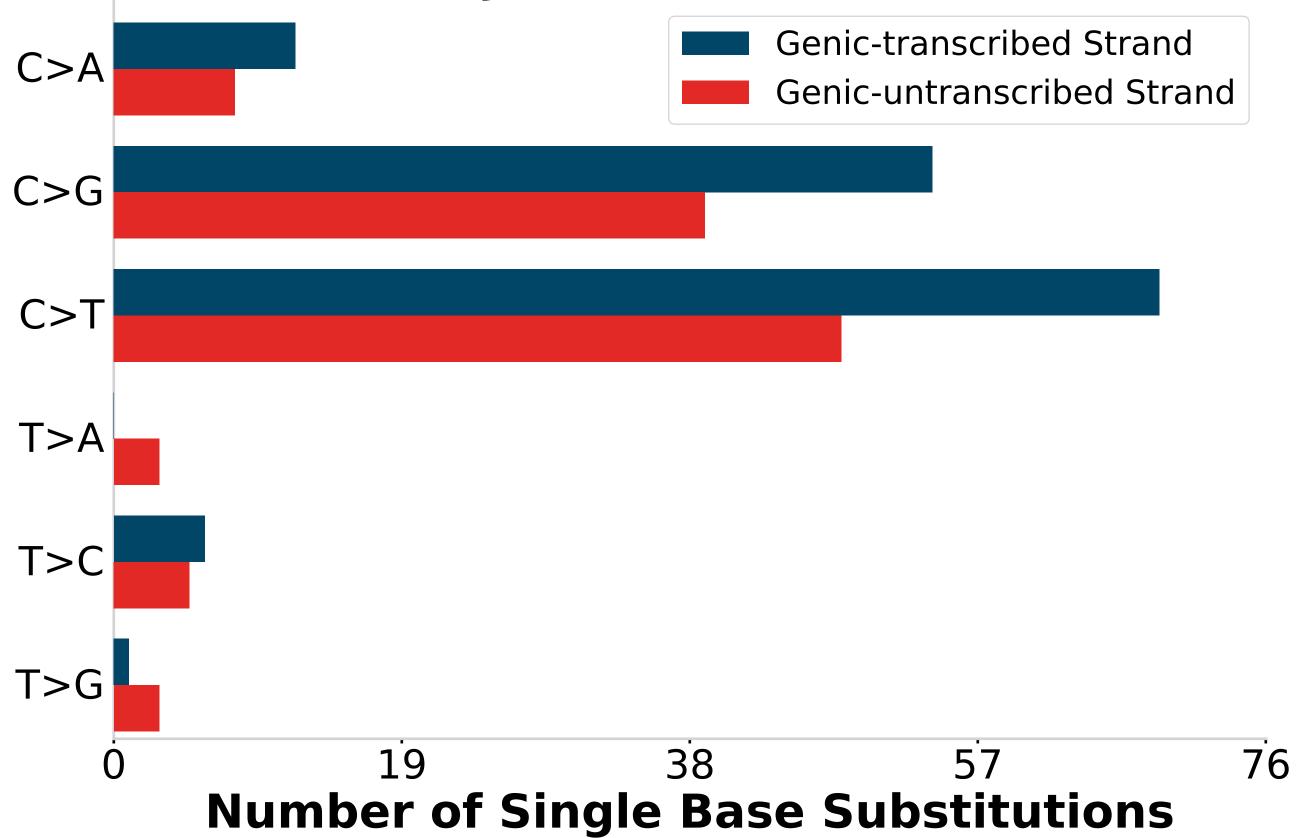
# TCGA-GV-A3JV-01A-11D-A21Z-08: 111 tran



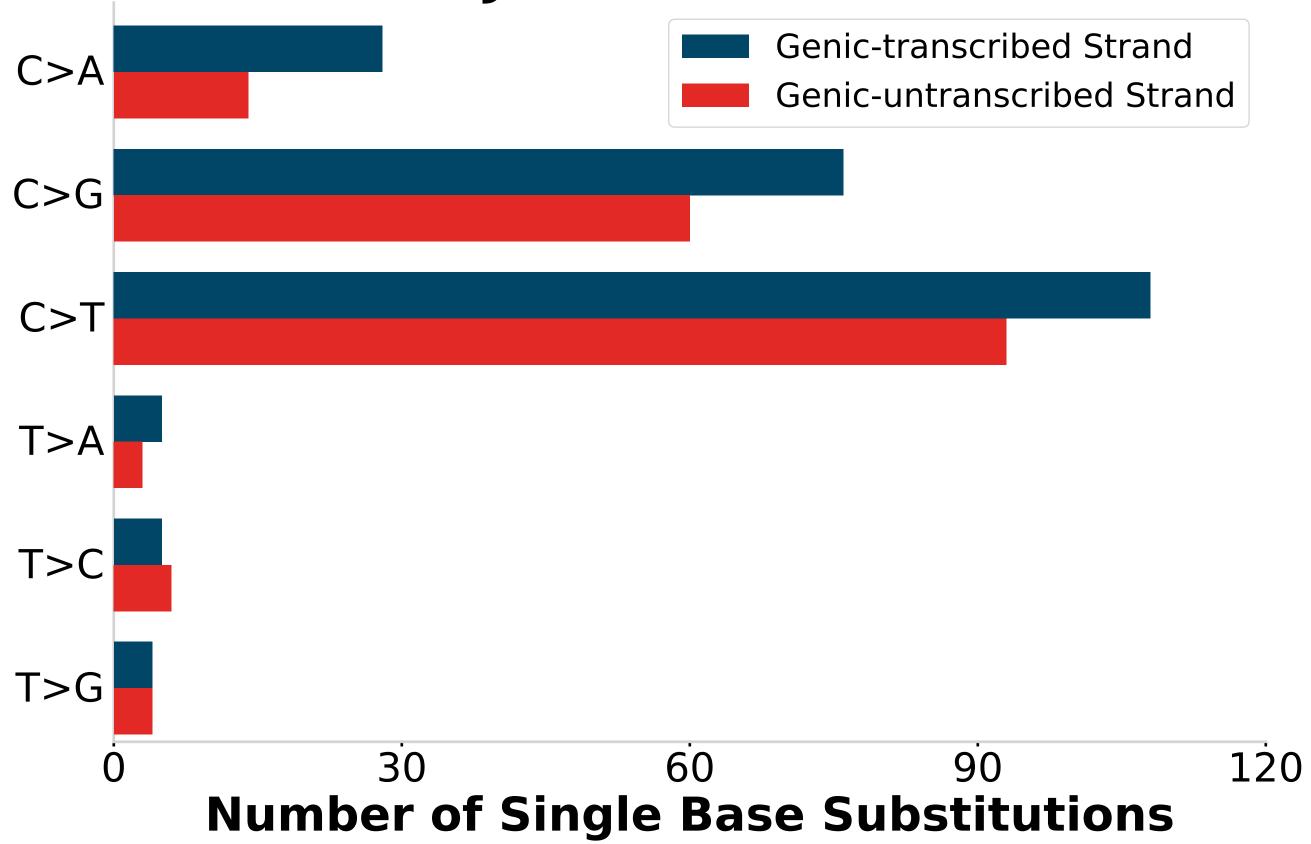
# TCGA-GV-A3JW-01A-11D-A20D-08: 71 tran



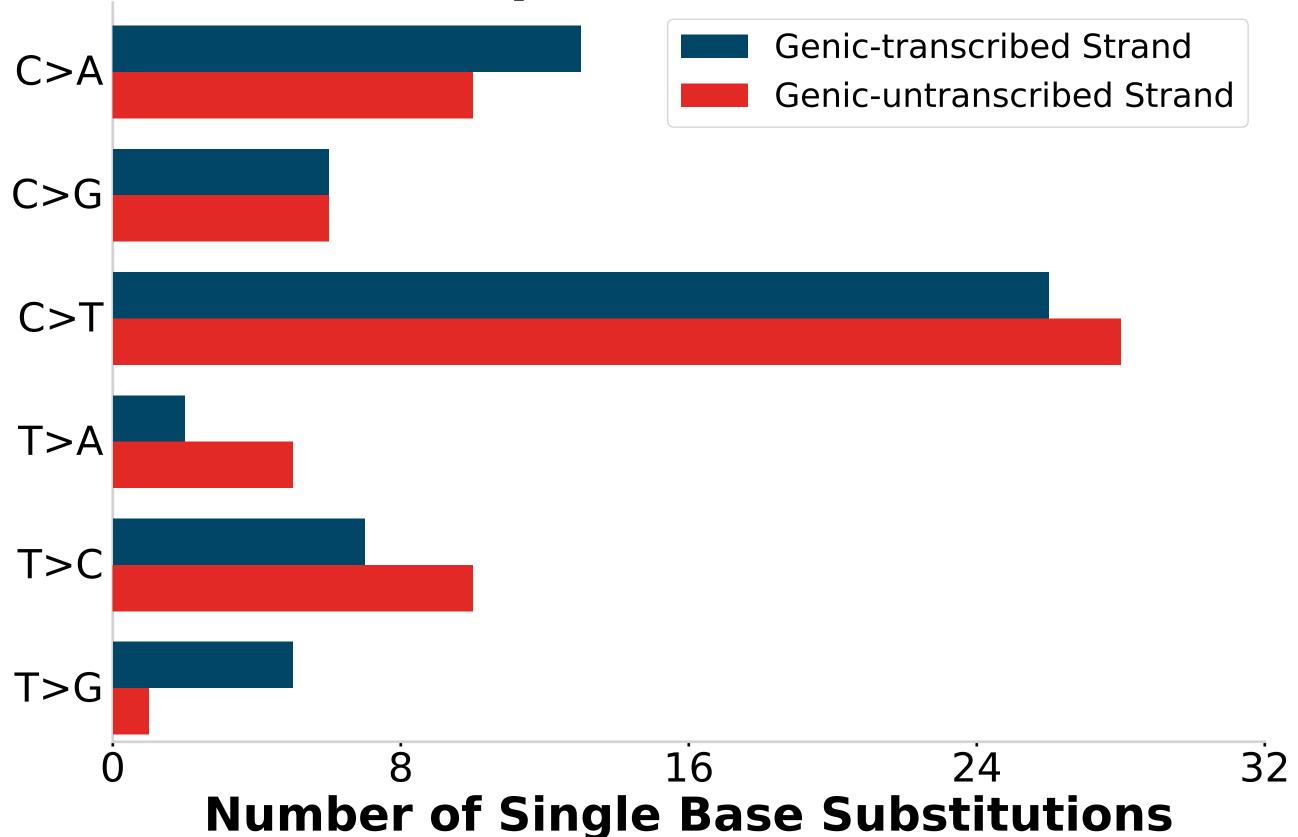
# TCGA-GV-A3JX-01A-11D-A20D-08: 248 trar



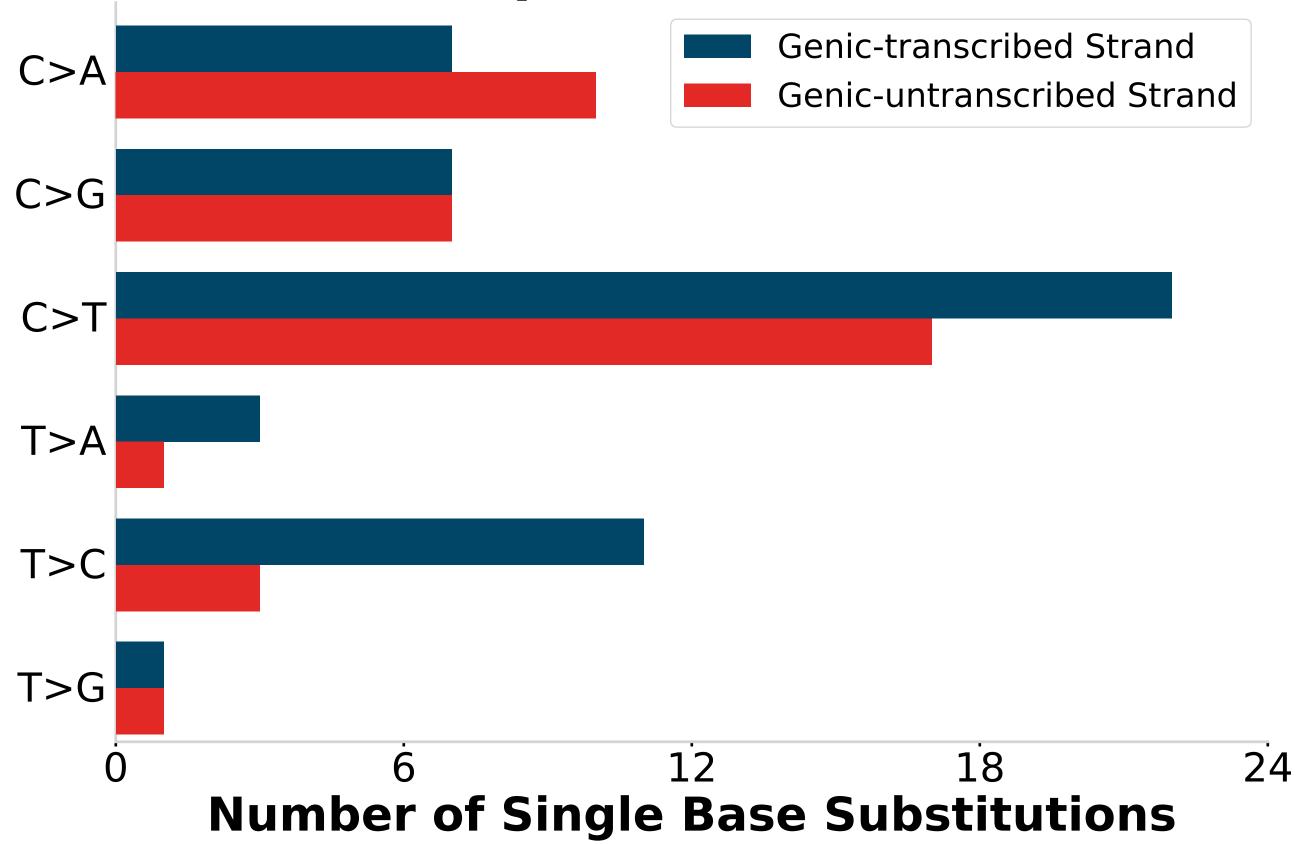
# TCGA-GV-A3JZ-01A-11D-A21A-08: 406 trar



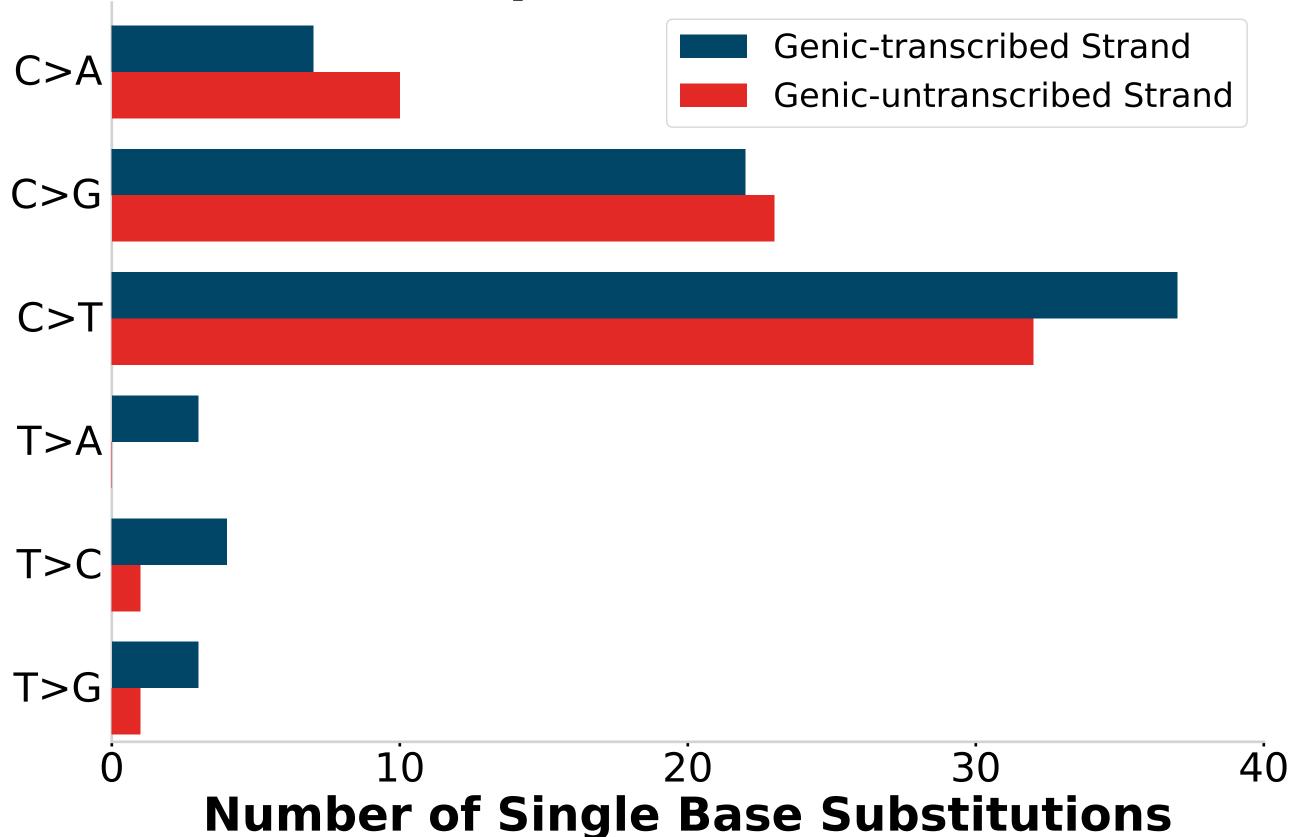
# TCGA-GV-A3QF-01A-31D-A22Z-08: 119 tra



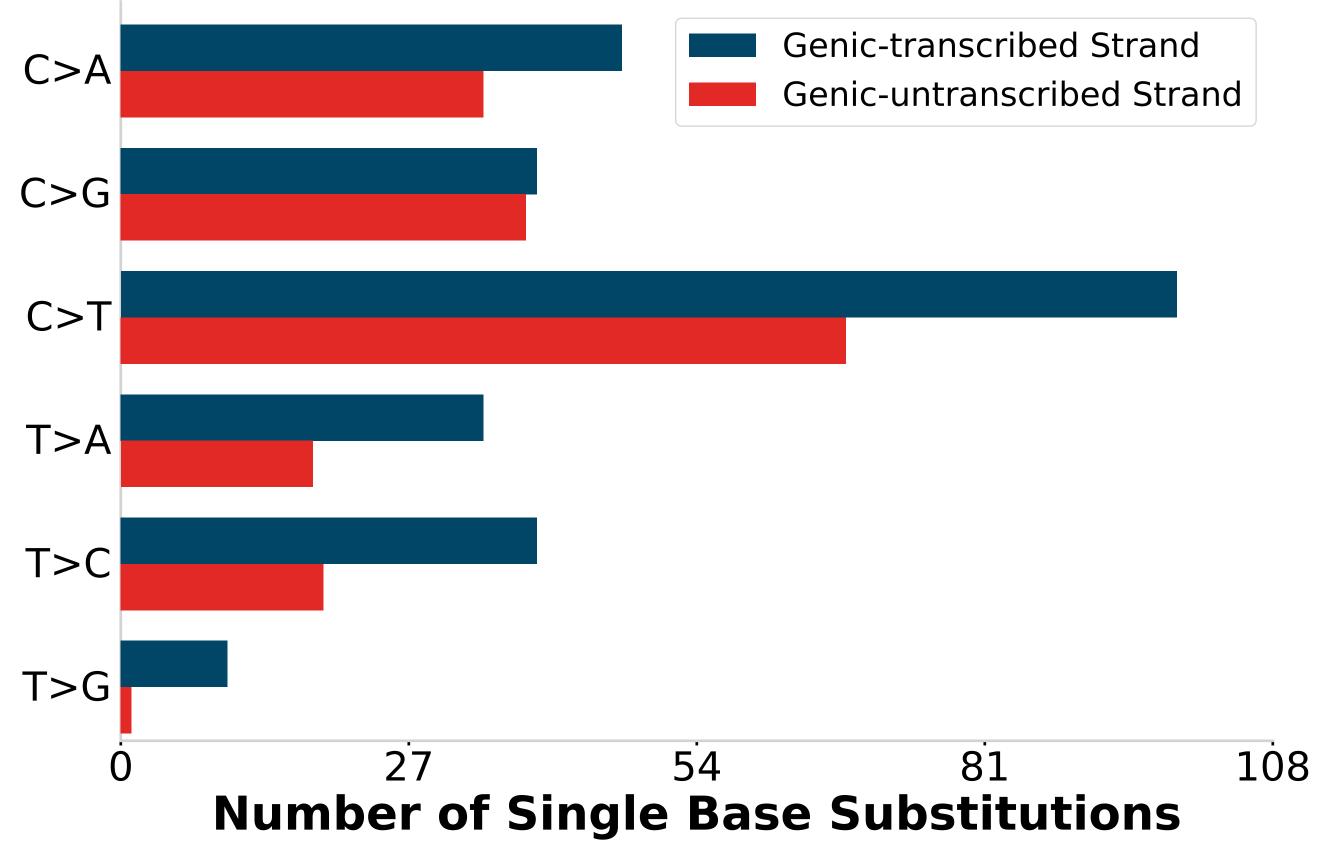
# TCGA-GV-A3QG-01A-11D-A21Z-08: 90 tran



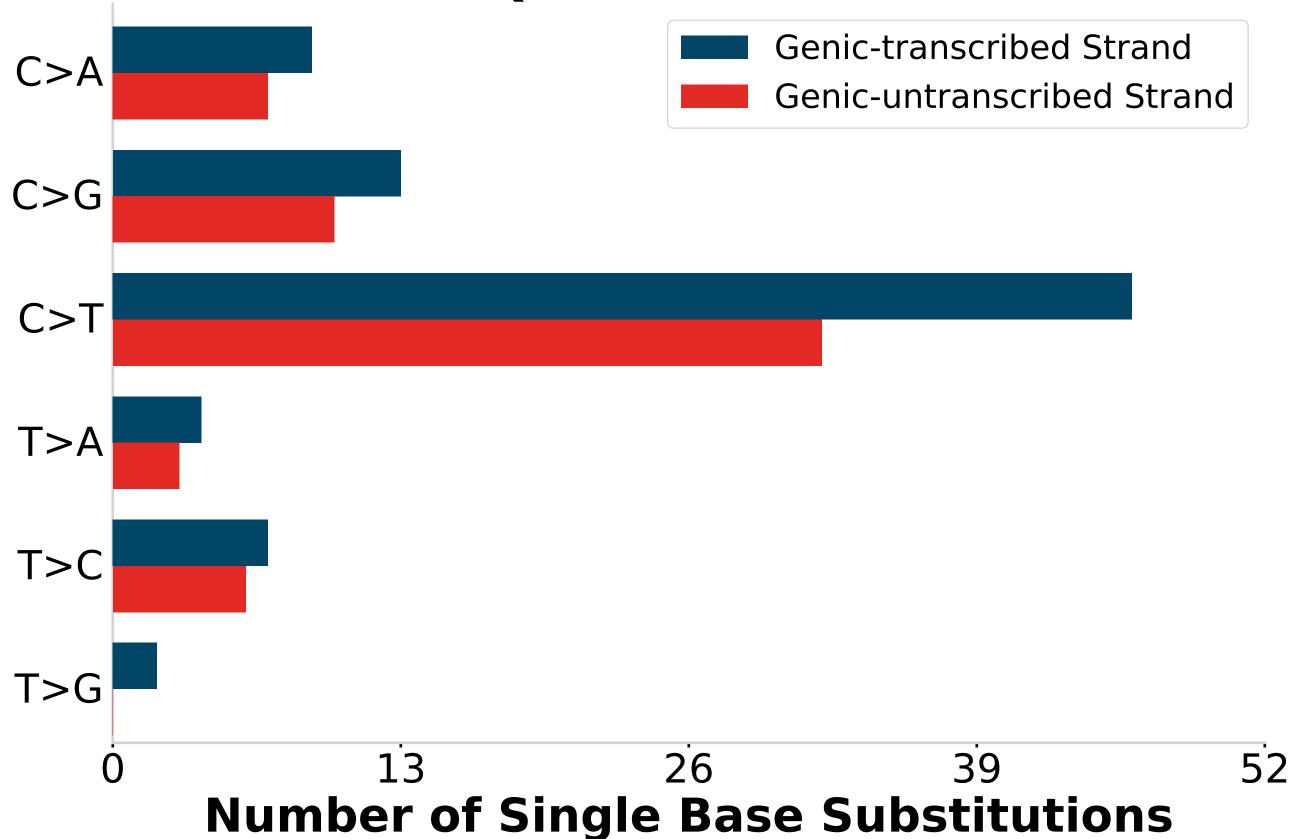
## TCGA-GV-A3QH-01A-11D-A21Z-08: 143 tra



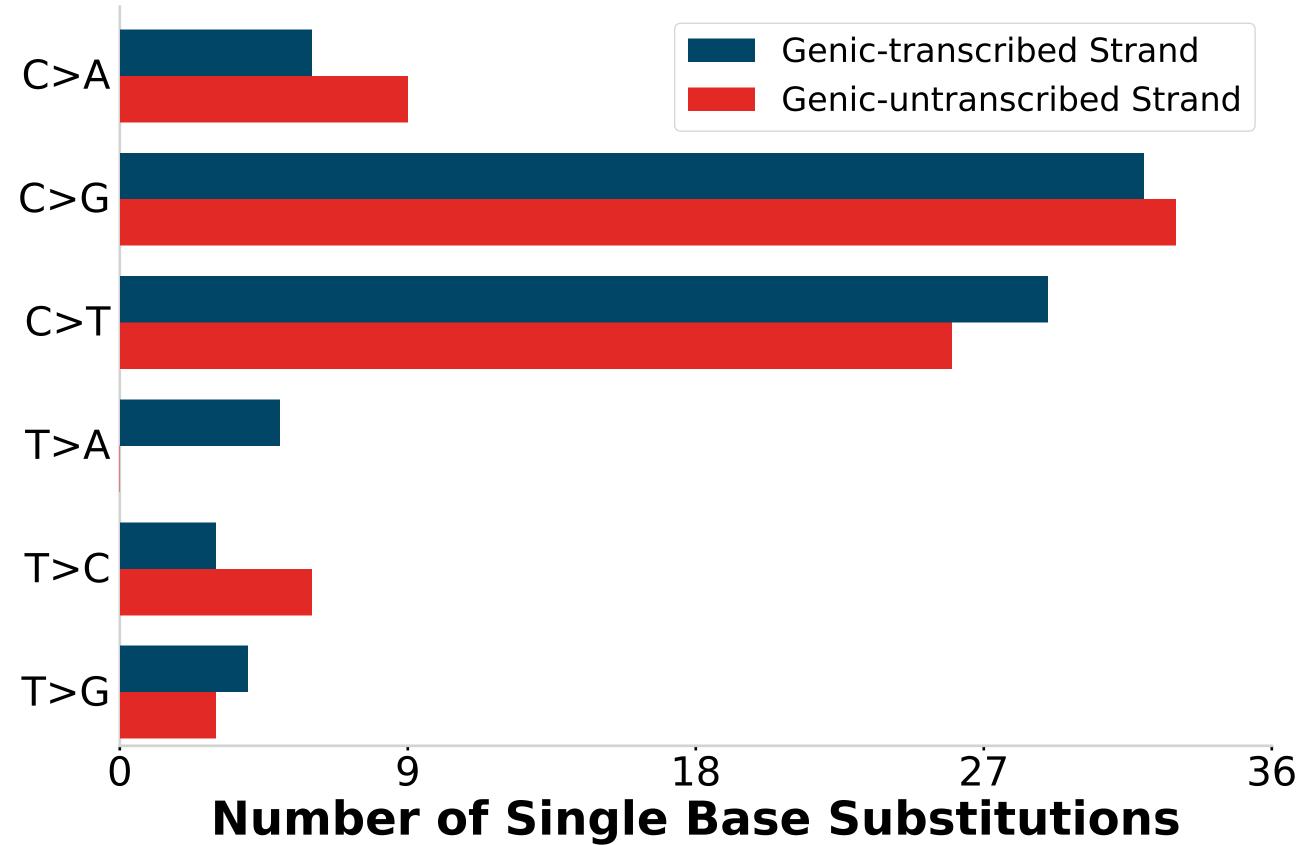
# TCGA-GV-A3QI-01A-11D-A21Z-08: 446 trar



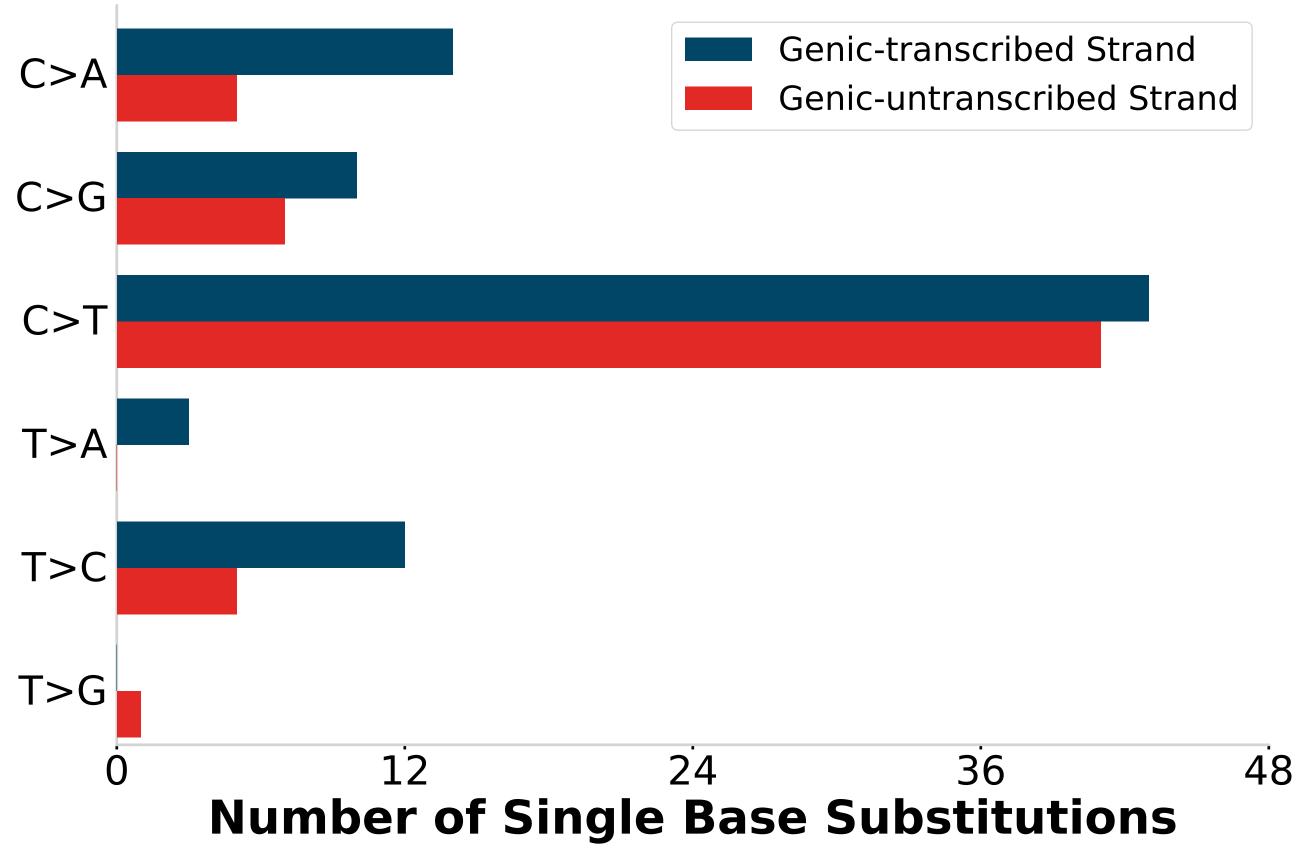
# TCGA-GV-A3QK-01B-11D-A23M-08: 139 tra



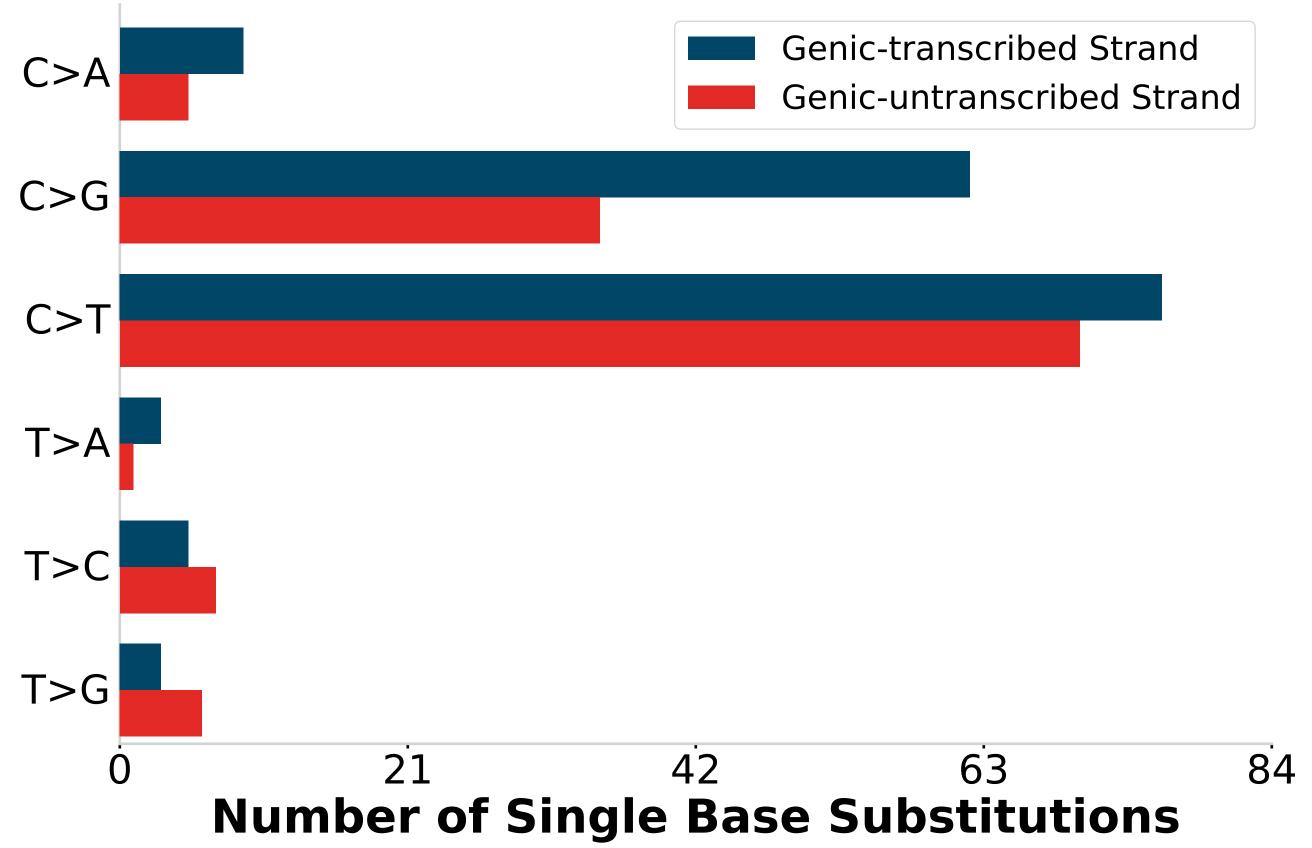
### TCGA-GV-A40E-01A-12D-A23M-08: 156 tra



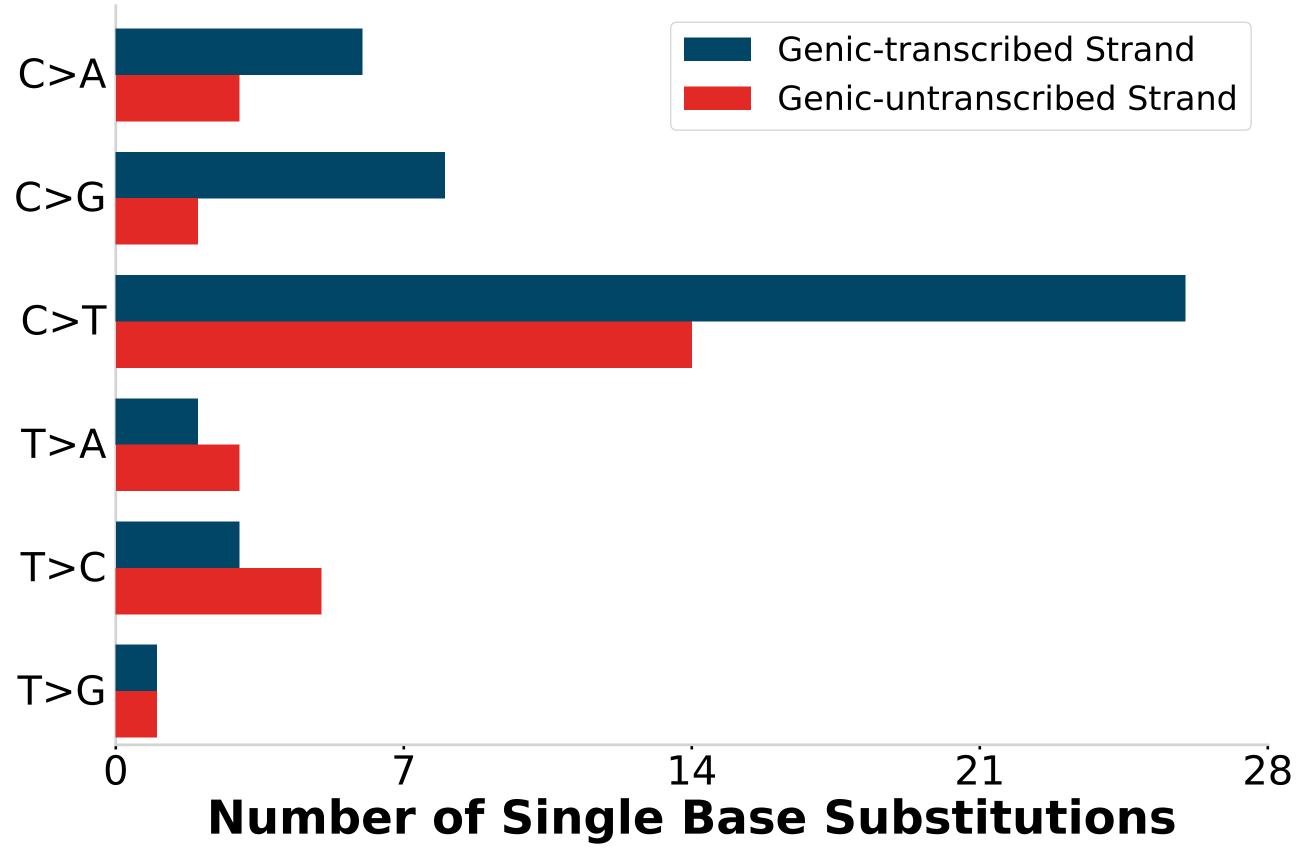
### TCGA-GV-A40G-01A-11D-A23M-08: 141 tra



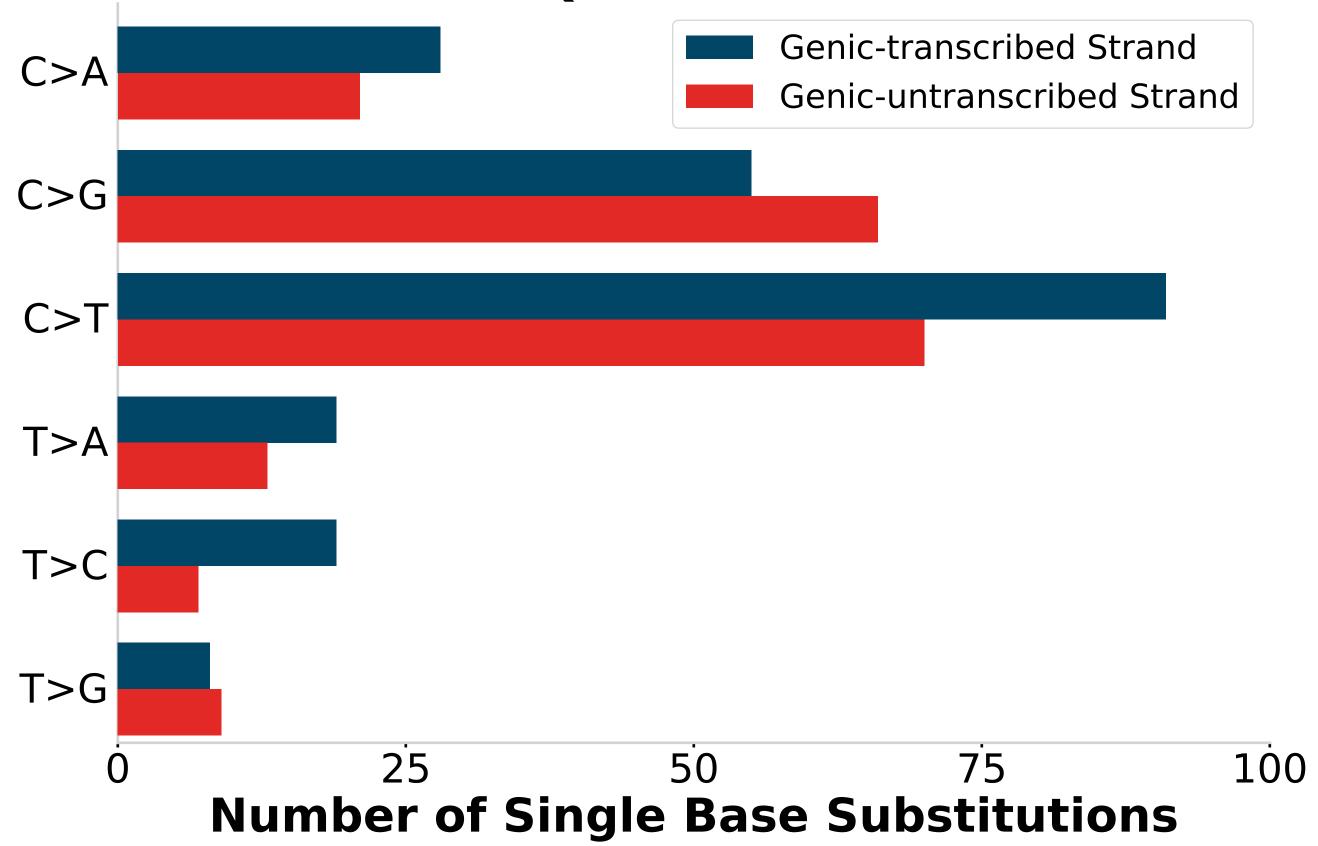
## TCGA-GV-A6ZA-01A-12D-A339-08: 282 trail



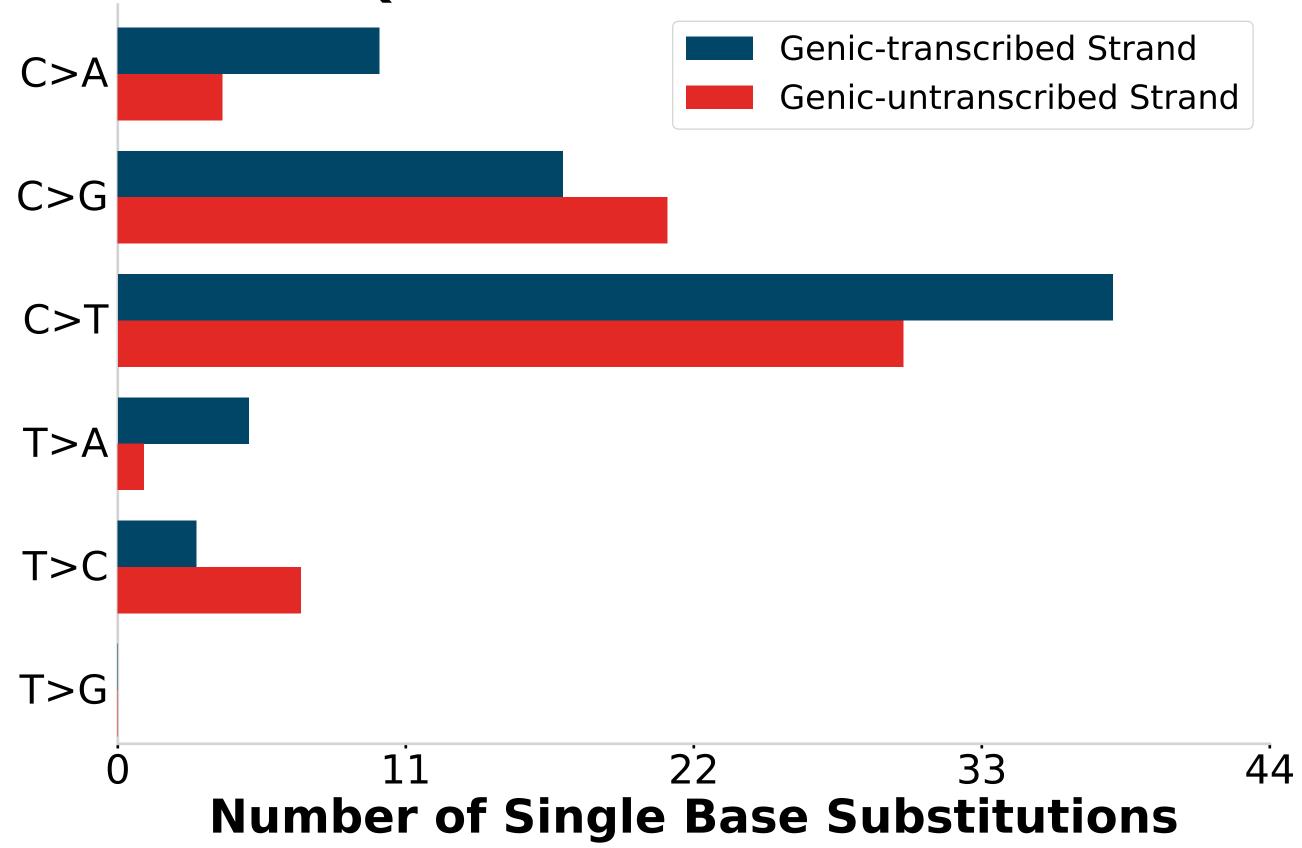
## TCGA-H4-A2HO-01A-11D-A17V-08: 74 tran



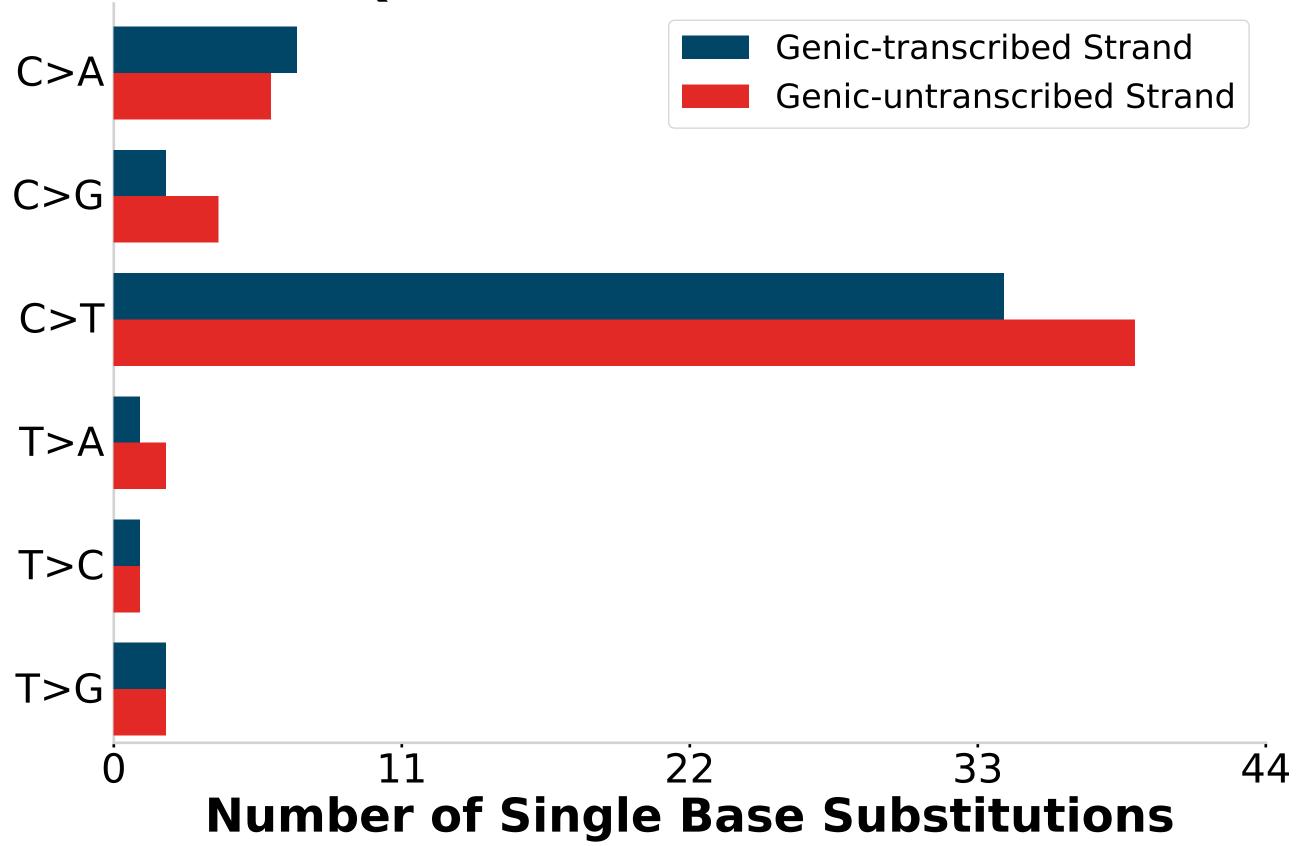
## TCGA-H4-A2HQ-01A-11D-A17V-08: 406 tra



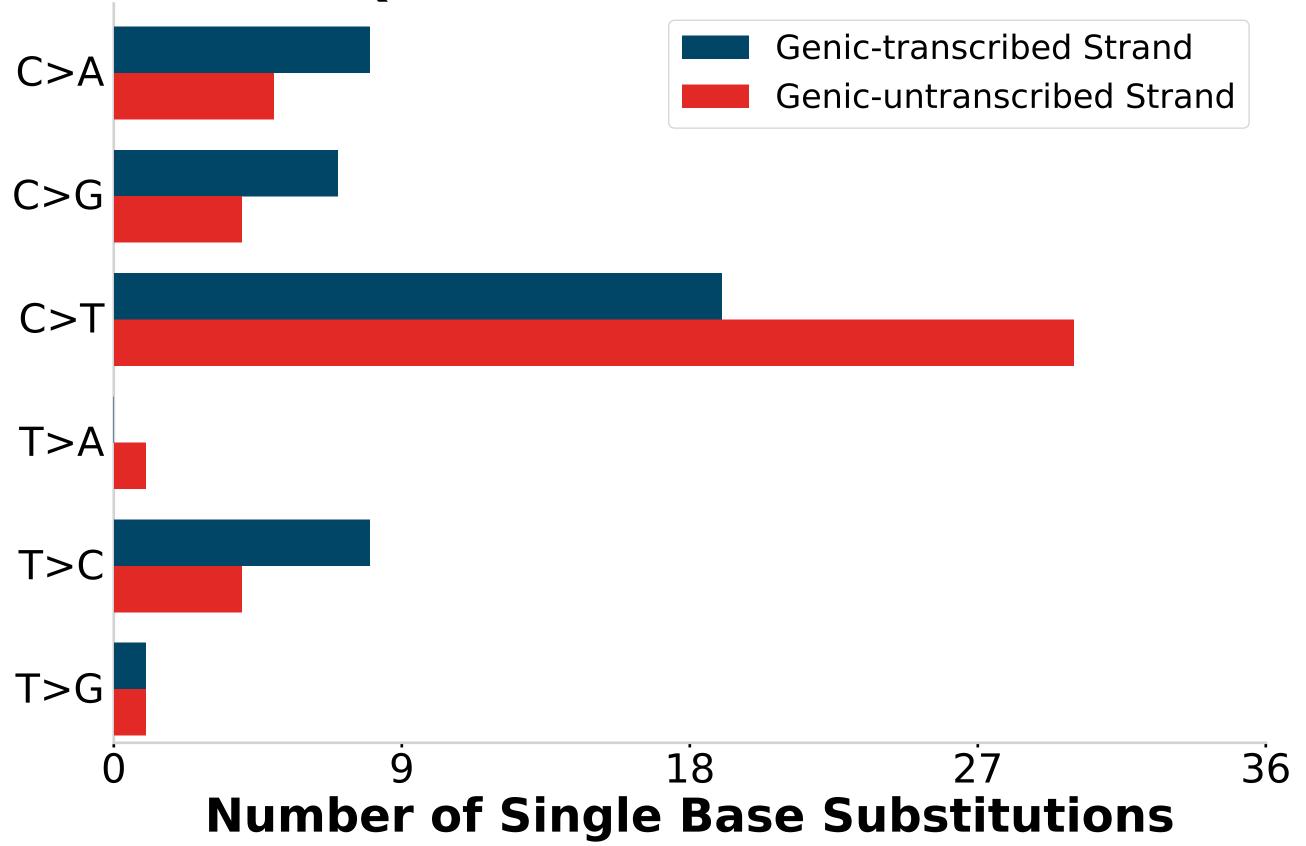
## TCGA-HQ-A20E-01A-11D-A202-08: 136 tra



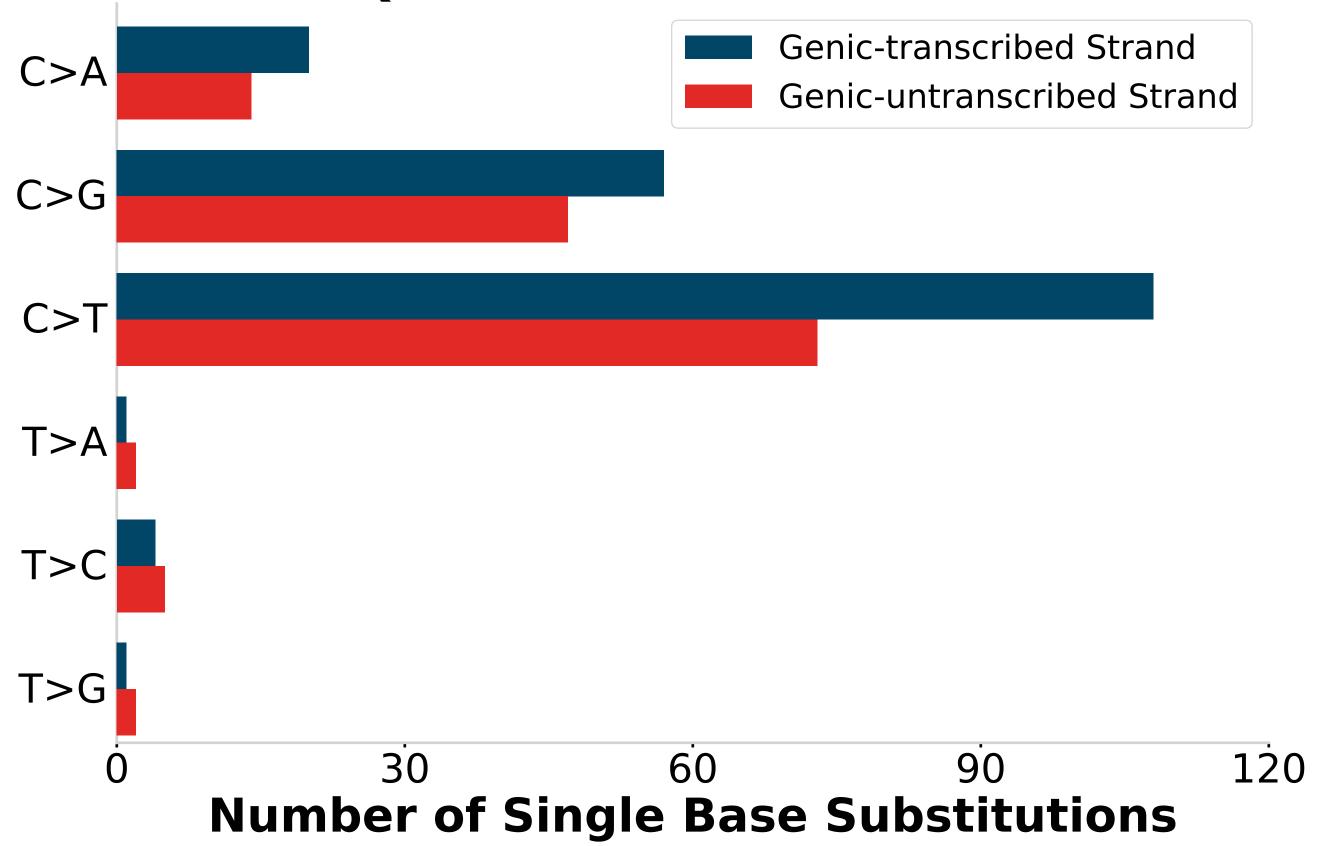
## TCGA-HQ-A2OF-01A-11D-A26M-08: 101 tra



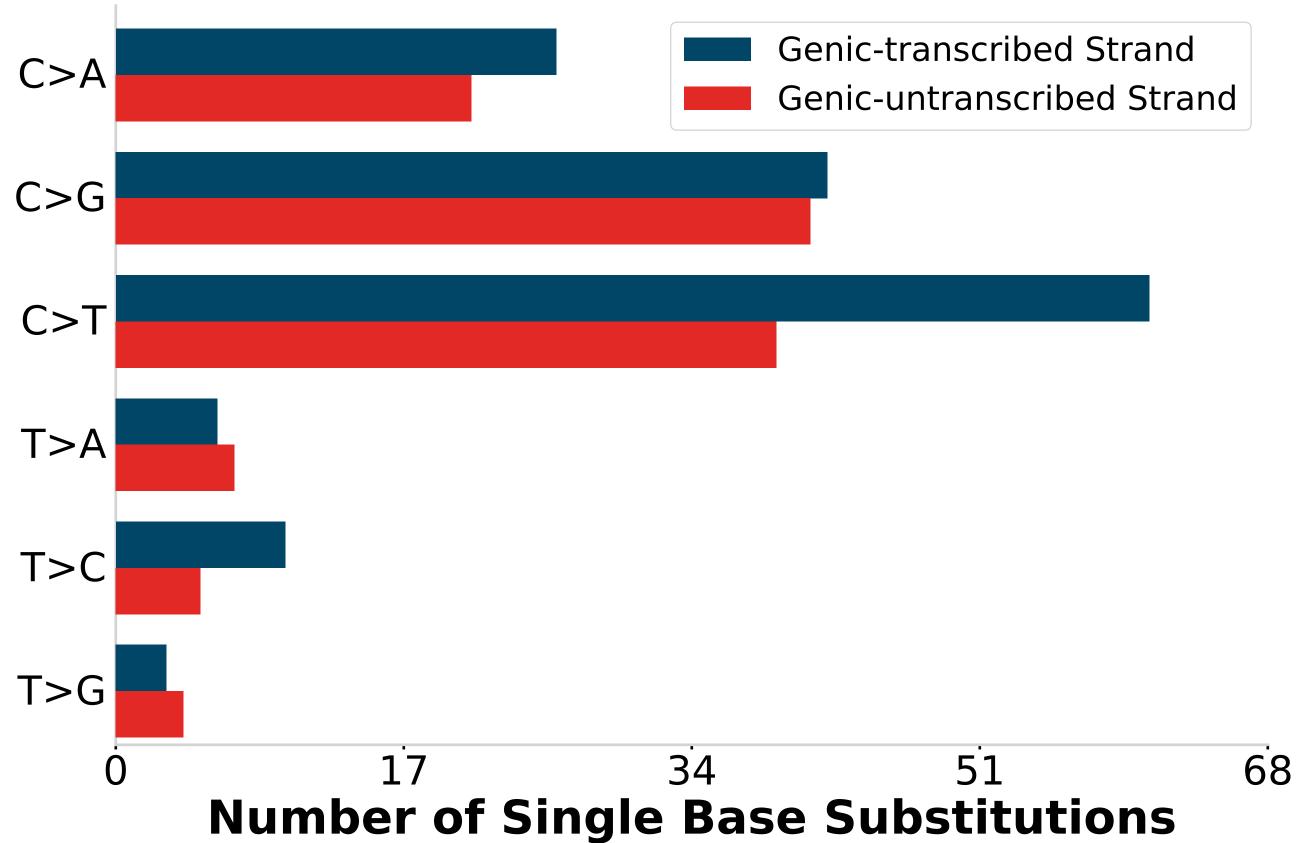
## TCGA-HQ-A5ND-01A-11D-A26M-08: 88 trail



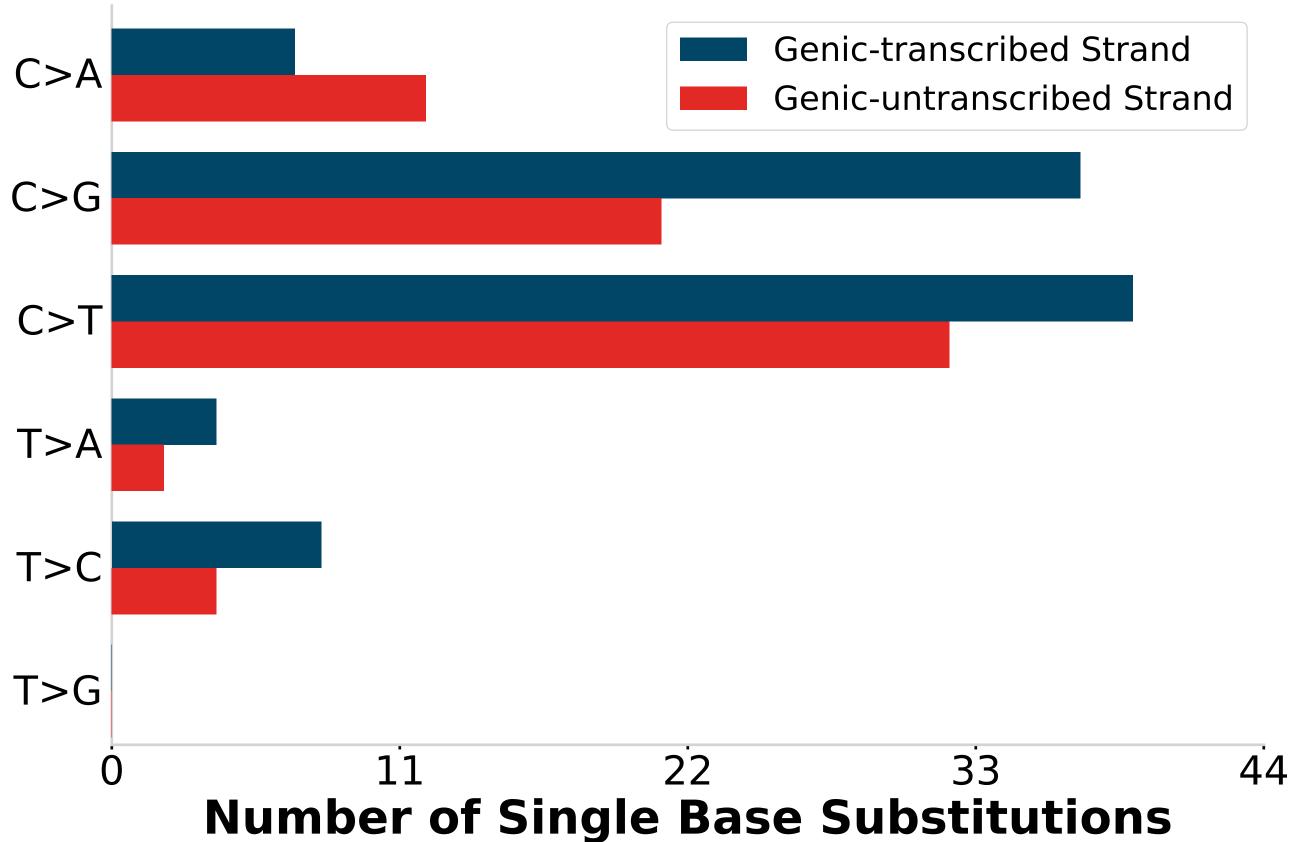
## TCGA-HQ-A5NE-01A-12D-A289-08: 334 tra



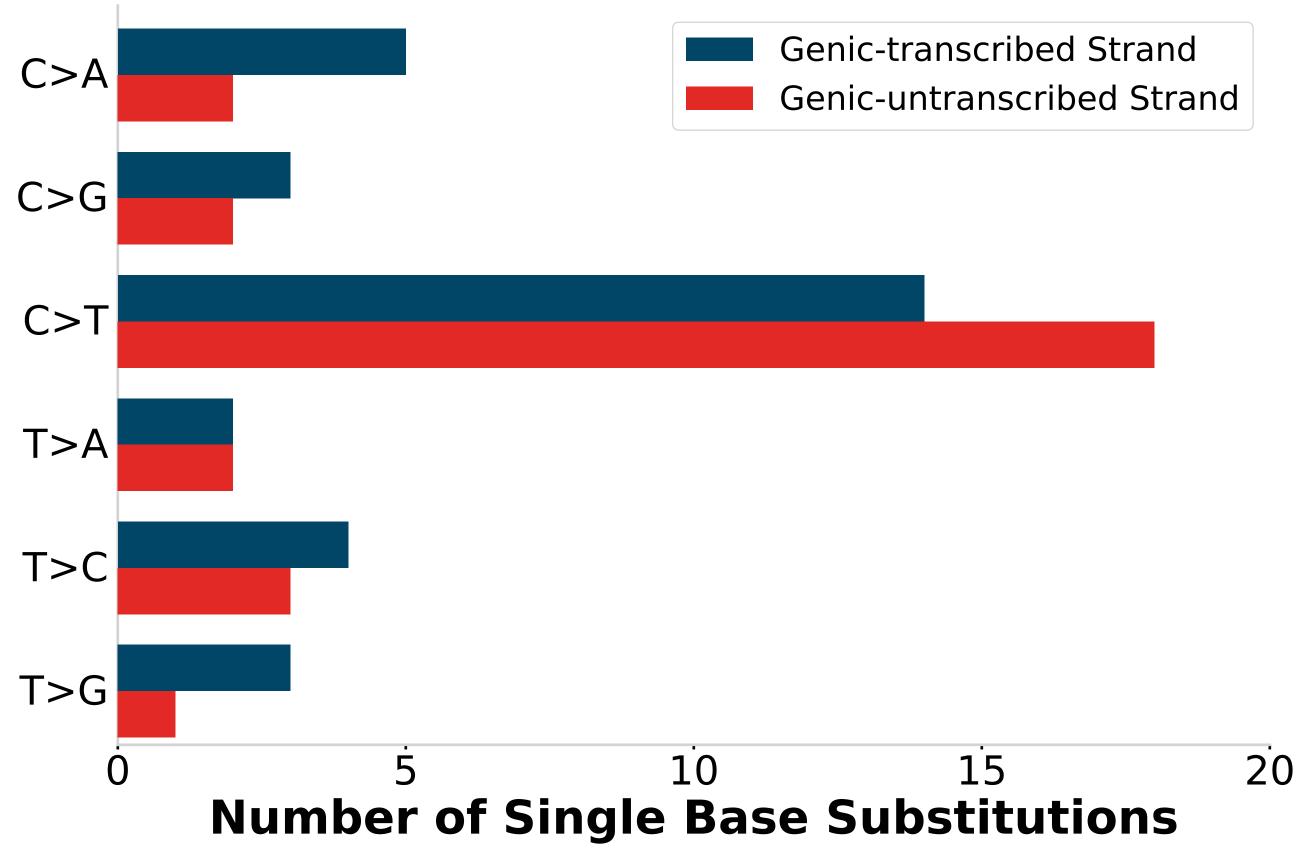
### TCGA-K4-A3WS-01A-11D-A22Z-08: 265 tra



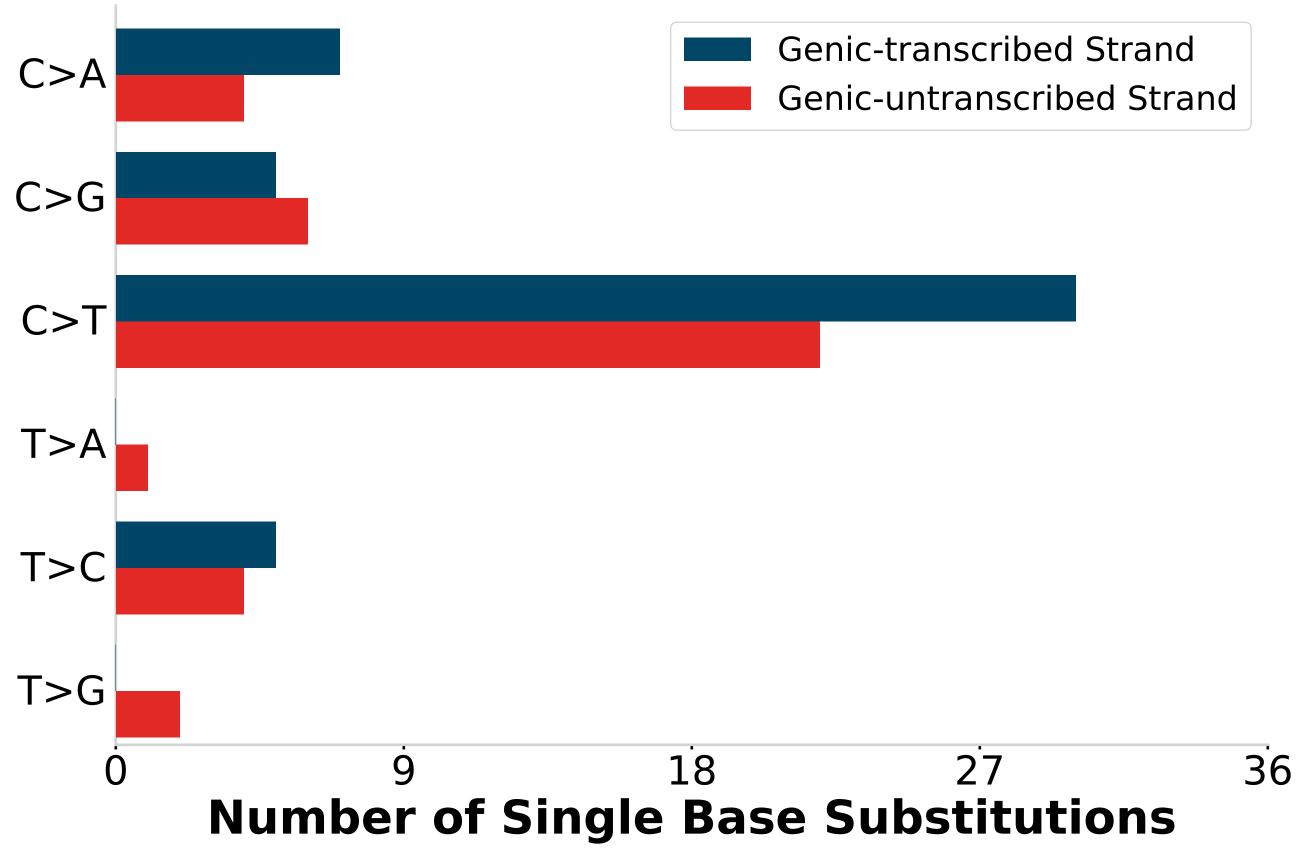
## TCGA-K4-A3WU-01B-11D-A23M-08: 166 tra



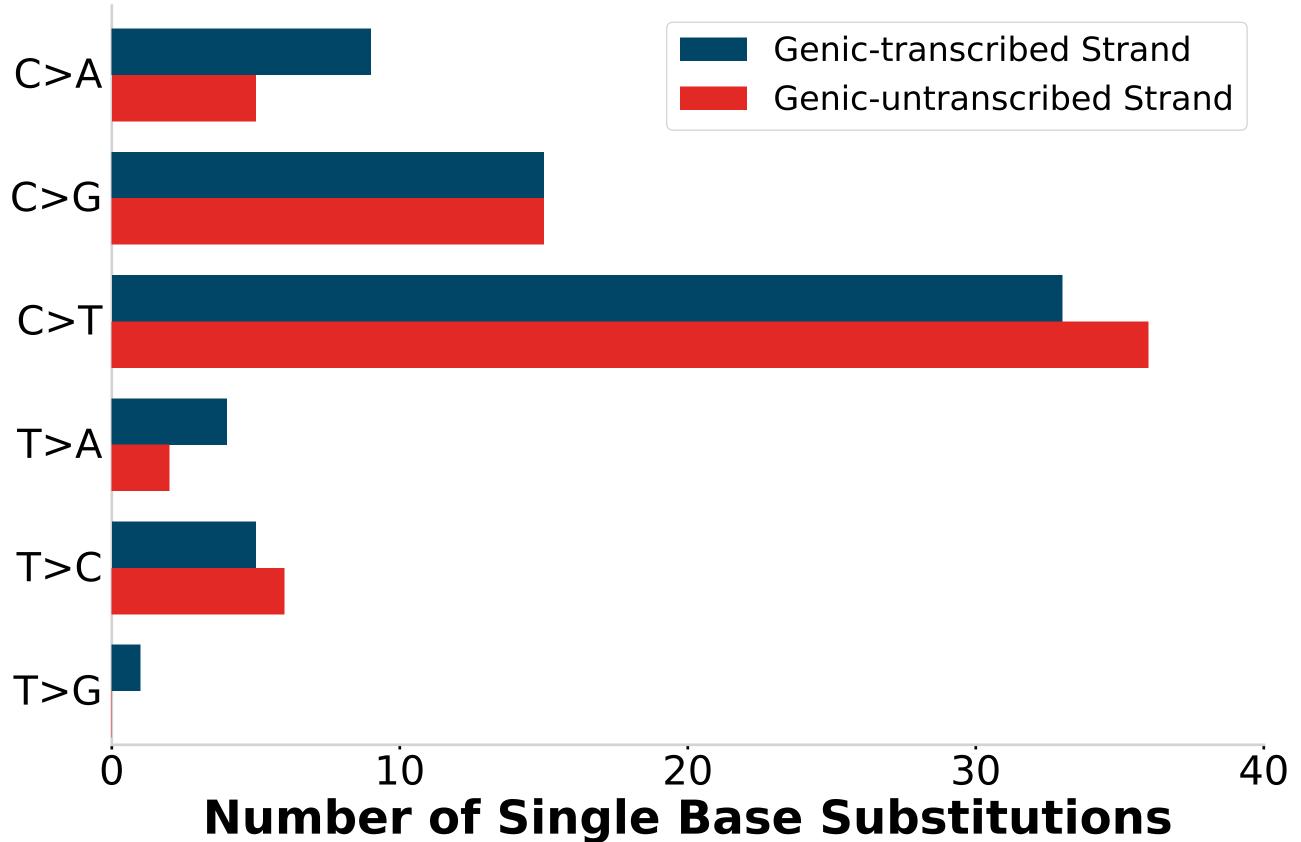
### TCGA-K4-A3WV-01A-11D-A22Z-08: 59 tran



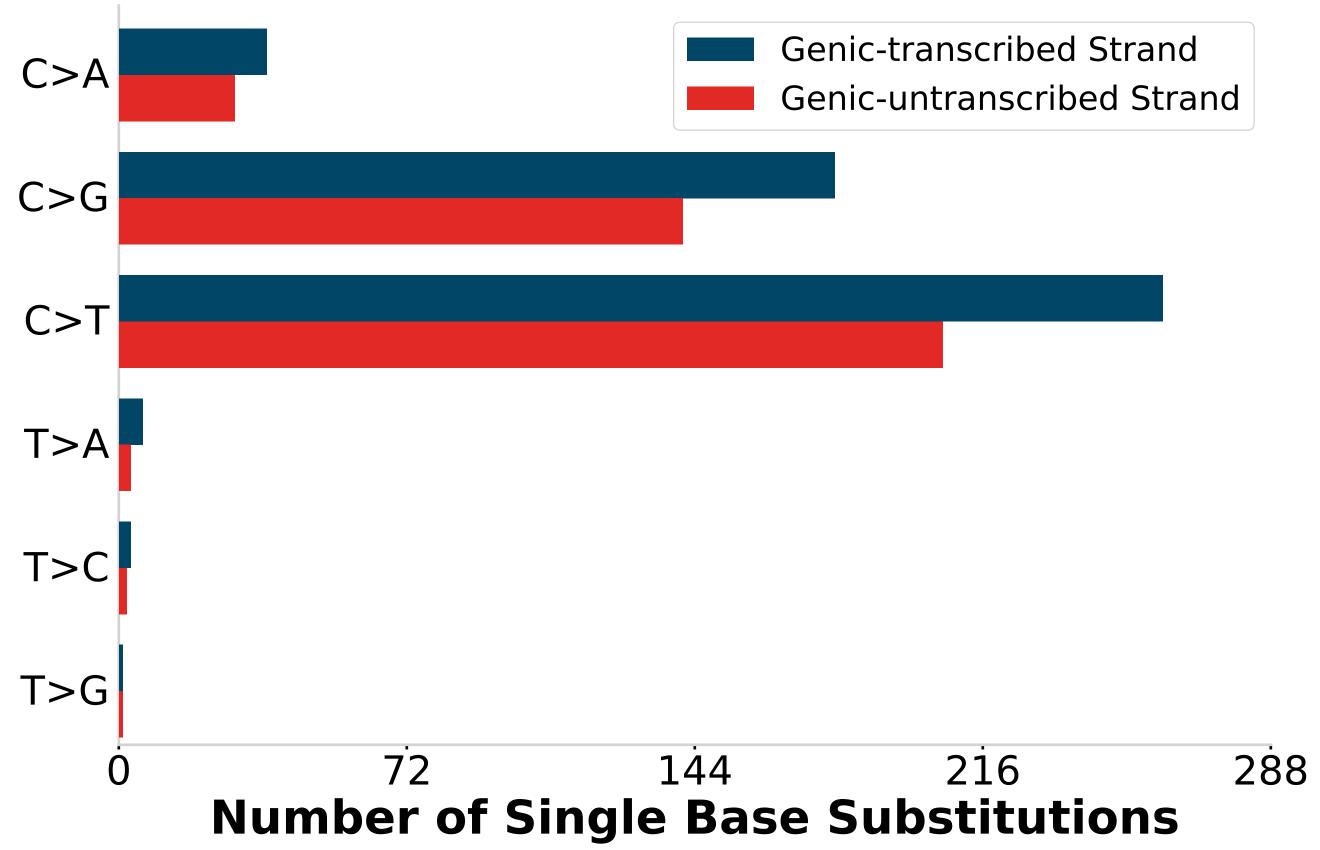
## TCGA-K4-A4AB-01B-12D-A289-08: 86 trans



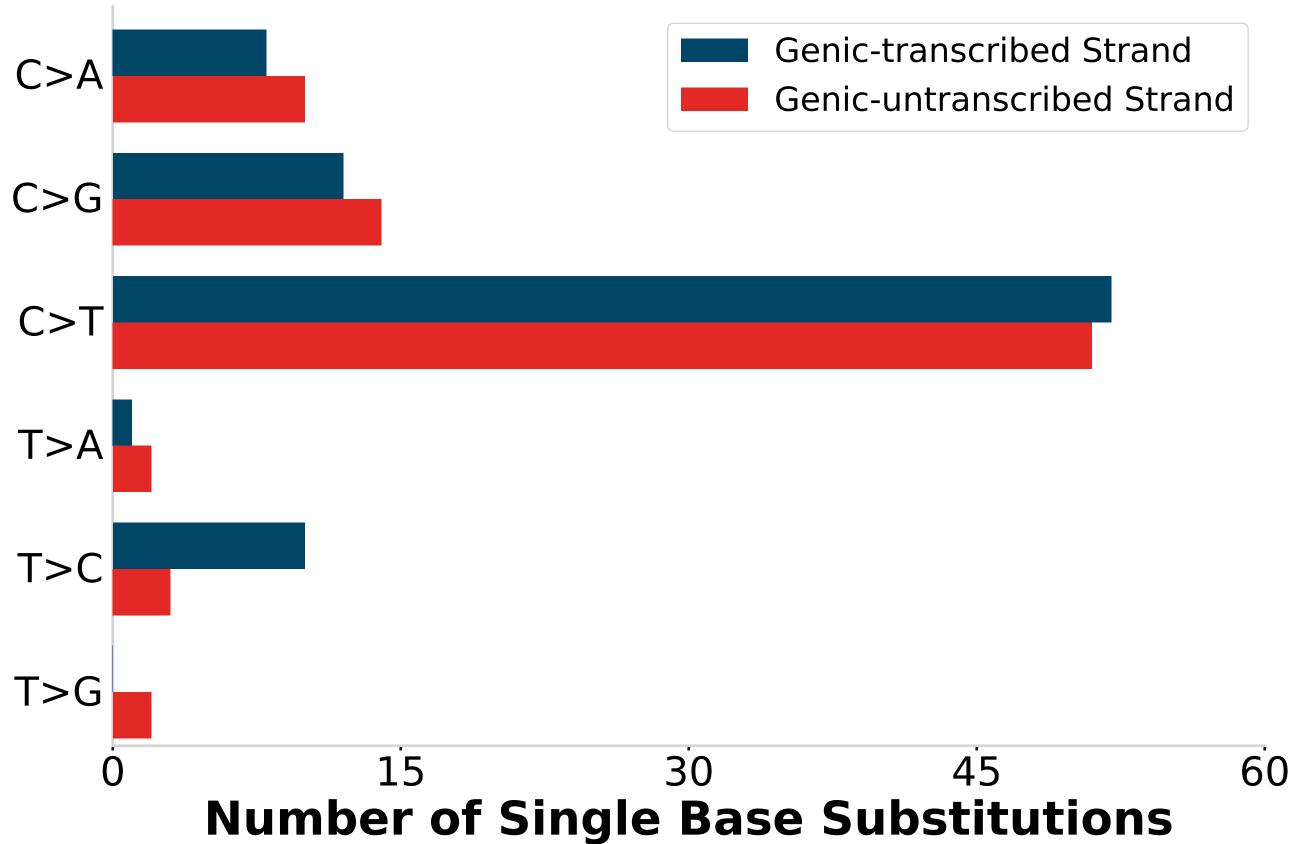
## TCGA-K4-A4AC-01A-21D-A26M-08: 131 tra



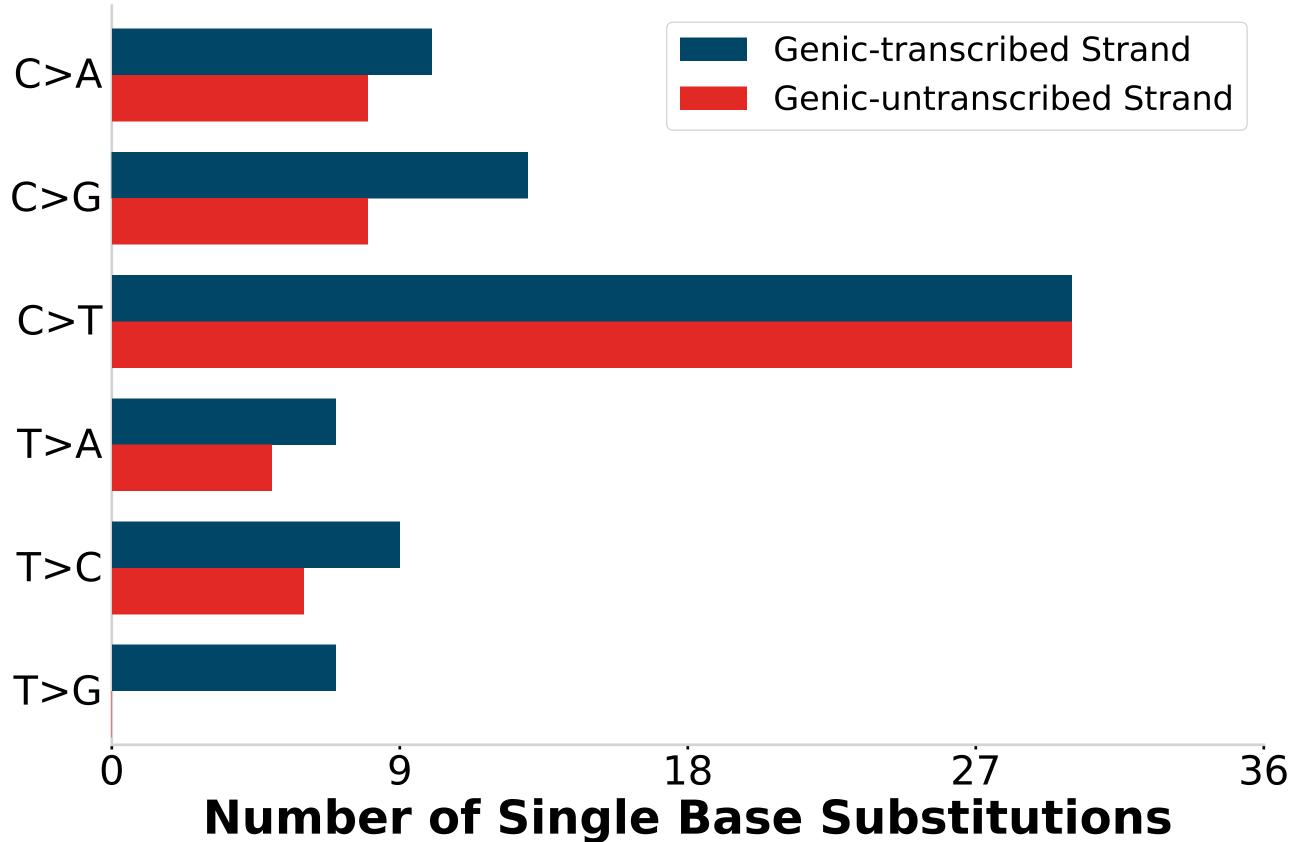
## TCGA-K4-A54R-01A-11D-A26M-08: 869 tra



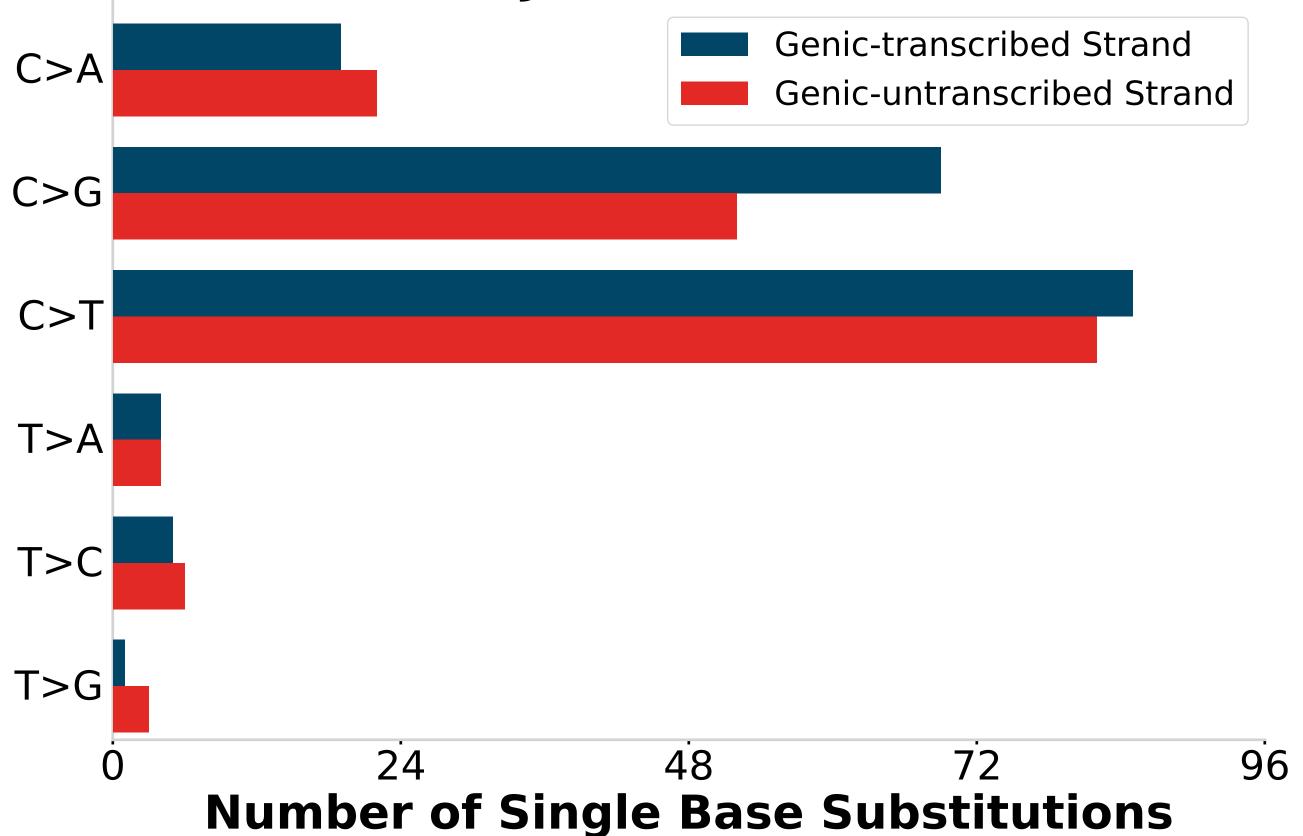
## TCGA-K4-A5RH-01A-11D-A30E-08: 165 tra



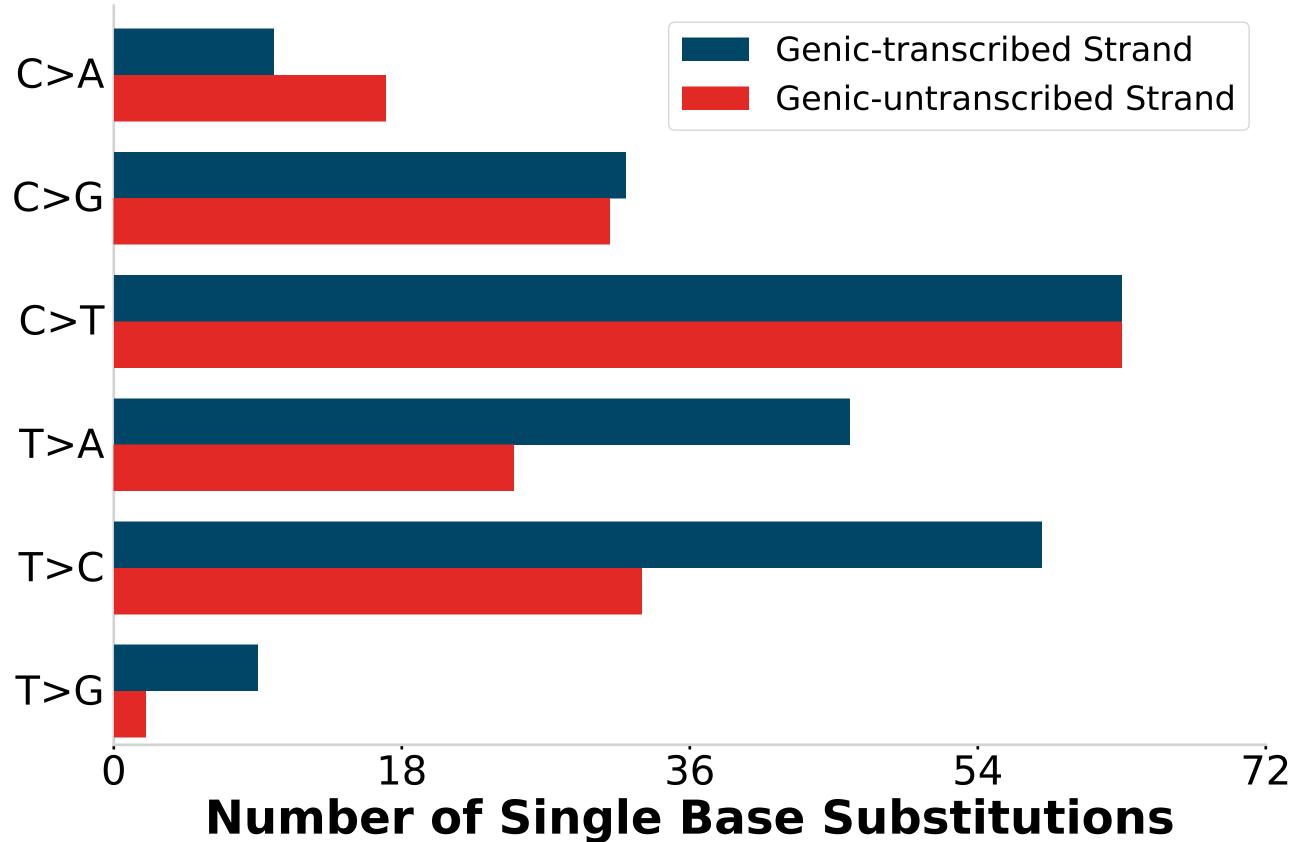
## TCGA-K4-A5RI-01A-11D-A289-08: 133 tran



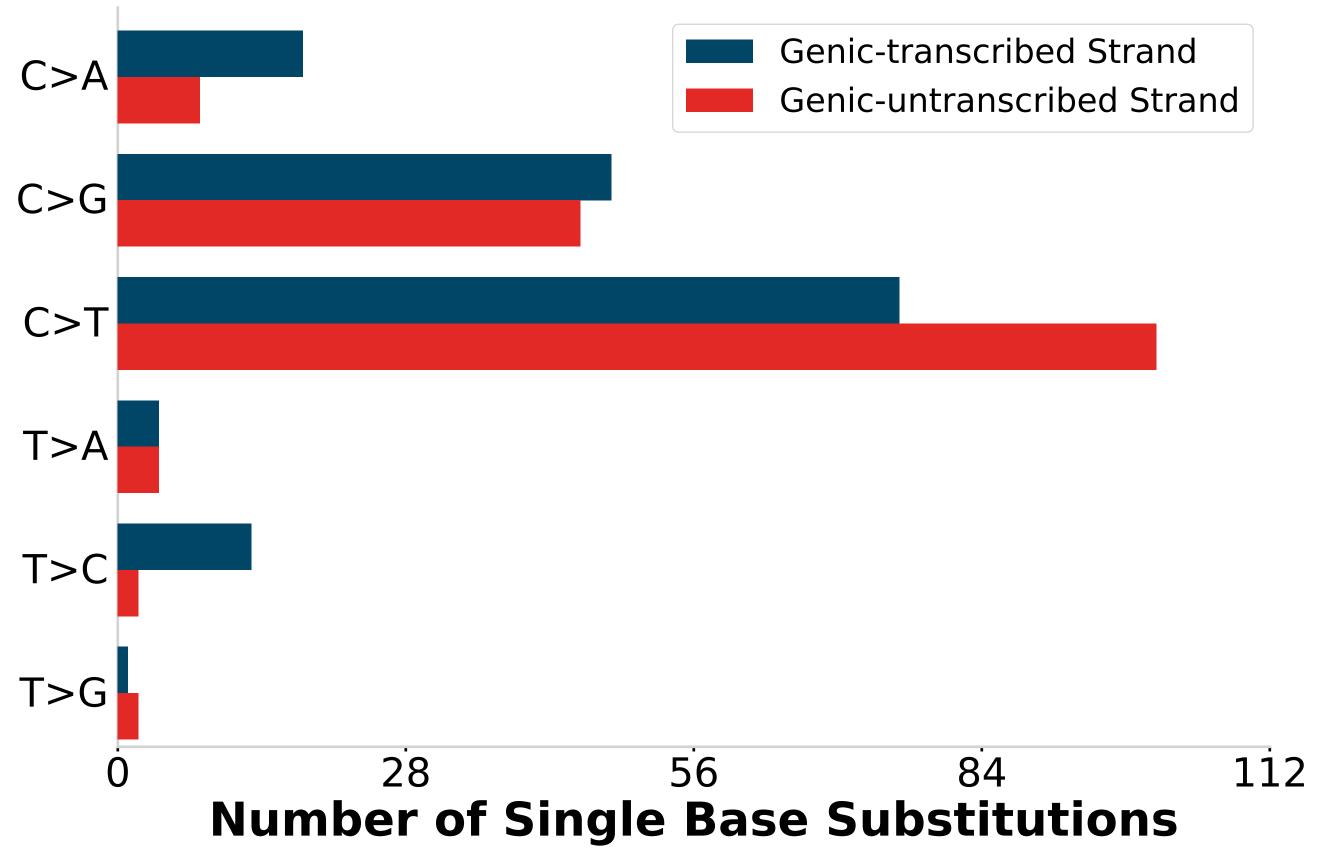
# TCGA-K4-A5RJ-01A-11D-A289-08: 352 tran



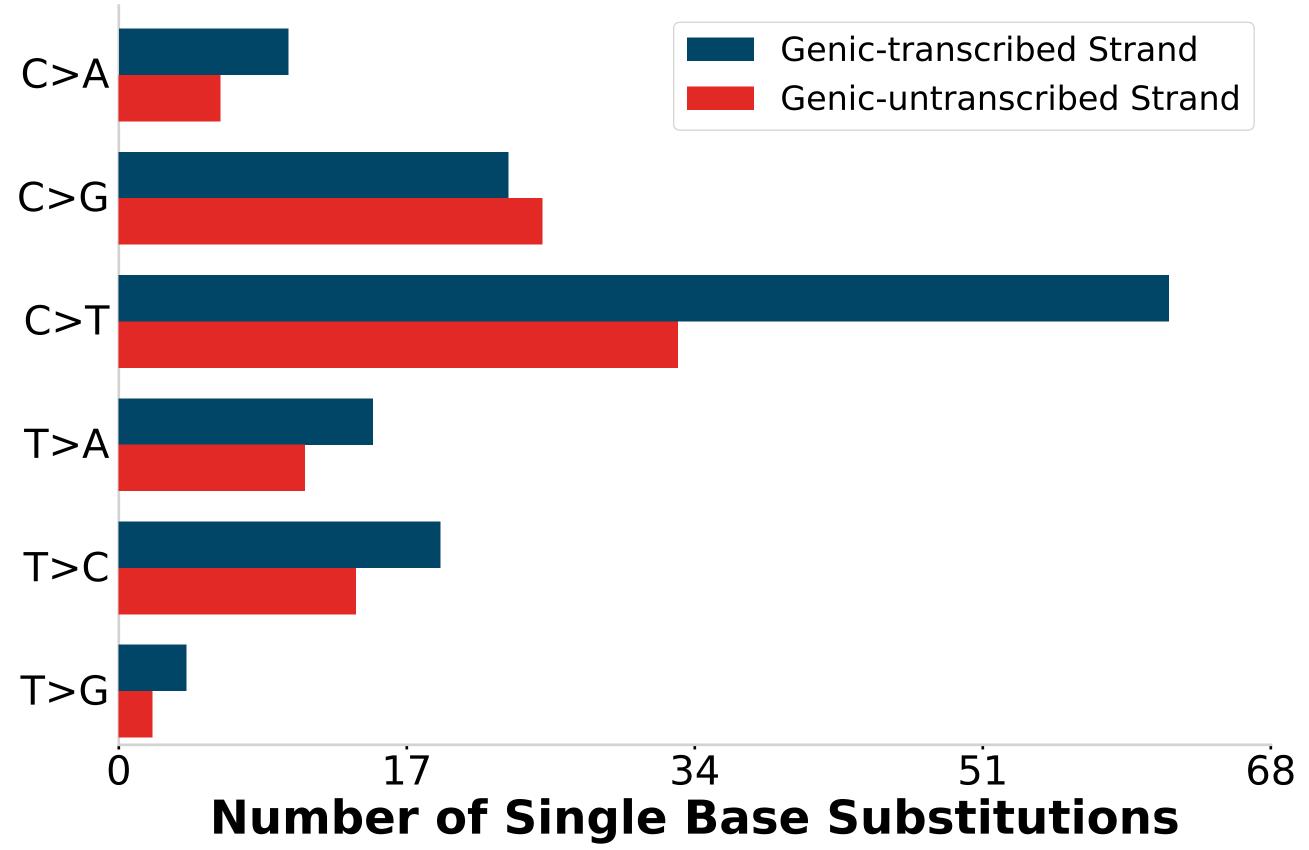
## TCGA-K4-A6FZ-01A-11D-A31L-08: 389 trar



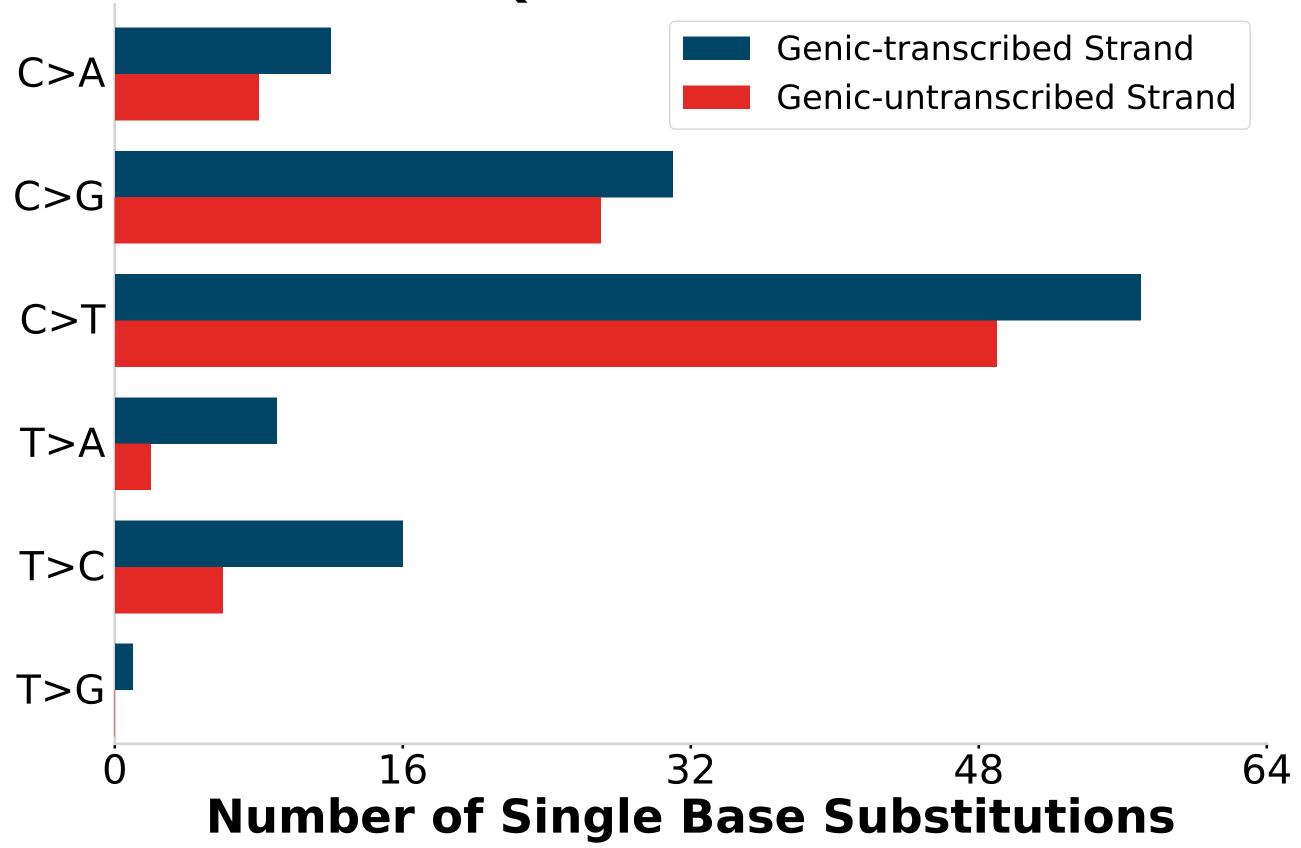
#### TCGA-K4-A6MB-01A-11D-A31L-08: 322 tra



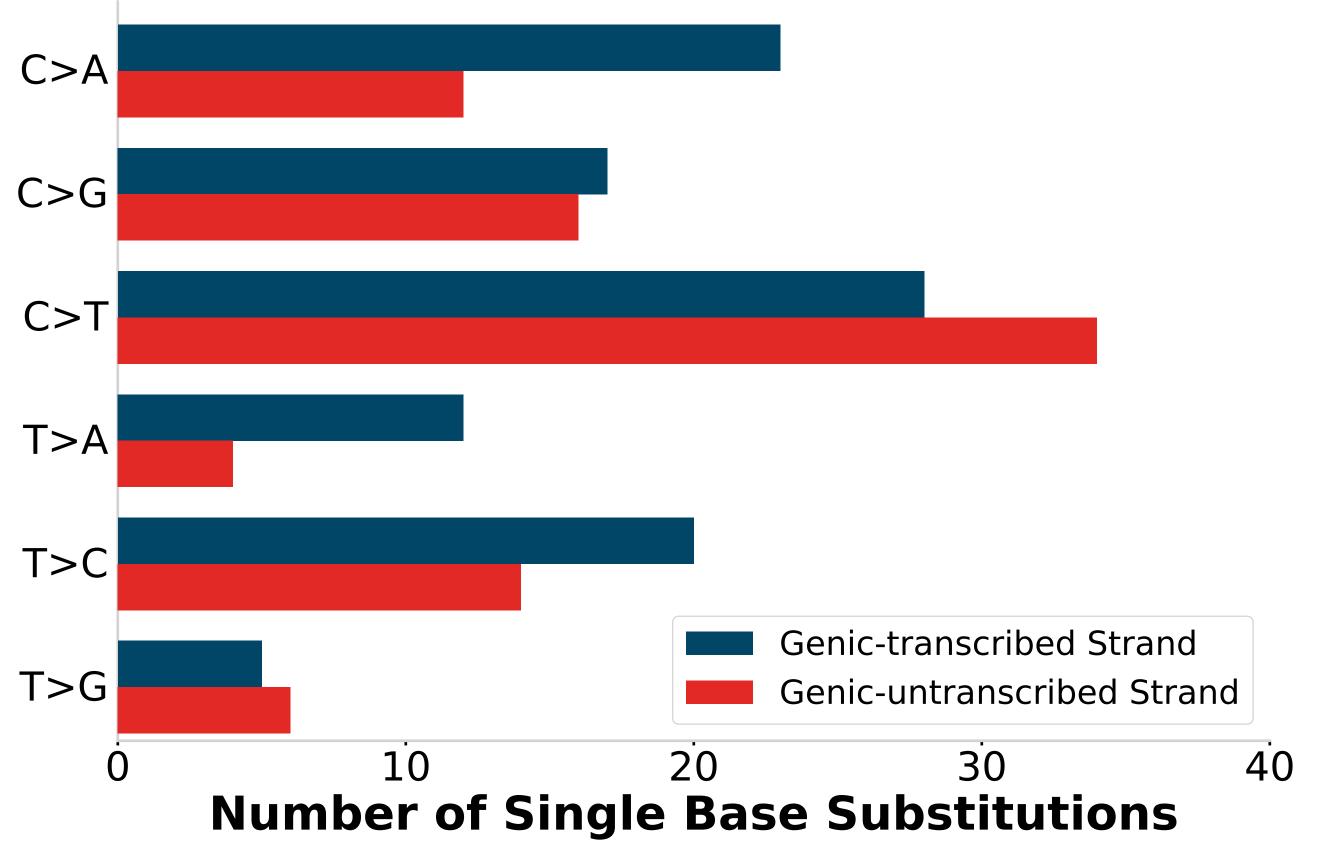
#### TCGA-K4-A83P-01A-11D-A34U-08: 224 tra



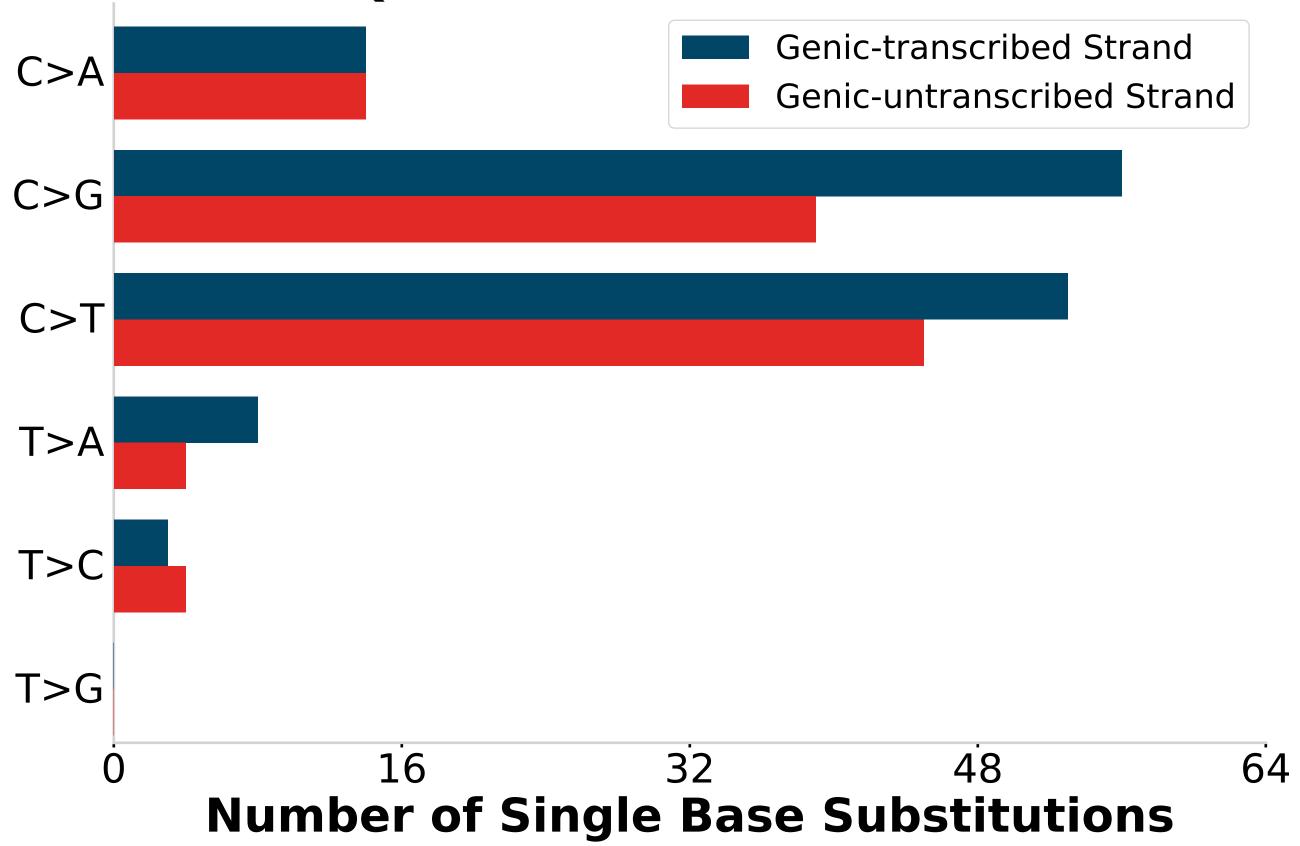
## TCGA-K4-AAQO-01A-11D-A38G-08: 218 tra



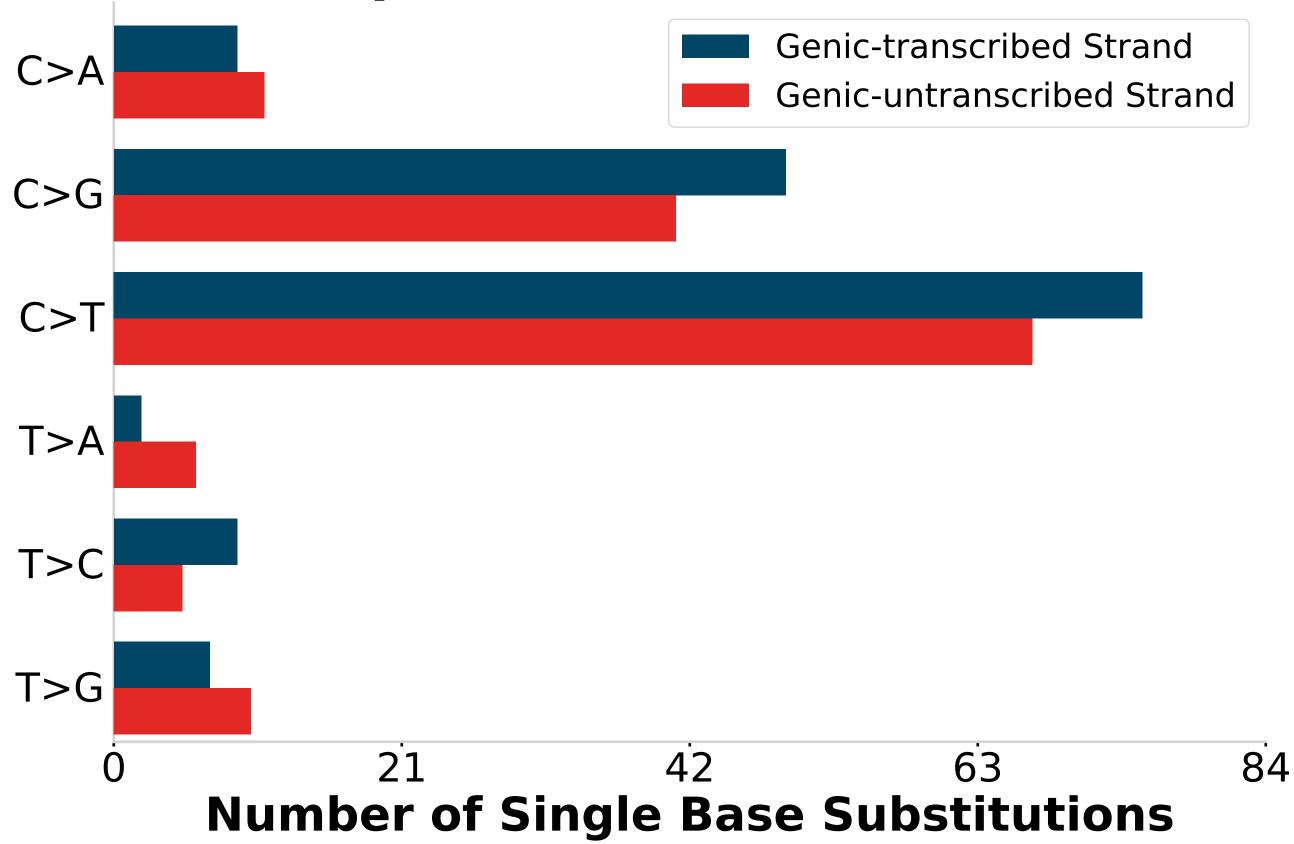
#### TCGA-KQ-A41N-01A-11D-A339-08: 191 tra



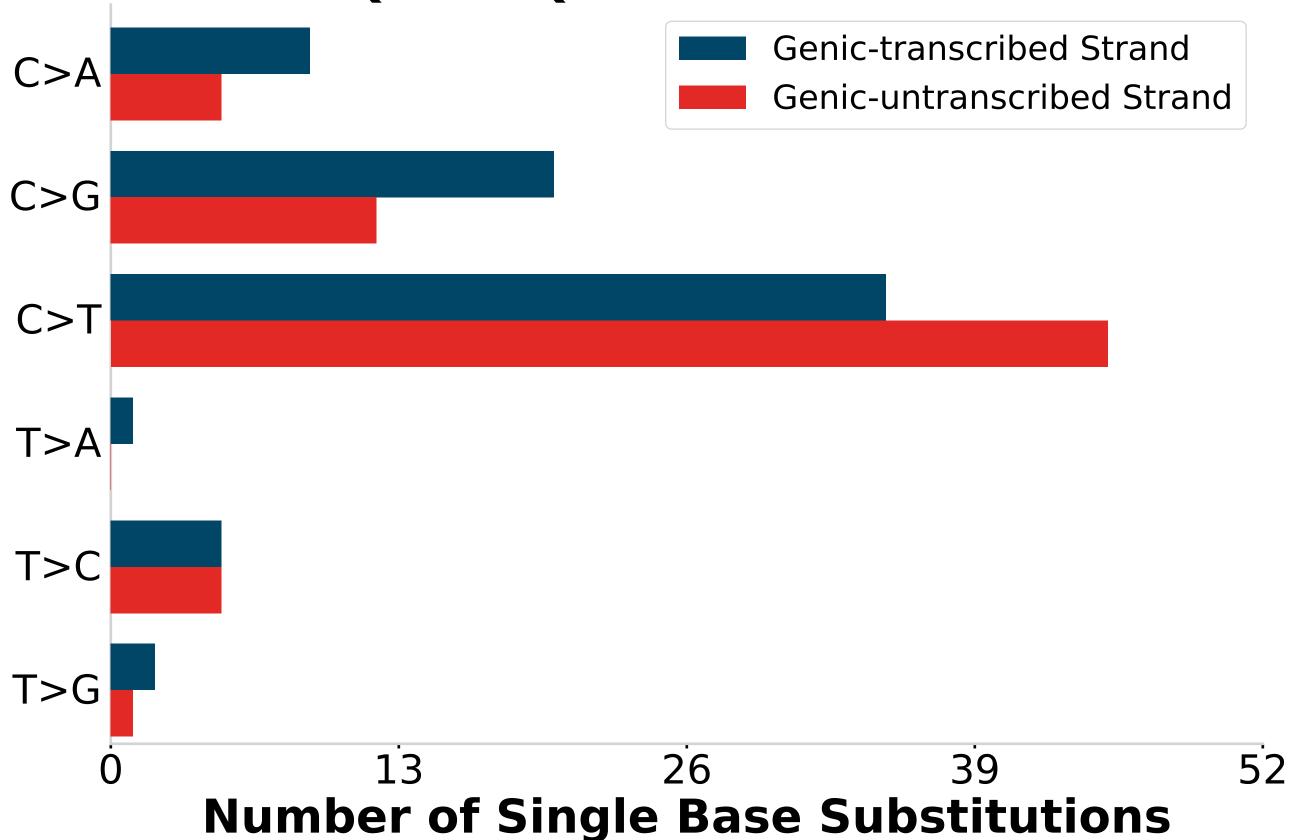
## TCGA-KQ-A410-01A-12D-A34U-08: 240 tra



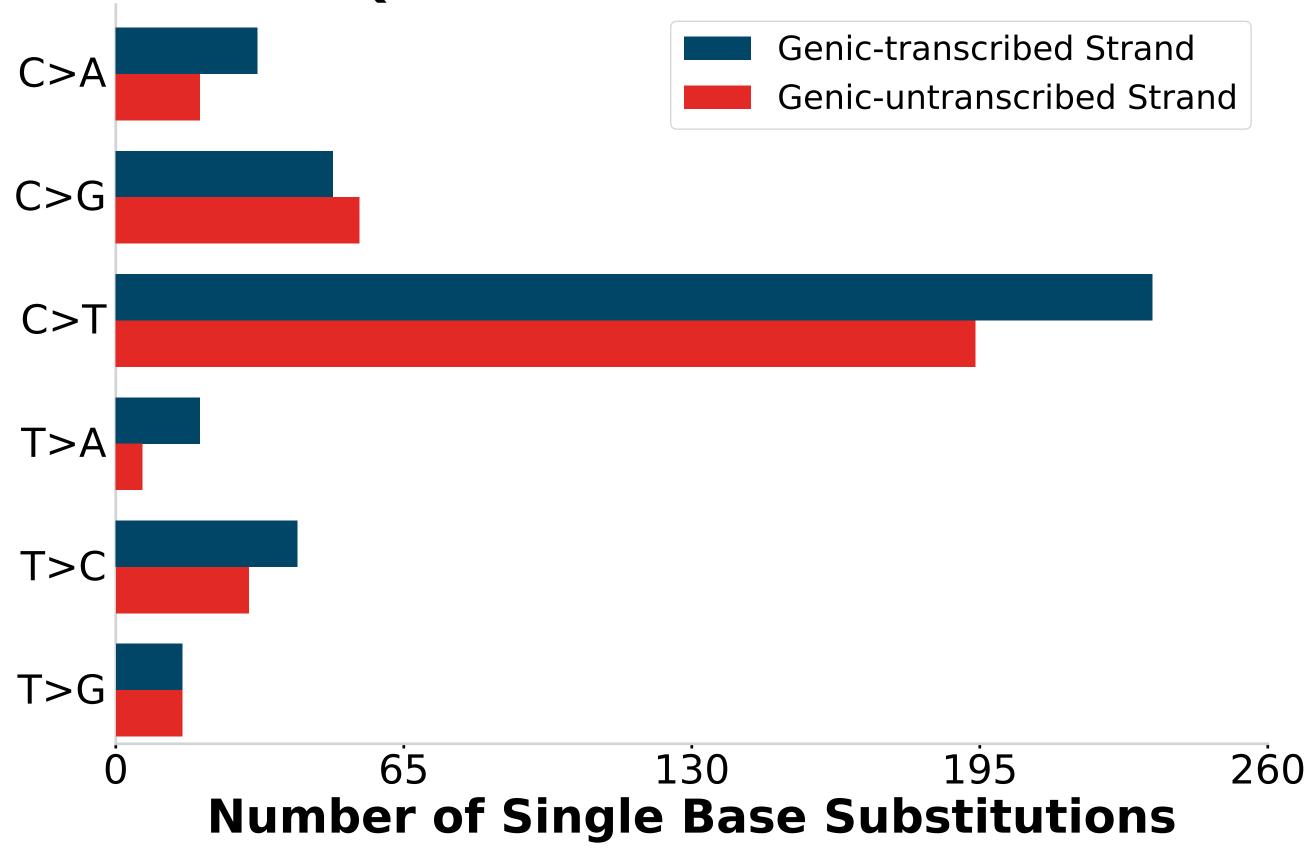
# TCGA-KQ-A41P-01A-12D-A339-08: 291 tra



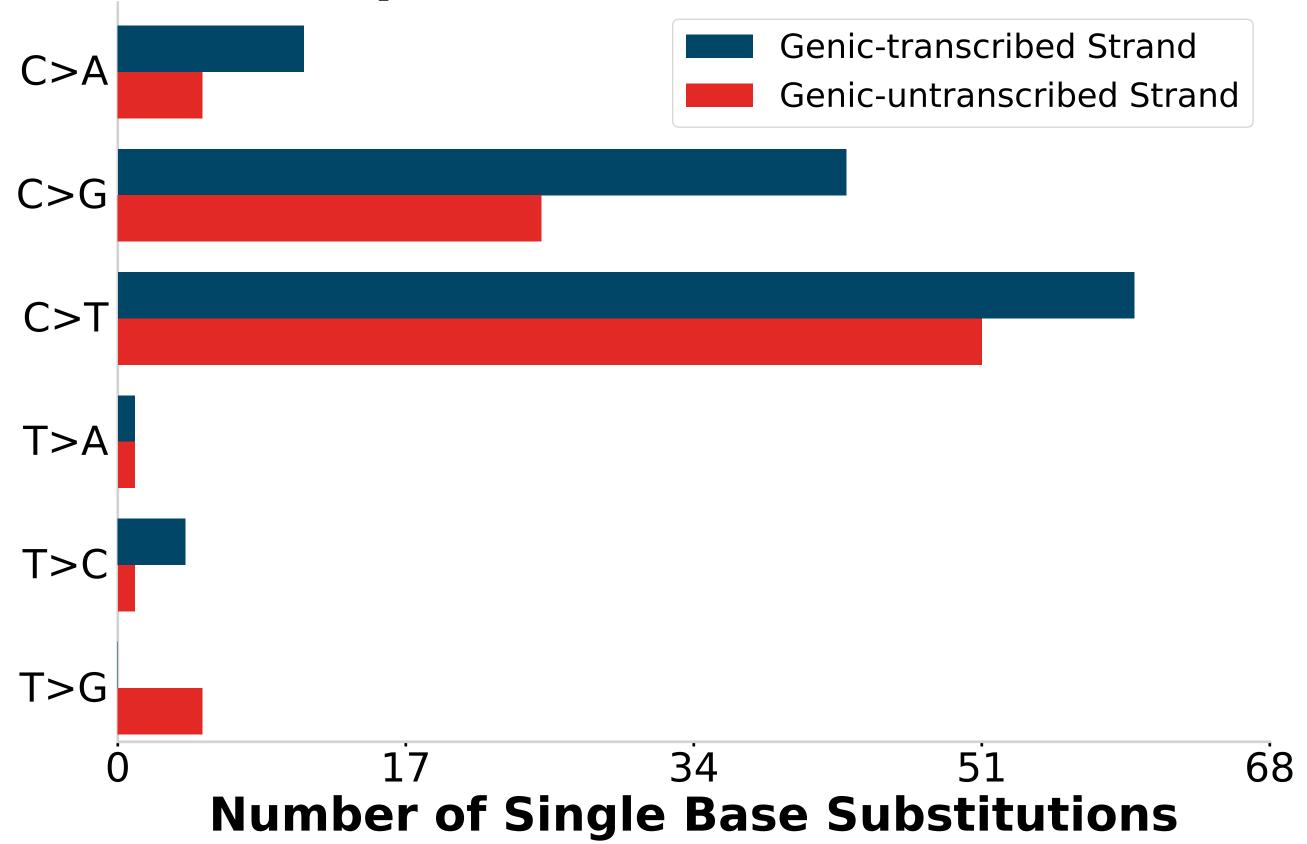
# TCGA-KQ-A41Q-01A-11D-A339-08: 140 tra



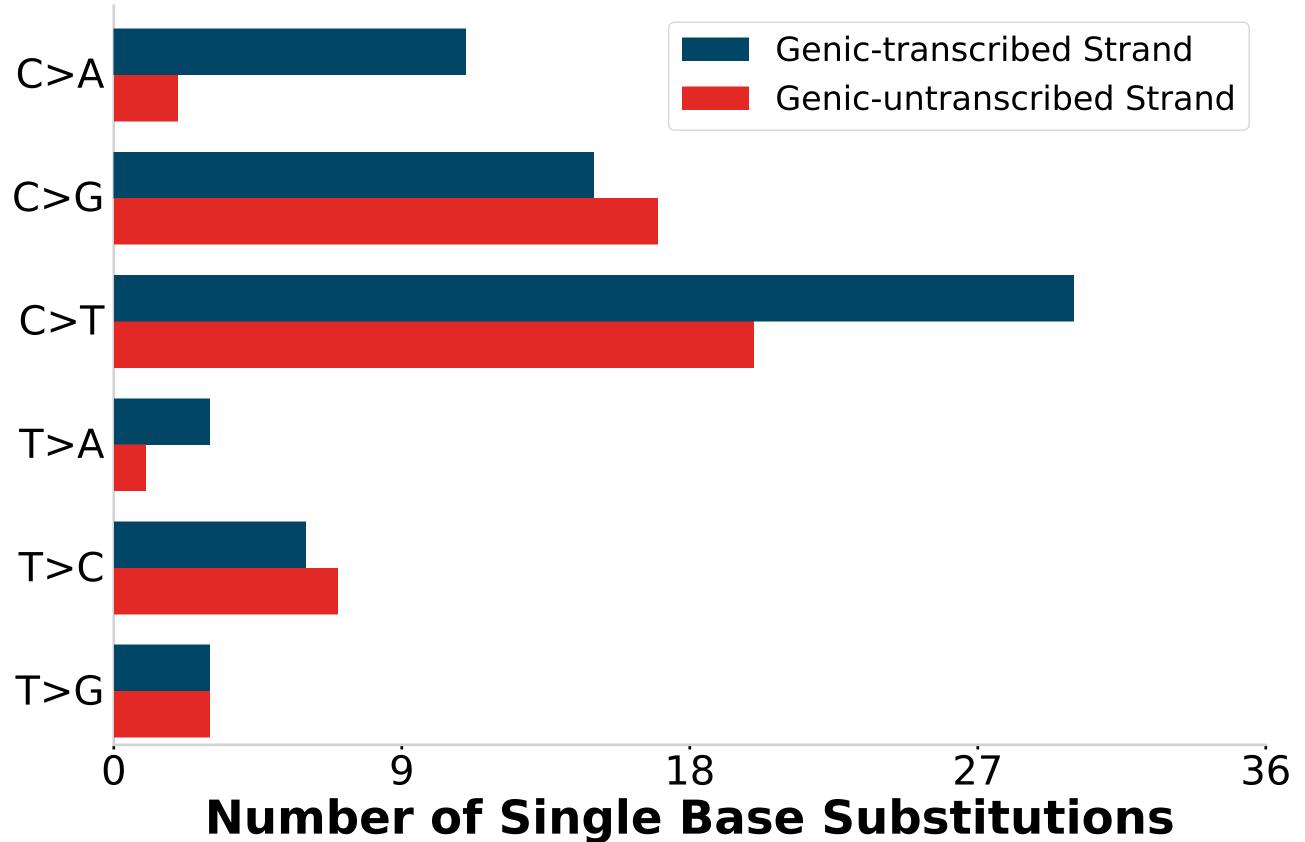
## TCGA-KQ-A41R-01A-21D-A34U-08: 709 tra



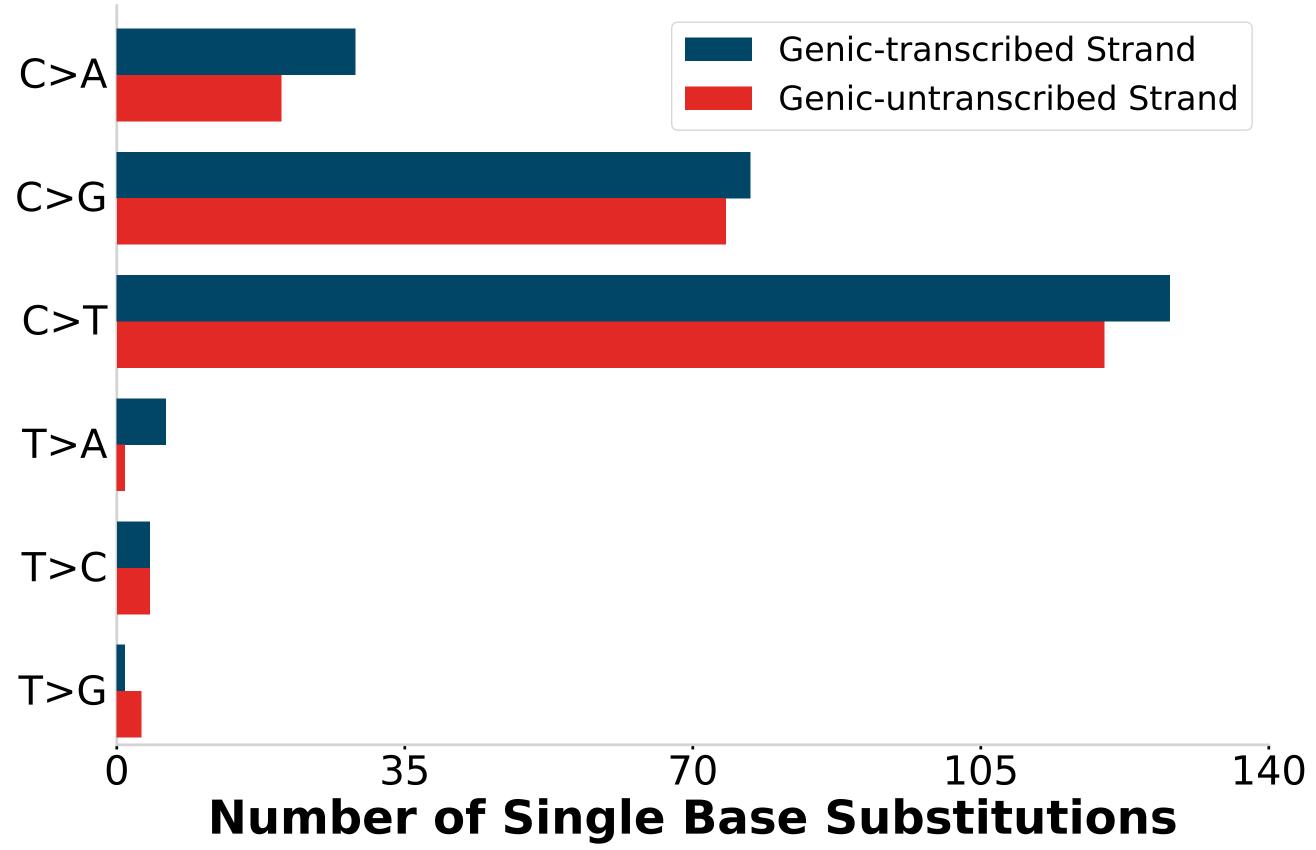
# TCGA-KQ-A41S-01A-12D-A339-08: 207 tra



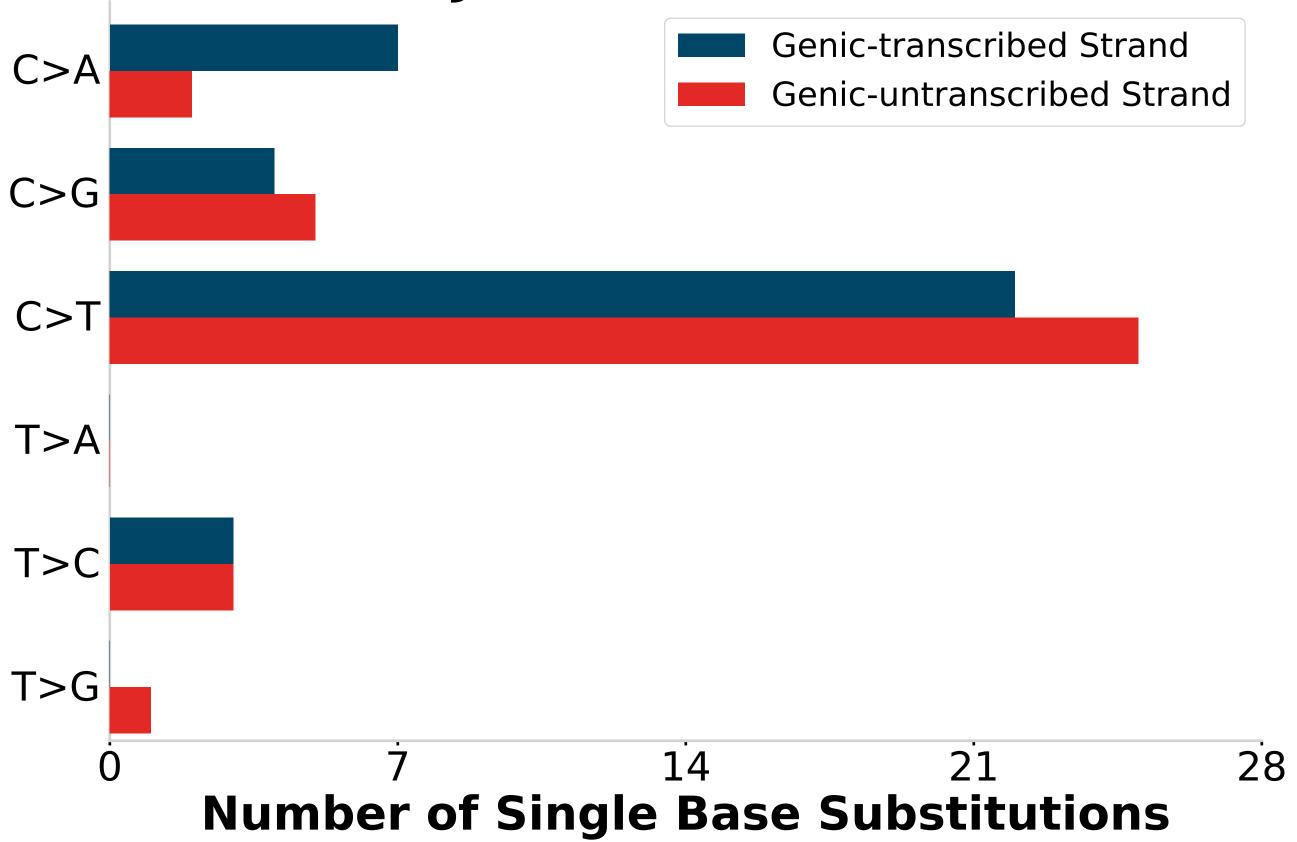
#### TCGA-LC-A66R-01A-41D-A30E-08: 118 train



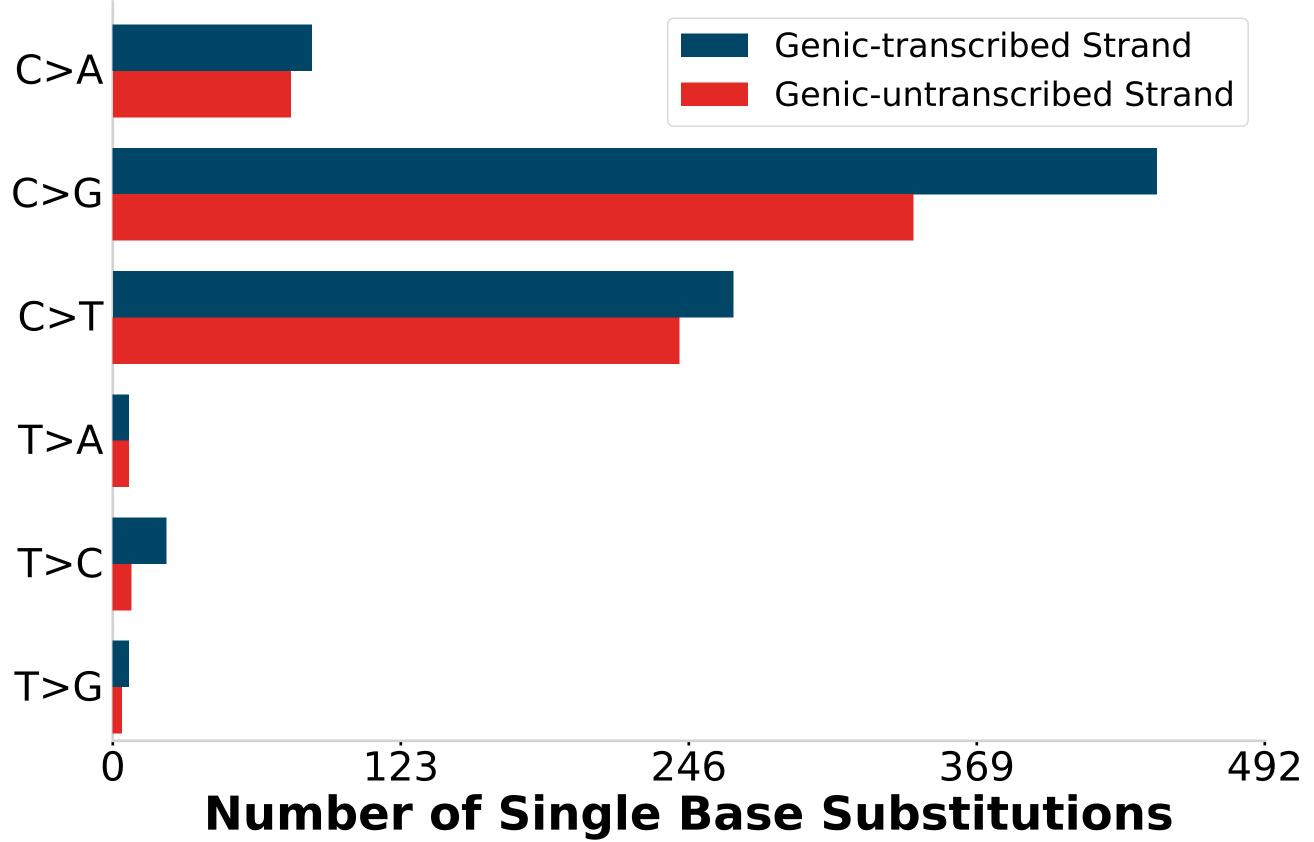
#### TCGA-LT-A5Z6-01A-11D-A289-08: 467 tran



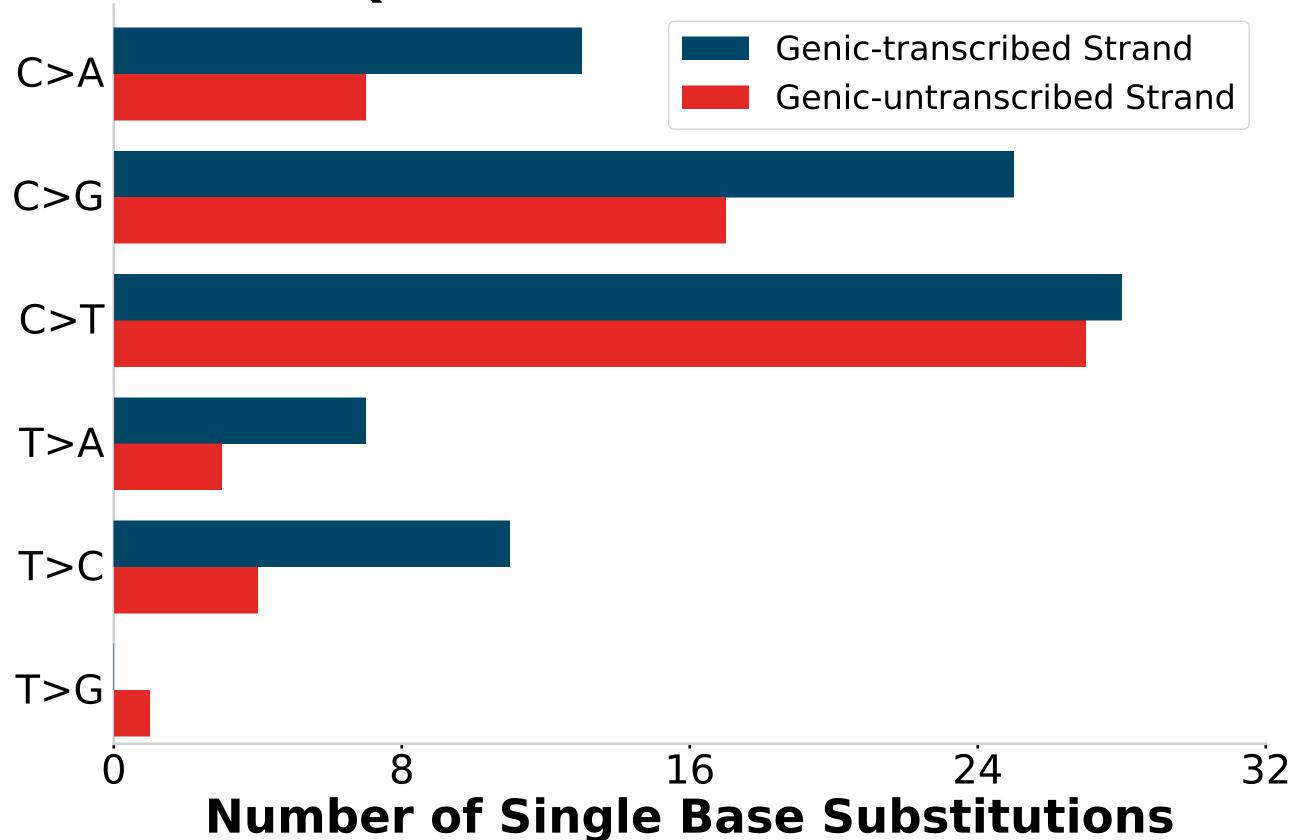
## TCGA-LT-A8JT-01A-11D-A364-08: 72 transc



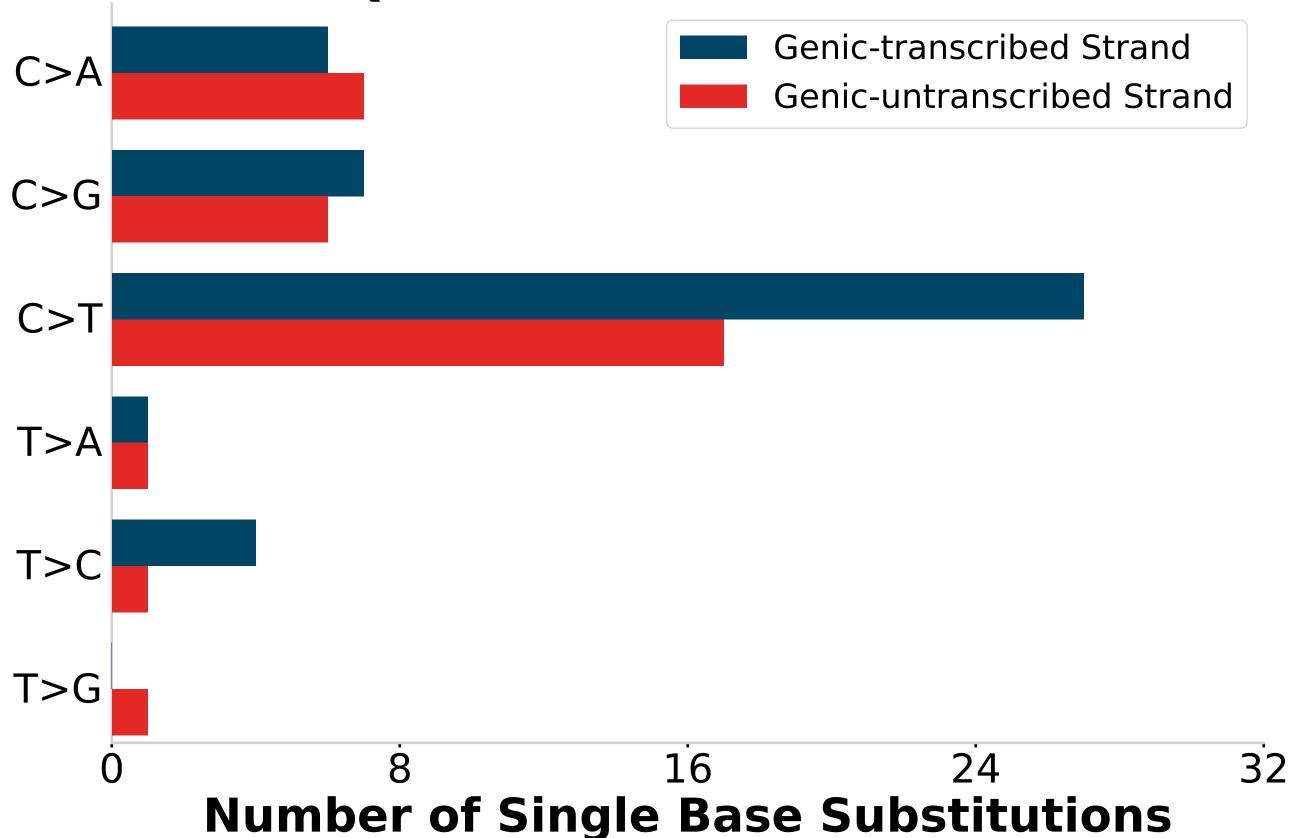
# TCGA-MV-A51V-01A-11D-A26M-08: 1,512 t



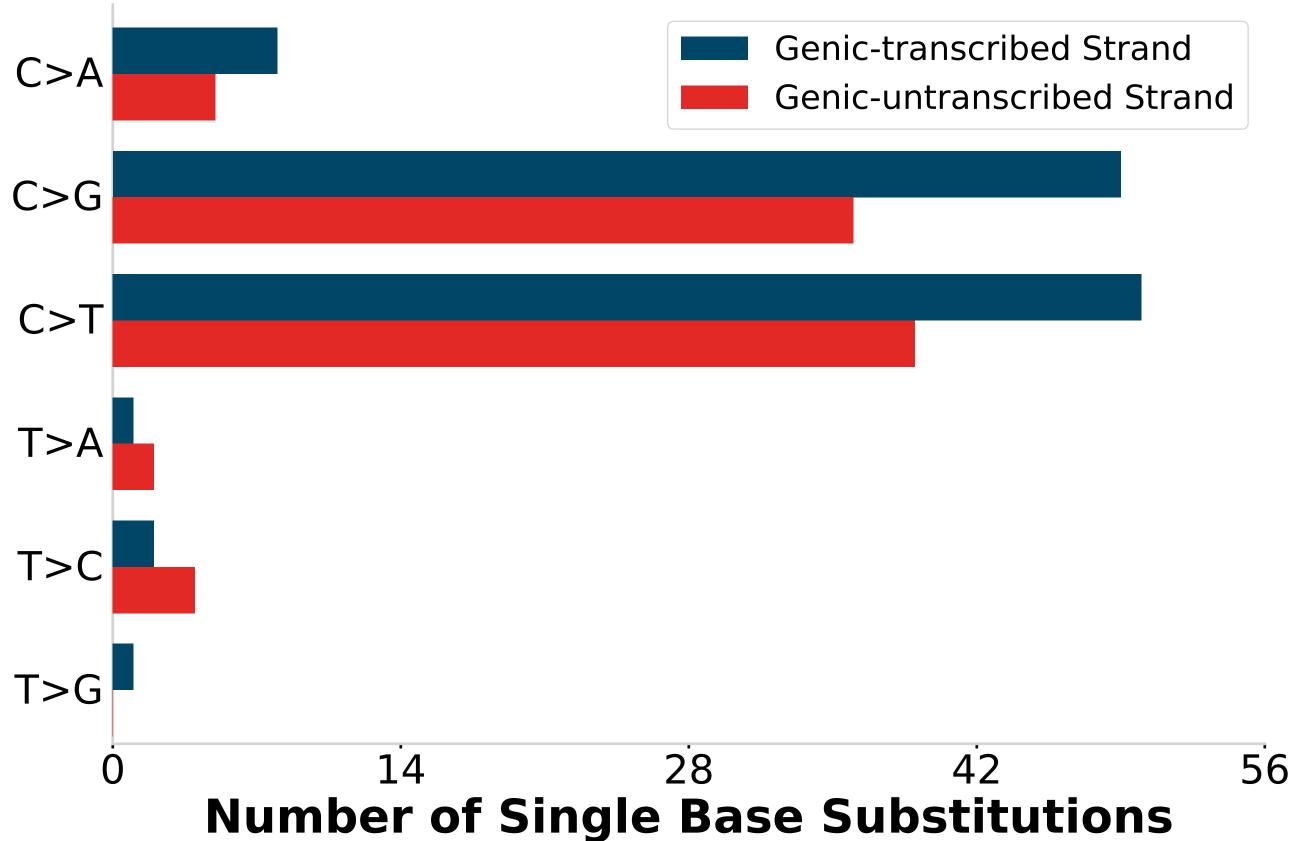
## TCGA-PQ-A6FI-01A-11D-A31L-08: 143 tran



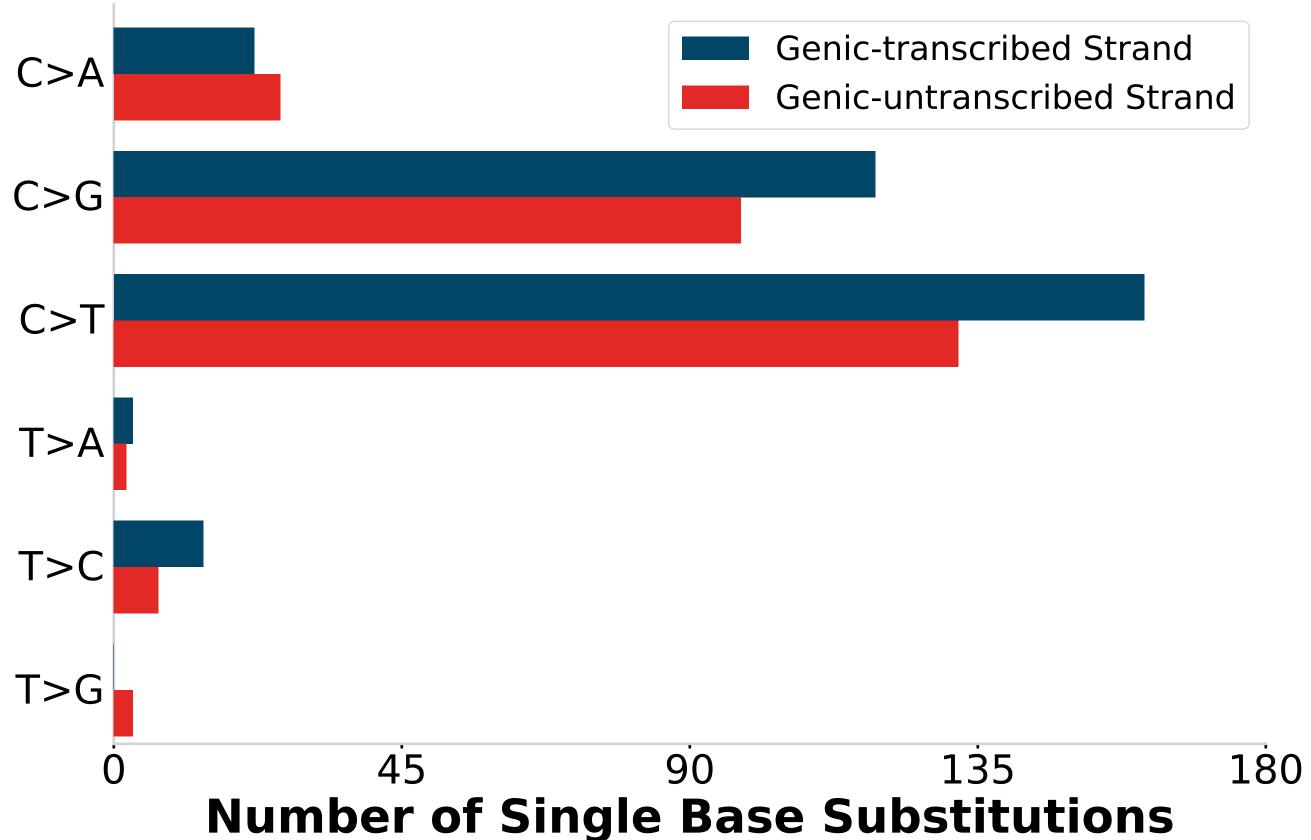
# TCGA-PQ-A6FN-01A-11D-A31L-08: 78 tran



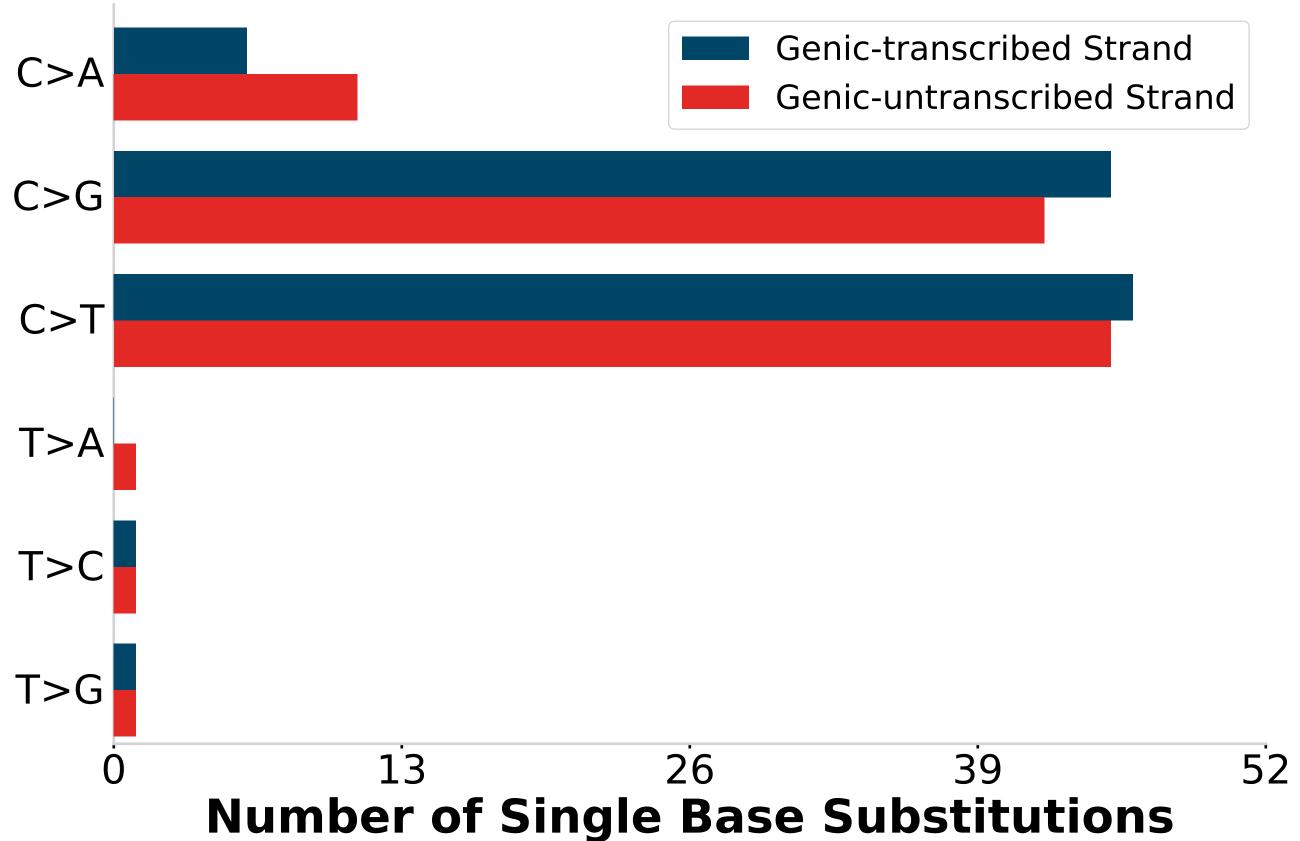
#### TCGA-R3-A69X-01A-22D-A30E-08: 197 tran



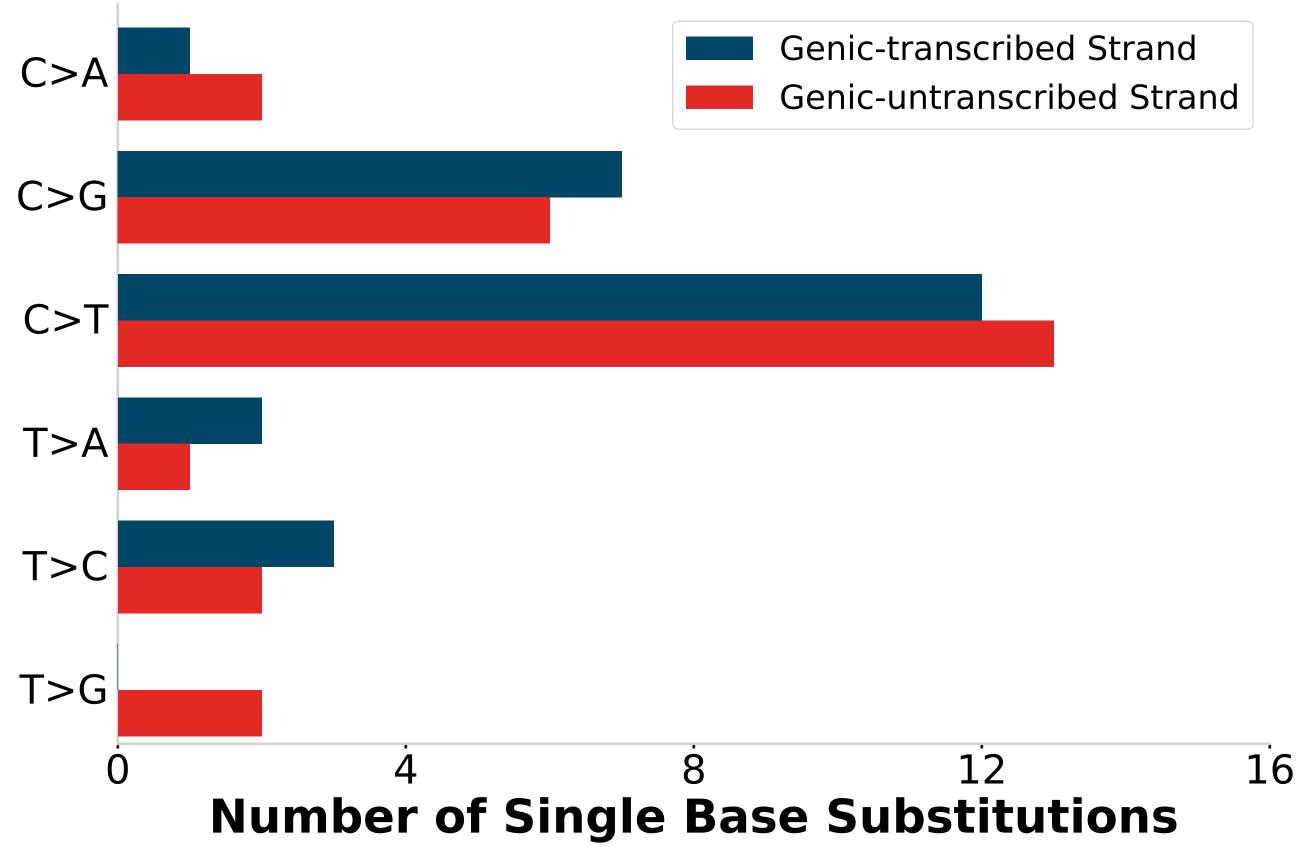
## TCGA-S5-A6DX-01A-11D-A31L-08: 587 trai



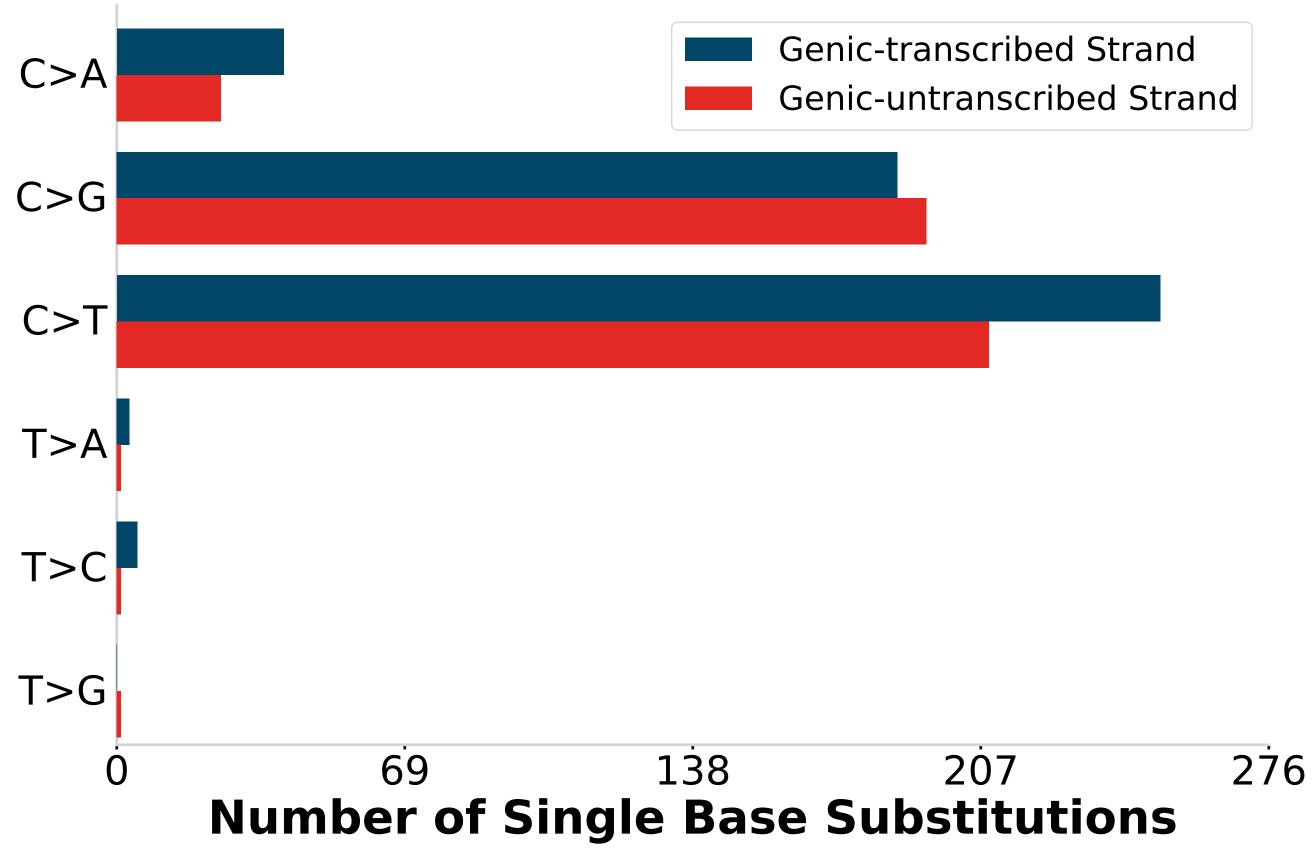
#### TCGA-S5-AA26-01A-11D-A38G-08: 200 trail



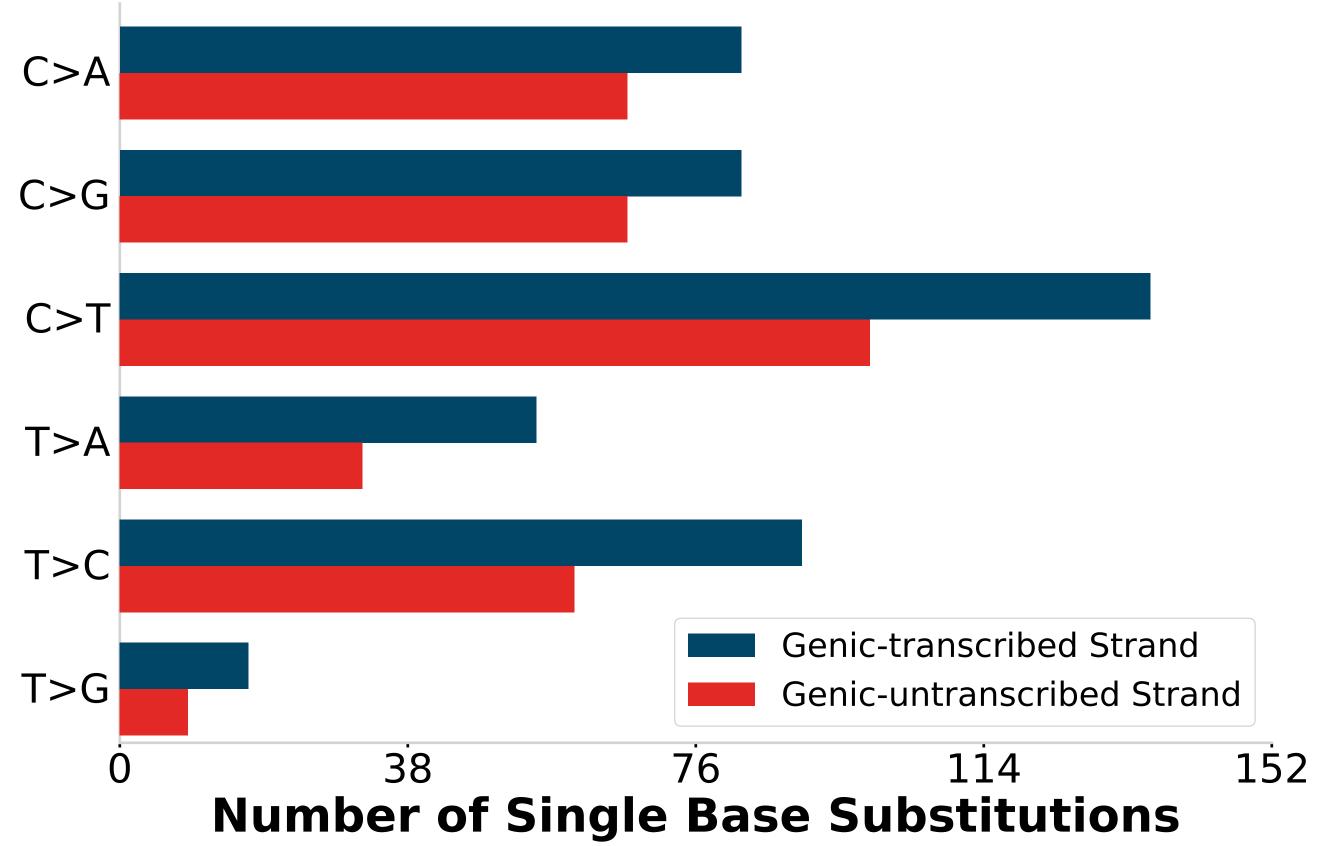
#### TCGA-SY-A9G0-01A-12D-A38G-08: 51 trans



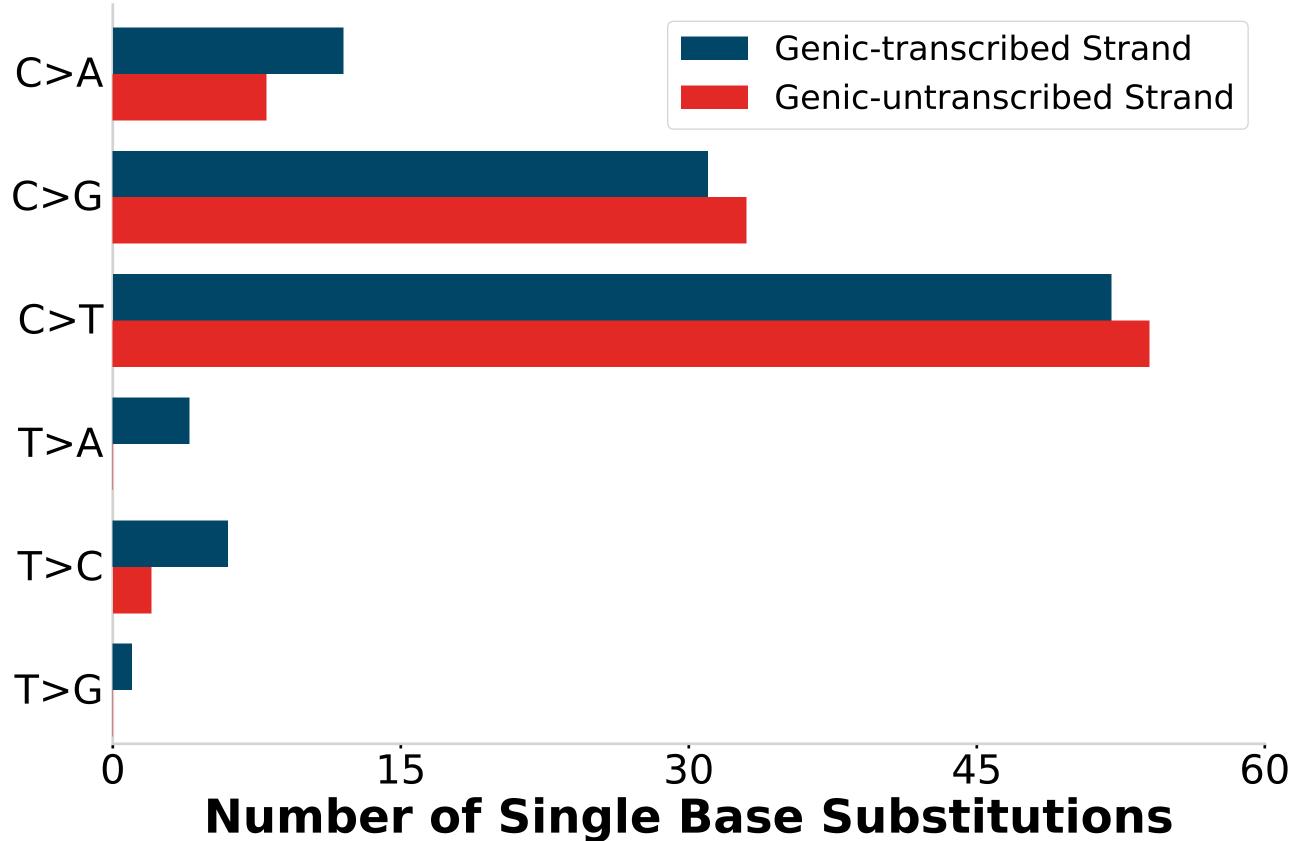
#### TCGA-SY-A9G5-01A-11D-A38G-08: 916 trail



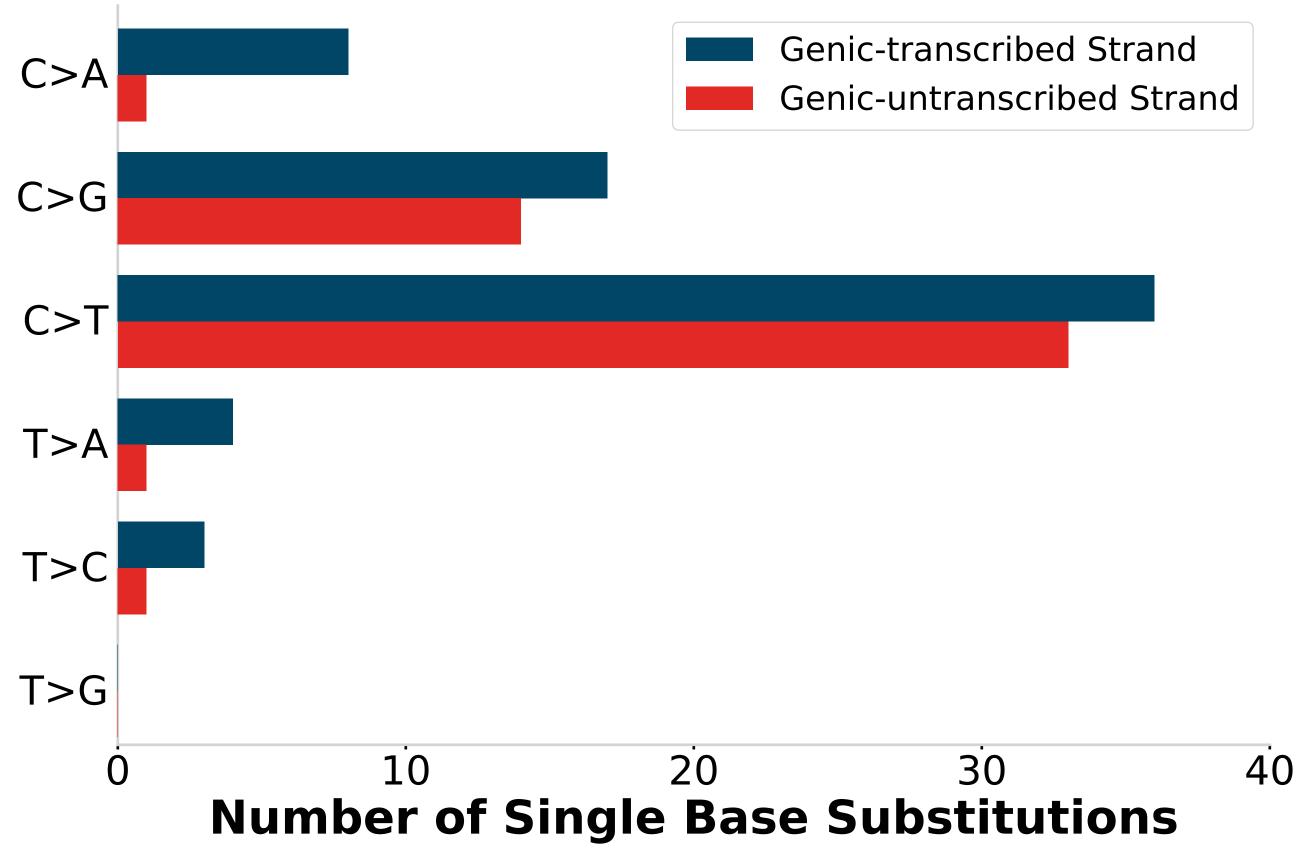
#### TCGA-UY-A78K-01A-11D-A339-08: 796 trar



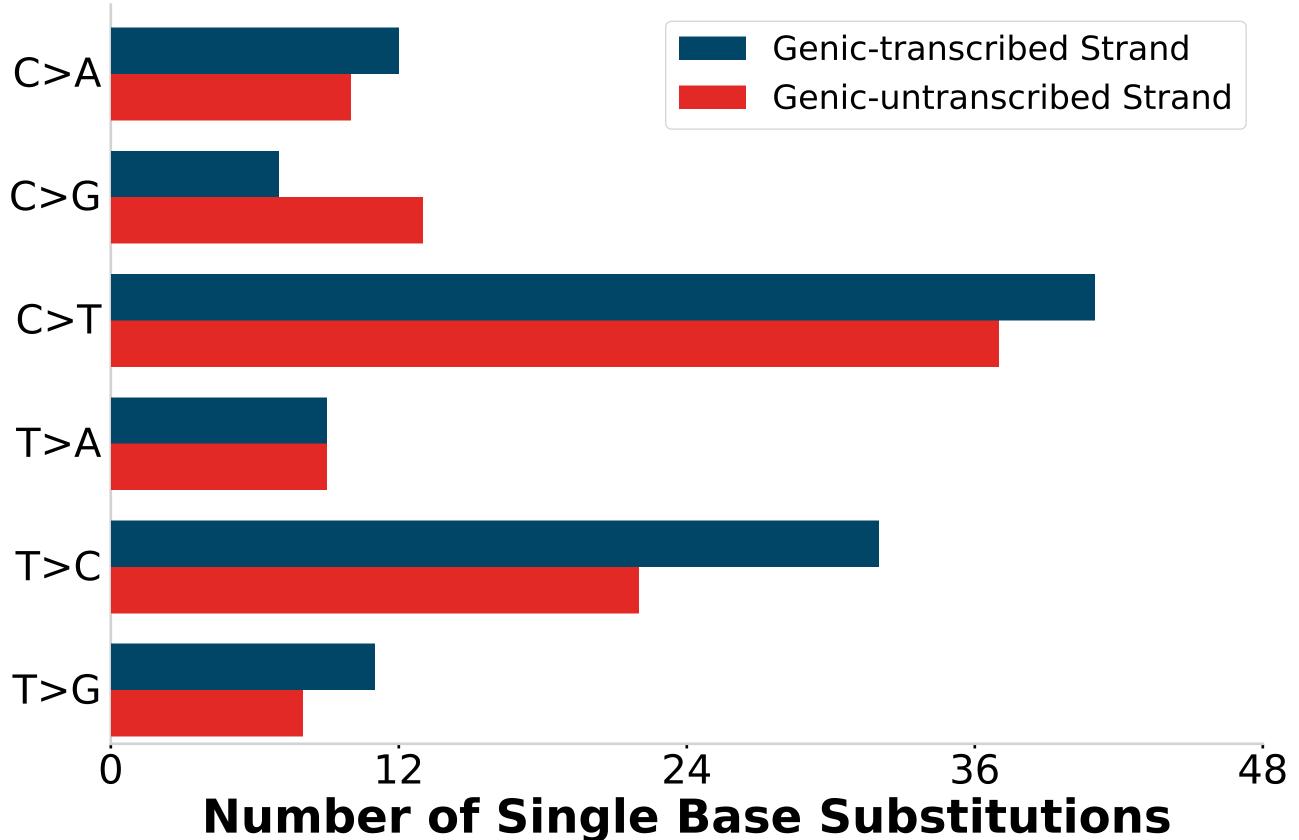
#### TCGA-UY-A78L-01A-12D-A339-08: 203 trar



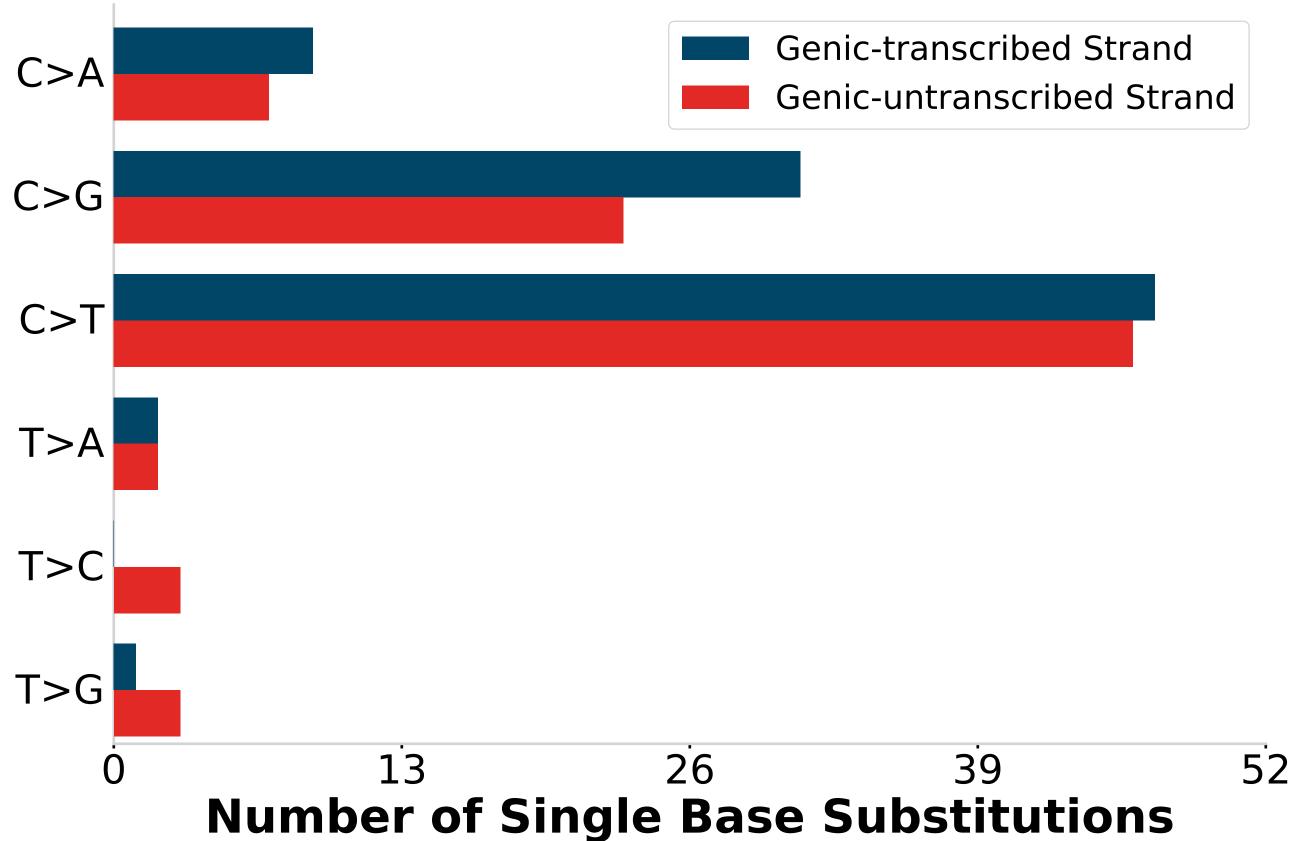
#### TCGA-UY-A78M-01A-21D-A34U-08: 118 tra



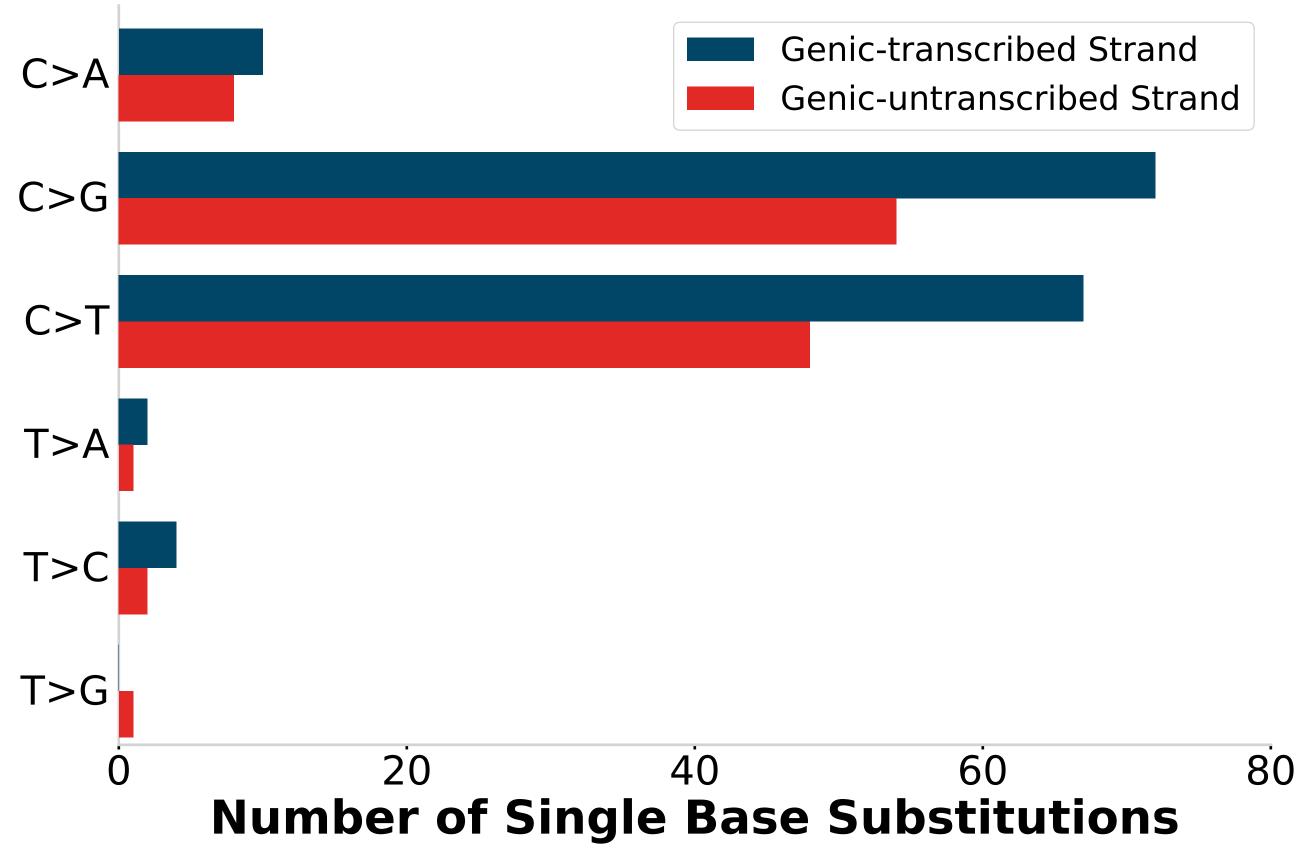
#### TCGA-UY-A78N-01A-12D-A339-08: 211 trai



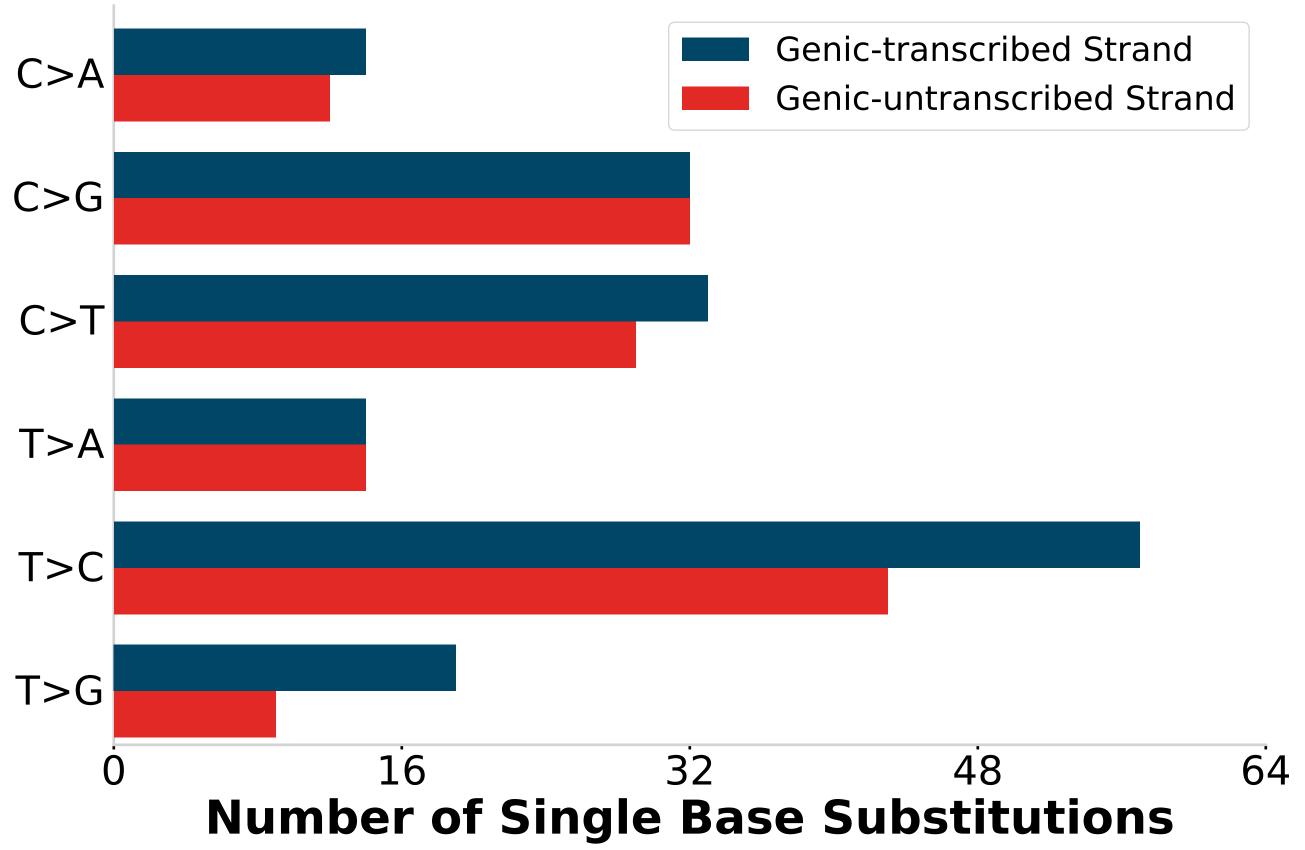
#### TCGA-UY-A780-01A-12D-A339-08: 174 trail



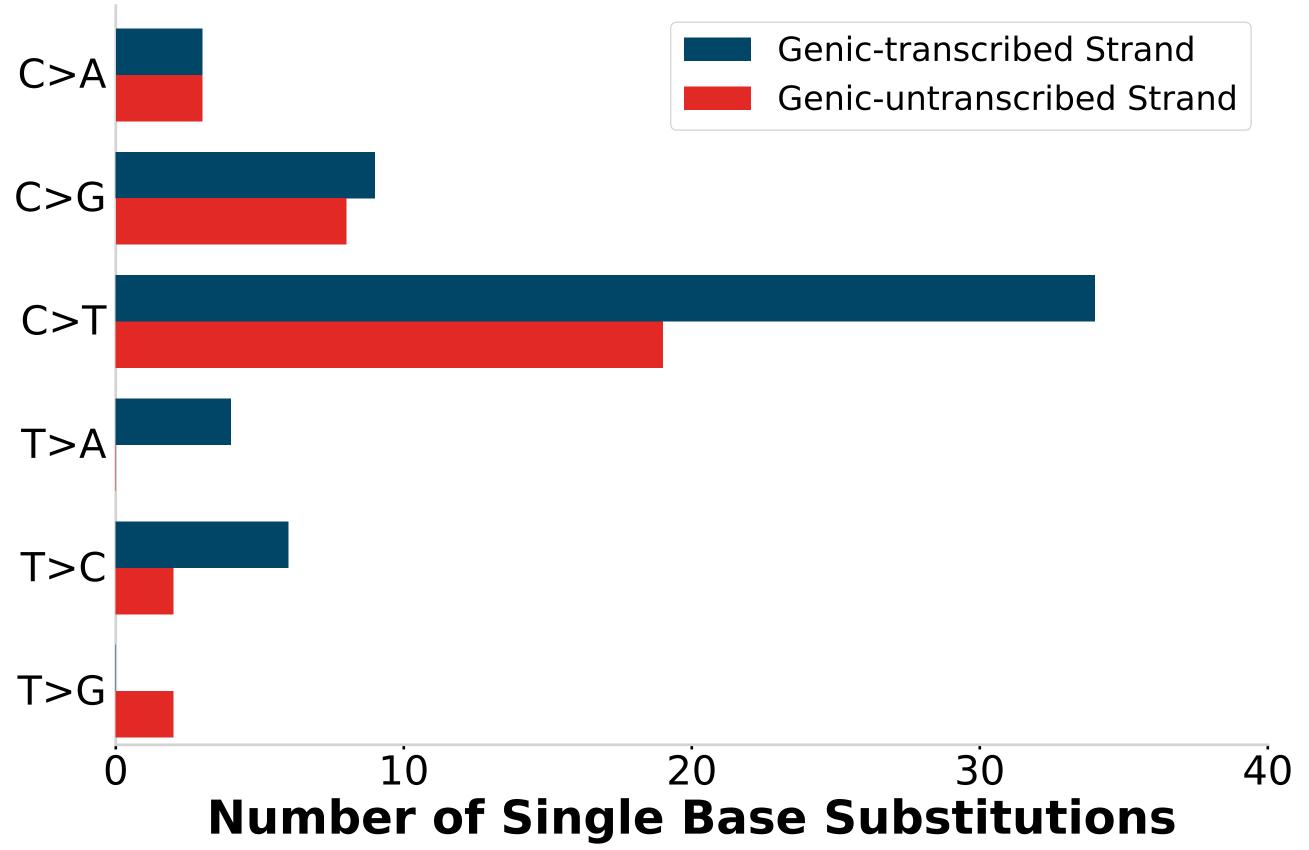
#### TCGA-UY-A78P-01A-12D-A364-08: 269 trar



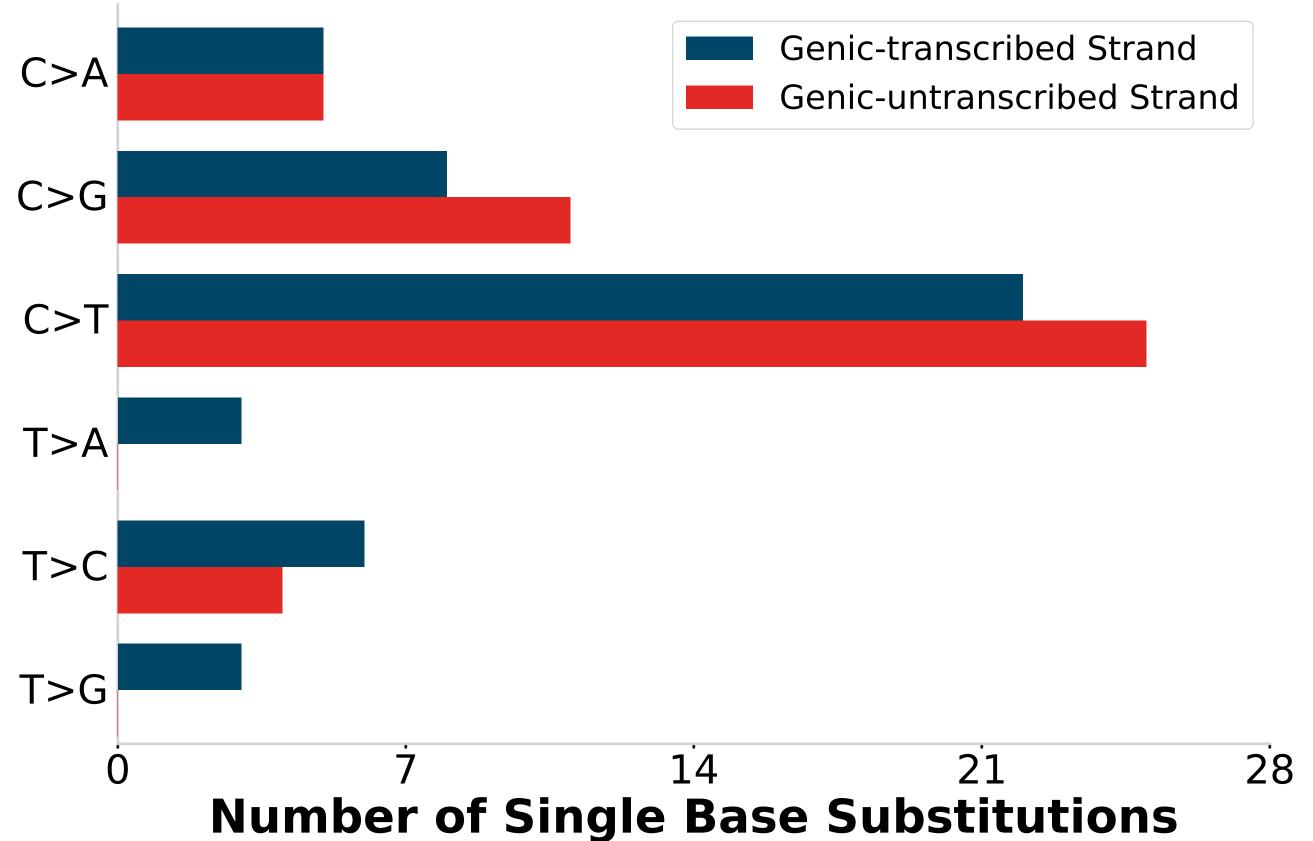
#### TCGA-UY-A80B-01A-12D-A42E-08: 308 trail



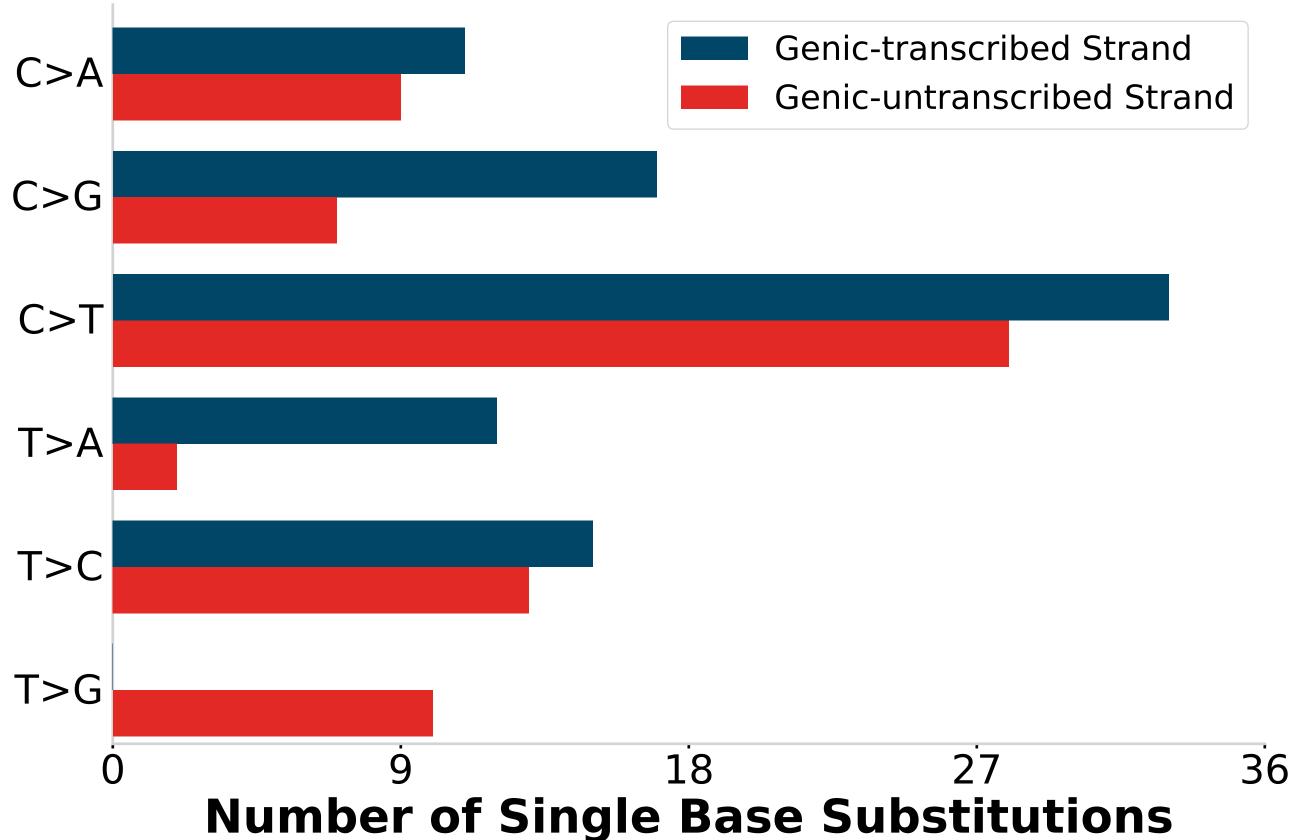
#### TCGA-UY-A80C-01A-11D-A364-08: 90 trans



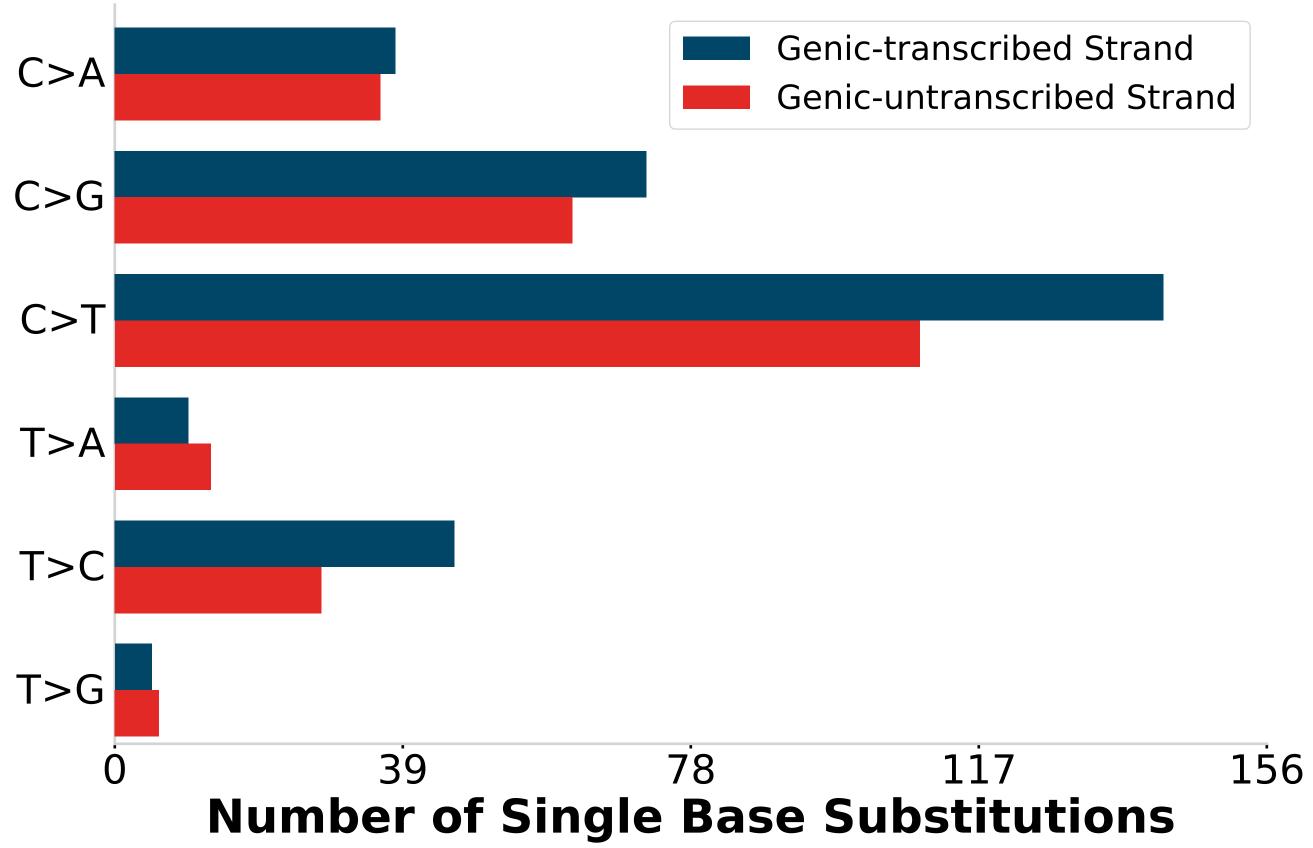
#### TCGA-UY-A80D-01A-11D-A364-08: 92 tran



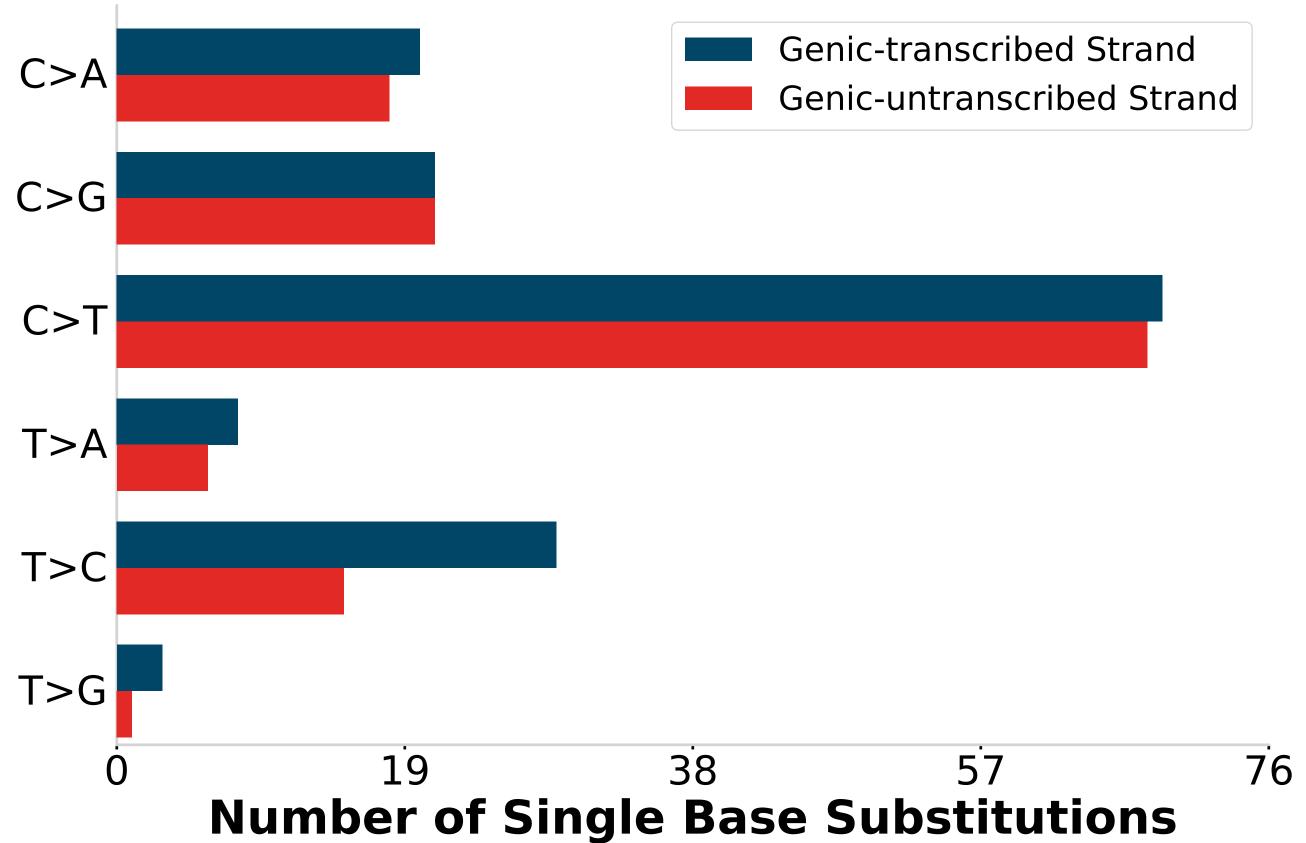
#### TCGA-UY-A9PA-01A-11D-A38G-08: 157 trail



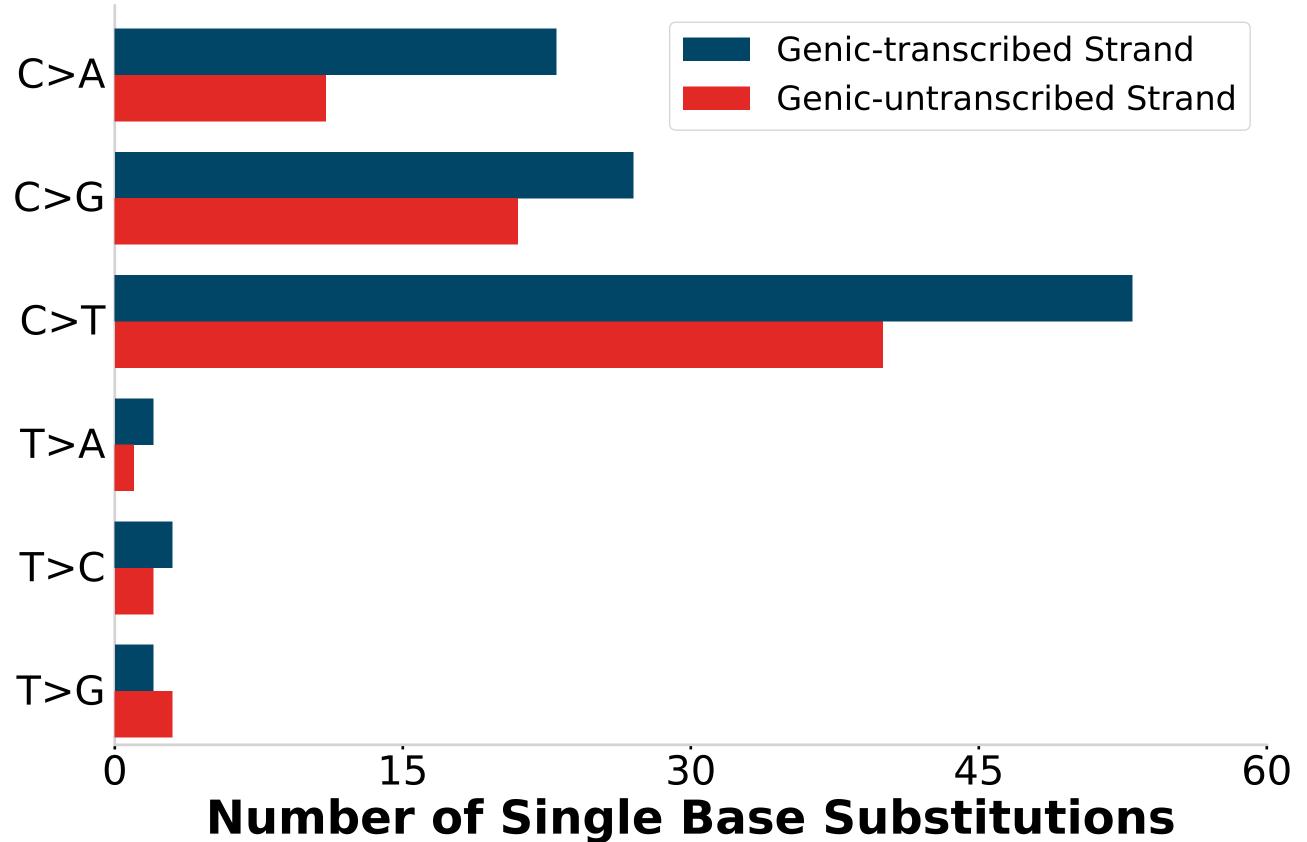
#### TCGA-UY-A9PB-01A-11D-A38G-08: 567 trail



#### TCGA-UY-A9PD-01A-11D-A38G-08: 279 tra



#### TCGA-UY-A9PE-01A-11D-A38G-08: 188 trai

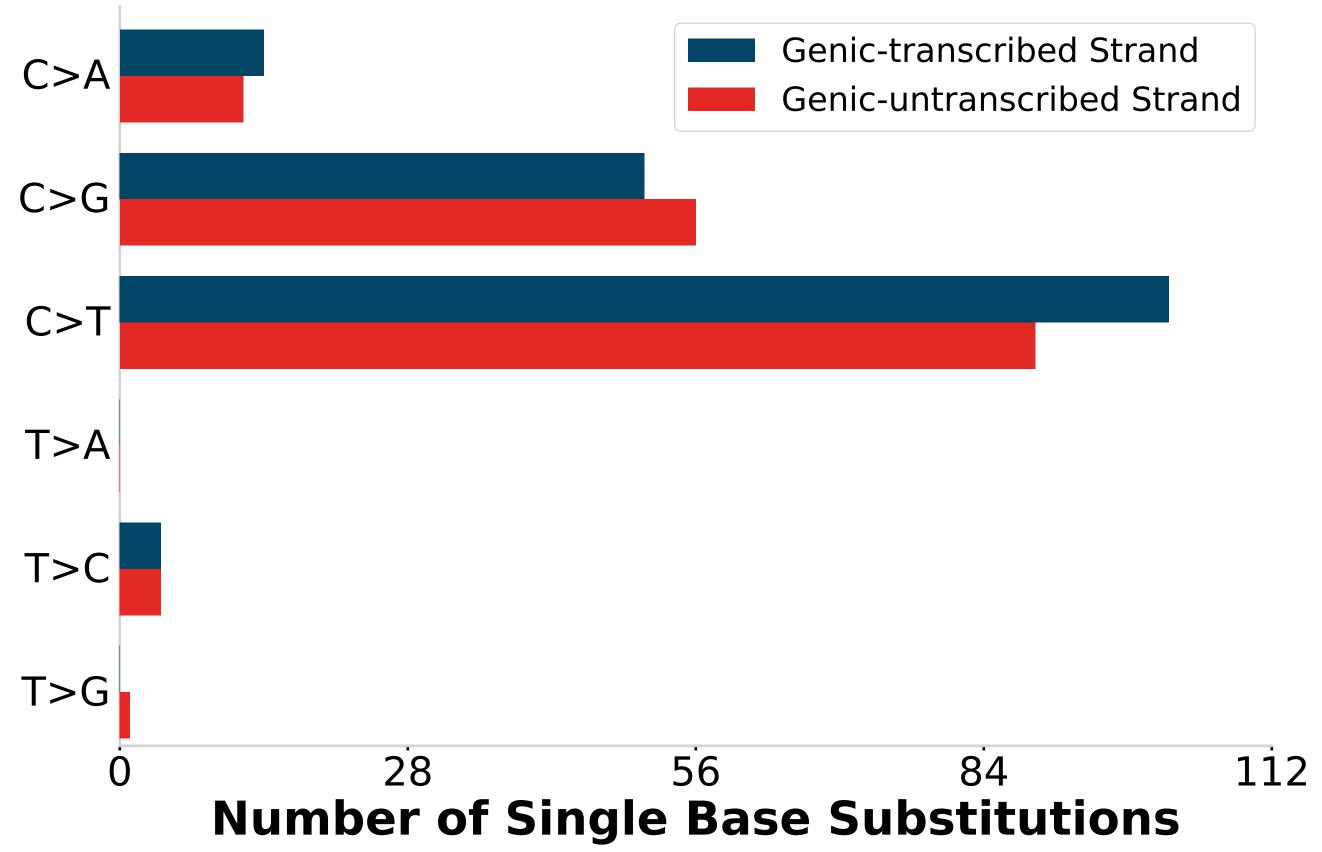


# TCGA-UY-A9PF-01A-11D-A38G-08: 403 trai Genic-transcribed Strand C>A Genic-untranscribed Strand C>G C>T T>A T>C T>G

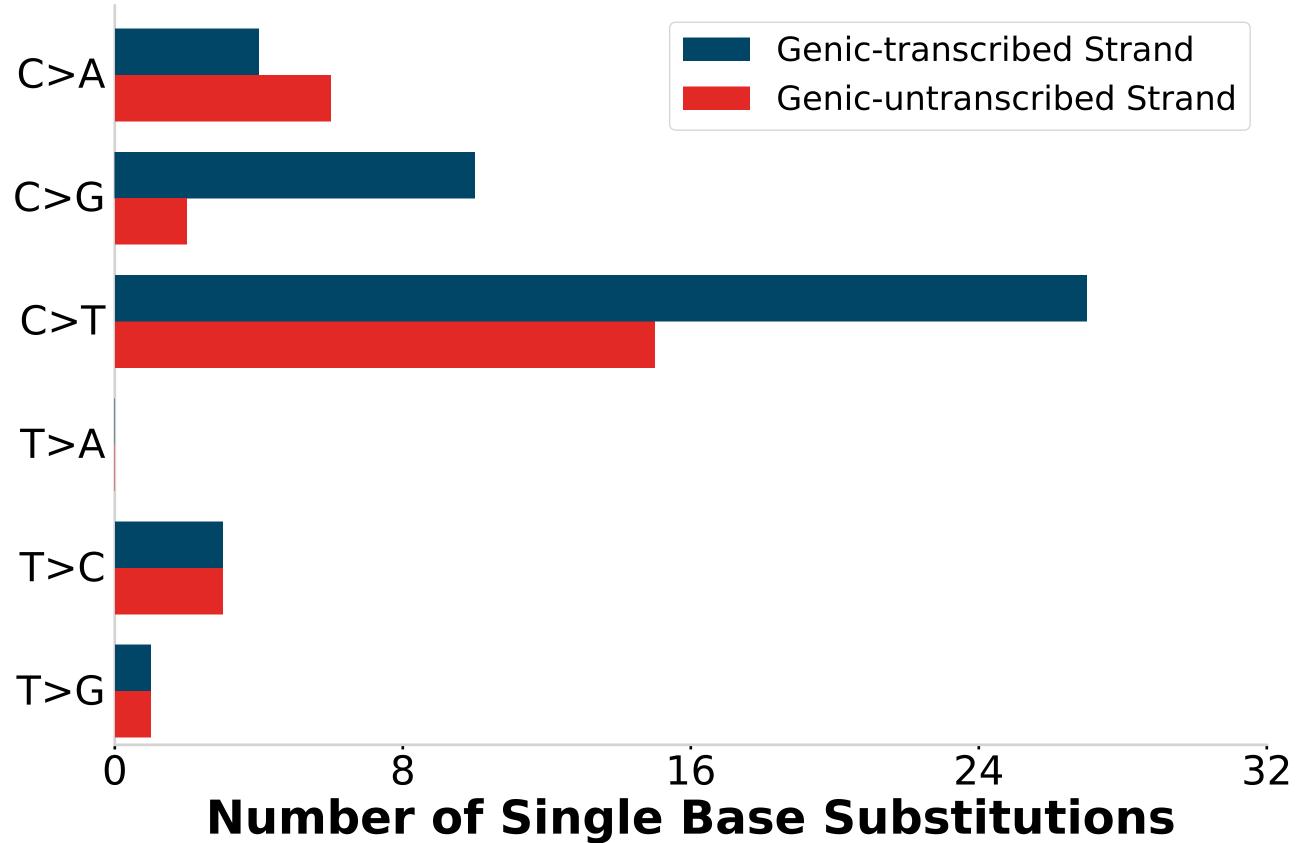
50 100 150 **Number of Single Base Substitutions** 

200

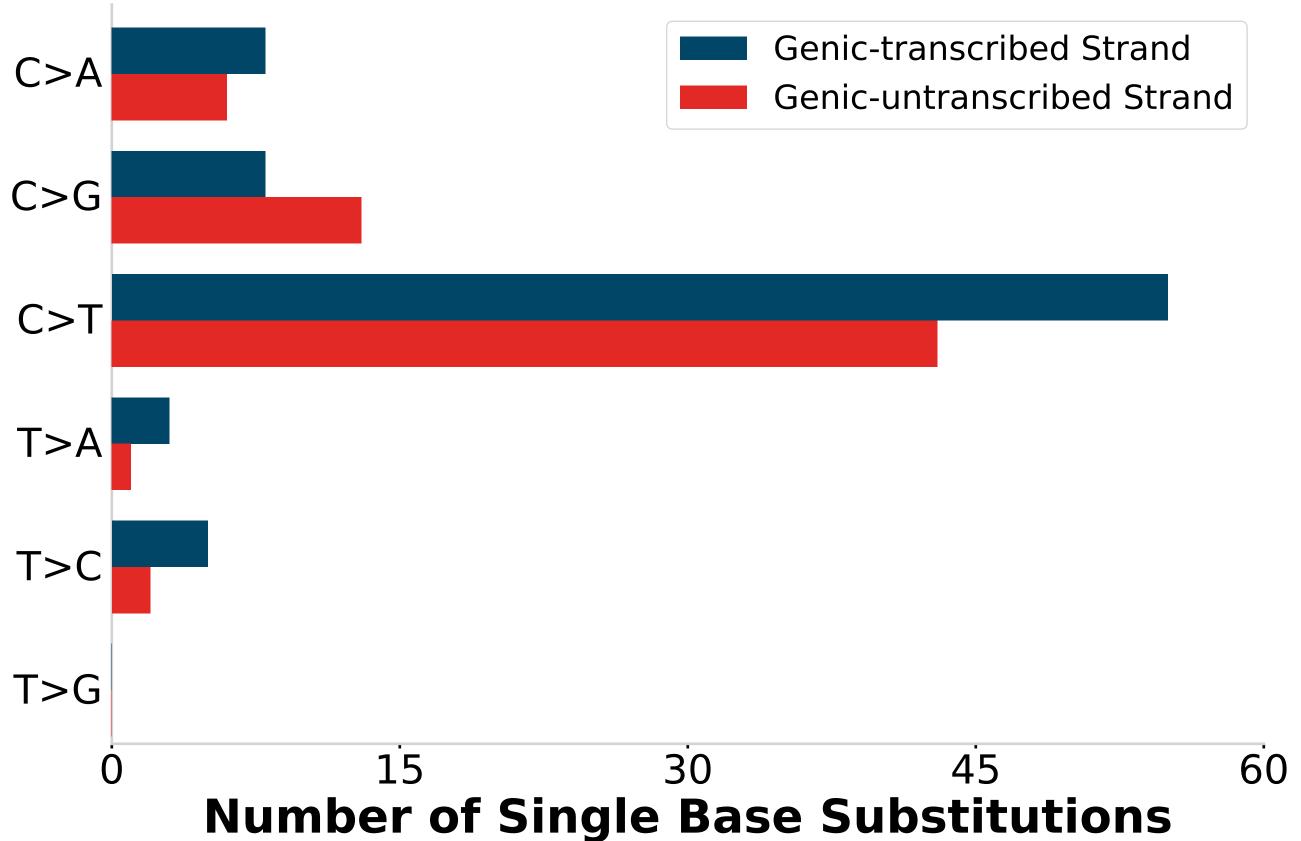
#### TCGA-UY-A9PH-01A-11D-A38G-08: 333 tra



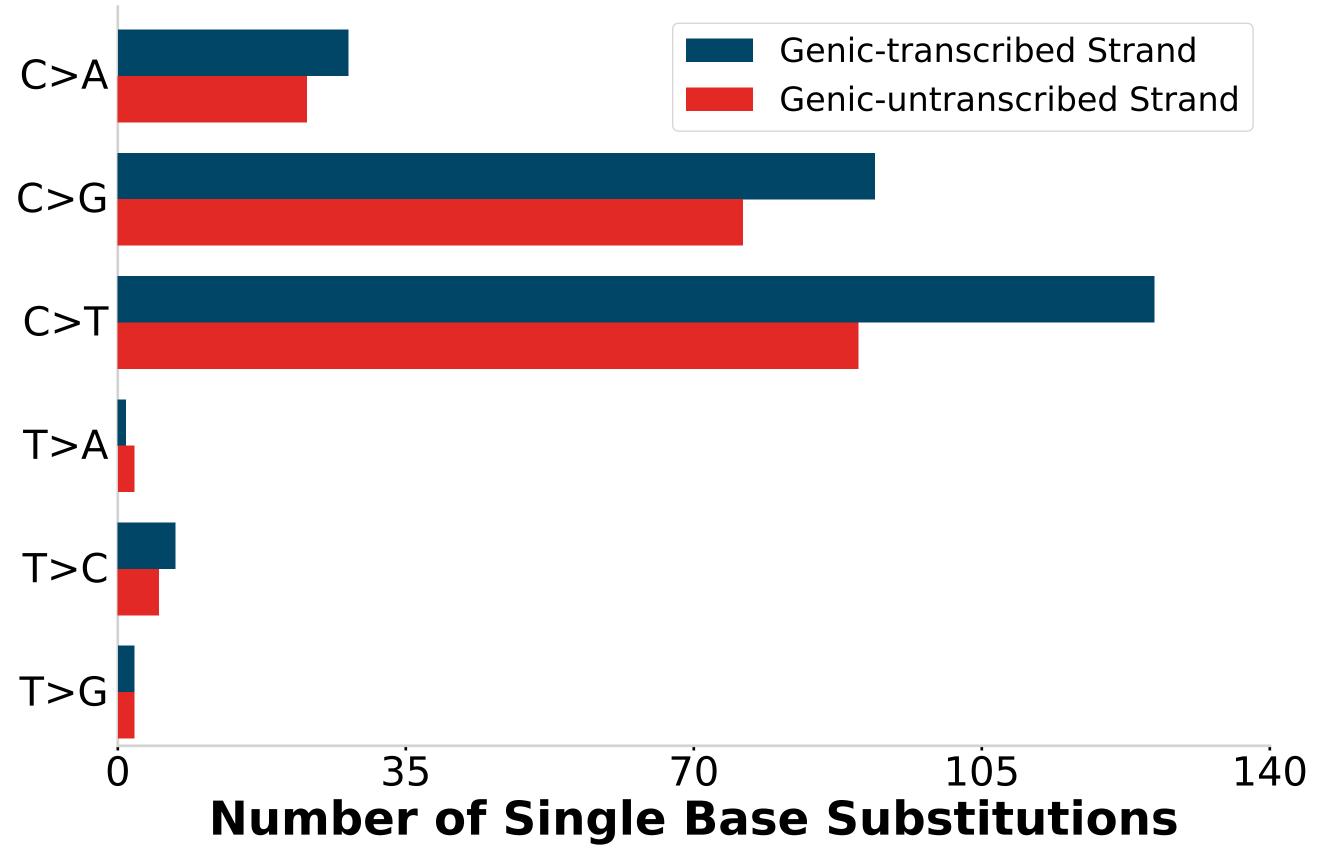
#### TCGA-XF-A8HB-01A-11D-A364-08: 72 trans



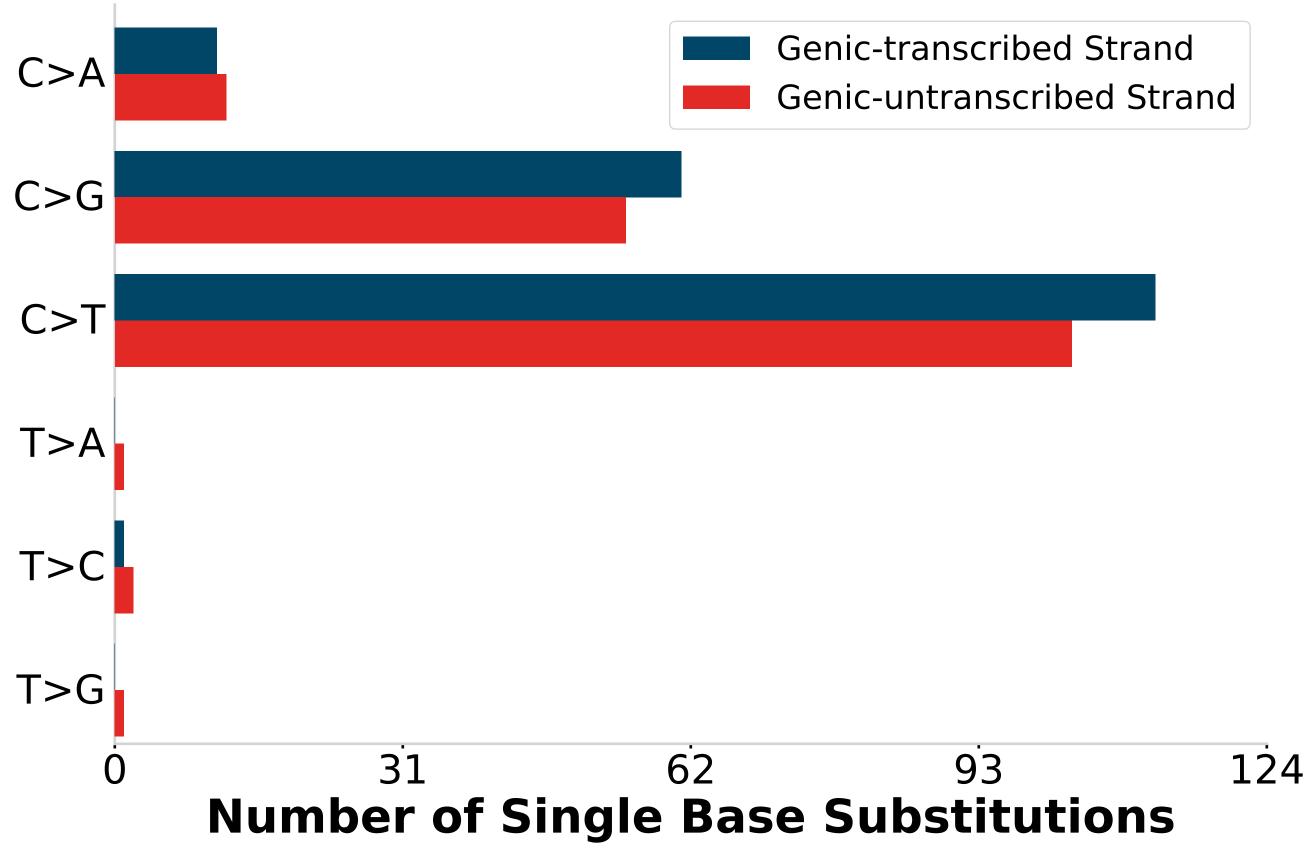
## TCGA-XF-A8HC-01A-11D-A364-08: 144 trai



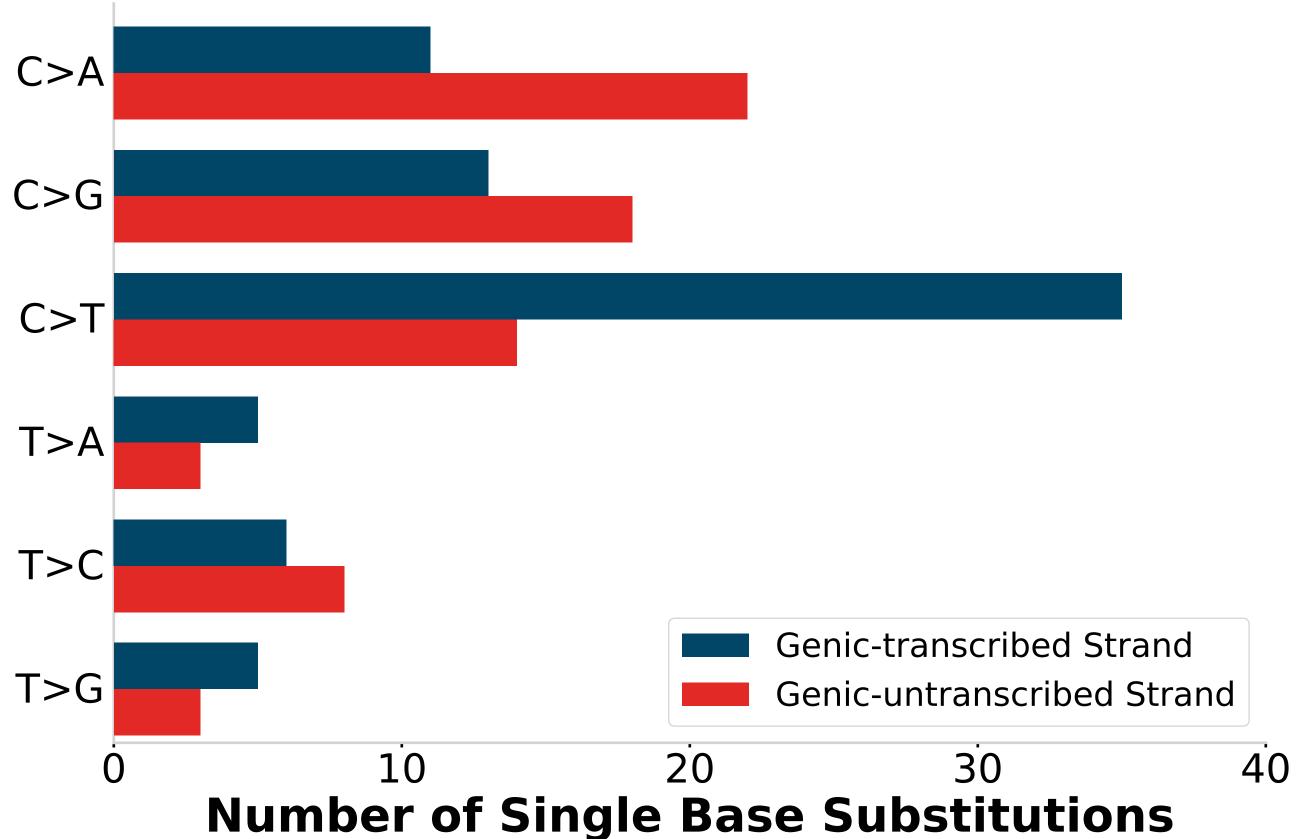
#### TCGA-XF-A8HD-01A-11D-A364-08: 454 tra



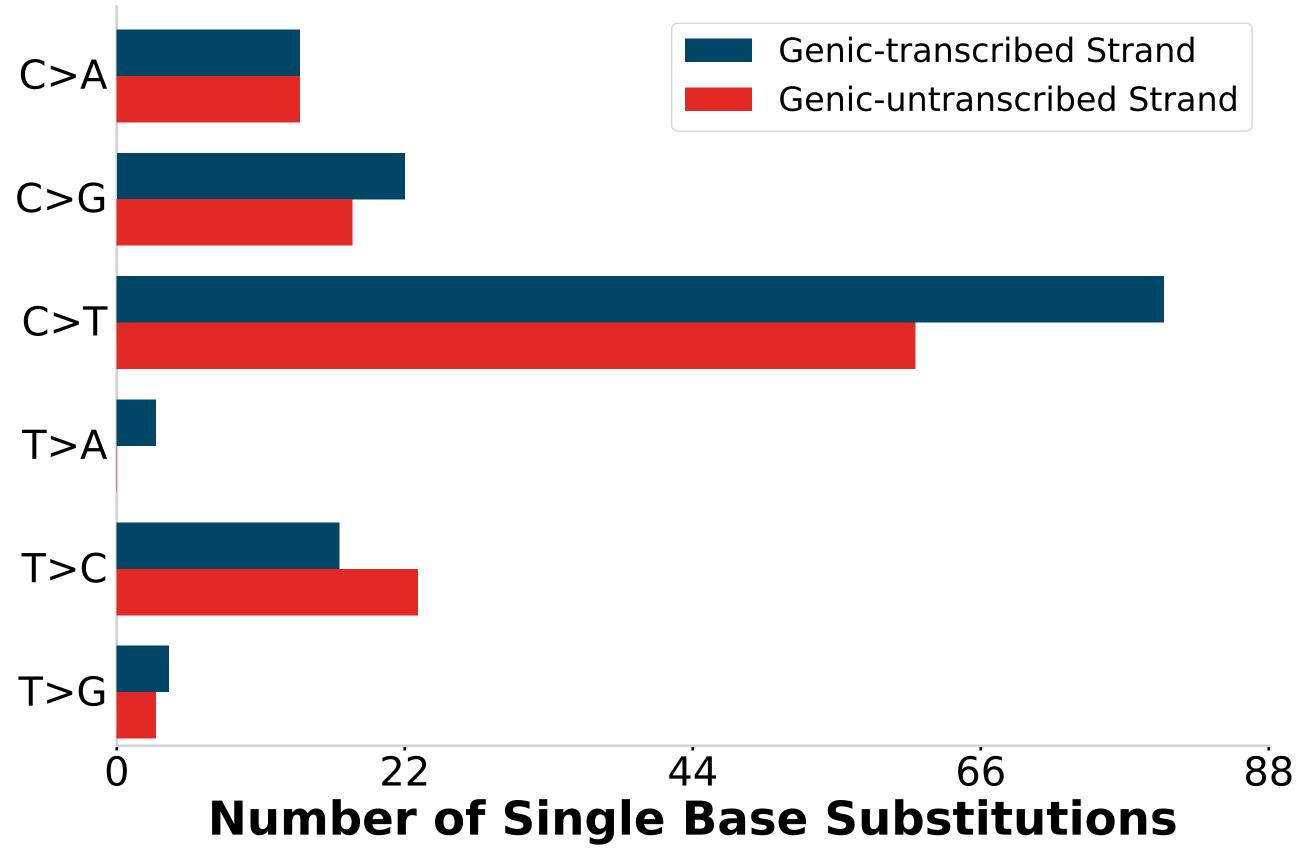
## TCGA-XF-A8HE-01A-11D-A364-08: 359 trai



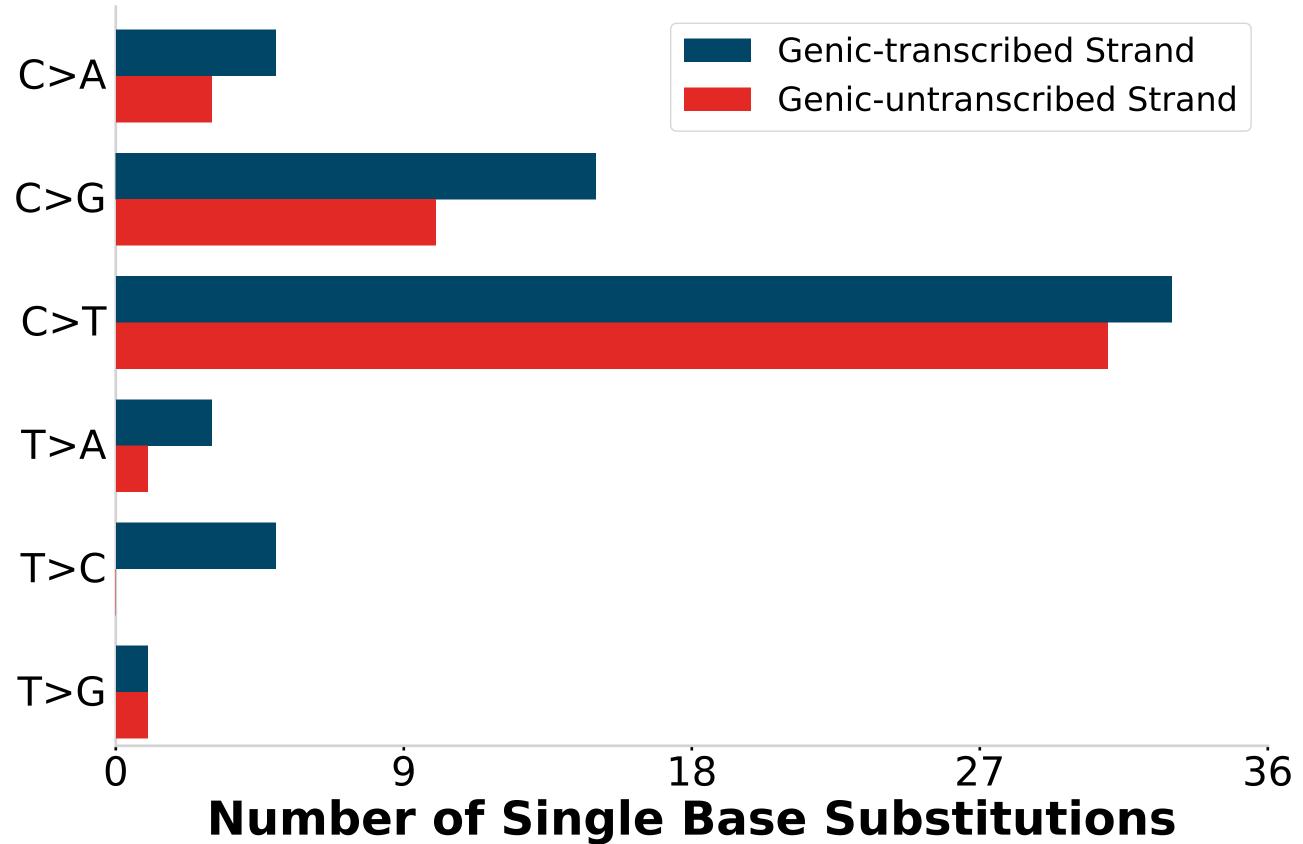
## TCGA-XF-A8HF-01A-11D-A364-08: 143 tran



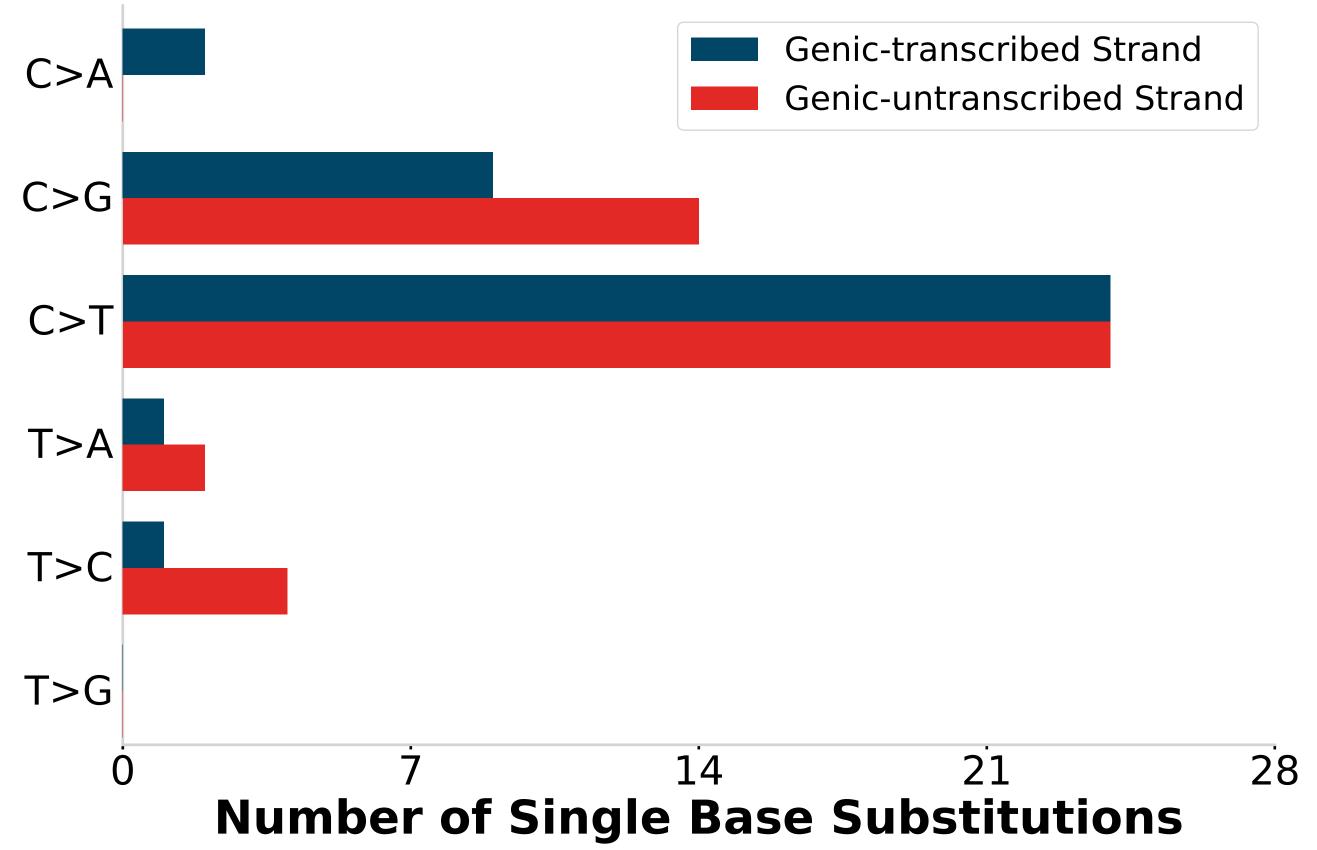
#### TCGA-XF-A8HG-01A-11D-A364-08: 259 trail



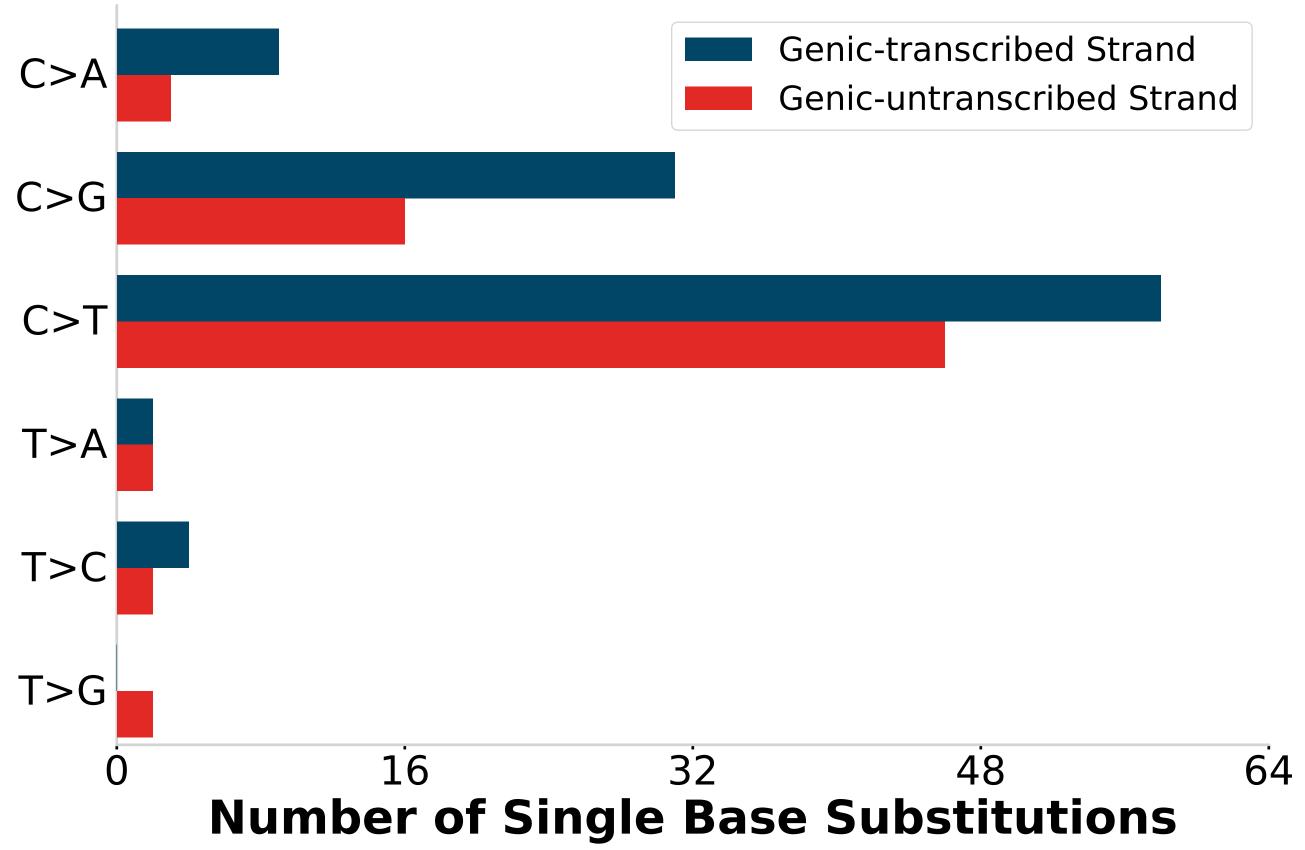
#### TCGA-XF-A8HH-01A-11D-A38G-08: 108 tra



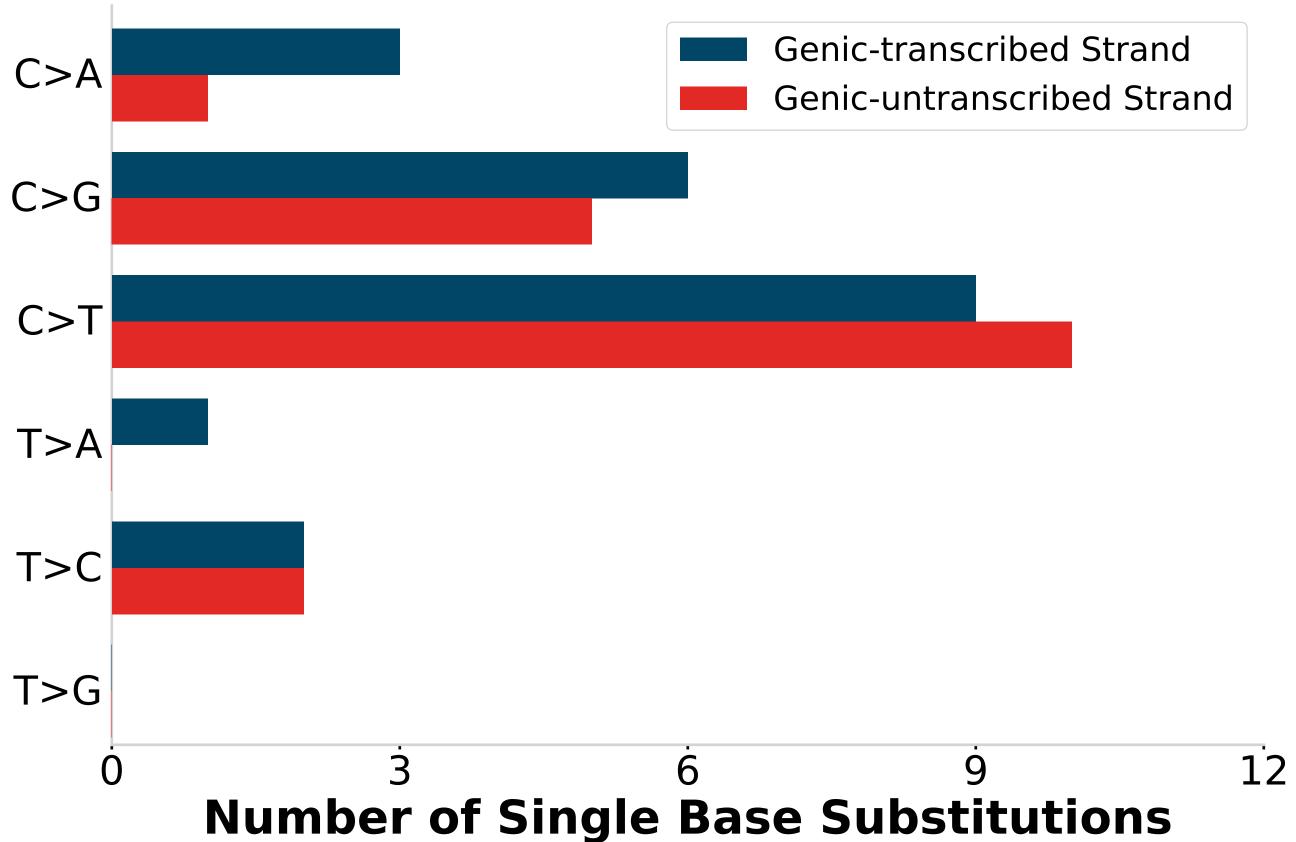
#### TCGA-XF-A8HI-01A-11D-A38G-08: 81 trans



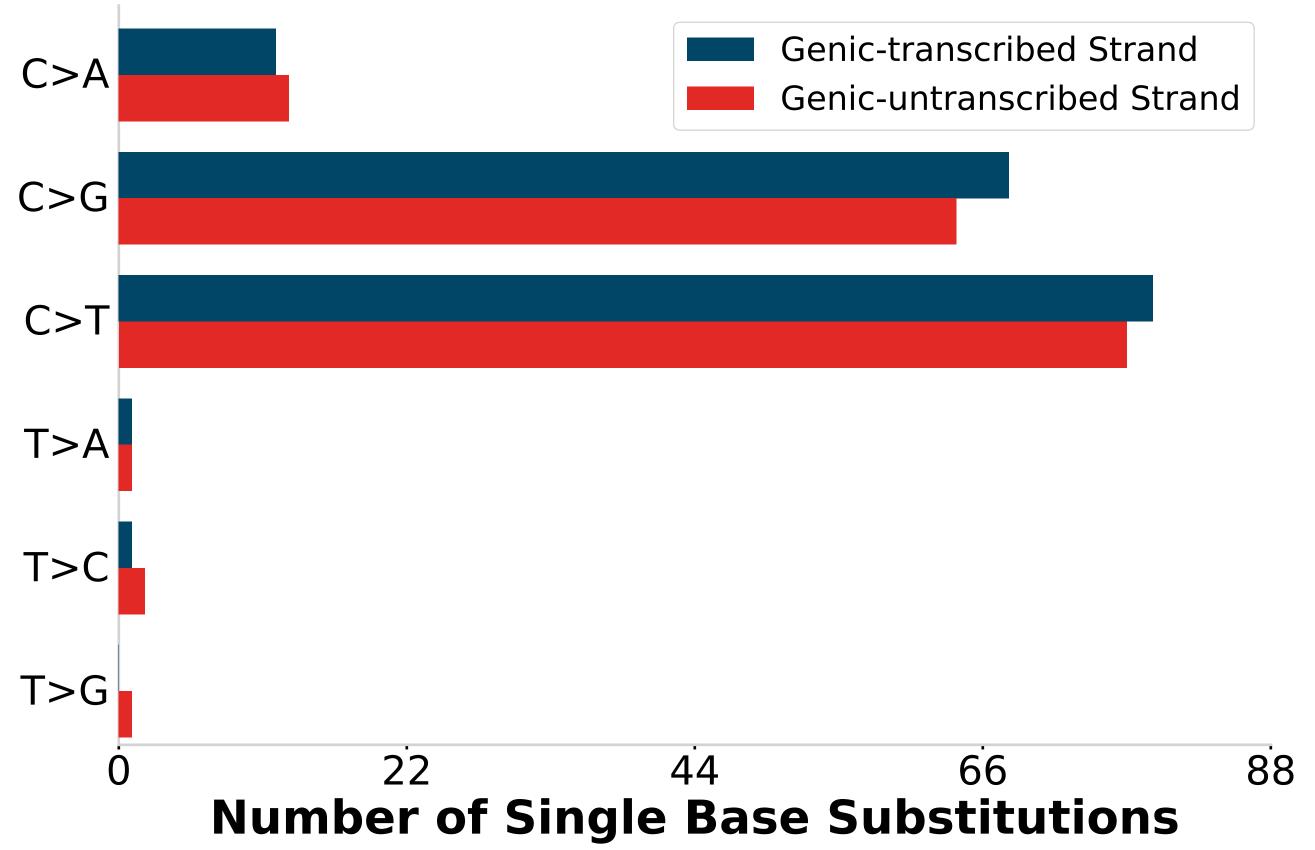
#### TCGA-XF-A9SG-01A-12D-A42E-08: 175 trai



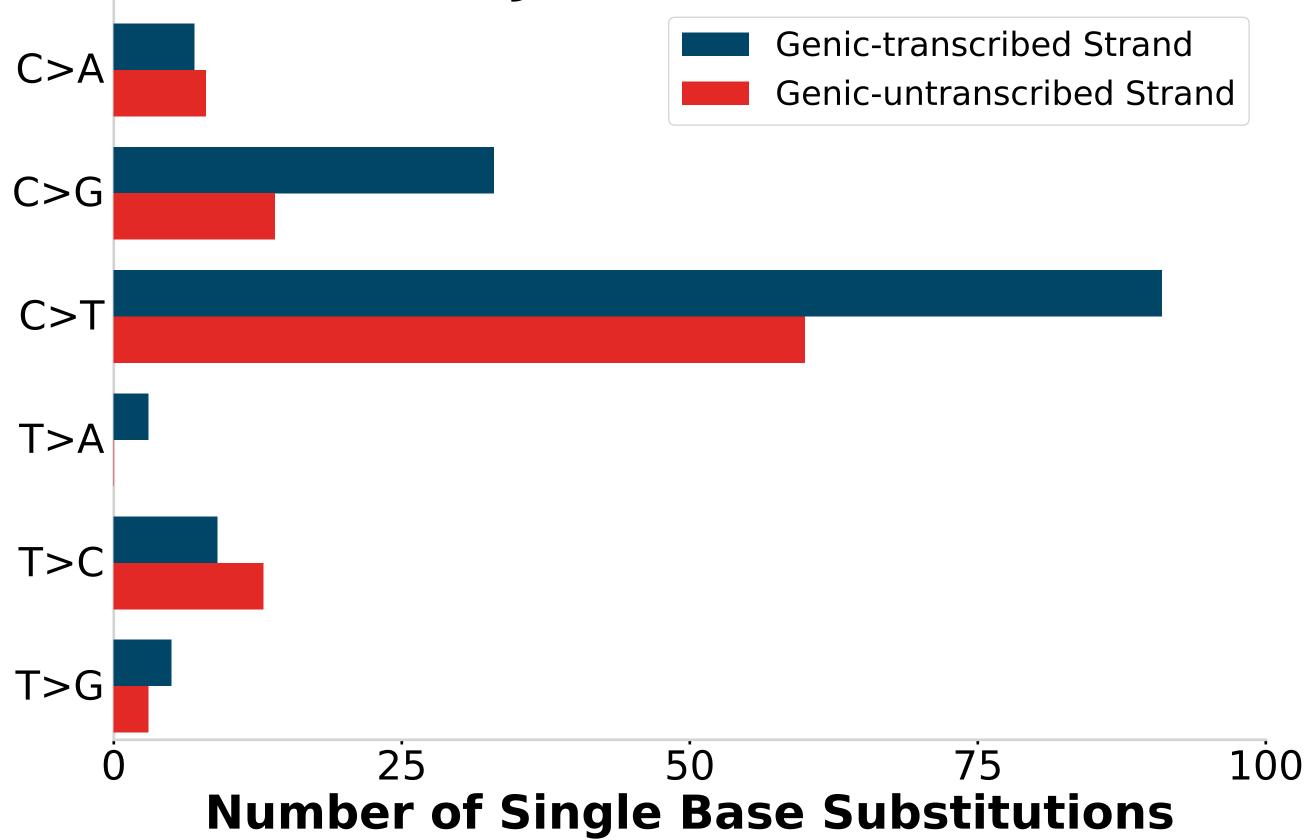
#### TCGA-XF-A9SH-01A-11D-A391-08: 39 trans



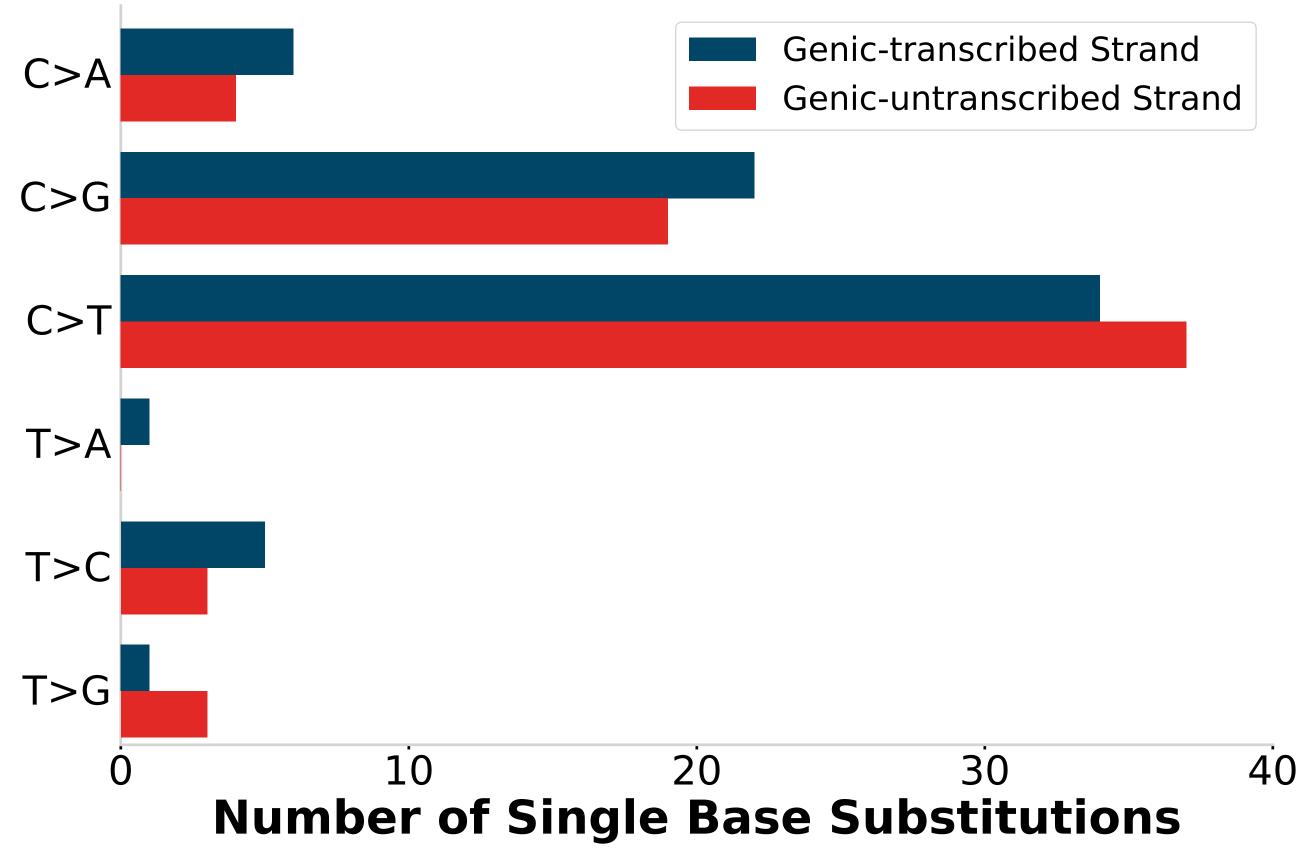
#### TCGA-XF-A9SI-01A-11D-A391-08: 319 tran



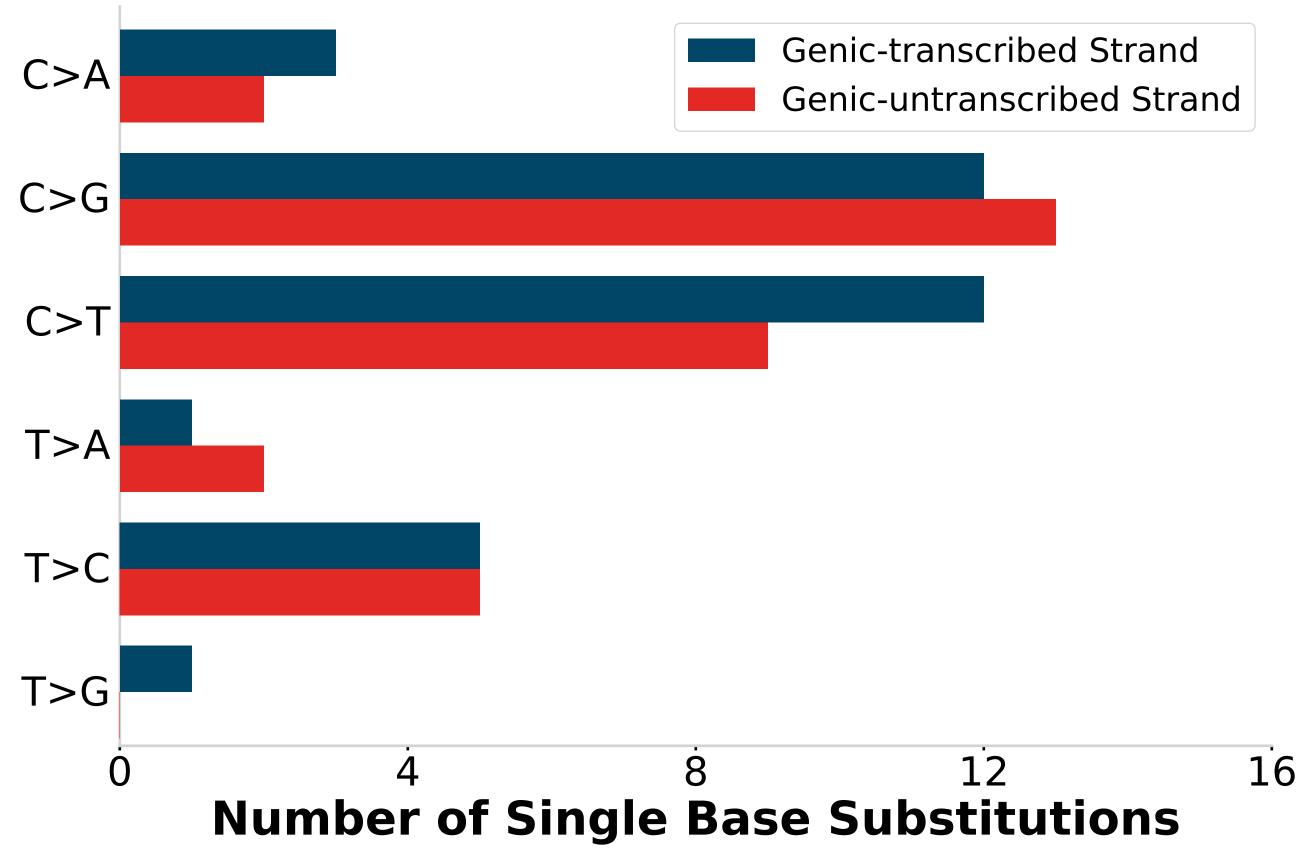
# TCGA-XF-A9SJ-01A-11D-A391-08: 246 tran



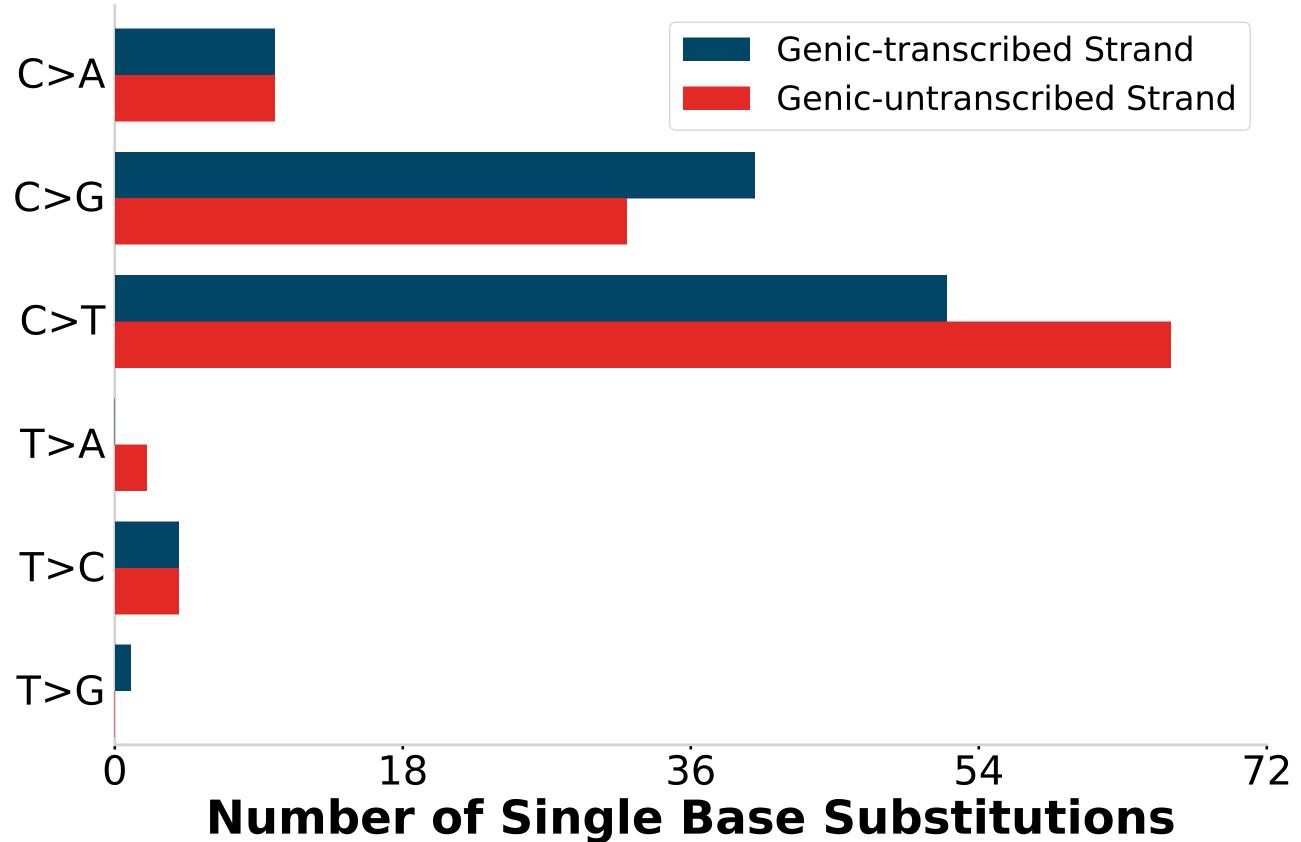
#### TCGA-XF-A9SK-01A-11D-A42E-08: 135 trar



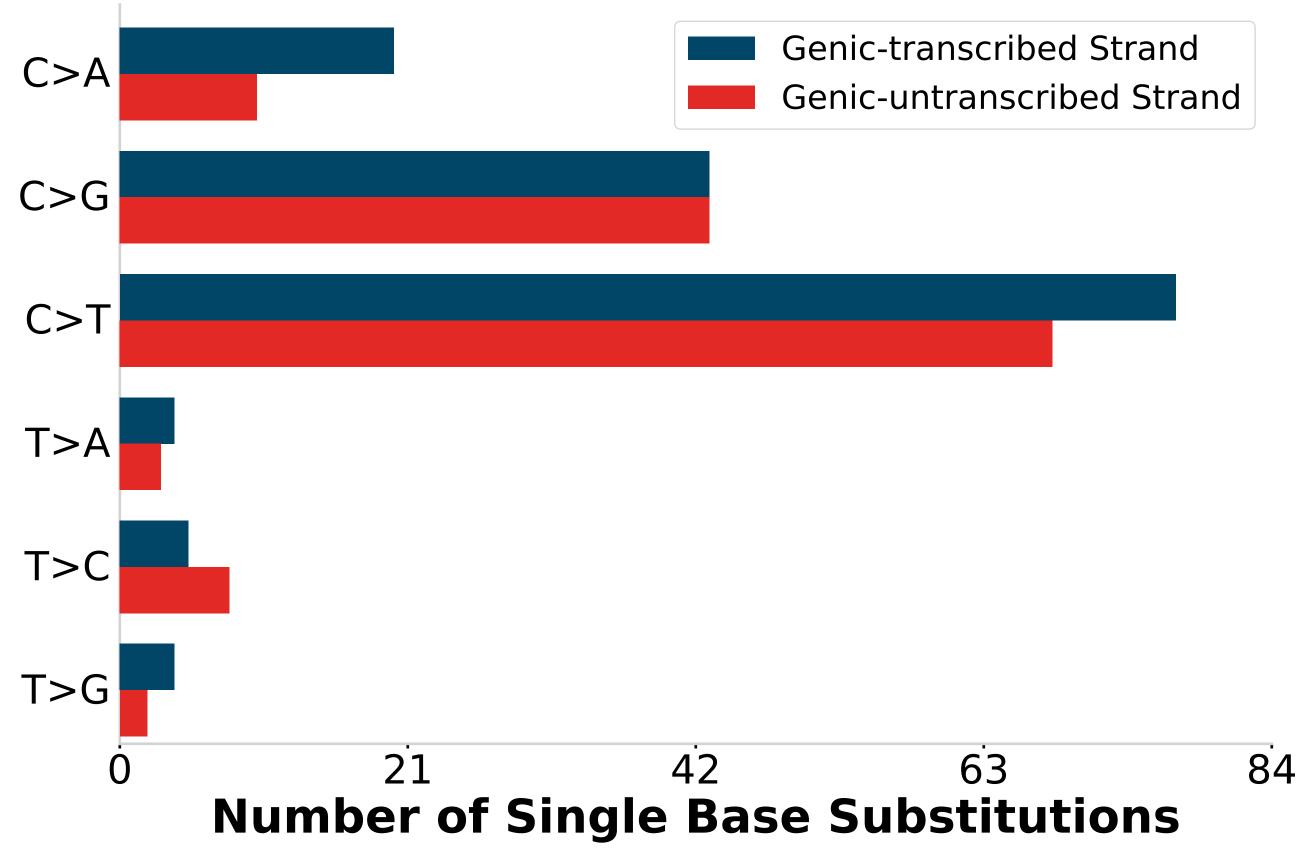
#### TCGA-XF-A9SL-01A-11D-A391-08: 65 trans



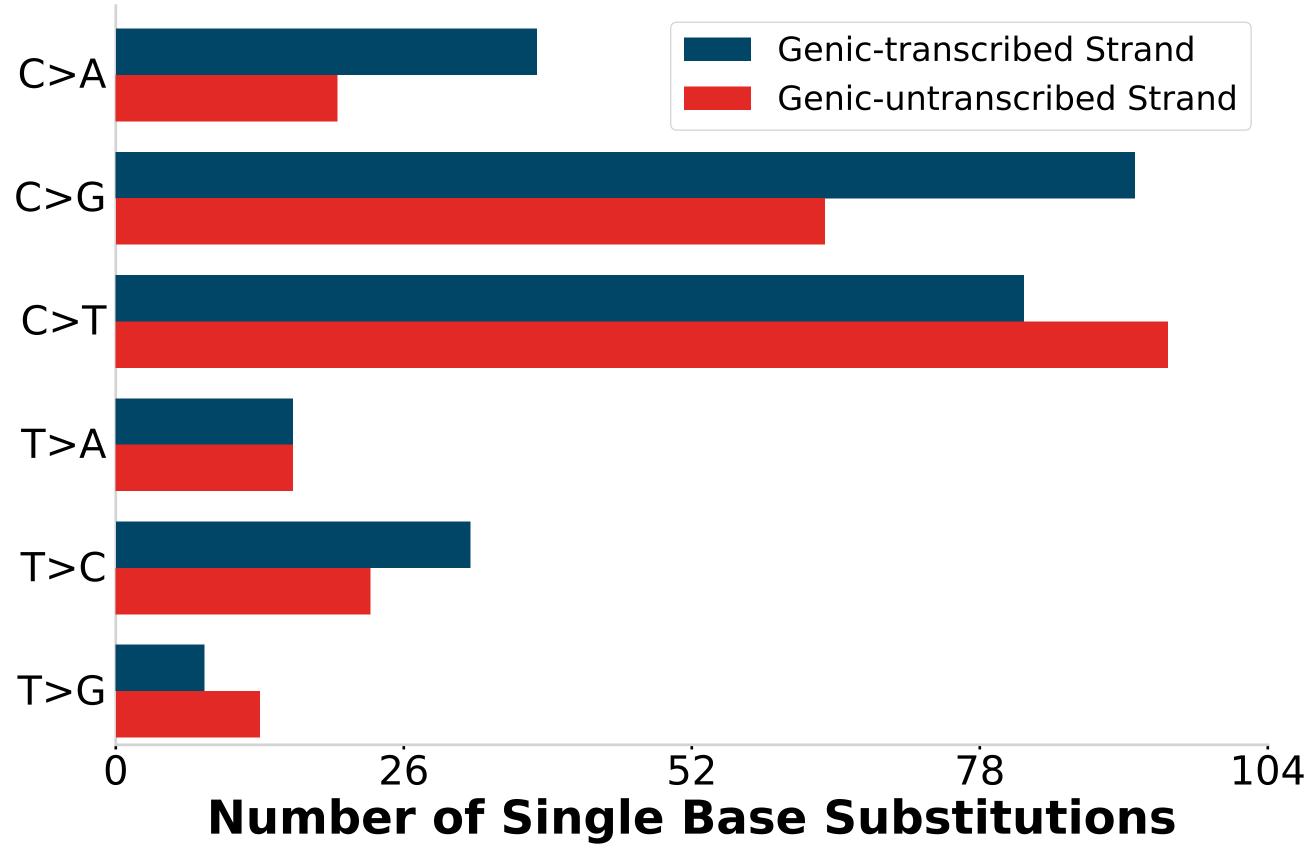
#### TCGA-XF-A9SM-01A-11D-A42E-08: 221 tra



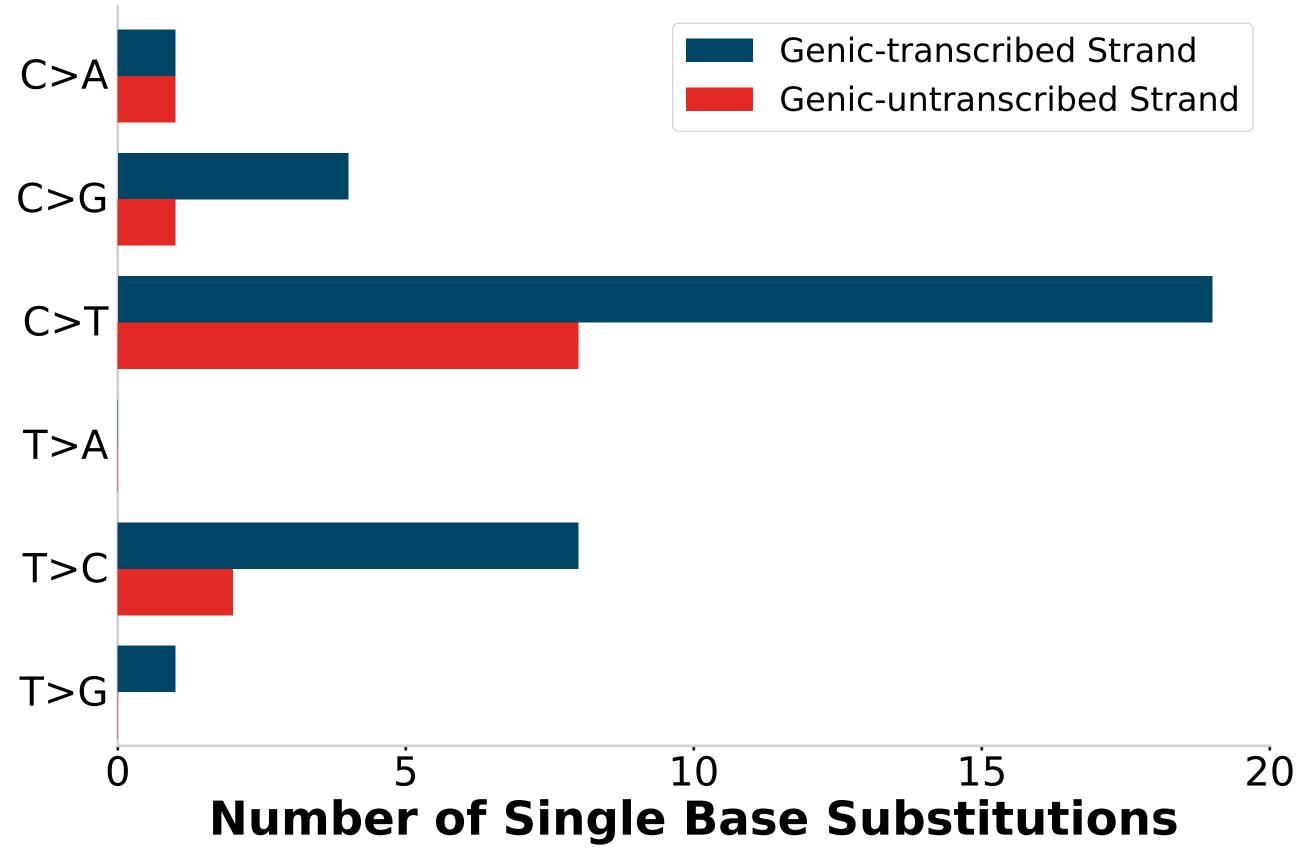
## TCGA-XF-A9SP-01A-11D-A391-08: 287 trar



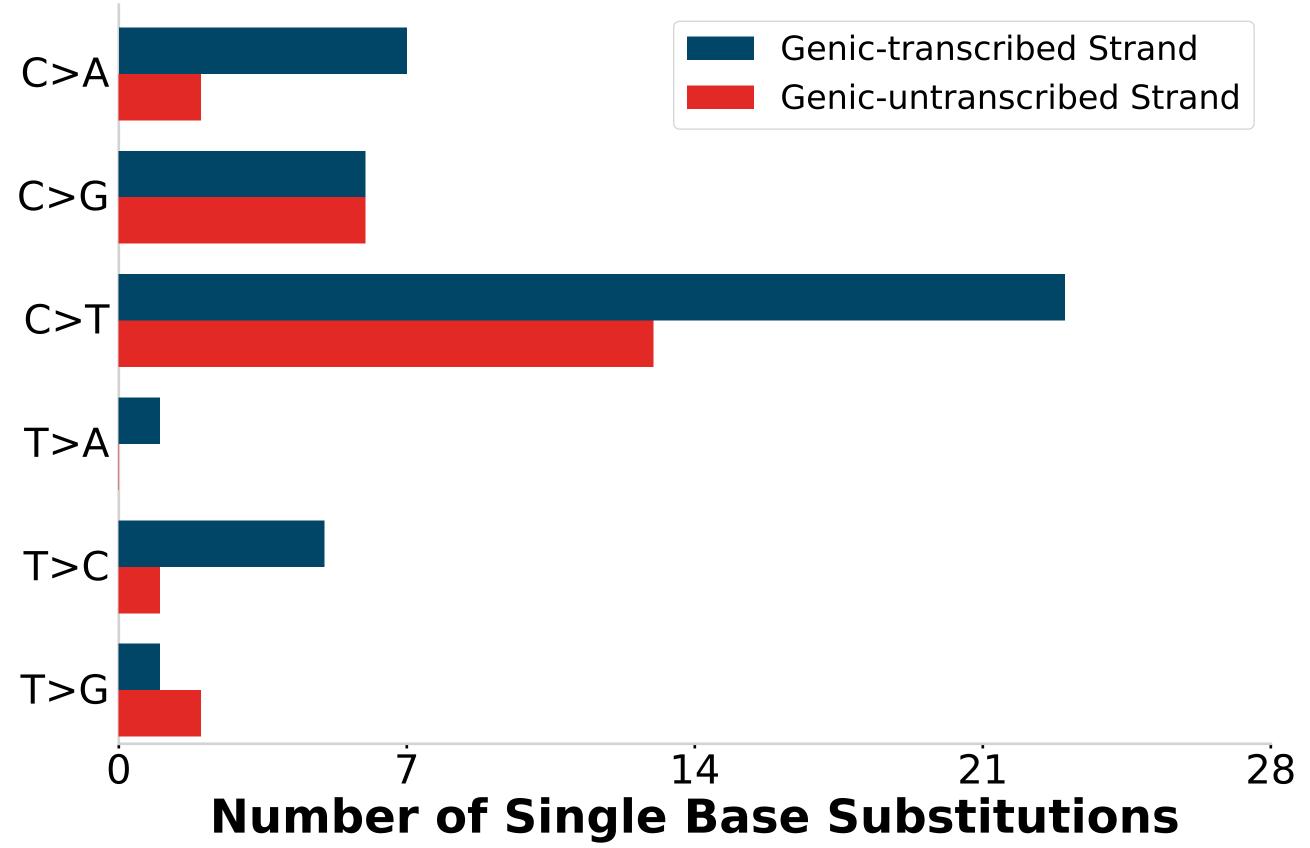
#### TCGA-XF-A9ST-01A-11D-A42E-08: 499 tran



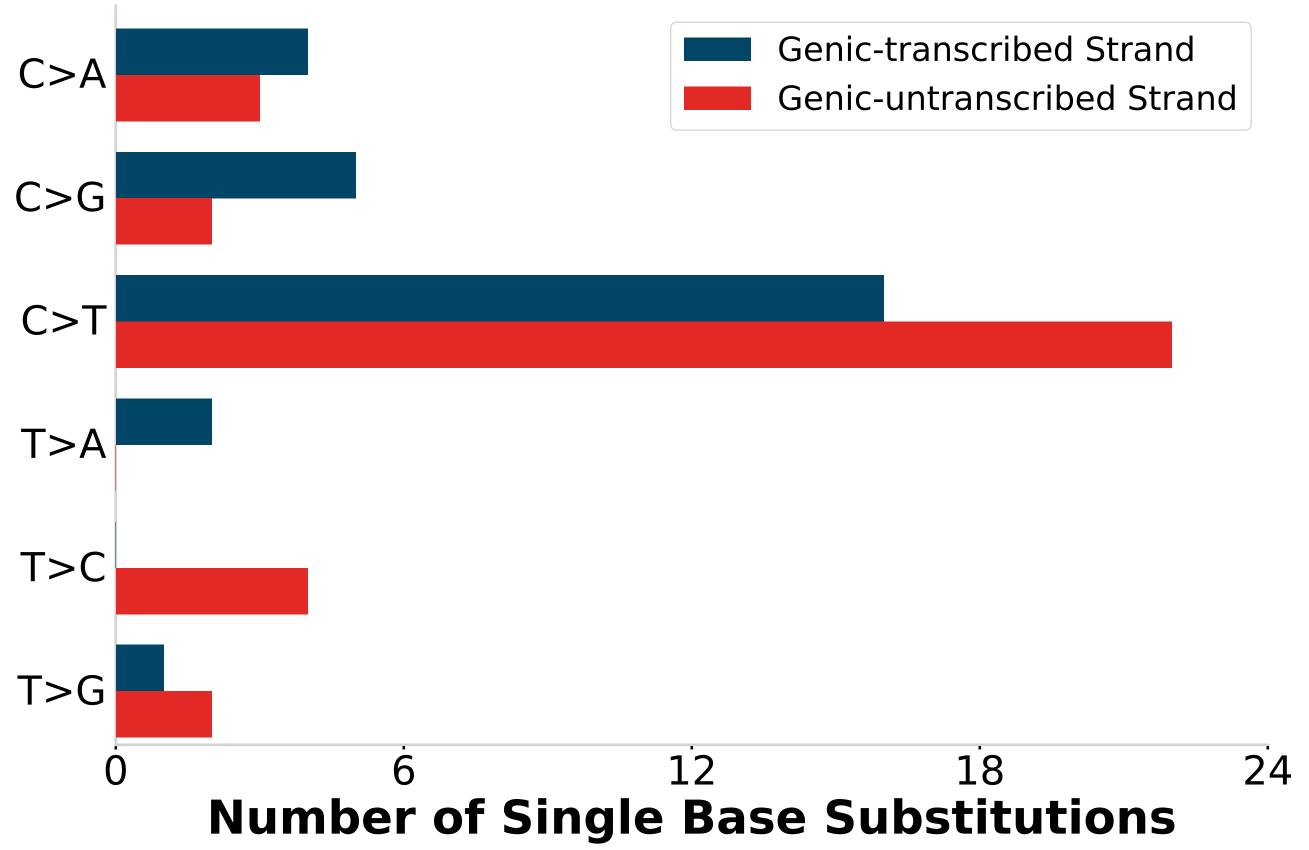
#### TCGA-XF-A9SU-01A-31D-A391-08: 45 trans



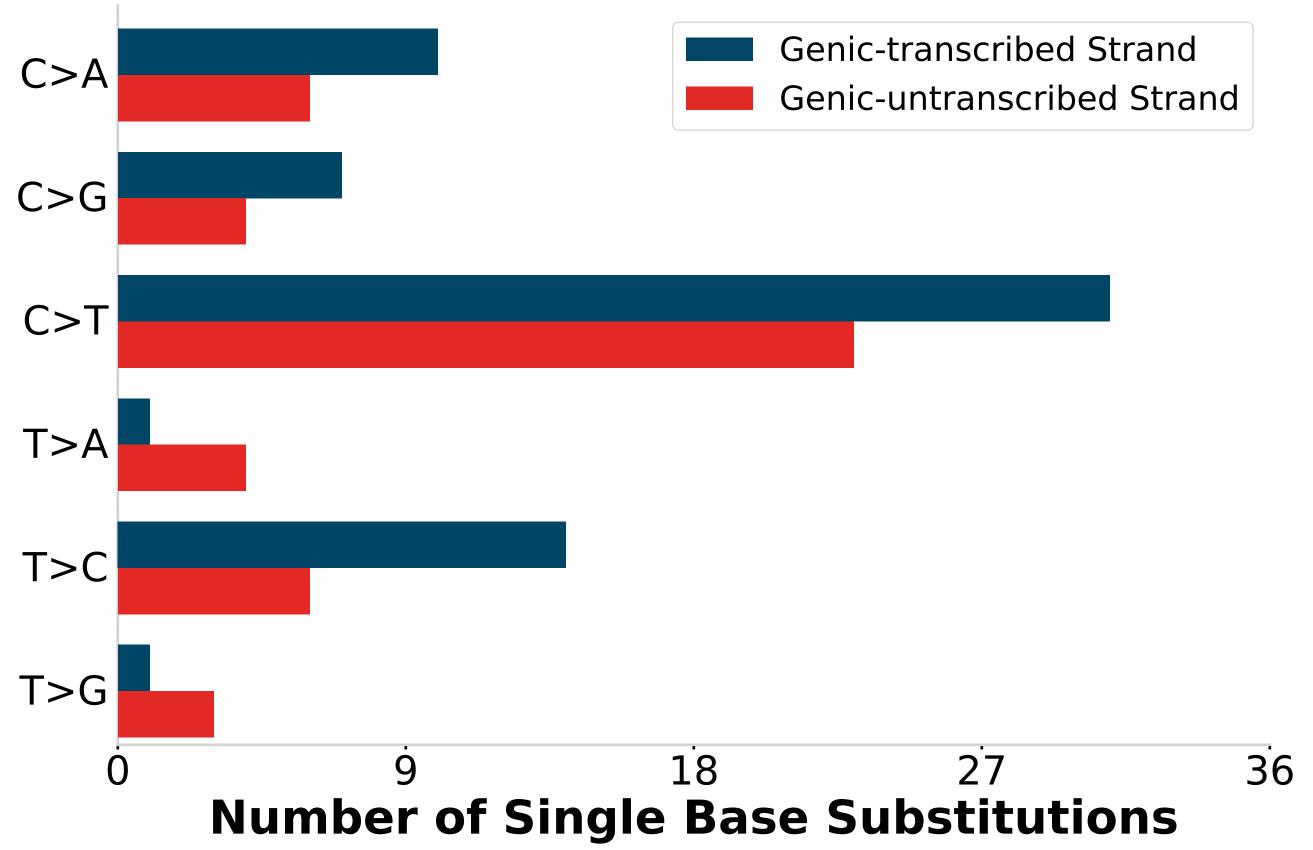
#### TCGA-XF-A9SV-01A-21D-A42E-08: 67 trans



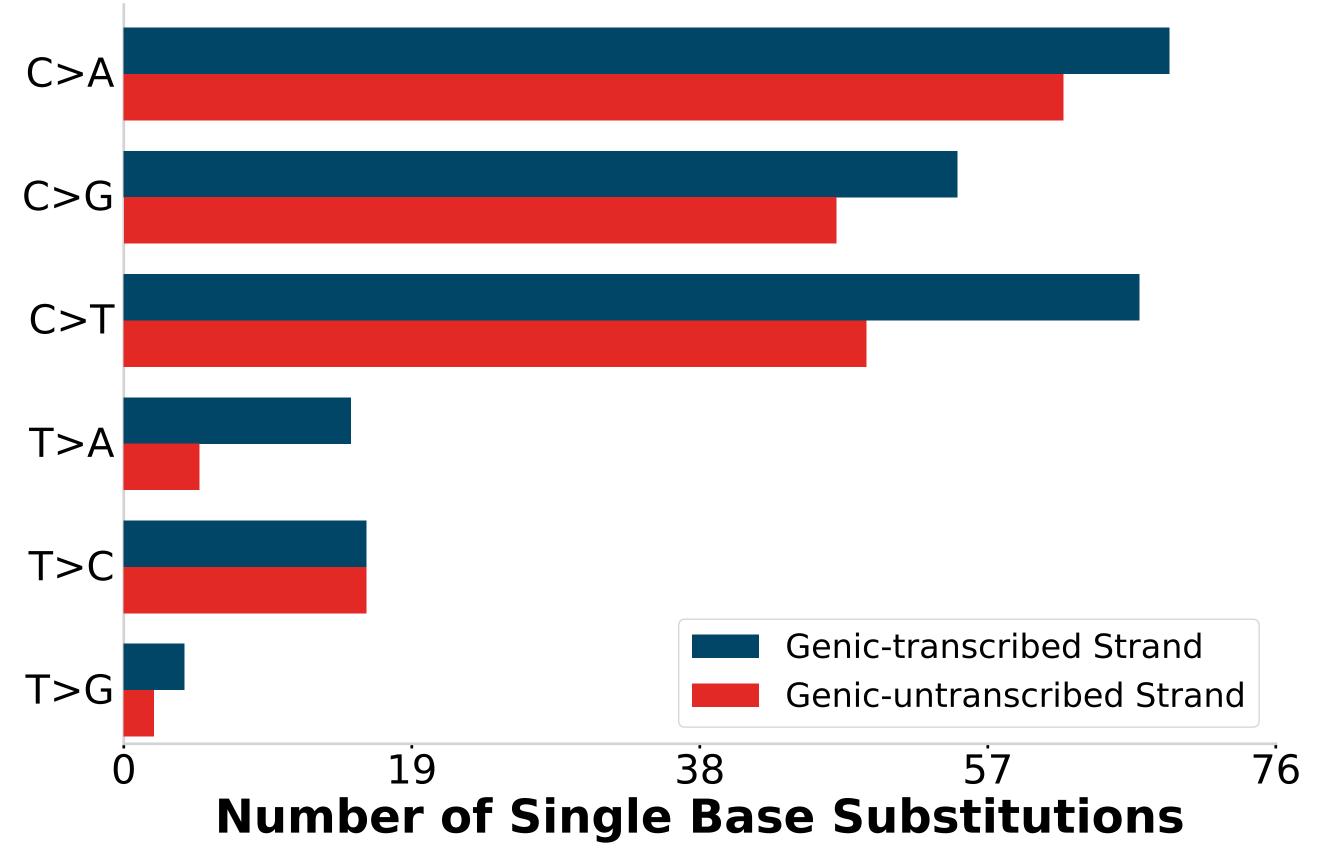
#### TCGA-XF-A9SW-01A-11D-A42E-08: 61 tran



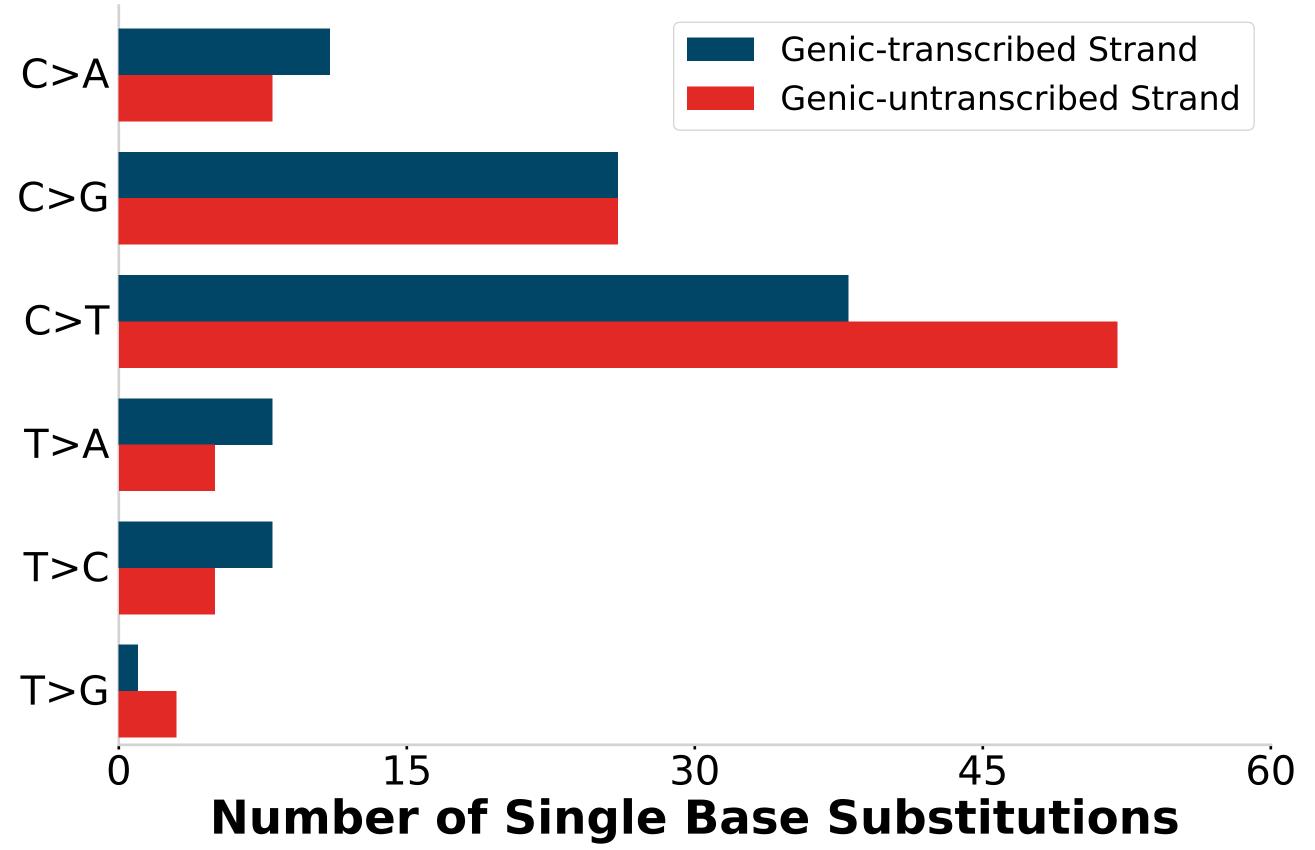
#### TCGA-XF-A9SX-01A-21D-A391-08: 110 trar



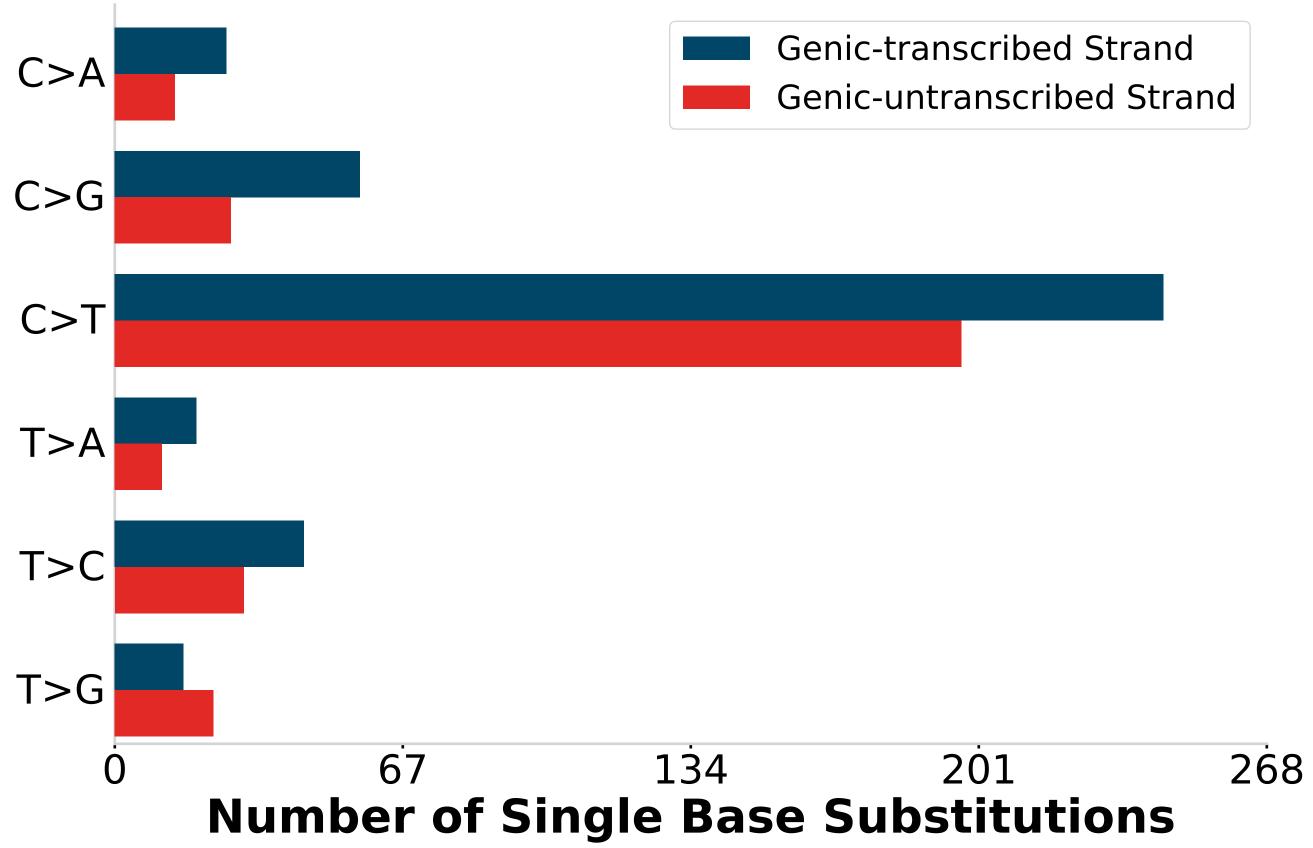
#### TCGA-XF-A9SY-01A-21D-A42E-08: 407 tran



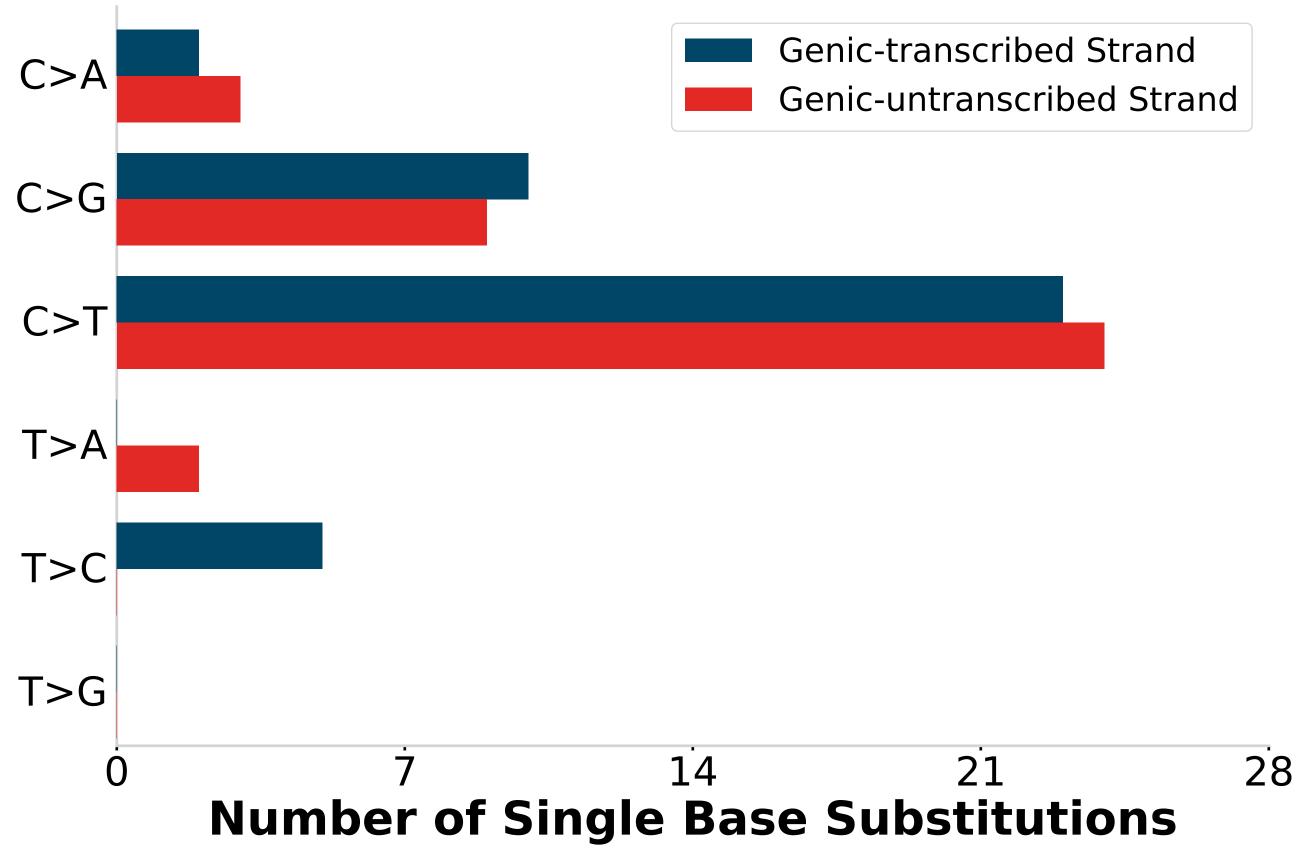
#### TCGA-XF-A9SZ-01A-11D-A391-08: 191 trar



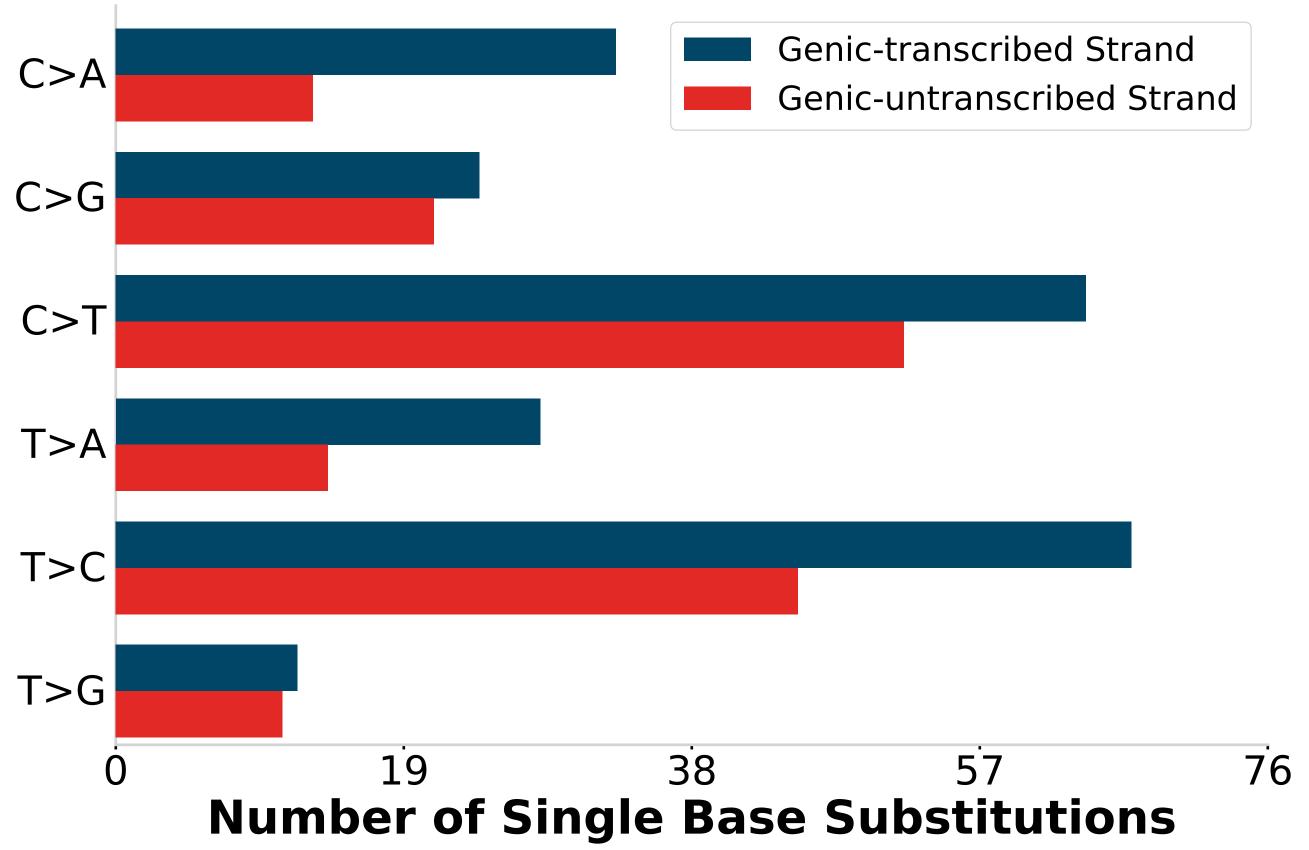
## TCGA-XF-A9T0-01A-11D-A391-08: 708 trar



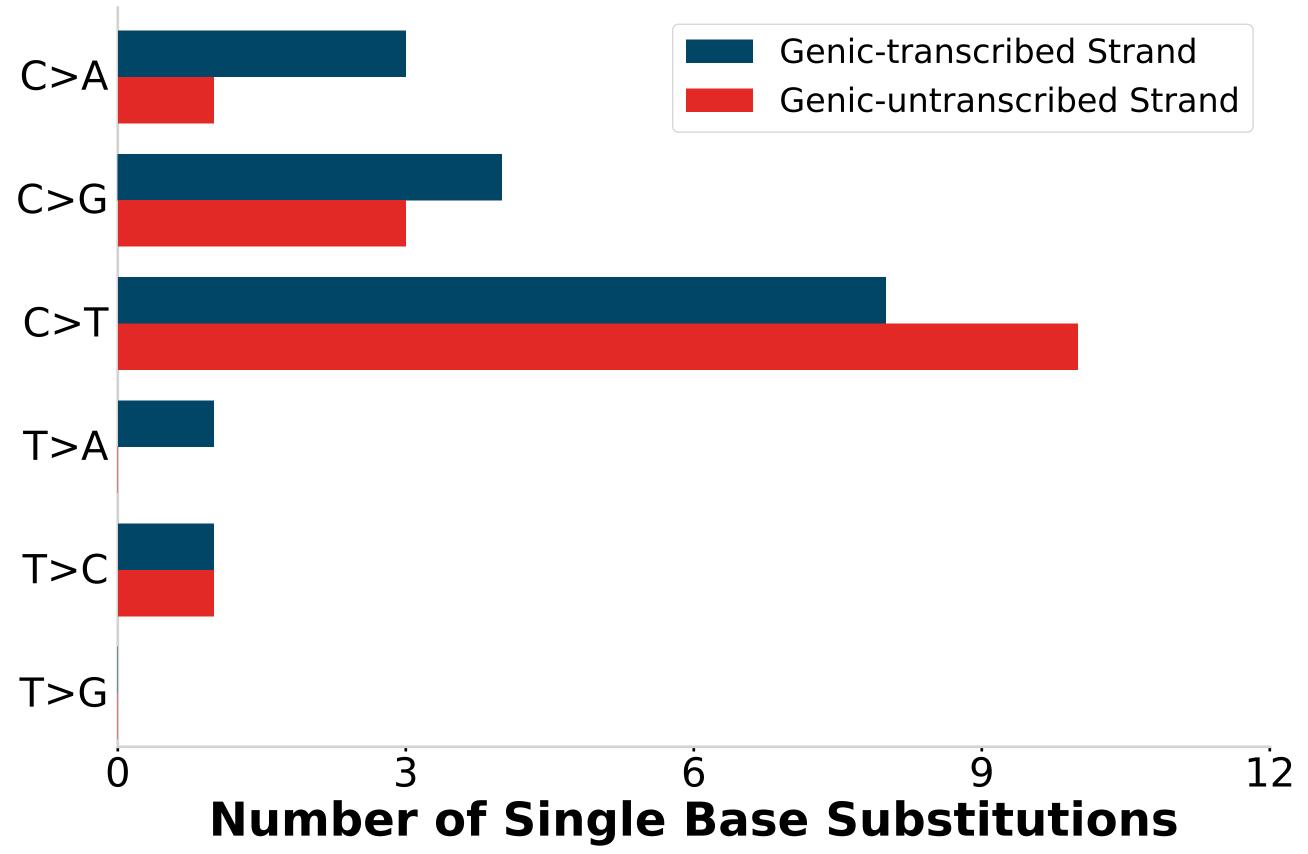
#### TCGA-XF-A9T2-01A-11D-A42E-08: 78 trans



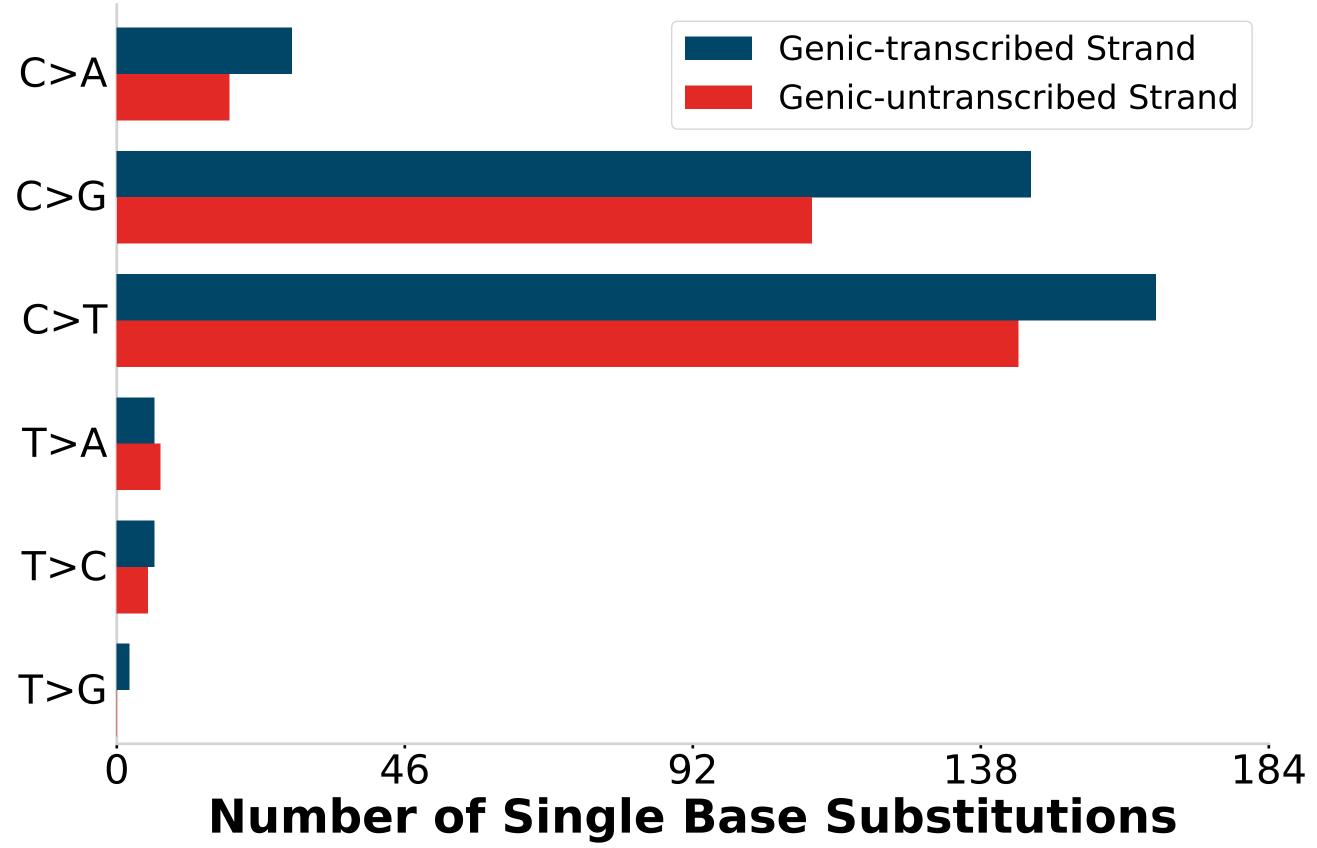
#### TCGA-XF-A9T3-01A-11D-A42E-08: 384 tran



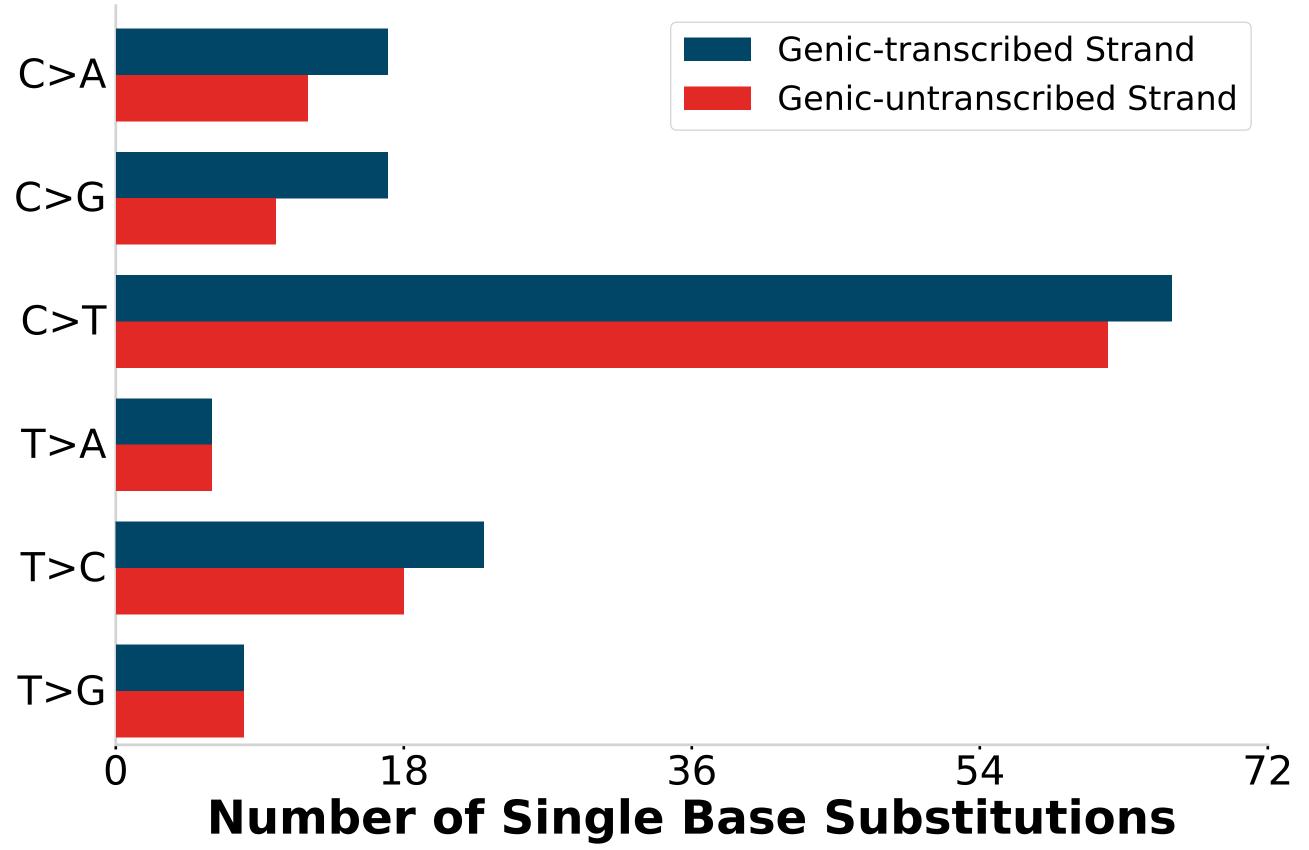
#### TCGA-XF-A9T4-01A-11D-A391-08: 32 trans



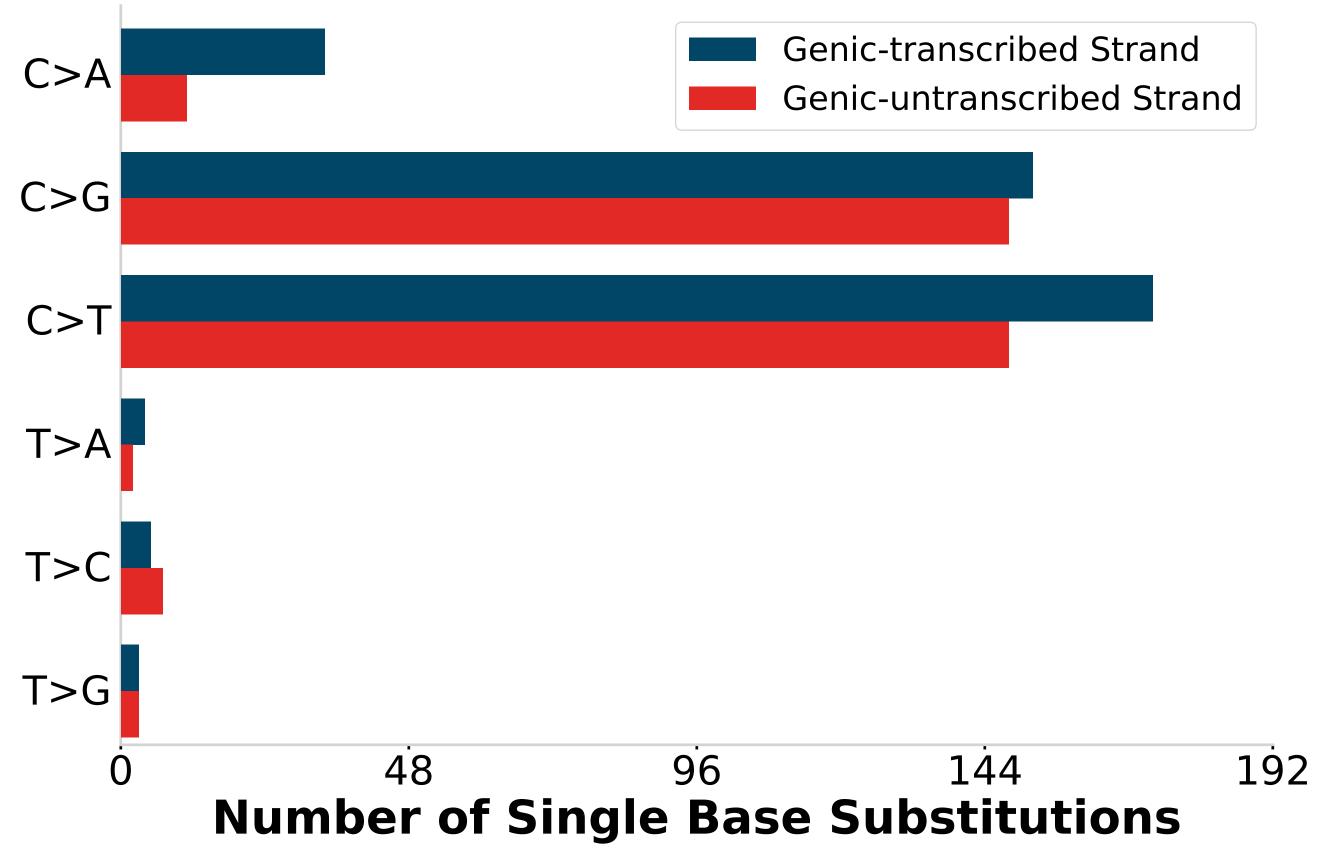
## TCGA-XF-A9T5-01A-11D-A42E-08: 639 tran



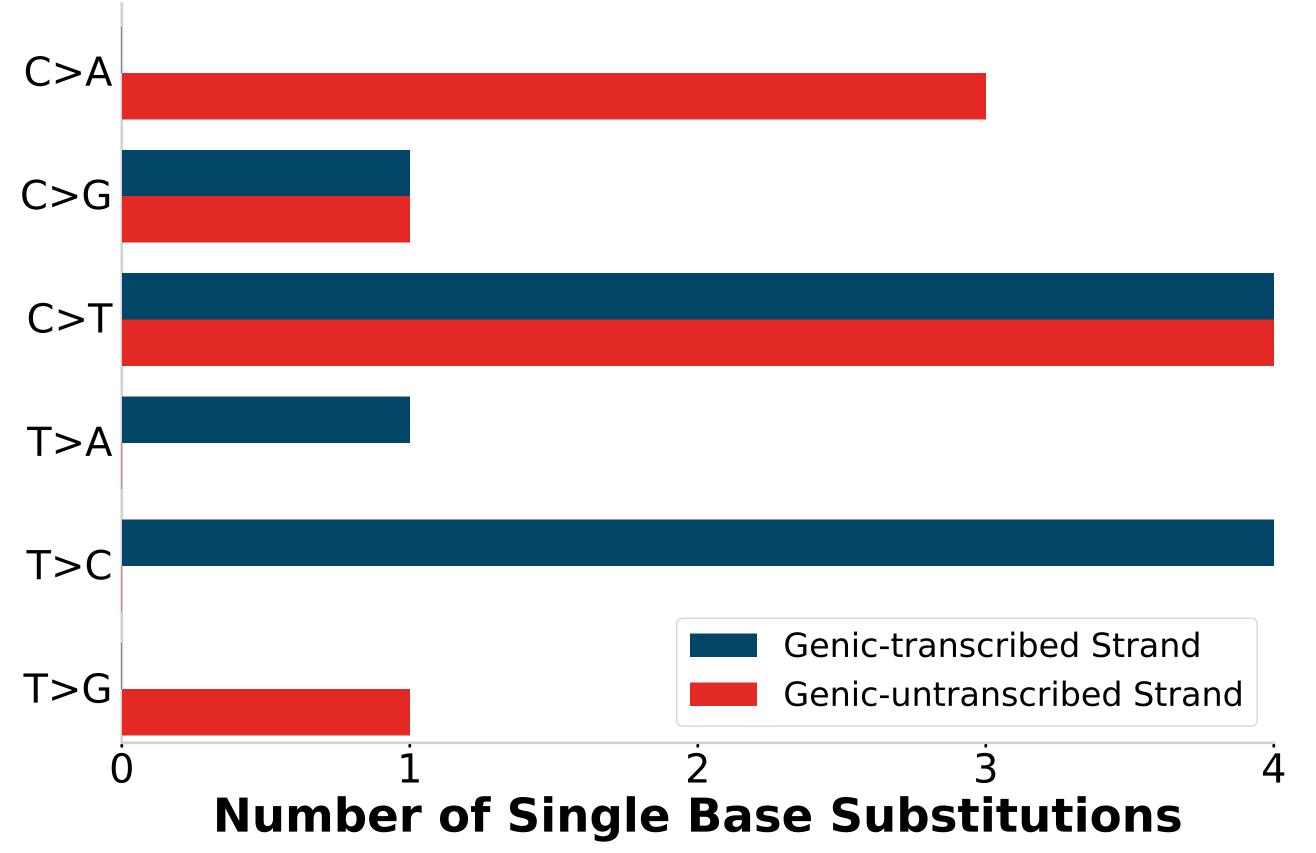
#### TCGA-XF-A9T6-01A-11D-A42E-08: 253 trar



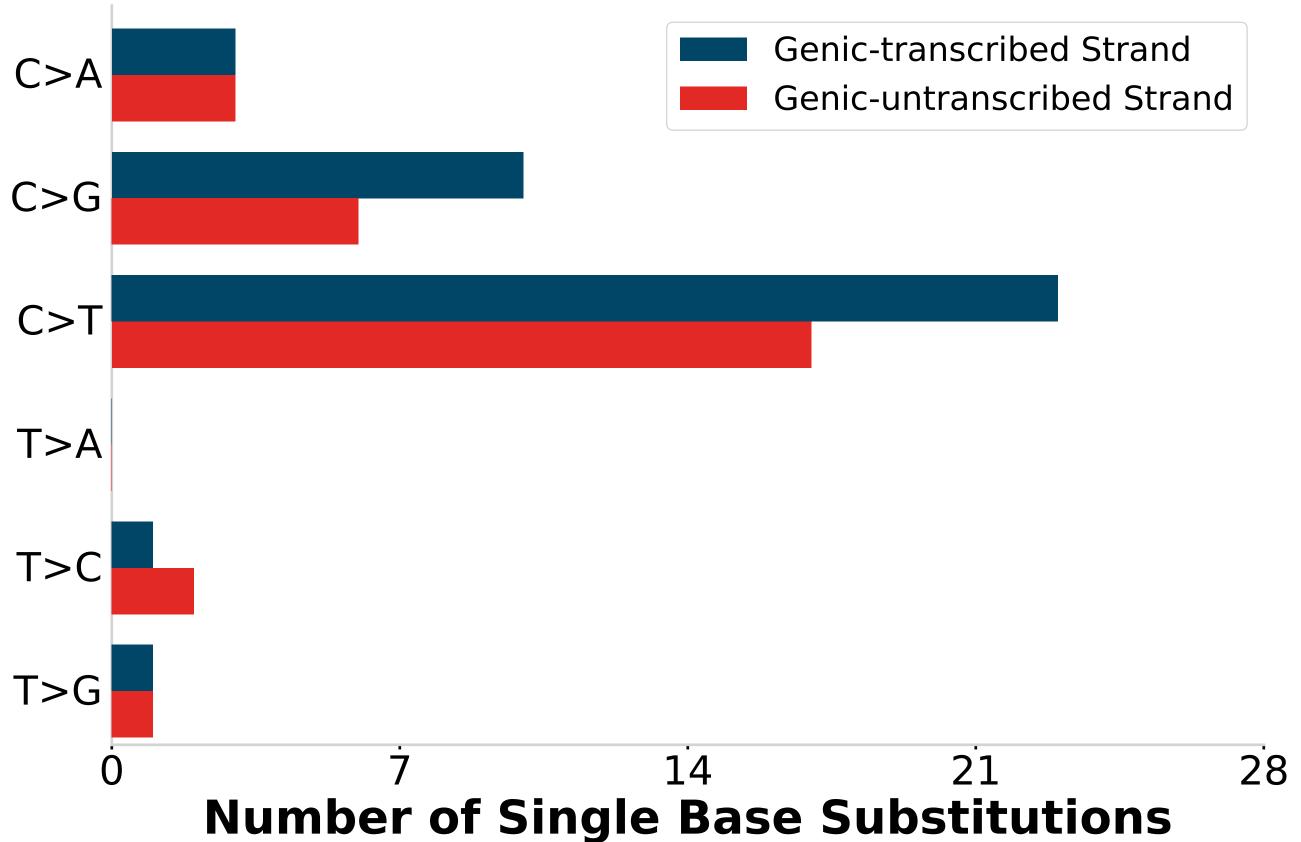
#### TCGA-XF-A9T8-01A-11D-A391-08: 689 trar



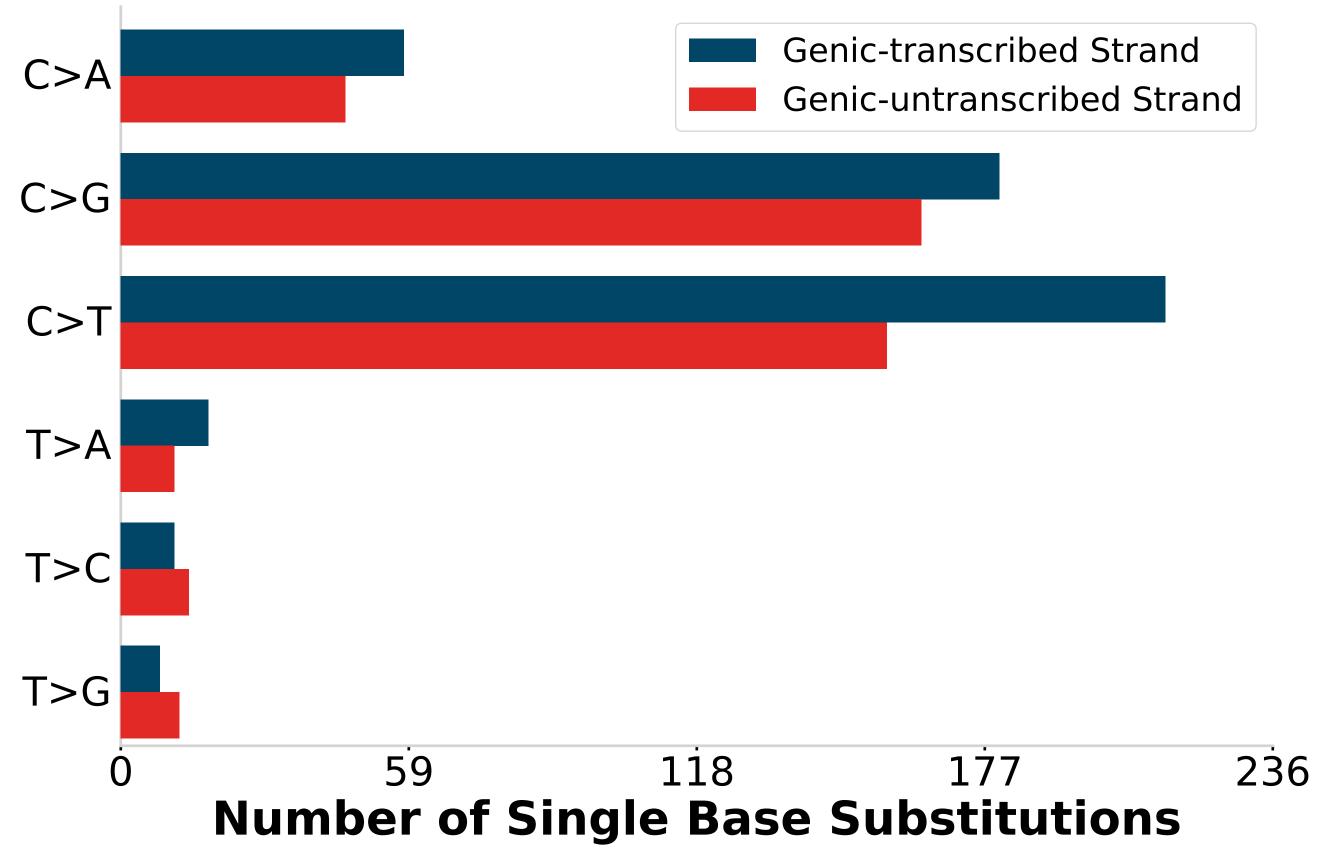
#### TCGA-XF-AAME-01A-12D-A42E-08: 19 tran



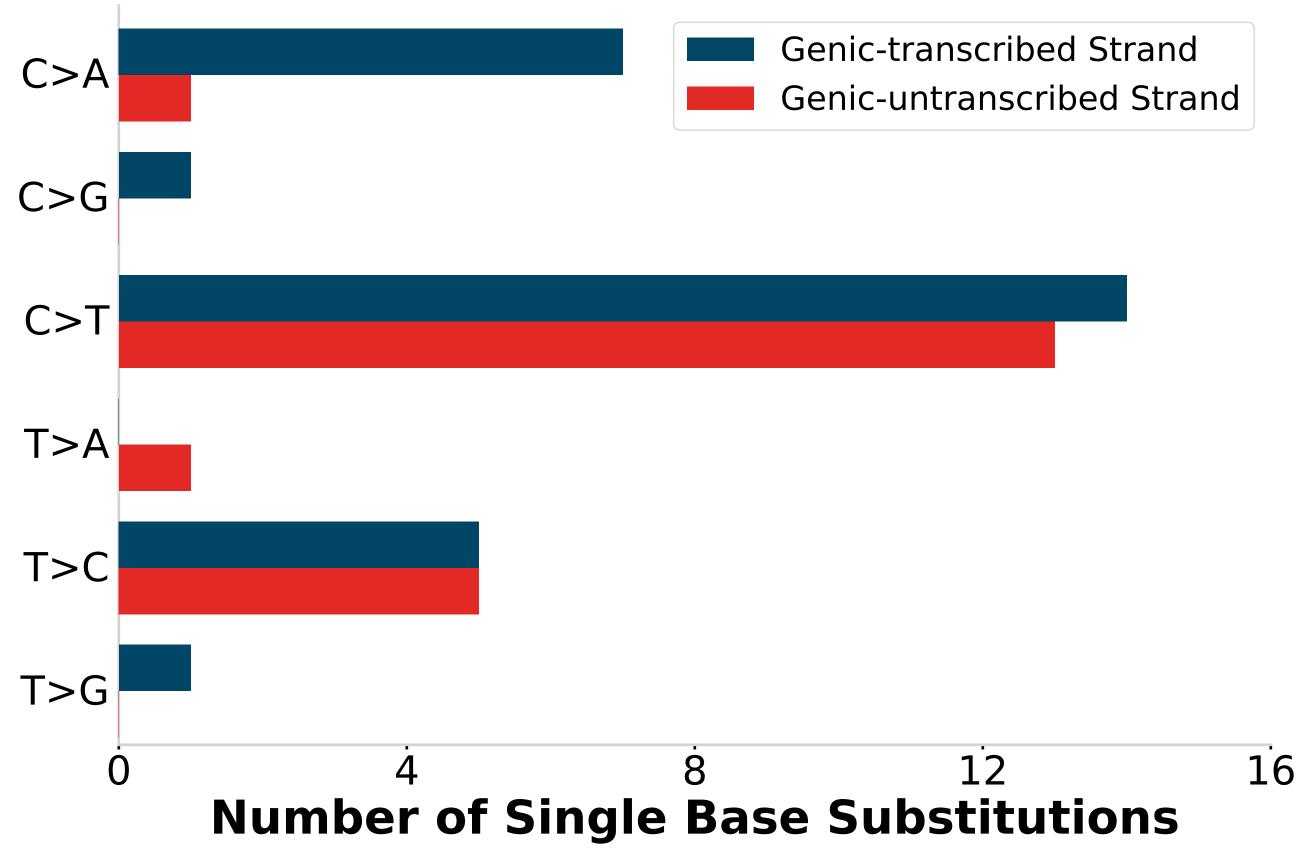
#### TCGA-XF-AAMF-01A-21D-A42E-08: 67 tran



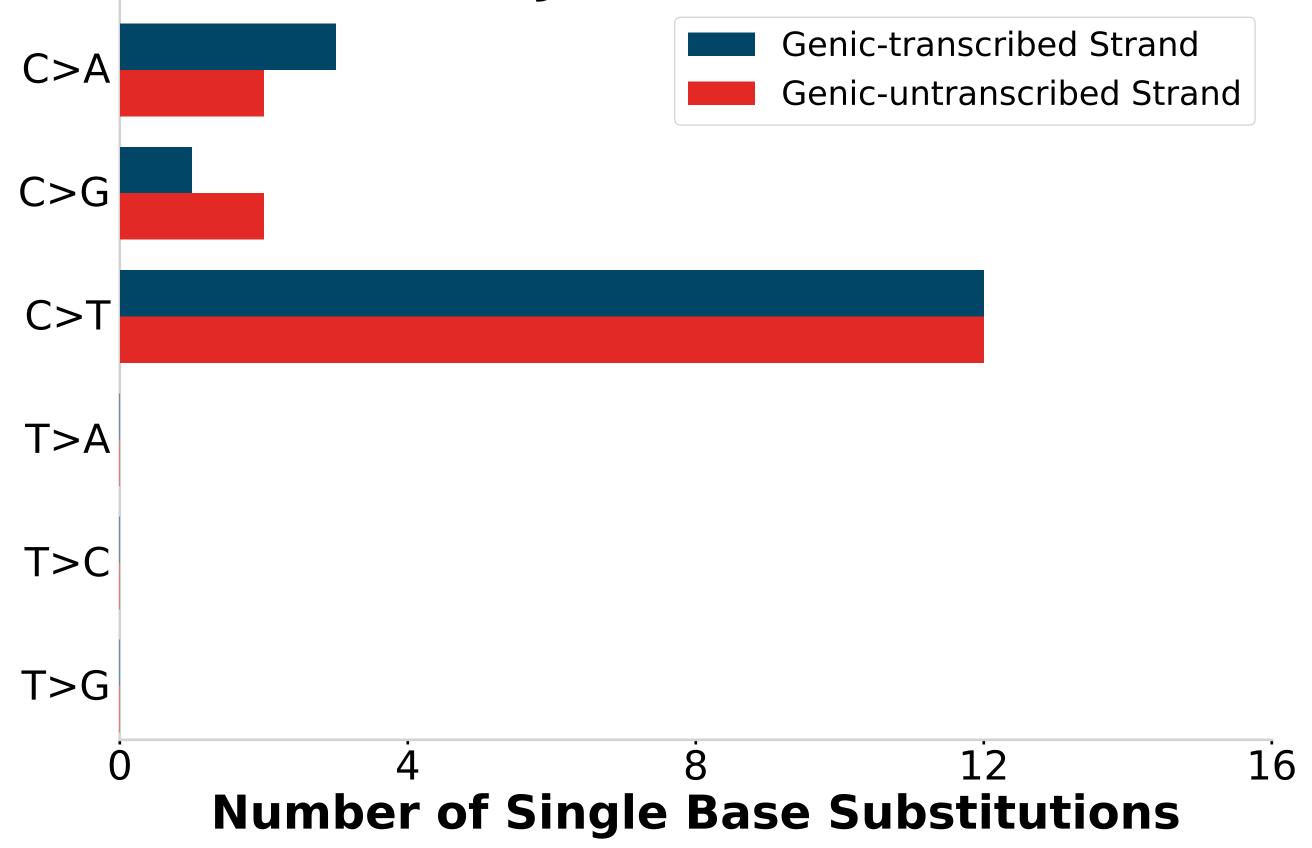
#### TCGA-XF-AAMG-01A-11D-A42E-08: 893 tra



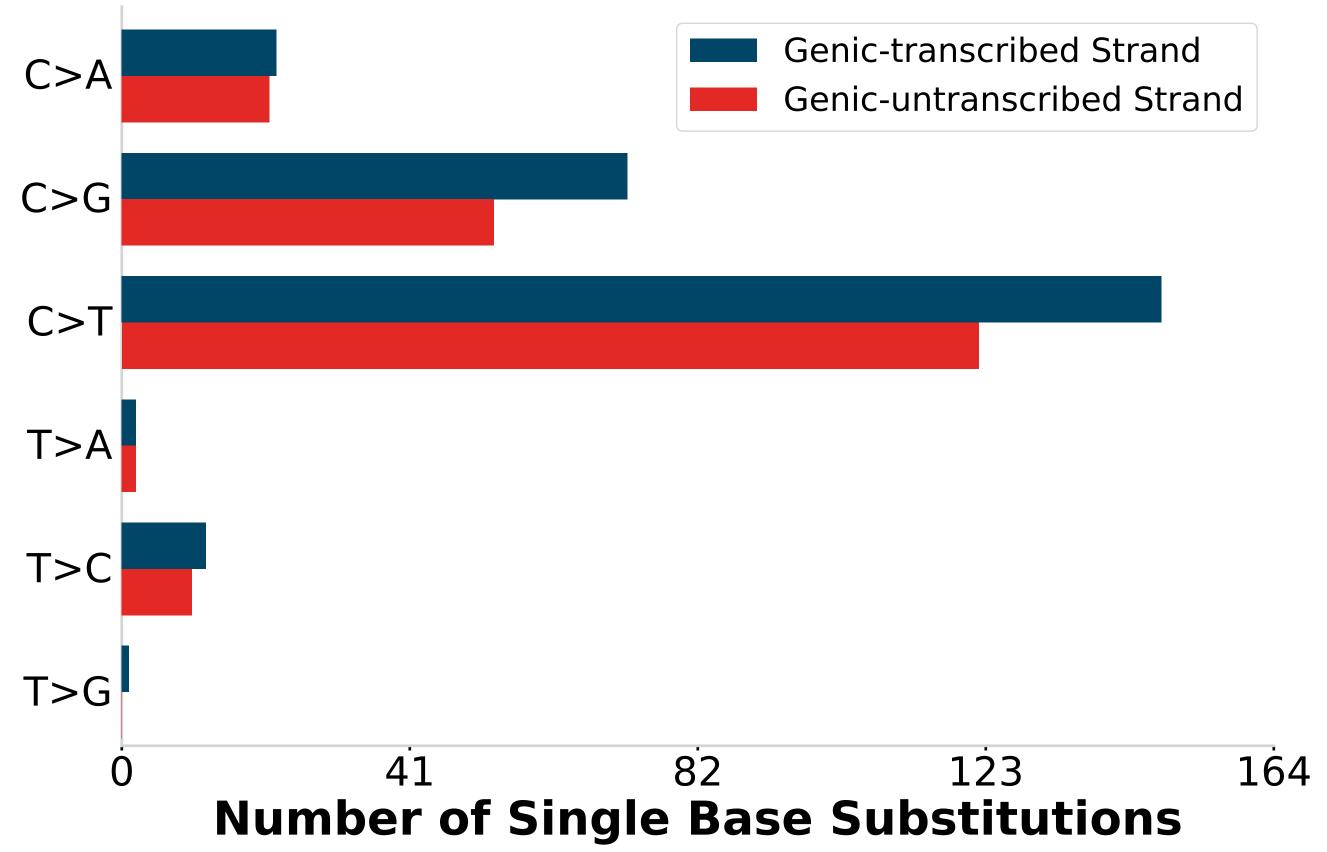
#### TCGA-XF-AAMH-01A-11D-A42E-08: 48 tran



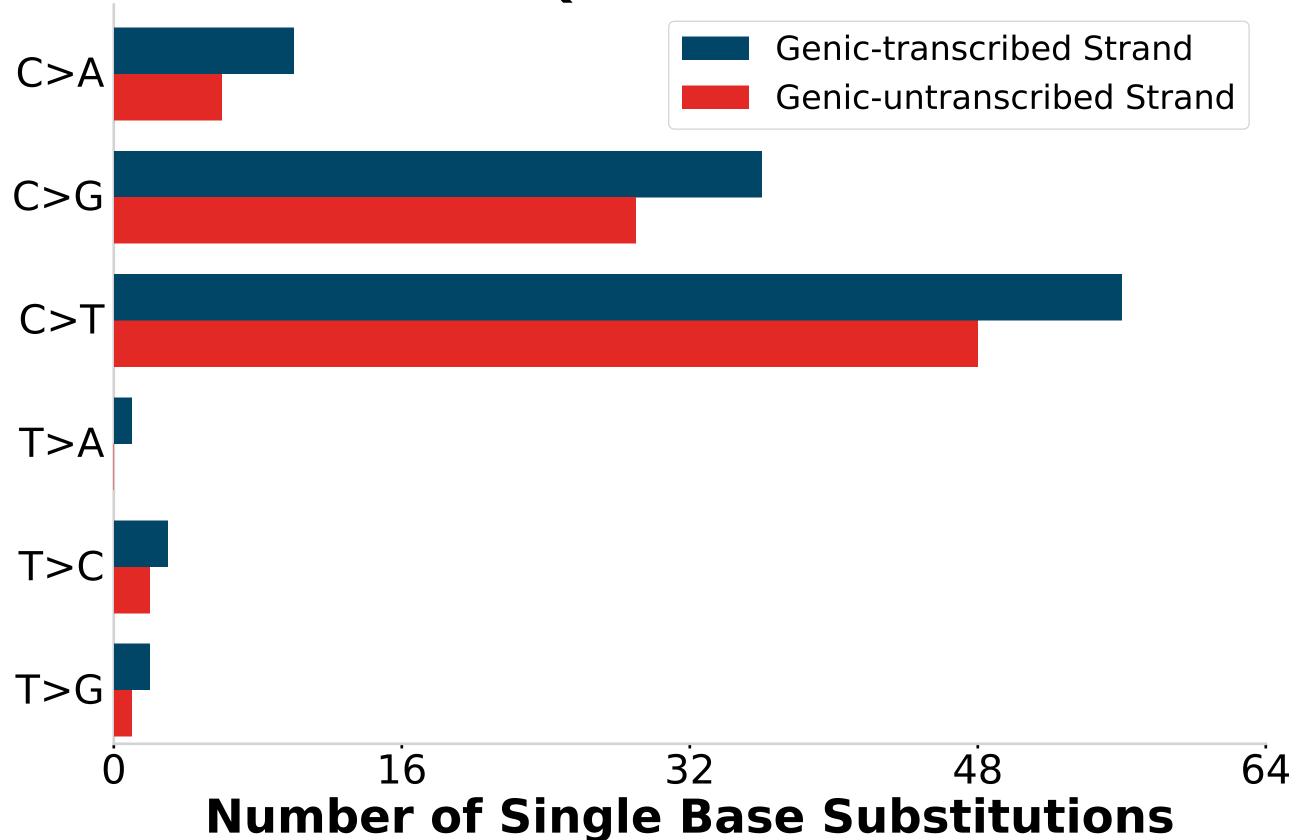
## TCGA-XF-AAMJ-01A-11D-A42E-08: 32 trans



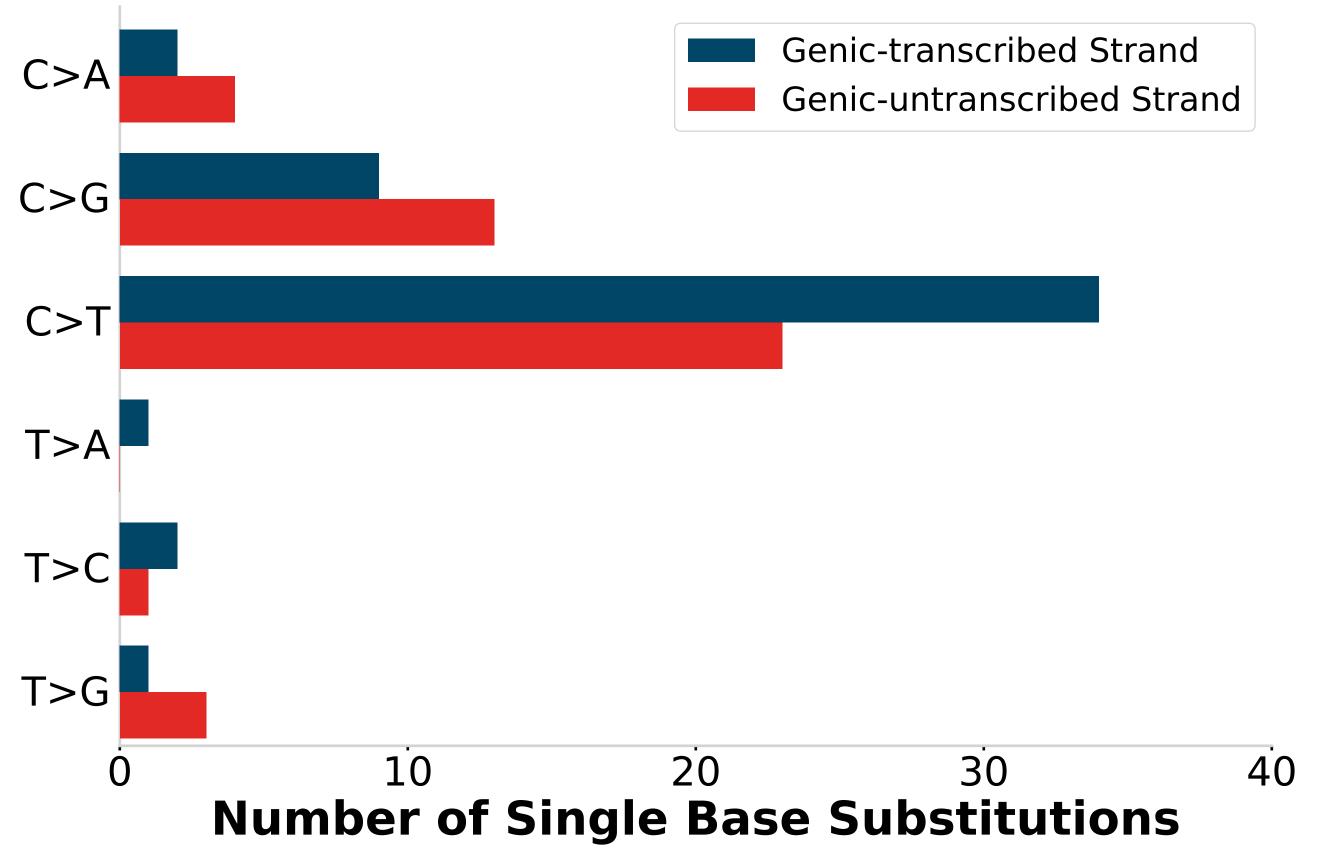
#### TCGA-XF-AAML-01A-11D-A42E-08: 465 tra



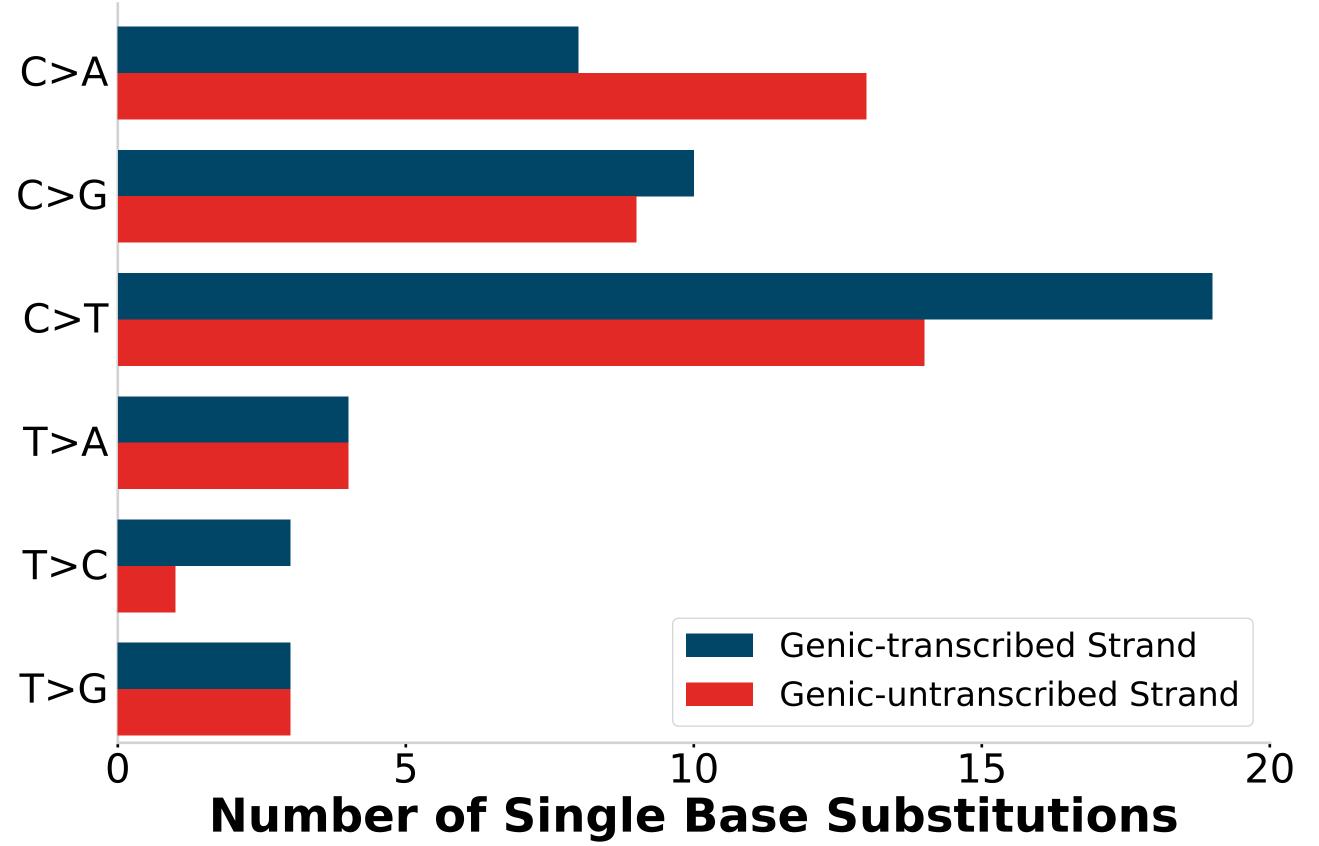
## TCGA-XF-AAMQ-01A-11D-A42E-08: 194 tra



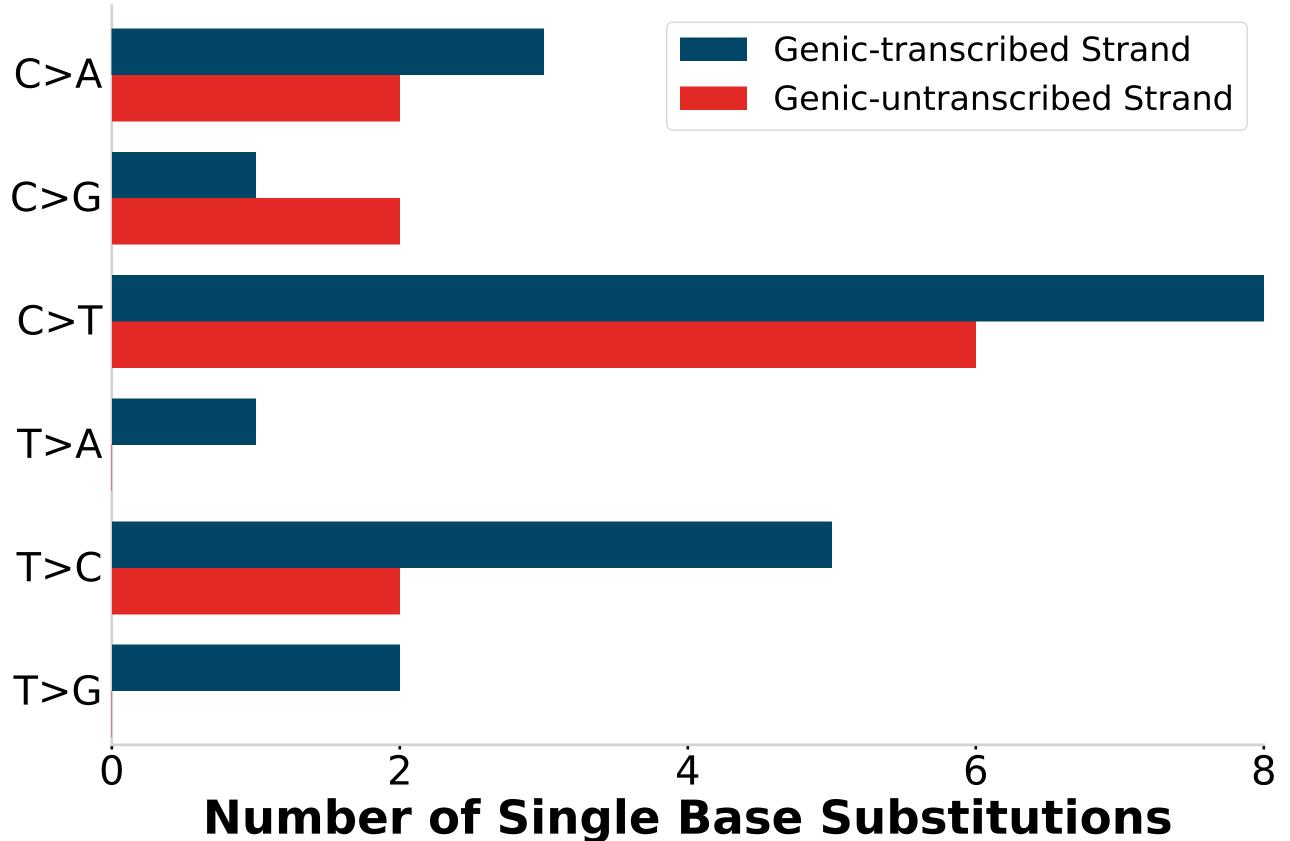
#### TCGA-XF-AAMR-01A-31D-A42E-08: 93 tran



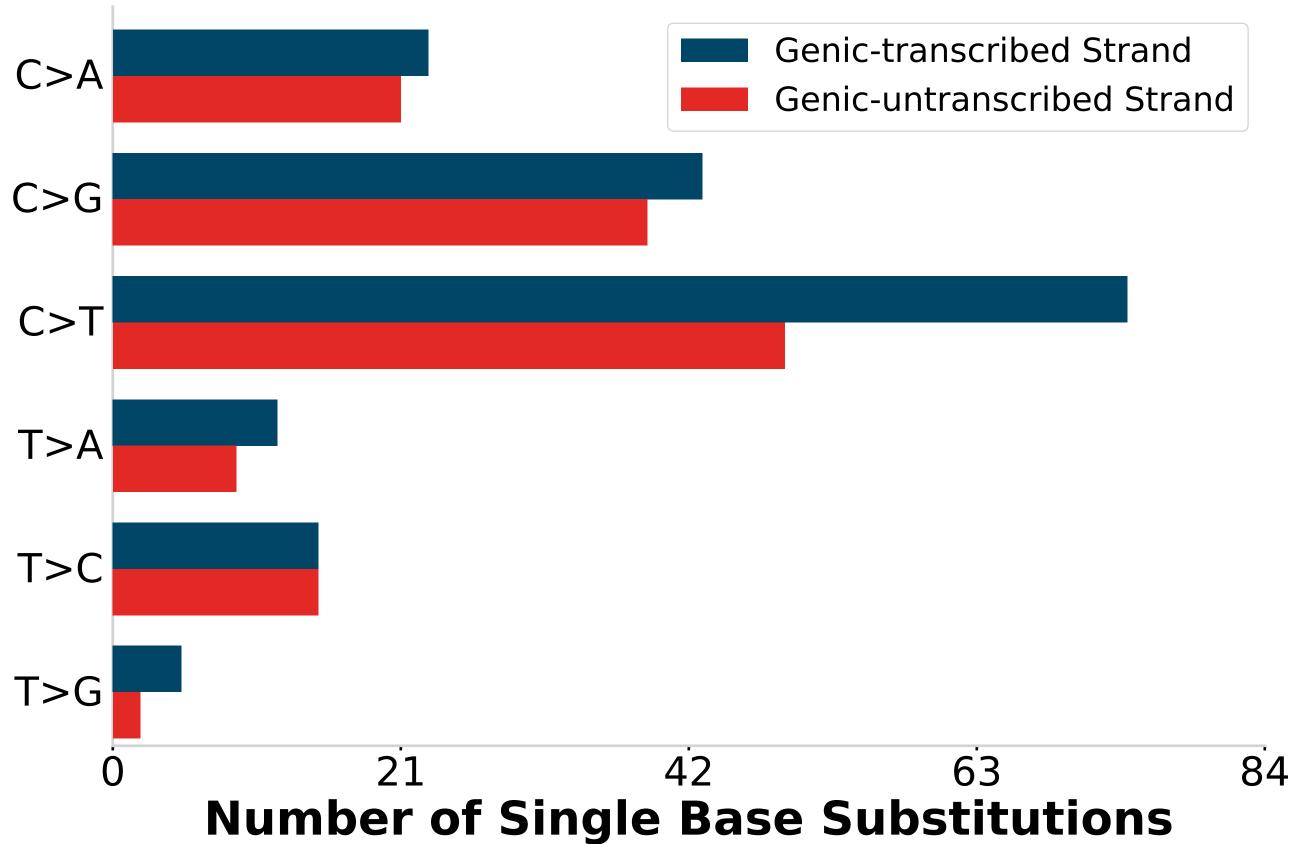
#### TCGA-XF-AAMT-01A-11D-A42E-08: 91 trans



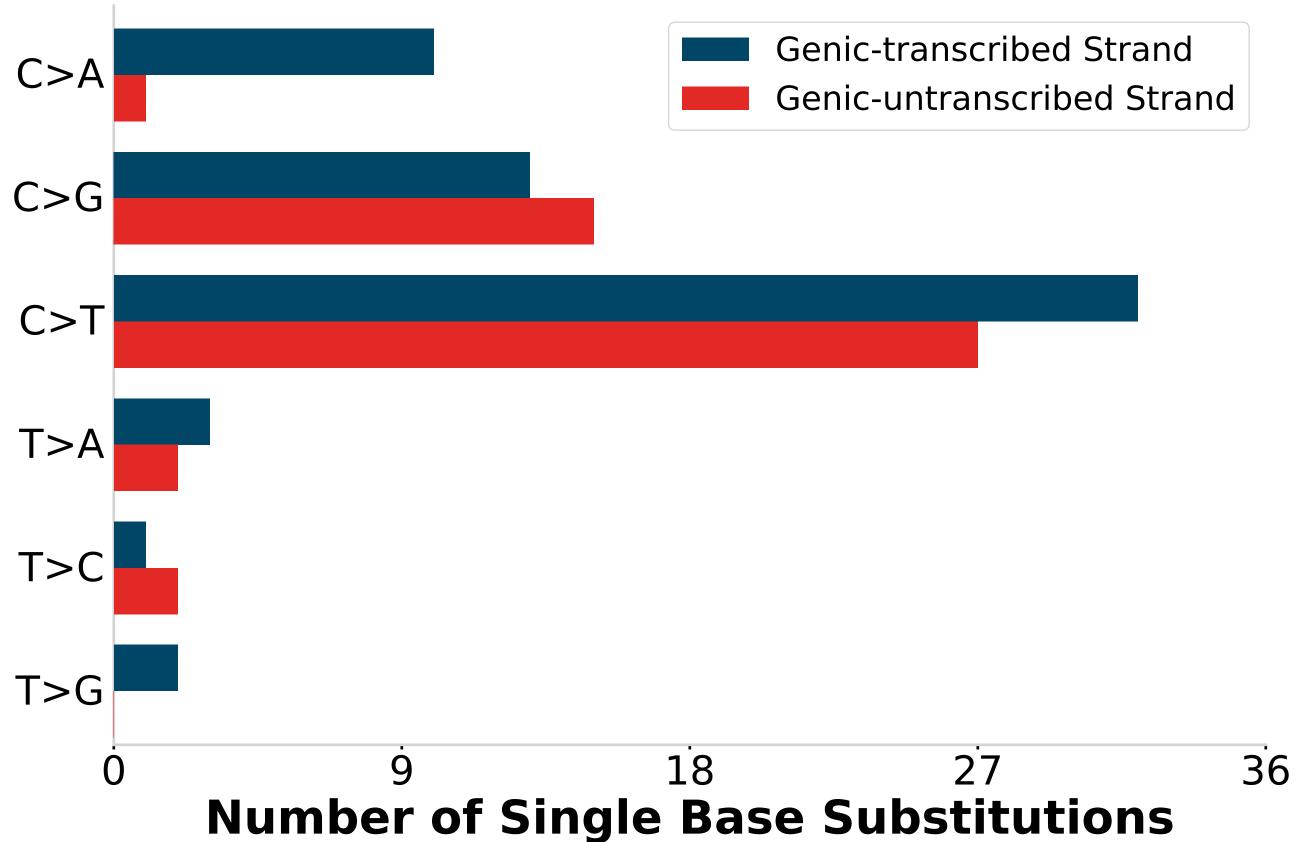
## TCGA-XF-AAMW-01A-11D-A42E-08: 32 trar



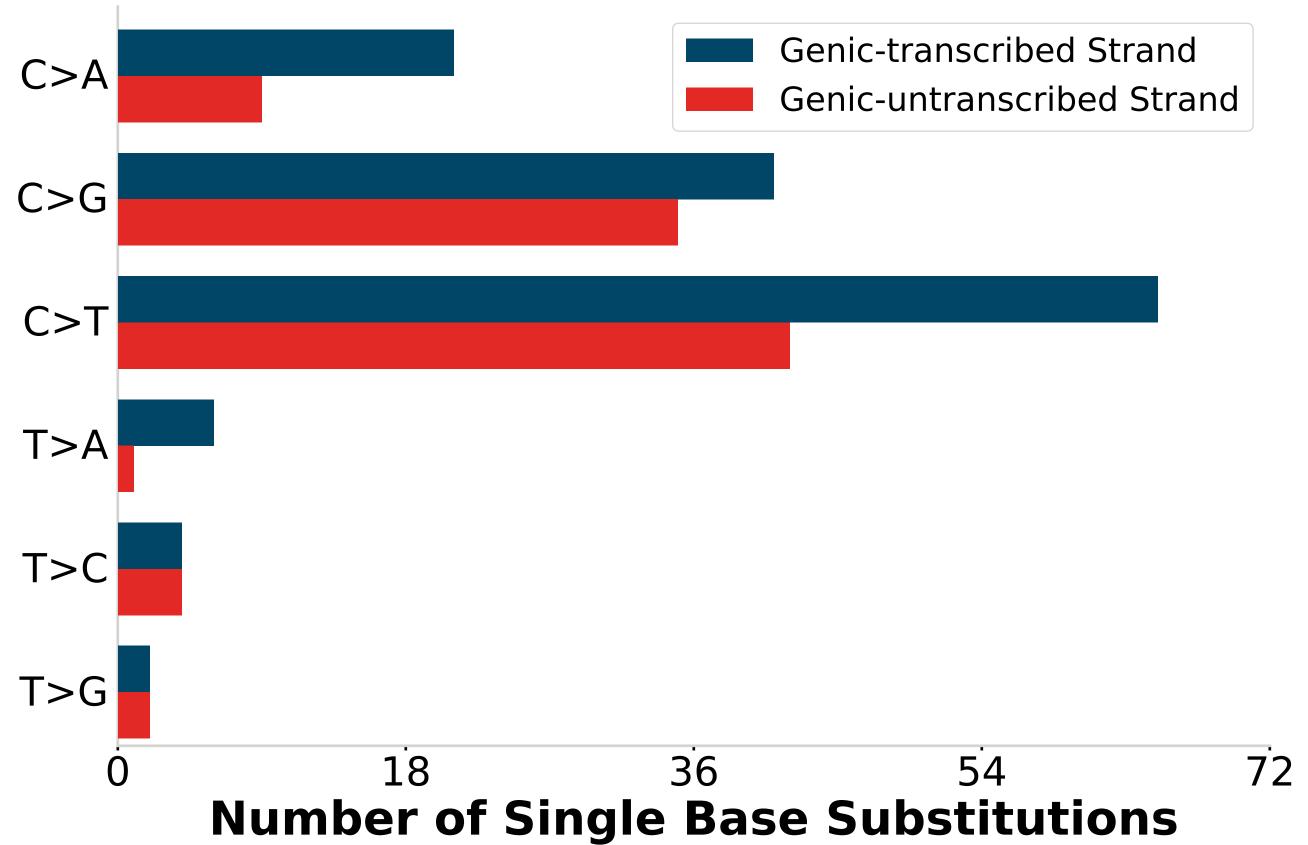
#### TCGA-XF-AAMX-01A-11D-A42E-08: 307 tra



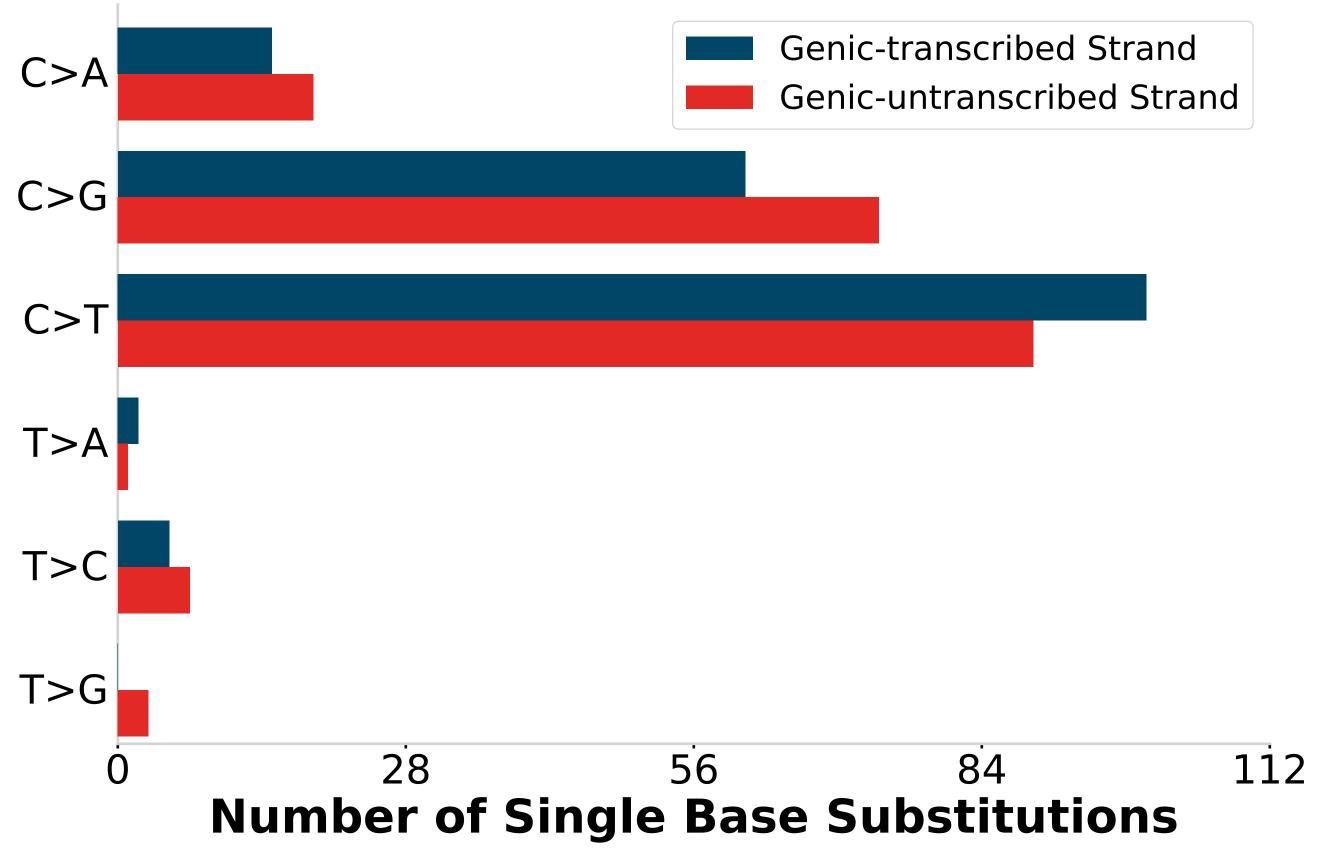
## TCGA-XF-AAMY-01A-11D-A42E-08: 108 trail



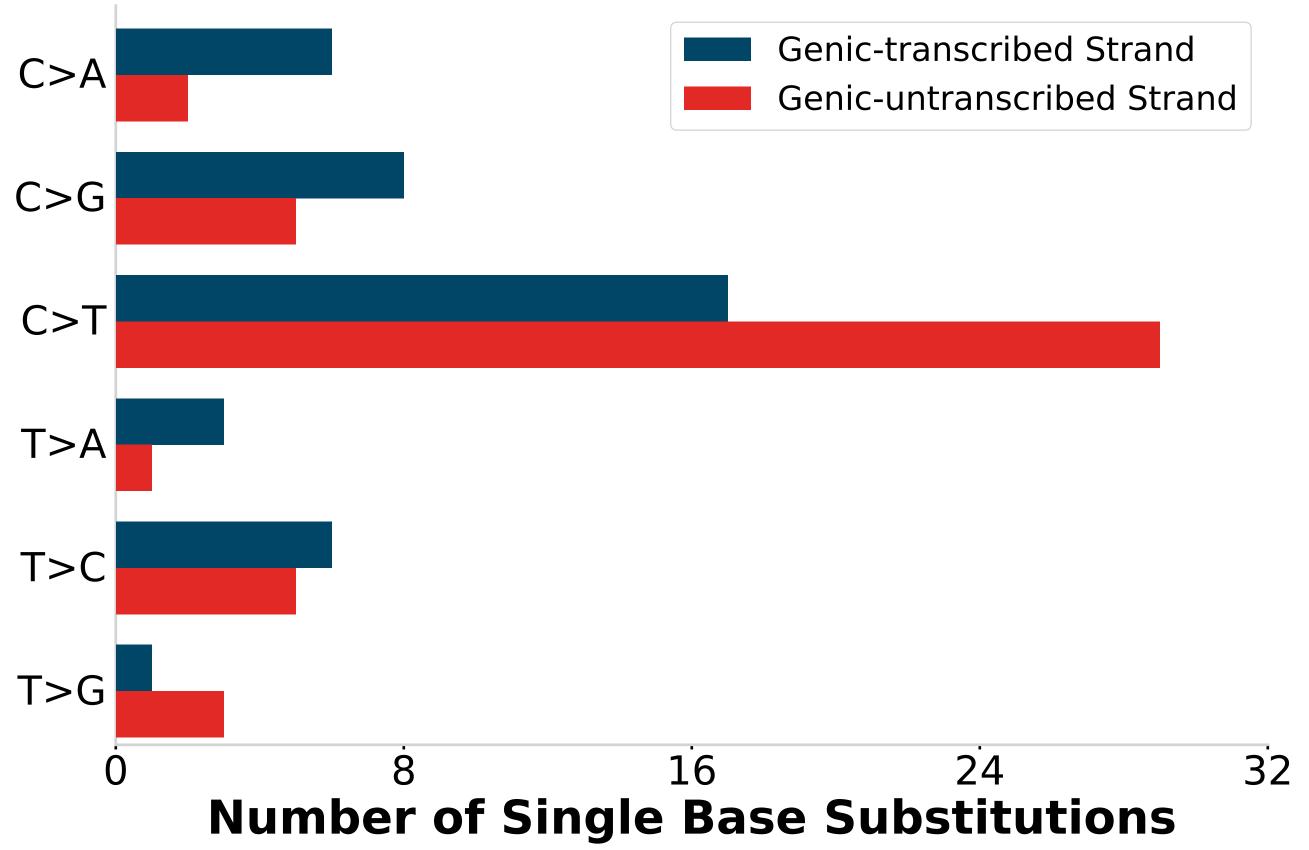
#### TCGA-XF-AAMZ-01A-11D-A42E-08: 232 tra



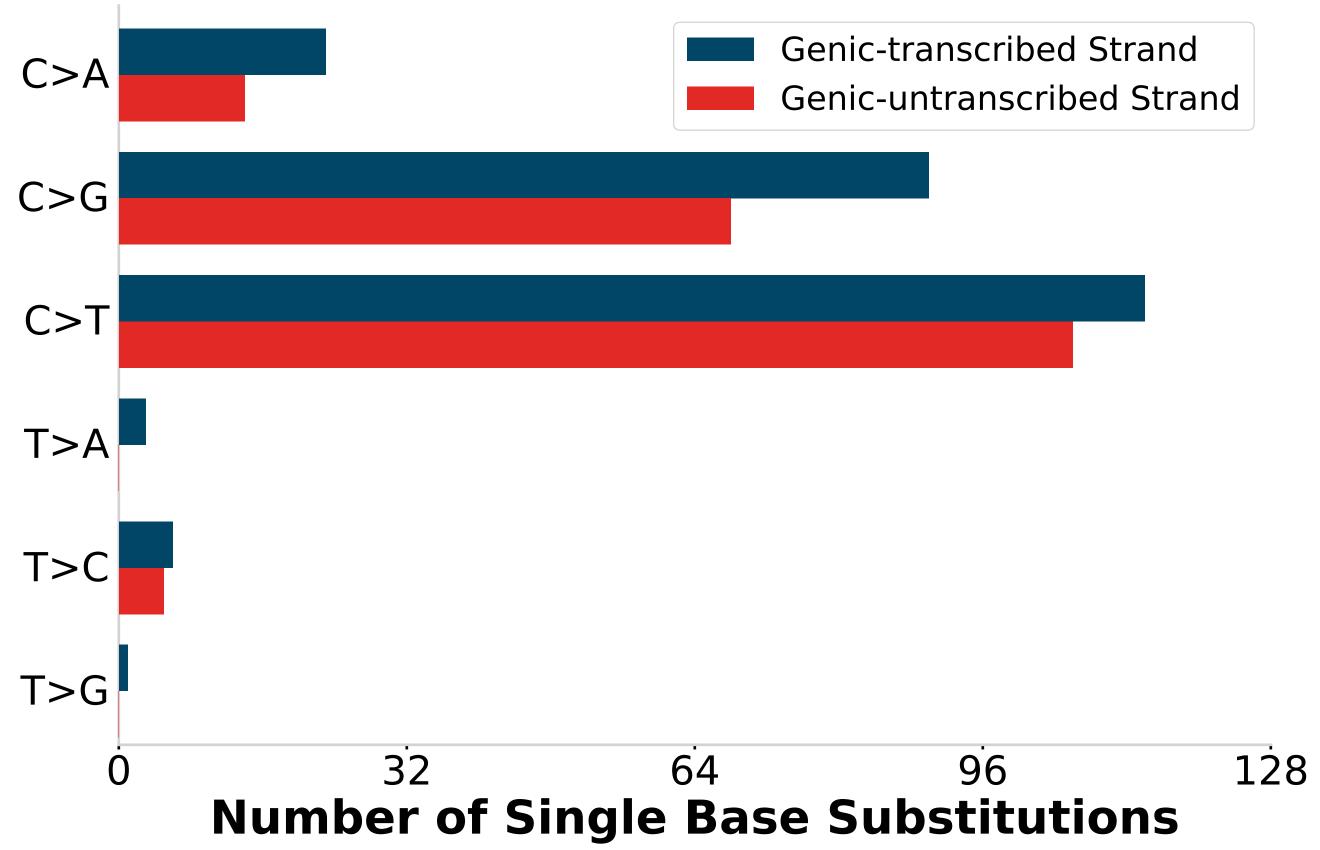
# TCGA-XF-AAN0-01A-11D-A42E-08: 376 trail



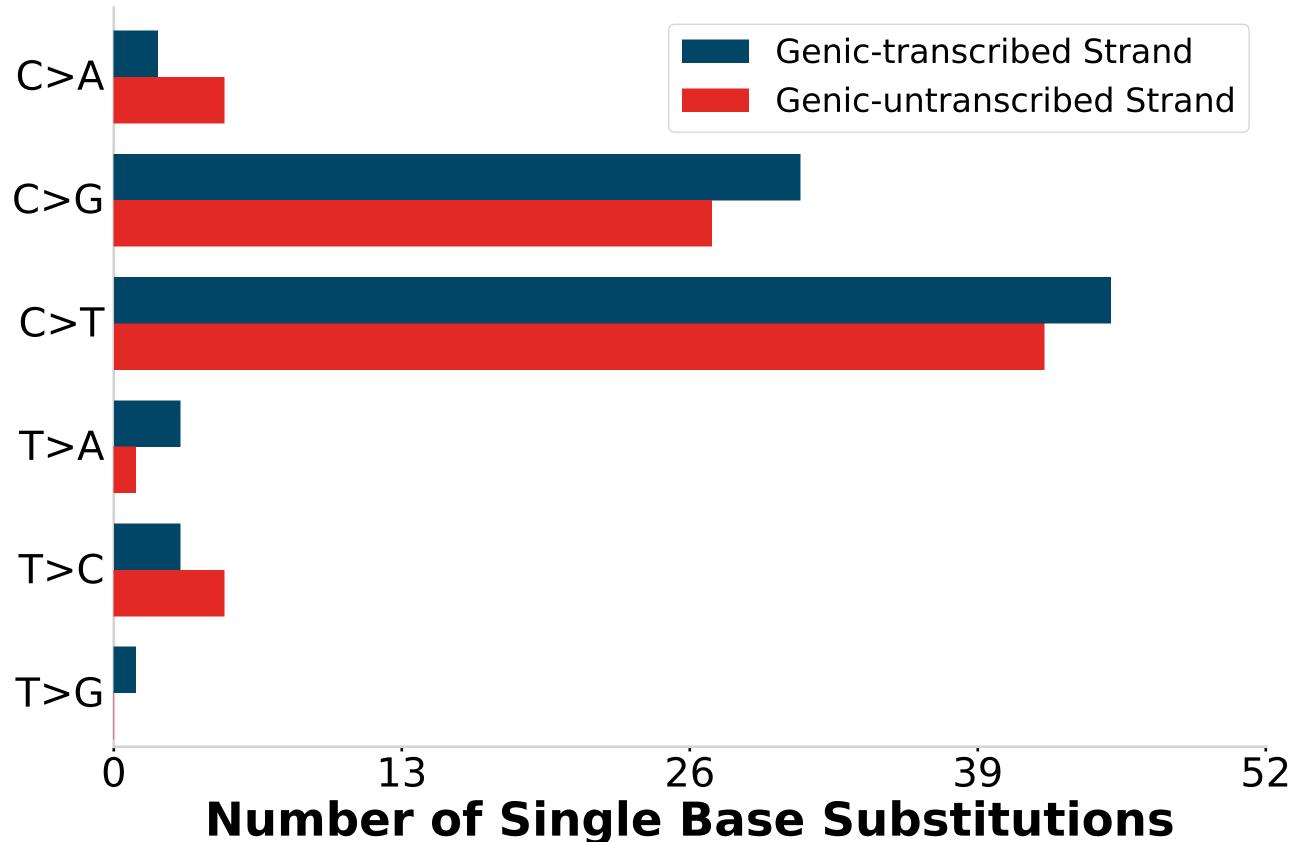
## TCGA-XF-AAN1-01A-31D-A42E-08: 86 trans



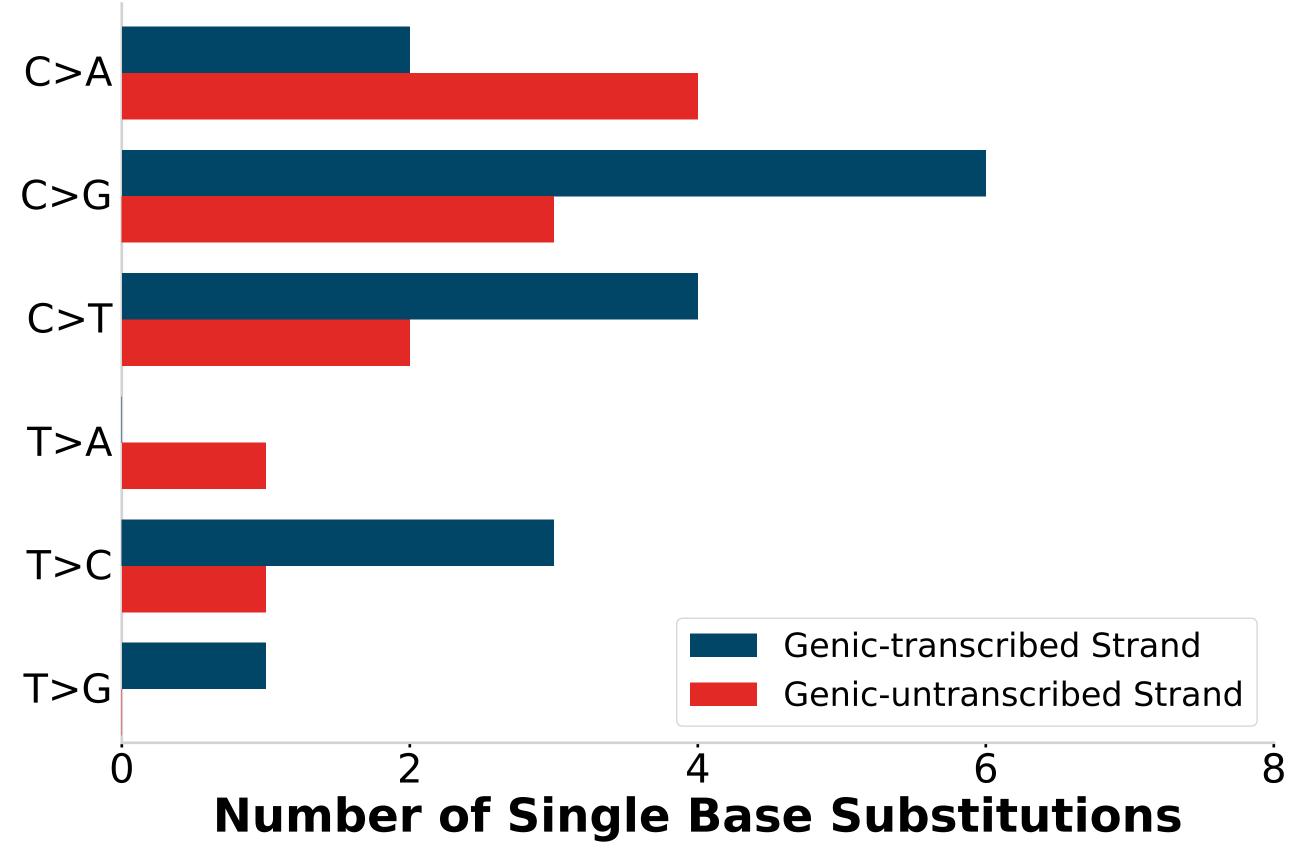
## TCGA-XF-AAN2-01A-11D-A42E-08: 430 trai



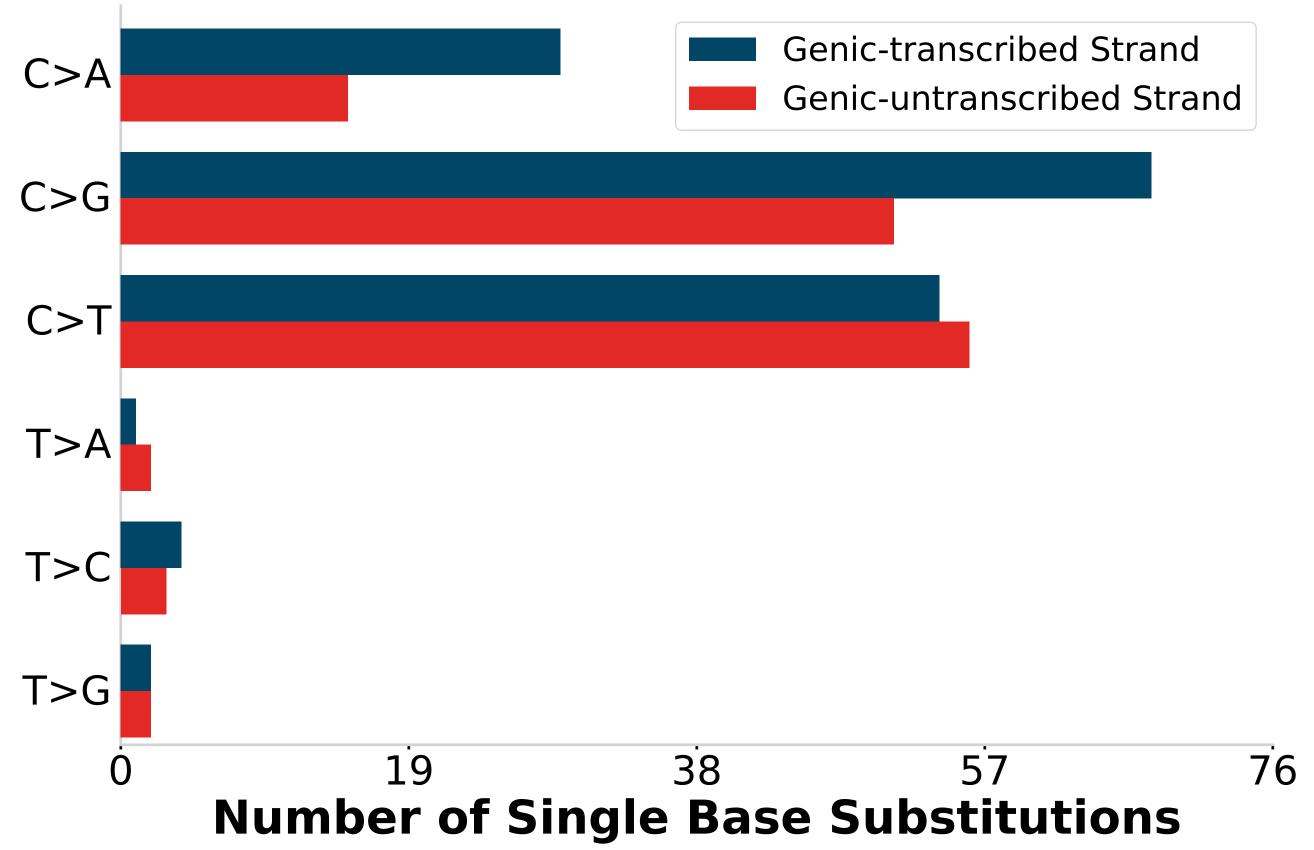
## TCGA-XF-AAN3-01A-11D-A42E-08: 165 trail



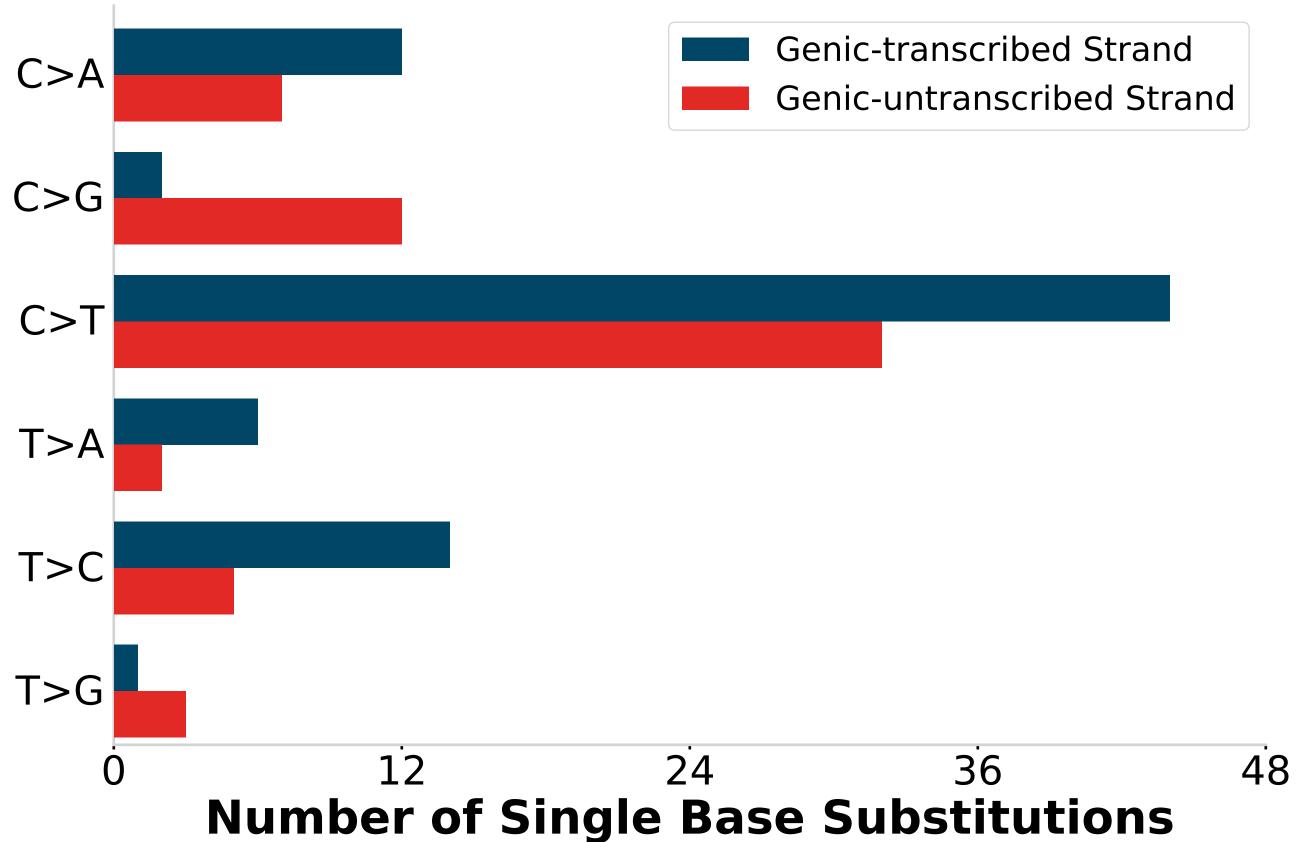
#### TCGA-XF-AAN4-01A-11D-A42E-08: 27 trans



## TCGA-XF-AAN5-01A-11D-A42E-08: 287 trail



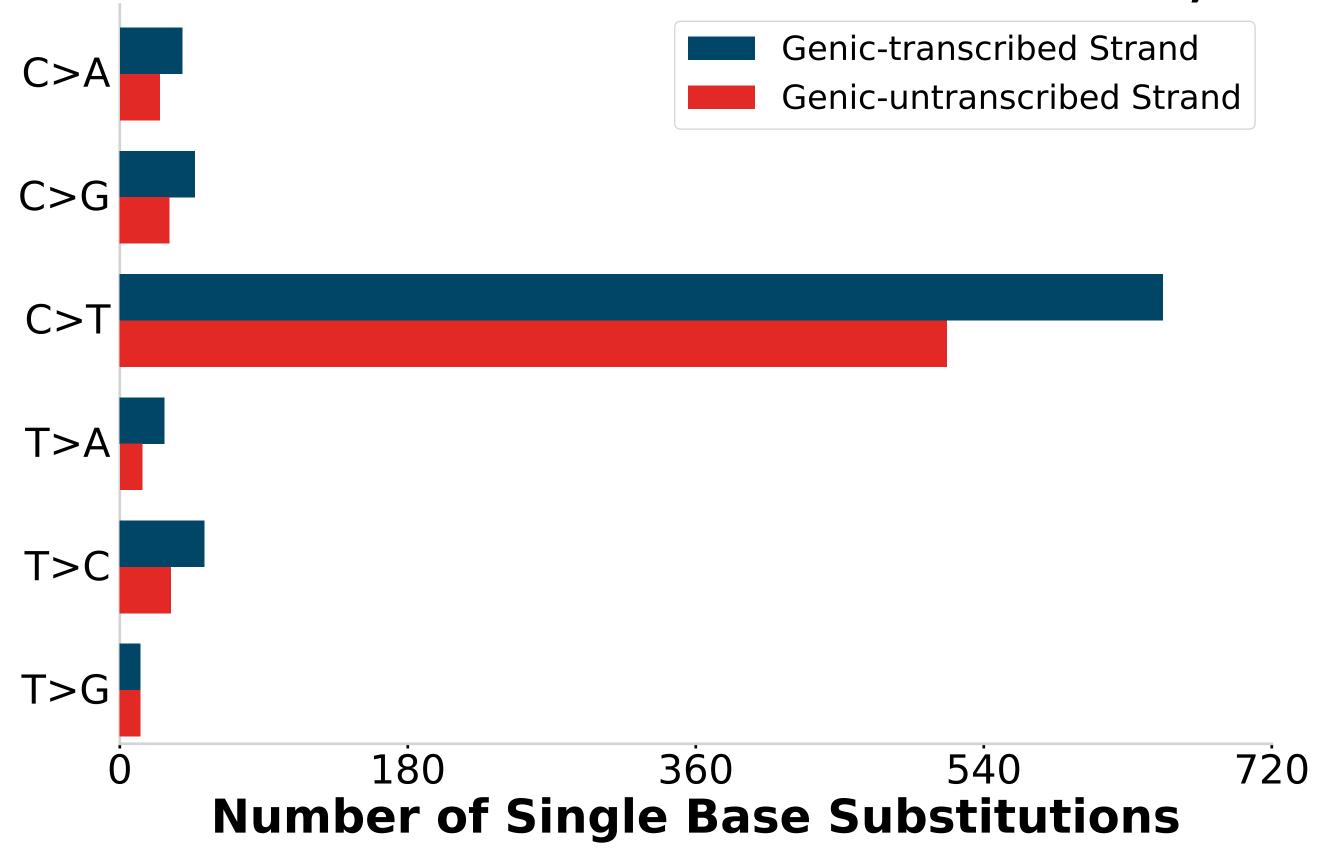
## TCGA-XF-AAN7-01A-11D-A42E-08: 140 trail



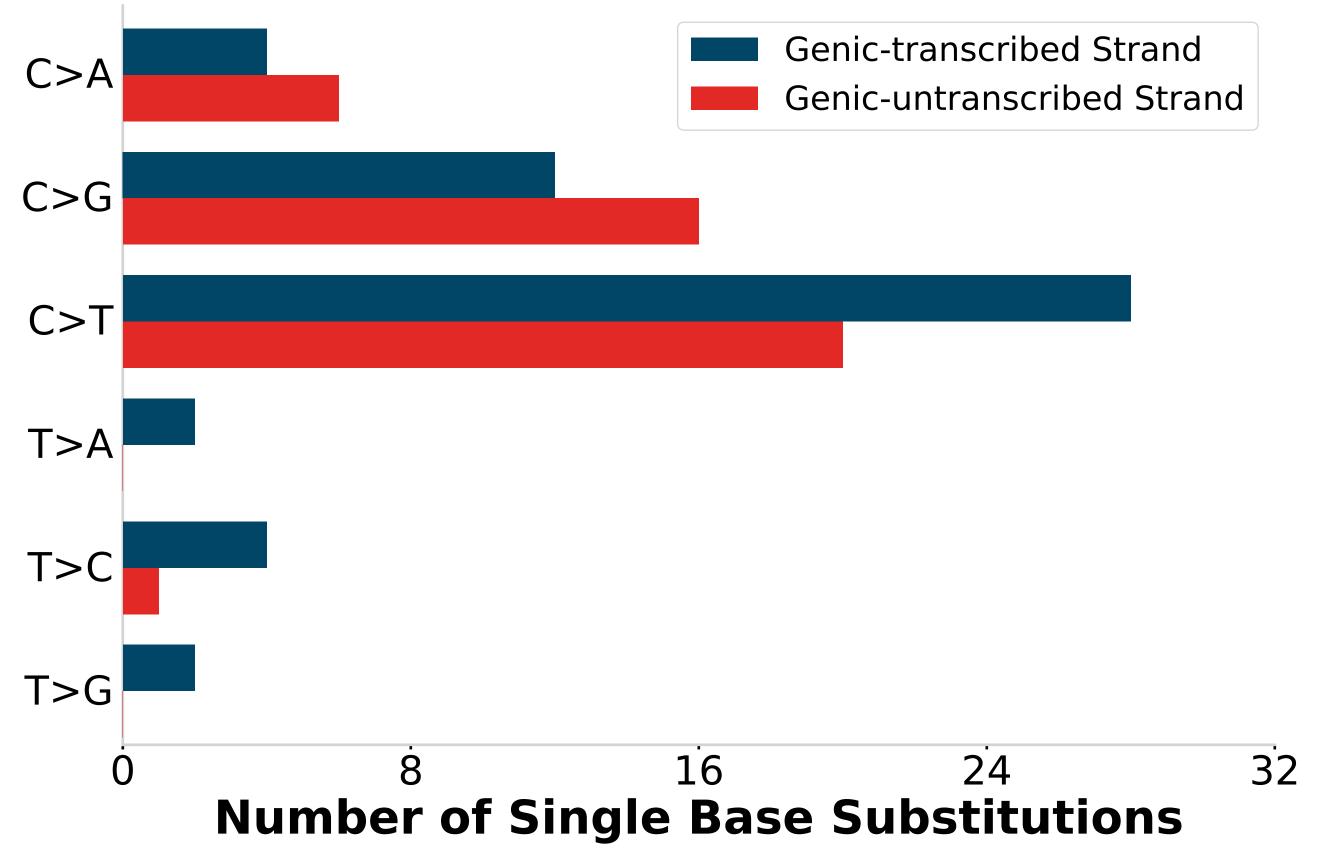
#### TCGA-XF-AAN8-01A-11D-A42E-08: 1 transc



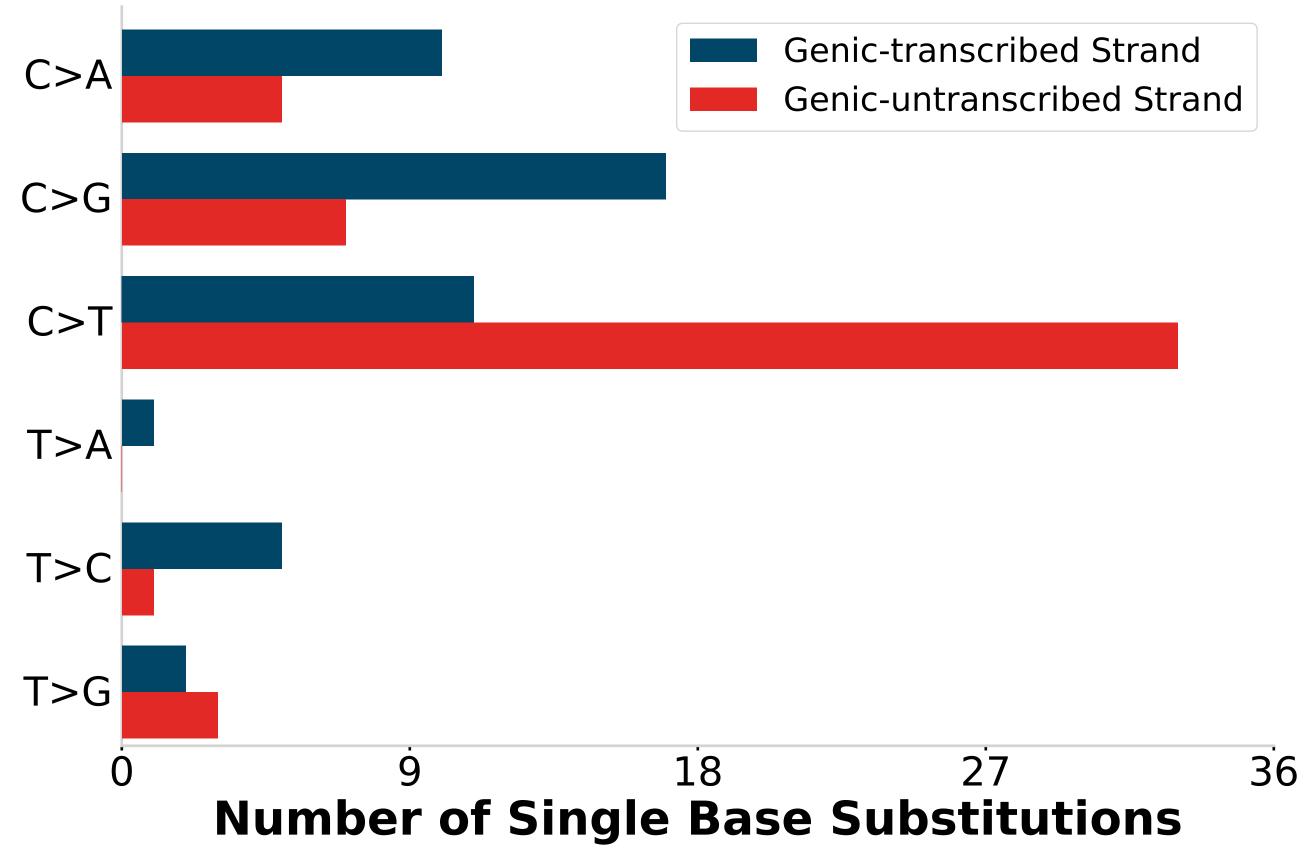
# TCGA-YC-A89H-01A-11D-A364-08: 1,464 tr



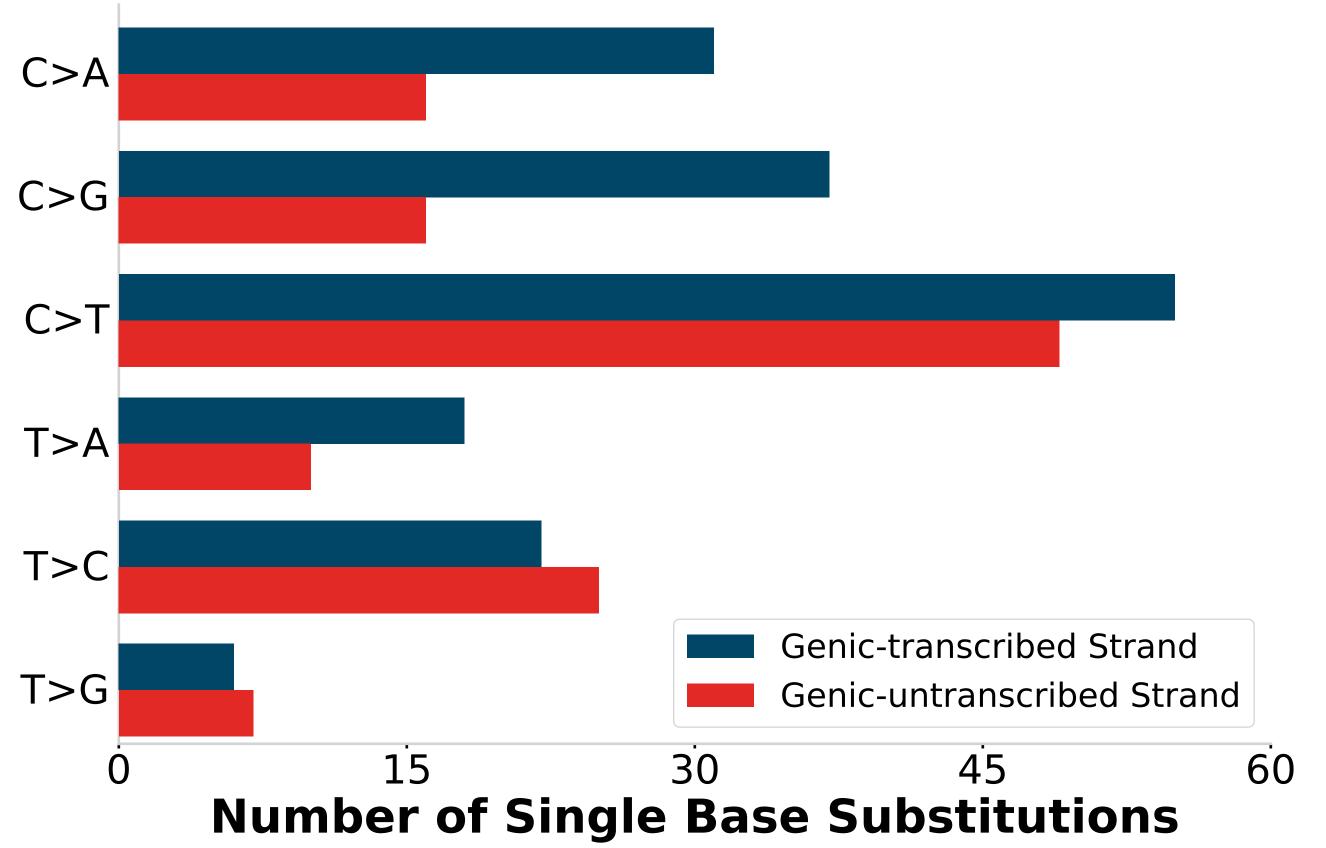
#### TCGA-YC-A8S6-01A-31D-A38G-08: 95 trans



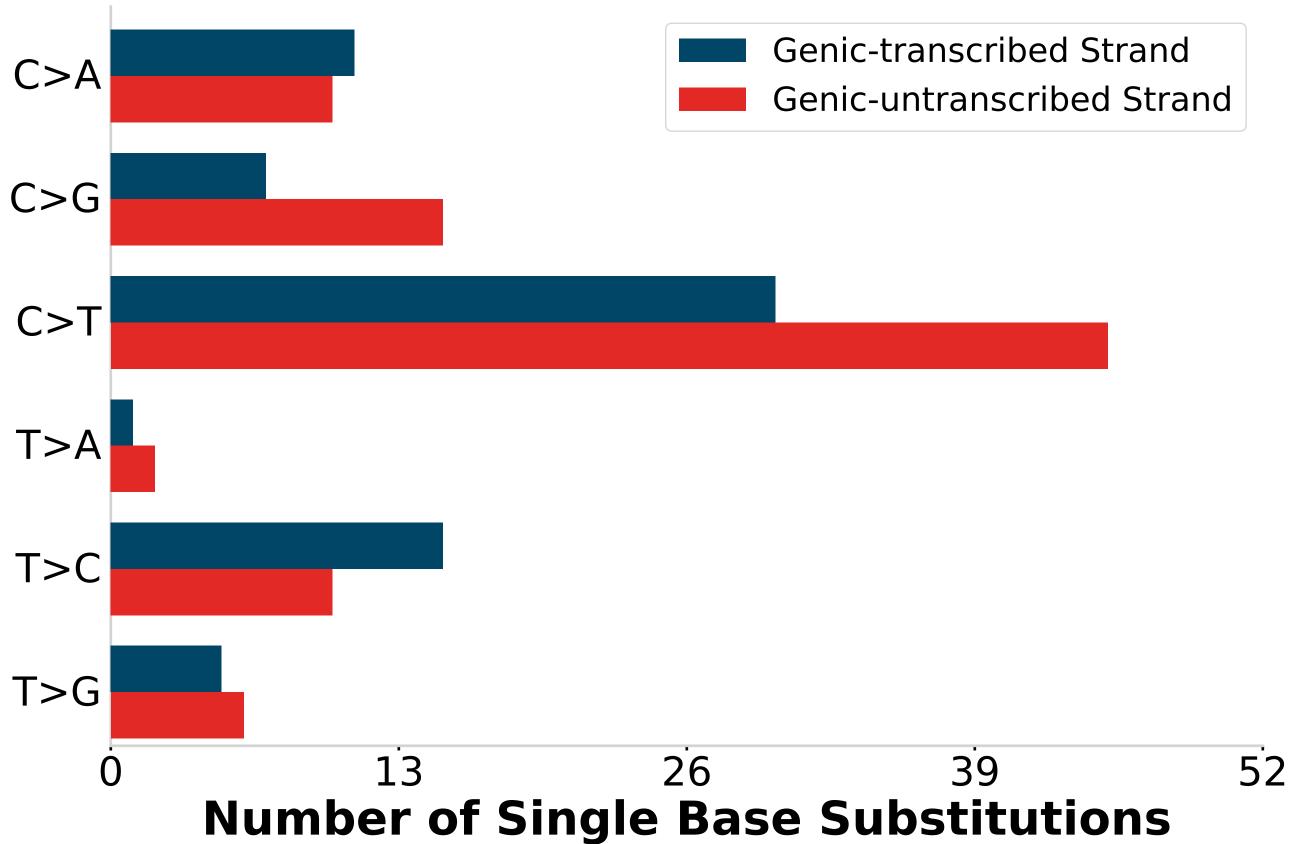
#### TCGA-YC-A9TC-01A-22D-A391-08: 95 trans



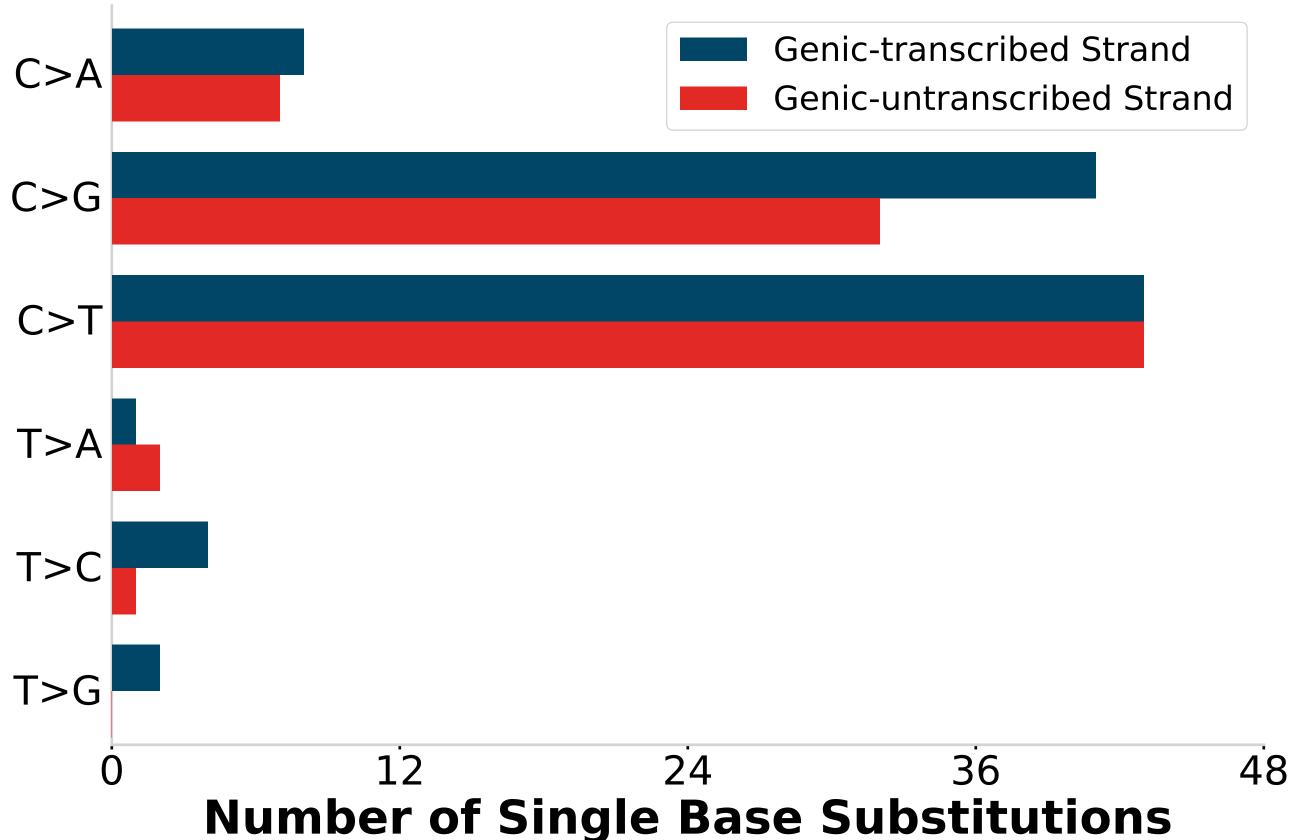
## TCGA-YF-AA3L-01A-11D-A38G-08: 292 trar



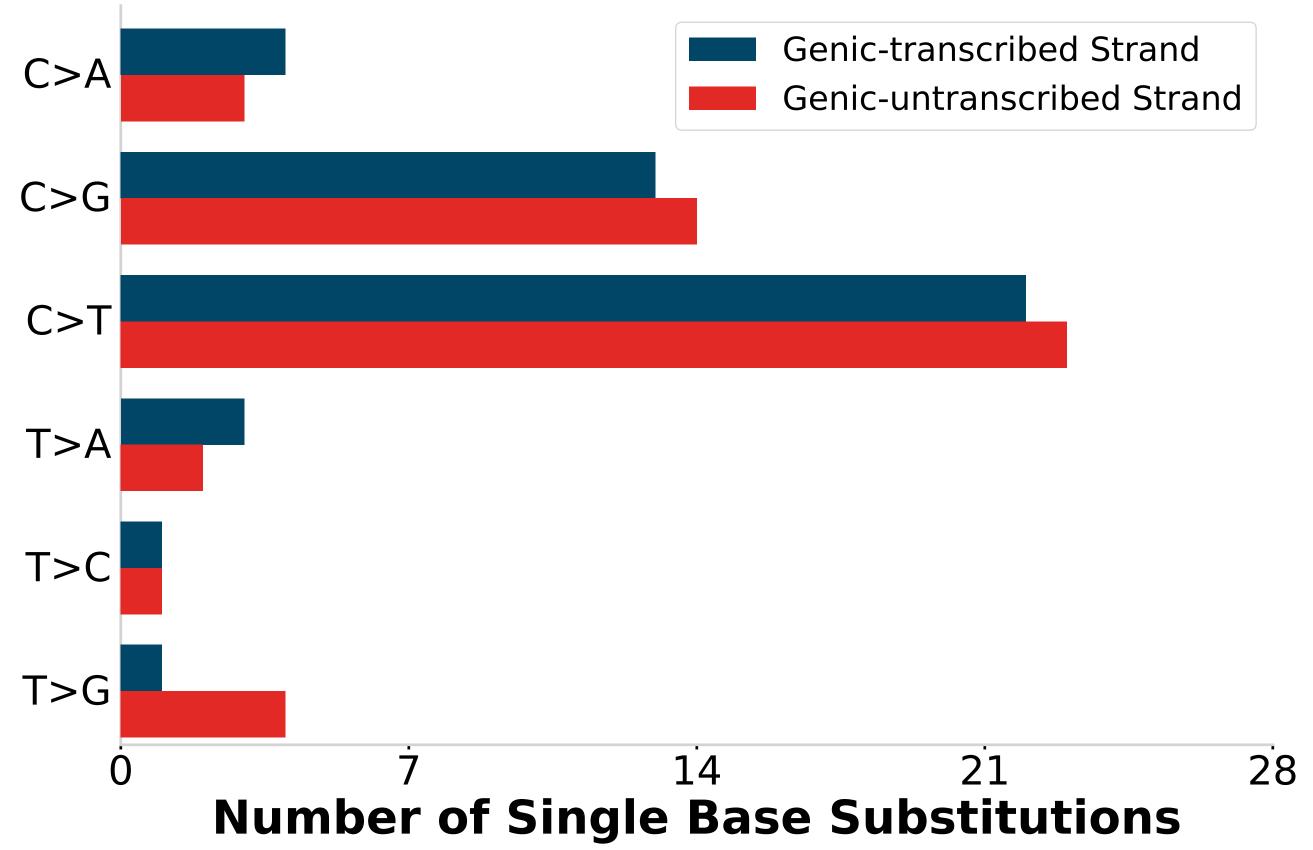
## TCGA-YF-AA3M-01A-11D-A42E-08: 157 trail



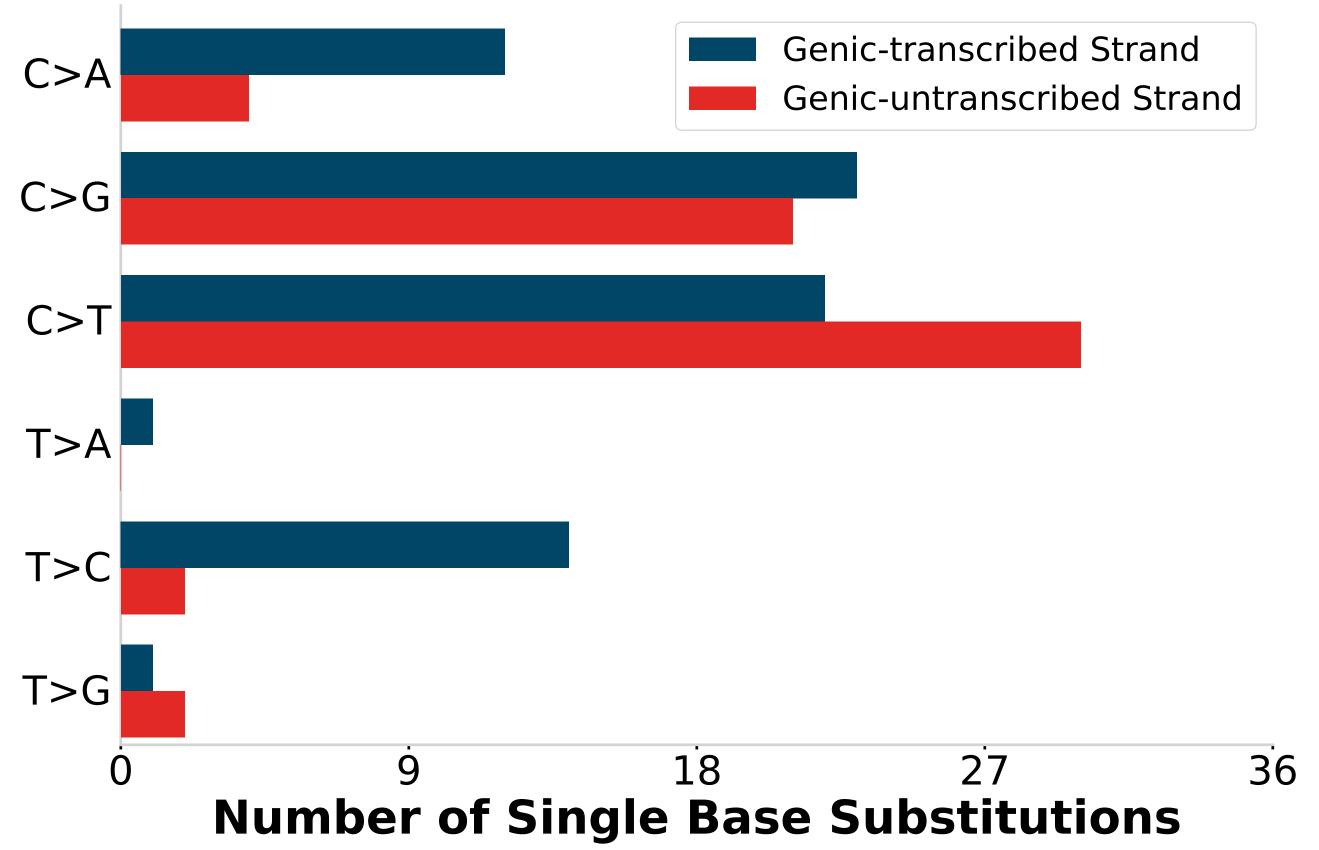
## TCGA-ZF-A9R0-01A-11D-A38G-08: 184 trail



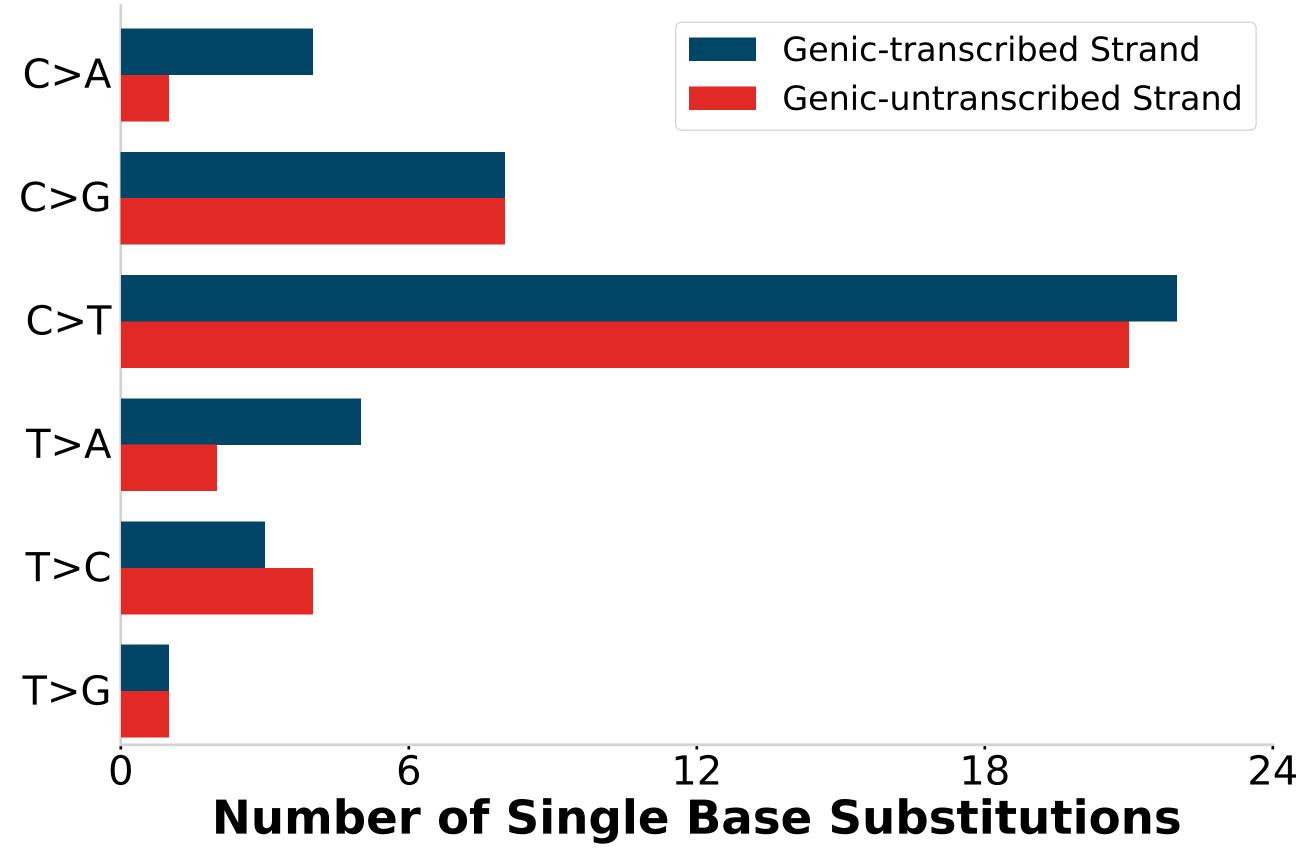
#### TCGA-ZF-A9R1-01A-11D-A391-08: 91 trans



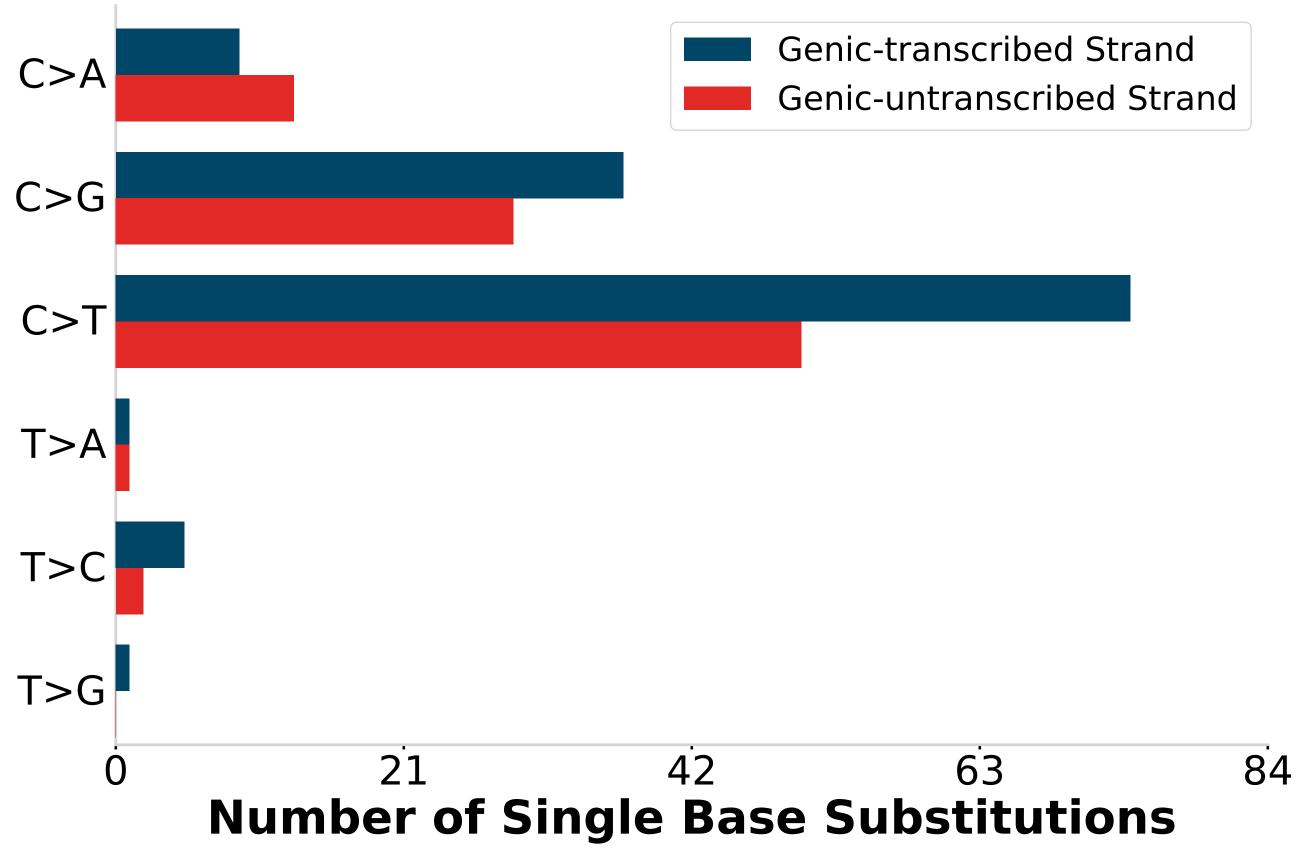
## TCGA-ZF-A9R2-01A-11D-A391-08: 132 tran



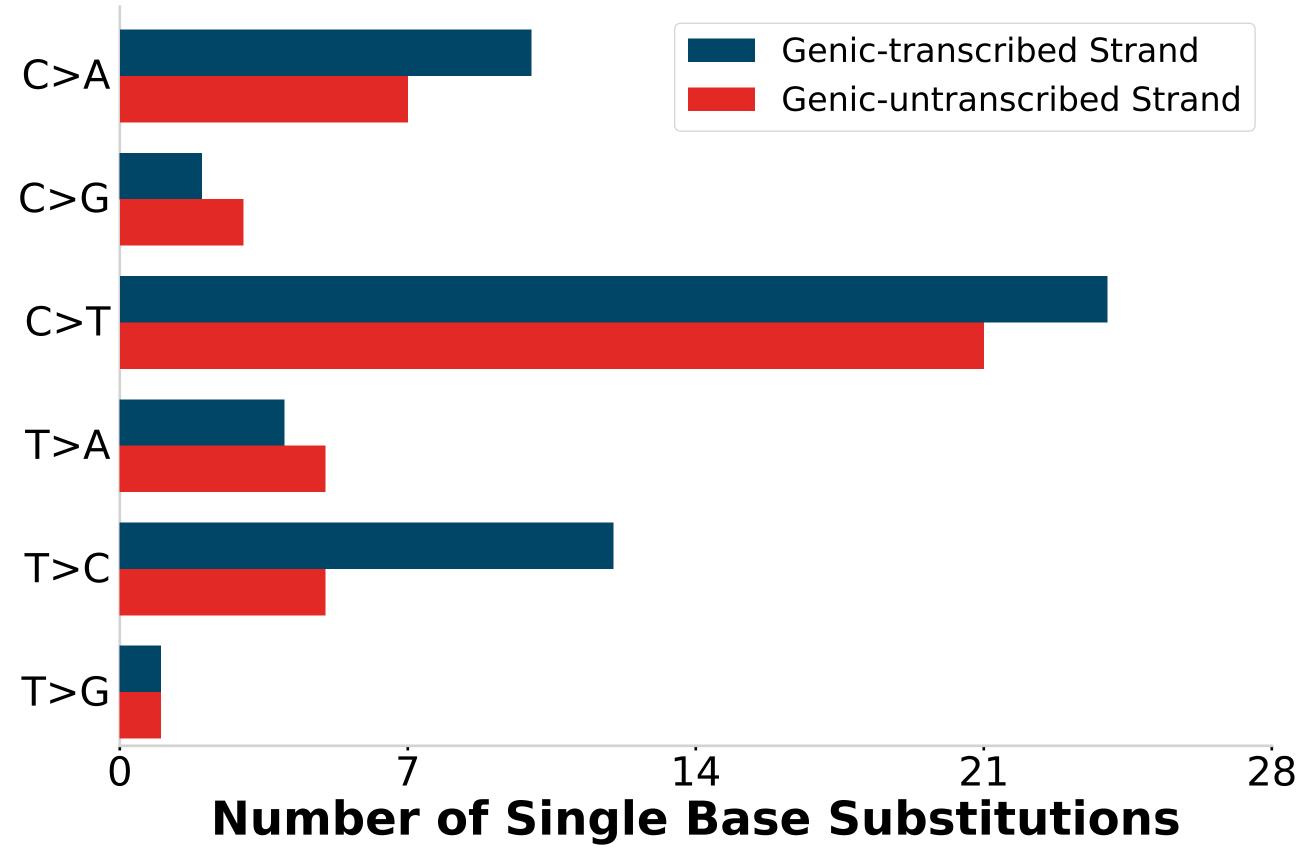
#### TCGA-ZF-A9R3-01A-11D-A38G-08: 80 trans



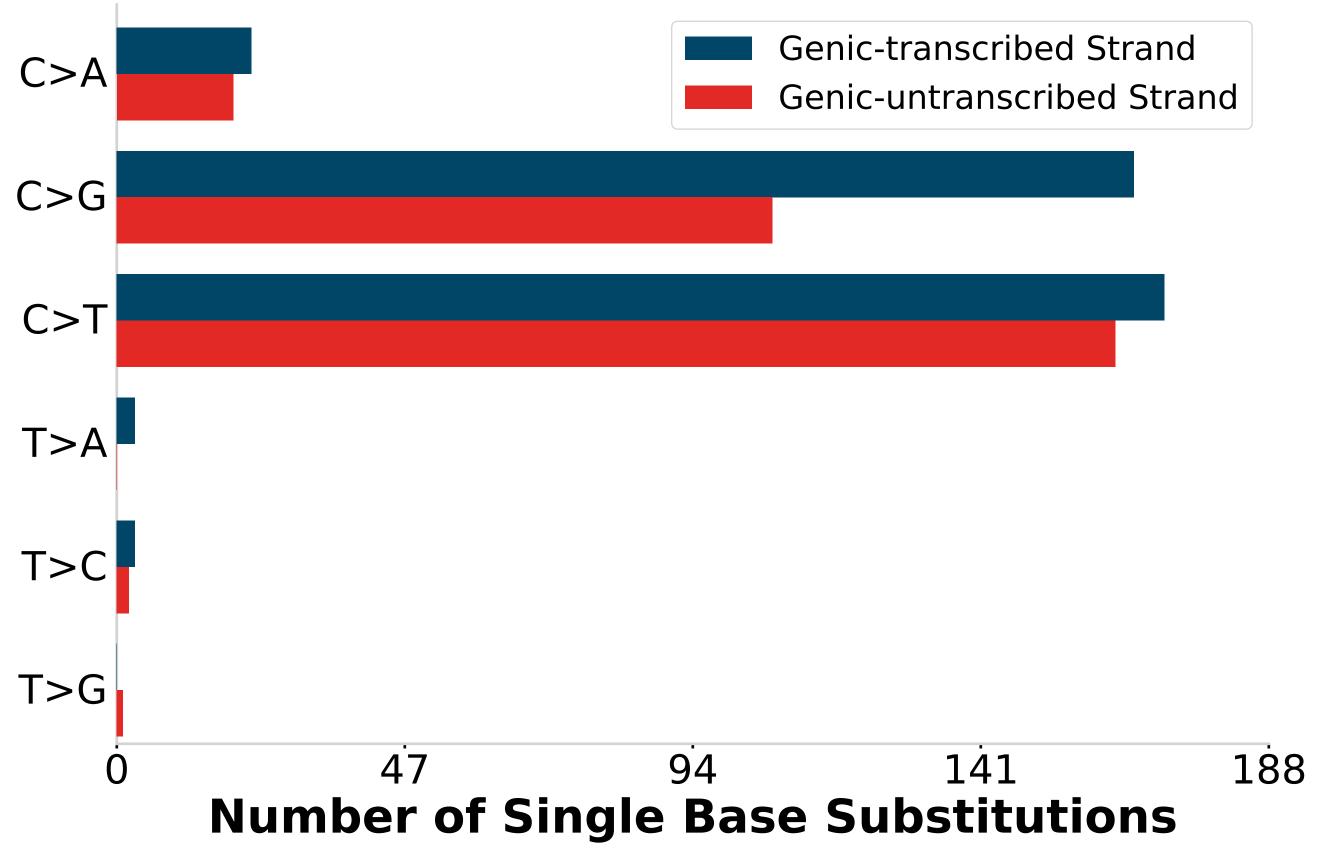
## TCGA-ZF-A9R4-01A-11D-A38G-08: 222 trail



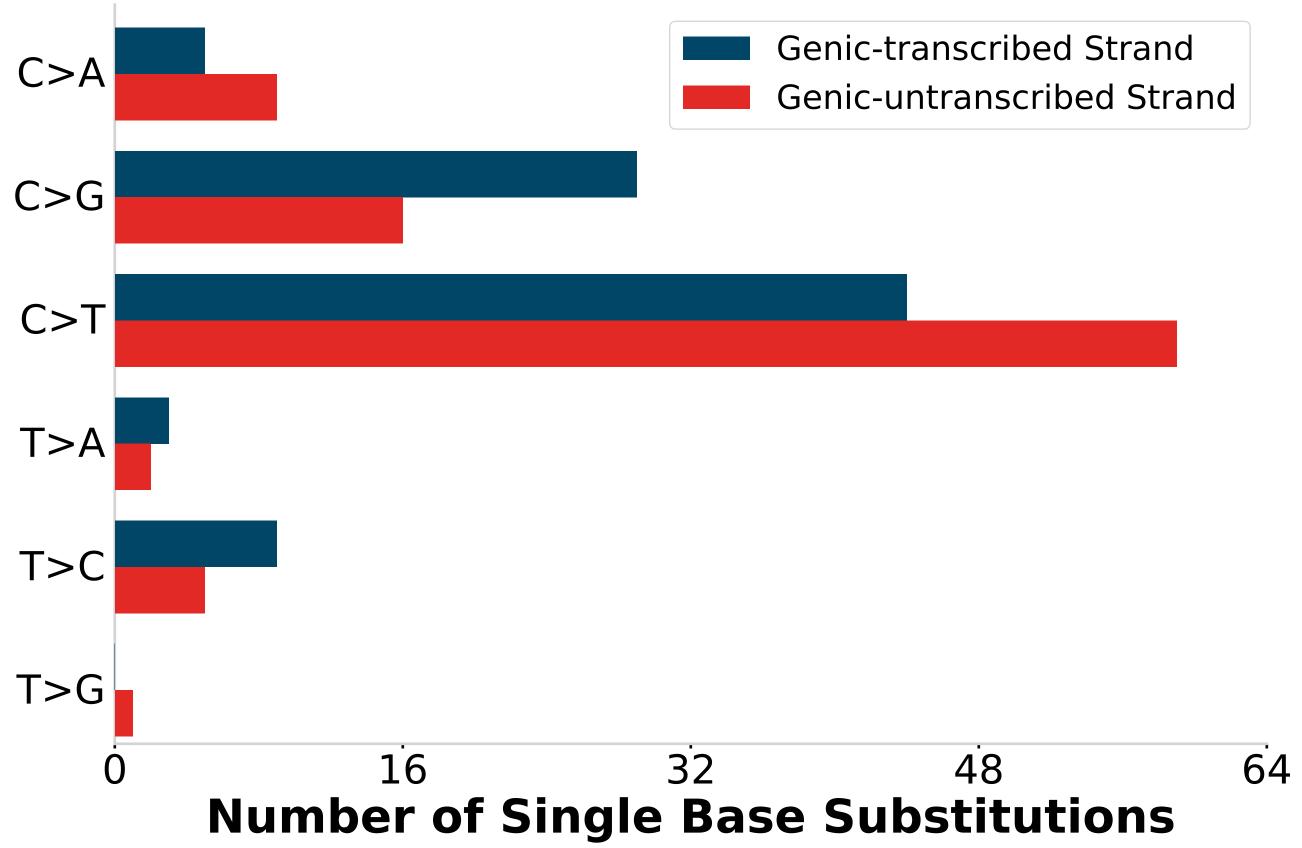
#### TCGA-ZF-A9R5-01A-12D-A42E-08: 95 trans



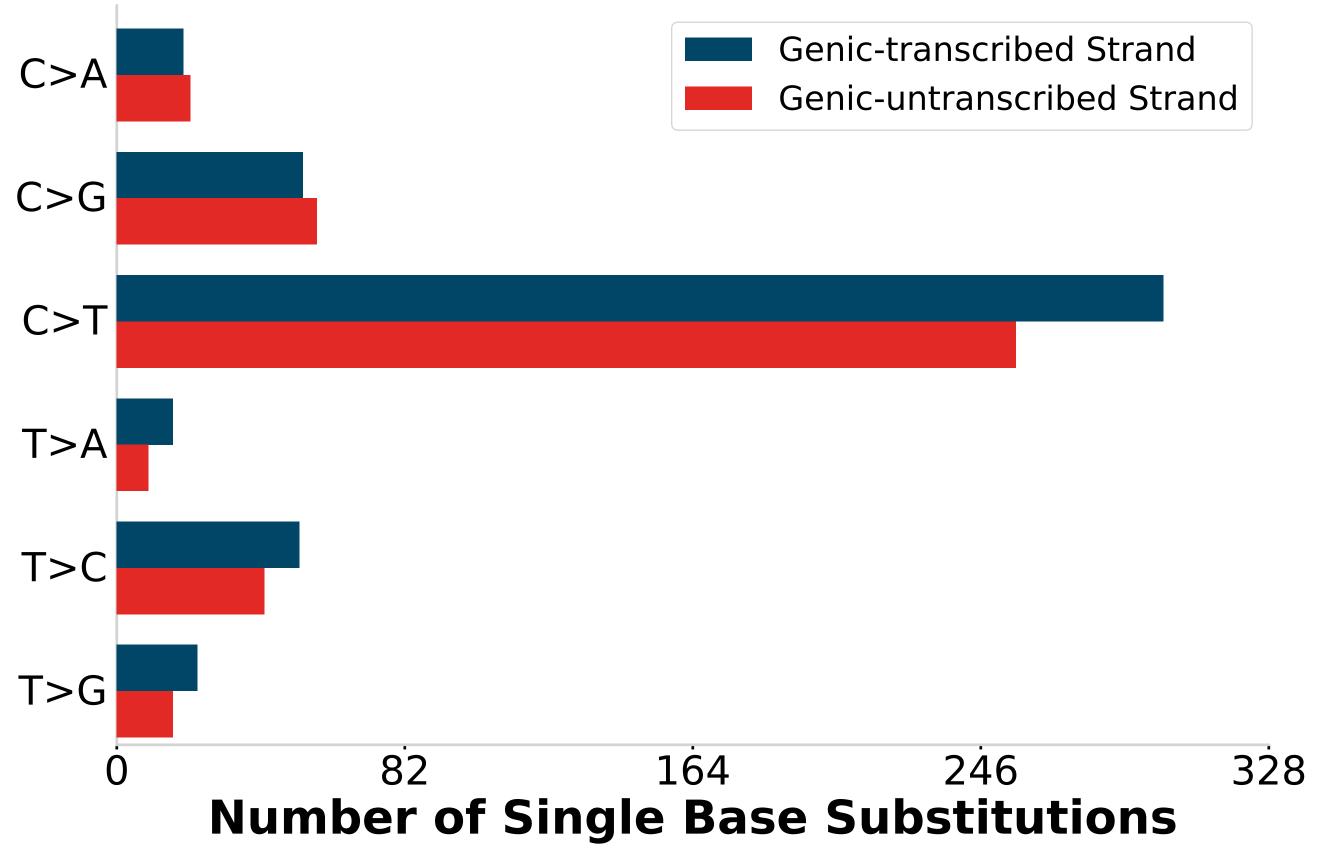
# TCGA-ZF-A9R7-01A-11D-A38G-08: 657 trail



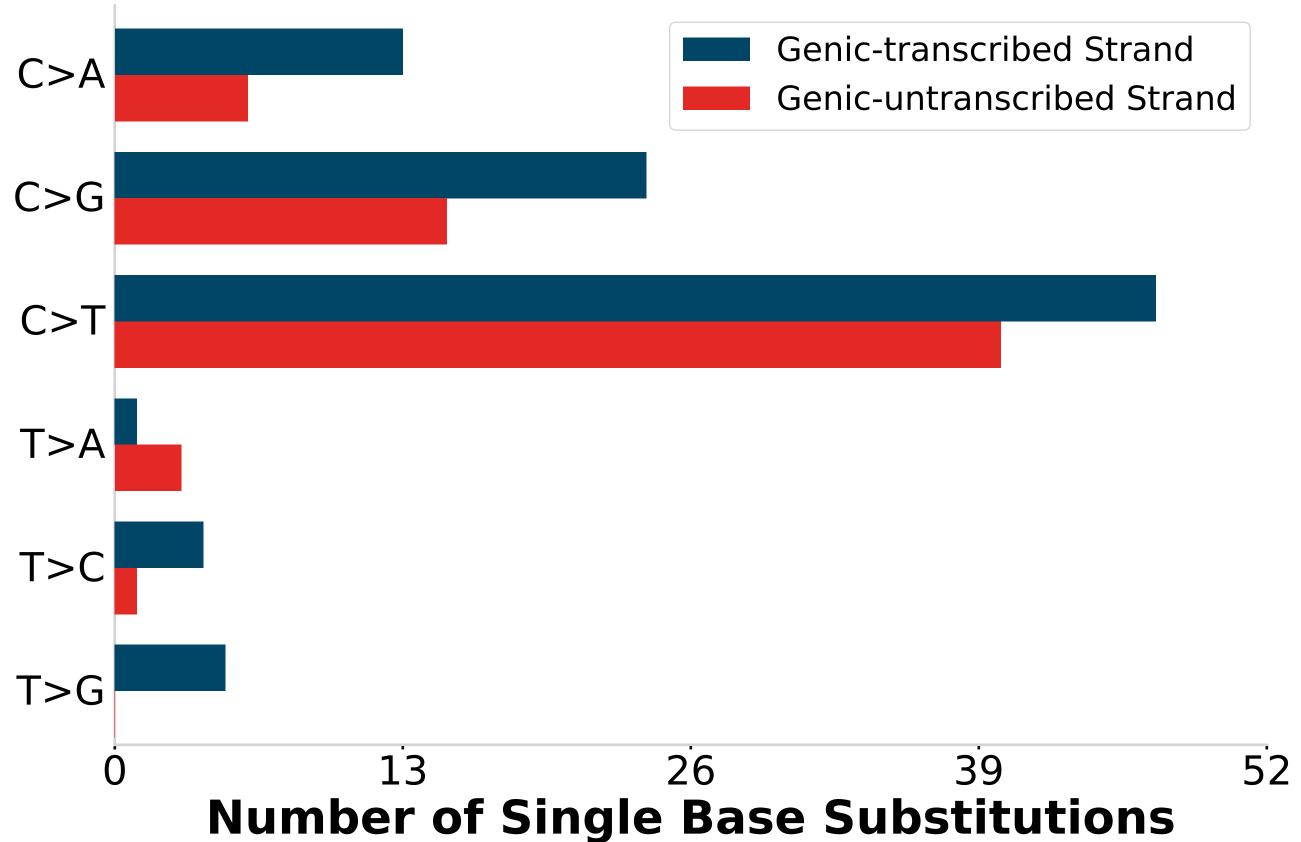
# TCGA-ZF-A9R9-01A-11D-A38G-08: 182 trail



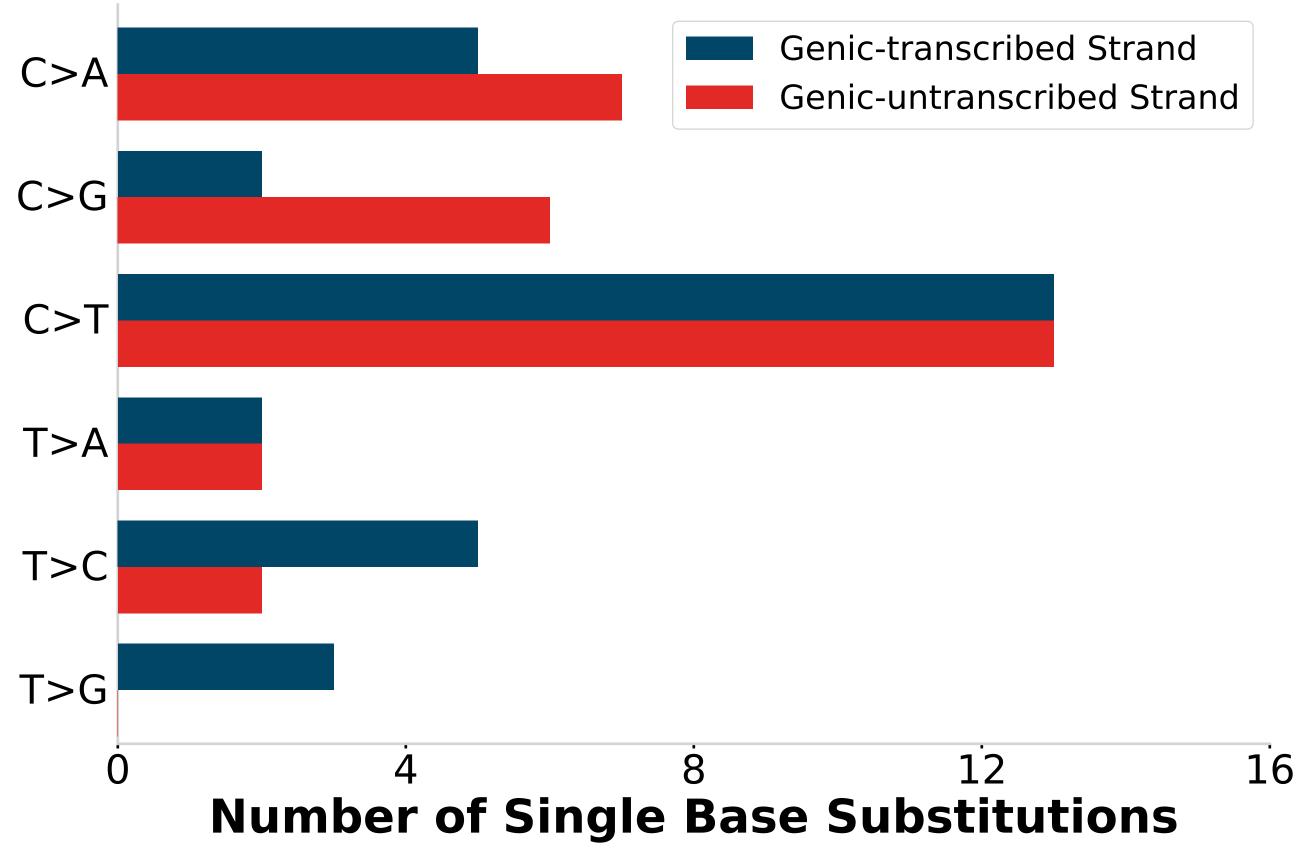
# TCGA-ZF-A9RC-01A-11D-A38G-08: 862 tra



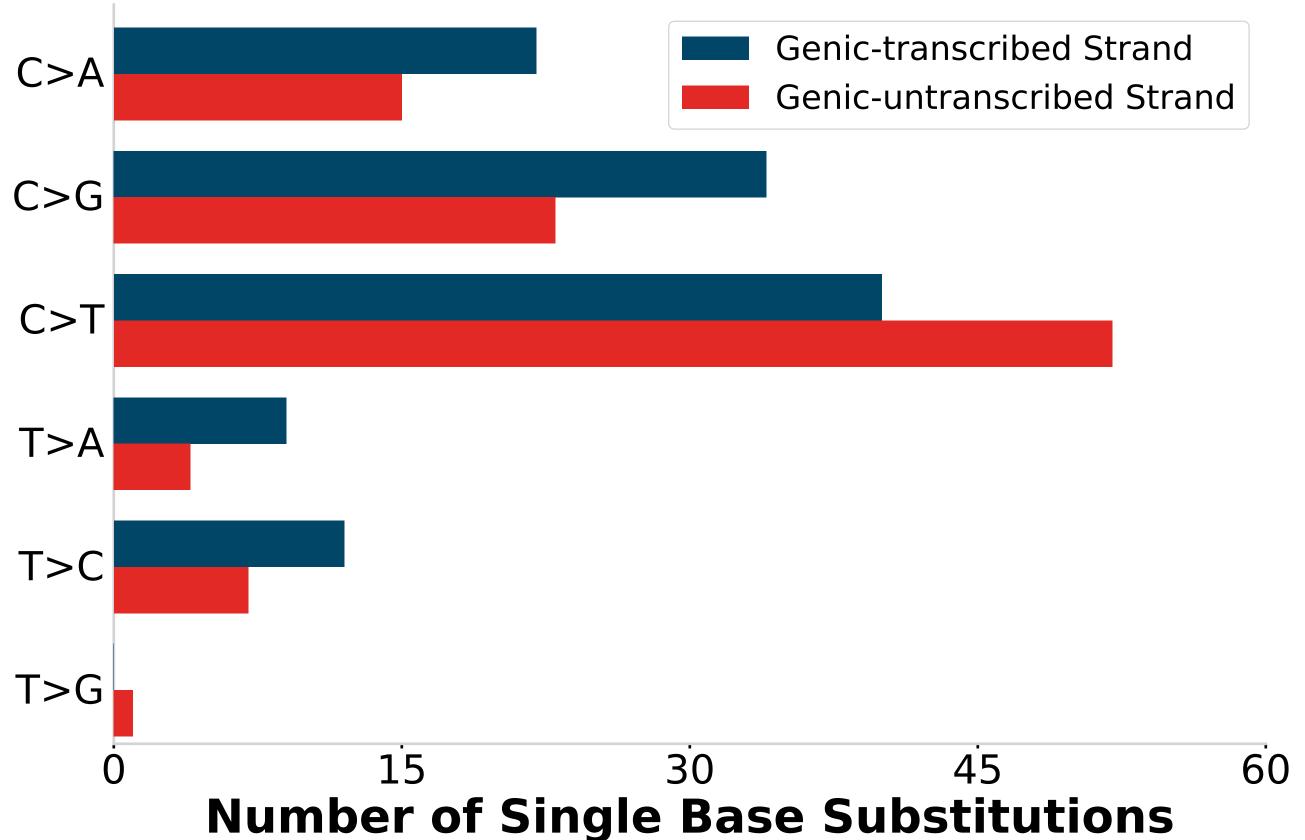
## TCGA-ZF-A9RD-01A-11D-A42E-08: 159 trail



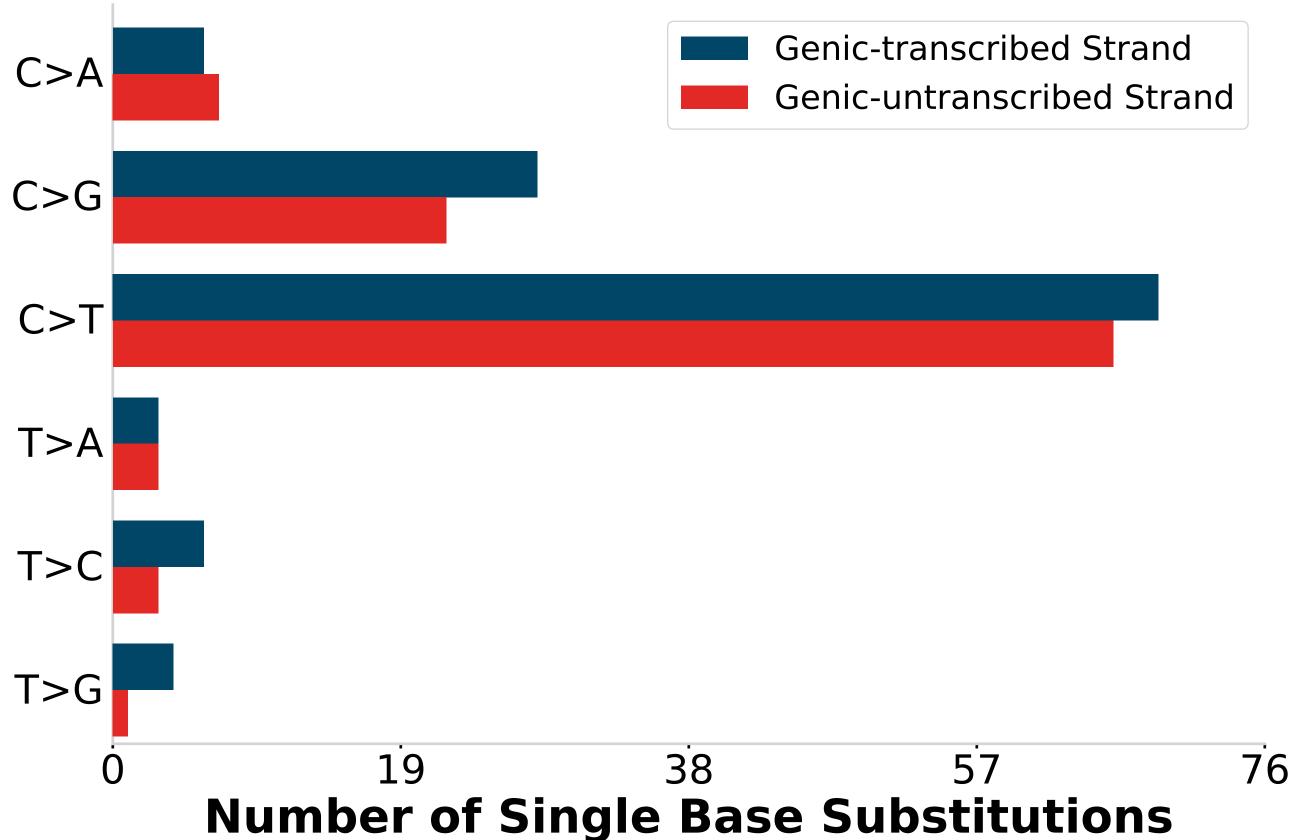
## TCGA-ZF-A9RE-01A-11D-A38G-08: 60 trans



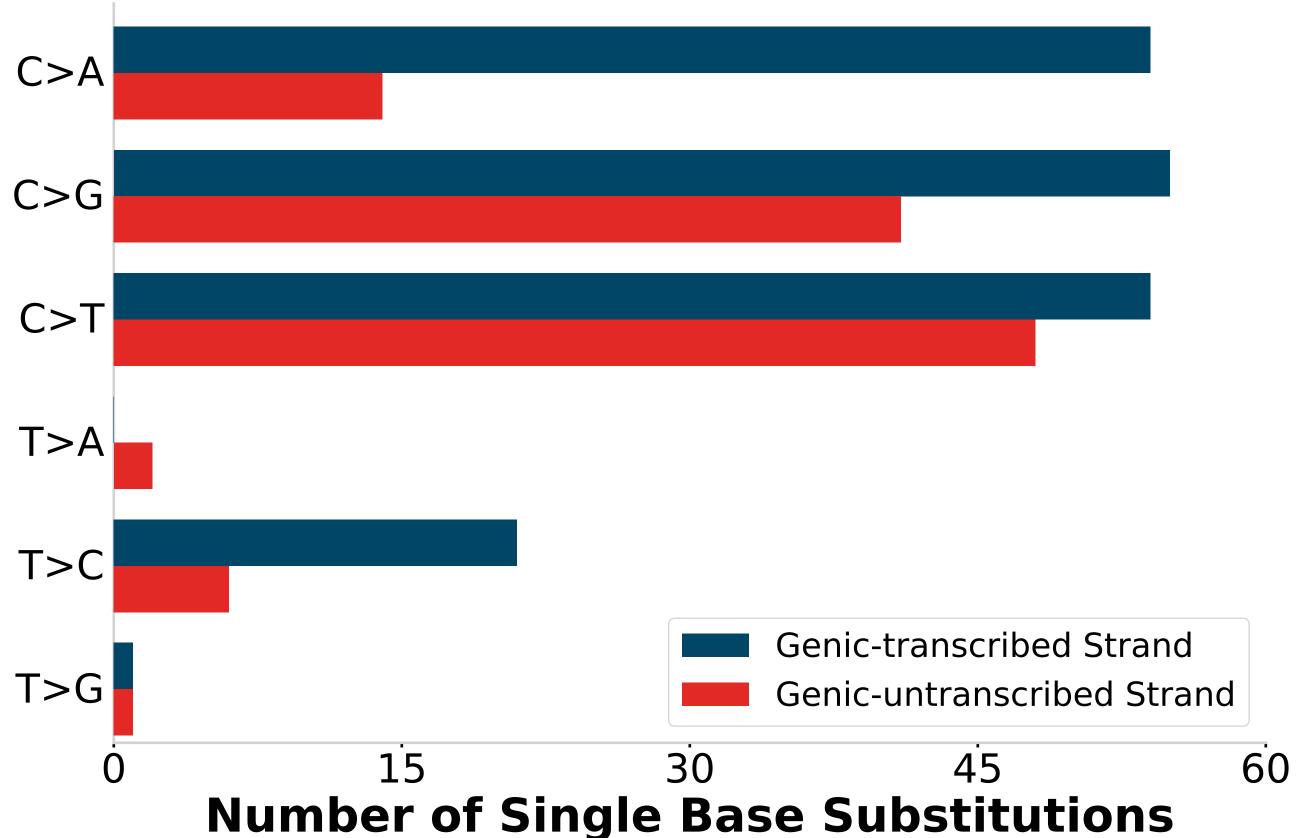
## TCGA-ZF-A9RF-01A-11D-A38G-08: 219 trail



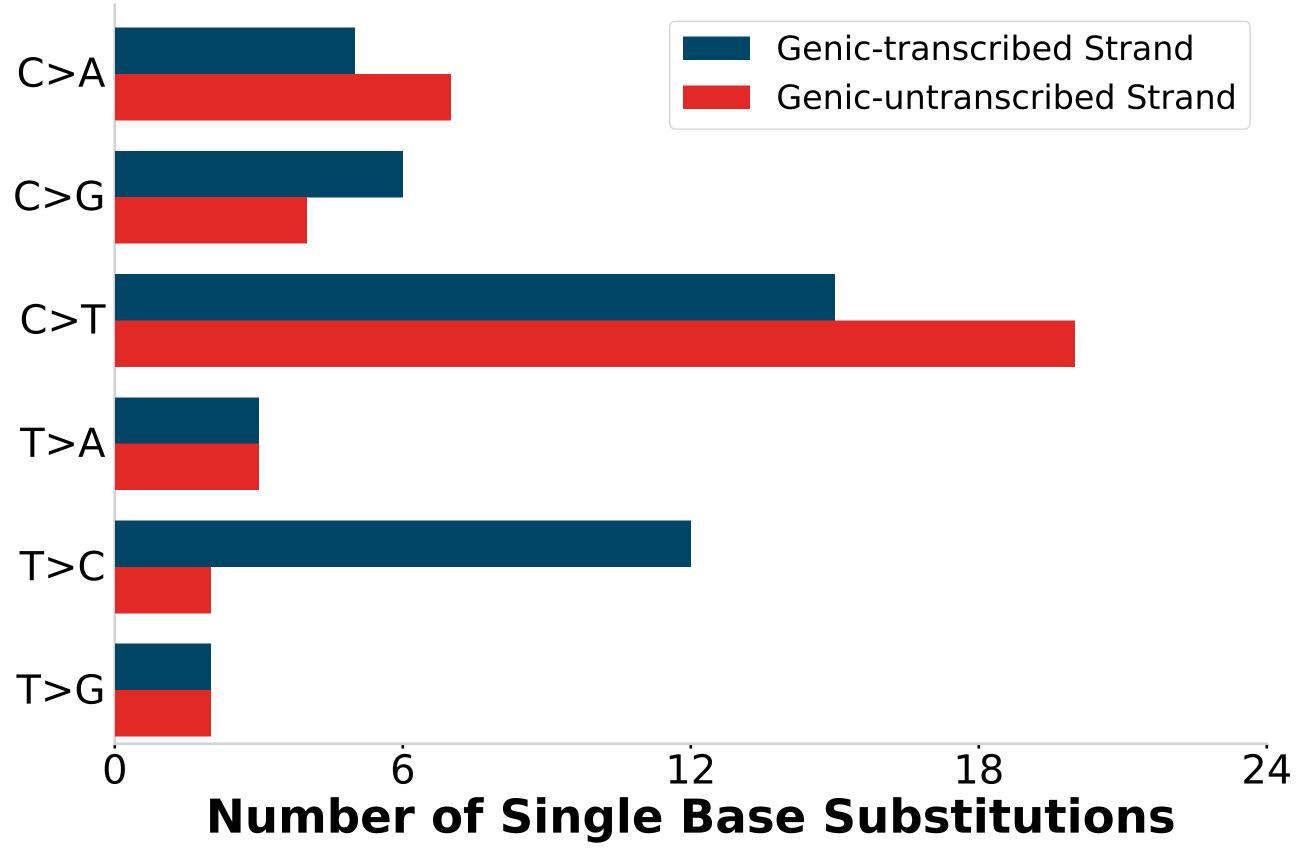
# TCGA-ZF-A9RG-01A-21D-A42E-08: 218 trail



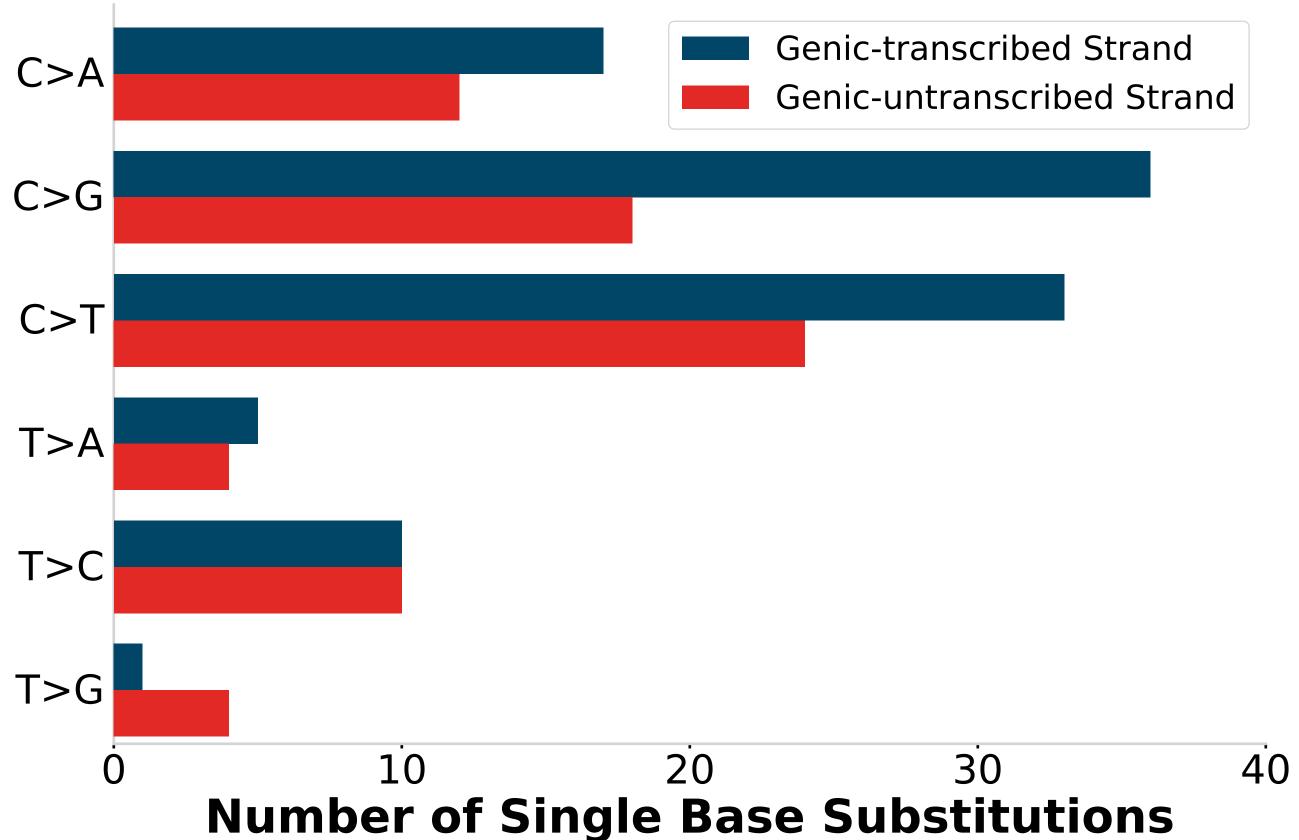
## TCGA-ZF-A9RL-01A-11D-A38G-08: 297 trai



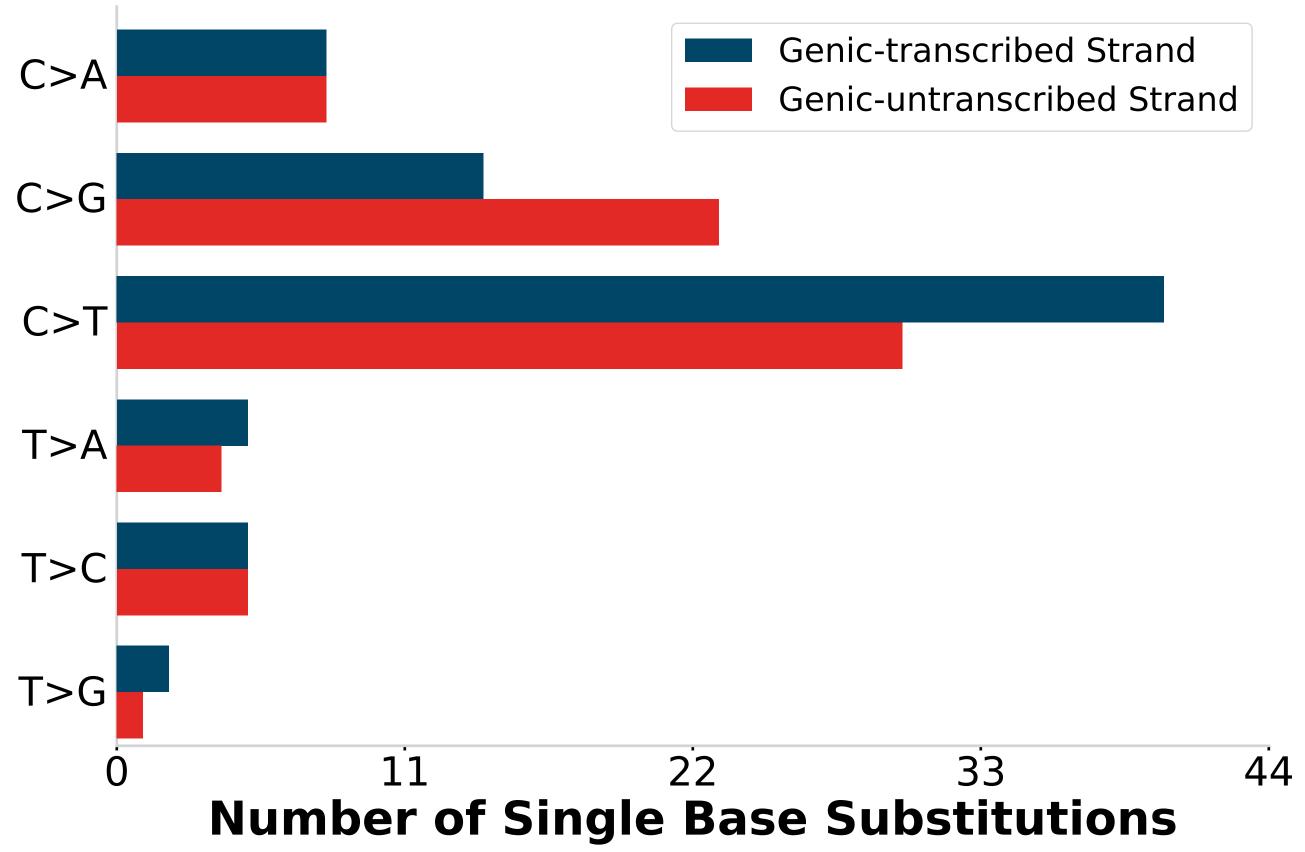
# TCGA-ZF-A9RM-01A-11D-A38G-08: 81 tran



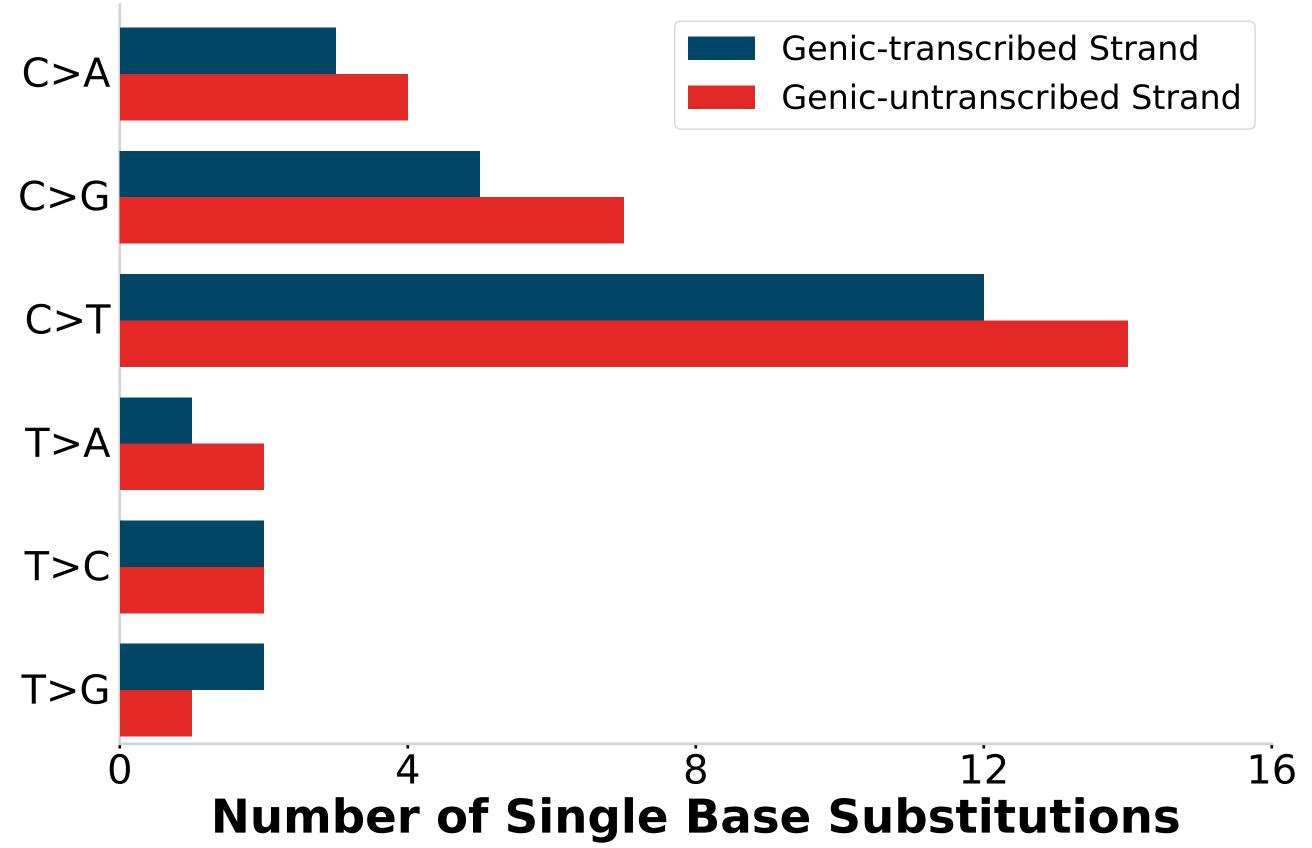
## TCGA-ZF-A9RN-01A-11D-A42E-08: 174 trail



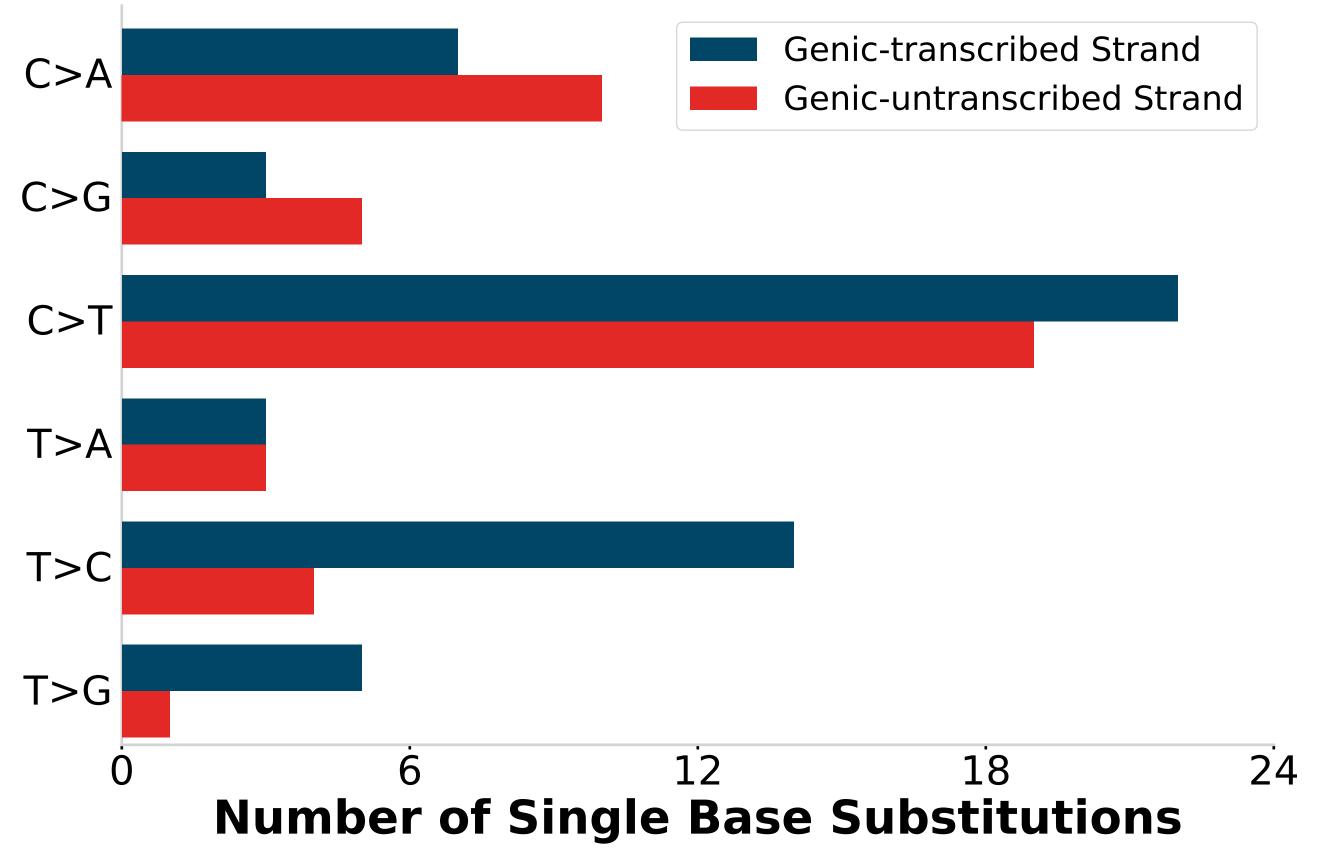
#### TCGA-ZF-AA4N-01A-11D-A38G-08: 145 tra



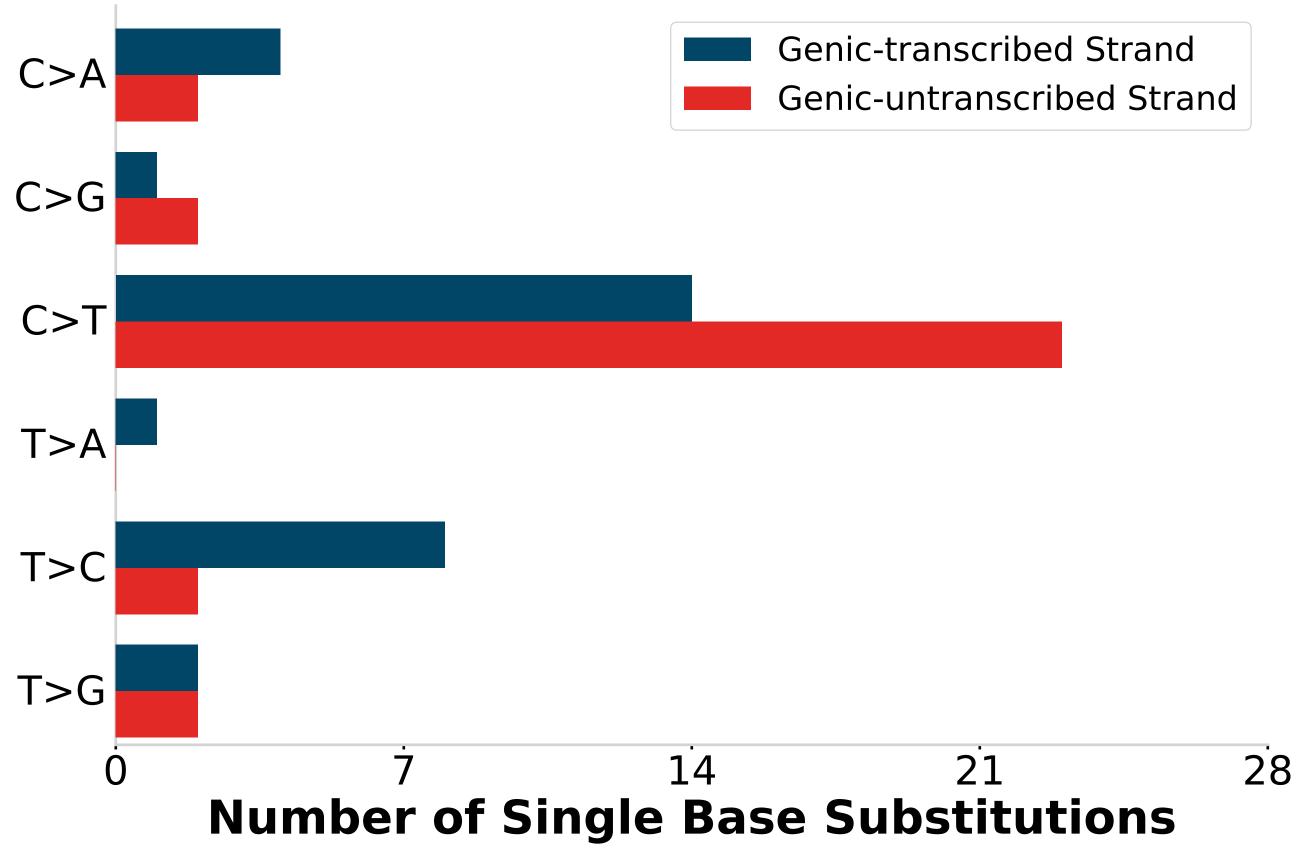
# TCGA-ZF-AA4R-01A-11D-A38G-08: 55 tran



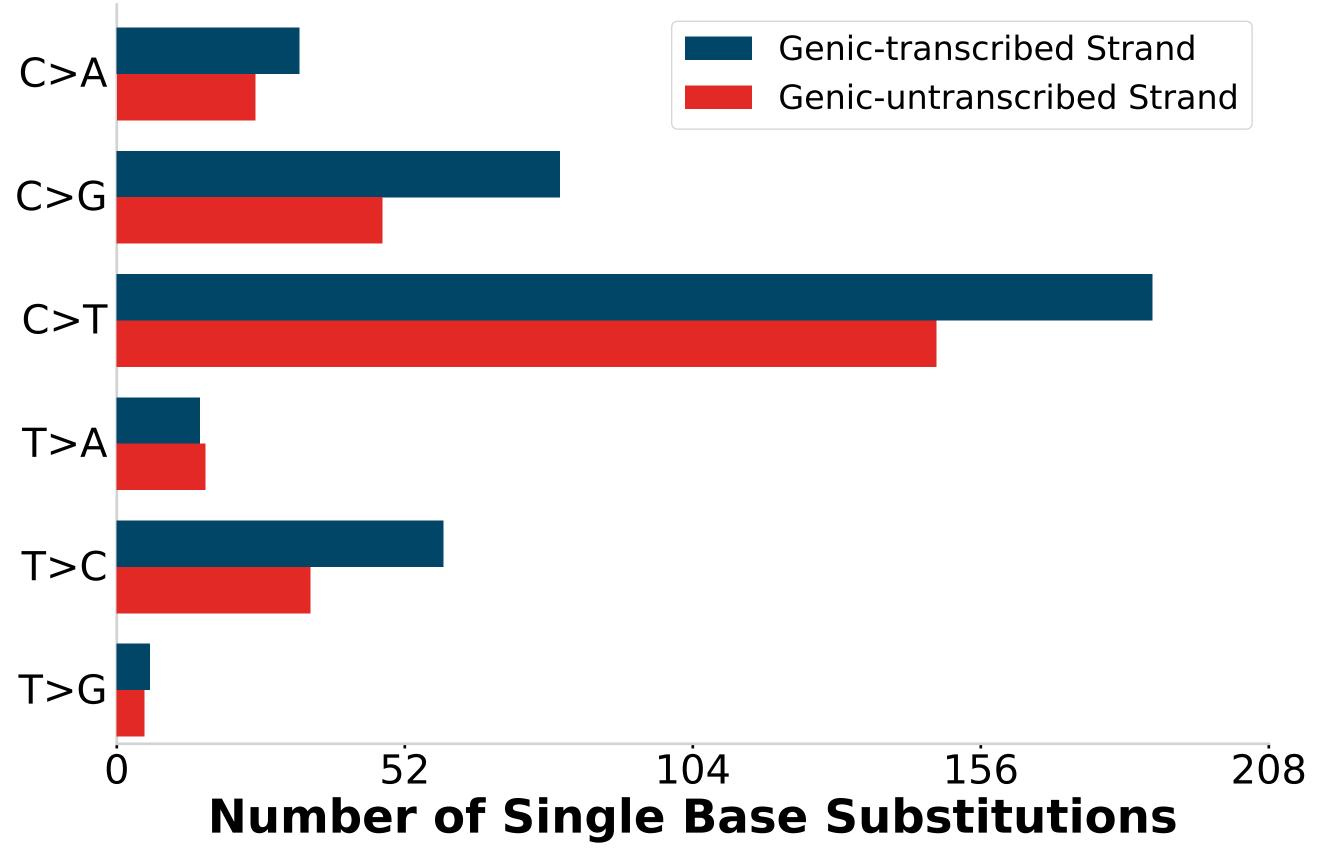
### TCGA-ZF-AA4T-01A-11D-A38G-08: 96 trans



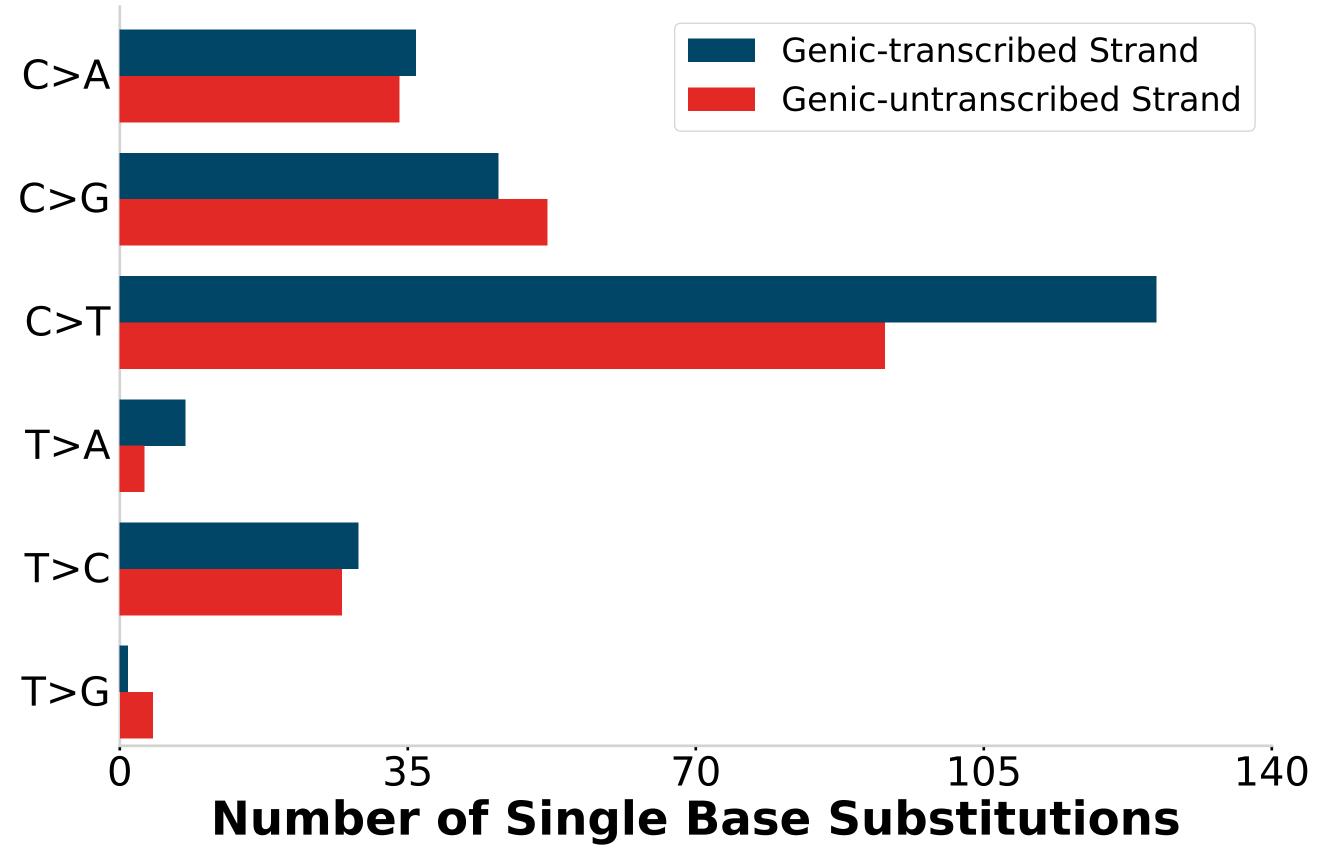
## TCGA-ZF-AA4U-01A-11D-A38G-08: 61 tran



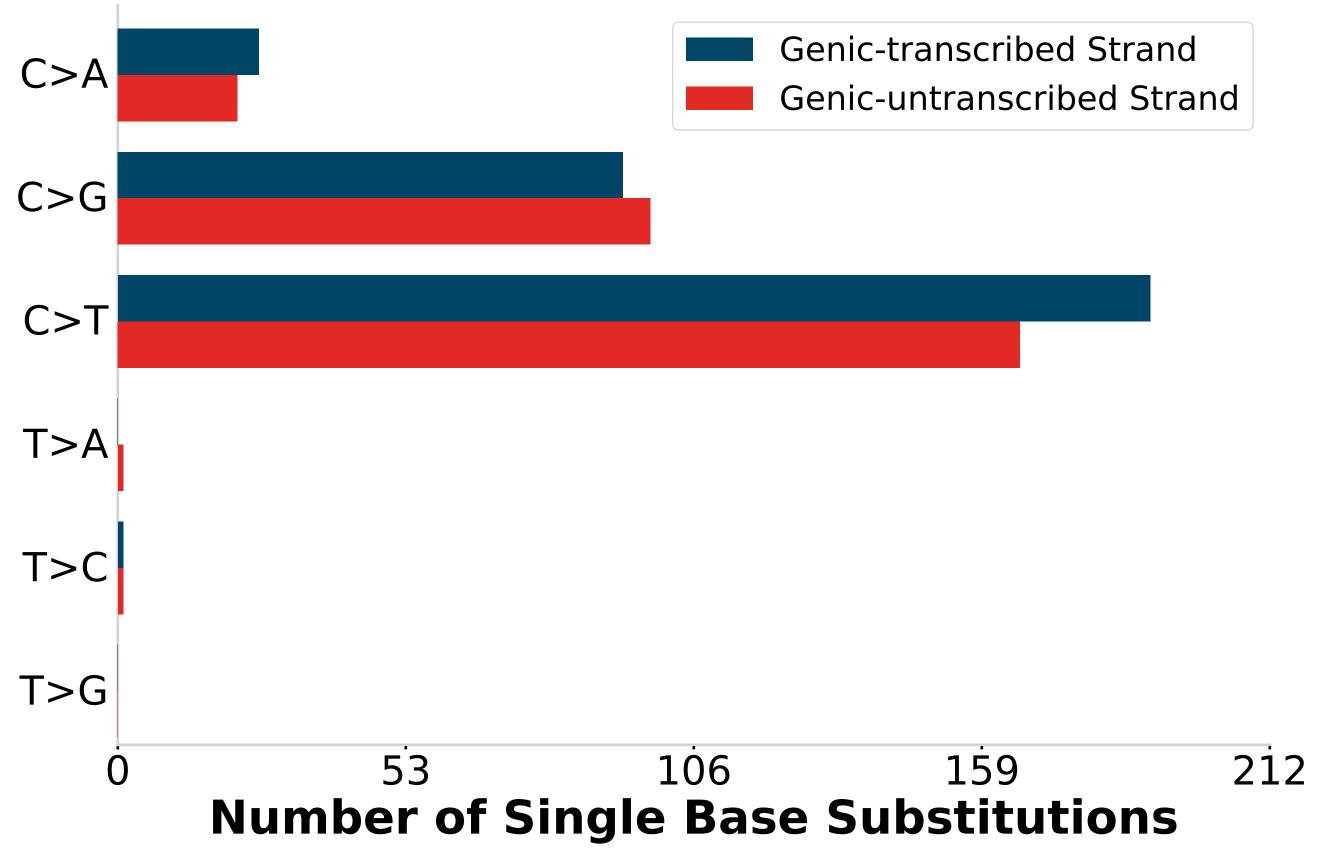
# TCGA-ZF-AA4V-01A-11D-A38G-08: 657 trail



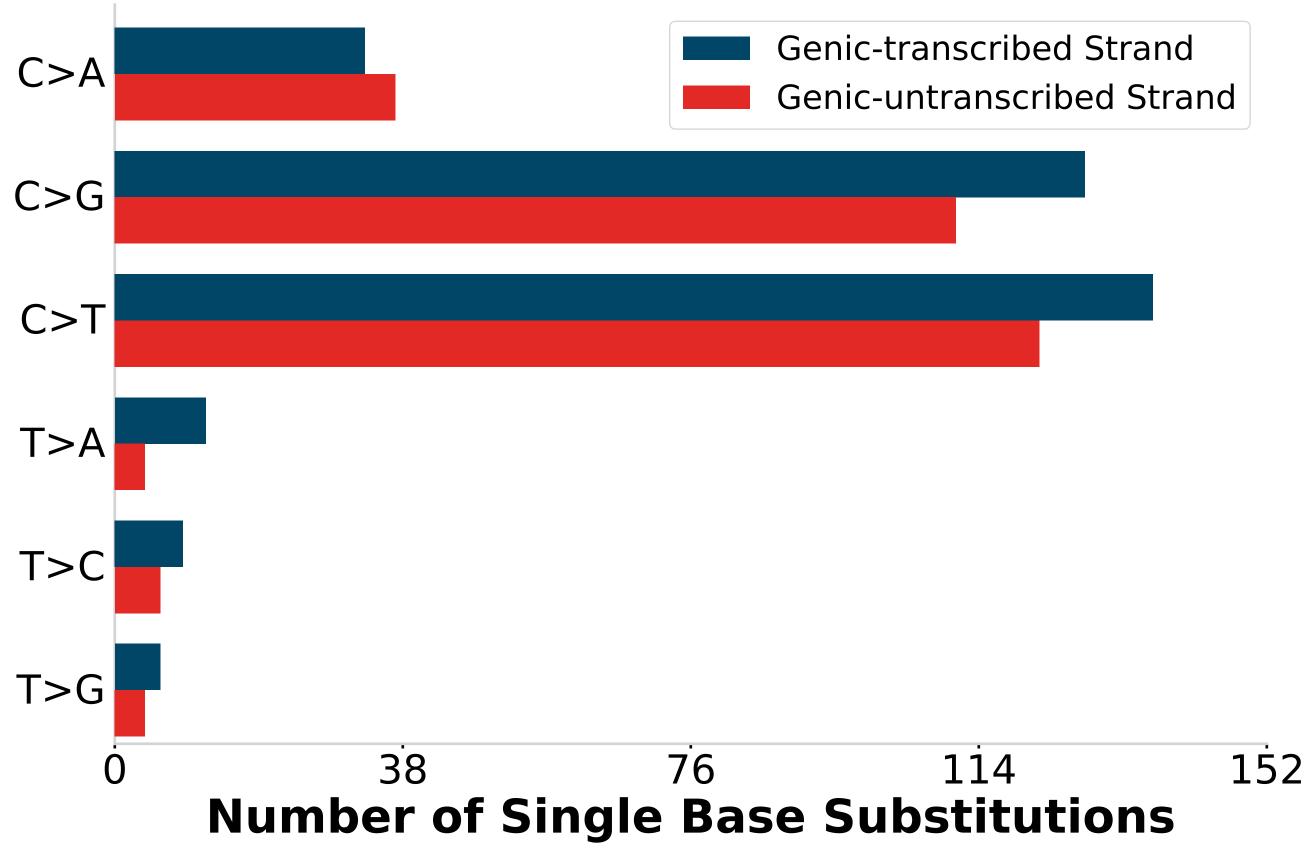
### TCGA-ZF-AA4W-01A-12D-A38G-08: 459 tra



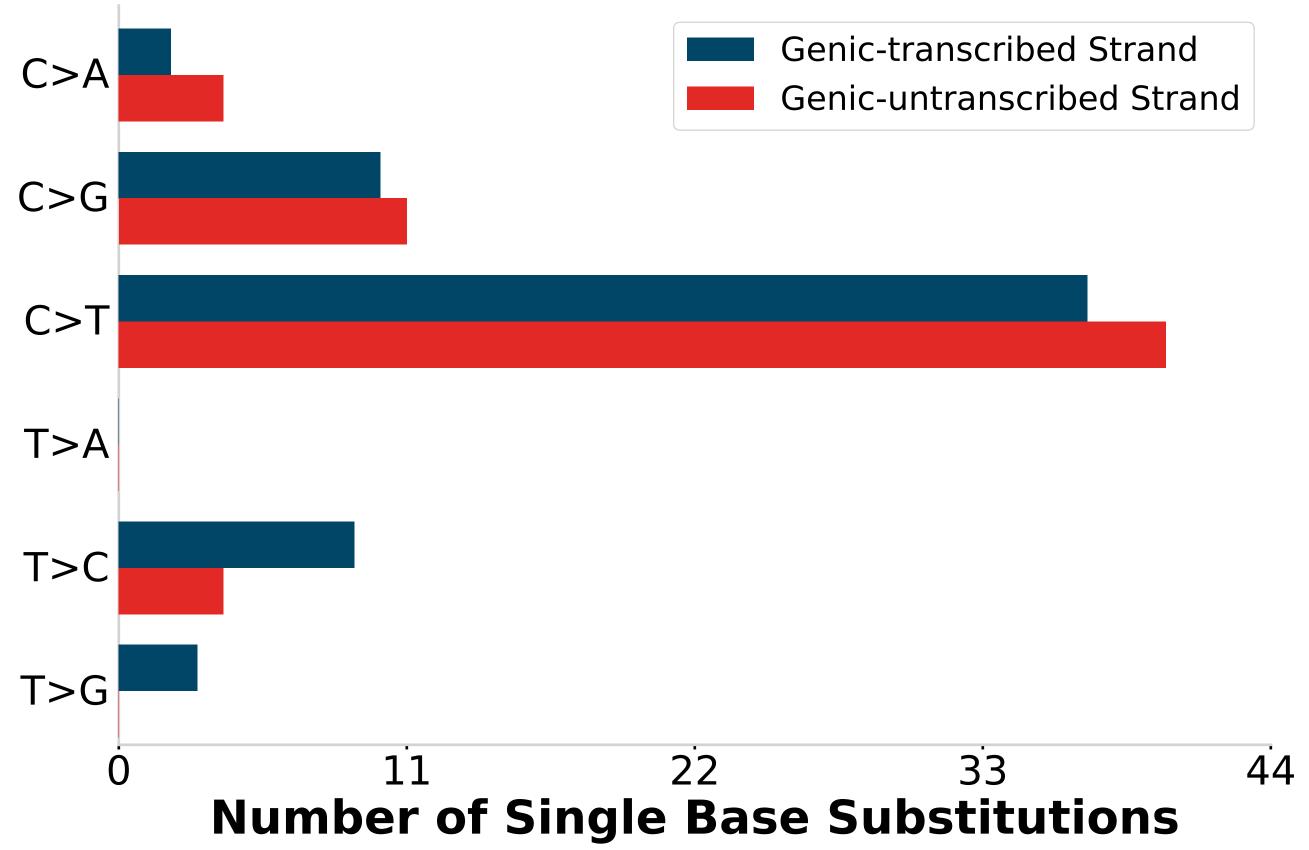
## TCGA-ZF-AA4X-01A-11D-A38G-08: 598 trail



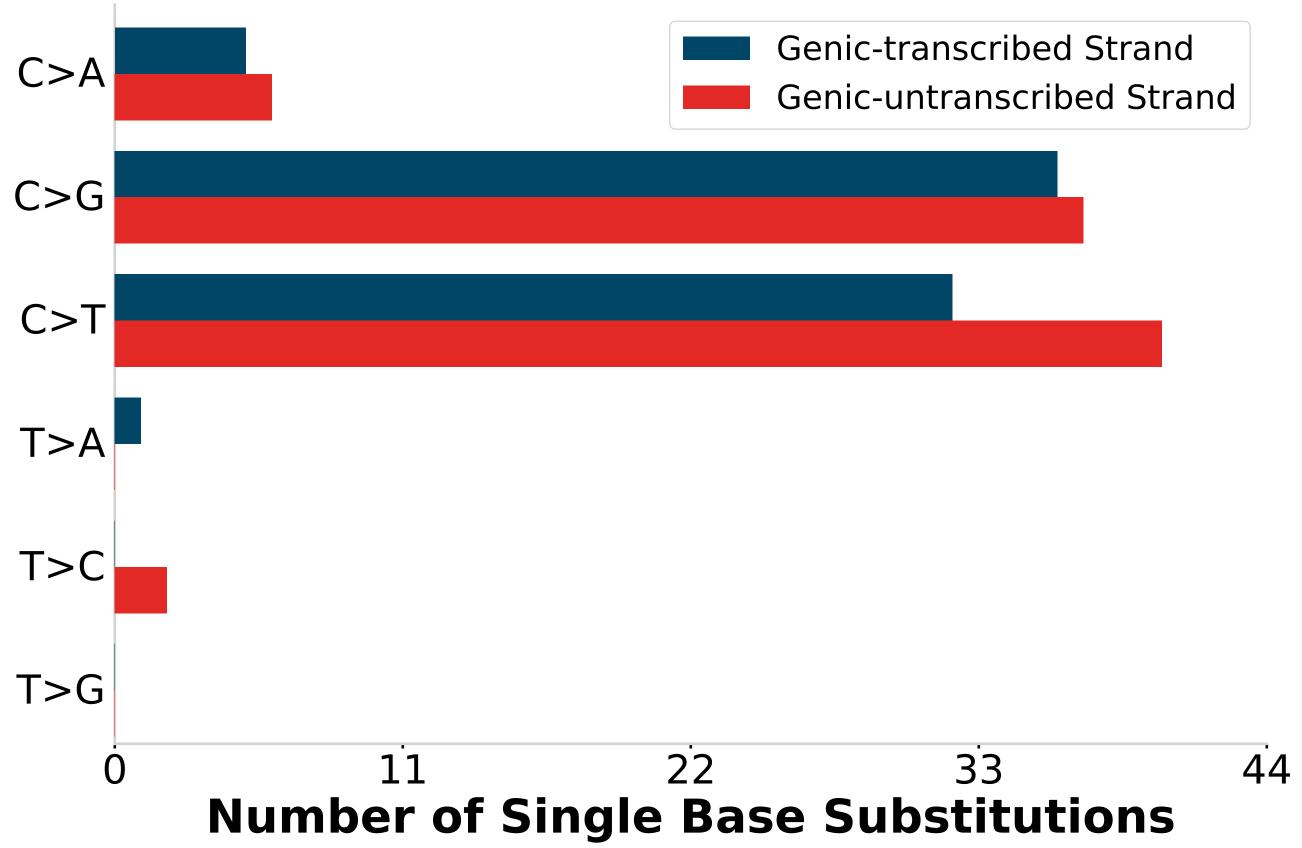
# TCGA-ZF-AA51-01A-21D-A391-08: 609 train



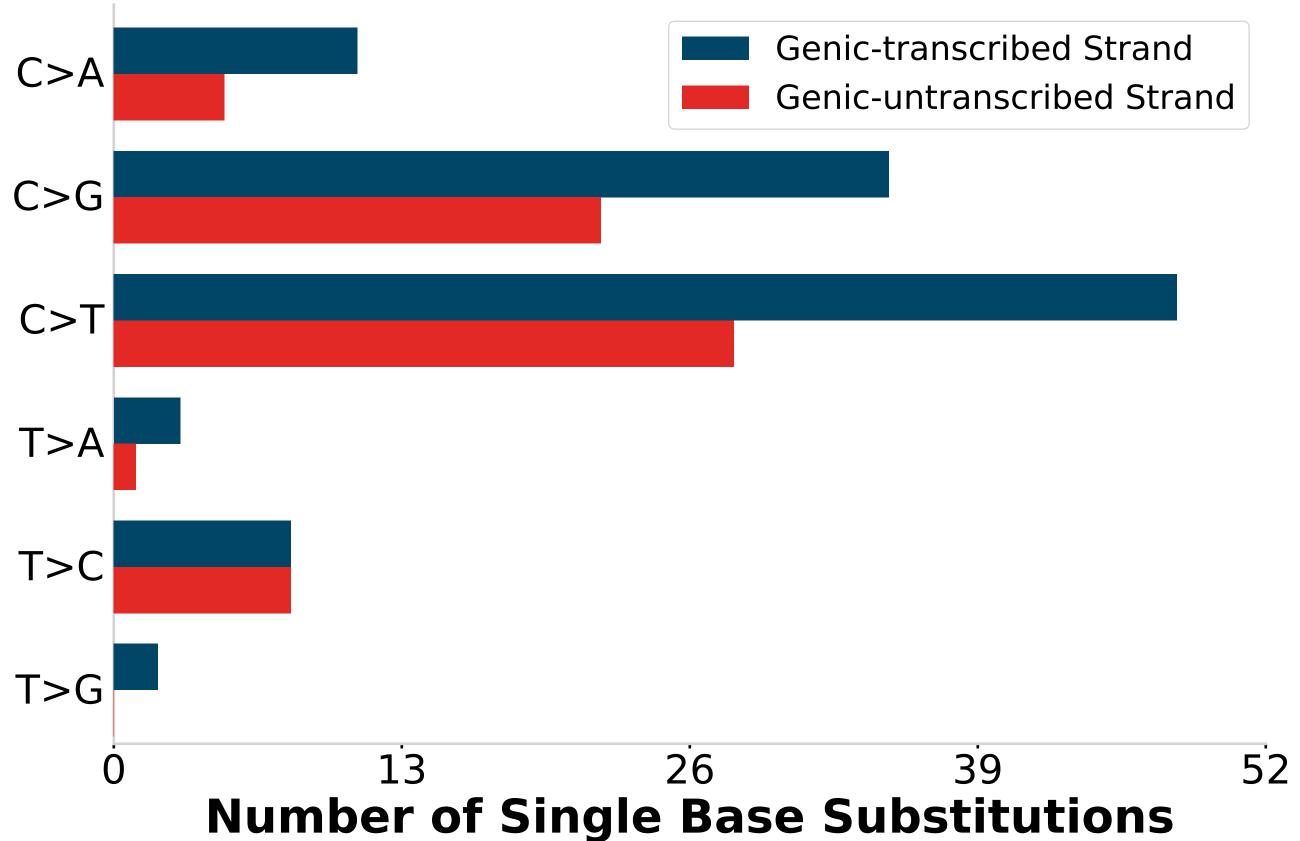
## TCGA-ZF-AA52-01A-12D-A391-08: 120 train



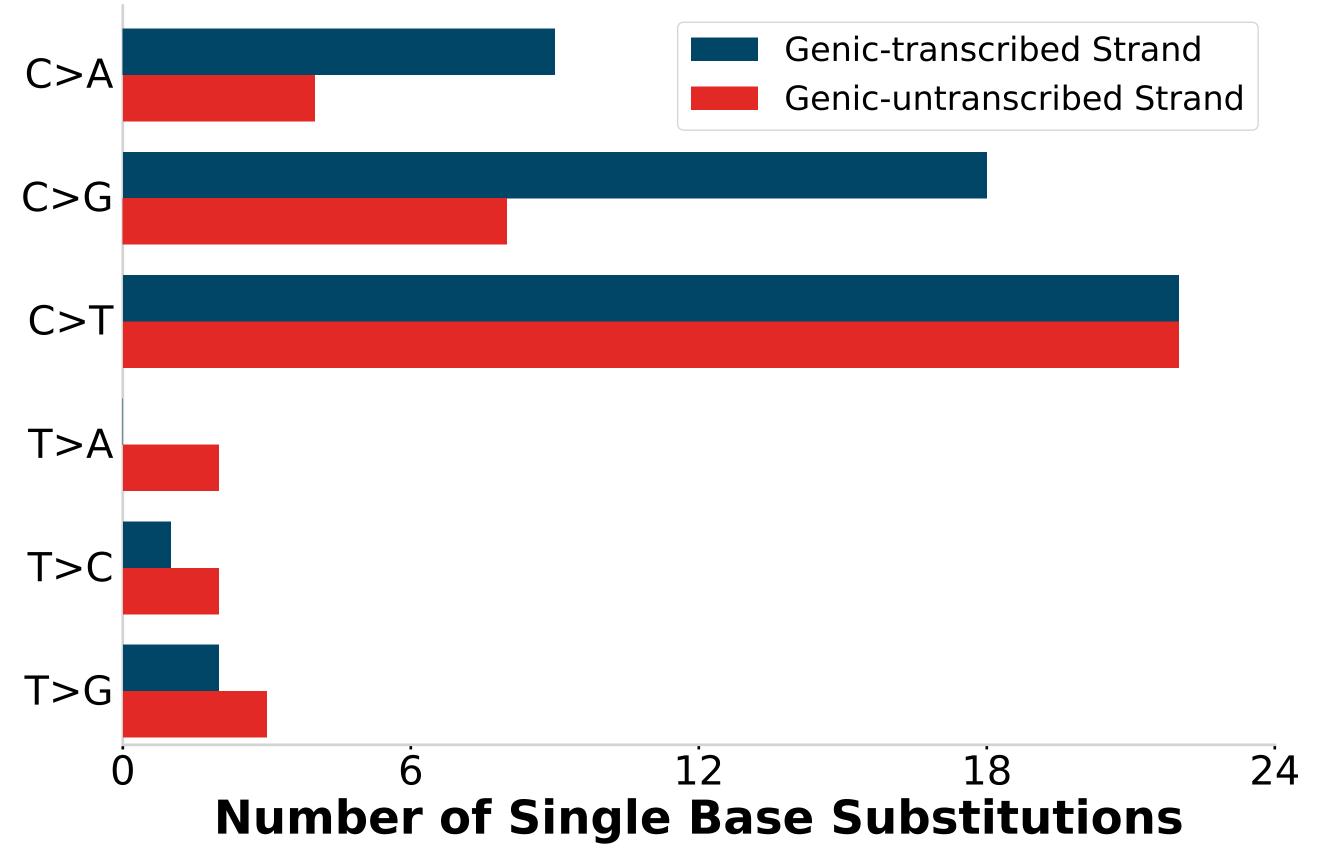
# TCGA-ZF-AA53-01A-11D-A391-08: 159 train



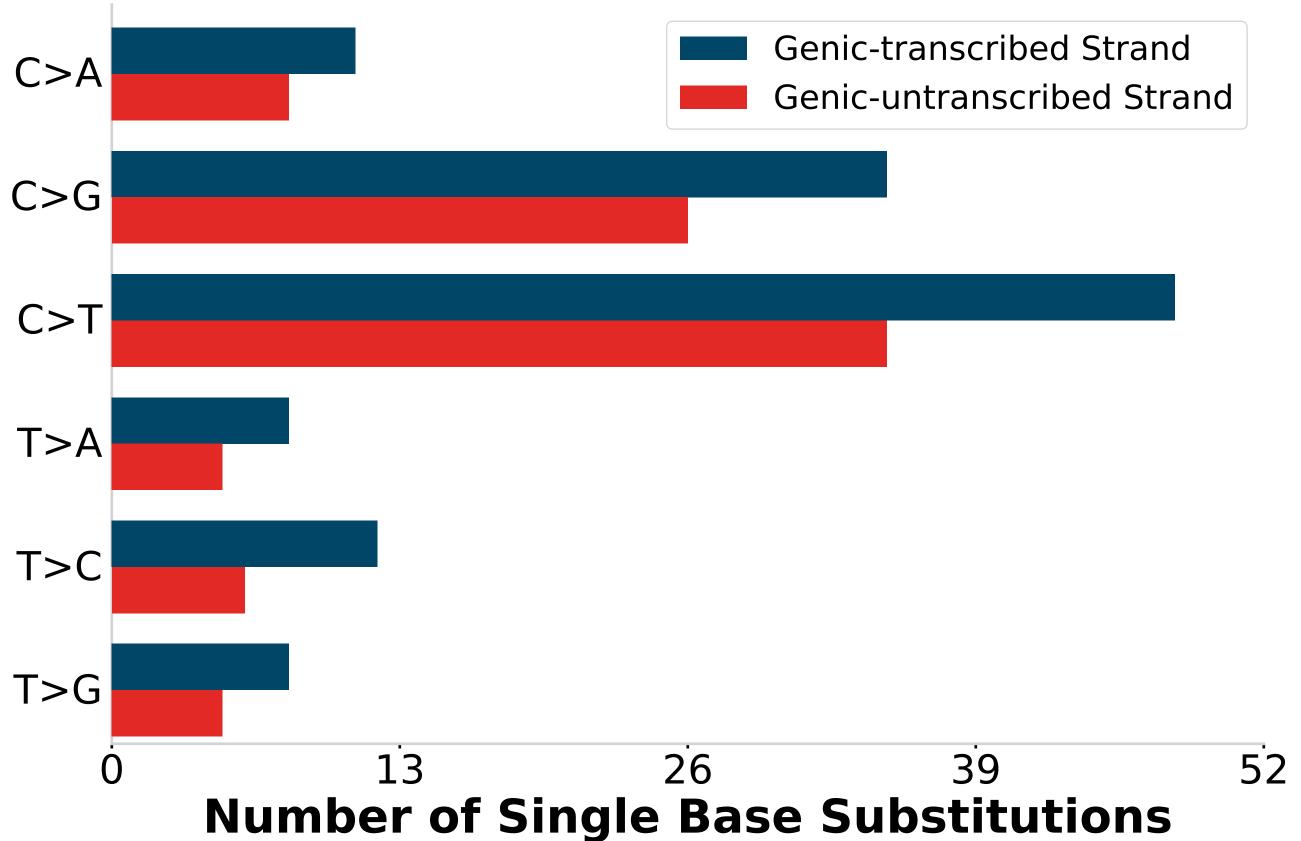
# TCGA-ZF-AA54-01A-11D-A391-08: 171 train



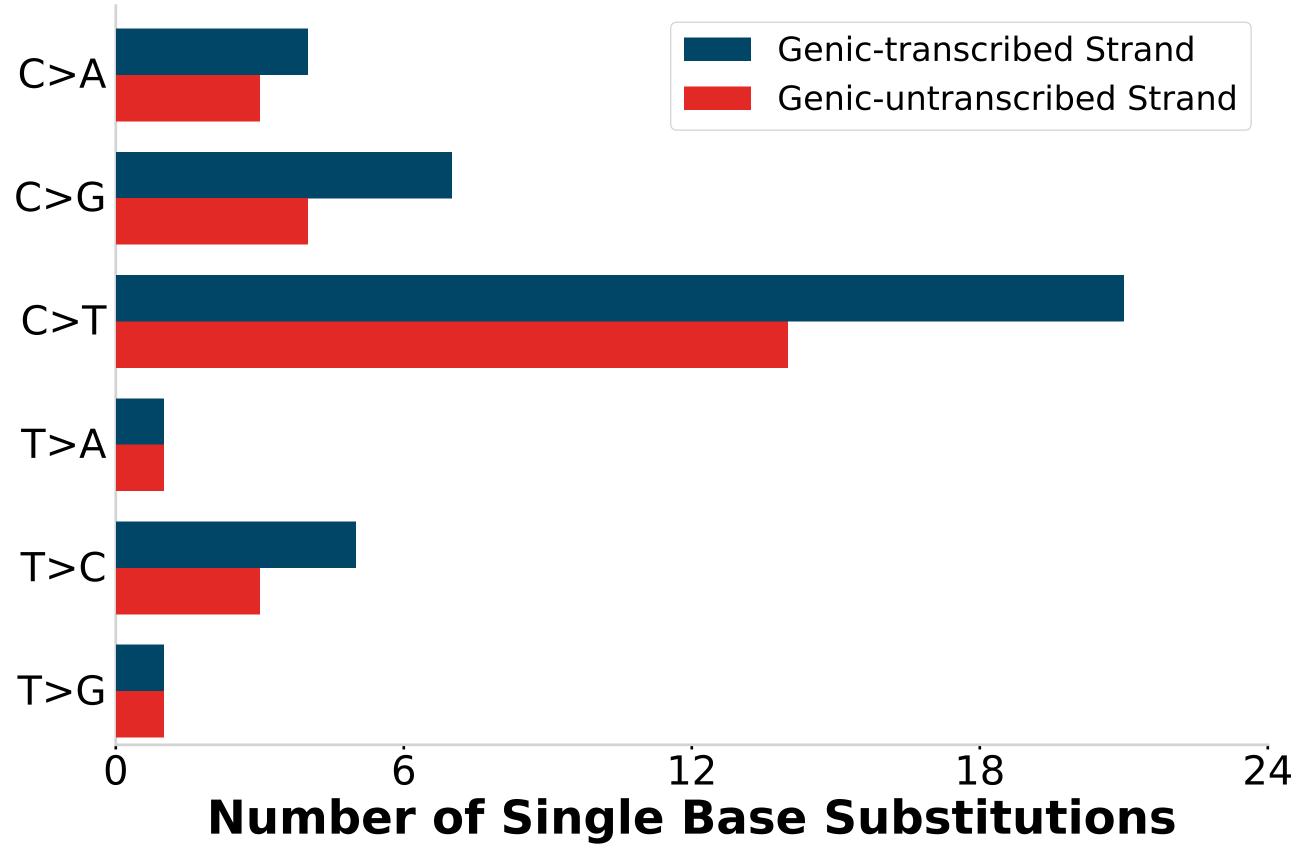
### TCGA-ZF-AA56-01A-31D-A391-08: 93 trans



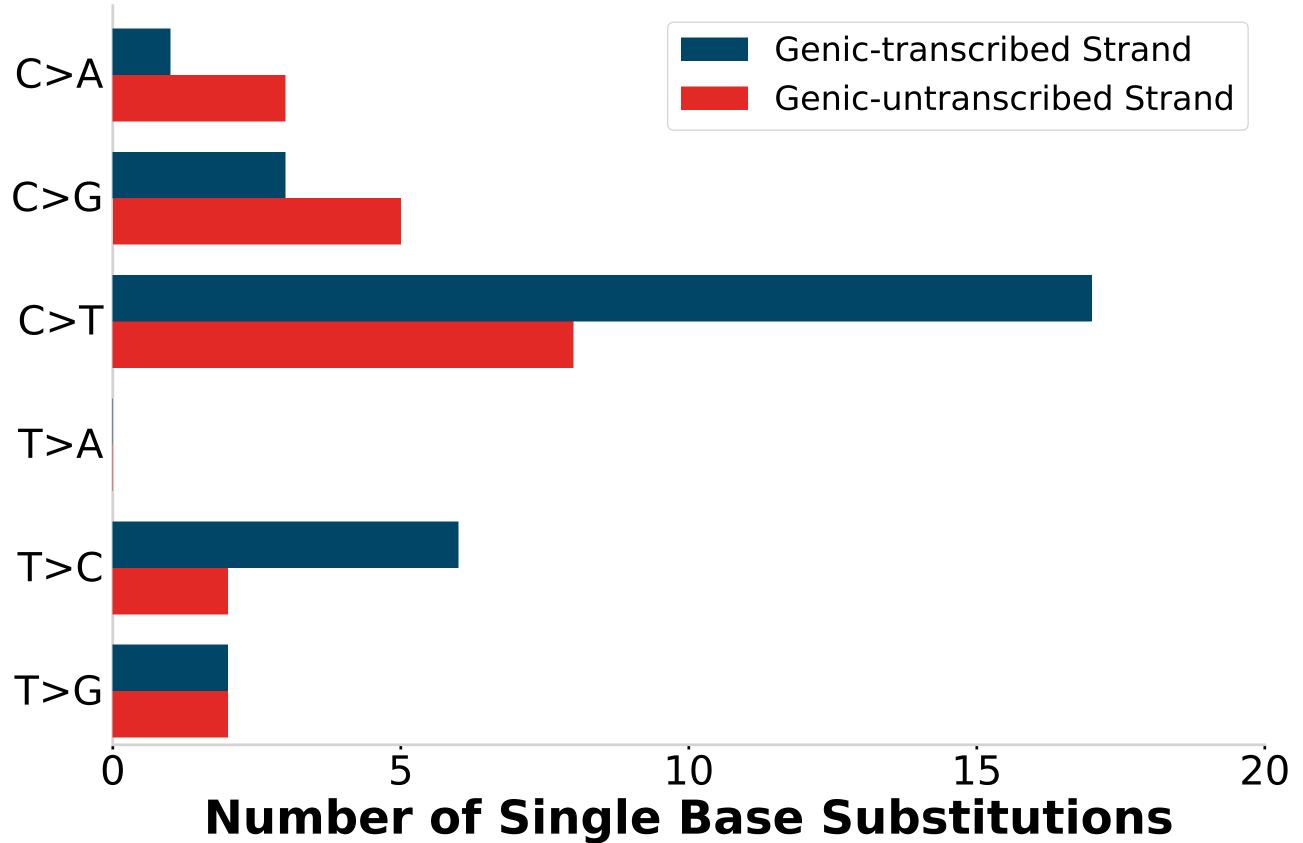
# TCGA-ZF-AA58-01A-12D-A42E-08: 207 tran



### TCGA-ZF-AA5H-01A-11D-A391-08: 65 trans



### TCGA-ZF-AA5N-01A-11D-A42E-08: 49 trans



### TCGA-ZF-AA5P-01A-11D-A391-08: 40 trans

