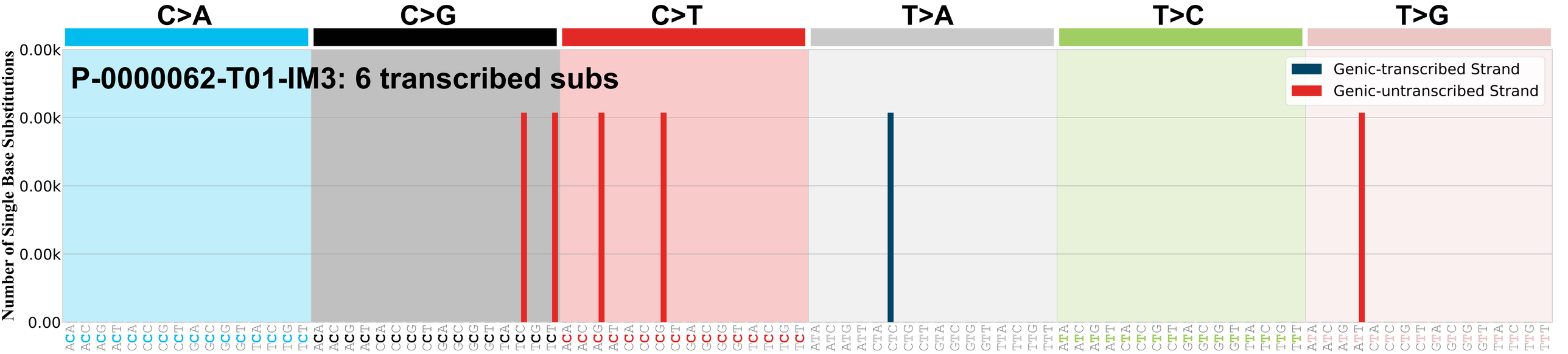
C>A
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C>T
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T>C
T>G
P-0000062-T01-IM3: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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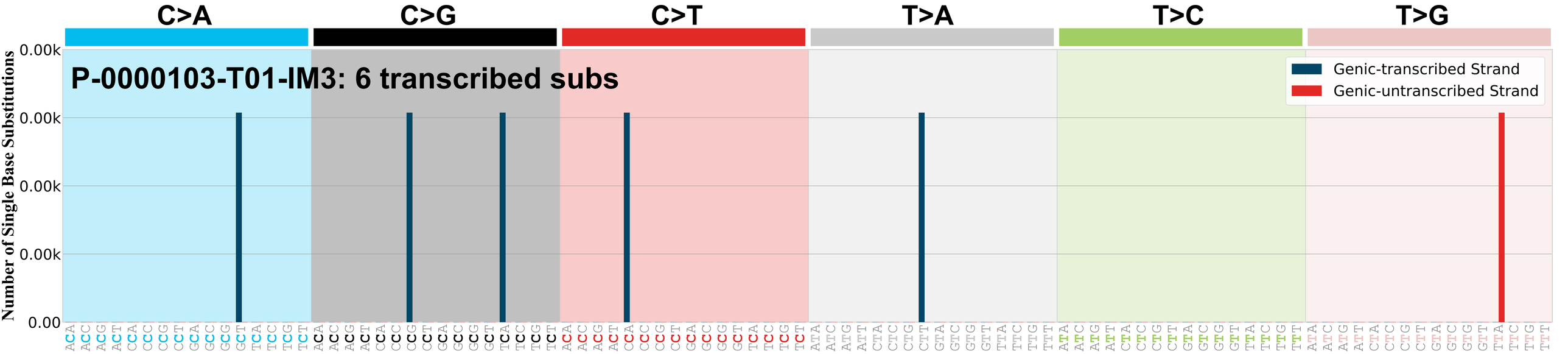
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T>G
P-0000103-T01-IM3: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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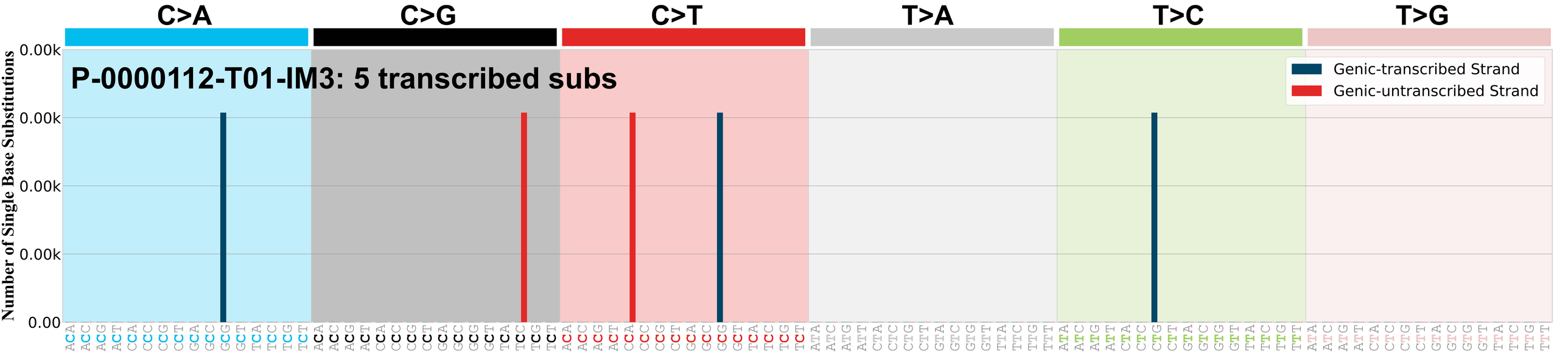
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C>G
C>T
T>A
T>C
T>G
P-0000112-T01-IM3: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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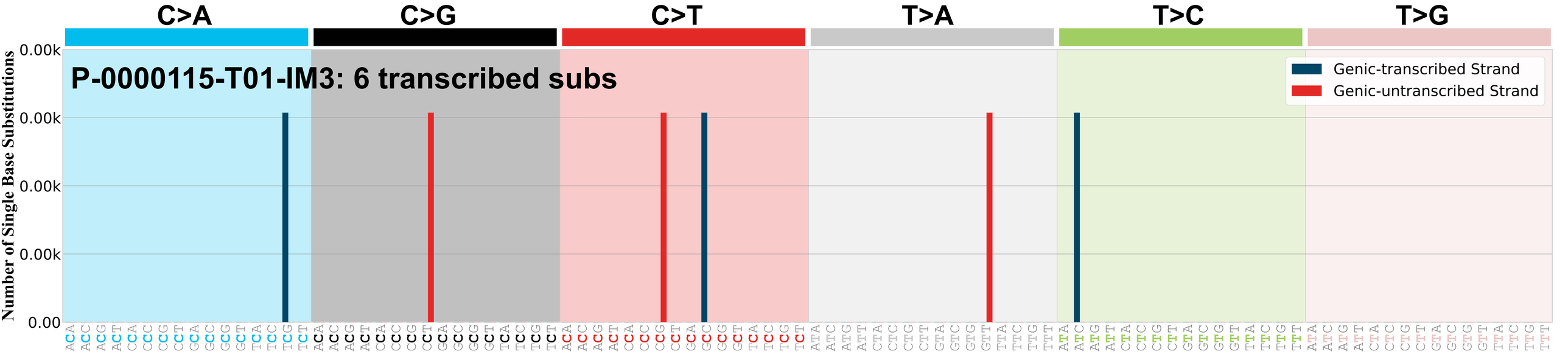
C>A
C>G
C>T
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T>C
T>G
P-0000115-T01-IM3: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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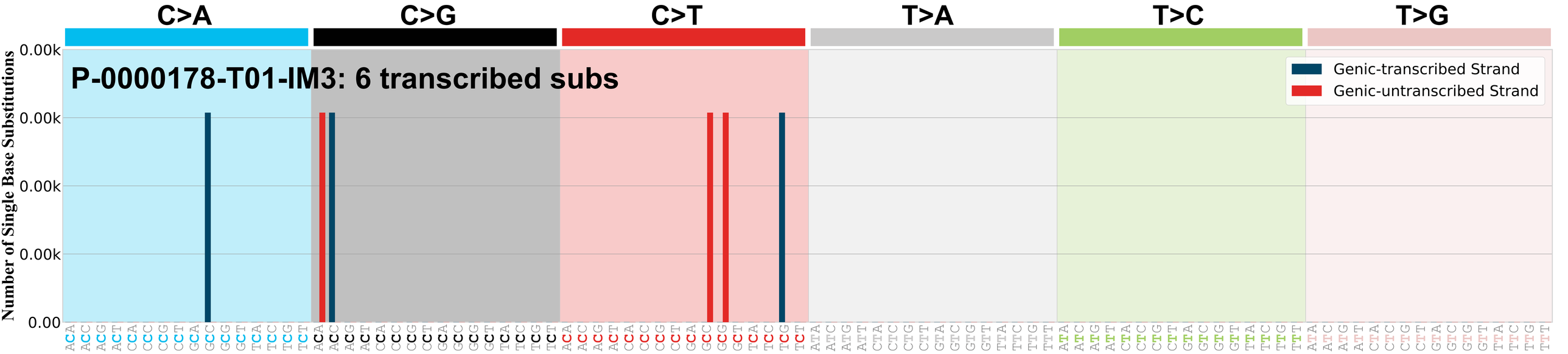
C>A
C>G
C>T
T>A
T>C
T>G
P-0000178-T01-IM3: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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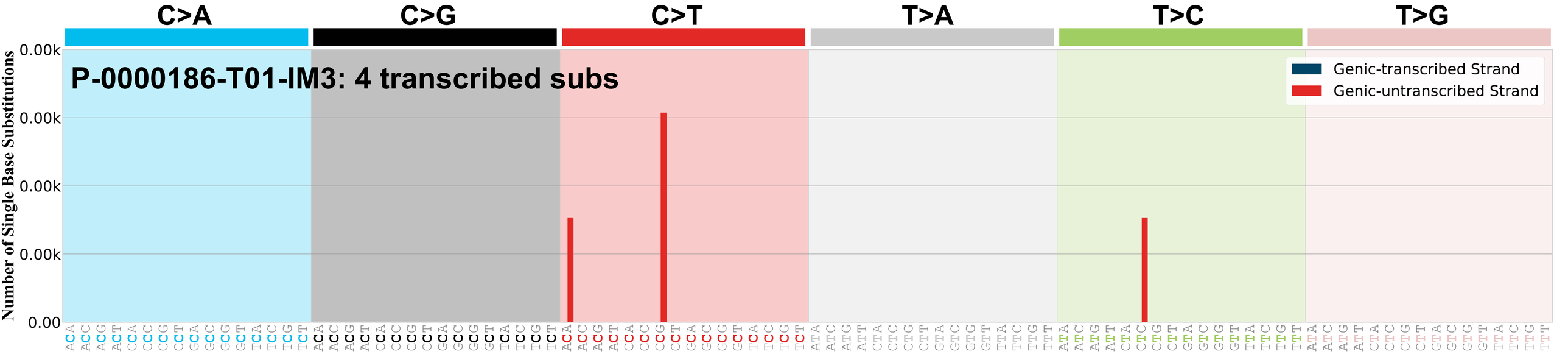
C>A
C>G
C>T
T>A
T>C
T>G
P-0000186-T01-IM3: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
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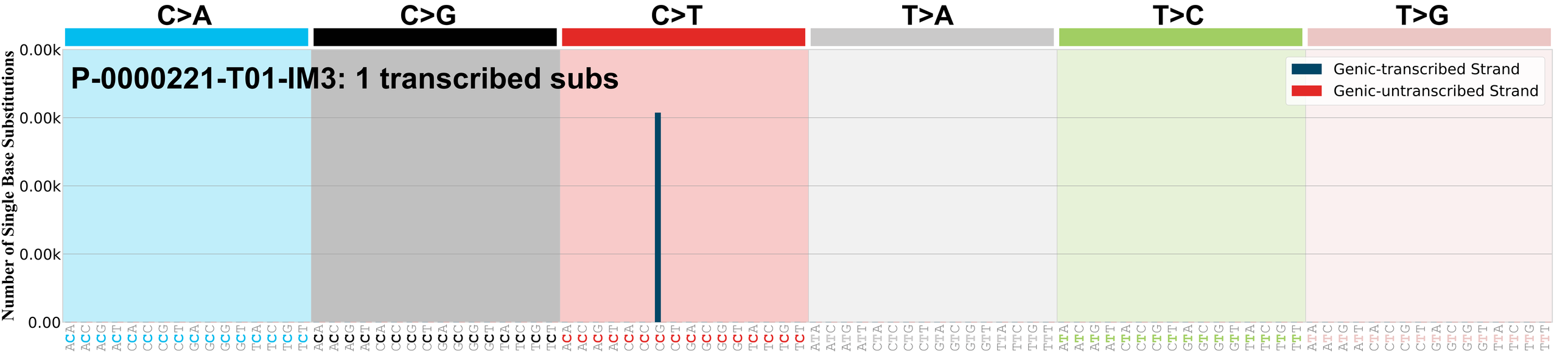
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0000221-T01-IM3: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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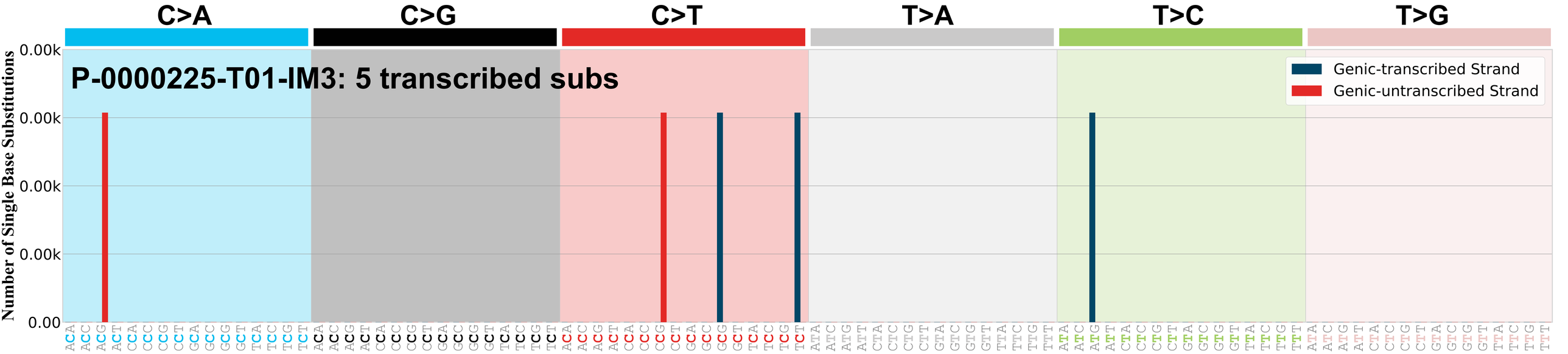
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0000225-T01-IM3: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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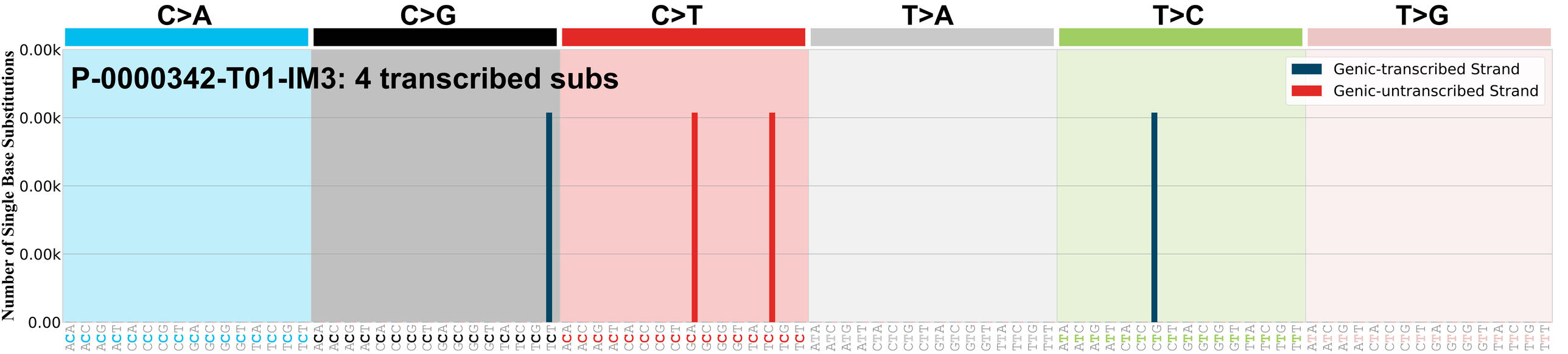
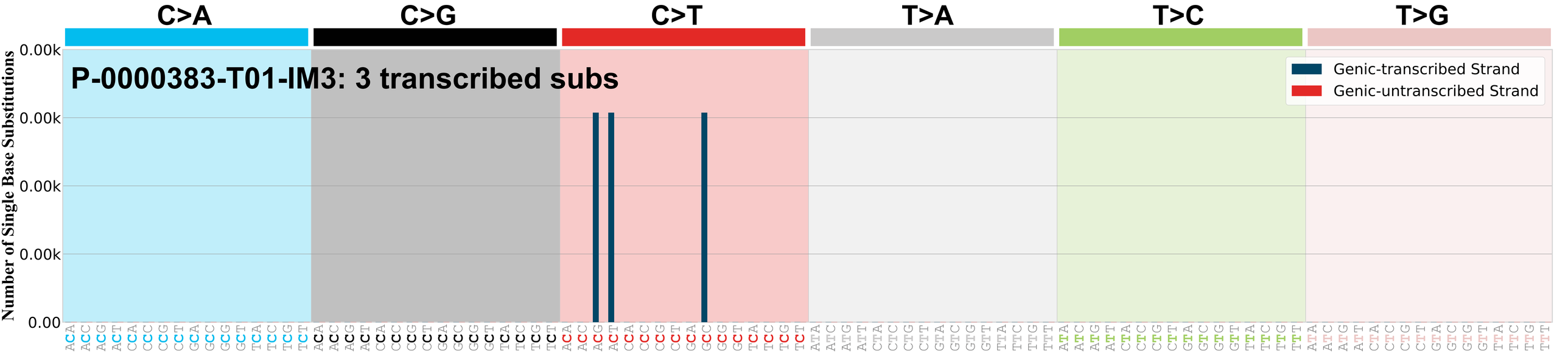
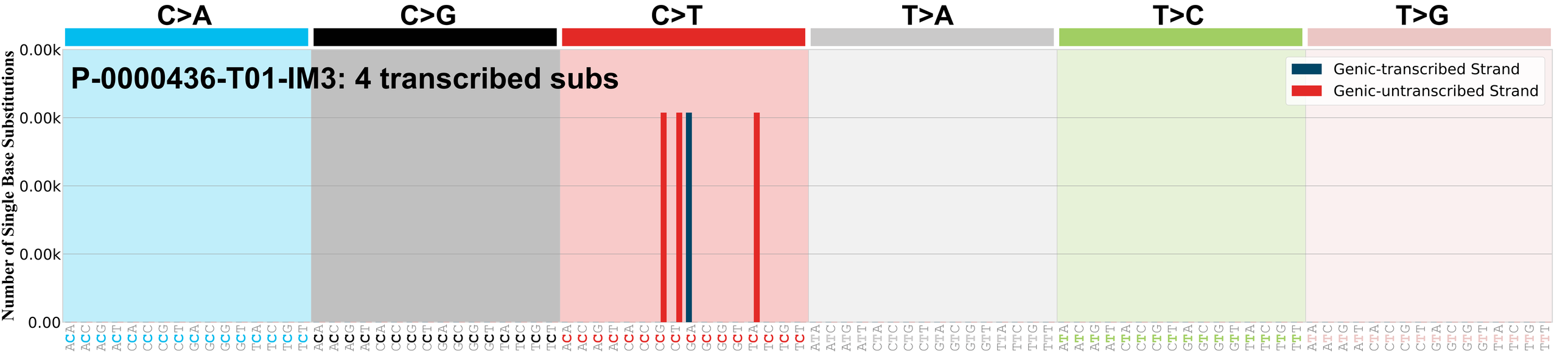
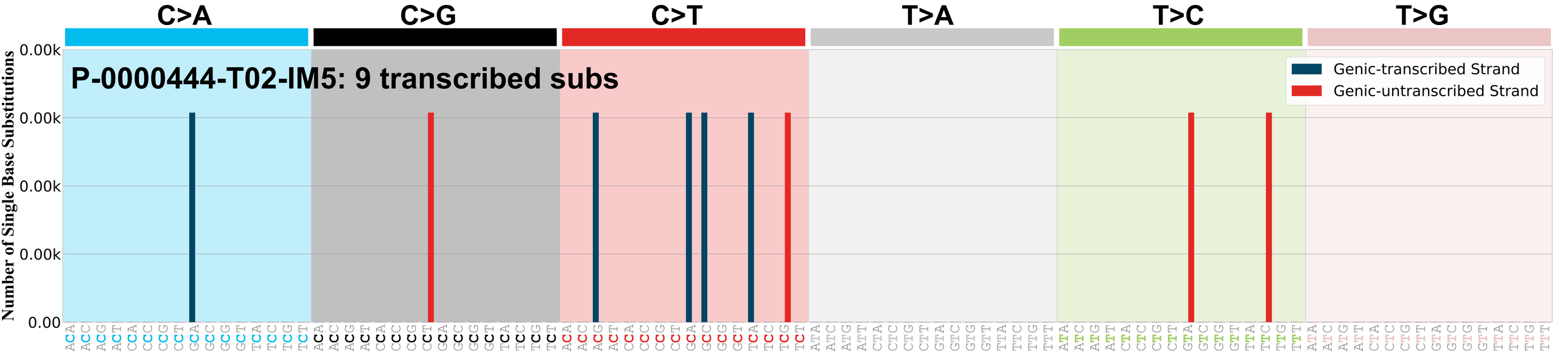
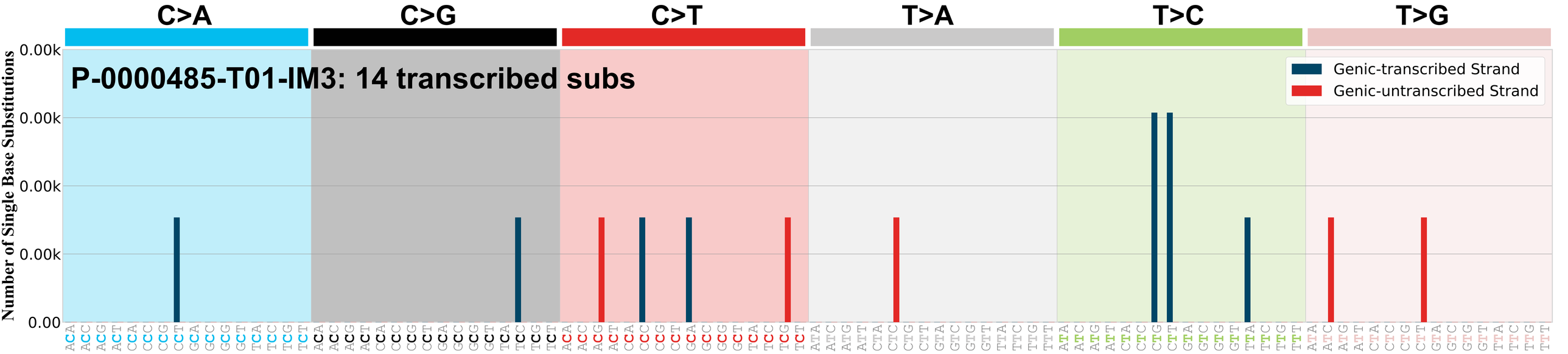
0.00k
0.00k
0.00k
0.00

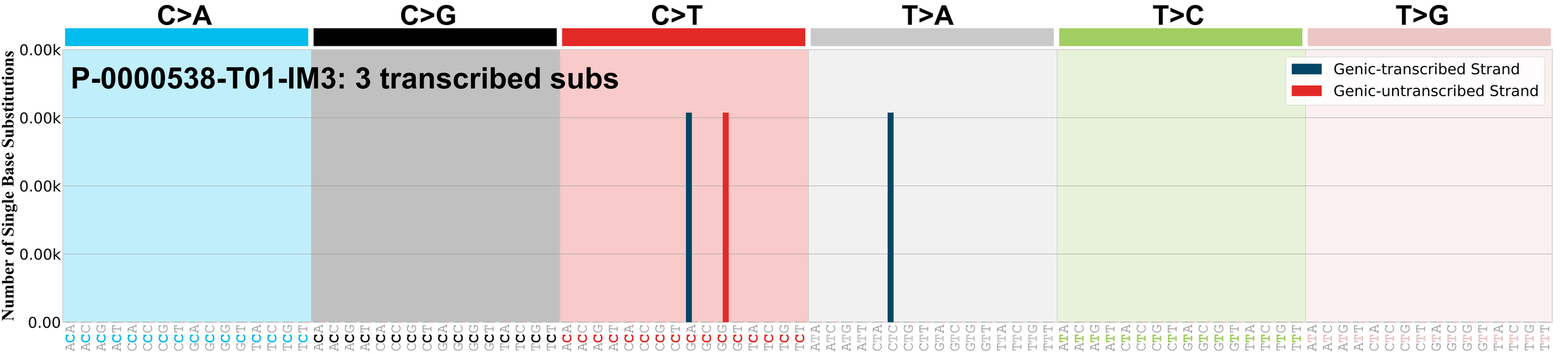

C>A
C>G
C>T
T>A
T>C
T>G
P-0000342-T01-IM3: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

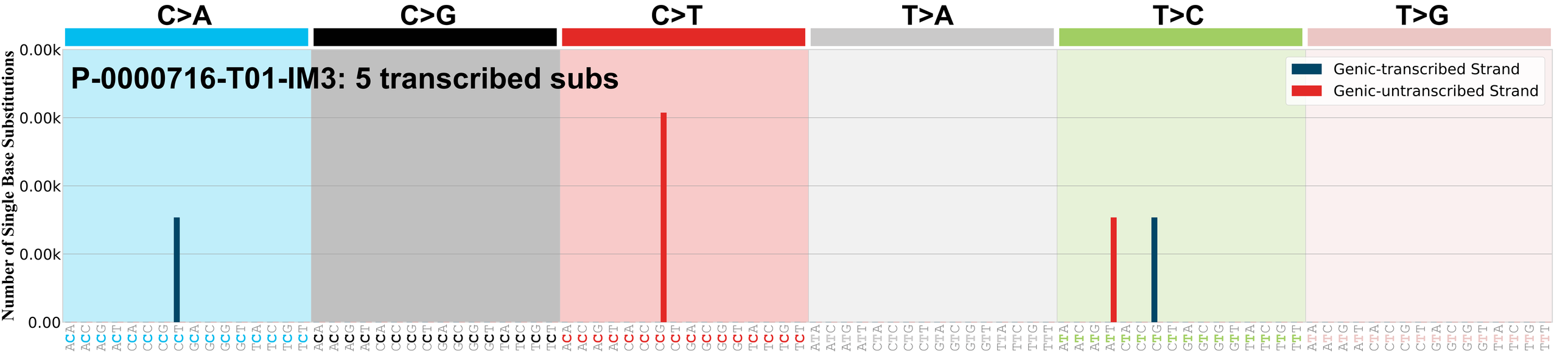

C>A
C>G
C>T
T>A
T>C
T>G
P-0000383-T01-IM3: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0000436-T01-IM3: 4 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-0000444-T02-IM5: 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-0000485-T01-IM3: 14 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-0000538-T01-IM3: 3 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-0000716-T01-IM3: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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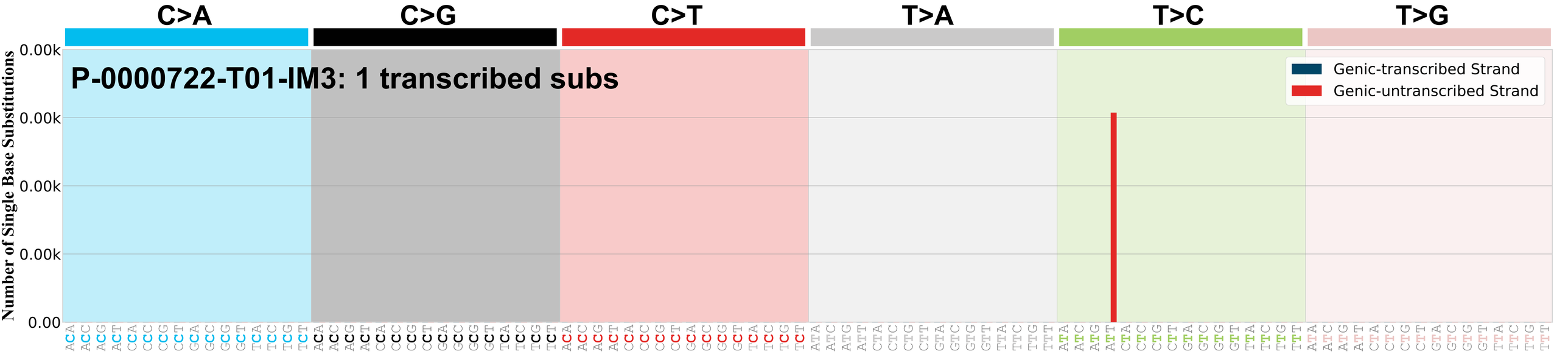
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0000722-T01-IM3: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
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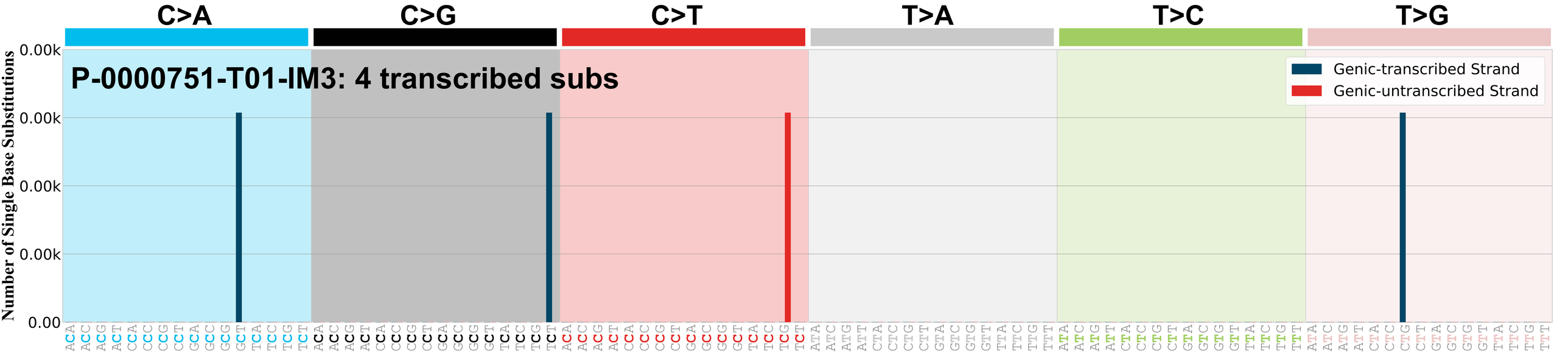
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0000751-T01-IM3: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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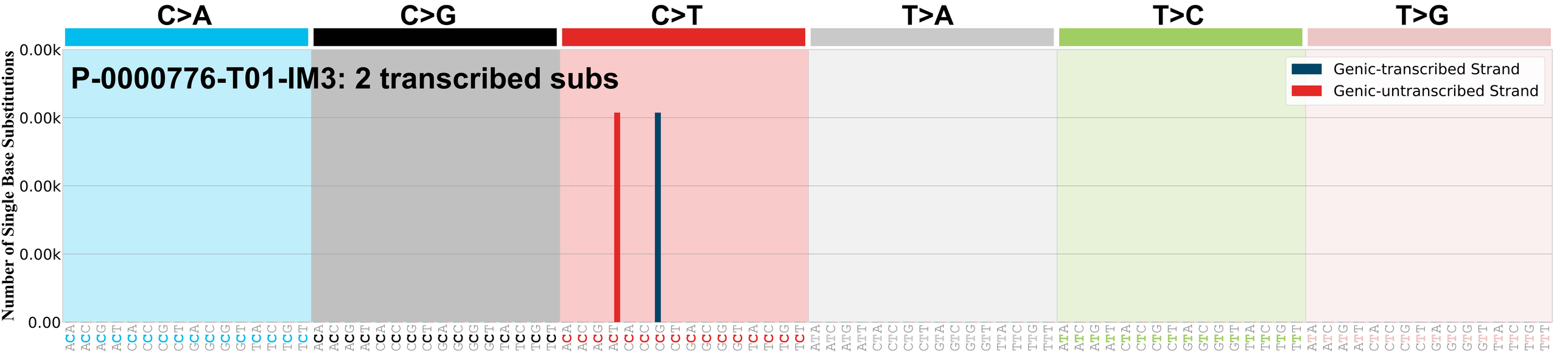
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0000776-T01-IM3: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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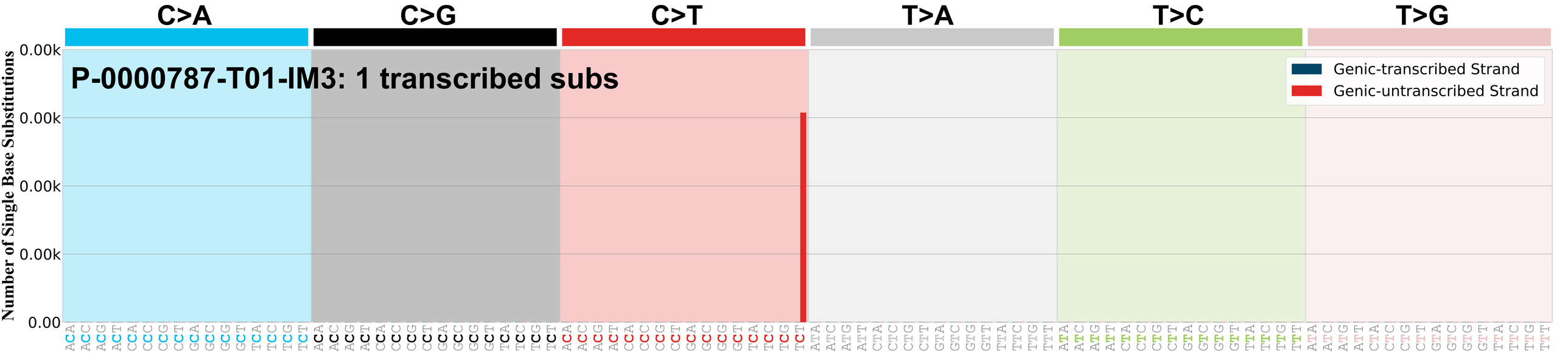
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0000787-T01-IM3: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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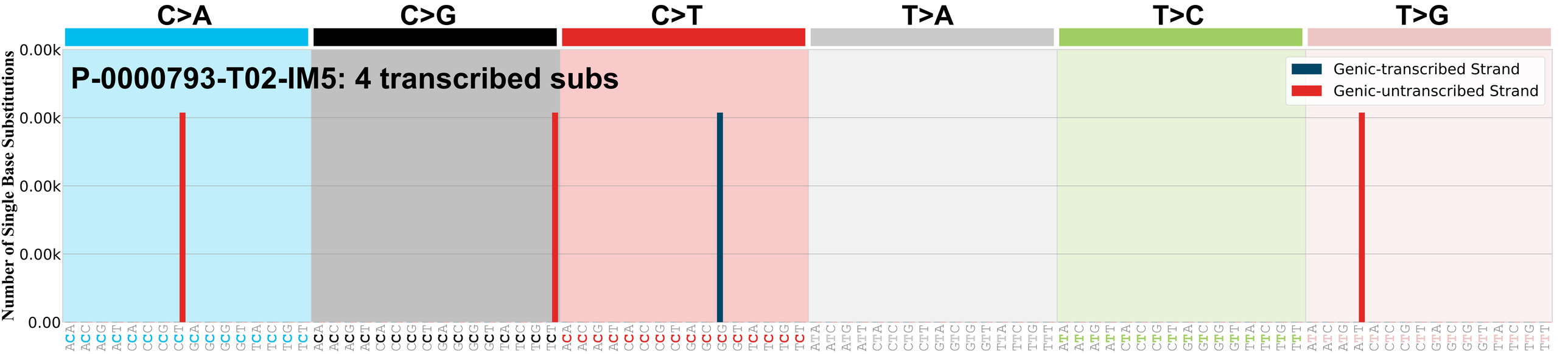
C>A
C>G
C>T
T>A
T>C
T>G
P-0000793-T02-IM5: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
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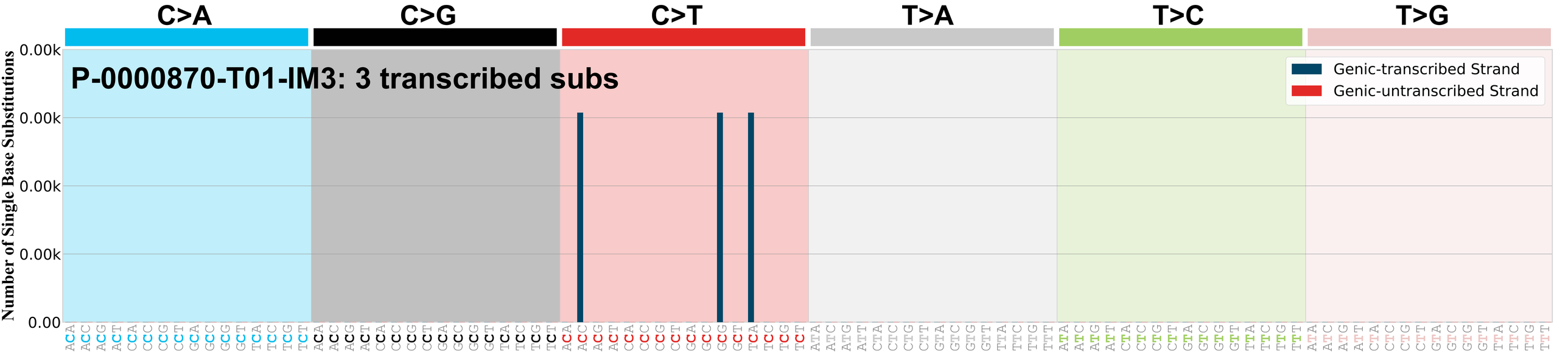
C>A
C>G
C>T
T>A
T>C
T>G
P-0000870-T01-IM3: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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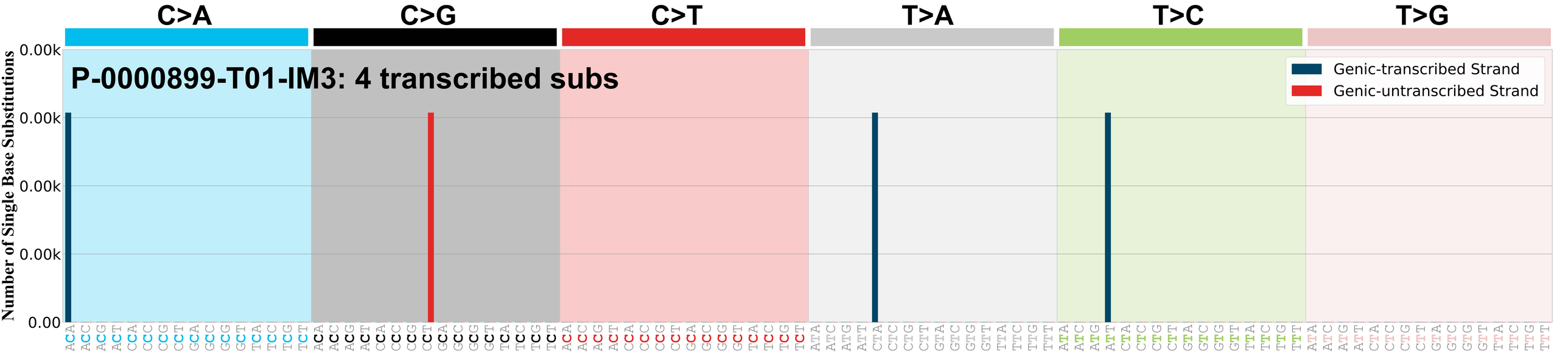
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0000899-T01-IM3: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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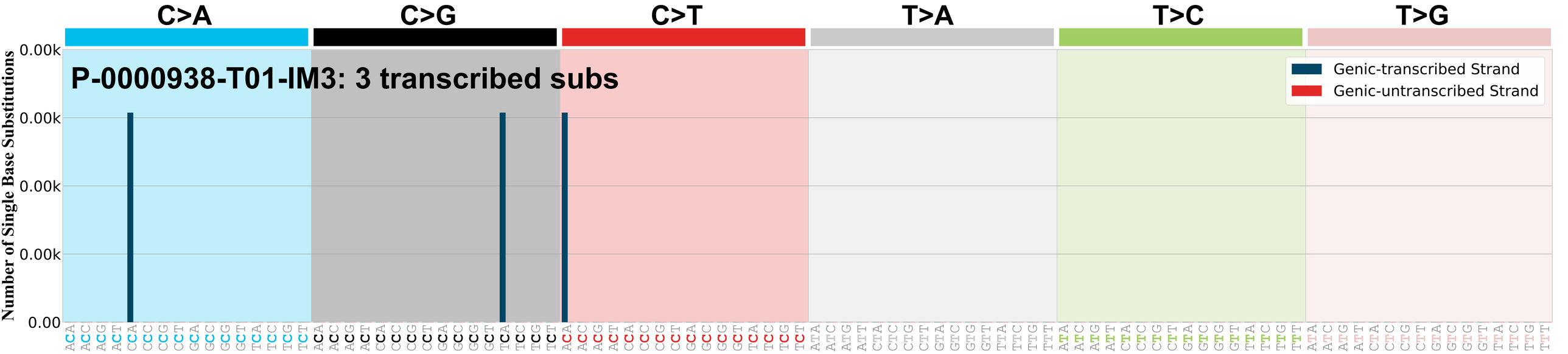
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0000938-T01-IM3: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
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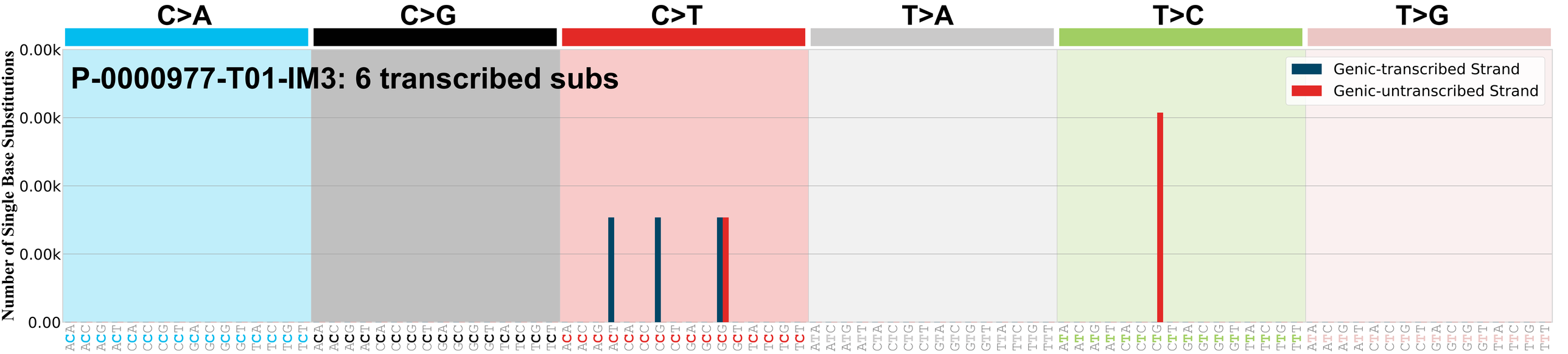
C>A
C>G
C>T
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T>C
T>G
P-0000977-T01-IM3: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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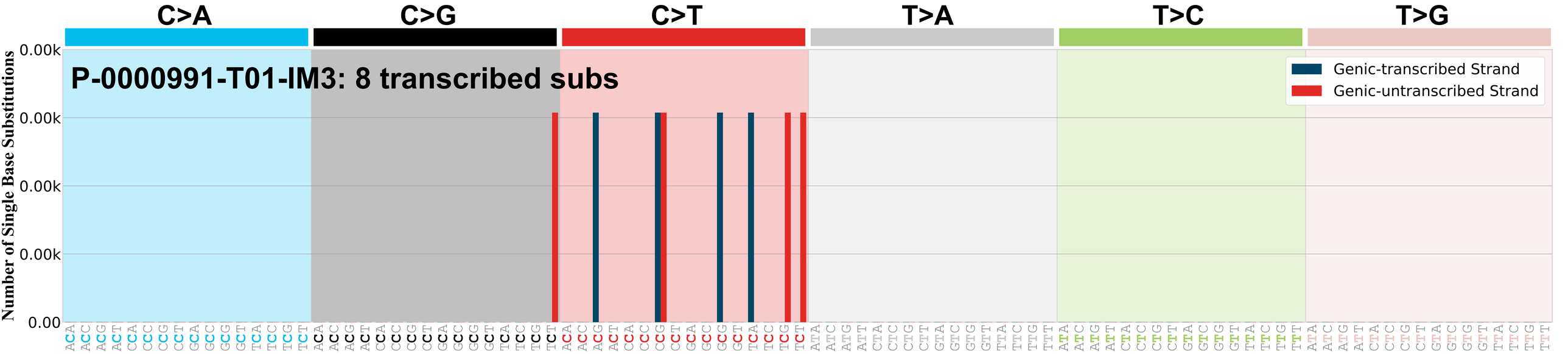
C>A
C>G
C>T
T>A
T>C
T>G
P-0000991-T01-IM3: 8 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
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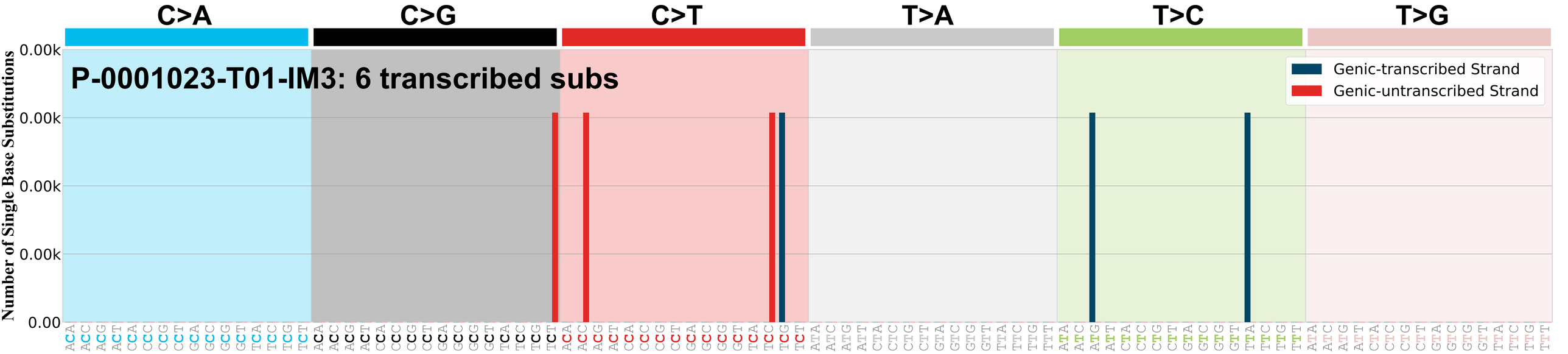
C>A
C>G
C>T
T>A
T>C
T>G
P-0001023-T01-IM3: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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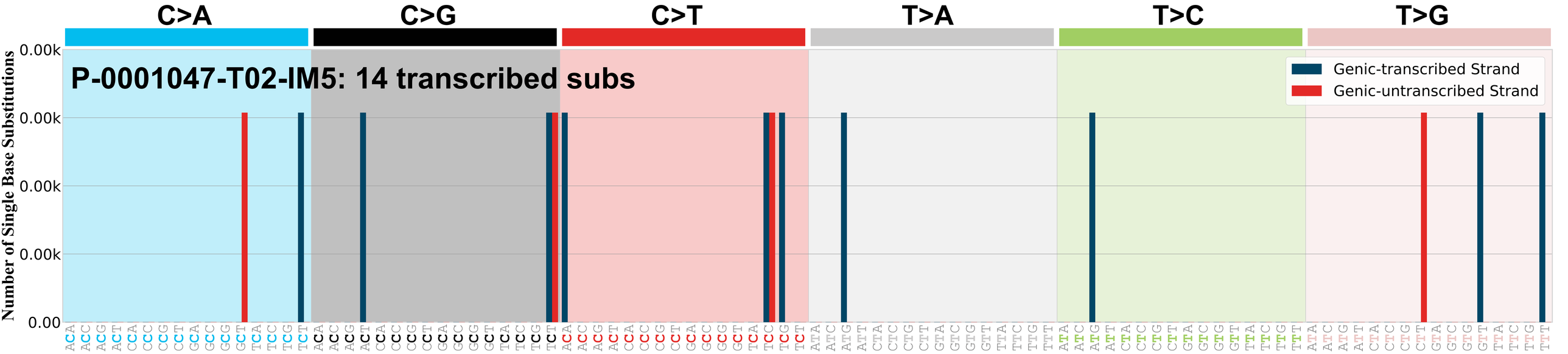
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0001047-T02-IM5: 14 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
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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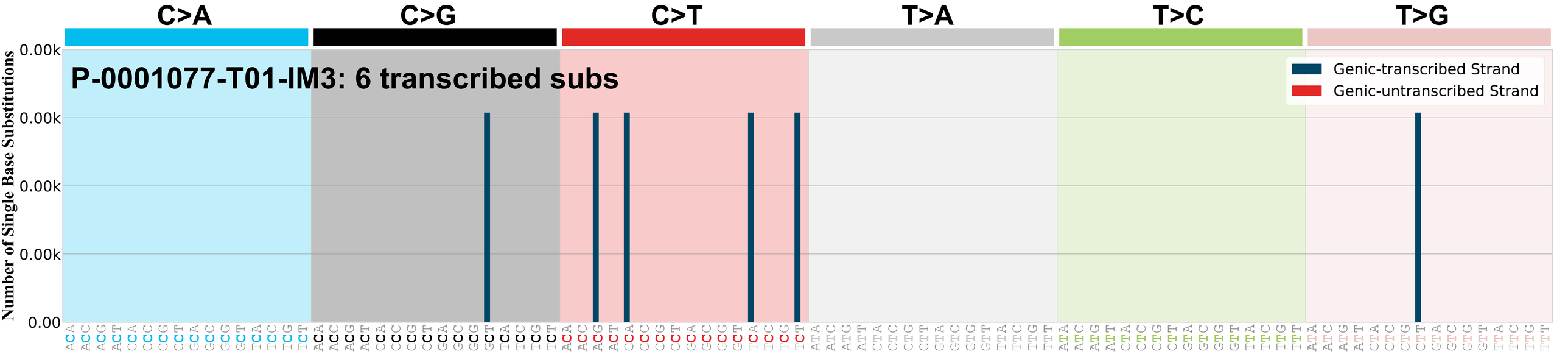
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT


C>A
C>G
C>T
T>A
T>C
T>G
P-0001077-T01-IM3: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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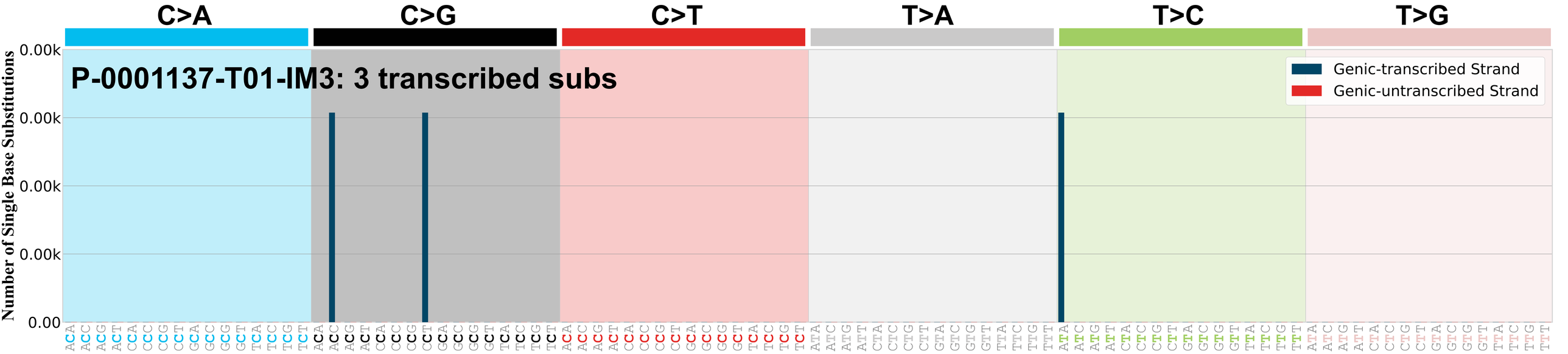
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0001137-T01-IM3: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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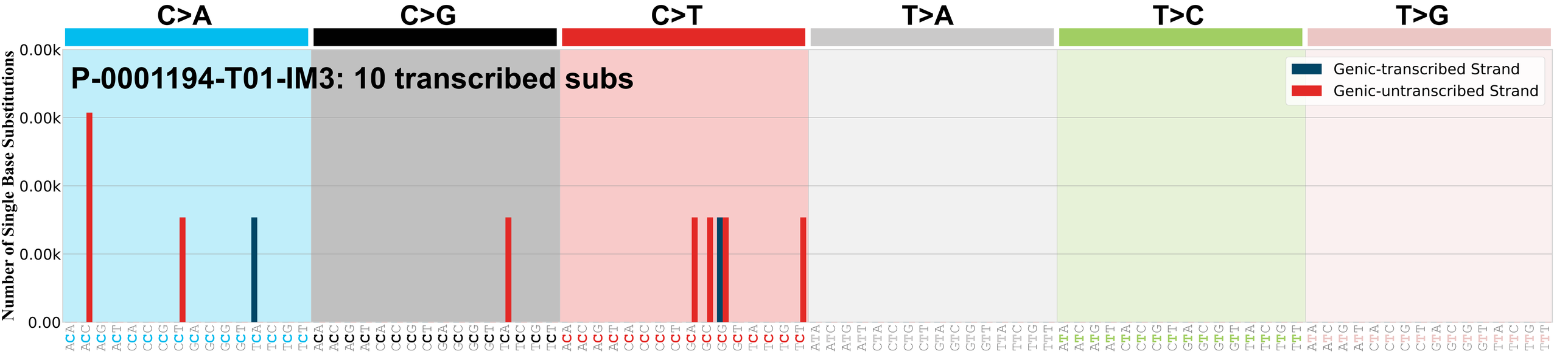
C>A
C>G
C>T
T>A
T>C
T>G
P-0001194-T01-IM3: 10 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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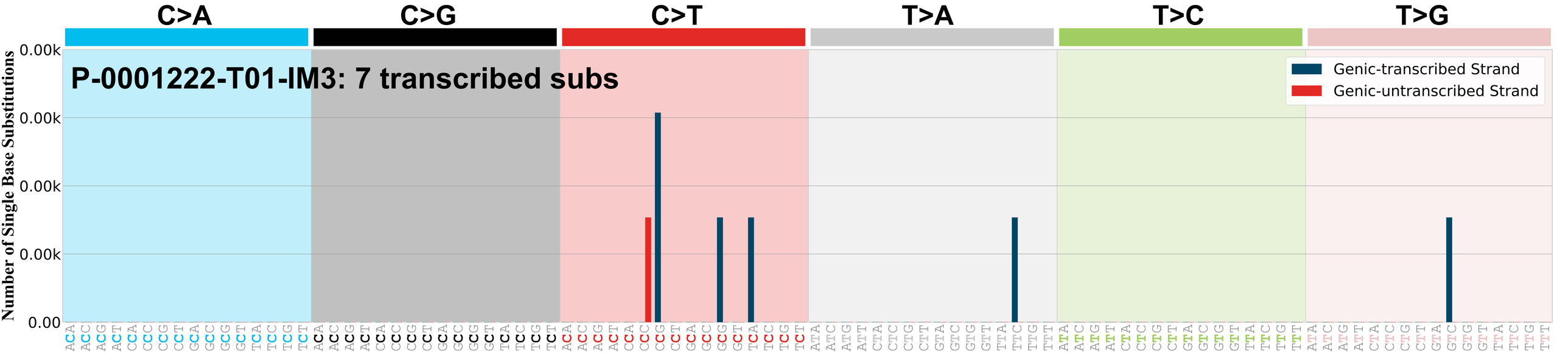
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0001222-T01-IM3: 7 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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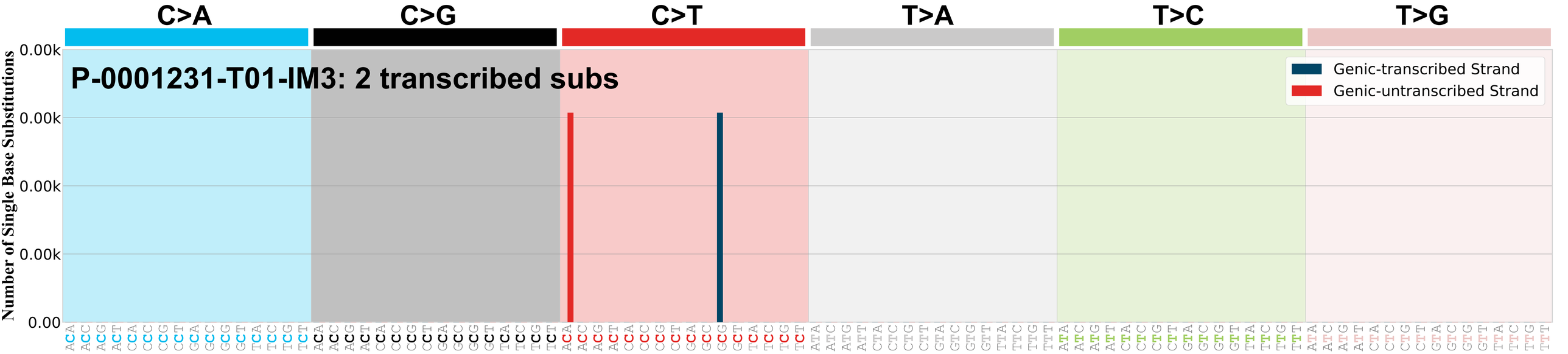
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0001231-T01-IM3: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
0.00k
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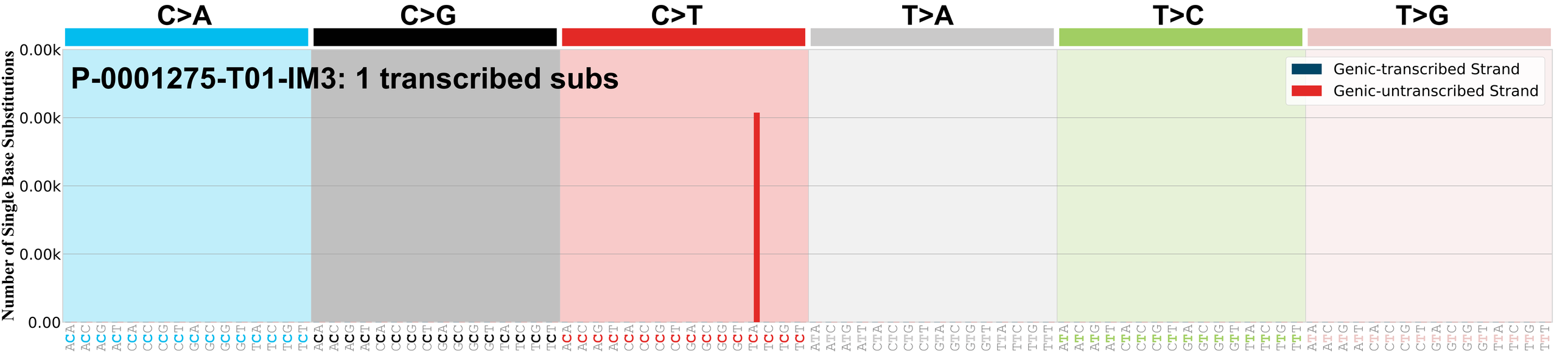
0.00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P-0001275-T01-IM3: 1 transcribed subs
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Genic-untranscribed Strand
Number of Single Base Substitutions
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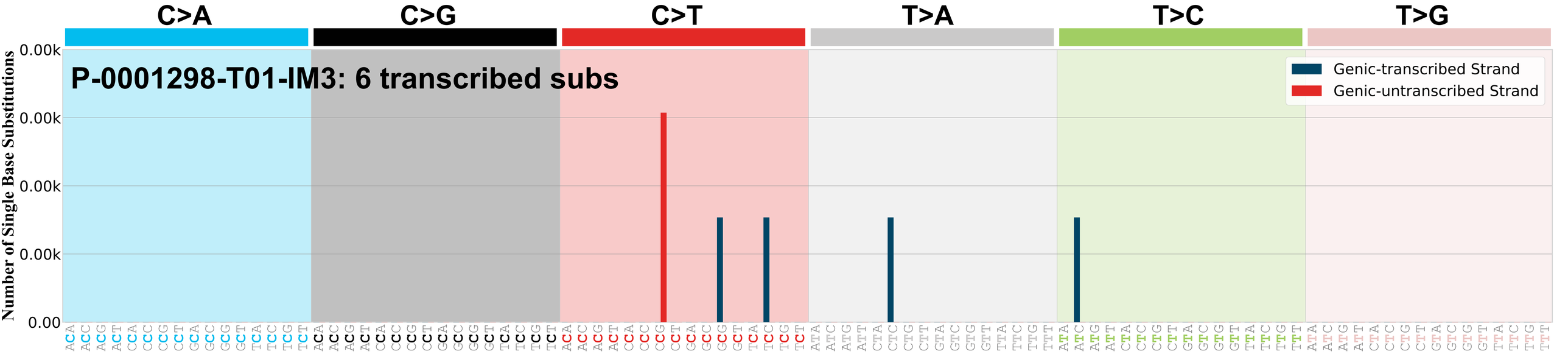
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P-0001298-T01-IM3: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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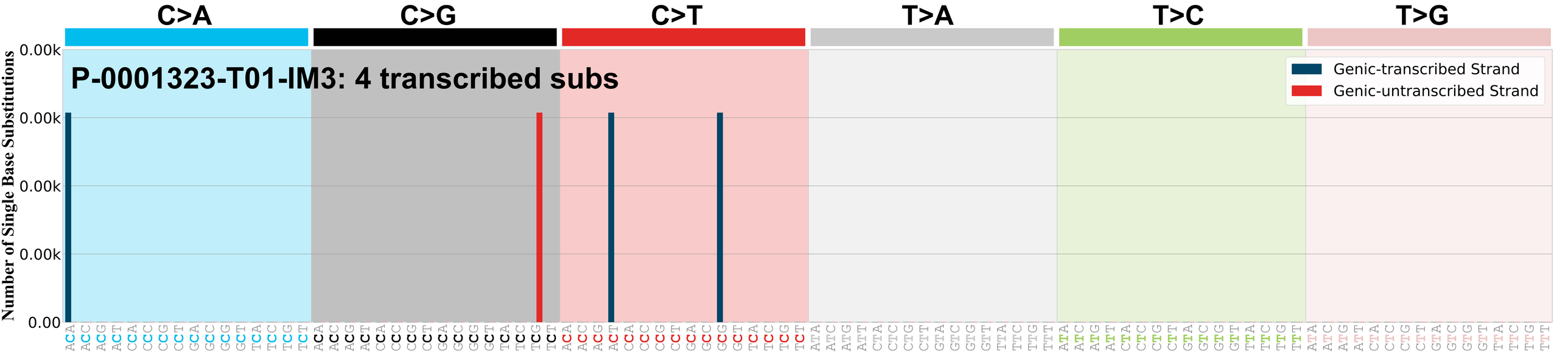
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T>G
P-0001323-T01-IM3: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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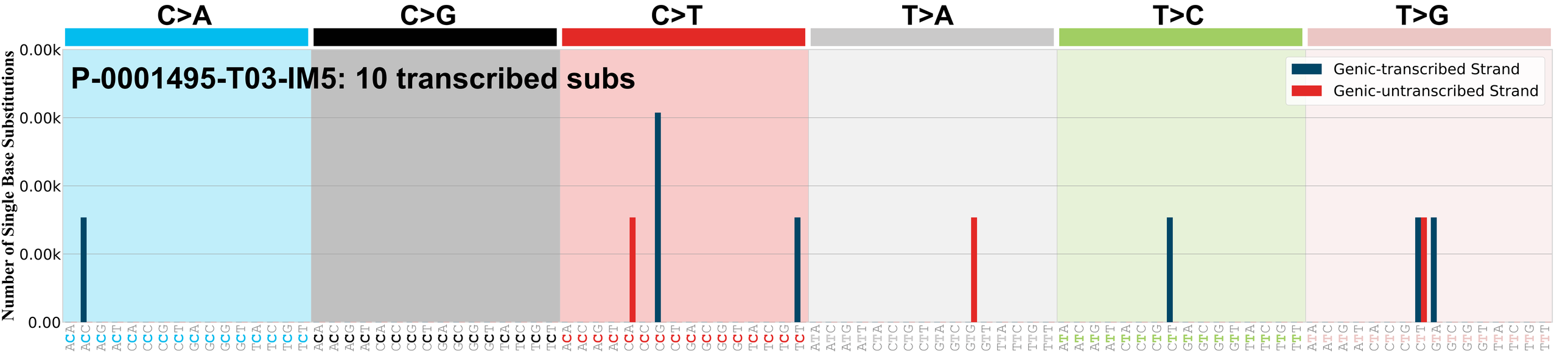
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P-0001495-T03-IM5: 10 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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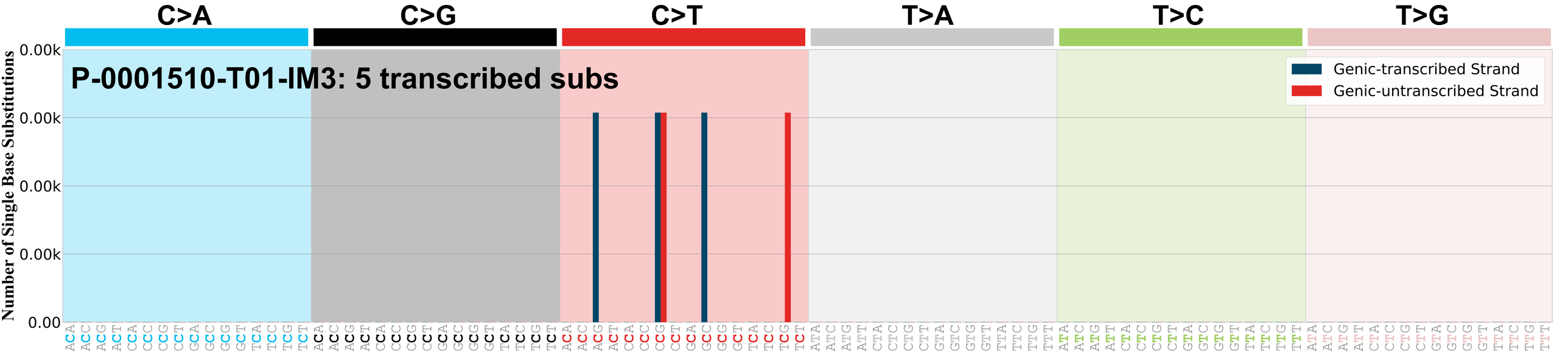
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T>G
P-0001510-T01-IM3: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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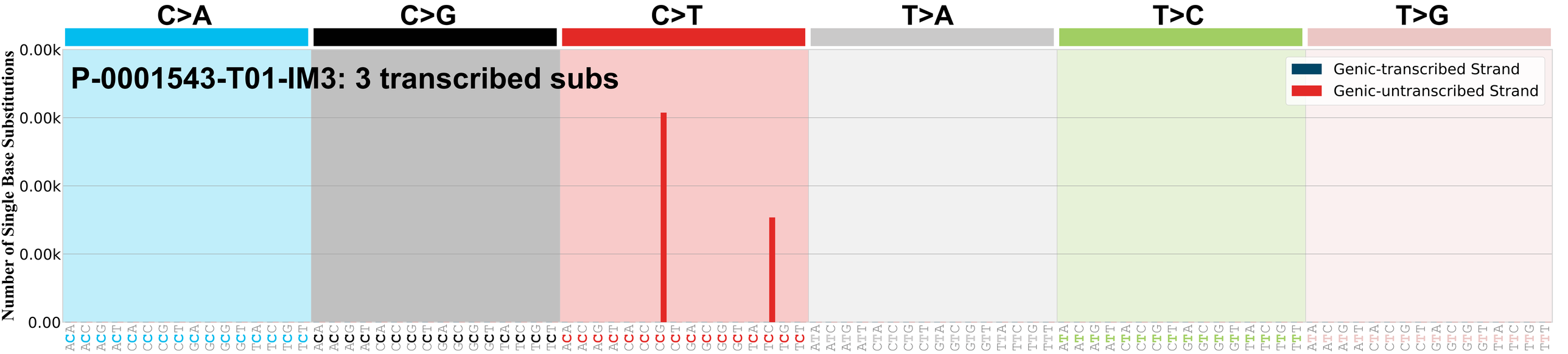
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T>G
P-0001543-T01-IM3: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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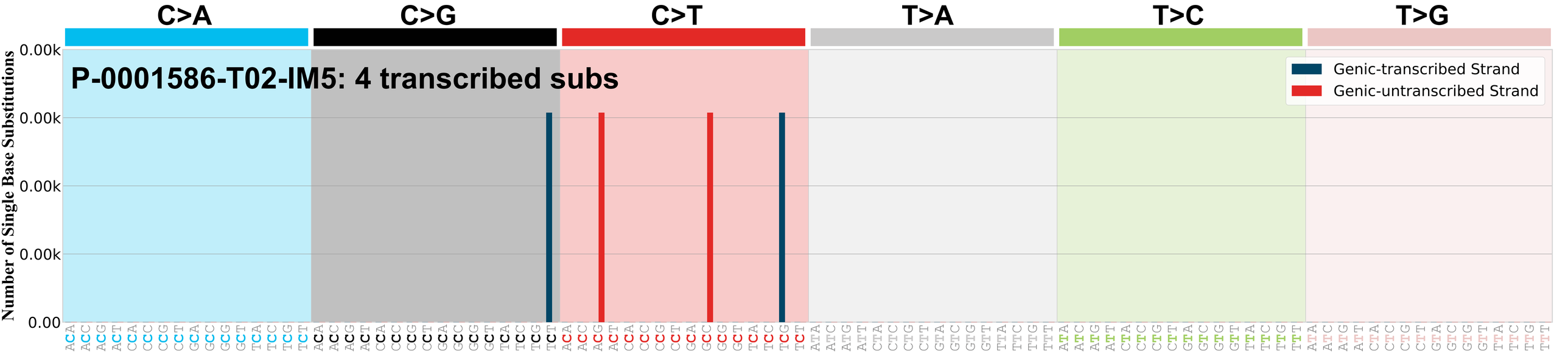
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C>G
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T>C
T>G
P-0001586-T02-IM5: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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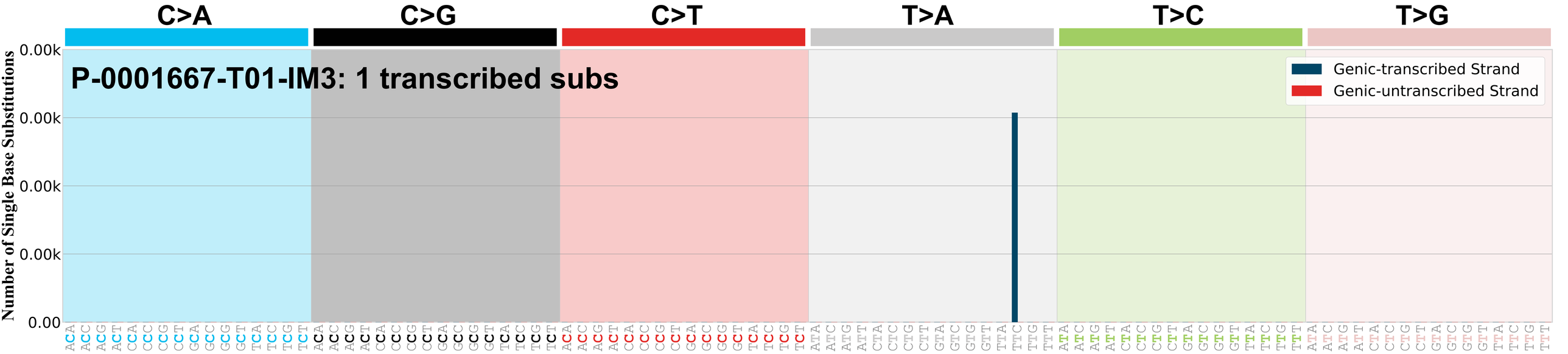
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C>G
C>T
T>A
T>C
T>G
P-0001667-T01-IM3: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
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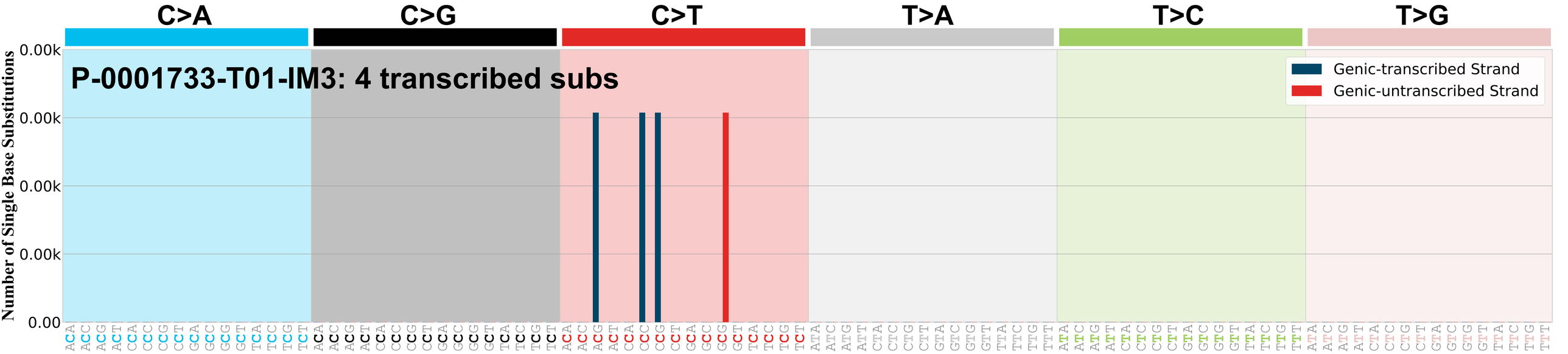
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C>G
C>T
T>A
T>C
T>G
P-0001733-T01-IM3: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
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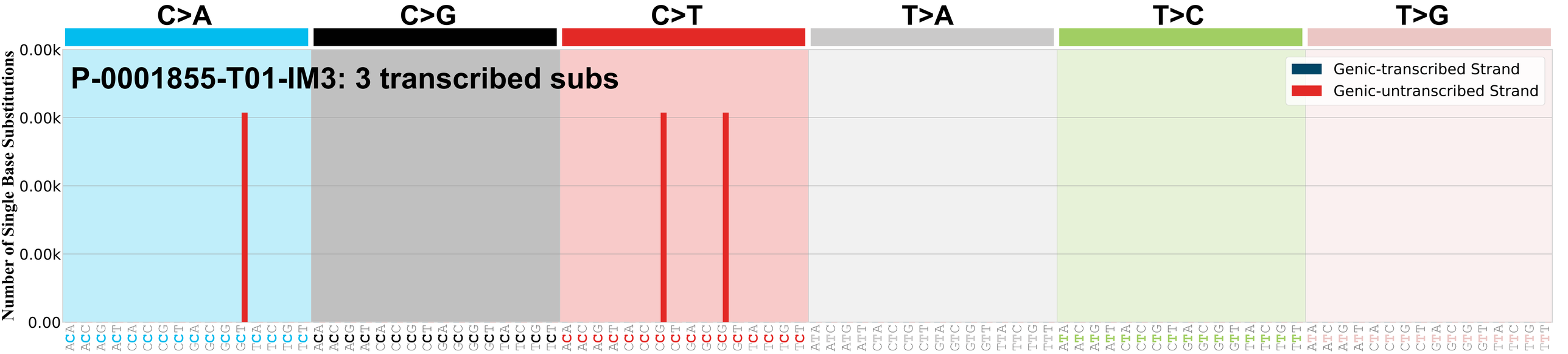
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C>G
C>T
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T>C
T>G
P-0001855-T01-IM3: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
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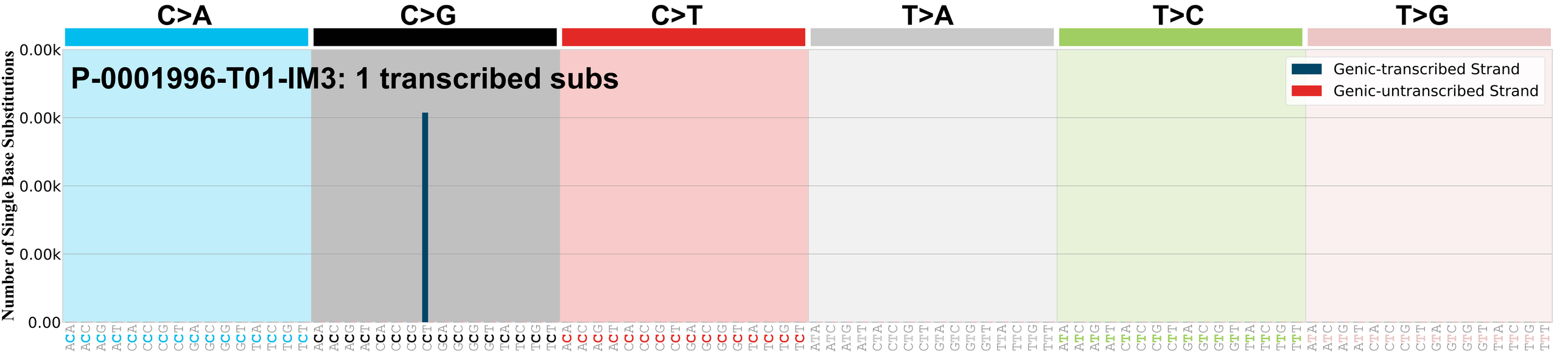
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C>G
C>T
T>A
T>C
T>G
P-0001996-T01-IM3: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
0.00k
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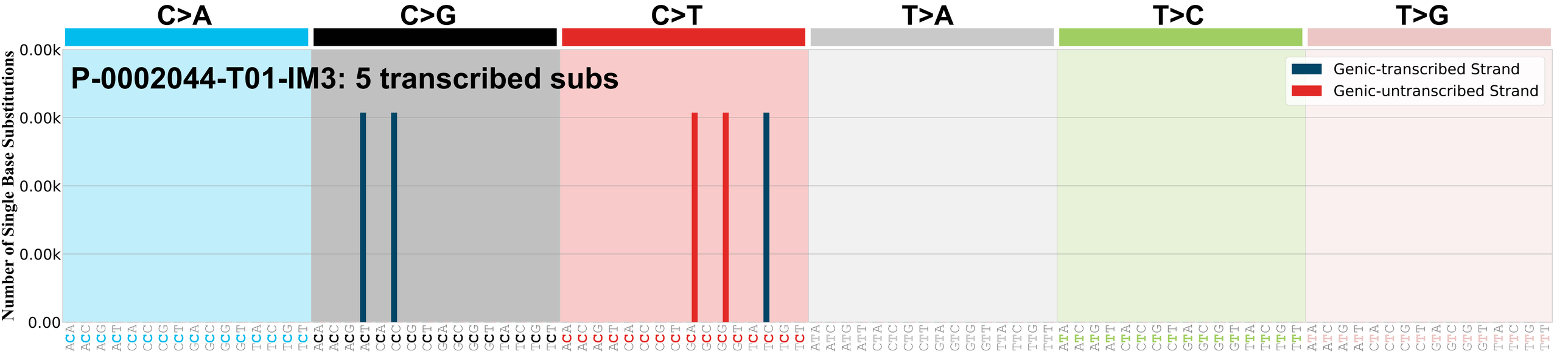
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C>G
C>T
T>A
T>C
T>G
P-0002044-T01-IM3: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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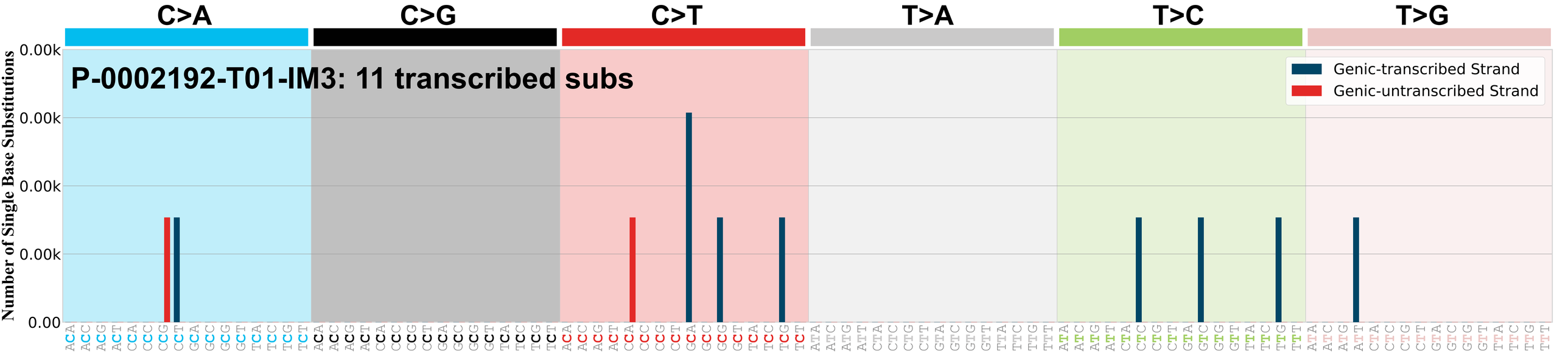
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C>G
C>T
T>A
T>C
T>G
P-0002192-T01-IM3: 11 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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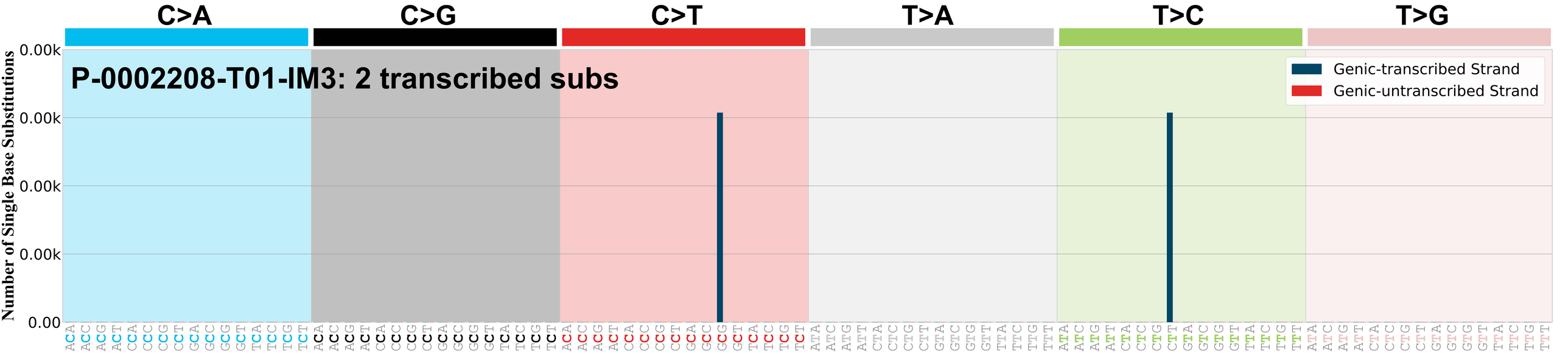
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0002208-T01-IM3: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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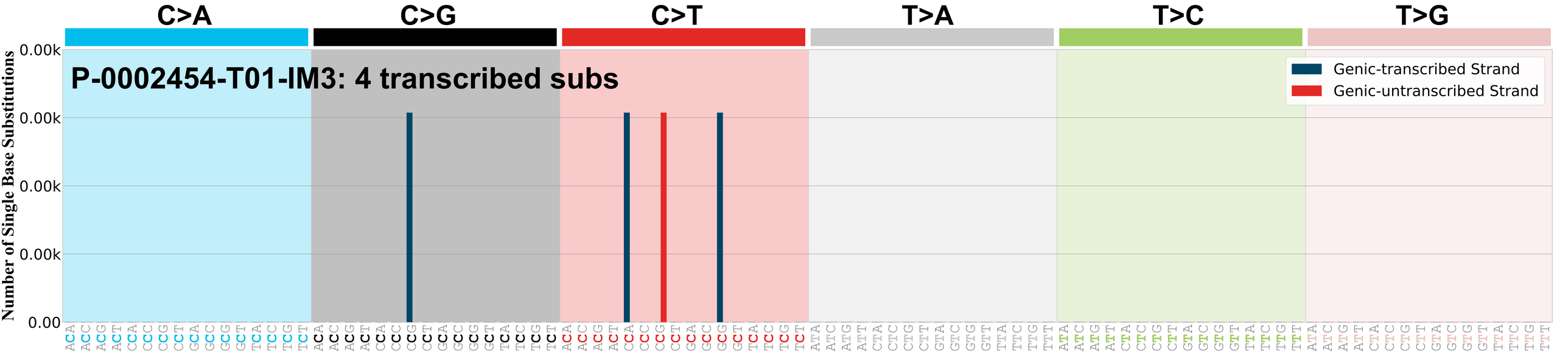
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0002454-T01-IM3: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
0.00k
0.00k
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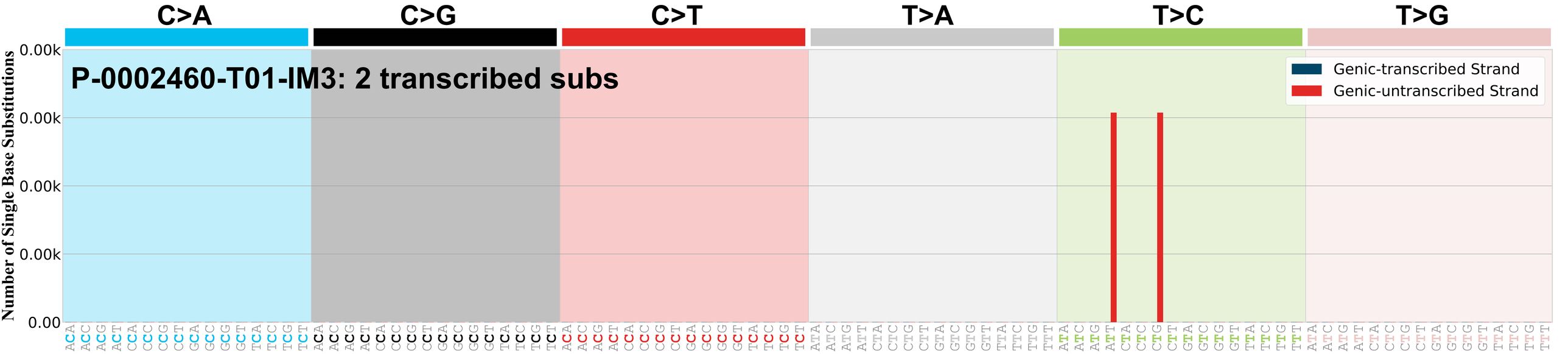
C>A
C>G
C>T
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T>C
T>G
P-0002460-T01-IM3: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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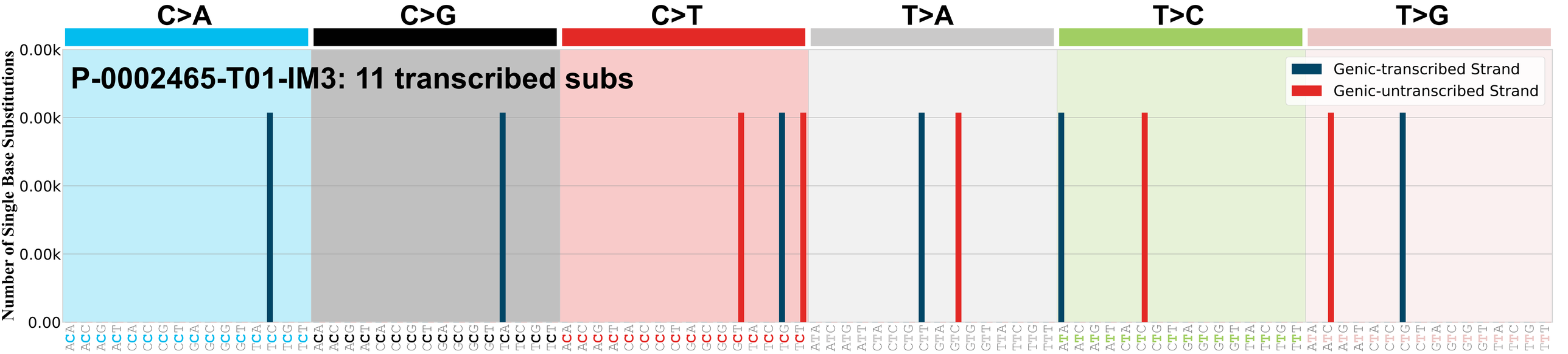
0.00k
0.00k
0.00


C>A
C>G
C>T
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T>C
T>G
P-0002465-T01-IM3: 11 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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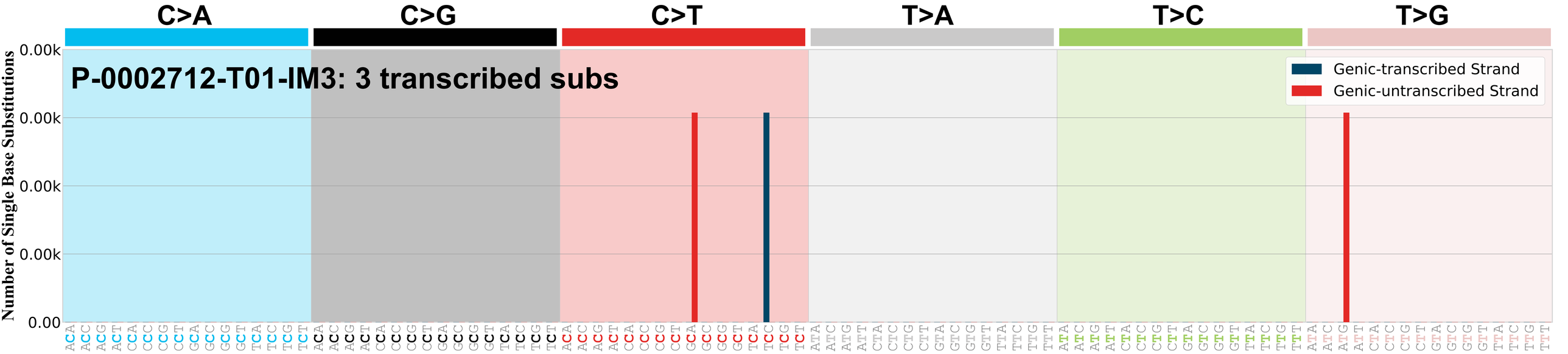
0.00k
0.00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C>T
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T>C
T>G
P-0002712-T01-IM3: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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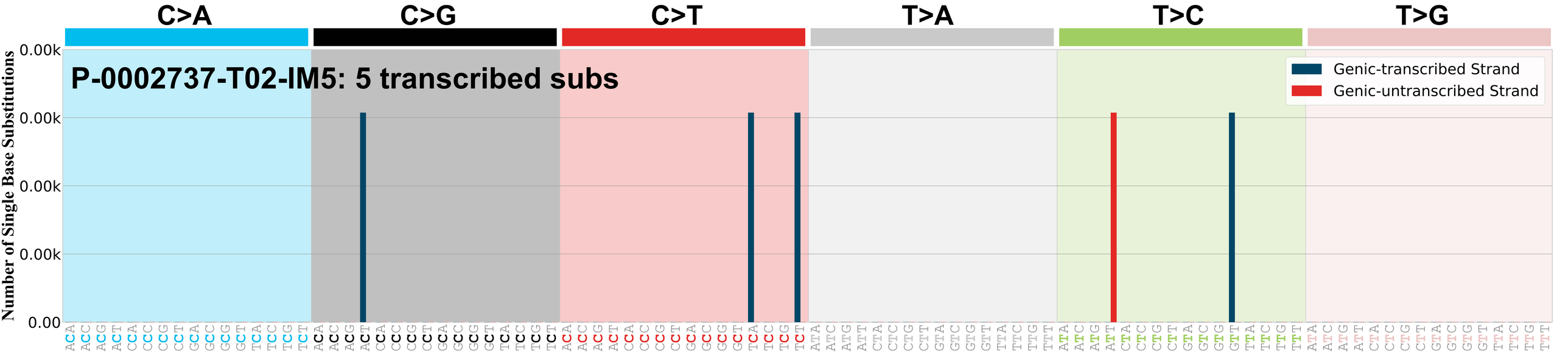
0.00k
0.00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C>T
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T>C
T>G
P-0002737-T02-IM5: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
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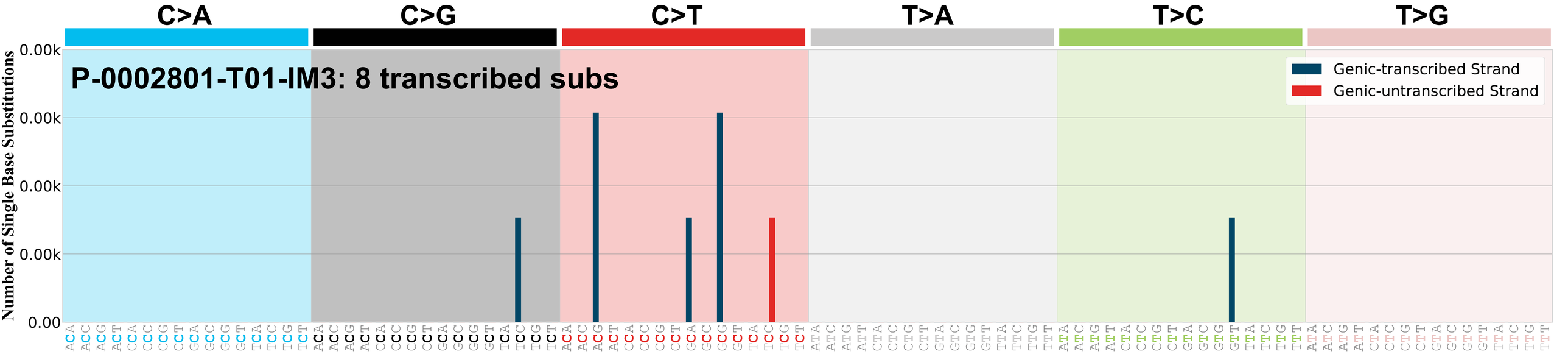
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C>G
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T>C
T>G
P-0002801-T01-IM3: 8 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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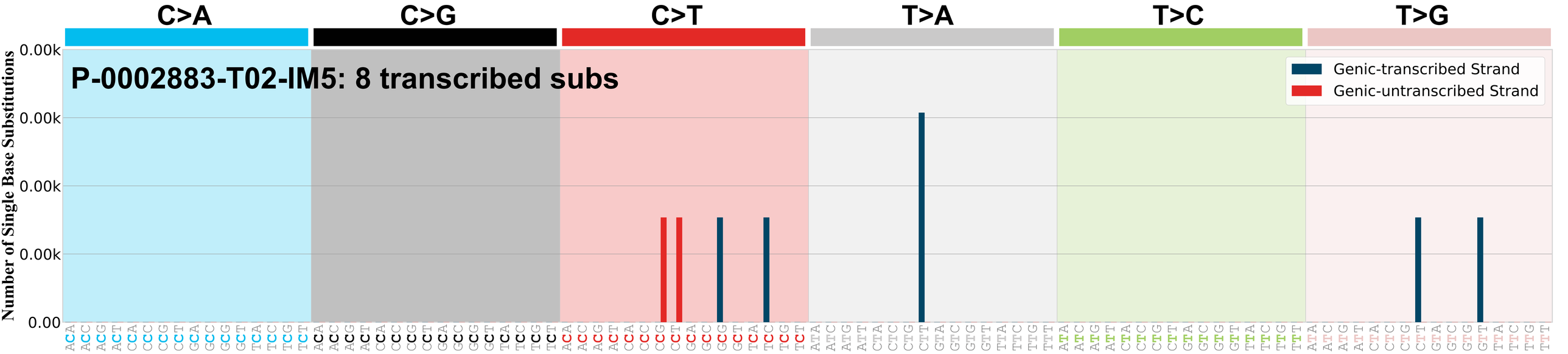
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0002883-T02-IM5: 8 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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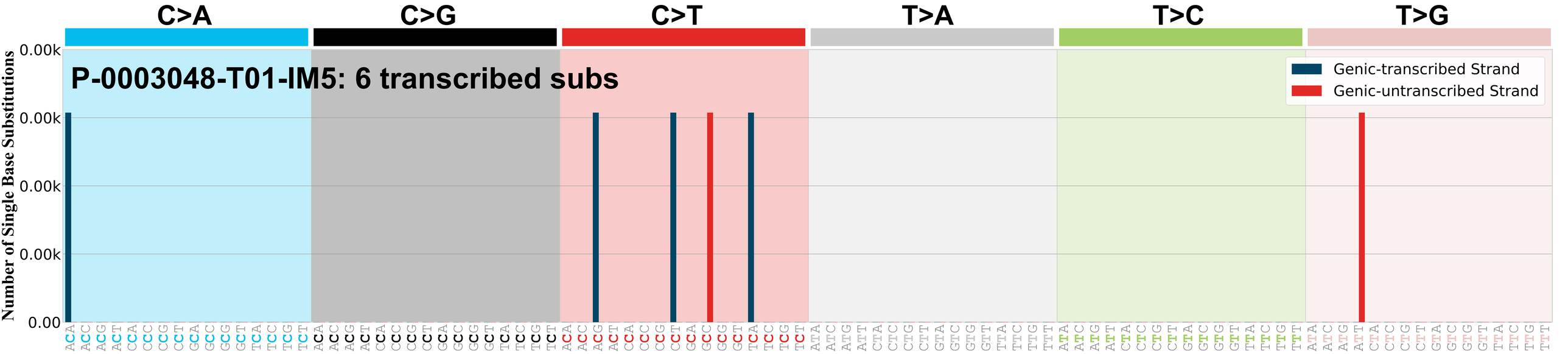
C>A
C>G
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T>C
T>G
P-0003048-T01-IM5: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
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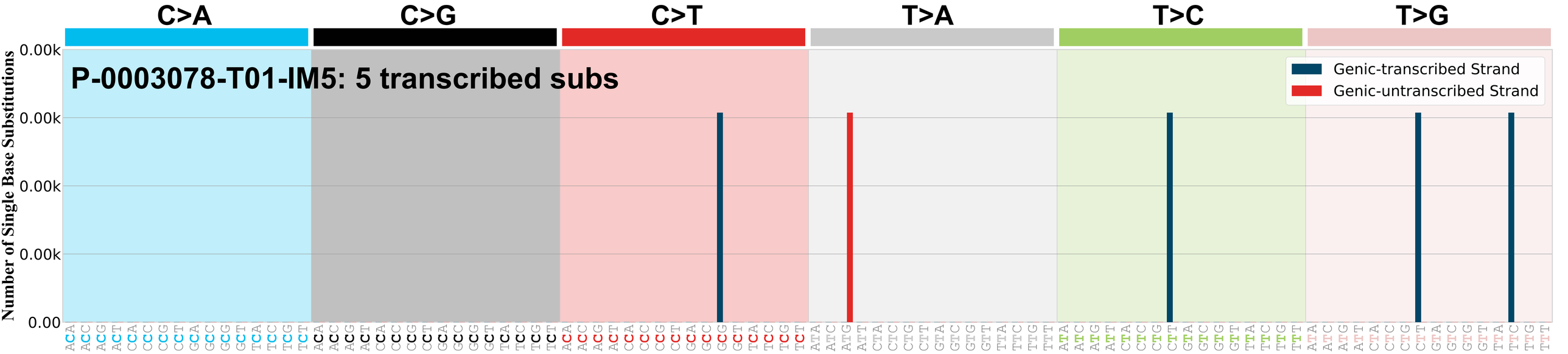
C>A
C>G
C>T
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T>C
T>G
P-0003078-T01-IM5: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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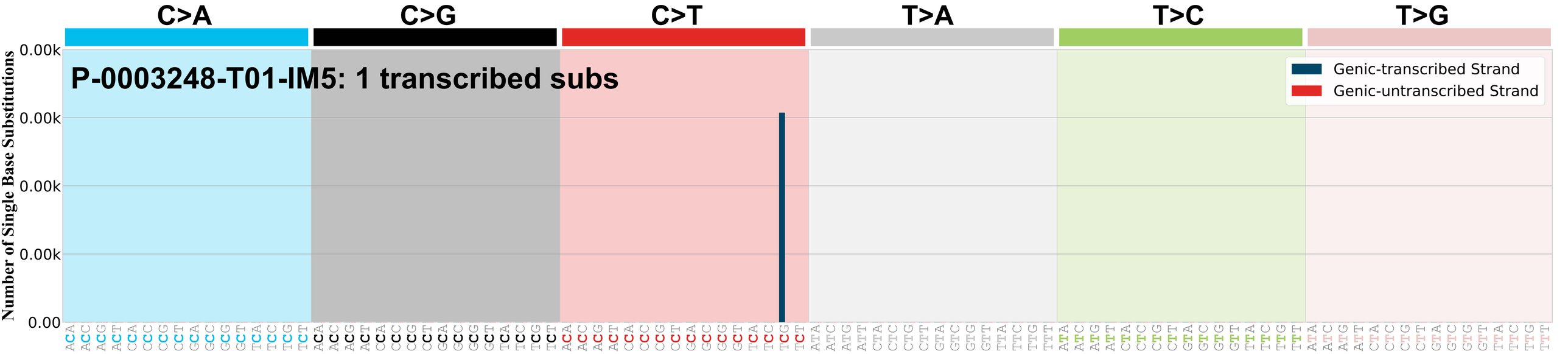
C>A
C>G
C>T
T>A
T>C
T>G
P-0003248-T01-IM5: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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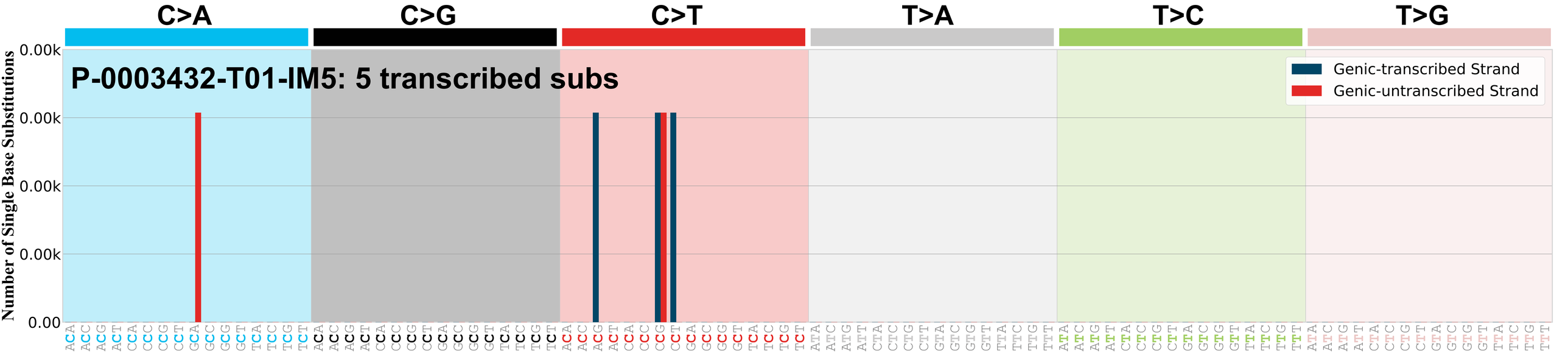
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C>G
C>T
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T>C
T>G
P-0003432-T01-IM5: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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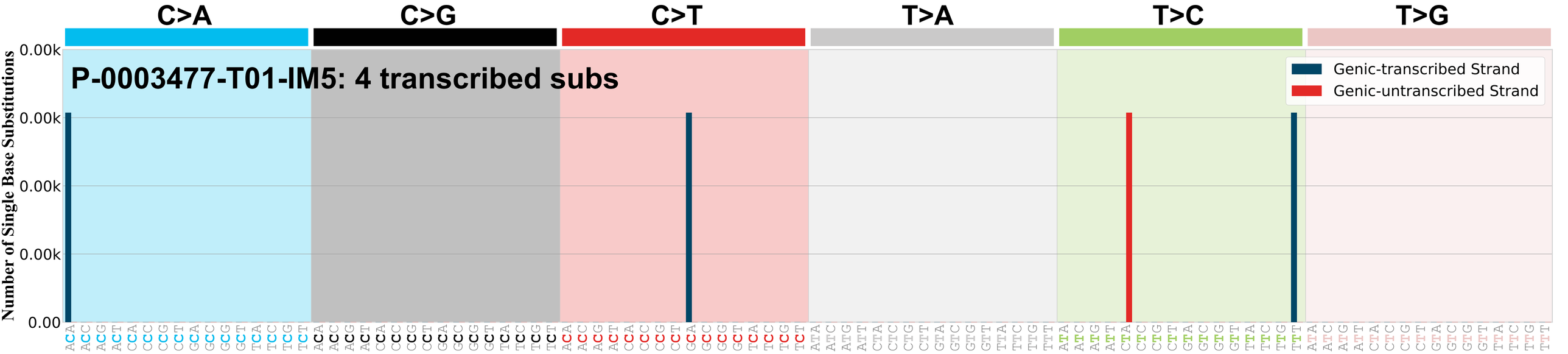
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C>G
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T>C
T>G
P-0003477-T01-IM5: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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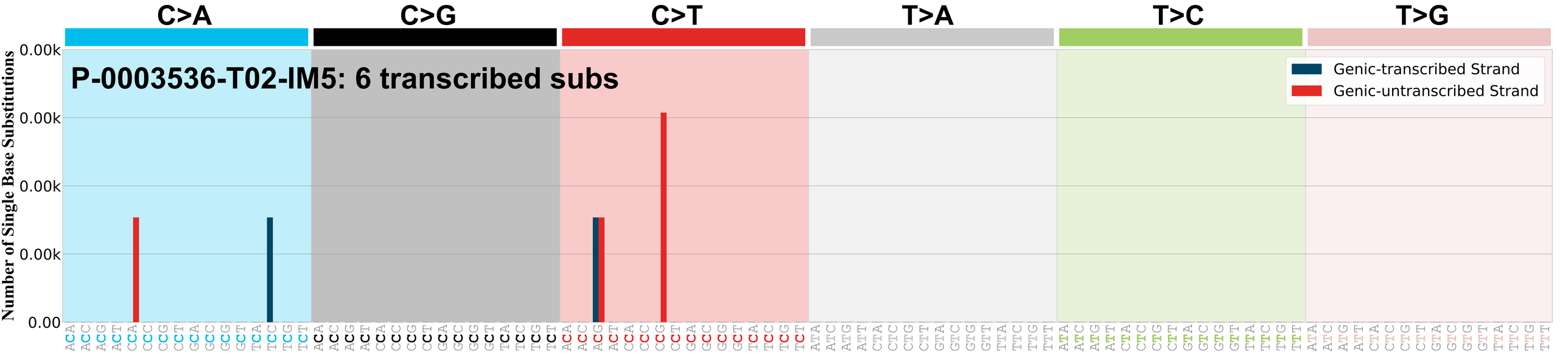
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C>G
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T>G
P-0003536-T02-IM5: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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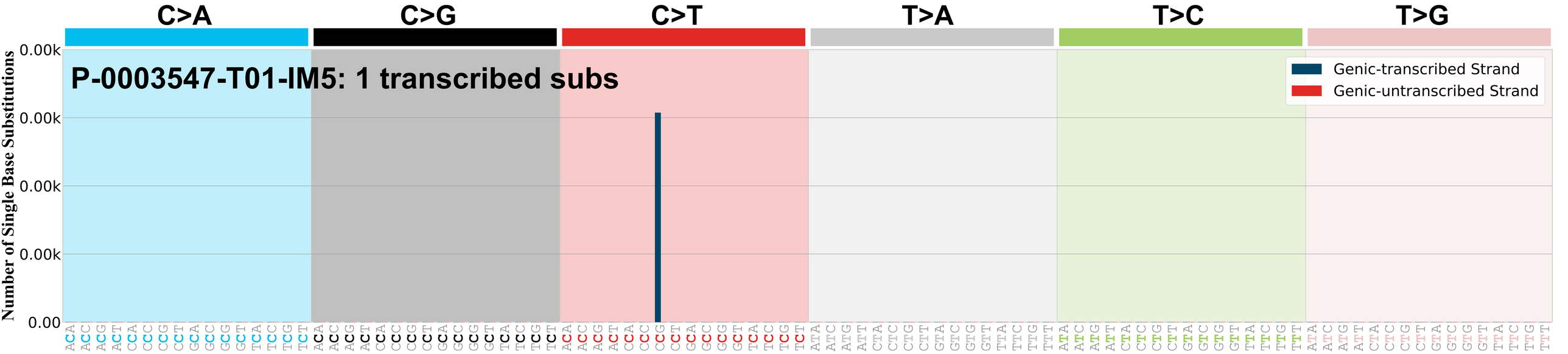
C>A
C>G
C>T
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T>C
T>G
P-0003547-T01-IM5: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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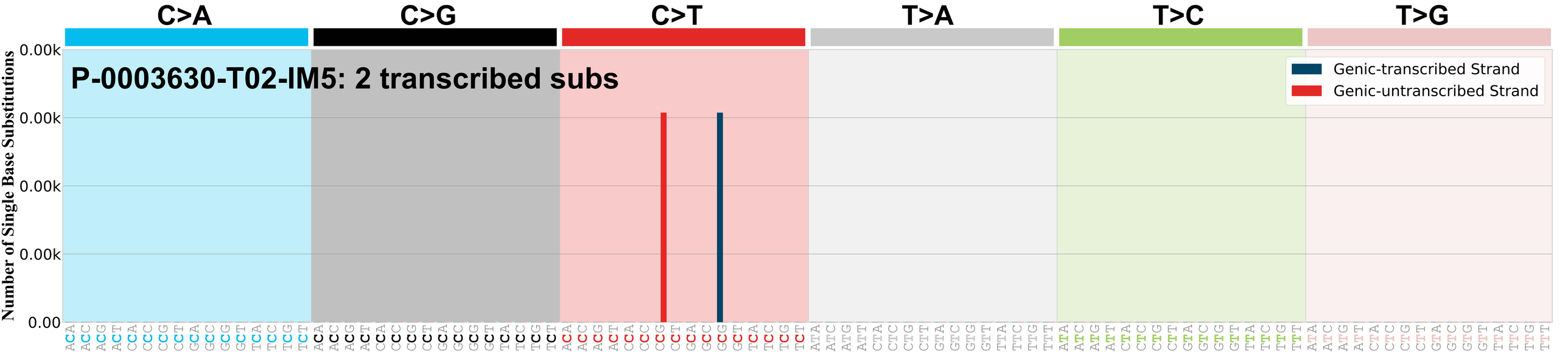
C>A
C>G
C>T
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T>C
T>G
P-0003630-T02-IM5: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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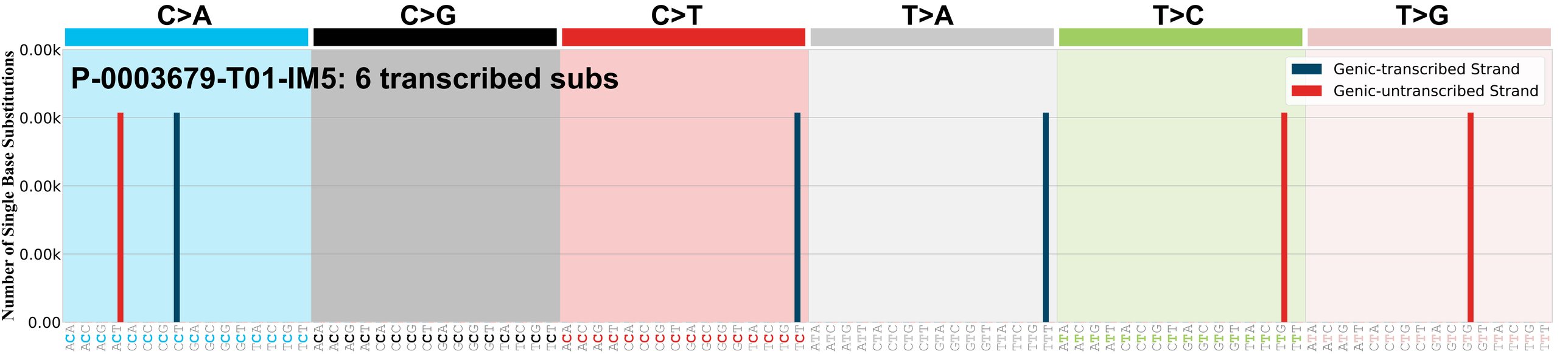
C>A
C>G
C>T
T>A
T>C
T>G
P-0003679-T01-IM5: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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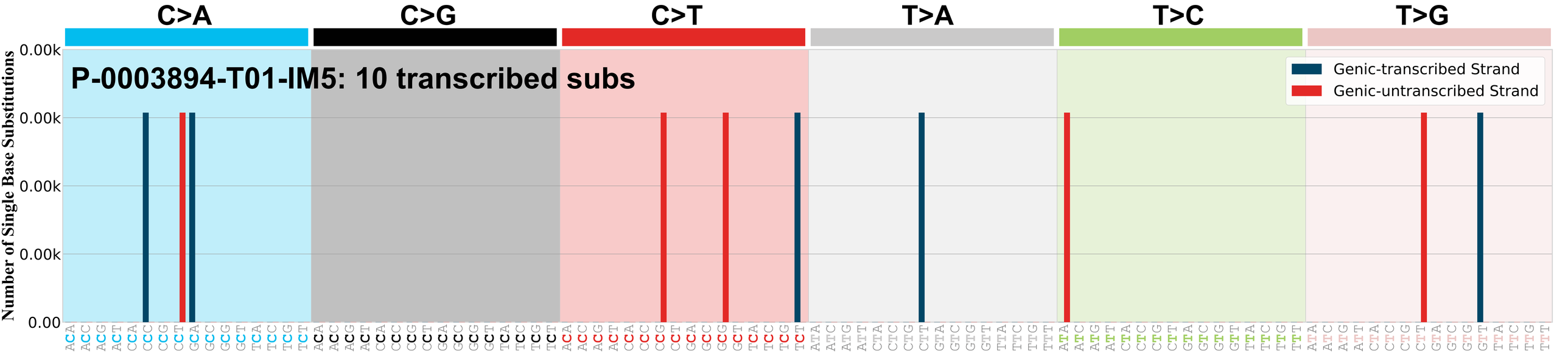
C>A
C>G
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T>C
T>G
P-0003894-T01-IM5: 10 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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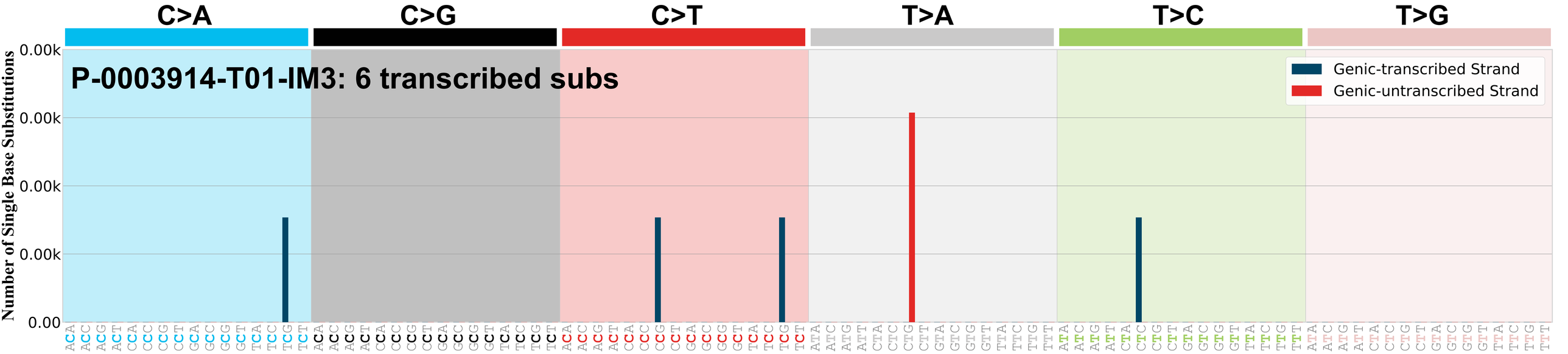
C>A
C>G
C>T
T>A
T>C
T>G
P-0003914-T01-IM3: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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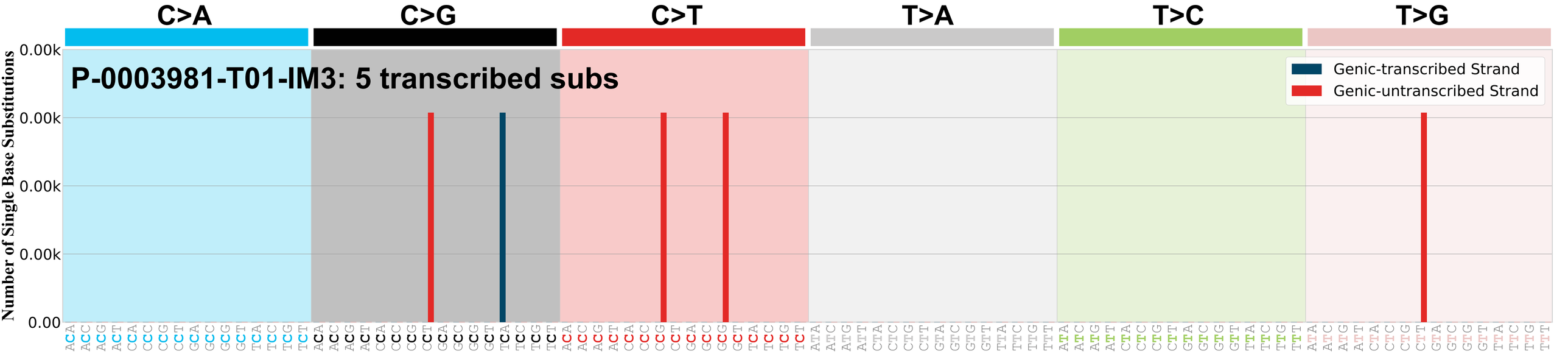
C>A
C>G
C>T
T>A
T>C
T>G
P-0003981-T01-IM3: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
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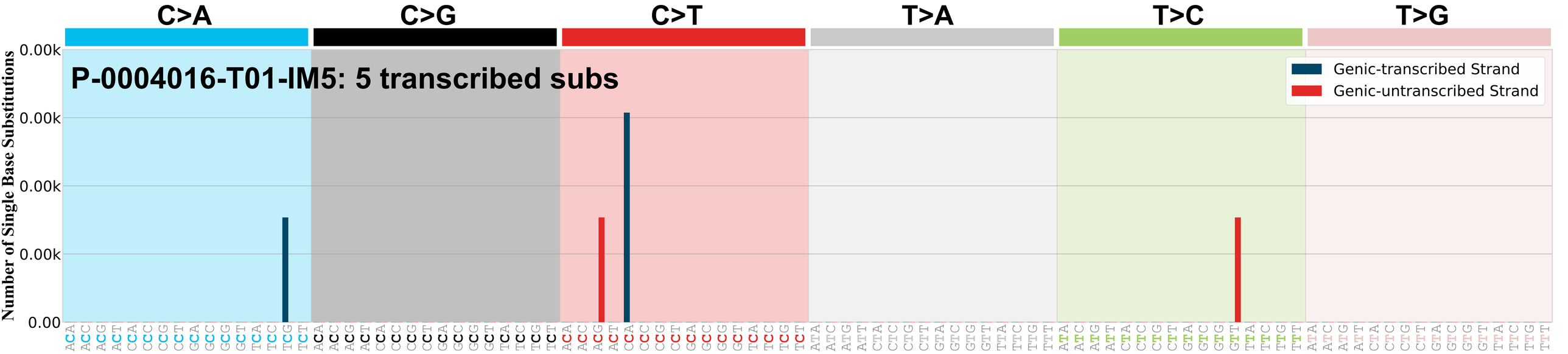
0.00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T>C
T>G
P-0004016-T01-IM5: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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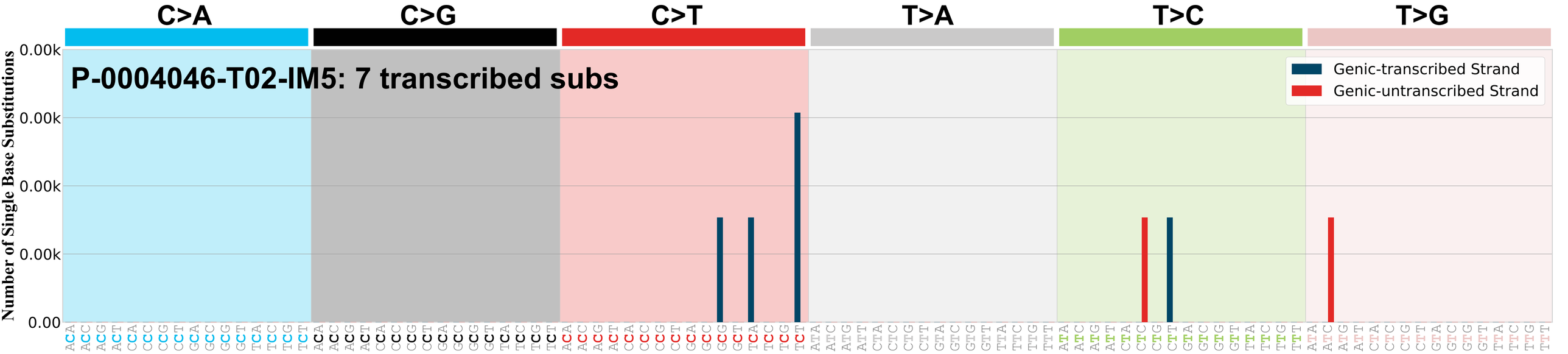
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T>G
P-0004046-T02-IM5: 7 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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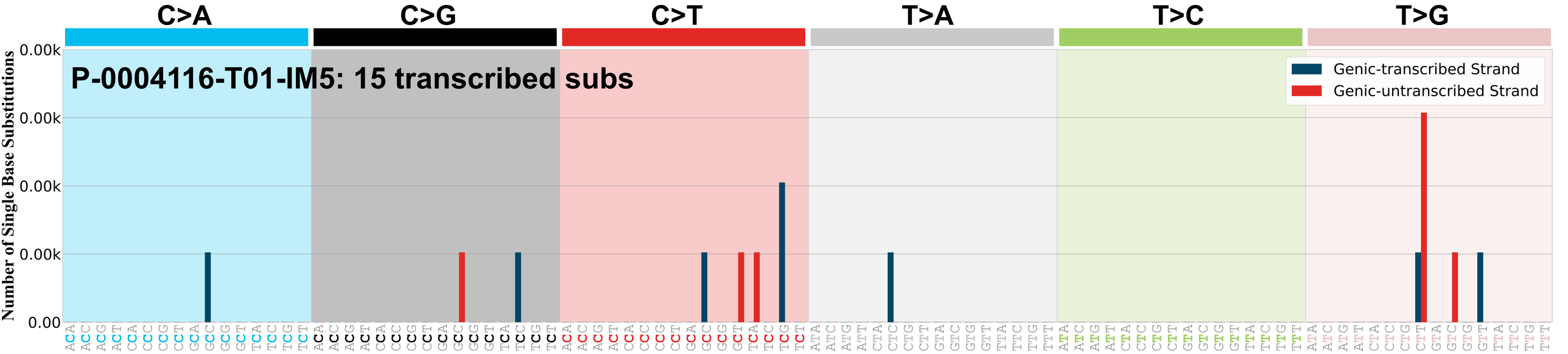
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C>G
C>T
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T>C
T>G
P-0004116-T01-IM5: 15 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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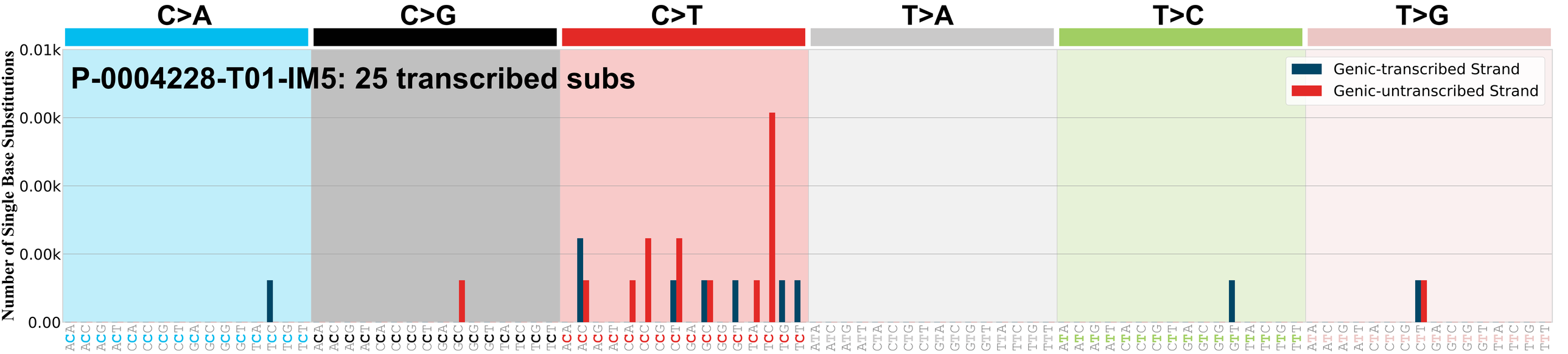
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C>G
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T>C
T>G
P-0004228-T01-IM5: 25 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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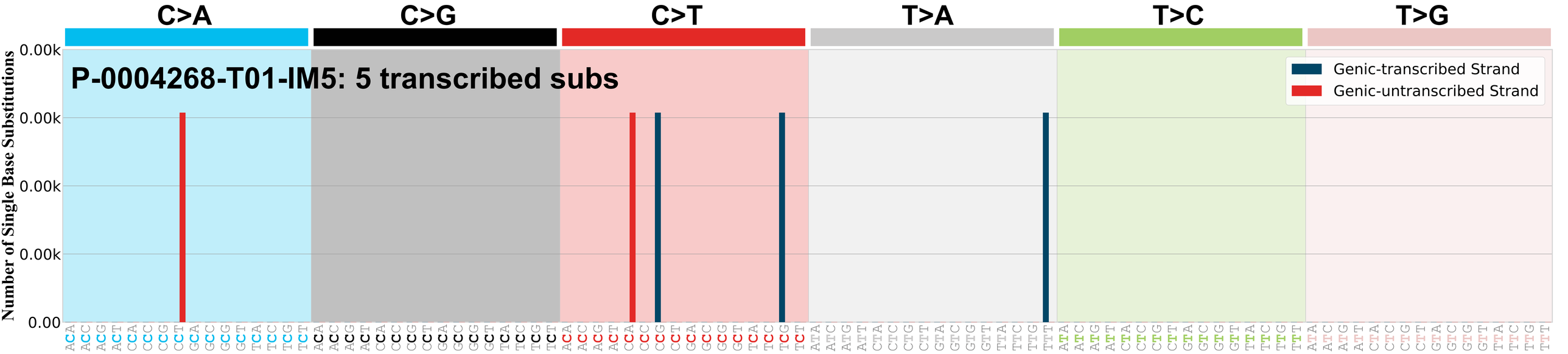
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T>G
P-0004268-T01-IM5: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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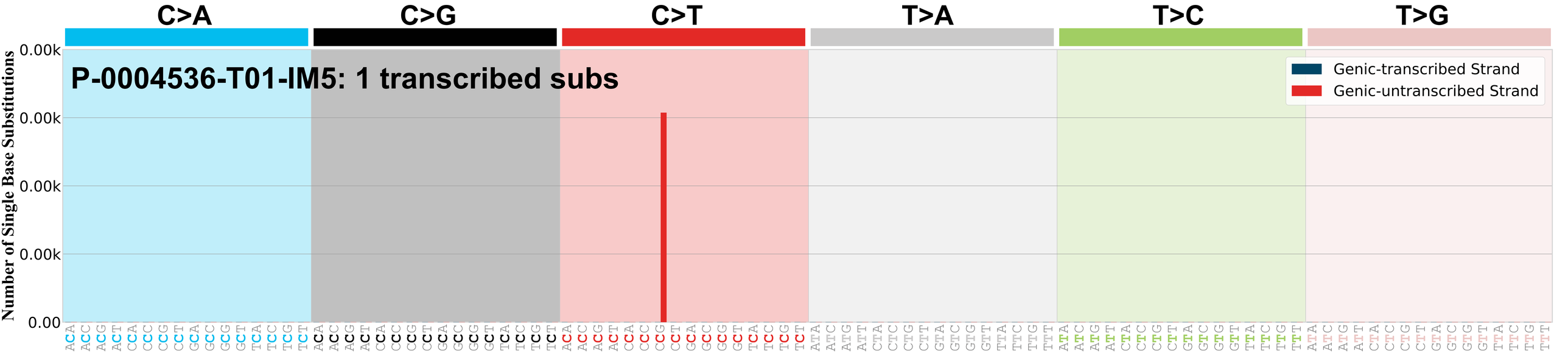
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C>G
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T>C
T>G
P-0004536-T01-IM5: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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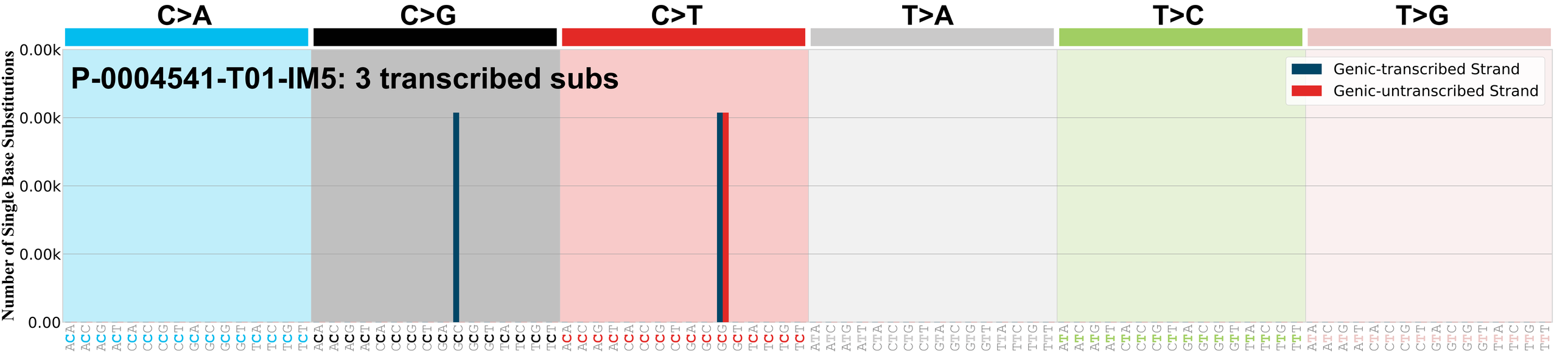
C>A
C>G
C>T
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T>C
T>G
P-0004541-T01-IM5: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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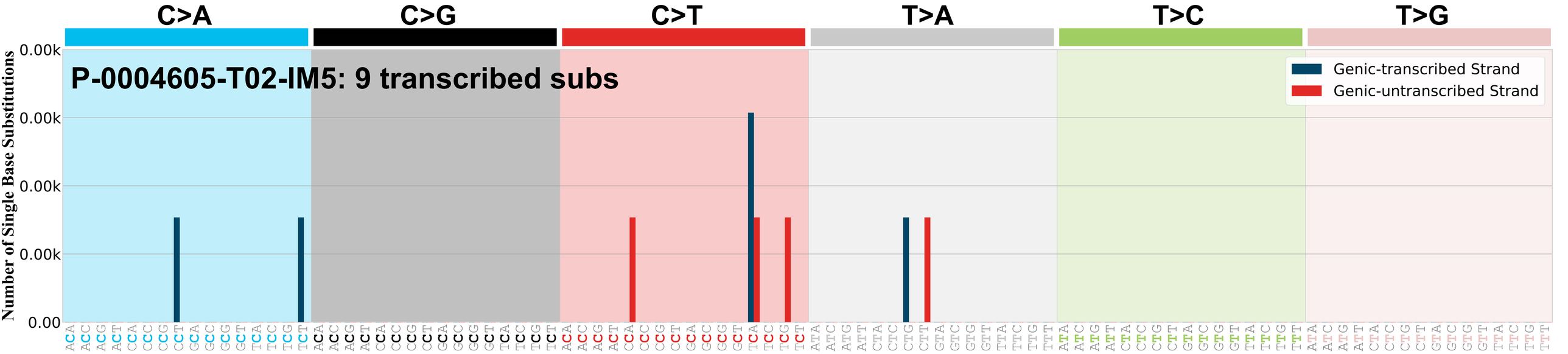
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C>G
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T>C
T>G
P-0004605-T02-IM5: 9 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
0.00k
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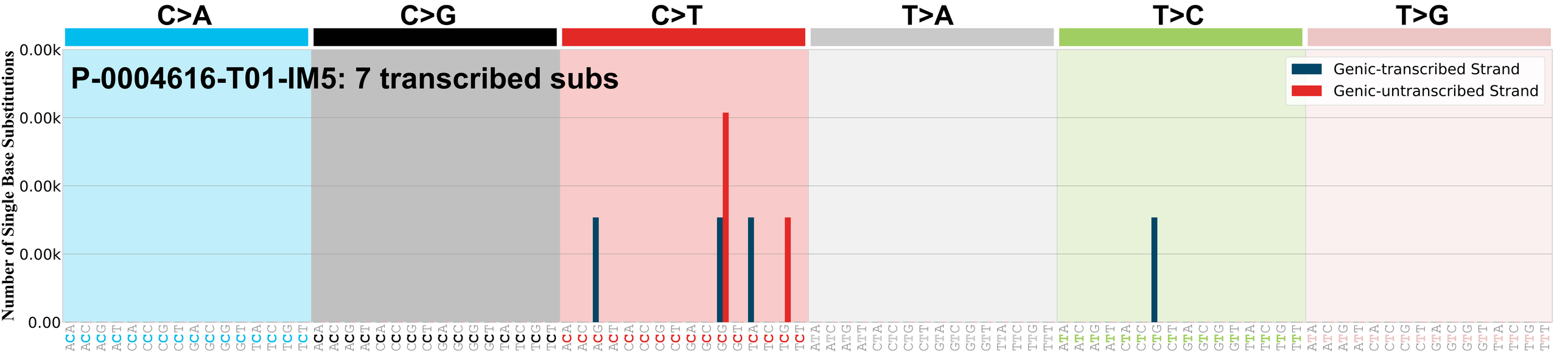
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C>G
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T>C
T>G
P-0004616-T01-IM5: 7 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
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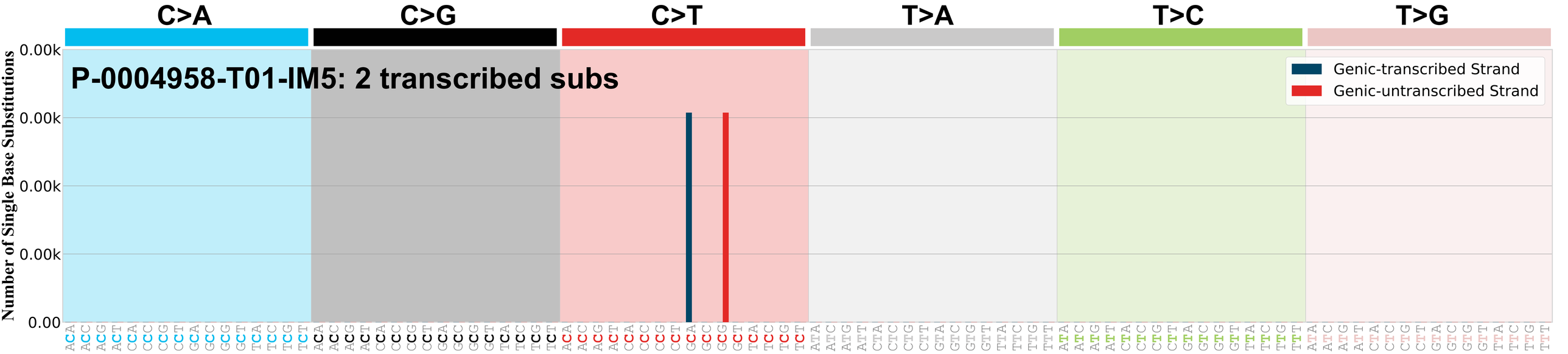
C>A
C>G
C>T
T>A
T>C
T>G
P-0004958-T01-IM5: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
0.00k
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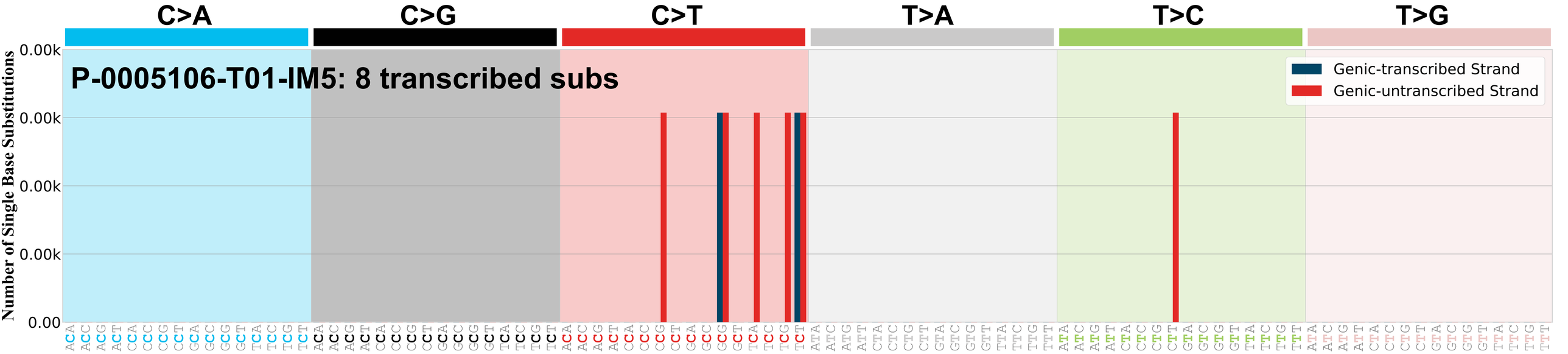
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C>G
C>T
T>A
T>C
T>G
P-0005106-T01-IM5: 8 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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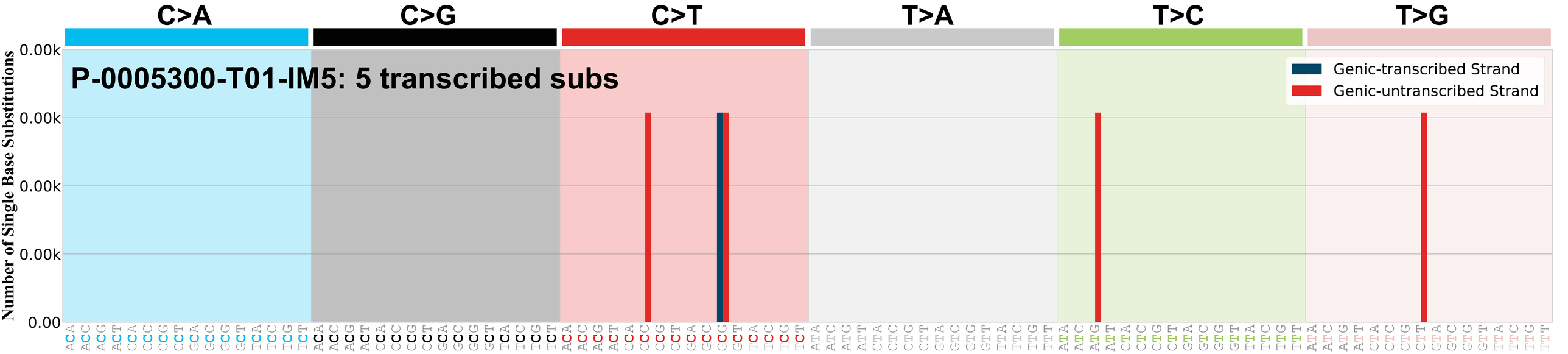
0.00k
0.00k
0.00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C>G
C>T
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T>C
T>G
P-0005300-T01-IM5: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
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0.00k
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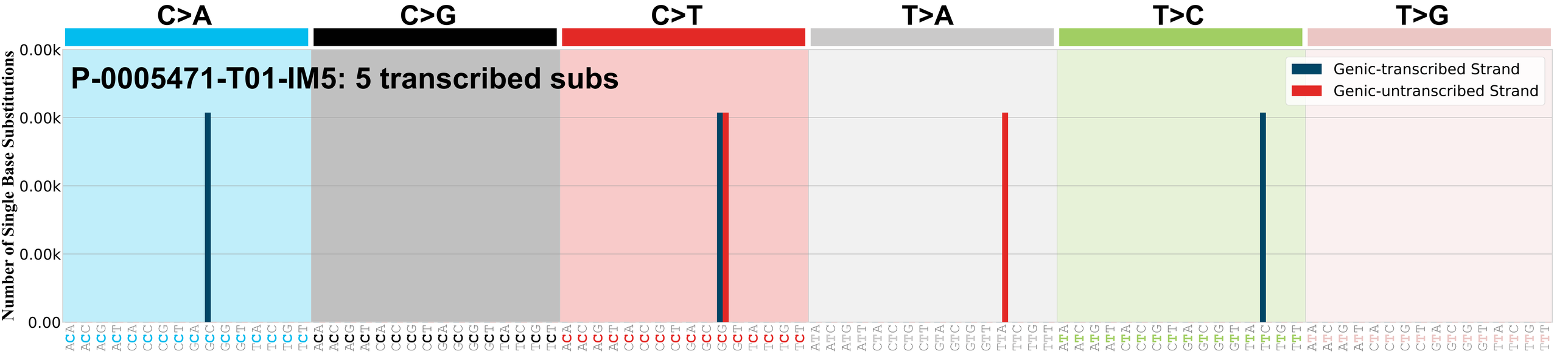
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T>A
T>C
T>G
P-0005471-T01-IM5: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
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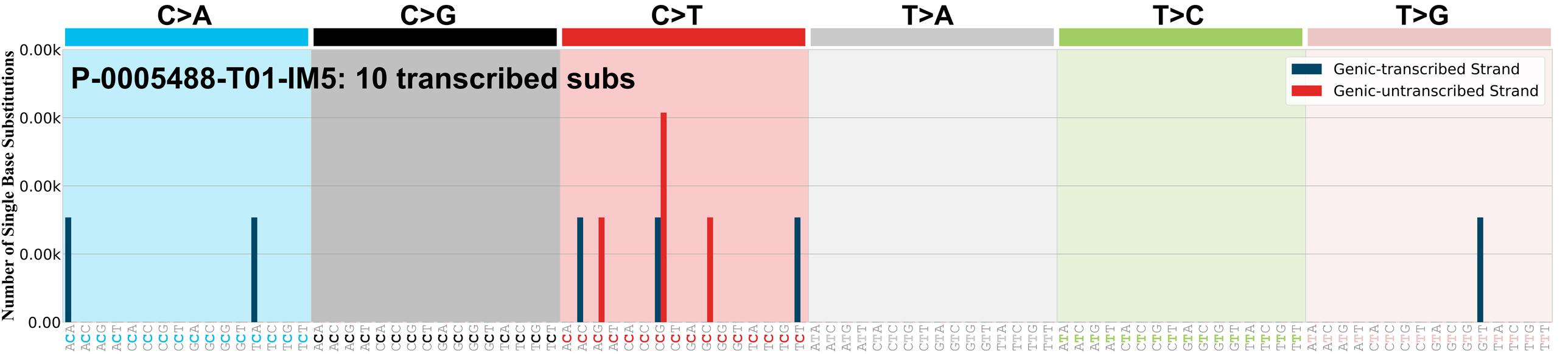
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C>G
C>T
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T>C
T>G
P-0005488-T01-IM5: 10 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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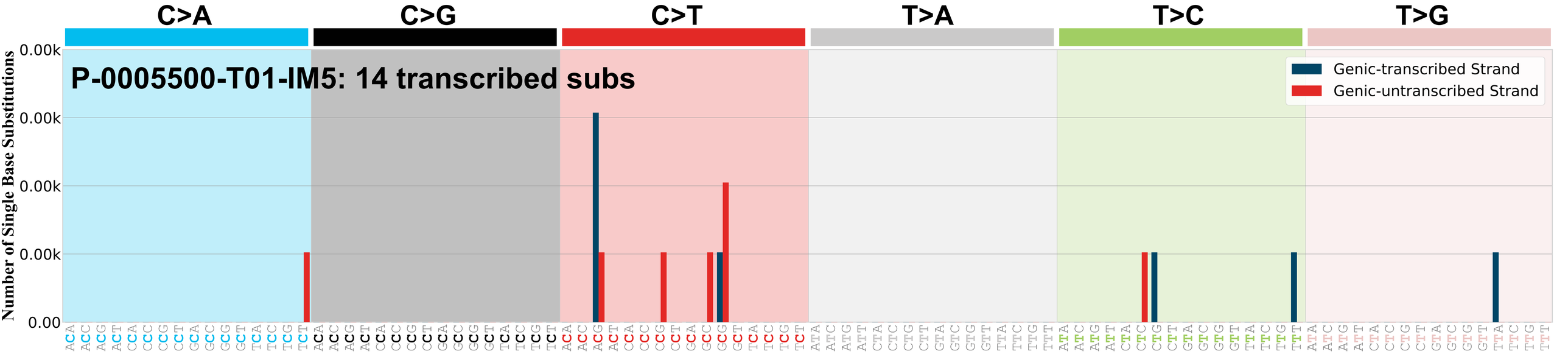
0.00k
0.00k
0.00k
0.00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C>G
C>T
T>A
T>C
T>G
P-0005500-T01-IM5: 14 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
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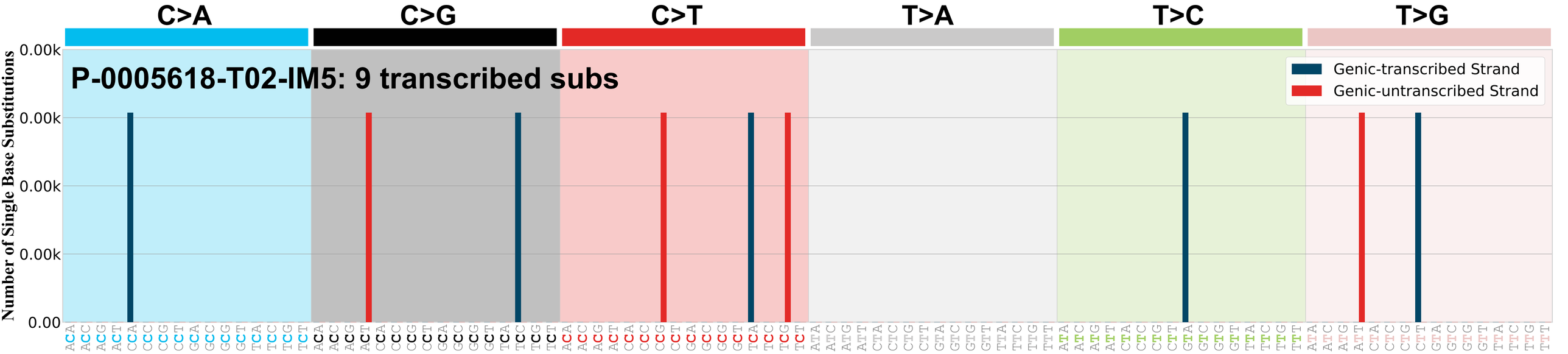
C>A
C>G
C>T
T>A
T>C
T>G
P-0005618-T02-IM5: 9 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
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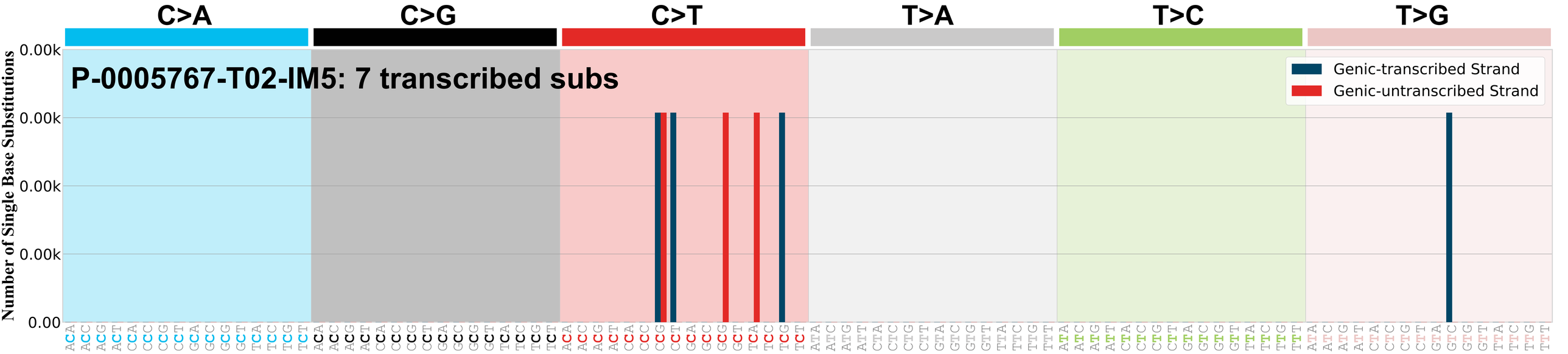
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C>T
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T>C
T>G
P-0005767-T02-IM5: 7 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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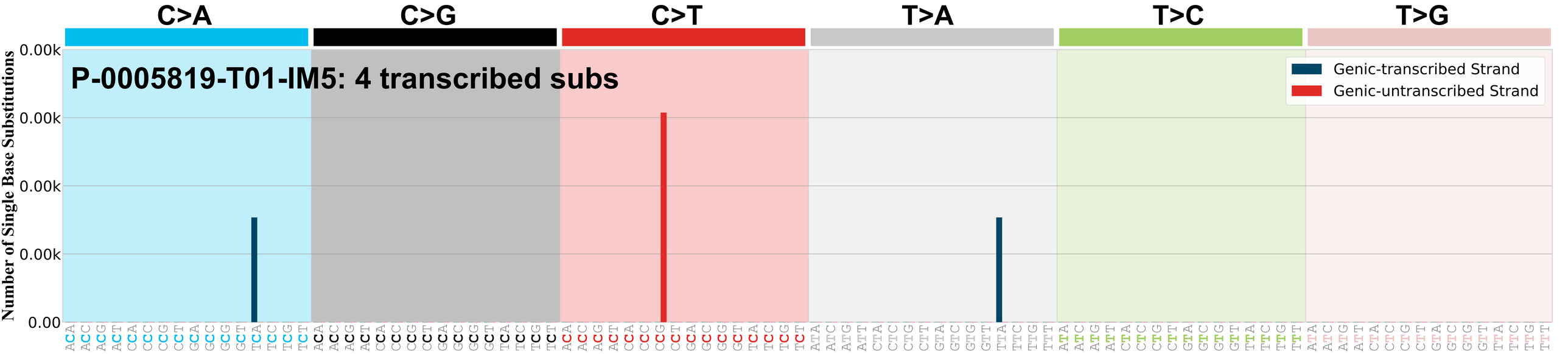
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C>G
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T>C
T>G
P-0005819-T01-IM5: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
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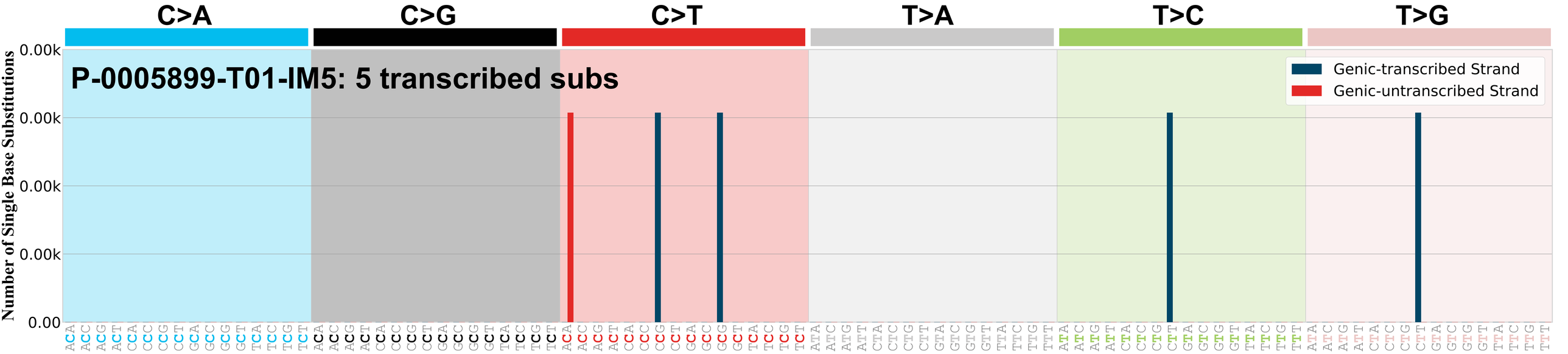
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C>G
C>T
T>A
T>C
T>G
P-0005899-T01-IM5: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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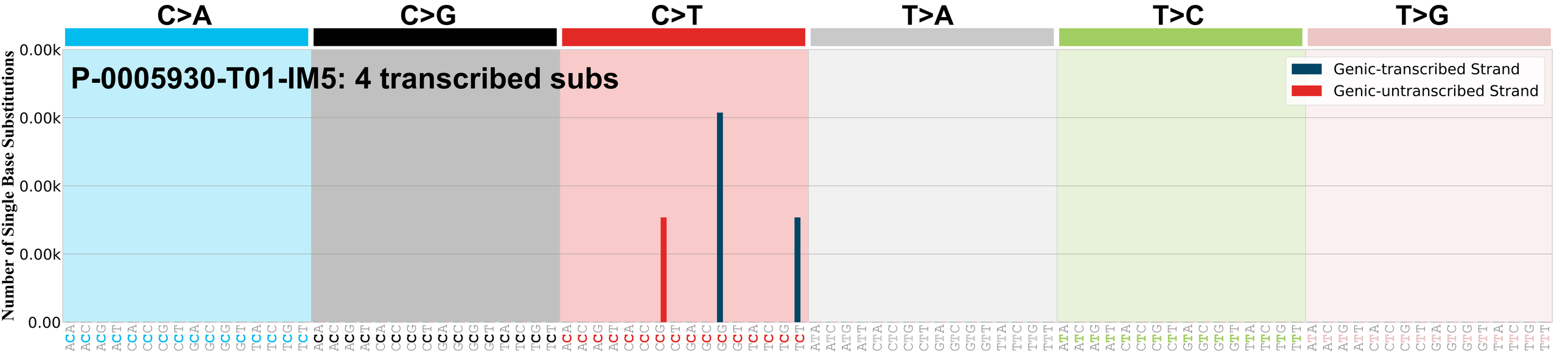
C>A
C>G
C>T
T>A
T>C
T>G
P-0005930-T01-IM5: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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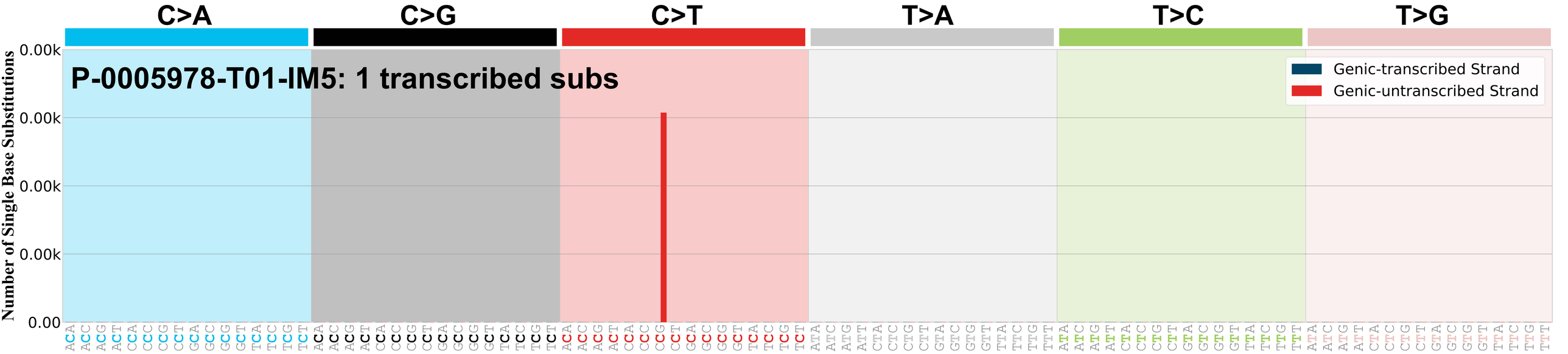
C>A
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T>C
T>G
P-0005978-T01-IM5: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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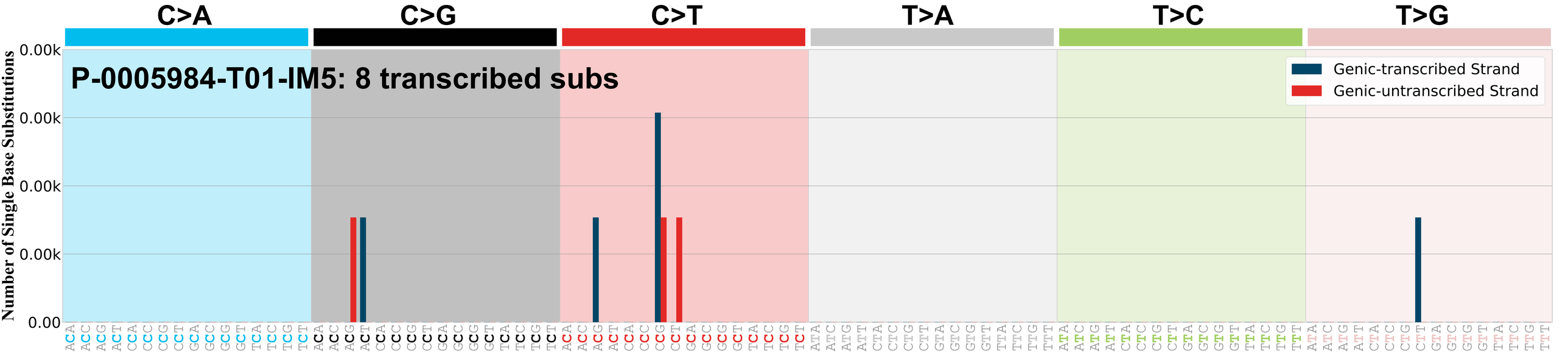
C>A
C>G
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T>C
T>G
P-0005984-T01-IM5: 8 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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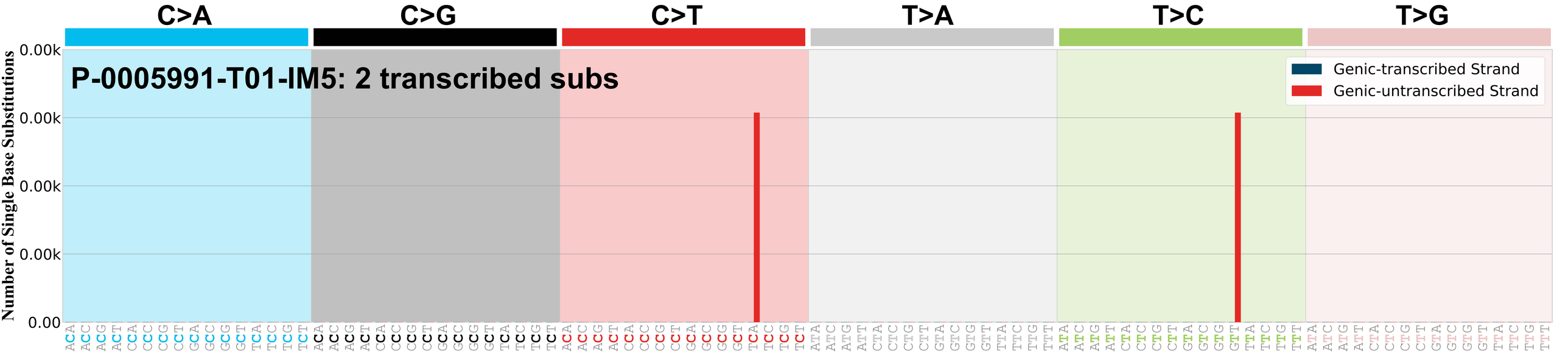
C>A
C>G
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T>C
T>G
P-0005991-T01-IM5: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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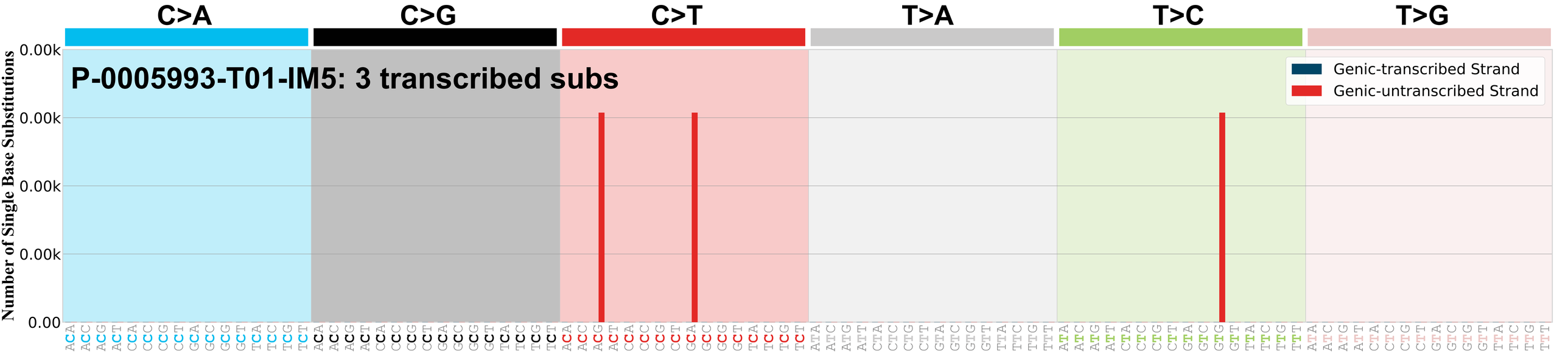
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T>G
P-0005993-T01-IM5: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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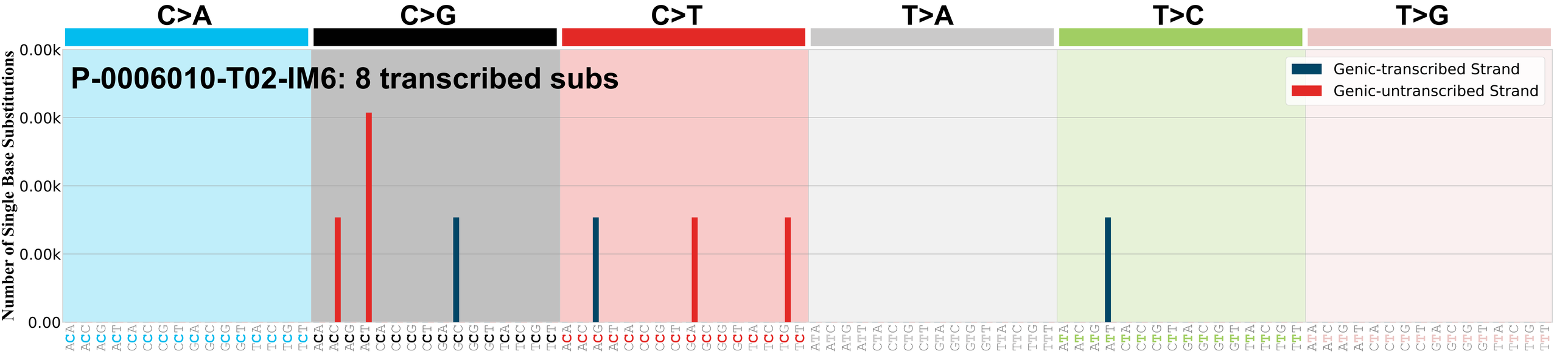
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T>G
P-0006010-T02-IM6: 8 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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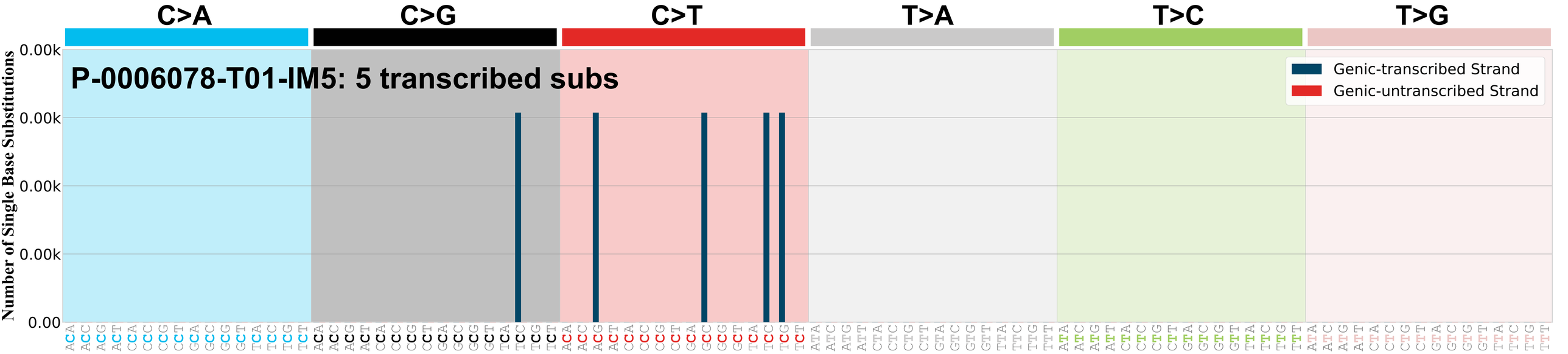
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T>G
P-0006078-T01-IM5: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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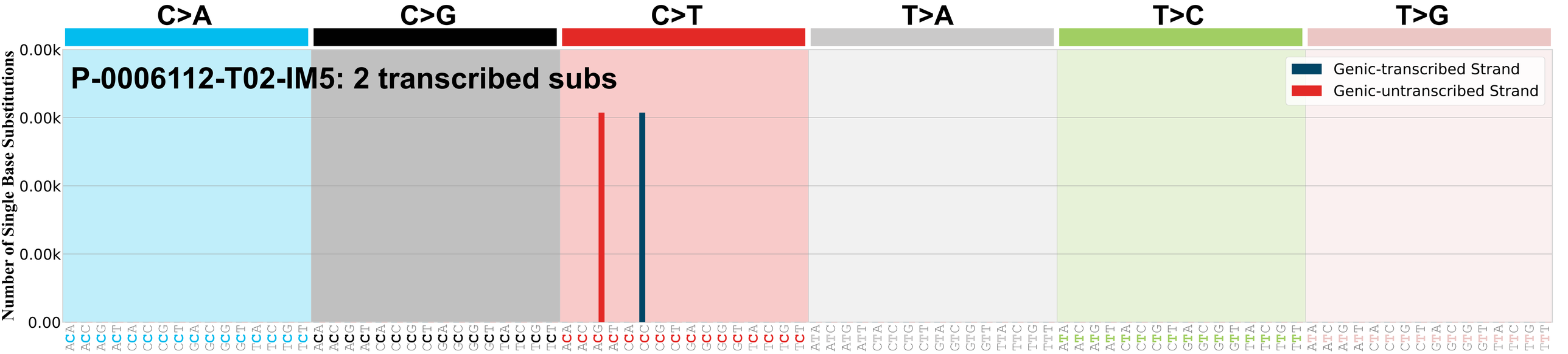
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T>G
P-0006112-T02-IM5: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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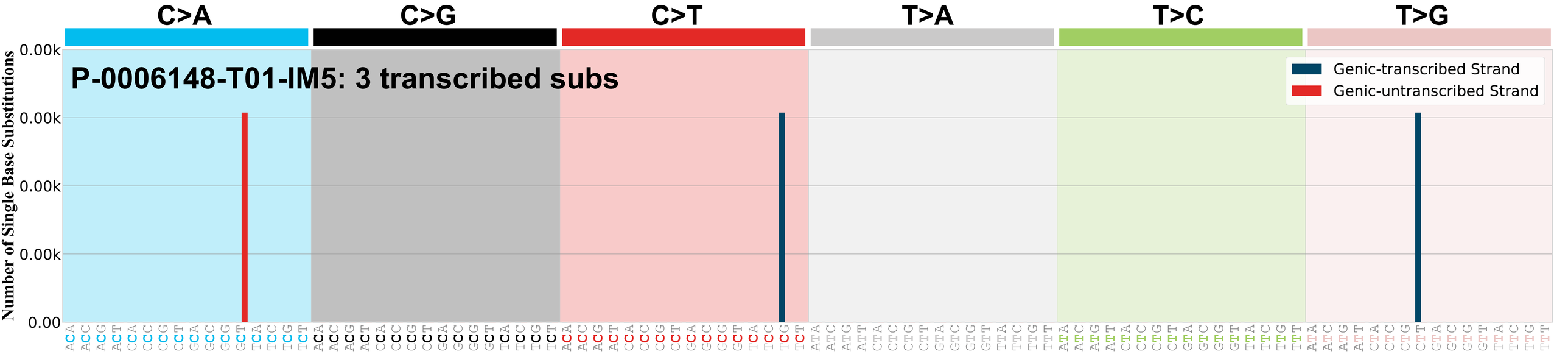
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T>G
P-0006148-T01-IM5: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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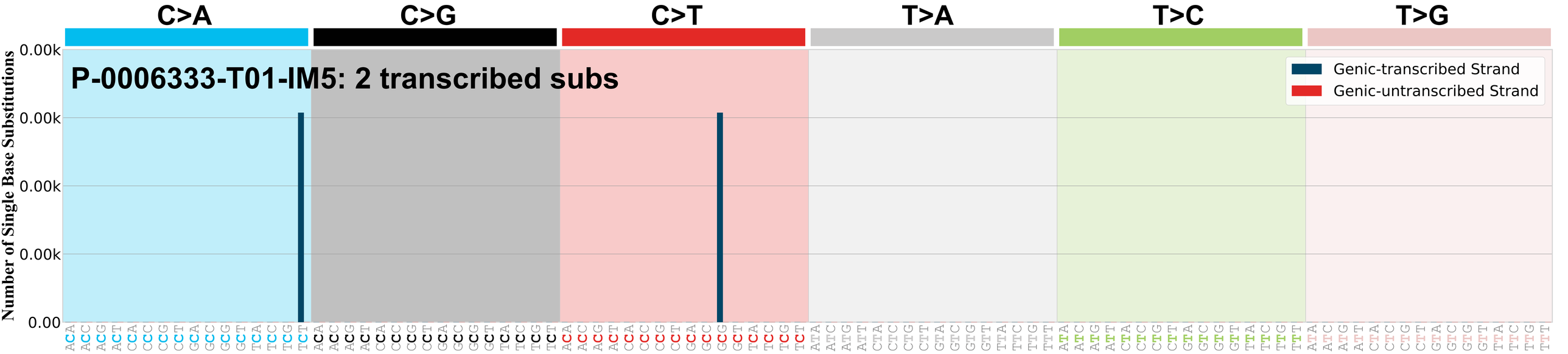
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T>G
P-0006333-T01-IM5: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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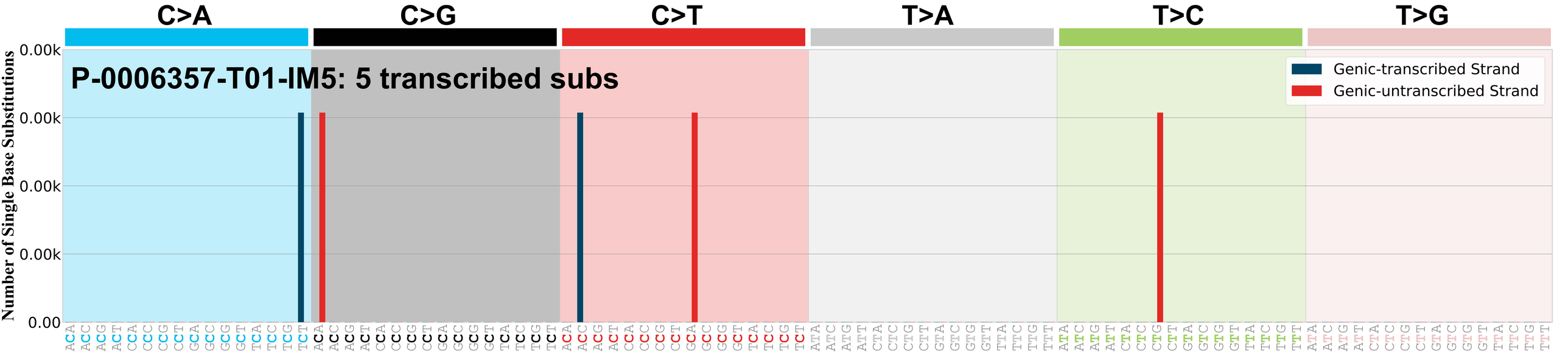
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T>C
T>G
P-0006357-T01-IM5: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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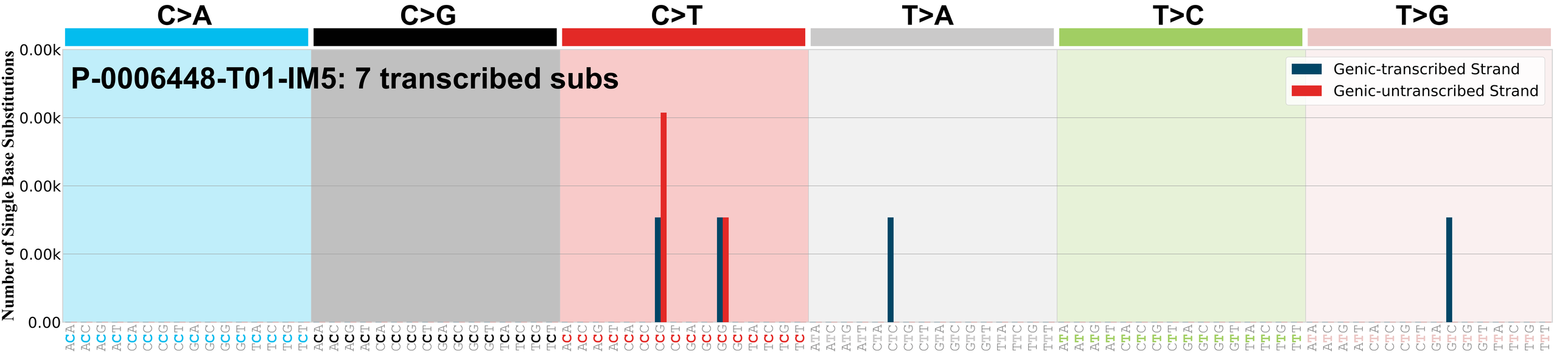
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T>C
T>G
P-0006448-T01-IM5: 7 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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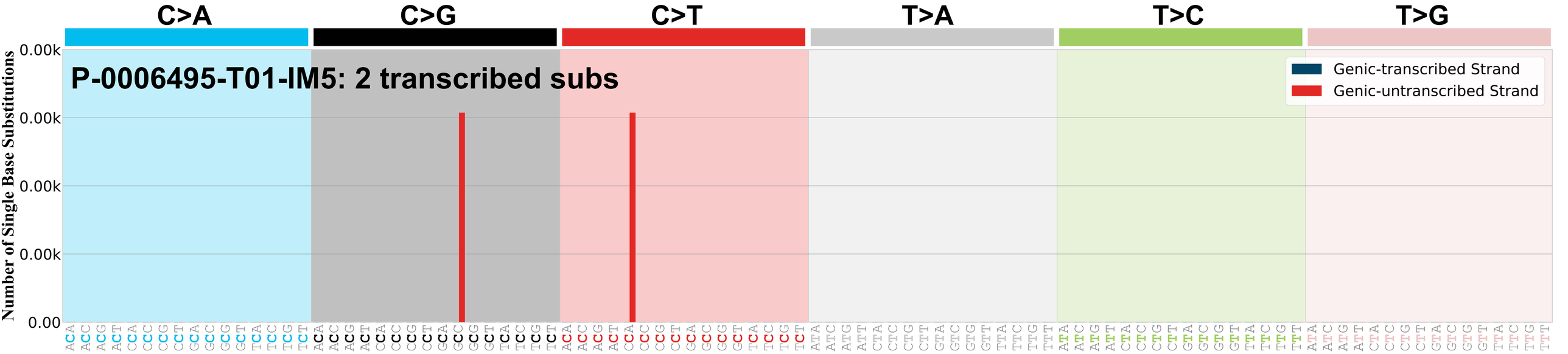
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T>A
T>C
T>G
P-0006495-T01-IM5: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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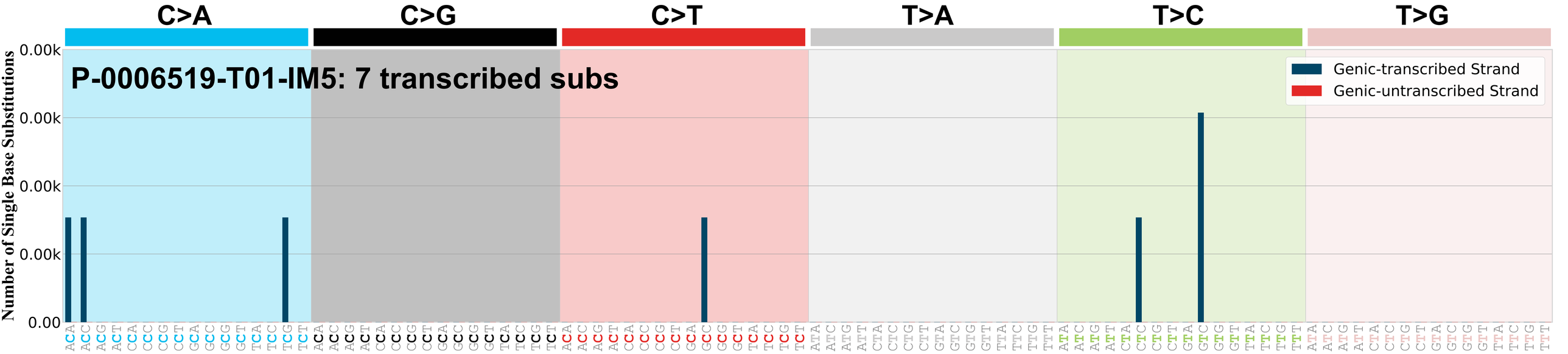
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P-0006519-T01-IM5: 7 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
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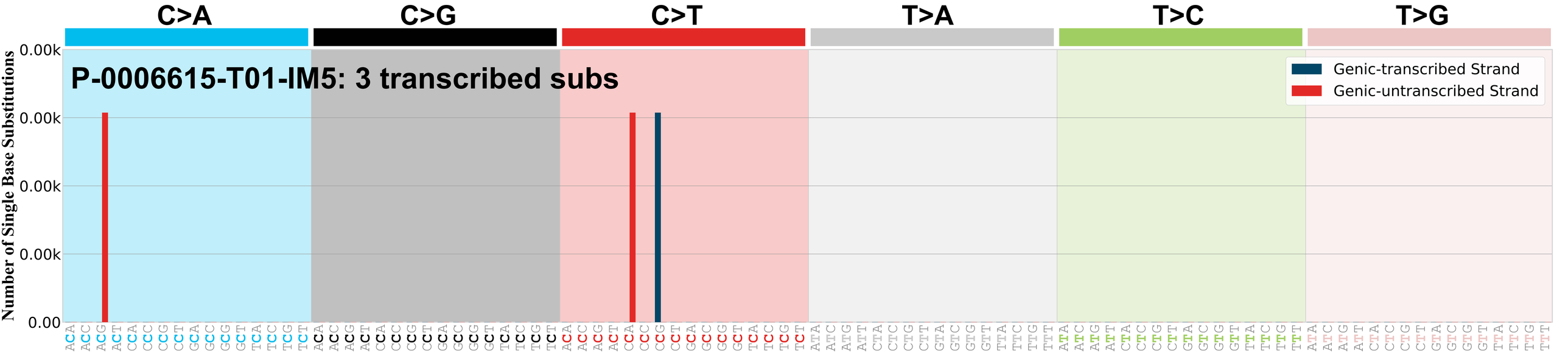
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P-0006615-T01-IM5: 3 transcribed subs
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Number of Single Base Substitutions
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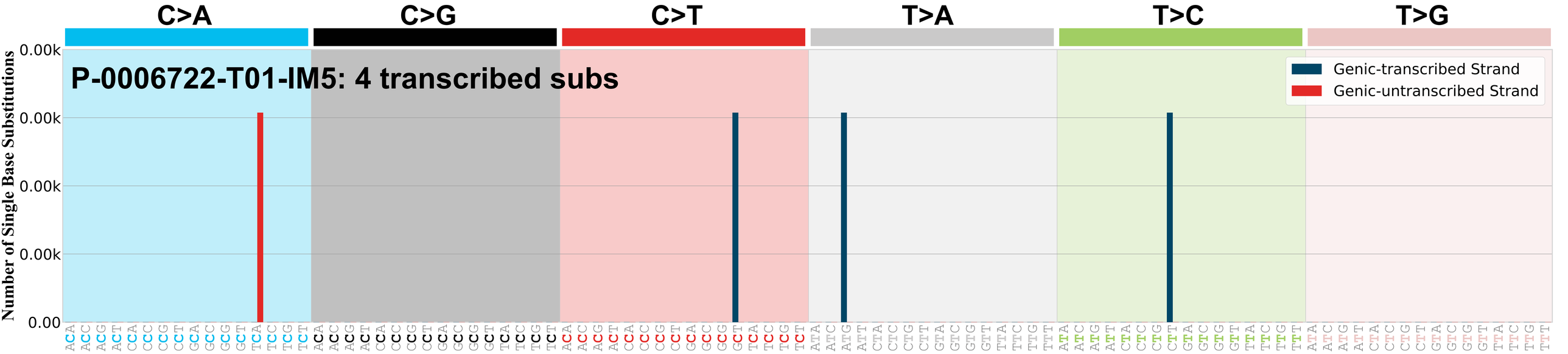
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P-0006722-T01-IM5: 4 transcribed subs
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Genic-untranscribed Strand
Number of Single Base Substitutions
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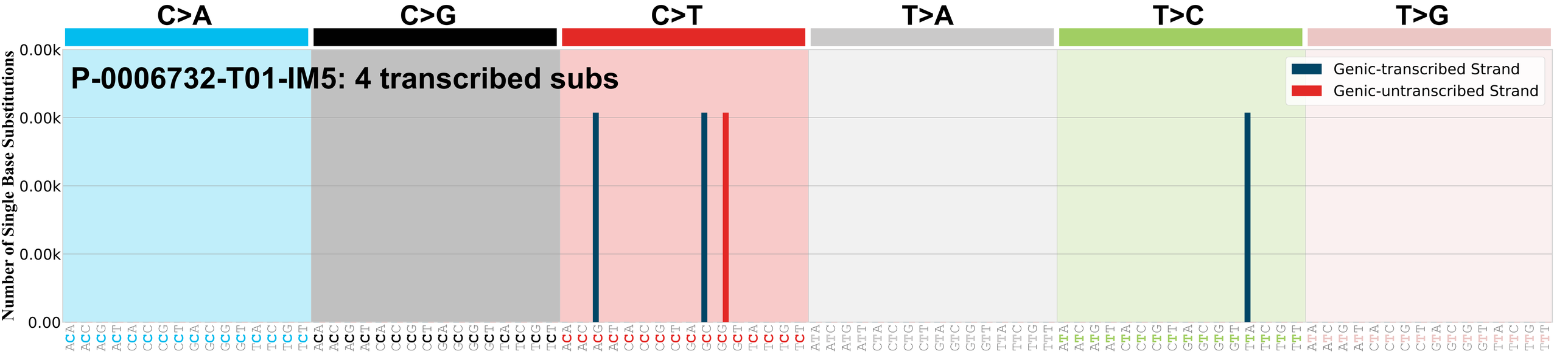
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P-0006732-T01-IM5: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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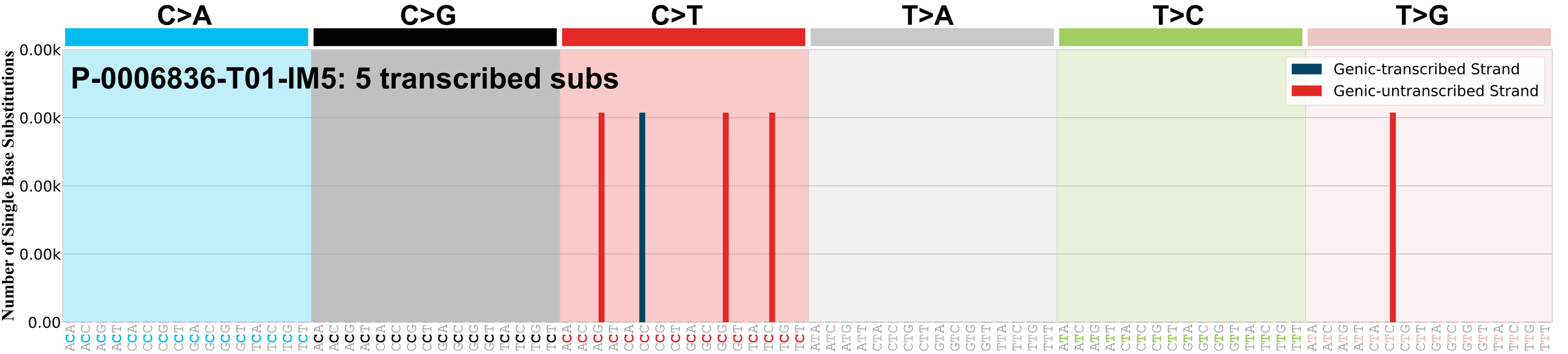
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P-0006836-T01-IM5: 5 transcribed subs
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Genic-untranscribed Strand
Number of Single Base Substitutions
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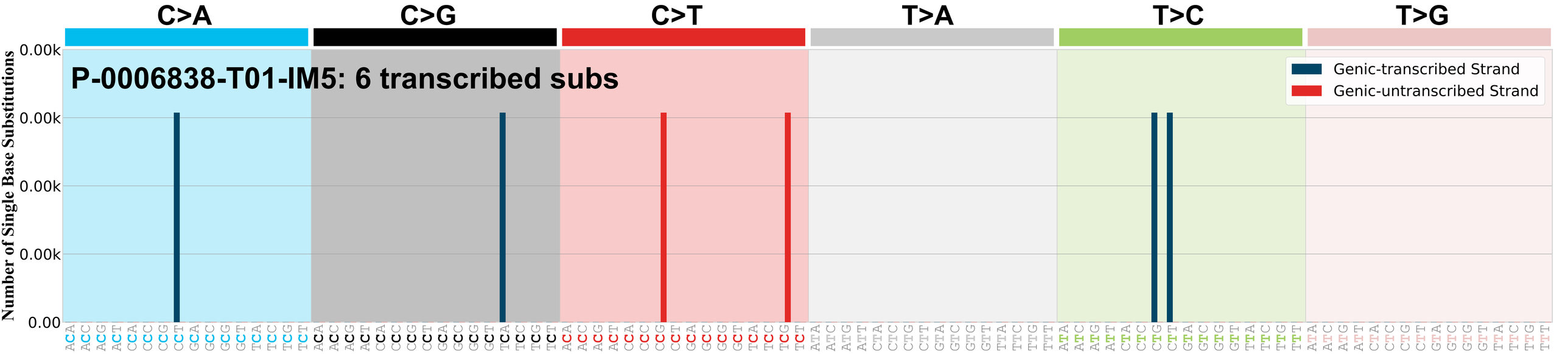
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P-0006838-T01-IM5: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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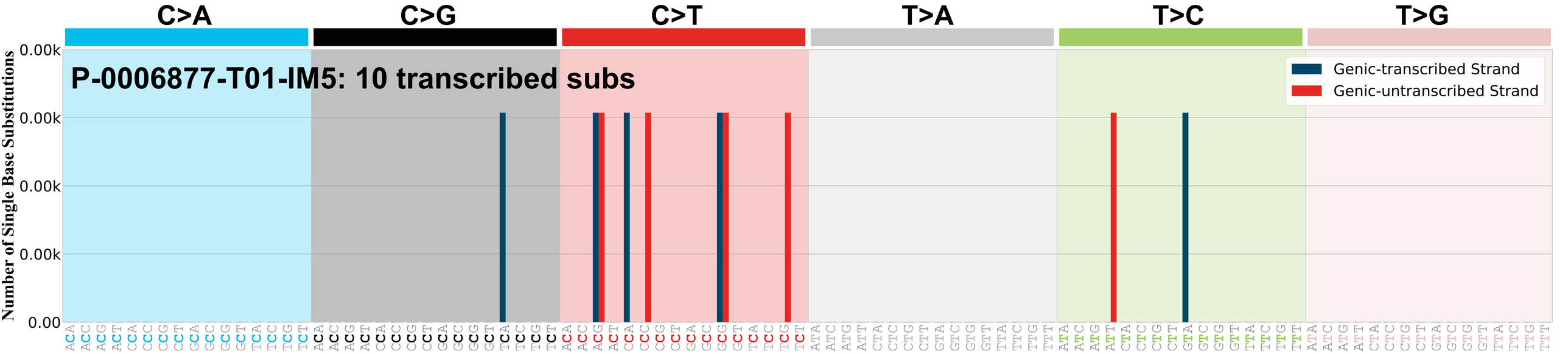
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P-0006877-T01-IM5: 10 transcribed subs
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Genic-untranscribed Strand
Number of Single Base Substitutions
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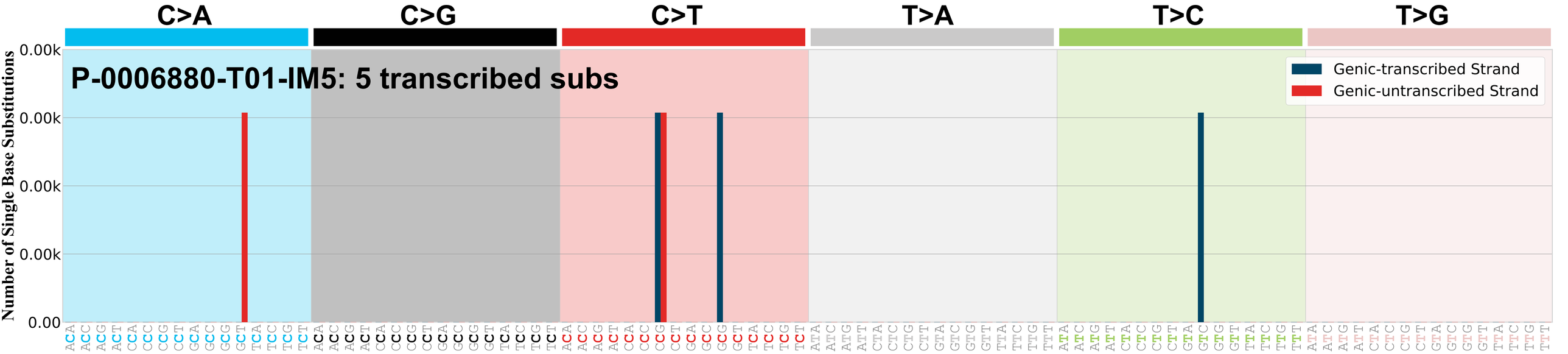
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P-0006880-T01-IM5: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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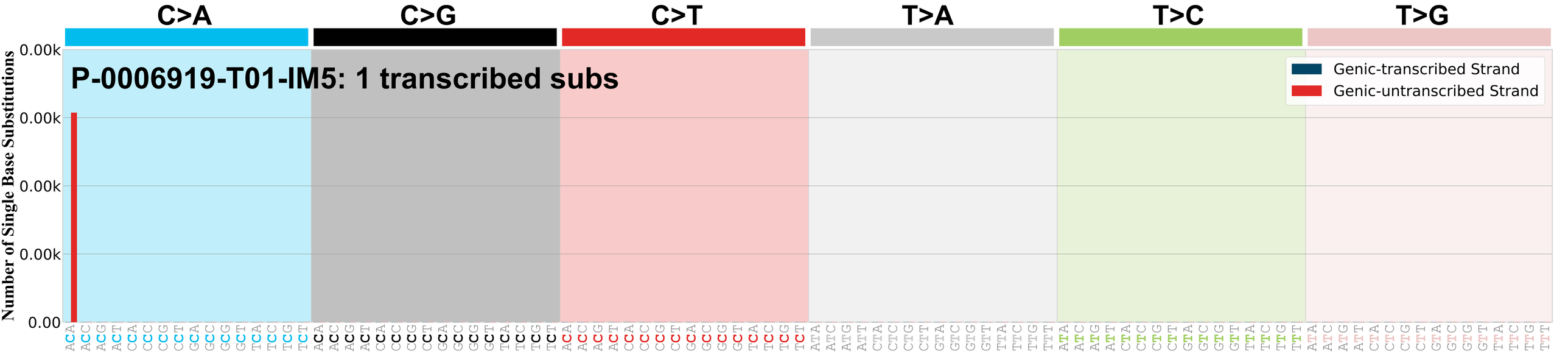
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P-0006919-T01-IM5: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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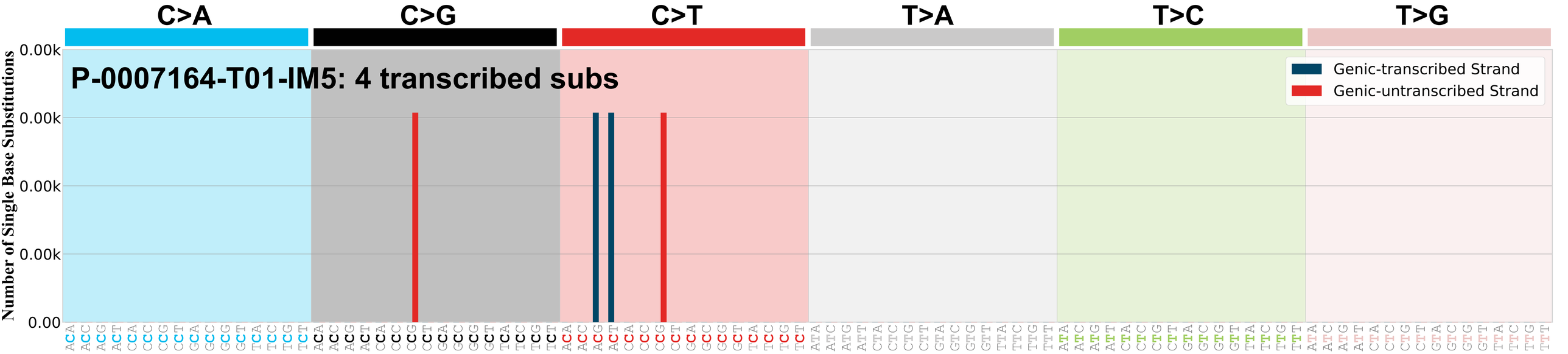
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P-0007164-T01-IM5: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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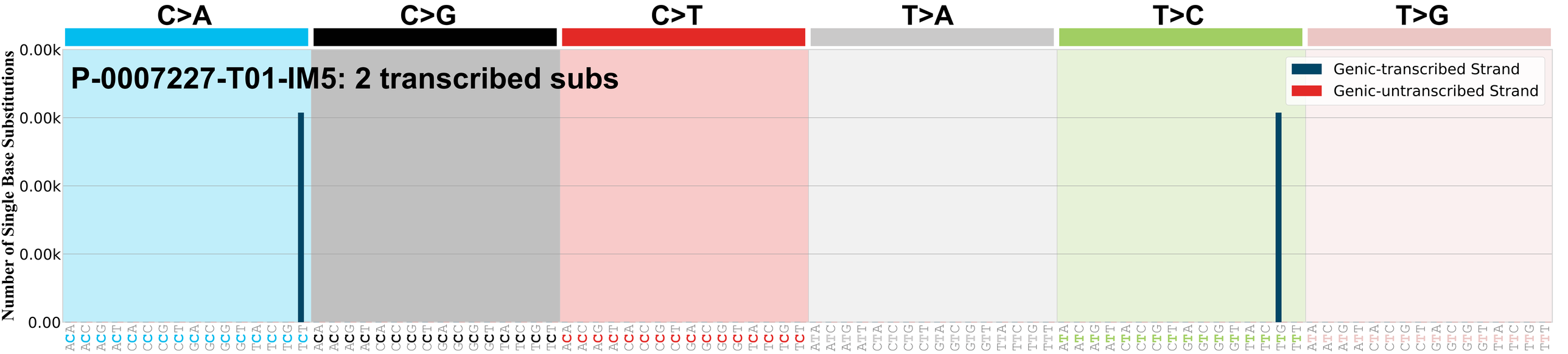
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P-0007227-T01-IM5: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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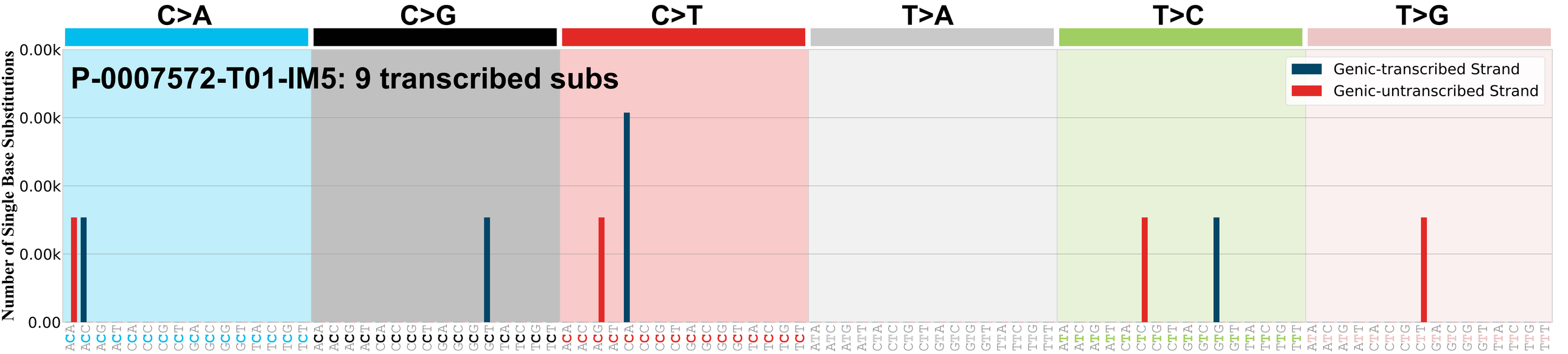
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P-0007572-T01-IM5: 9 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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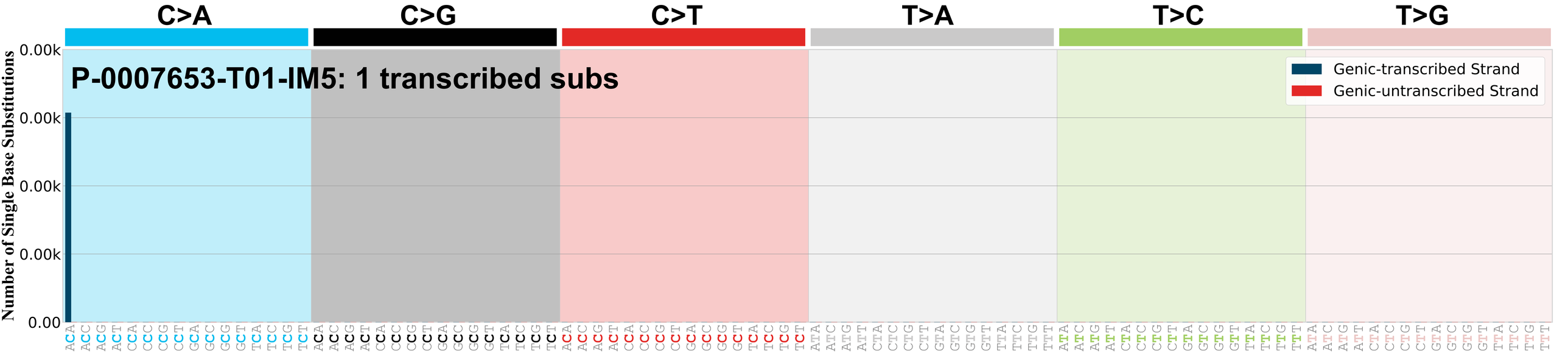
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T>C
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P-0007653-T01-IM5: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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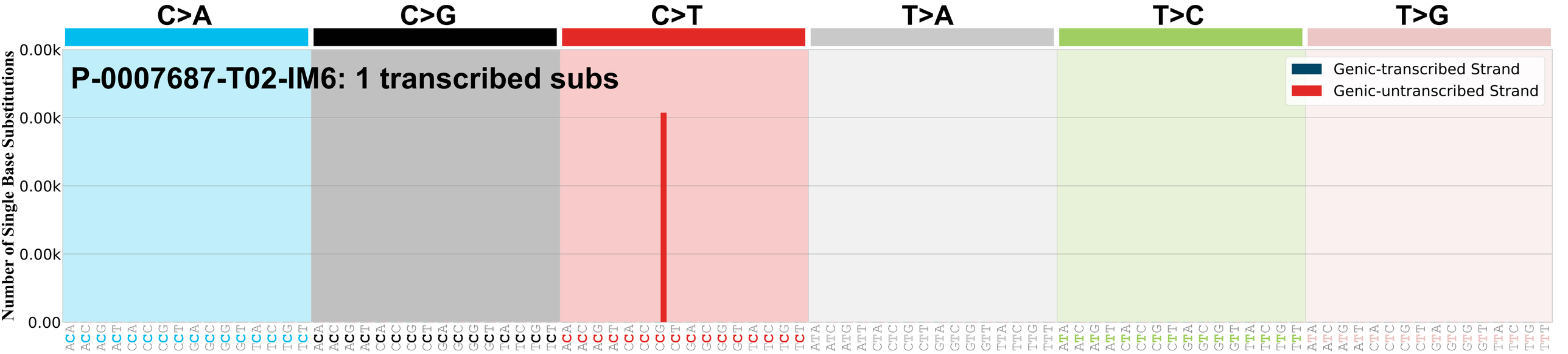
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T>C
T>G
P-0007687-T02-IM6: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
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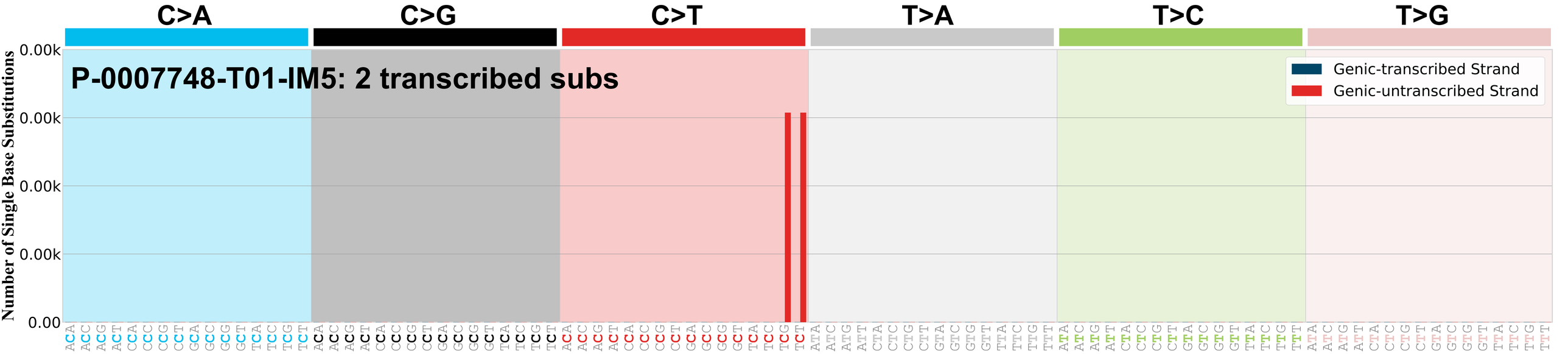
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T>C
T>G
P-0007748-T01-IM5: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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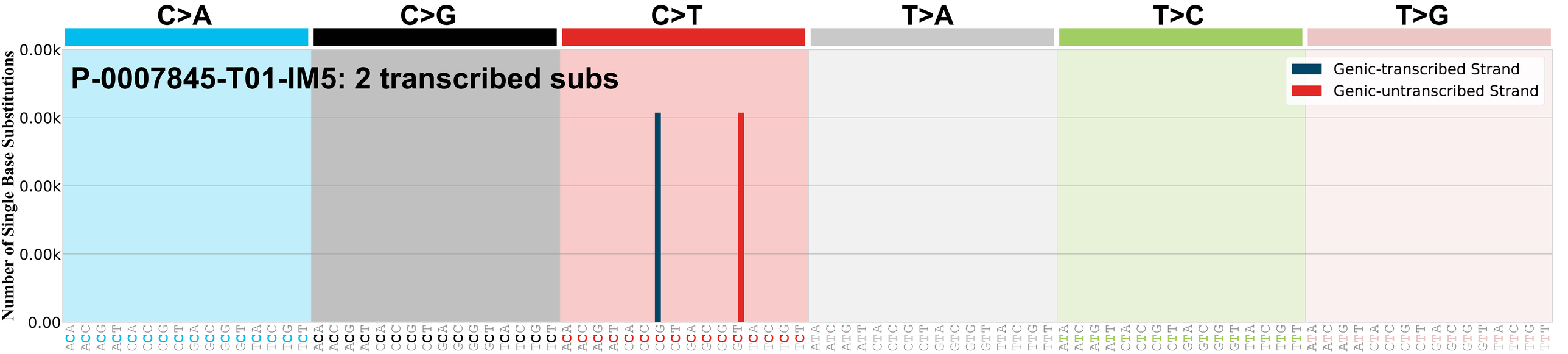
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T>C
T>G
P-0007845-T01-IM5: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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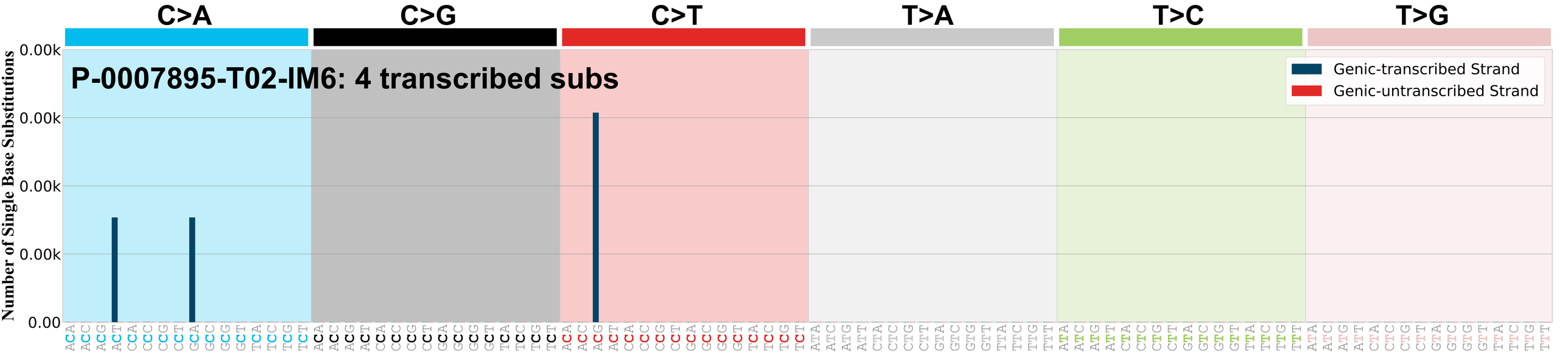
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P-0007895-T02-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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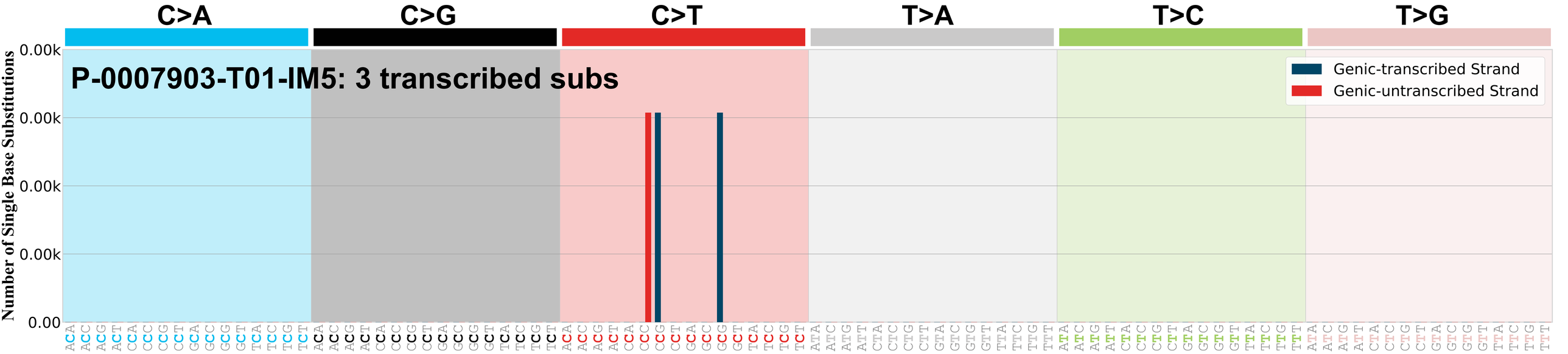
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P-0007903-T01-IM5: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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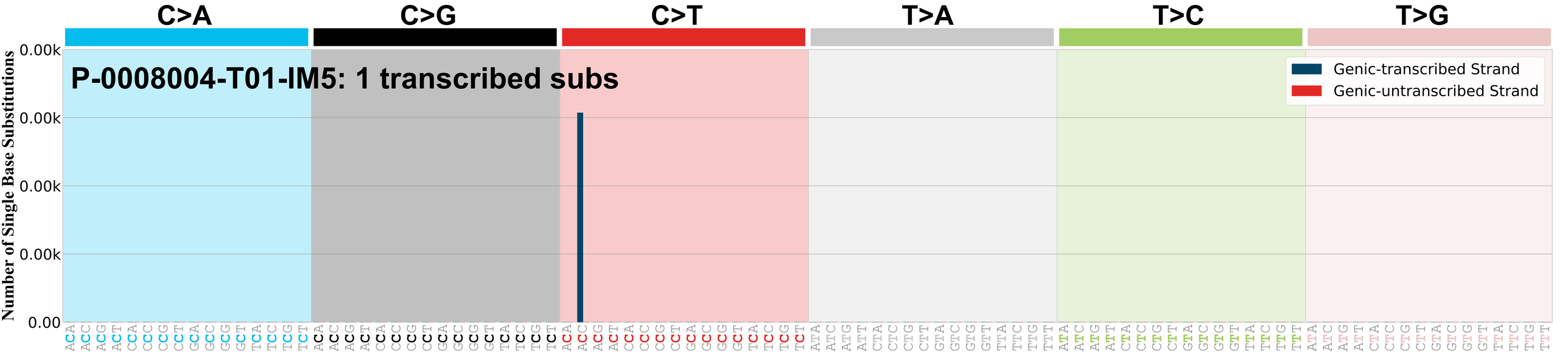
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T>G
P-0008004-T01-IM5: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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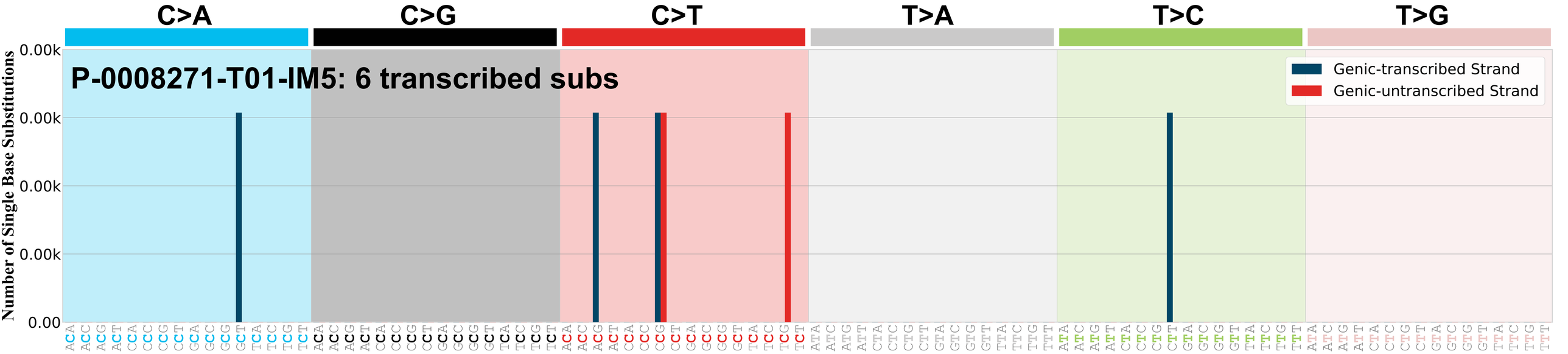
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P-0008271-T01-IM5: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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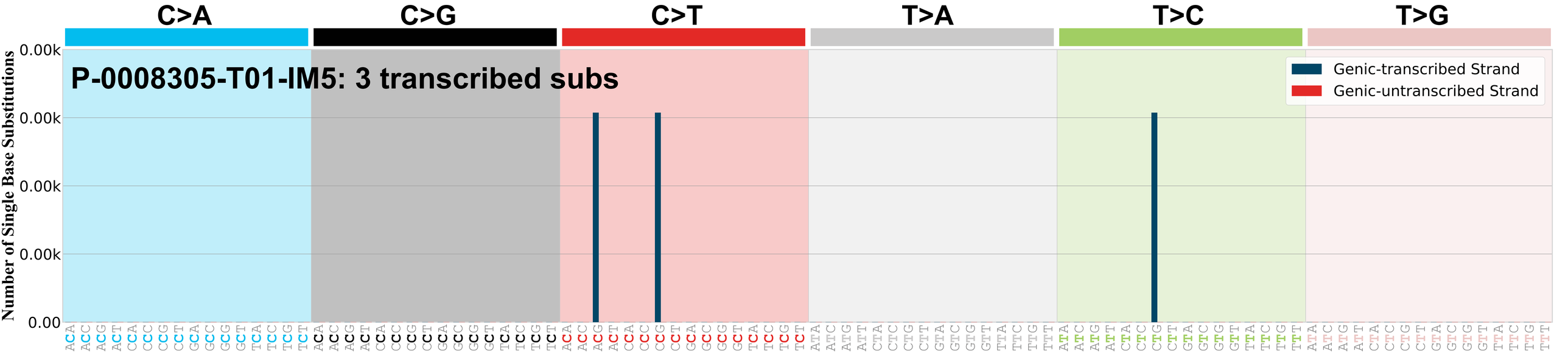
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P-0008305-T01-IM5: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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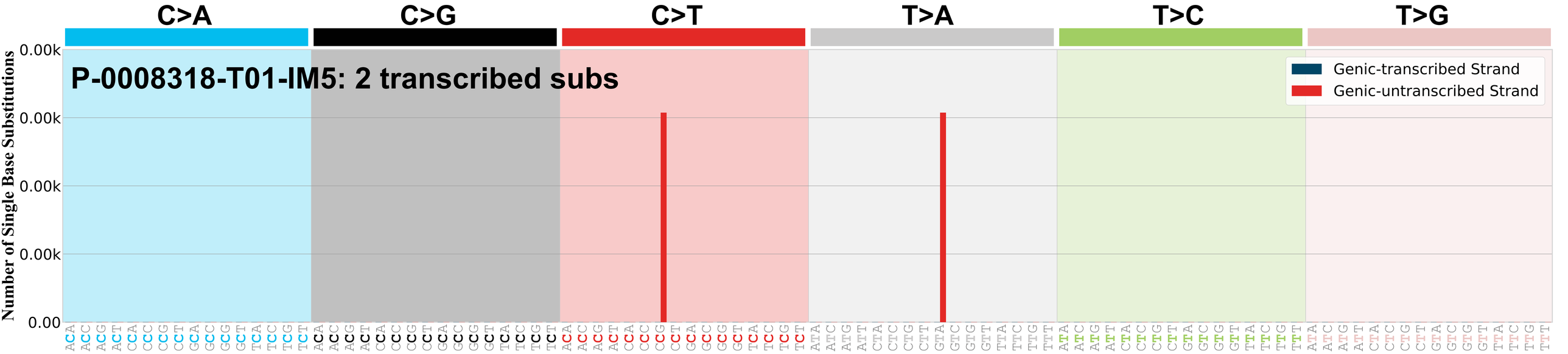
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P-0008318-T01-IM5: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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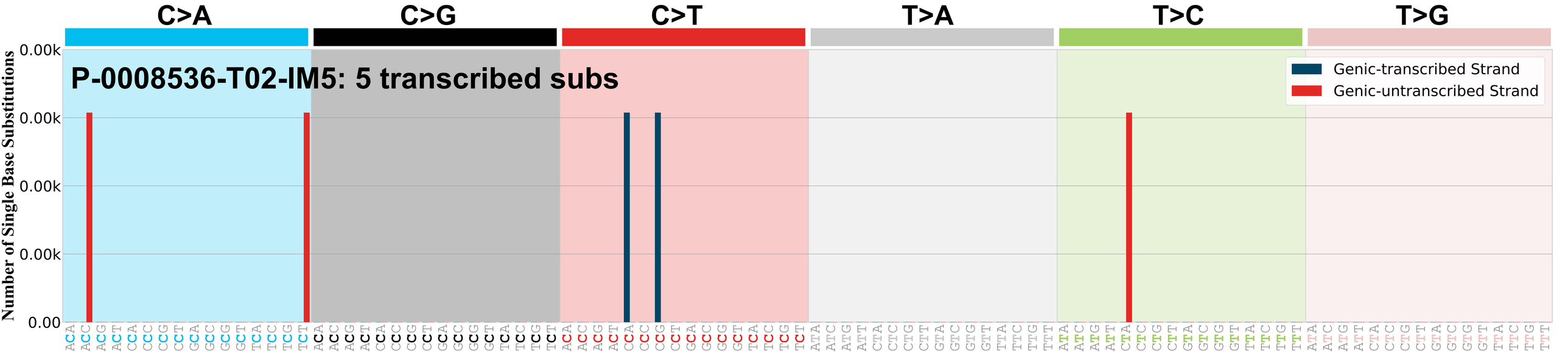
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P-0008536-T02-IM5: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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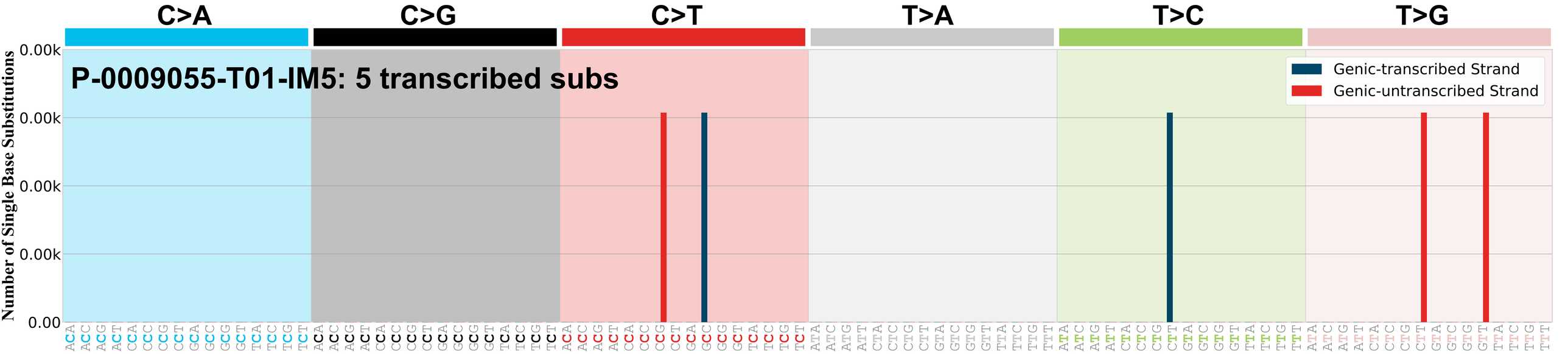
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P-0009055-T01-IM5: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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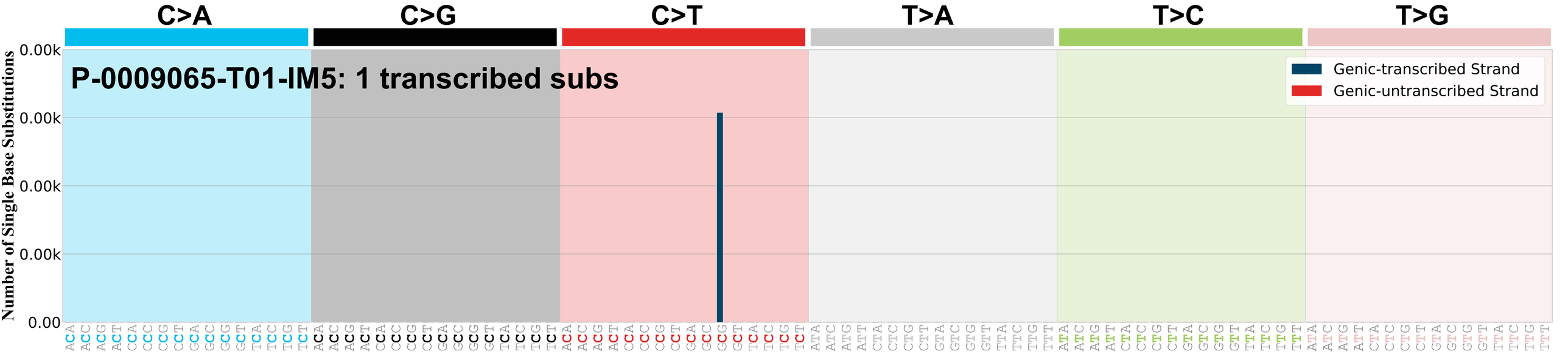
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P-0009065-T01-IM5: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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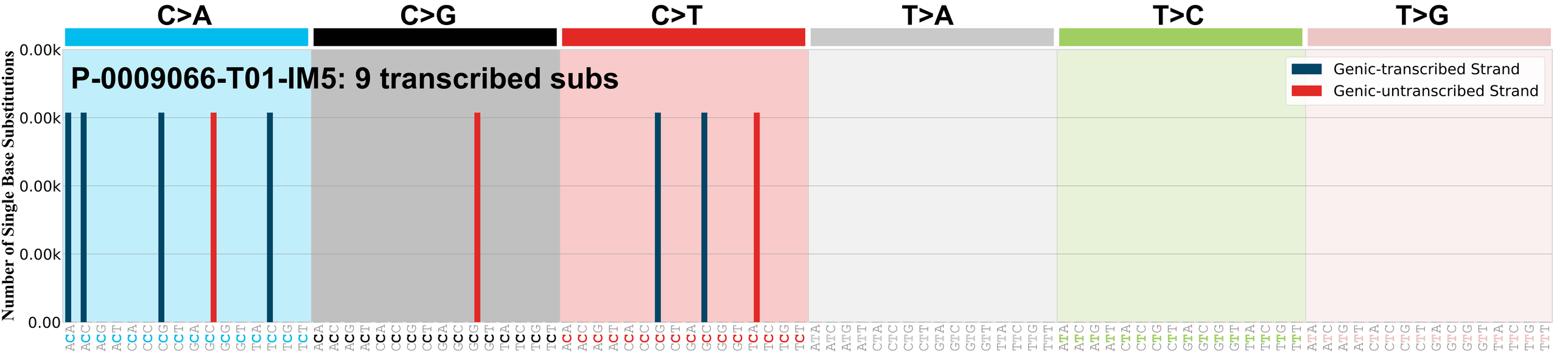
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P-0009066-T01-IM5: 9 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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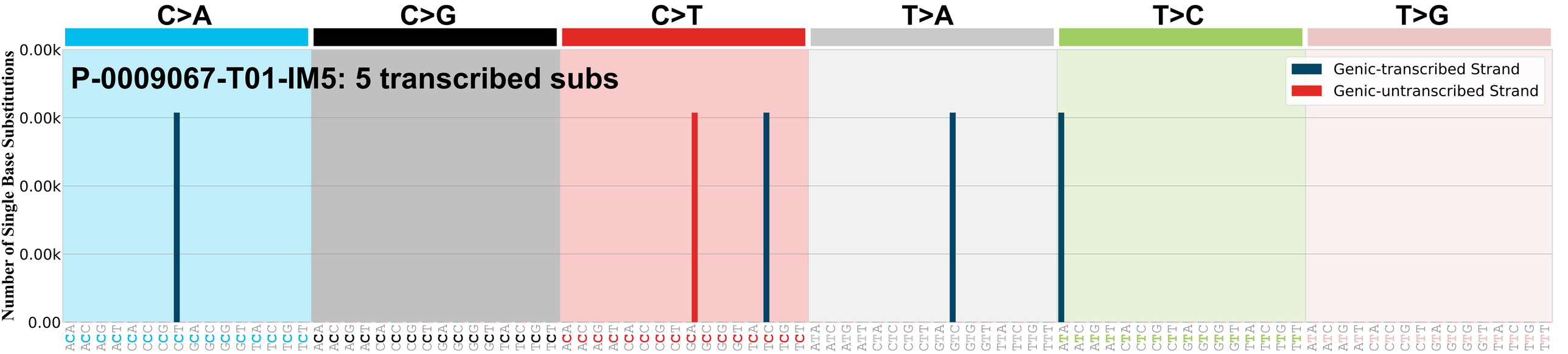
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P-0009067-T01-IM5: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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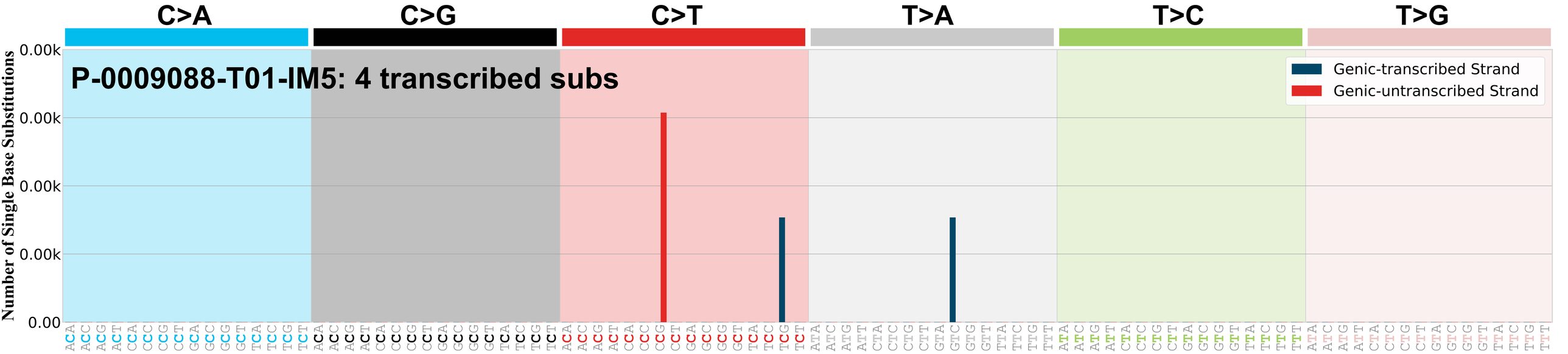
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P-0009088-T01-IM5: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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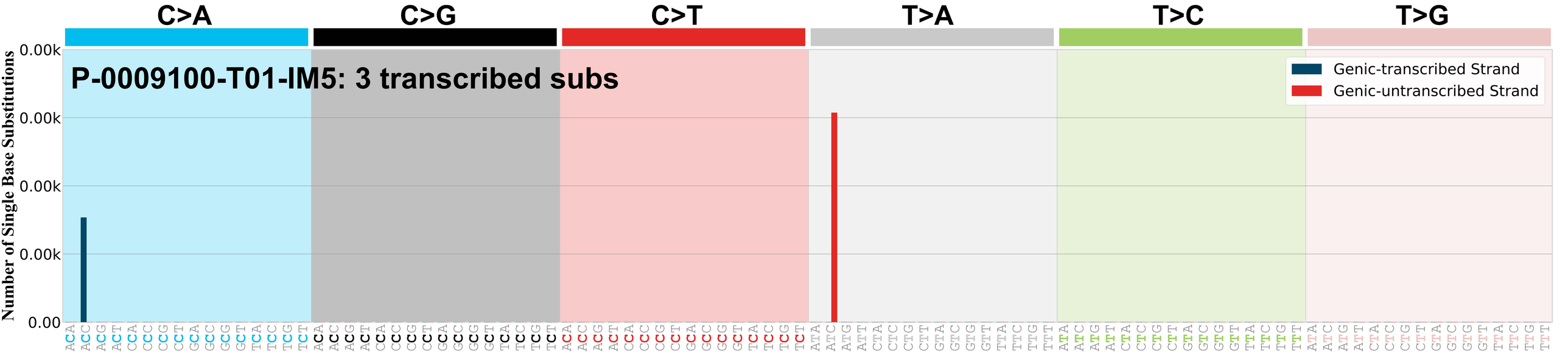
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T>G
P-0009100-T01-IM5: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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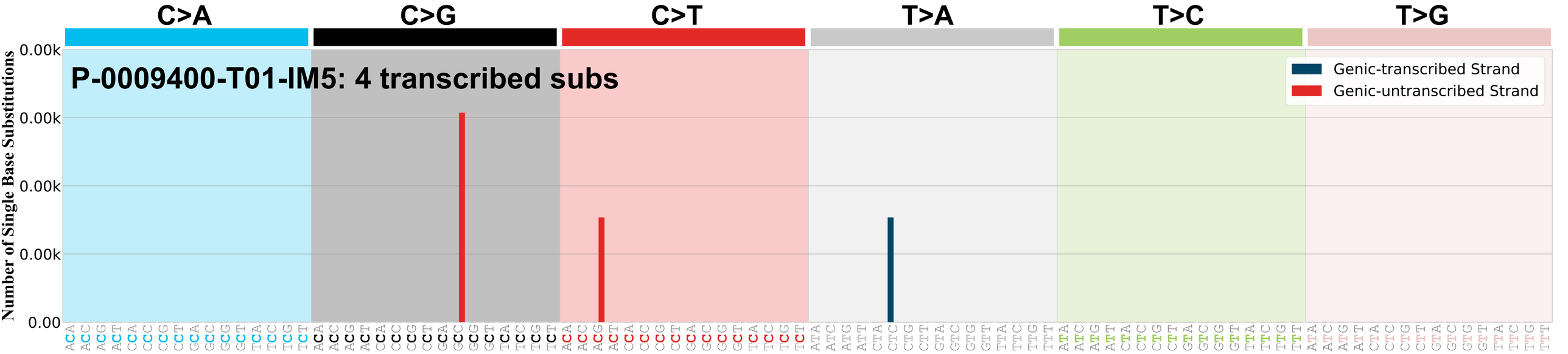
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P-0009400-T01-IM5: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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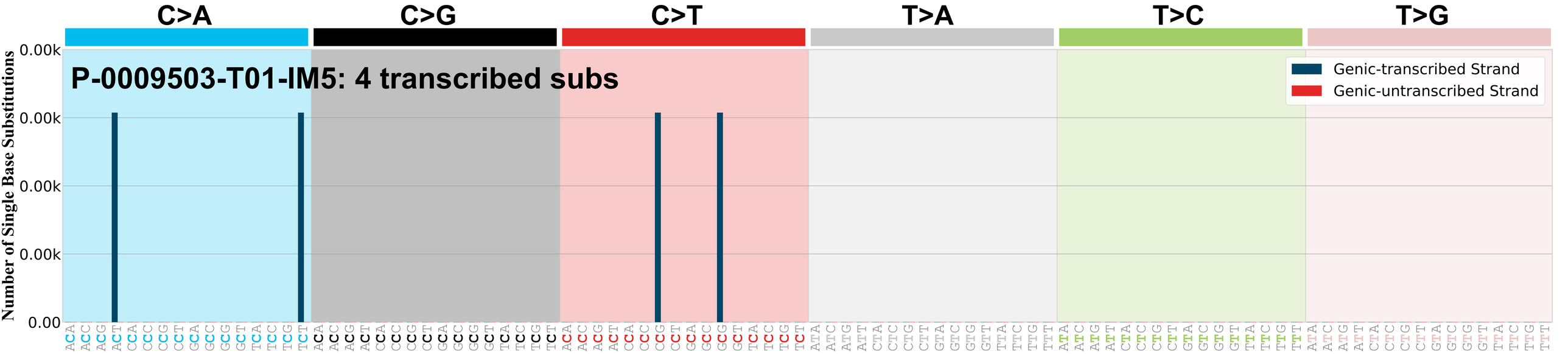
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T>G
P-0009503-T01-IM5: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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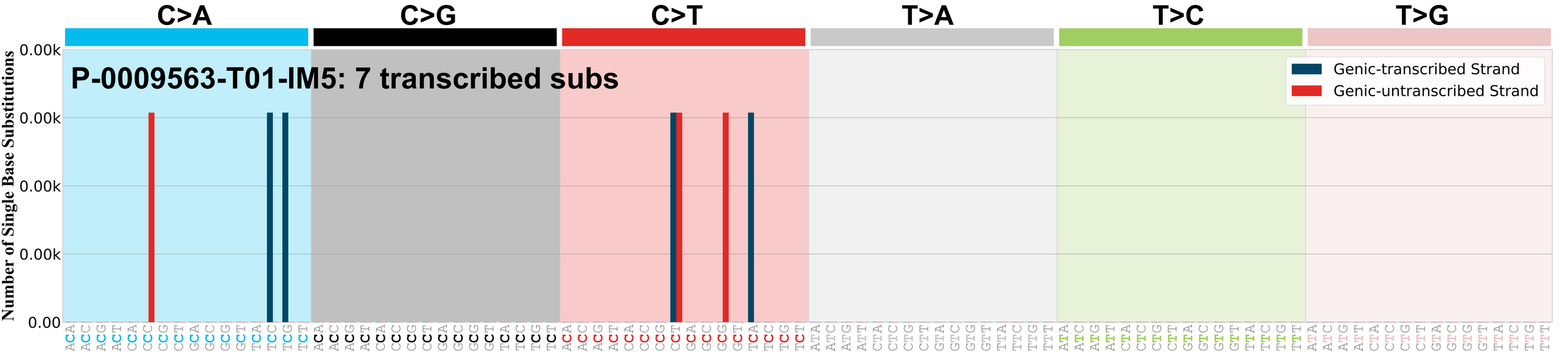
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P-0009563-T01-IM5: 7 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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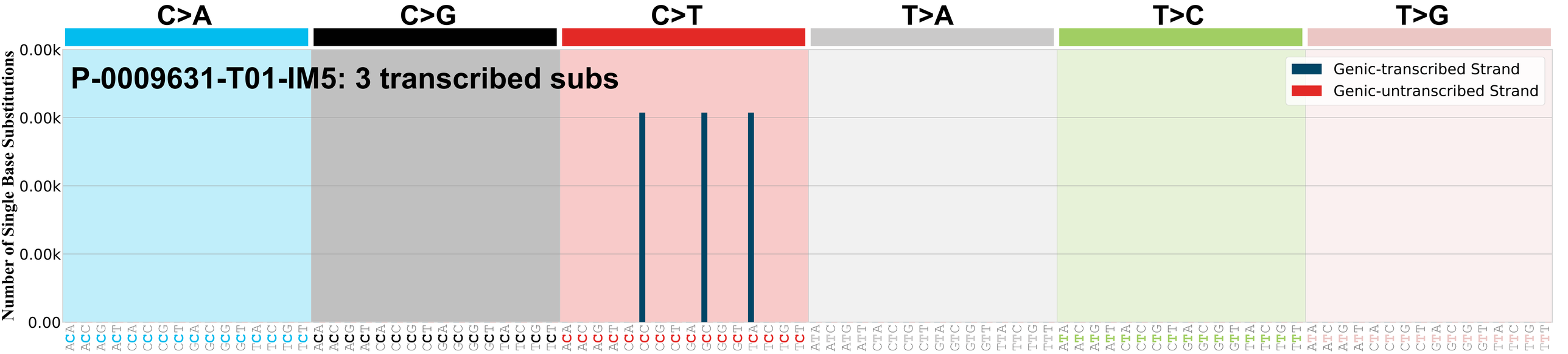
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T>G
P-0009631-T01-IM5: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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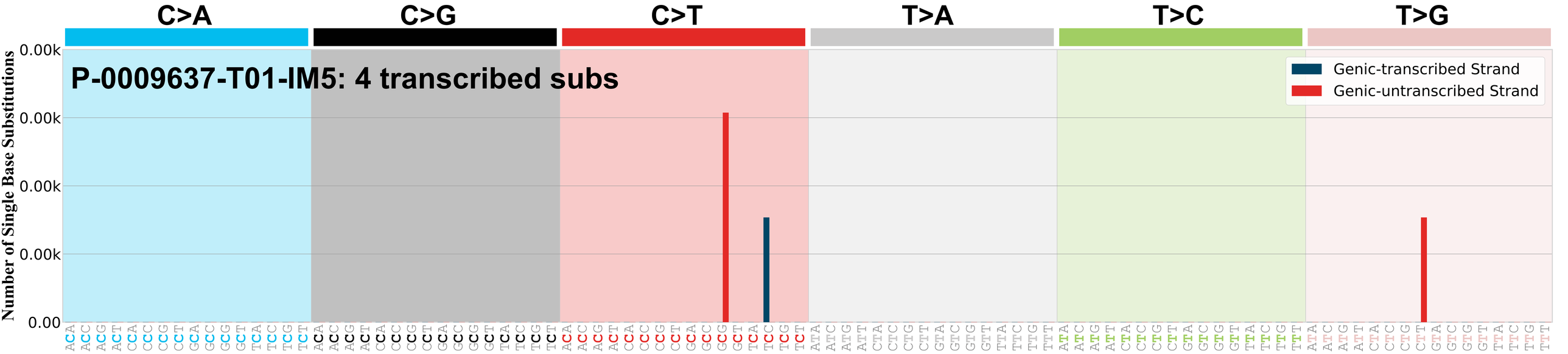
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T>G
P-0009637-T01-IM5: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
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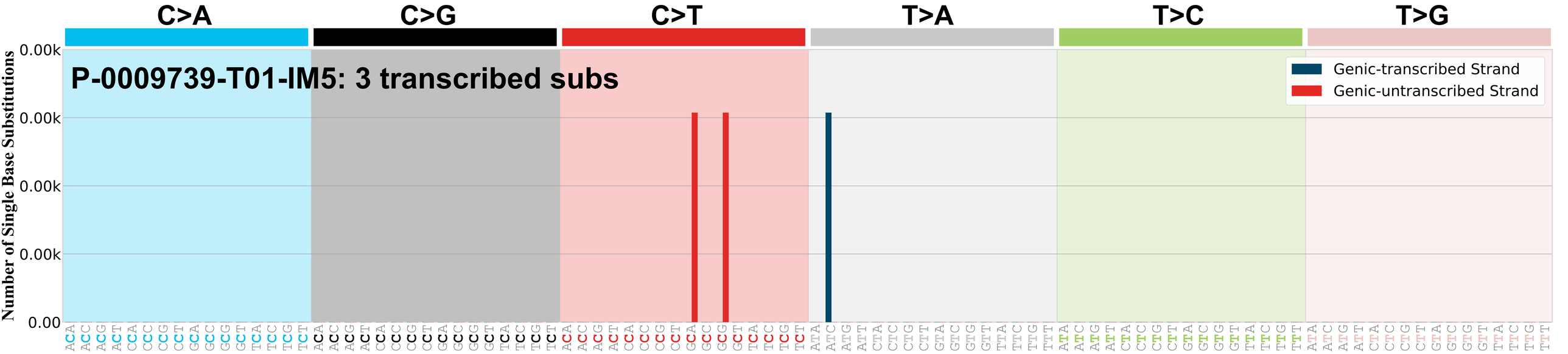
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T>G
P-0009739-T01-IM5: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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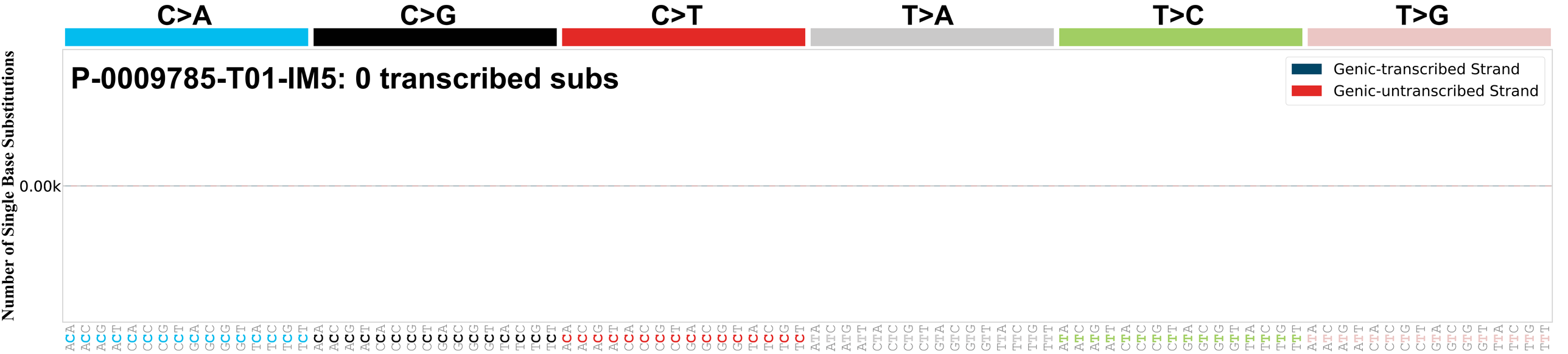
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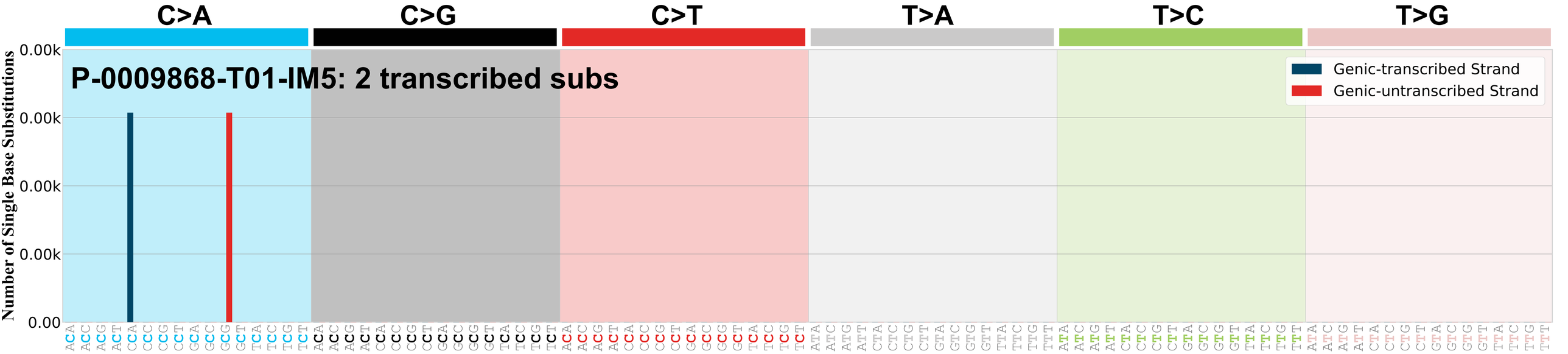
T>G
P-0009785-T01-IM5: 0 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k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P-0009868-T01-IM5: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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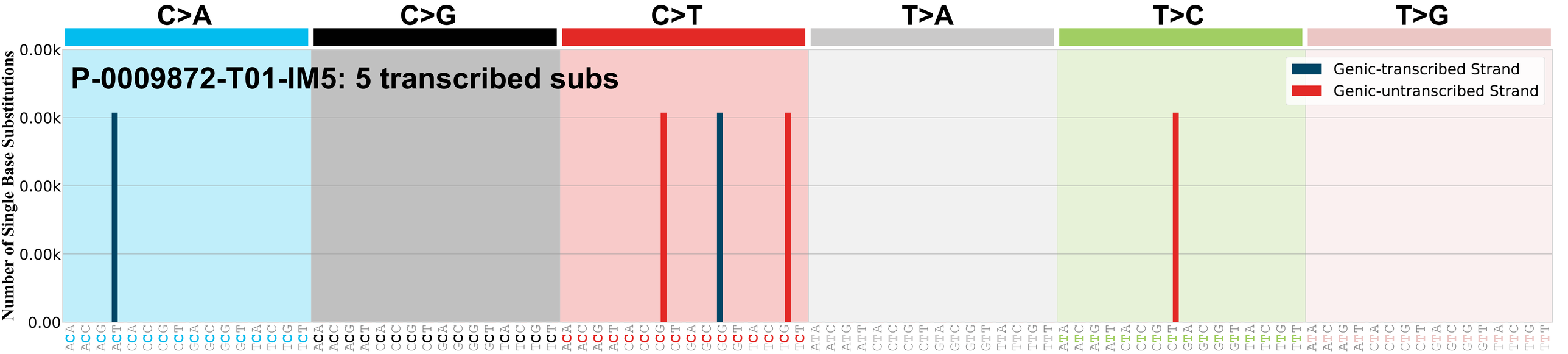
0.00k
0.00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C>G
C>T
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T>C
T>G
P-0009872-T01-IM5: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
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0.00k
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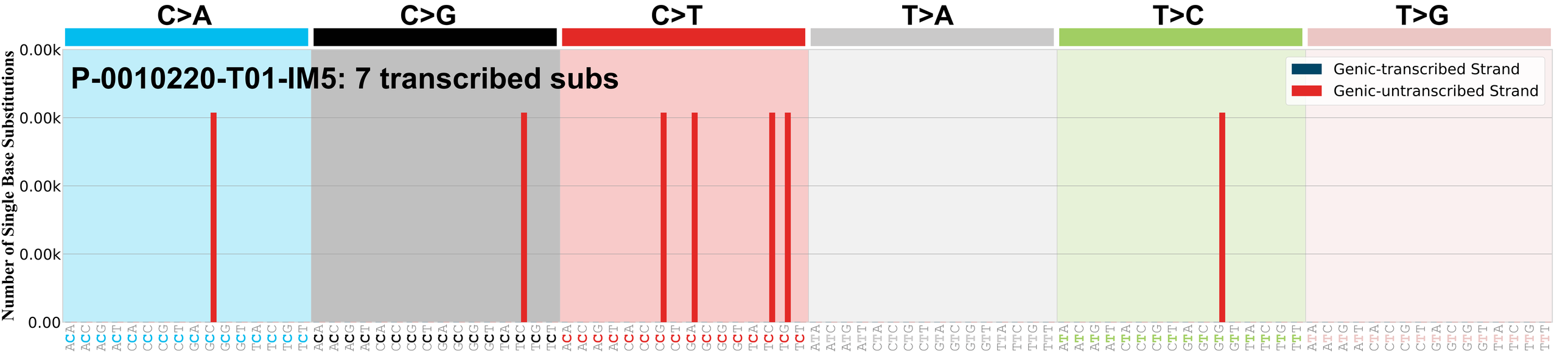
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T>C
T>G
P-0010220-T01-IM5: 7 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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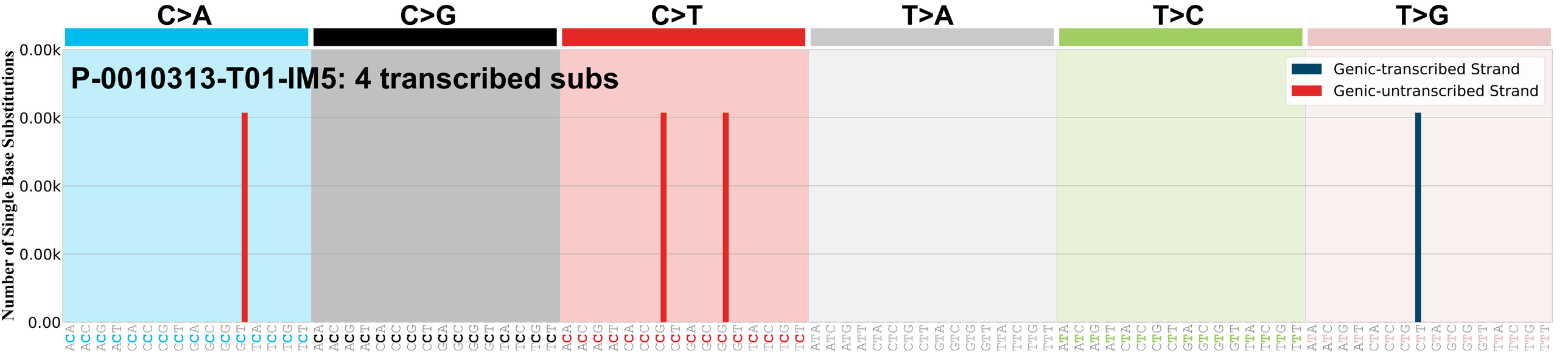
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P-0010313-T01-IM5: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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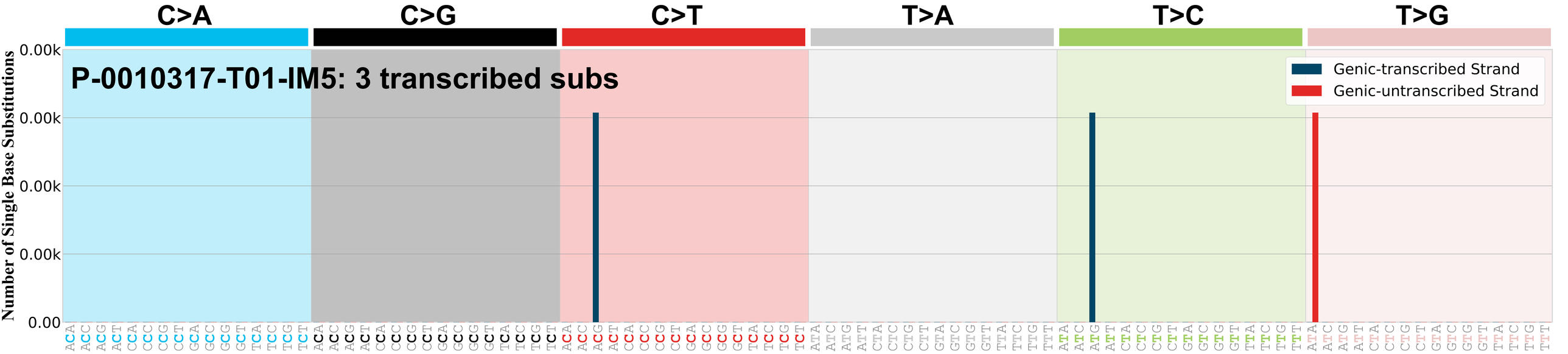
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T>C
T>G
P-0010317-T01-IM5: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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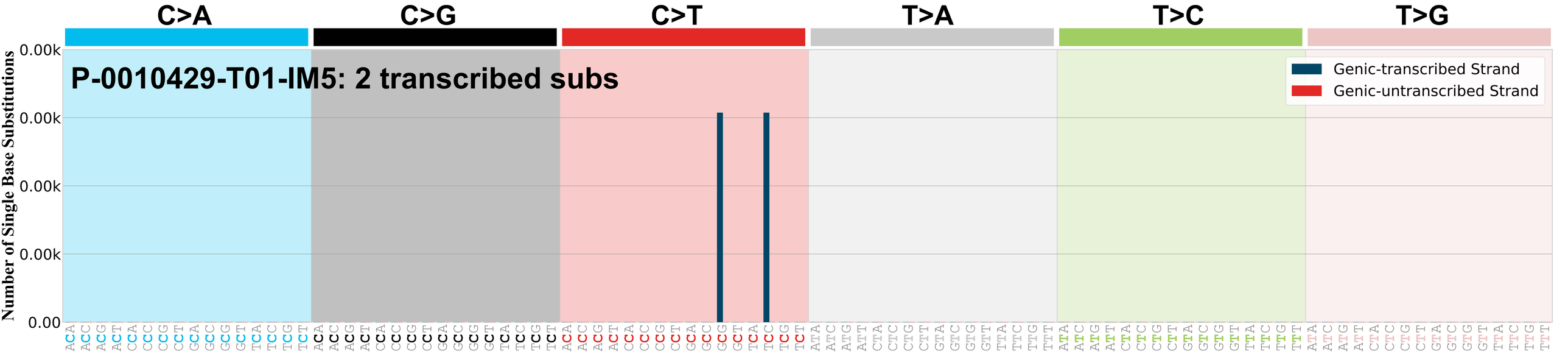
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C>G
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T>G
P-0010429-T01-IM5: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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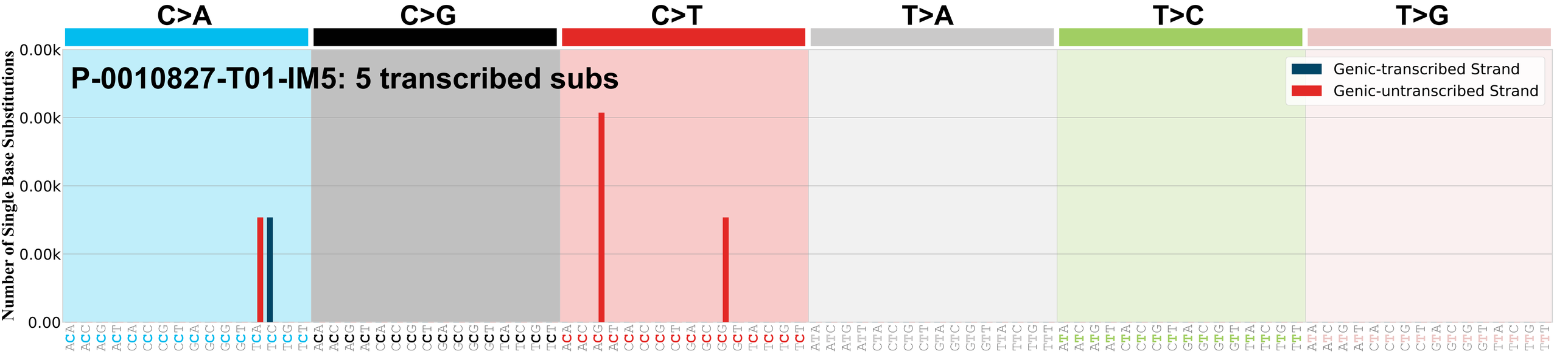
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P-0010827-T01-IM5: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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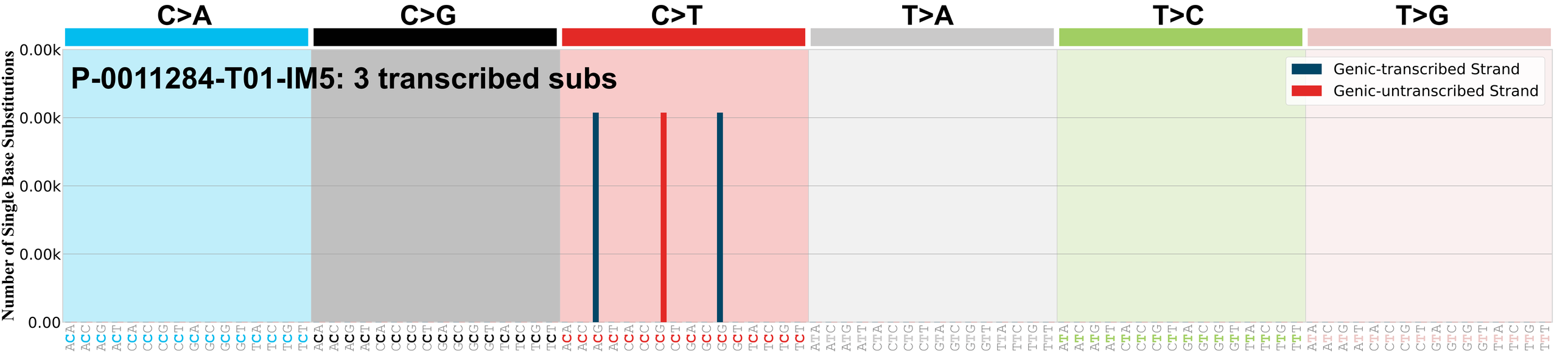
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C>G
C>T
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T>C
T>G
P-0011284-T01-IM5: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
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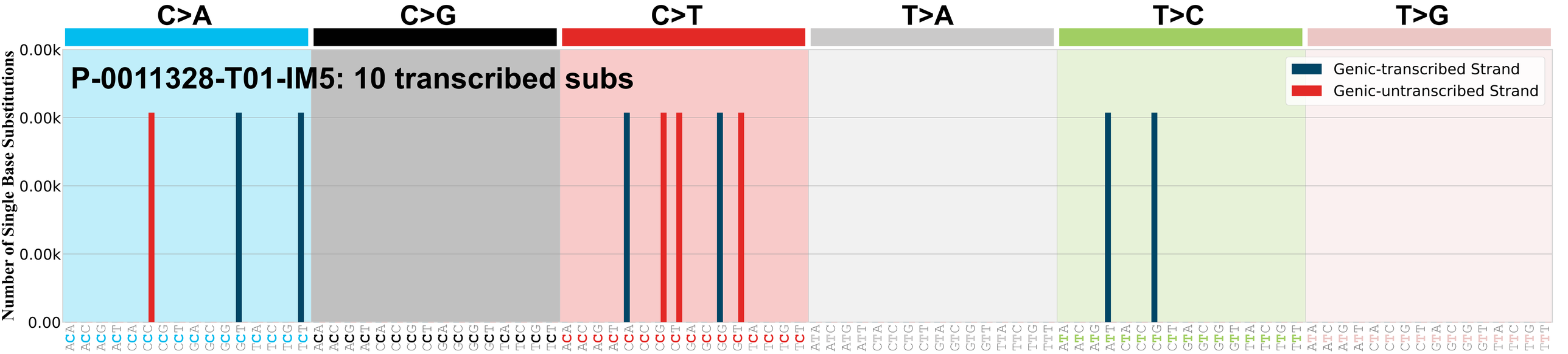
C>A
C>G
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T>C
T>G
P-0011328-T01-IM5: 10 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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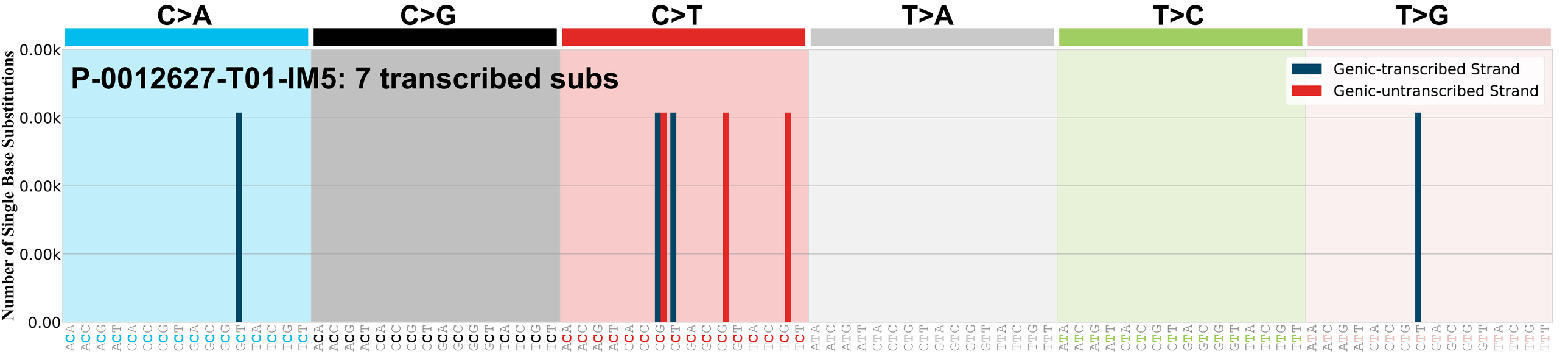
0.00k
0.00k
0.00k
0.00


C>A
C>G
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T>A
T>C
T>G
P-0012627-T01-IM5: 7 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
0.00k
0.00k
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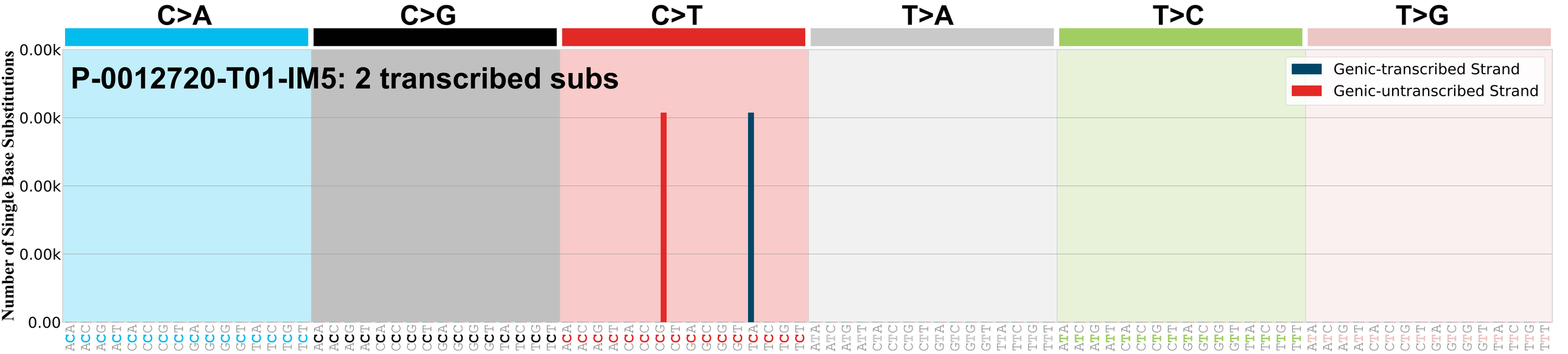
C>A
C>G
C>T
T>A
T>C
T>G
P-0012720-T01-IM5: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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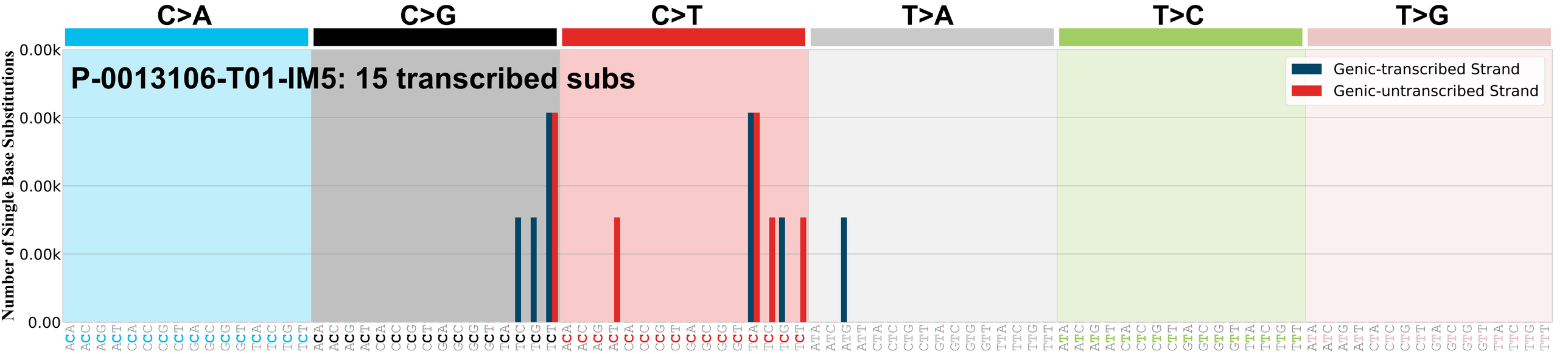
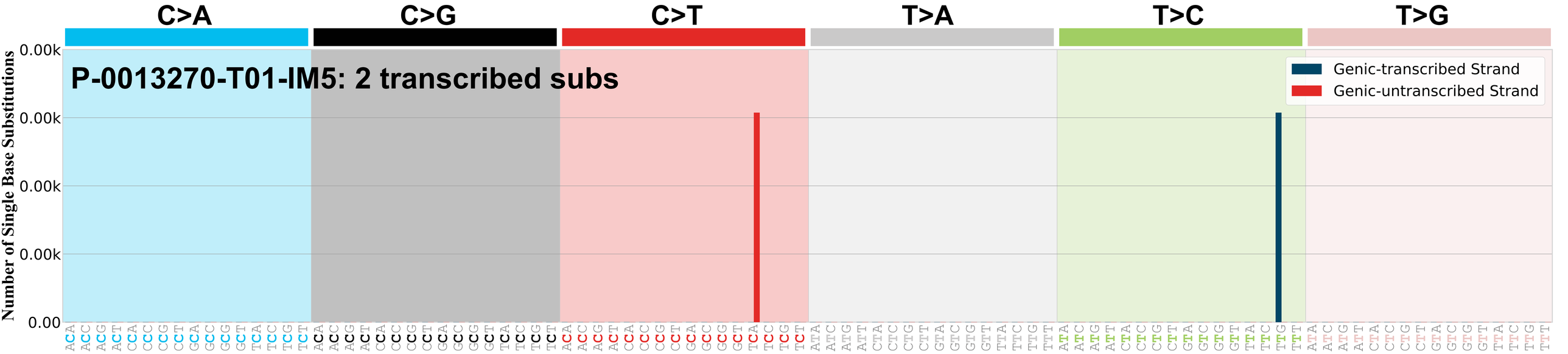
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0013106-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


C>A
C>G
C>T
T>A
T>C
T>G
P-0013270-T01-IM5: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
0.00k
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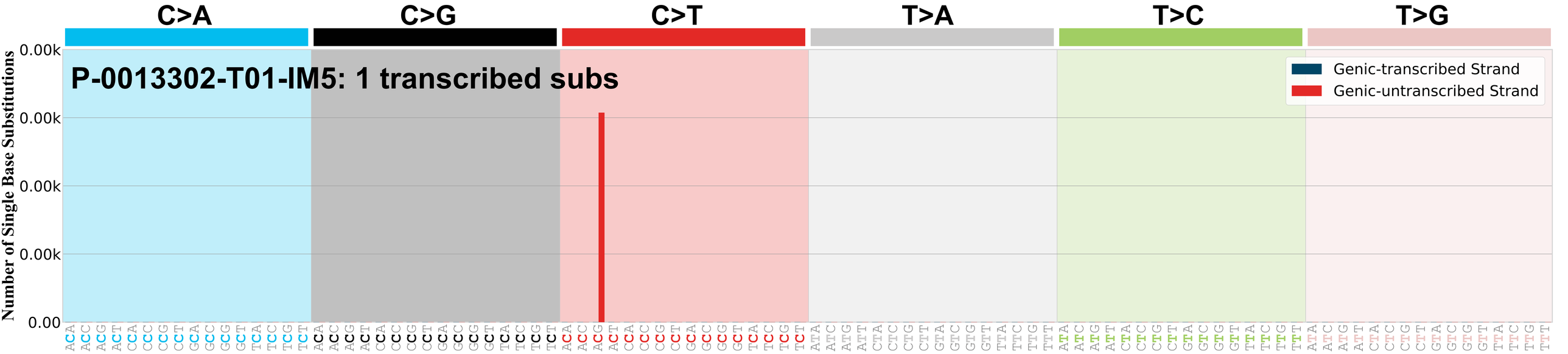
C>A
C>G
C>T
T>A
T>C
T>G
P-0013302-T01-IM5: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
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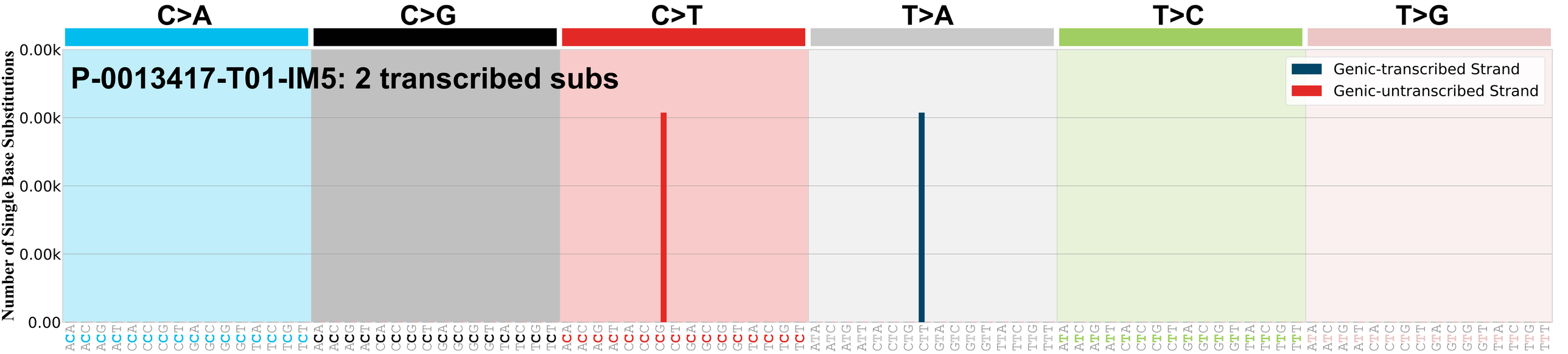
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0013417-T01-IM5: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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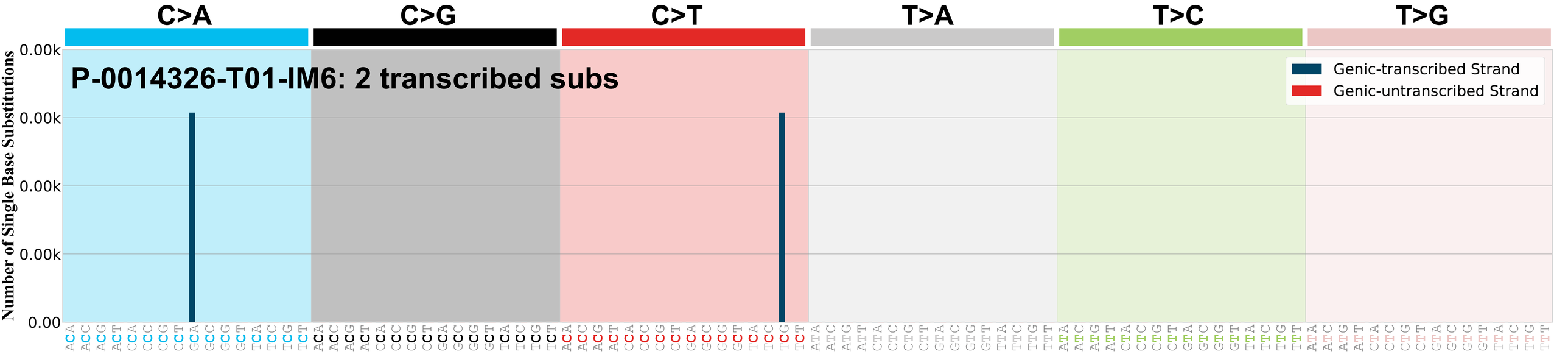
C>A
C>G
C>T
T>A
T>C
T>G
P-0014326-T01-IM6: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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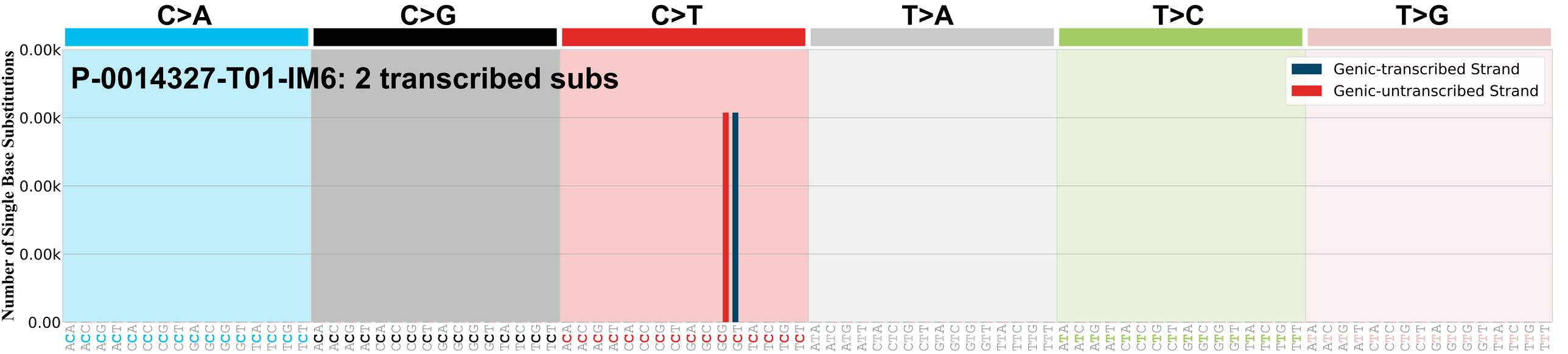
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0014327-T01-IM6: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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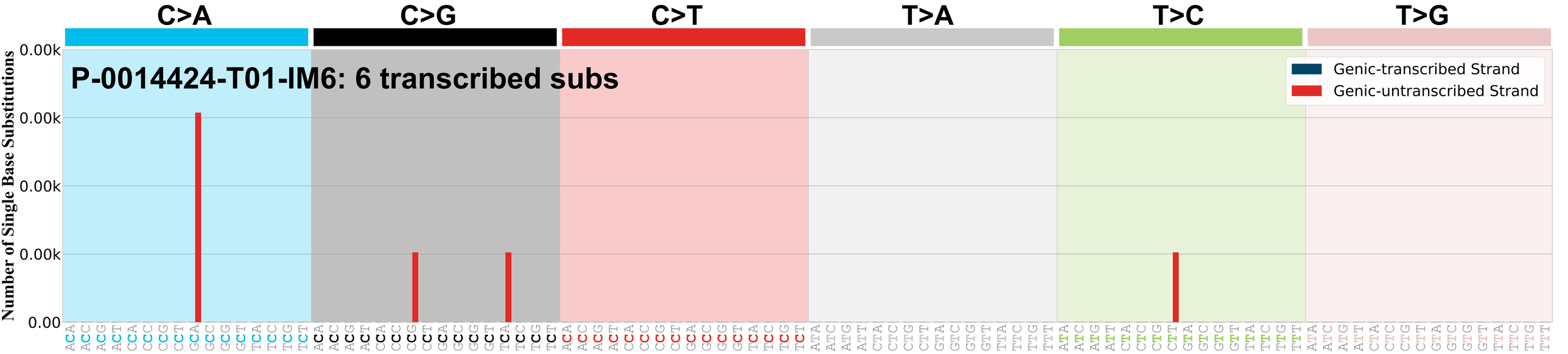
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T>C
T>G
P-0014424-T01-IM6: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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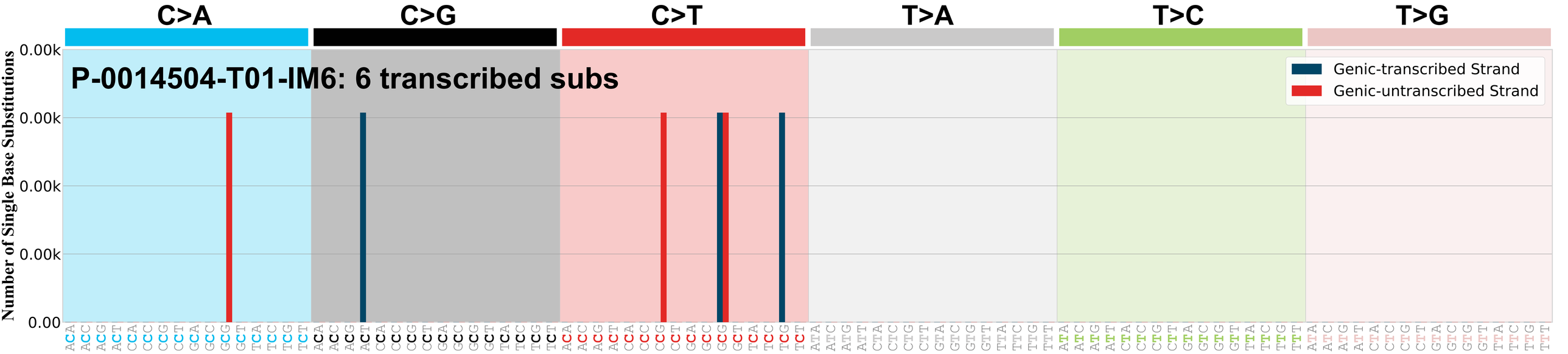
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0014504-T01-IM6: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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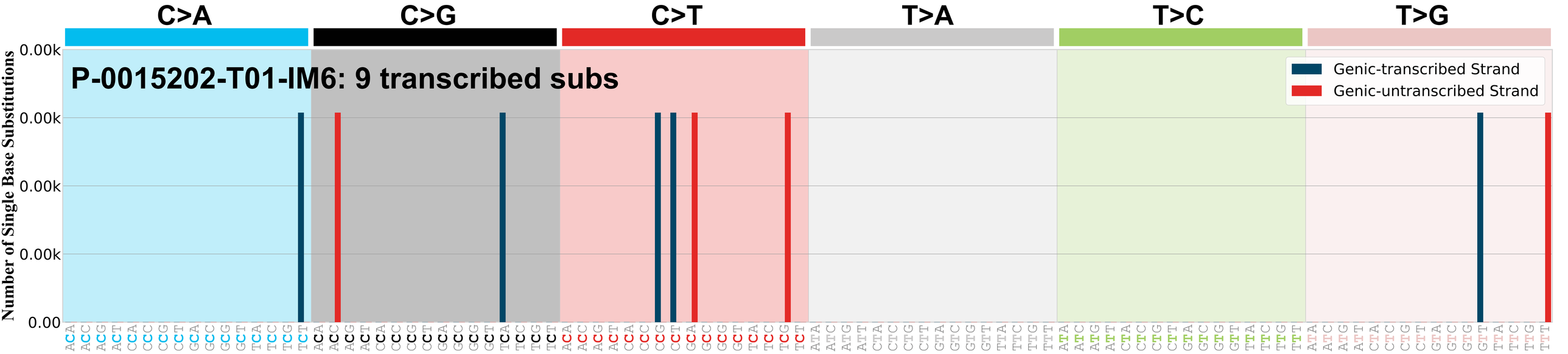
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0015202-T01-IM6: 9 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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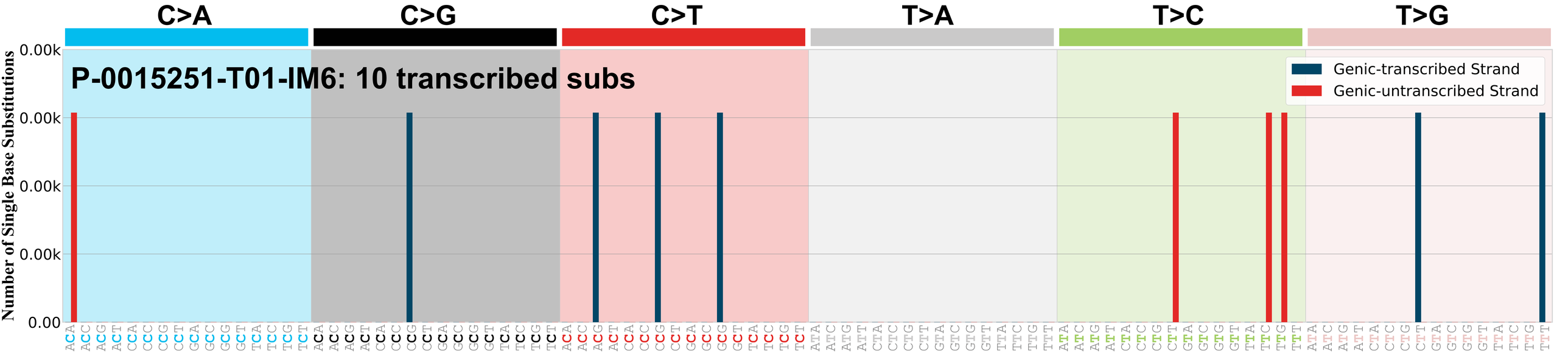
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T>C
T>G
P-0015251-T01-IM6: 10 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
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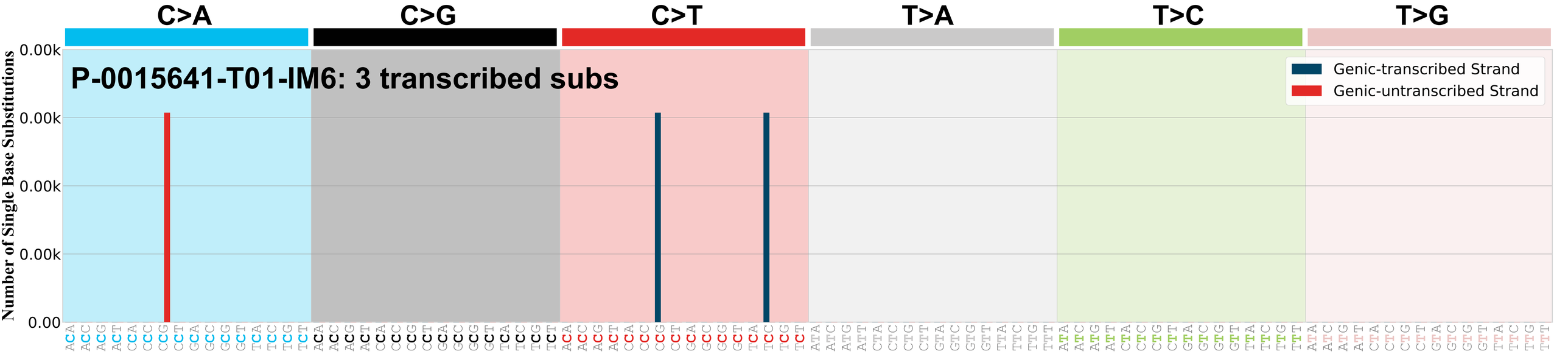
C>A
C>G
C>T
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T>C
T>G
P-0015641-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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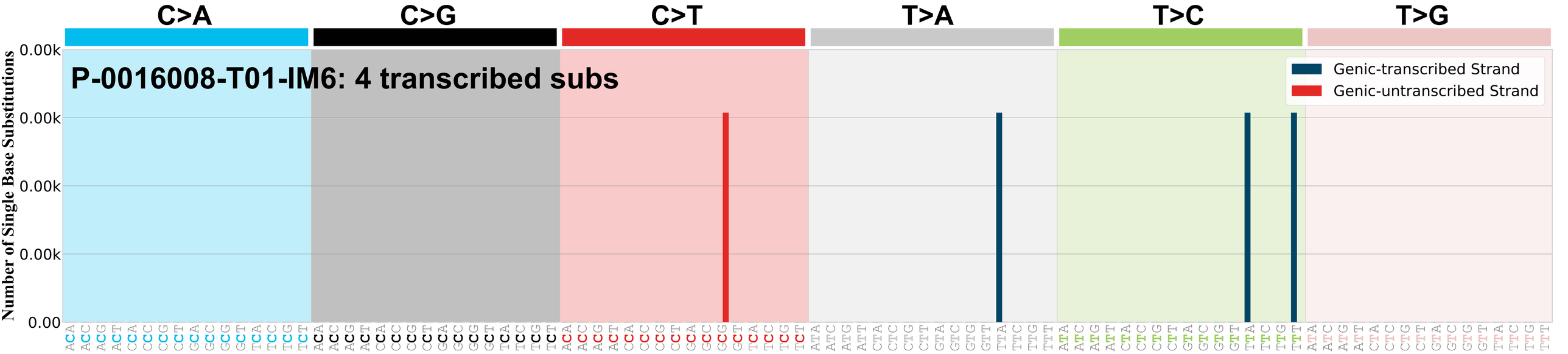
0.00k
0.00k
0.00


C>A
C>G
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T>C
T>G
P-0016008-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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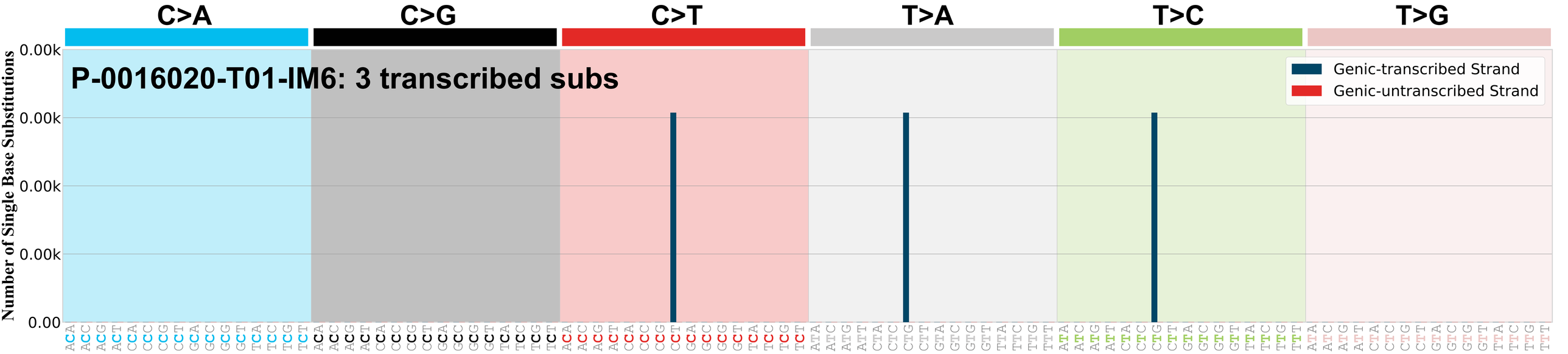
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P-0016020-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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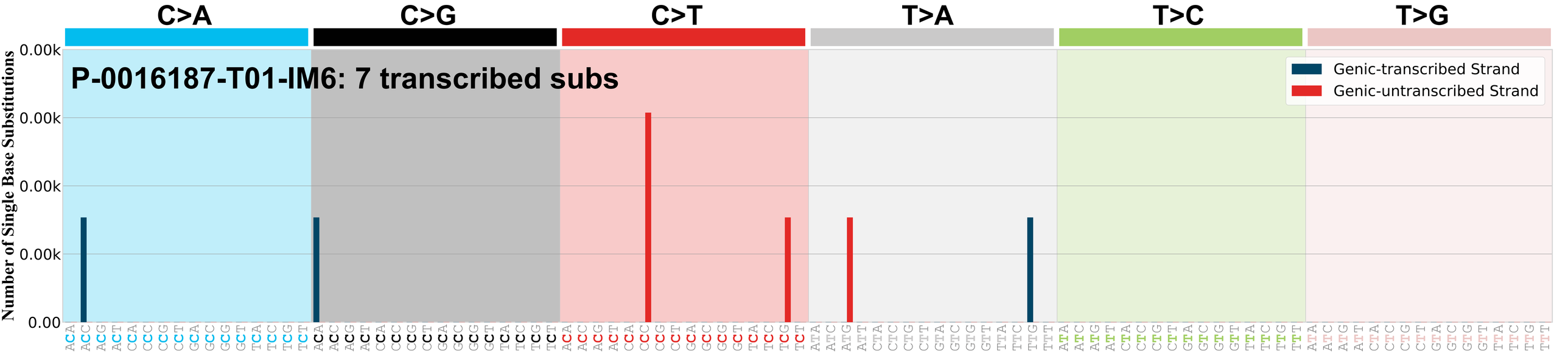
C>A
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T>G
P-0016187-T01-IM6: 7 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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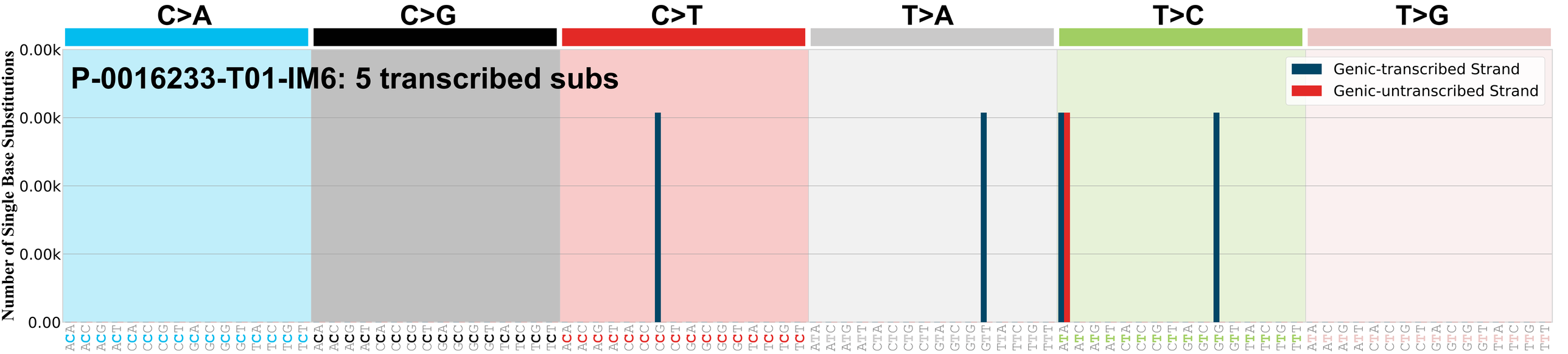
C>A
C>G
C>T
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T>C
T>G
P-0016233-T01-IM6: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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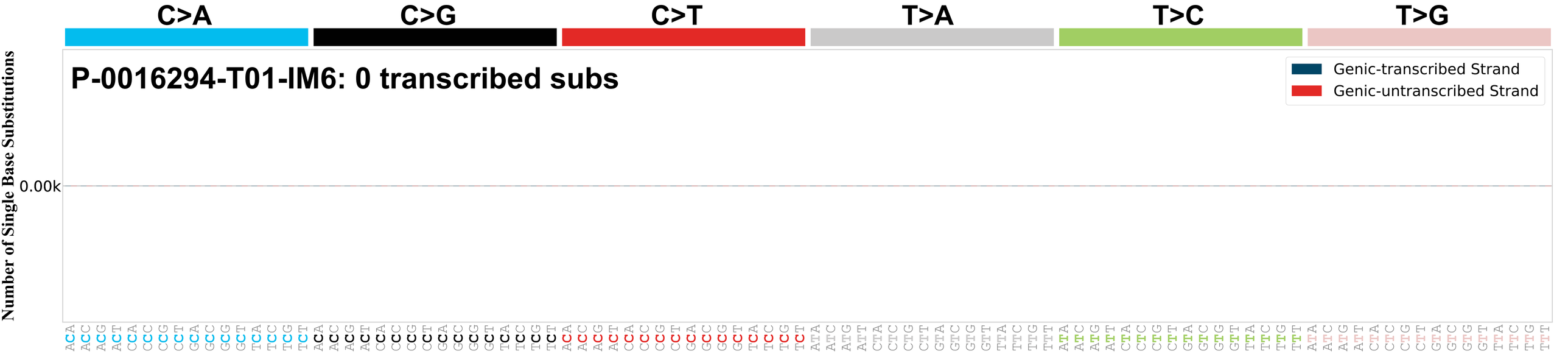
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C>G
C>T
T>A
T>C
T>G
P-0016294-T01-IM6: 0 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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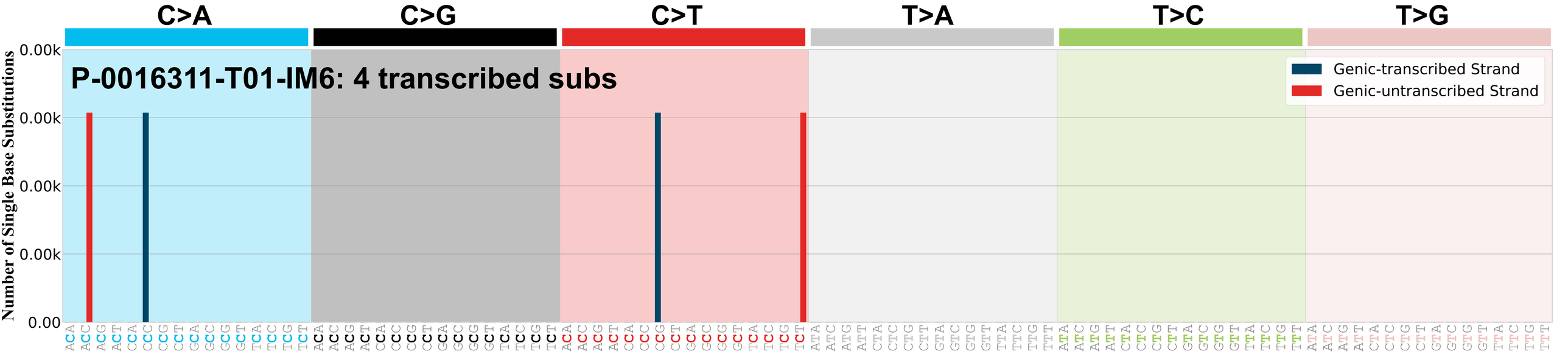
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C>T
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T>C
T>G
P-0016311-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
0.00k
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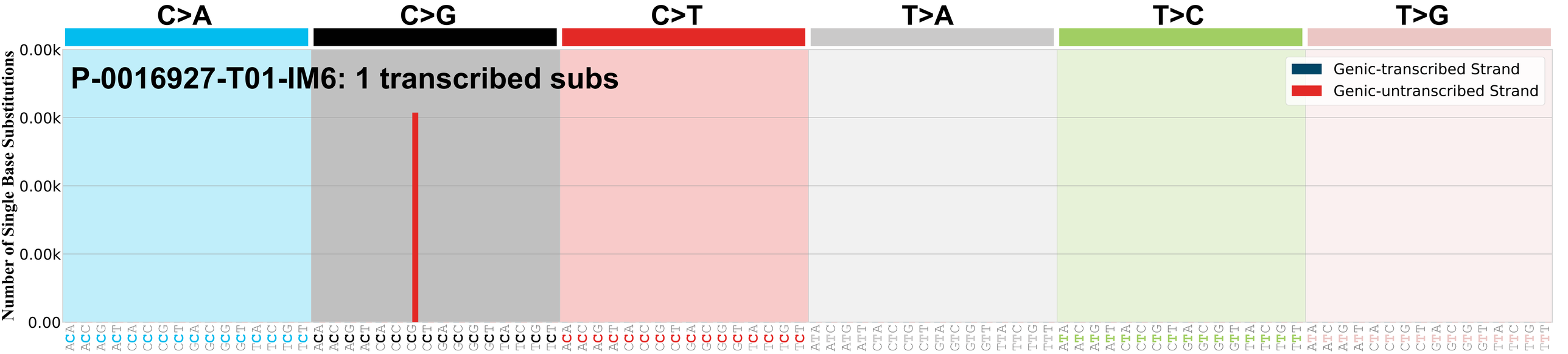
0.00


C>A
C>G
C>T
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T>C
T>G
P-0016927-T01-IM6: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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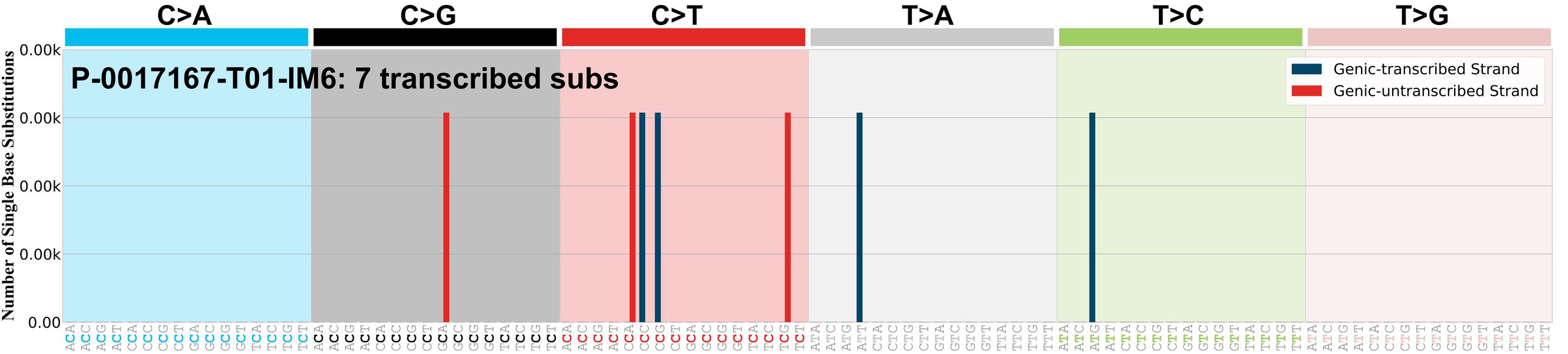
0.00k
0.00k
0.00k
0.00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C>G
C>T
T>A
T>C
T>G
P-0017167-T01-IM6: 7 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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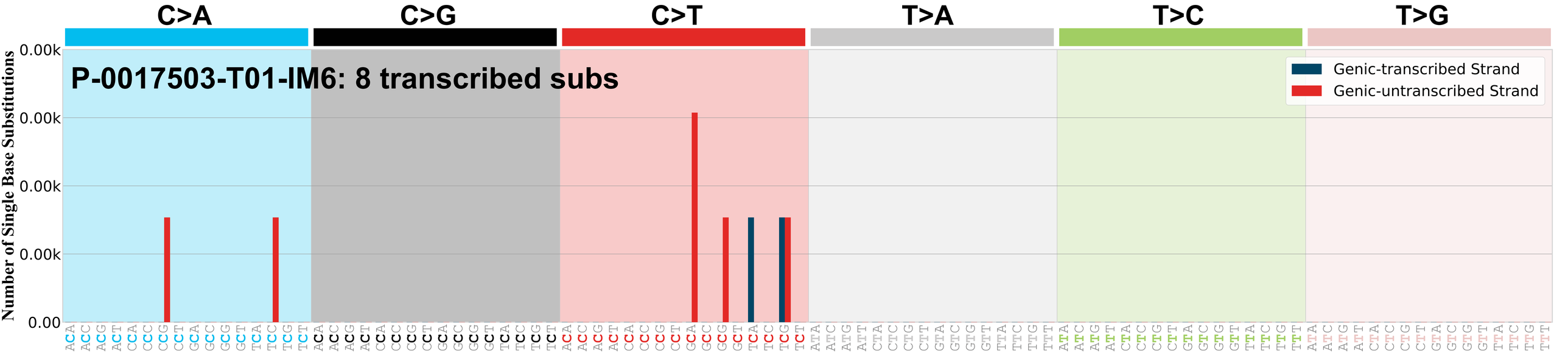
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C>G
C>T
T>A
T>C
T>G
P-0017503-T01-IM6: 8 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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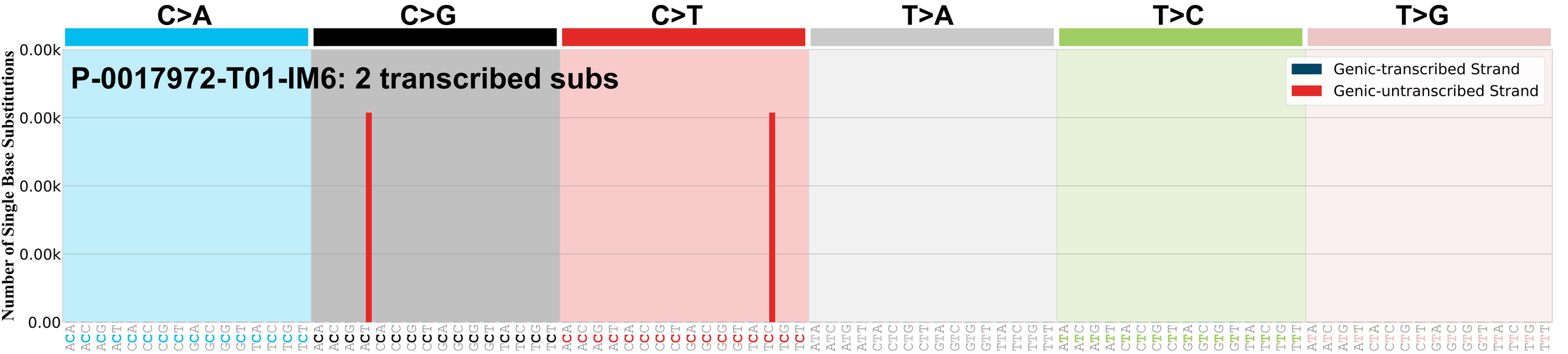
C>A
C>G
C>T
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T>C
T>G
P-0017972-T01-IM6: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
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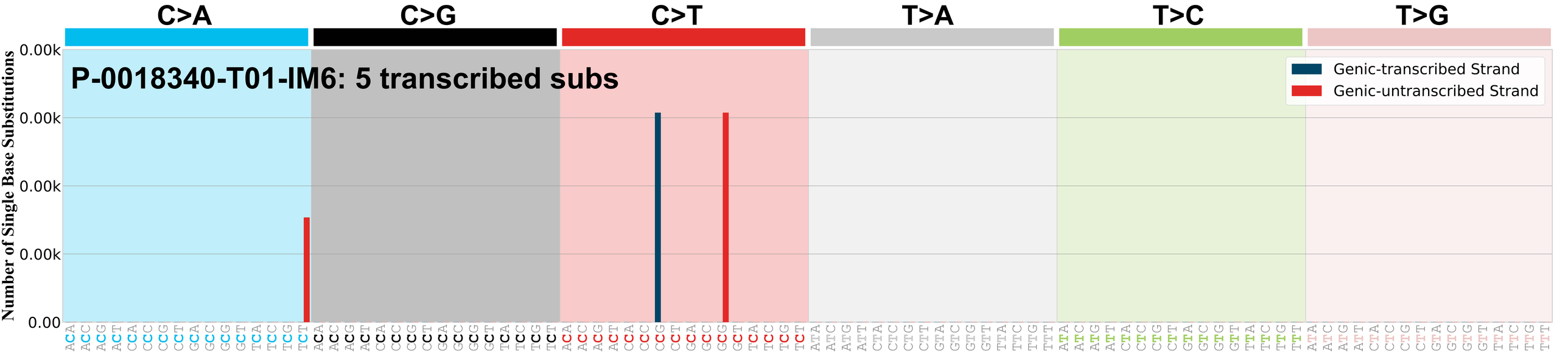
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0018340-T01-IM6: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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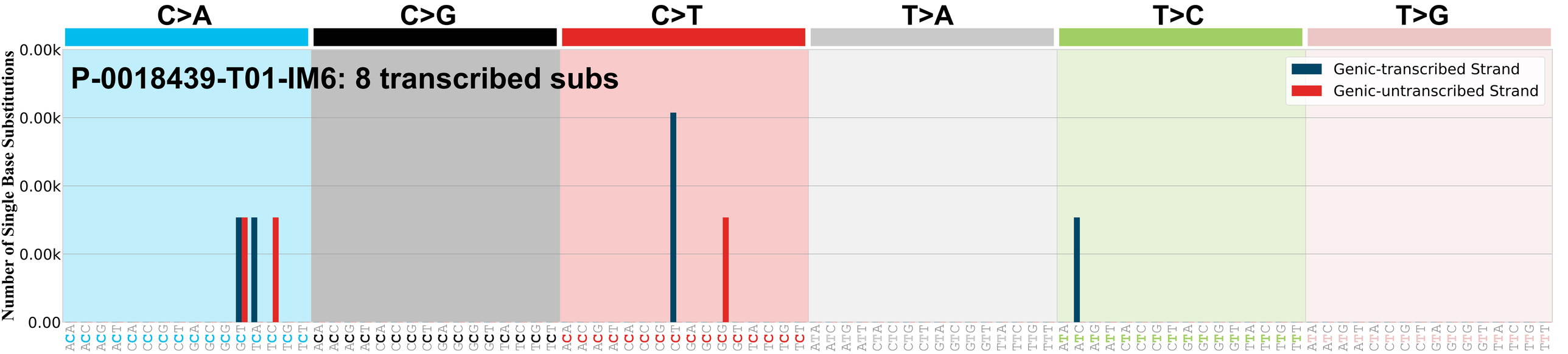
C>A
C>G
C>T
T>A
T>C
T>G
P-0018439-T01-IM6: 8 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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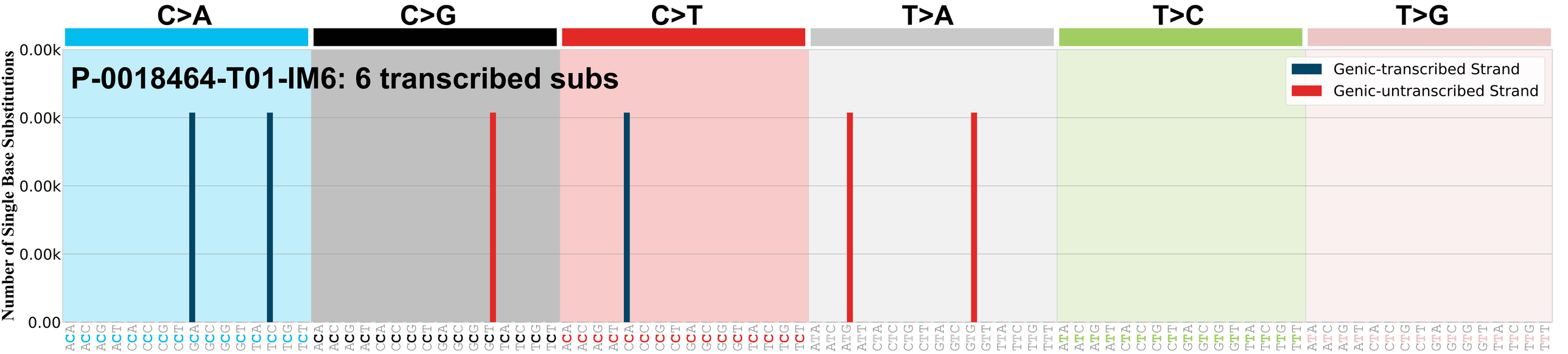
C>A
C>G
C>T
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T>C
T>G
P-0018464-T01-IM6: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
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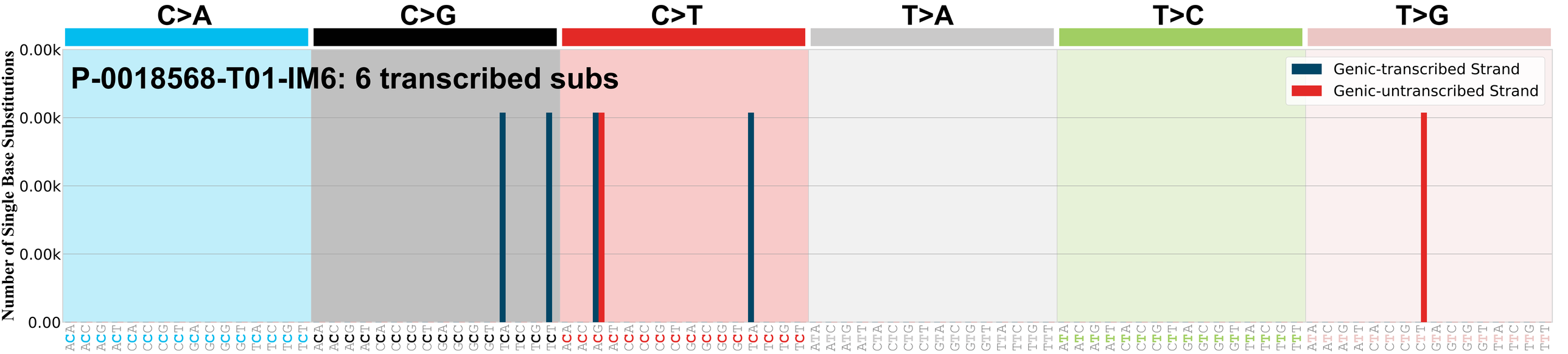
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0018568-T01-IM6: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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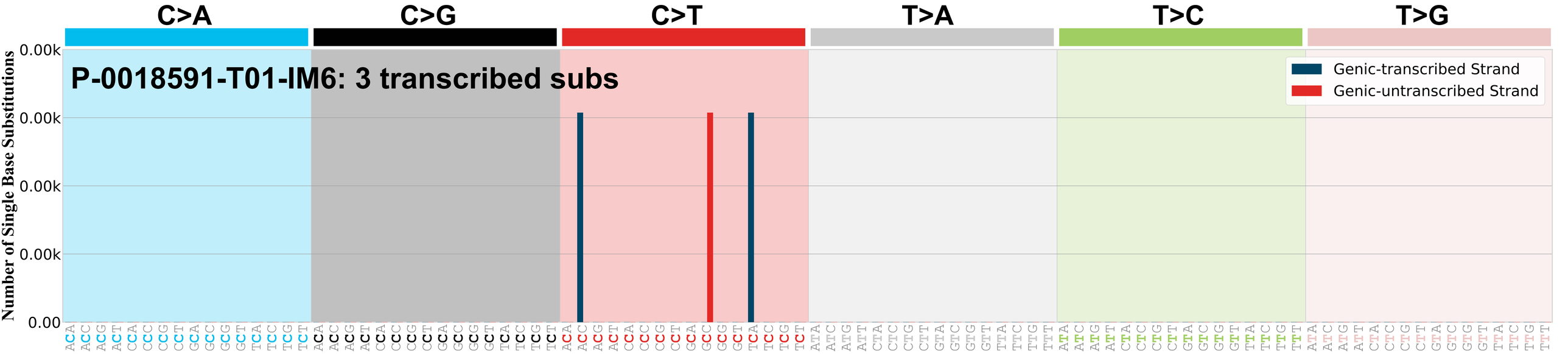
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0018591-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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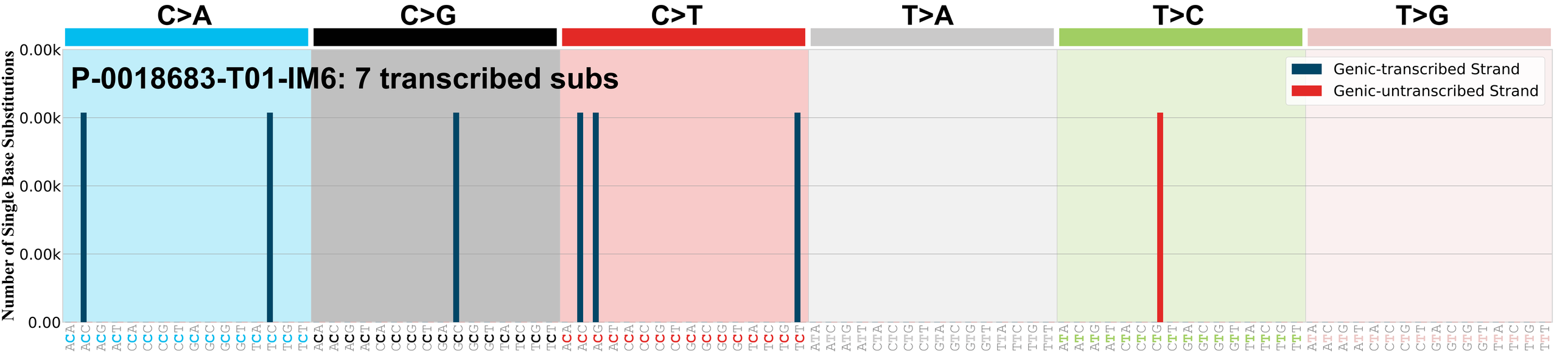
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0018683-T01-IM6: 7 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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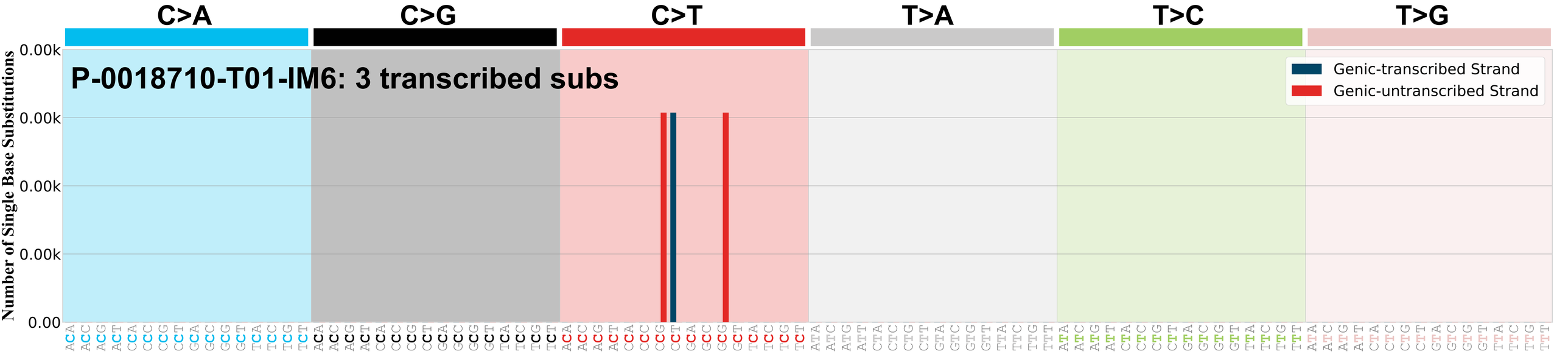
0.00k
0.00k
0.00k
0.00


C>A
C>G
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T>C
T>G
P-0018710-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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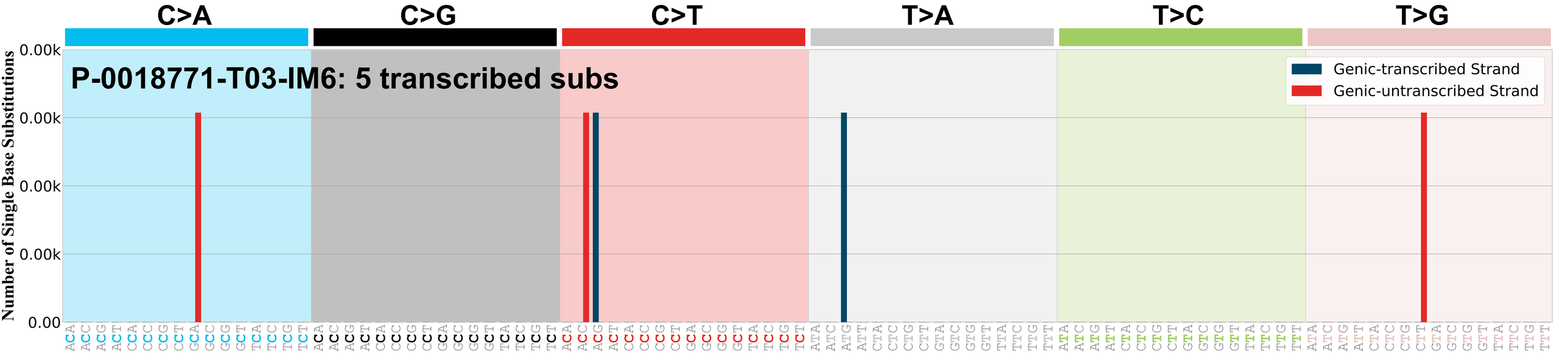
0.00


C>A
C>G
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T>C
T>G
P-0018771-T03-IM6: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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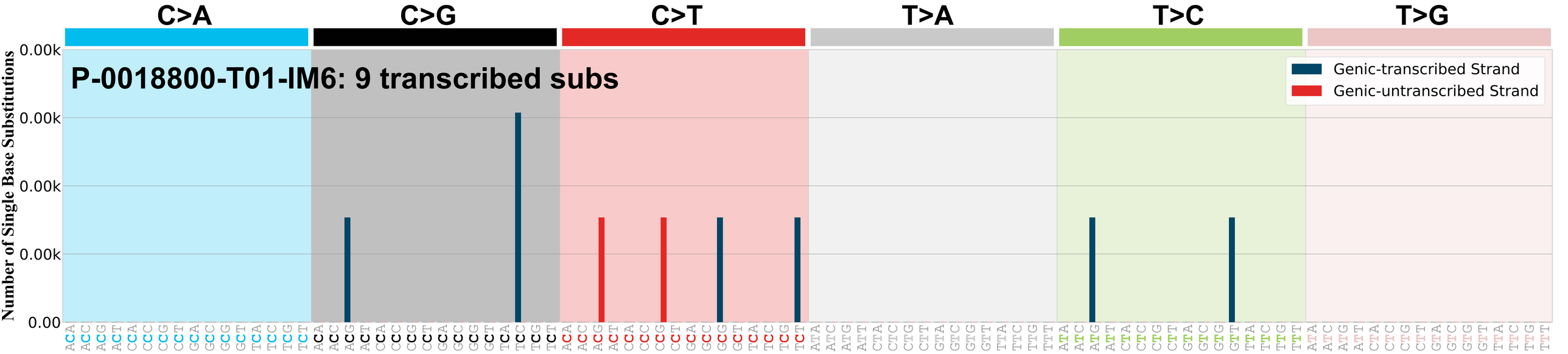
C>A
C>G
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T>A
T>C
T>G
P-0018800-T01-IM6: 9 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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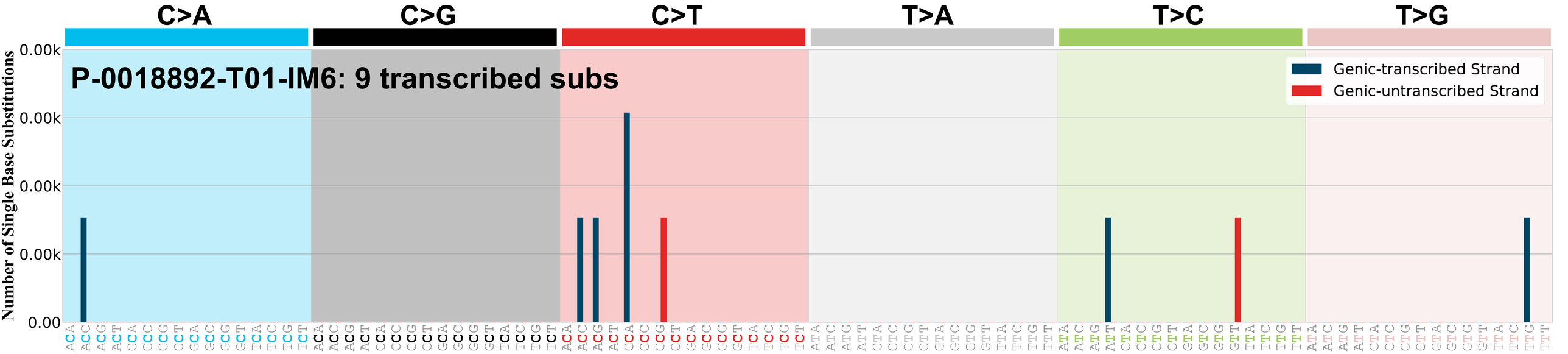
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0018892-T01-IM6: 9 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
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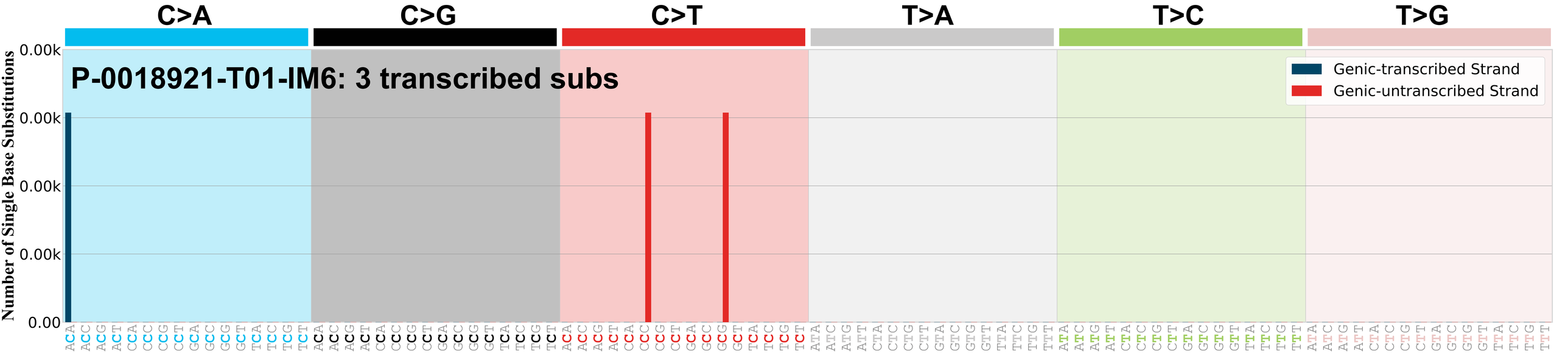
C>A
C>G
C>T
T>A
T>C
T>G
P-0018921-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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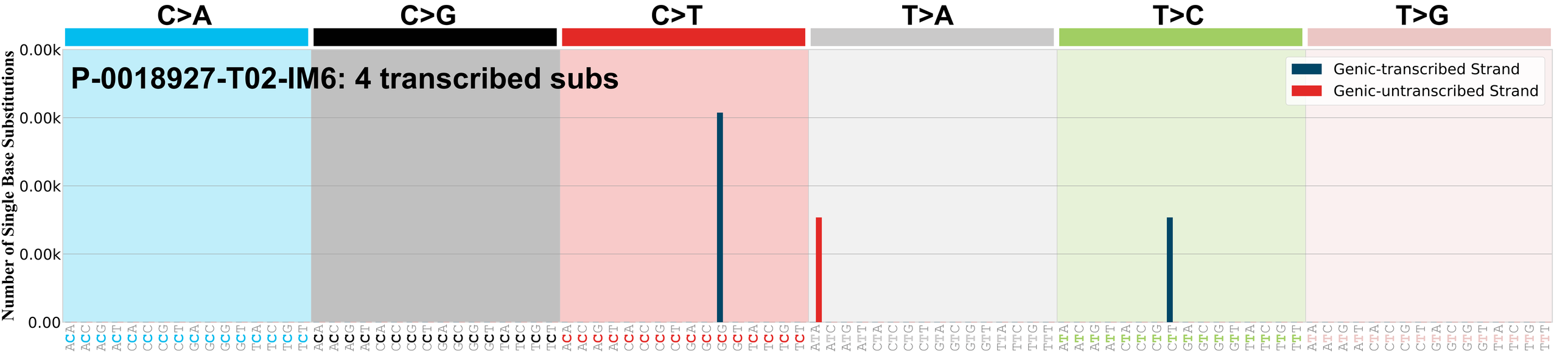
0.00k
0.00


C>A
C>G
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T>A
T>C
T>G
P-0018927-T02-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
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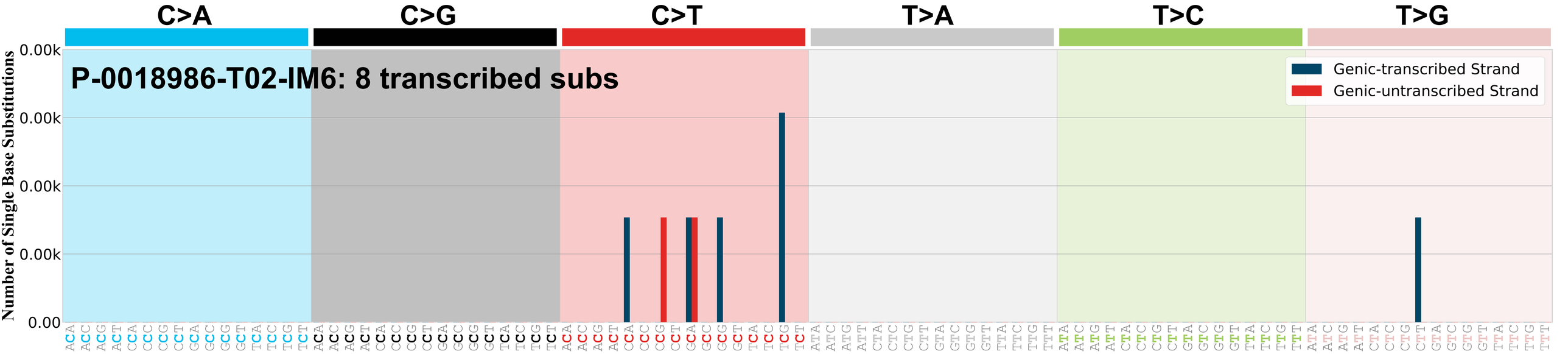
C>A
C>G
C>T
T>A
T>C
T>G
P-0018986-T02-IM6: 8 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
0.00k
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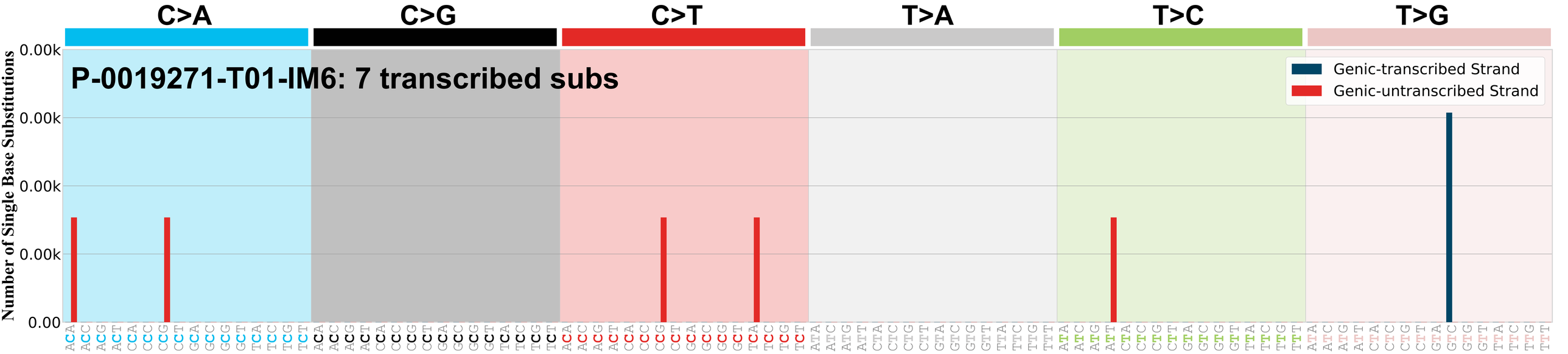
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0019271-T01-IM6: 7 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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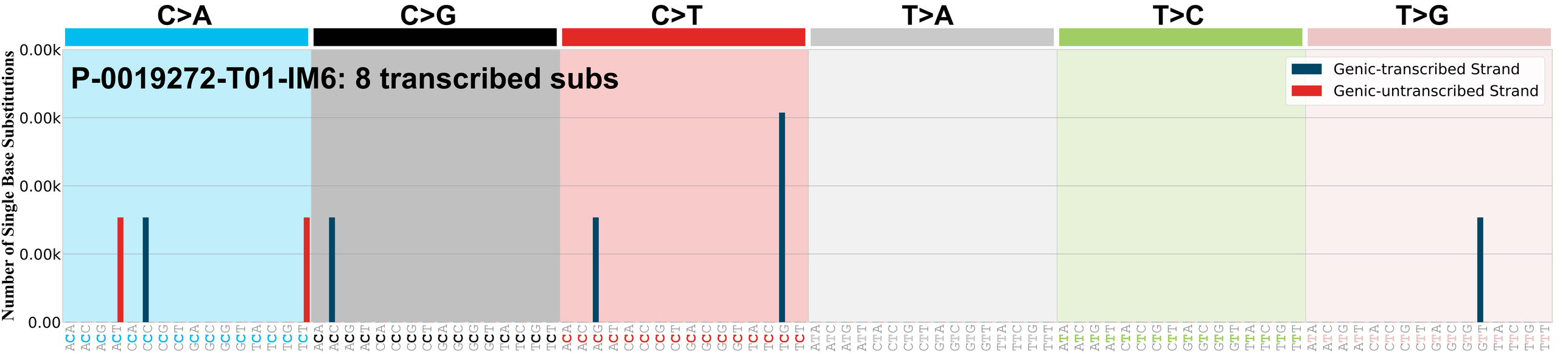
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0019272-T01-IM6: 8 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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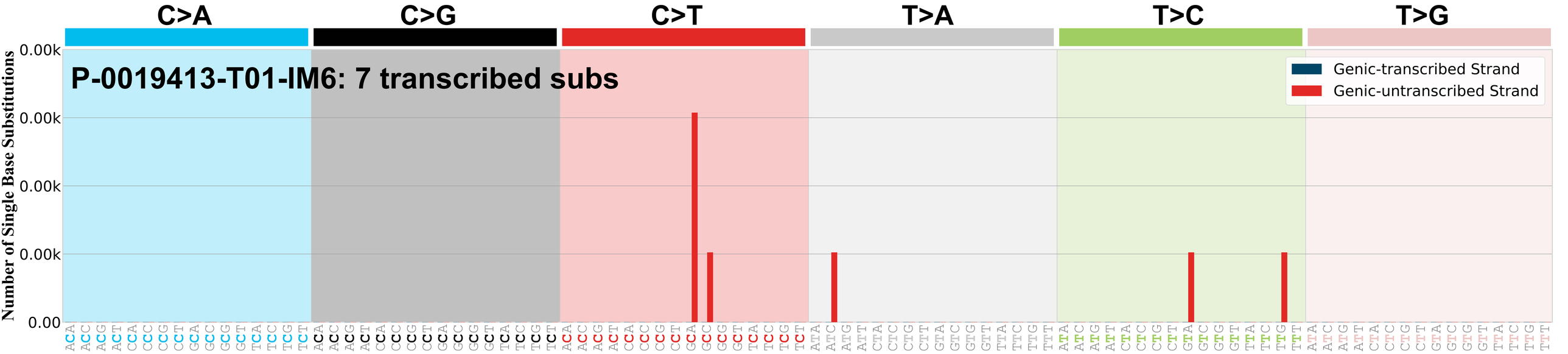
0.00k
0.00k
0.00k
0.00
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC 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-0019413-T01-IM6: 7 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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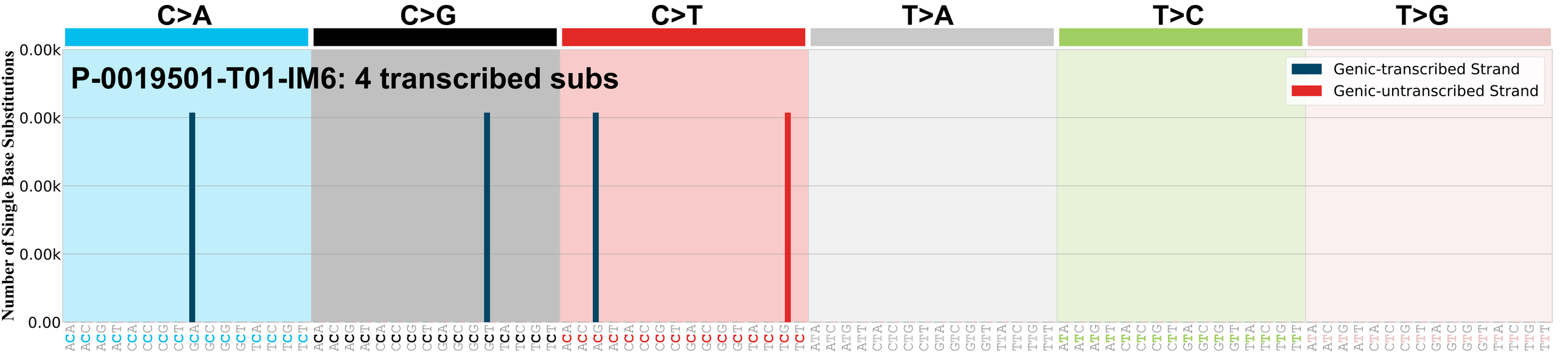
0.00k
0.00k
0.00k
0.00


C>A
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T>C
T>G
P-0019501-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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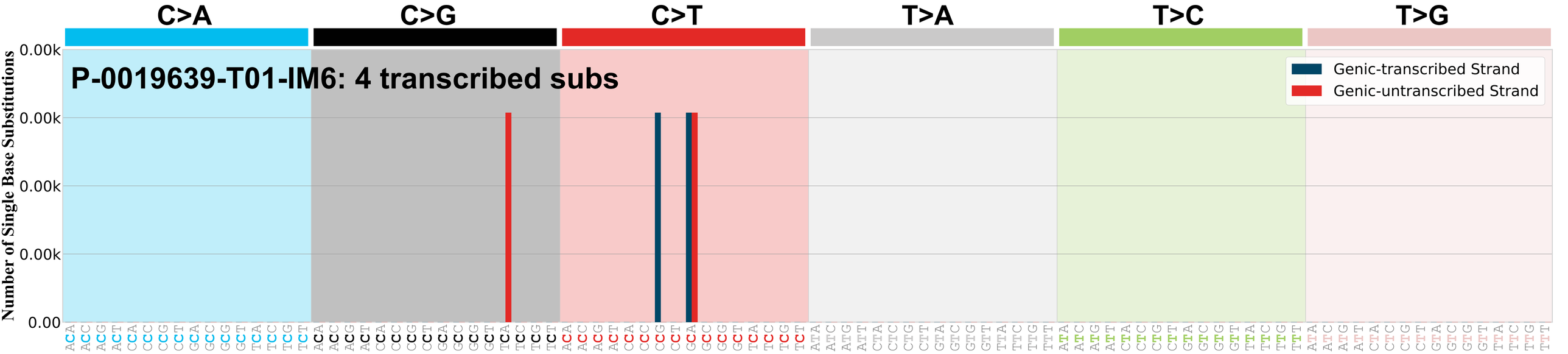
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0019639-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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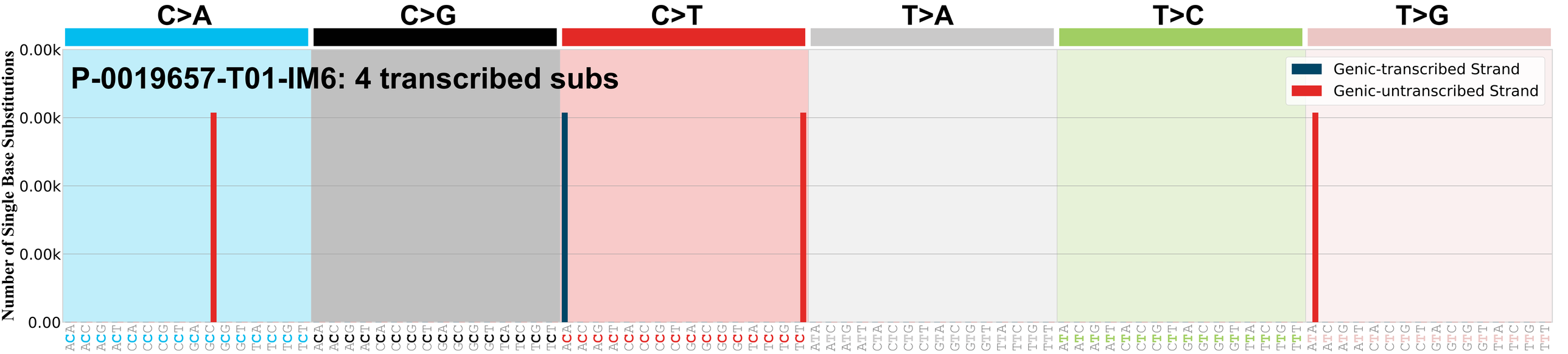
C>A
C>G
C>T
T>A
T>C
T>G
P-0019657-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
0.00k
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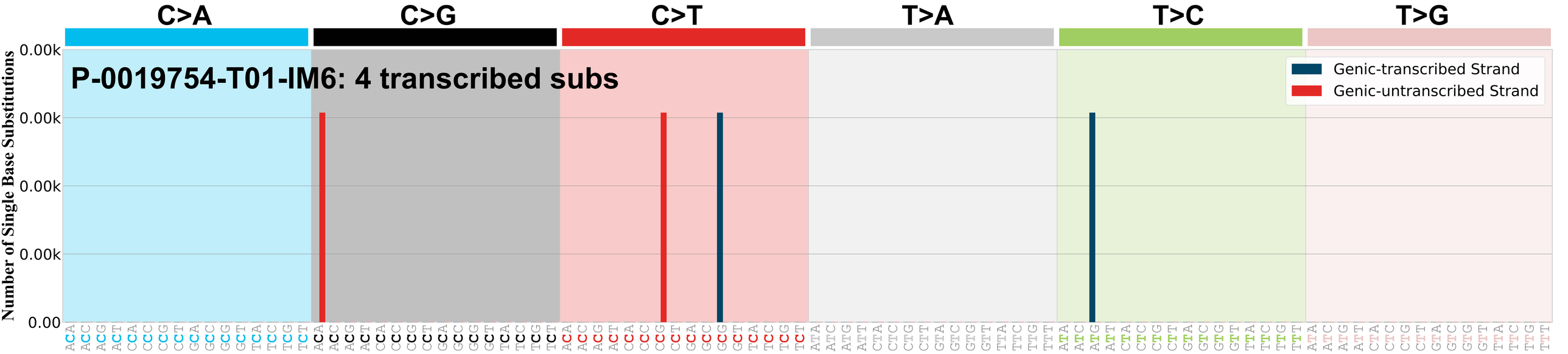
C>A
C>G
C>T
T>A
T>C
T>G
P-0019754-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
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0.00k
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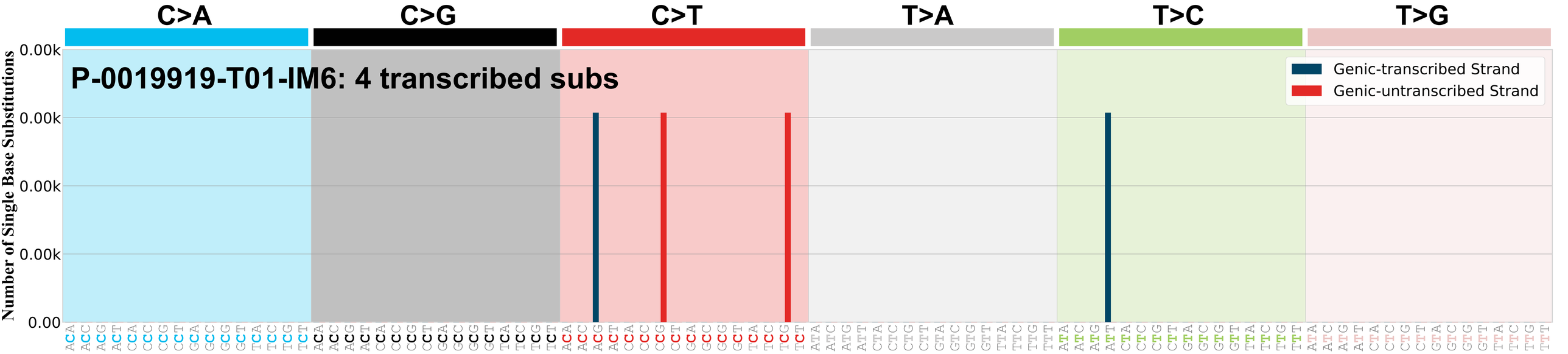
C>A
C>G
C>T
T>A
T>C
T>G
P-0019919-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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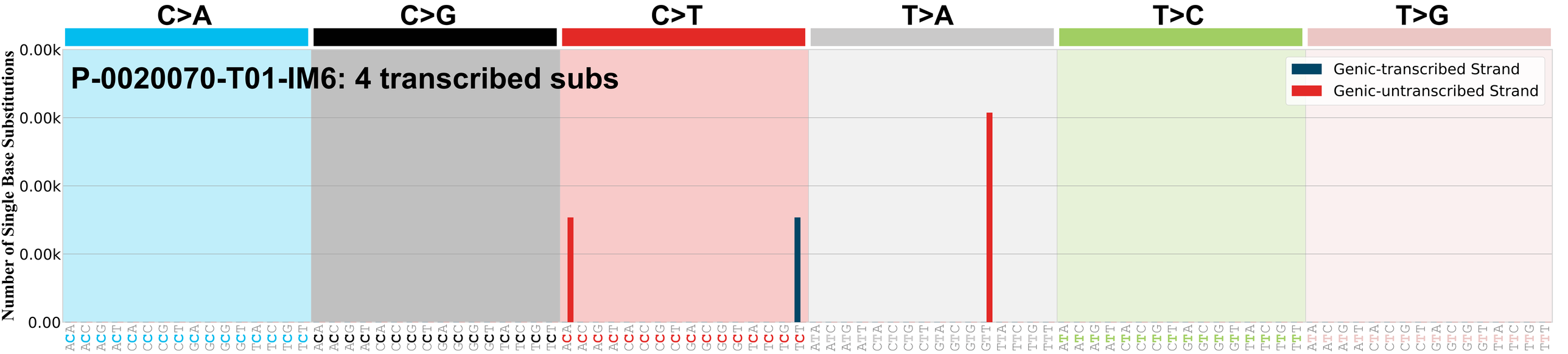
C>A
C>G
C>T
T>A
T>C
T>G
P-0020070-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
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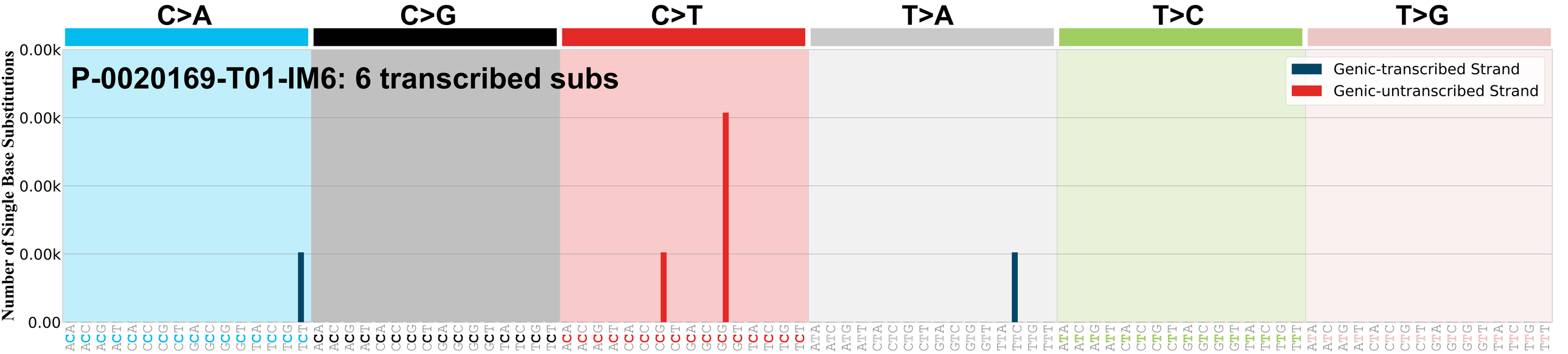
C>A
C>G
C>T
T>A
T>C
T>G
P-0020169-T01-IM6: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
0.00k
0.00k
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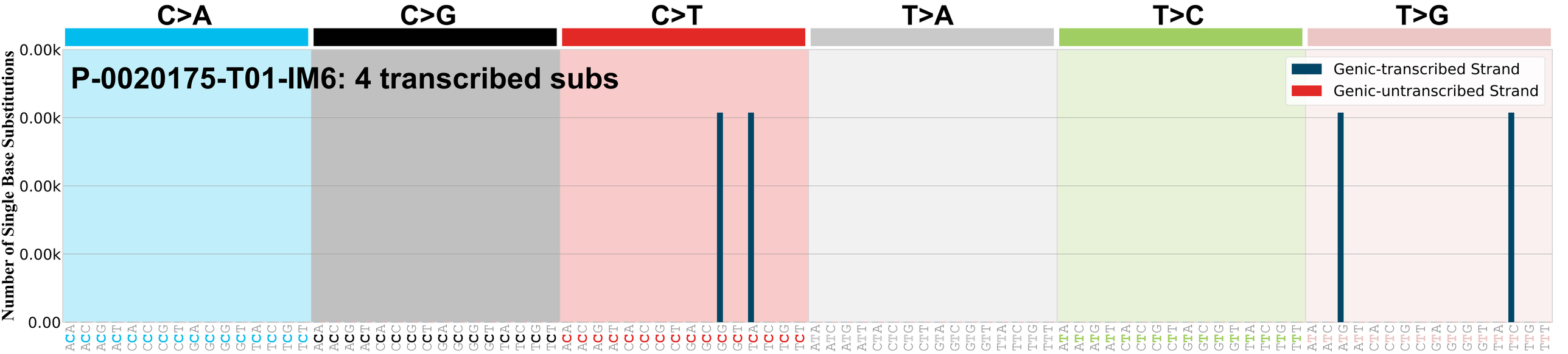
C>A
C>G
C>T
T>A
T>C
T>G
P-0020175-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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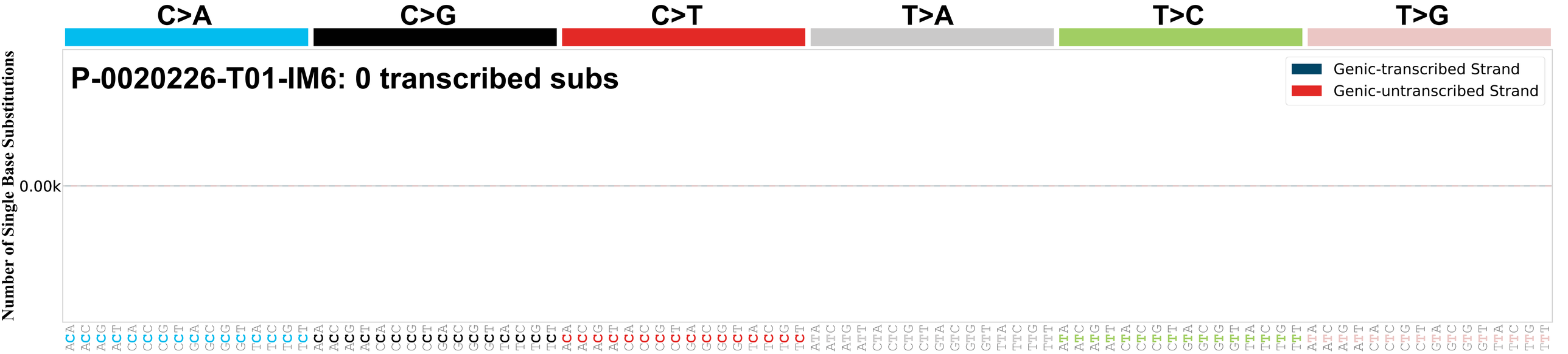
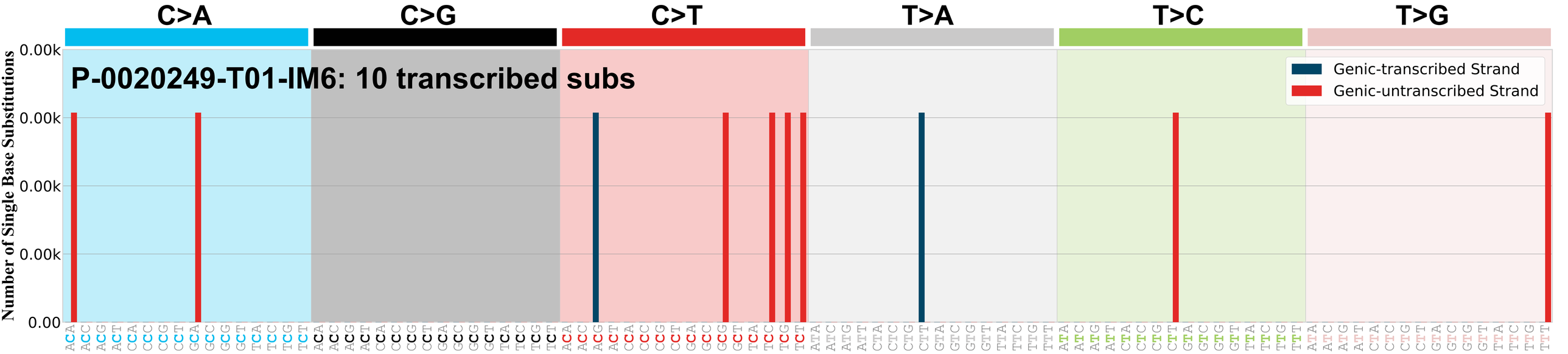

C>A
C>G
C>T
T>A
T>C
T>G
P-0020226-T01-IM6: 0 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k


C>A
C>G
C>T
T>A
T>C
T>G
P-0020249-T01-IM6: 10 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
0.00k
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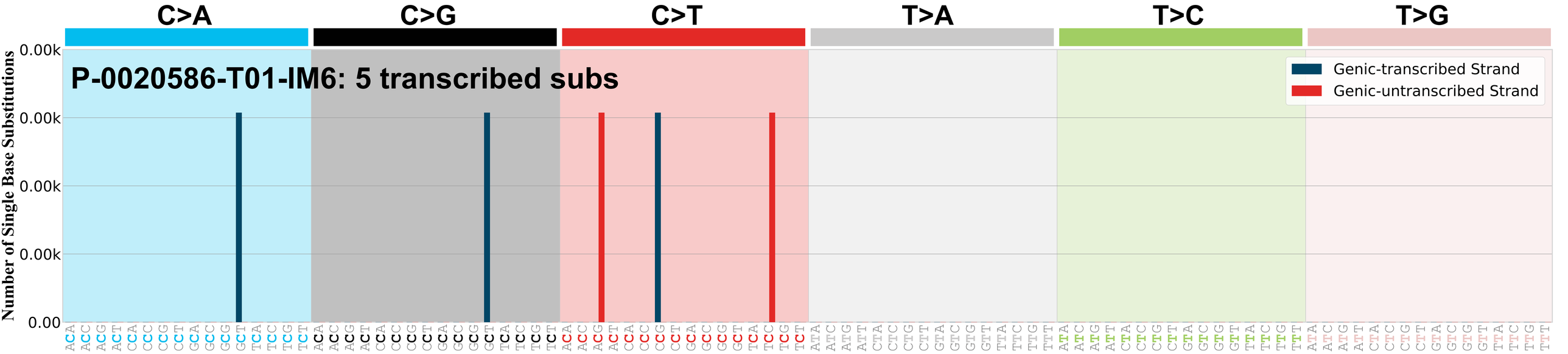
C>A
C>G
C>T
T>A
T>C
T>G
P-0020586-T01-IM6: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
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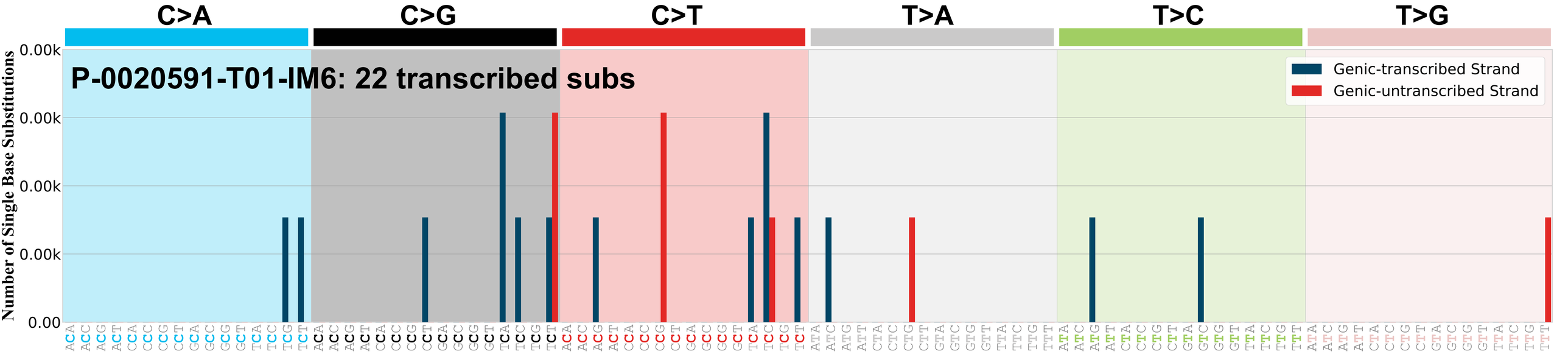
C>A
C>G
C>T
T>A
T>C
T>G
P-0020591-T01-IM6: 22 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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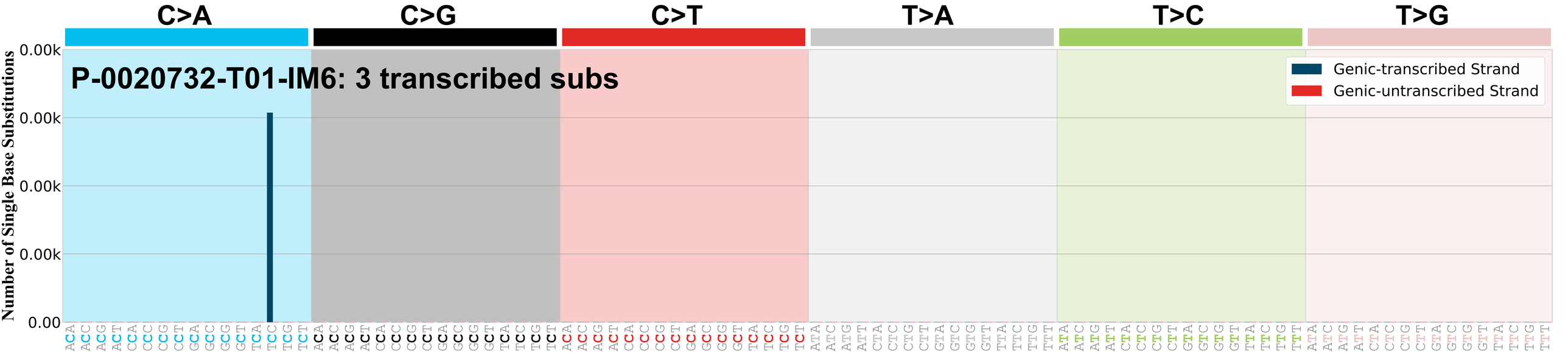
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0020732-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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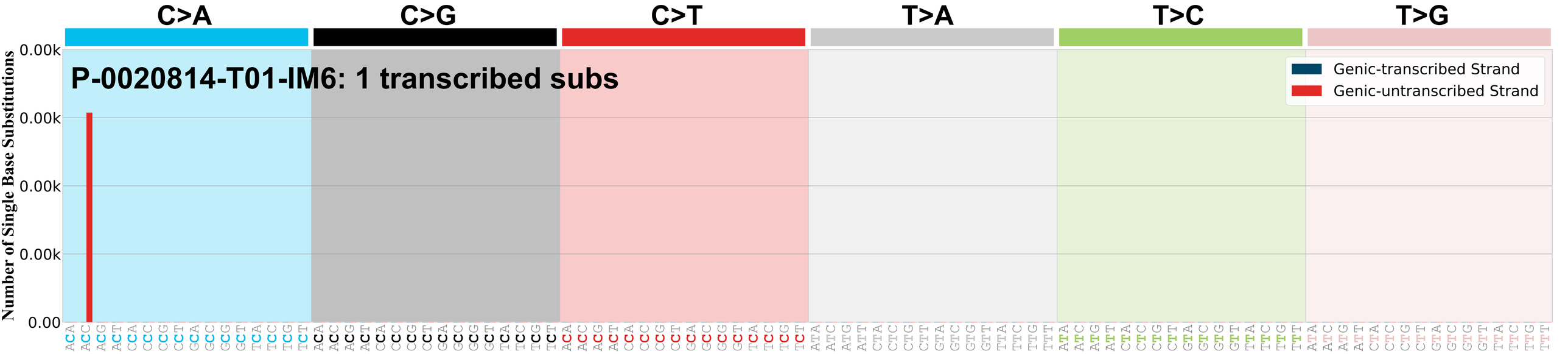
0.00k
0.00k
0.00k
0.00


C>A
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T>C
T>G
P-0020814-T01-IM6: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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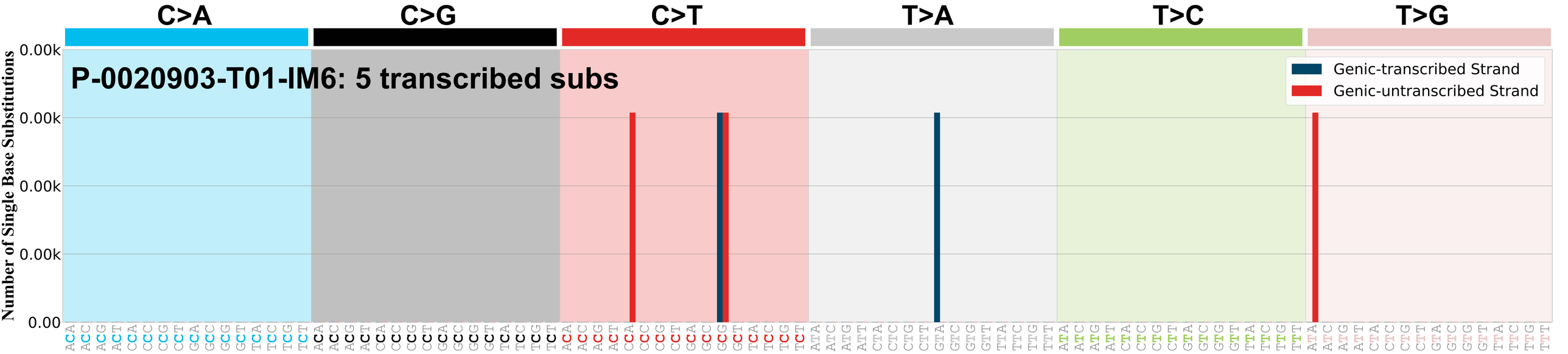
0.00k
0.00k
0.00


C>A
C>G
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T>A
T>C
T>G
P-0020903-T01-IM6: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
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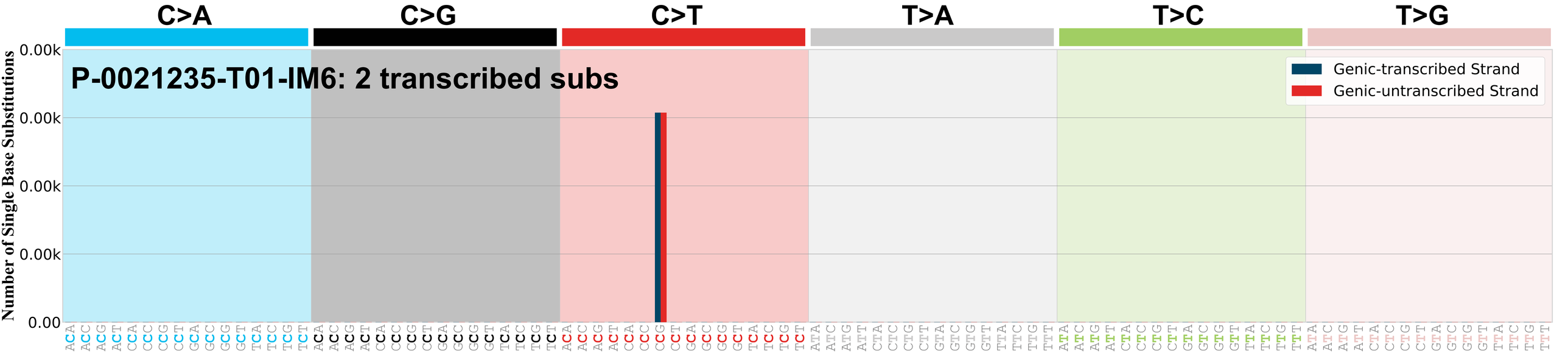
C>A
C>G
C>T
T>A
T>C
T>G
P-0021235-T01-IM6: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
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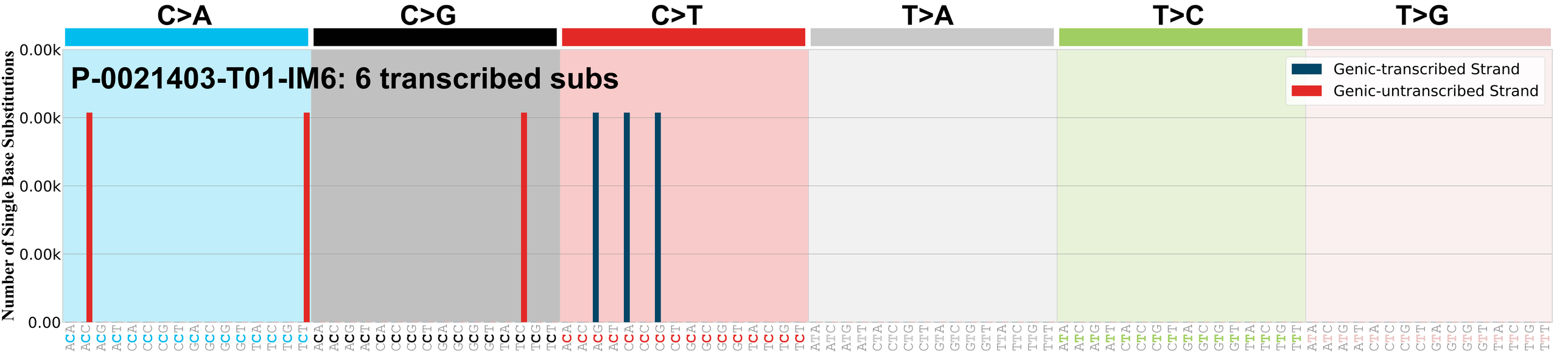
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P-0021403-T01-IM6: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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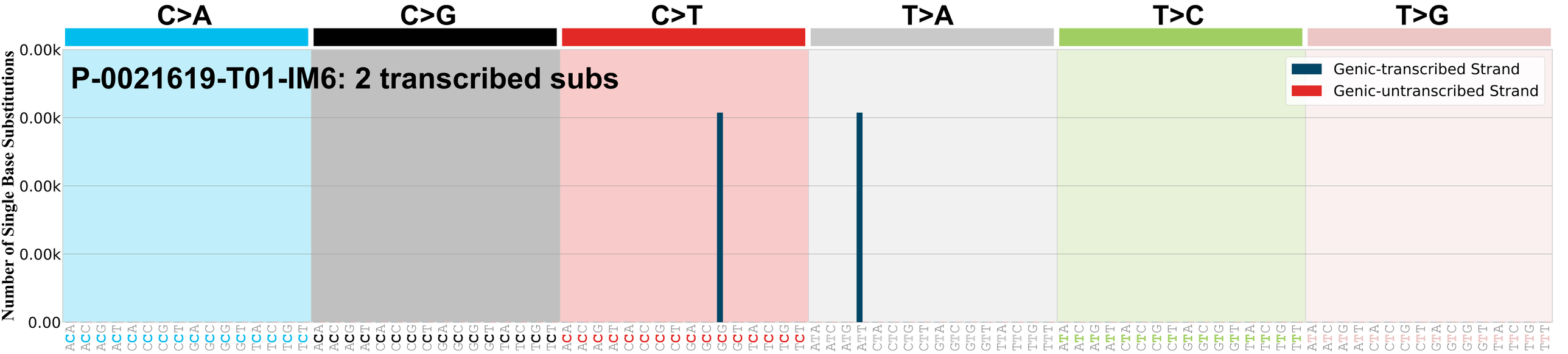
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T>G
P-0021619-T01-IM6: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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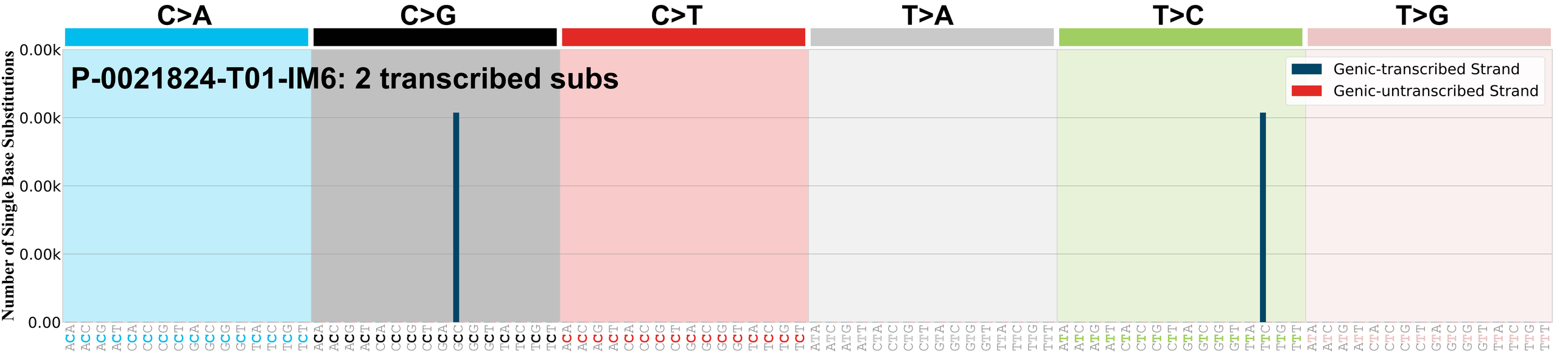
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P-0021824-T01-IM6: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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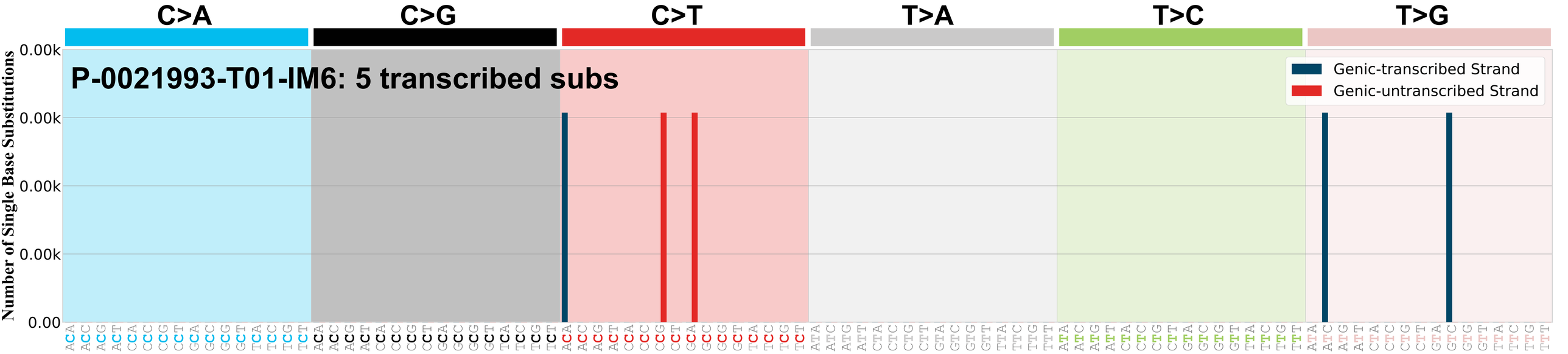
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P-0021993-T01-IM6: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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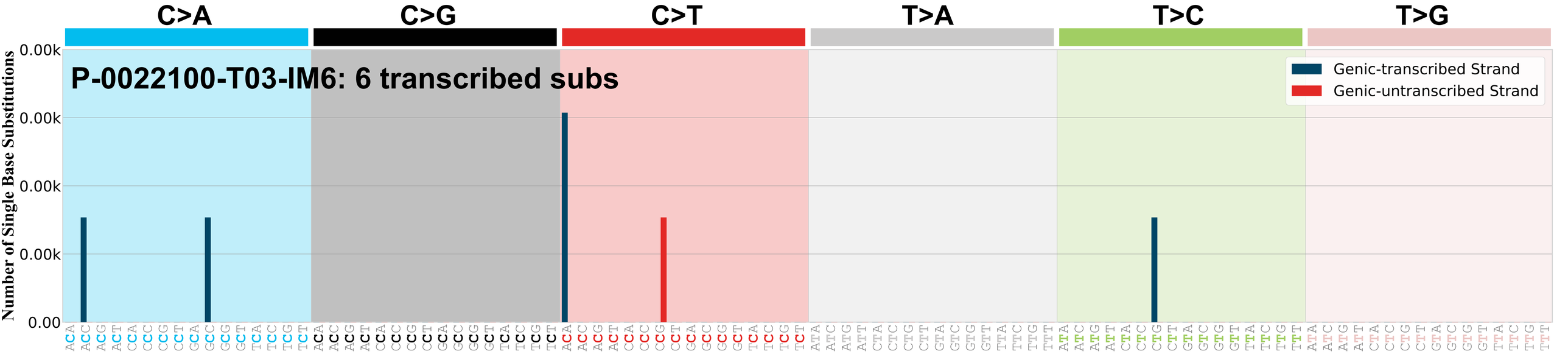
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P-0022100-T03-IM6: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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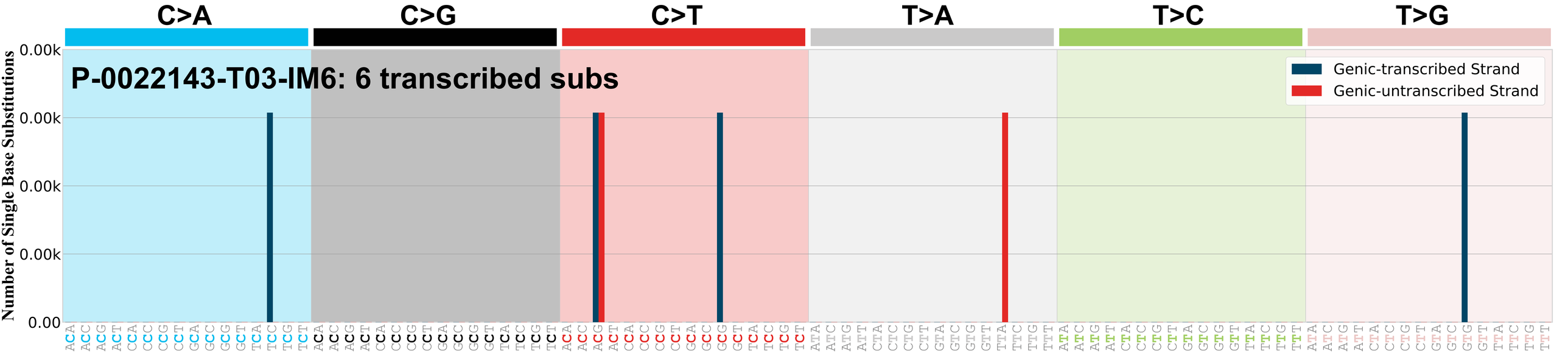
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P-0022143-T03-IM6: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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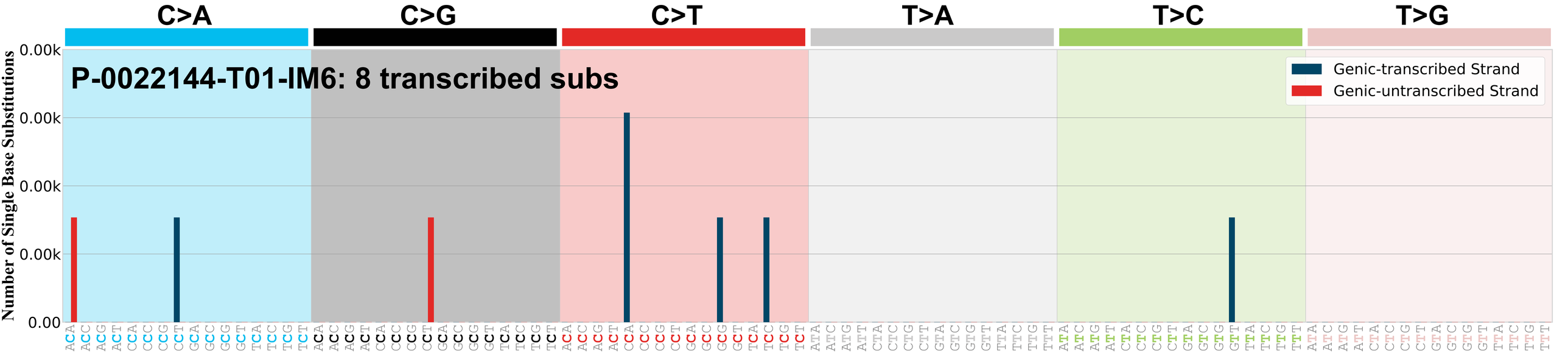
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P-0022144-T01-IM6: 8 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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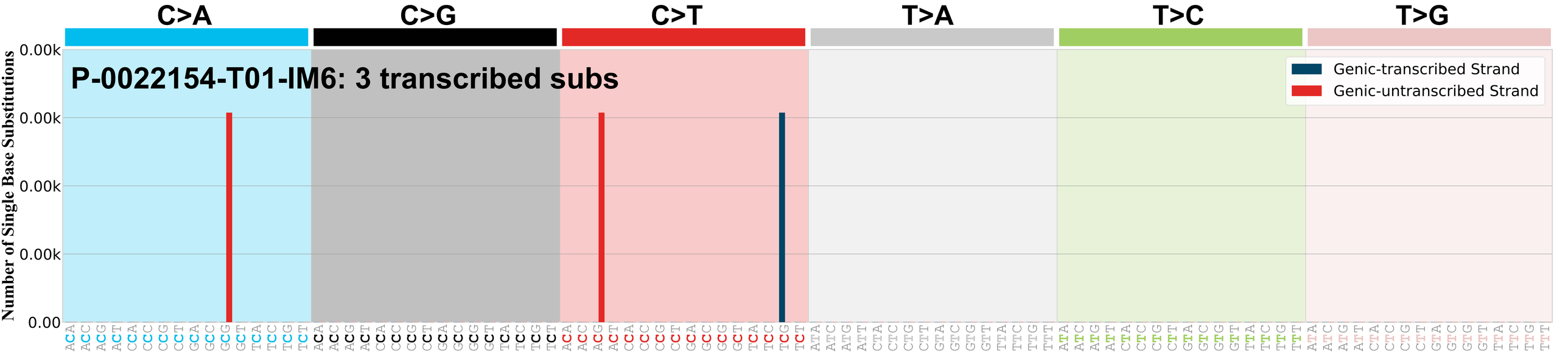
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P-0022154-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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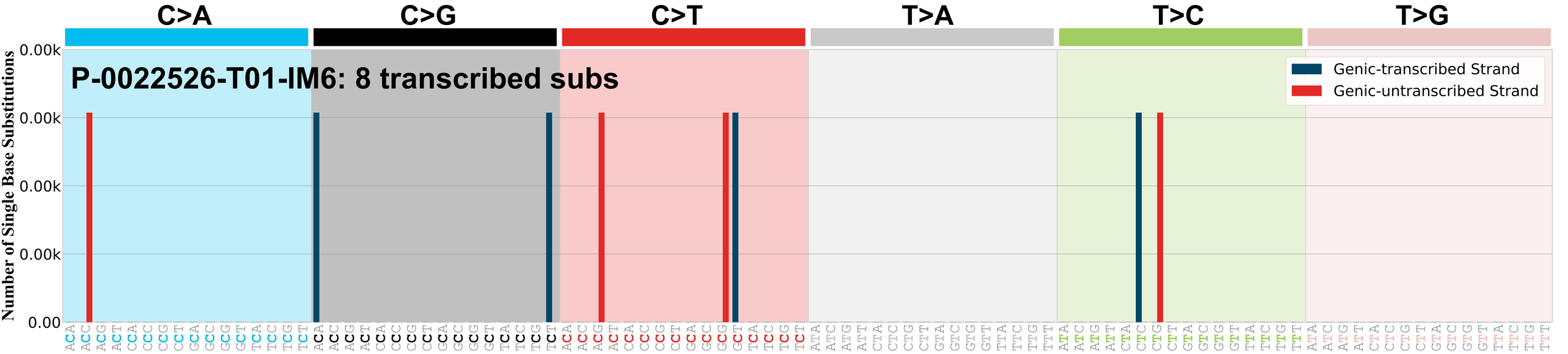
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T>C
T>G
P-0022526-T01-IM6: 8 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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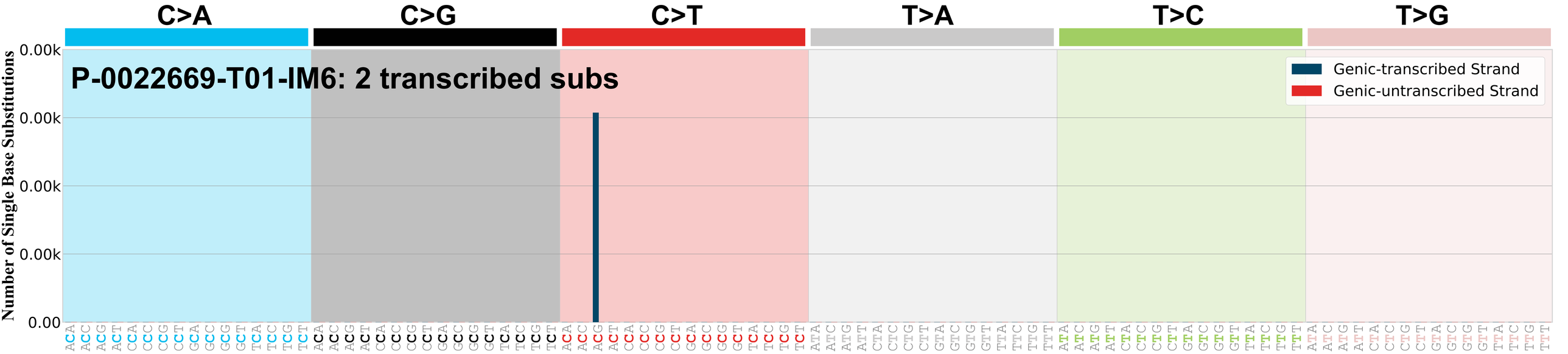
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T>C
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P-0022669-T01-IM6: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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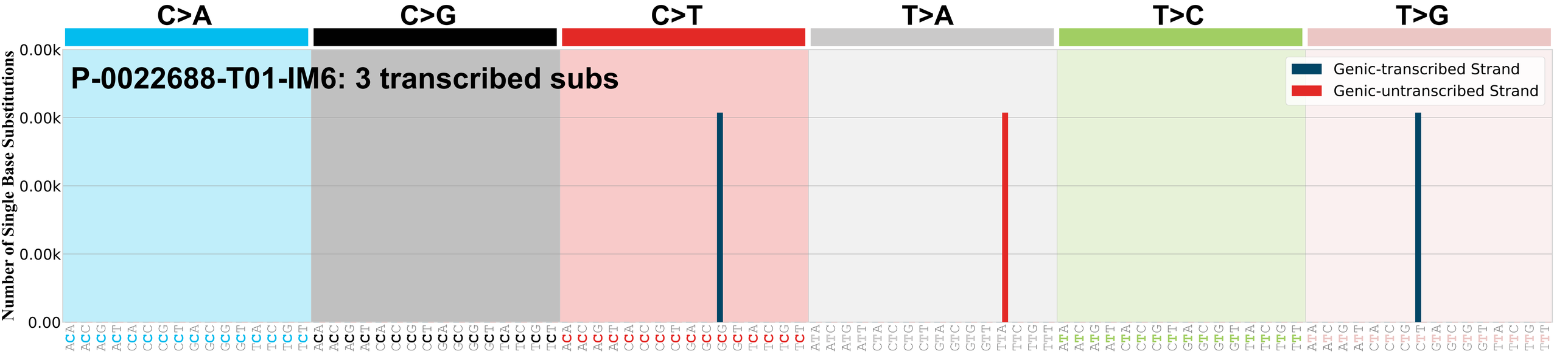
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P-0022688-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
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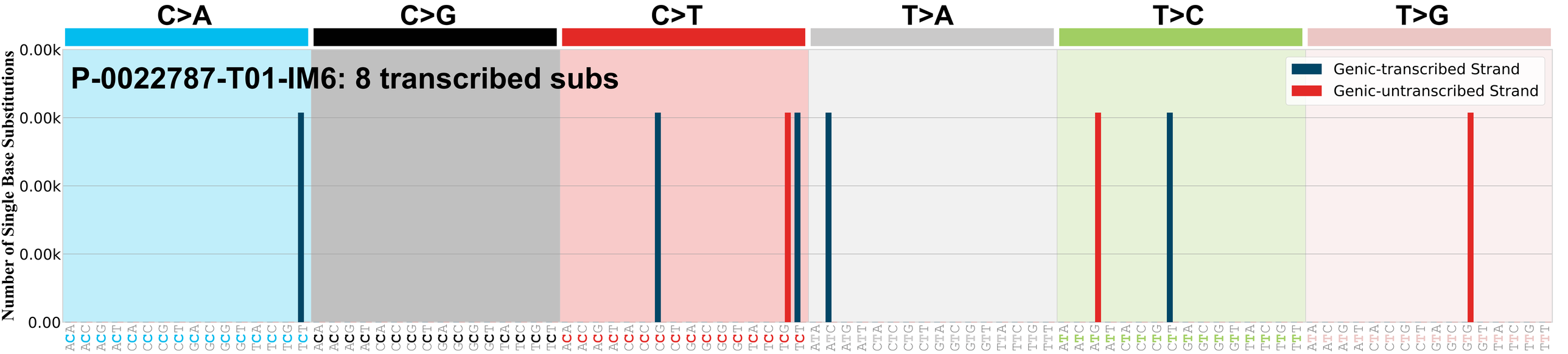
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P-0022787-T01-IM6: 8 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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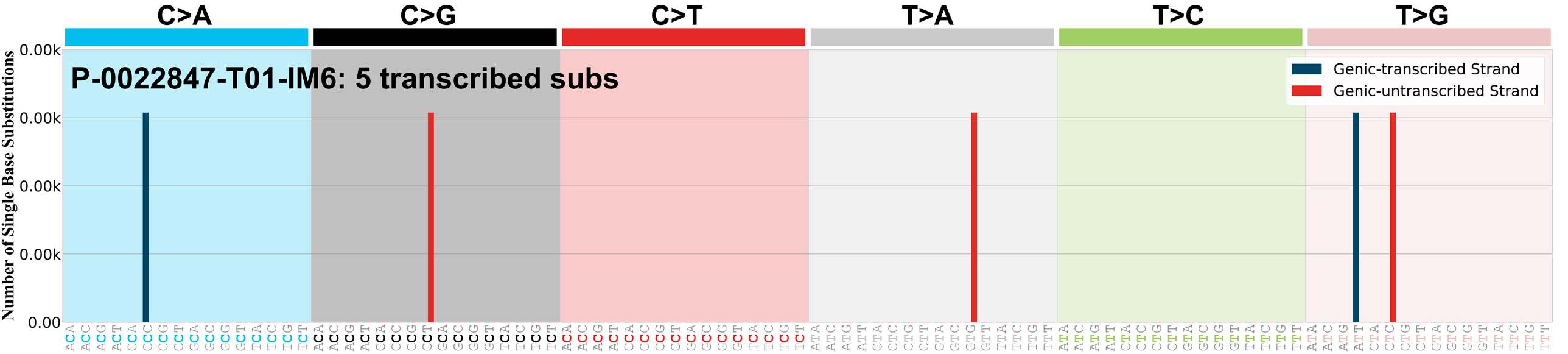
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T>C
T>G
P-0022847-T01-IM6: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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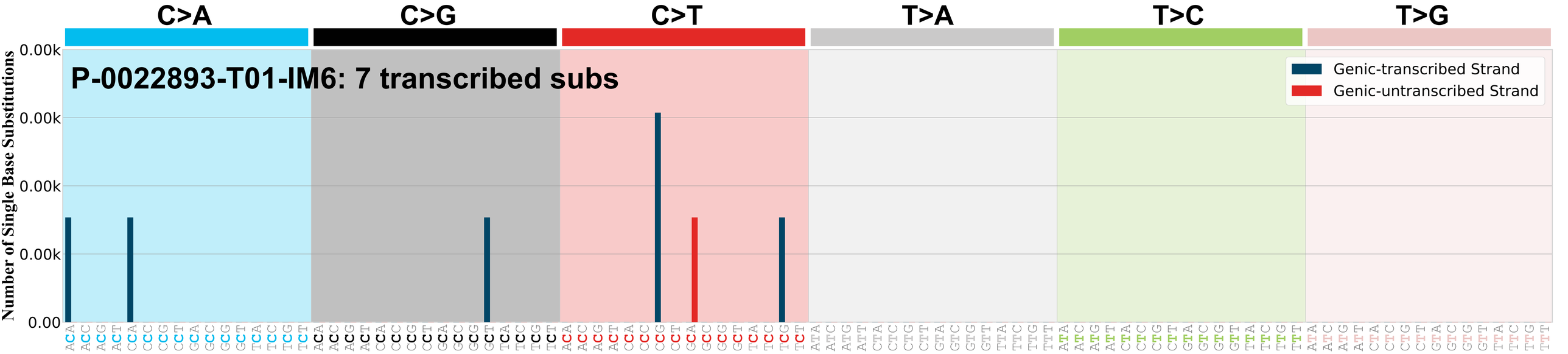
C>A
C>G
C>T
T>A
T>C
T>G
P-0022893-T01-IM6: 7 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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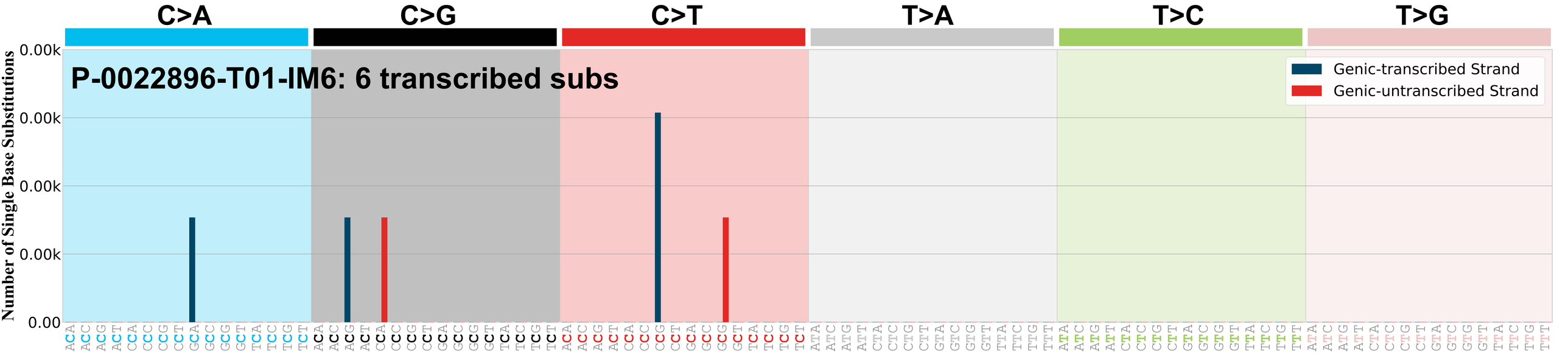
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0022896-T01-IM6: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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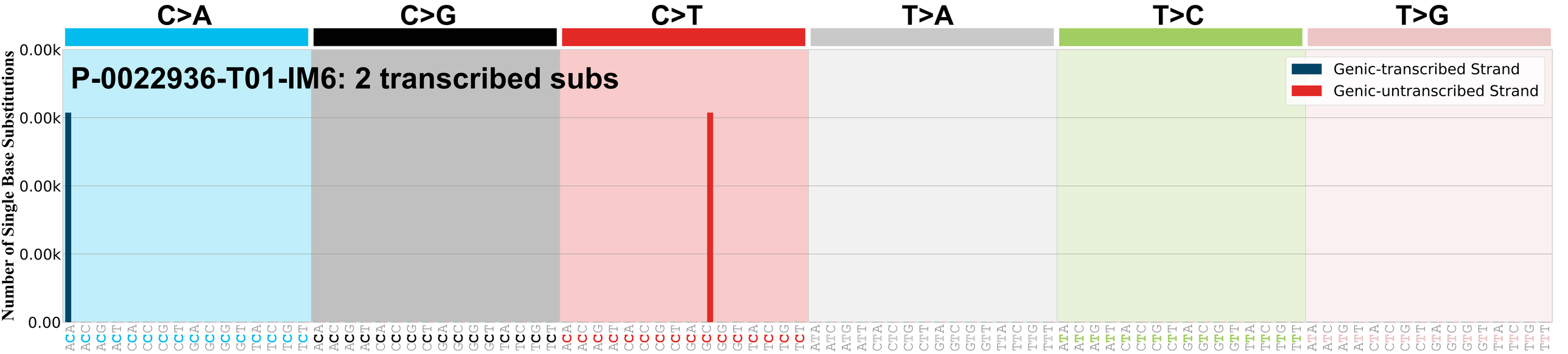
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T>C
T>G
P-0022936-T01-IM6: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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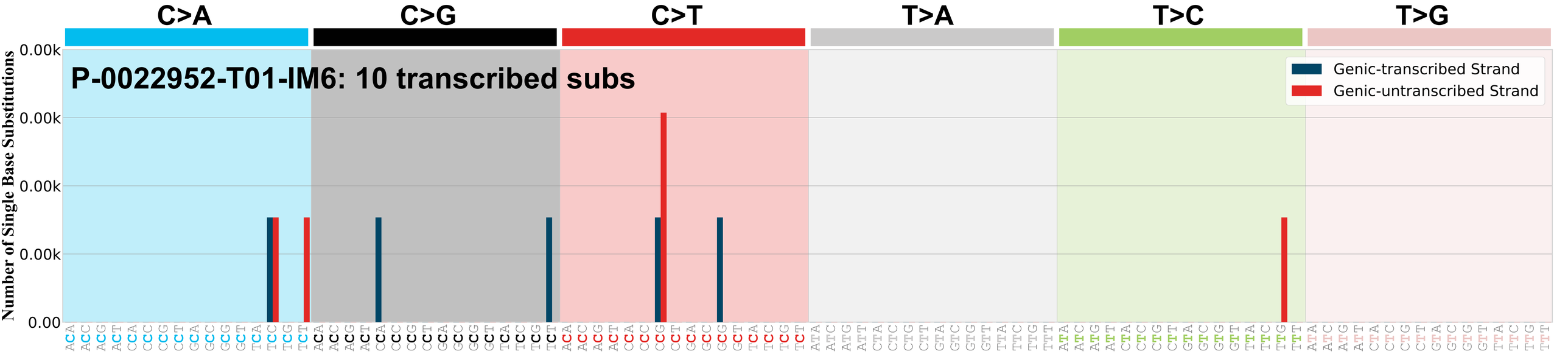
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C>G
C>T
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T>C
T>G
P-0022952-T01-IM6: 10 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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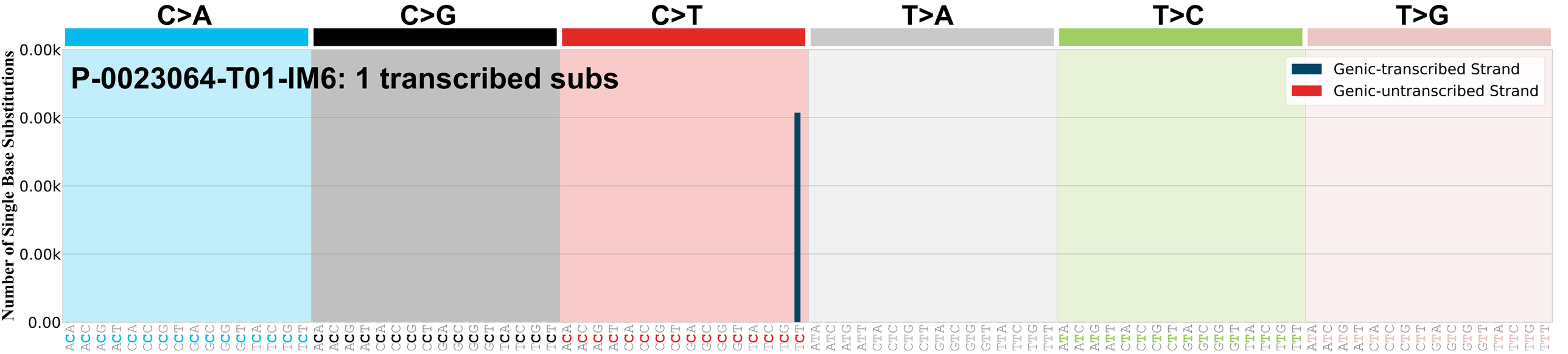
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T>G
P-0023064-T01-IM6: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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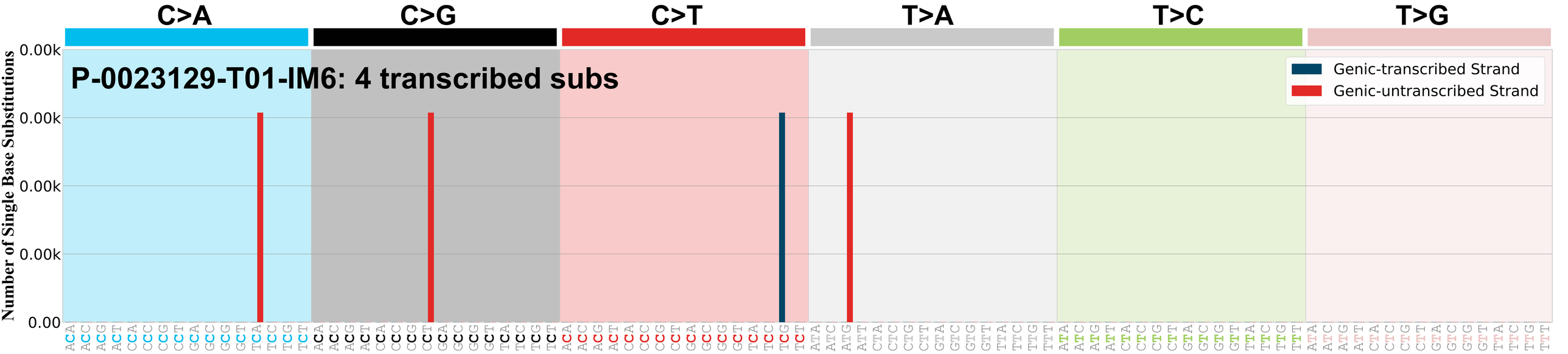
C>A
C>G
C>T
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T>G
P-0023129-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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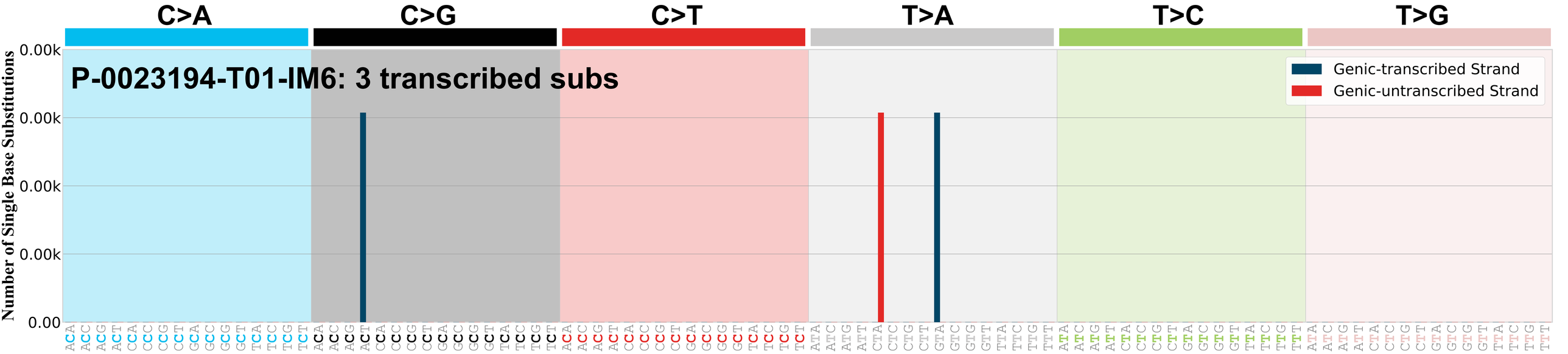
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T>C
T>G
P-0023194-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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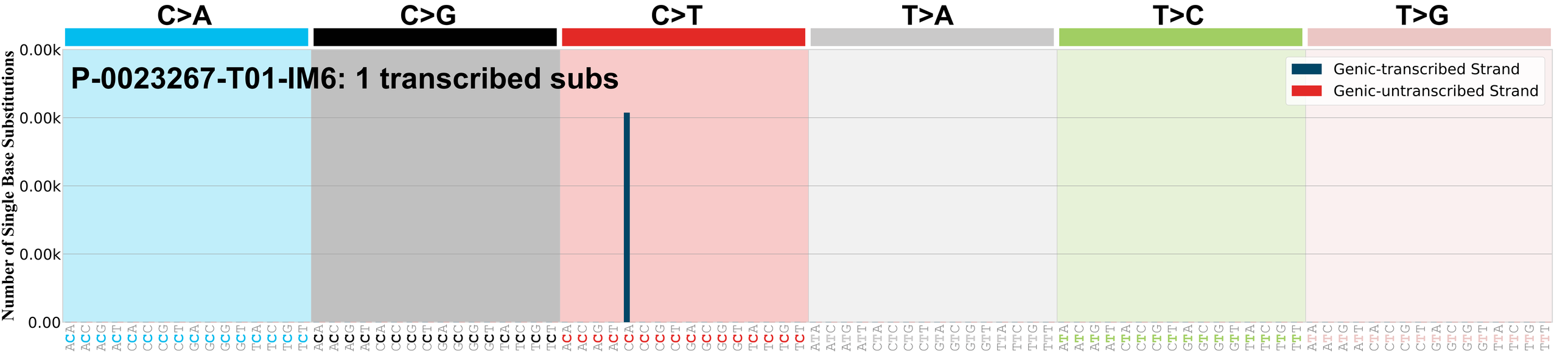
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C>G
C>T
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T>C
T>G
P-0023267-T01-IM6: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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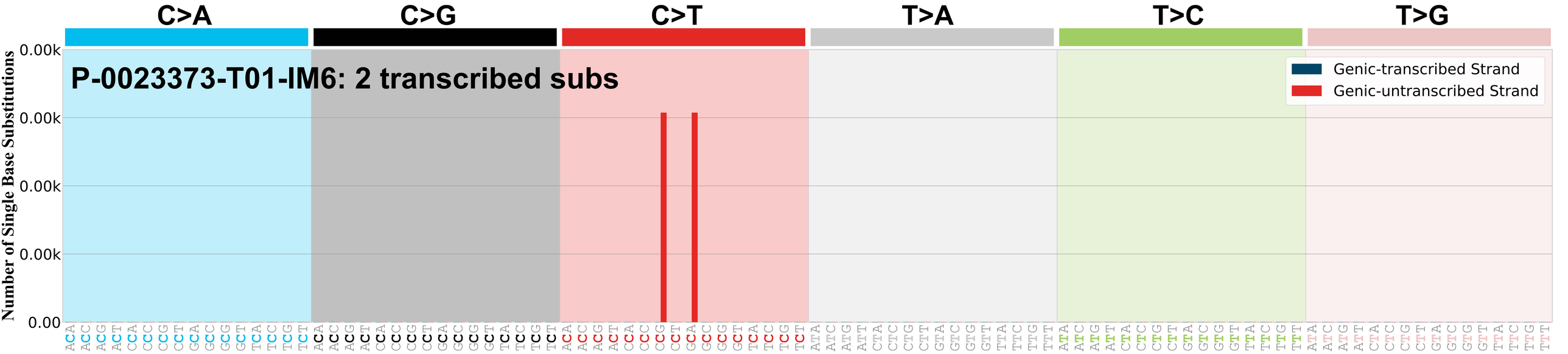
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C>G
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P-0023373-T01-IM6: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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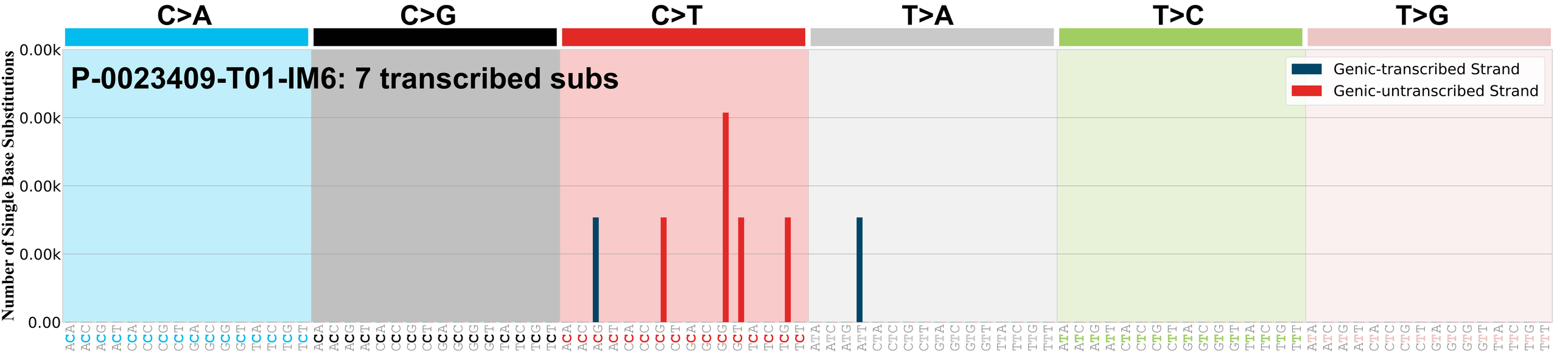
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T>G
P-0023409-T01-IM6: 7 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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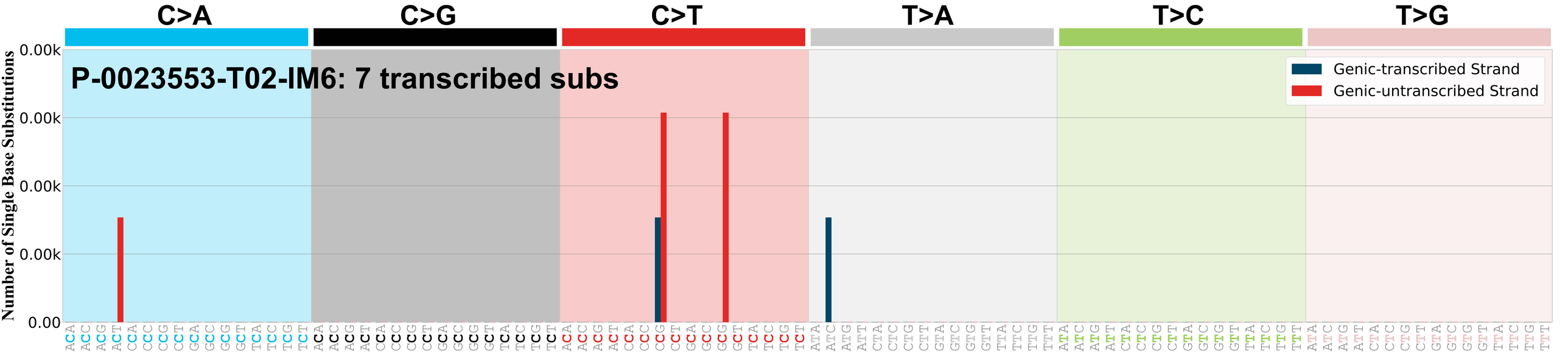
C>A
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P-0023553-T02-IM6: 7 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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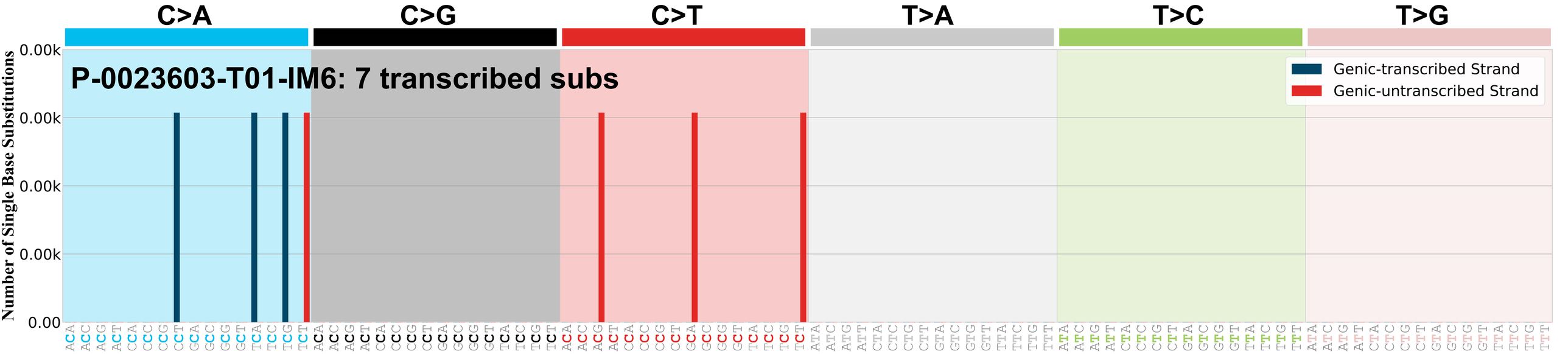
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T>G
P-0023603-T01-IM6: 7 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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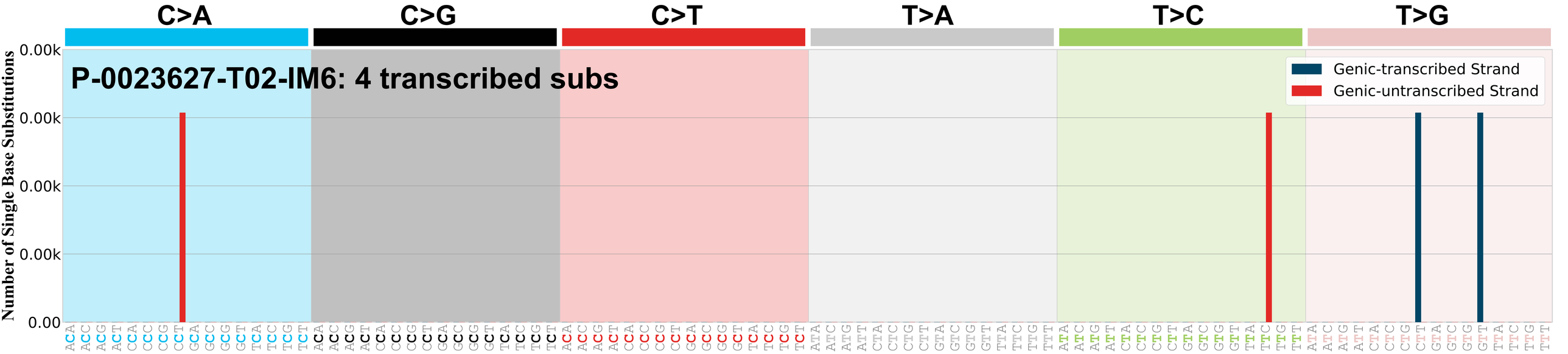
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P-0023627-T02-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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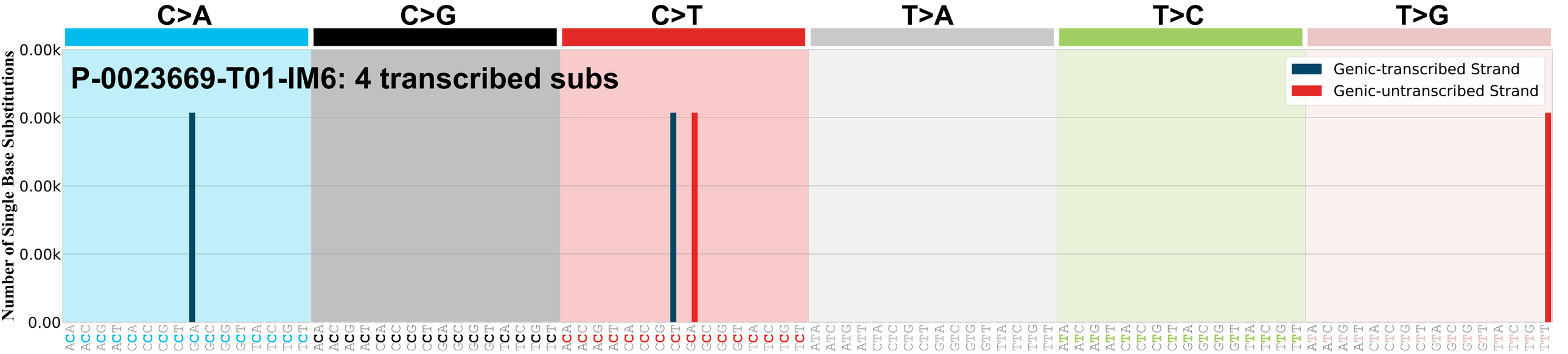
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P-0023669-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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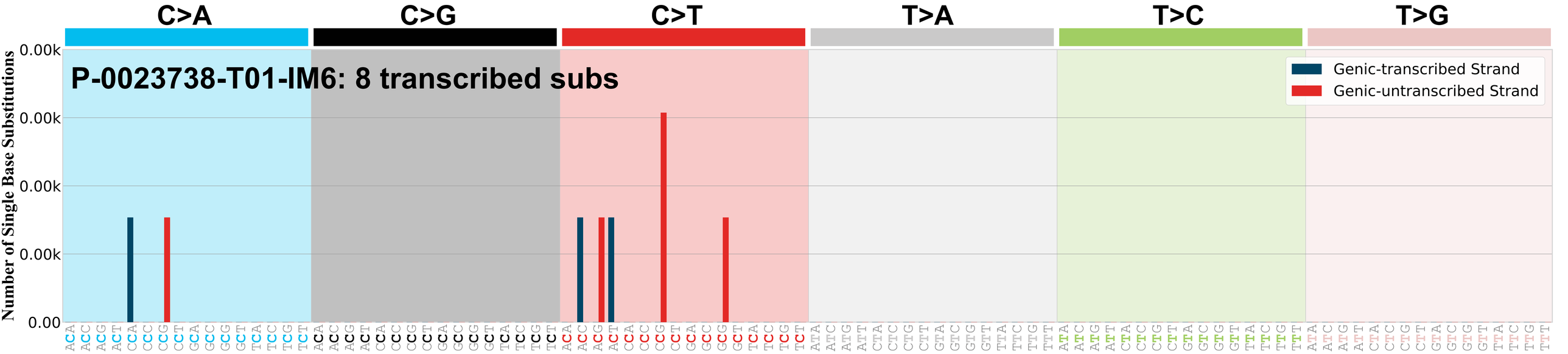
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P-0023738-T01-IM6: 8 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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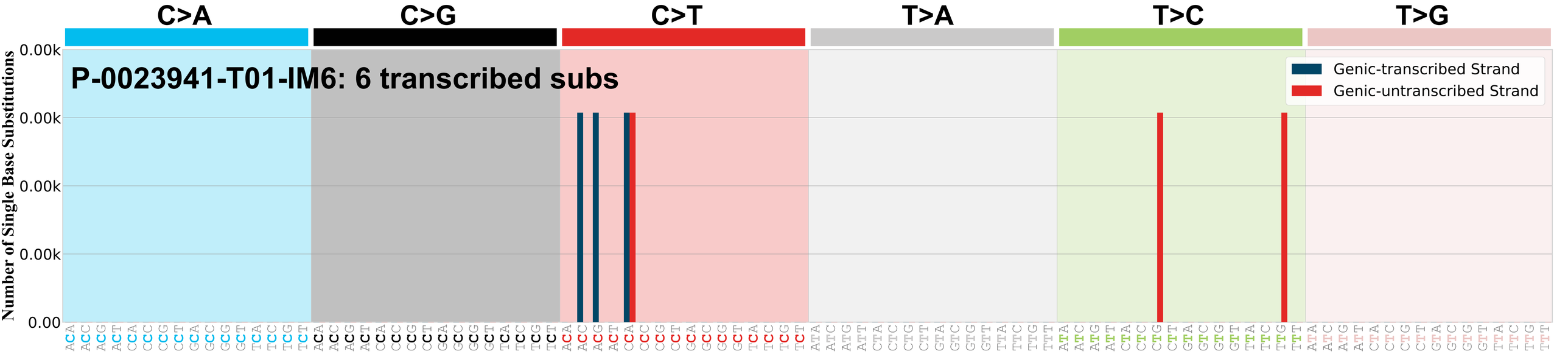
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T>G
P-0023941-T01-IM6: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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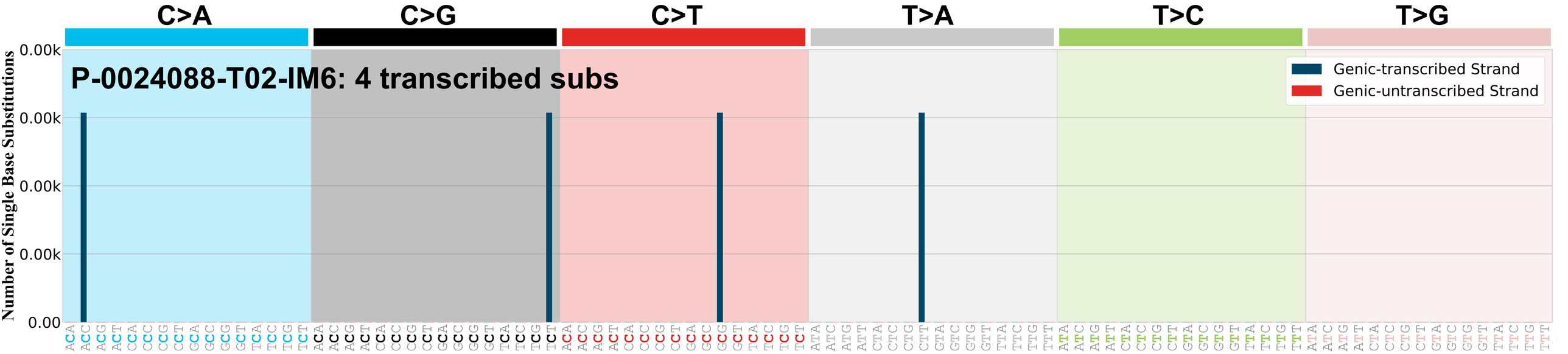
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P-0024088-T02-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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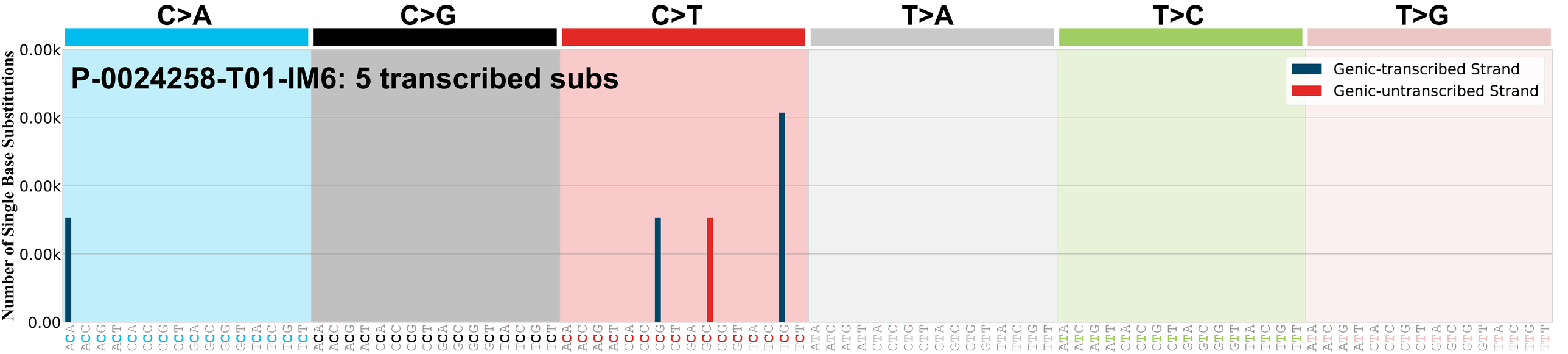
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C>G
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T>C
T>G
P-0024258-T01-IM6: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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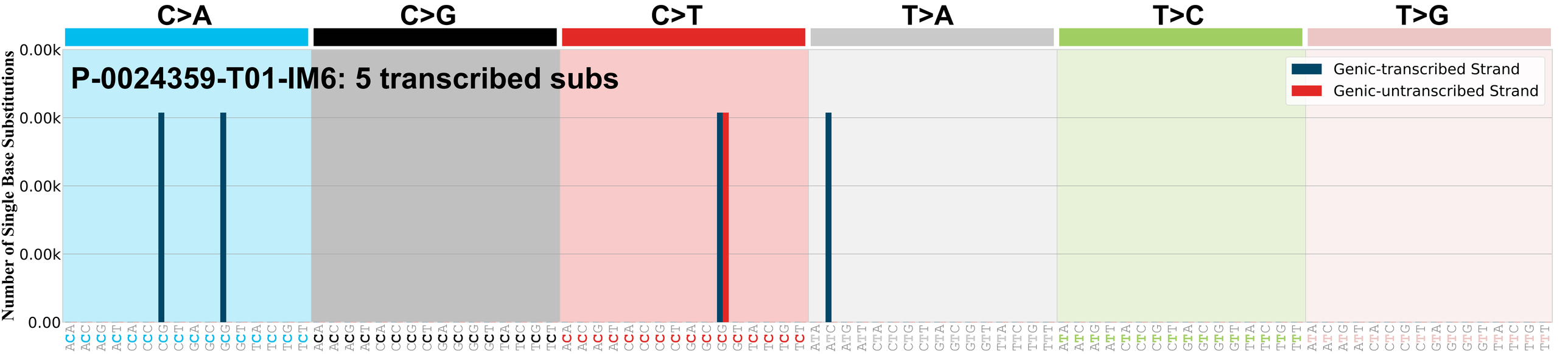
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C>G
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T>C
T>G
P-0024359-T01-IM6: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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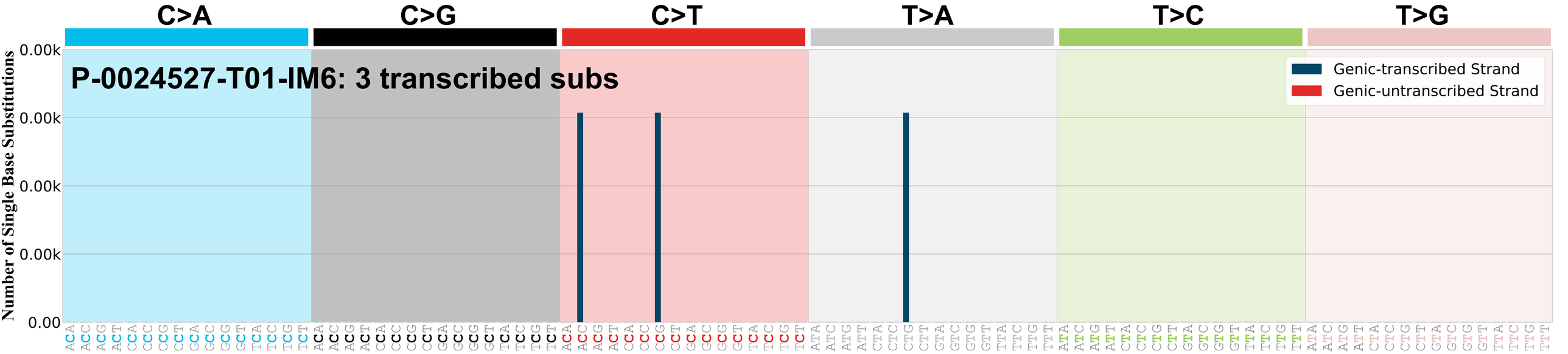
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C>G
C>T
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T>C
T>G
P-0024527-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
0.00k
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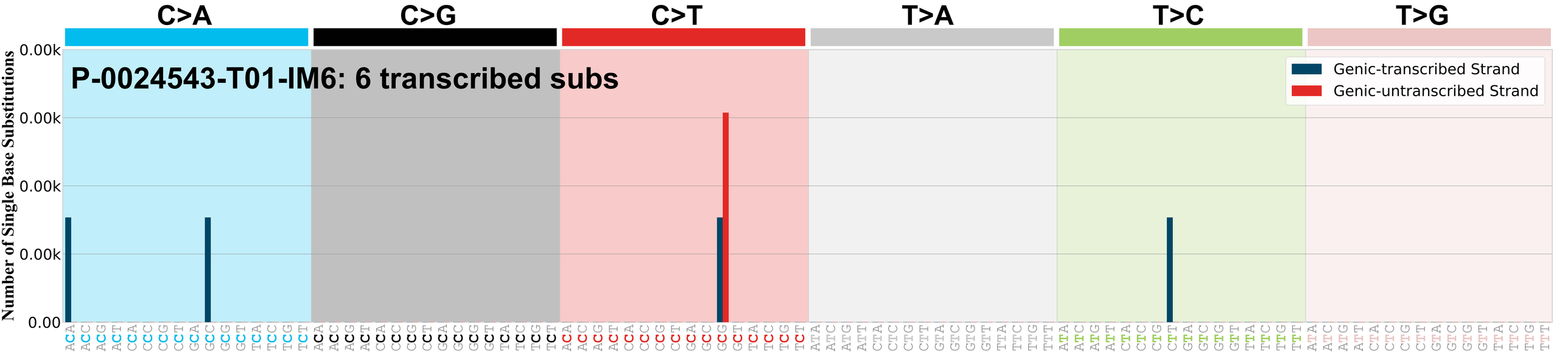
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P-0024543-T01-IM6: 6 transcribed subs
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Genic-untranscribed Strand
Number of Single Base Substitutions
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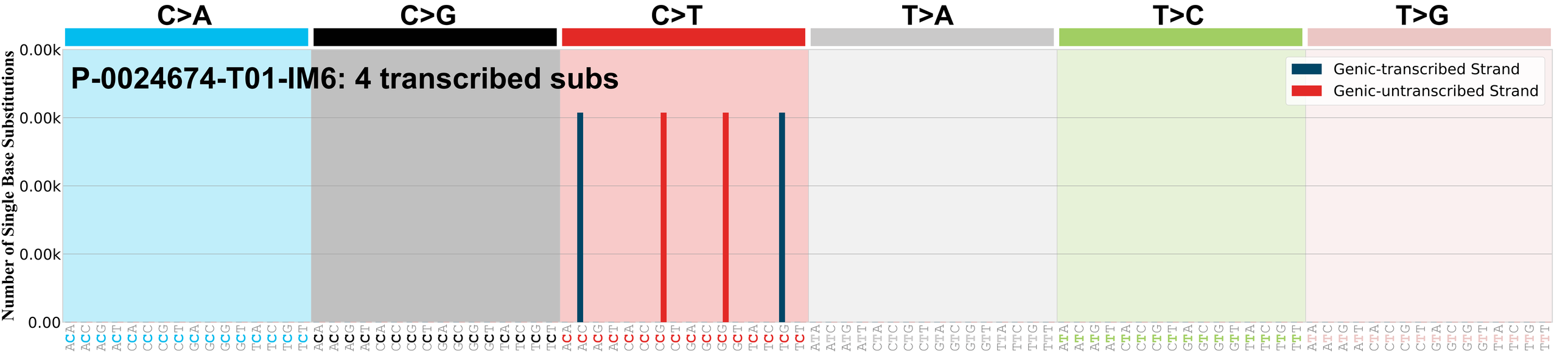
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P-0024674-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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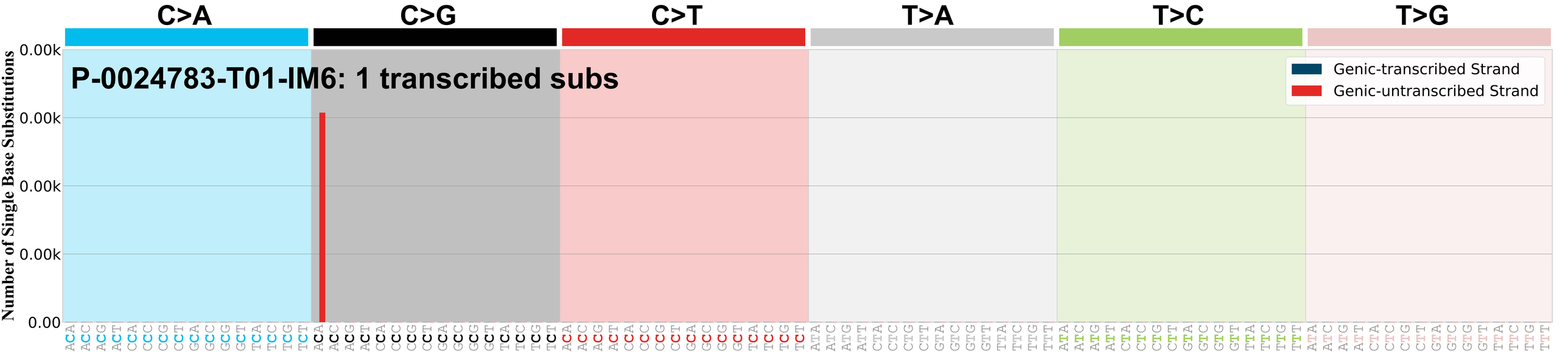
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P-0024783-T01-IM6: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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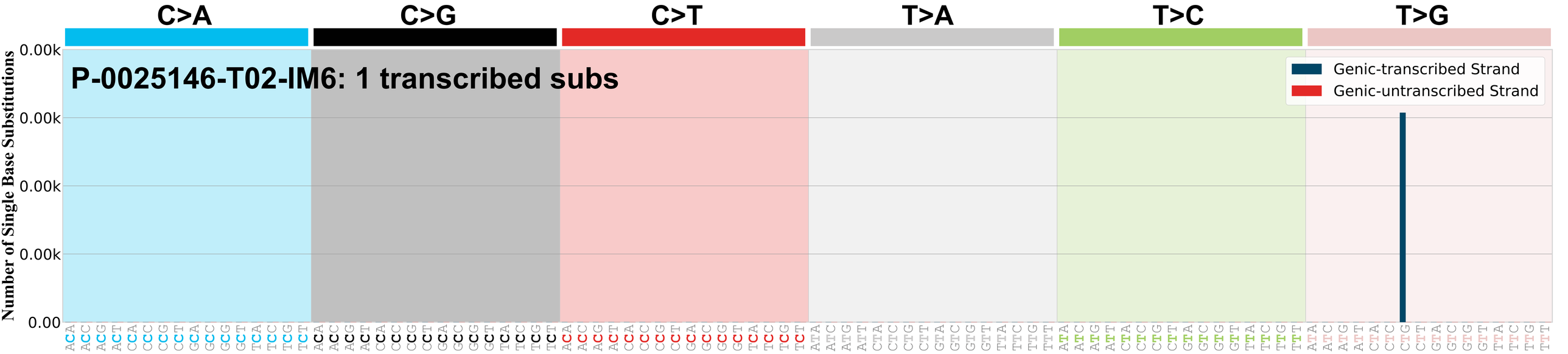
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P-0025146-T02-IM6: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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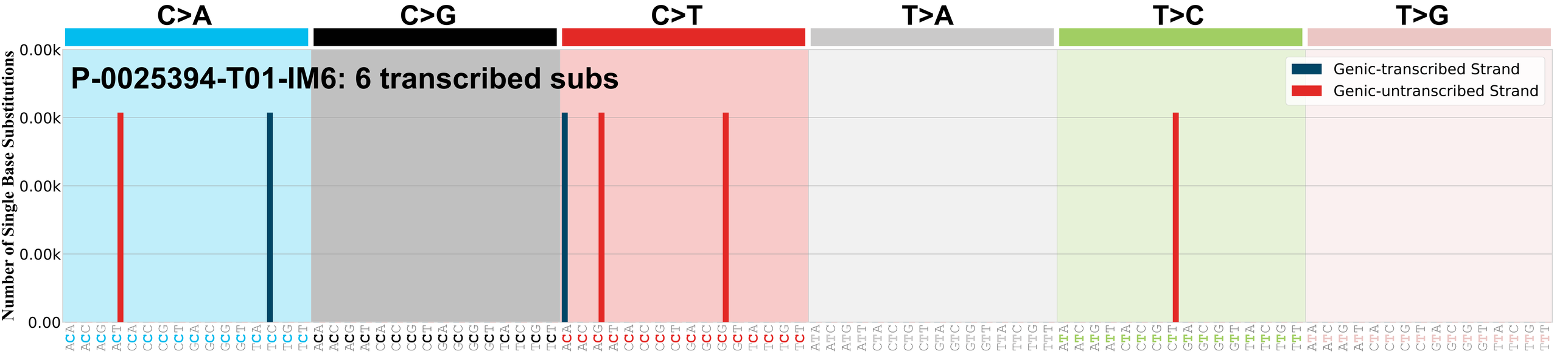
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P-0025394-T01-IM6: 6 transcribed subs
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Number of Single Base Substitutions
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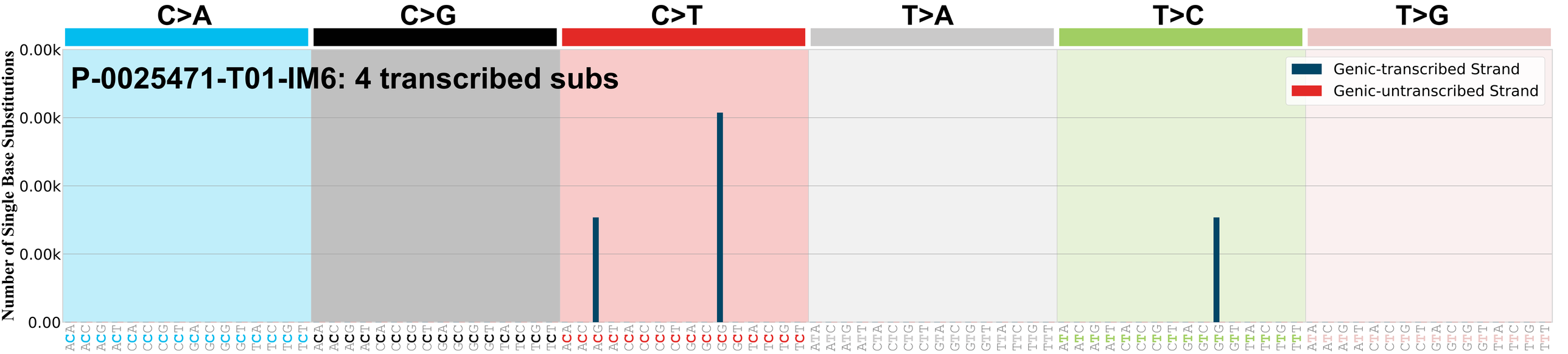
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P-0025471-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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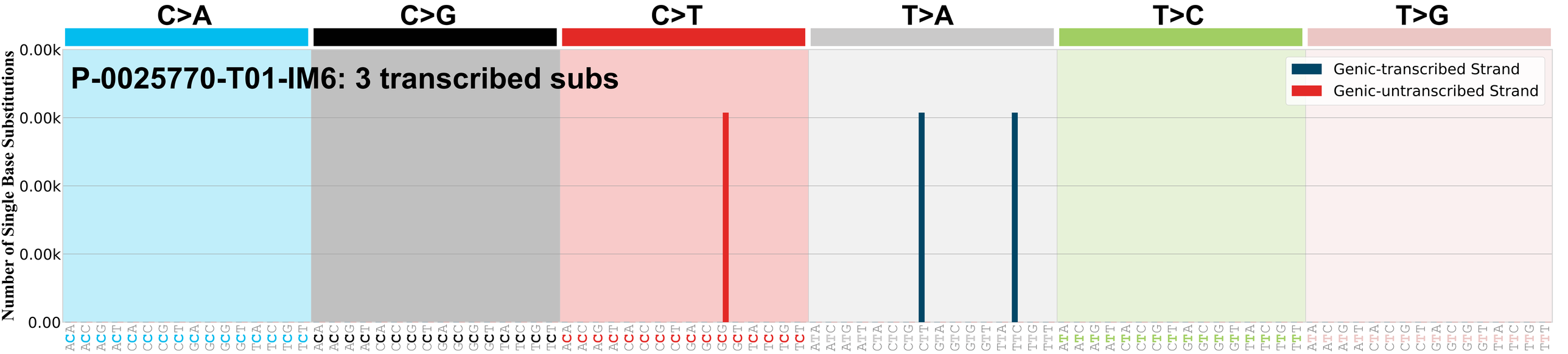
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P-0025770-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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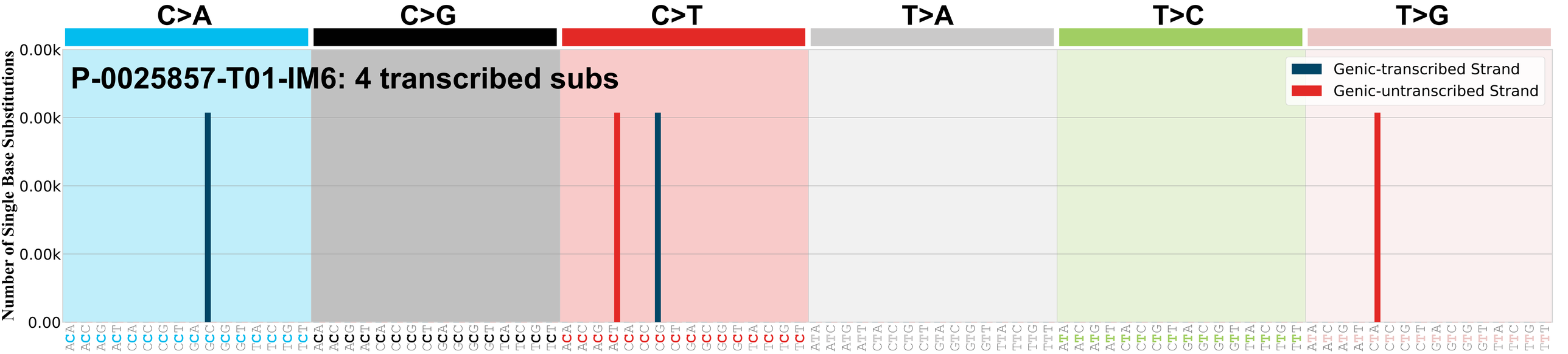
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P-0025857-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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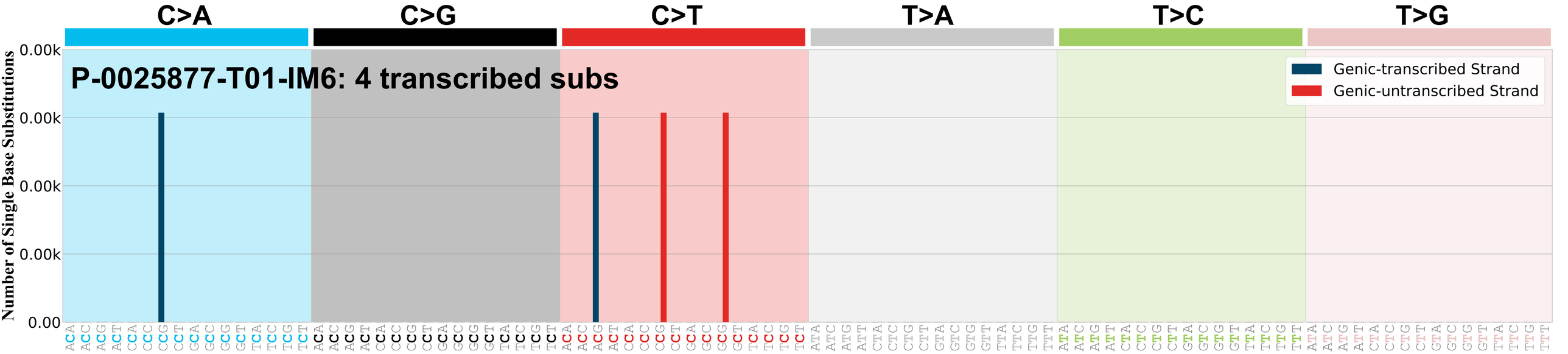
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P-0025877-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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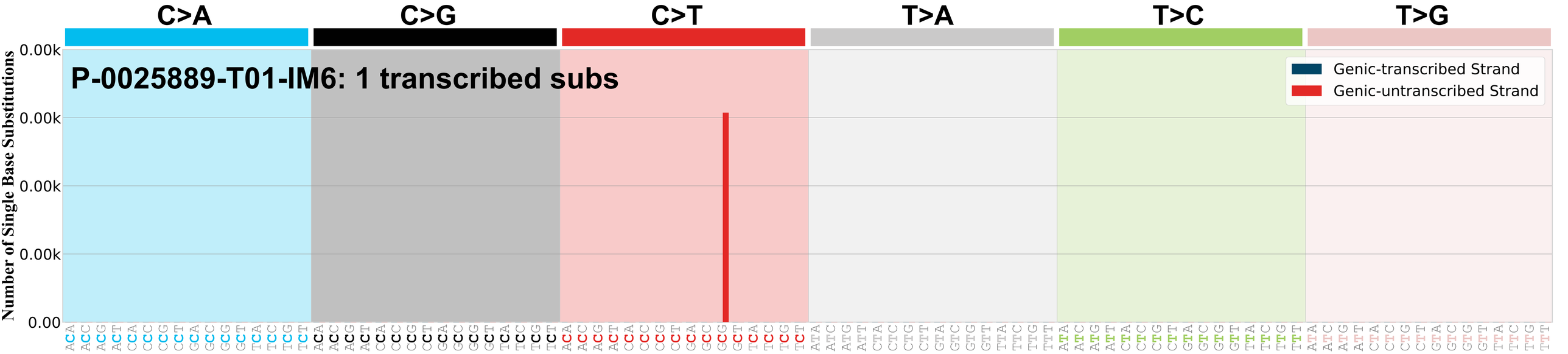
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P-0025889-T01-IM6: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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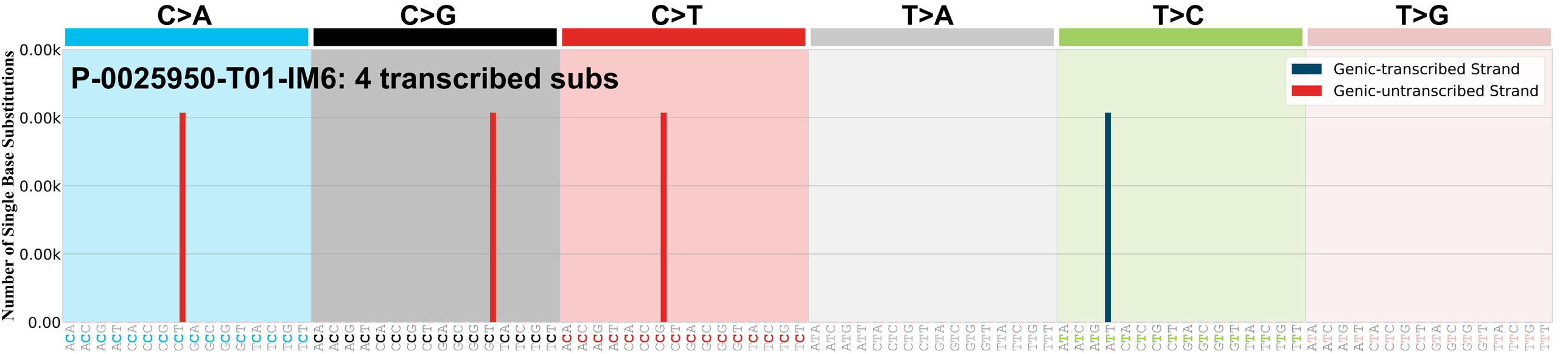
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T>C
T>G
P-0025950-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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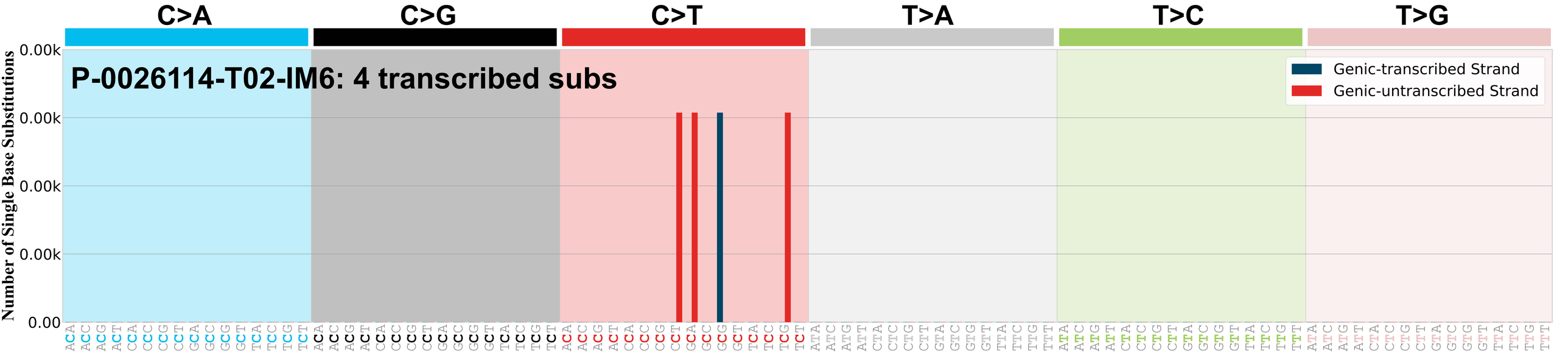
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C>G
C>T
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T>C
T>G
P-0026114-T02-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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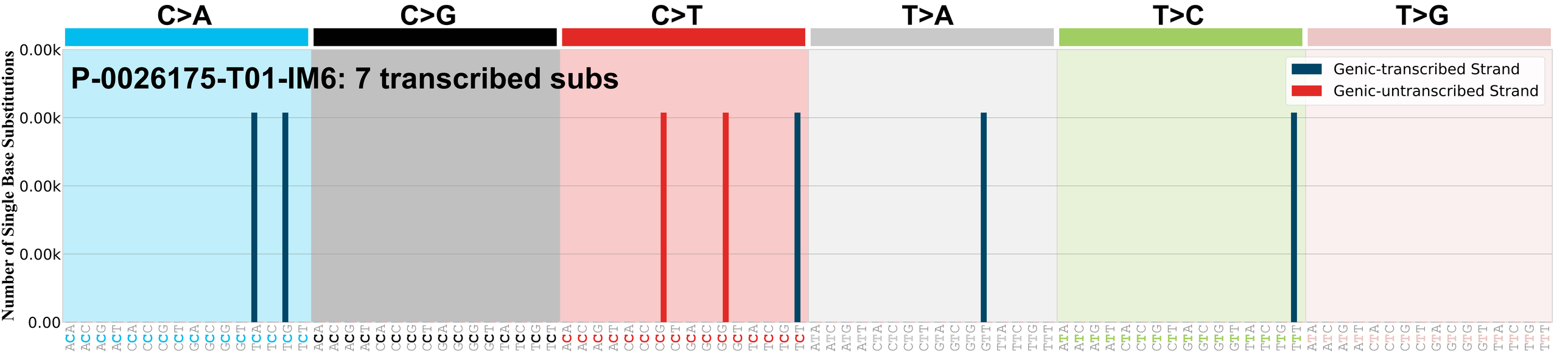
C>A
C>G
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T>C
T>G
P-0026175-T01-IM6: 7 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
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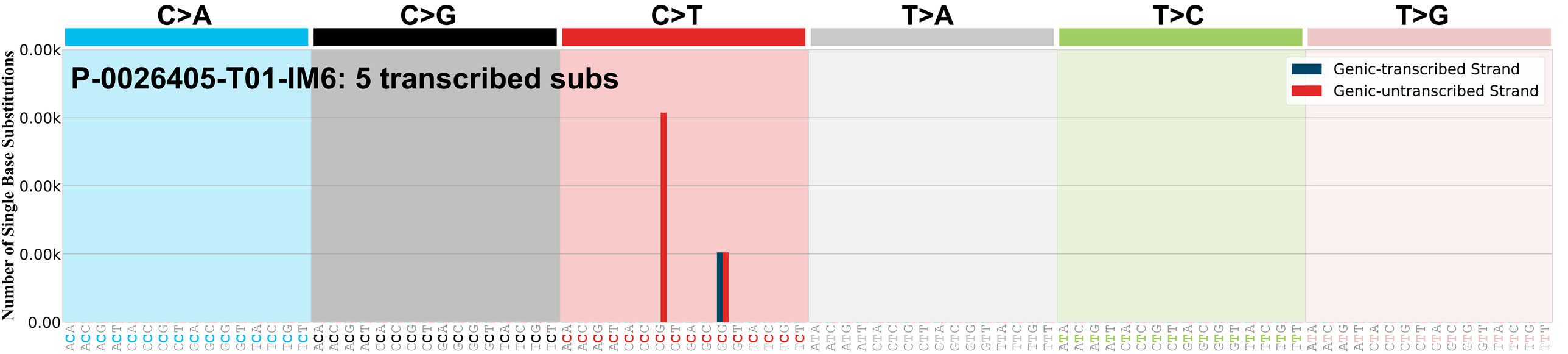
C>A
C>G
C>T
T>A
T>C
T>G
P-0026405-T01-IM6: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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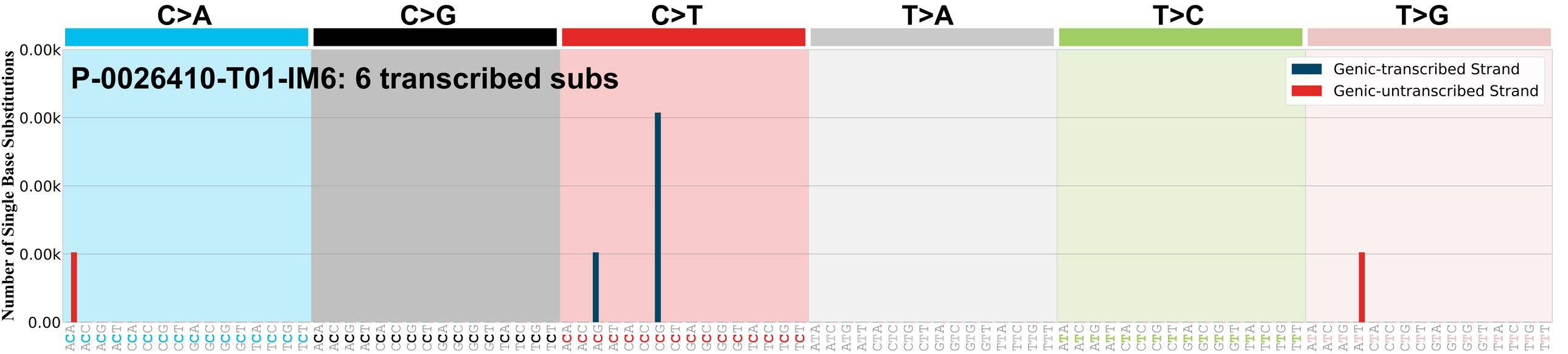
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0026410-T01-IM6: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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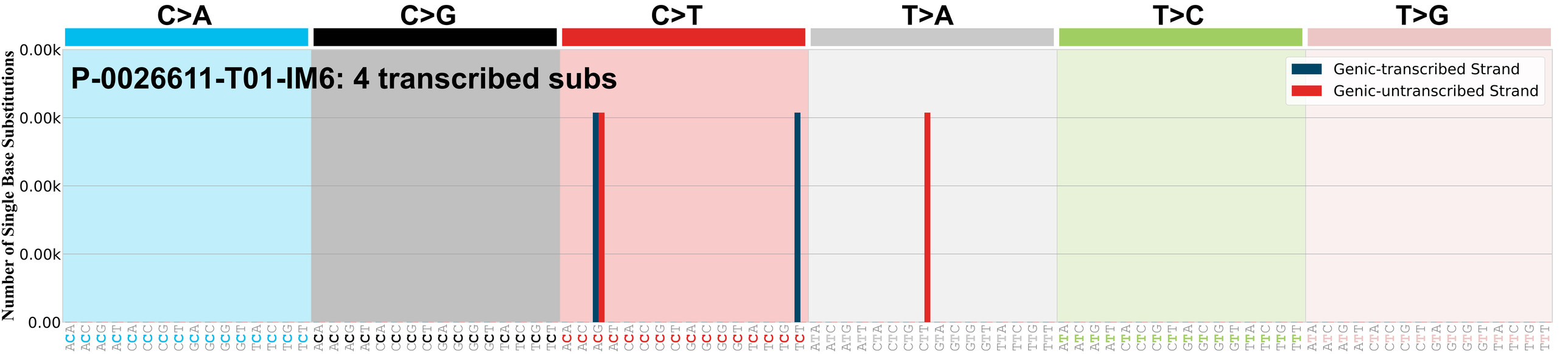
0.00k
0.00k
0.00k
0.00
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC 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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C>G
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T>A
T>C
T>G
P-0026611-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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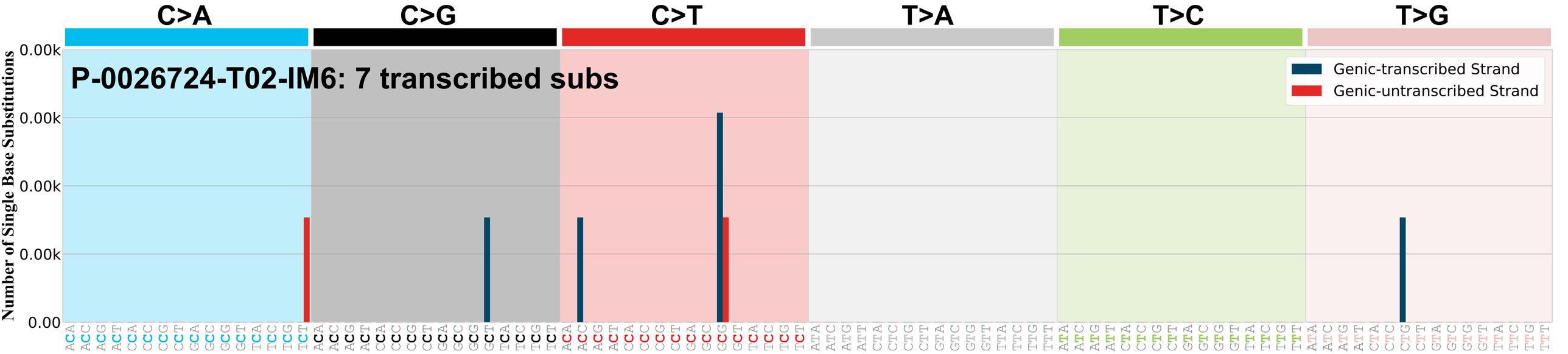
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T>C
T>G
P-0026724-T02-IM6: 7 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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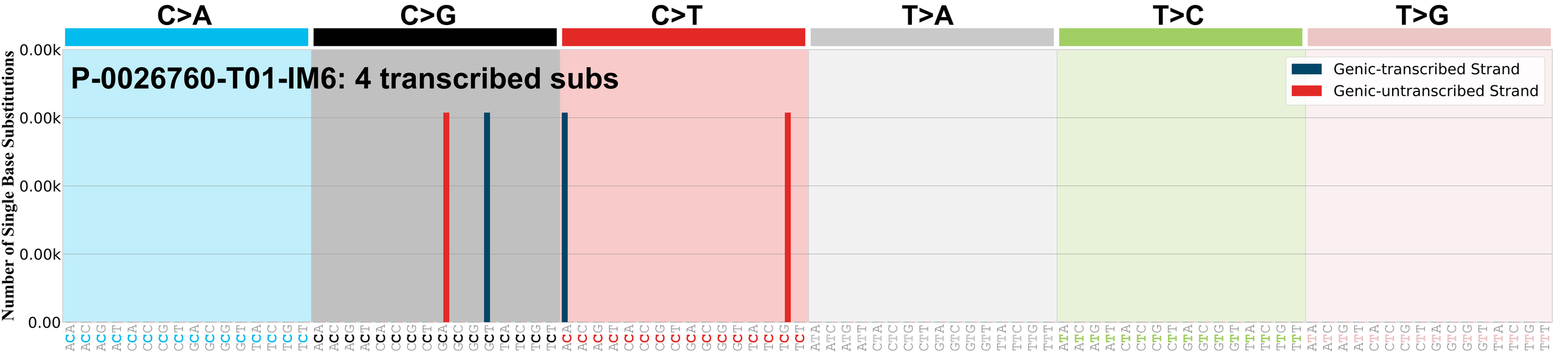
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T>C
T>G
P-0026760-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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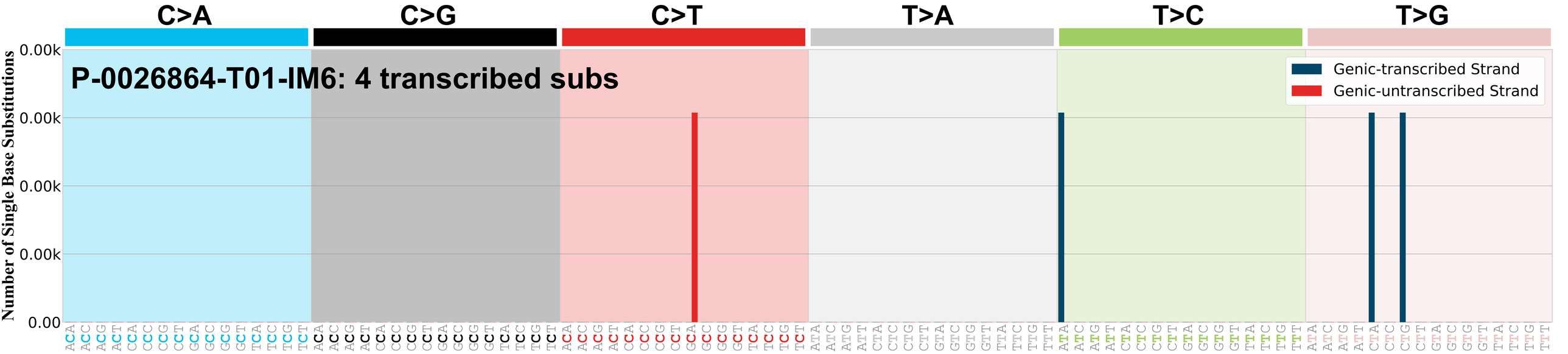
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C>T
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T>C
T>G
P-0026864-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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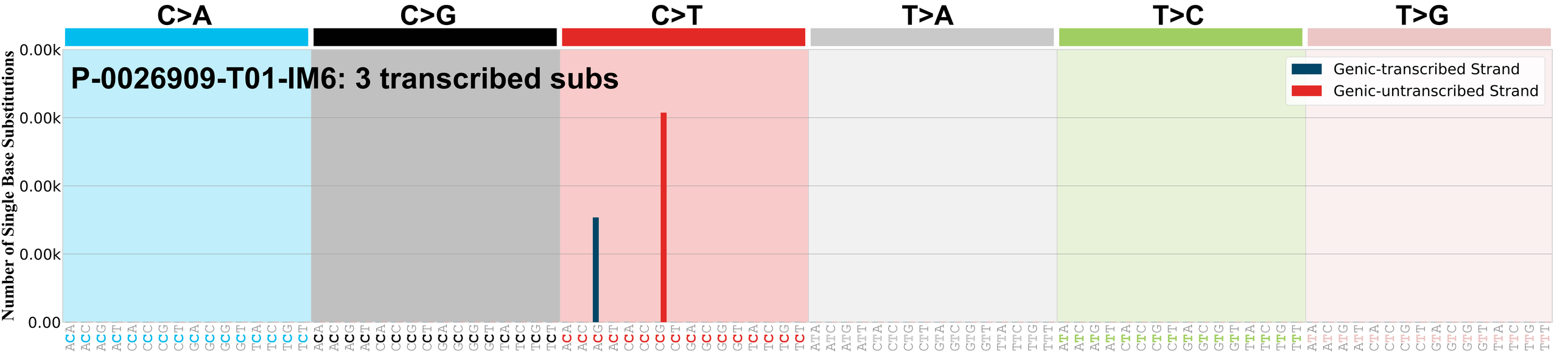
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C>G
C>T
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T>C
T>G
P-0026909-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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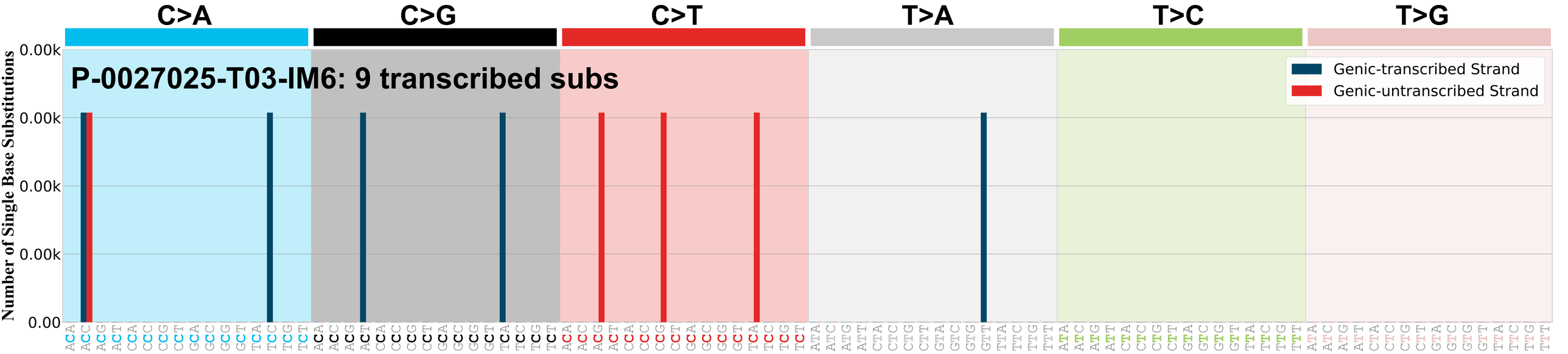
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C>T
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T>C
T>G
P-0027025-T03-IM6: 9 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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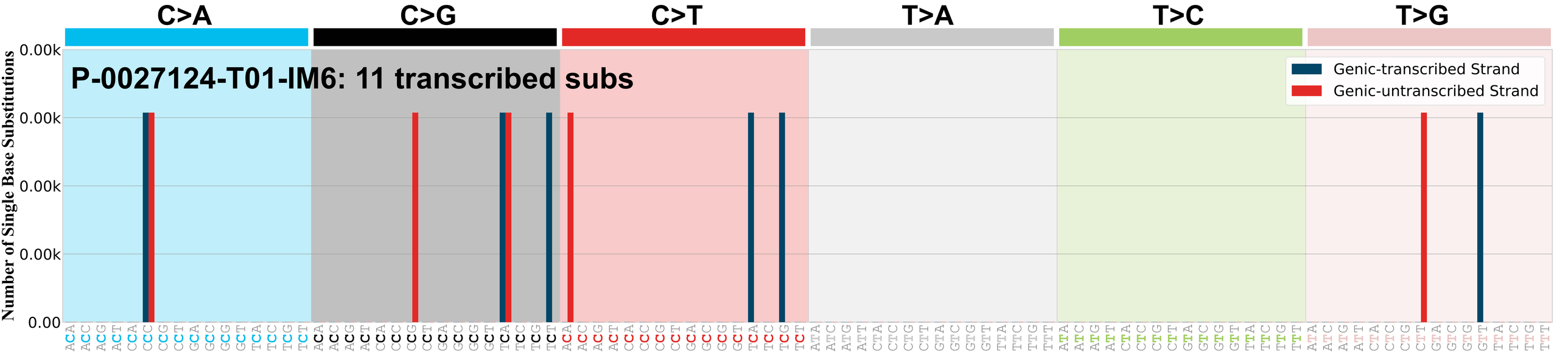
C>A
C>G
C>T
T>A
T>C
T>G
P-0027124-T01-IM6: 11 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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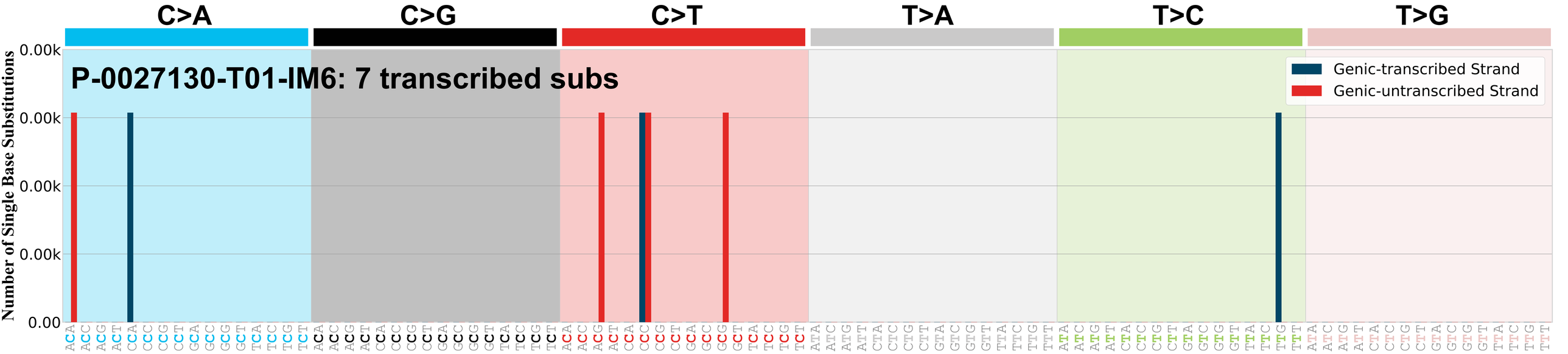
C>A
C>G
C>T
T>A
T>C
T>G
P-0027130-T01-IM6: 7 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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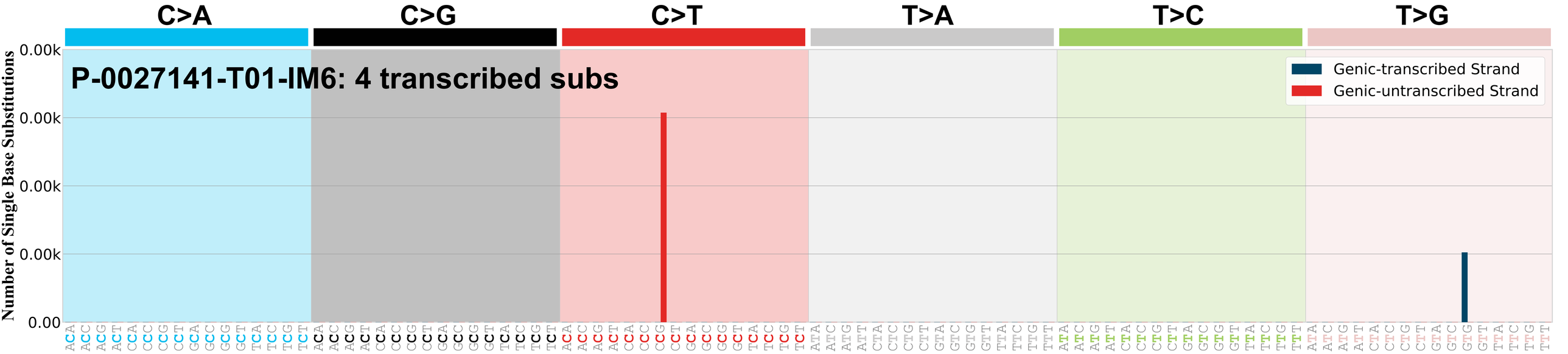
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C>T
T>A
T>C
T>G
P-0027141-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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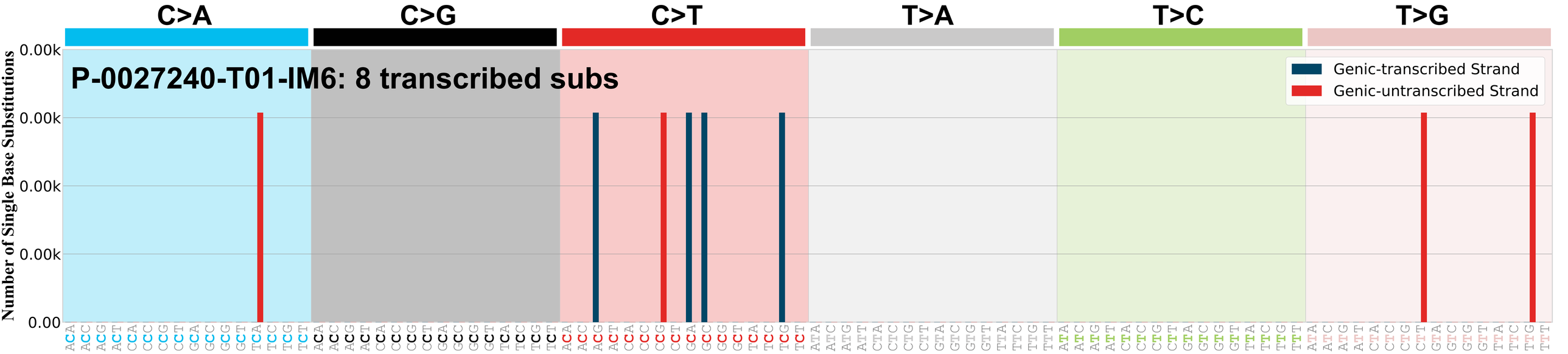
C>A
C>G
C>T
T>A
T>C
T>G
P-0027240-T01-IM6: 8 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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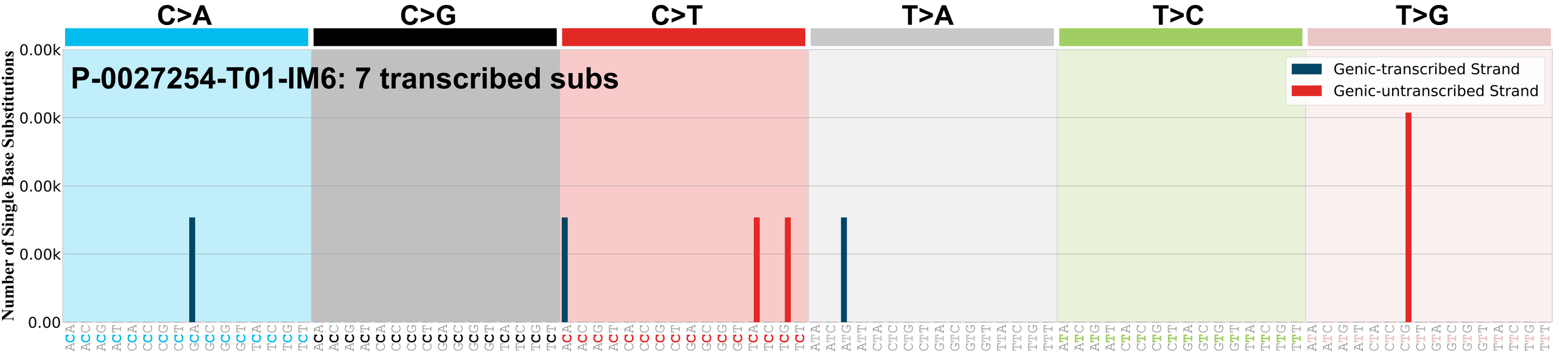
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T>C
T>G
P-0027254-T01-IM6: 7 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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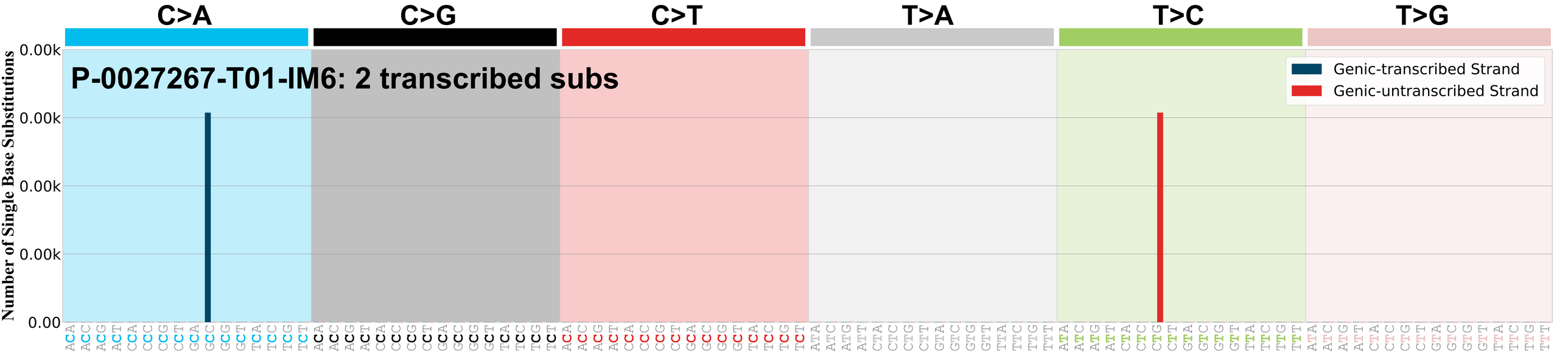
C>A
C>G
C>T
T>A
T>C
T>G
P-0027267-T01-IM6: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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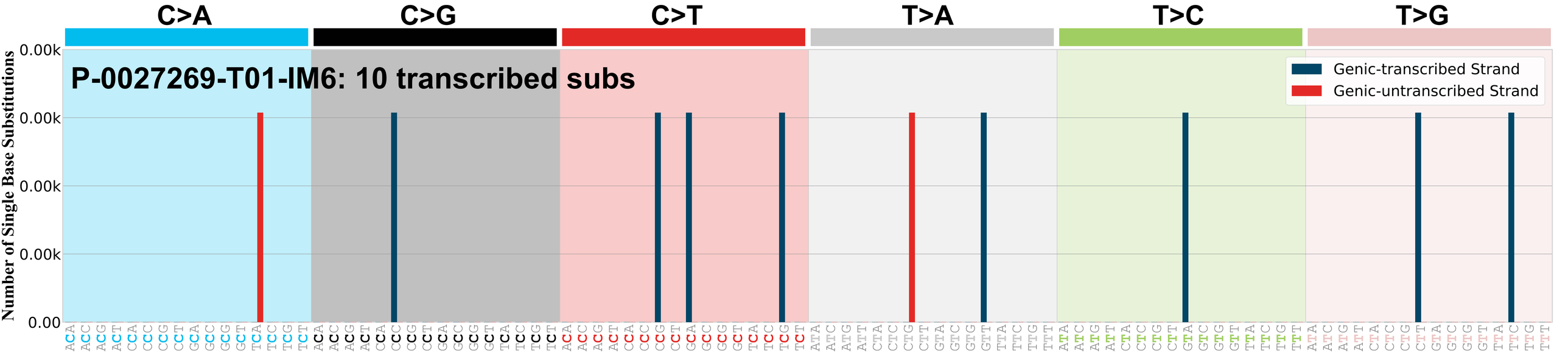
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C>G
C>T
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T>C
T>G
P-0027269-T01-IM6: 10 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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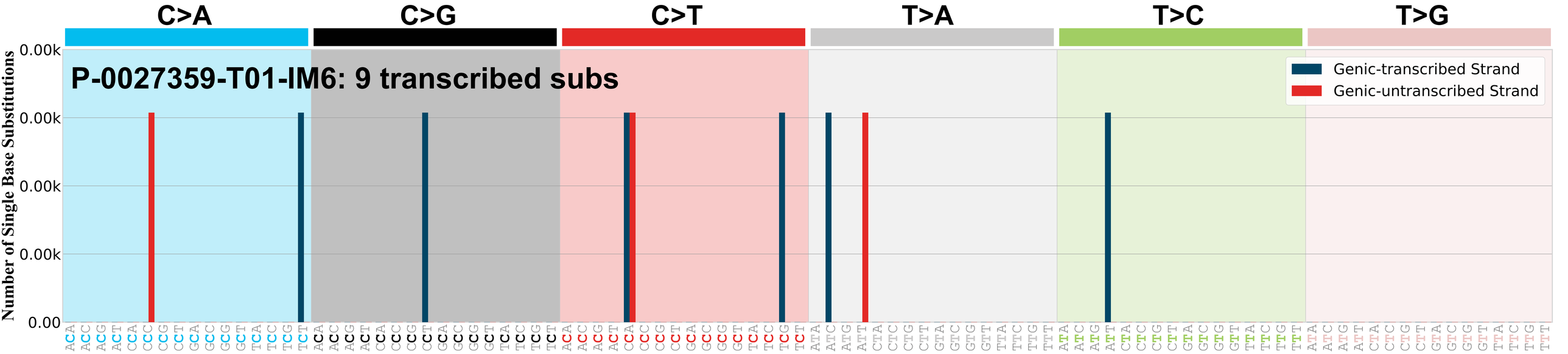
C>A
C>G
C>T
T>A
T>C
T>G
P-0027359-T01-IM6: 9 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
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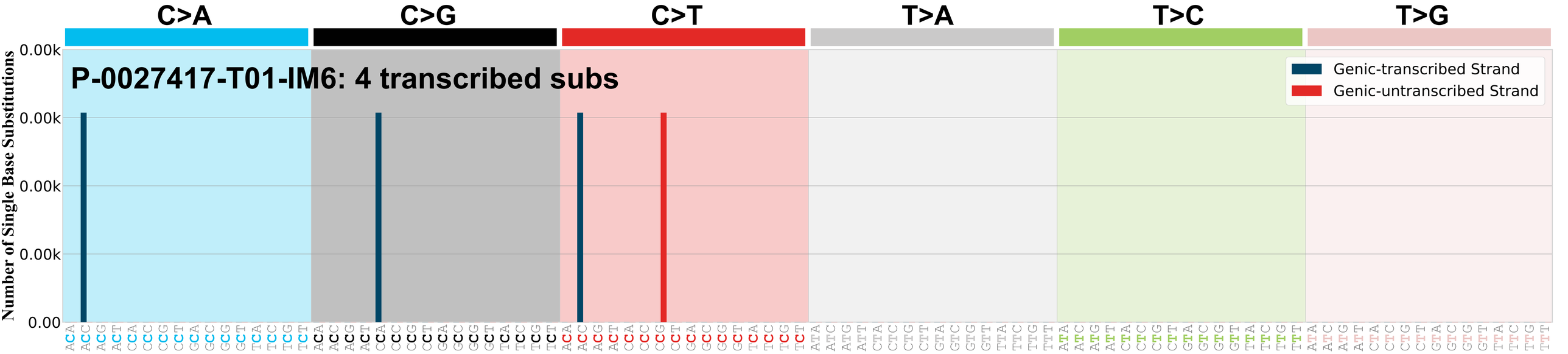
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T>G
P-0027417-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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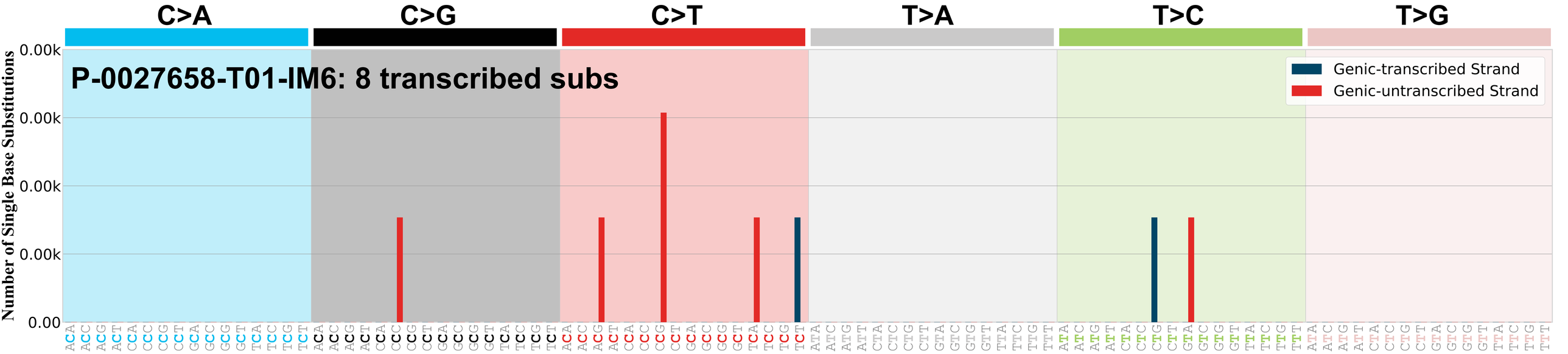
C>A
C>G
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T>C
T>G
P-0027658-T01-IM6: 8 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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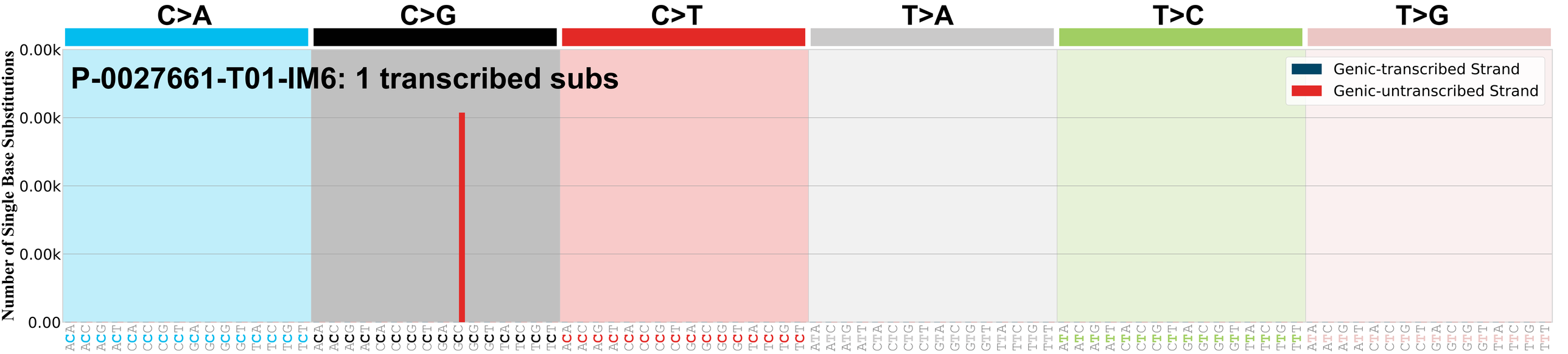
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C>G
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T>C
T>G
P-0027661-T01-IM6: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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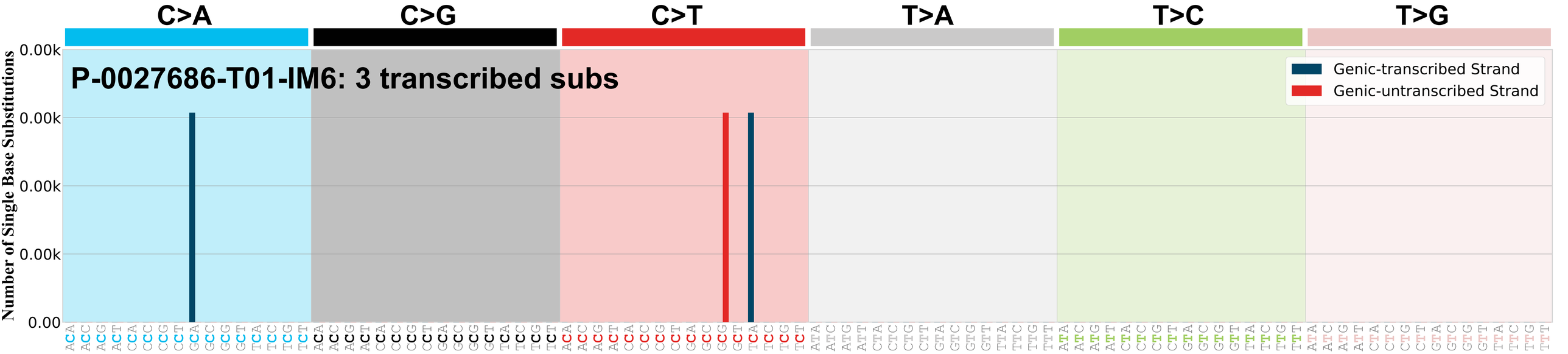
C>A
C>G
C>T
T>A
T>C
T>G
P-0027686-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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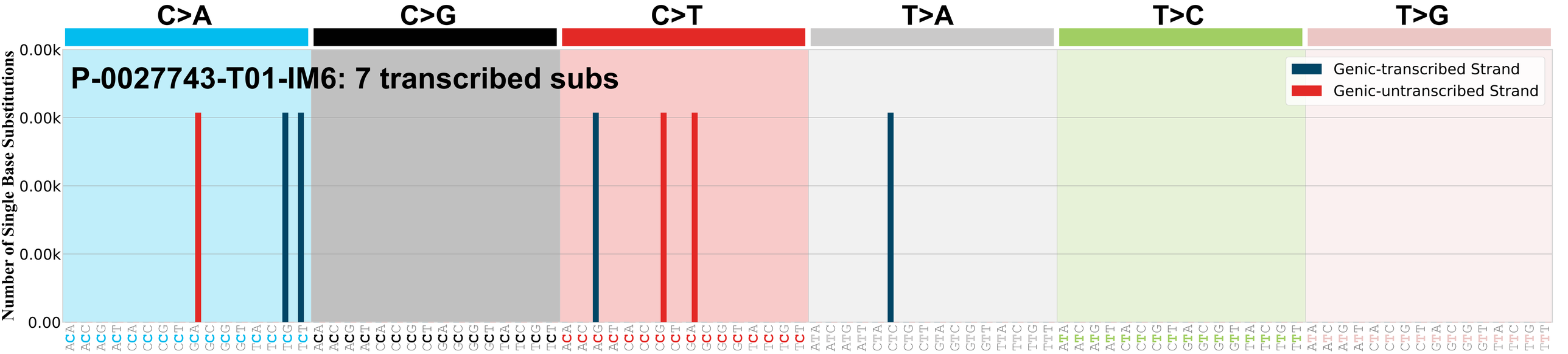
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T>C
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P-0027743-T01-IM6: 7 transcribed subs
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Number of Single Base Substitutions
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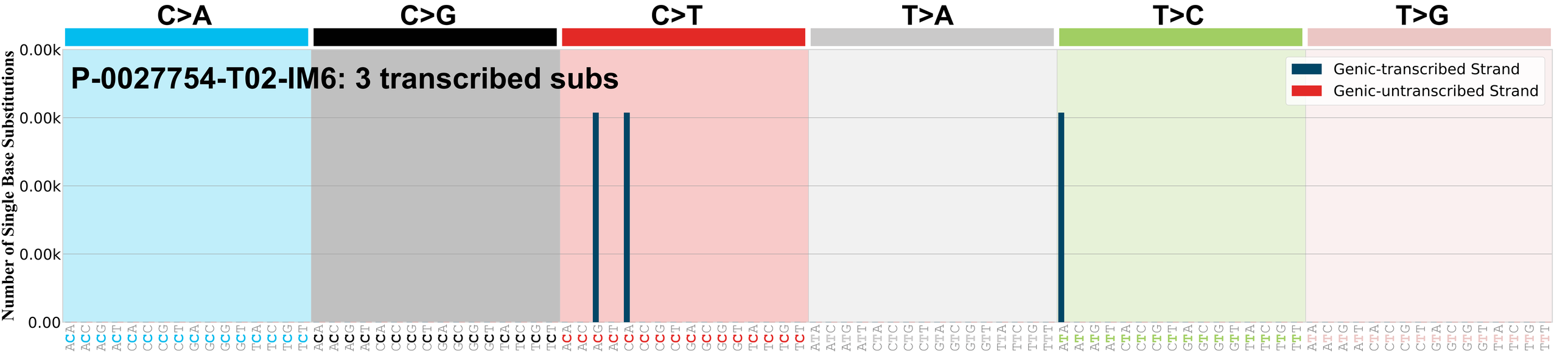
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P-0027754-T02-IM6: 3 transcribed subs
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Number of Single Base Substitutions
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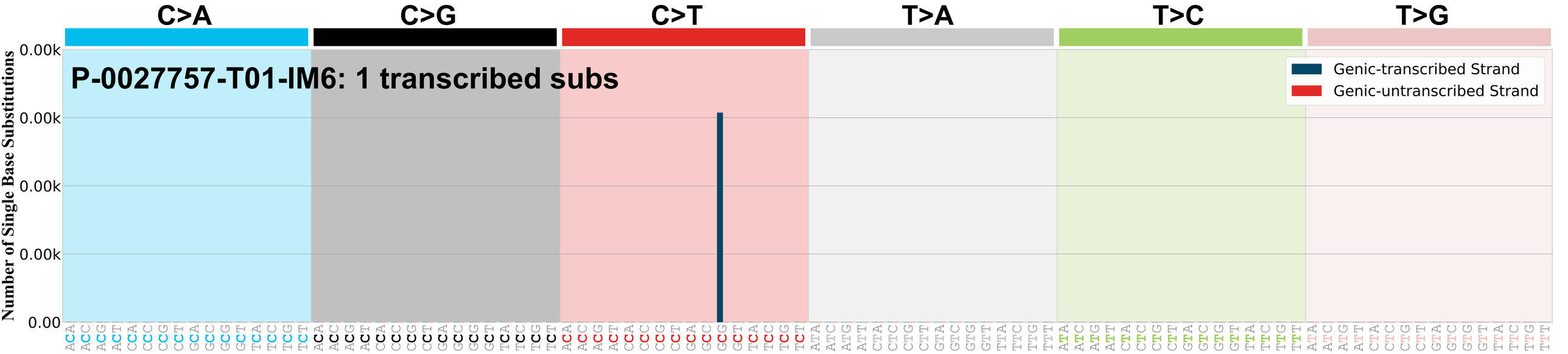
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T>C
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P-0027757-T01-IM6: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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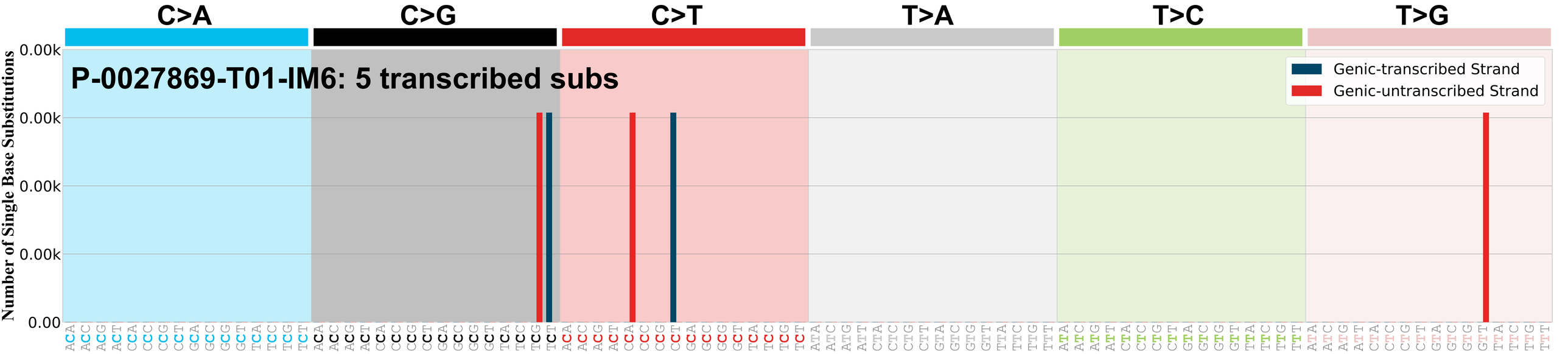
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P-0027869-T01-IM6: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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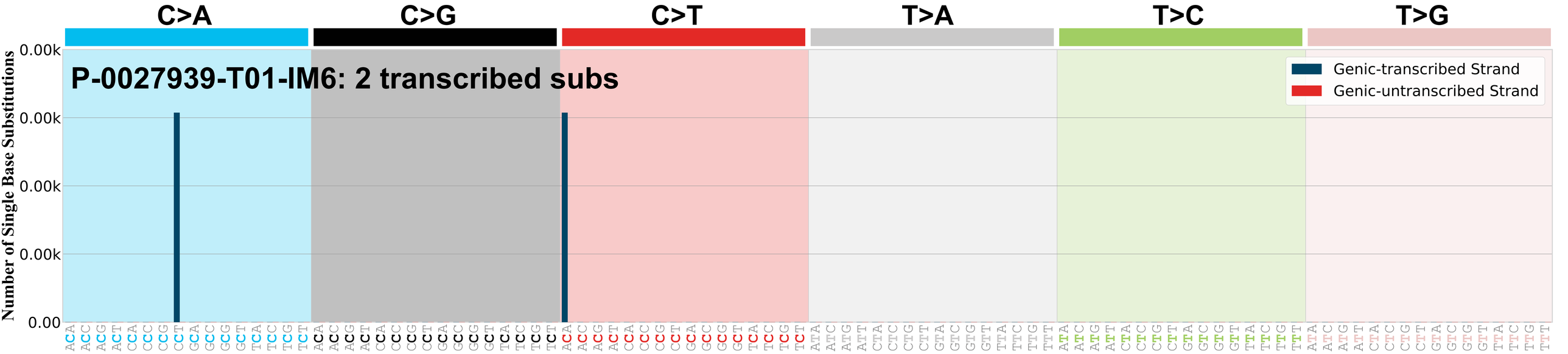
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P-0027939-T01-IM6: 2 transcribed subs
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Genic-untranscribed Strand
Number of Single Base Substitutions
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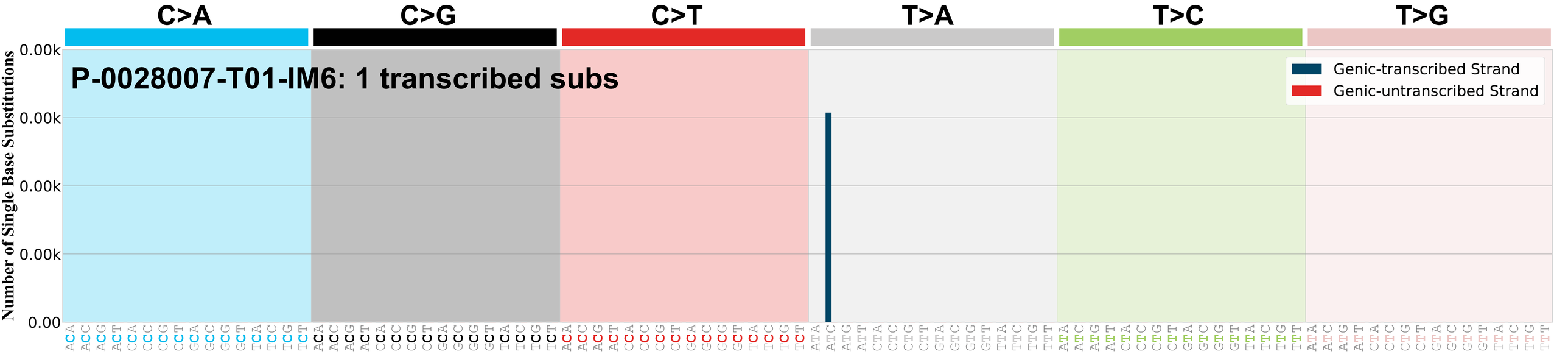
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T>G
P-0028007-T01-IM6: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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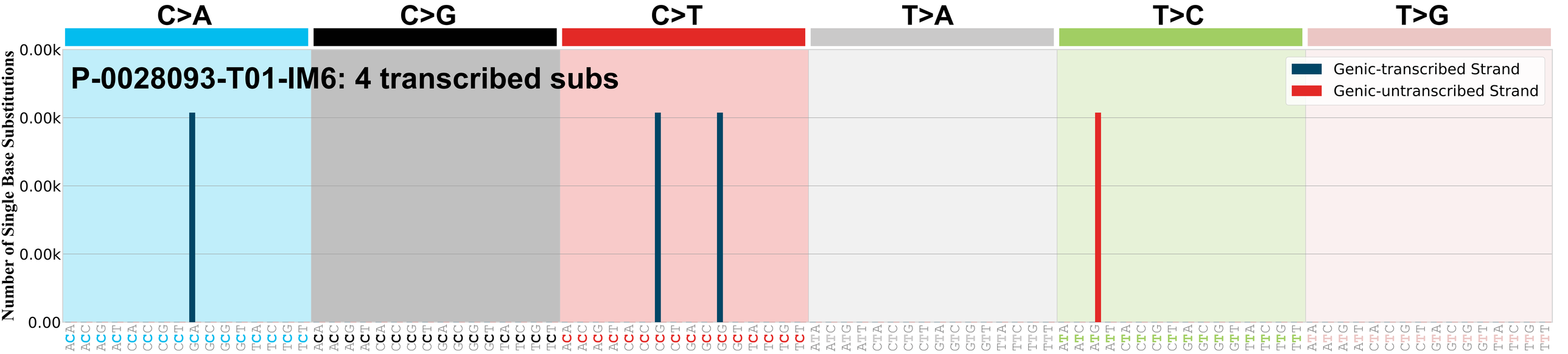
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T>G
P-0028093-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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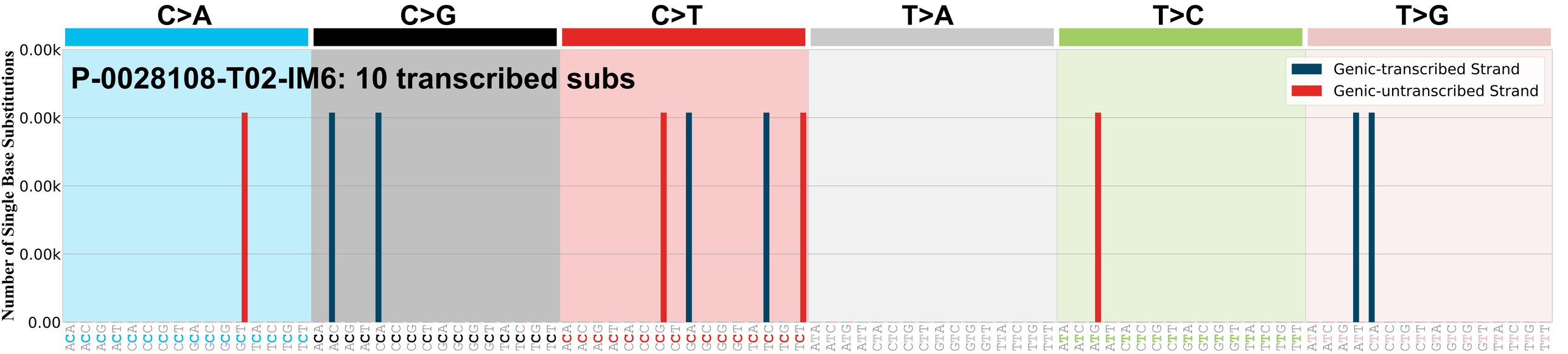
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T>C
T>G
P-0028108-T02-IM6: 10 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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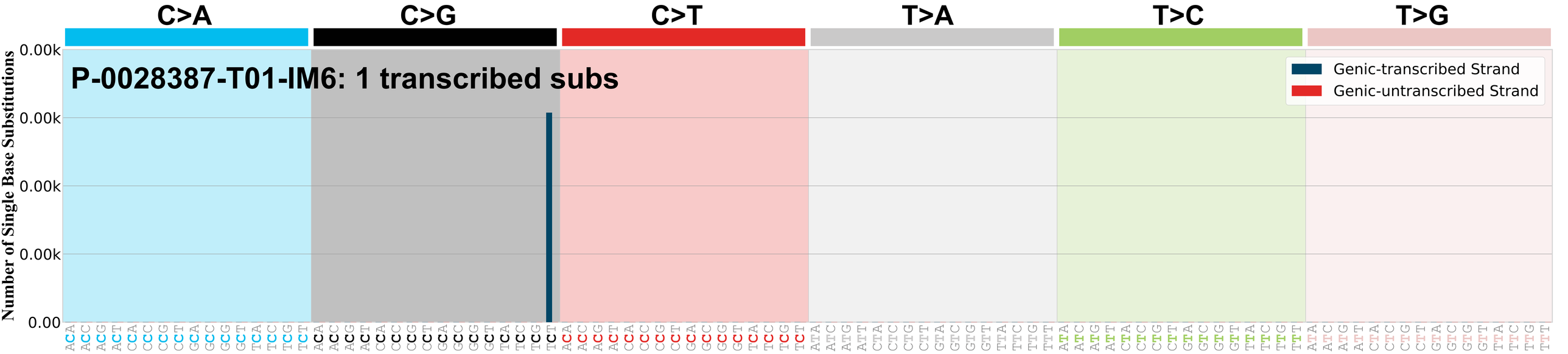
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T>C
T>G
P-0028387-T01-IM6: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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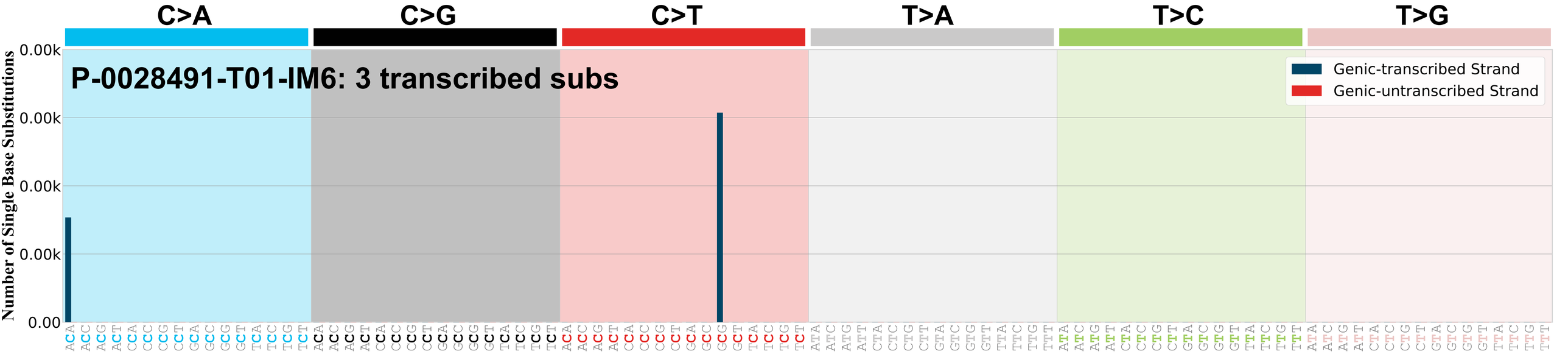
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C>G
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T>A
T>C
T>G
P-0028491-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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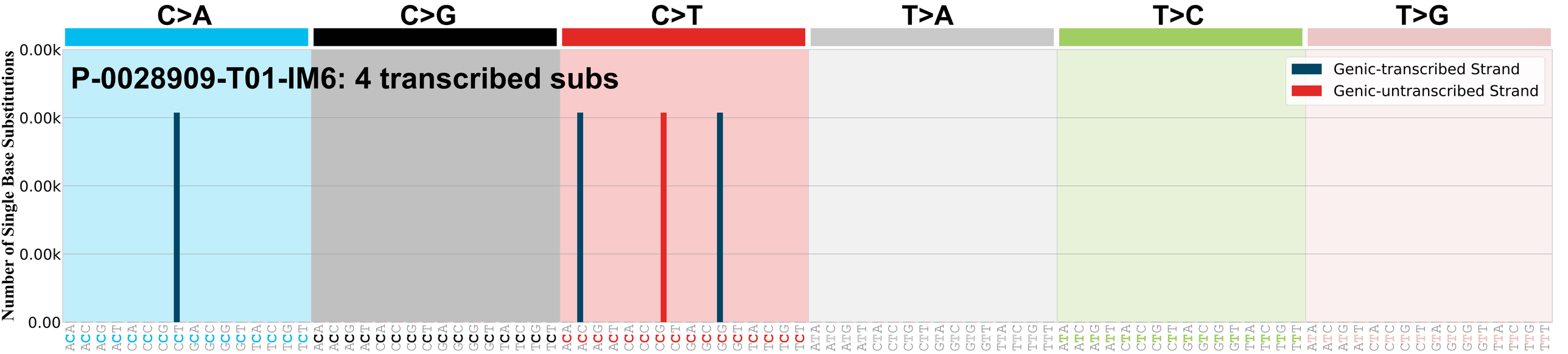
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T>C
T>G
P-0028909-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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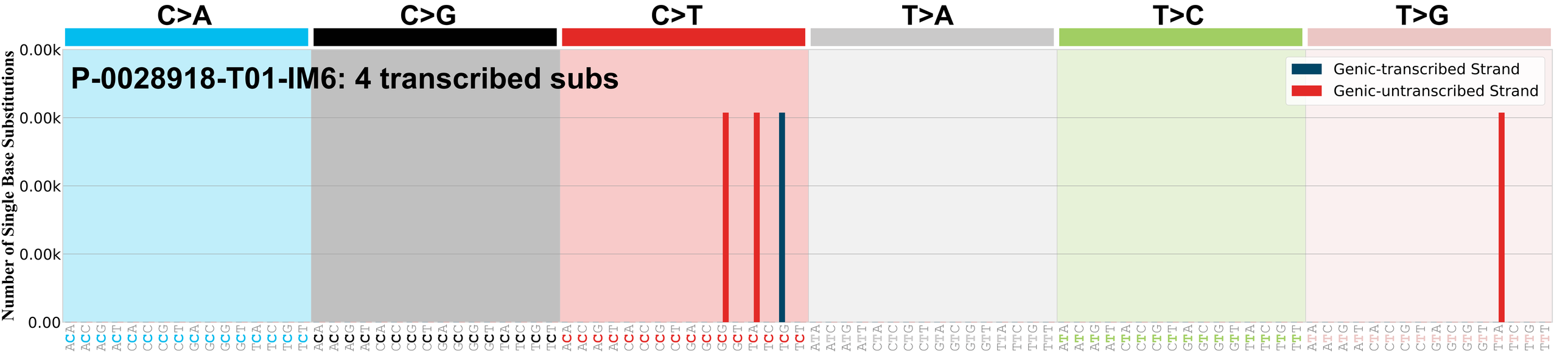
C>A
C>G
C>T
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T>C
T>G
P-0028918-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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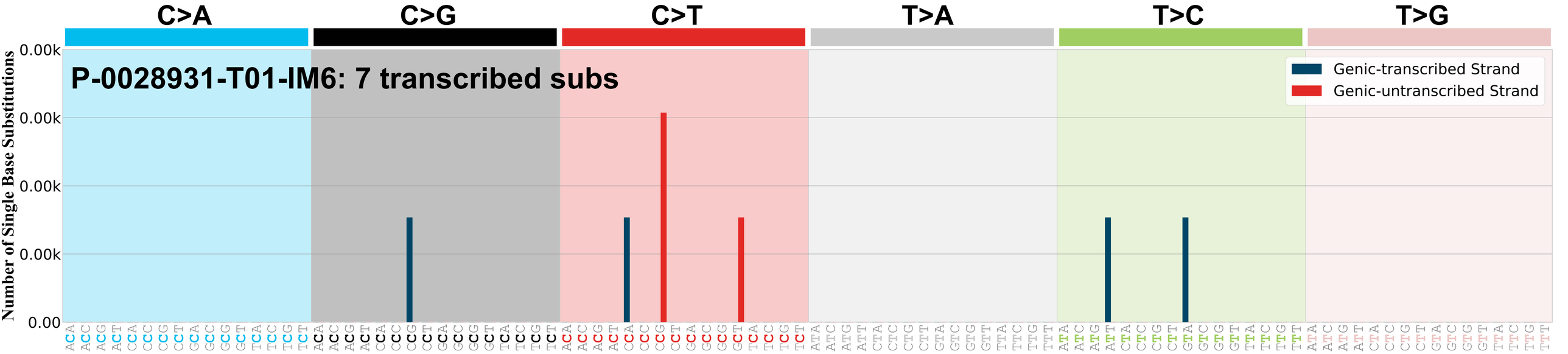
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C>G
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T>C
T>G
P-0028931-T01-IM6: 7 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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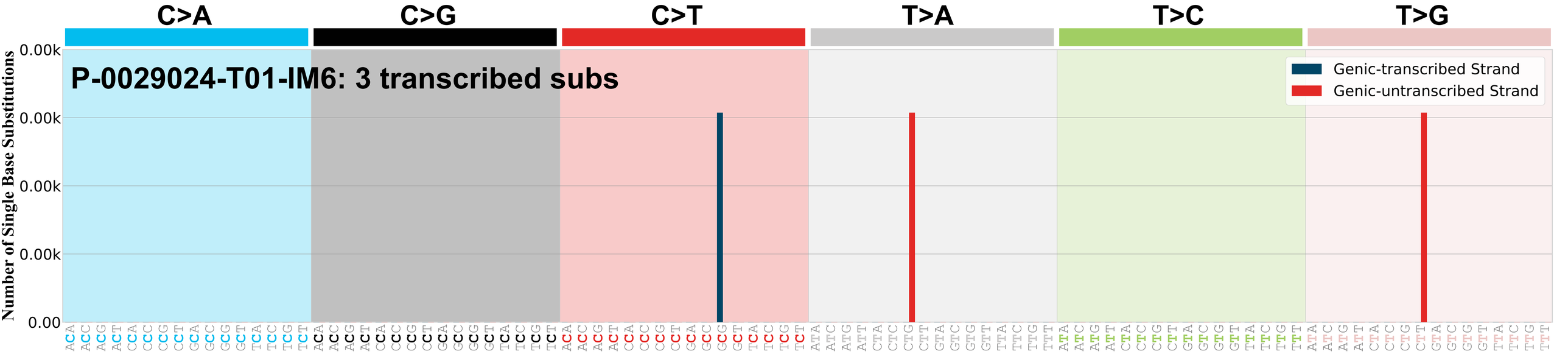
0.00k
0.00k
0.00k
0.00
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC 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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C>T
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T>C
T>G
P-0029024-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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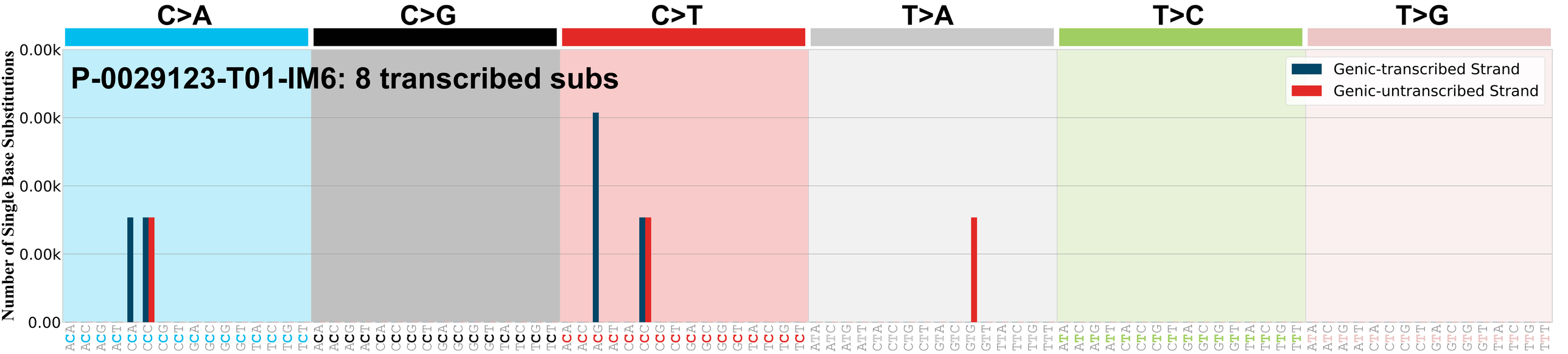
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C>G
C>T
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T>C
T>G
P-0029123-T01-IM6: 8 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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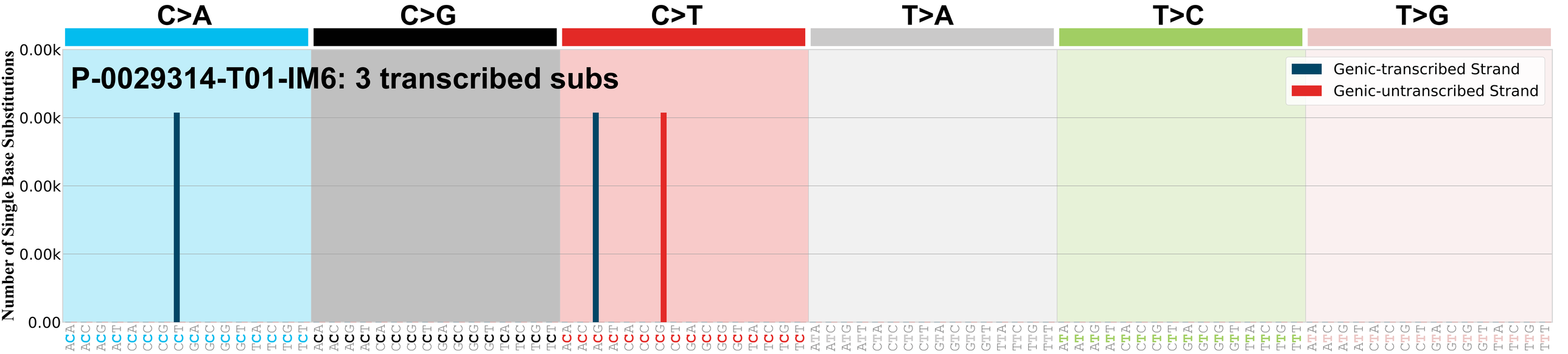
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T>C
T>G
P-0029314-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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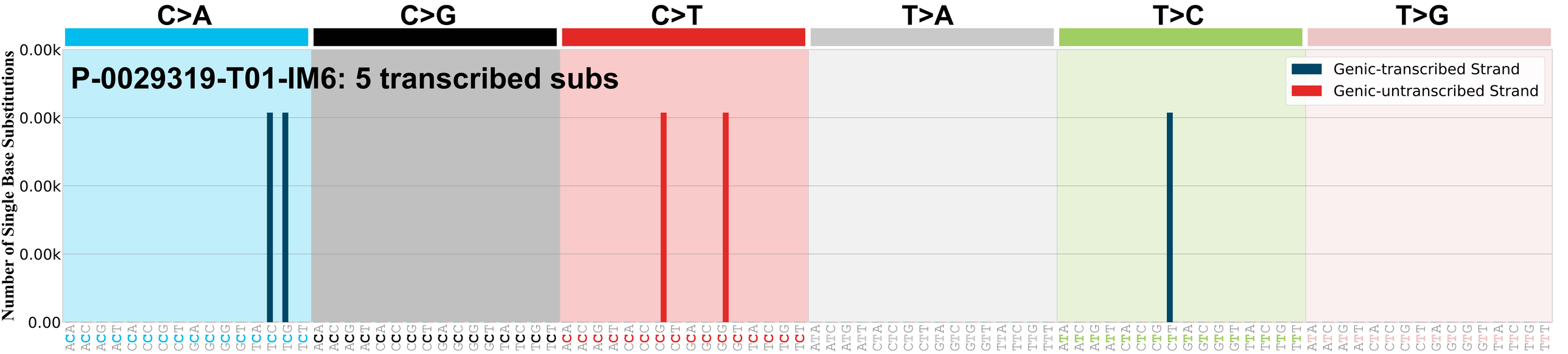
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T>G
P-0029319-T01-IM6: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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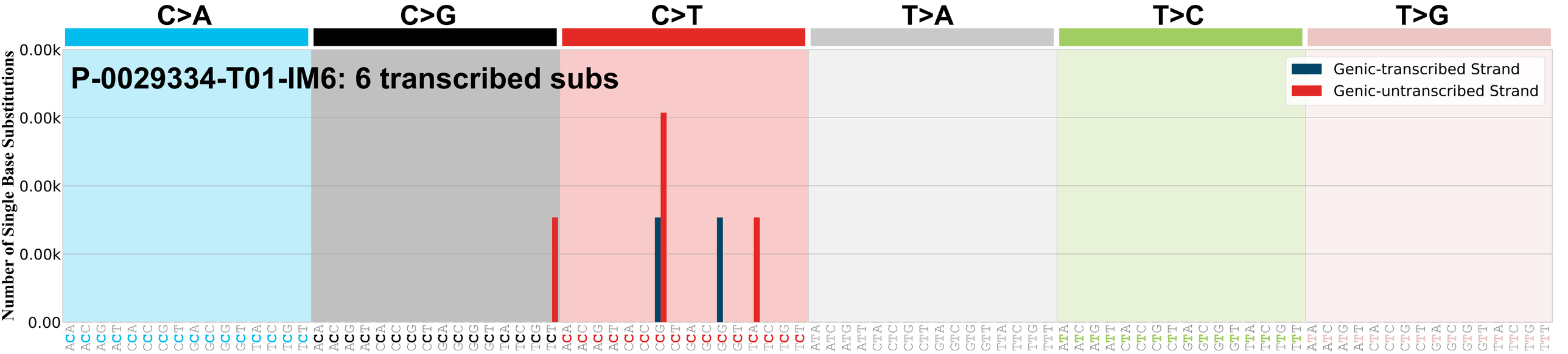
C>A
C>G
C>T
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T>C
T>G
P-0029334-T01-IM6: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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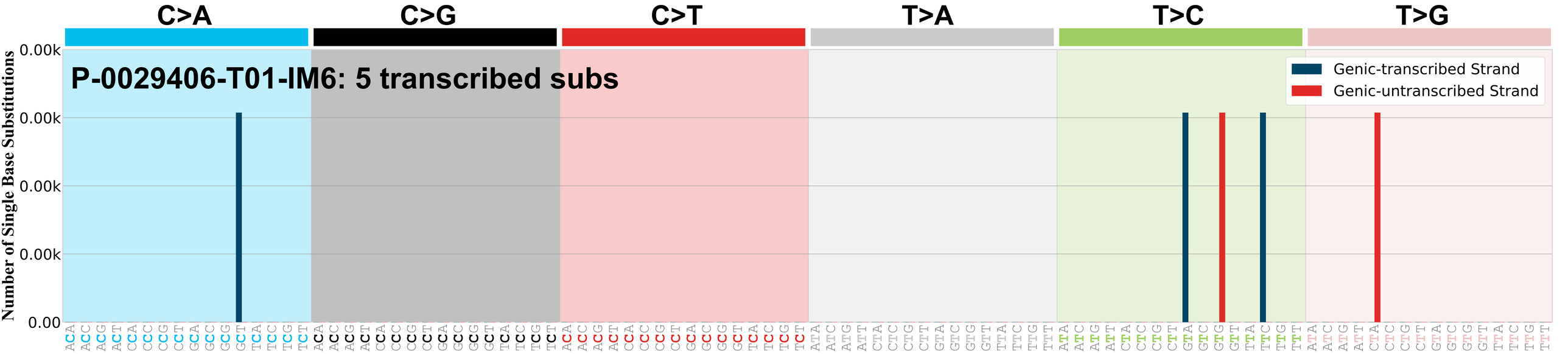
C>A
C>G
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T>A
T>C
T>G
P-0029406-T01-IM6: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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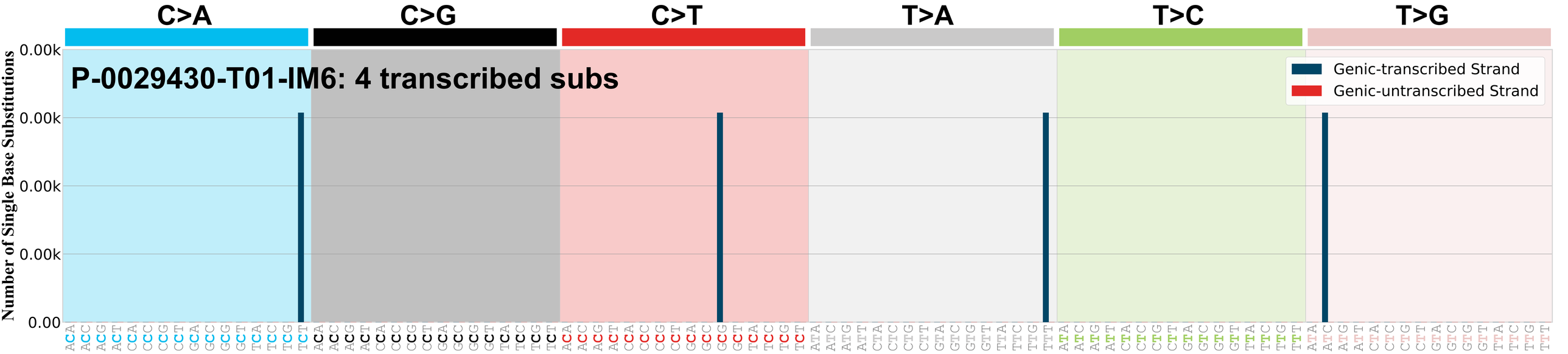
C>A
C>G
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T>C
T>G
P-0029430-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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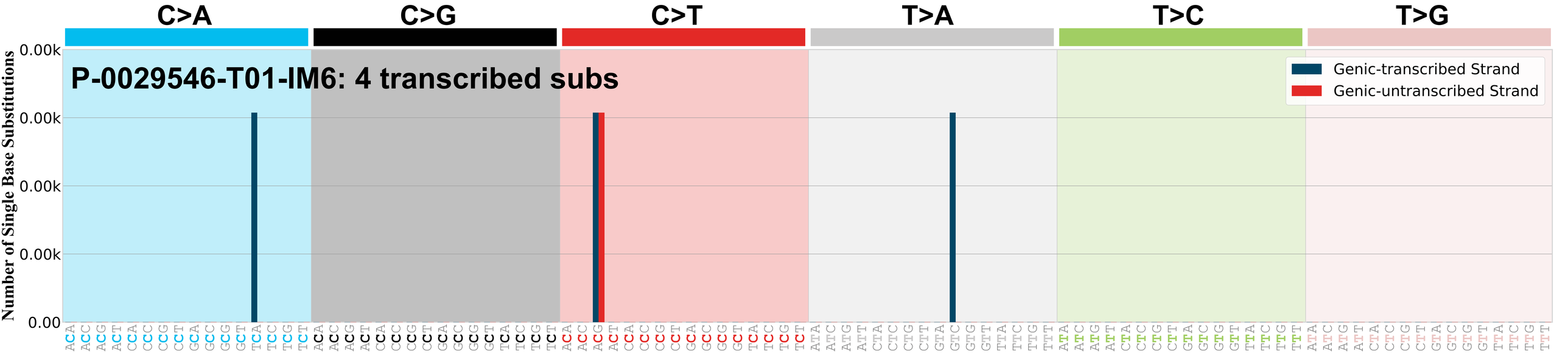
C>A
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C>T
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T>C
T>G
P-0029546-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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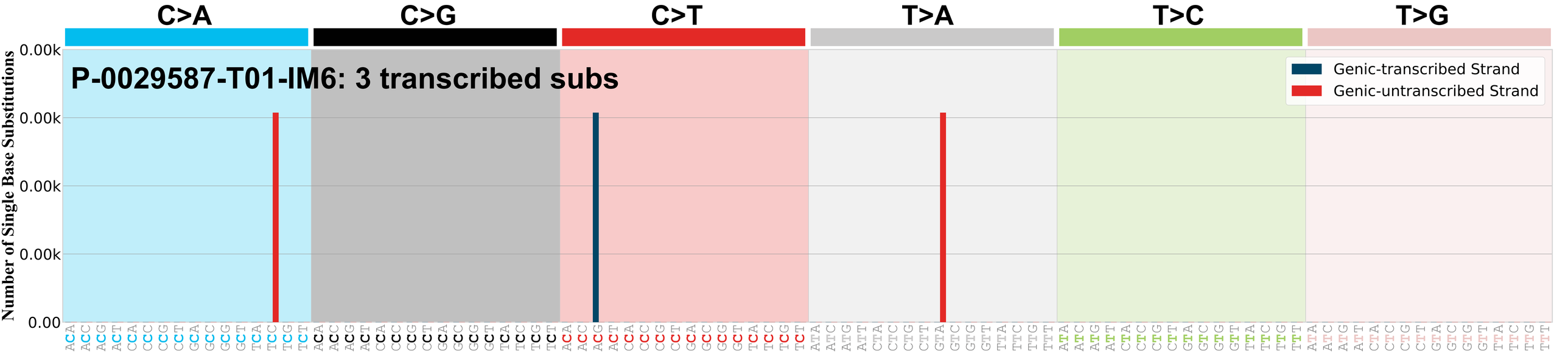
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T>C
T>G
P-0029587-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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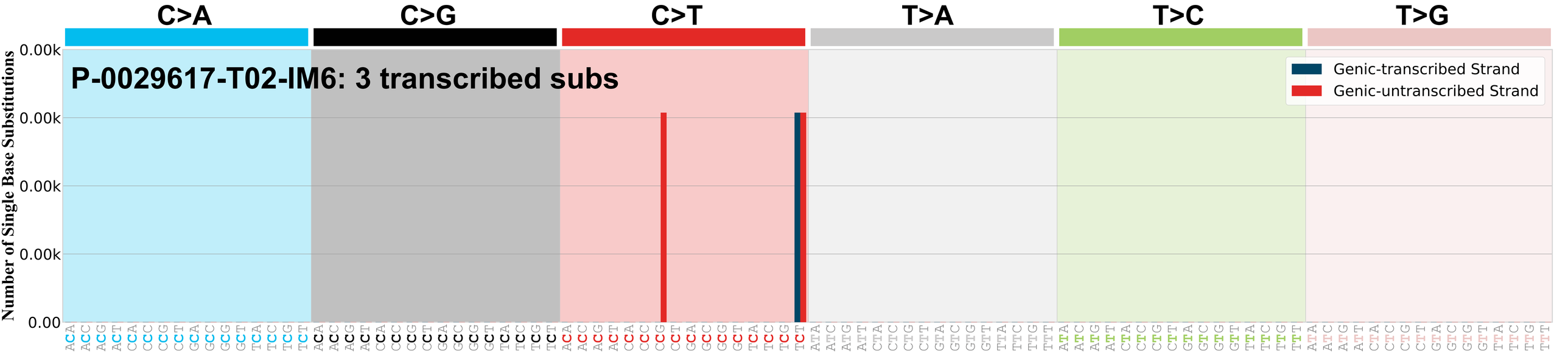
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T>C
T>G
P-0029617-T02-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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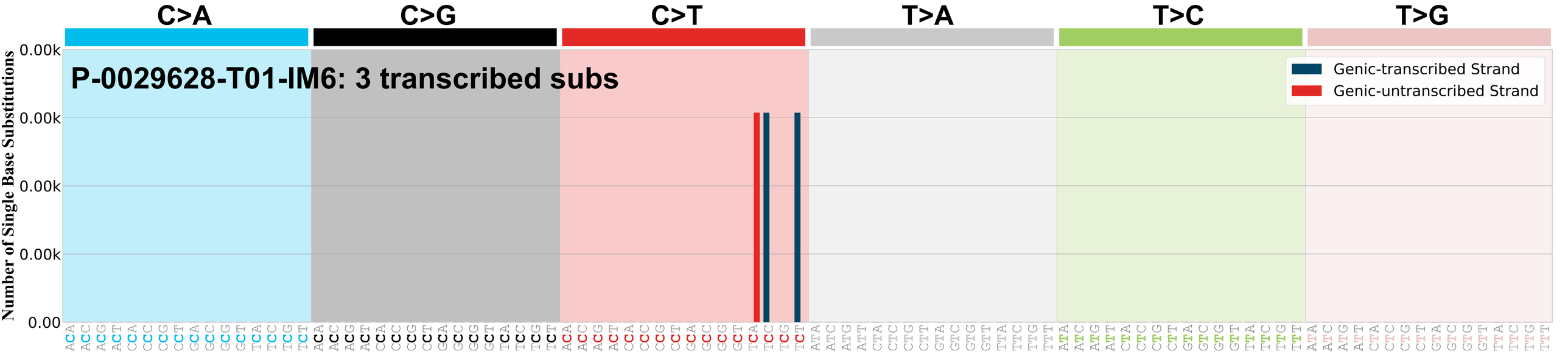
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P-0029628-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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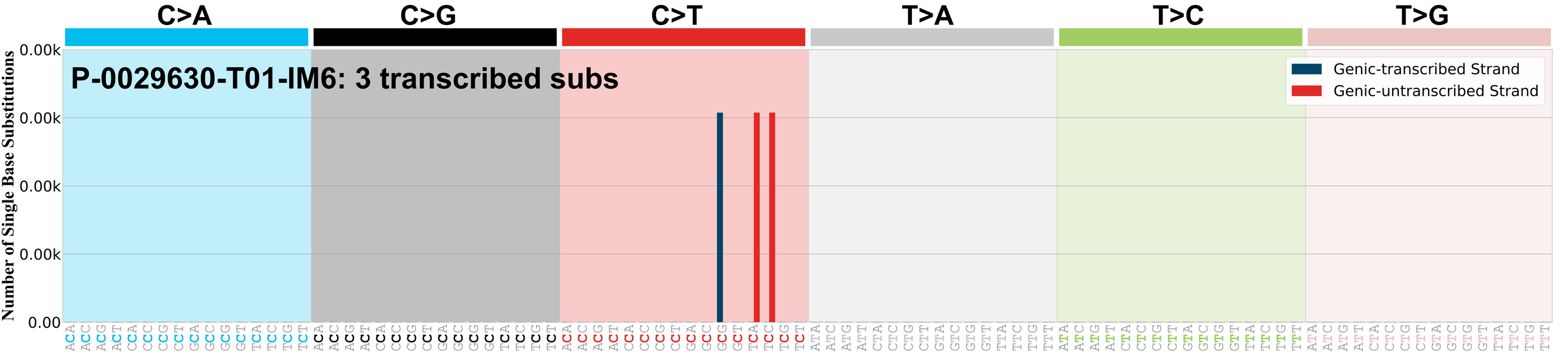
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P-0029630-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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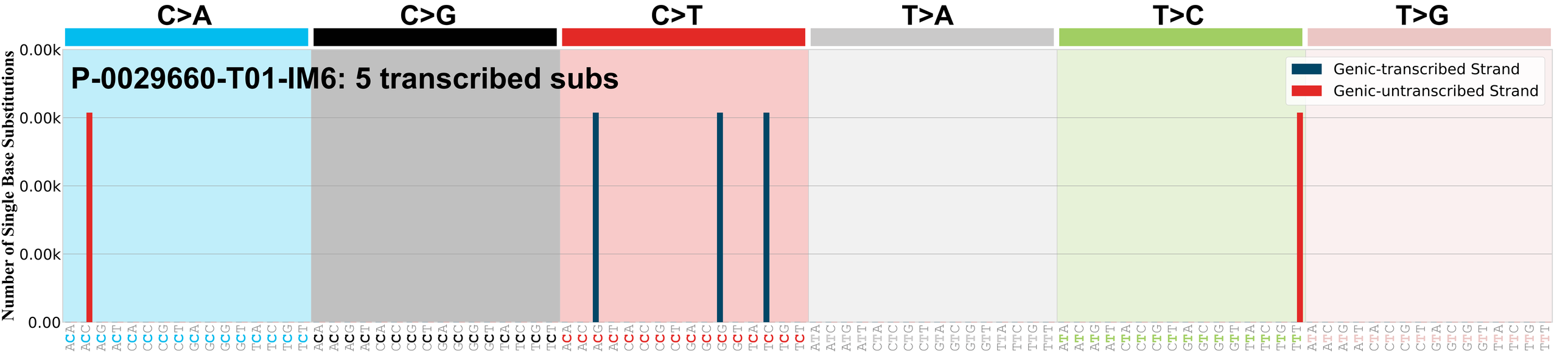
C>A
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T>G
P-0029660-T01-IM6: 5 transcribed subs
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Genic-untranscribed Strand
Number of Single Base Substitutions
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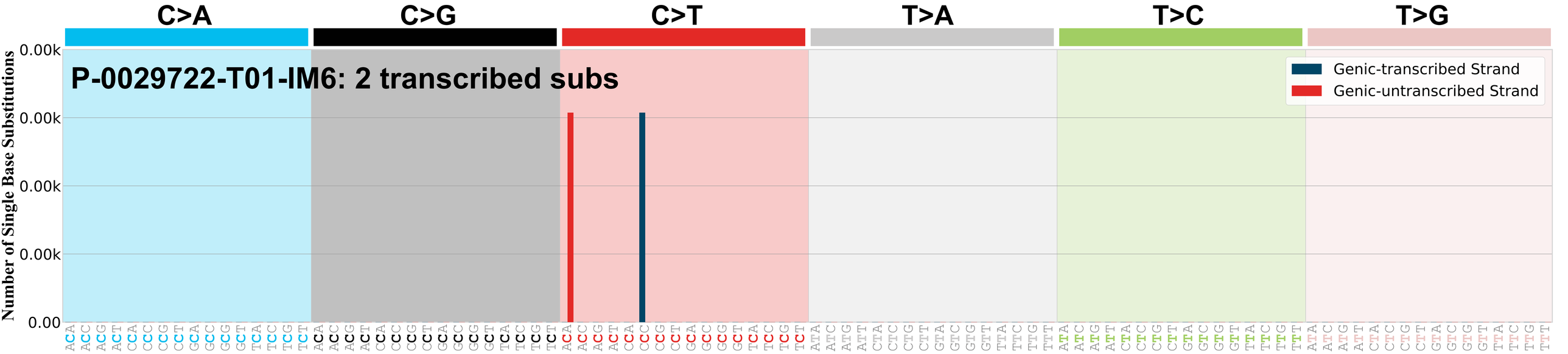
C>A
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T>G
P-0029722-T01-IM6: 2 transcribed subs
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Genic-untranscribed Strand
Number of Single Base Substitutions
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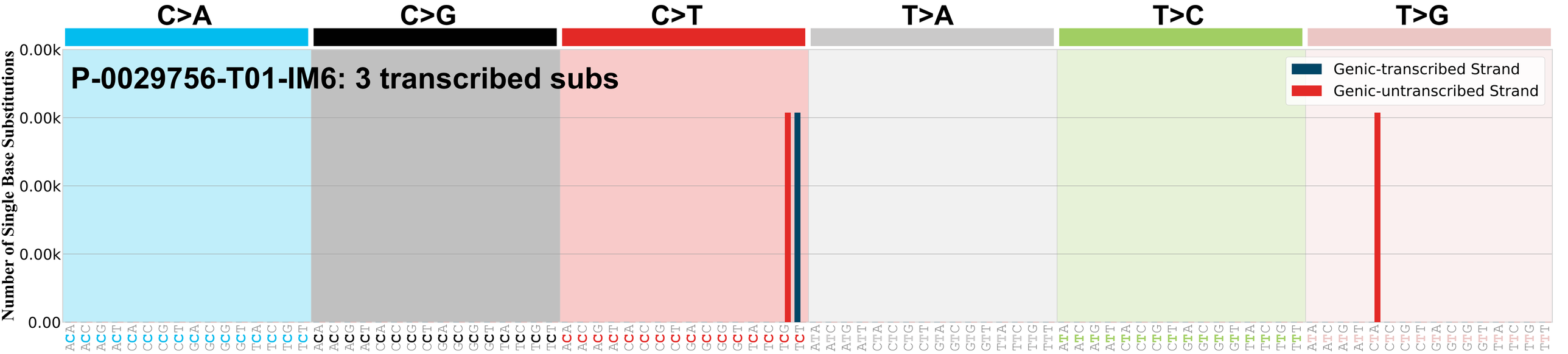
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T>C
T>G
P-0029756-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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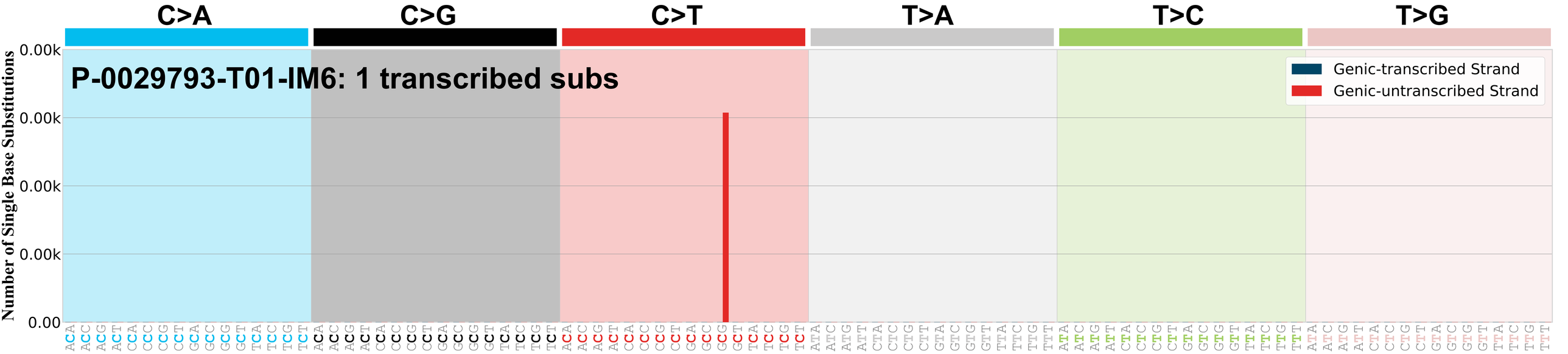
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T>C
T>G
P-0029793-T01-IM6: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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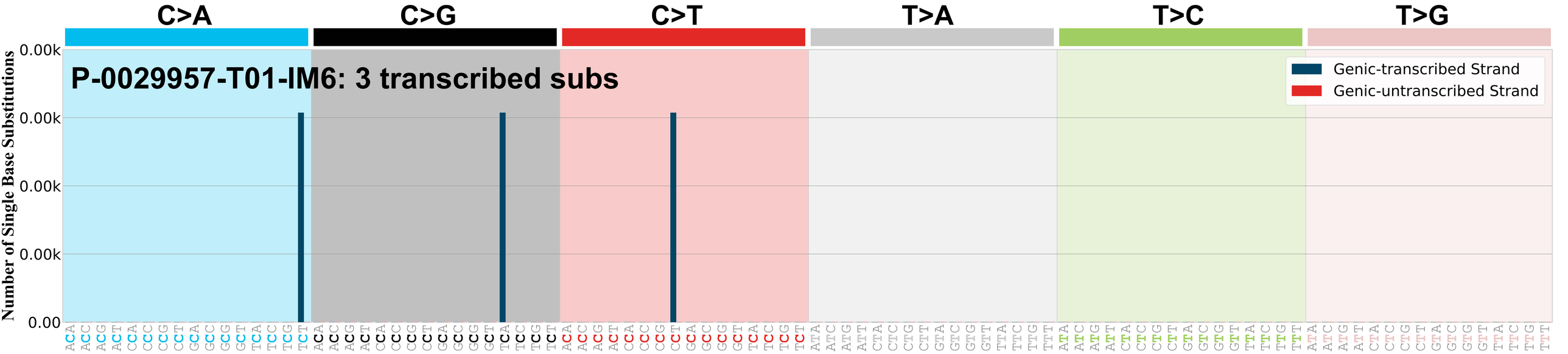
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P-0029957-T01-IM6: 3 transcribed subs
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Genic-untranscribed Strand
Number of Single Base Substitutions
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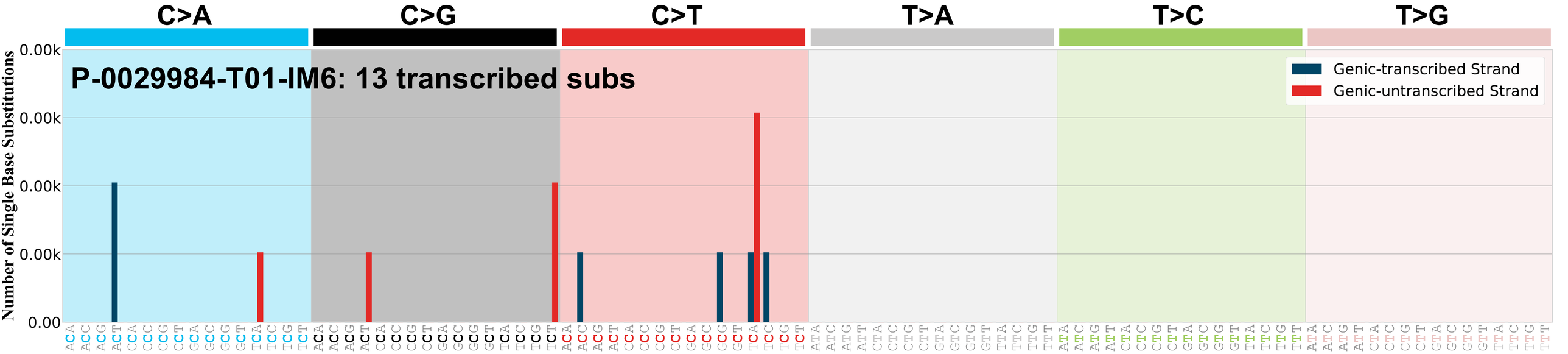
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P-0029984-T01-IM6: 13 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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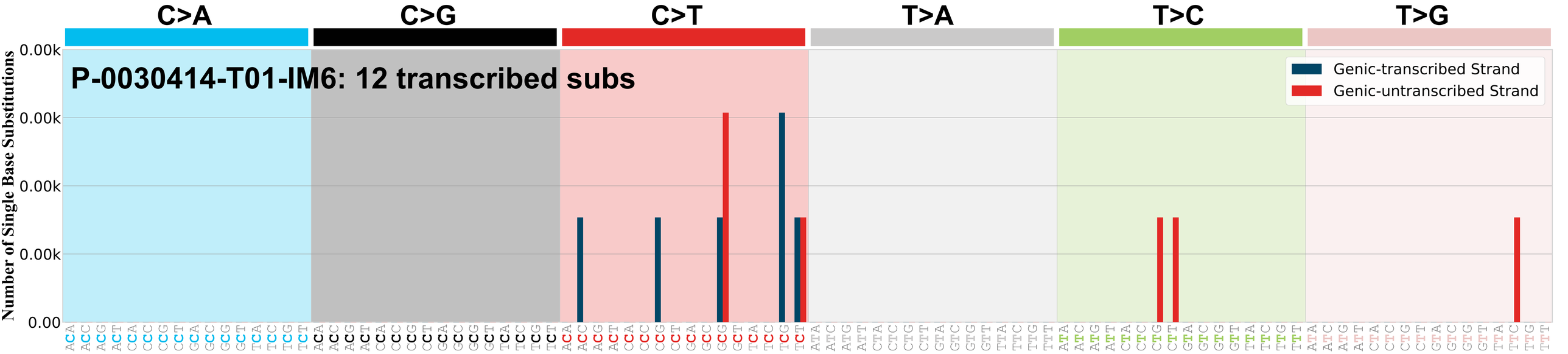
C>A
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T>C
T>G
P-0030414-T01-IM6: 12 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
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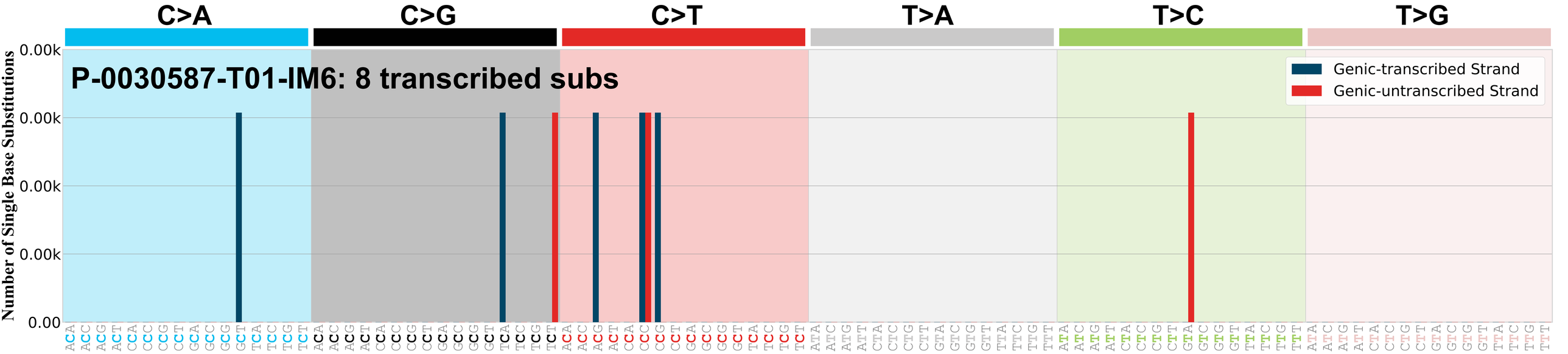
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P-0030587-T01-IM6: 8 transcribed subs
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Genic-untranscribed Strand
Number of Single Base Substitutions
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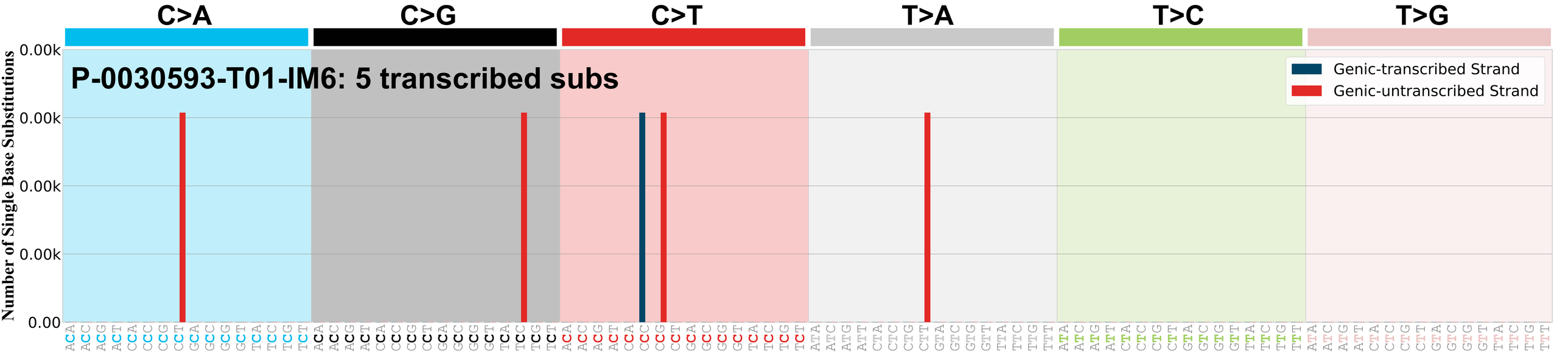
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P-0030593-T01-IM6: 5 transcribed subs
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Genic-untranscribed Strand
Number of Single Base Substitutions
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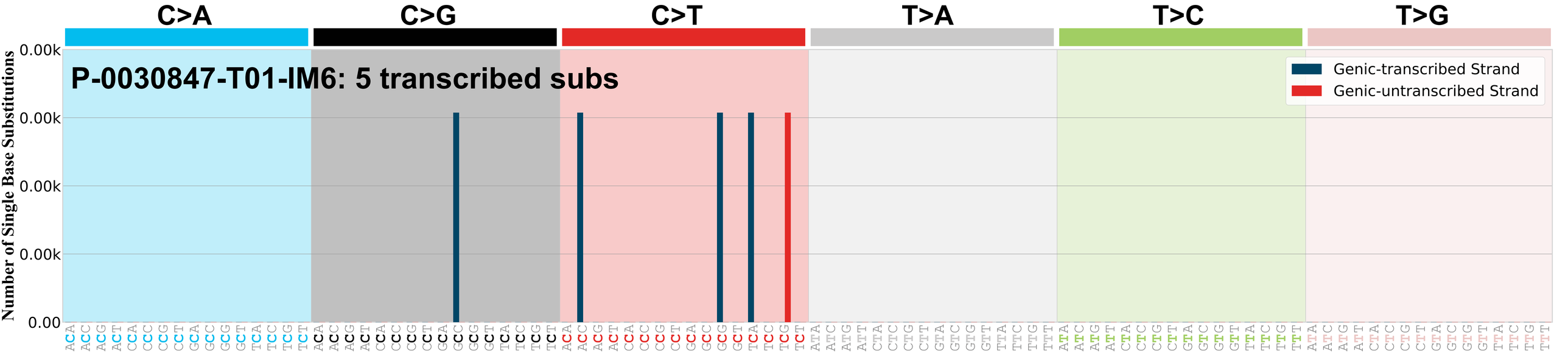
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P-0030847-T01-IM6: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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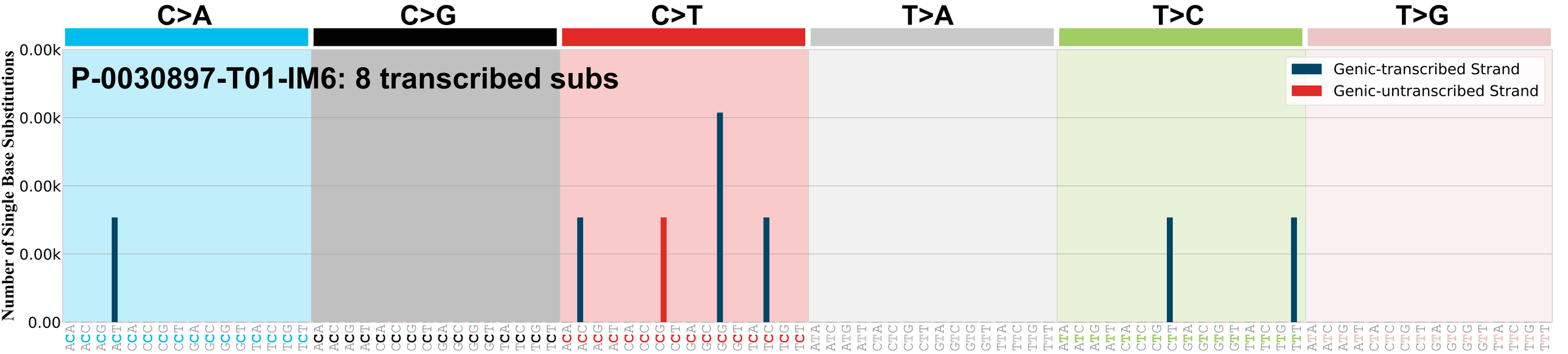
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P-0030897-T01-IM6: 8 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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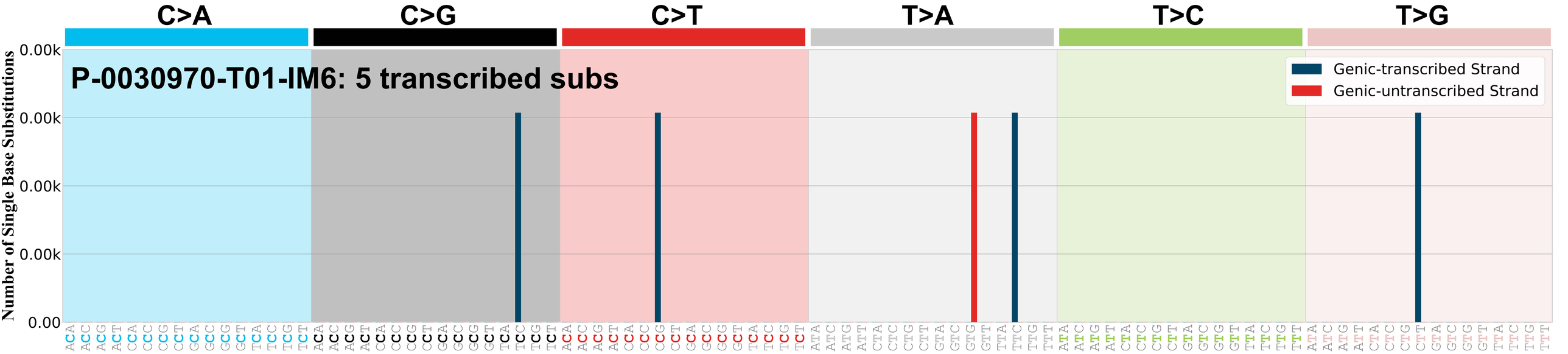
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P-0030970-T01-IM6: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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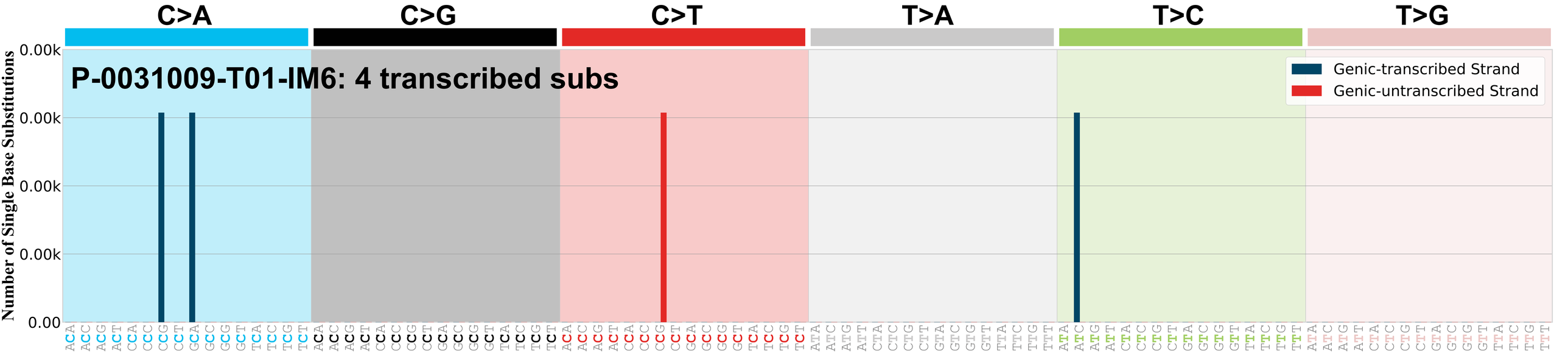
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P-0031009-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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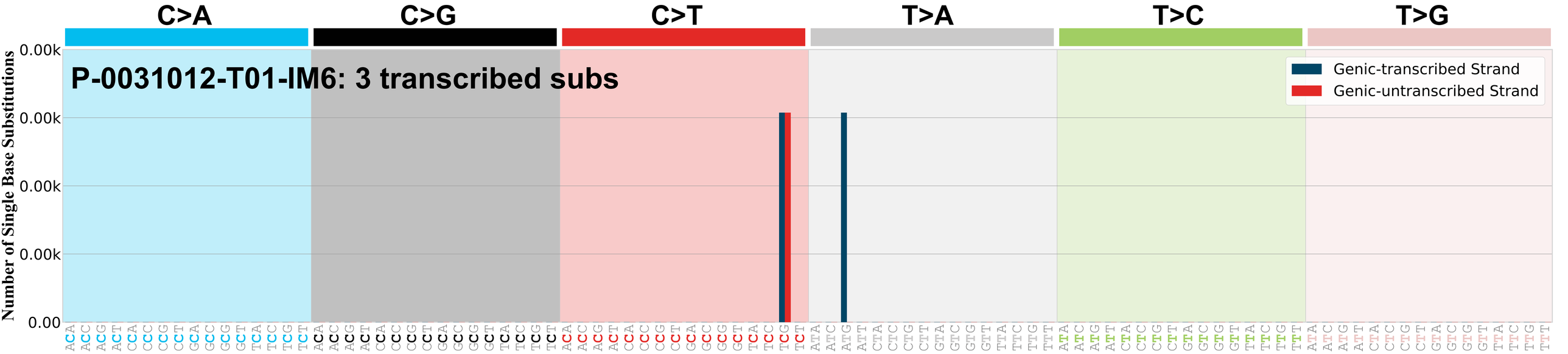
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T>G
P-0031012-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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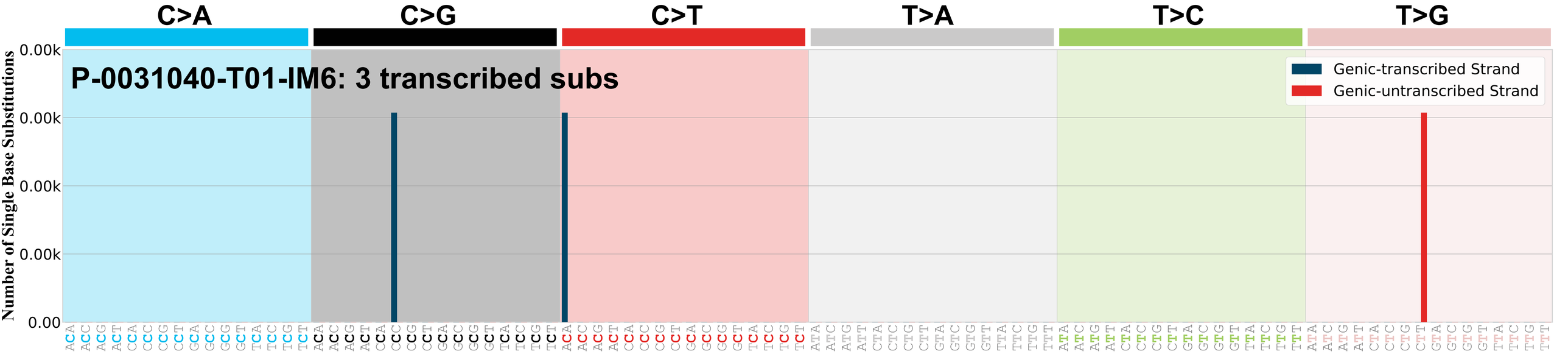
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P-0031040-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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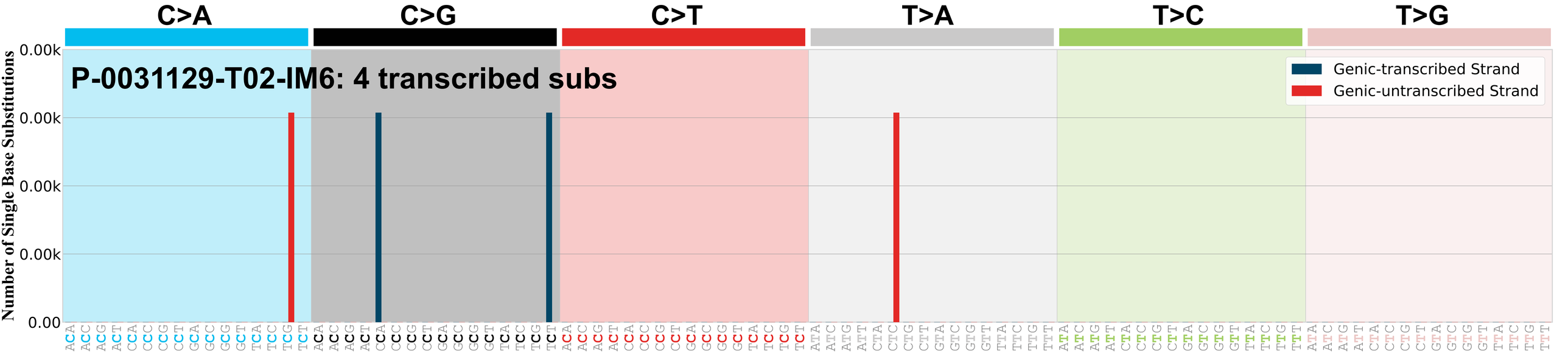
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T>G
P-0031129-T02-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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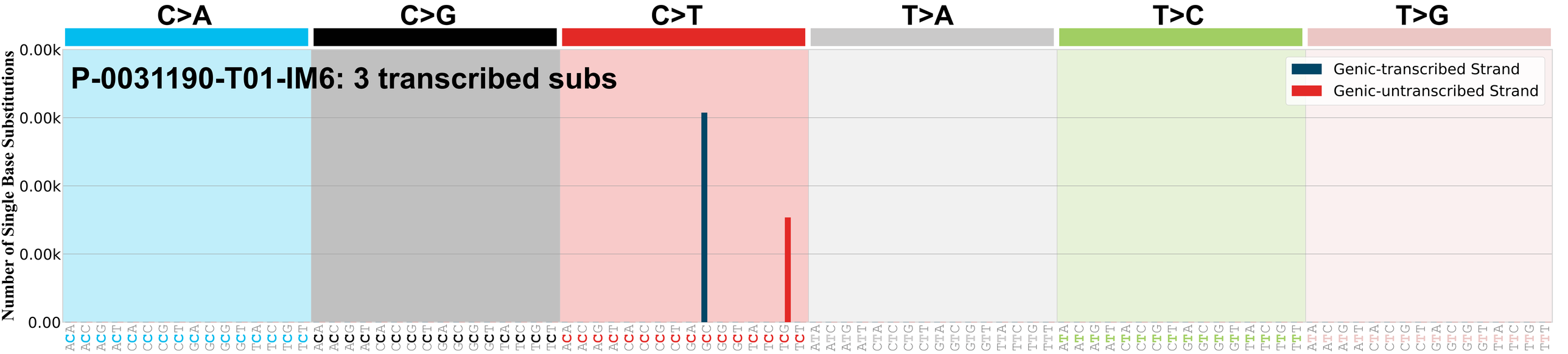
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T>G
P-0031190-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
0.00k
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ACA 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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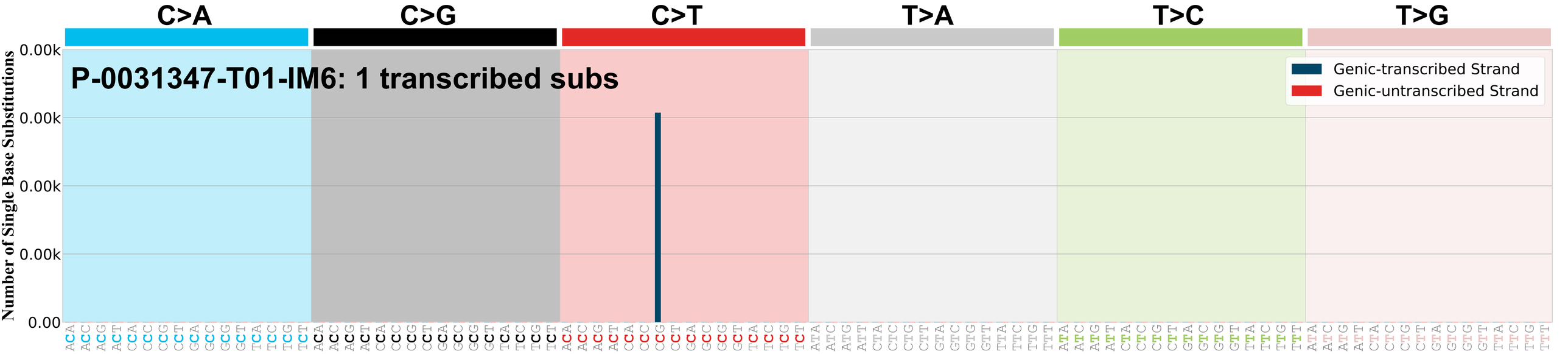
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P-0031347-T01-IM6: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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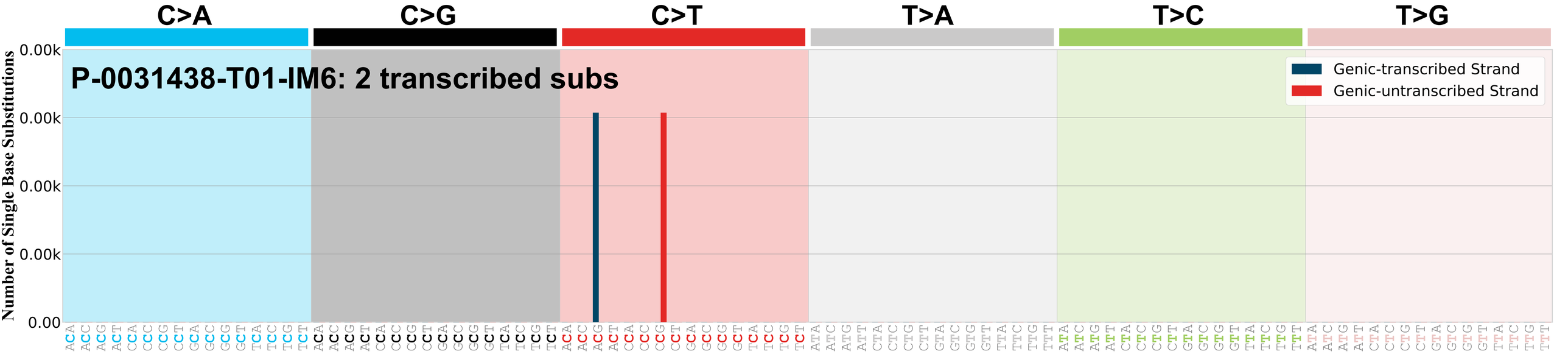
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T>C
T>G
P-0031438-T01-IM6: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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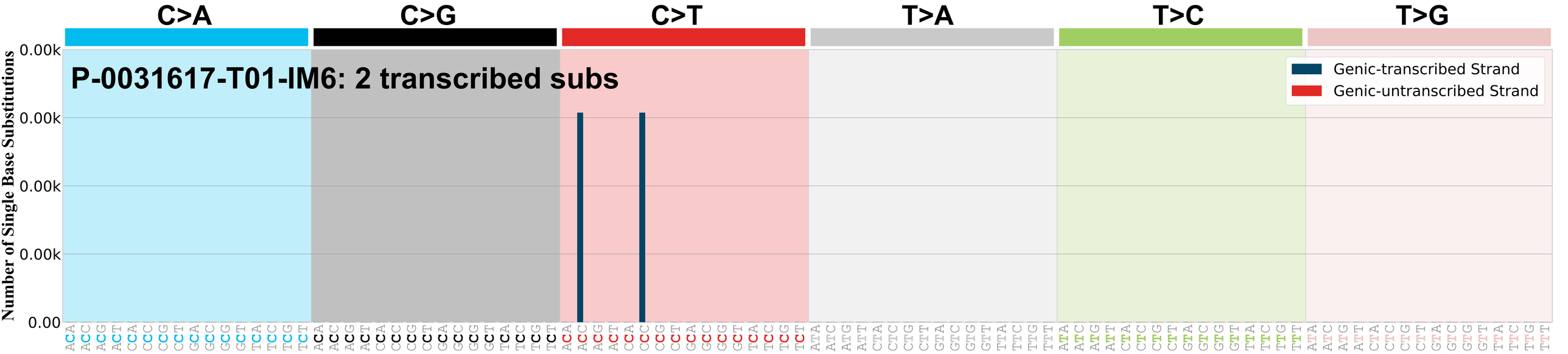
0.00k
0.00k
0.00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C>G
C>T
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T>C
T>G
P-0031617-T01-IM6: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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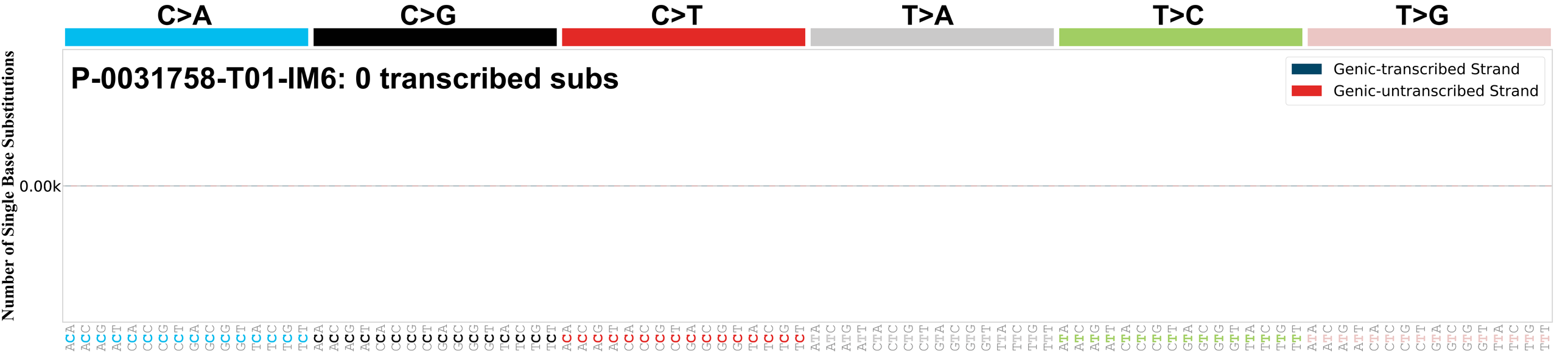
0.00k
0.00k
0.00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T>G
P-0031758-T01-IM6: 0 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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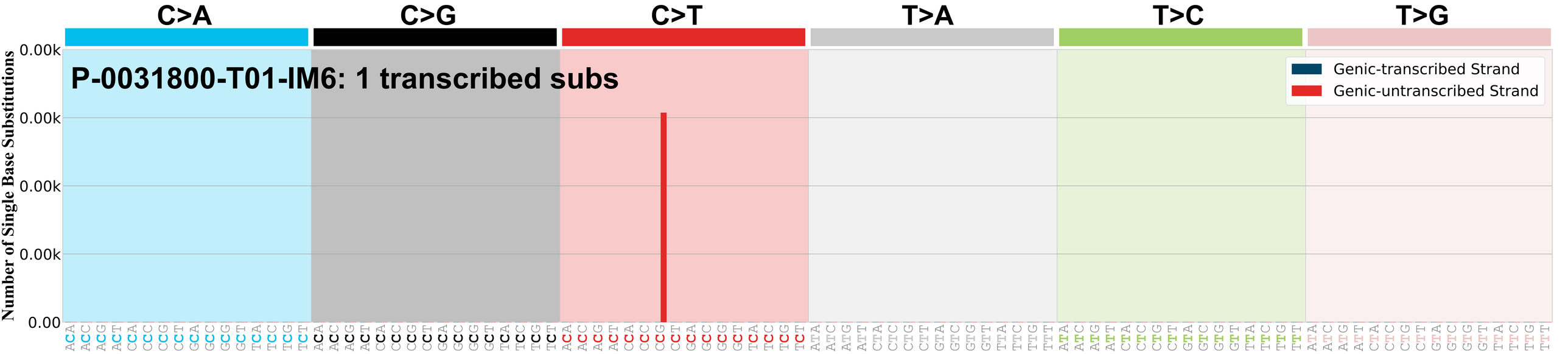
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T>C
T>G
P-0031800-T01-IM6: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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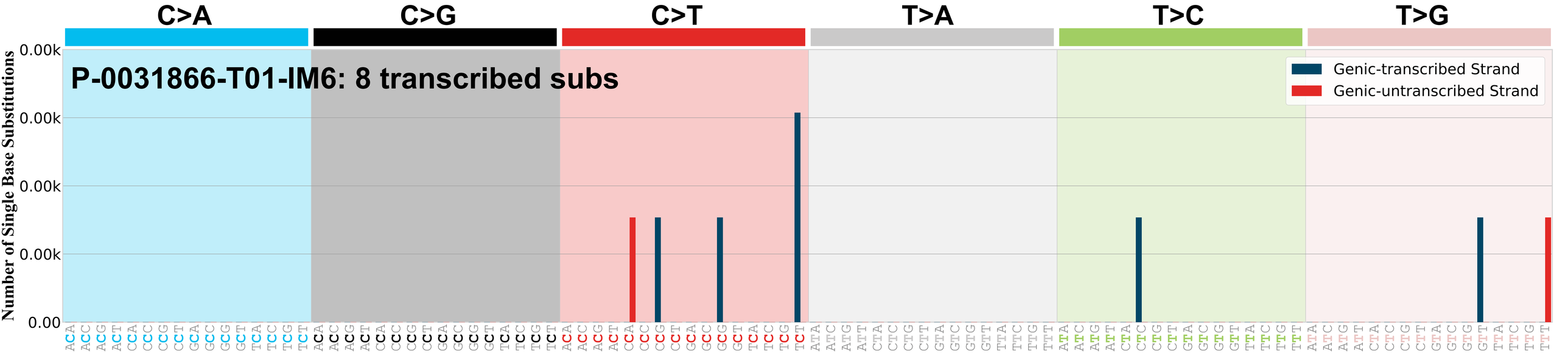
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T>C
T>G
P-0031866-T01-IM6: 8 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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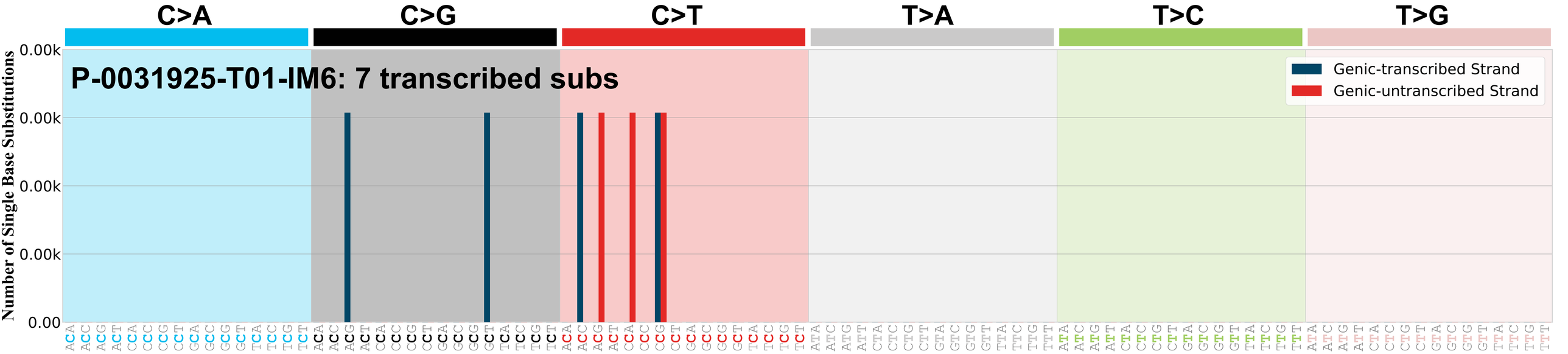
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C>G
C>T
T>A
T>C
T>G
P-0031925-T01-IM6: 7 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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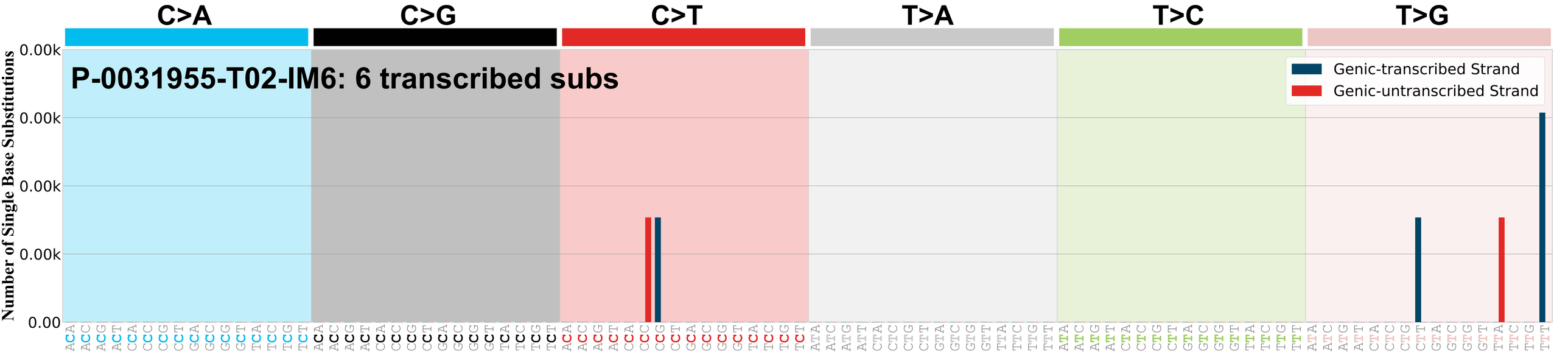
C>A
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P-0031955-T02-IM6: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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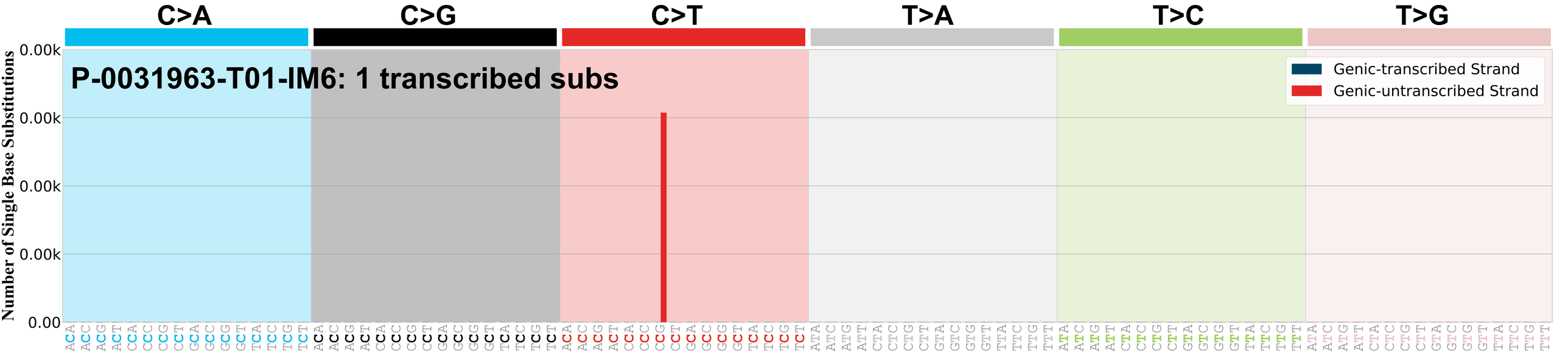
C>A
C>G
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T>C
T>G
P-0031963-T01-IM6: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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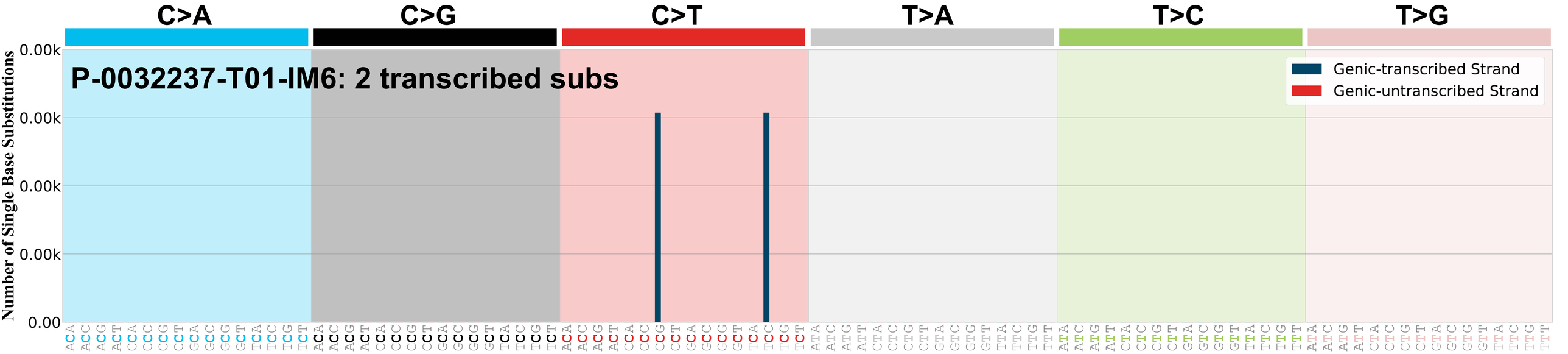
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C>G
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T>C
T>G
P-0032237-T01-IM6: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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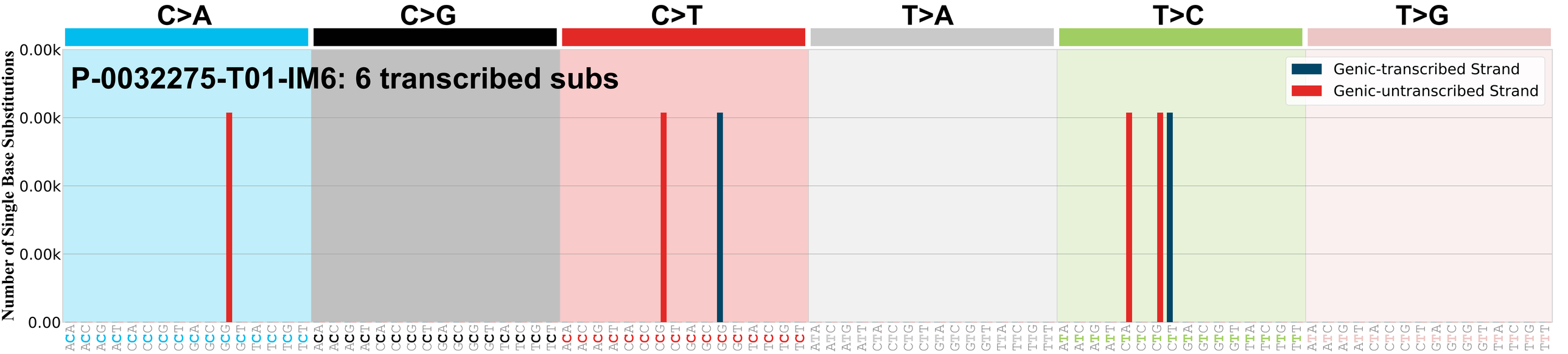
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P-0032275-T01-IM6: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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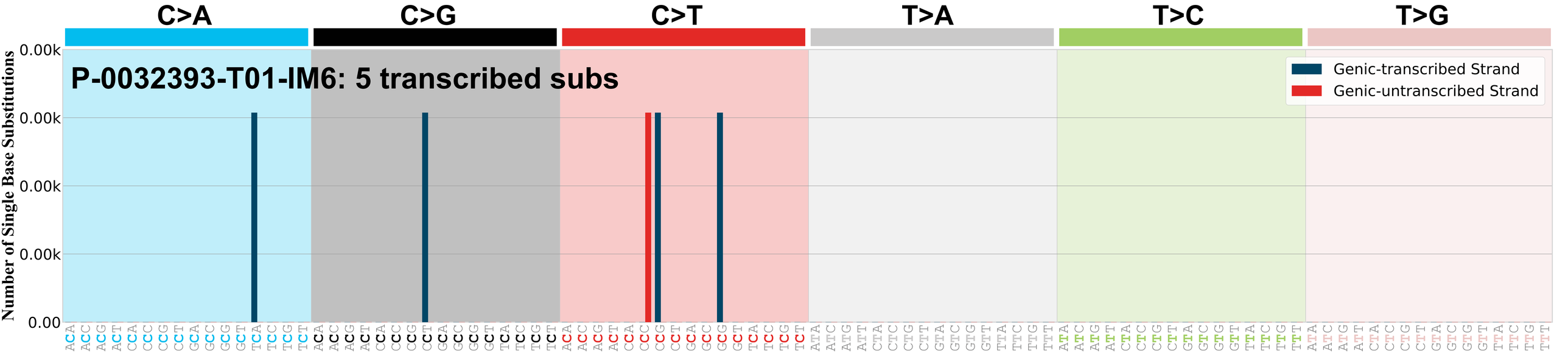
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T>C
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P-0032393-T01-IM6: 5 transcribed subs
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Genic-untranscribed Strand
Number of Single Base Substitutions
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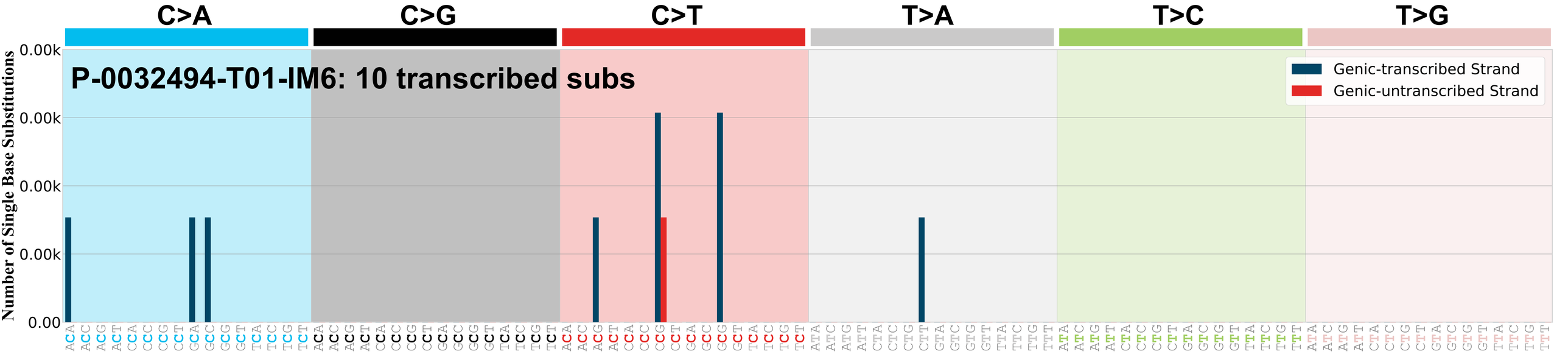
C>A
C>G
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T>C
T>G
P-0032494-T01-IM6: 10 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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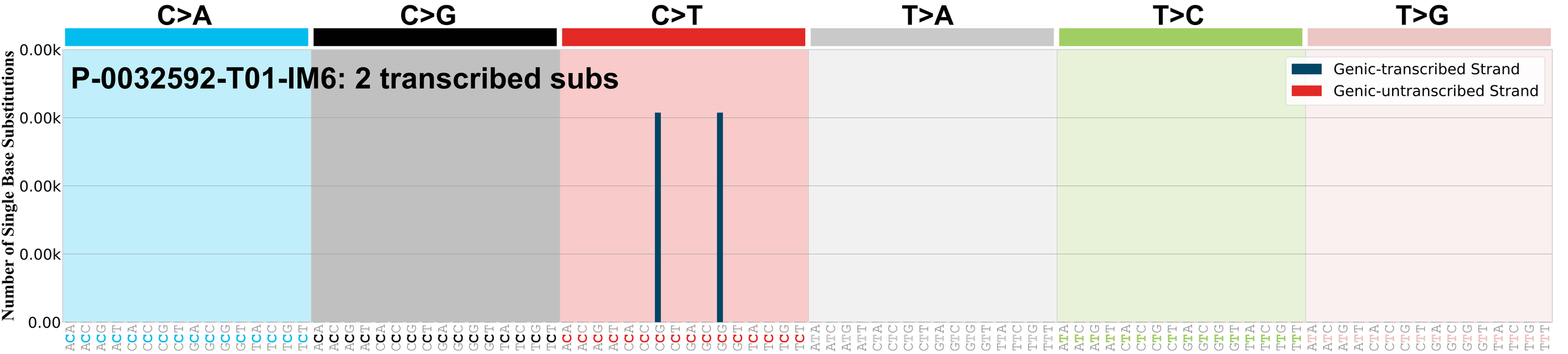
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T>G
P-0032592-T01-IM6: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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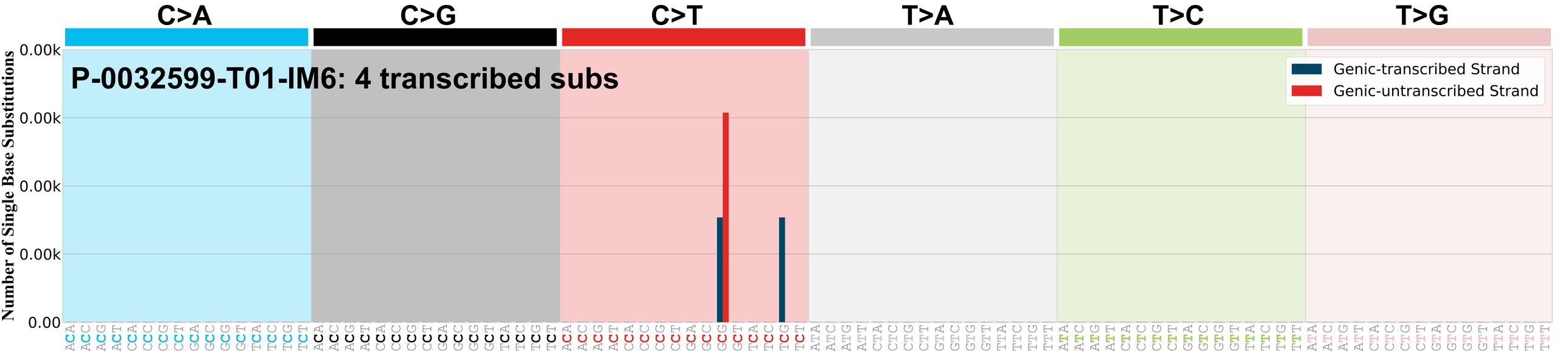
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P-0032599-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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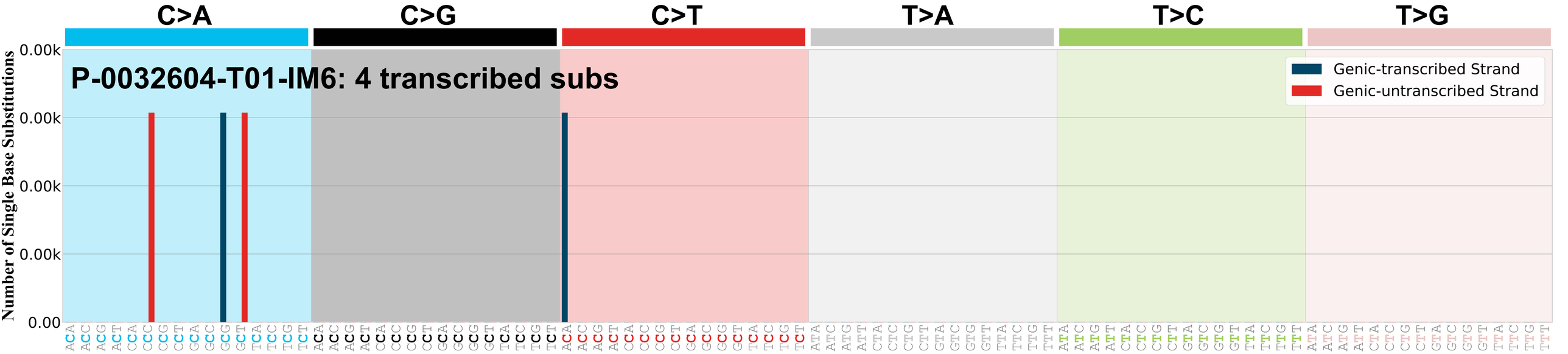
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T>C
T>G
P-0032604-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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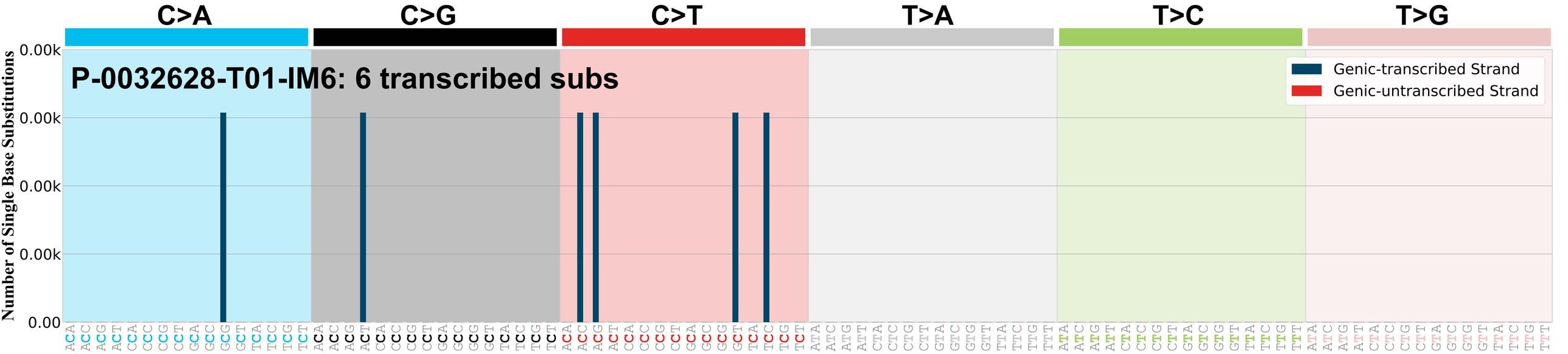
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P-0032628-T01-IM6: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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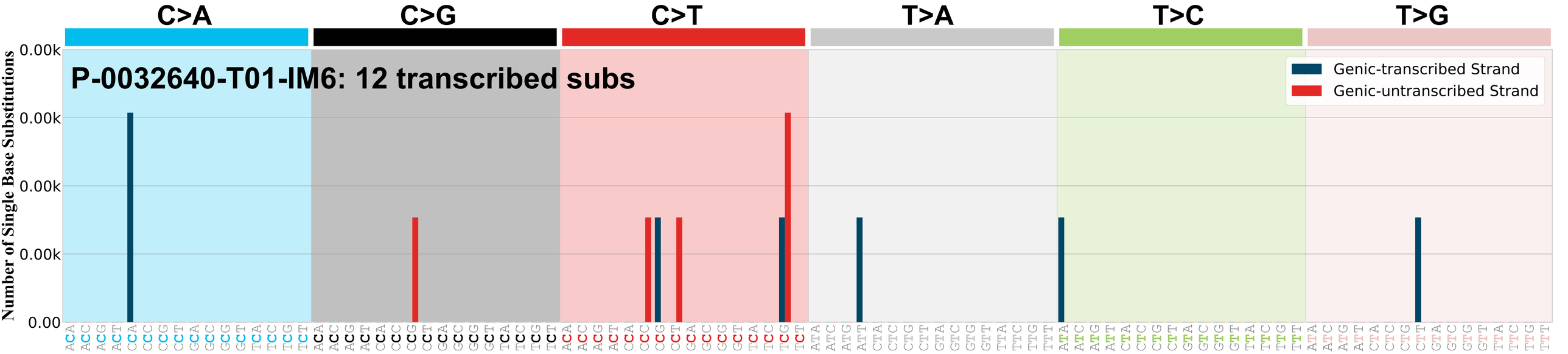
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T>C
T>G
P-0032640-T01-IM6: 12 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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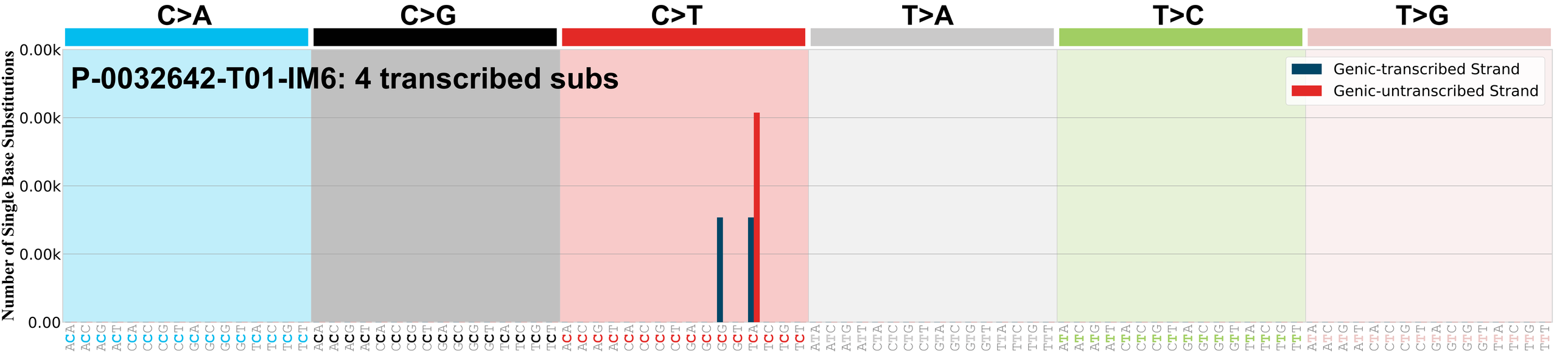
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C>G
C>T
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T>C
T>G
P-0032642-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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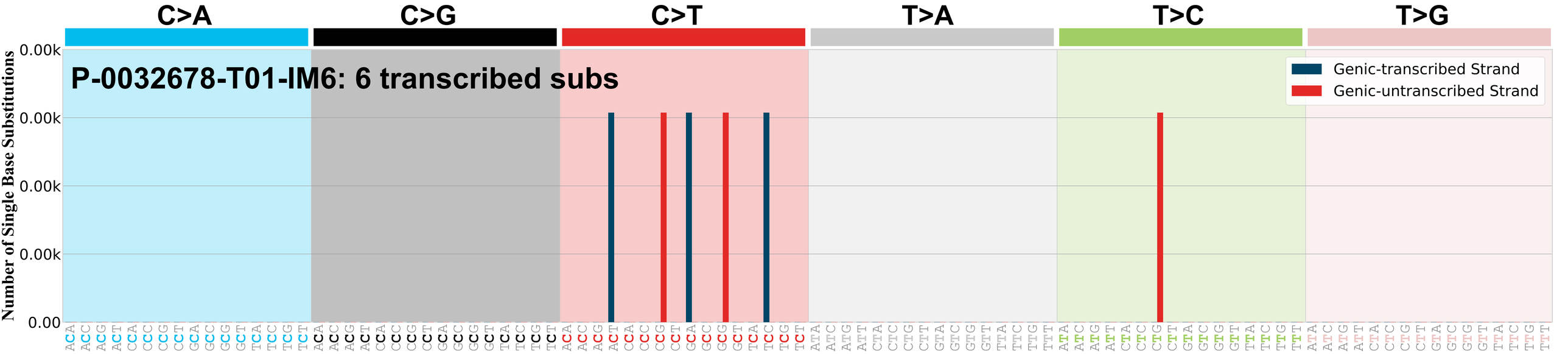
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T>C
T>G
P-0032678-T01-IM6: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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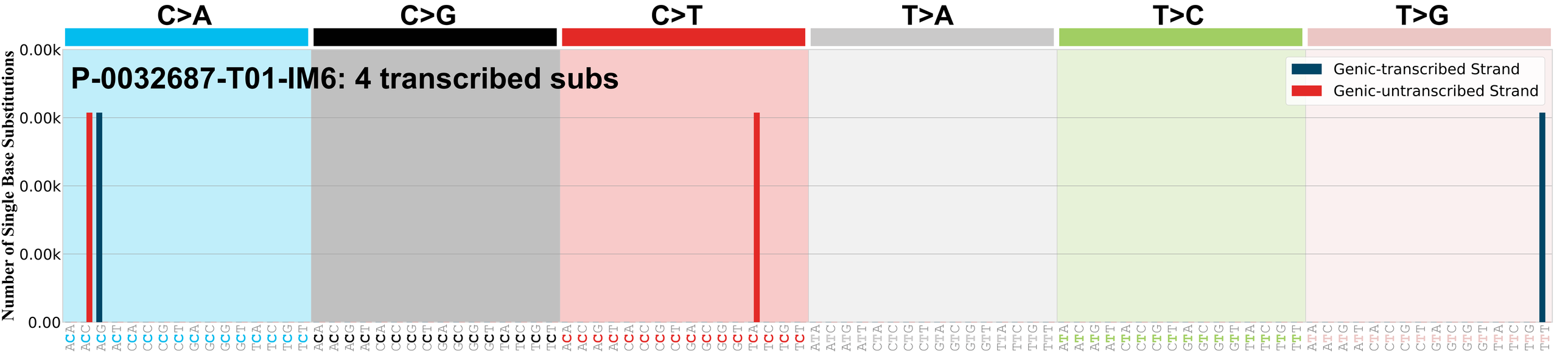
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T>G
P-0032687-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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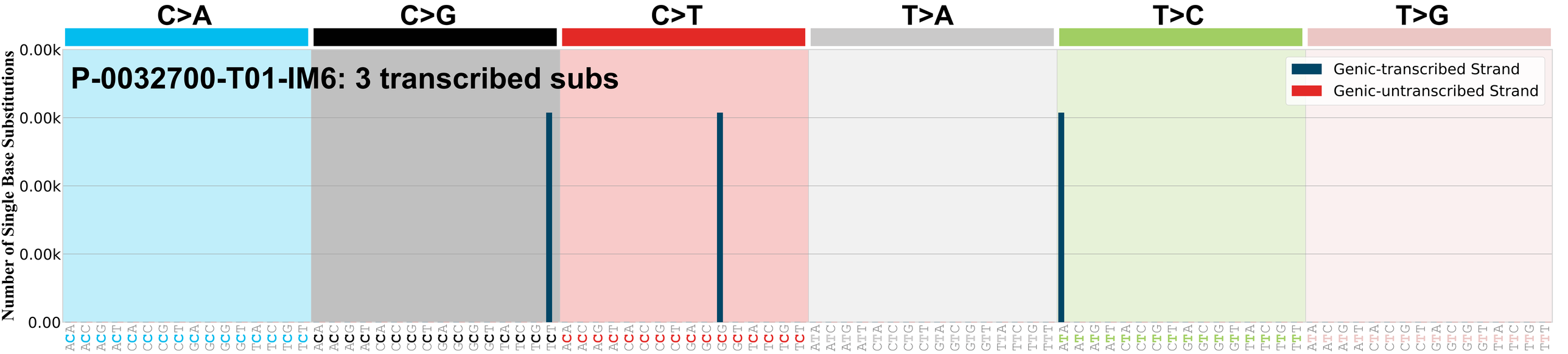
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T>C
T>G
P-0032700-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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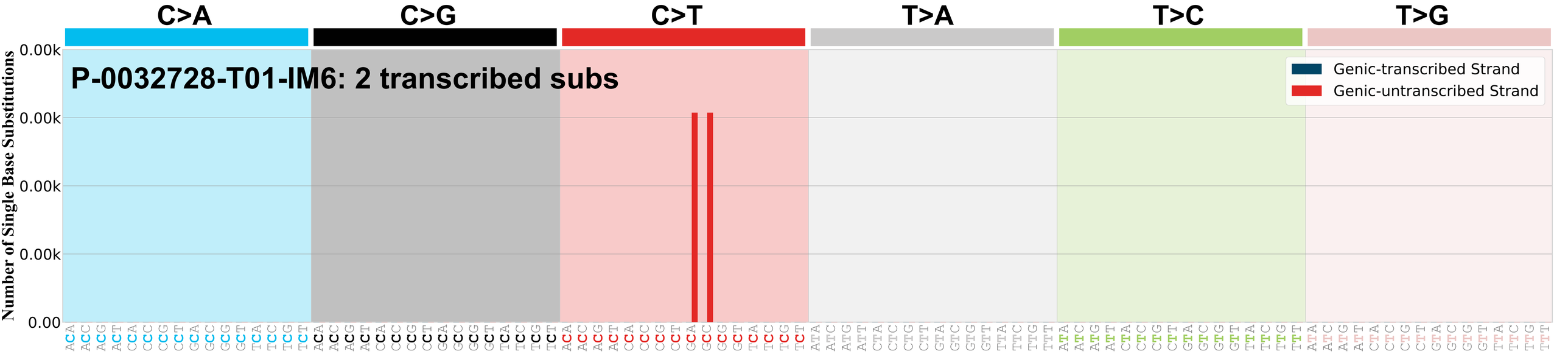
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C>G
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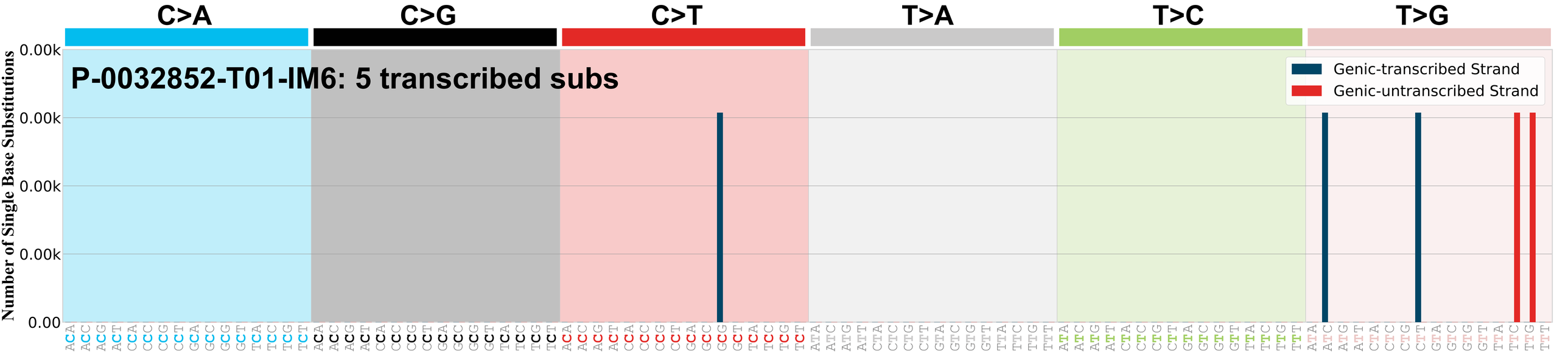
T>G
P-0032728-T01-IM6: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
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T>C
T>G
P-0032852-T01-IM6: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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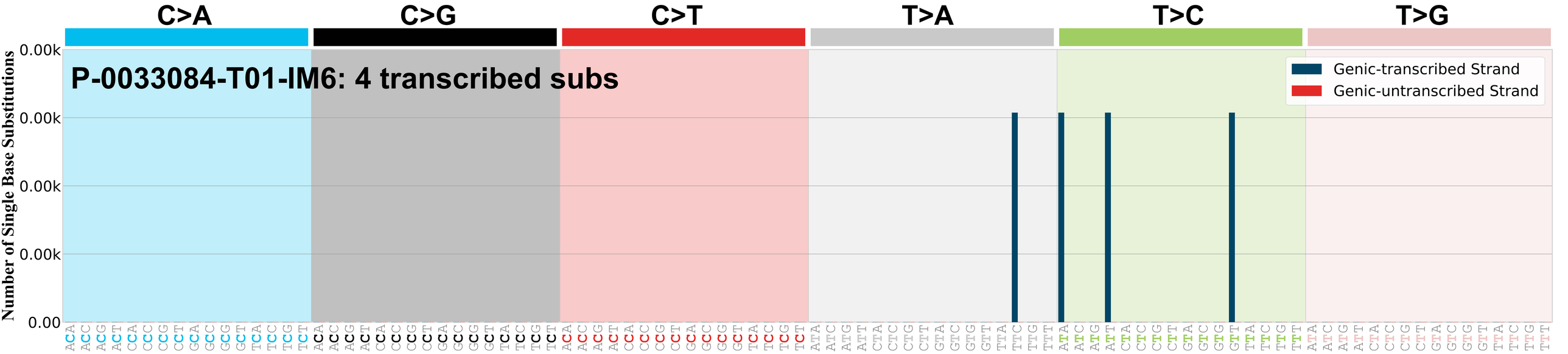
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C>G
C>T
T>A
T>C
T>G
P-0033084-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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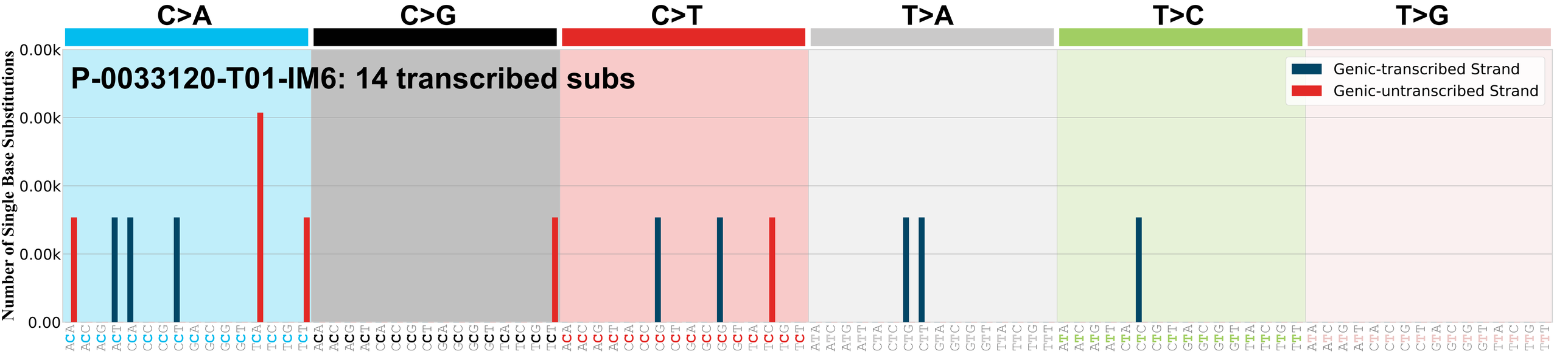
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0033120-T01-IM6: 14 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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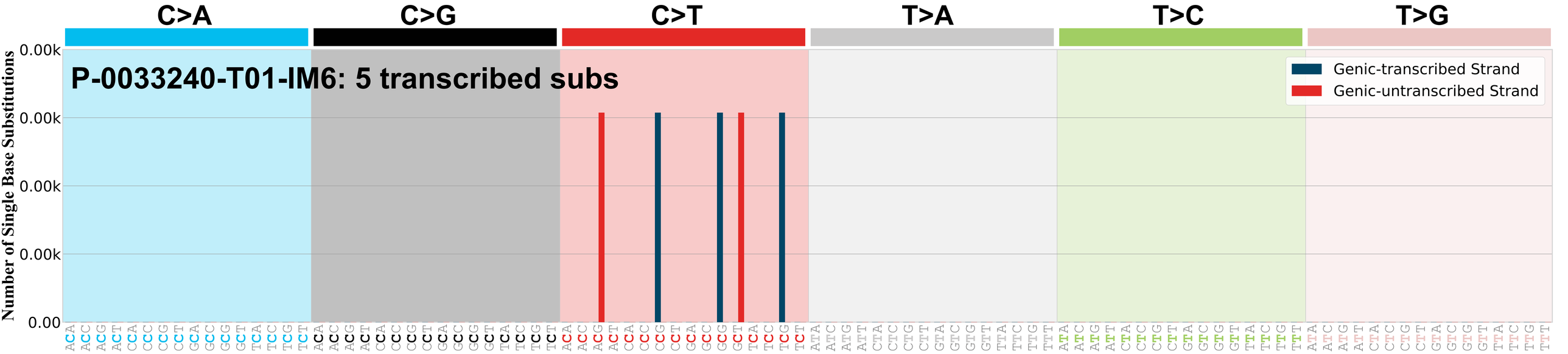
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0033240-T01-IM6: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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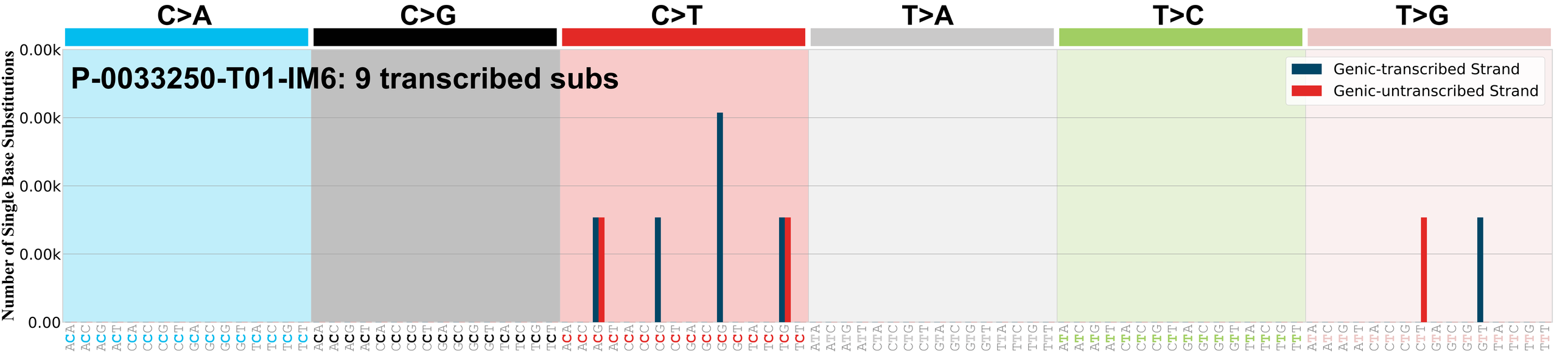
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
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T>C
T>G
P-0033250-T01-IM6: 9 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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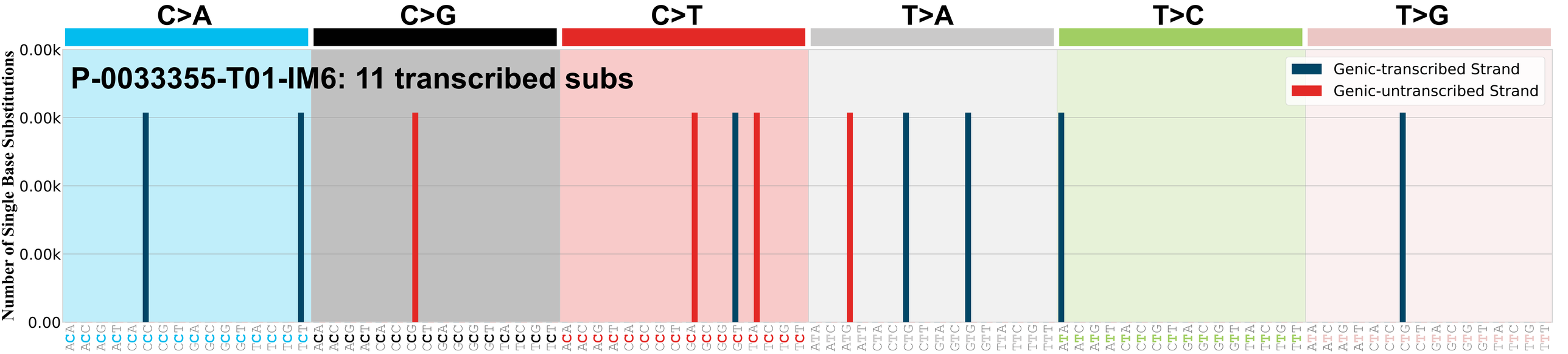
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0033355-T01-IM6: 11 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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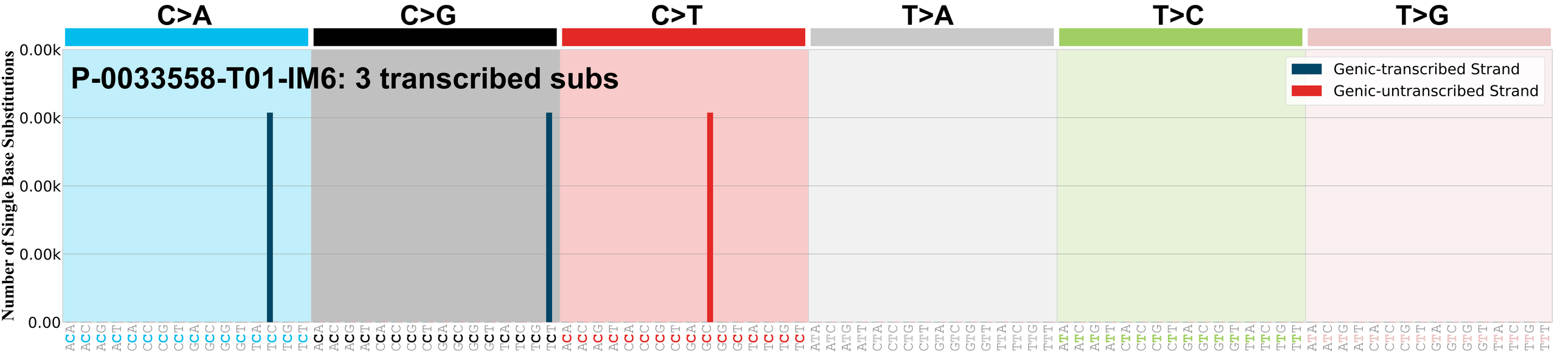
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0033558-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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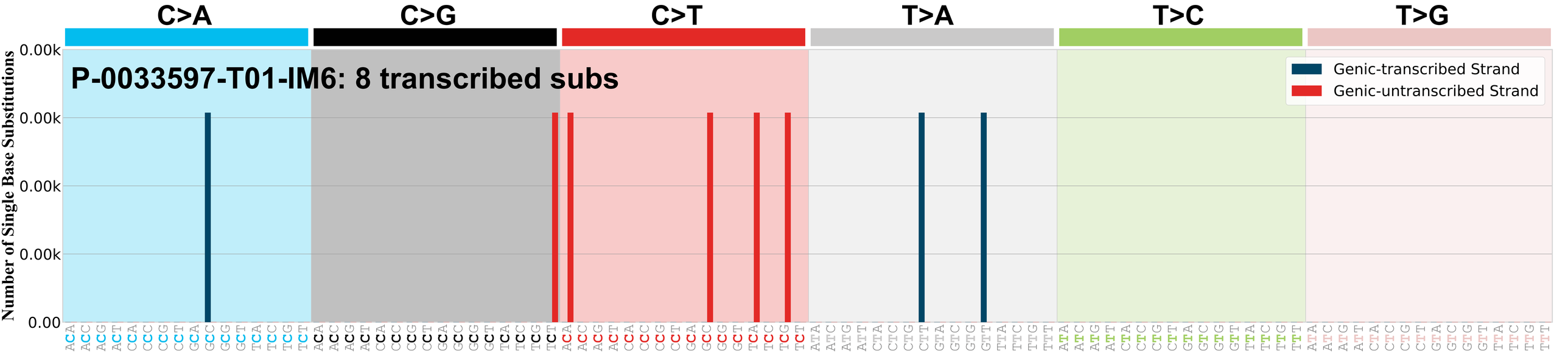
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0033597-T01-IM6: 8 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
0.00k
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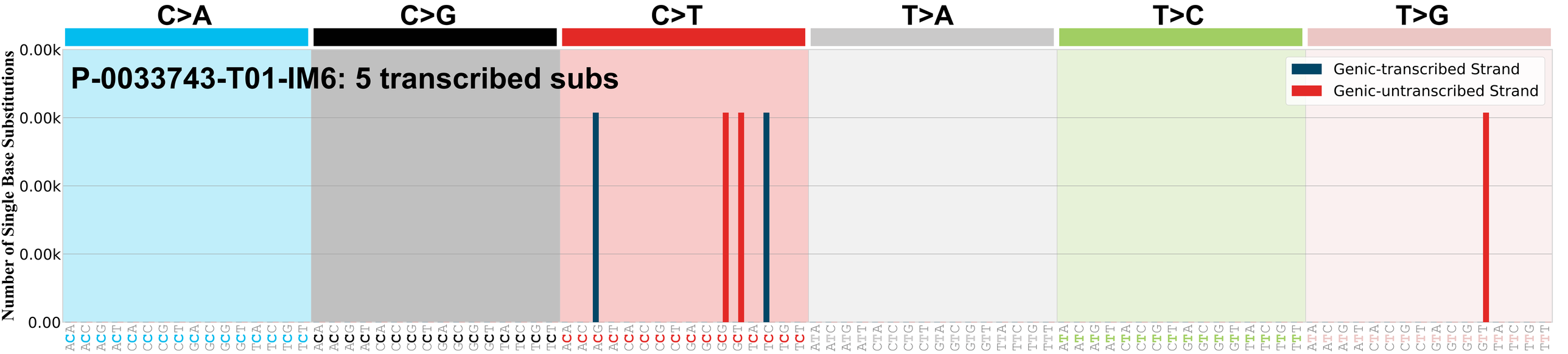
C>A
C>G
C>T
T>A
T>C
T>G
P-0033743-T01-IM6: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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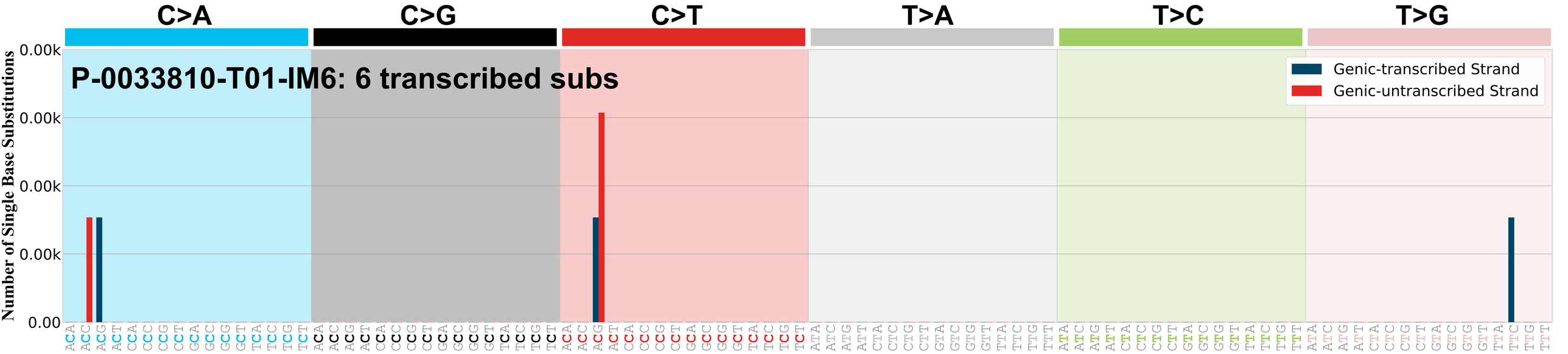
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0033810-T01-IM6: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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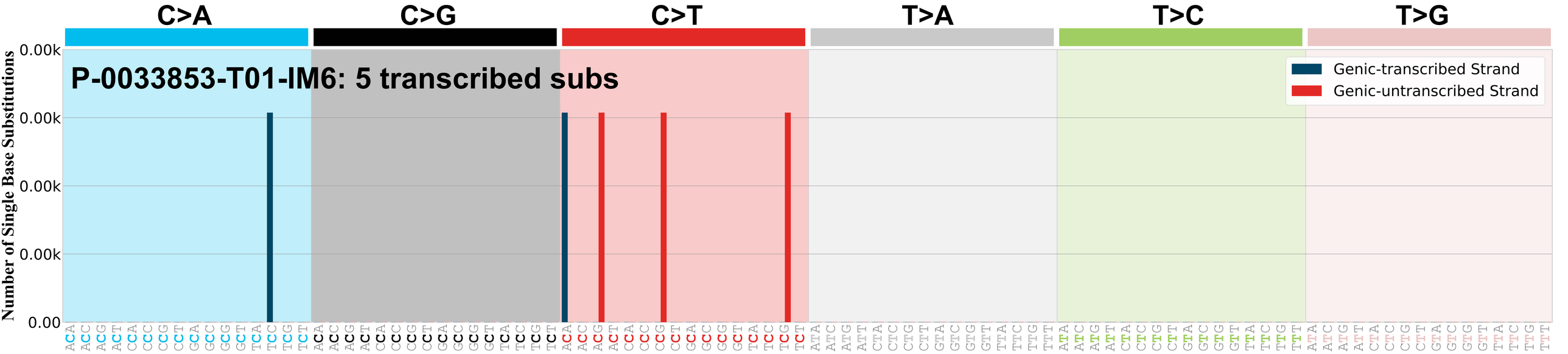
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0033853-T01-IM6: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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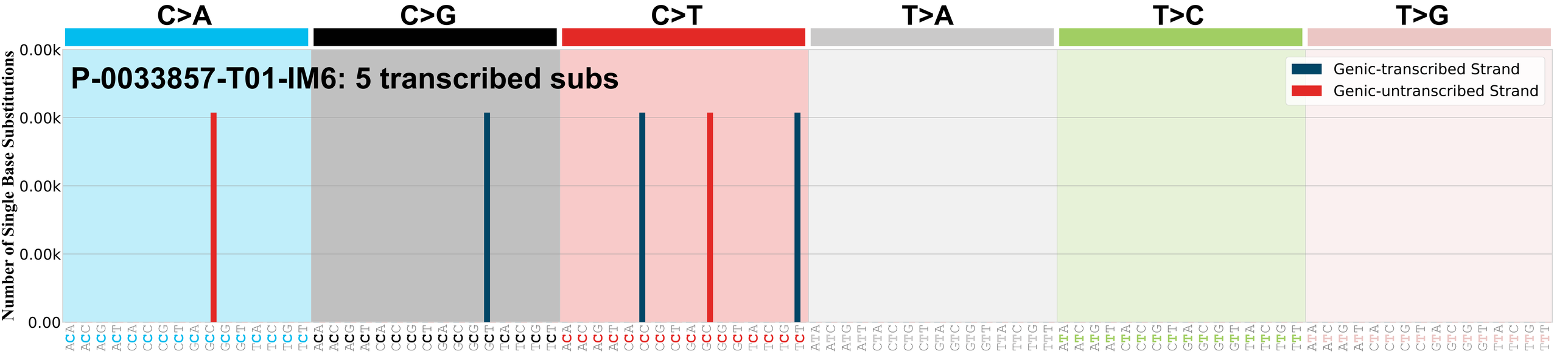
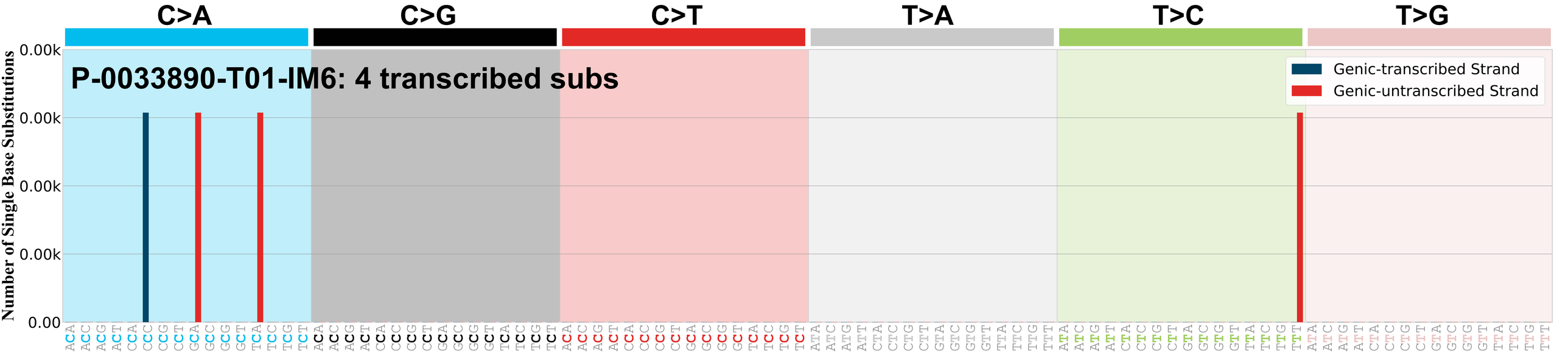
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0033857-T01-IM6: 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-0033890-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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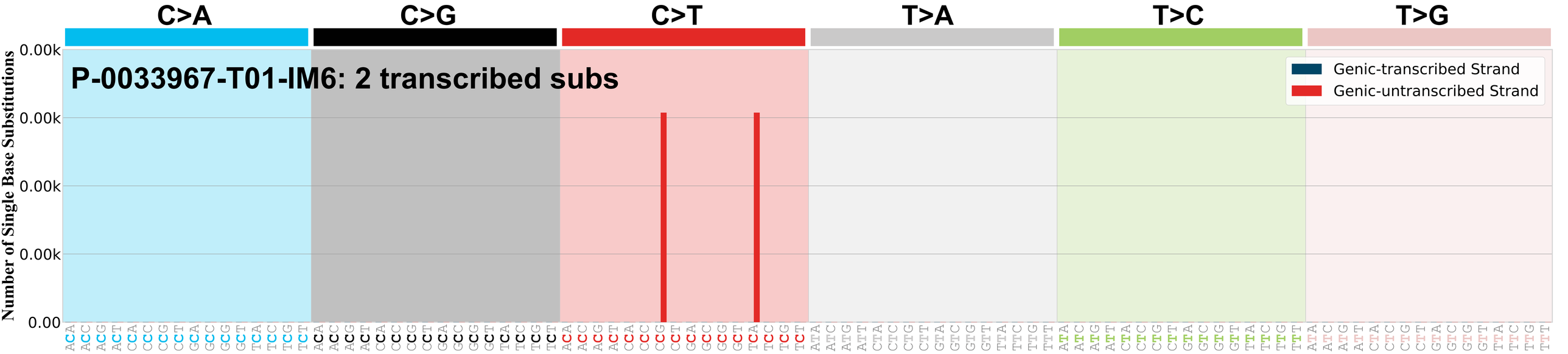
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0033967-T01-IM6: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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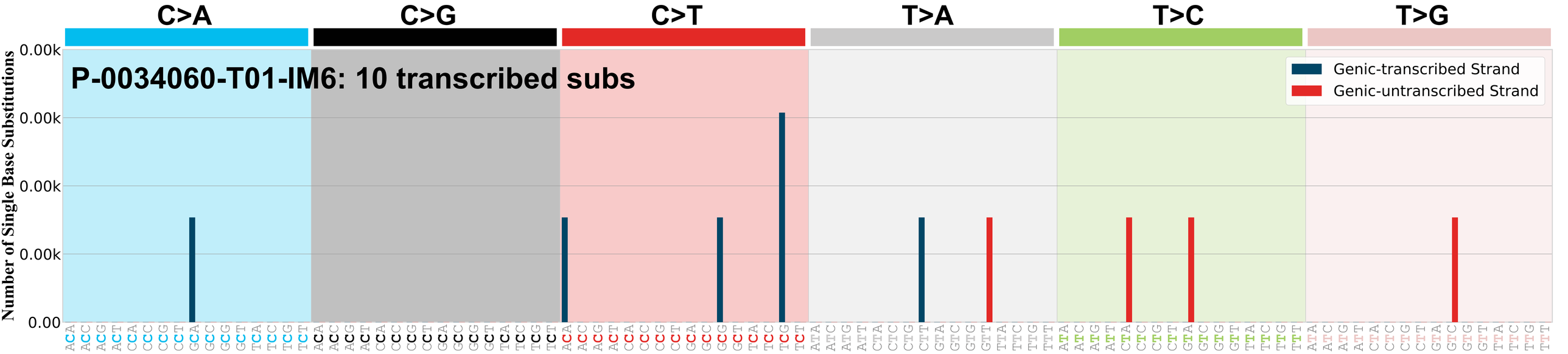
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0034060-T01-IM6: 10 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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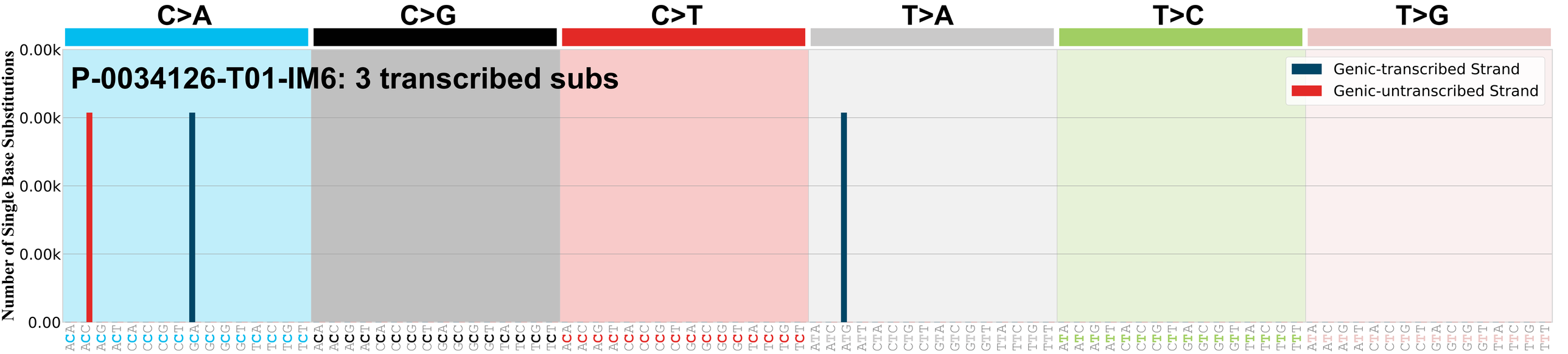
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
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T>C
T>G
P-0034126-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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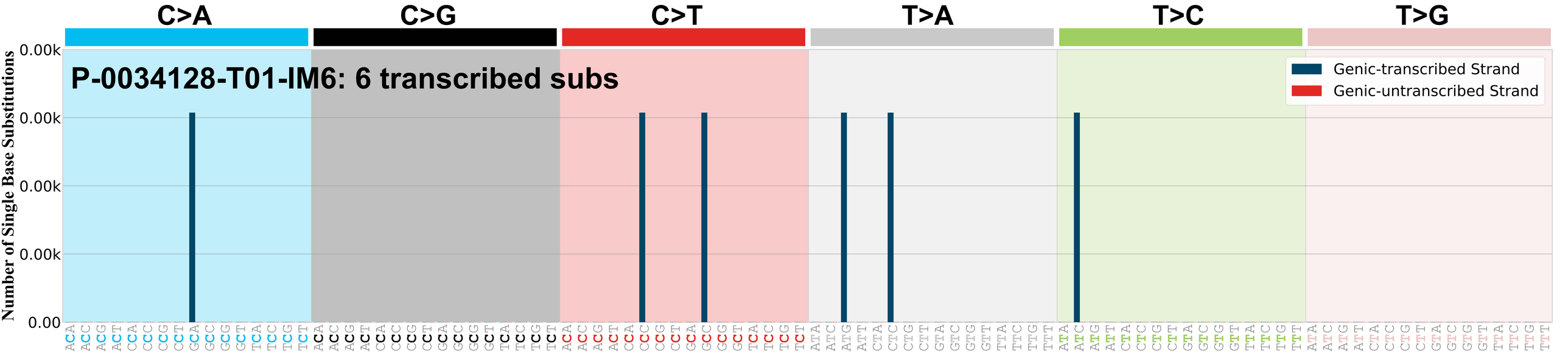
0.00k
0.00k
0.00


C>A
C>G
C>T
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T>C
T>G
P-0034128-T01-IM6: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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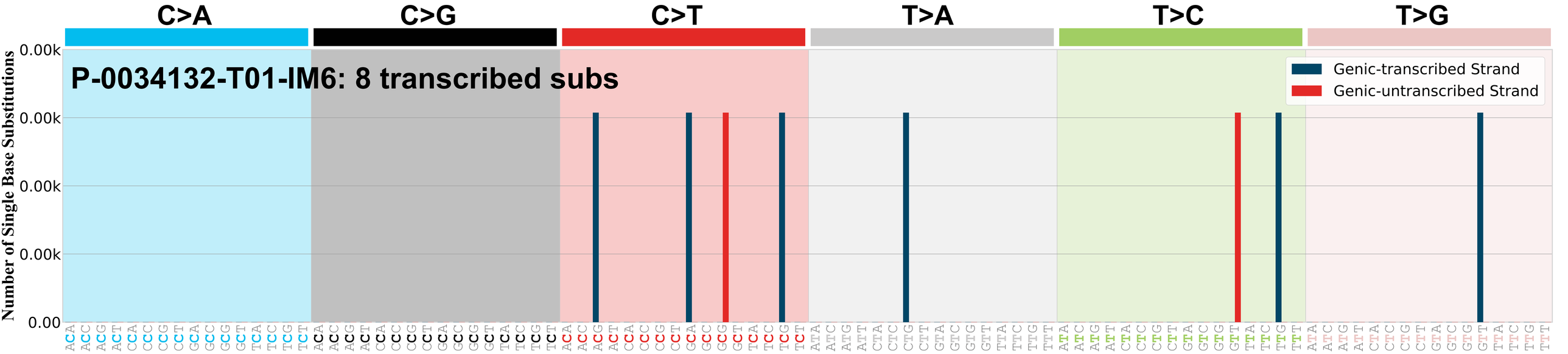
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0034132-T01-IM6: 8 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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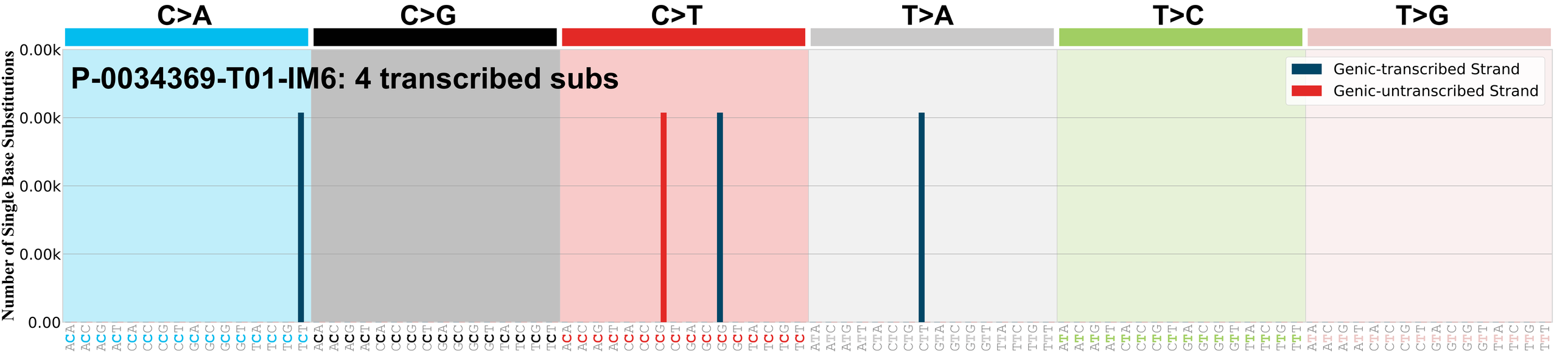
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0034369-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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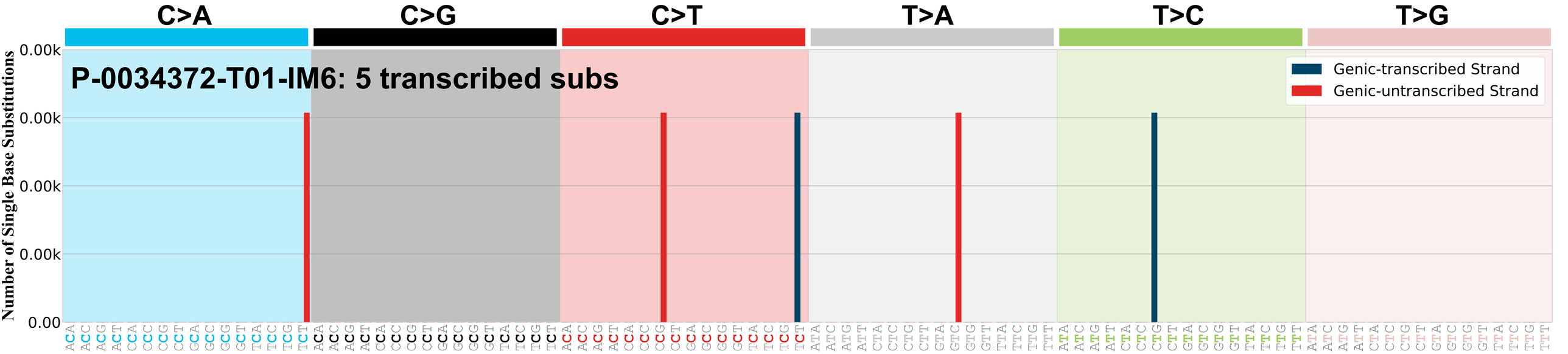
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0034372-T01-IM6: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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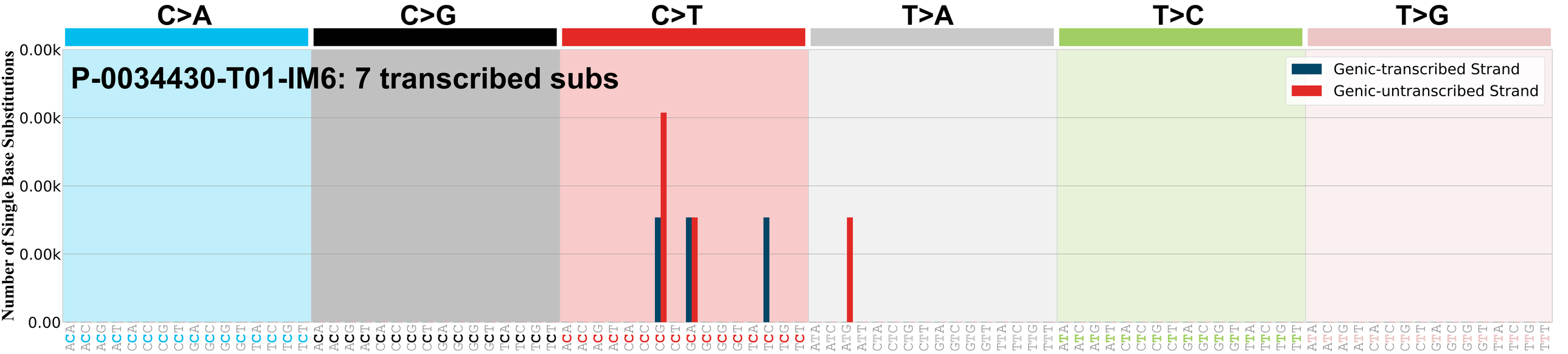
C>A
C>G
C>T
T>A
T>C
T>G
P-0034430-T01-IM6: 7 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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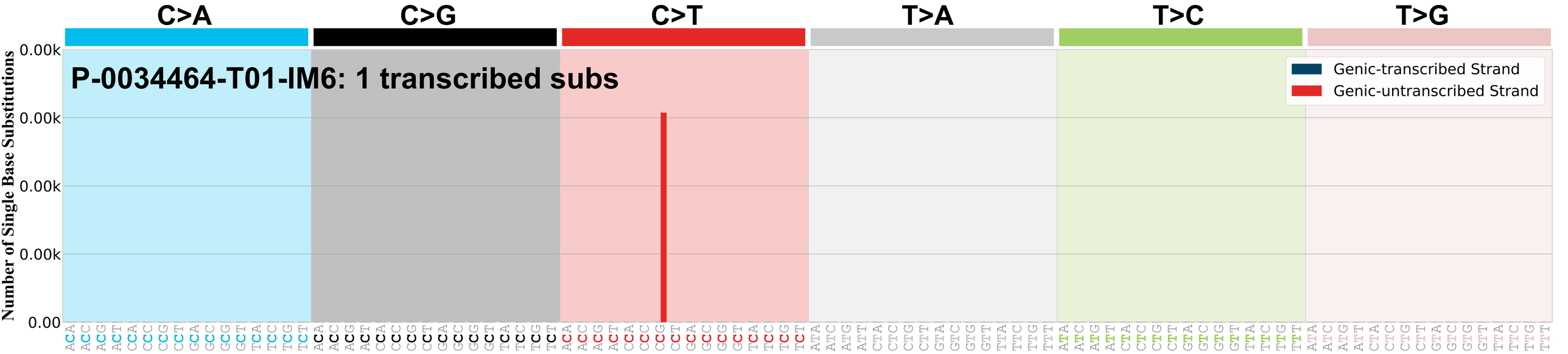
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0034464-T01-IM6: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
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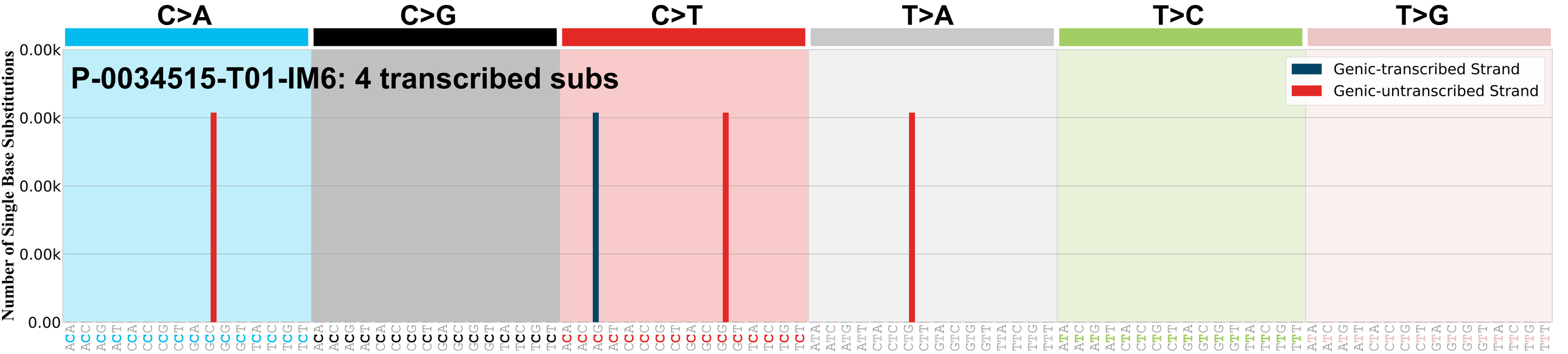
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0034515-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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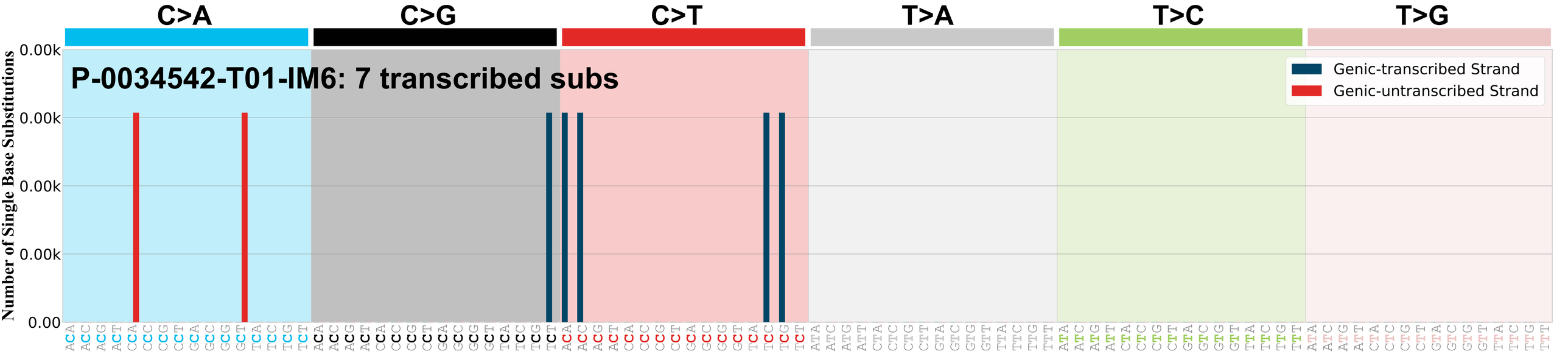
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0034542-T01-IM6: 7 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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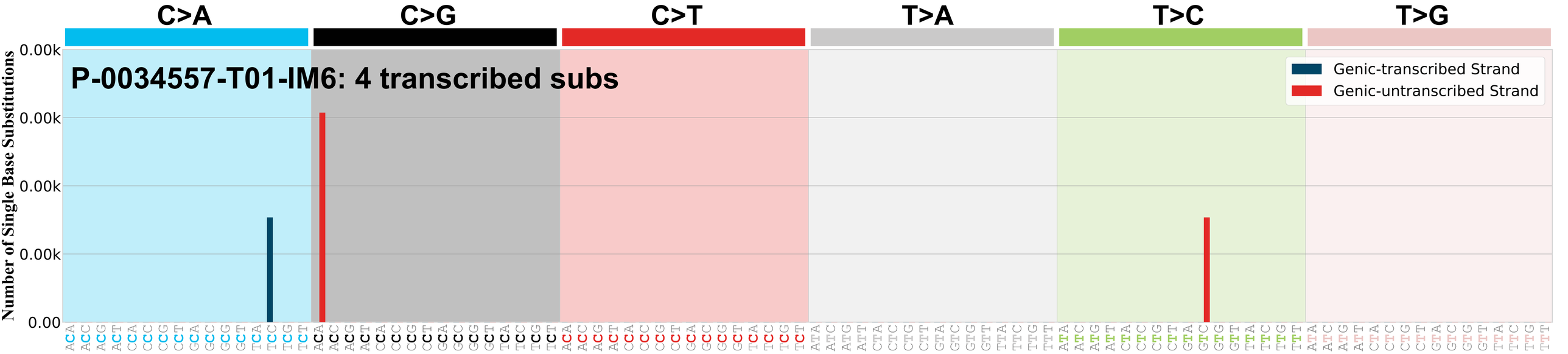
0.00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T>C
T>G
P-0034557-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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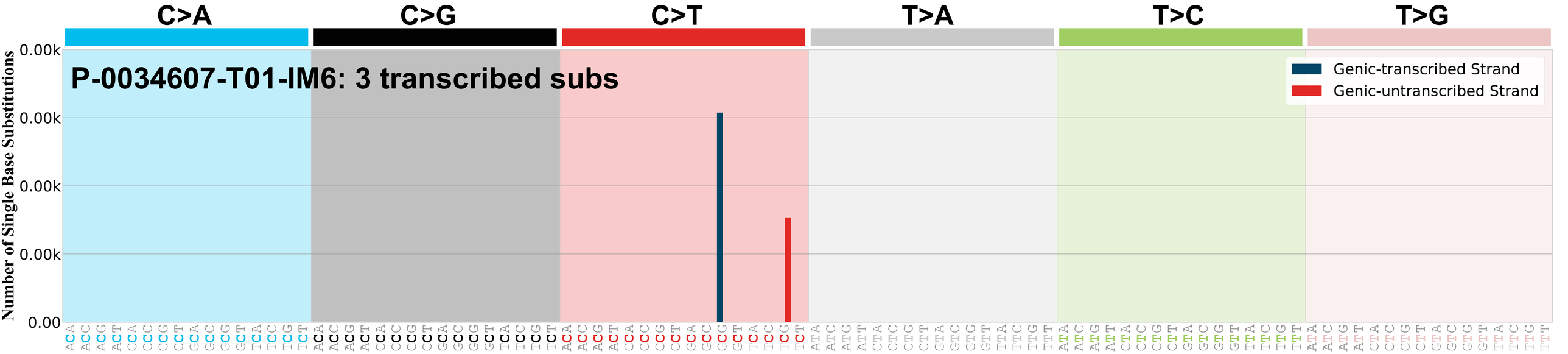
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T>C
T>G
P-0034607-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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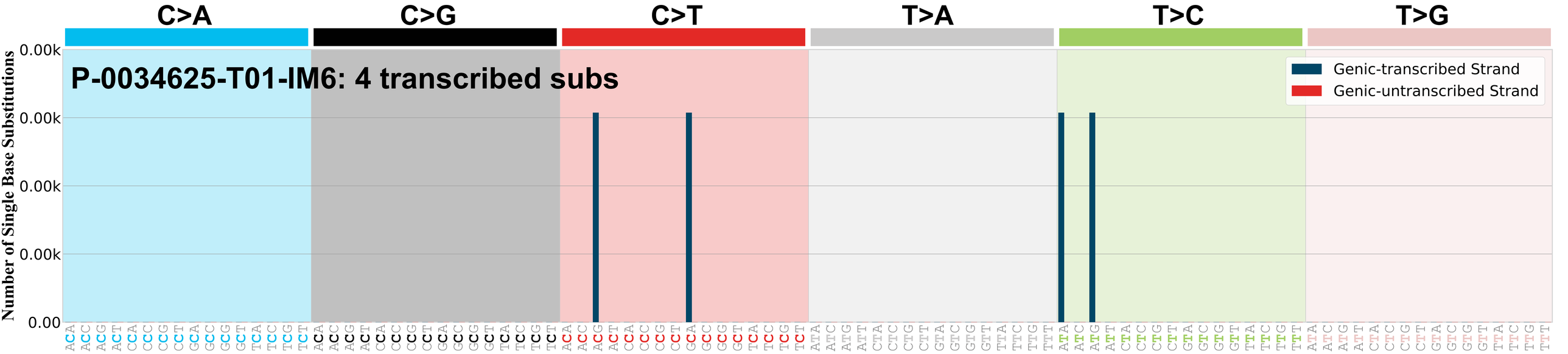
C>A
C>G
C>T
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T>C
T>G
P-0034625-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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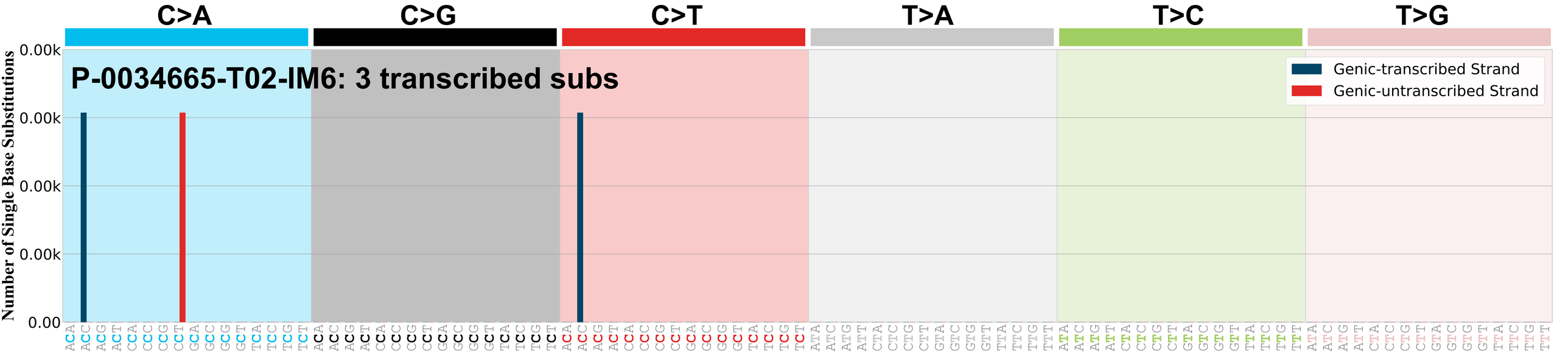
C>A
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C>T
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T>C
T>G
P-0034665-T02-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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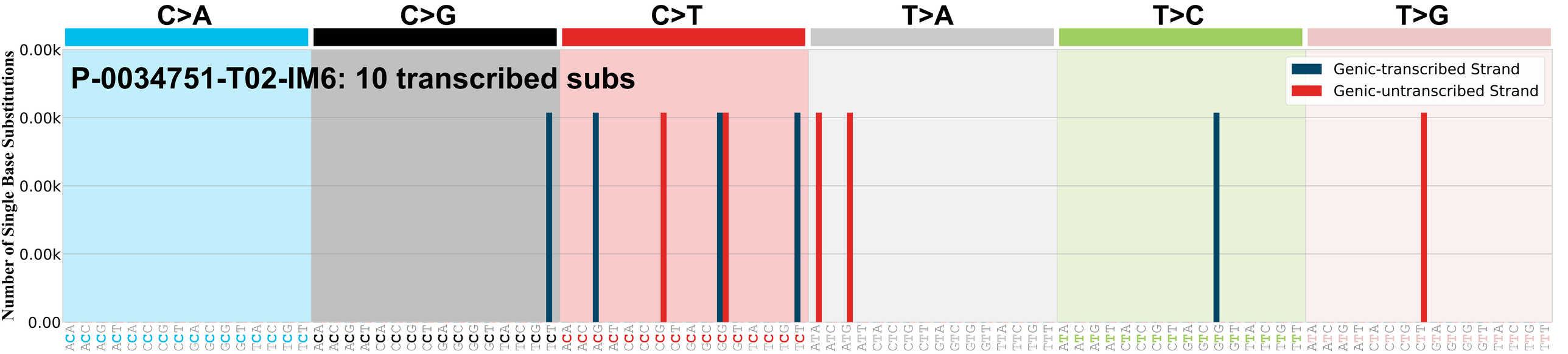
C>A
C>G
C>T
T>A
T>C
T>G
P-0034751-T02-IM6: 10 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
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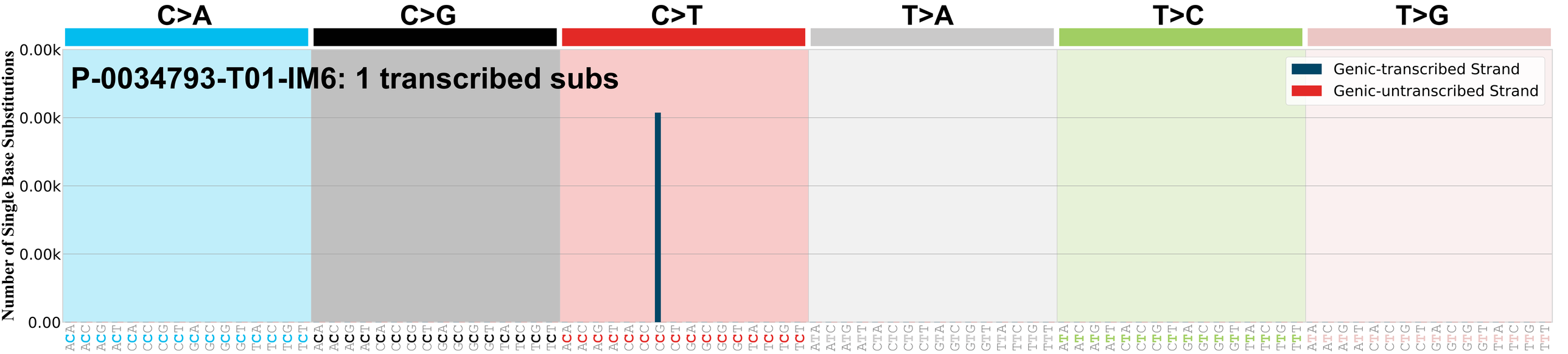
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0034793-T01-IM6: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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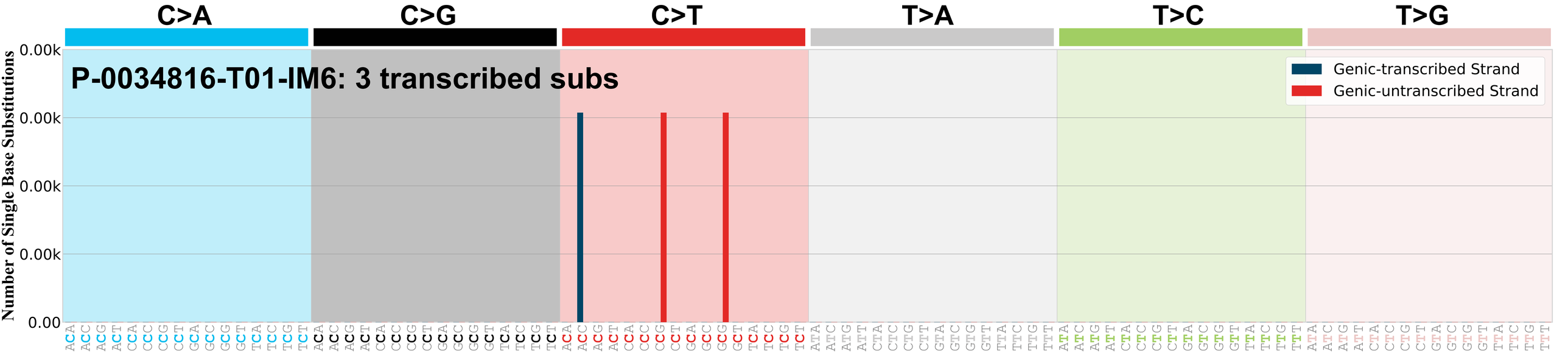
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0034816-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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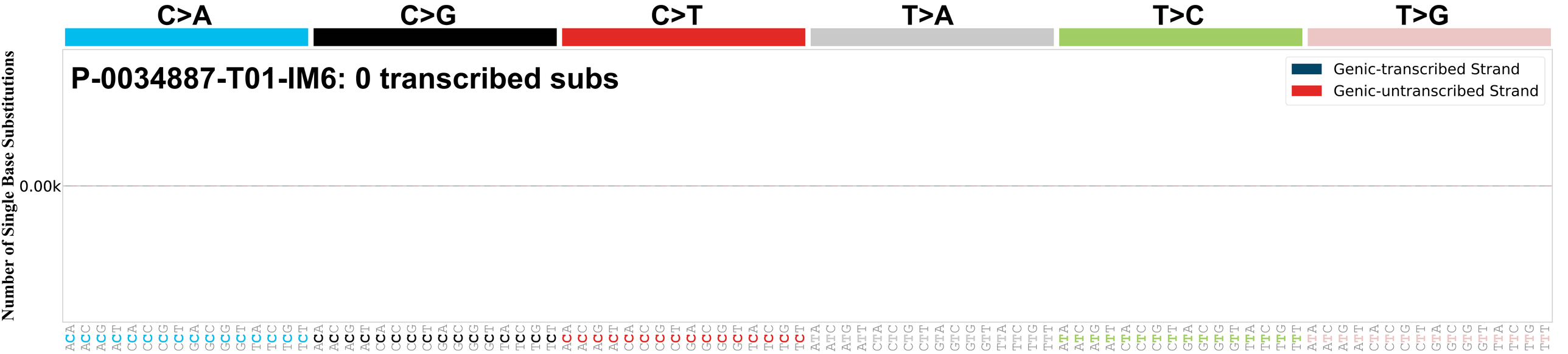
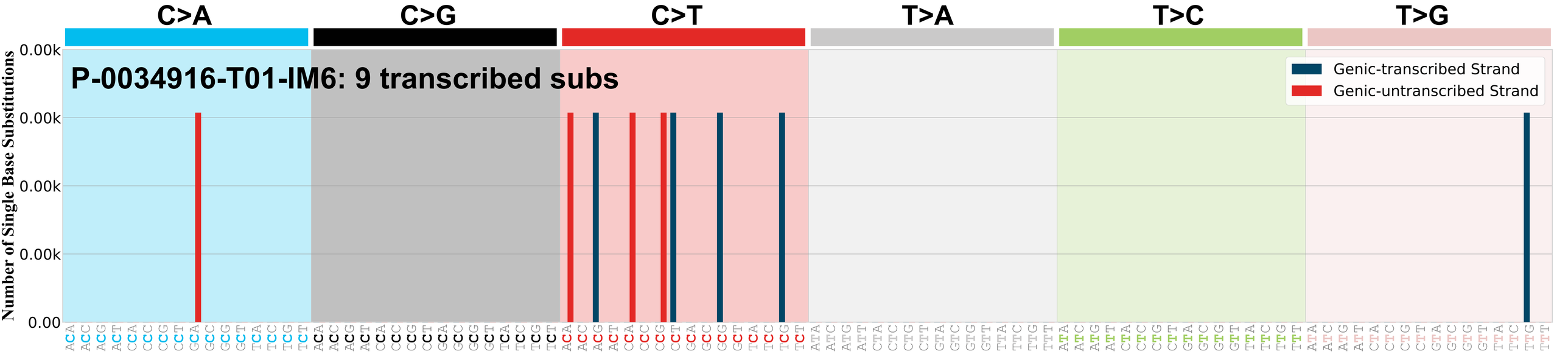
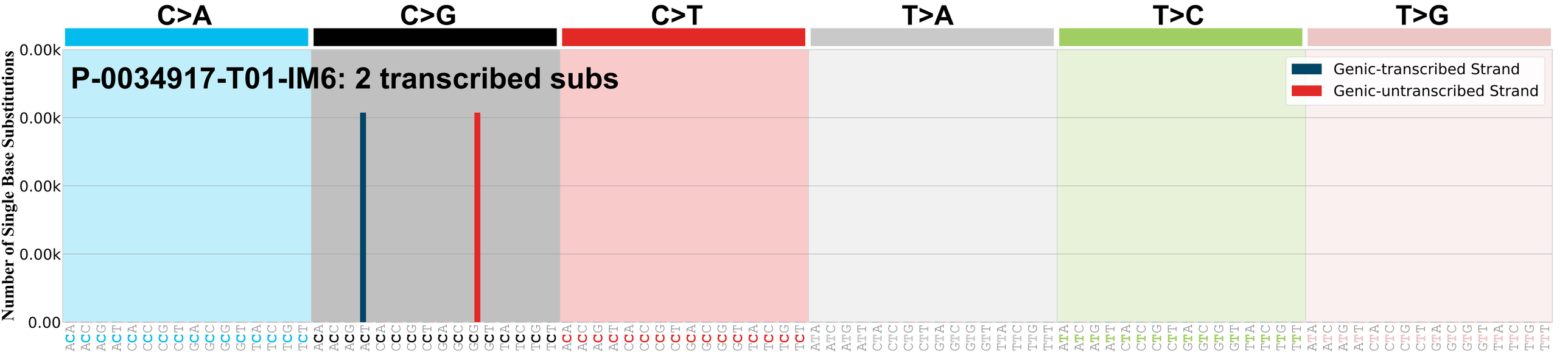

C>A
C>G
C>T
T>A
T>C
T>G
P-0034887-T01-IM6: 0 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k


C>A
C>G
C>T
T>A
T>C
T>G
P-0034916-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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P-0034917-T01-IM6: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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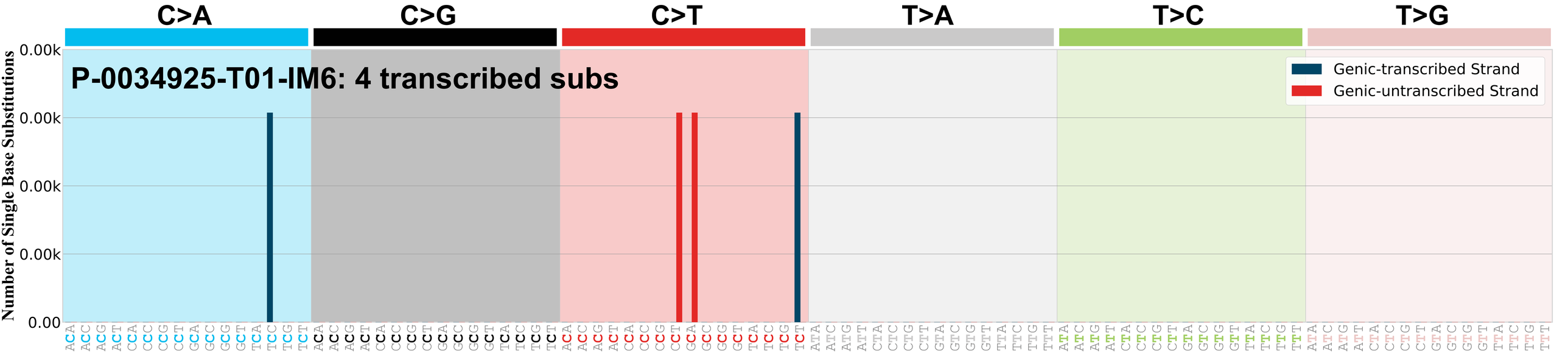
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P-0034925-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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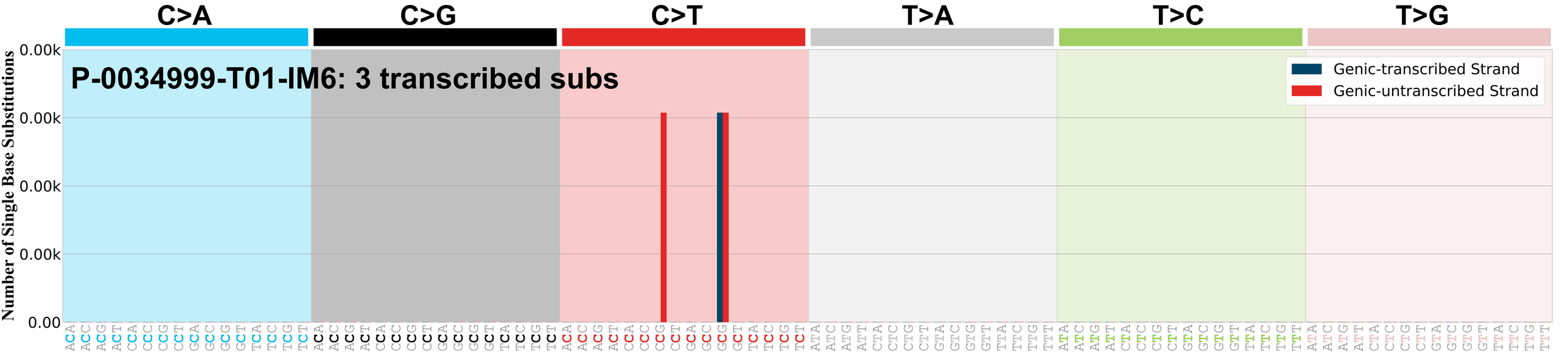
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T>C
T>G
P-0034999-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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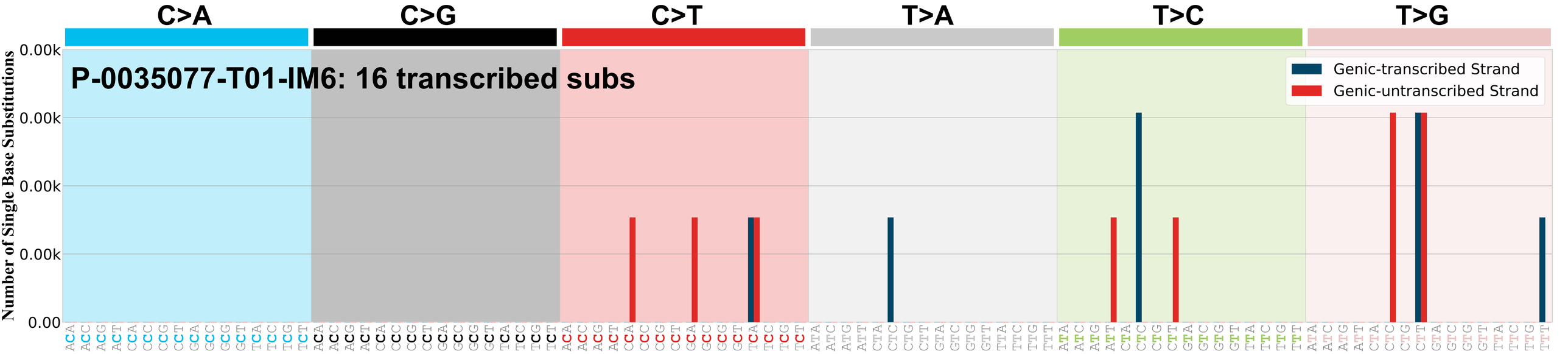
C>A
C>G
C>T
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T>C
T>G
P-0035077-T01-IM6: 16 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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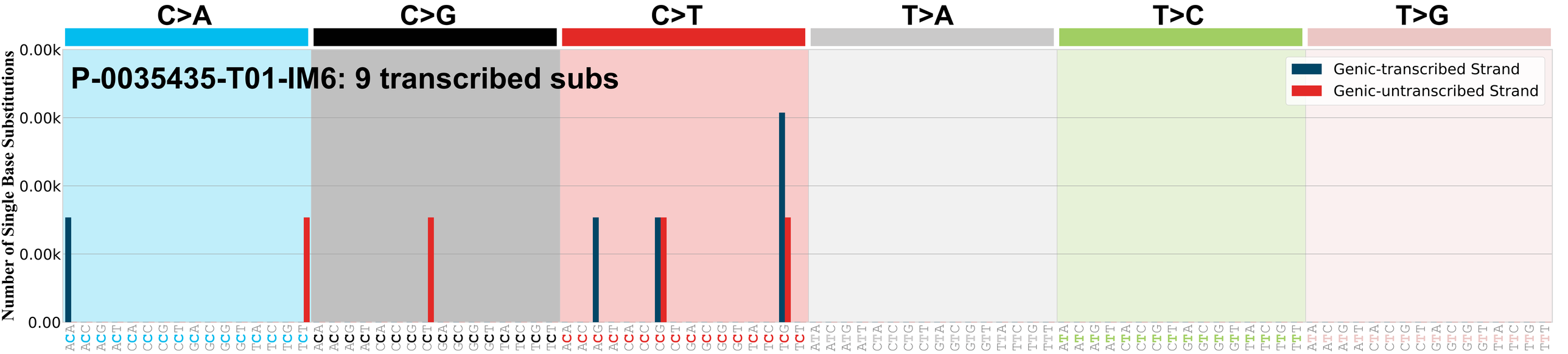
0.00k
0.00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P-0035435-T01-IM6: 9 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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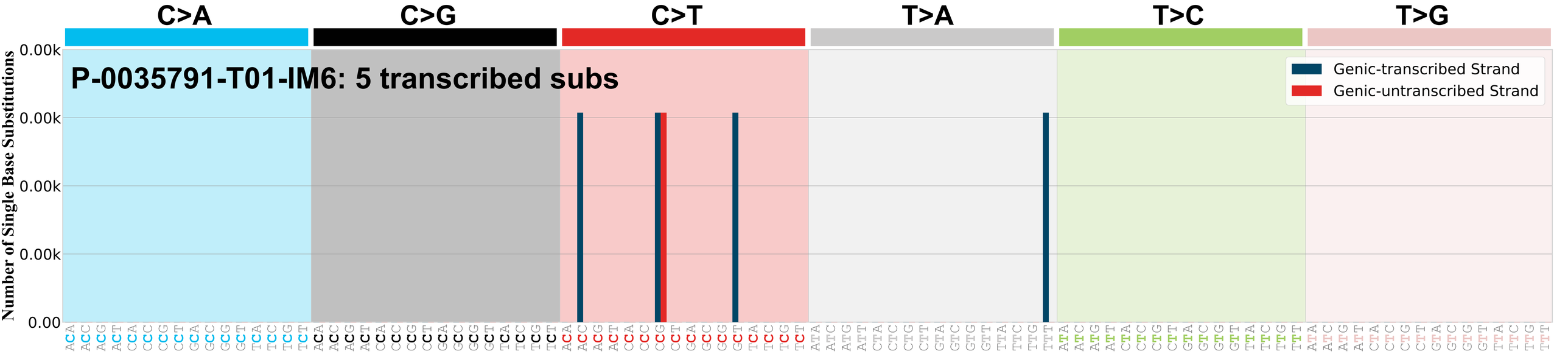
C>A
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C>T
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T>G
P-0035791-T01-IM6: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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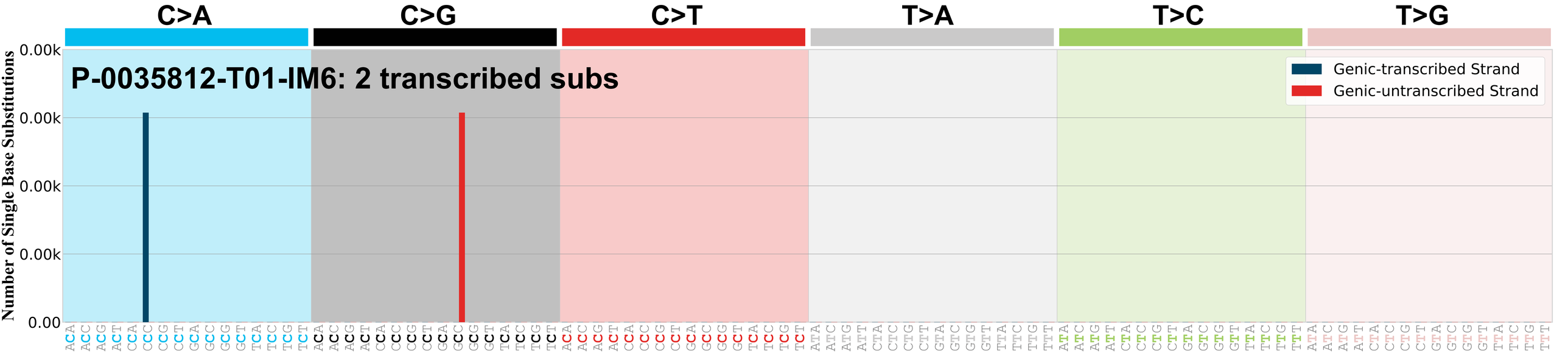
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T>C
T>G
P-0035812-T01-IM6: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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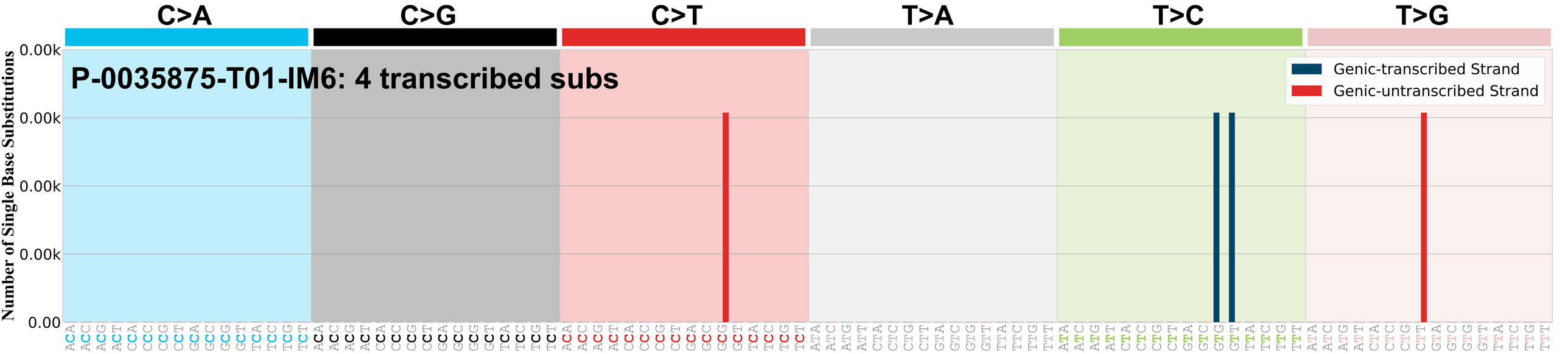
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T>G
P-0035875-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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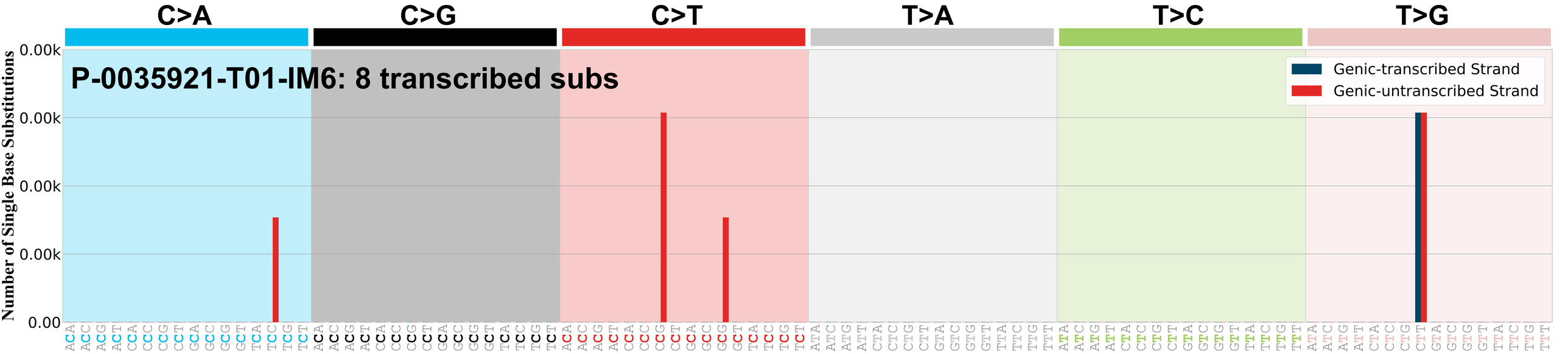
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T>C
T>G
P-0035921-T01-IM6: 8 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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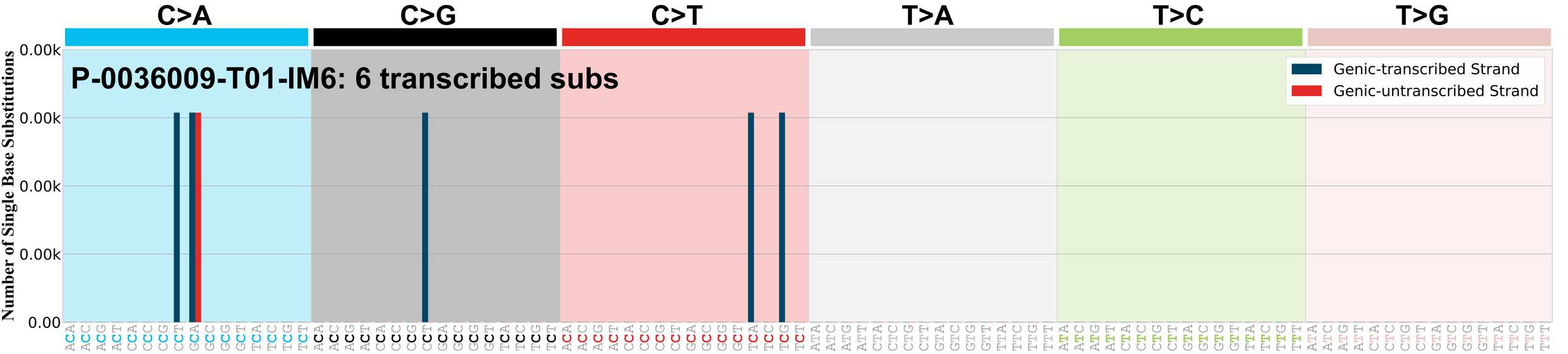
C>A
C>G
C>T
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T>C
T>G
P-0036009-T01-IM6: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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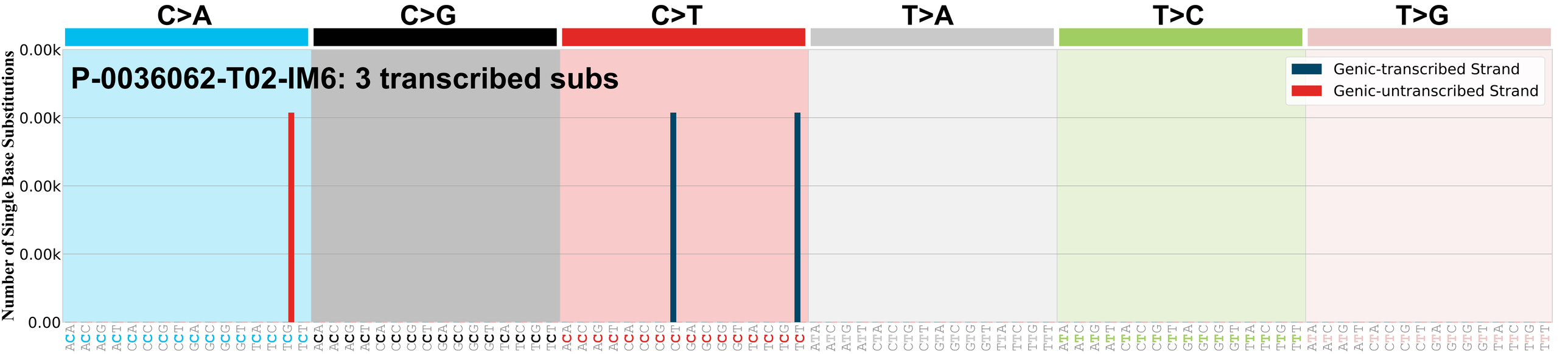
0.00k
0.00k
0.00k
0.00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C>G
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T>A
T>C
T>G
P-0036062-T02-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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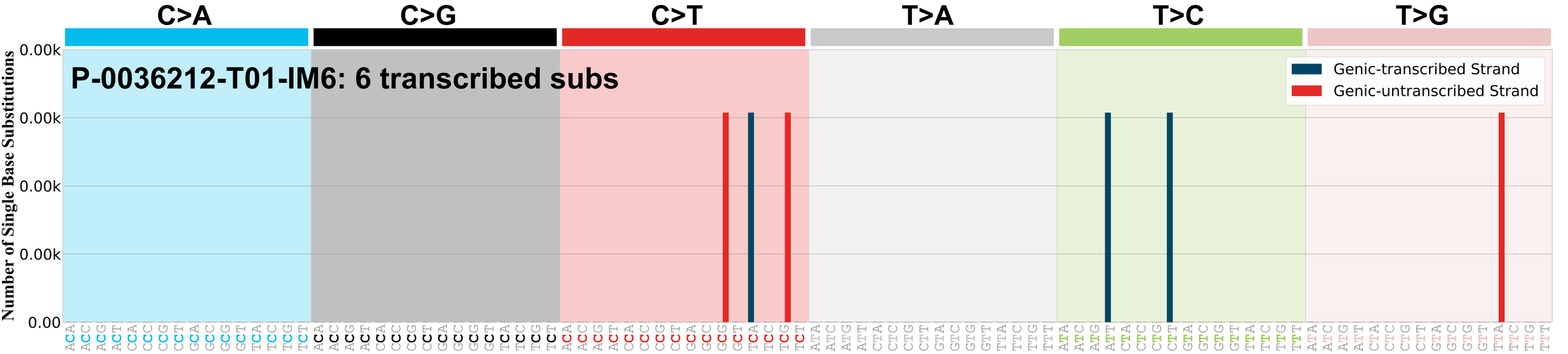
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0036212-T01-IM6: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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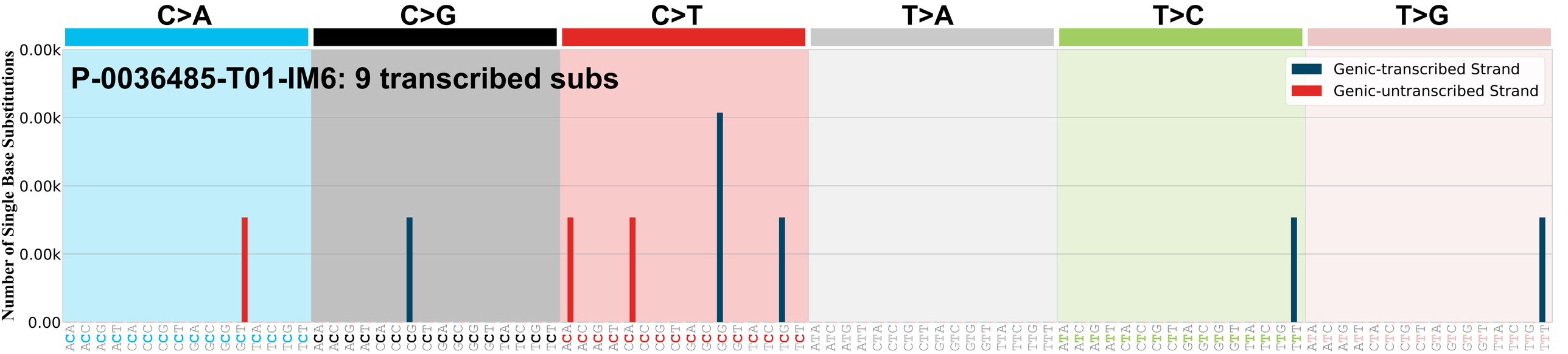
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0036485-T01-IM6: 9 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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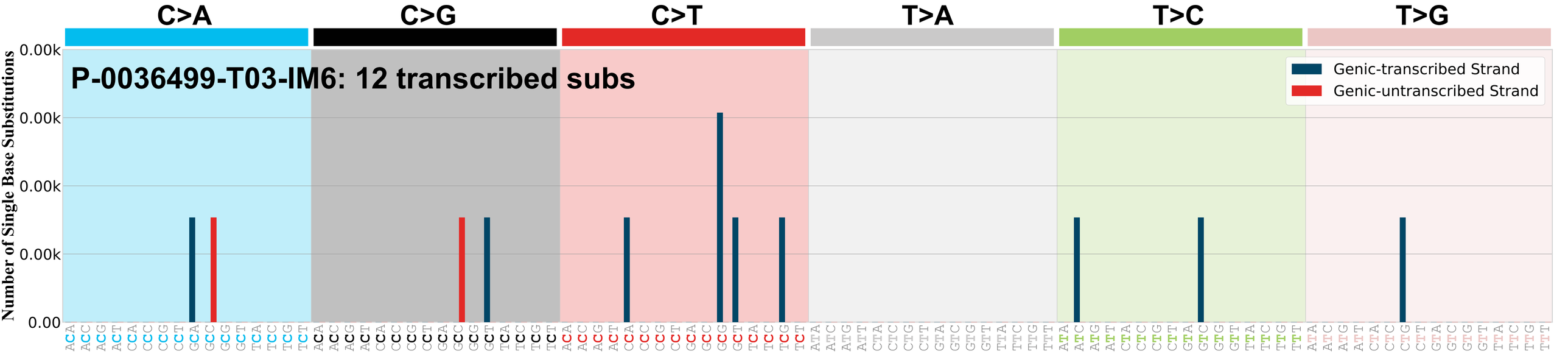
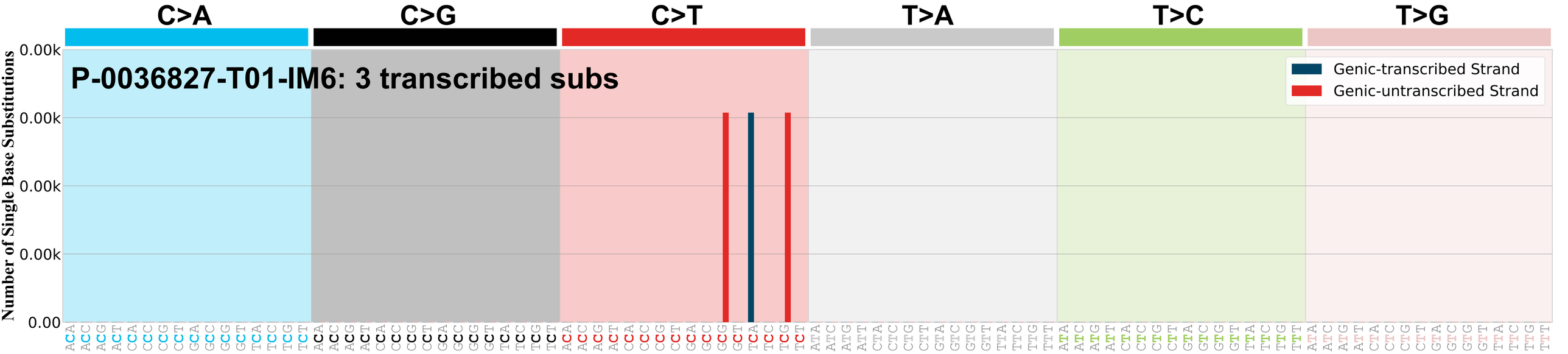
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0036499-T03-IM6: 12 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-0036827-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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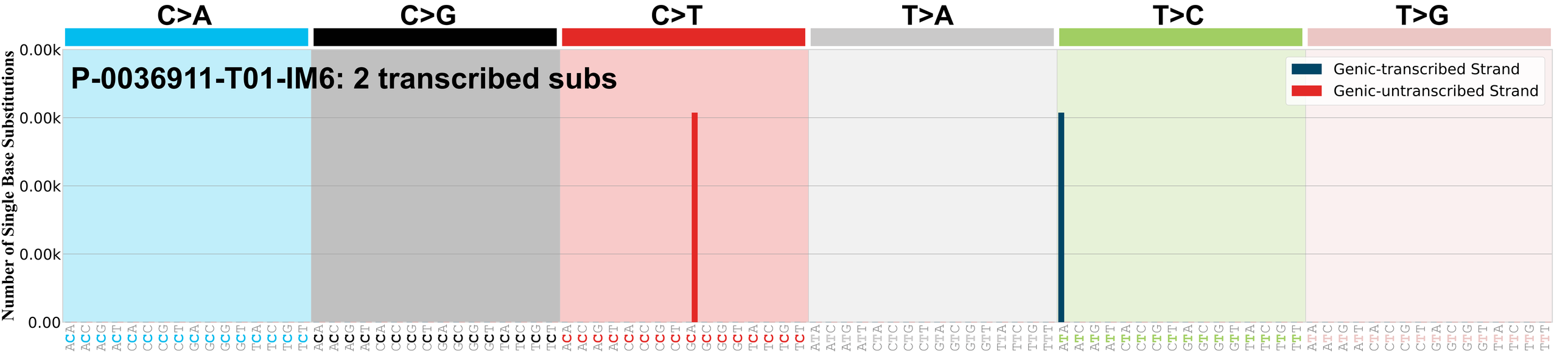
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0036911-T01-IM6: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
0.00k
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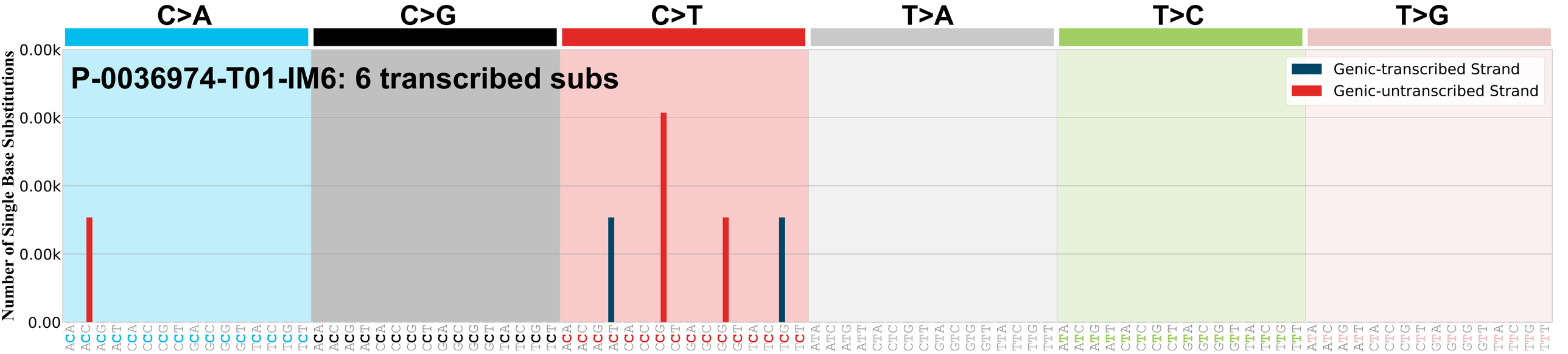
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0036974-T01-IM6: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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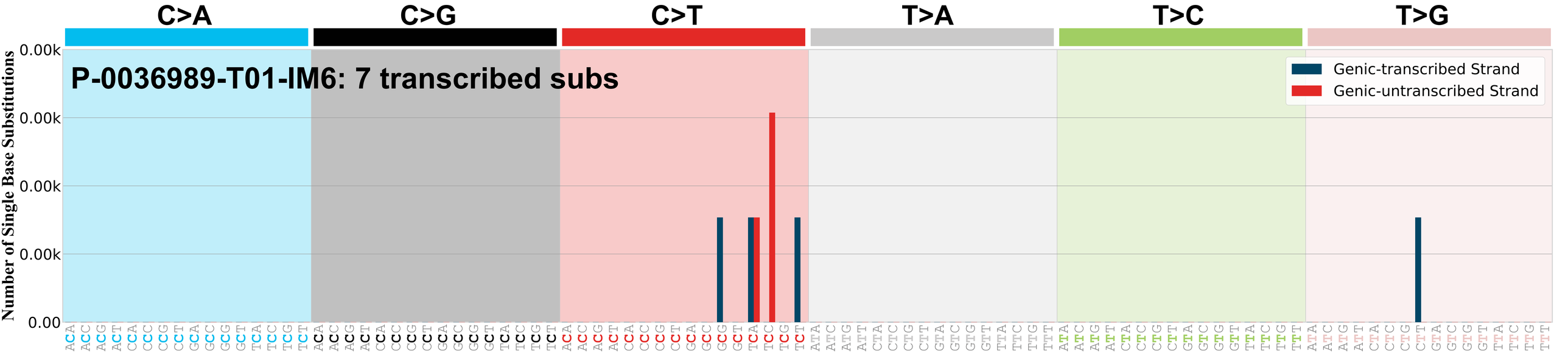
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0036989-T01-IM6: 7 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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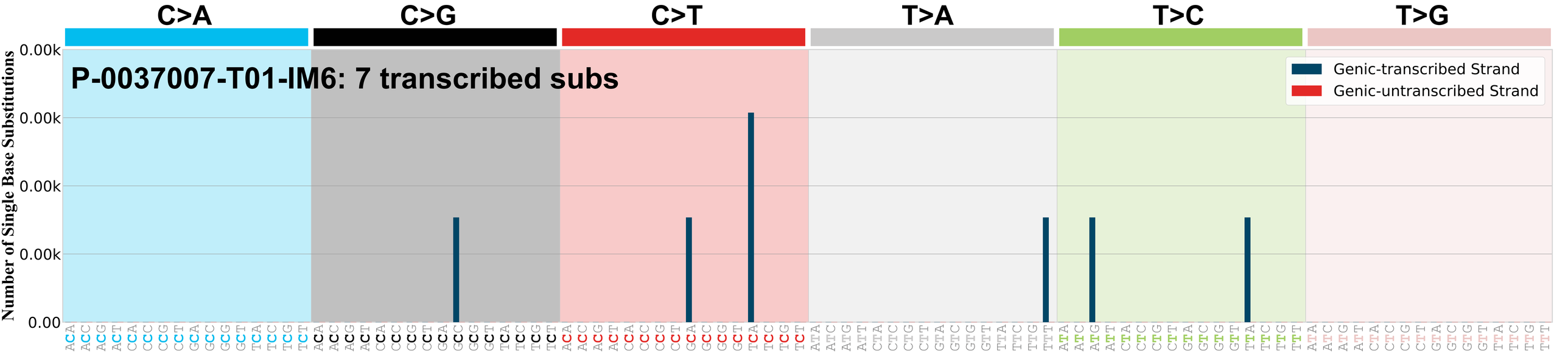
0.00k
0.00k
0.00


C>A
C>G
C>T
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T>C
T>G
P-0037007-T01-IM6: 7 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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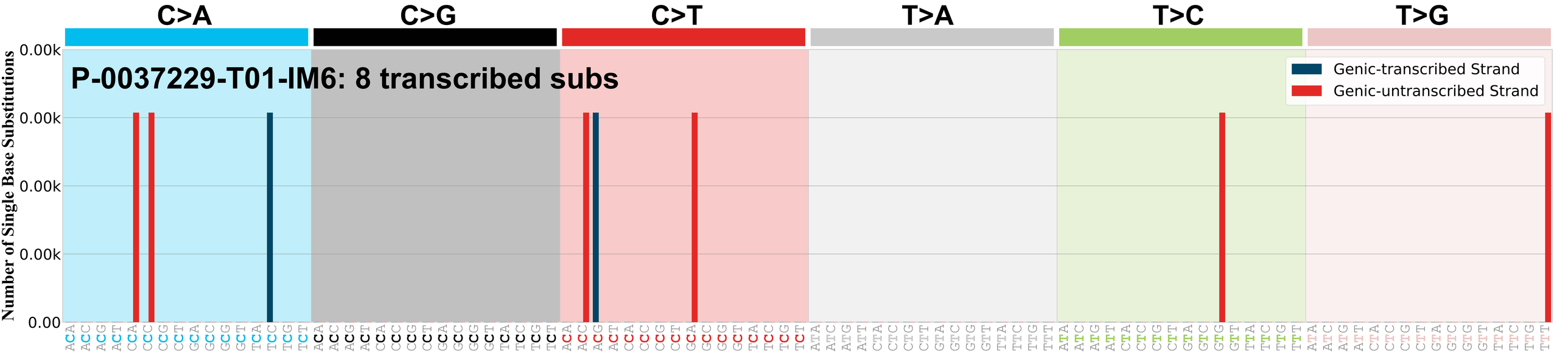
C>A
C>G
C>T
T>A
T>C
T>G
P-0037229-T01-IM6: 8 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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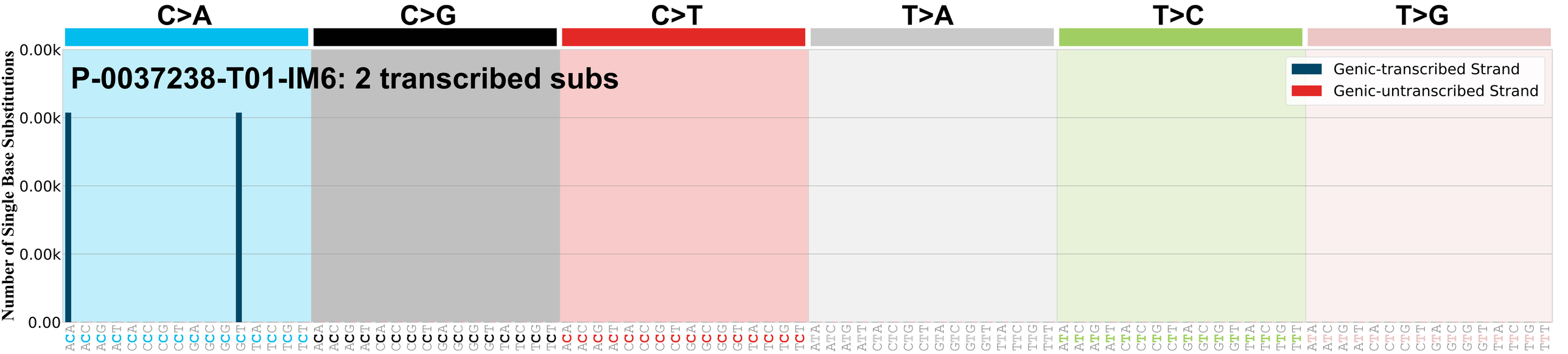
C>A
C>G
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T>A
T>C
T>G
P-0037238-T01-IM6: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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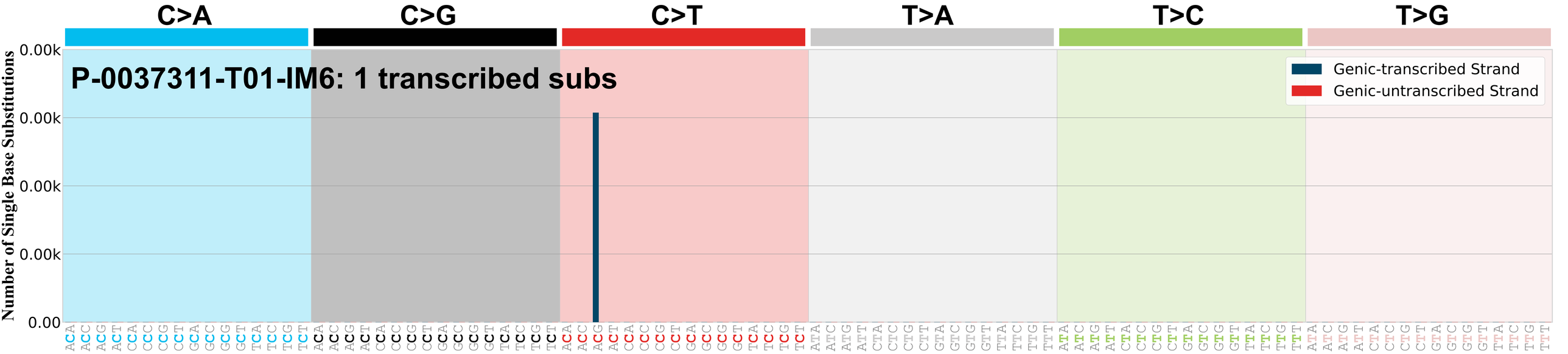
C>A
C>G
C>T
T>A
T>C
T>G
P-0037311-T01-IM6: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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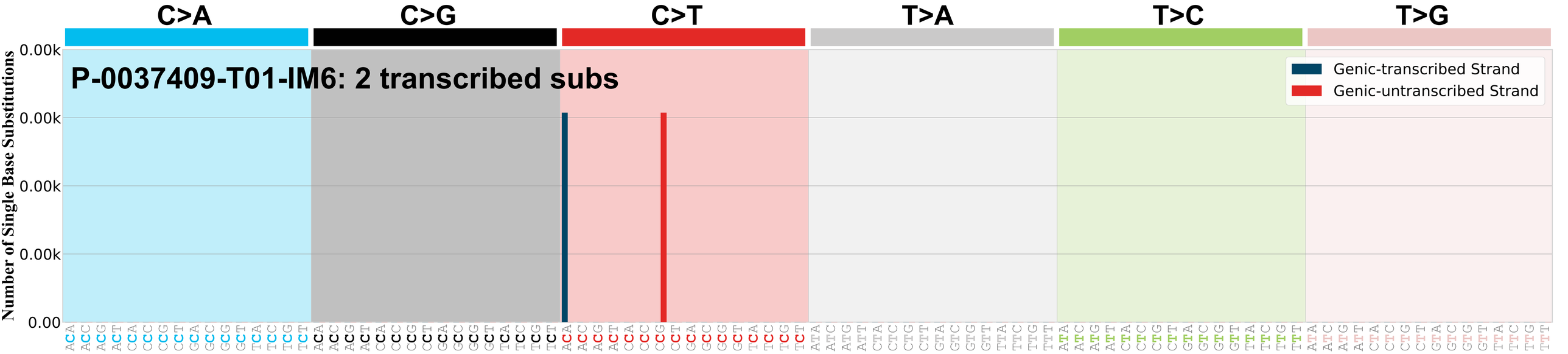
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0037409-T01-IM6: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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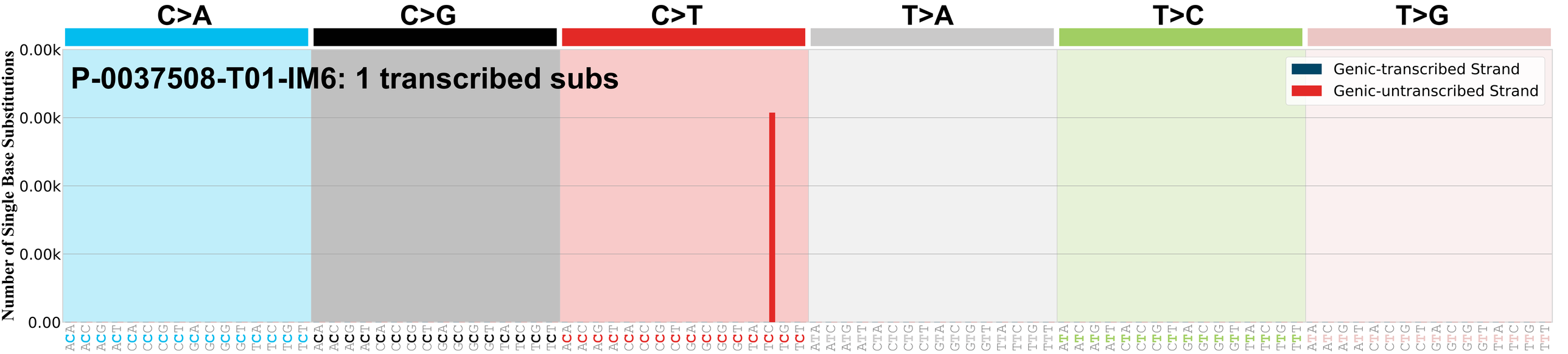
C>A
C>G
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T>A
T>C
T>G
P-0037508-T01-IM6: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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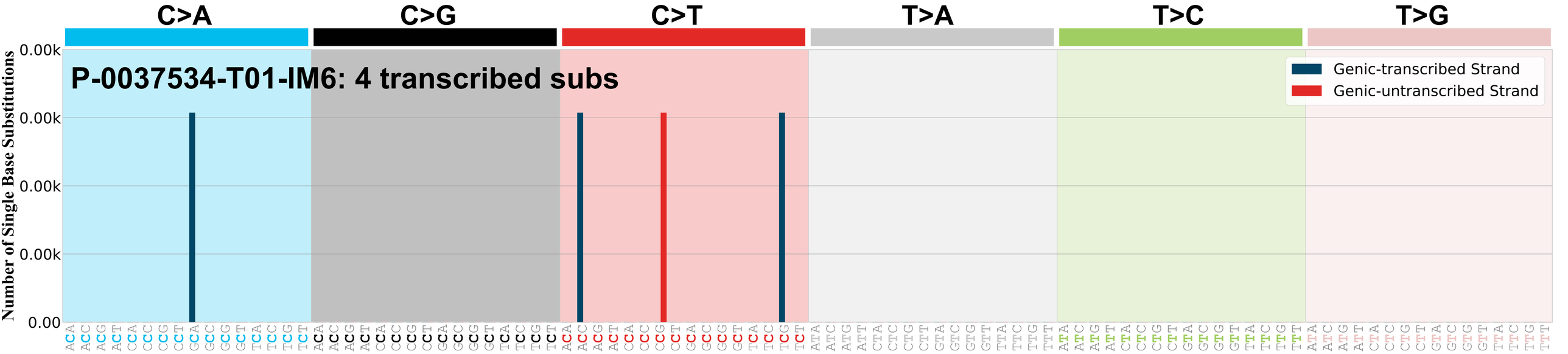
C>A
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T>C
T>G
P-0037534-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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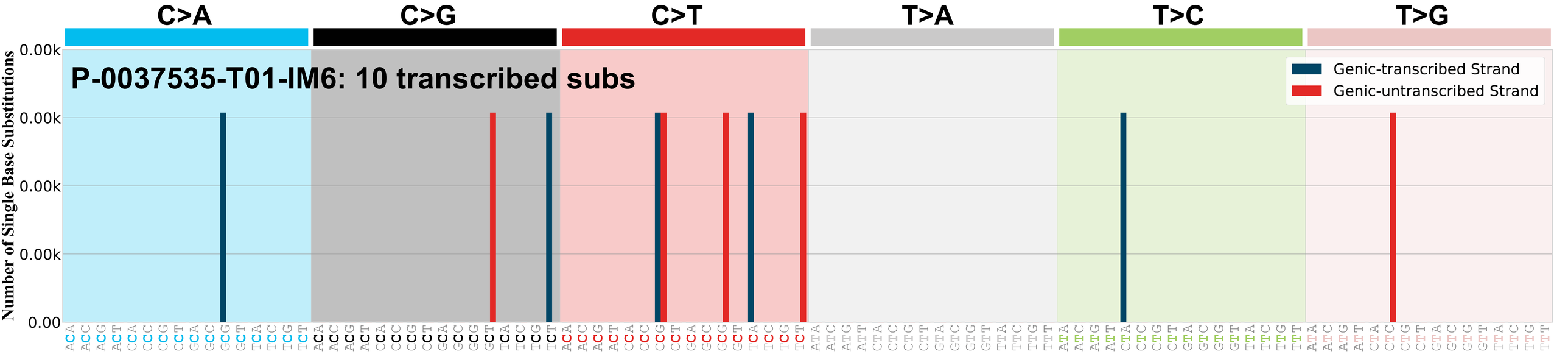
C>A
C>G
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T>C
T>G
P-0037535-T01-IM6: 10 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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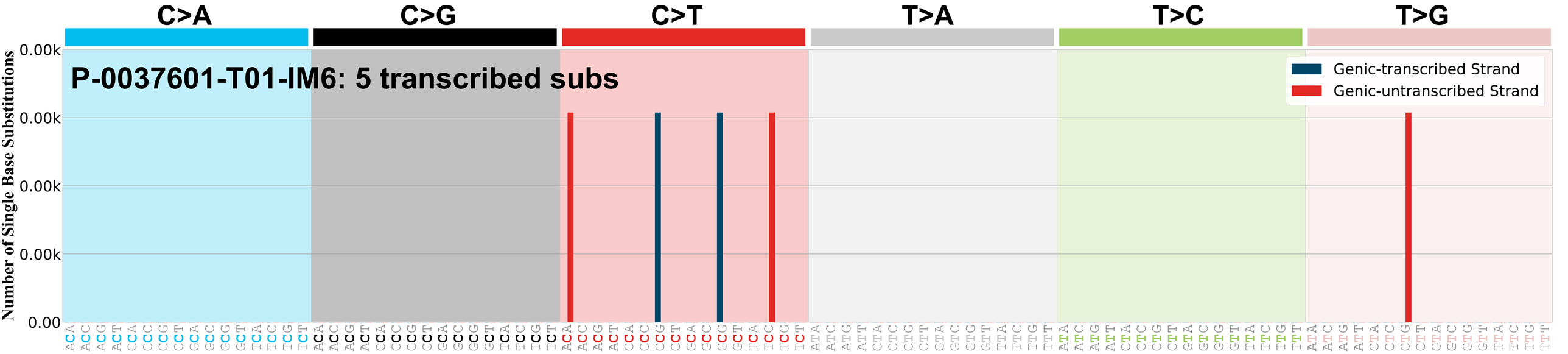
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T>C
T>G
P-0037601-T01-IM6: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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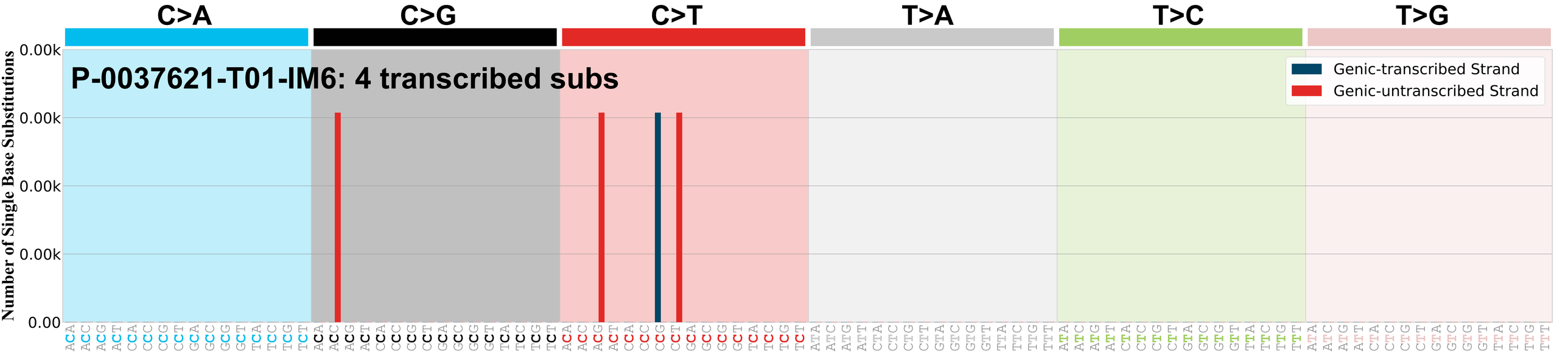
C>A
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C>T
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T>C
T>G
P-0037621-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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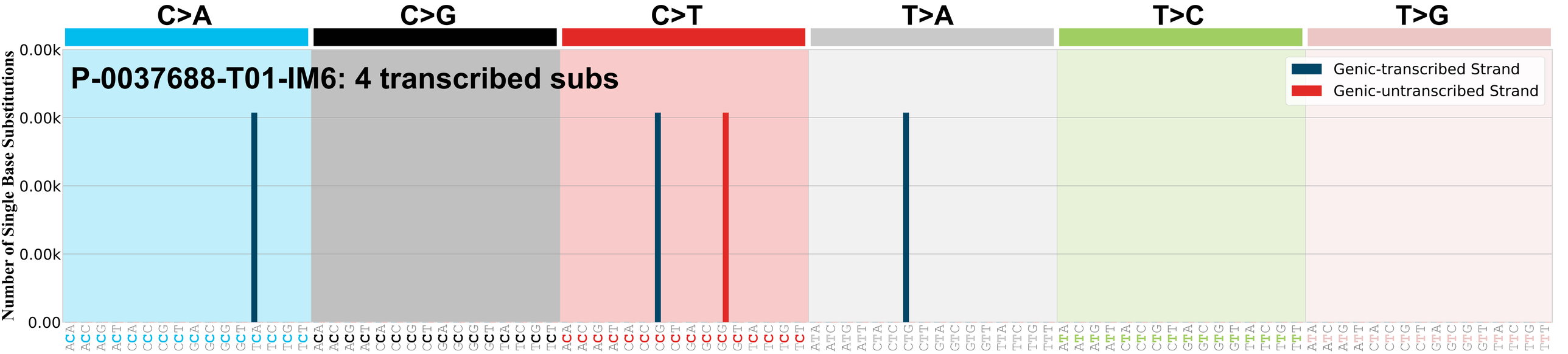
C>A
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C>T
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T>C
T>G
P-0037688-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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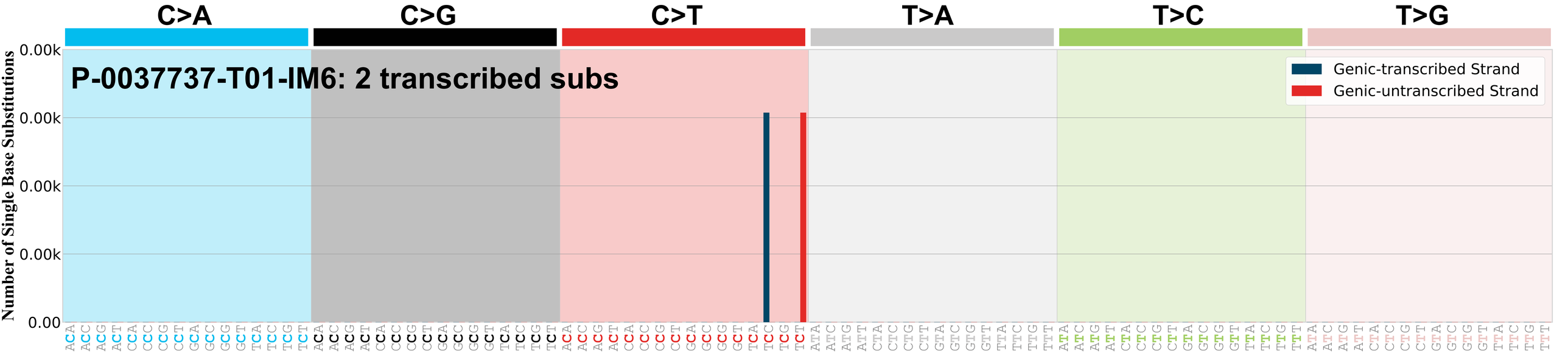
C>A
C>G
C>T
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T>C
T>G
P-0037737-T01-IM6: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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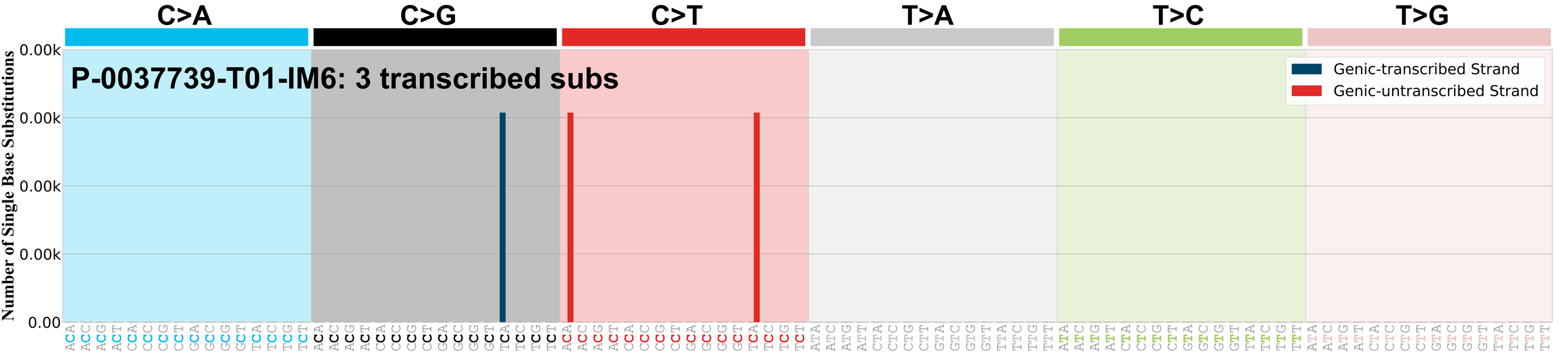
C>A
C>G
C>T
T>A
T>C
T>G
P-0037739-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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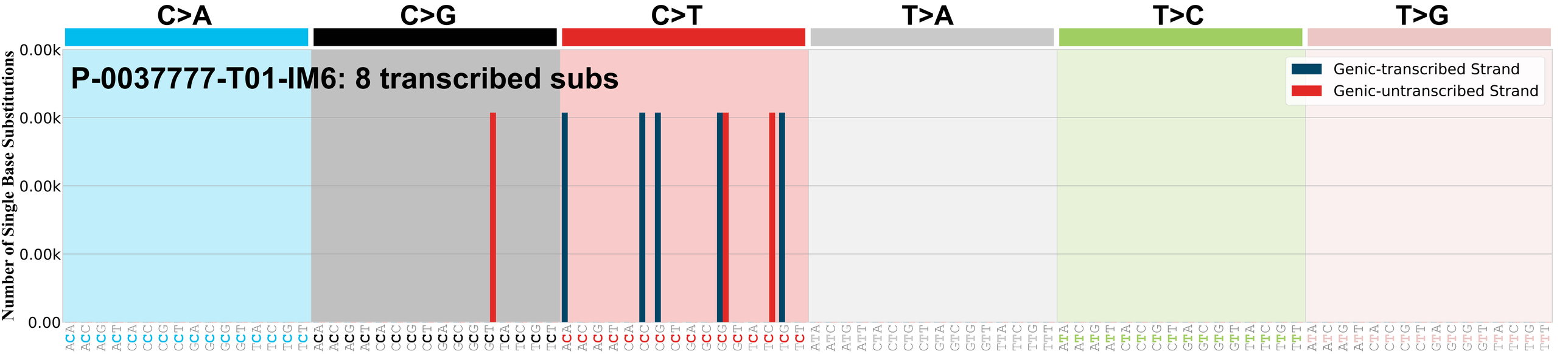
C>A
C>G
C>T
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T>C
T>G
P-0037777-T01-IM6: 8 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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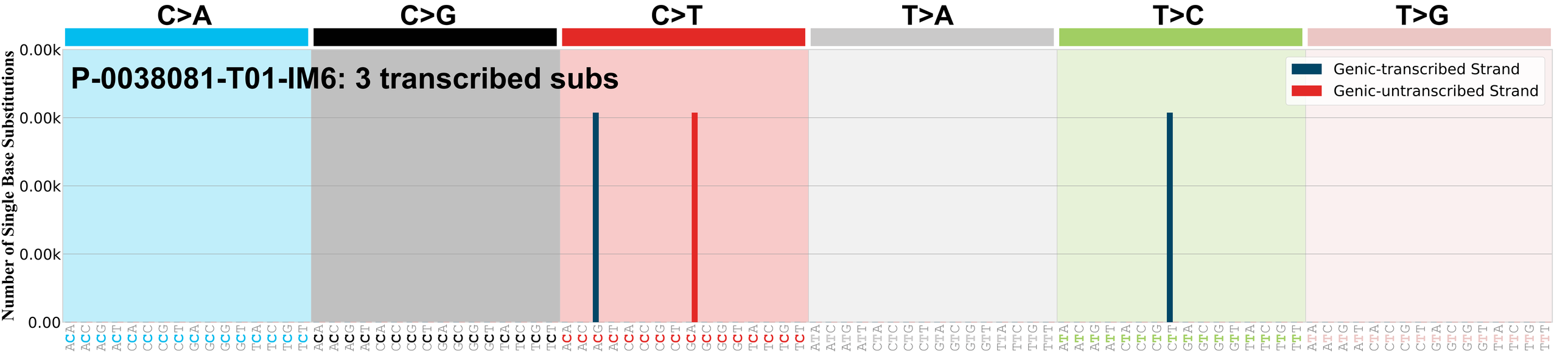
C>A
C>G
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T>C
T>G
P-0038081-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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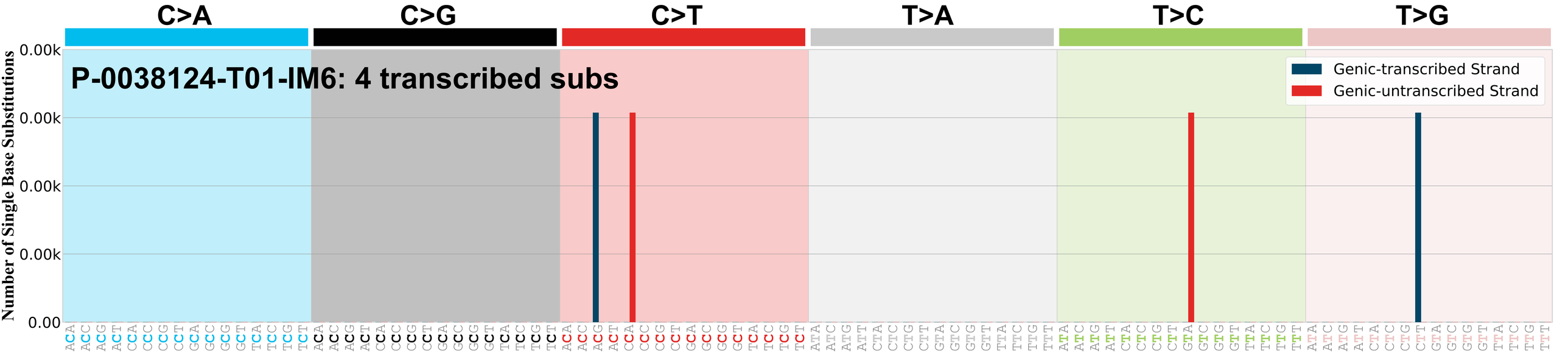
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T>C
T>G
P-0038124-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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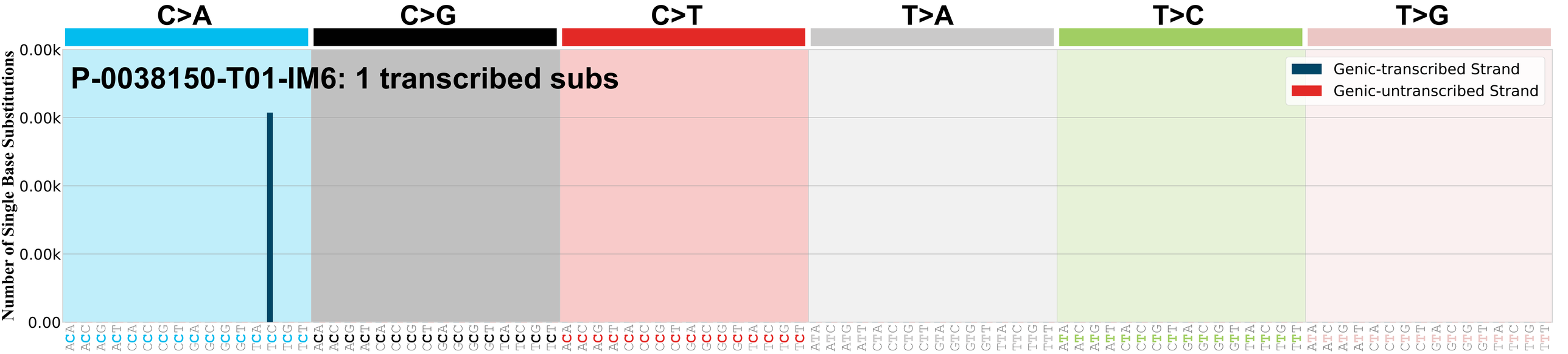
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P-0038150-T01-IM6: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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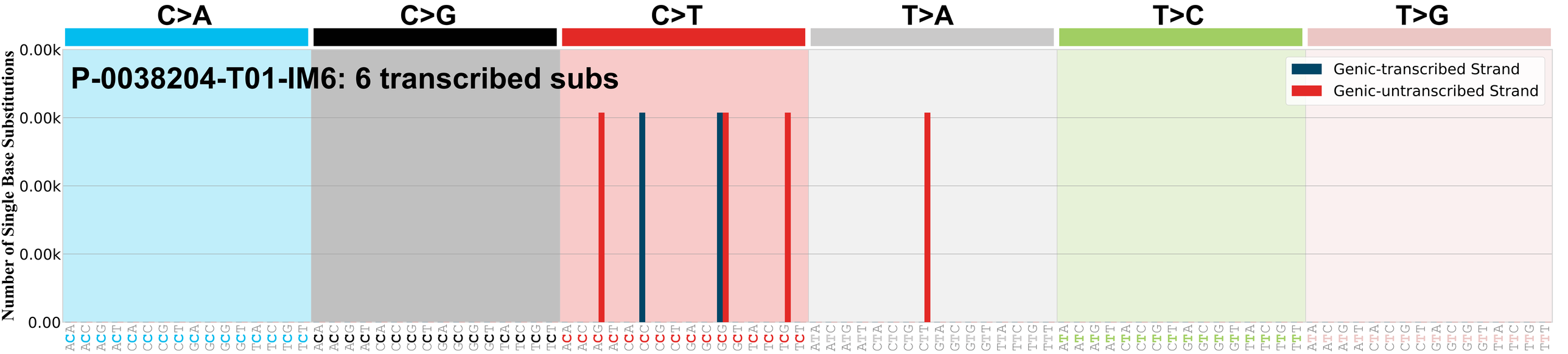
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T>C
T>G
P-0038204-T01-IM6: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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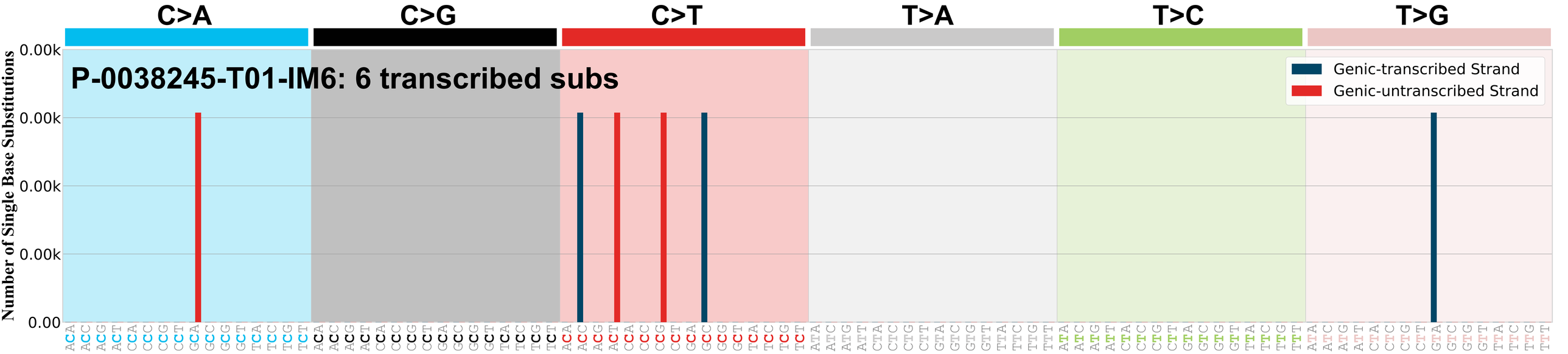
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C>T
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T>C
T>G
P-0038245-T01-IM6: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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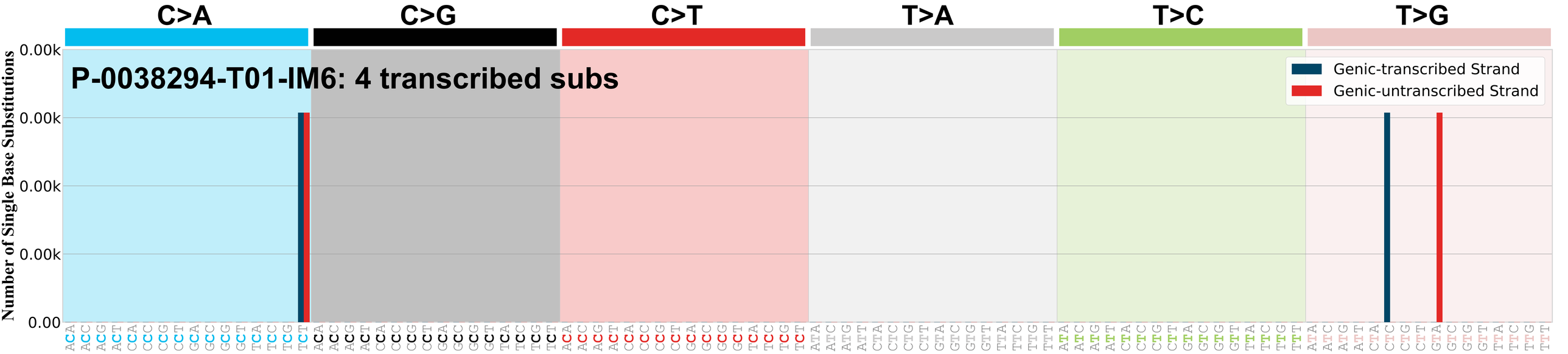
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P-0038294-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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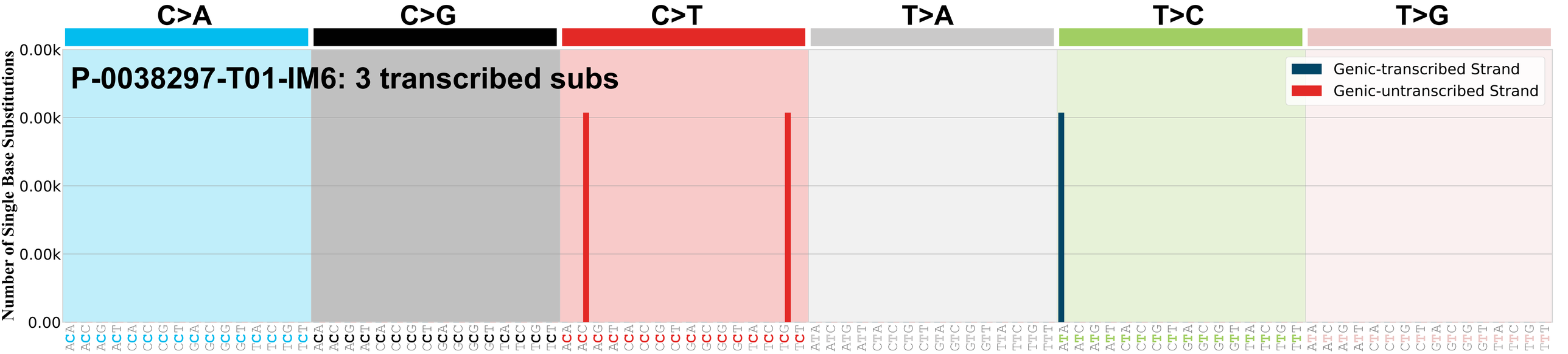
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T>C
T>G
P-0038297-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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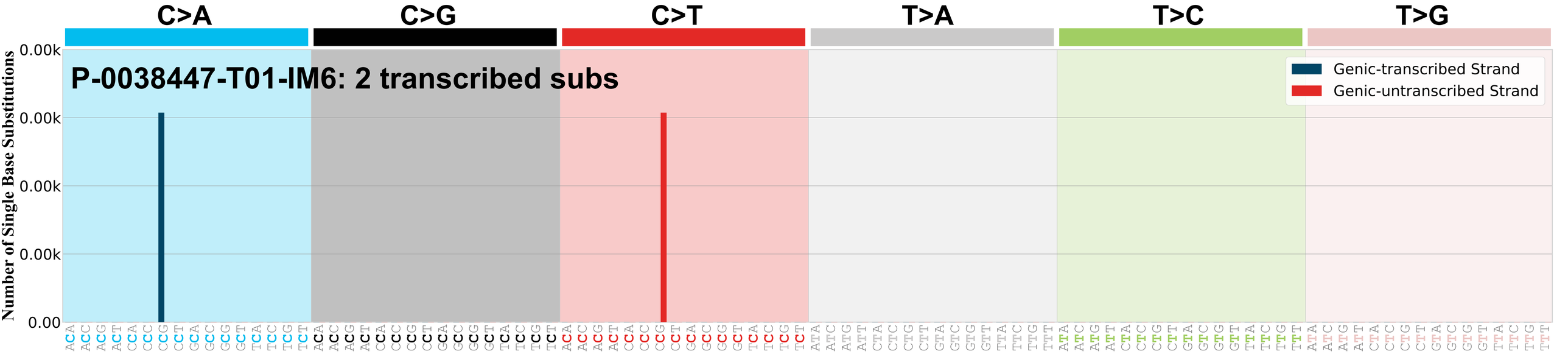
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P-0038447-T01-IM6: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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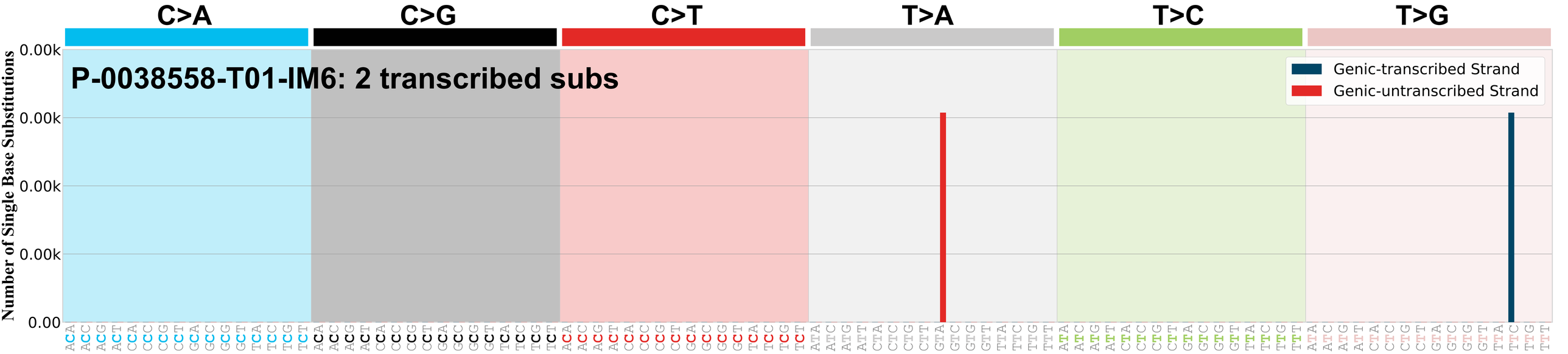
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C>G
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T>C
T>G
P-0038558-T01-IM6: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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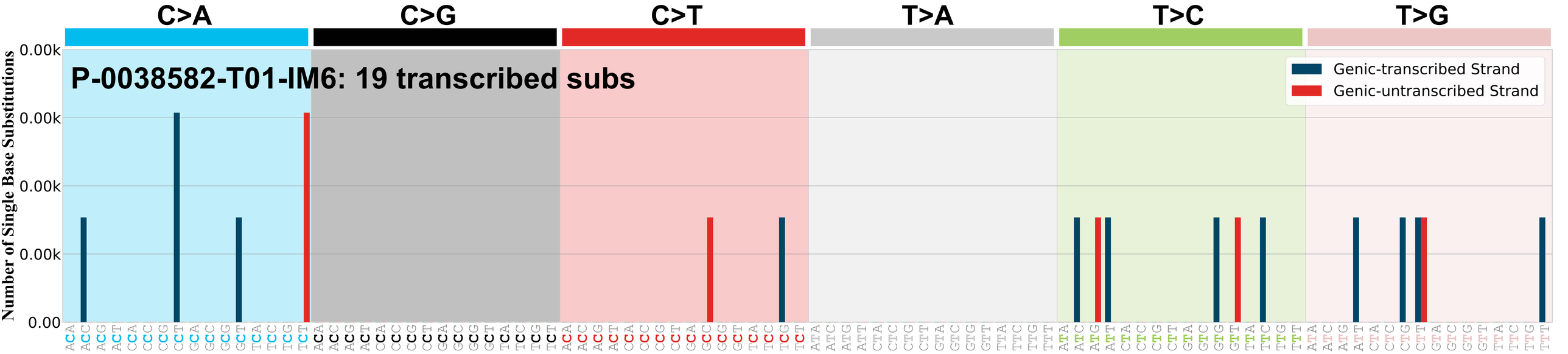
C>A
C>G
C>T
T>A
T>C
T>G
P-0038582-T01-IM6: 19 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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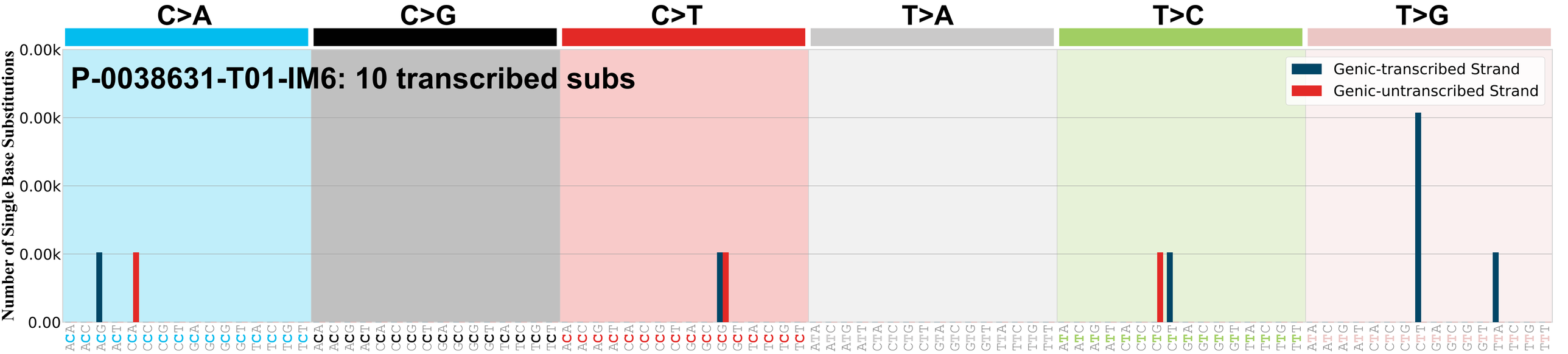
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0038631-T01-IM6: 10 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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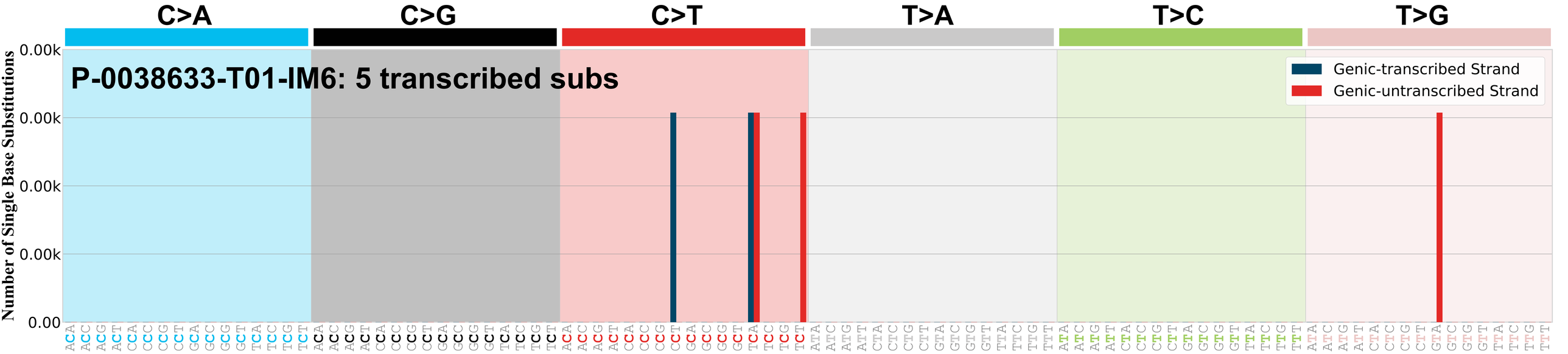
0.00k
0.00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T>C
T>G
P-0038633-T01-IM6: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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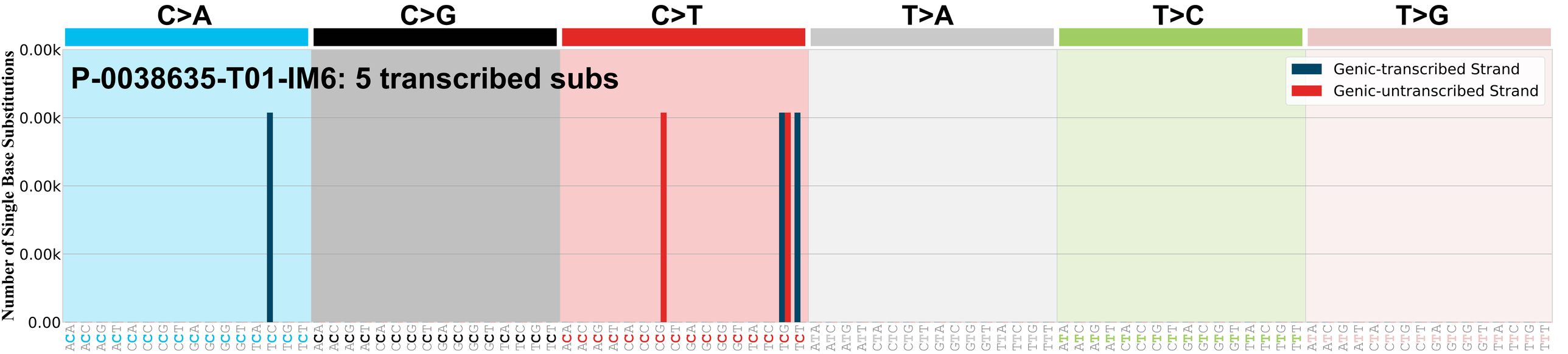
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C>G
C>T
T>A
T>C
T>G
P-0038635-T01-IM6: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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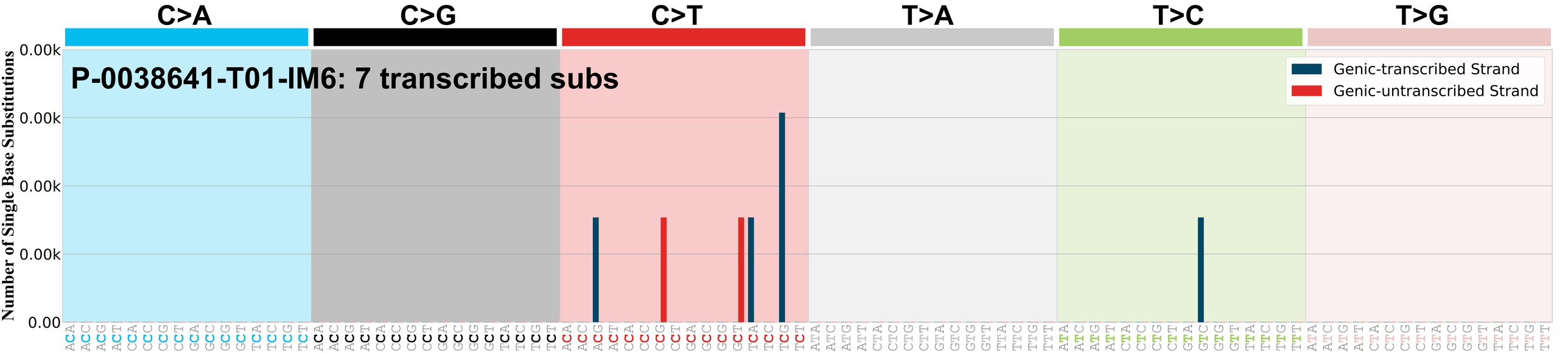
C>A
C>G
C>T
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T>C
T>G
P-0038641-T01-IM6: 7 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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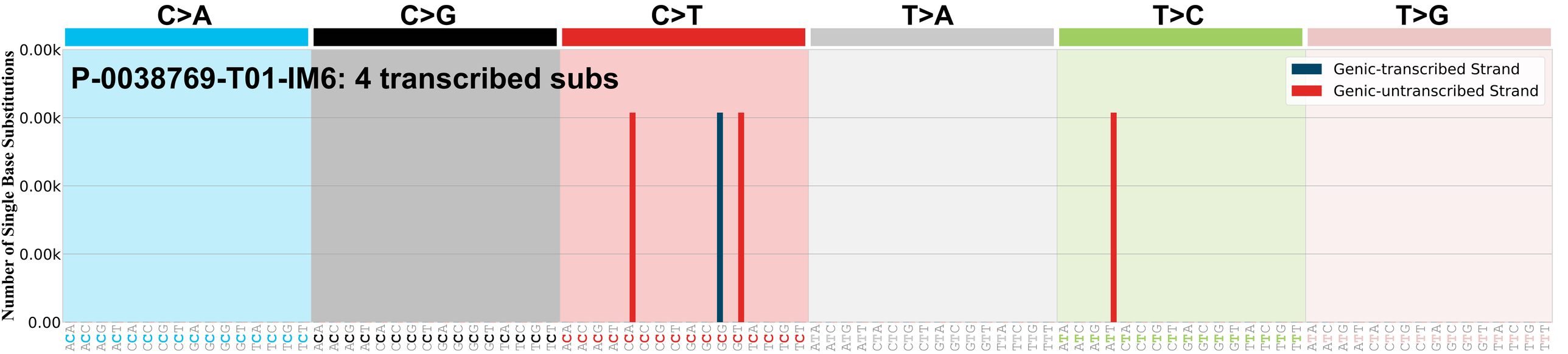
0.00k
0.00k
0.00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C>G
C>T
T>A
T>C
T>G
P-0038769-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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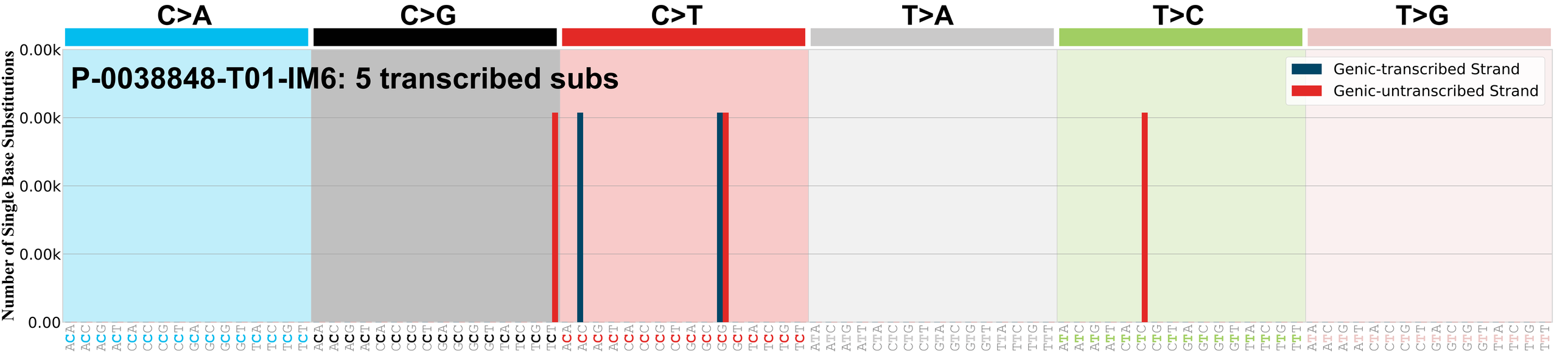
C>A
C>G
C>T
T>A
T>C
T>G
P-0038848-T01-IM6: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
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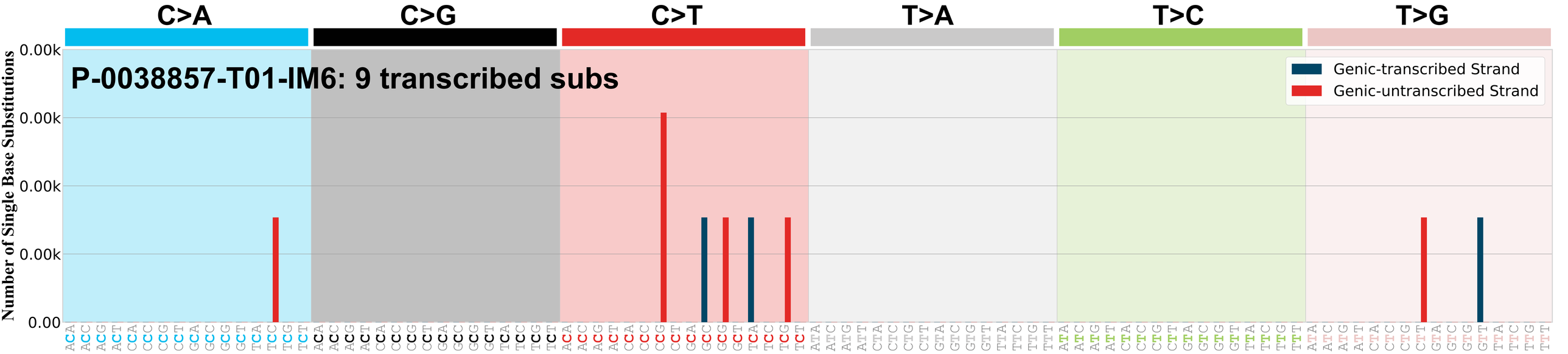
C>A
C>G
C>T
T>A
T>C
T>G
P-0038857-T01-IM6: 9 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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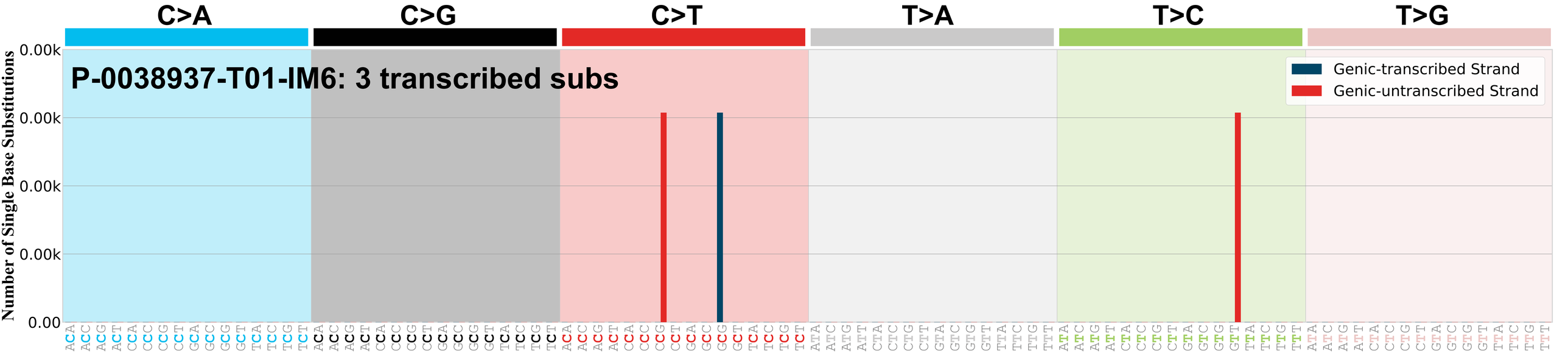
0.00k
0.00k
0.00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T>C
T>G
P-0038937-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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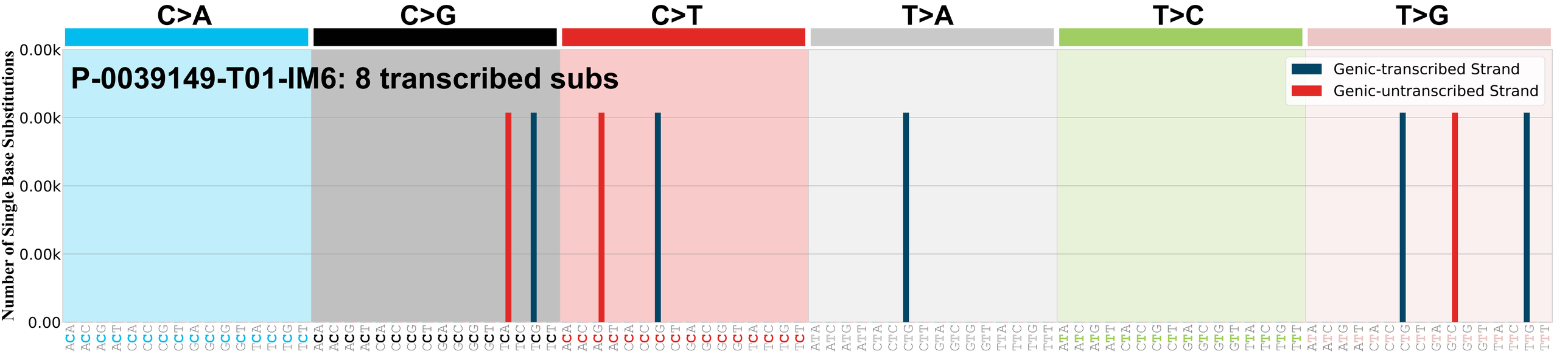
C>A
C>G
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T>C
T>G
P-0039149-T01-IM6: 8 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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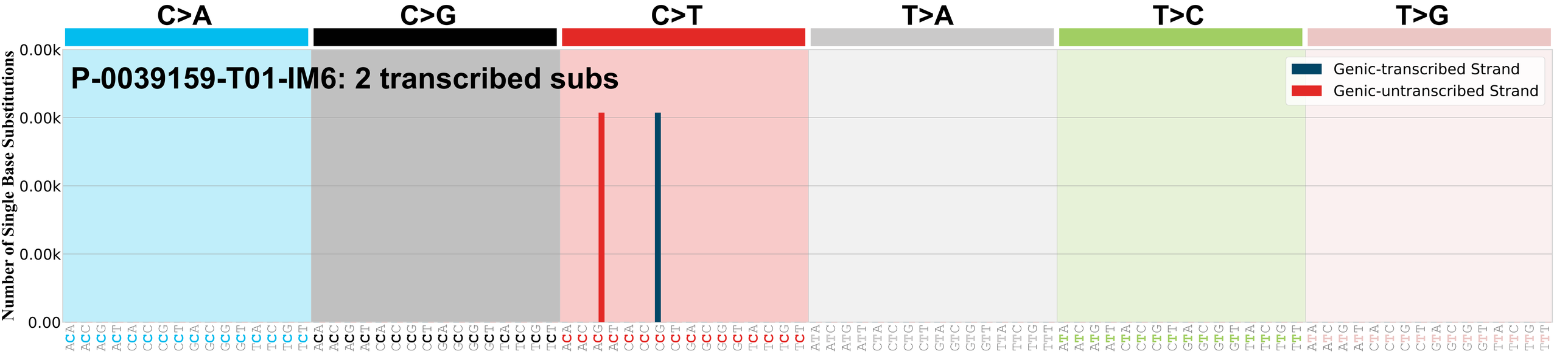
0.00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T>C
T>G
P-0039159-T01-IM6: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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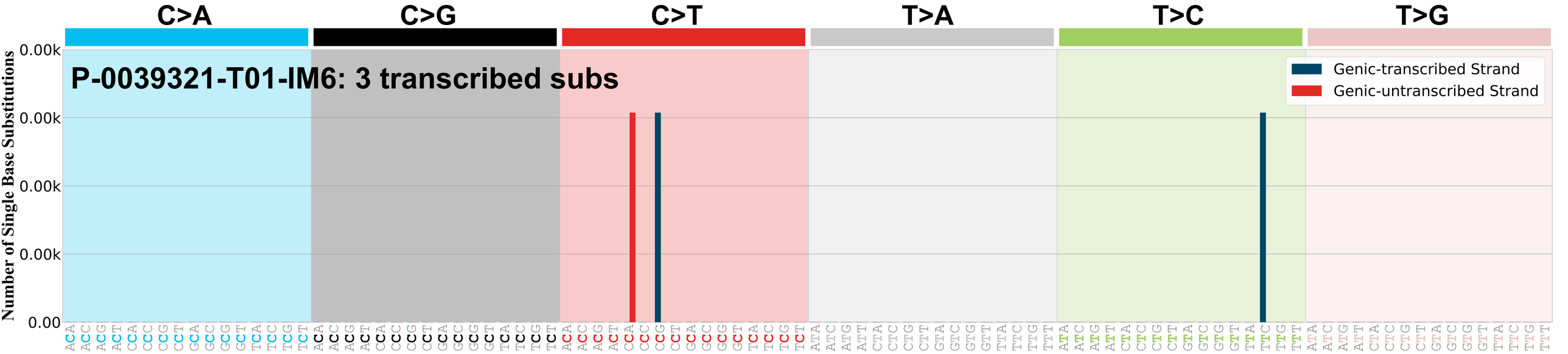
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T>C
T>G
P-0039321-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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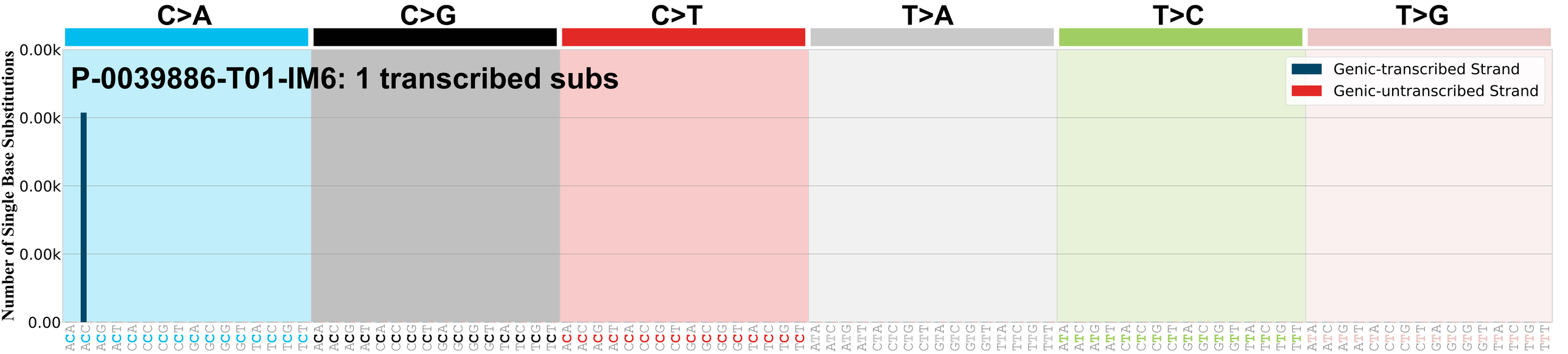
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T>G
P-0039886-T01-IM6: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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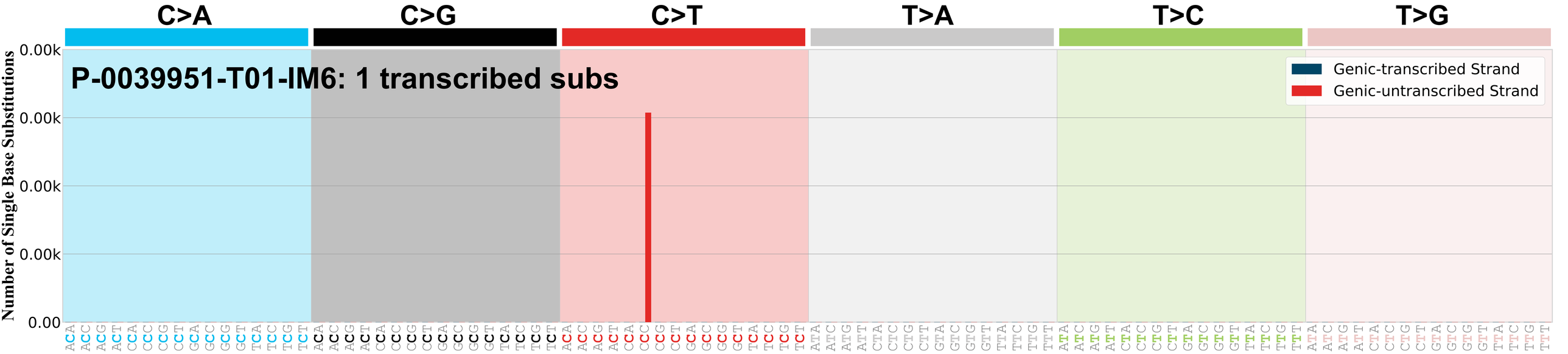
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T>C
T>G
P-0039951-T01-IM6: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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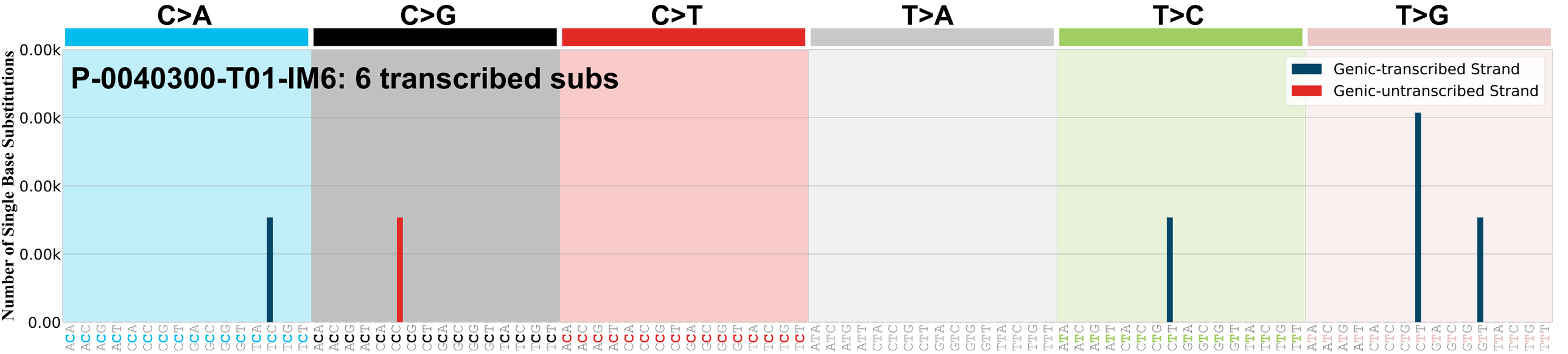
C>A
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T>C
T>G
P-0040300-T01-IM6: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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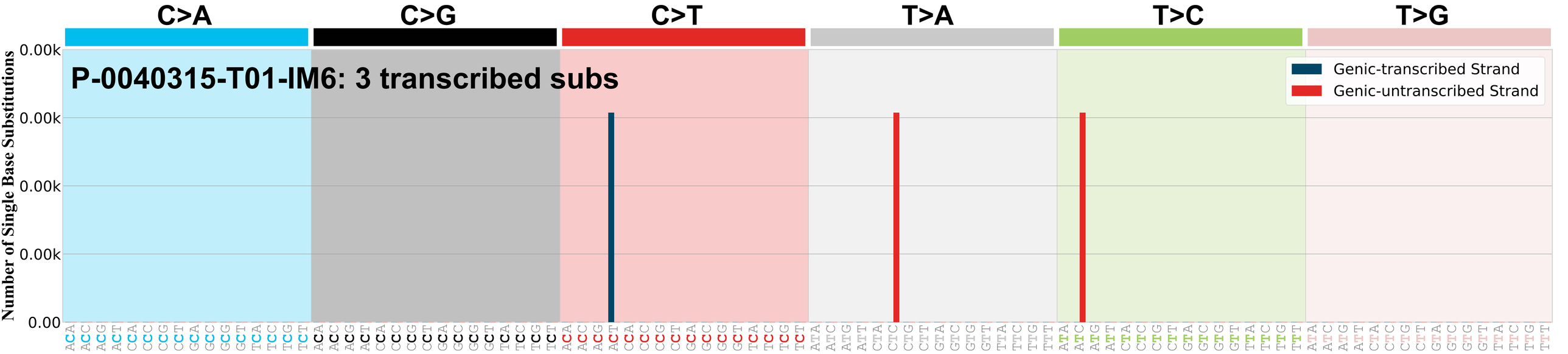
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T>G
P-0040315-T01-IM6: 3 transcribed subs
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Genic-untranscribed Strand
Number of Single Base Substitutions
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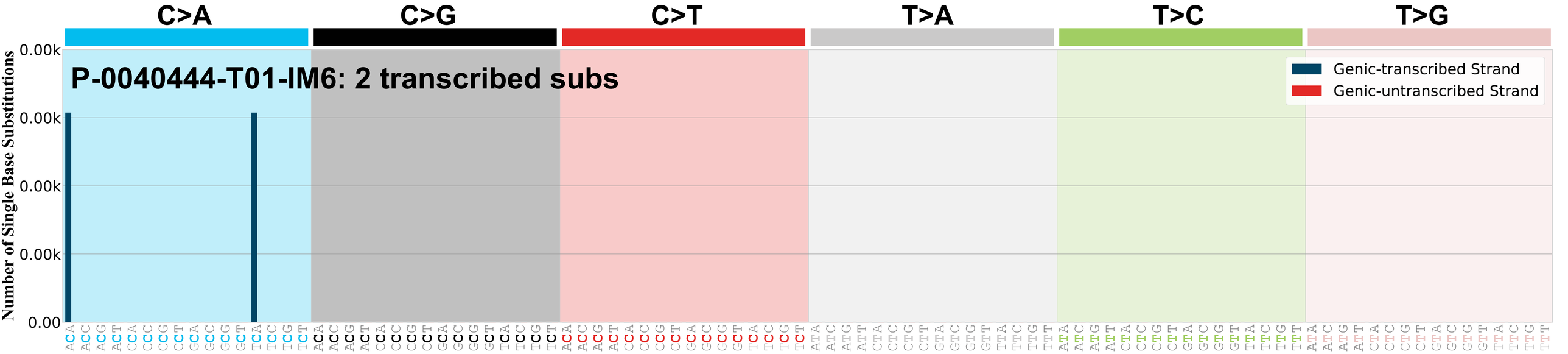
C>A
C>G
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T>C
T>G
P-0040444-T01-IM6: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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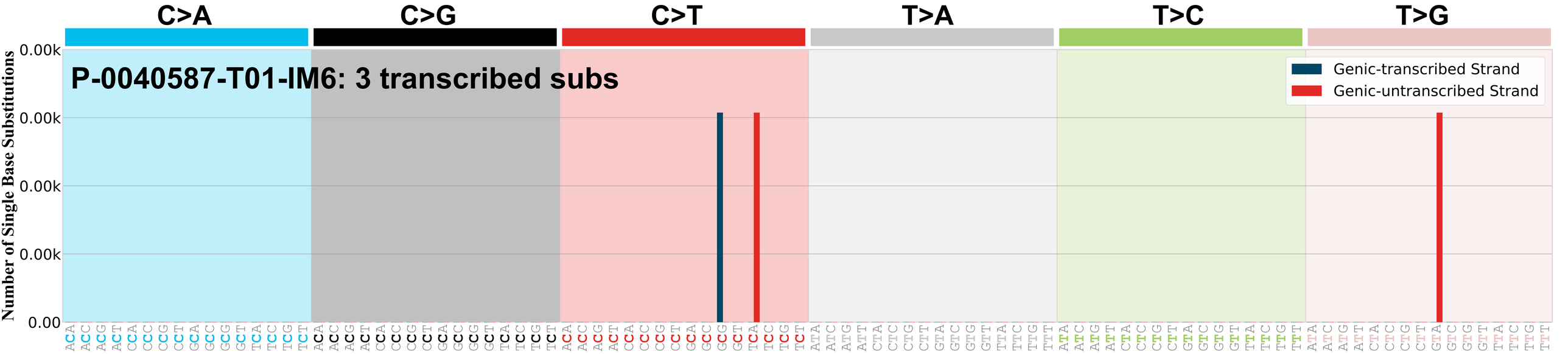
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T>C
T>G
P-0040587-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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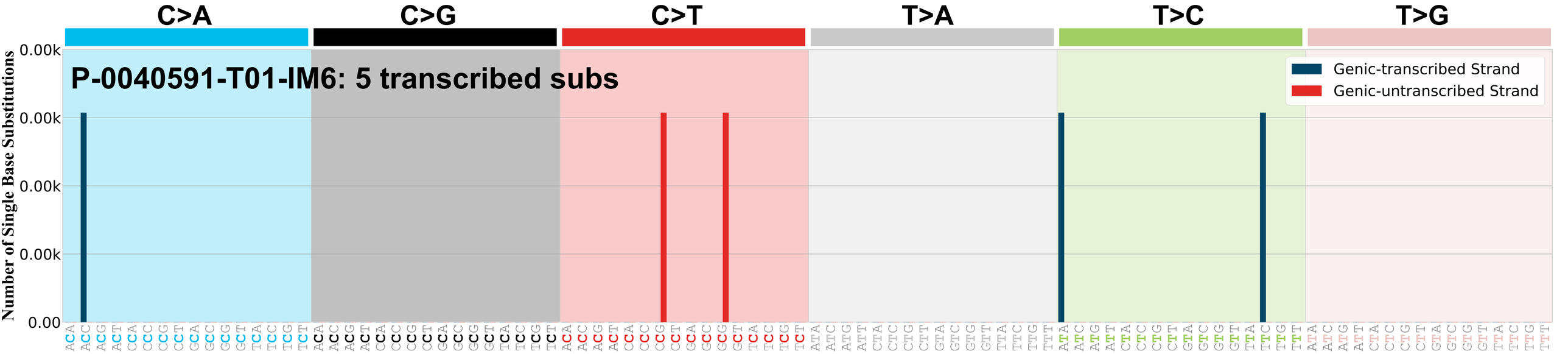
C>A
C>G
C>T
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T>C
T>G
P-0040591-T01-IM6: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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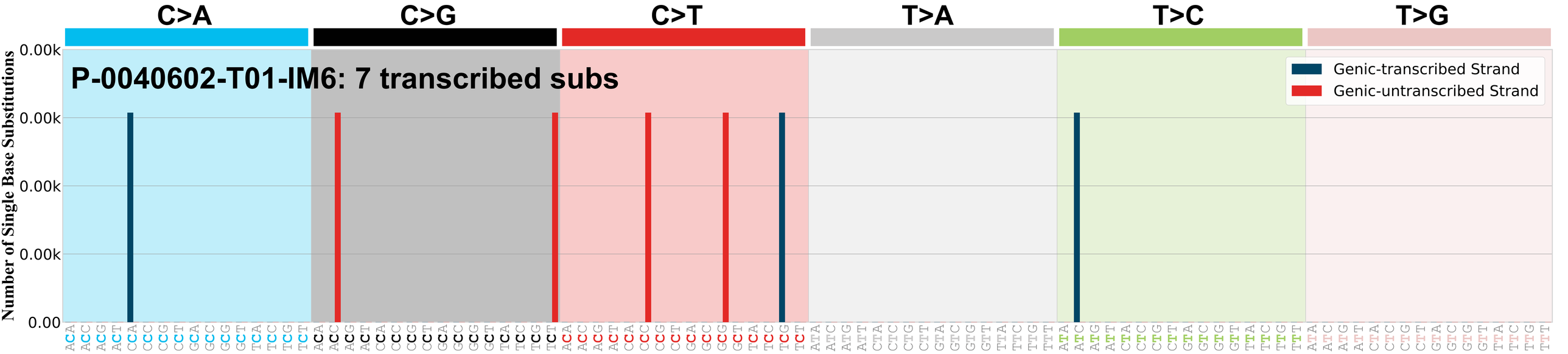
C>A
C>G
C>T
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T>C
T>G
P-0040602-T01-IM6: 7 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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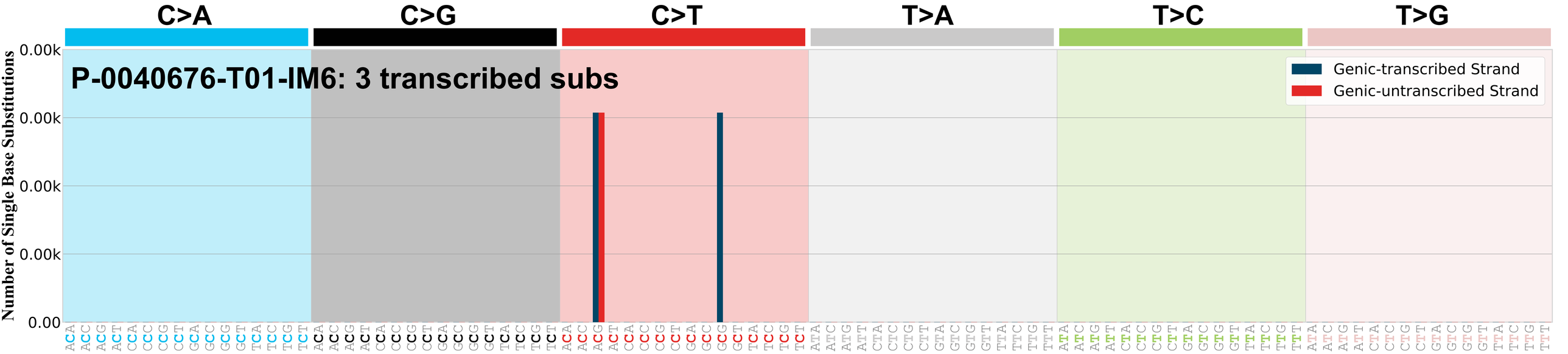
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C>G
C>T
T>A
T>C
T>G
P-0040676-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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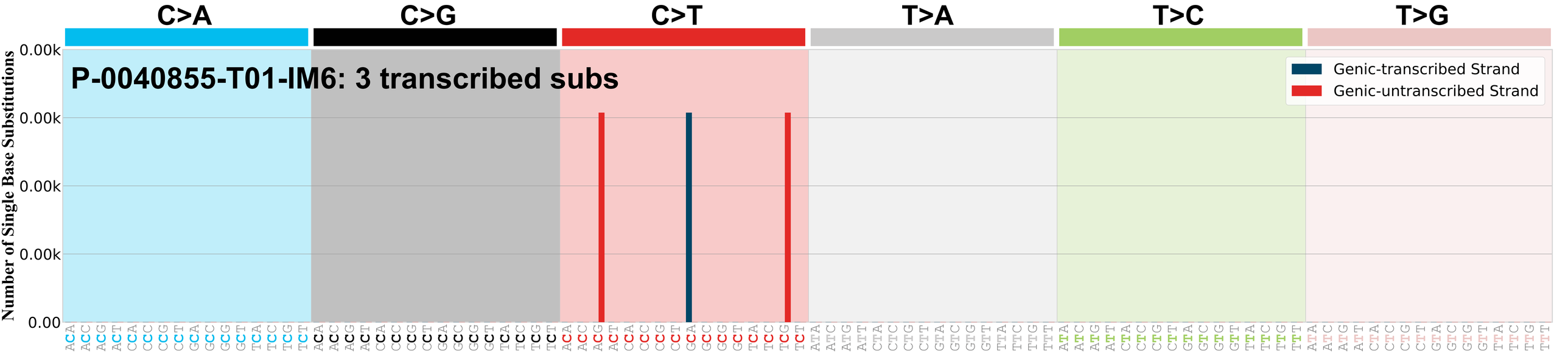
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C>G
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T>C
T>G
P-0040855-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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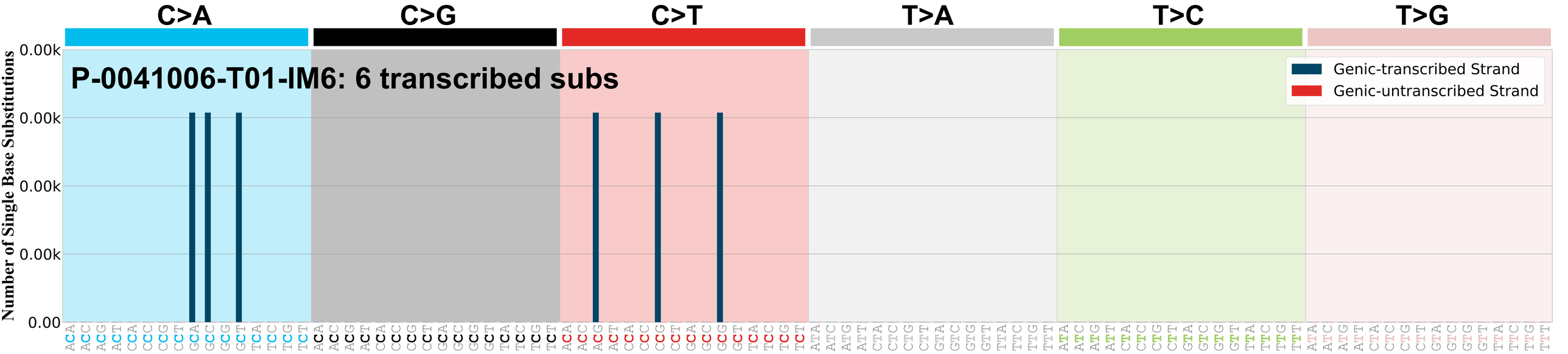
C>A
C>G
C>T
T>A
T>C
T>G
P-0041006-T01-IM6: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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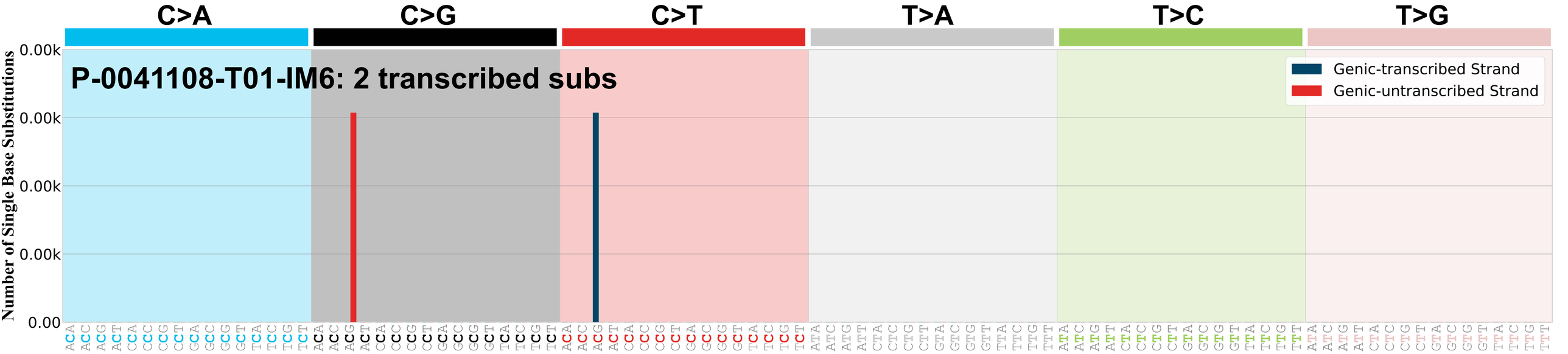
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C>T
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T>C
T>G
P-0041108-T01-IM6: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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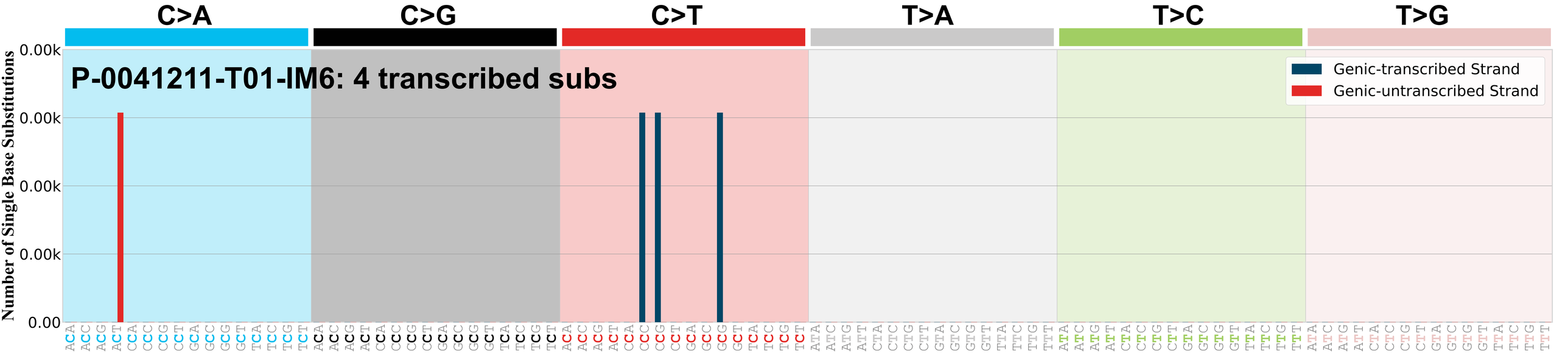
C>A
C>G
C>T
T>A
T>C
T>G
P-0041211-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
0.00k
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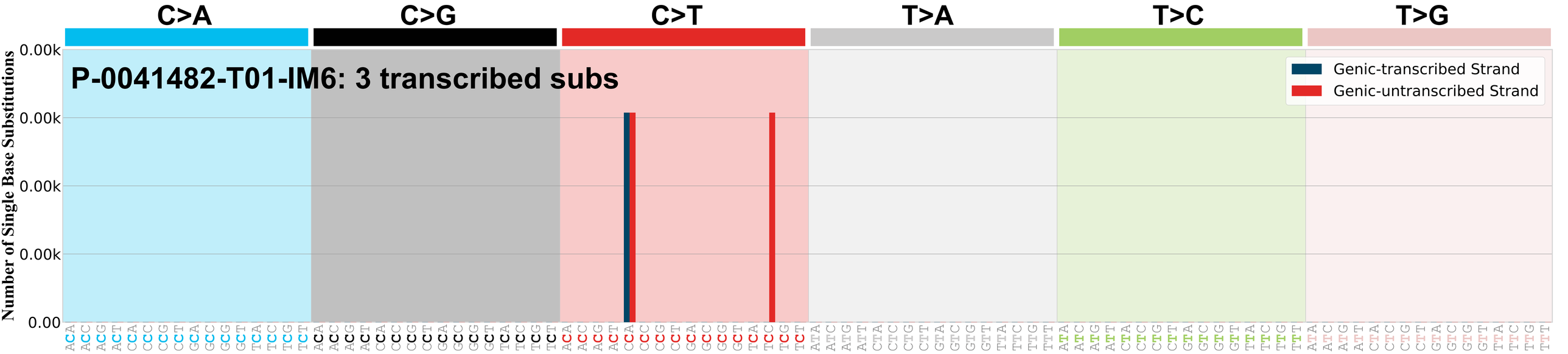
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P-0041482-T01-IM6: 3 transcribed subs
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Genic-untranscribed Strand
Number of Single Base Substitutions
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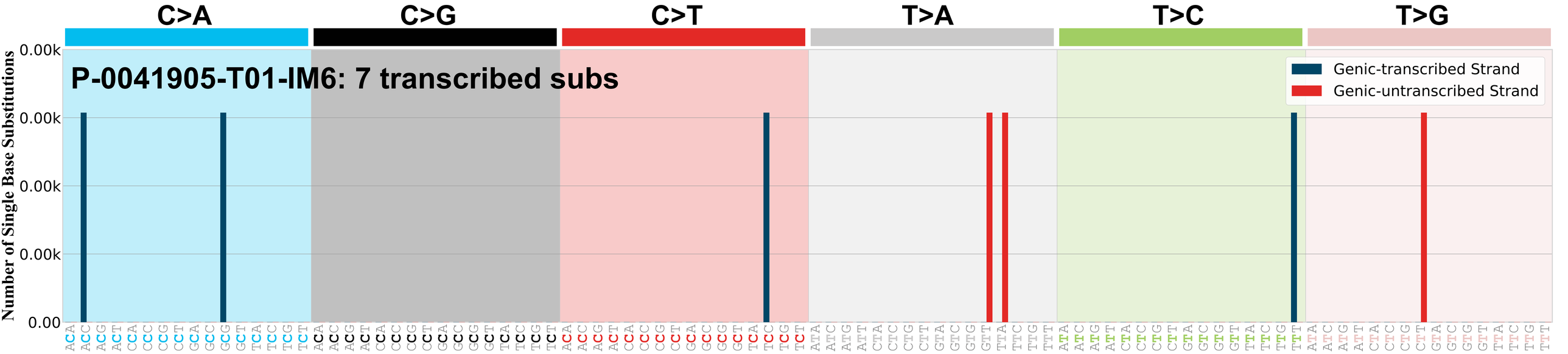
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P-0041905-T01-IM6: 7 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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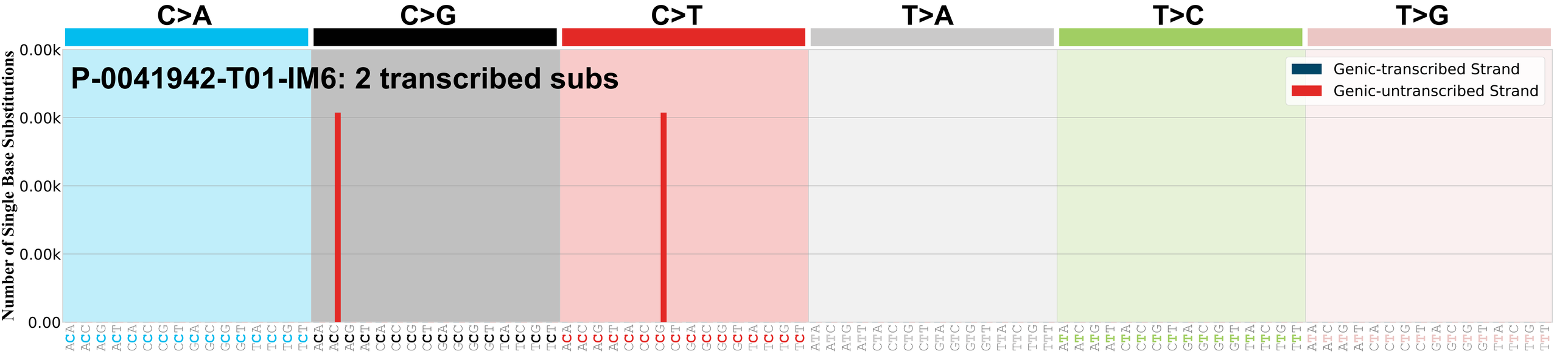
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P-0041942-T01-IM6: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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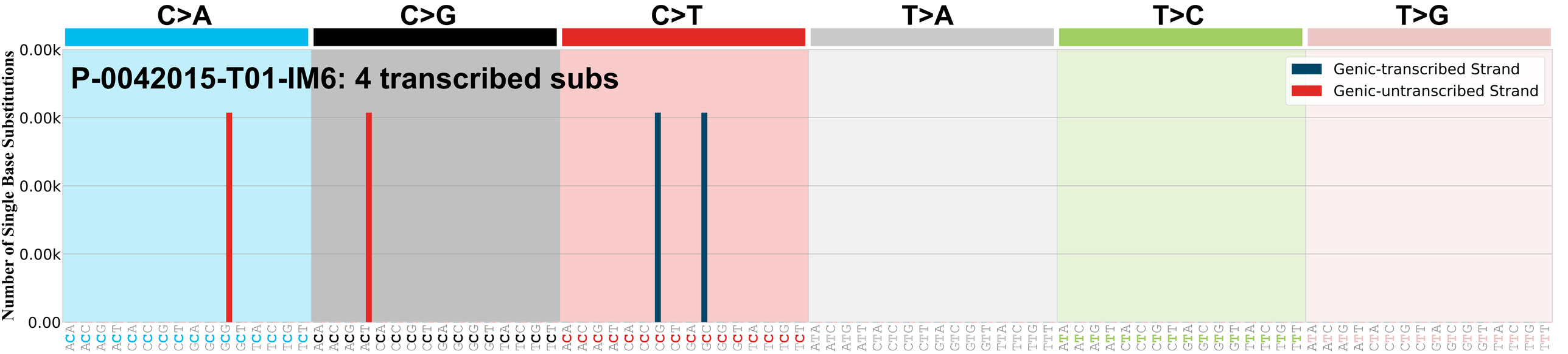
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P-0042015-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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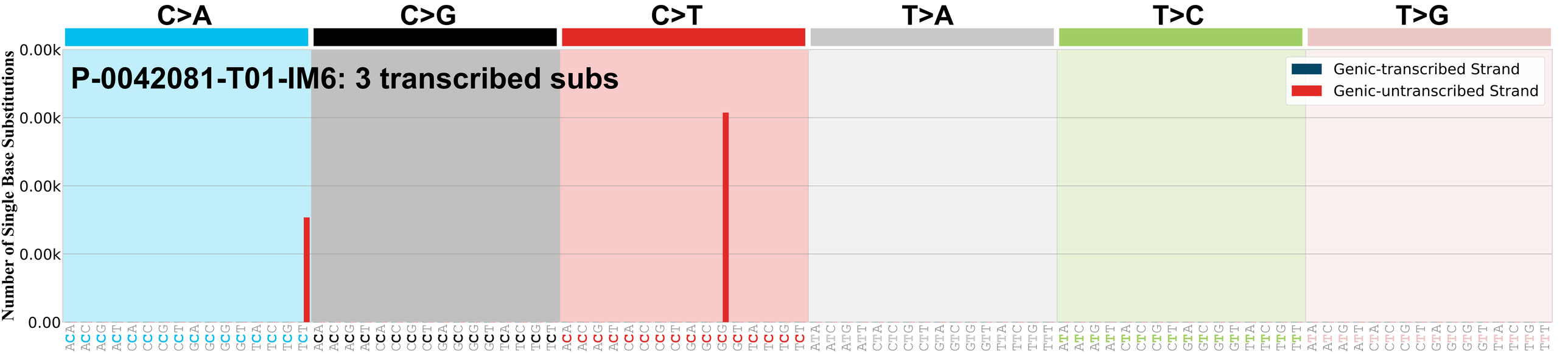
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P-0042081-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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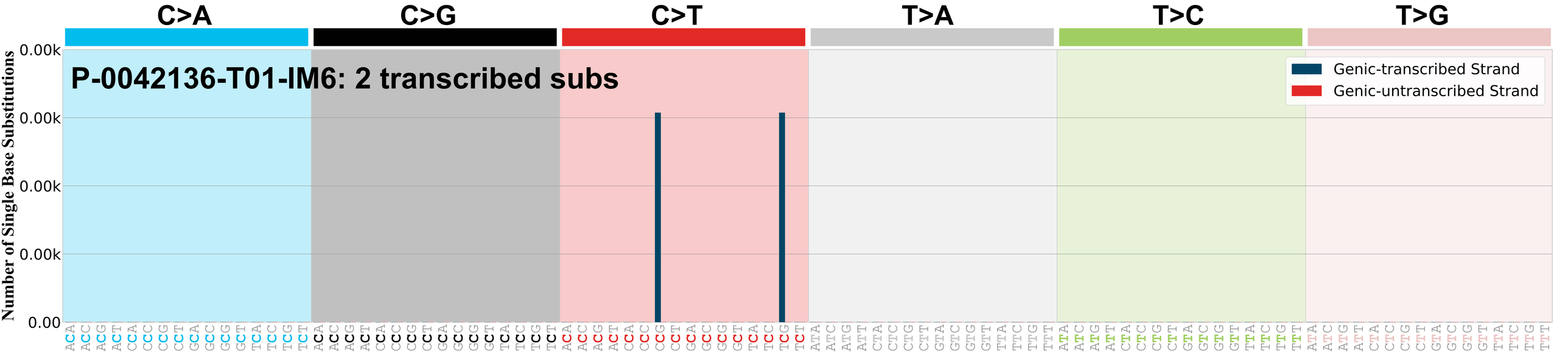
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P-0042136-T01-IM6: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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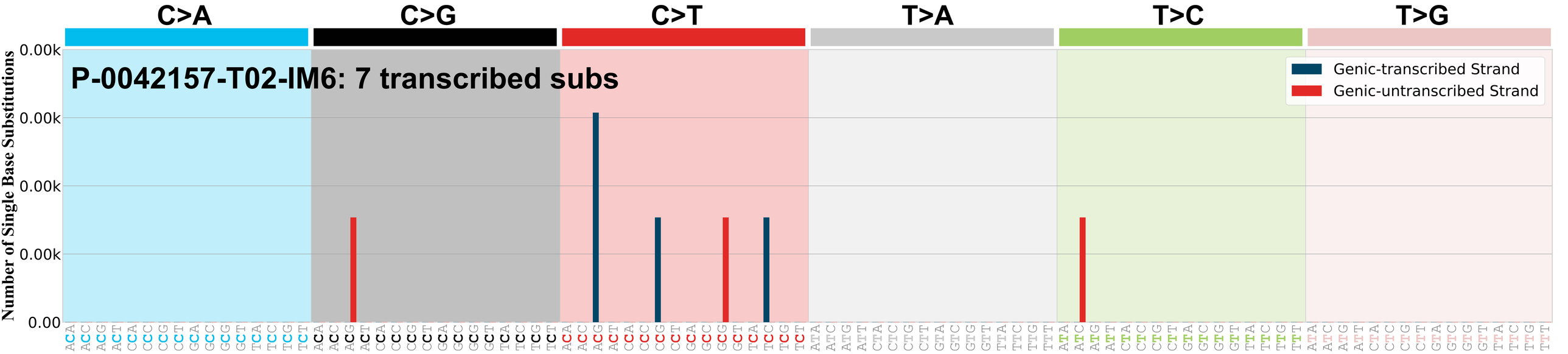
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P-0042157-T02-IM6: 7 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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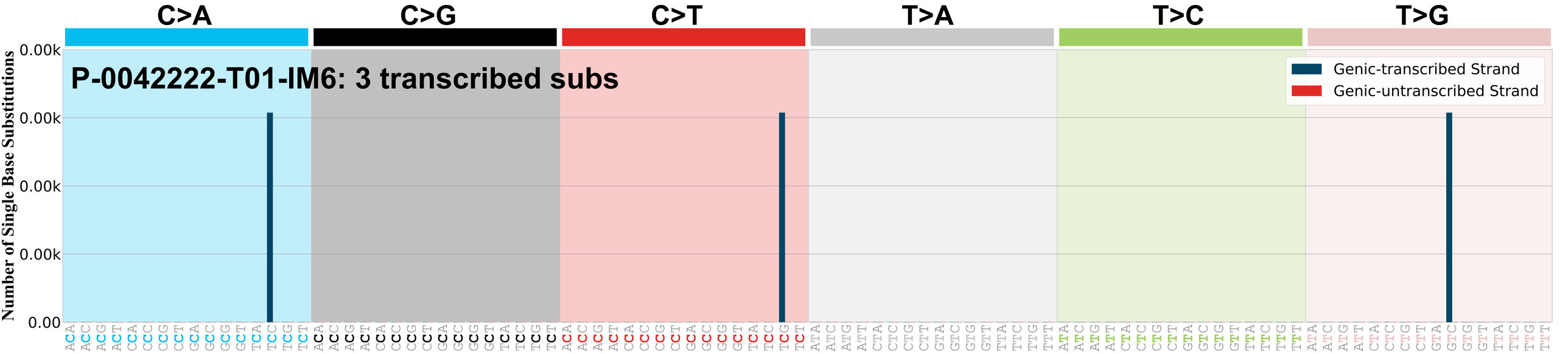
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C>G
C>T
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T>C
T>G
P-0042222-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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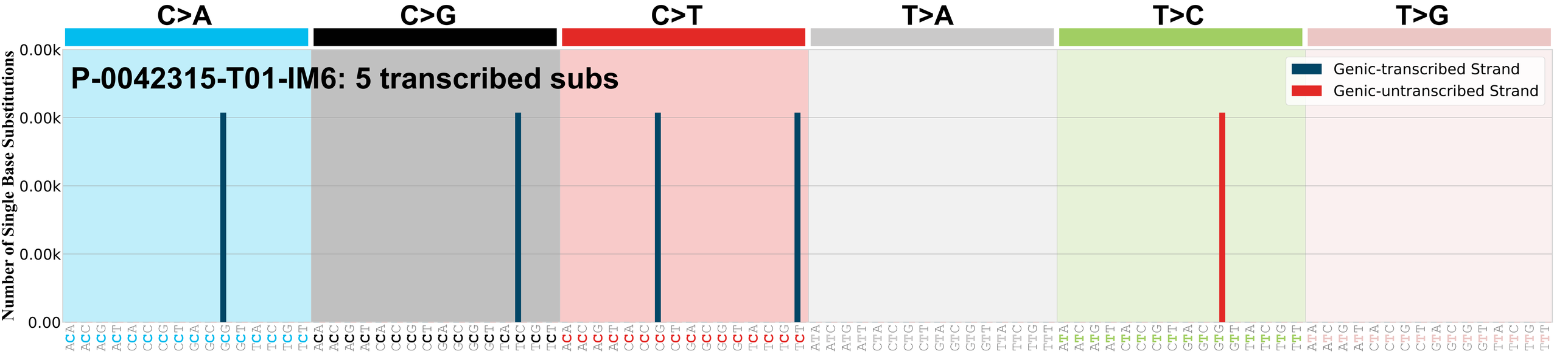
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P-0042315-T01-IM6: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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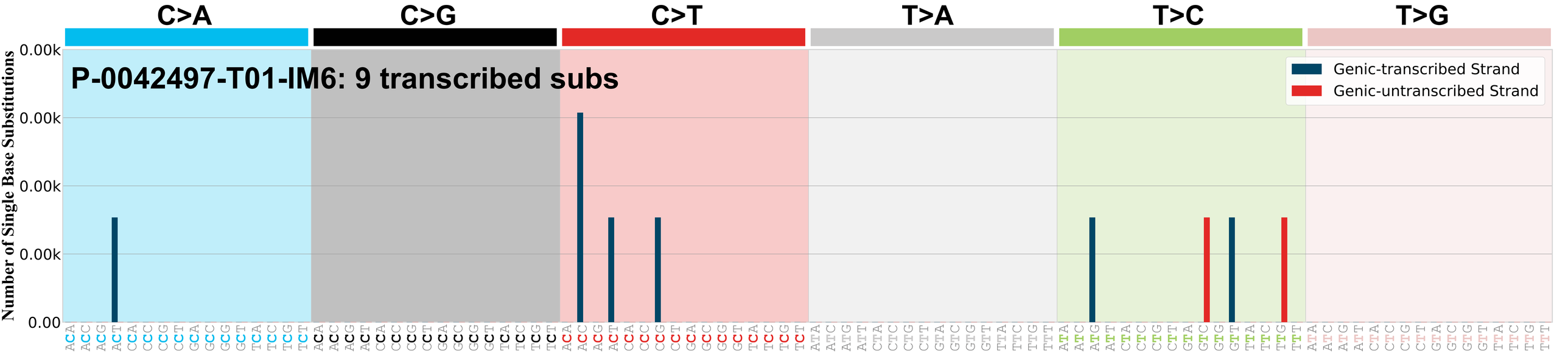
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C>G
C>T
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T>C
T>G
P-0042497-T01-IM6: 9 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
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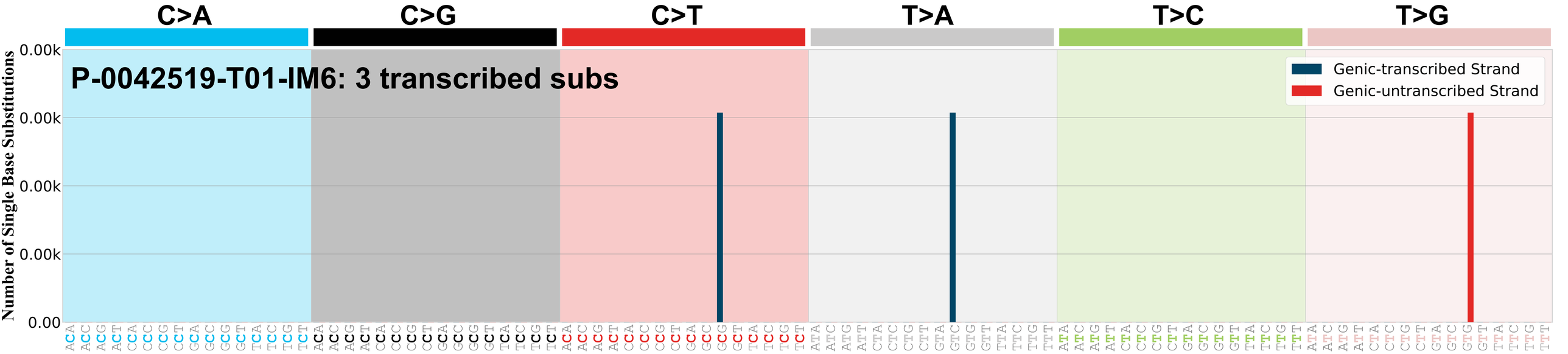
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T>C
T>G
P-0042519-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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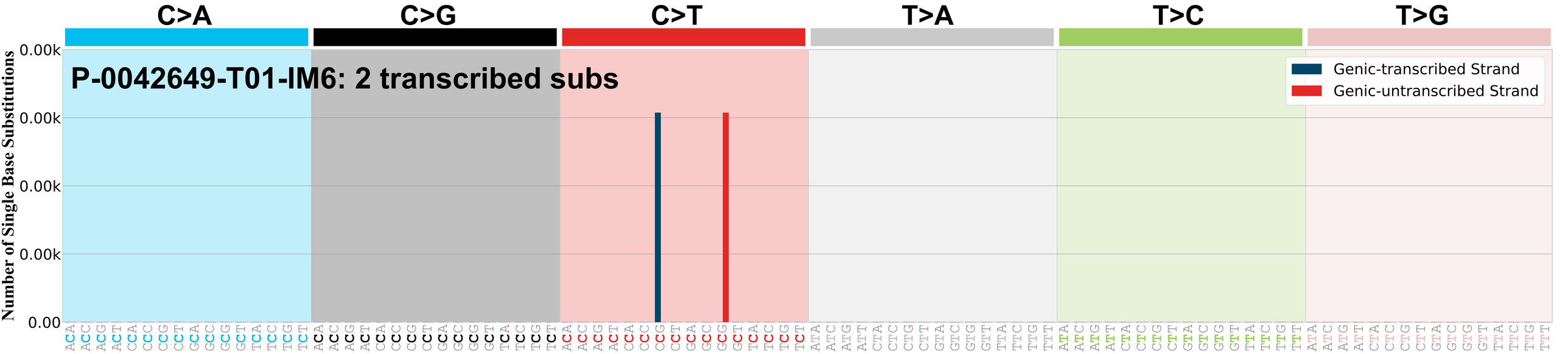
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T>C
T>G
P-0042649-T01-IM6: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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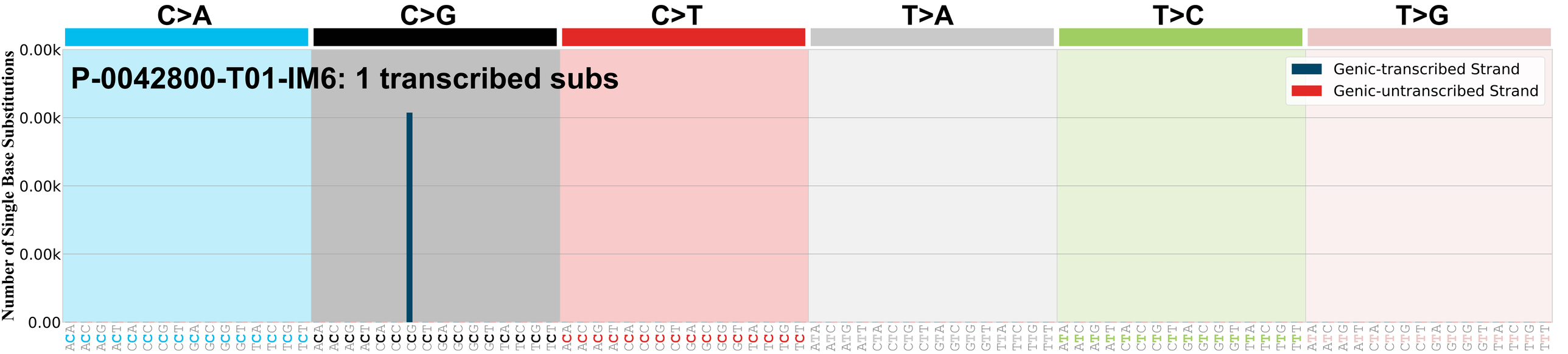
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T>G
P-0042800-T01-IM6: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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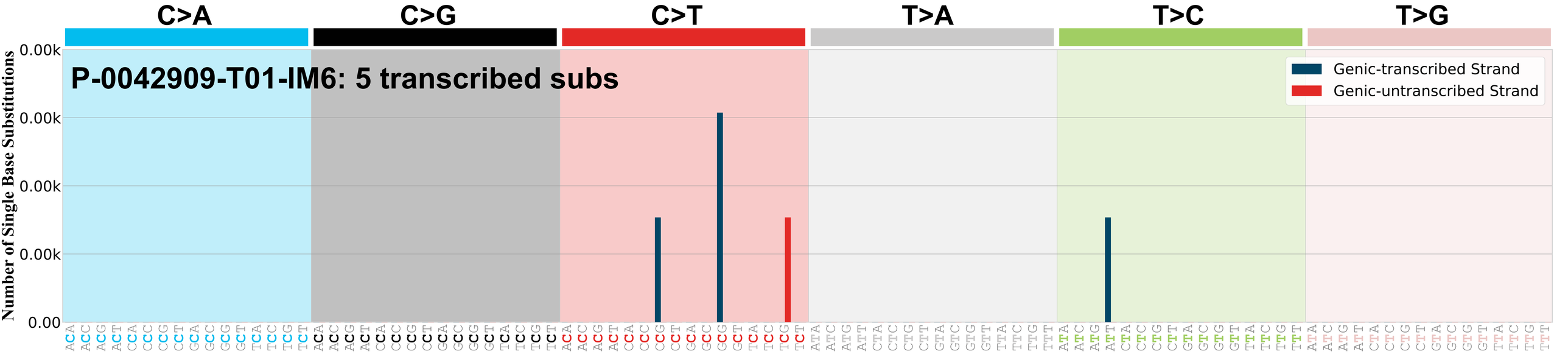
C>A
C>G
C>T
T>A
T>C
T>G
P-0042909-T01-IM6: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
0.00k
0.00k
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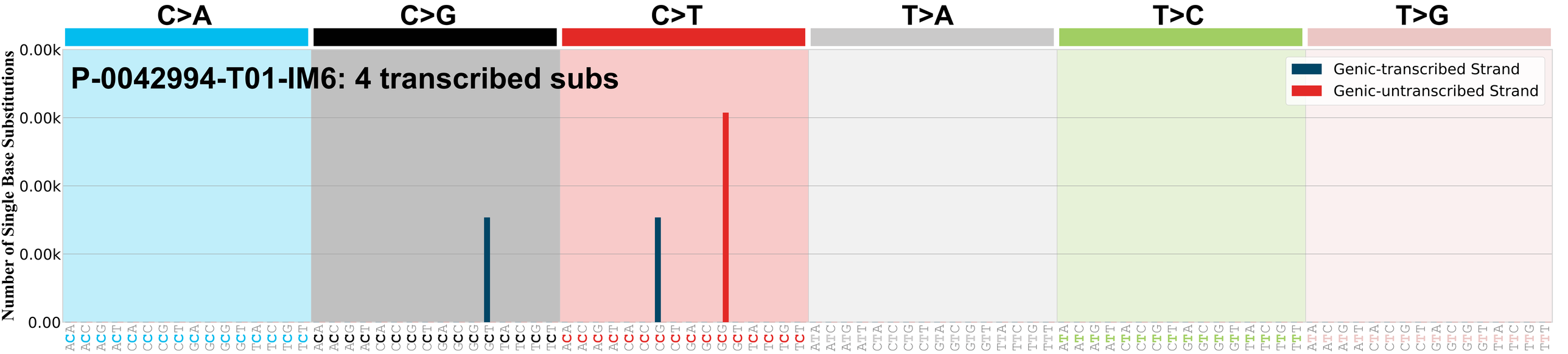
C>A
C>G
C>T
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T>C
T>G
P-0042994-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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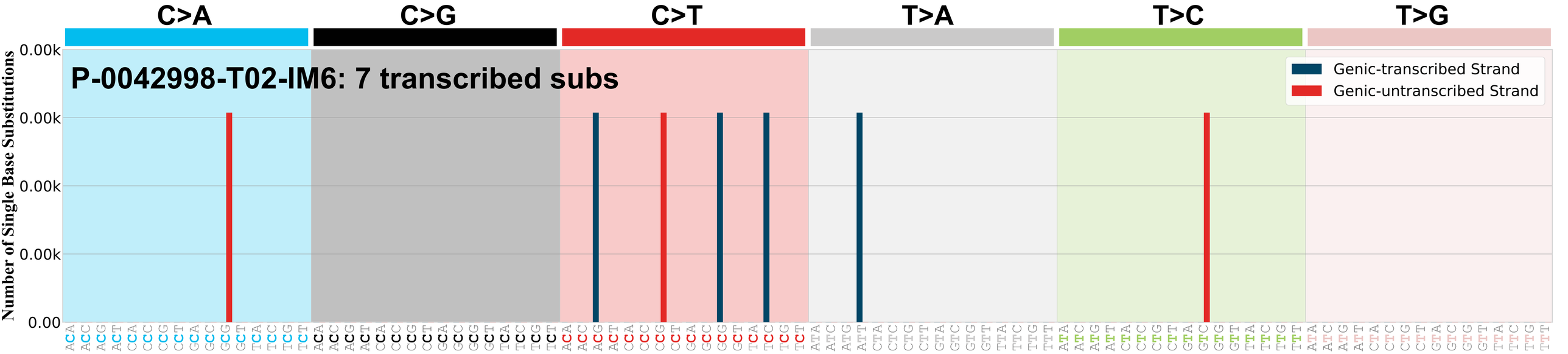
0.00k
0.00k
0.00k
0.00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C>T
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T>C
T>G
P-0042998-T02-IM6: 7 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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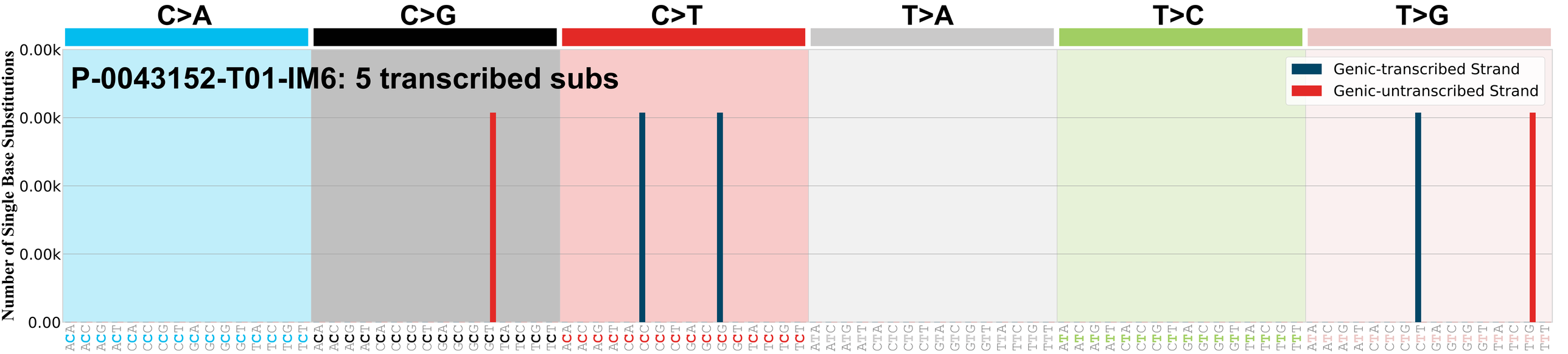
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C>T
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T>C
T>G
P-0043152-T01-IM6: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
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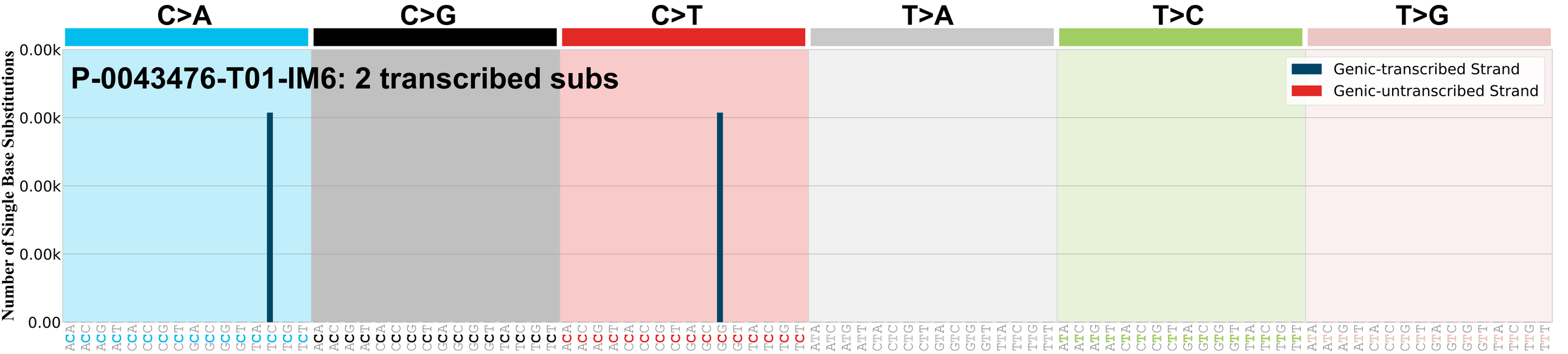
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T>C
T>G
P-0043476-T01-IM6: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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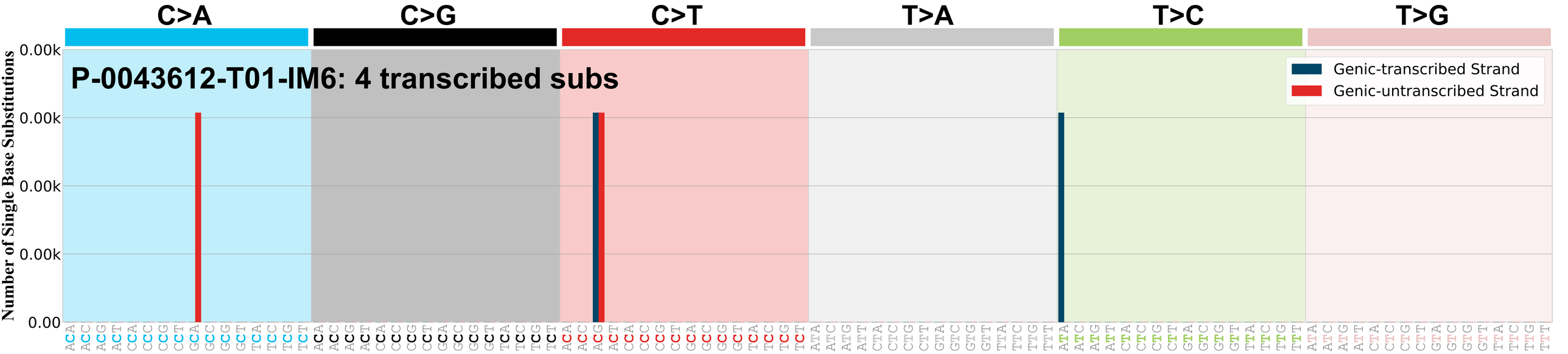
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T>C
T>G
P-0043612-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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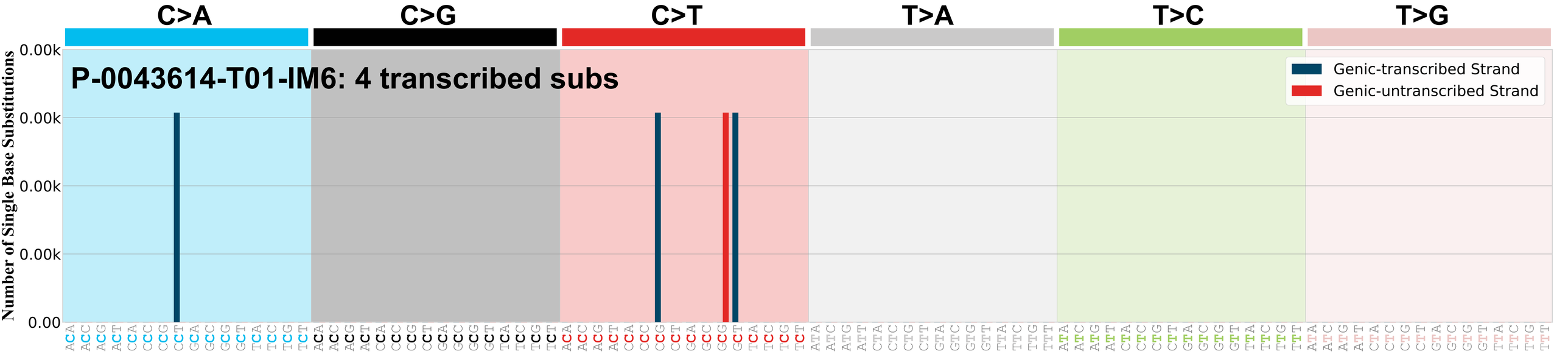
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T>G
P-0043614-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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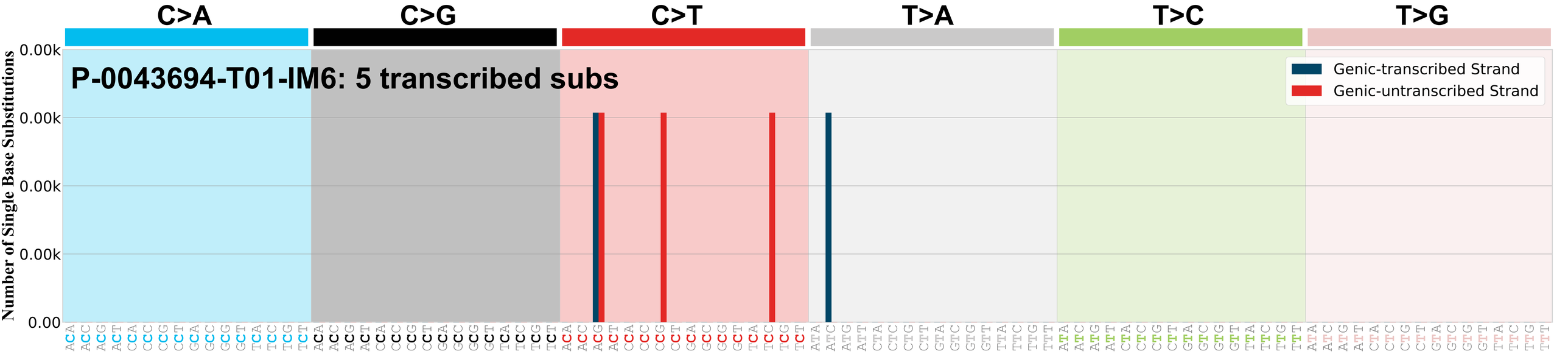
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T>C
T>G
P-0043694-T01-IM6: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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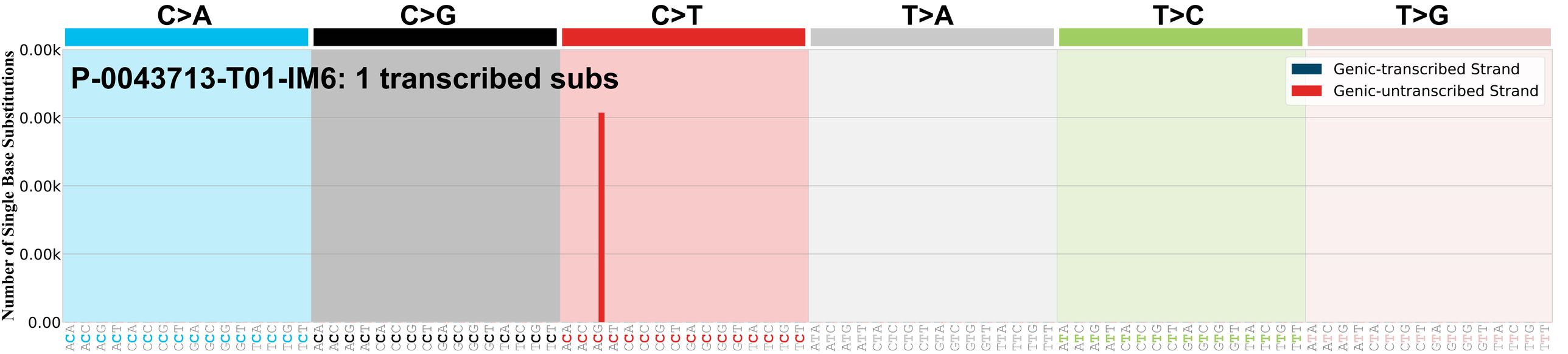
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T>C
T>G
P-0043713-T01-IM6: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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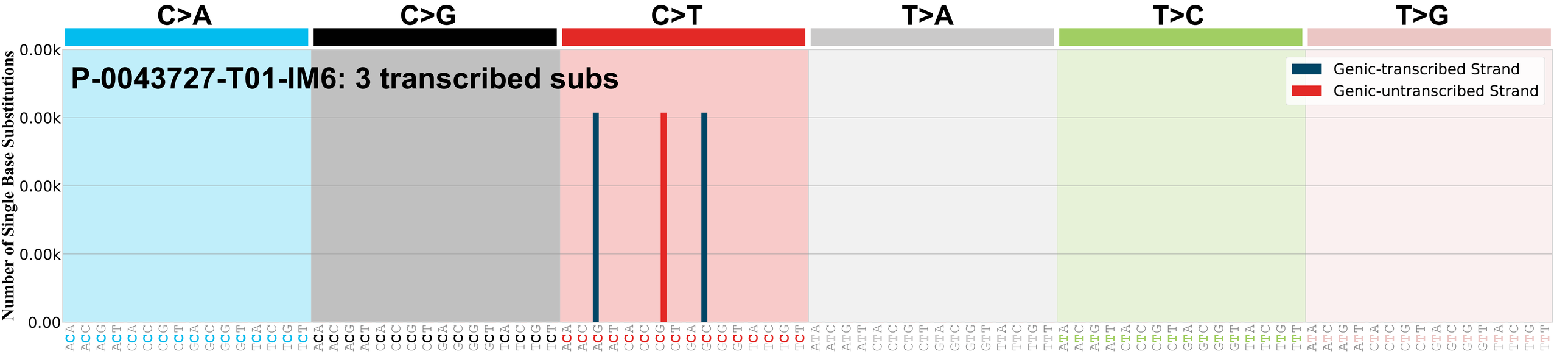
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P-0043727-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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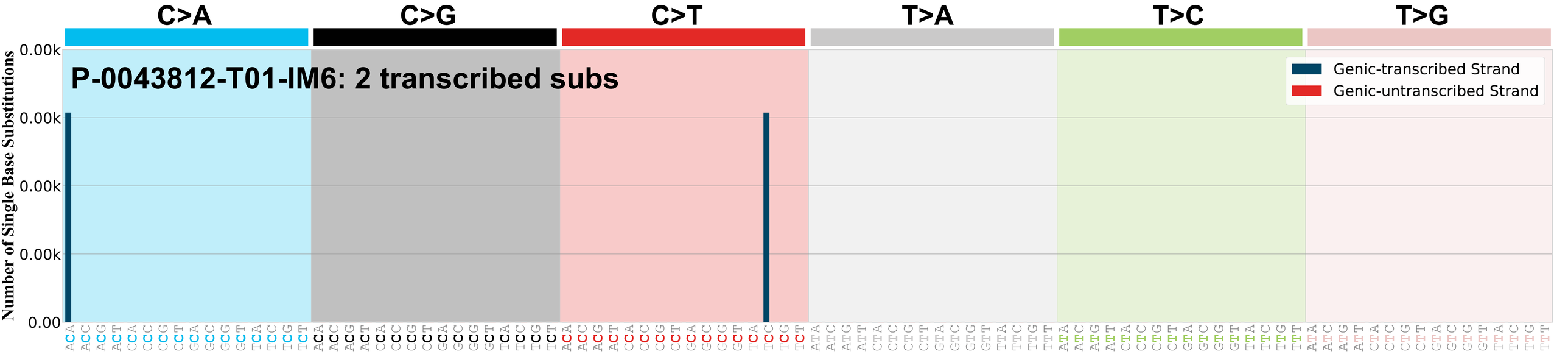
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P-0043812-T01-IM6: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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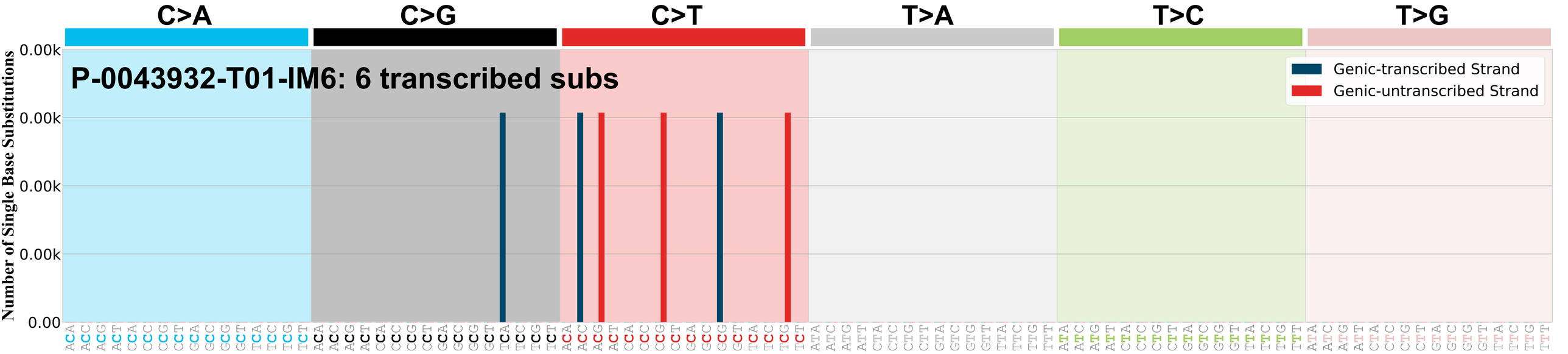
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P-0043932-T01-IM6: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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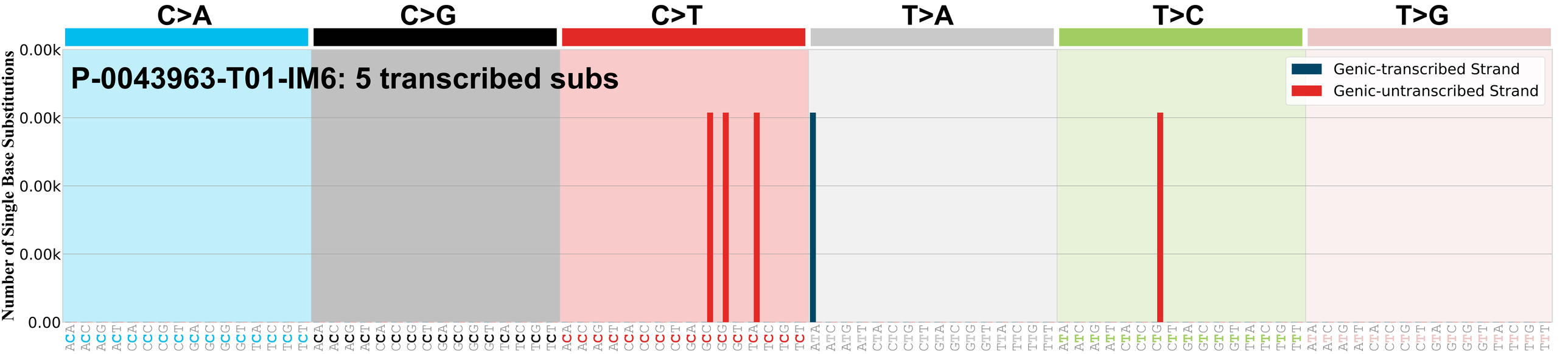
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T>G
P-0043963-T01-IM6: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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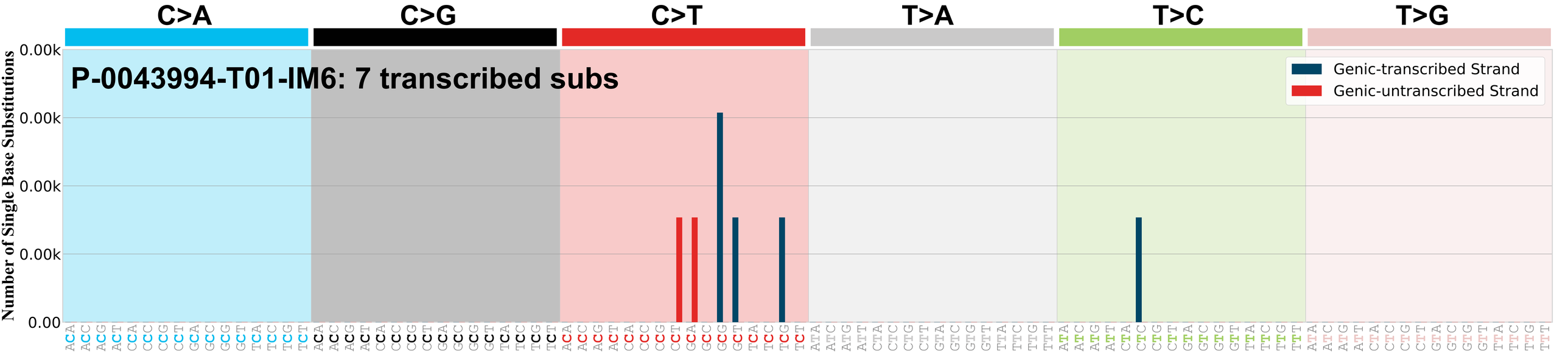
C>A
C>G
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T>C
T>G
P-0043994-T01-IM6: 7 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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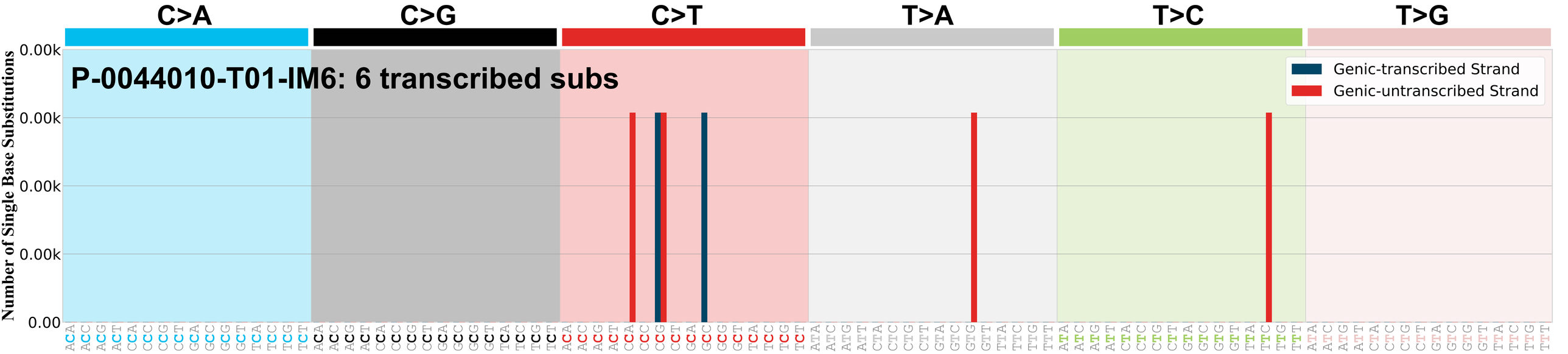
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T>C
T>G
P-0044010-T01-IM6: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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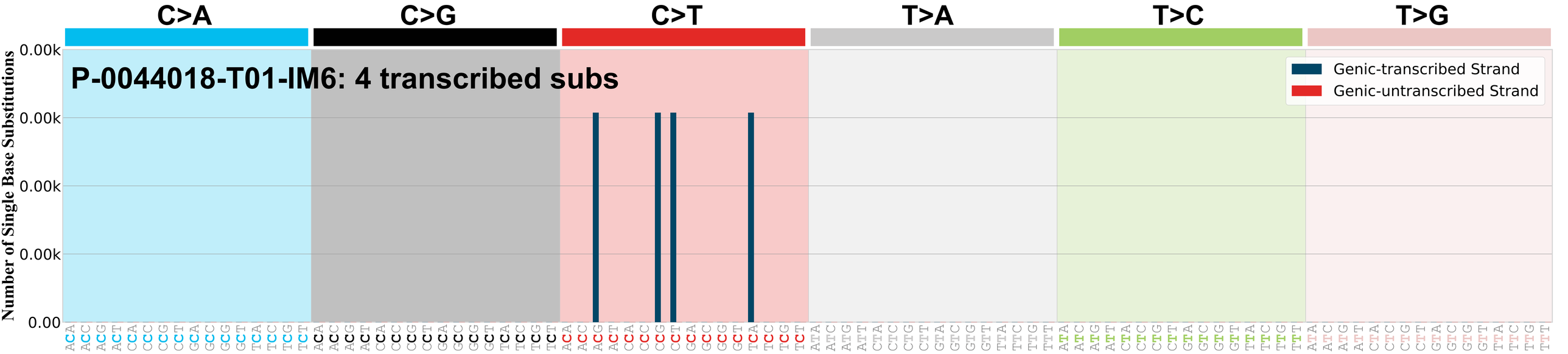
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T>G
P-0044018-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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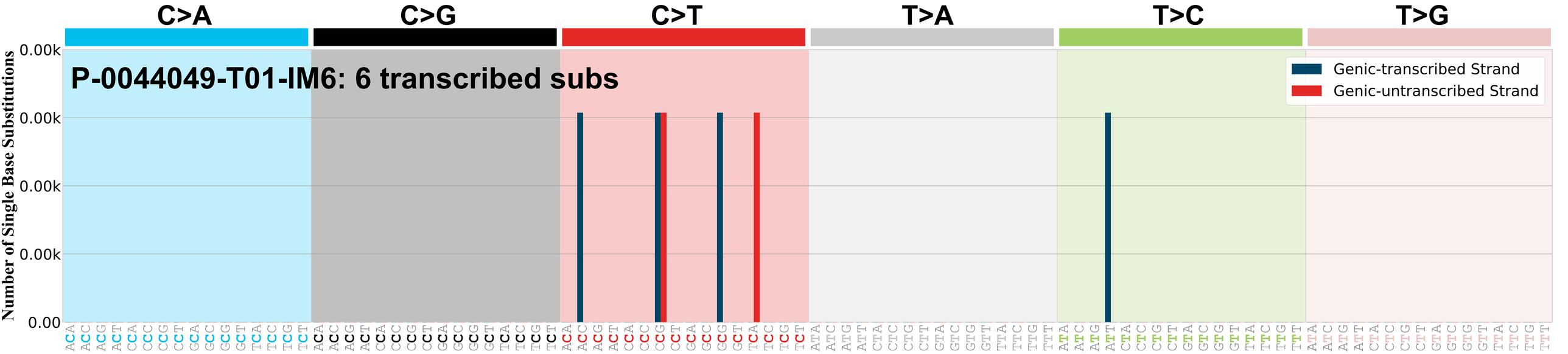
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T>C
T>G
P-0044049-T01-IM6: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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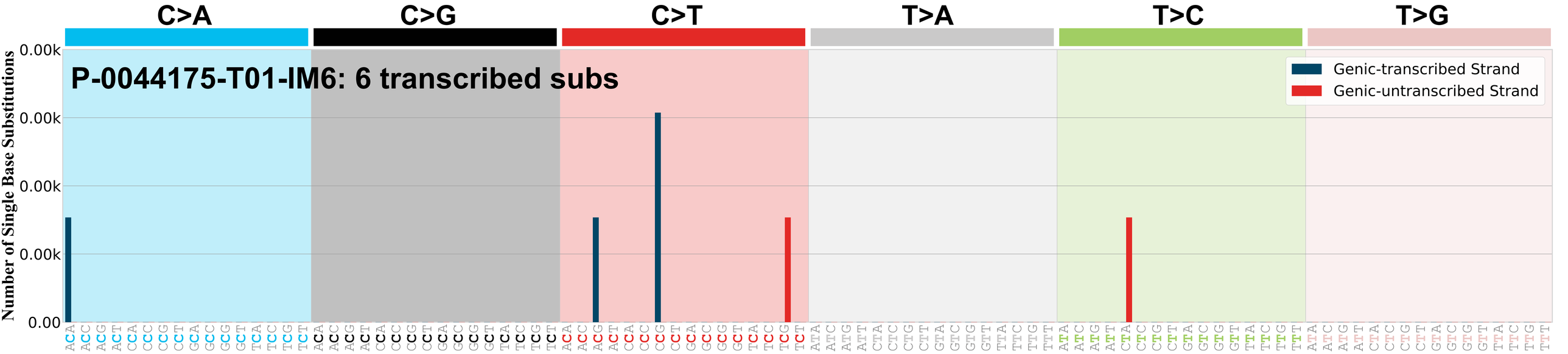
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T>G
P-0044175-T01-IM6: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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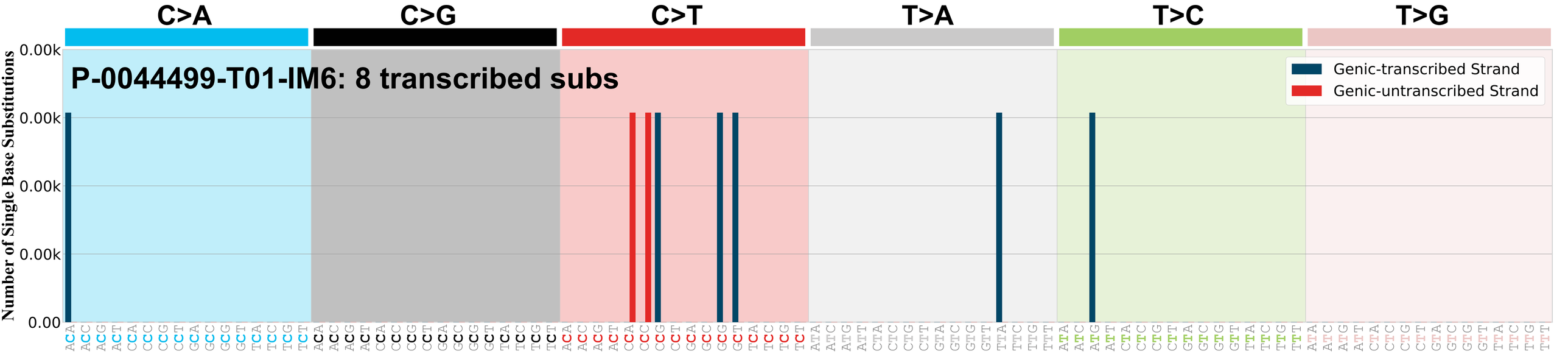
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T>C
T>G
P-0044499-T01-IM6: 8 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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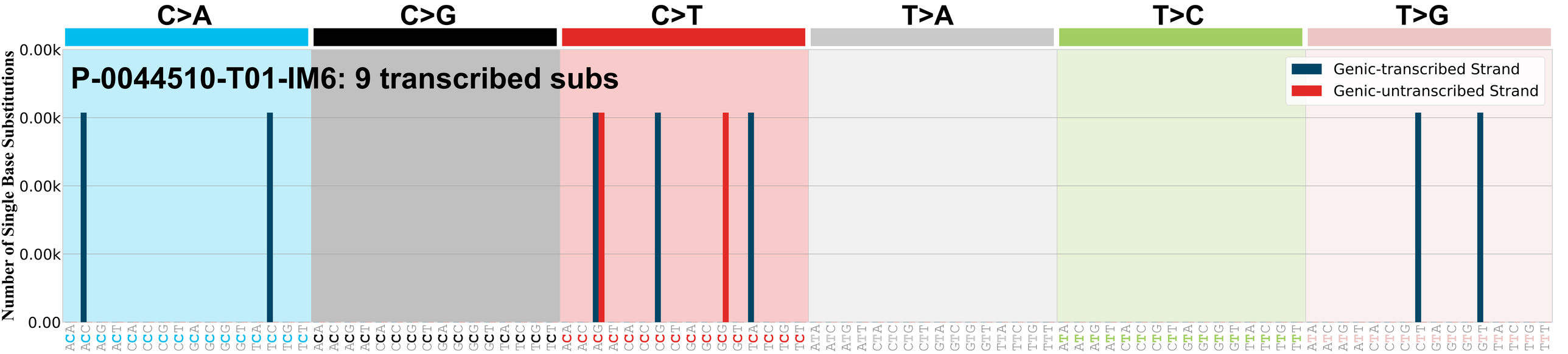
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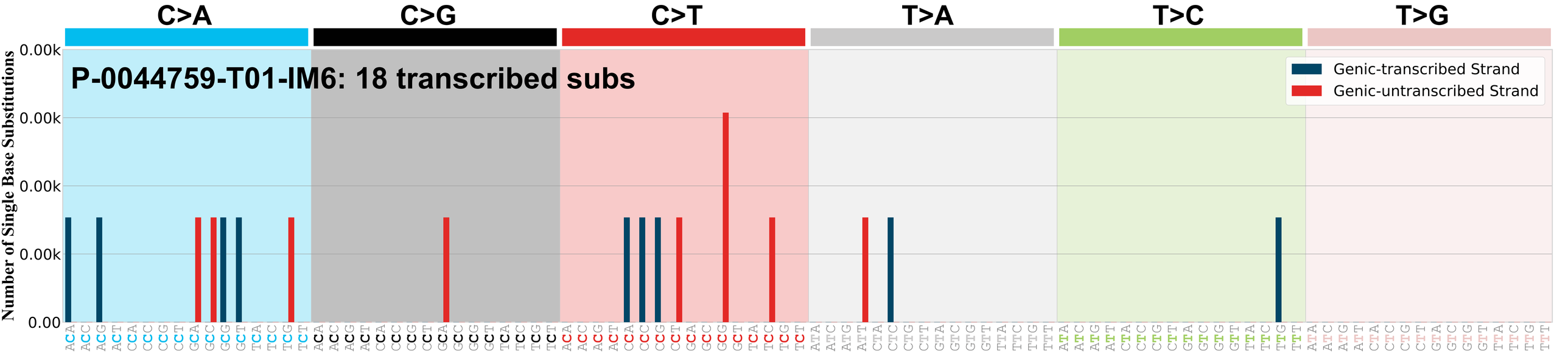
C>G
C>T
T>A
T>C
T>G
P-0044510-T01-IM6: 9 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00


C>A
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C>T
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T>G
P-0044759-T01-IM6: 18 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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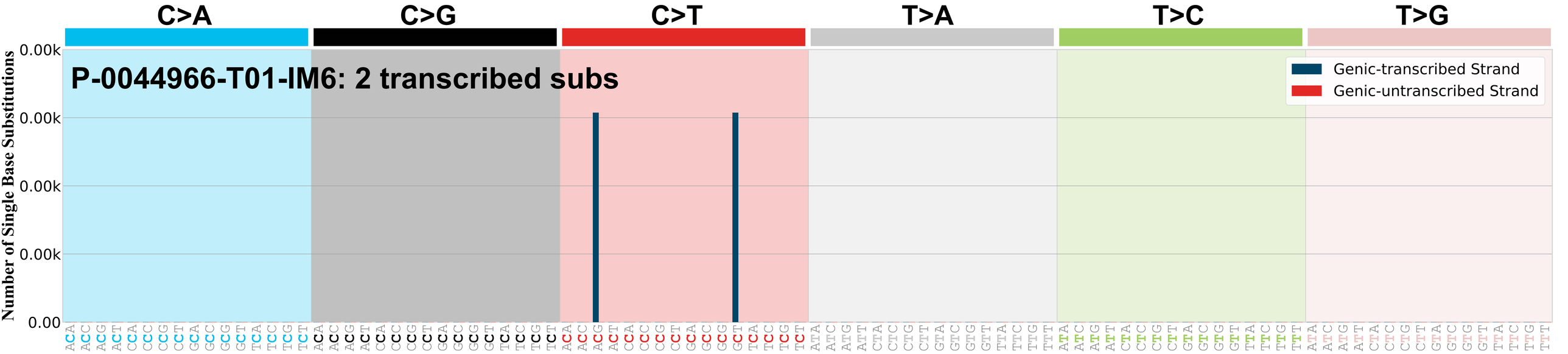
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C>G
C>T
T>A
T>C
T>G
P-0044966-T01-IM6: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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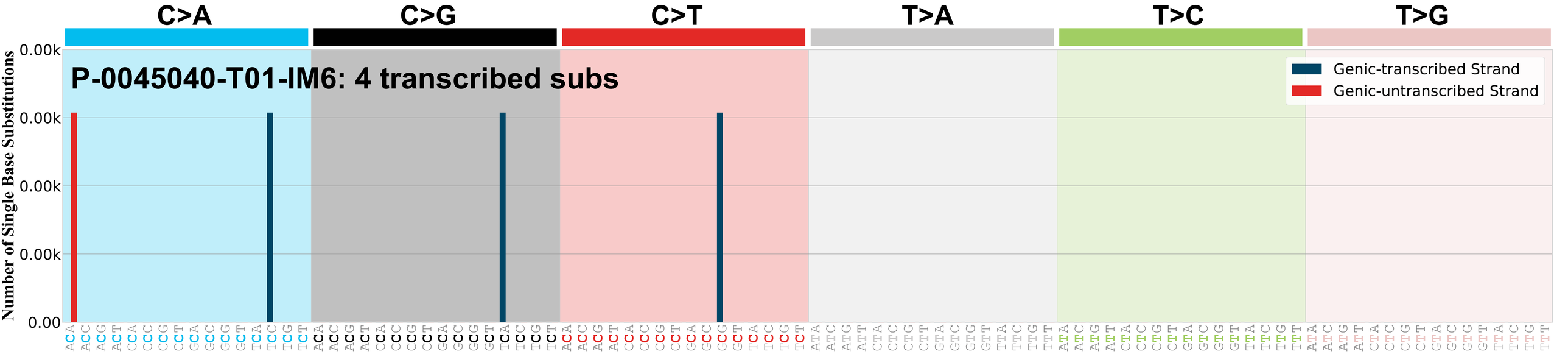
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0045040-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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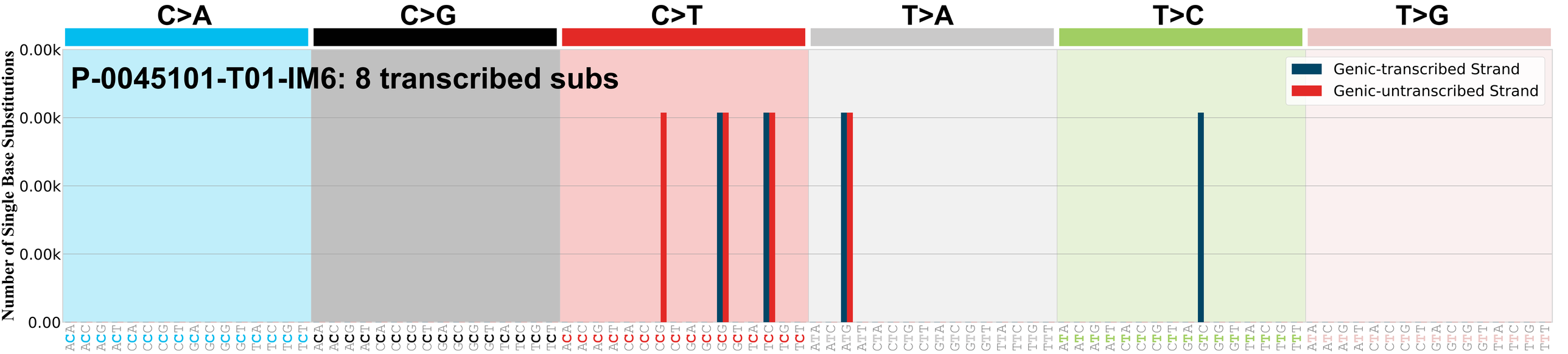
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
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T>C
T>G
P-0045101-T01-IM6: 8 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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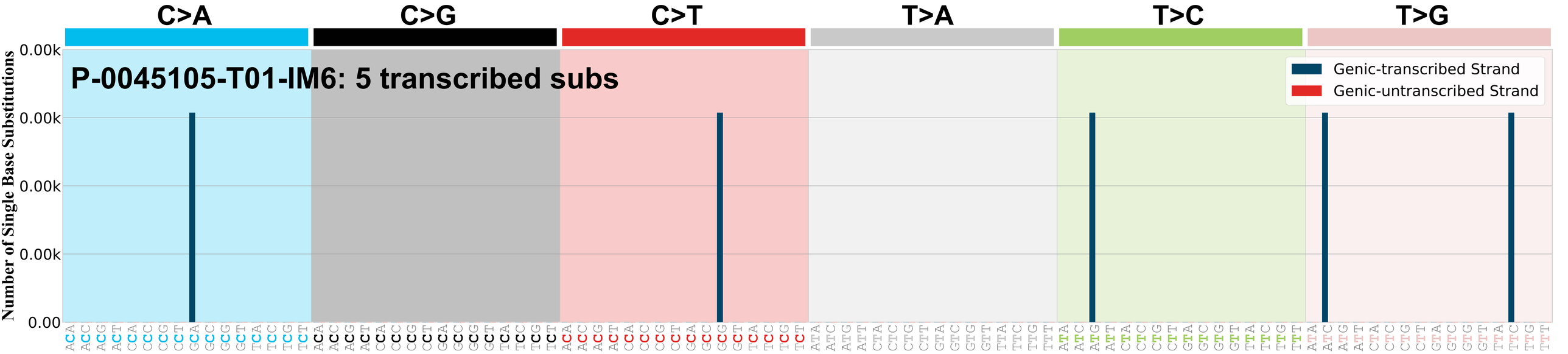
0.00k
0.00k
0.00k
0.00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C>G
C>T
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T>C
T>G
P-0045105-T01-IM6: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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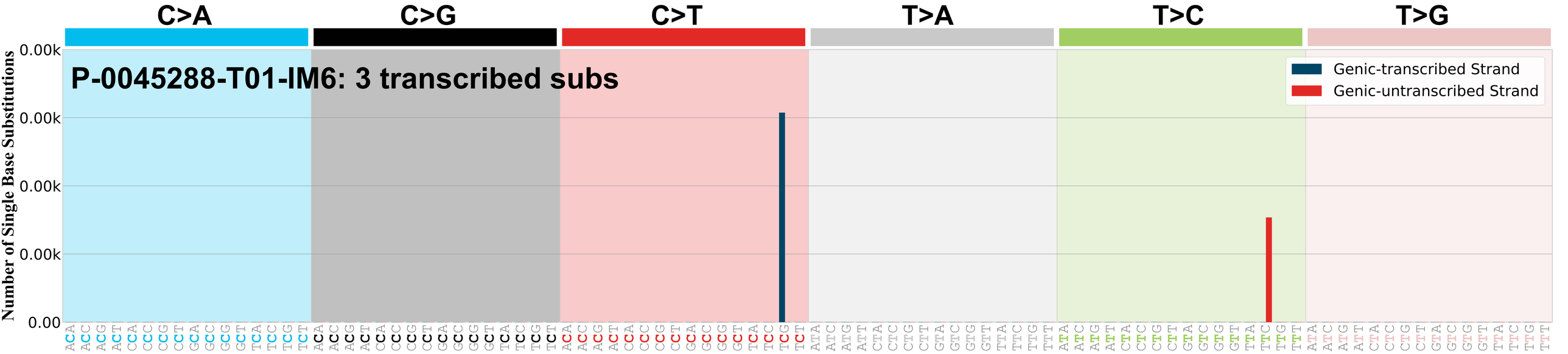
0.00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C>G
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T>C
T>G
P-0045288-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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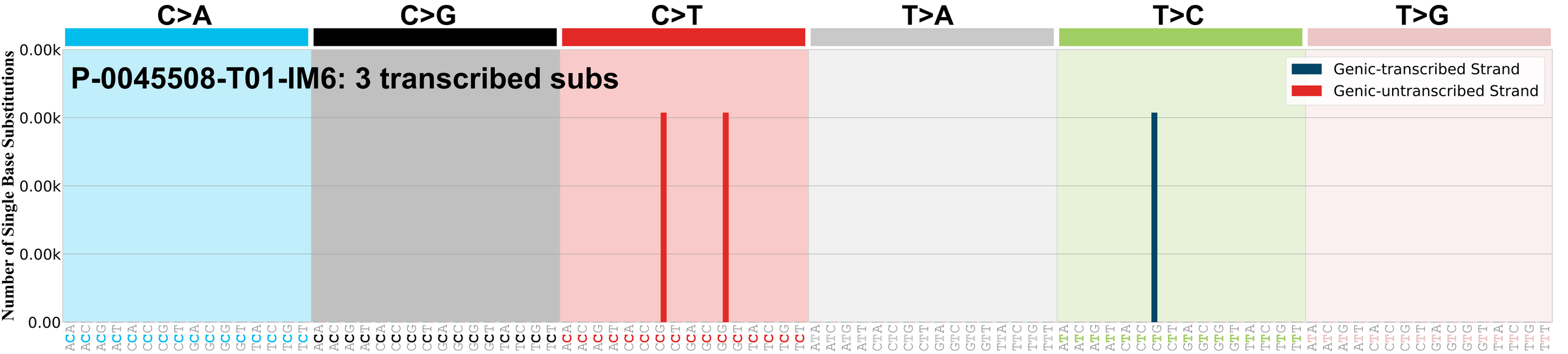
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0045508-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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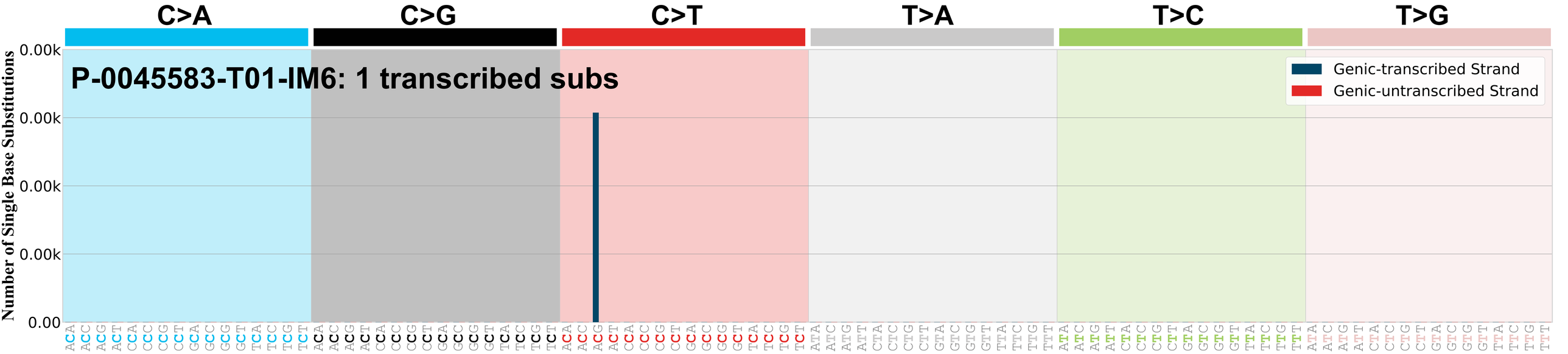
C>A
C>G
C>T
T>A
T>C
T>G
P-0045583-T01-IM6: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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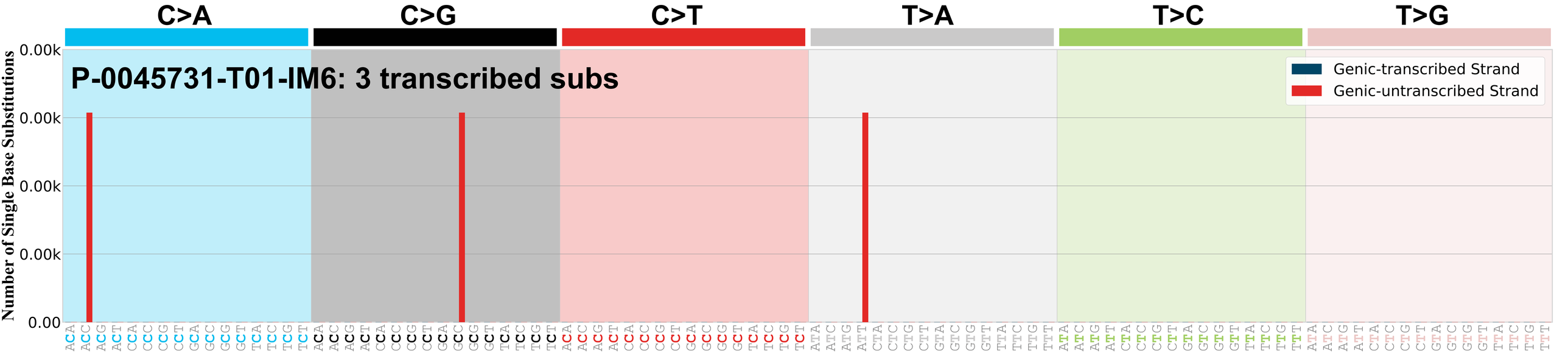
0.00k
0.00k
0.00k
0.00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C>G
C>T
T>A
T>C
T>G
P-0045731-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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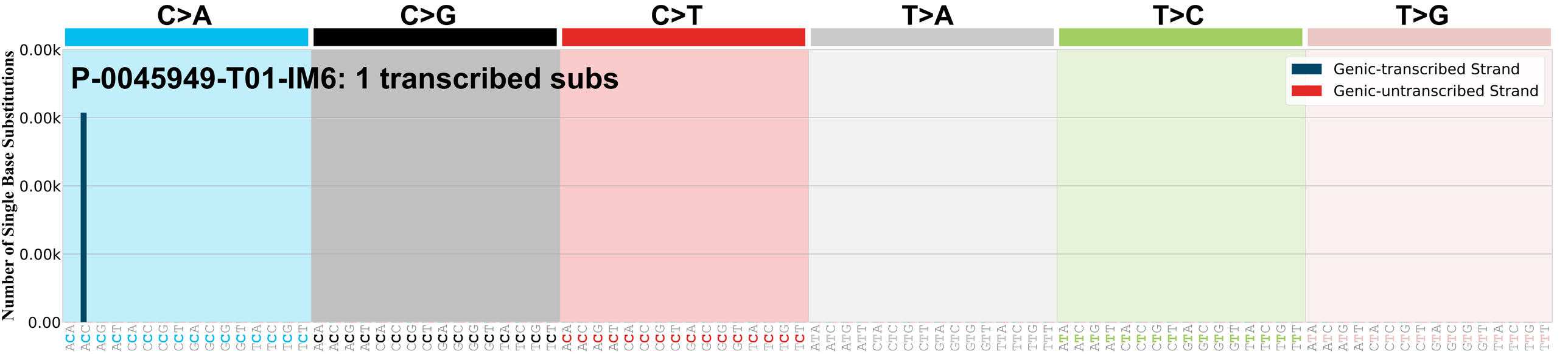
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0045949-T01-IM6: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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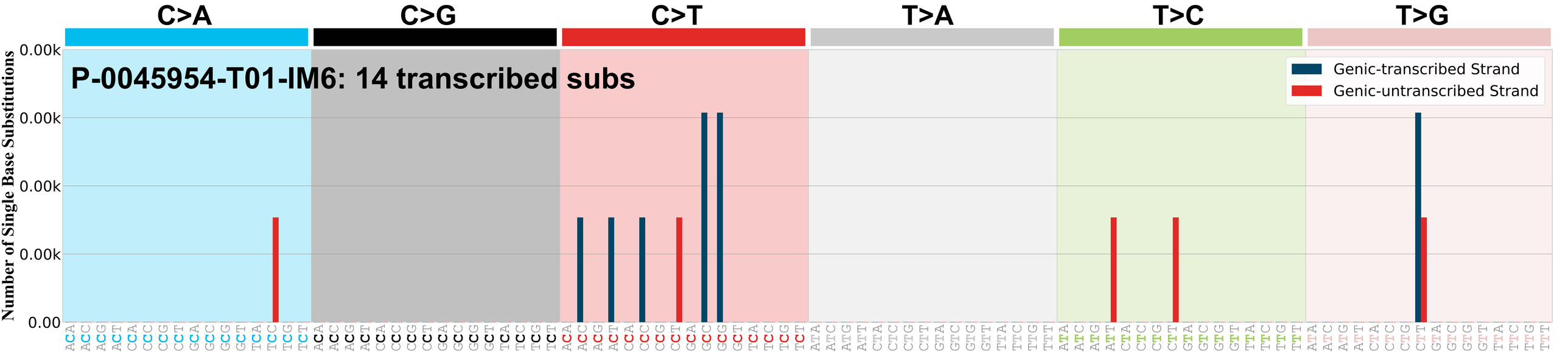
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0045954-T01-IM6: 14 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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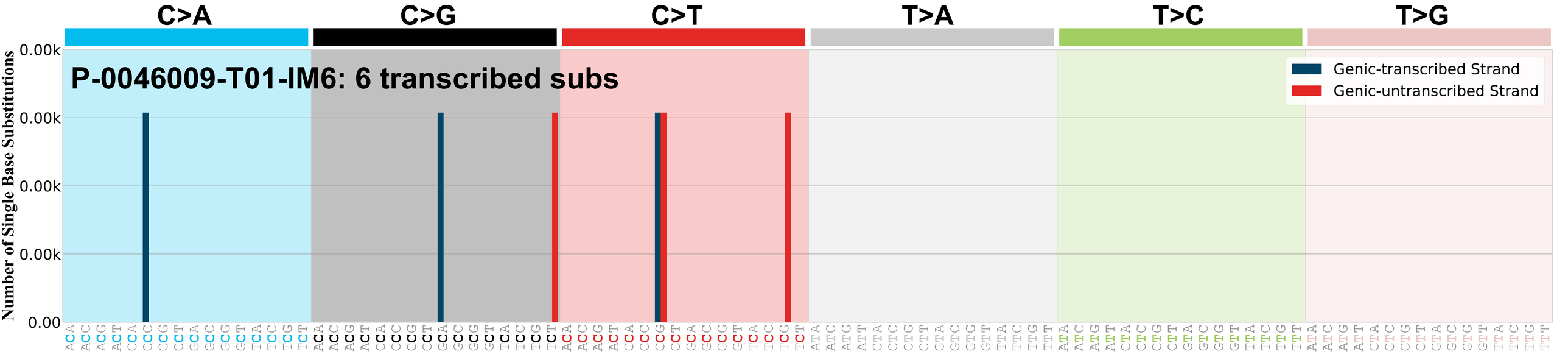
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0046009-T01-IM6: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
0.00k
0.00k
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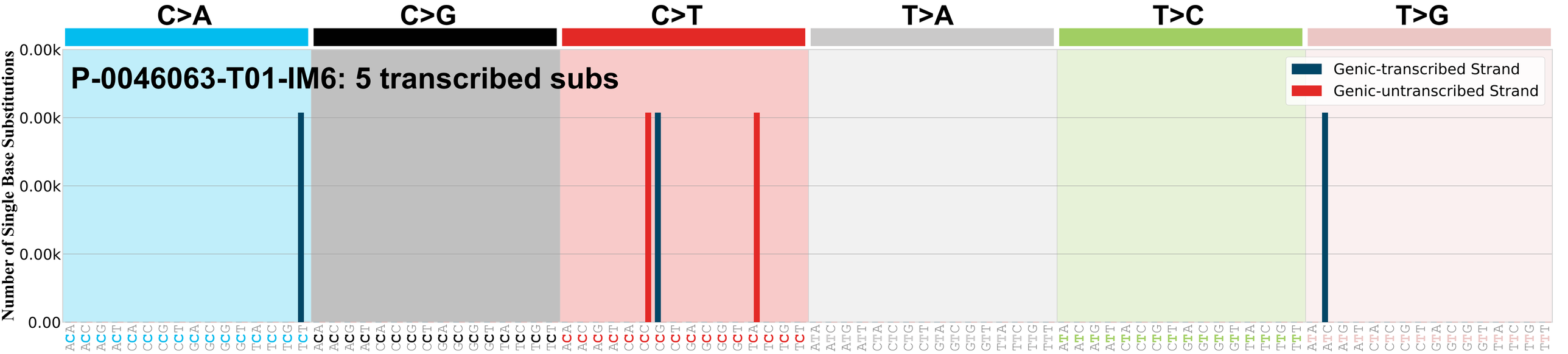
C>A
C>G
C>T
T>A
T>C
T>G
P-0046063-T01-IM6: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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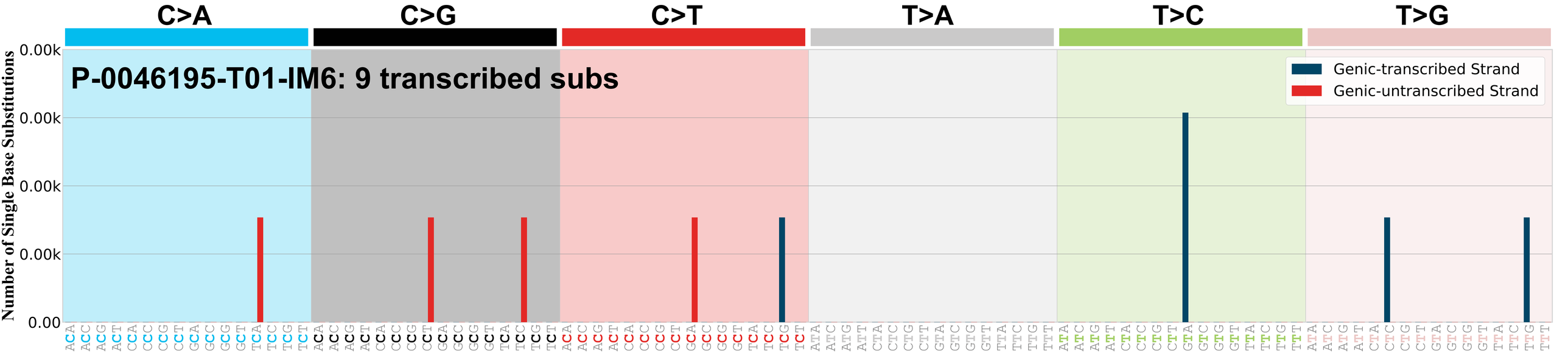
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0046195-T01-IM6: 9 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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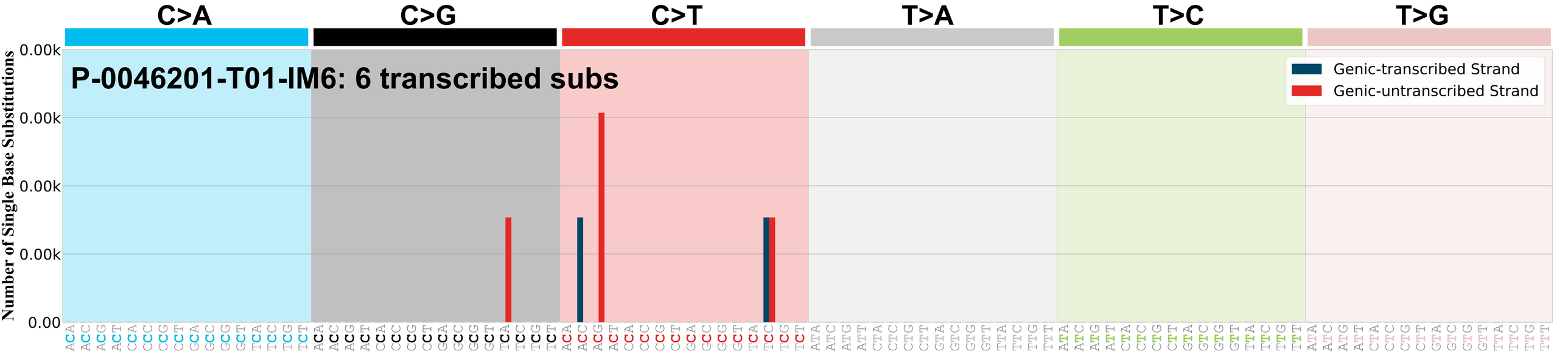
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0046201-T01-IM6: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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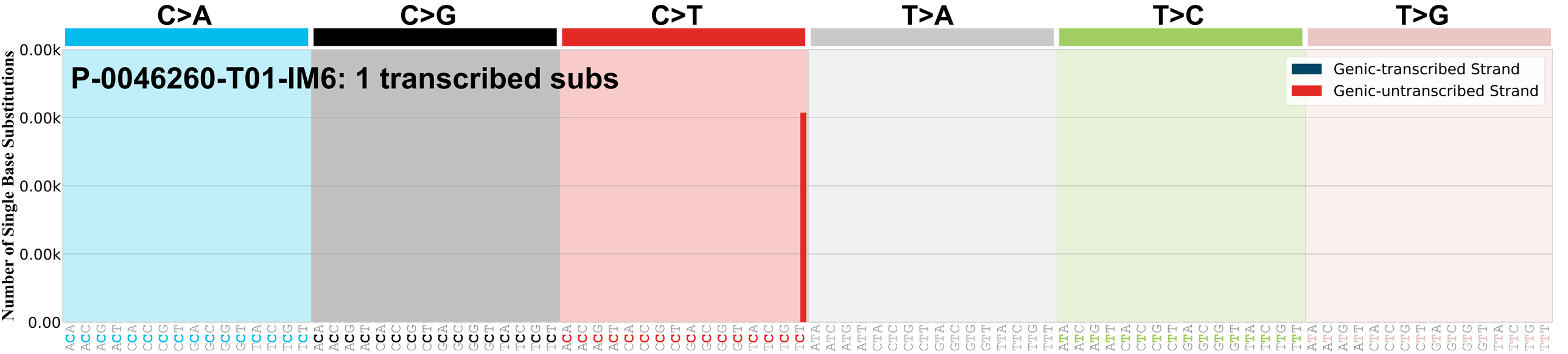
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0046260-T01-IM6: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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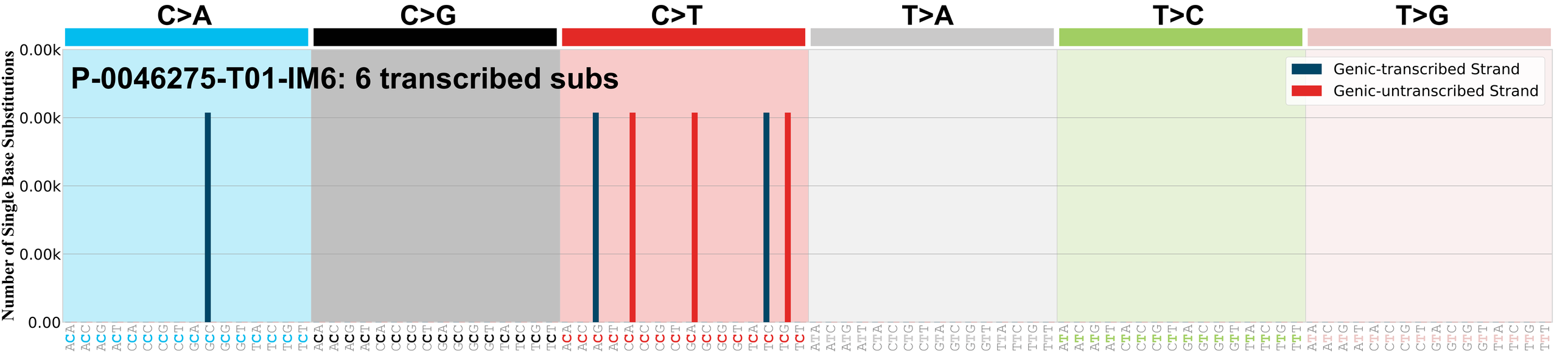
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0046275-T01-IM6: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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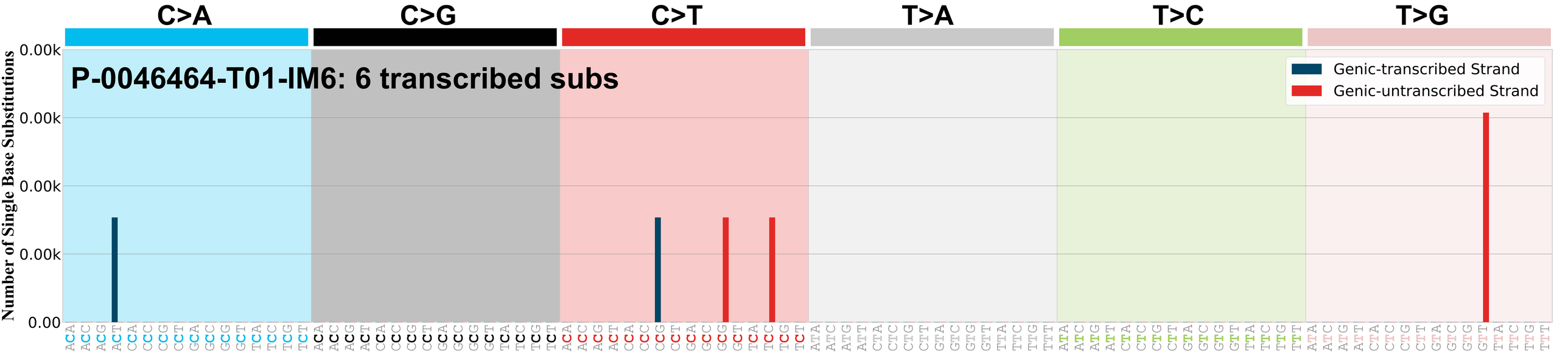
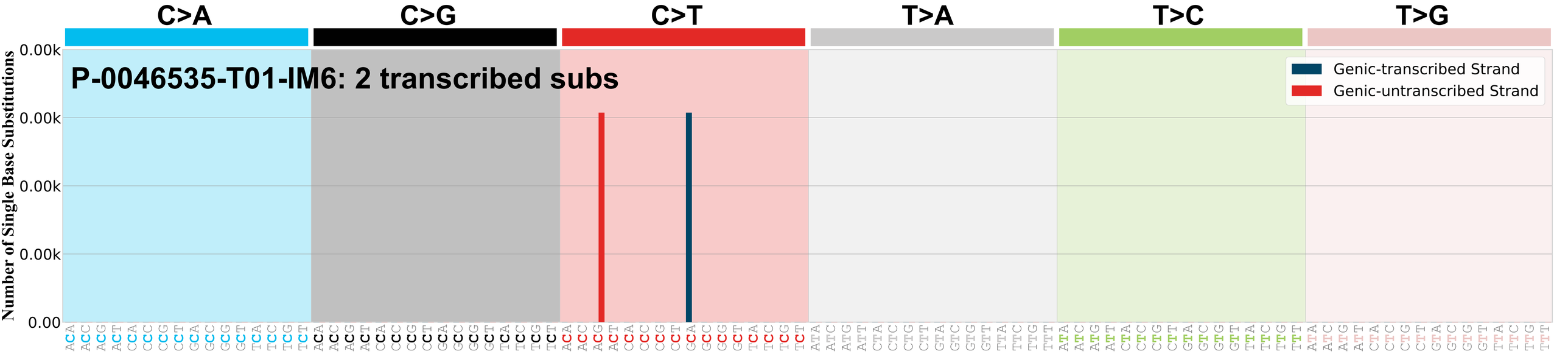
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0046464-T01-IM6: 6 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-0046535-T01-IM6: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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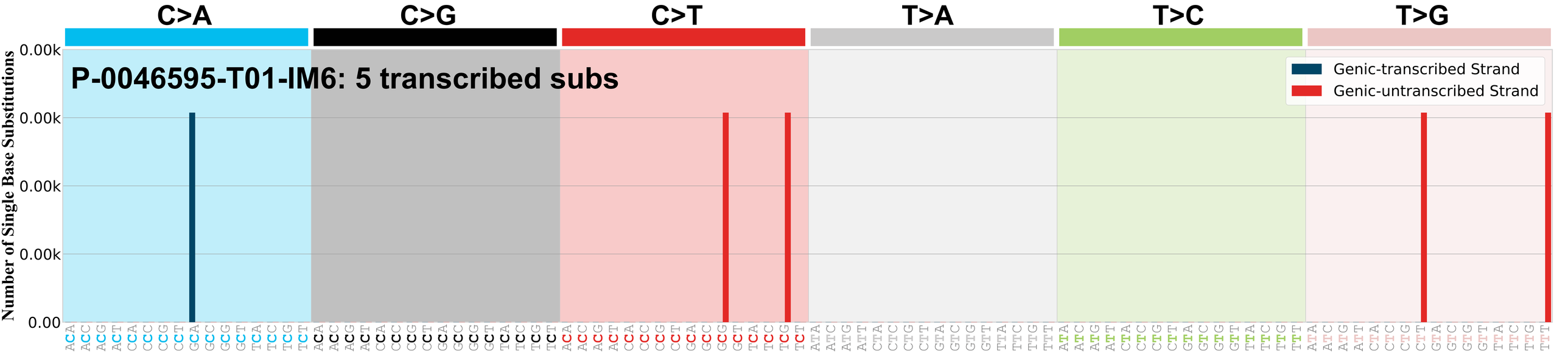
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0046595-T01-IM6: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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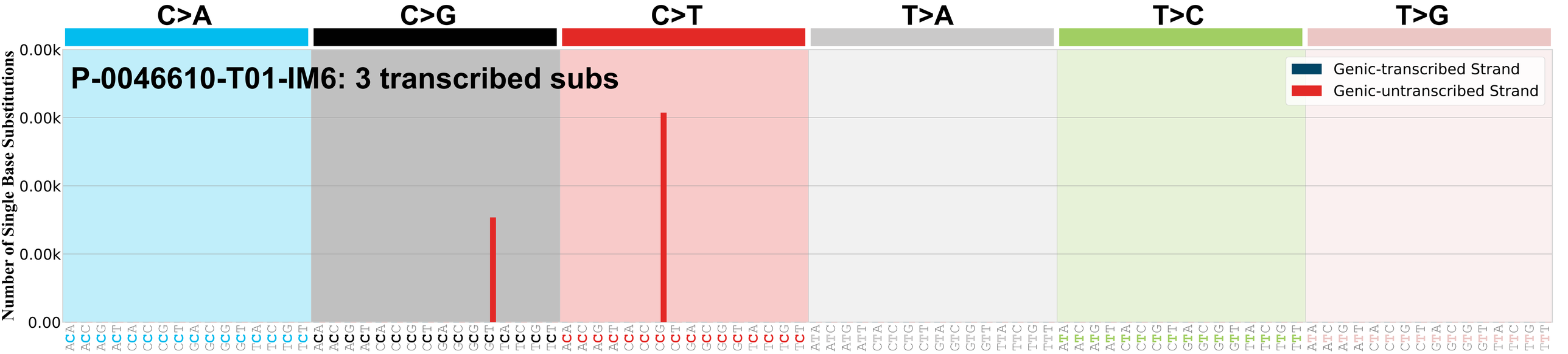
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0046610-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
0.00k
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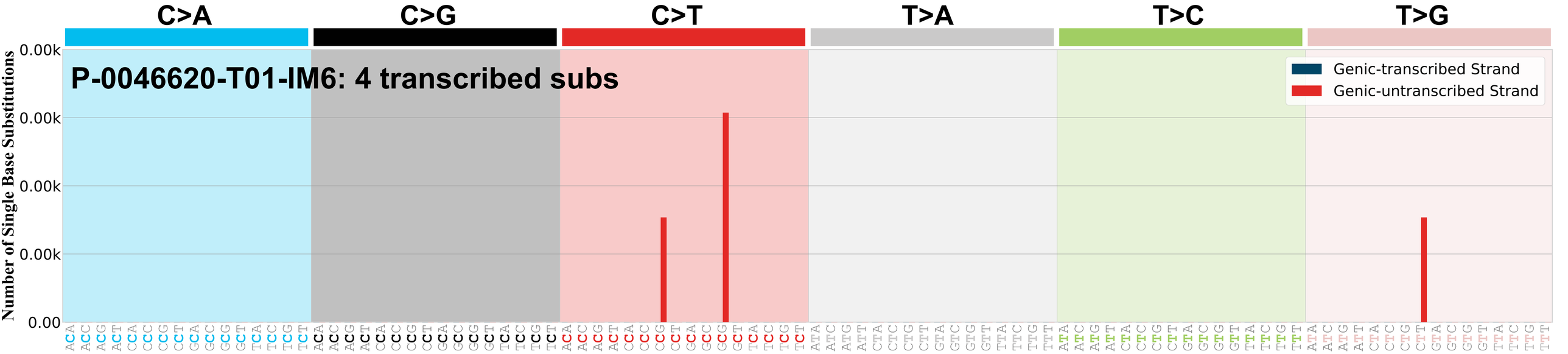
C>A
C>G
C>T
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T>C
T>G
P-0046620-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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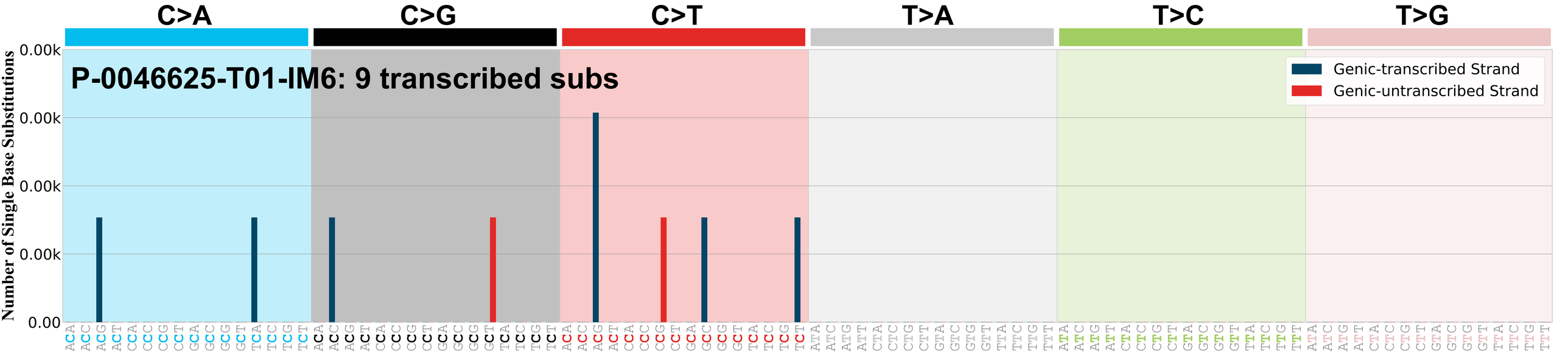
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0046625-T01-IM6: 9 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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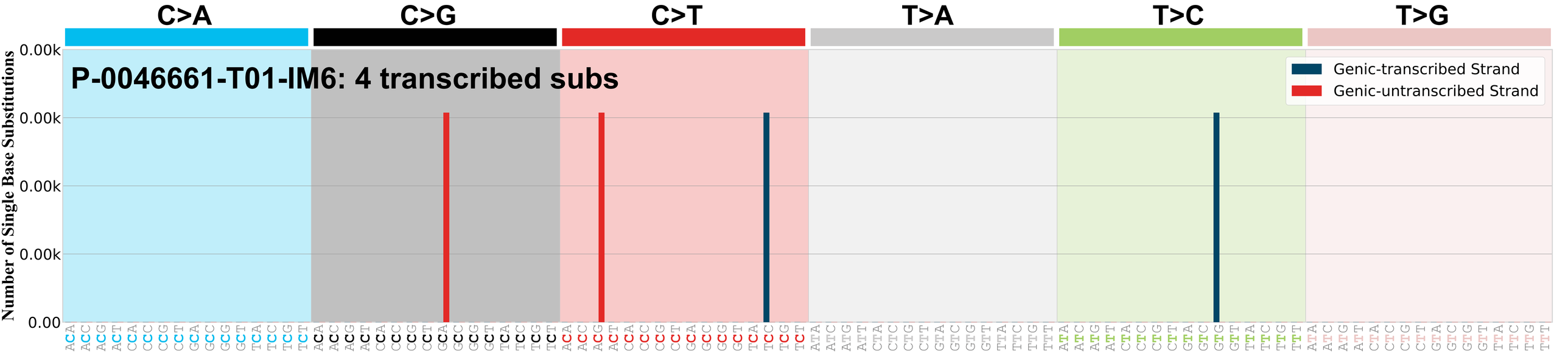
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0046661-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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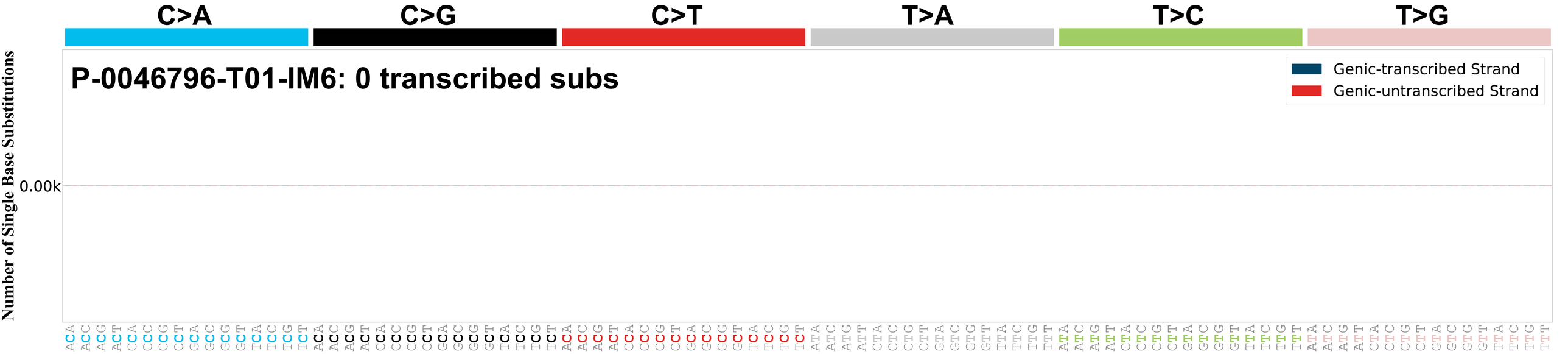
0.00k
0.00k
0.00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C>G
C>T
T>A
T>C
T>G
P-0046796-T01-IM6: 0 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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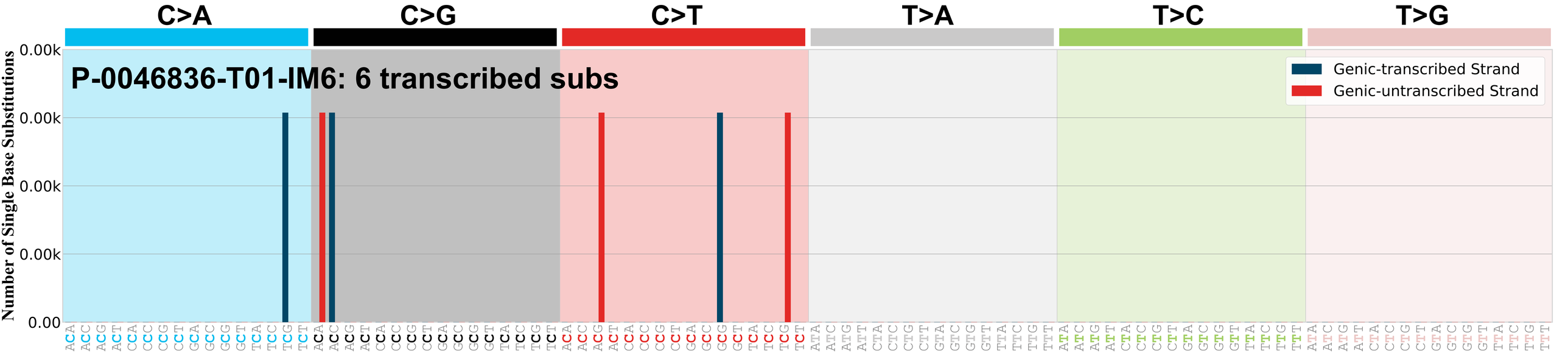
C>A
C>G
C>T
T>A
T>C
T>G
P-0046836-T01-IM6: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
0.00k
0.00k
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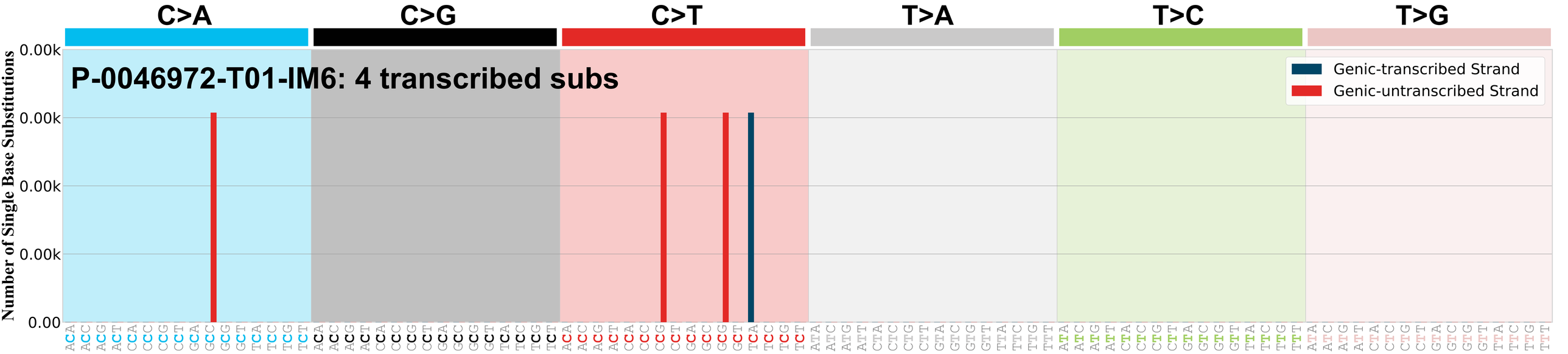
C>A
C>G
C>T
T>A
T>C
T>G
P-0046972-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
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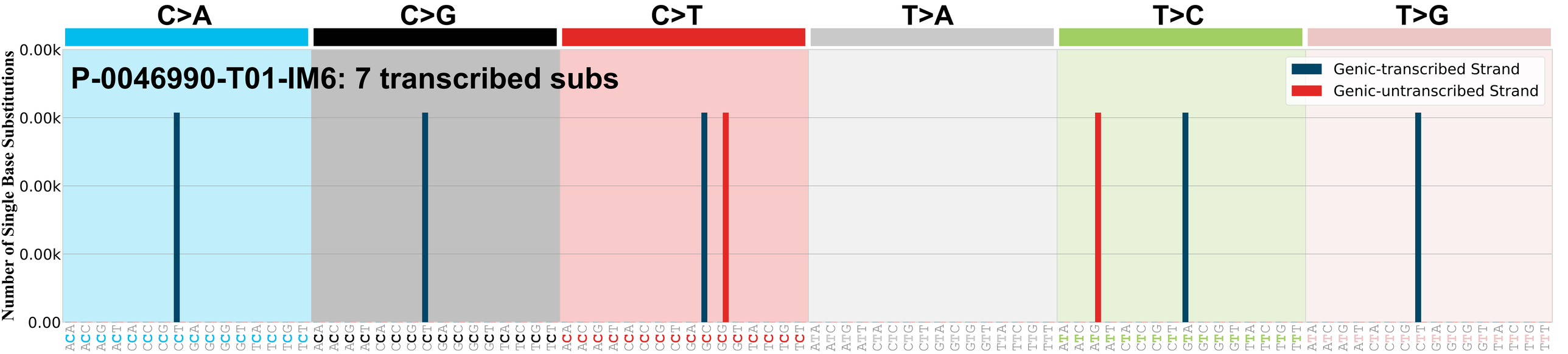
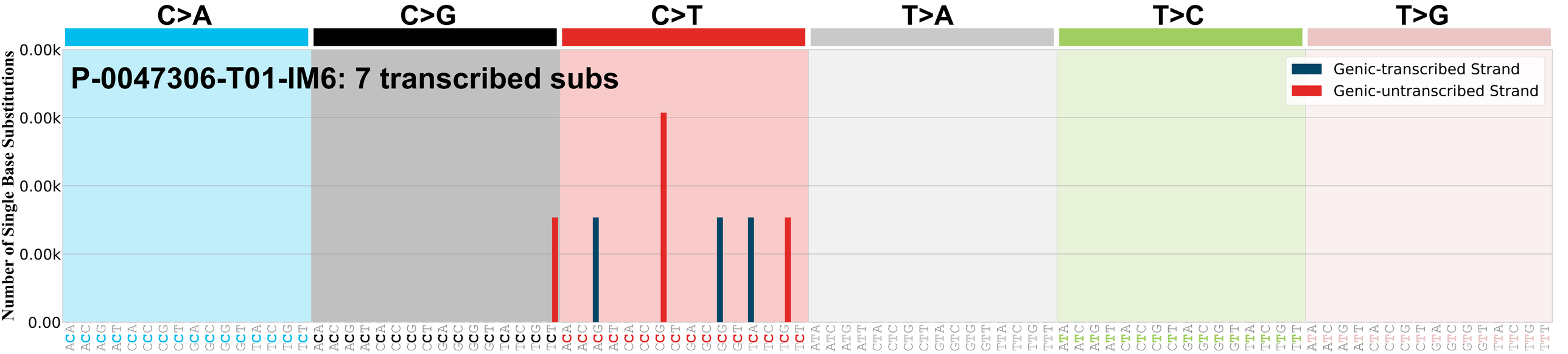
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0046990-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-0047306-T01-IM6: 7 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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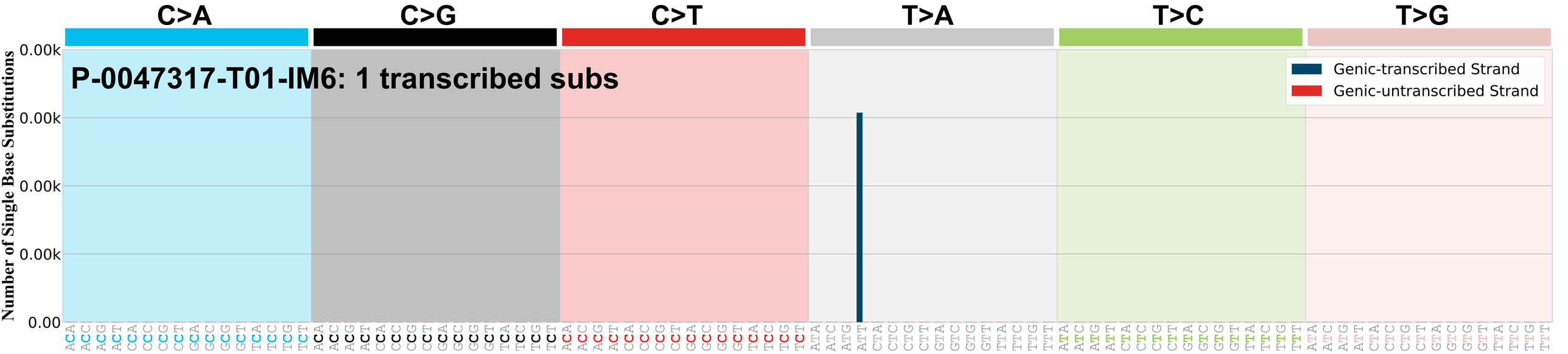
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0047317-T01-IM6: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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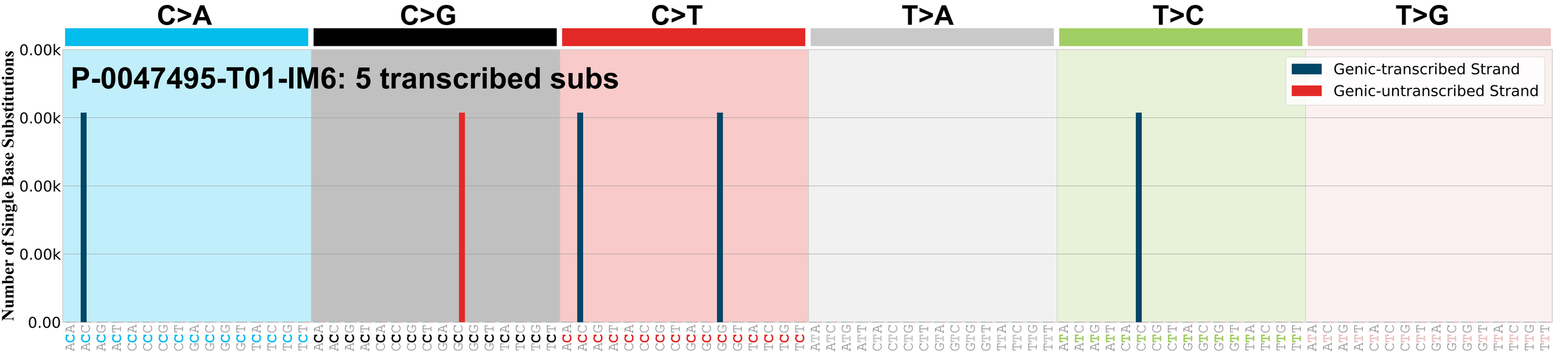
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0047495-T01-IM6: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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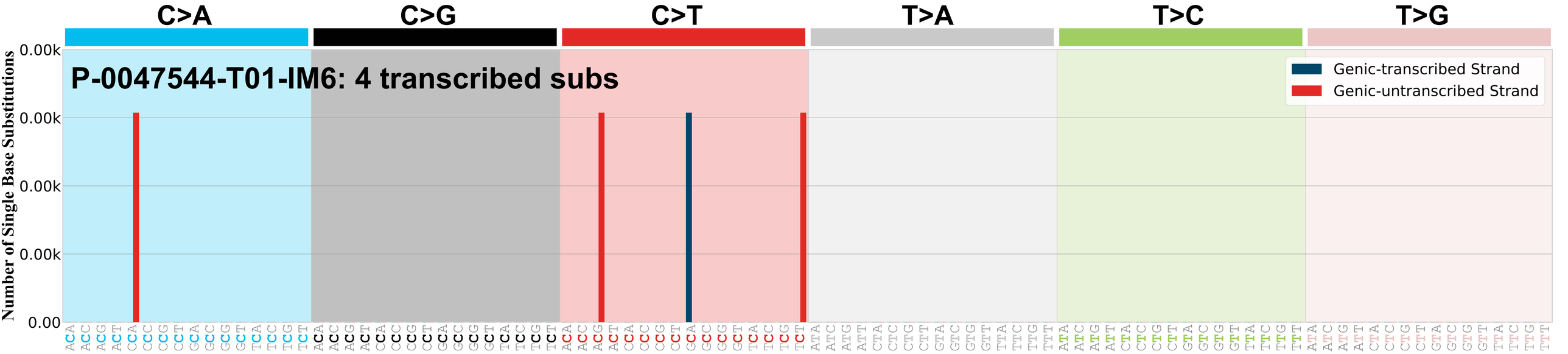
C>A
C>G
C>T
T>A
T>C
T>G
P-0047544-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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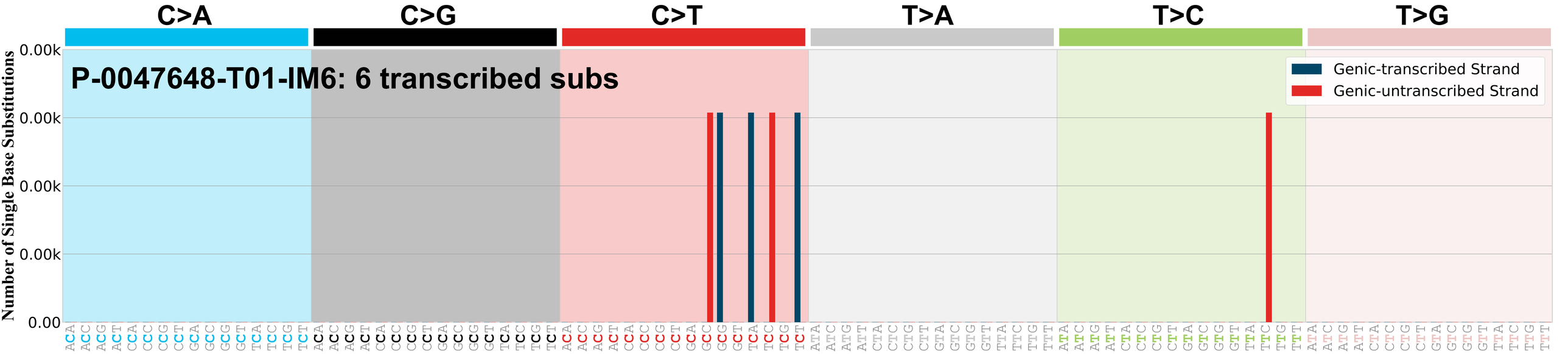
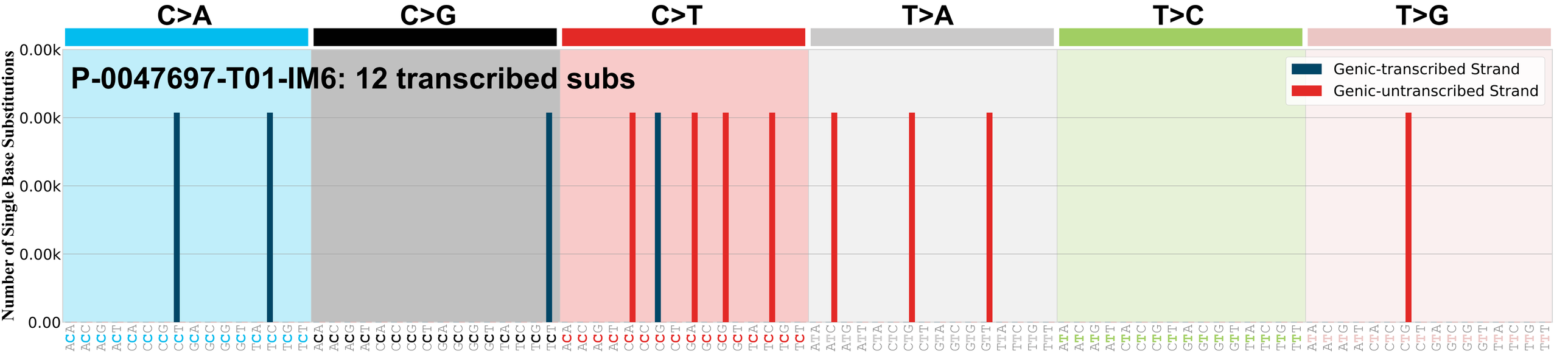
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0047648-T01-IM6: 6 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
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T>C
T>G
P-0047697-T01-IM6: 12 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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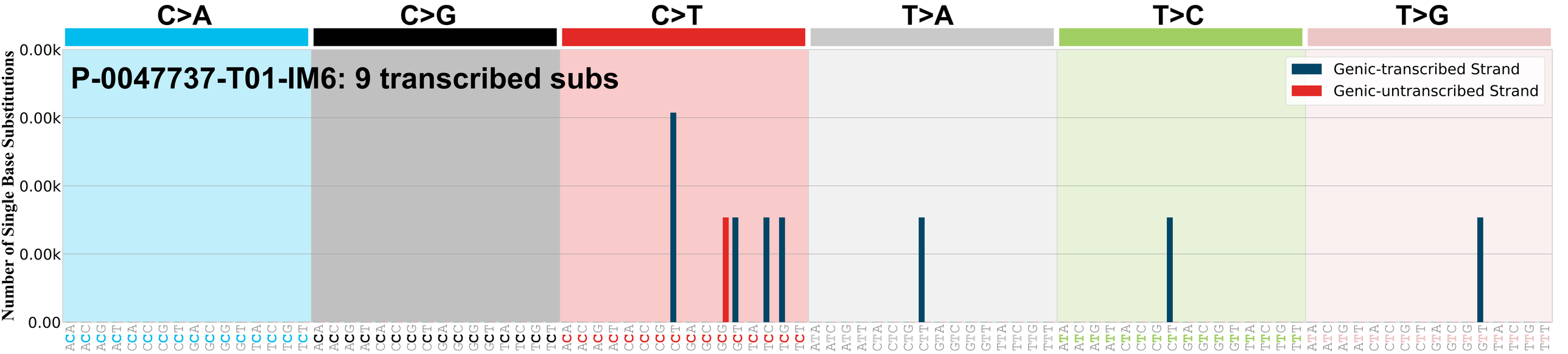
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C>G
C>T
T>A
T>C
T>G
P-0047737-T01-IM6: 9 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
0.00k
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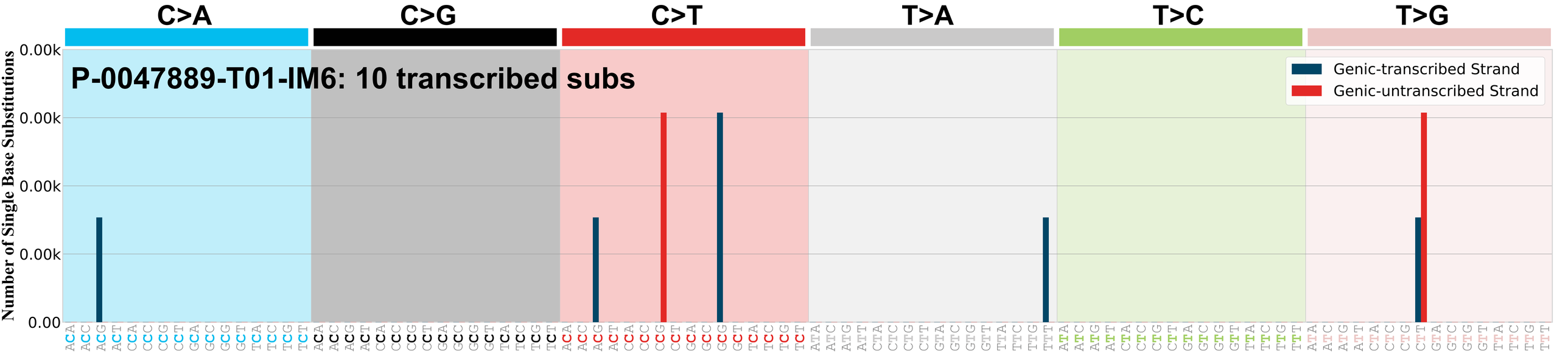
0.00


C>A
C>G
C>T
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T>C
T>G
P-0047889-T01-IM6: 10 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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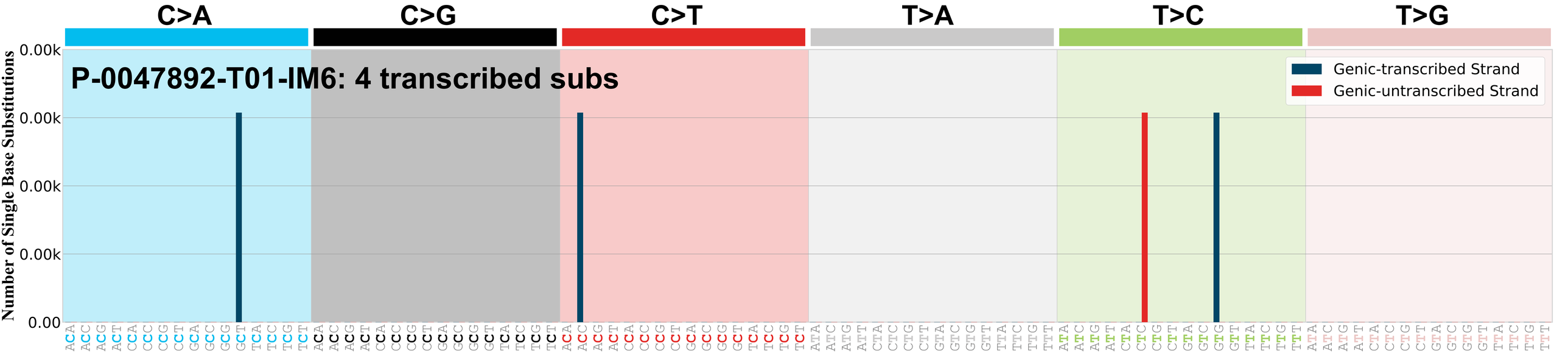
0.00k
0.00k
0.00k
0.00


C>A
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C>T
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T>C
T>G
P-0047892-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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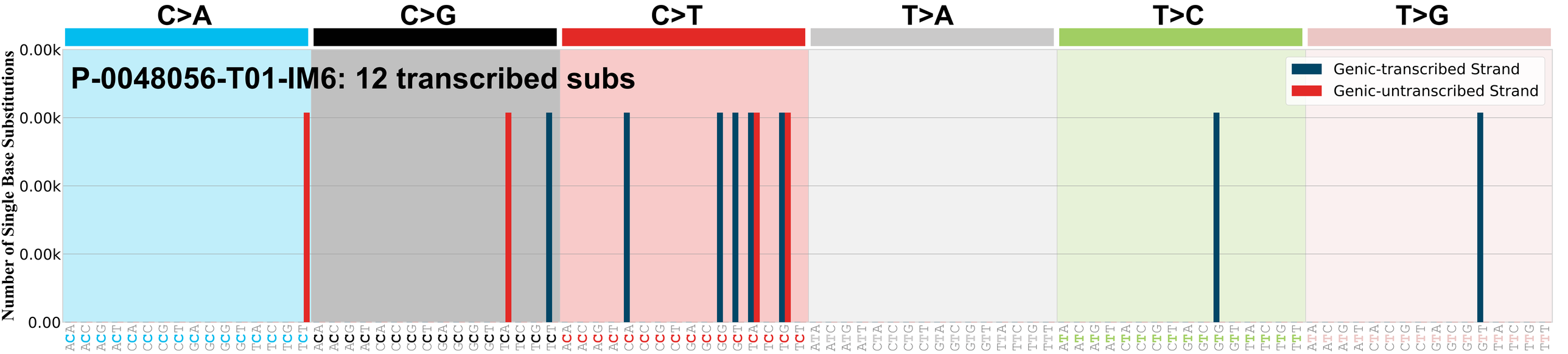
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0048056-T01-IM6: 12 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
0.00k
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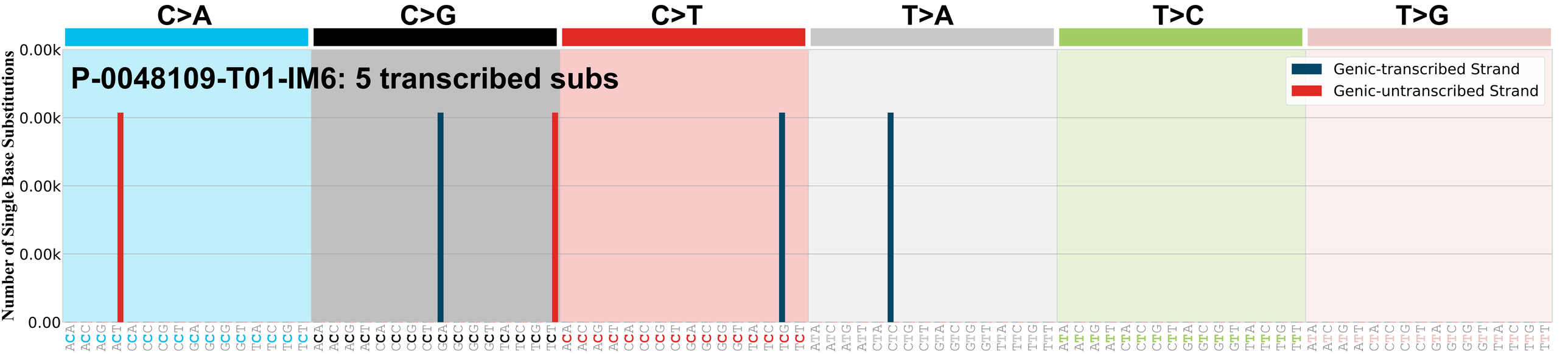
0.00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T>C
T>G
P-0048109-T01-IM6: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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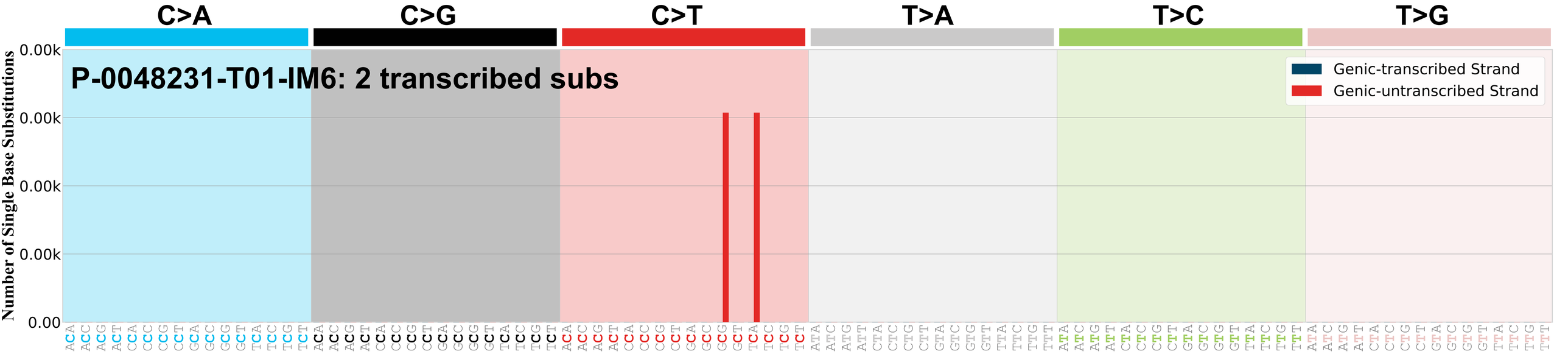
0.00k
0.00k
0.00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C>G
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T>C
T>G
P-0048231-T01-IM6: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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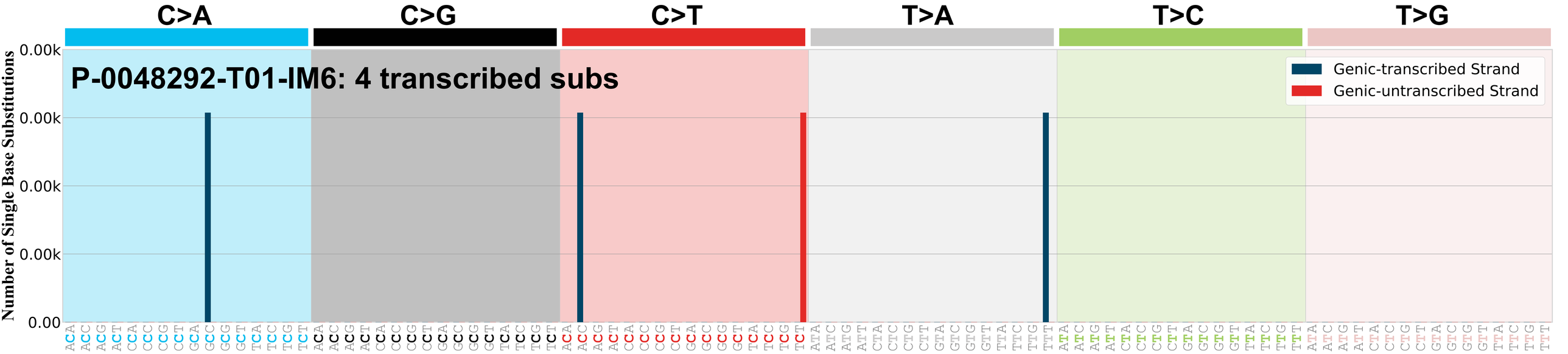
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0048292-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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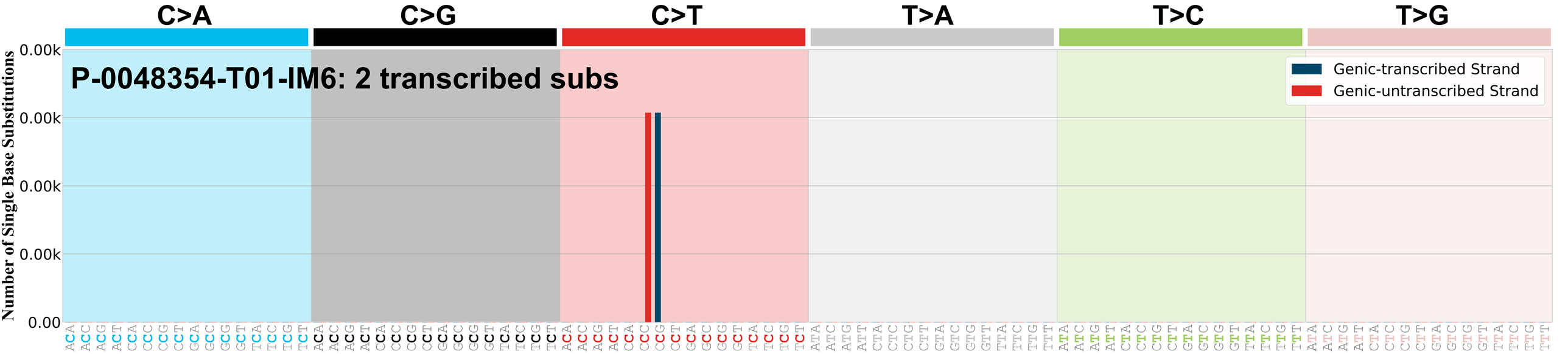
0.00k
0.00k
0.00k
0.00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T>C
T>G
P-0048354-T01-IM6: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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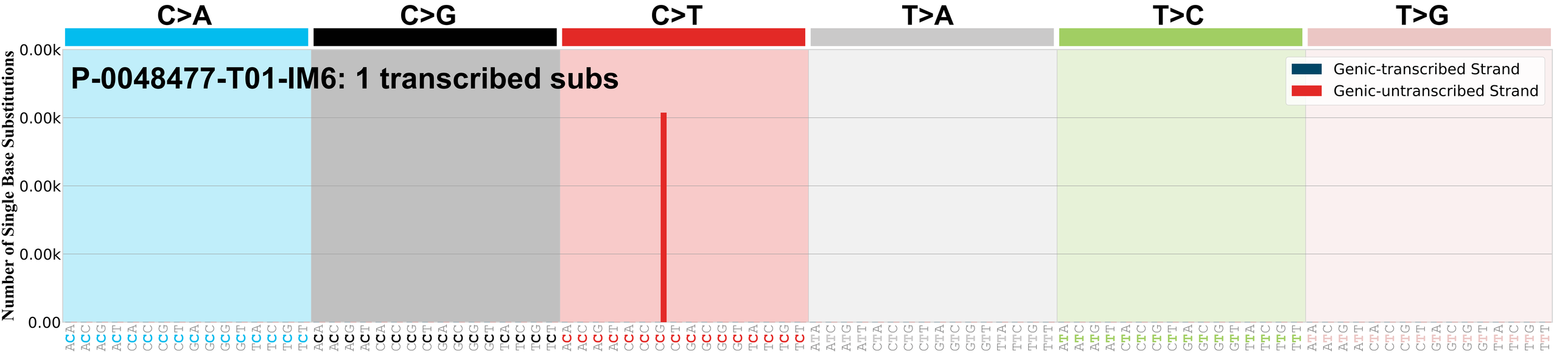
C>A
C>G
C>T
T>A
T>C
T>G
P-0048477-T01-IM6: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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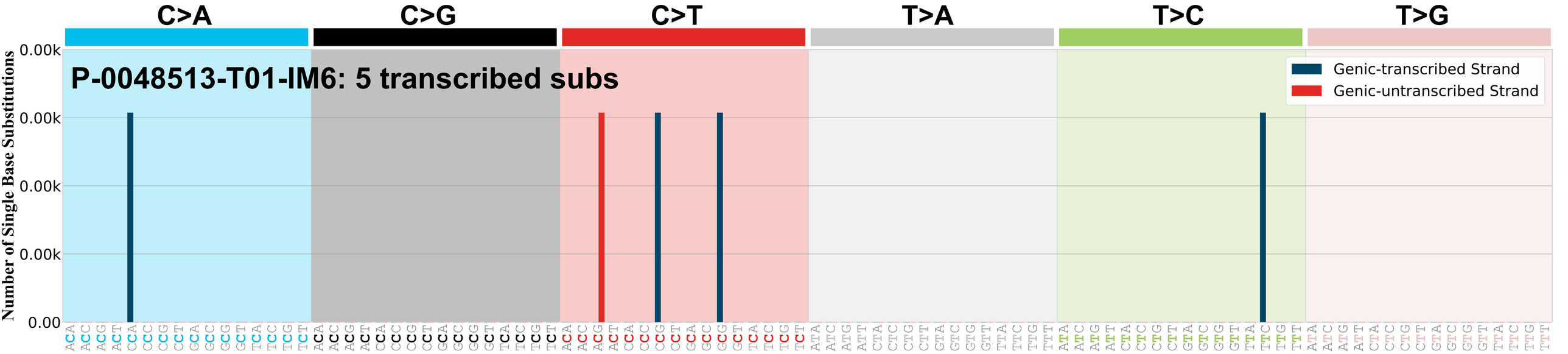
0.00k
0.00k
0.00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C>G
C>T
T>A
T>C
T>G
P-0048513-T01-IM6: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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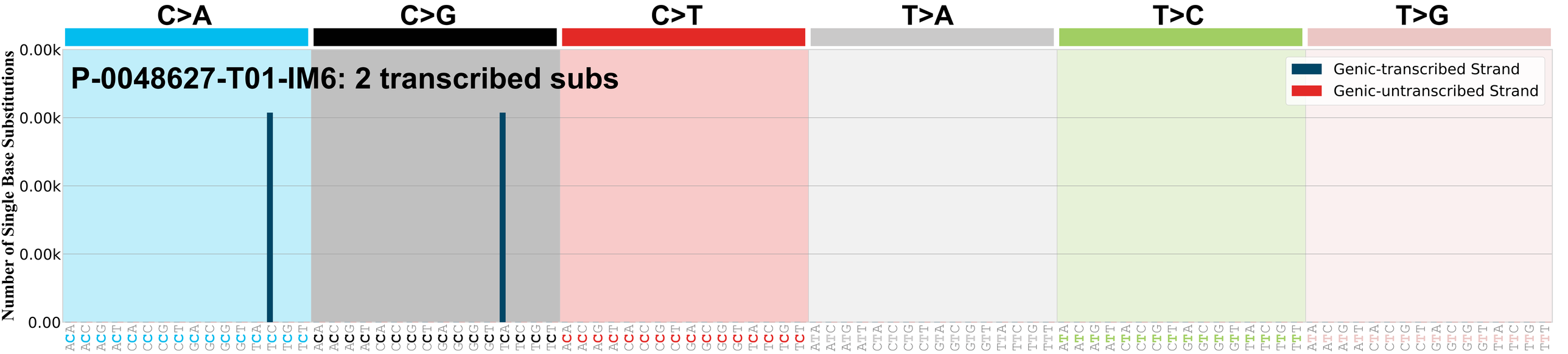
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0048627-T01-IM6: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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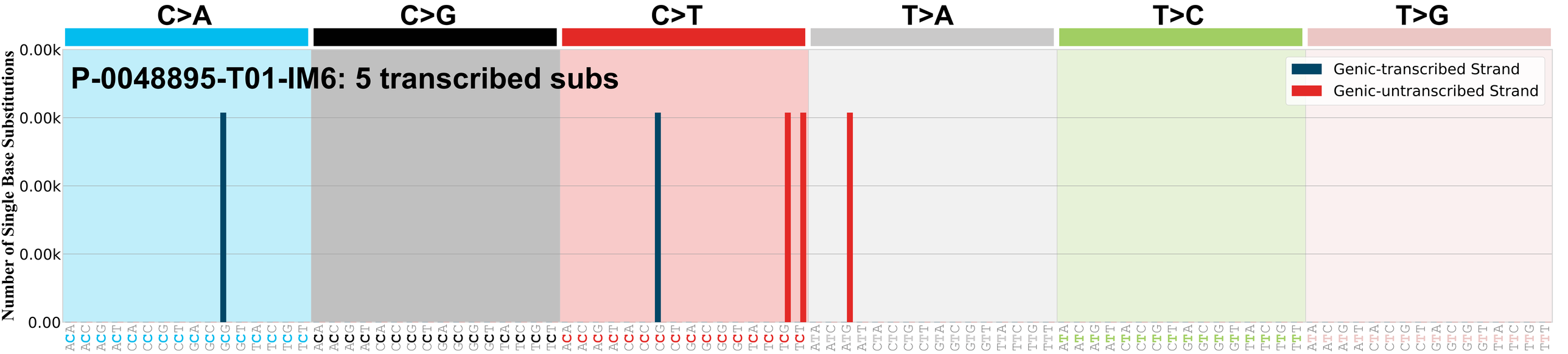
C>A
C>G
C>T
T>A
T>C
T>G
P-0048895-T01-IM6: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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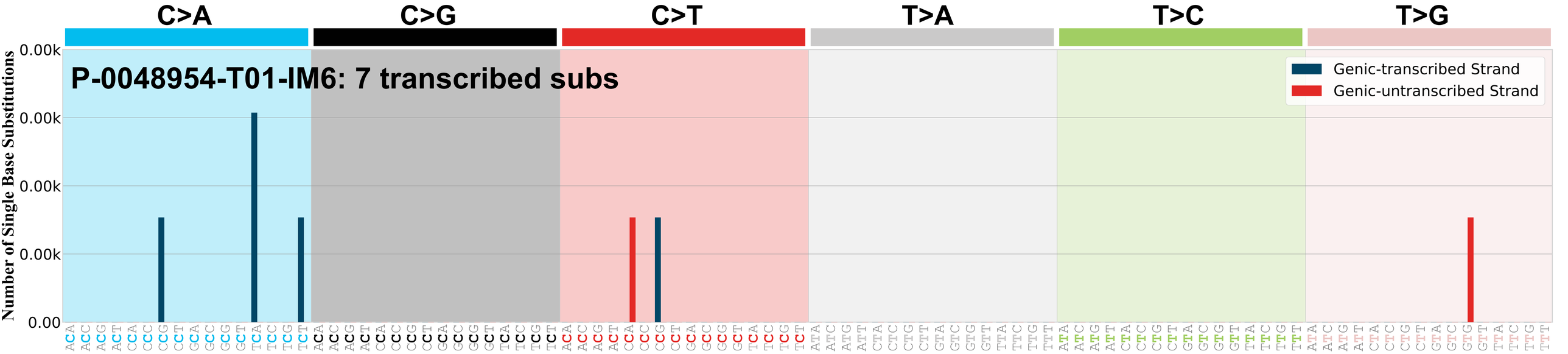
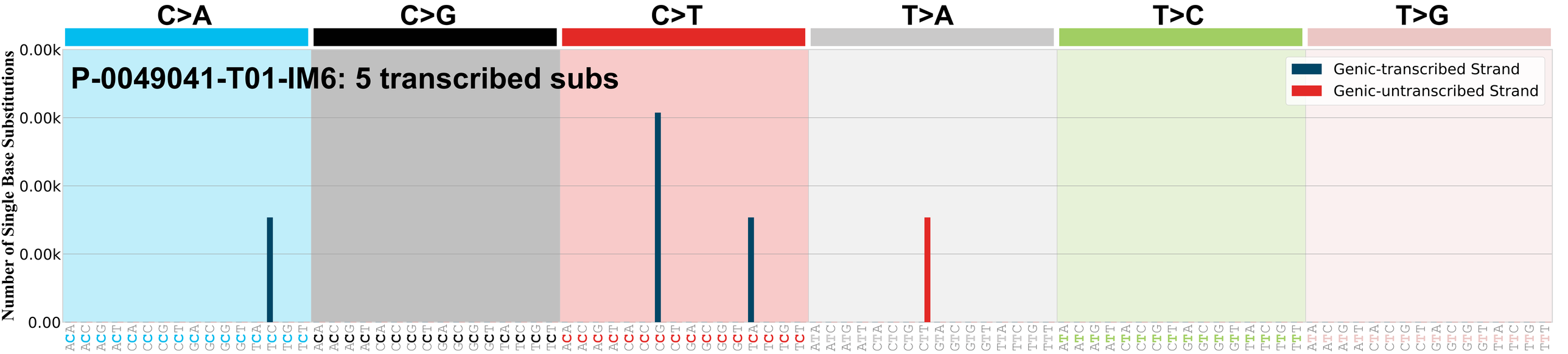
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0048954-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
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-0049041-T01-IM6: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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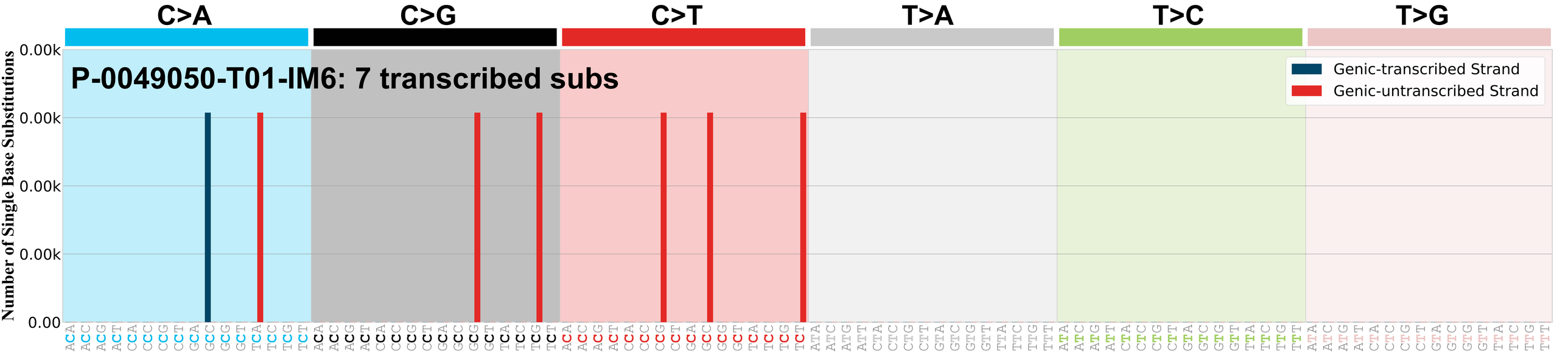
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0049050-T01-IM6: 7 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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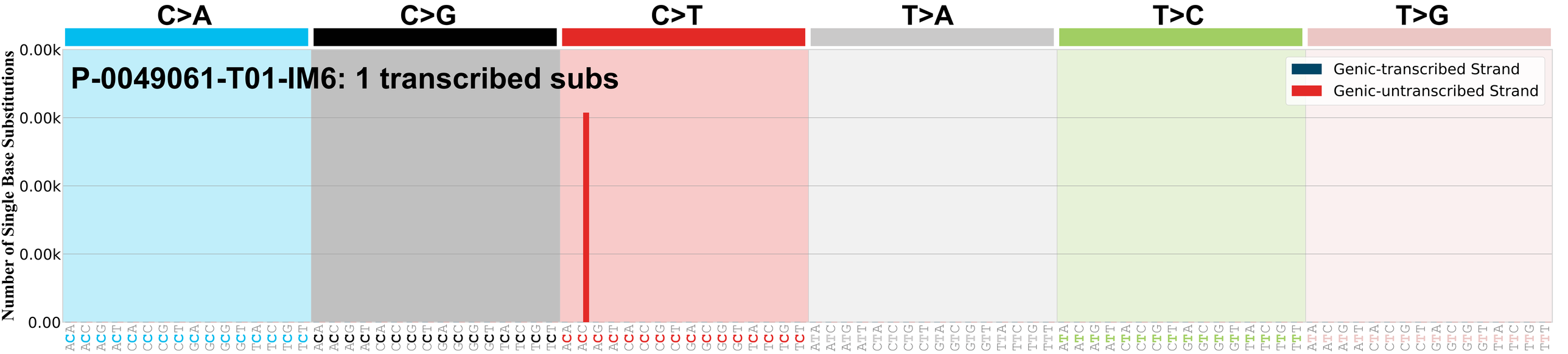
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0049061-T01-IM6: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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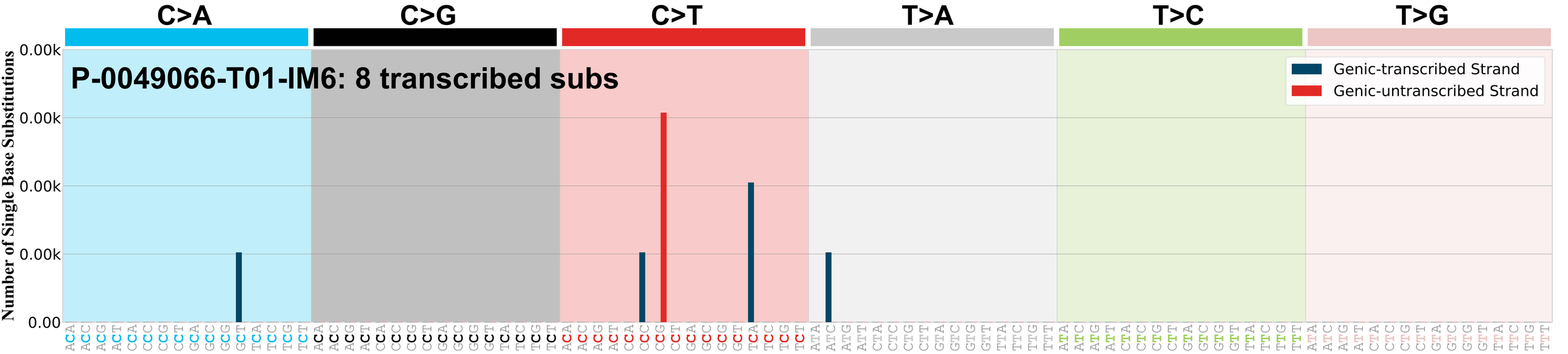
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0049066-T01-IM6: 8 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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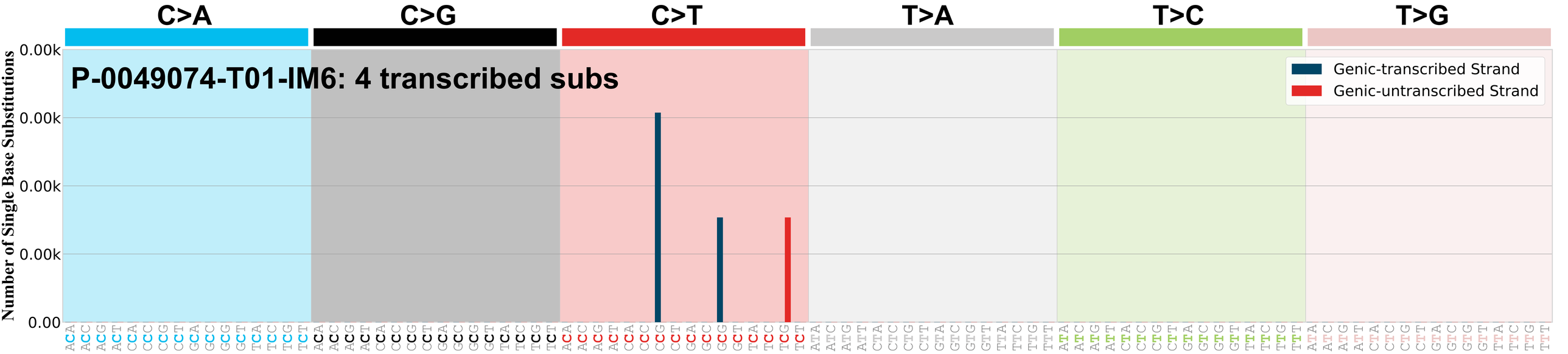
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0049074-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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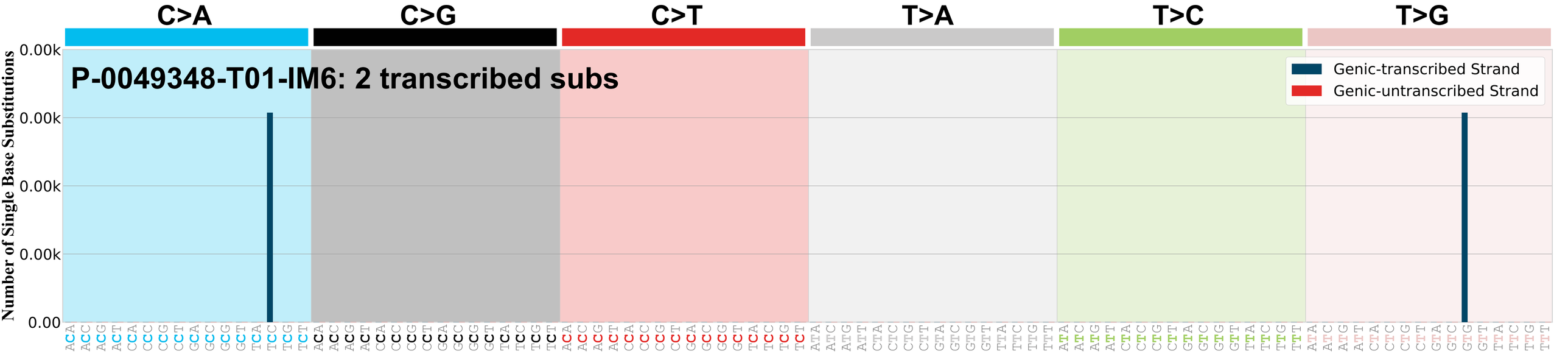
C>A
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C>T
T>A
T>C
T>G
P-0049348-T01-IM6: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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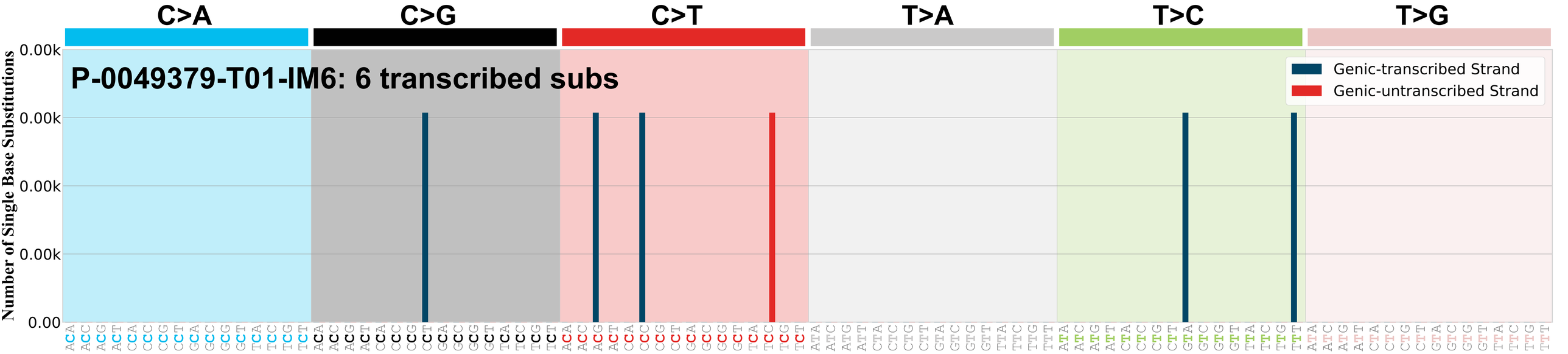
C>A
C>G
C>T
T>A
T>C
T>G
P-0049379-T01-IM6: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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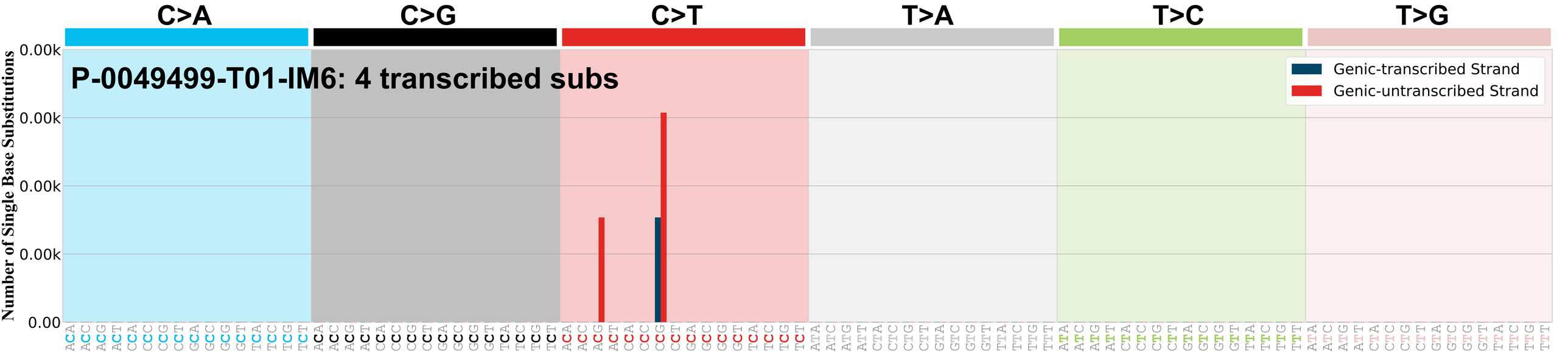
C>A
C>G
C>T
T>A
T>C
T>G
P-0049499-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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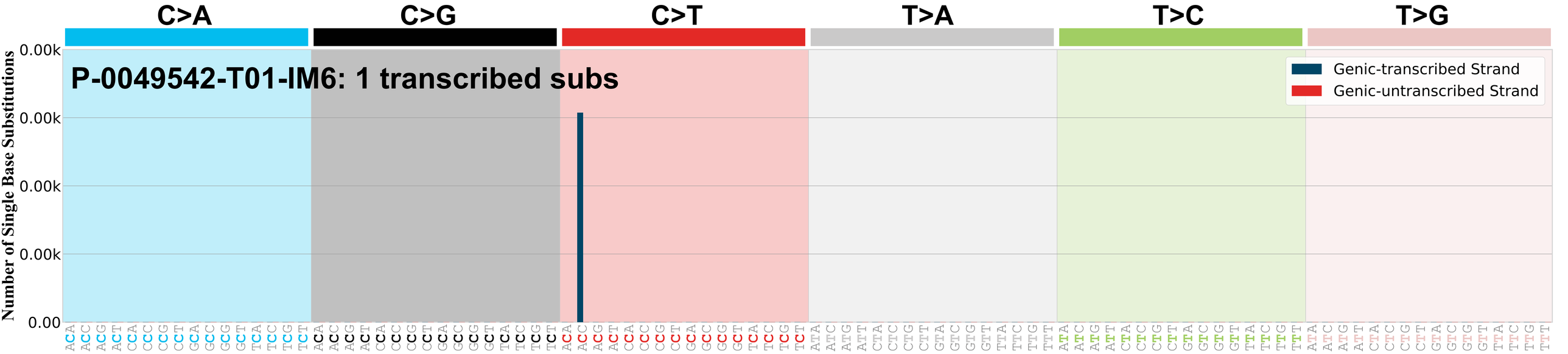
C>A
C>G
C>T
T>A
T>C
T>G
P-0049542-T01-IM6: 1 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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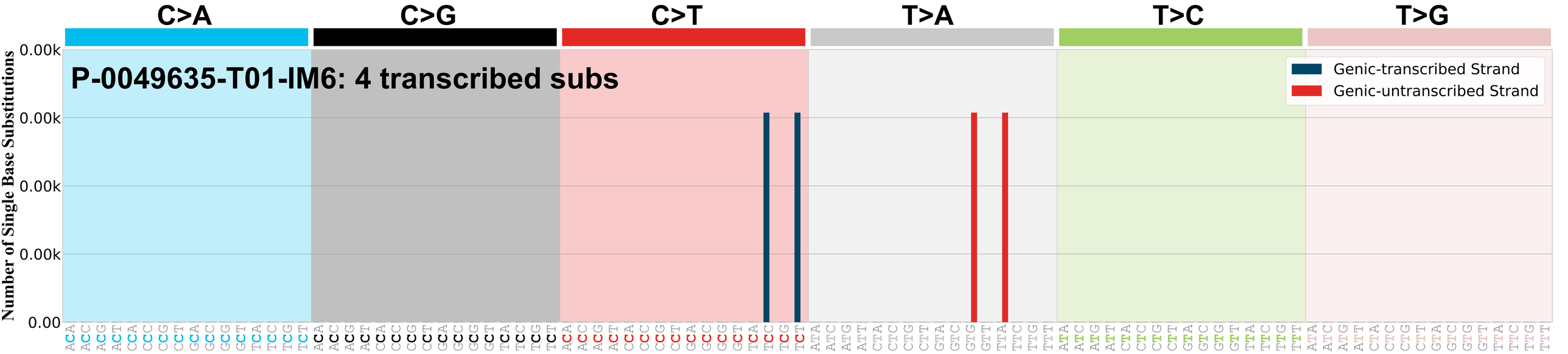
C>A
C>G
C>T
T>A
T>C
T>G
P-0049635-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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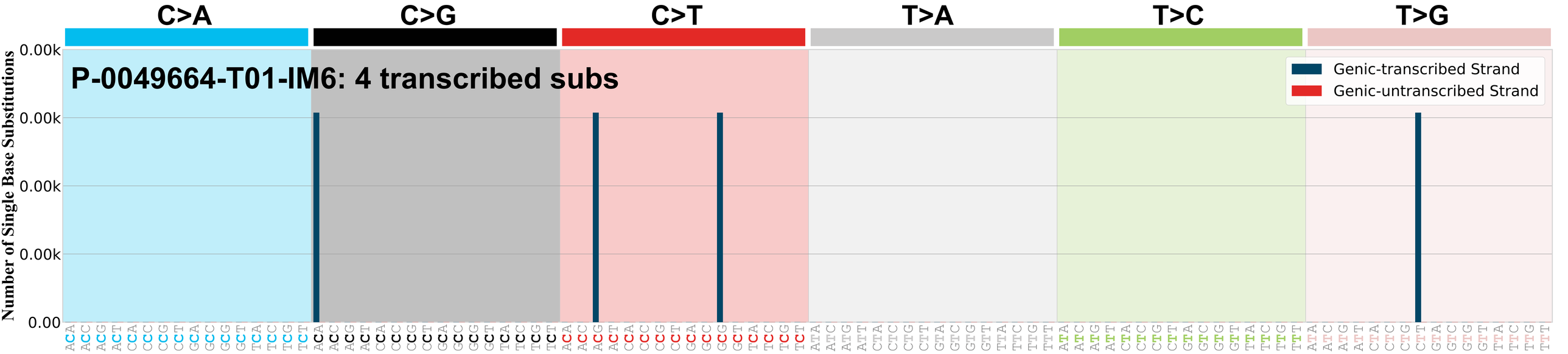
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C>T
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T>C
T>G
P-0049664-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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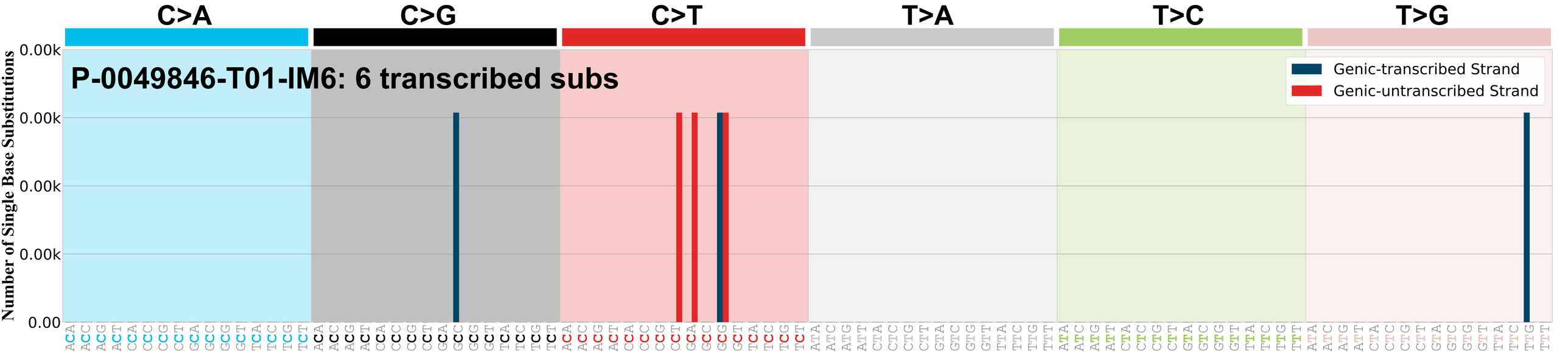
C>A
C>G
C>T
T>A
T>C
T>G
P-0049846-T01-IM6: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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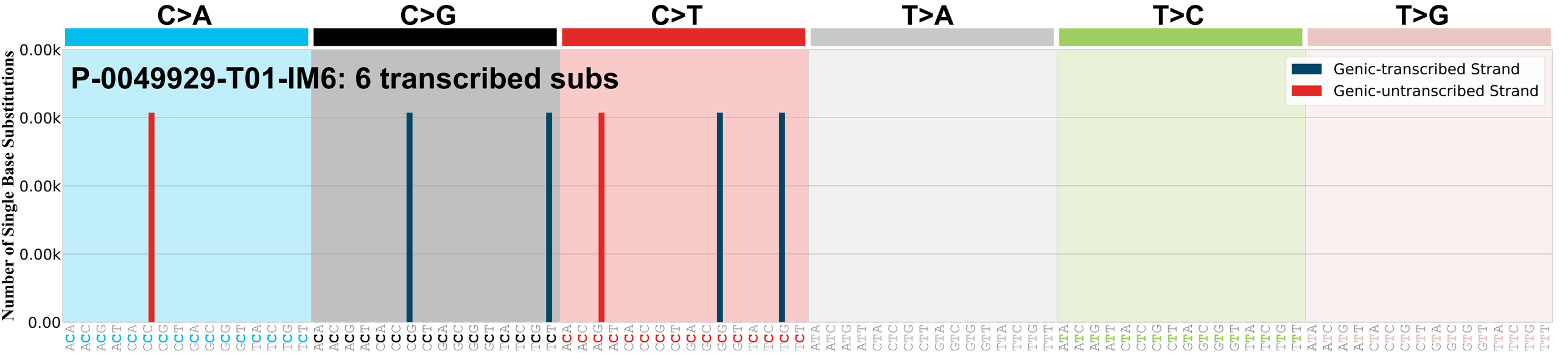
C>A
C>G
C>T
T>A
T>C
T>G
P-0049929-T01-IM6: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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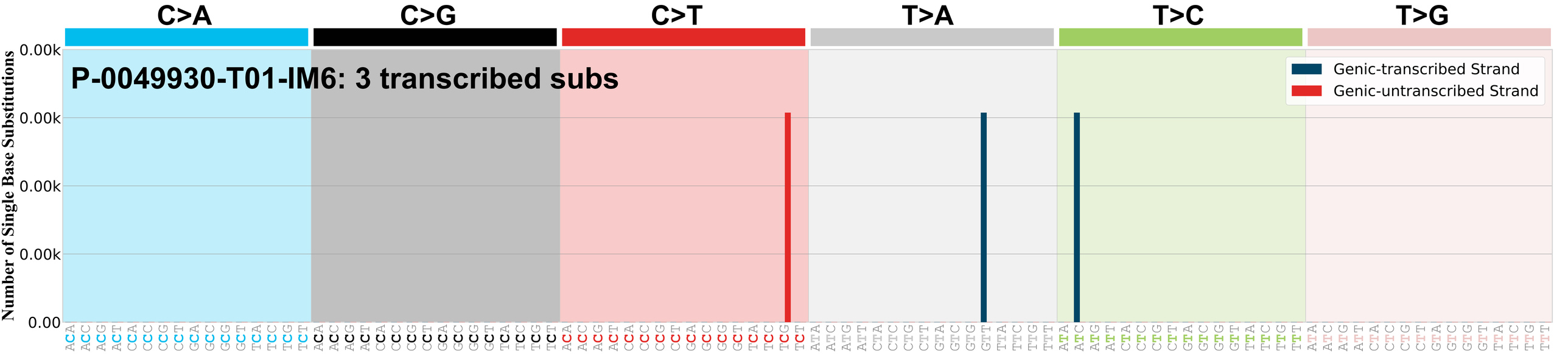
C>A
C>G
C>T
T>A
T>C
T>G
P-0049930-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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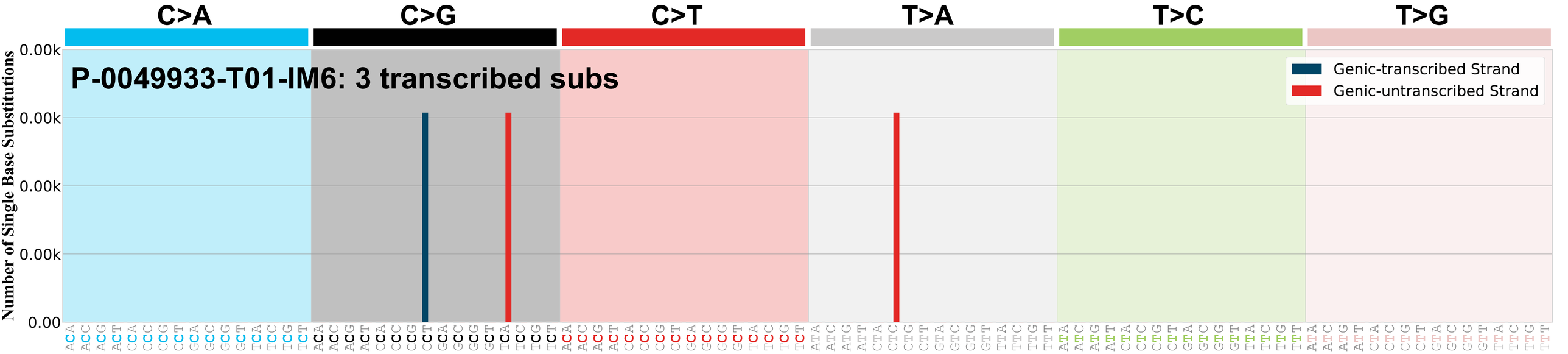
C>A
C>G
C>T
T>A
T>C
T>G
P-0049933-T01-IM6: 3 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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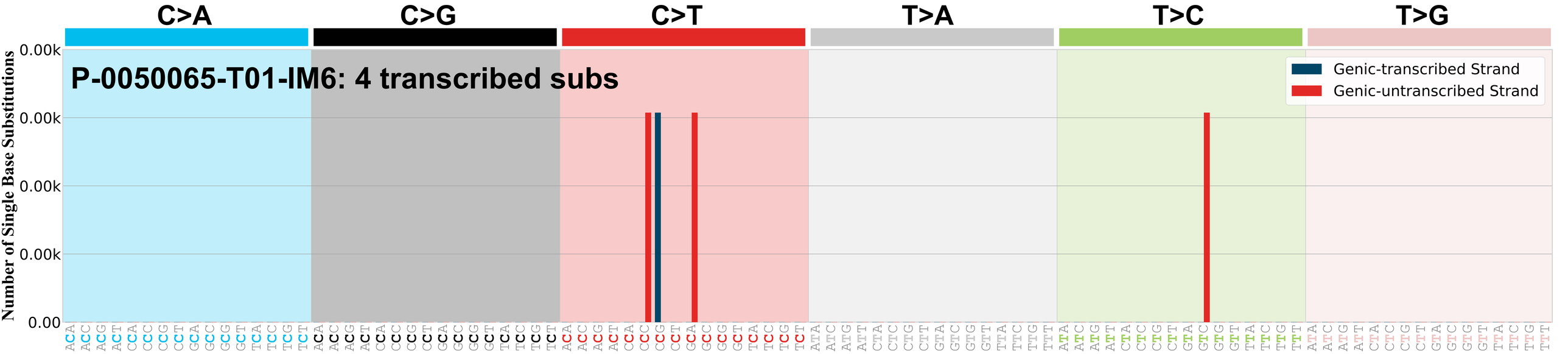
C>A
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T>G
P-0050065-T01-IM6: 4 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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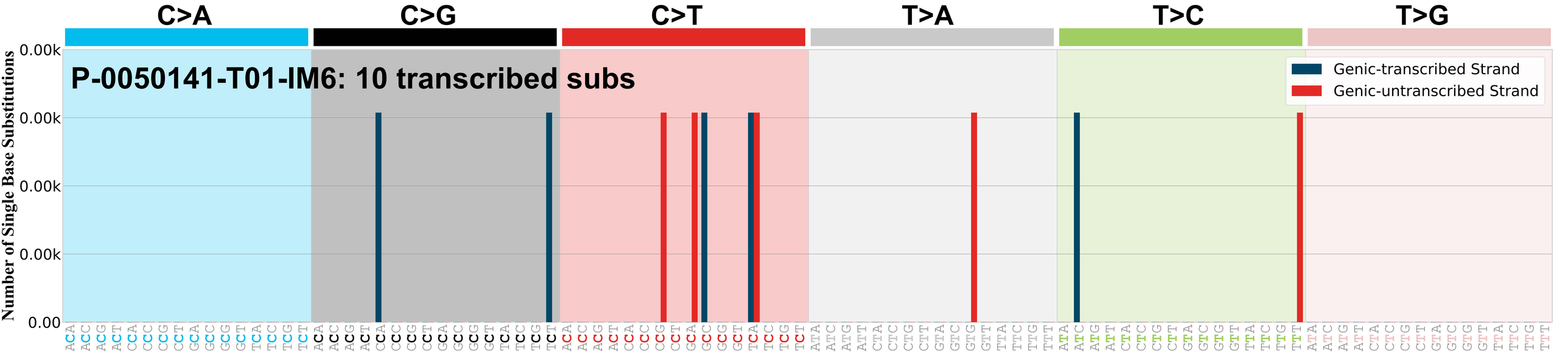
C>A
C>G
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T>C
T>G
P-0050141-T01-IM6: 10 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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0.00k
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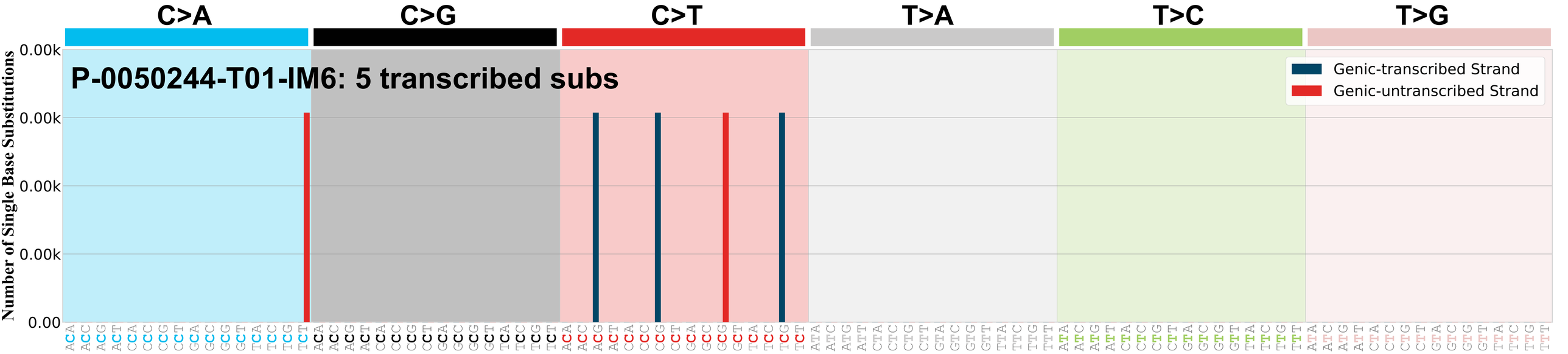
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C>G
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T>C
T>G
P-0050244-T01-IM6: 5 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
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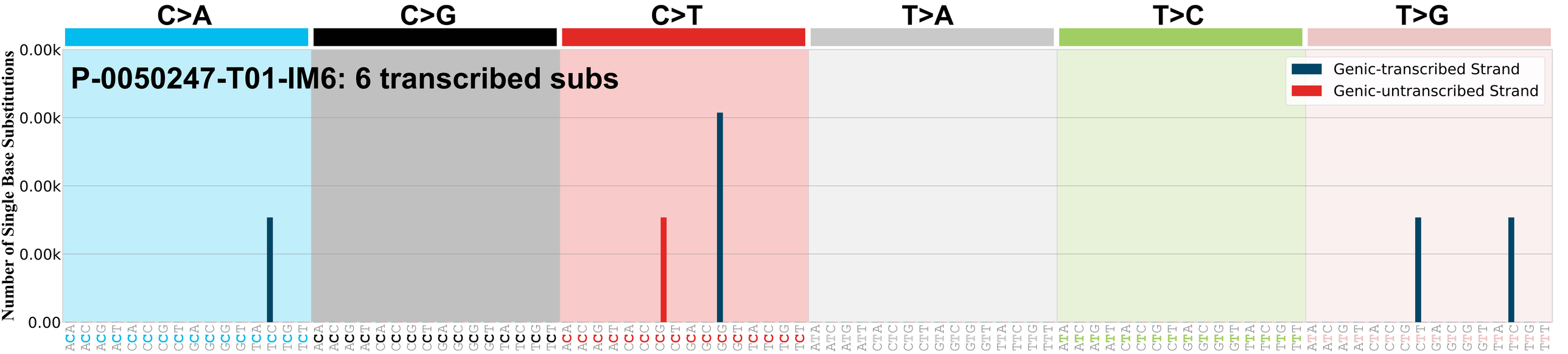
C>A
C>G
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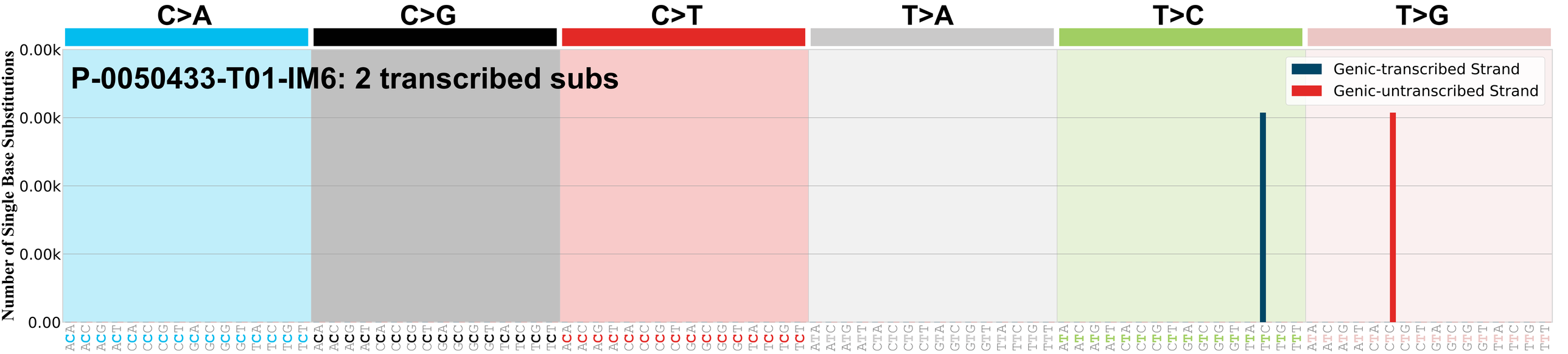
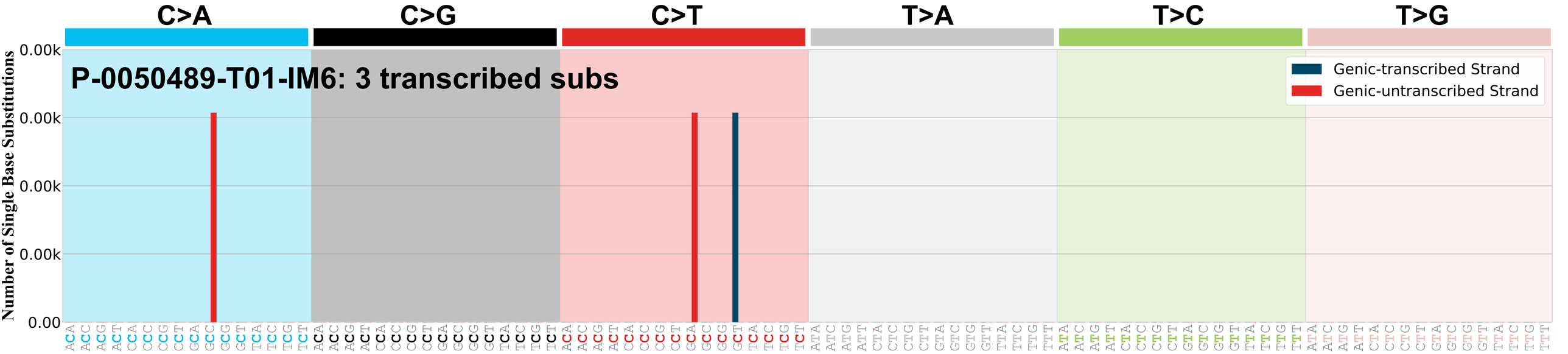
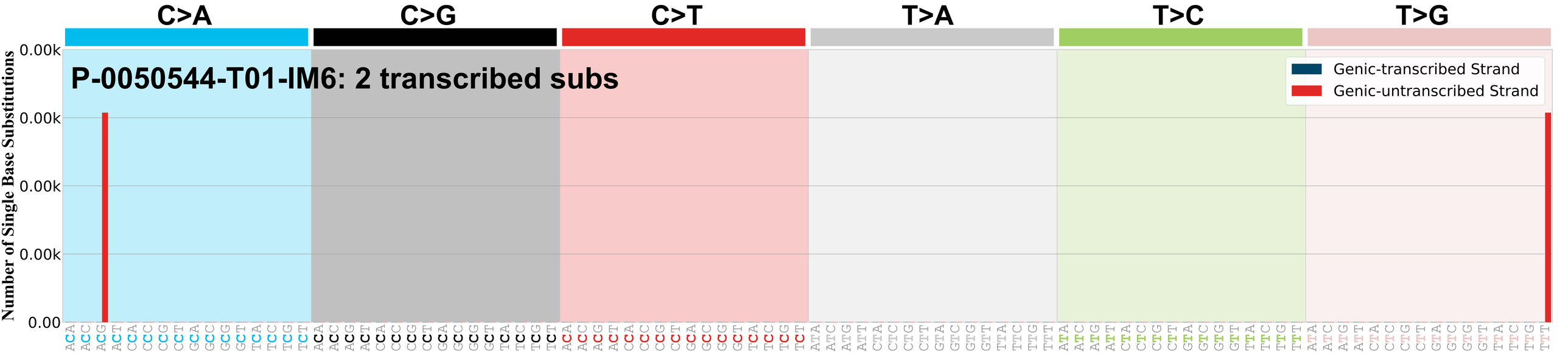
T>C
T>G
P-0050247-T01-IM6: 6 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00


C>A
C>G
C>T
T>A
T>C
T>G
P-0050433-T01-IM6: 2 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-0050489-T01-IM6: 3 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-0050544-T01-IM6: 2 transcribed subs
Genic-transcribed Strand
Genic-untranscribed Strand
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00