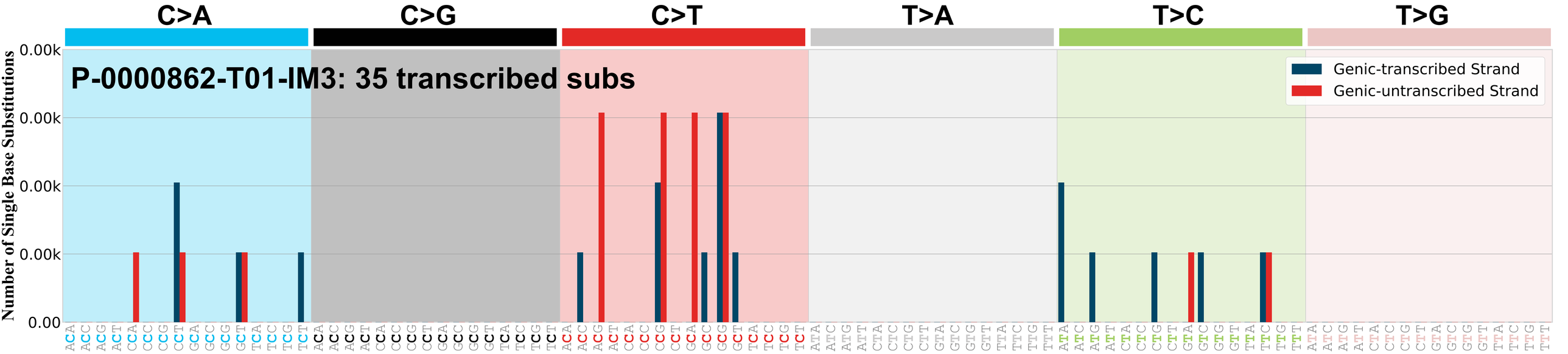
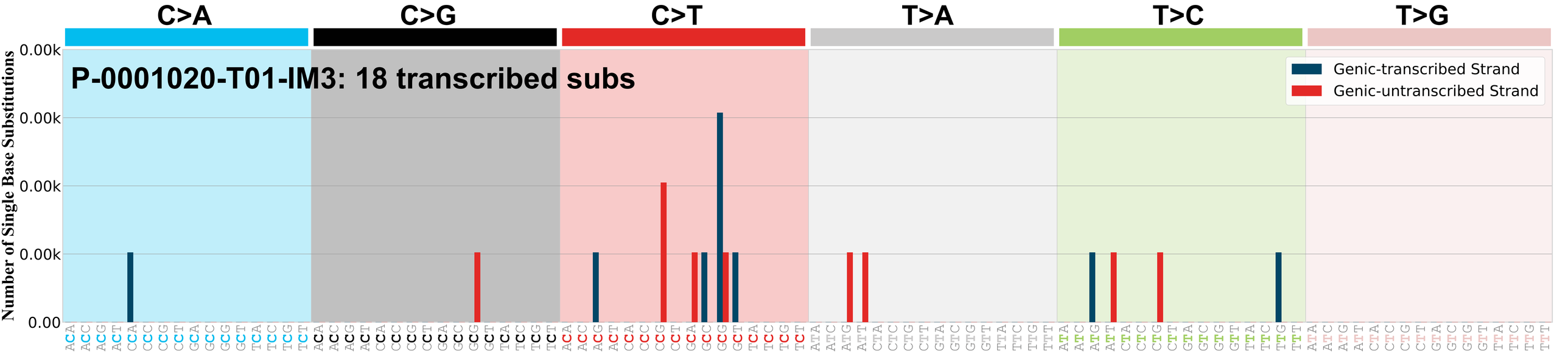
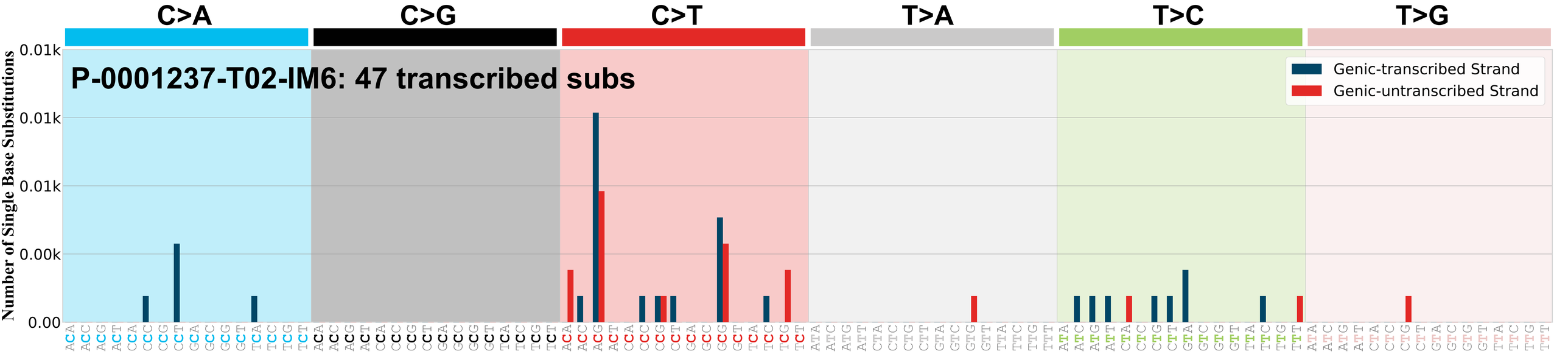
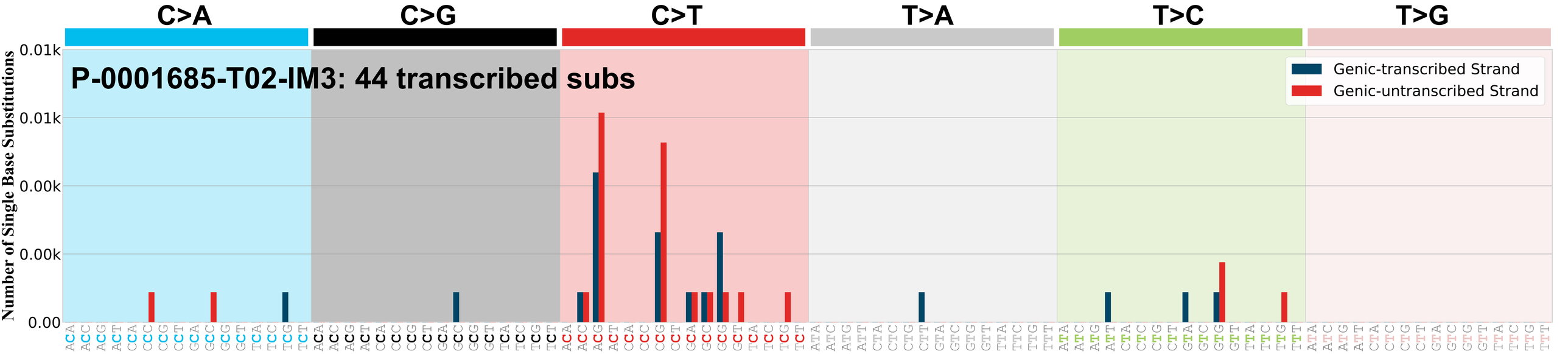
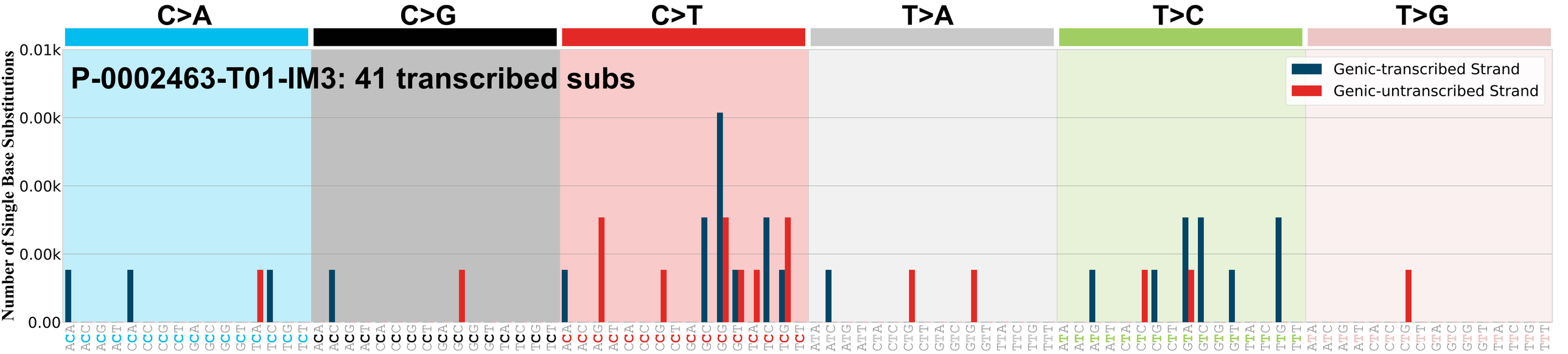
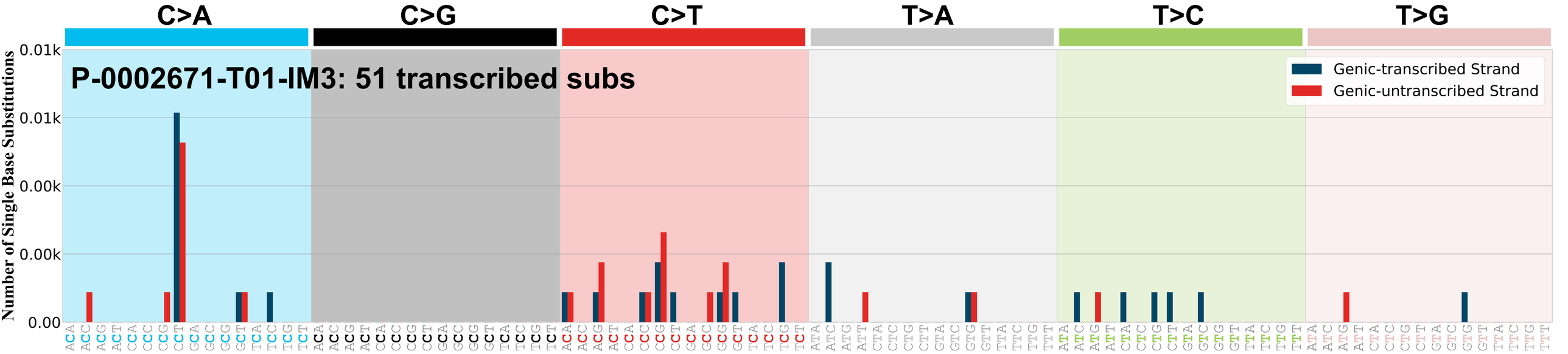

C>A
C>G
C>T
T>A
T>C
T>G
P-0000862-T01-IM3: 35 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

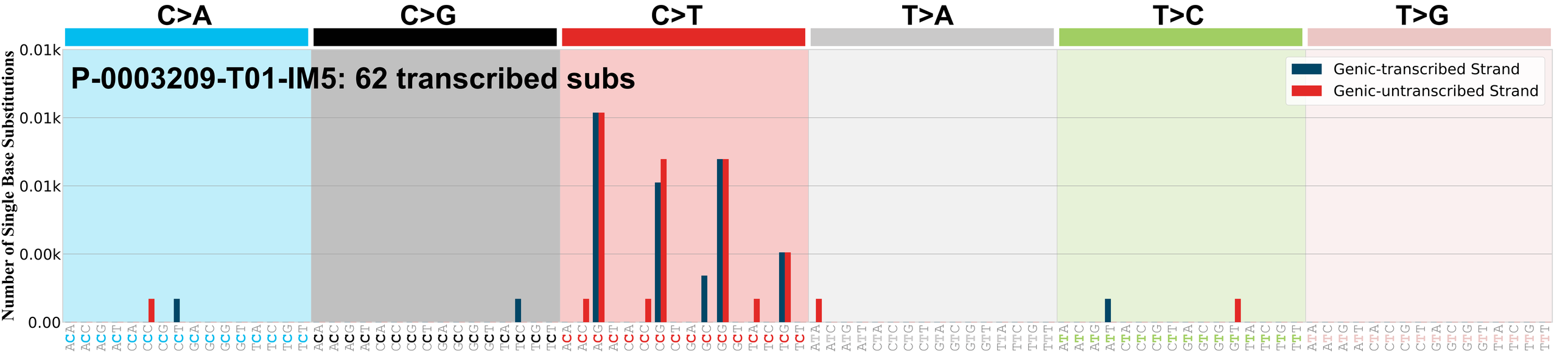

C>A
C>G
C>T
T>A
T>C
T>G
P-0001020-T01-IM3: 18 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

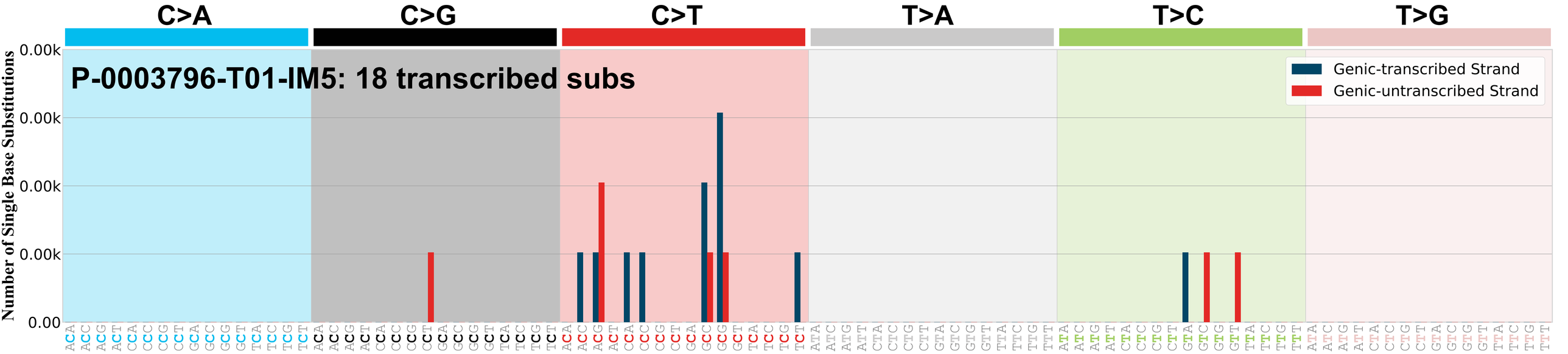

C>A
C>G
C>T
T>A
T>C
T>G
P-0001237-T02-IM6: 47 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

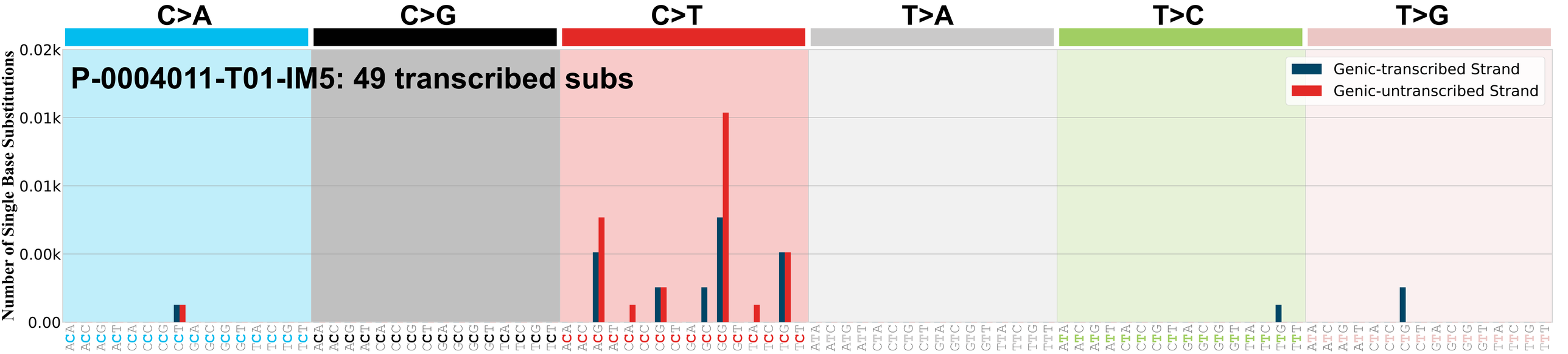

C>A
C>G
C>T
T>A
T>C
T>G
P-0001685-T02-IM3: 44 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

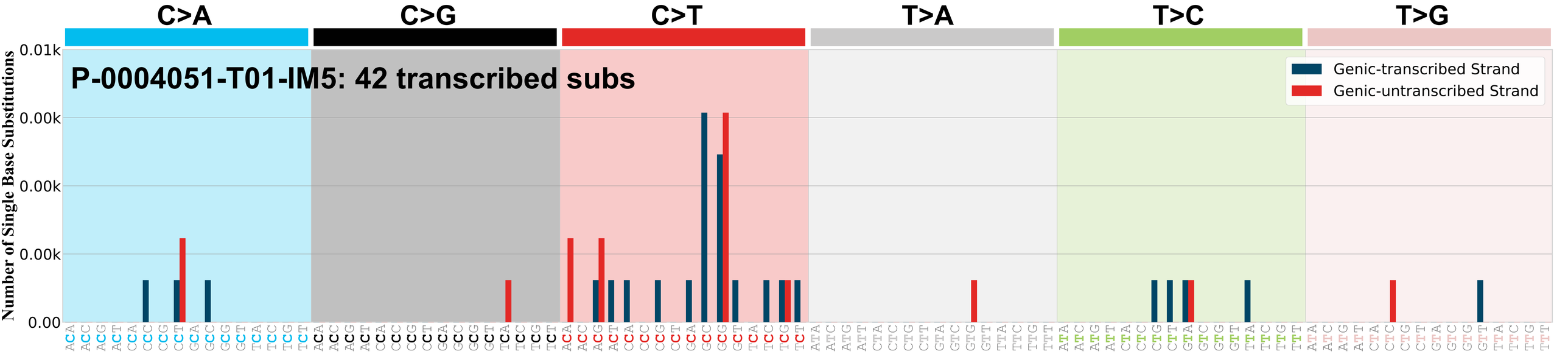

C>A
C>G
C>T
T>A
T>C
T>G
P-0002463-T01-IM3: 41 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT

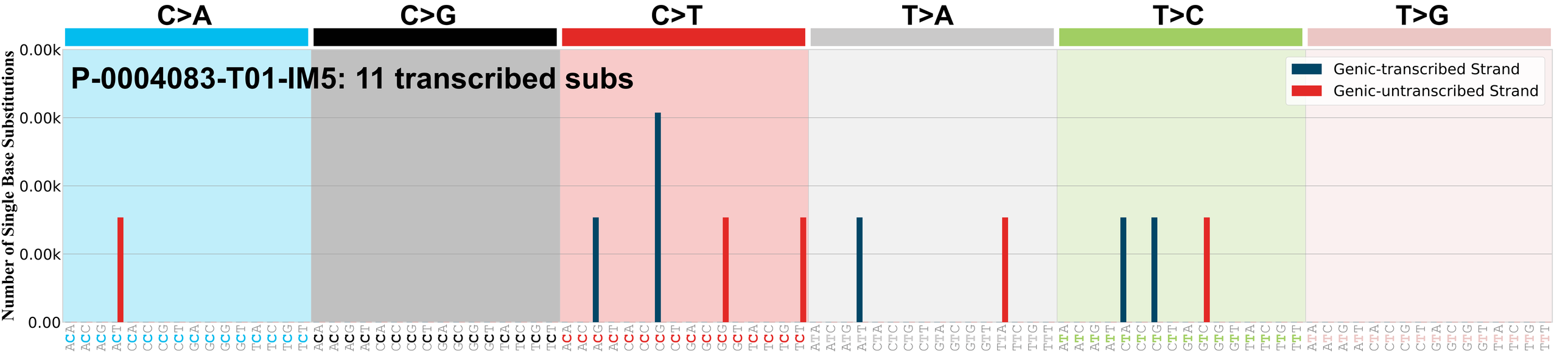

C>A
C>G
C>T
T>A
T>C
T>G
P-0002671-T01-IM3: 51 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

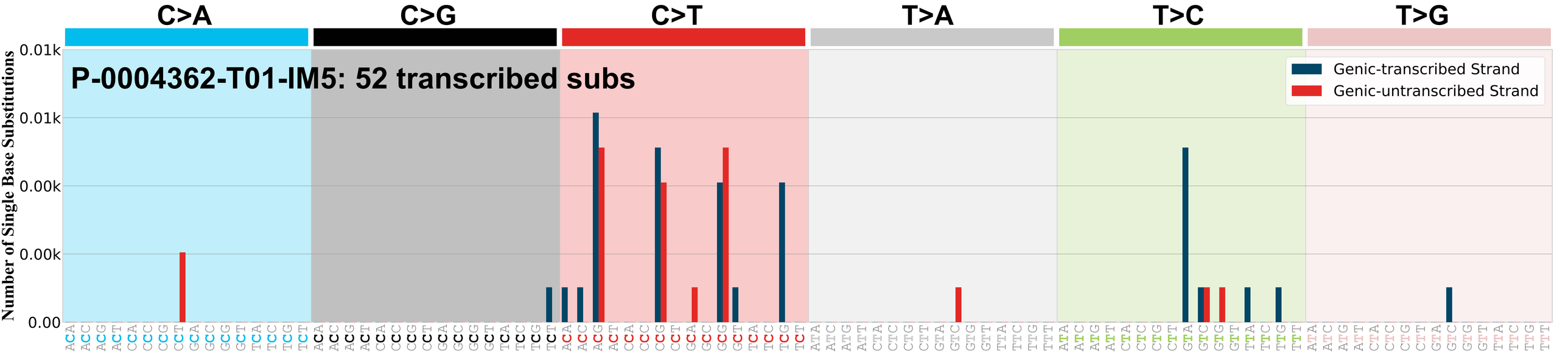

C>A
C>G
C>T
T>A
T>C
T>G
P-0003209-T01-IM5: 62 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

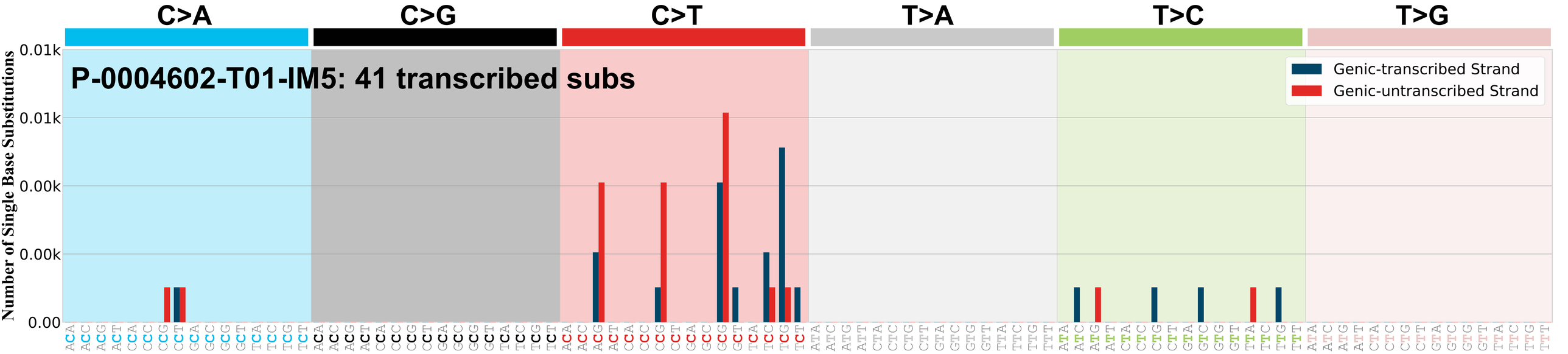

C>A
C>G
C>T
T>A
T>C
T>G
P-0003796-T01-IM5: 18 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

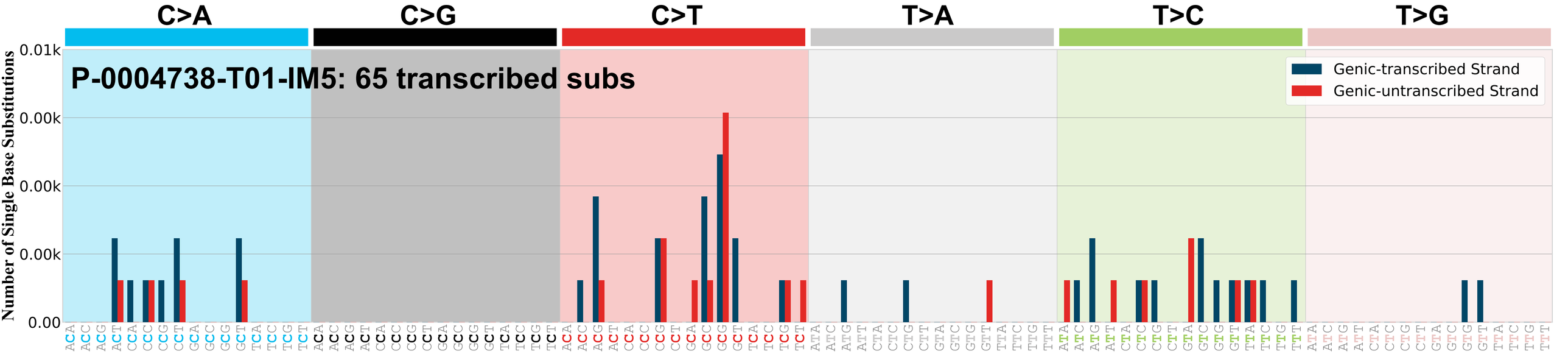

C>A
C>G
C>T
T>A
T>C
T>G
P-0004011-T01-IM5: 49 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00

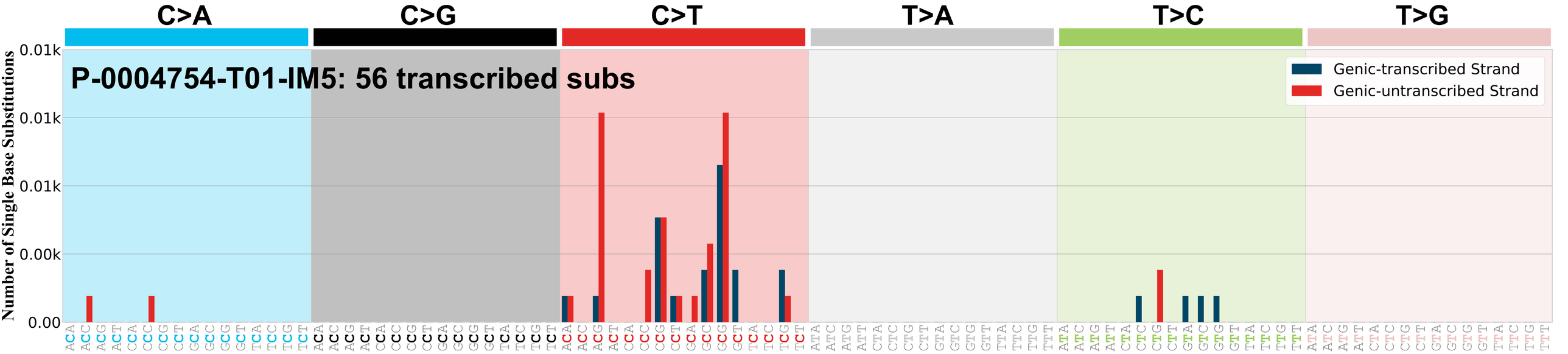

C>A
C>G
C>T
T>A
T>C
T>G
P-0004051-T01-IM5: 42 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

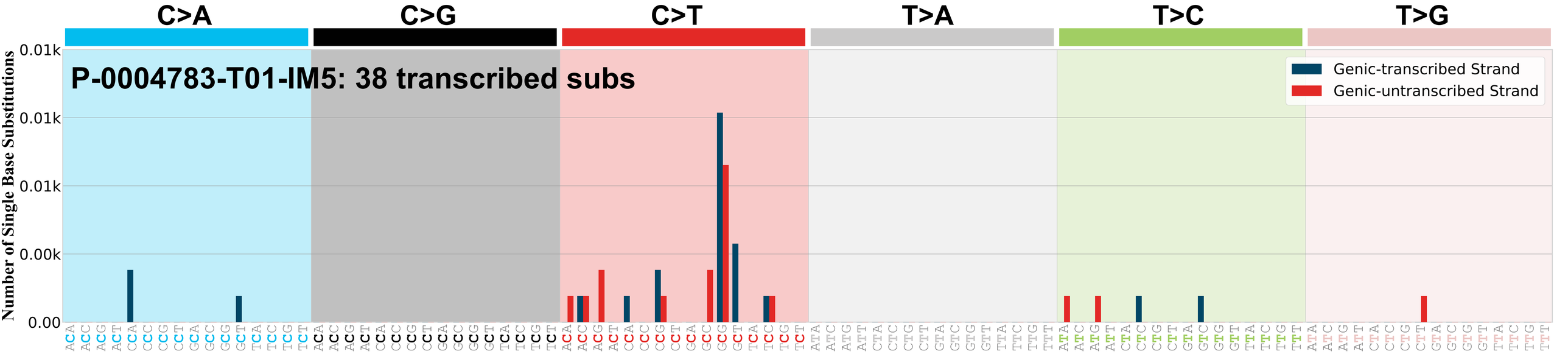

C>A
C>G
C>T
T>A
T>C
T>G
P-0004083-T01-IM5: 11 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

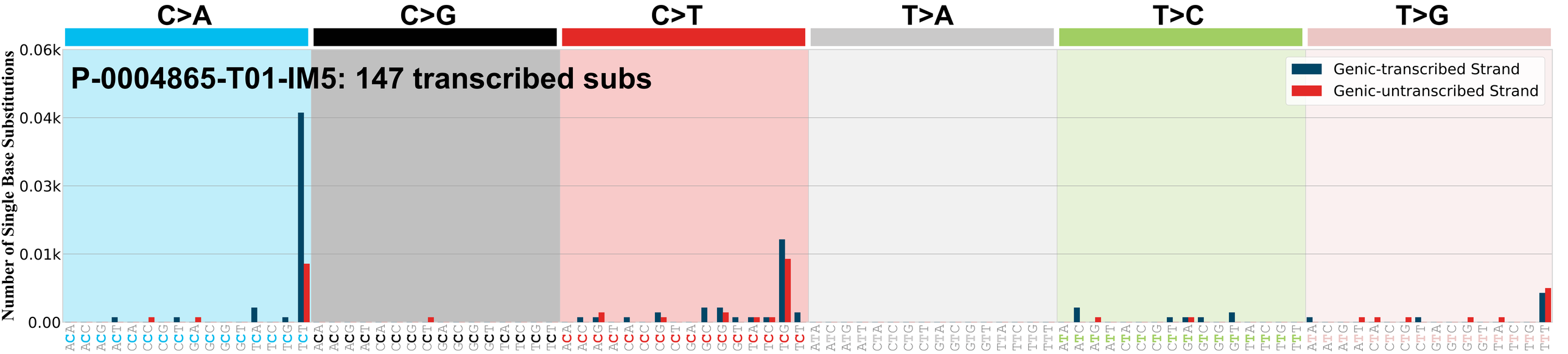

C>A
C>G
C>T
T>A
T>C
T>G
P-0004362-T01-IM5: 52 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

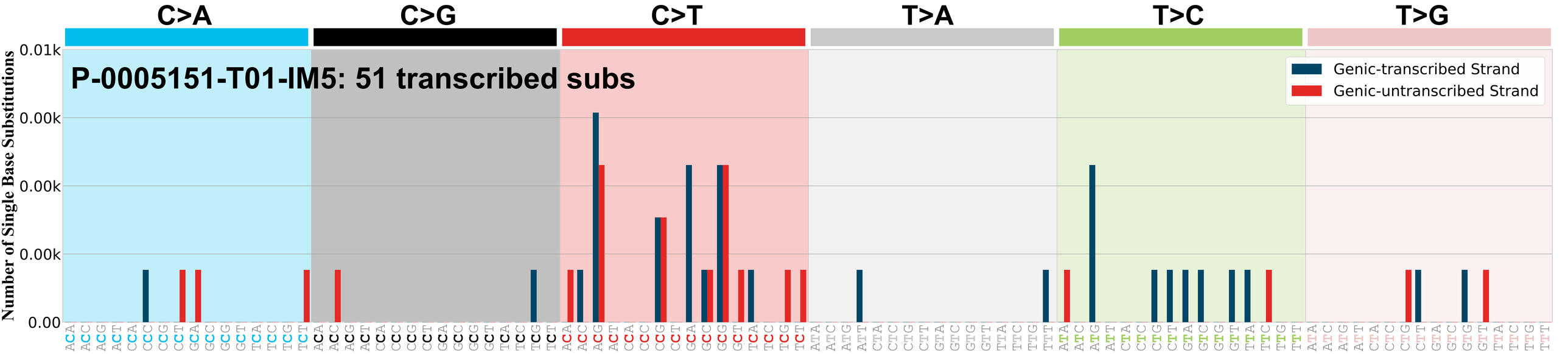

C>A
C>G
C>T
T>A
T>C
T>G
P-0004602-T01-IM5: 41 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

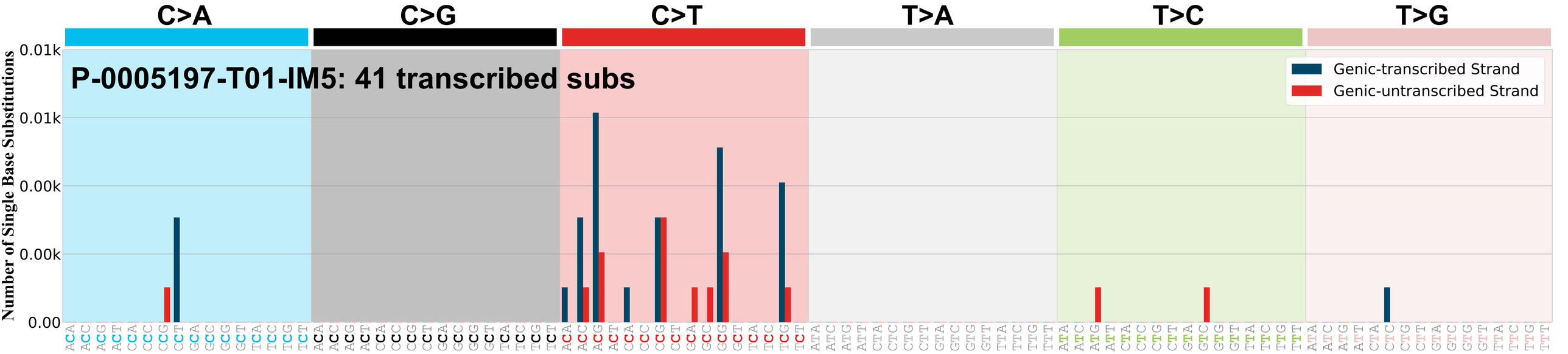

C>A
C>G
C>T
T>A
T>C
T>G
P-0004738-T01-IM5: 65 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT

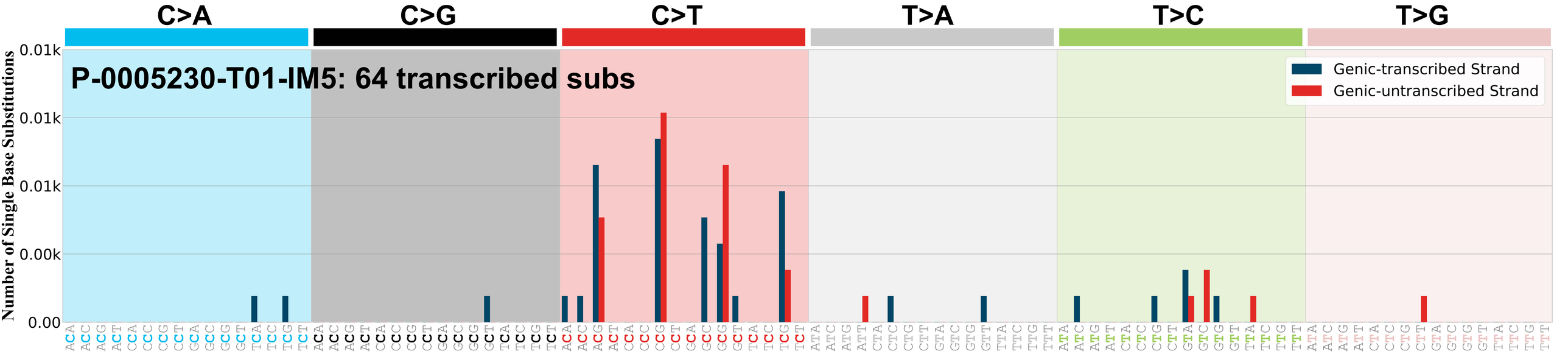

C>A
C>G
C>T
T>A
T>C
T>G
P-0004754-T01-IM5: 56 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

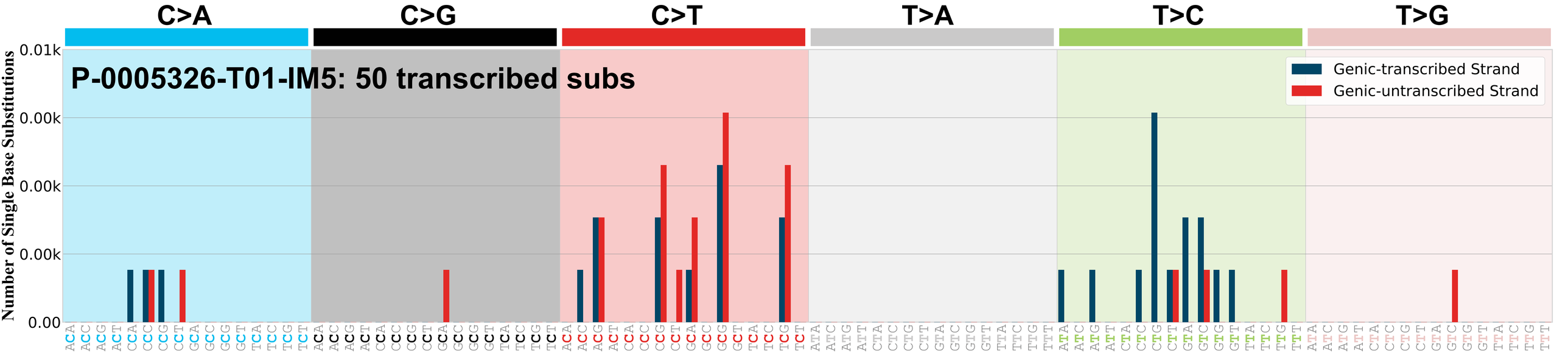

C>A
C>G
C>T
T>A
T>C
T>G
P-0004783-T01-IM5: 38 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

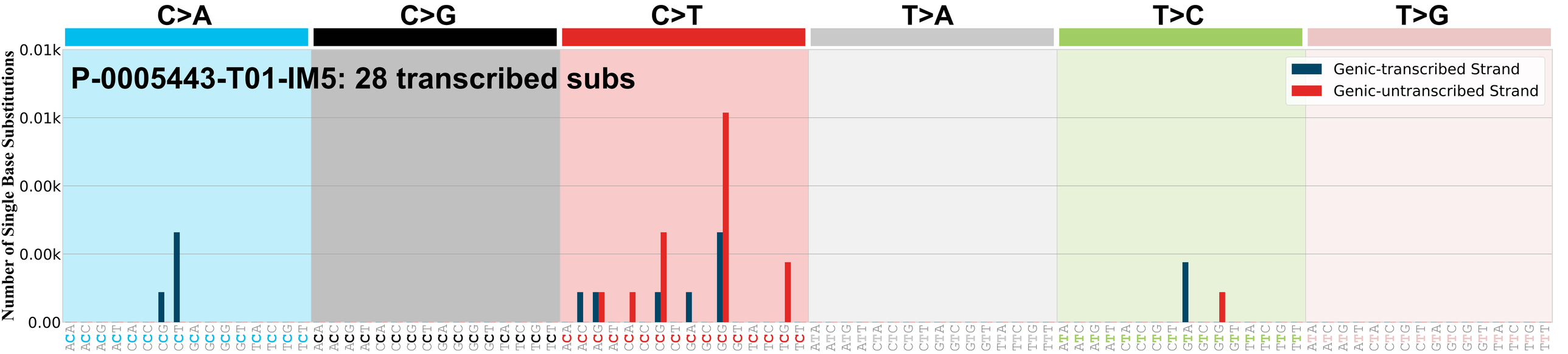

C>A
C>G
C>T
T>A
T>C
T>G
P-0004865-T01-IM5: 147 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.06k
0.04k
0.03k
0.01k
0.00

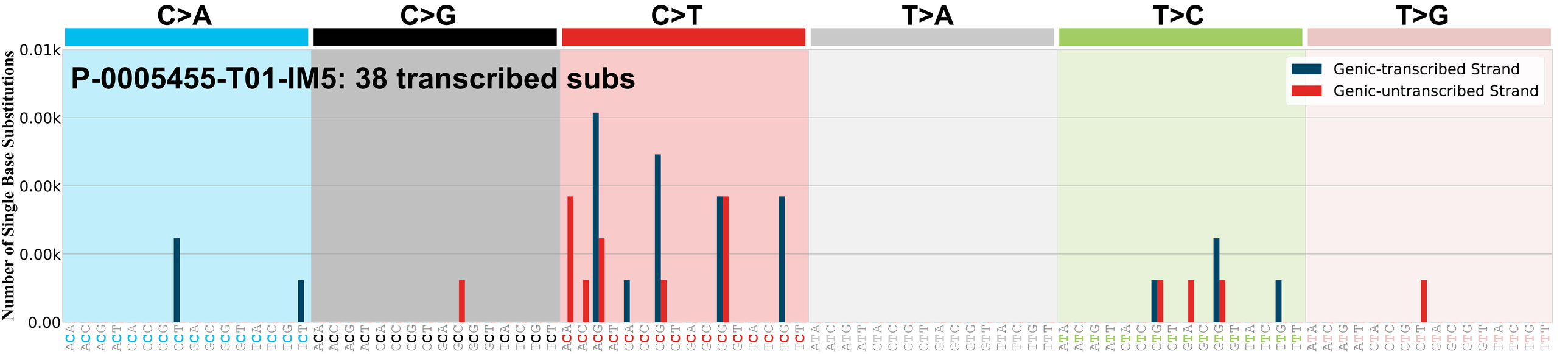

C>A
C>G
C>T
T>A
T>C
T>G
P-0005151-T01-IM5: 51 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

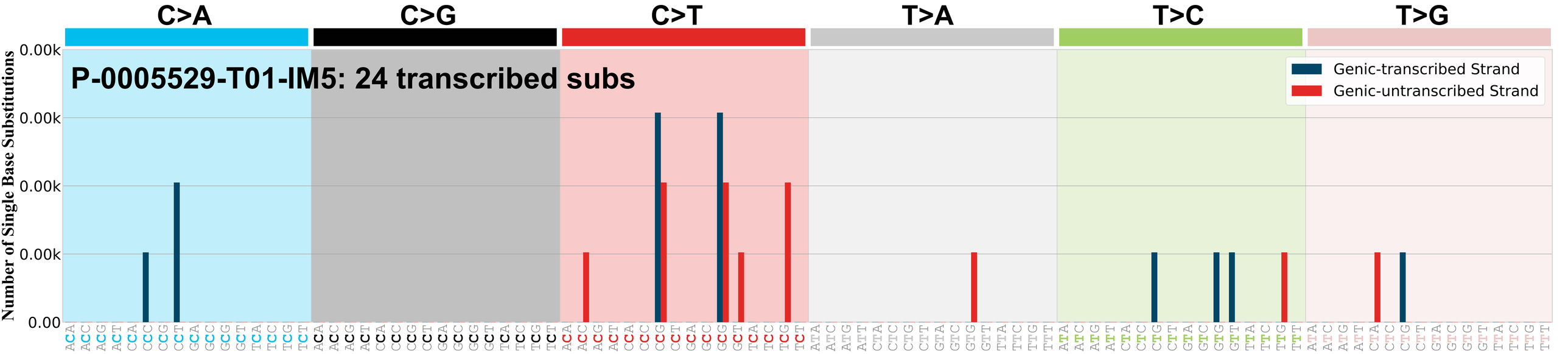

C>A
C>G
C>T
T>A
T>C
T>G
P-0005197-T01-IM5: 41 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

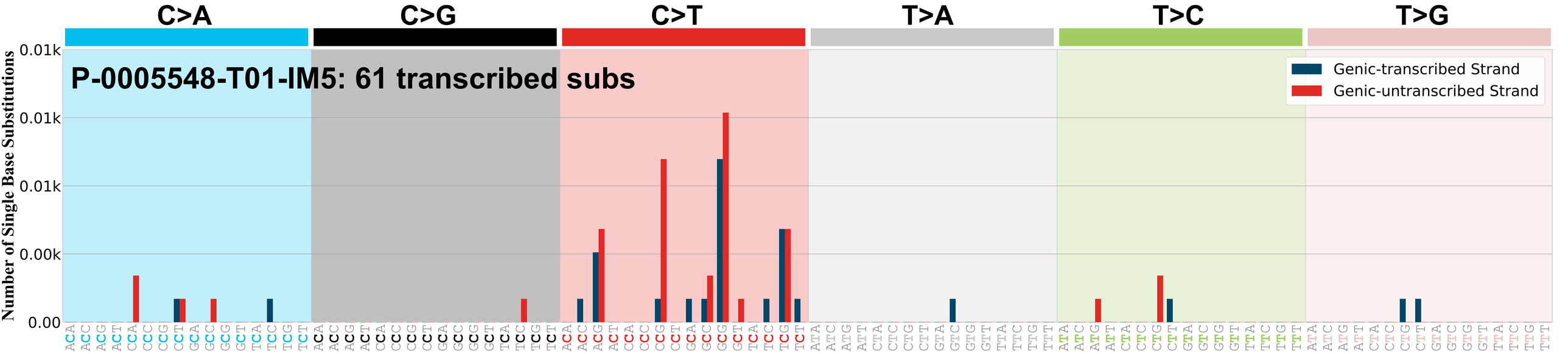

C>A
C>G
C>T
T>A
T>C
T>G
P-0005230-T01-IM5: 64 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT

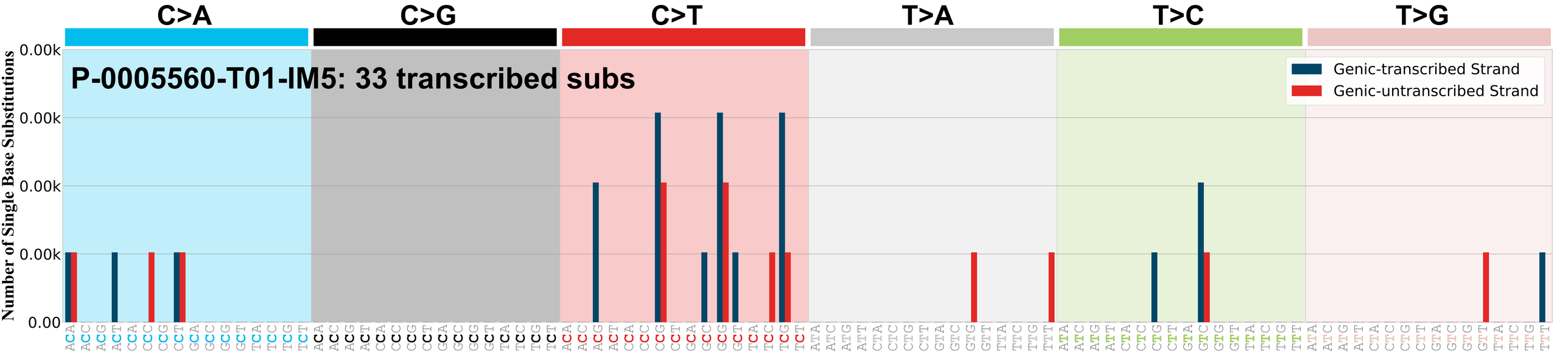

C>A
C>G
C>T
T>A
T>C
T>G
P-0005326-T01-IM5: 50 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

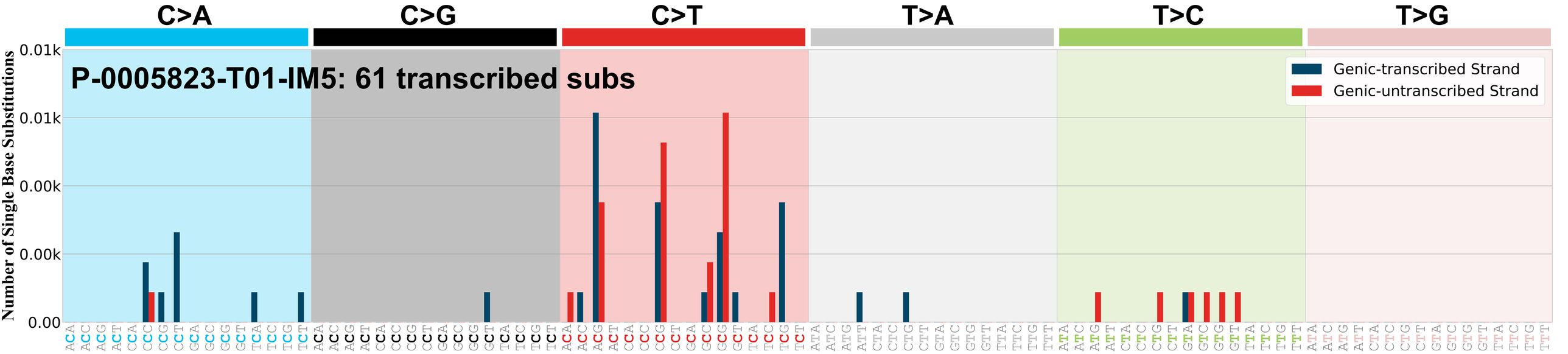

C>A
C>G
C>T
T>A
T>C
T>G
P-0005443-T01-IM5: 28 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

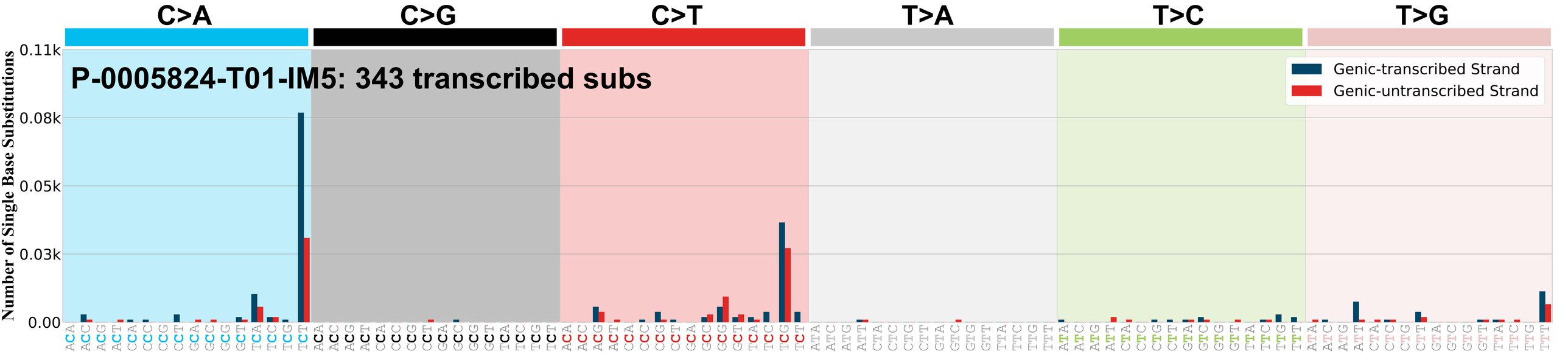

C>A
C>G
C>T
T>A
T>C
T>G
P-0005455-T01-IM5: 38 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

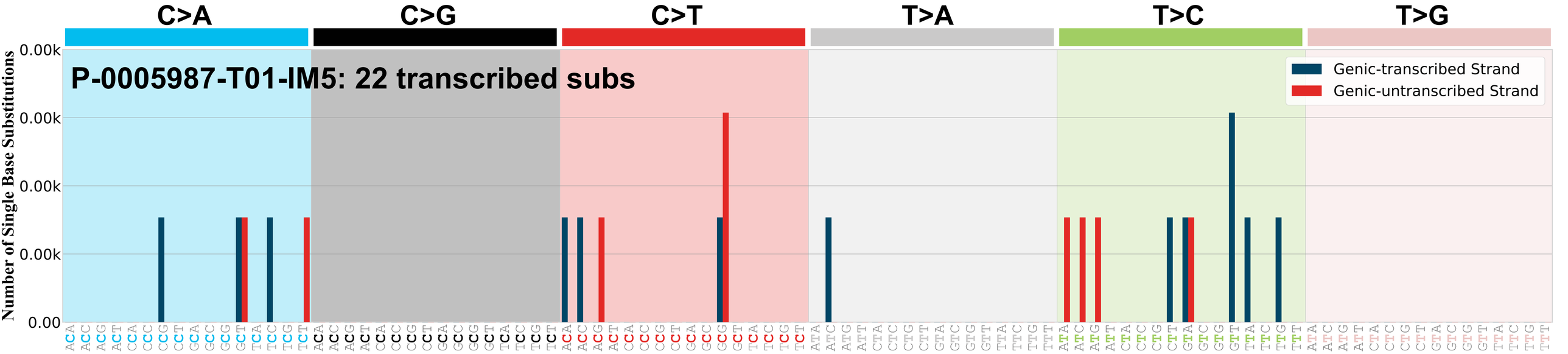

C>A
C>G
C>T
T>A
T>C
T>G
P-0005529-T01-IM5: 24 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT

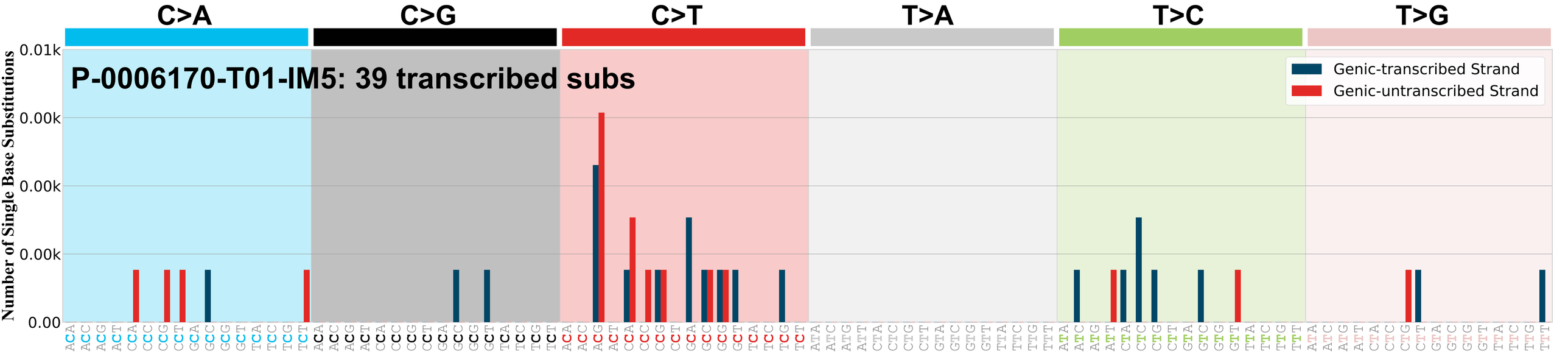

C>A
C>G
C>T
T>A
T>C
T>G
P-0005548-T01-IM5: 61 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

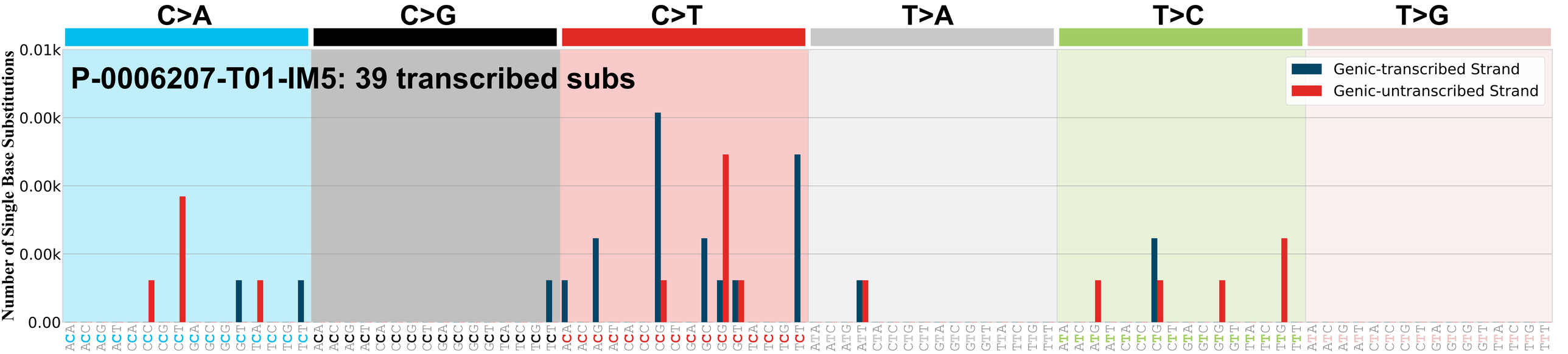

C>A
C>G
C>T
T>A
T>C
T>G
P-0005560-T01-IM5: 33 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

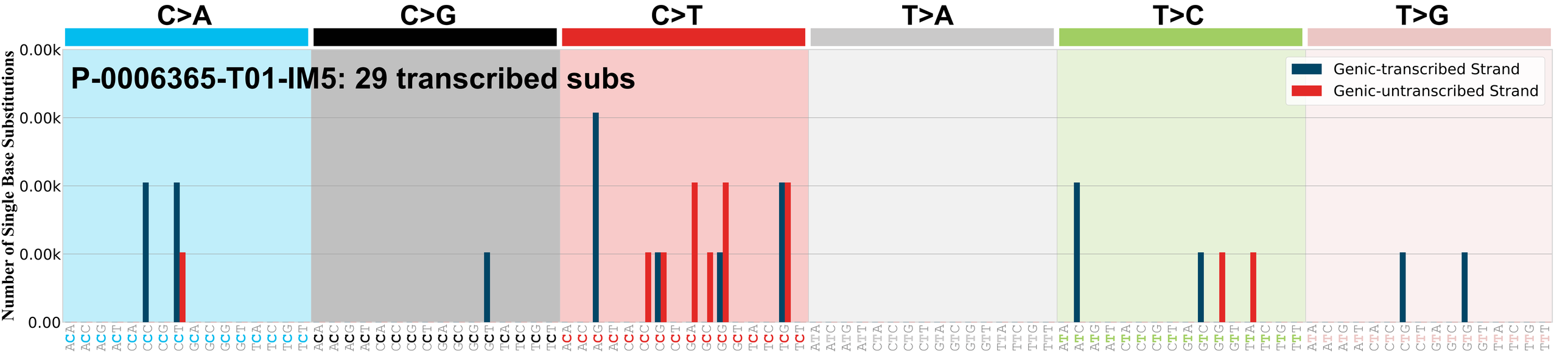

C>A
C>G
C>T
T>A
T>C
T>G
P-0005823-T01-IM5: 61 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

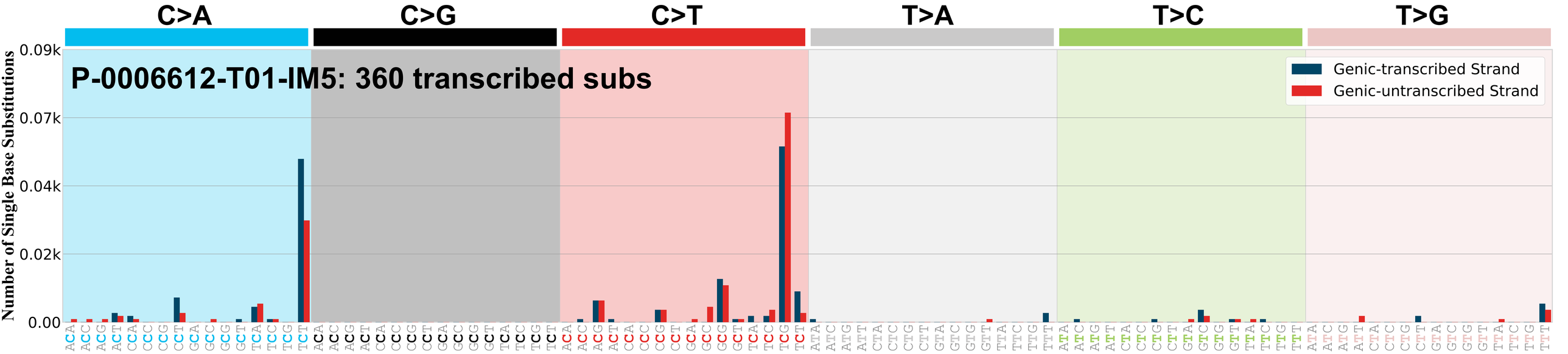

C>A
C>G
C>T
T>A
T>C
T>G
P-0005824-T01-IM5: 343 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.11k
0.08k
0.05k
0.03k
0.00

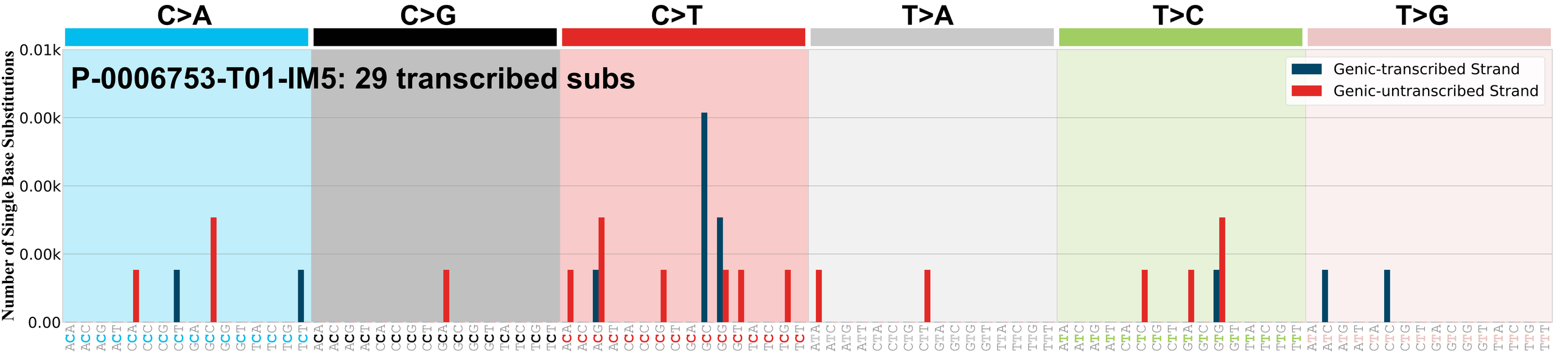

C>A
C>G
C>T
T>A
T>C
T>G
P-0005987-T01-IM5: 22 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

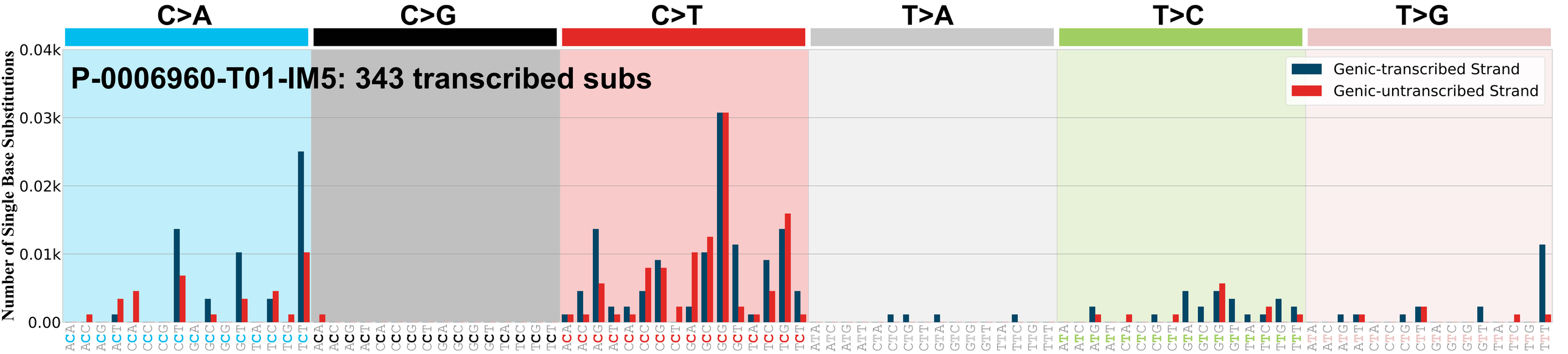

C>A
C>G
C>T
T>A
T>C
T>G
P-0006170-T01-IM5: 39 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

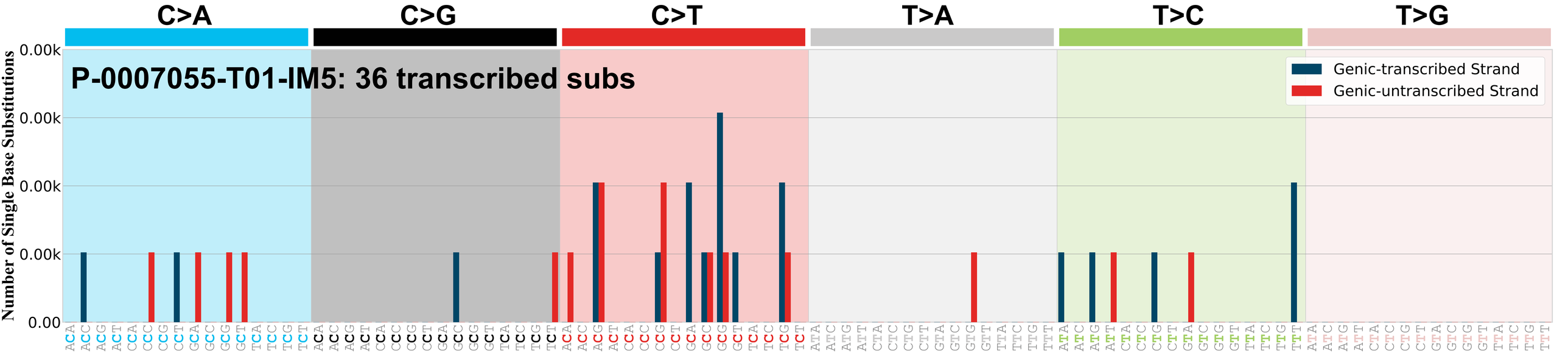

C>A
C>G
C>T
T>A
T>C
T>G
P-0006207-T01-IM5: 39 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

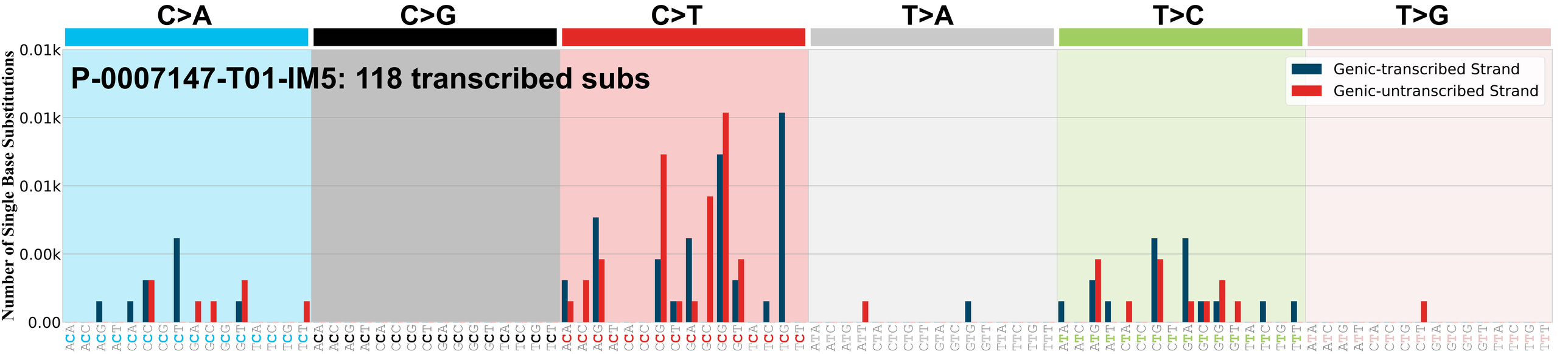

C>A
C>G
C>T
T>A
T>C
T>G
P-0006365-T01-IM5: 29 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT

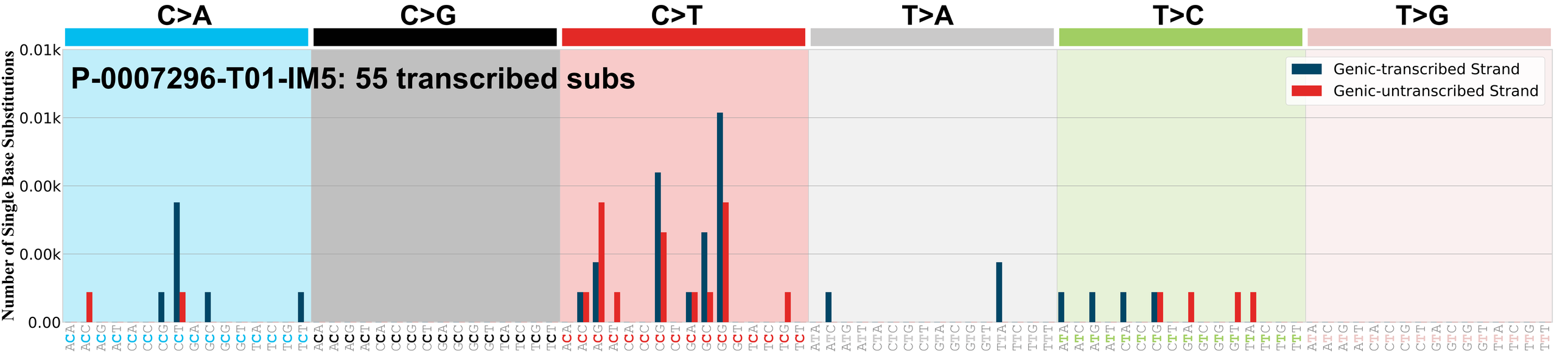

C>A
C>G
C>T
T>A
T>C
T>G
P-0006612-T01-IM5: 360 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.09k
0.07k
0.04k
0.02k
0.00

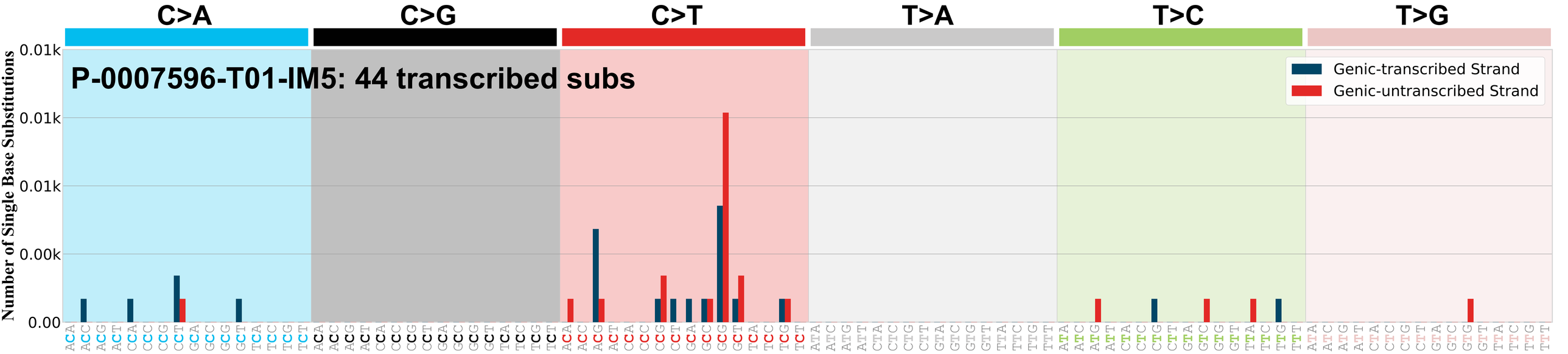

C>A
C>G
C>T
T>A
T>C
T>G
P-0006753-T01-IM5: 29 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

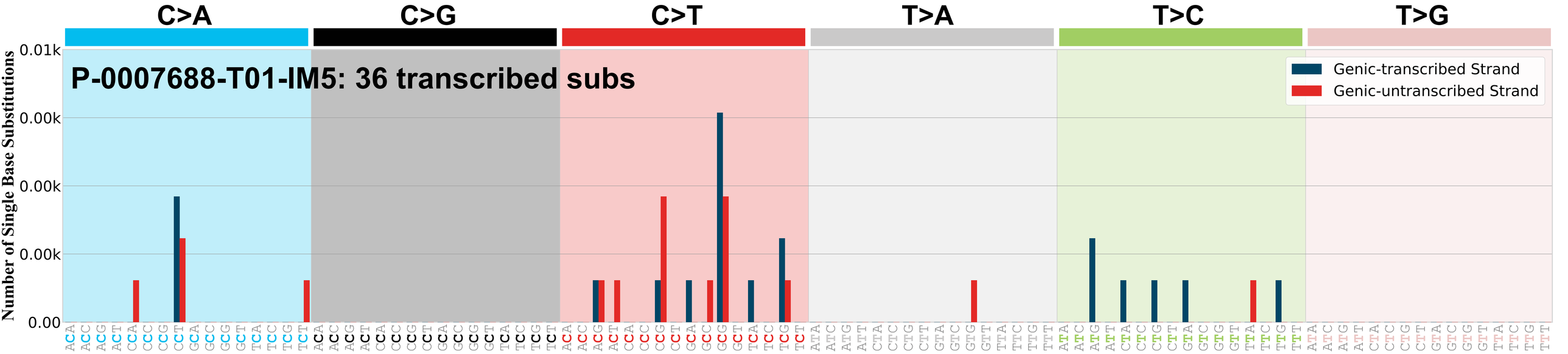

C>A
C>G
C>T
T>A
T>C
T>G
P-0006960-T01-IM5: 343 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.04k
0.03k
0.02k
0.01k
0.00

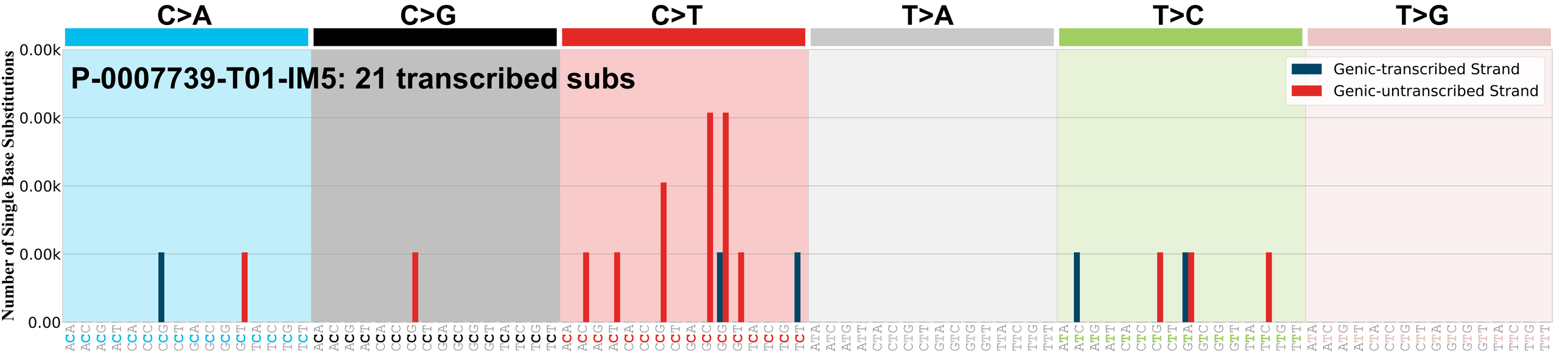

C>A
C>G
C>T
T>A
T>C
T>G
P-0007055-T01-IM5: 36 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

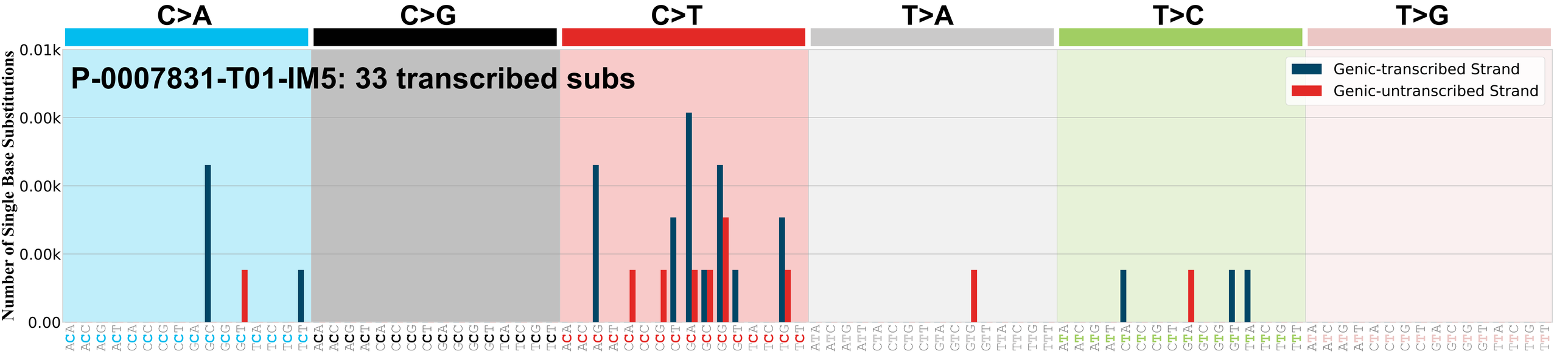

C>A
C>G
C>T
T>A
T>C
T>G
P-0007147-T01-IM5: 118 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT

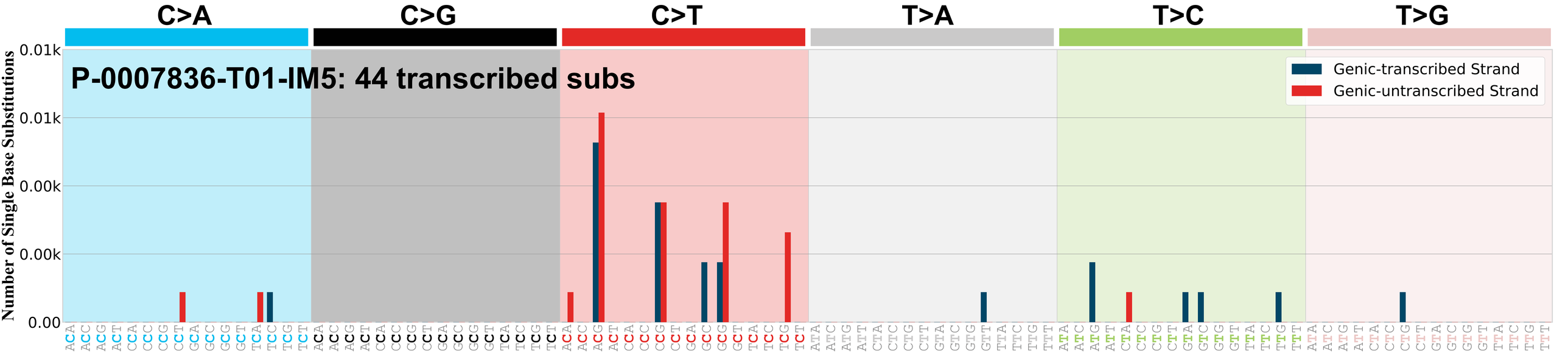

C>A
C>G
C>T
T>A
T>C
T>G
P-0007296-T01-IM5: 55 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

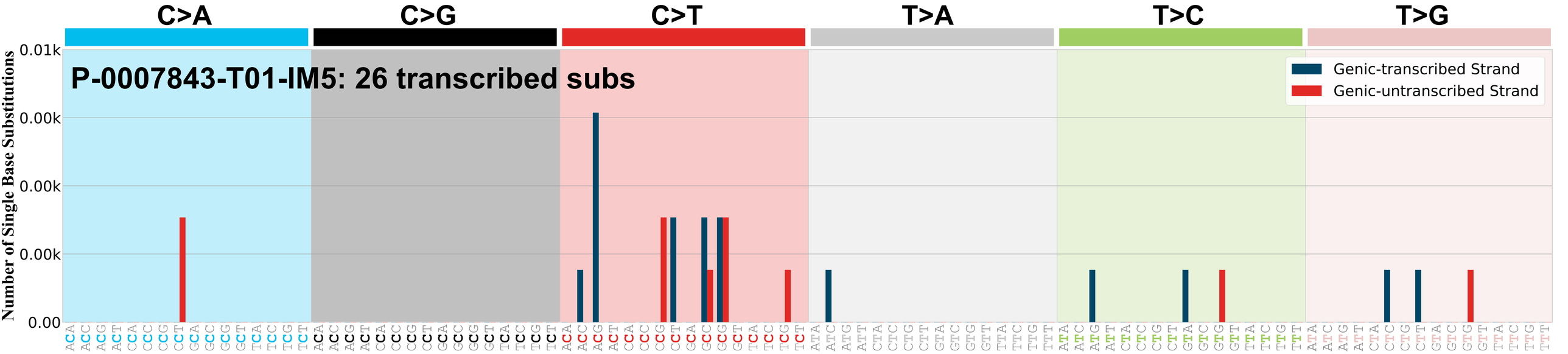

C>A
C>G
C>T
T>A
T>C
T>G
P-0007596-T01-IM5: 44 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

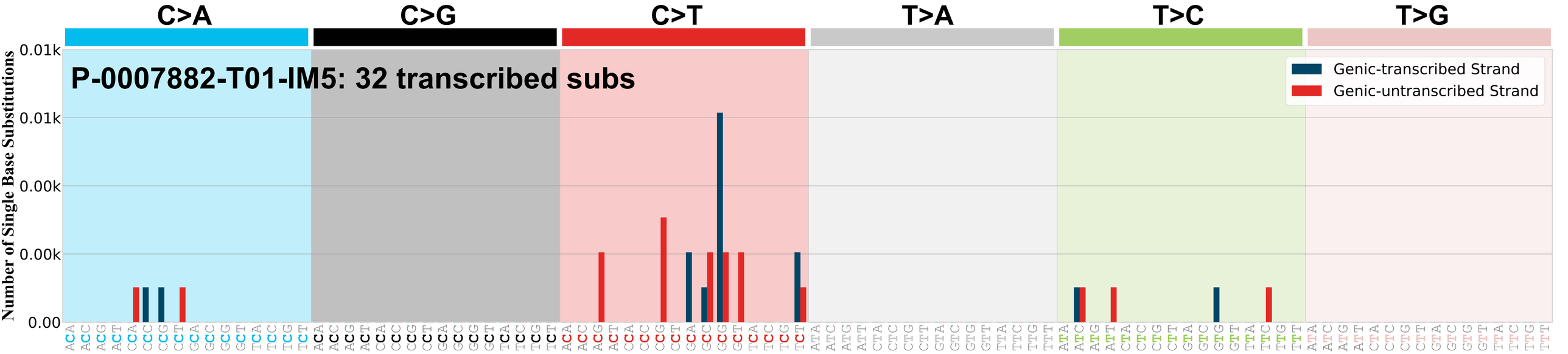

C>A
C>G
C>T
T>A
T>C
T>G
P-0007688-T01-IM5: 36 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

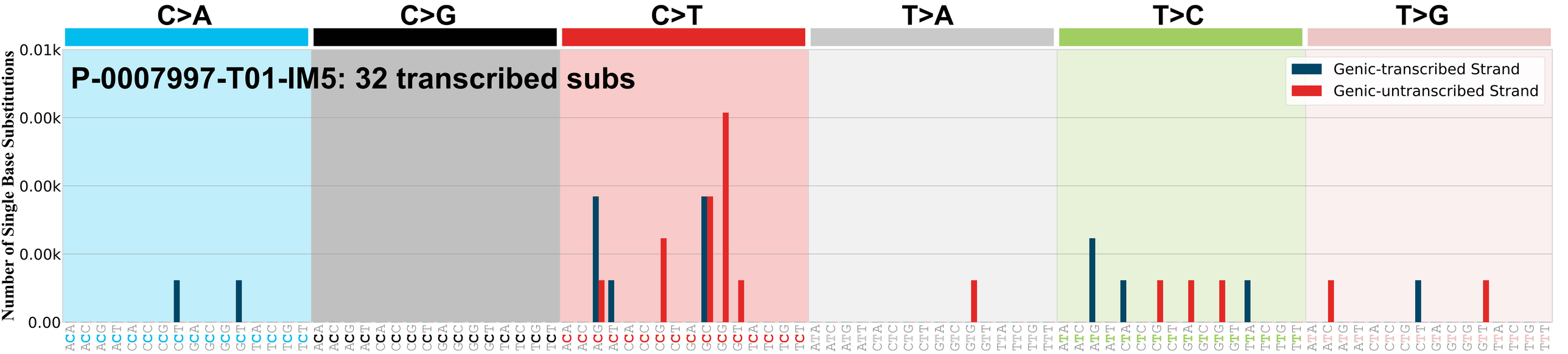

C>A
C>G
C>T
T>A
T>C
T>G
P-0007739-T01-IM5: 21 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

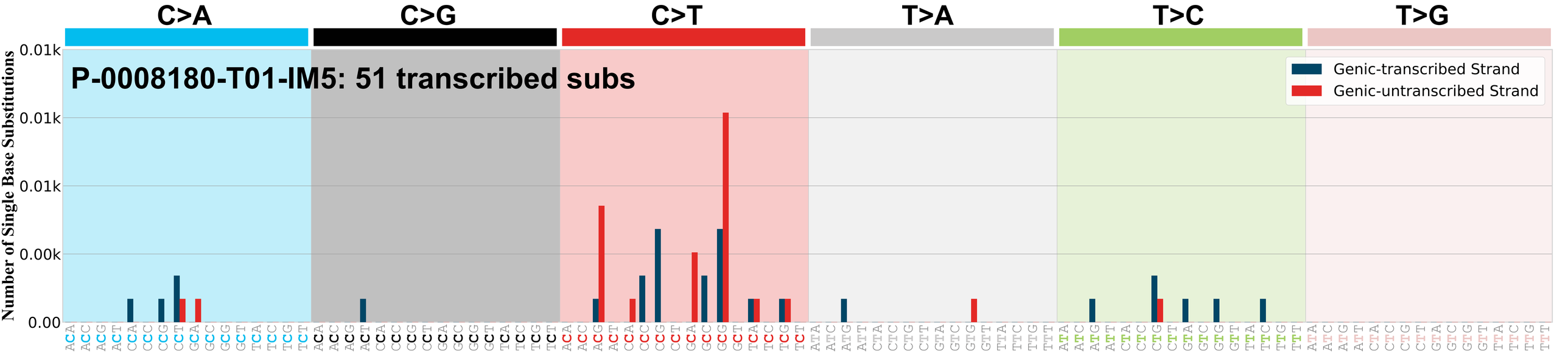

C>A
C>G
C>T
T>A
T>C
T>G
P-0007831-T01-IM5: 33 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

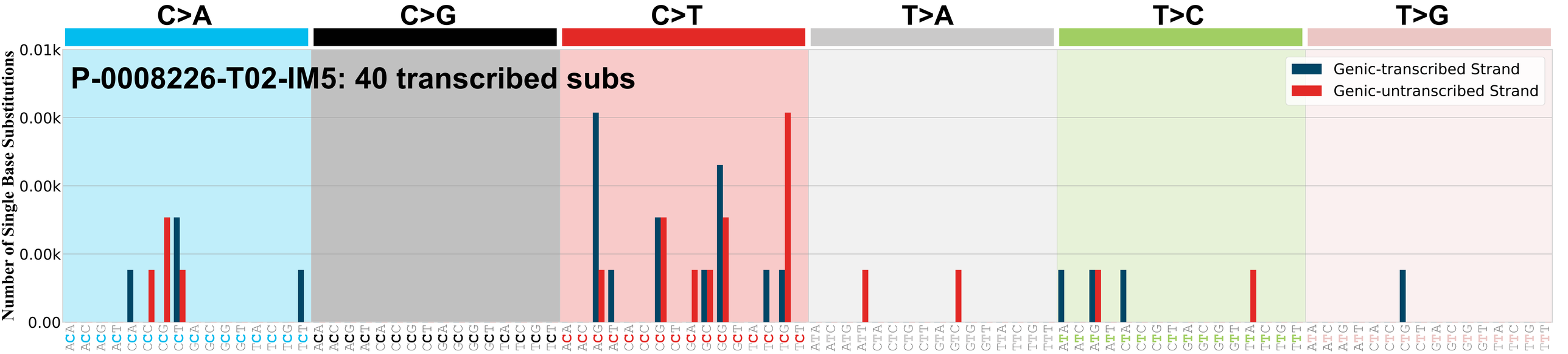

C>A
C>G
C>T
T>A
T>C
T>G
P-0007836-T01-IM5: 44 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

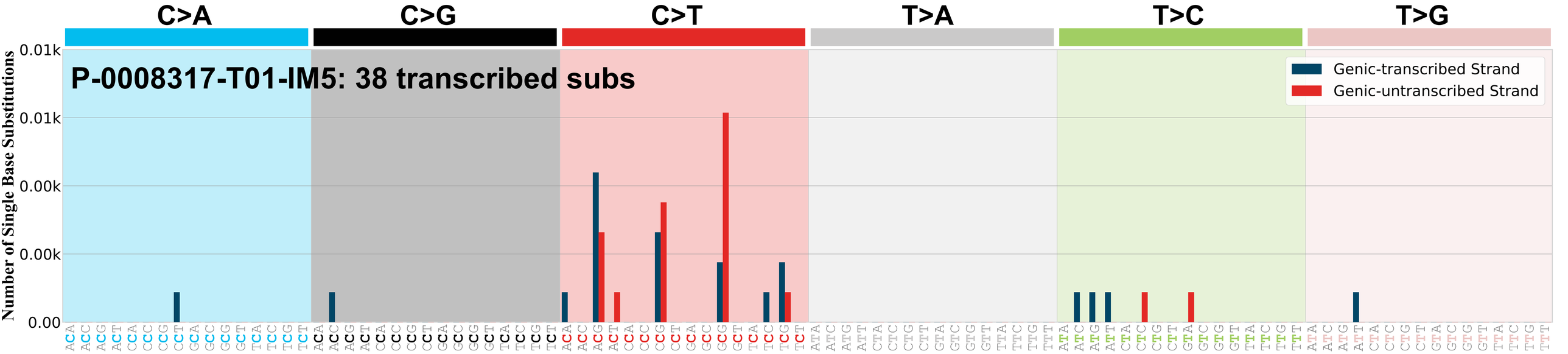

C>A
C>G
C>T
T>A
T>C
T>G
P-0007843-T01-IM5: 26 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

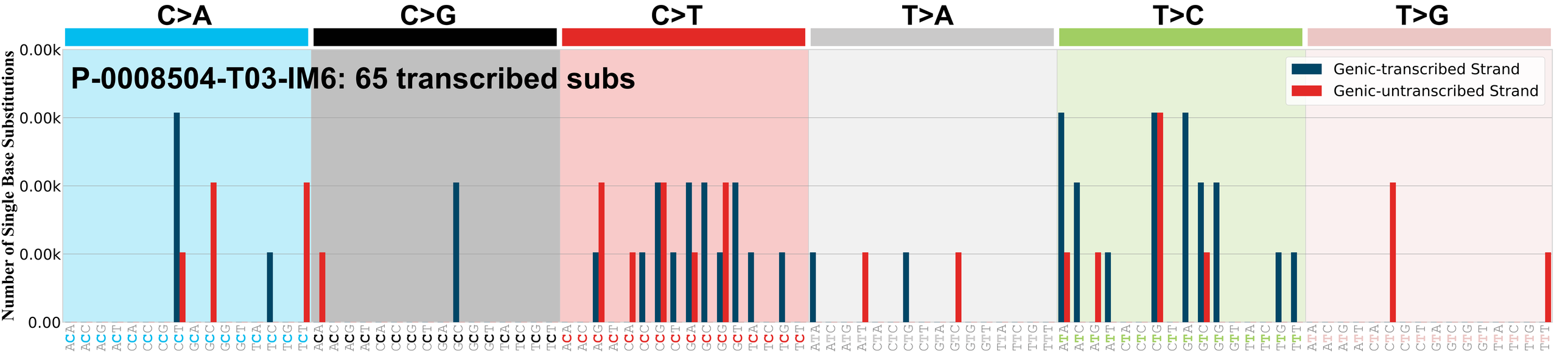

C>A
C>G
C>T
T>A
T>C
T>G
P-0007882-T01-IM5: 32 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

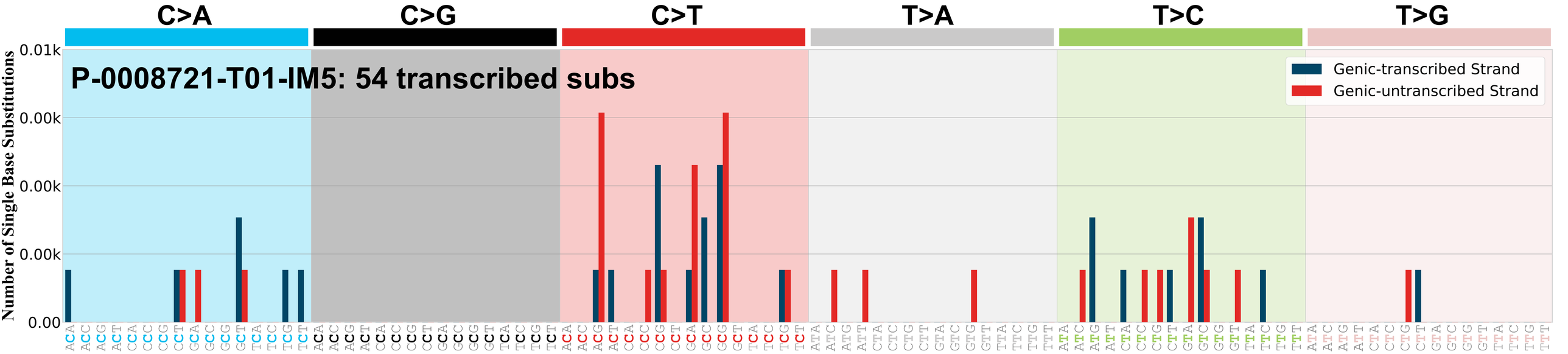

C>A
C>G
C>T
T>A
T>C
T>G
P-0007997-T01-IM5: 32 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT

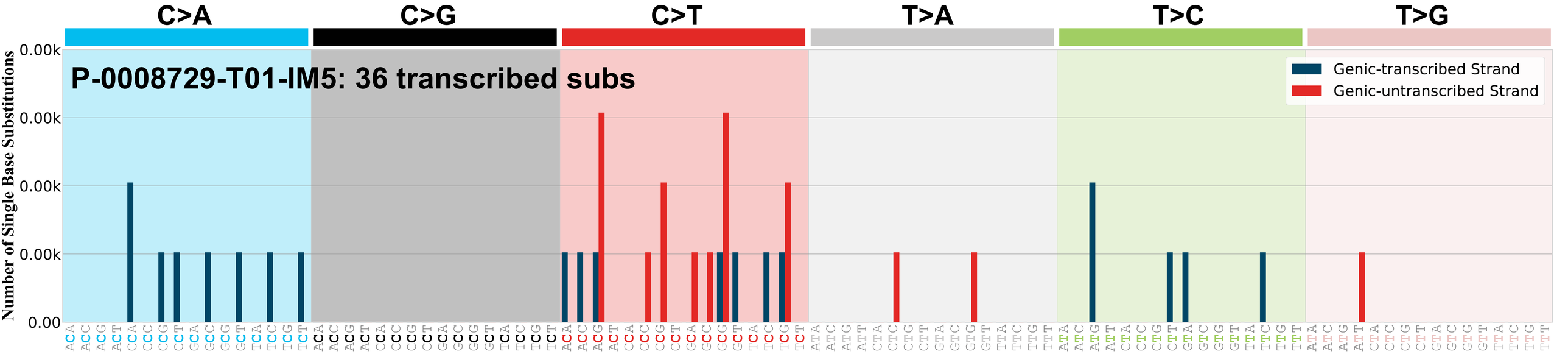

C>A
C>G
C>T
T>A
T>C
T>G
P-0008180-T01-IM5: 51 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

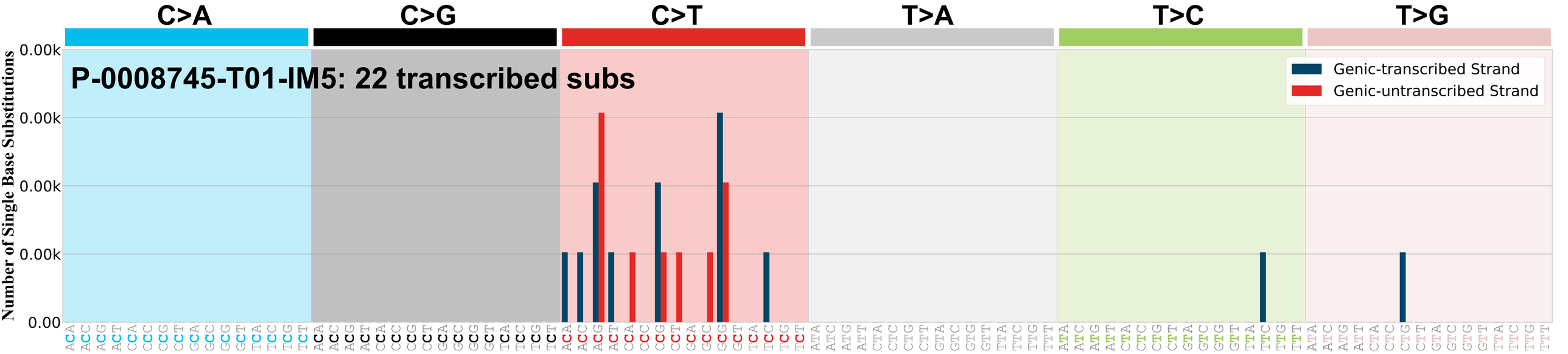

C>A
C>G
C>T
T>A
T>C
T>G
P-0008226-T02-IM5: 40 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

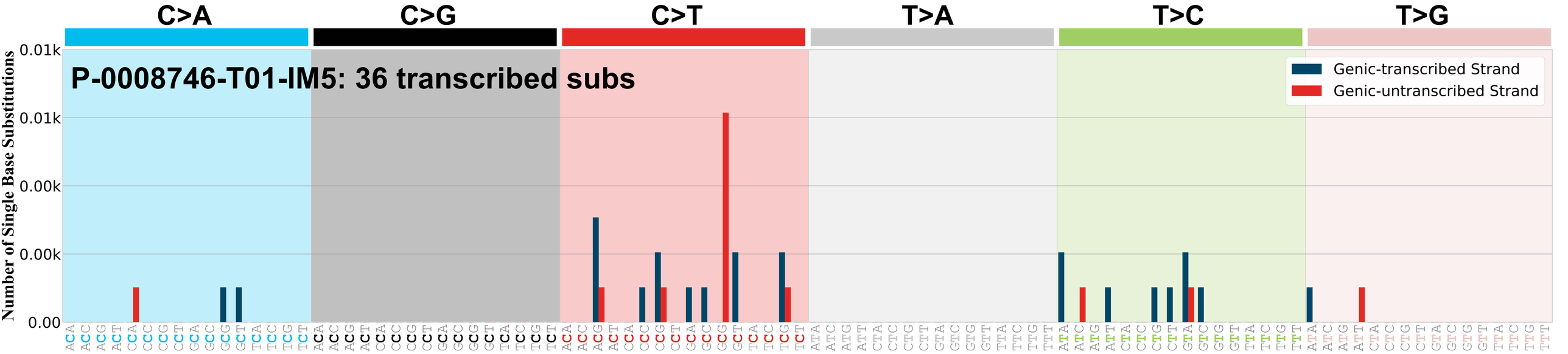

C>A
C>G
C>T
T>A
T>C
T>G
P-0008317-T01-IM5: 38 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT

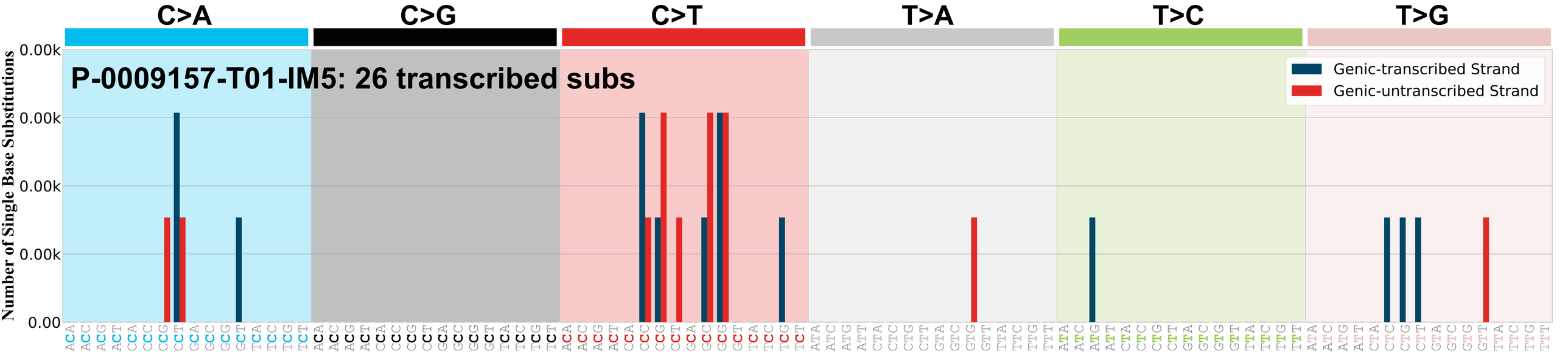

C>A
C>G
C>T
T>A
T>C
T>G
P-0008504-T03-IM6: 65 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

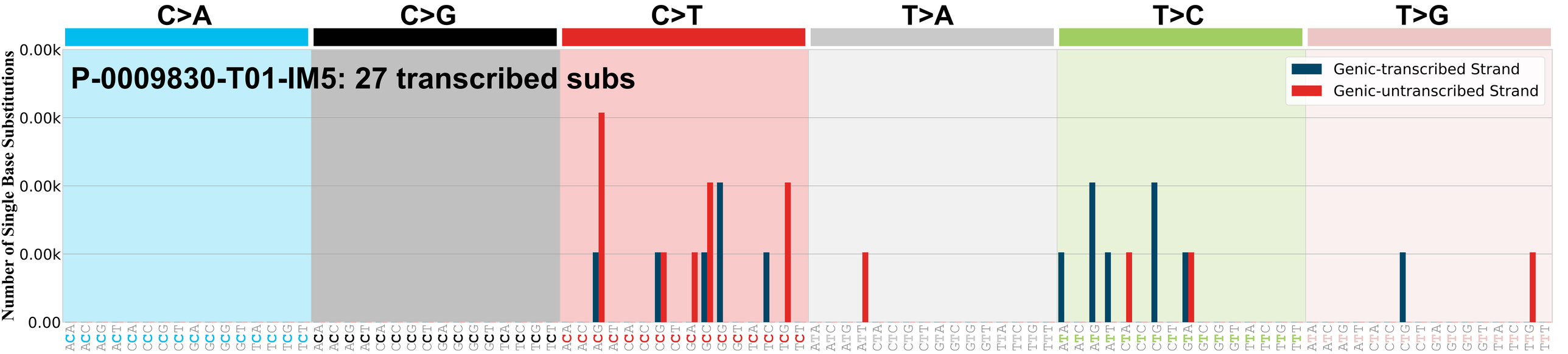

C>A
C>G
C>T
T>A
T>C
T>G
P-0008721-T01-IM5: 54 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

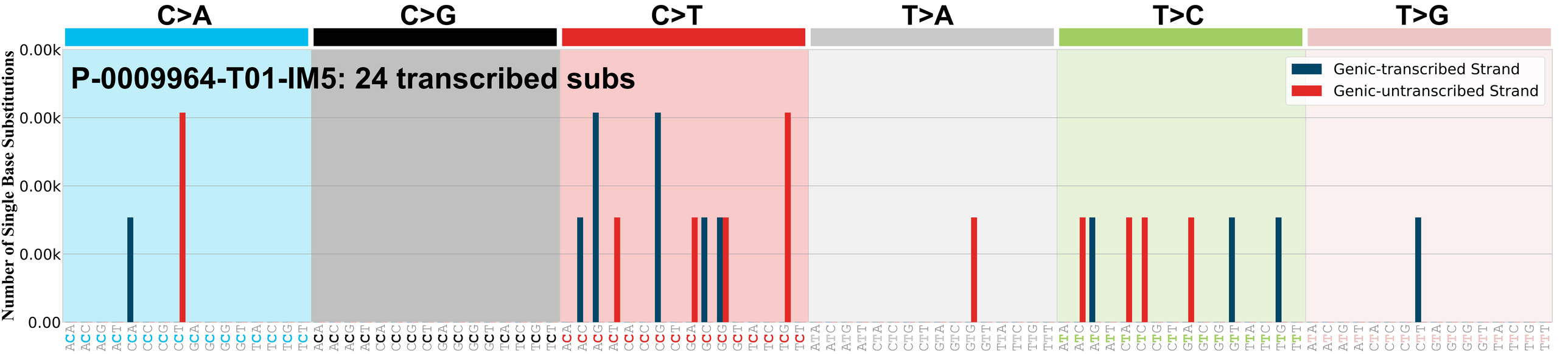

C>A
C>G
C>T
T>A
T>C
T>G
P-0008729-T01-IM5: 36 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

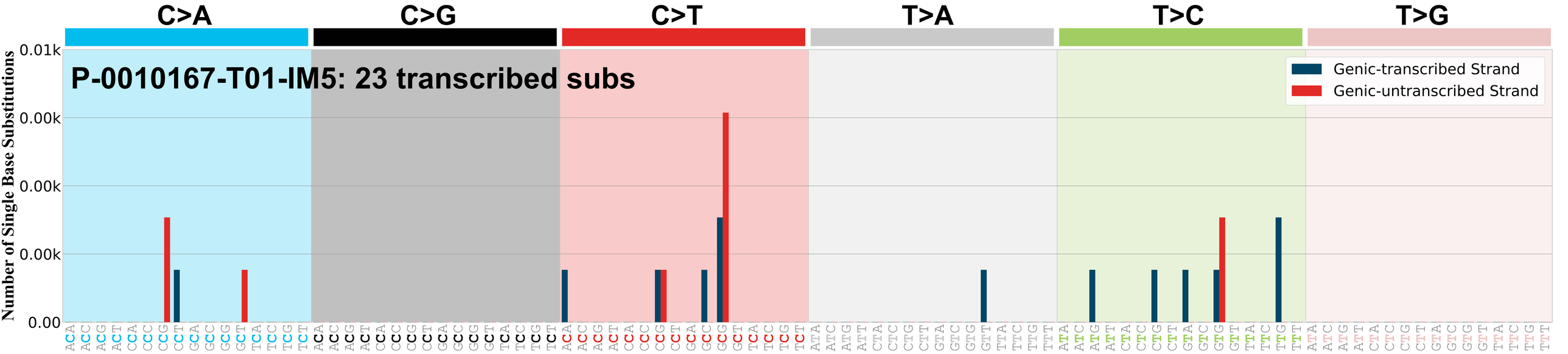

C>A
C>G
C>T
T>A
T>C
T>G
P-0008745-T01-IM5: 22 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

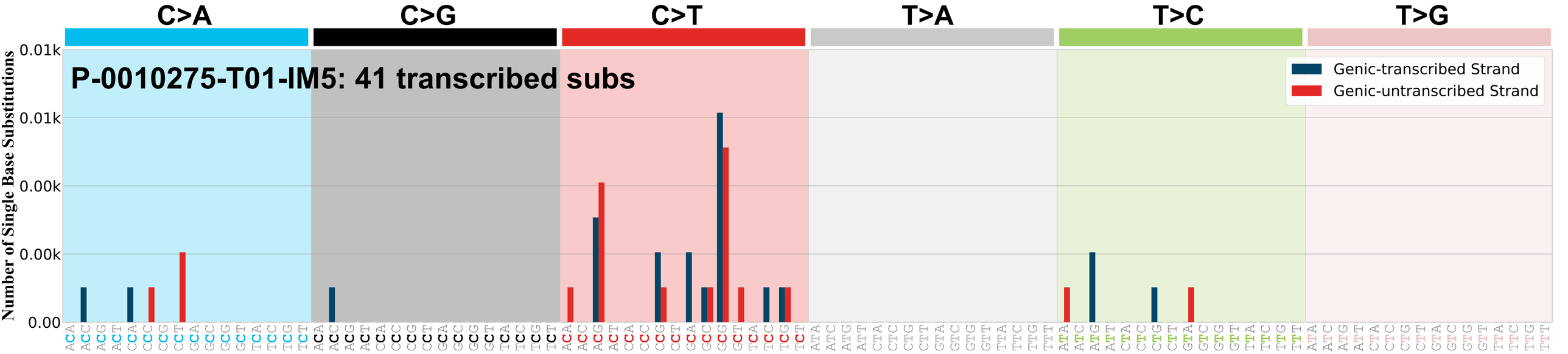

C>A
C>G
C>T
T>A
T>C
T>G
P-0008746-T01-IM5: 36 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

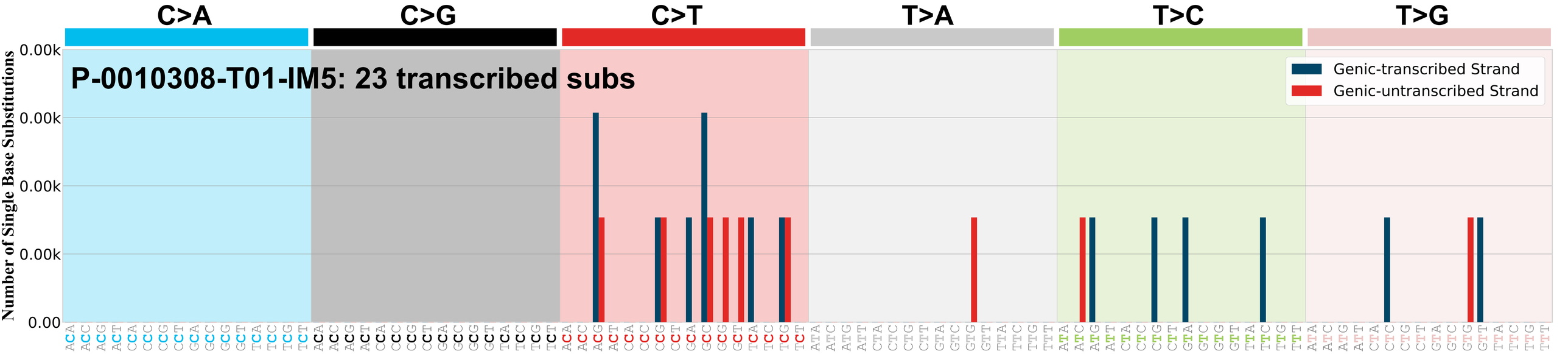

C>A
C>G
C>T
T>A
T>C
T>G
P-0009157-T01-IM5: 26 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

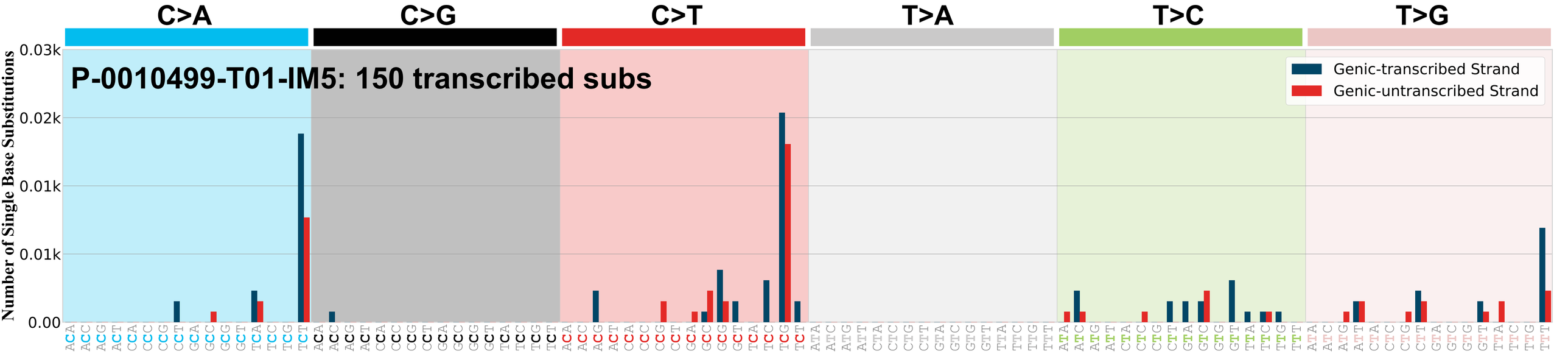

C>A
C>G
C>T
T>A
T>C
T>G
P-0009830-T01-IM5: 27 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

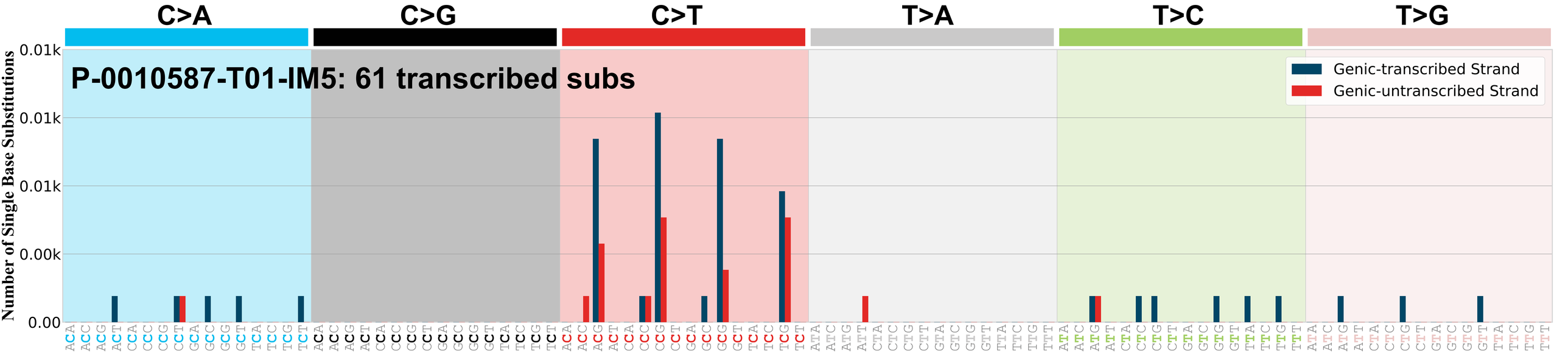

C>A
C>G
C>T
T>A
T>C
T>G
P-0009964-T01-IM5: 24 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT

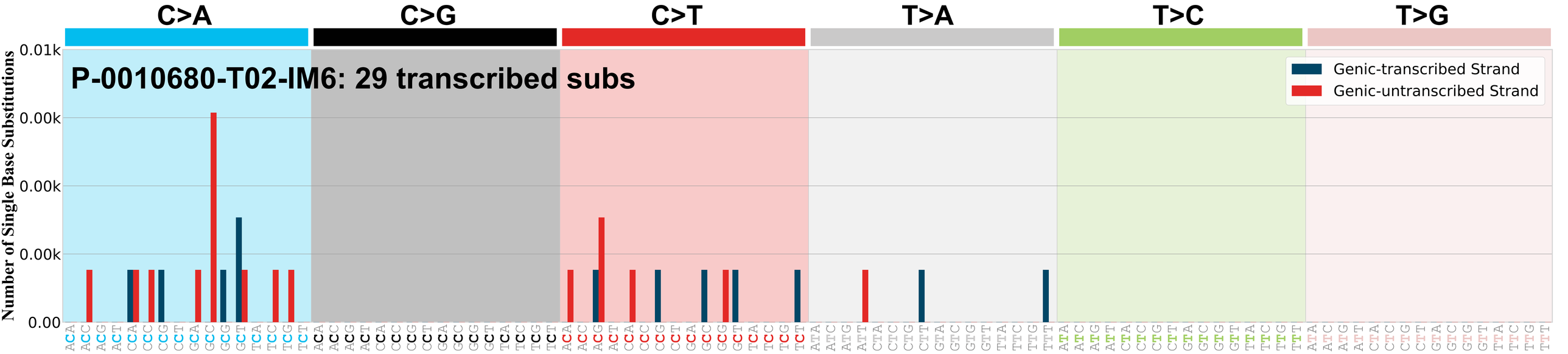

C>A
C>G
C>T
T>A
T>C
T>G
P-0010167-T01-IM5: 23 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

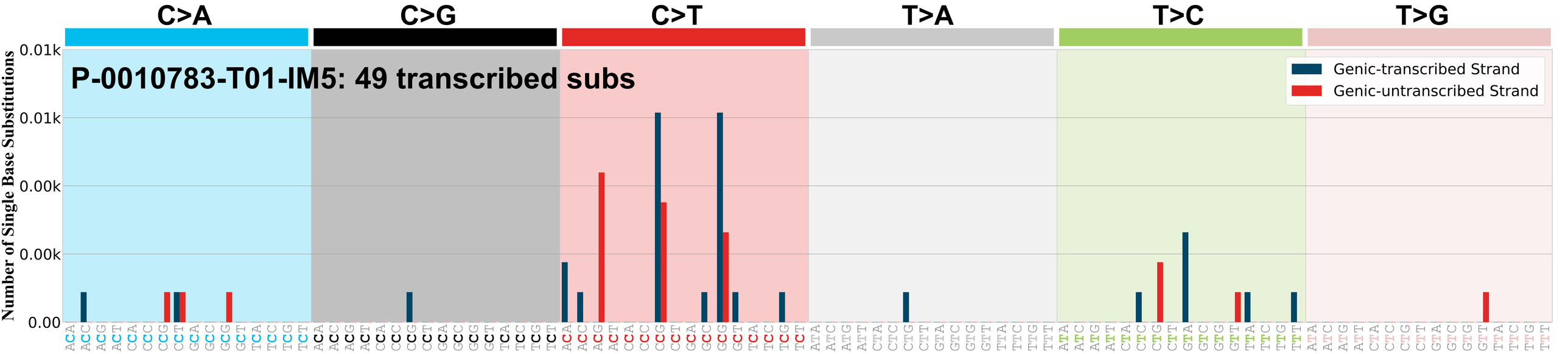

C>A
C>G
C>T
T>A
T>C
T>G
P-0010275-T01-IM5: 41 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

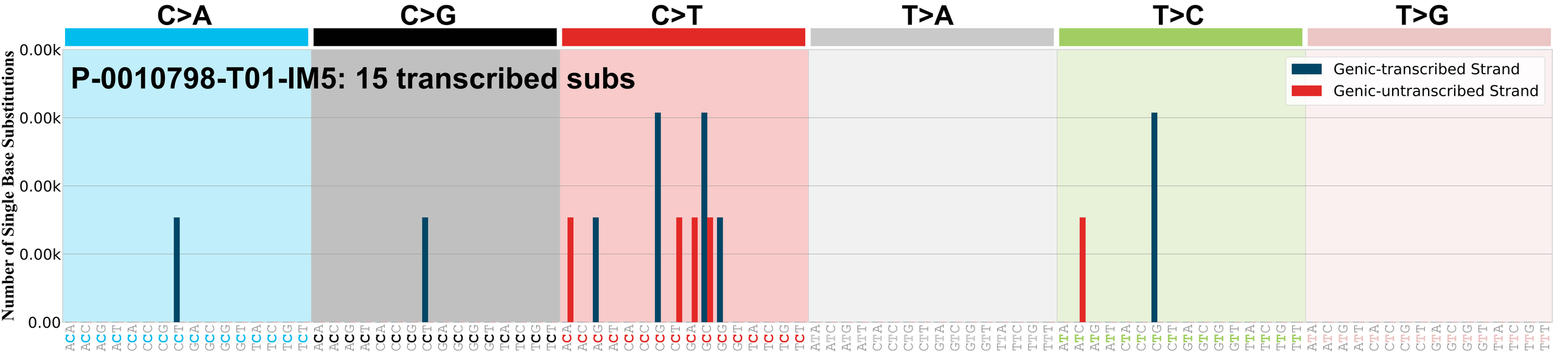

C>A
C>G
C>T
T>A
T>C
T>G
P-0010308-T01-IM5: 23 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

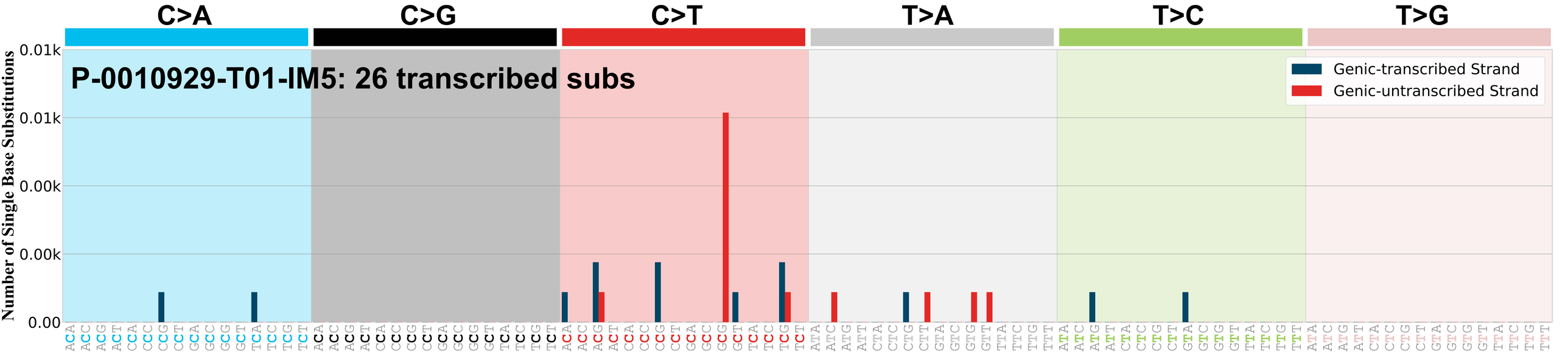

C>A
C>G
C>T
T>A
T>C
T>G
P-0010499-T01-IM5: 150 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.03k
0.02k
0.01k
0.01k
0.00

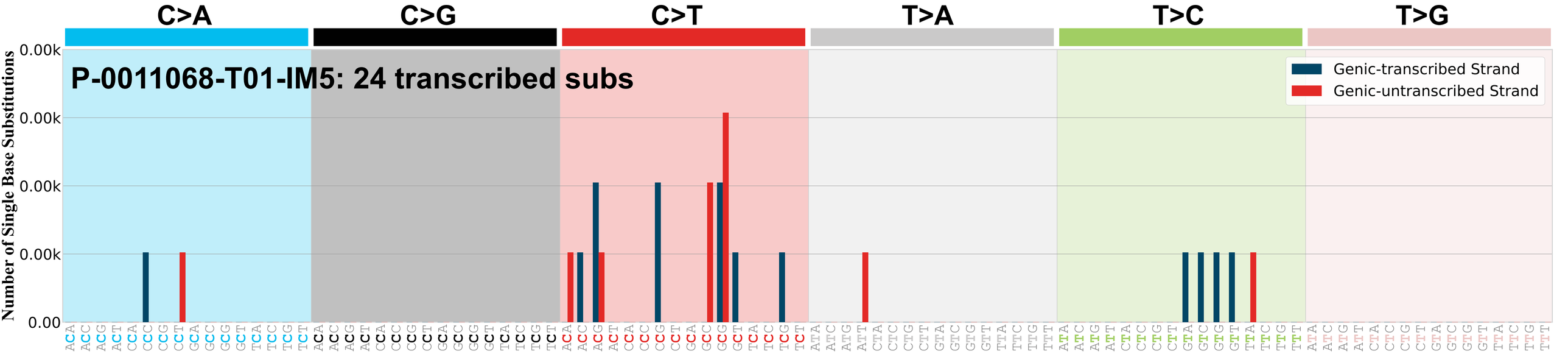

C>A
C>G
C>T
T>A
T>C
T>G
P-0010587-T01-IM5: 61 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

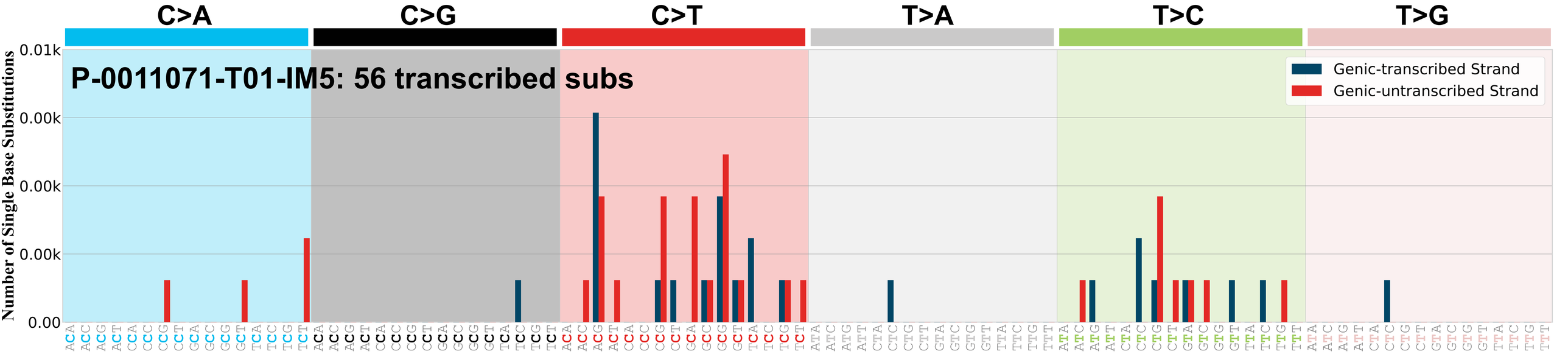

C>A
C>G
C>T
T>A
T>C
T>G
P-0010680-T02-IM6: 29 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

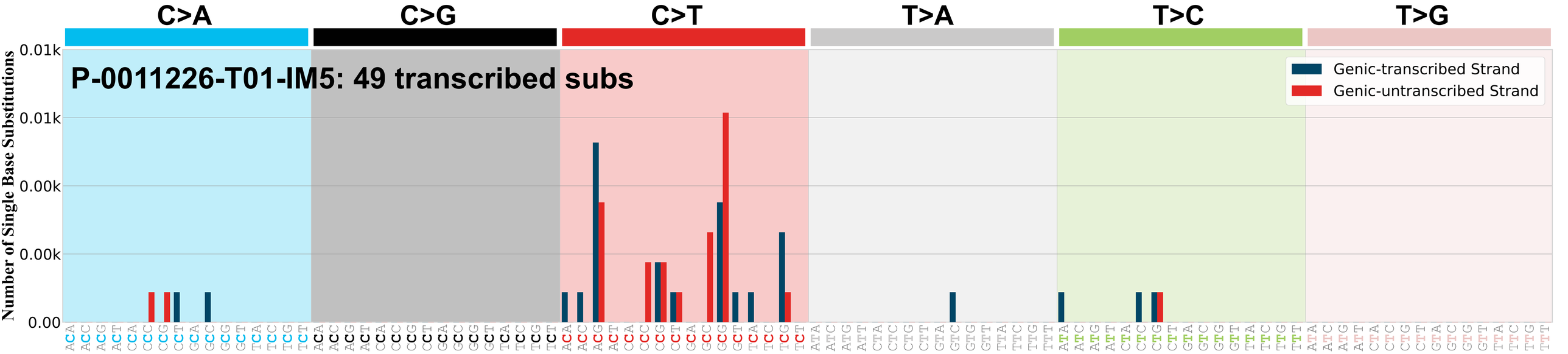

C>A
C>G
C>T
T>A
T>C
T>G
P-0010783-T01-IM5: 49 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

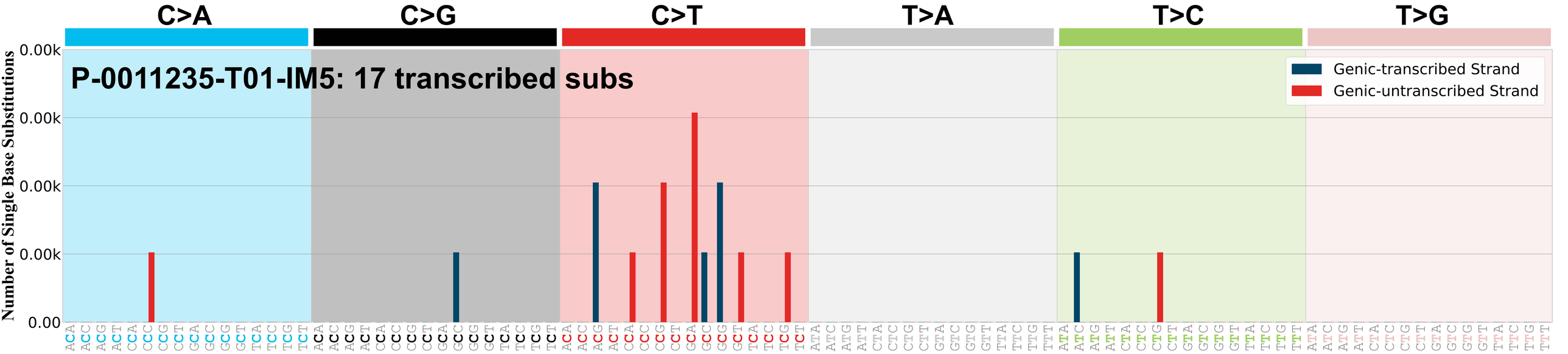

C>A
C>G
C>T
T>A
T>C
T>G
P-0010798-T01-IM5: 15 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT

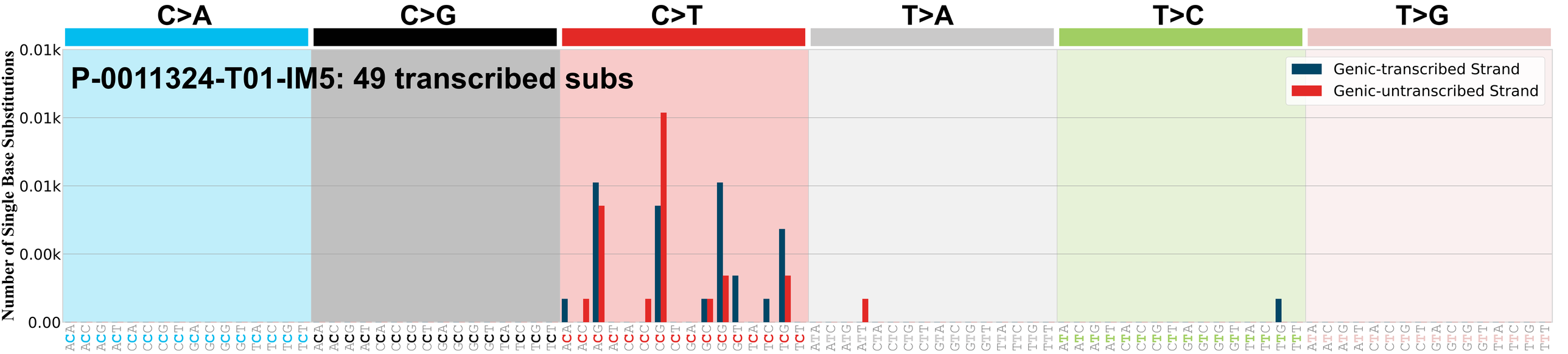

C>A
C>G
C>T
T>A
T>C
T>G
P-0010929-T01-IM5: 26 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

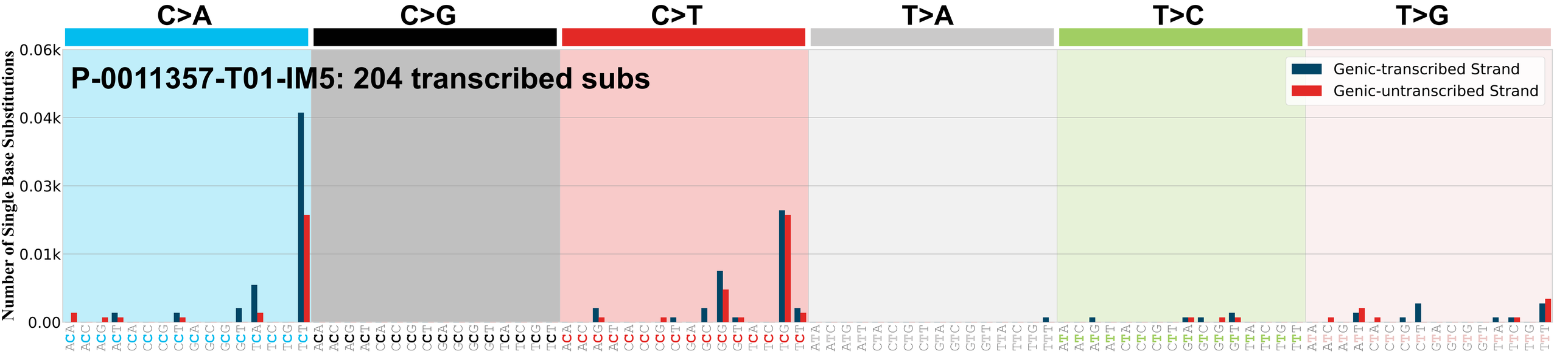

C>A
C>G
C>T
T>A
T>C
T>G
P-0011068-T01-IM5: 24 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

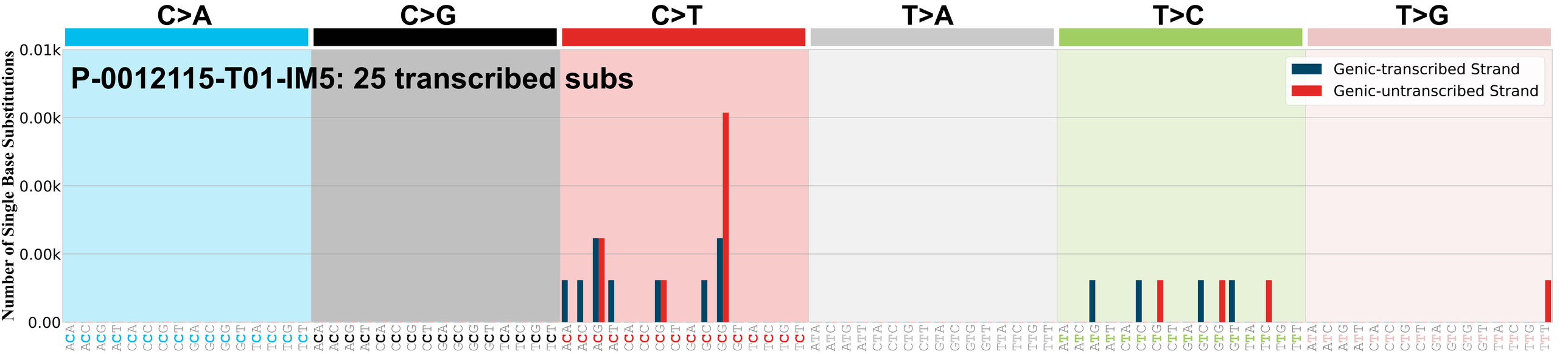

C>A
C>G
C>T
T>A
T>C
T>G
P-0011071-T01-IM5: 56 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT

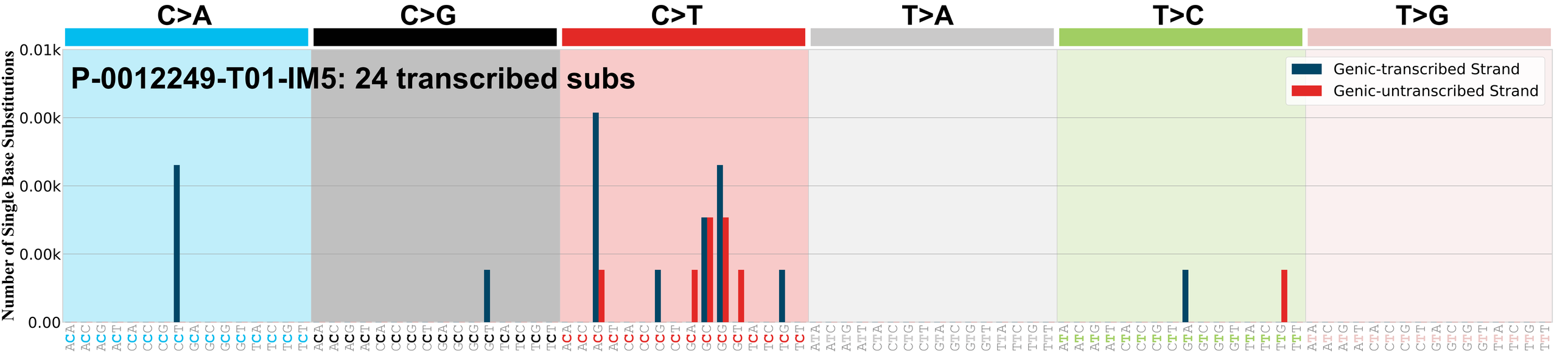

C>A
C>G
C>T
T>A
T>C
T>G
P-0011226-T01-IM5: 49 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT

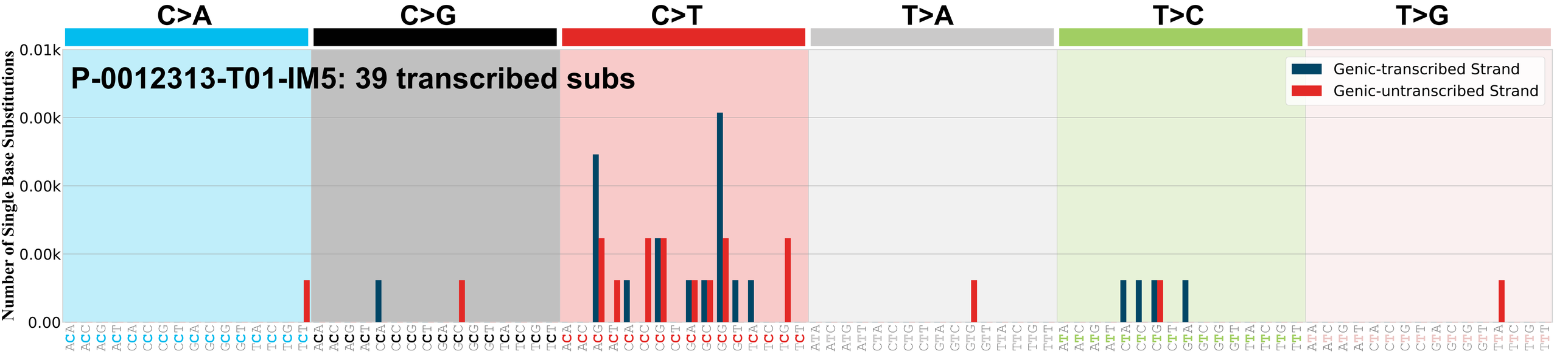

C>A
C>G
C>T
T>A
T>C
T>G
P-0011235-T01-IM5: 17 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT

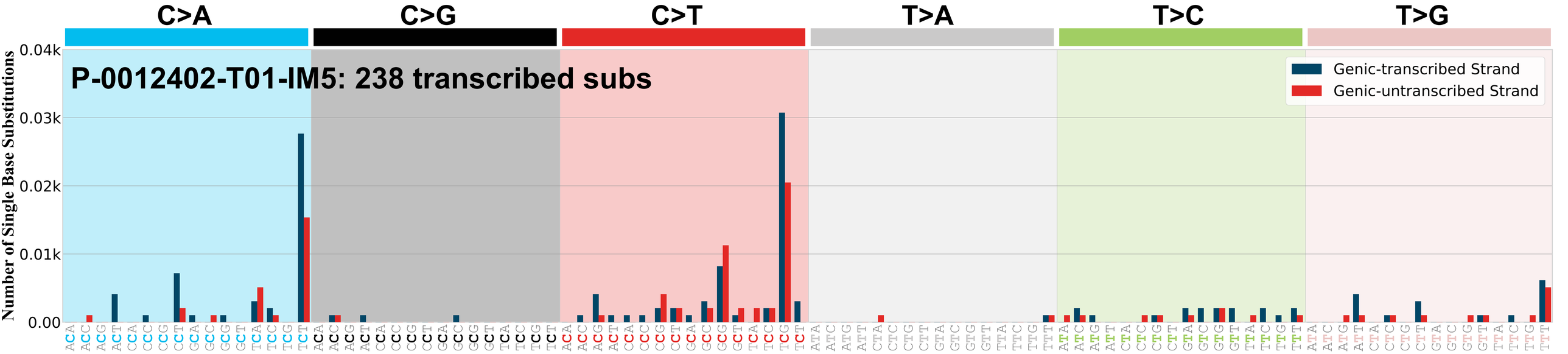

C>A
C>G
C>T
T>A
T>C
T>G
P-0011324-T01-IM5: 49 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

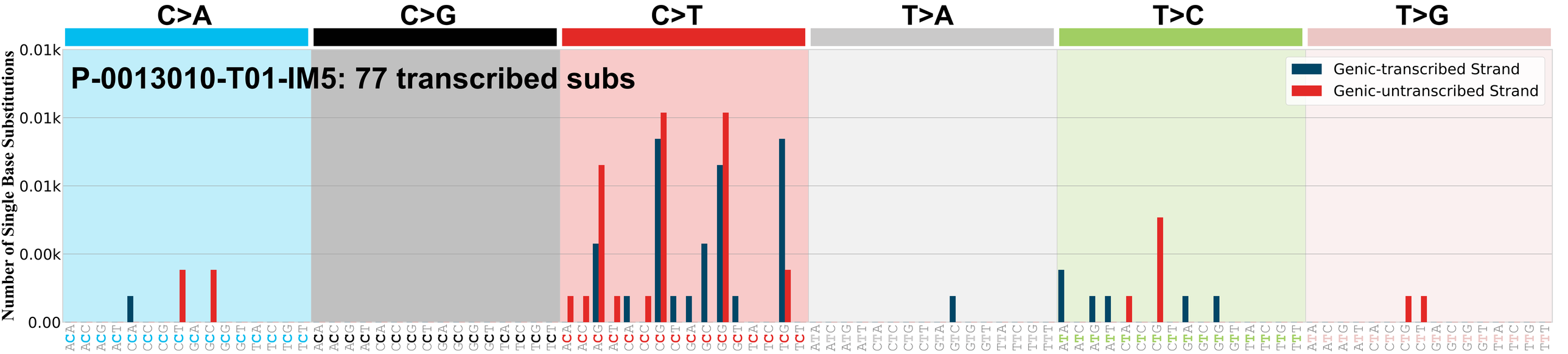

C>A
C>G
C>T
T>A
T>C
T>G
P-0011357-T01-IM5: 204 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.06k
0.04k
0.03k
0.01k
0.00

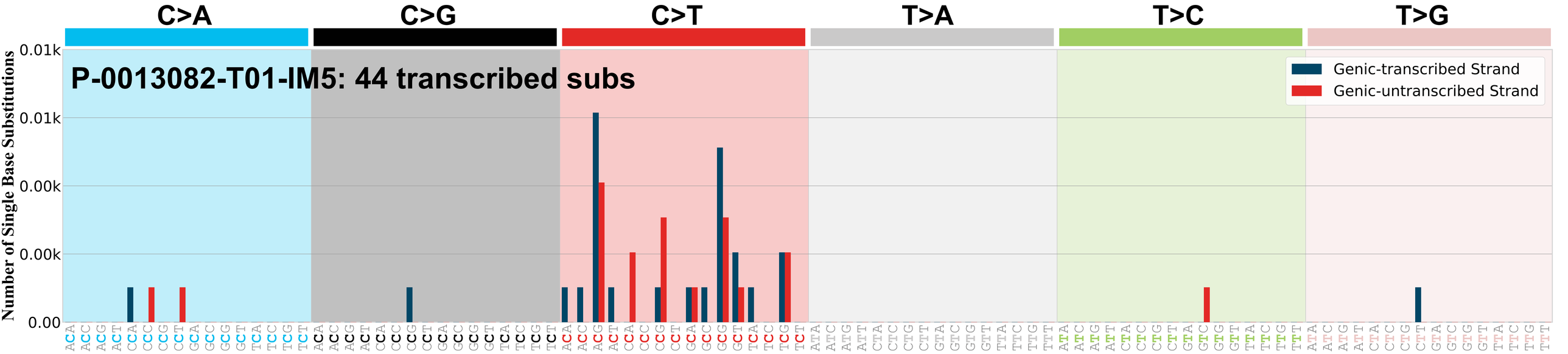

C>A
C>G
C>T
T>A
T>C
T>G
P-0012115-T01-IM5: 25 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

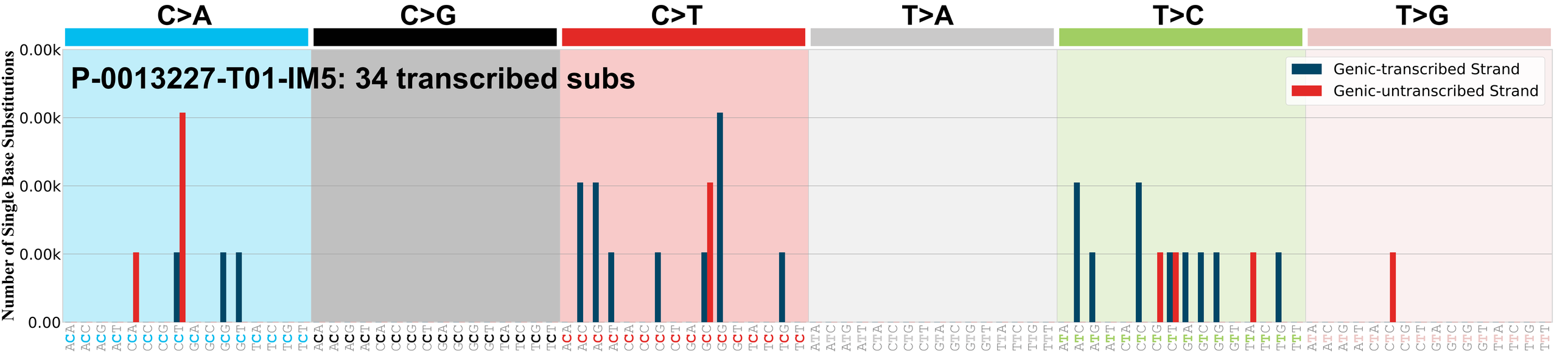

C>A
C>G
C>T
T>A
T>C
T>G
P-0012249-T01-IM5: 24 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

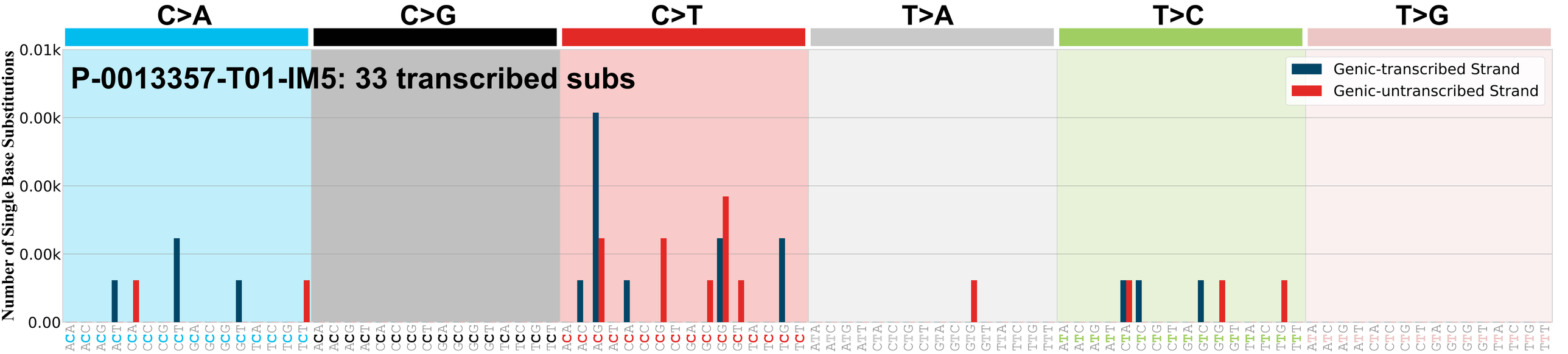

C>A
C>G
C>T
T>A
T>C
T>G
P-0012313-T01-IM5: 39 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

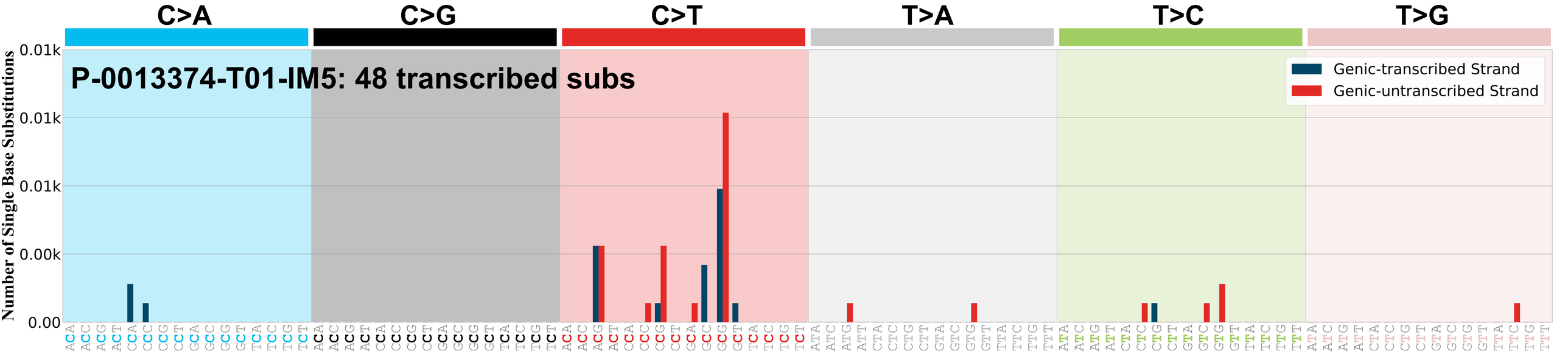

C>A
C>G
C>T
T>A
T>C
T>G
P-0012402-T01-IM5: 238 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.04k
0.03k
0.02k
0.01k
0.00

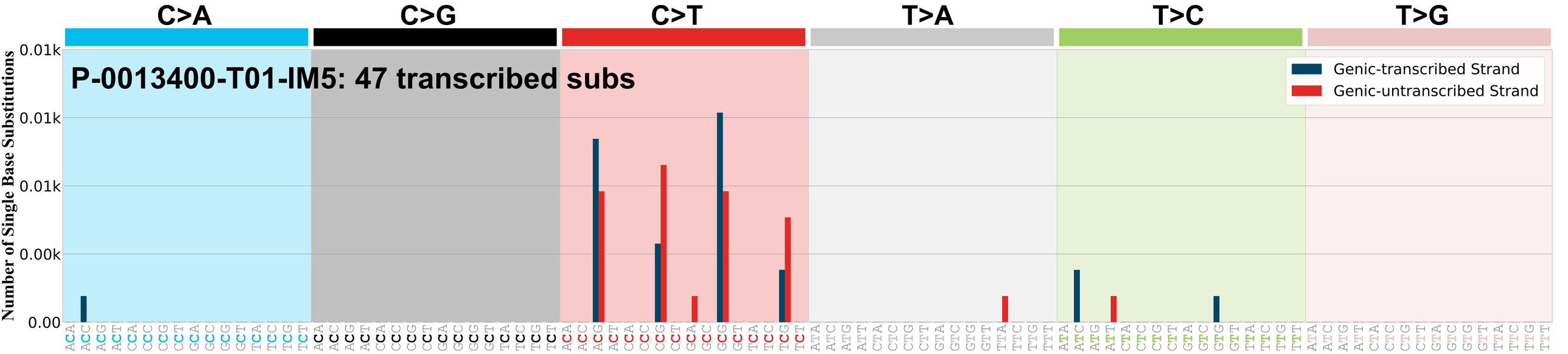

C>A
C>G
C>T
T>A
T>C
T>G
P-0013010-T01-IM5: 77 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

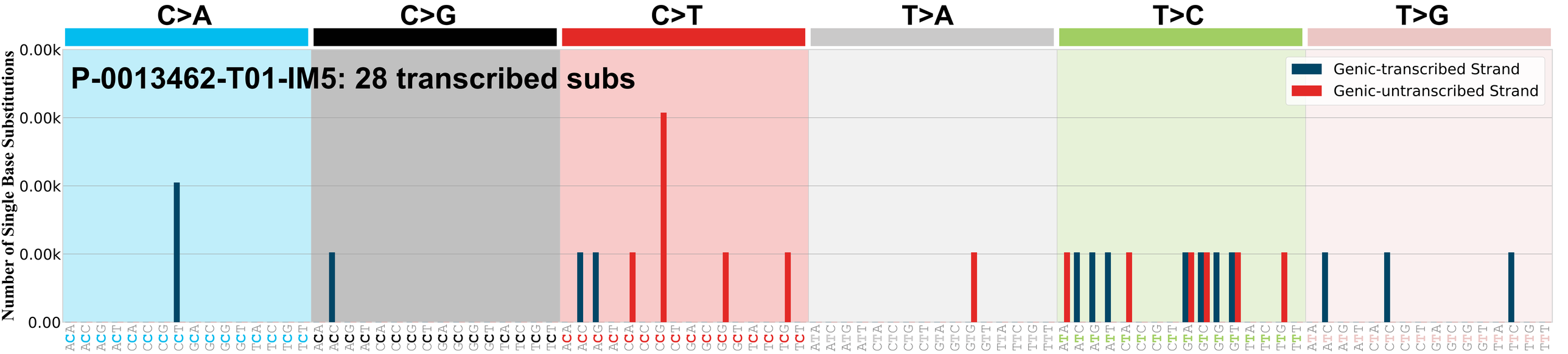

C>A
C>G
C>T
T>A
T>C
T>G
P-0013082-T01-IM5: 44 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

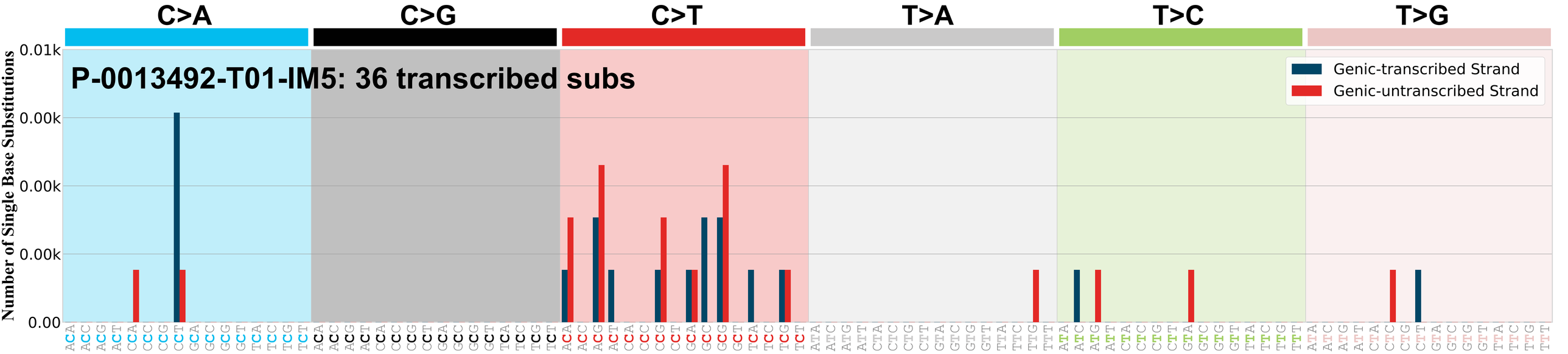

C>A
C>G
C>T
T>A
T>C
T>G
P-0013227-T01-IM5: 34 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

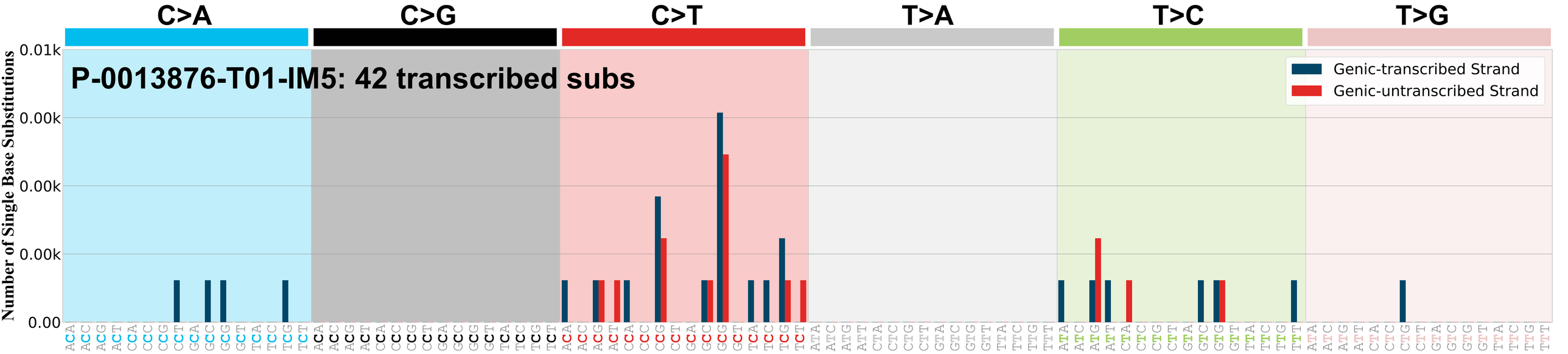

C>A
C>G
C>T
T>A
T>C
T>G
P-0013357-T01-IM5: 33 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

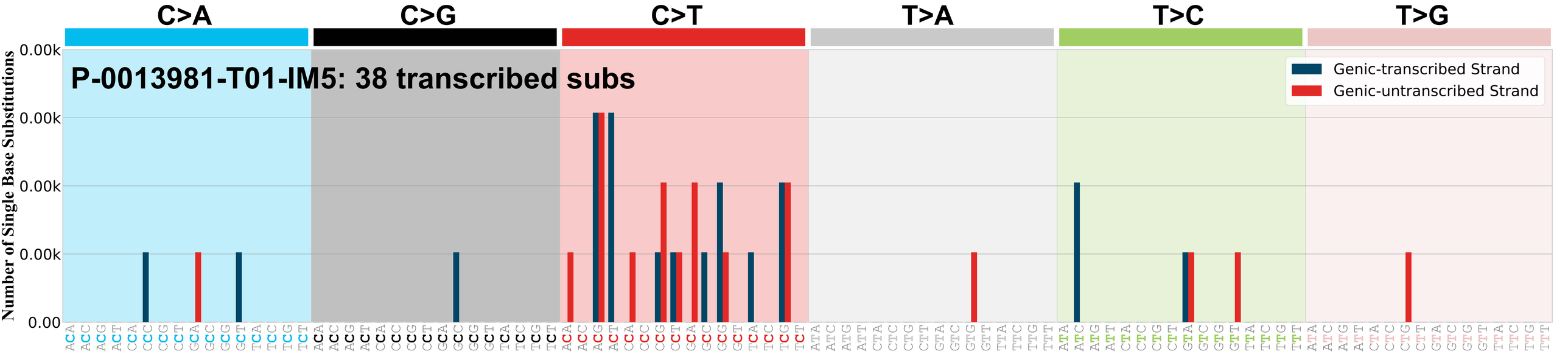

C>A
C>G
C>T
T>A
T>C
T>G
P-0013374-T01-IM5: 48 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

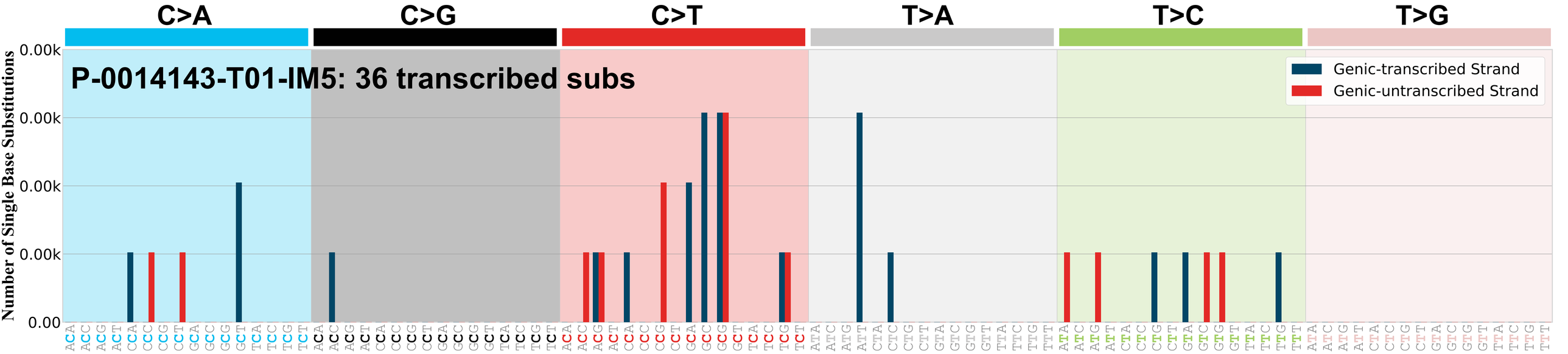

C>A
C>G
C>T
T>A
T>C
T>G
P-0013400-T01-IM5: 47 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

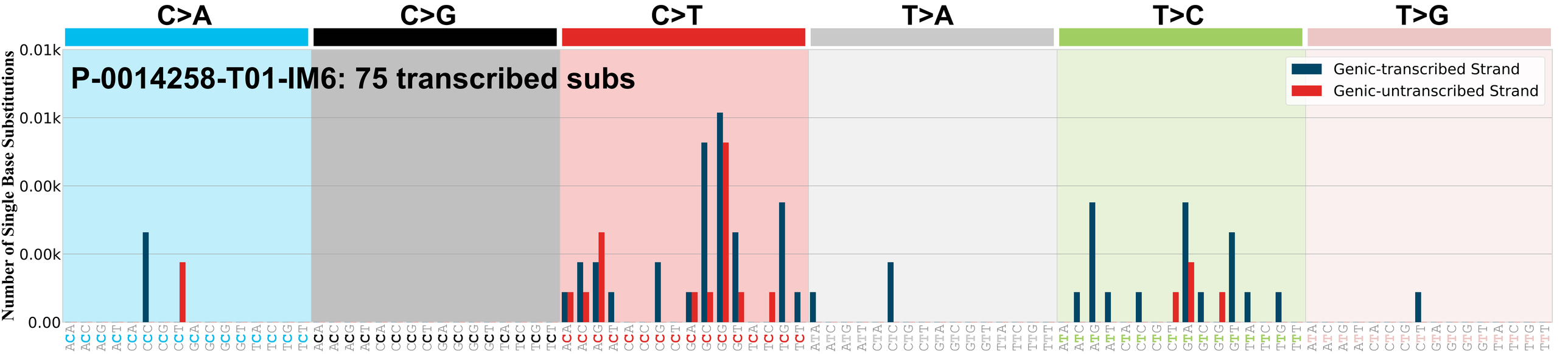

C>A
C>G
C>T
T>A
T>C
T>G
P-0013462-T01-IM5: 28 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

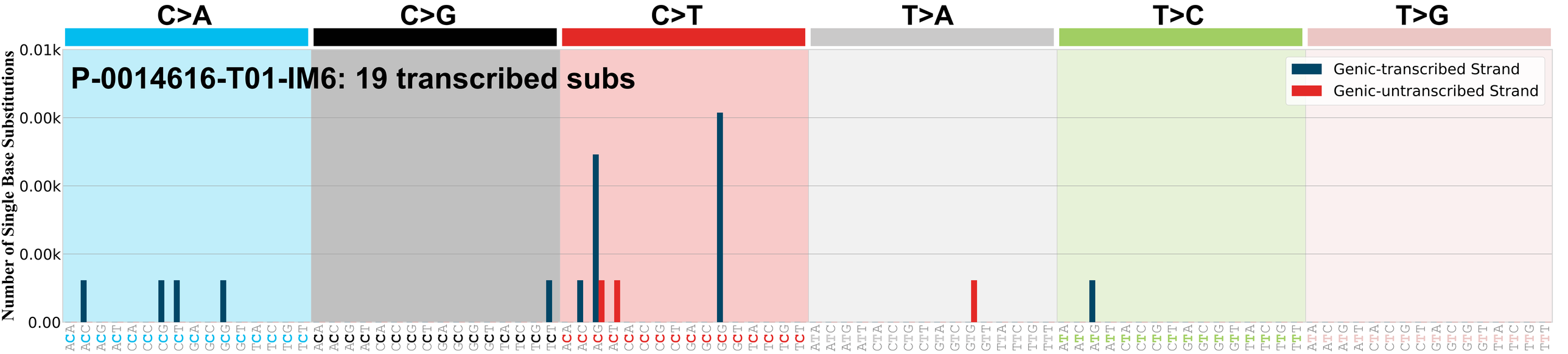

C>A
C>G
C>T
T>A
T>C
T>G
P-0013492-T01-IM5: 36 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

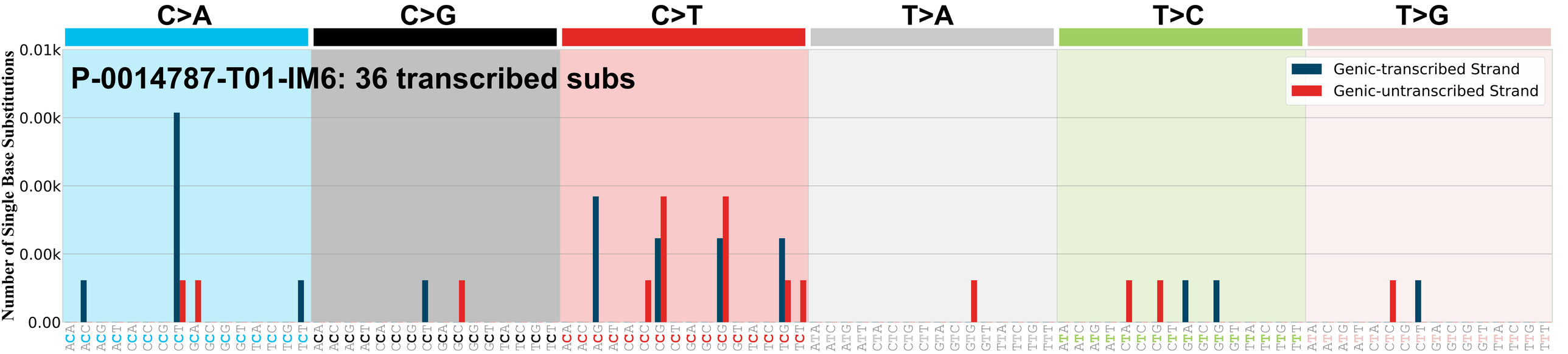

C>A
C>G
C>T
T>A
T>C
T>G
P-0013876-T01-IM5: 42 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

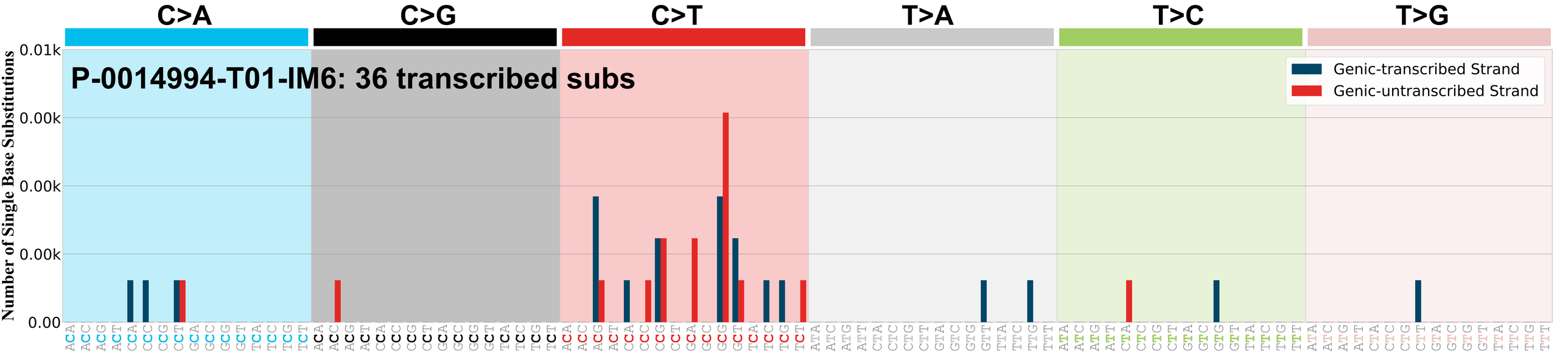

C>A
C>G
C>T
T>A
T>C
T>G
P-0013981-T01-IM5: 38 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

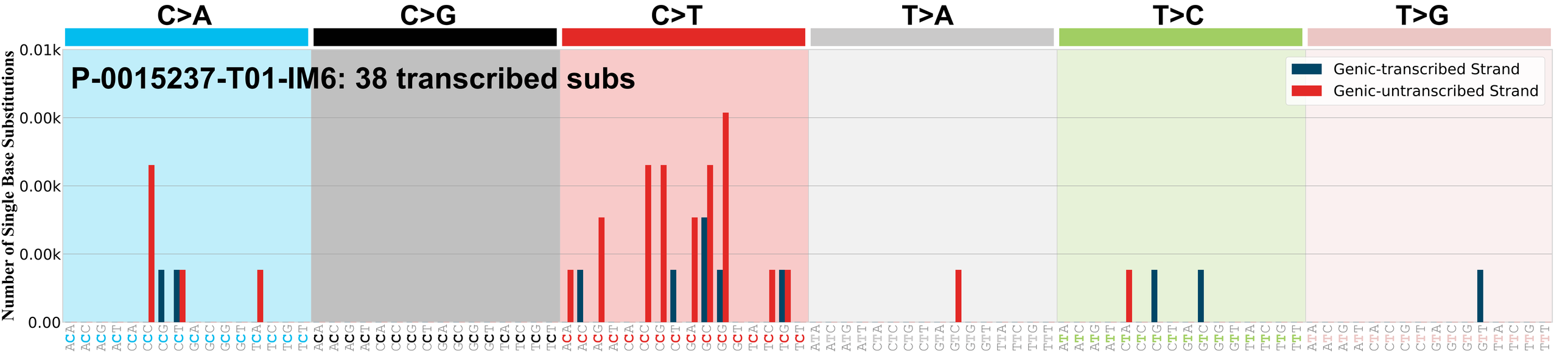

C>A
C>G
C>T
T>A
T>C
T>G
P-0014143-T01-IM5: 36 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

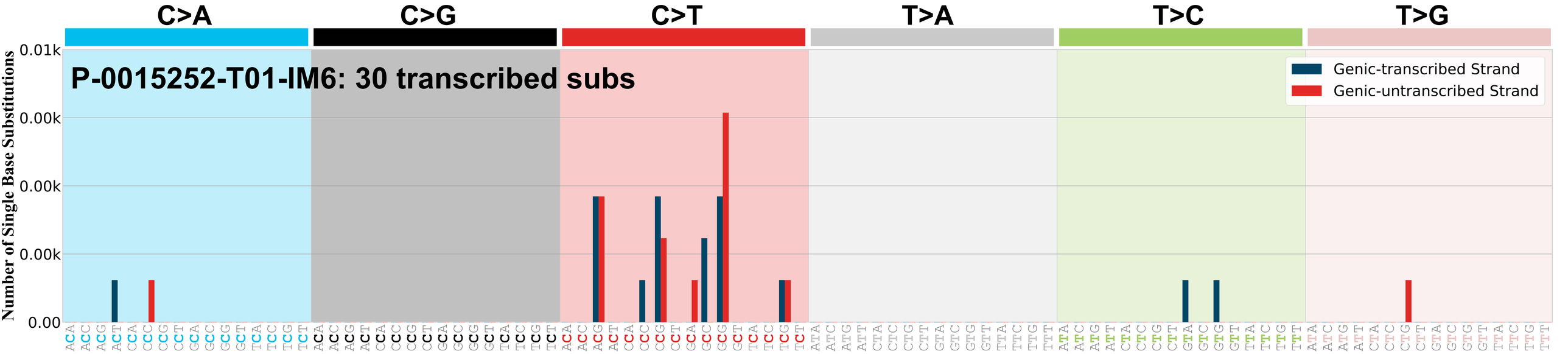

C>A
C>G
C>T
T>A
T>C
T>G
P-0014258-T01-IM6: 75 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

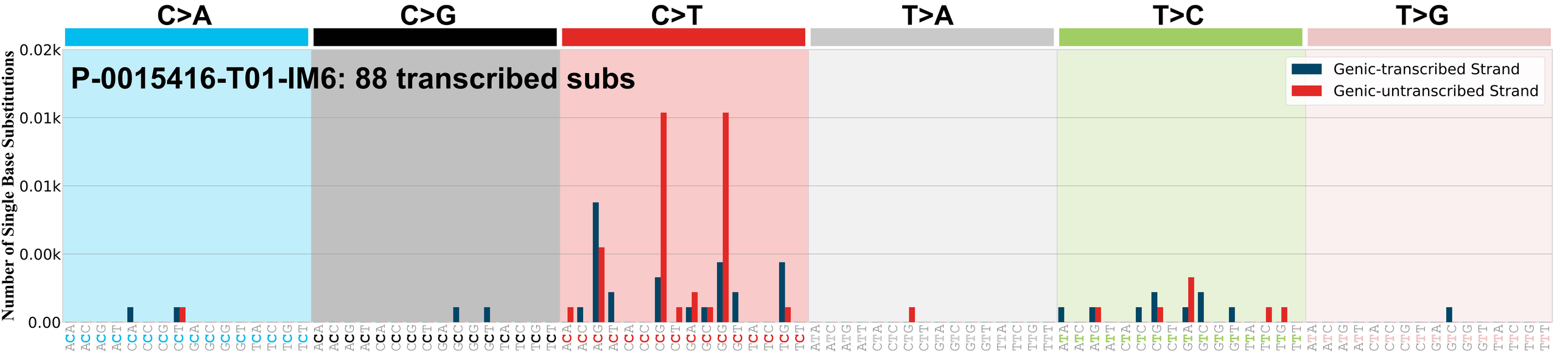

C>A
C>G
C>T
T>A
T>C
T>G
P-0014616-T01-IM6: 19 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

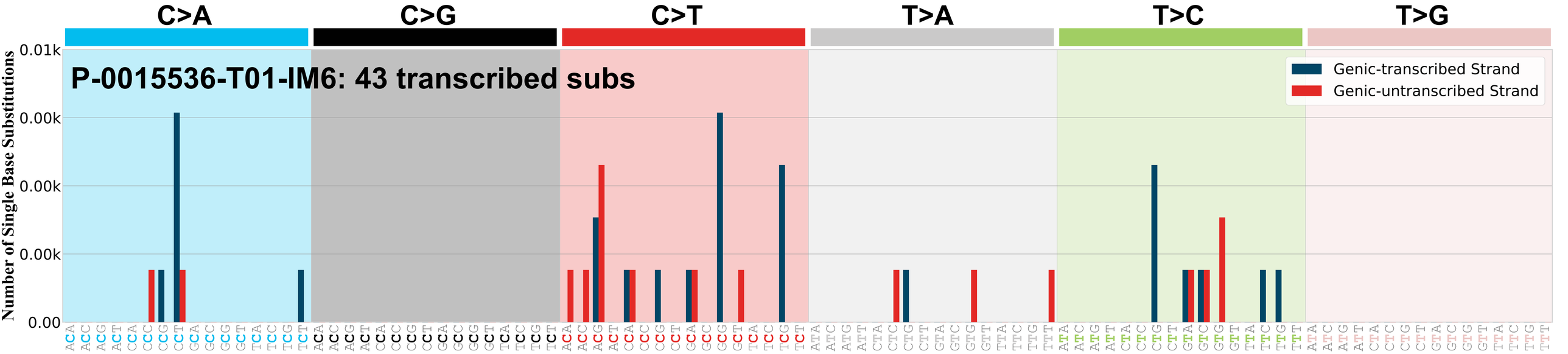

C>A
C>G
C>T
T>A
T>C
T>G
P-0014787-T01-IM6: 36 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

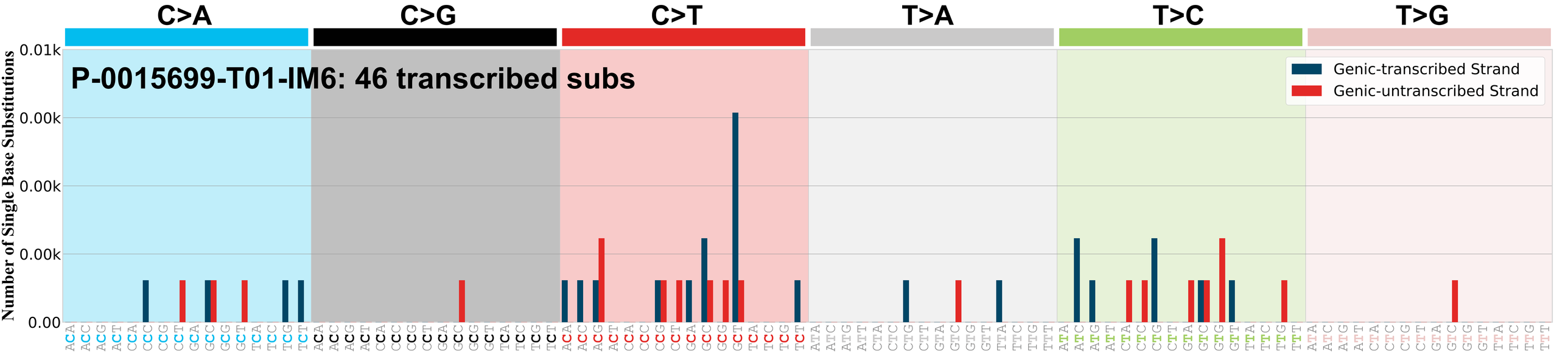

C>A
C>G
C>T
T>A
T>C
T>G
P-0014994-T01-IM6: 36 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

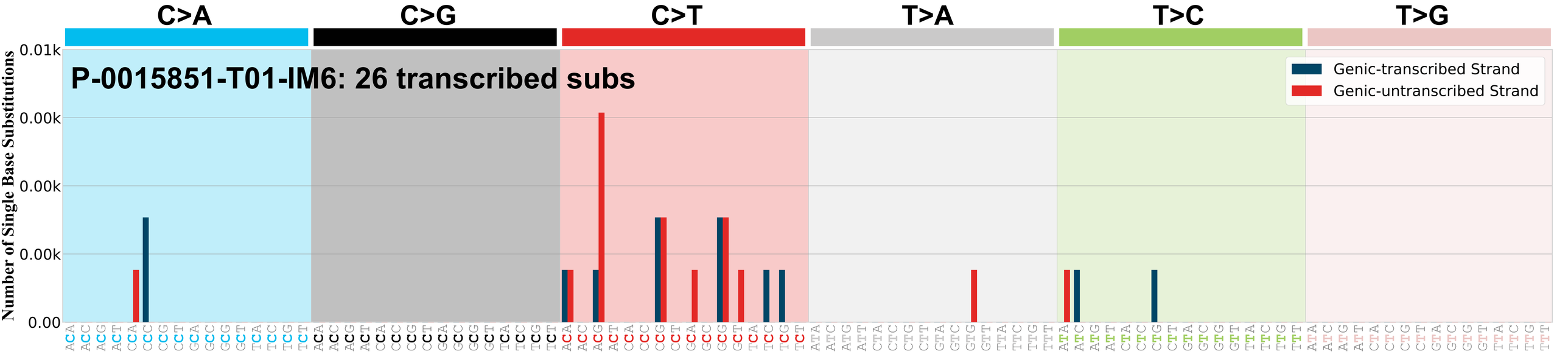

C>A
C>G
C>T
T>A
T>C
T>G
P-0015237-T01-IM6: 38 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

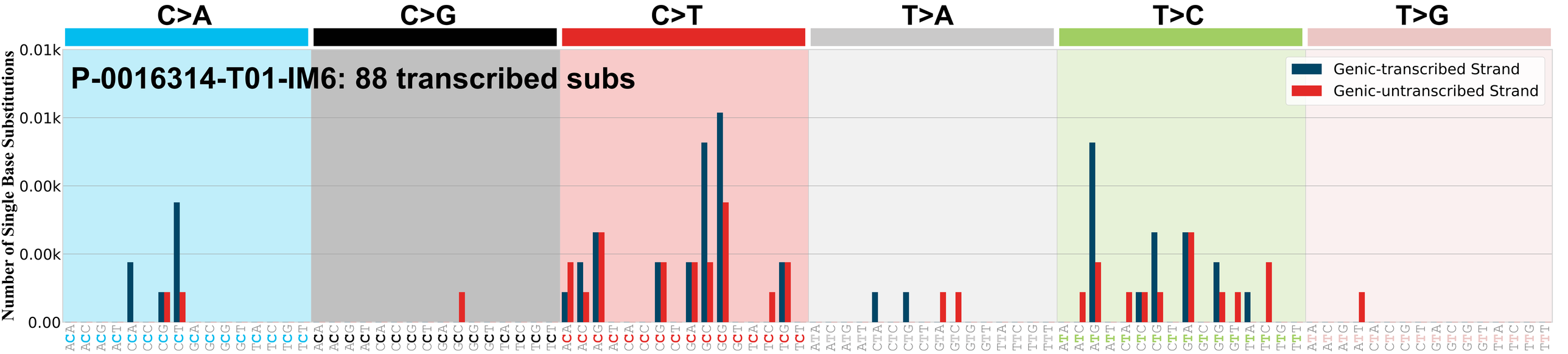

C>A
C>G
C>T
T>A
T>C
T>G
P-0015252-T01-IM6: 30 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

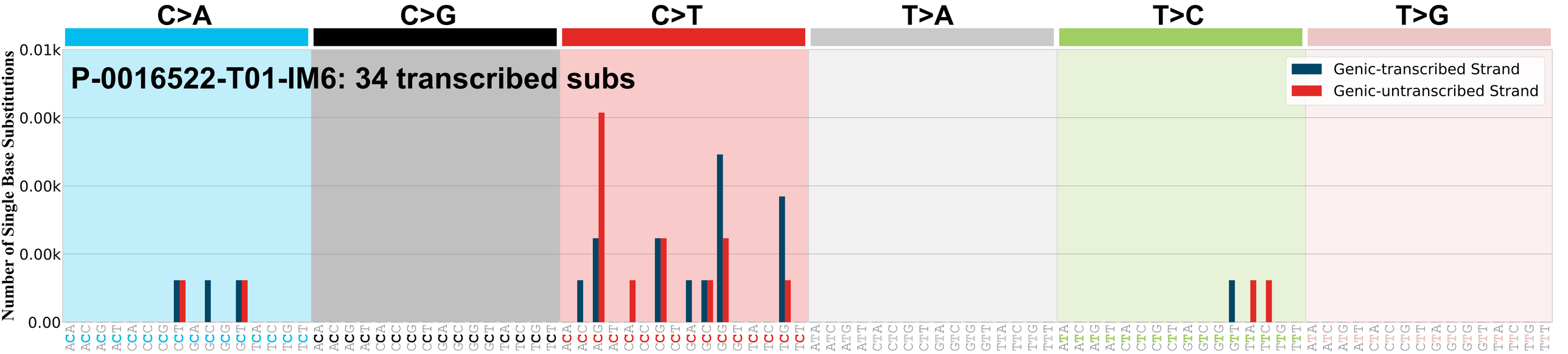

C>A
C>G
C>T
T>A
T>C
T>G
P-0015416-T01-IM6: 88 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00

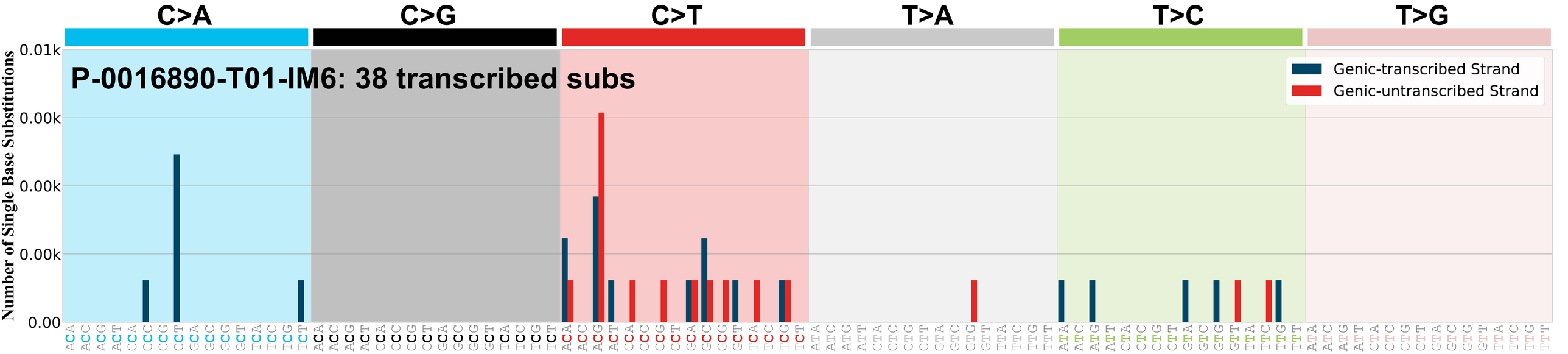

C>A
C>G
C>T
T>A
T>C
T>G
P-0015536-T01-IM6: 43 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

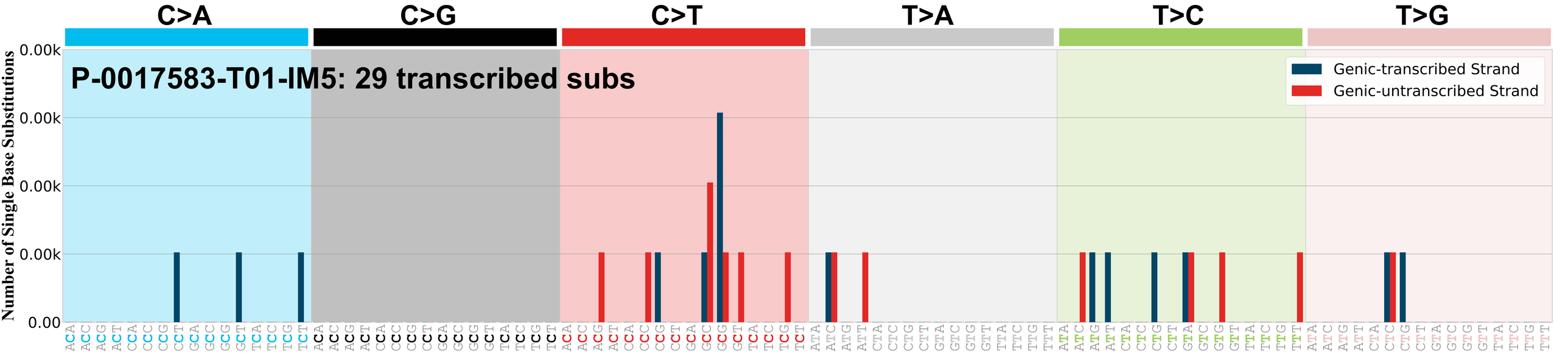

C>A
C>G
C>T
T>A
T>C
T>G
P-0015699-T01-IM6: 46 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

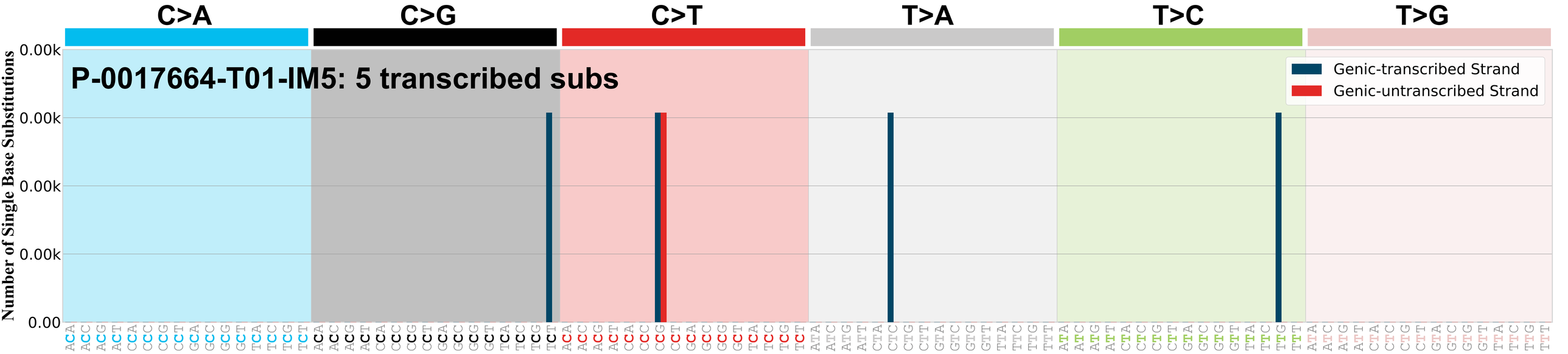

C>A
C>G
C>T
T>A
T>C
T>G
P-0015851-T01-IM6: 26 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

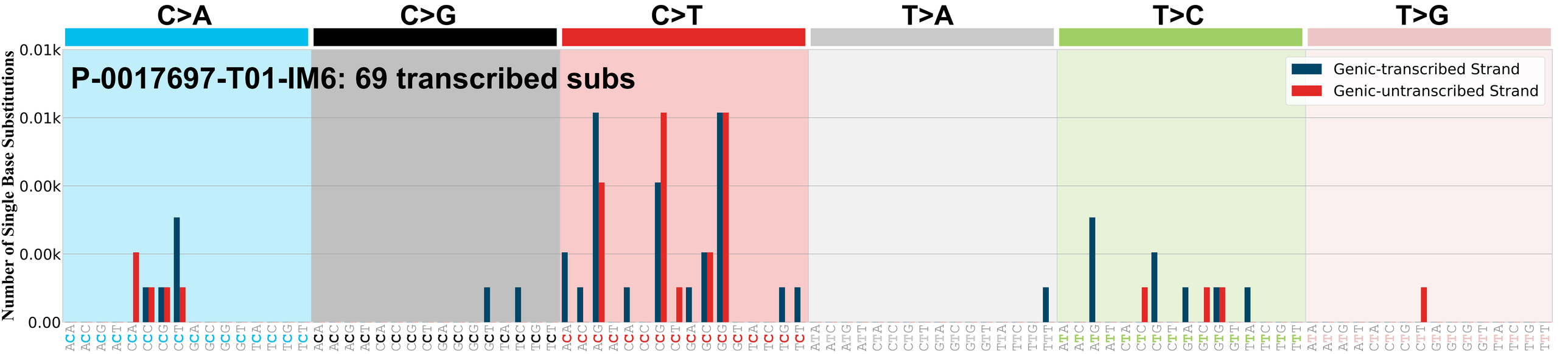

C>A
C>G
C>T
T>A
T>C
T>G
P-0016314-T01-IM6: 88 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

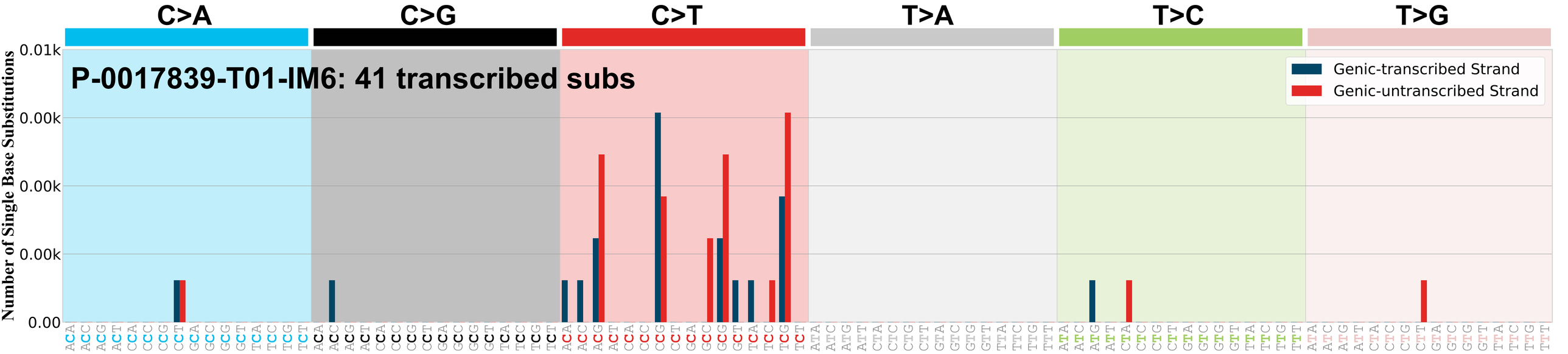

C>A
C>G
C>T
T>A
T>C
T>G
P-0016522-T01-IM6: 34 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

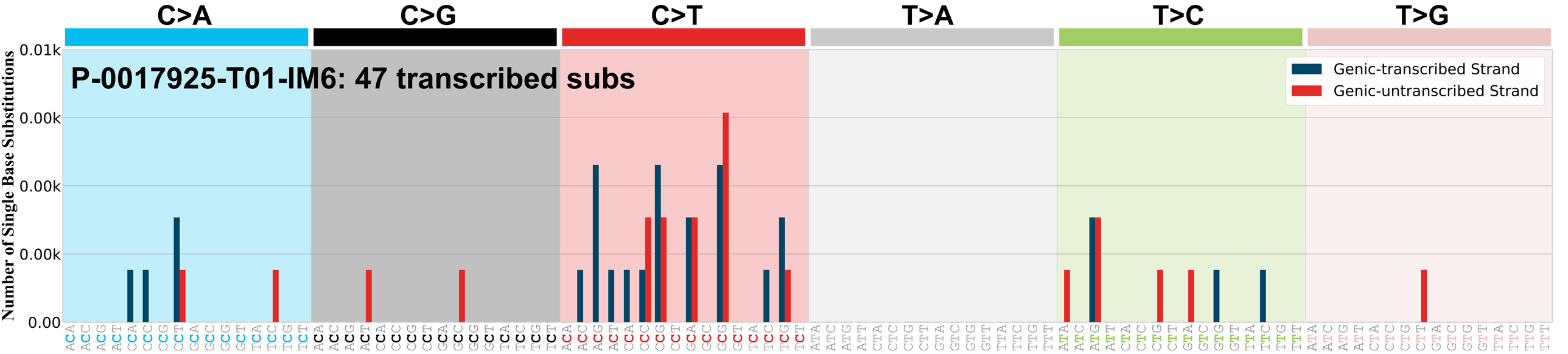

C>A
C>G
C>T
T>A
T>C
T>G
P-0016890-T01-IM6: 38 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

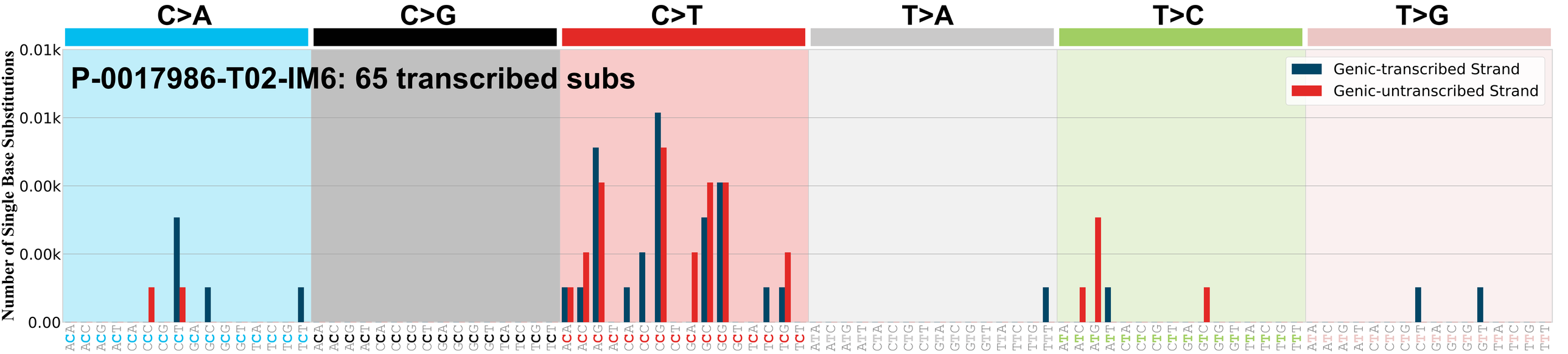

C>A
C>G
C>T
T>A
T>C
T>G
P-0017583-T01-IM5: 29 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

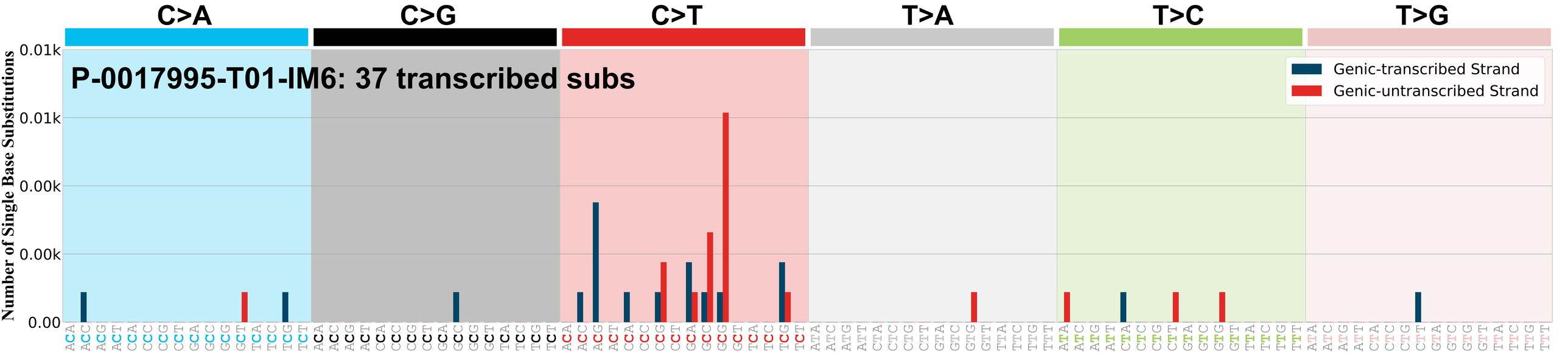

C>A
C>G
C>T
T>A
T>C
T>G
P-0017664-T01-IM5: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

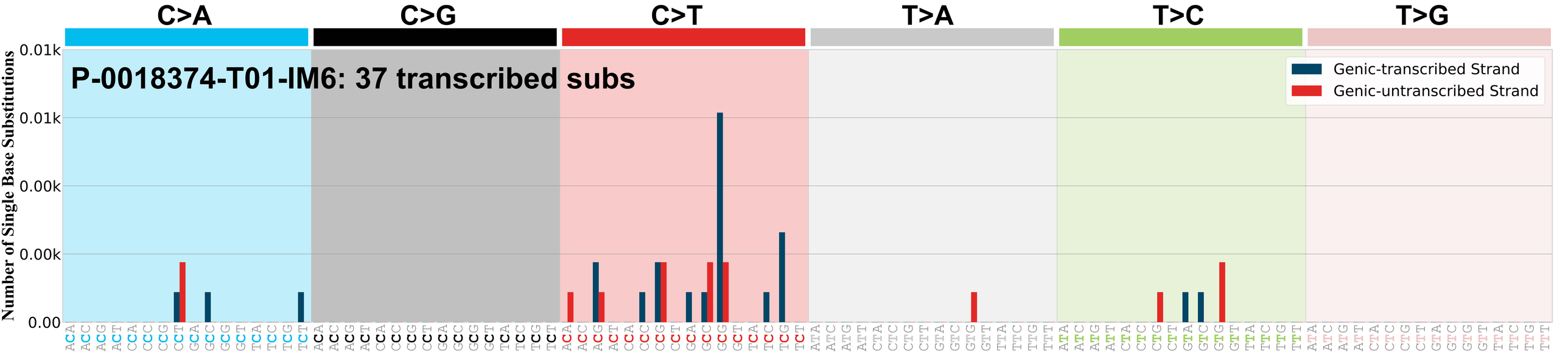

C>A
C>G
C>T
T>A
T>C
T>G
P-0017697-T01-IM6: 69 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

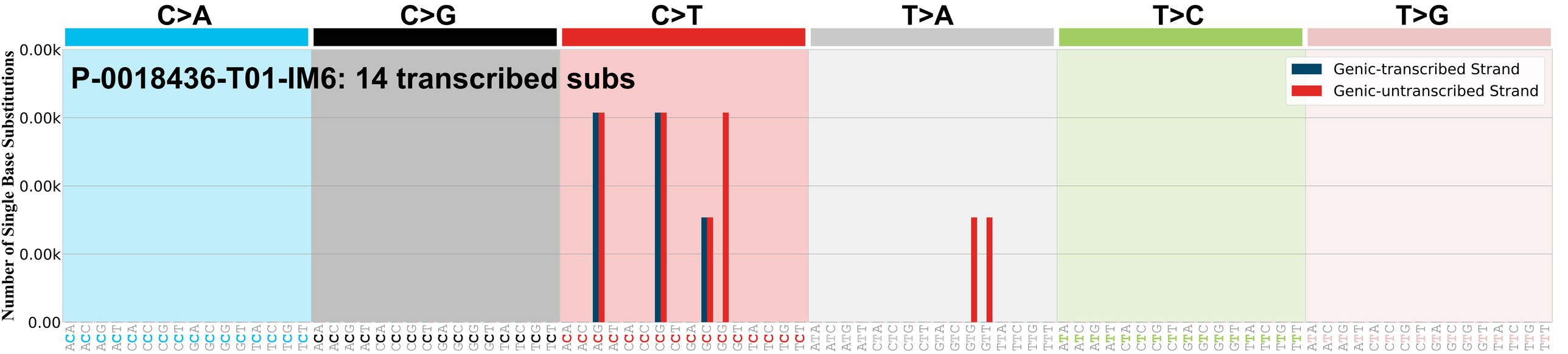

C>A
C>G
C>T
T>A
T>C
T>G
P-0017839-T01-IM6: 41 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

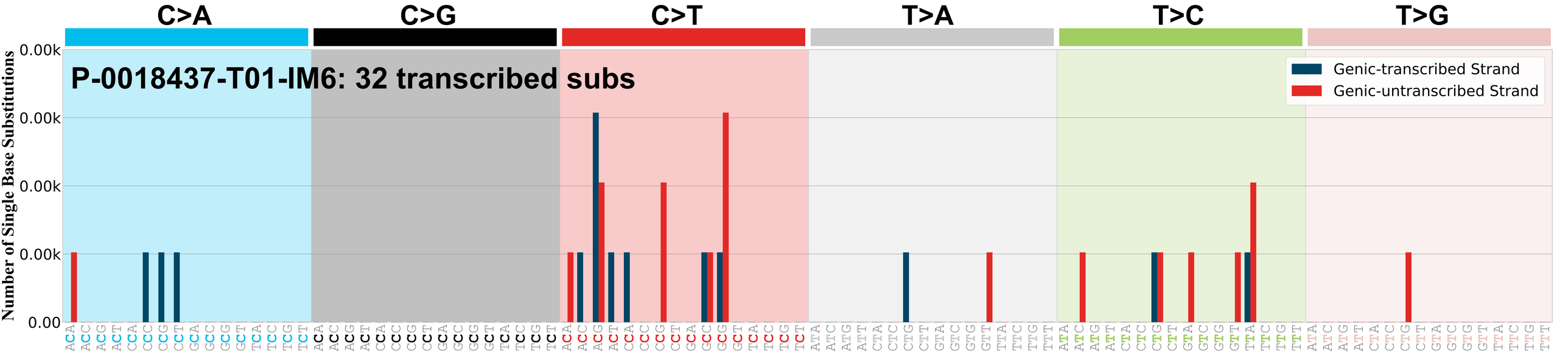

C>A
C>G
C>T
T>A
T>C
T>G
P-0017925-T01-IM6: 47 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

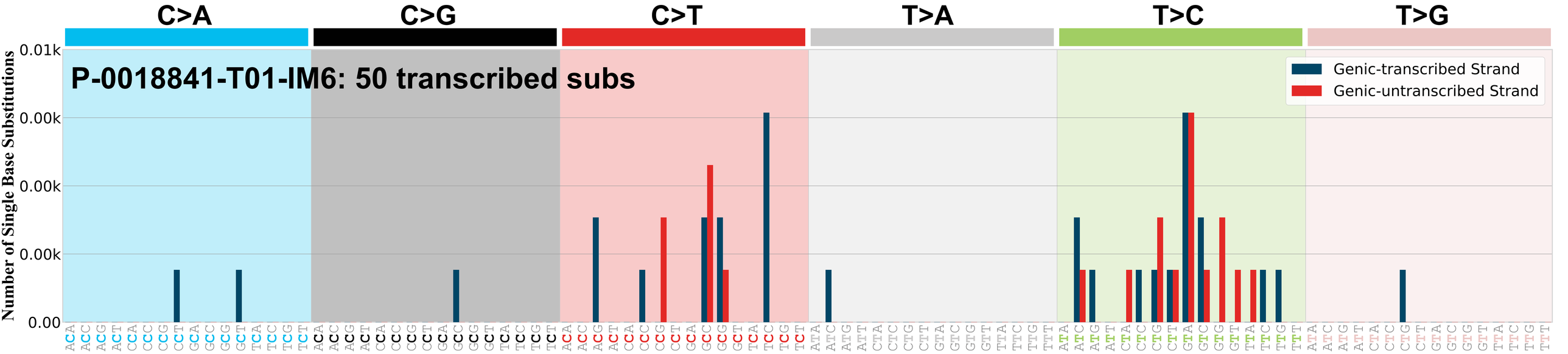

C>A
C>G
C>T
T>A
T>C
T>G
P-0017986-T02-IM6: 65 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

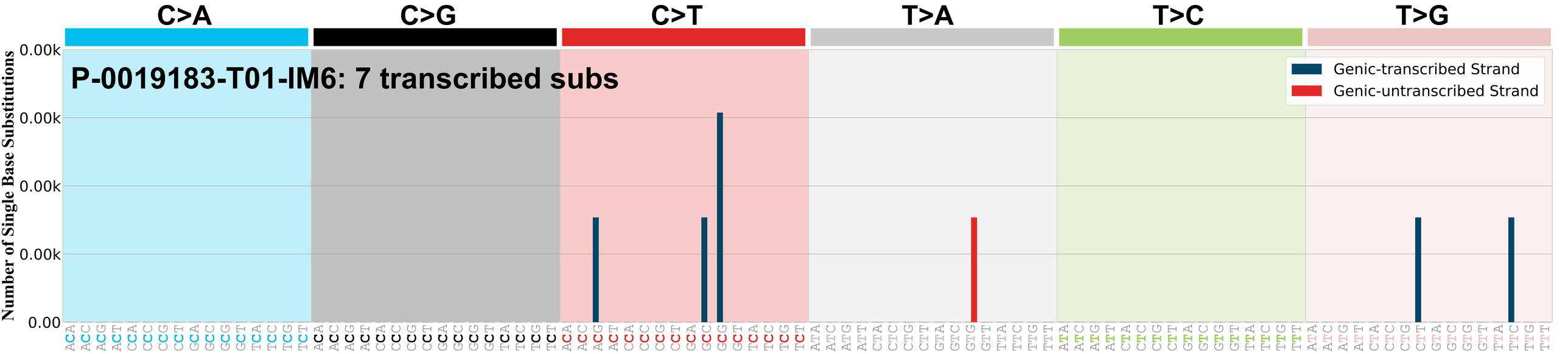

C>A
C>G
C>T
T>A
T>C
T>G
P-0017995-T01-IM6: 37 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

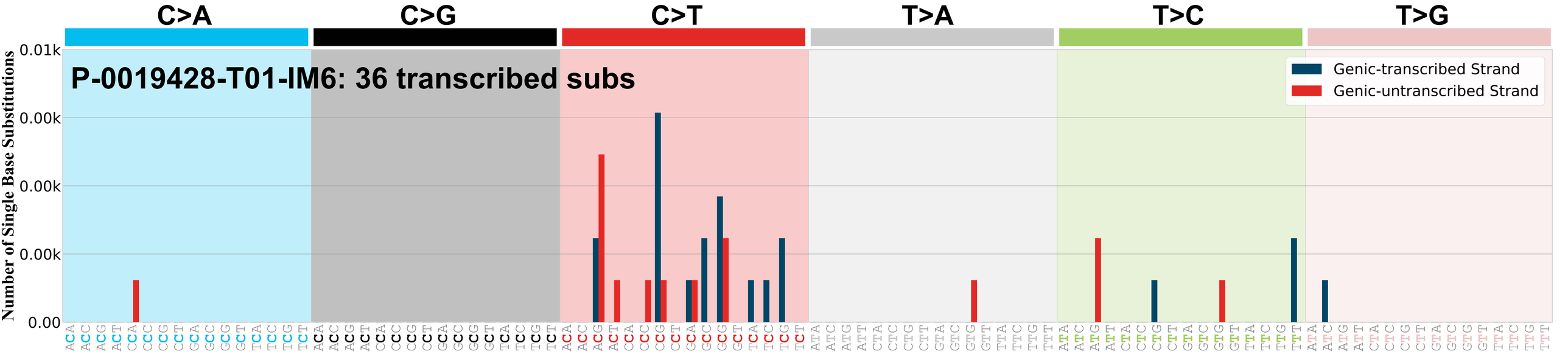

C>A
C>G
C>T
T>A
T>C
T>G
P-0018374-T01-IM6: 37 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

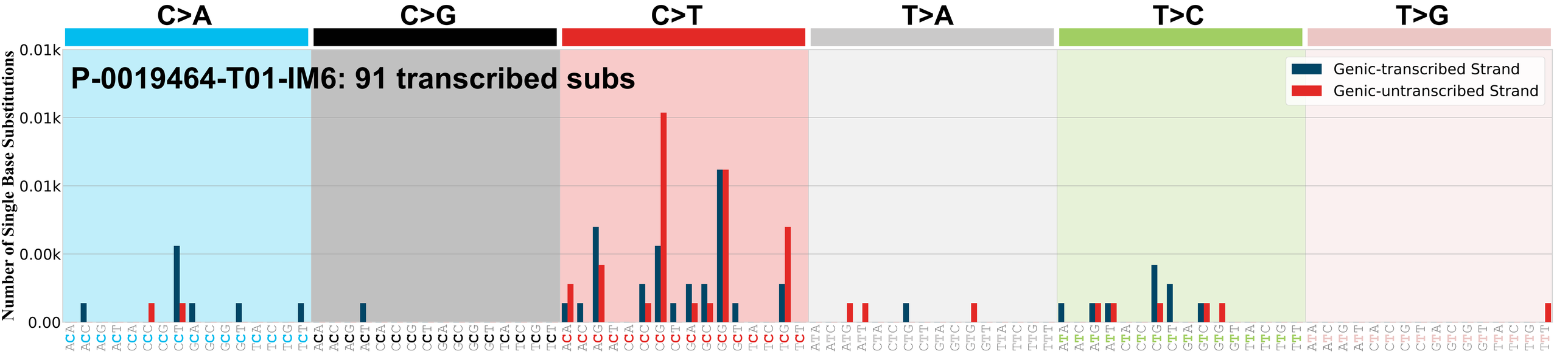

C>A
C>G
C>T
T>A
T>C
T>G
P-0018436-T01-IM6: 14 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

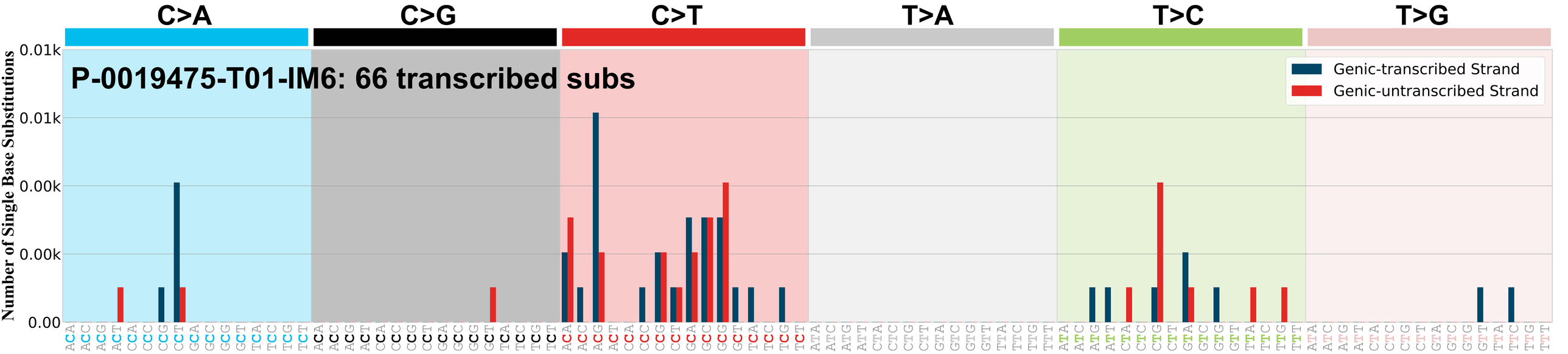

C>A
C>G
C>T
T>A
T>C
T>G
P-0018437-T01-IM6: 32 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

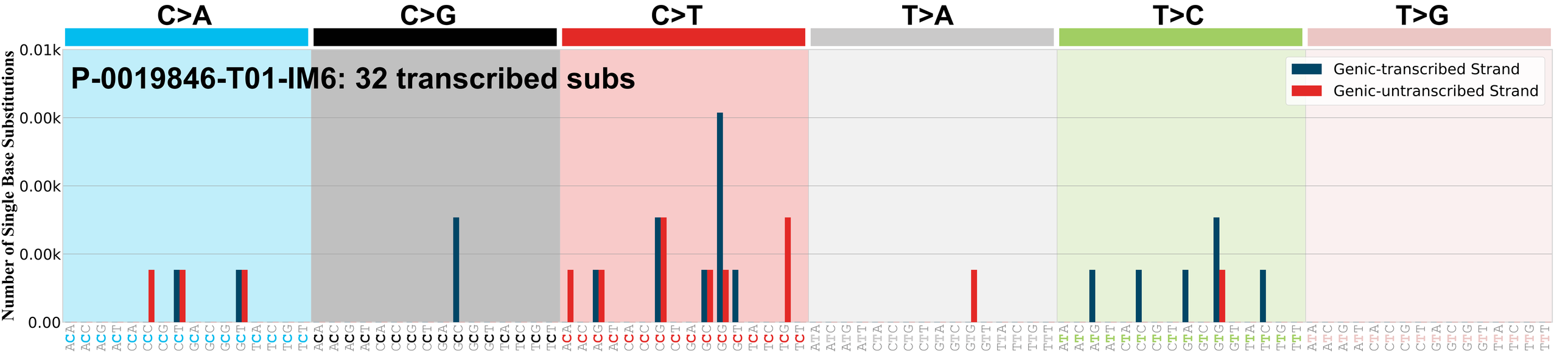

C>A
C>G
C>T
T>A
T>C
T>G
P-0018841-T01-IM6: 50 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

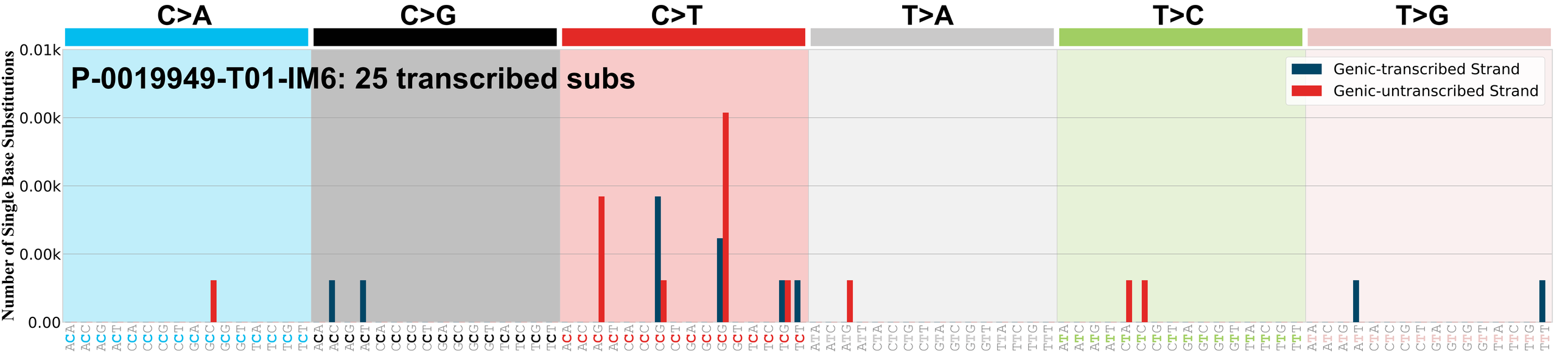

C>A
C>G
C>T
T>A
T>C
T>G
P-0019183-T01-IM6: 7 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

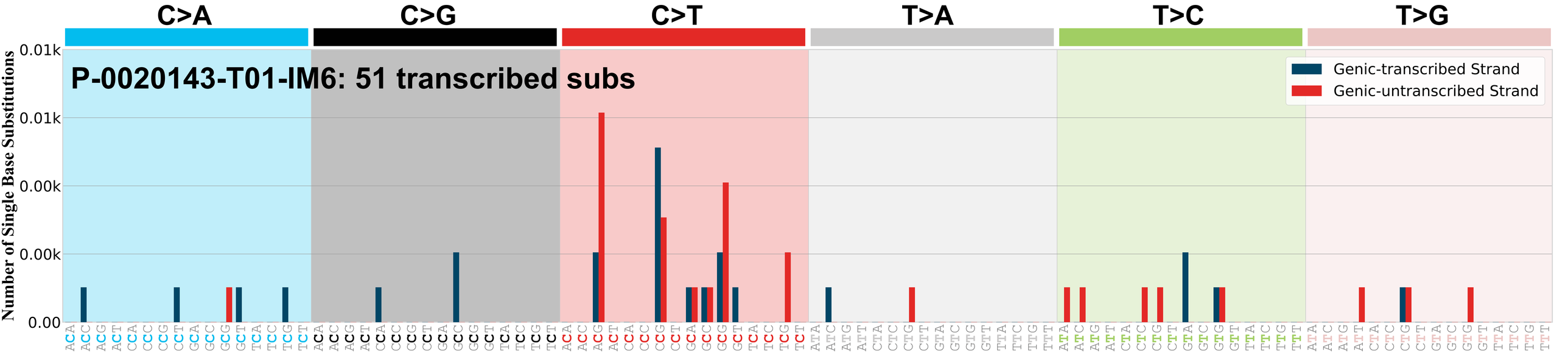

C>A
C>G
C>T
T>A
T>C
T>G
P-0019428-T01-IM6: 36 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

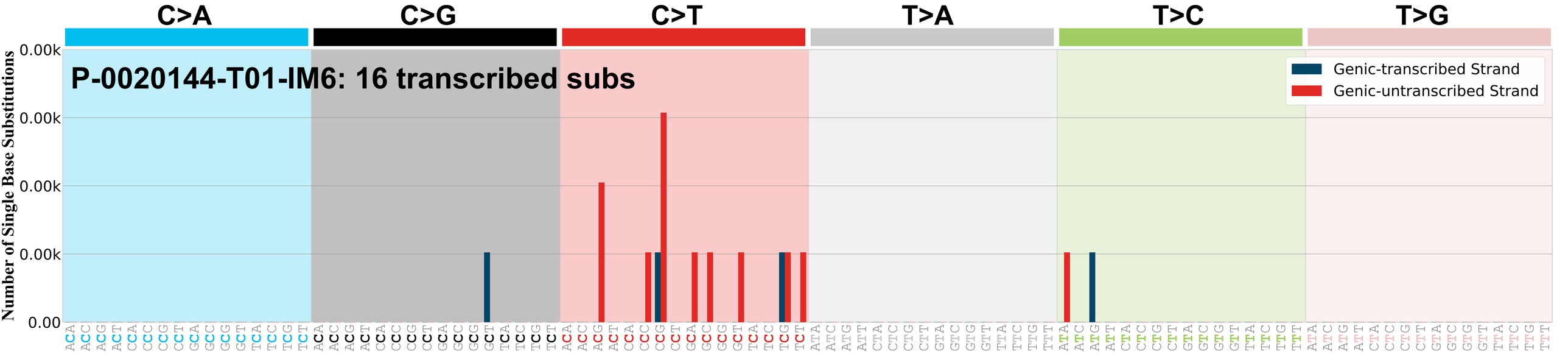

C>A
C>G
C>T
T>A
T>C
T>G
P-0019464-T01-IM6: 91 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

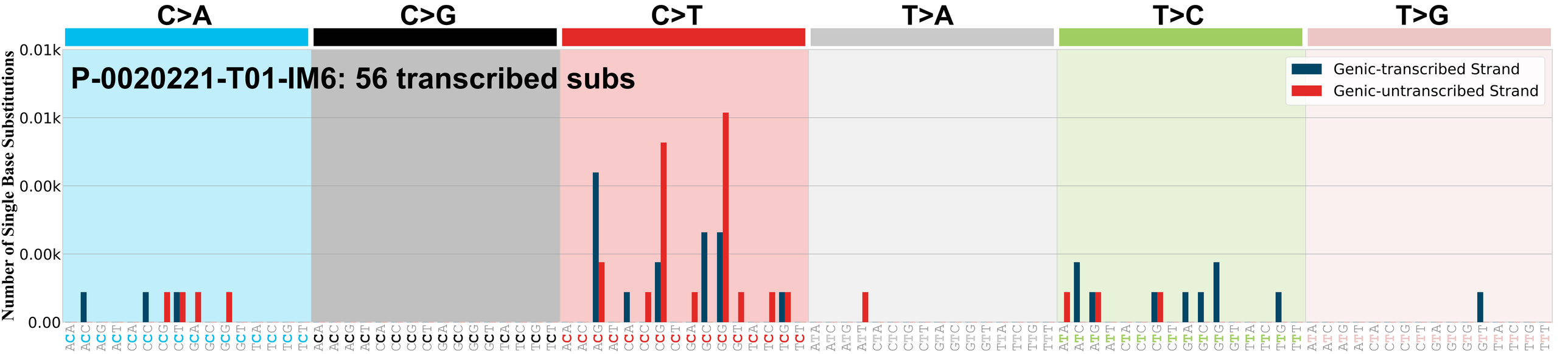

C>A
C>G
C>T
T>A
T>C
T>G
P-0019475-T01-IM6: 66 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

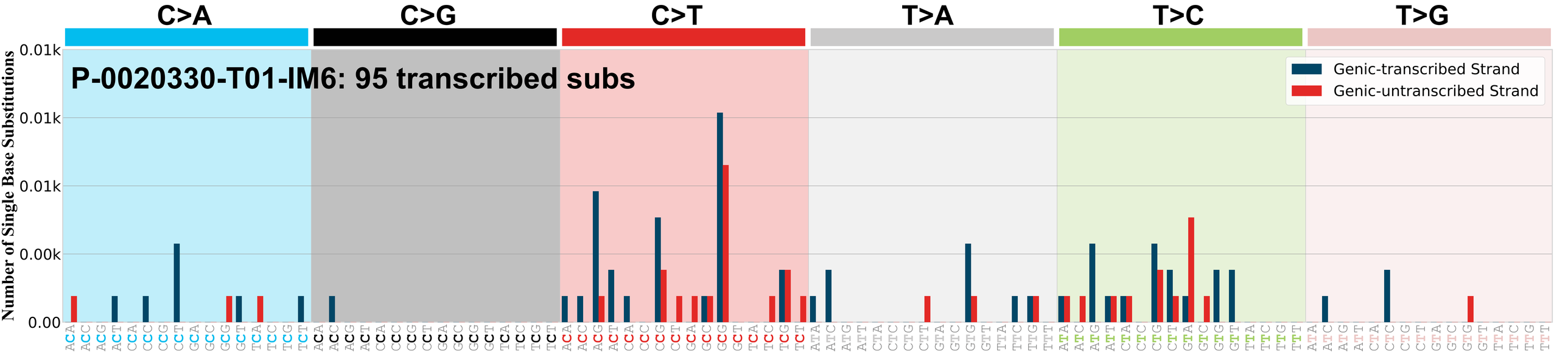

C>A
C>G
C>T
T>A
T>C
T>G
P-0019846-T01-IM6: 32 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

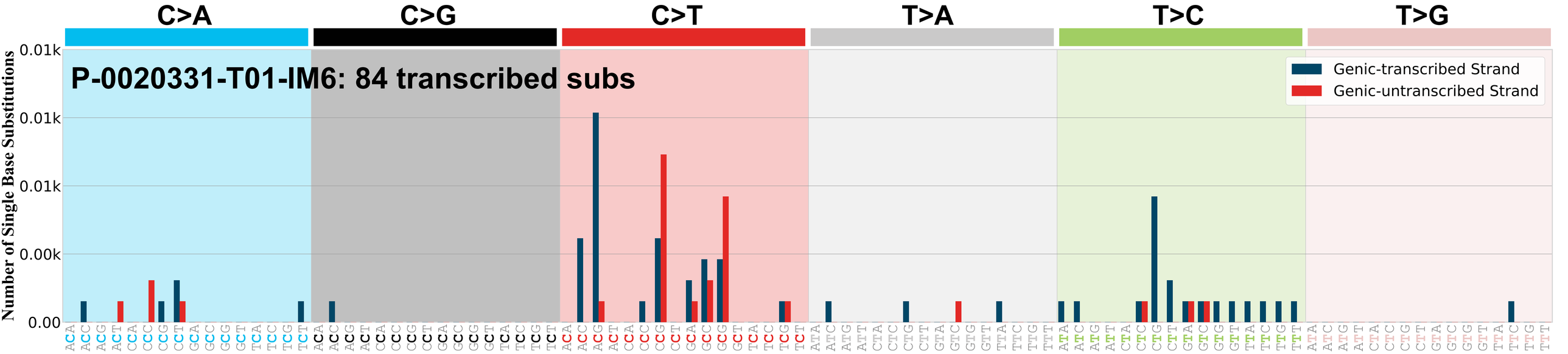

C>A
C>G
C>T
T>A
T>C
T>G
P-0019949-T01-IM6: 25 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

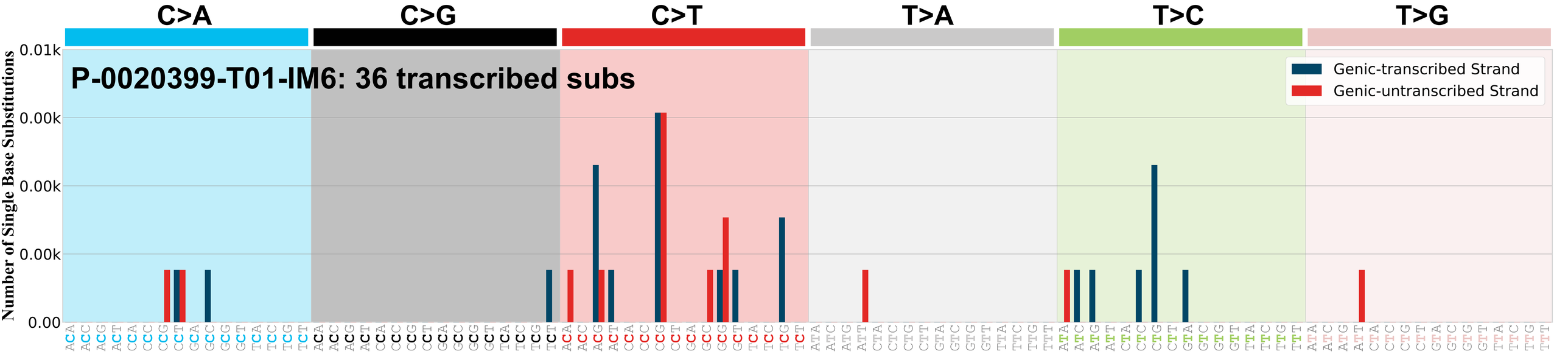

C>A
C>G
C>T
T>A
T>C
T>G
P-0020143-T01-IM6: 51 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

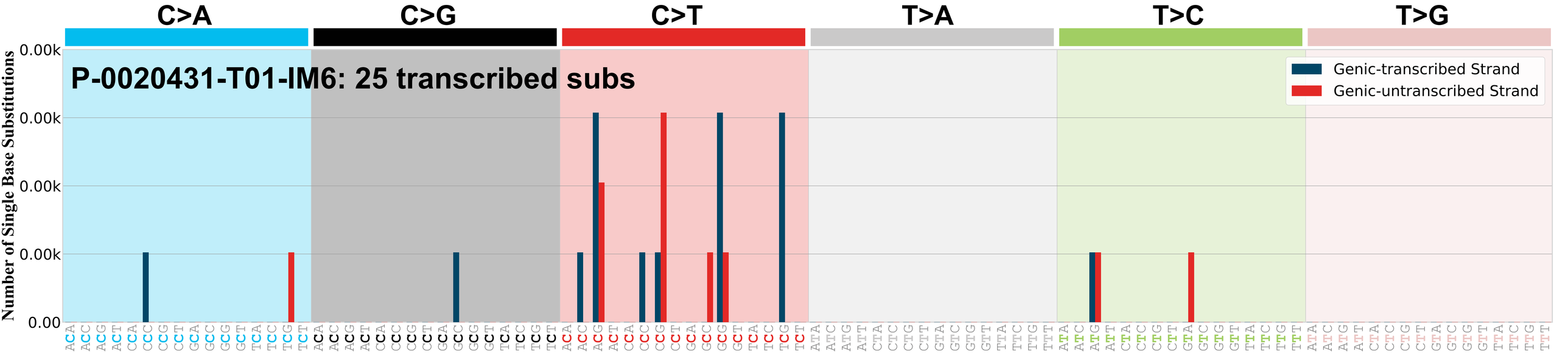

C>A
C>G
C>T
T>A
T>C
T>G
P-0020144-T01-IM6: 16 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

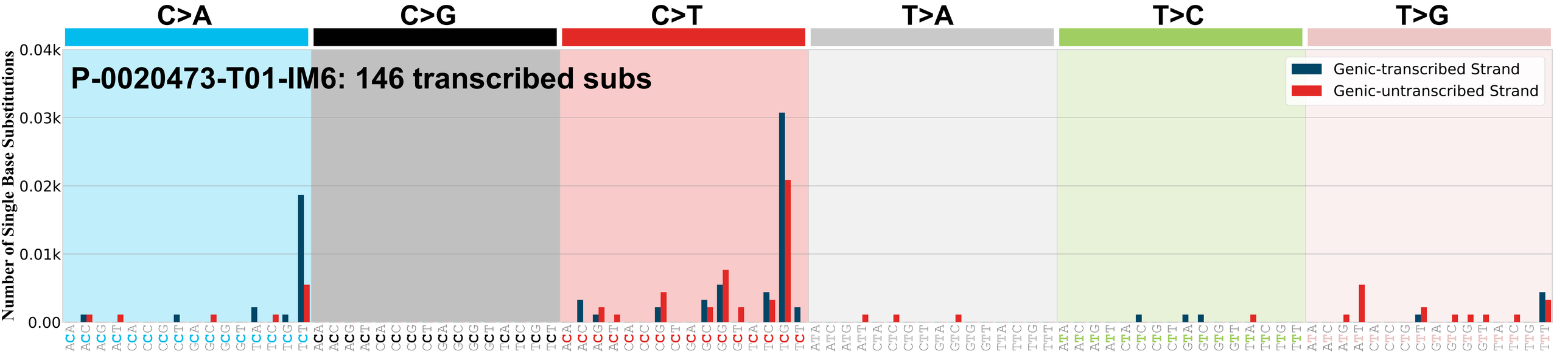

C>A
C>G
C>T
T>A
T>C
T>G
P-0020221-T01-IM6: 56 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

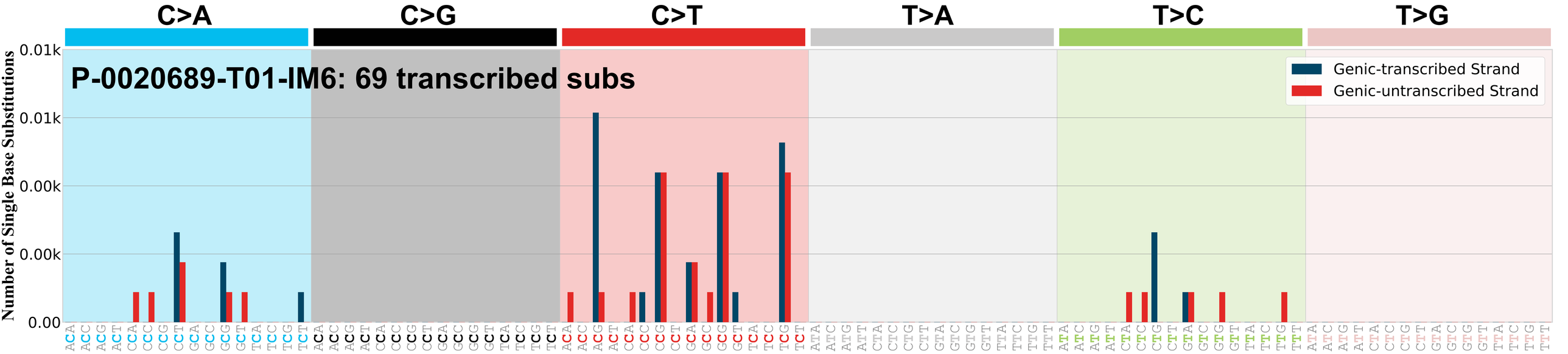

C>A
C>G
C>T
T>A
T>C
T>G
P-0020330-T01-IM6: 95 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

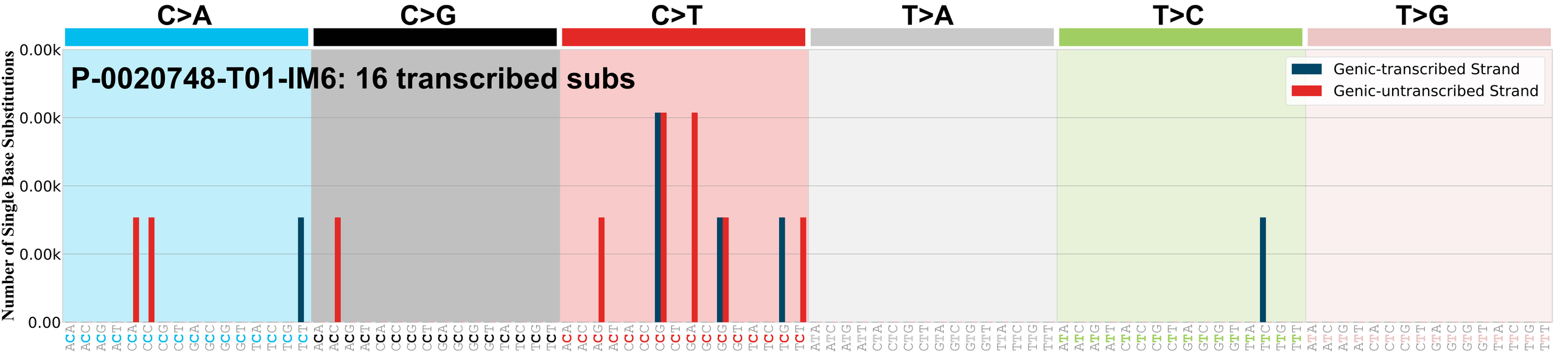

C>A
C>G
C>T
T>A
T>C
T>G
P-0020331-T01-IM6: 84 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

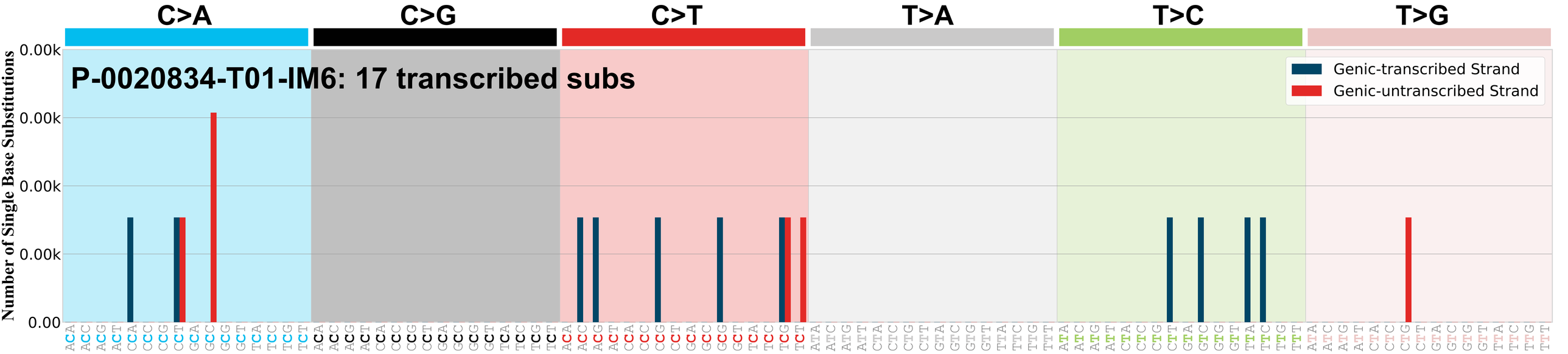

C>A
C>G
C>T
T>A
T>C
T>G
P-0020399-T01-IM6: 36 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

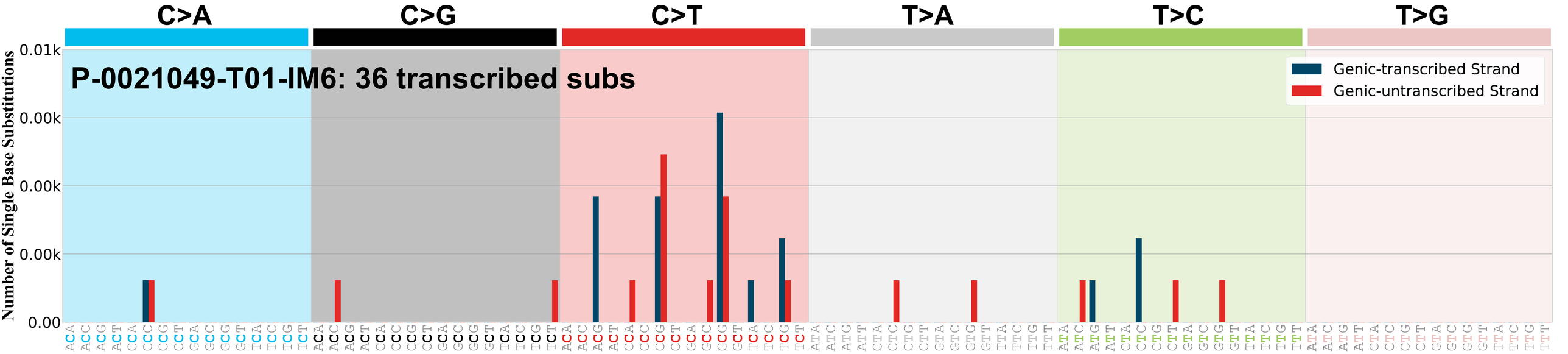

C>A
C>G
C>T
T>A
T>C
T>G
P-0020431-T01-IM6: 25 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

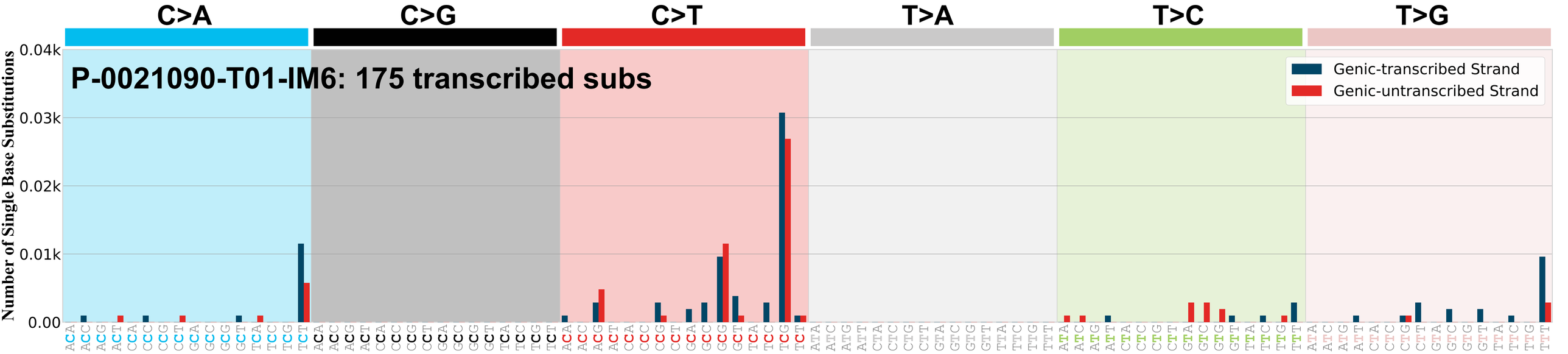

C>A
C>G
C>T
T>A
T>C
T>G
P-0020473-T01-IM6: 146 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.04k
0.03k
0.02k
0.01k
0.00

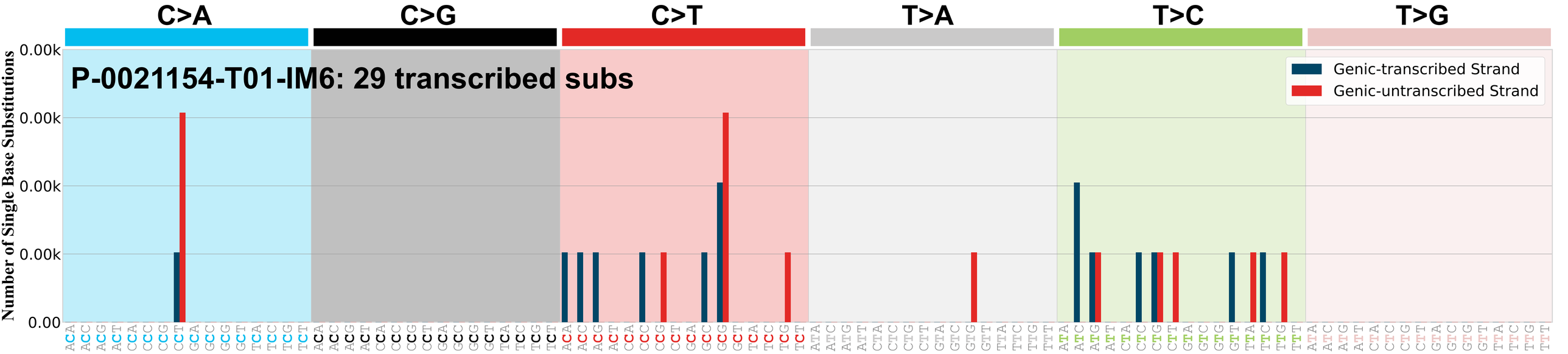

C>A
C>G
C>T
T>A
T>C
T>G
P-0020689-T01-IM6: 69 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

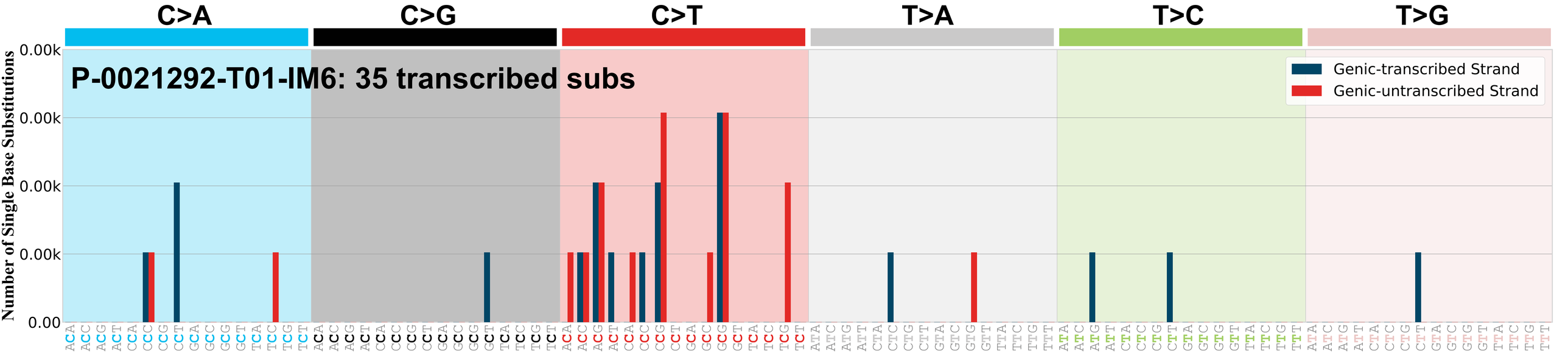

C>A
C>G
C>T
T>A
T>C
T>G
P-0020748-T01-IM6: 16 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

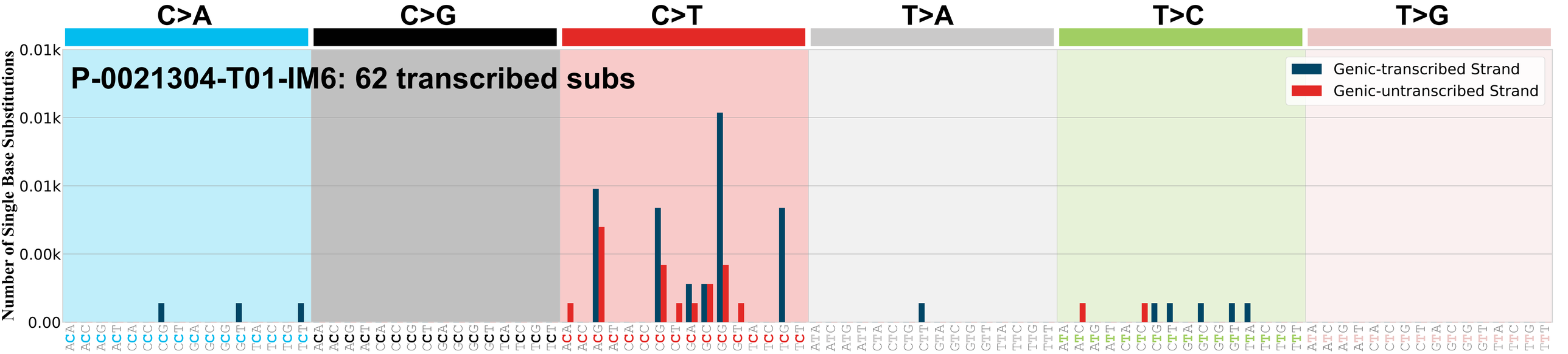

C>A
C>G
C>T
T>A
T>C
T>G
P-0020834-T01-IM6: 17 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

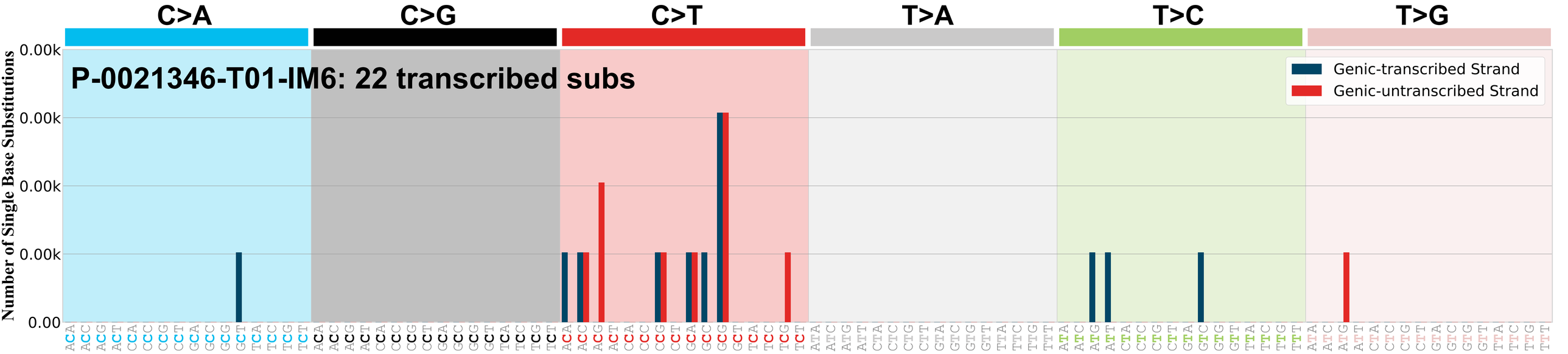

C>A
C>G
C>T
T>A
T>C
T>G
P-0021049-T01-IM6: 36 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

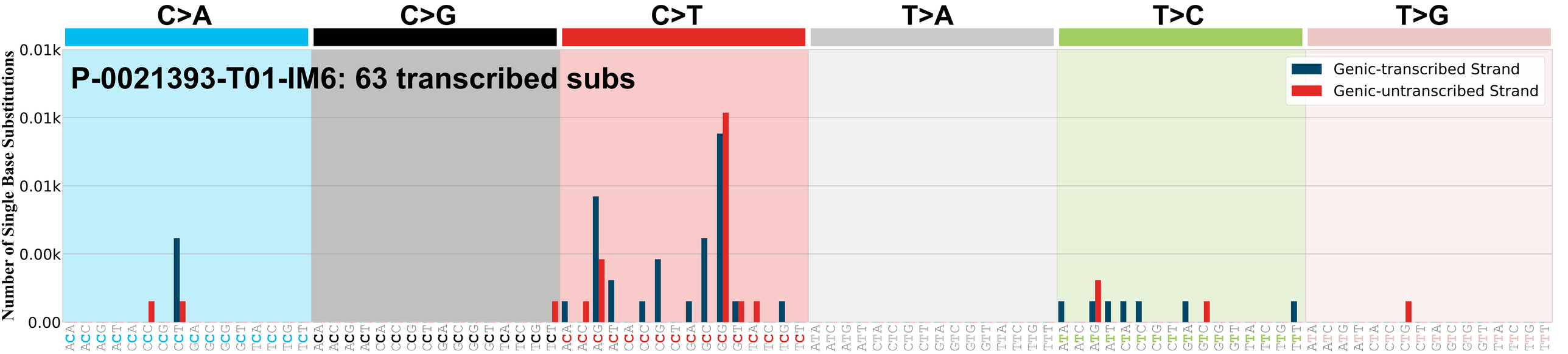

C>A
C>G
C>T
T>A
T>C
T>G
P-0021090-T01-IM6: 175 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.04k
0.03k
0.02k
0.01k
0.00

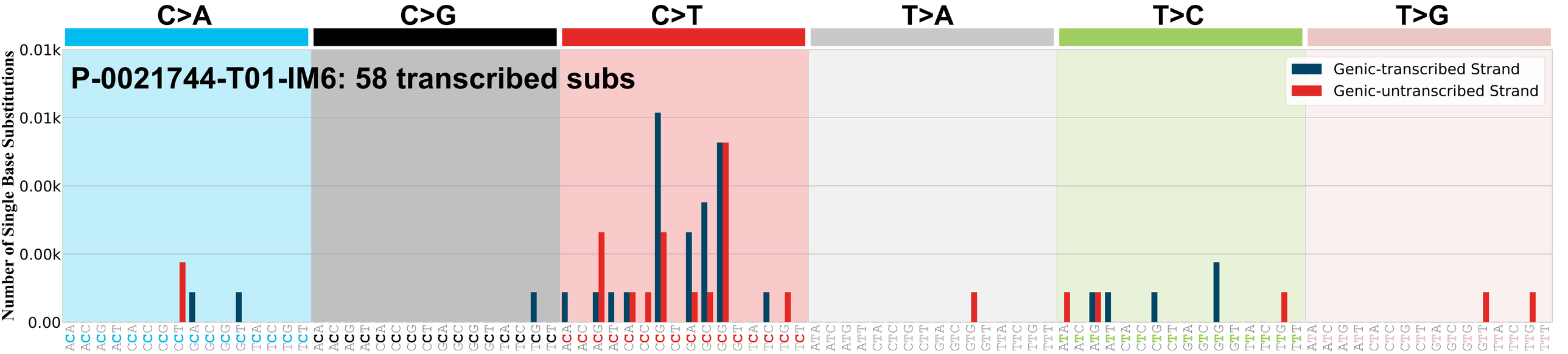

C>A
C>G
C>T
T>A
T>C
T>G
P-0021154-T01-IM6: 29 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

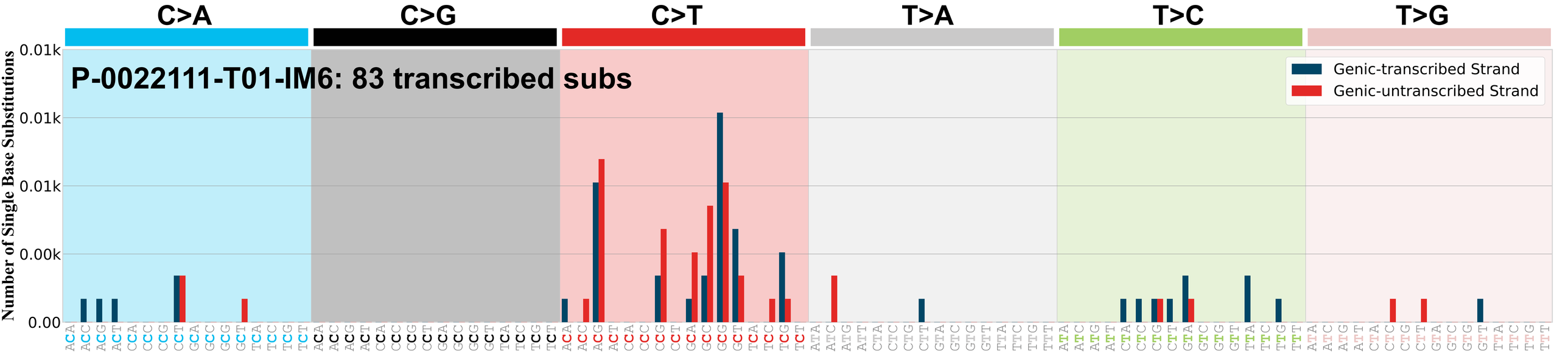

C>A
C>G
C>T
T>A
T>C
T>G
P-0021292-T01-IM6: 35 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

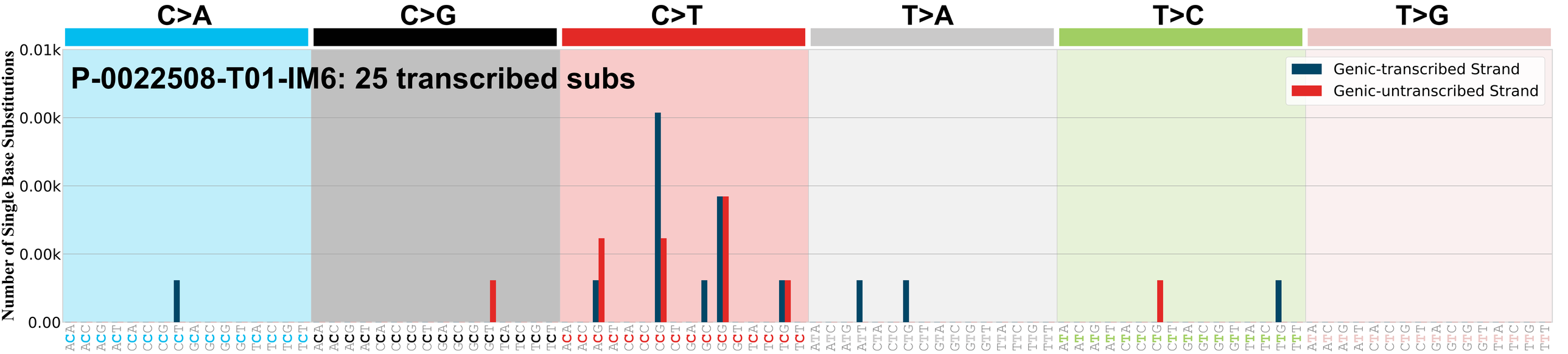

C>A
C>G
C>T
T>A
T>C
T>G
P-0021304-T01-IM6: 62 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

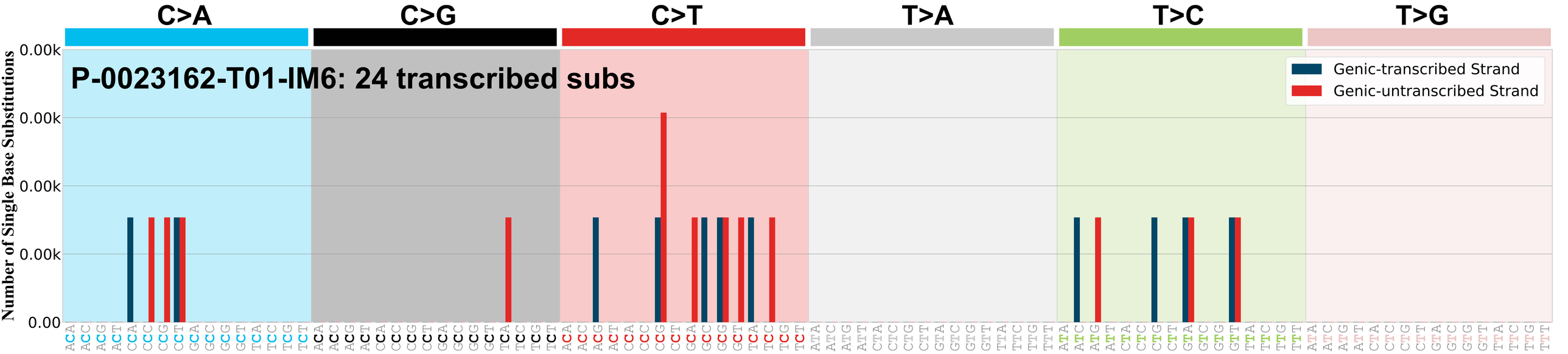

C>A
C>G
C>T
T>A
T>C
T>G
P-0021346-T01-IM6: 22 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

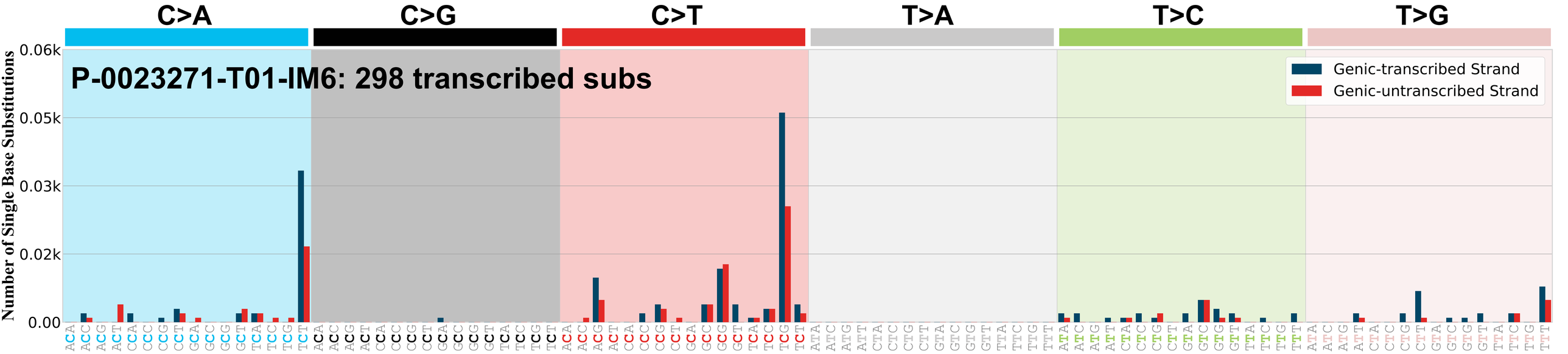

C>A
C>G
C>T
T>A
T>C
T>G
P-0021393-T01-IM6: 63 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

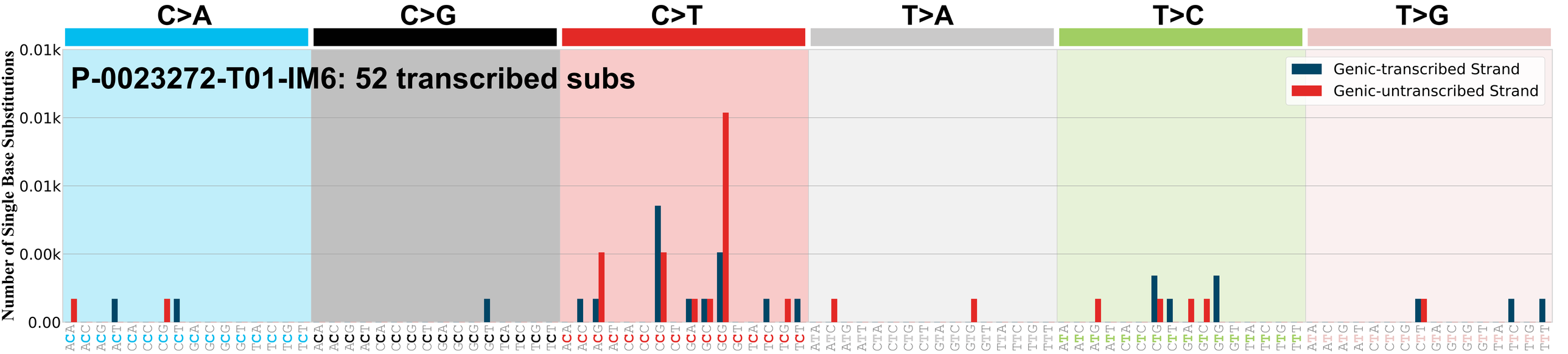

C>A
C>G
C>T
T>A
T>C
T>G
P-0021744-T01-IM6: 58 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

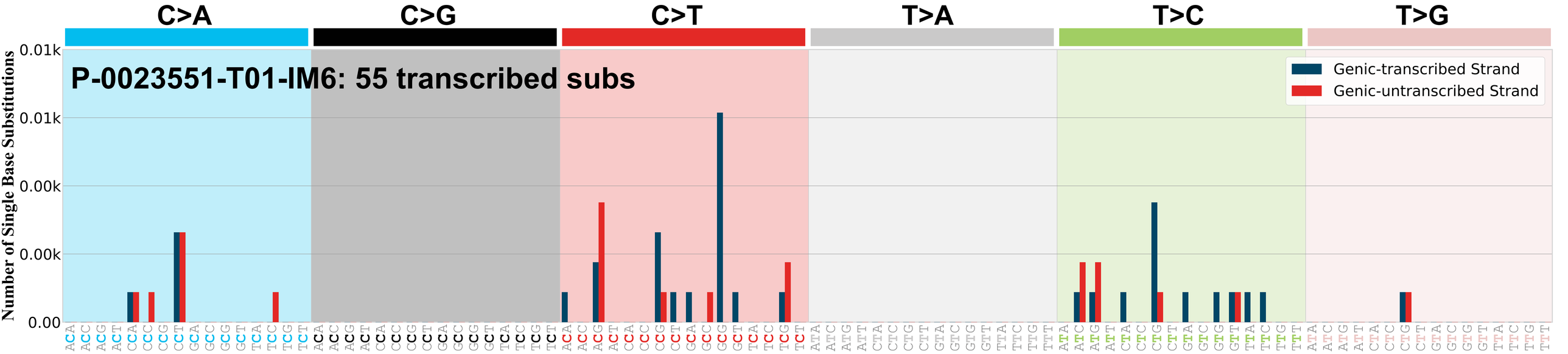

C>A
C>G
C>T
T>A
T>C
T>G
P-0022111-T01-IM6: 83 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

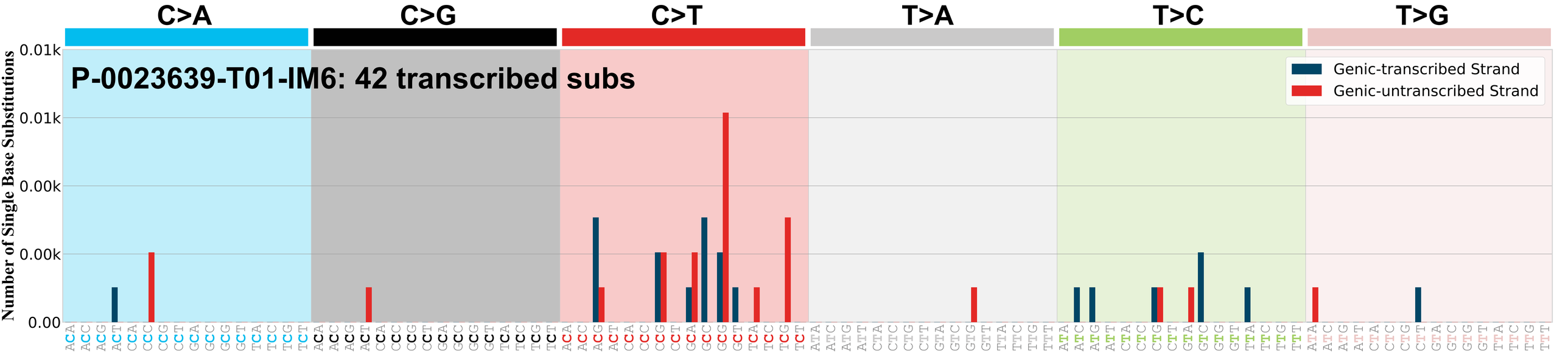

C>A
C>G
C>T
T>A
T>C
T>G
P-0022508-T01-IM6: 25 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

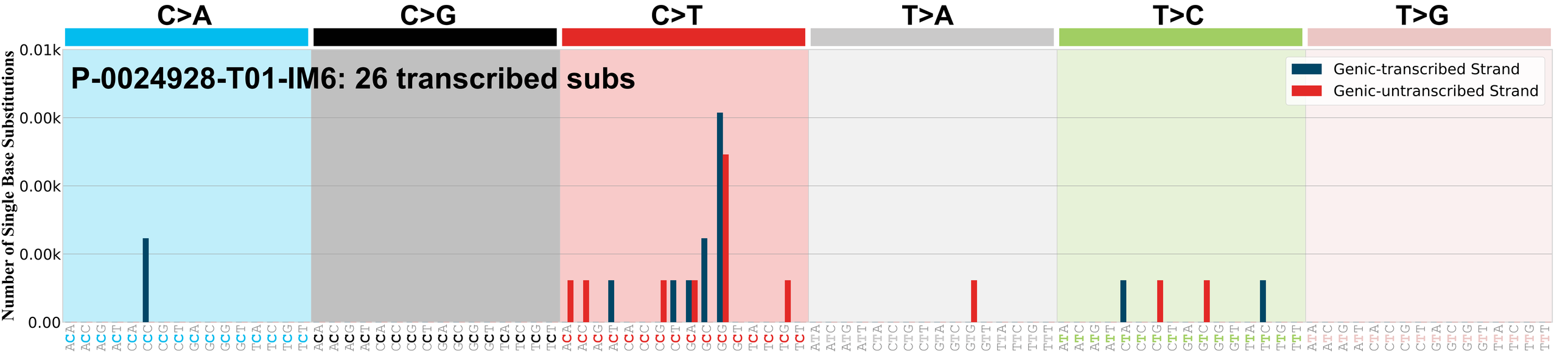

C>A
C>G
C>T
T>A
T>C
T>G
P-0023162-T01-IM6: 24 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

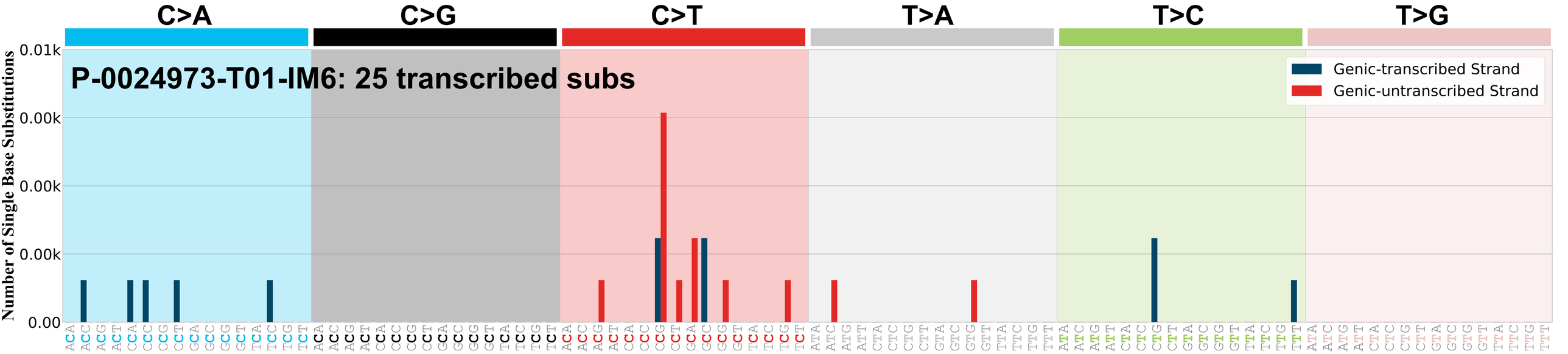

C>A
C>G
C>T
T>A
T>C
T>G
P-0023271-T01-IM6: 298 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.06k
0.05k
0.03k
0.02k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0023272-T01-IM6: 52 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0023551-T01-IM6: 55 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0023639-T01-IM6: 42 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0024928-T01-IM6: 26 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0024973-T01-IM6: 25 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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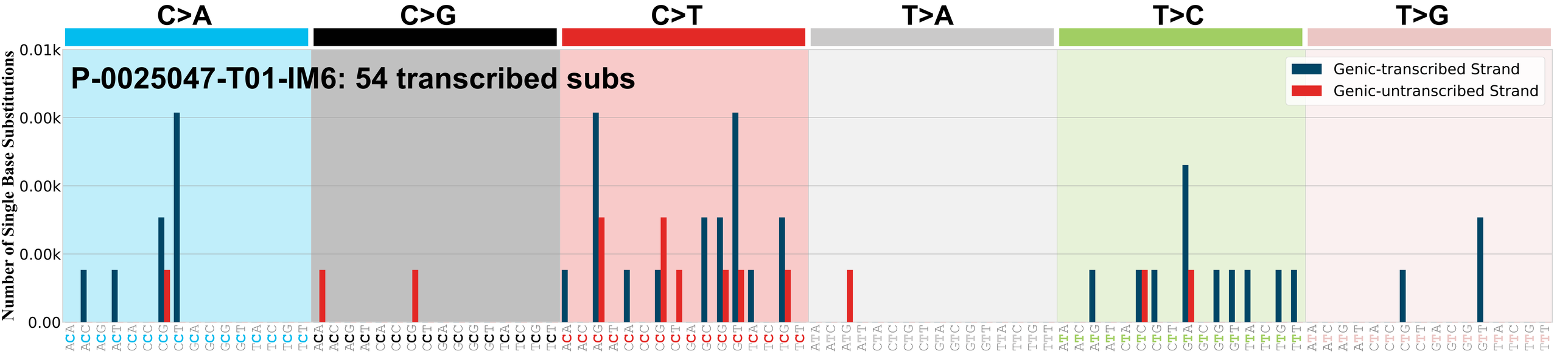
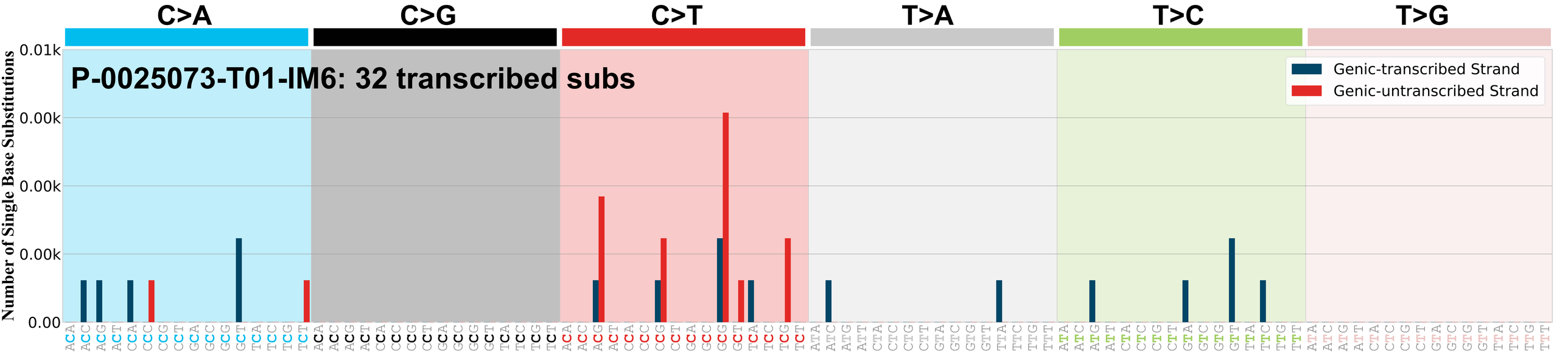
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0025047-T01-IM6: 54 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0025073-T01-IM6: 32 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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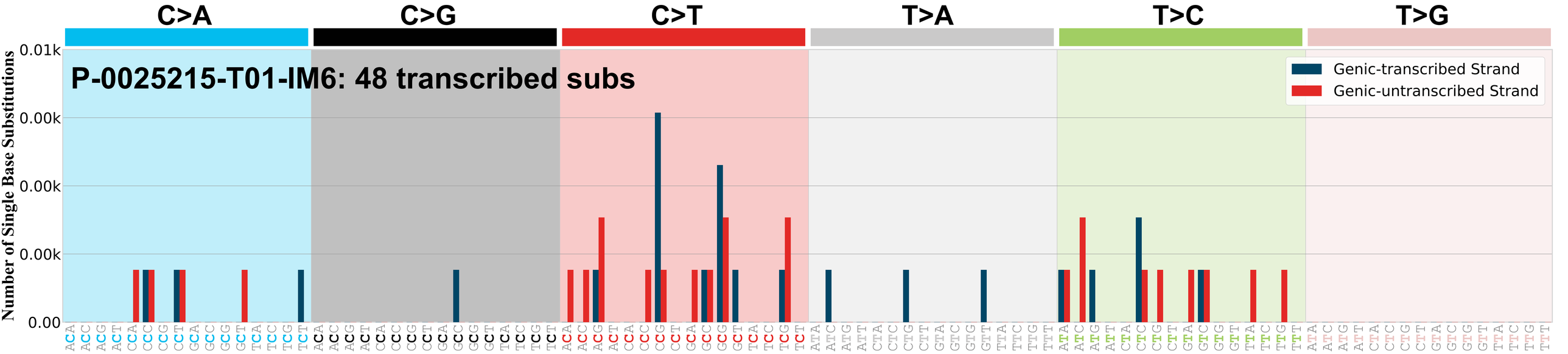
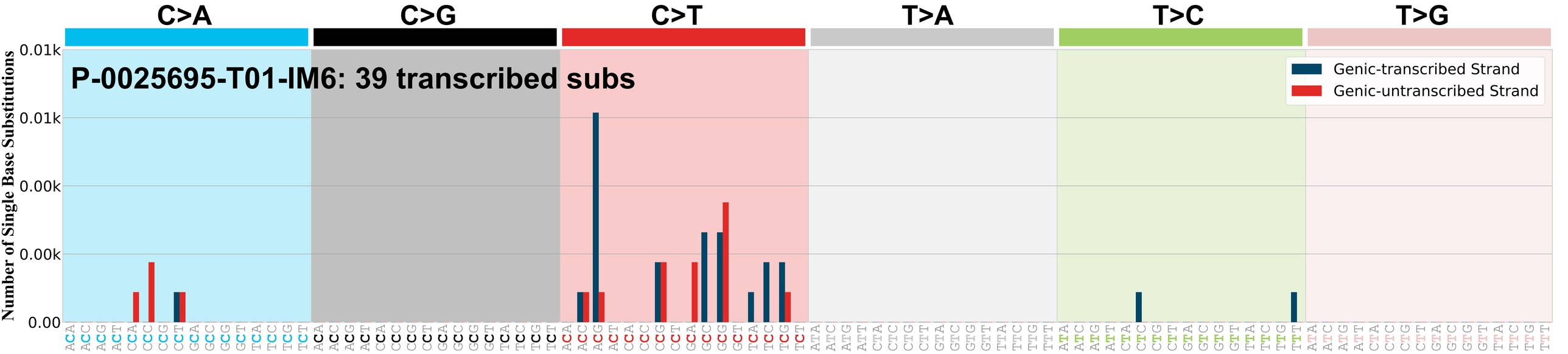
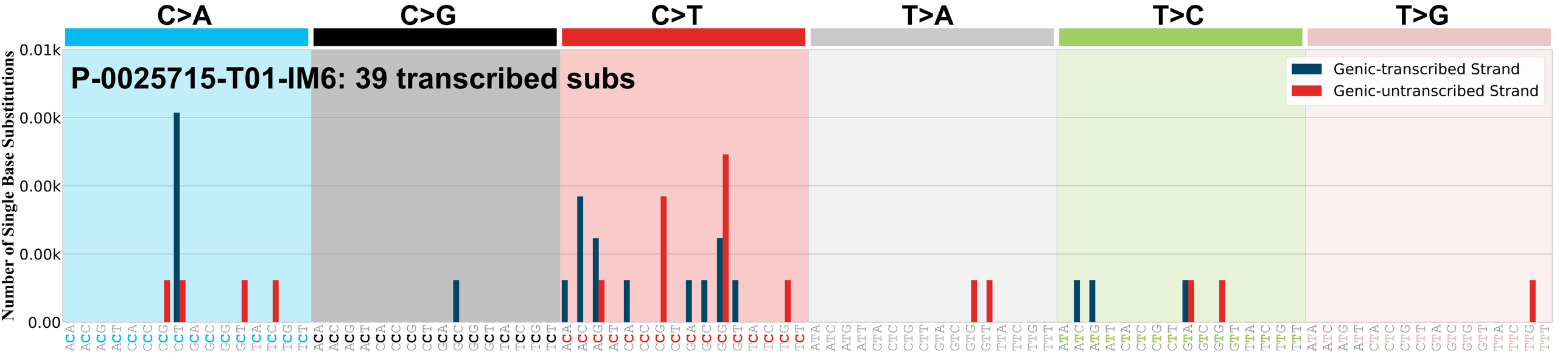
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0025215-T01-IM6: 48 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0025695-T01-IM6: 39 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0025715-T01-IM6: 39 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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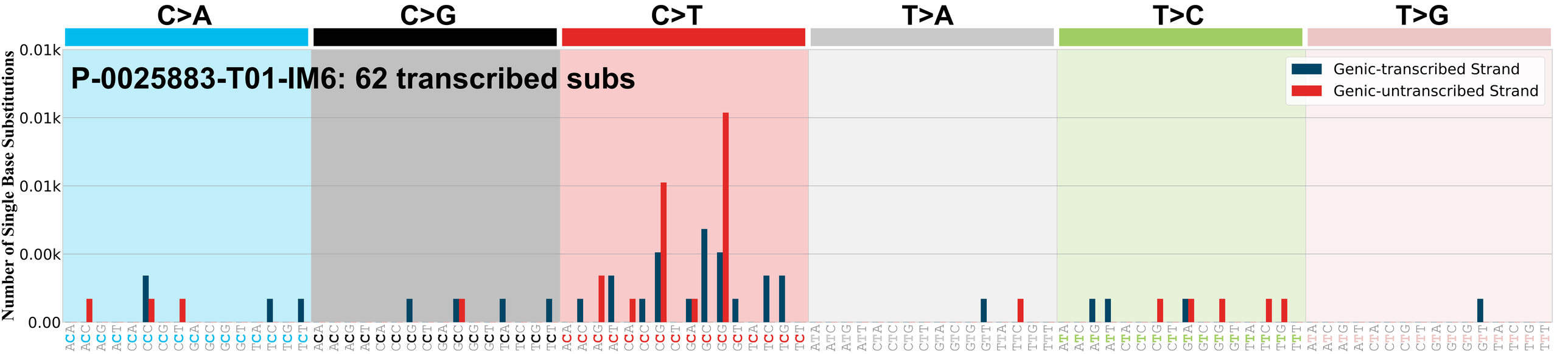
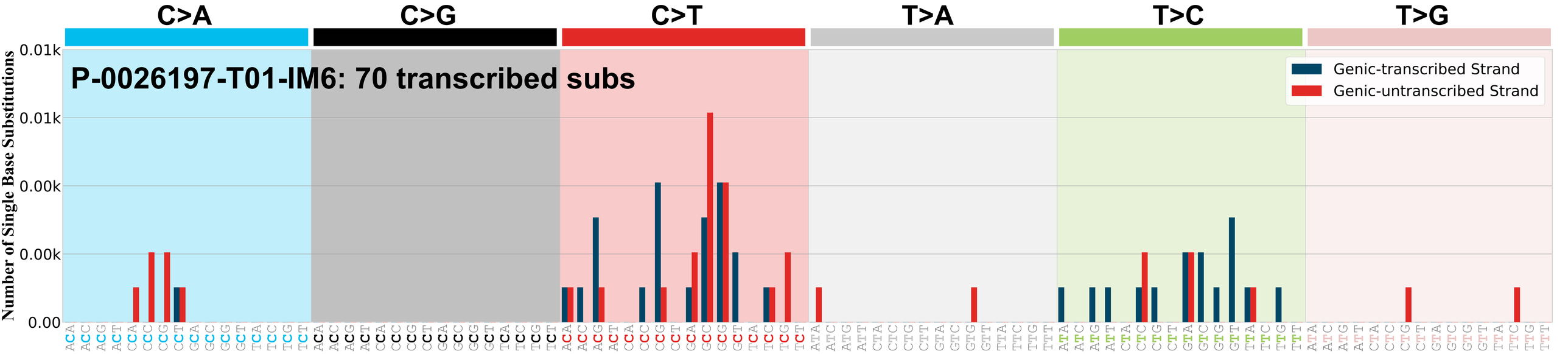
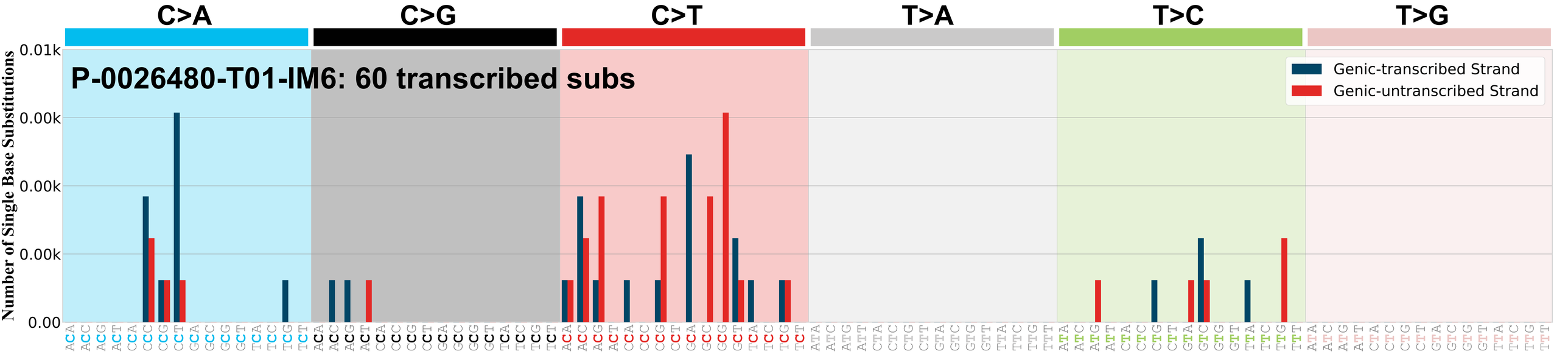
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0025883-T01-IM6: 62 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0026197-T01-IM6: 70 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0026480-T01-IM6: 60 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
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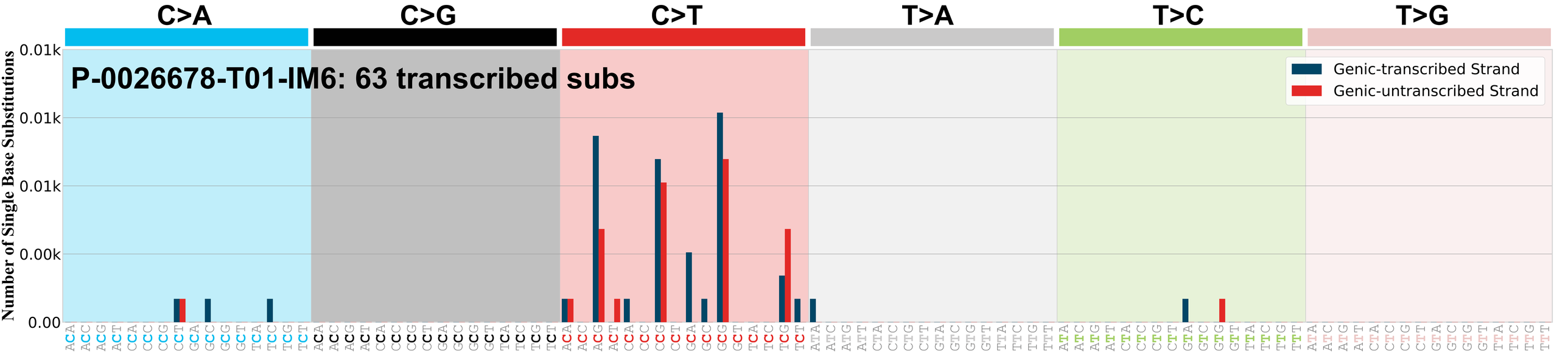
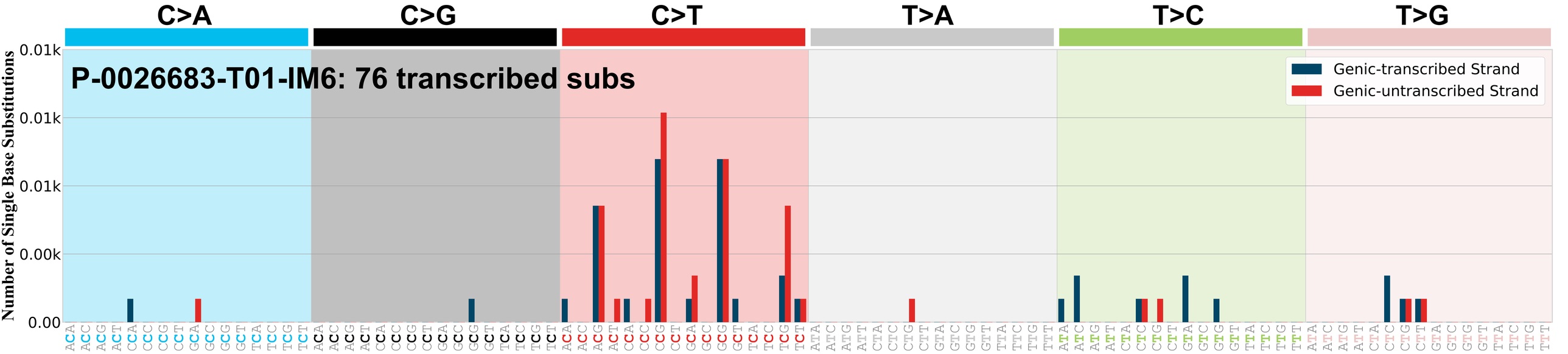
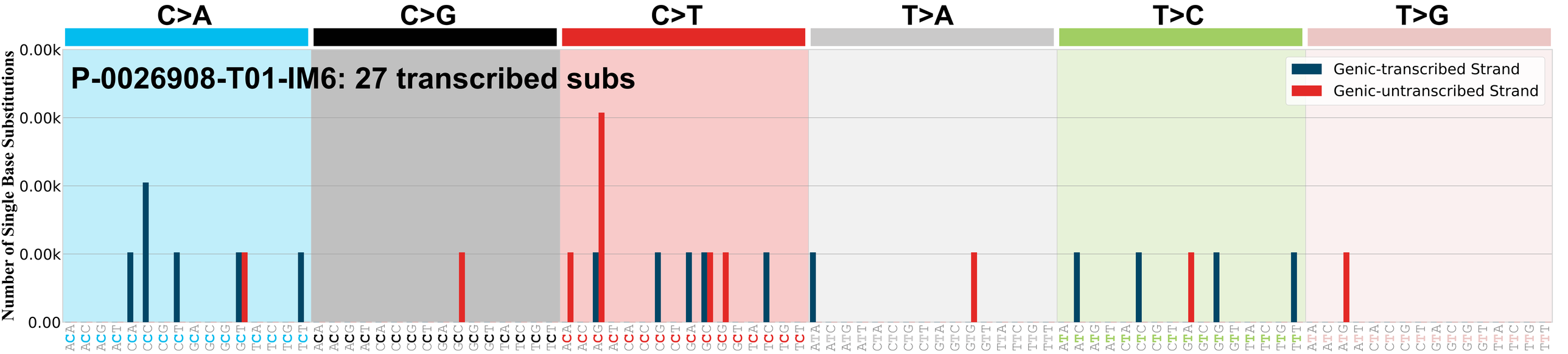
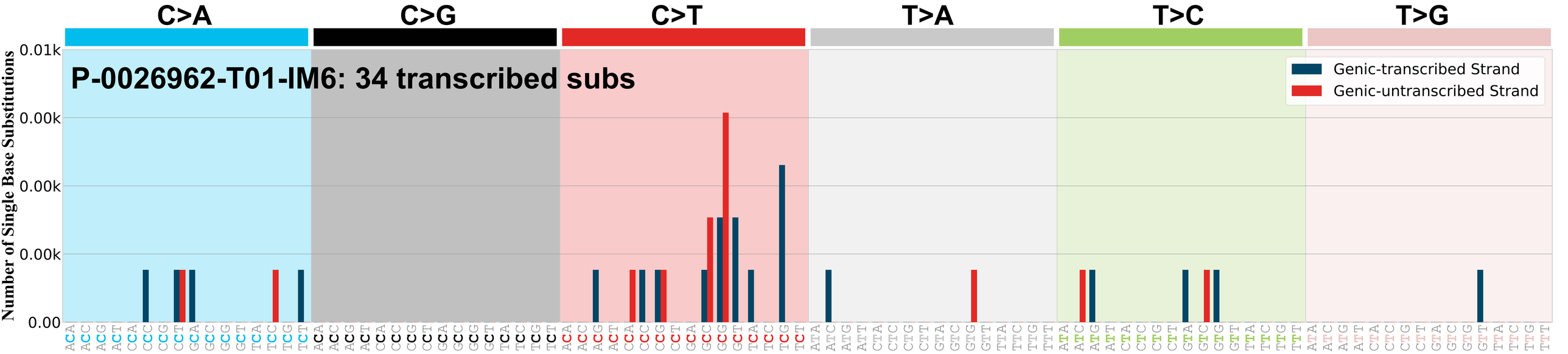
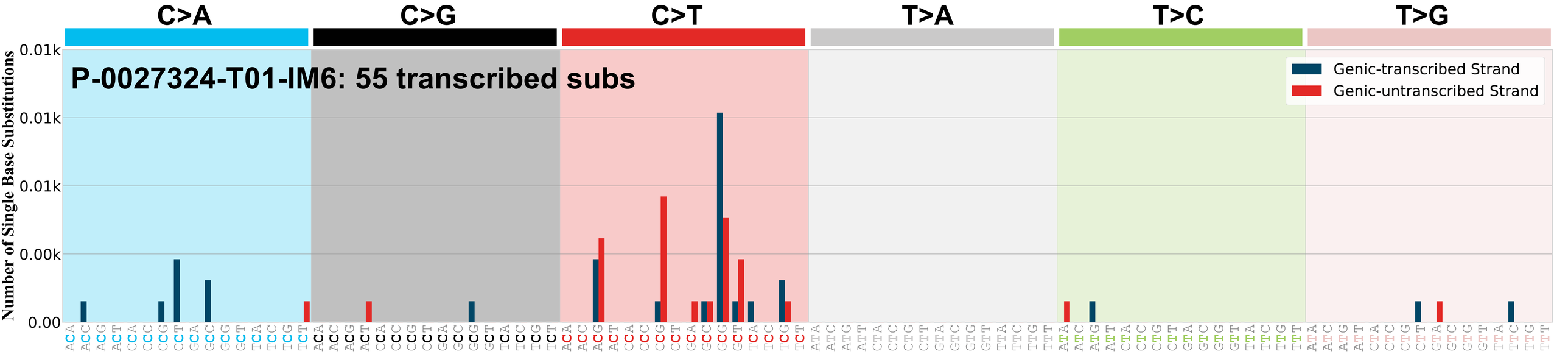
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT

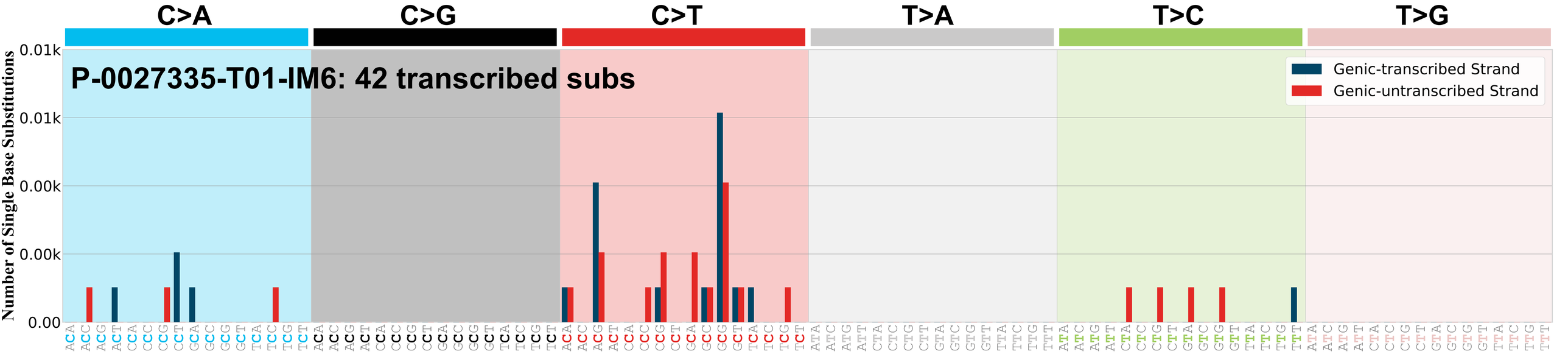

C>A
C>G
C>T
T>A
T>C
T>G
P-0026678-T01-IM6: 63 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

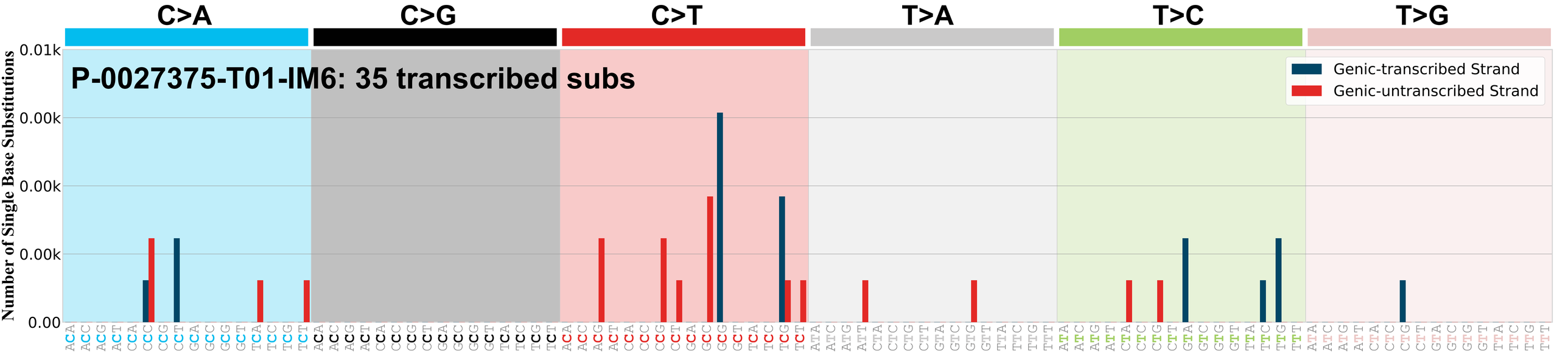

C>A
C>G
C>T
T>A
T>C
T>G
P-0026683-T01-IM6: 76 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

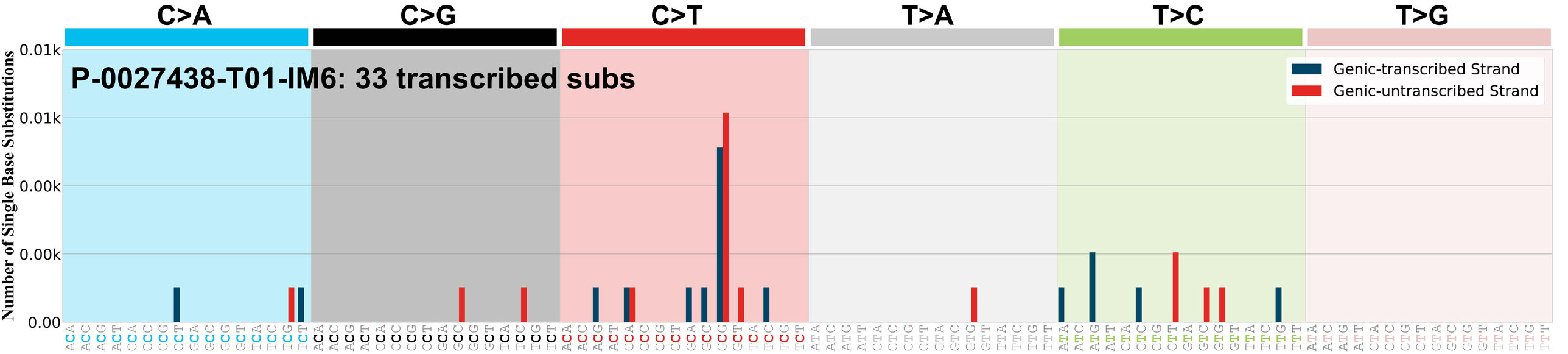

C>A
C>G
C>T
T>A
T>C
T>G
P-0026908-T01-IM6: 27 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

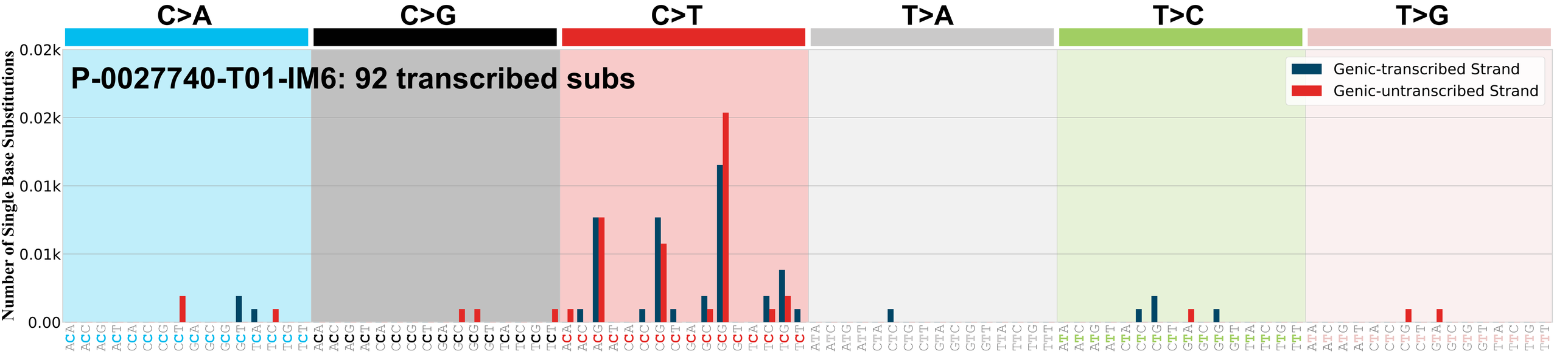

C>A
C>G
C>T
T>A
T>C
T>G
P-0026962-T01-IM6: 34 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

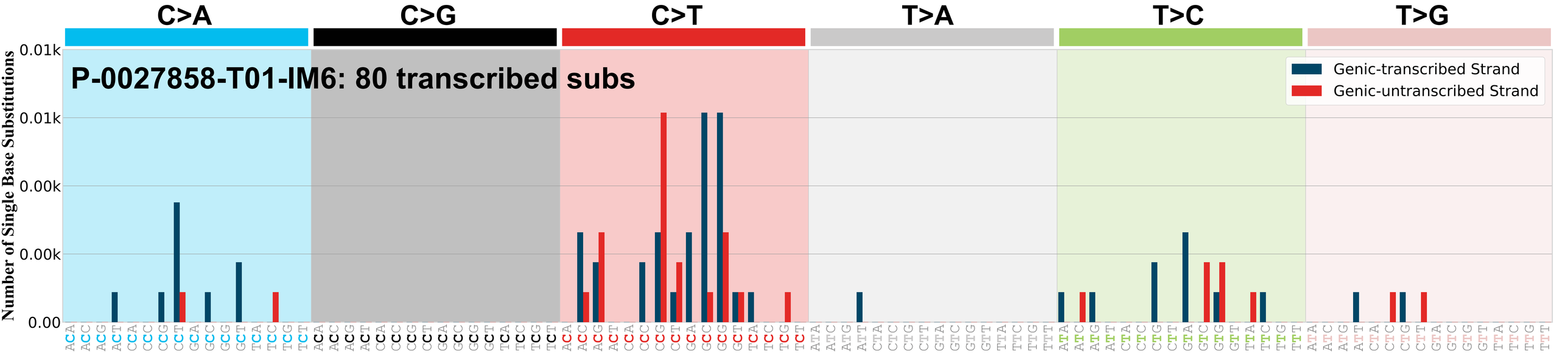

C>A
C>G
C>T
T>A
T>C
T>G
P-0027324-T01-IM6: 55 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

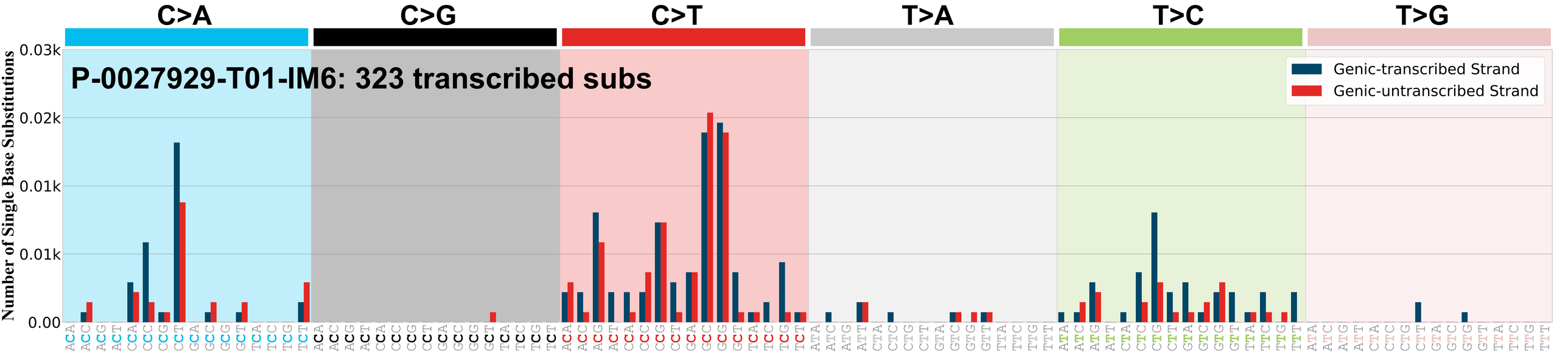

C>A
C>G
C>T
T>A
T>C
T>G
P-0027335-T01-IM6: 42 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

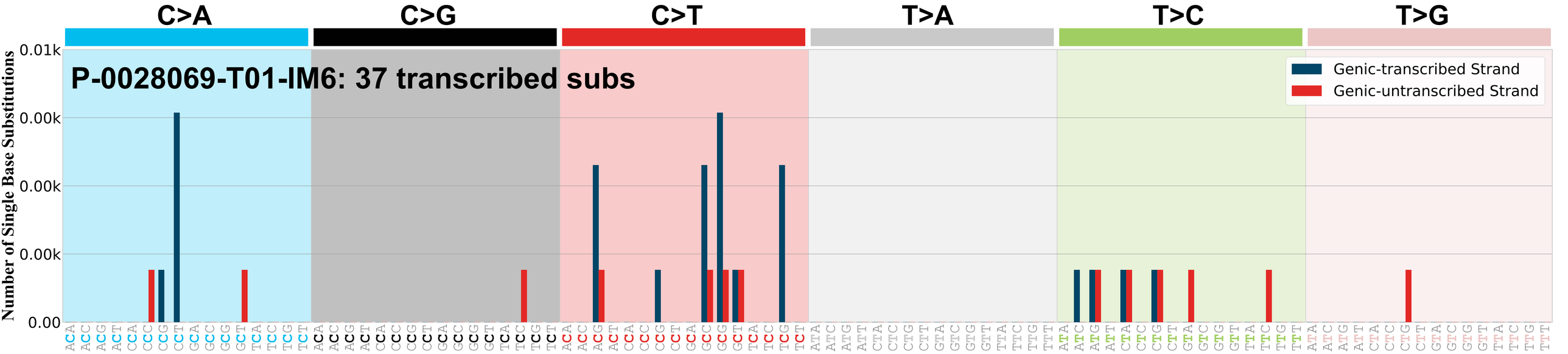

C>A
C>G
C>T
T>A
T>C
T>G
P-0027375-T01-IM6: 35 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

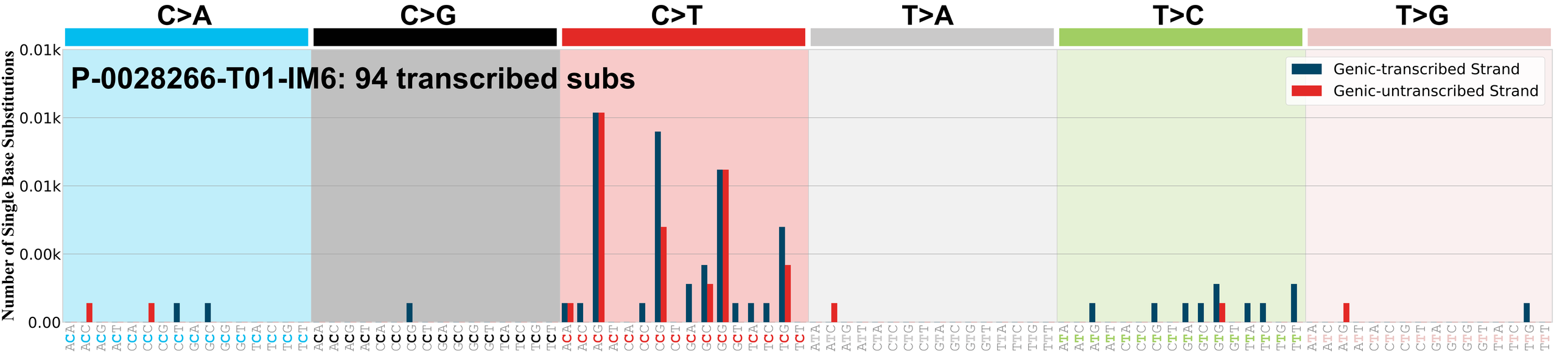

C>A
C>G
C>T
T>A
T>C
T>G
P-0027438-T01-IM6: 33 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

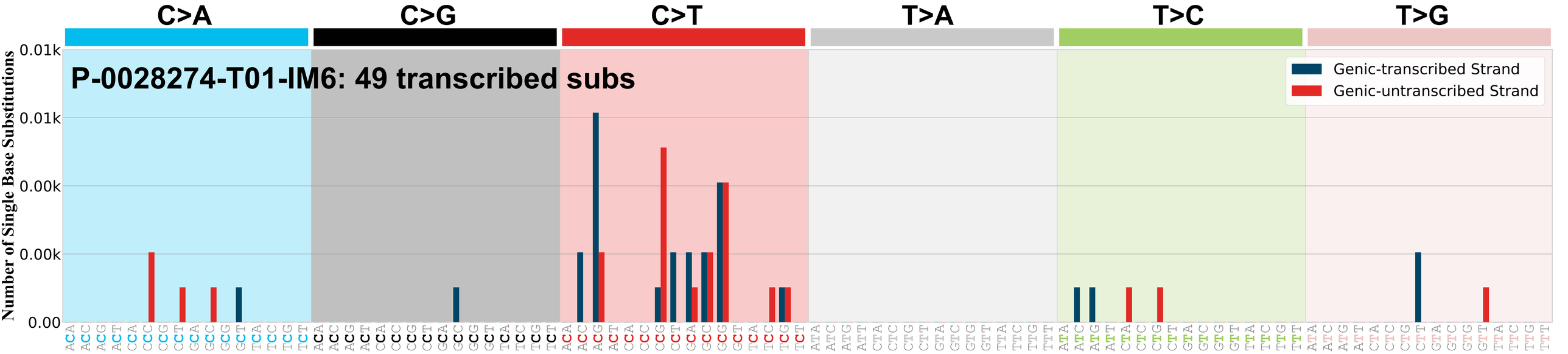

C>A
C>G
C>T
T>A
T>C
T>G
P-0027740-T01-IM6: 92 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.02k
0.02k
0.01k
0.01k
0.00

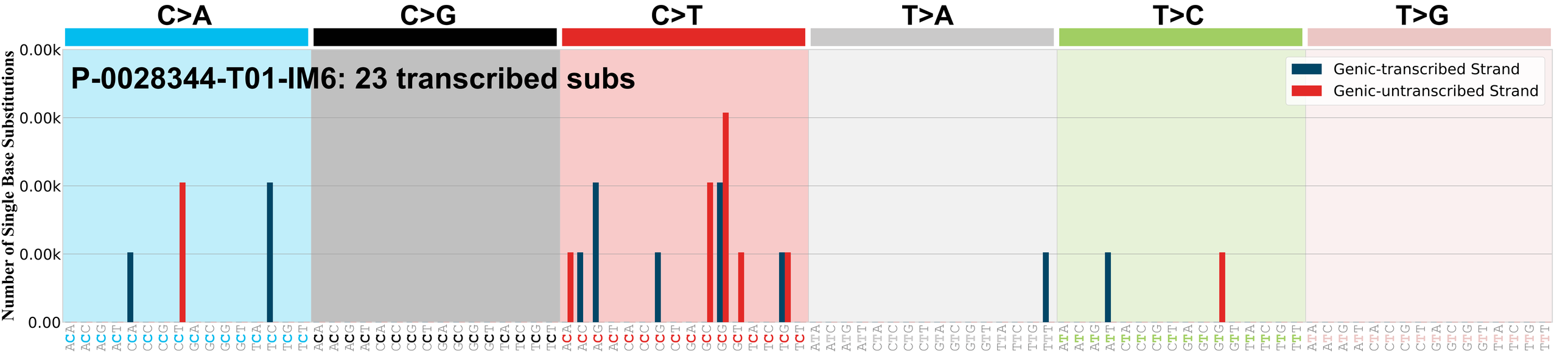

C>A
C>G
C>T
T>A
T>C
T>G
P-0027858-T01-IM6: 80 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

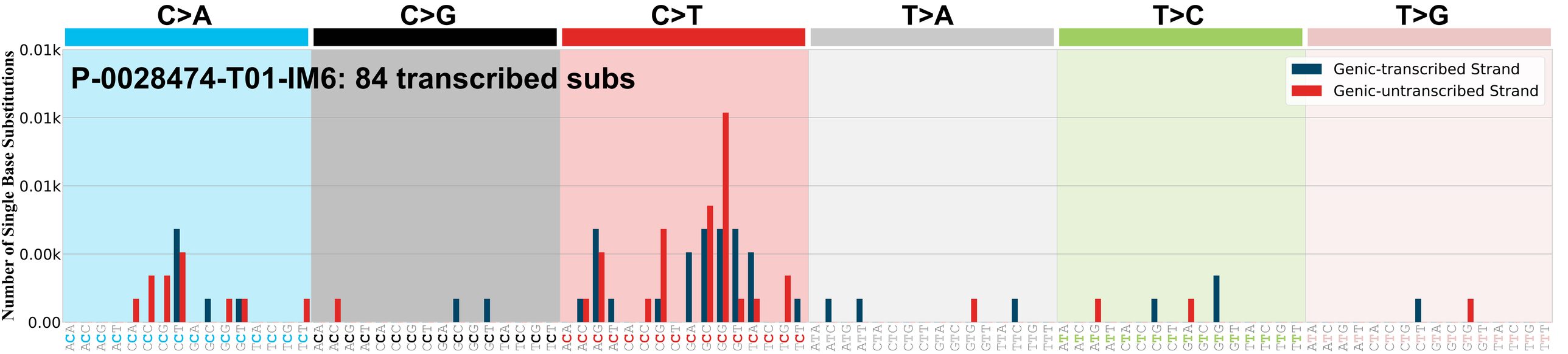

C>A
C>G
C>T
T>A
T>C
T>G
P-0027929-T01-IM6: 323 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.03k
0.02k
0.01k
0.01k
0.00

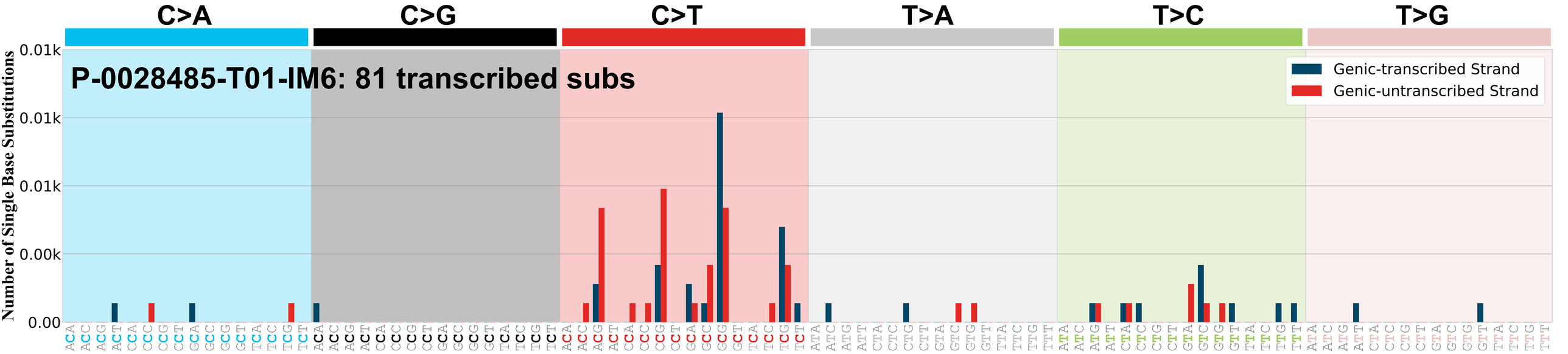

C>A
C>G
C>T
T>A
T>C
T>G
P-0028069-T01-IM6: 37 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

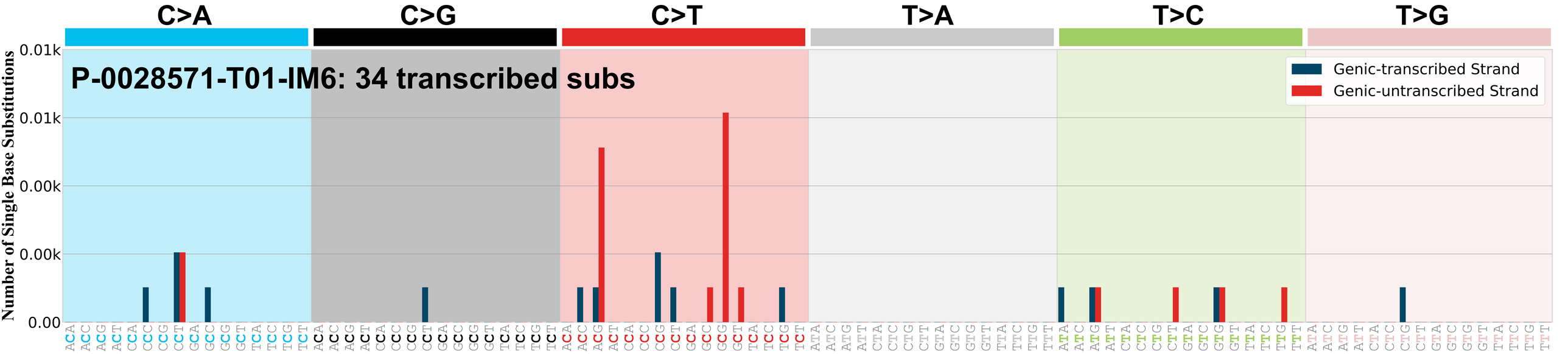

C>A
C>G
C>T
T>A
T>C
T>G
P-0028266-T01-IM6: 94 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

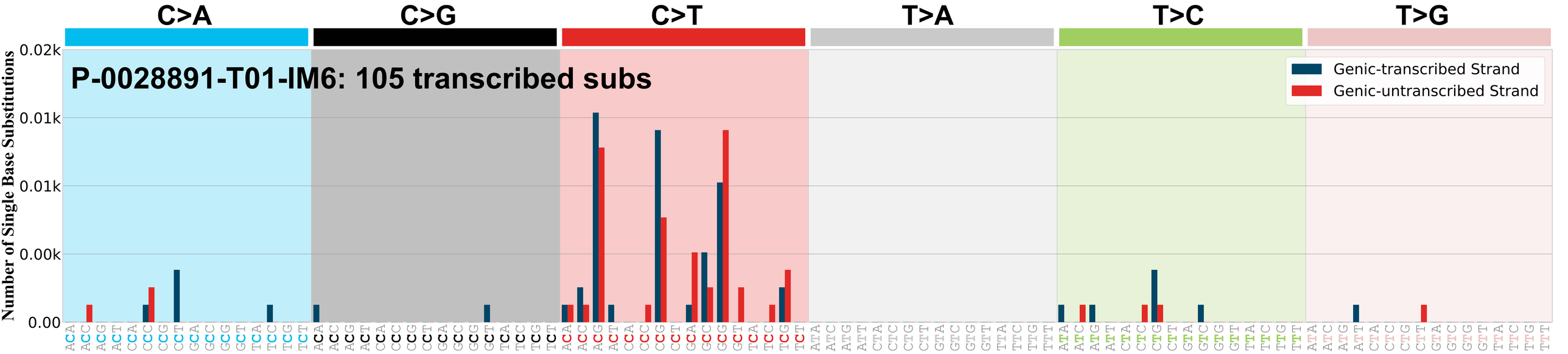

C>A
C>G
C>T
T>A
T>C
T>G
P-0028274-T01-IM6: 49 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT

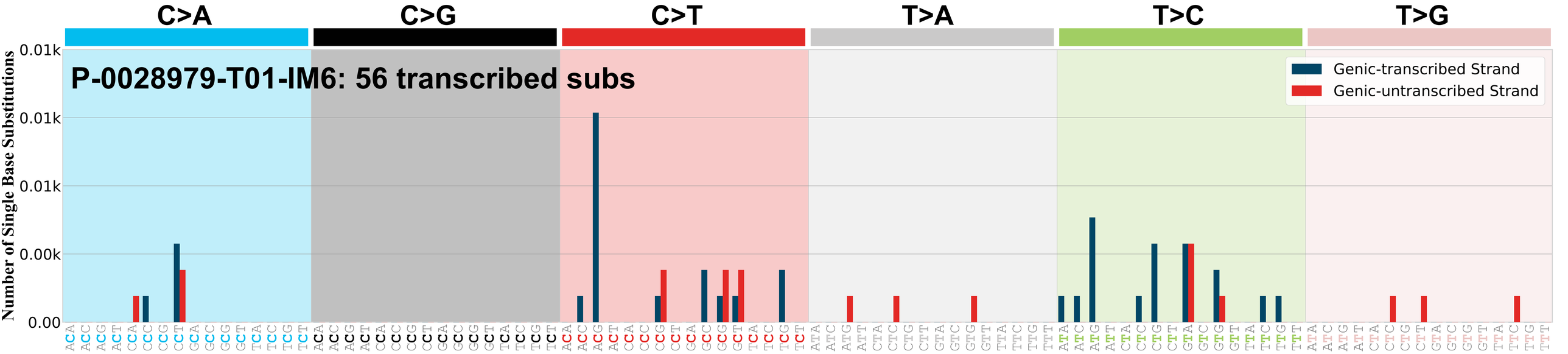

C>A
C>G
C>T
T>A
T>C
T>G
P-0028344-T01-IM6: 23 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

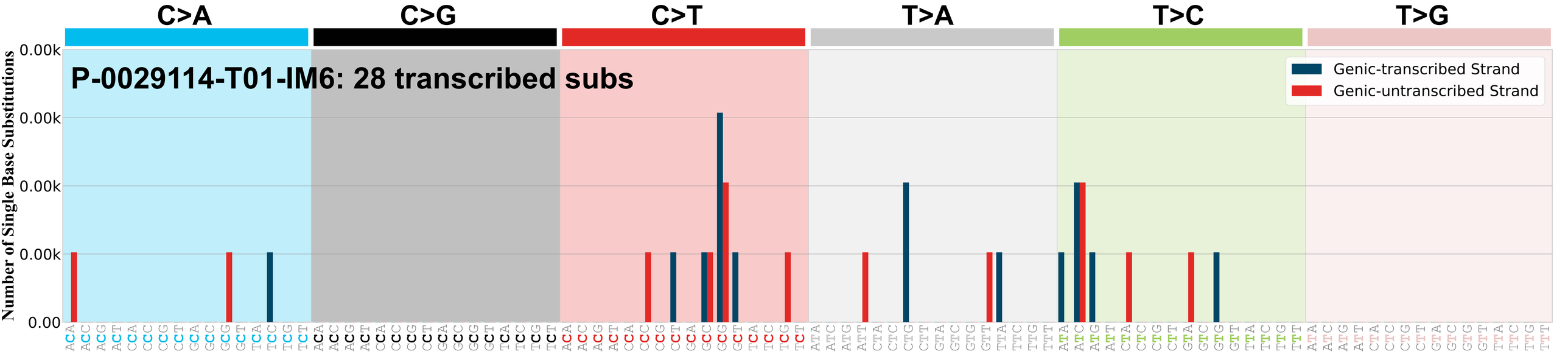

C>A
C>G
C>T
T>A
T>C
T>G
P-0028474-T01-IM6: 84 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

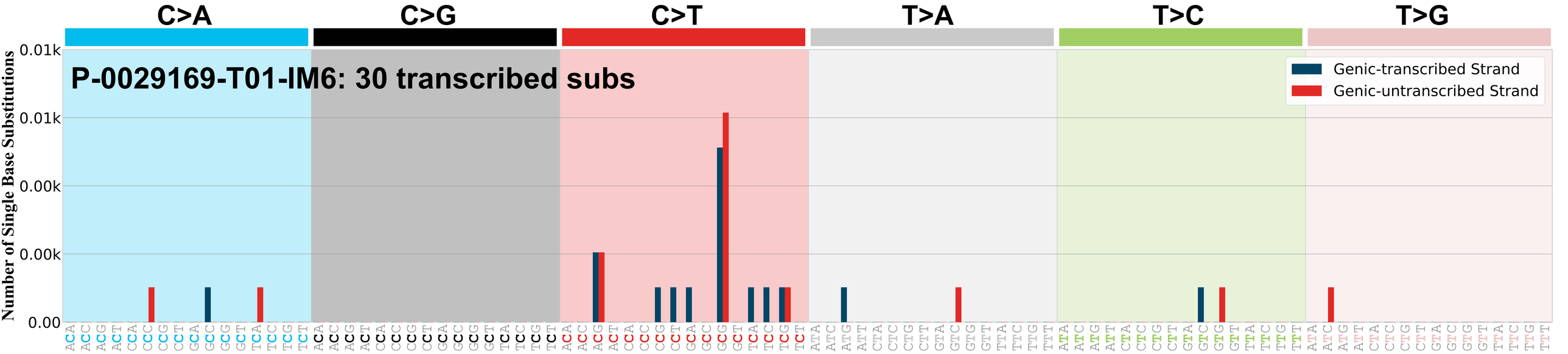

C>A
C>G
C>T
T>A
T>C
T>G
P-0028485-T01-IM6: 81 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

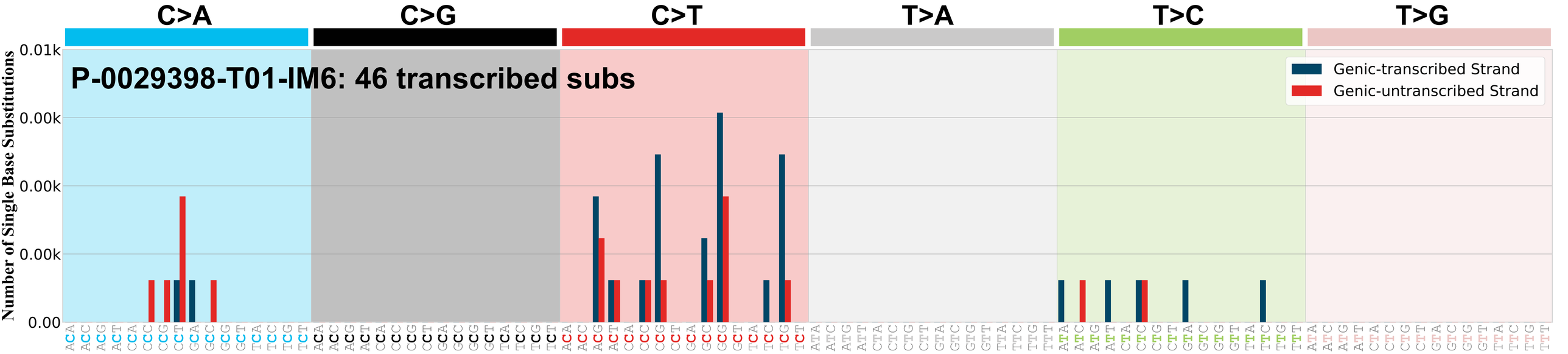

C>A
C>G
C>T
T>A
T>C
T>G
P-0028571-T01-IM6: 34 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

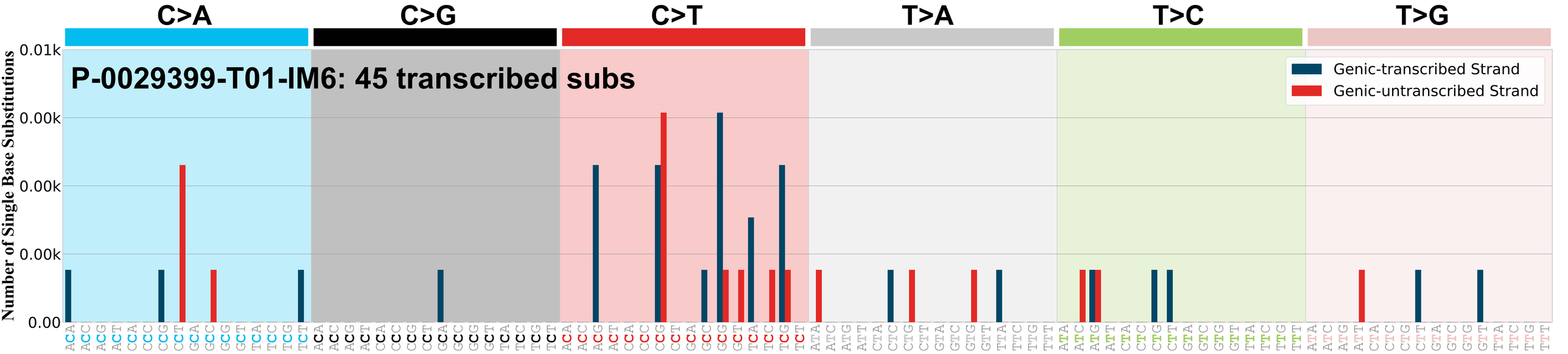

C>A
C>G
C>T
T>A
T>C
T>G
P-0028891-T01-IM6: 105 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00

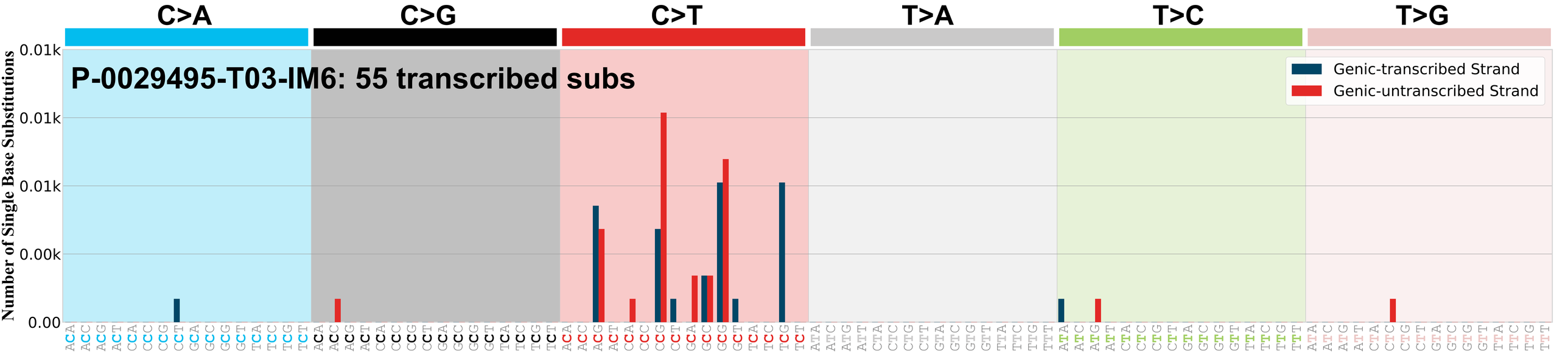

C>A
C>G
C>T
T>A
T>C
T>G
P-0028979-T01-IM6: 56 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

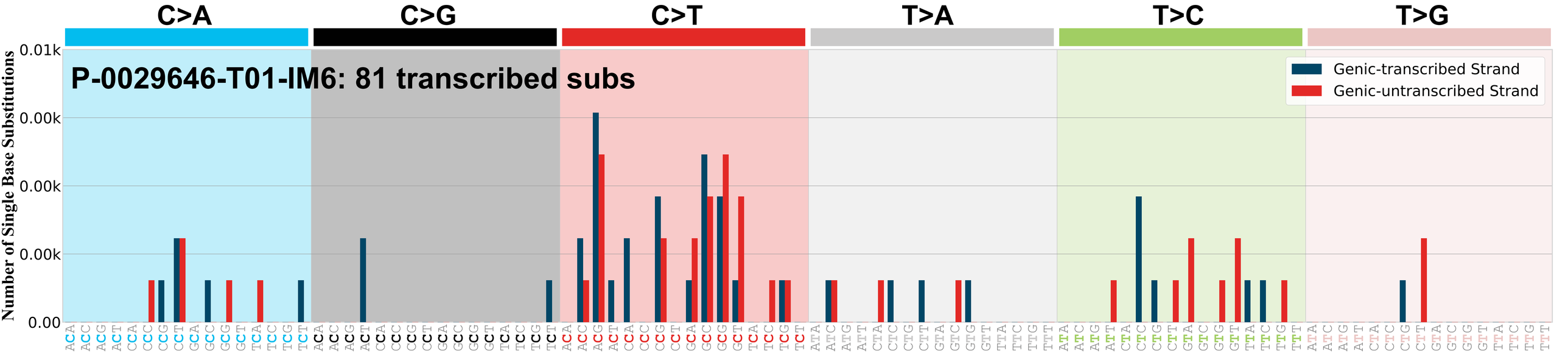

C>A
C>G
C>T
T>A
T>C
T>G
P-0029114-T01-IM6: 28 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

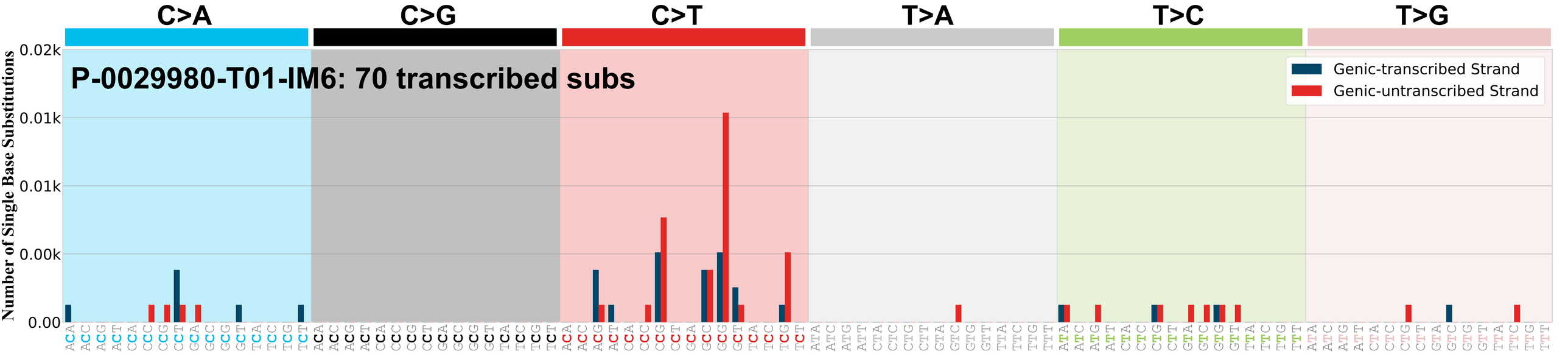

C>A
C>G
C>T
T>A
T>C
T>G
P-0029169-T01-IM6: 30 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

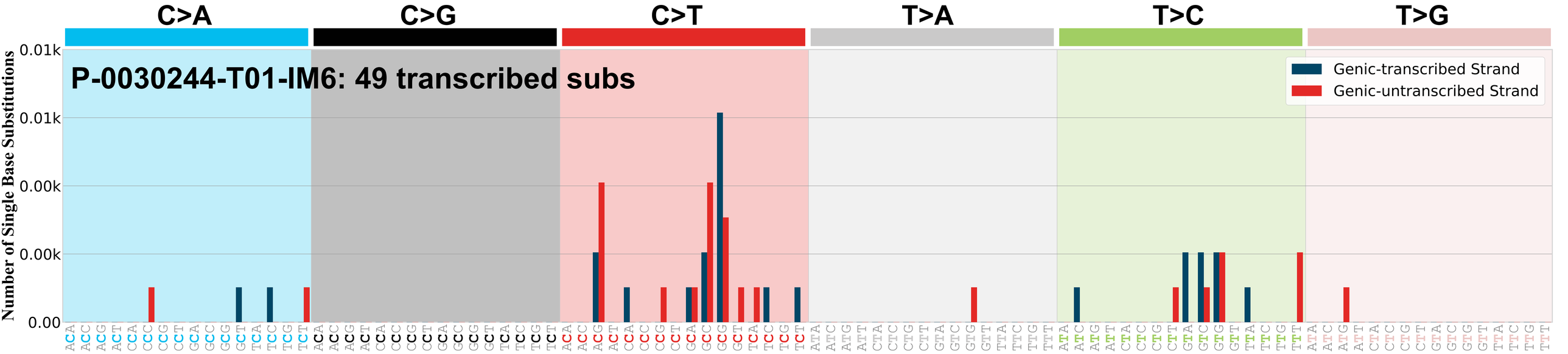

C>A
C>G
C>T
T>A
T>C
T>G
P-0029398-T01-IM6: 46 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

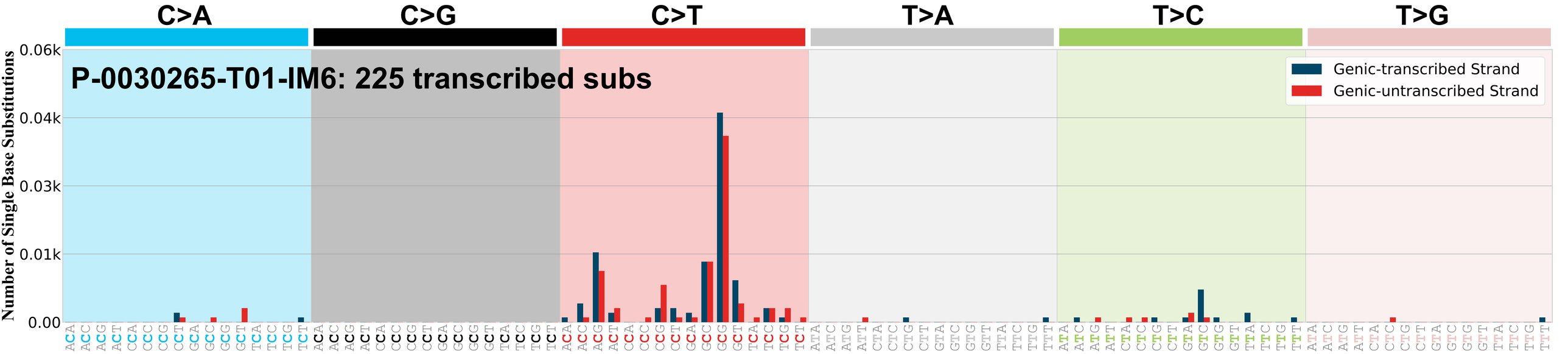

C>A
C>G
C>T
T>A
T>C
T>G
P-0029399-T01-IM6: 45 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

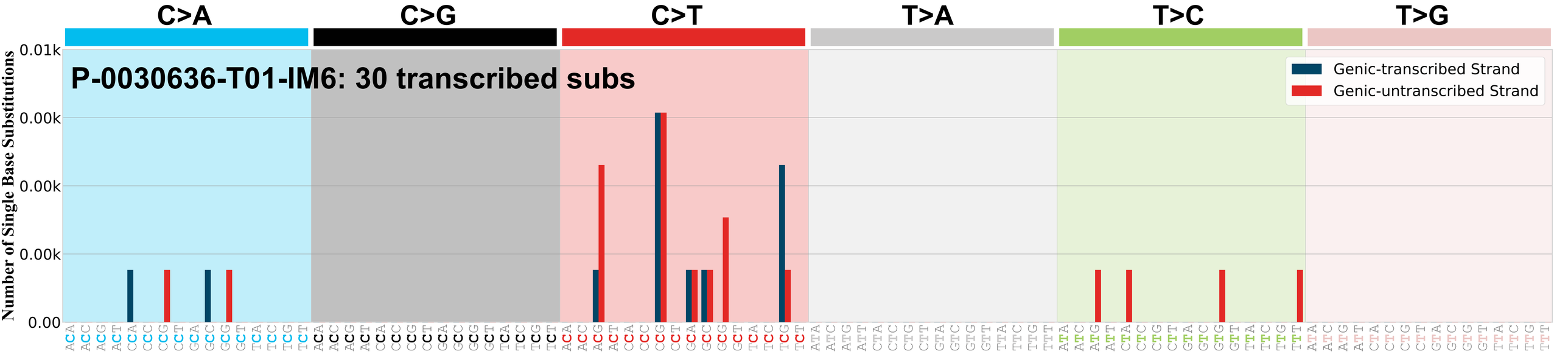

C>A
C>G
C>T
T>A
T>C
T>G
P-0029495-T03-IM6: 55 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

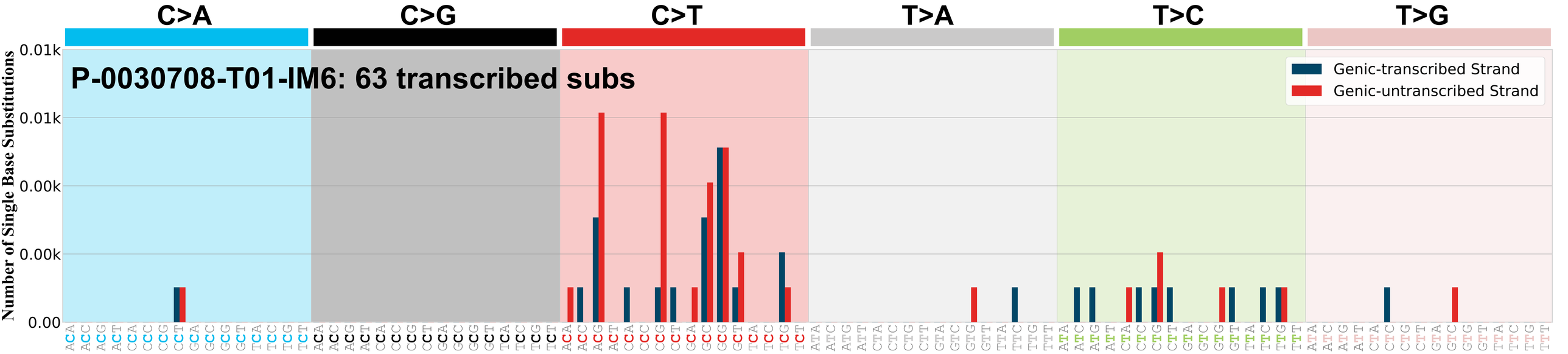

C>A
C>G
C>T
T>A
T>C
T>G
P-0029646-T01-IM6: 81 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

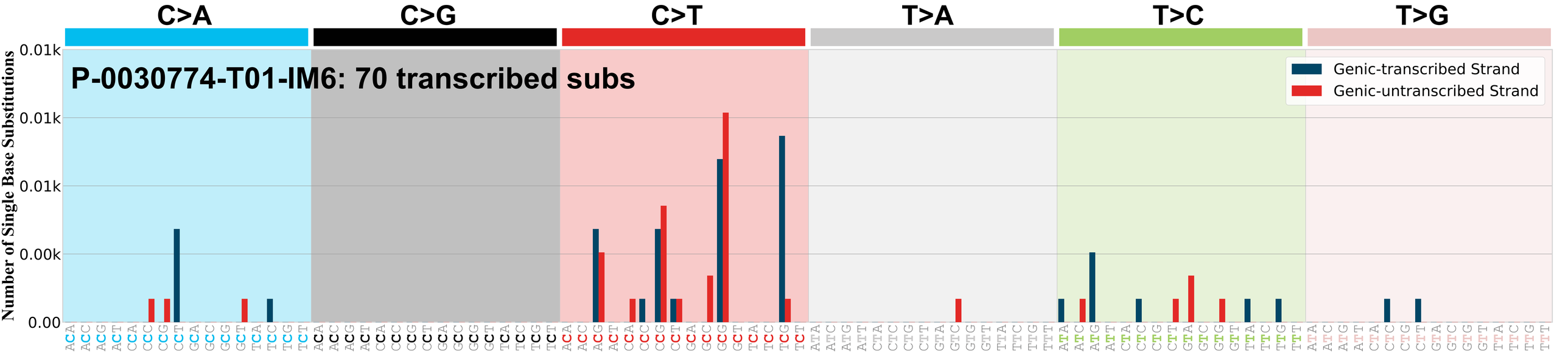

C>A
C>G
C>T
T>A
T>C
T>G
P-0029980-T01-IM6: 70 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00

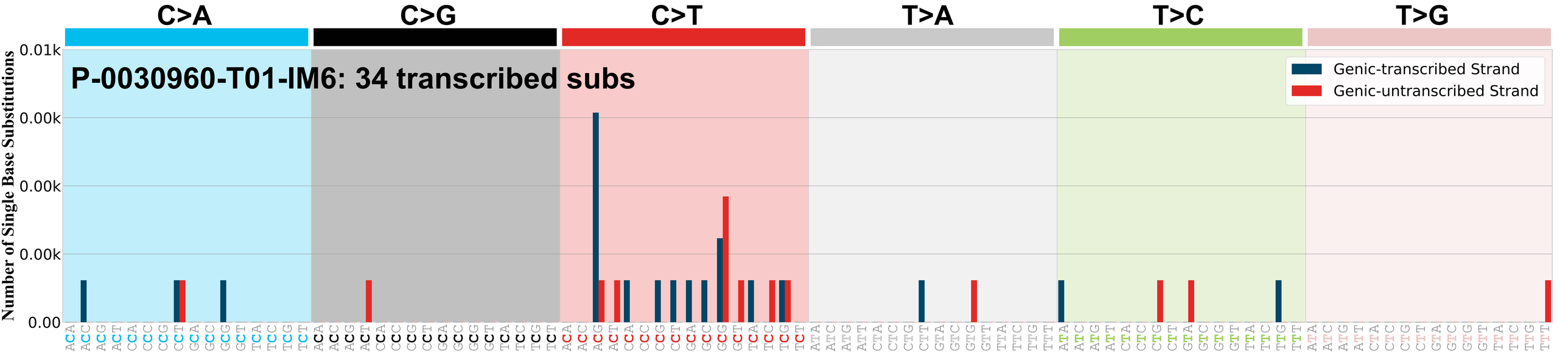

C>A
C>G
C>T
T>A
T>C
T>G
P-0030244-T01-IM6: 49 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

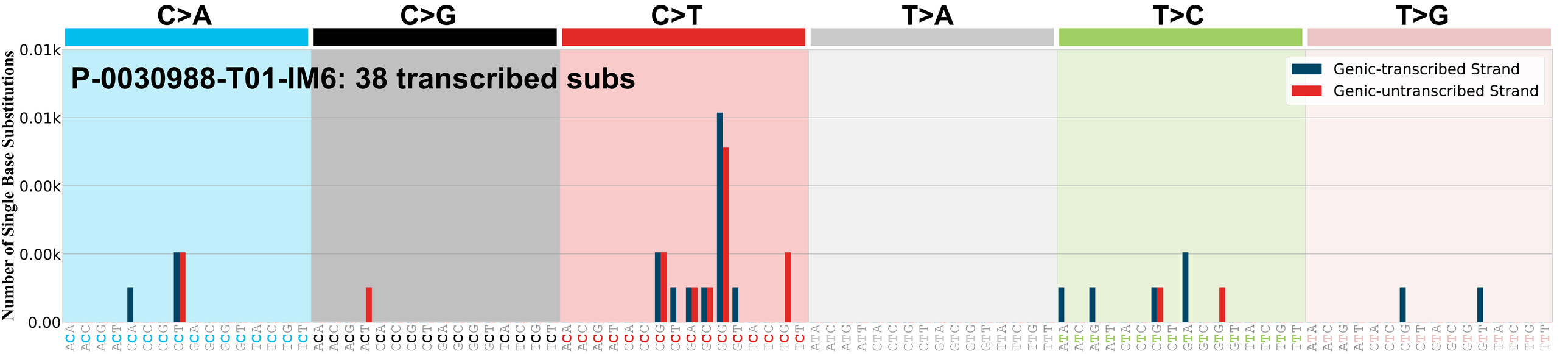

C>A
C>G
C>T
T>A
T>C
T>G
P-0030265-T01-IM6: 225 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.06k
0.04k
0.03k
0.01k
0.00

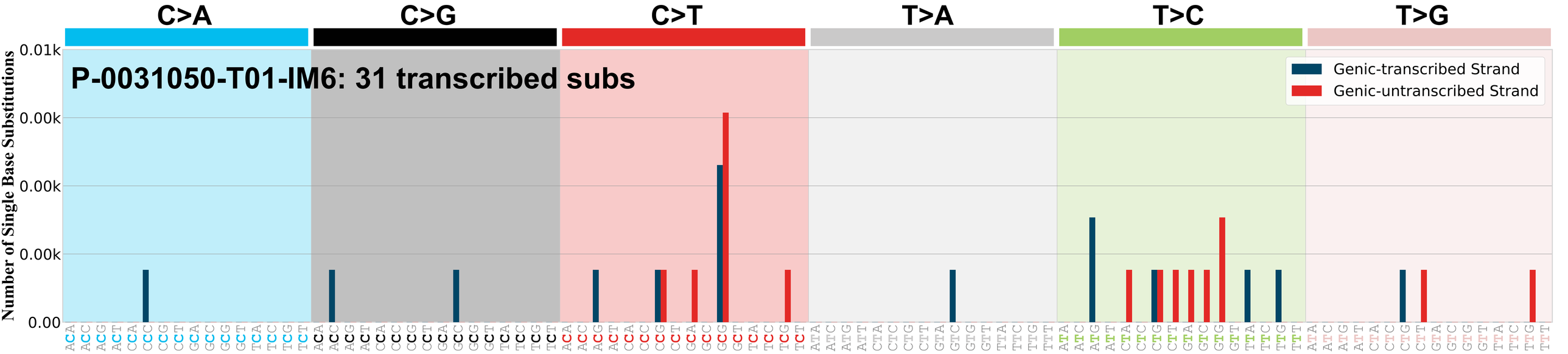

C>A
C>G
C>T
T>A
T>C
T>G
P-0030636-T01-IM6: 30 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

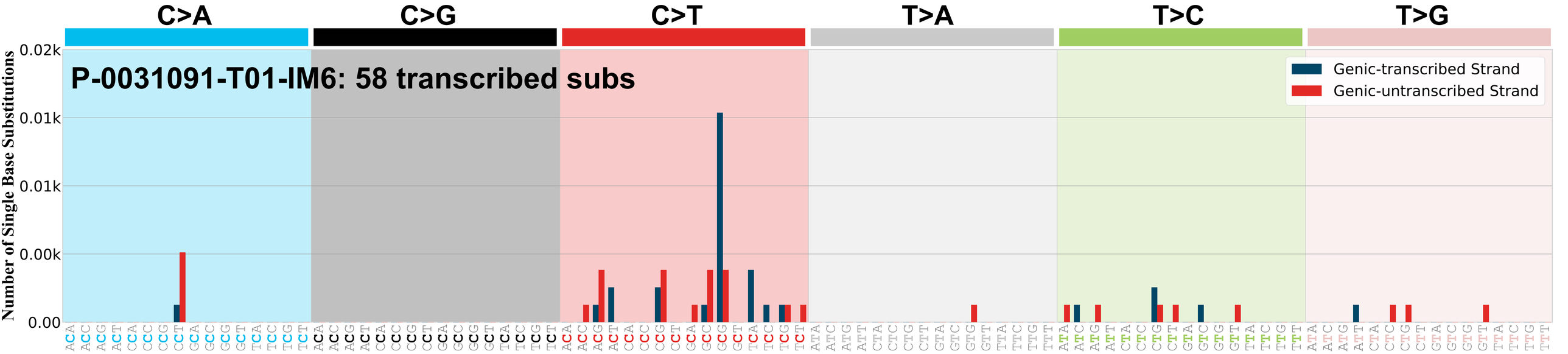

C>A
C>G
C>T
T>A
T>C
T>G
P-0030708-T01-IM6: 63 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

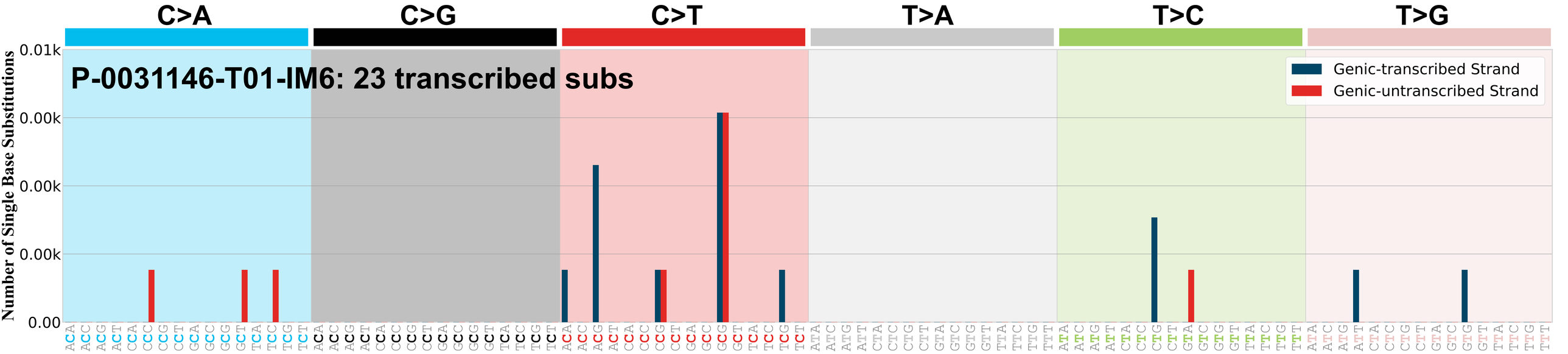

C>A
C>G
C>T
T>A
T>C
T>G
P-0030774-T01-IM6: 70 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

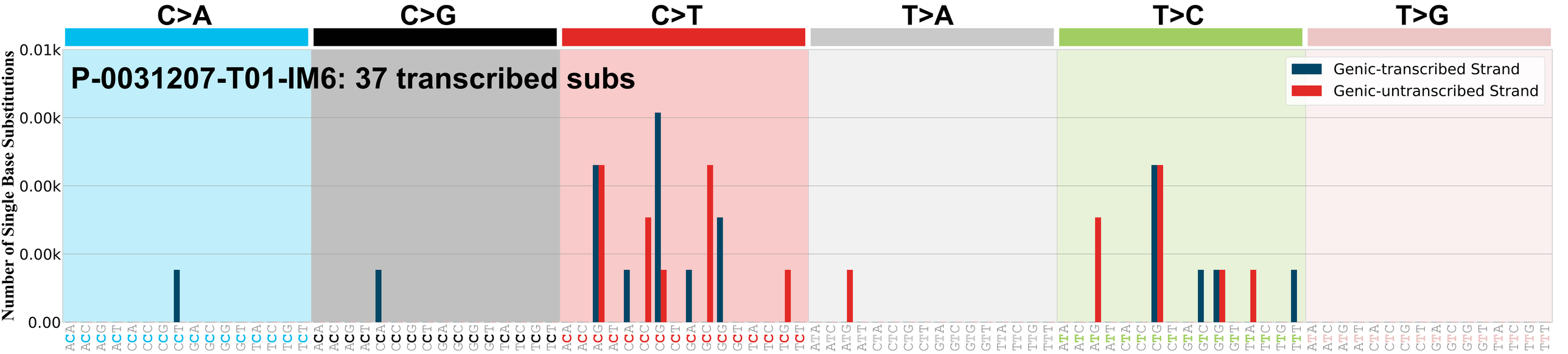

C>A
C>G
C>T
T>A
T>C
T>G
P-0030960-T01-IM6: 34 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

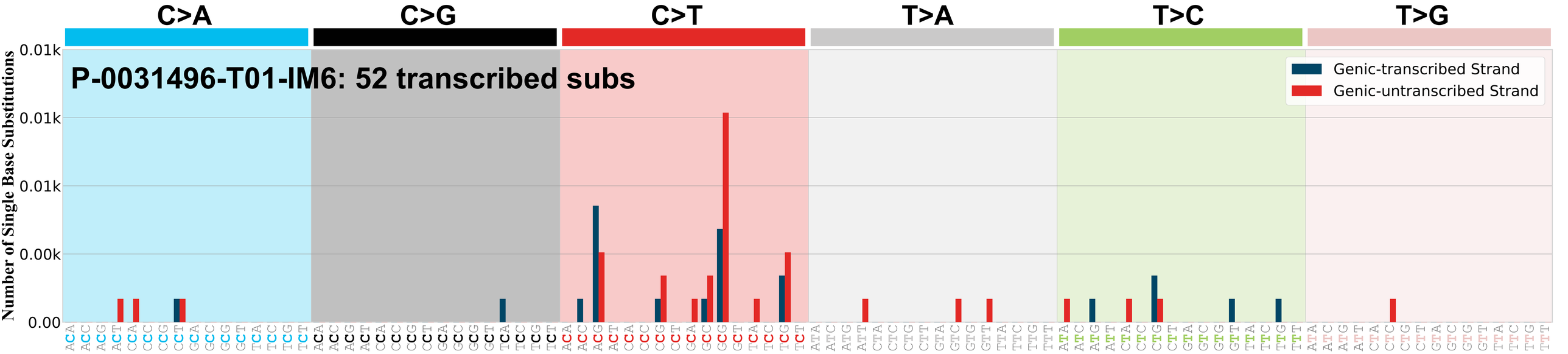

C>A
C>G
C>T
T>A
T>C
T>G
P-0030988-T01-IM6: 38 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

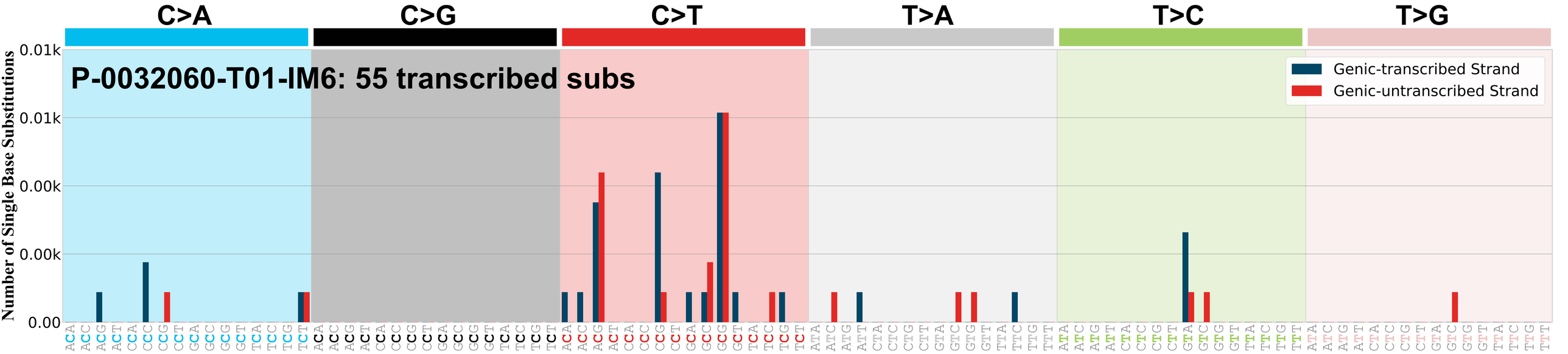

C>A
C>G
C>T
T>A
T>C
T>G
P-0031050-T01-IM6: 31 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

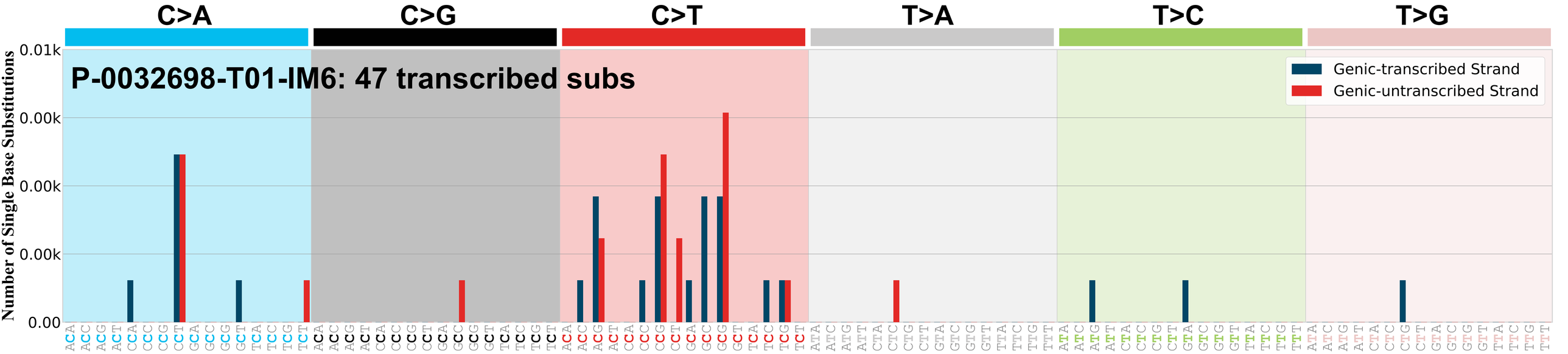

C>A
C>G
C>T
T>A
T>C
T>G
P-0031091-T01-IM6: 58 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00

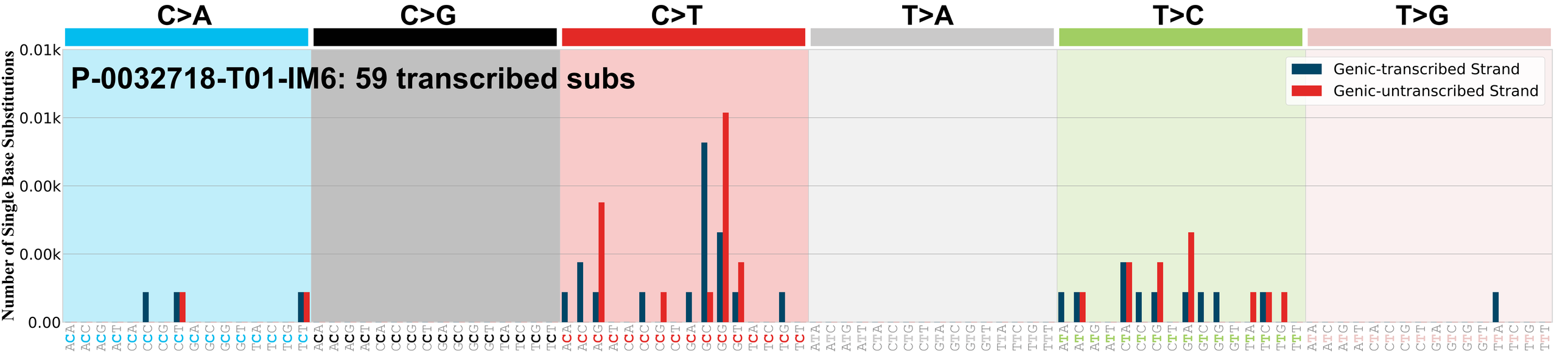

C>A
C>G
C>T
T>A
T>C
T>G
P-0031146-T01-IM6: 23 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

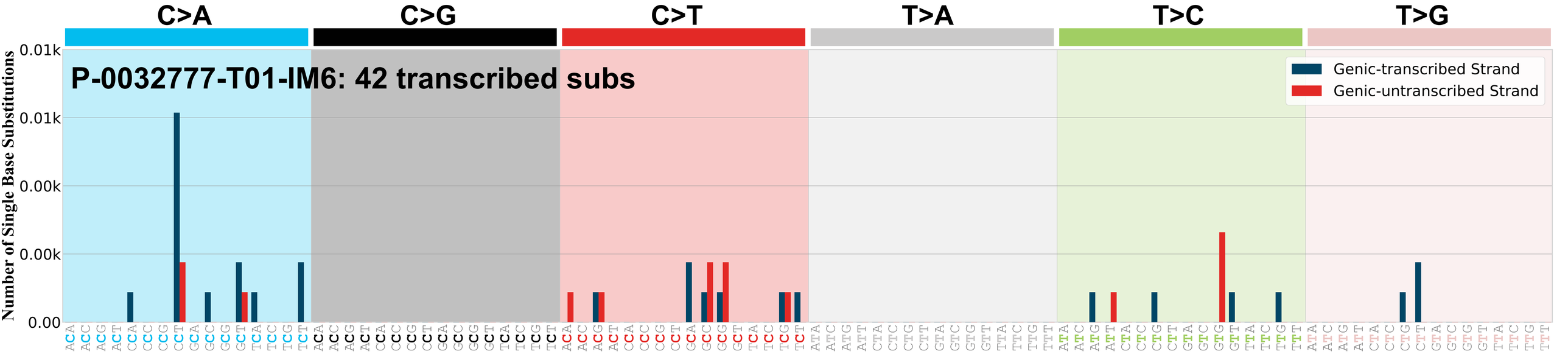

C>A
C>G
C>T
T>A
T>C
T>G
P-0031207-T01-IM6: 37 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

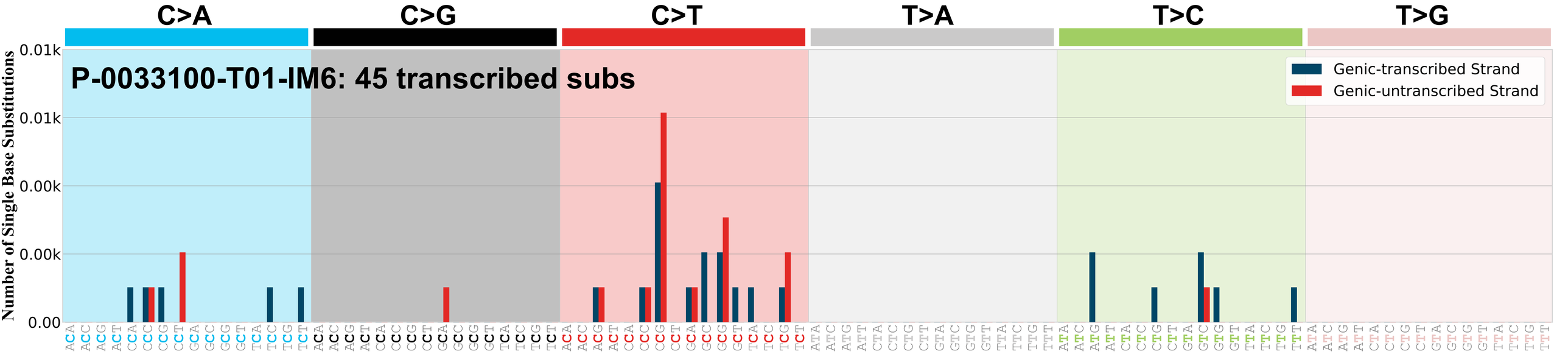

C>A
C>G
C>T
T>A
T>C
T>G
P-0031496-T01-IM6: 52 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

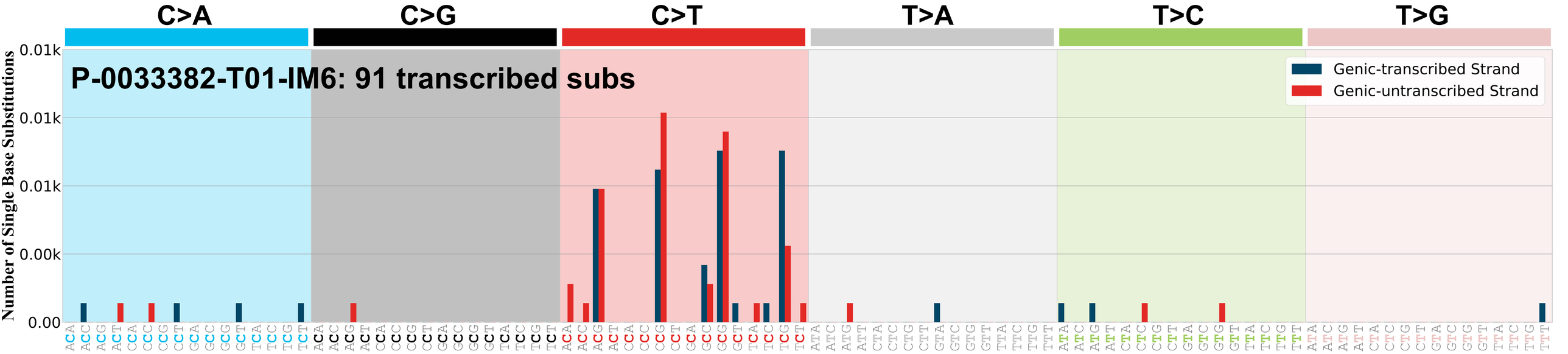

C>A
C>G
C>T
T>A
T>C
T>G
P-0032060-T01-IM6: 55 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

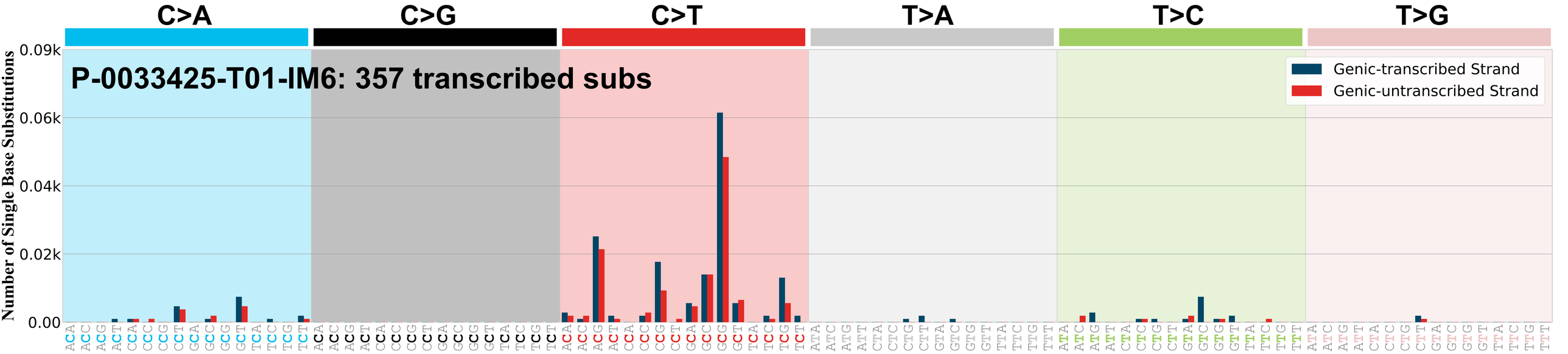

C>A
C>G
C>T
T>A
T>C
T>G
P-0032698-T01-IM6: 47 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

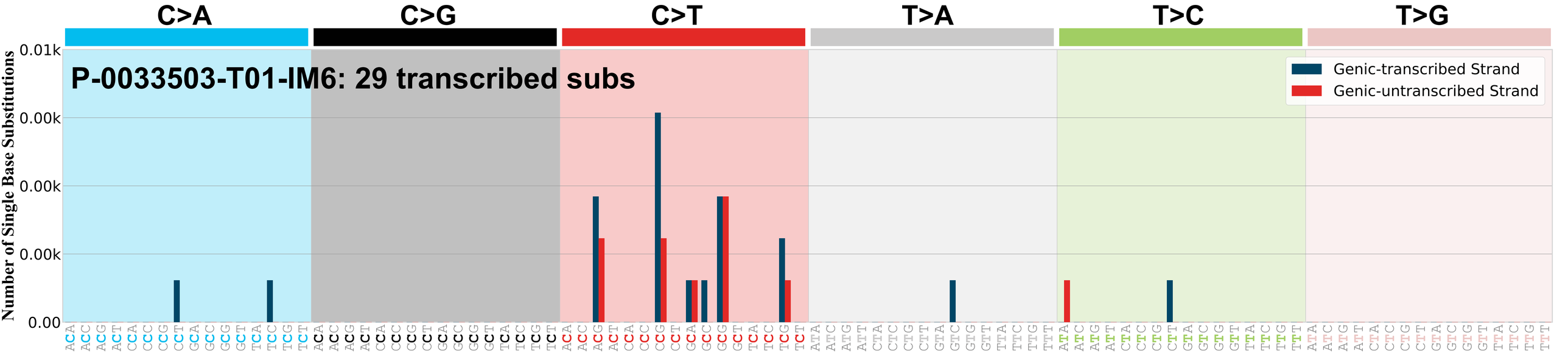

C>A
C>G
C>T
T>A
T>C
T>G
P-0032718-T01-IM6: 59 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

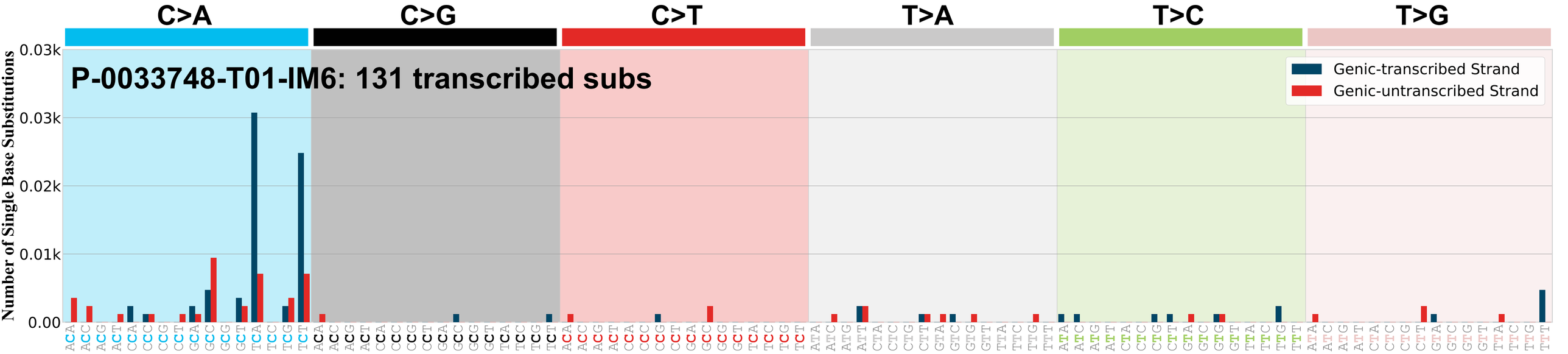

C>A
C>G
C>T
T>A
T>C
T>G
P-0032777-T01-IM6: 42 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

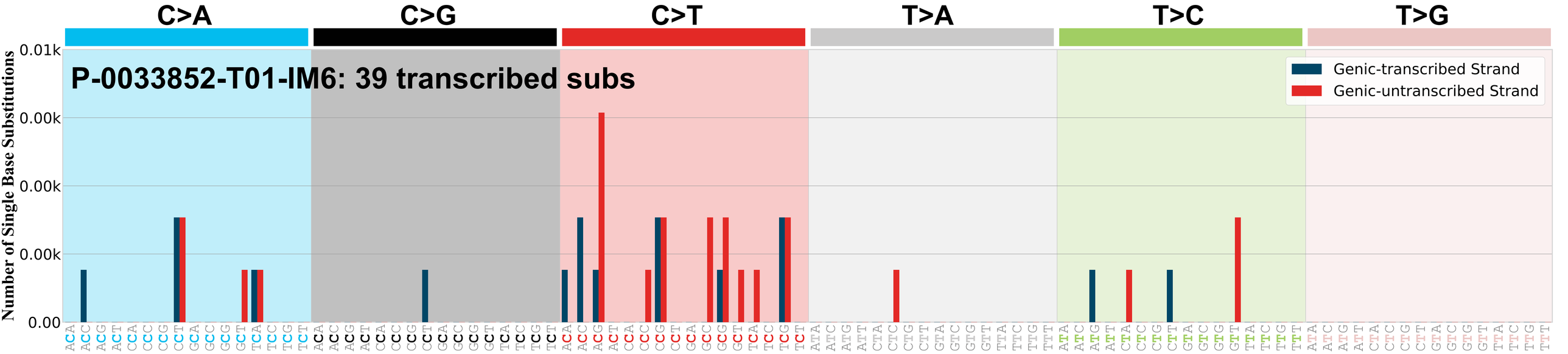

C>A
C>G
C>T
T>A
T>C
T>G
P-0033100-T01-IM6: 45 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

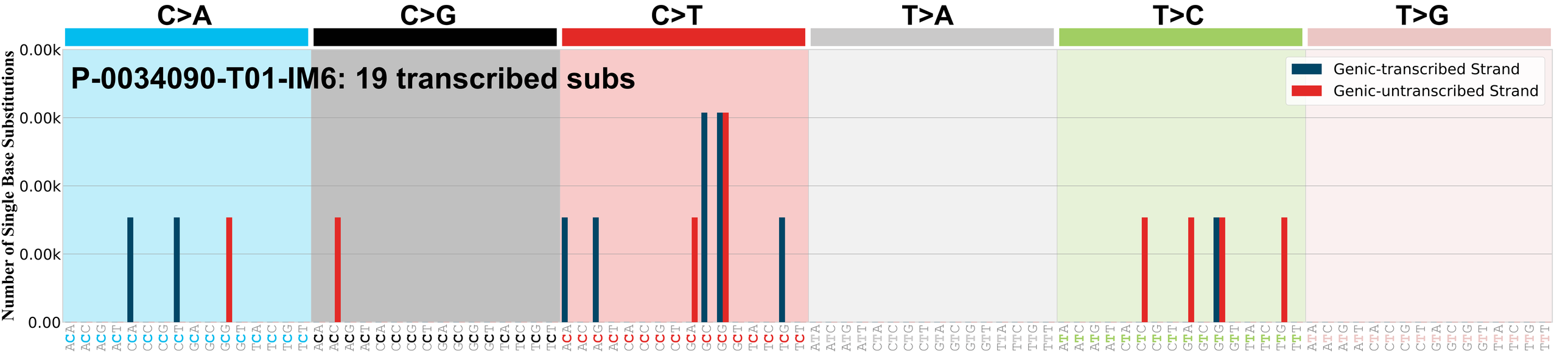

C>A
C>G
C>T
T>A
T>C
T>G
P-0033382-T01-IM6: 91 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

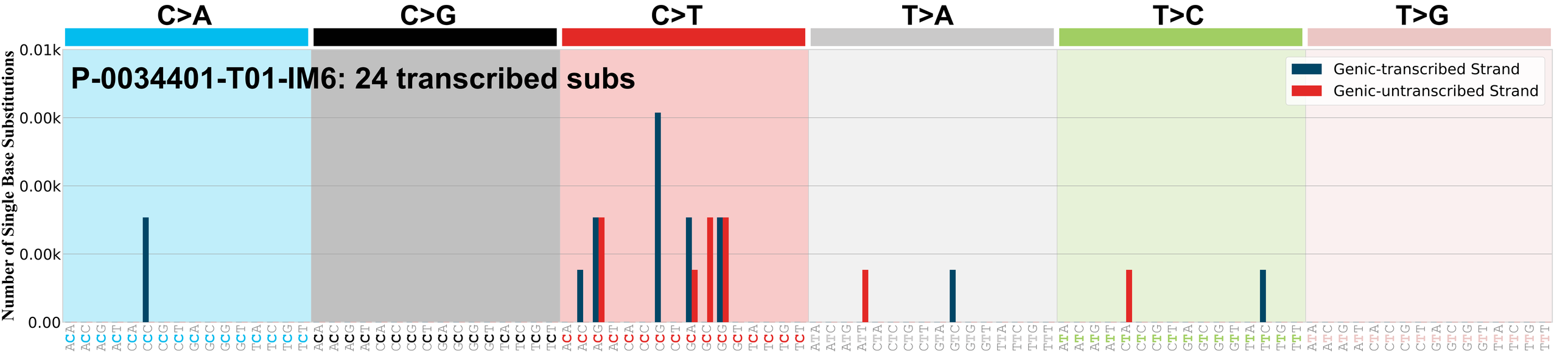

C>A
C>G
C>T
T>A
T>C
T>G
P-0033425-T01-IM6: 357 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.09k
0.06k
0.04k
0.02k
0.00

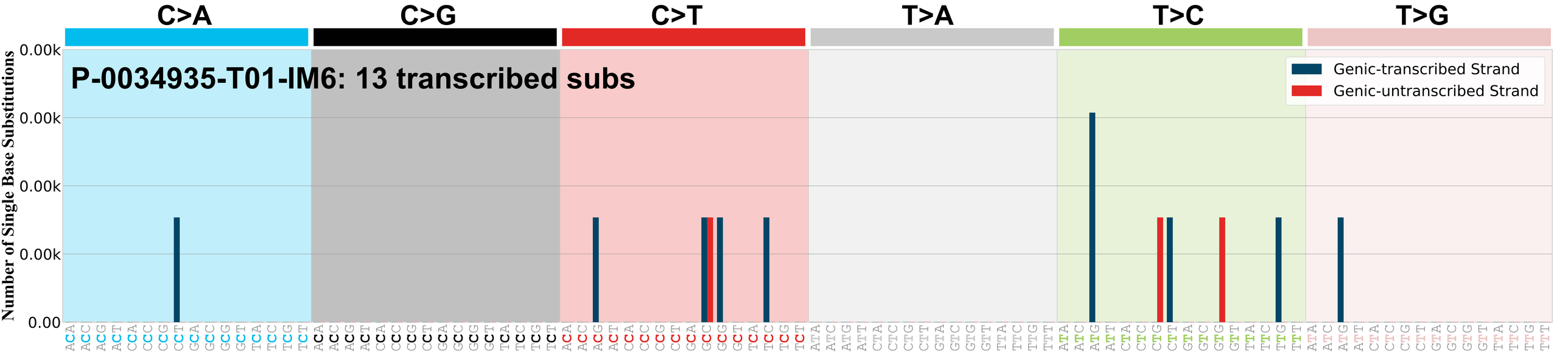

C>A
C>G
C>T
T>A
T>C
T>G
P-0033503-T01-IM6: 29 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

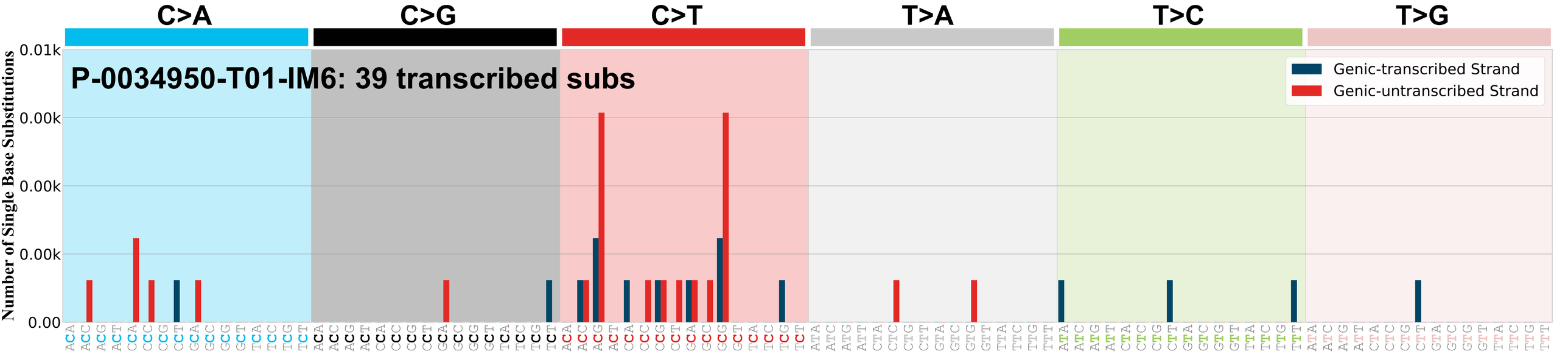

C>A
C>G
C>T
T>A
T>C
T>G
P-0033748-T01-IM6: 131 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.03k
0.03k
0.02k
0.01k
0.00

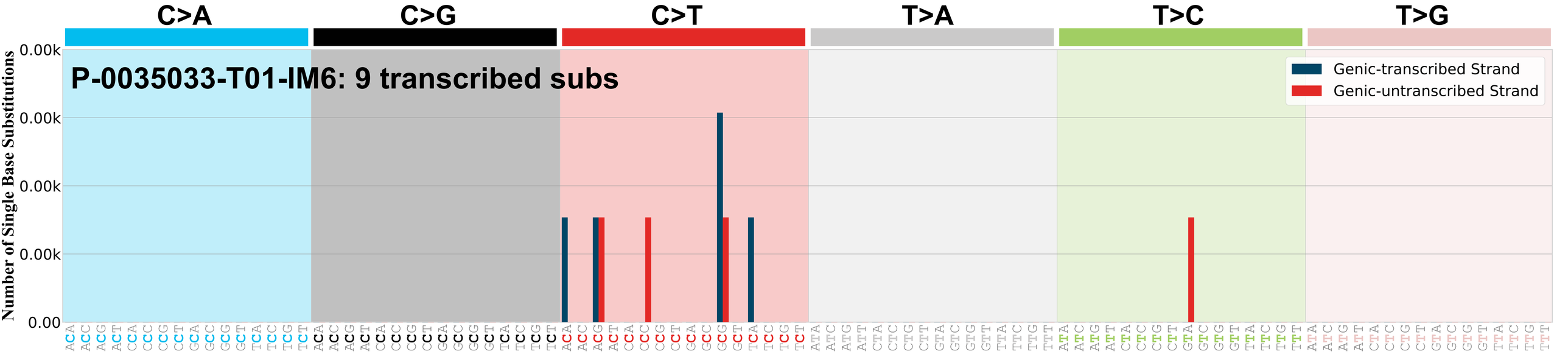

C>A
C>G
C>T
T>A
T>C
T>G
P-0033852-T01-IM6: 39 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

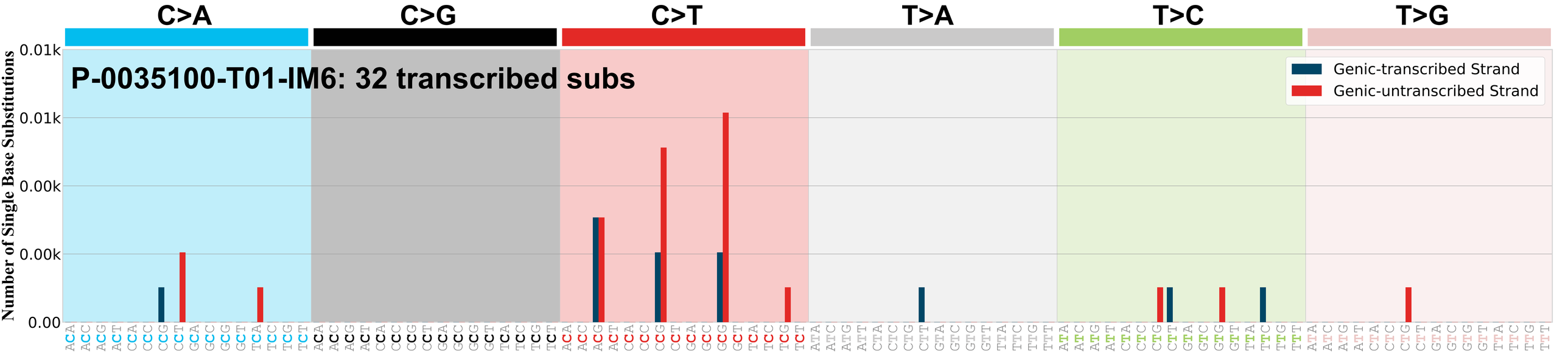

C>A
C>G
C>T
T>A
T>C
T>G
P-0034090-T01-IM6: 19 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

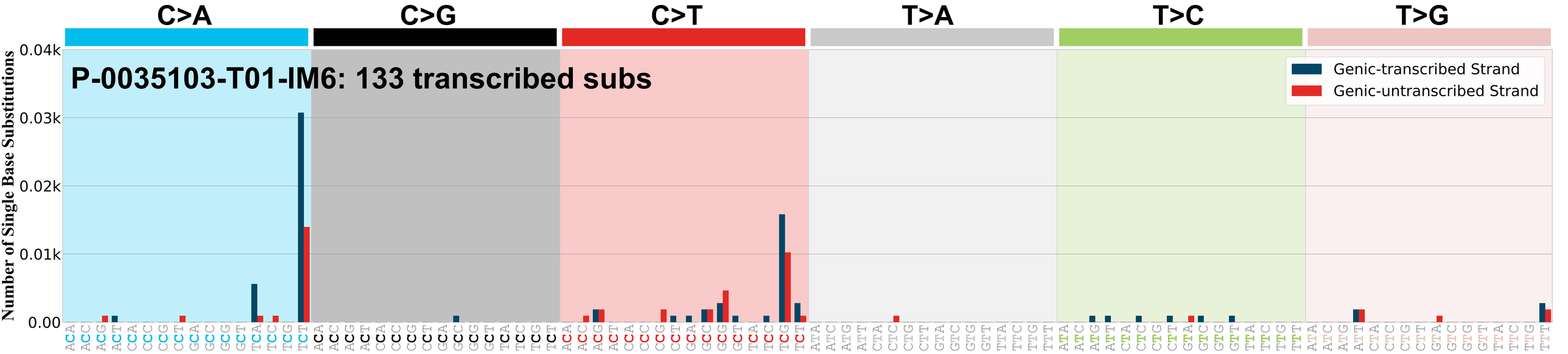

C>A
C>G
C>T
T>A
T>C
T>G
P-0034401-T01-IM6: 24 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

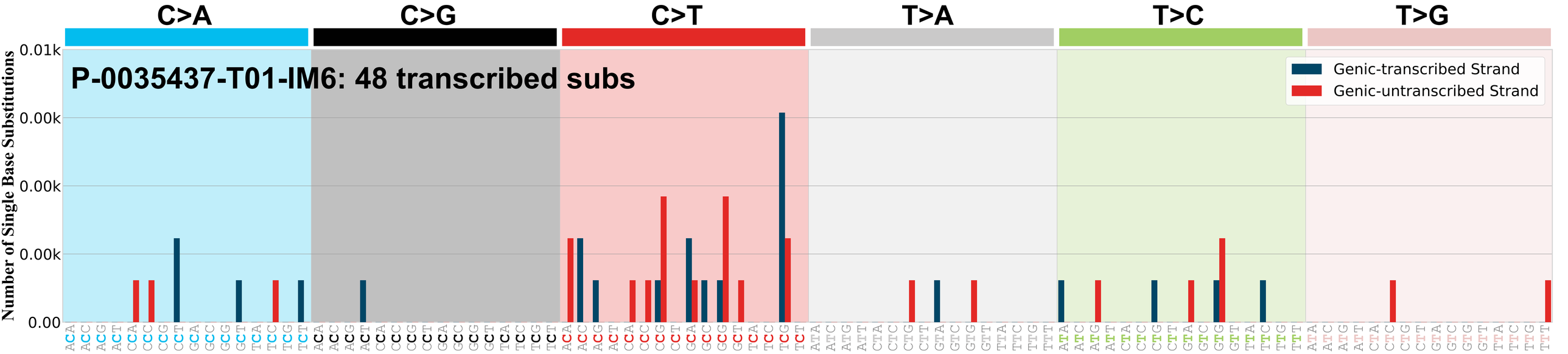

C>A
C>G
C>T
T>A
T>C
T>G
P-0034935-T01-IM6: 13 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

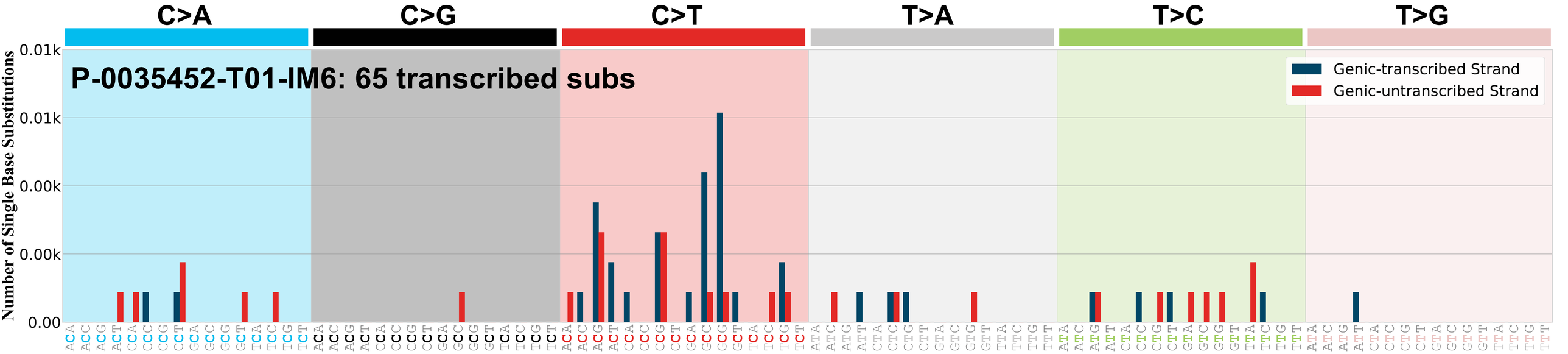

C>A
C>G
C>T
T>A
T>C
T>G
P-0034950-T01-IM6: 39 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

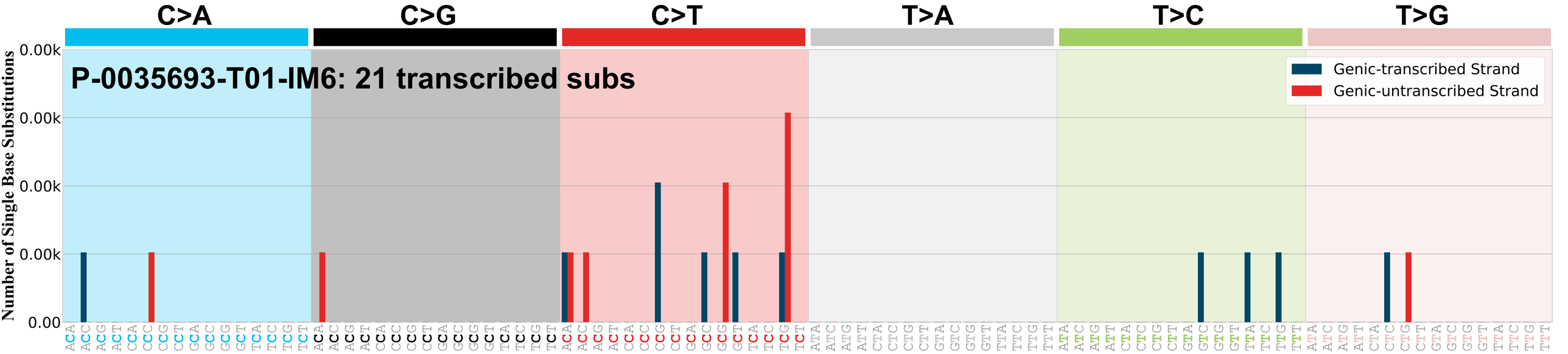

C>A
C>G
C>T
T>A
T>C
T>G
P-0035033-T01-IM6: 9 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

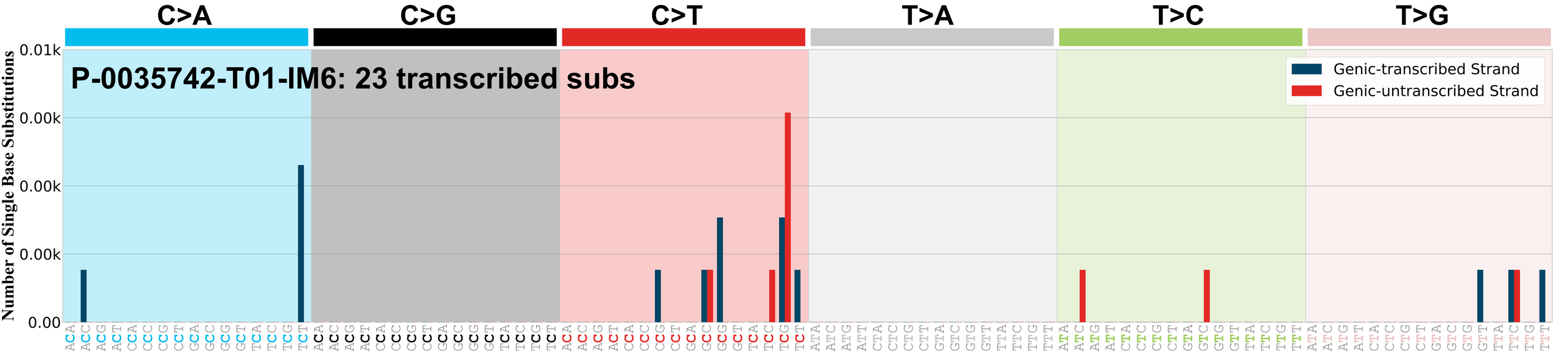

C>A
C>G
C>T
T>A
T>C
T>G
P-0035100-T01-IM6: 32 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

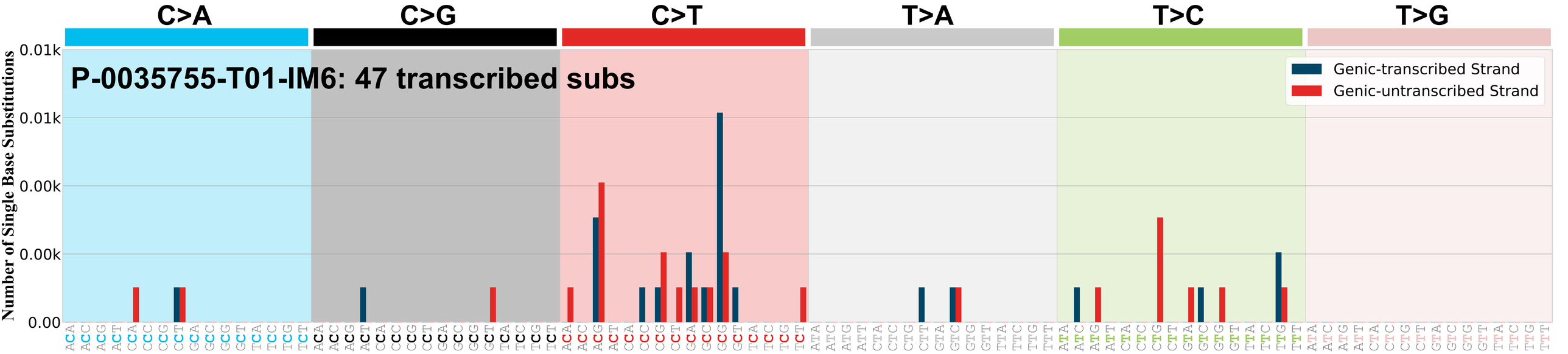

C>A
C>G
C>T
T>A
T>C
T>G
P-0035103-T01-IM6: 133 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.04k
0.03k
0.02k
0.01k
0.00

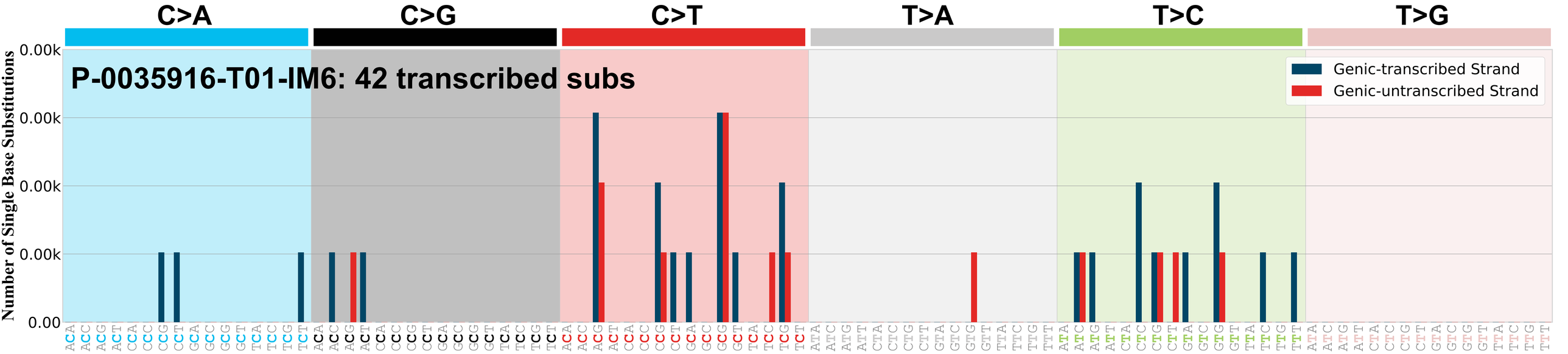

C>A
C>G
C>T
T>A
T>C
T>G
P-0035437-T01-IM6: 48 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

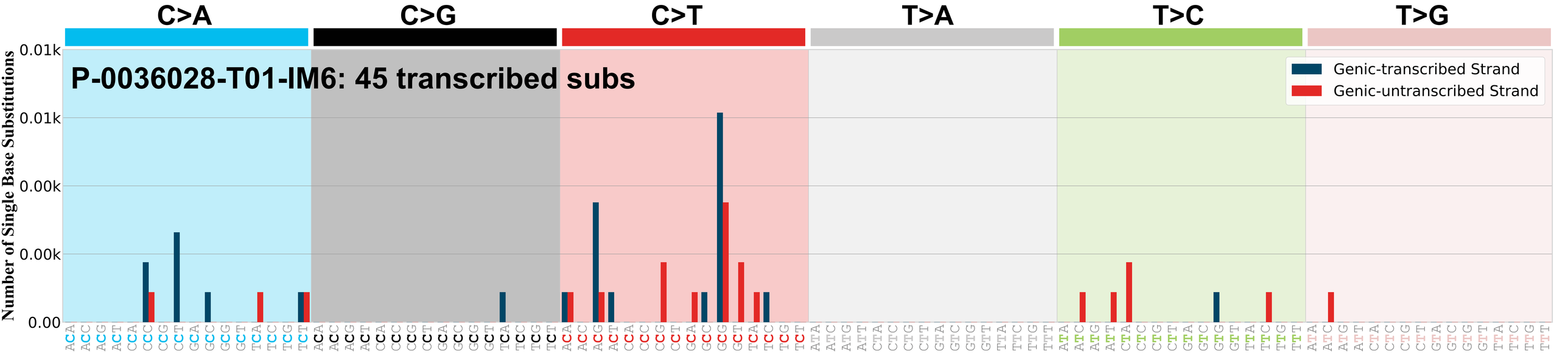

C>A
C>G
C>T
T>A
T>C
T>G
P-0035452-T01-IM6: 65 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

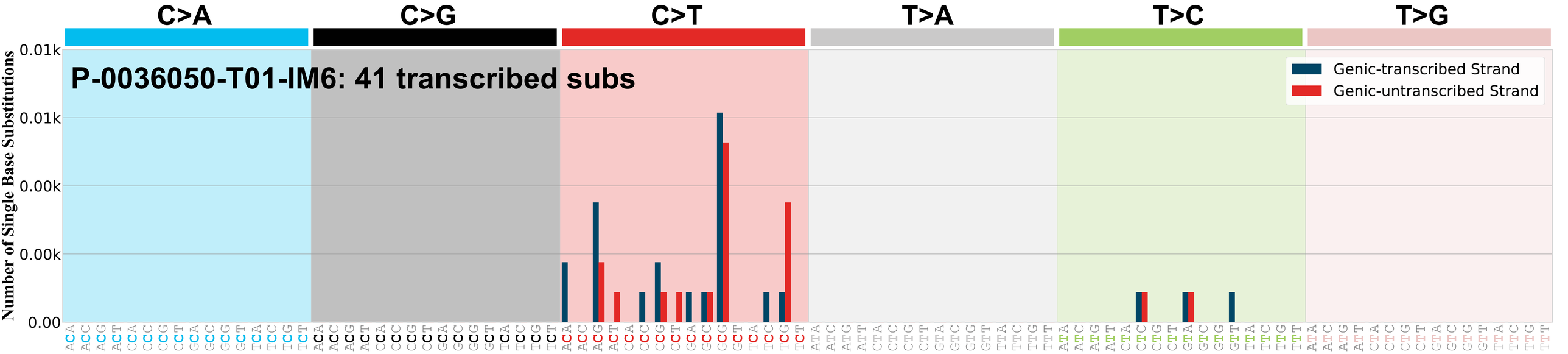

C>A
C>G
C>T
T>A
T>C
T>G
P-0035693-T01-IM6: 21 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

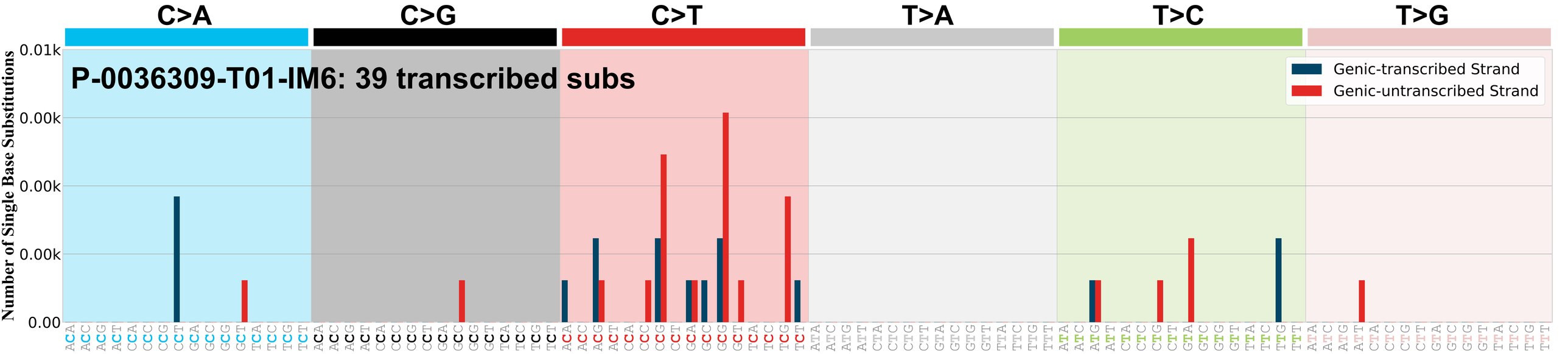

C>A
C>G
C>T
T>A
T>C
T>G
P-0035742-T01-IM6: 23 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

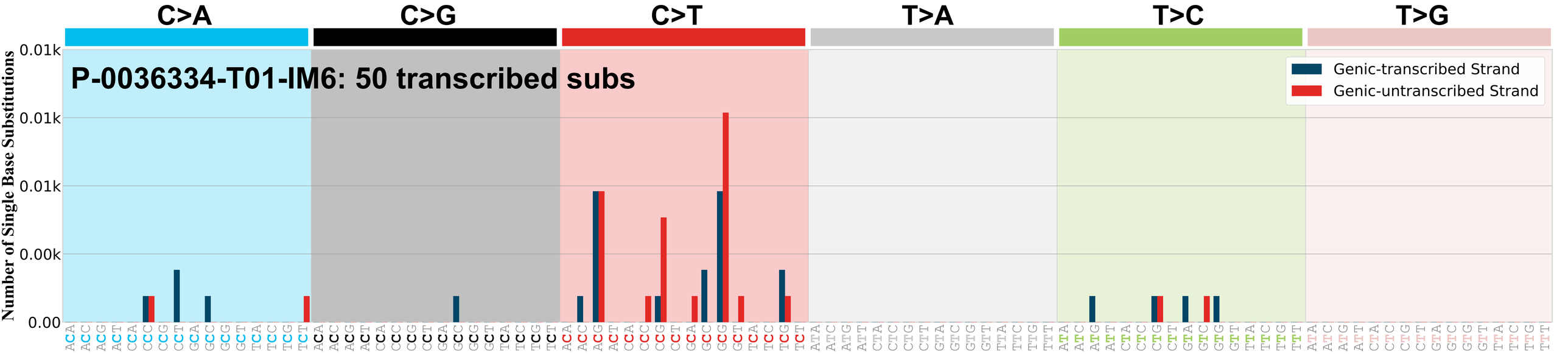

C>A
C>G
C>T
T>A
T>C
T>G
P-0035755-T01-IM6: 47 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

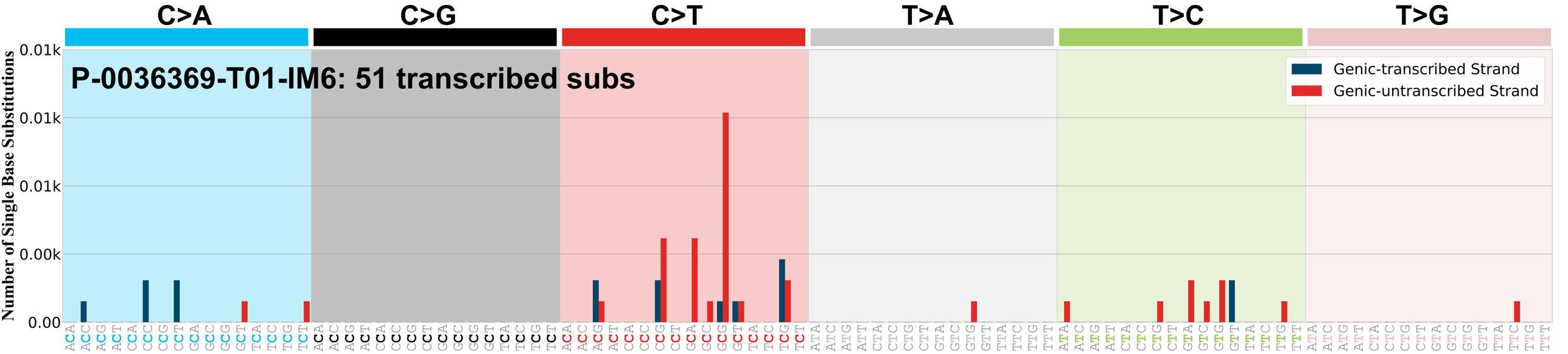

C>A
C>G
C>T
T>A
T>C
T>G
P-0035916-T01-IM6: 42 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT

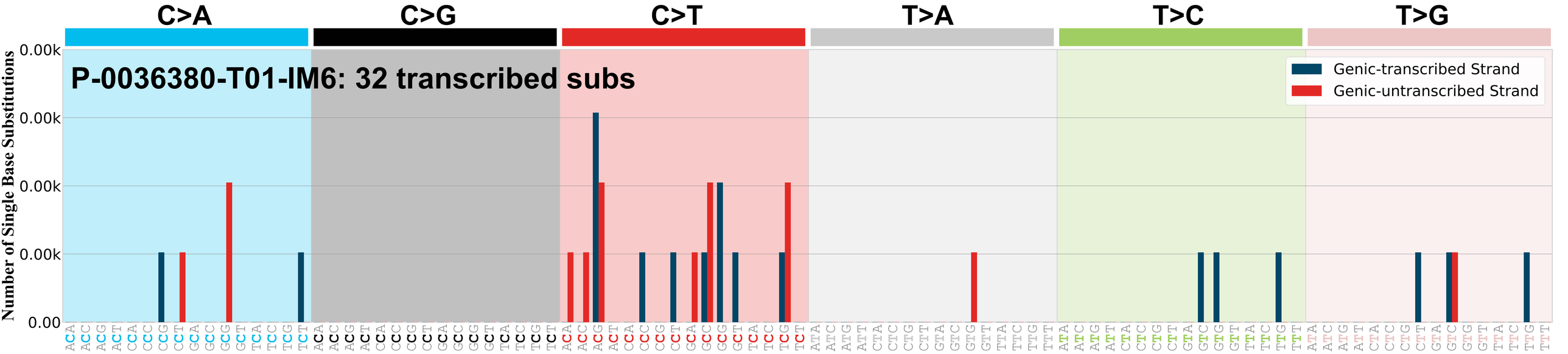

C>A
C>G
C>T
T>A
T>C
T>G
P-0036028-T01-IM6: 45 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

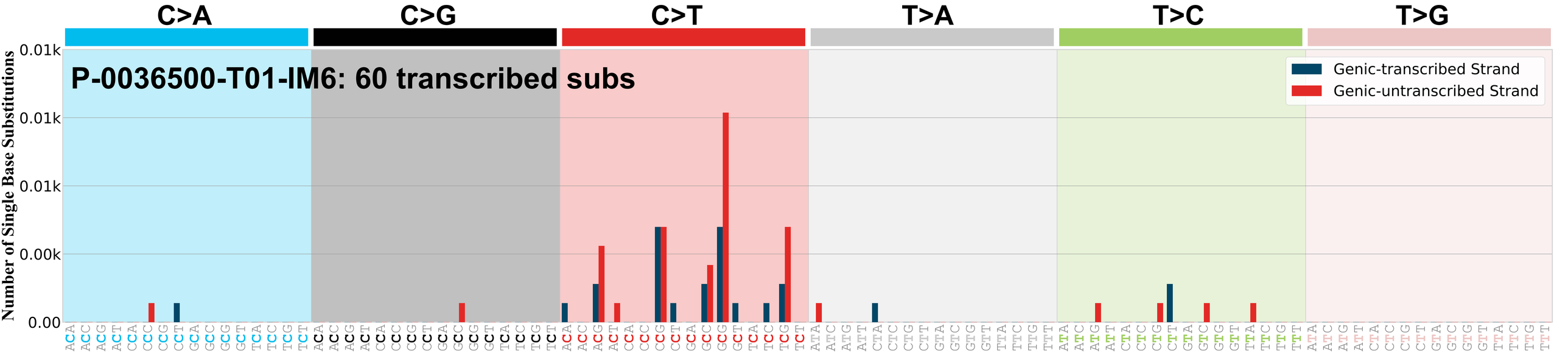

C>A
C>G
C>T
T>A
T>C
T>G
P-0036050-T01-IM6: 41 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

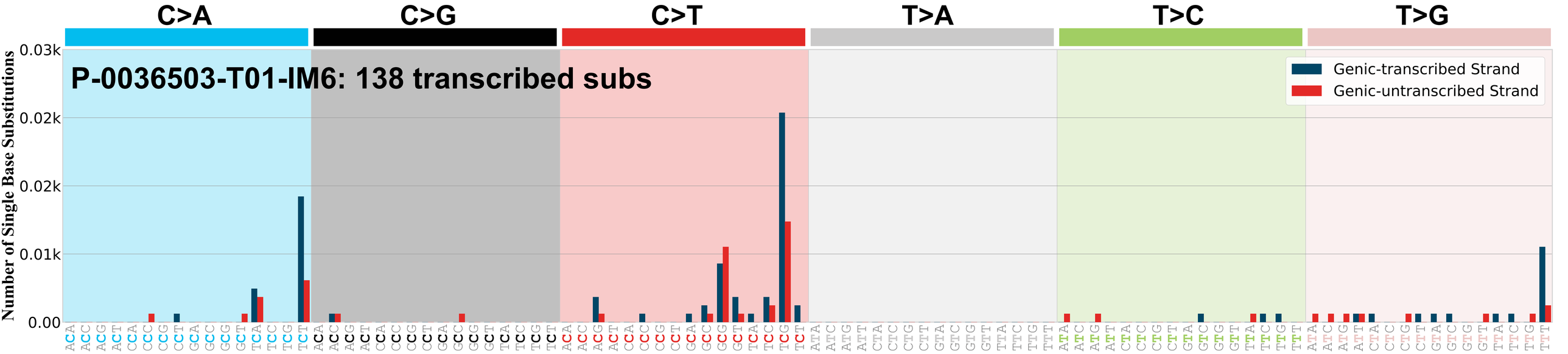

C>A
C>G
C>T
T>A
T>C
T>G
P-0036309-T01-IM6: 39 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

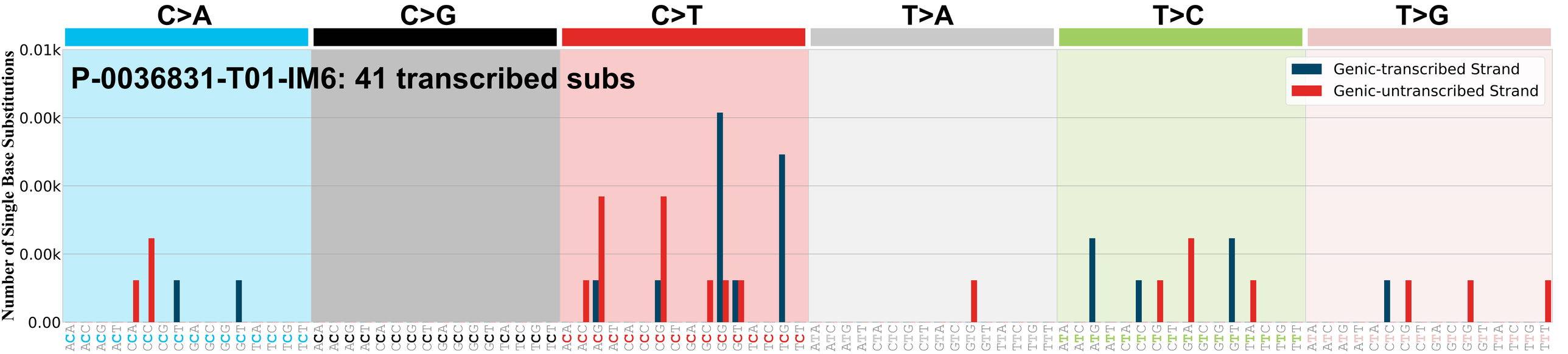

C>A
C>G
C>T
T>A
T>C
T>G
P-0036334-T01-IM6: 50 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

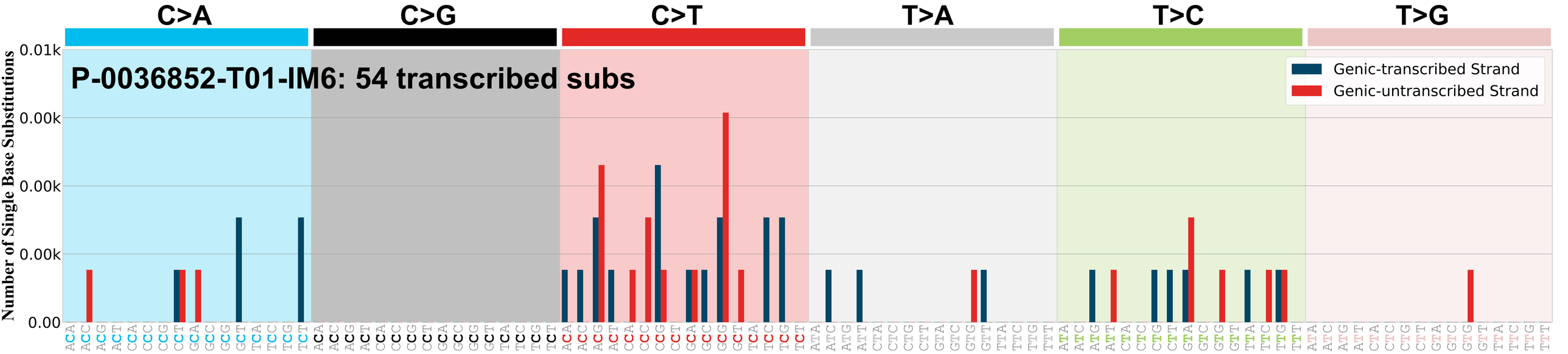

C>A
C>G
C>T
T>A
T>C
T>G
P-0036369-T01-IM6: 51 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

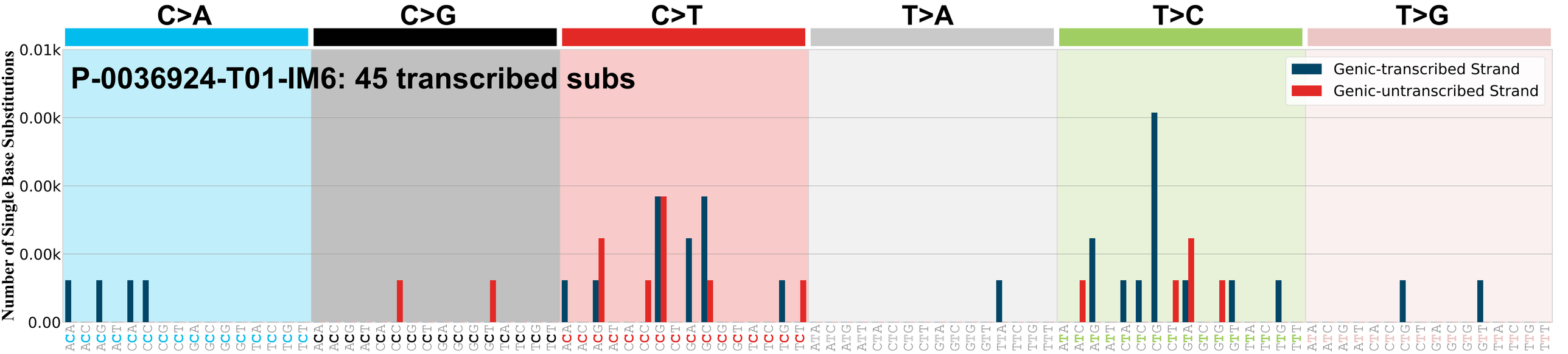

C>A
C>G
C>T
T>A
T>C
T>G
P-0036380-T01-IM6: 32 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

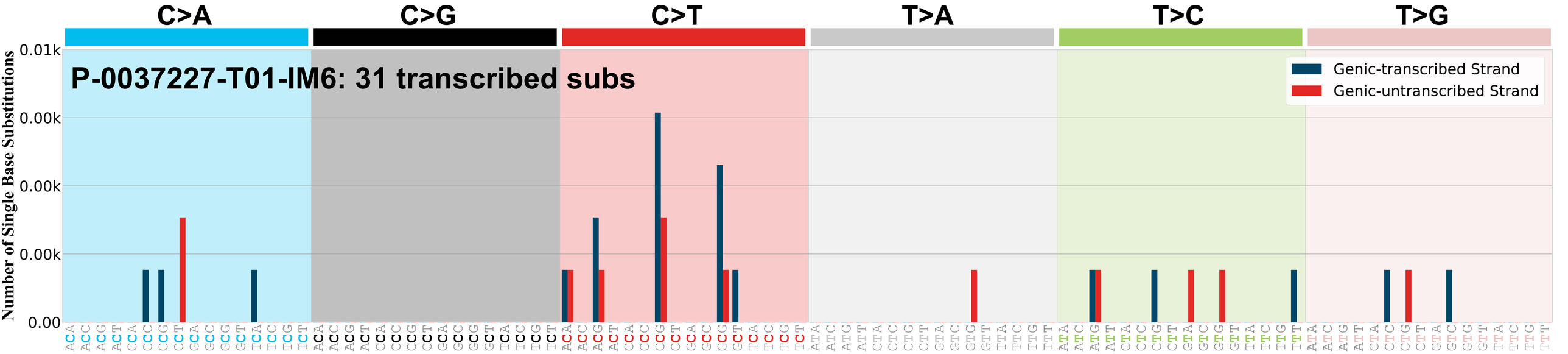

C>A
C>G
C>T
T>A
T>C
T>G
P-0036500-T01-IM6: 60 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

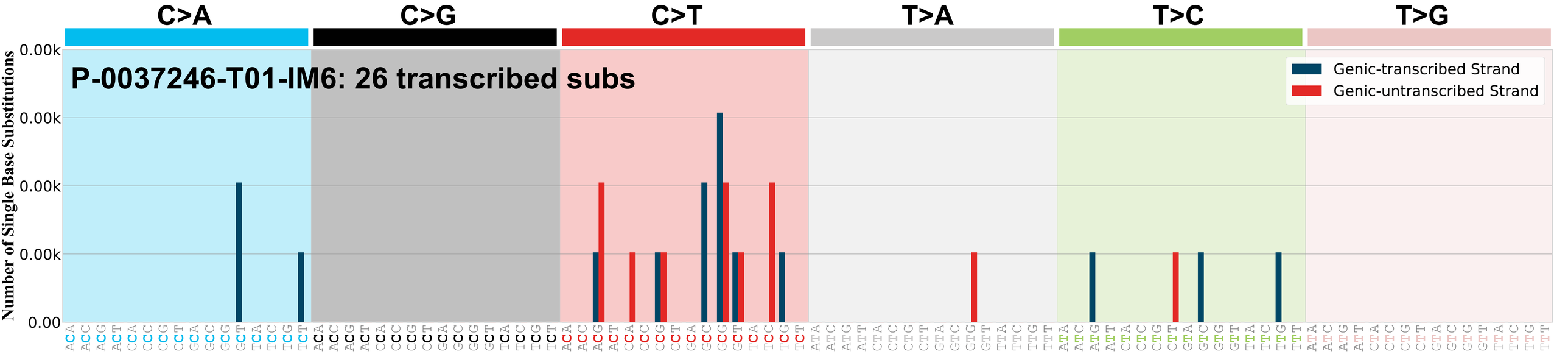

C>A
C>G
C>T
T>A
T>C
T>G
P-0036503-T01-IM6: 138 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.03k
0.02k
0.02k
0.01k
0.00

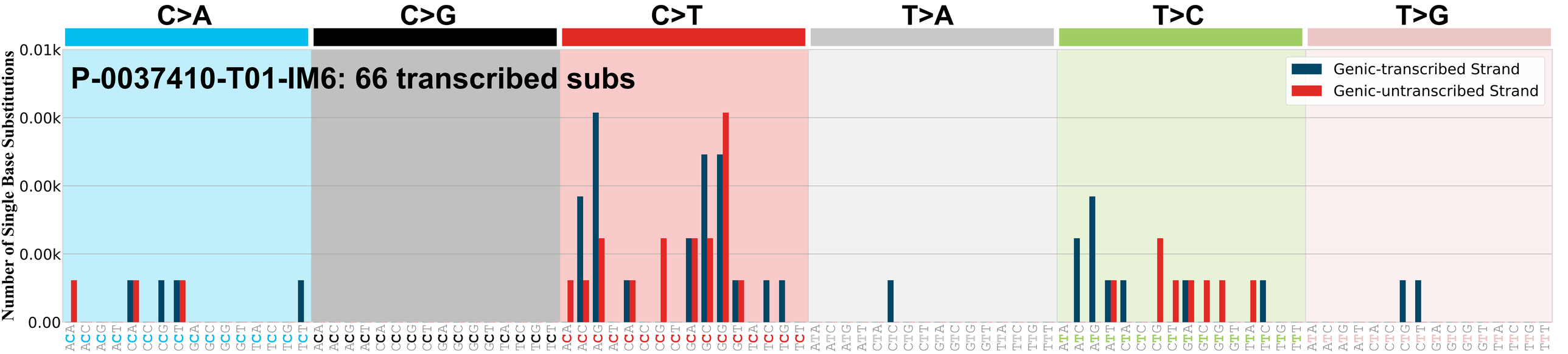

C>A
C>G
C>T
T>A
T>C
T>G
P-0036831-T01-IM6: 41 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

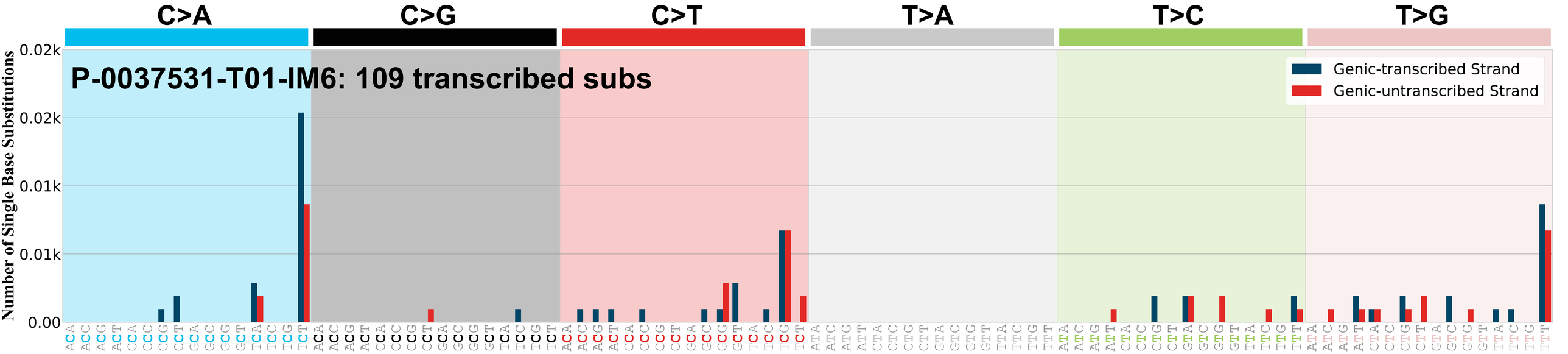

C>A
C>G
C>T
T>A
T>C
T>G
P-0036852-T01-IM6: 54 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

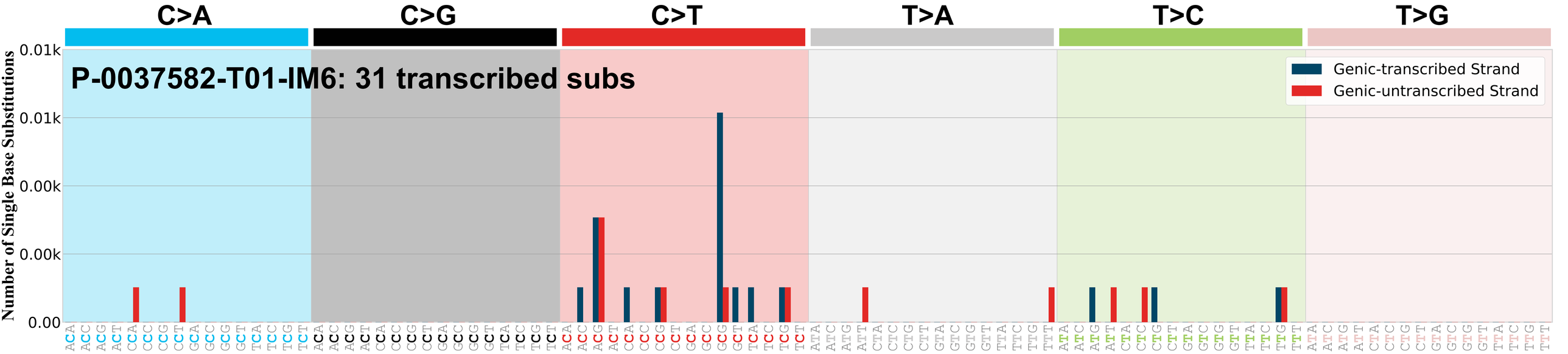

C>A
C>G
C>T
T>A
T>C
T>G
P-0036924-T01-IM6: 45 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

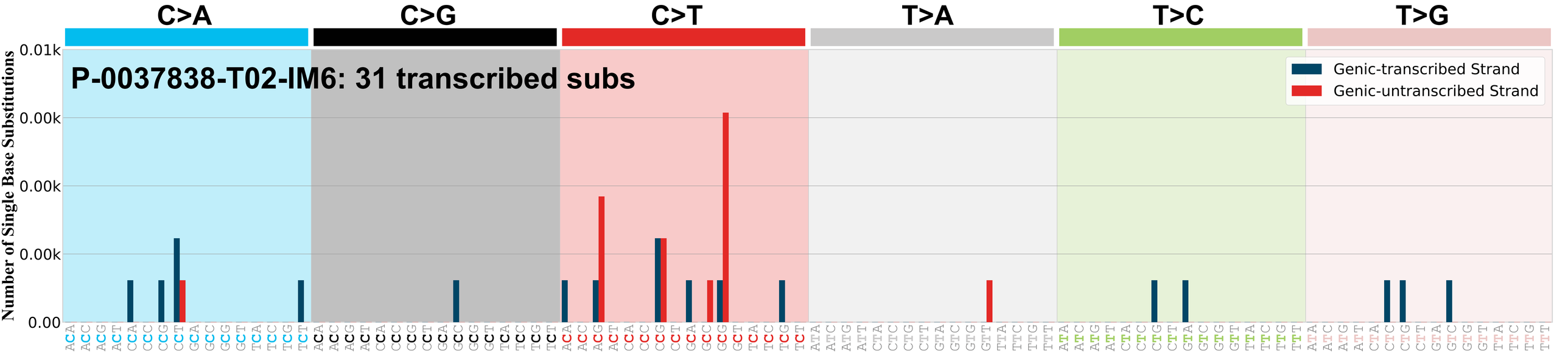

C>A
C>G
C>T
T>A
T>C
T>G
P-0037227-T01-IM6: 31 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

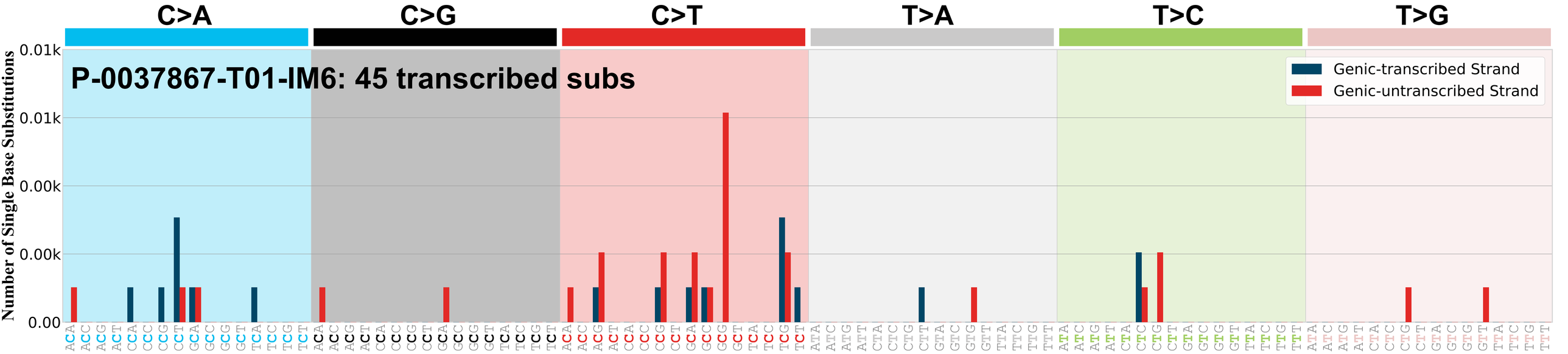

C>A
C>G
C>T
T>A
T>C
T>G
P-0037246-T01-IM6: 26 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

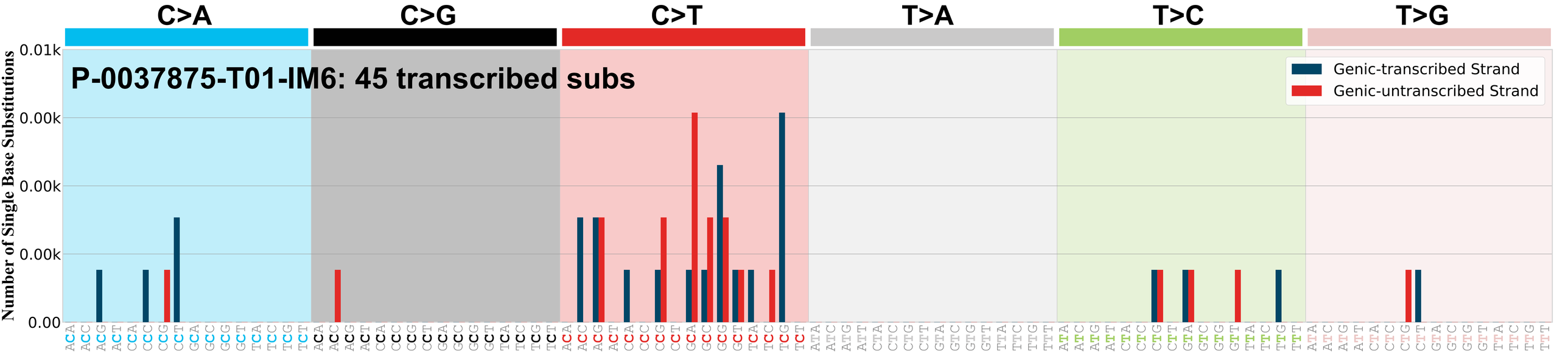

C>A
C>G
C>T
T>A
T>C
T>G
P-0037410-T01-IM6: 66 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT

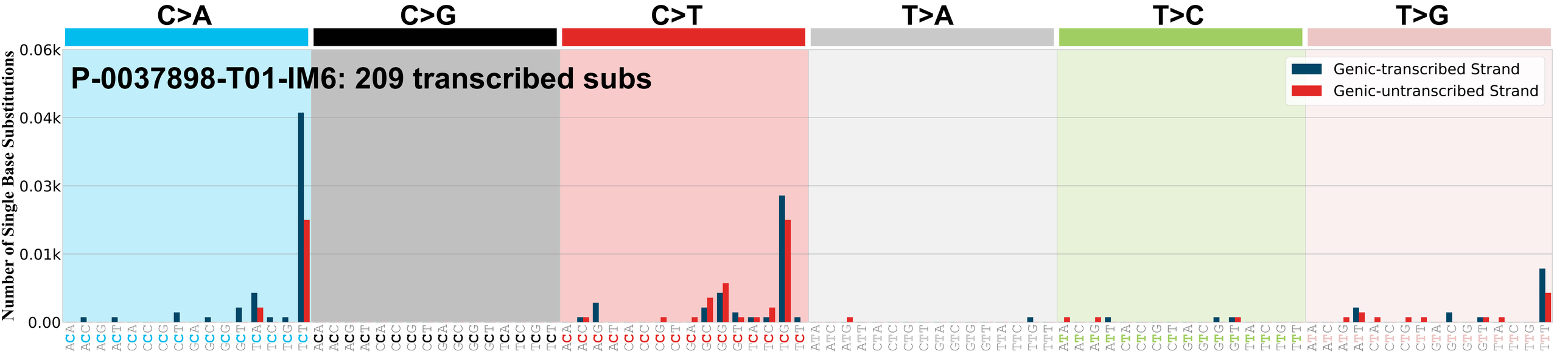

C>A
C>G
C>T
T>A
T>C
T>G
P-0037531-T01-IM6: 109 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.02k
0.02k
0.01k
0.01k
0.00

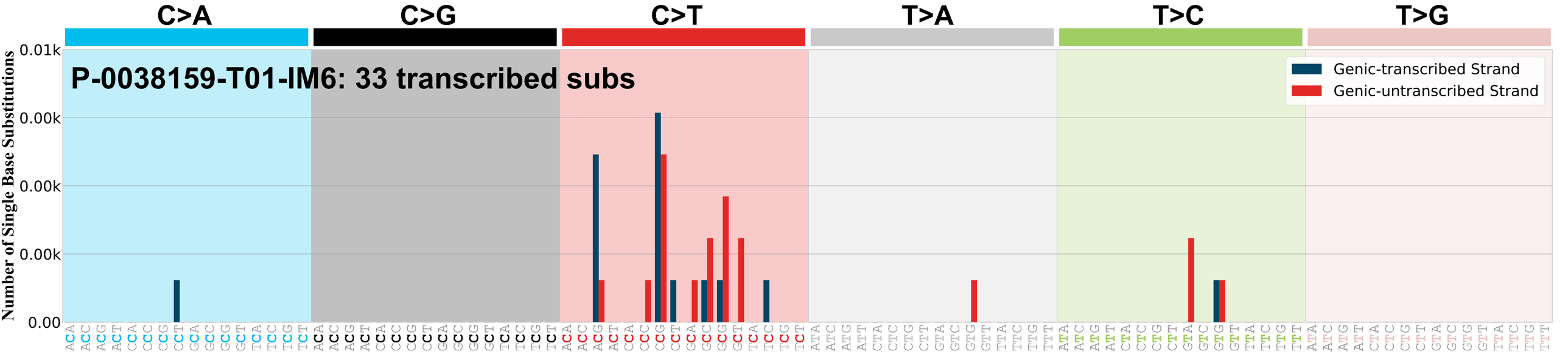

C>A
C>G
C>T
T>A
T>C
T>G
P-0037582-T01-IM6: 31 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

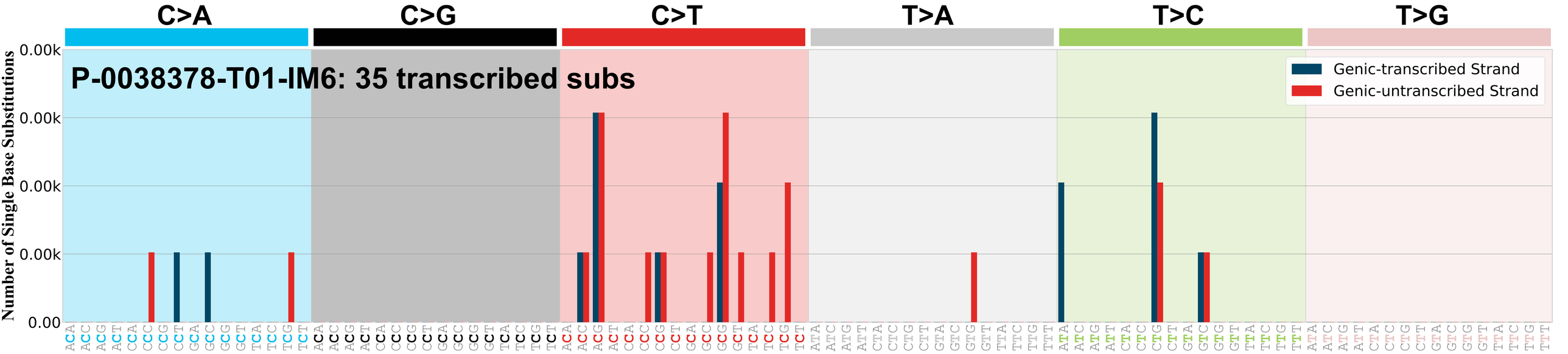

C>A
C>G
C>T
T>A
T>C
T>G
P-0037838-T02-IM6: 31 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

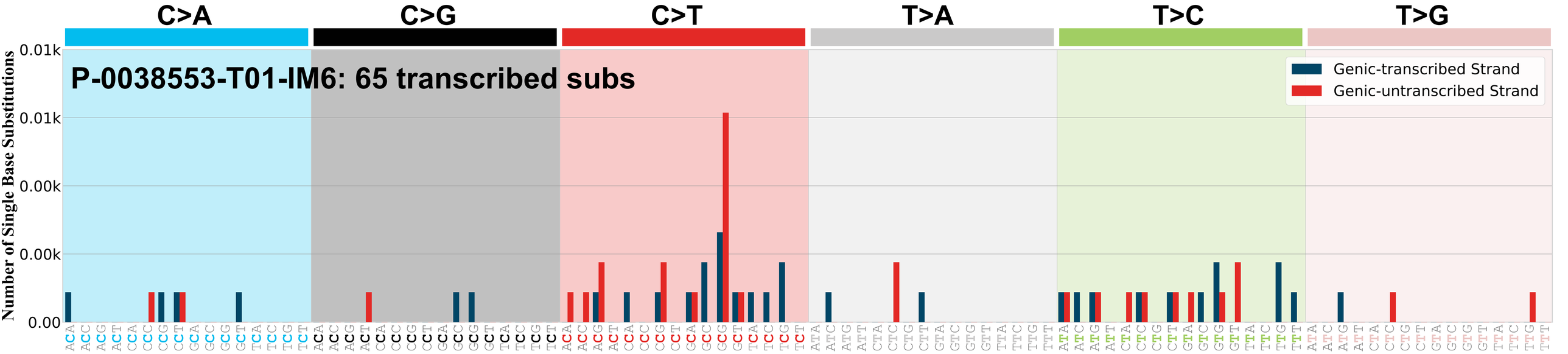

C>A
C>G
C>T
T>A
T>C
T>G
P-0037867-T01-IM6: 45 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

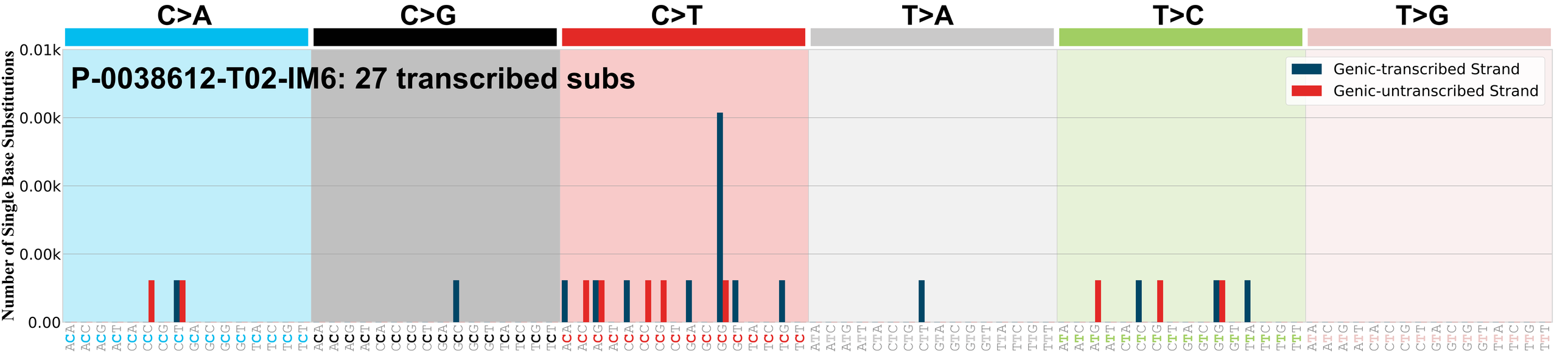

C>A
C>G
C>T
T>A
T>C
T>G
P-0037875-T01-IM6: 45 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

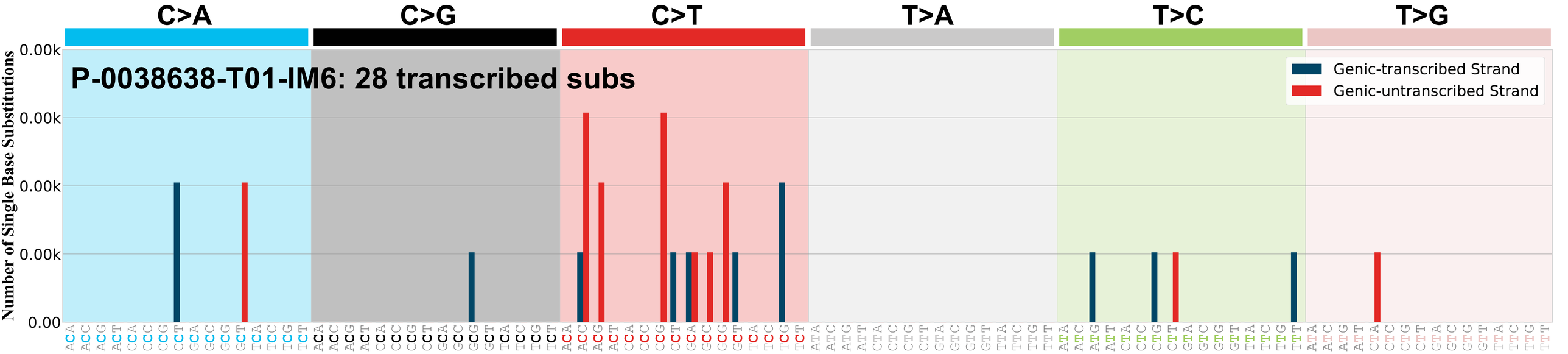

C>A
C>G
C>T
T>A
T>C
T>G
P-0037898-T01-IM6: 209 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.06k
0.04k
0.03k
0.01k
0.00

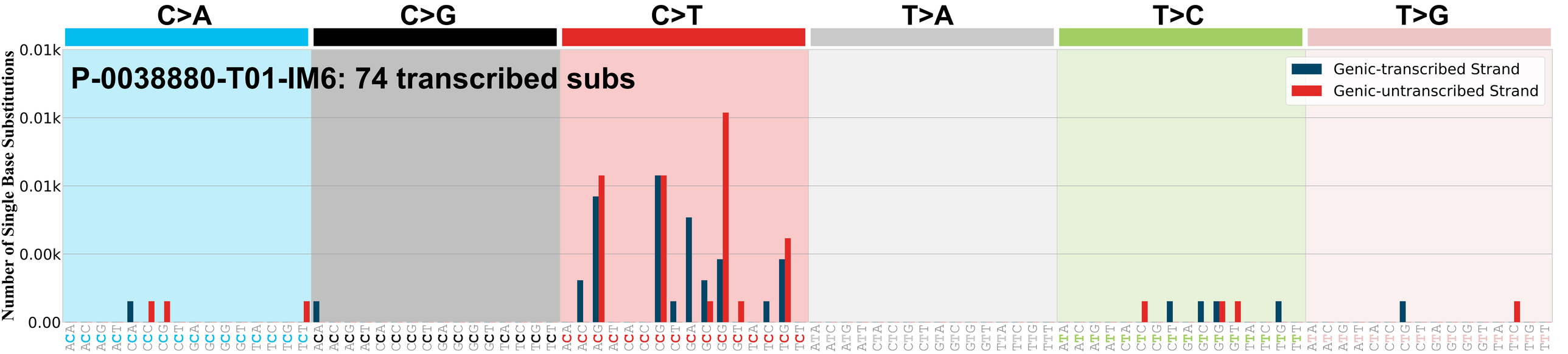

C>A
C>G
C>T
T>A
T>C
T>G
P-0038159-T01-IM6: 33 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

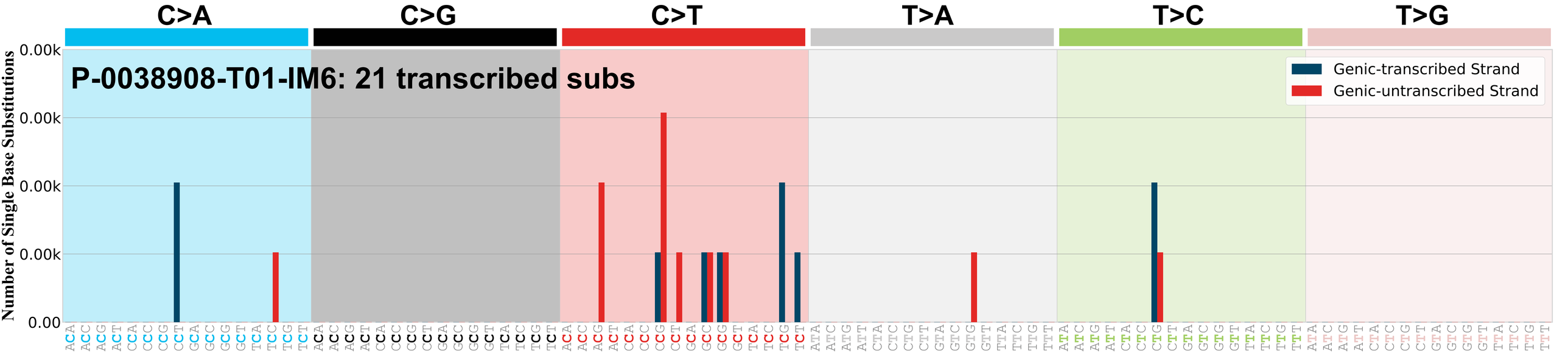

C>A
C>G
C>T
T>A
T>C
T>G
P-0038378-T01-IM6: 35 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

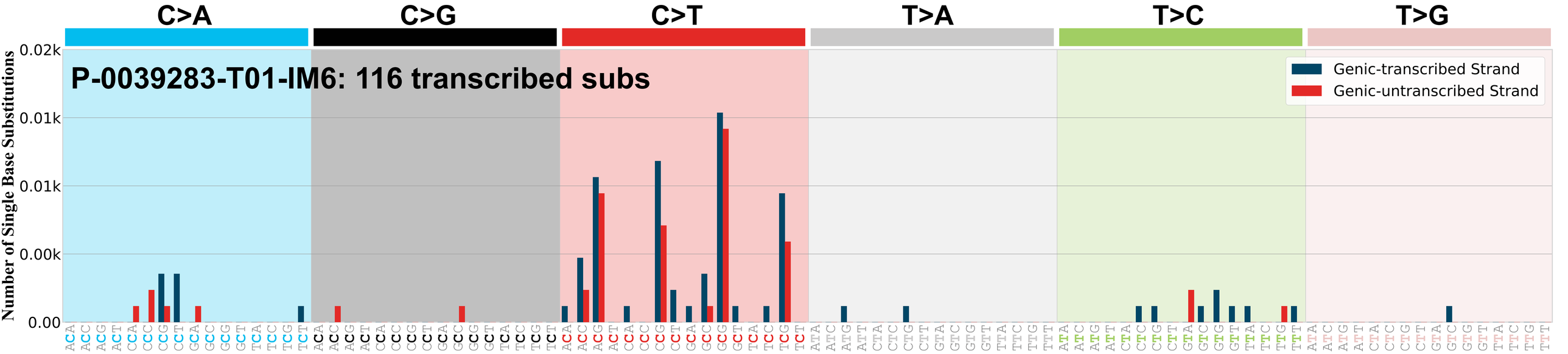

C>A
C>G
C>T
T>A
T>C
T>G
P-0038553-T01-IM6: 65 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

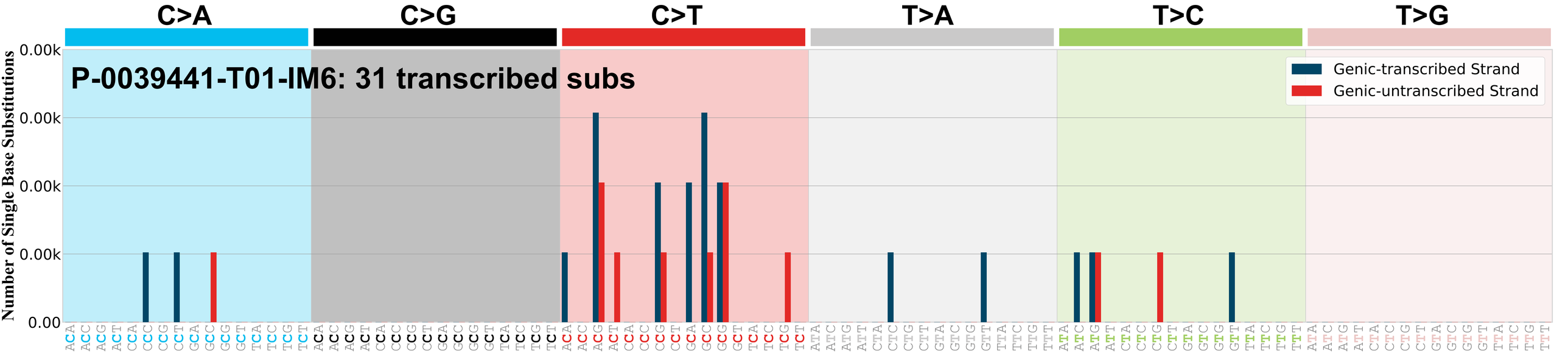

C>A
C>G
C>T
T>A
T>C
T>G
P-0038612-T02-IM6: 27 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

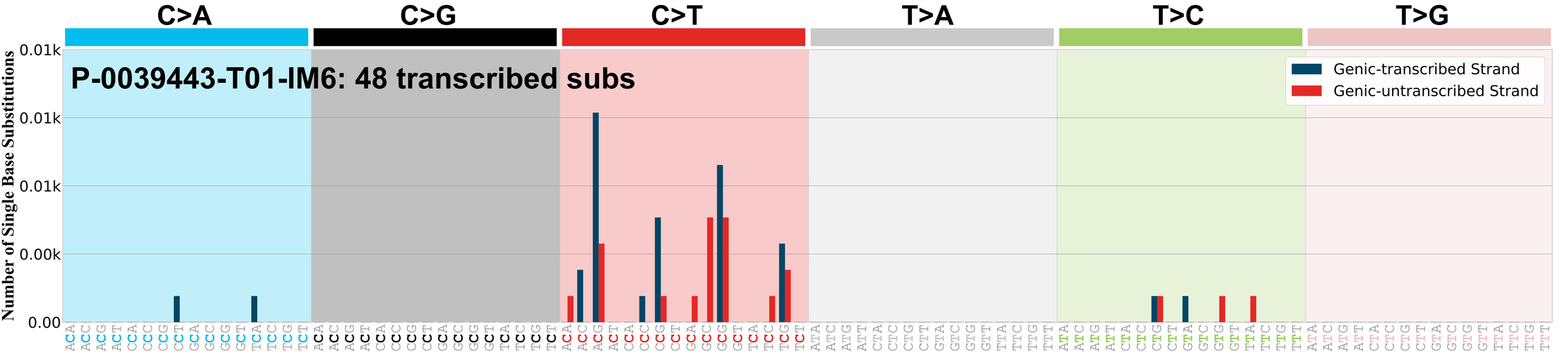

C>A
C>G
C>T
T>A
T>C
T>G
P-0038638-T01-IM6: 28 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

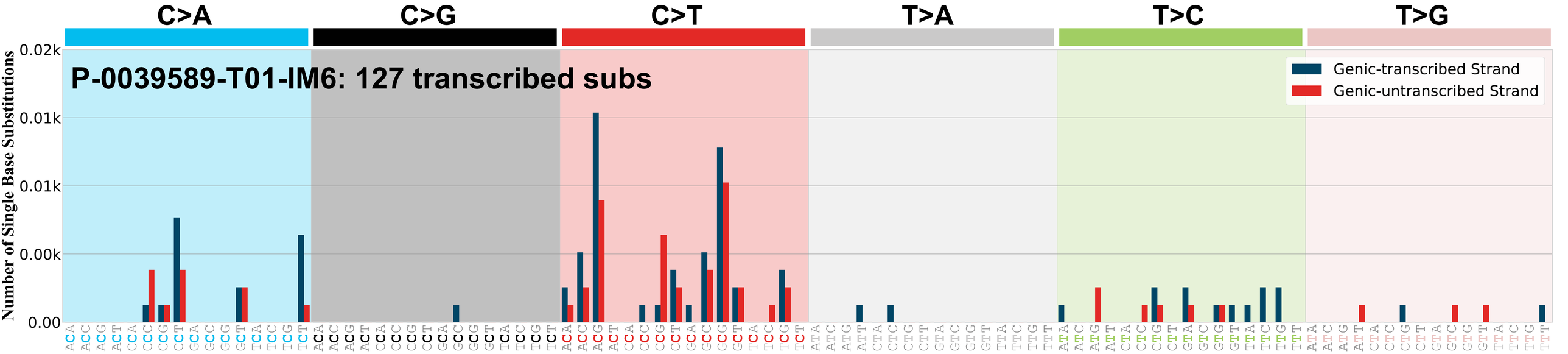

C>A
C>G
C>T
T>A
T>C
T>G
P-0038880-T01-IM6: 74 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

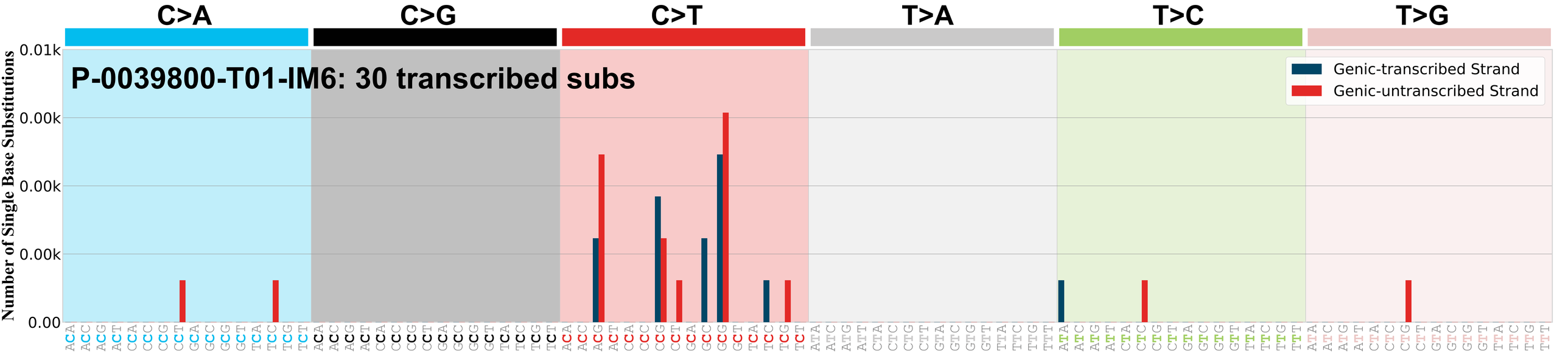

C>A
C>G
C>T
T>A
T>C
T>G
P-0038908-T01-IM6: 21 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

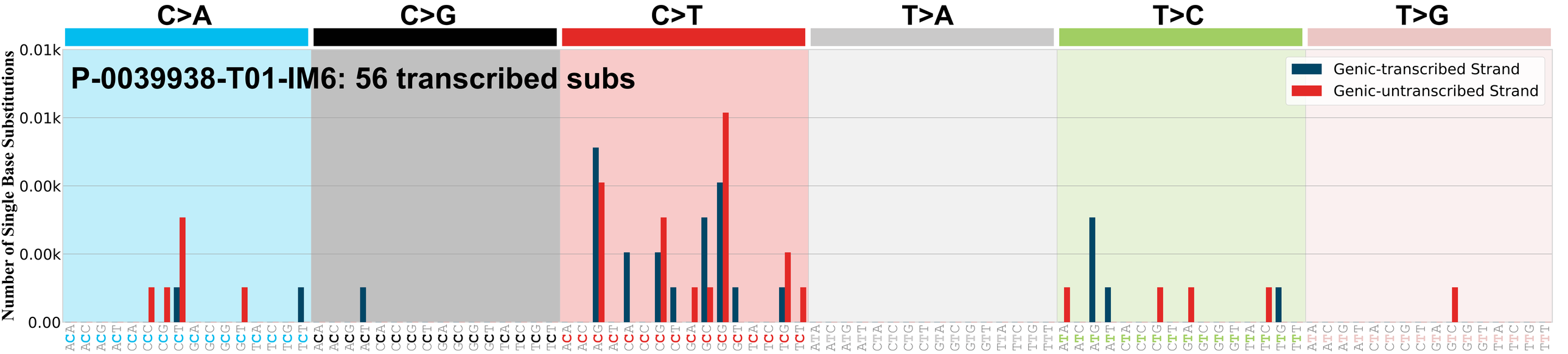

C>A
C>G
C>T
T>A
T>C
T>G
P-0039283-T01-IM6: 116 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00

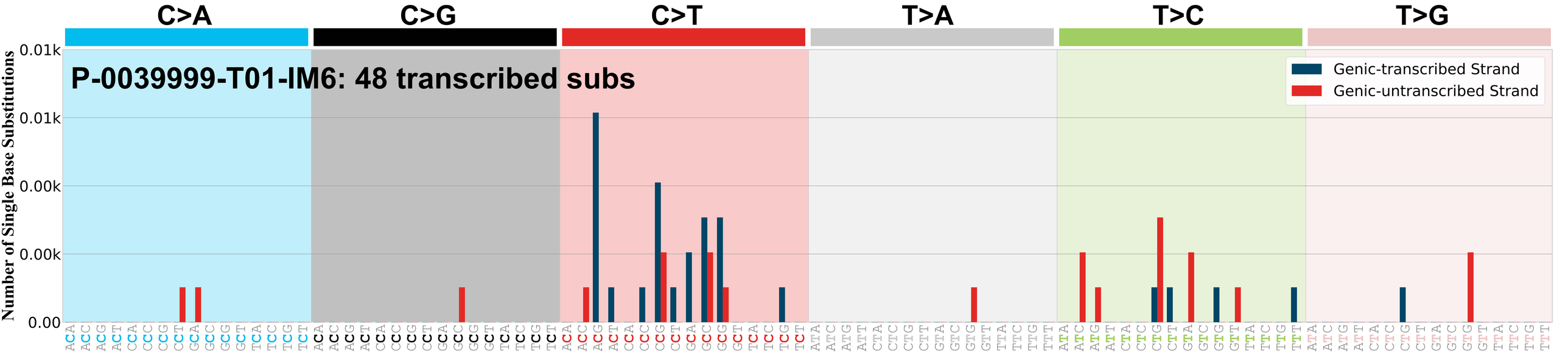

C>A
C>G
C>T
T>A
T>C
T>G
P-0039441-T01-IM6: 31 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

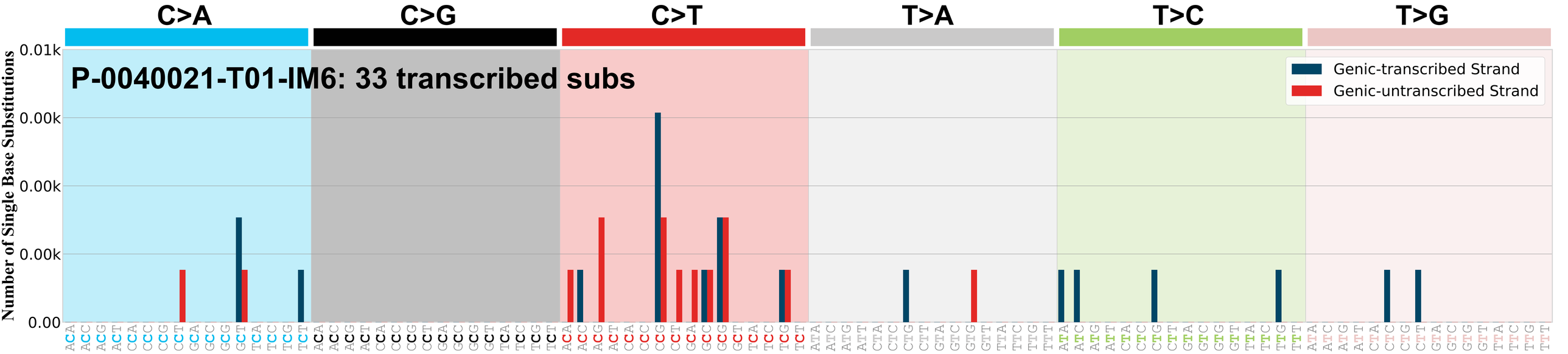

C>A
C>G
C>T
T>A
T>C
T>G
P-0039443-T01-IM6: 48 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

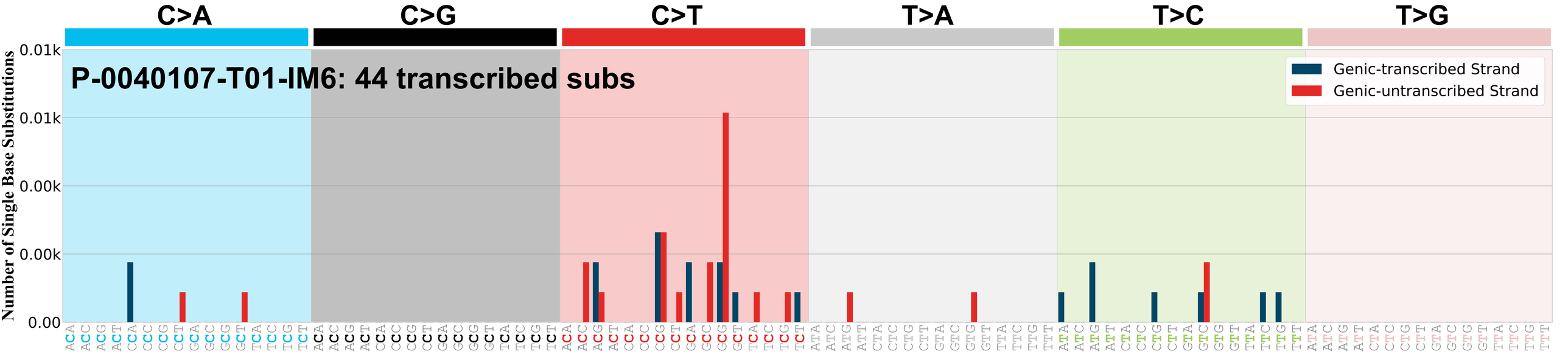

C>A
C>G
C>T
T>A
T>C
T>G
P-0039589-T01-IM6: 127 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00

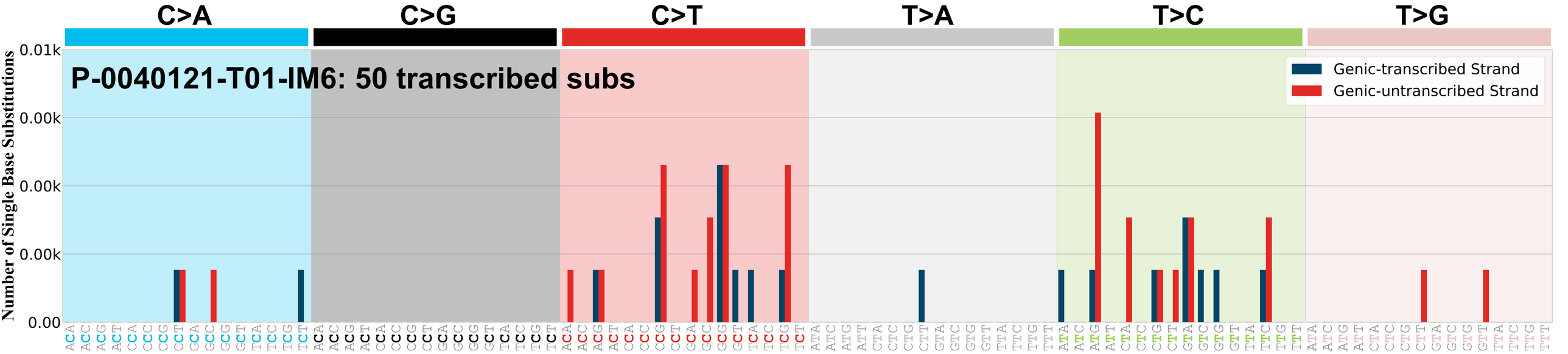

C>A
C>G
C>T
T>A
T>C
T>G
P-0039800-T01-IM6: 30 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

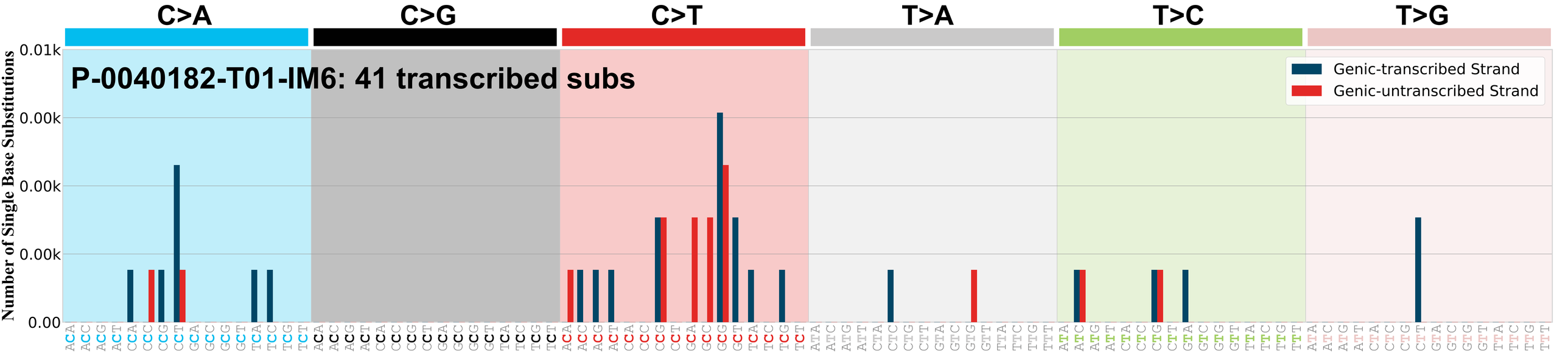

C>A
C>G
C>T
T>A
T>C
T>G
P-0039938-T01-IM6: 56 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

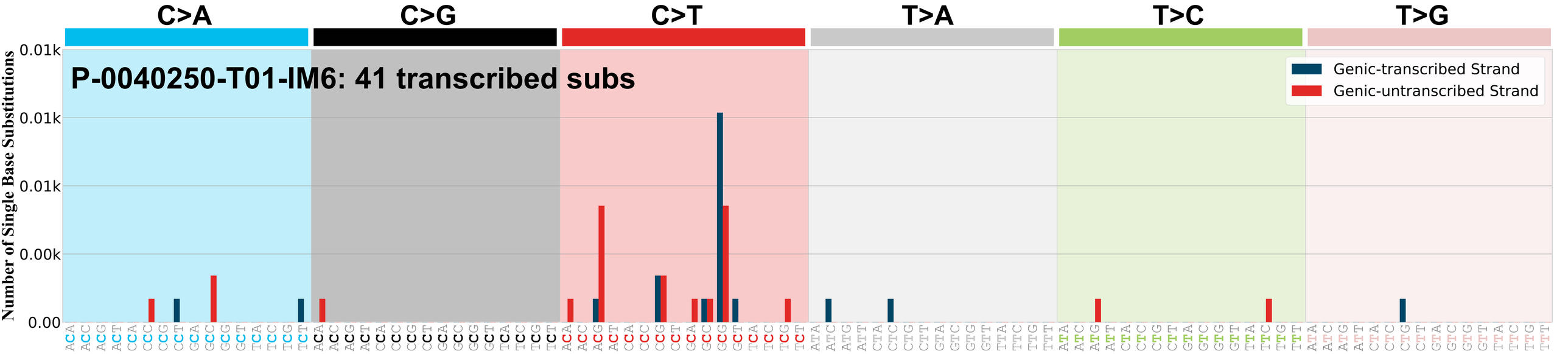

C>A
C>G
C>T
T>A
T>C
T>G
P-0039999-T01-IM6: 48 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

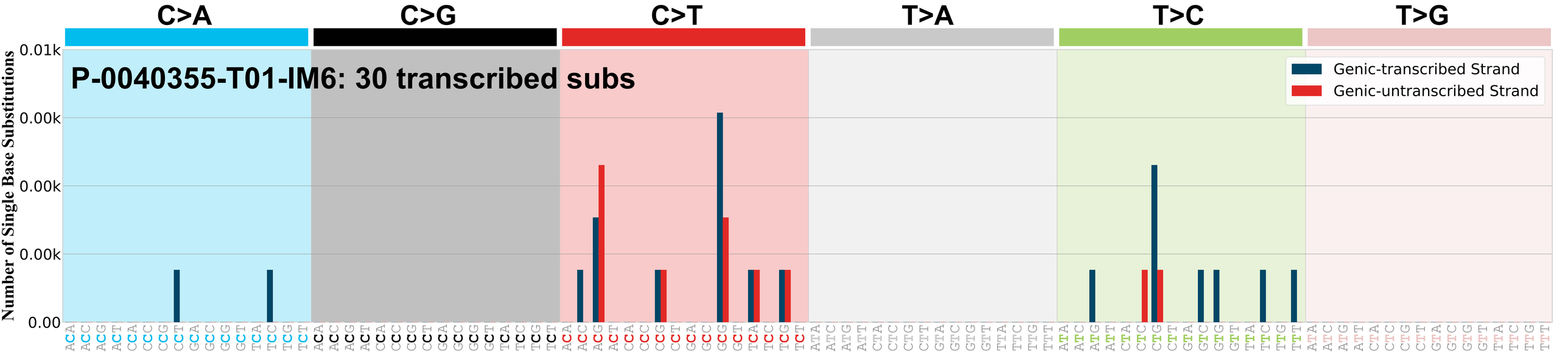

C>A
C>G
C>T
T>A
T>C
T>G
P-0040021-T01-IM6: 33 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

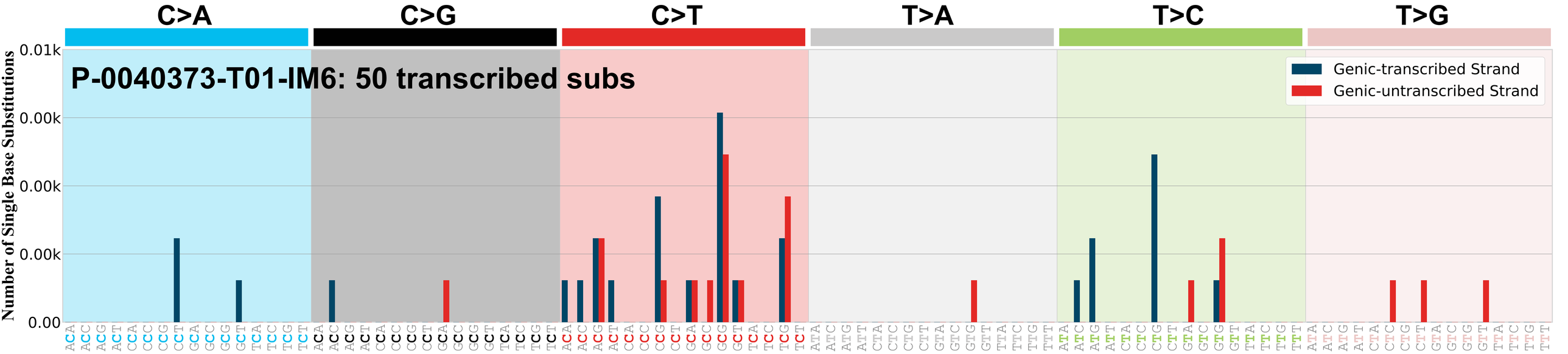

C>A
C>G
C>T
T>A
T>C
T>G
P-0040107-T01-IM6: 44 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

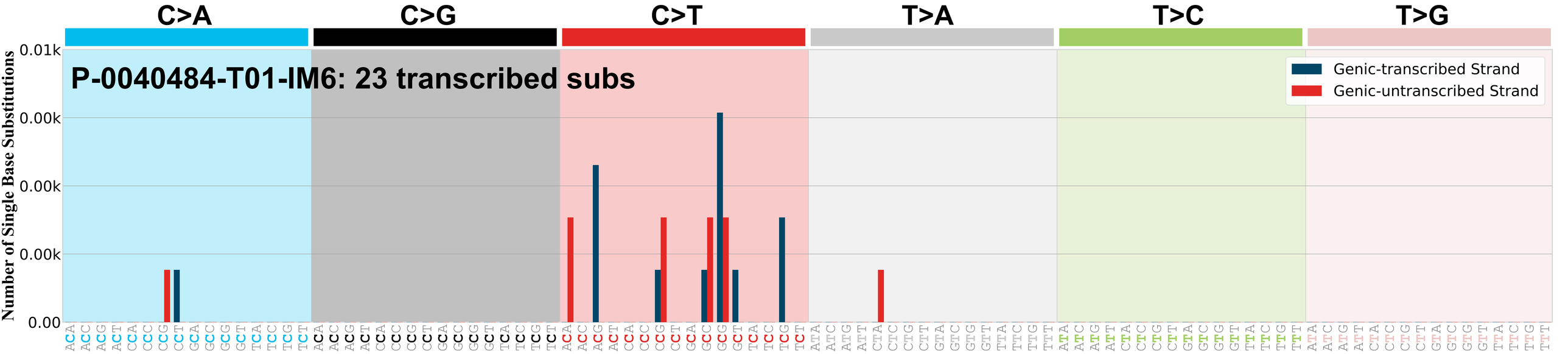

C>A
C>G
C>T
T>A
T>C
T>G
P-0040121-T01-IM6: 50 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

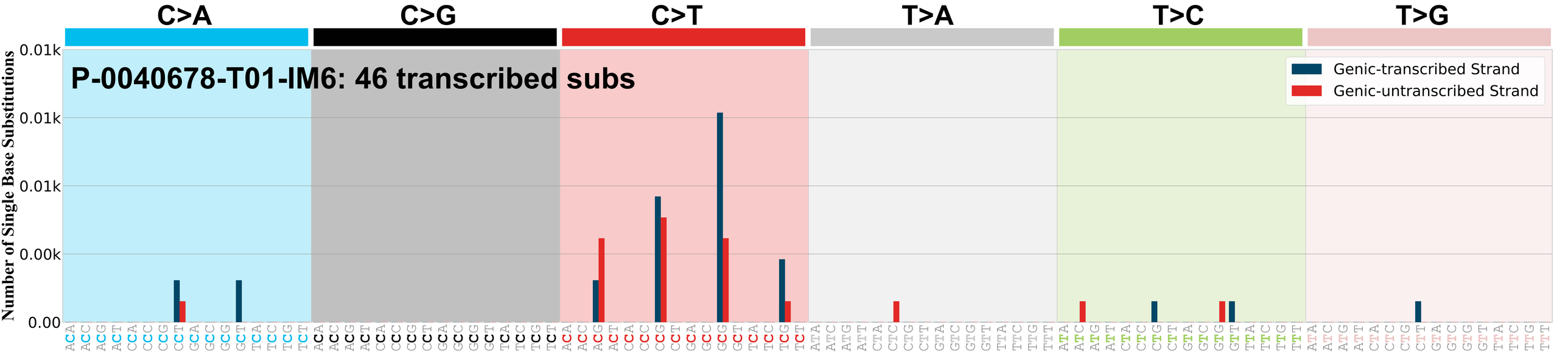

C>A
C>G
C>T
T>A
T>C
T>G
P-0040182-T01-IM6: 41 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

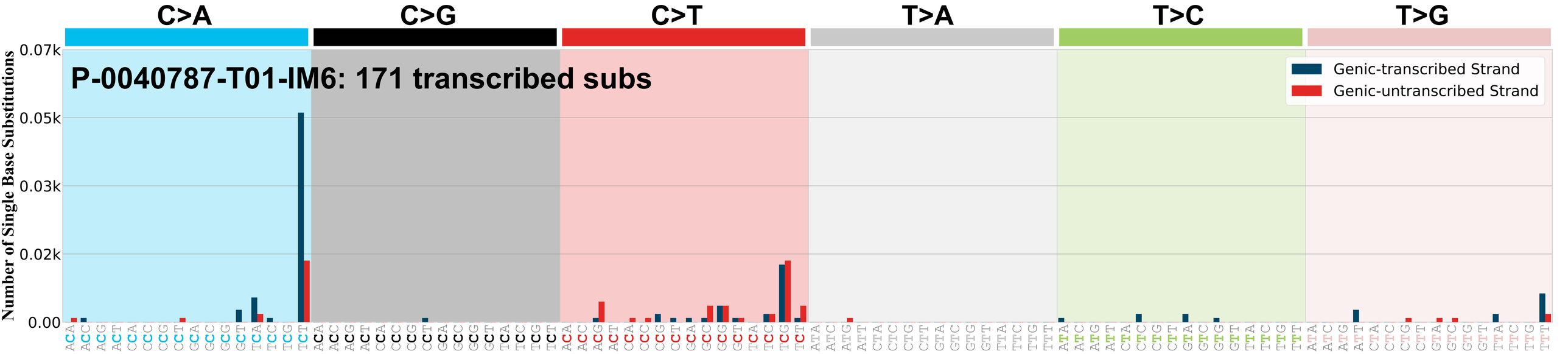

C>A
C>G
C>T
T>A
T>C
T>G
P-0040250-T01-IM6: 41 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

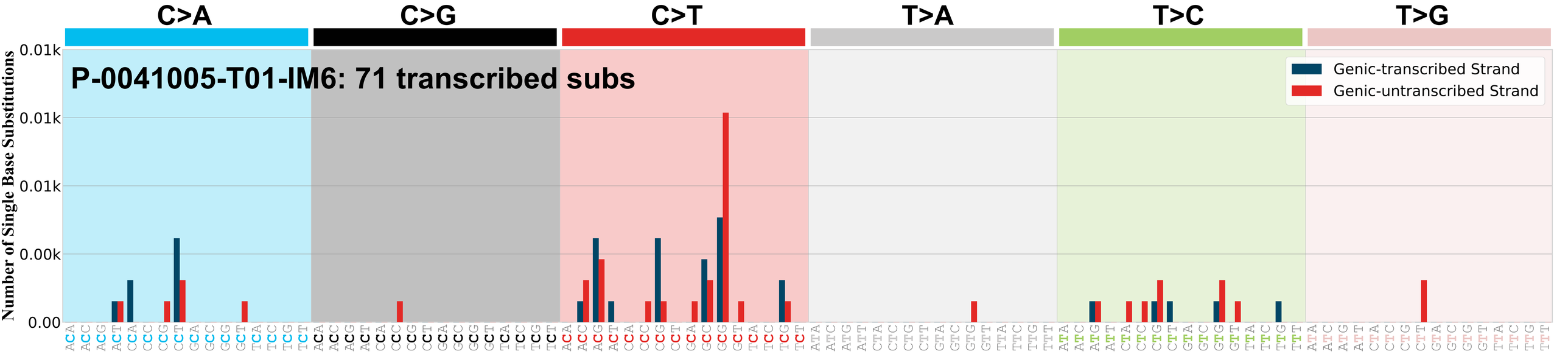

C>A
C>G
C>T
T>A
T>C
T>G
P-0040355-T01-IM6: 30 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

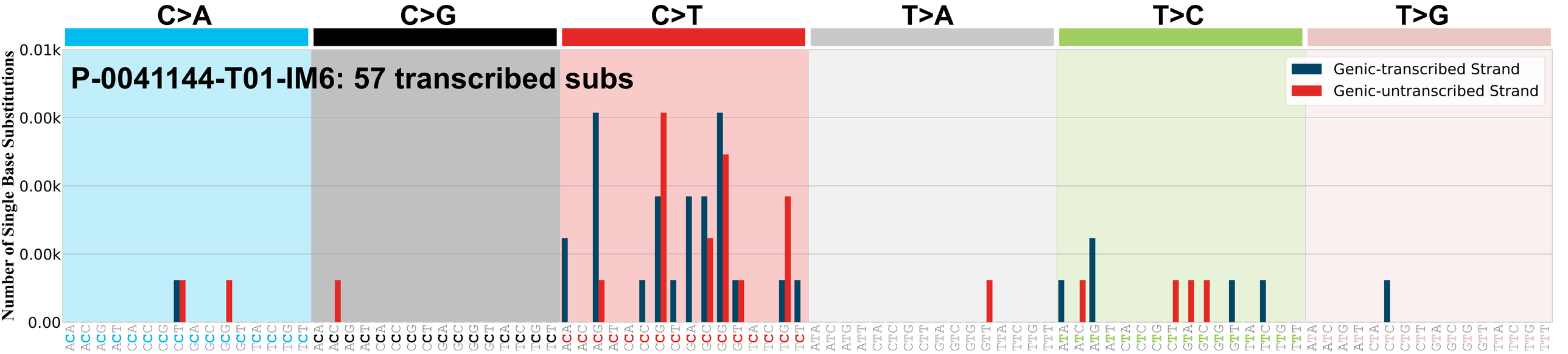

C>A
C>G
C>T
T>A
T>C
T>G
P-0040373-T01-IM6: 50 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

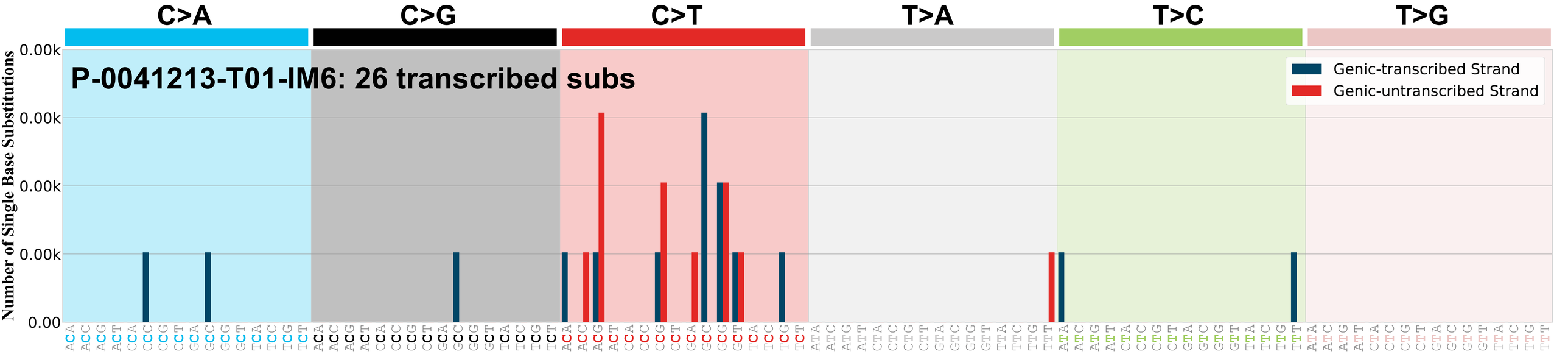

C>A
C>G
C>T
T>A
T>C
T>G
P-0040484-T01-IM6: 23 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

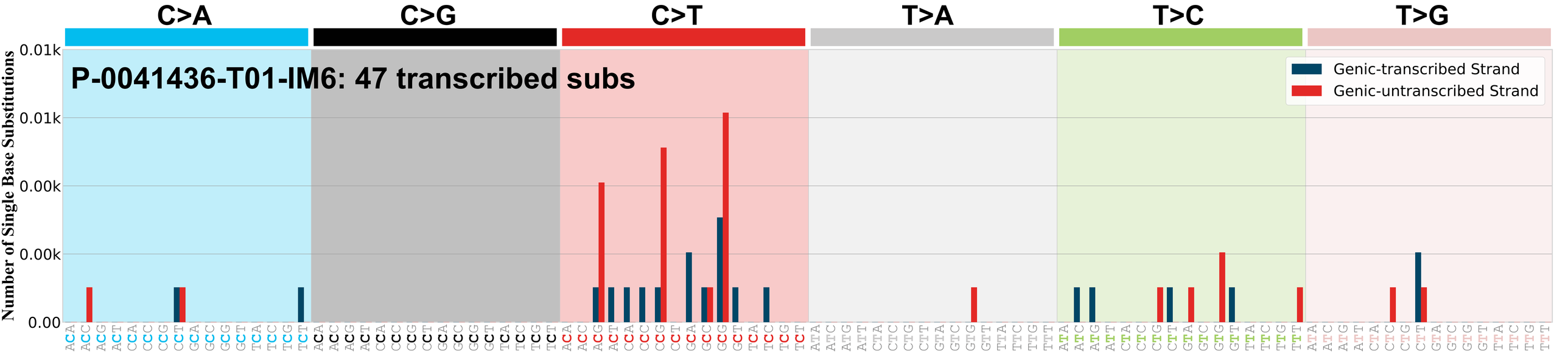

C>A
C>G
C>T
T>A
T>C
T>G
P-0040678-T01-IM6: 46 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

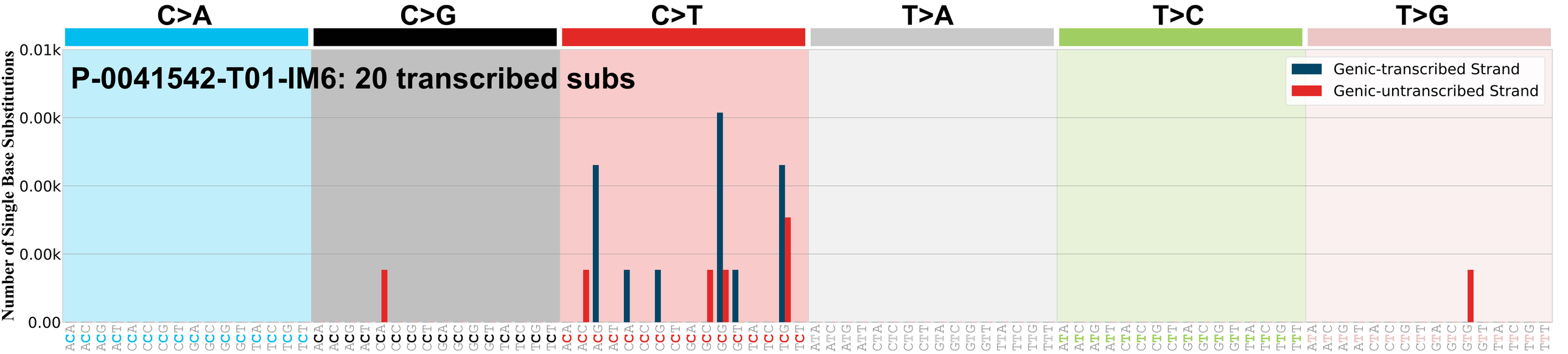

C>A
C>G
C>T
T>A
T>C
T>G
P-0040787-T01-IM6: 171 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.07k
0.05k
0.03k
0.02k
0.00

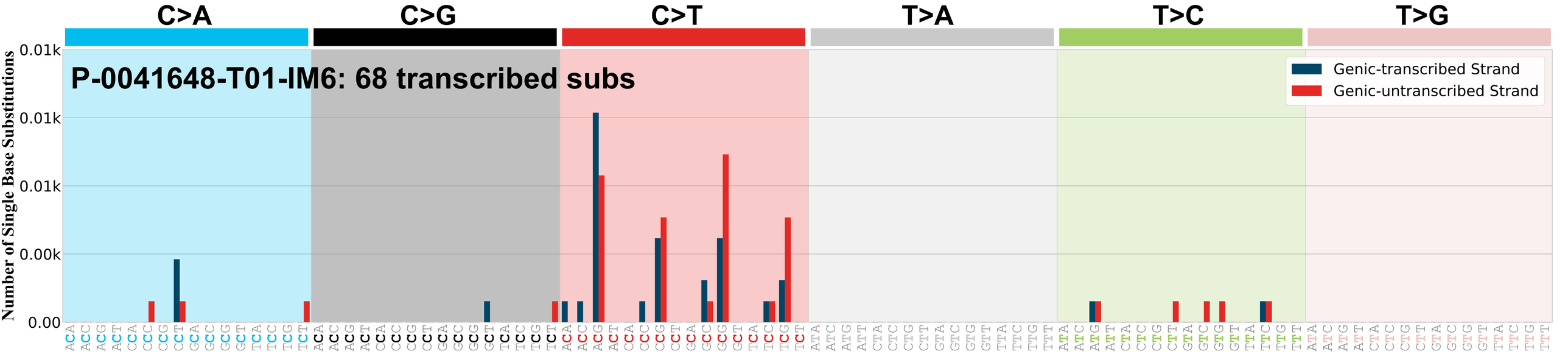

C>A
C>G
C>T
T>A
T>C
T>G
P-0041005-T01-IM6: 71 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

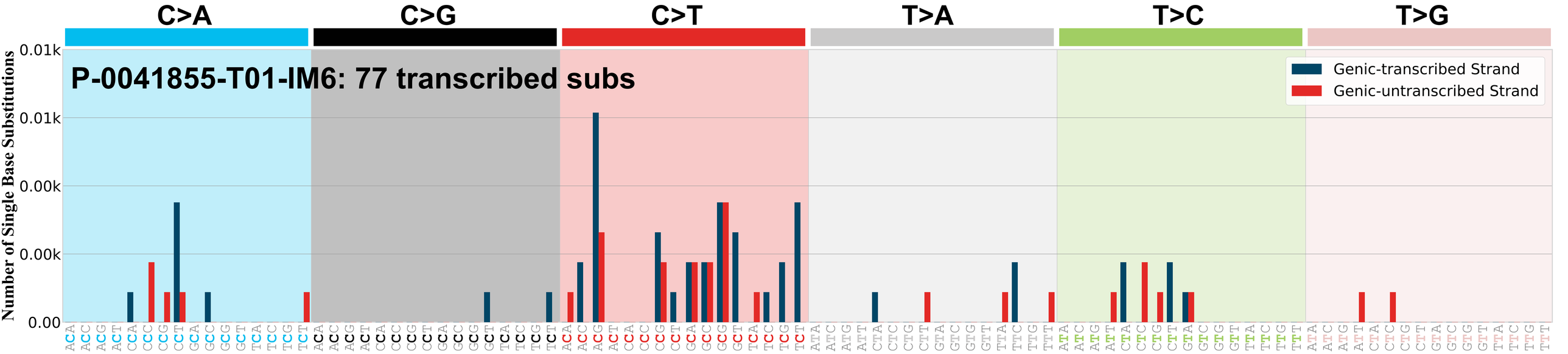

C>A
C>G
C>T
T>A
T>C
T>G
P-0041144-T01-IM6: 57 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

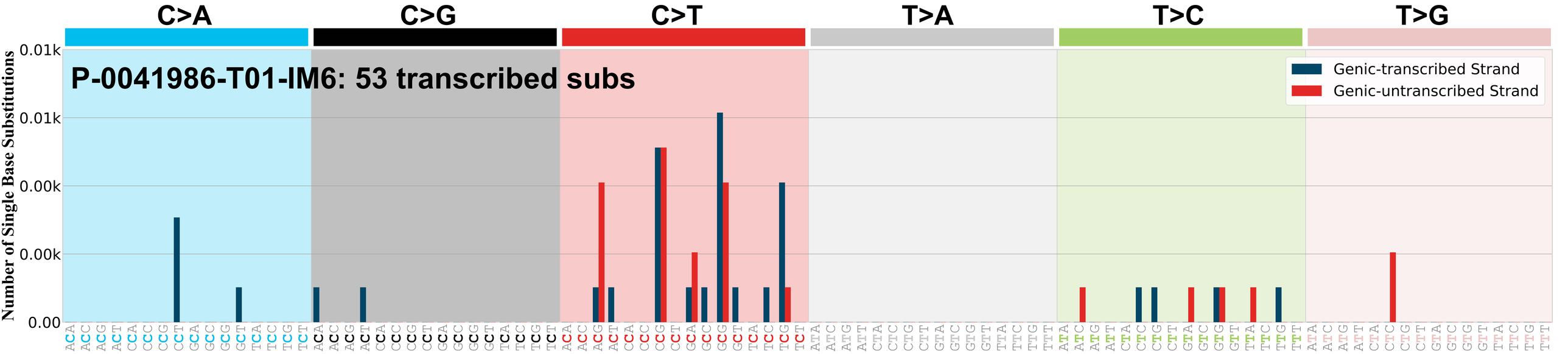

C>A
C>G
C>T
T>A
T>C
T>G
P-0041213-T01-IM6: 26 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

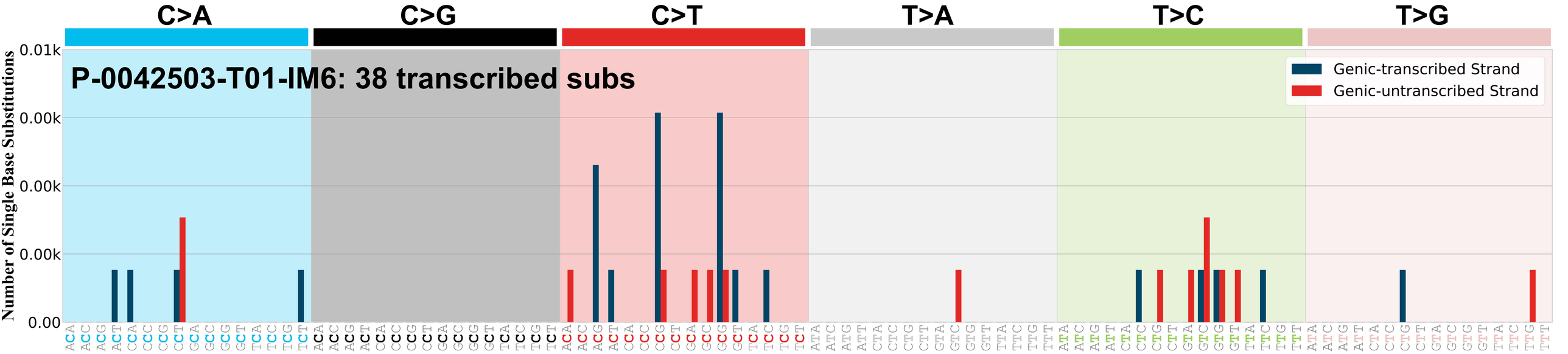

C>A
C>G
C>T
T>A
T>C
T>G
P-0041436-T01-IM6: 47 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

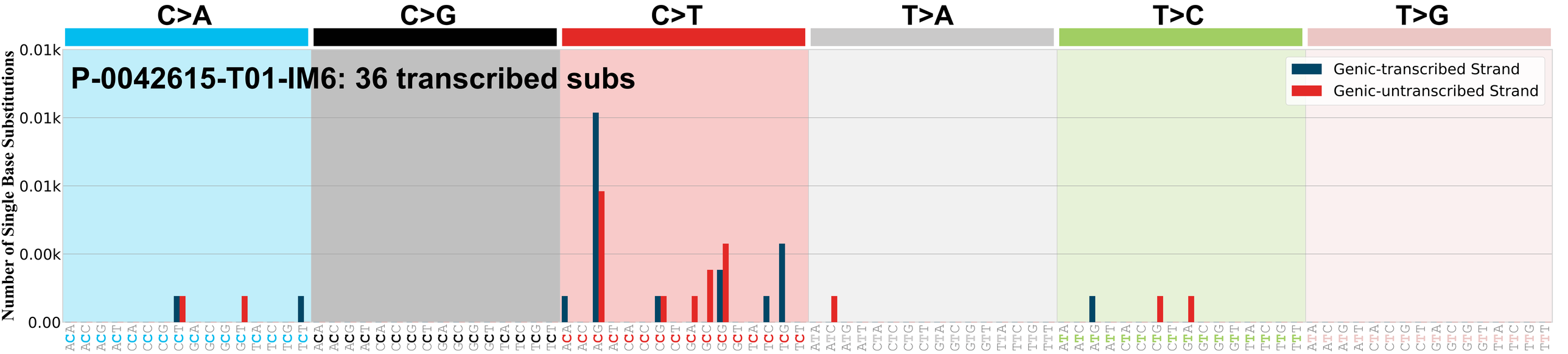

C>A
C>G
C>T
T>A
T>C
T>G
P-0041542-T01-IM6: 20 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

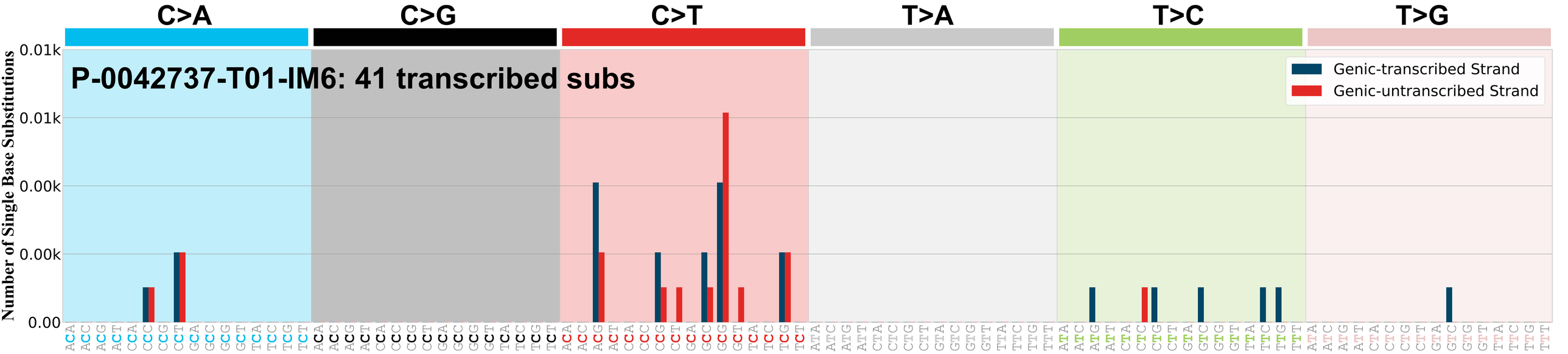

C>A
C>G
C>T
T>A
T>C
T>G
P-0041648-T01-IM6: 68 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

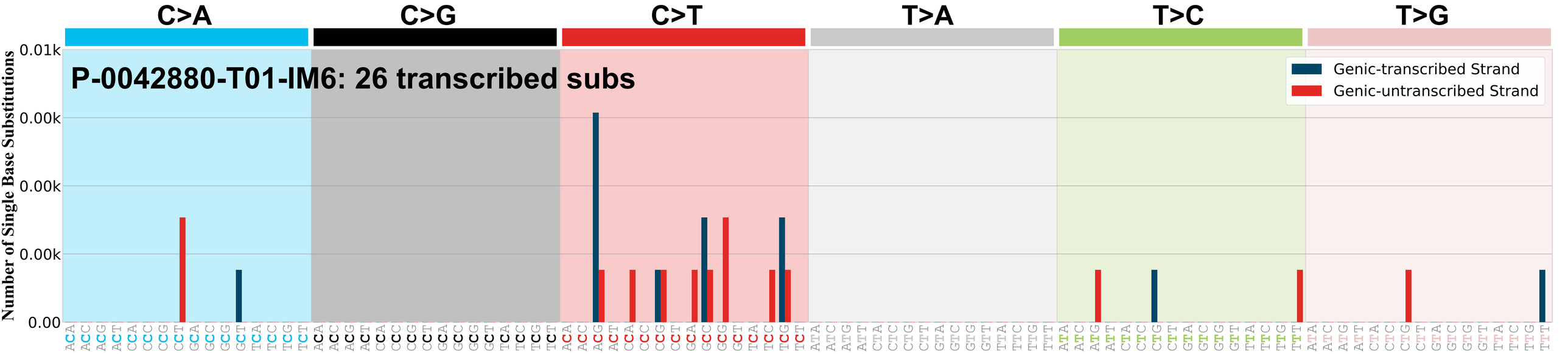

C>A
C>G
C>T
T>A
T>C
T>G
P-0041855-T01-IM6: 77 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

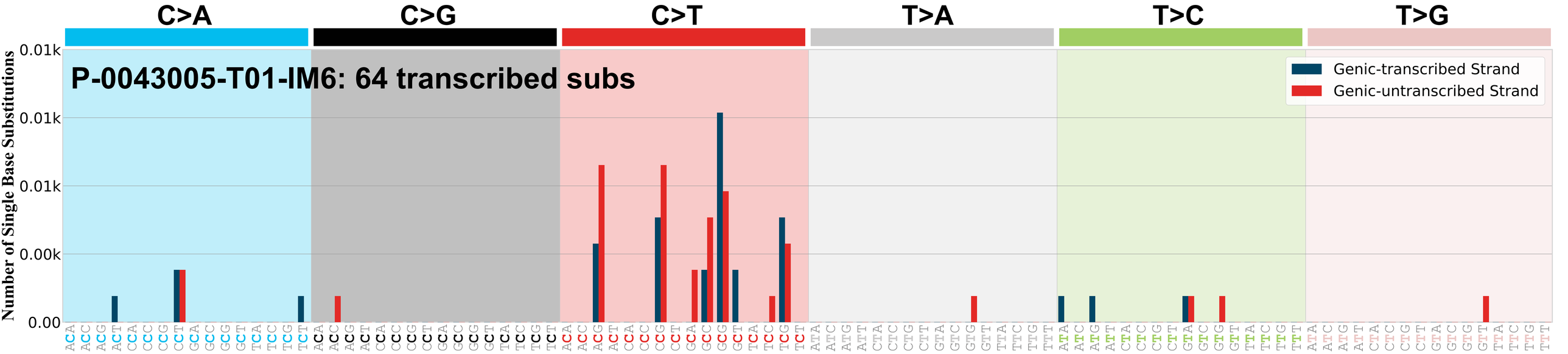

C>A
C>G
C>T
T>A
T>C
T>G
P-0041986-T01-IM6: 53 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

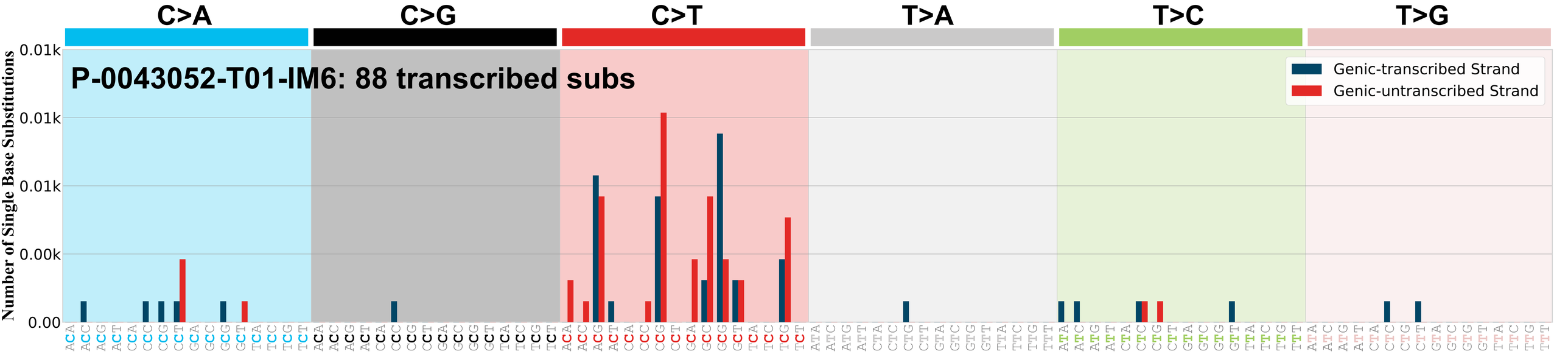

C>A
C>G
C>T
T>A
T>C
T>G
P-0042503-T01-IM6: 38 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

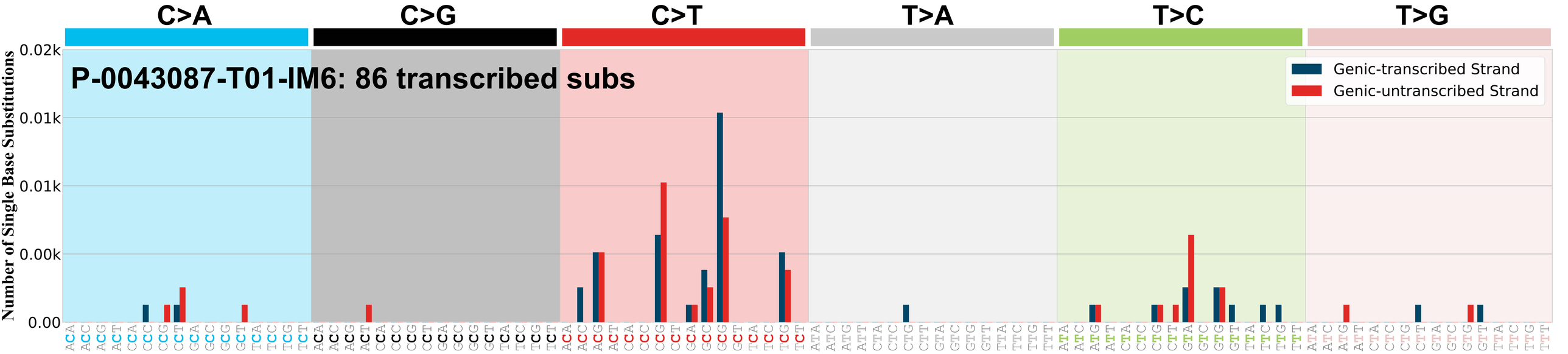

C>A
C>G
C>T
T>A
T>C
T>G
P-0042615-T01-IM6: 36 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

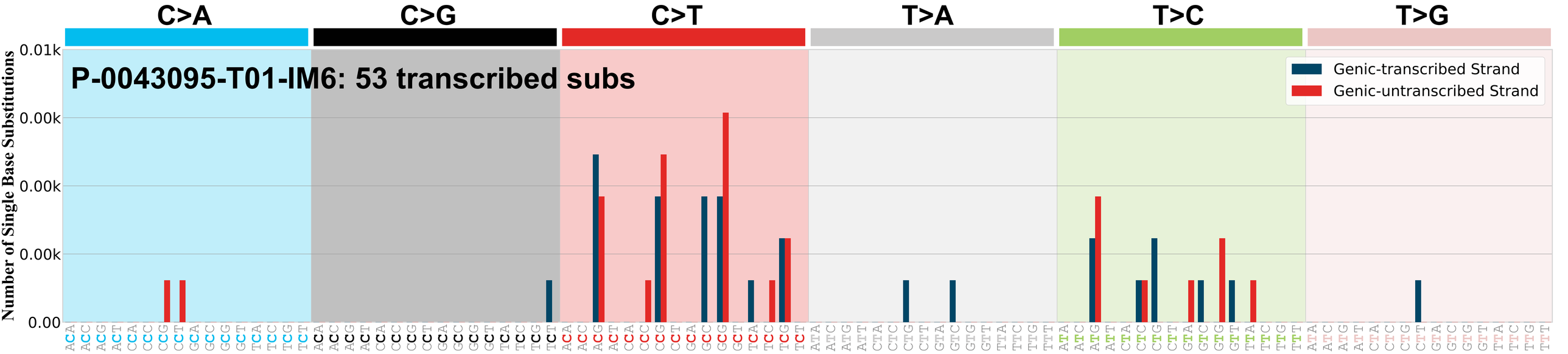

C>A
C>G
C>T
T>A
T>C
T>G
P-0042737-T01-IM6: 41 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

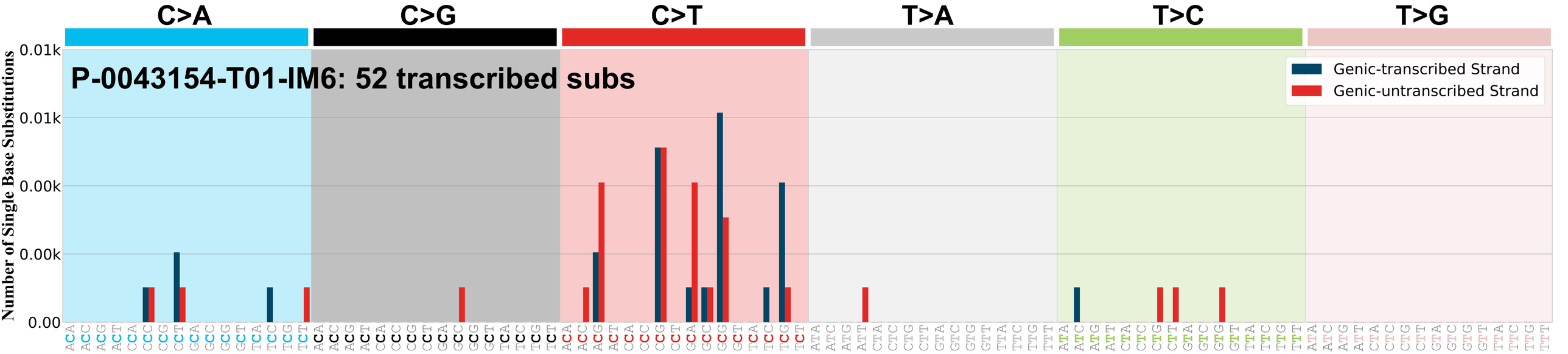

C>A
C>G
C>T
T>A
T>C
T>G
P-0042880-T01-IM6: 26 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT

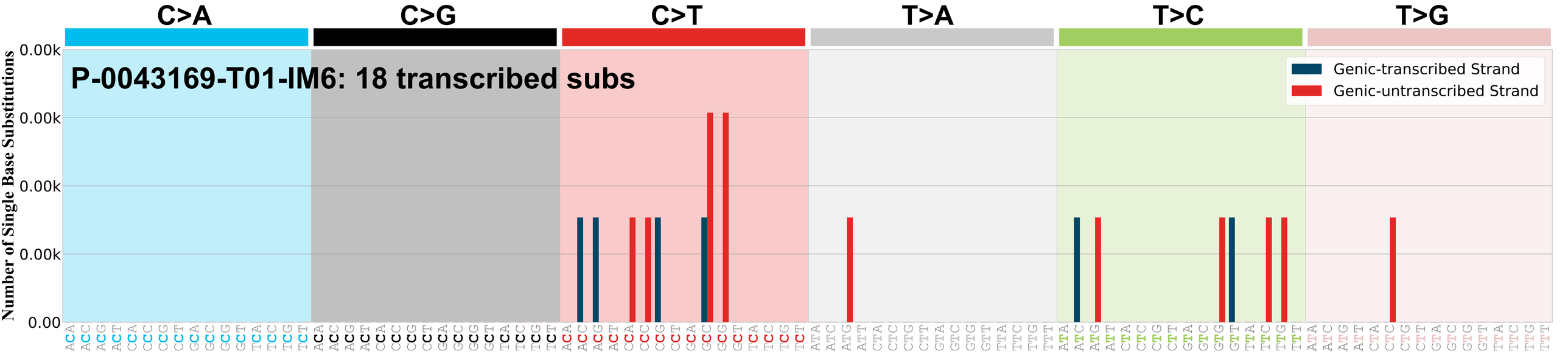

C>A
C>G
C>T
T>A
T>C
T>G
P-0043005-T01-IM6: 64 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

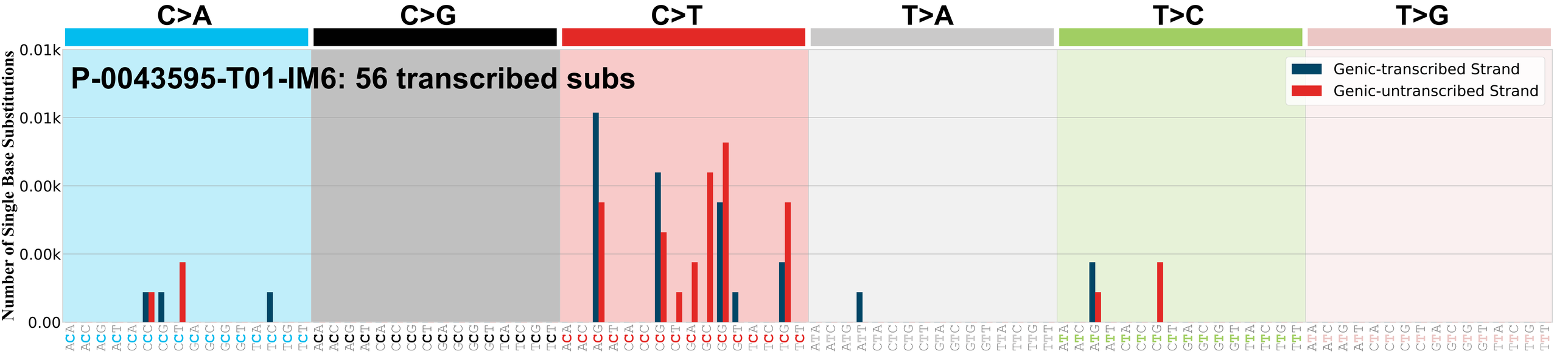

C>A
C>G
C>T
T>A
T>C
T>G
P-0043052-T01-IM6: 88 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

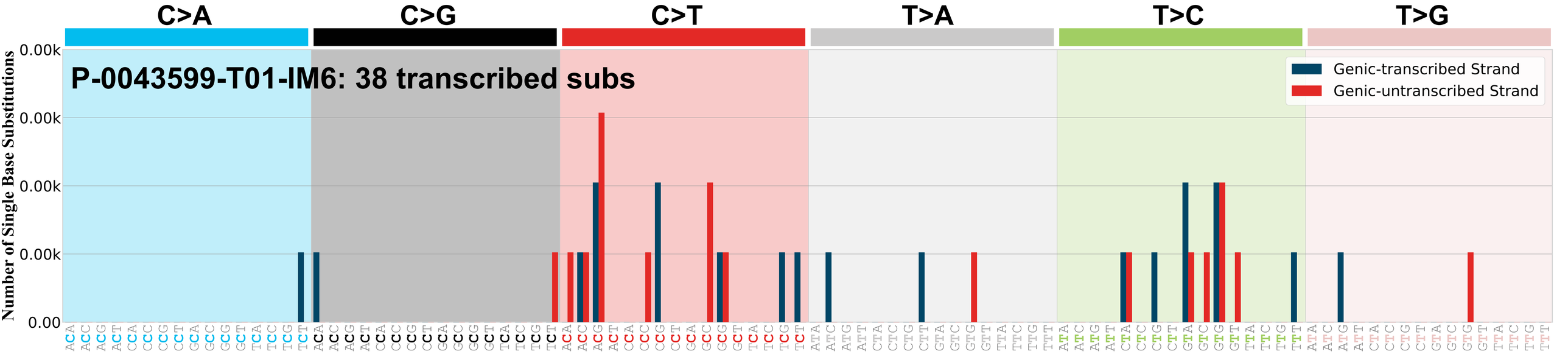

C>A
C>G
C>T
T>A
T>C
T>G
P-0043087-T01-IM6: 86 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00

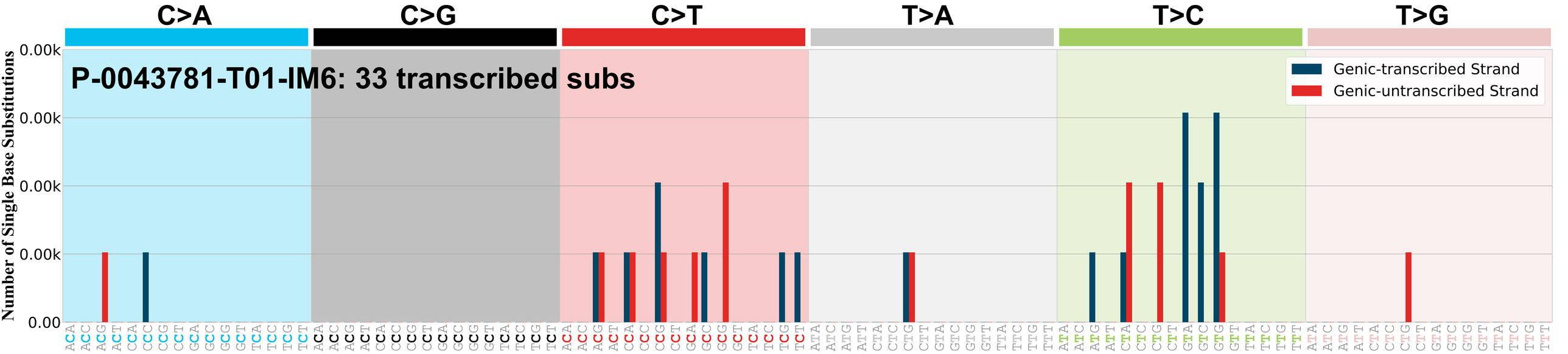

C>A
C>G
C>T
T>A
T>C
T>G
P-0043095-T01-IM6: 53 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

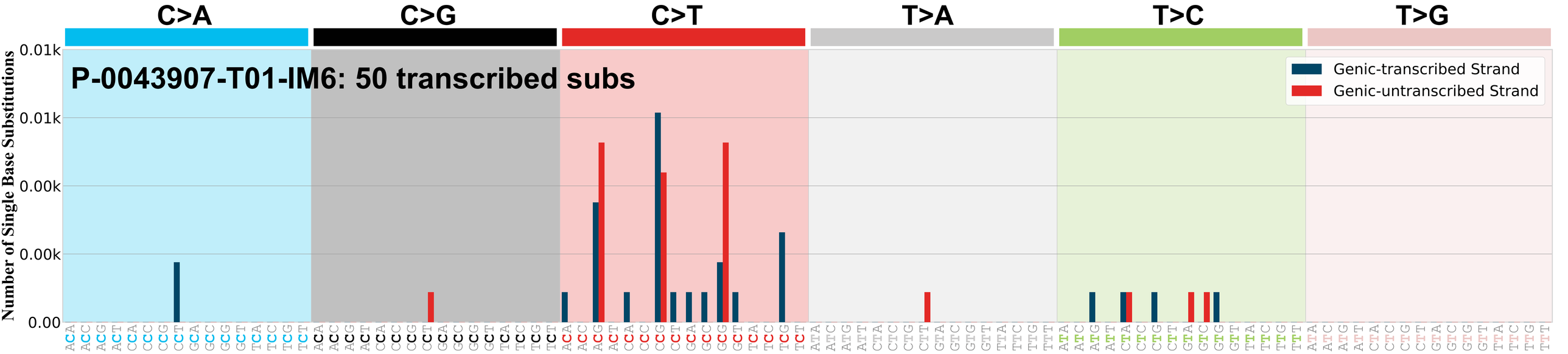

C>A
C>G
C>T
T>A
T>C
T>G
P-0043154-T01-IM6: 52 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

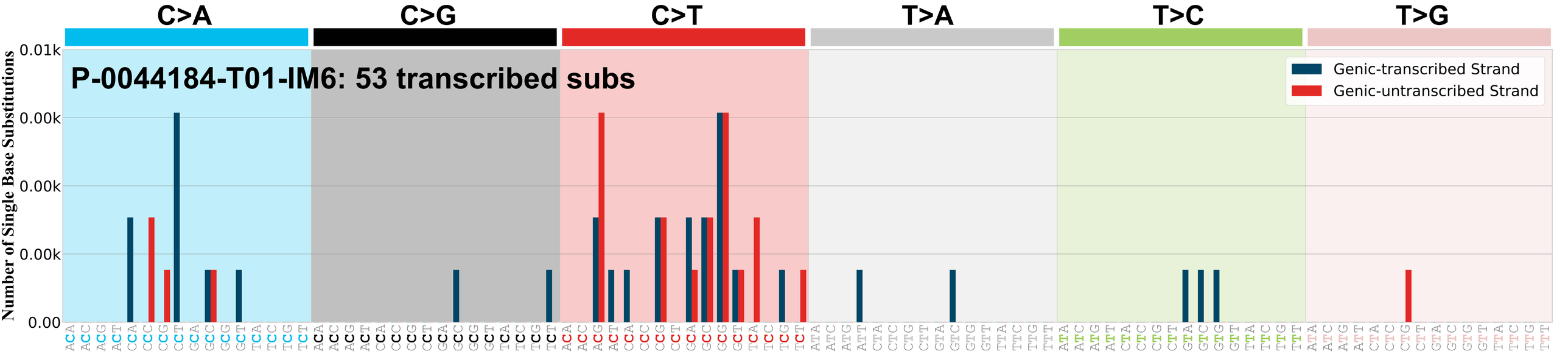

C>A
C>G
C>T
T>A
T>C
T>G
P-0043169-T01-IM6: 18 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

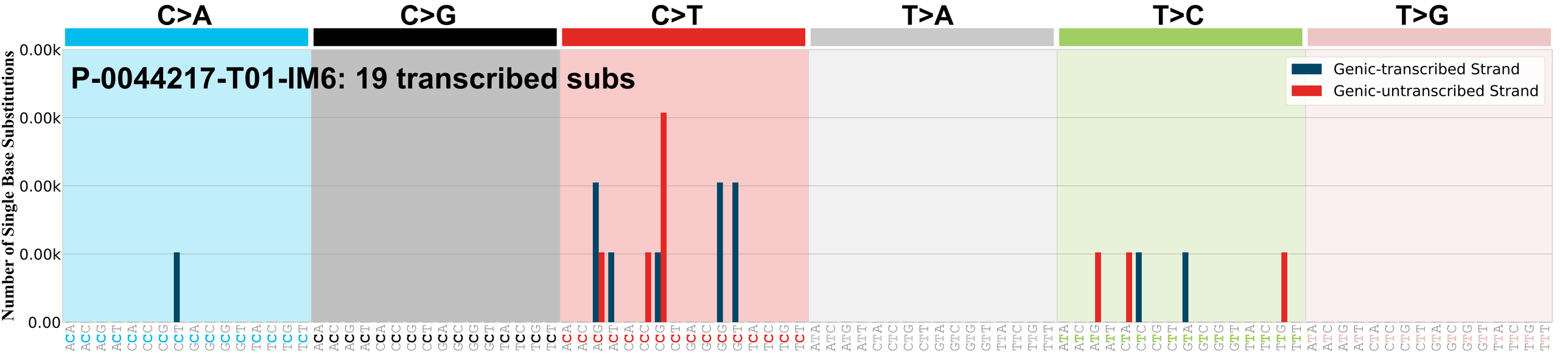

C>A
C>G
C>T
T>A
T>C
T>G
P-0043595-T01-IM6: 56 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0043599-T01-IM6: 38 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0043781-T01-IM6: 33 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0043907-T01-IM6: 50 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0044184-T01-IM6: 53 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0044217-T01-IM6: 19 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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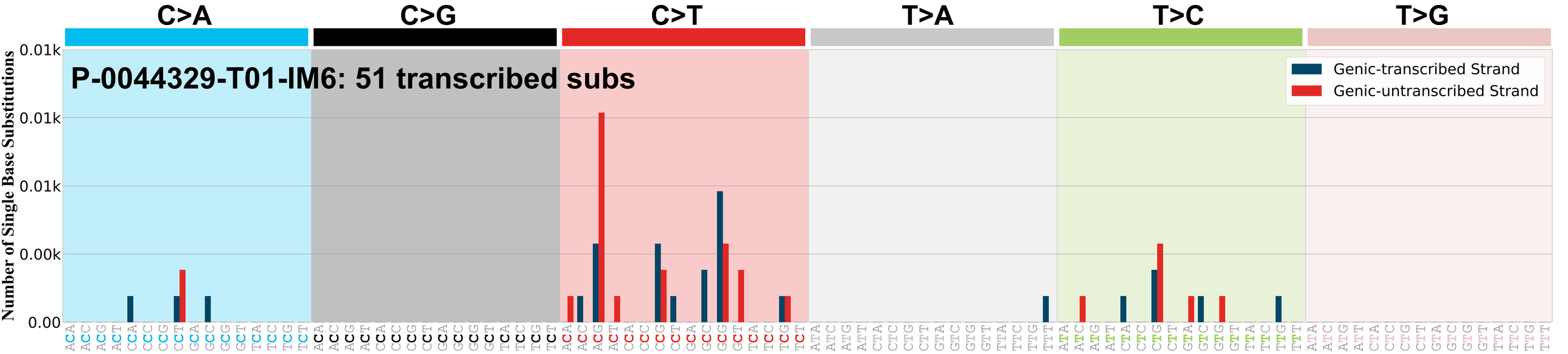
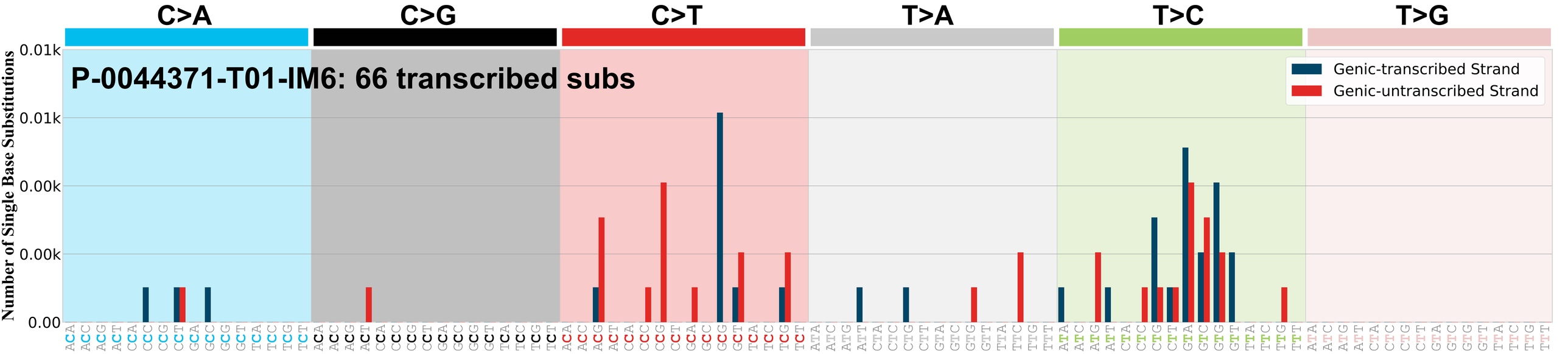
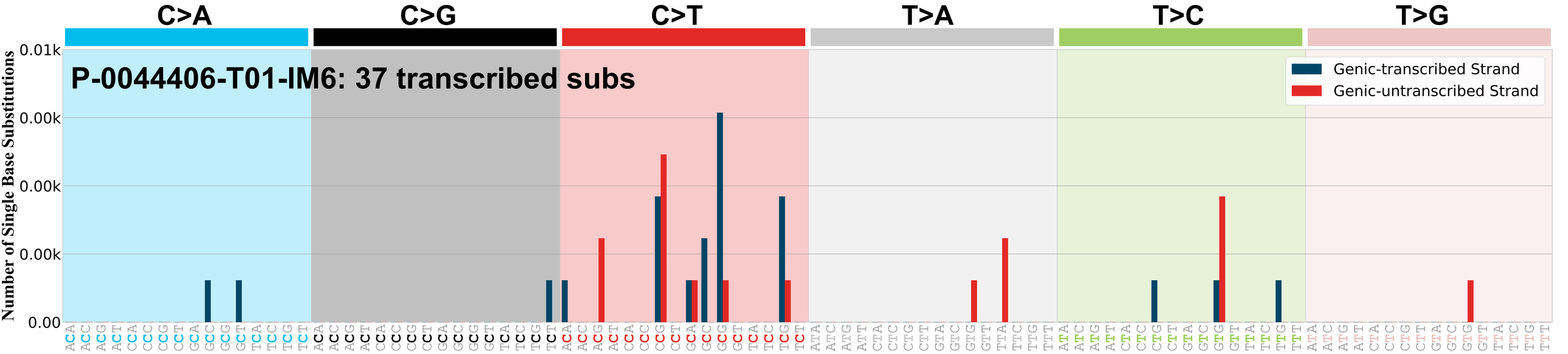
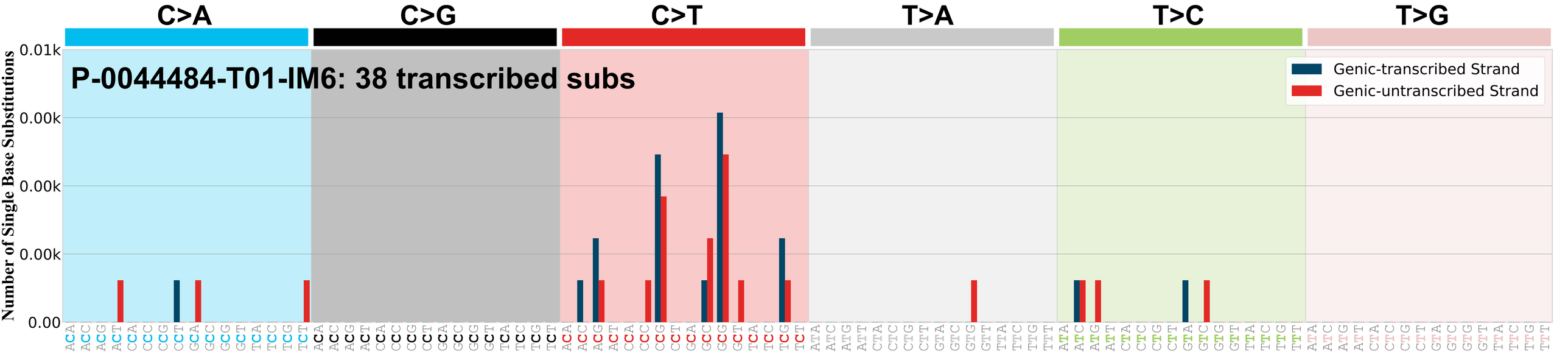
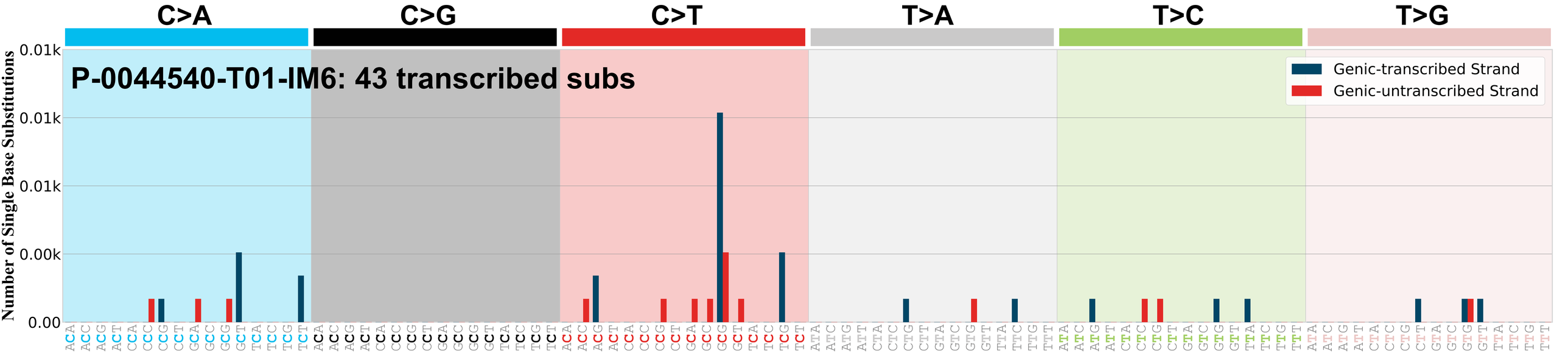
0.00k
0.00k
0.00k
0.00

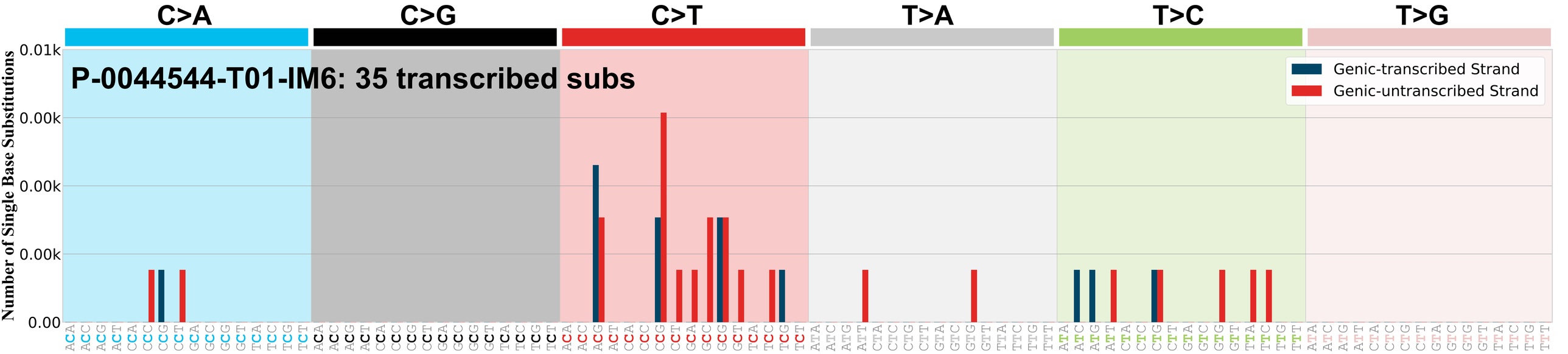

C>A
C>G
C>T
T>A
T>C
T>G
P-0044329-T01-IM6: 51 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

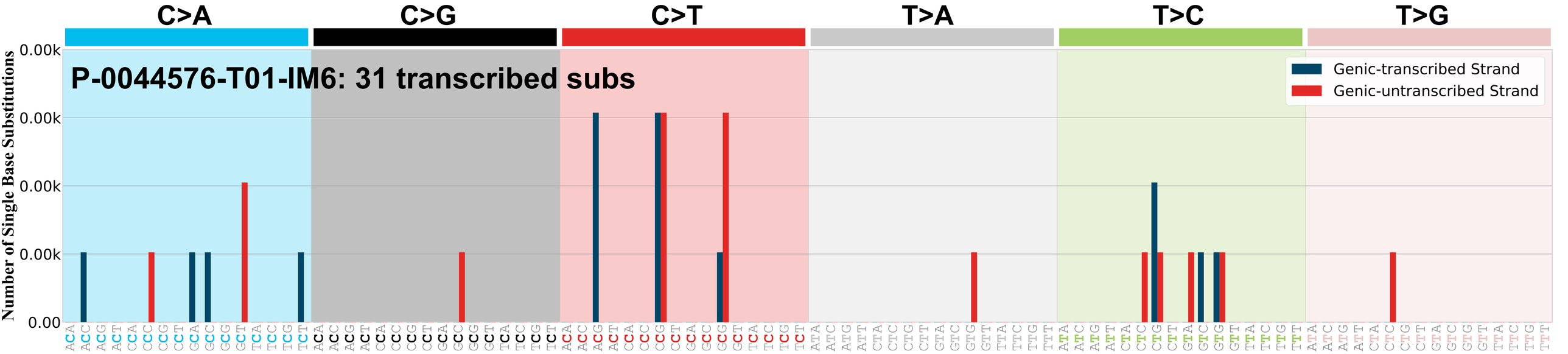

C>A
C>G
C>T
T>A
T>C
T>G
P-0044371-T01-IM6: 66 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

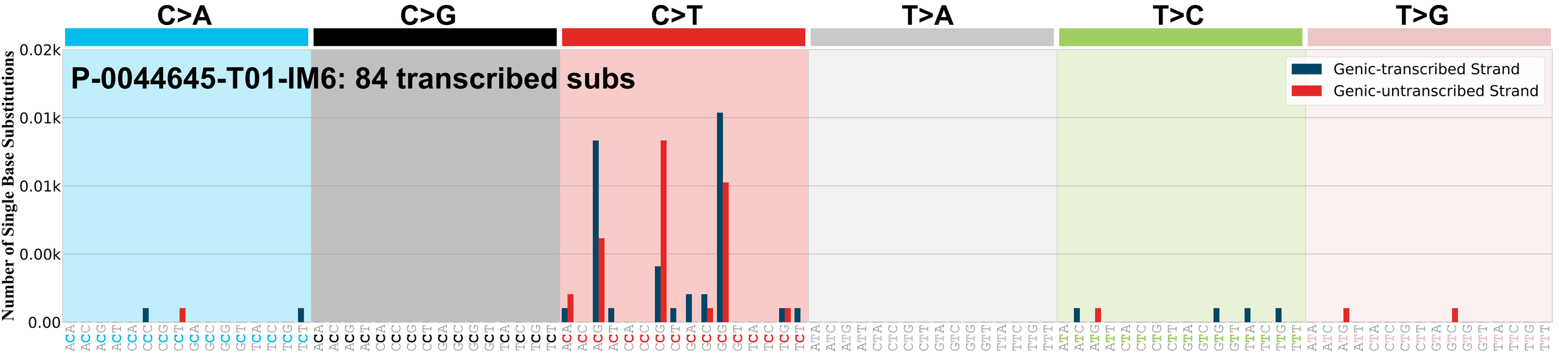

C>A
C>G
C>T
T>A
T>C
T>G
P-0044406-T01-IM6: 37 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

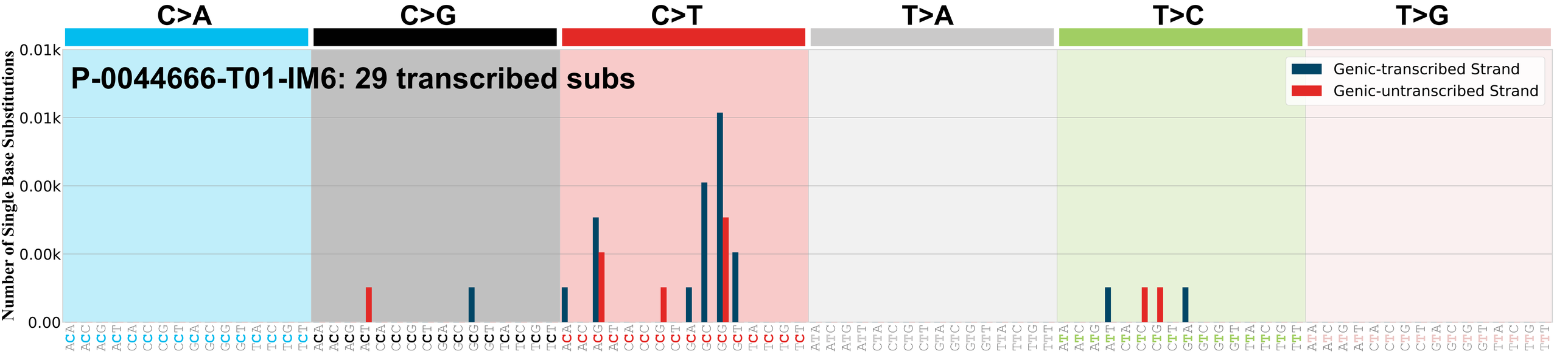

C>A
C>G
C>T
T>A
T>C
T>G
P-0044484-T01-IM6: 38 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT

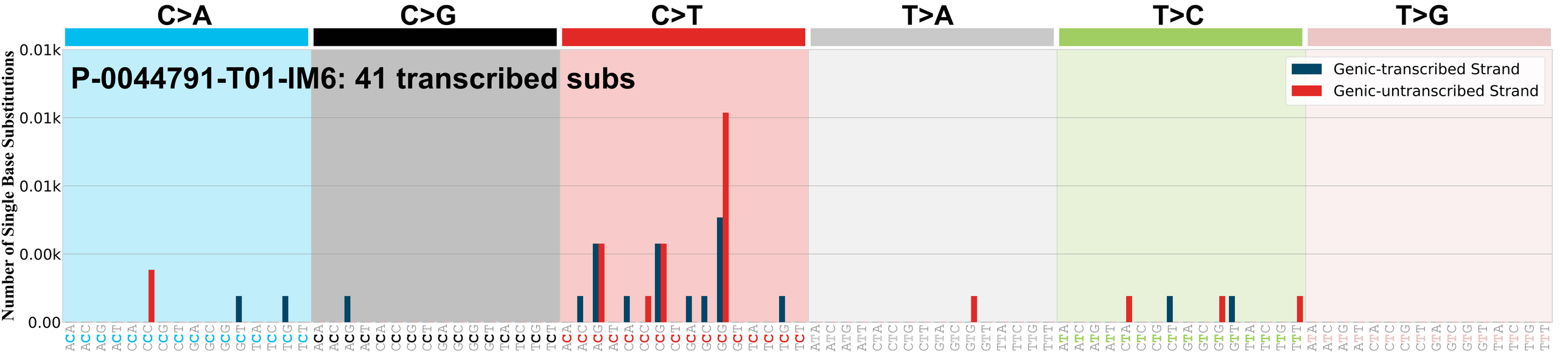

C>A
C>G
C>T
T>A
T>C
T>G
P-0044540-T01-IM6: 43 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

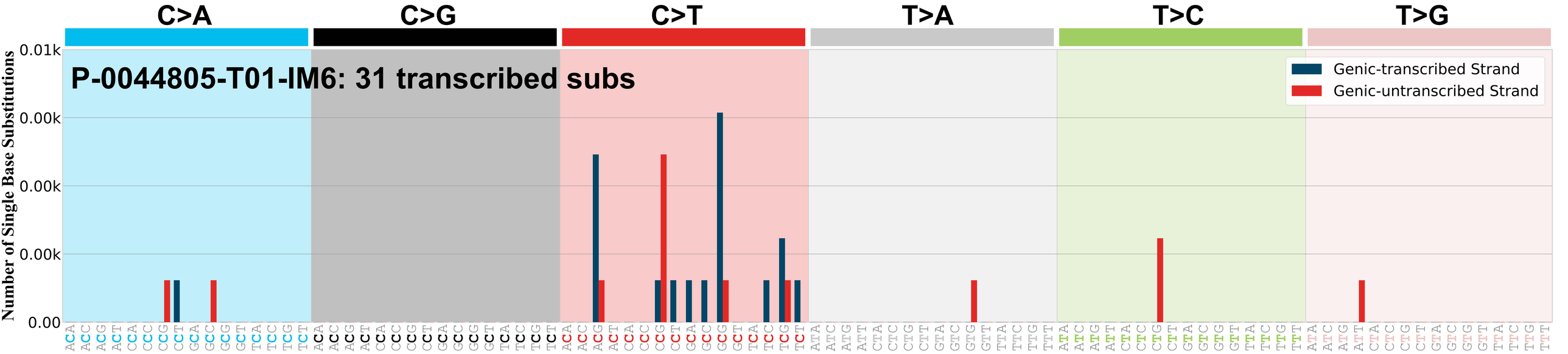

C>A
C>G
C>T
T>A
T>C
T>G
P-0044544-T01-IM6: 35 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

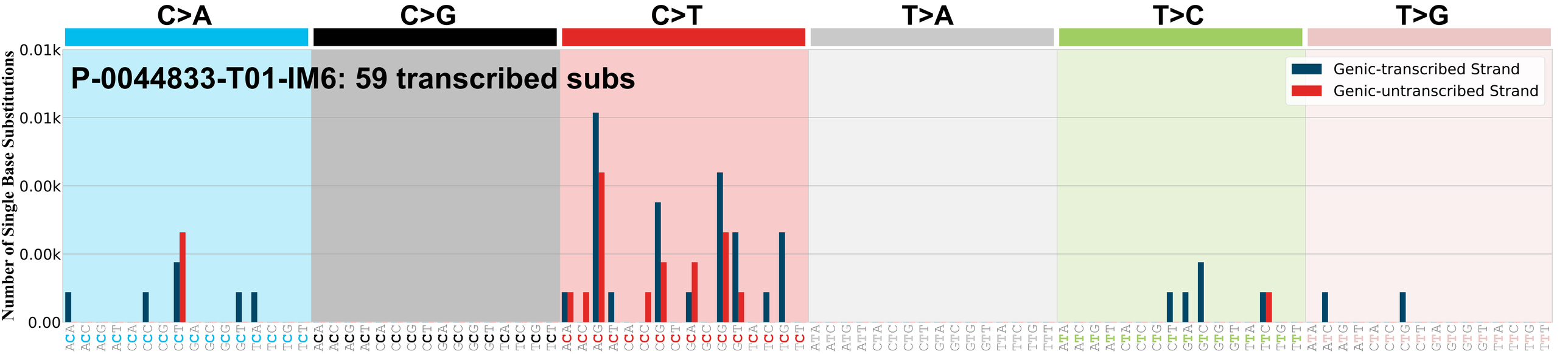

C>A
C>G
C>T
T>A
T>C
T>G
P-0044576-T01-IM6: 31 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

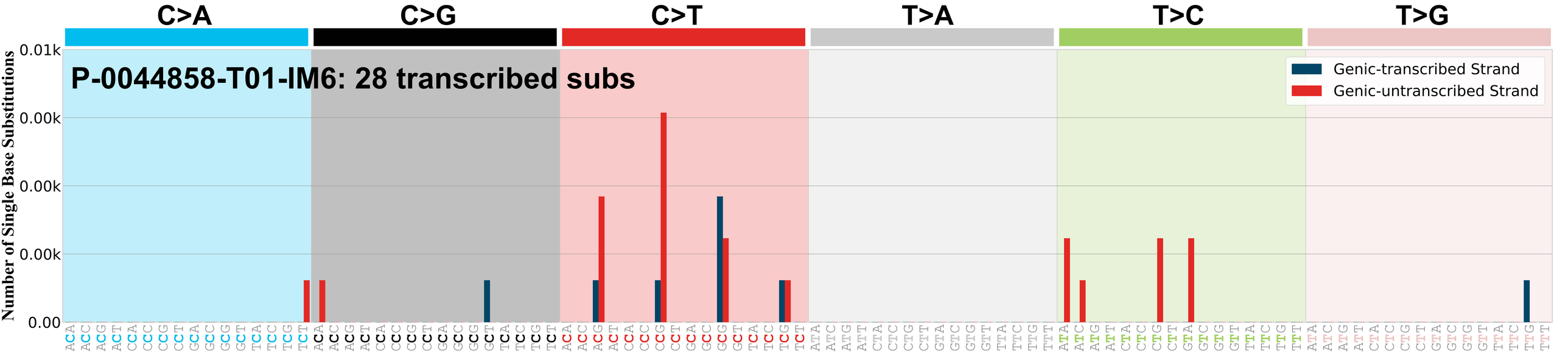

C>A
C>G
C>T
T>A
T>C
T>G
P-0044645-T01-IM6: 84 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00

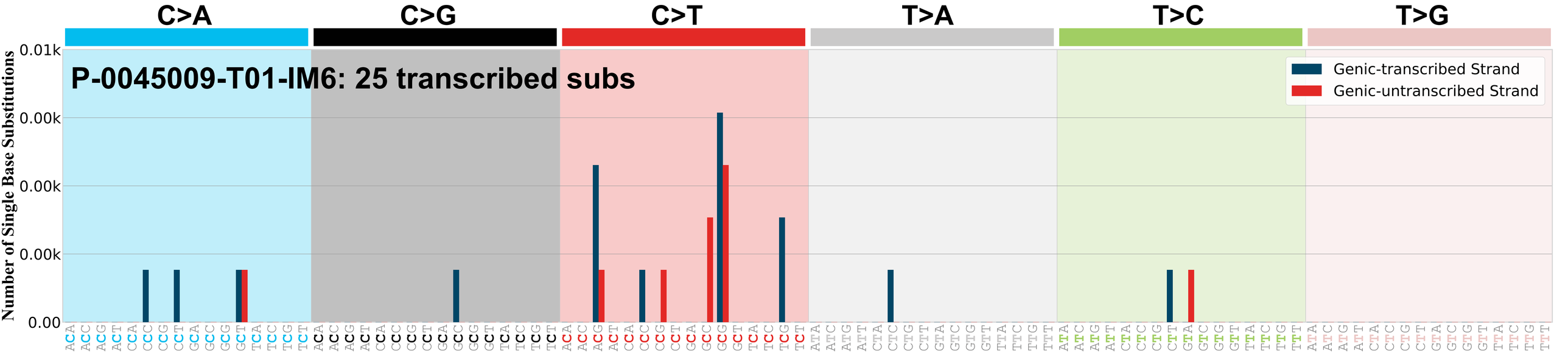

C>A
C>G
C>T
T>A
T>C
T>G
P-0044666-T01-IM6: 29 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

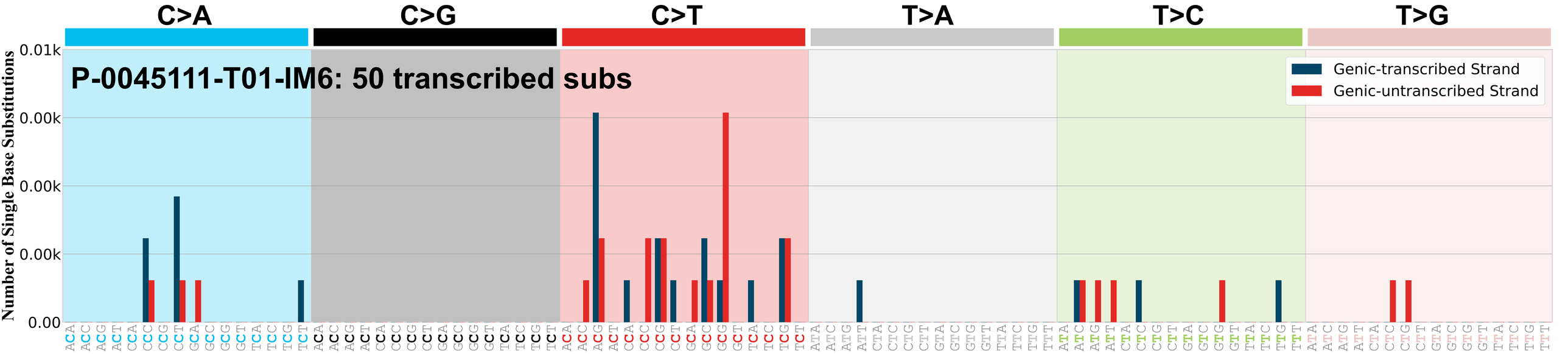

C>A
C>G
C>T
T>A
T>C
T>G
P-0044791-T01-IM6: 41 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

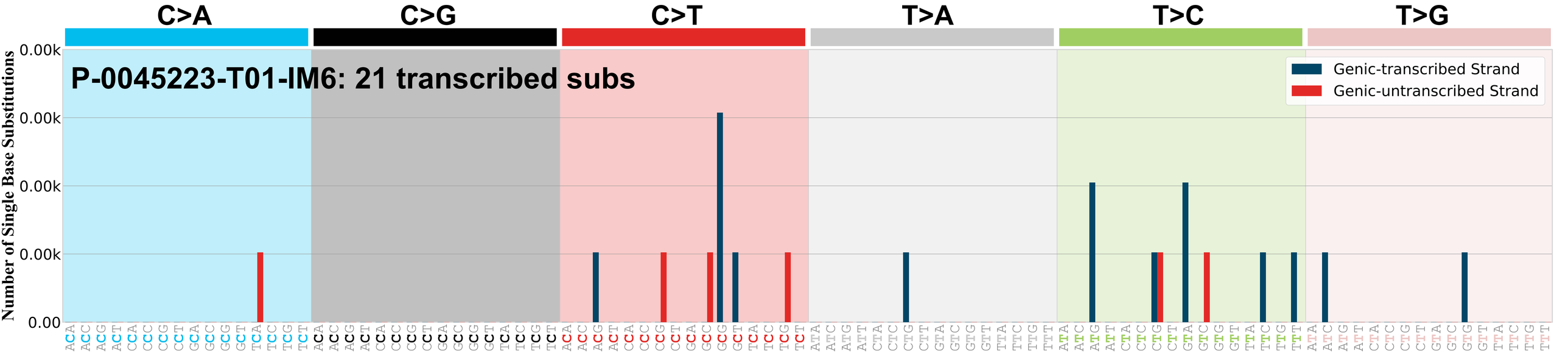

C>A
C>G
C>T
T>A
T>C
T>G
P-0044805-T01-IM6: 31 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

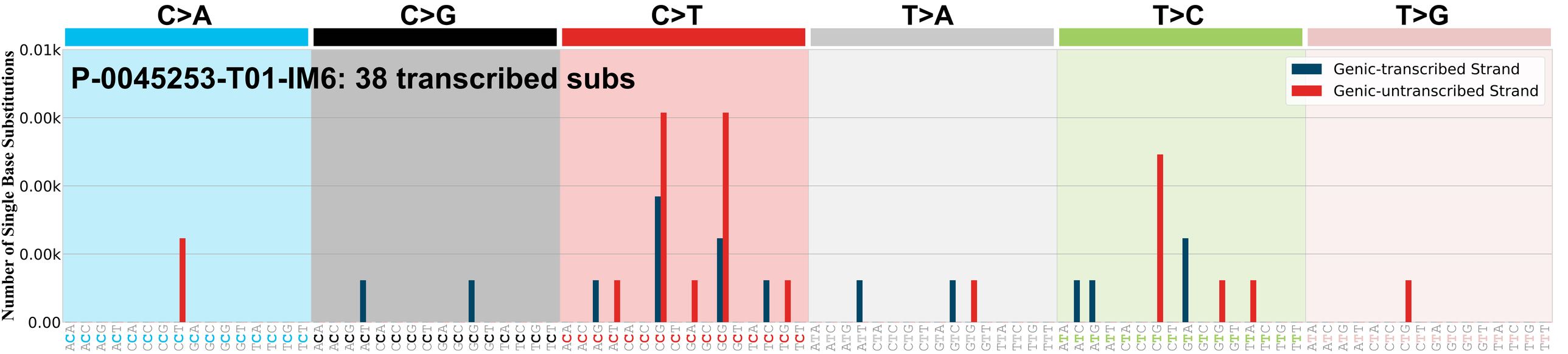

C>A
C>G
C>T
T>A
T>C
T>G
P-0044833-T01-IM6: 59 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

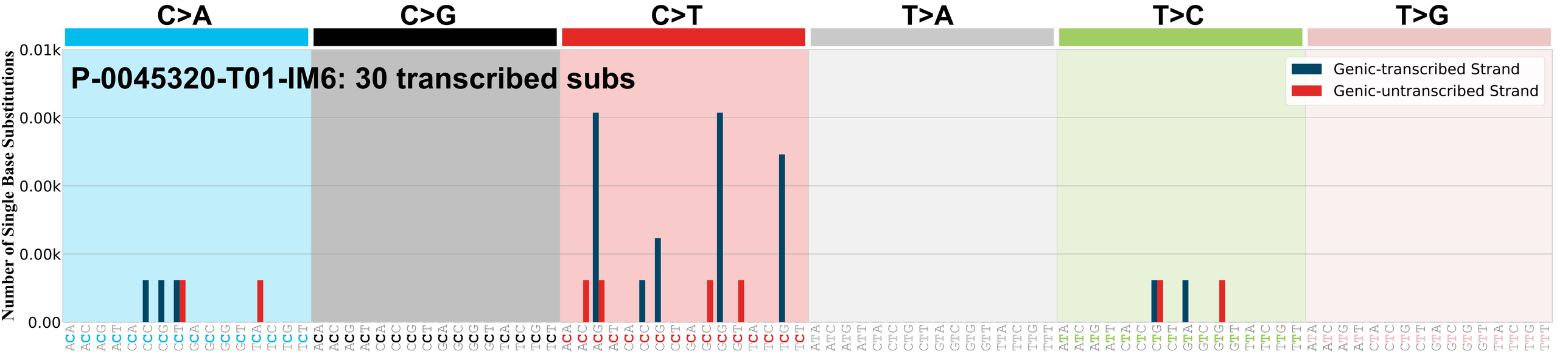

C>A
C>G
C>T
T>A
T>C
T>G
P-0044858-T01-IM6: 28 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

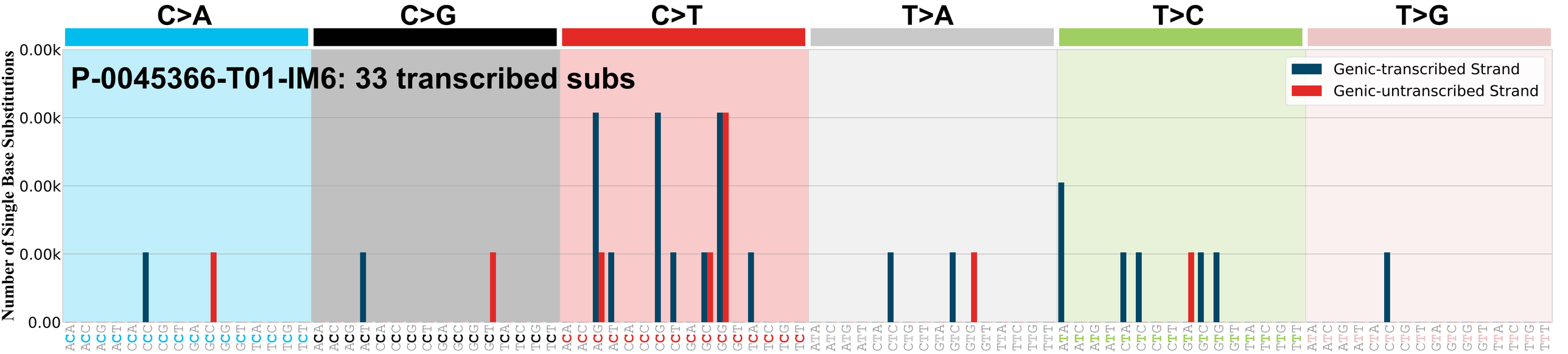

C>A
C>G
C>T
T>A
T>C
T>G
P-0045009-T01-IM6: 25 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

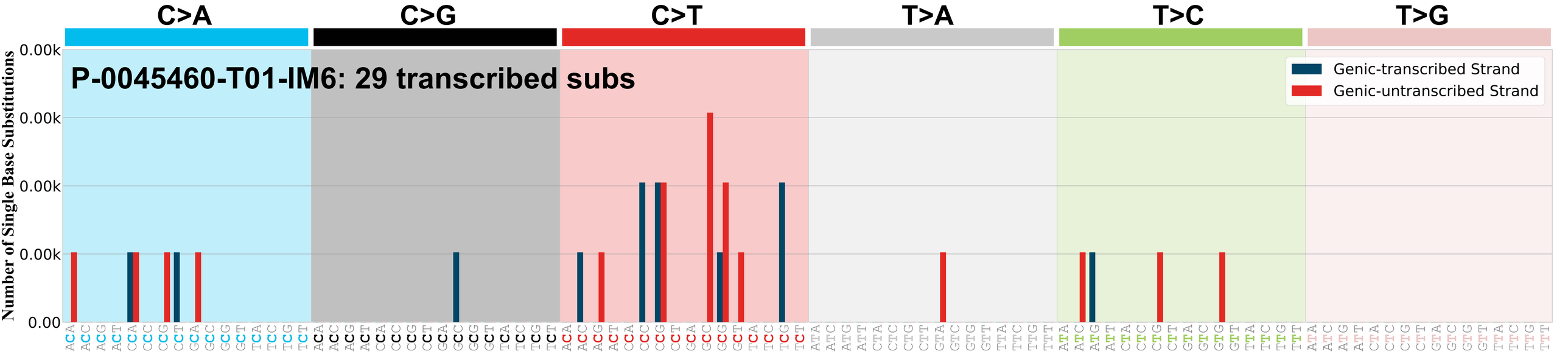

C>A
C>G
C>T
T>A
T>C
T>G
P-0045111-T01-IM6: 50 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

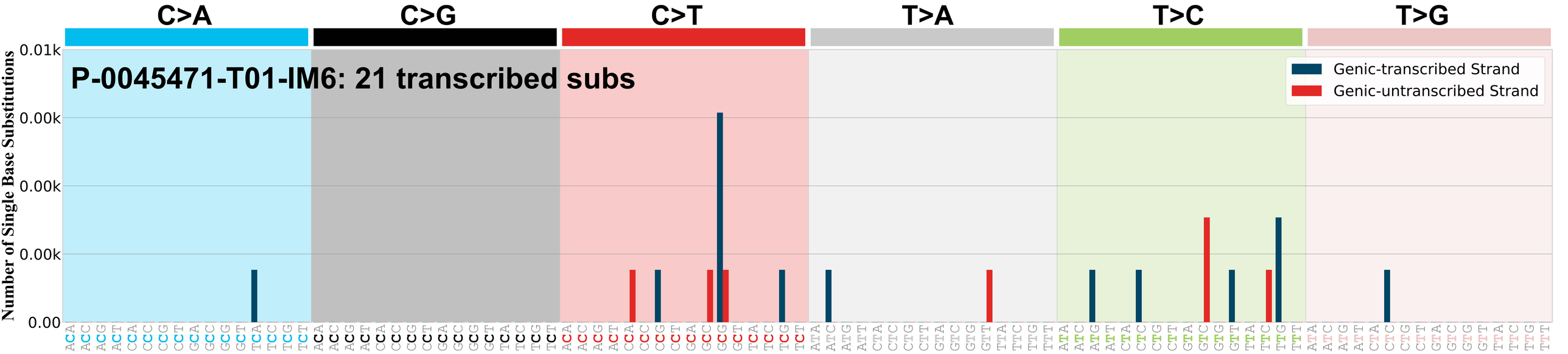

C>A
C>G
C>T
T>A
T>C
T>G
P-0045223-T01-IM6: 21 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

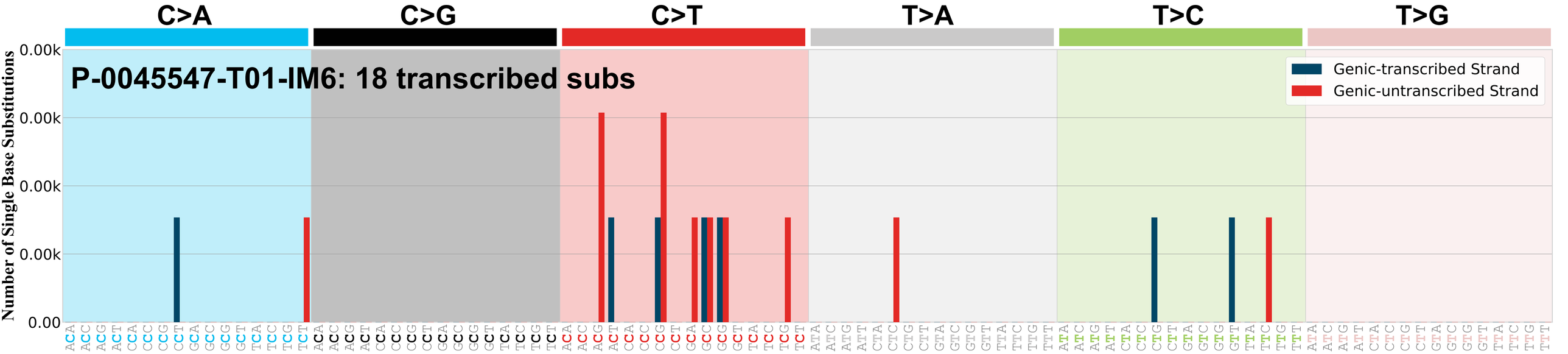

C>A
C>G
C>T
T>A
T>C
T>G
P-0045253-T01-IM6: 38 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

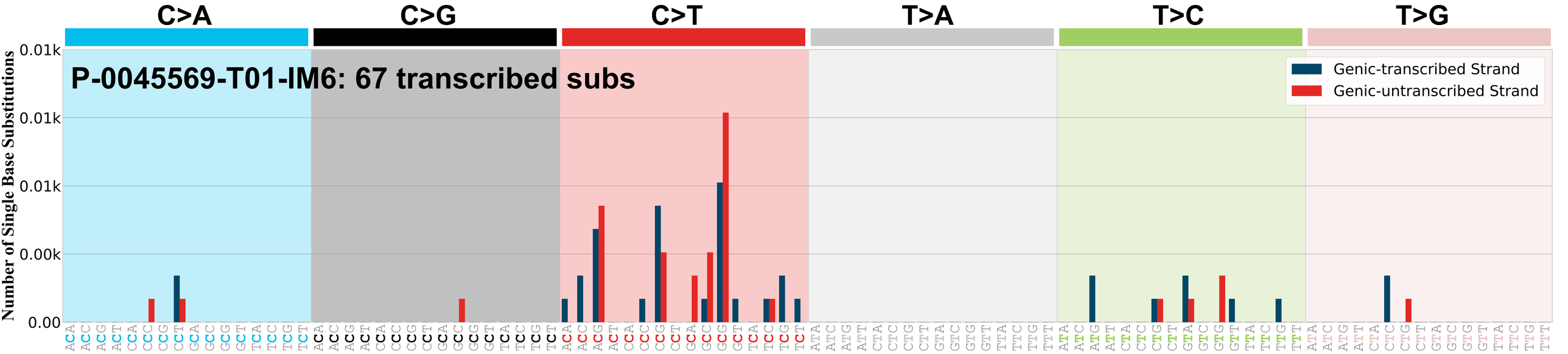

C>A
C>G
C>T
T>A
T>C
T>G
P-0045320-T01-IM6: 30 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

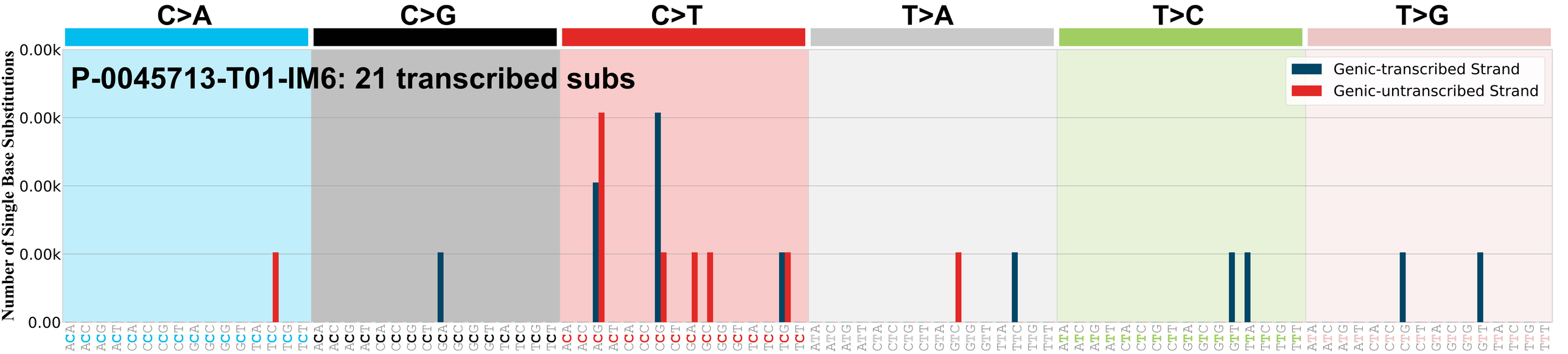

C>A
C>G
C>T
T>A
T>C
T>G
P-0045366-T01-IM6: 33 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0045460-T01-IM6: 29 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0045471-T01-IM6: 21 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0045547-T01-IM6: 18 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0045569-T01-IM6: 67 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0045713-T01-IM6: 21 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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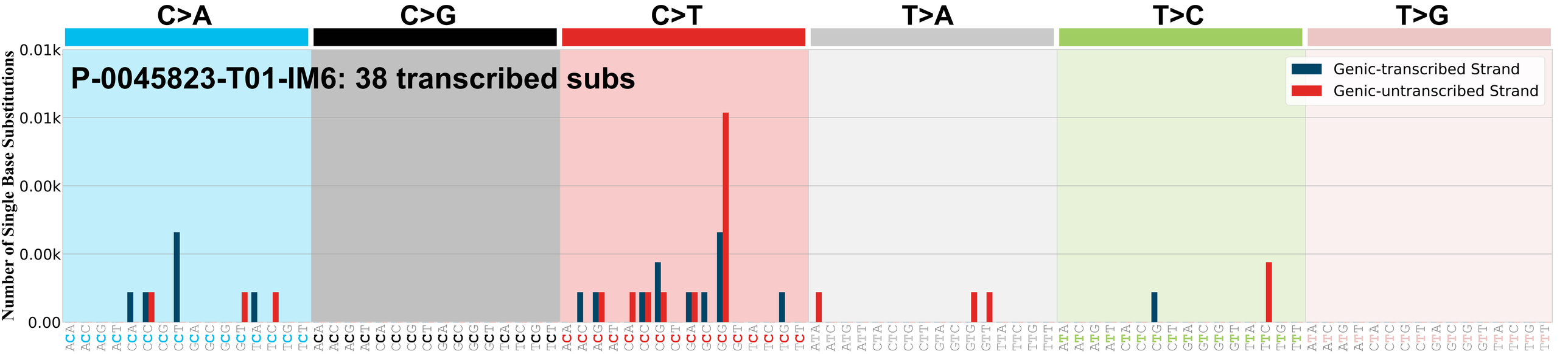
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0045823-T01-IM6: 38 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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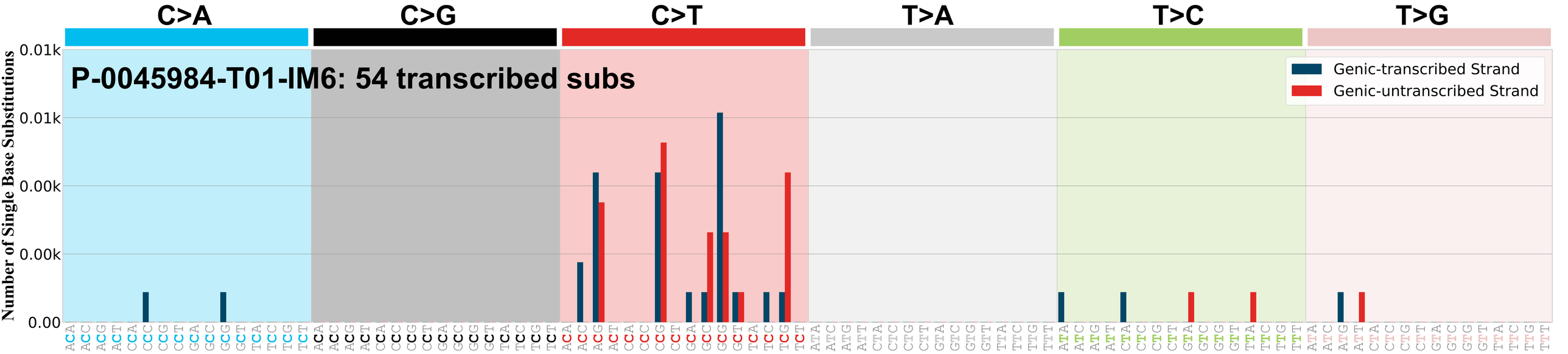
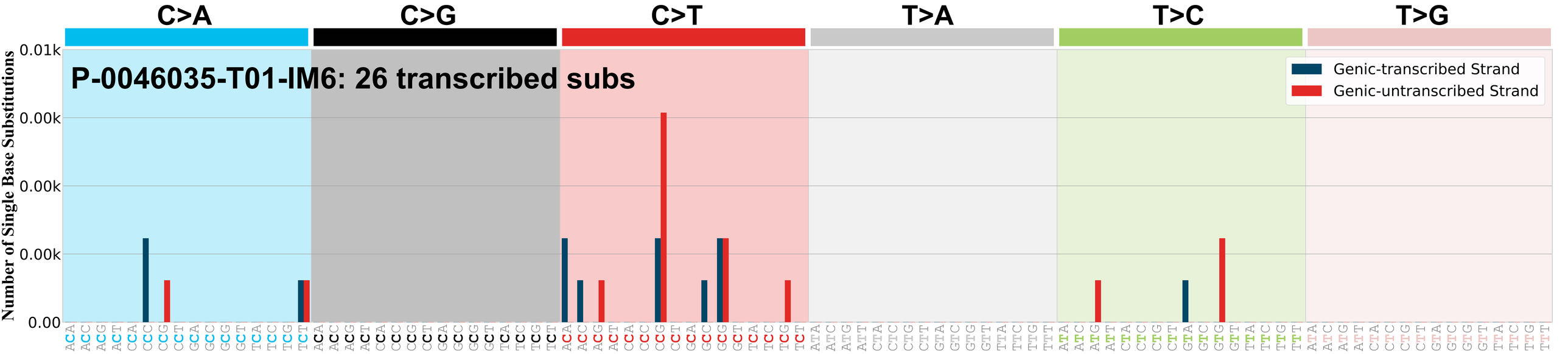
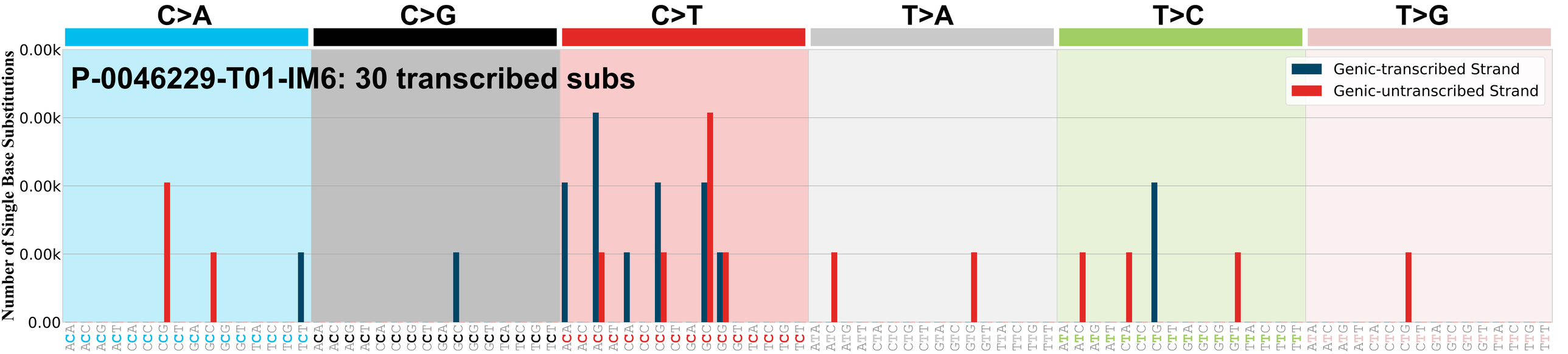
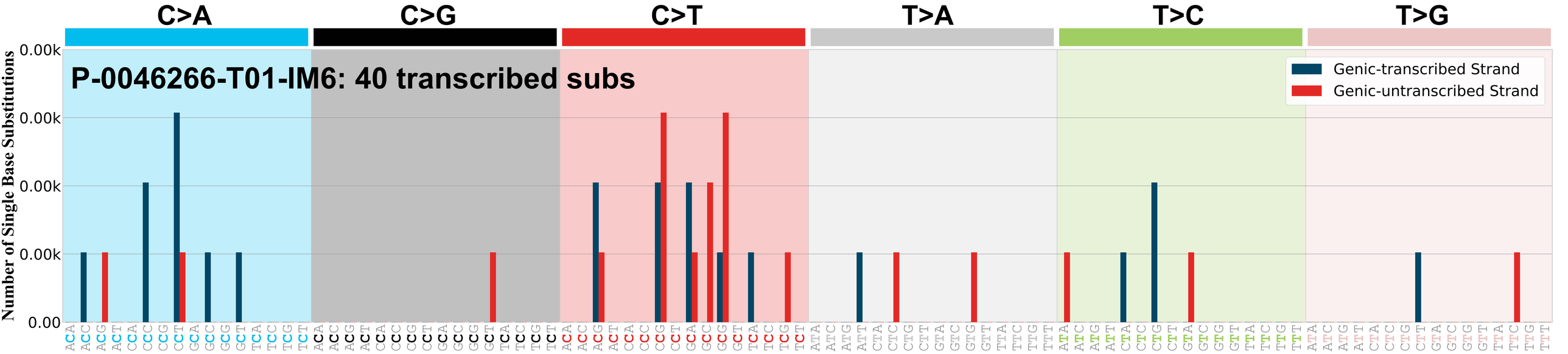
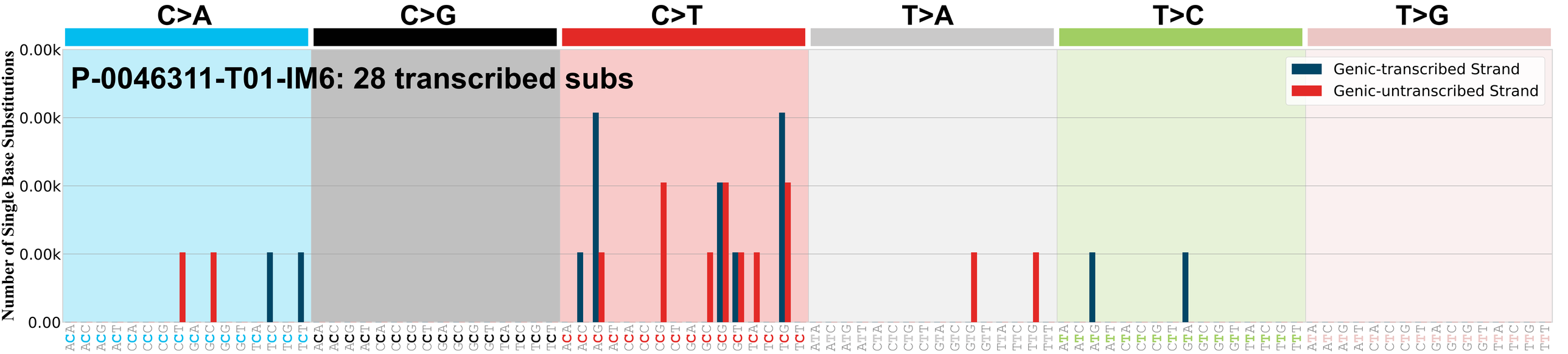
0.01k
0.00k
0.00k
0.00

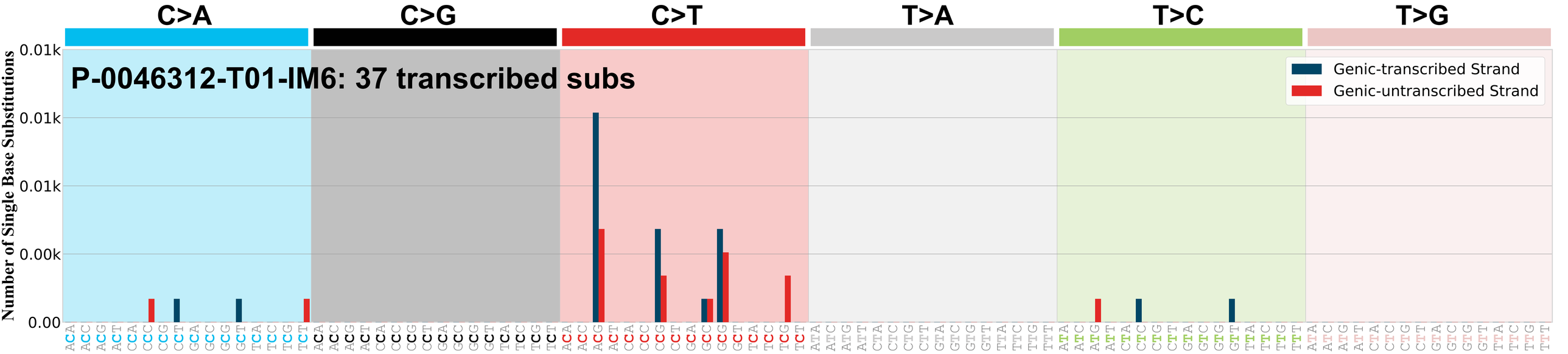

C>A
C>G
C>T
T>A
T>C
T>G
P-0045984-T01-IM6: 54 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

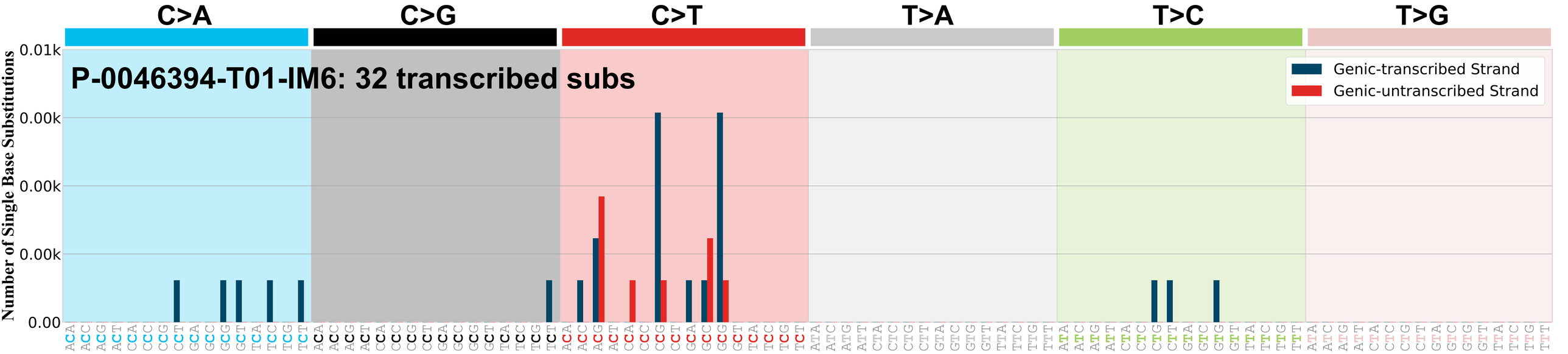

C>A
C>G
C>T
T>A
T>C
T>G
P-0046035-T01-IM6: 26 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

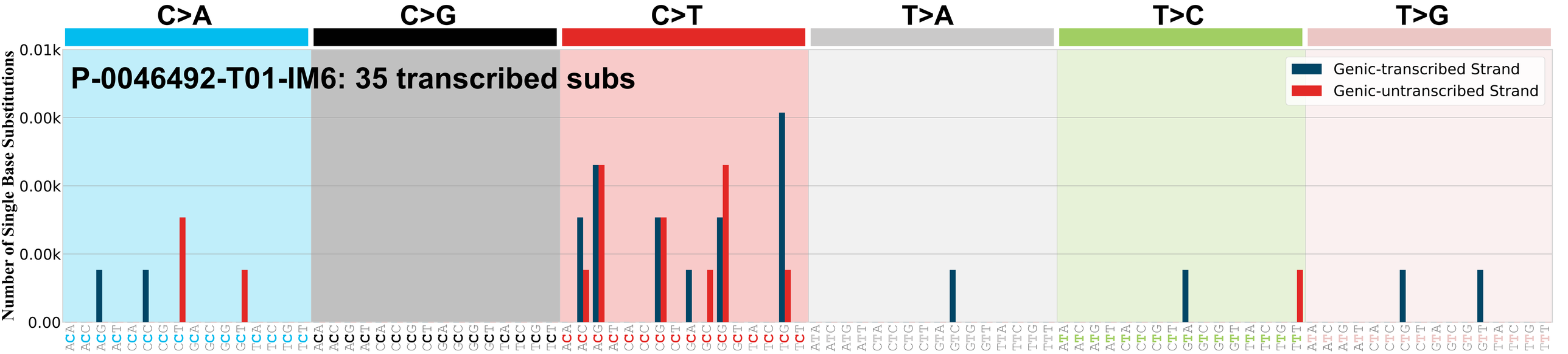

C>A
C>G
C>T
T>A
T>C
T>G
P-0046229-T01-IM6: 30 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

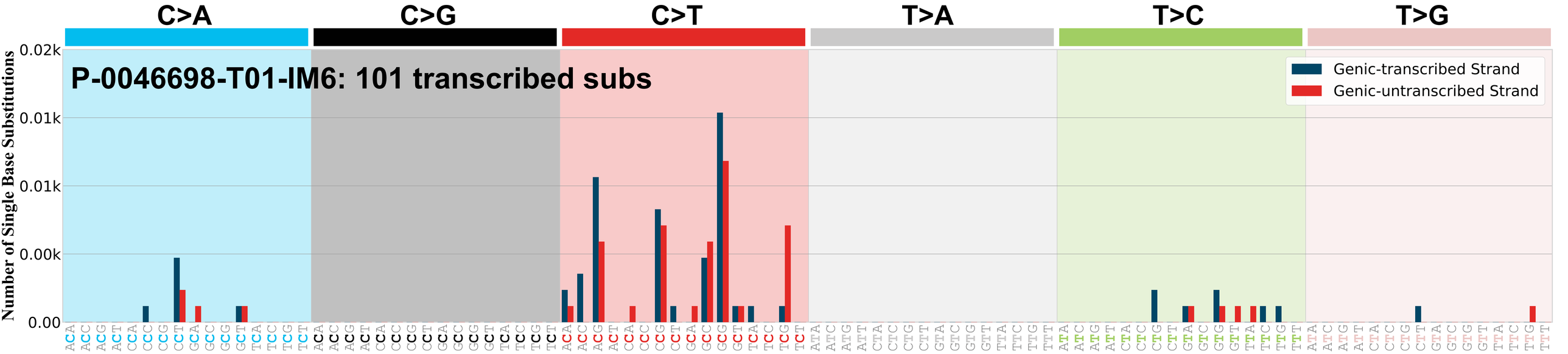

C>A
C>G
C>T
T>A
T>C
T>G
P-0046266-T01-IM6: 40 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

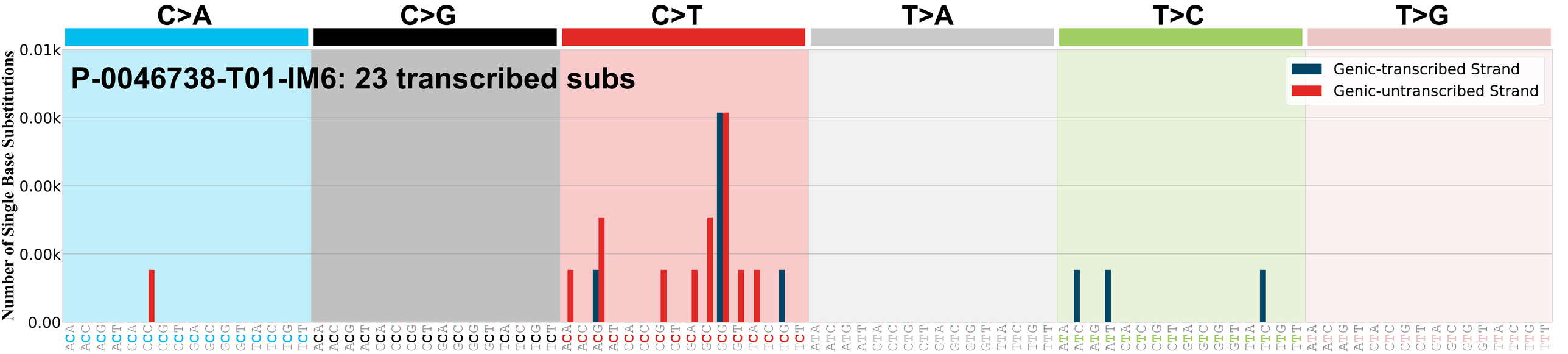

C>A
C>G
C>T
T>A
T>C
T>G
P-0046311-T01-IM6: 28 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

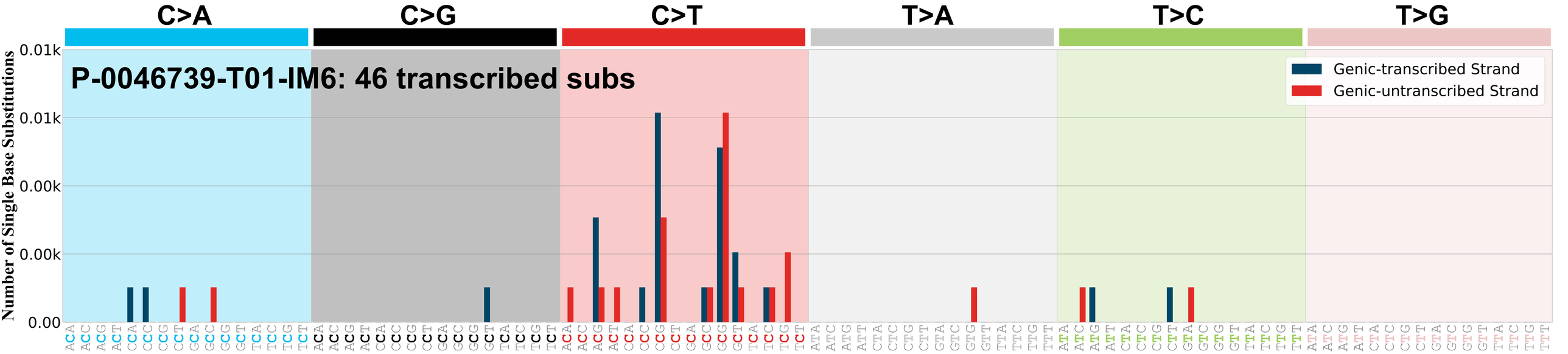

C>A
C>G
C>T
T>A
T>C
T>G
P-0046312-T01-IM6: 37 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

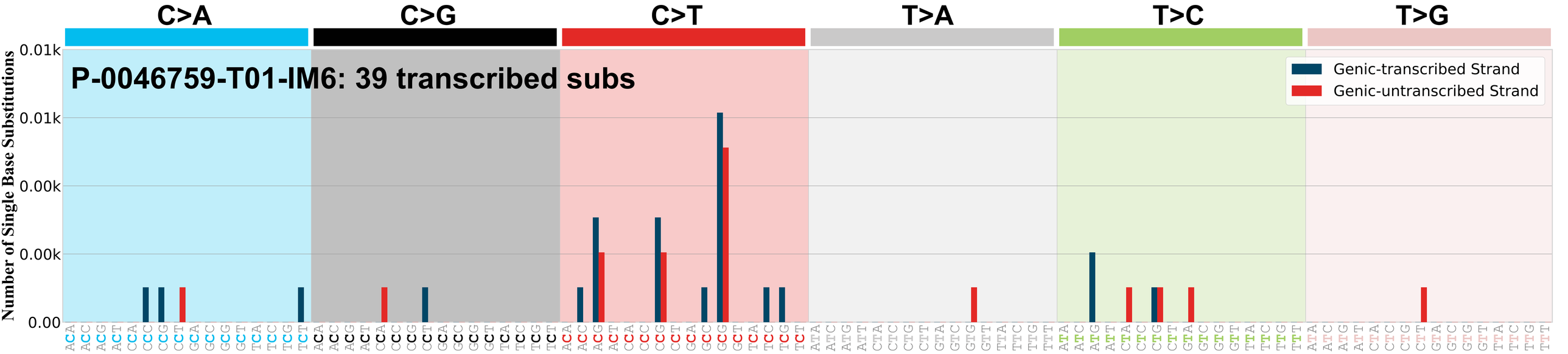

C>A
C>G
C>T
T>A
T>C
T>G
P-0046394-T01-IM6: 32 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

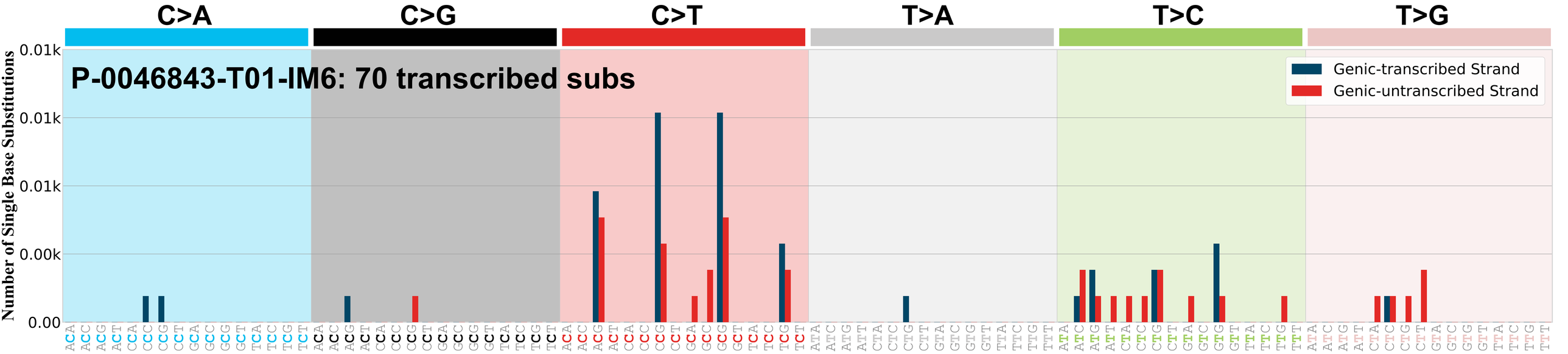

C>A
C>G
C>T
T>A
T>C
T>G
P-0046492-T01-IM6: 35 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

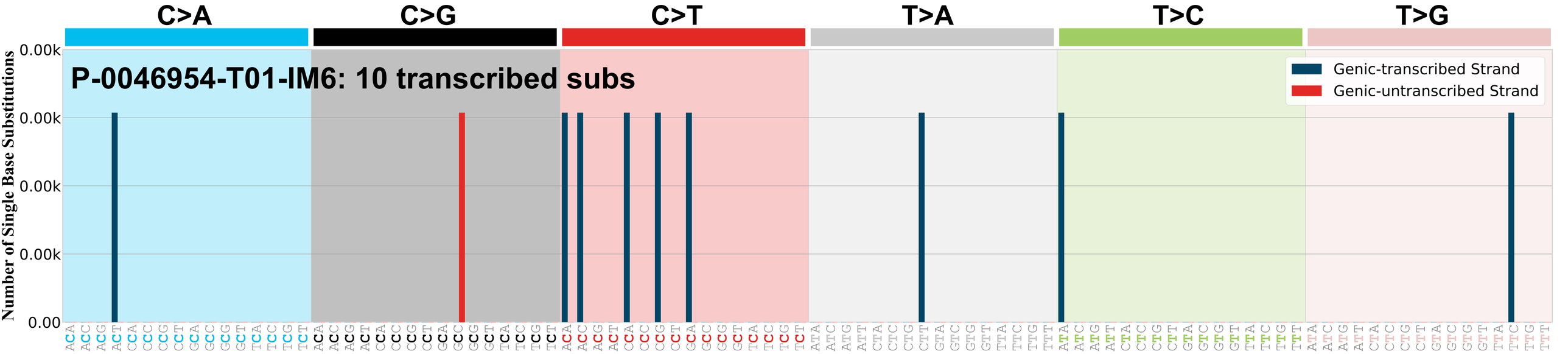

C>A
C>G
C>T
T>A
T>C
T>G
P-0046698-T01-IM6: 101 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00

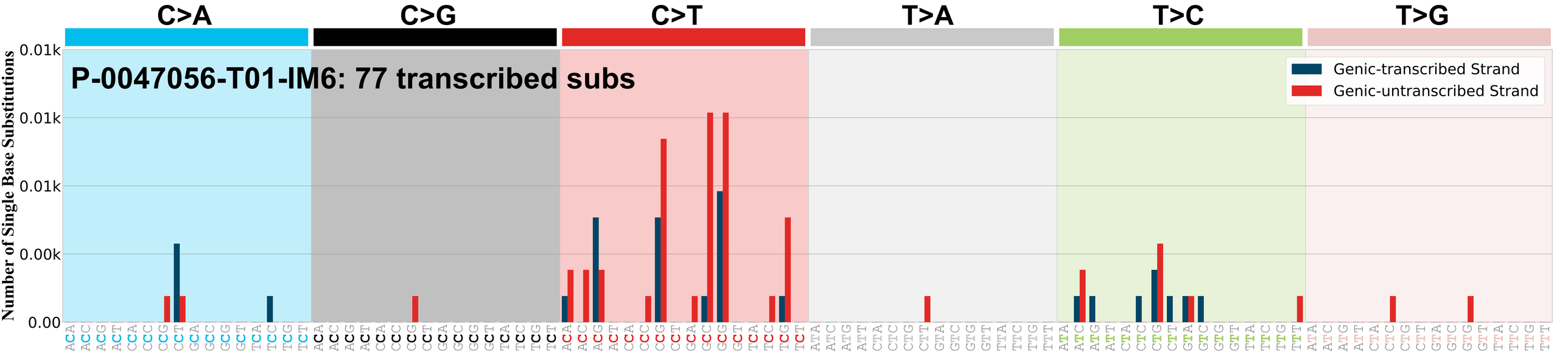

C>A
C>G
C>T
T>A
T>C
T>G
P-0046738-T01-IM6: 23 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

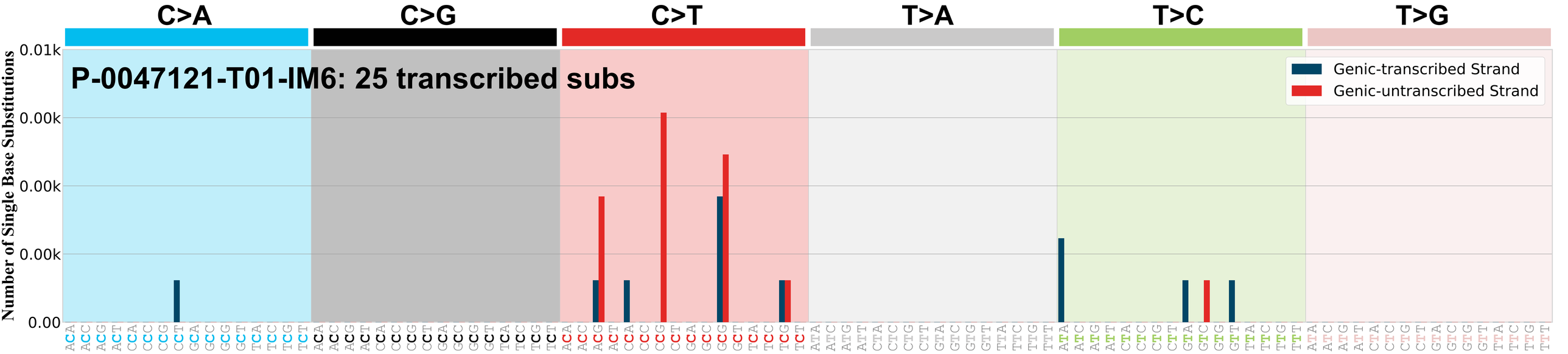

C>A
C>G
C>T
T>A
T>C
T>G
P-0046739-T01-IM6: 46 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

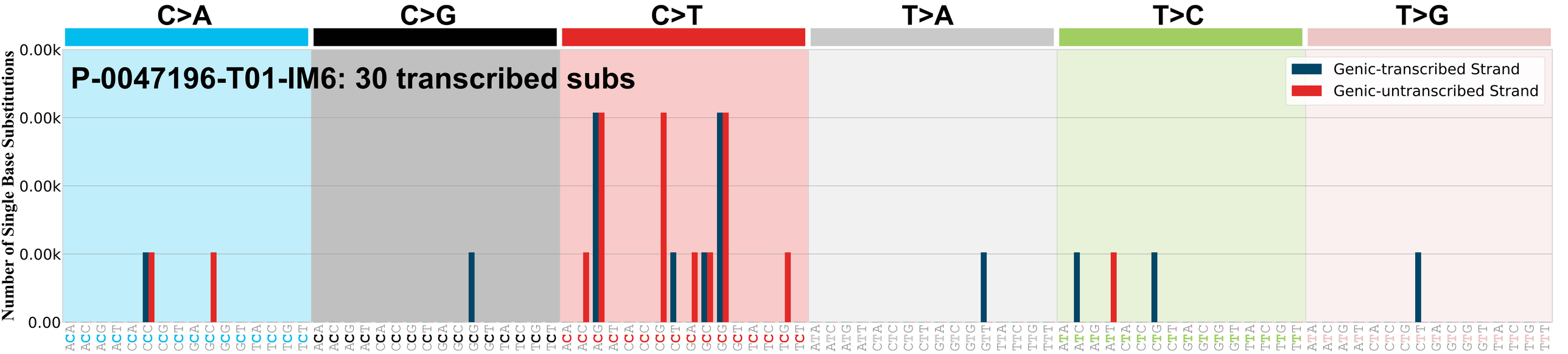

C>A
C>G
C>T
T>A
T>C
T>G
P-0046759-T01-IM6: 39 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT

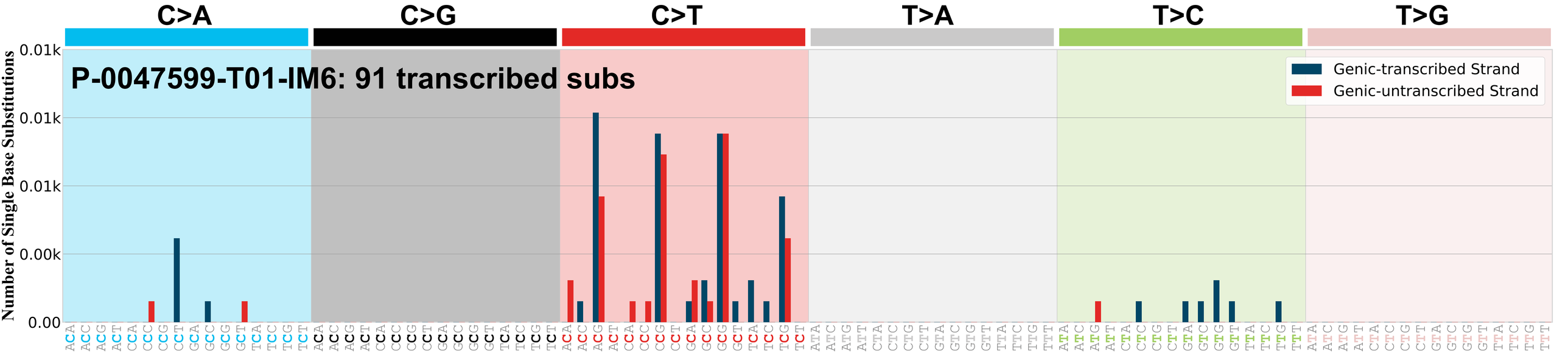

C>A
C>G
C>T
T>A
T>C
T>G
P-0046843-T01-IM6: 70 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

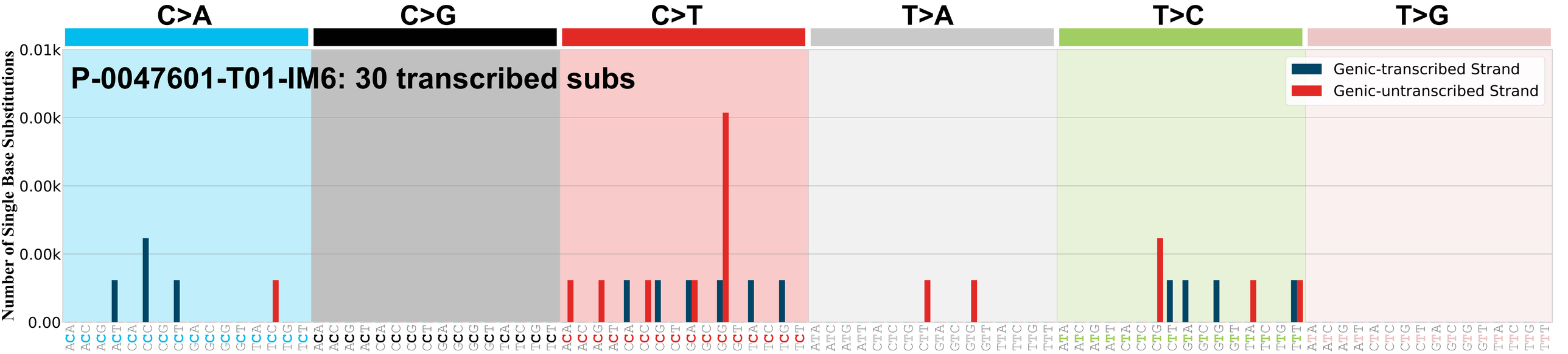

C>A
C>G
C>T
T>A
T>C
T>G
P-0046954-T01-IM6: 10 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

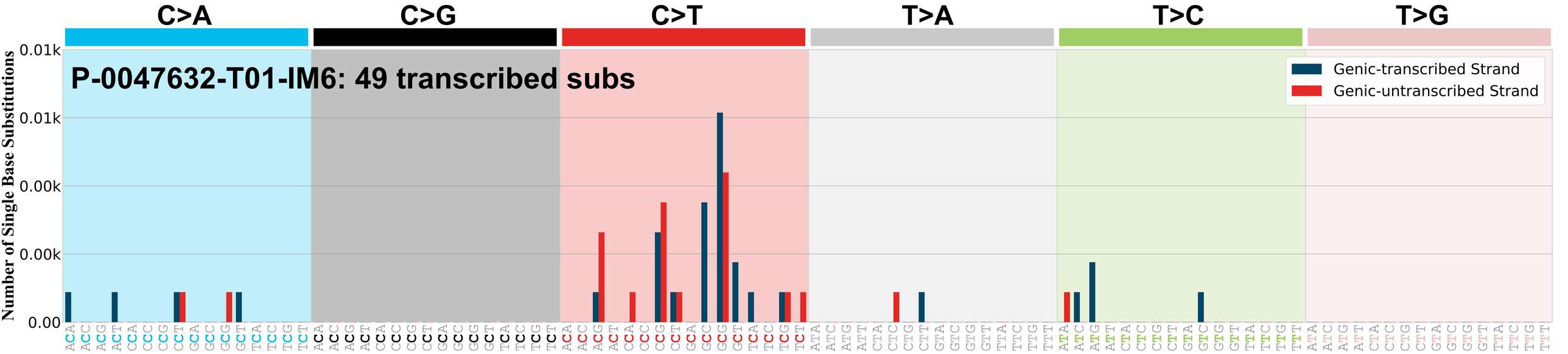

C>A
C>G
C>T
T>A
T>C
T>G
P-0047056-T01-IM6: 77 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

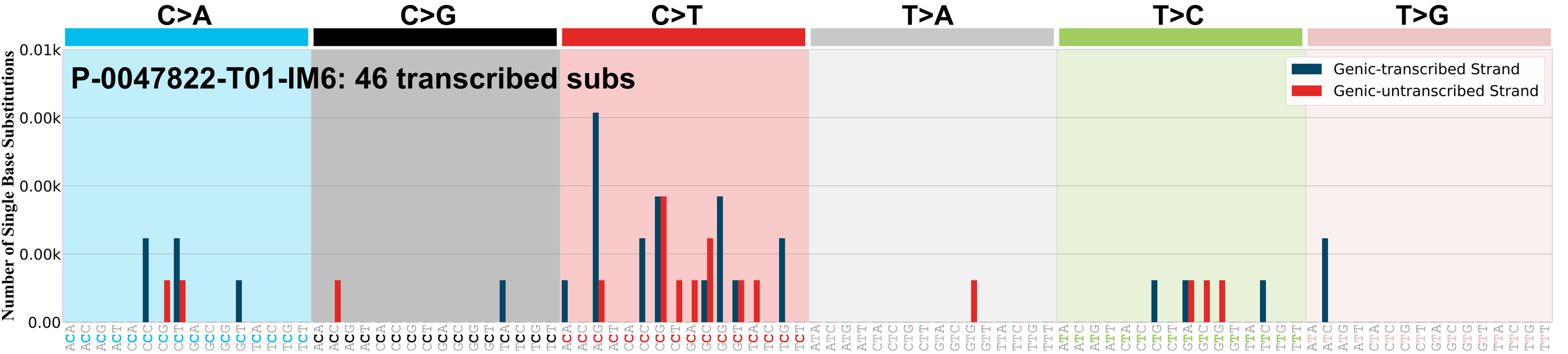

C>A
C>G
C>T
T>A
T>C
T>G
P-0047121-T01-IM6: 25 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

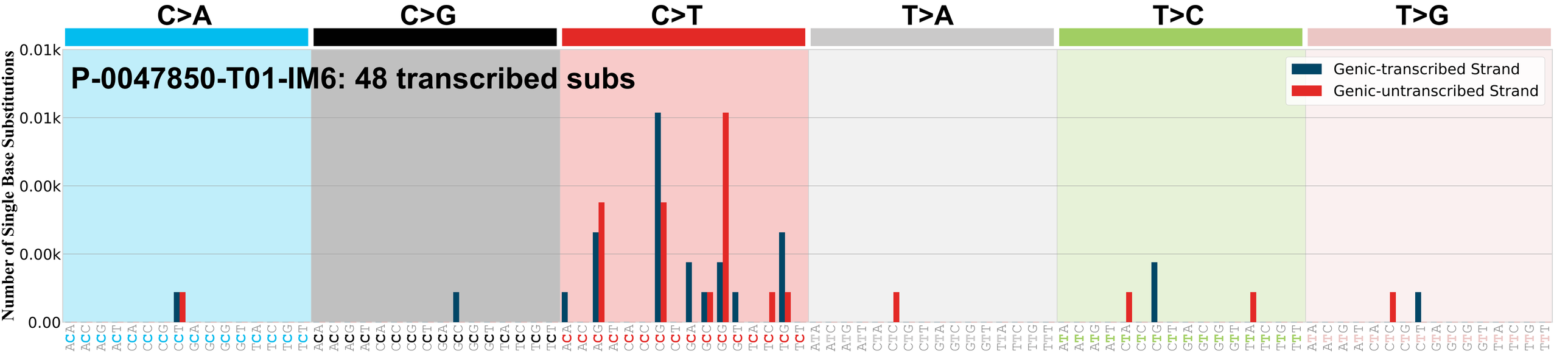

C>A
C>G
C>T
T>A
T>C
T>G
P-0047196-T01-IM6: 30 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT

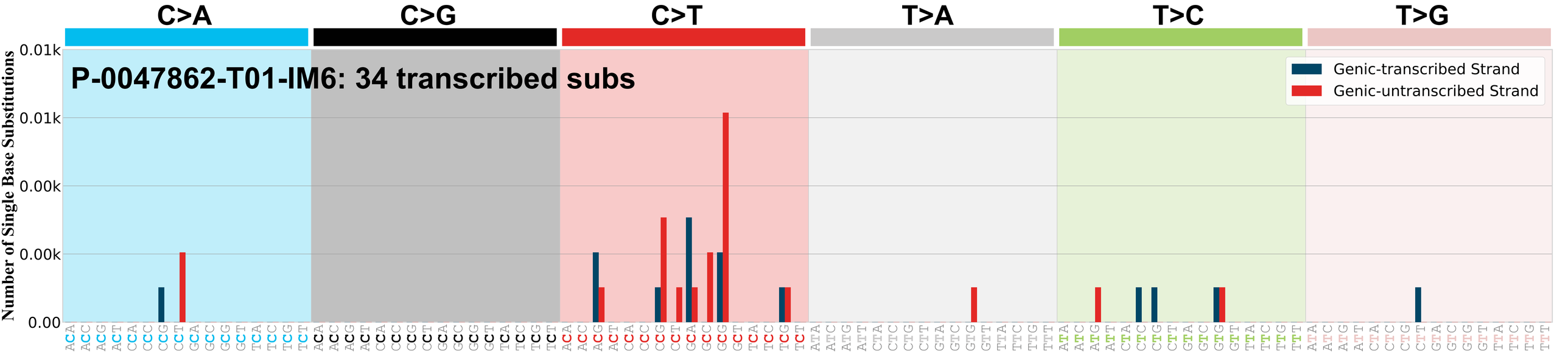

C>A
C>G
C>T
T>A
T>C
T>G
P-0047599-T01-IM6: 91 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

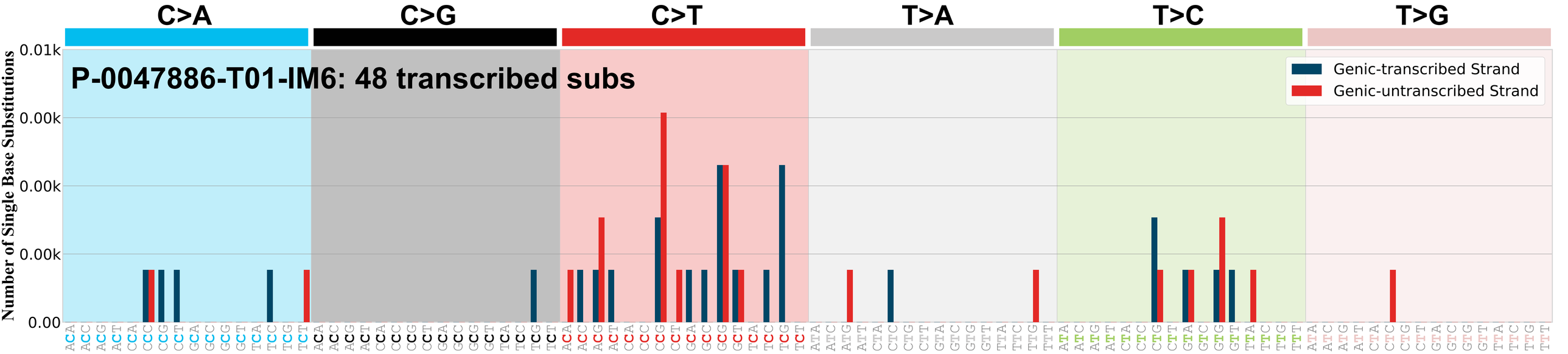

C>A
C>G
C>T
T>A
T>C
T>G
P-0047601-T01-IM6: 30 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

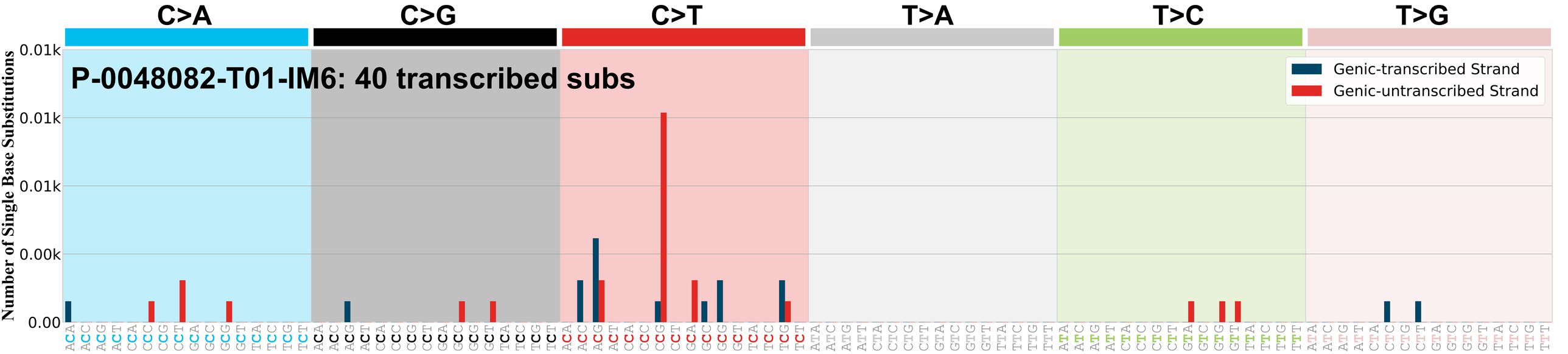

C>A
C>G
C>T
T>A
T>C
T>G
P-0047632-T01-IM6: 49 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

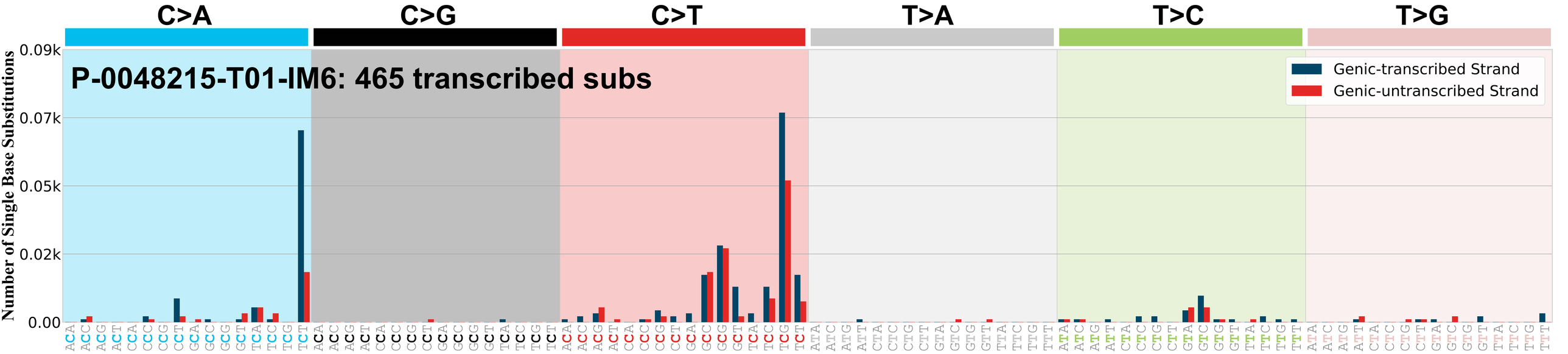

C>A
C>G
C>T
T>A
T>C
T>G
P-0047822-T01-IM6: 46 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

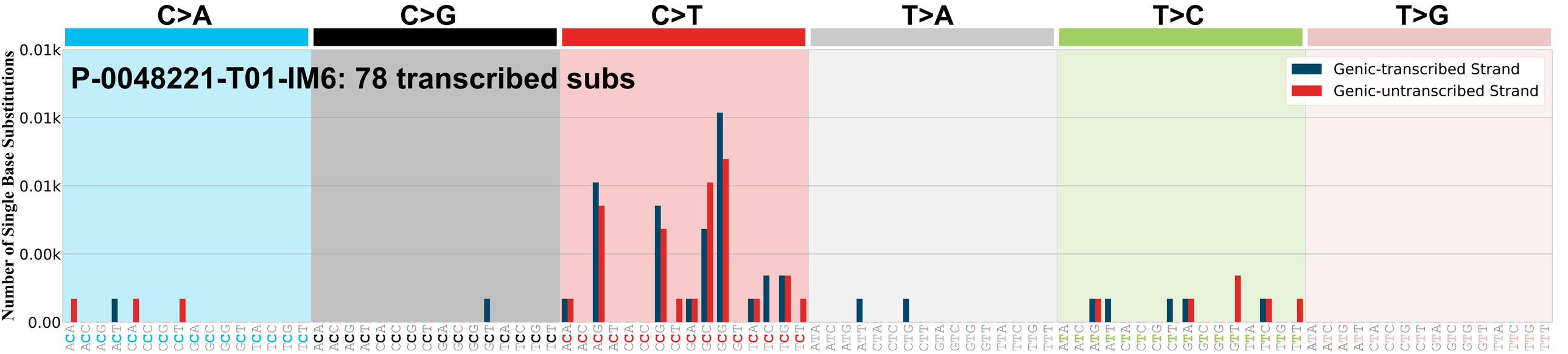

C>A
C>G
C>T
T>A
T>C
T>G
P-0047850-T01-IM6: 48 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

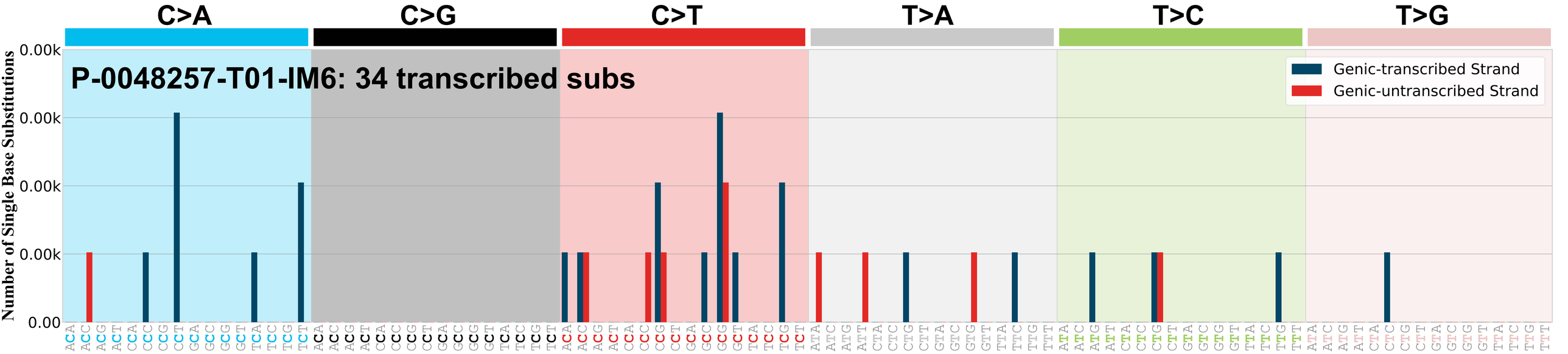

C>A
C>G
C>T
T>A
T>C
T>G
P-0047862-T01-IM6: 34 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

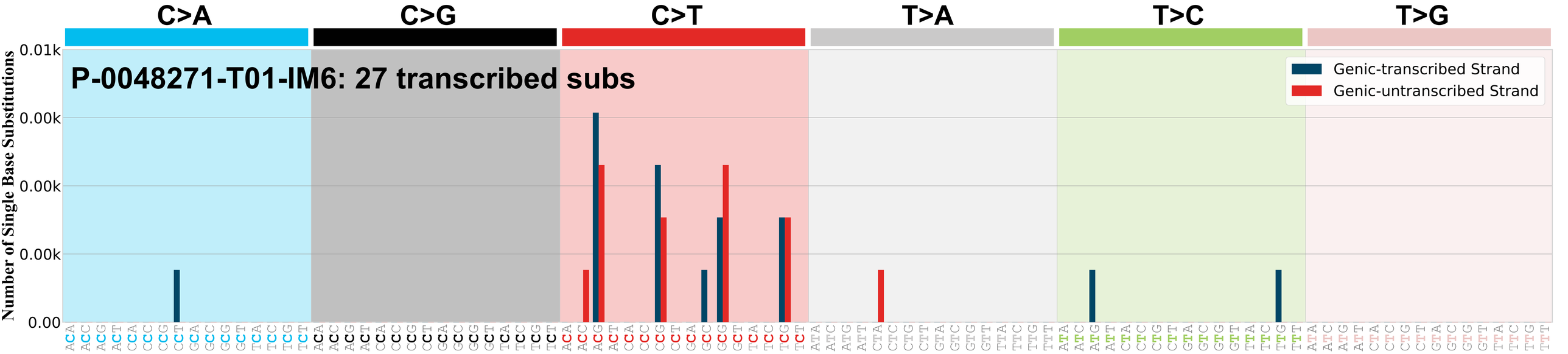

C>A
C>G
C>T
T>A
T>C
T>G
P-0047886-T01-IM6: 48 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

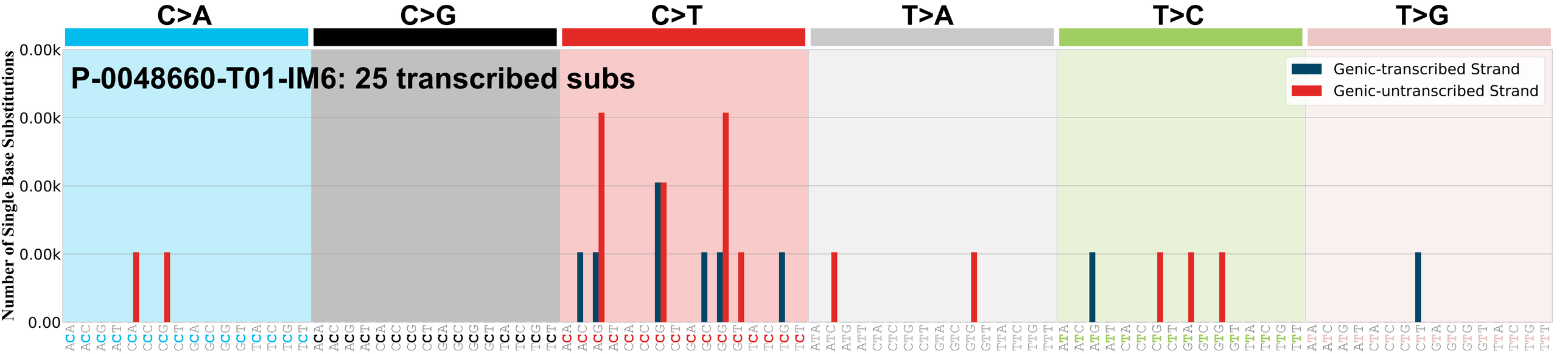

C>A
C>G
C>T
T>A
T>C
T>G
P-0048082-T01-IM6: 40 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

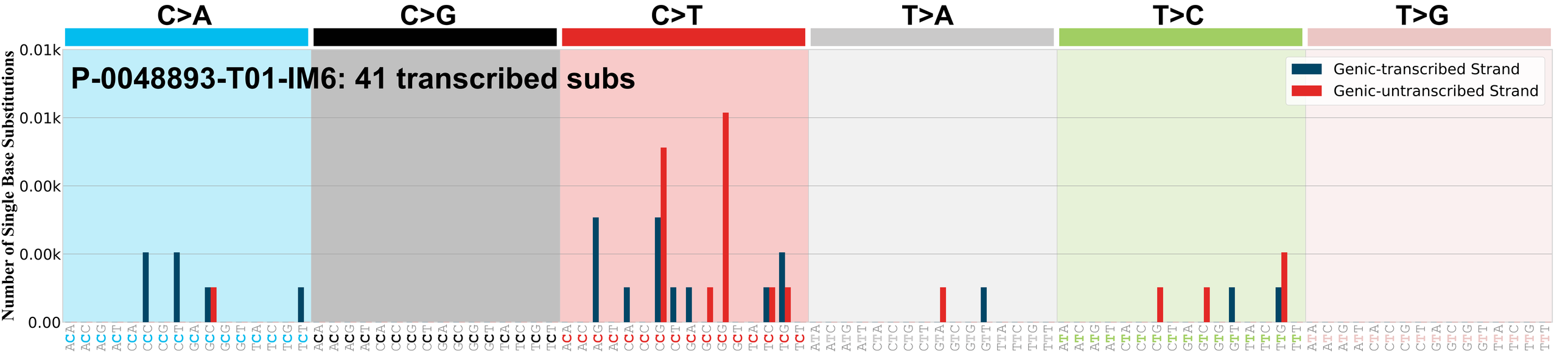

C>A
C>G
C>T
T>A
T>C
T>G
P-0048215-T01-IM6: 465 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.09k
0.07k
0.05k
0.02k
0.00

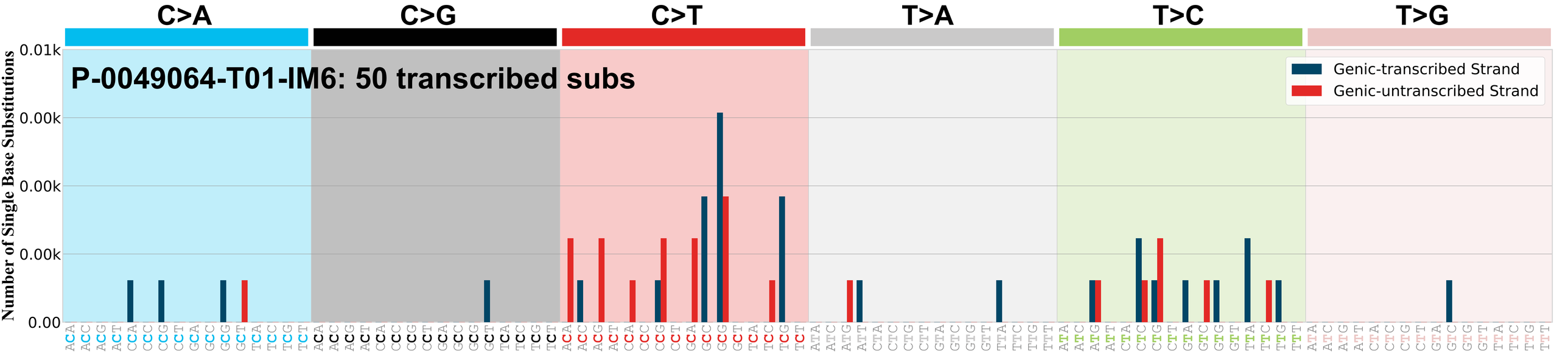

C>A
C>G
C>T
T>A
T>C
T>G
P-0048221-T01-IM6: 78 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00

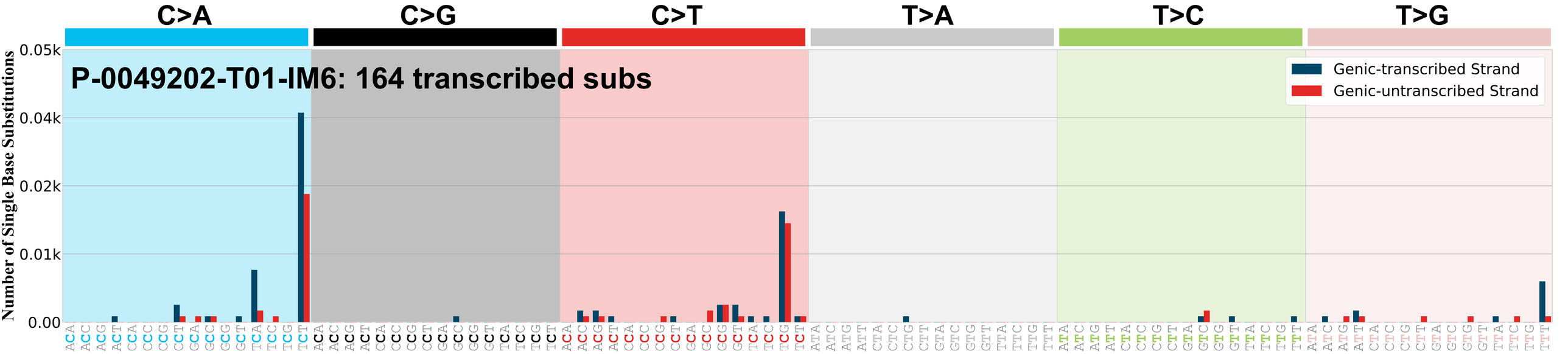

C>A
C>G
C>T
T>A
T>C
T>G
P-0048257-T01-IM6: 34 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

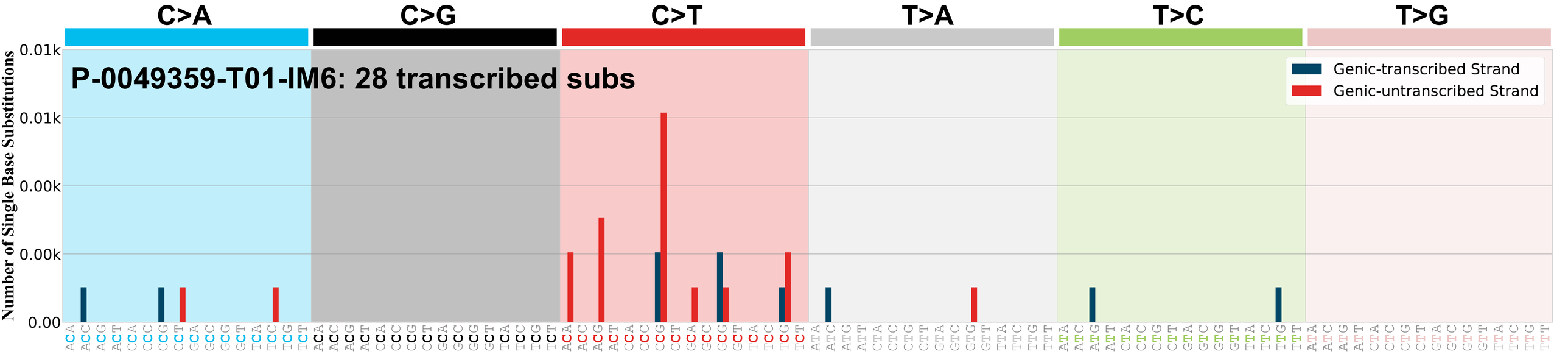

C>A
C>G
C>T
T>A
T>C
T>G
P-0048271-T01-IM6: 27 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

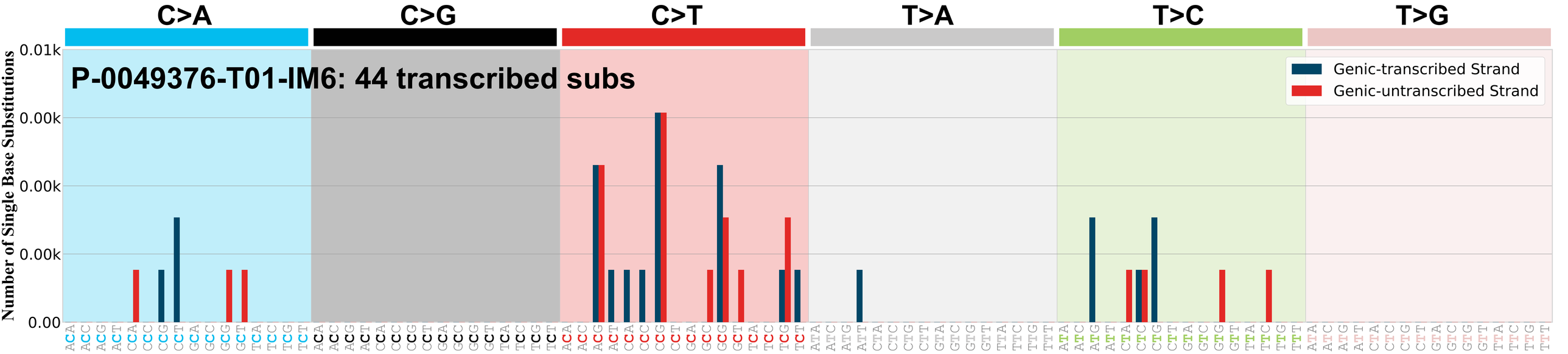

C>A
C>G
C>T
T>A
T>C
T>G
P-0048660-T01-IM6: 25 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

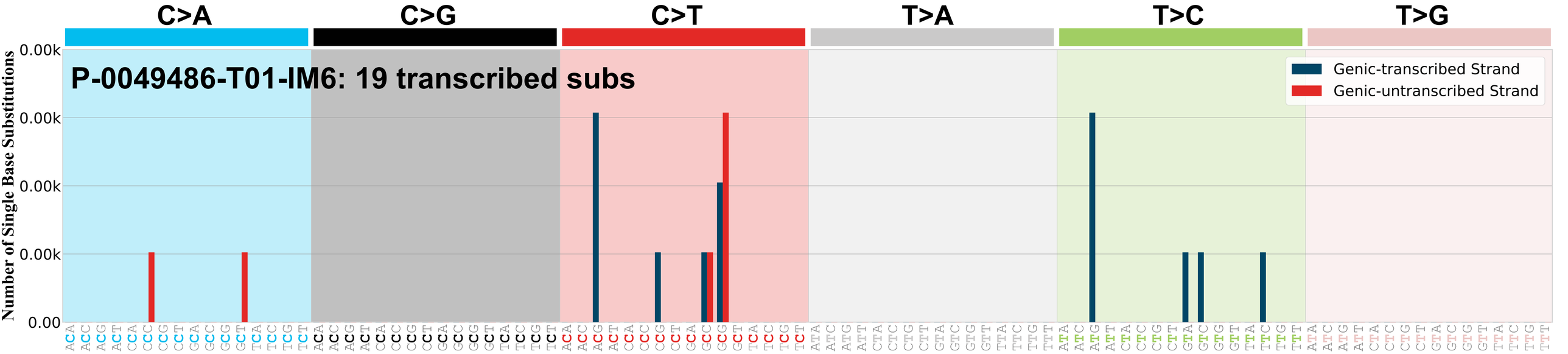

C>A
C>G
C>T
T>A
T>C
T>G
P-0048893-T01-IM6: 41 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

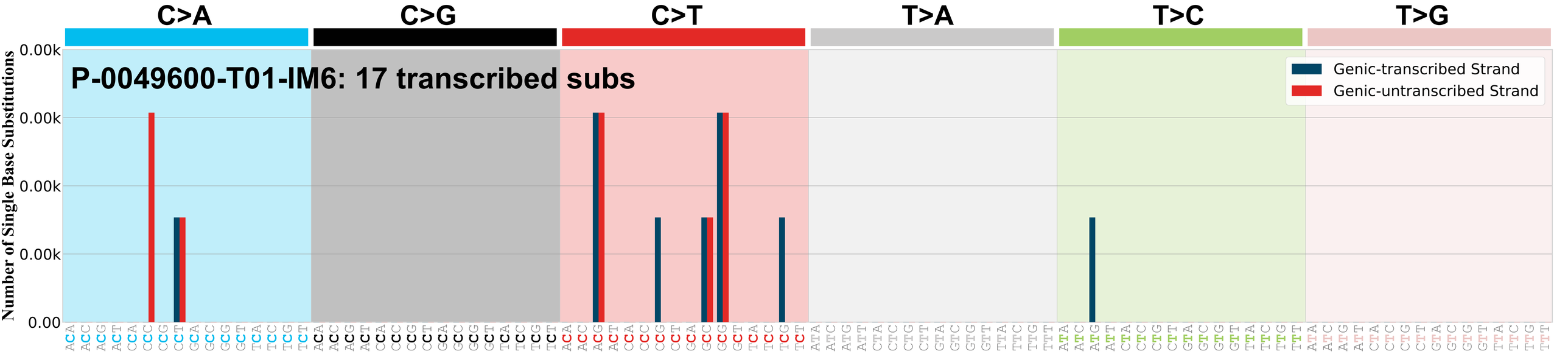

C>A
C>G
C>T
T>A
T>C
T>G
P-0049064-T01-IM6: 50 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

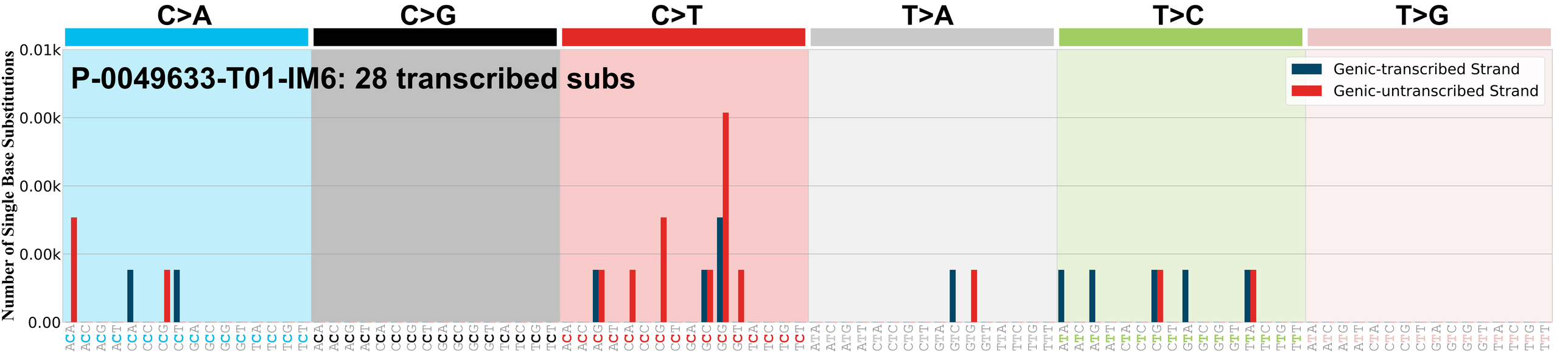

C>A
C>G
C>T
T>A
T>C
T>G
P-0049202-T01-IM6: 164 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.05k
0.04k
0.02k
0.01k
0.00

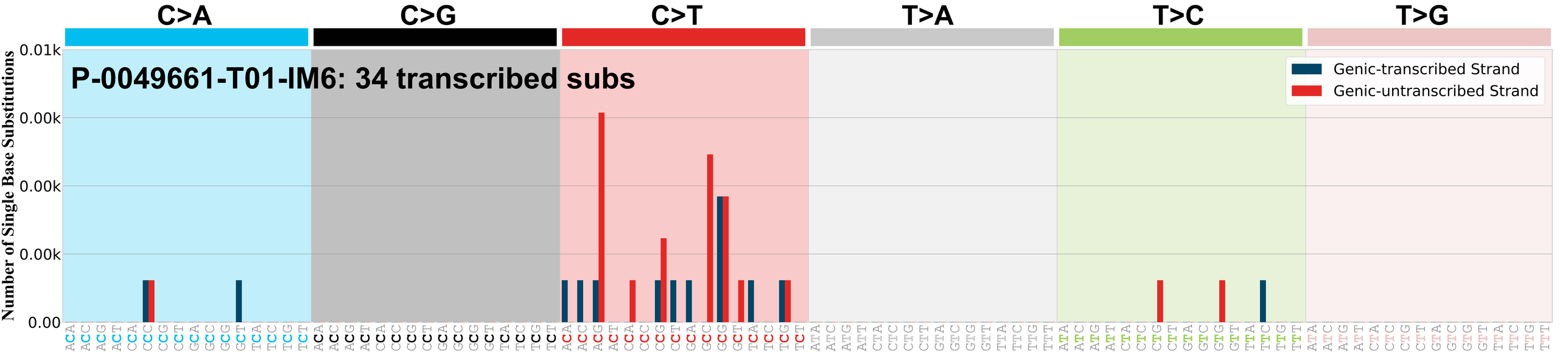

C>A
C>G
C>T
T>A
T>C
T>G
P-0049359-T01-IM6: 28 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00

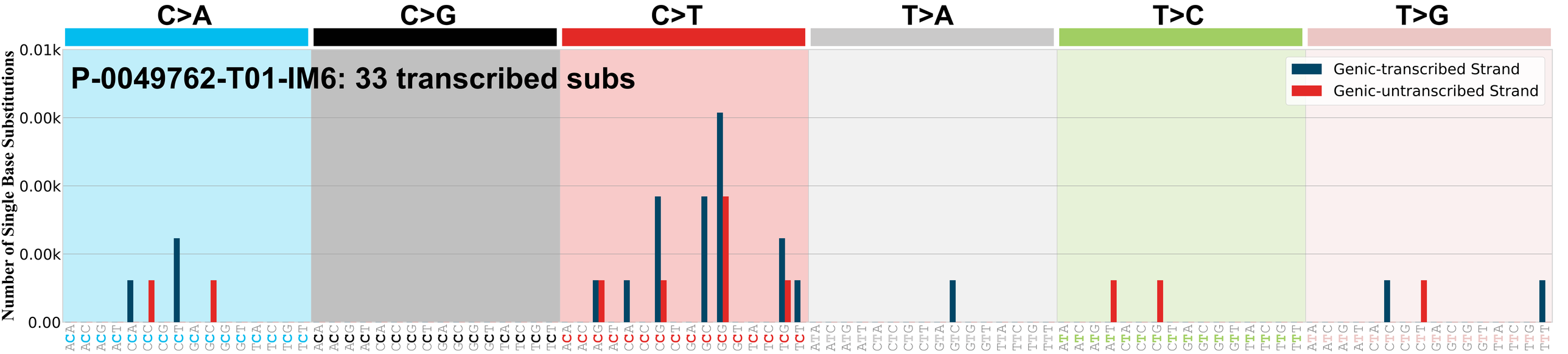

C>A
C>G
C>T
T>A
T>C
T>G
P-0049376-T01-IM6: 44 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00

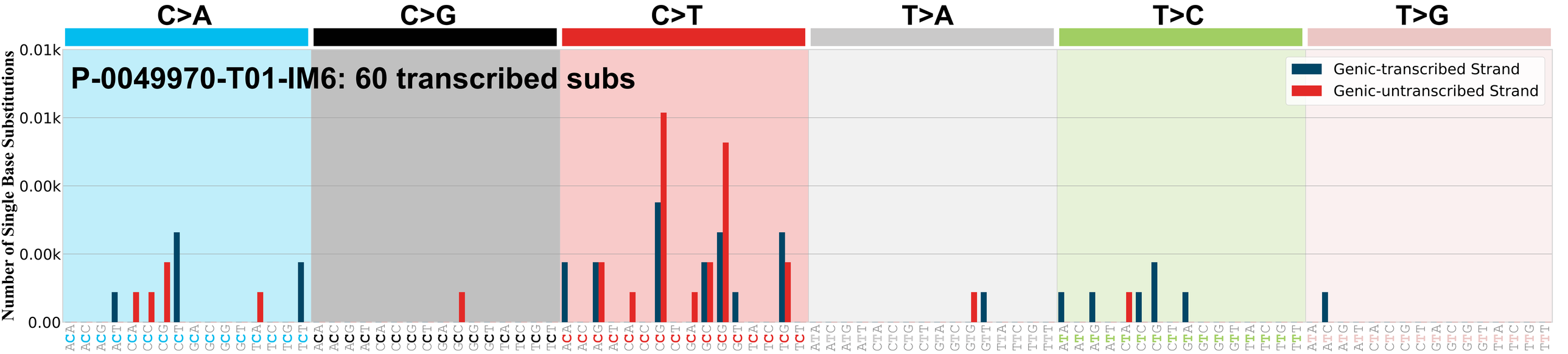

C>A
C>G
C>T
T>A
T>C
T>G
P-0049486-T01-IM6: 19 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

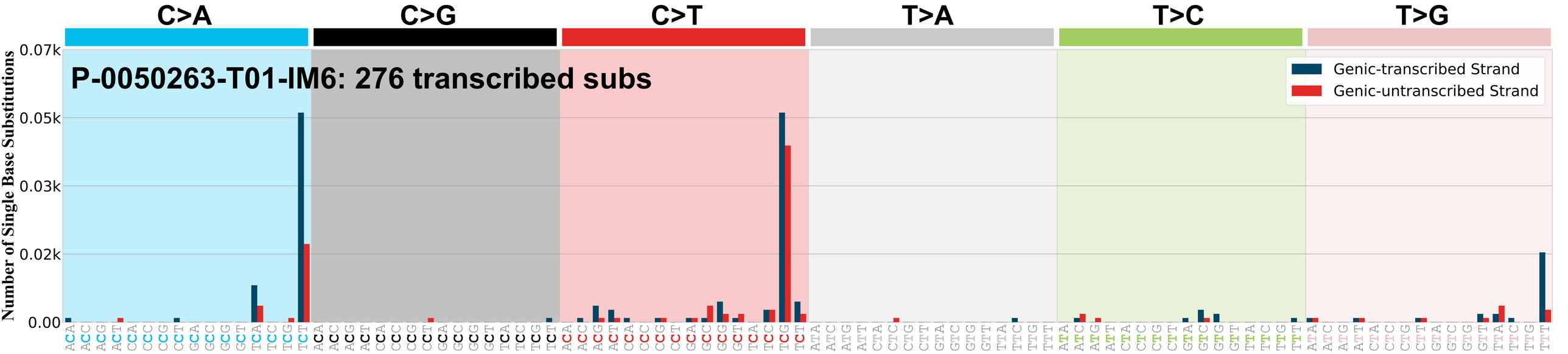

C>A
C>G
C>T
T>A
T>C
T>G
P-0049600-T01-IM6: 17 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

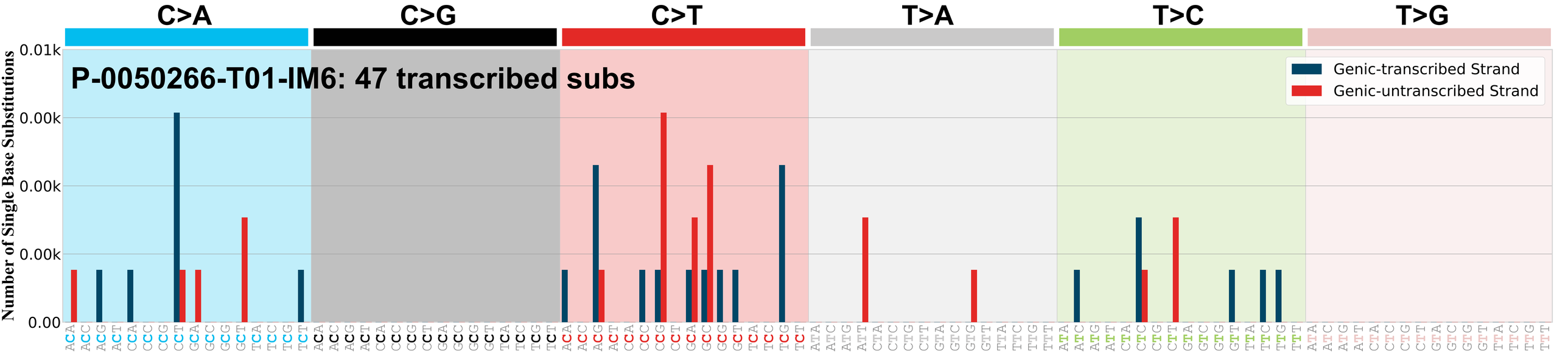

C>A
C>G
C>T
T>A
T>C
T>G
P-0049633-T01-IM6: 28 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0049661-T01-IM6: 34 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0049762-T01-IM6: 33 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0049970-T01-IM6: 60 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0050263-T01-IM6: 276 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.07k
0.05k
0.03k
0.02k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0050266-T01-IM6: 47 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00