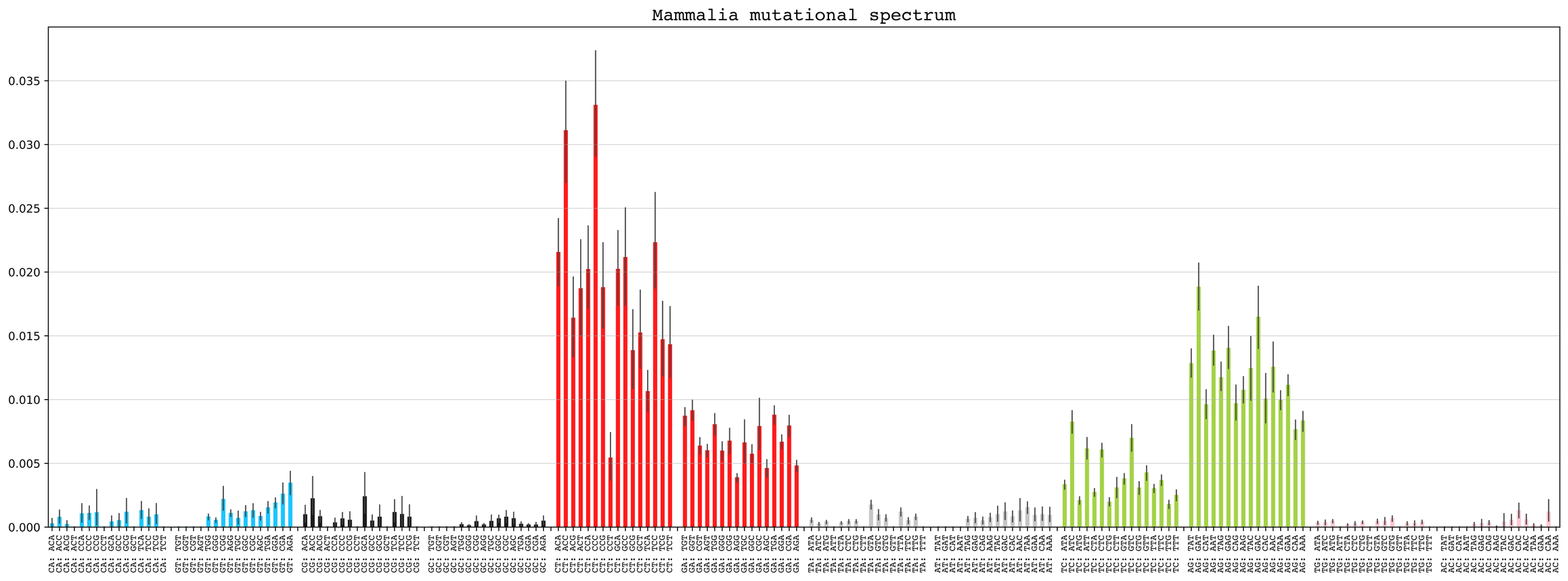
Mammalia mutational spectrum
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
CA: ACA
CA: ACC
CA: ACG
CA: ACT
CA: CCA
CA: CCC
CA: CCG
CA: CCT
CA: GCA
CA: GCC
CA: GCG
CA: GCT
CA: TCA
CA: TCC
CA: TCG
CA: TCT
GT: TGT
GT: GGT
GT: CGT
GT: AGT
GT: TGG
GT: GGG
GT: CGG
GT: AGG
GT: TGC
GT: GGC
GT: CGC
GT: AGC
GT: TGA
GT: GGA
GT: CGA
GT: AGA
CG: ACA
CG: ACC
CG: ACG
CG: ACT
CG: CCA
CG: CCC
CG: CCG
CG: CCT
CG: GCA
CG: GCC
CG: GCG
CG: GCT
CG: TCA
CG: TCC
CG: TCG
CG: TCT
GC: TGT
GC: GGT
GC: CGT
GC: AGT
GC: TGG
GC: GGG
GC: CGG
GC: AGG
GC: TGC
GC: GGC
GC: CGC
GC: AGC
GC: TGA
GC: GGA
GC: CGA
GC: AGA
CT: ACA
CT: ACC
CT: ACG
CT: ACT
CT: CCA
CT: CCC
CT: CCG
CT: CCT
CT: GCA
CT: GCC
CT: GCG
CT: GCT
CT: TCA
CT: TCC
CT: TCG
CT: TCT
GA: TGT
GA: GGT
GA: CGT
GA: AGT
GA: TGG
GA: GGG
GA: CGG
GA: AGG
GA: TGC
GA: GGC
GA: CGC
GA: AGC
GA: TGA
GA: GGA
GA: CGA
GA: AGA
TA: ATA
TA: ATC
TA: ATG
TA: ATT
TA: CTA
TA: CTC
TA: CTG
TA: CTT
TA: GTA
TA: GTC
TA: GTG
TA: GTT
TA: TTA
TA: TTC
TA: TTG
TA: TTT
AT: TAT
AT: GAT
AT: CAT
AT: AAT
AT: TAG
AT: GAG
AT: CAG
AT: AAG
AT: TAC
AT: GAC
AT: CAC
AT: AAC
AT: TAA
AT: GAA
AT: CAA
AT: AAA
TC: ATA
TC: ATC
TC: ATG
TC: ATT
TC: CTA
TC: CTC
TC: CTG
TC: CTT
TC: GTA
TC: GTC
TC: GTG
TC: GTT
TC: TTA
TC: TTC
TC: TTG
TC: TTT
AG: TAT
AG: GAT
AG: CAT
AG: AAT
AG: TAG
AG: GAG
AG: CAG
AG: AAG
AG: TAC
AG: GAC
AG: CAC
AG: AAC
AG: TAA
AG: GAA
AG: CAA
AG: AAA
TG: ATA
TG: ATC
TG: ATG
TG: ATT
TG: CTA
TG: CTC
TG: CTG
TG: CTT
TG: GTA
TG: GTC
TG: GTG
TG: GTT
TG: TTA
TG: TTC
TG: TTG
TG: TTT
AC: TAT
AC: GAT
AC: CAT
AC: AAT
AC: TAG
AC: GAG
AC: CAG
AC: AAG
AC: TAC
AC: GAC
AC: CAC
AC: AAC
AC: TAA
AC: GAA
AC: CAA
AC: AAA