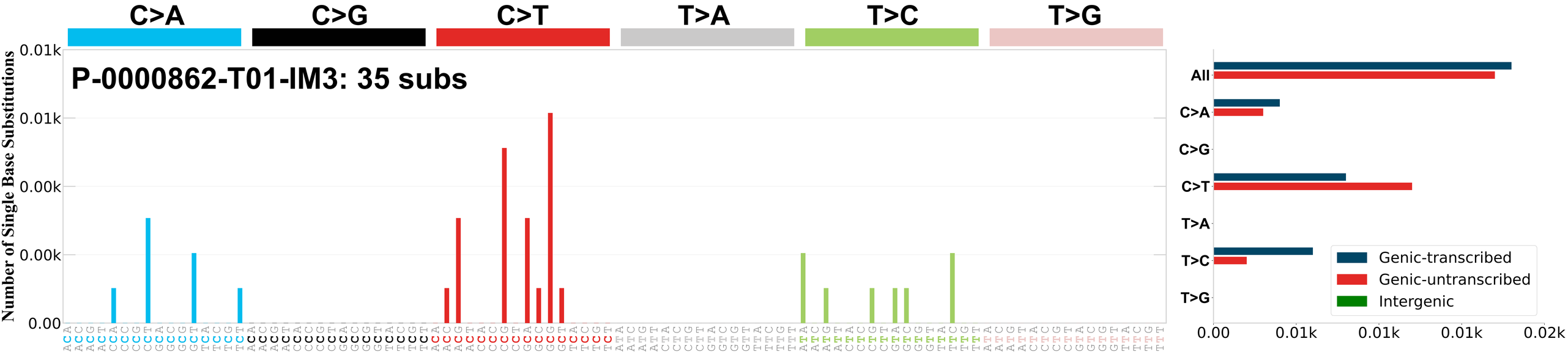
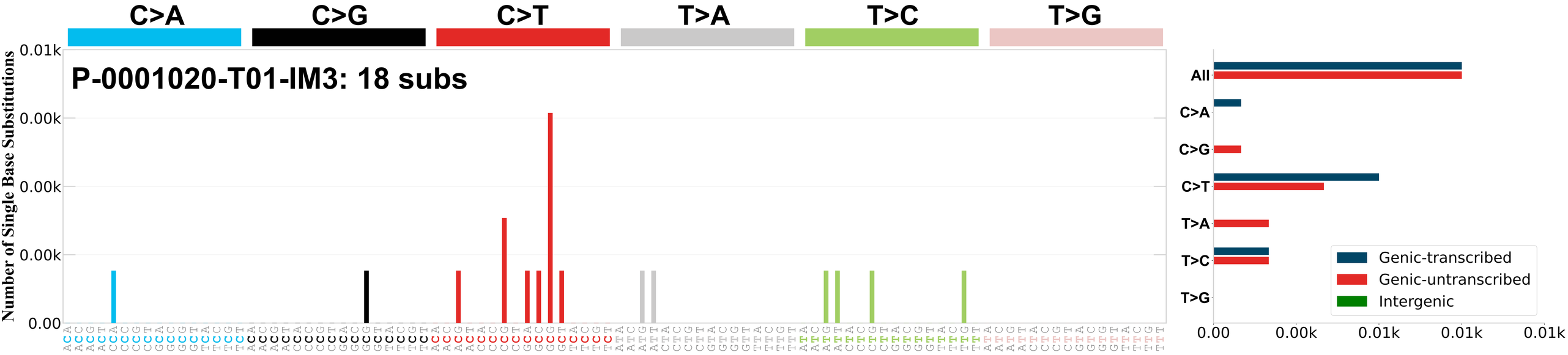
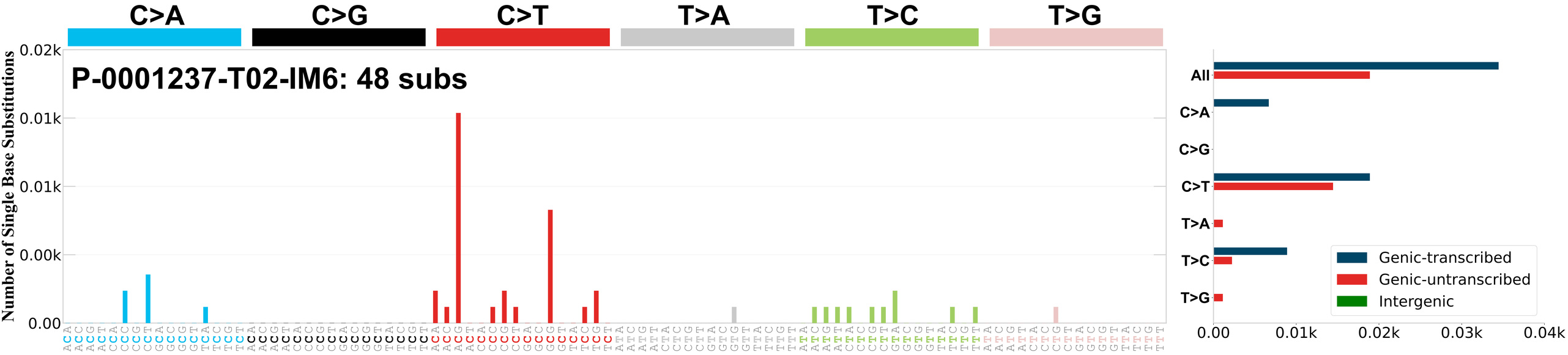
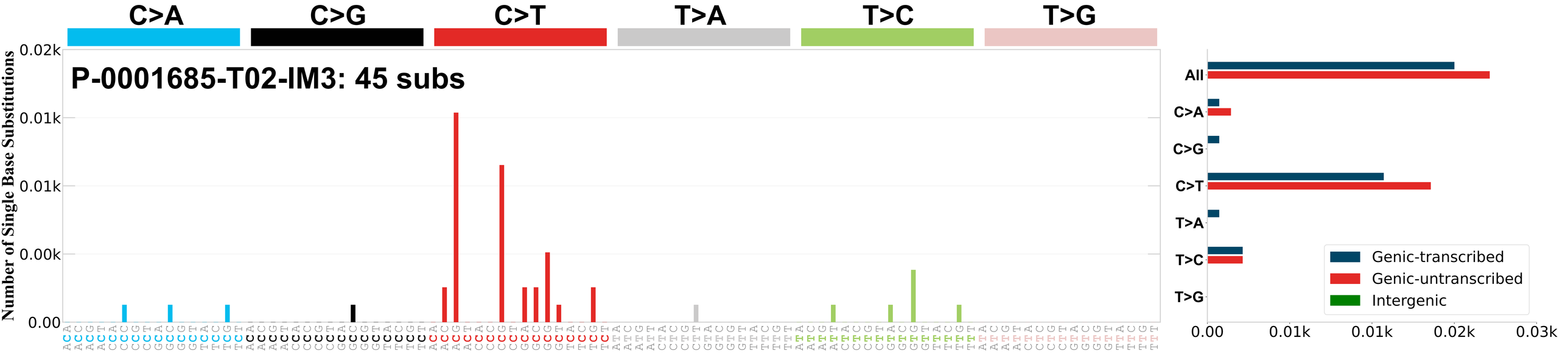
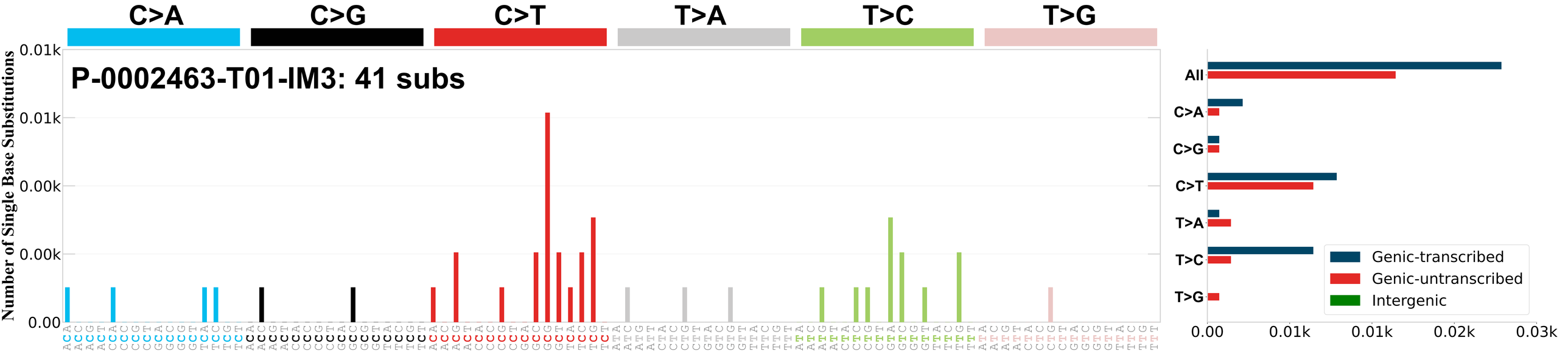
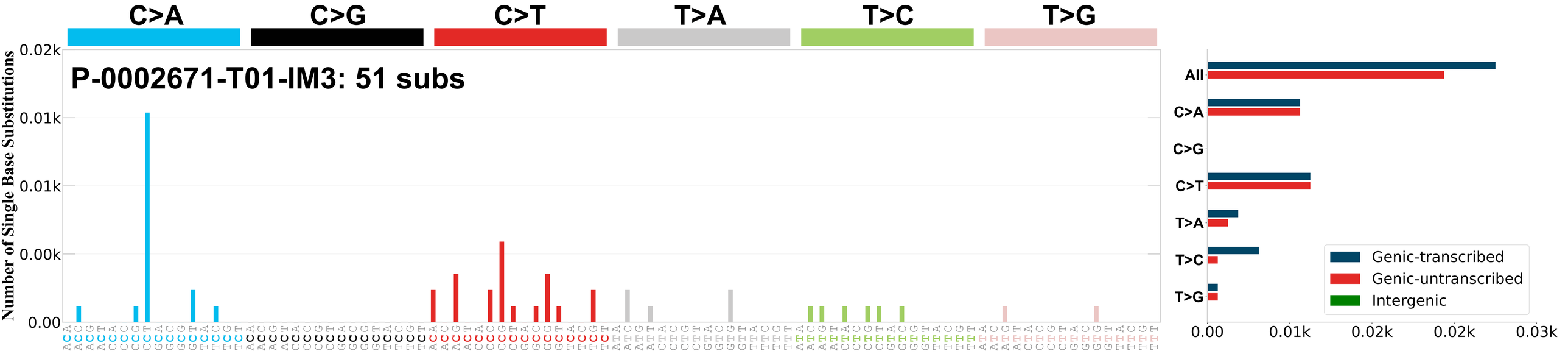

C>A
C>G
C>T
T>A
T>C
T>G
P-0000862-T01-IM3: 35 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.01k
0.02k

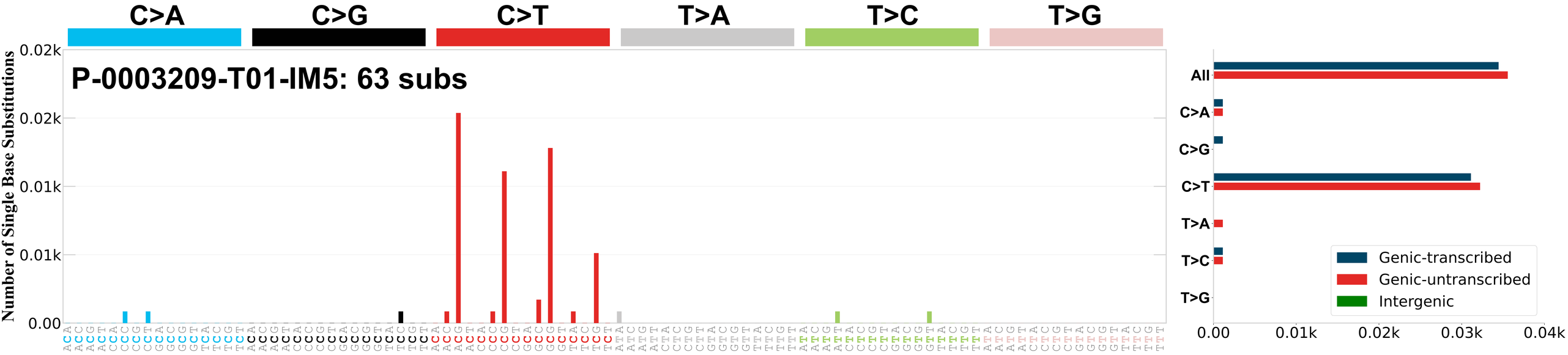

C>A
C>G
C>T
T>A
T>C
T>G
P-0001020-T01-IM3: 18 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.01k

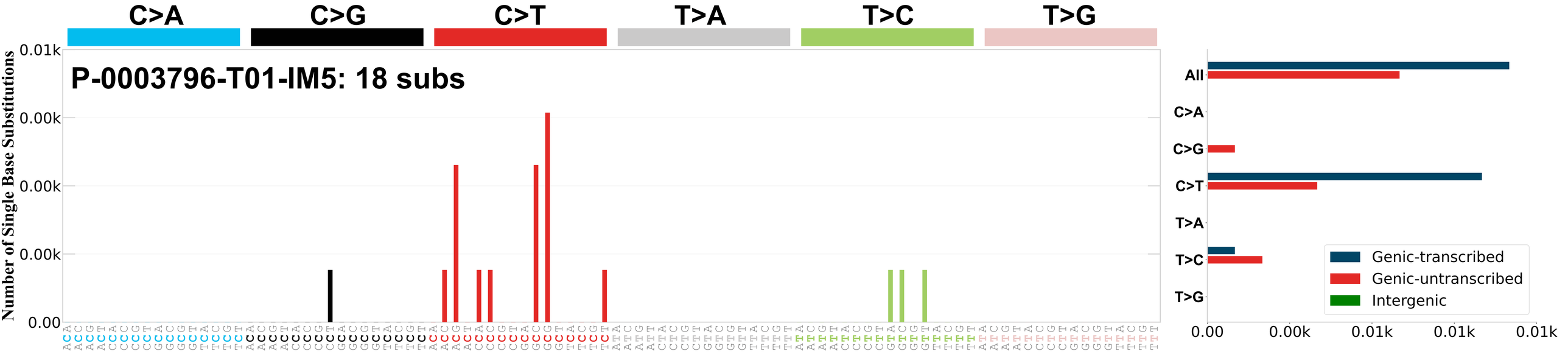

C>A
C>G
C>T
T>A
T>C
T>G
P-0001237-T02-IM6: 48 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

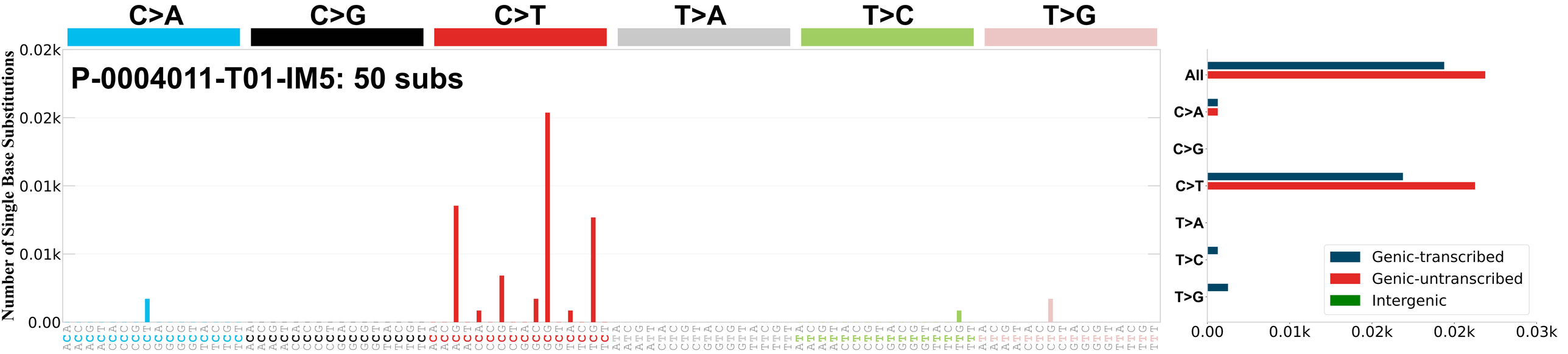

C>A
C>G
C>T
T>A
T>C
T>G
P-0001685-T02-IM3: 45 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

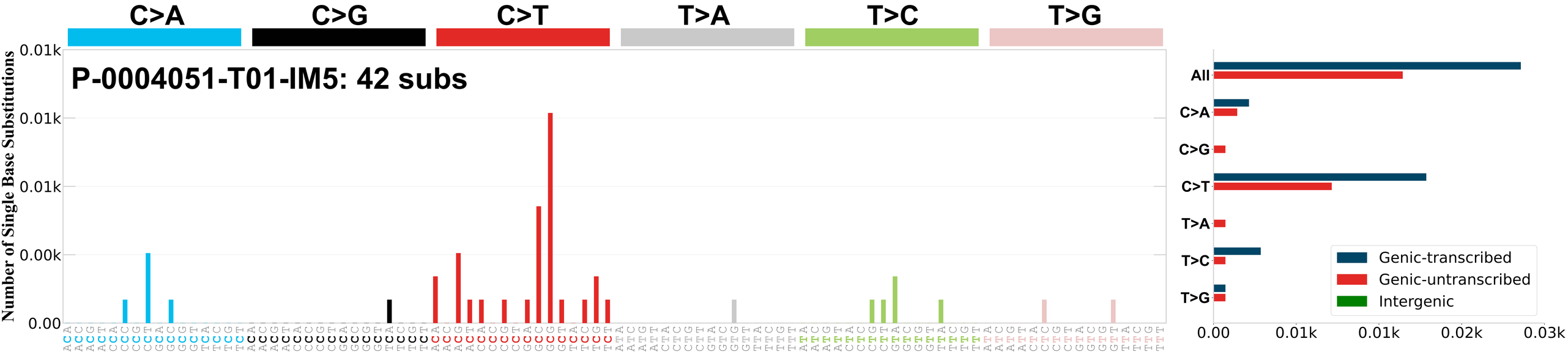

C>A
C>G
C>T
T>A
T>C
T>G
P-0002463-T01-IM3: 41 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

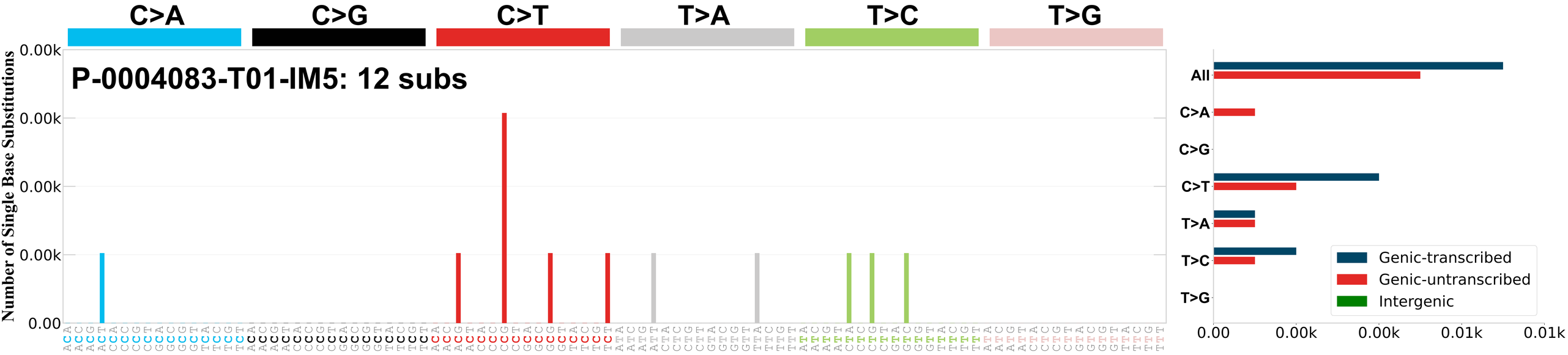

C>A
C>G
C>T
T>A
T>C
T>G
P-0002671-T01-IM3: 51 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.02k
0.03k

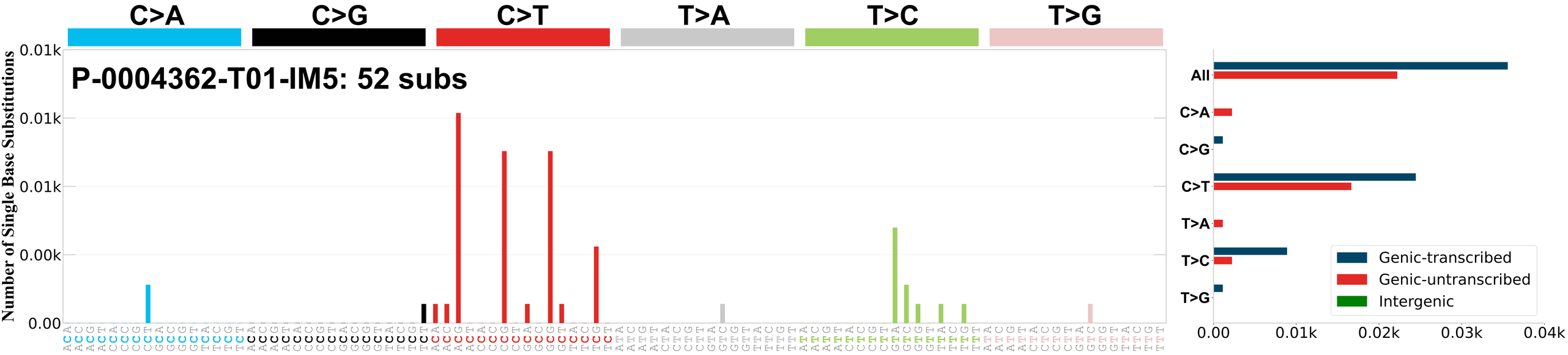

C>A
C>G
C>T
T>A
T>C
T>G
P-0003209-T01-IM5: 63 subs
Number of Single Base Substitutions
0.02k
0.02k
0.01k
0.01k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

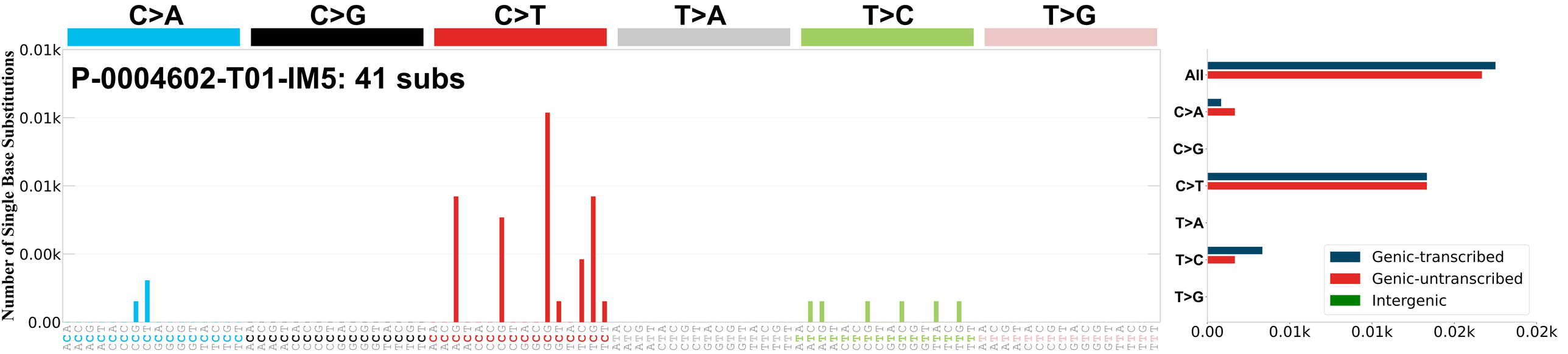

C>A
C>G
C>T
T>A
T>C
T>G
P-0003796-T01-IM5: 18 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.01k

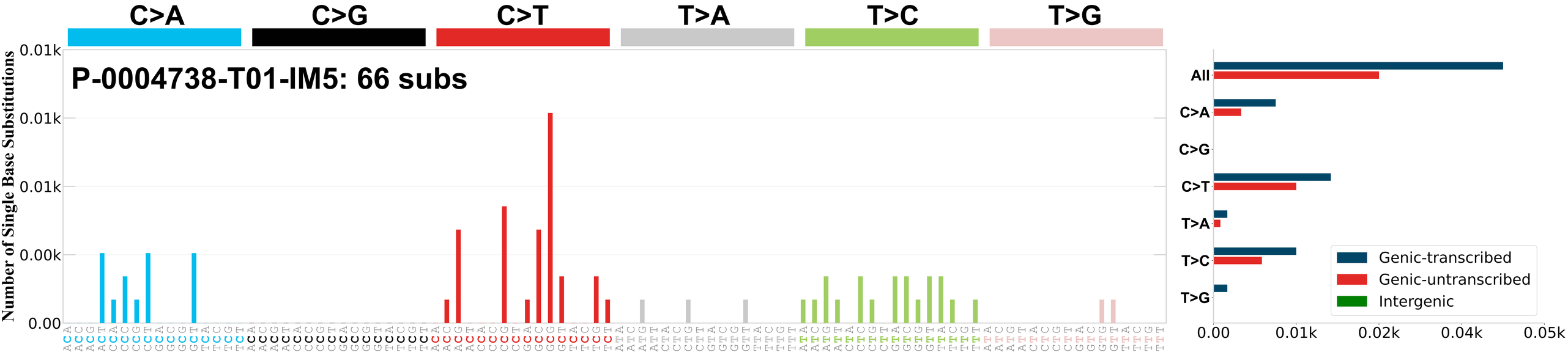

C>A
C>G
C>T
T>A
T>C
T>G
P-0004011-T01-IM5: 50 subs
Number of Single Base Substitutions
0.02k
0.02k
0.01k
0.01k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.02k
0.03k

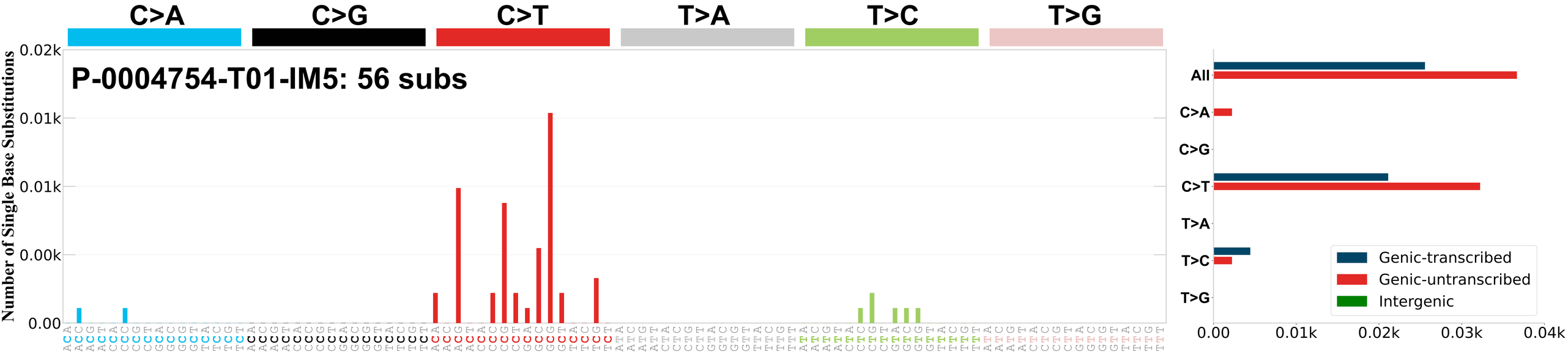

C>A
C>G
C>T
T>A
T>C
T>G
P-0004051-T01-IM5: 42 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

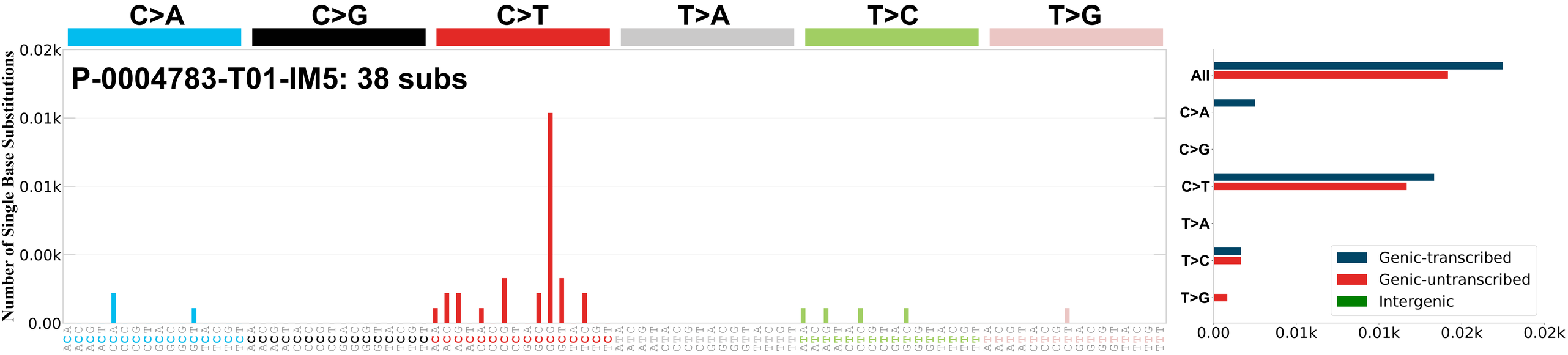

C>A
C>G
C>T
T>A
T>C
T>G
P-0004083-T01-IM5: 12 subs
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.00k
0.01k
0.01k

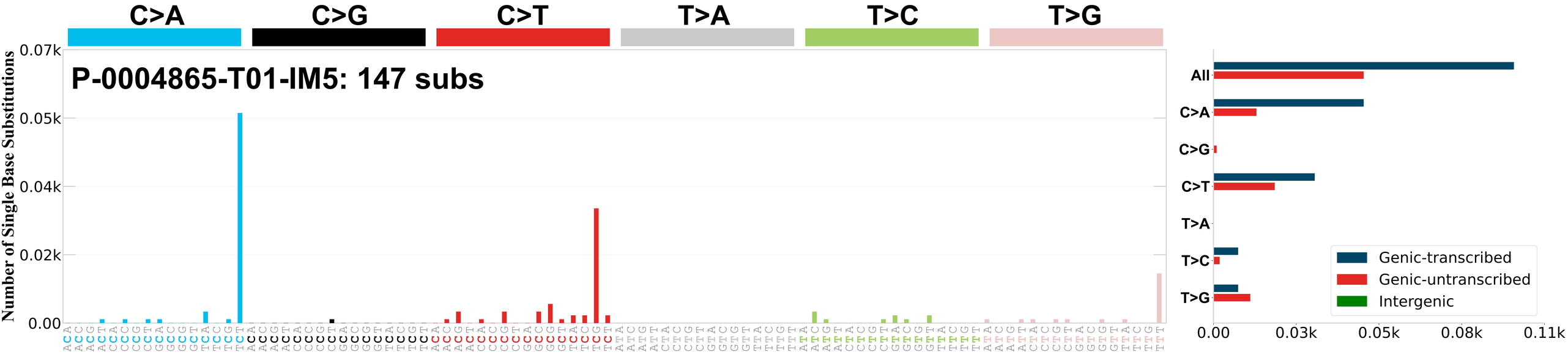

C>A
C>G
C>T
T>A
T>C
T>G
P-0004362-T01-IM5: 52 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

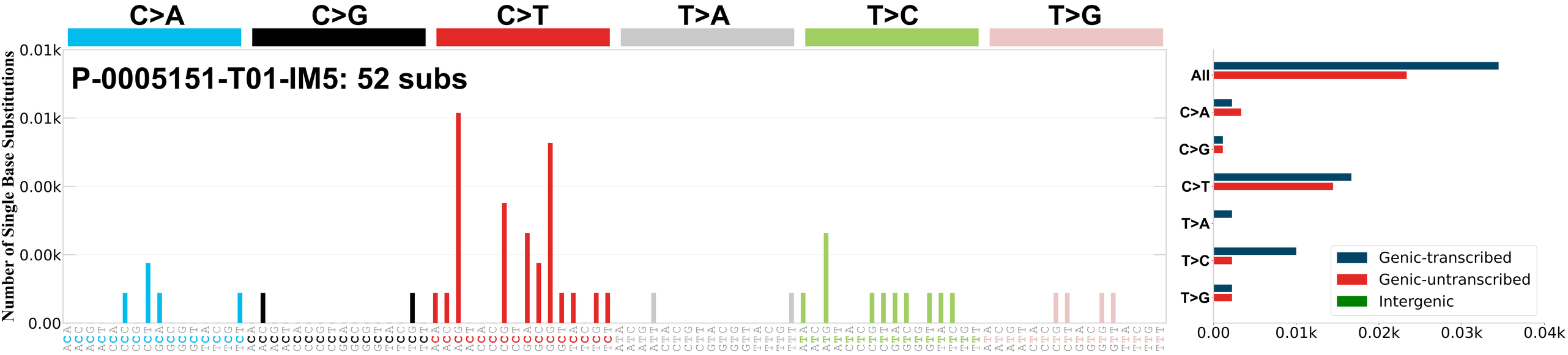

C>A
C>G
C>T
T>A
T>C
T>G
P-0004602-T01-IM5: 41 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

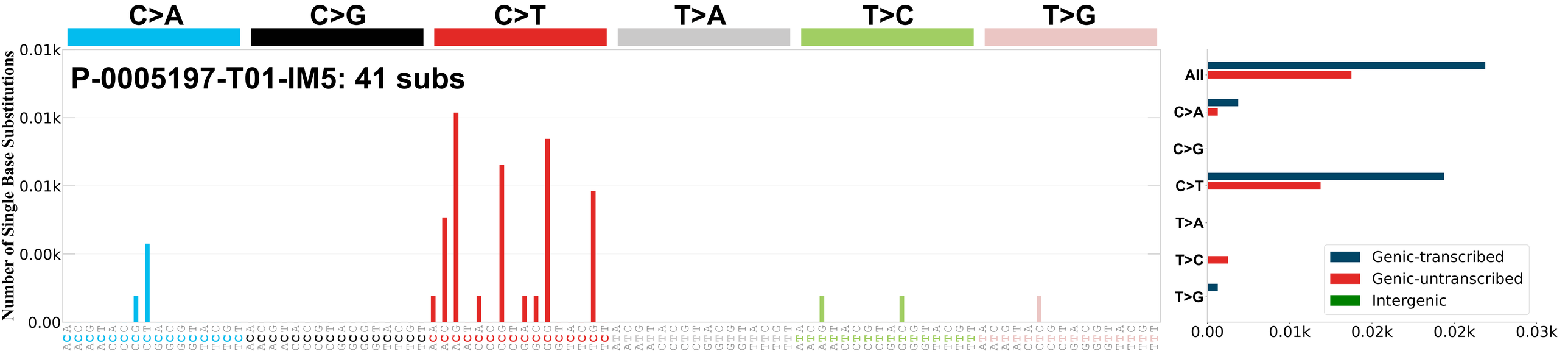

C>A
C>G
C>T
T>A
T>C
T>G
P-0004738-T01-IM5: 66 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.04k
0.05k

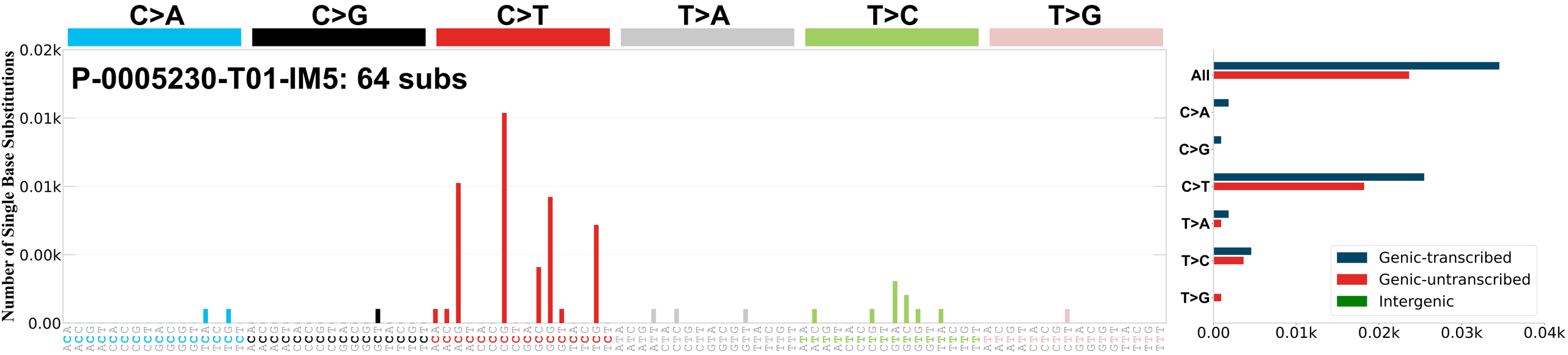

C>A
C>G
C>T
T>A
T>C
T>G
P-0004754-T01-IM5: 56 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

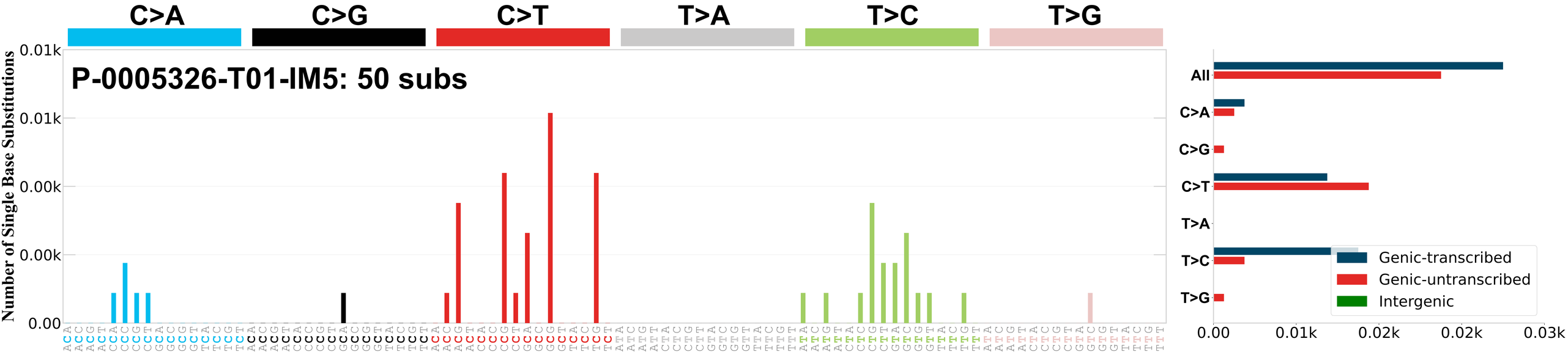

C>A
C>G
C>T
T>A
T>C
T>G
P-0004783-T01-IM5: 38 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

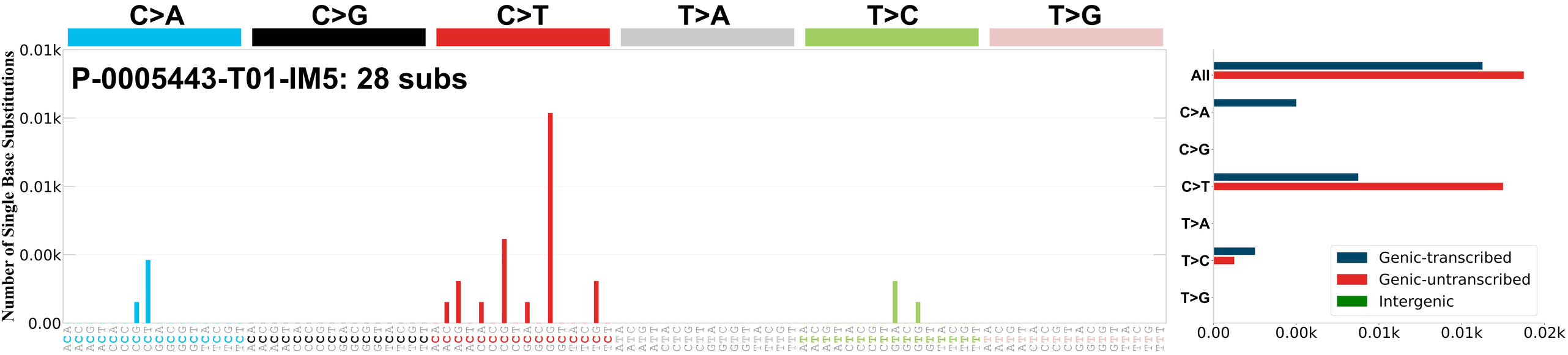

C>A
C>G
C>T
T>A
T>C
T>G
P-0004865-T01-IM5: 147 subs
Number of Single Base Substitutions
0.07k
0.05k
0.04k
0.02k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.03k
0.05k
0.08k
0.11k

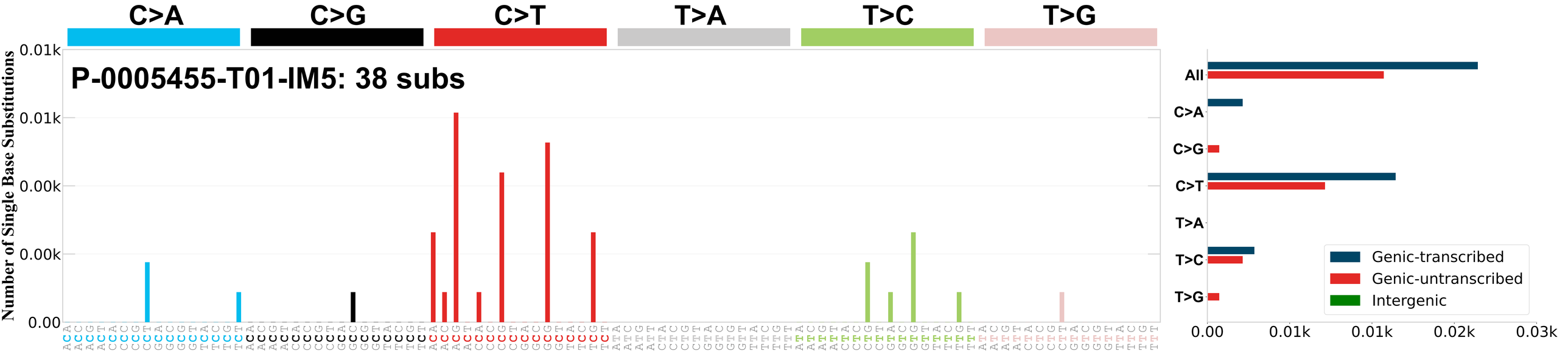

C>A
C>G
C>T
T>A
T>C
T>G
P-0005151-T01-IM5: 52 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

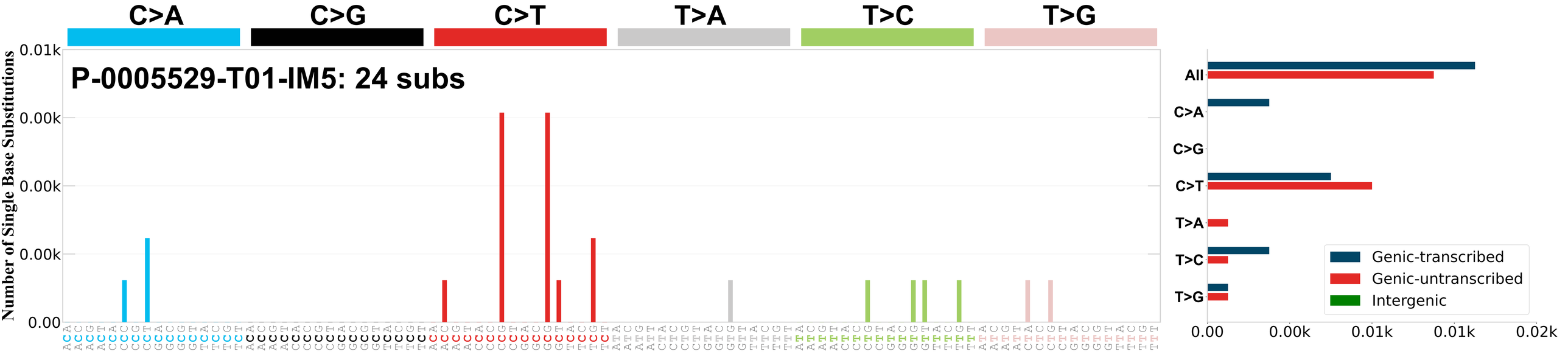

C>A
C>G
C>T
T>A
T>C
T>G
P-0005197-T01-IM5: 41 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.02k
0.03k

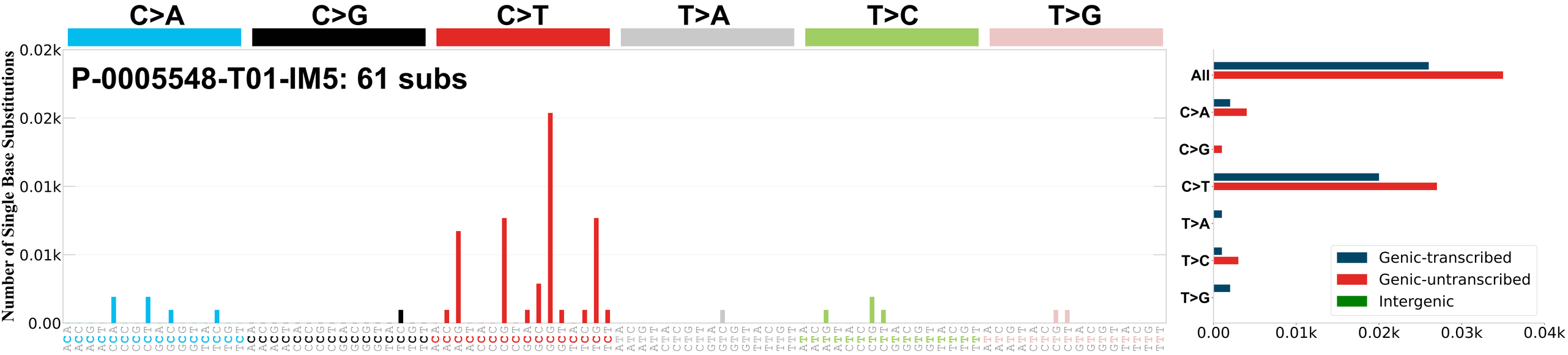

C>A
C>G
C>T
T>A
T>C
T>G
P-0005230-T01-IM5: 64 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

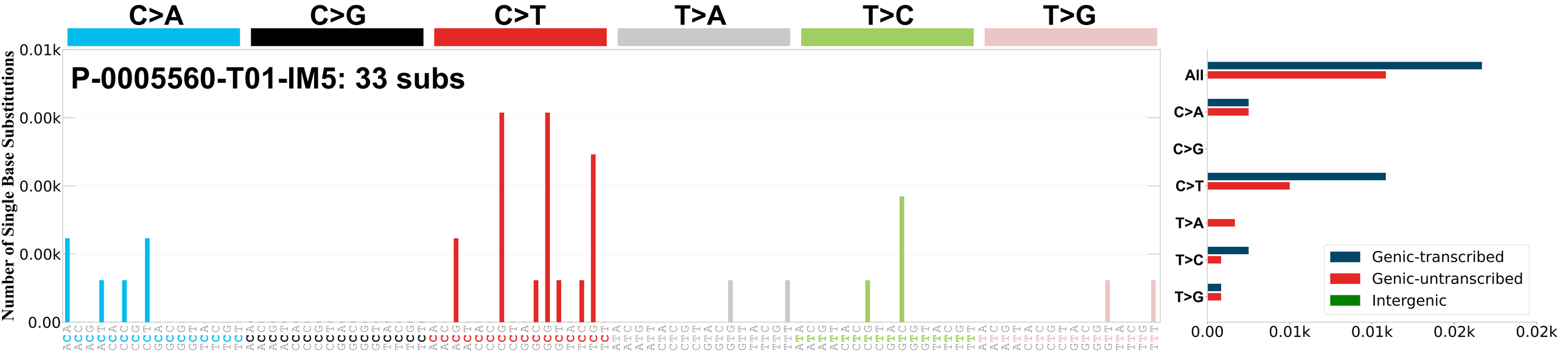

C>A
C>G
C>T
T>A
T>C
T>G
P-0005326-T01-IM5: 50 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.02k
0.03k

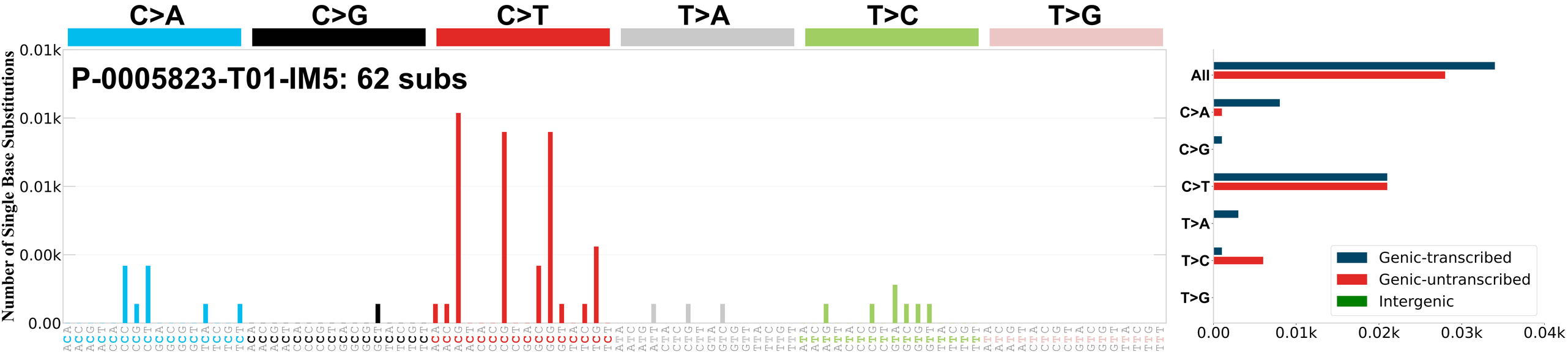

C>A
C>G
C>T
T>A
T>C
T>G
P-0005443-T01-IM5: 28 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.02k

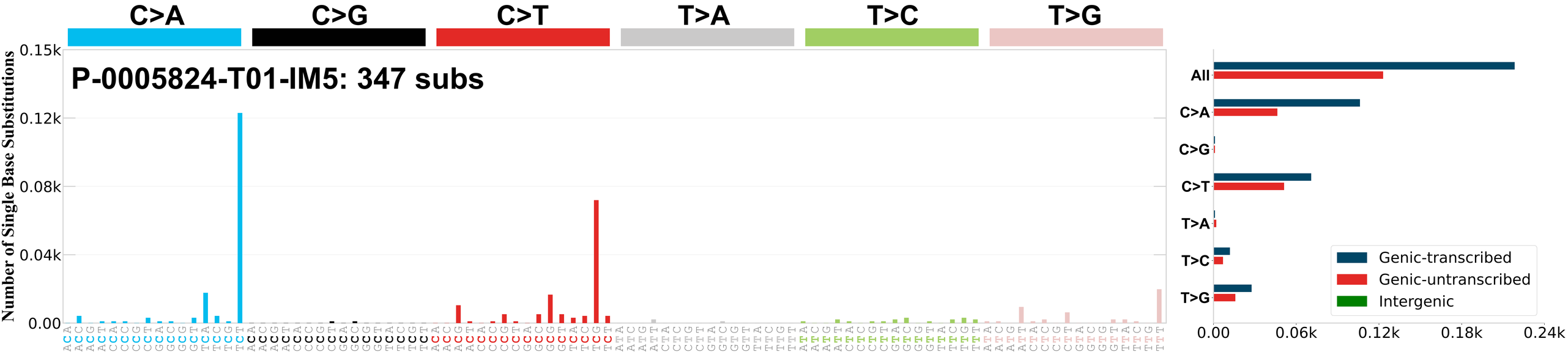

C>A
C>G
C>T
T>A
T>C
T>G
P-0005455-T01-IM5: 38 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

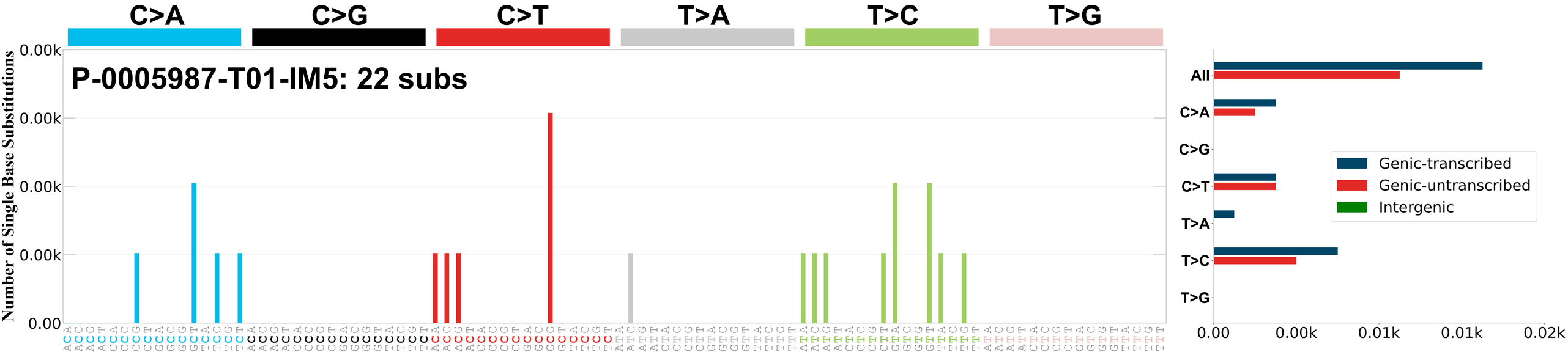

C>A
C>G
C>T
T>A
T>C
T>G
P-0005529-T01-IM5: 24 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.02k

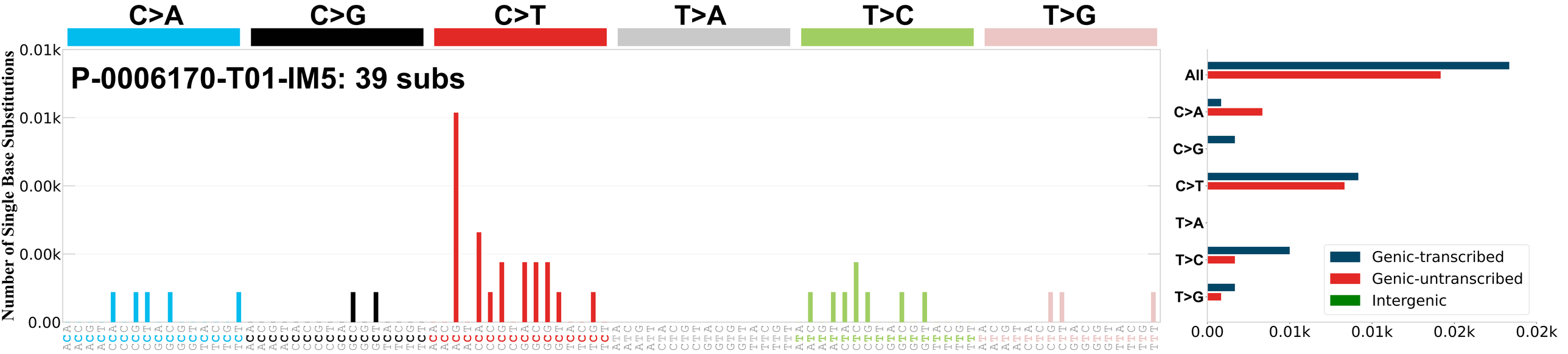

C>A
C>G
C>T
T>A
T>C
T>G
P-0005548-T01-IM5: 61 subs
Number of Single Base Substitutions
0.02k
0.02k
0.01k
0.01k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

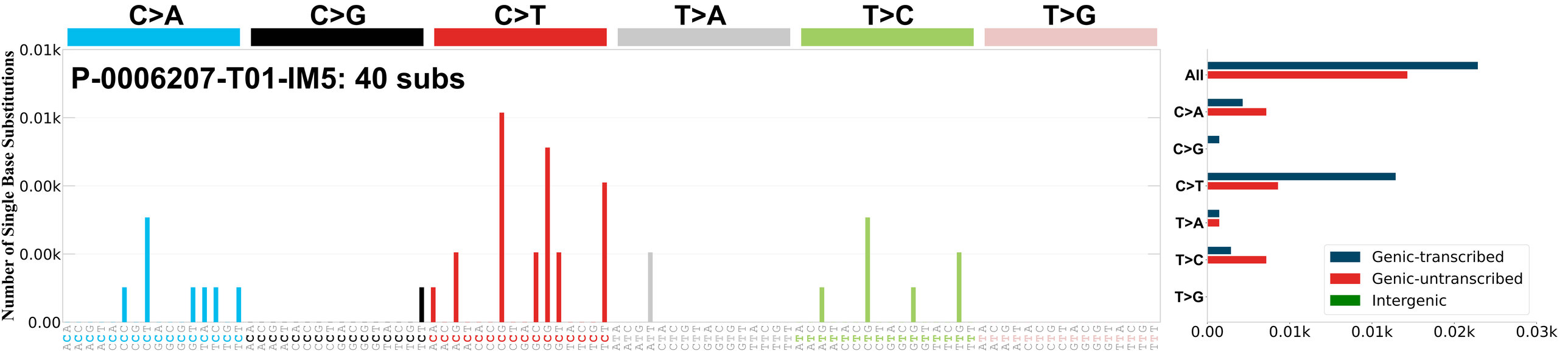

C>A
C>G
C>T
T>A
T>C
T>G
P-0005560-T01-IM5: 33 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

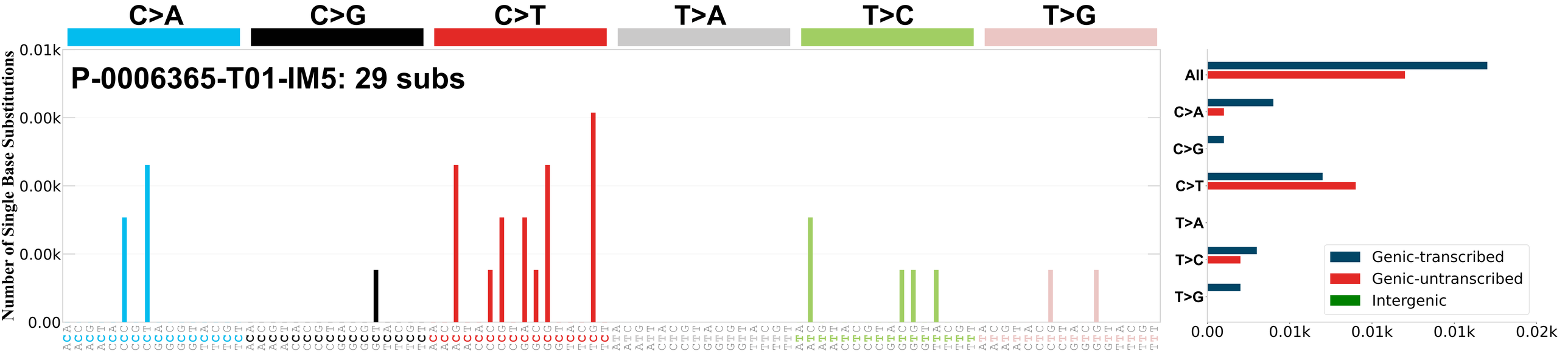

C>A
C>G
C>T
T>A
T>C
T>G
P-0005823-T01-IM5: 62 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

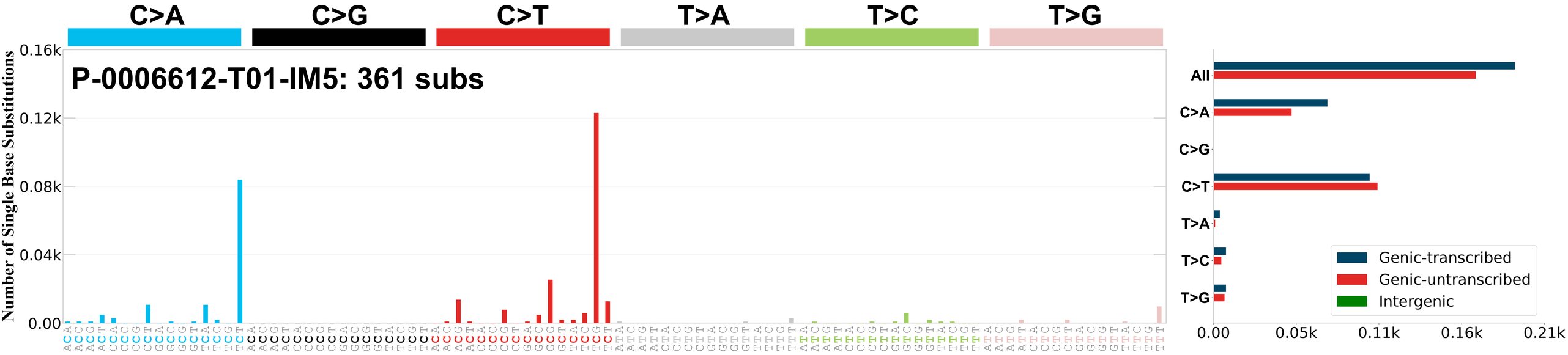

C>A
C>G
C>T
T>A
T>C
T>G
P-0005824-T01-IM5: 347 subs
Number of Single Base Substitutions
0.15k
0.12k
0.08k
0.04k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.06k
0.12k
0.18k
0.24k

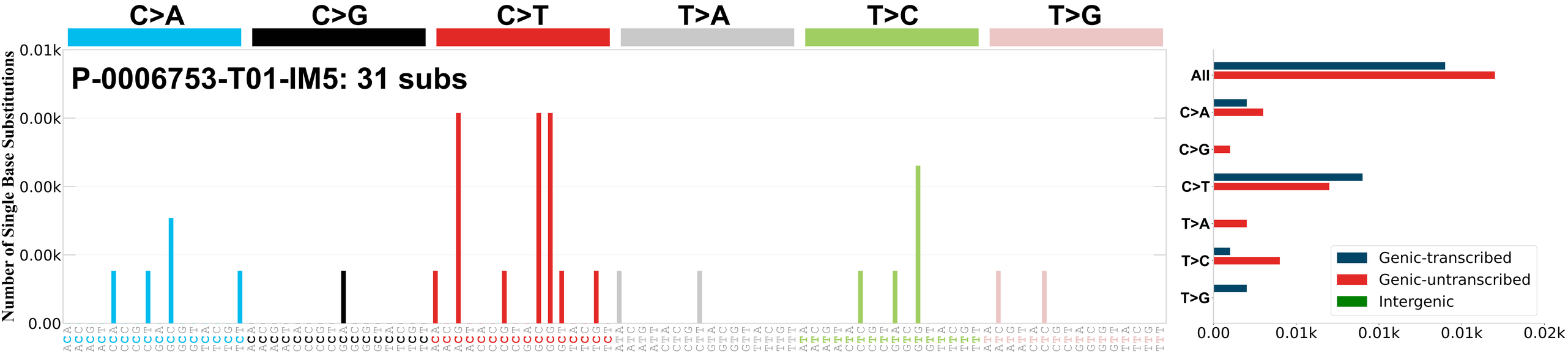

C>A
C>G
C>T
T>A
T>C
T>G
P-0005987-T01-IM5: 22 subs
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.02k

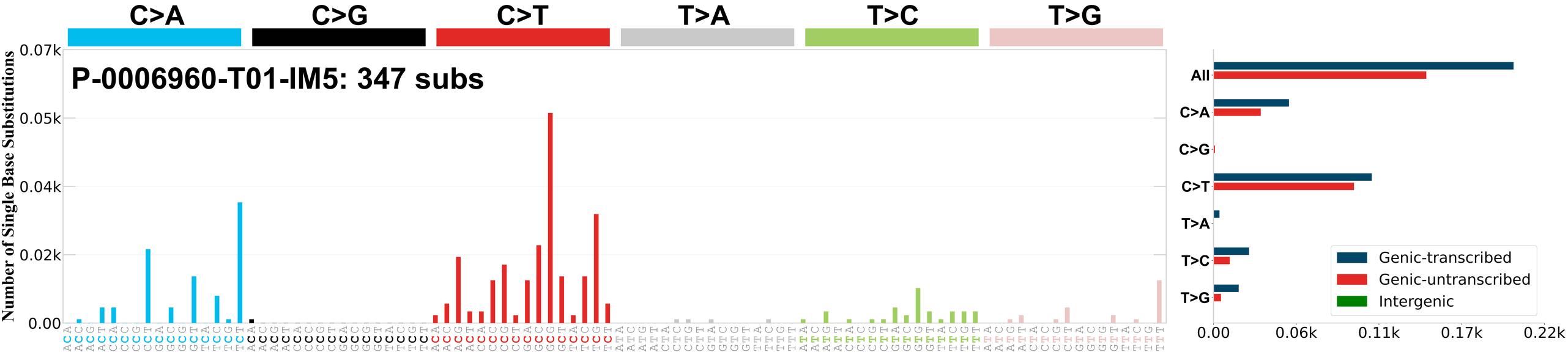

C>A
C>G
C>T
T>A
T>C
T>G
P-0006170-T01-IM5: 39 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

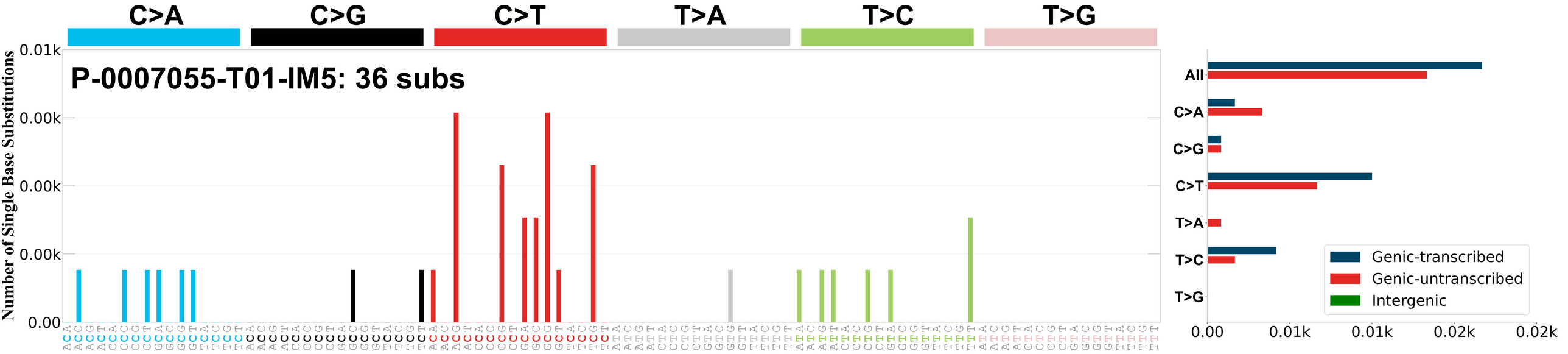

C>A
C>G
C>T
T>A
T>C
T>G
P-0006207-T01-IM5: 40 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

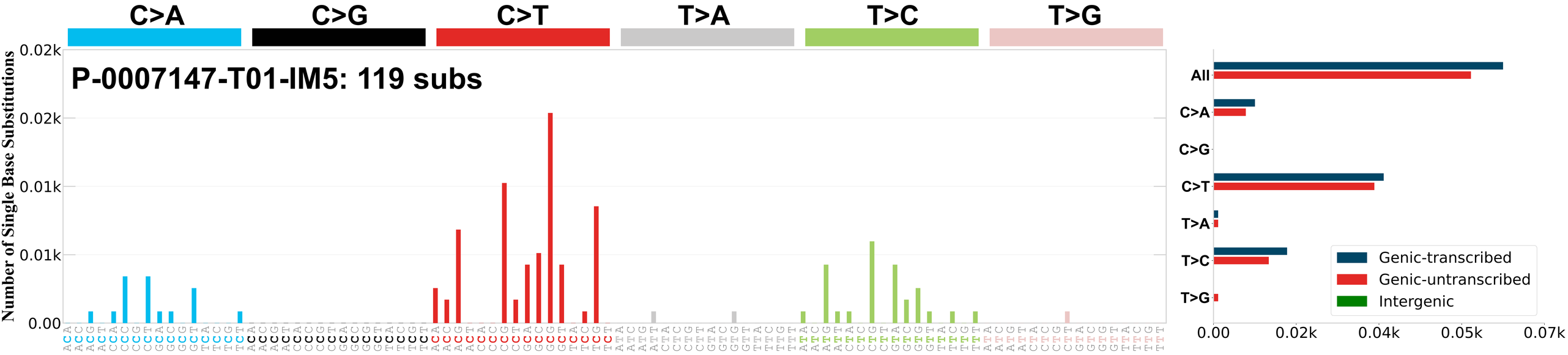

C>A
C>G
C>T
T>A
T>C
T>G
P-0006365-T01-IM5: 29 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.01k
0.02k

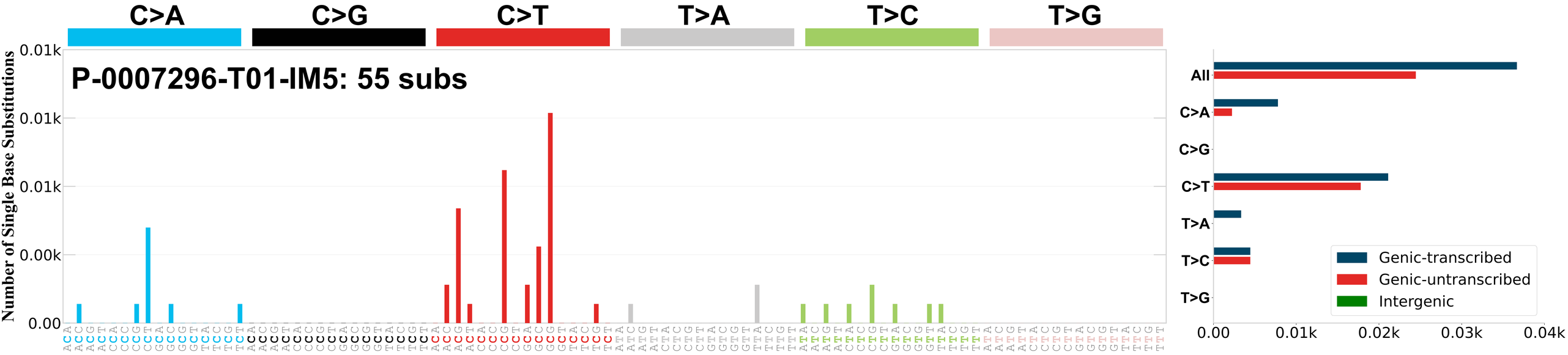

C>A
C>G
C>T
T>A
T>C
T>G
P-0006612-T01-IM5: 361 subs
Number of Single Base Substitutions
0.16k
0.12k
0.08k
0.04k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.05k
0.11k
0.16k
0.21k

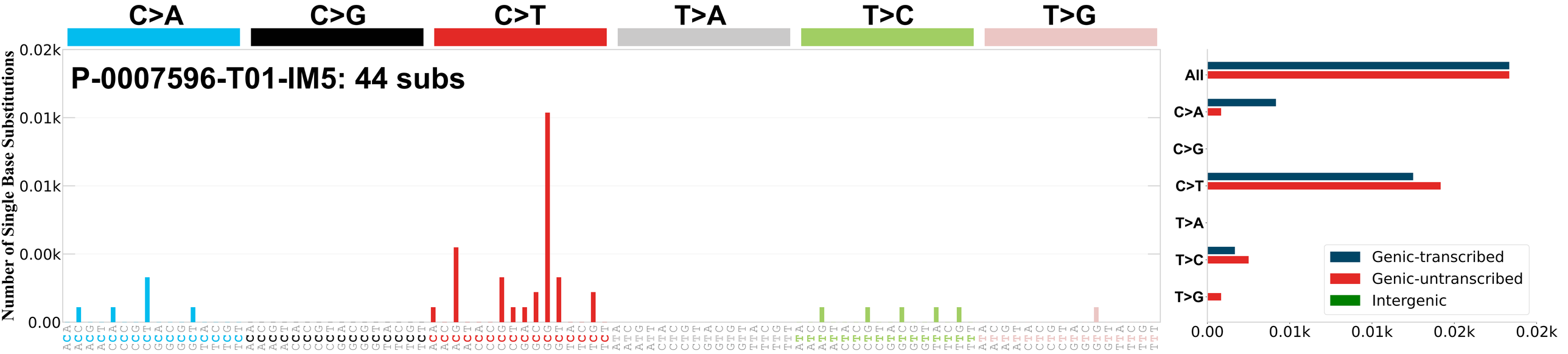

C>A
C>G
C>T
T>A
T>C
T>G
P-0006753-T01-IM5: 31 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.01k
0.02k

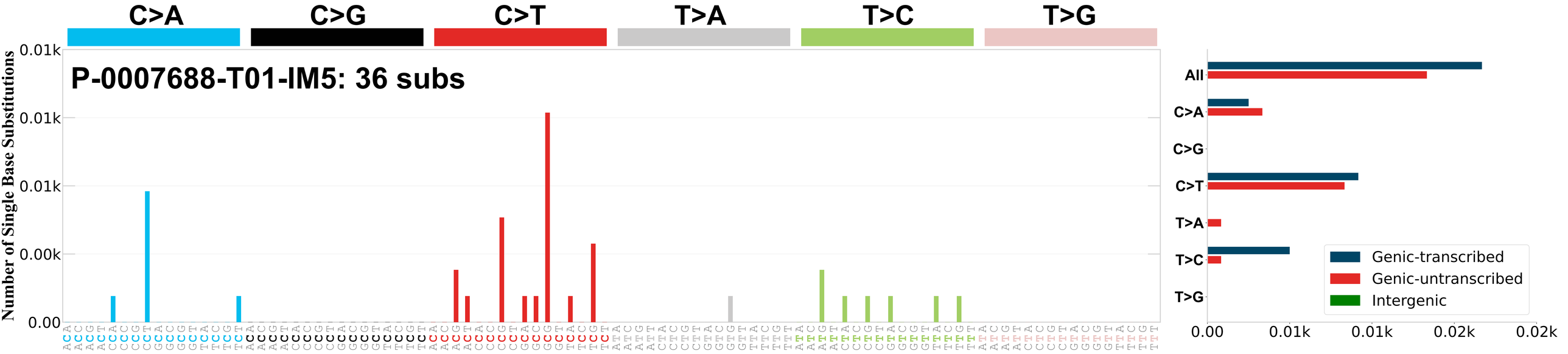

C>A
C>G
C>T
T>A
T>C
T>G
P-0006960-T01-IM5: 347 subs
Number of Single Base Substitutions
0.07k
0.05k
0.04k
0.02k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.06k
0.11k
0.17k
0.22k

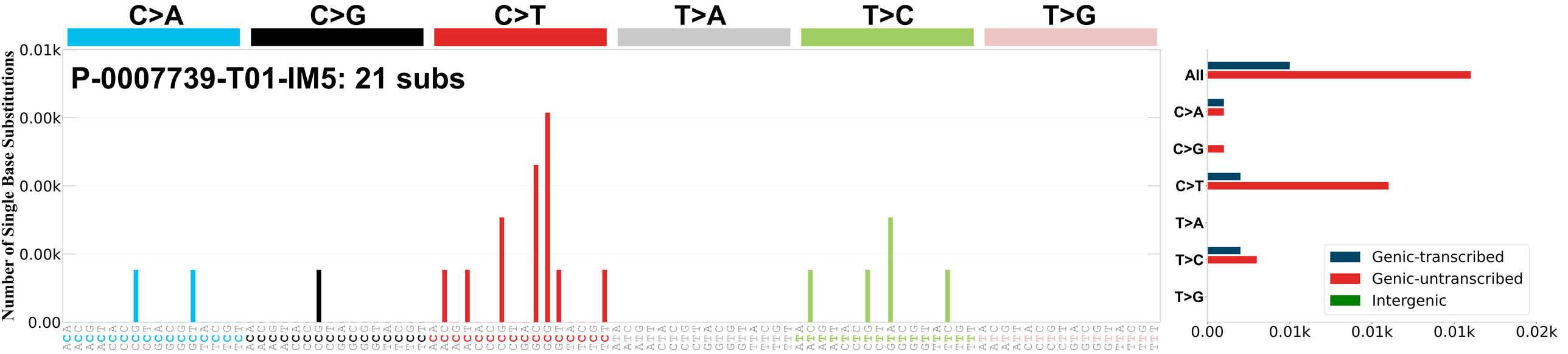

C>A
C>G
C>T
T>A
T>C
T>G
P-0007055-T01-IM5: 36 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

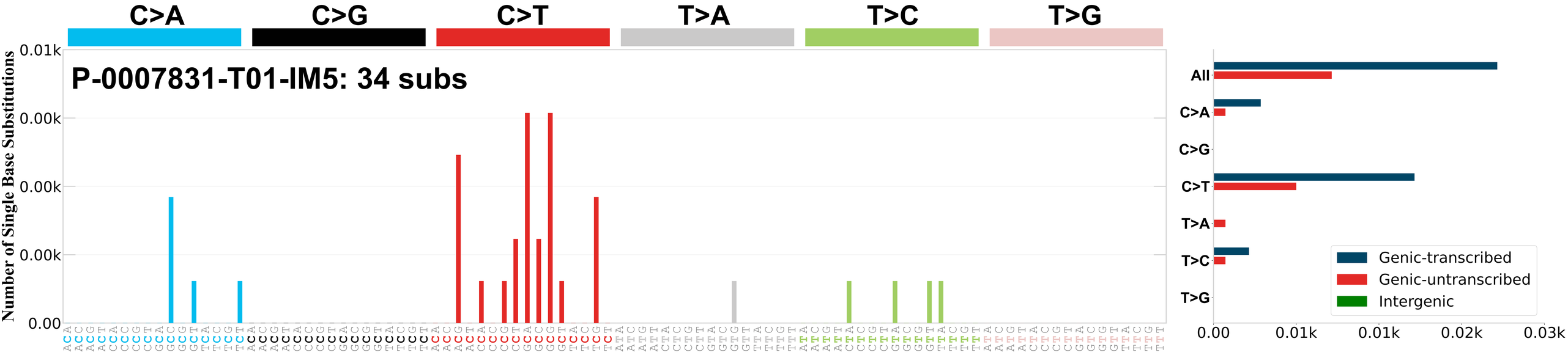

C>A
C>G
C>T
T>A
T>C
T>G
P-0007147-T01-IM5: 119 subs
Number of Single Base Substitutions
0.02k
0.02k
0.01k
0.01k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.02k
0.04k
0.05k
0.07k

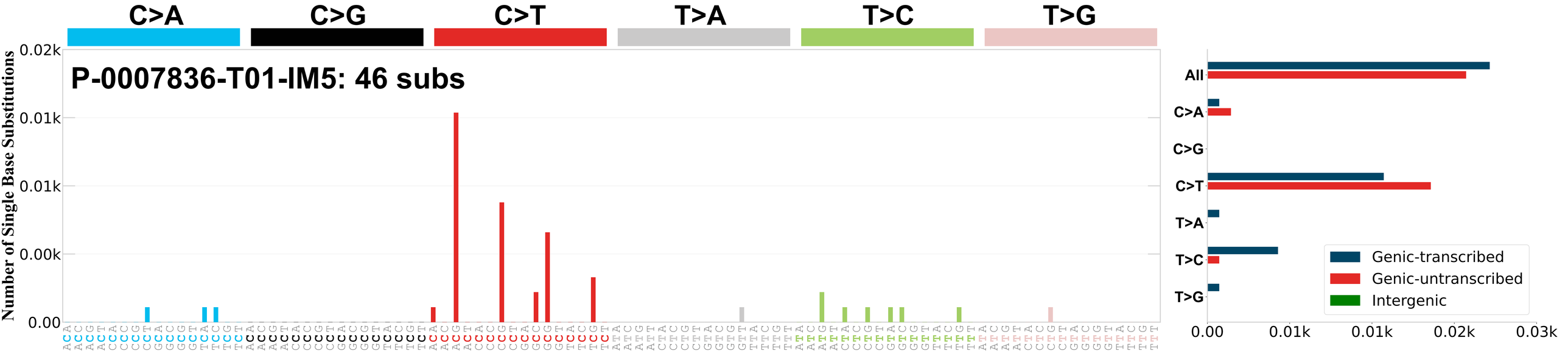

C>A
C>G
C>T
T>A
T>C
T>G
P-0007296-T01-IM5: 55 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

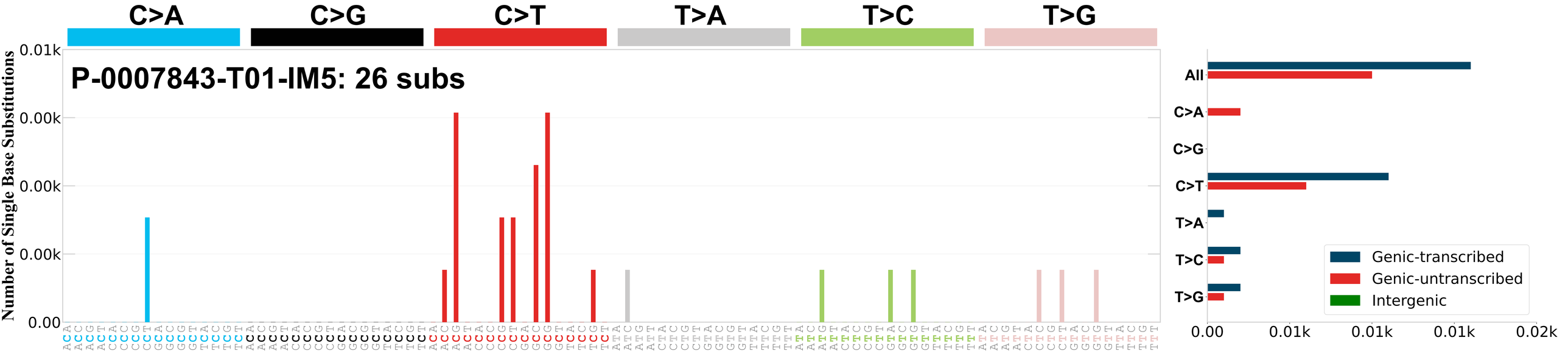

C>A
C>G
C>T
T>A
T>C
T>G
P-0007596-T01-IM5: 44 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

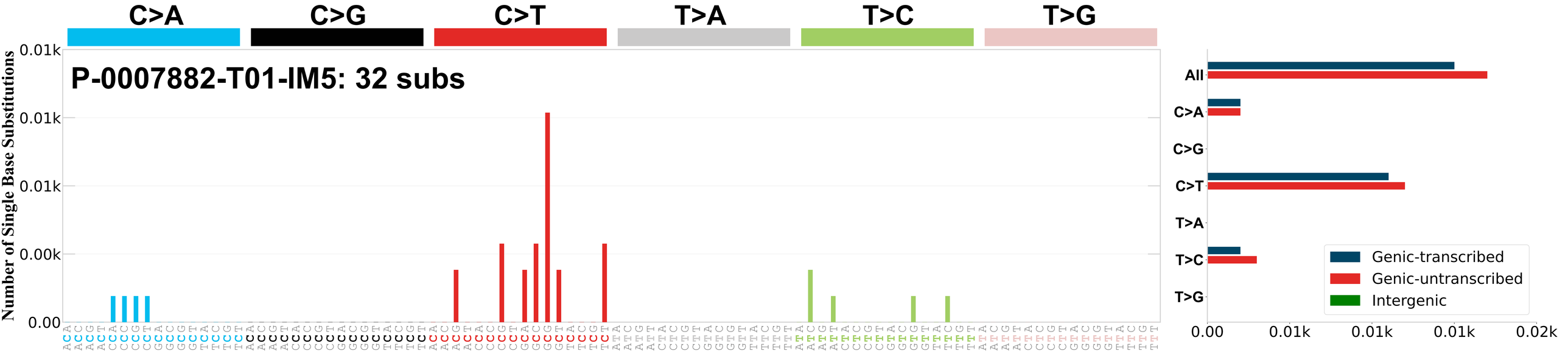

C>A
C>G
C>T
T>A
T>C
T>G
P-0007688-T01-IM5: 36 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

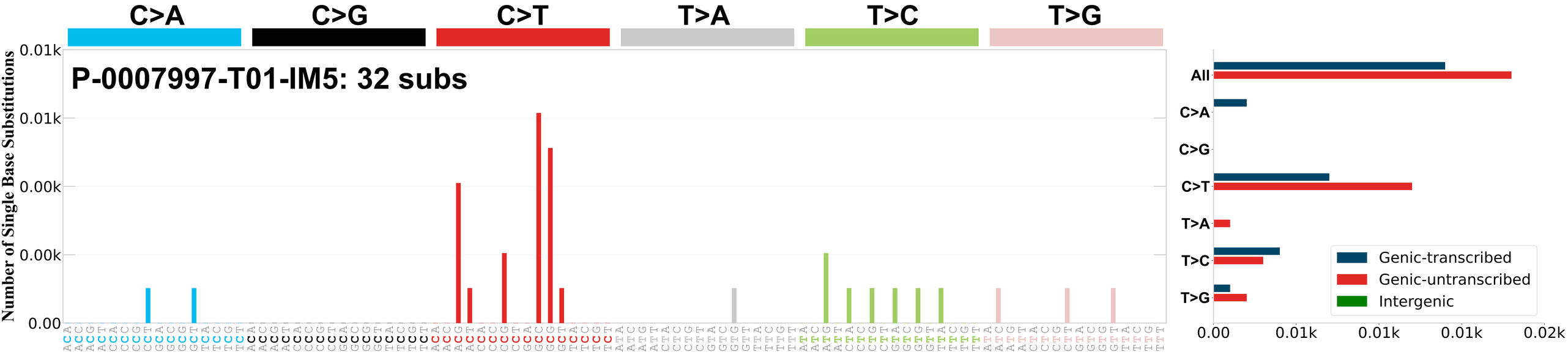

C>A
C>G
C>T
T>A
T>C
T>G
P-0007739-T01-IM5: 21 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.01k
0.02k

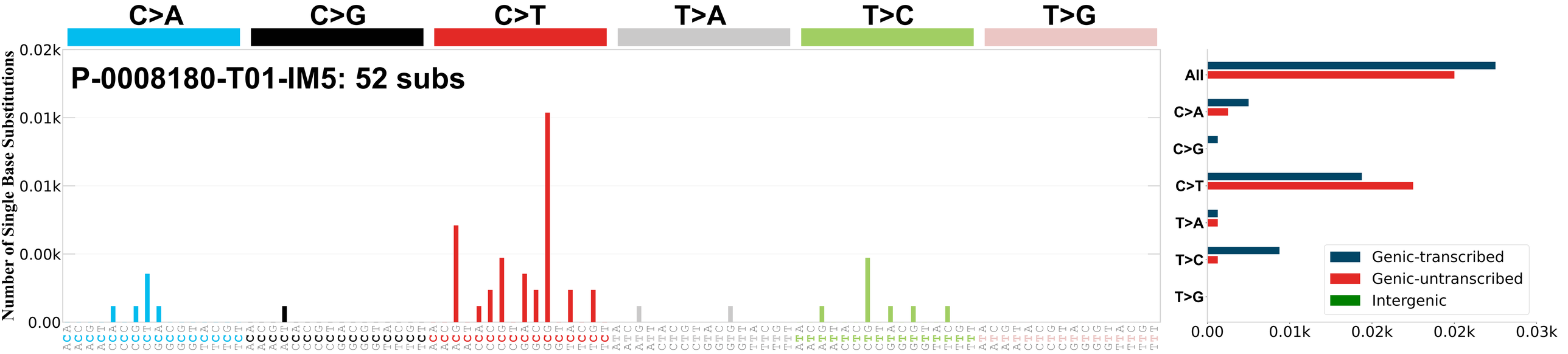

C>A
C>G
C>T
T>A
T>C
T>G
P-0007831-T01-IM5: 34 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

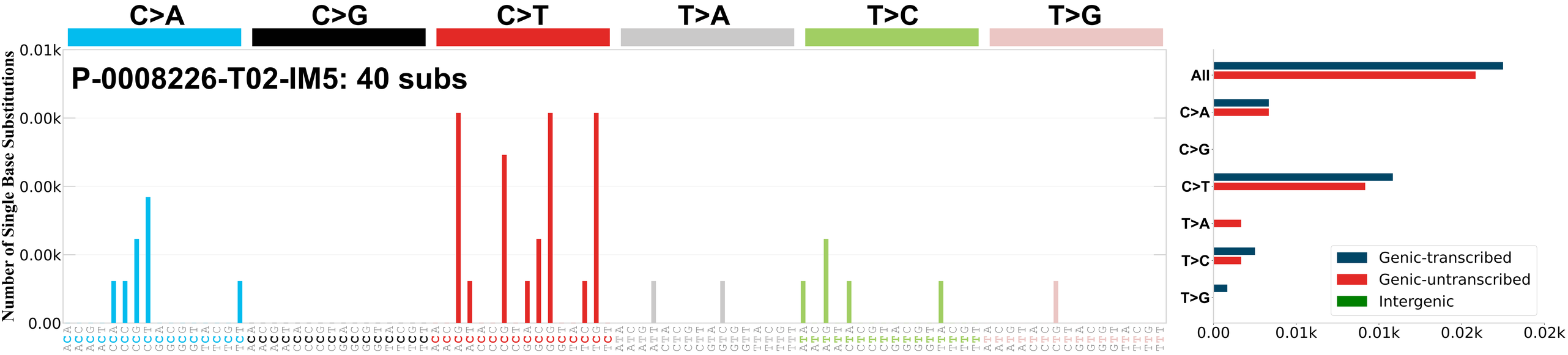

C>A
C>G
C>T
T>A
T>C
T>G
P-0007836-T01-IM5: 46 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

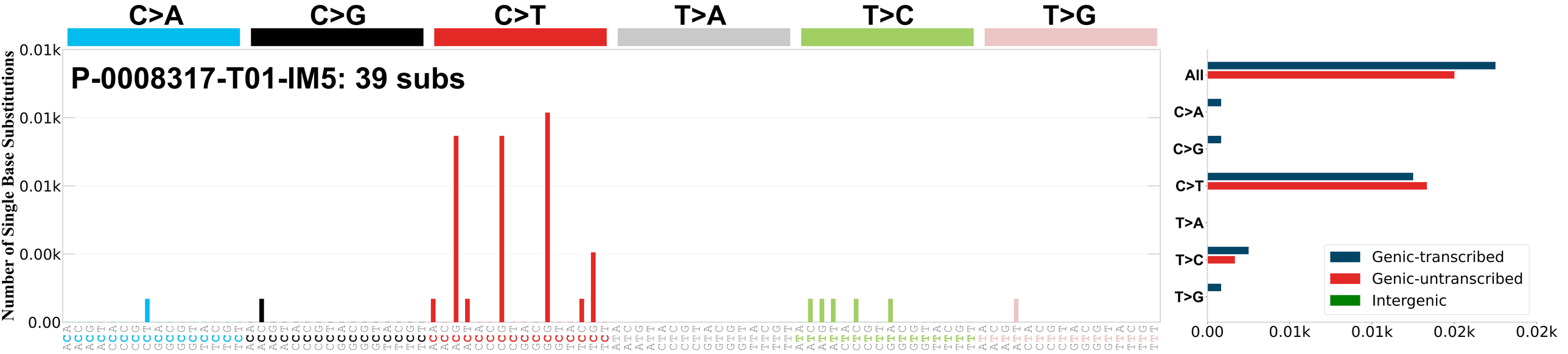

C>A
C>G
C>T
T>A
T>C
T>G
P-0007843-T01-IM5: 26 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.01k
0.02k

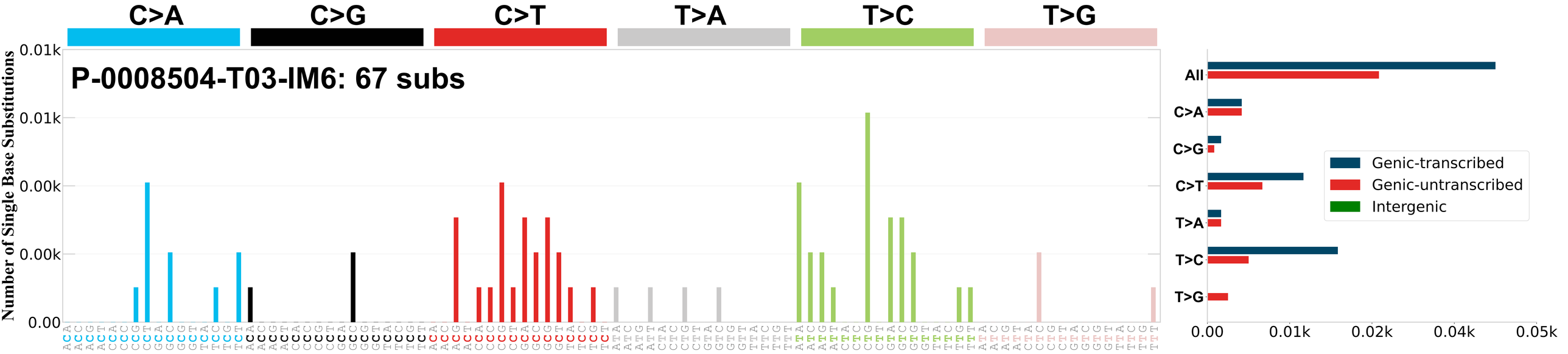

C>A
C>G
C>T
T>A
T>C
T>G
P-0007882-T01-IM5: 32 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.01k
0.02k

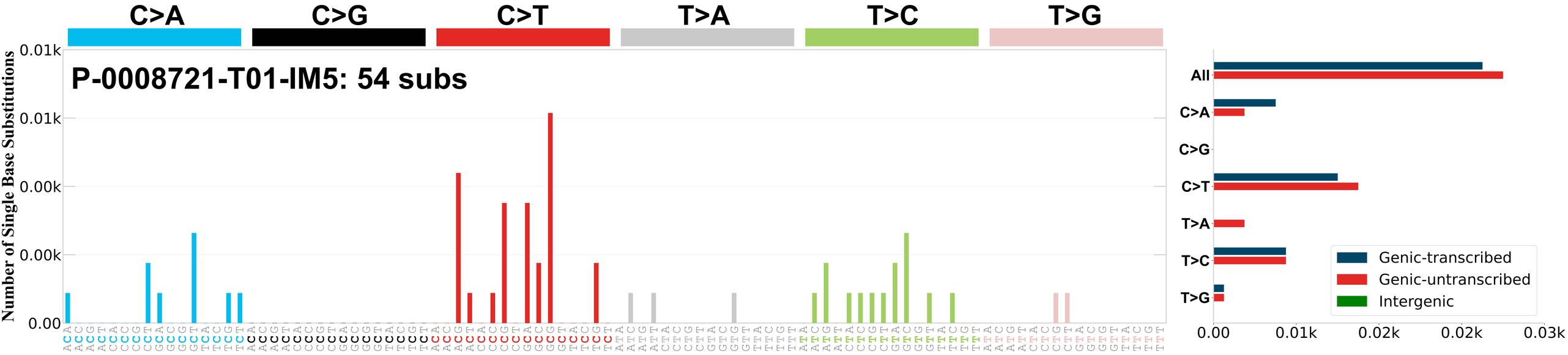

C>A
C>G
C>T
T>A
T>C
T>G
P-0007997-T01-IM5: 32 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.01k
0.02k

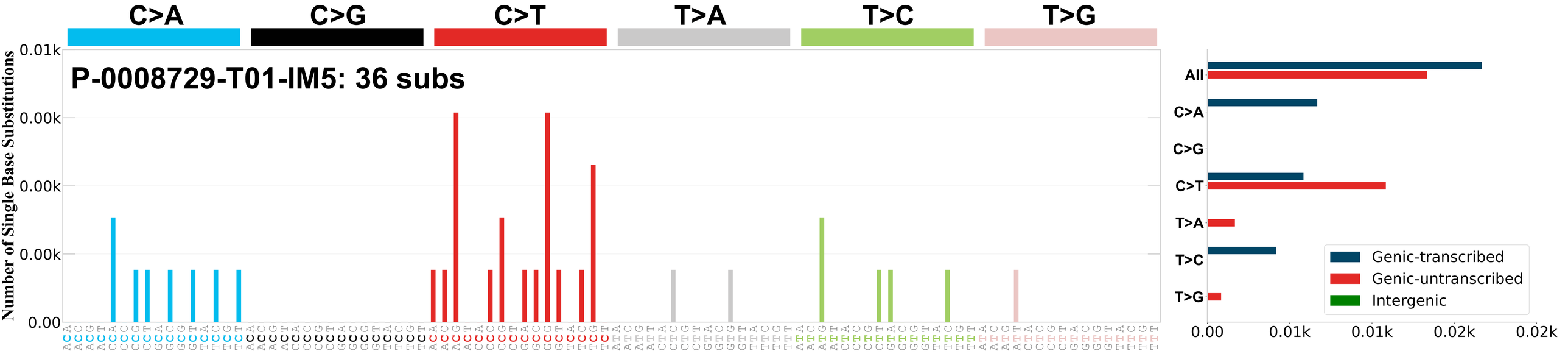

C>A
C>G
C>T
T>A
T>C
T>G
P-0008180-T01-IM5: 52 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.02k
0.03k

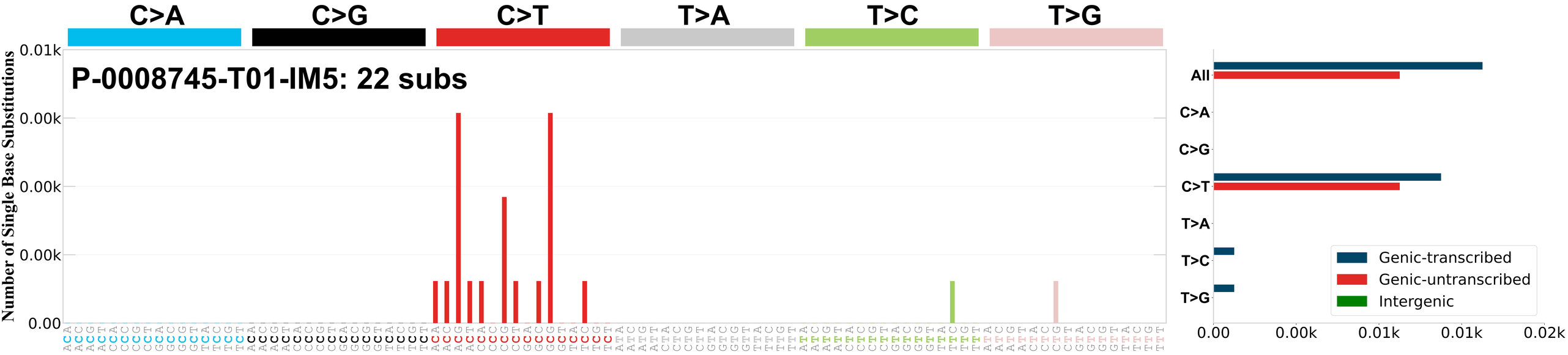

C>A
C>G
C>T
T>A
T>C
T>G
P-0008226-T02-IM5: 40 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

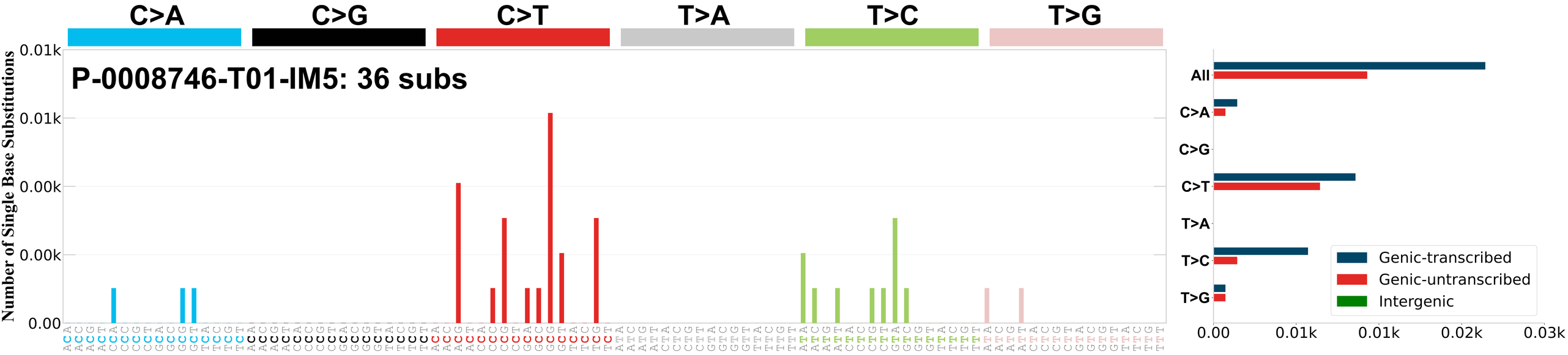

C>A
C>G
C>T
T>A
T>C
T>G
P-0008317-T01-IM5: 39 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

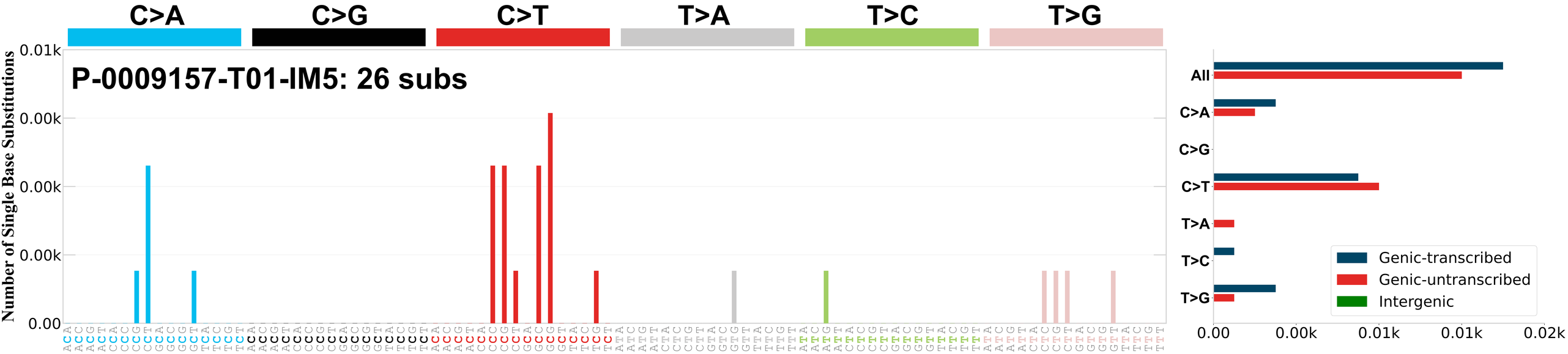

C>A
C>G
C>T
T>A
T>C
T>G
P-0008504-T03-IM6: 67 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.04k
0.05k

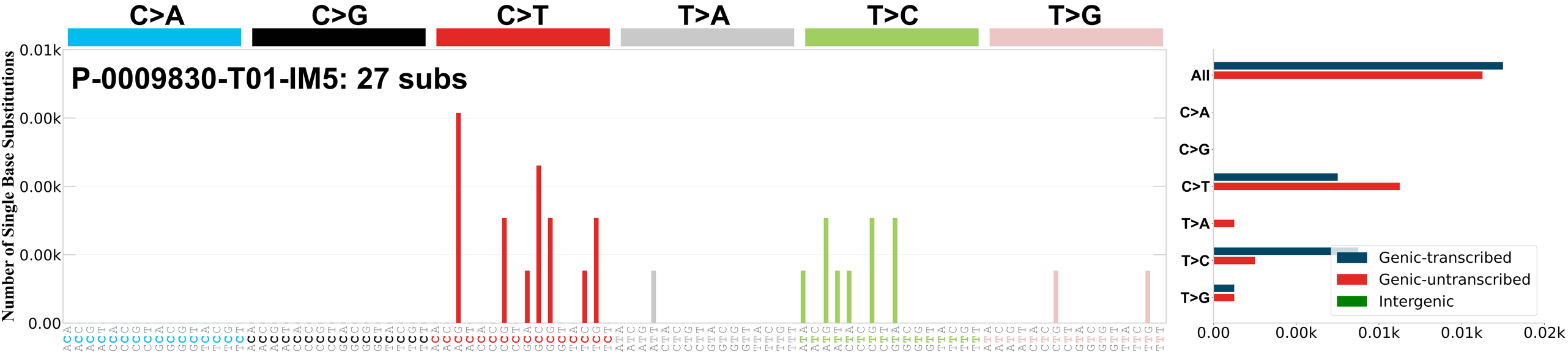

C>A
C>G
C>T
T>A
T>C
T>G
P-0008721-T01-IM5: 54 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.02k
0.03k

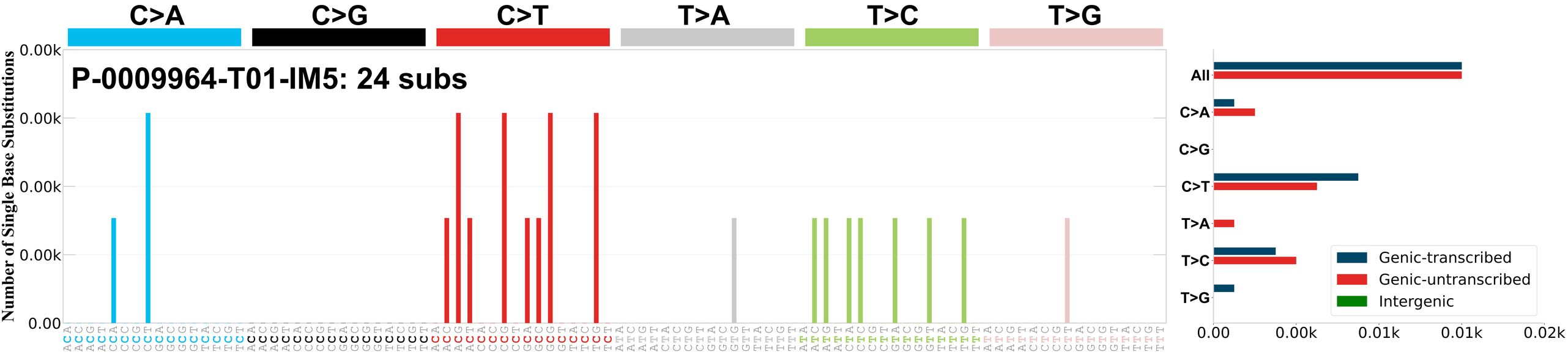

C>A
C>G
C>T
T>A
T>C
T>G
P-0008729-T01-IM5: 36 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

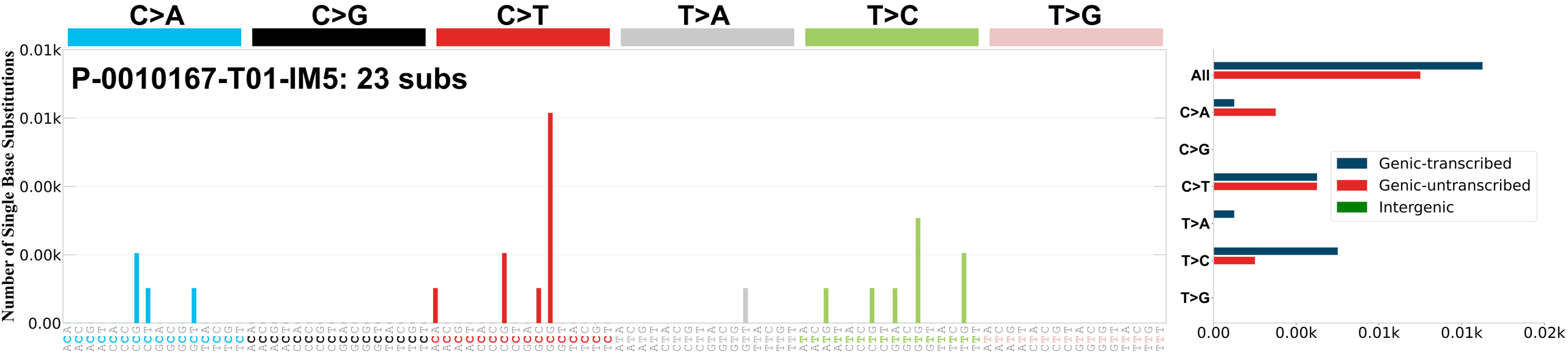

C>A
C>G
C>T
T>A
T>C
T>G
P-0008745-T01-IM5: 22 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.02k

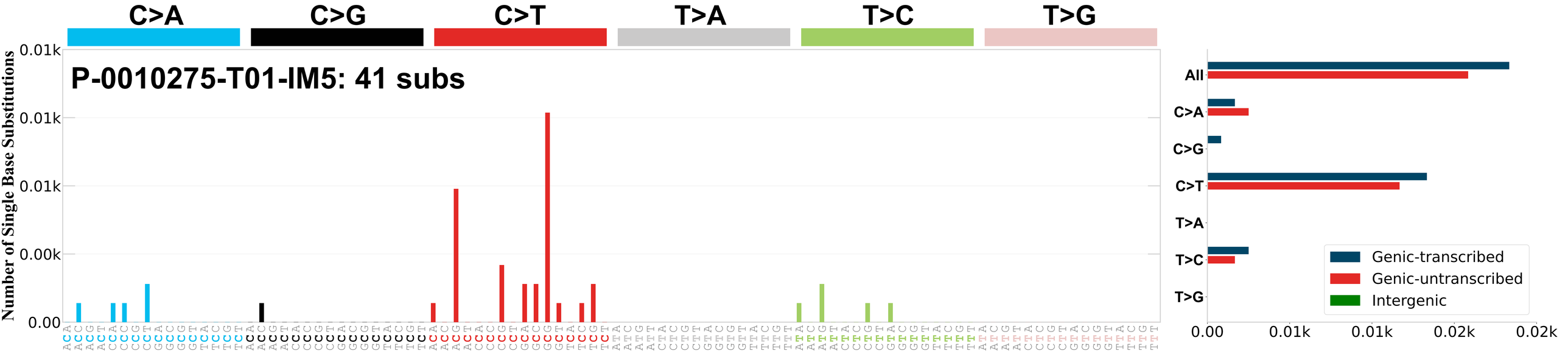

C>A
C>G
C>T
T>A
T>C
T>G
P-0008746-T01-IM5: 36 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

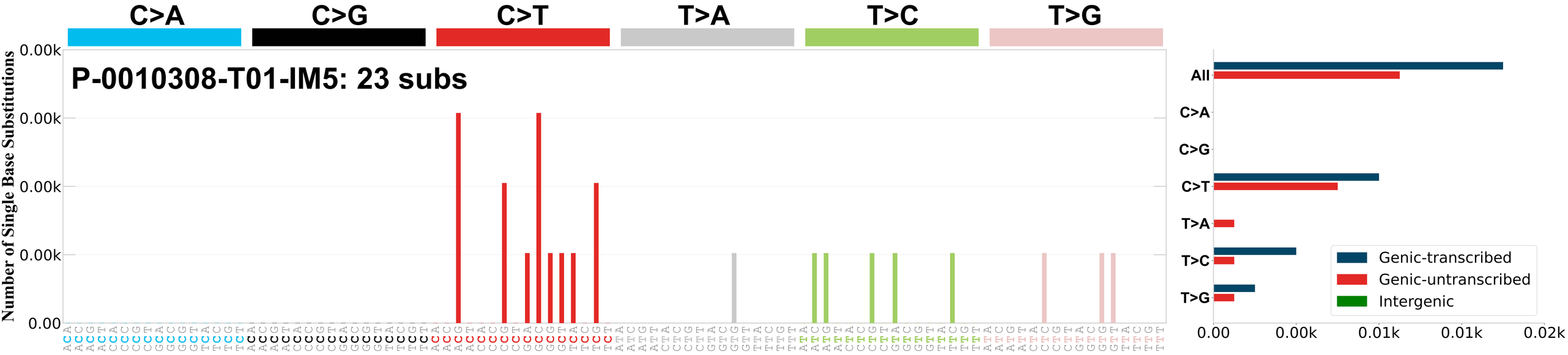

C>A
C>G
C>T
T>A
T>C
T>G
P-0009157-T01-IM5: 26 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.02k

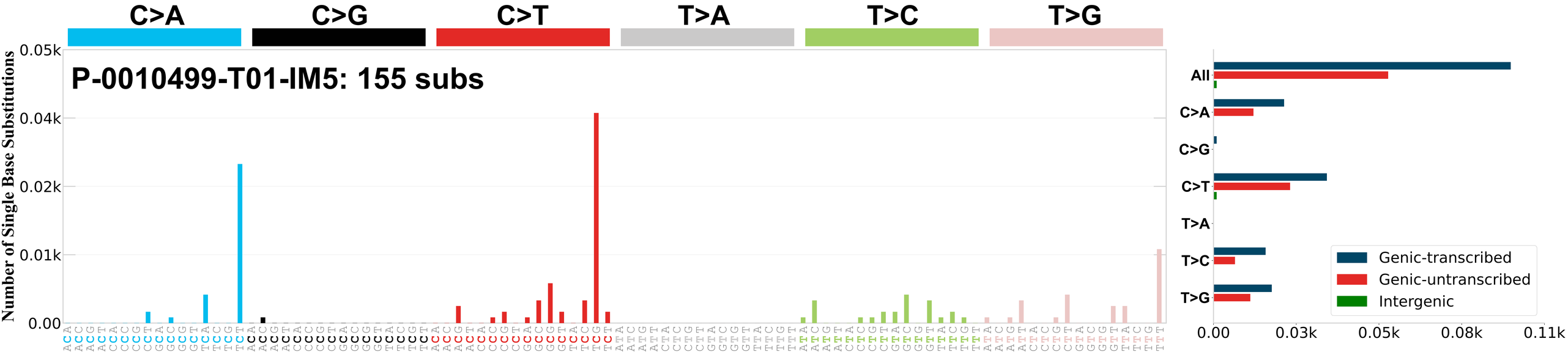

C>A
C>G
C>T
T>A
T>C
T>G
P-0009830-T01-IM5: 27 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.02k

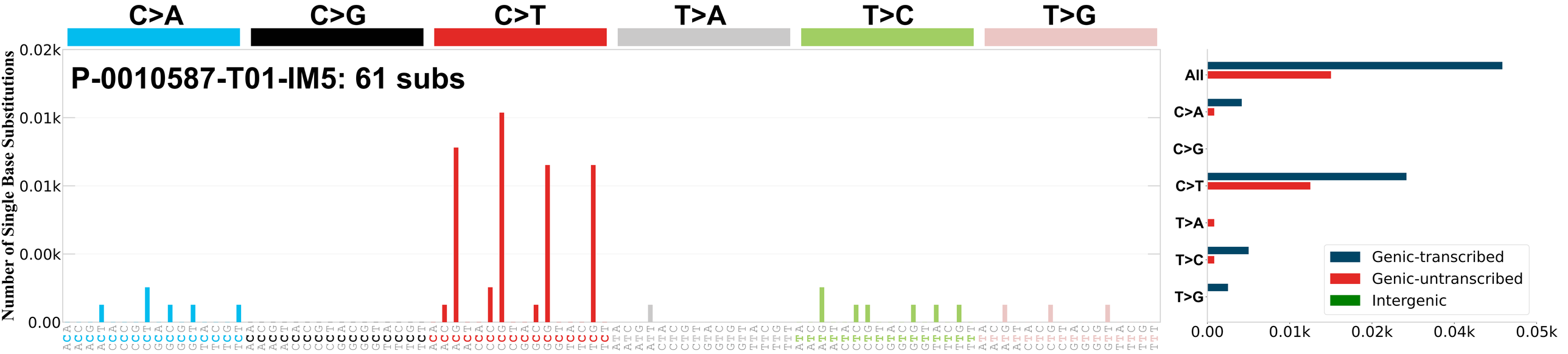

C>A
C>G
C>T
T>A
T>C
T>G
P-0009964-T01-IM5: 24 subs
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.02k

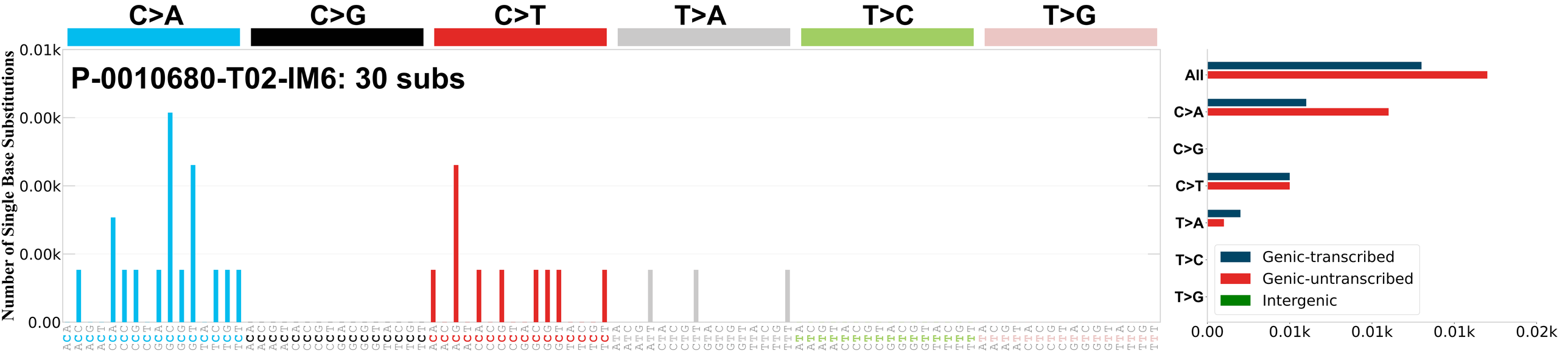

C>A
C>G
C>T
T>A
T>C
T>G
P-0010167-T01-IM5: 23 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.02k

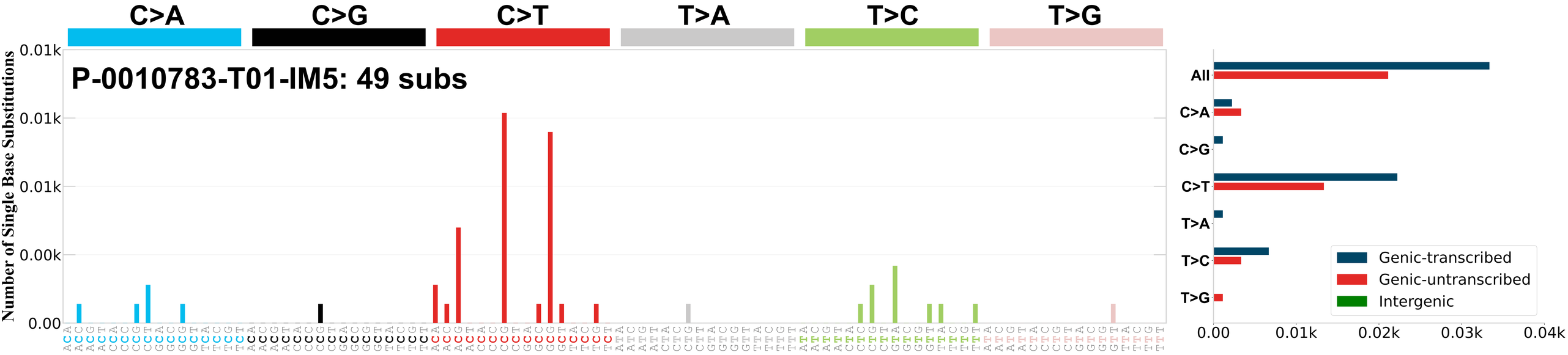

C>A
C>G
C>T
T>A
T>C
T>G
P-0010275-T01-IM5: 41 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

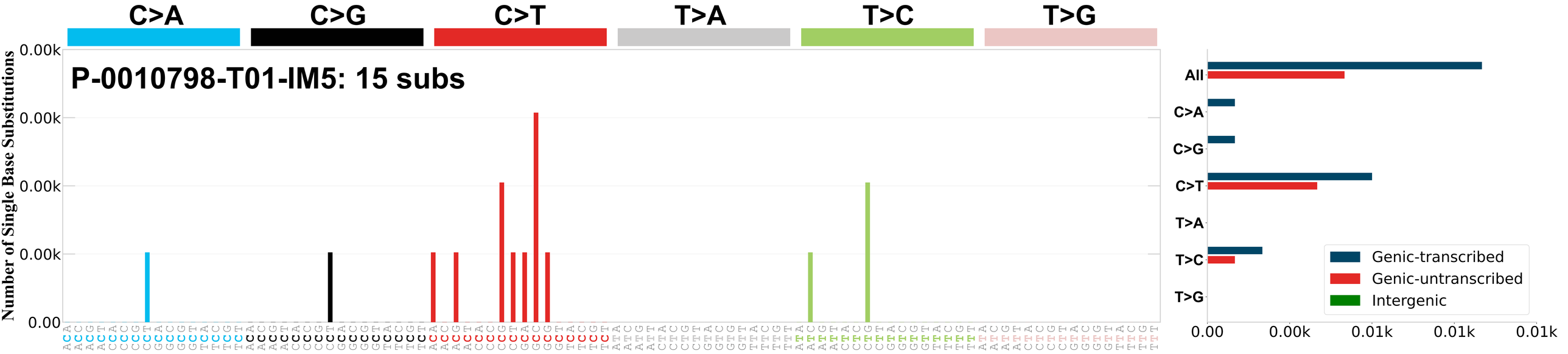

C>A
C>G
C>T
T>A
T>C
T>G
P-0010308-T01-IM5: 23 subs
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.02k

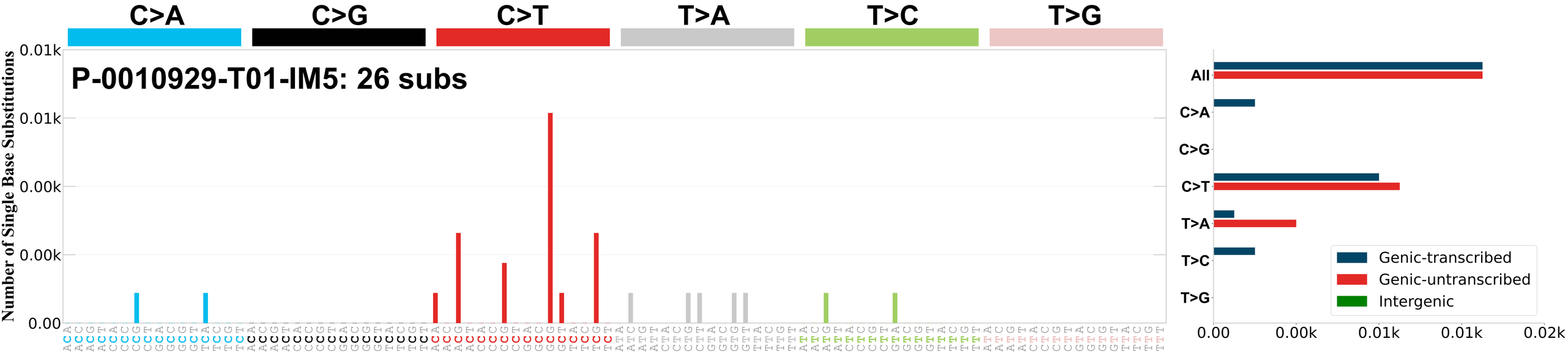

C>A
C>G
C>T
T>A
T>C
T>G
P-0010499-T01-IM5: 155 subs
Number of Single Base Substitutions
0.05k
0.04k
0.02k
0.01k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.03k
0.05k
0.08k
0.11k

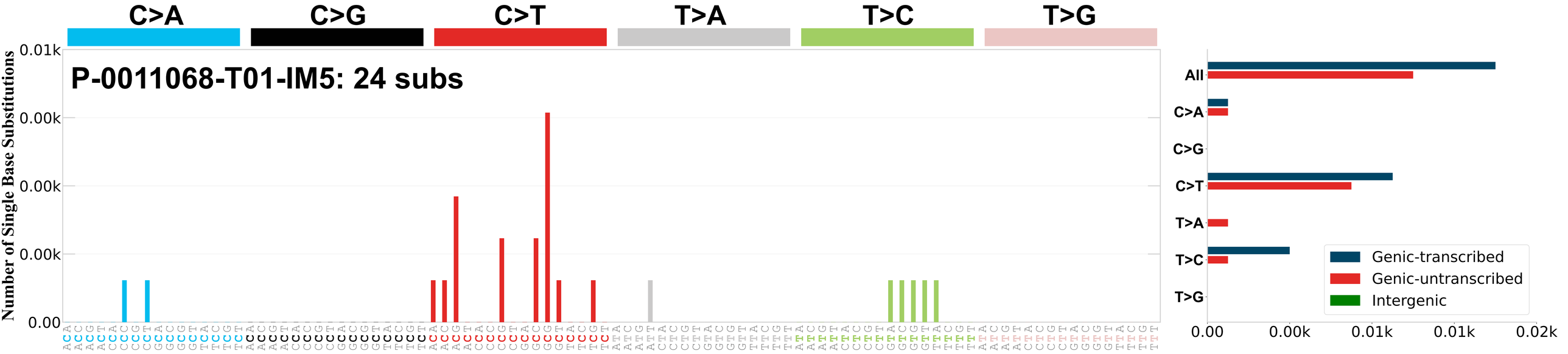

C>A
C>G
C>T
T>A
T>C
T>G
P-0010587-T01-IM5: 61 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.04k
0.05k

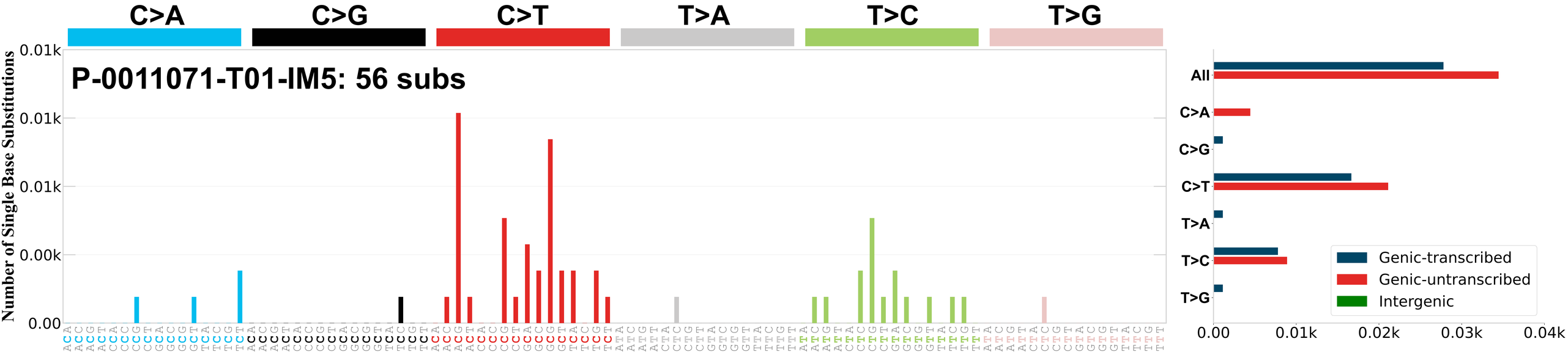

C>A
C>G
C>T
T>A
T>C
T>G
P-0010680-T02-IM6: 30 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.01k
0.02k

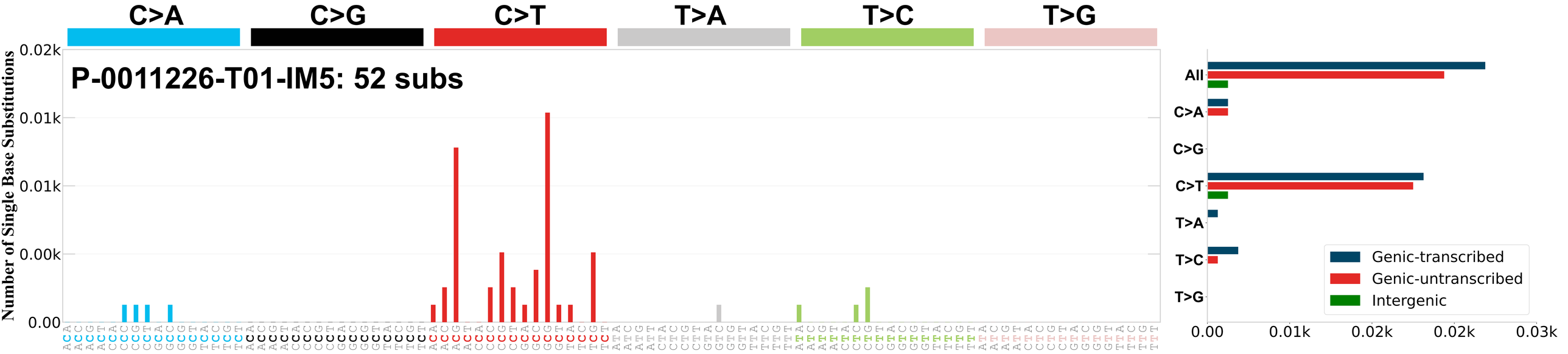

C>A
C>G
C>T
T>A
T>C
T>G
P-0010783-T01-IM5: 49 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

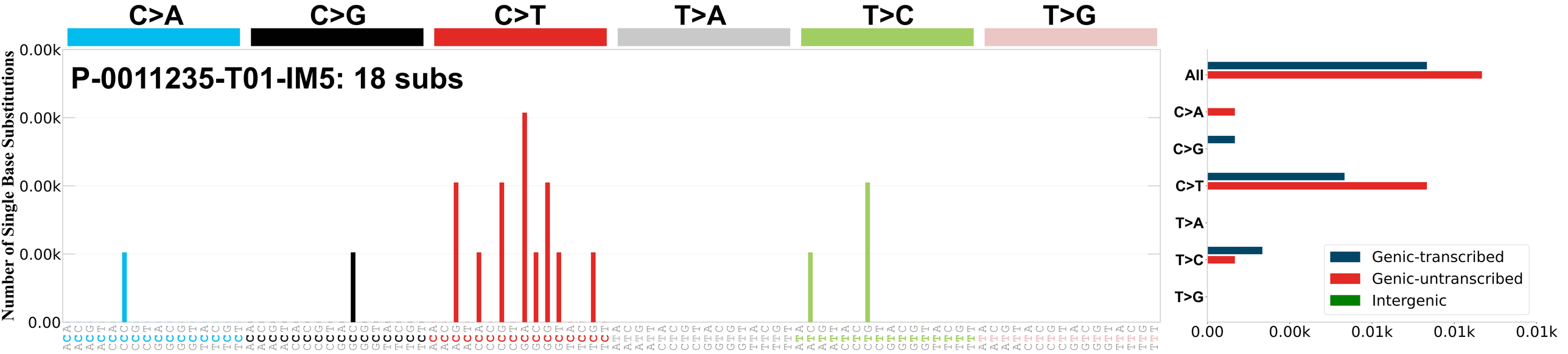

C>A
C>G
C>T
T>A
T>C
T>G
P-0010798-T01-IM5: 15 subs
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.01k

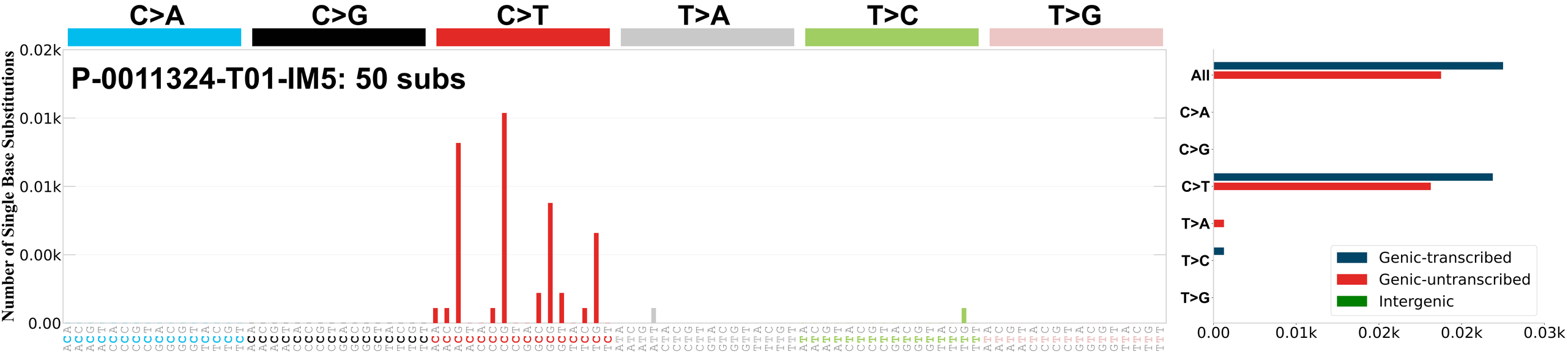

C>A
C>G
C>T
T>A
T>C
T>G
P-0010929-T01-IM5: 26 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.02k

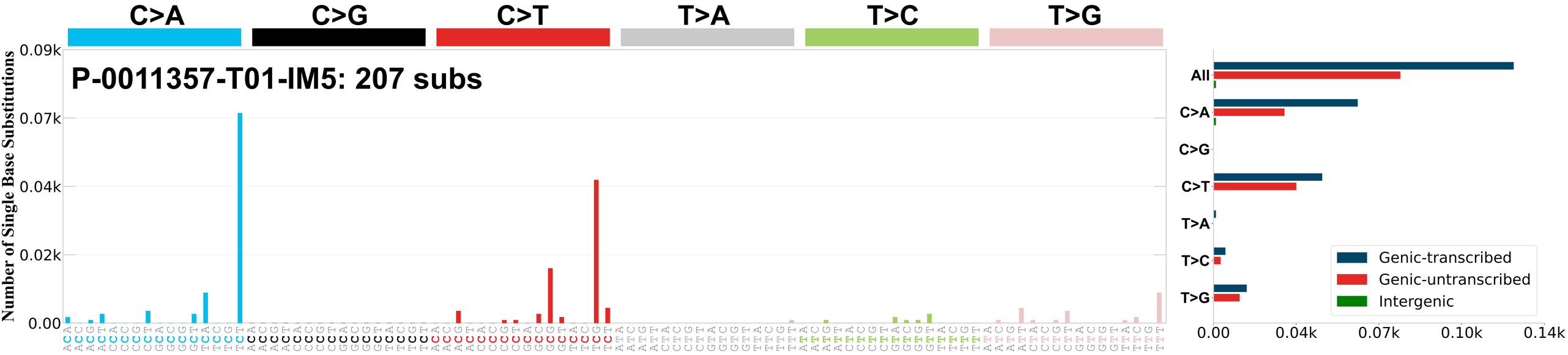

C>A
C>G
C>T
T>A
T>C
T>G
P-0011068-T01-IM5: 24 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.02k

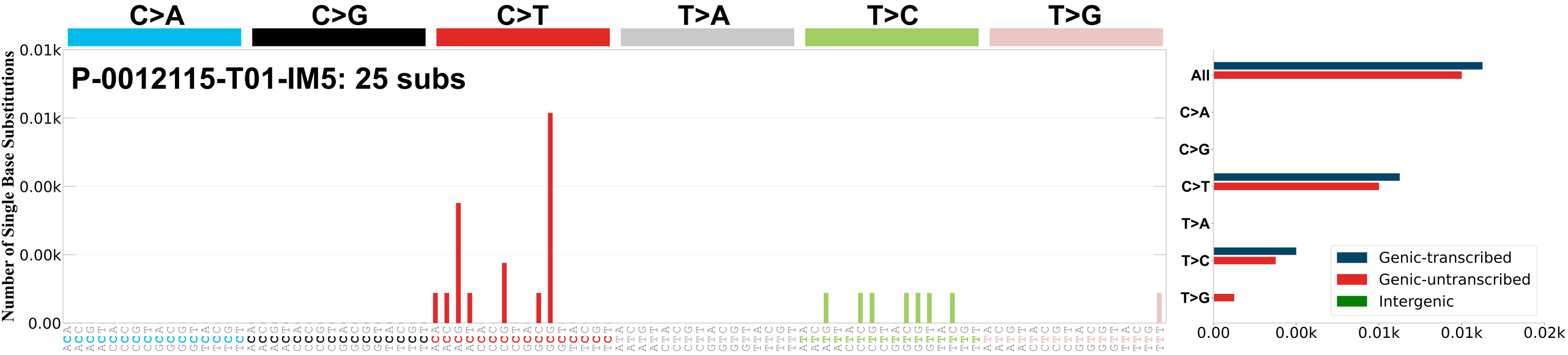

C>A
C>G
C>T
T>A
T>C
T>G
P-0011071-T01-IM5: 56 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

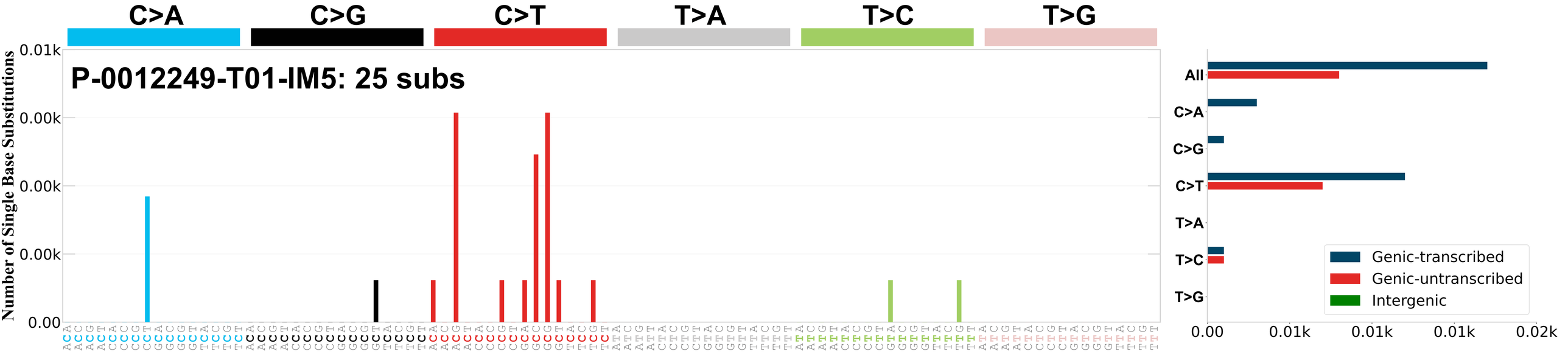

C>A
C>G
C>T
T>A
T>C
T>G
P-0011226-T01-IM5: 52 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.02k
0.03k

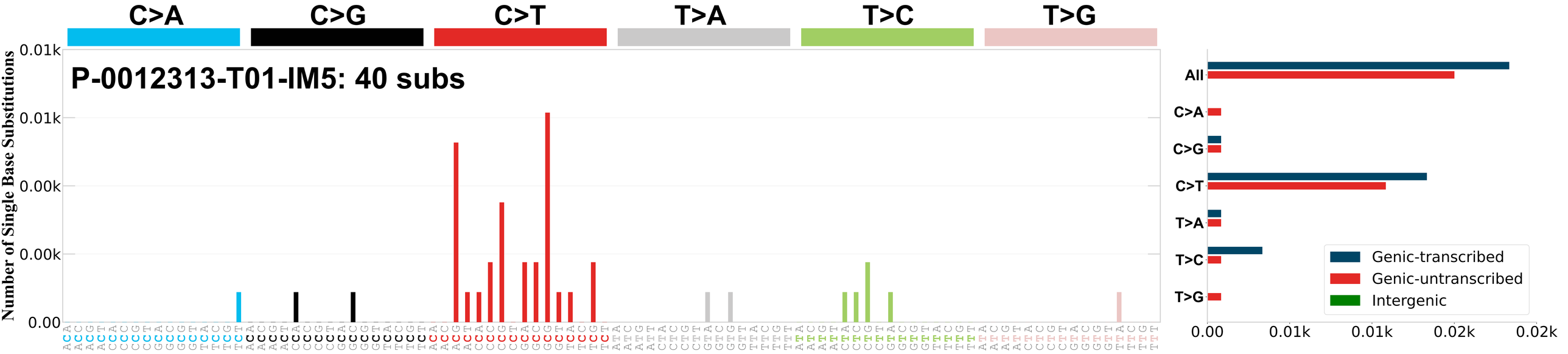

C>A
C>G
C>T
T>A
T>C
T>G
P-0011235-T01-IM5: 18 subs
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.01k

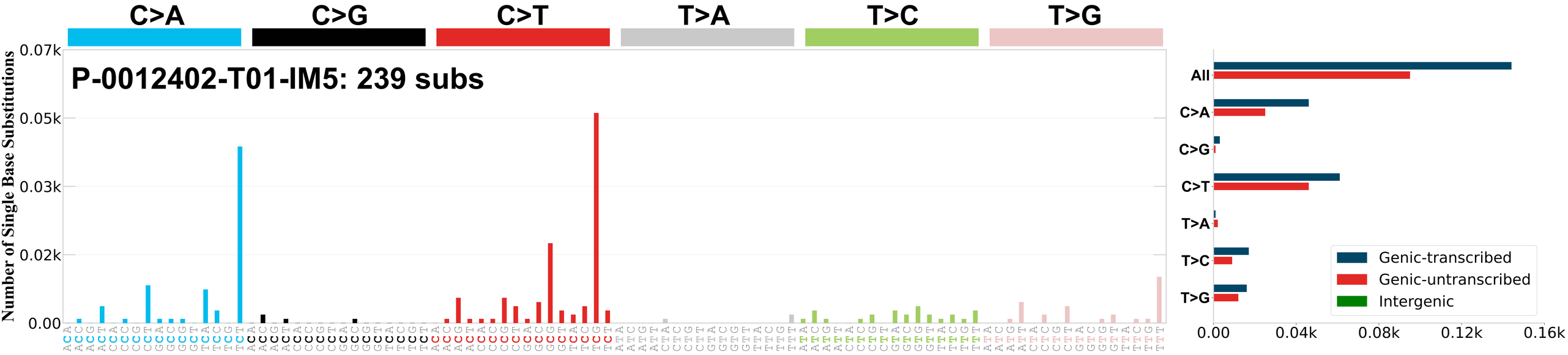

C>A
C>G
C>T
T>A
T>C
T>G
P-0011324-T01-IM5: 50 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.02k
0.03k

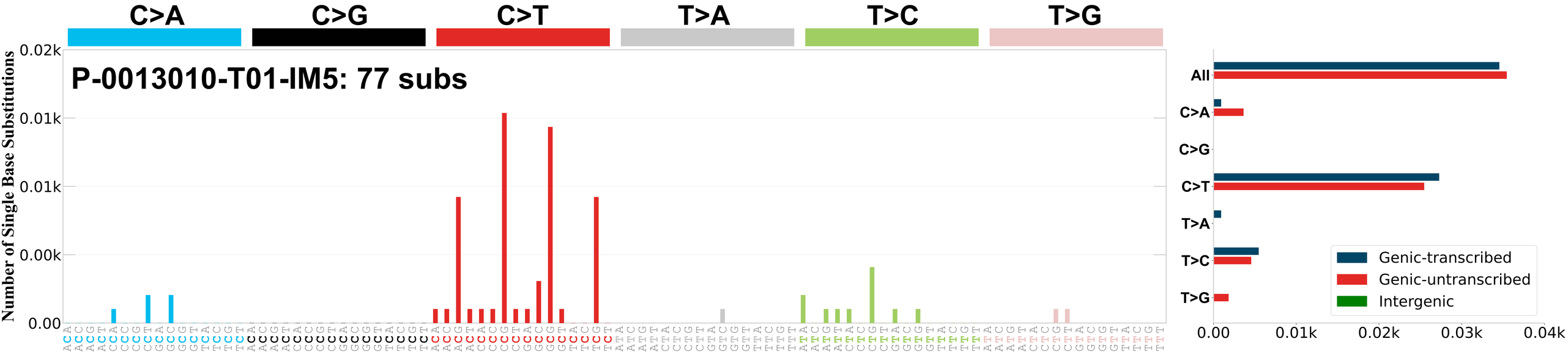

C>A
C>G
C>T
T>A
T>C
T>G
P-0011357-T01-IM5: 207 subs
Number of Single Base Substitutions
0.09k
0.07k
0.04k
0.02k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.04k
0.07k
0.10k
0.14k

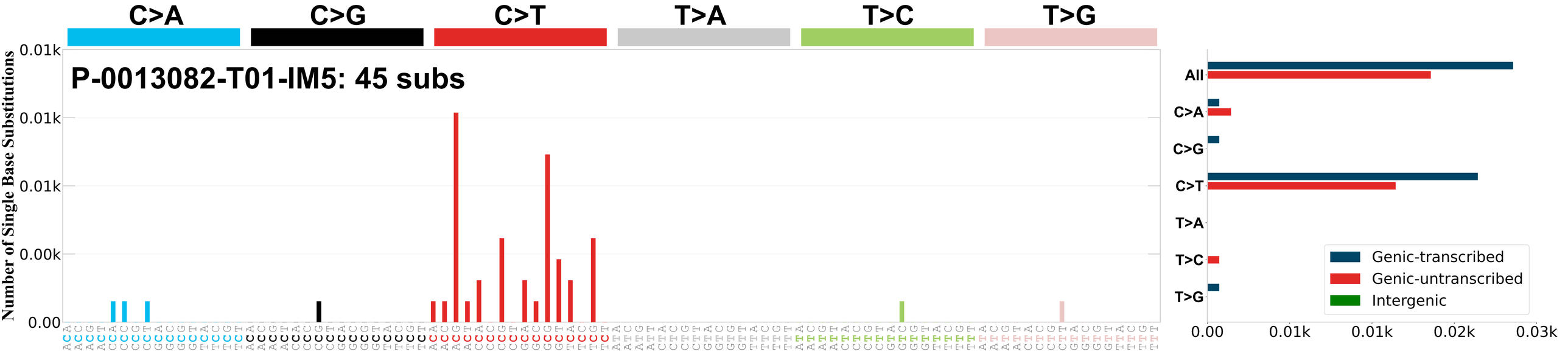

C>A
C>G
C>T
T>A
T>C
T>G
P-0012115-T01-IM5: 25 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.02k

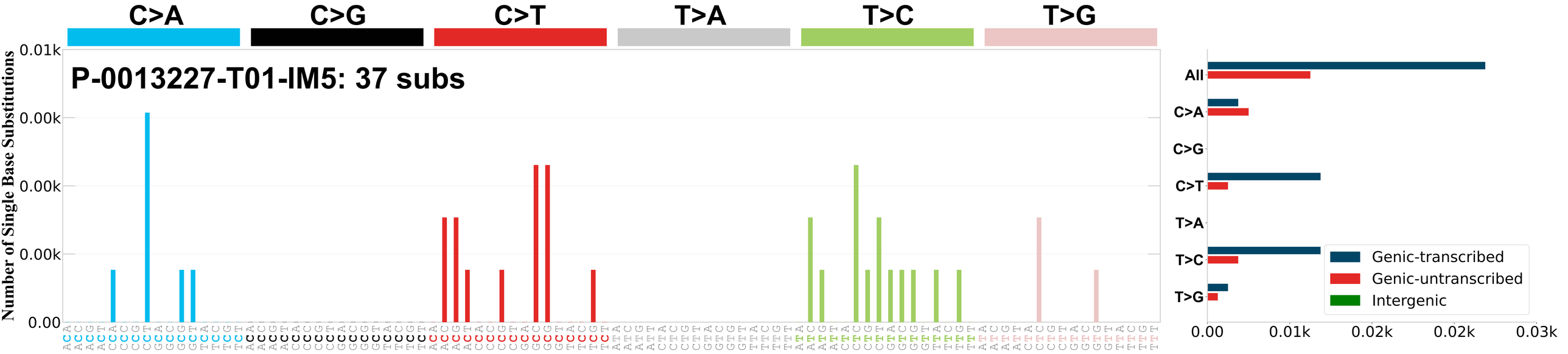

C>A
C>G
C>T
T>A
T>C
T>G
P-0012249-T01-IM5: 25 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.01k
0.02k

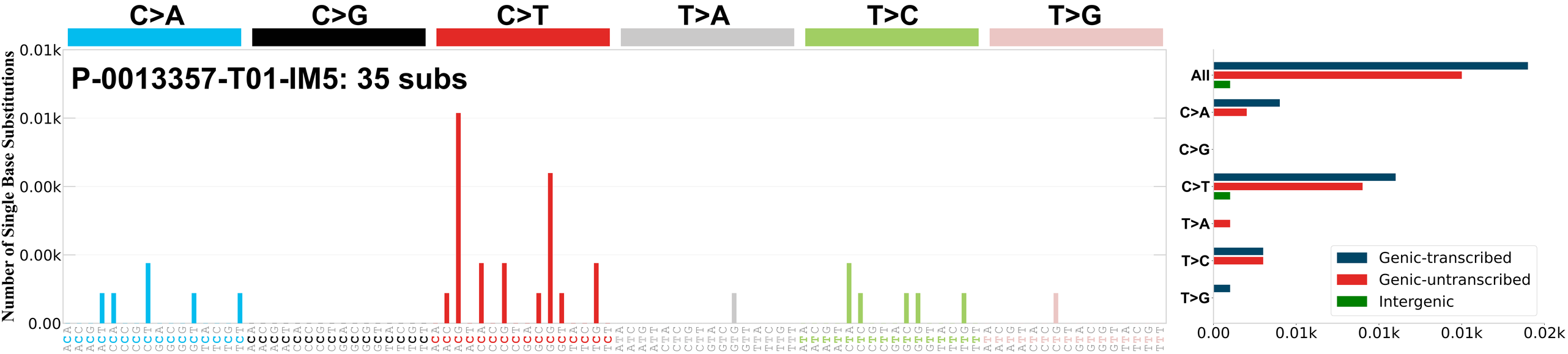

C>A
C>G
C>T
T>A
T>C
T>G
P-0012313-T01-IM5: 40 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

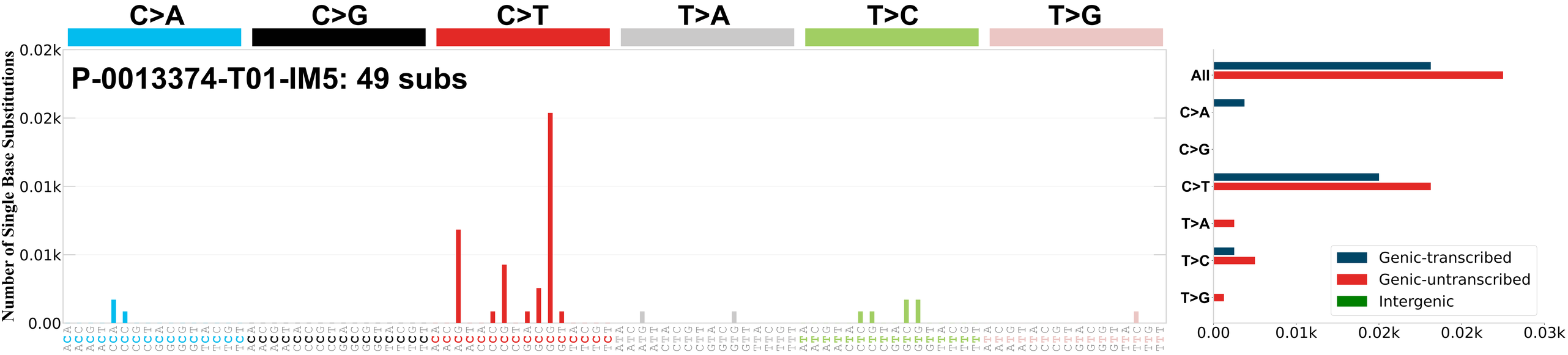

C>A
C>G
C>T
T>A
T>C
T>G
P-0012402-T01-IM5: 239 subs
Number of Single Base Substitutions
0.07k
0.05k
0.03k
0.02k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.04k
0.08k
0.12k
0.16k

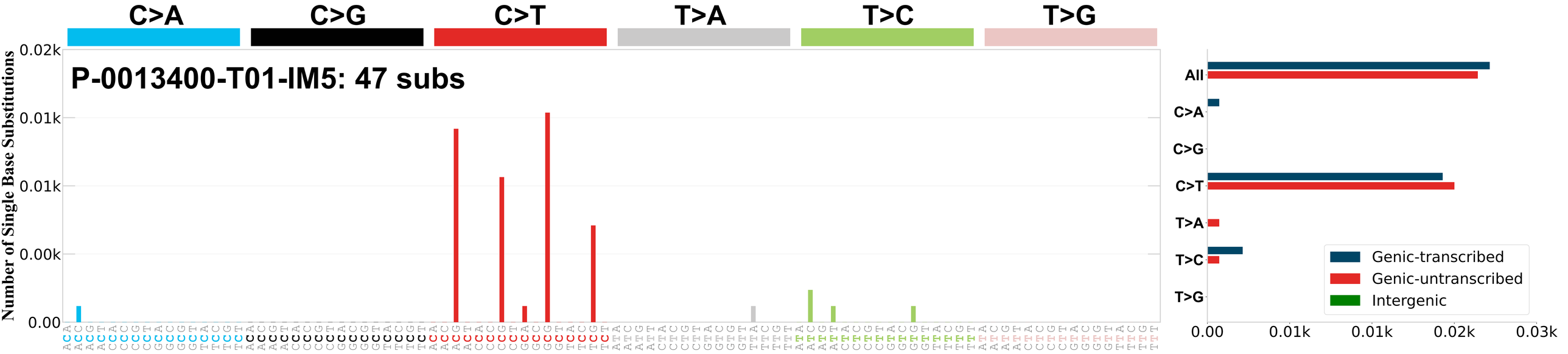

C>A
C>G
C>T
T>A
T>C
T>G
P-0013010-T01-IM5: 77 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

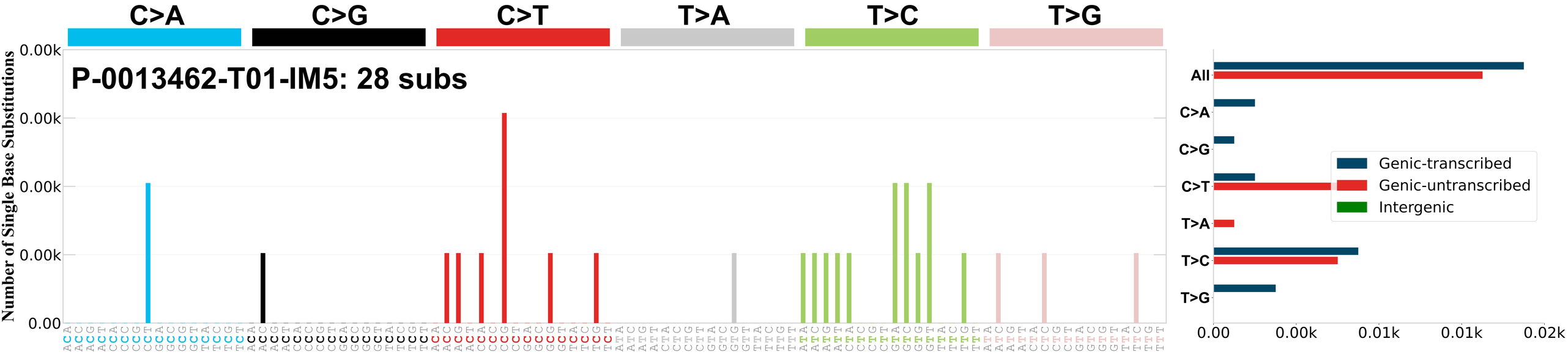

C>A
C>G
C>T
T>A
T>C
T>G
P-0013082-T01-IM5: 45 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

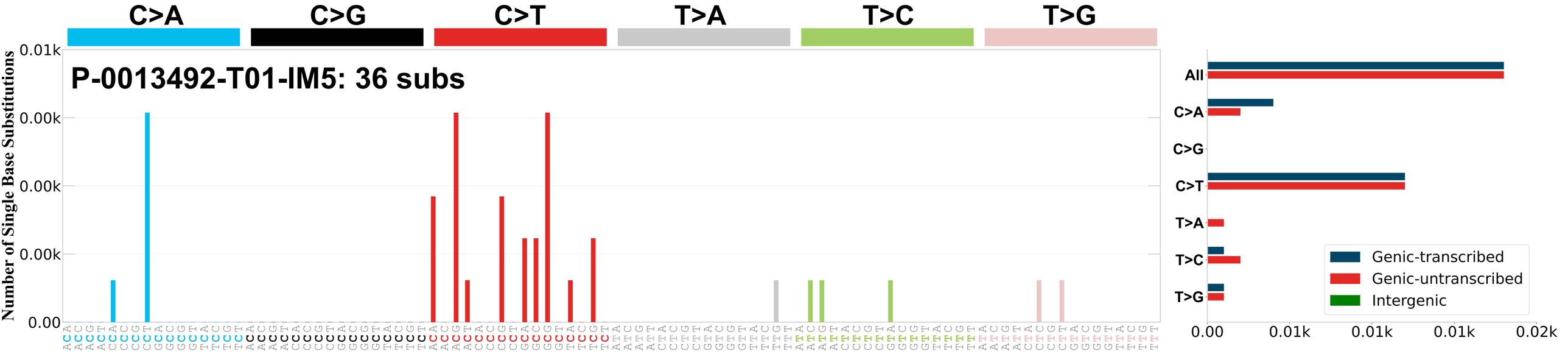

C>A
C>G
C>T
T>A
T>C
T>G
P-0013227-T01-IM5: 37 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.02k
0.03k

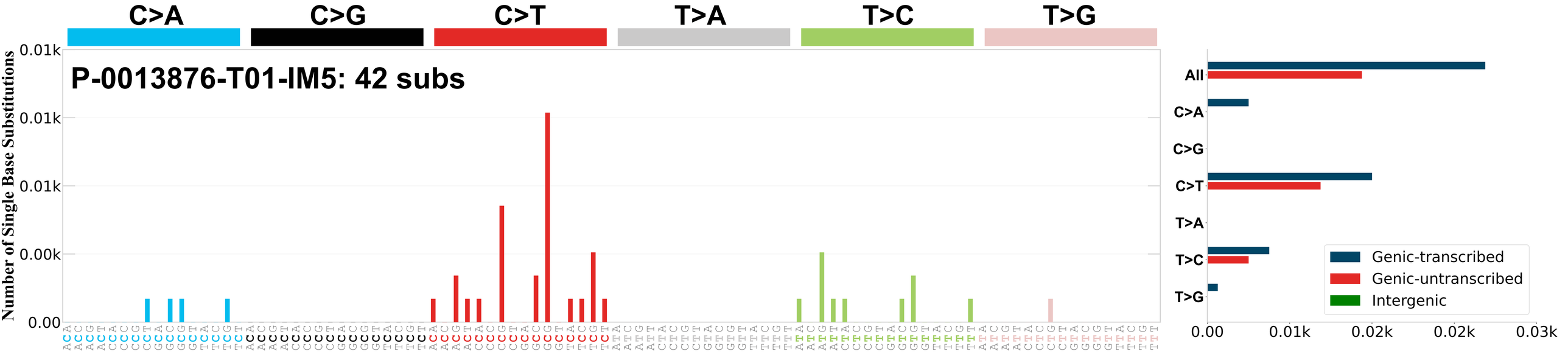

C>A
C>G
C>T
T>A
T>C
T>G
P-0013357-T01-IM5: 35 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.01k
0.02k

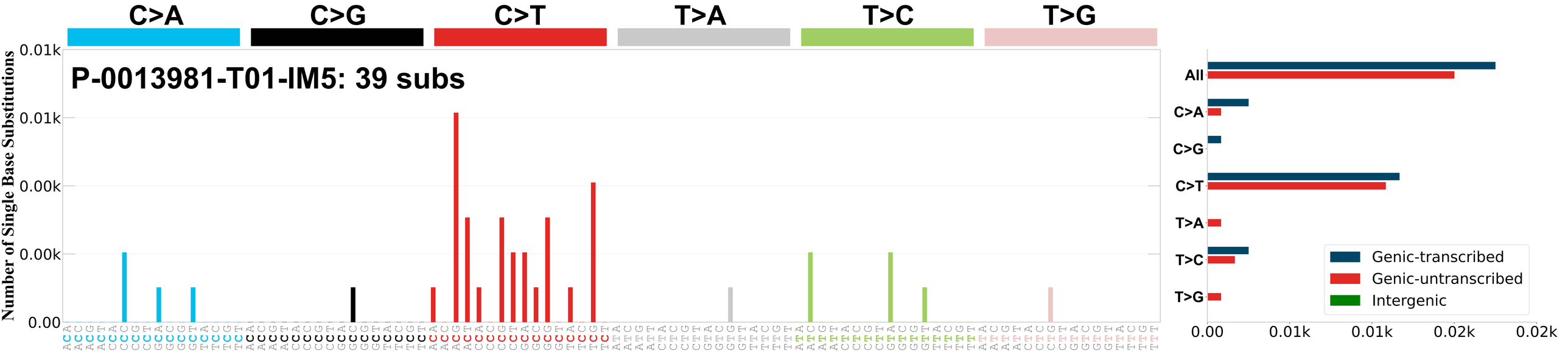

C>A
C>G
C>T
T>A
T>C
T>G
P-0013374-T01-IM5: 49 subs
Number of Single Base Substitutions
0.02k
0.02k
0.01k
0.01k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.02k
0.03k

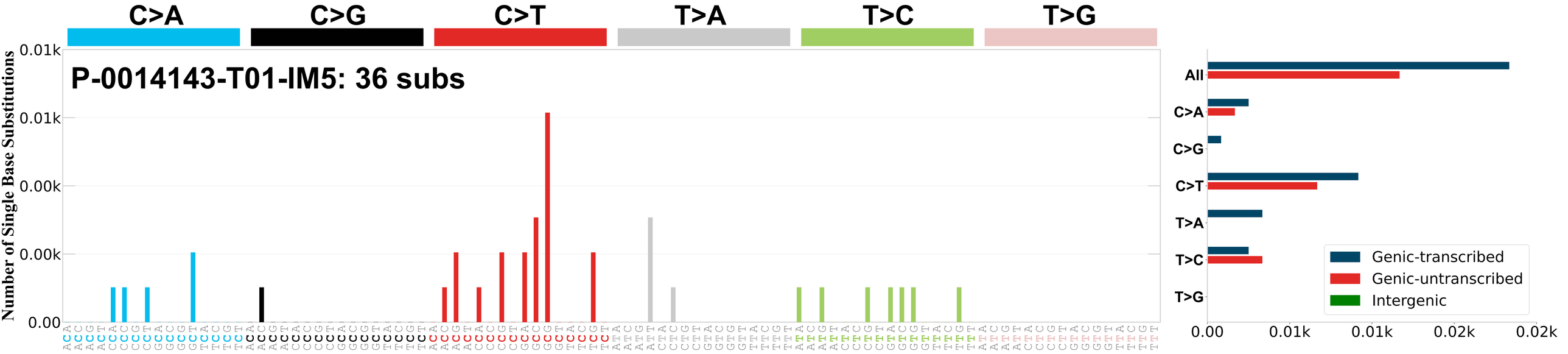

C>A
C>G
C>T
T>A
T>C
T>G
P-0013400-T01-IM5: 47 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

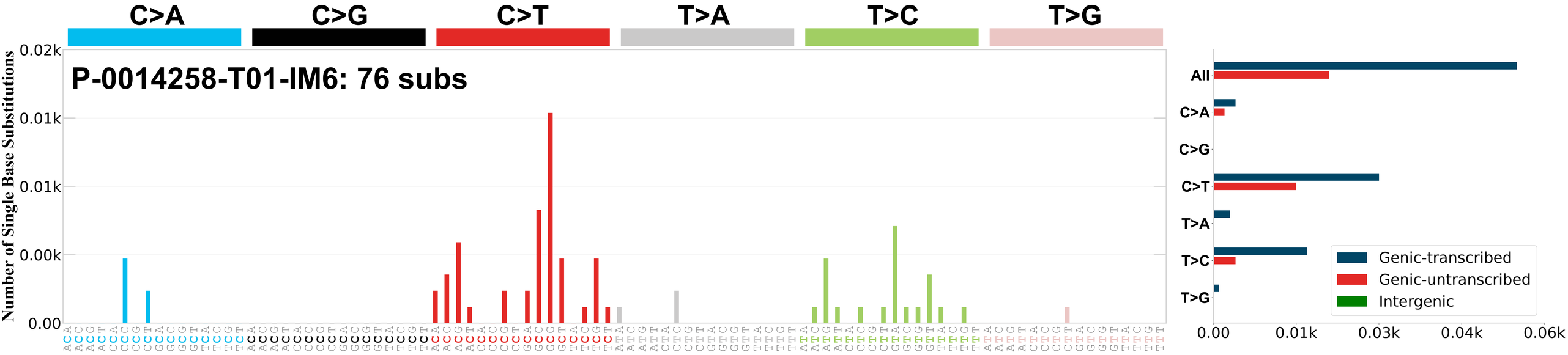

C>A
C>G
C>T
T>A
T>C
T>G
P-0013462-T01-IM5: 28 subs
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.02k

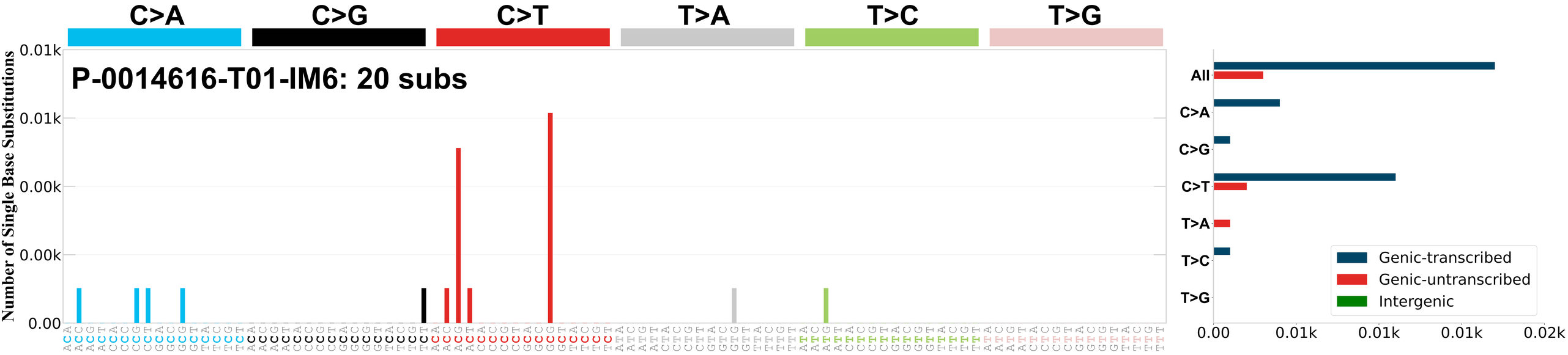

C>A
C>G
C>T
T>A
T>C
T>G
P-0013492-T01-IM5: 36 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.01k
0.02k

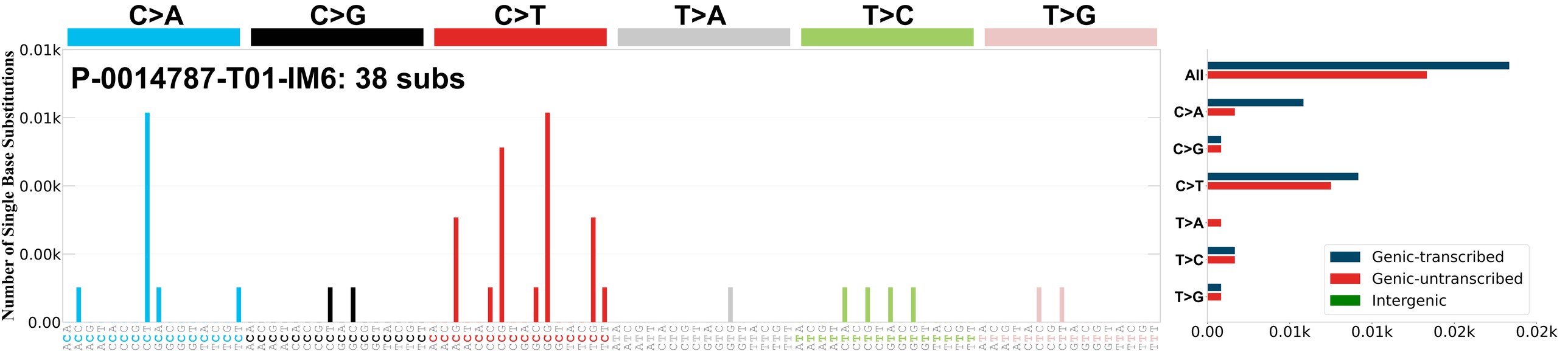

C>A
C>G
C>T
T>A
T>C
T>G
P-0013876-T01-IM5: 42 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.02k
0.03k

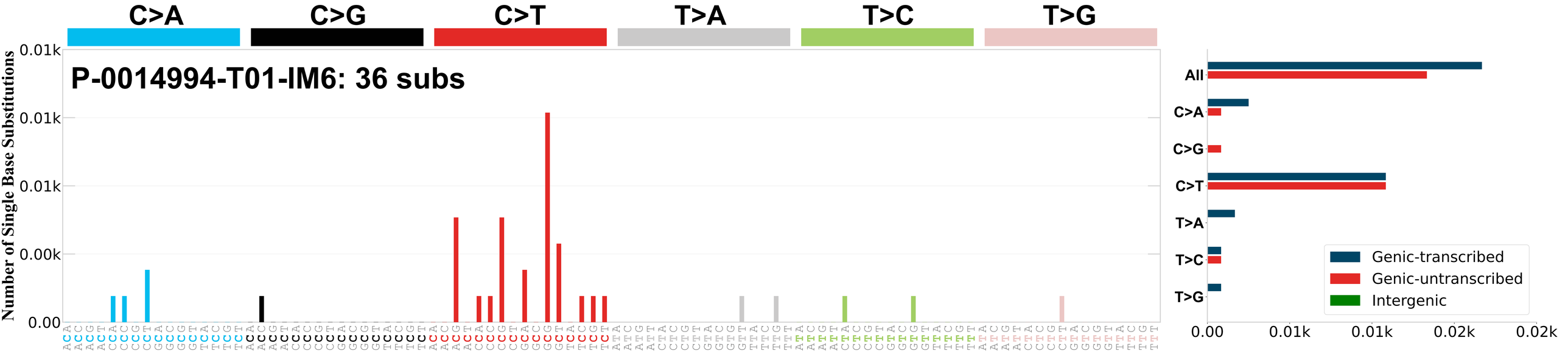

C>A
C>G
C>T
T>A
T>C
T>G
P-0013981-T01-IM5: 39 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k


C>A
C>G
C>T
T>A
T>C
T>G
P-0014143-T01-IM5: 36 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

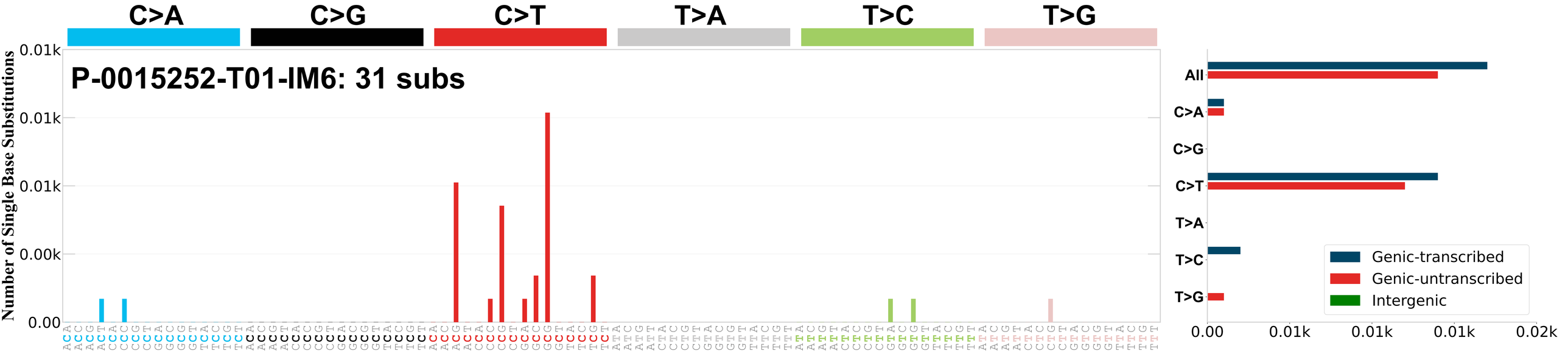

C>A
C>G
C>T
T>A
T>C
T>G
P-0014258-T01-IM6: 76 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.03k
0.04k
0.06k

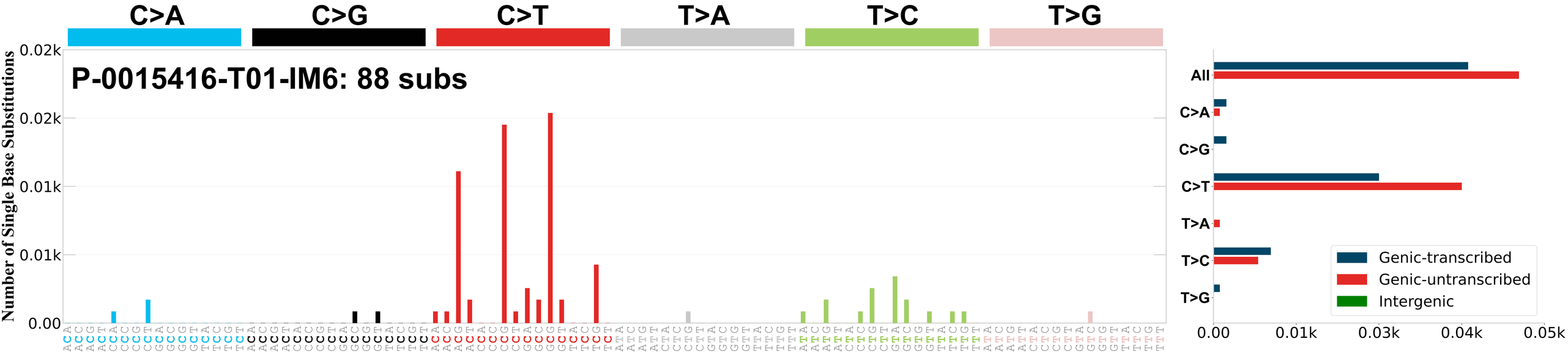

C>A
C>G
C>T
T>A
T>C
T>G
P-0014616-T01-IM6: 20 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.01k
0.02k

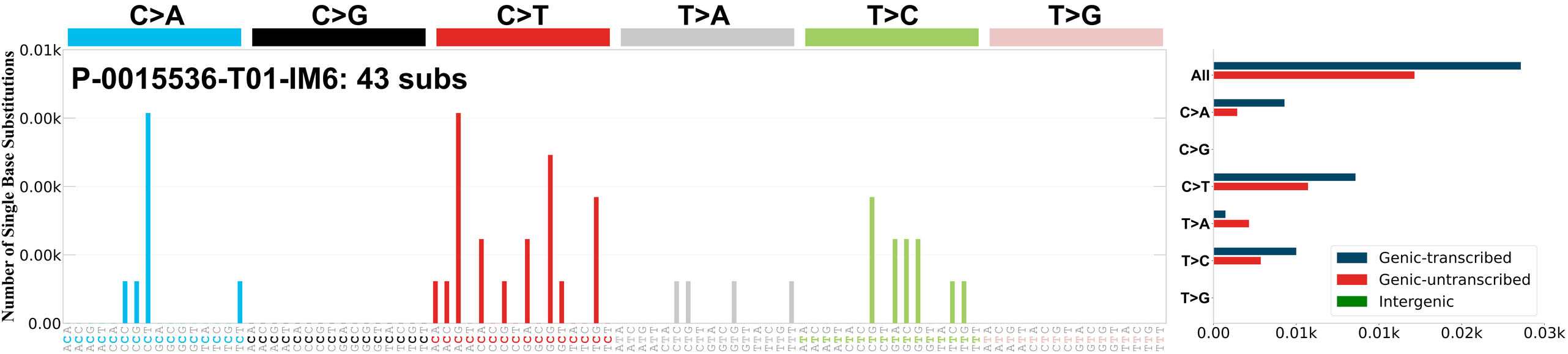

C>A
C>G
C>T
T>A
T>C
T>G
P-0014787-T01-IM6: 38 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

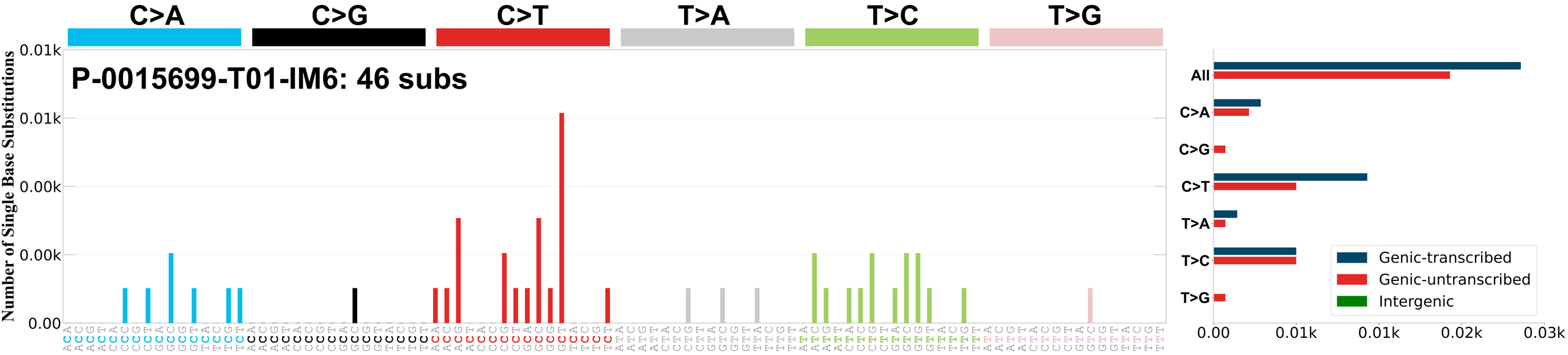

C>A
C>G
C>T
T>A
T>C
T>G
P-0014994-T01-IM6: 36 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

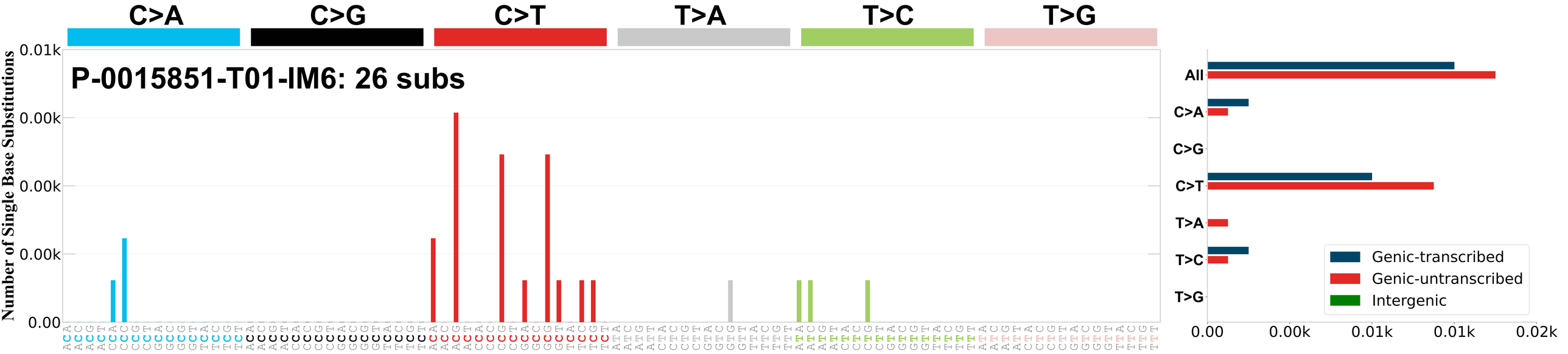
C>A
C>G
C>T
T>A
T>C
T>G
P-0015237-T01-IM6: 39 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.02k
0.03k

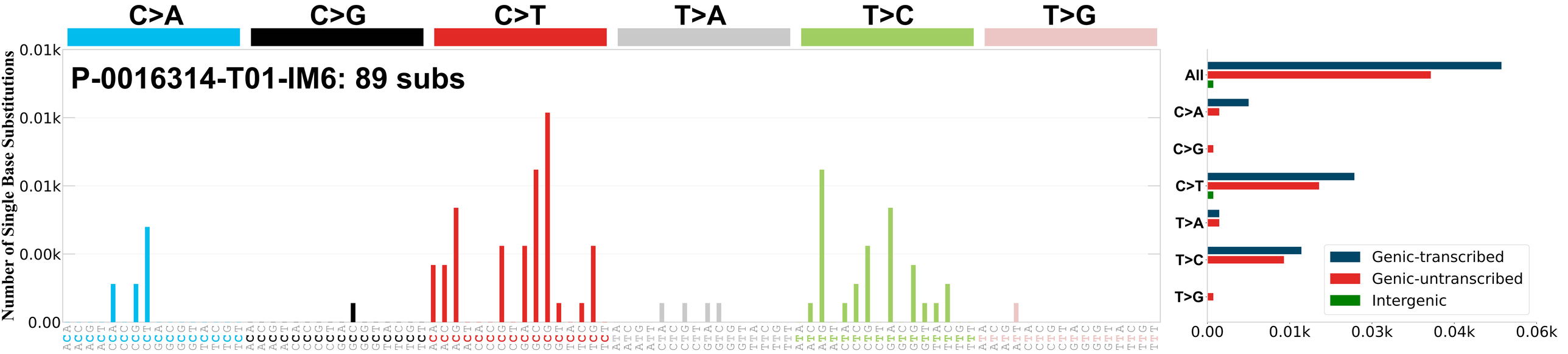

C>A
C>G
C>T
T>A
T>C
T>G
P-0015252-T01-IM6: 31 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.01k
0.02k

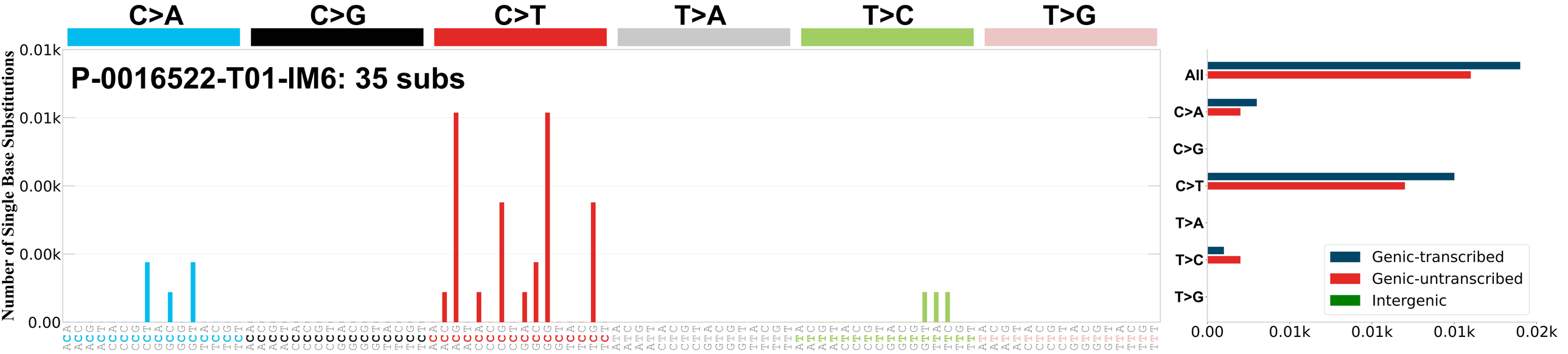

C>A
C>G
C>T
T>A
T>C
T>G
P-0015416-T01-IM6: 88 subs
Number of Single Base Substitutions
0.02k
0.02k
0.01k
0.01k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.03k
0.04k
0.05k

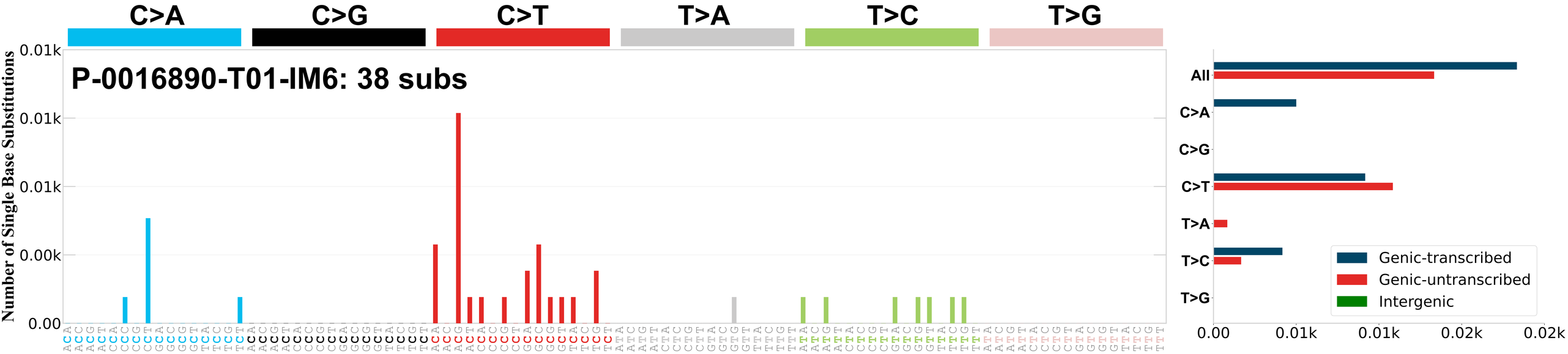

C>A
C>G
C>T
T>A
T>C
T>G
P-0015536-T01-IM6: 43 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

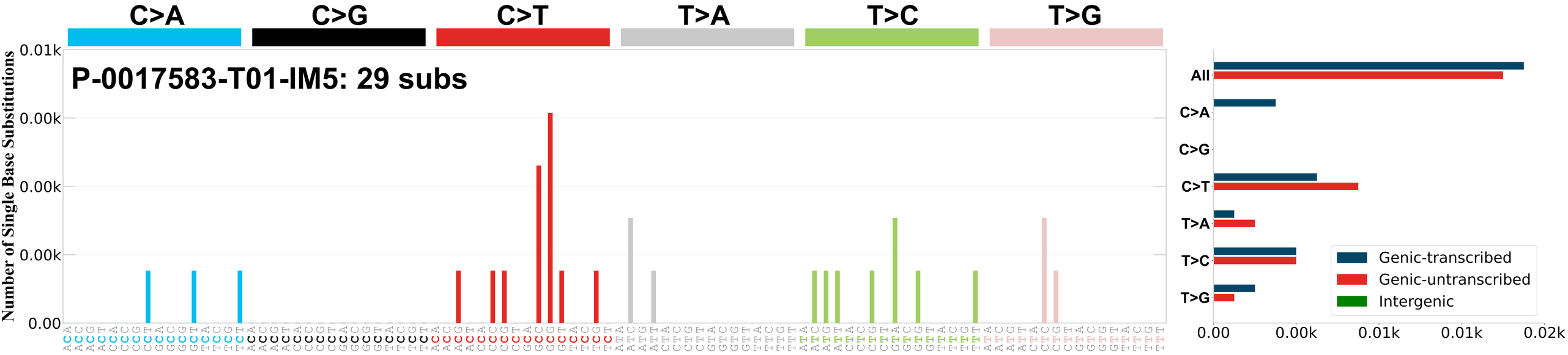

C>A
C>G
C>T
T>A
T>C
T>G
P-0015699-T01-IM6: 46 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

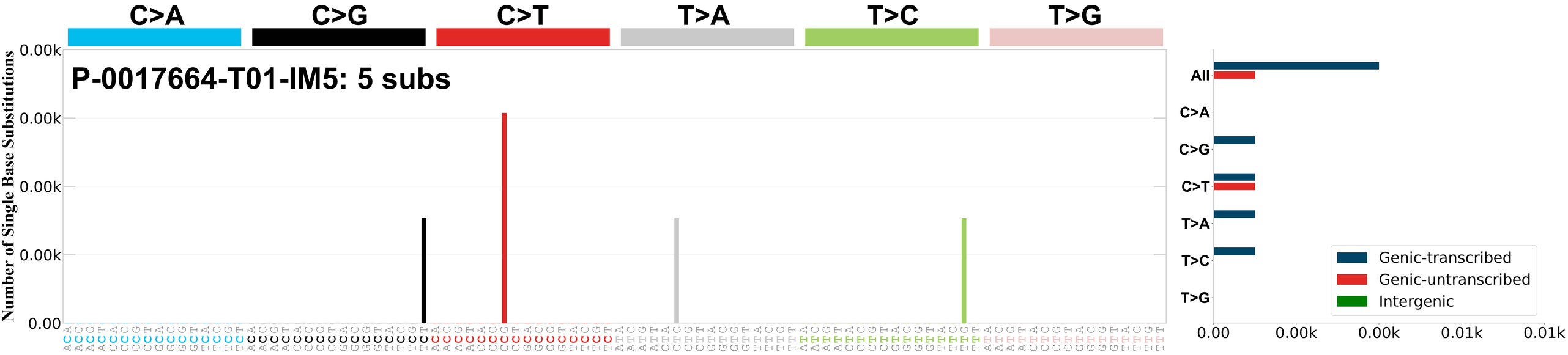

C>A
C>G
C>T
T>A
T>C
T>G
P-0015851-T01-IM6: 26 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.02k

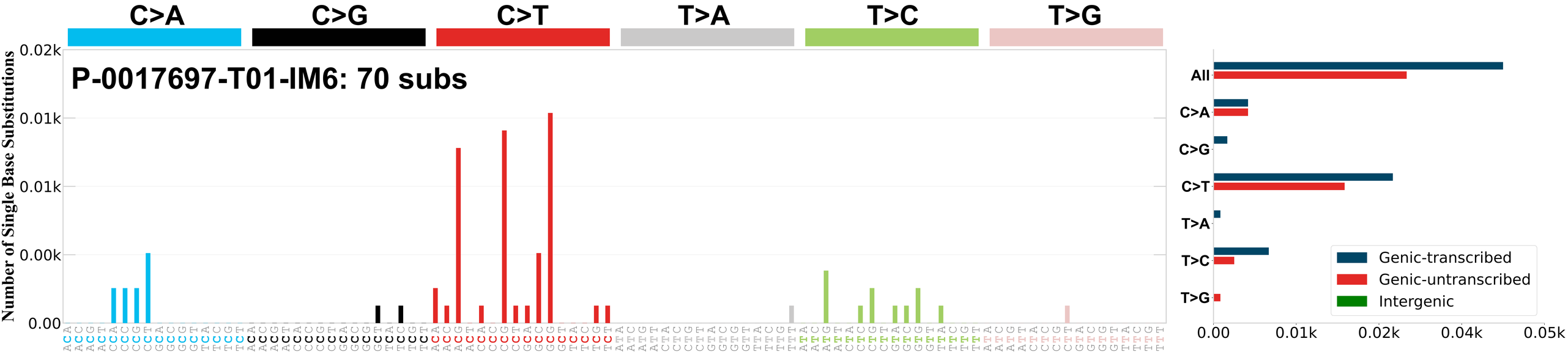

C>A
C>G
C>T
T>A
T>C
T>G
P-0016314-T01-IM6: 89 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.03k
0.04k
0.06k

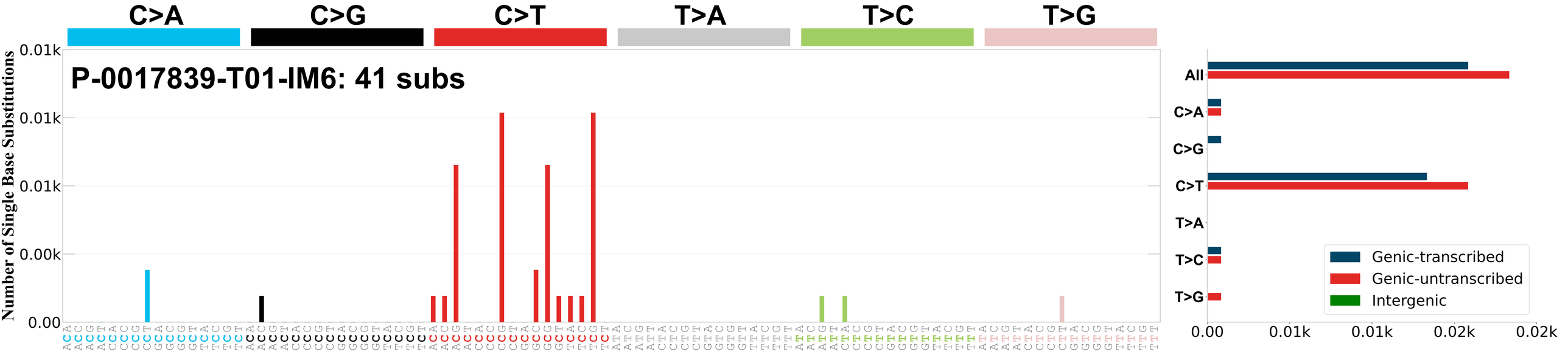

C>A
C>G
C>T
T>A
T>C
T>G
P-0016522-T01-IM6: 35 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.01k
0.02k

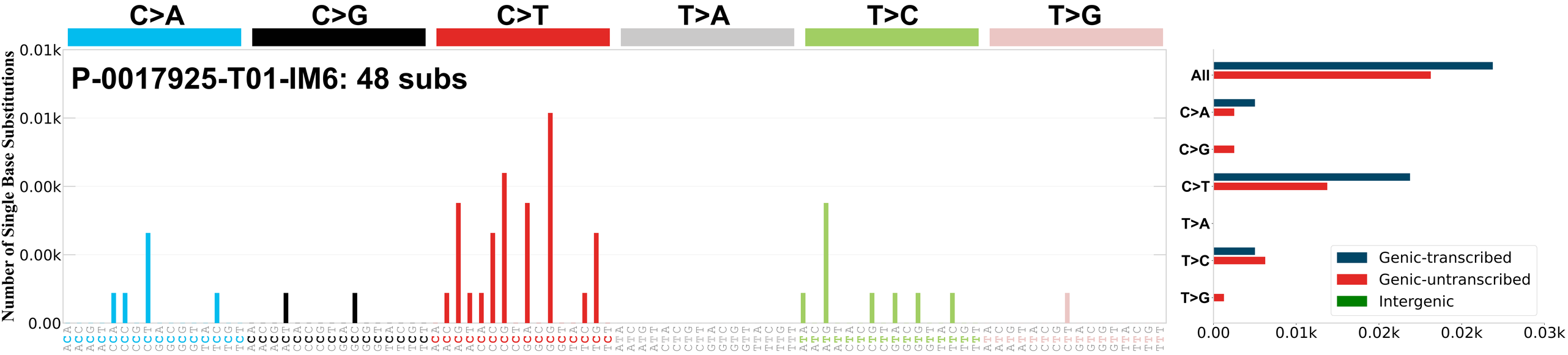

C>A
C>G
C>T
T>A
T>C
T>G
P-0016890-T01-IM6: 38 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

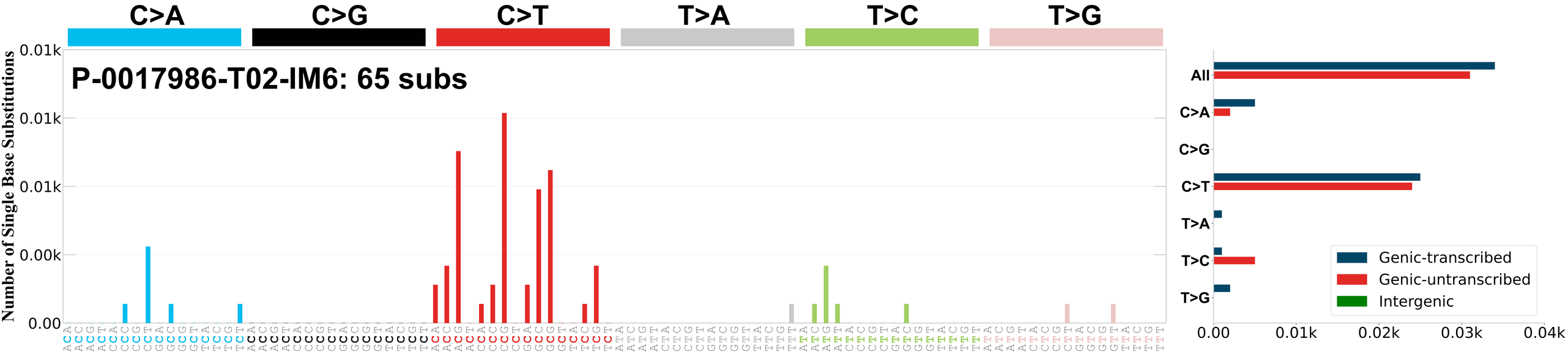

C>A
C>G
C>T
T>A
T>C
T>G
P-0017583-T01-IM5: 29 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.02k

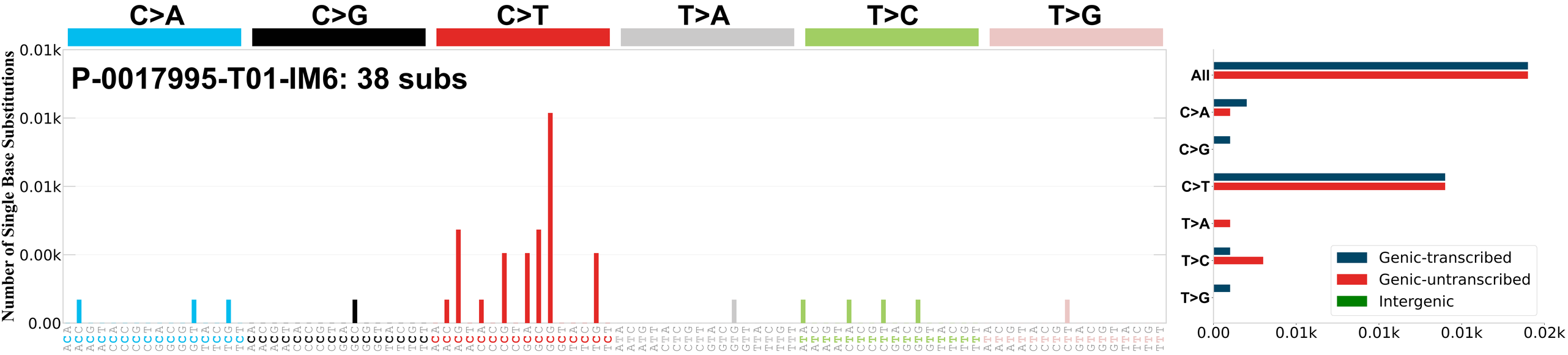

C>A
C>G
C>T
T>A
T>C
T>G
P-0017664-T01-IM5: 5 subs
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.00k
0.01k
0.01k

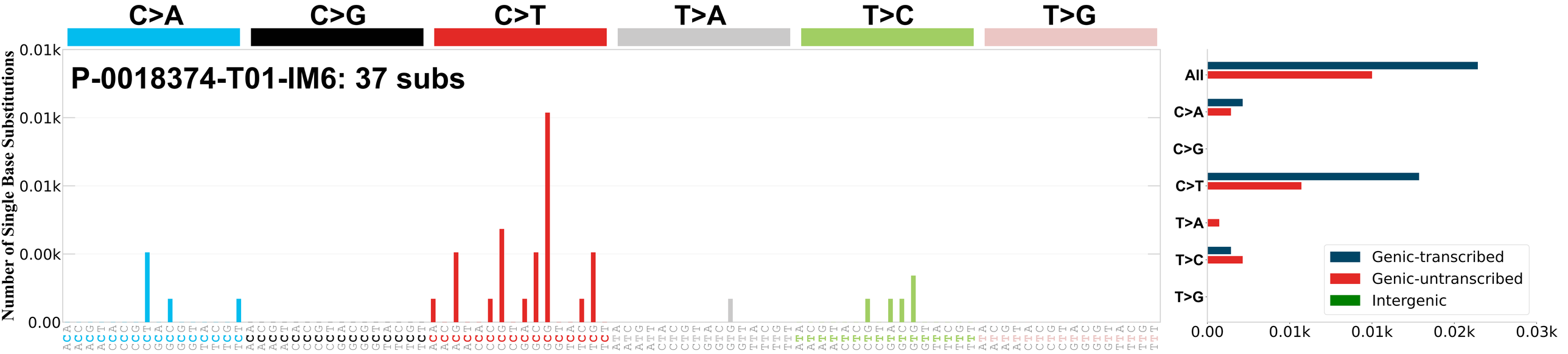

C>A
C>G
C>T
T>A
T>C
T>G
P-0017697-T01-IM6: 70 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.04k
0.05k

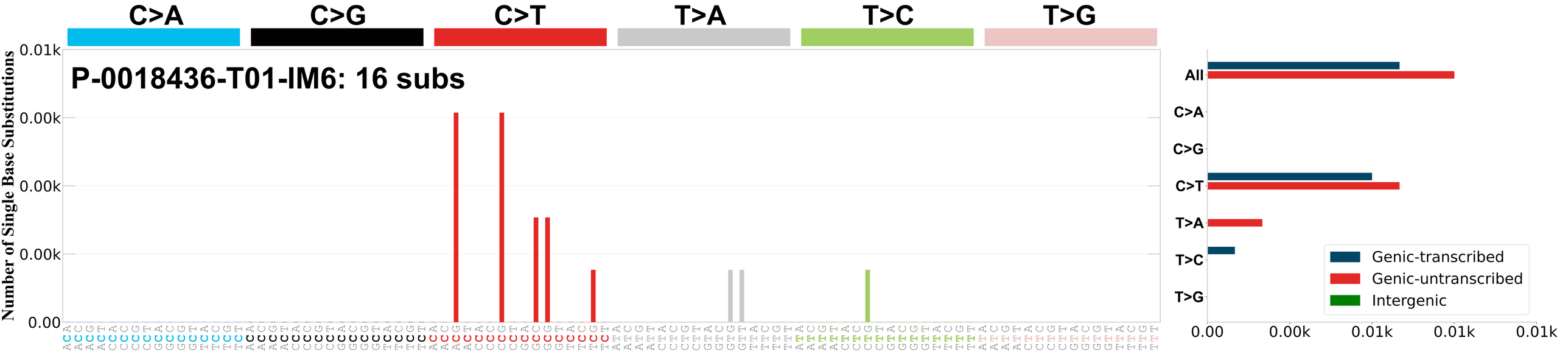

C>A
C>G
C>T
T>A
T>C
T>G
P-0017839-T01-IM6: 41 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

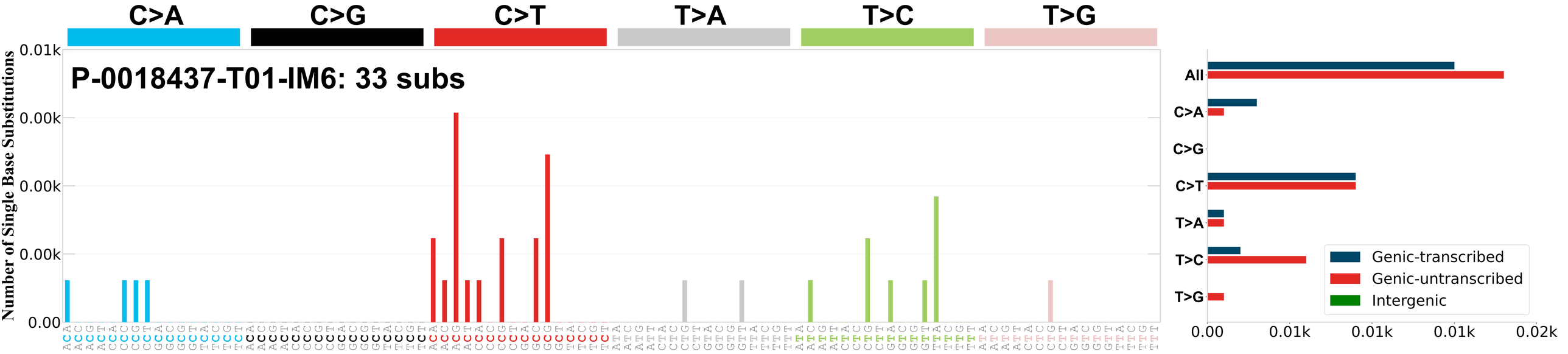

C>A
C>G
C>T
T>A
T>C
T>G
P-0017925-T01-IM6: 48 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.02k
0.03k

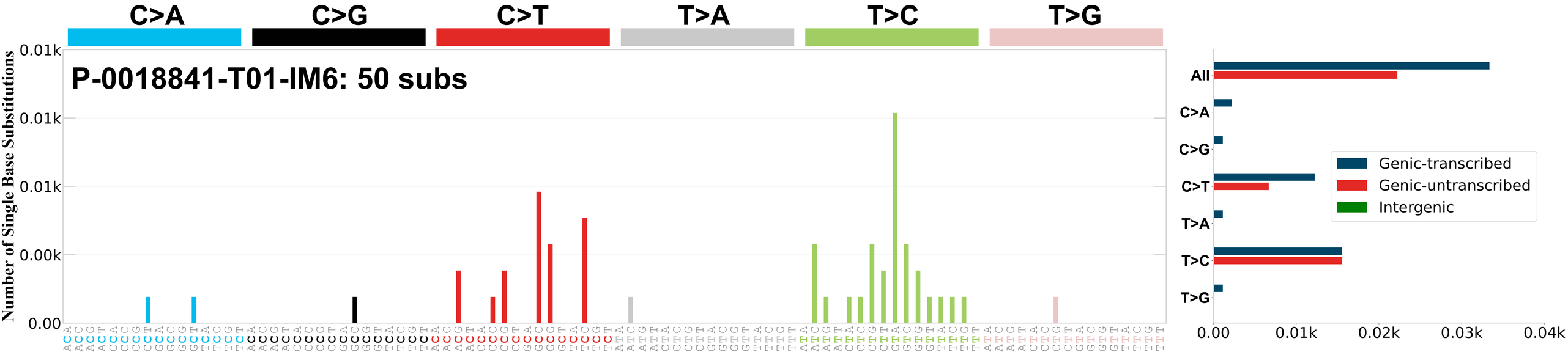

C>A
C>G
C>T
T>A
T>C
T>G
P-0017986-T02-IM6: 65 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

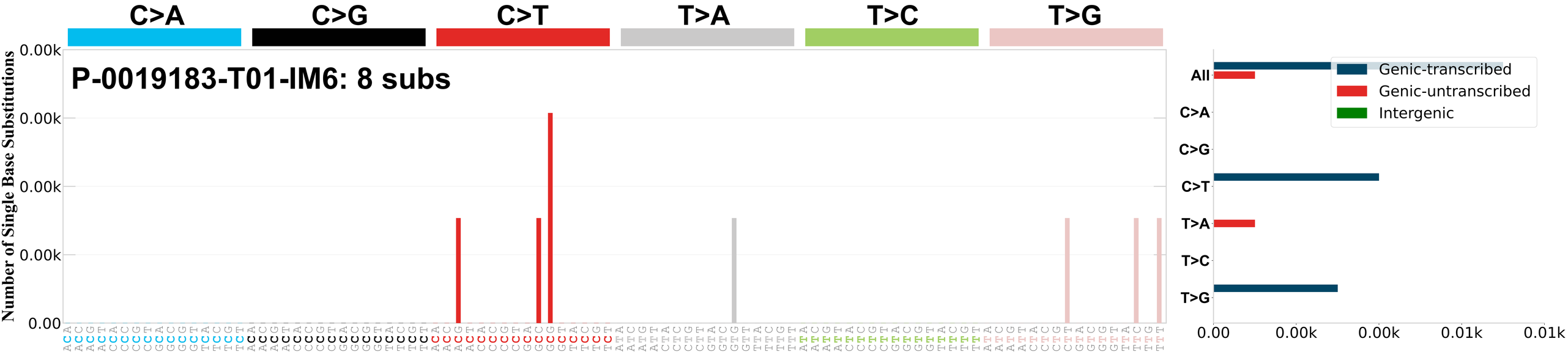

C>A
C>G
C>T
T>A
T>C
T>G
P-0017995-T01-IM6: 38 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.01k
0.02k

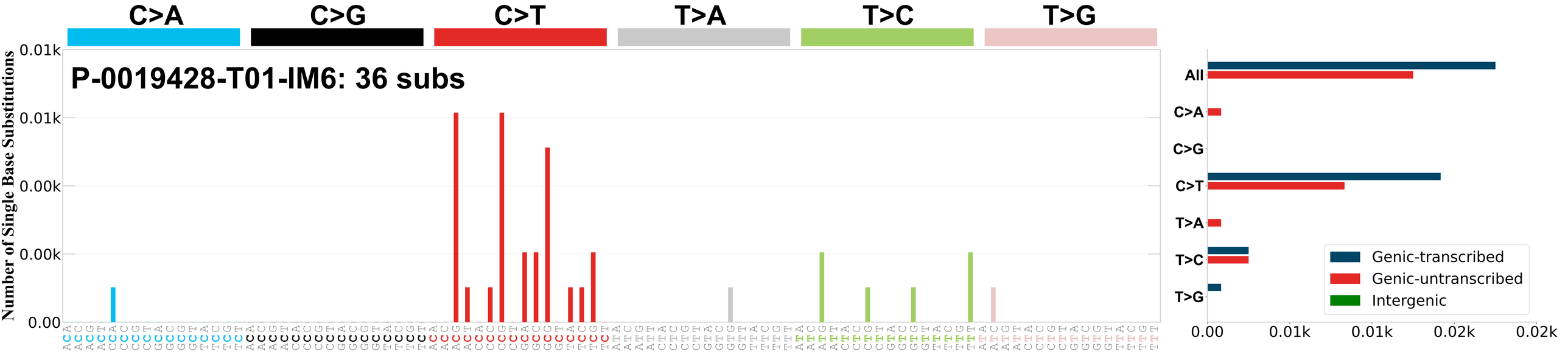

C>A
C>G
C>T
T>A
T>C
T>G
P-0018374-T01-IM6: 37 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

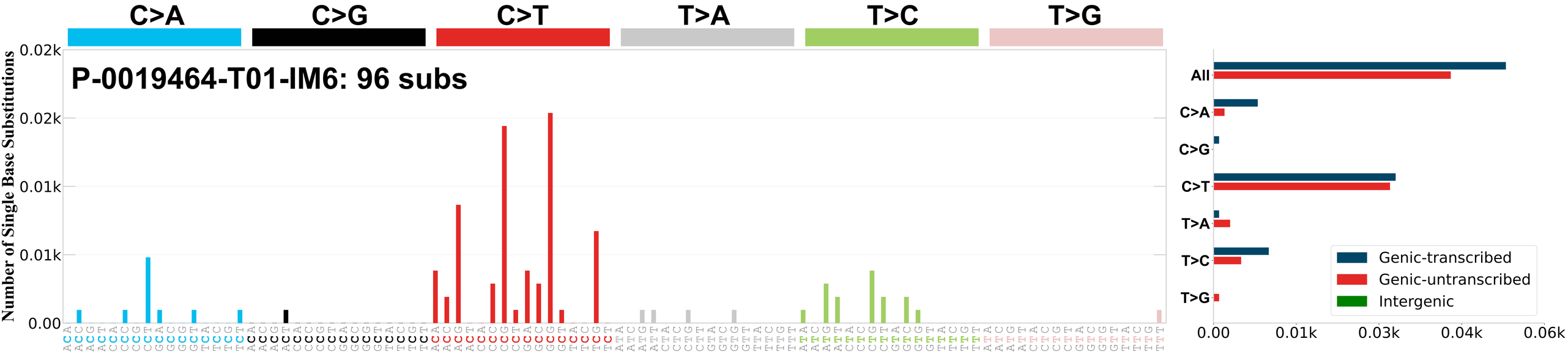

C>A
C>G
C>T
T>A
T>C
T>G
P-0018436-T01-IM6: 16 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.01k

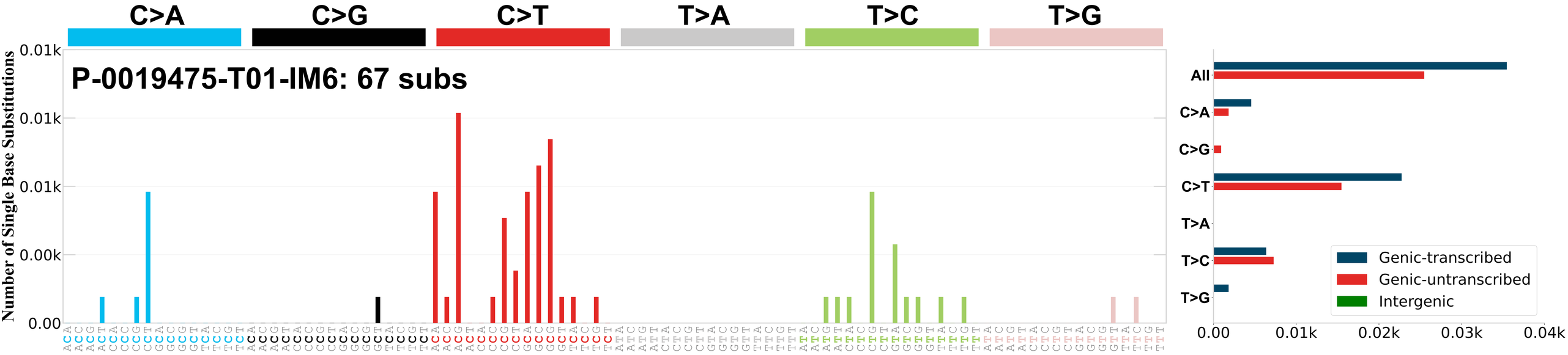

C>A
C>G
C>T
T>A
T>C
T>G
P-0018437-T01-IM6: 33 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.01k
0.02k

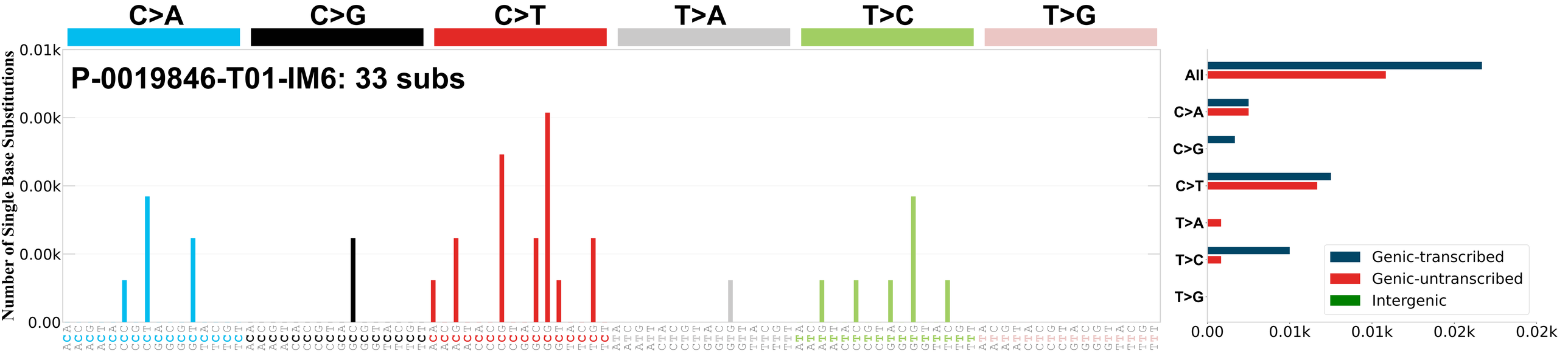

C>A
C>G
C>T
T>A
T>C
T>G
P-0018841-T01-IM6: 50 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

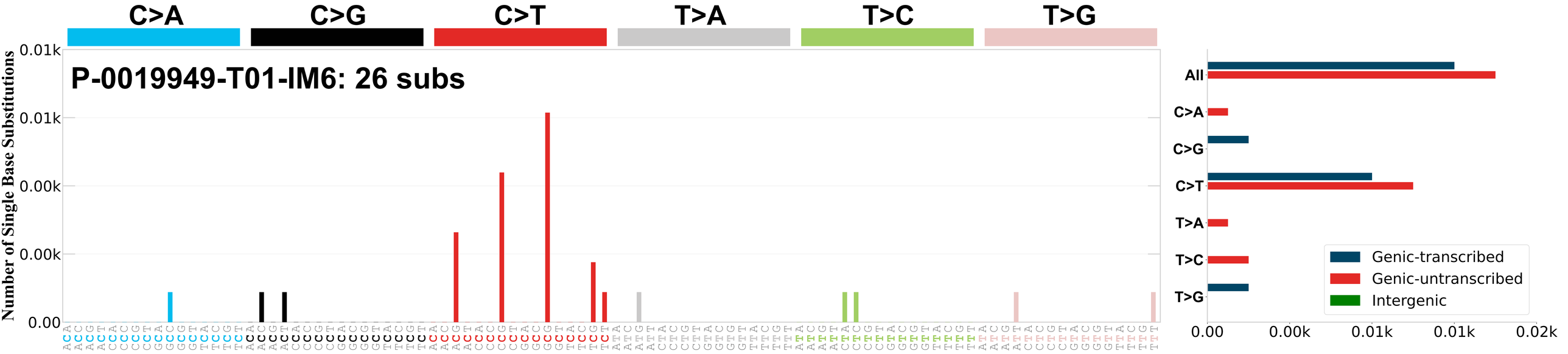

C>A
C>G
C>T
T>A
T>C
T>G
P-0019183-T01-IM6: 8 subs
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00
Genic-transcribed
Genic-untranscribed
Intergenic
All
C>A
C>G
C>T
T>A
T>C
T>G
0.00
0.00k
0.00k
0.01k
0.01k

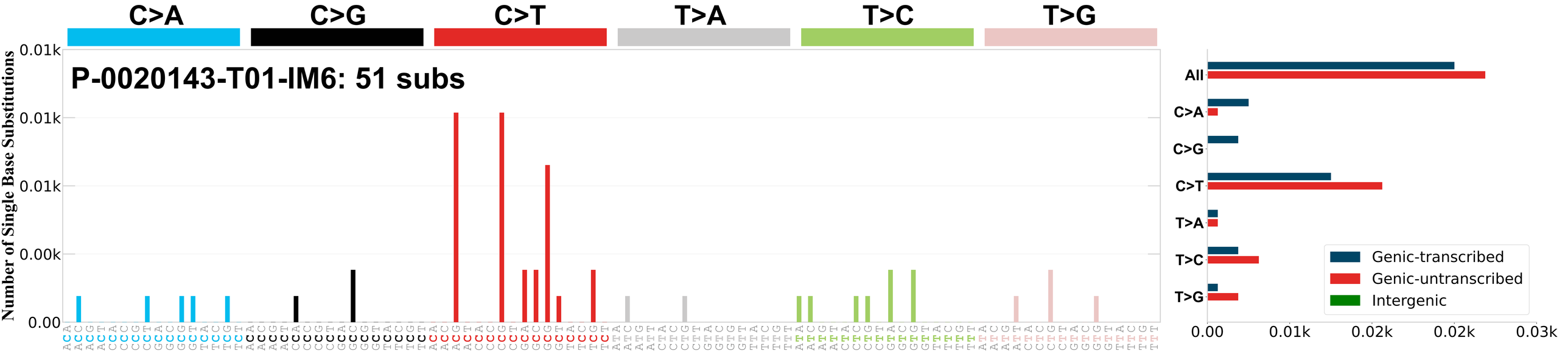

C>A
C>G
C>T
T>A
T>C
T>G
P-0019428-T01-IM6: 36 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

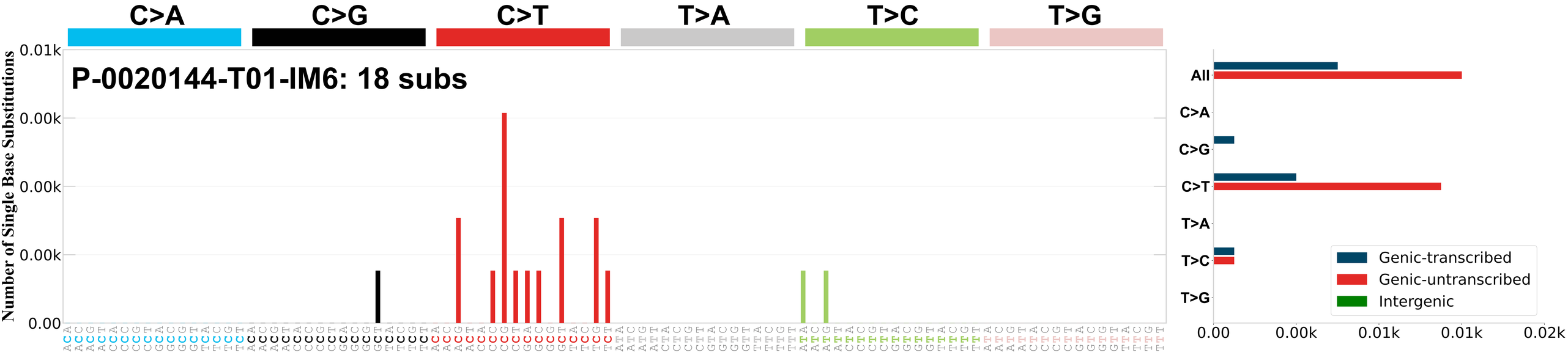

C>A
C>G
C>T
T>A
T>C
T>G
P-0019464-T01-IM6: 96 subs
Number of Single Base Substitutions
0.02k
0.02k
0.01k
0.01k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.03k
0.04k
0.06k

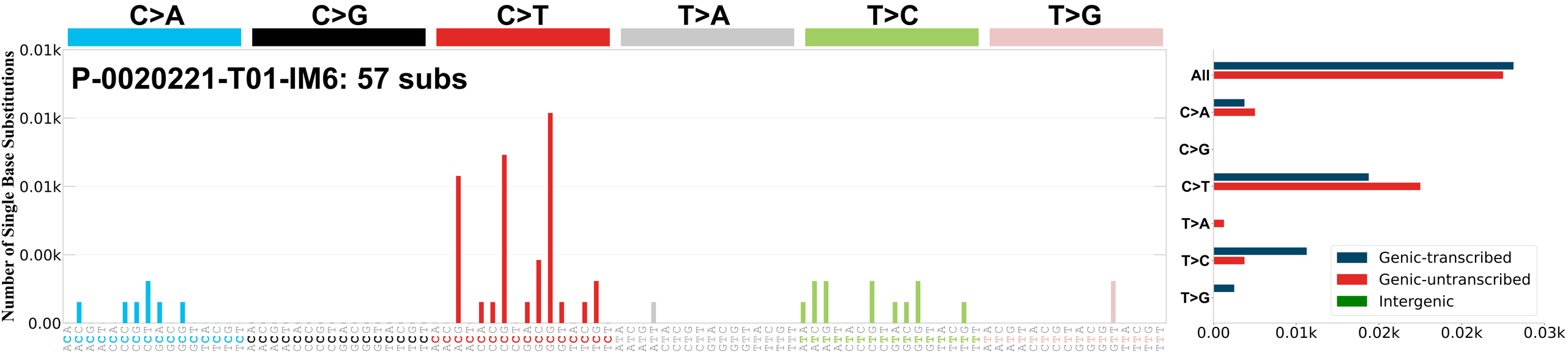

C>A
C>G
C>T
T>A
T>C
T>G
P-0019475-T01-IM6: 67 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

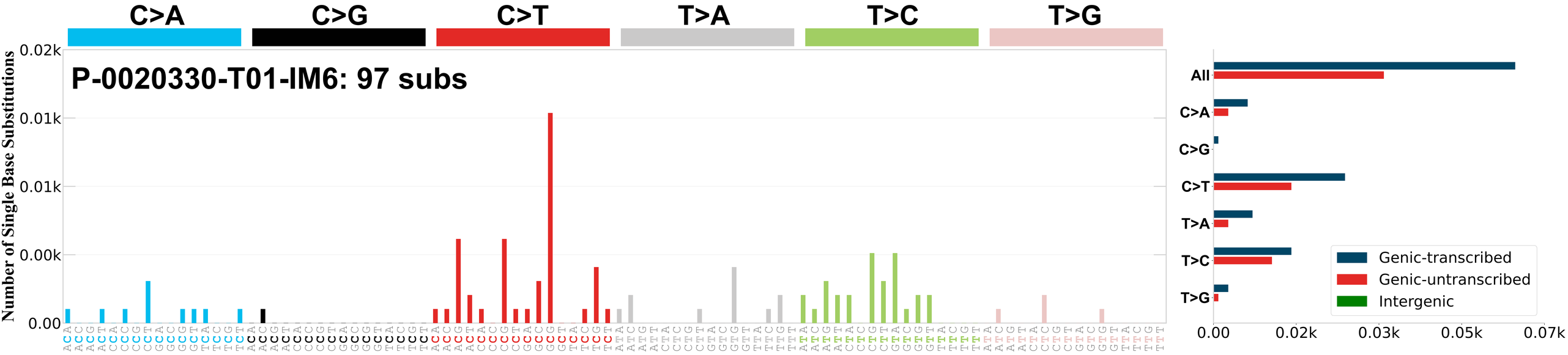

C>A
C>G
C>T
T>A
T>C
T>G
P-0019846-T01-IM6: 33 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

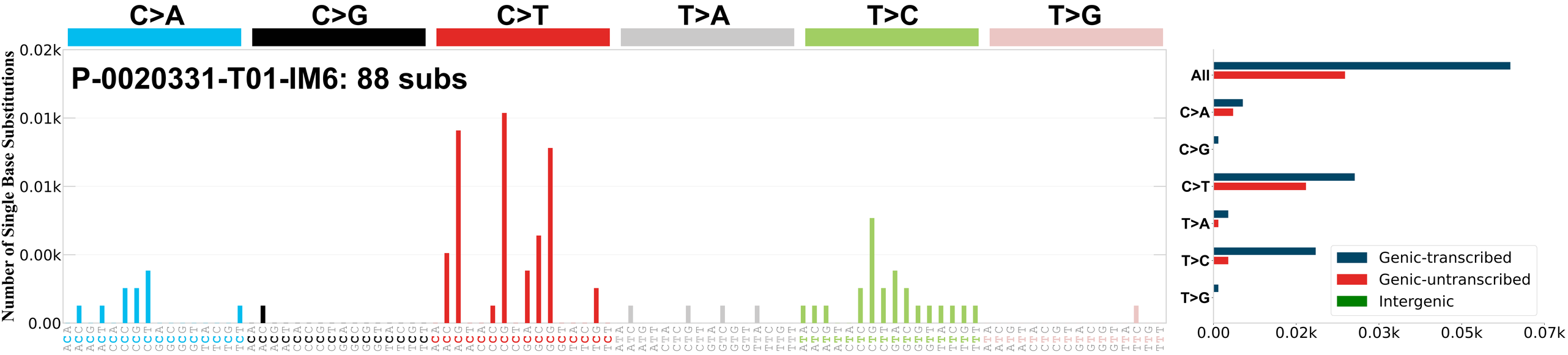

C>A
C>G
C>T
T>A
T>C
T>G
P-0019949-T01-IM6: 26 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.02k

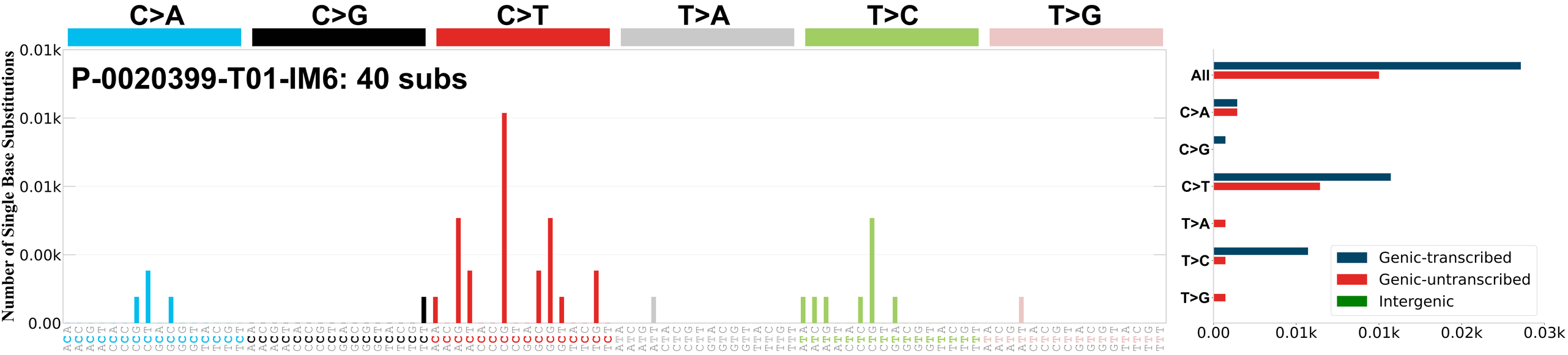

C>A
C>G
C>T
T>A
T>C
T>G
P-0020143-T01-IM6: 51 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.02k
0.03k

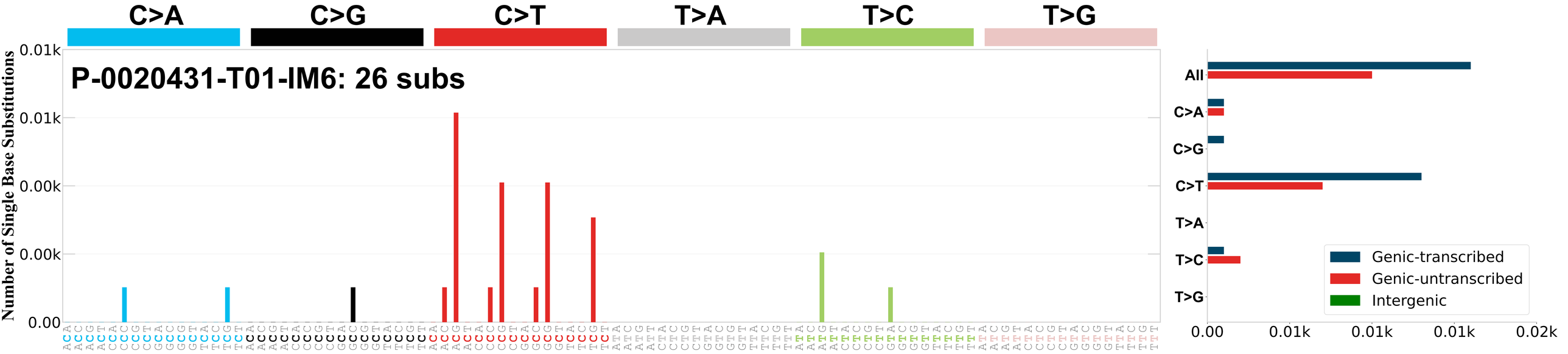

C>A
C>G
C>T
T>A
T>C
T>G
P-0020144-T01-IM6: 18 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.02k

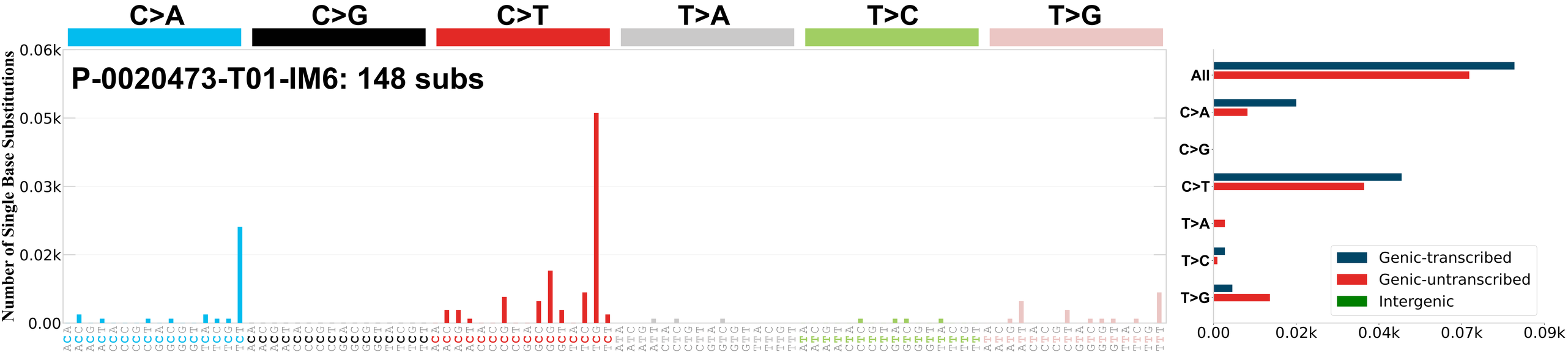

C>A
C>G
C>T
T>A
T>C
T>G
P-0020221-T01-IM6: 57 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.02k
0.03k

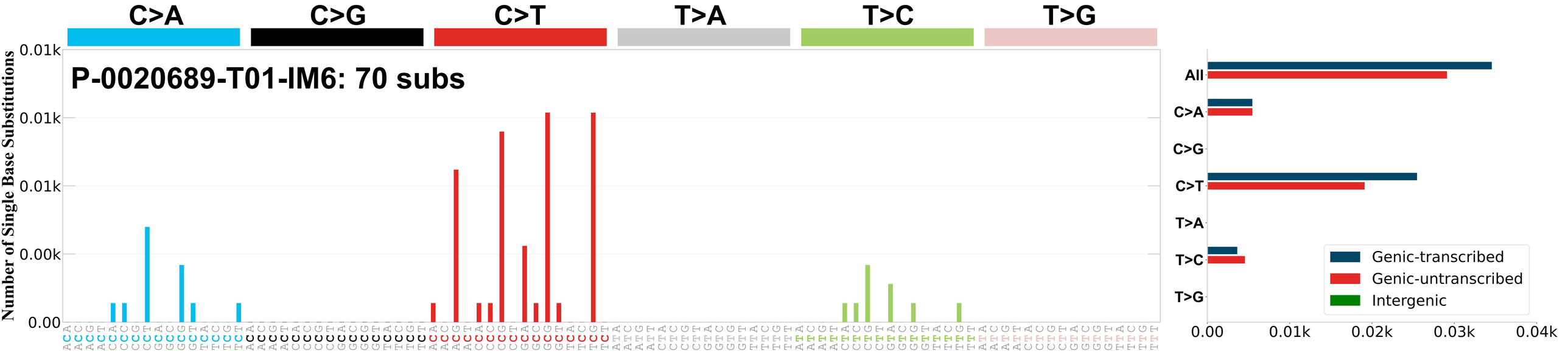

C>A
C>G
C>T
T>A
T>C
T>G
P-0020330-T01-IM6: 97 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.02k
0.03k
0.05k
0.07k

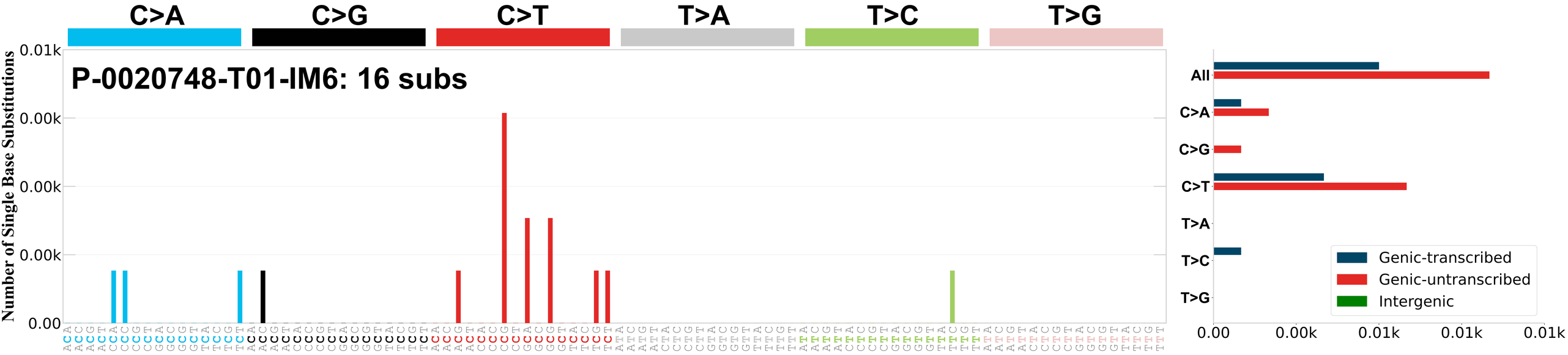

C>A
C>G
C>T
T>A
T>C
T>G
P-0020331-T01-IM6: 88 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.02k
0.03k
0.05k
0.07k

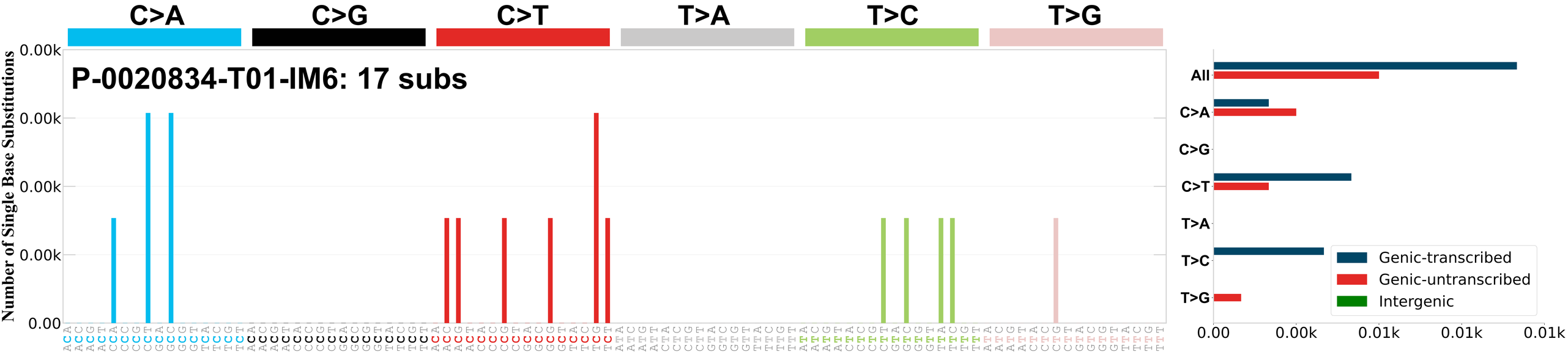

C>A
C>G
C>T
T>A
T>C
T>G
P-0020399-T01-IM6: 40 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

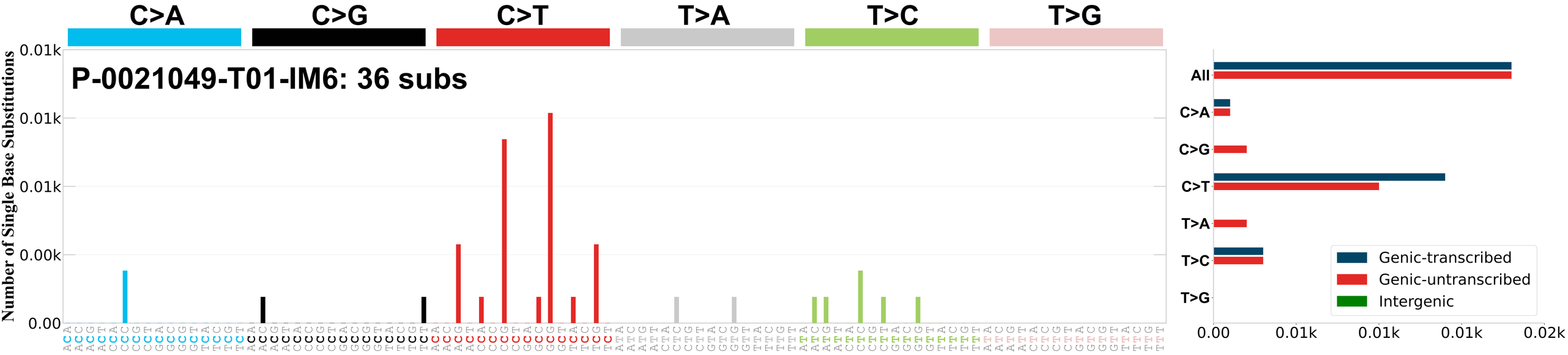

C>A
C>G
C>T
T>A
T>C
T>G
P-0020431-T01-IM6: 26 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.01k
0.02k

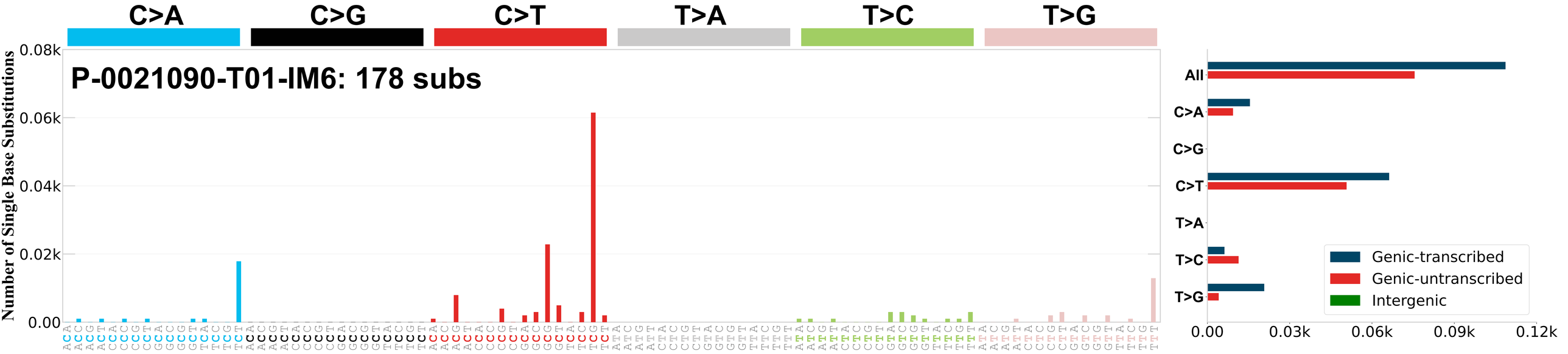

C>A
C>G
C>T
T>A
T>C
T>G
P-0020473-T01-IM6: 148 subs
Number of Single Base Substitutions
0.06k
0.05k
0.03k
0.02k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.02k
0.04k
0.07k
0.09k

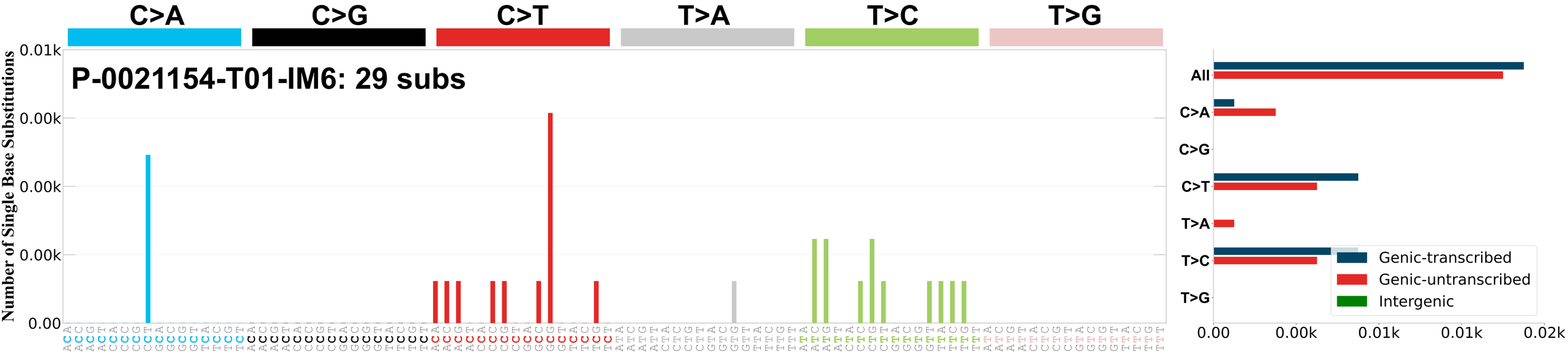

C>A
C>G
C>T
T>A
T>C
T>G
P-0020689-T01-IM6: 70 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

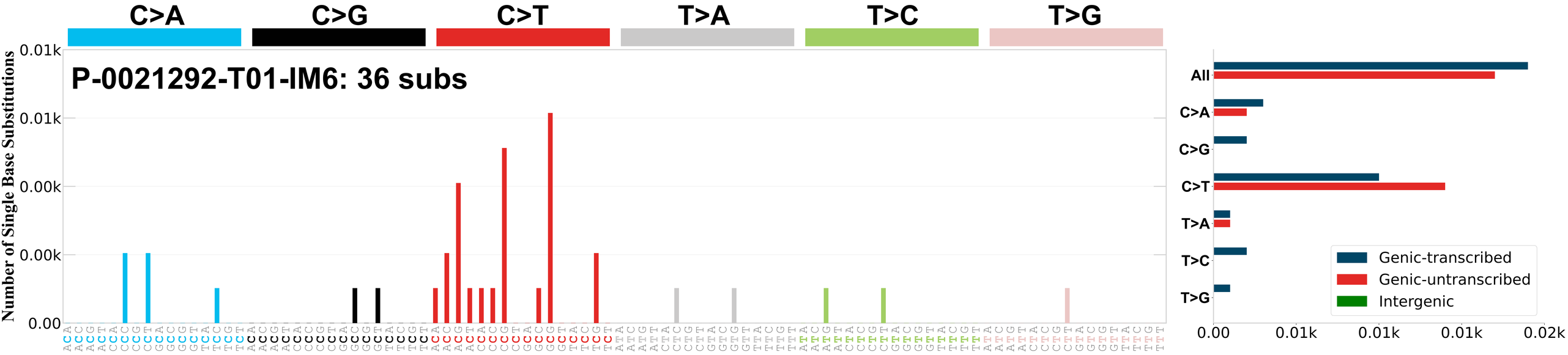

C>A
C>G
C>T
T>A
T>C
T>G
P-0020748-T01-IM6: 16 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.01k

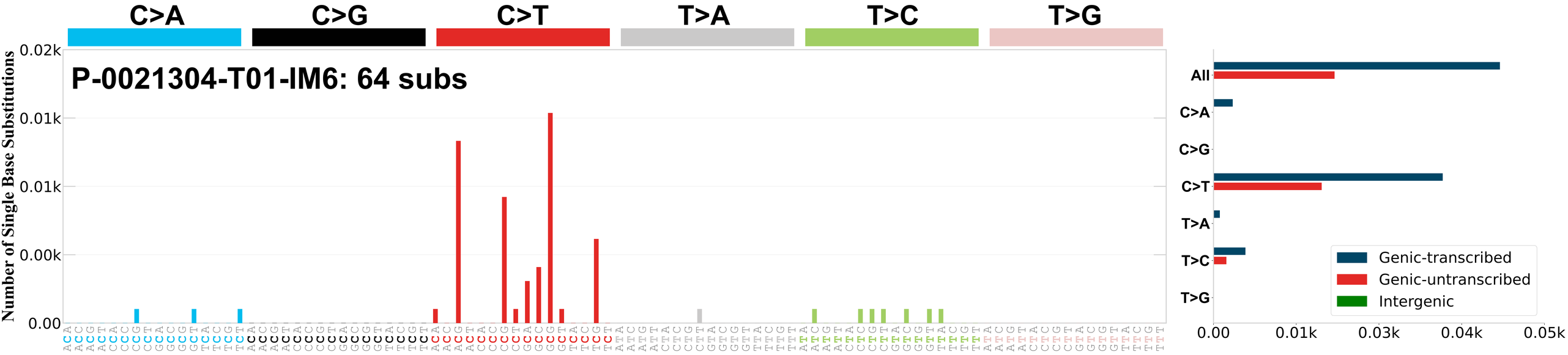

C>A
C>G
C>T
T>A
T>C
T>G
P-0020834-T01-IM6: 17 subs
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.01k

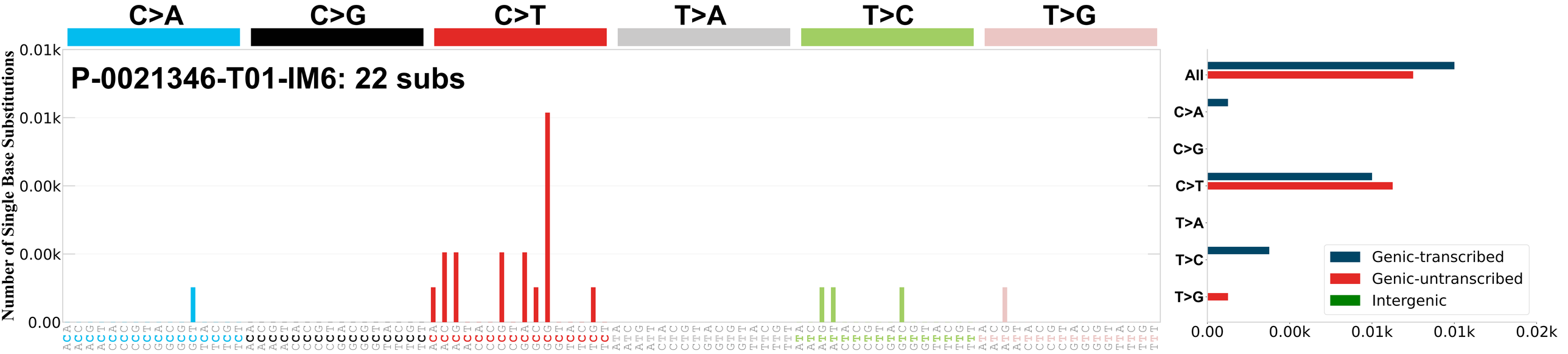

C>A
C>G
C>T
T>A
T>C
T>G
P-0021049-T01-IM6: 36 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.01k
0.02k

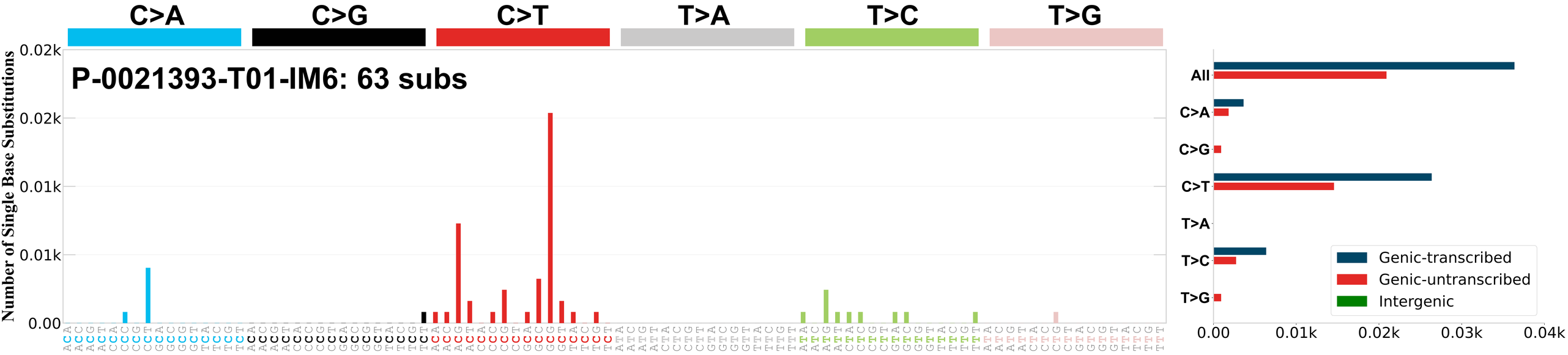

C>A
C>G
C>T
T>A
T>C
T>G
P-0021090-T01-IM6: 178 subs
Number of Single Base Substitutions
0.08k
0.06k
0.04k
0.02k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.03k
0.06k
0.09k
0.12k

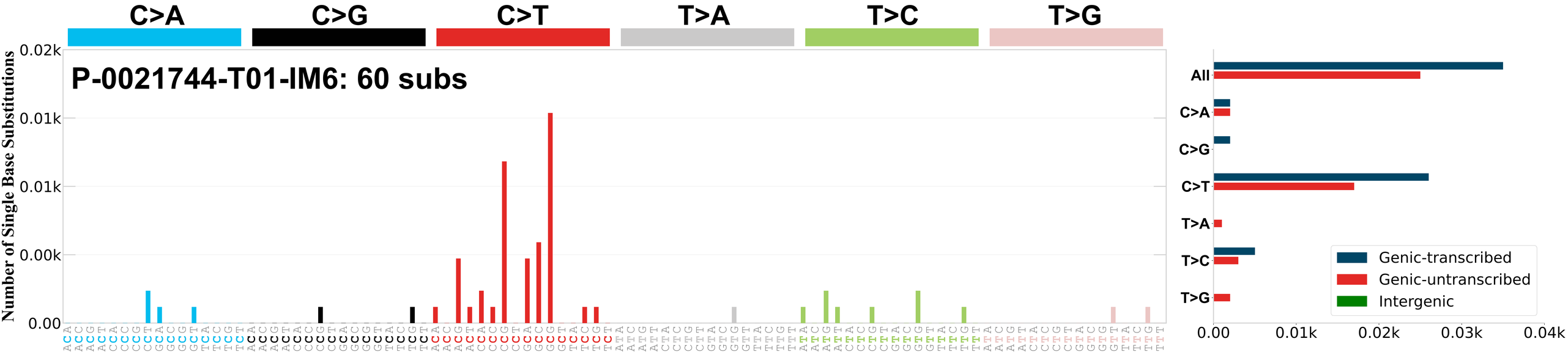

C>A
C>G
C>T
T>A
T>C
T>G
P-0021154-T01-IM6: 29 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.02k

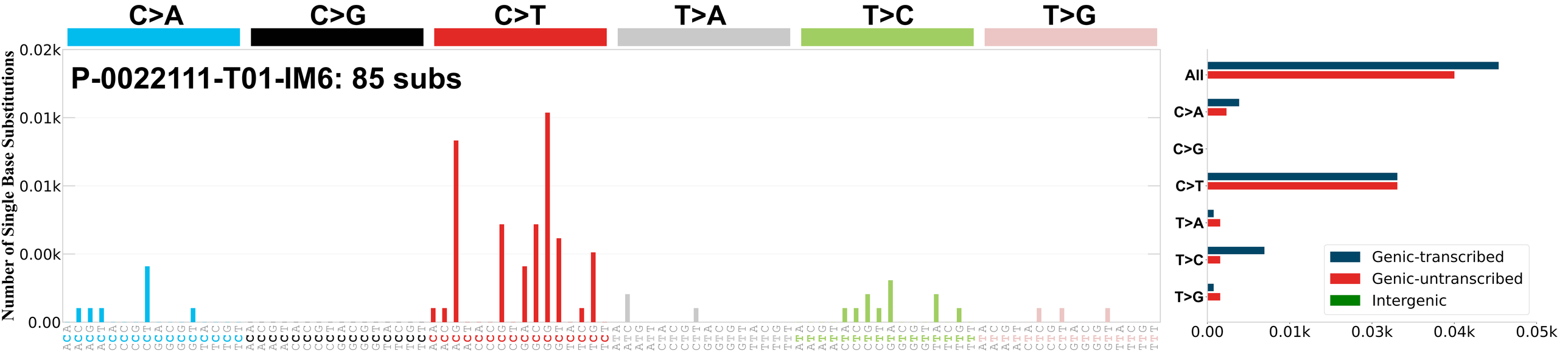

C>A
C>G
C>T
T>A
T>C
T>G
P-0021292-T01-IM6: 36 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.01k
0.02k

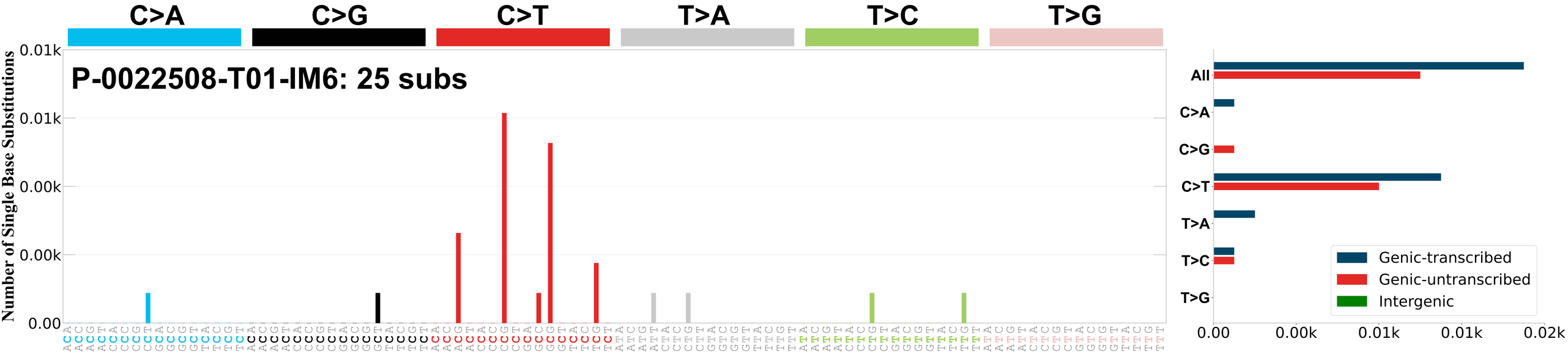

C>A
C>G
C>T
T>A
T>C
T>G
P-0021304-T01-IM6: 64 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.03k
0.04k
0.05k

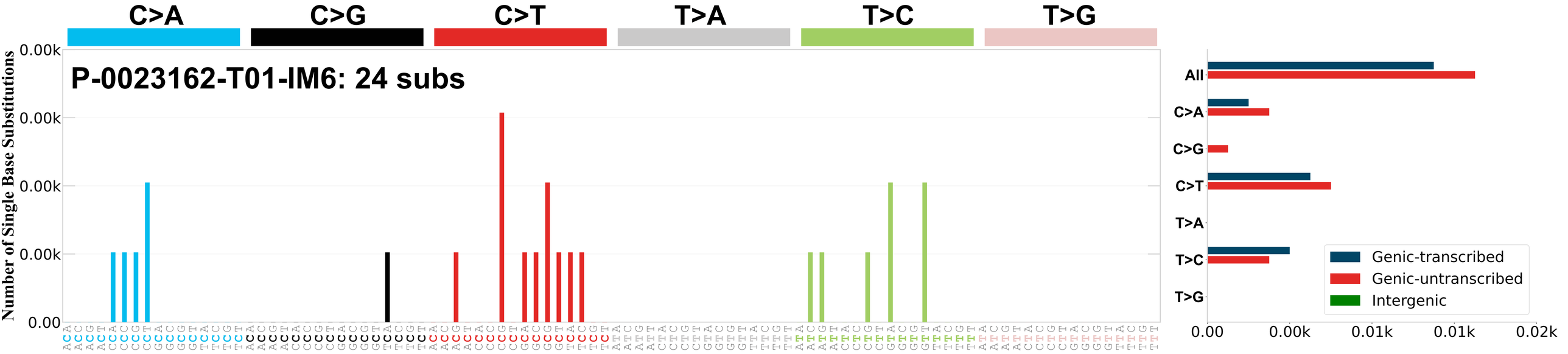

C>A
C>G
C>T
T>A
T>C
T>G
P-0021346-T01-IM6: 22 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.02k

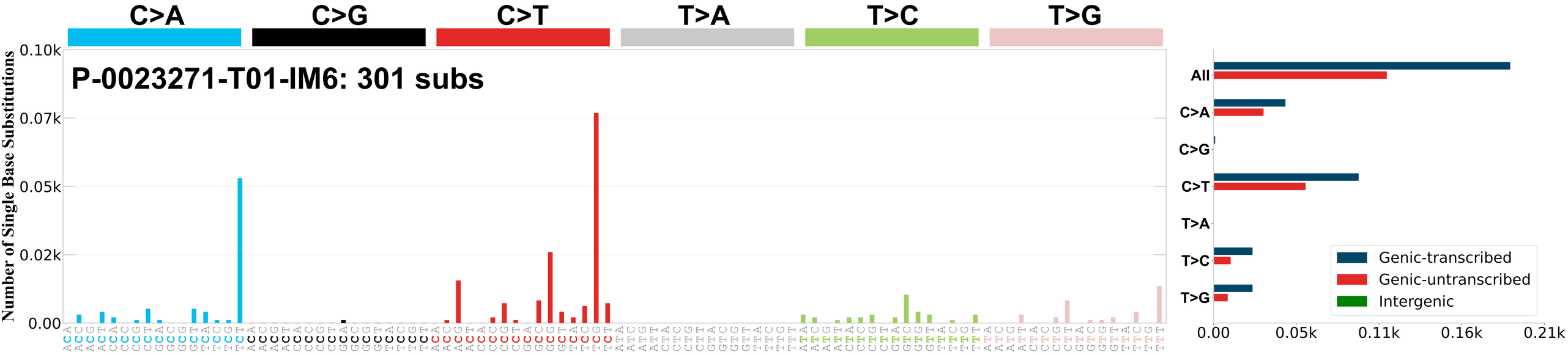

C>A
C>G
C>T
T>A
T>C
T>G
P-0021393-T01-IM6: 63 subs
Number of Single Base Substitutions
0.02k
0.02k
0.01k
0.01k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

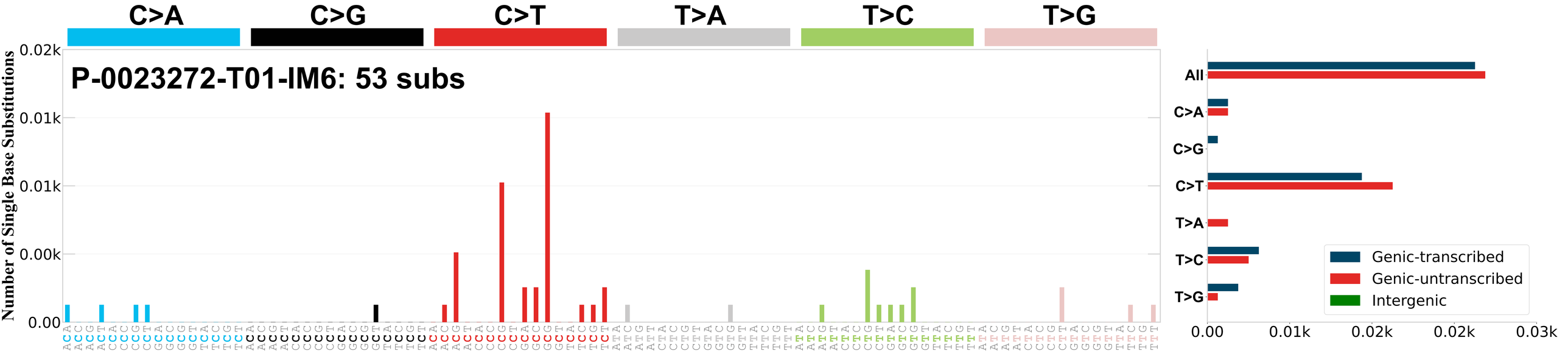

C>A
C>G
C>T
T>A
T>C
T>G
P-0021744-T01-IM6: 60 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

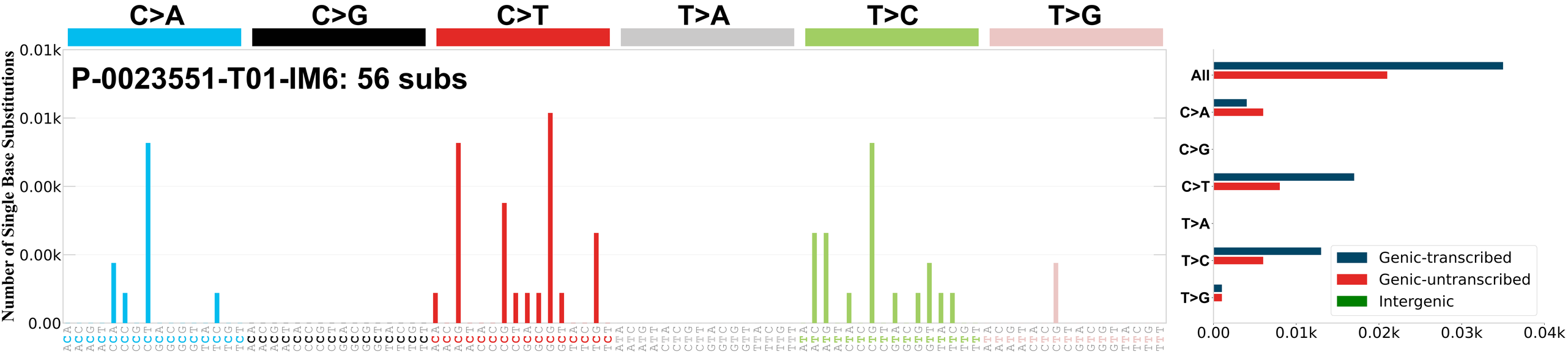

C>A
C>G
C>T
T>A
T>C
T>G
P-0022111-T01-IM6: 85 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.03k
0.04k
0.05k

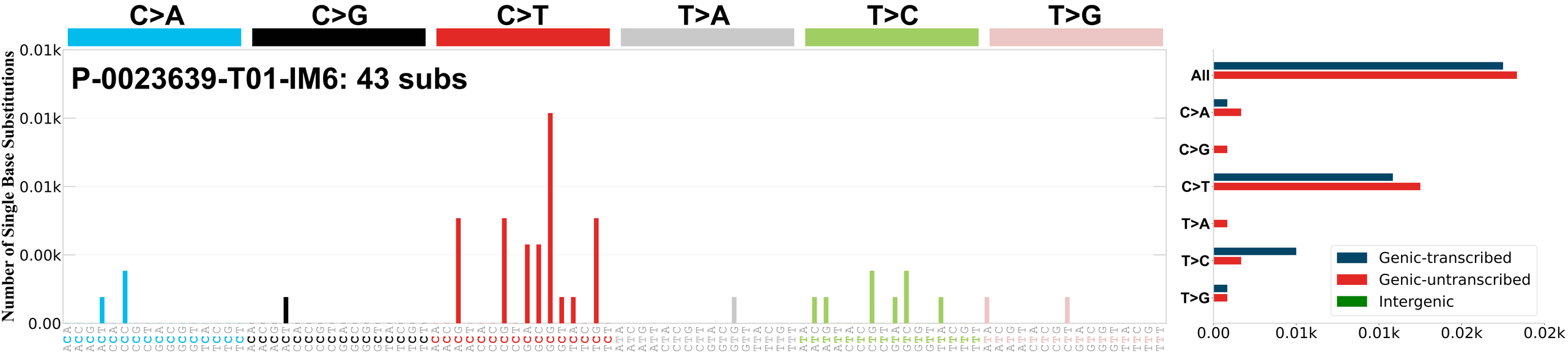

C>A
C>G
C>T
T>A
T>C
T>G
P-0022508-T01-IM6: 25 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.02k

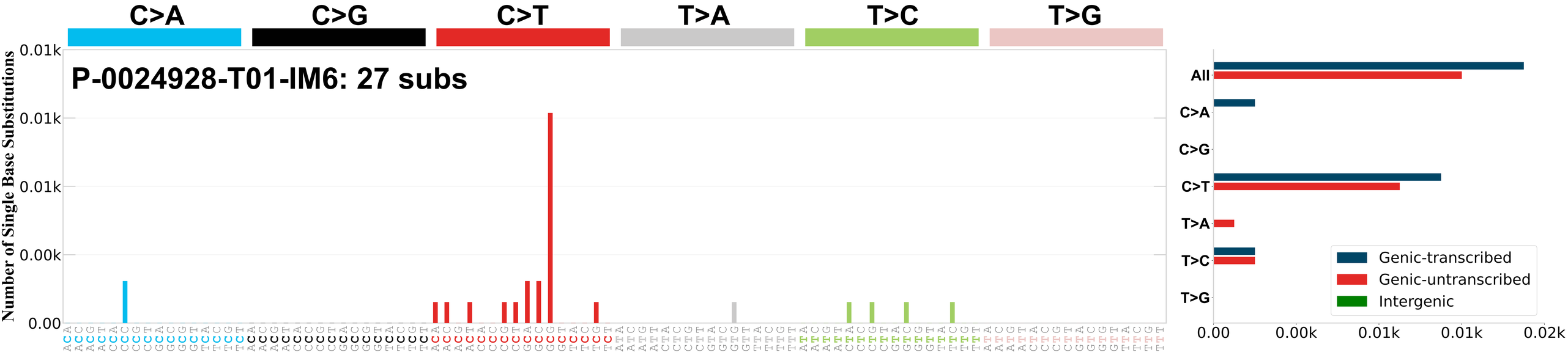

C>A
C>G
C>T
T>A
T>C
T>G
P-0023162-T01-IM6: 24 subs
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.02k

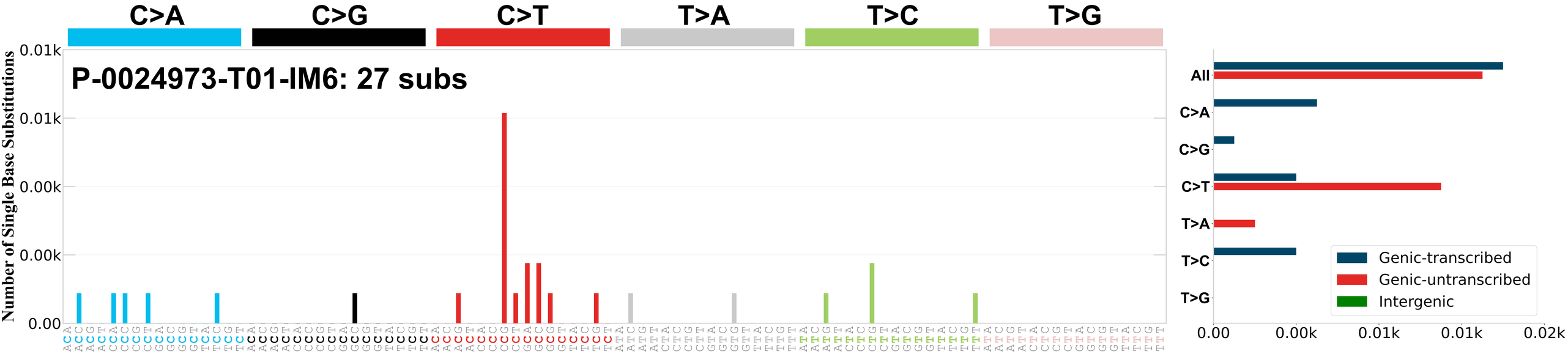

C>A
C>G
C>T
T>A
T>C
T>G
P-0023271-T01-IM6: 301 subs
Number of Single Base Substitutions
0.10k
0.07k
0.05k
0.02k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.05k
0.11k
0.16k
0.21k

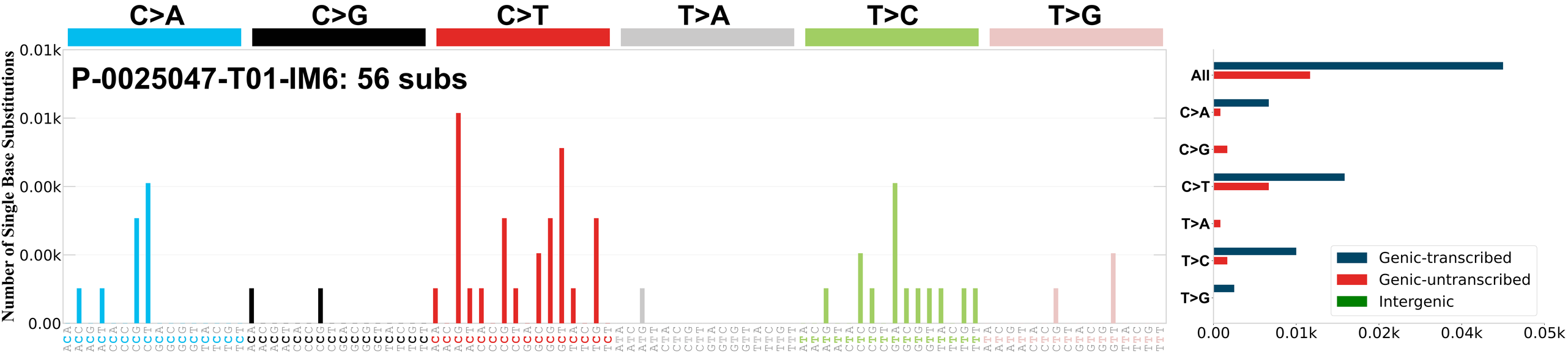

C>A
C>G
C>T
T>A
T>C
T>G
P-0023272-T01-IM6: 53 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.02k
0.03k

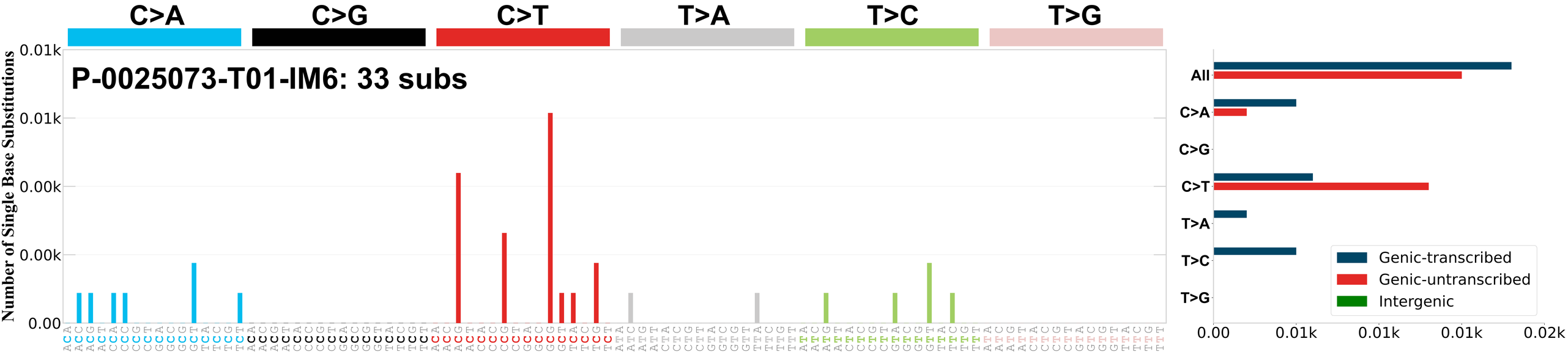

C>A
C>G
C>T
T>A
T>C
T>G
P-0023551-T01-IM6: 56 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

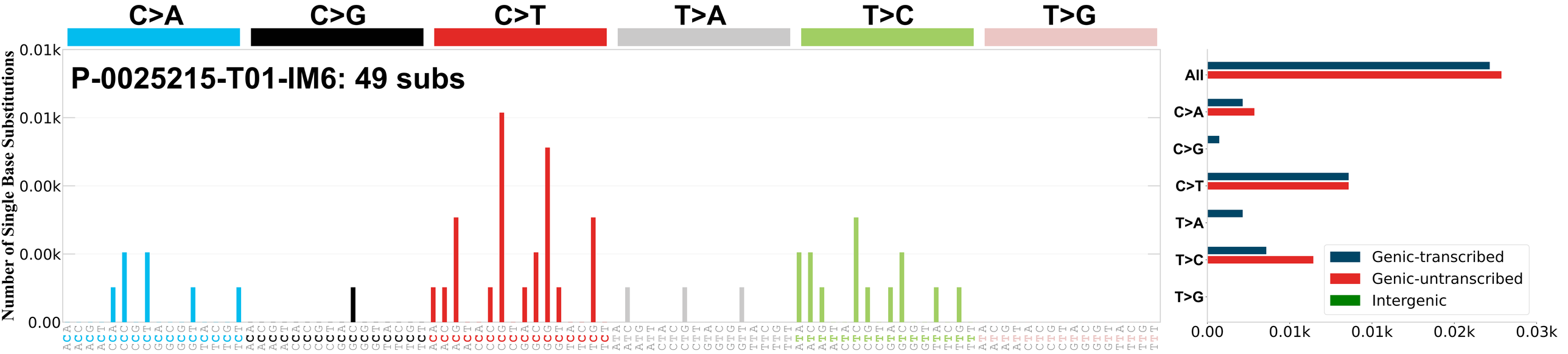

C>A
C>G
C>T
T>A
T>C
T>G
P-0023639-T01-IM6: 43 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

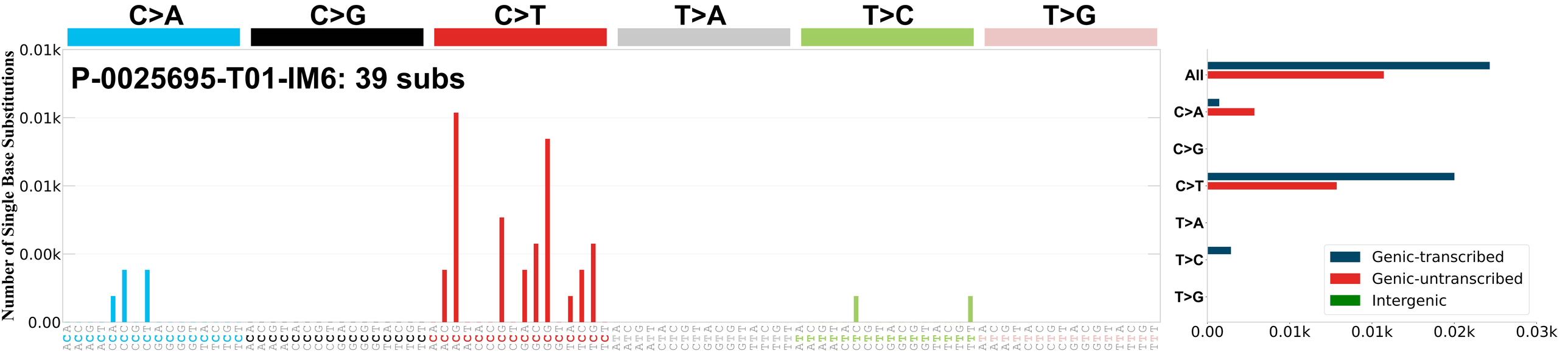

C>A
C>G
C>T
T>A
T>C
T>G
P-0024928-T01-IM6: 27 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.02k

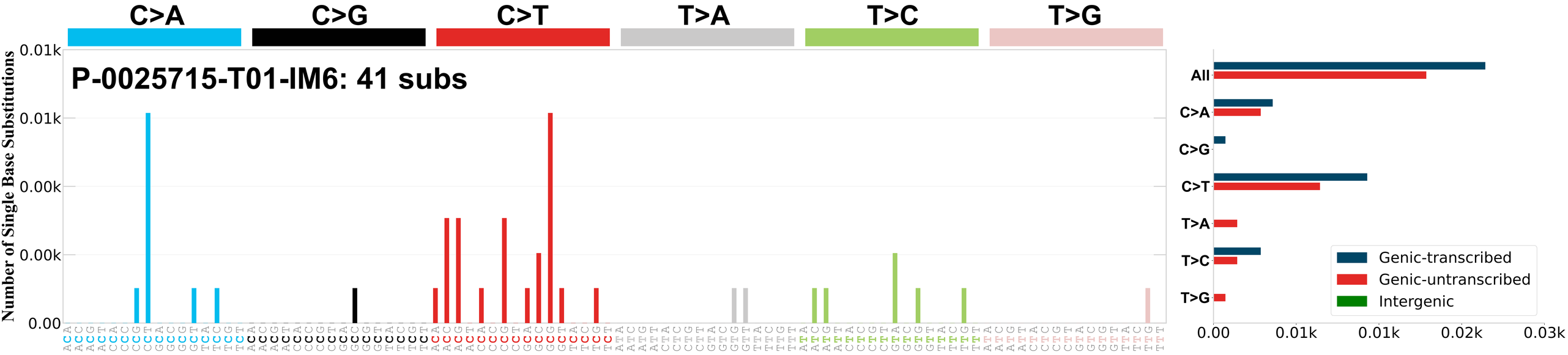

C>A
C>G
C>T
T>A
T>C
T>G
P-0024973-T01-IM6: 27 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.02k

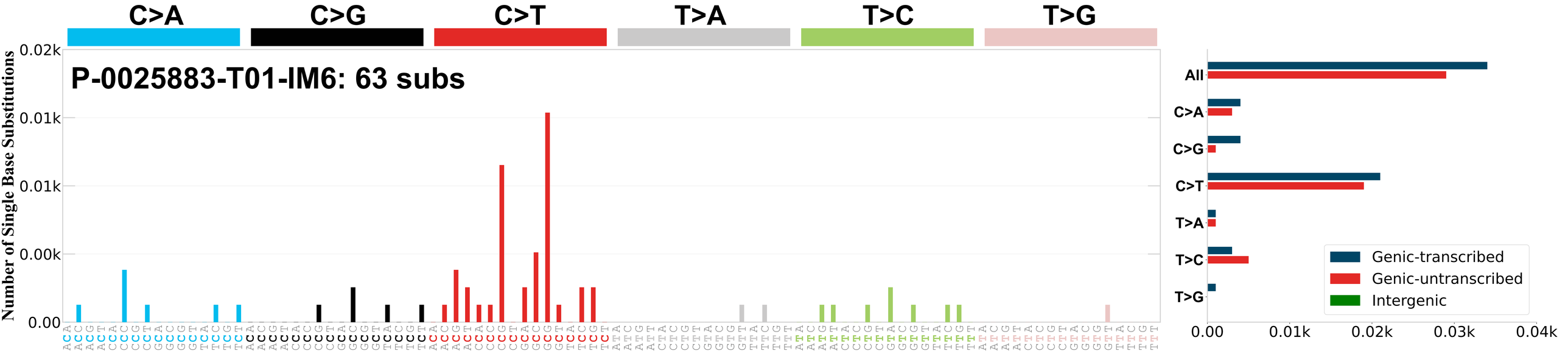

C>A
C>G
C>T
T>A
T>C
T>G
P-0025047-T01-IM6: 56 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.04k
0.05k

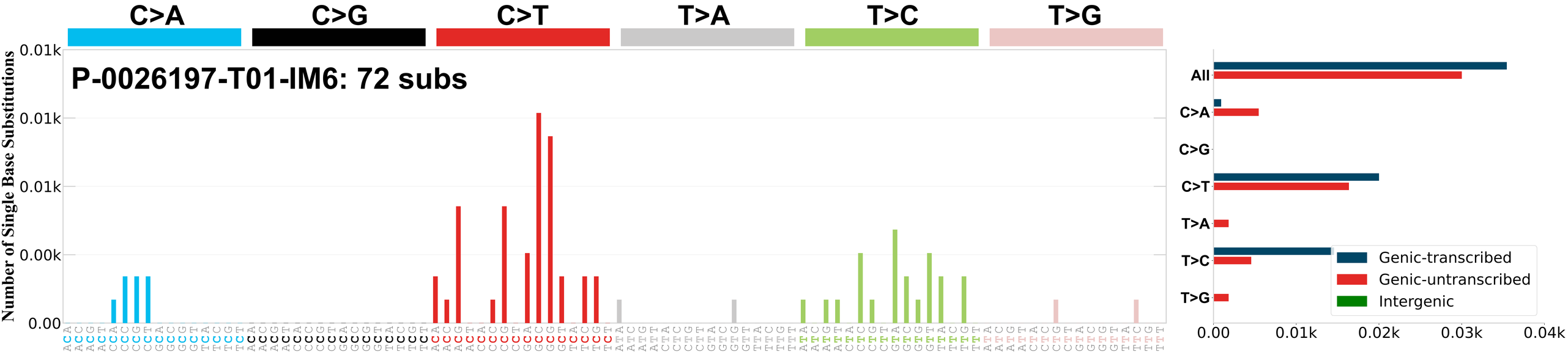

C>A
C>G
C>T
T>A
T>C
T>G
P-0025073-T01-IM6: 33 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.01k
0.02k

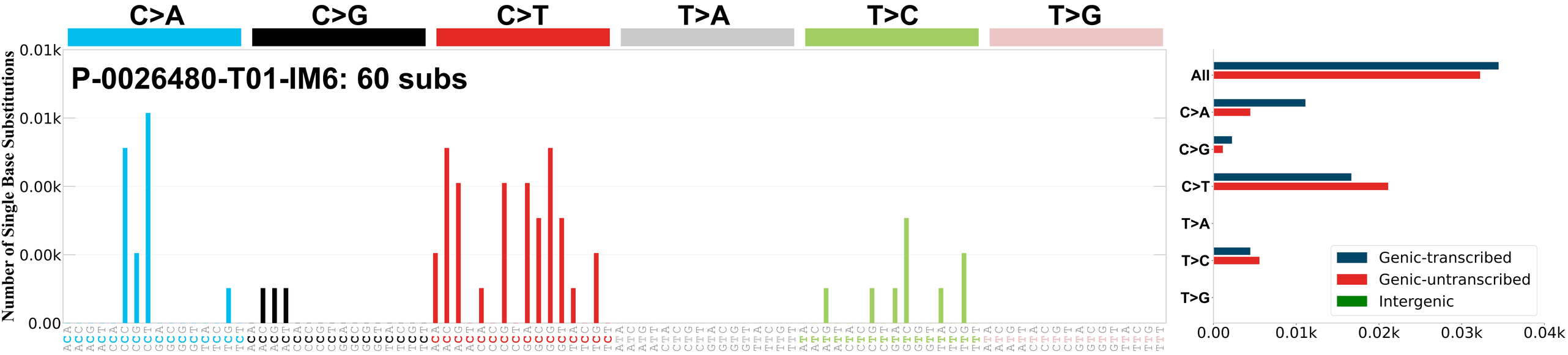

C>A
C>G
C>T
T>A
T>C
T>G
P-0025215-T01-IM6: 49 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

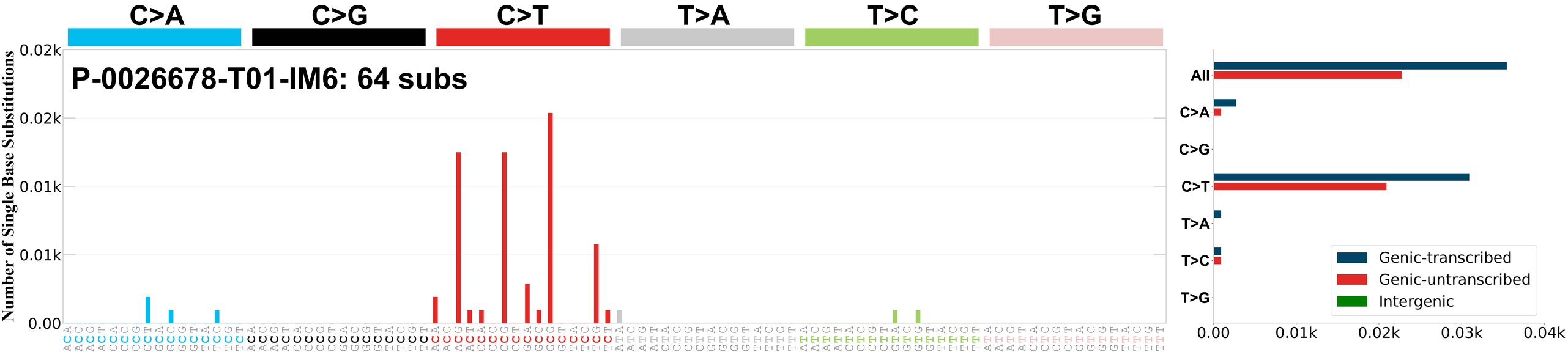

C>A
C>G
C>T
T>A
T>C
T>G
P-0025695-T01-IM6: 39 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

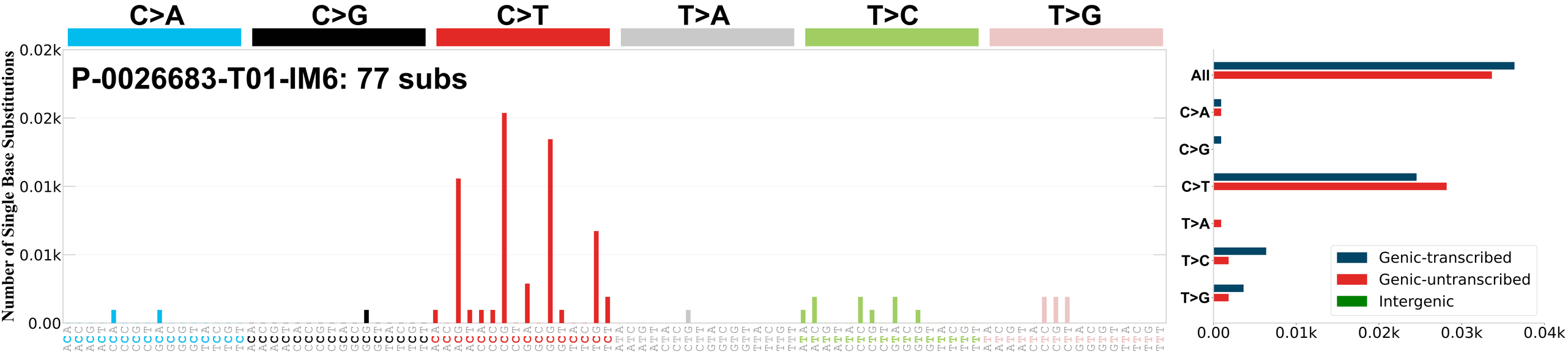

C>A
C>G
C>T
T>A
T>C
T>G
P-0025715-T01-IM6: 41 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

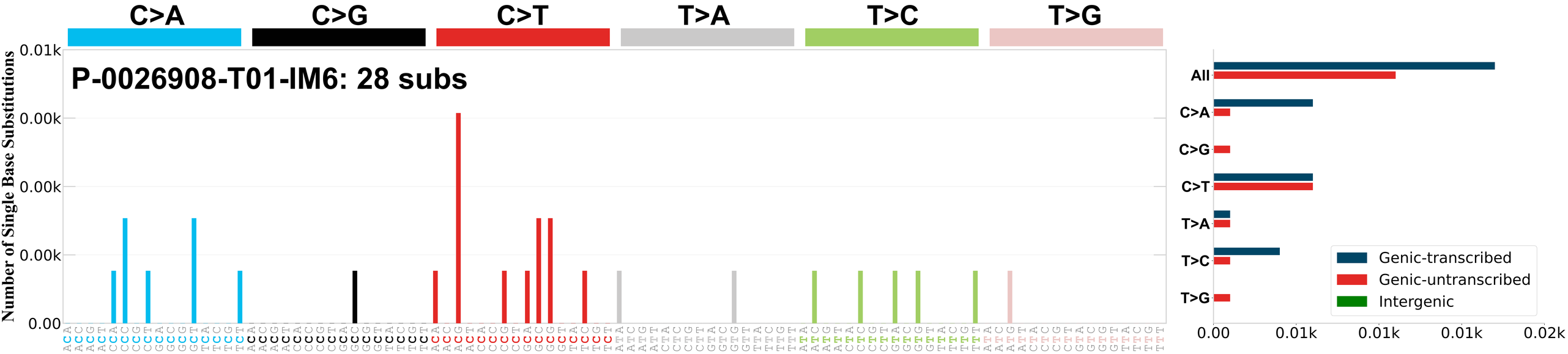

C>A
C>G
C>T
T>A
T>C
T>G
P-0025883-T01-IM6: 63 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

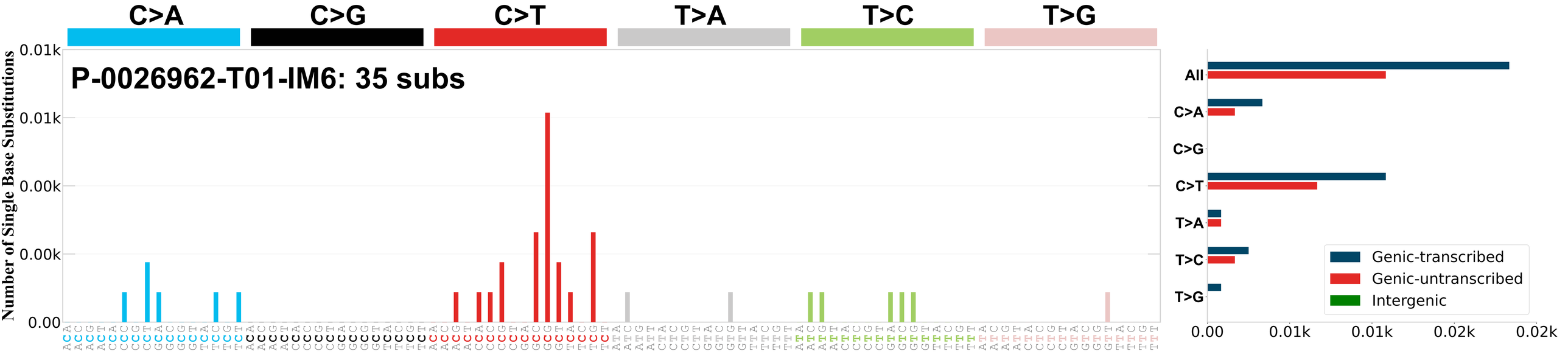

C>A
C>G
C>T
T>A
T>C
T>G
P-0026197-T01-IM6: 72 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

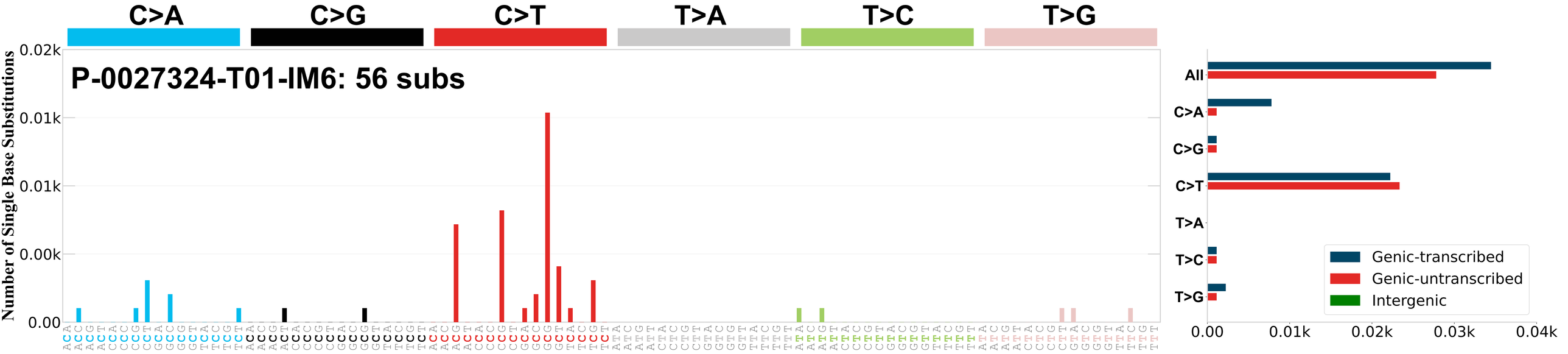

C>A
C>G
C>T
T>A
T>C
T>G
P-0026480-T01-IM6: 60 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

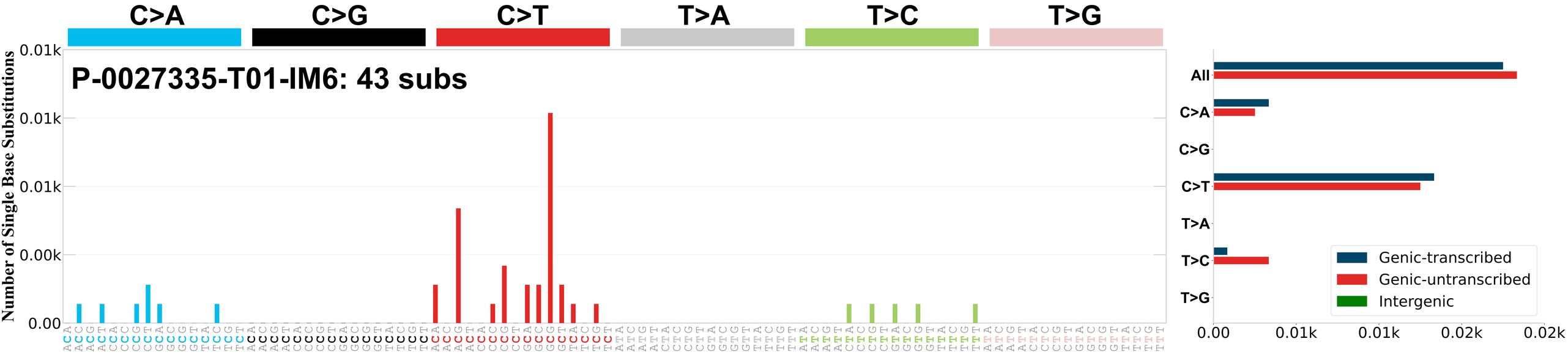

C>A
C>G
C>T
T>A
T>C
T>G
P-0026678-T01-IM6: 64 subs
Number of Single Base Substitutions
0.02k
0.02k
0.01k
0.01k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

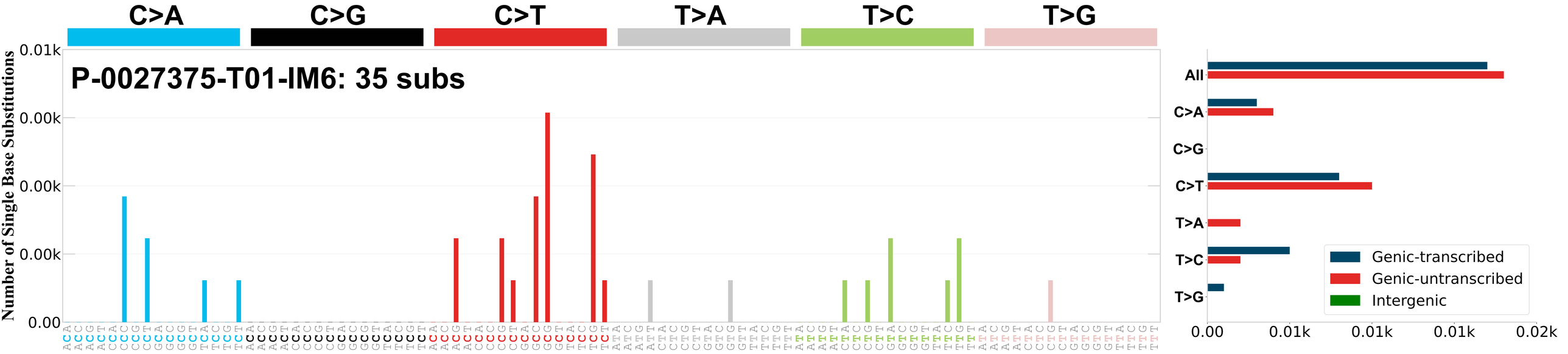

C>A
C>G
C>T
T>A
T>C
T>G
P-0026683-T01-IM6: 77 subs
Number of Single Base Substitutions
0.02k
0.02k
0.01k
0.01k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

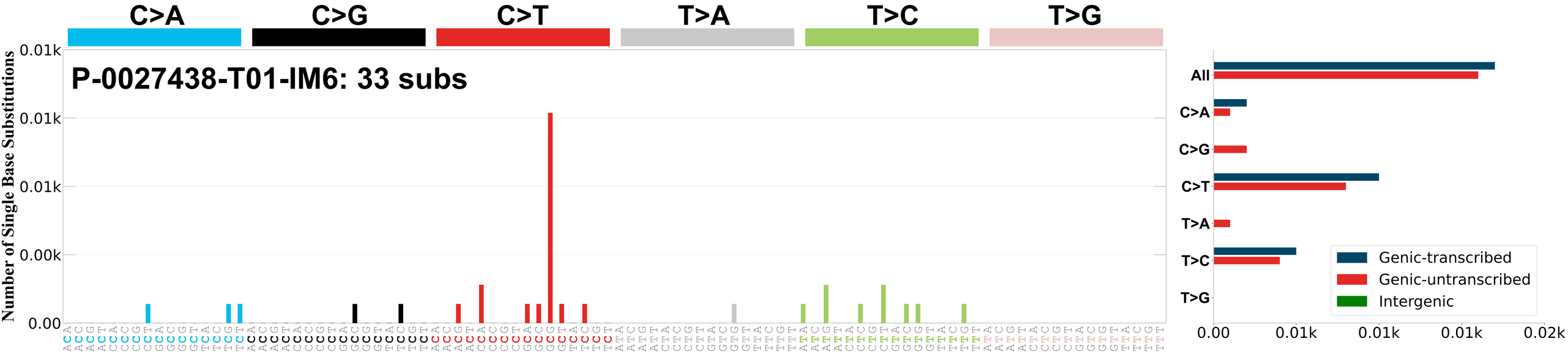

C>A
C>G
C>T
T>A
T>C
T>G
P-0026908-T01-IM6: 28 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.01k
0.02k

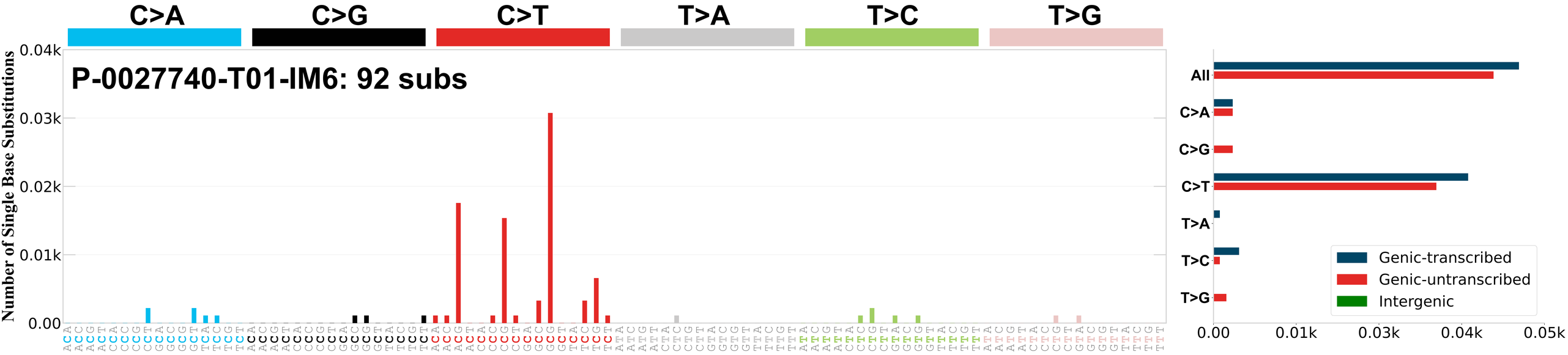

C>A
C>G
C>T
T>A
T>C
T>G
P-0026962-T01-IM6: 35 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

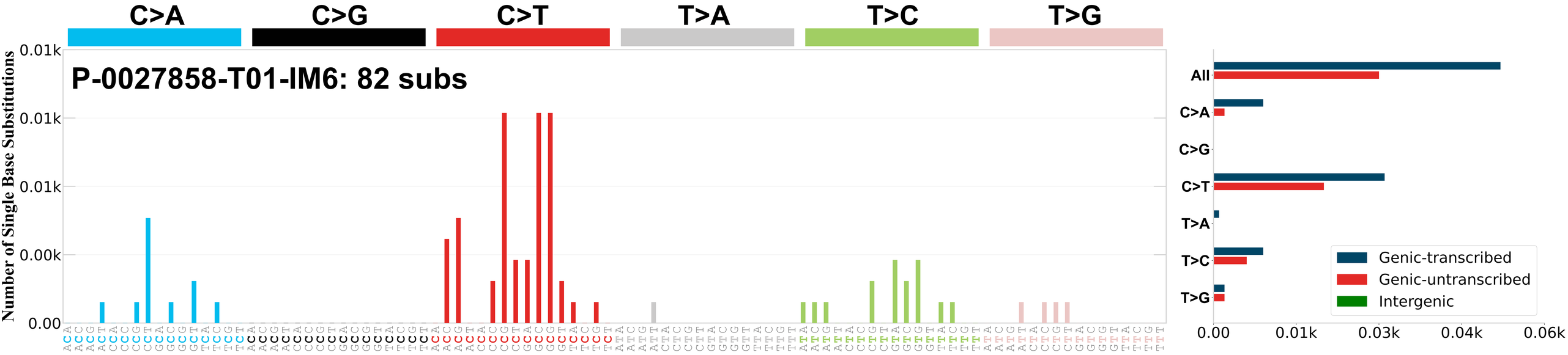

C>A
C>G
C>T
T>A
T>C
T>G
P-0027324-T01-IM6: 56 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

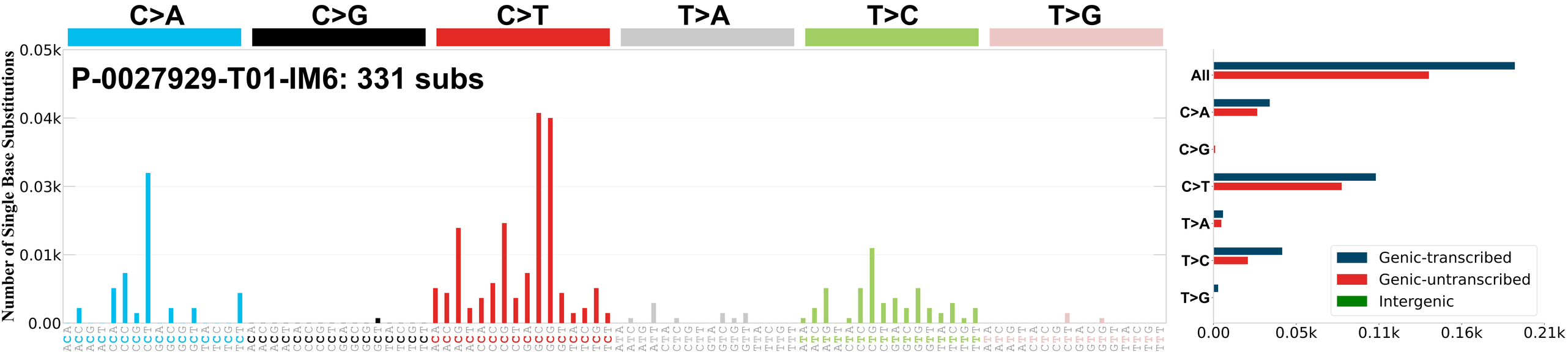

C>A
C>G
C>T
T>A
T>C
T>G
P-0027335-T01-IM6: 43 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

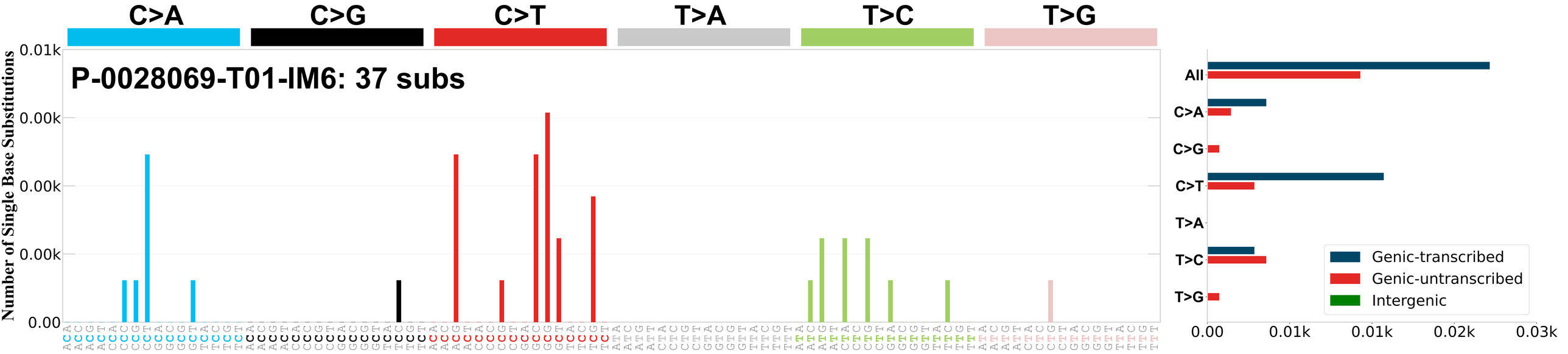

C>A
C>G
C>T
T>A
T>C
T>G
P-0027375-T01-IM6: 35 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.01k
0.02k

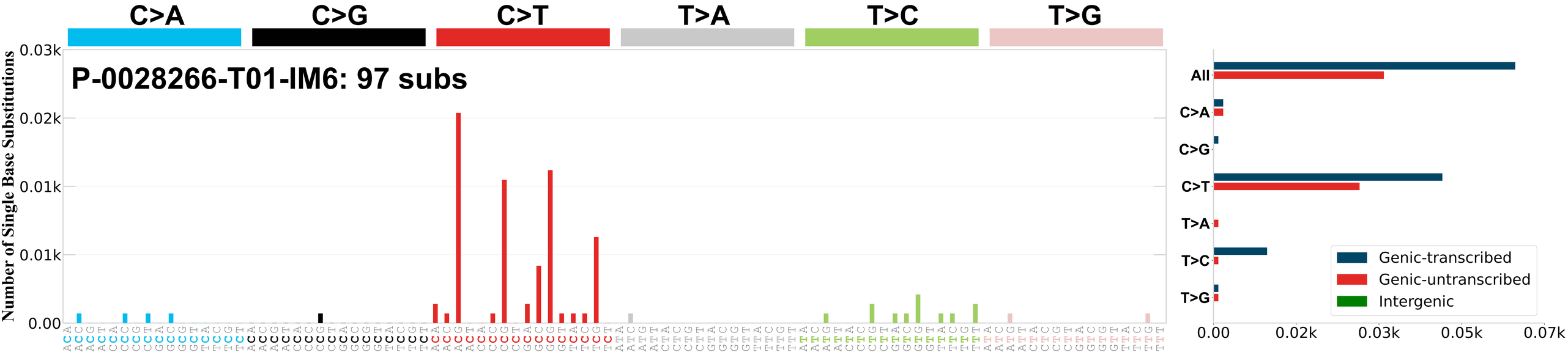

C>A
C>G
C>T
T>A
T>C
T>G
P-0027438-T01-IM6: 33 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.01k
0.02k

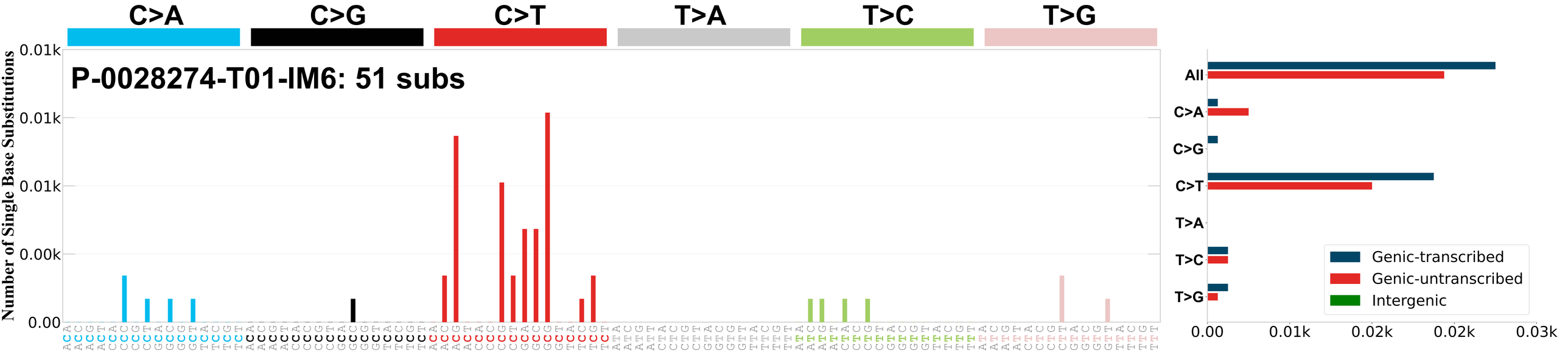

C>A
C>G
C>T
T>A
T>C
T>G
P-0027740-T01-IM6: 92 subs
Number of Single Base Substitutions
0.04k
0.03k
0.02k
0.01k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.03k
0.04k
0.05k

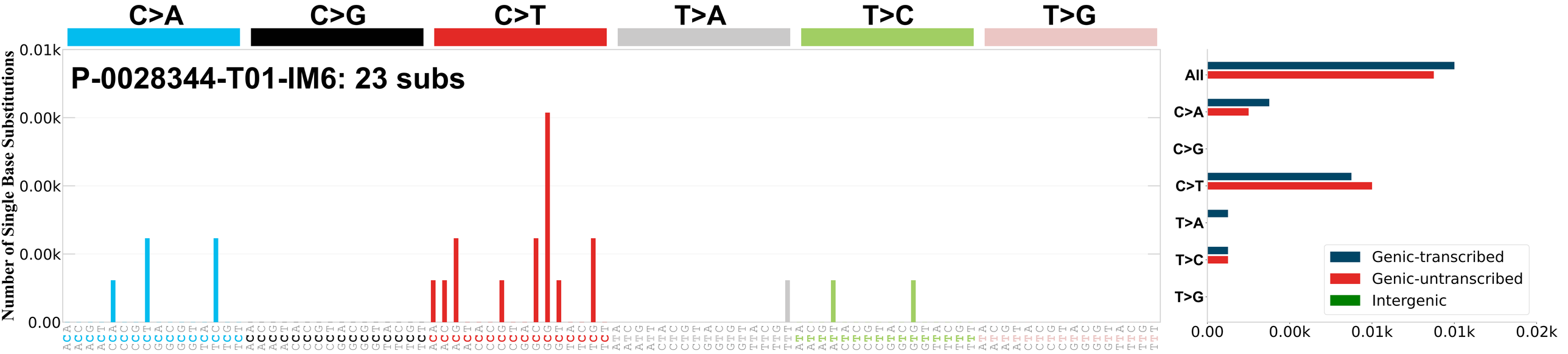

C>A
C>G
C>T
T>A
T>C
T>G
P-0027858-T01-IM6: 82 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.03k
0.04k
0.06k

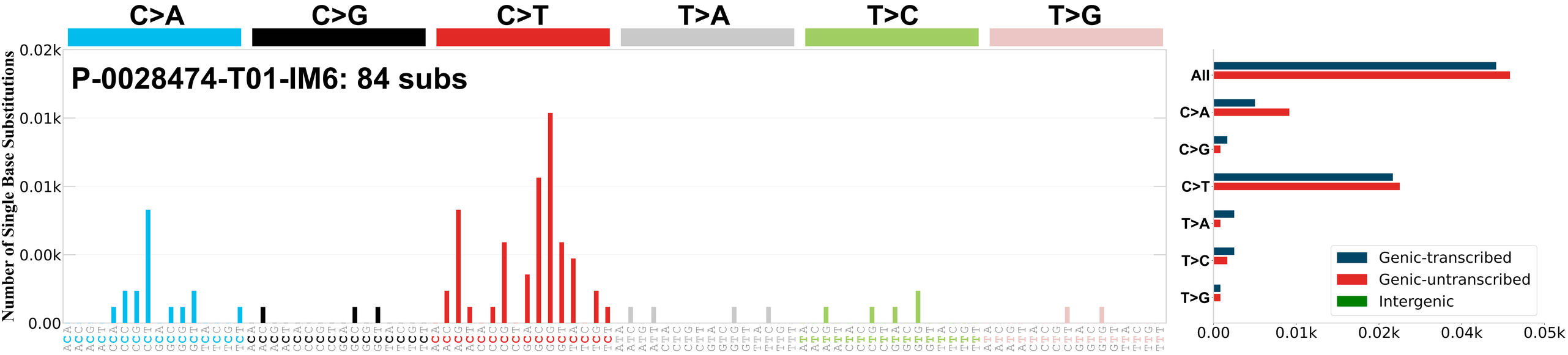

C>A
C>G
C>T
T>A
T>C
T>G
P-0027929-T01-IM6: 331 subs
Number of Single Base Substitutions
0.05k
0.04k
0.03k
0.01k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.05k
0.11k
0.16k
0.21k

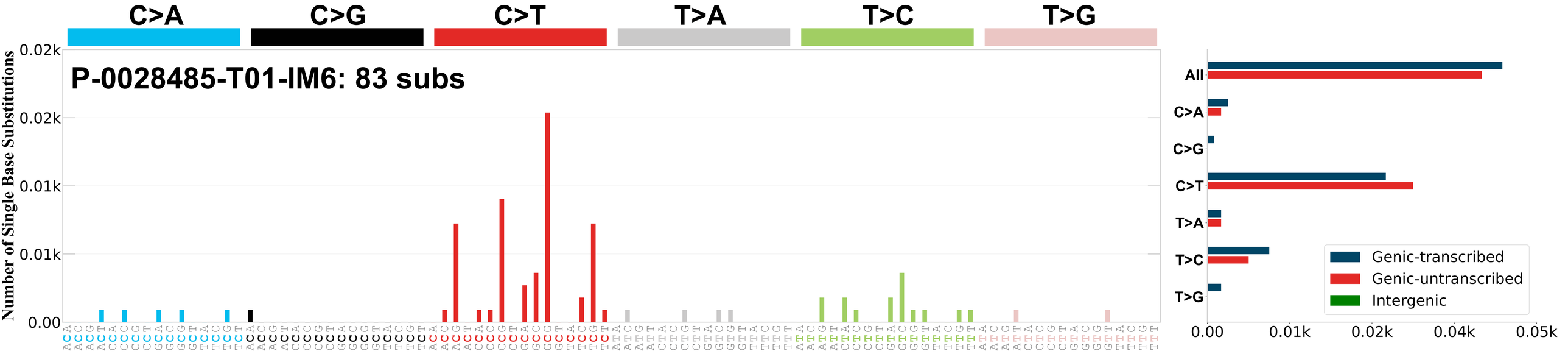

C>A
C>G
C>T
T>A
T>C
T>G
P-0028069-T01-IM6: 37 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

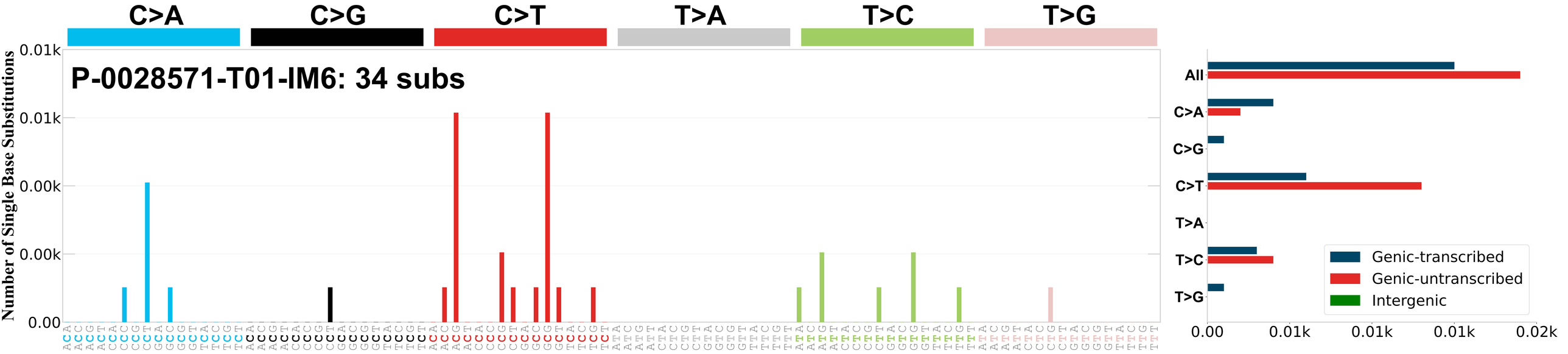

C>A
C>G
C>T
T>A
T>C
T>G
P-0028266-T01-IM6: 97 subs
Number of Single Base Substitutions
0.03k
0.02k
0.01k
0.01k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.02k
0.03k
0.05k
0.07k

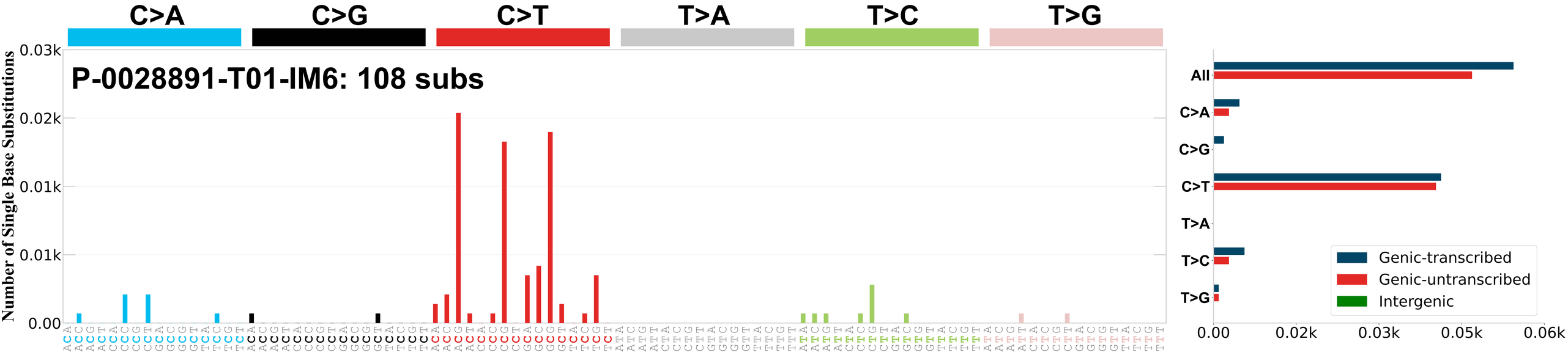

C>A
C>G
C>T
T>A
T>C
T>G
P-0028274-T01-IM6: 51 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.02k
0.03k

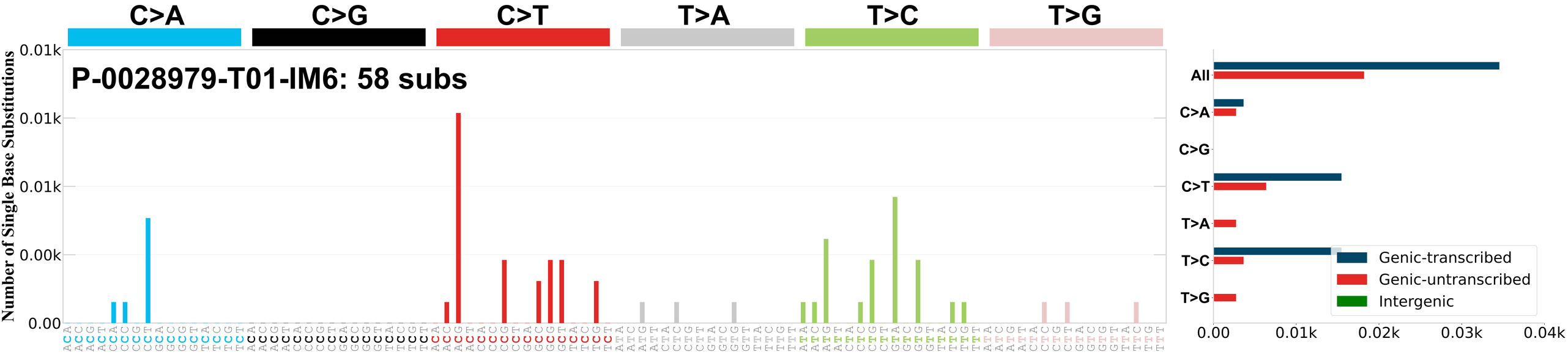

C>A
C>G
C>T
T>A
T>C
T>G
P-0028344-T01-IM6: 23 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.02k

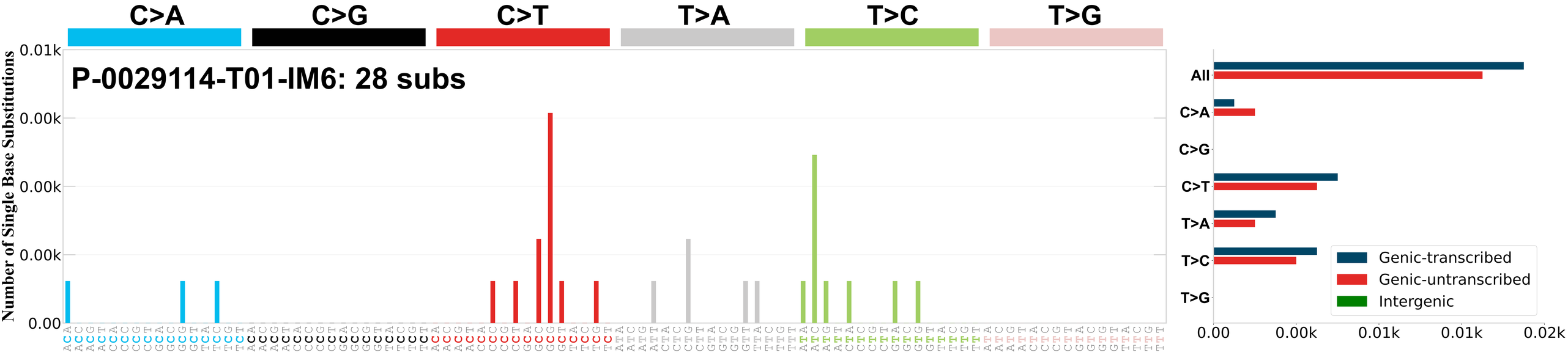

C>A
C>G
C>T
T>A
T>C
T>G
P-0028474-T01-IM6: 84 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.04k
0.05k

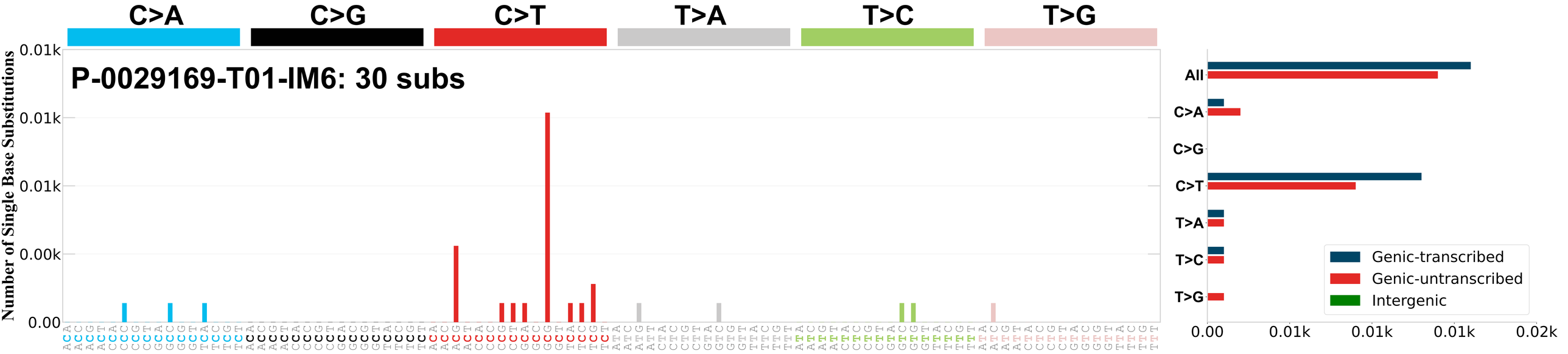

C>A
C>G
C>T
T>A
T>C
T>G
P-0028485-T01-IM6: 83 subs
Number of Single Base Substitutions
0.02k
0.02k
0.01k
0.01k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.04k
0.05k

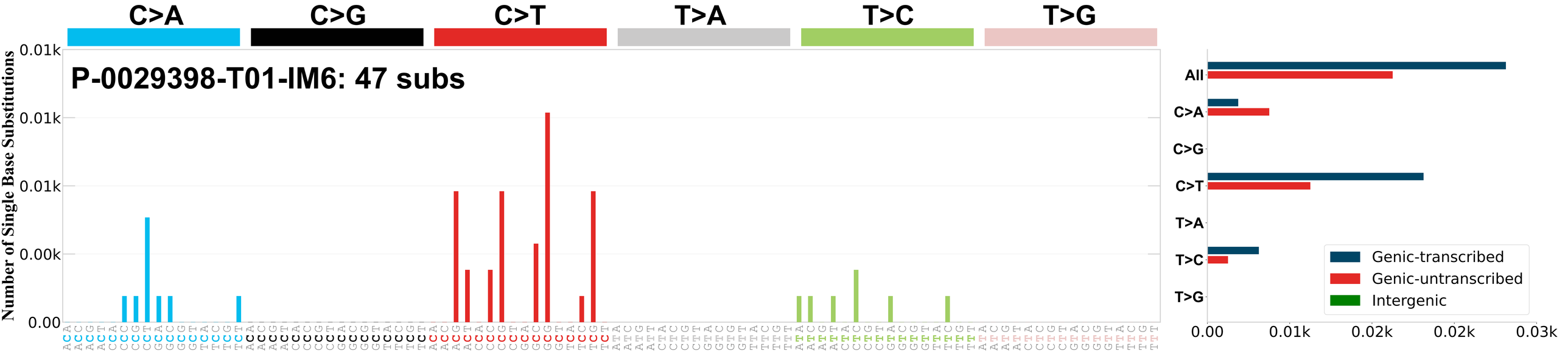

C>A
C>G
C>T
T>A
T>C
T>G
P-0028571-T01-IM6: 34 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.01k
0.02k

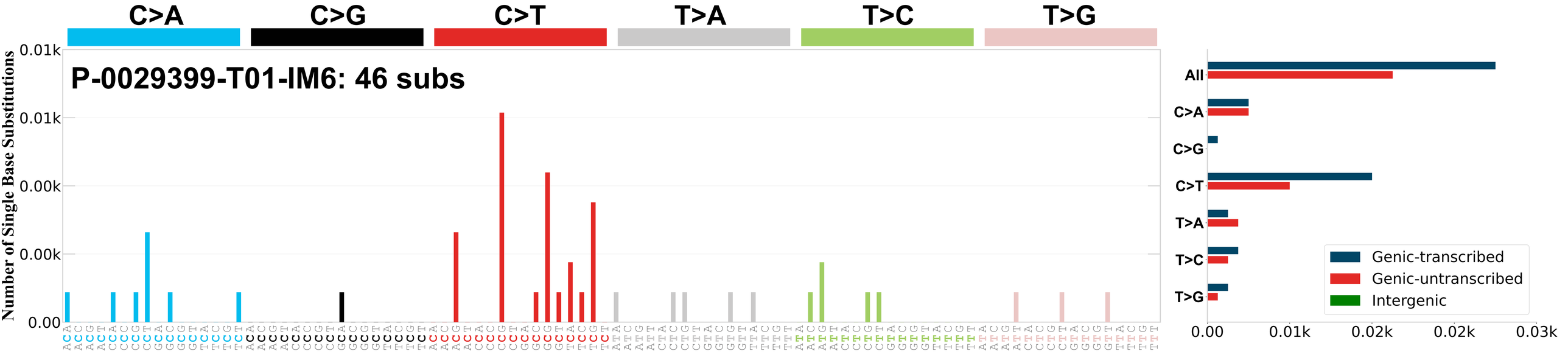

C>A
C>G
C>T
T>A
T>C
T>G
P-0028891-T01-IM6: 108 subs
Number of Single Base Substitutions
0.03k
0.02k
0.01k
0.01k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.02k
0.03k
0.05k
0.06k

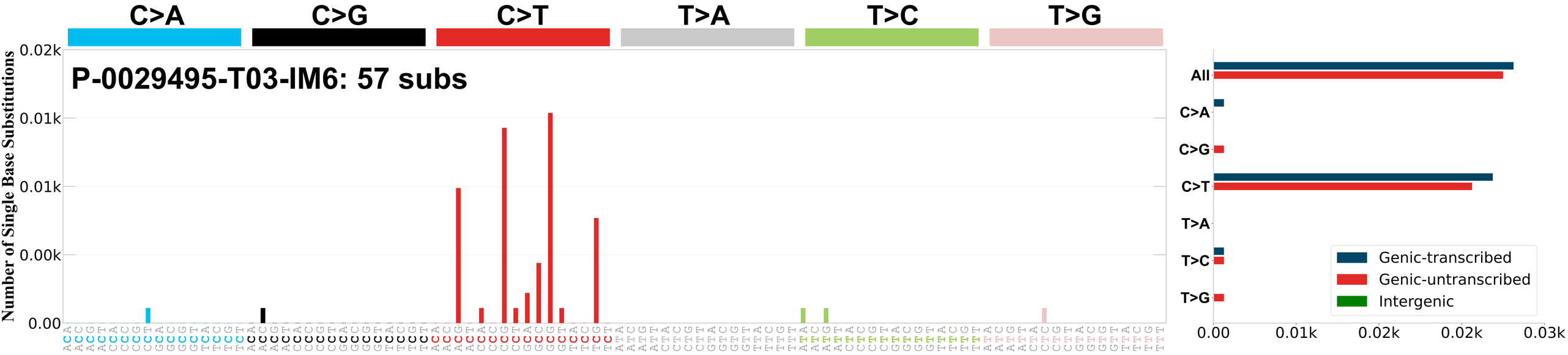

C>A
C>G
C>T
T>A
T>C
T>G
P-0028979-T01-IM6: 58 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

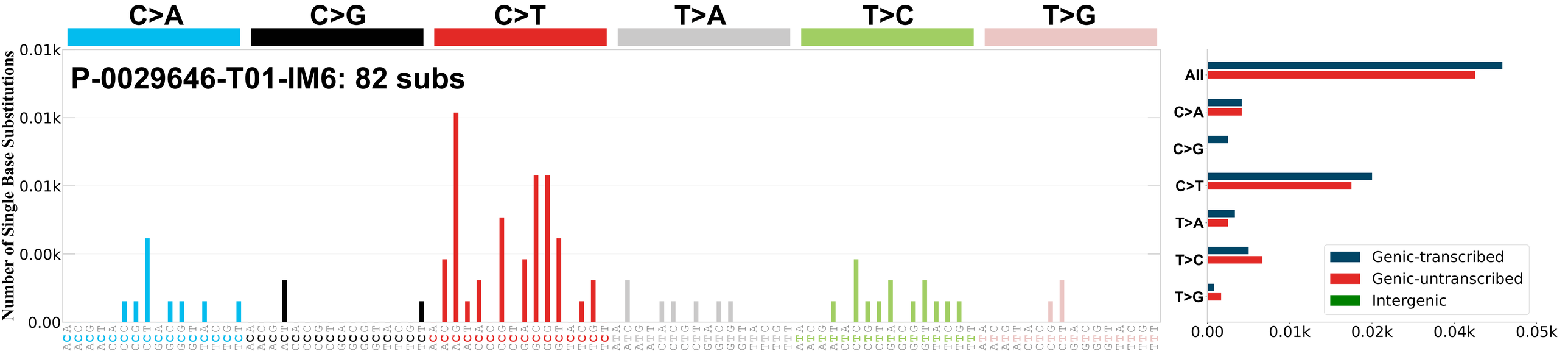

C>A
C>G
C>T
T>A
T>C
T>G
P-0029114-T01-IM6: 28 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.02k

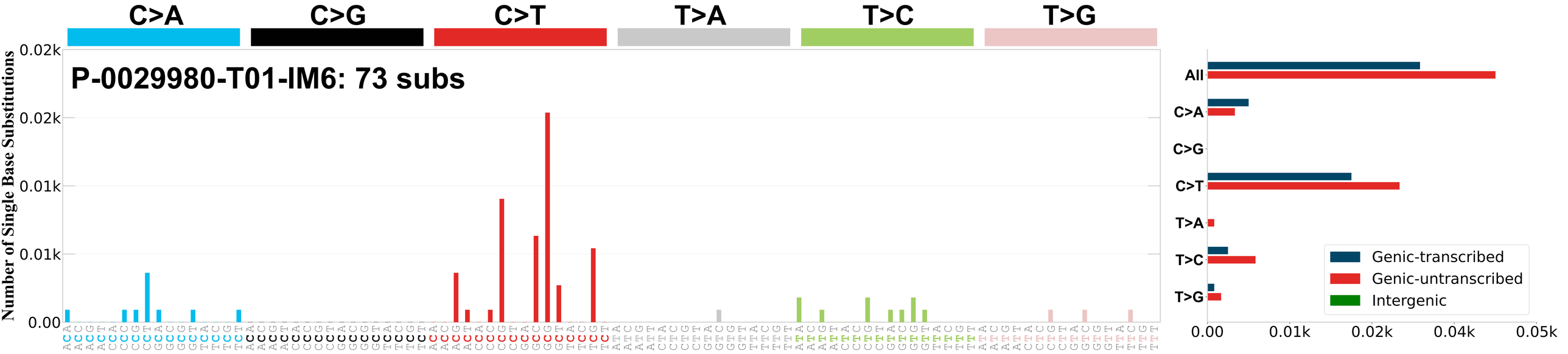

C>A
C>G
C>T
T>A
T>C
T>G
P-0029169-T01-IM6: 30 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.01k
0.02k

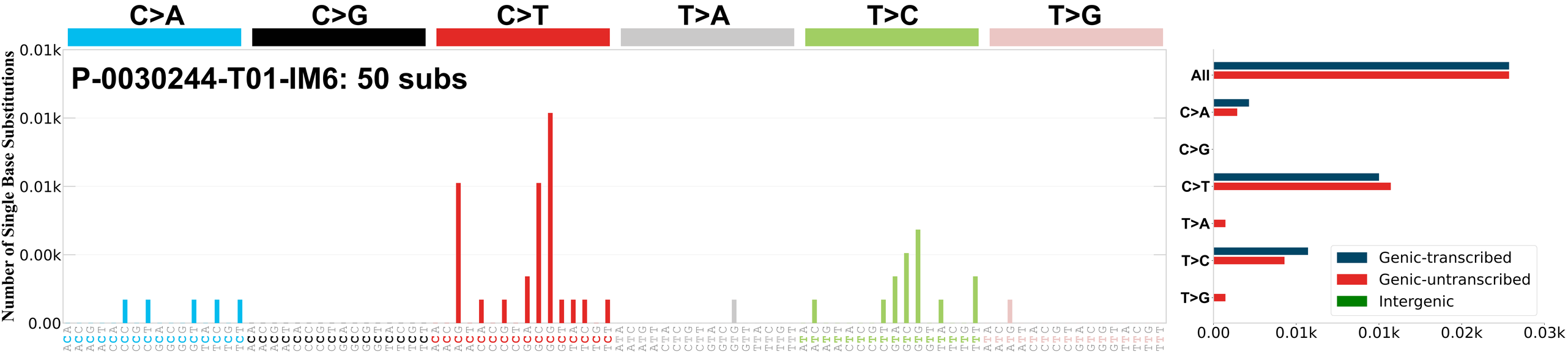

C>A
C>G
C>T
T>A
T>C
T>G
P-0029398-T01-IM6: 47 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.02k
0.03k

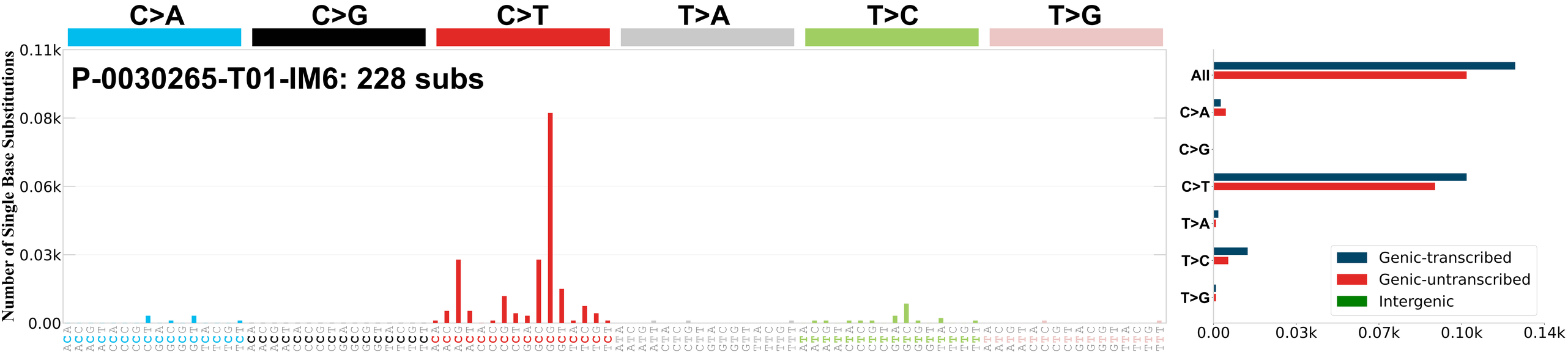

C>A
C>G
C>T
T>A
T>C
T>G
P-0029399-T01-IM6: 46 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.02k
0.03k

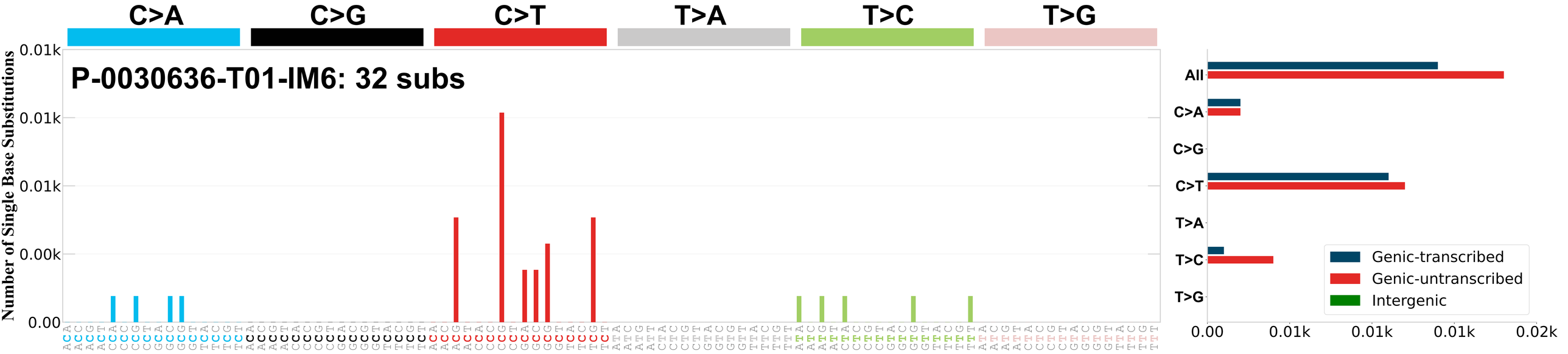

C>A
C>G
C>T
T>A
T>C
T>G
P-0029495-T03-IM6: 57 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.02k
0.03k

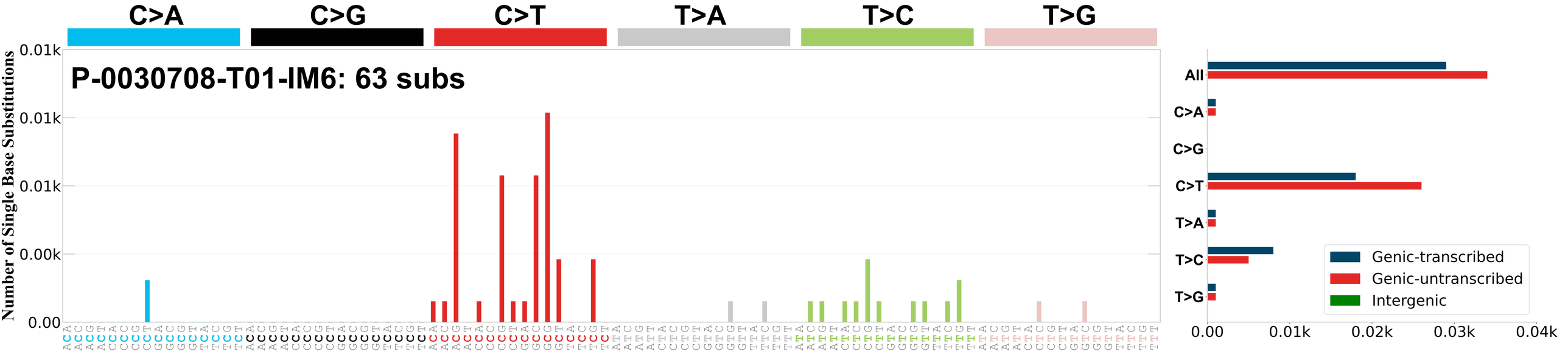

C>A
C>G
C>T
T>A
T>C
T>G
P-0029646-T01-IM6: 82 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.04k
0.05k

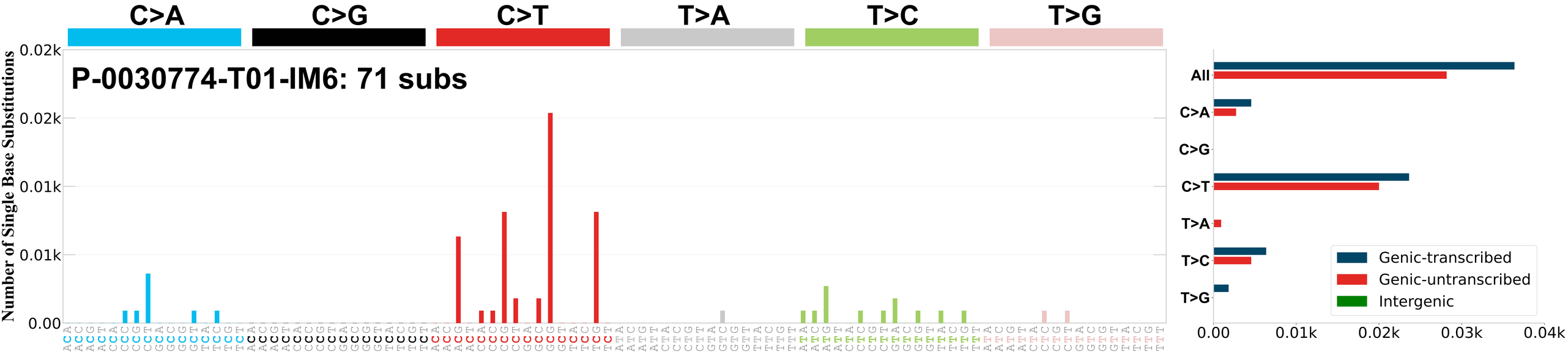

C>A
C>G
C>T
T>A
T>C
T>G
P-0029980-T01-IM6: 73 subs
Number of Single Base Substitutions
0.02k
0.02k
0.01k
0.01k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.04k
0.05k

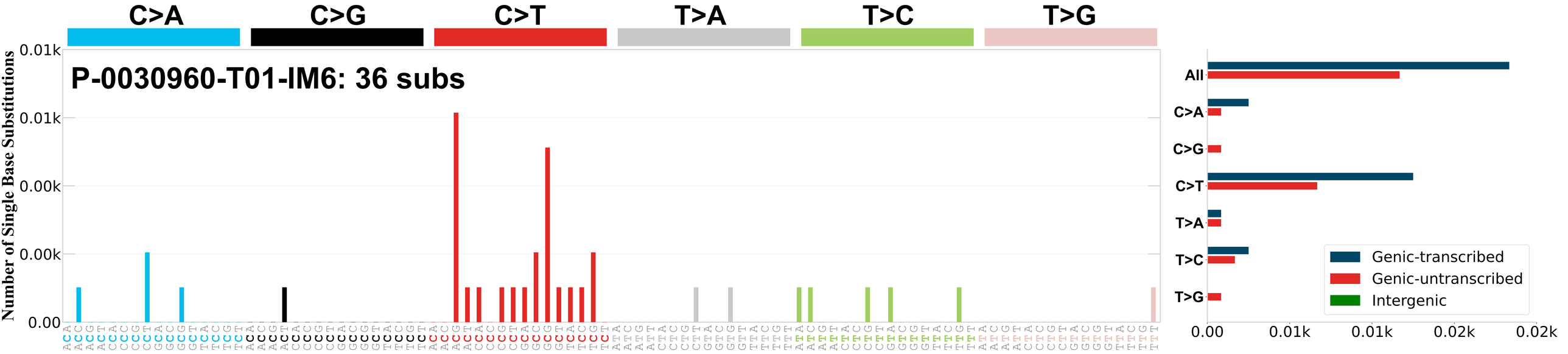

C>A
C>G
C>T
T>A
T>C
T>G
P-0030244-T01-IM6: 50 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

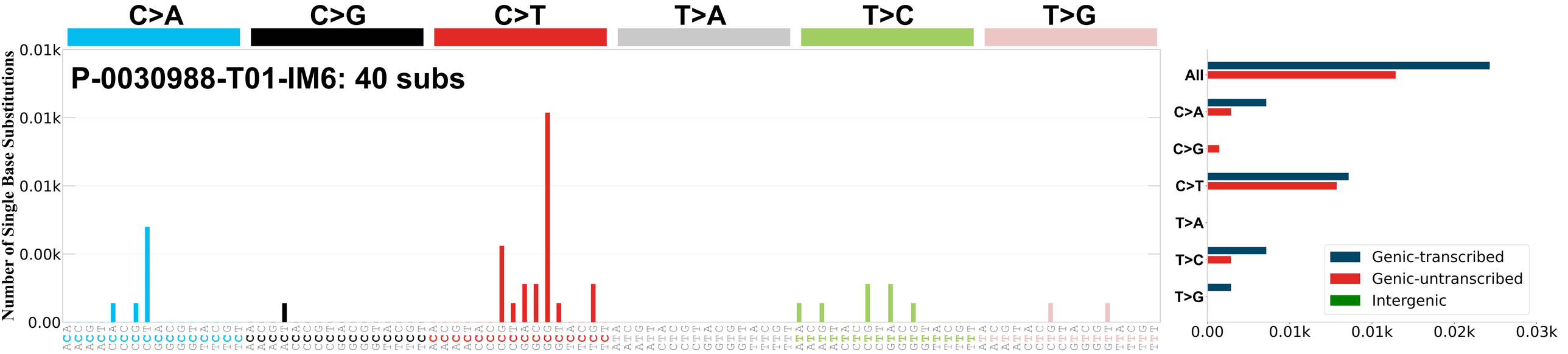

C>A
C>G
C>T
T>A
T>C
T>G
P-0030265-T01-IM6: 228 subs
Number of Single Base Substitutions
0.11k
0.08k
0.06k
0.03k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.03k
0.07k
0.10k
0.14k

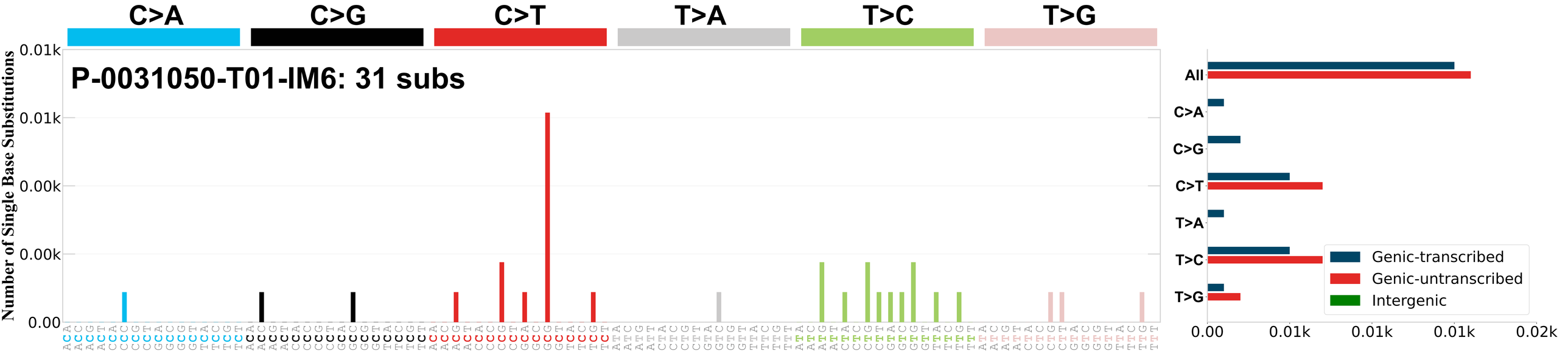

C>A
C>G
C>T
T>A
T>C
T>G
P-0030636-T01-IM6: 32 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.01k
0.02k

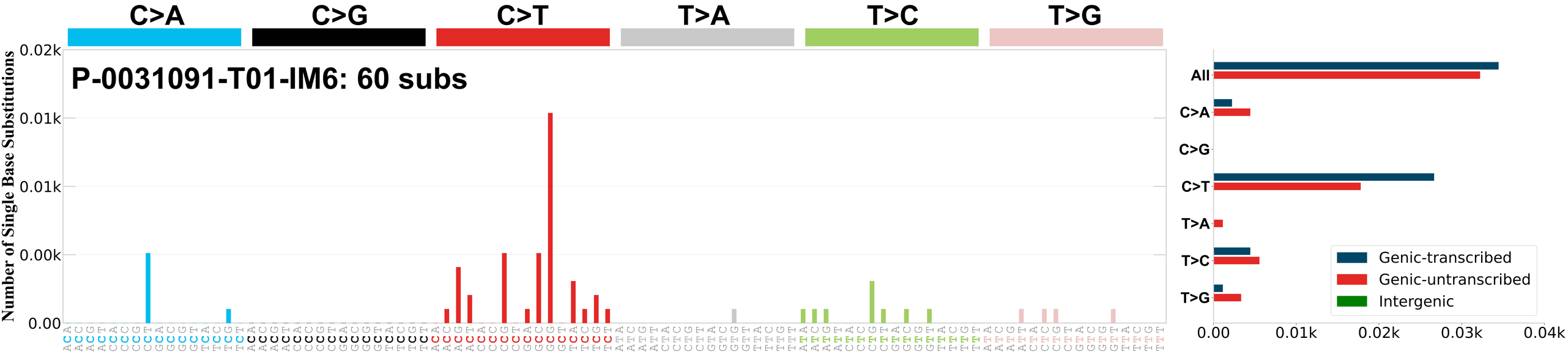

C>A
C>G
C>T
T>A
T>C
T>G
P-0030708-T01-IM6: 63 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

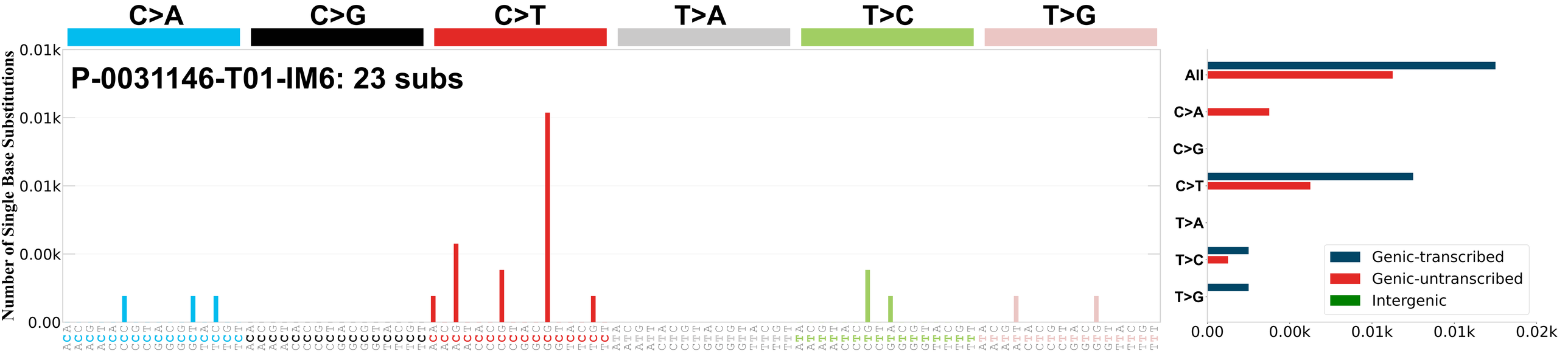

C>A
C>G
C>T
T>A
T>C
T>G
P-0030774-T01-IM6: 71 subs
Number of Single Base Substitutions
0.02k
0.02k
0.01k
0.01k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

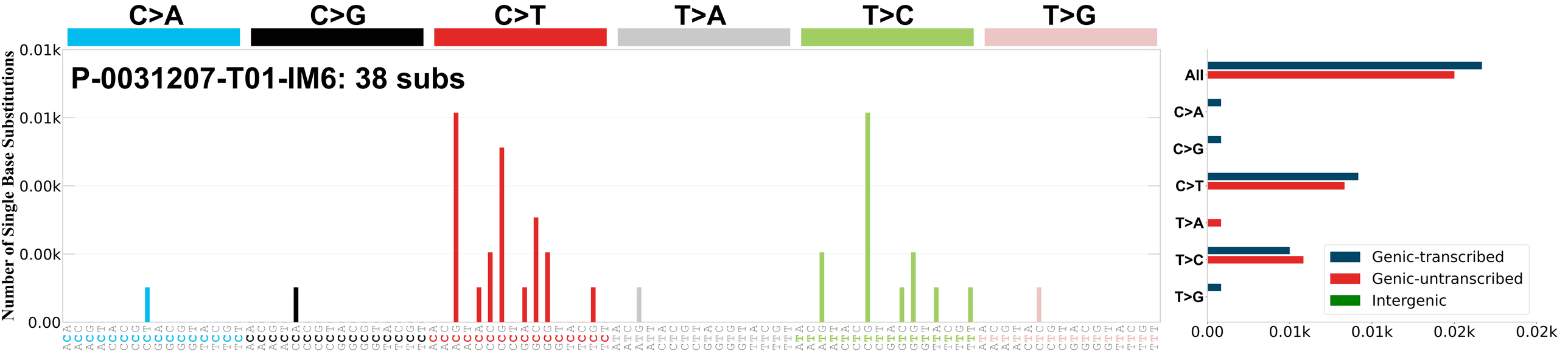

C>A
C>G
C>T
T>A
T>C
T>G
P-0030960-T01-IM6: 36 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

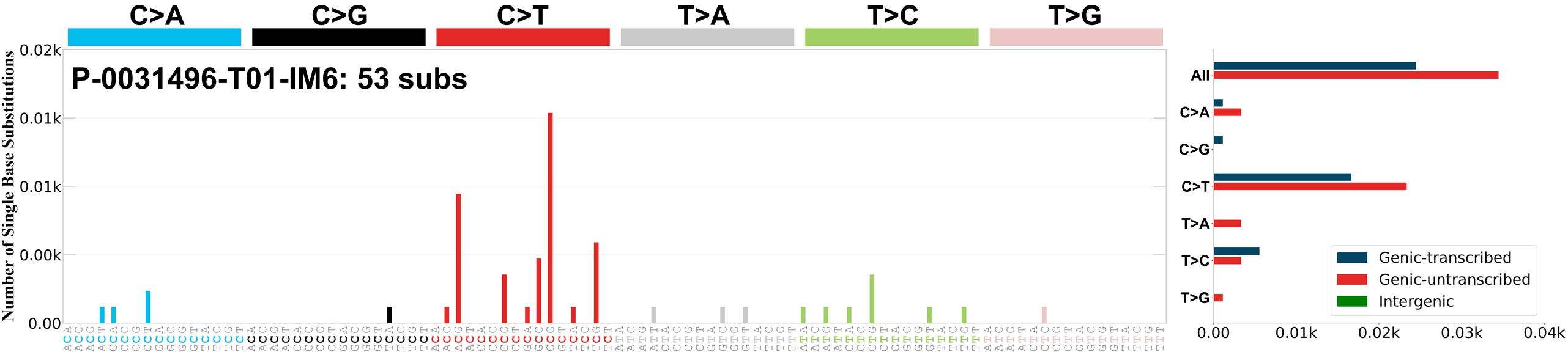

C>A
C>G
C>T
T>A
T>C
T>G
P-0030988-T01-IM6: 40 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

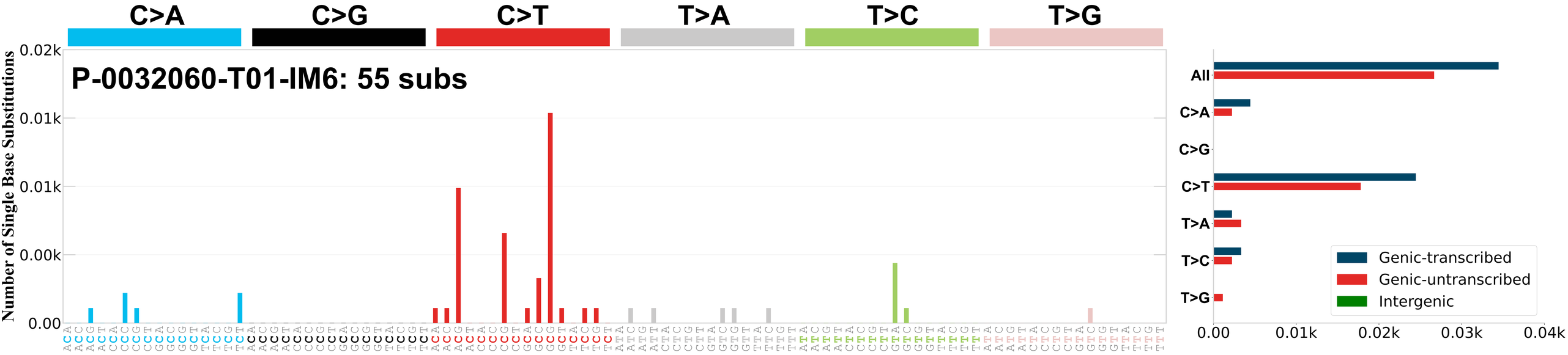

C>A
C>G
C>T
T>A
T>C
T>G
P-0031050-T01-IM6: 31 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.01k
0.02k

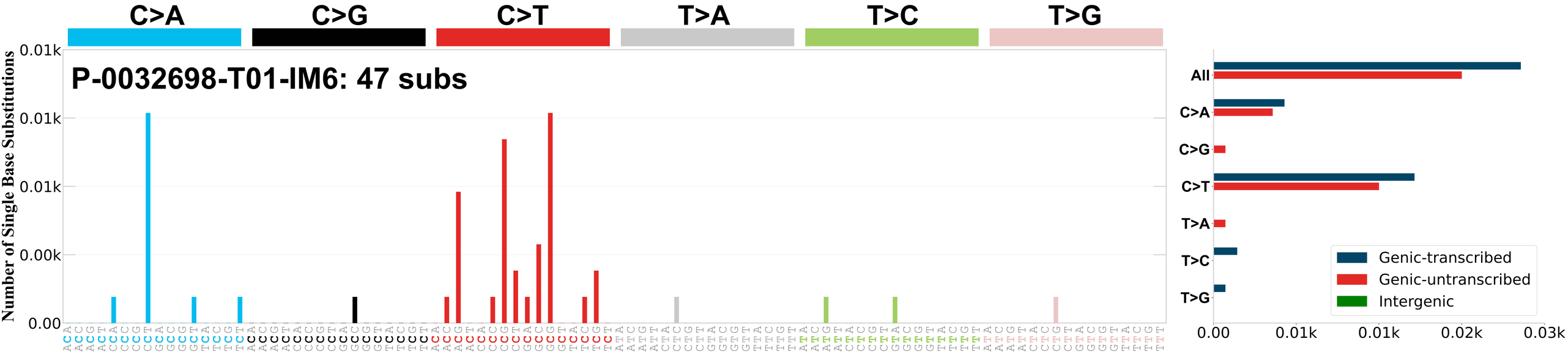

C>A
C>G
C>T
T>A
T>C
T>G
P-0031091-T01-IM6: 60 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

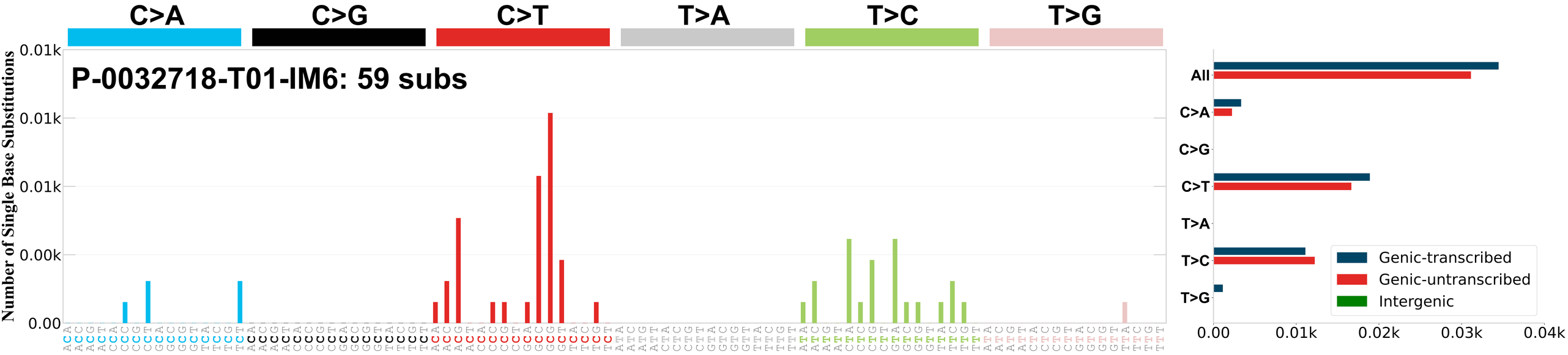

C>A
C>G
C>T
T>A
T>C
T>G
P-0031146-T01-IM6: 23 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.02k

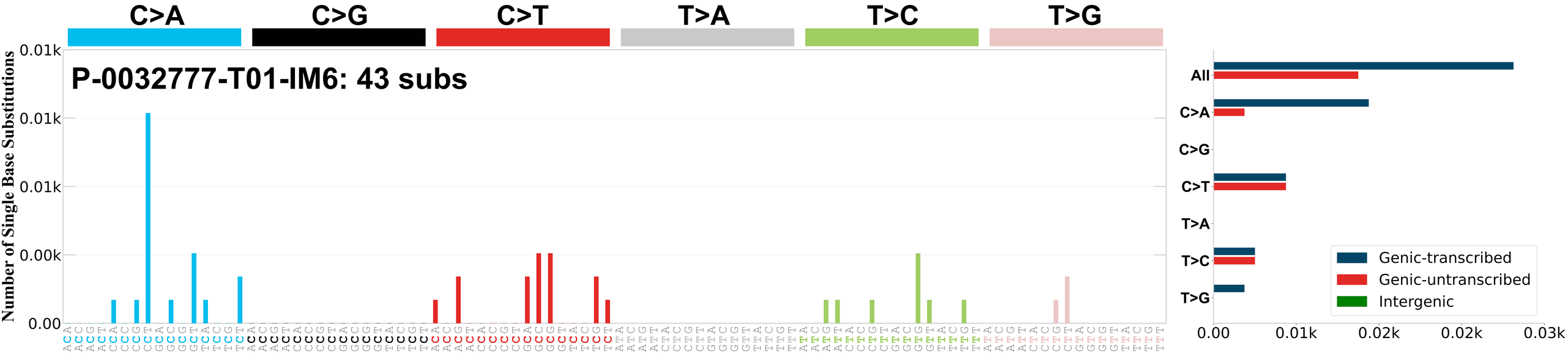

C>A
C>G
C>T
T>A
T>C
T>G
P-0031207-T01-IM6: 38 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

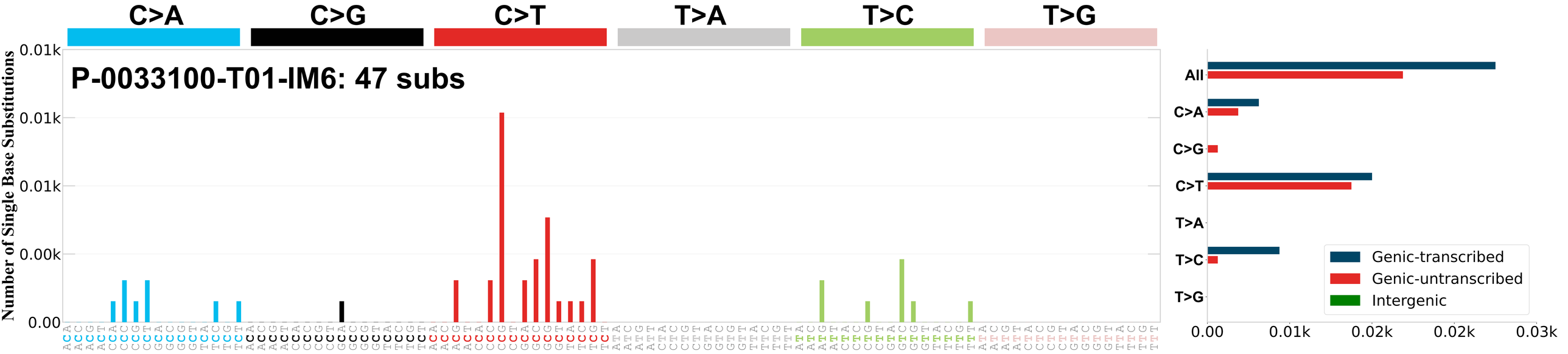

C>A
C>G
C>T
T>A
T>C
T>G
P-0031496-T01-IM6: 53 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

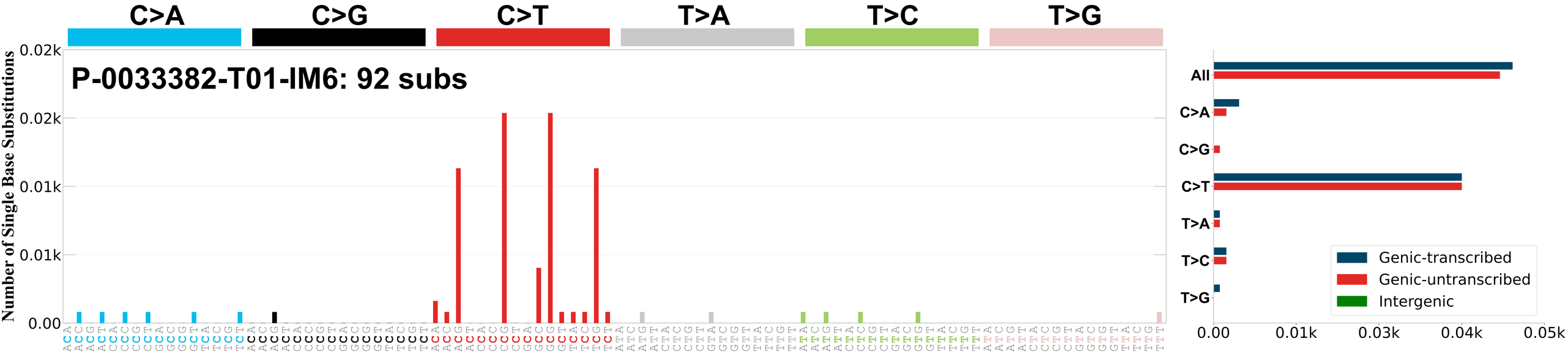

C>A
C>G
C>T
T>A
T>C
T>G
P-0032060-T01-IM6: 55 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

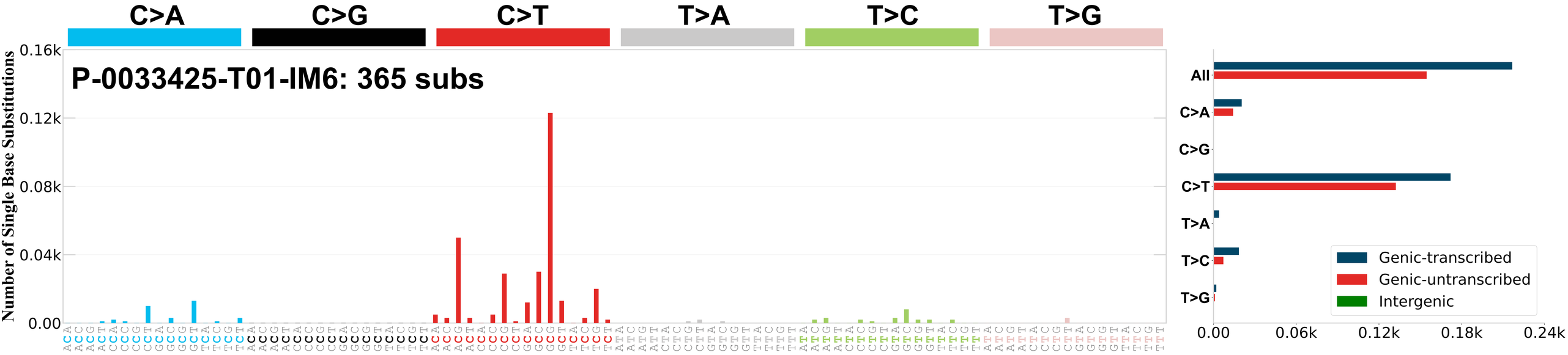

C>A
C>G
C>T
T>A
T>C
T>G
P-0032698-T01-IM6: 47 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

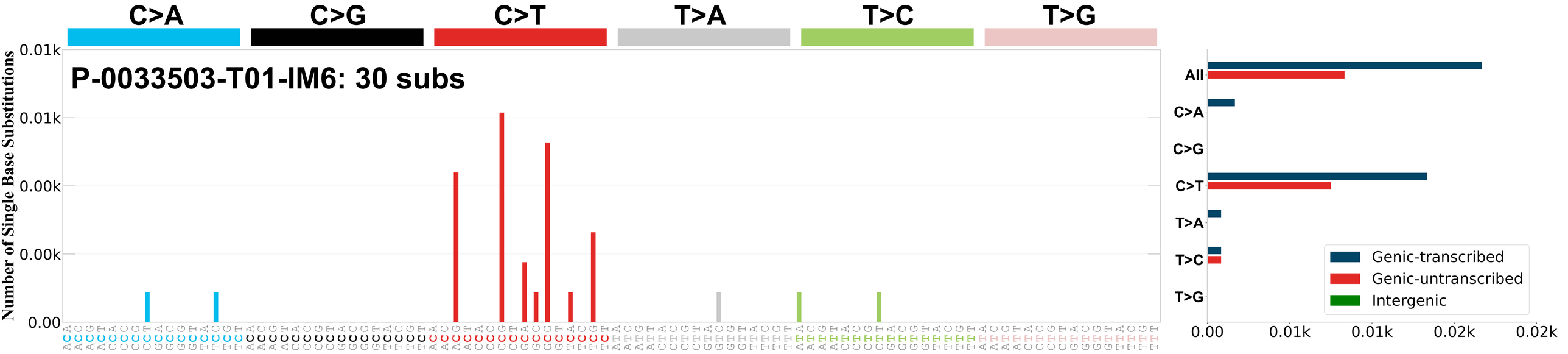

C>A
C>G
C>T
T>A
T>C
T>G
P-0032718-T01-IM6: 59 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

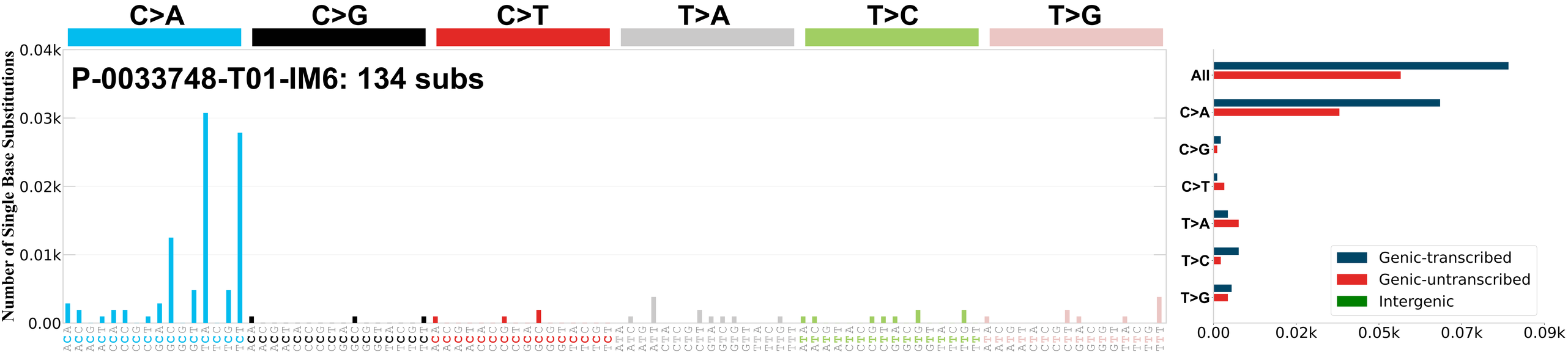

C>A
C>G
C>T
T>A
T>C
T>G
P-0032777-T01-IM6: 43 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.02k
0.03k

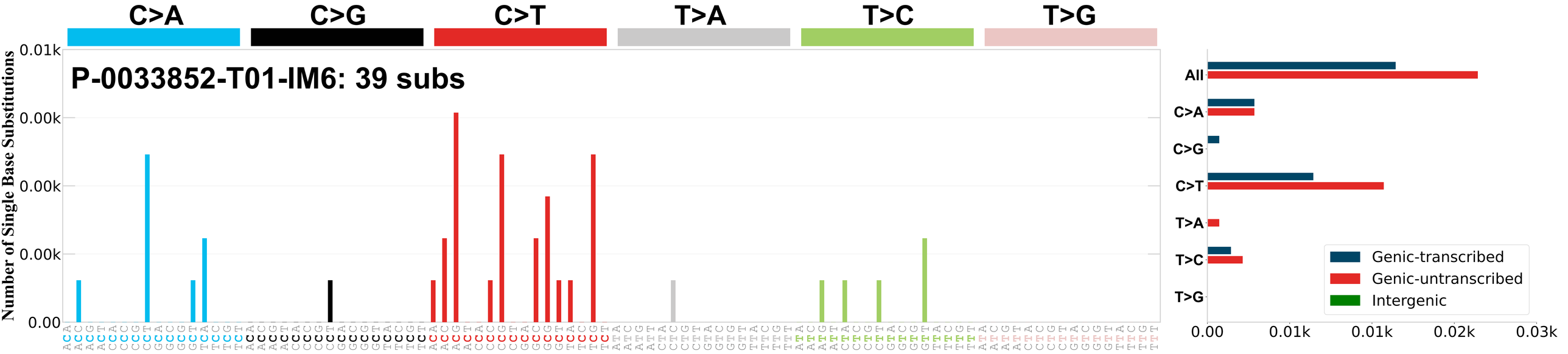

C>A
C>G
C>T
T>A
T>C
T>G
P-0033100-T01-IM6: 47 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.02k
0.03k

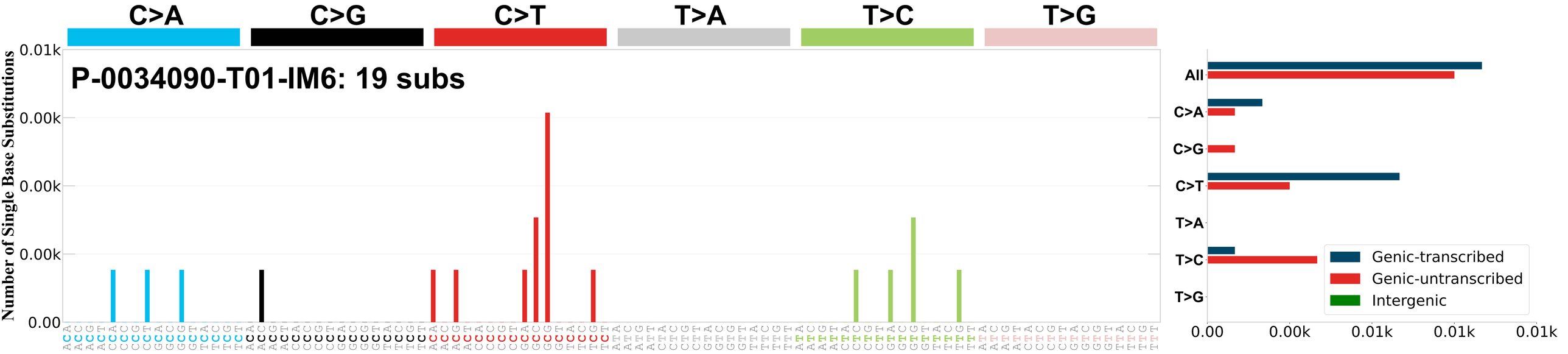

C>A
C>G
C>T
T>A
T>C
T>G
P-0033382-T01-IM6: 92 subs
Number of Single Base Substitutions
0.02k
0.02k
0.01k
0.01k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.03k
0.04k
0.05k

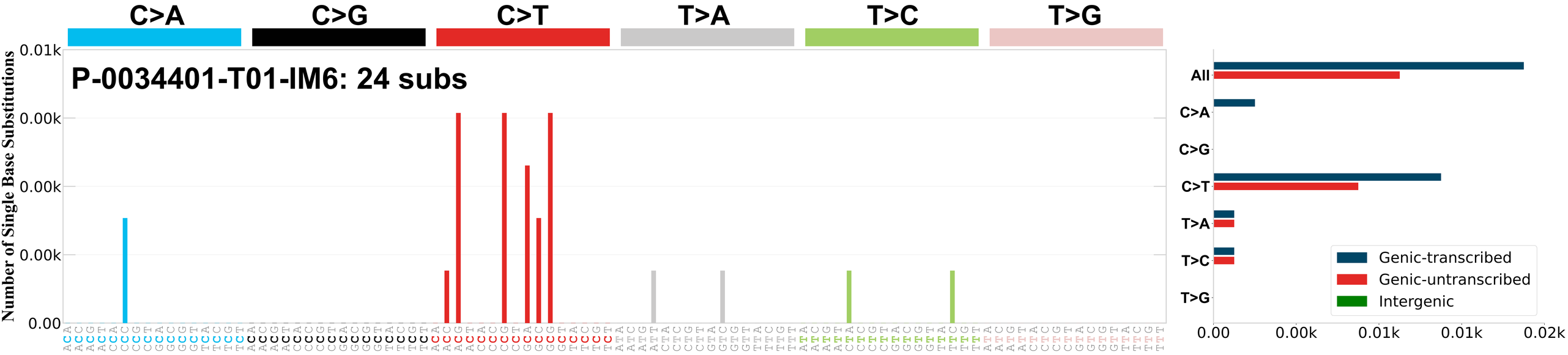

C>A
C>G
C>T
T>A
T>C
T>G
P-0033425-T01-IM6: 365 subs
Number of Single Base Substitutions
0.16k
0.12k
0.08k
0.04k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.06k
0.12k
0.18k
0.24k

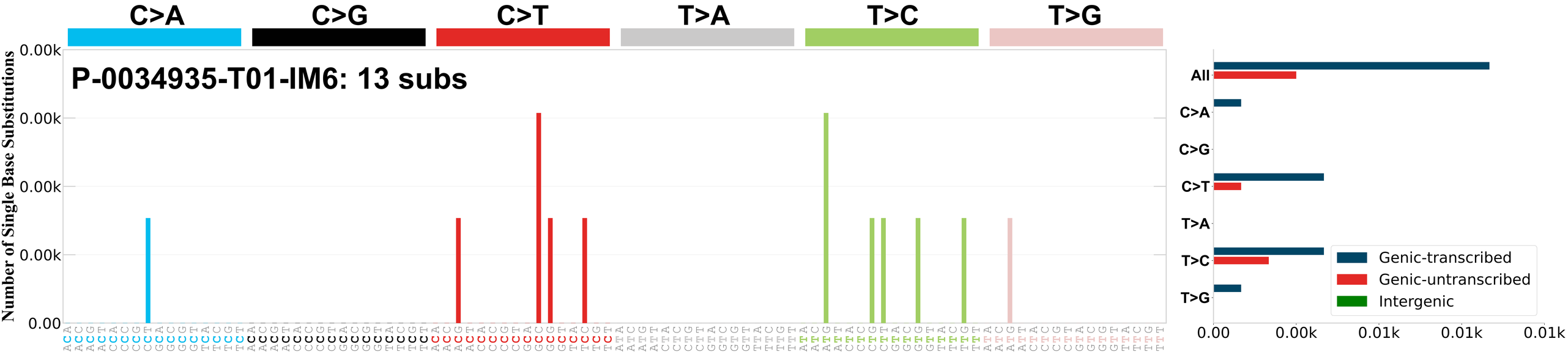

C>A
C>G
C>T
T>A
T>C
T>G
P-0033503-T01-IM6: 30 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

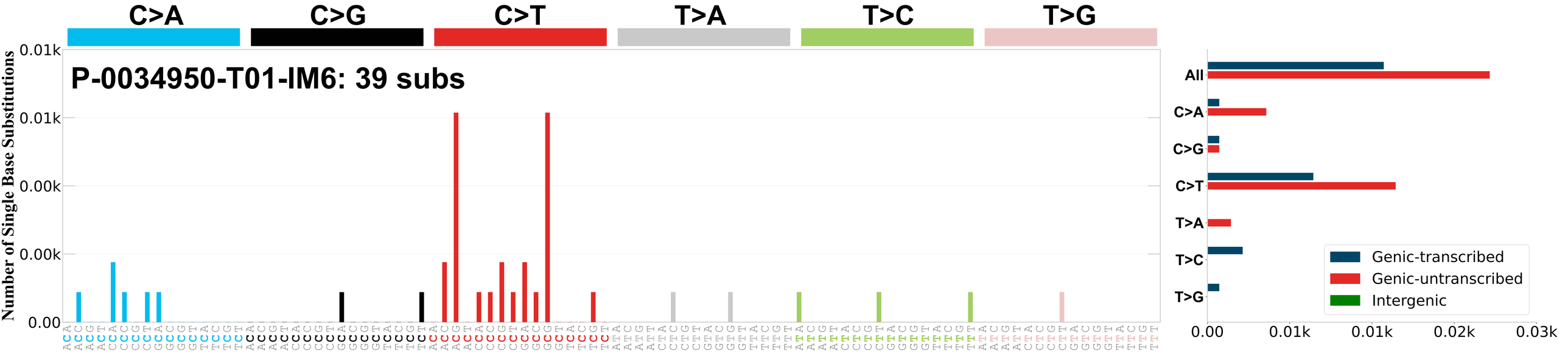

C>A
C>G
C>T
T>A
T>C
T>G
P-0033748-T01-IM6: 134 subs
Number of Single Base Substitutions
0.04k
0.03k
0.02k
0.01k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.02k
0.05k
0.07k
0.09k

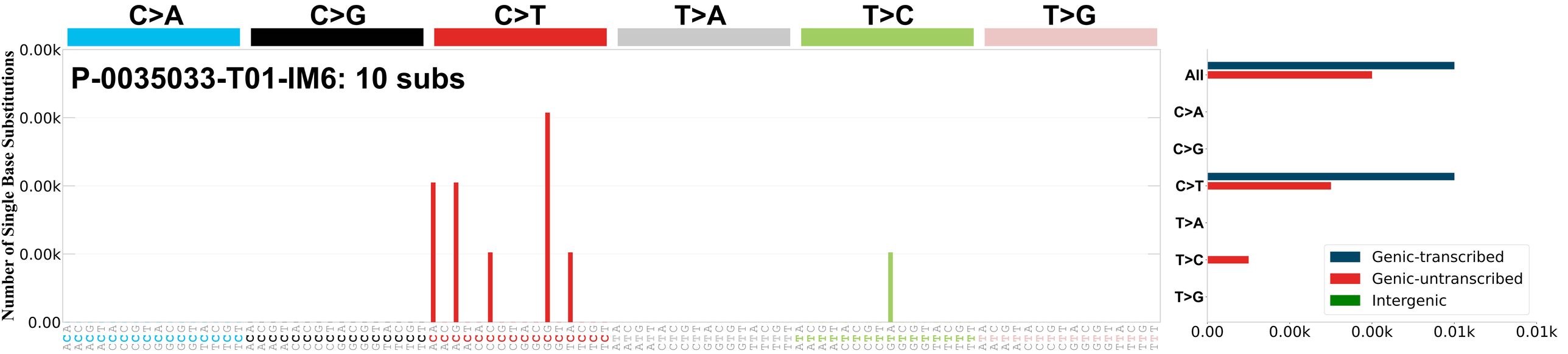

C>A
C>G
C>T
T>A
T>C
T>G
P-0033852-T01-IM6: 39 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

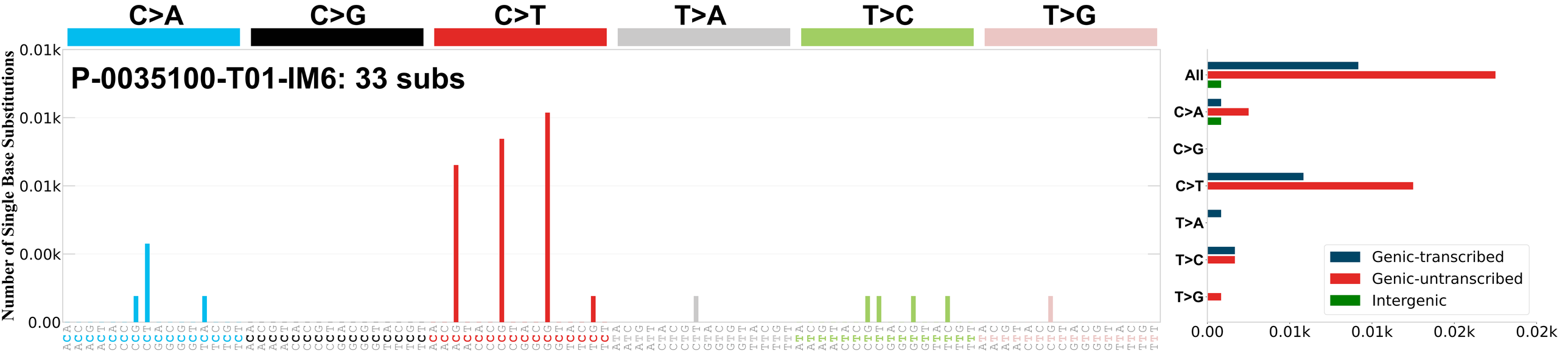

C>A
C>G
C>T
T>A
T>C
T>G
P-0034090-T01-IM6: 19 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.01k

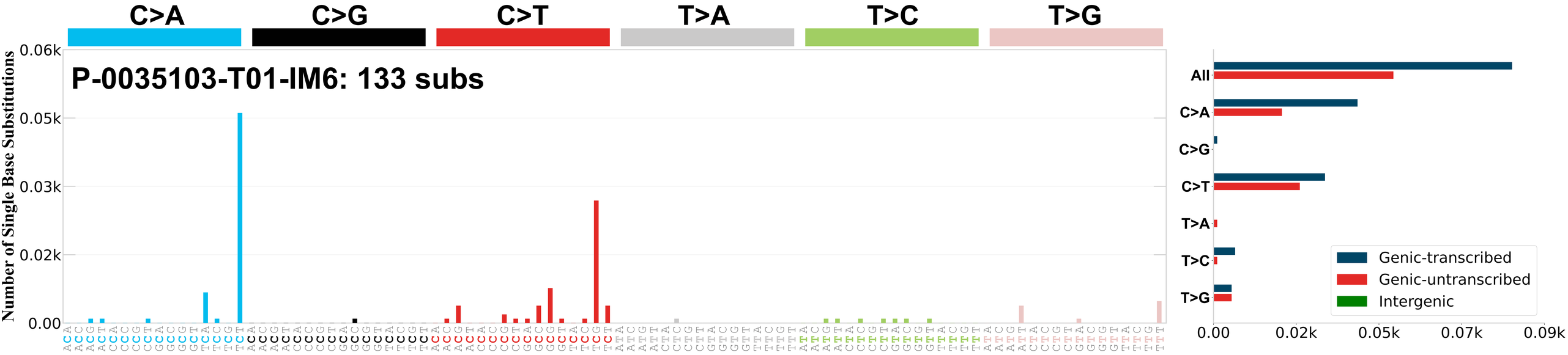

C>A
C>G
C>T
T>A
T>C
T>G
P-0034401-T01-IM6: 24 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.02k

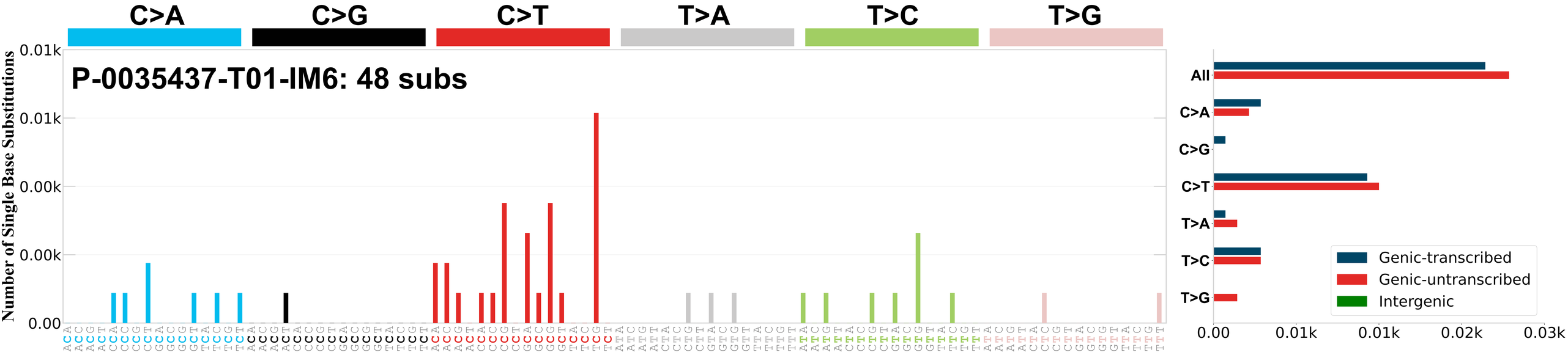

C>A
C>G
C>T
T>A
T>C
T>G
P-0034935-T01-IM6: 13 subs
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.01k

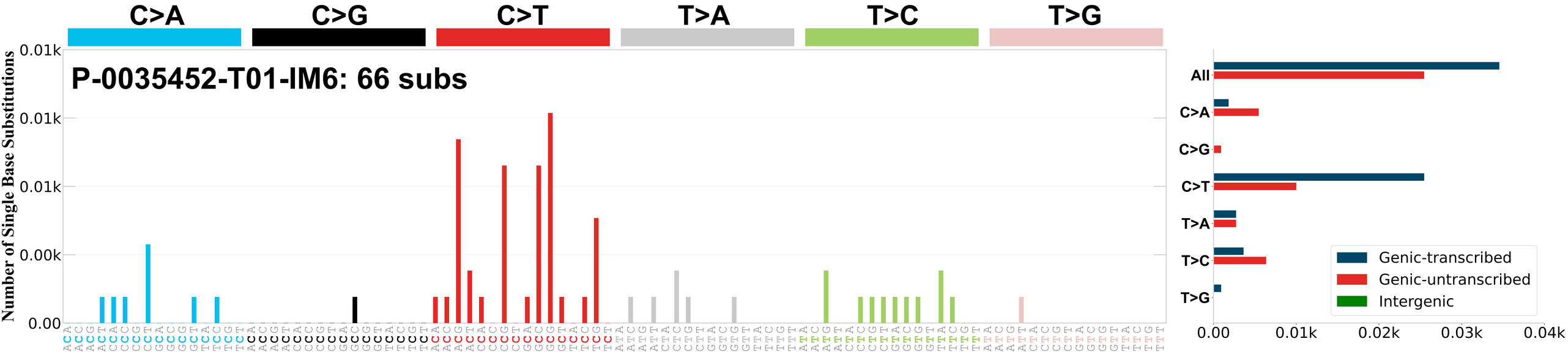

C>A
C>G
C>T
T>A
T>C
T>G
P-0034950-T01-IM6: 39 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

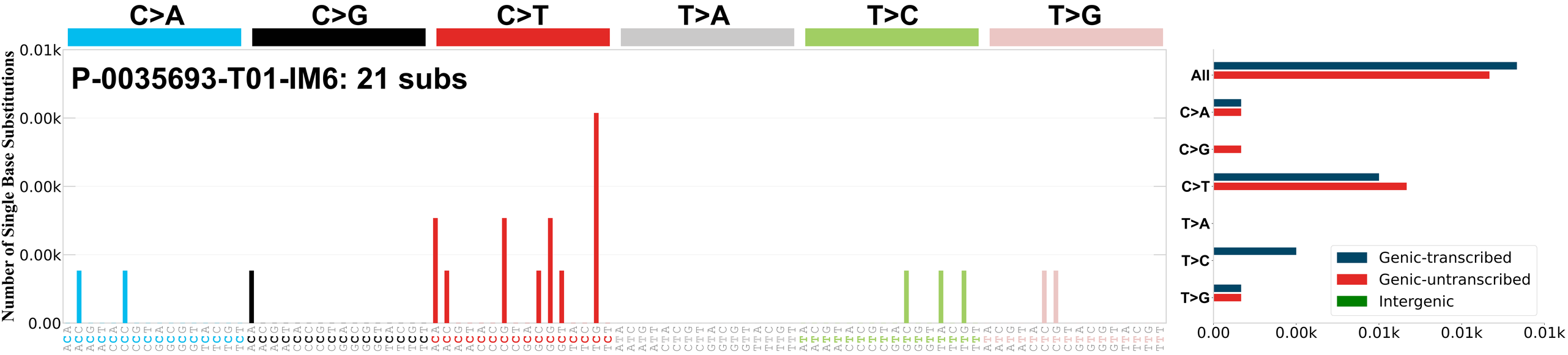

C>A
C>G
C>T
T>A
T>C
T>G
P-0035033-T01-IM6: 10 subs
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.00k
0.01k
0.01k

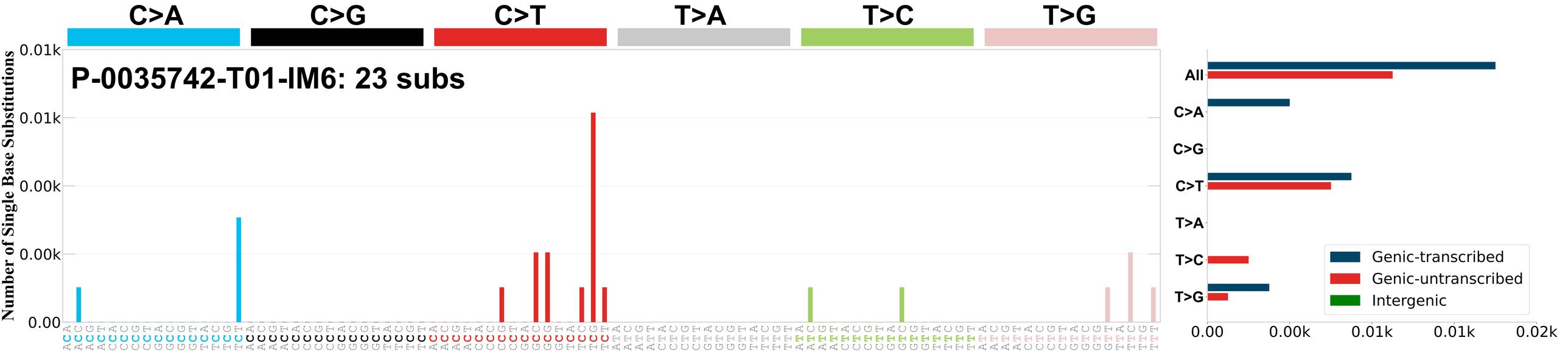

C>A
C>G
C>T
T>A
T>C
T>G
P-0035100-T01-IM6: 33 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

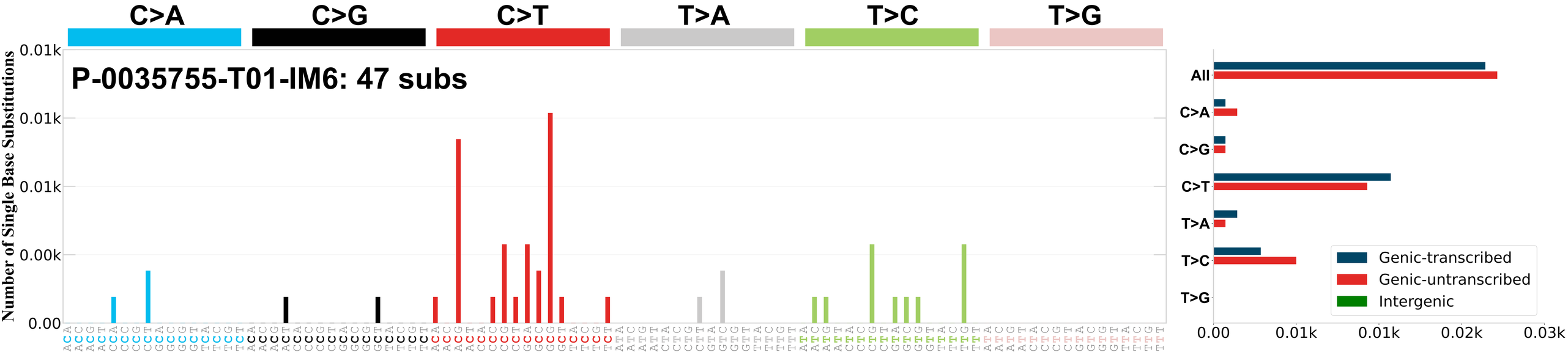

C>A
C>G
C>T
T>A
T>C
T>G
P-0035103-T01-IM6: 133 subs
Number of Single Base Substitutions
0.06k
0.05k
0.03k
0.02k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.02k
0.05k
0.07k
0.09k

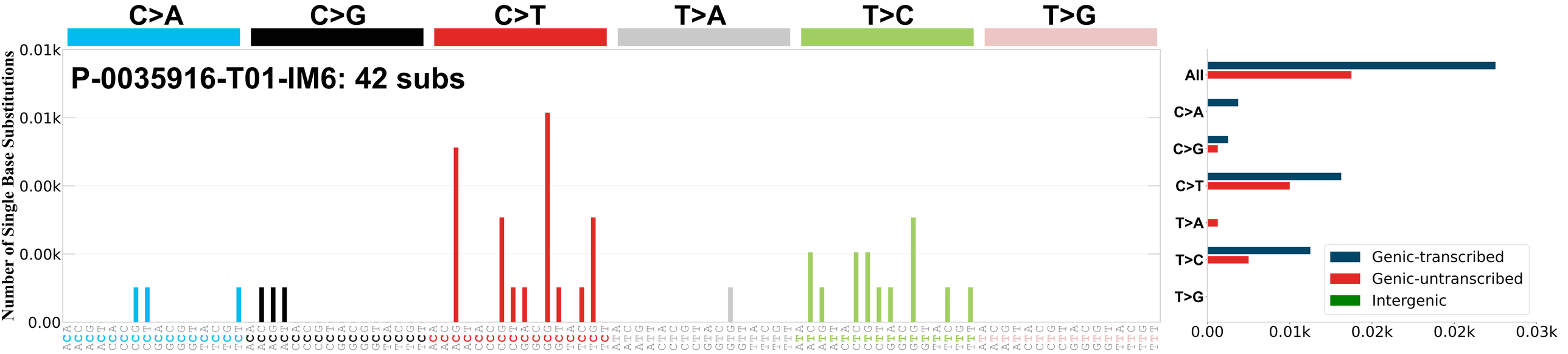

C>A
C>G
C>T
T>A
T>C
T>G
P-0035437-T01-IM6: 48 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

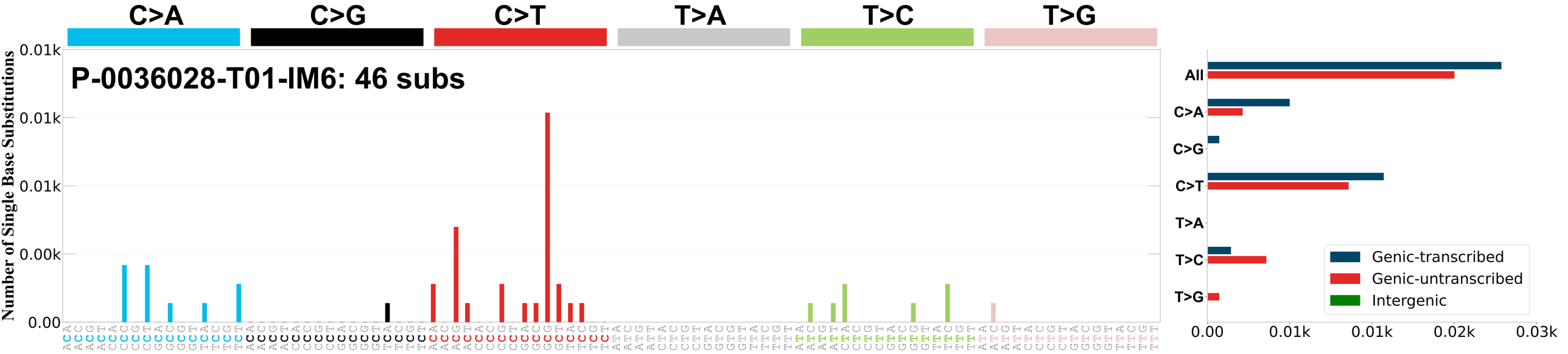

C>A
C>G
C>T
T>A
T>C
T>G
P-0035452-T01-IM6: 66 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

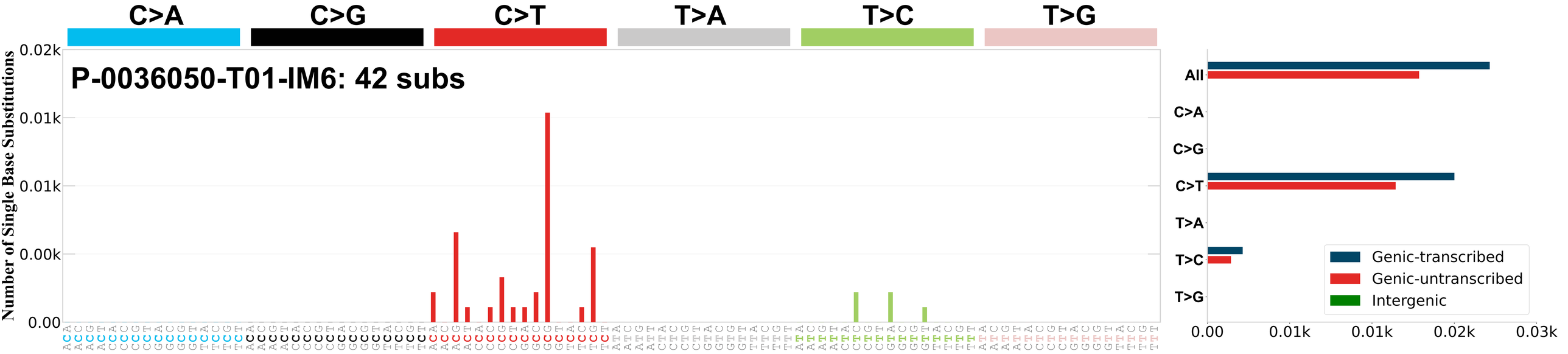

C>A
C>G
C>T
T>A
T>C
T>G
P-0035693-T01-IM6: 21 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.01k

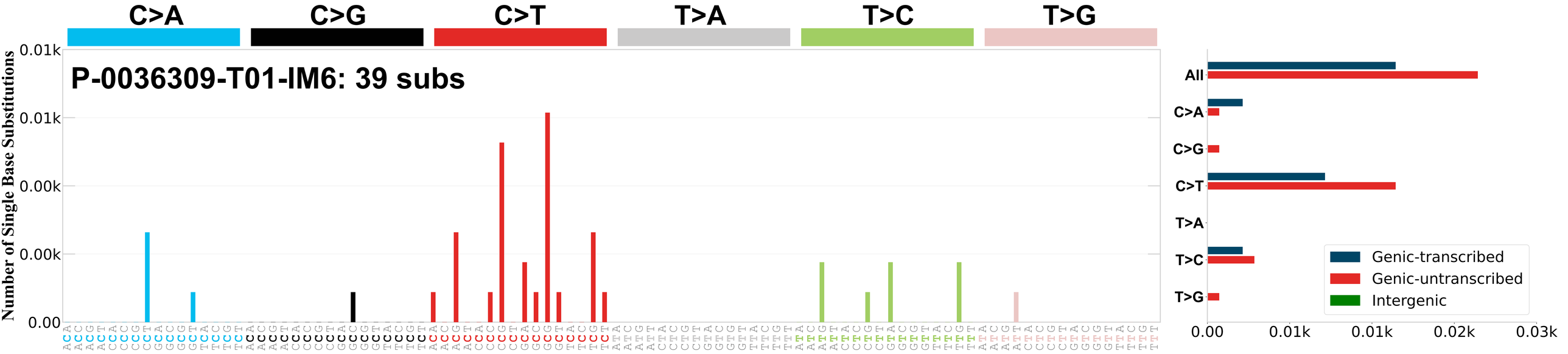

C>A
C>G
C>T
T>A
T>C
T>G
P-0035742-T01-IM6: 23 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.02k

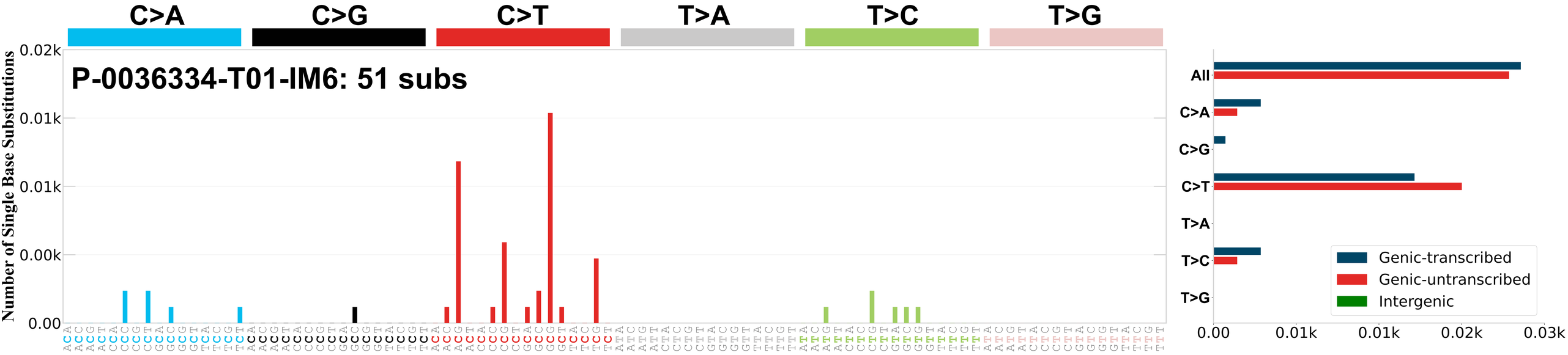

C>A
C>G
C>T
T>A
T>C
T>G
P-0035755-T01-IM6: 47 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

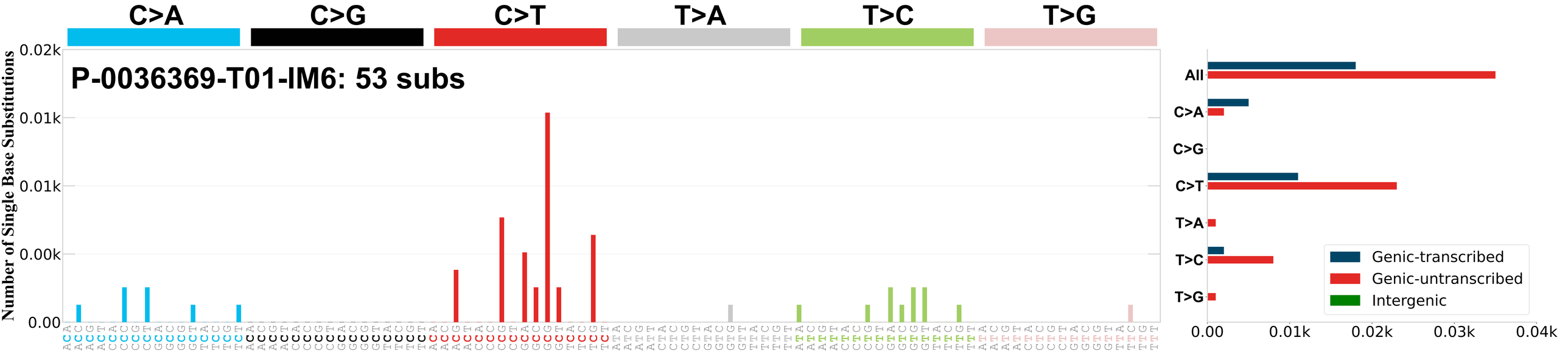

C>A
C>G
C>T
T>A
T>C
T>G
P-0035916-T01-IM6: 42 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.02k
0.03k

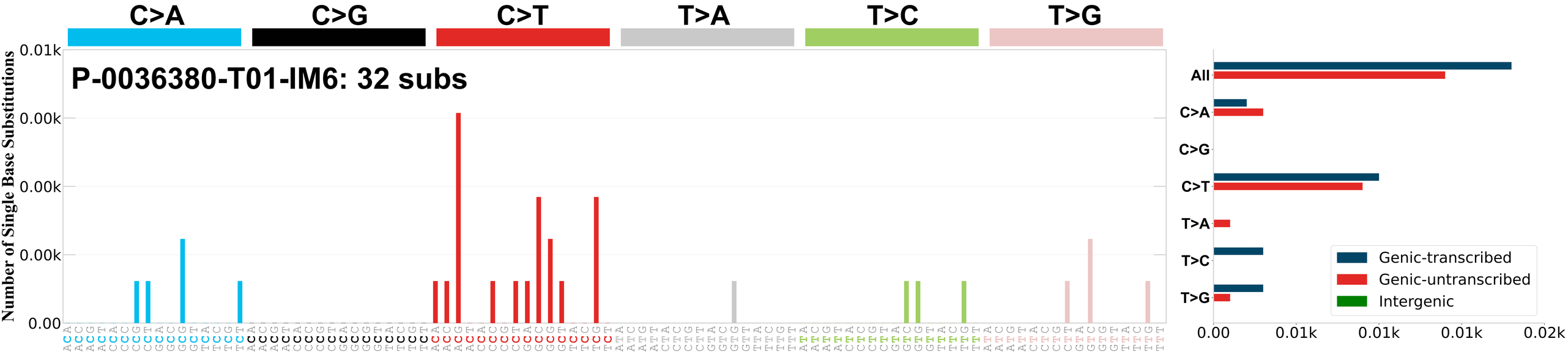

C>A
C>G
C>T
T>A
T>C
T>G
P-0036028-T01-IM6: 46 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

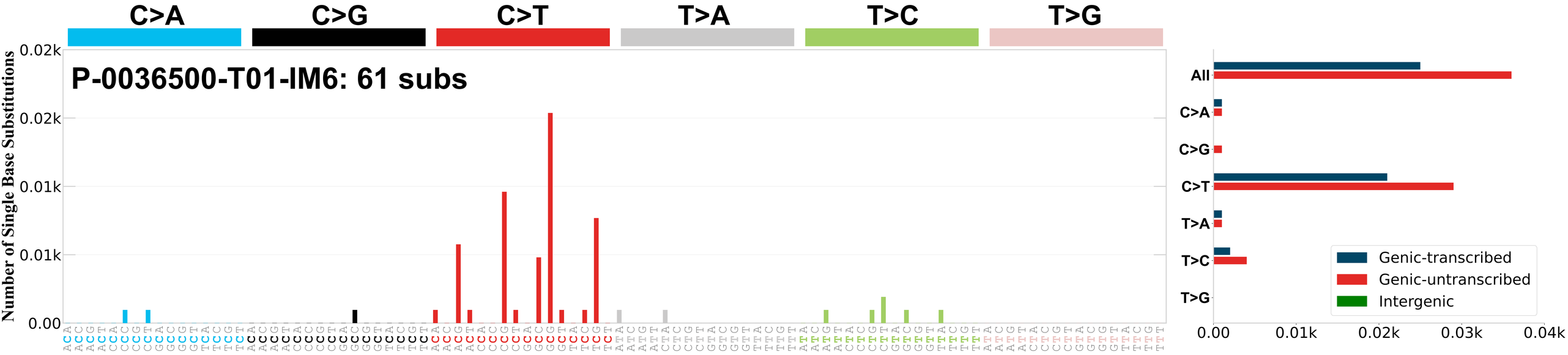

C>A
C>G
C>T
T>A
T>C
T>G
P-0036050-T01-IM6: 42 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

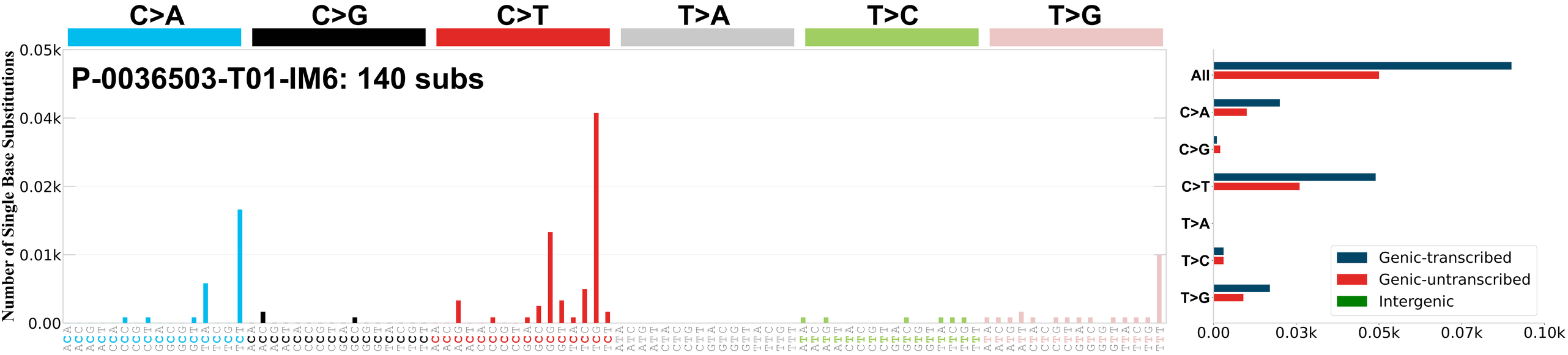

C>A
C>G
C>T
T>A
T>C
T>G
P-0036309-T01-IM6: 39 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

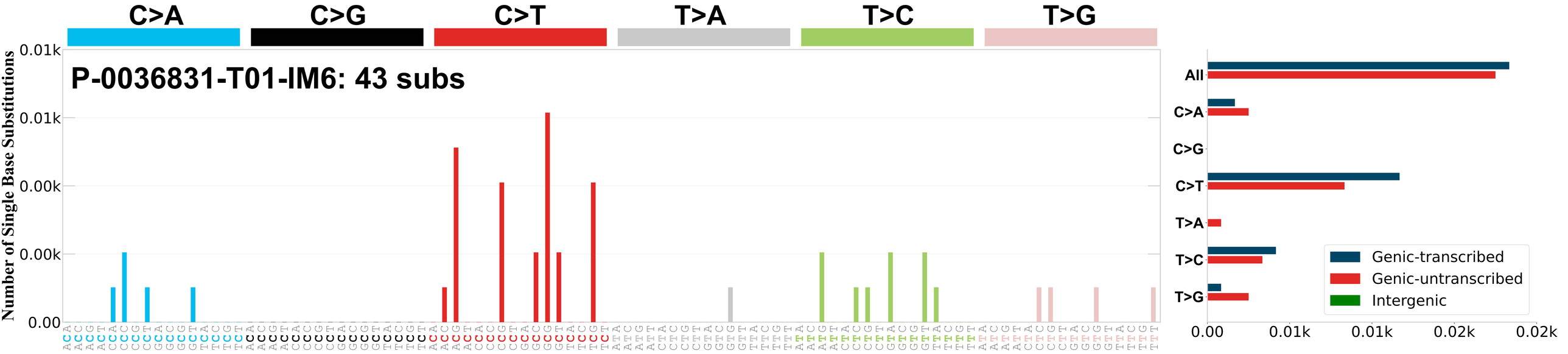

C>A
C>G
C>T
T>A
T>C
T>G
P-0036334-T01-IM6: 51 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

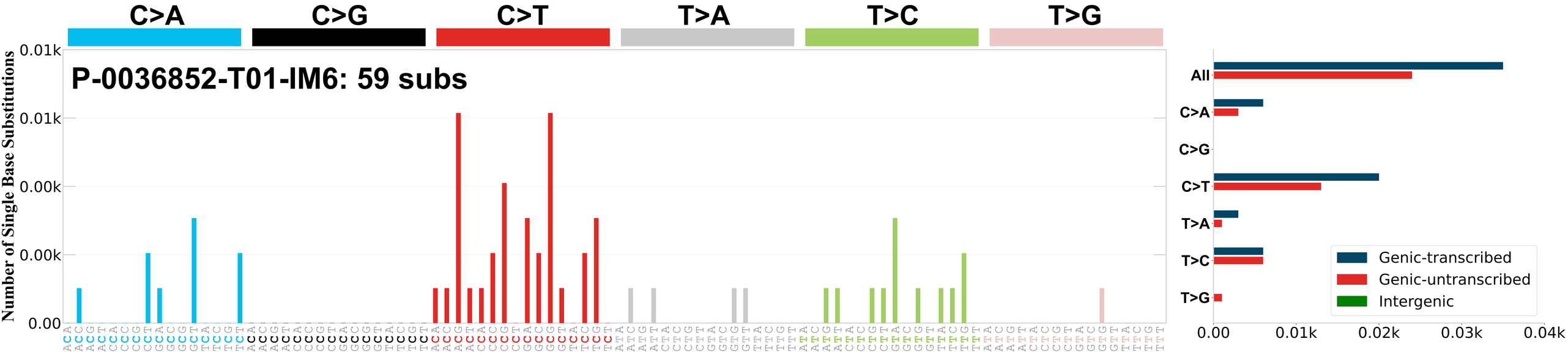

C>A
C>G
C>T
T>A
T>C
T>G
P-0036369-T01-IM6: 53 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

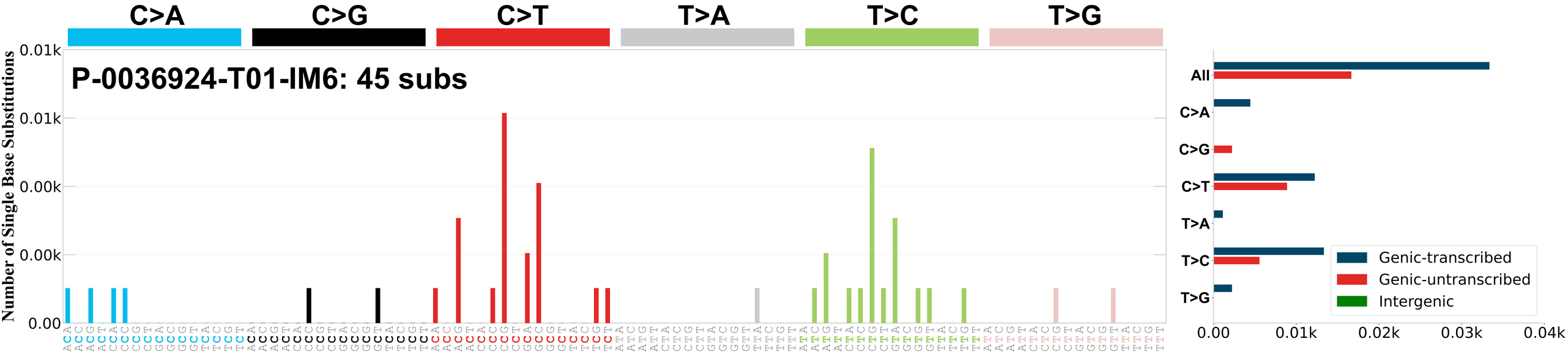

C>A
C>G
C>T
T>A
T>C
T>G
P-0036380-T01-IM6: 32 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.01k
0.02k

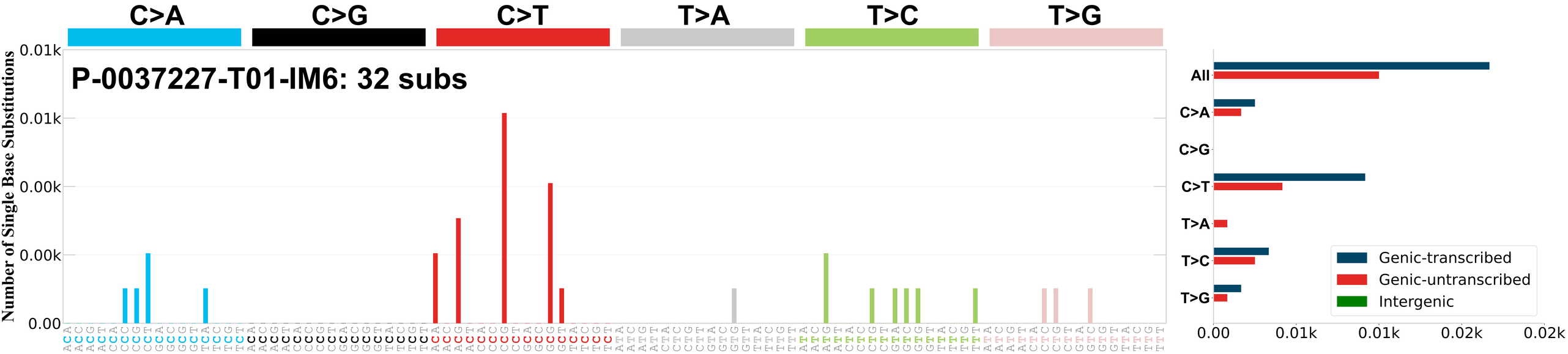

C>A
C>G
C>T
T>A
T>C
T>G
P-0036500-T01-IM6: 61 subs
Number of Single Base Substitutions
0.02k
0.02k
0.01k
0.01k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

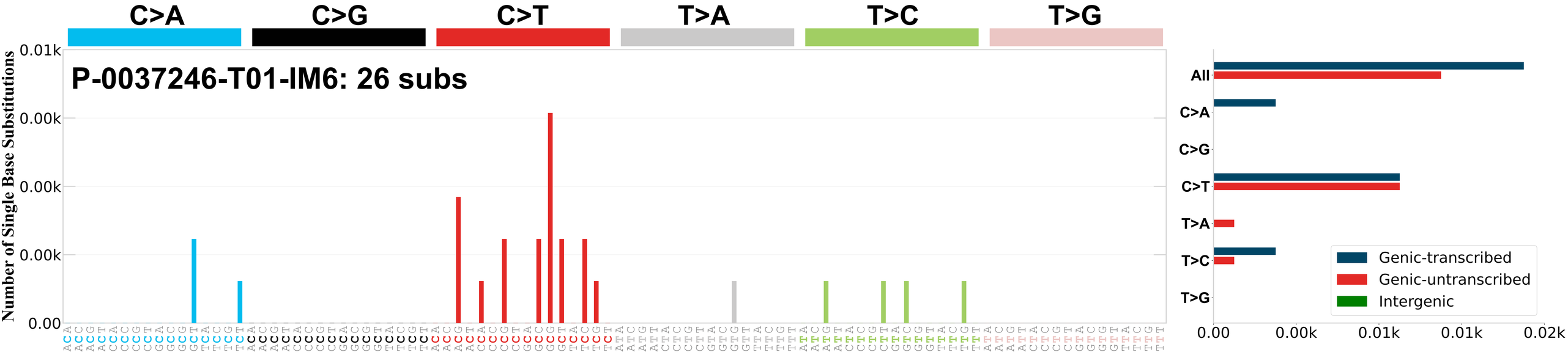

C>A
C>G
C>T
T>A
T>C
T>G
P-0036503-T01-IM6: 140 subs
Number of Single Base Substitutions
0.05k
0.04k
0.02k
0.01k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.03k
0.05k
0.07k
0.10k

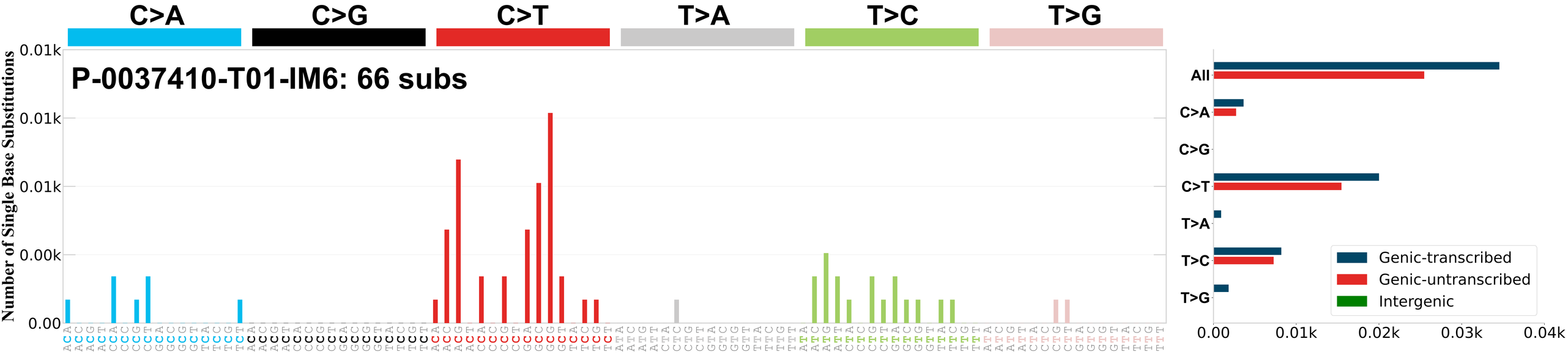

C>A
C>G
C>T
T>A
T>C
T>G
P-0036831-T01-IM6: 43 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

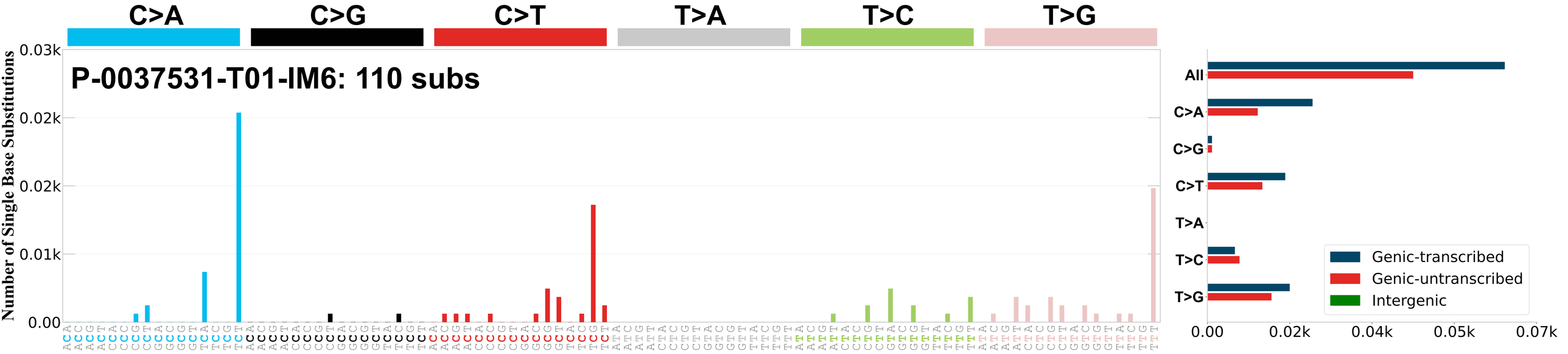

C>A
C>G
C>T
T>A
T>C
T>G
P-0036852-T01-IM6: 59 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

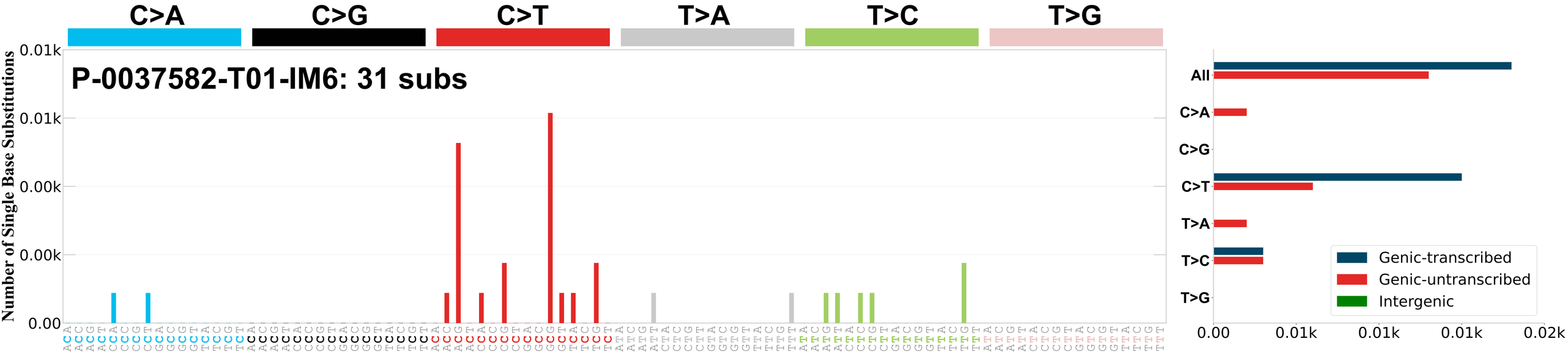

C>A
C>G
C>T
T>A
T>C
T>G
P-0036924-T01-IM6: 45 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

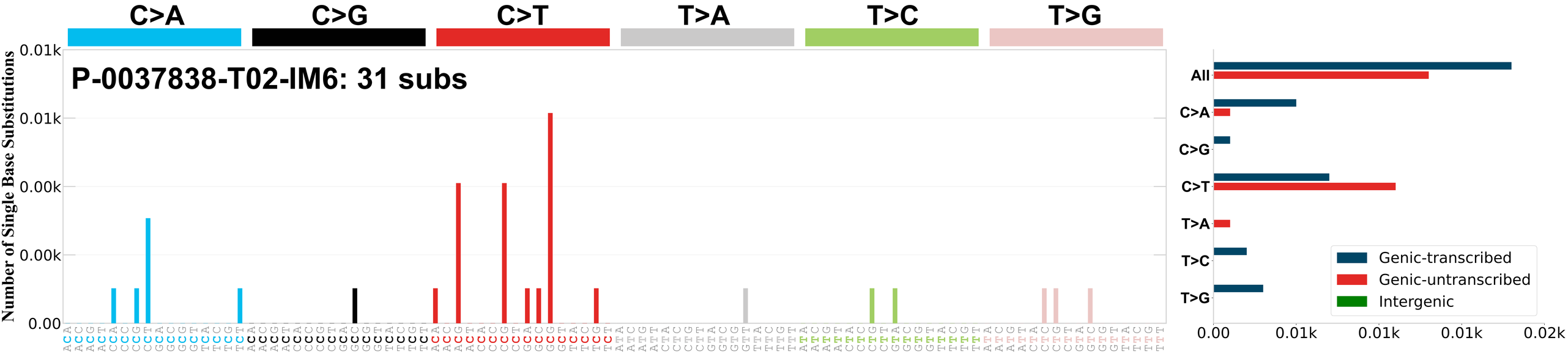

C>A
C>G
C>T
T>A
T>C
T>G
P-0037227-T01-IM6: 32 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

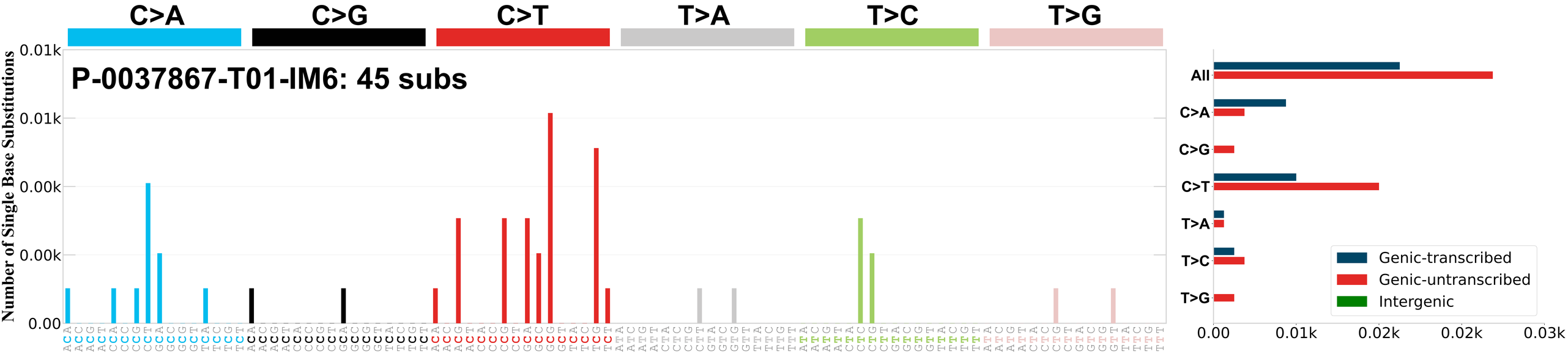

C>A
C>G
C>T
T>A
T>C
T>G
P-0037246-T01-IM6: 26 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.02k

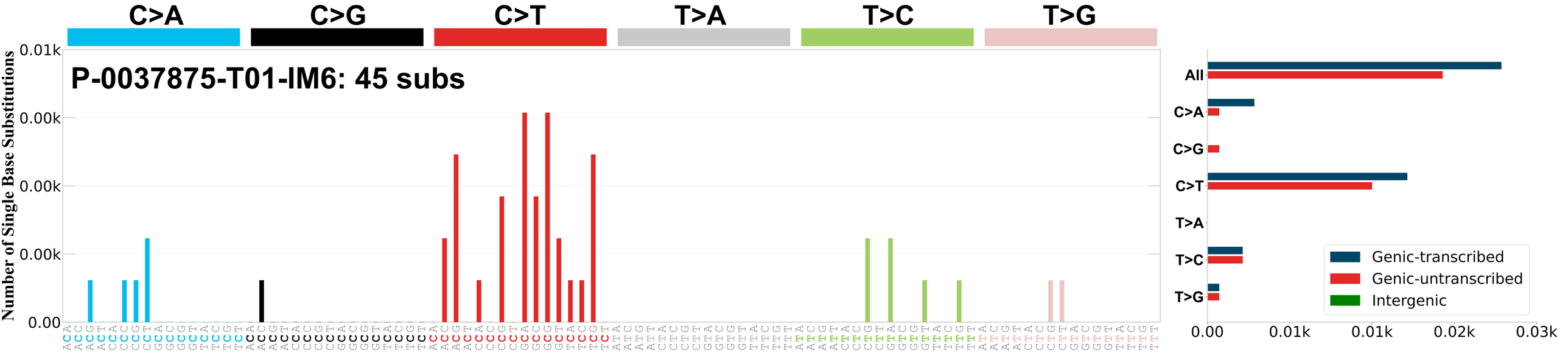

C>A
C>G
C>T
T>A
T>C
T>G
P-0037410-T01-IM6: 66 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

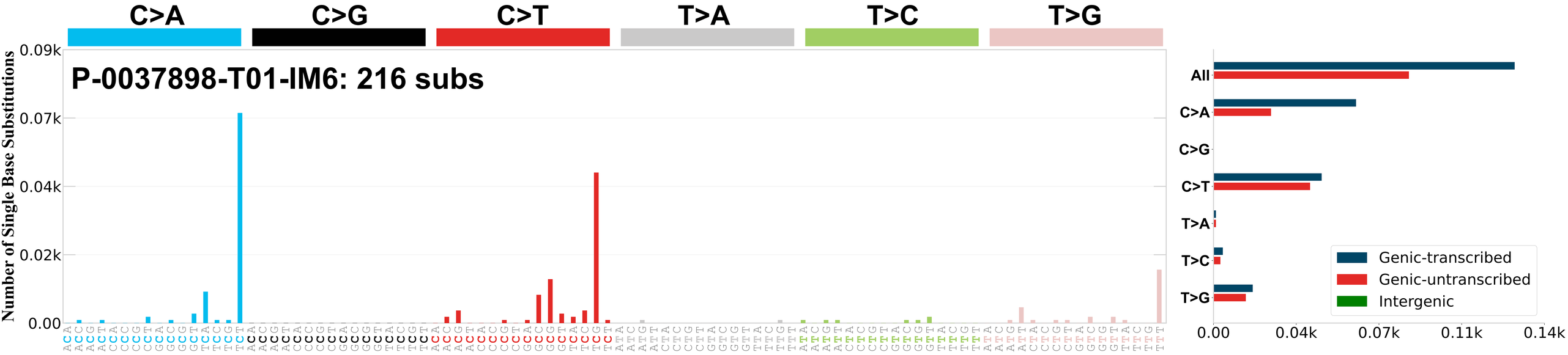

C>A
C>G
C>T
T>A
T>C
T>G
P-0037531-T01-IM6: 110 subs
Number of Single Base Substitutions
0.03k
0.02k
0.02k
0.01k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.02k
0.04k
0.05k
0.07k

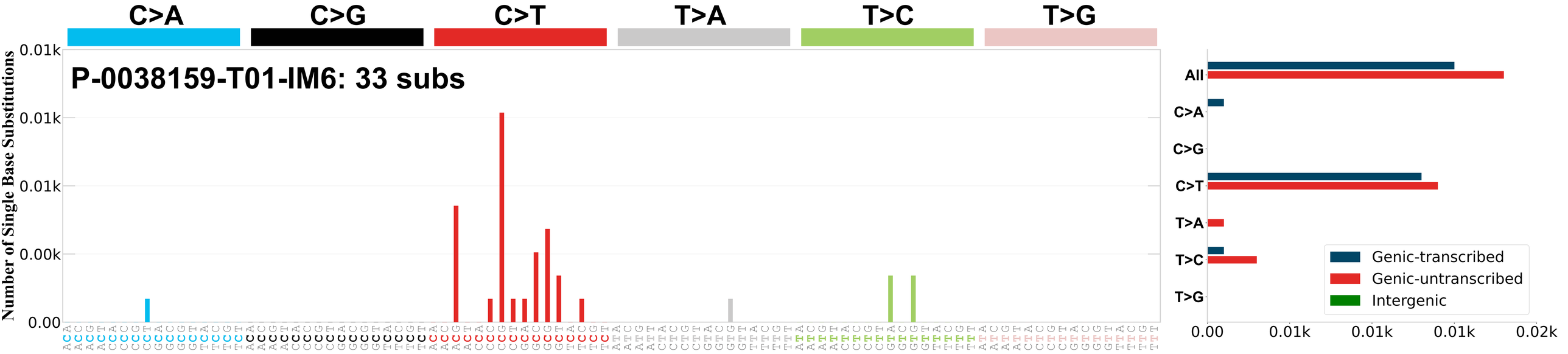

C>A
C>G
C>T
T>A
T>C
T>G
P-0037582-T01-IM6: 31 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.01k
0.02k

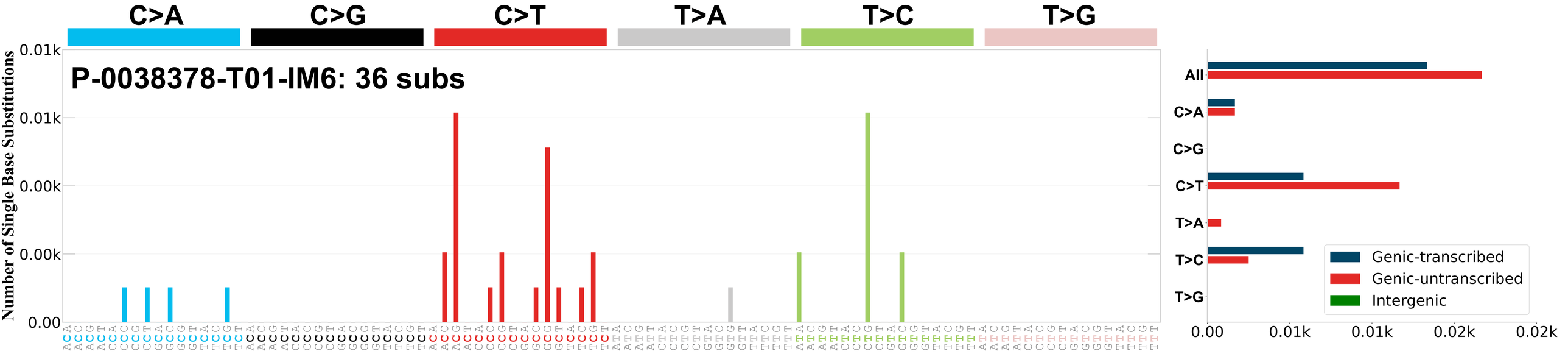

C>A
C>G
C>T
T>A
T>C
T>G
P-0037838-T02-IM6: 31 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.01k
0.02k

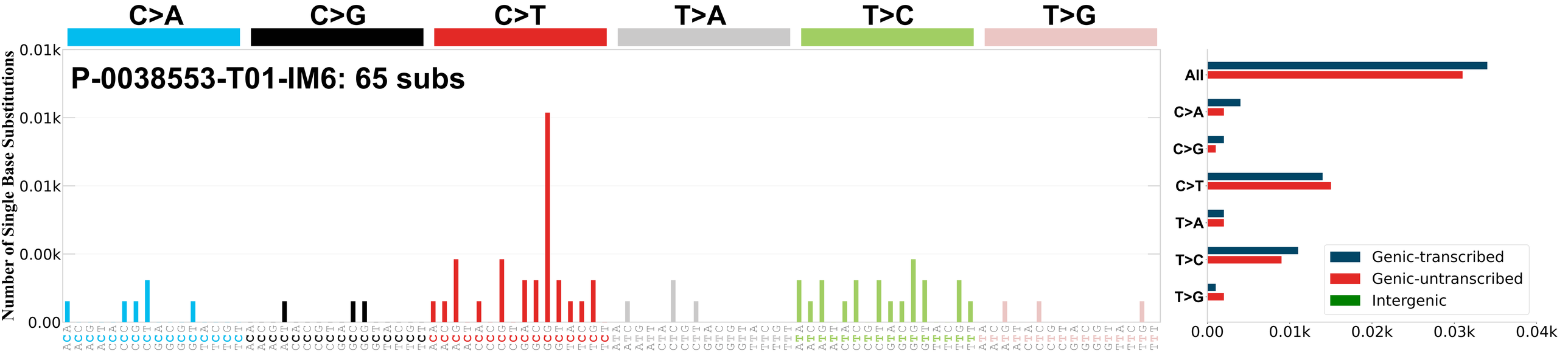

C>A
C>G
C>T
T>A
T>C
T>G
P-0037867-T01-IM6: 45 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.02k
0.03k

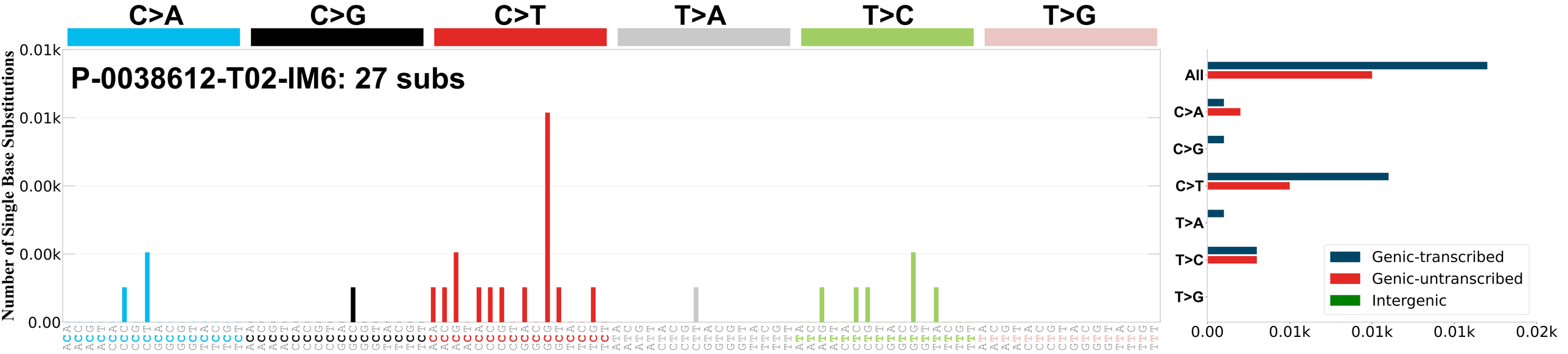

C>A
C>G
C>T
T>A
T>C
T>G
P-0037875-T01-IM6: 45 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

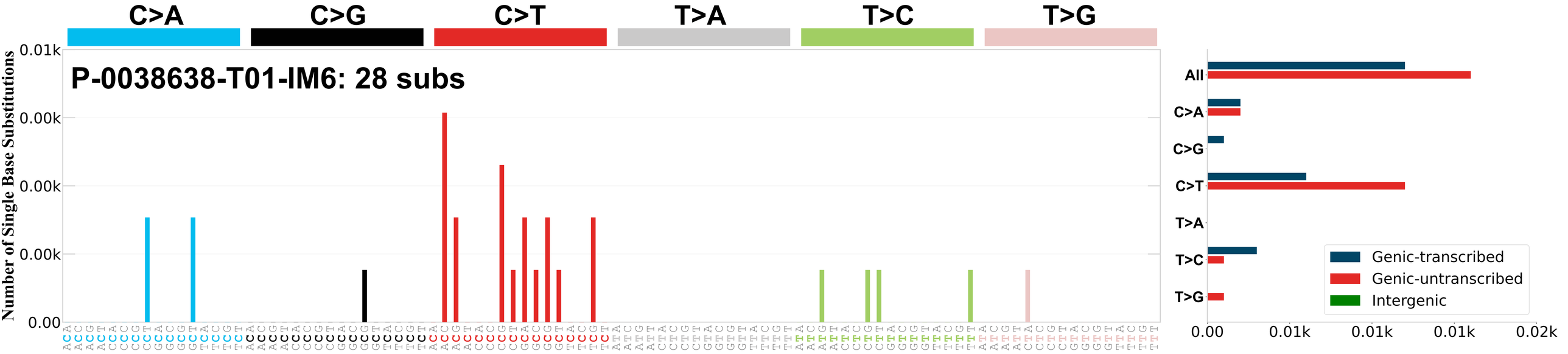

C>A
C>G
C>T
T>A
T>C
T>G
P-0037898-T01-IM6: 216 subs
Number of Single Base Substitutions
0.09k
0.07k
0.04k
0.02k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.04k
0.07k
0.11k
0.14k

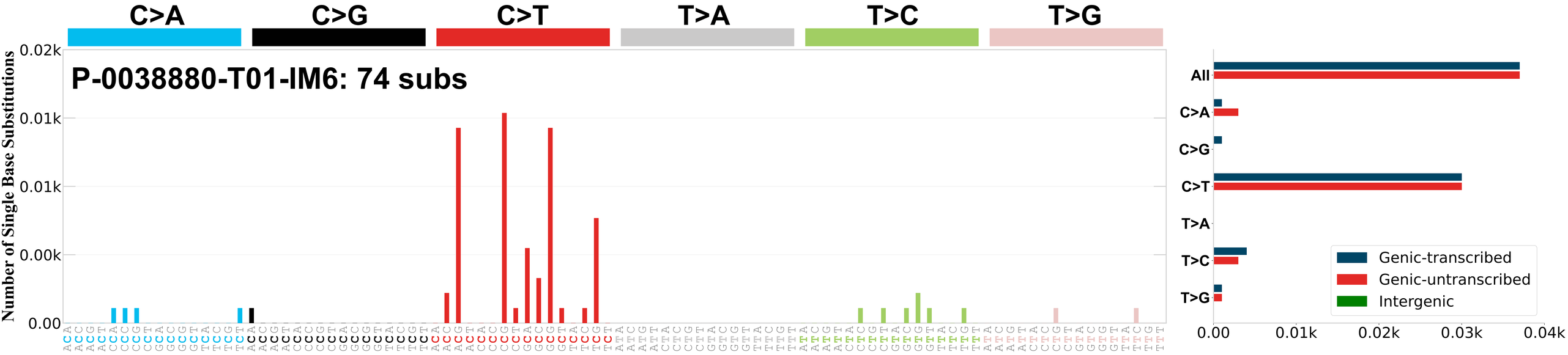

C>A
C>G
C>T
T>A
T>C
T>G
P-0038159-T01-IM6: 33 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.01k
0.02k

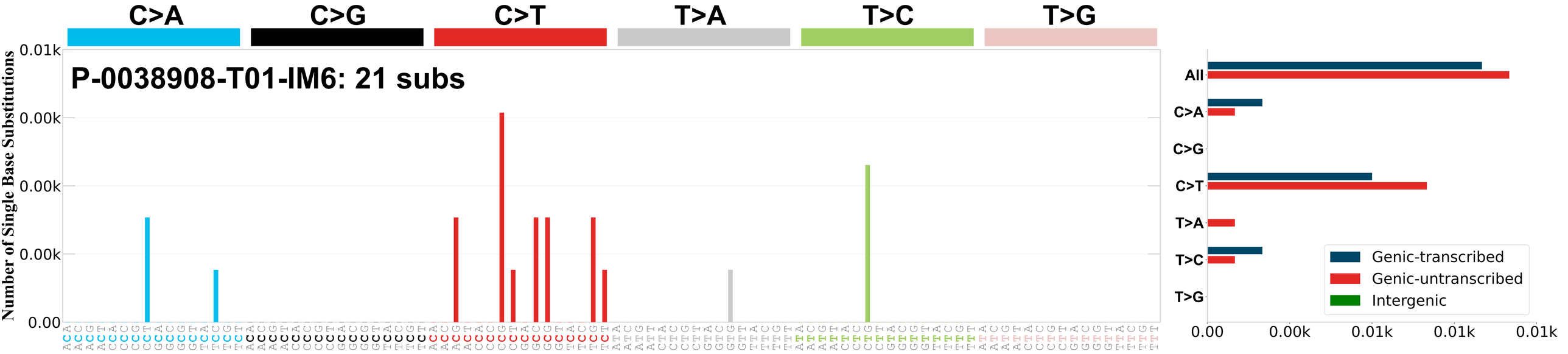

C>A
C>G
C>T
T>A
T>C
T>G
P-0038378-T01-IM6: 36 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

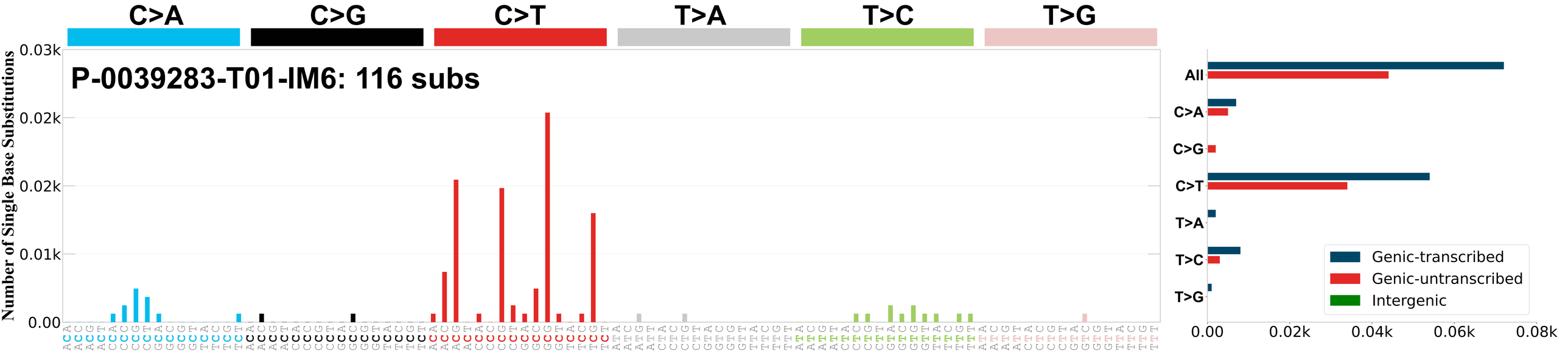

C>A
C>G
C>T
T>A
T>C
T>G
P-0038553-T01-IM6: 65 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

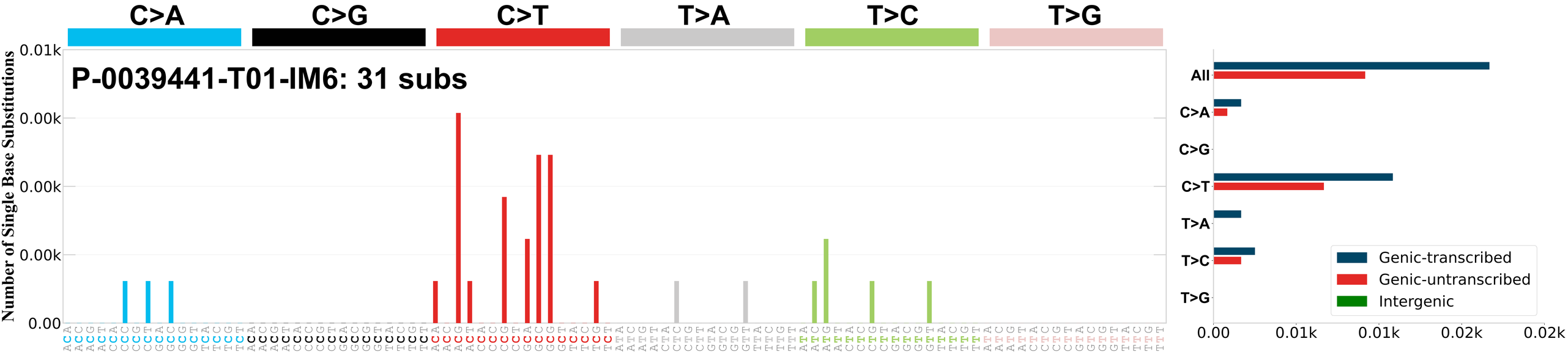

C>A
C>G
C>T
T>A
T>C
T>G
P-0038612-T02-IM6: 27 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.01k
0.02k

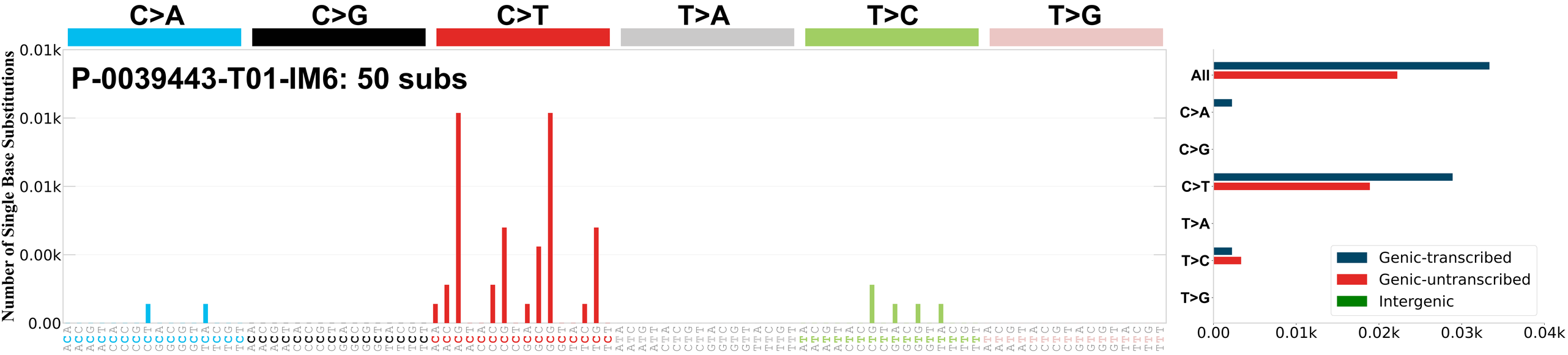

C>A
C>G
C>T
T>A
T>C
T>G
P-0038638-T01-IM6: 28 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.01k
0.02k

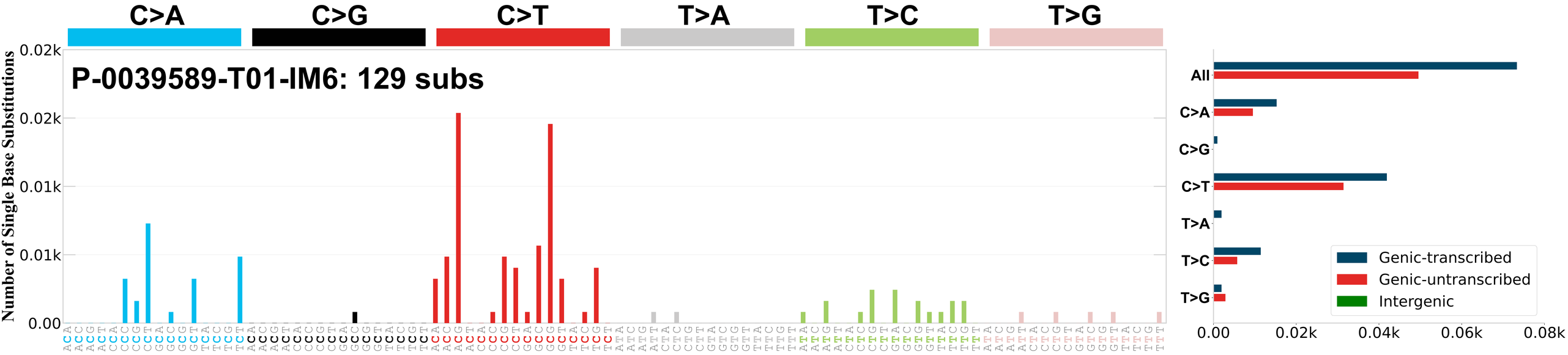

C>A
C>G
C>T
T>A
T>C
T>G
P-0038880-T01-IM6: 74 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

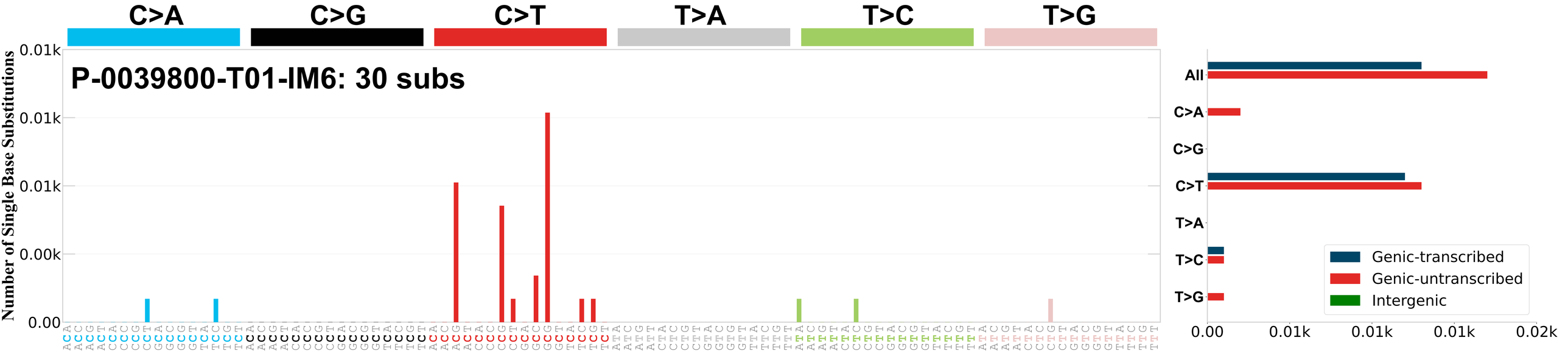

C>A
C>G
C>T
T>A
T>C
T>G
P-0038908-T01-IM6: 21 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.01k

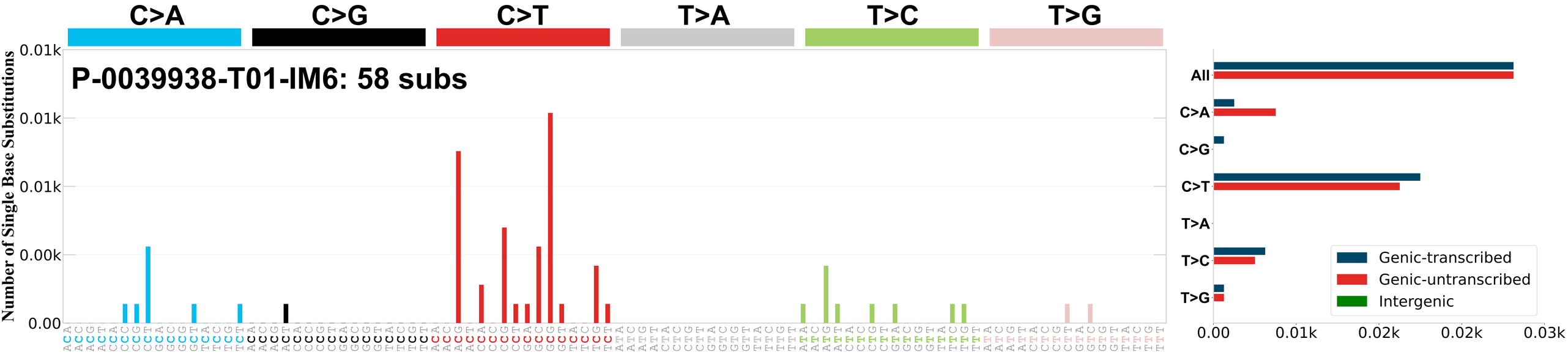

C>A
C>G
C>T
T>A
T>C
T>G
P-0039283-T01-IM6: 116 subs
Number of Single Base Substitutions
0.03k
0.02k
0.02k
0.01k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.02k
0.04k
0.06k
0.08k

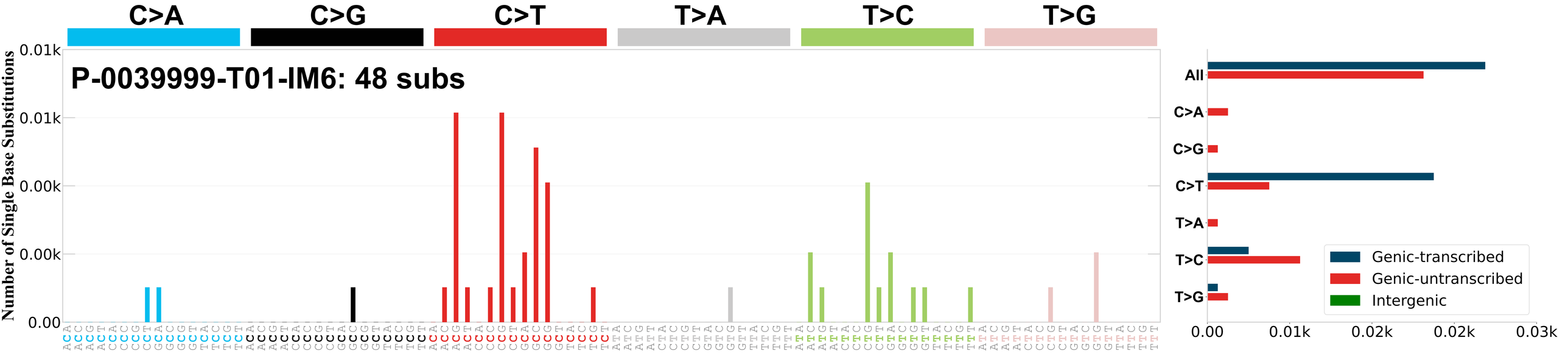

C>A
C>G
C>T
T>A
T>C
T>G
P-0039441-T01-IM6: 31 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

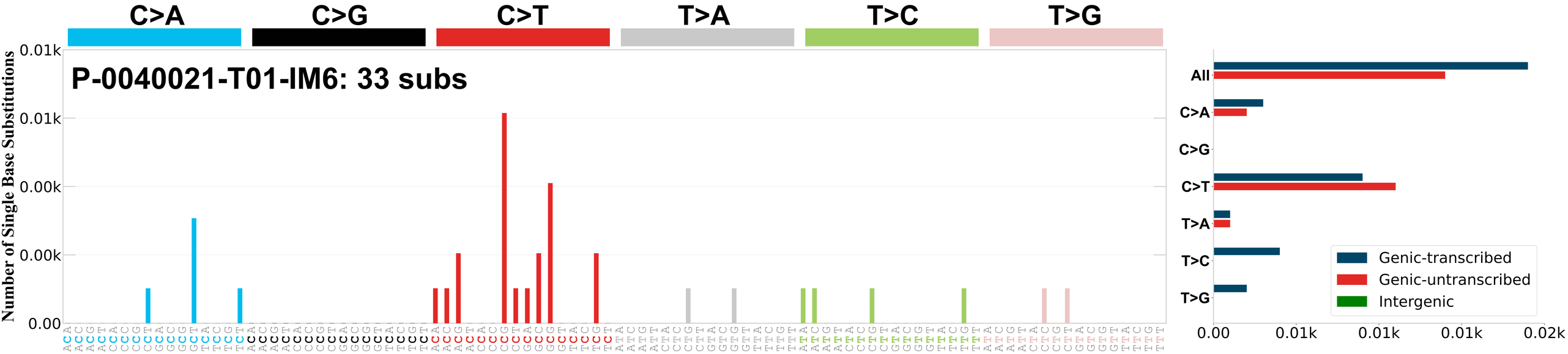

C>A
C>G
C>T
T>A
T>C
T>G
P-0039443-T01-IM6: 50 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

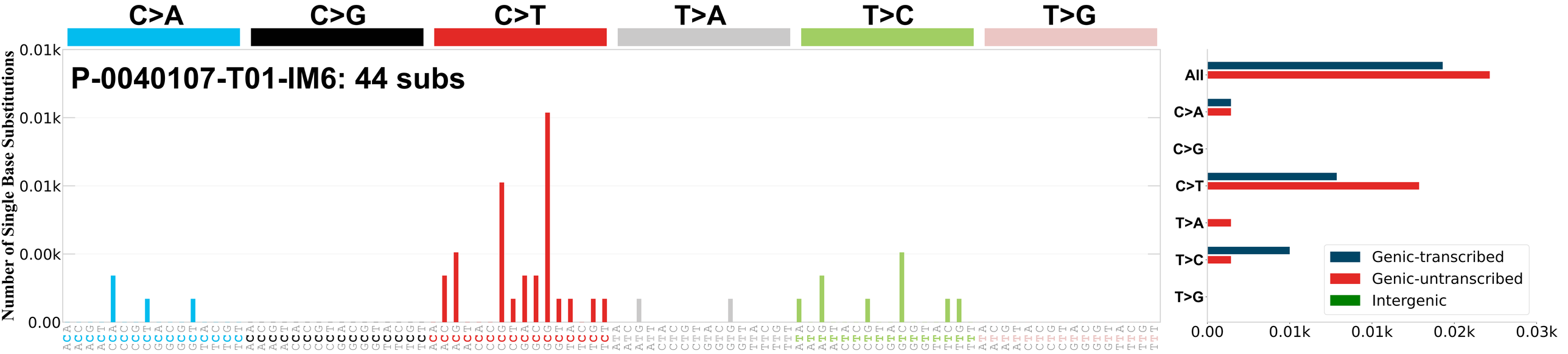

C>A
C>G
C>T
T>A
T>C
T>G
P-0039589-T01-IM6: 129 subs
Number of Single Base Substitutions
0.02k
0.02k
0.01k
0.01k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.02k
0.04k
0.06k
0.08k

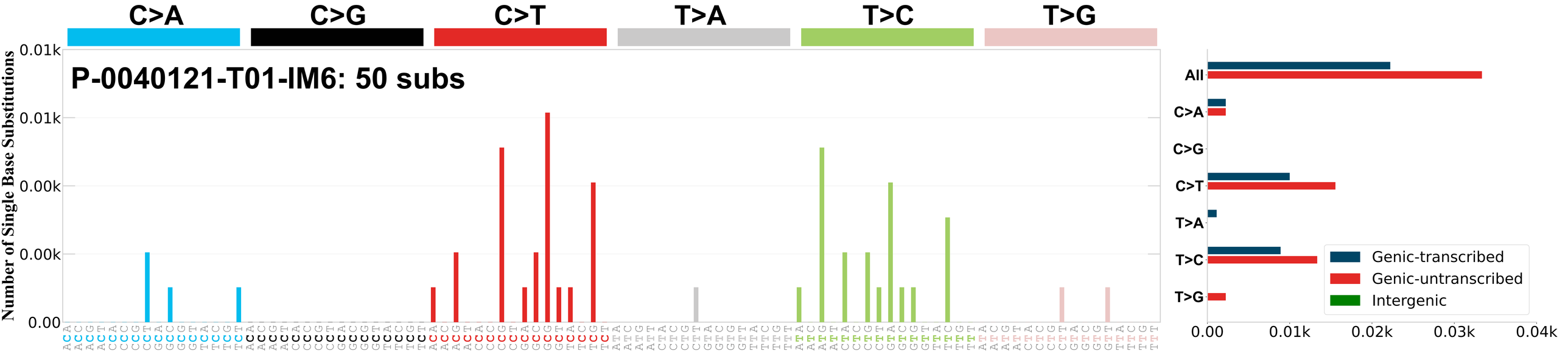

C>A
C>G
C>T
T>A
T>C
T>G
P-0039800-T01-IM6: 30 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.01k
0.02k

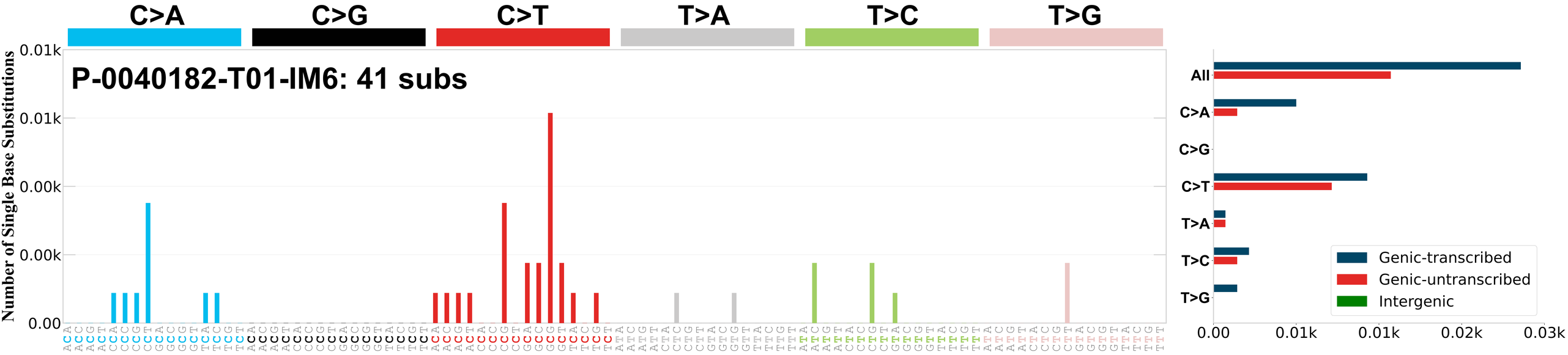

C>A
C>G
C>T
T>A
T>C
T>G
P-0039938-T01-IM6: 58 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.02k
0.03k

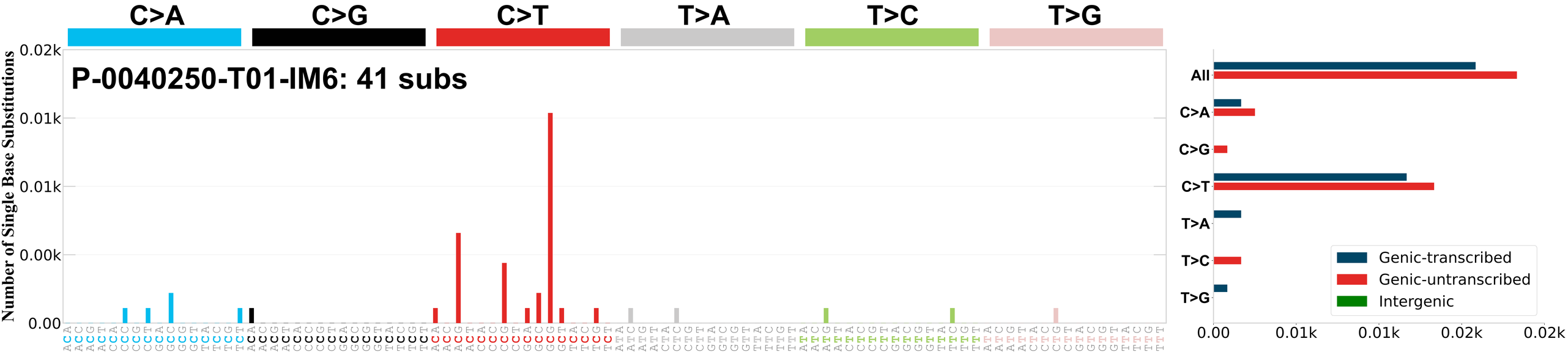

C>A
C>G
C>T
T>A
T>C
T>G
P-0039999-T01-IM6: 48 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.02k
0.03k

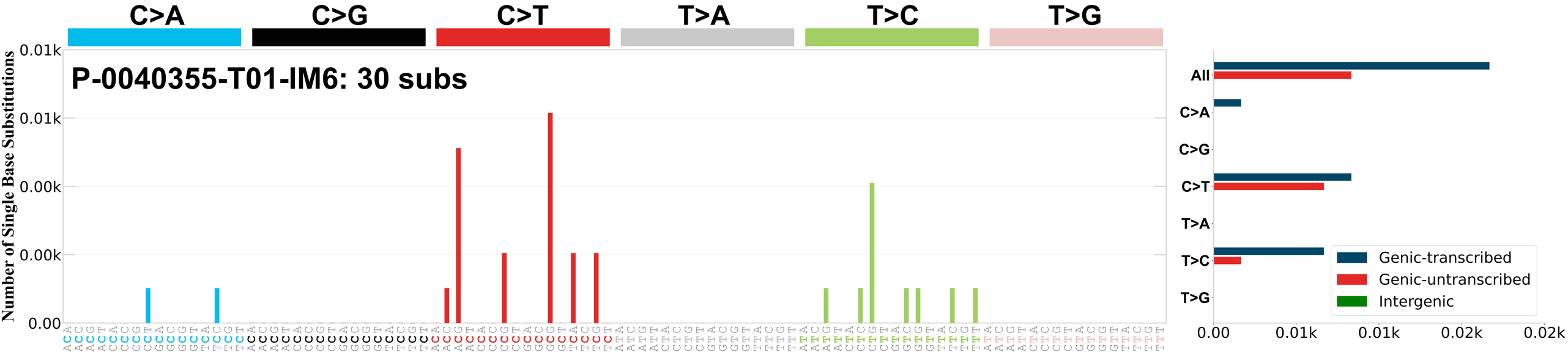

C>A
C>G
C>T
T>A
T>C
T>G
P-0040021-T01-IM6: 33 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.01k
0.02k

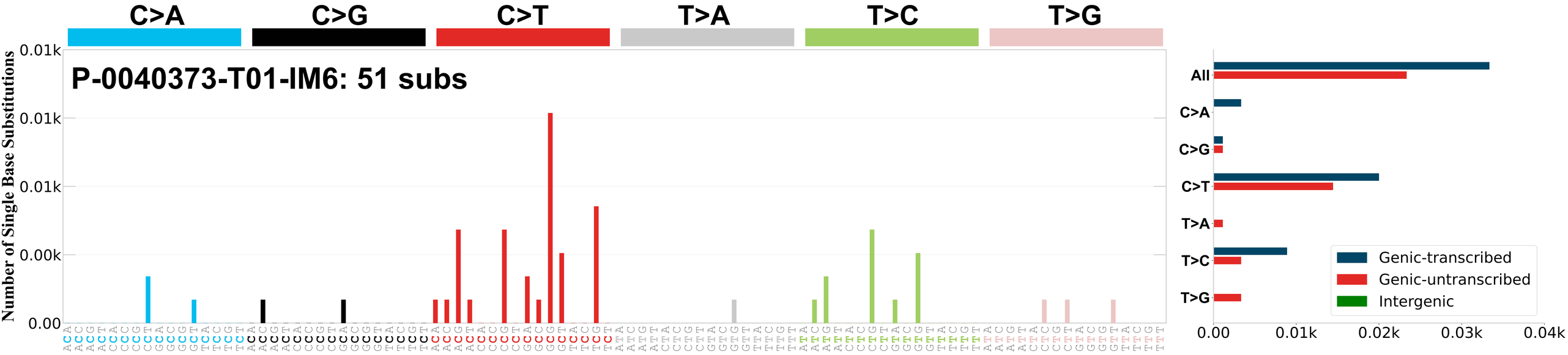

C>A
C>G
C>T
T>A
T>C
T>G
P-0040107-T01-IM6: 44 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

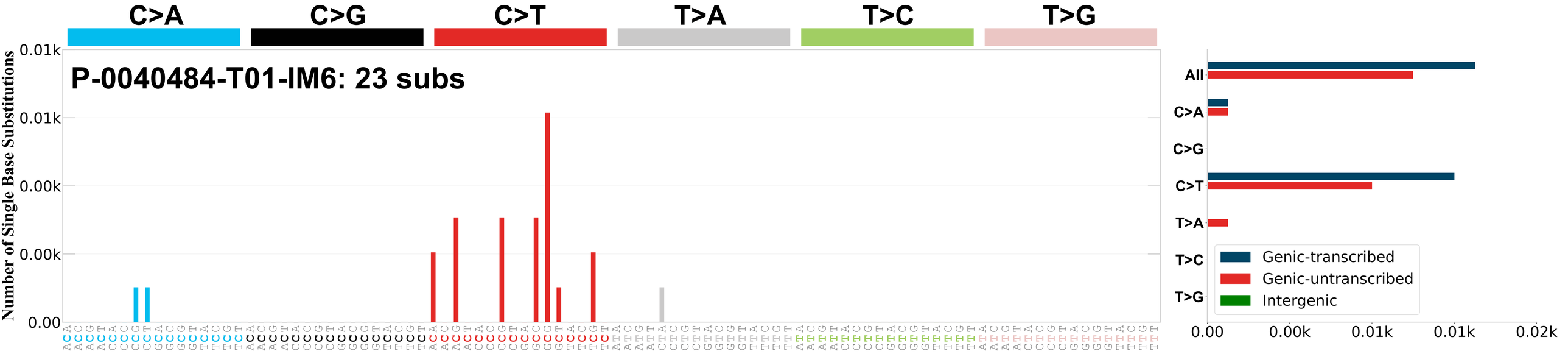

C>A
C>G
C>T
T>A
T>C
T>G
P-0040121-T01-IM6: 50 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

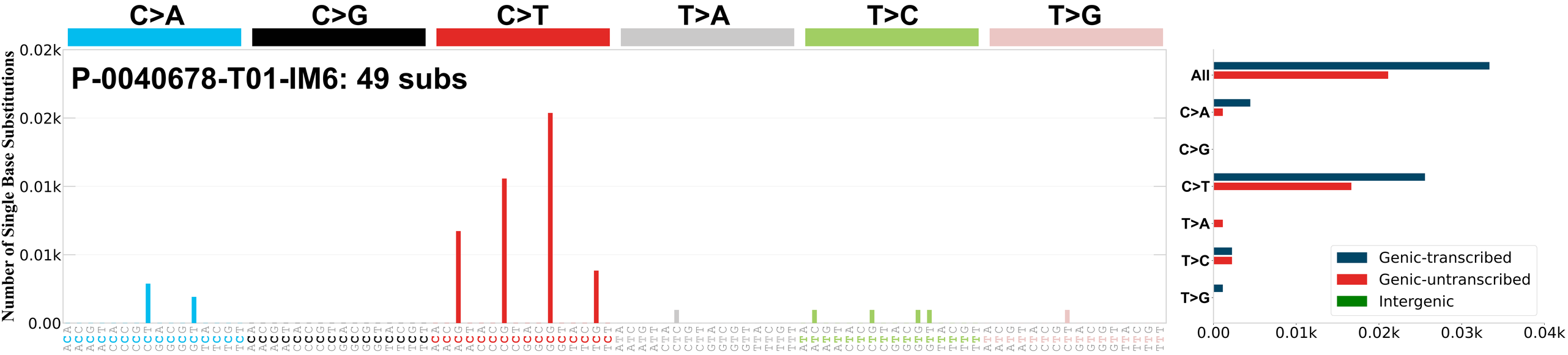

C>A
C>G
C>T
T>A
T>C
T>G
P-0040182-T01-IM6: 41 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

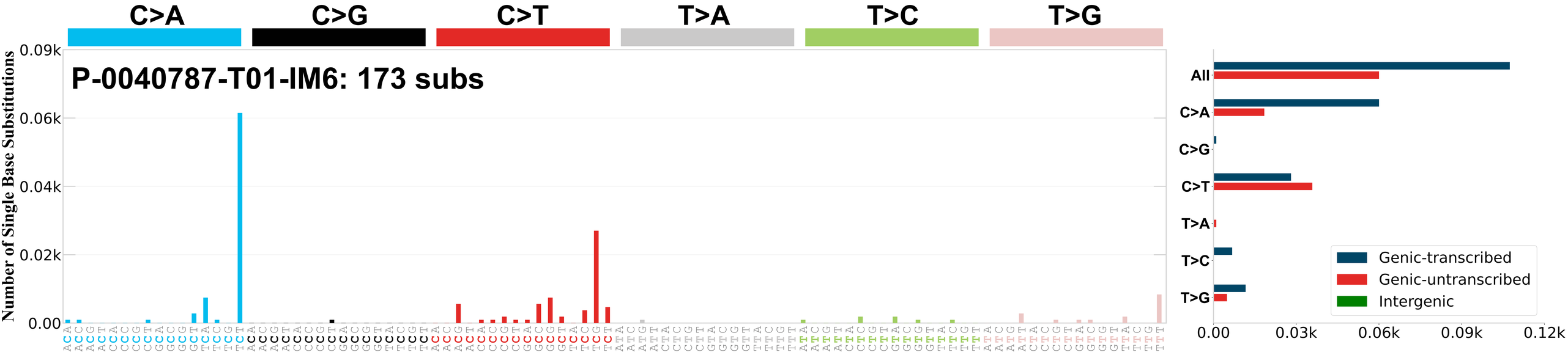

C>A
C>G
C>T
T>A
T>C
T>G
P-0040250-T01-IM6: 41 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

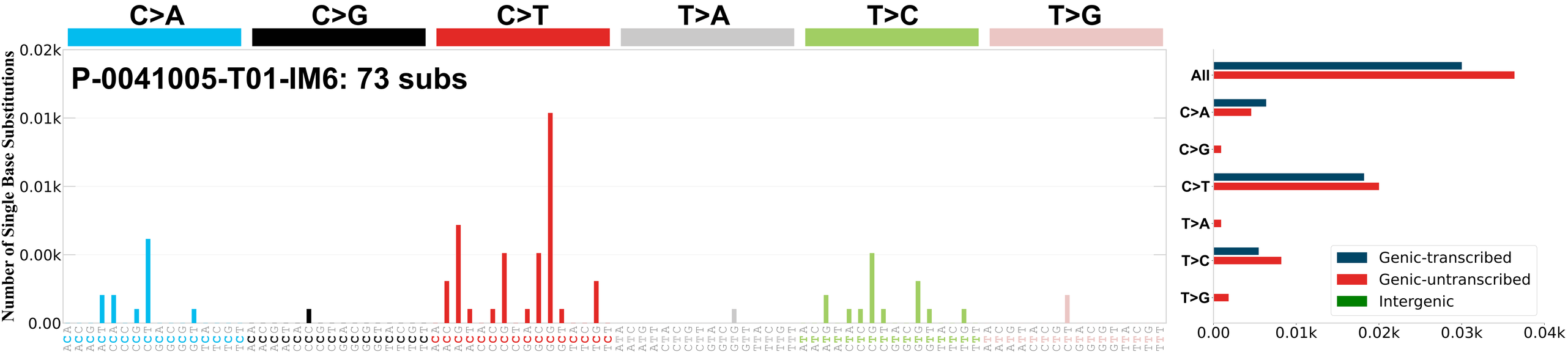

C>A
C>G
C>T
T>A
T>C
T>G
P-0040355-T01-IM6: 30 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

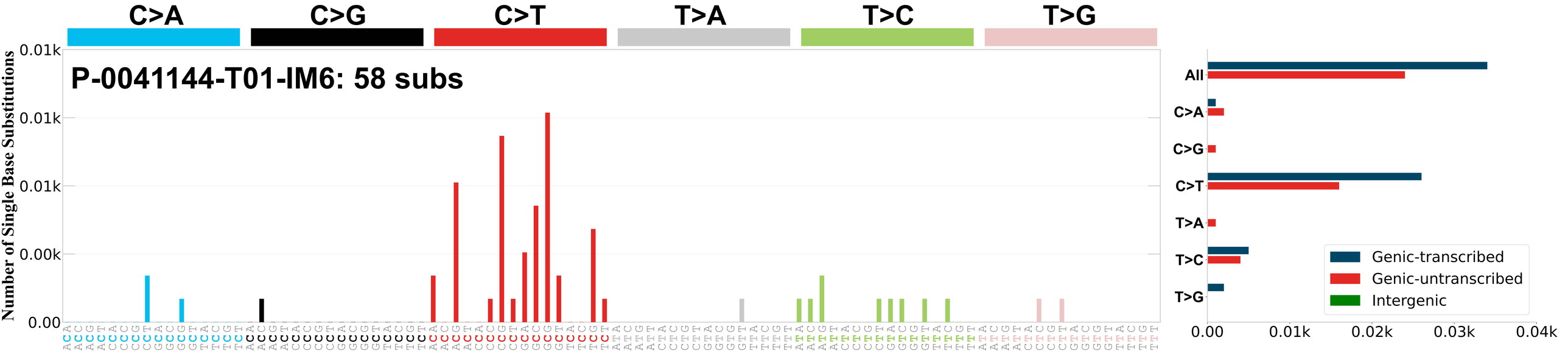

C>A
C>G
C>T
T>A
T>C
T>G
P-0040373-T01-IM6: 51 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

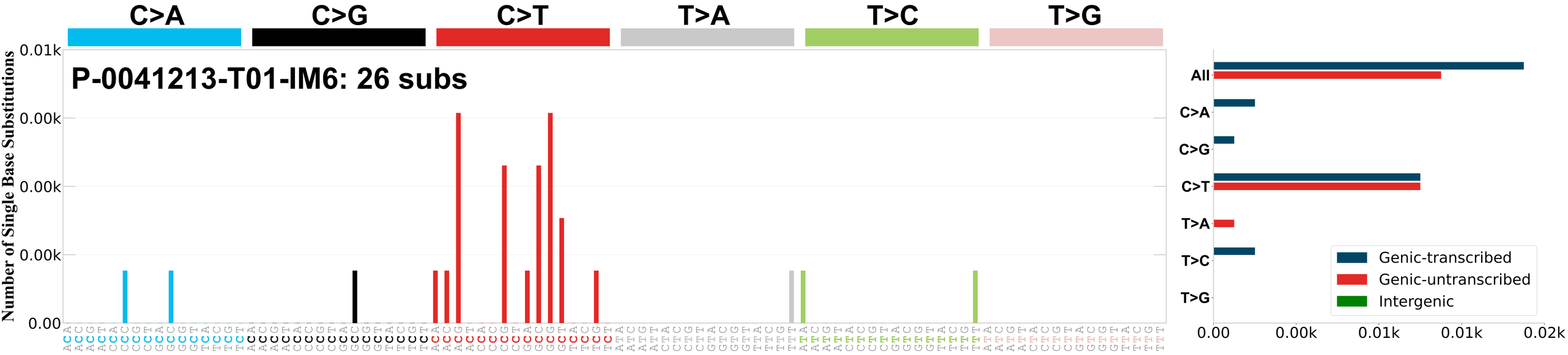

C>A
C>G
C>T
T>A
T>C
T>G
P-0040484-T01-IM6: 23 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.02k

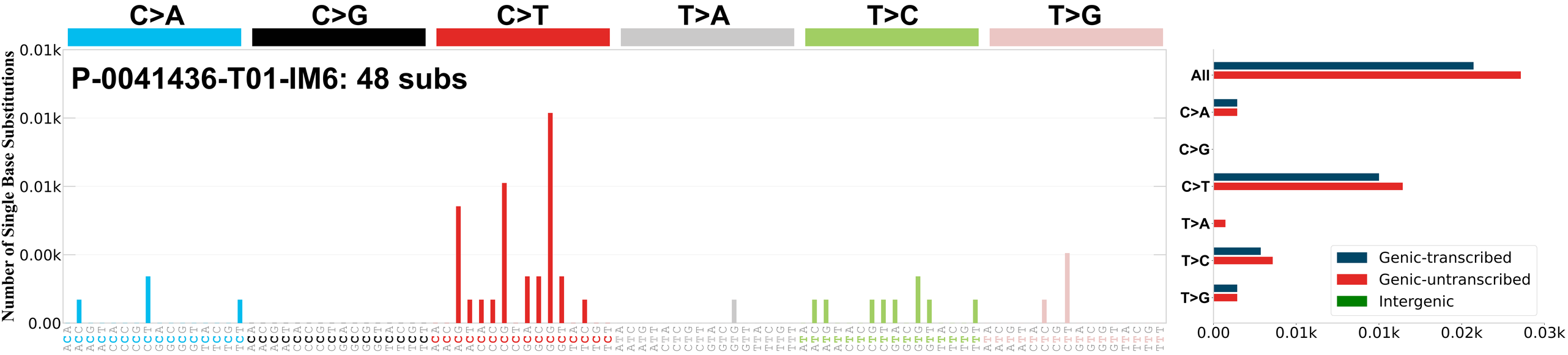

C>A
C>G
C>T
T>A
T>C
T>G
P-0040678-T01-IM6: 49 subs
Number of Single Base Substitutions
0.02k
0.02k
0.01k
0.01k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

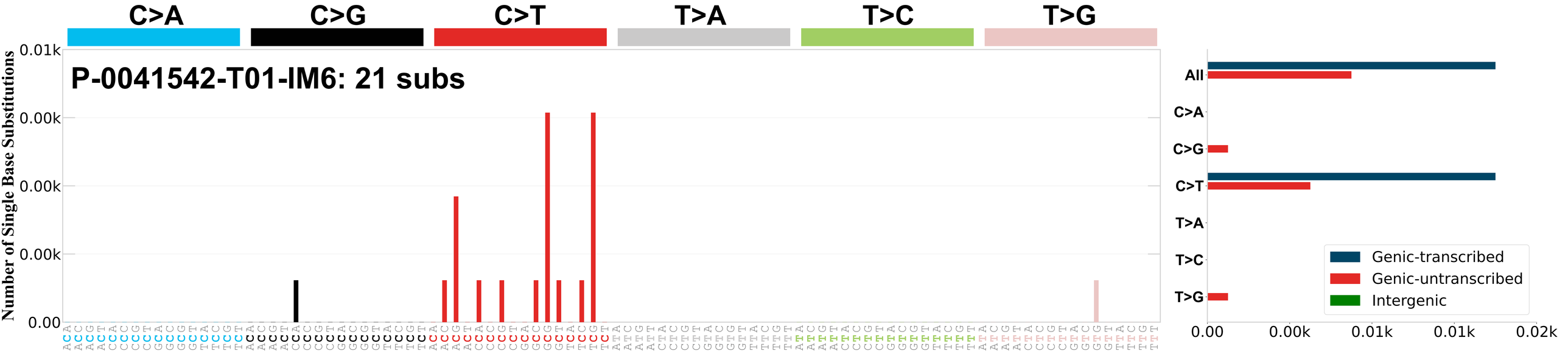

C>A
C>G
C>T
T>A
T>C
T>G
P-0040787-T01-IM6: 173 subs
Number of Single Base Substitutions
0.09k
0.06k
0.04k
0.02k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.03k
0.06k
0.09k
0.12k

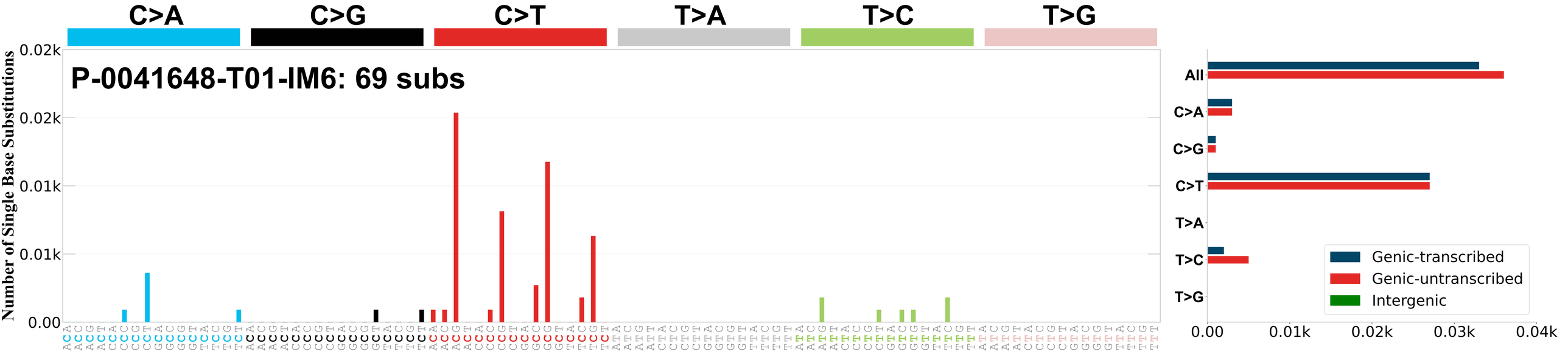

C>A
C>G
C>T
T>A
T>C
T>G
P-0041005-T01-IM6: 73 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

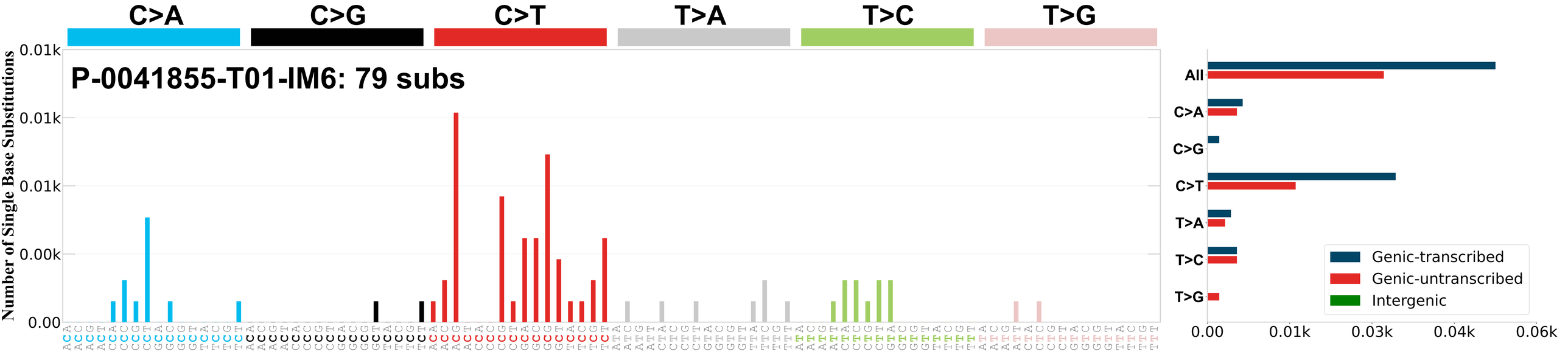

C>A
C>G
C>T
T>A
T>C
T>G
P-0041144-T01-IM6: 58 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

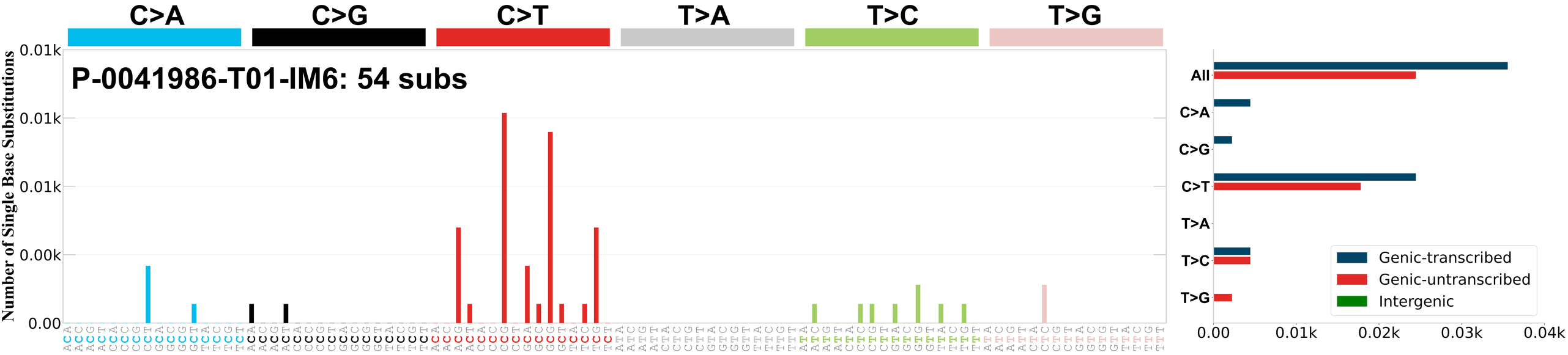

C>A
C>G
C>T
T>A
T>C
T>G
P-0041213-T01-IM6: 26 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.02k

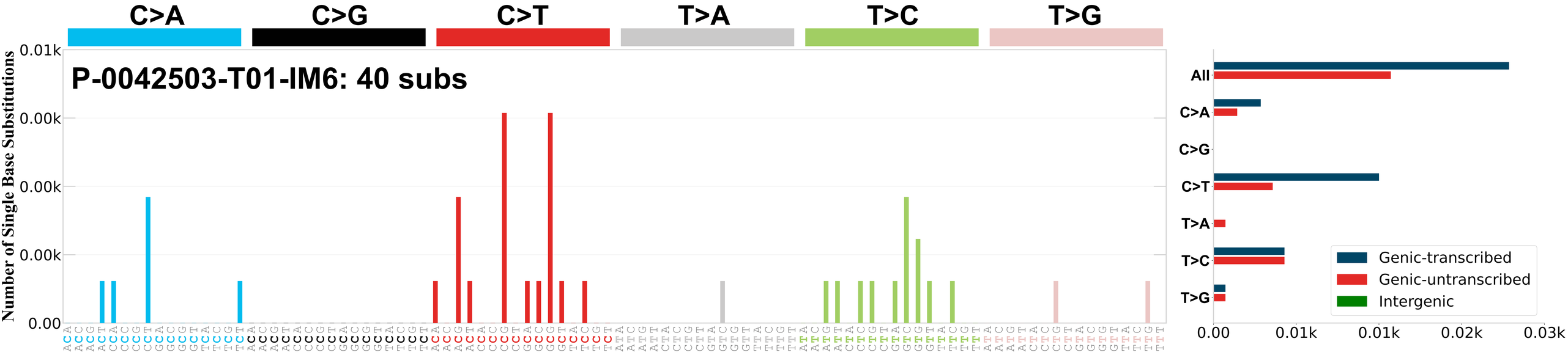

C>A
C>G
C>T
T>A
T>C
T>G
P-0041436-T01-IM6: 48 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

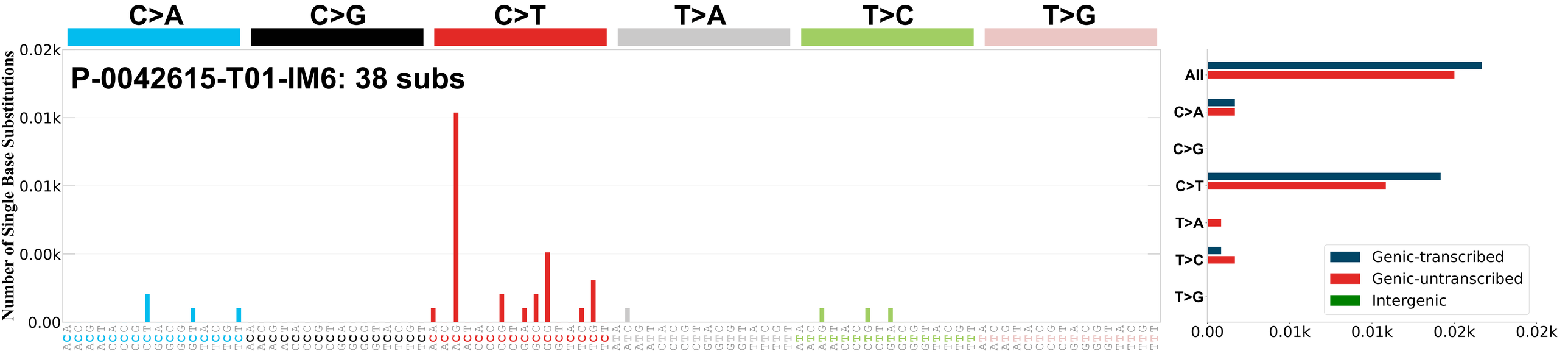

C>A
C>G
C>T
T>A
T>C
T>G
P-0041542-T01-IM6: 21 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.02k

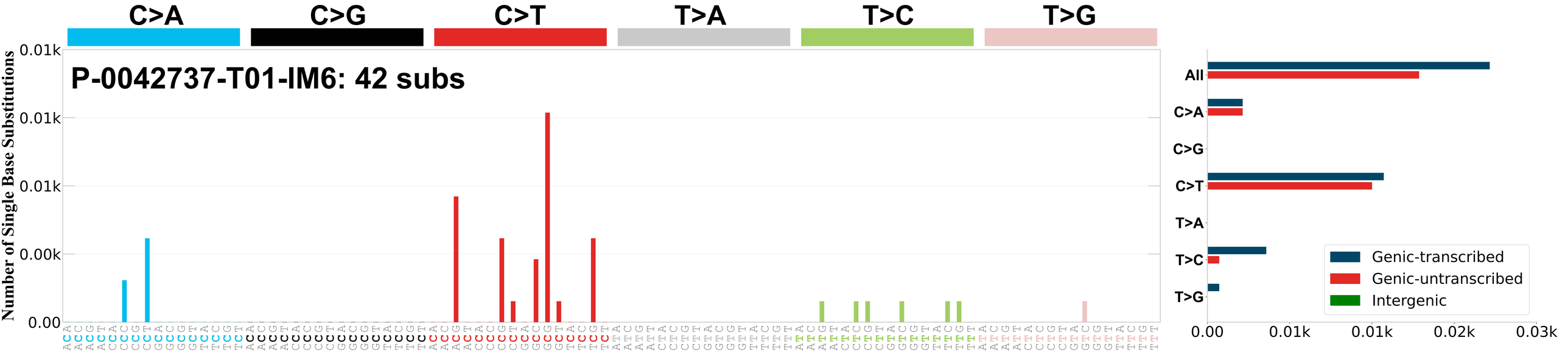

C>A
C>G
C>T
T>A
T>C
T>G
P-0041648-T01-IM6: 69 subs
Number of Single Base Substitutions
0.02k
0.02k
0.01k
0.01k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

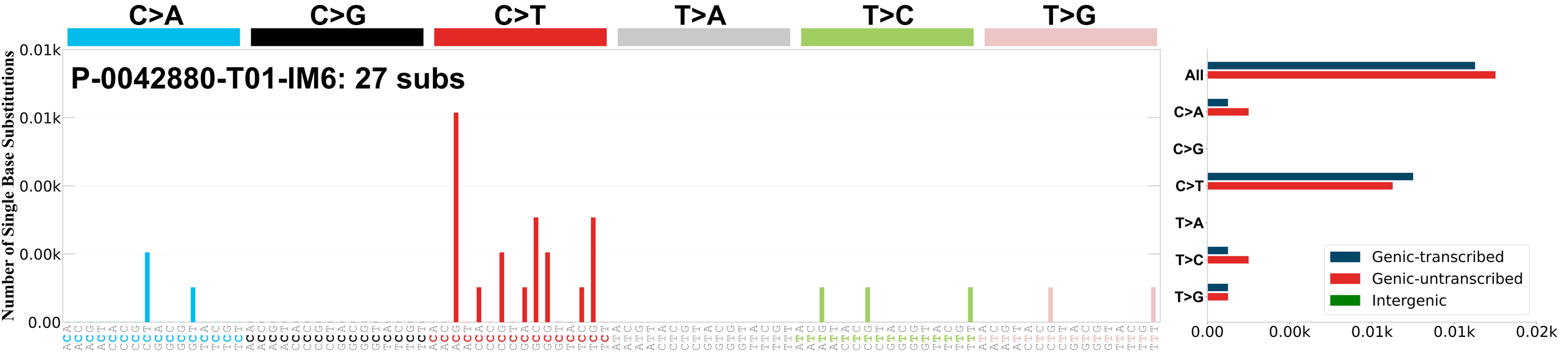

C>A
C>G
C>T
T>A
T>C
T>G
P-0041855-T01-IM6: 79 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.03k
0.04k
0.06k

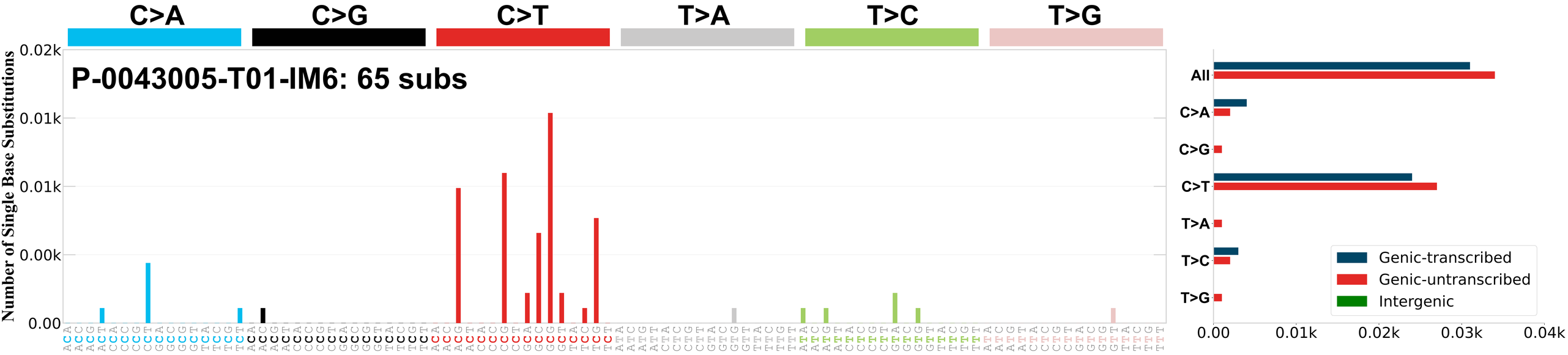

C>A
C>G
C>T
T>A
T>C
T>G
P-0041986-T01-IM6: 54 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

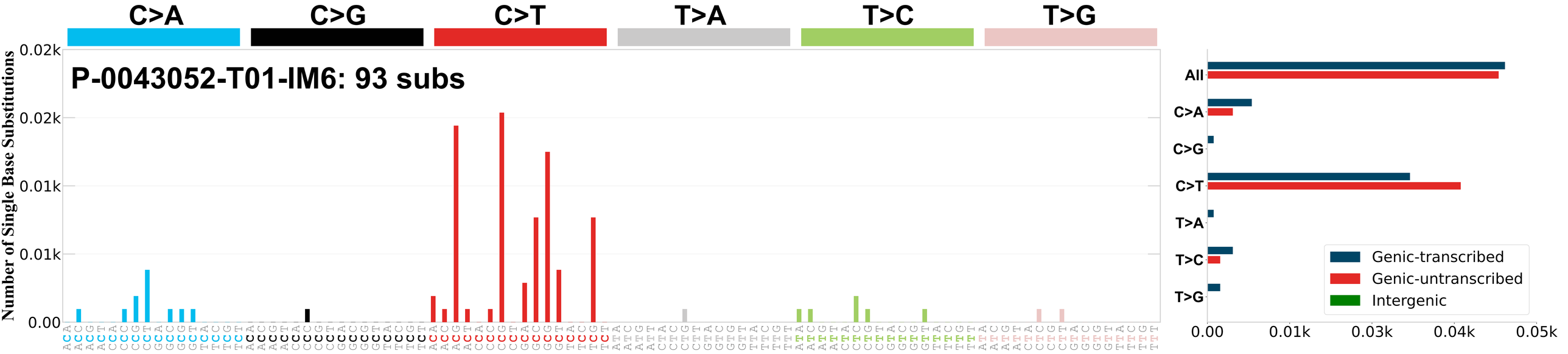

C>A
C>G
C>T
T>A
T>C
T>G
P-0042503-T01-IM6: 40 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

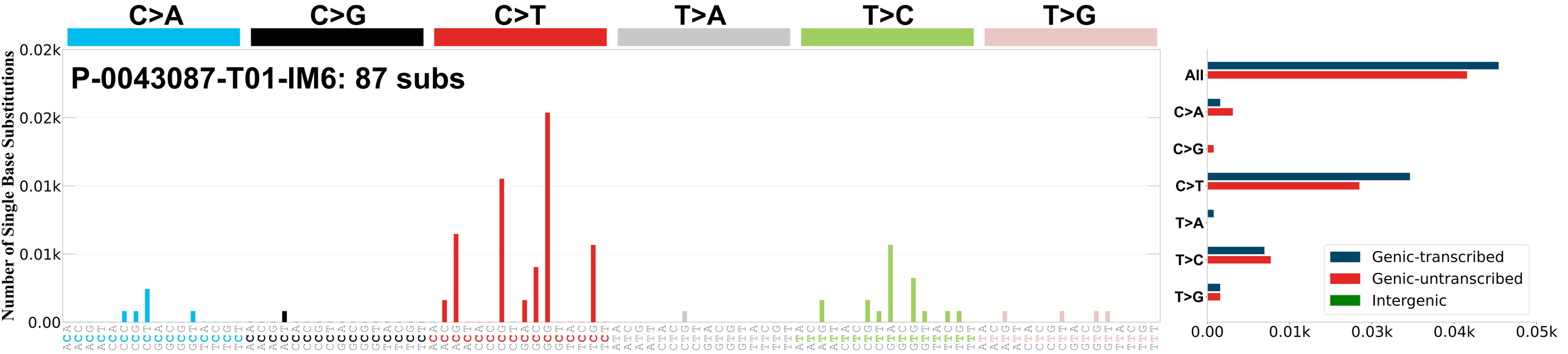

C>A
C>G
C>T
T>A
T>C
T>G
P-0042615-T01-IM6: 38 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

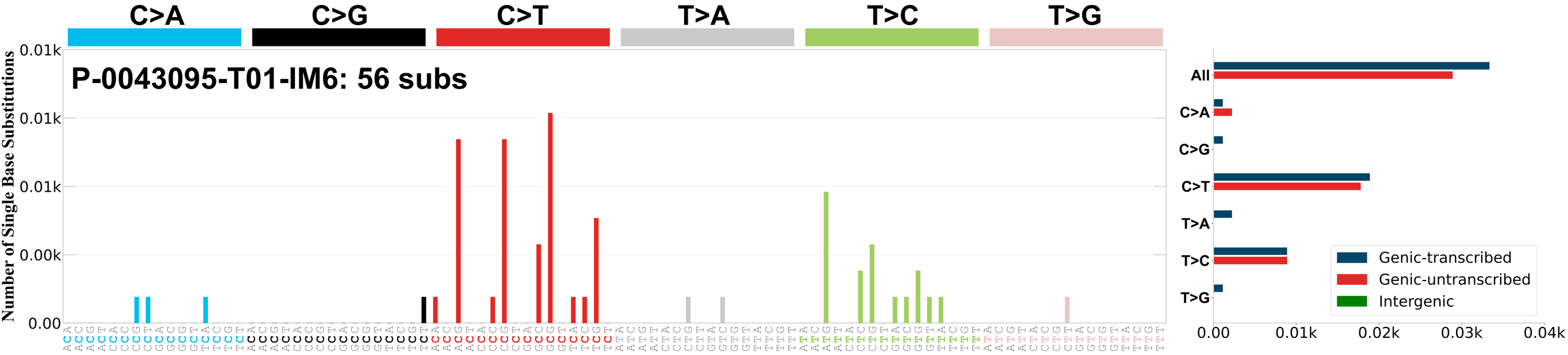

C>A
C>G
C>T
T>A
T>C
T>G
P-0042737-T01-IM6: 42 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

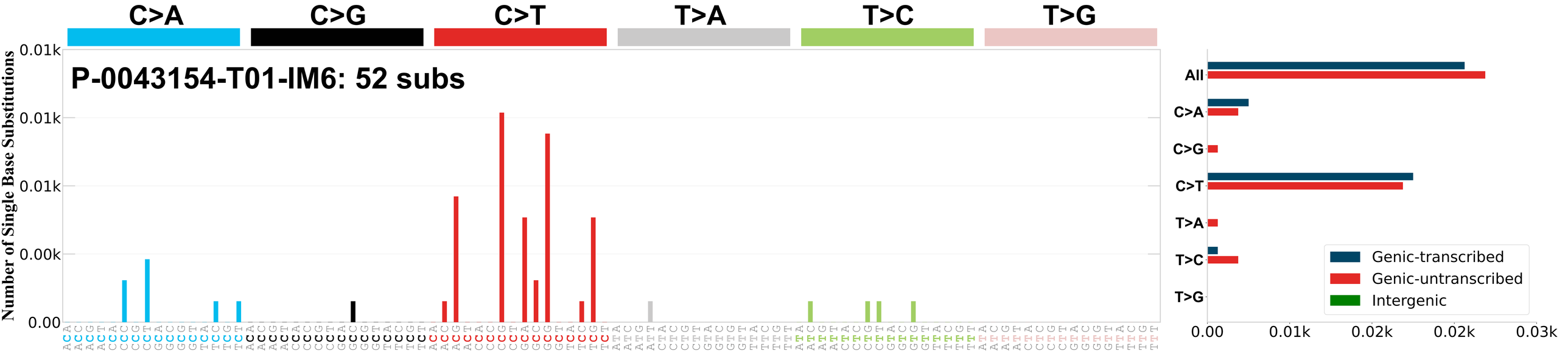

C>A
C>G
C>T
T>A
T>C
T>G
P-0042880-T01-IM6: 27 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.02k

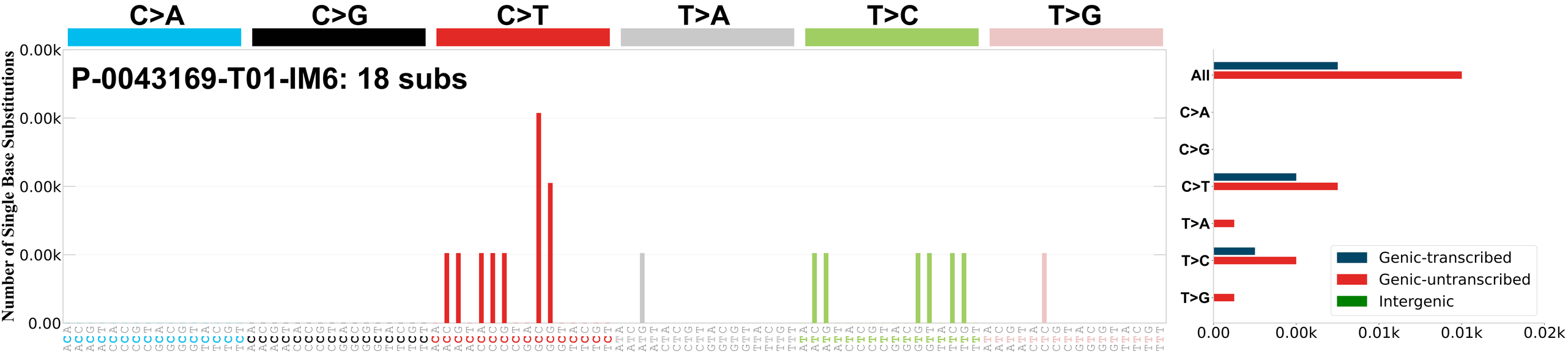

C>A
C>G
C>T
T>A
T>C
T>G
P-0043005-T01-IM6: 65 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

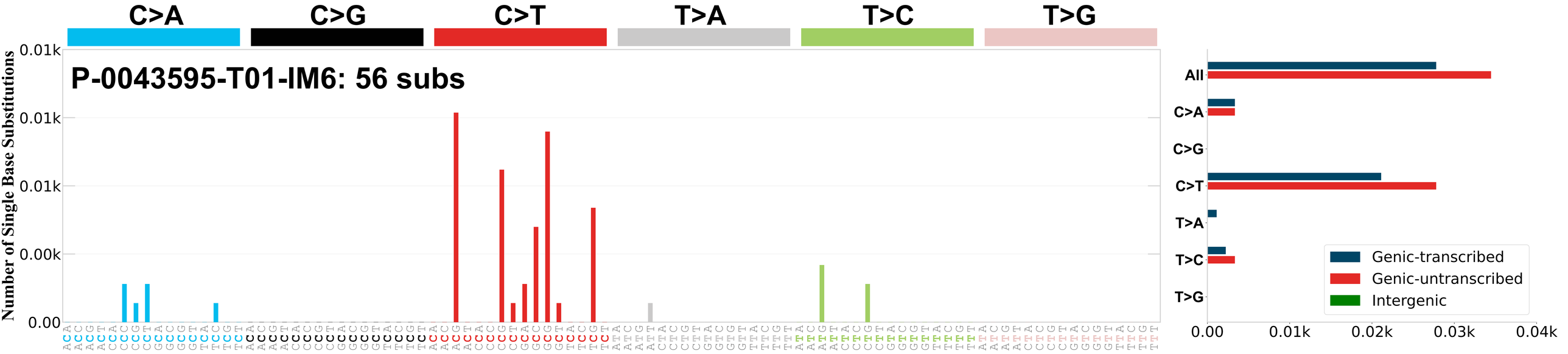

C>A
C>G
C>T
T>A
T>C
T>G
P-0043052-T01-IM6: 93 subs
Number of Single Base Substitutions
0.02k
0.02k
0.01k
0.01k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.03k
0.04k
0.05k

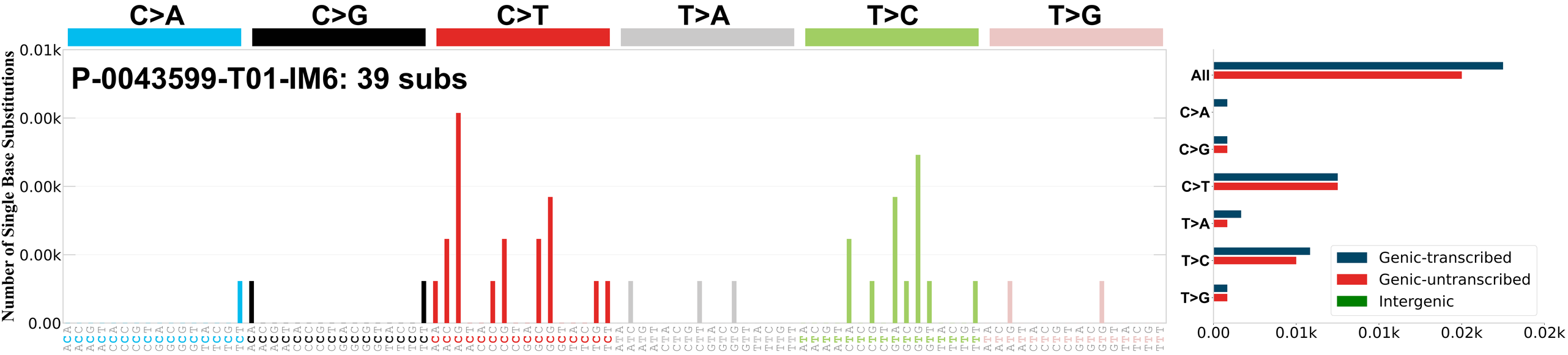

C>A
C>G
C>T
T>A
T>C
T>G
P-0043087-T01-IM6: 87 subs
Number of Single Base Substitutions
0.02k
0.02k
0.01k
0.01k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.03k
0.04k
0.05k

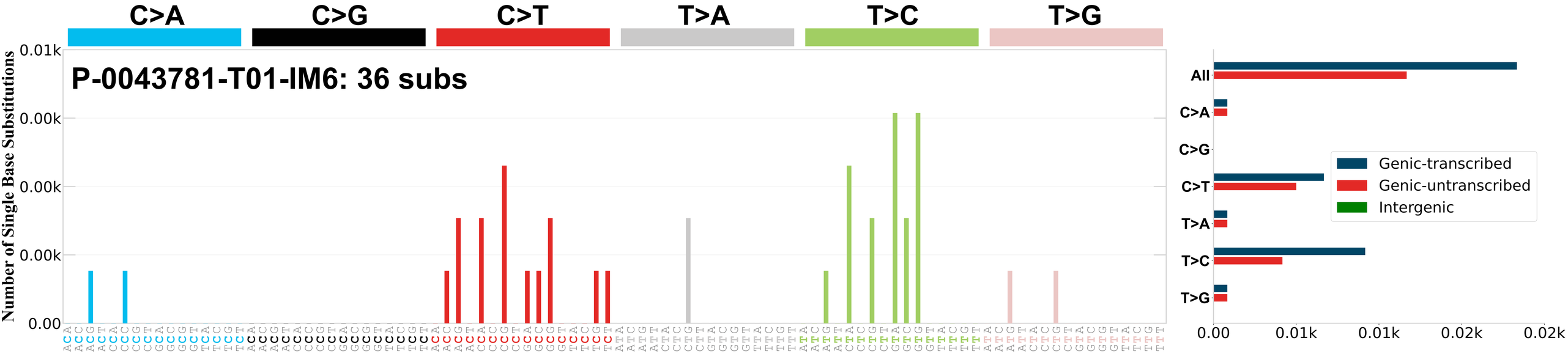

C>A
C>G
C>T
T>A
T>C
T>G
P-0043095-T01-IM6: 56 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

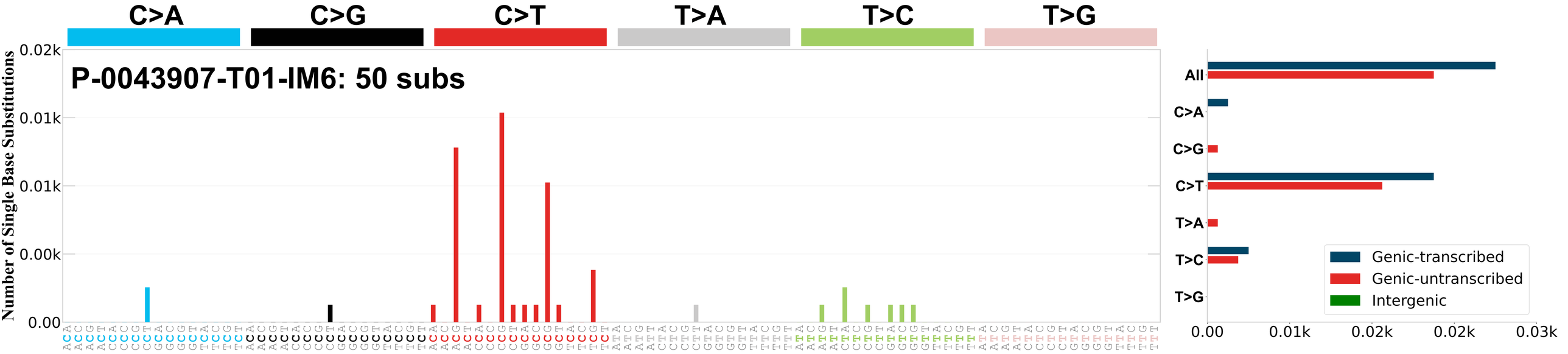

C>A
C>G
C>T
T>A
T>C
T>G
P-0043154-T01-IM6: 52 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.02k
0.03k

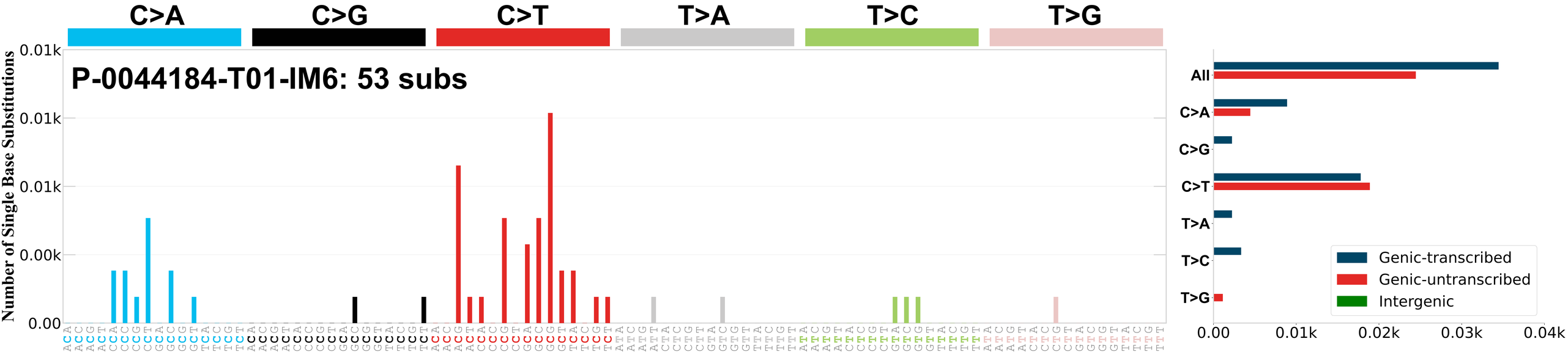

C>A
C>G
C>T
T>A
T>C
T>G
P-0043169-T01-IM6: 18 subs
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.02k

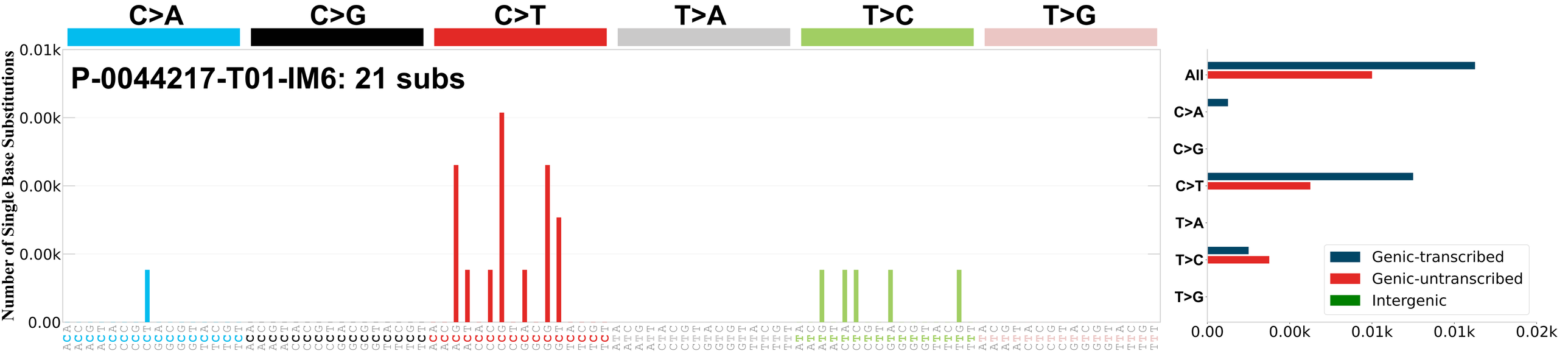

C>A
C>G
C>T
T>A
T>C
T>G
P-0043595-T01-IM6: 56 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

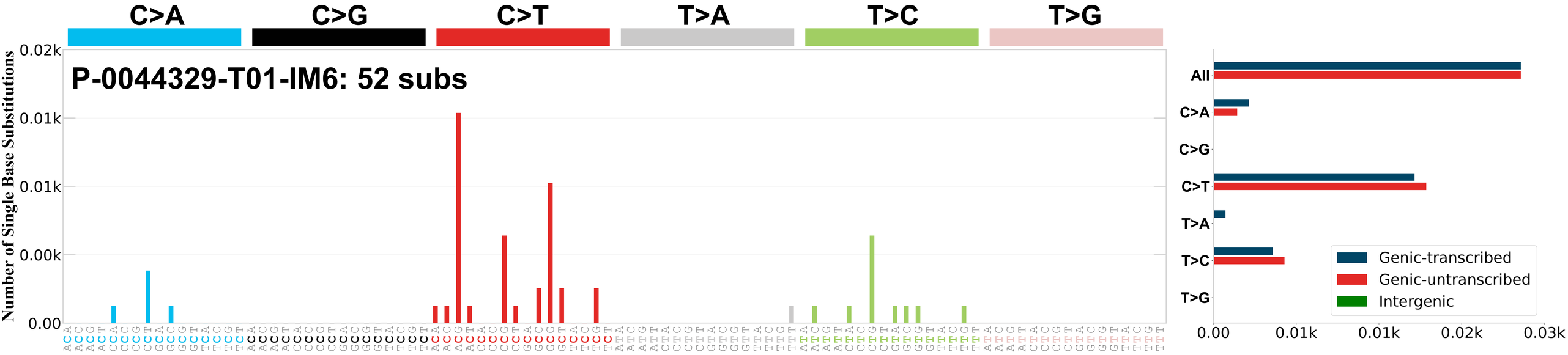

C>A
C>G
C>T
T>A
T>C
T>G
P-0043599-T01-IM6: 39 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

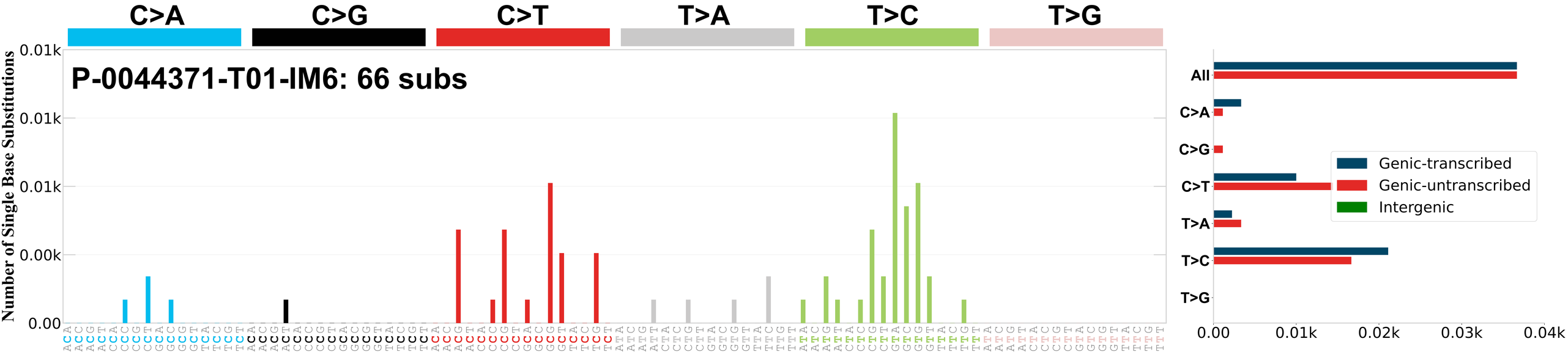

C>A
C>G
C>T
T>A
T>C
T>G
P-0043781-T01-IM6: 36 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

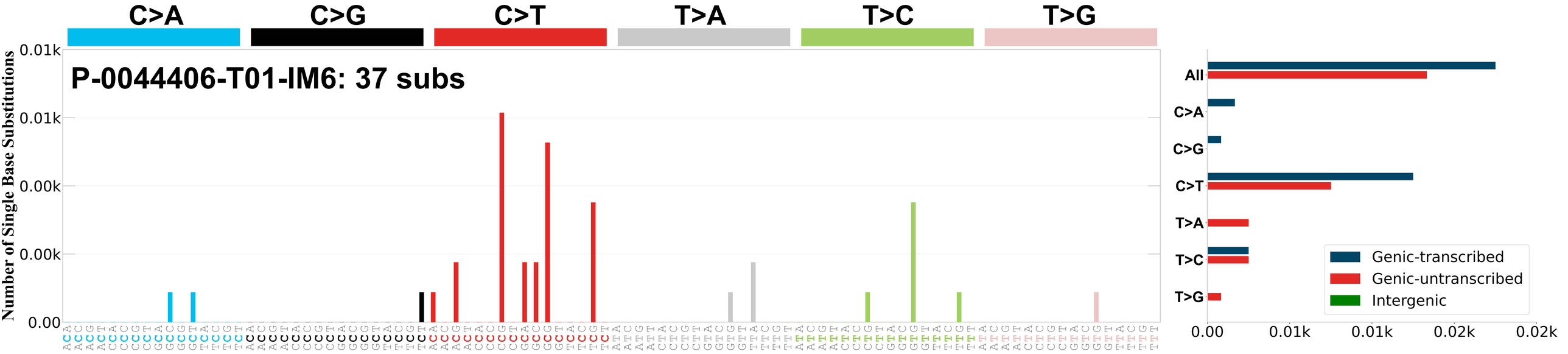

C>A
C>G
C>T
T>A
T>C
T>G
P-0043907-T01-IM6: 50 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.02k
0.03k

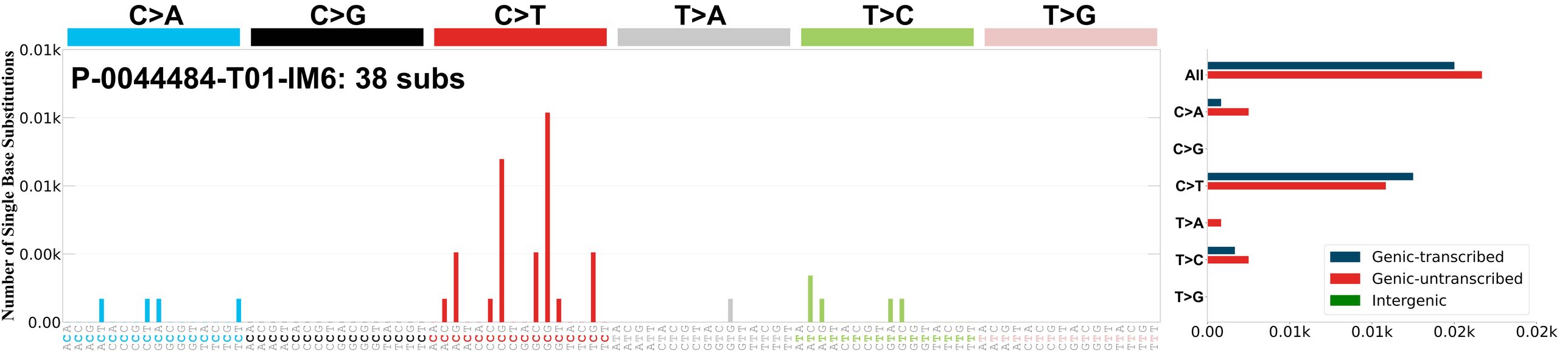

C>A
C>G
C>T
T>A
T>C
T>G
P-0044184-T01-IM6: 53 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

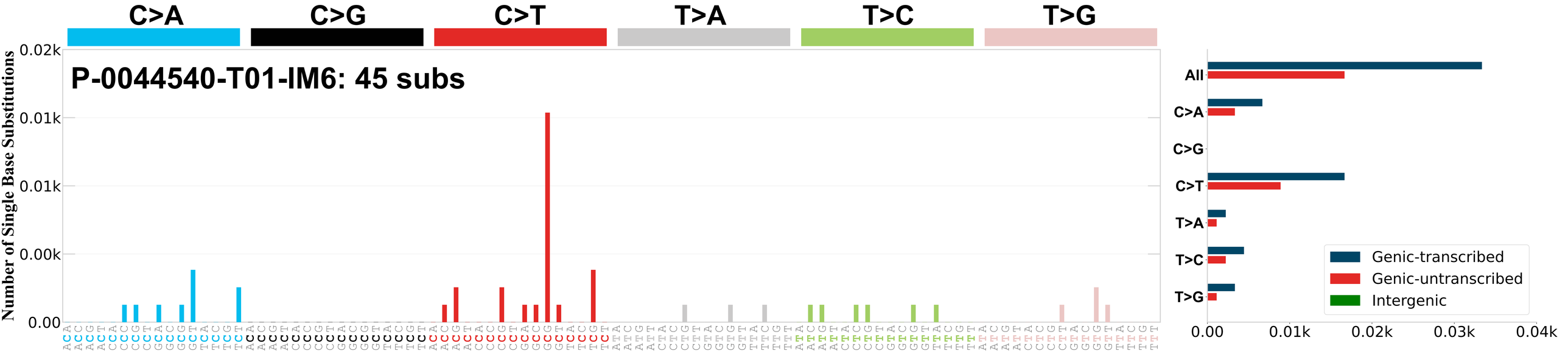

C>A
C>G
C>T
T>A
T>C
T>G
P-0044217-T01-IM6: 21 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.02k

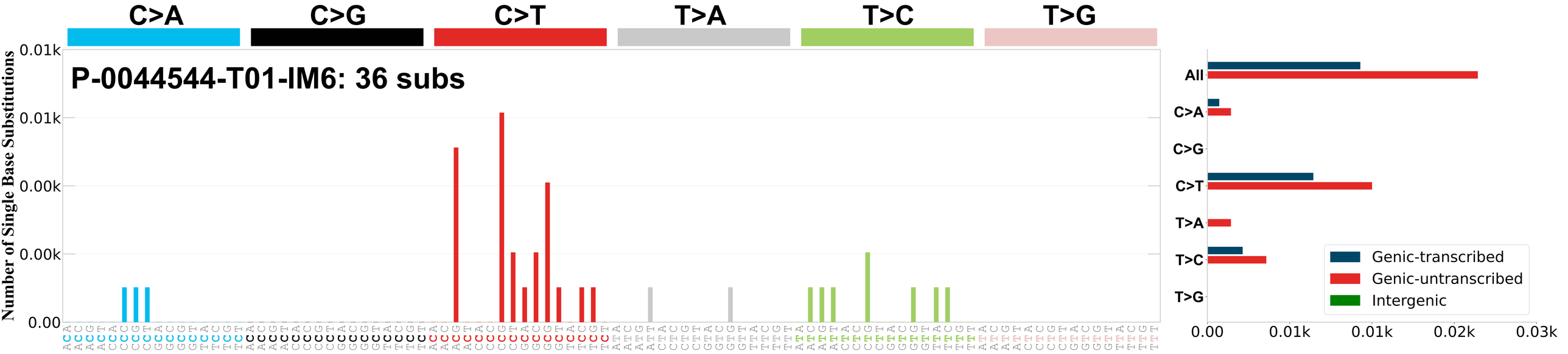

C>A
C>G
C>T
T>A
T>C
T>G
P-0044329-T01-IM6: 52 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

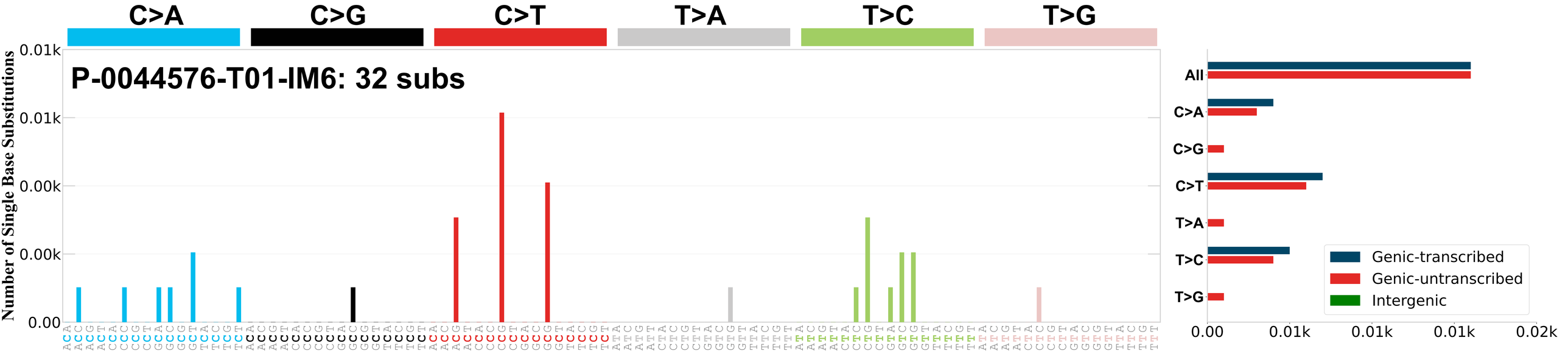

C>A
C>G
C>T
T>A
T>C
T>G
P-0044371-T01-IM6: 66 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

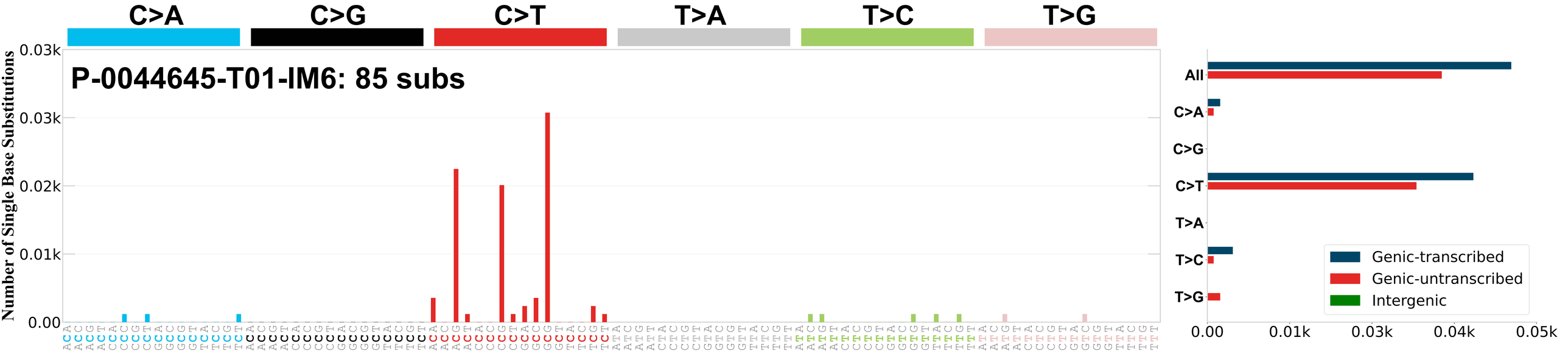

C>A
C>G
C>T
T>A
T>C
T>G
P-0044406-T01-IM6: 37 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

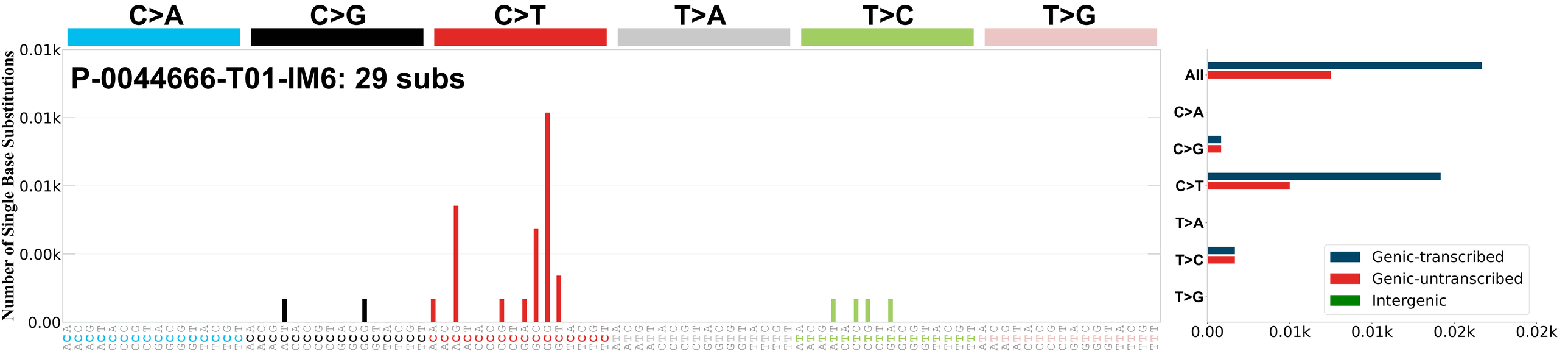

C>A
C>G
C>T
T>A
T>C
T>G
P-0044484-T01-IM6: 38 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

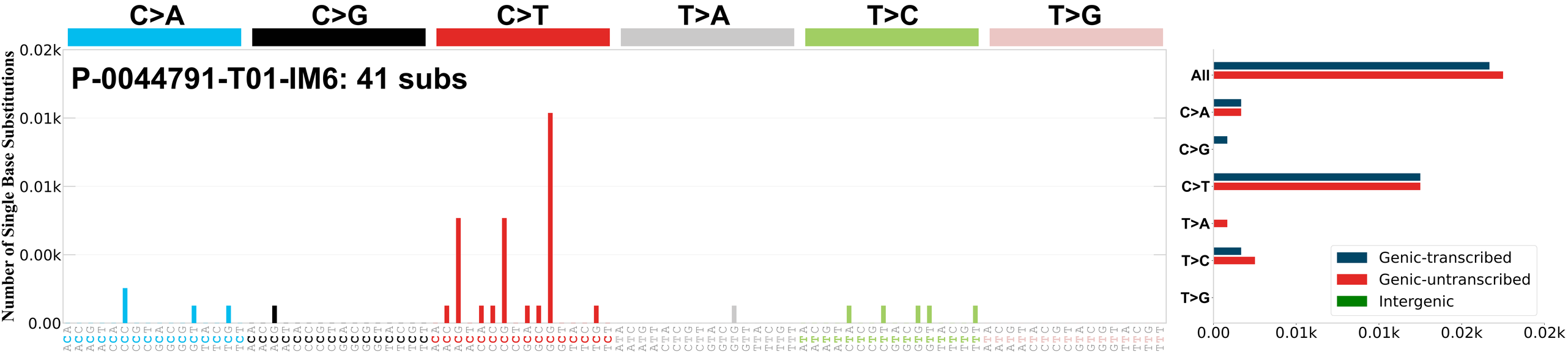

C>A
C>G
C>T
T>A
T>C
T>G
P-0044540-T01-IM6: 45 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

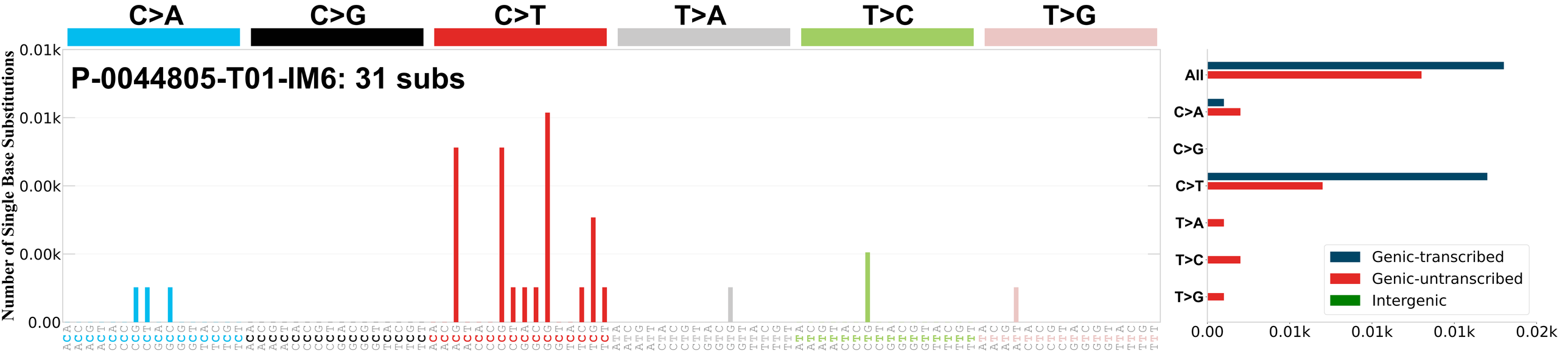

C>A
C>G
C>T
T>A
T>C
T>G
P-0044544-T01-IM6: 36 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

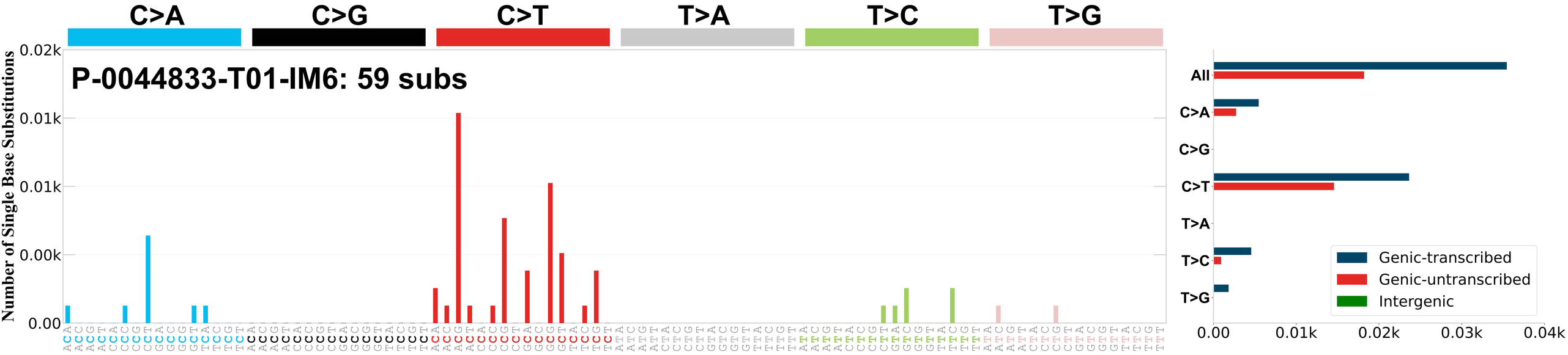

C>A
C>G
C>T
T>A
T>C
T>G
P-0044576-T01-IM6: 32 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.01k
0.02k

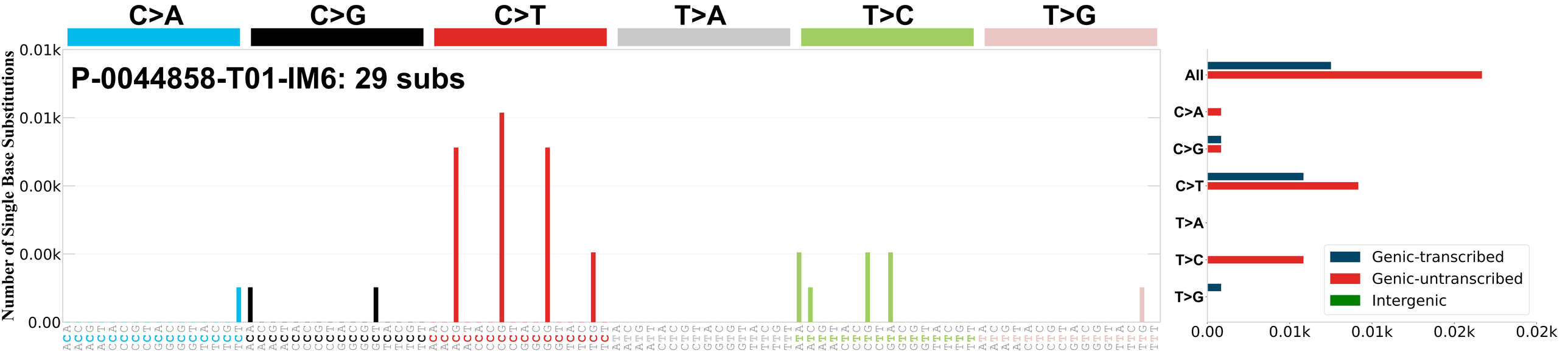

C>A
C>G
C>T
T>A
T>C
T>G
P-0044645-T01-IM6: 85 subs
Number of Single Base Substitutions
0.03k
0.03k
0.02k
0.01k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.03k
0.04k
0.05k

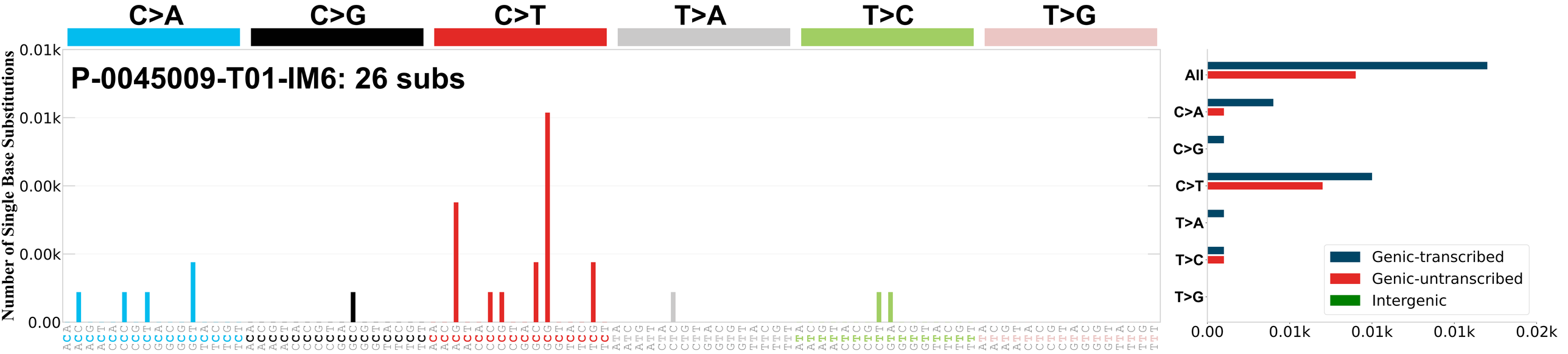

C>A
C>G
C>T
T>A
T>C
T>G
P-0044666-T01-IM6: 29 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

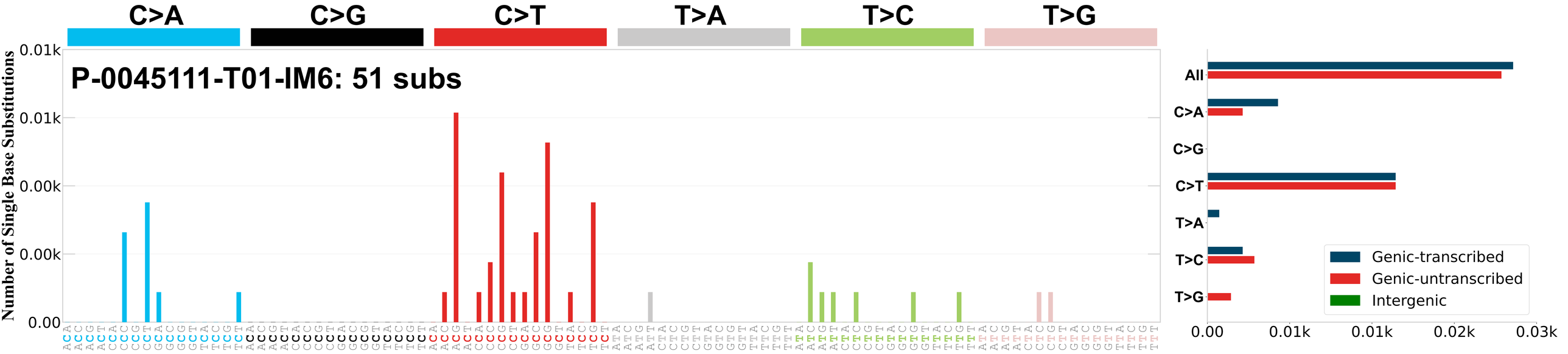

C>A
C>G
C>T
T>A
T>C
T>G
P-0044791-T01-IM6: 41 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

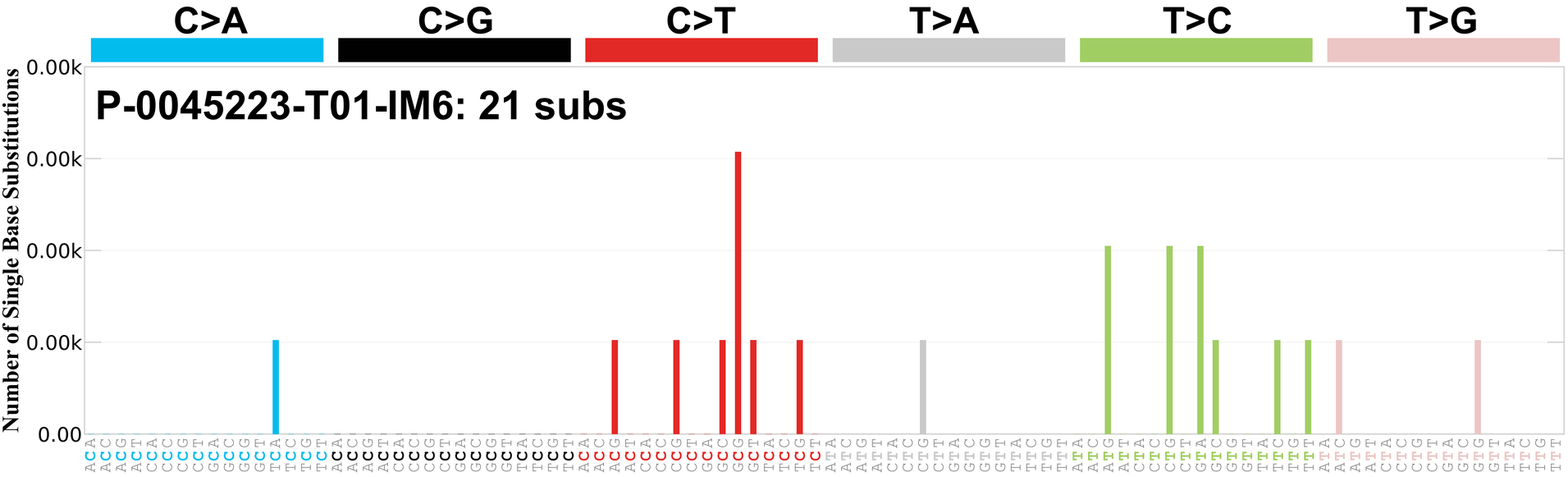

C>A
C>G
C>T
T>A
T>C
T>G
P-0044805-T01-IM6: 31 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.01k
0.02k

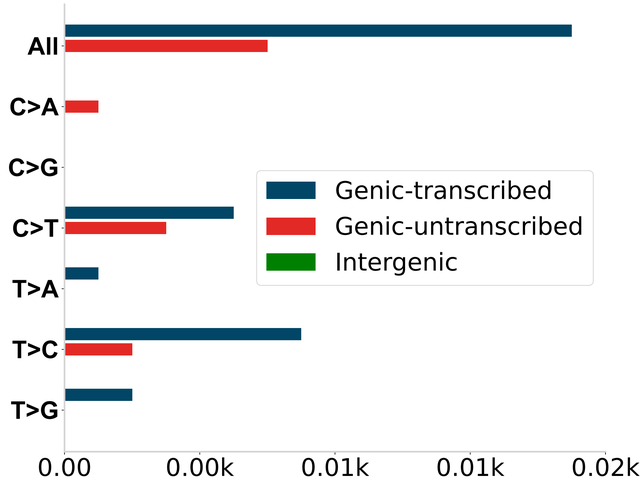

C>A
C>G
C>T
T>A
T>C
T>G
P-0044833-T01-IM6: 59 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

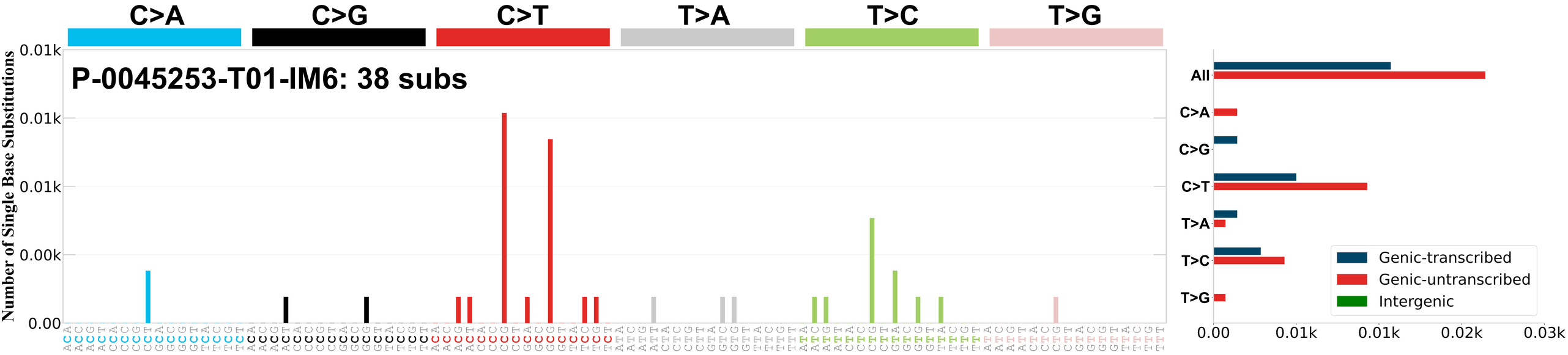

C>A
C>G
C>T
T>A
T>C
T>G
P-0044858-T01-IM6: 29 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

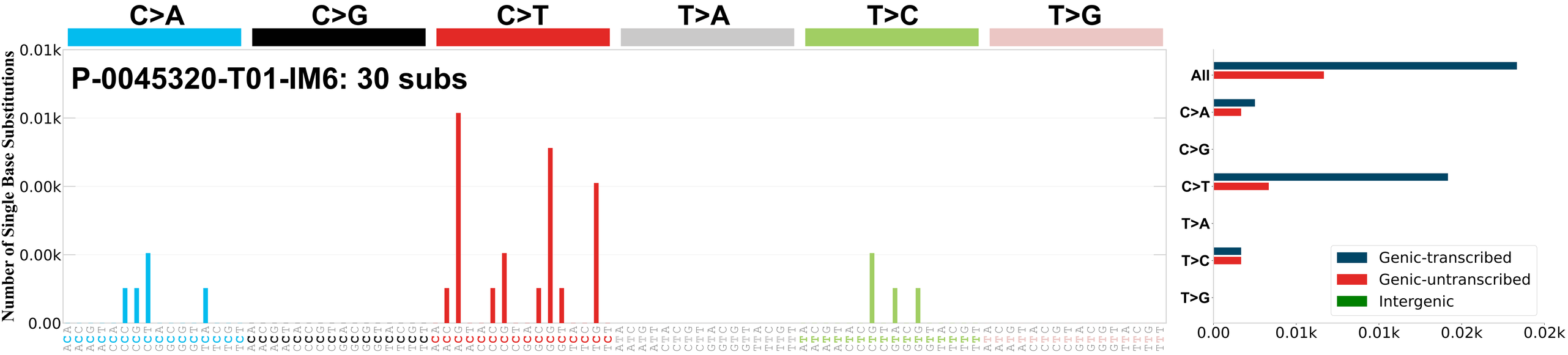

C>A
C>G
C>T
T>A
T>C
T>G
P-0045009-T01-IM6: 26 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.01k
0.02k

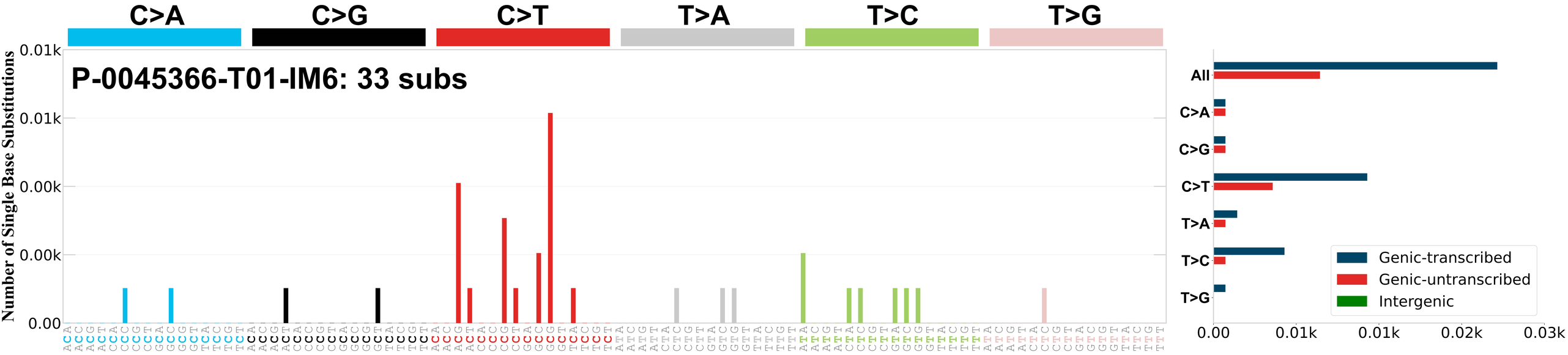

C>A
C>G
C>T
T>A
T>C
T>G
P-0045111-T01-IM6: 51 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

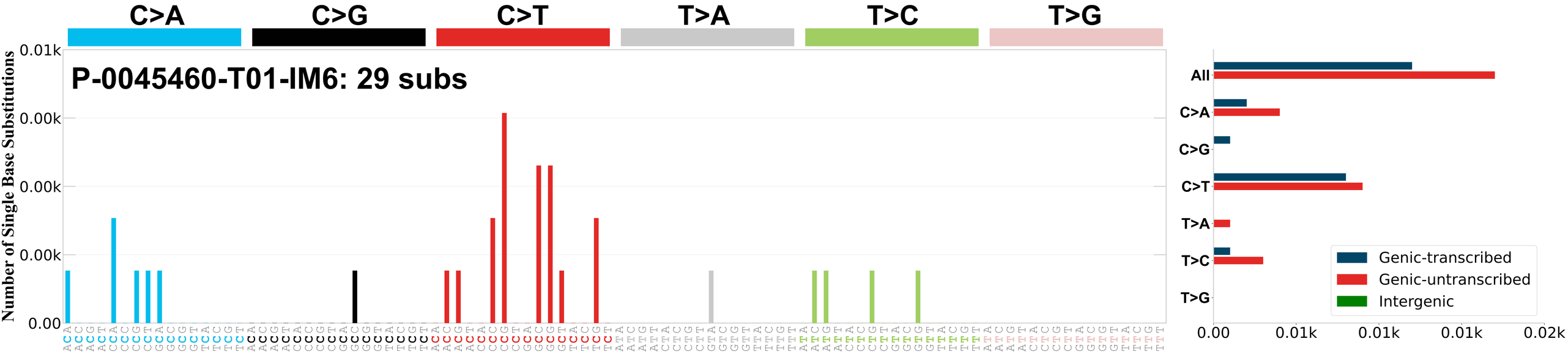

C>A
C>G
C>T
T>A
T>C
T>G
P-0045223-T01-IM6: 21 subs
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00

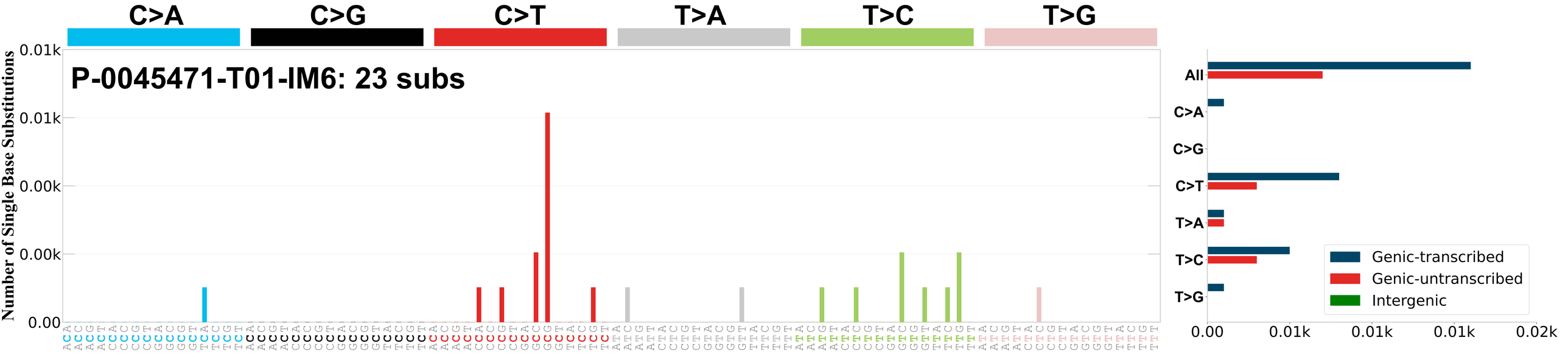

All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.02k

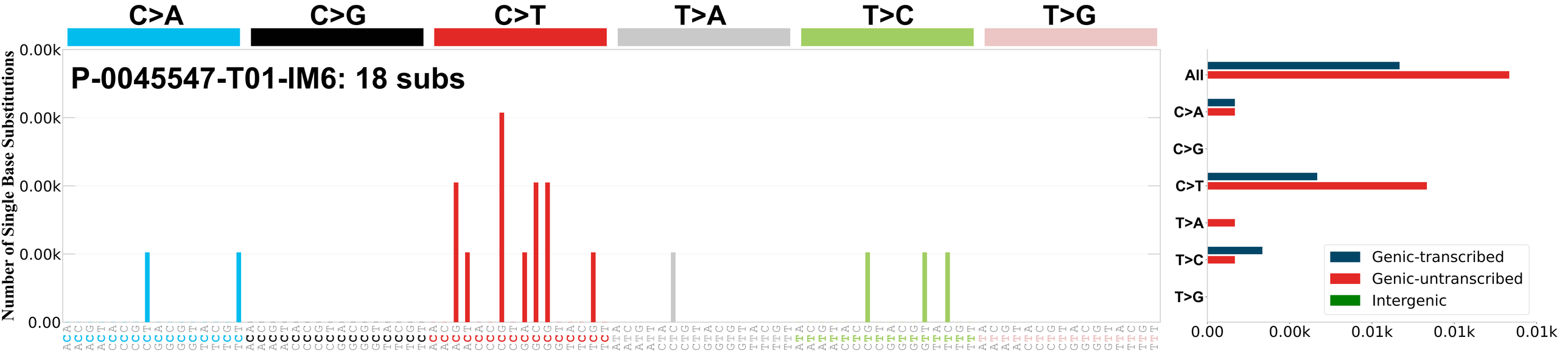

C>A
C>G
C>T
T>A
T>C
T>G
P-0045253-T01-IM6: 38 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

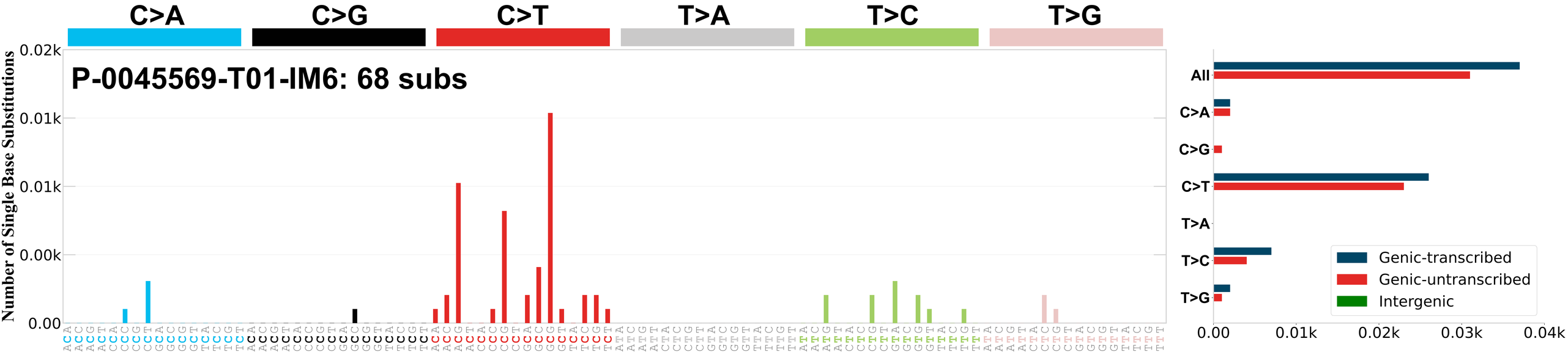

C>A
C>G
C>T
T>A
T>C
T>G
P-0045320-T01-IM6: 30 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

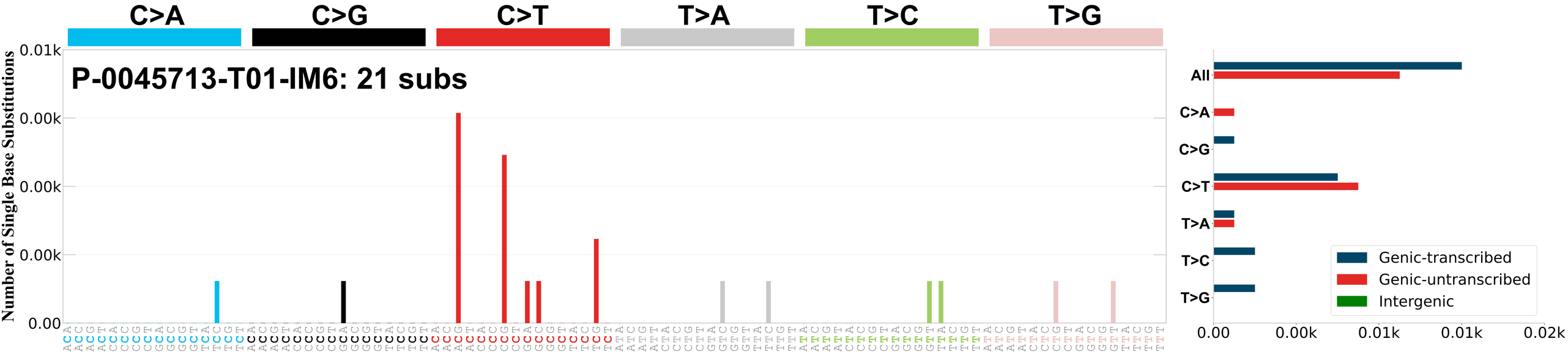

C>A
C>G
C>T
T>A
T>C
T>G
P-0045366-T01-IM6: 33 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

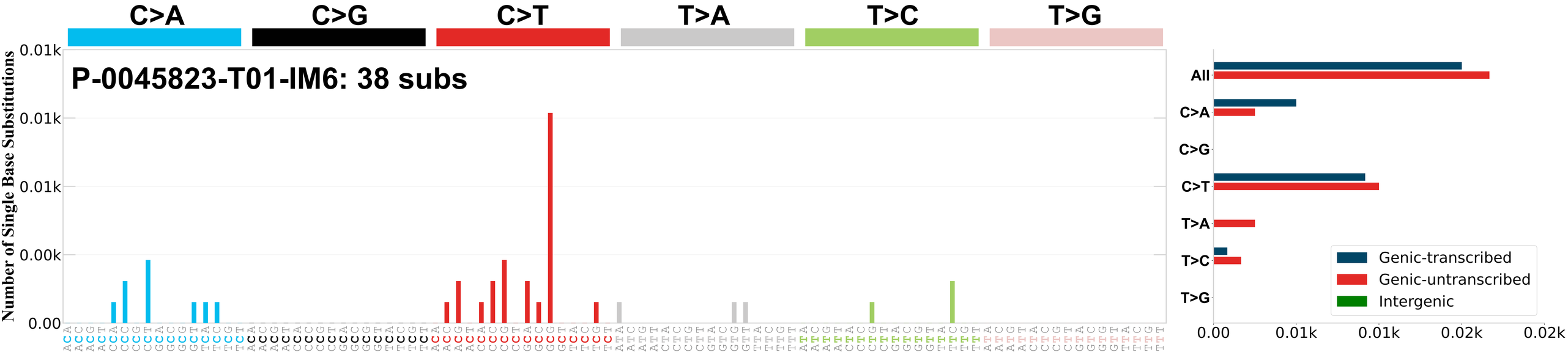

C>A
C>G
C>T
T>A
T>C
T>G
P-0045460-T01-IM6: 29 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.01k
0.02k

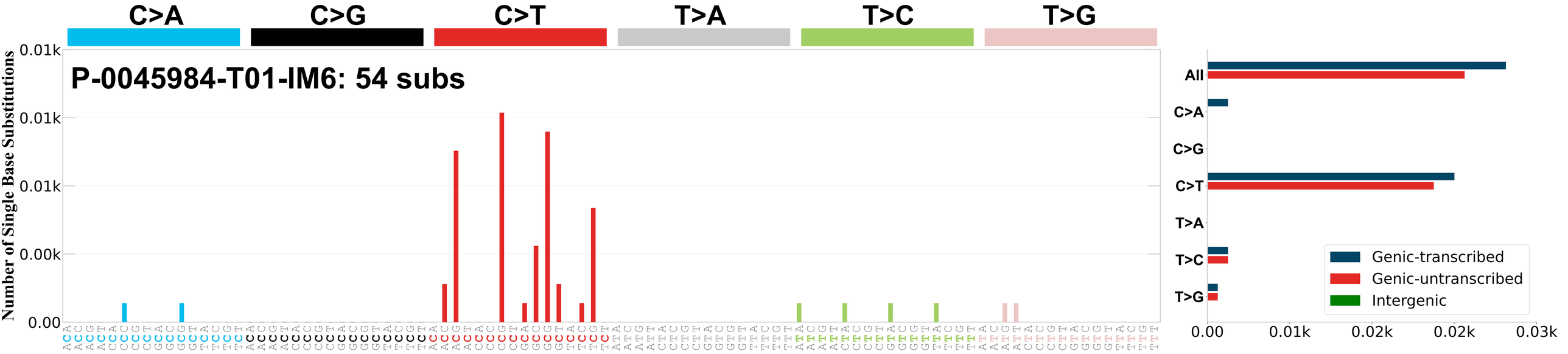

C>A
C>G
C>T
T>A
T>C
T>G
P-0045471-T01-IM6: 23 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.01k
0.02k

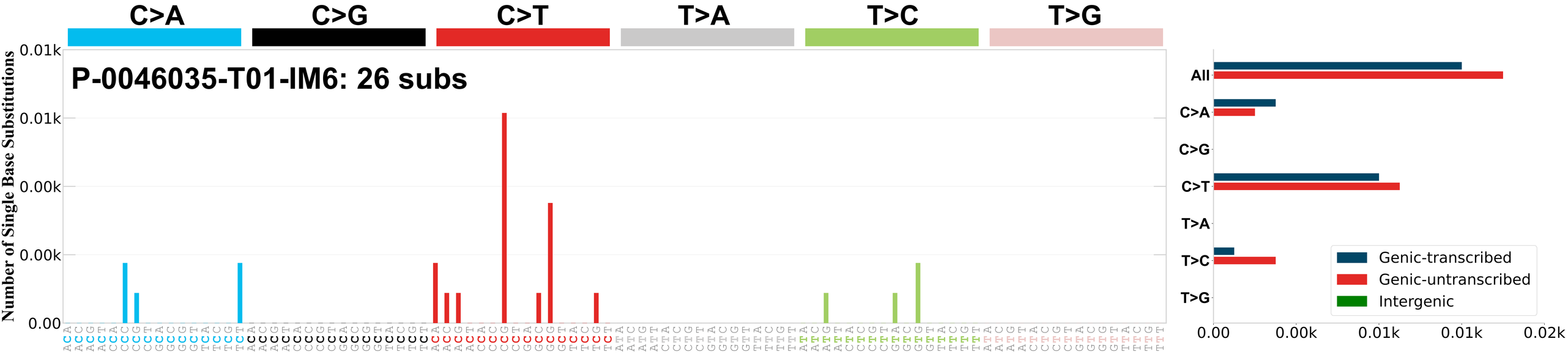

C>A
C>G
C>T
T>A
T>C
T>G
P-0045547-T01-IM6: 18 subs
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.01k

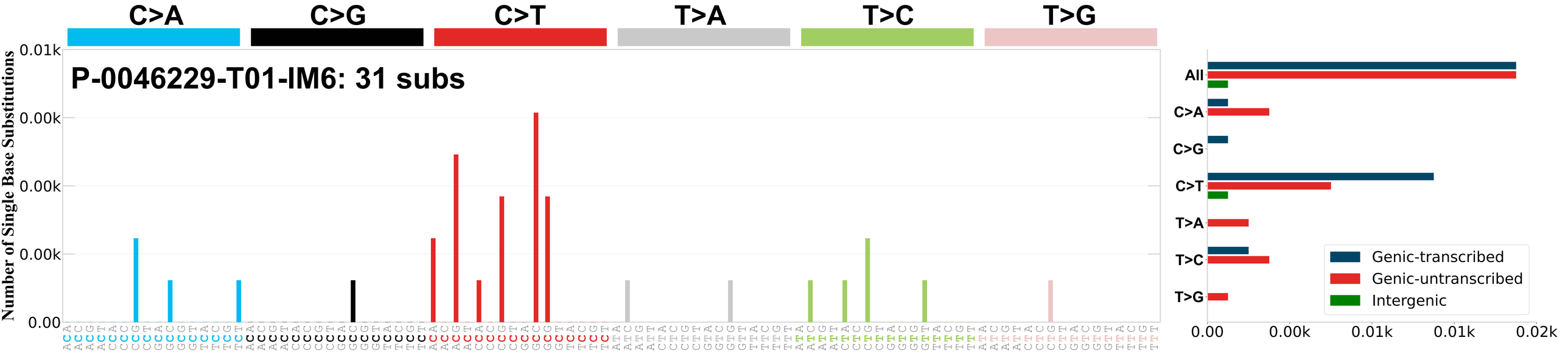

C>A
C>G
C>T
T>A
T>C
T>G
P-0045569-T01-IM6: 68 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

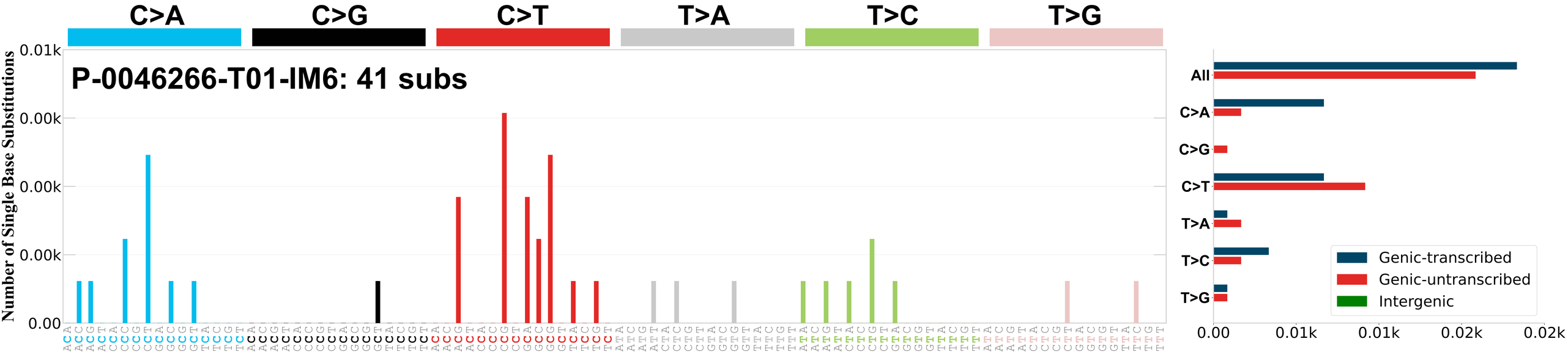

C>A
C>G
C>T
T>A
T>C
T>G
P-0045713-T01-IM6: 21 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.02k

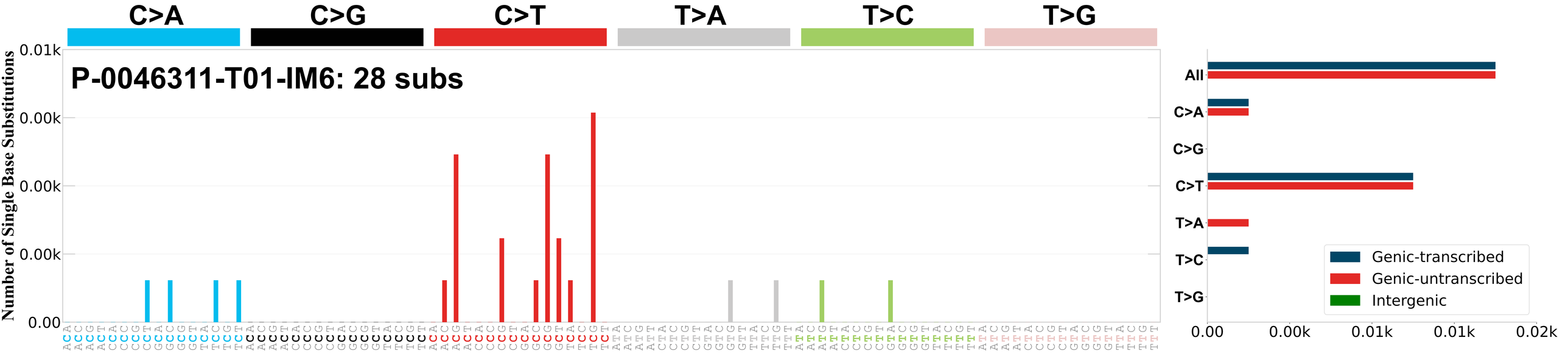

C>A
C>G
C>T
T>A
T>C
T>G
P-0045823-T01-IM6: 38 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

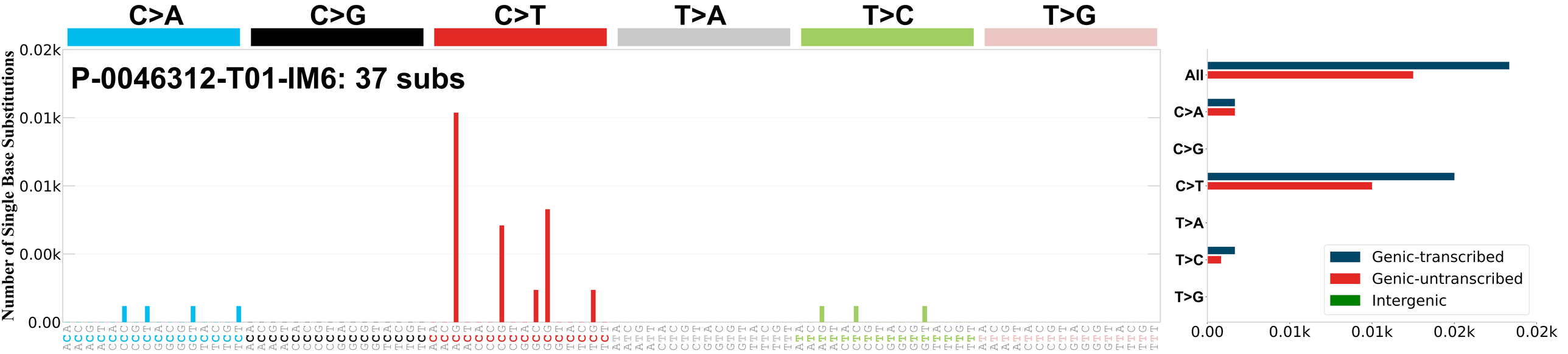

C>A
C>G
C>T
T>A
T>C
T>G
P-0045984-T01-IM6: 54 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.02k
0.03k

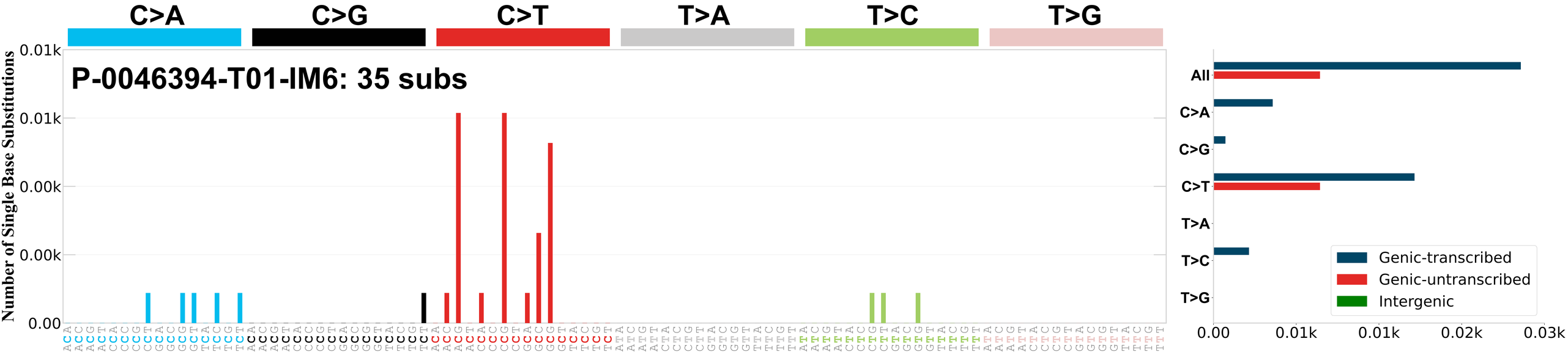

C>A
C>G
C>T
T>A
T>C
T>G
P-0046035-T01-IM6: 26 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.02k

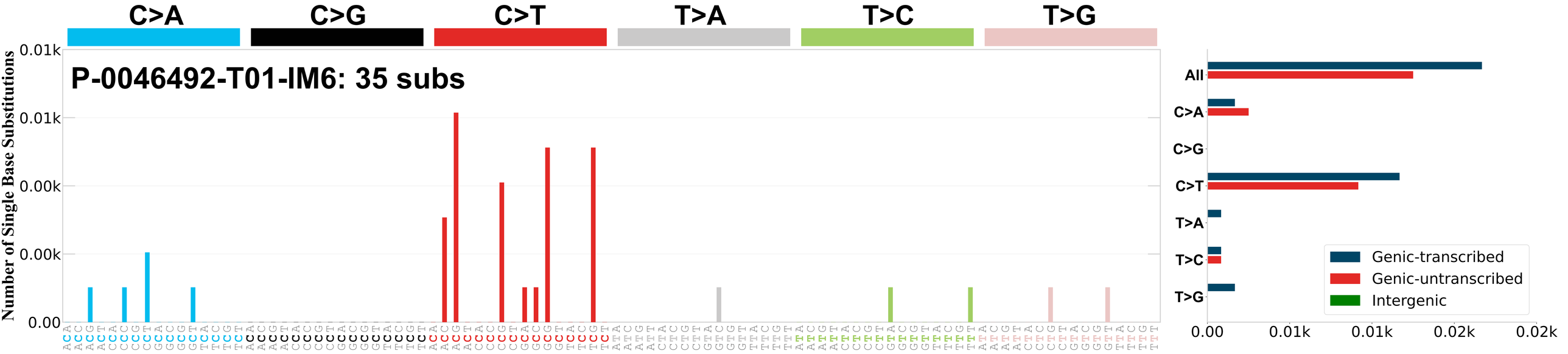

C>A
C>G
C>T
T>A
T>C
T>G
P-0046229-T01-IM6: 31 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.02k

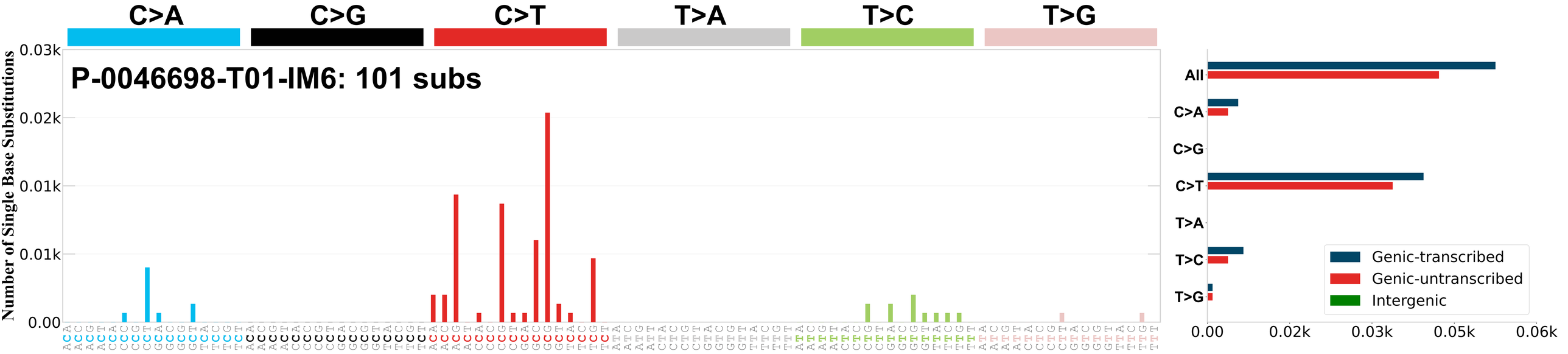

C>A
C>G
C>T
T>A
T>C
T>G
P-0046266-T01-IM6: 41 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

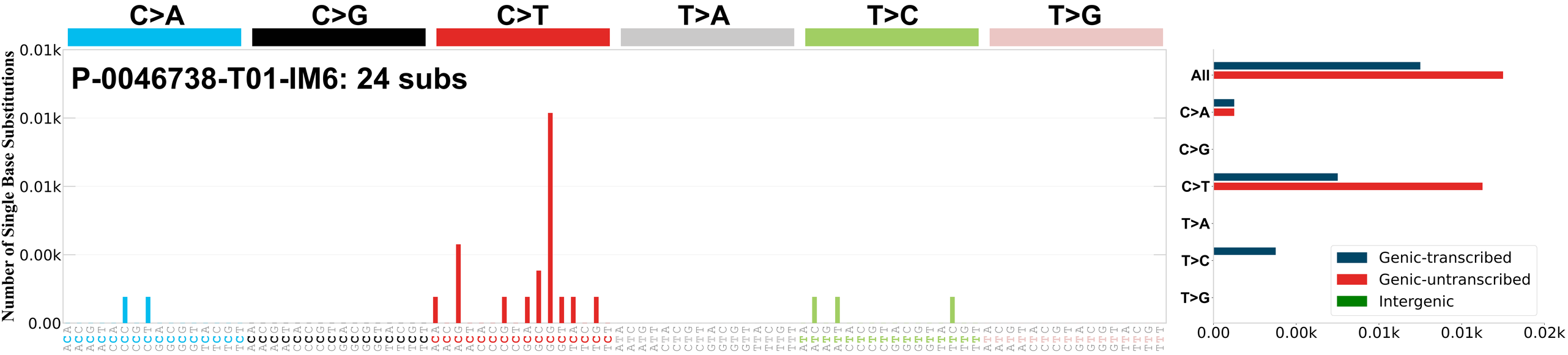

C>A
C>G
C>T
T>A
T>C
T>G
P-0046311-T01-IM6: 28 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.02k

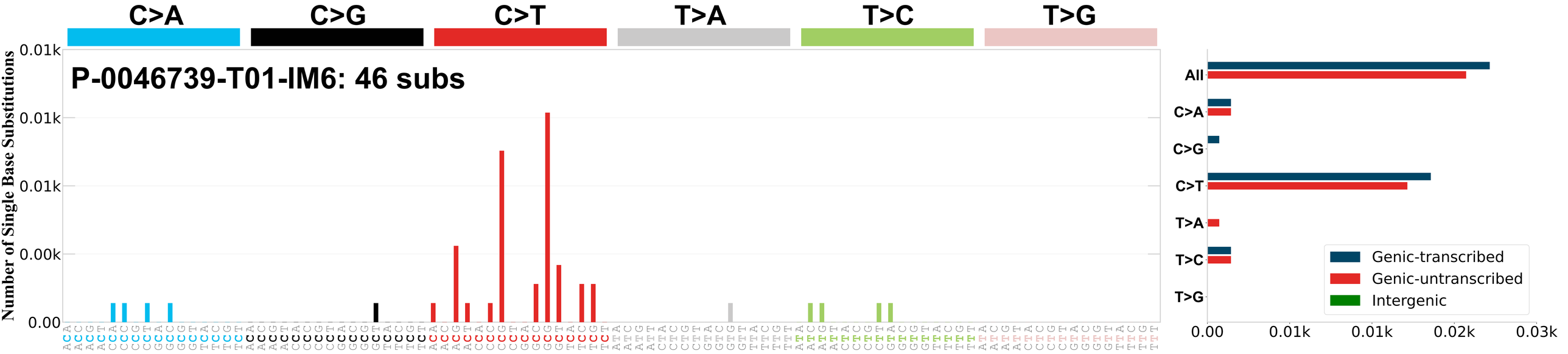

C>A
C>G
C>T
T>A
T>C
T>G
P-0046312-T01-IM6: 37 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

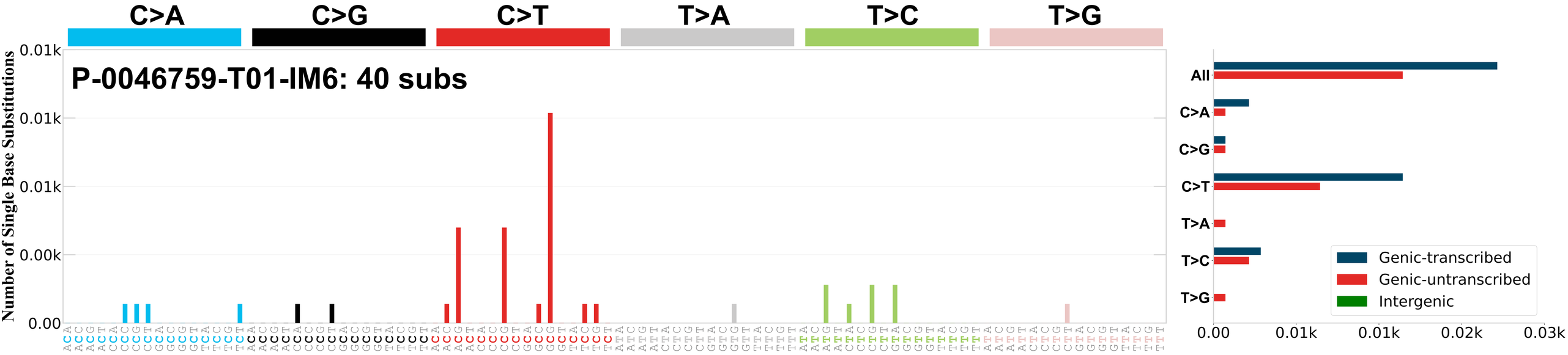

C>A
C>G
C>T
T>A
T>C
T>G
P-0046394-T01-IM6: 35 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

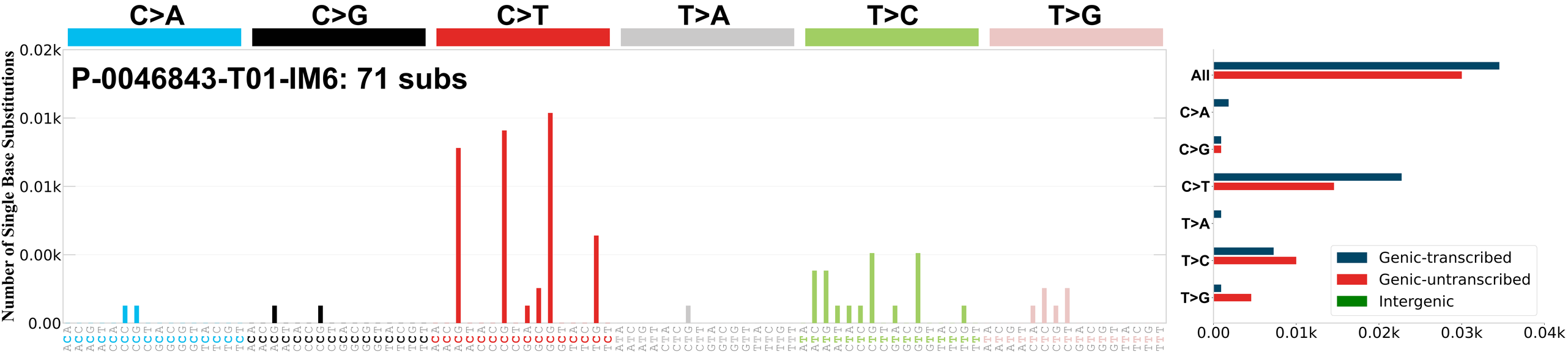

C>A
C>G
C>T
T>A
T>C
T>G
P-0046492-T01-IM6: 35 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

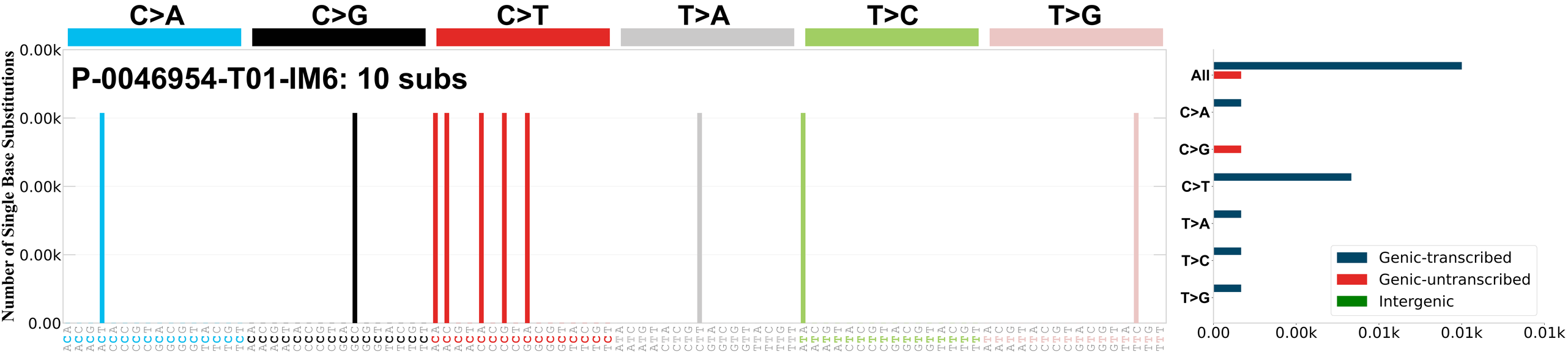

C>A
C>G
C>T
T>A
T>C
T>G
P-0046698-T01-IM6: 101 subs
Number of Single Base Substitutions
0.03k
0.02k
0.01k
0.01k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.02k
0.03k
0.05k
0.06k

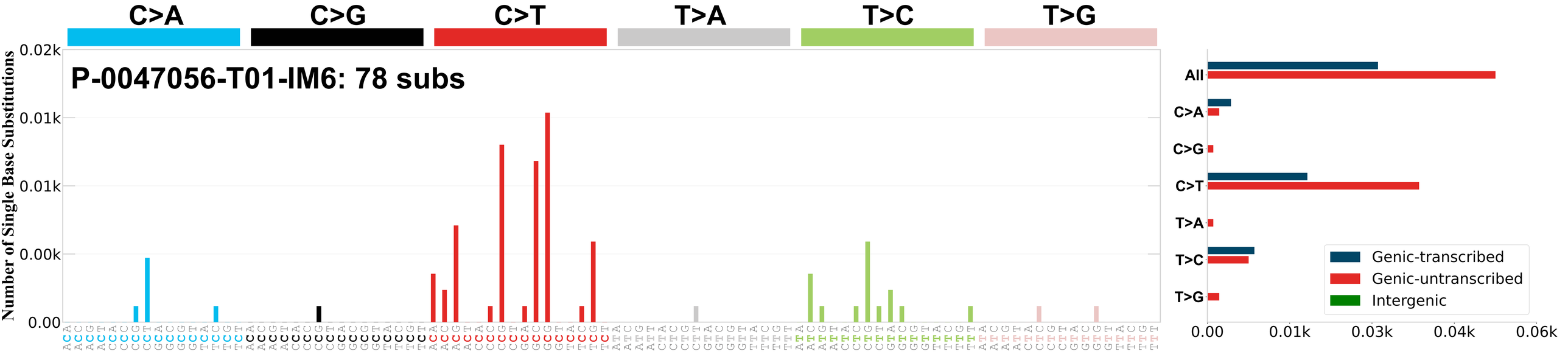

C>A
C>G
C>T
T>A
T>C
T>G
P-0046738-T01-IM6: 24 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.02k

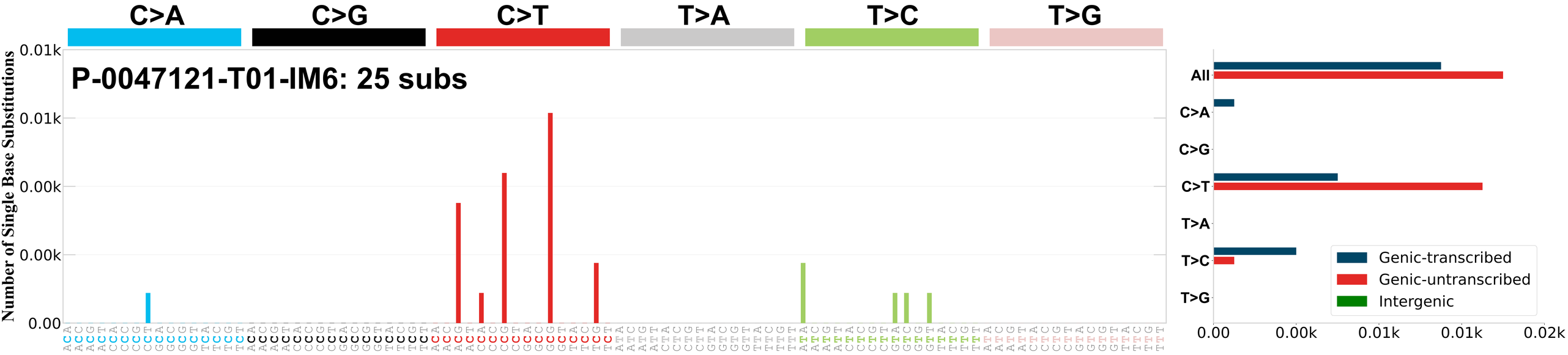

C>A
C>G
C>T
T>A
T>C
T>G
P-0046739-T01-IM6: 46 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

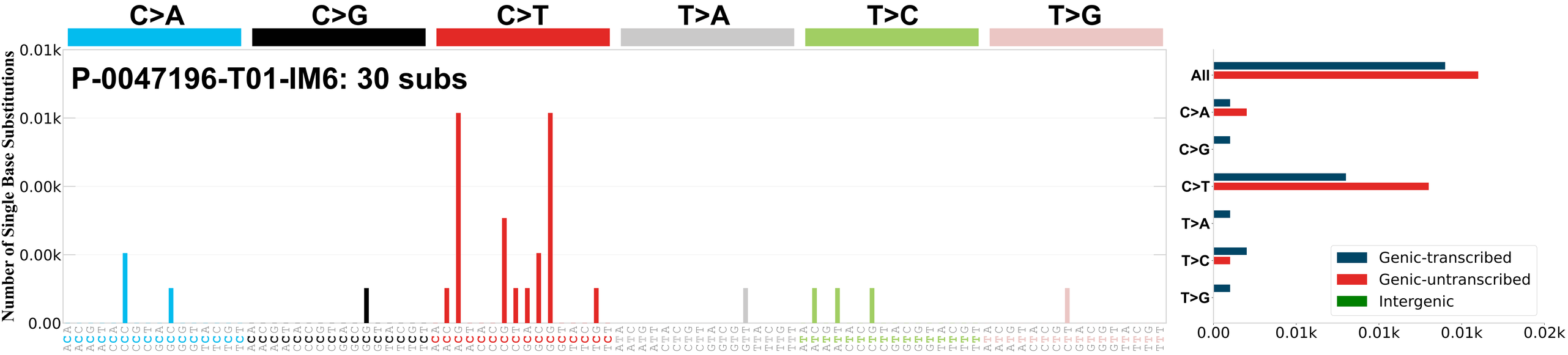

C>A
C>G
C>T
T>A
T>C
T>G
P-0046759-T01-IM6: 40 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

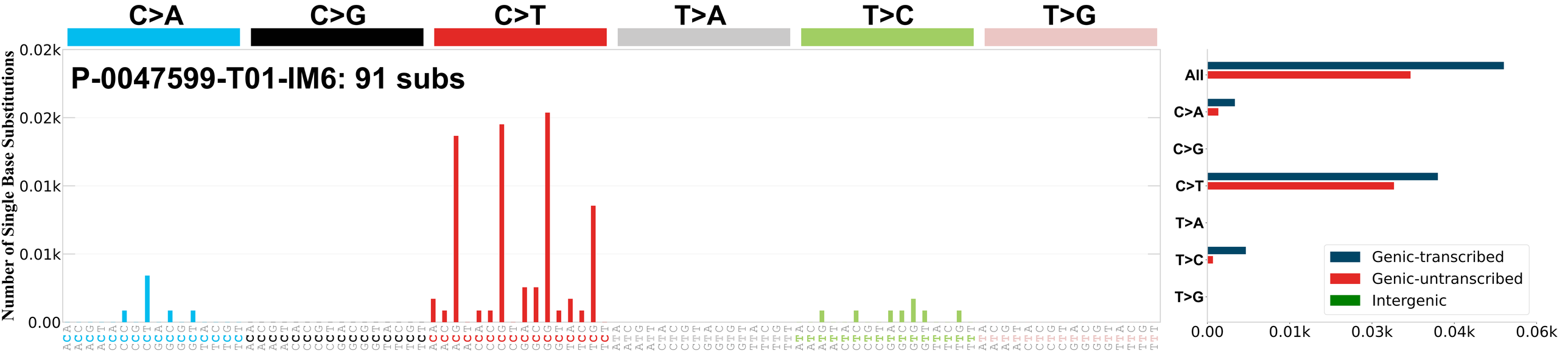

C>A
C>G
C>T
T>A
T>C
T>G
P-0046843-T01-IM6: 71 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

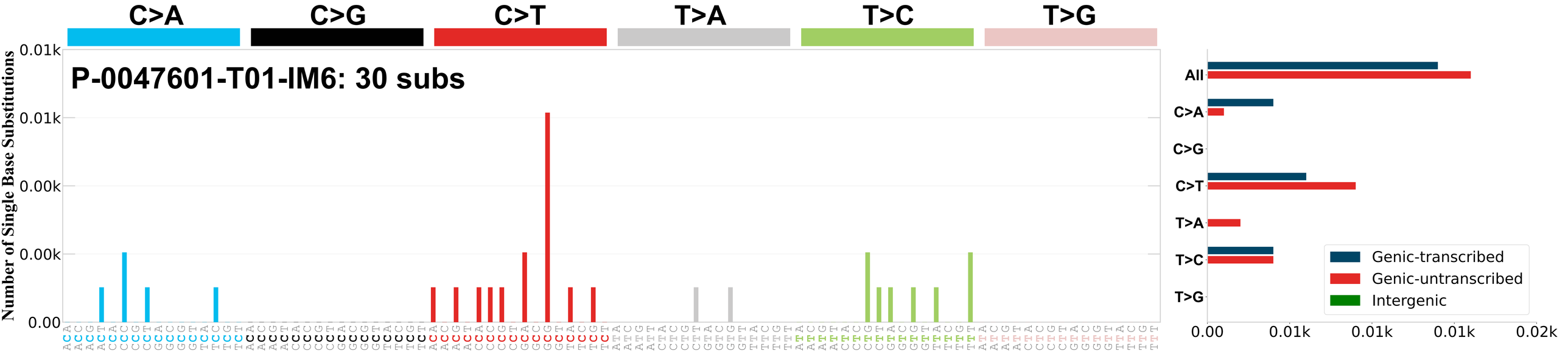

C>A
C>G
C>T
T>A
T>C
T>G
P-0046954-T01-IM6: 10 subs
Number of Single Base Substitutions
0.00k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.01k

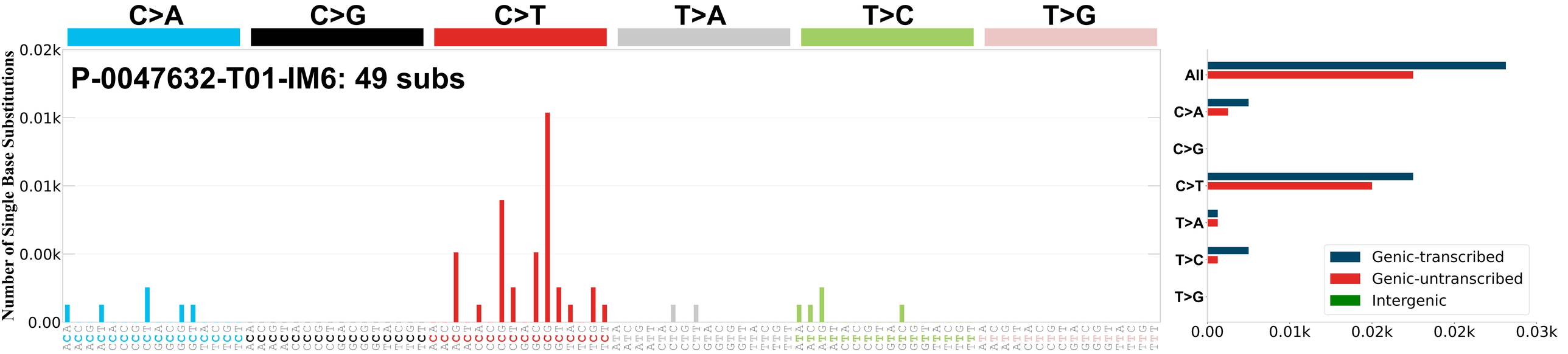

C>A
C>G
C>T
T>A
T>C
T>G
P-0047056-T01-IM6: 78 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.03k
0.04k
0.06k

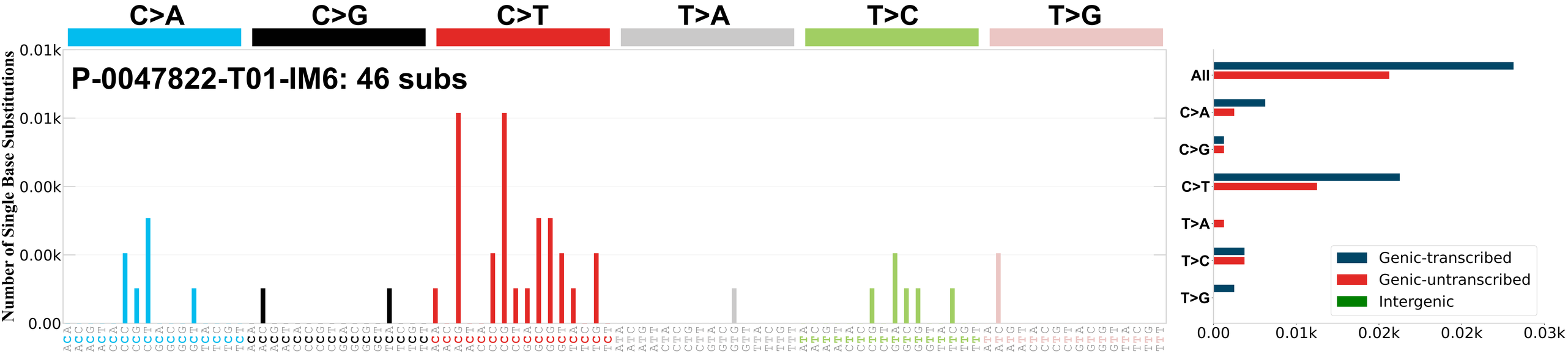

C>A
C>G
C>T
T>A
T>C
T>G
P-0047121-T01-IM6: 25 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.02k

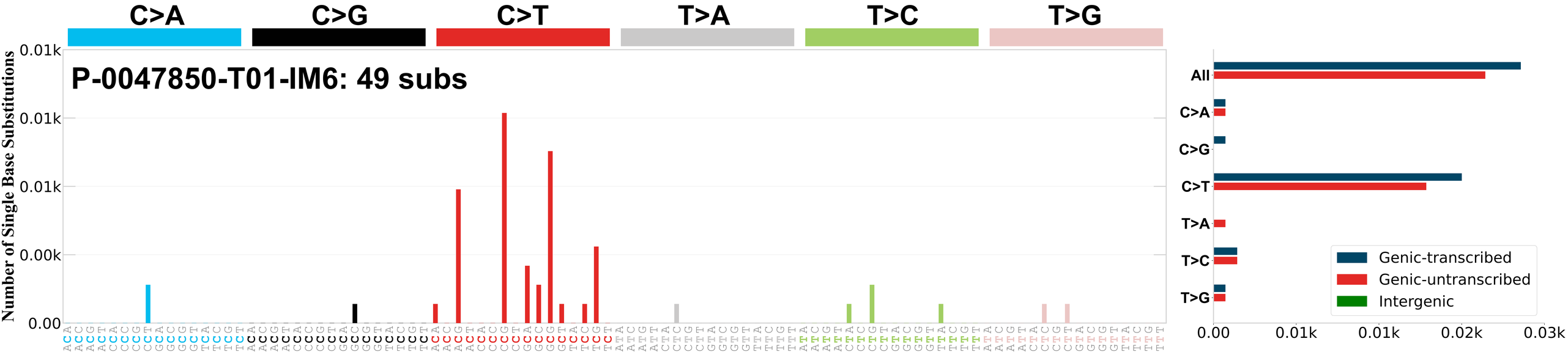

C>A
C>G
C>T
T>A
T>C
T>G
P-0047196-T01-IM6: 30 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.01k
0.02k

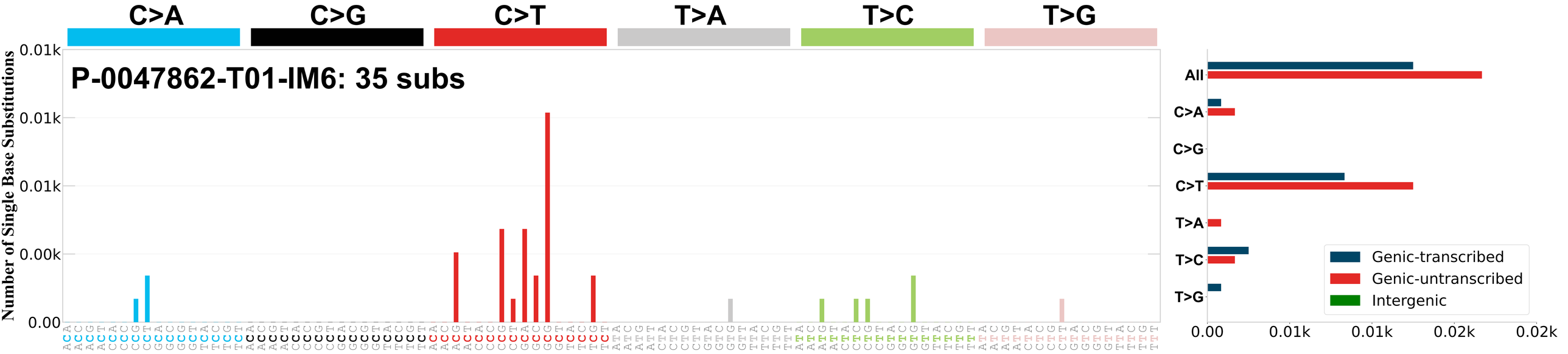

C>A
C>G
C>T
T>A
T>C
T>G
P-0047599-T01-IM6: 91 subs
Number of Single Base Substitutions
0.02k
0.02k
0.01k
0.01k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.03k
0.04k
0.06k

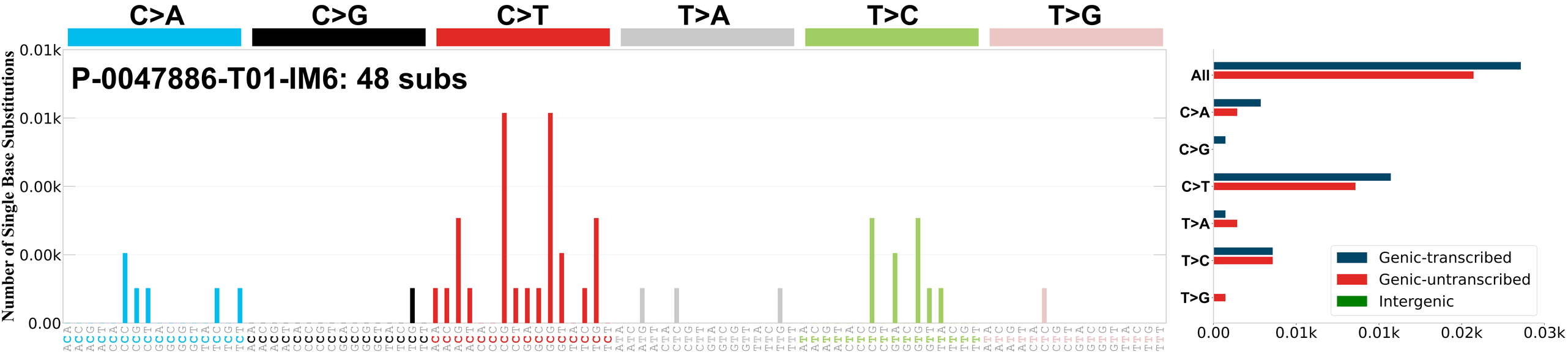

C>A
C>G
C>T
T>A
T>C
T>G
P-0047601-T01-IM6: 30 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.01k
0.02k

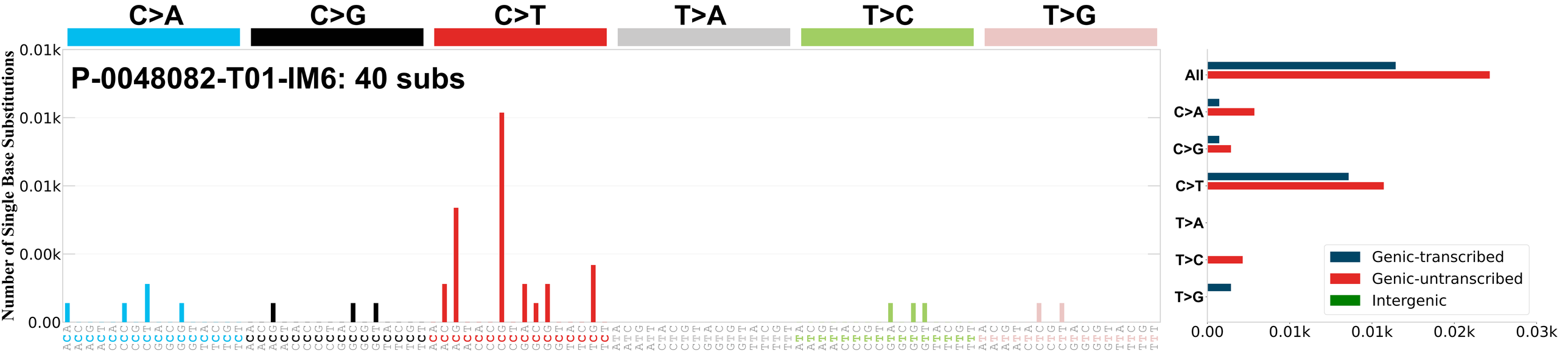

C>A
C>G
C>T
T>A
T>C
T>G
P-0047632-T01-IM6: 49 subs
Number of Single Base Substitutions
0.02k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.02k
0.03k

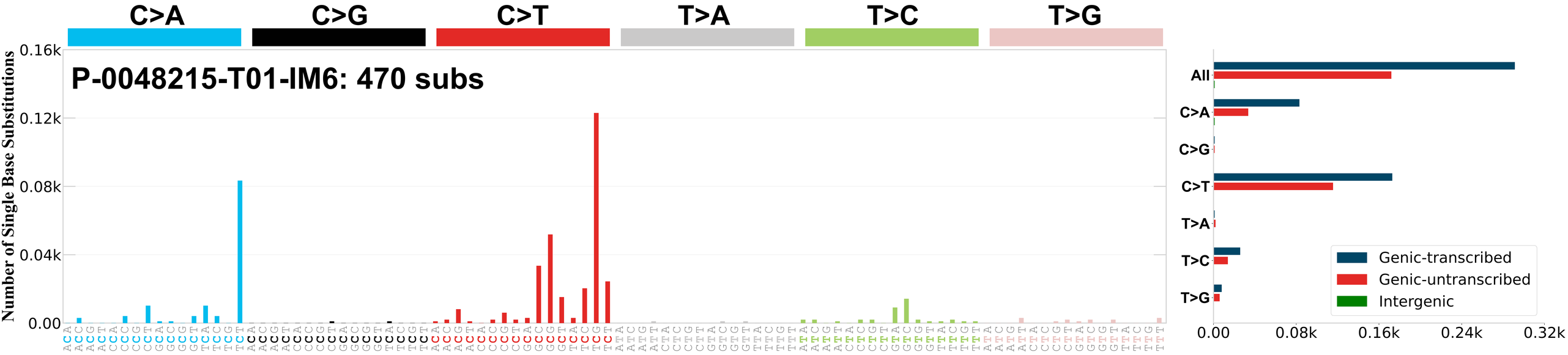

C>A
C>G
C>T
T>A
T>C
T>G
P-0047822-T01-IM6: 46 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.02k
0.03k

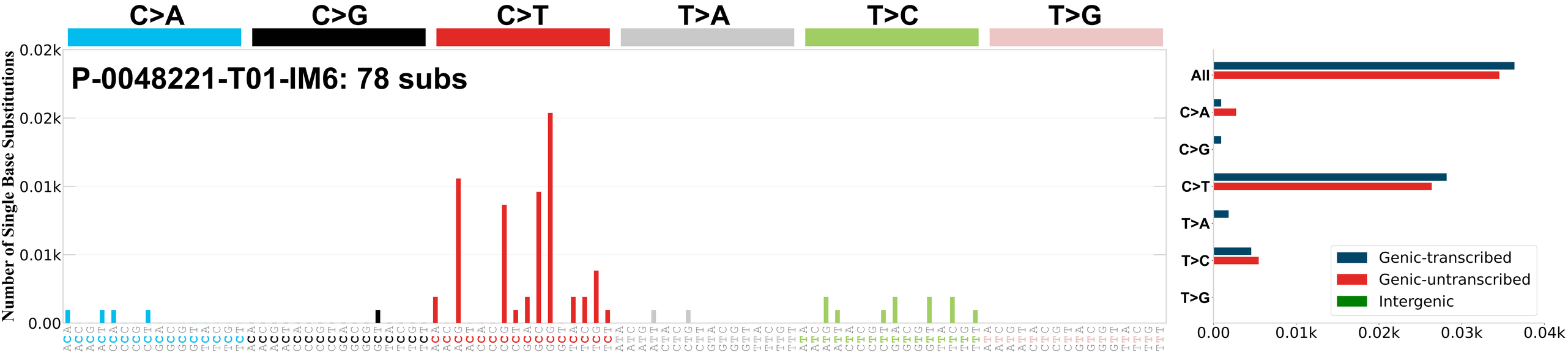

C>A
C>G
C>T
T>A
T>C
T>G
P-0047850-T01-IM6: 49 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

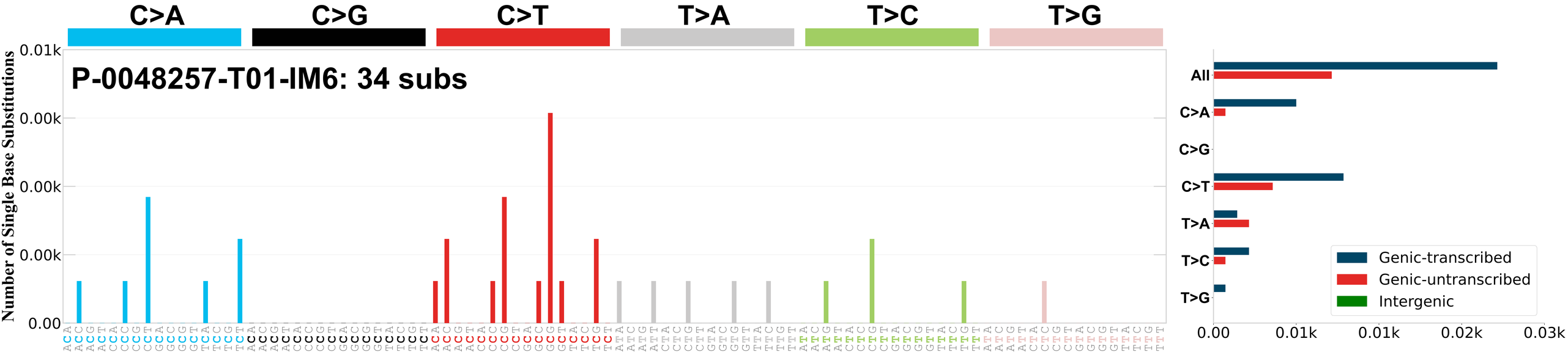

C>A
C>G
C>T
T>A
T>C
T>G
P-0047862-T01-IM6: 35 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

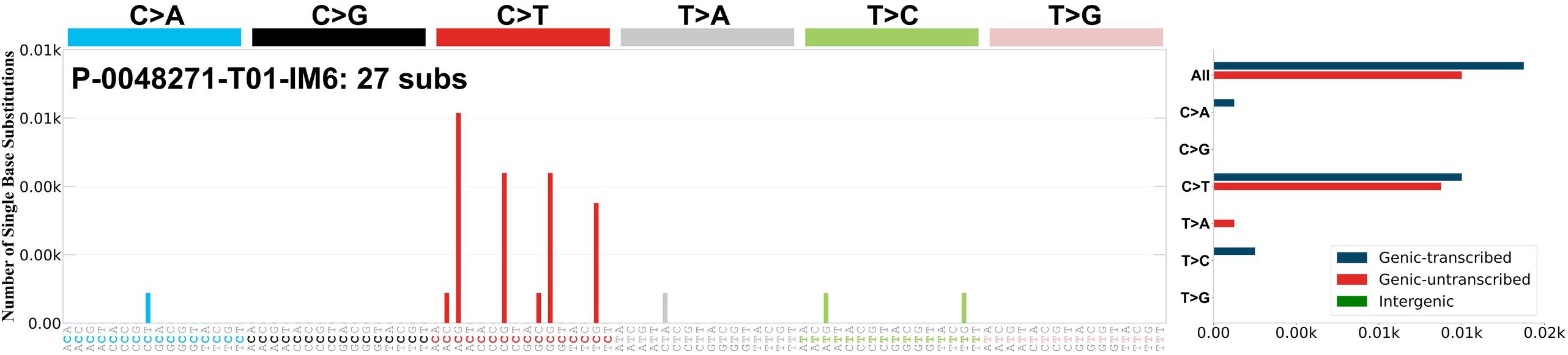

C>A
C>G
C>T
T>A
T>C
T>G
P-0047886-T01-IM6: 48 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

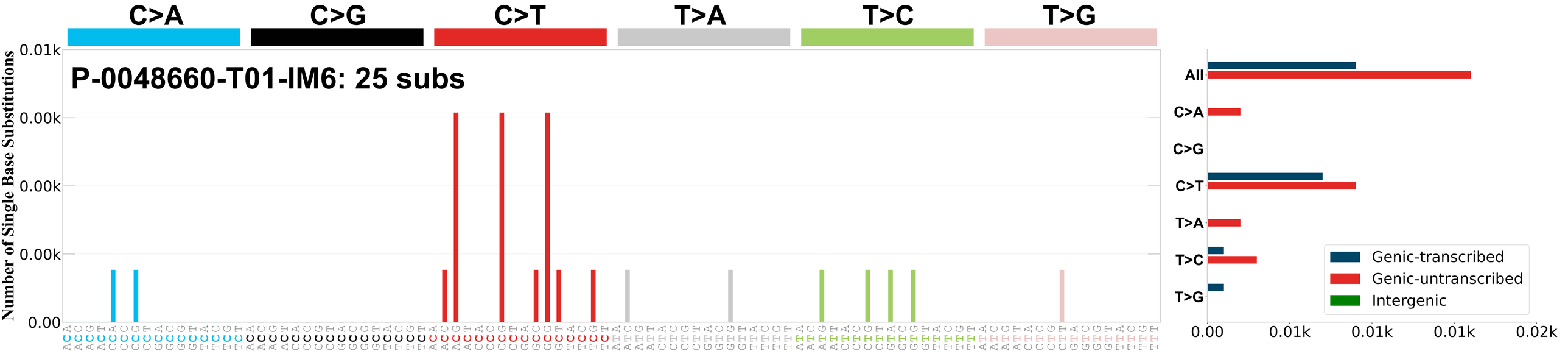

C>A
C>G
C>T
T>A
T>C
T>G
P-0048082-T01-IM6: 40 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

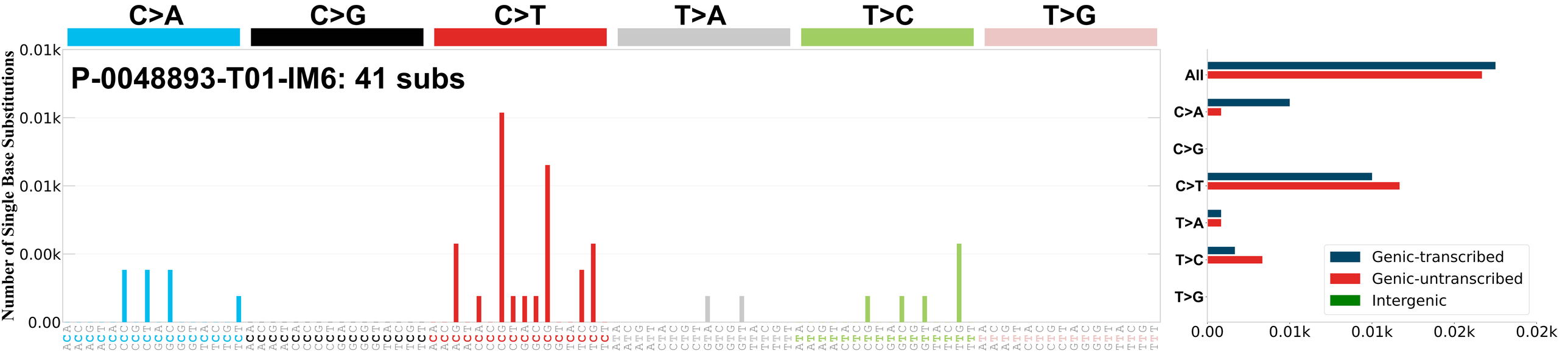

C>A
C>G
C>T
T>A
T>C
T>G
P-0048215-T01-IM6: 470 subs
Number of Single Base Substitutions
0.16k
0.12k
0.08k
0.04k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.08k
0.16k
0.24k
0.32k

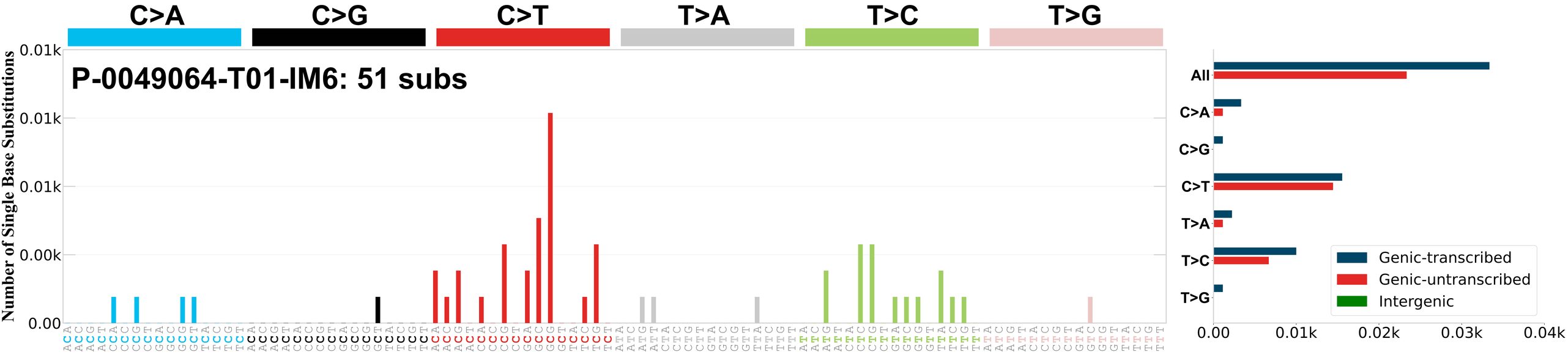

C>A
C>G
C>T
T>A
T>C
T>G
P-0048221-T01-IM6: 78 subs
Number of Single Base Substitutions
0.02k
0.02k
0.01k
0.01k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

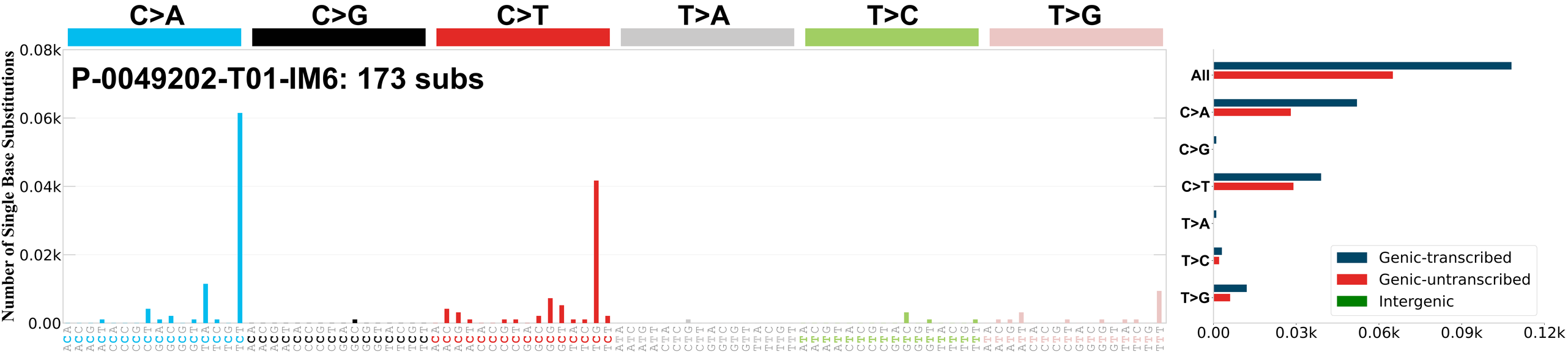

C>A
C>G
C>T
T>A
T>C
T>G
P-0048257-T01-IM6: 34 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

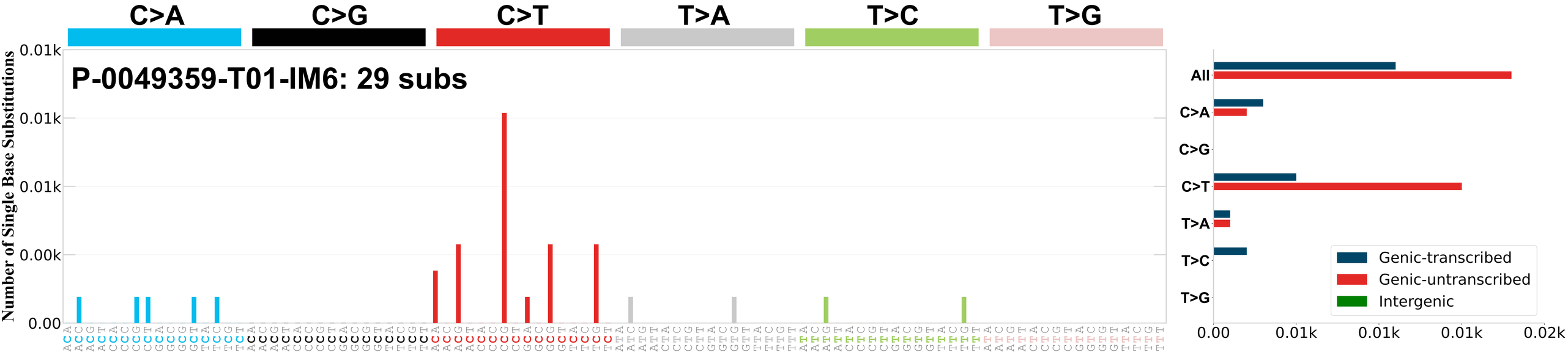

C>A
C>G
C>T
T>A
T>C
T>G
P-0048271-T01-IM6: 27 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.02k

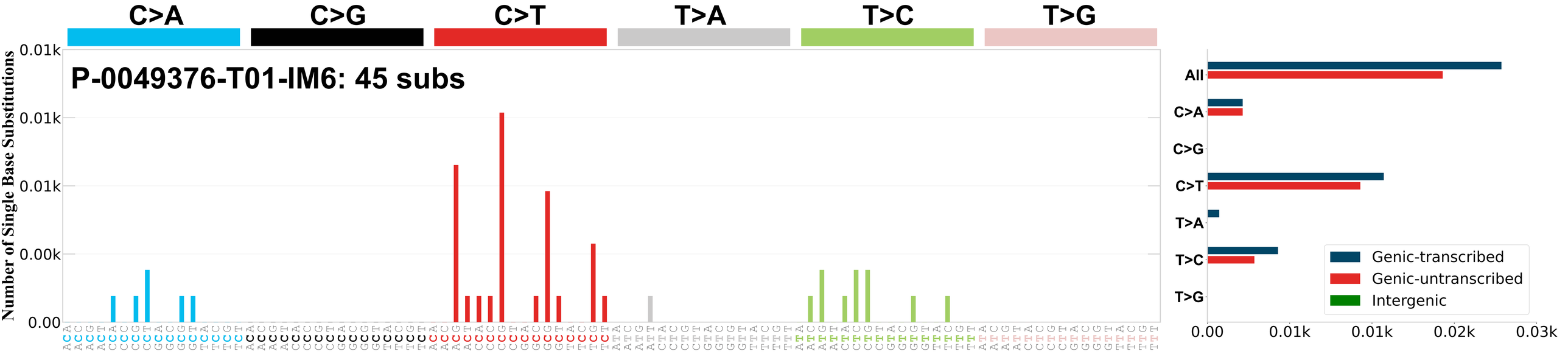

C>A
C>G
C>T
T>A
T>C
T>G
P-0048660-T01-IM6: 25 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.01k
0.02k


C>A
C>G
C>T
T>A
T>C
T>G
P-0048893-T01-IM6: 41 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k

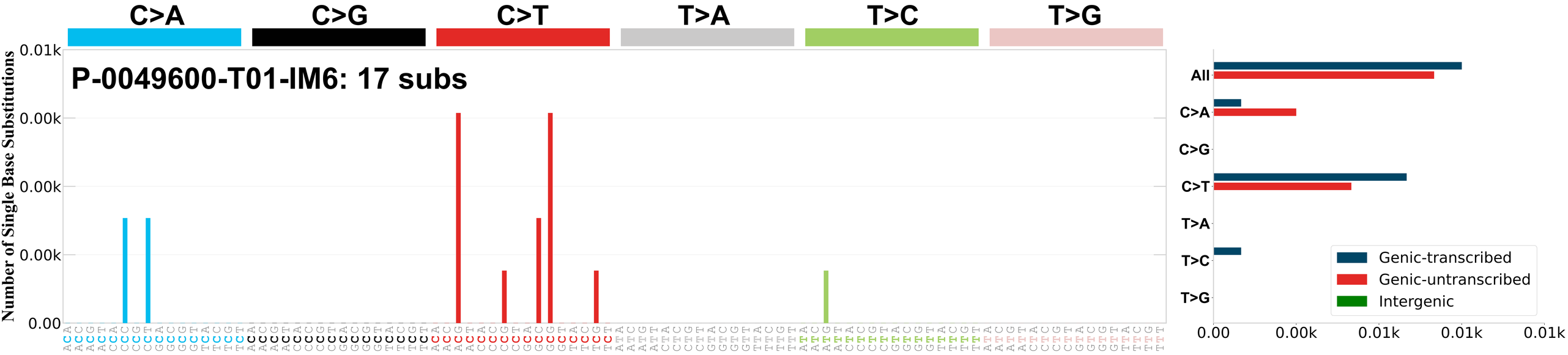

C>A
C>G
C>T
T>A
T>C
T>G
P-0049064-T01-IM6: 51 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k

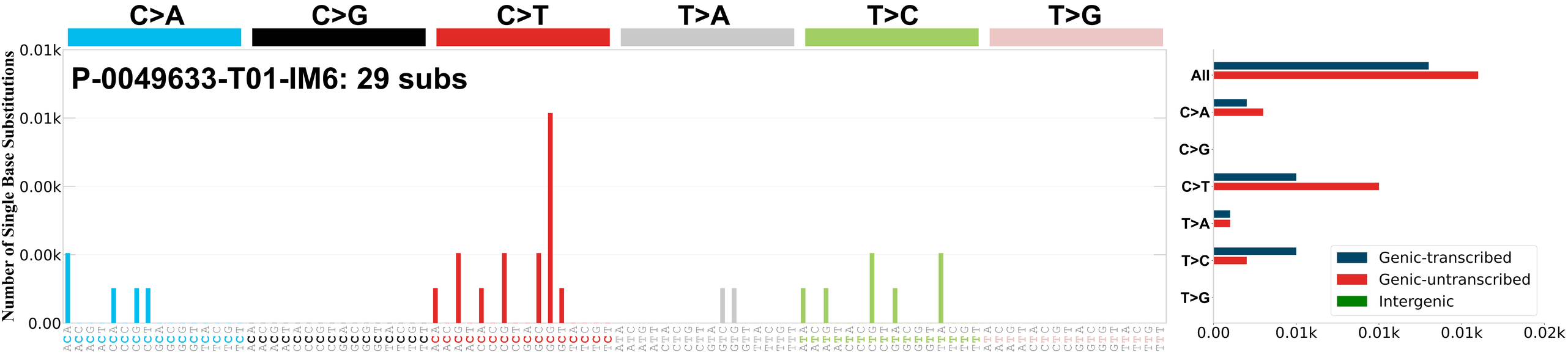

C>A
C>G
C>T
T>A
T>C
T>G
P-0049202-T01-IM6: 173 subs
Number of Single Base Substitutions
0.08k
0.06k
0.04k
0.02k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.03k
0.06k
0.09k
0.12k

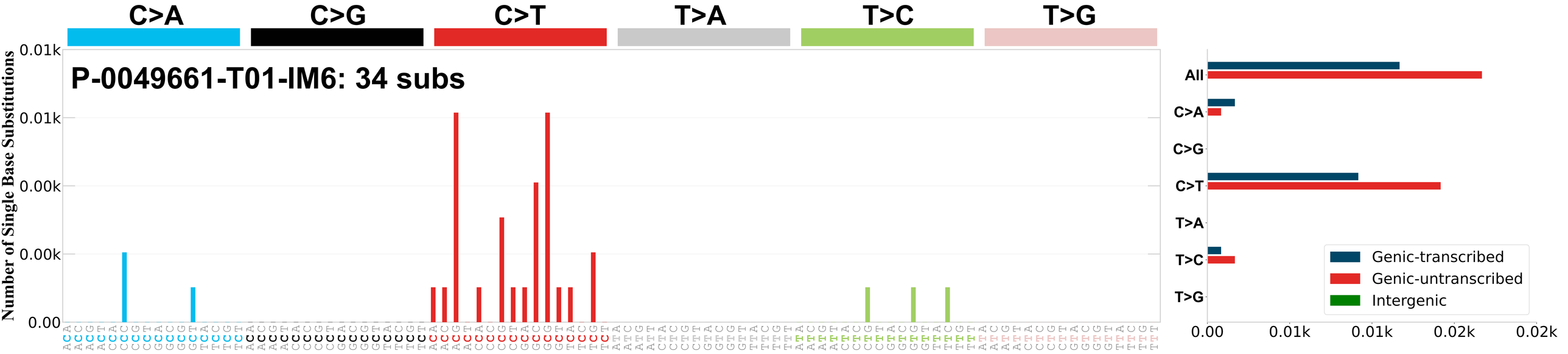

C>A
C>G
C>T
T>A
T>C
T>G
P-0049359-T01-IM6: 29 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.01k
0.02k

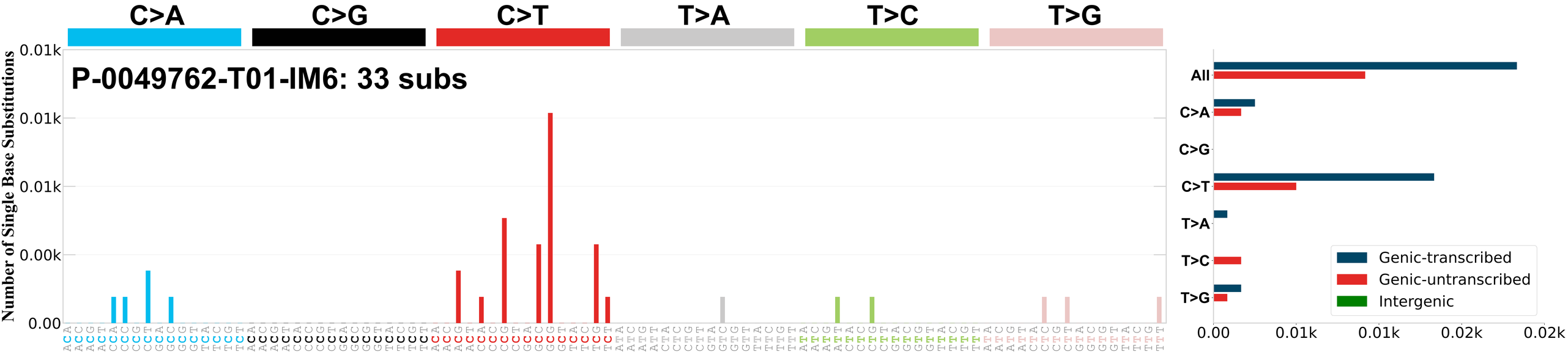

C>A
C>G
C>T
T>A
T>C
T>G
P-0049376-T01-IM6: 45 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k

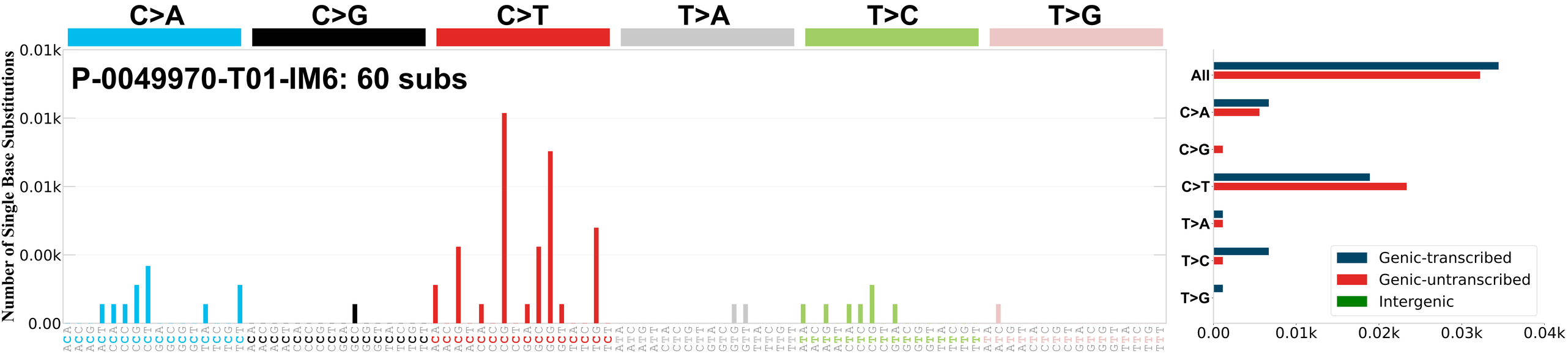
C>A
C>G
C>T
T>A
T>C
T>G
P-0049486-T01-IM6: 20 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.02k

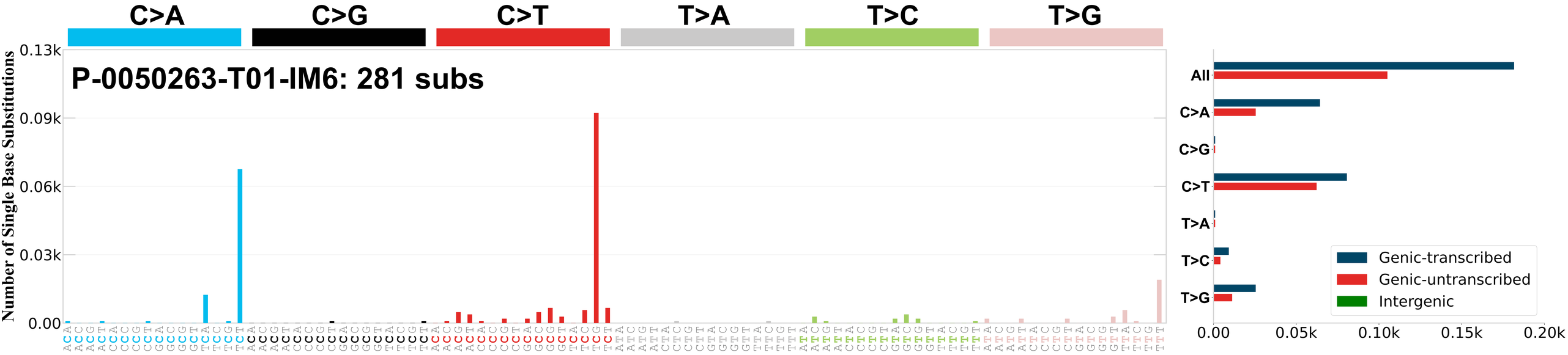

C>A
C>G
C>T
T>A
T>C
T>G
P-0049600-T01-IM6: 17 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.00k
0.01k
0.01k
0.01k

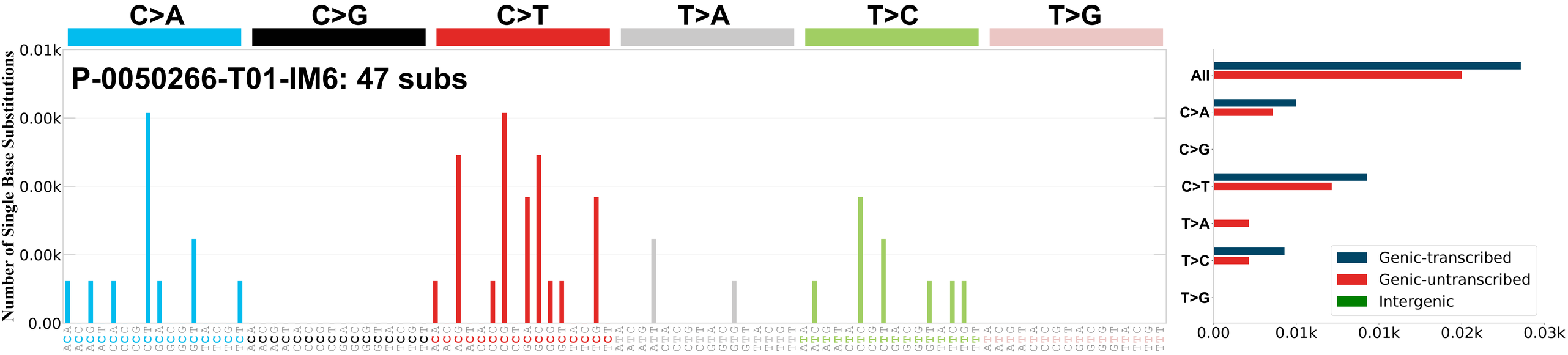

C>A
C>G
C>T
T>A
T>C
T>G
P-0049633-T01-IM6: 29 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.01k
0.02k


C>A
C>G
C>T
T>A
T>C
T>G
P-0049661-T01-IM6: 34 subs
Number of Single Base Substitutions
0.01k
0.01k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k


C>A
C>G
C>T
T>A
T>C
T>G
P-0049762-T01-IM6: 33 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.02k


C>A
C>G
C>T
T>A
T>C
T>G
P-0049970-T01-IM6: 60 subs
Number of Single Base Substitutions
0.01k
0.01k
0.01k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.02k
0.03k
0.04k


C>A
C>G
C>T
T>A
T>C
T>G
P-0050263-T01-IM6: 281 subs
Number of Single Base Substitutions
0.13k
0.09k
0.06k
0.03k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.05k
0.10k
0.15k
0.20k


C>A
C>G
C>T
T>A
T>C
T>G
P-0050266-T01-IM6: 47 subs
Number of Single Base Substitutions
0.01k
0.00k
0.00k
0.00k
0.00
All
C>A
C>G
C>T
T>A
T>C
T>G
Genic-transcribed
Genic-untranscribed
Intergenic
0.00
0.01k
0.01k
0.02k
0.03k