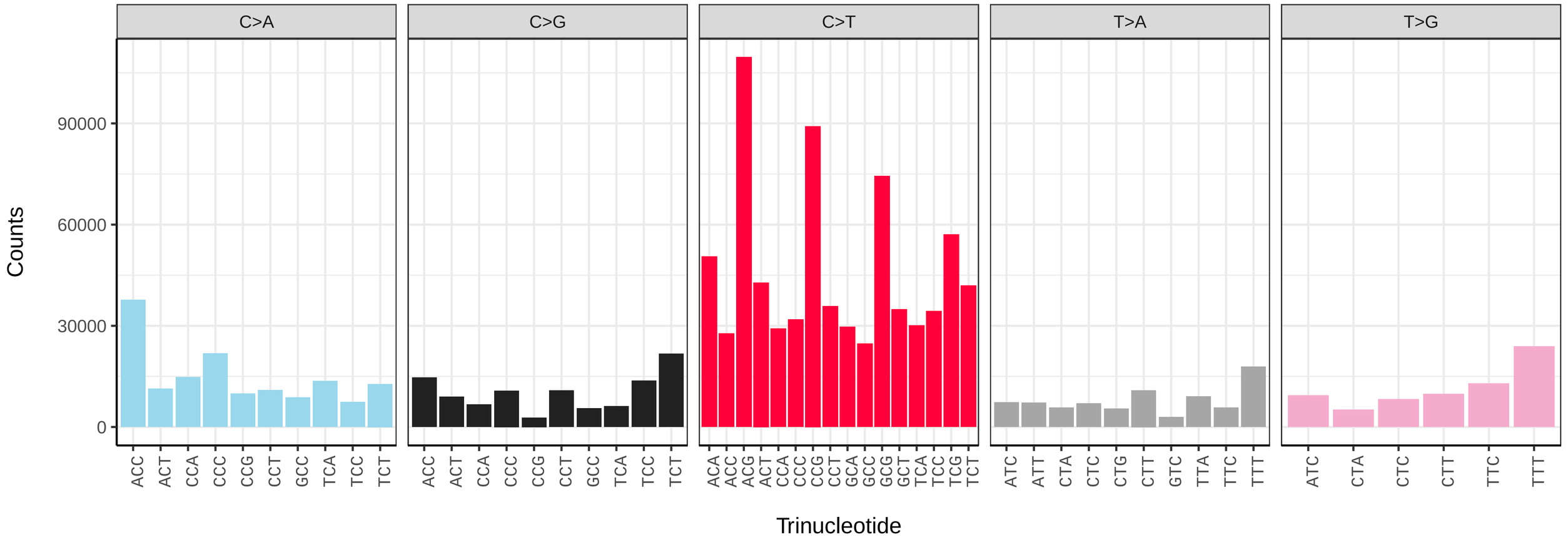
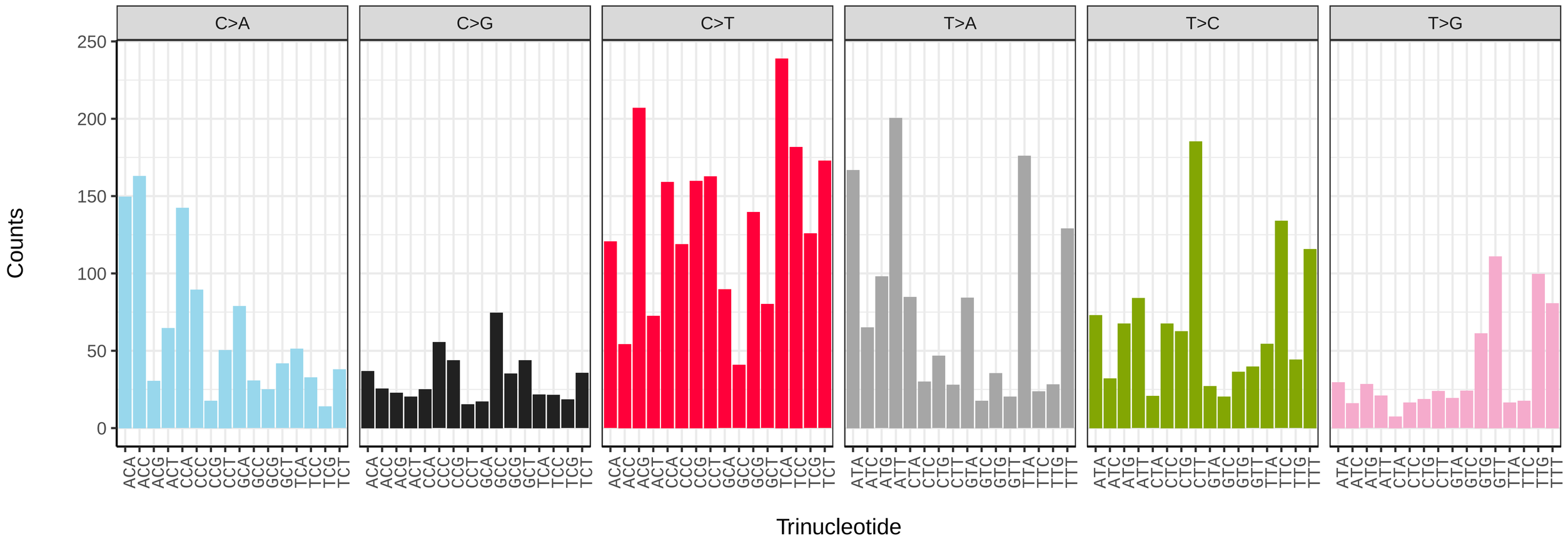
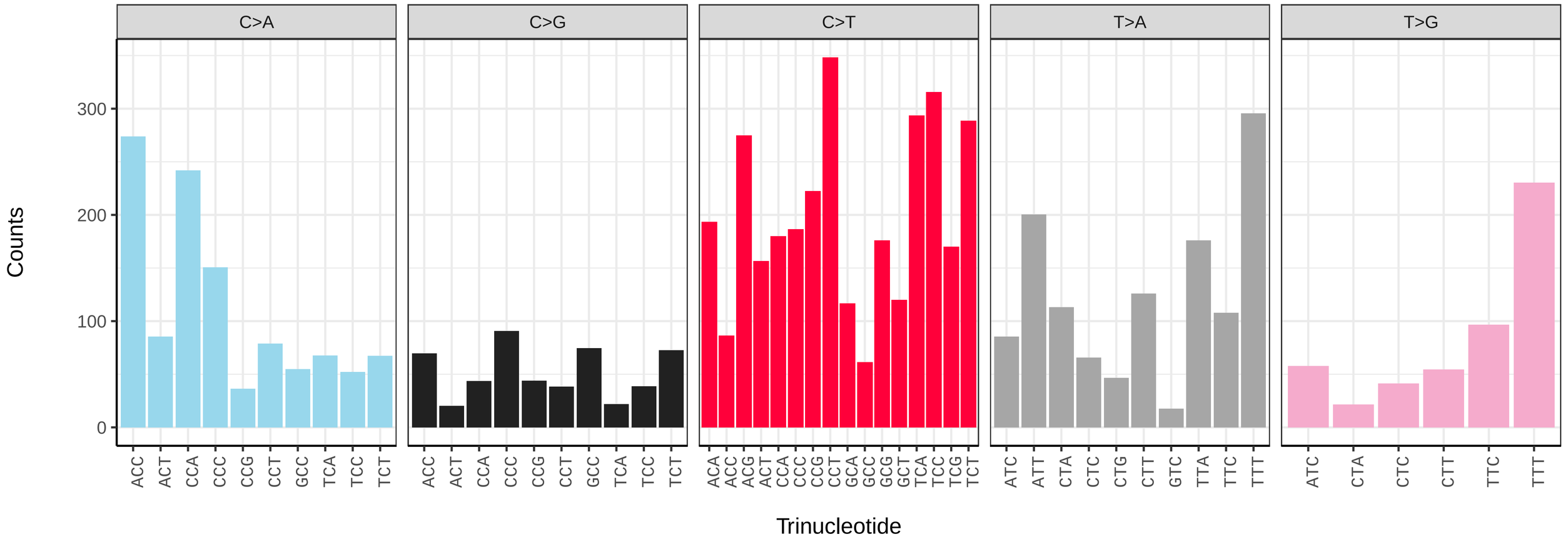
Accipiter gentilis (bAccGen1) germline mutational spectrum



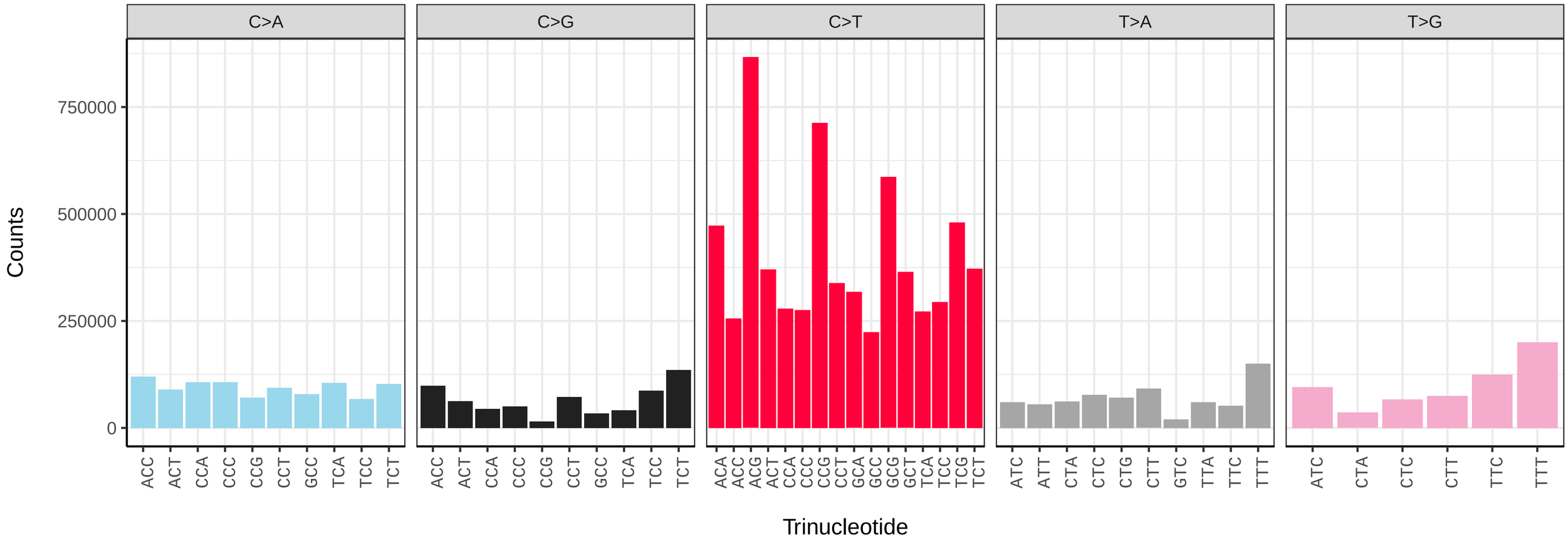
Accipiter gentilis (bAccGen1) somatic mutational spectrum (SBS96 classification)



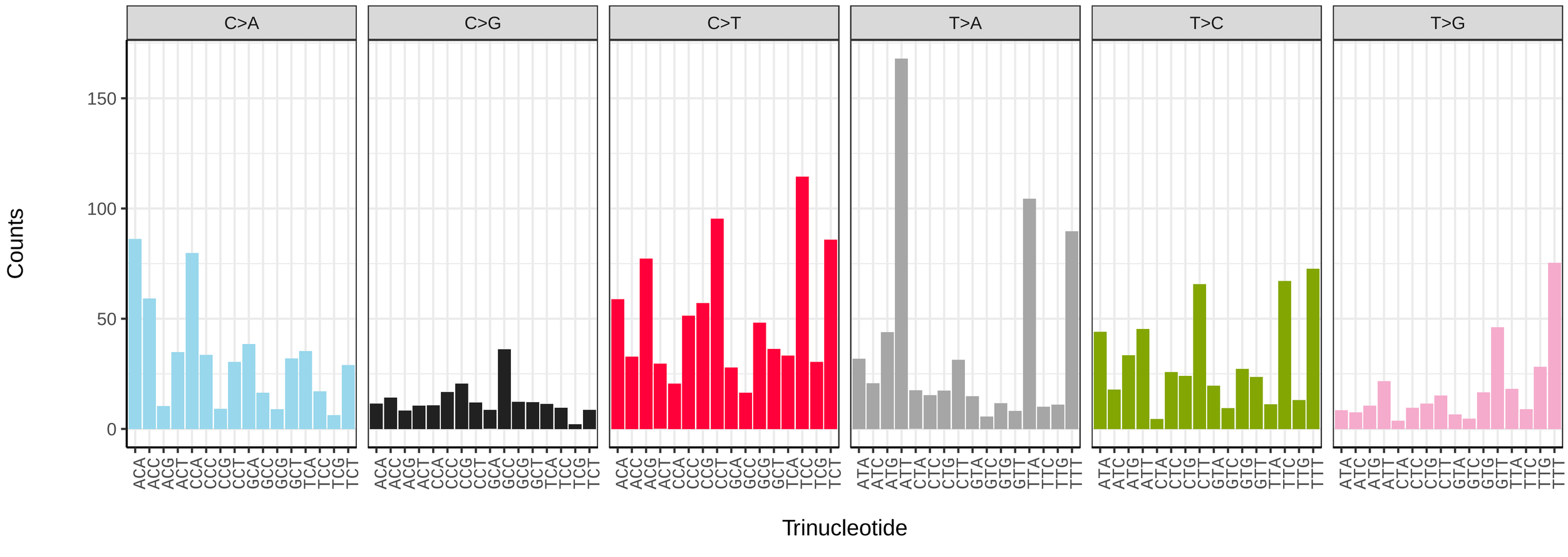
Accipiter gentilis (bAccGen1) somatic mutational spectrum (SBS52 classification)



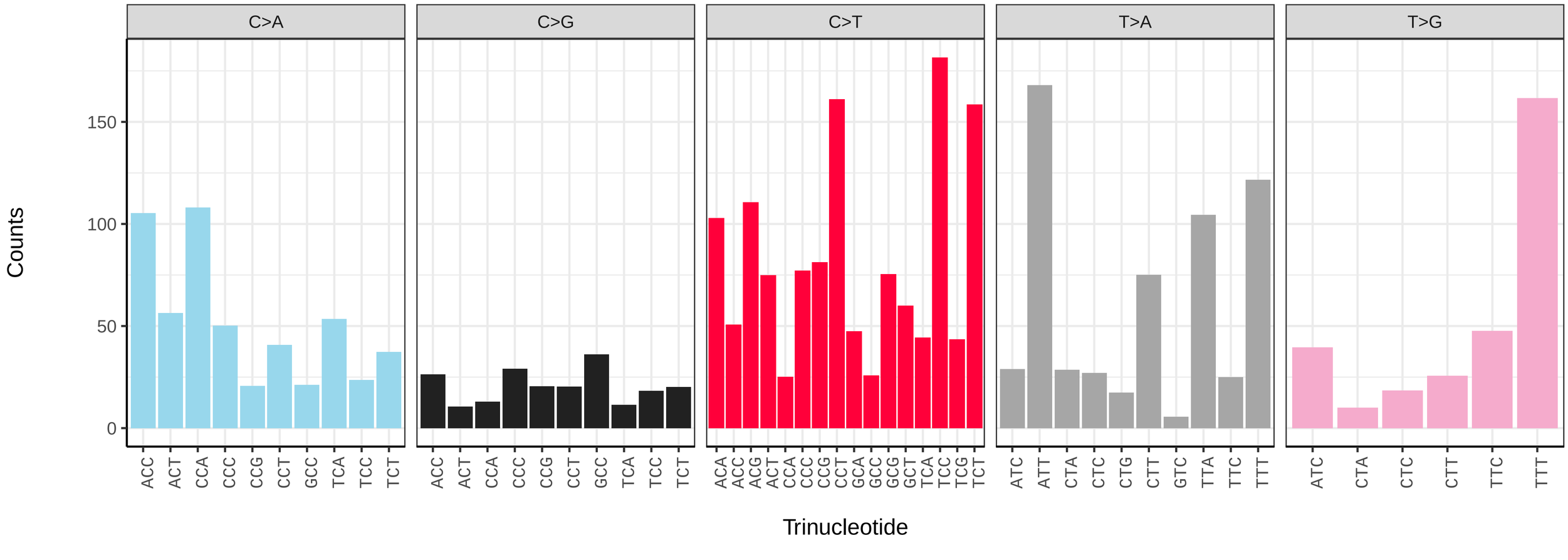
Anas acuta (bAnaAcu1) germline mutational spectrum



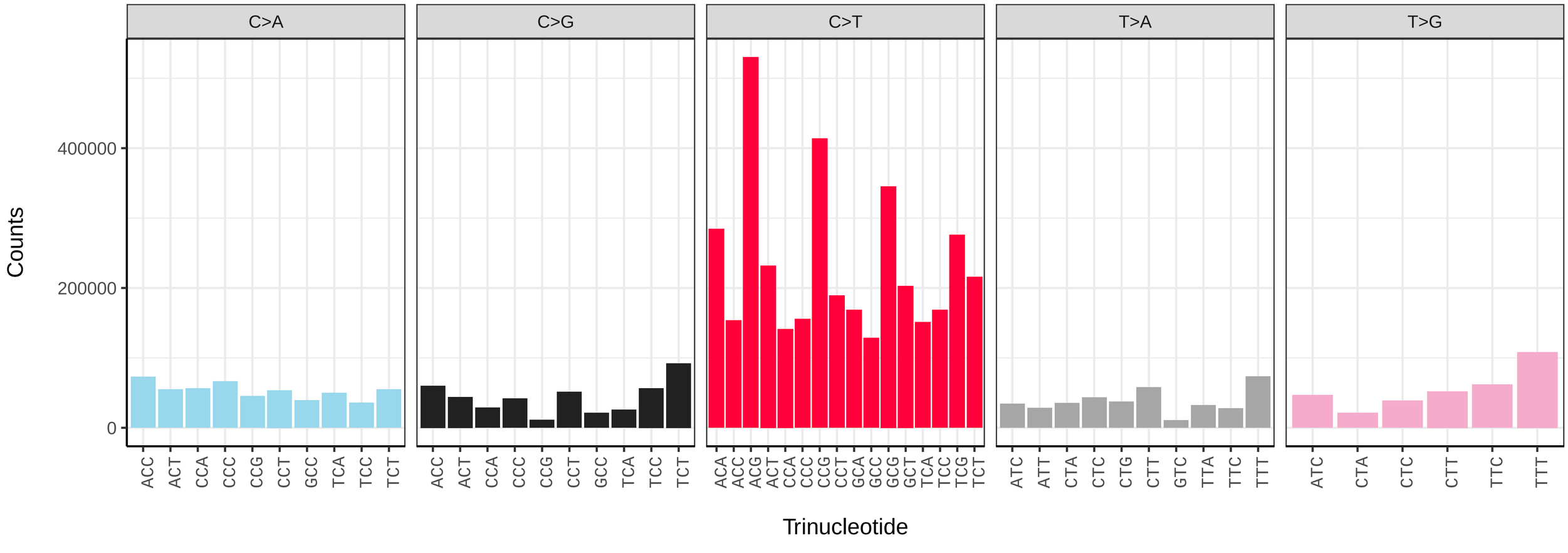
Anas acuta (bAnaAcu1) somatic mutational spectrum (SBS96 classification)



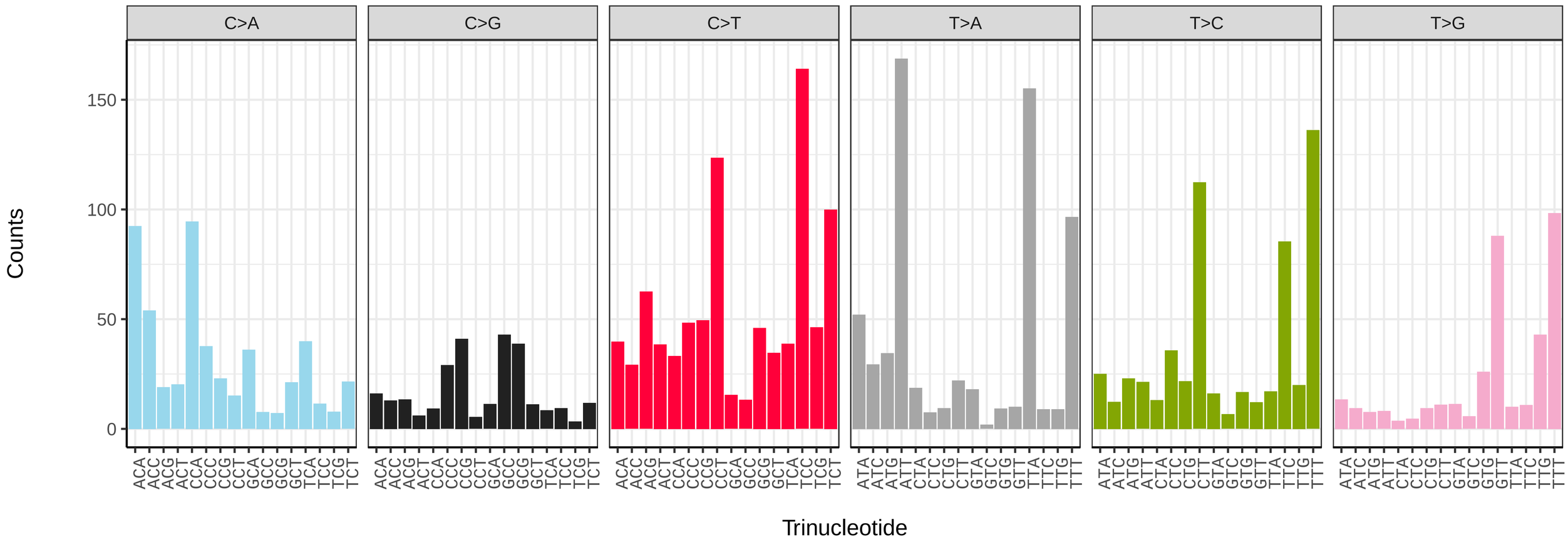
Anas acuta (bAnaAcu1) somatic mutational spectrum (SBS52 classification)



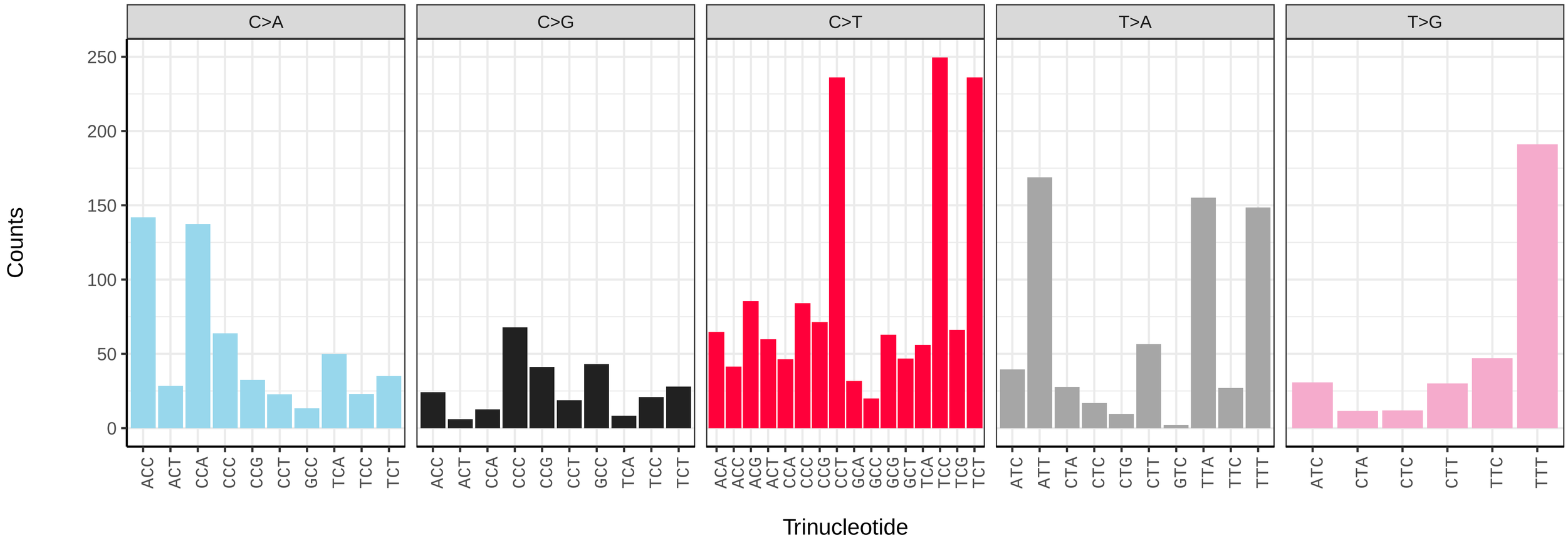
Anser brachyrhynchus (bAnsBra1) germline mutational spectrum



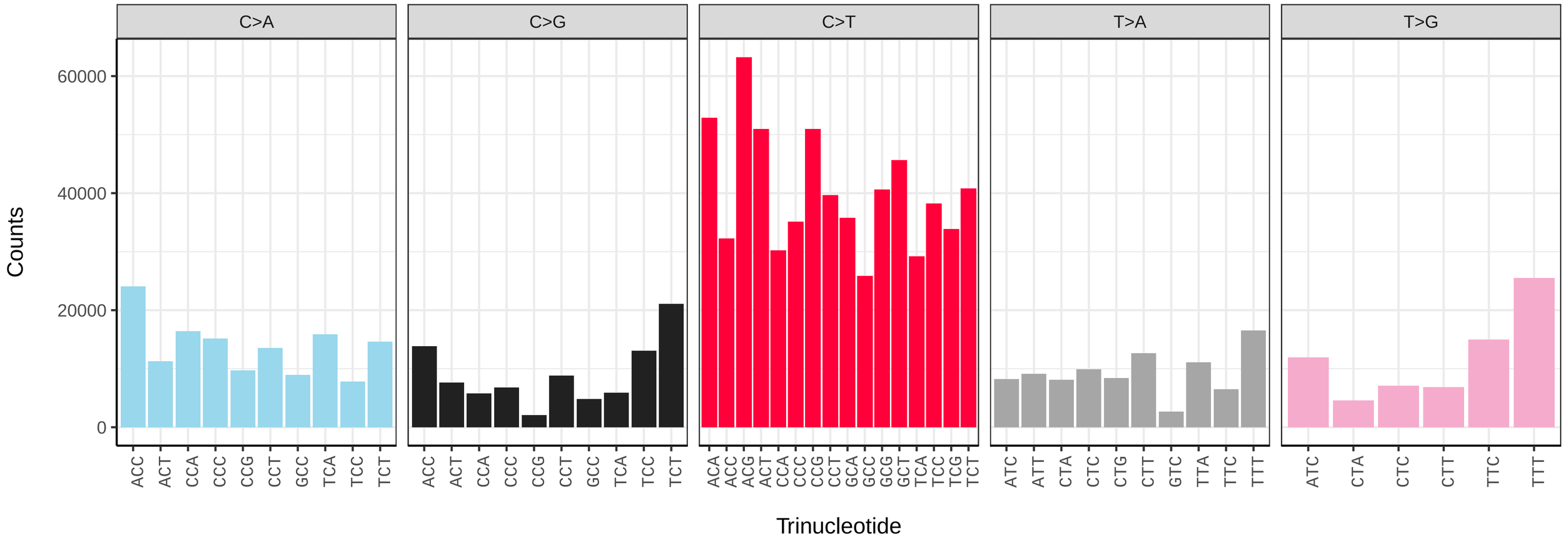
Anser brachyrhynchus (bAnsBra1) somatic mutational spectrum (SBS96 classification)



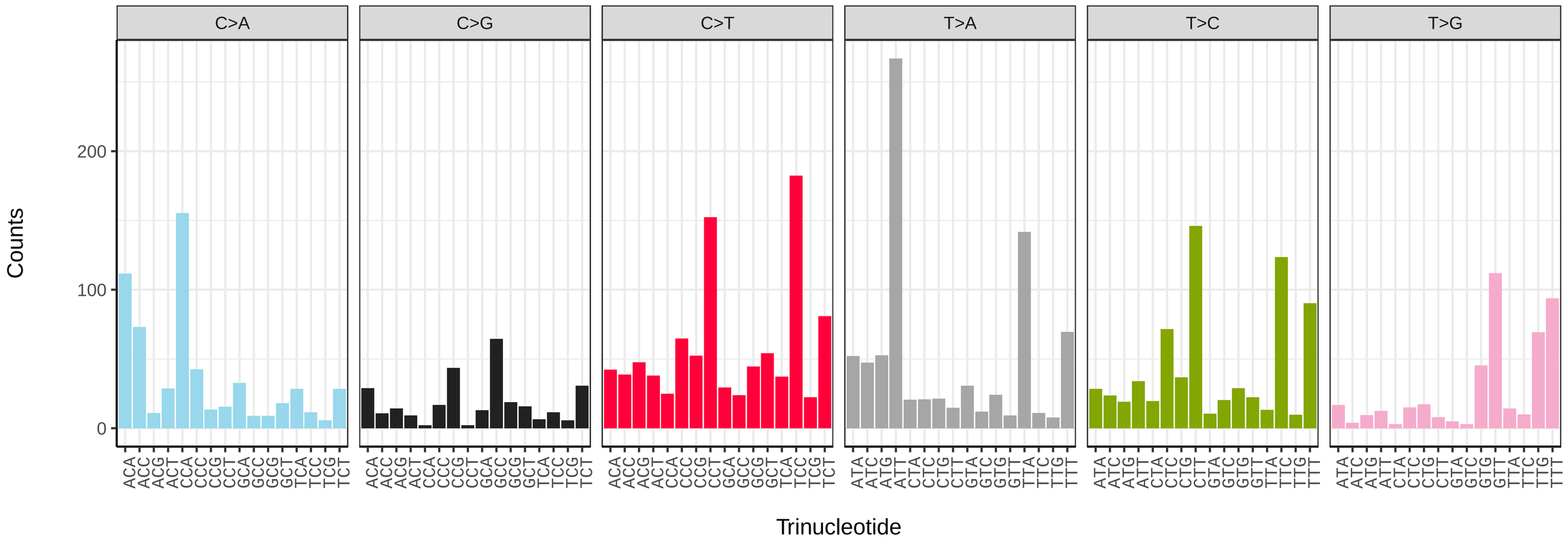
Anser brachyrhynchus (bAnsBra1) somatic mutational spectrum (SBS52 classification)



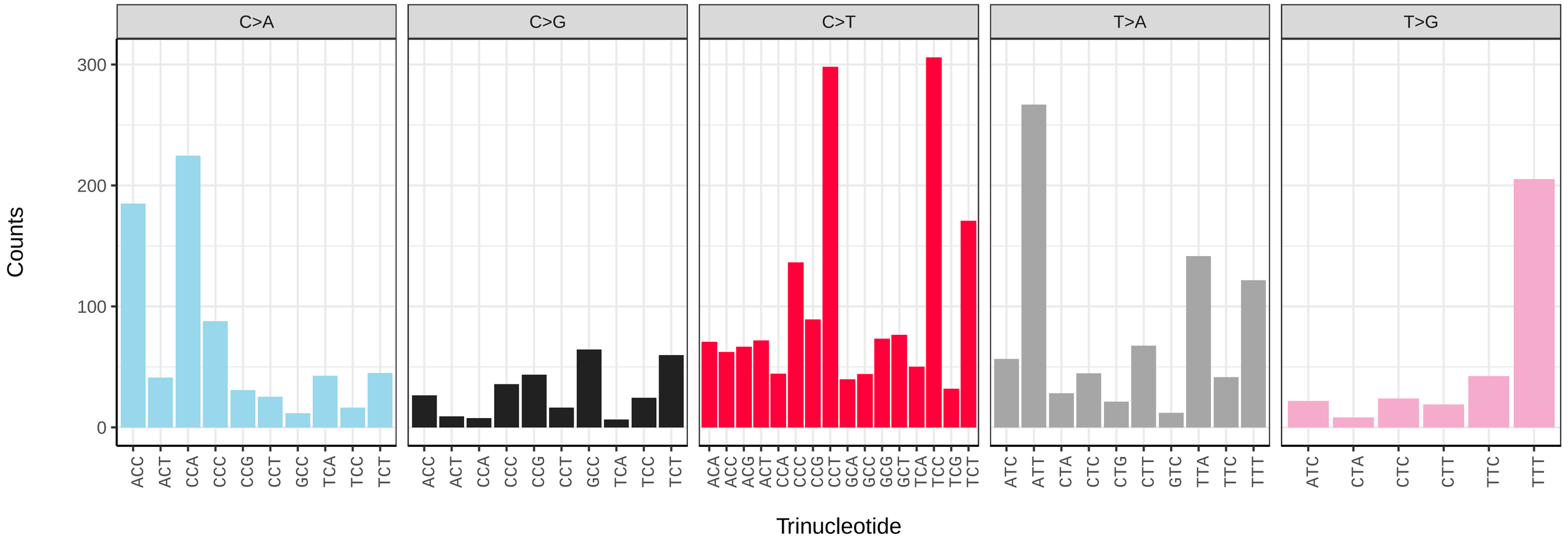
Cinclus cinclus (bCinCin1) germline mutational spectrum



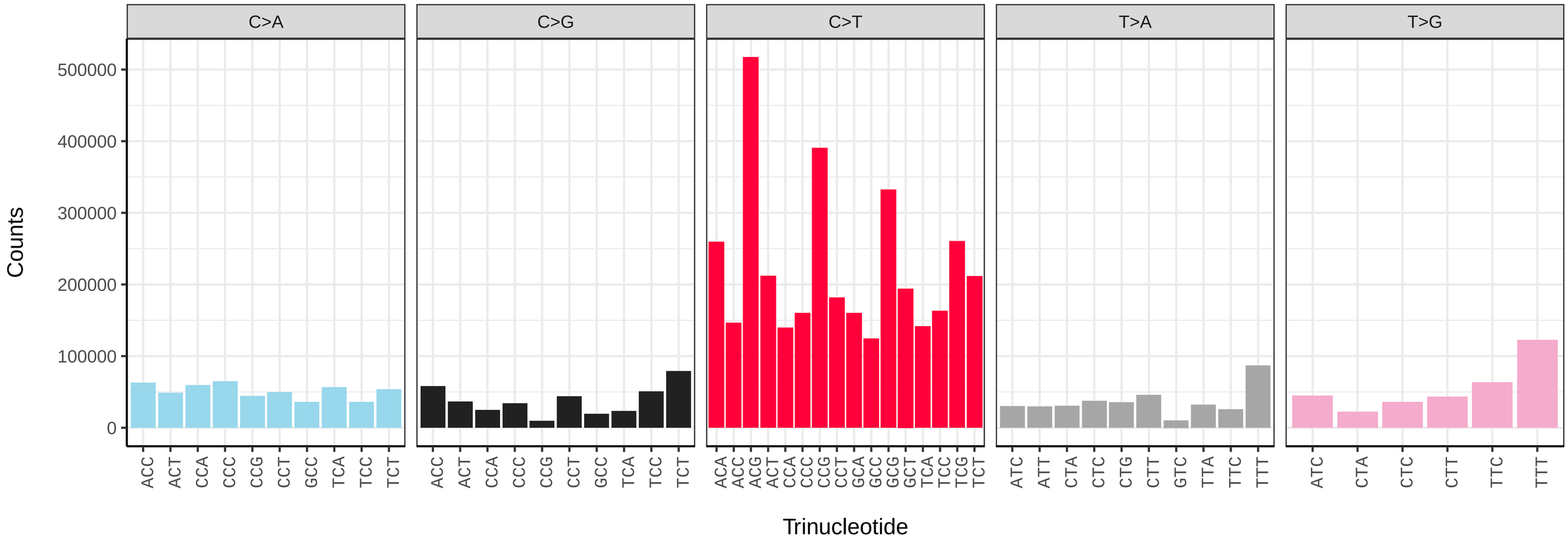
Cinclus cinclus (bCinCin1) somatic mutational spectrum (SBS96 classification)



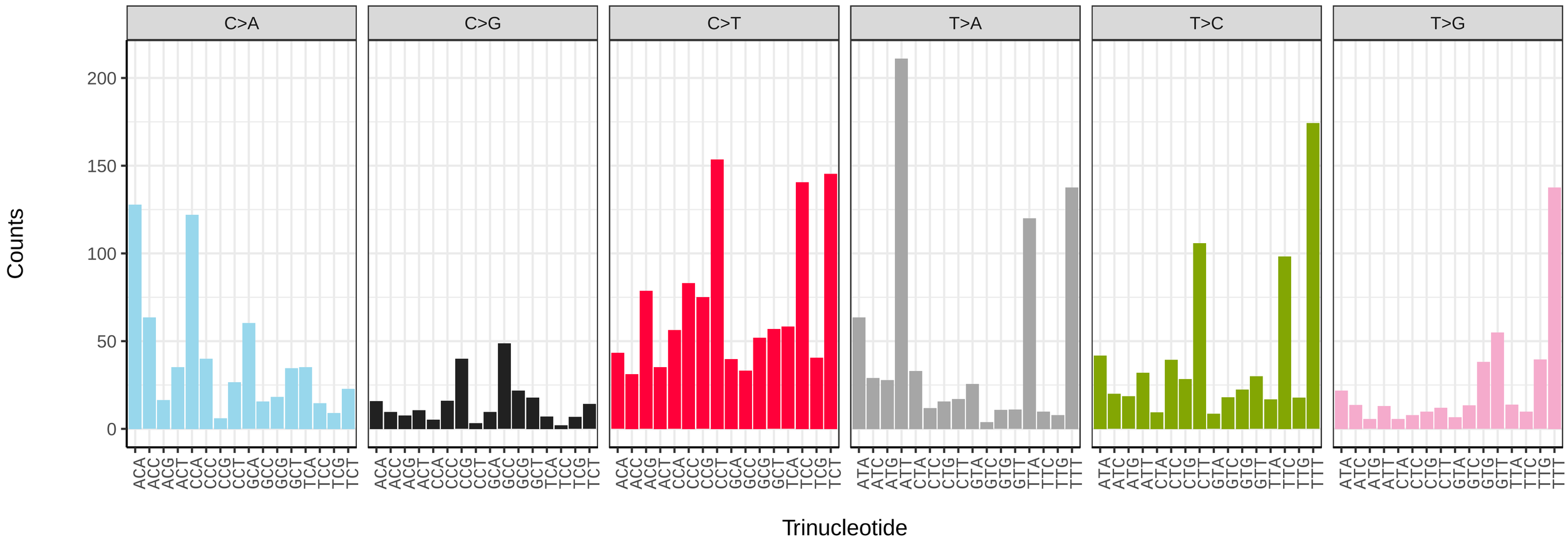
Cinclus cinclus (bCinCin1) somatic mutational spectrum (SBS52 classification)



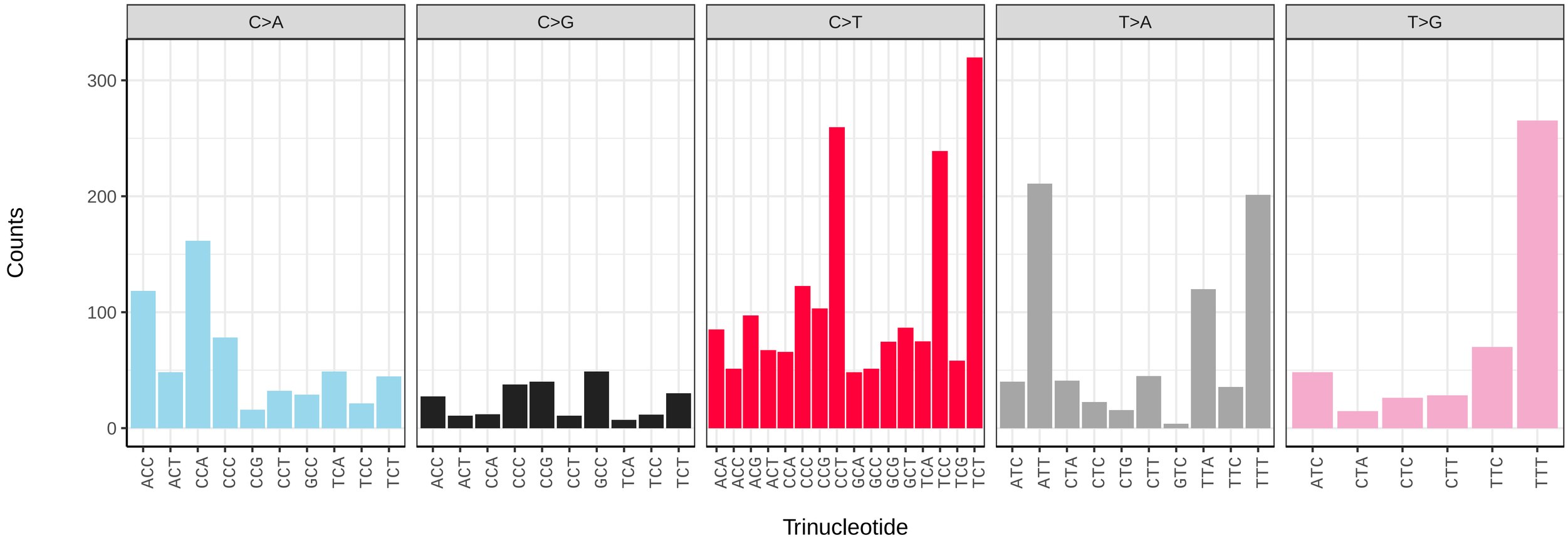
Clangula hyemalis (bClaHye2) germline mutational spectrum



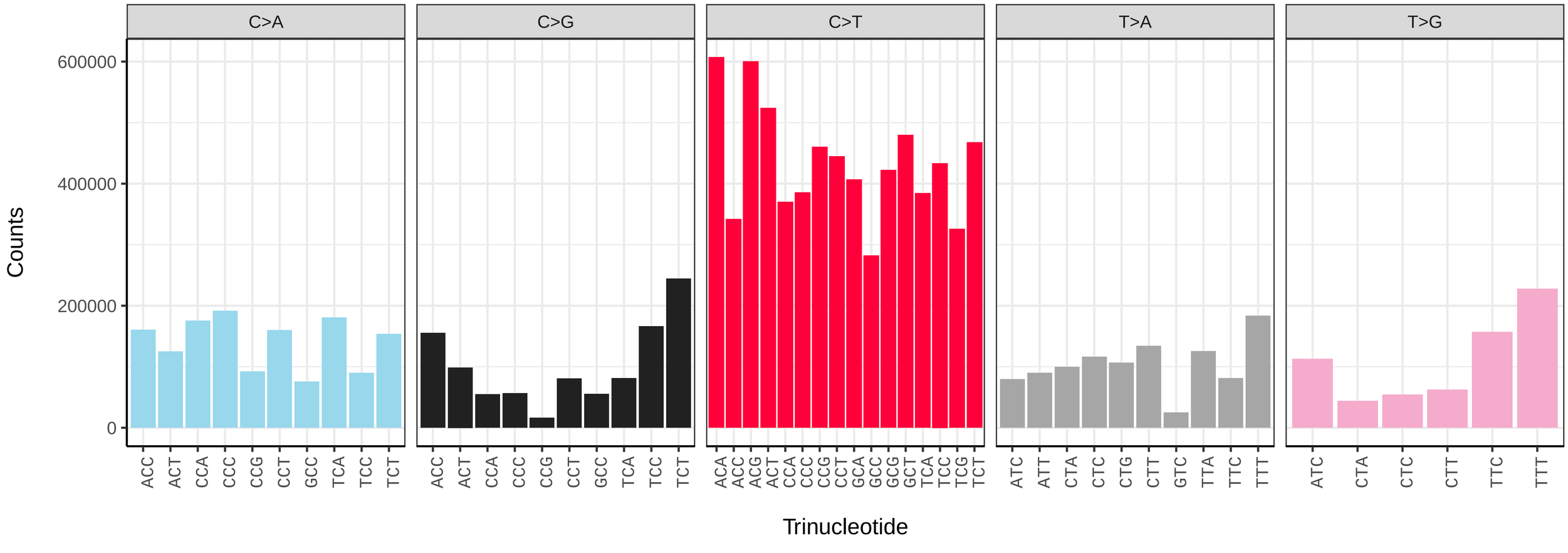
Clangula hyemalis (bClaHye2) somatic mutational spectrum (SBS96 classification)



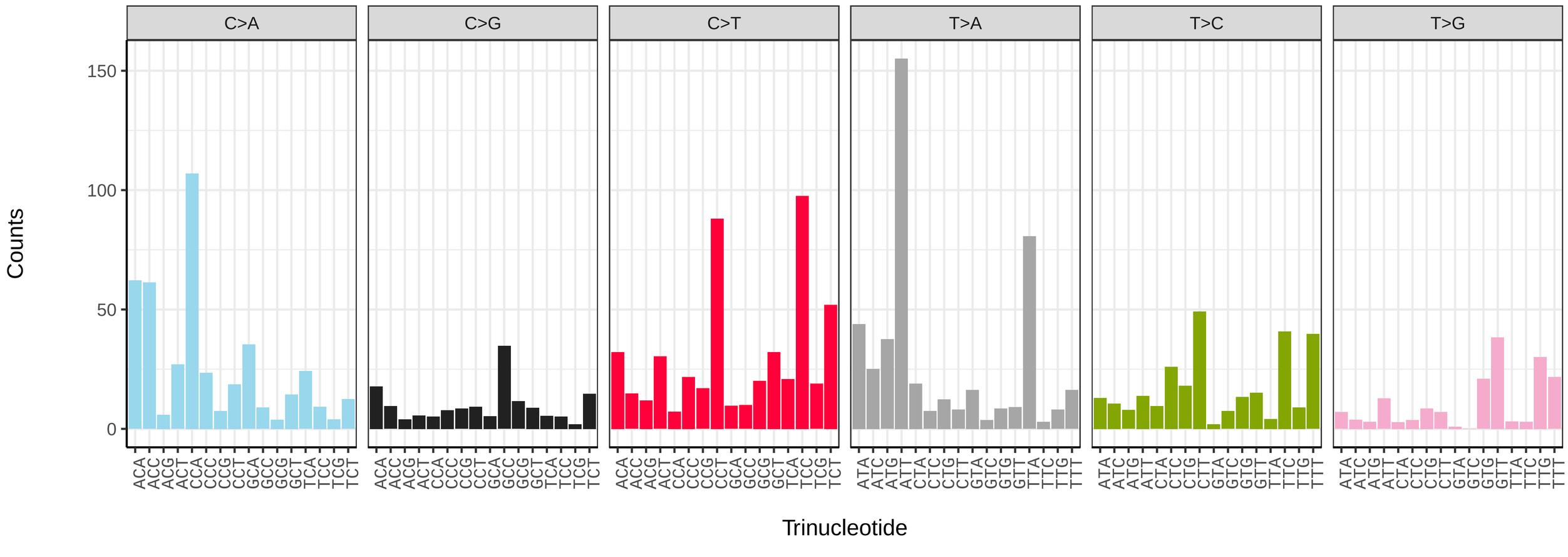
Clangula hyemalis (bClaHye2) somatic mutational spectrum (SBS52 classification)



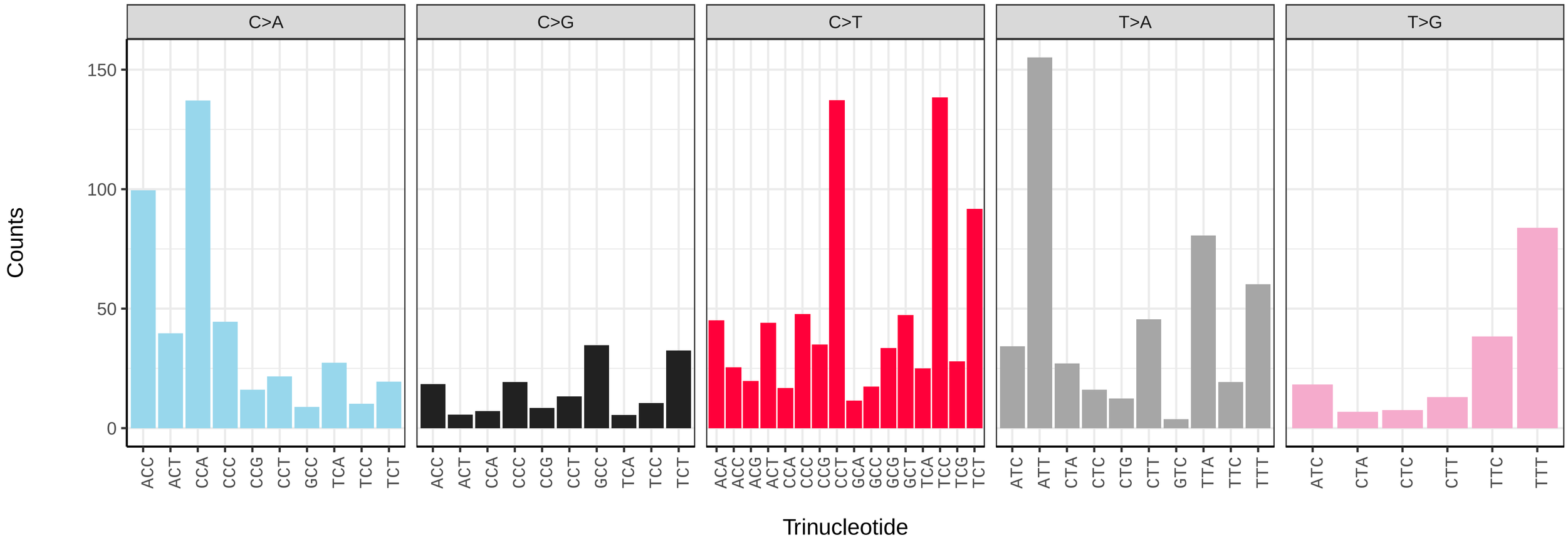
Fringilla coelebs (bFriCoe1) germline mutational spectrum



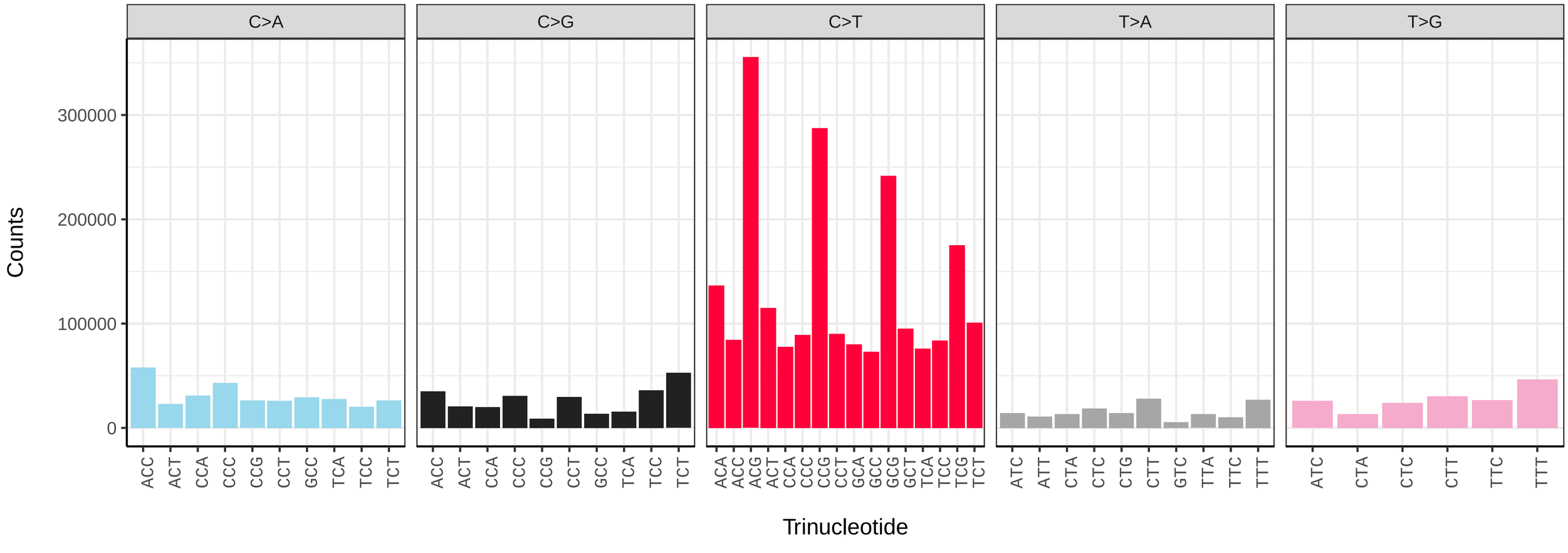
Fringilla coelebs (bFriCoe1) somatic mutational spectrum (SBS96 classification)



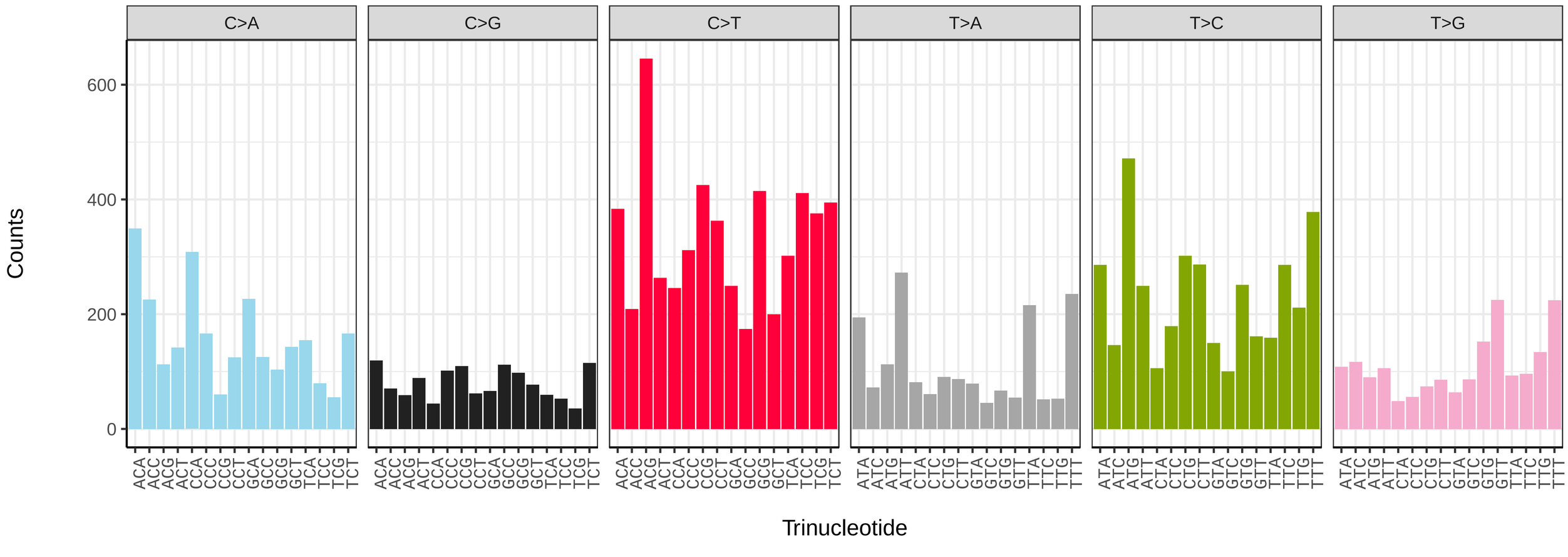
Fringilla coelebs (bFriCoe1) somatic mutational spectrum (SBS52 classification)



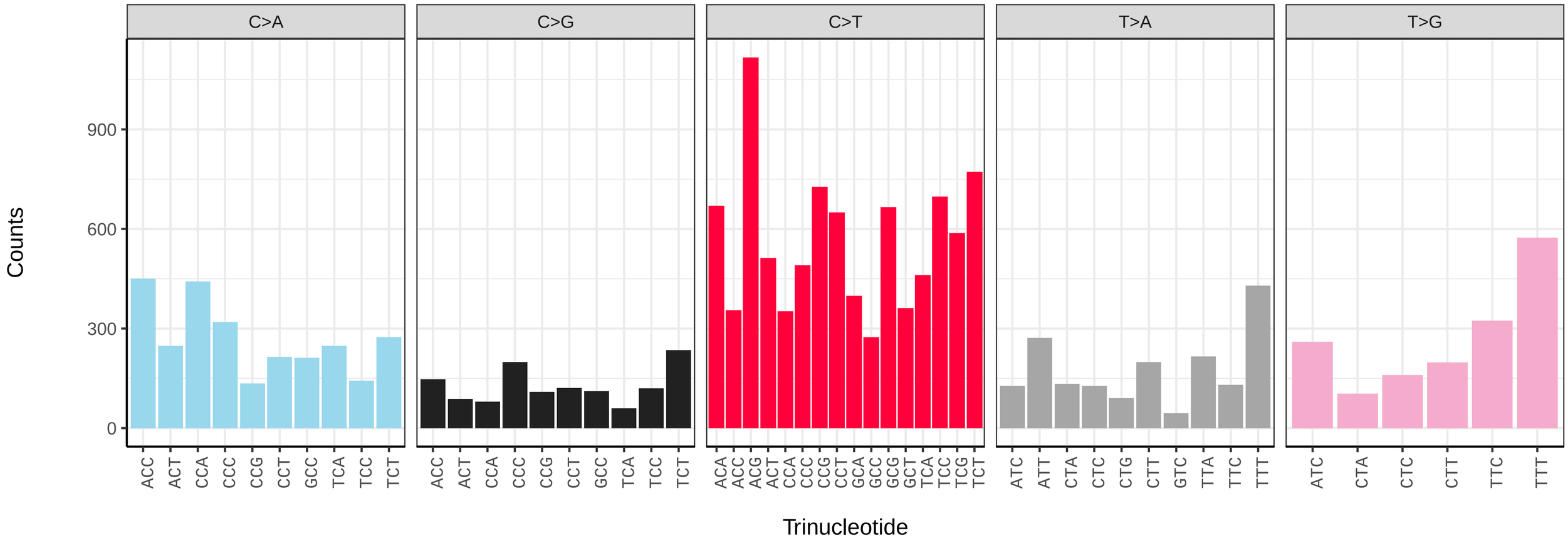
Larus fuscus (bLarFus1) germline mutational spectrum



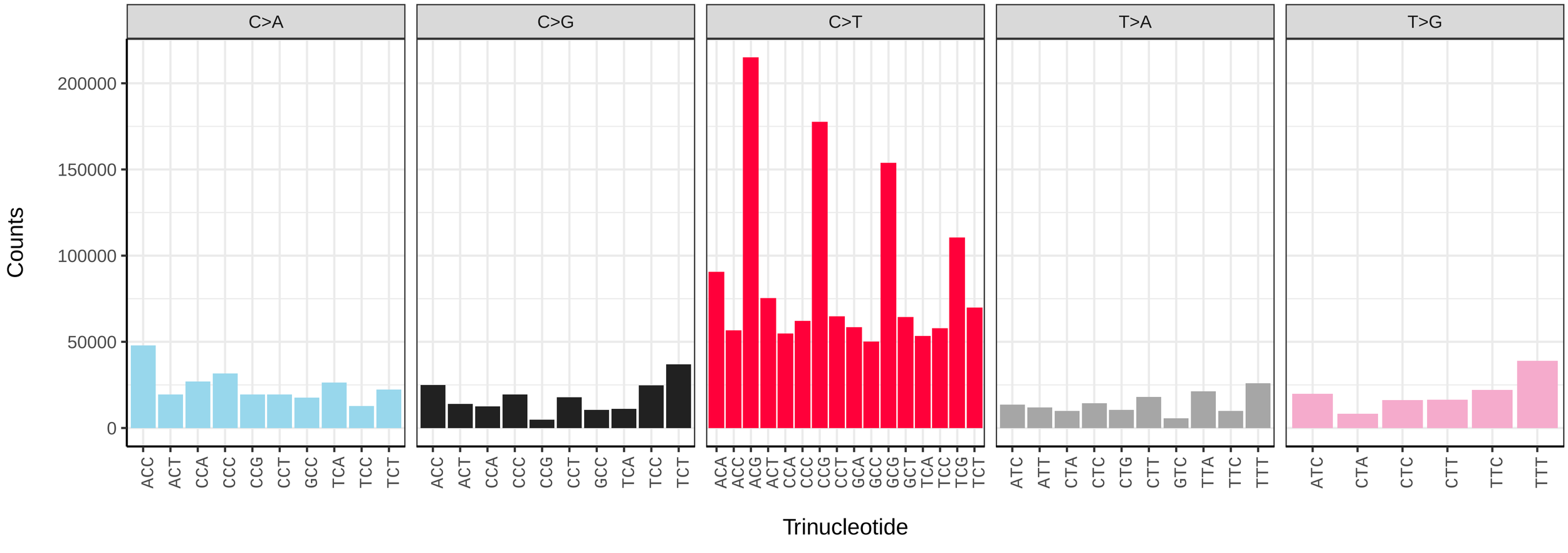
Larus fuscus (bLarFus1) somatic mutational spectrum (SBS96 classification)



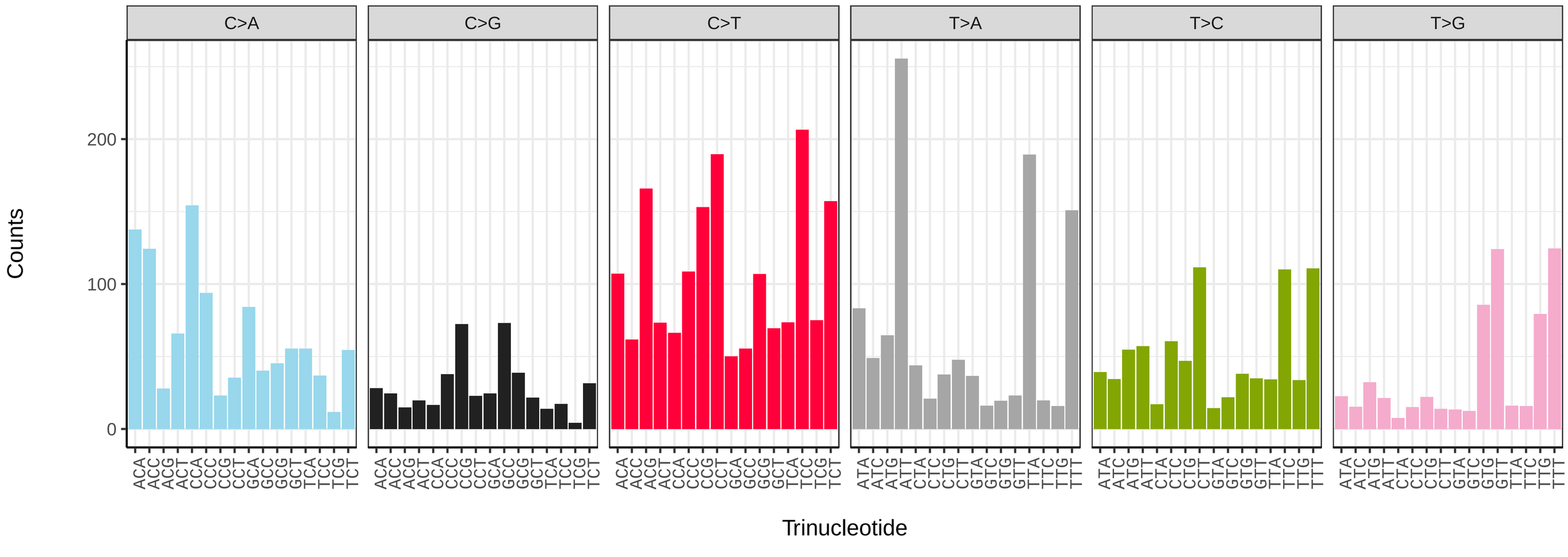
Larus fuscus (bLarFus1) somatic mutational spectrum (SBS52 classification)



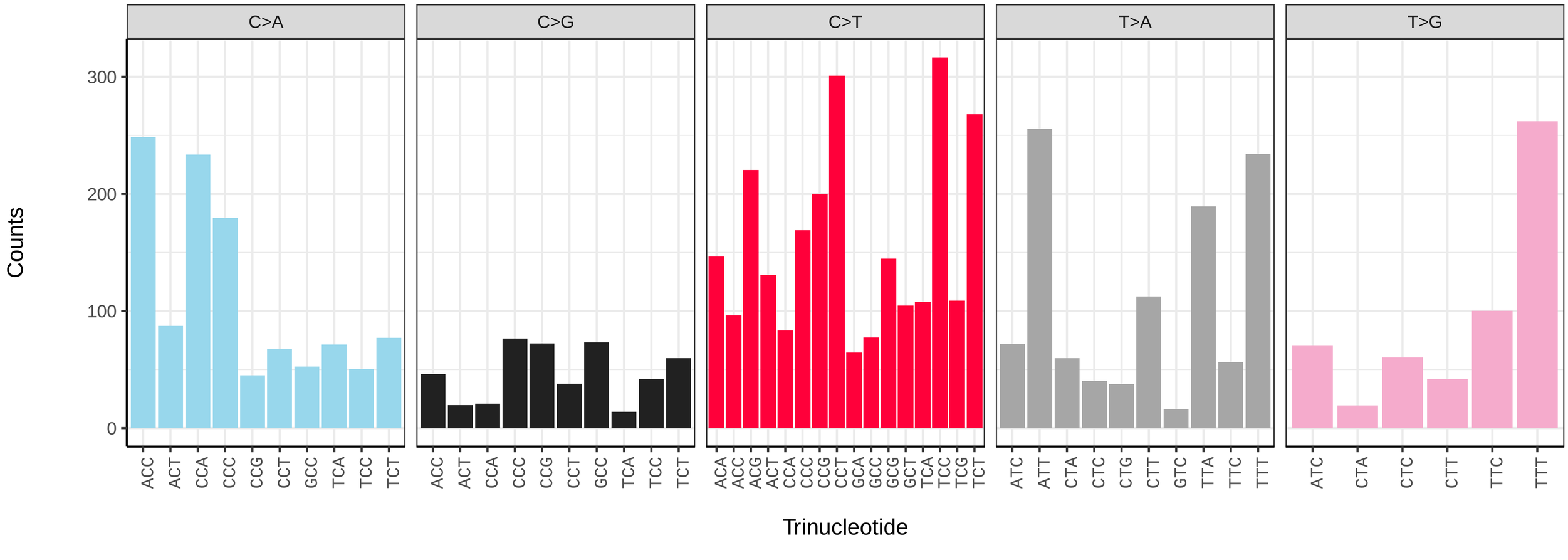
Phalacrocorax carbo (bPhaCar2) germline mutational spectrum



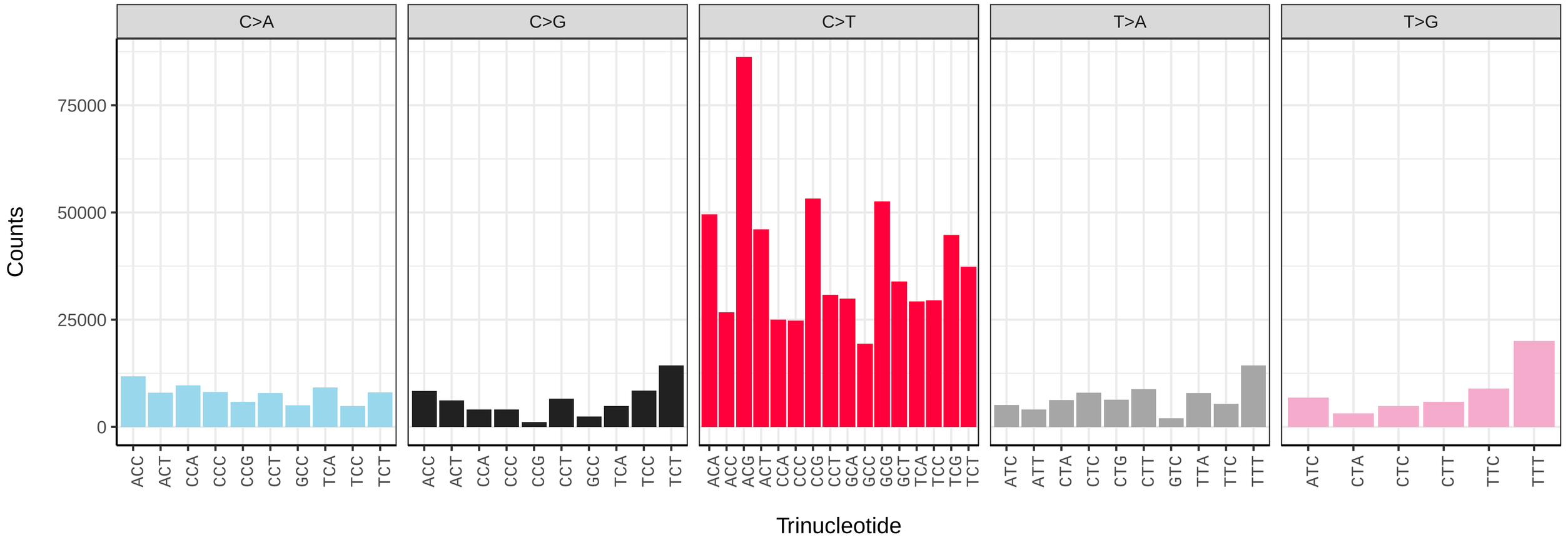
Phalacrocorax carbo (bPhaCar2) somatic mutational spectrum (SBS96 classification)



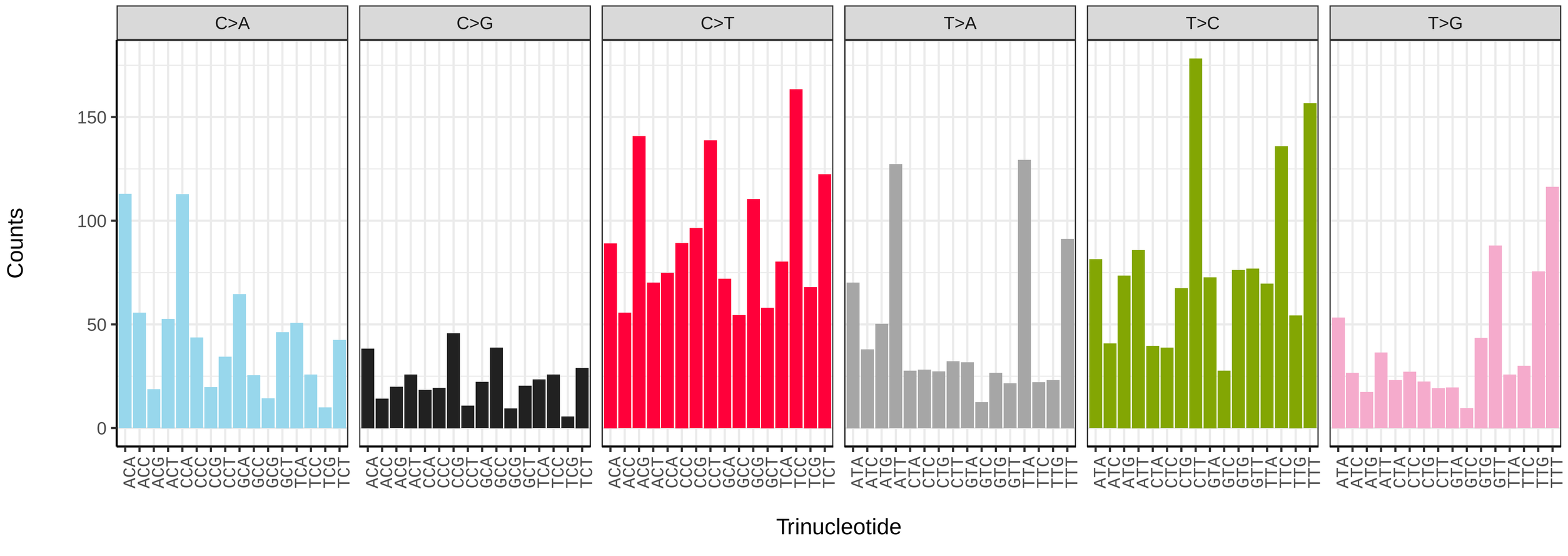
Phalacrocorax carbo (bPhaCar2) somatic mutational spectrum (SBS52 classification)



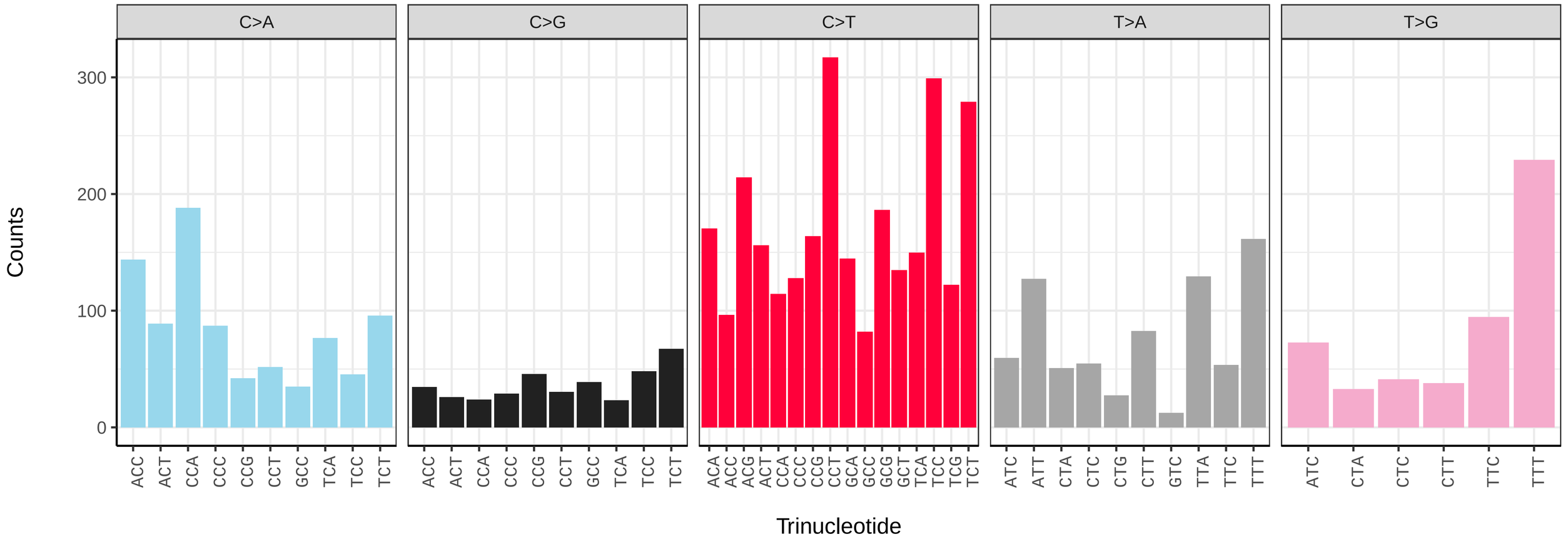
Tetrao urogallus (bTetUro1) germline mutational spectrum



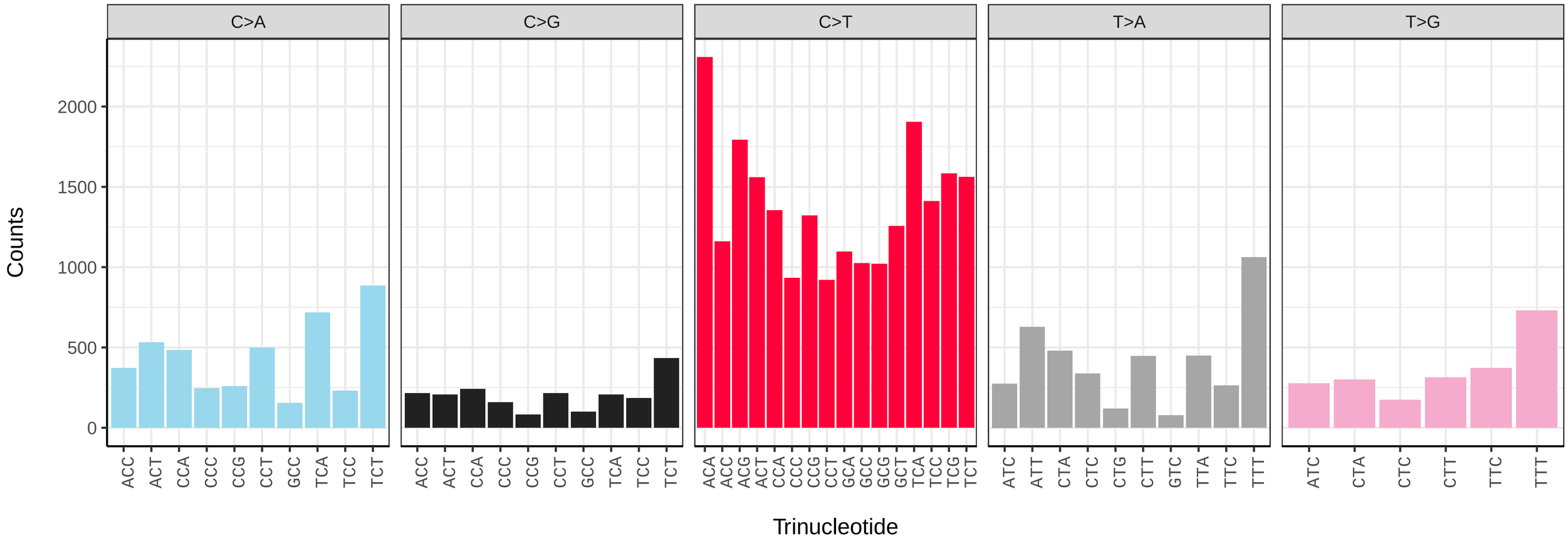
Tetrao urogallus (bTetUro1) somatic mutational spectrum (SBS96 classification)



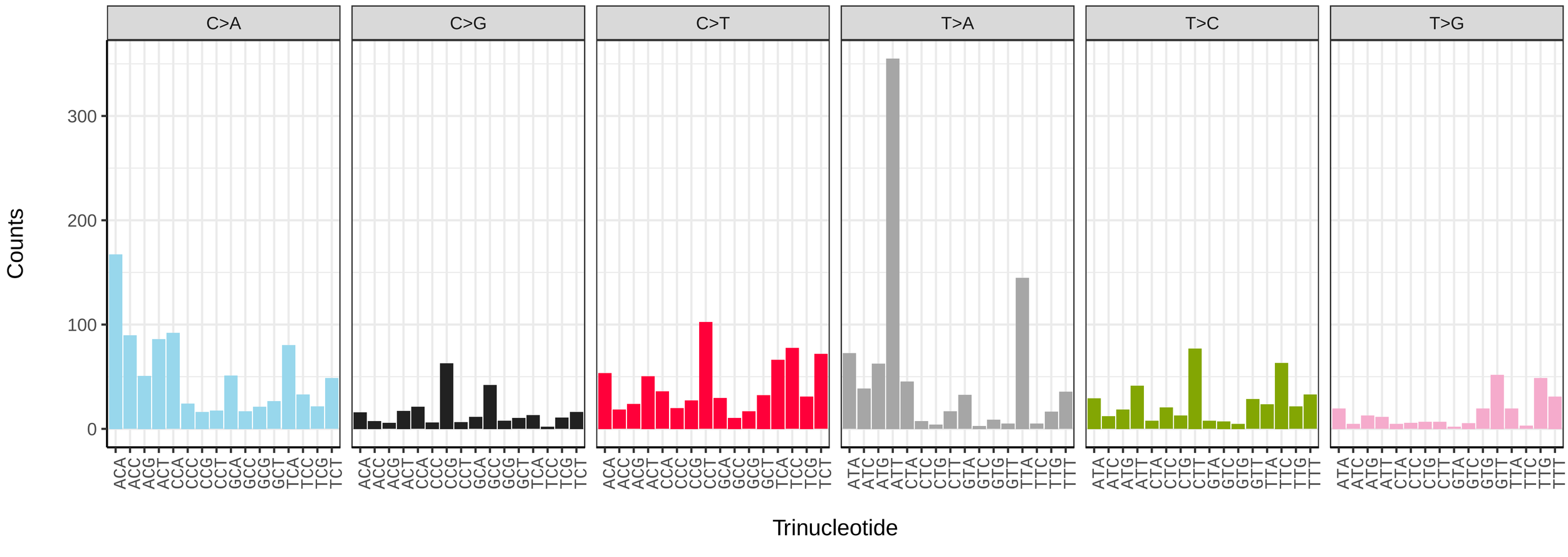
Tetrao urogallus (bTetUro1) somatic mutational spectrum (SBS52 classification)



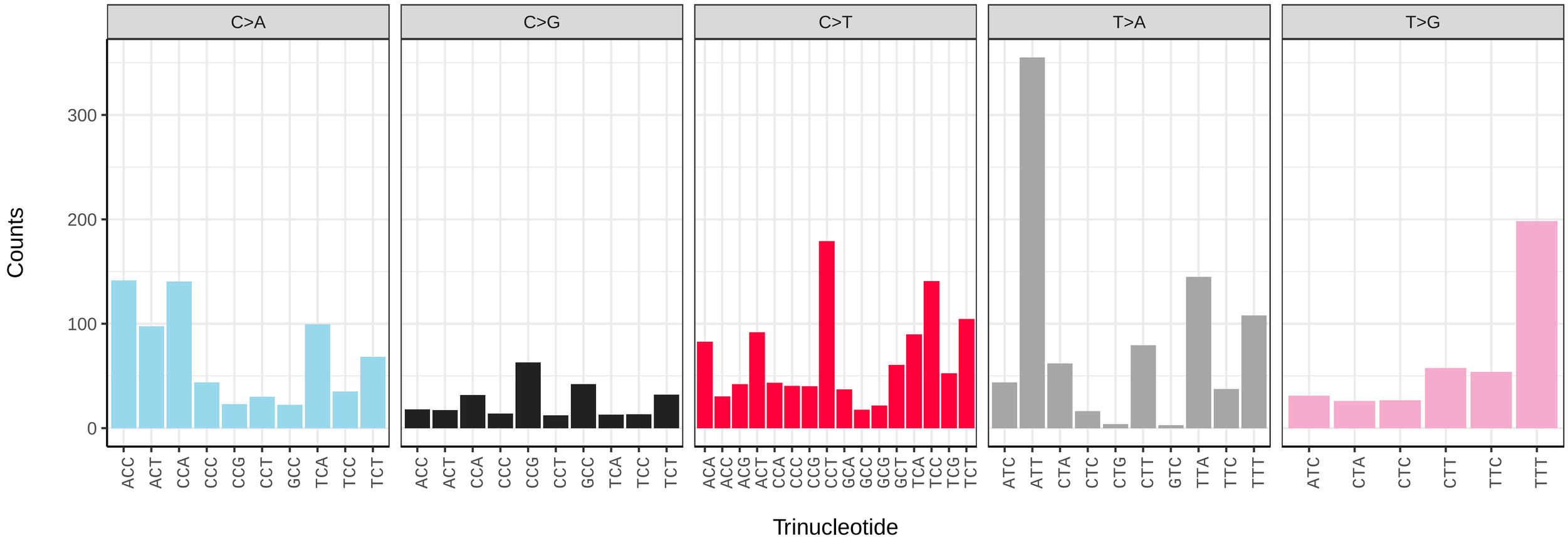
Ajuga chamaepitys (daAjuCham1) germline mutational spectrum



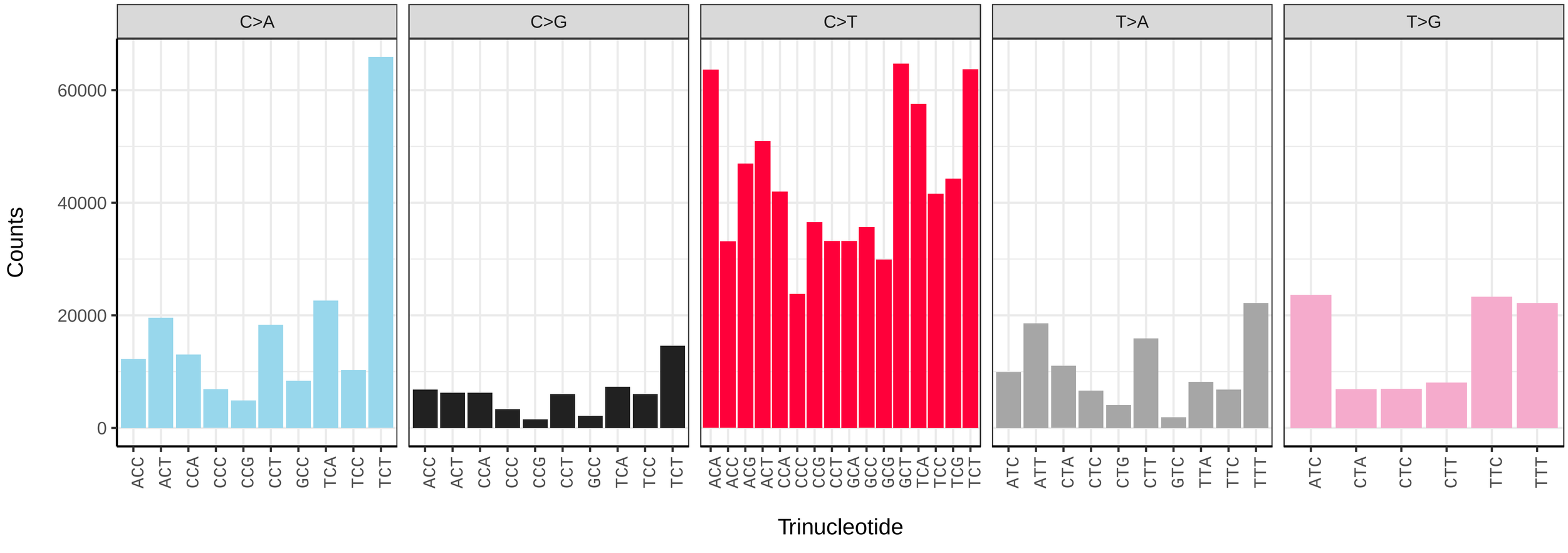
Ajuga chamaepitys (daAjuCham1) somatic mutational spectrum (SBS96 classification)



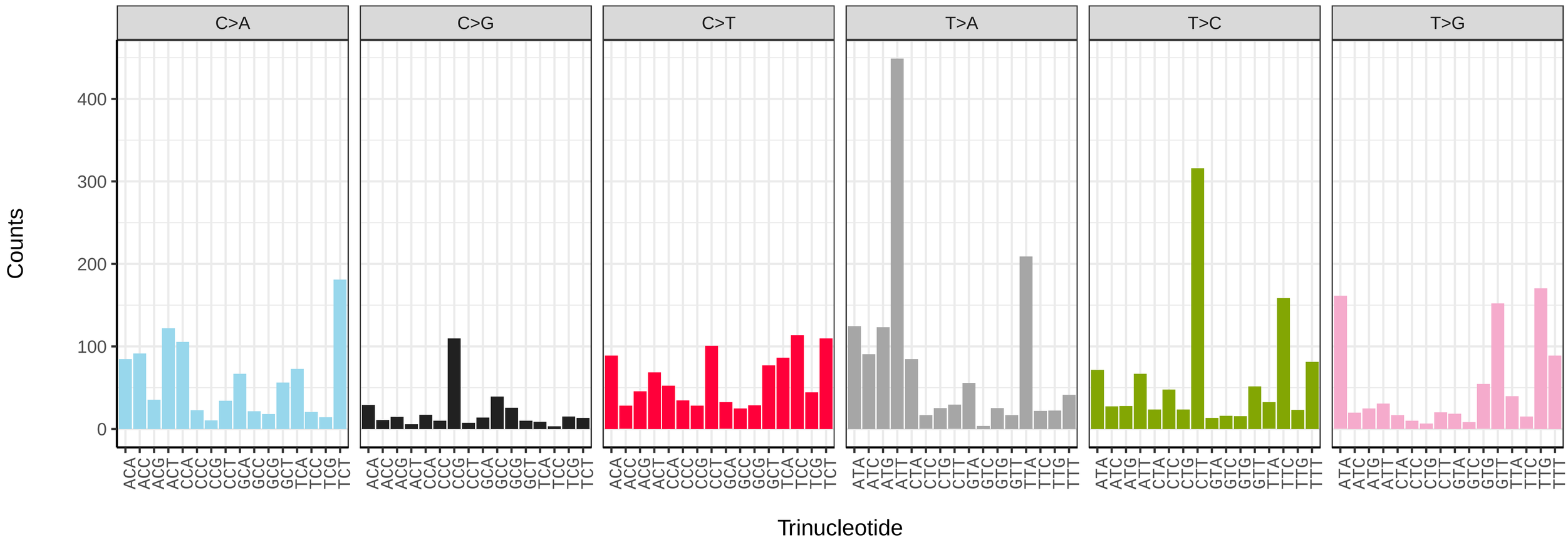
Ajuga chamaepitys (daAjuCham1) somatic mutational spectrum (SBS52 classification)



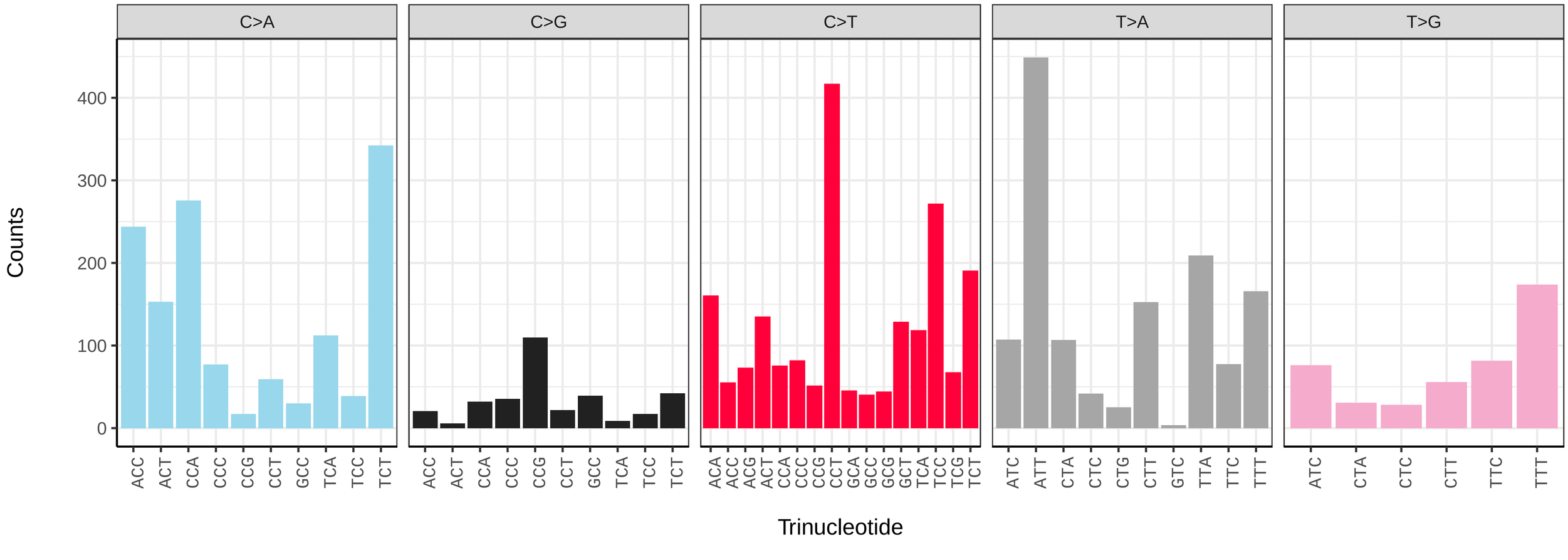
Arctium minus (daArcMinu1) germline mutational spectrum



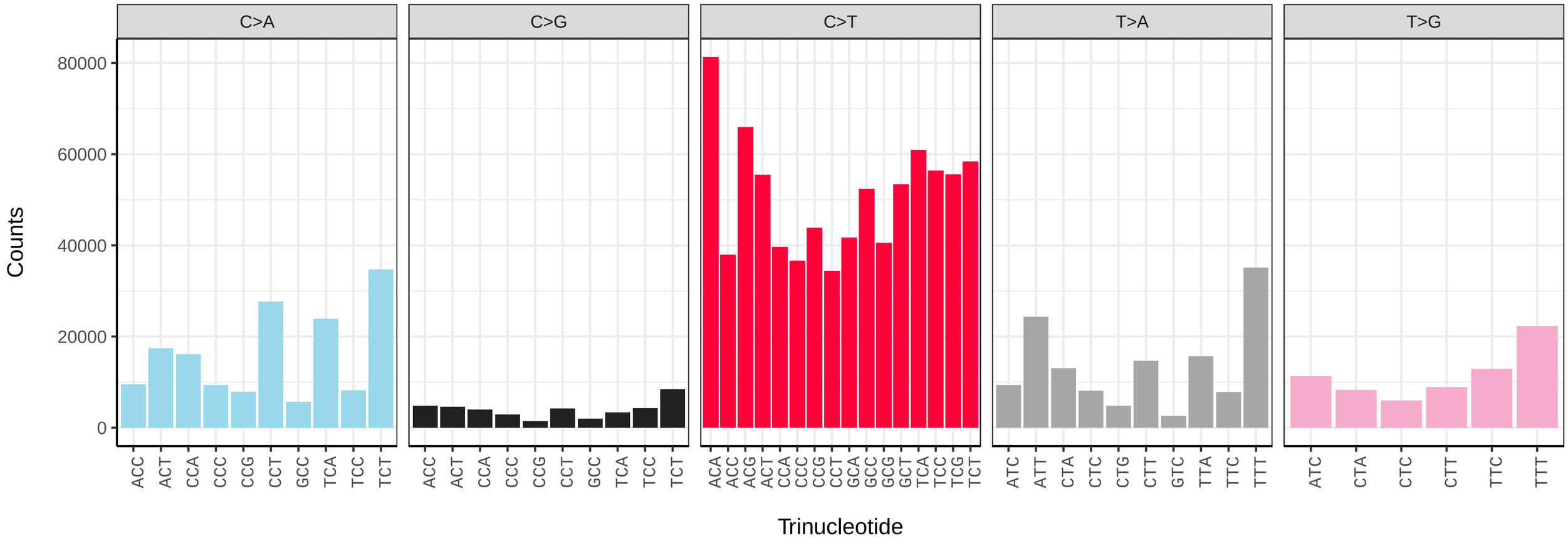
Arctium minus (daArcMinu1) somatic mutational spectrum (SBS96 classification)



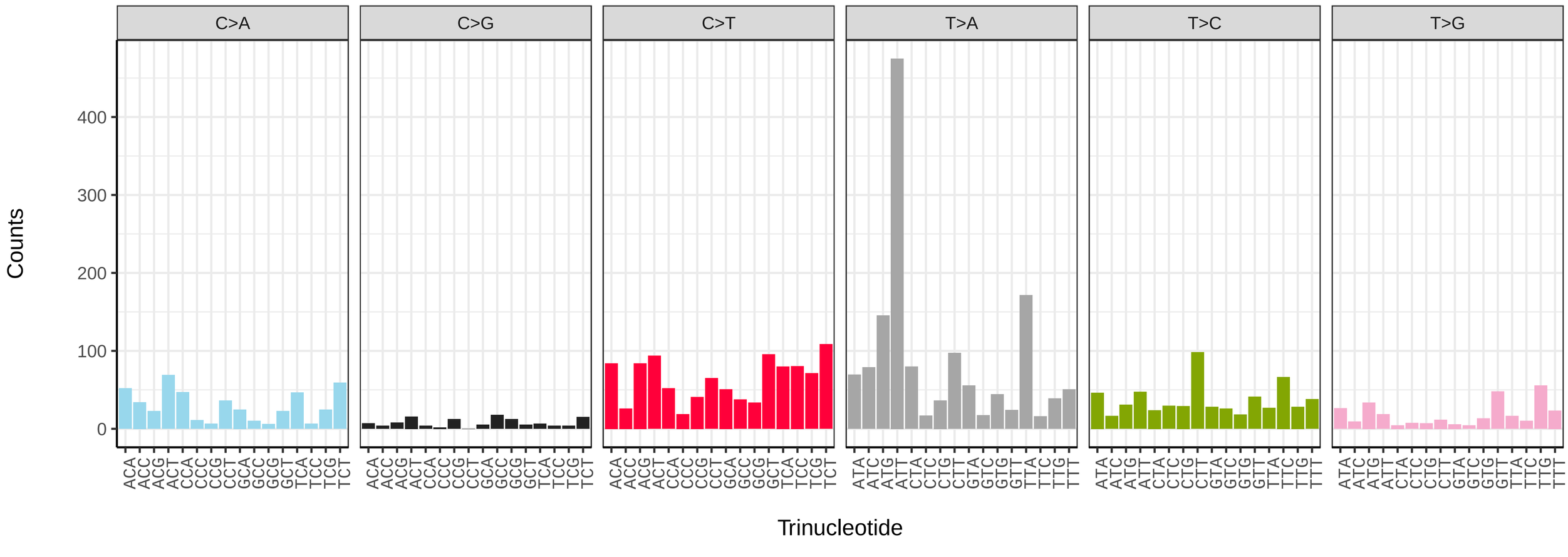
Arctium minus (daArcMinu1) somatic mutational spectrum (SBS52 classification)



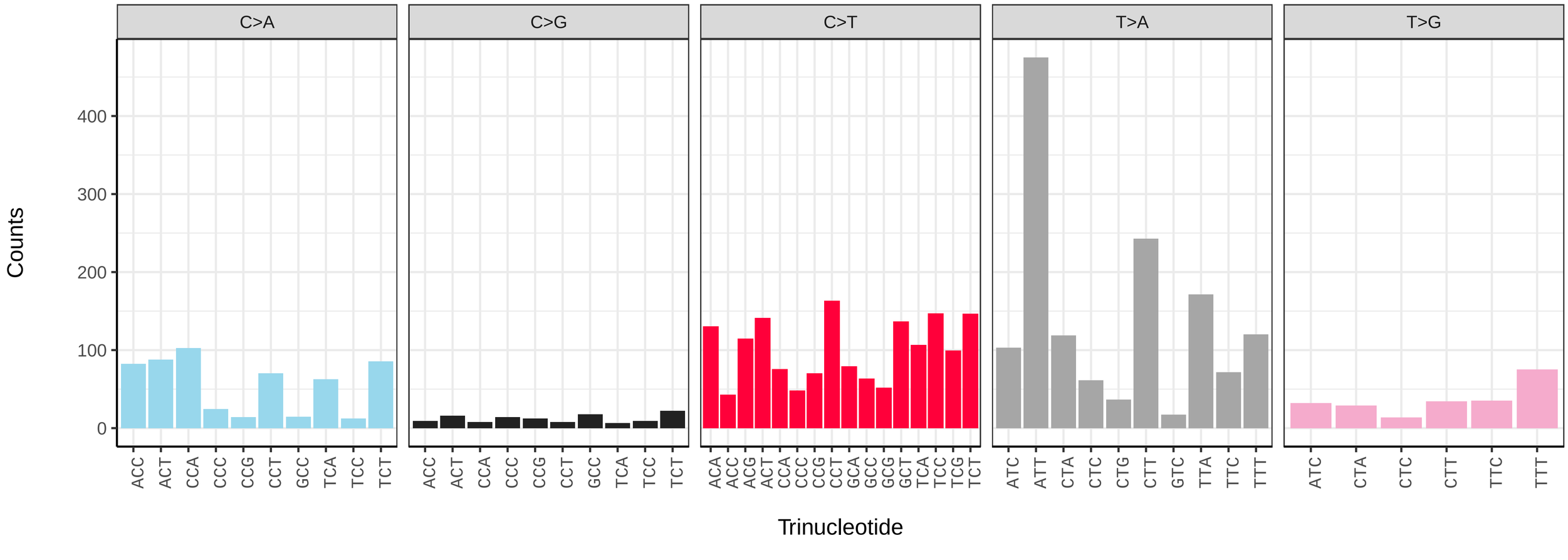
Ballota nigra (daBalNigr1) germline mutational spectrum



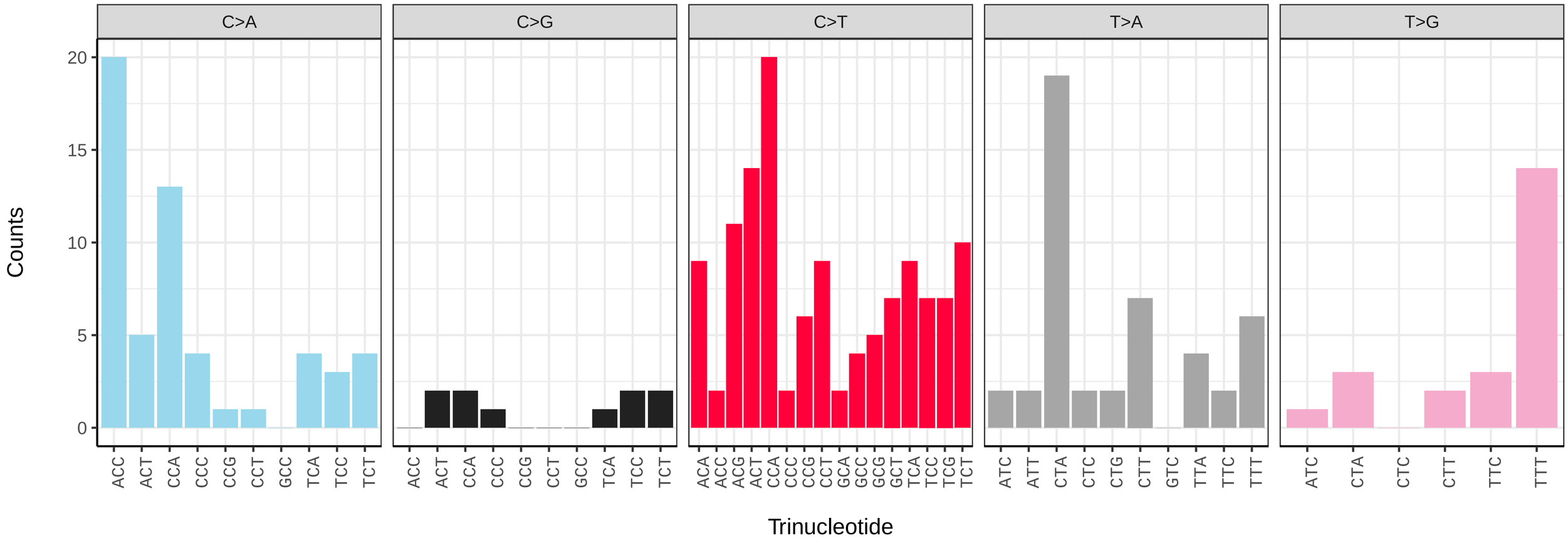
Ballota nigra (daBalNigr1) somatic mutational spectrum (SBS96 classification)



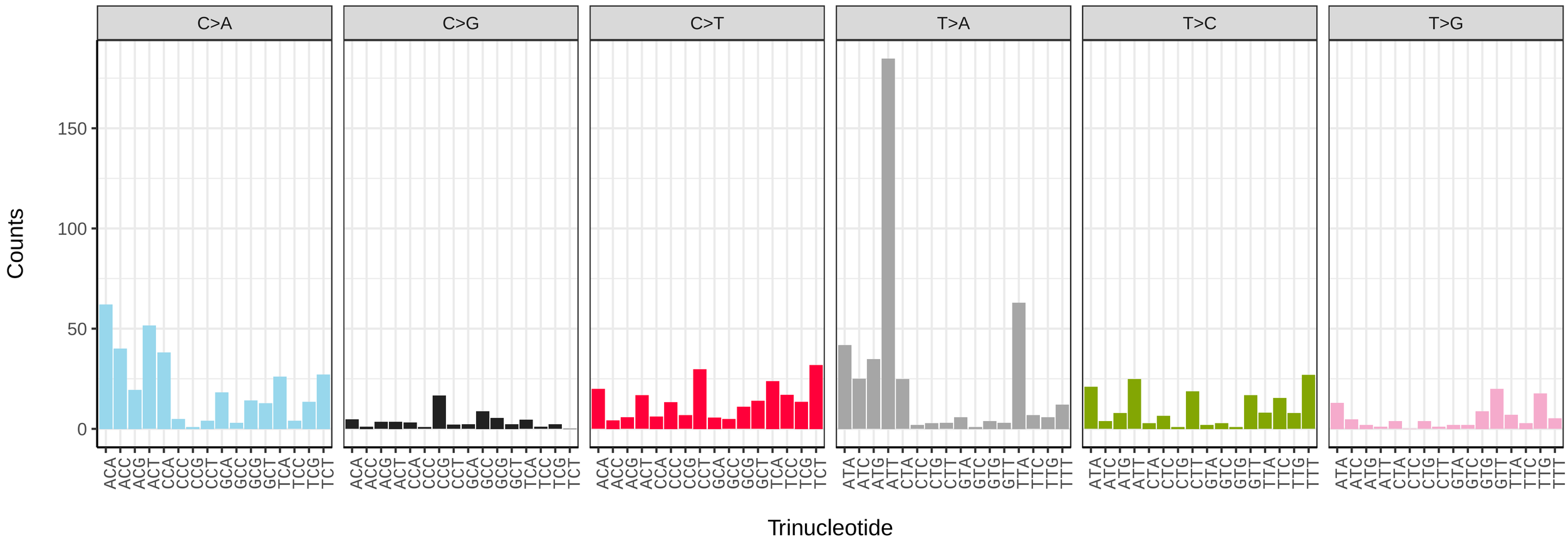
Ballota nigra (daBalNigr1) somatic mutational spectrum (SBS52 classification)



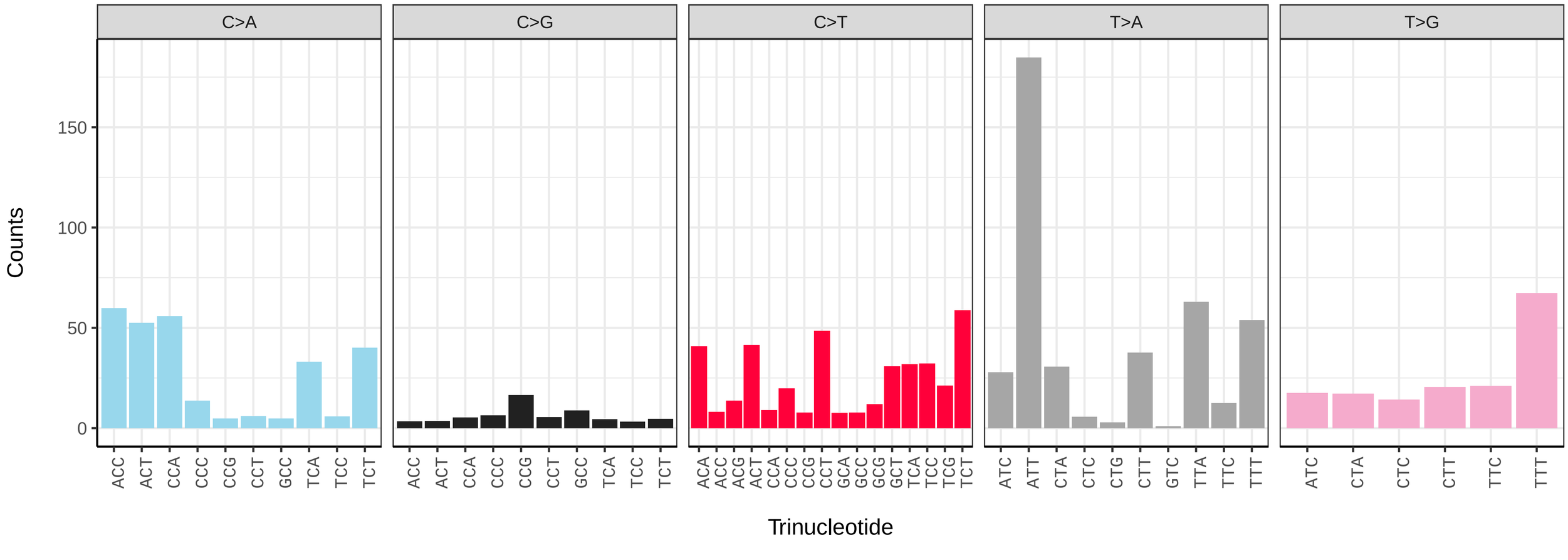
Gnaphalium uliginosum (daGnaUlig1) germline mutational spectrum



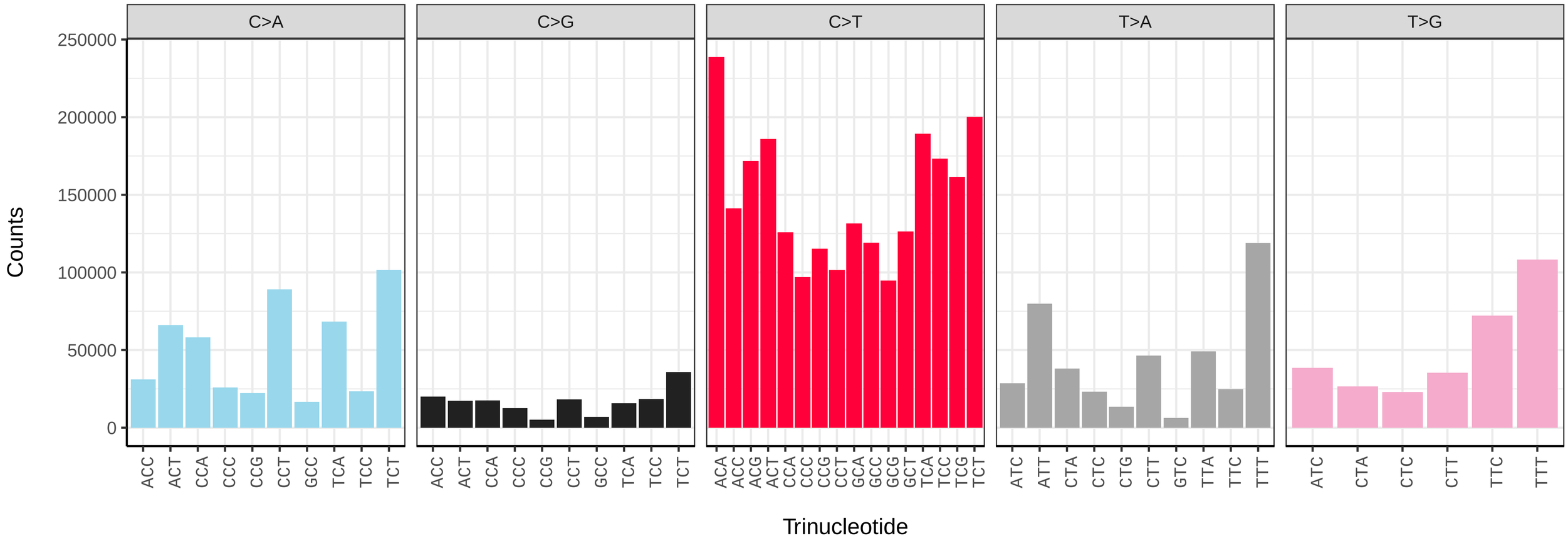
Gnaphalium uliginosum (daGnaUlig1) somatic mutational spectrum (SBS96 classification)



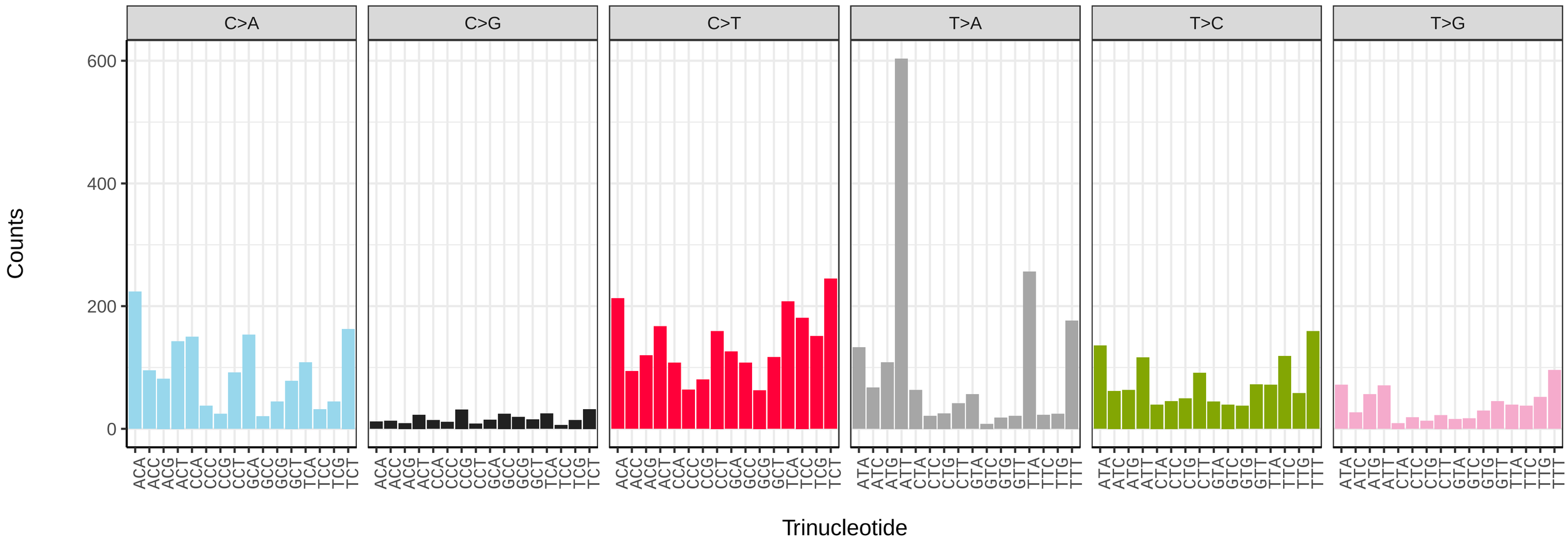
Gnaphalium uliginosum (daGnaUlig1) somatic mutational spectrum (SBS52 classification)



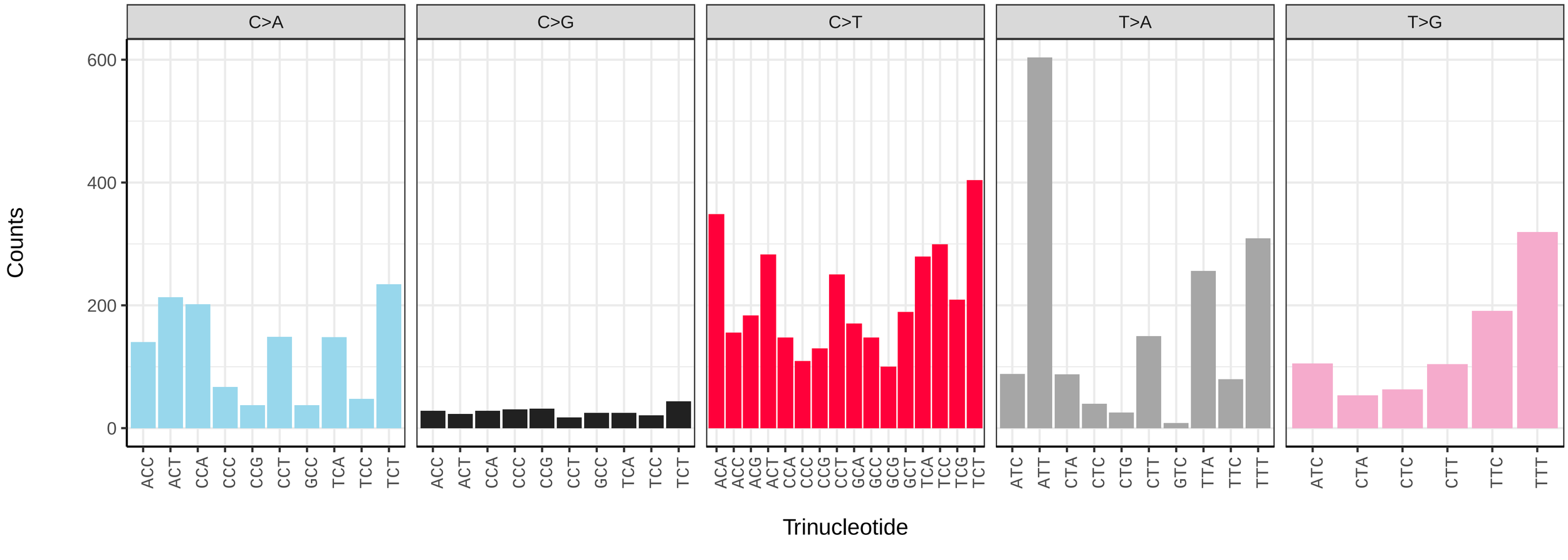
Ligustrum vulgare (daLigVulg1) germline mutational spectrum



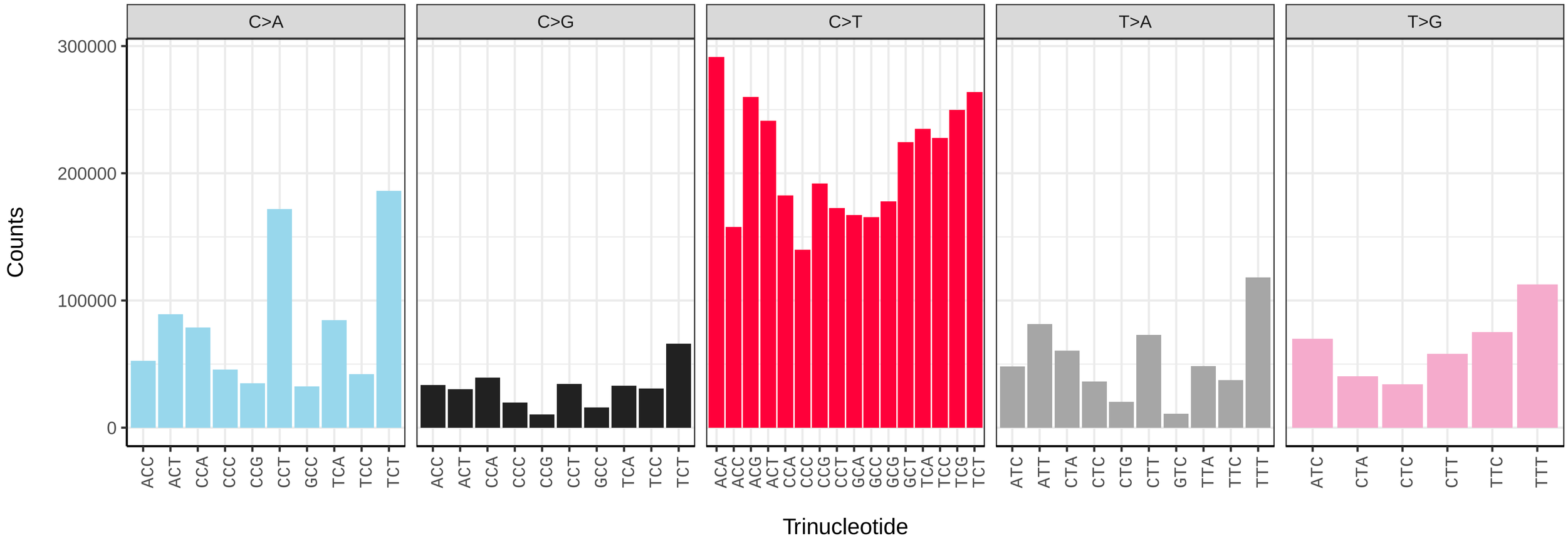
Ligustrum vulgare (daLigVulg1) somatic mutational spectrum (SBS96 classification)



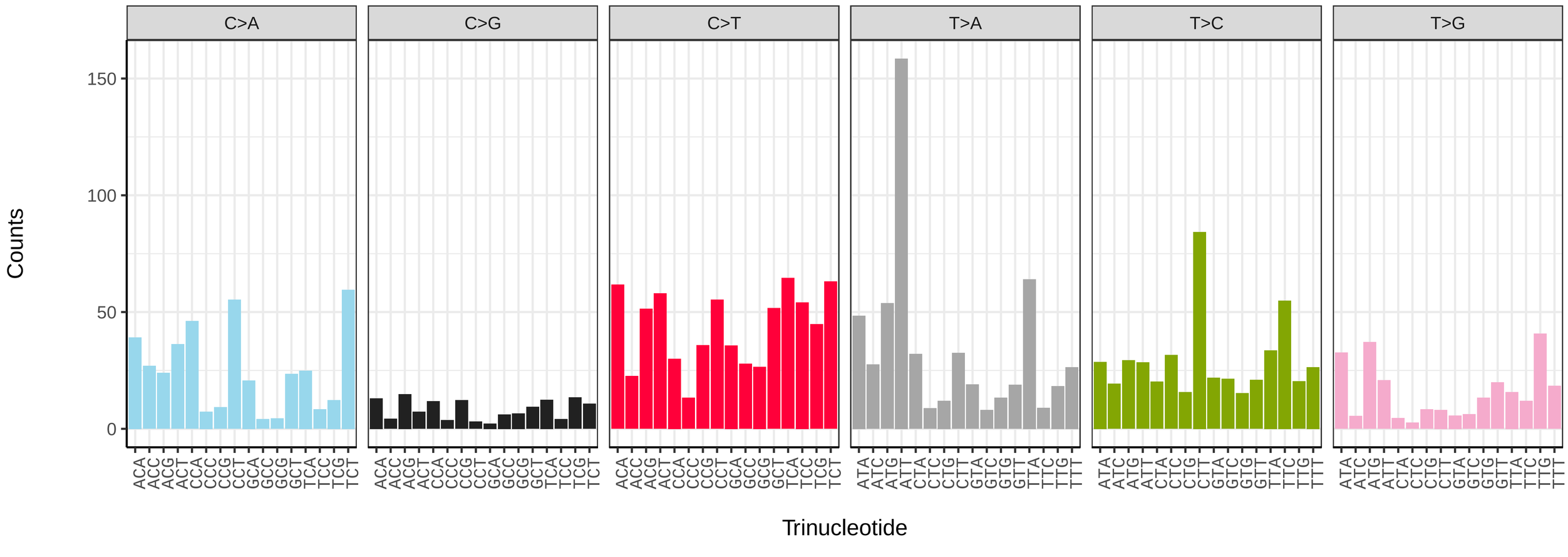
Ligustrum vulgare (daLigVulg1) somatic mutational spectrum (SBS52 classification)



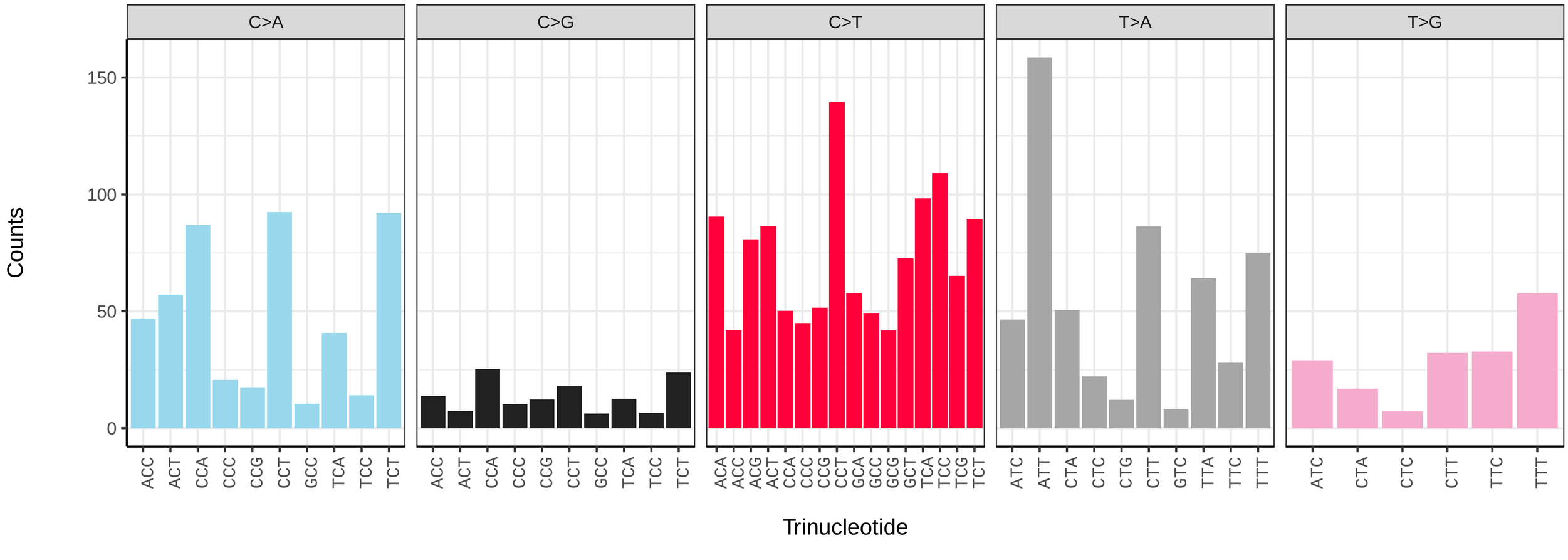
Linaria vulgaris (daLinVulg1) germline mutational spectrum



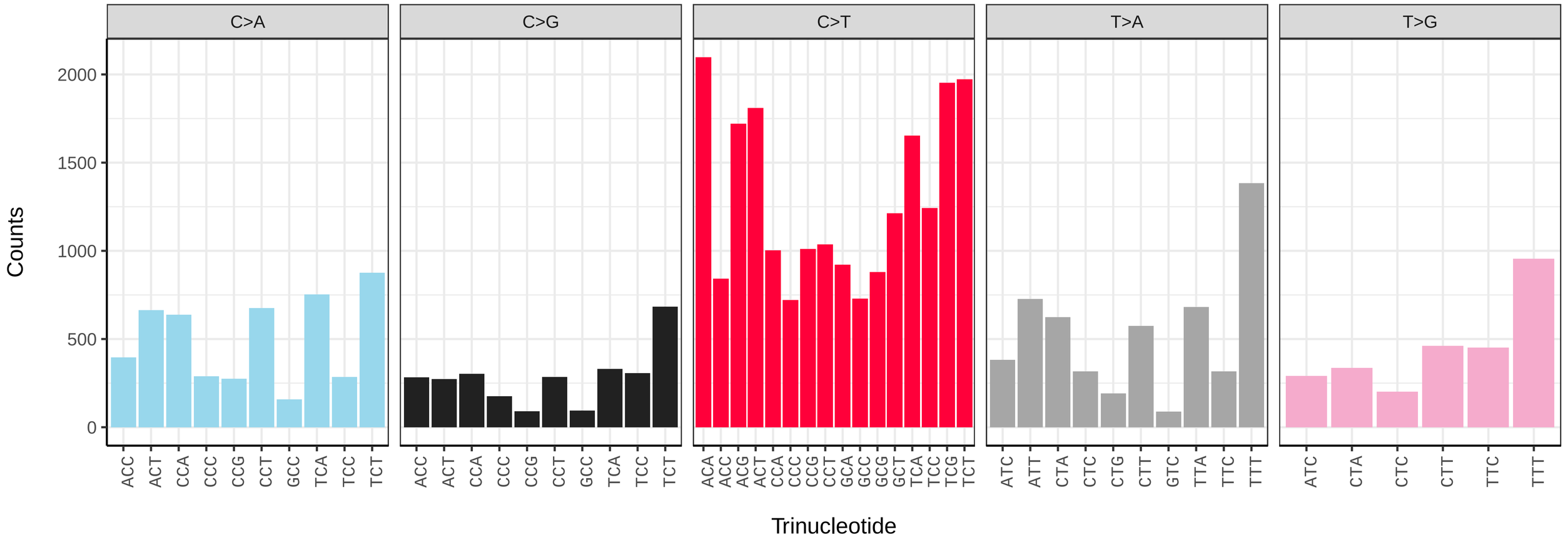
Linaria vulgaris (daLinVulg1) somatic mutational spectrum (SBS96 classification)



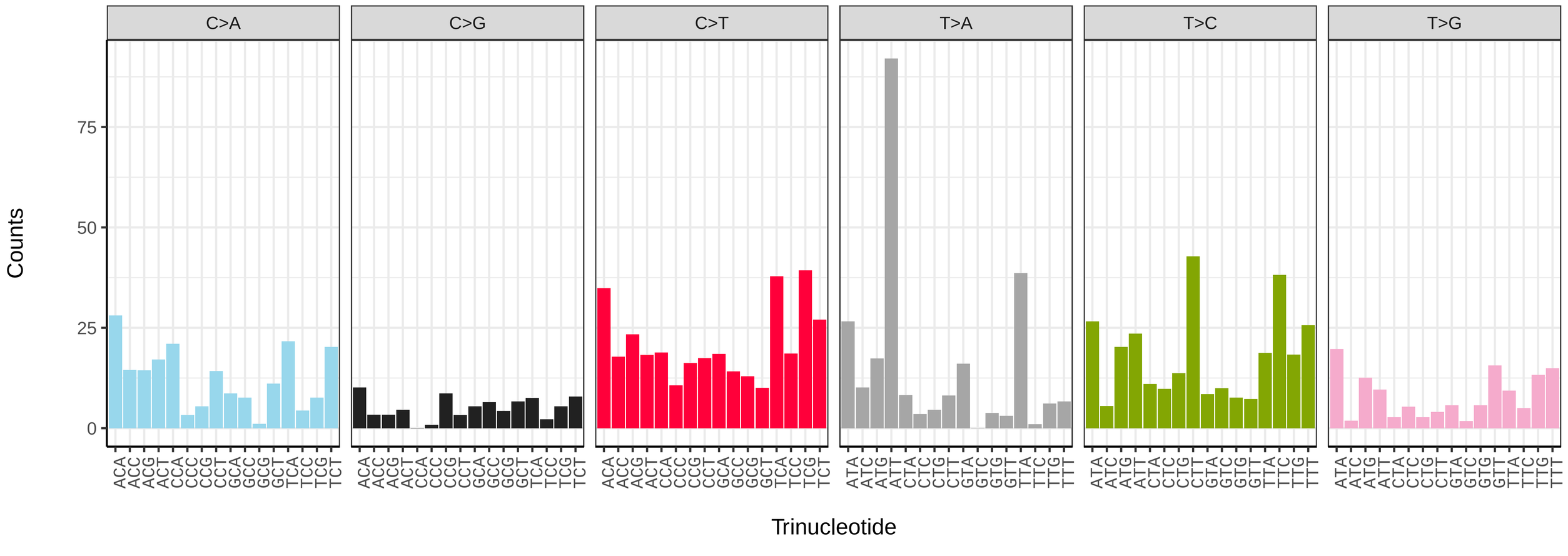
Linaria vulgaris (daLinVulg1) somatic mutational spectrum (SBS52 classification)



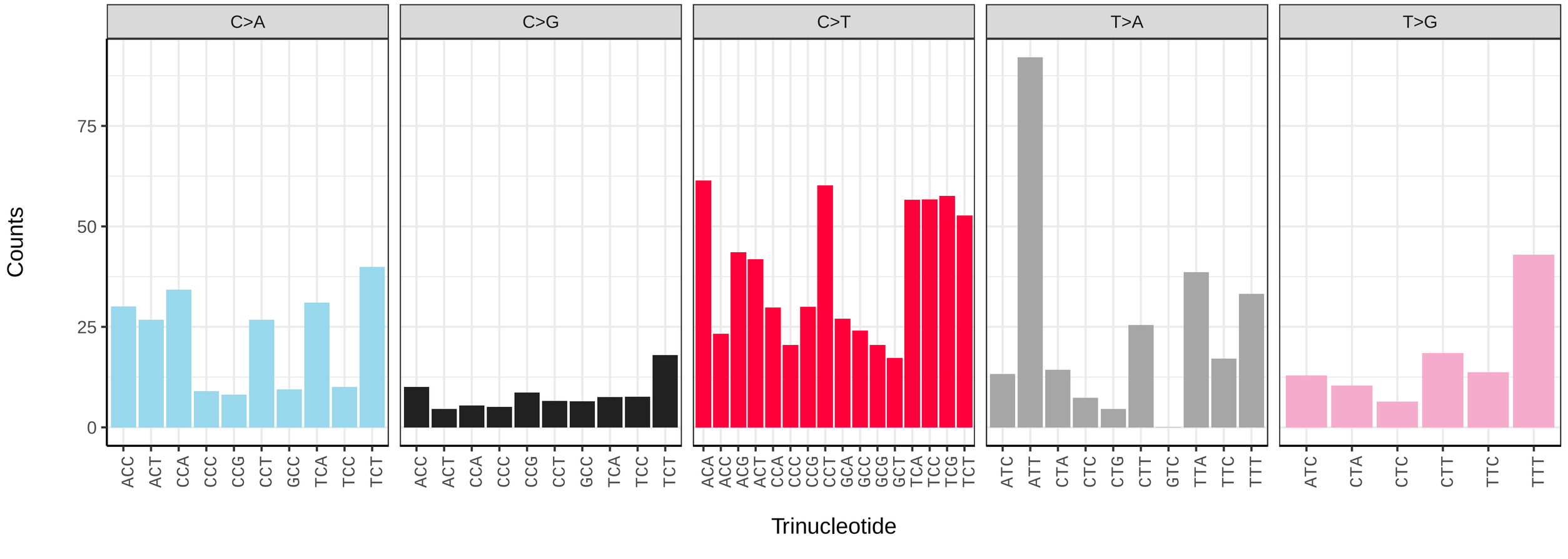
Misopates orontium (daMisOron1) germline mutational spectrum



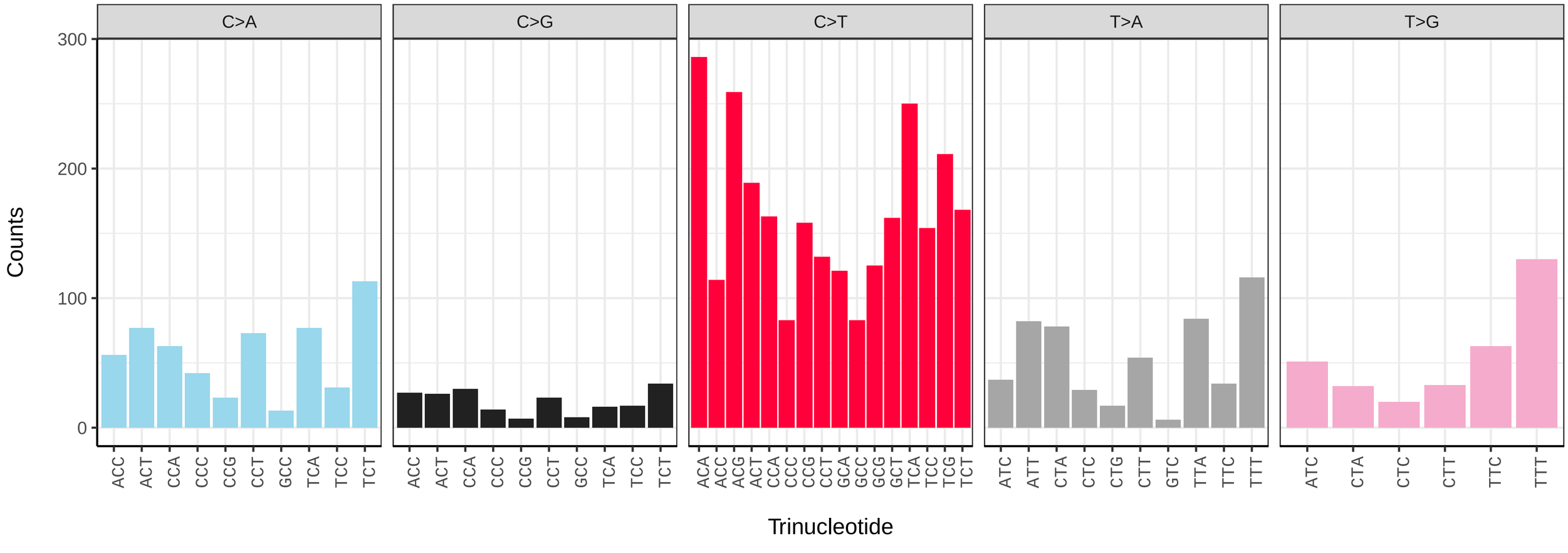
Misopates orontium (daMisOron1) somatic mutational spectrum (SBS96 classification)



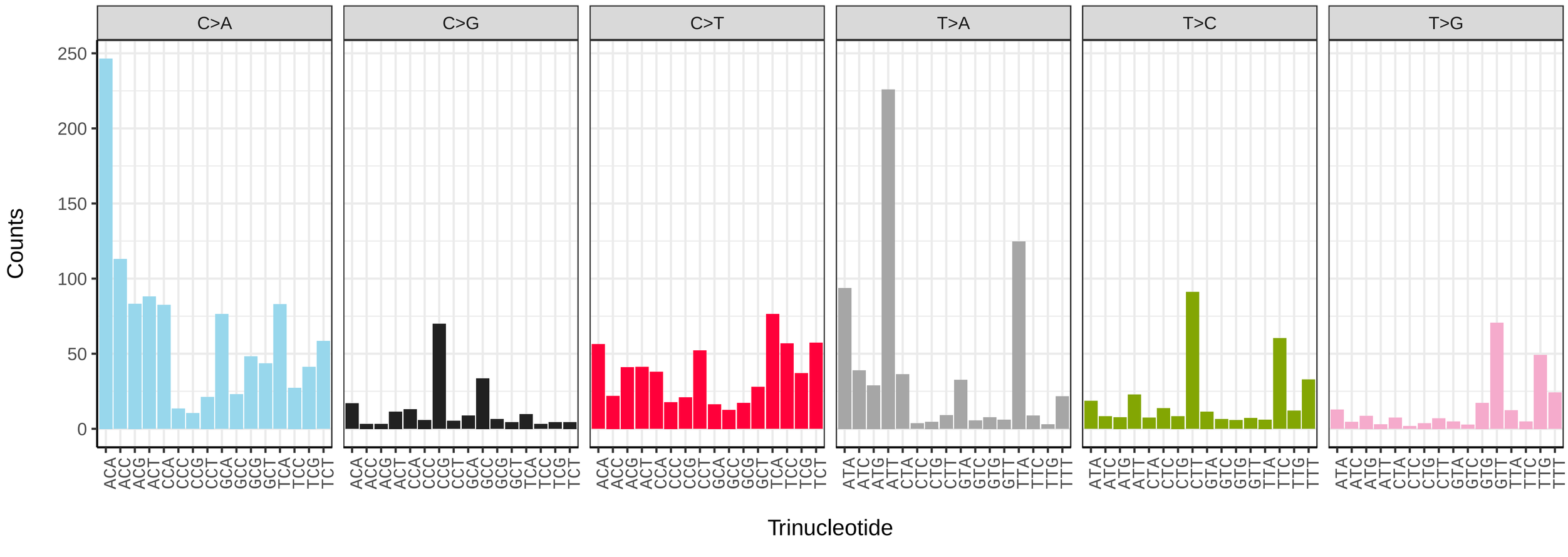
Misopates orontium (daMisOron1) somatic mutational spectrum (SBS52 classification)



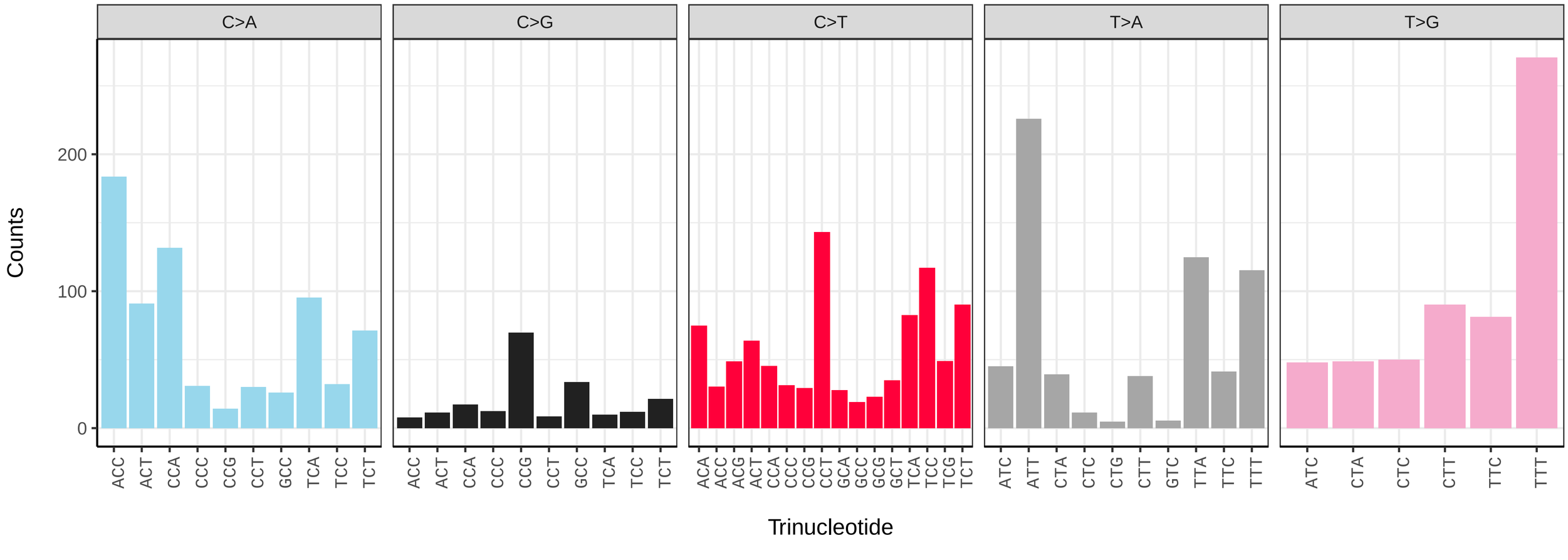
Pseudognaphalium luteoalbum (daPseLute1) germline mutational spectrum



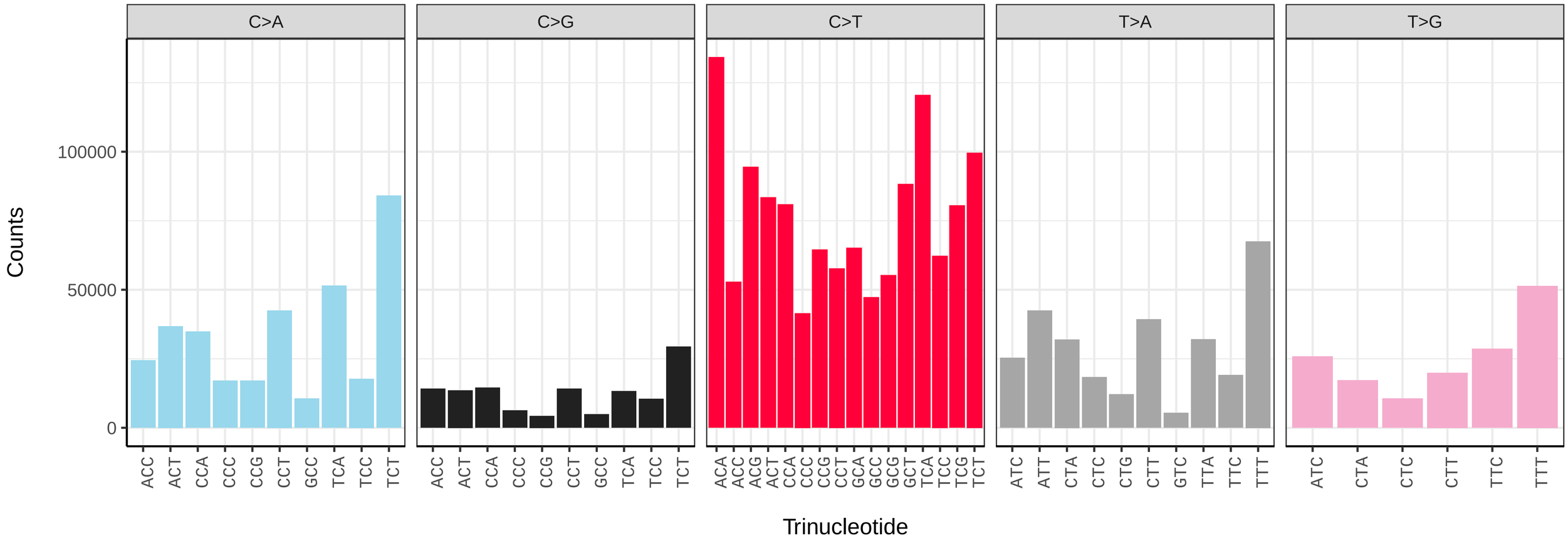
Pseudognaphalium luteoalbum (daPseLute1) somatic mutational spectrum (SBS96 classification)



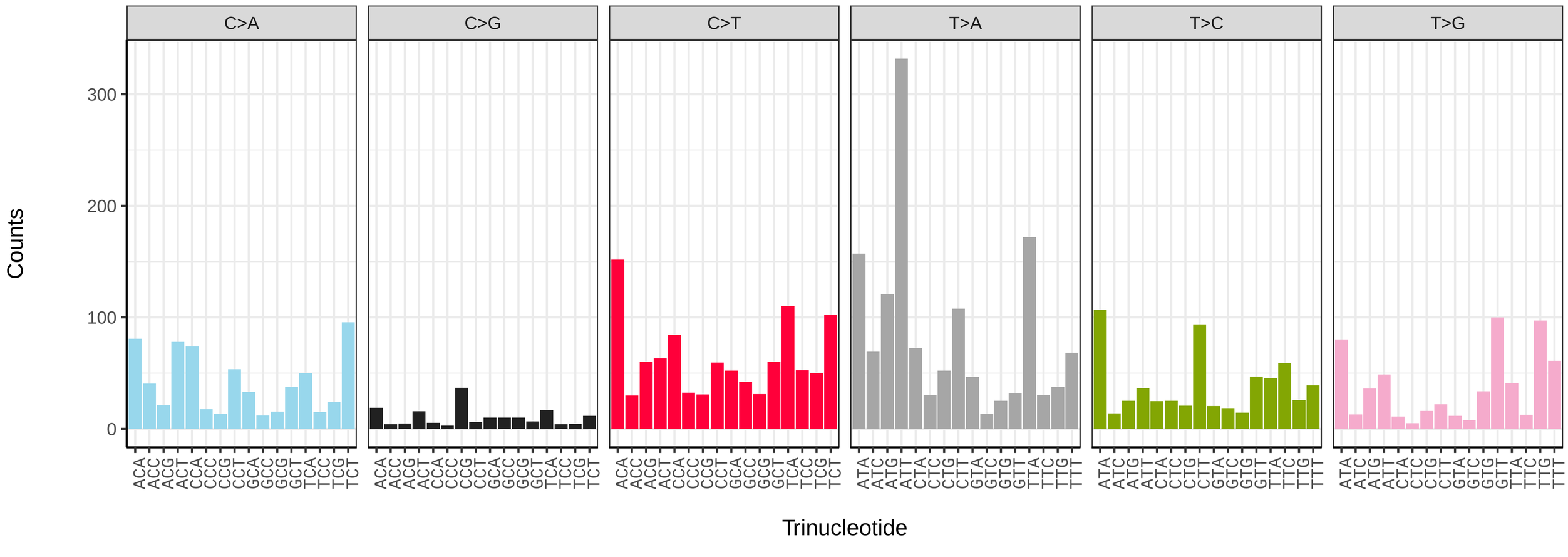
Pseudognaphalium luteoalbum (daPseLute1) somatic mutational spectrum (SBS52 classification)



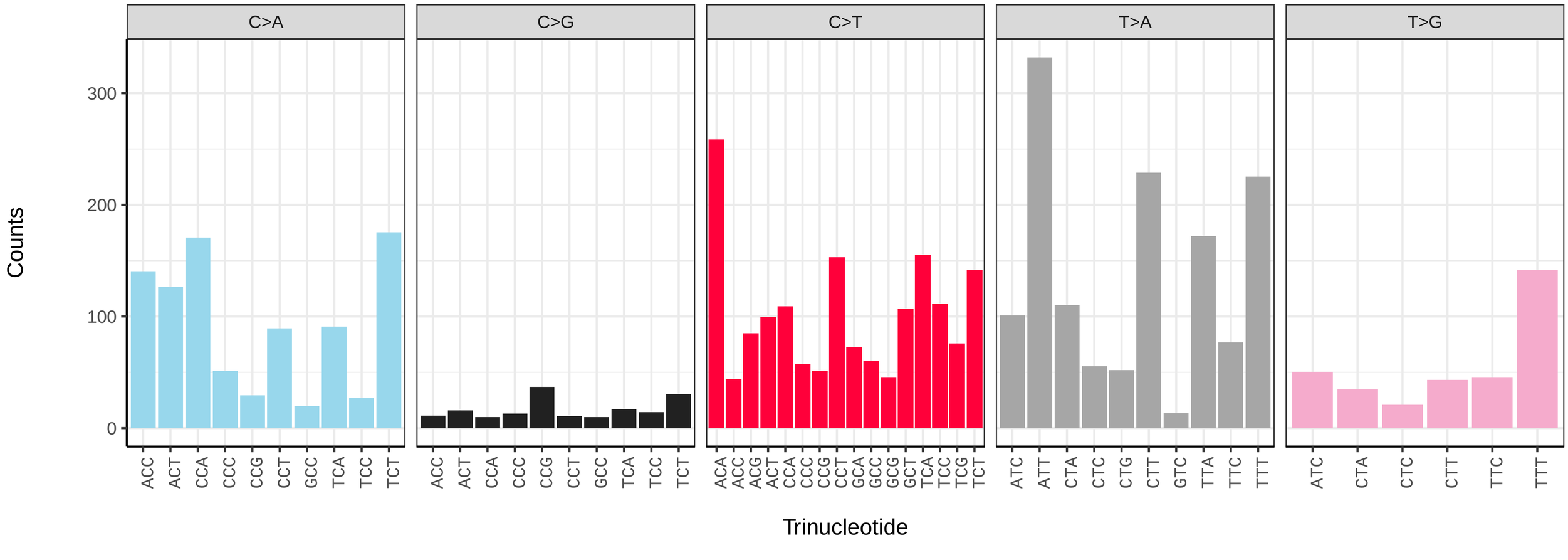
Pulicaria dysenterica (daPulDyse1) germline mutational spectrum



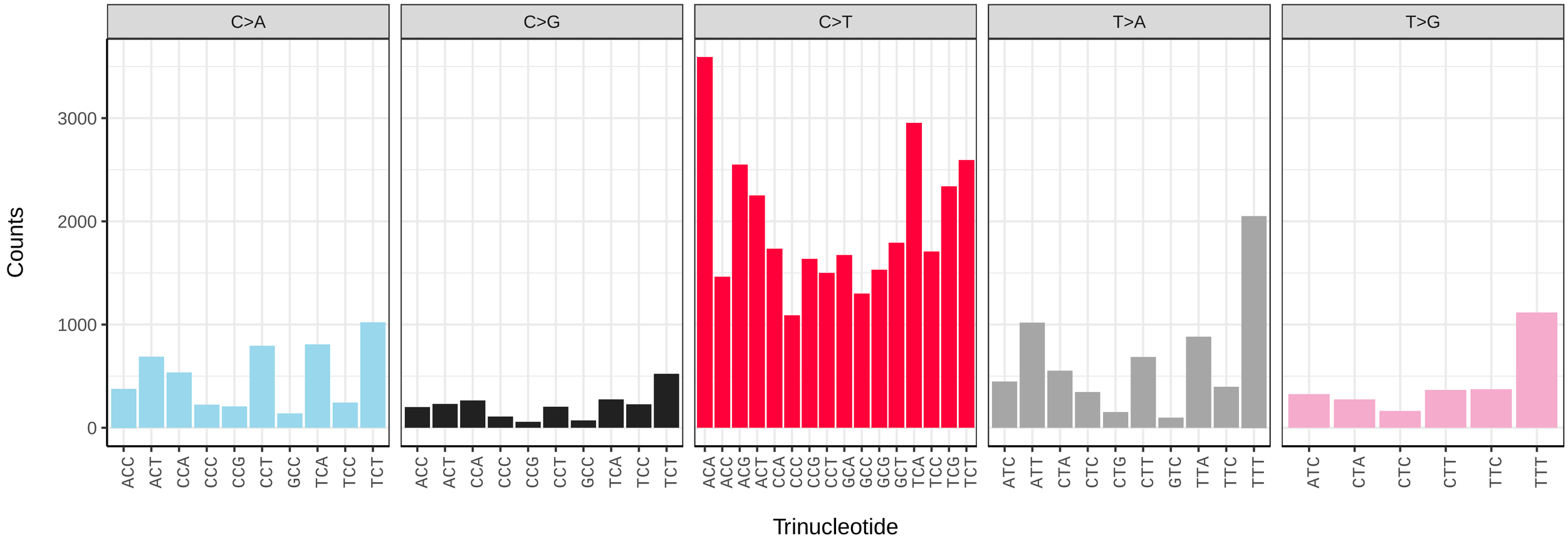
Pulicaria dysenterica (daPulDyse1) somatic mutational spectrum (SBS96 classification)



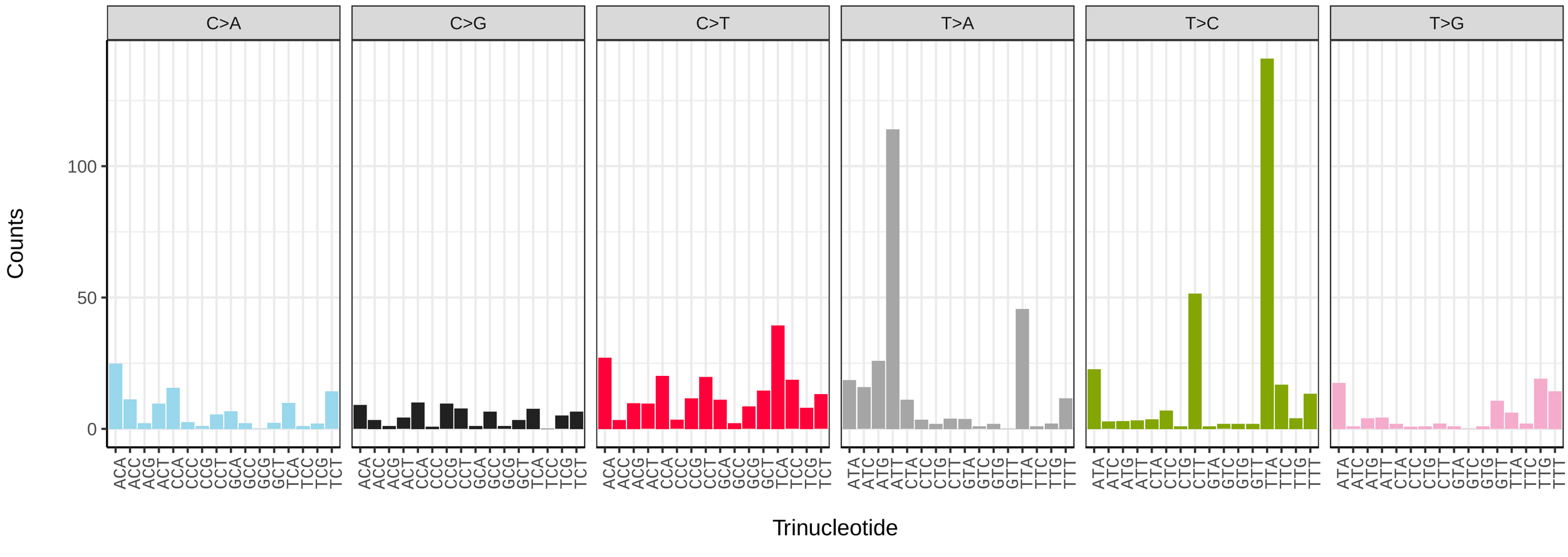
Pulicaria dysenterica (daPulDyse1) somatic mutational spectrum (SBS52 classification)



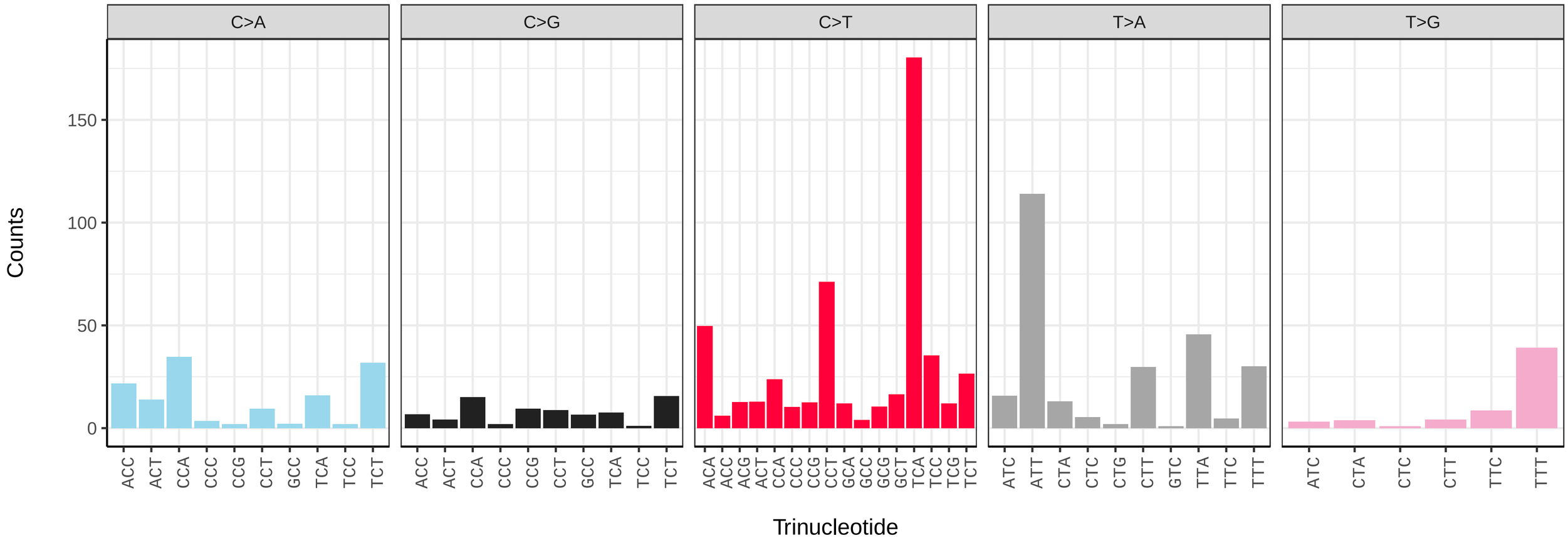
Scutellaria galericulata (daScuGale1) germline mutational spectrum



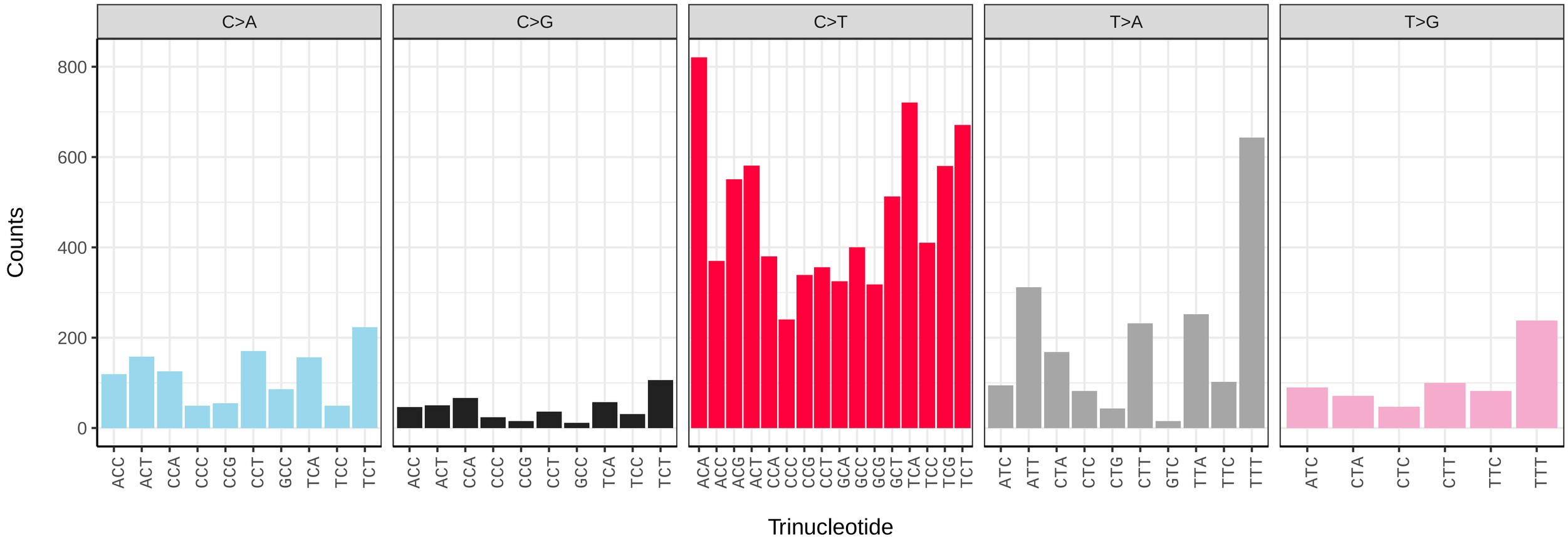
Scutellaria galericulata (daScuGale1) somatic mutational spectrum (SBS96 classification)



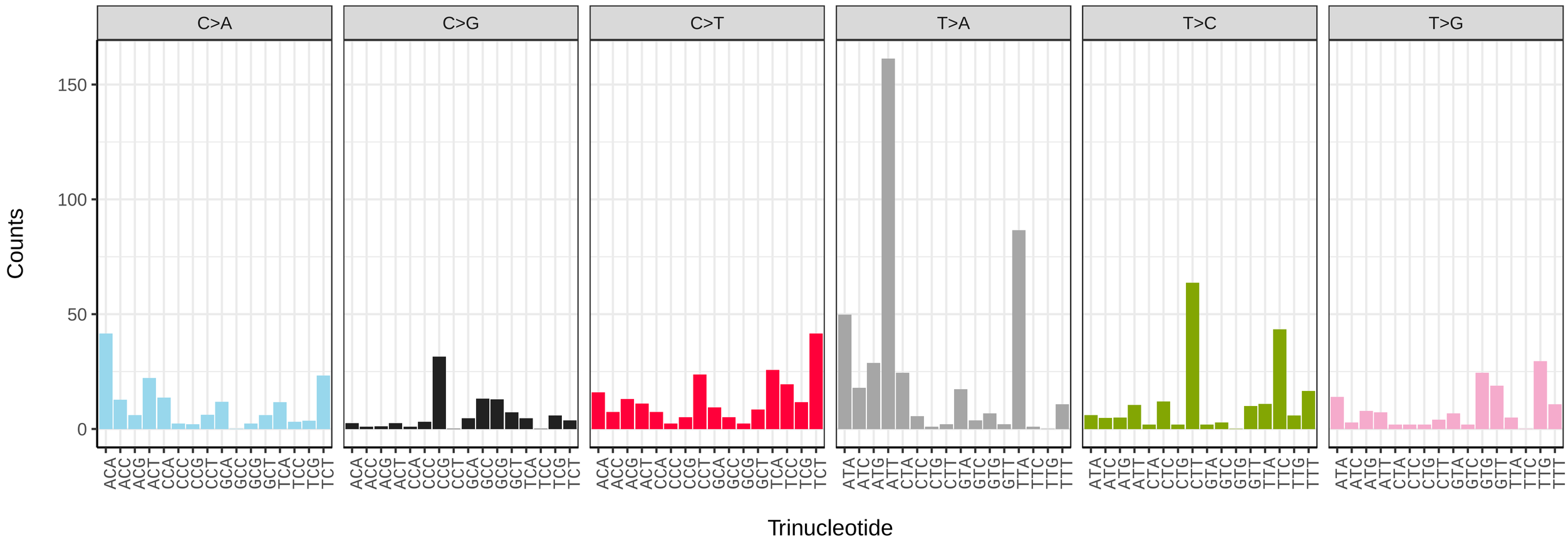
Scutellaria galericulata (daScuGale1) somatic mutational spectrum (SBS52 classification)



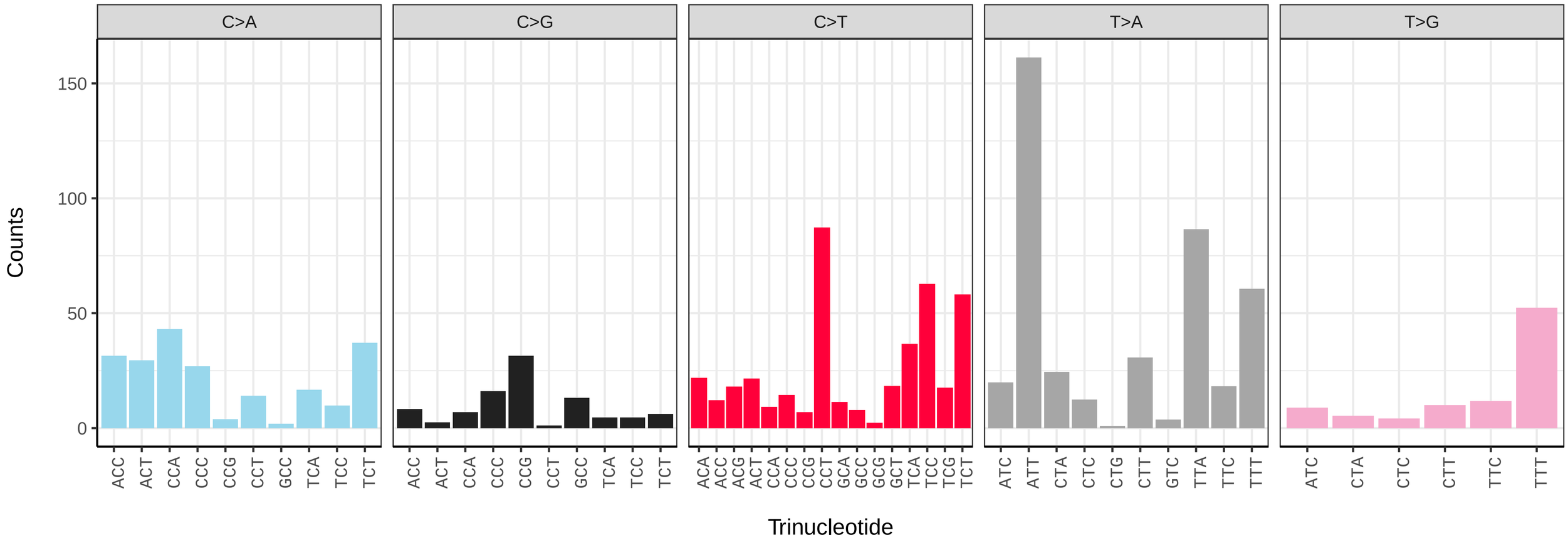
Scutellaria minor (daScuMino1) germline mutational spectrum



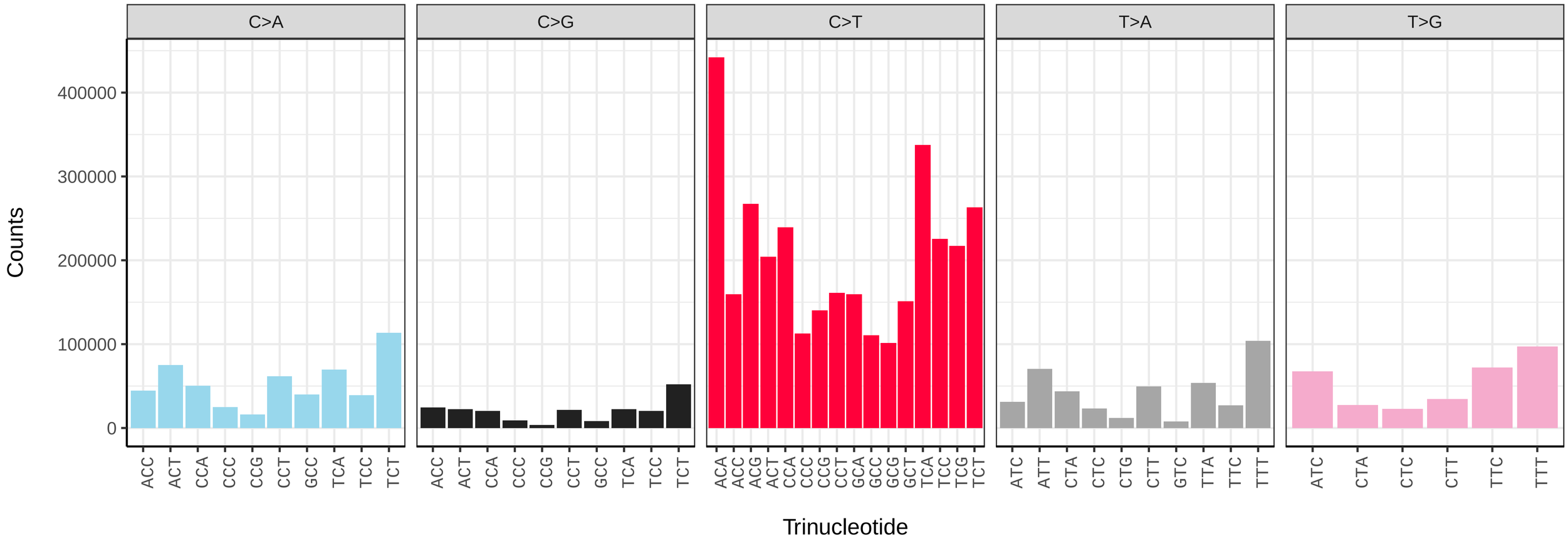
Scutellaria minor (daScuMino1) somatic mutational spectrum (SBS96 classification)



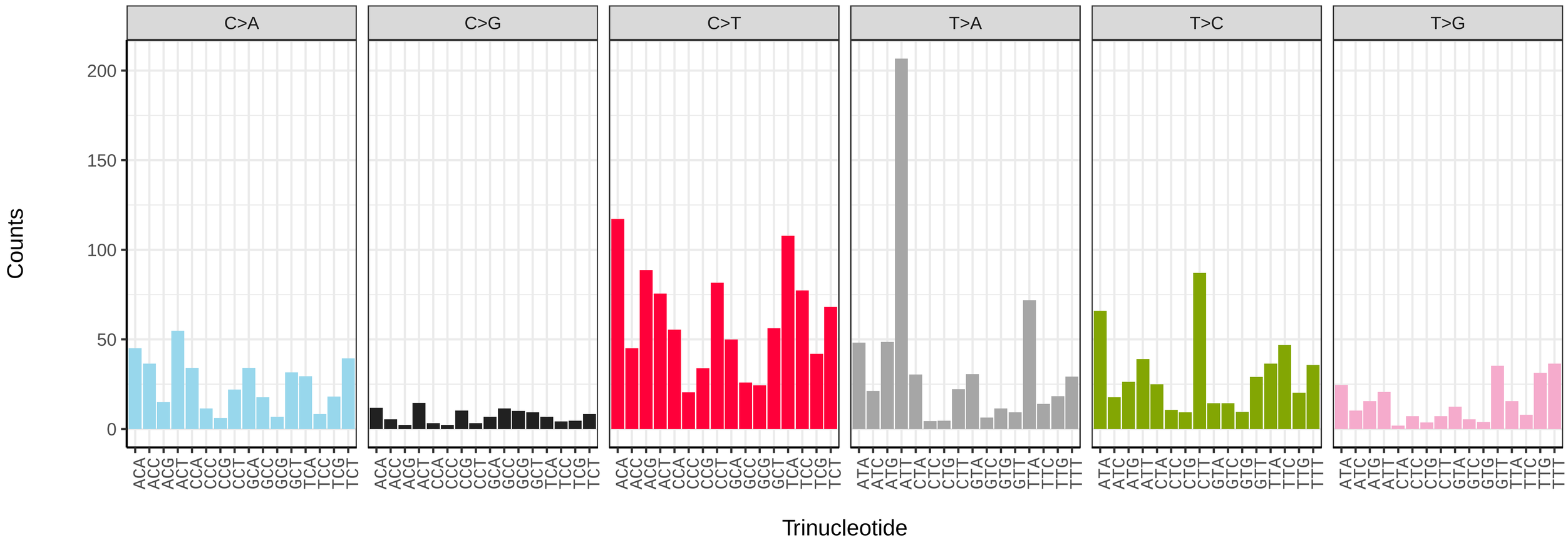
Scutellaria minor (daScuMino1) somatic mutational spectrum (SBS52 classification)



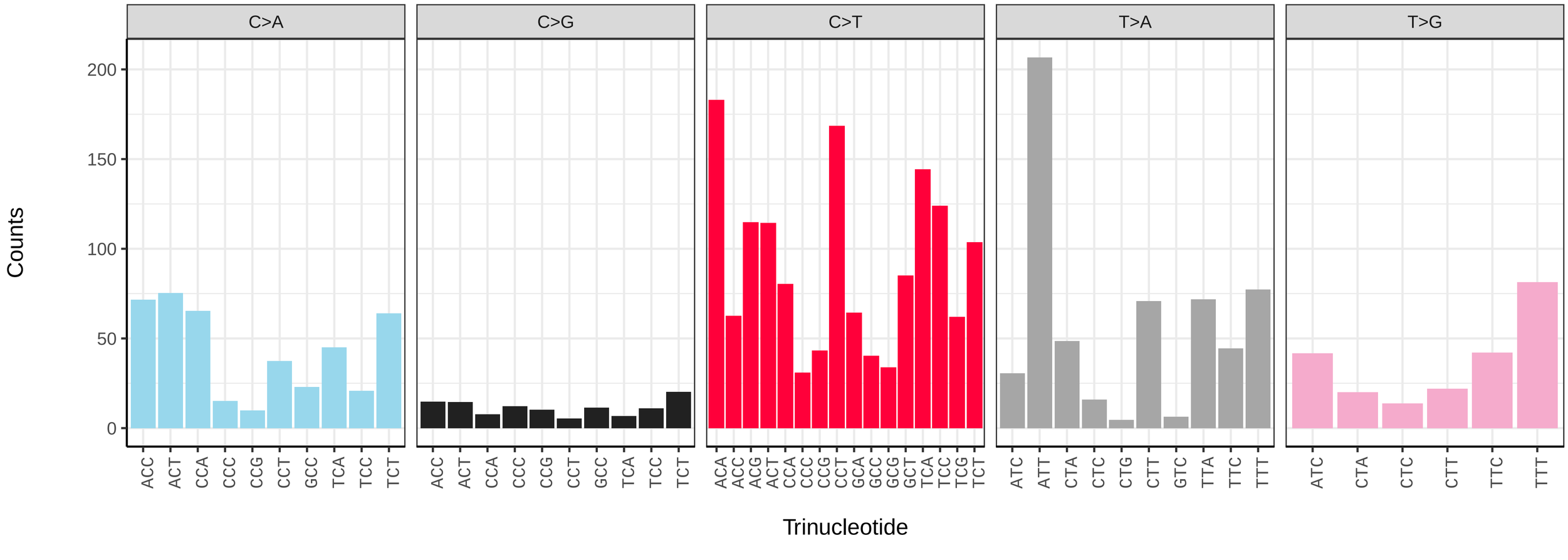
Solanum dulcamara (daSolDulc1) germline mutational spectrum



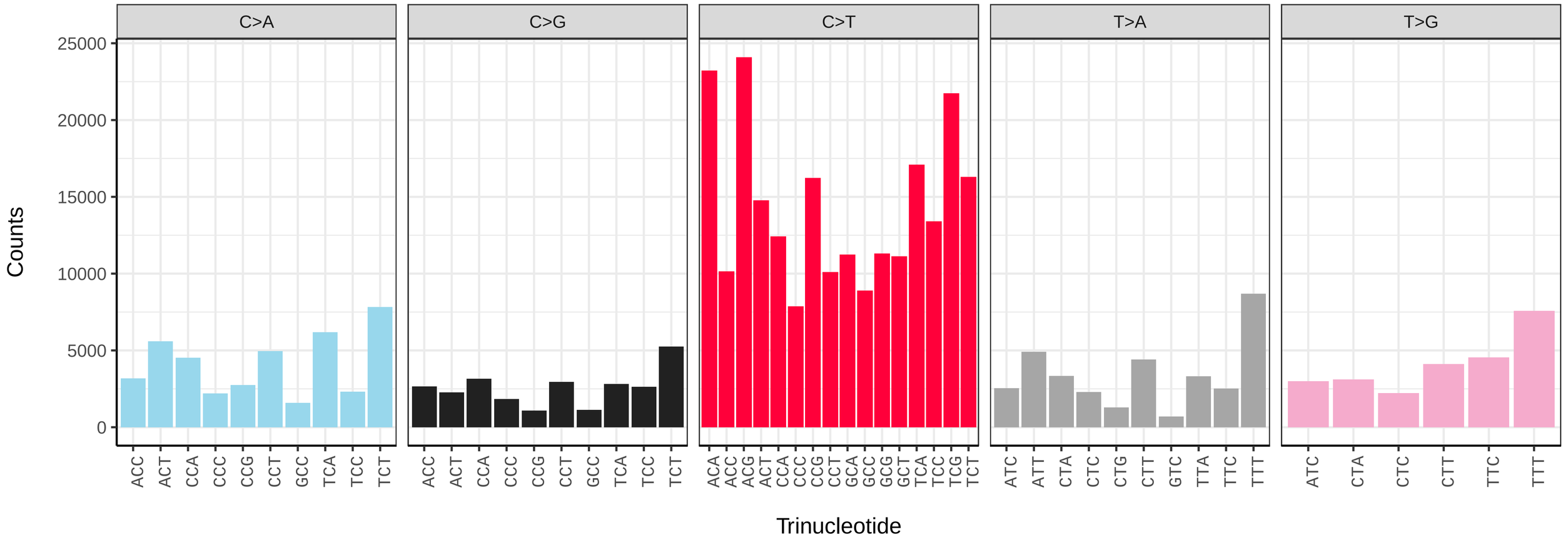
Solanum dulcamara (daSolDulc1) somatic mutational spectrum (SBS96 classification)



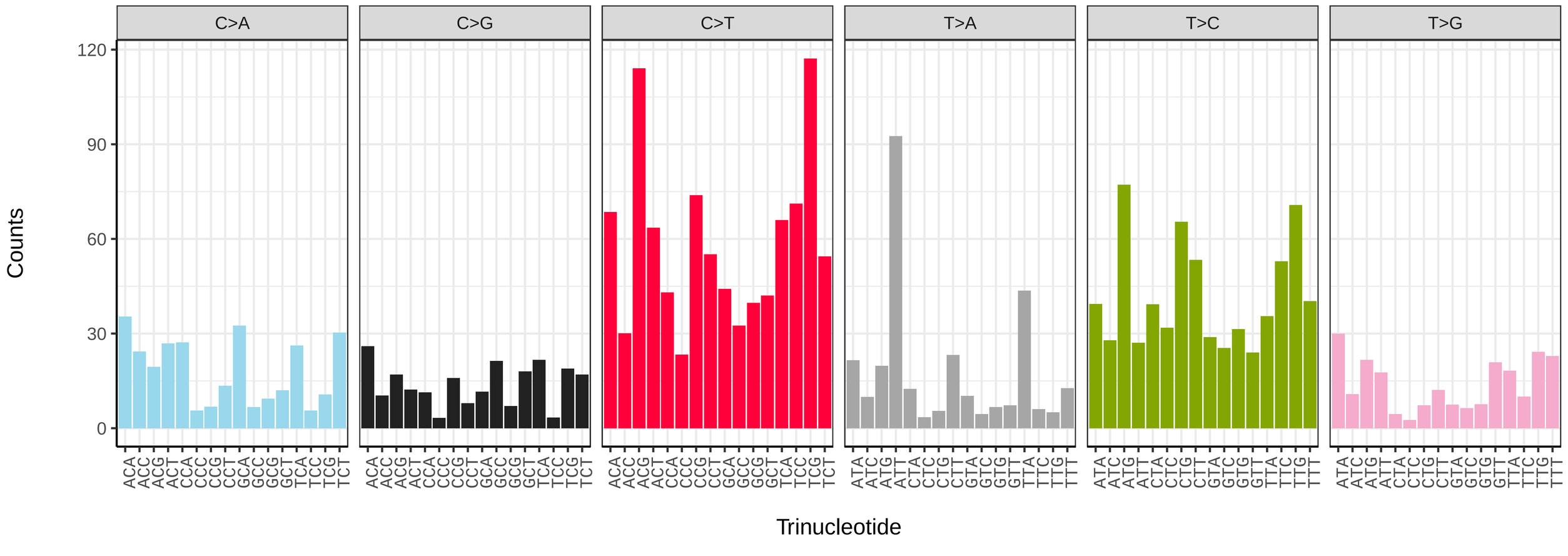
Solanum dulcamara (daSolDulc1) somatic mutational spectrum (SBS52 classification)



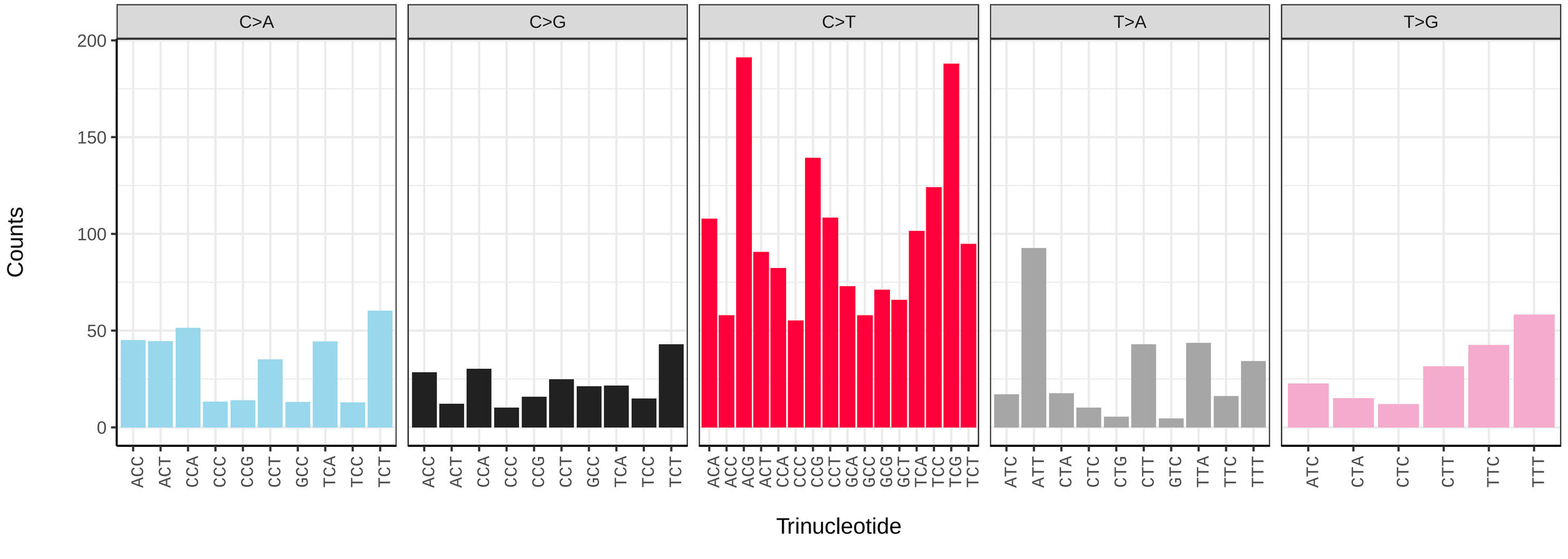
Verbena officinalis (daVerOffi1) germline mutational spectrum



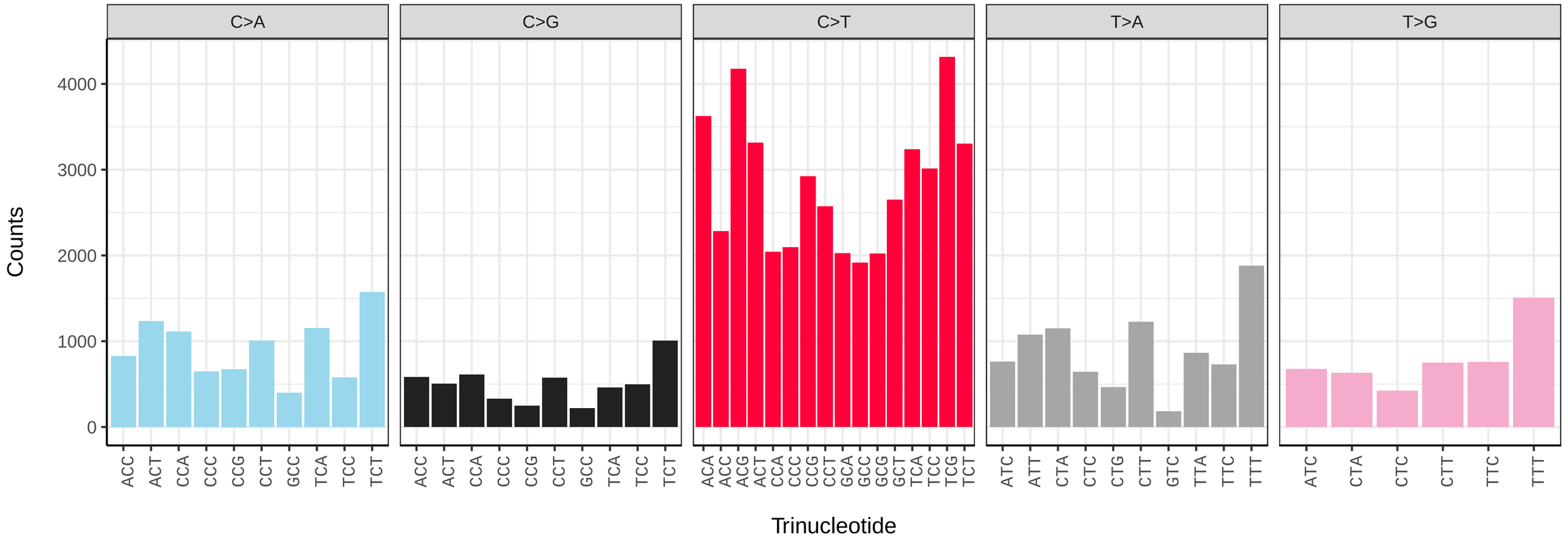
Verbena officinalis (daVerOffi1) somatic mutational spectrum (SBS96 classification)



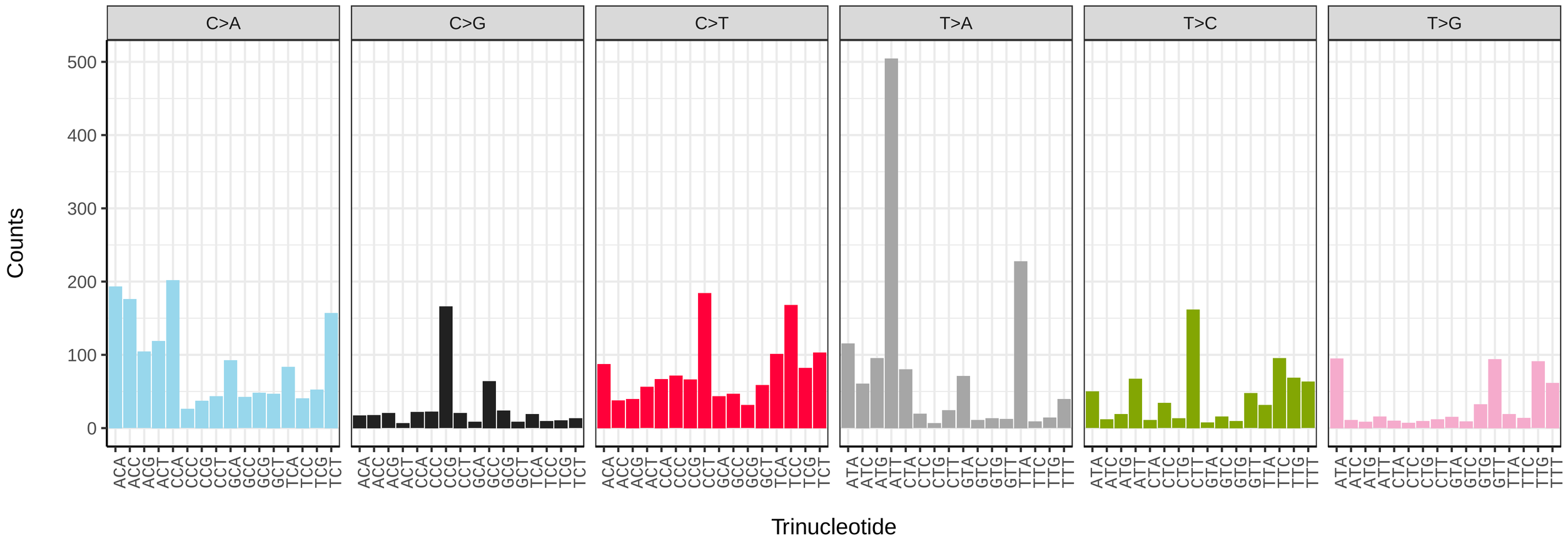
Verbena officinalis (daVerOffi1) somatic mutational spectrum (SBS52 classification)



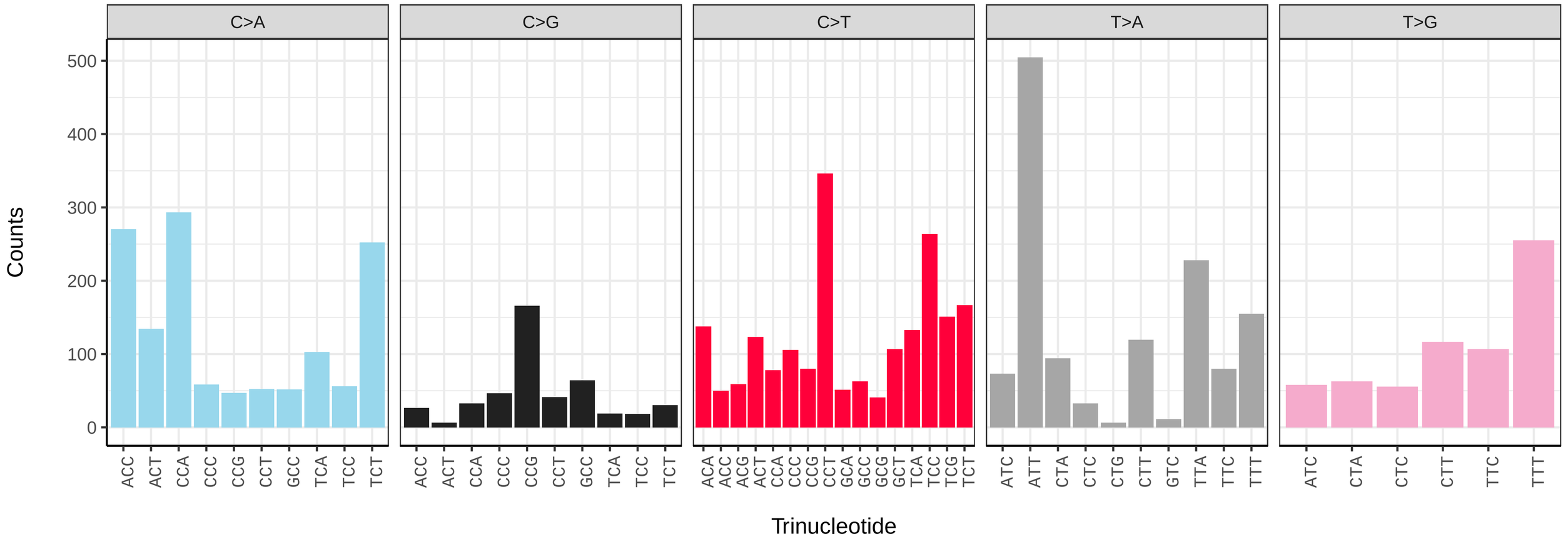
Agrostemma githago (dcAgrGith1) germline mutational spectrum



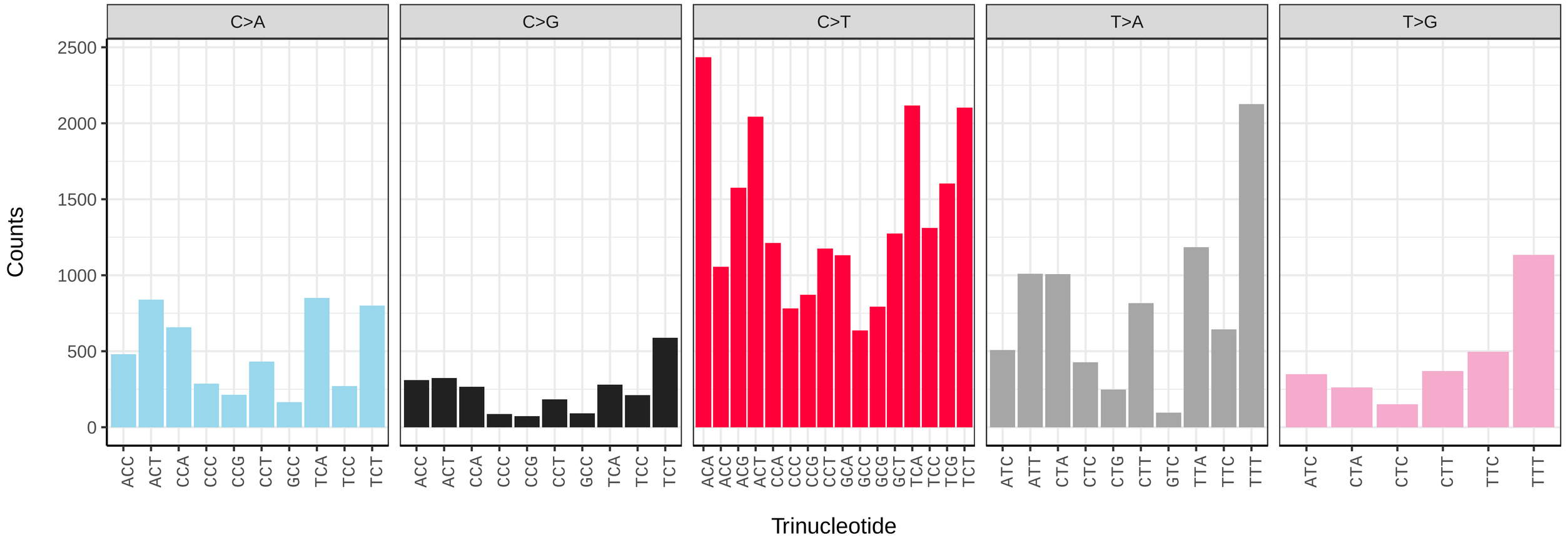
Agrostemma githago (dcAgrGith1) somatic mutational spectrum (SBS96 classification)



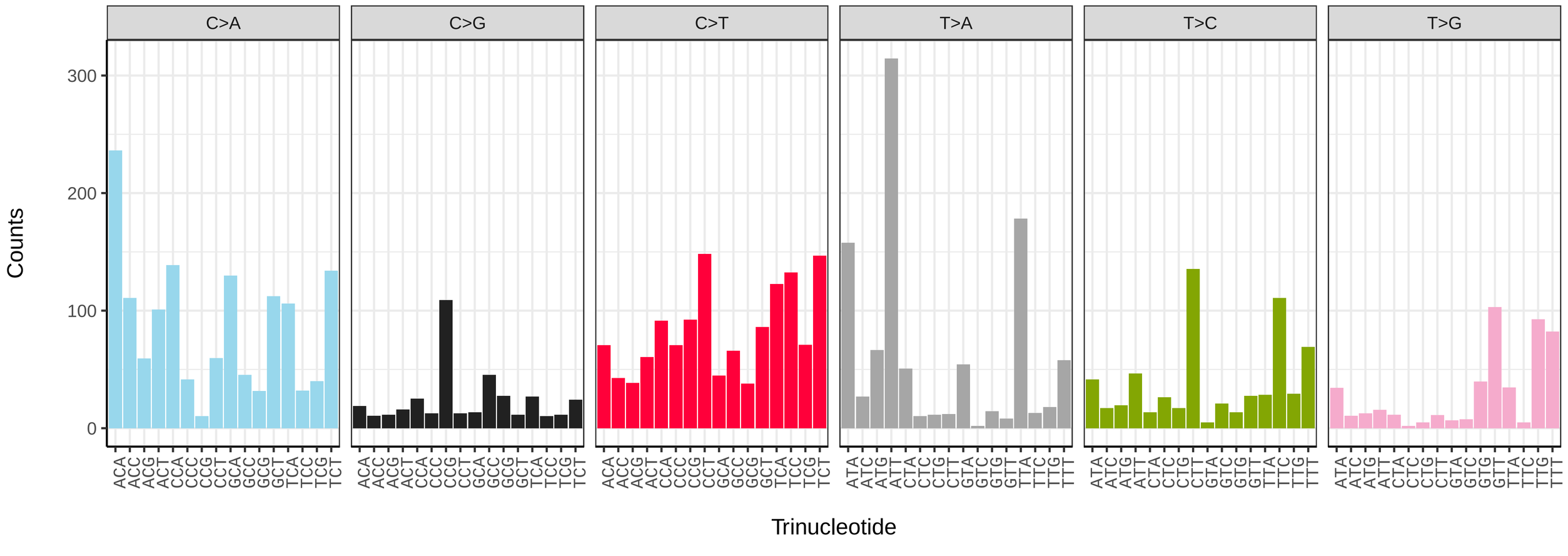
Agrostemma githago (dcAgrGith1) somatic mutational spectrum (SBS52 classification)



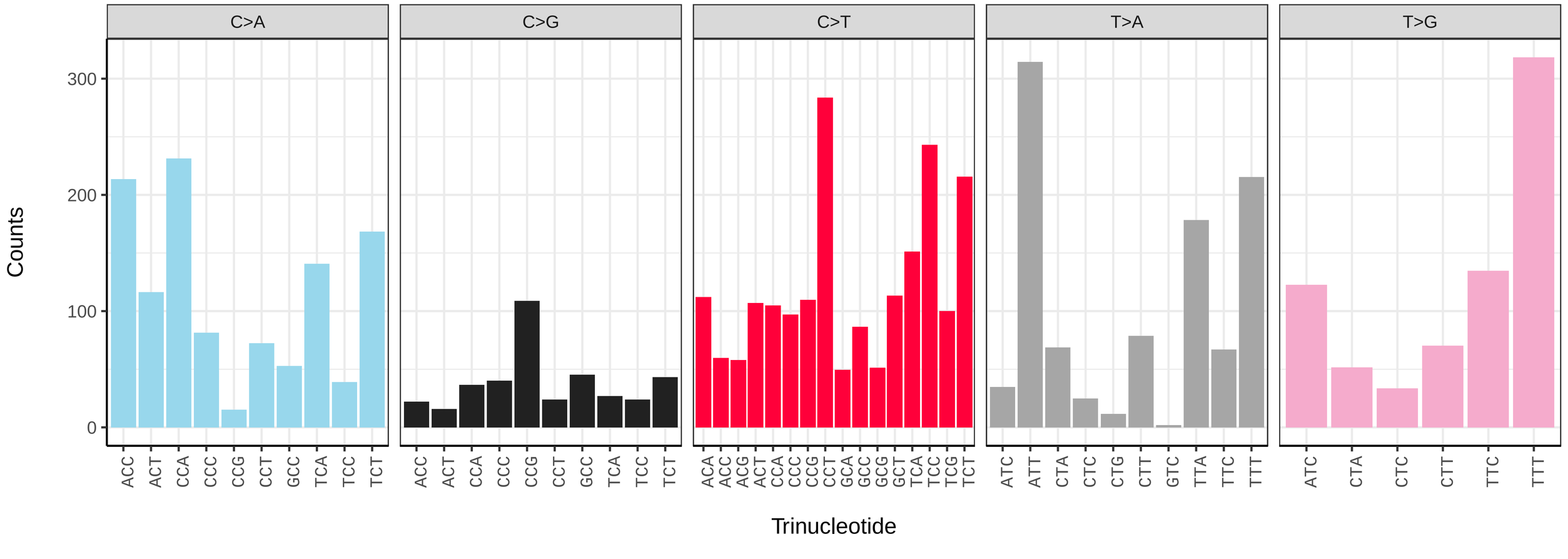
Chenopodium album (dcCheAlbu1) germline mutational spectrum



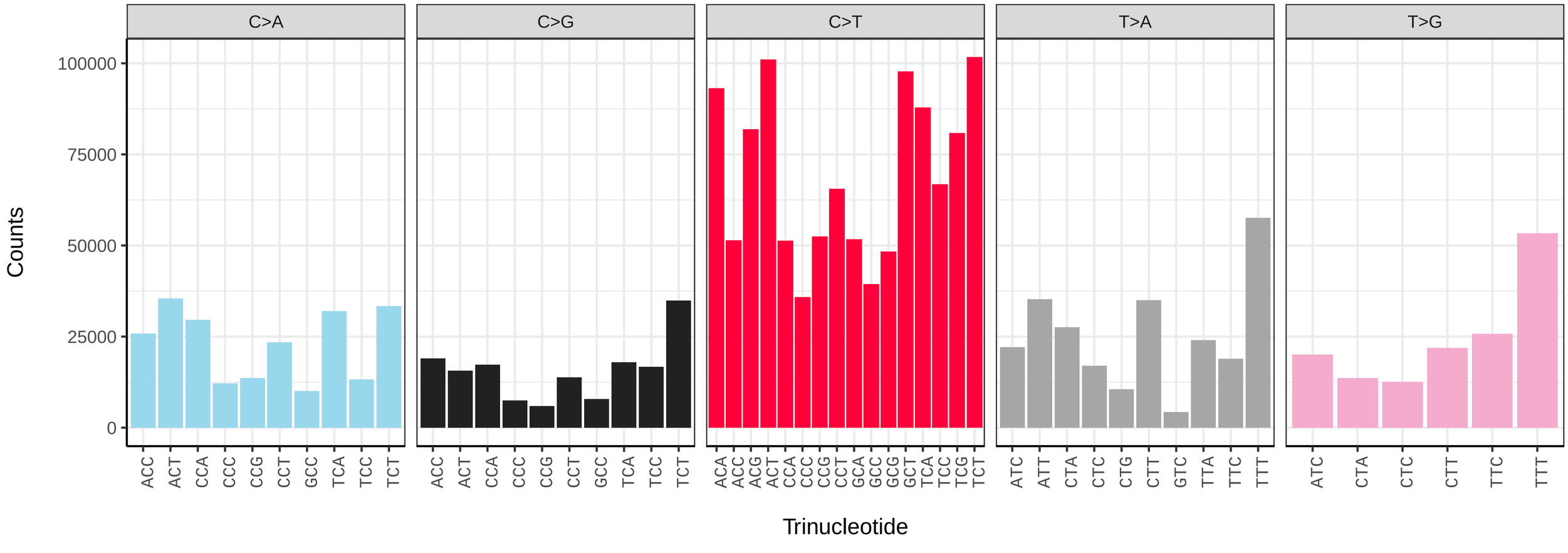
Chenopodium album (dcCheAlbu1) somatic mutational spectrum (SBS96 classification)



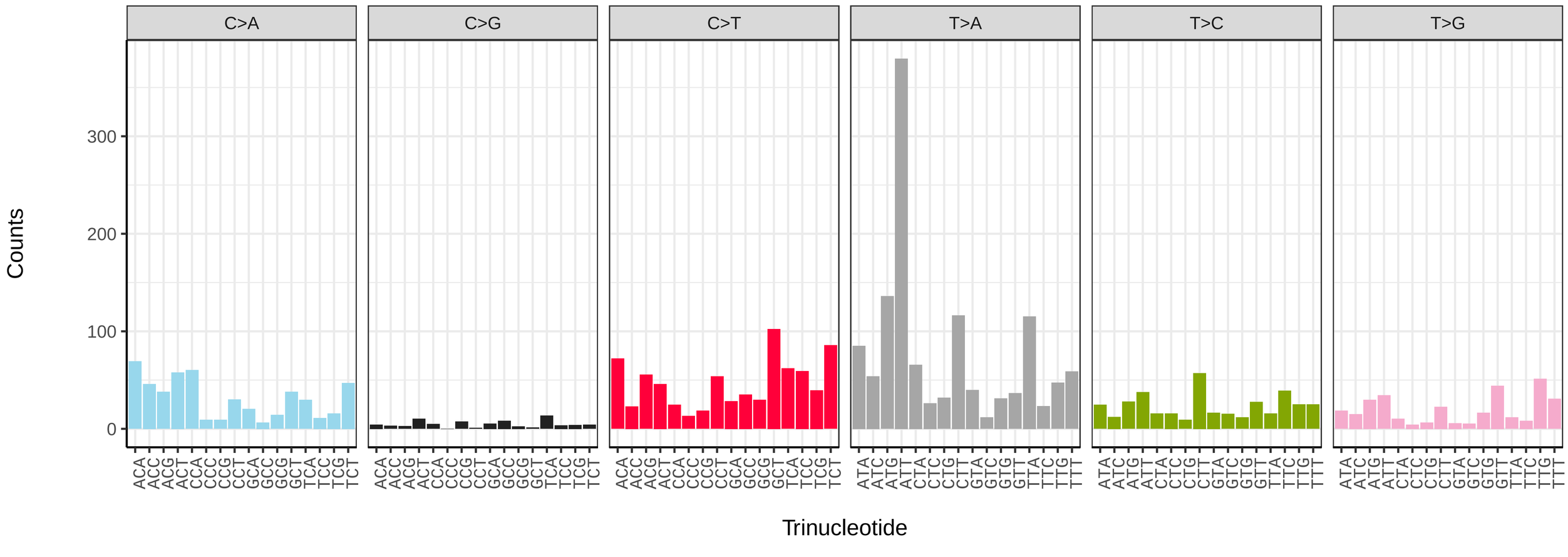
Chenopodium album (dcCheAlbu1) somatic mutational spectrum (SBS52 classification)



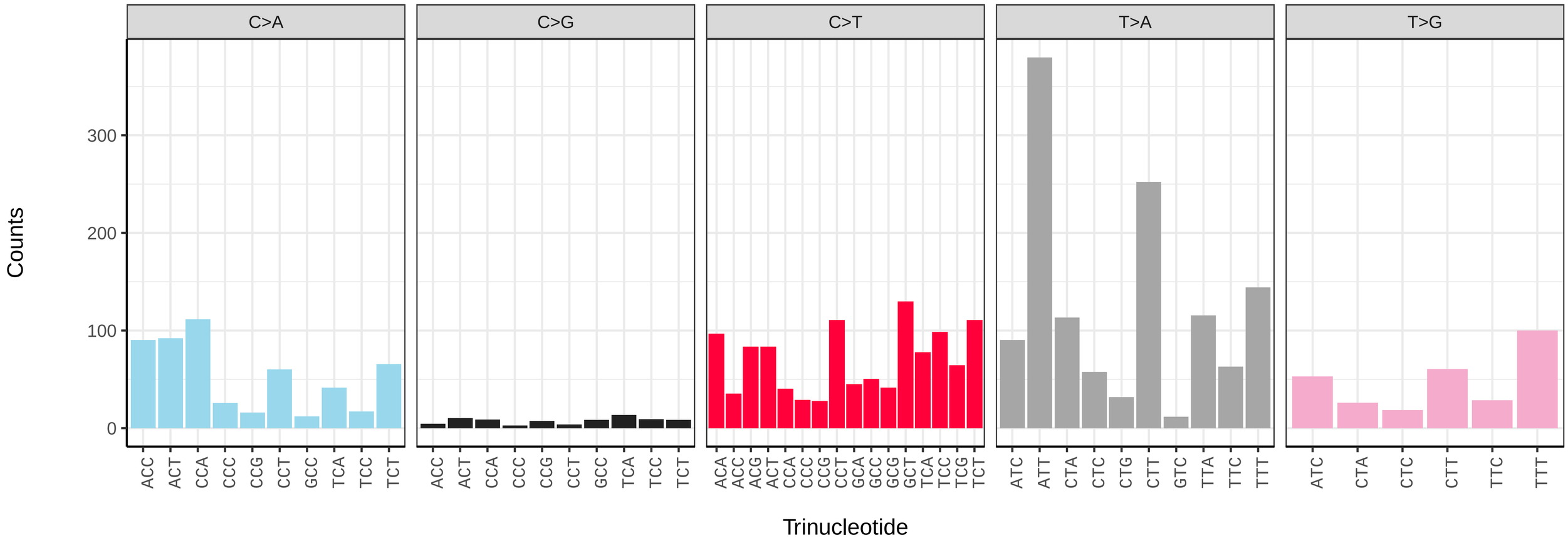
Polygonum aviculare (dcPolAvic1) germline mutational spectrum

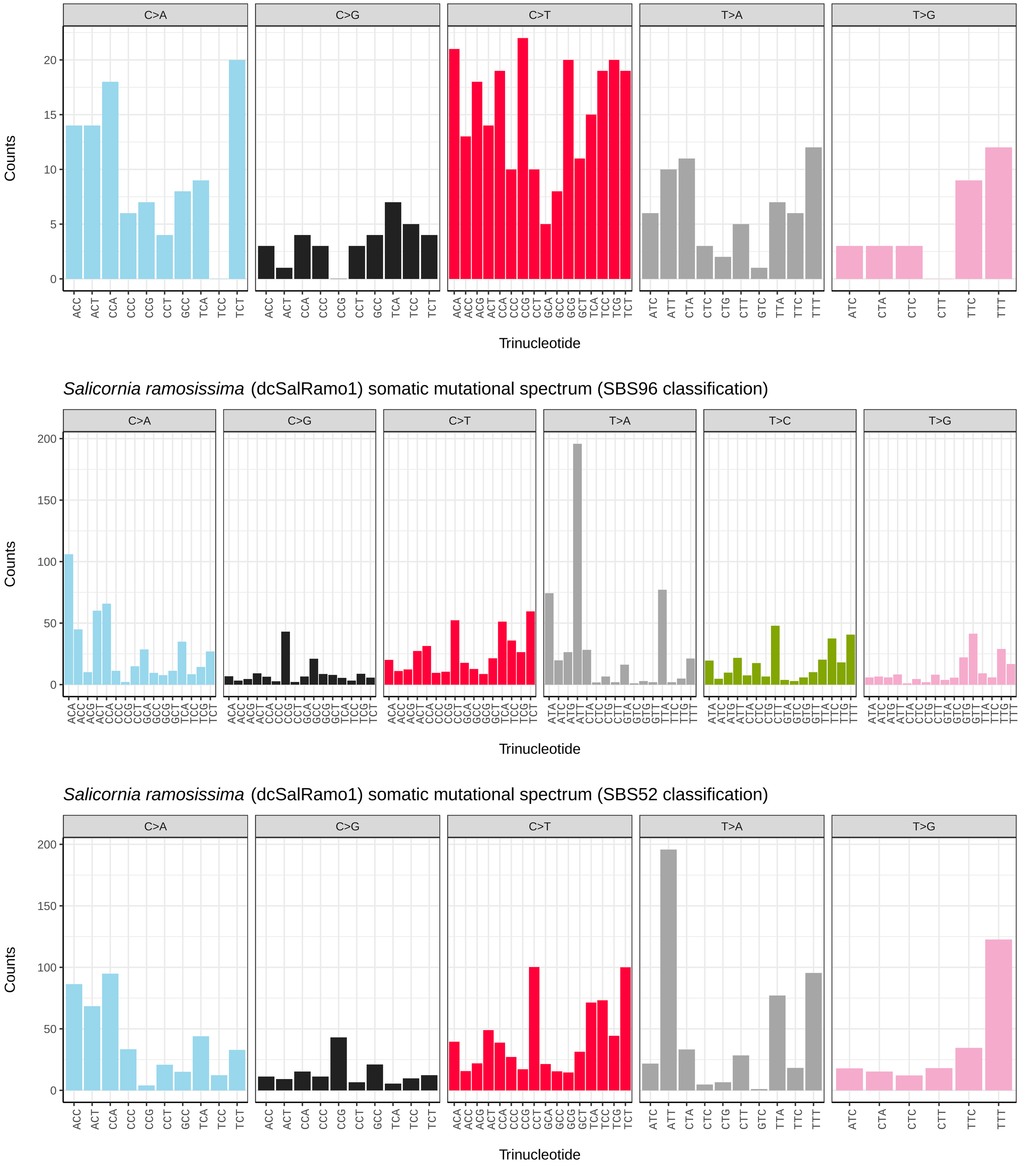


Polygonum aviculare (dcPolAvic1) somatic mutational spectrum (SBS96 classification)



Polygonum aviculare (dcPolAvic1) somatic mutational spectrum (SBS52 classification)

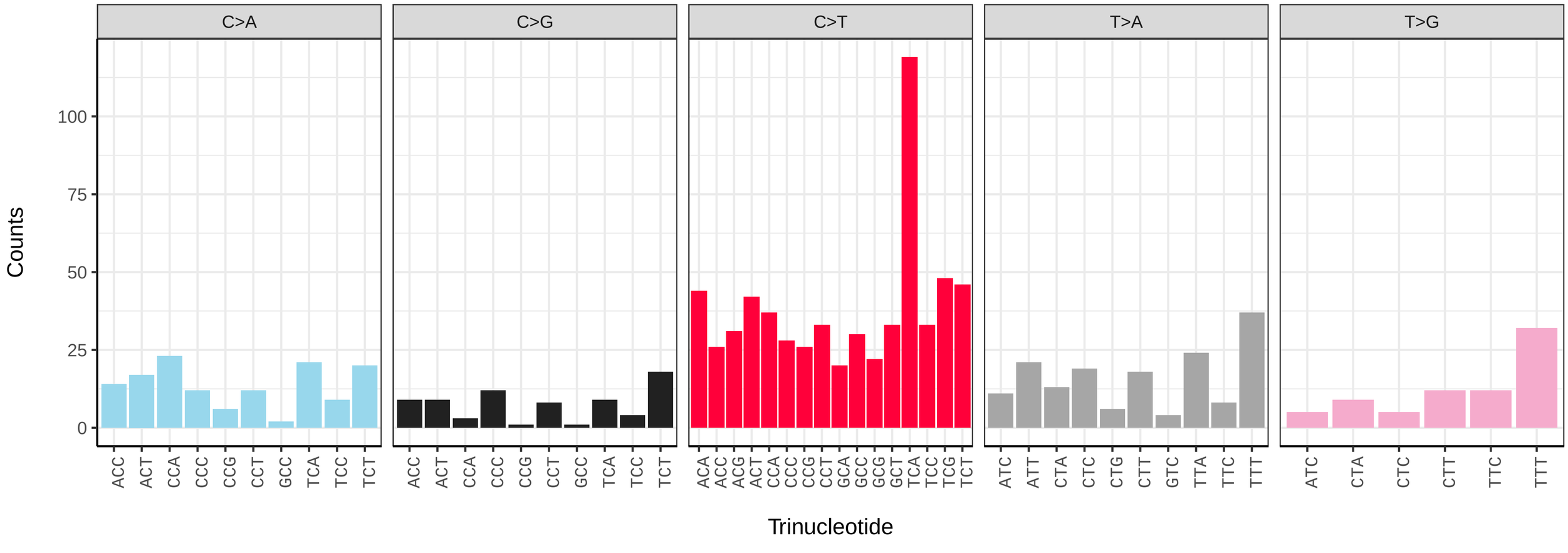



Salicornia ramosissima (dcSalRamo1) germline mutational spectrum
C>A
C>G
C>T
T>A
T>G
Counts
0
5
10
15
20
ACC ACT CCA CCC CCG CCT GCC GCG GCT TCA TCC TCG TCT
ACC ACT CCA CCC CCG CCT GCC TCA TCC TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATC ATT CTA CTC CTG CTT GTC TTA TTC TTT
ATC CTA CTC CTT TTC TTT
Trinucleotide

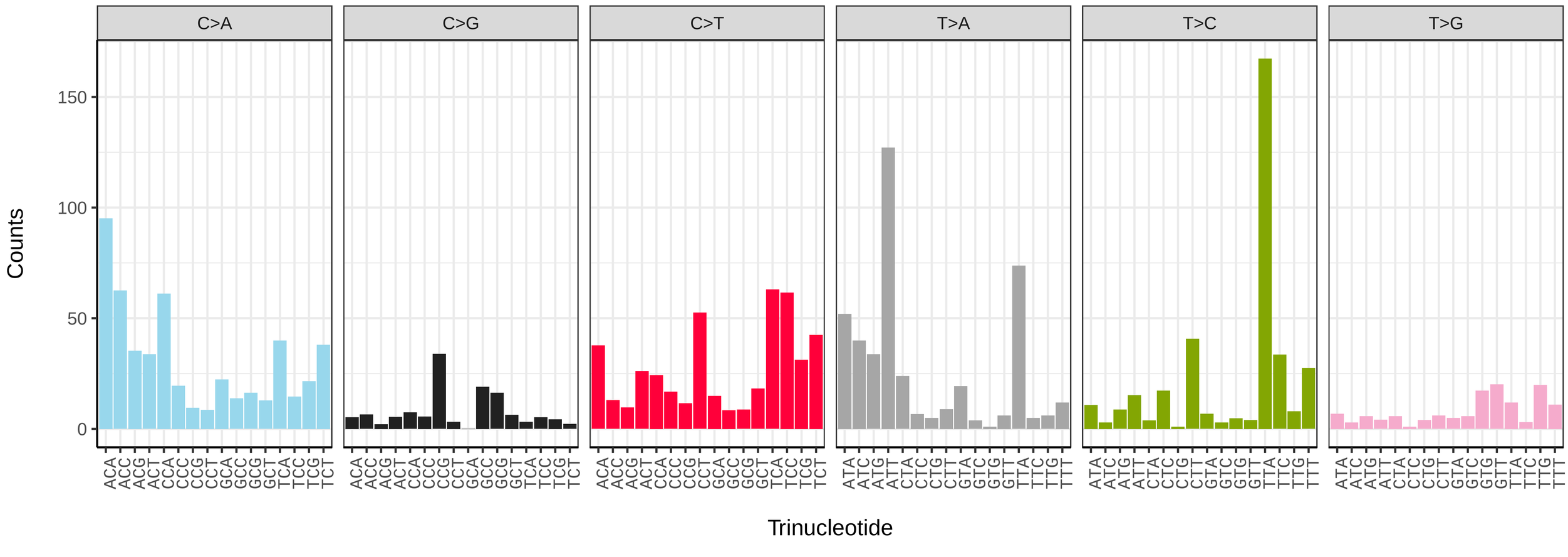
Salicornia ramosissima (dcSalRamo1) somatic mutational spectrum (SBS96 classification)
C>A
C>G
C>T
T>A
T>C
T>G
Counts
0
50
100
150
200
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
Trinucleotide

Salicornia ramosissima (dcSalRamo1) somatic mutational spectrum (SBS52 classification)
C>A
C>G
C>T
T>A
T>G
Counts
0
50
100
150
200
ACC ACT CCA CCC CCG CCT GCC TCA TCC TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATC ATT CTA CTC CTG CTT GTC TTA TTC TTT
ATC CTA CTC CTT TTC TTT
Trinucleotide

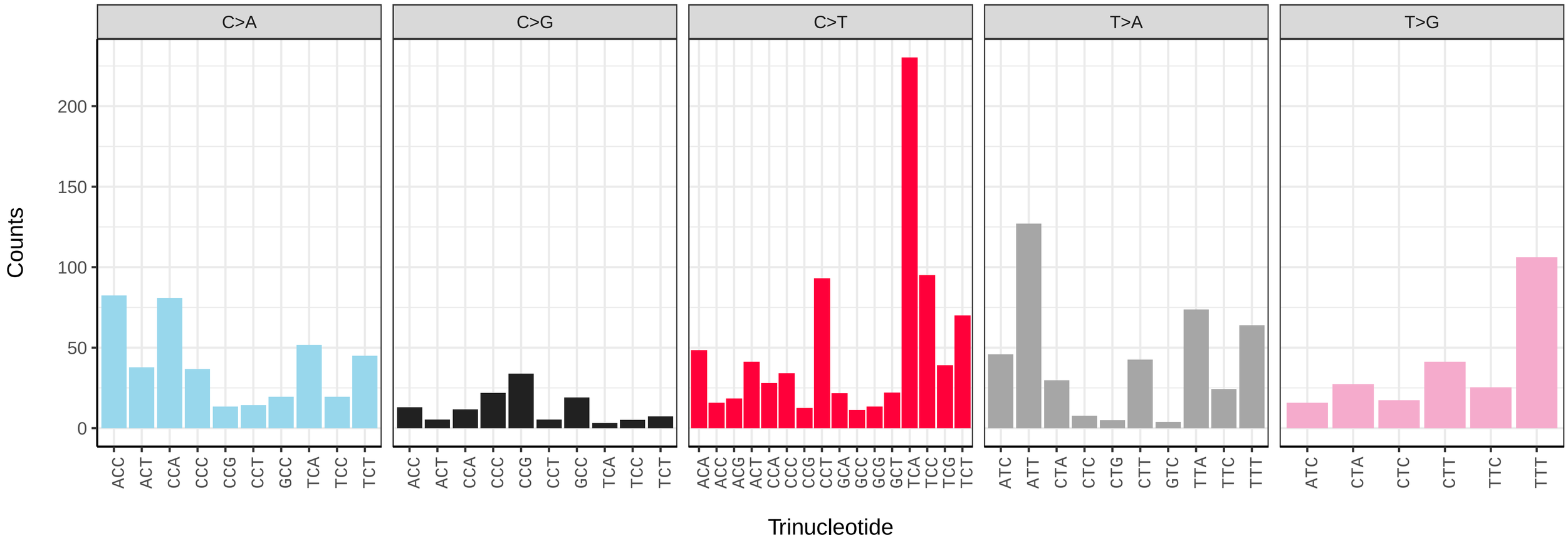
Spergularia bocconei (dcSpeBocc1) germline mutational spectrum



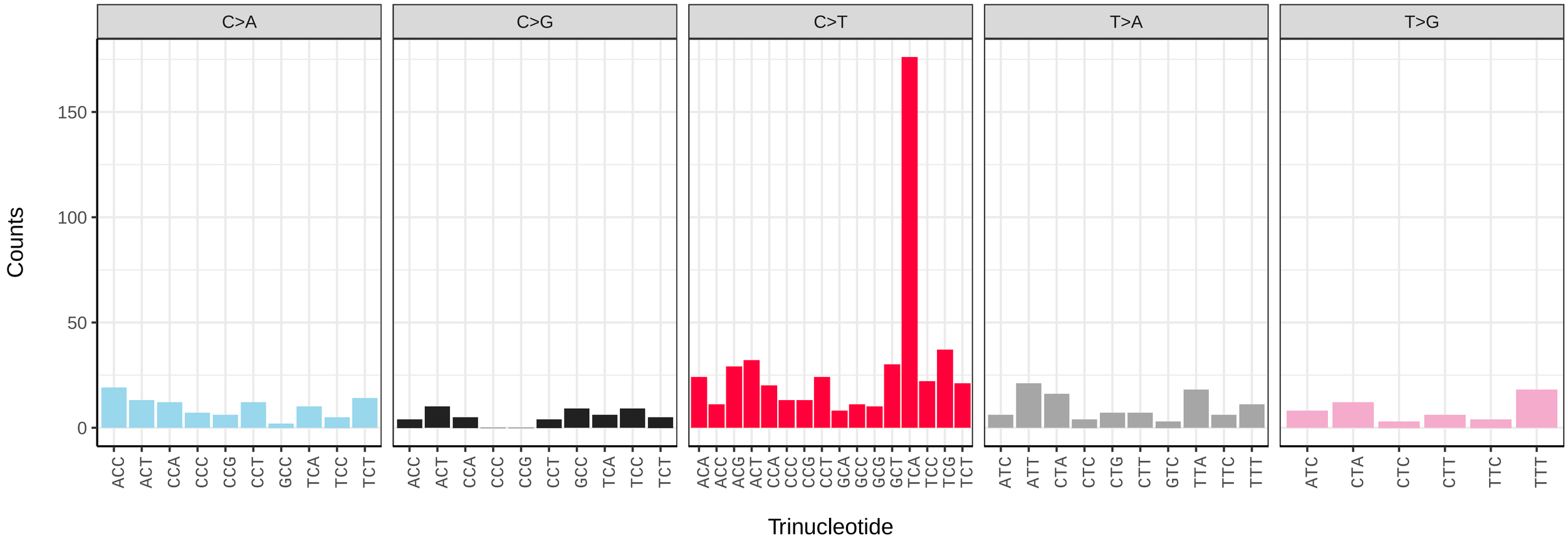
Spergularia bocconei (dcSpeBocc1) somatic mutational spectrum (SBS96 classification)



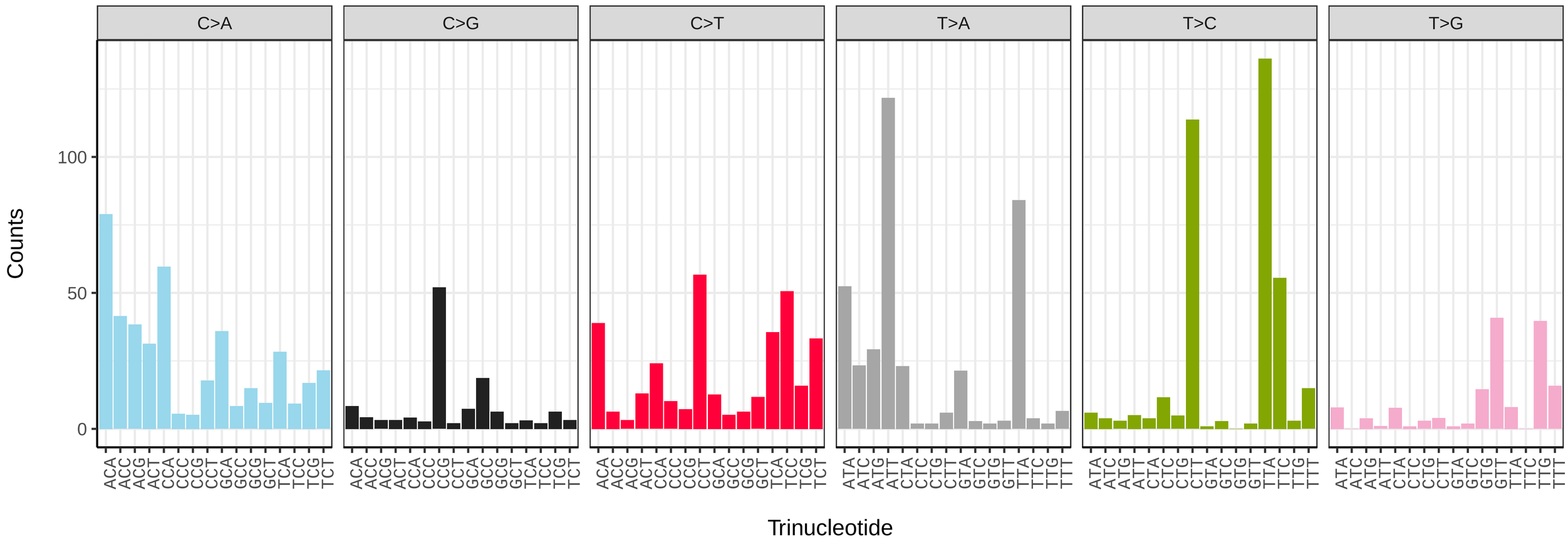
Spergularia bocconei (dcSpeBocc1) somatic mutational spectrum (SBS52 classification)



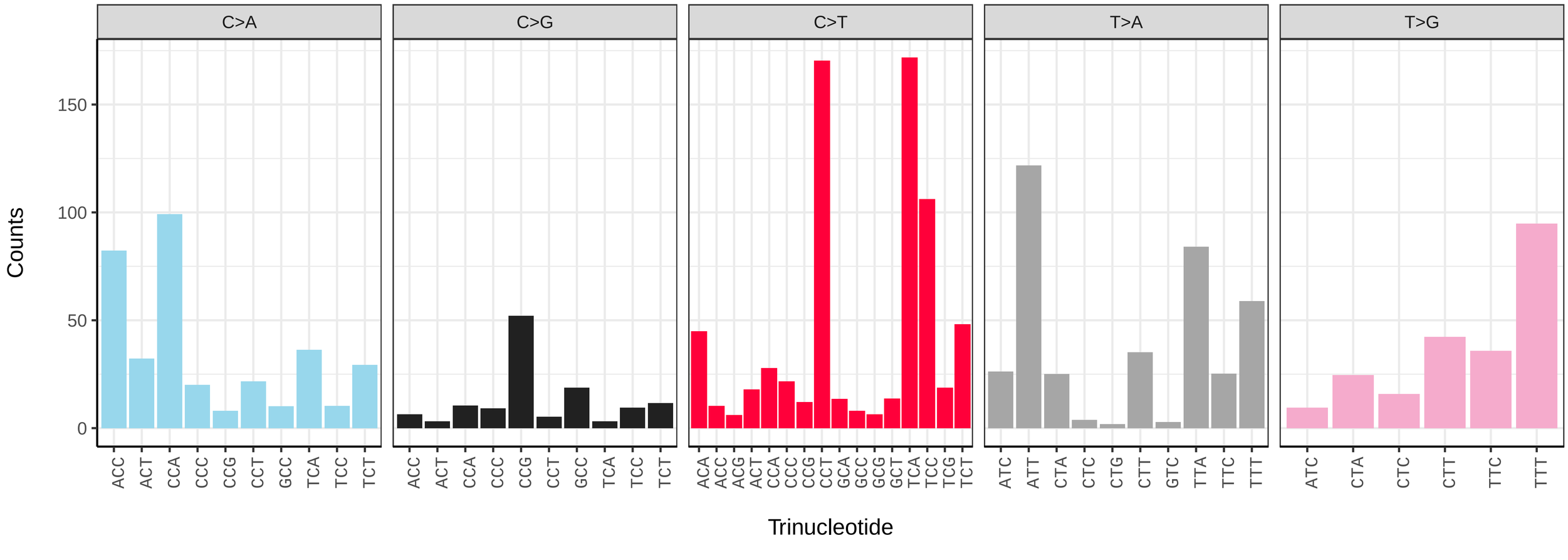
Spergularia marina (dcSpeMari1) germline mutational spectrum



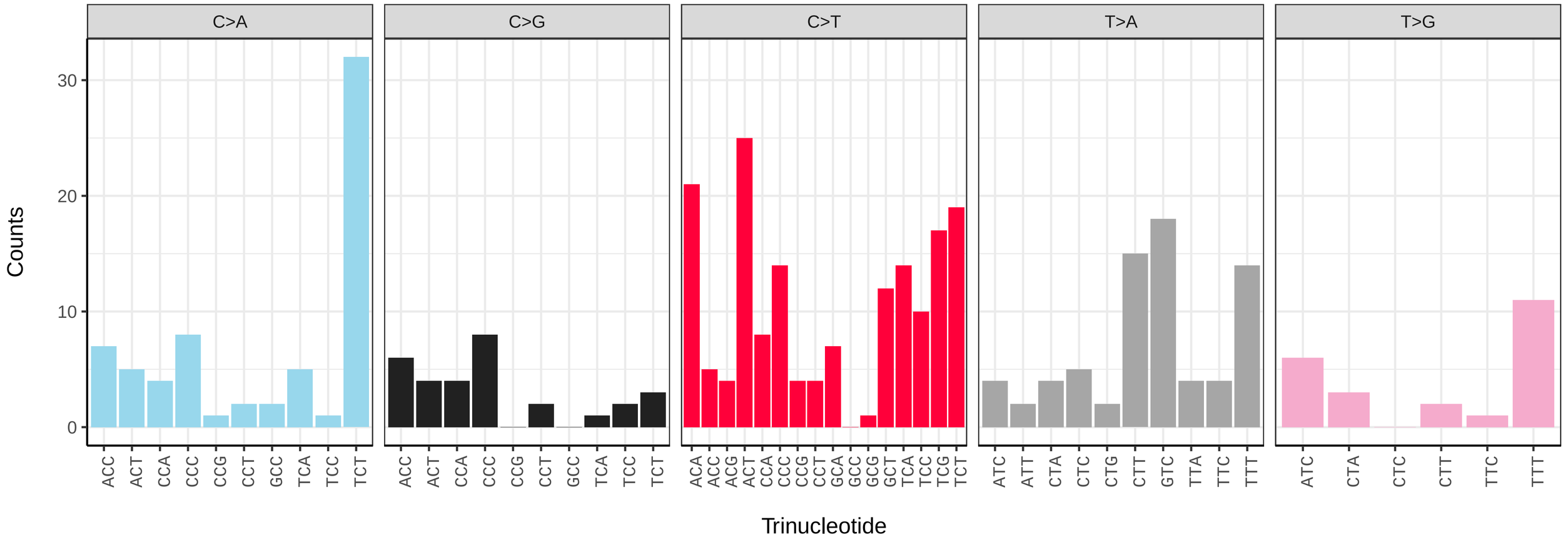
Spergularia marina (dcSpeMari1) somatic mutational spectrum (SBS96 classification)



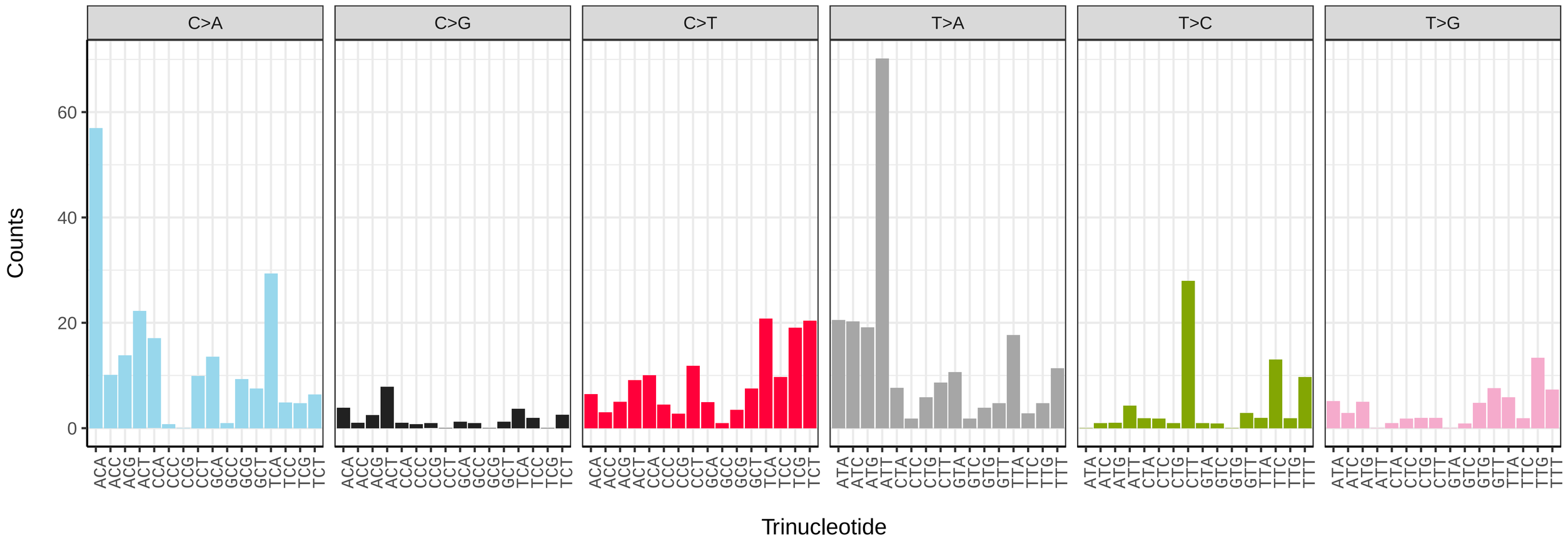
Spergularia marina (dcSpeMari1) somatic mutational spectrum (SBS52 classification)



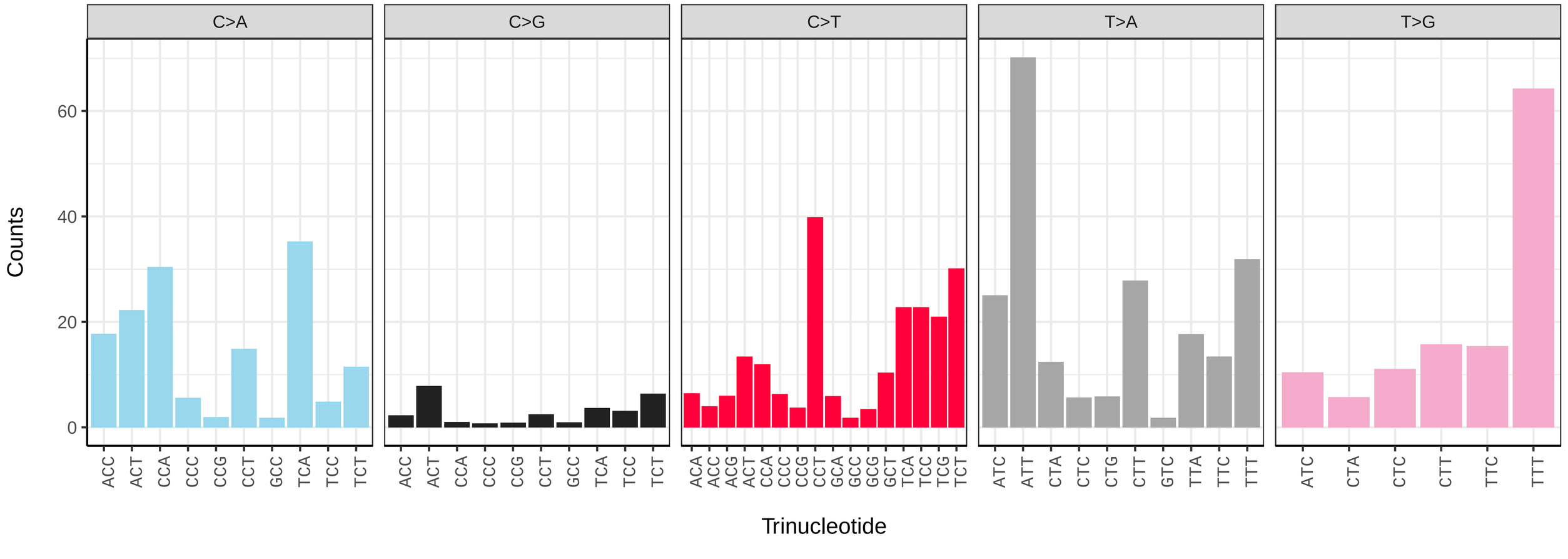
Arabidopsis thaliana (ddAraThal4) germline mutational spectrum



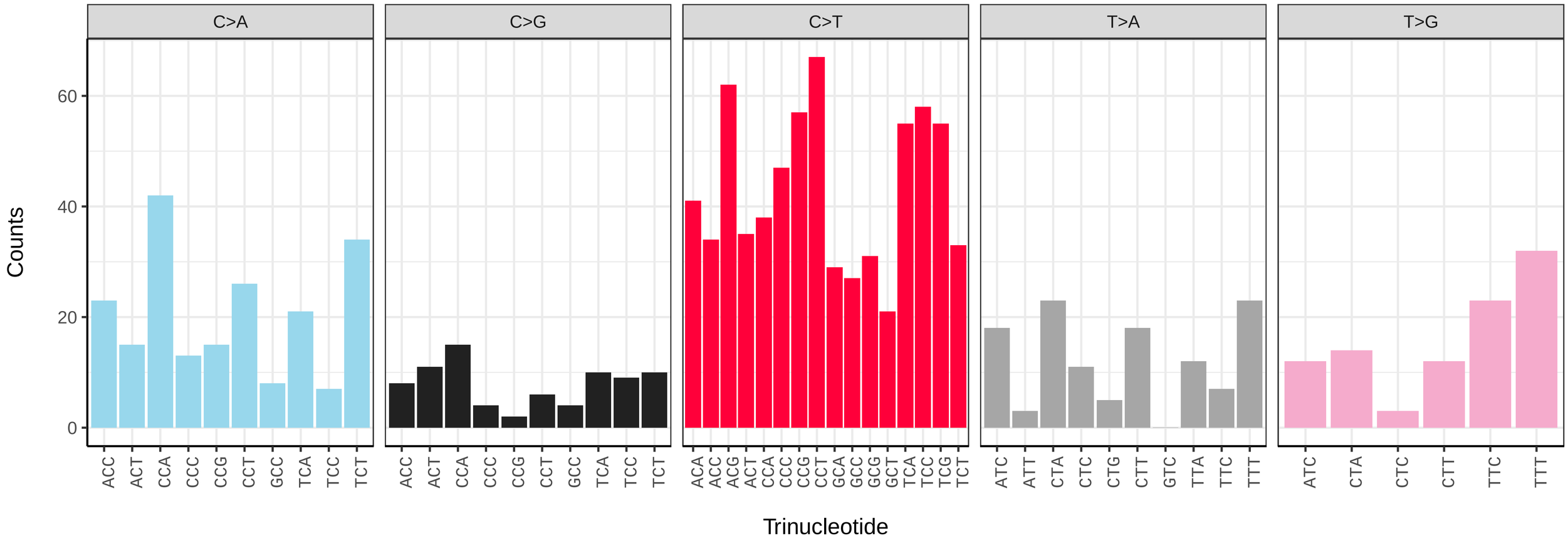
Arabidopsis thaliana (ddAraThal4) somatic mutational spectrum (SBS96 classification)



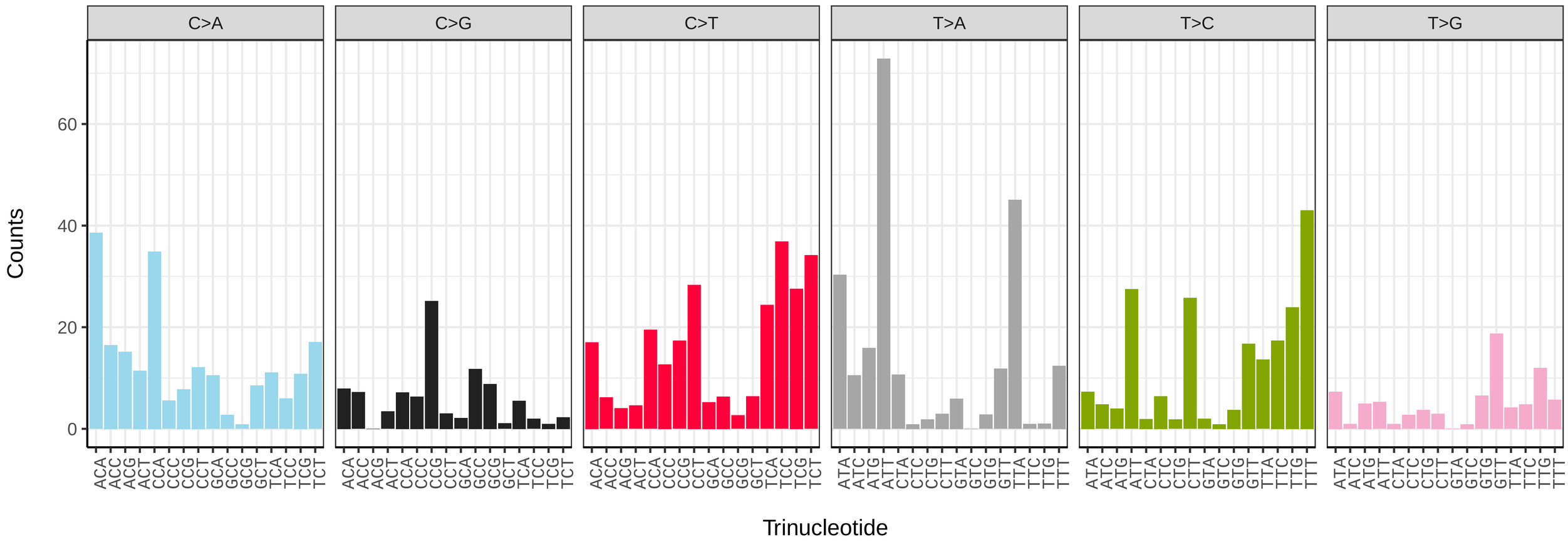
Arabidopsis thaliana (ddAraThal4) somatic mutational spectrum (SBS52 classification)



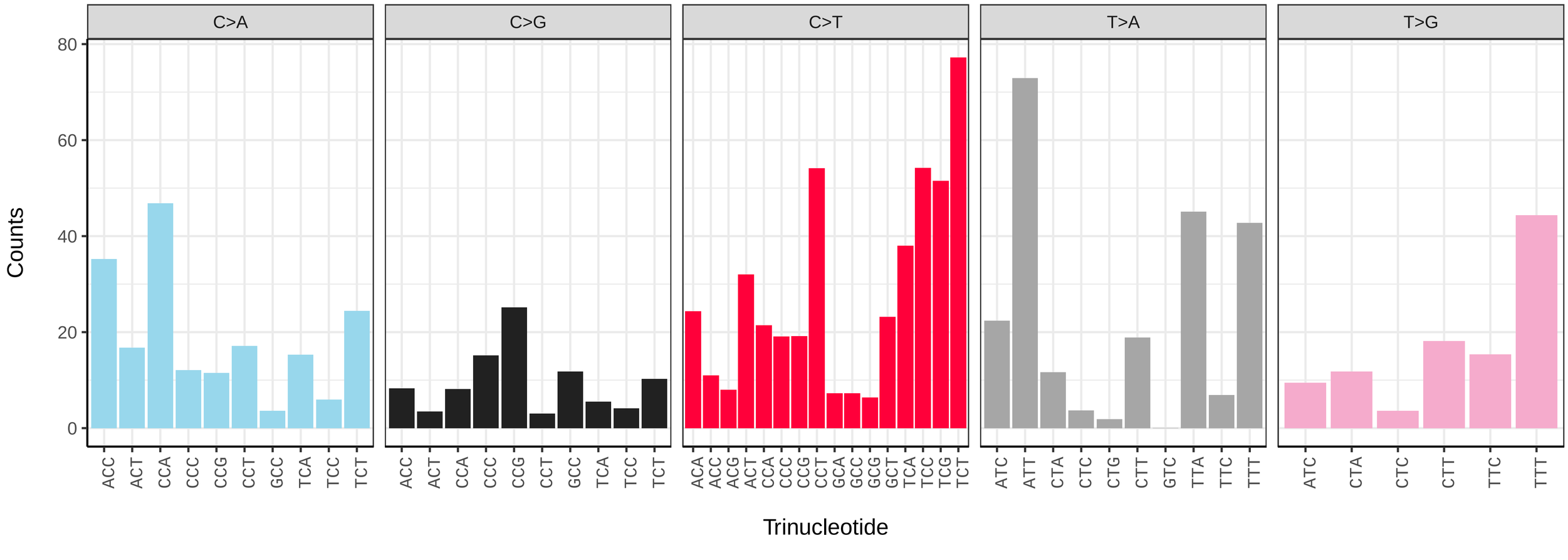
Barbarea vulgaris (ddBarVulg1) germline mutational spectrum



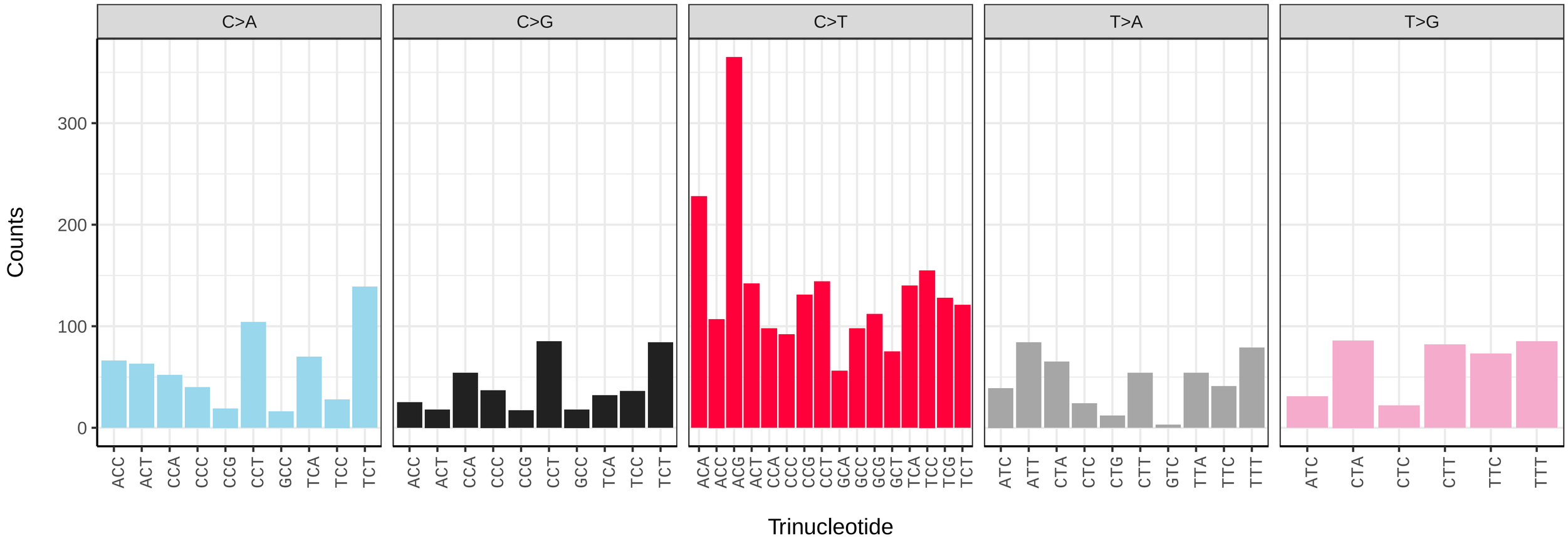
Barbarea vulgaris (ddBarVulg1) somatic mutational spectrum (SBS96 classification)



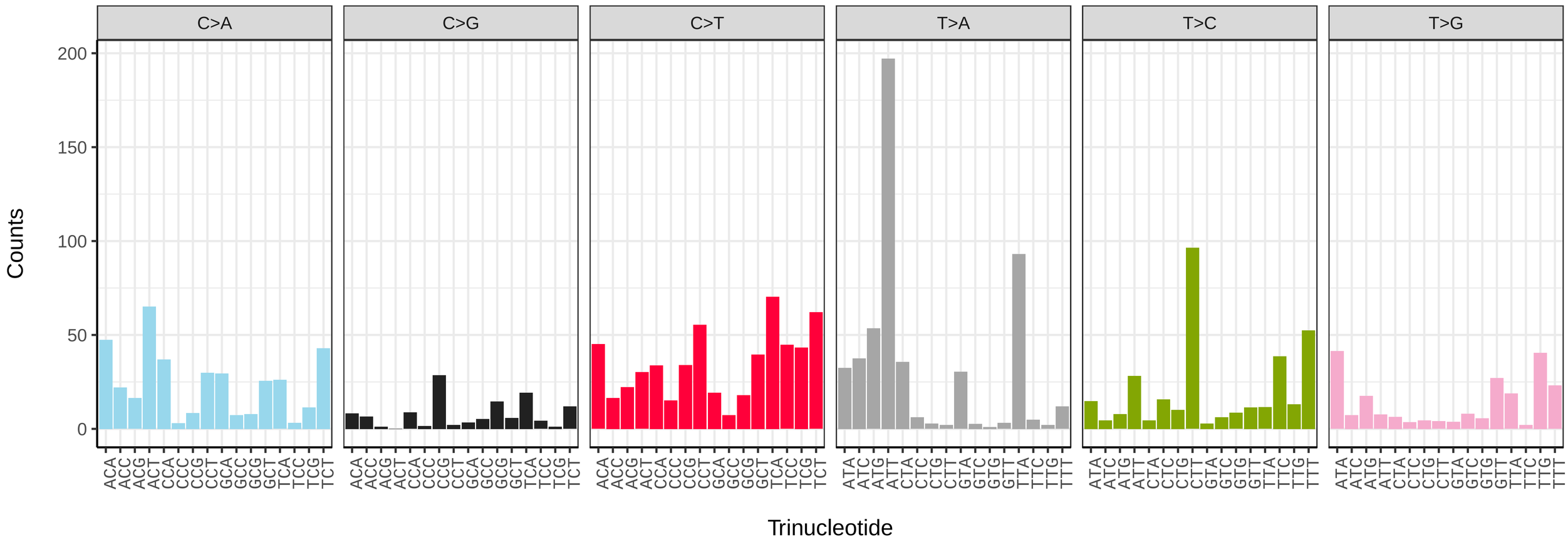
Barbarea vulgaris (ddBarVulg1) somatic mutational spectrum (SBS52 classification)



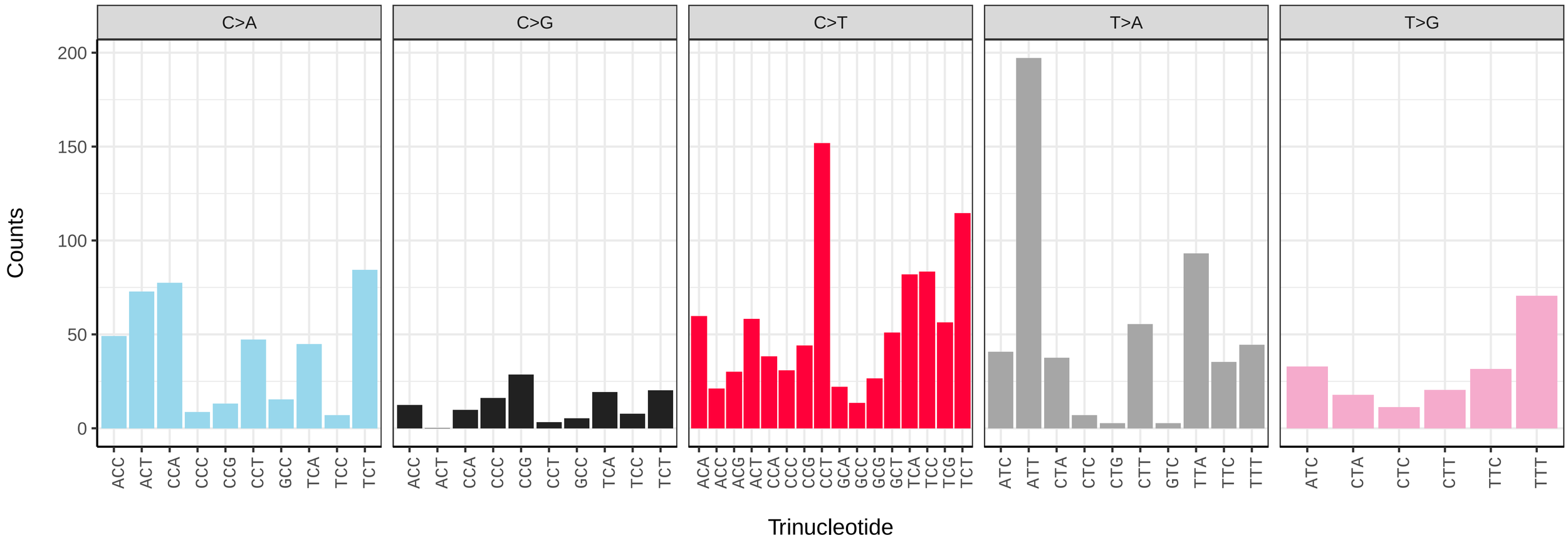
Euphorbia lathyris (ddEupLath1) germline mutational spectrum



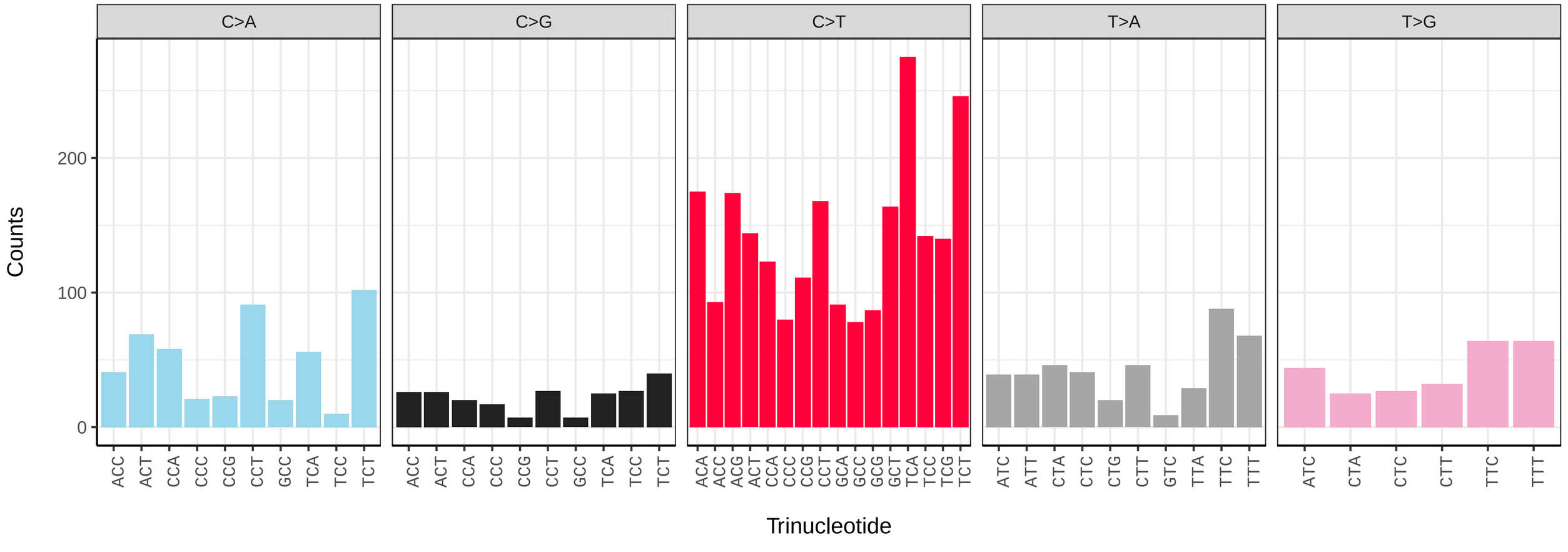
Euphorbia lathyris (ddEupLath1) somatic mutational spectrum (SBS96 classification)



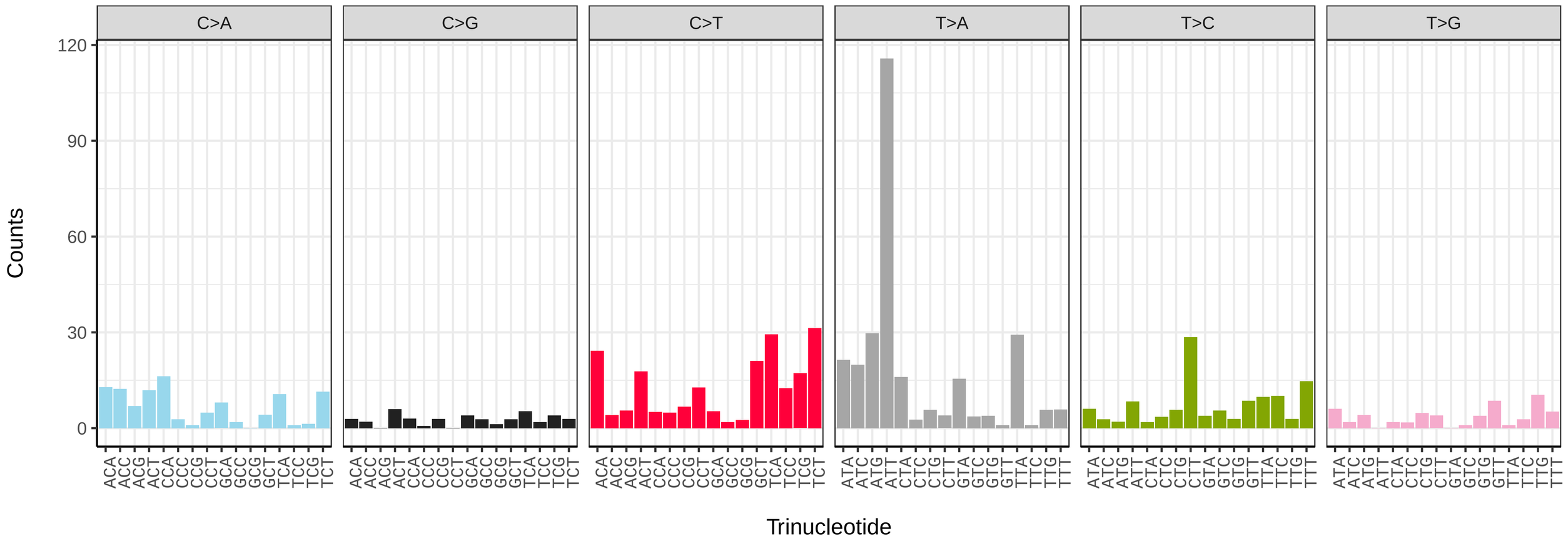
Euphorbia lathyris (ddEupLath1) somatic mutational spectrum (SBS52 classification)



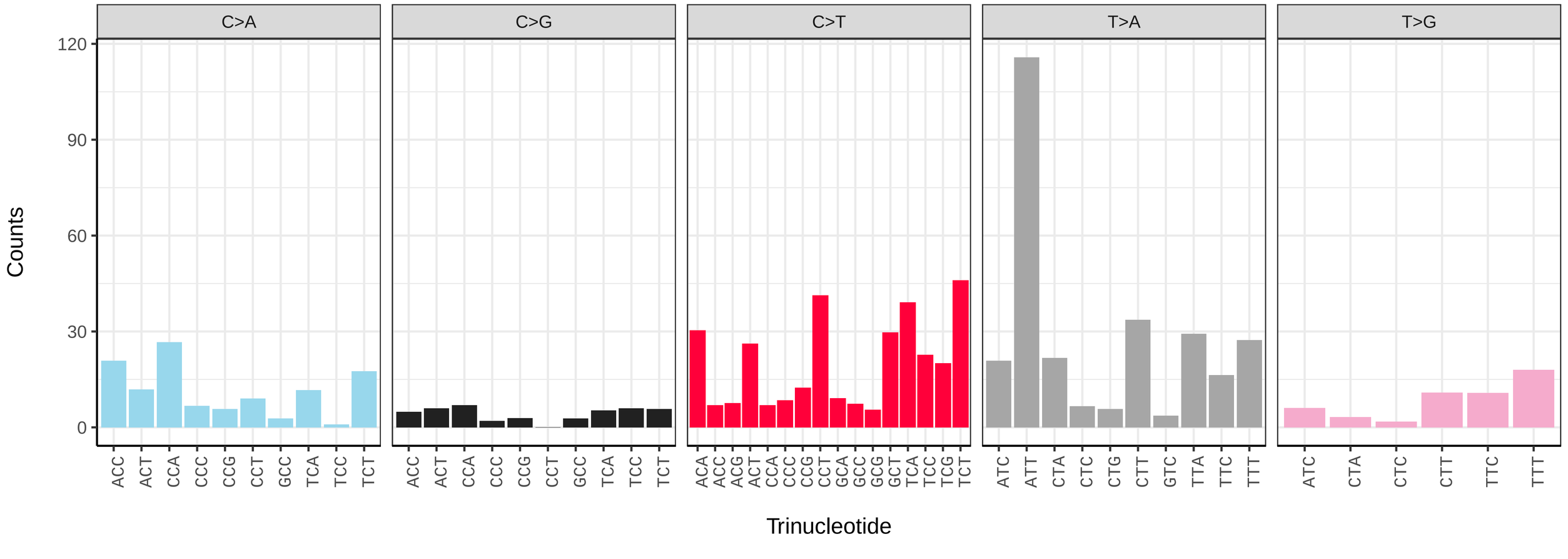
Euphorbia peplus (ddEupPepu3) germline mutational spectrum



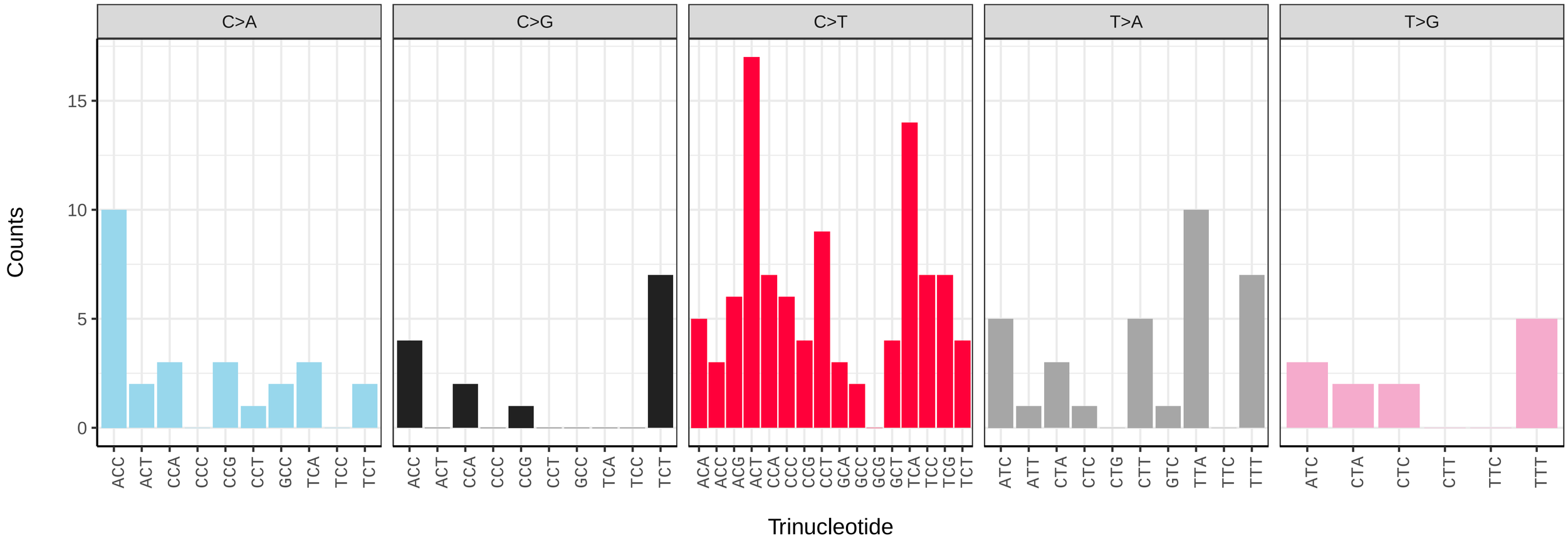
Euphorbia peplus (ddEupPepu3) somatic mutational spectrum (SBS96 classification)



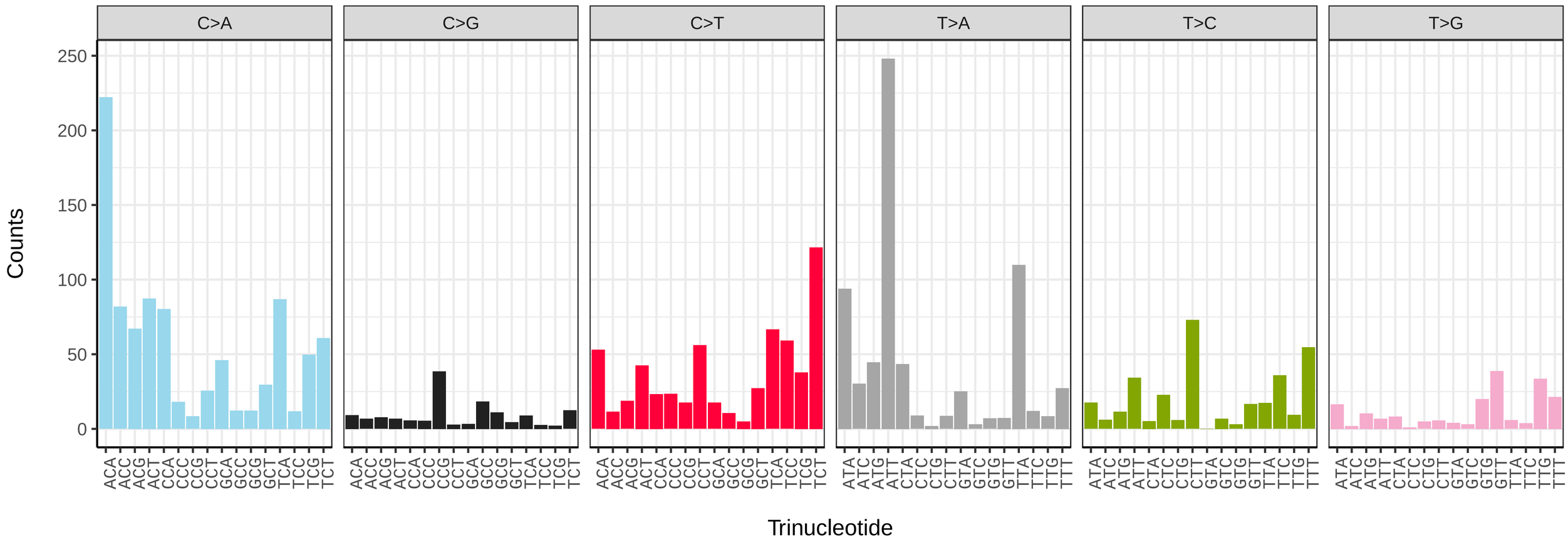
Euphorbia peplus (ddEupPepu3) somatic mutational spectrum (SBS52 classification)



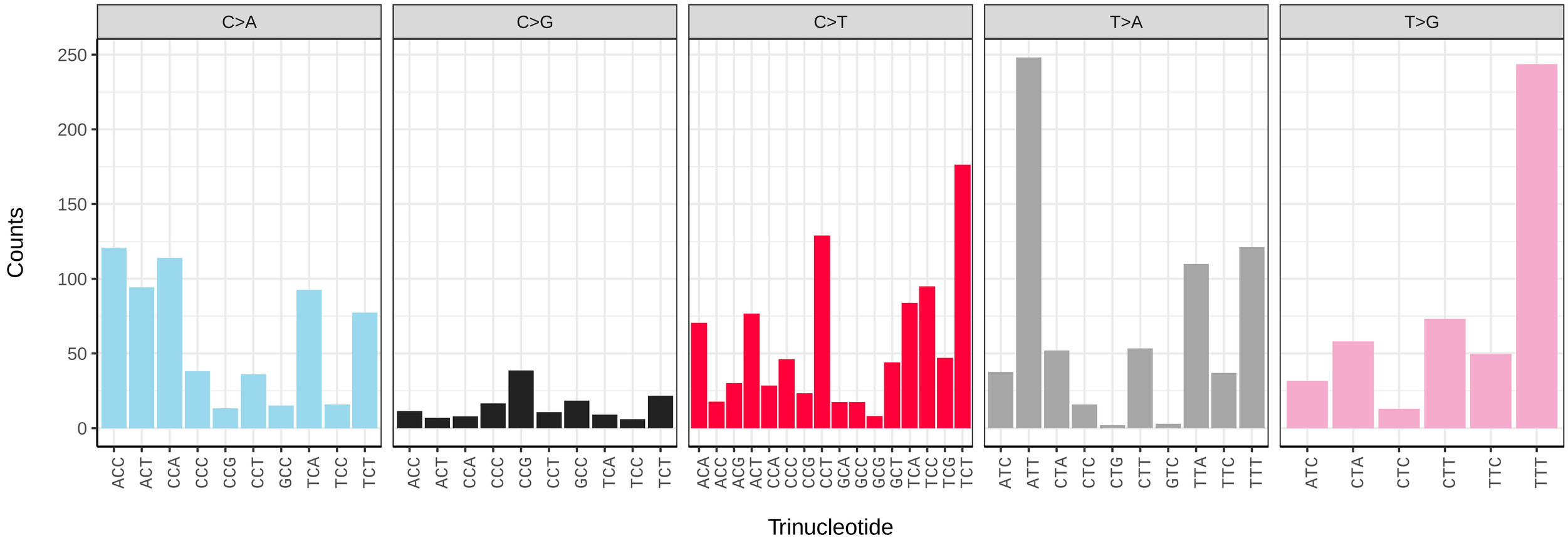
Lepidium didymum (ddLepDidy1) germline mutational spectrum



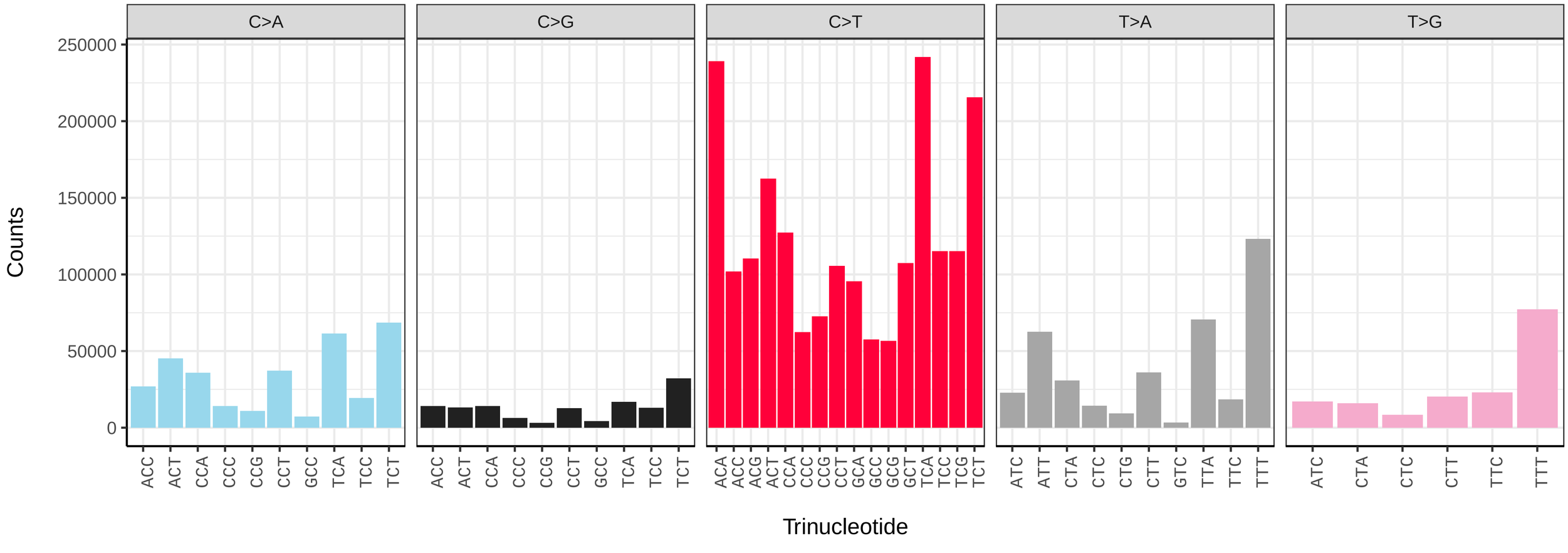
Lepidium didymum (ddLepDidy1) somatic mutational spectrum (SBS96 classification)



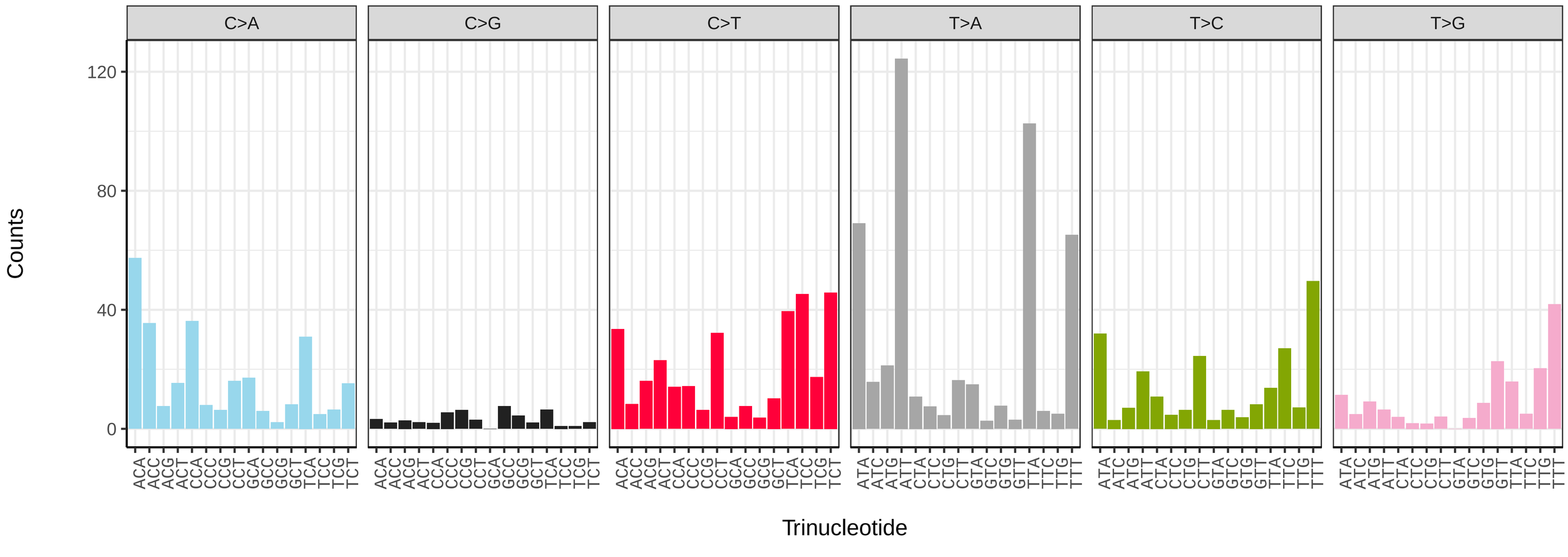
Lepidium didymum (ddLepDidy1) somatic mutational spectrum (SBS52 classification)



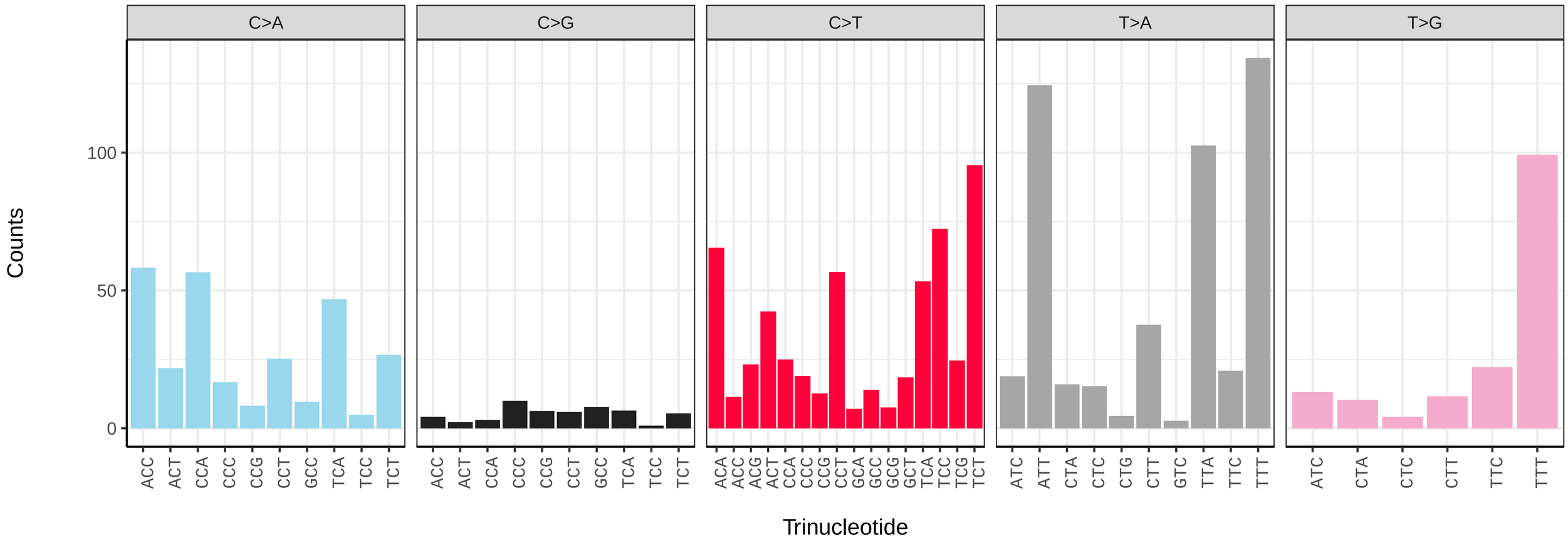
Populus nigra (ddPopNigr1) germline mutational spectrum



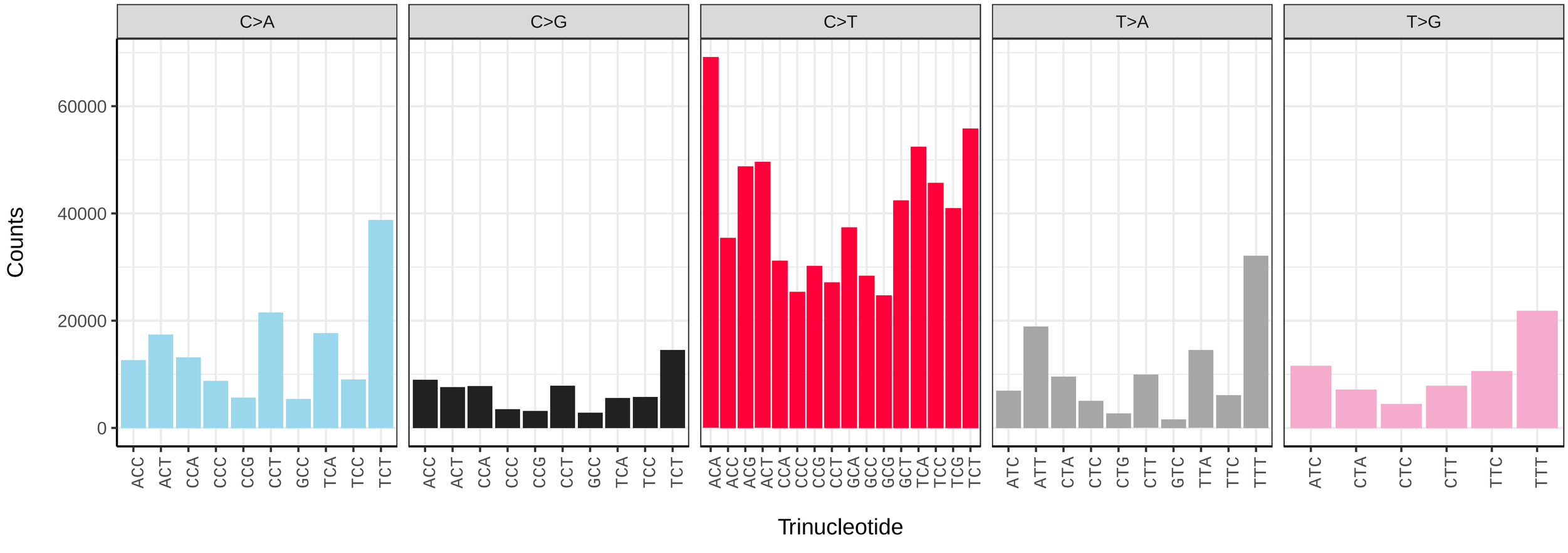
Populus nigra (ddPopNigr1) somatic mutational spectrum (SBS96 classification)



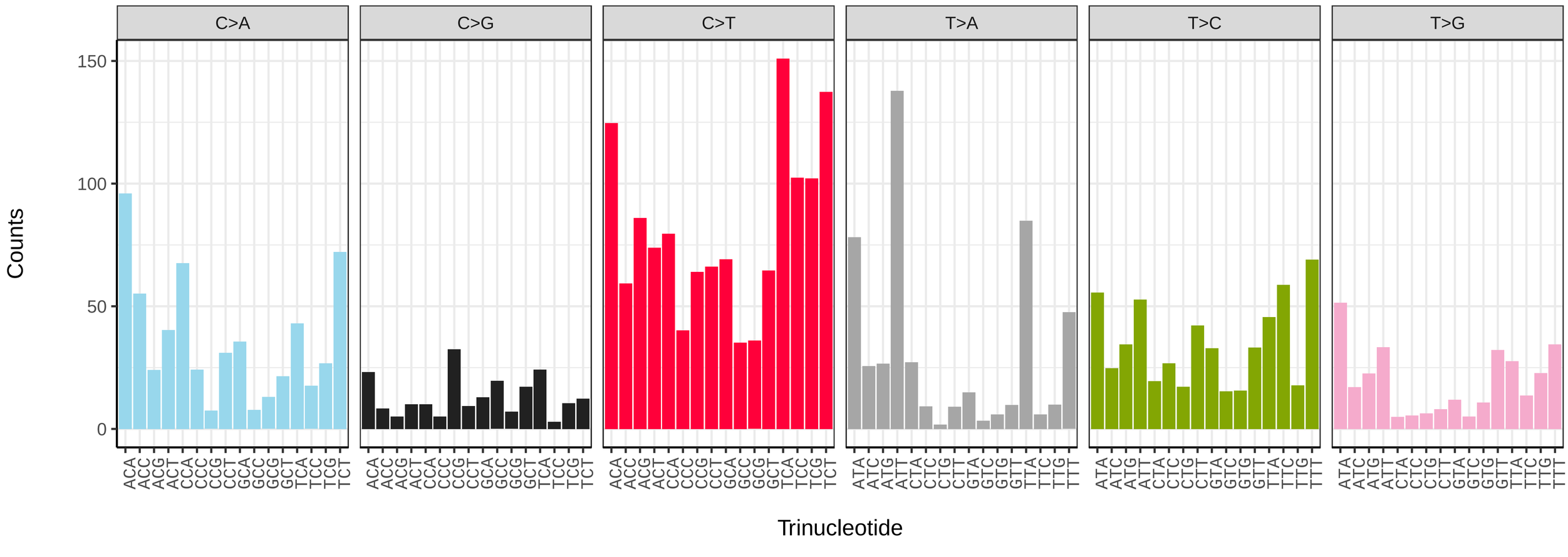
Populus nigra (ddPopNigr1) somatic mutational spectrum (SBS52 classification)



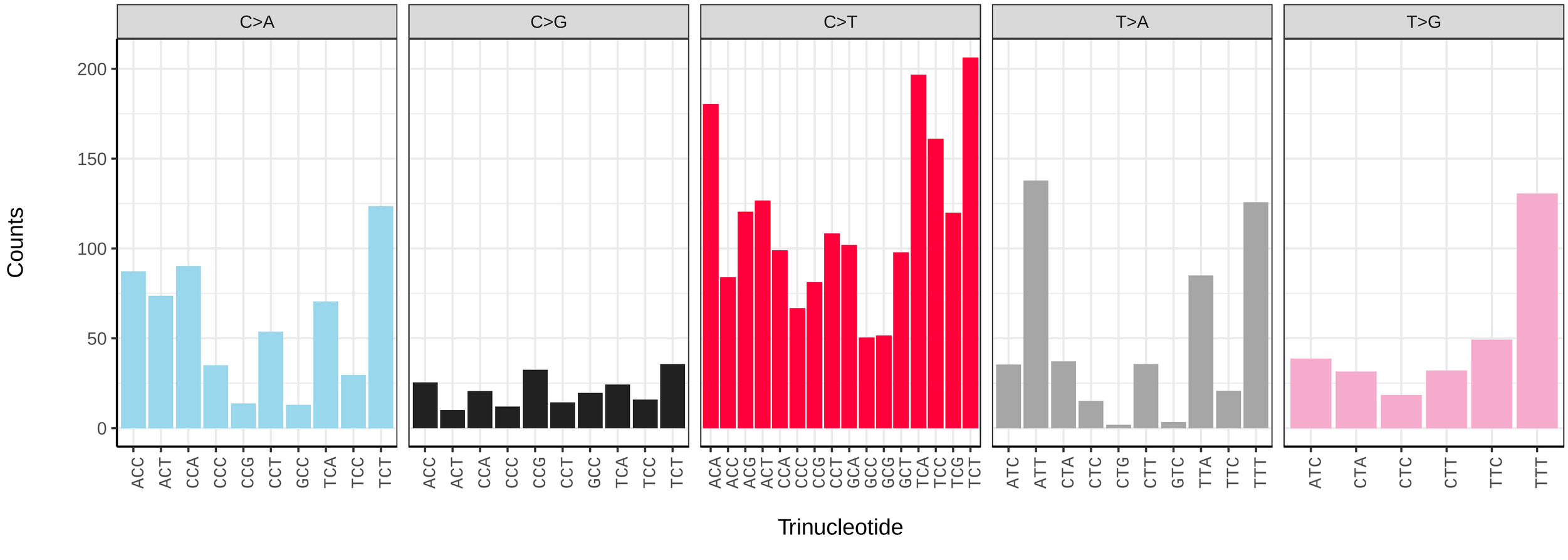
Primula veris (ddPriVeri1) germline mutational spectrum



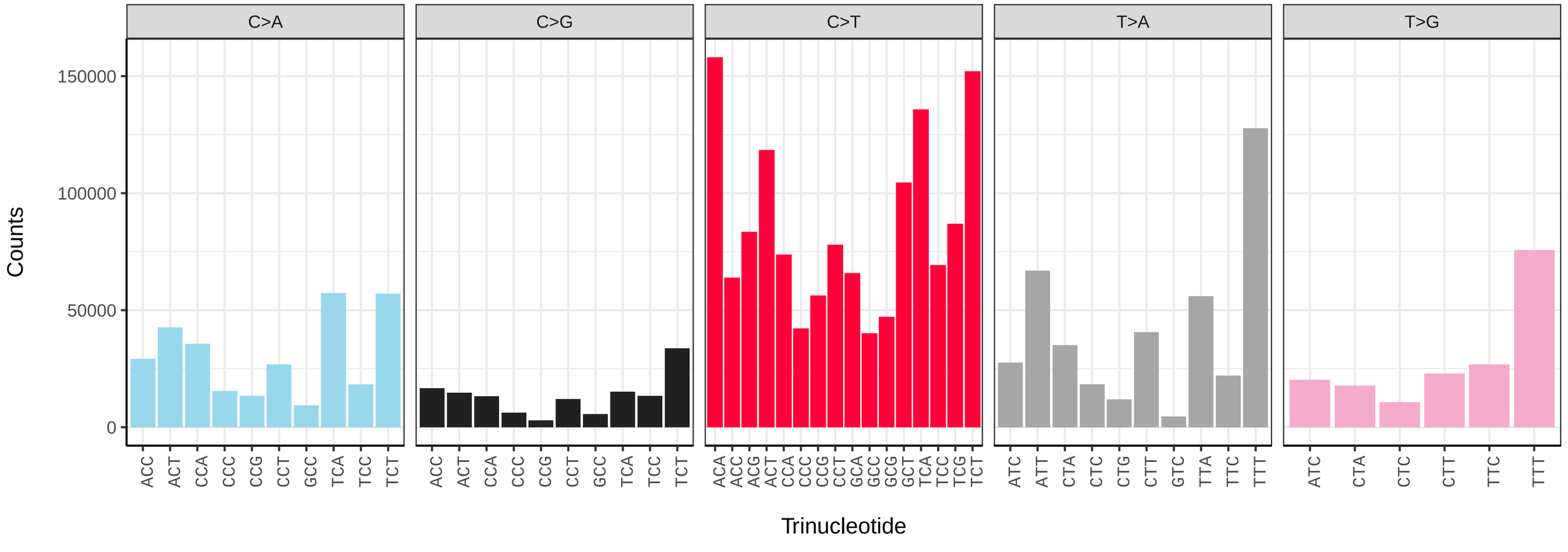
Primula veris (ddPriVeri1) somatic mutational spectrum (SBS96 classification)



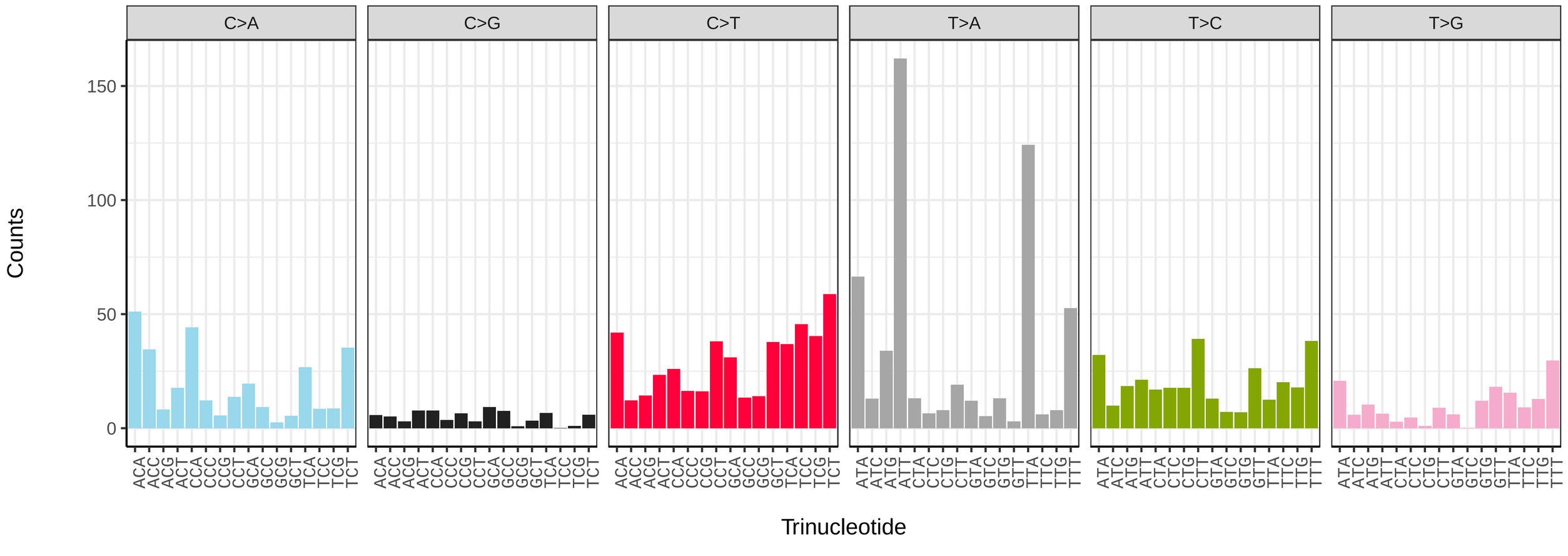
Primula veris (ddPriVeri1) somatic mutational spectrum (SBS52 classification)



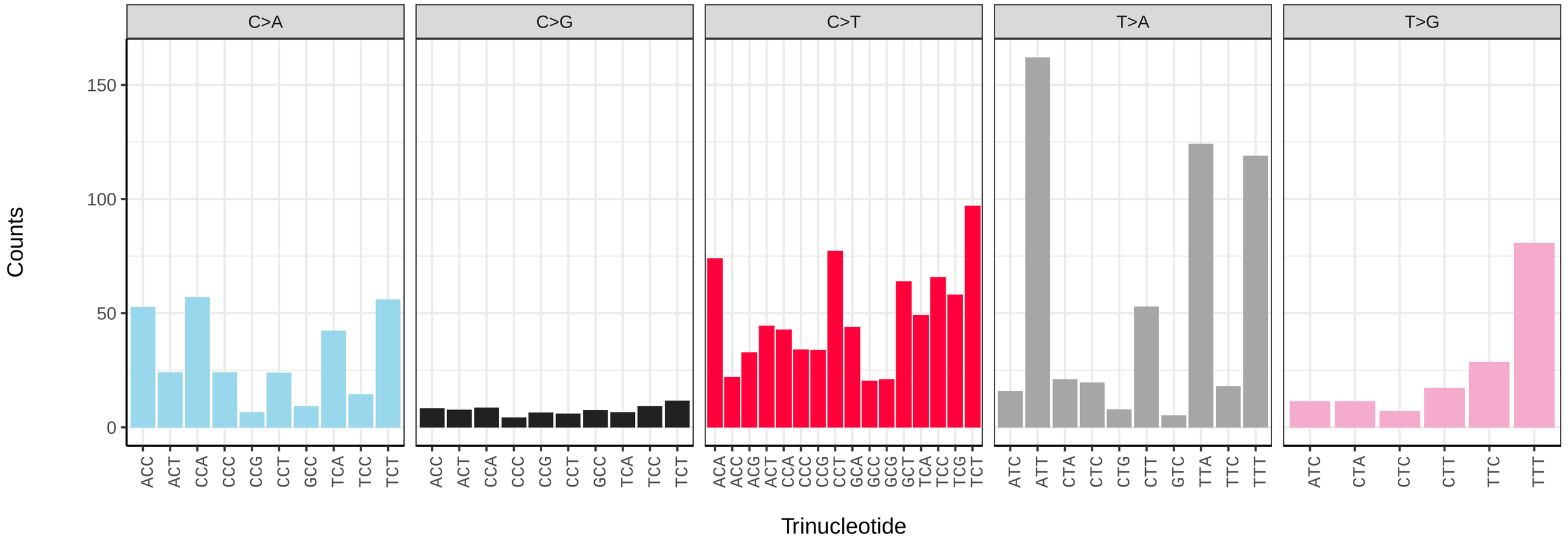
Salix caprea (ddSalCapr1) germline mutational spectrum



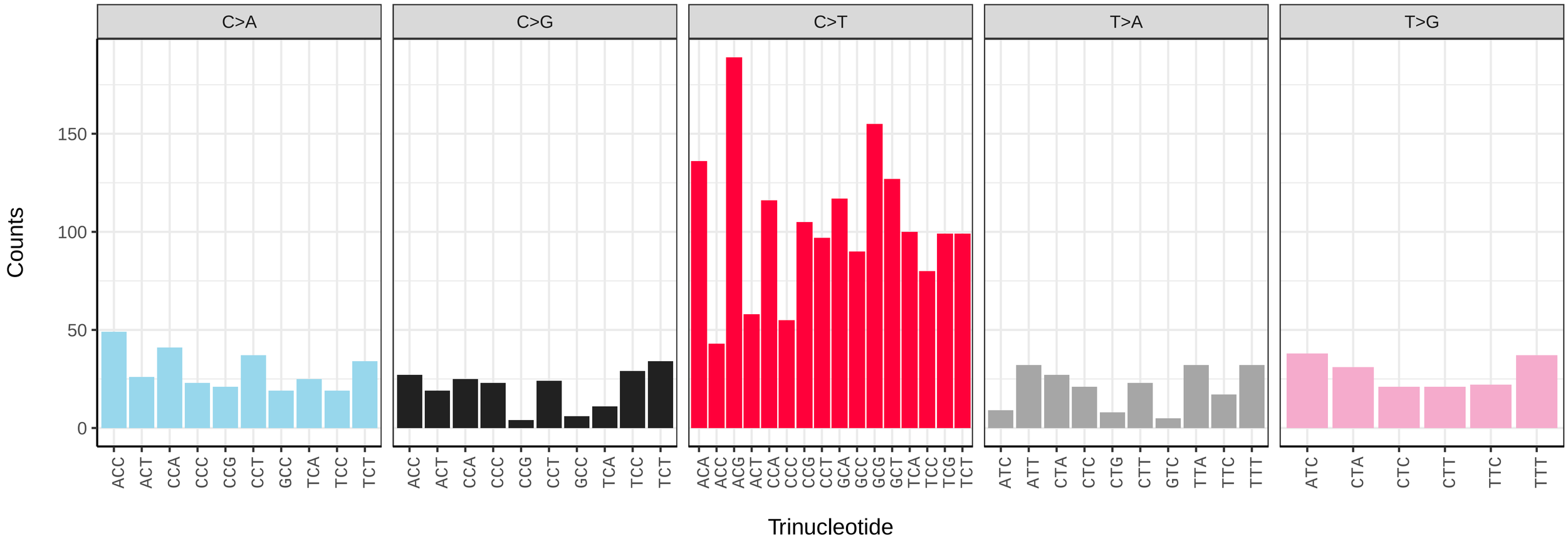
Salix caprea (ddSalCapr1) somatic mutational spectrum (SBS96 classification)



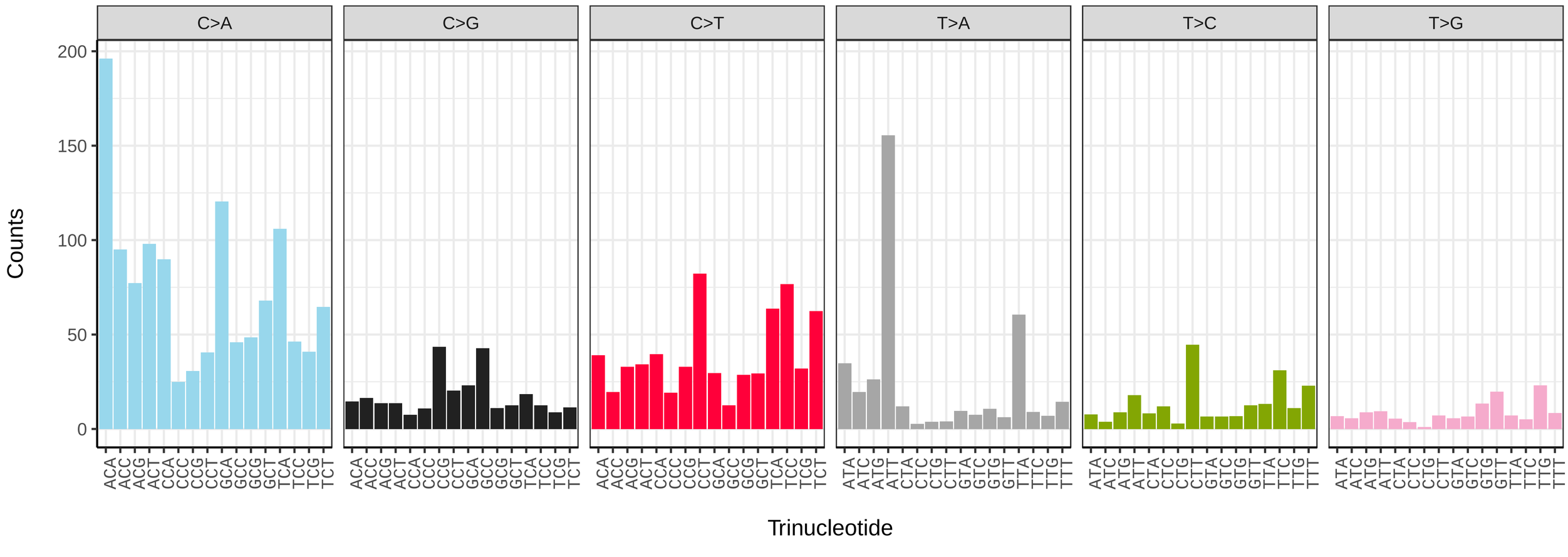
Salix caprea (ddSalCapr1) somatic mutational spectrum (SBS52 classification)



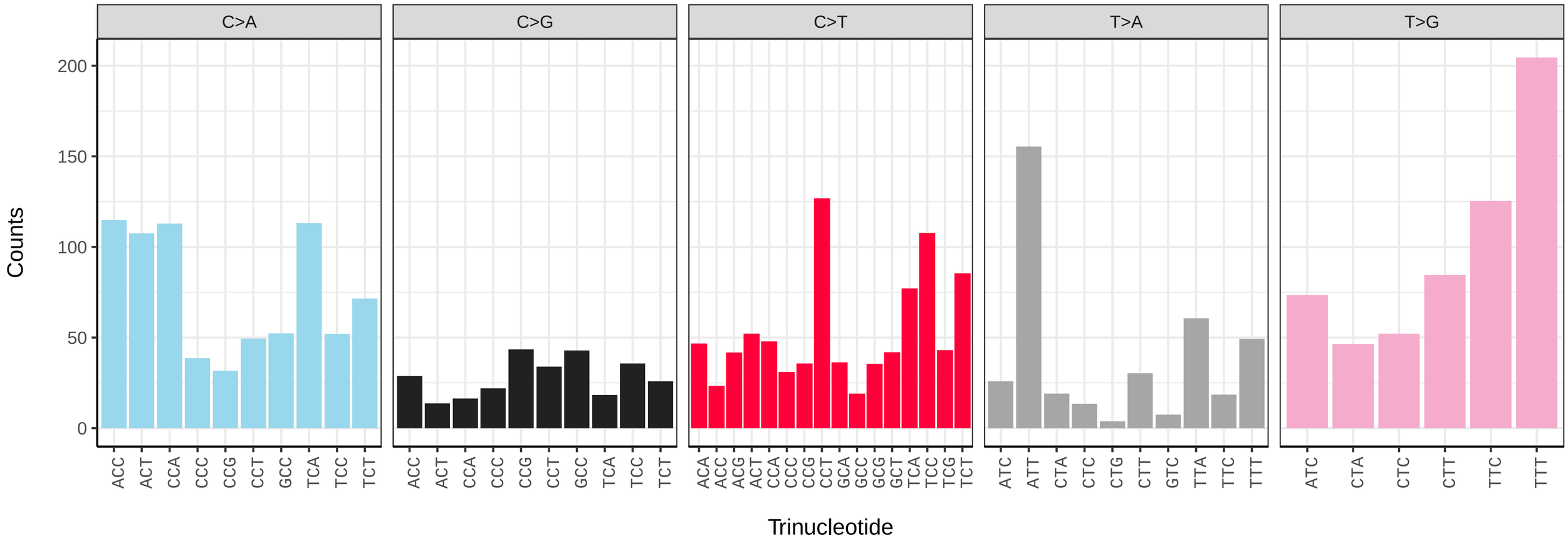
Viola odorata (ddVioOdor1) germline mutational spectrum



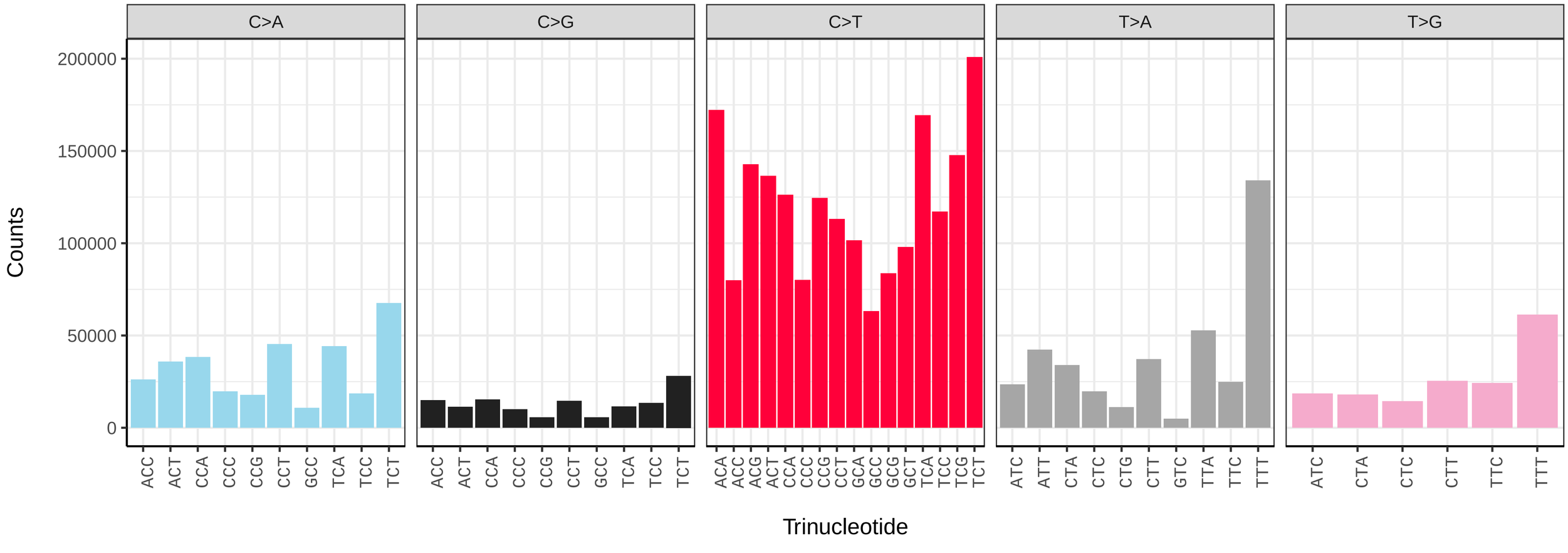
Viola odorata (ddVioOdor1) somatic mutational spectrum (SBS96 classification)



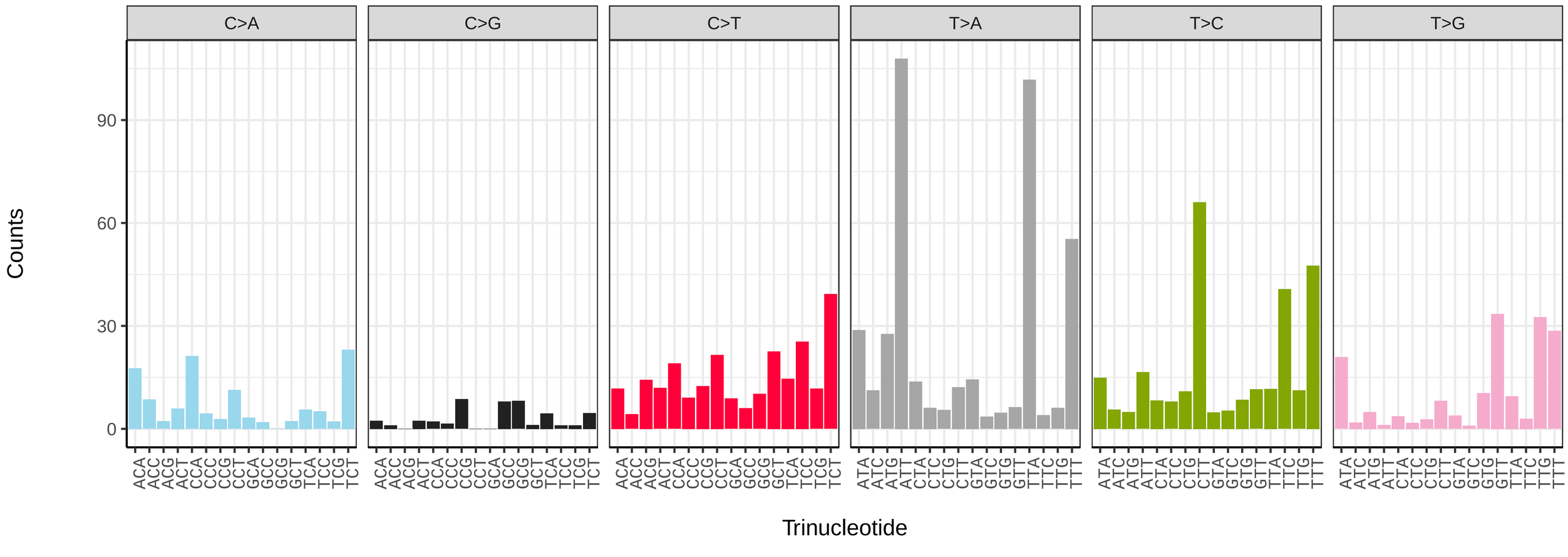
Viola odorata (ddVioOdor1) somatic mutational spectrum (SBS52 classification)



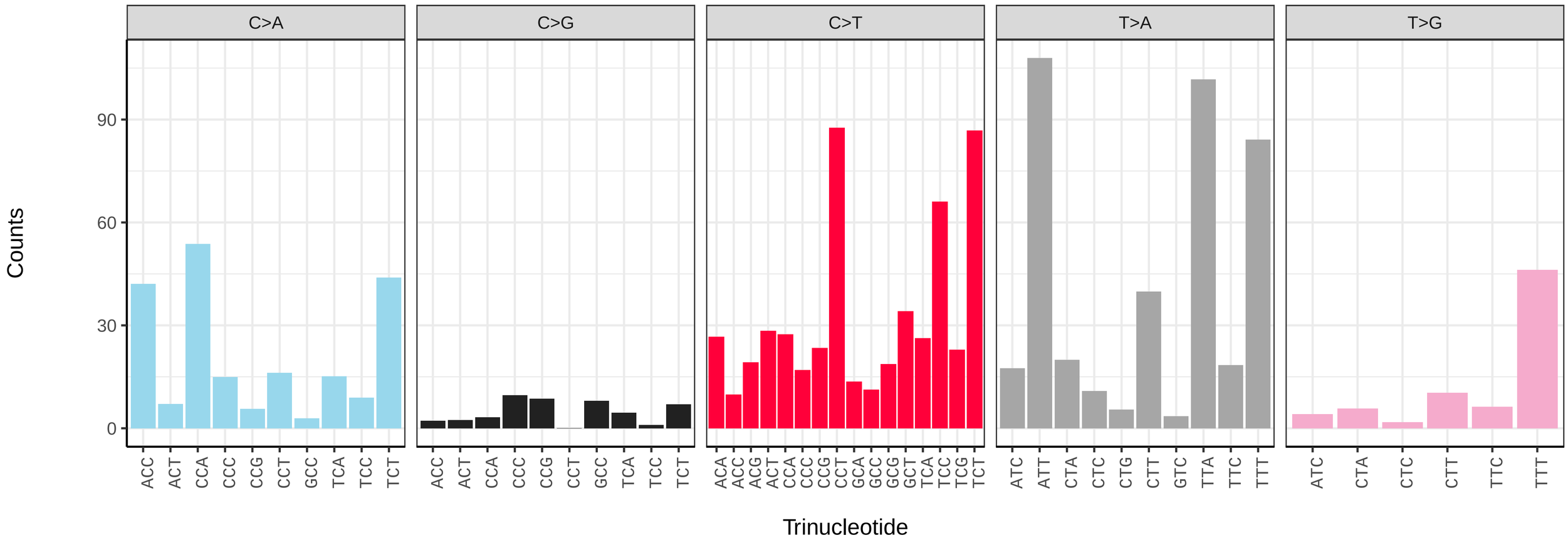
Alnus glutinosa (dhAlnGlut1) germline mutational spectrum



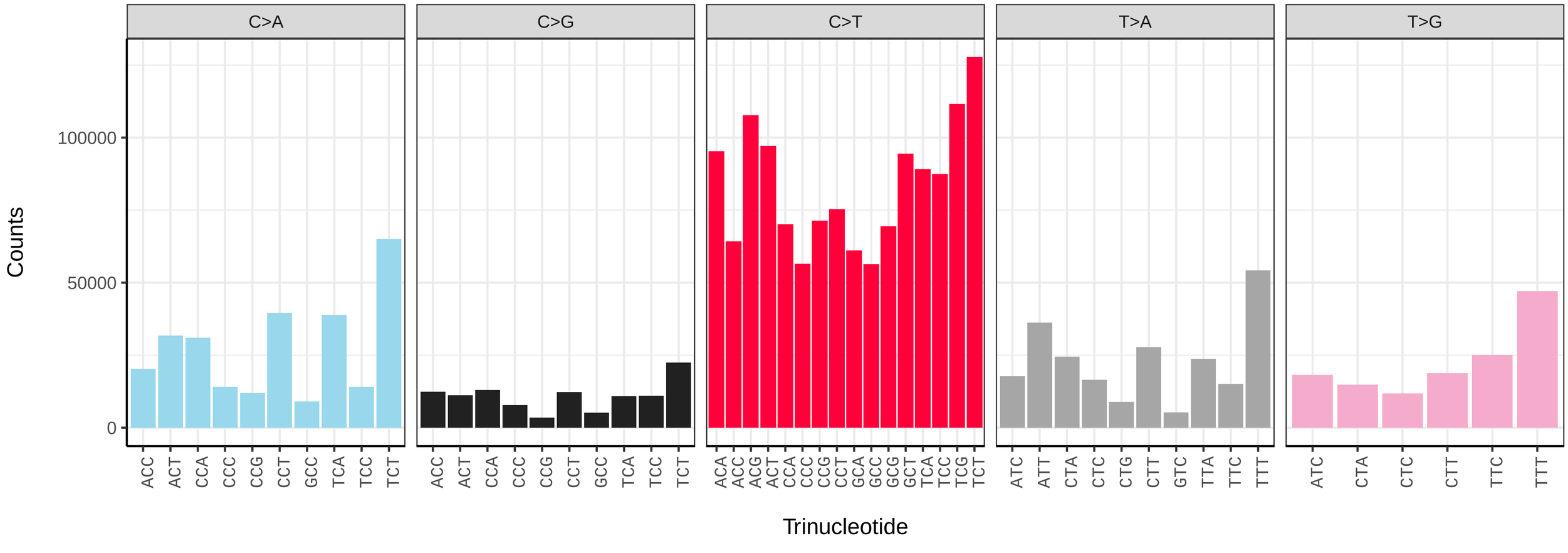
Alnus glutinosa (dhAlnGlut1) somatic mutational spectrum (SBS96 classification)



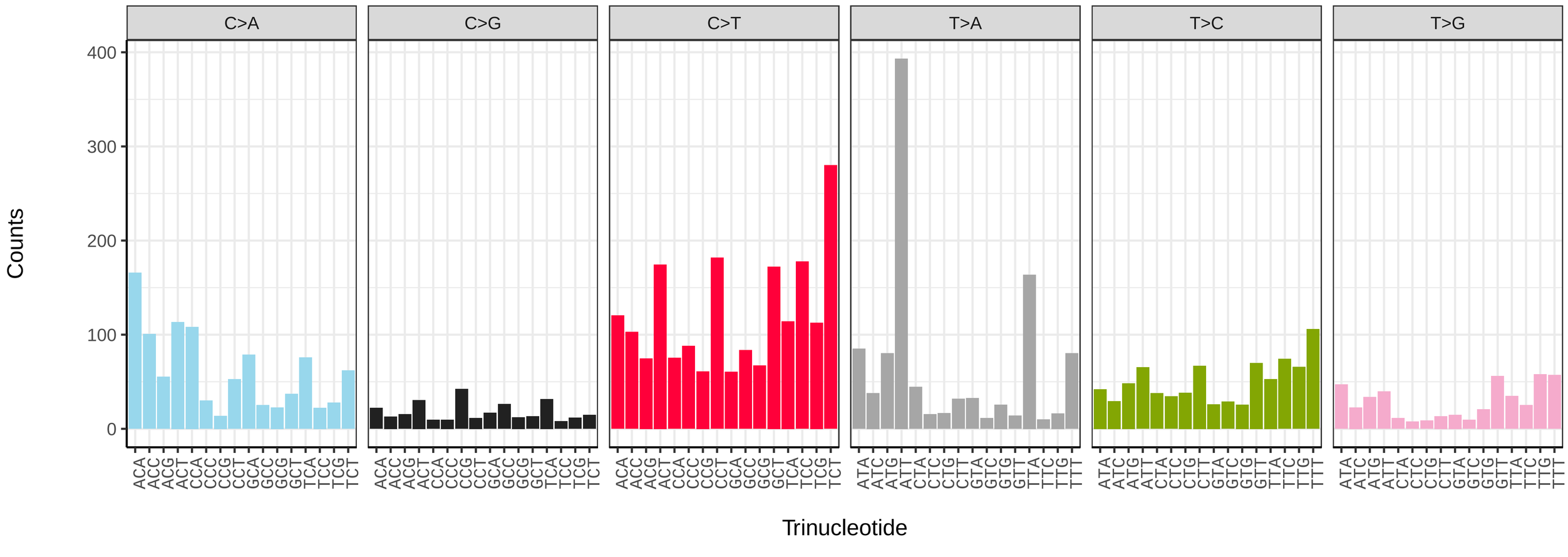
Alnus glutinosa (dhAlnGlut1) somatic mutational spectrum (SBS52 classification)



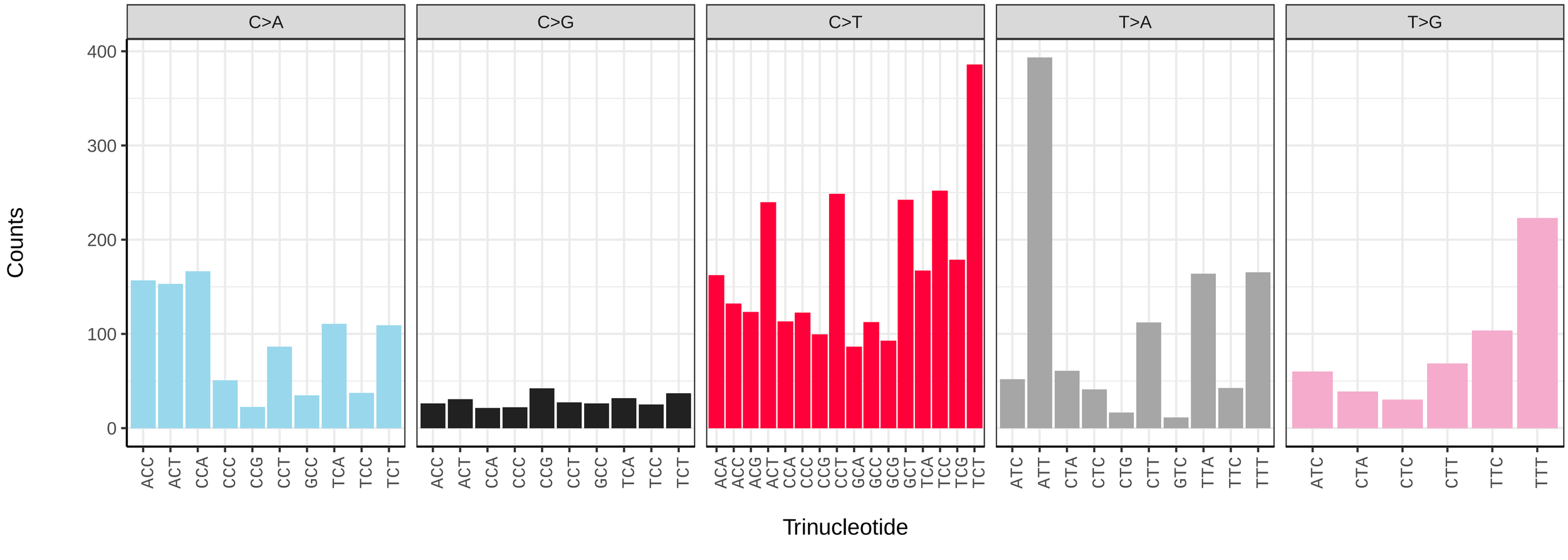
Berberis vulgaris (dmBerVulg1) germline mutational spectrum



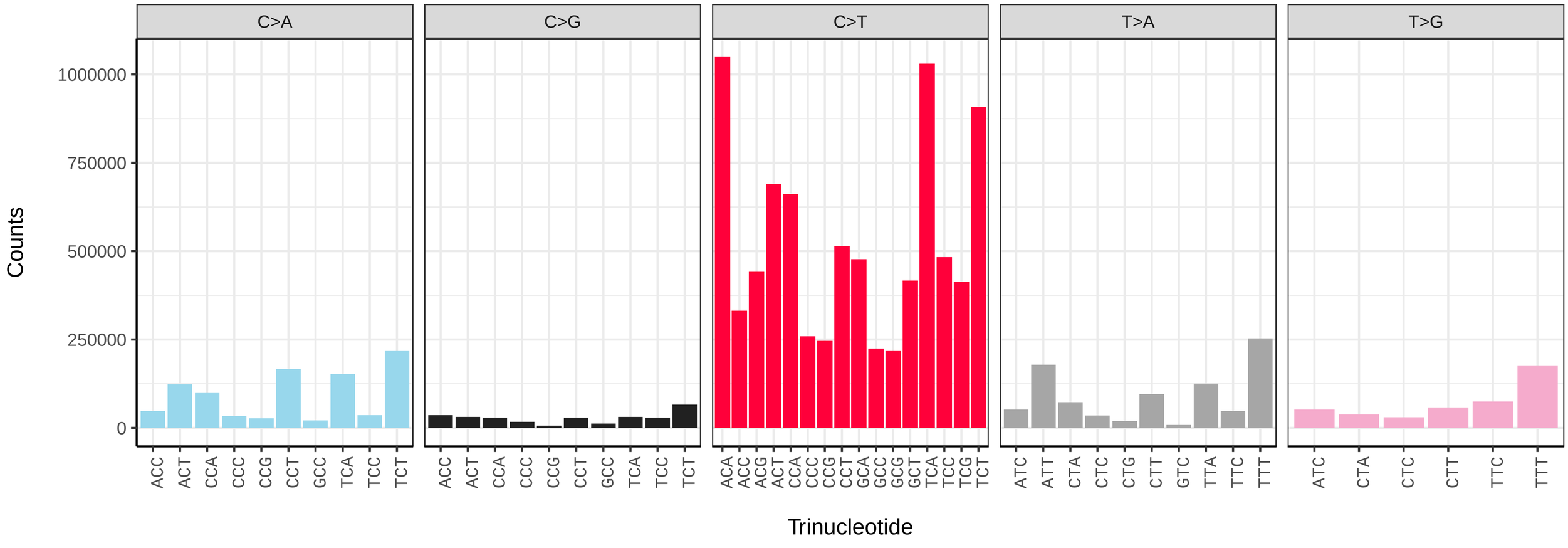
Berberis vulgaris (dmBerVulg1) somatic mutational spectrum (SBS96 classification)



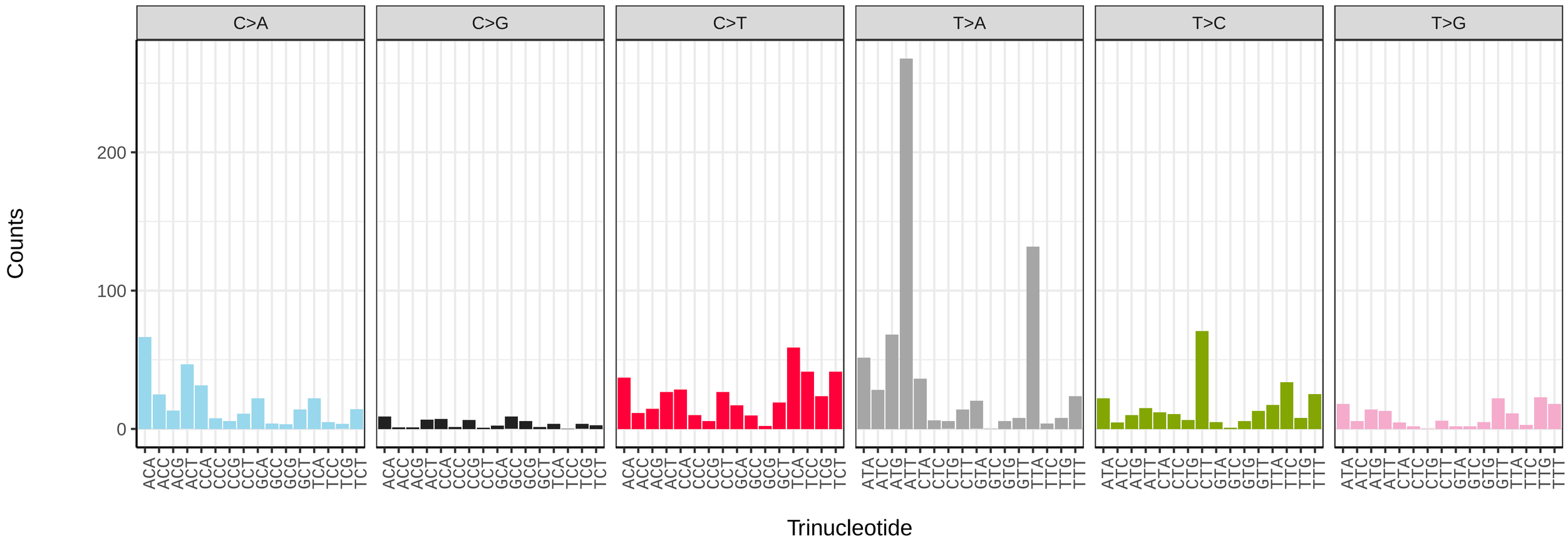
Berberis vulgaris (dmBerVulg1) somatic mutational spectrum (SBS52 classification)



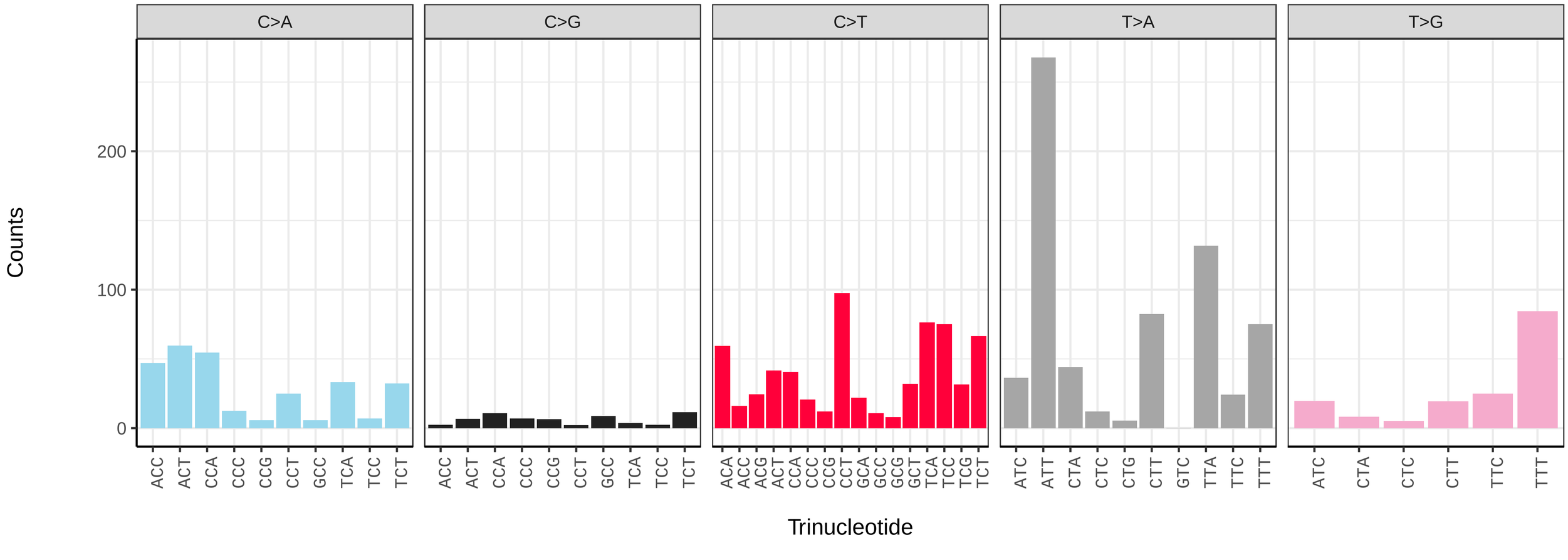
Ailanthus altissima (drAilAlti1) germline mutational spectrum



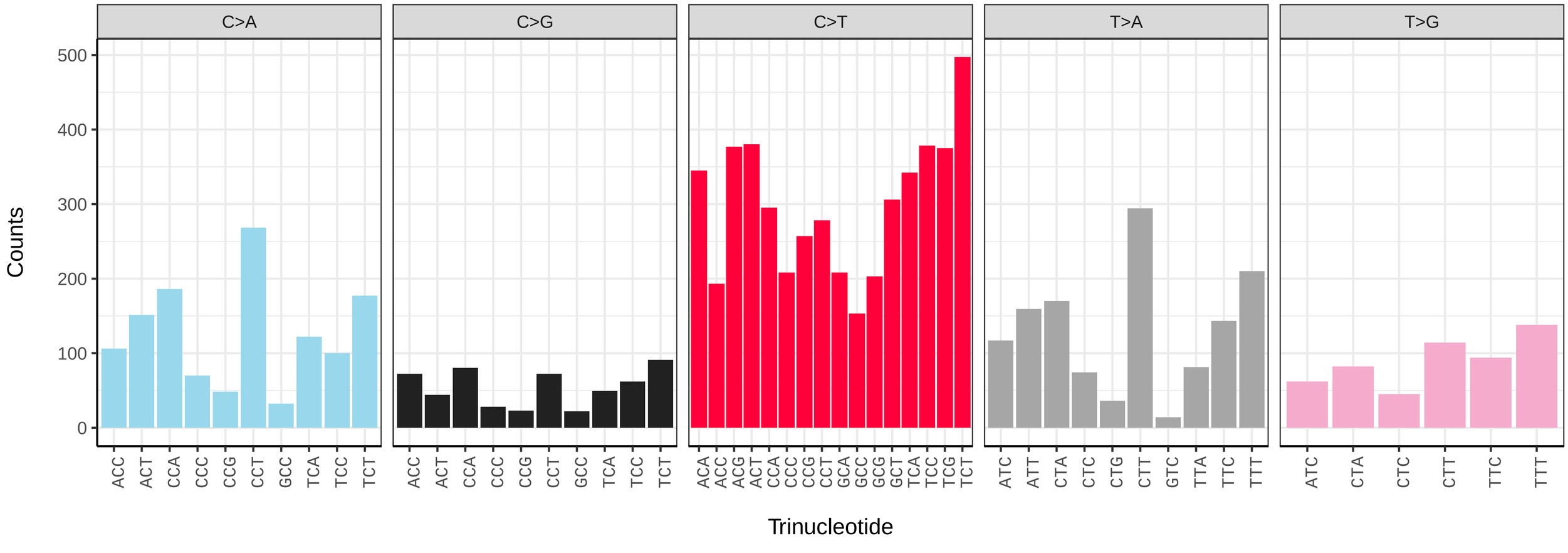
Ailanthus altissima (drAilAlti1) somatic mutational spectrum (SBS96 classification)



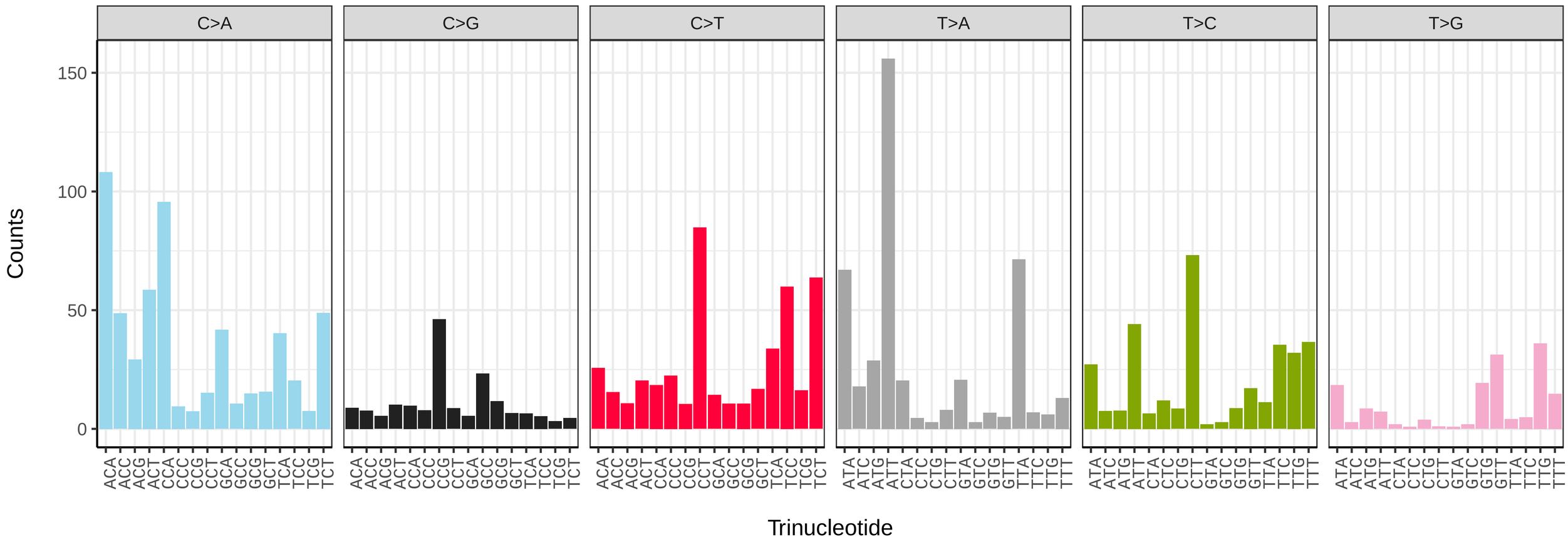
Ailanthus altissima (drAilAlti1) somatic mutational spectrum (SBS52 classification)



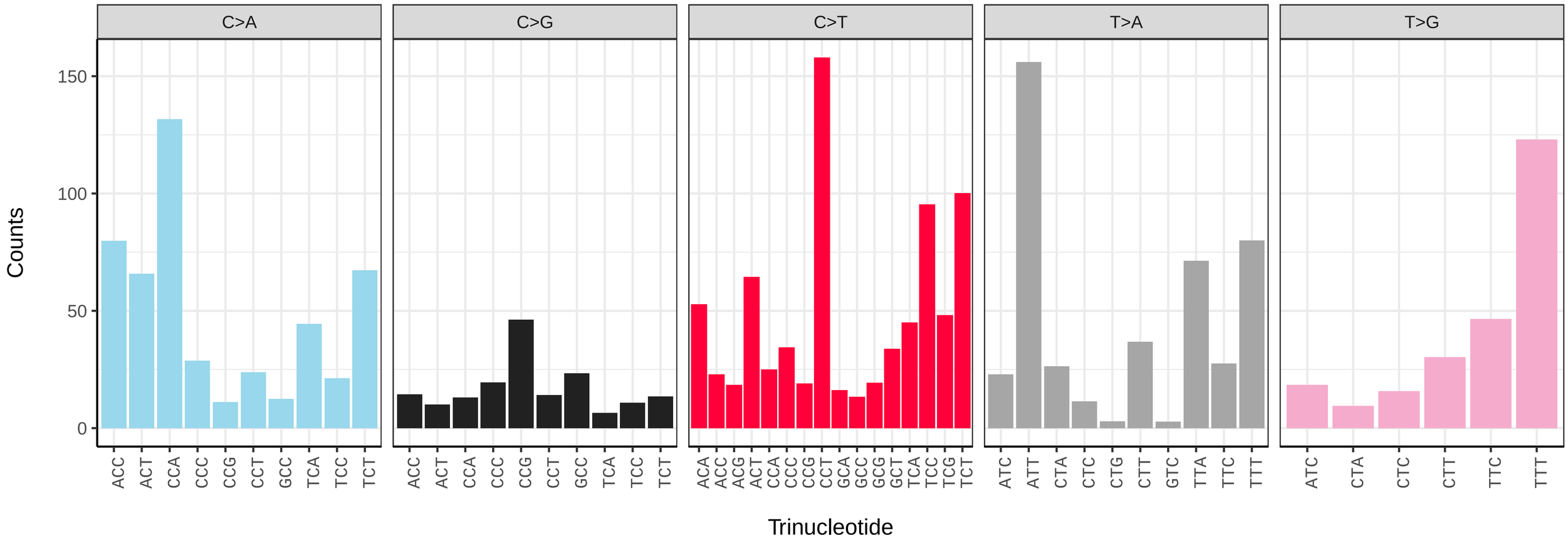
Astragalus glycyphyllos (drAstGlyc1) germline mutational spectrum



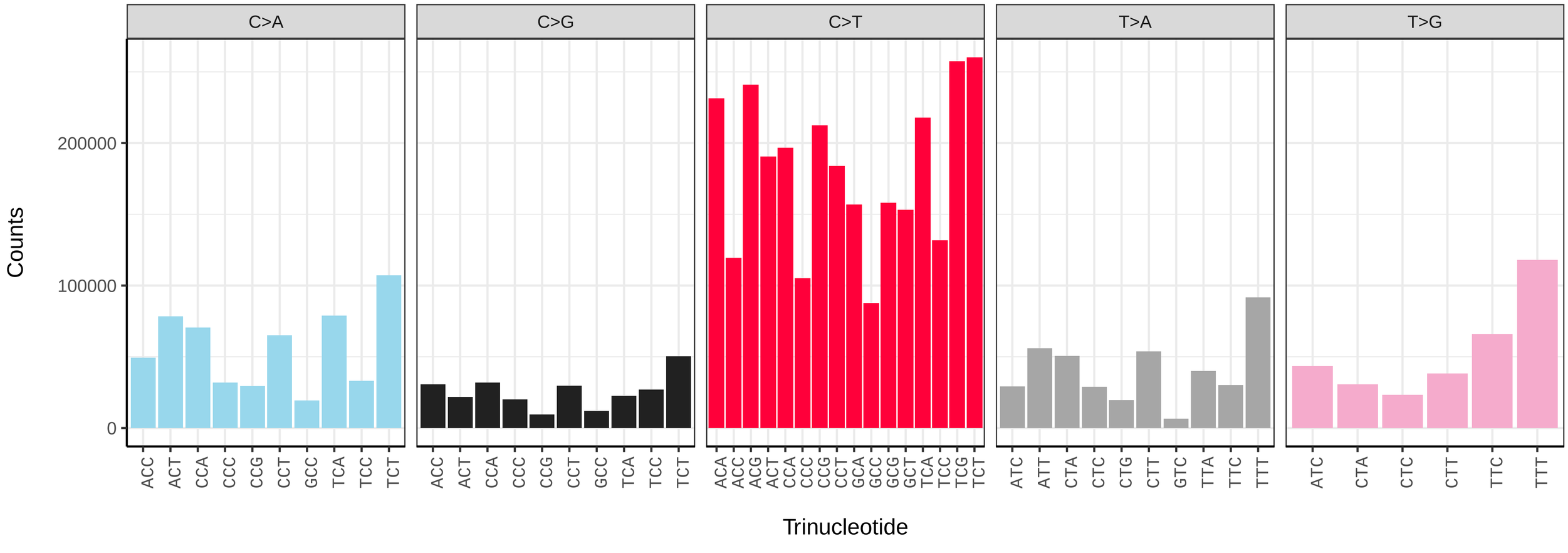
Astragalus glycyphyllos (drAstGlyc1) somatic mutational spectrum (SBS96 classification)



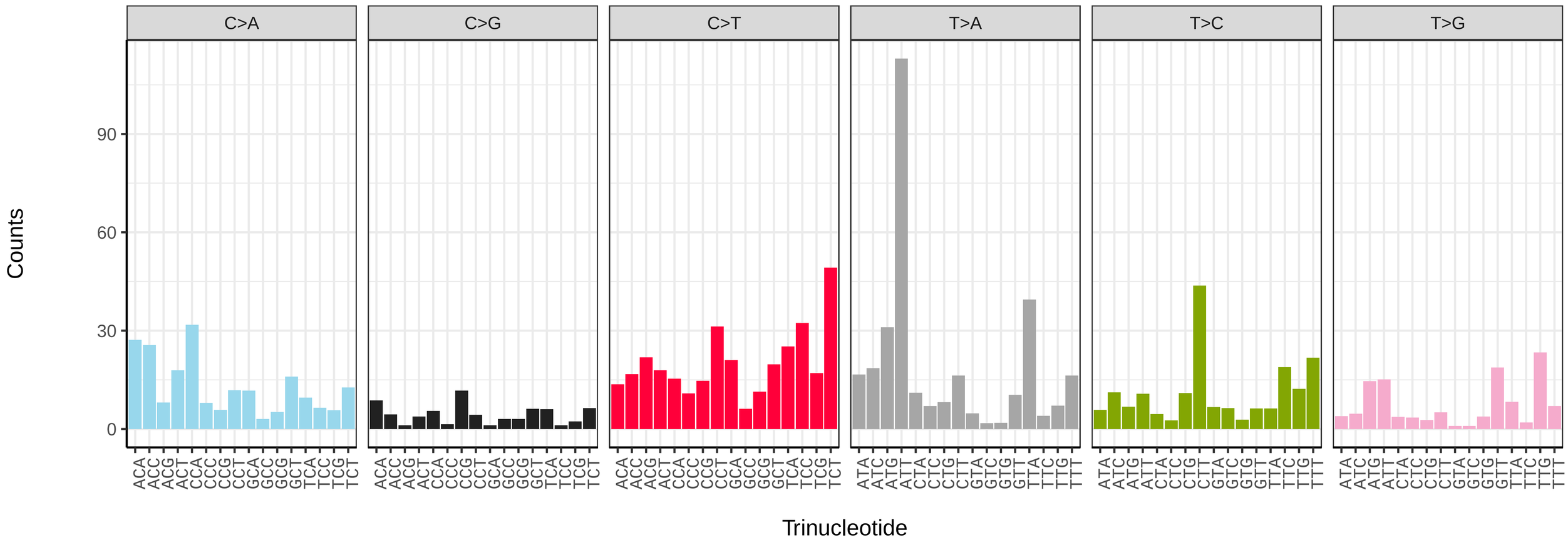
Astragalus glycyphyllos (drAstGlyc1) somatic mutational spectrum (SBS52 classification)



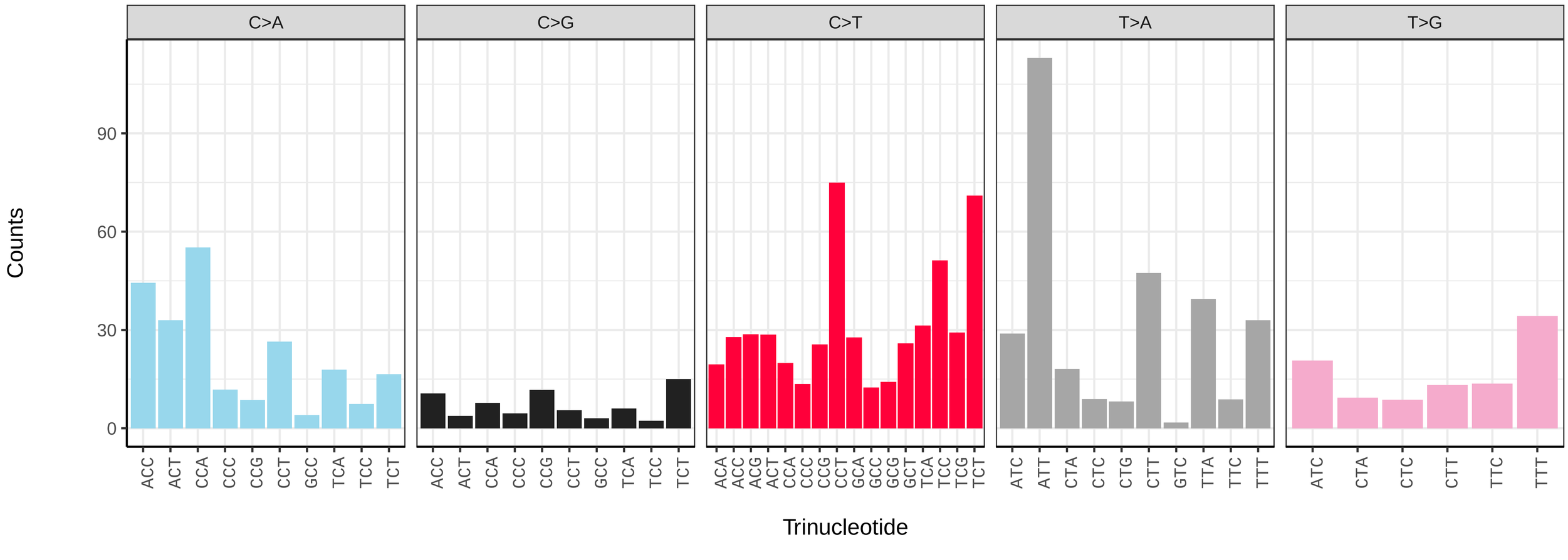
Buxus sempervirens (drBuxSemp1) germline mutational spectrum



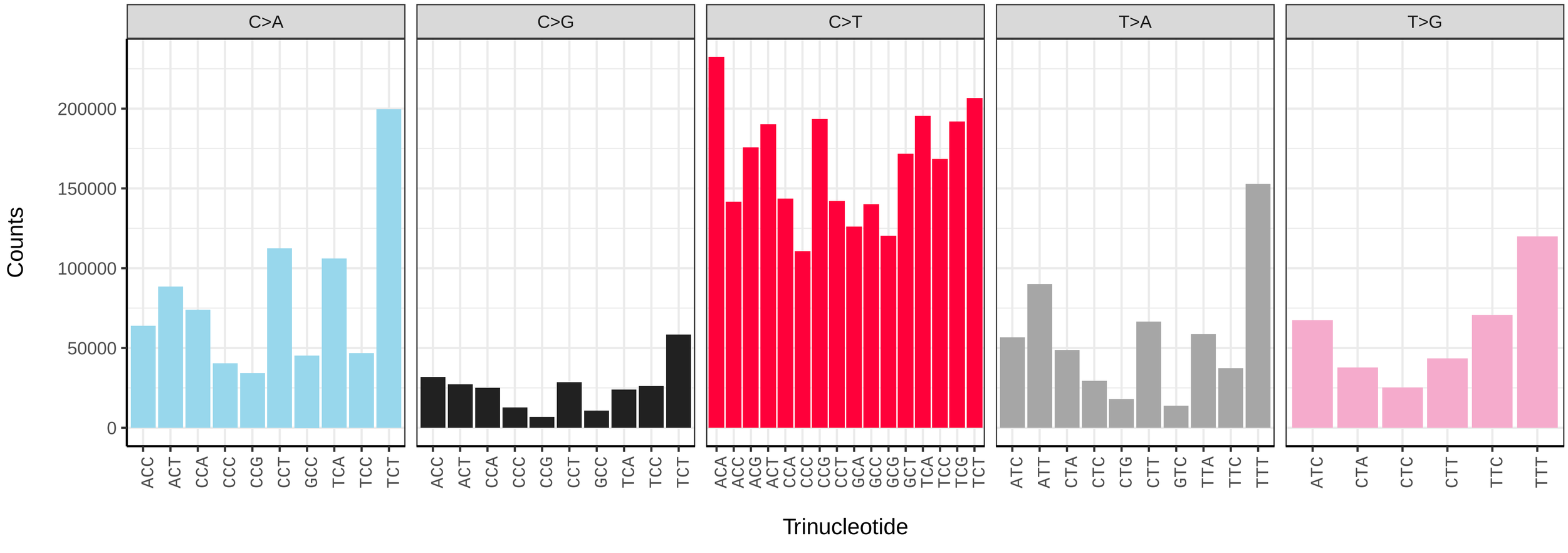
Buxus sempervirens (drBuxSemp1) somatic mutational spectrum (SBS96 classification)



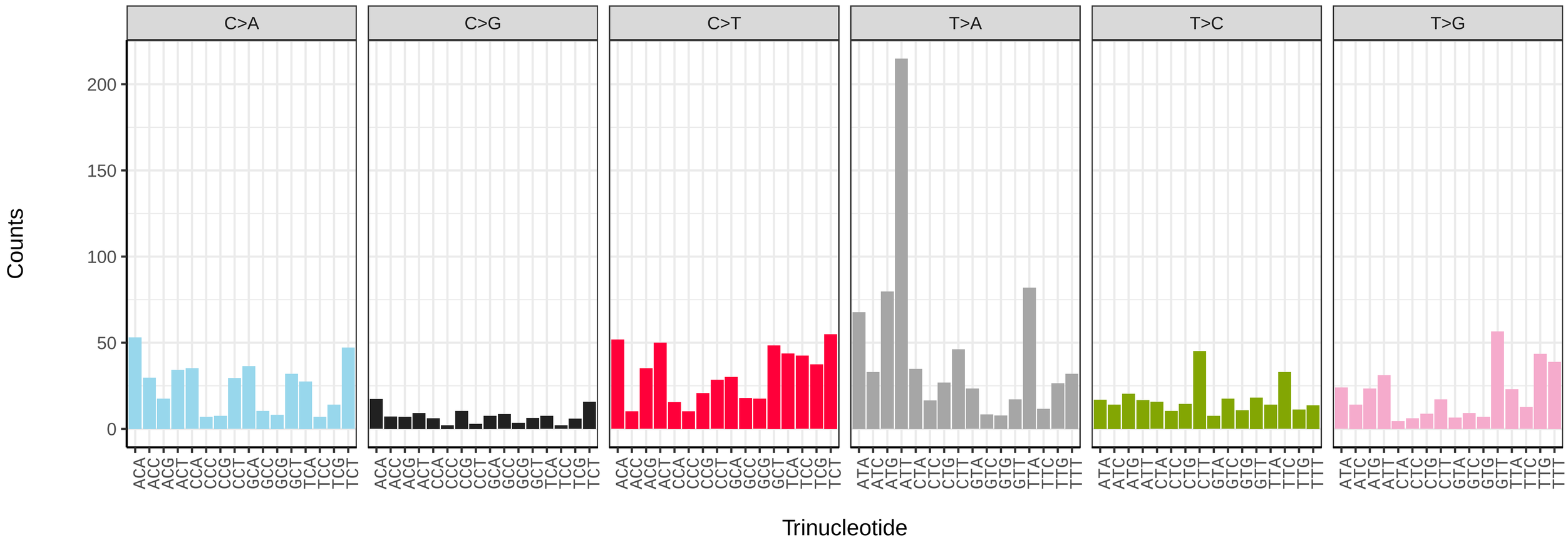
Buxus sempervirens (drBuxSemp1) somatic mutational spectrum (SBS52 classification)



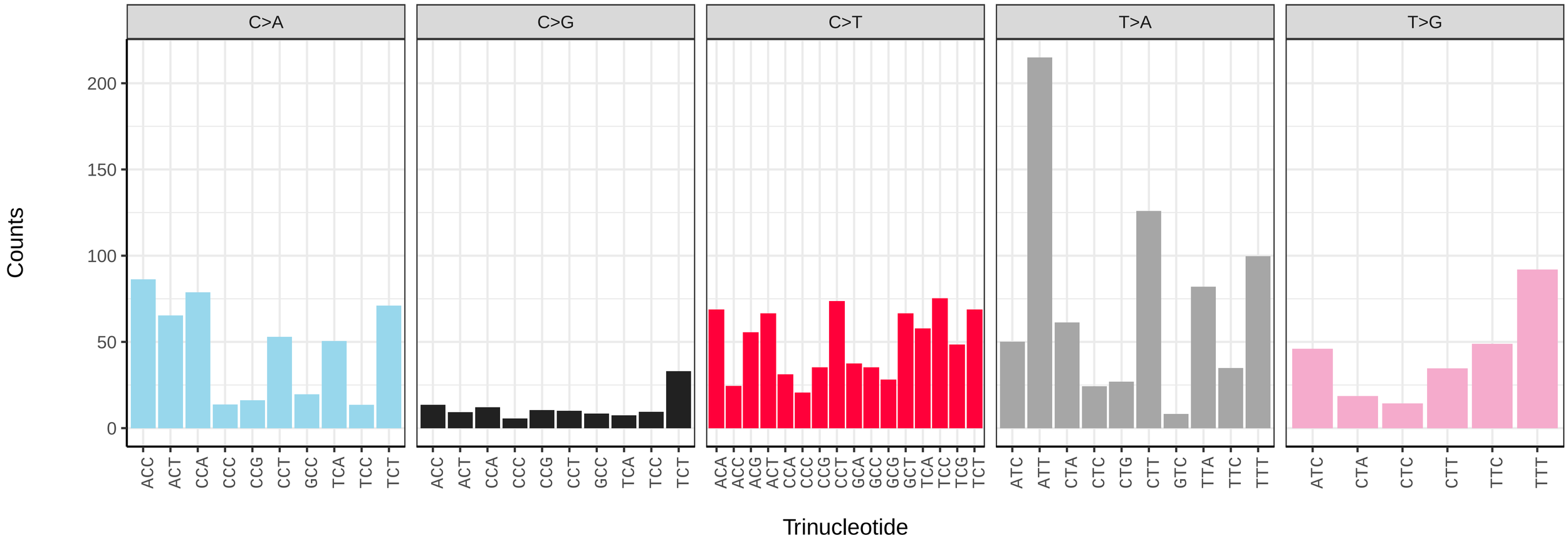
Chamaenerion angustifolium (drChaAngu1) germline mutational spectrum



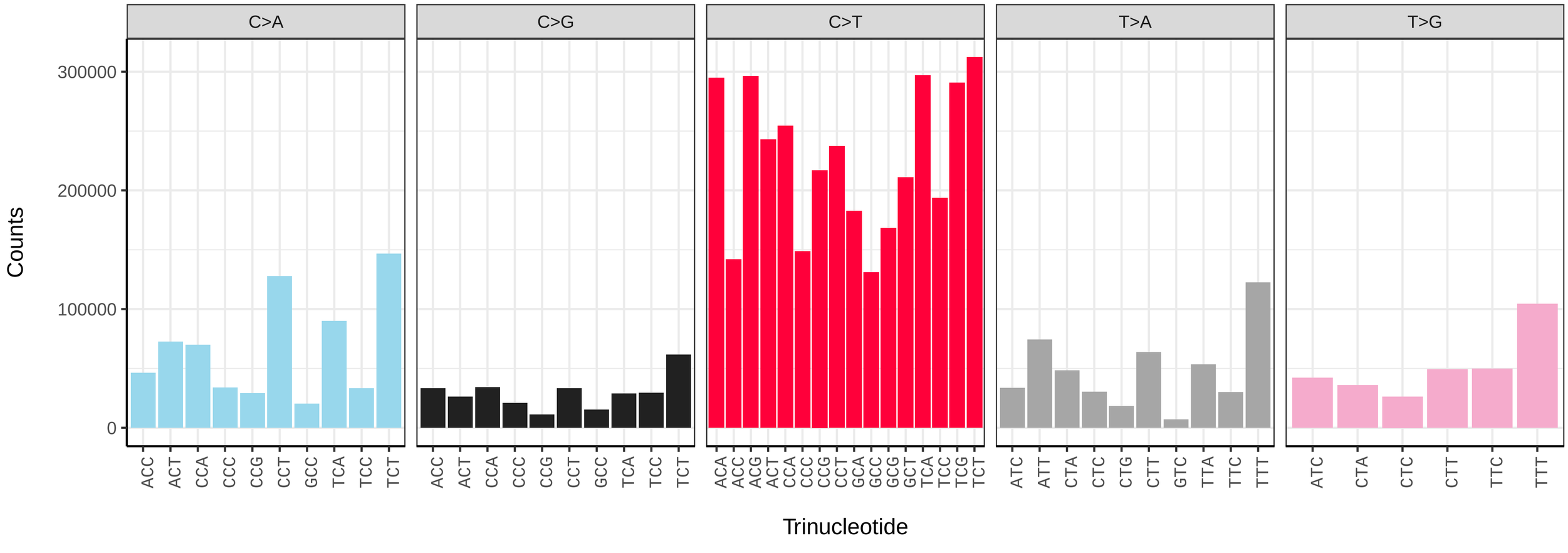
Chamaenerion angustifolium (drChaAngu1) somatic mutational spectrum (SBS96 classification)



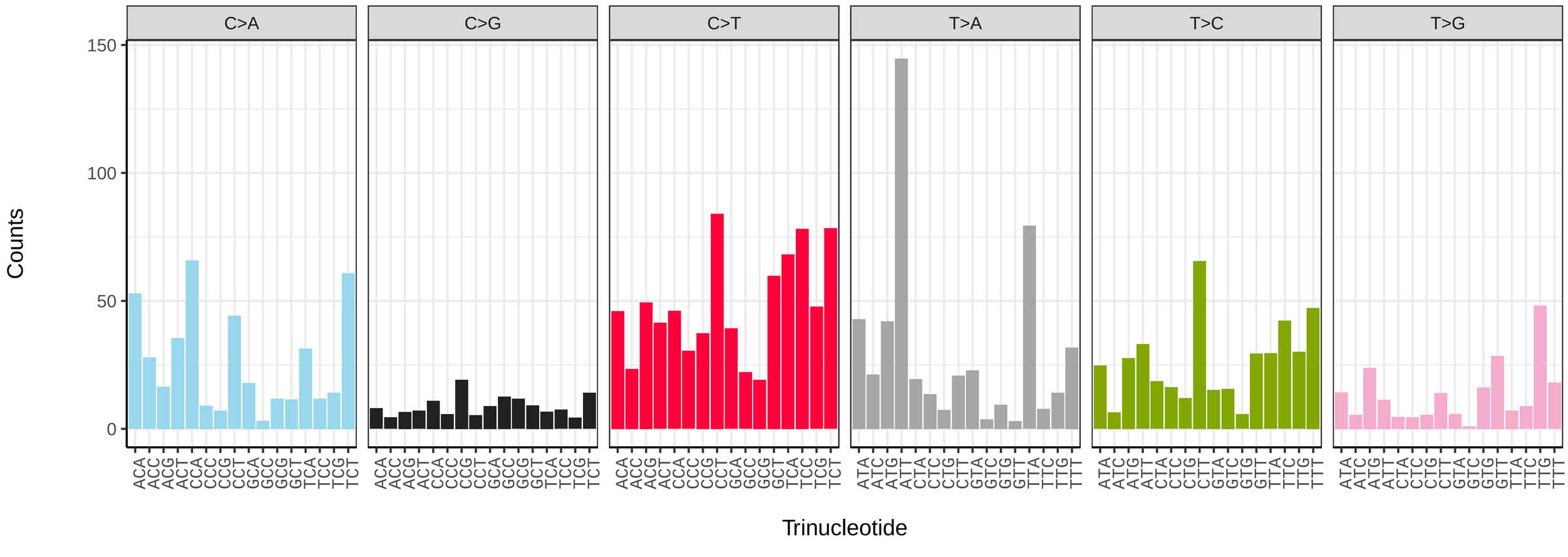
Chamaenerion angustifolium (drChaAngu1) somatic mutational spectrum (SBS52 classification)



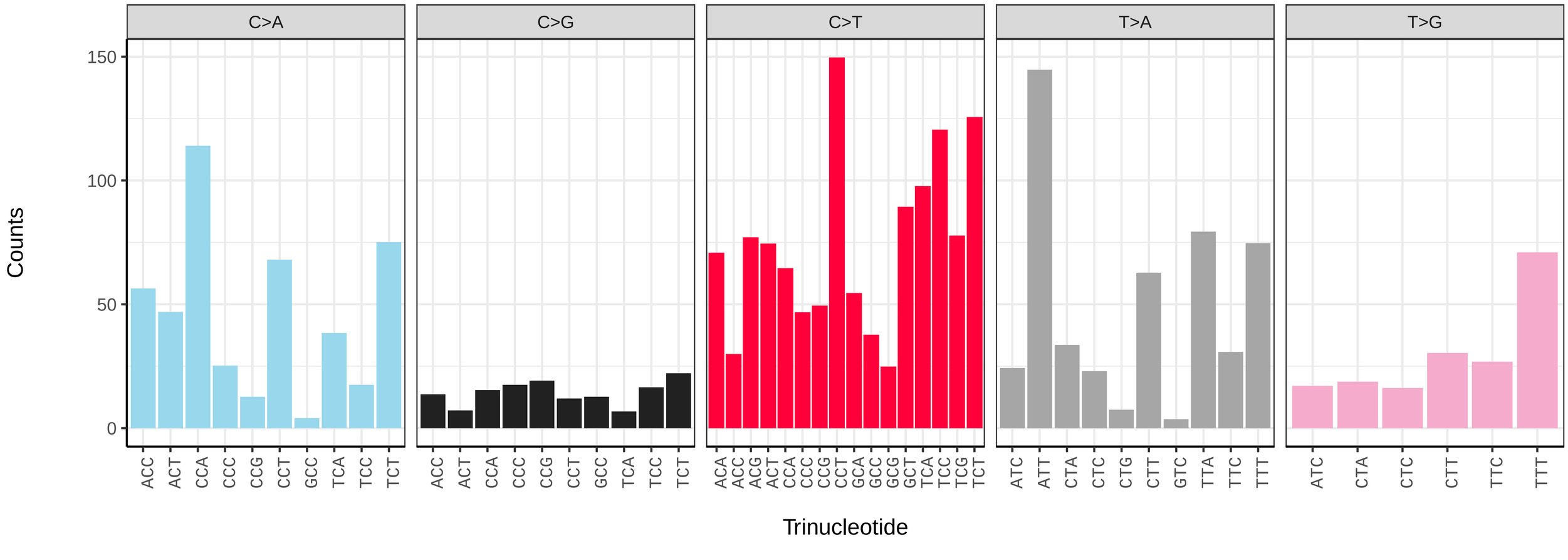
Crataegus laevigata (drCraLaev2) germline mutational spectrum



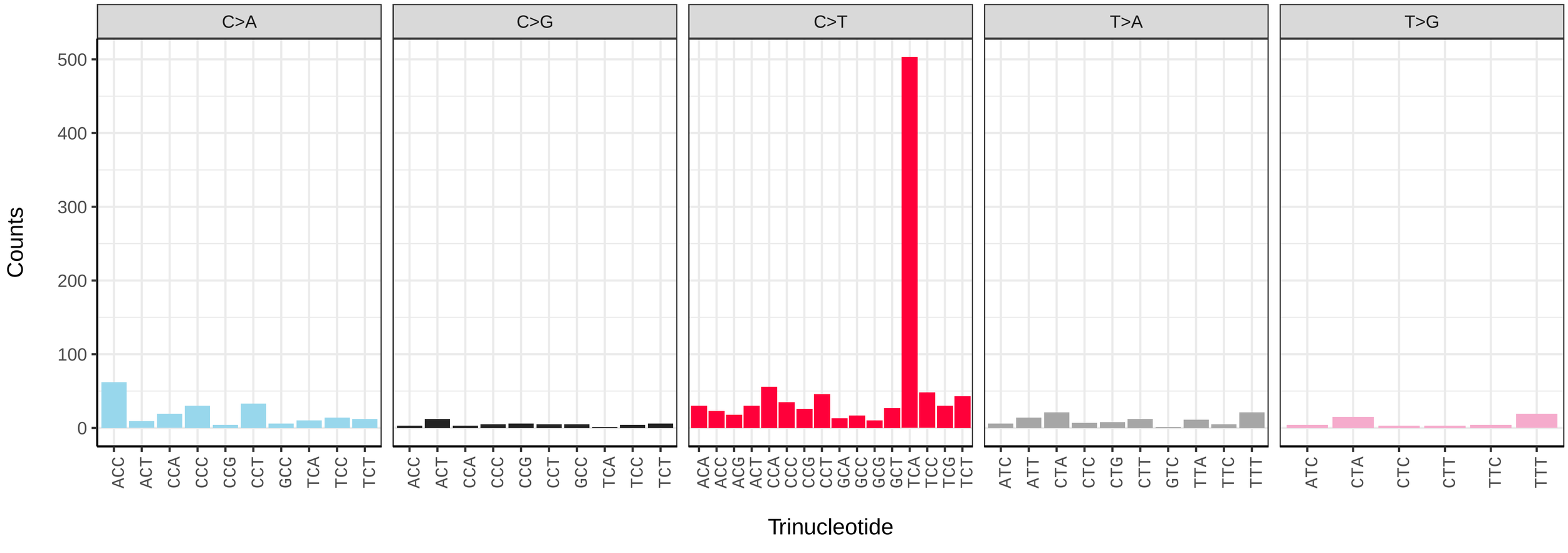
Crataegus laevigata (drCraLaev2) somatic mutational spectrum (SBS96 classification)



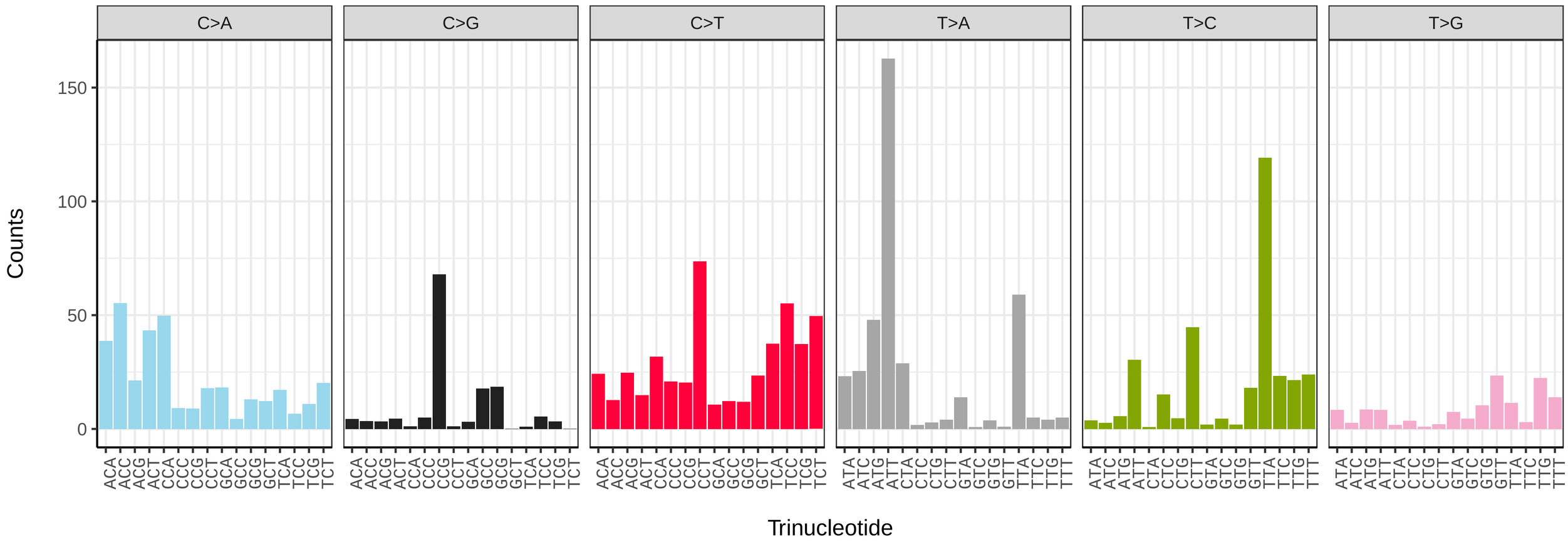
Crataegus laevigata (drCraLaev2) somatic mutational spectrum (SBS52 classification)



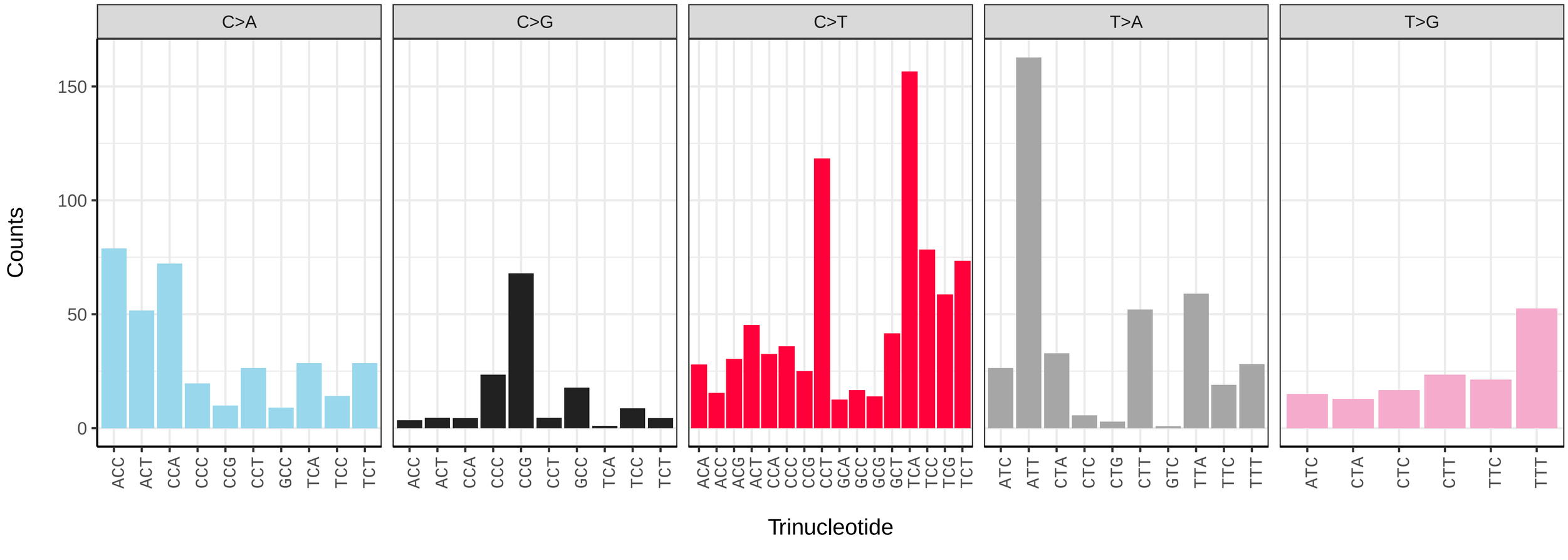
Erodium maritimum (drEroMari8) germline mutational spectrum



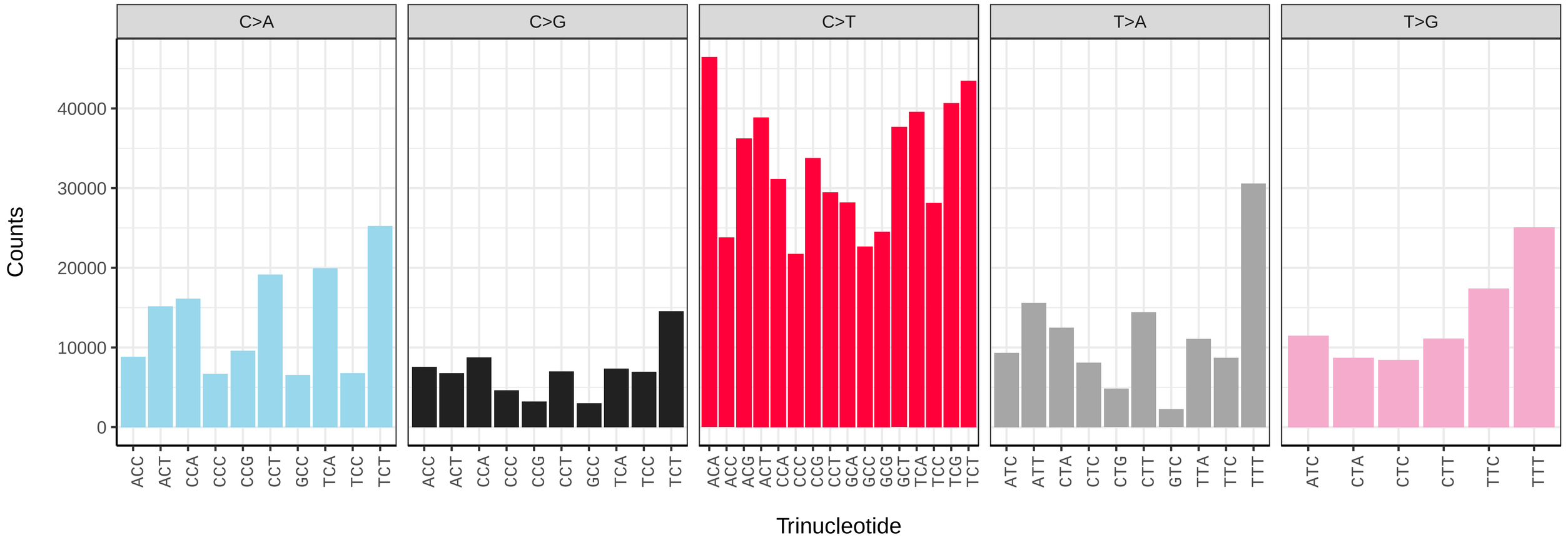
Erodium maritimum (drEroMari8) somatic mutational spectrum (SBS96 classification)



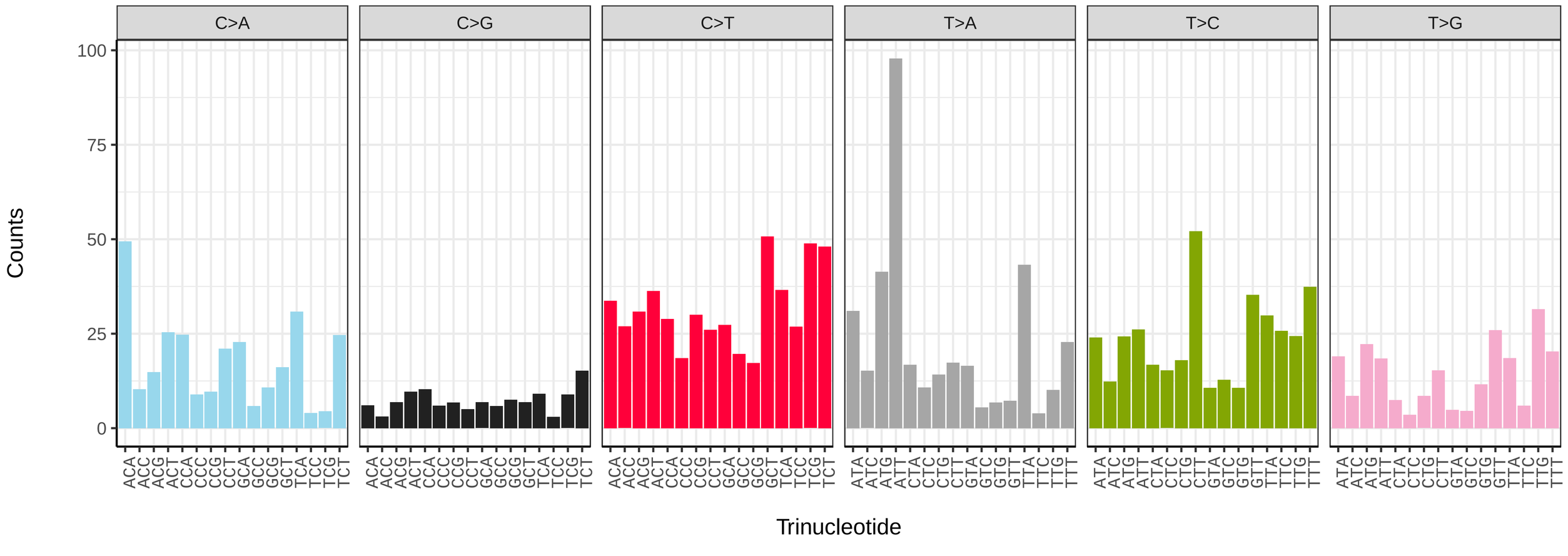
Erodium maritimum (drEroMari8) somatic mutational spectrum (SBS52 classification)



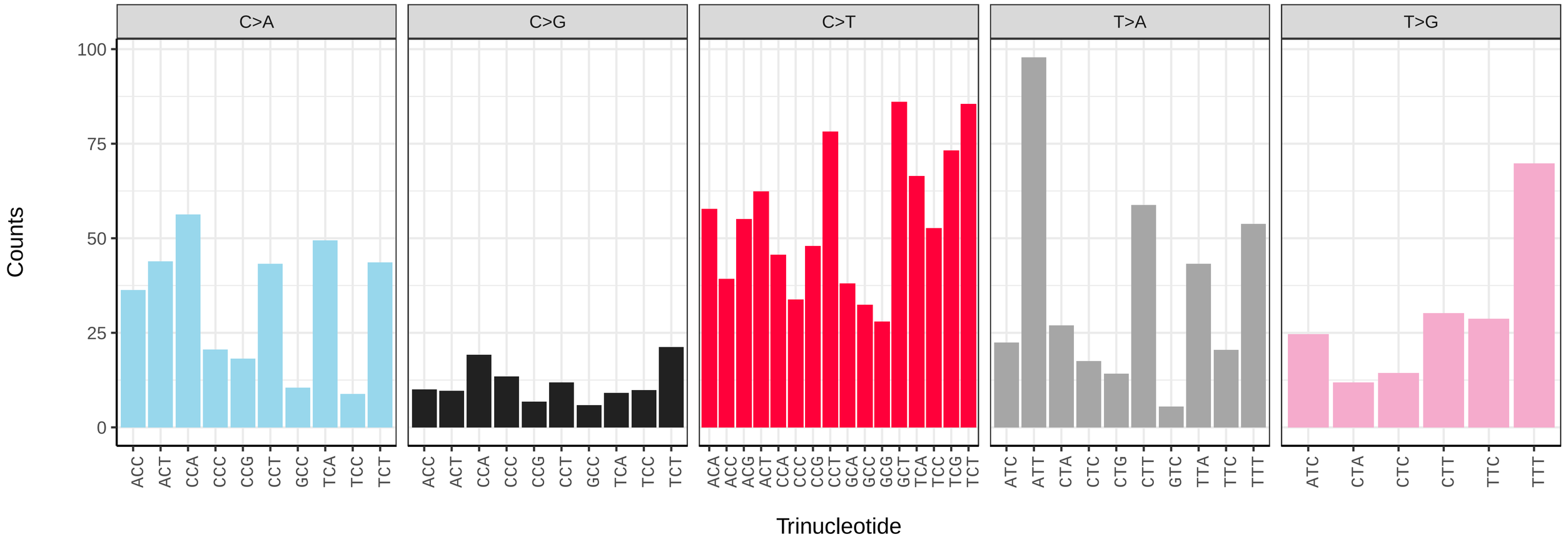
Filipendula ulmaria (drFilUlma1) germline mutational spectrum



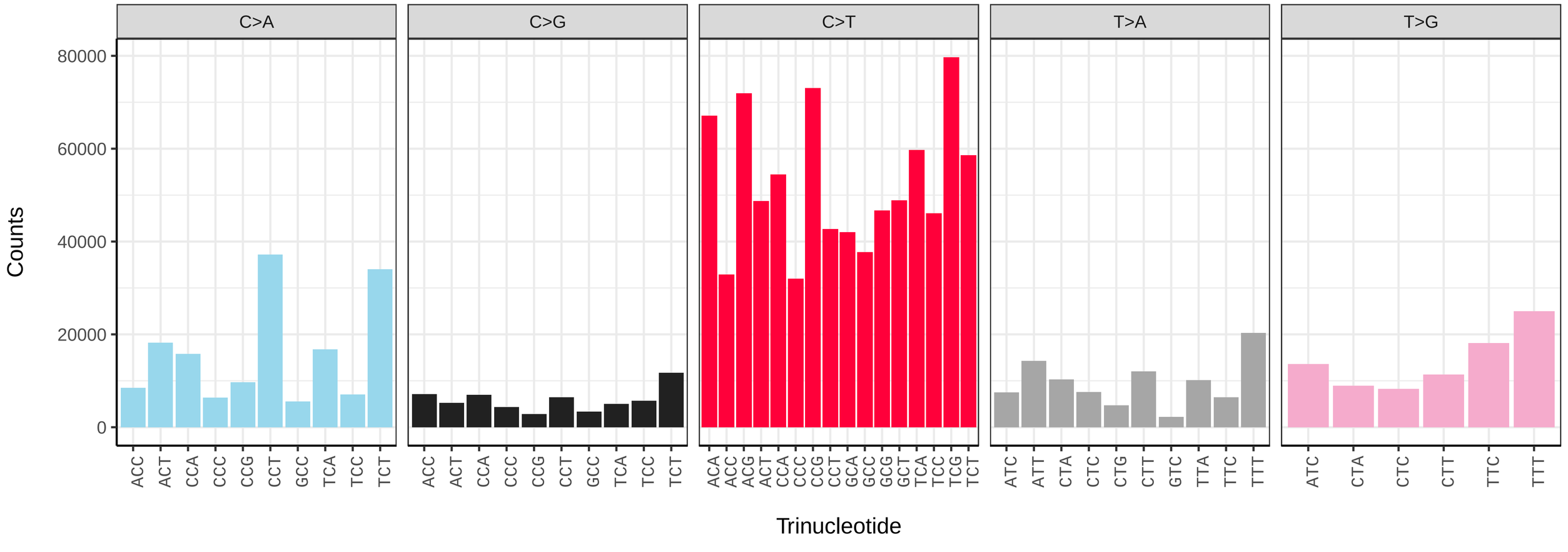
Filipendula ulmaria (drFilUlma1) somatic mutational spectrum (SBS96 classification)



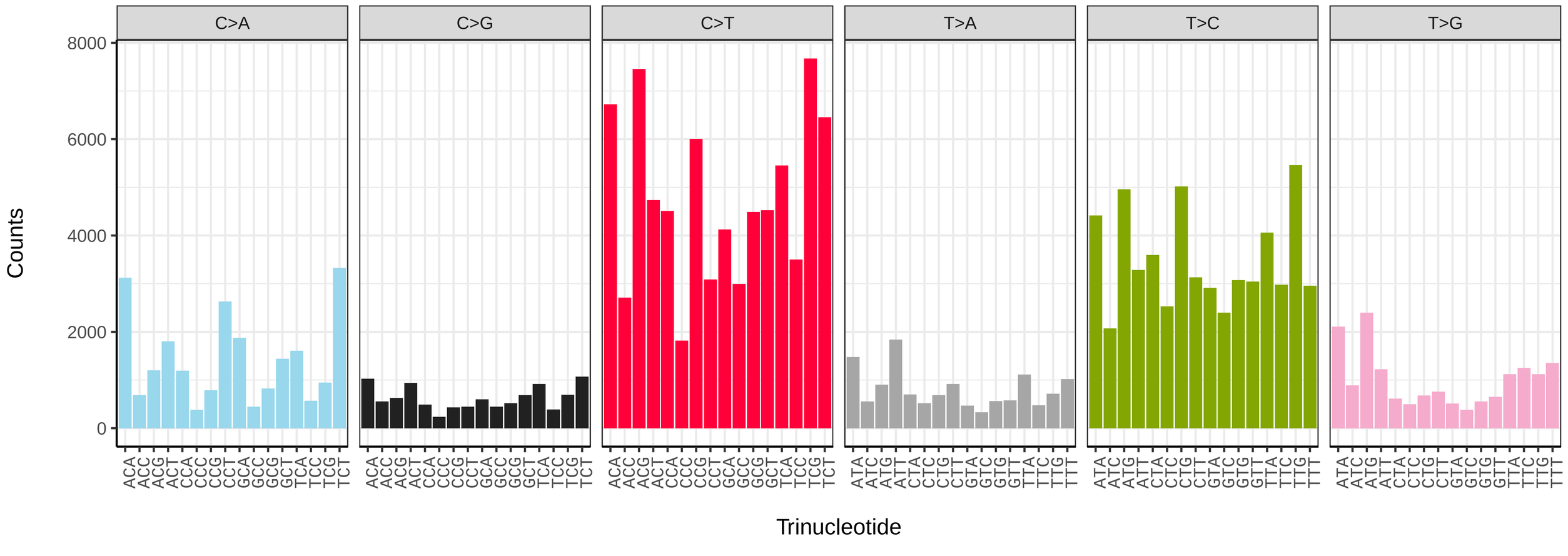
Filipendula ulmaria (drFilUlma1) somatic mutational spectrum (SBS52 classification)



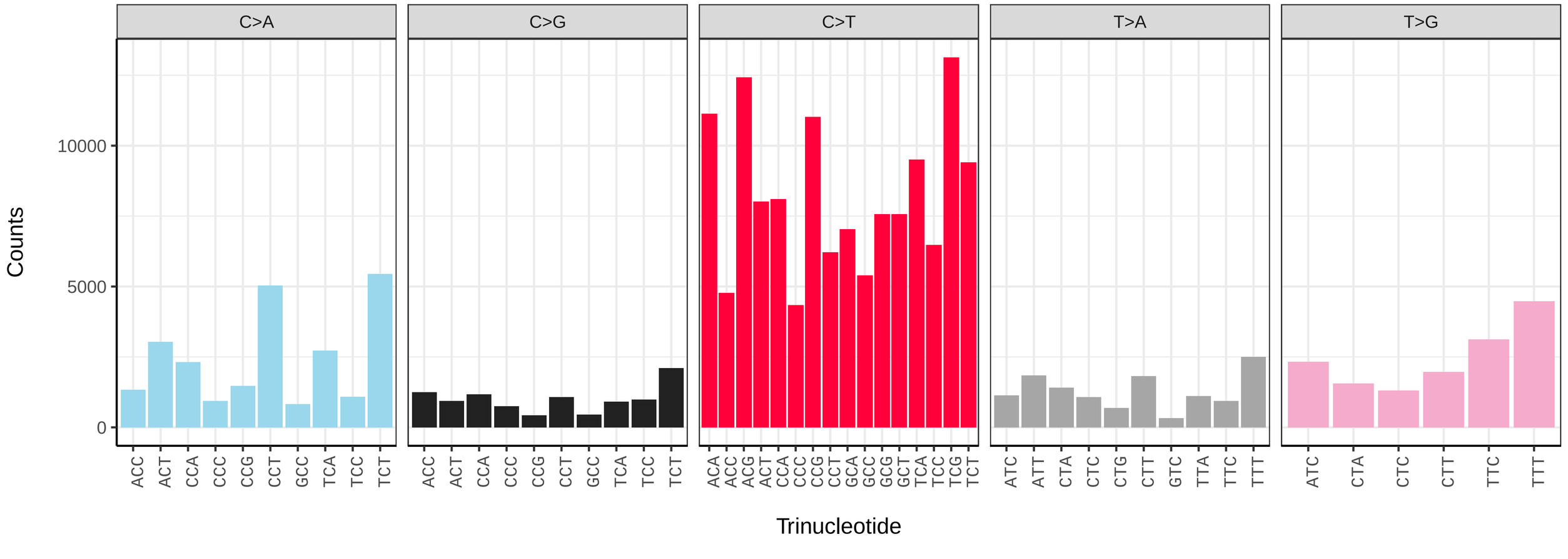
Geum urbanum (drGeuUrba1) germline mutational spectrum



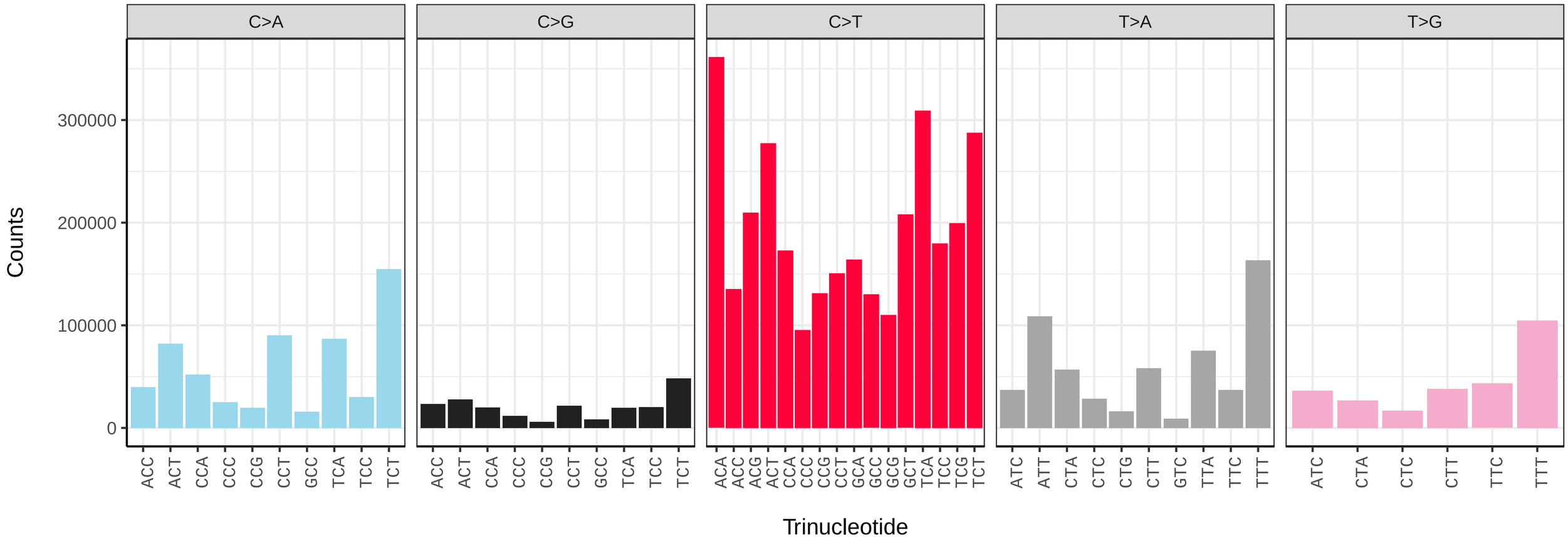
Geum urbanum (drGeuUrba1) somatic mutational spectrum (SBS96 classification)



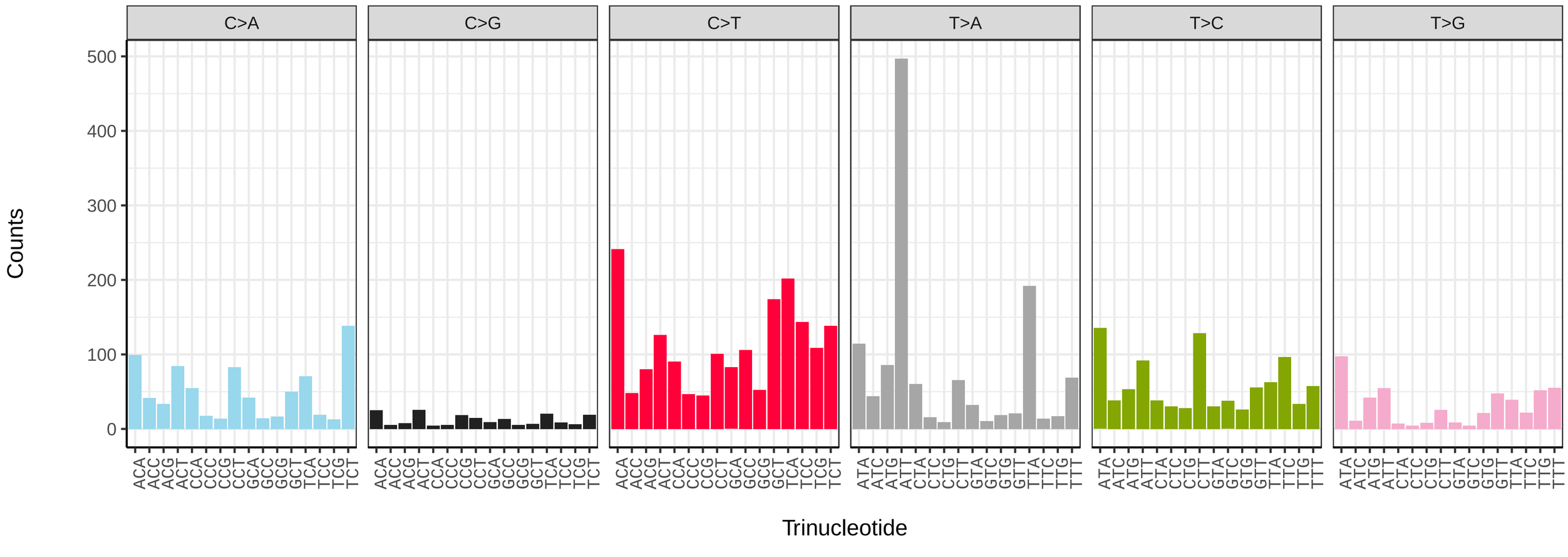
Geum urbanum (drGeuUrba1) somatic mutational spectrum (SBS52 classification)



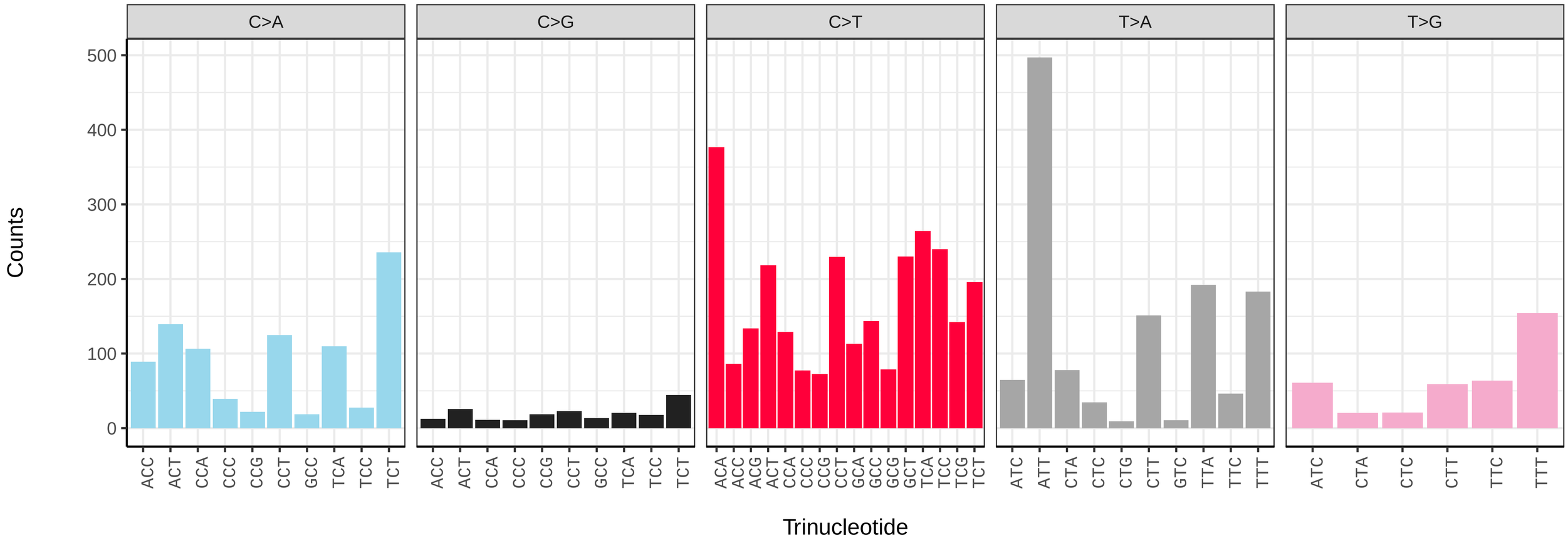
Hedera helix (drHedHeli1) germline mutational spectrum



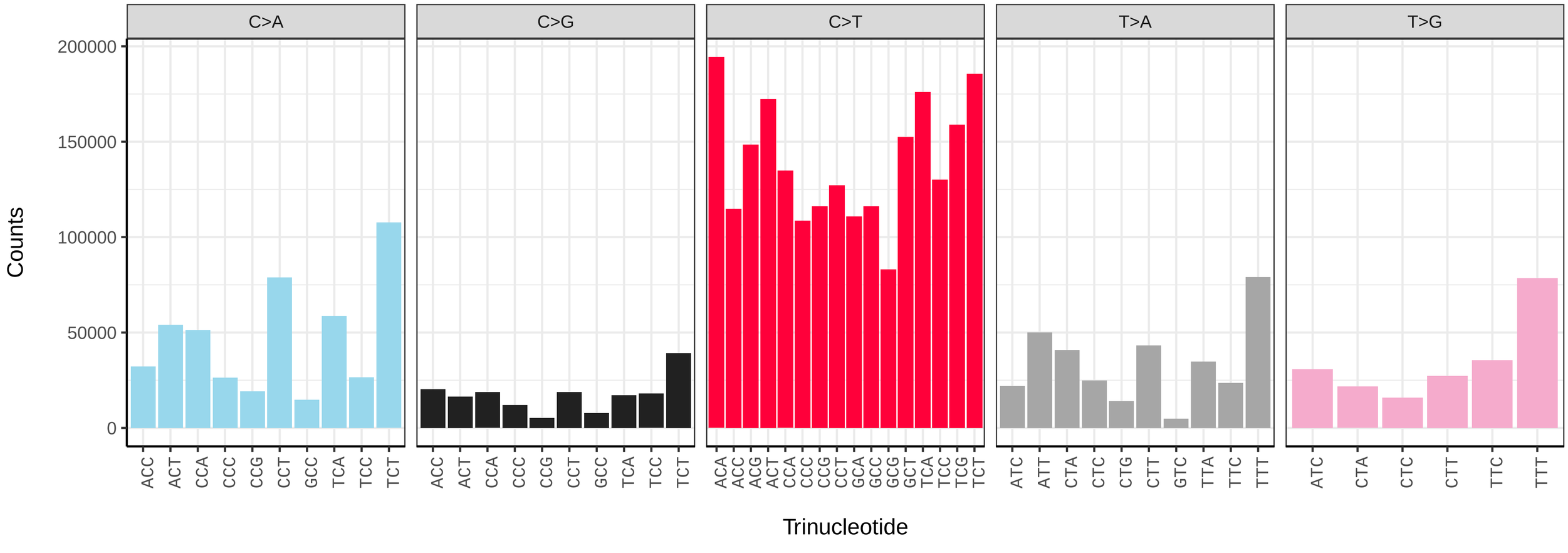
Hedera helix (drHedHeli1) somatic mutational spectrum (SBS96 classification)



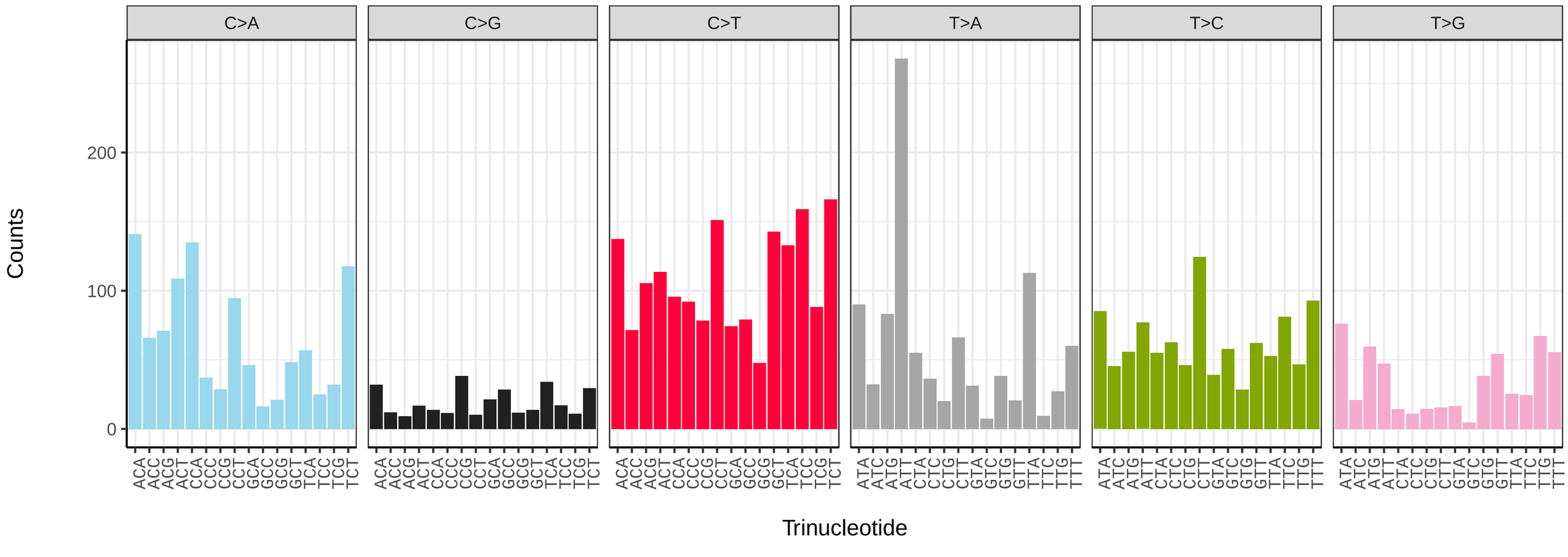
Hedera helix (drHedHeli1) somatic mutational spectrum (SBS52 classification)



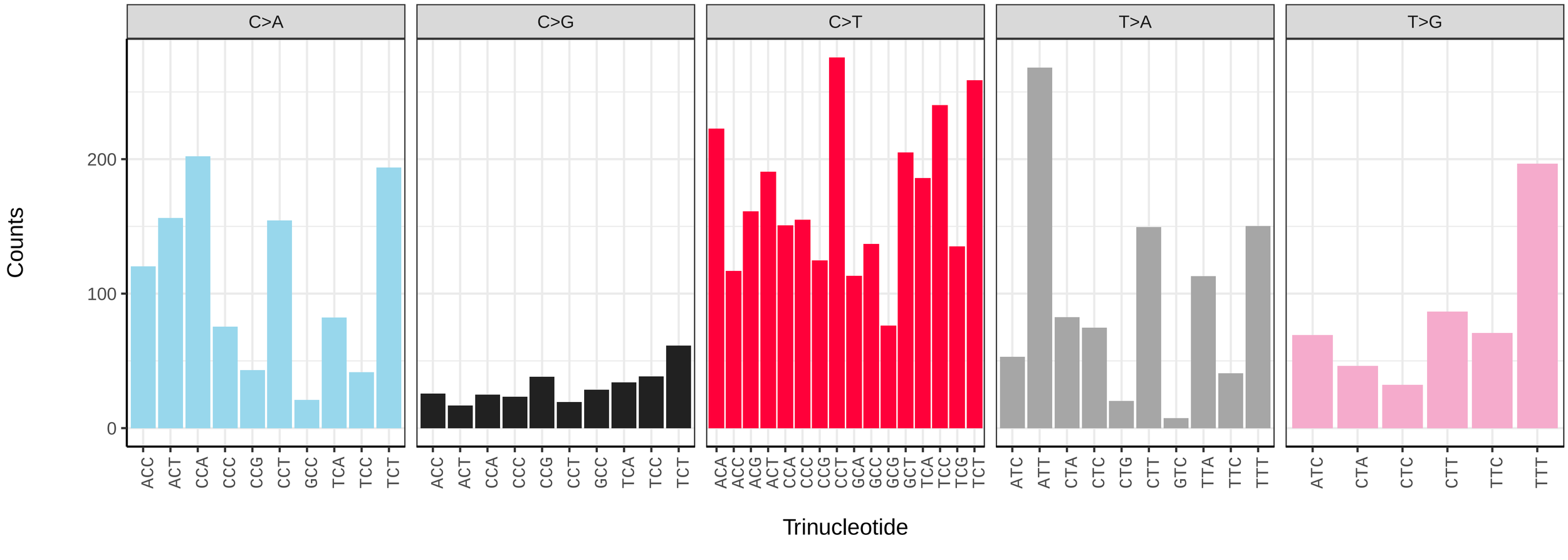
Ilex aquifolium (drIleAqui2) germline mutational spectrum



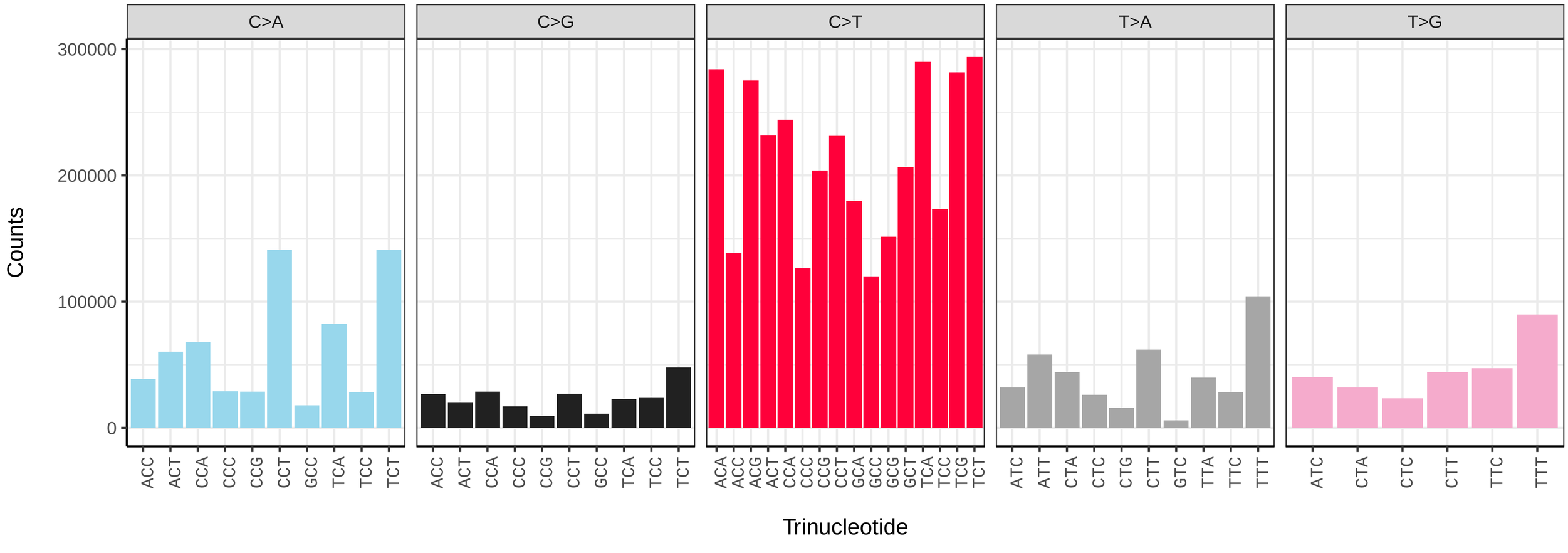
Ilex aquifolium (drIleAqui2) somatic mutational spectrum (SBS96 classification)



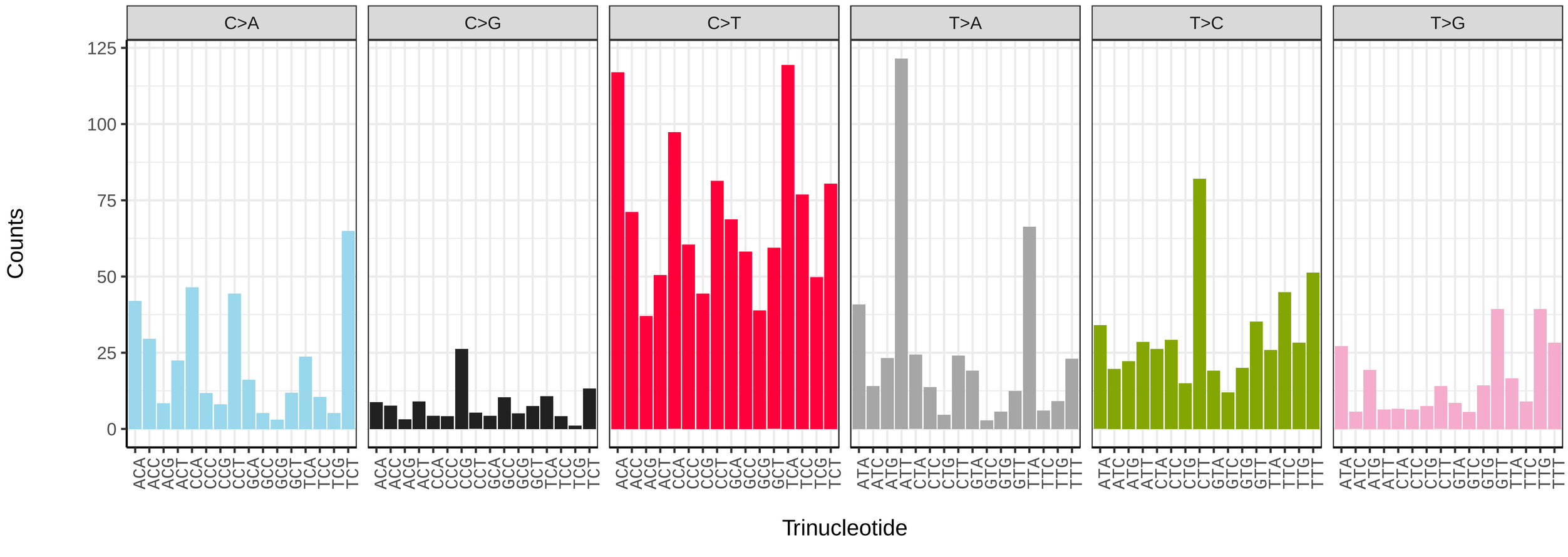
Ilex aquifolium (drIleAqui2) somatic mutational spectrum (SBS52 classification)



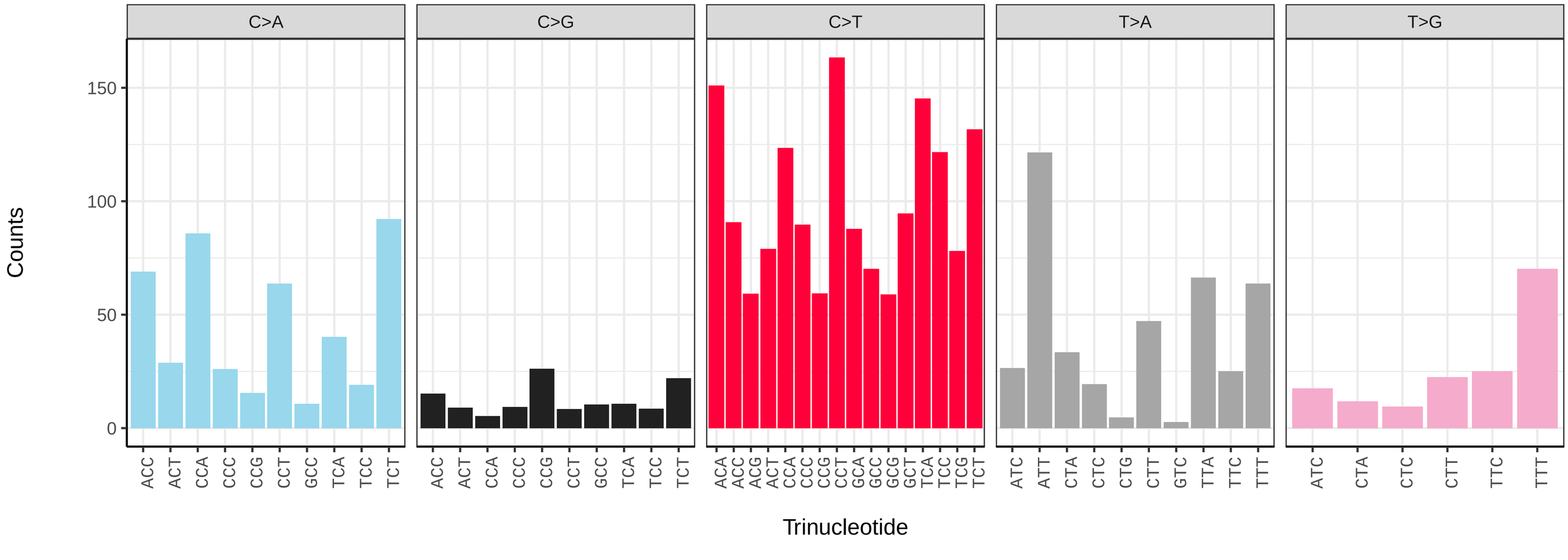
Malus domestica (drMalDome10) germline mutational spectrum



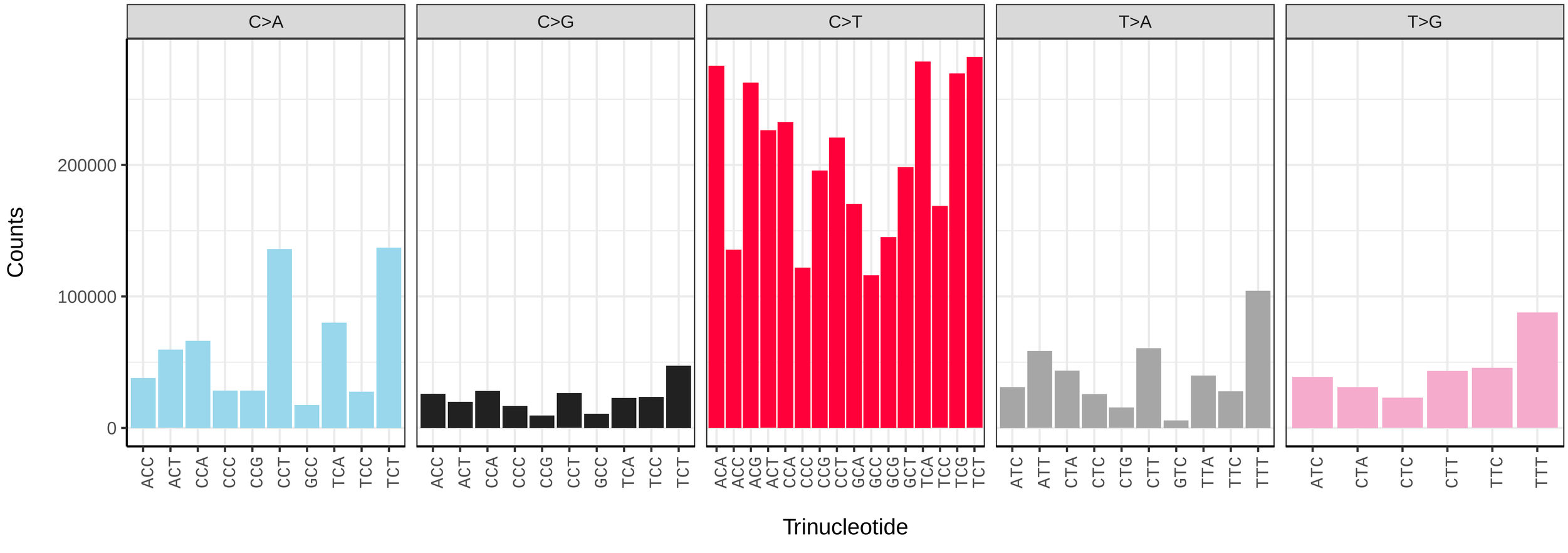
Malus domestica (drMalDome10) somatic mutational spectrum (SBS96 classification)



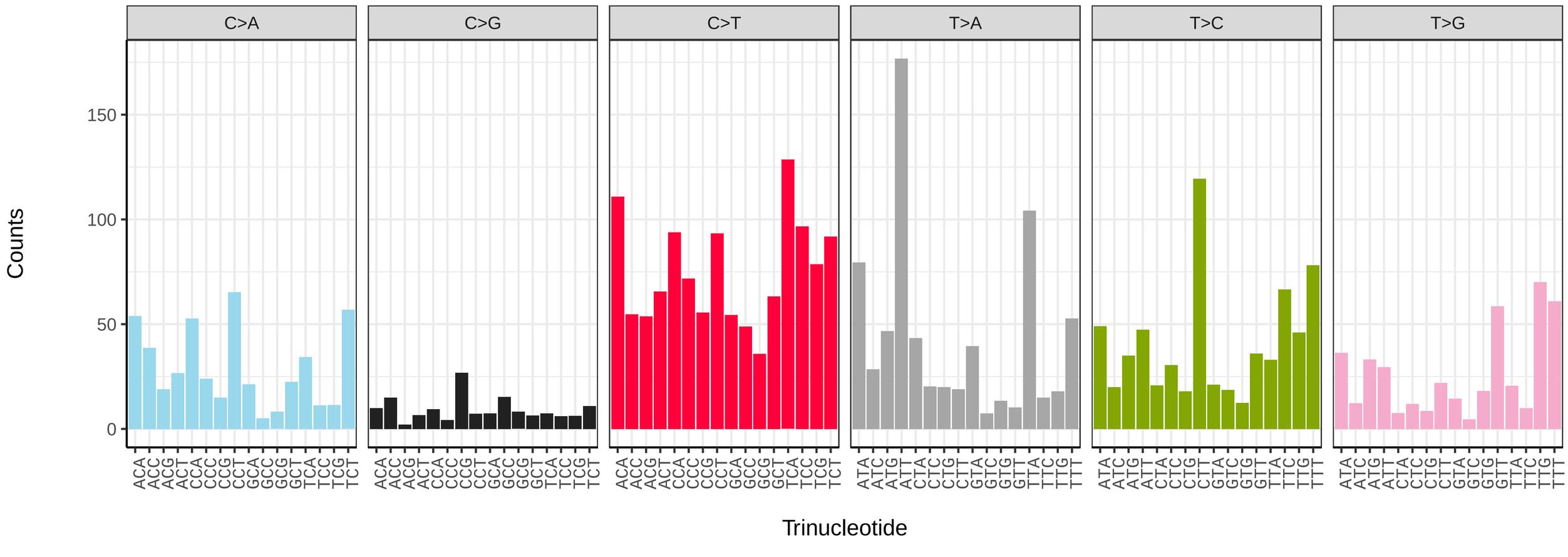
Malus domestica (drMalDome10) somatic mutational spectrum (SBS52 classification)



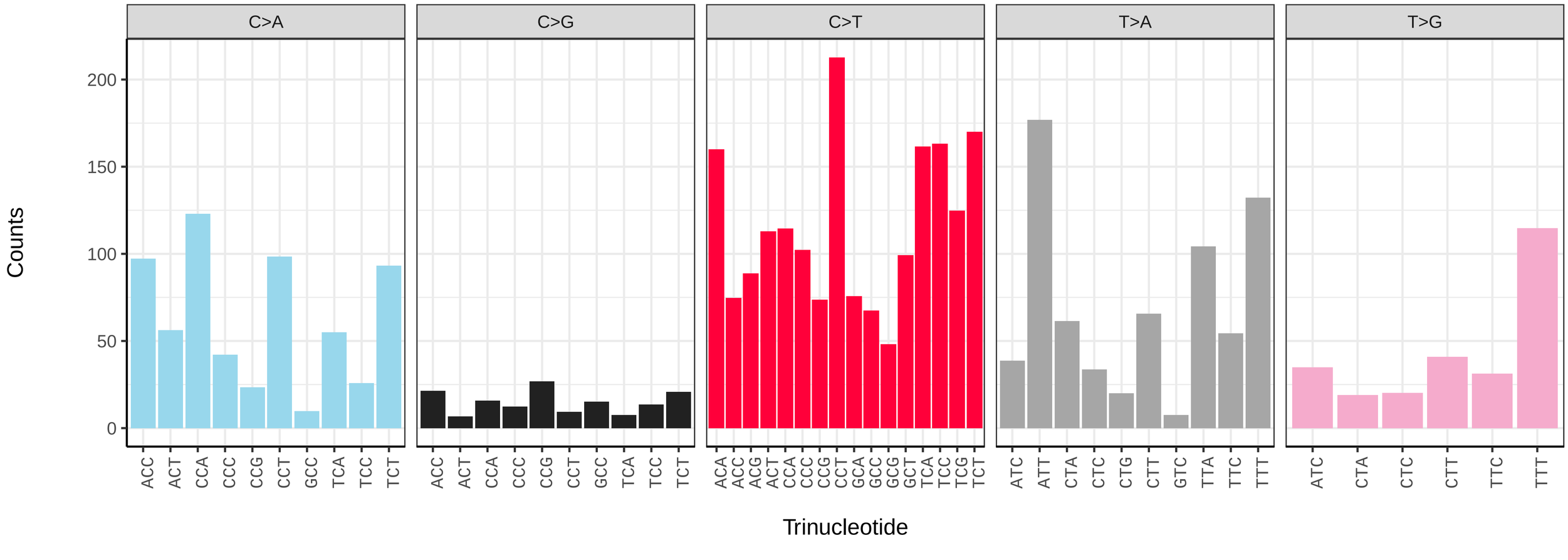
Malus domestica (drMalDome11) germline mutational spectrum



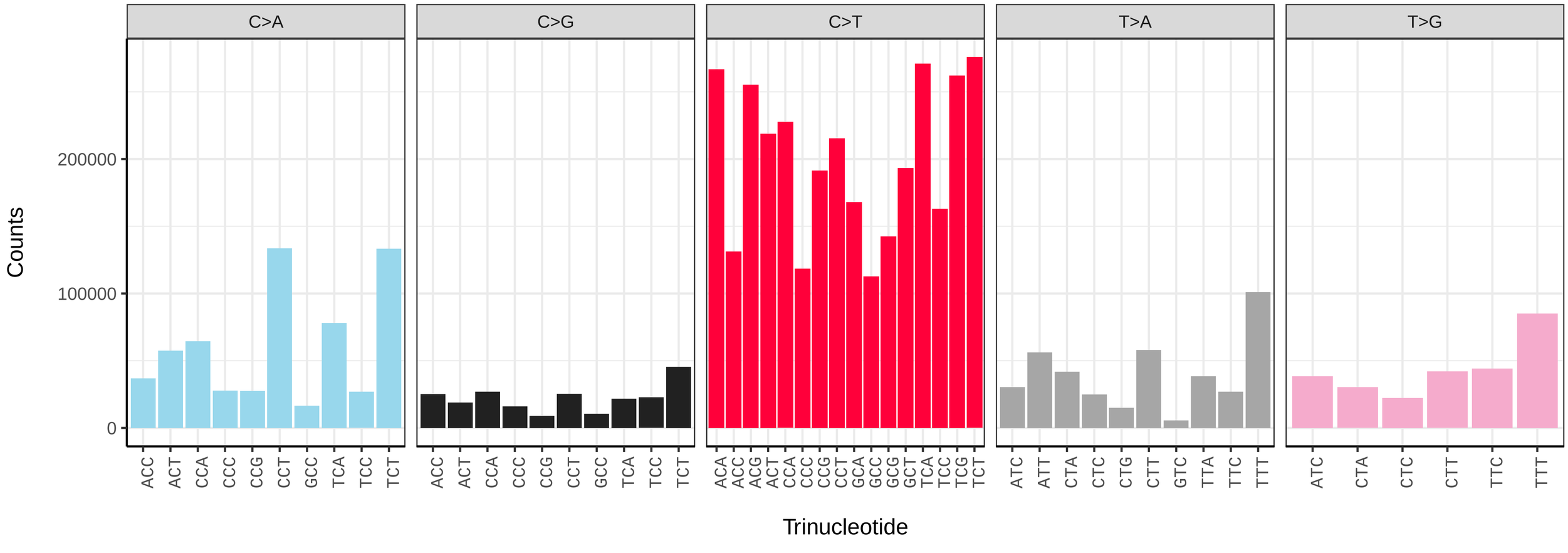
Malus domestica (drMalDome11) somatic mutational spectrum (SBS96 classification)



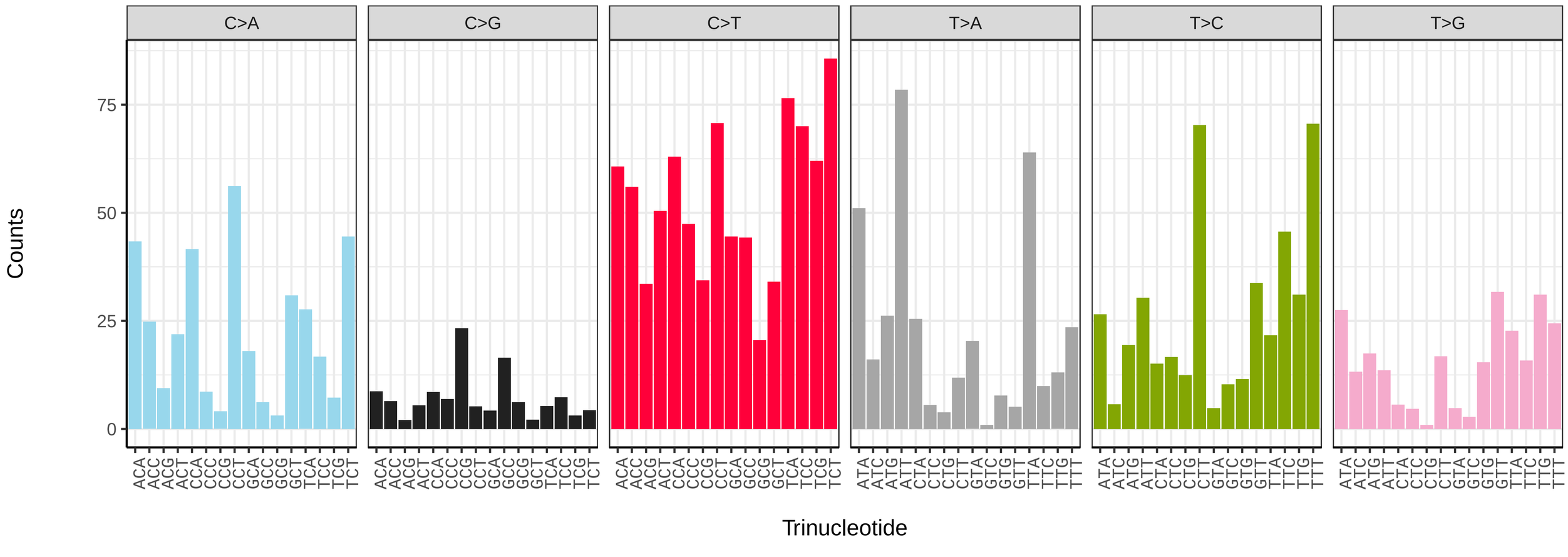
Malus domestica (drMalDome11) somatic mutational spectrum (SBS52 classification)



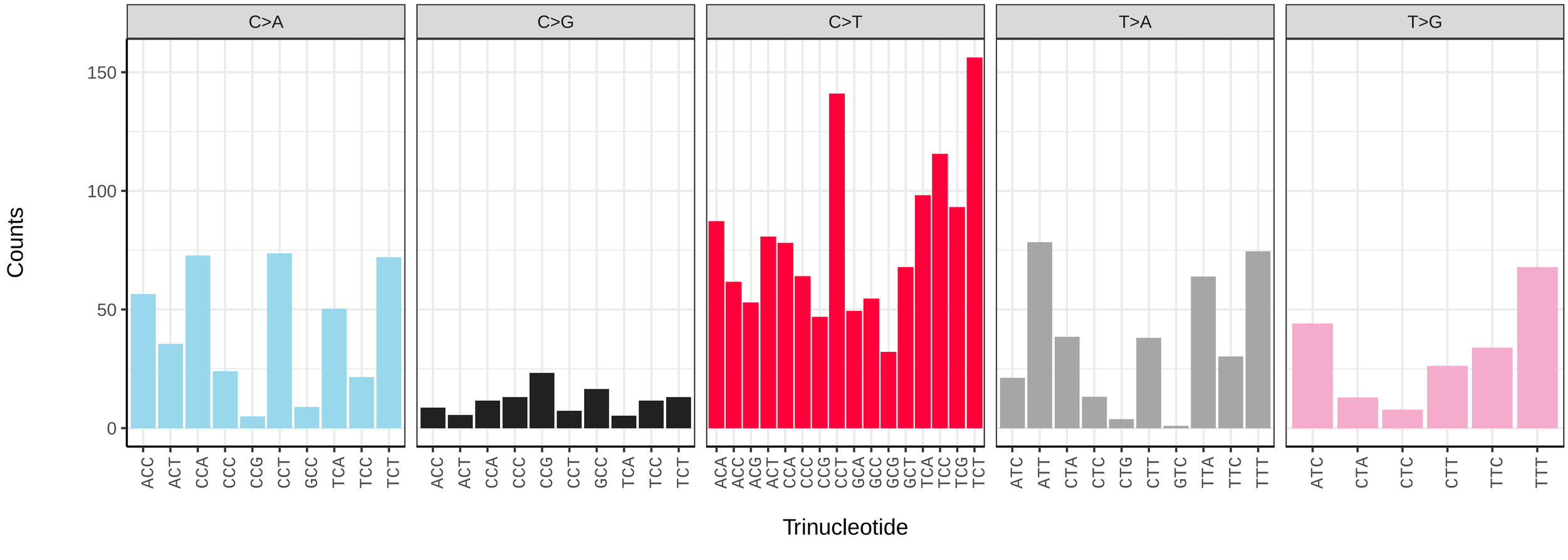
Malus domestica (drMalDome5) germline mutational spectrum



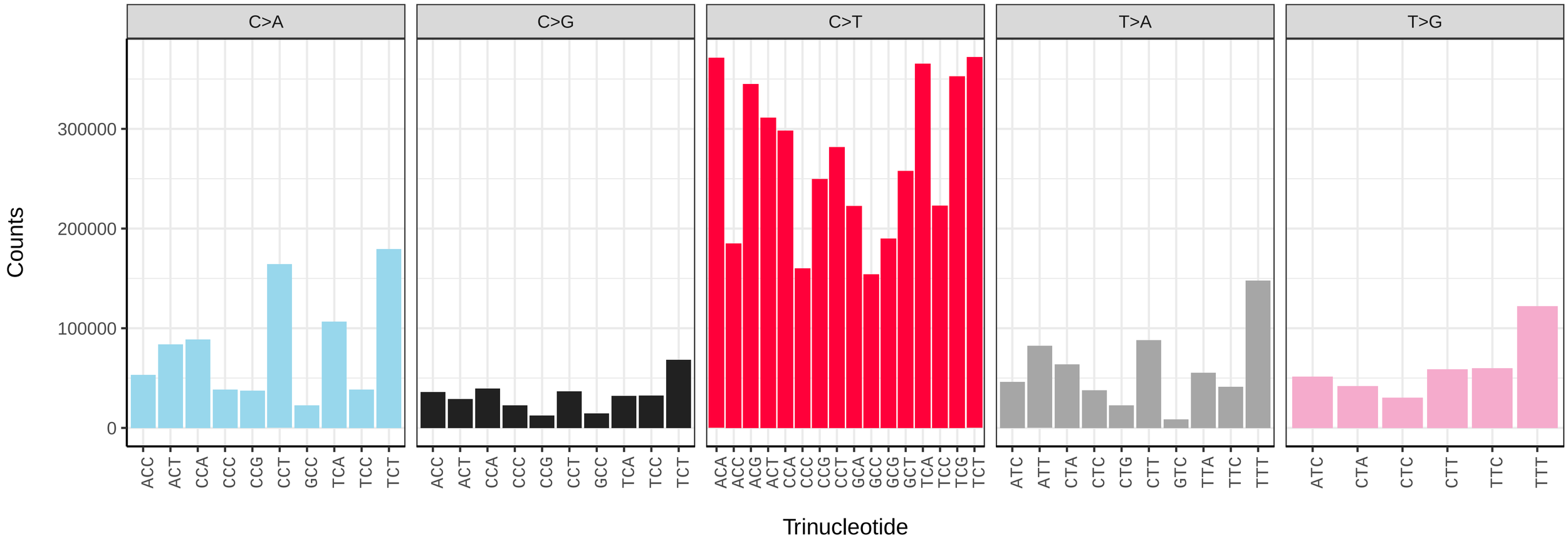
Malus domestica (drMalDome5) somatic mutational spectrum (SBS96 classification)



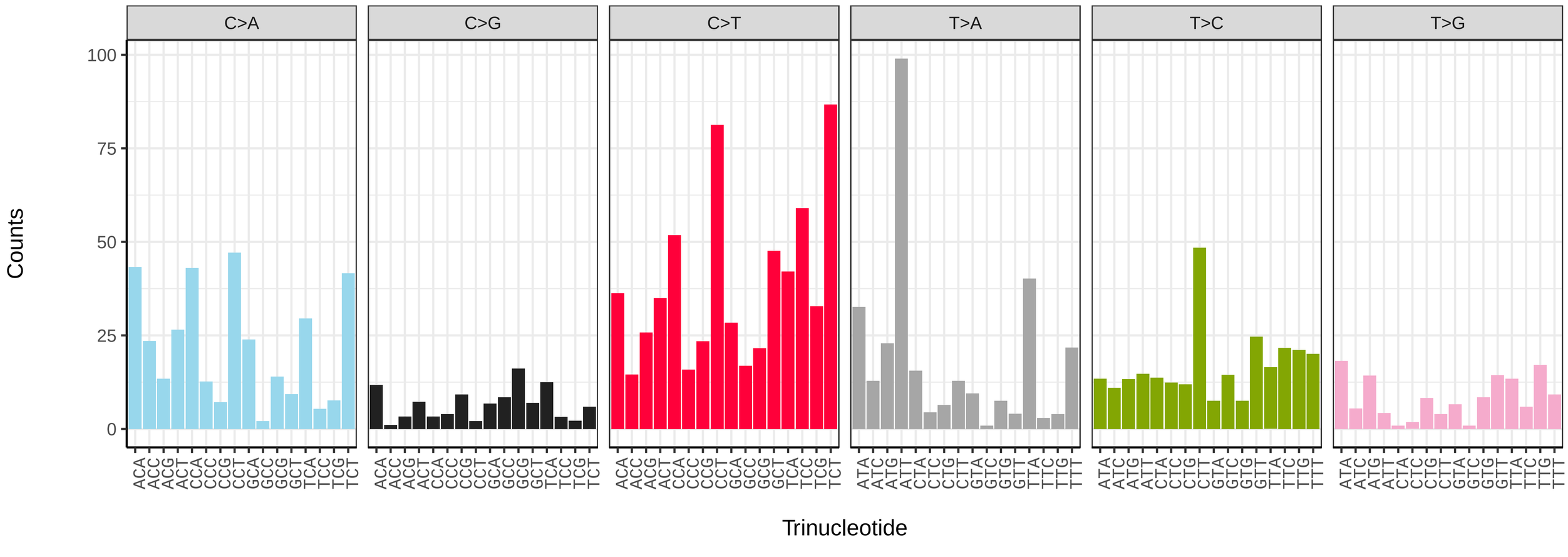
Malus domestica (drMalDome5) somatic mutational spectrum (SBS52 classification)



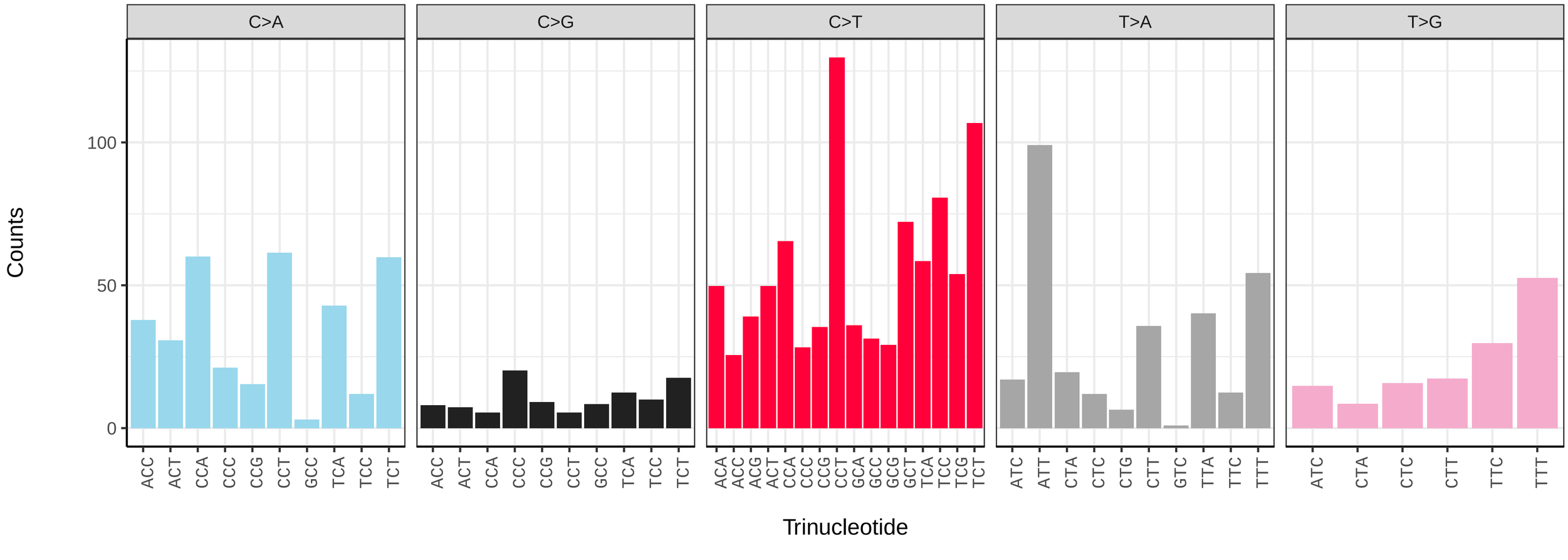
Malus x robusta (drMalRobu1) germline mutational spectrum



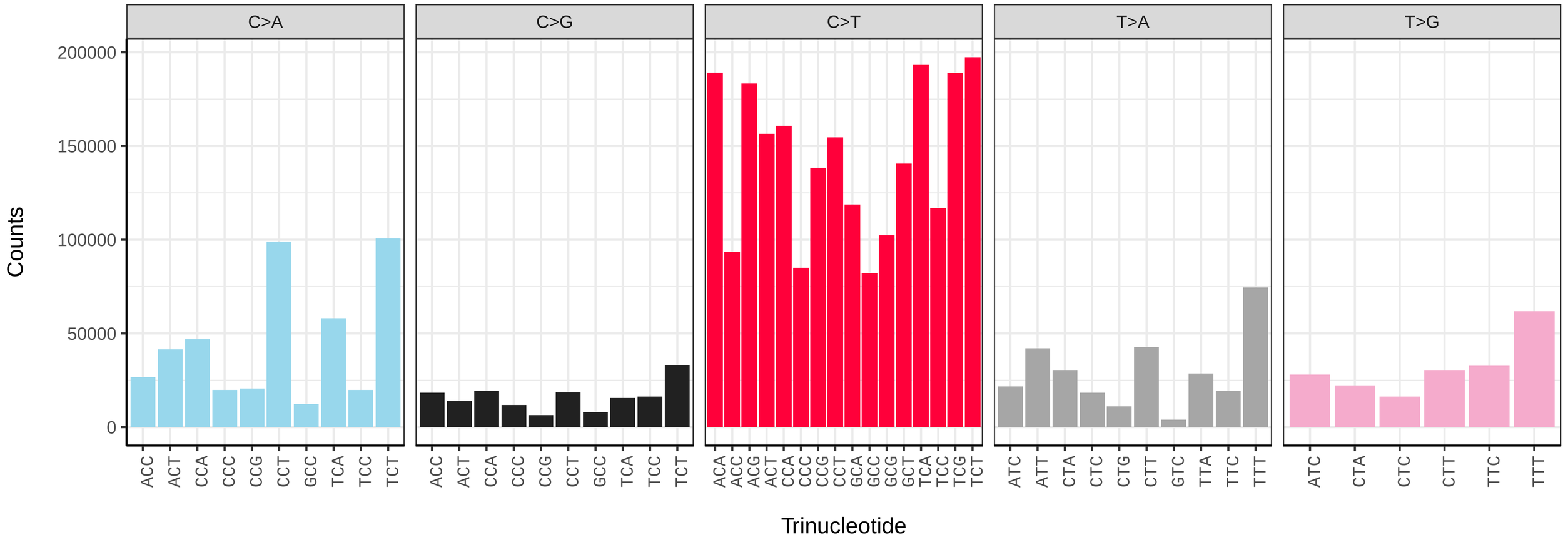
Malus x robusta (drMalRobu1) somatic mutational spectrum (SBS96 classification)



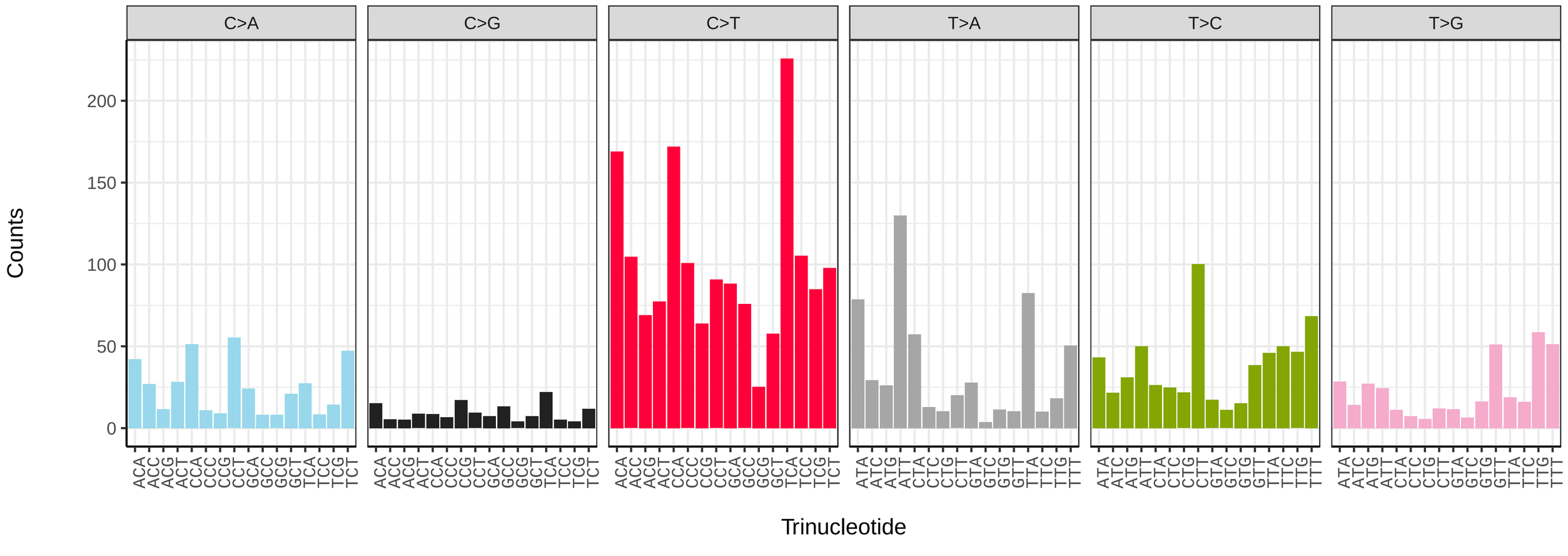
Malus x robusta (drMalRobu1) somatic mutational spectrum (SBS52 classification)



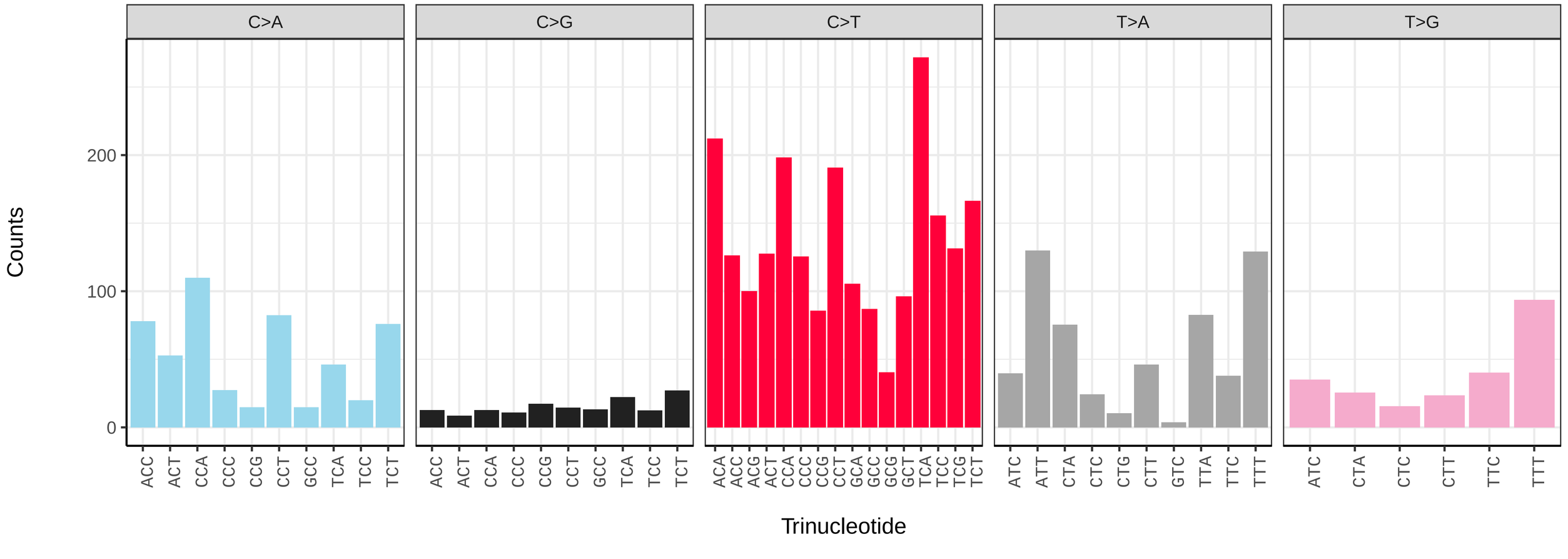
Malus sylvestris (drMalSylv7) germline mutational spectrum



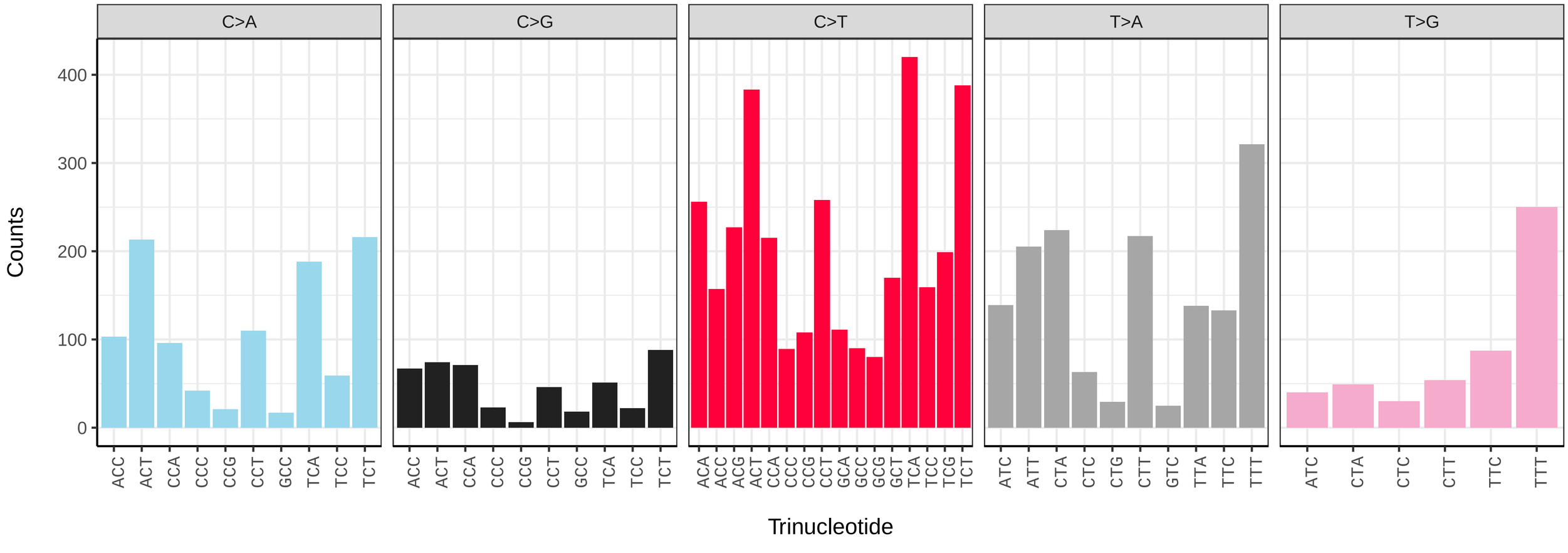
Malus sylvestris (drMalSylv7) somatic mutational spectrum (SBS96 classification)



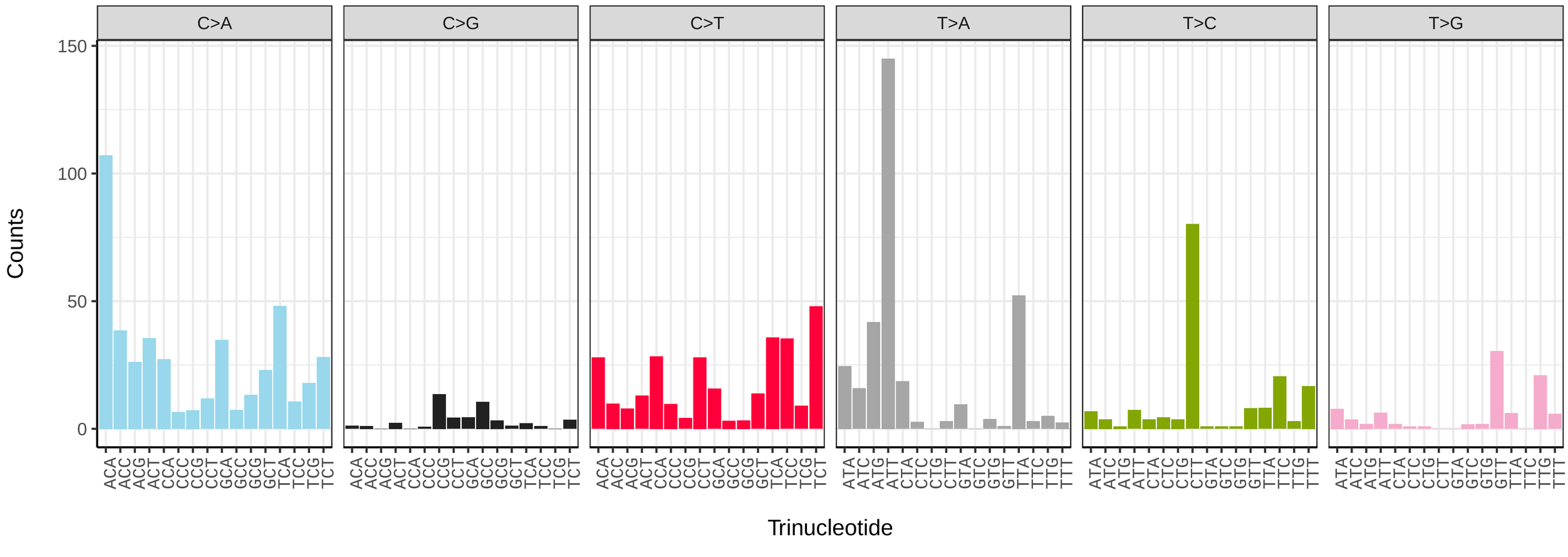
Malus sylvestris (drMalSylv7) somatic mutational spectrum (SBS52 classification)



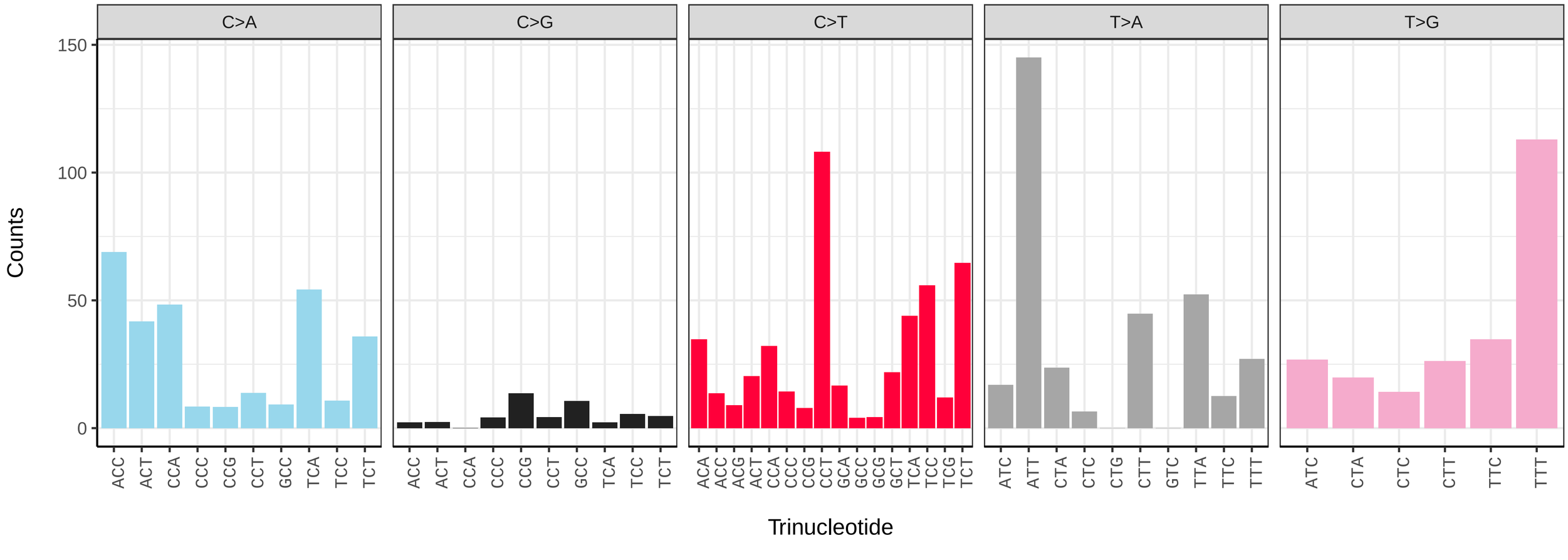
Medicago arabica (drMedArab1) germline mutational spectrum



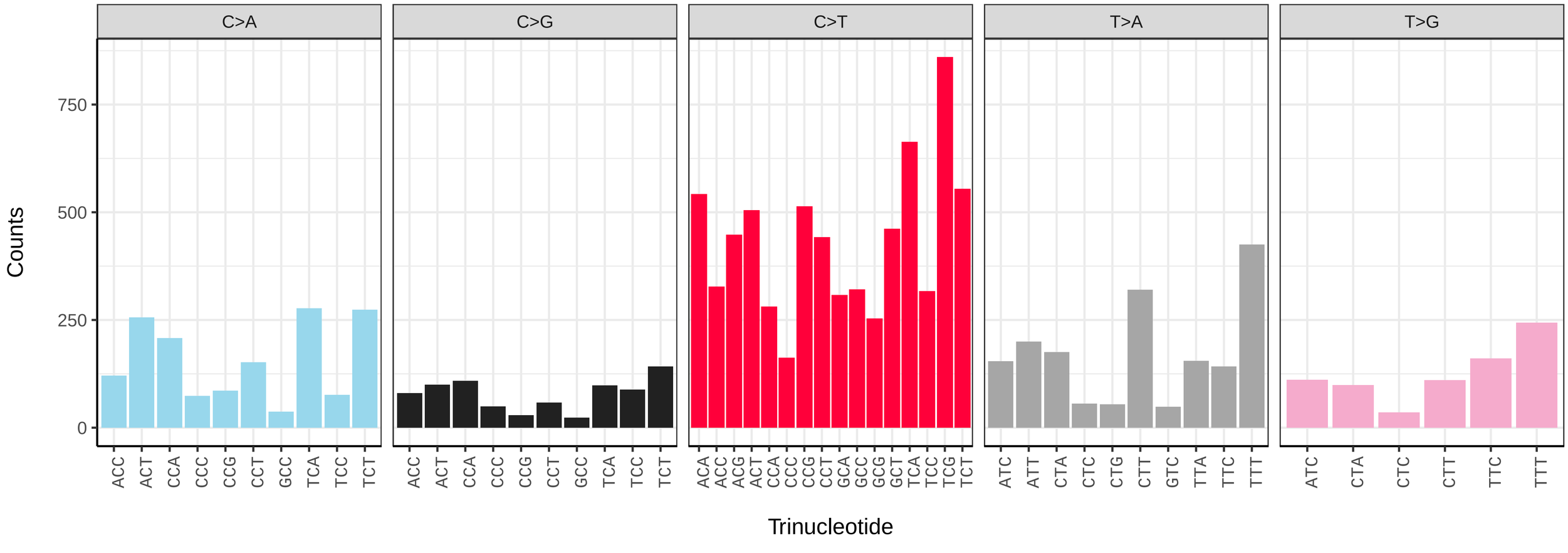
Medicago arabica (drMedArab1) somatic mutational spectrum (SBS96 classification)



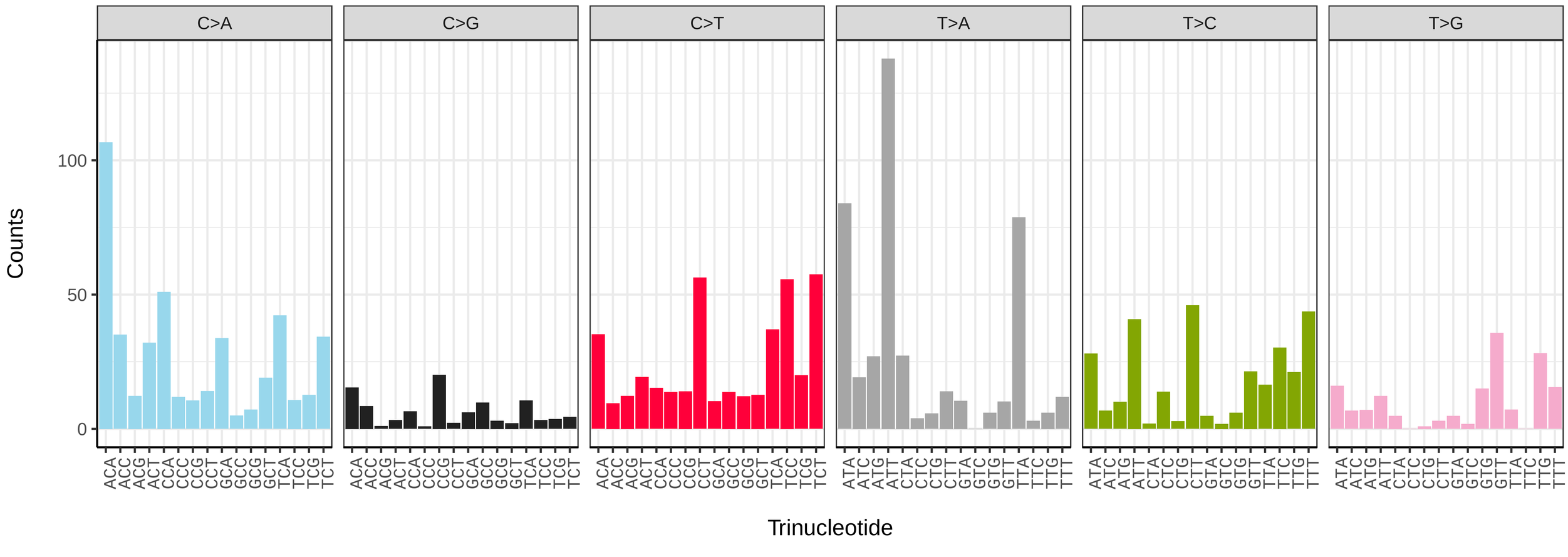
Medicago arabica (drMedArab1) somatic mutational spectrum (SBS52 classification)



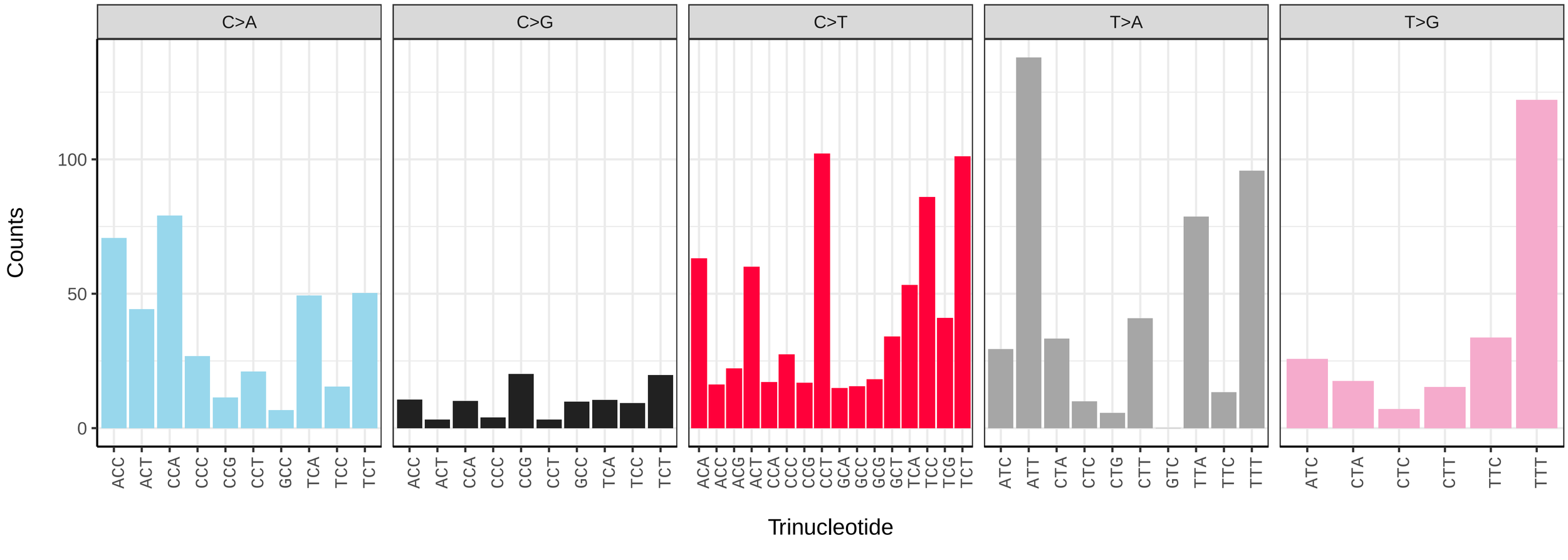
Medicago lupulina (drMedLupu1) germline mutational spectrum



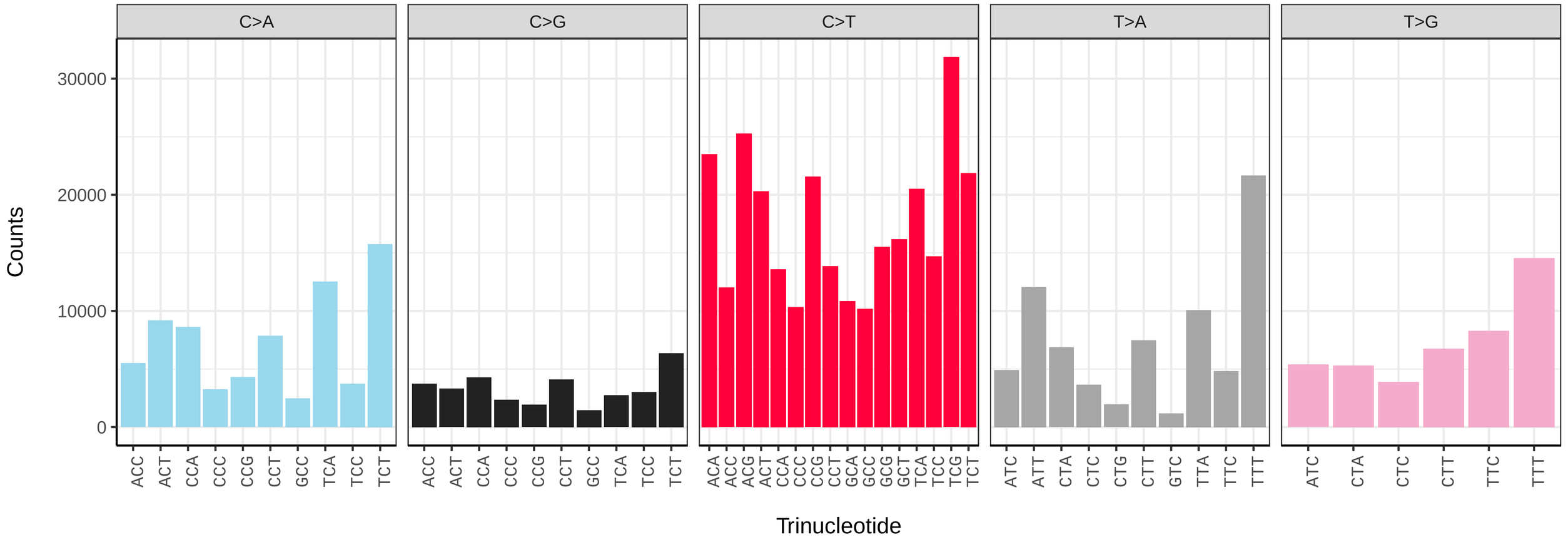
Medicago lupulina (drMedLupu1) somatic mutational spectrum (SBS96 classification)



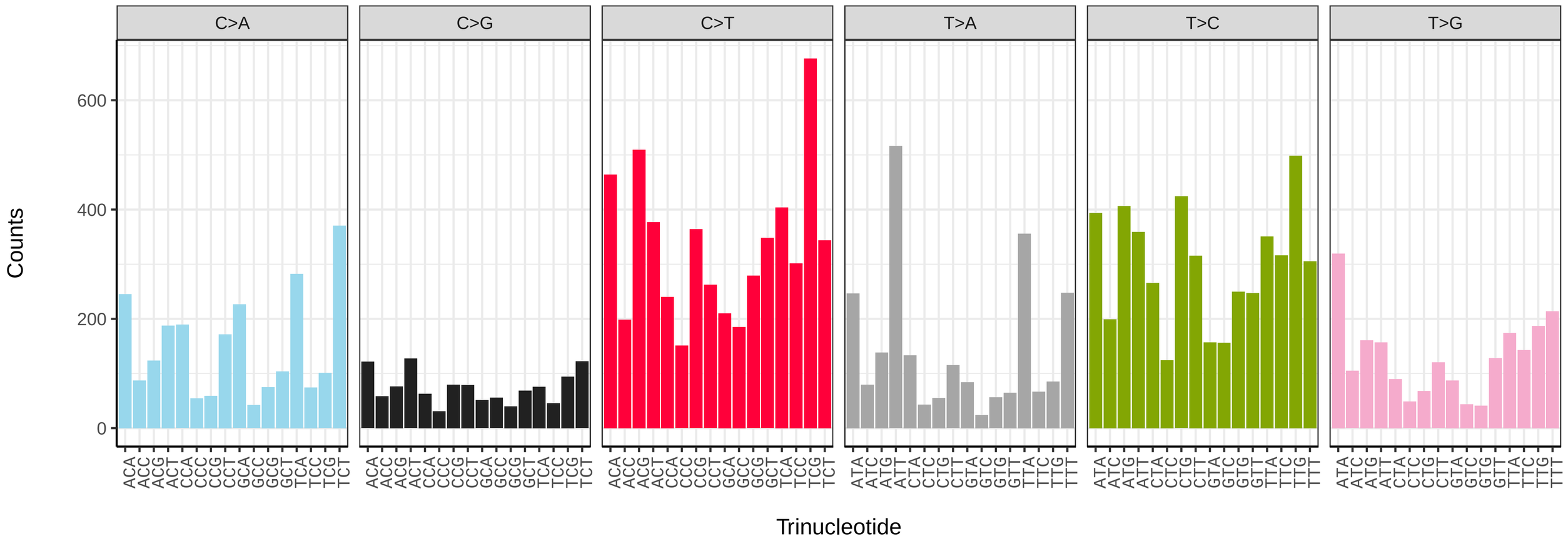
Medicago lupulina (drMedLupu1) somatic mutational spectrum (SBS52 classification)



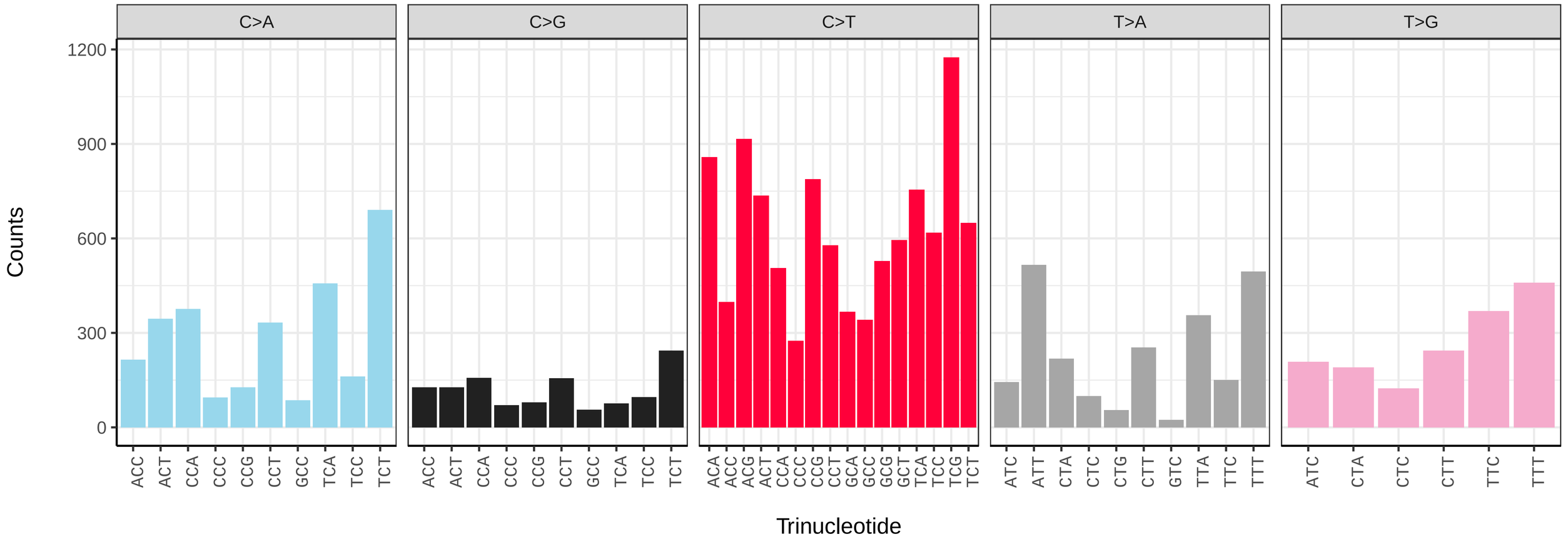
Parietaria judaica (drParJuda1) germline mutational spectrum



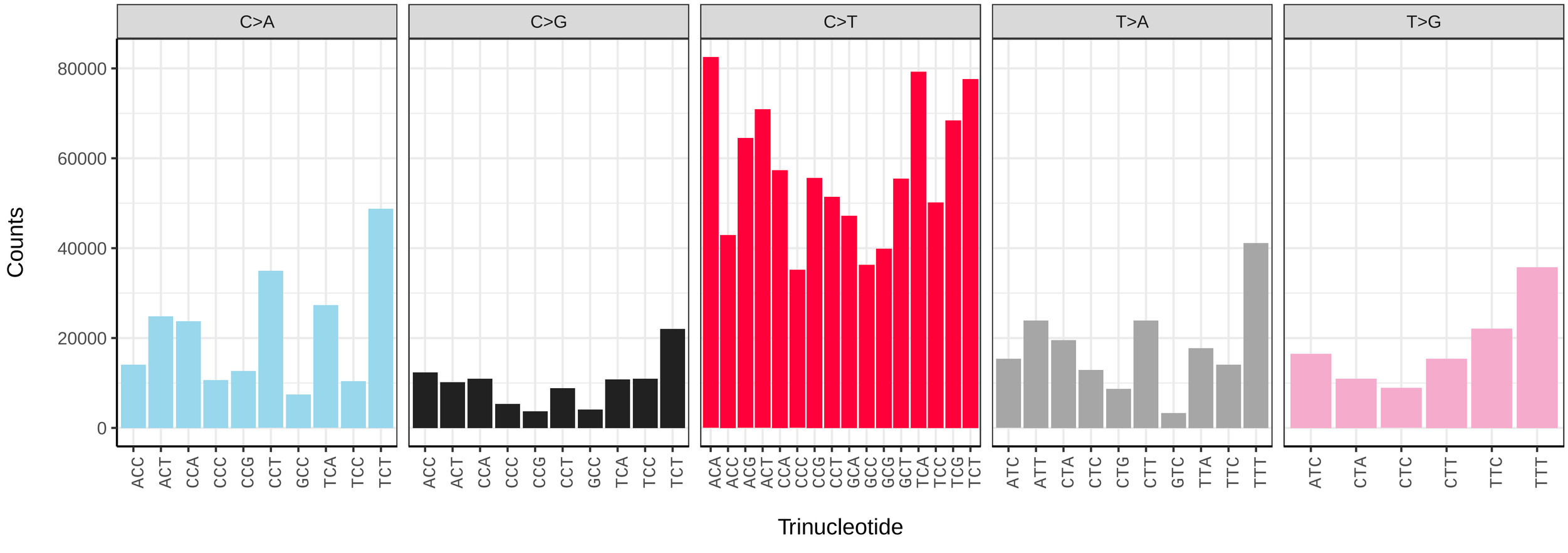
Parietaria judaica (drParJuda1) somatic mutational spectrum (SBS96 classification)



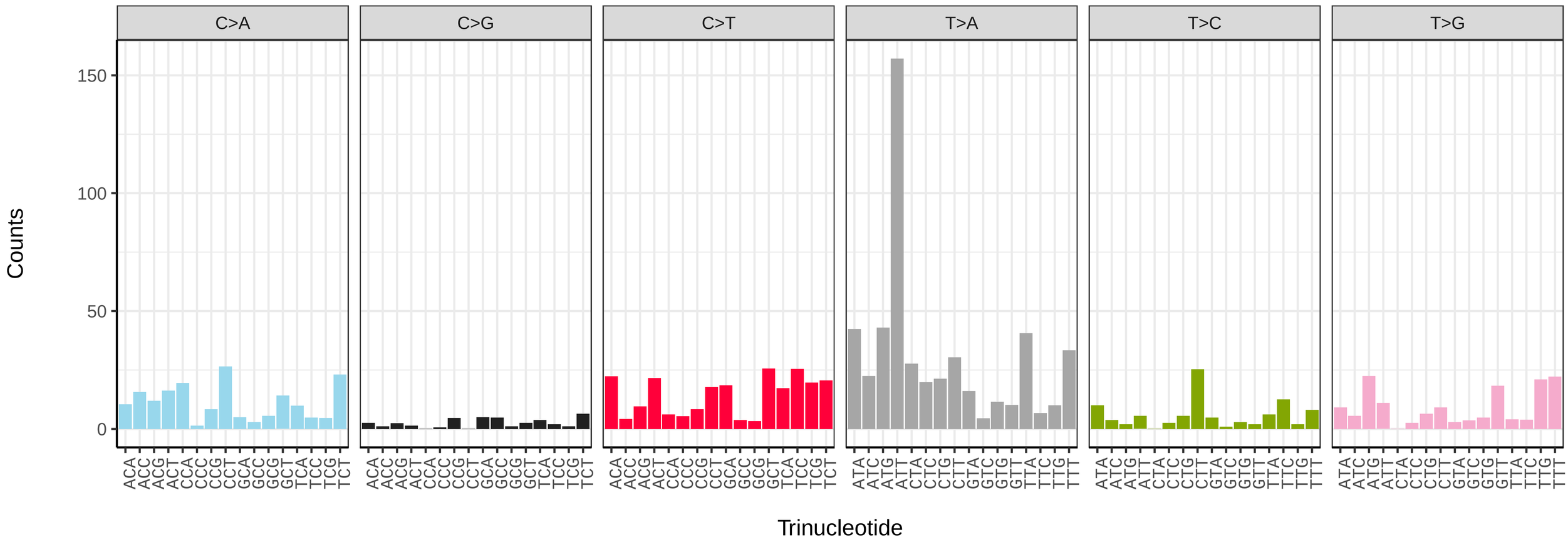
Parietaria judaica (drParJuda1) somatic mutational spectrum (SBS52 classification)



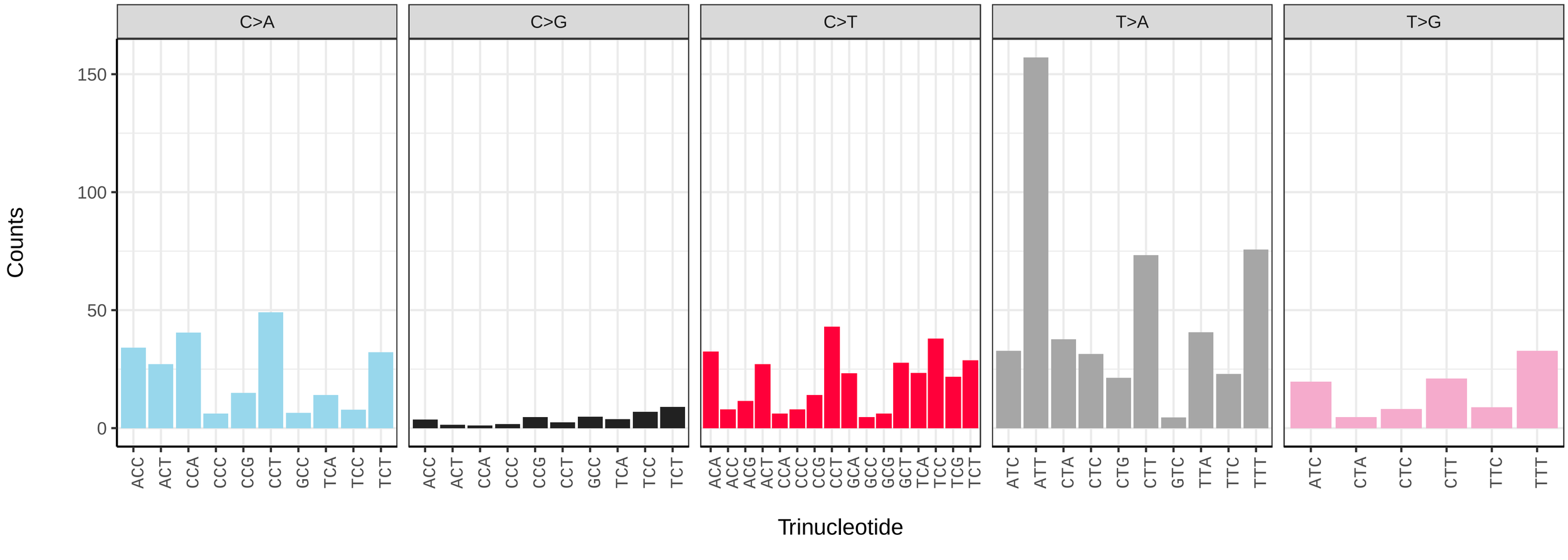
Potentilla anserina (drPotAnse1) germline mutational spectrum



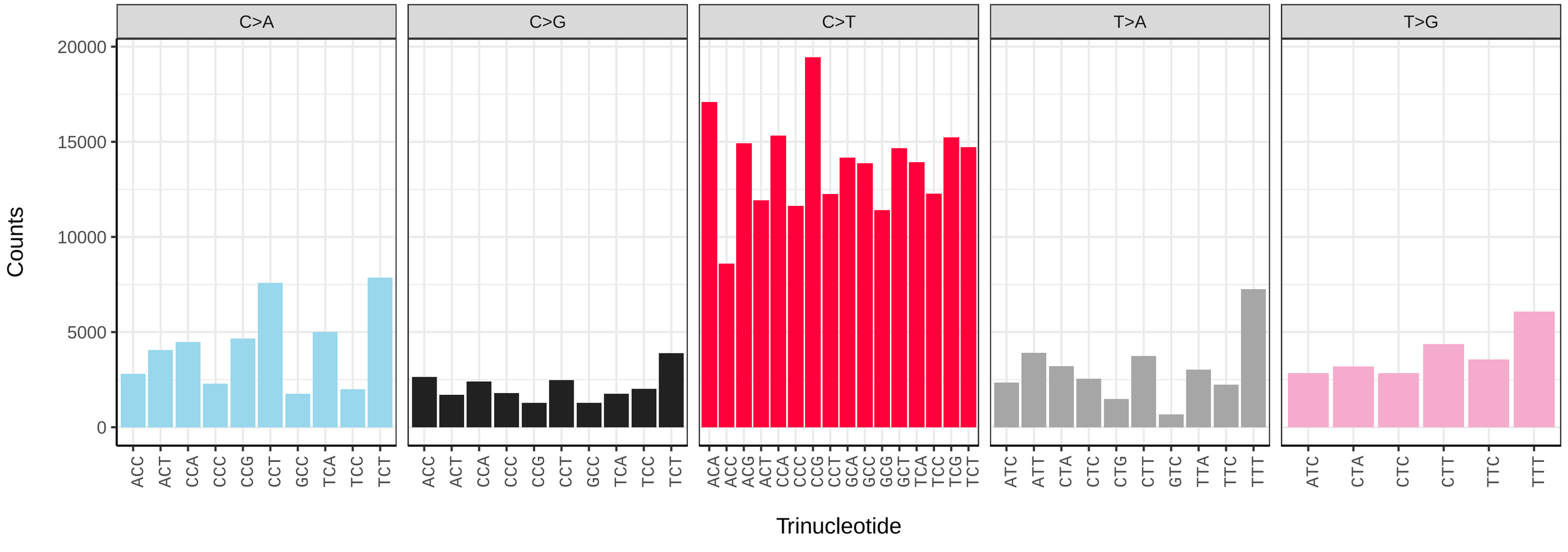
Potentilla anserina (drPotAnse1) somatic mutational spectrum (SBS96 classification)



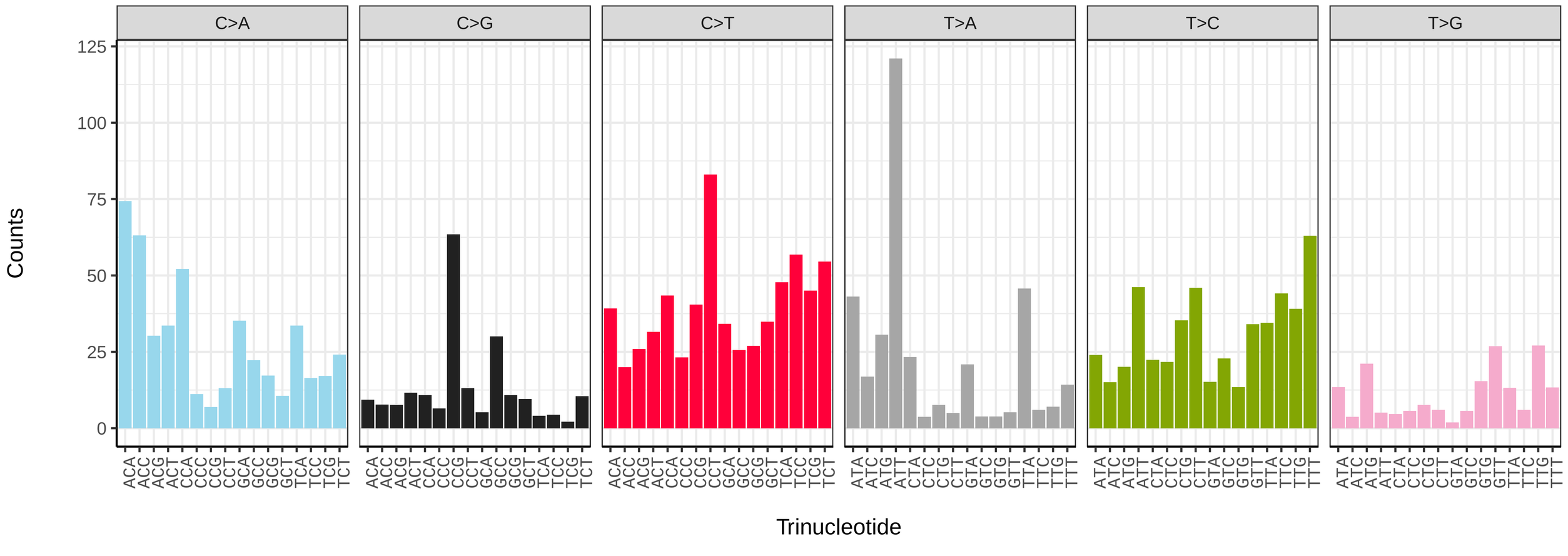
Potentilla anserina (drPotAnse1) somatic mutational spectrum (SBS52 classification)



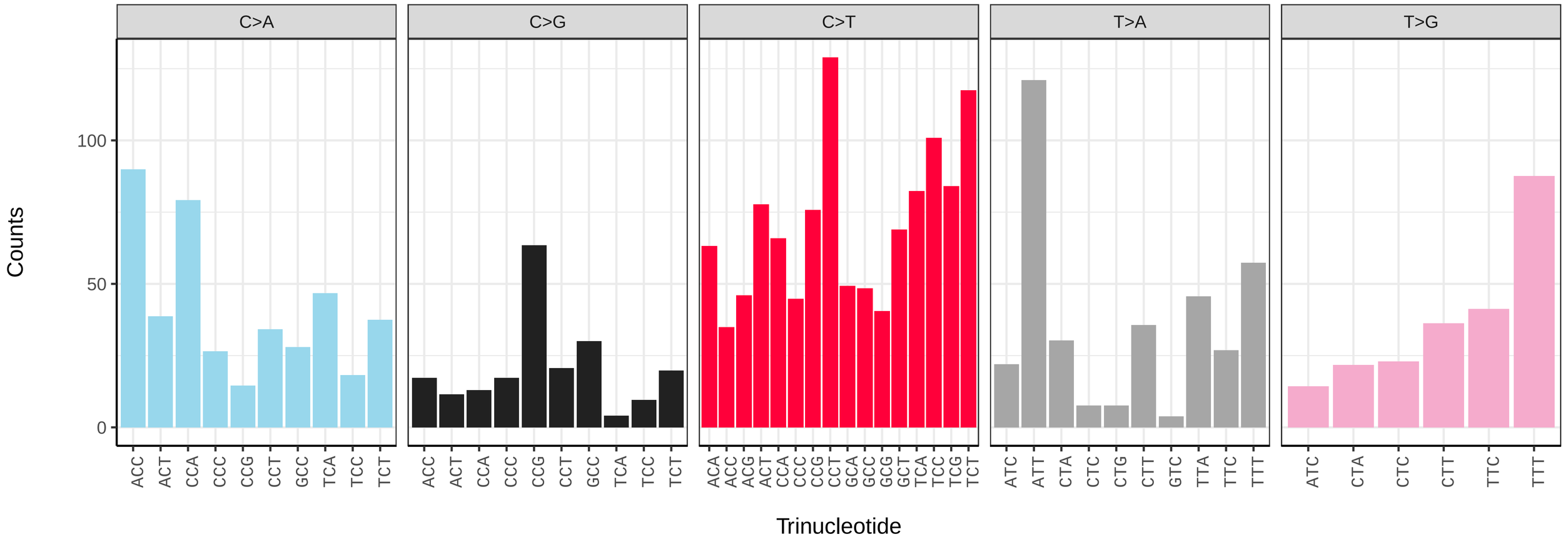
Potentilla sterilis (drPotSter1) germline mutational spectrum



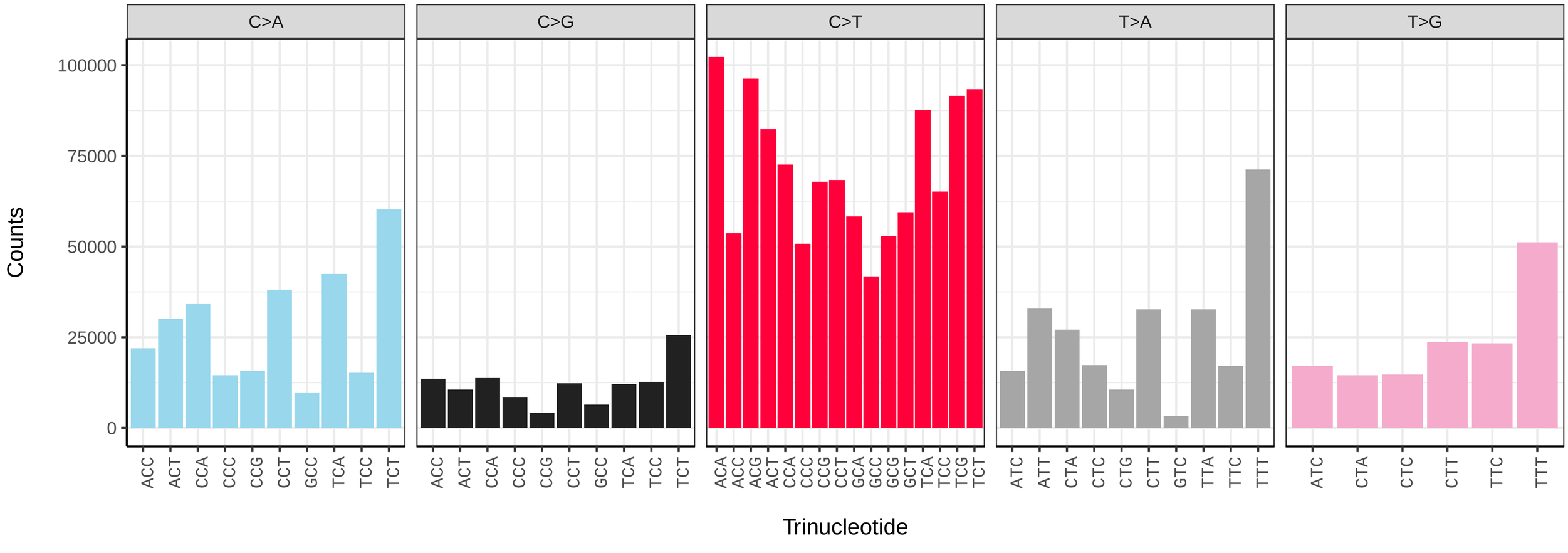
Potentilla sterilis (drPotSter1) somatic mutational spectrum (SBS96 classification)



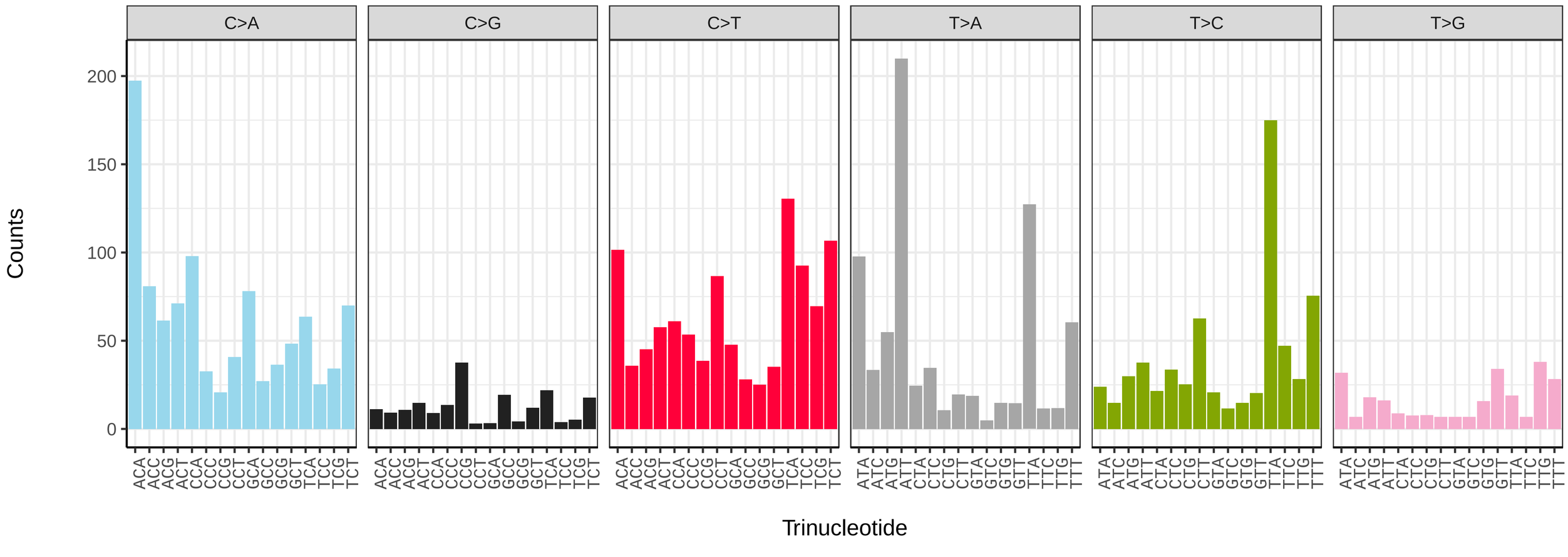
Potentilla sterilis (drPotSter1) somatic mutational spectrum (SBS52 classification)



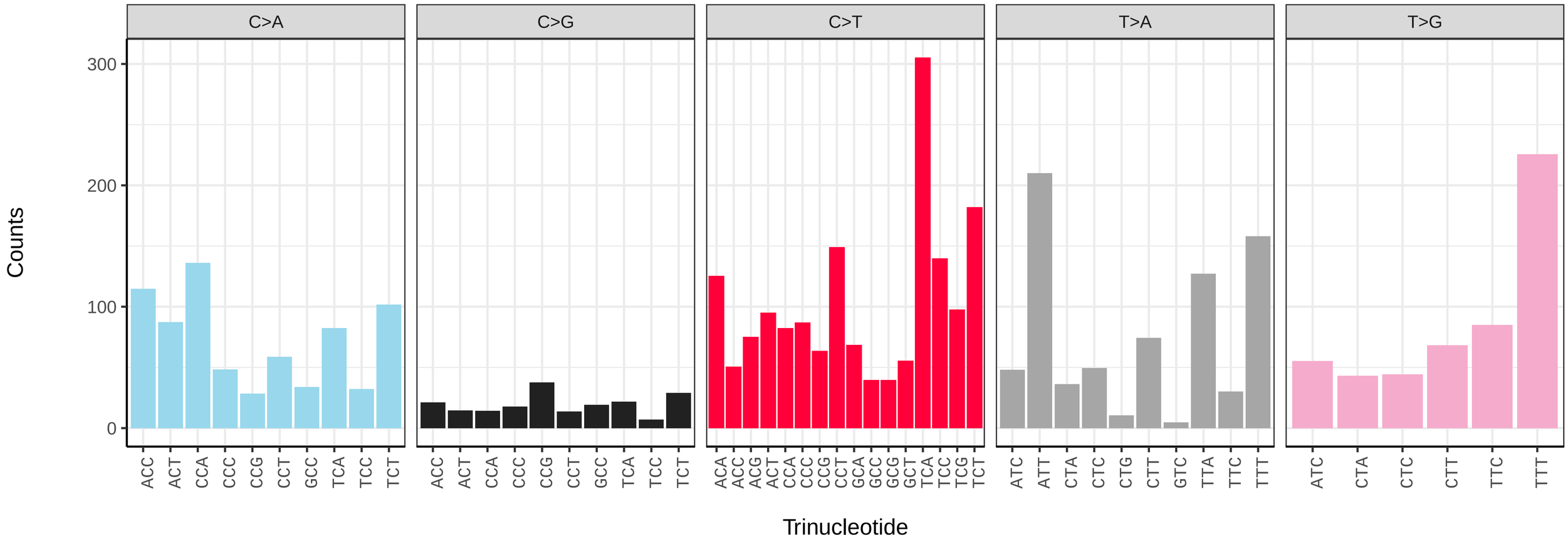
Prunus padus (drPruPadu1) germline mutational spectrum



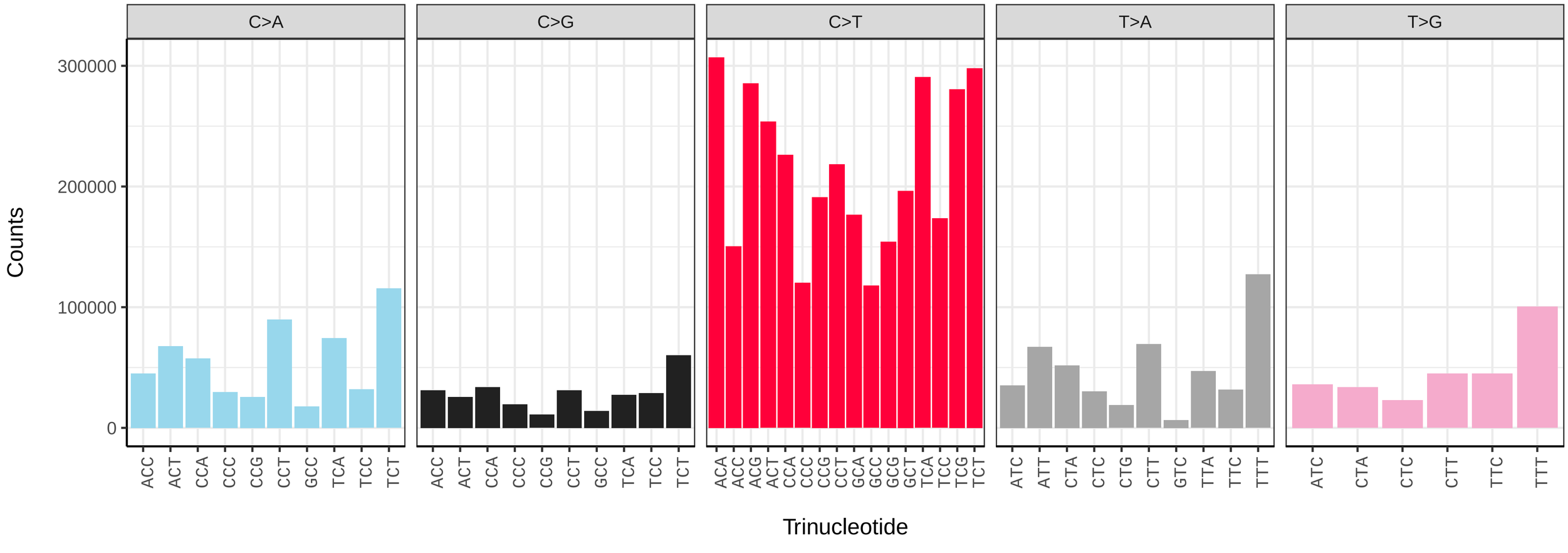
Prunus padus (drPruPadu1) somatic mutational spectrum (SBS96 classification)



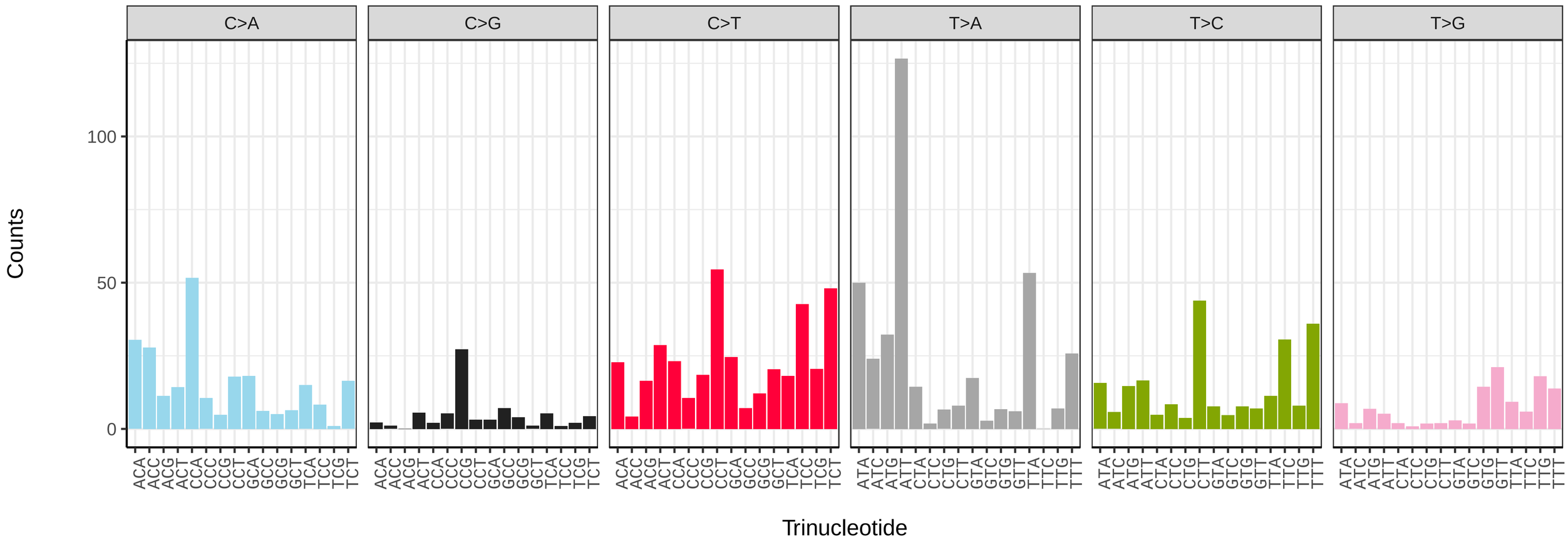
Prunus padus (drPruPadu1) somatic mutational spectrum (SBS52 classification)



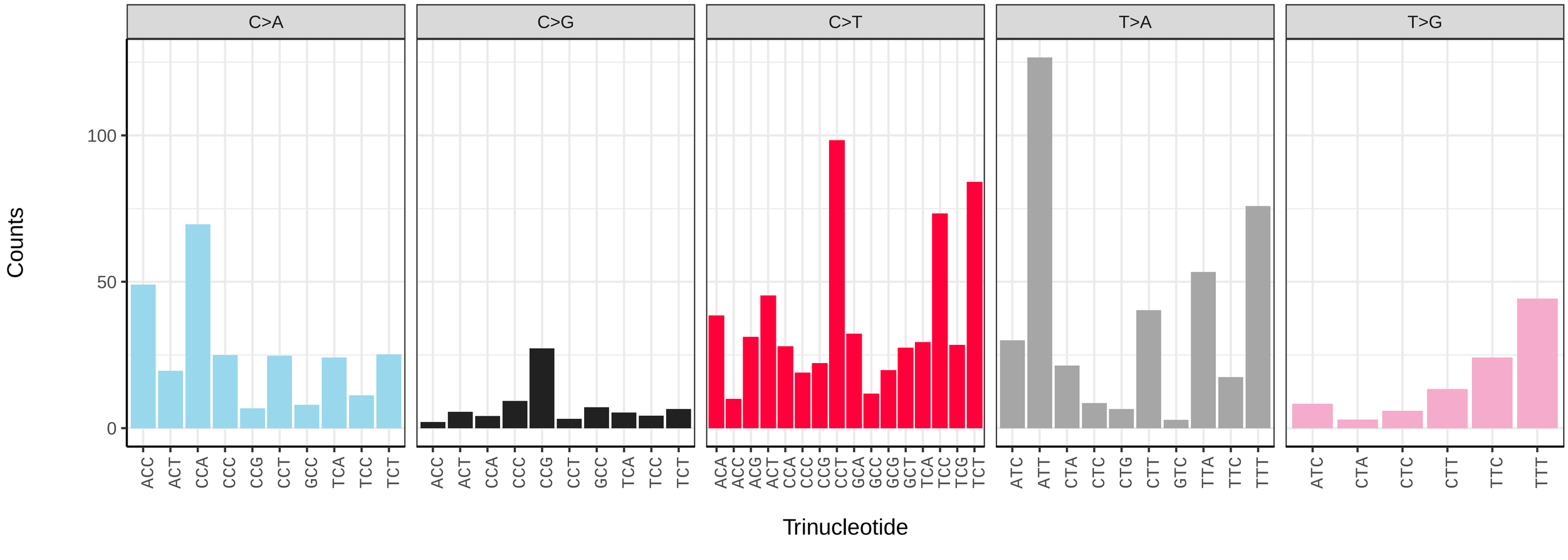
Pyrus communis (drPyrComm1) germline mutational spectrum



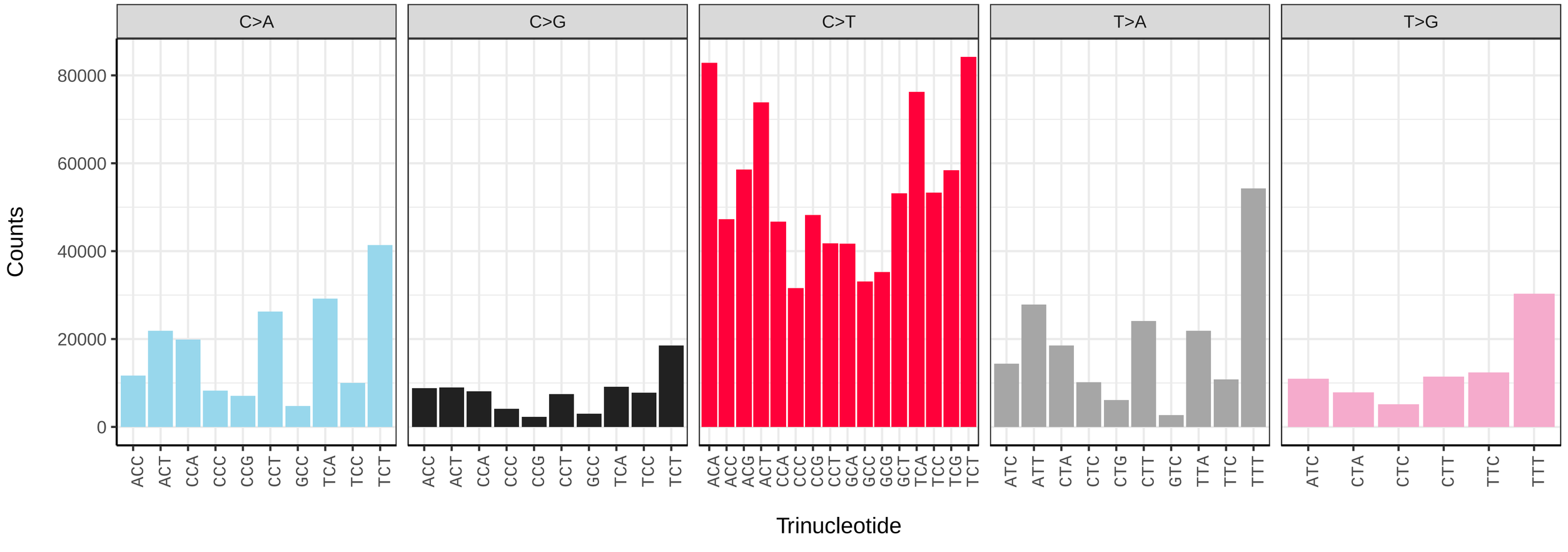
Pyrus communis (drPyrComm1) somatic mutational spectrum (SBS96 classification)



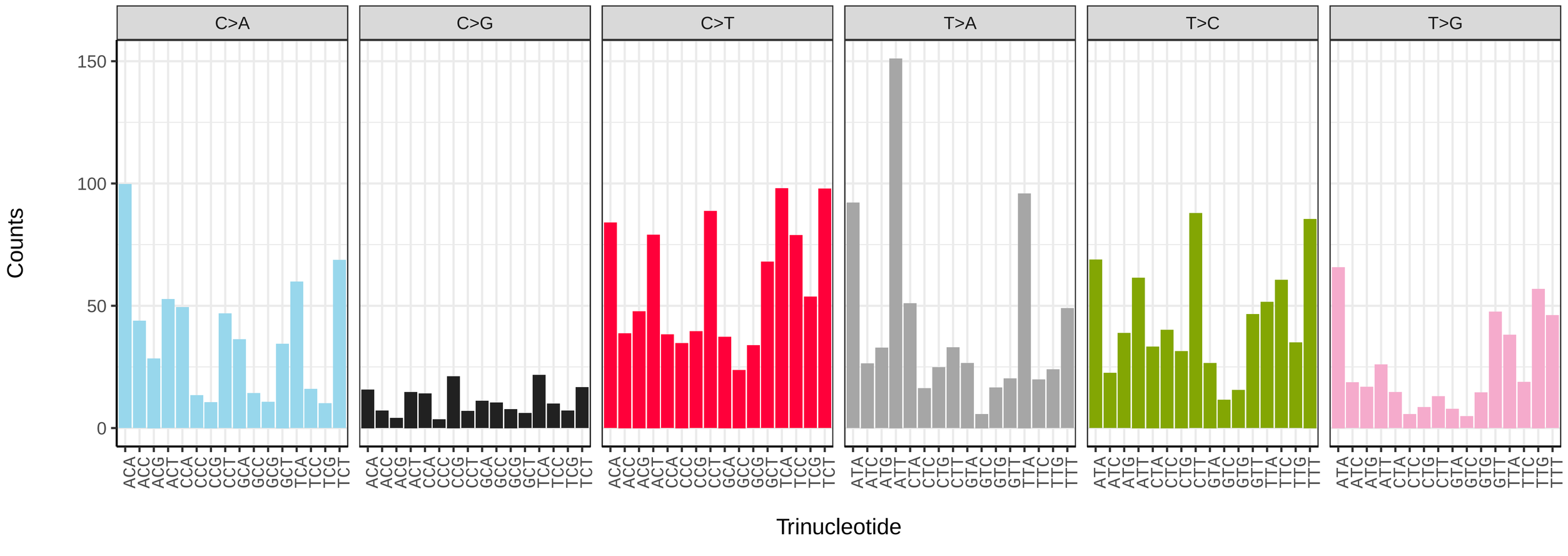
Pyrus communis (drPyrComm1) somatic mutational spectrum (SBS52 classification)



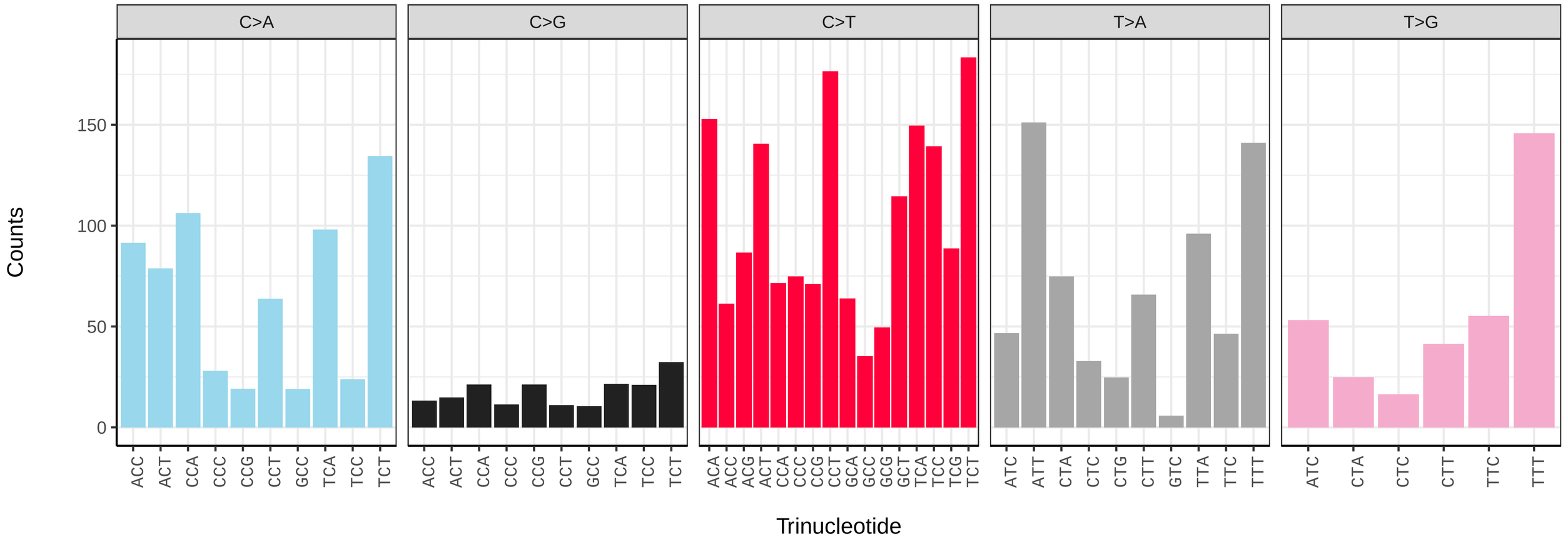
Trifolium fragiferum (drTriFrag1) germline mutational spectrum



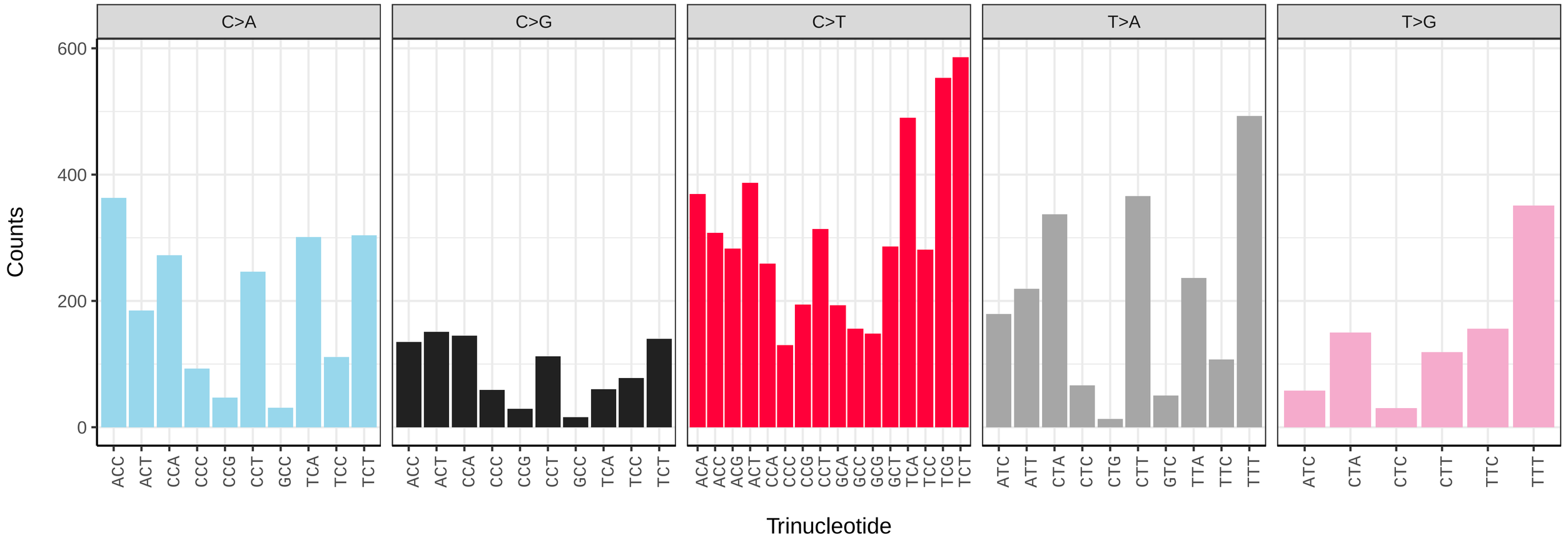
Trifolium fragiferum (drTriFrag1) somatic mutational spectrum (SBS96 classification)



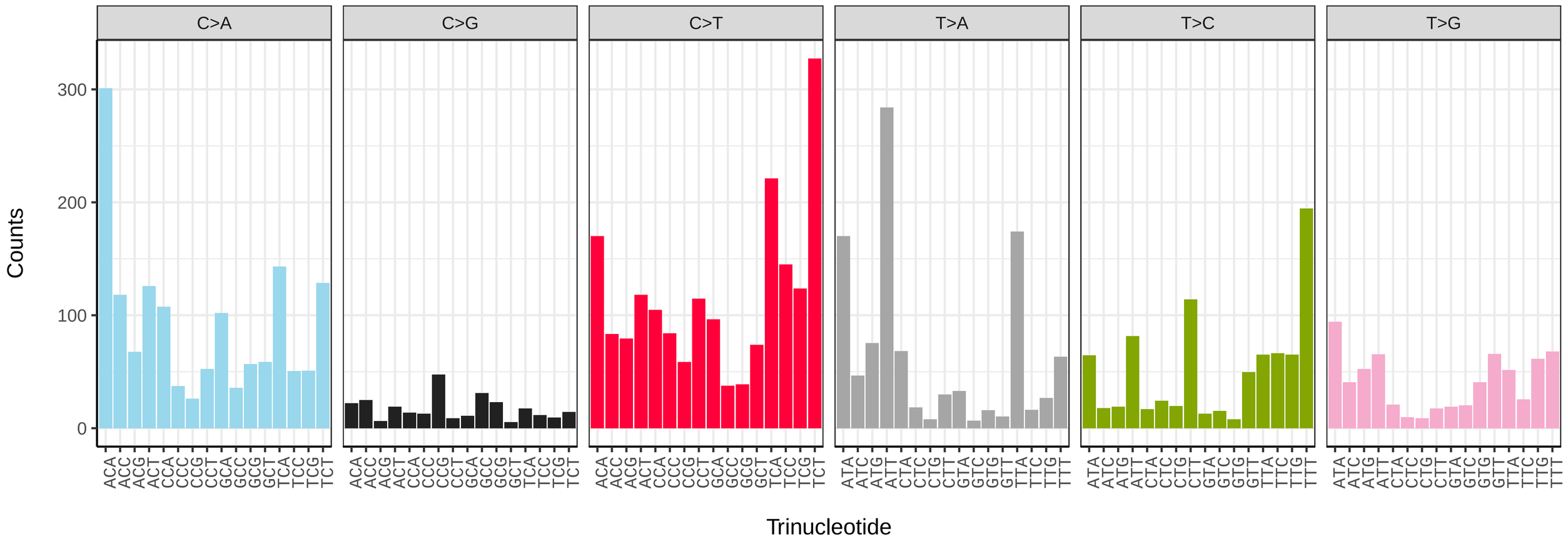
Trifolium fragiferum (drTriFrag1) somatic mutational spectrum (SBS52 classification)



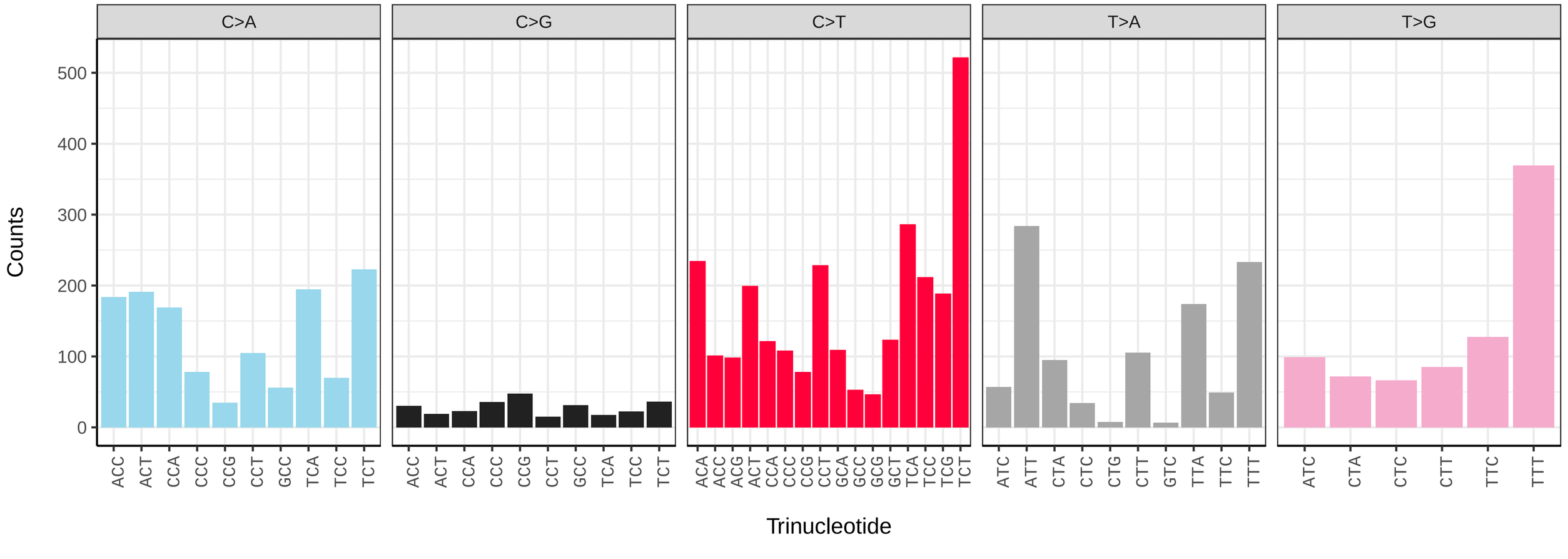
Trifolium subterraneum (drTriSubt1) germline mutational spectrum



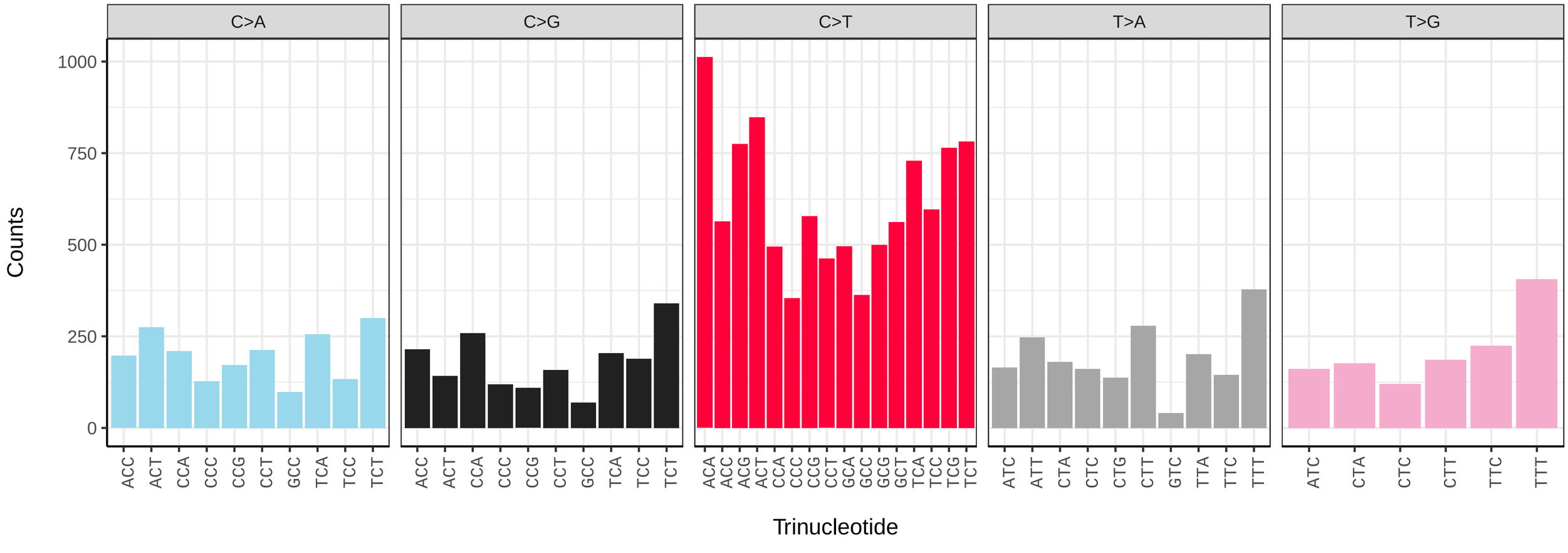
Trifolium subterraneum (drTriSubt1) somatic mutational spectrum (SBS96 classification)



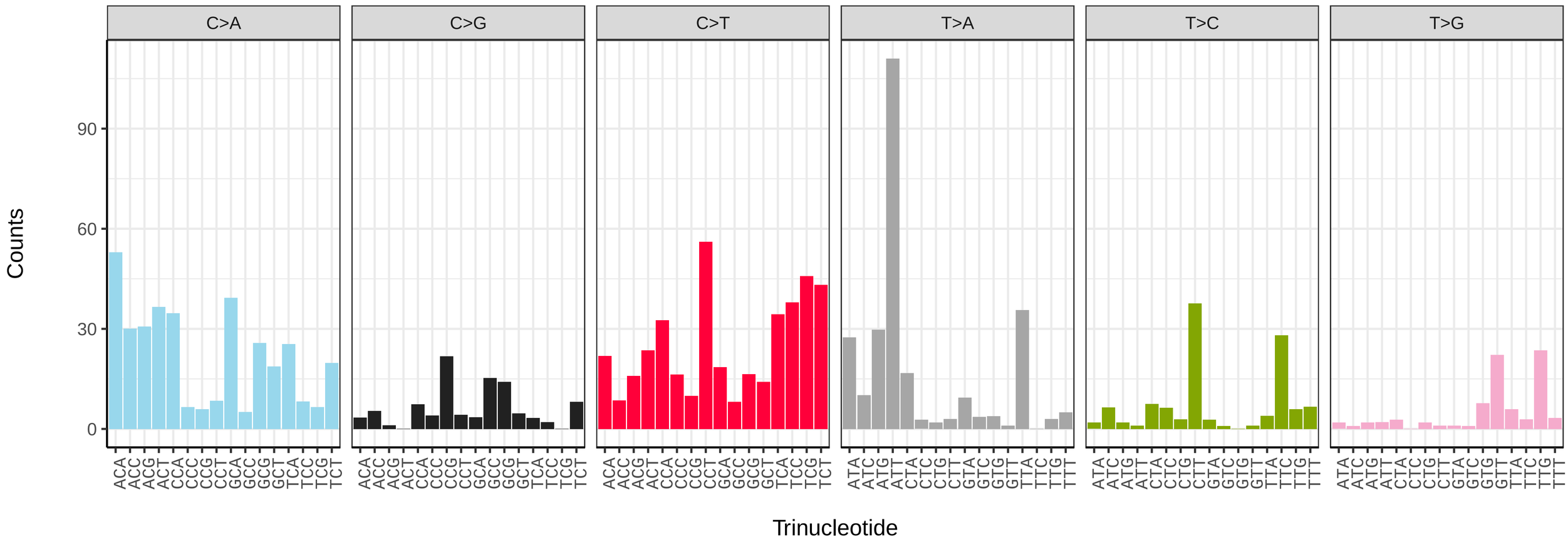
Trifolium subterraneum (drTriSubt1) somatic mutational spectrum (SBS52 classification)



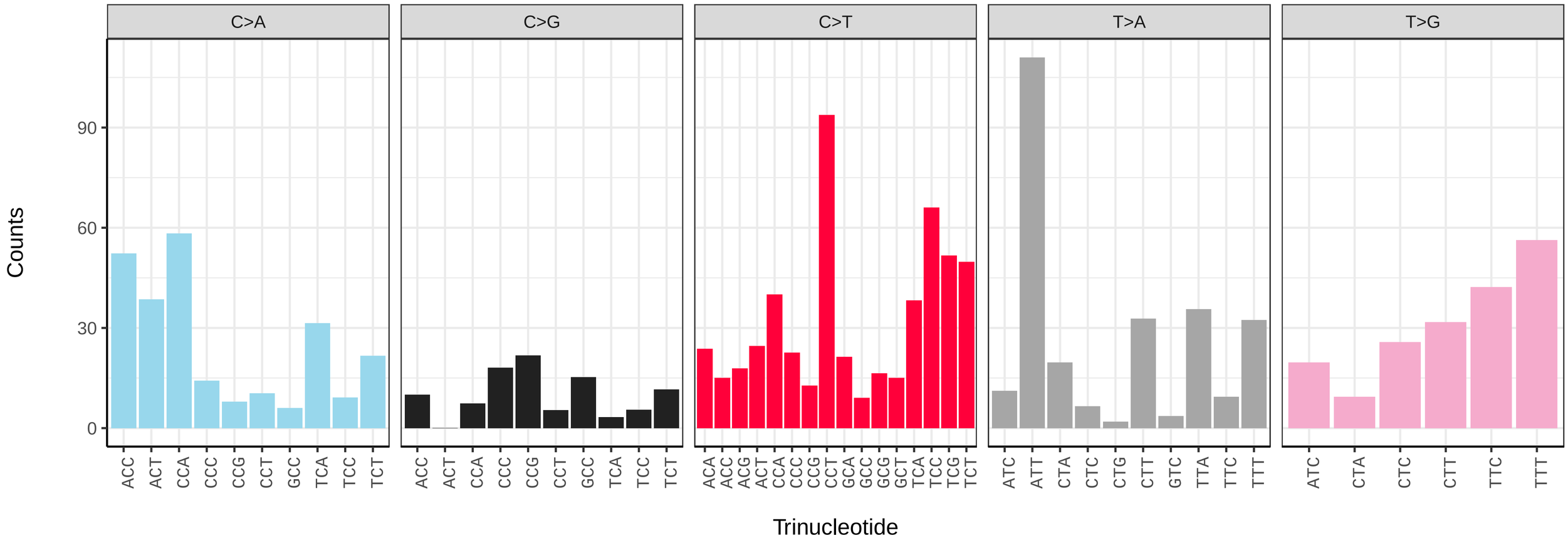
Umbilicus rupestris (drUmbRupe1) germline mutational spectrum



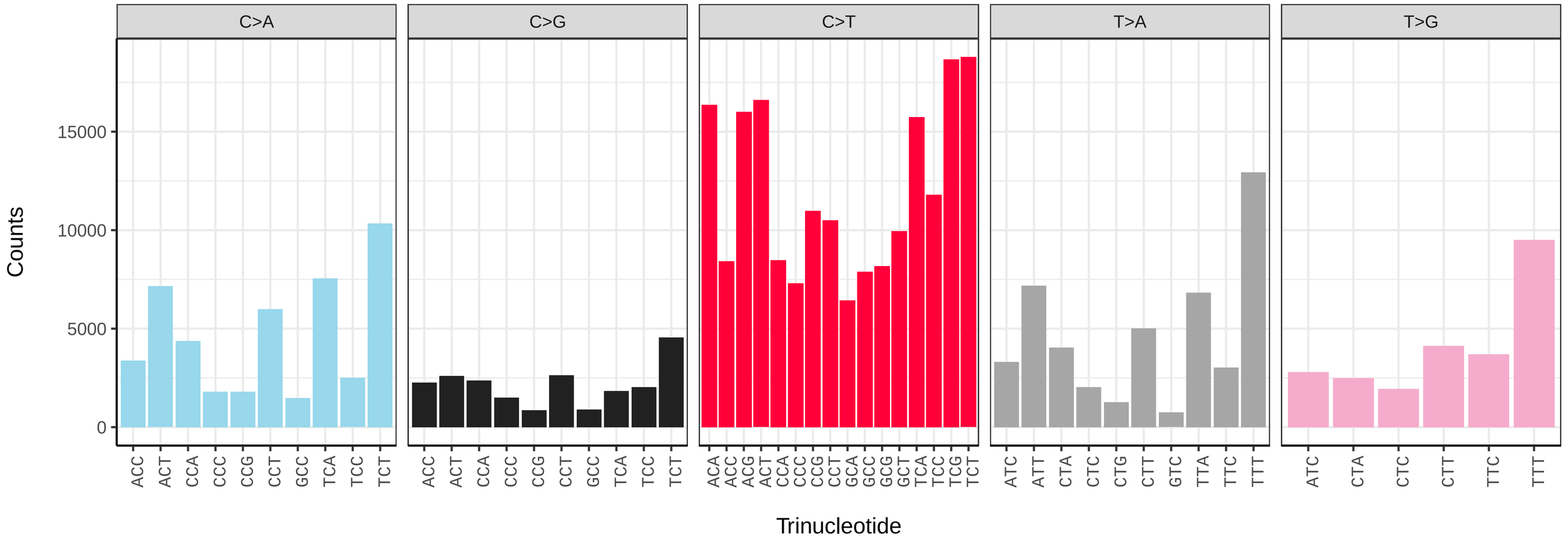
Umbilicus rupestris (drUmbRupe1) somatic mutational spectrum (SBS96 classification)



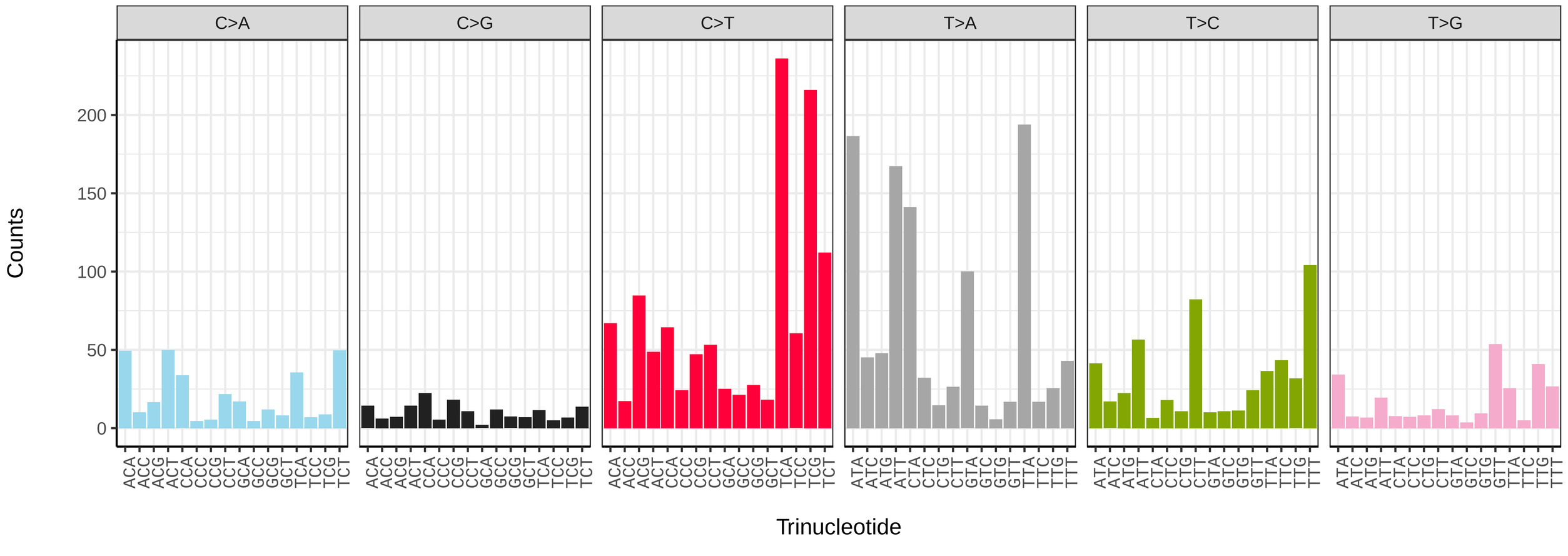
Umbilicus rupestris (drUmbRupe1) somatic mutational spectrum (SBS52 classification)



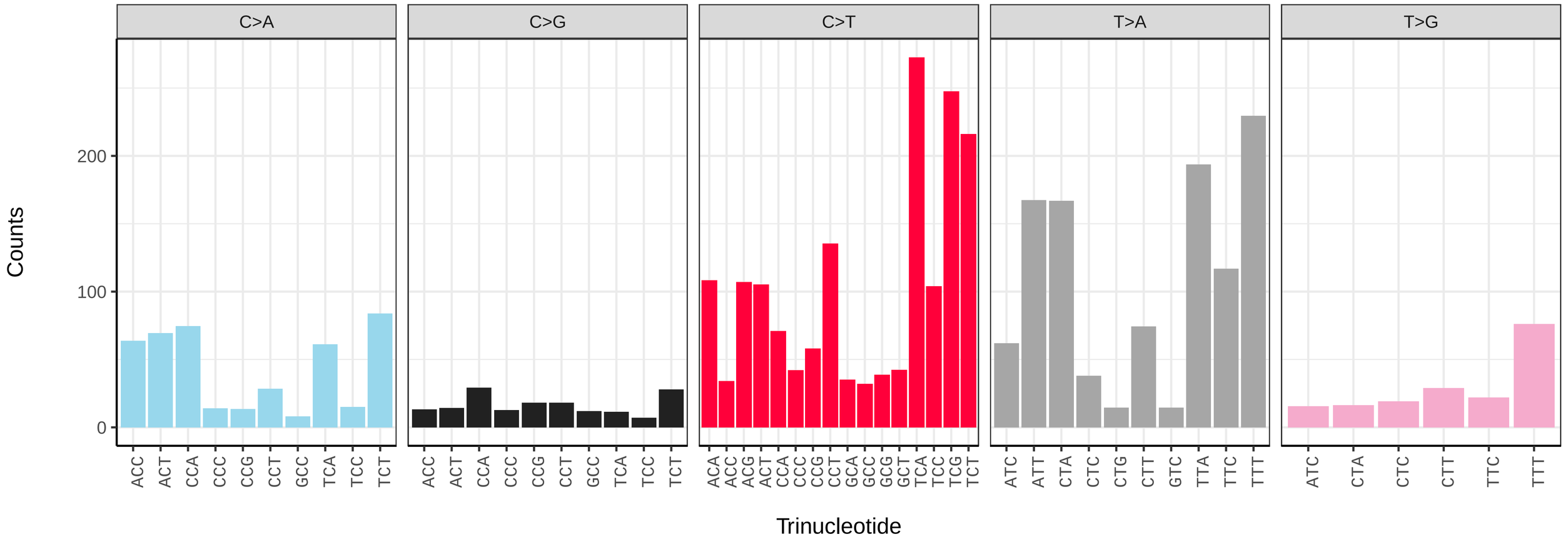
Urica urens (drUrtUren1) germline mutational spectrum



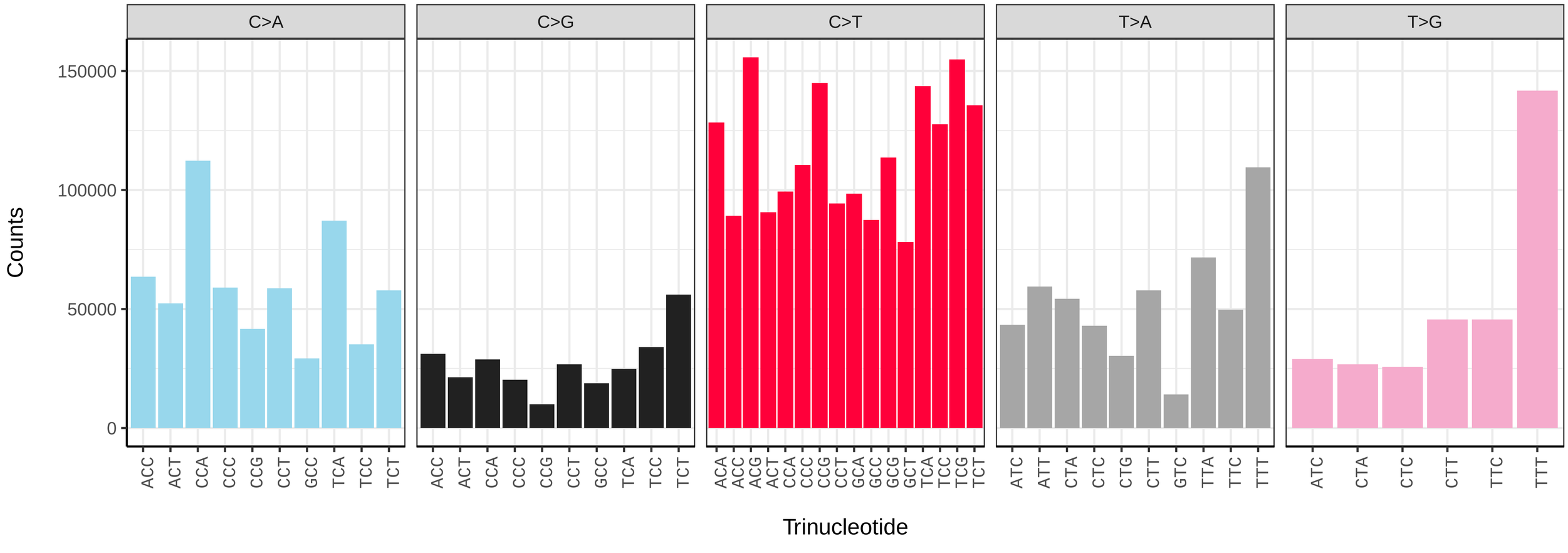
Urica urens (drUrtUren1) somatic mutational spectrum (SBS96 classification)



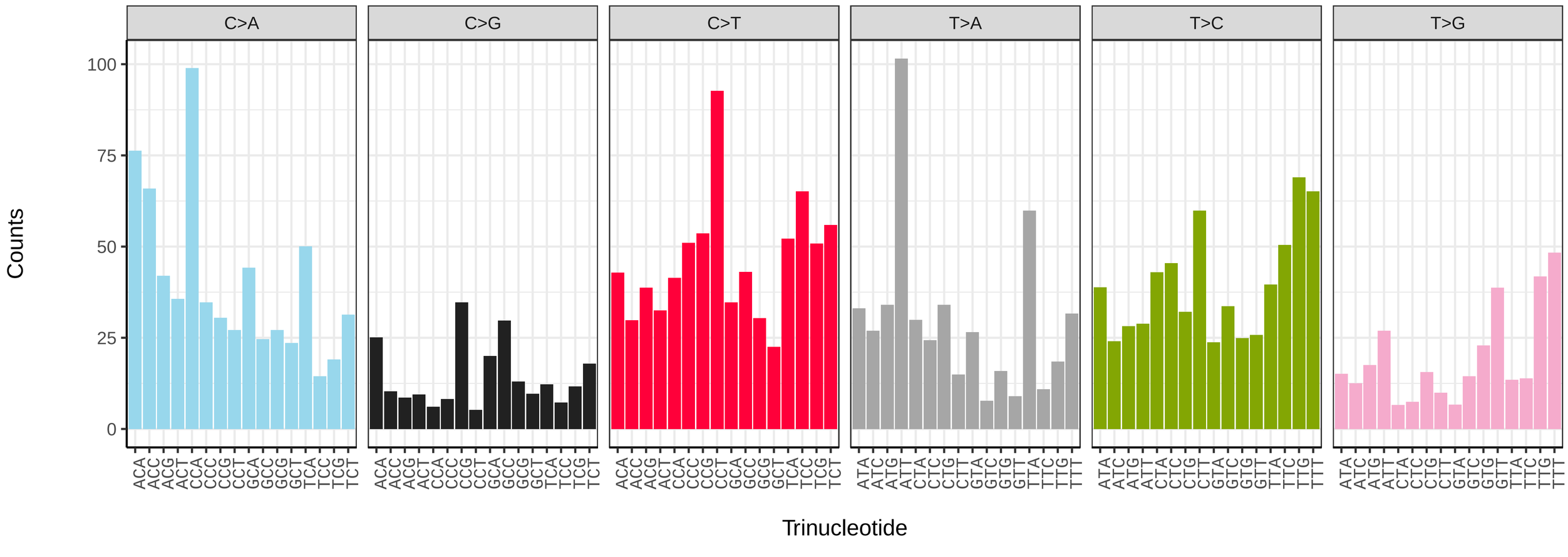
Urica urens (drUrtUren1) somatic mutational spectrum (SBS52 classification)



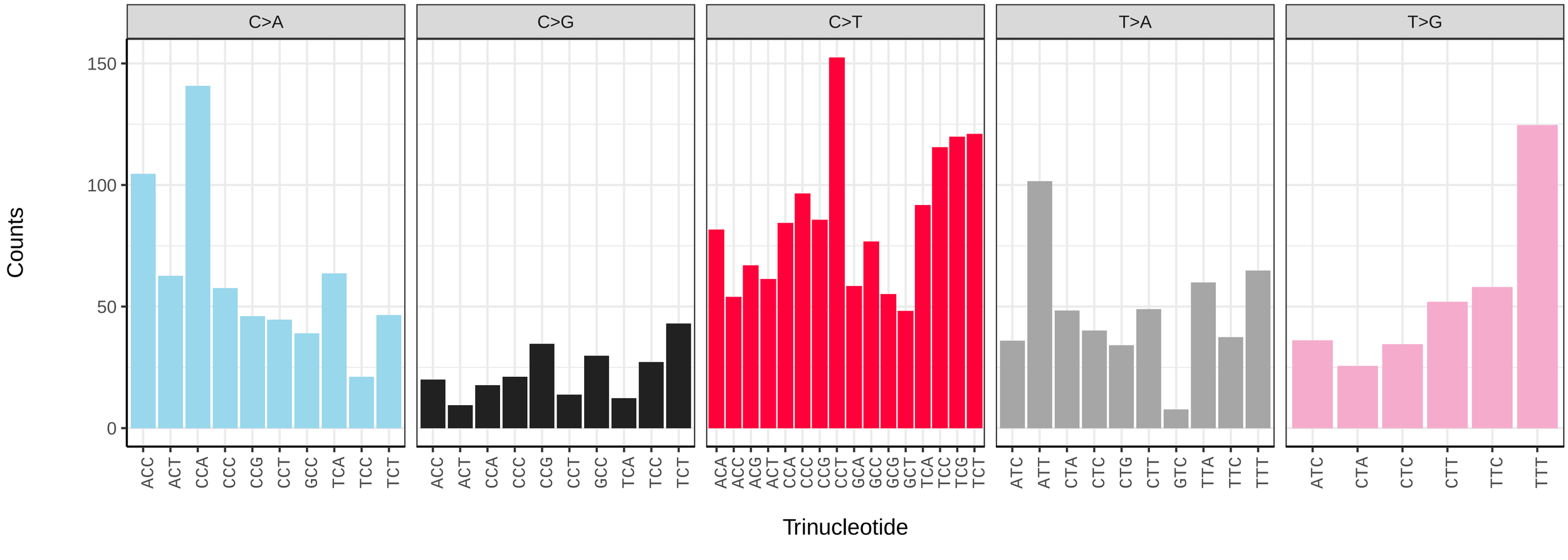
Luidia sarsii (eaLuiSars1) germline mutational spectrum



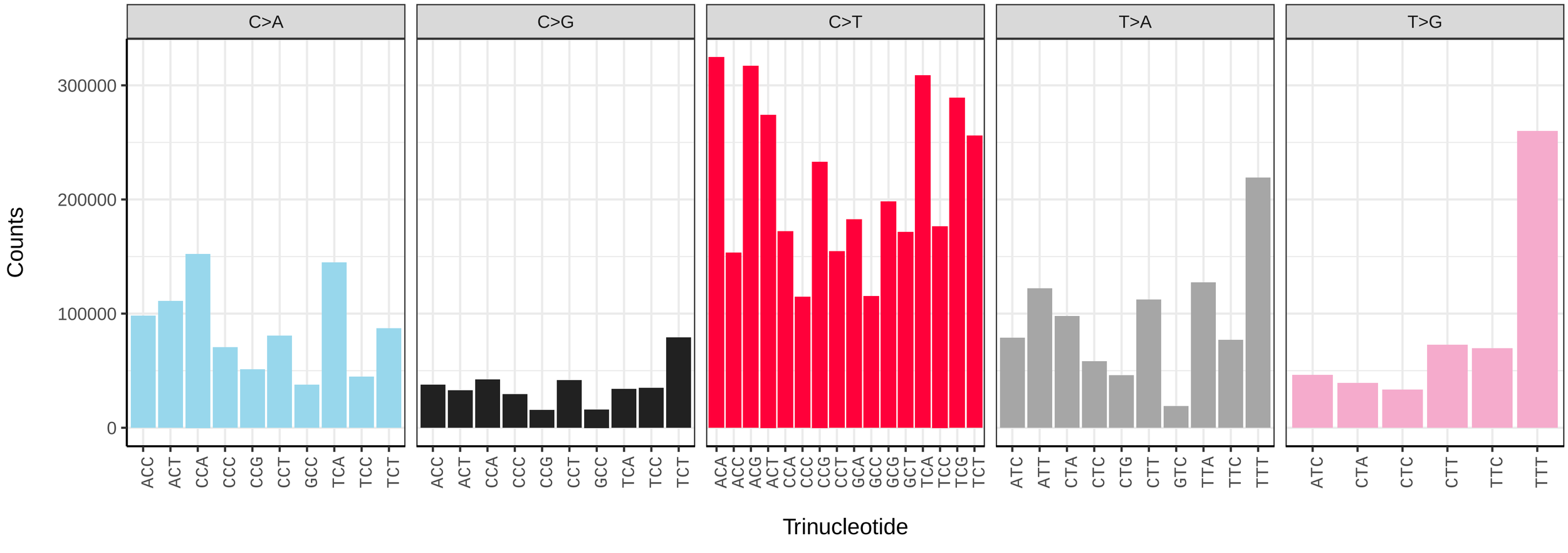
Luidia sarsii (eaLuiSars1) somatic mutational spectrum (SBS96 classification)



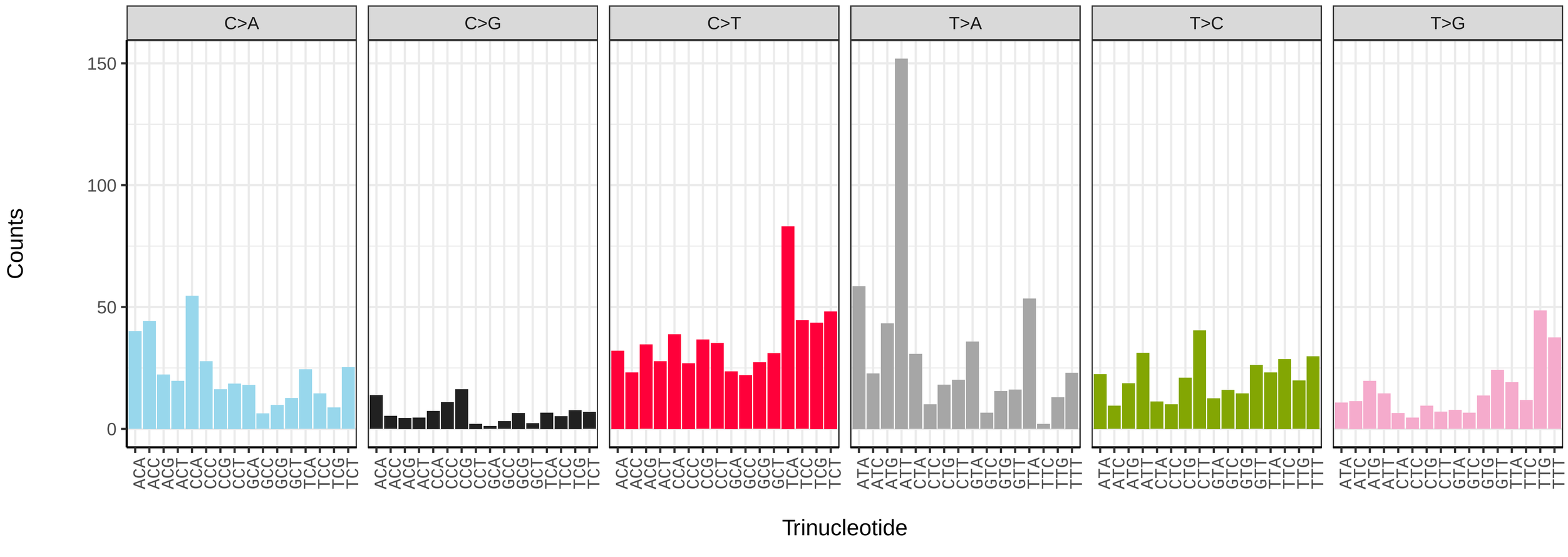
Luidia sarsii (eaLuiSars1) somatic mutational spectrum (SBS52 classification)



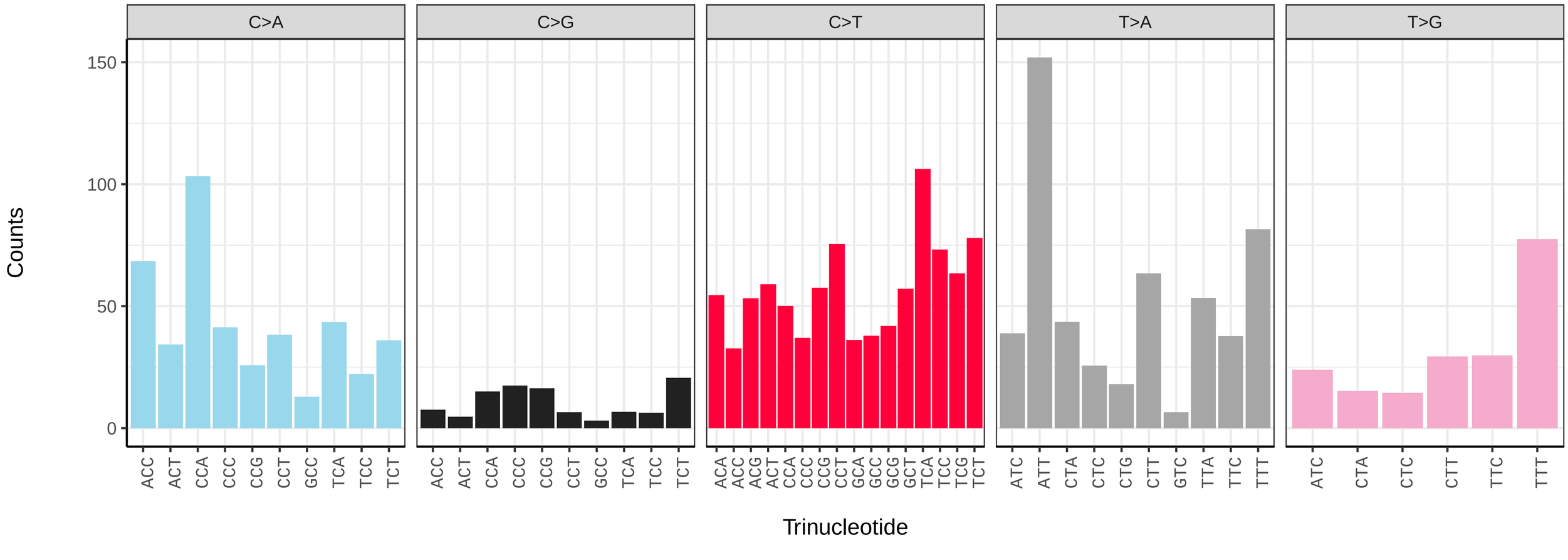
Marthasterias glacialis (eaMarGlac1) germline mutational spectrum



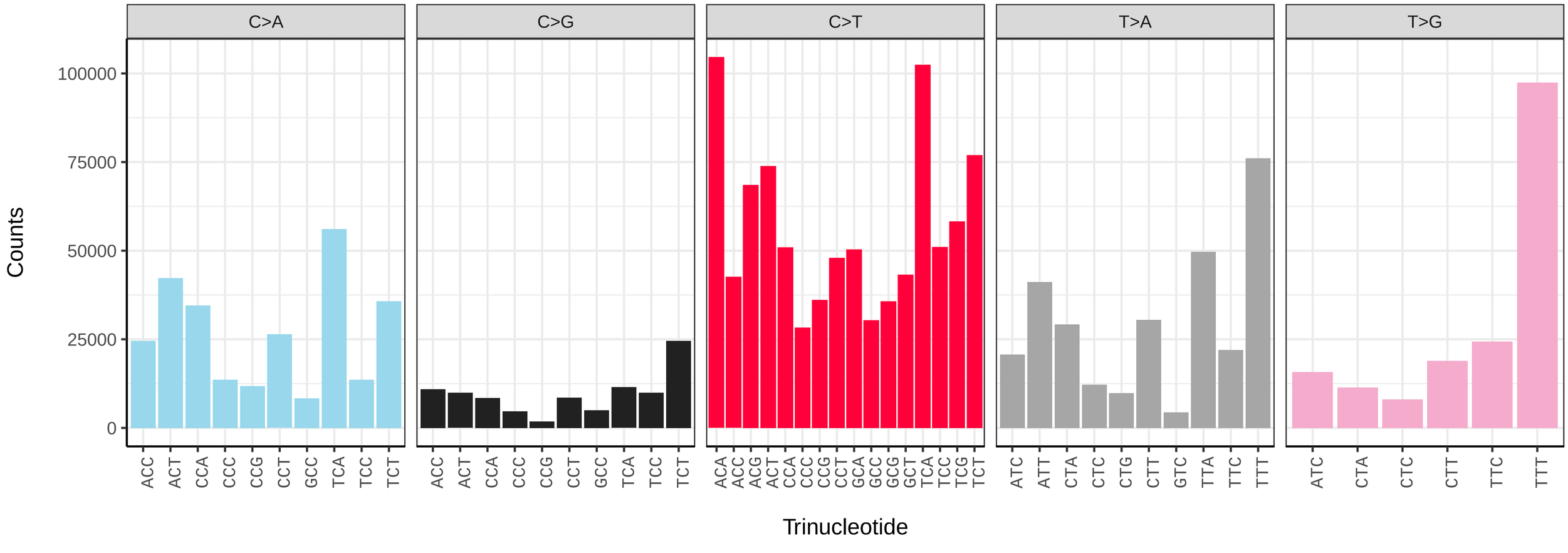
Marthasterias glacialis (eaMarGlac1) somatic mutational spectrum (SBS96 classification)



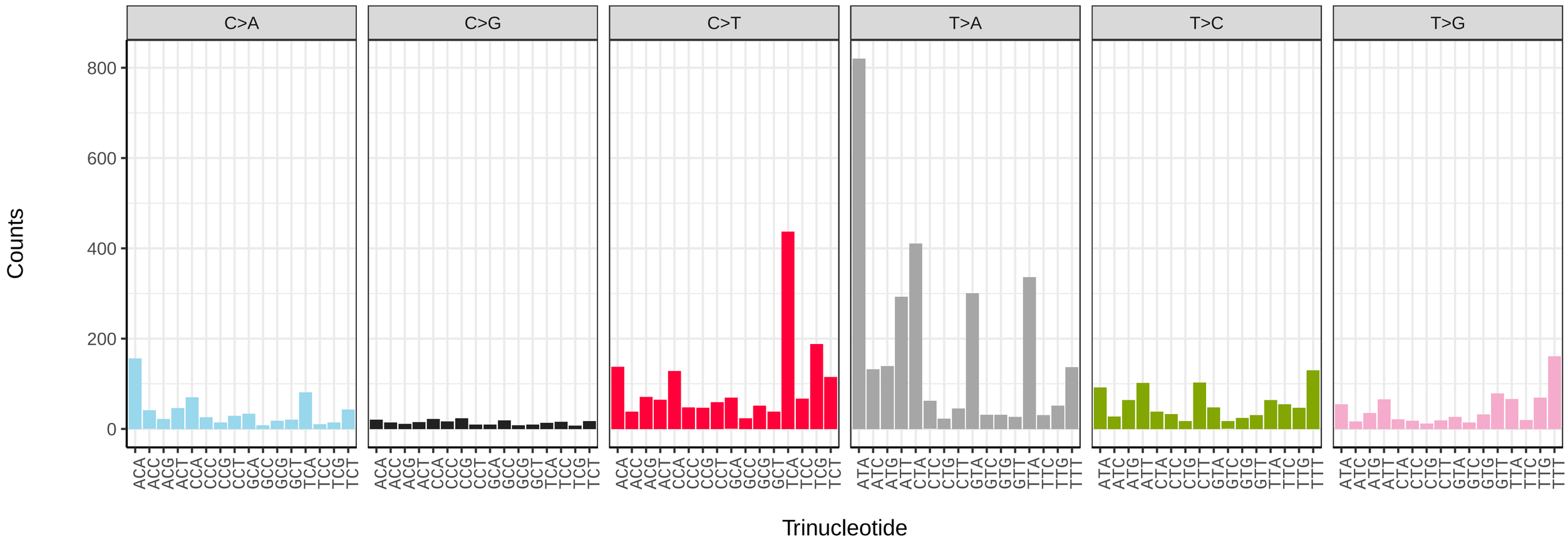
Marthasterias glacialis (eaMarGlac1) somatic mutational spectrum (SBS52 classification)



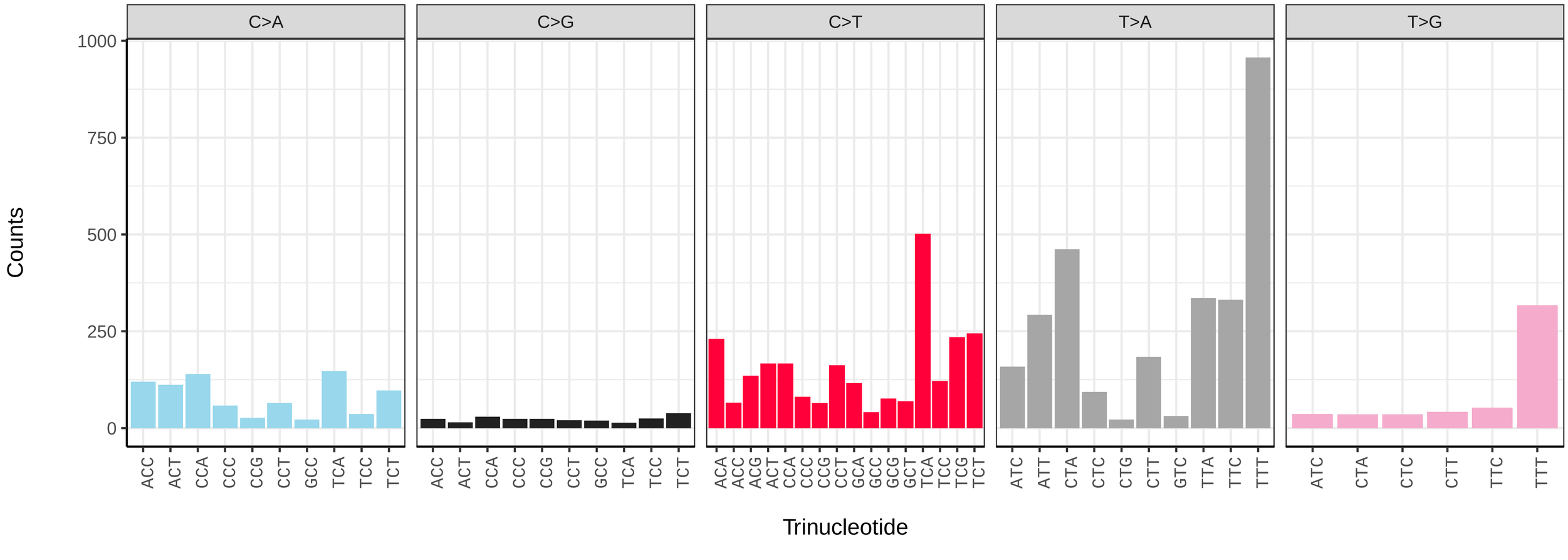
Antedon bifida (ecAntBifi1) germline mutational spectrum



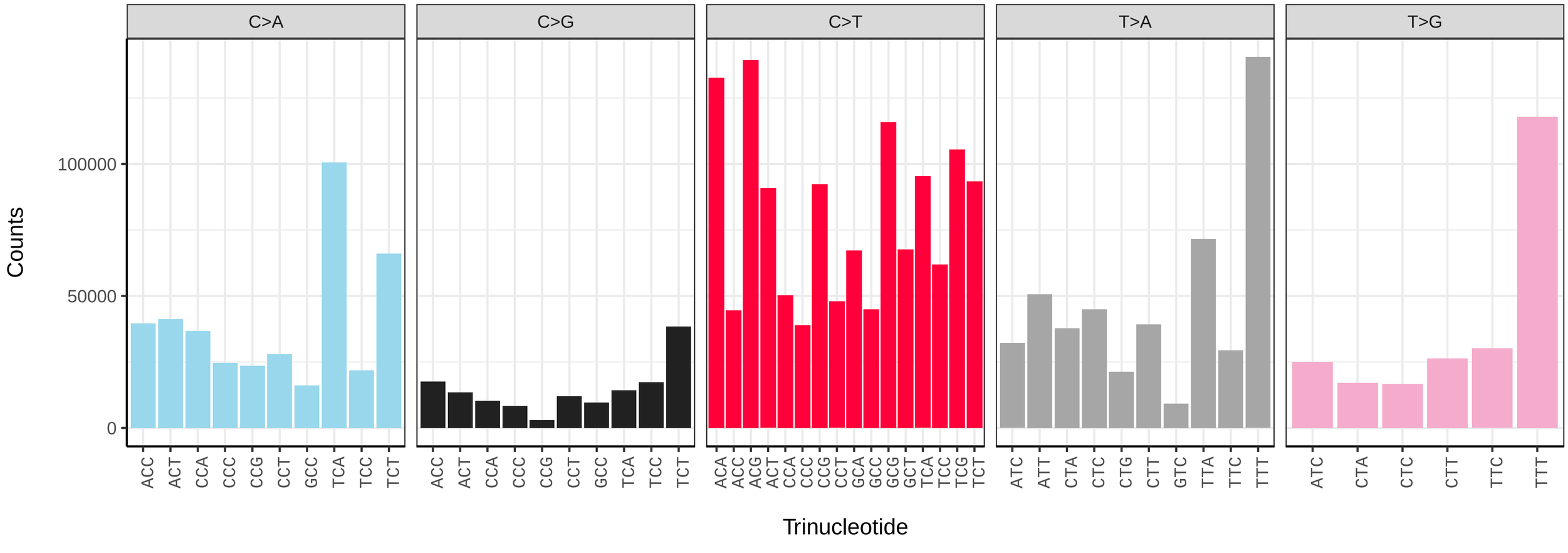
Antedon bifida (ecAntBifi1) somatic mutational spectrum (SBS96 classification)



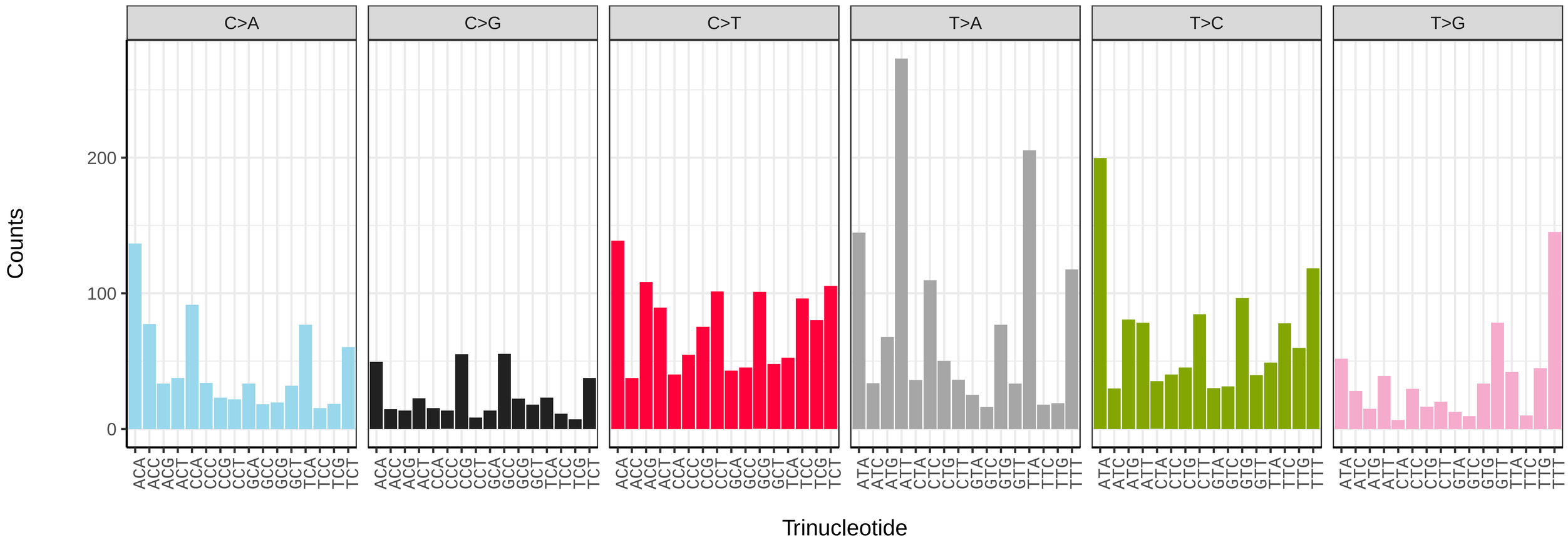
Antedon bifida (ecAntBifi1) somatic mutational spectrum (SBS52 classification)



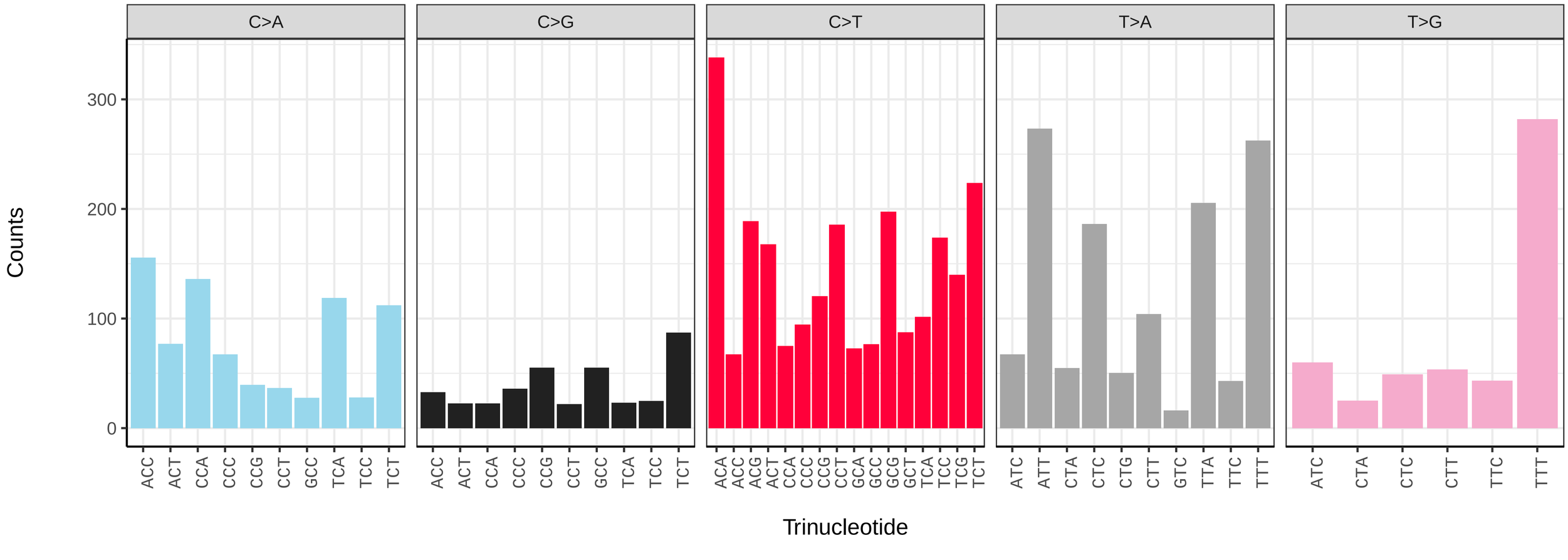
Abramis brama (fAbrBra2) germline mutational spectrum



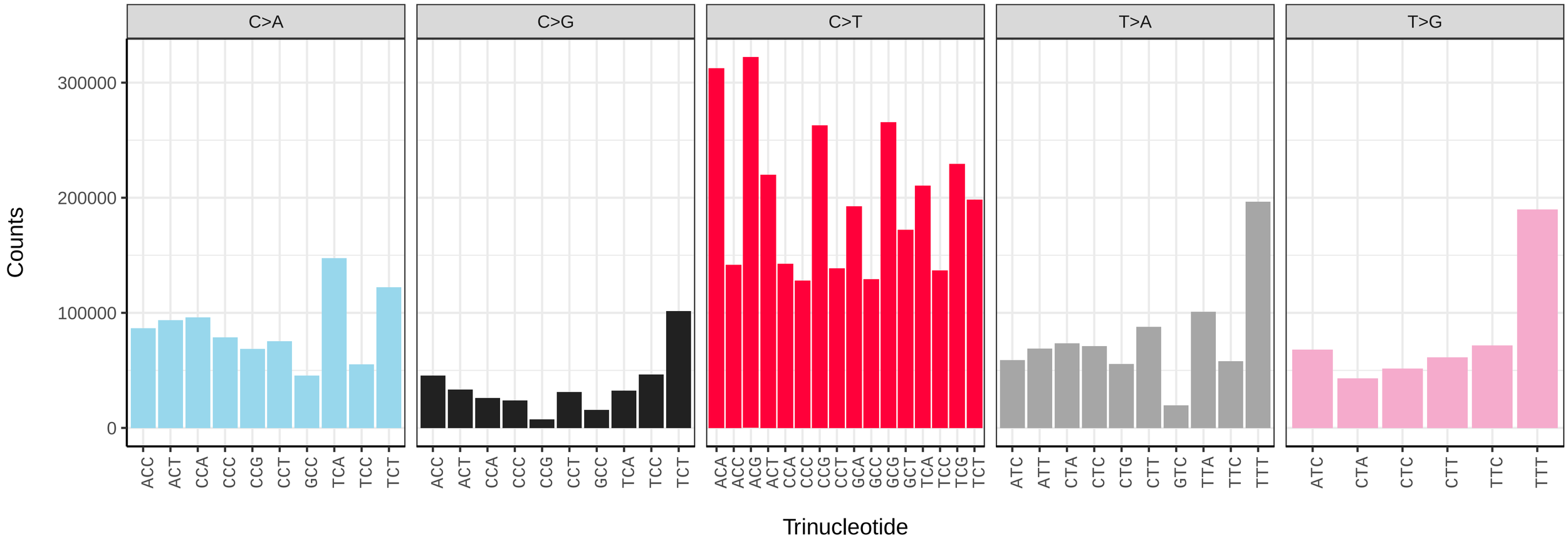
Abramis brama (fAbrBra2) somatic mutational spectrum (SBS96 classification)



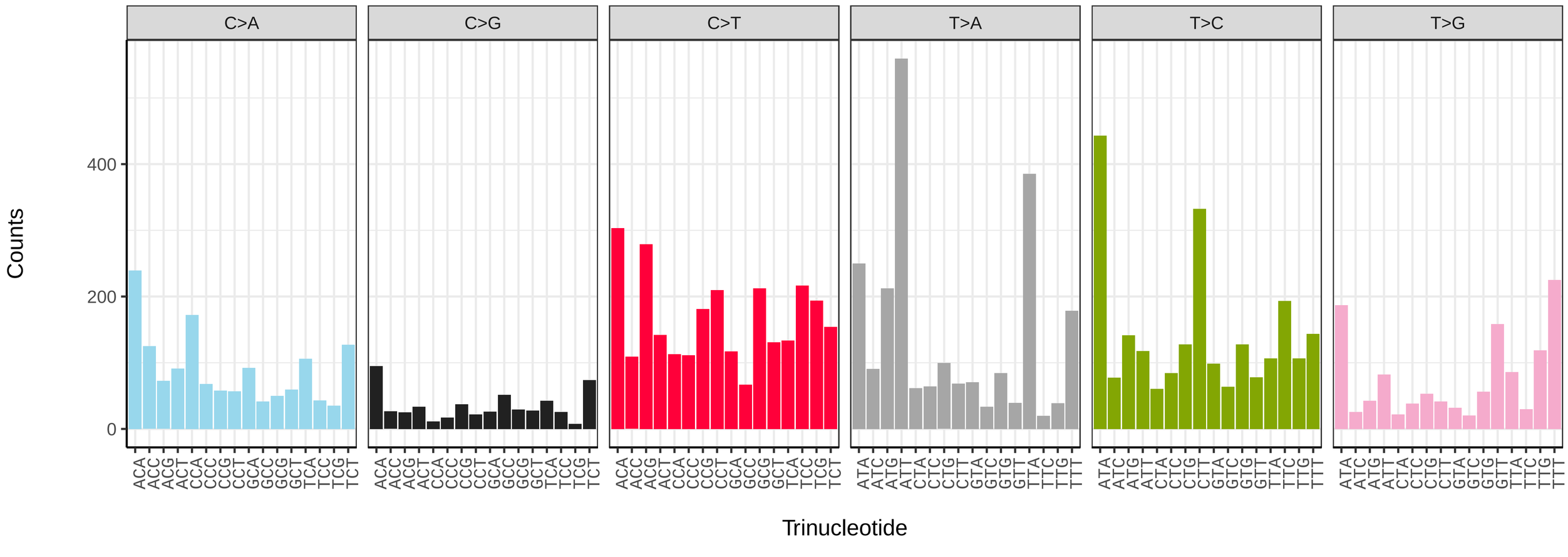
Abramis brama (fAbrBra2) somatic mutational spectrum (SBS52 classification)



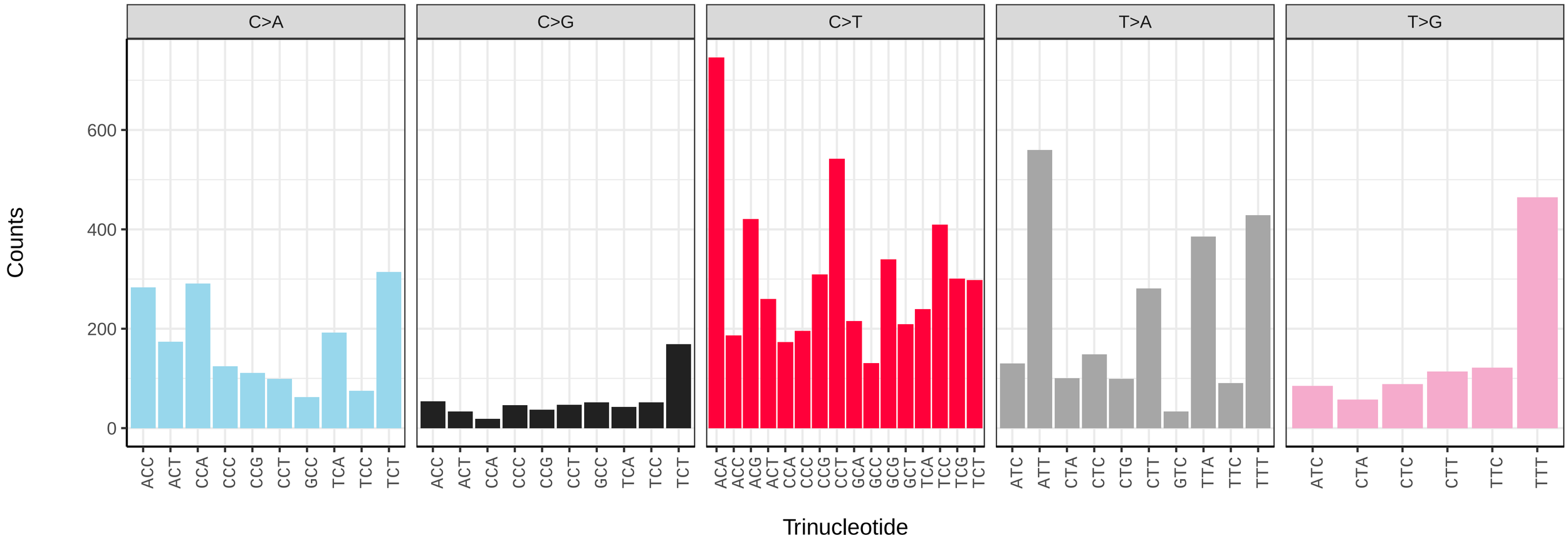
Acipenser ruthenus (fAciRut3) germline mutational spectrum



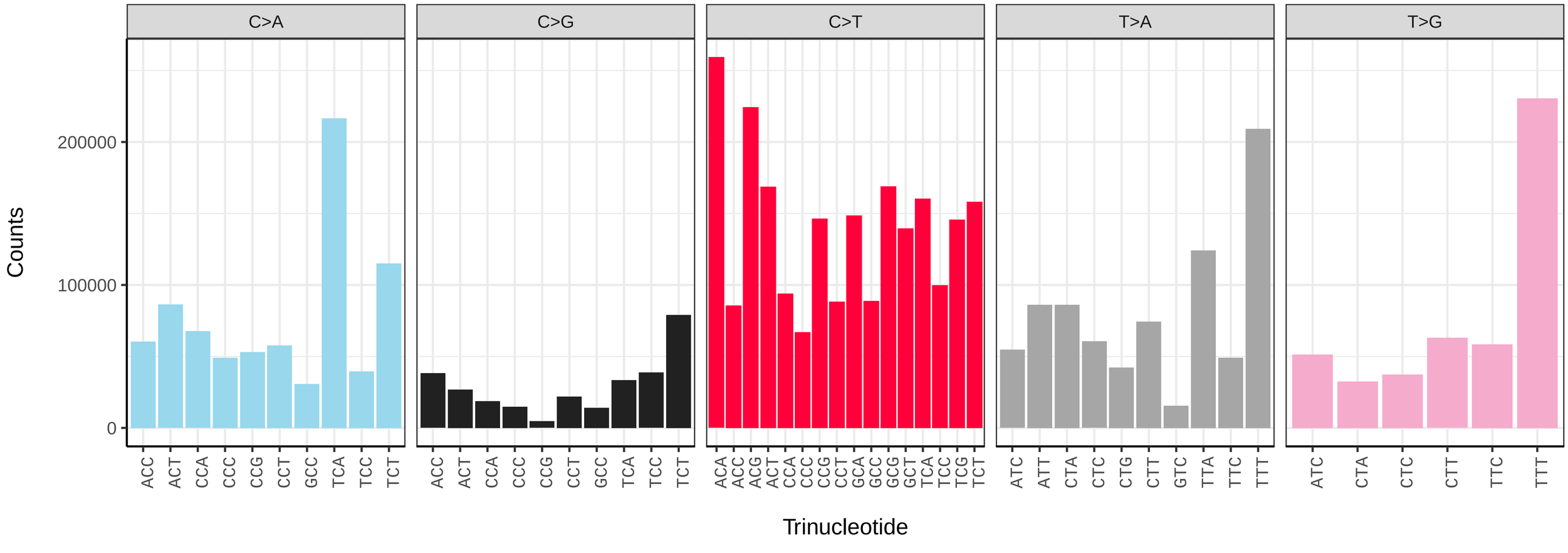
Acipenser ruthenus (fAciRut3) somatic mutational spectrum (SBS96 classification)



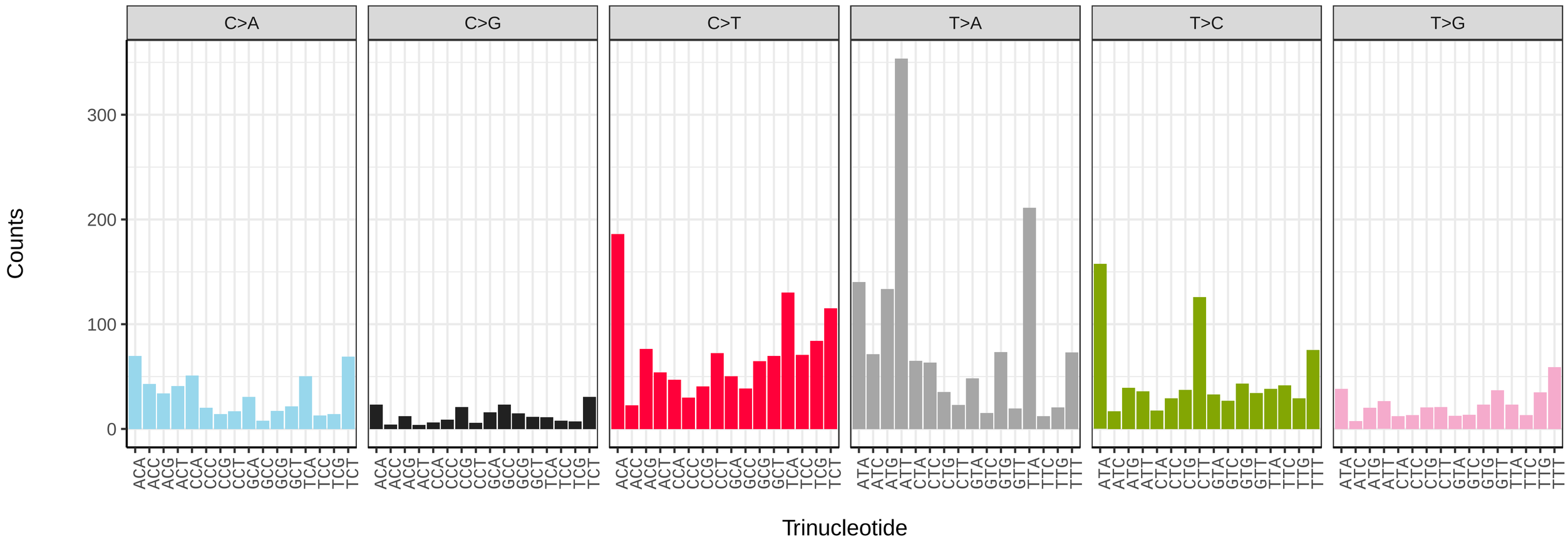
Acipenser ruthenus (fAciRut3) somatic mutational spectrum (SBS52 classification)



Barbus barbus (fBarBab1) germline mutational spectrum



Barbus barbus (fBarBab1) somatic mutational spectrum (SBS96 classification)



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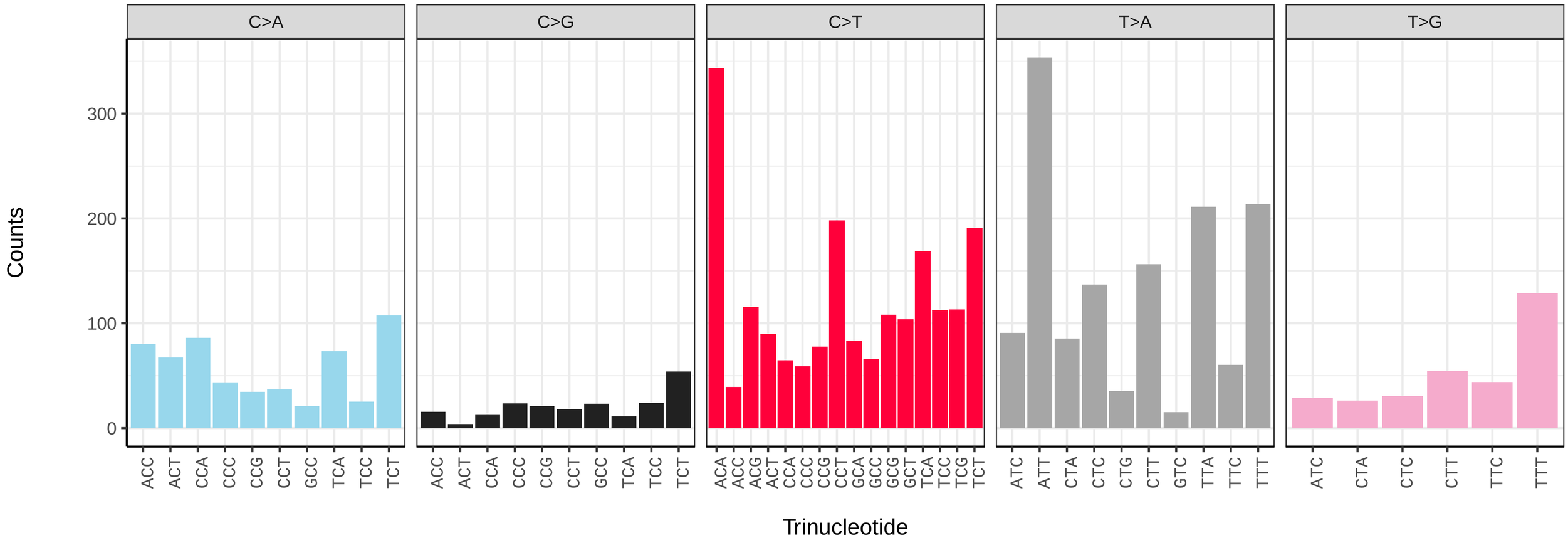
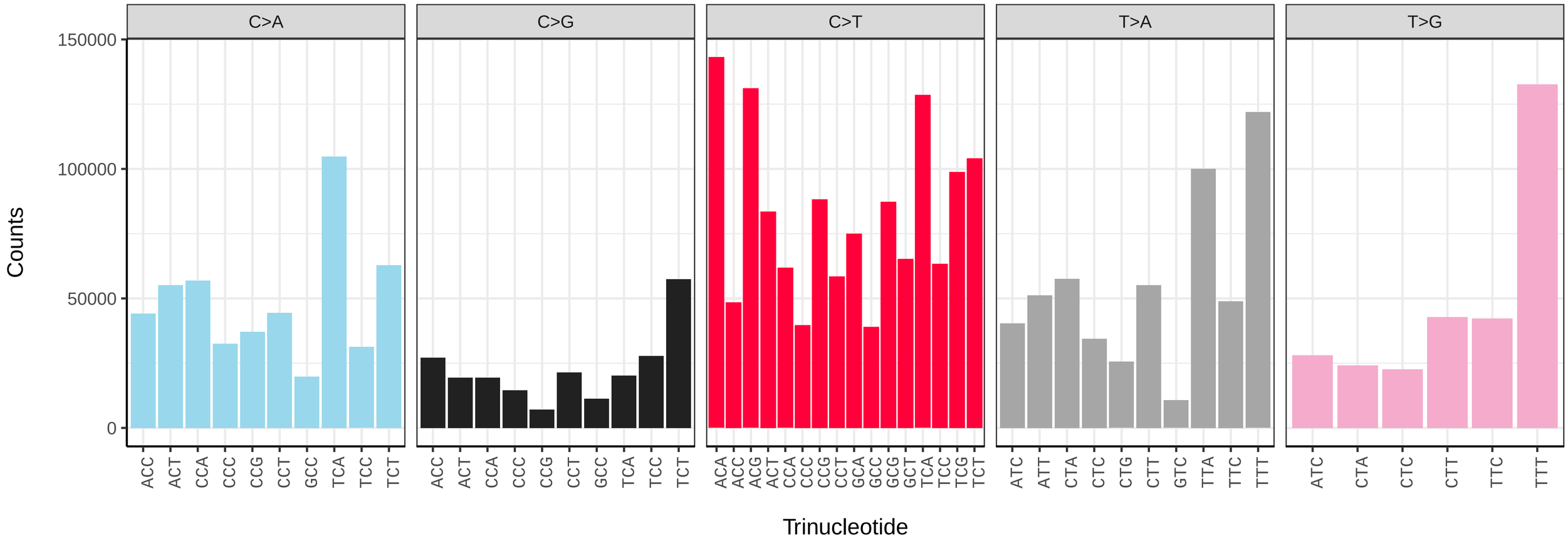
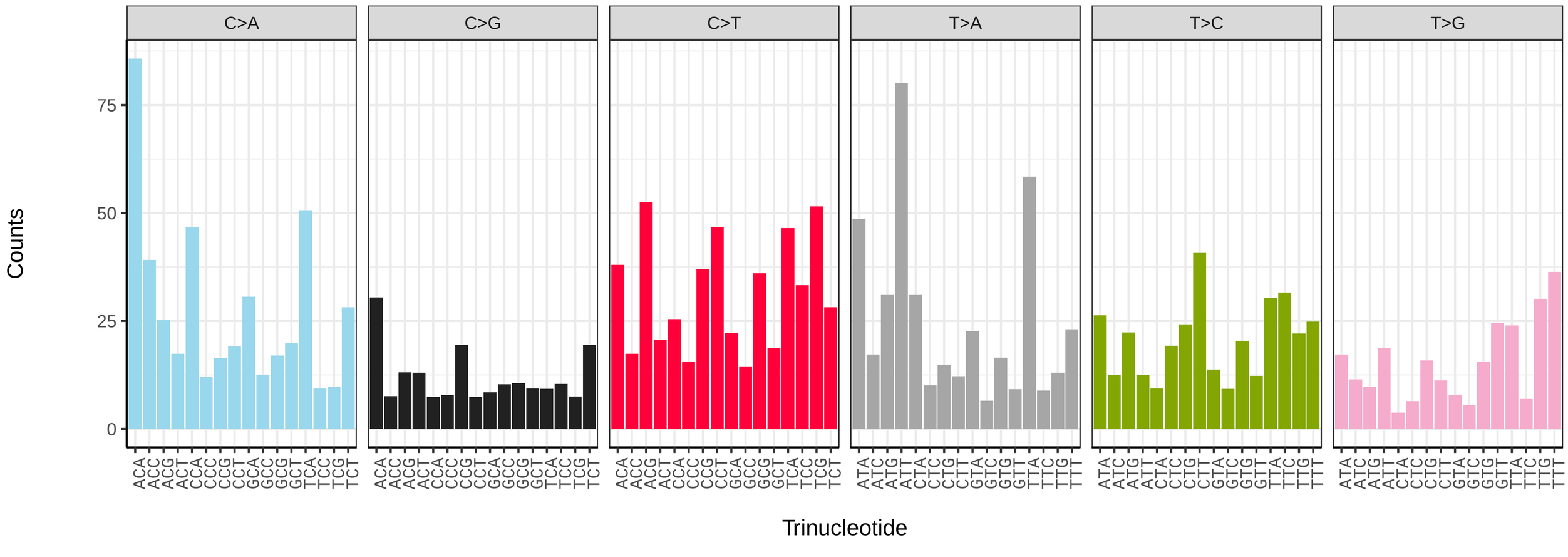


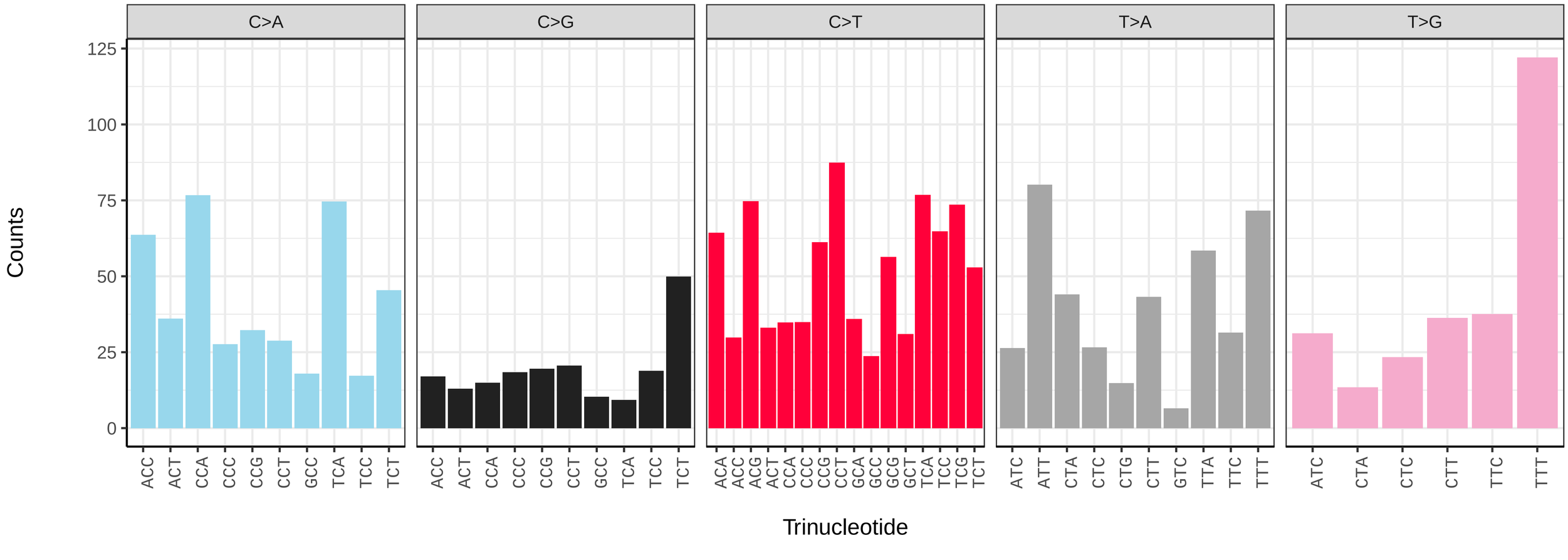
Barbatula barbatula (fBarBar1) germline mutational spectrum



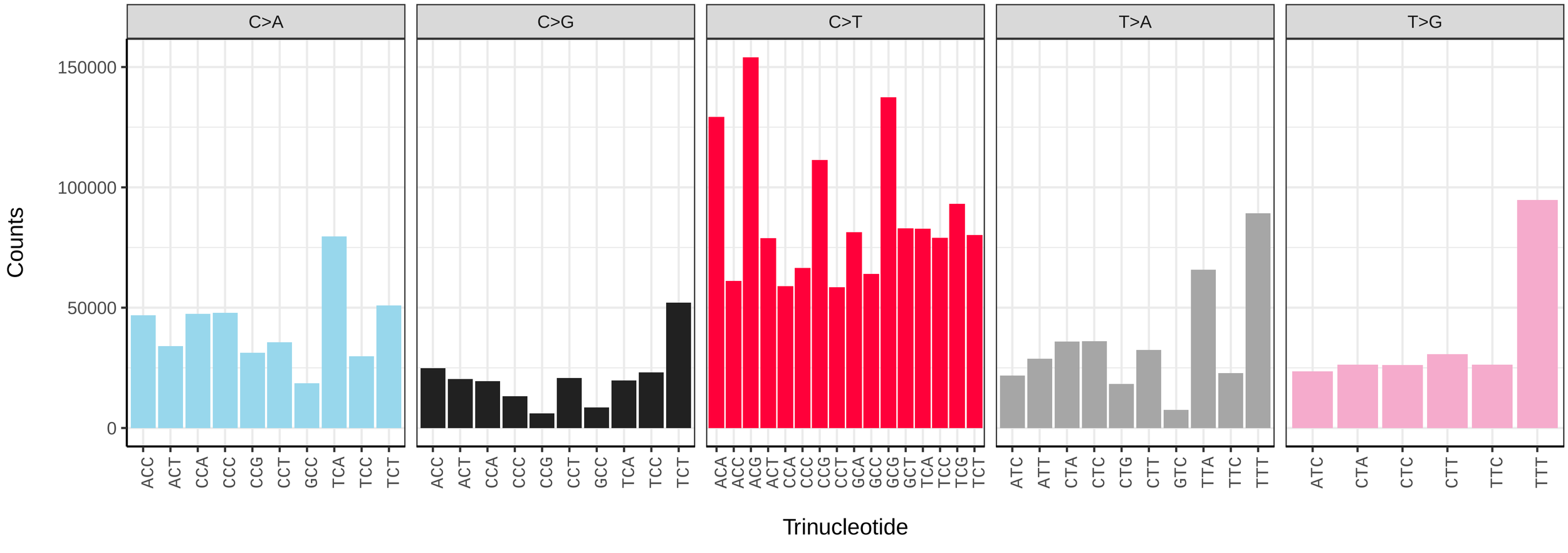
Barbatula barbatula (fBarBar1) somatic mutational spectrum (SBS96 classification)



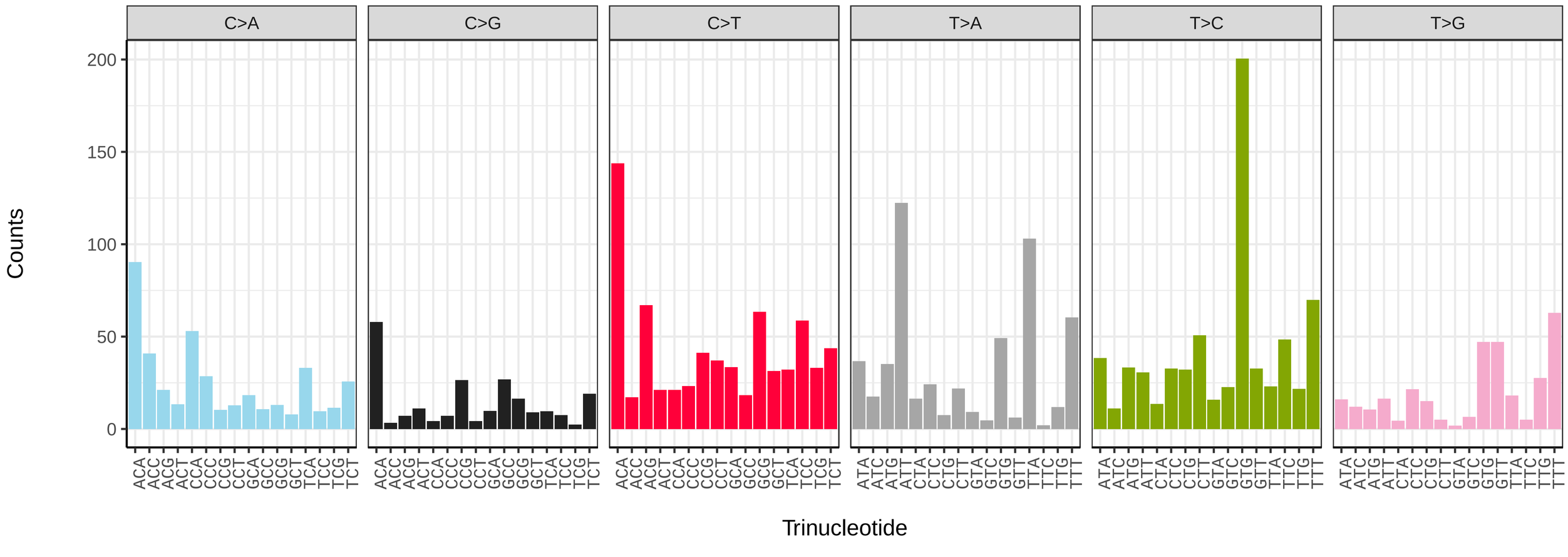
Barbatula barbatula (fBarBar1) somatic mutational spectrum (SBS52 classification)



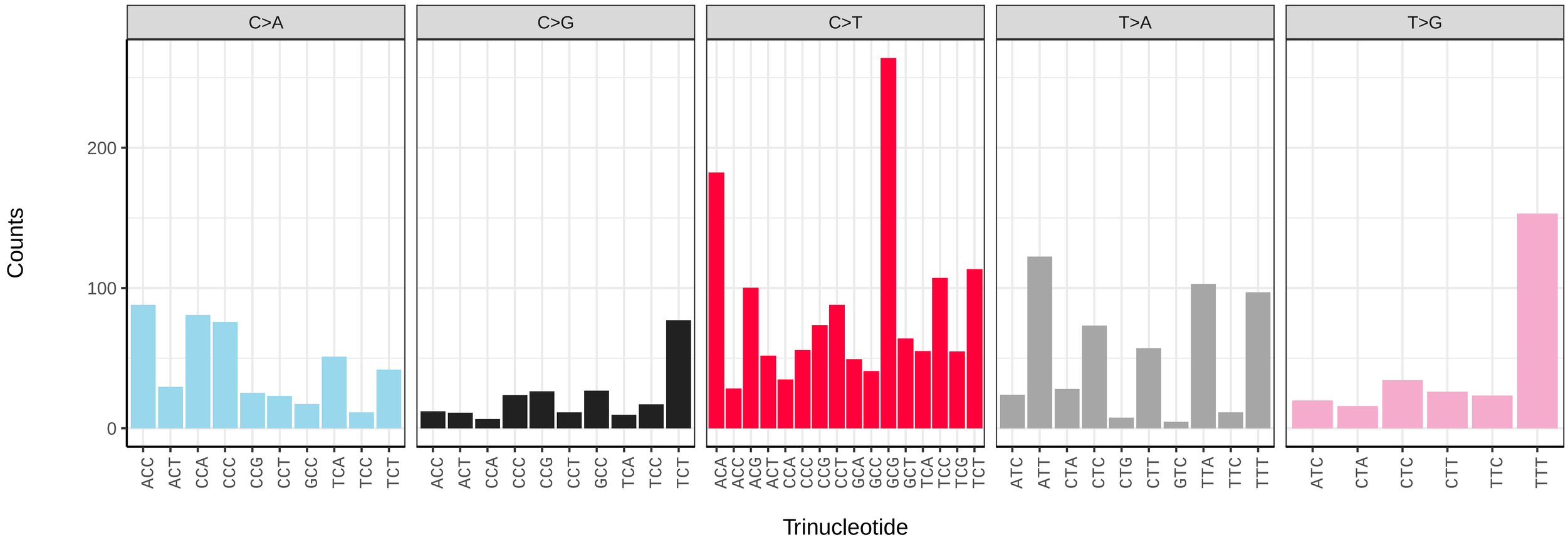
Blennius ocellaris (fBleOce1) germline mutational spectrum



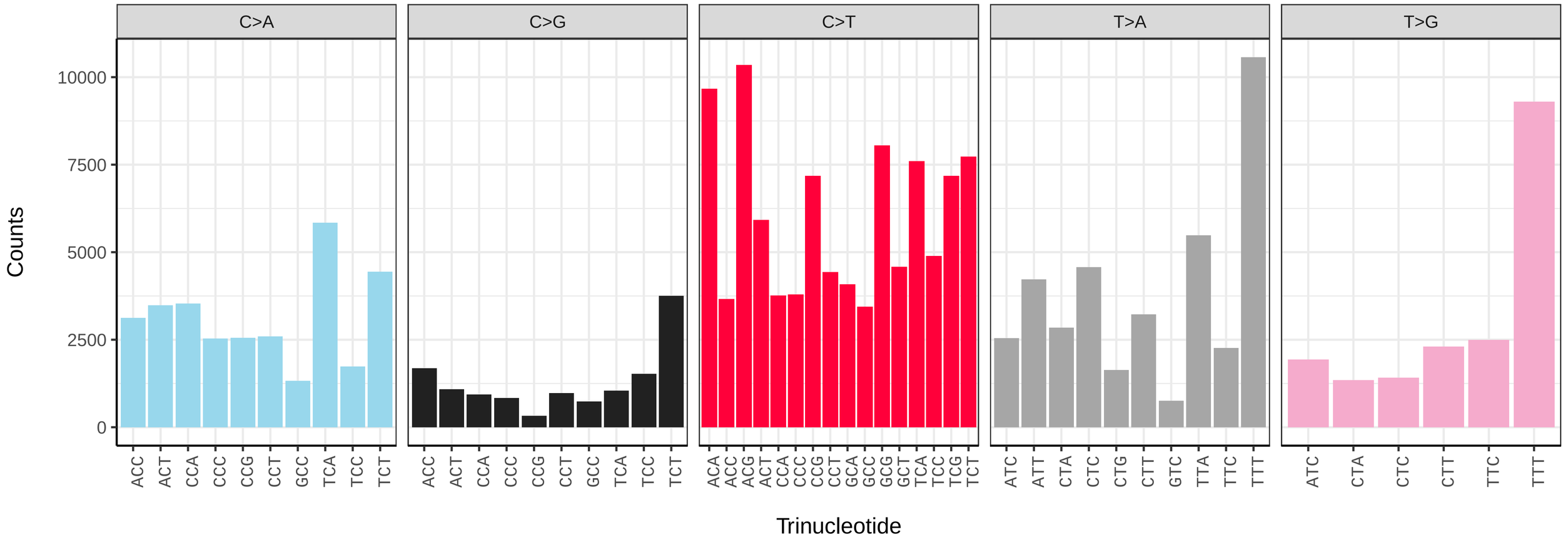
Blennius ocellaris (fBleOce1) somatic mutational spectrum (SBS96 classification)



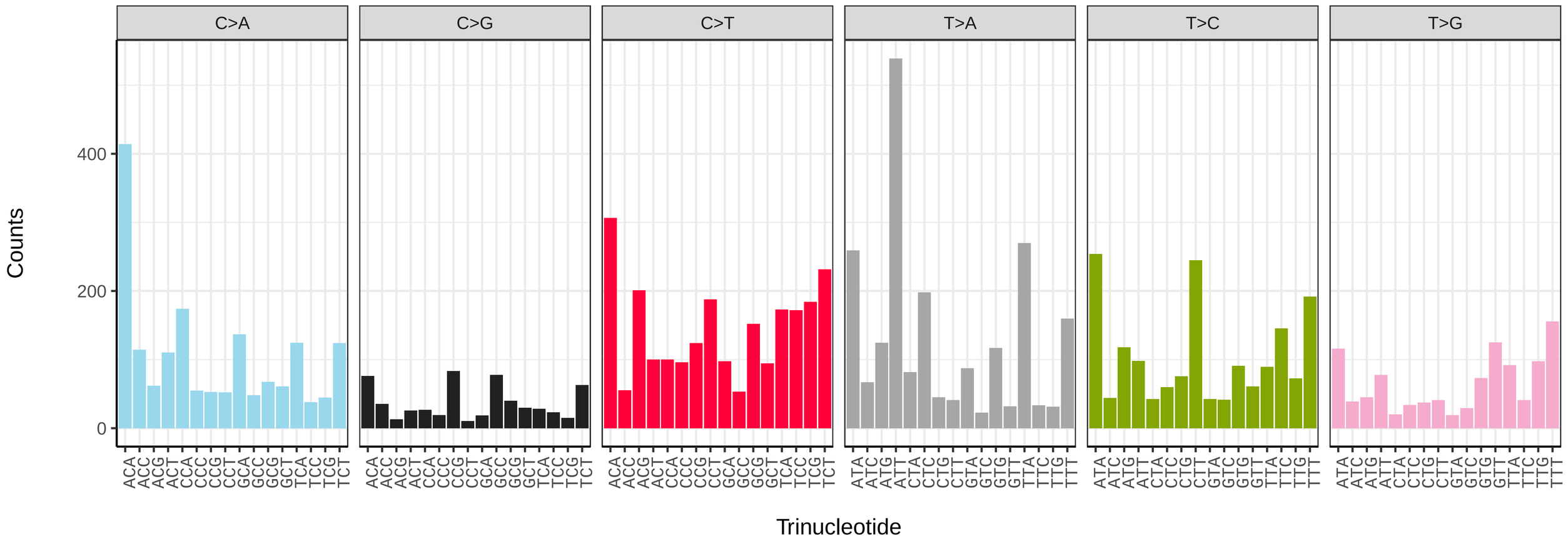
Blennius ocellaris (fBleOce1) somatic mutational spectrum (SBS52 classification)



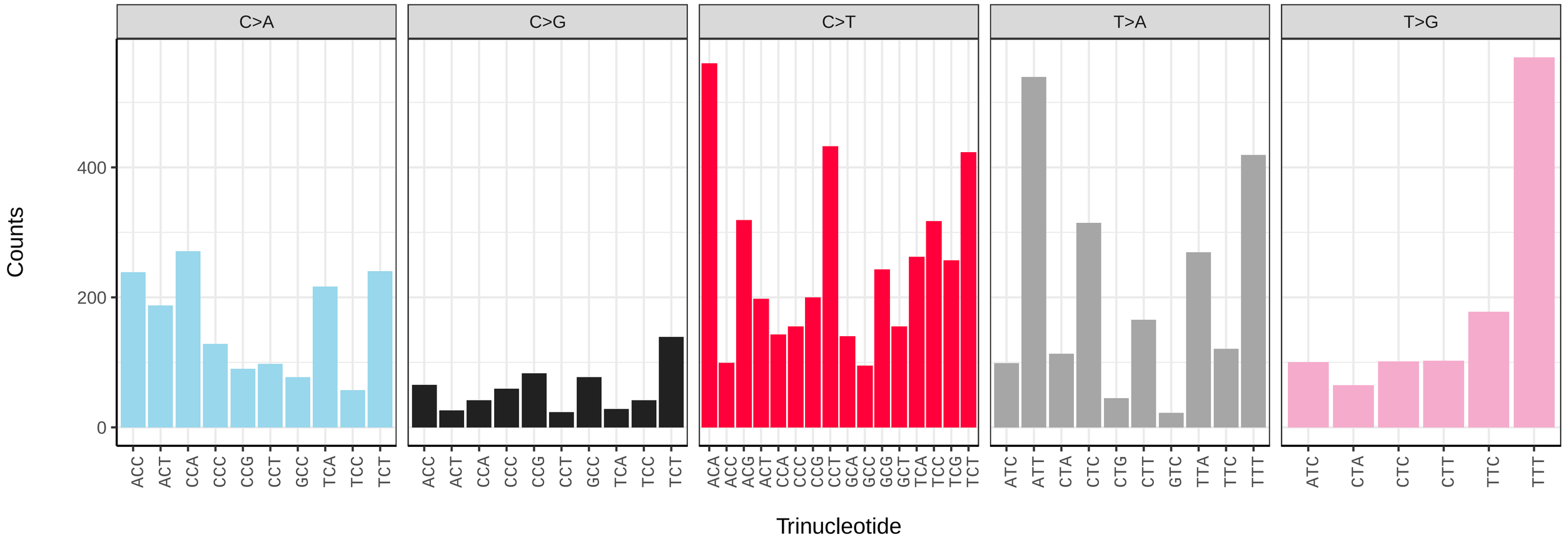
Carassius carassius (fCarCar2) germline mutational spectrum



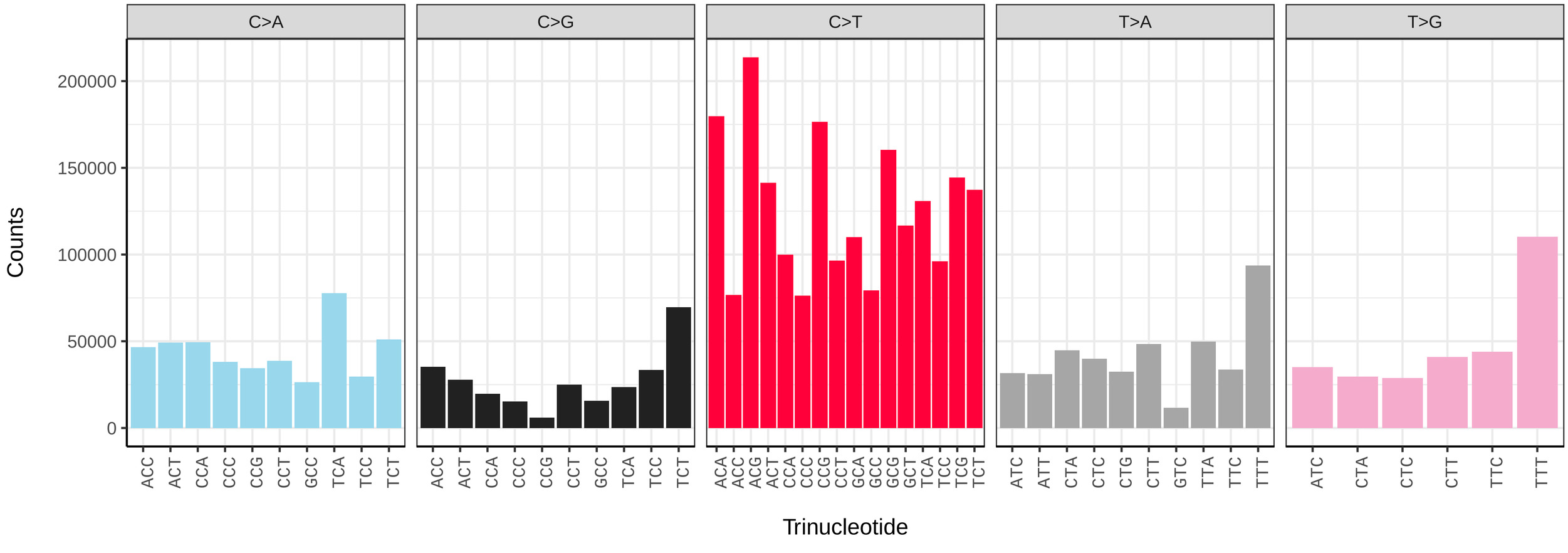
Carassius carassius (fCarCar2) somatic mutational spectrum (SBS96 classification)



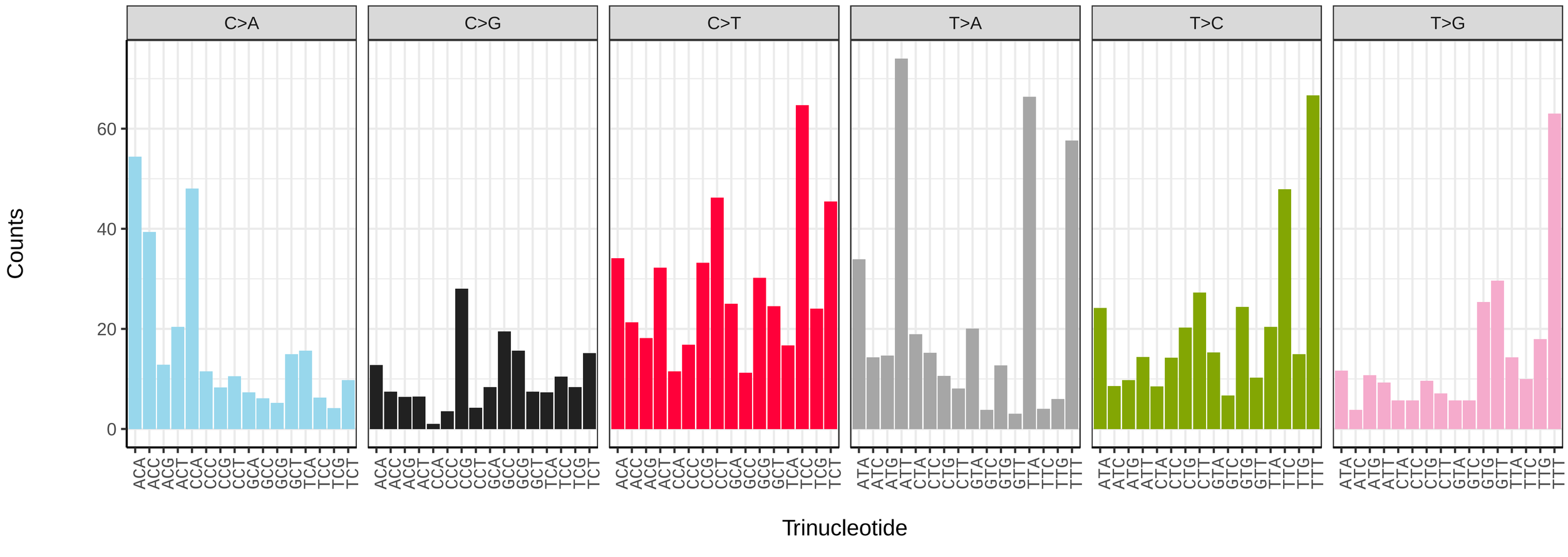
Carassius carassius (fCarCar2) somatic mutational spectrum (SBS52 classification)



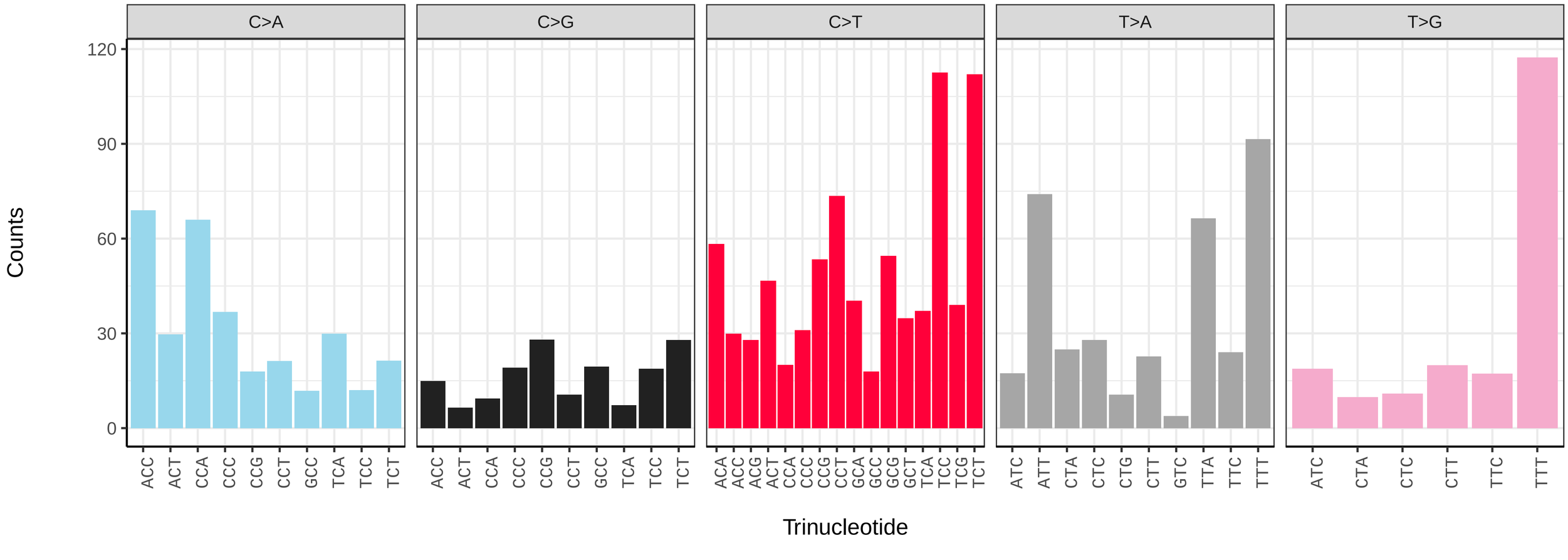
Chelon labrosus (fCheLab1) germline mutational spectrum



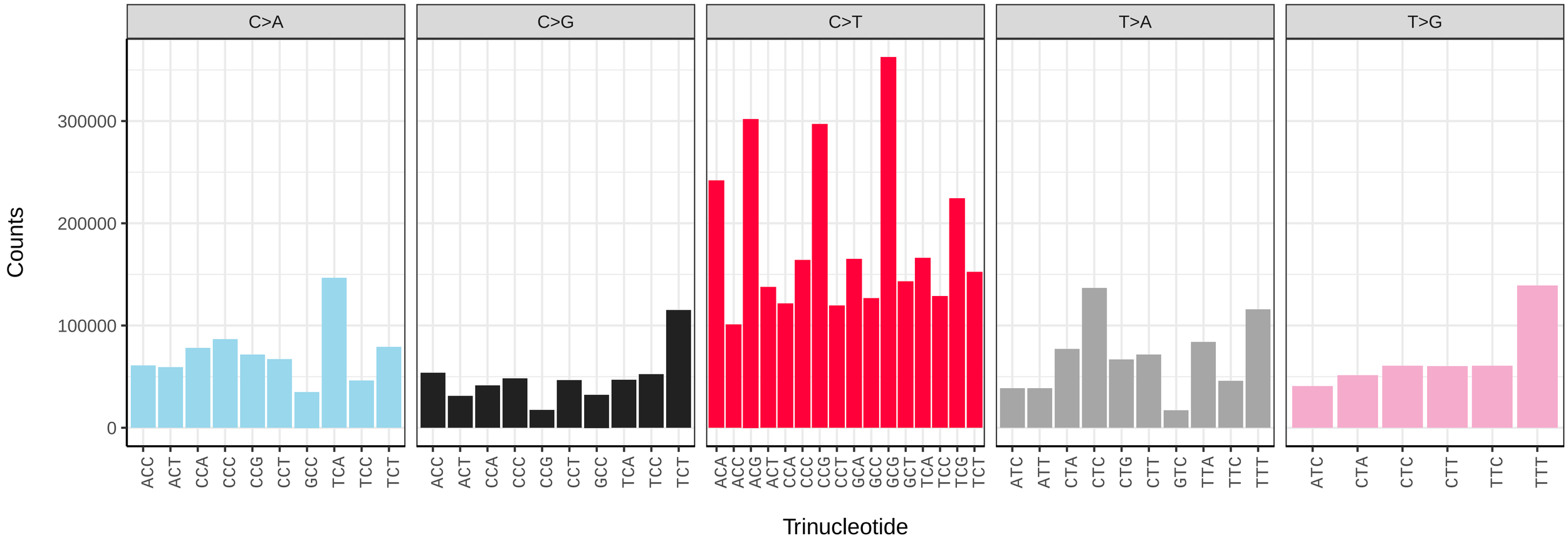
Chelon labrosus (fCheLab1) somatic mutational spectrum (SBS96 classification)



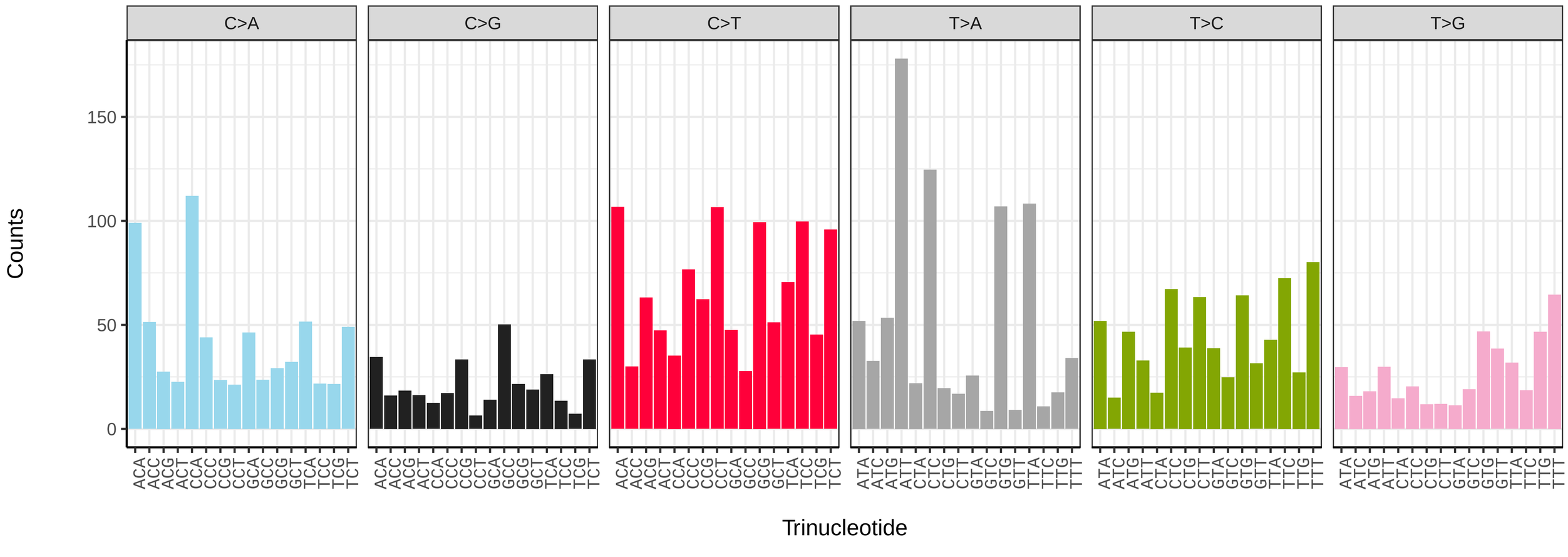
Chelon labrosus (fCheLab1) somatic mutational spectrum (SBS52 classification)



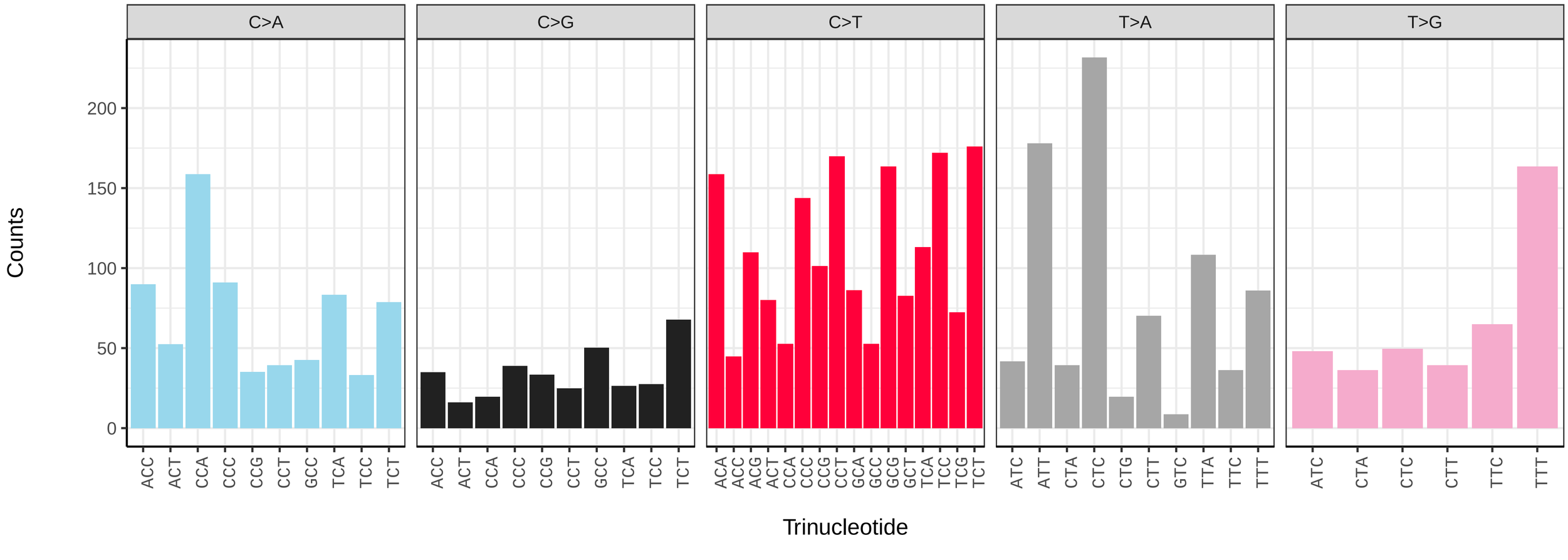
Conger conger (fConCon1) germline mutational spectrum



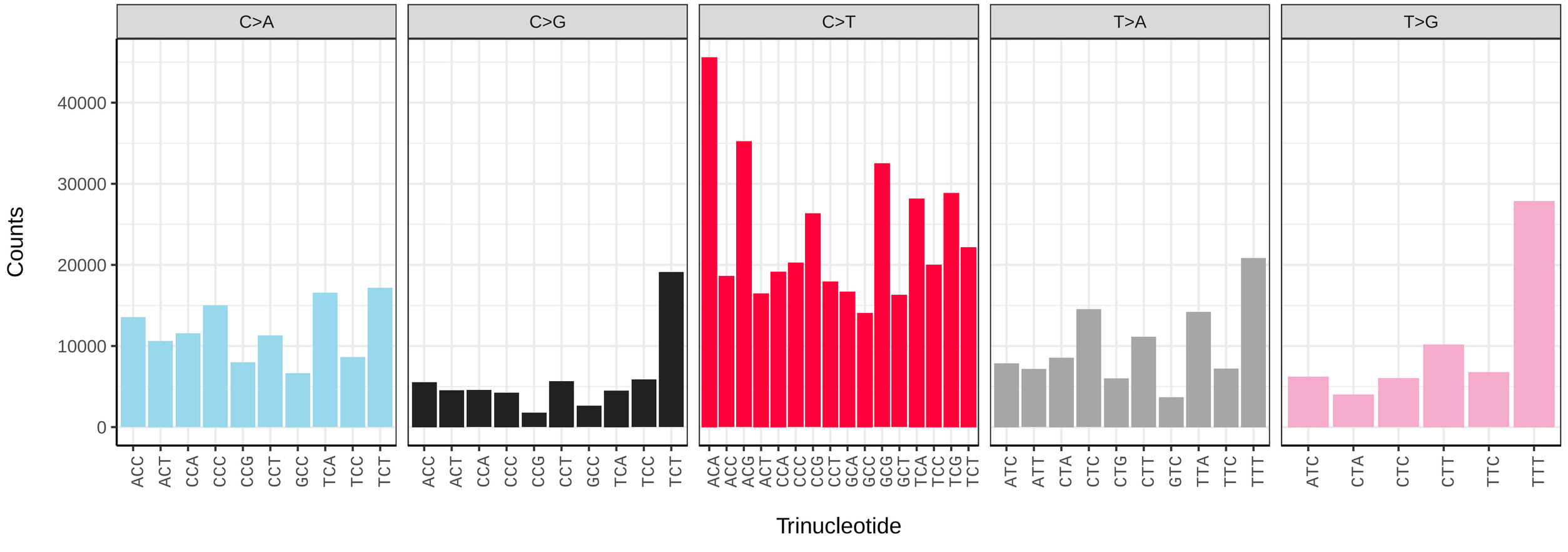
Conger conger (fConCon1) somatic mutational spectrum (SBS96 classification)



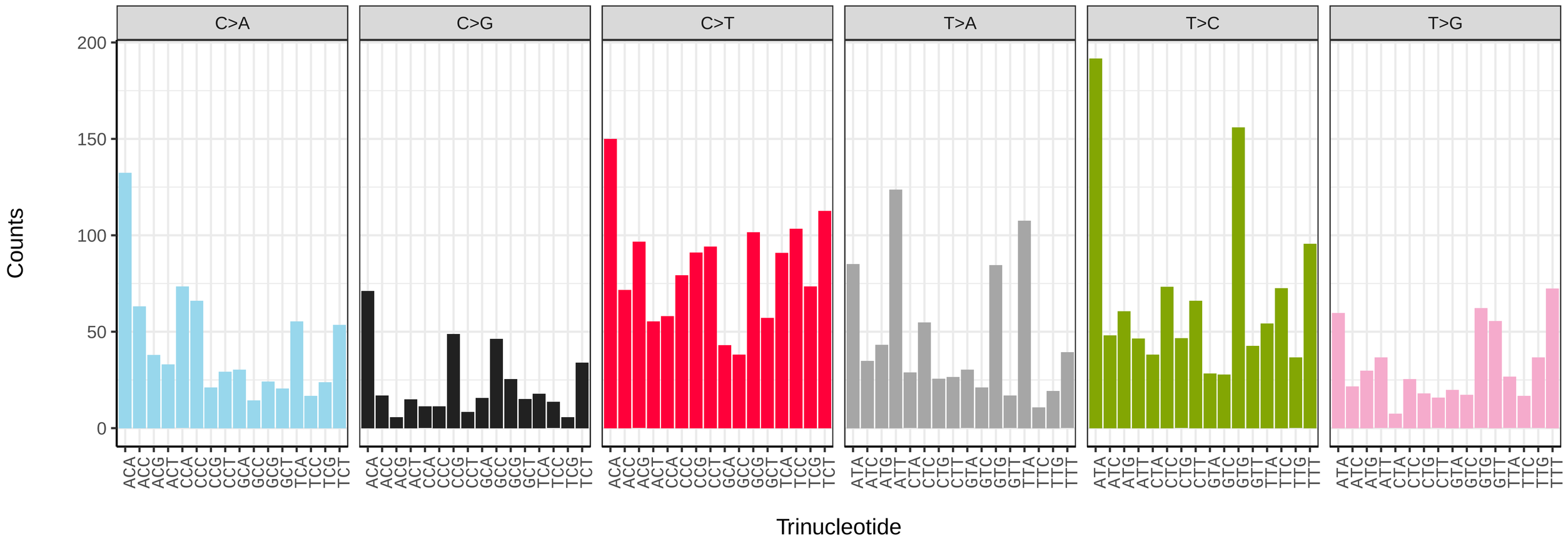
Conger conger (fConCon1) somatic mutational spectrum (SBS52 classification)



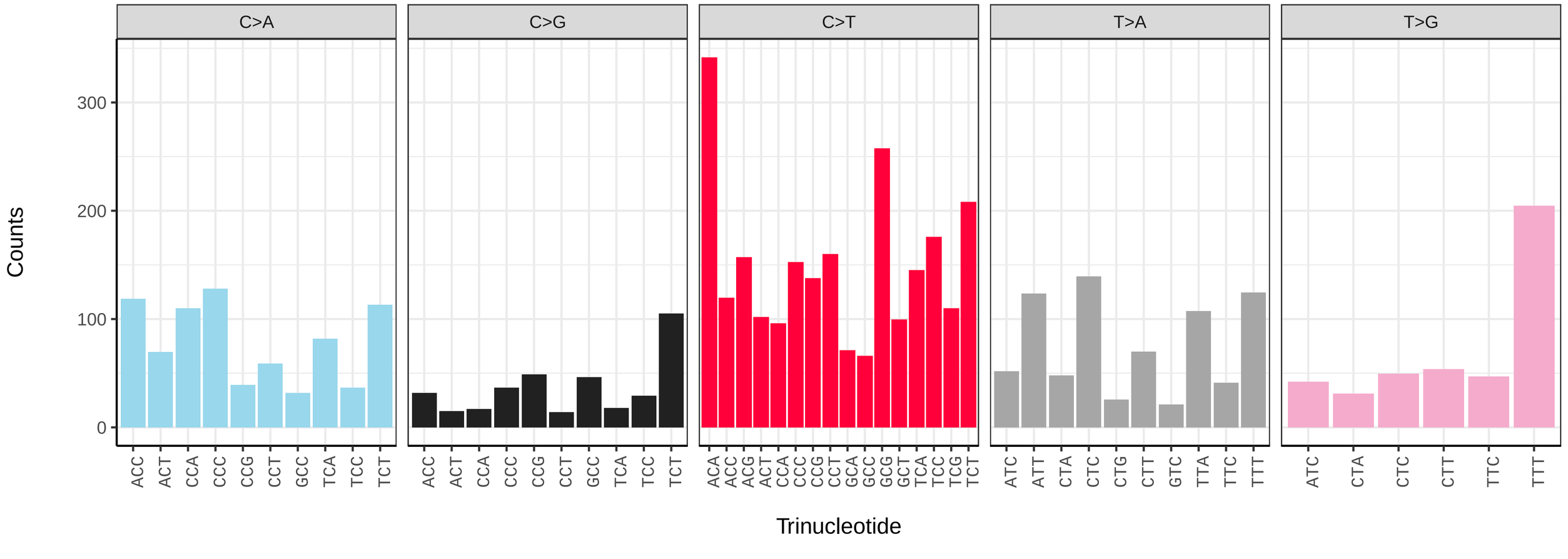
Cyclopterus lumpus (fCycLum2) germline mutational spectrum



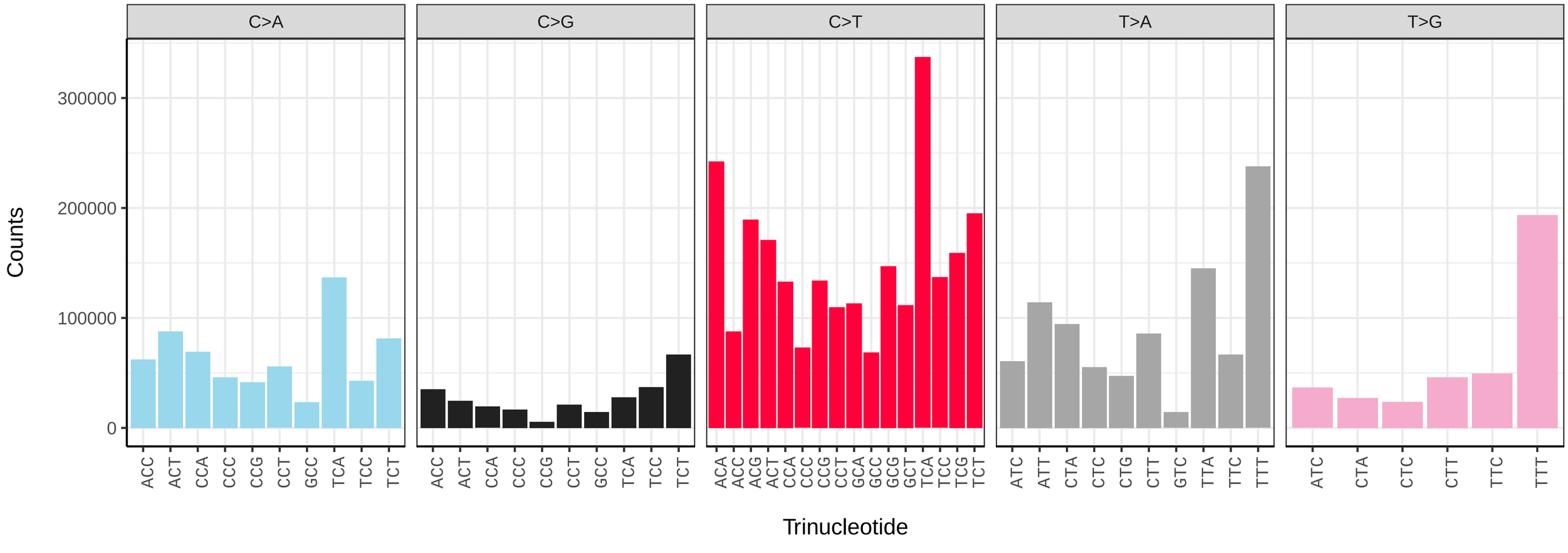
Cyclopterus lumpus (fCycLum2) somatic mutational spectrum (SBS96 classification)



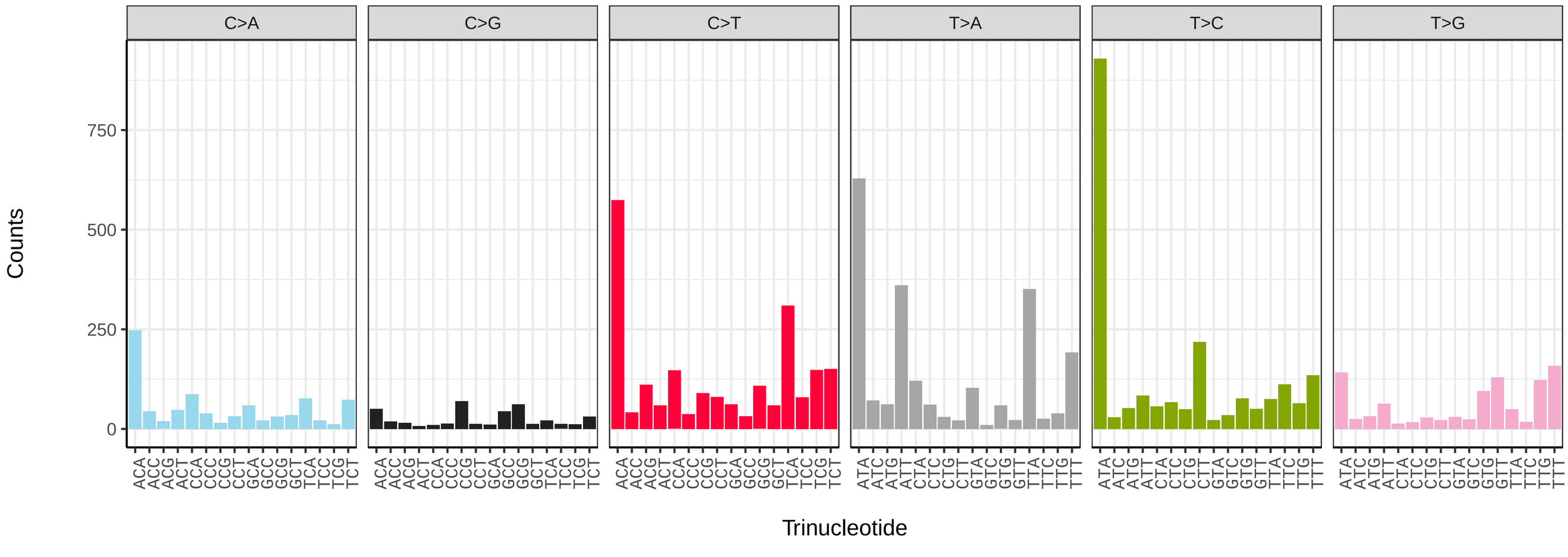
Cyclopterus lumpus (fCycLum2) somatic mutational spectrum (SBS52 classification)



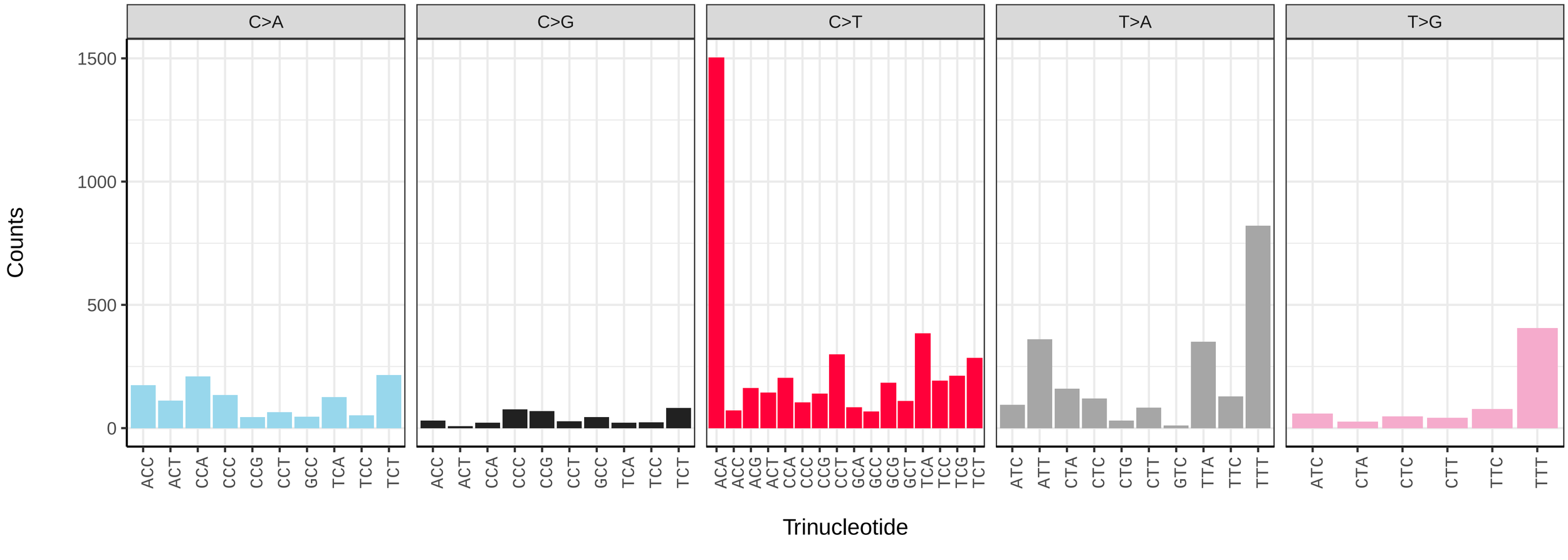
Danio rerio (fDanRer4) germline mutational spectrum



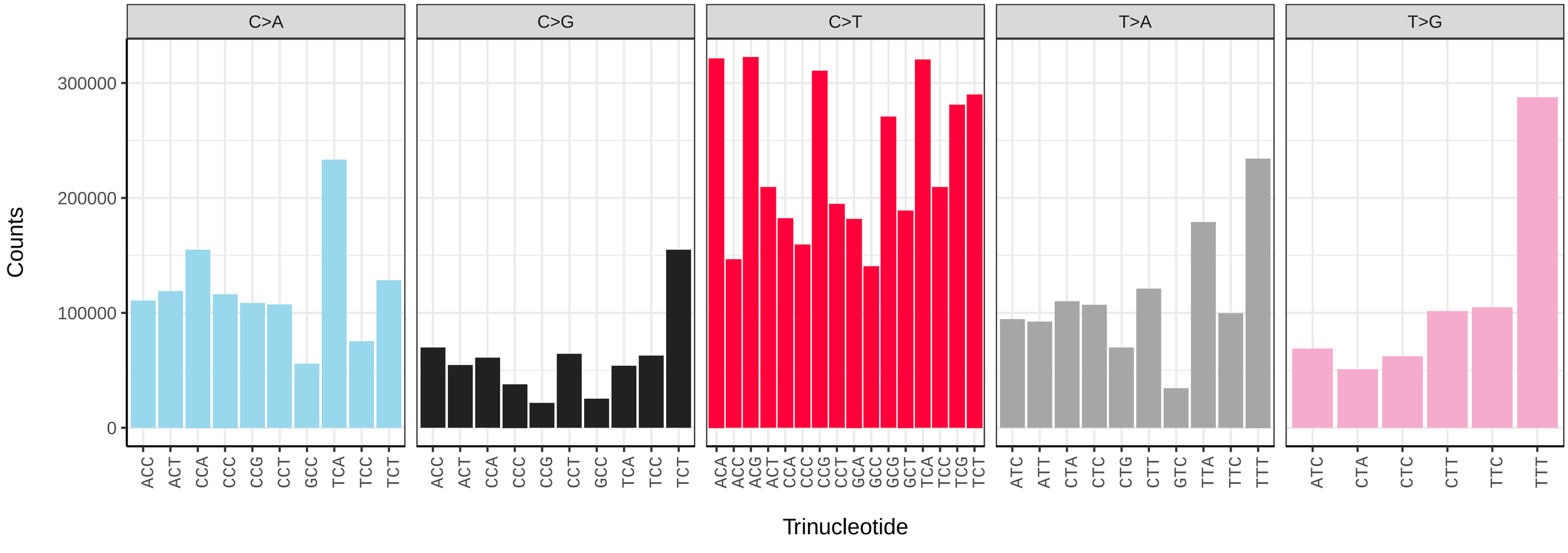
Danio rerio (fDanRer4) somatic mutational spectrum (SBS96 classification)



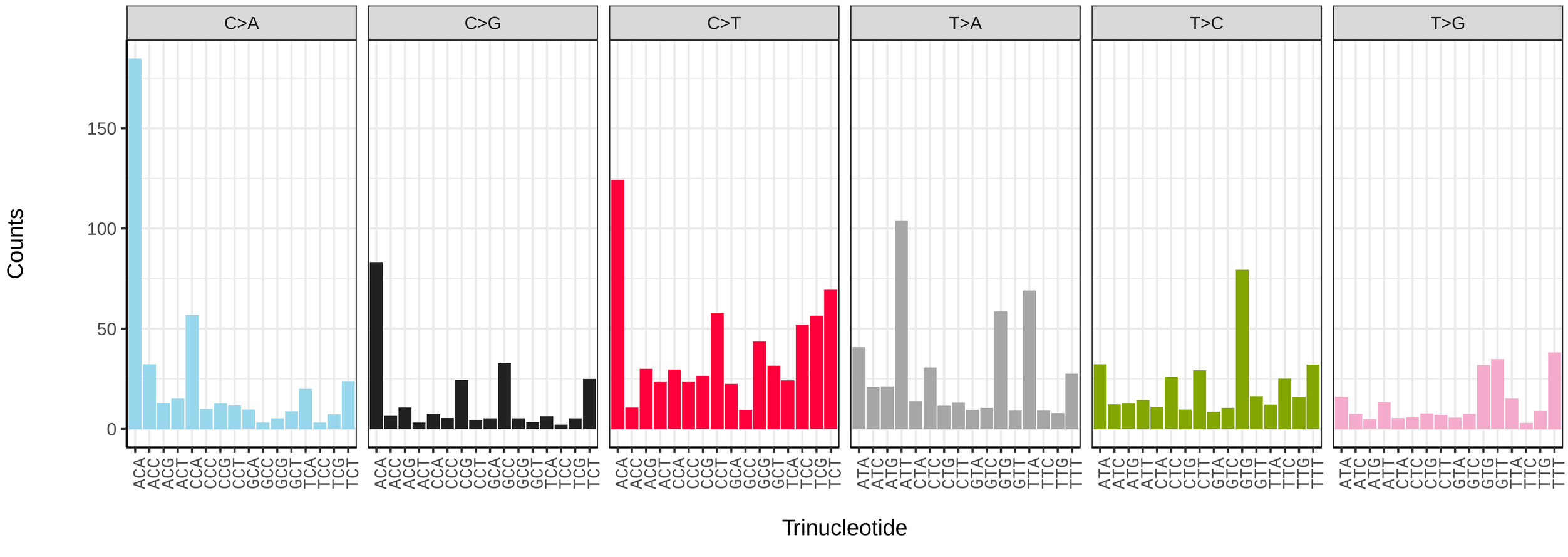
Danio rerio (fDanRer4) somatic mutational spectrum (SBS52 classification)



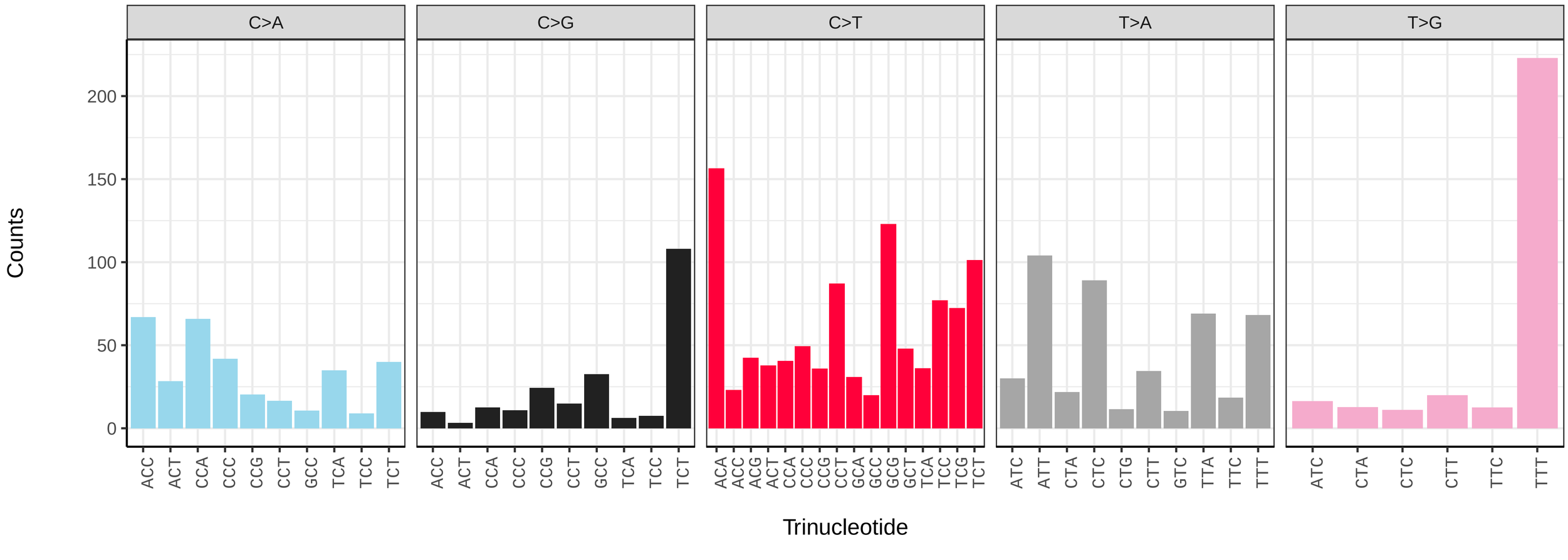
Echiichthys vipera (fEchVip8) germline mutational spectrum



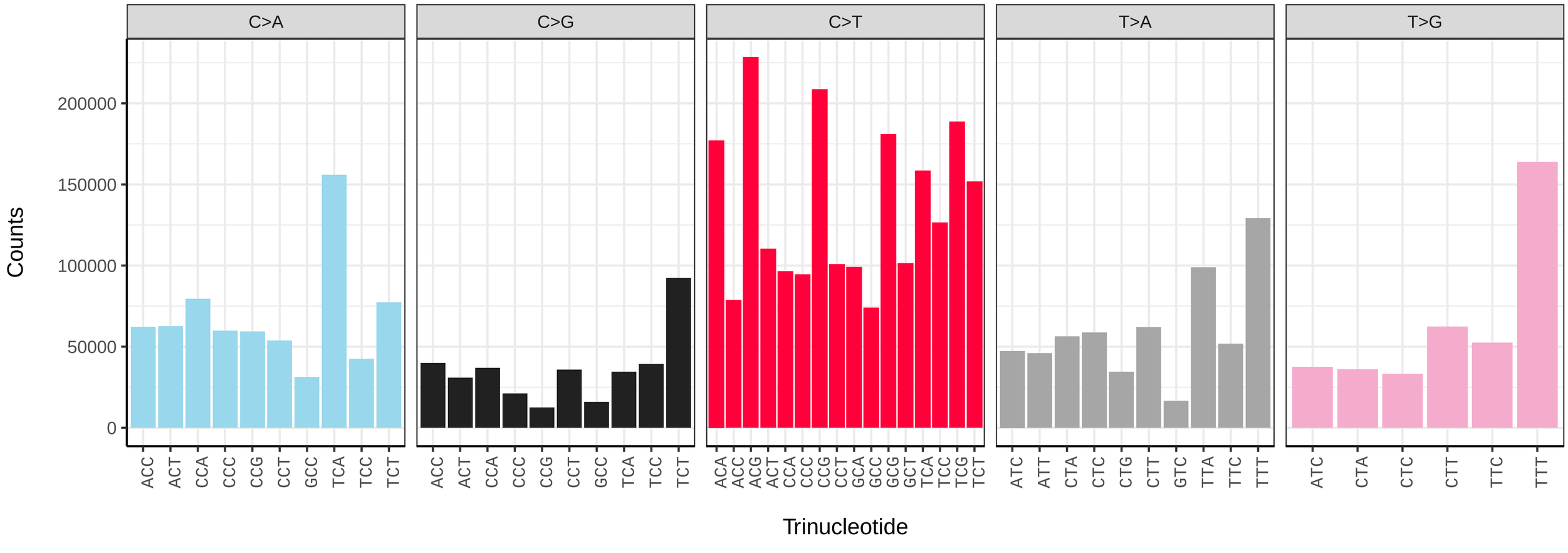
Echiichthys vipera (fEchVip8) somatic mutational spectrum (SBS96 classification)



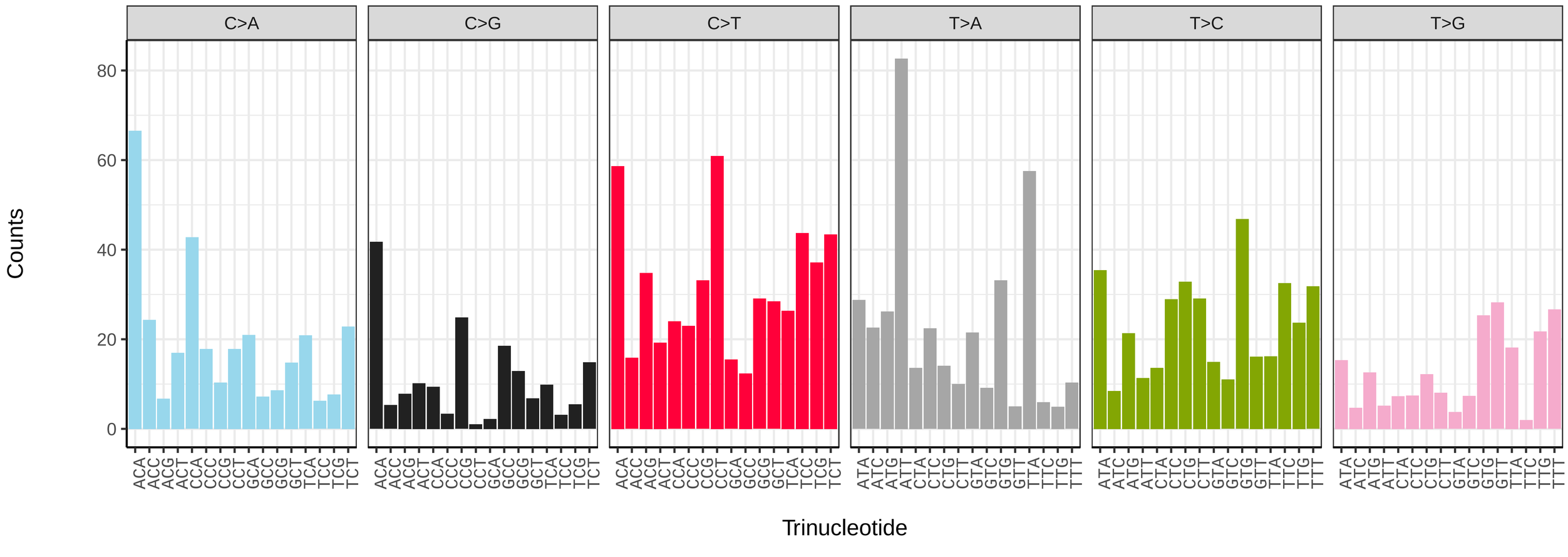
Echiichthys vipera (fEchVip8) somatic mutational spectrum (SBS52 classification)



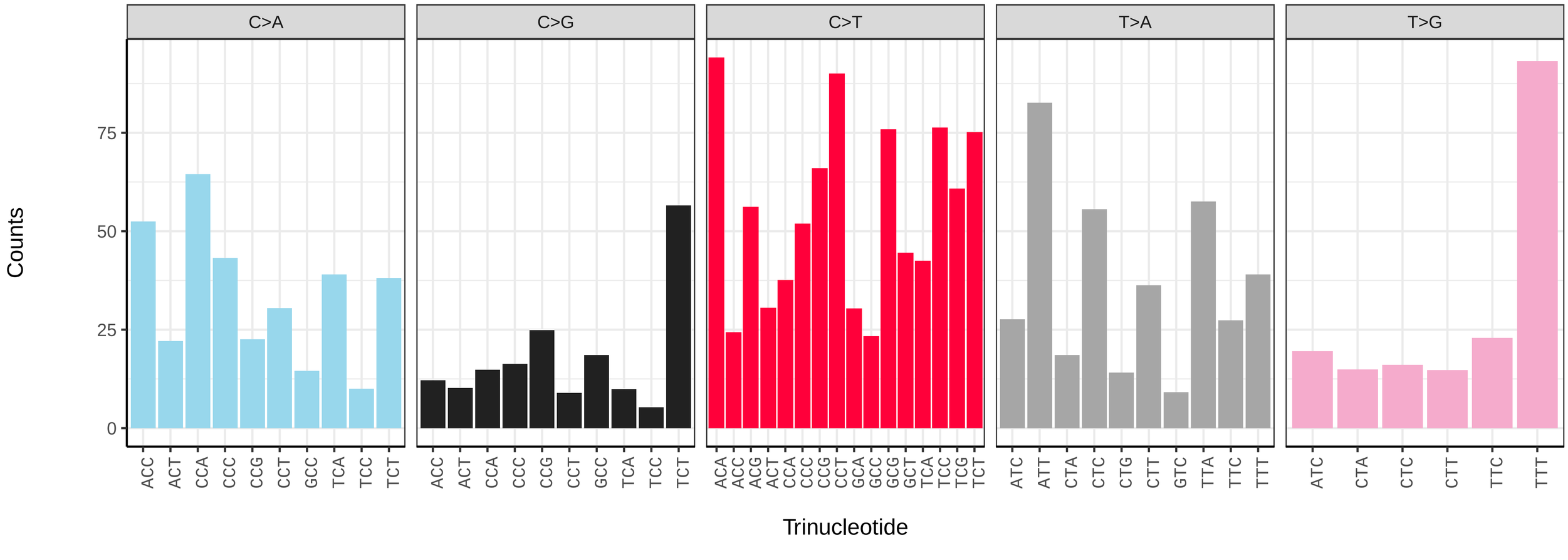
Eutrigla gurnardus (fEutGur1) germline mutational spectrum



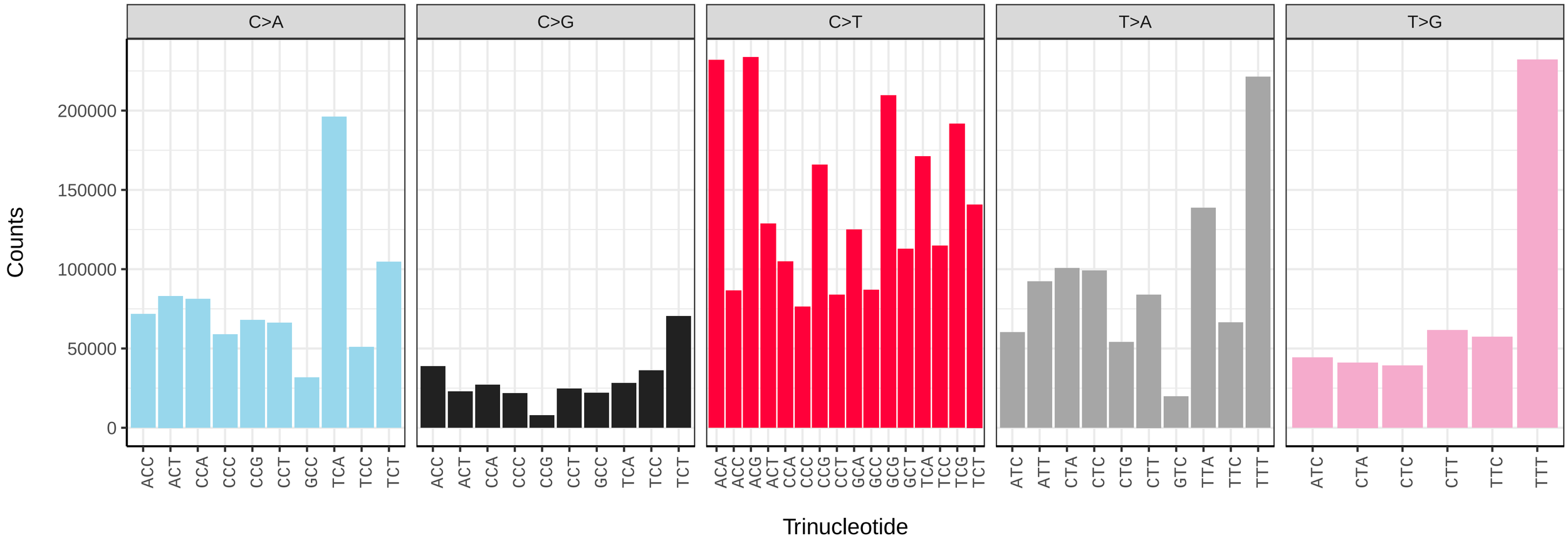
Eutrigla gurnardus (fEutGur1) somatic mutational spectrum (SBS96 classification)



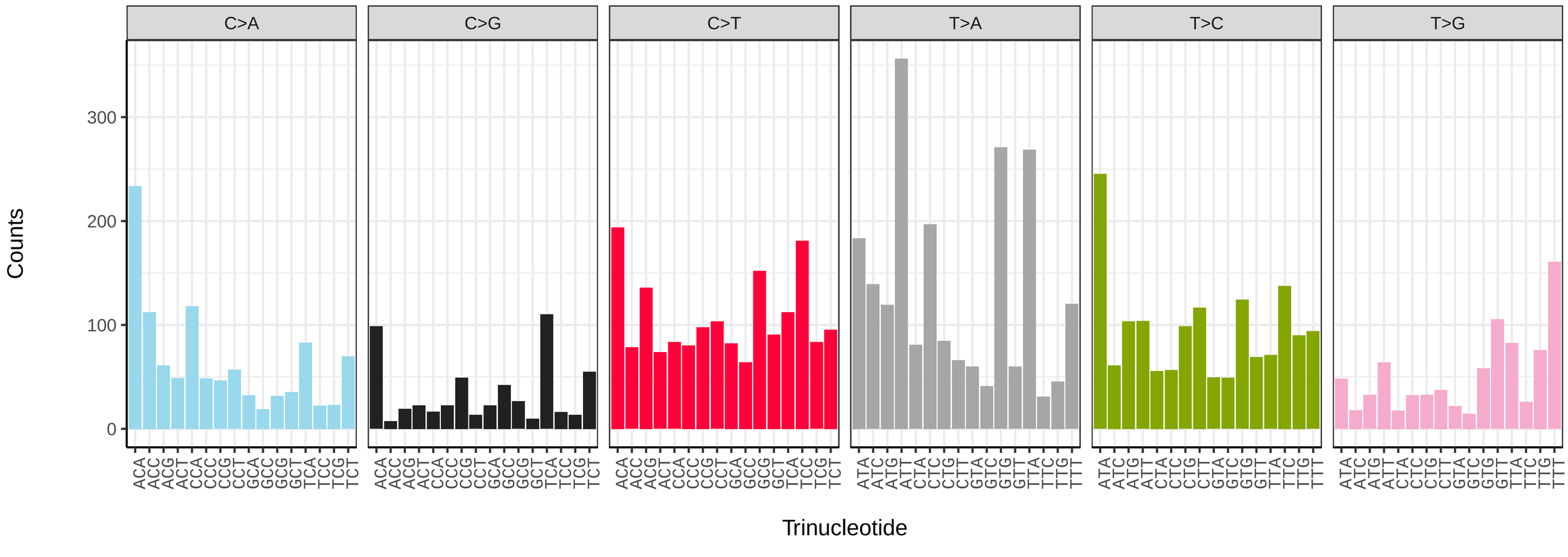
Eutrigla gurnardus (fEutGur1) somatic mutational spectrum (SBS52 classification)



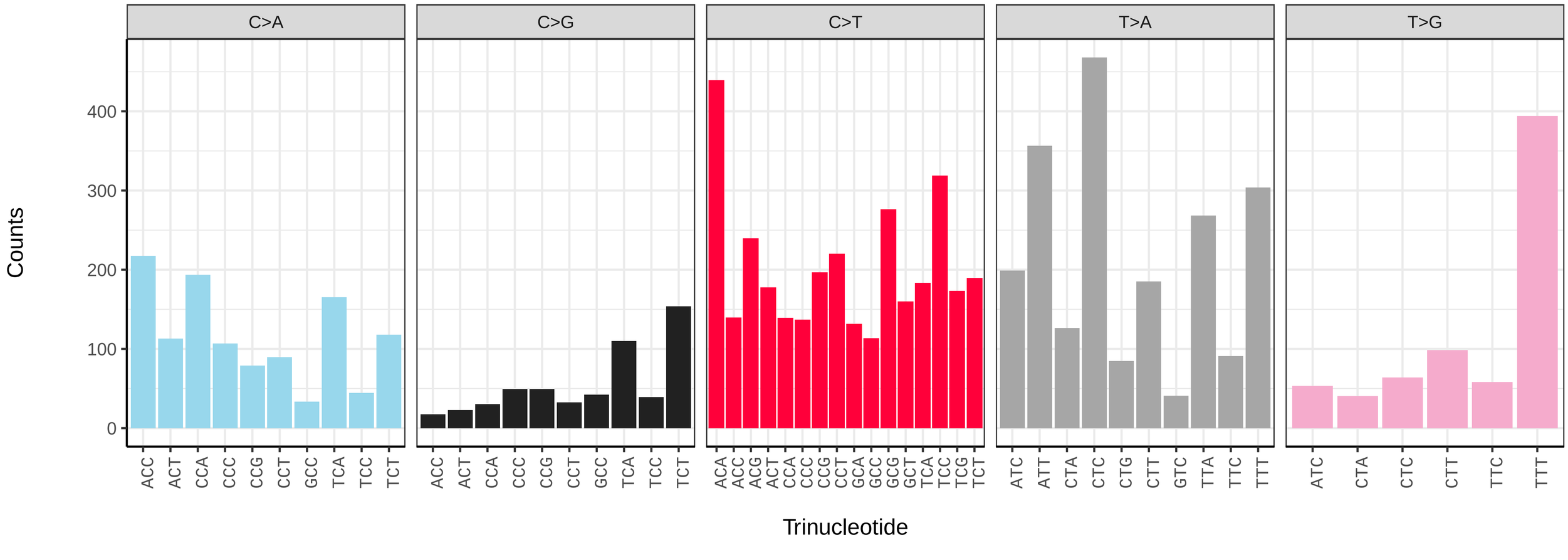
Gobio gobio (fGobGob1) germline mutational spectrum



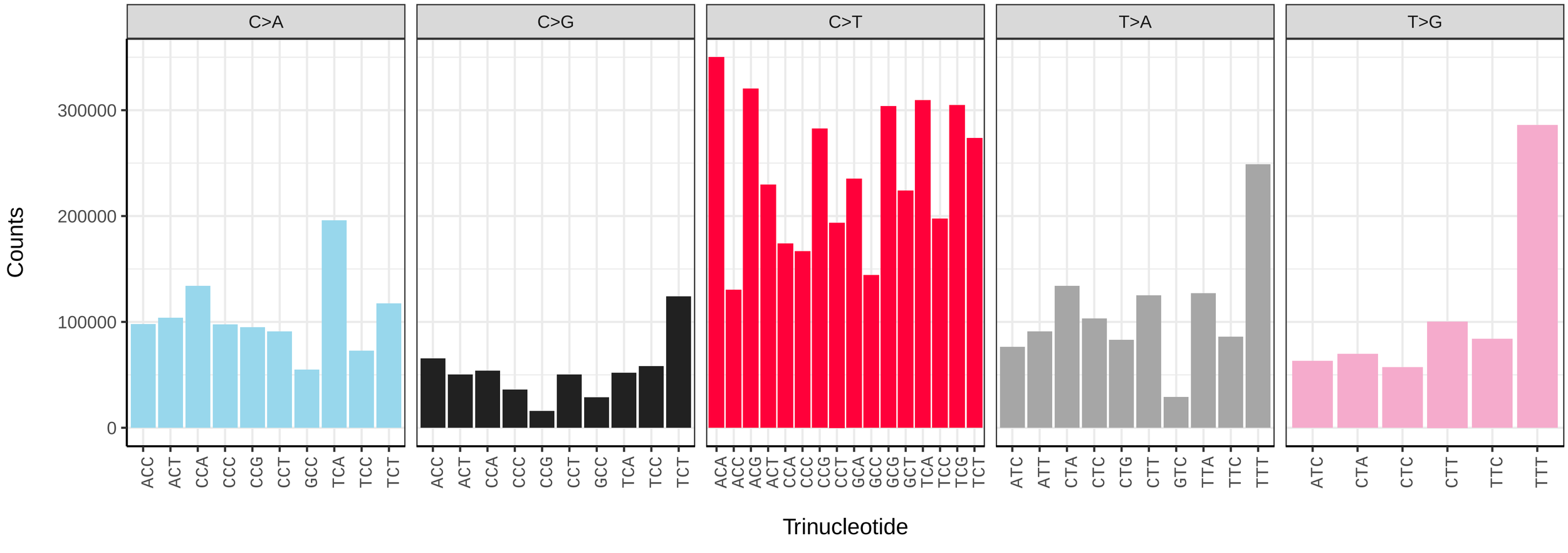
Gobio gobio (fGobGob1) somatic mutational spectrum (SBS96 classification)



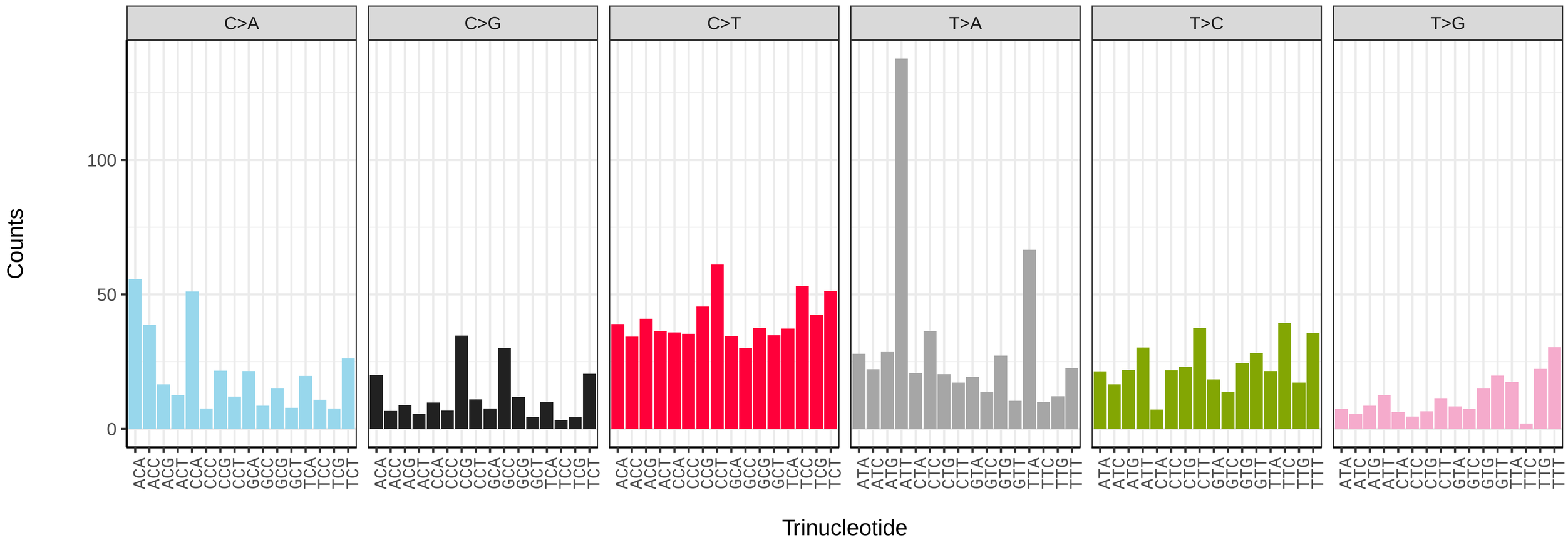
Gobio gobio (fGobGob1) somatic mutational spectrum (SBS52 classification)



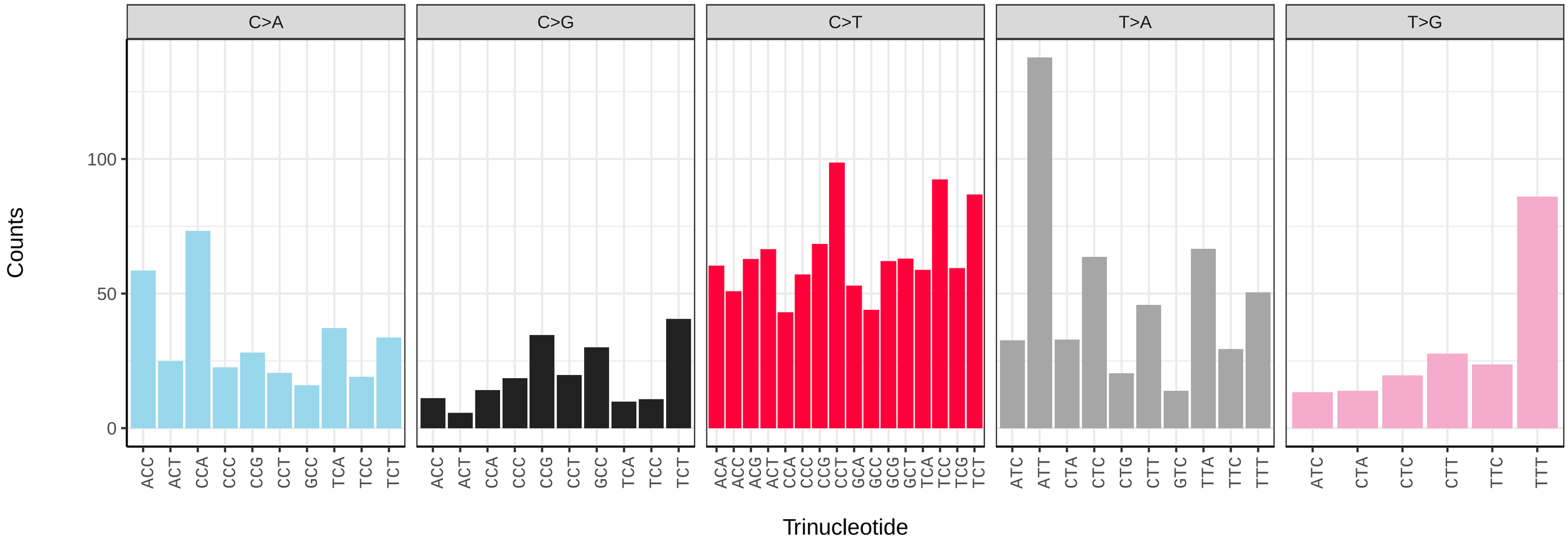
Gobius niger (fGobNig1) germline mutational spectrum



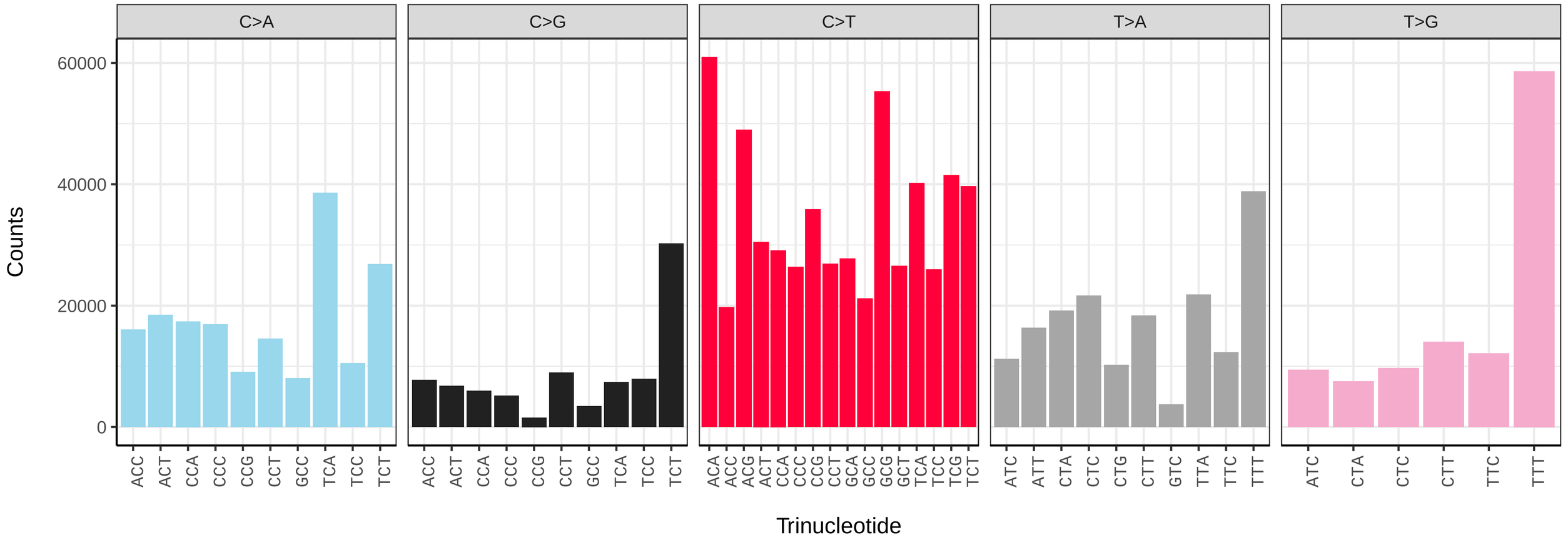
Gobius niger (fGobNig1) somatic mutational spectrum (SBS96 classification)



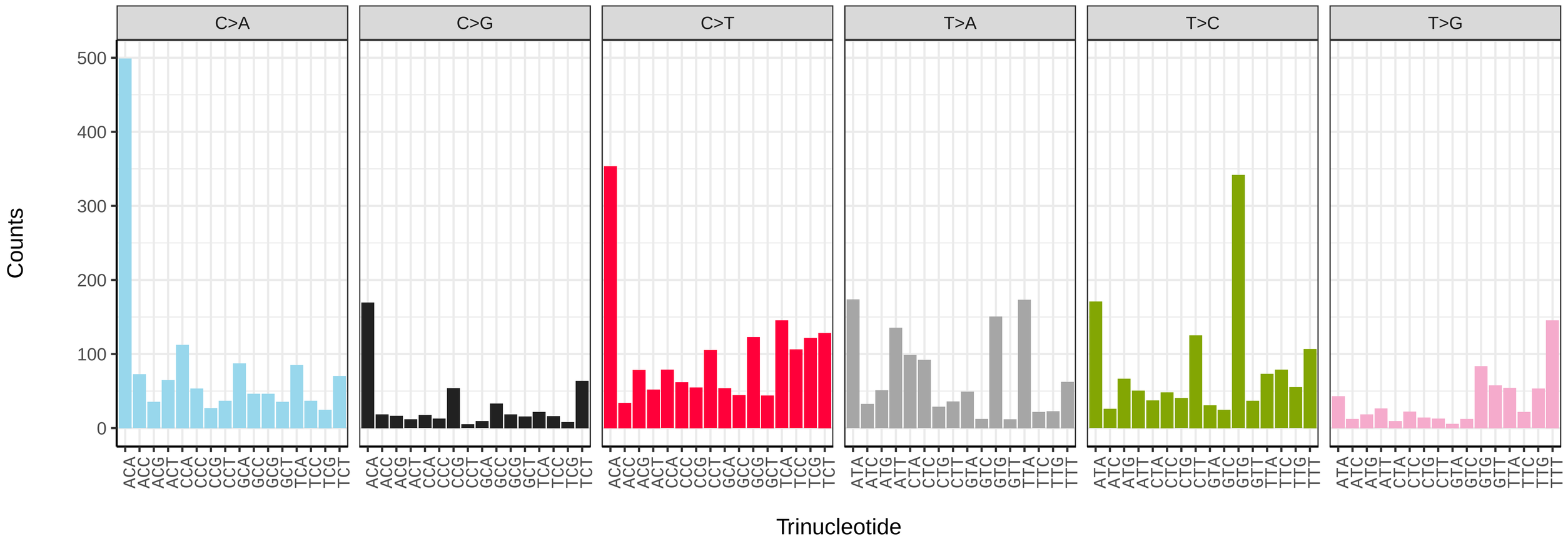
Gobius niger (fGobNig1) somatic mutational spectrum (SBS52 classification)



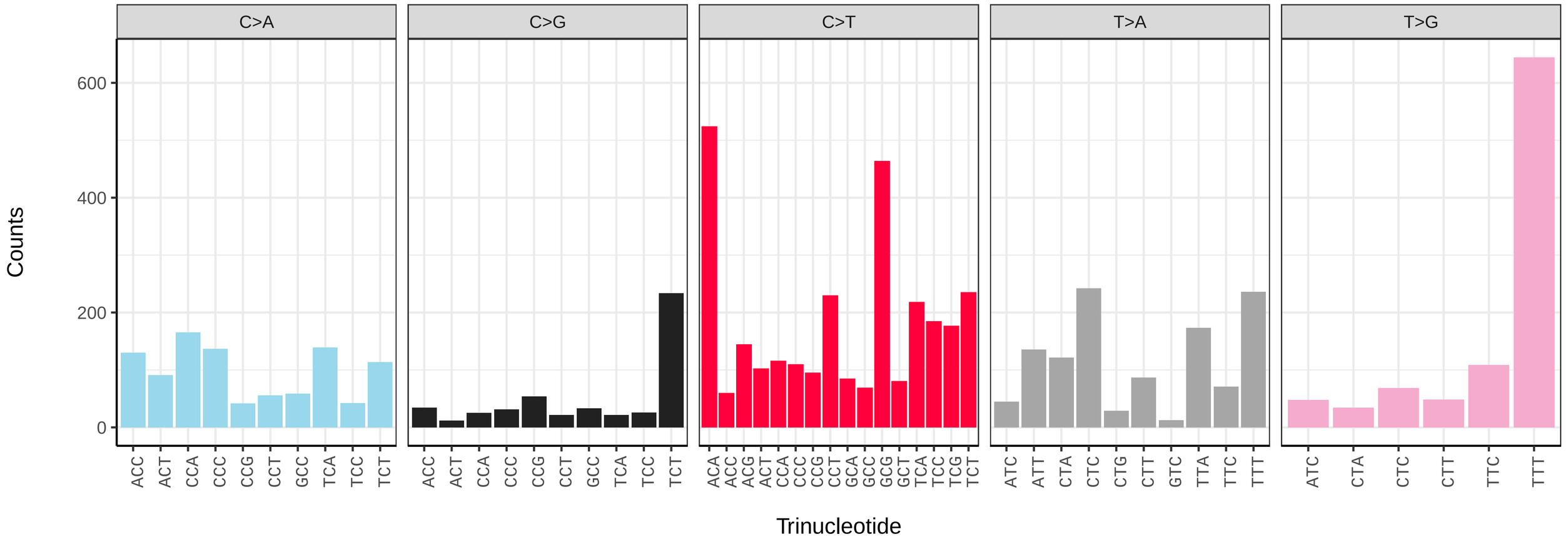
Hyperoplus immaculatus (fHypImm3) germline mutational spectrum



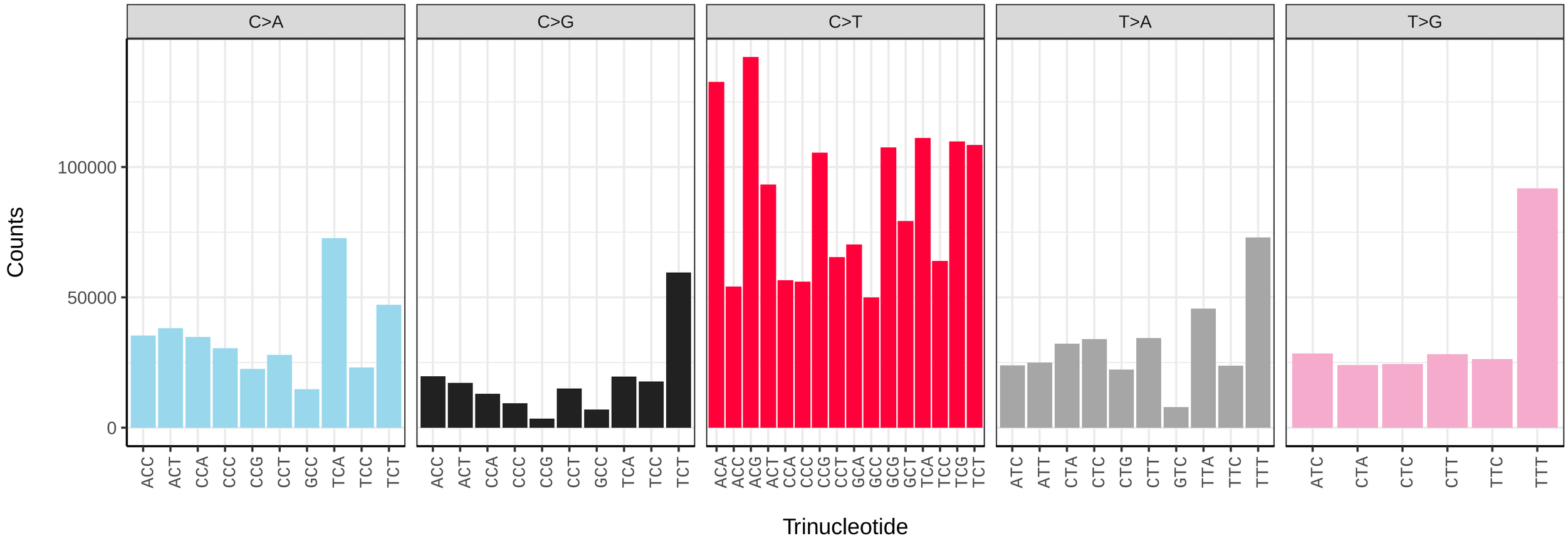
Hyperoplus immaculatus (fHypImm3) somatic mutational spectrum (SBS96 classification)



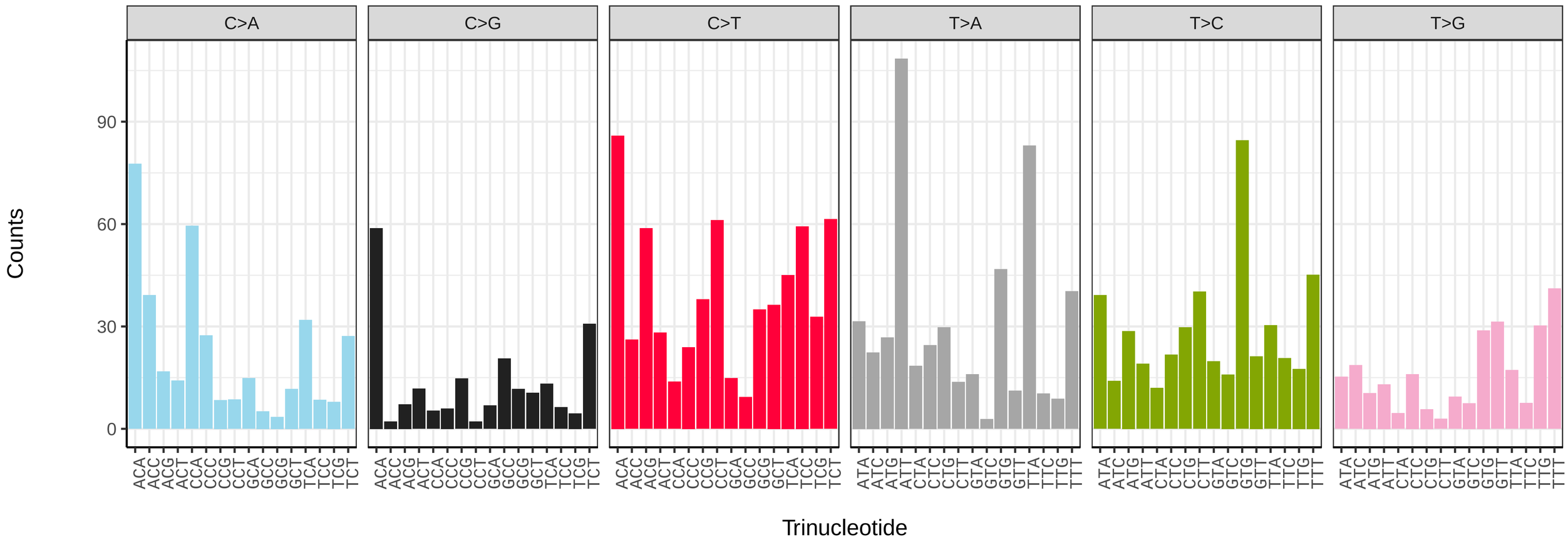
Hyperoplus immaculatus (fHypImm3) somatic mutational spectrum (SBS52 classification)



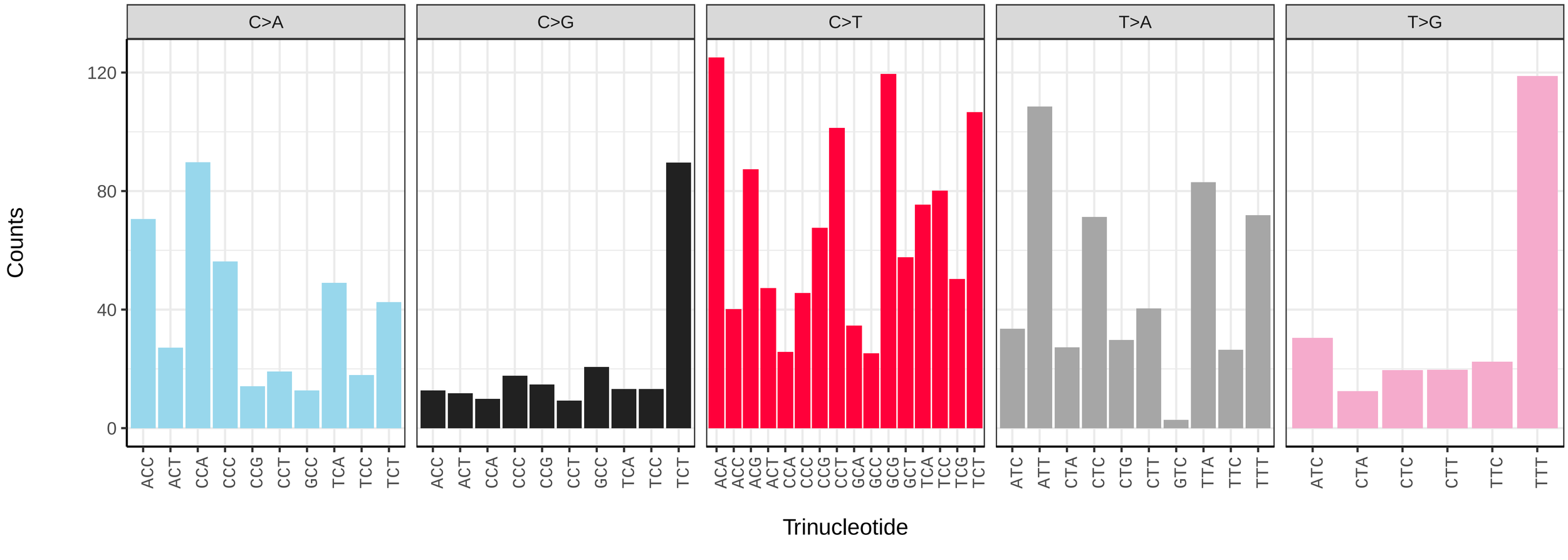
Labrus bergylta (fLabBer1) germline mutational spectrum



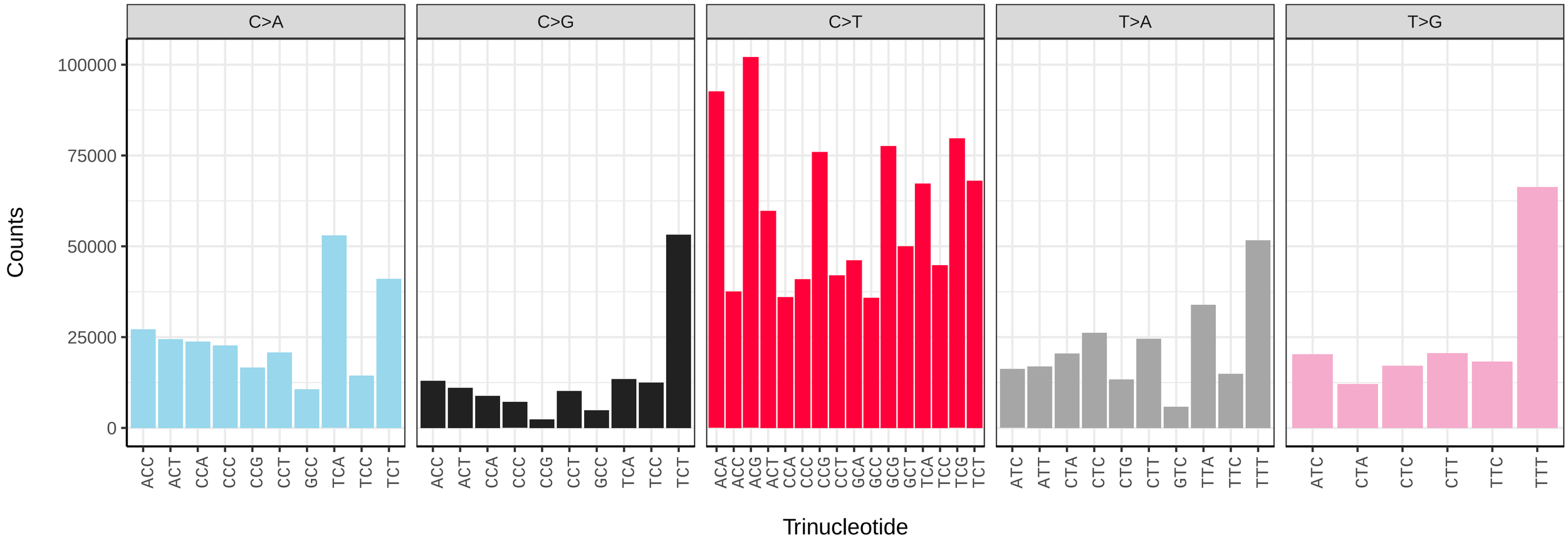
Labrus bergylta (fLabBer1) somatic mutational spectrum (SBS96 classification)



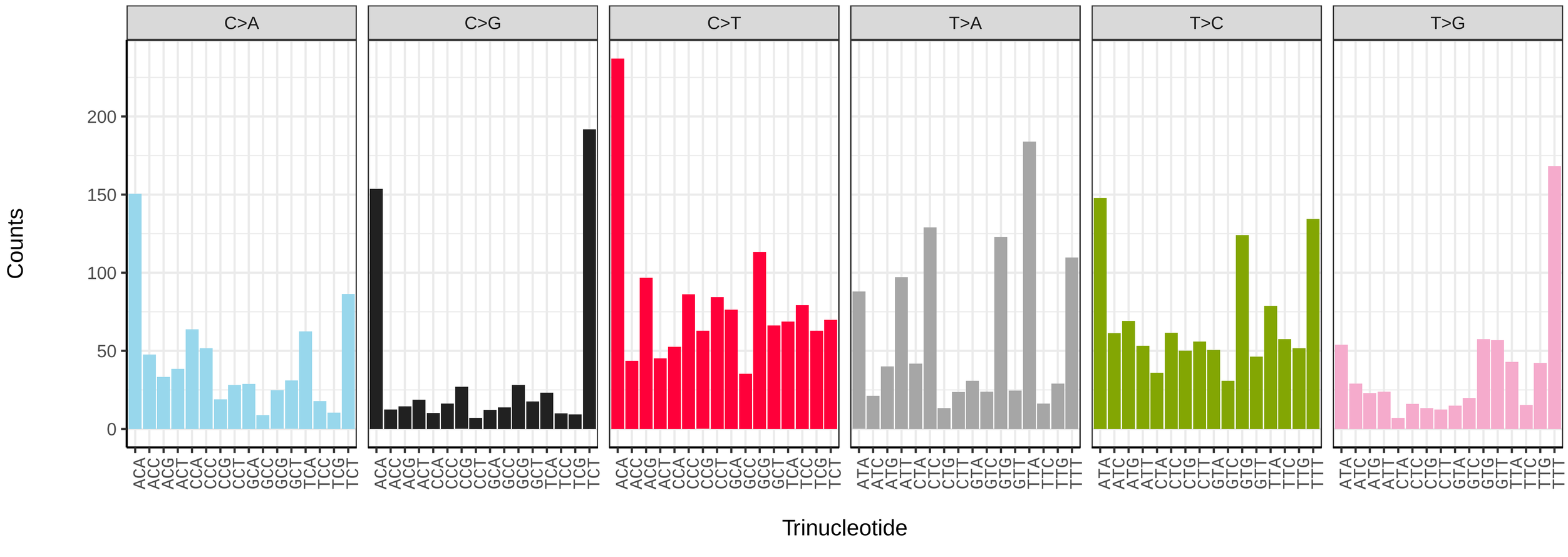
Labrus bergylta (fLabBer1) somatic mutational spectrum (SBS52 classification)



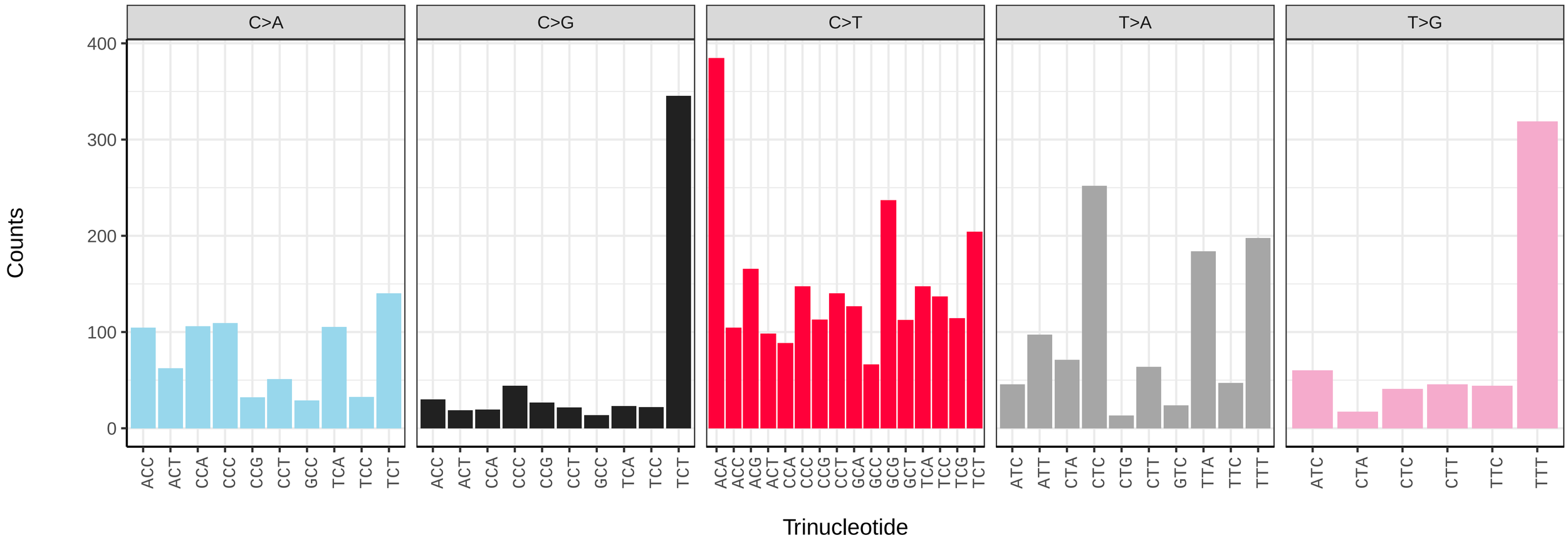
Labrus mixtus (fLabMix1) germline mutational spectrum



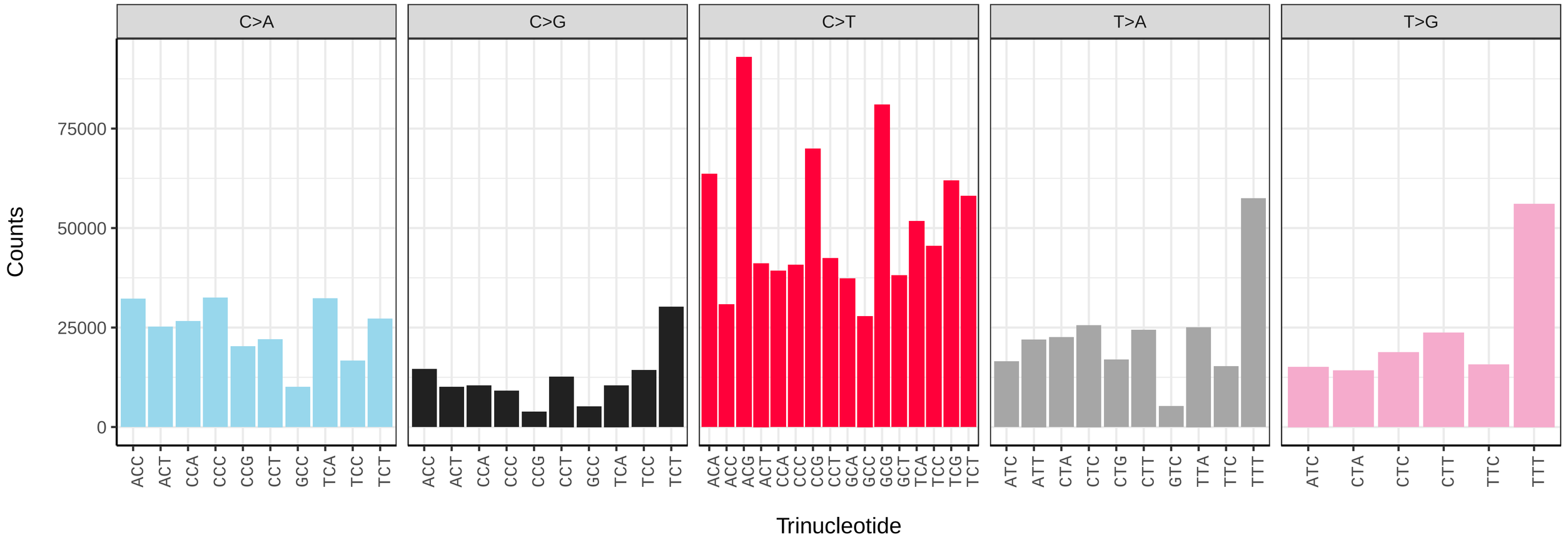
Labrus mixtus (fLabMix1) somatic mutational spectrum (SBS96 classification)



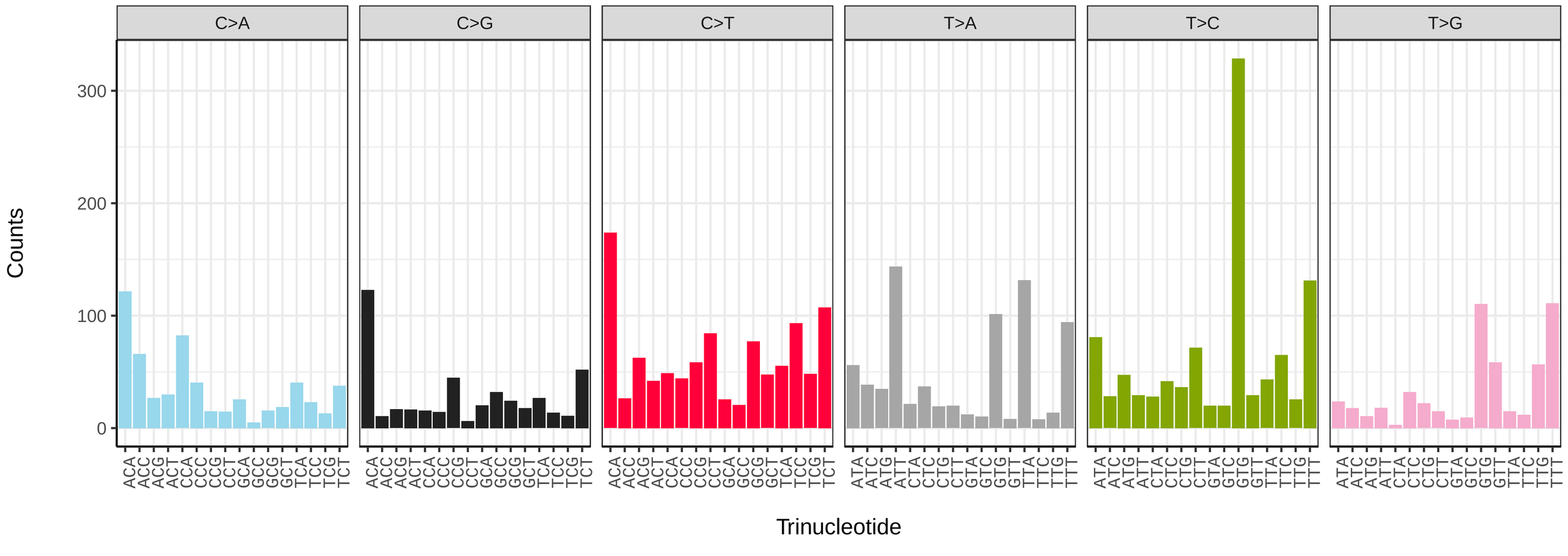
Labrus mixtus (fLabMix1) somatic mutational spectrum (SBS52 classification)



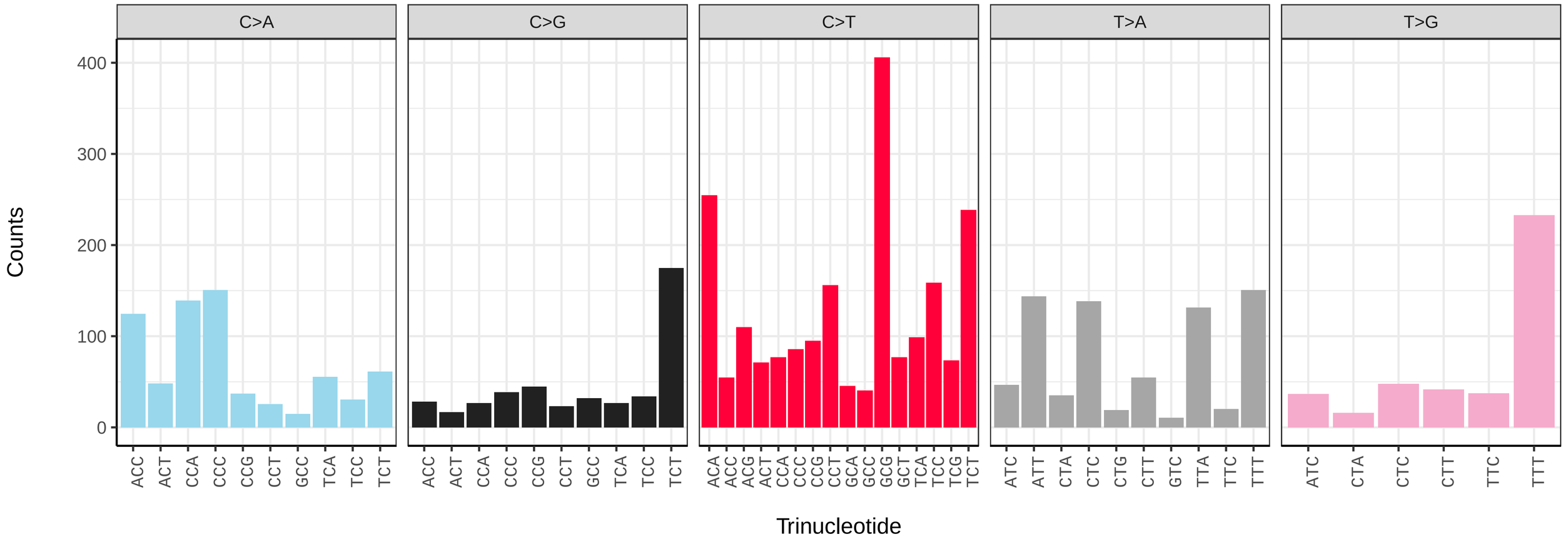
Lipophrys pholis (fLipPho2) germline mutational spectrum



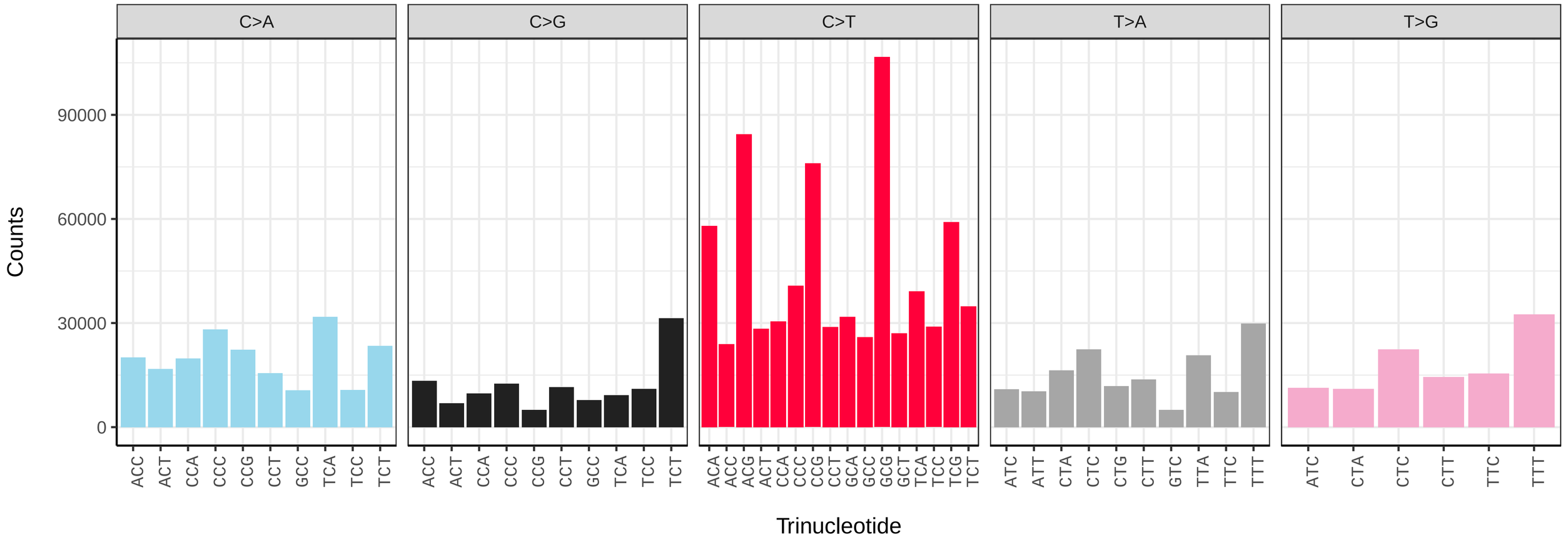
Lipophrys pholis (fLipPho2) somatic mutational spectrum (SBS96 classification)



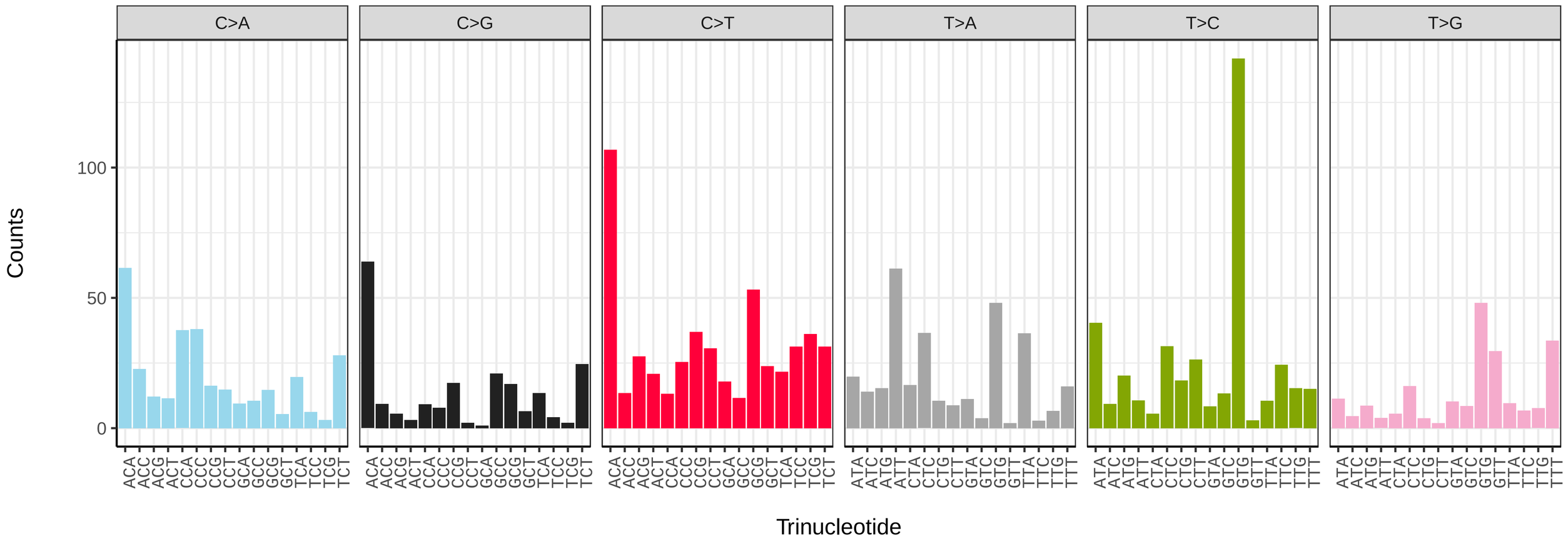
Lipophrys pholis (fLipPho2) somatic mutational spectrum (SBS52 classification)



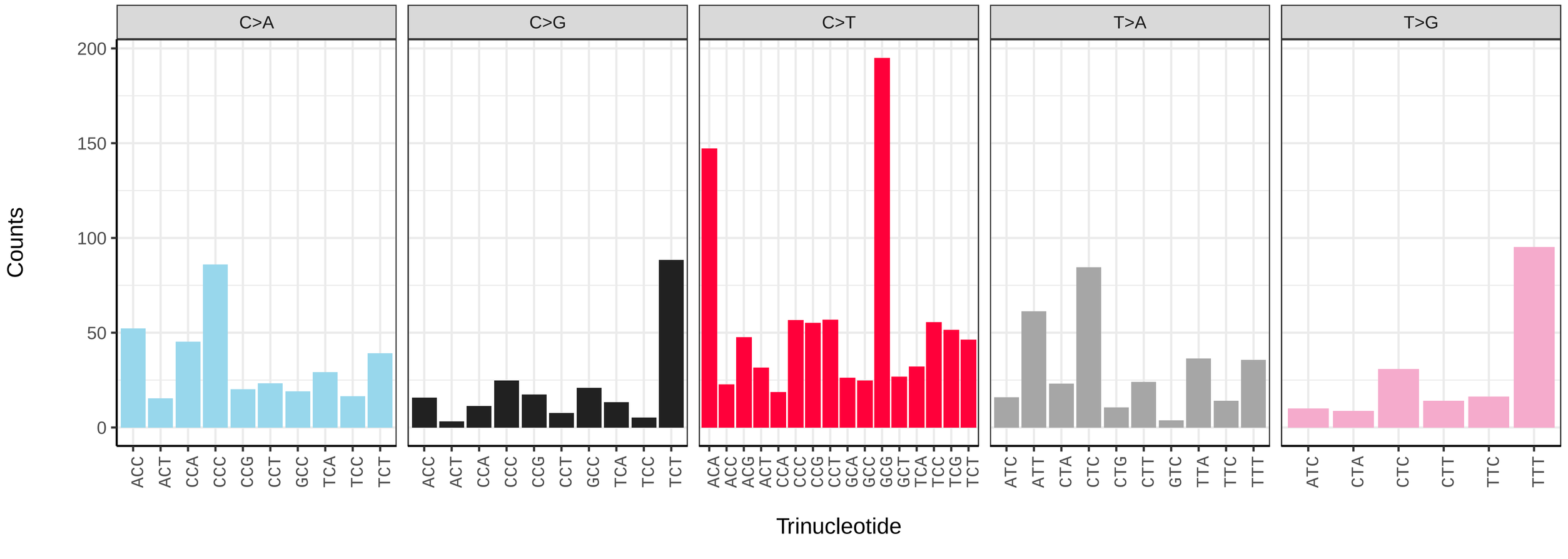
Micromesistius poutassou (fMicPou1) germline mutational spectrum



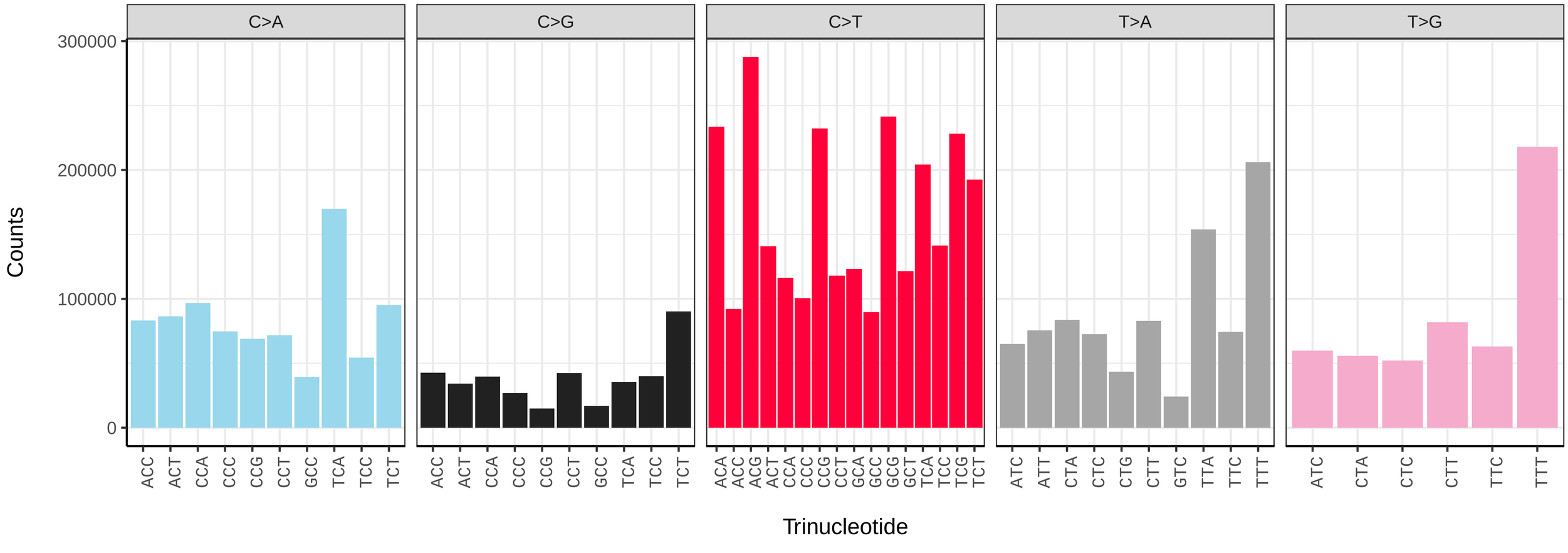
Micromesistius poutassou (fMicPou1) somatic mutational spectrum (SBS96 classification)



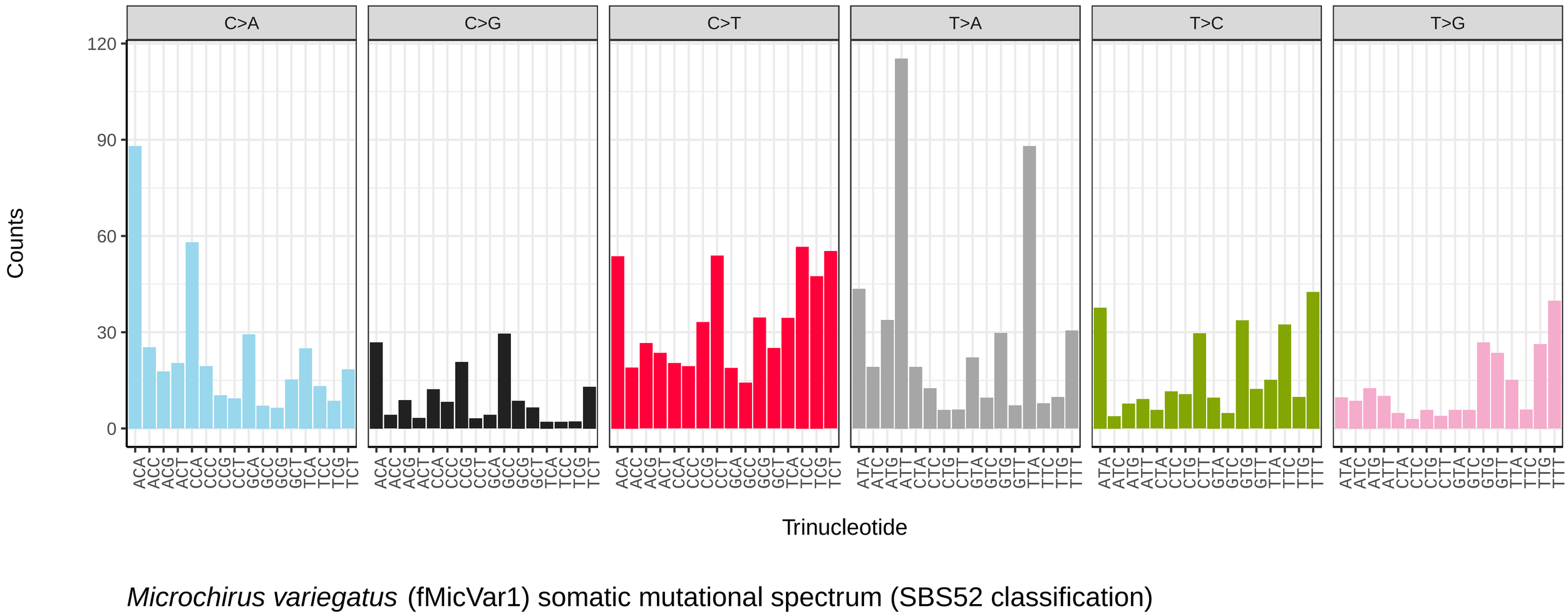
Micromesistius poutassou (fMicPou1) somatic mutational spectrum (SBS52 classification)



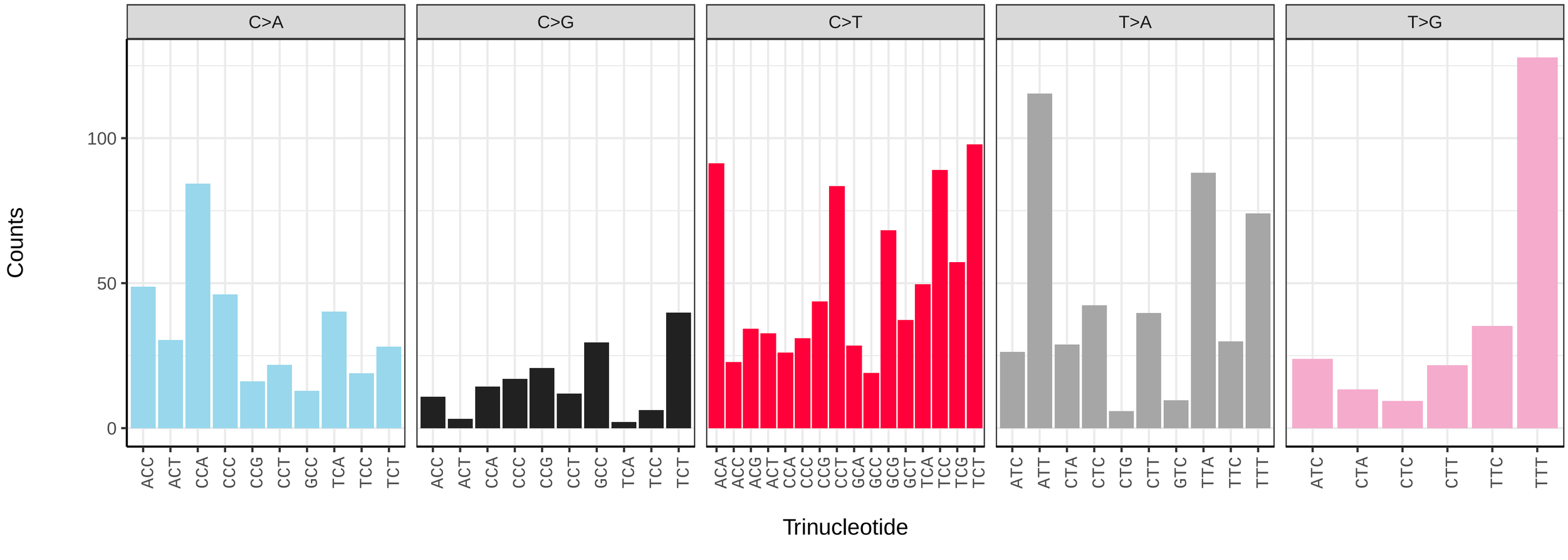
Microchirus variegatus (fMicVar1) germline mutational spectrum



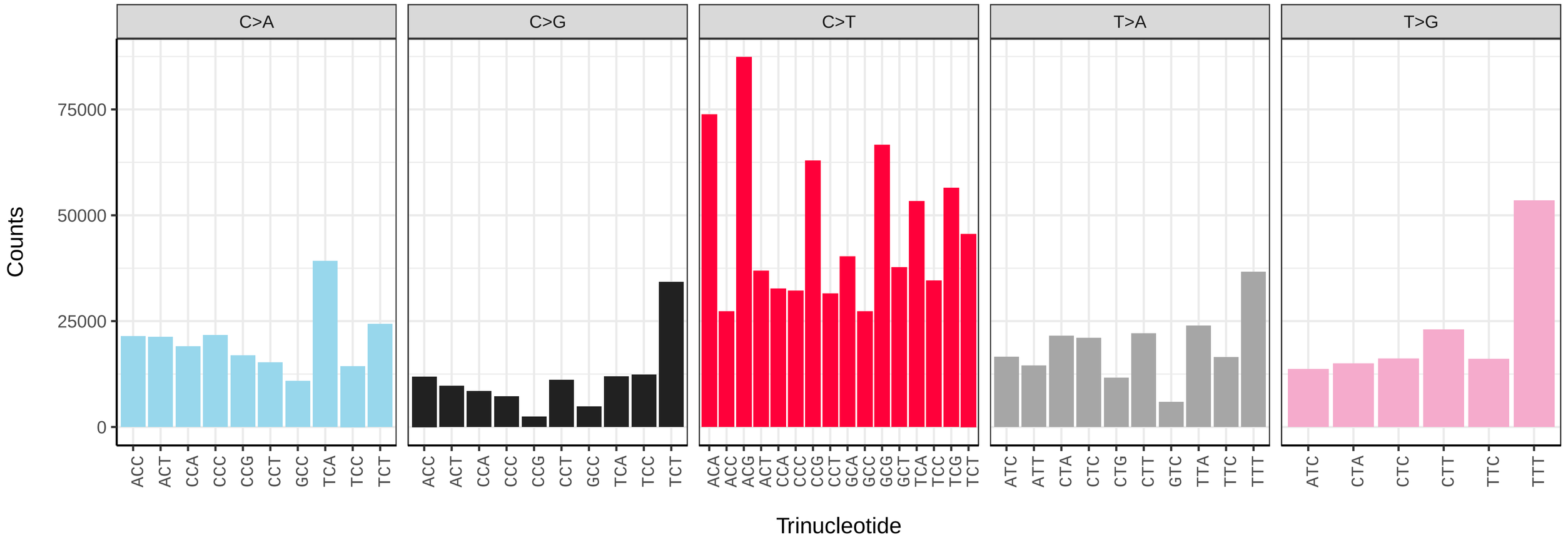
Microchirus variegatus (fMicVar1) somatic mutational spectrum (SBS96 classification)



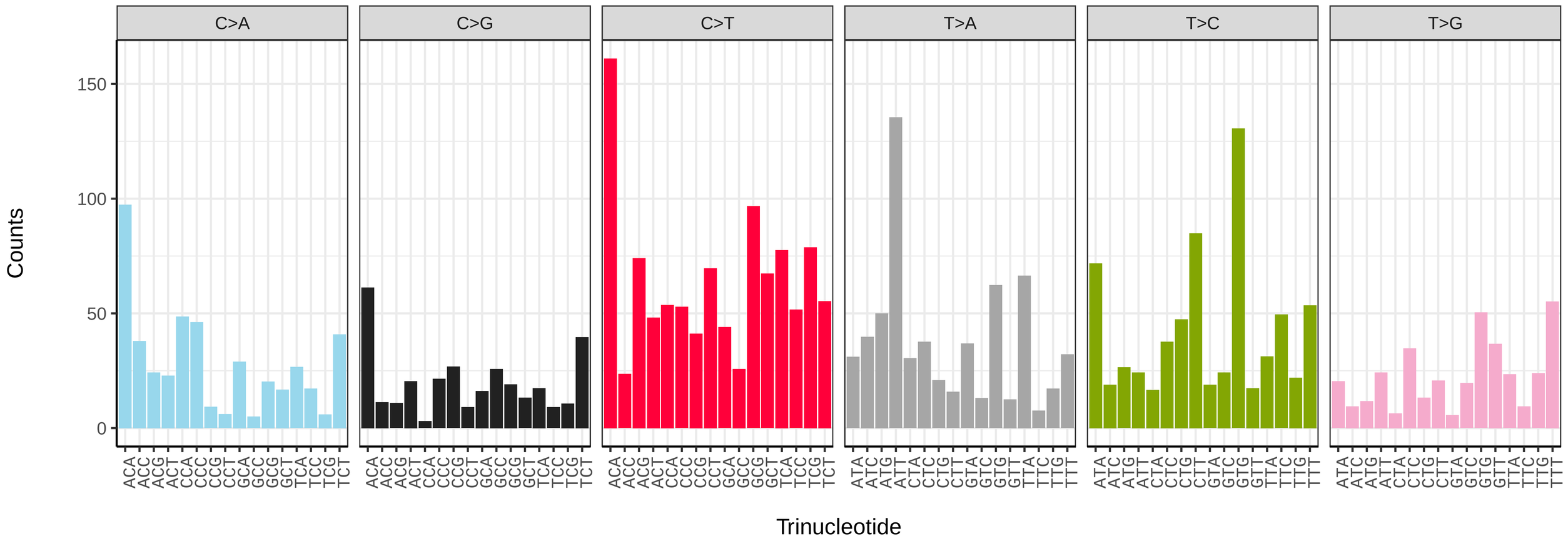
Microchirus variegatus (fMicVar1) somatic mutational spectrum (SBS52 classification)



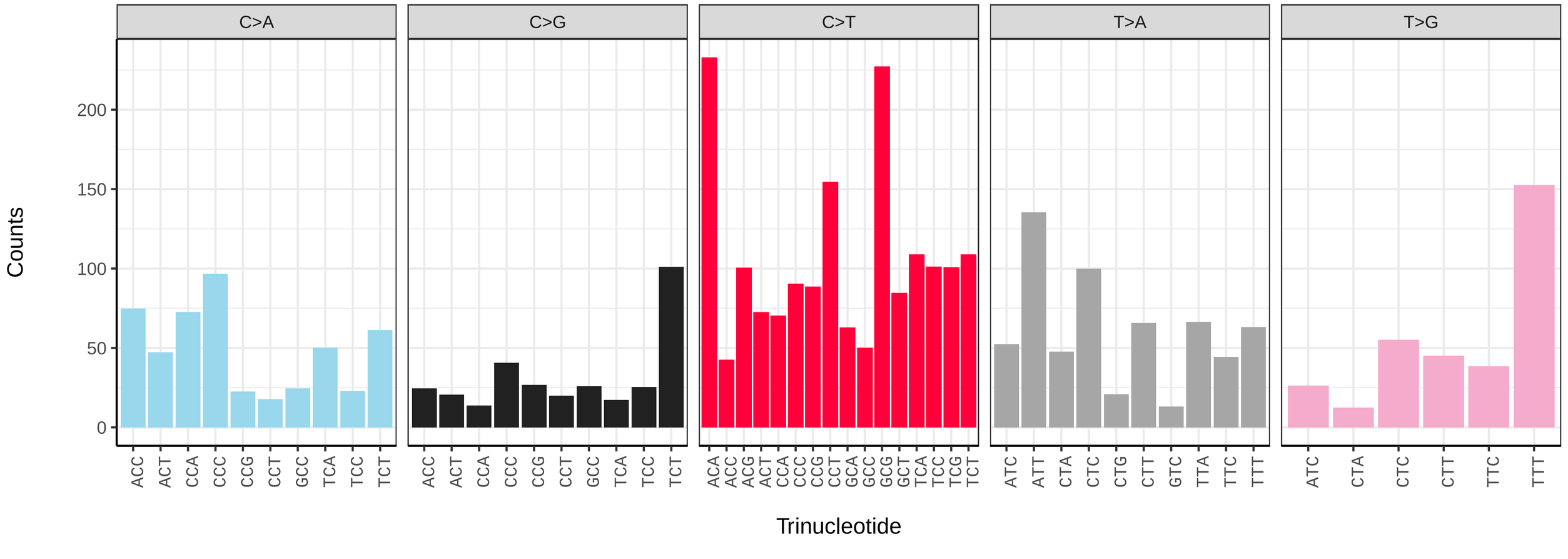
Pholis gunnellus (fPhoGun1) germline mutational spectrum



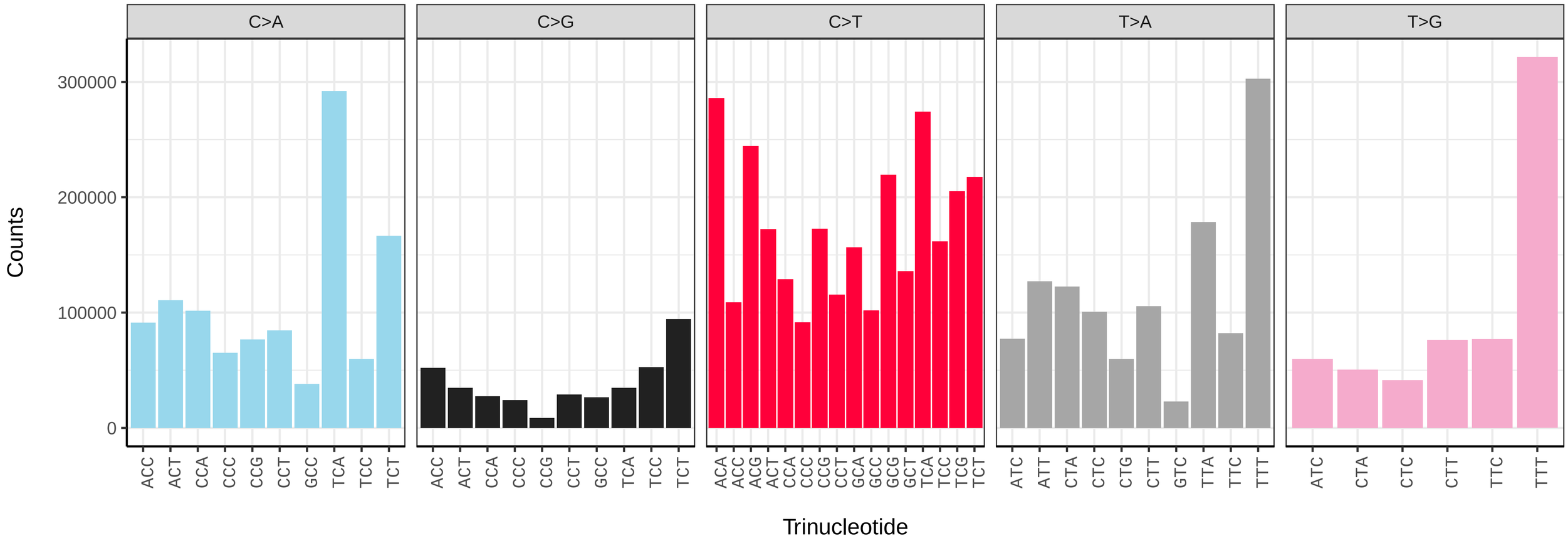
Pholis gunnellus (fPhoGun1) somatic mutational spectrum (SBS96 classification)



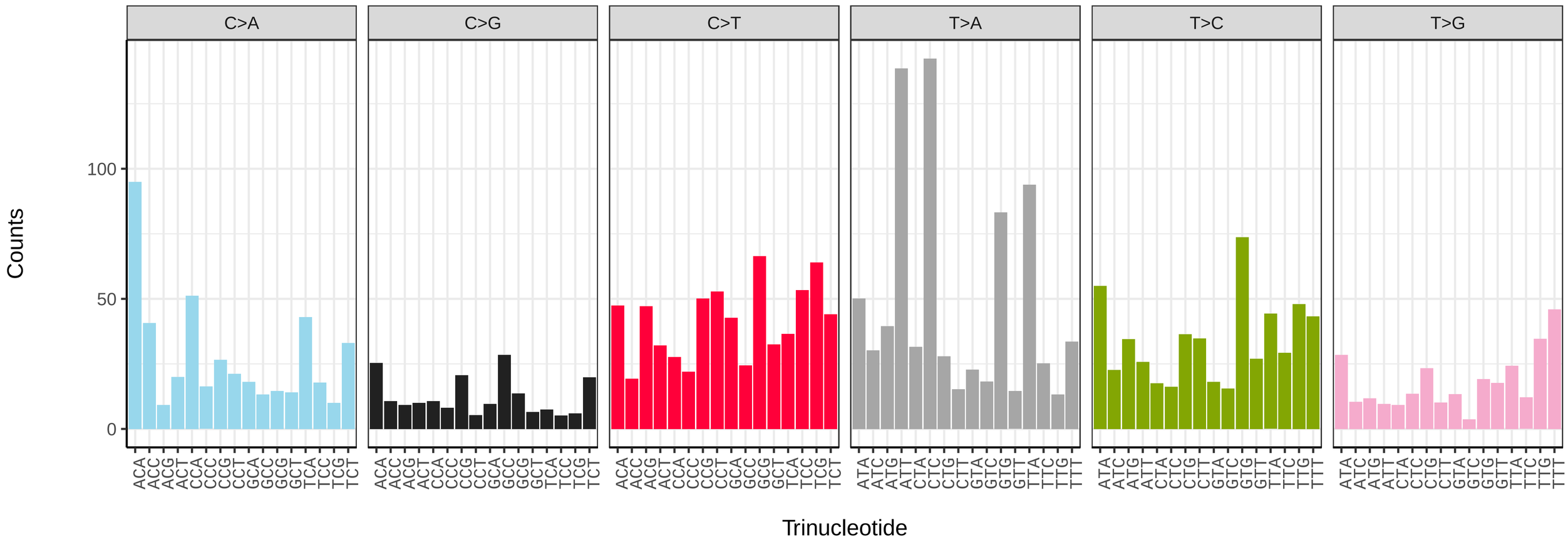
Pholis gunnellus (fPhoGun1) somatic mutational spectrum (SBS52 classification)



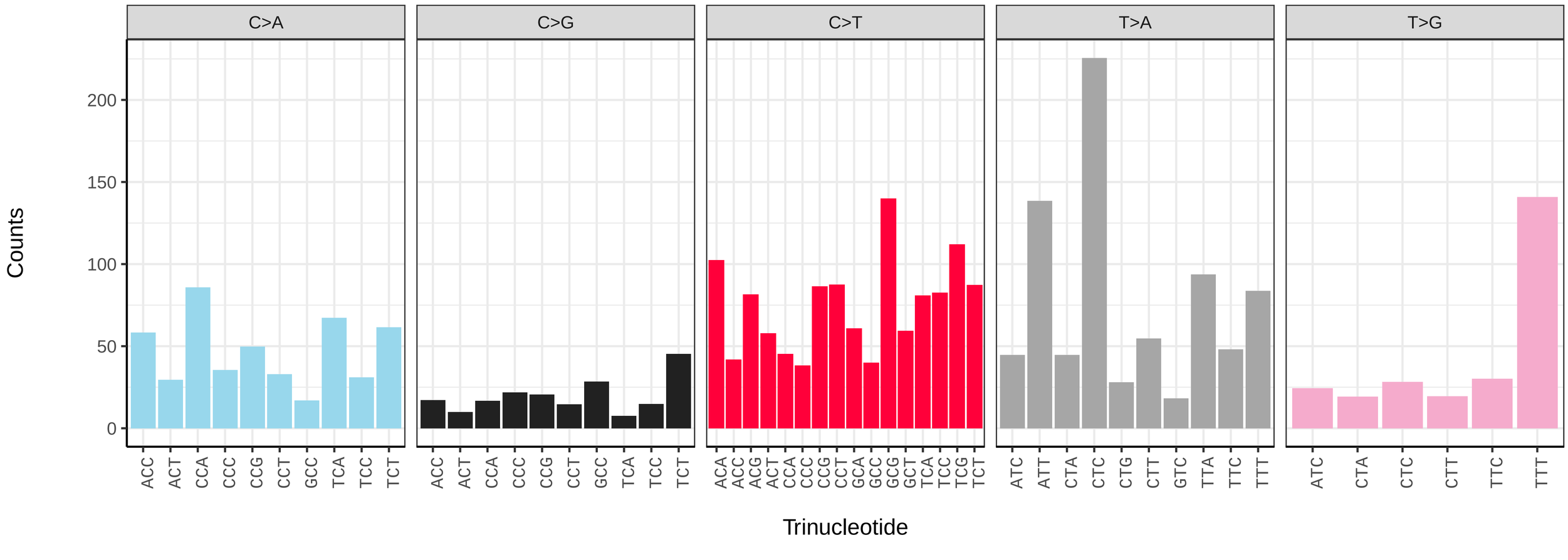
Phoxinus phoxinus (fPhoPho1) germline mutational spectrum



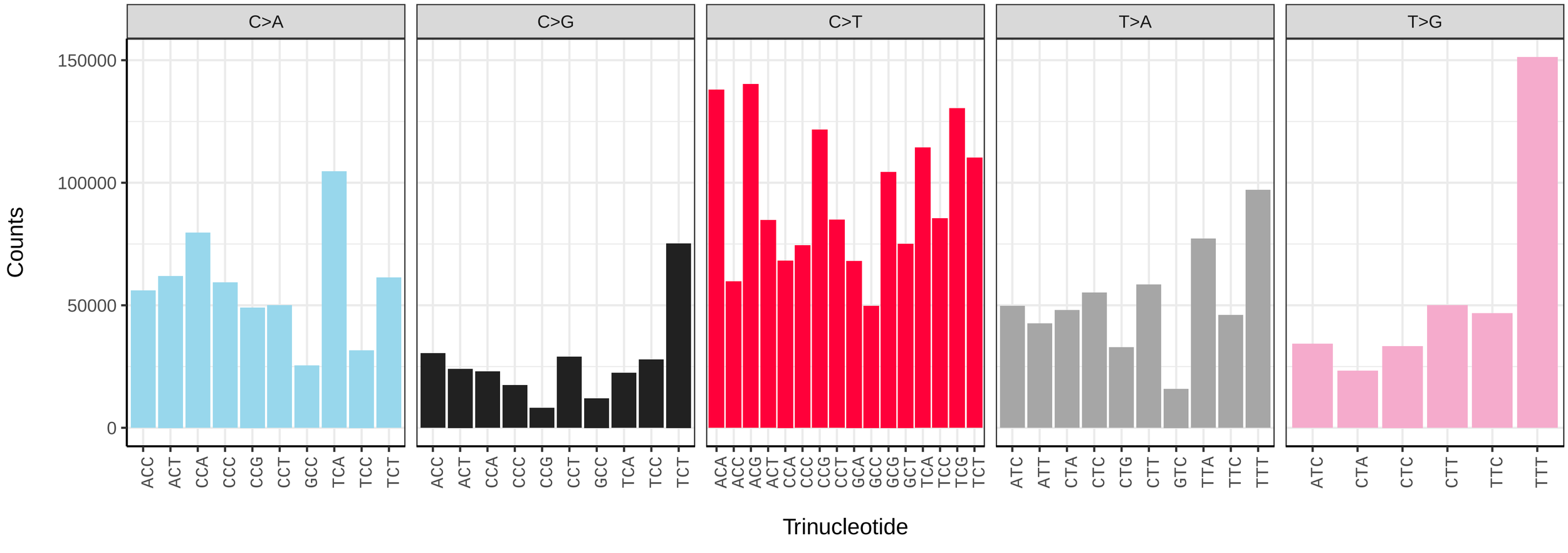
Phoxinus phoxinus (fPhoPho1) somatic mutational spectrum (SBS96 classification)



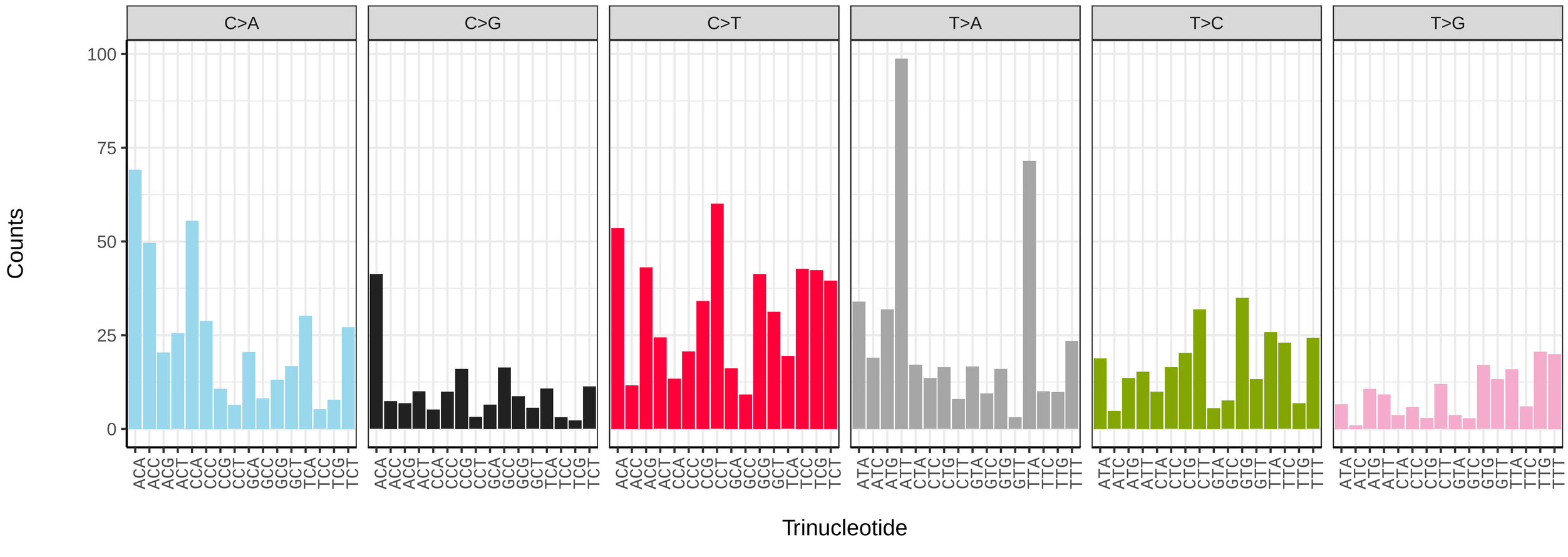
Phoxinus phoxinus (fPhoPho1) somatic mutational spectrum (SBS52 classification)



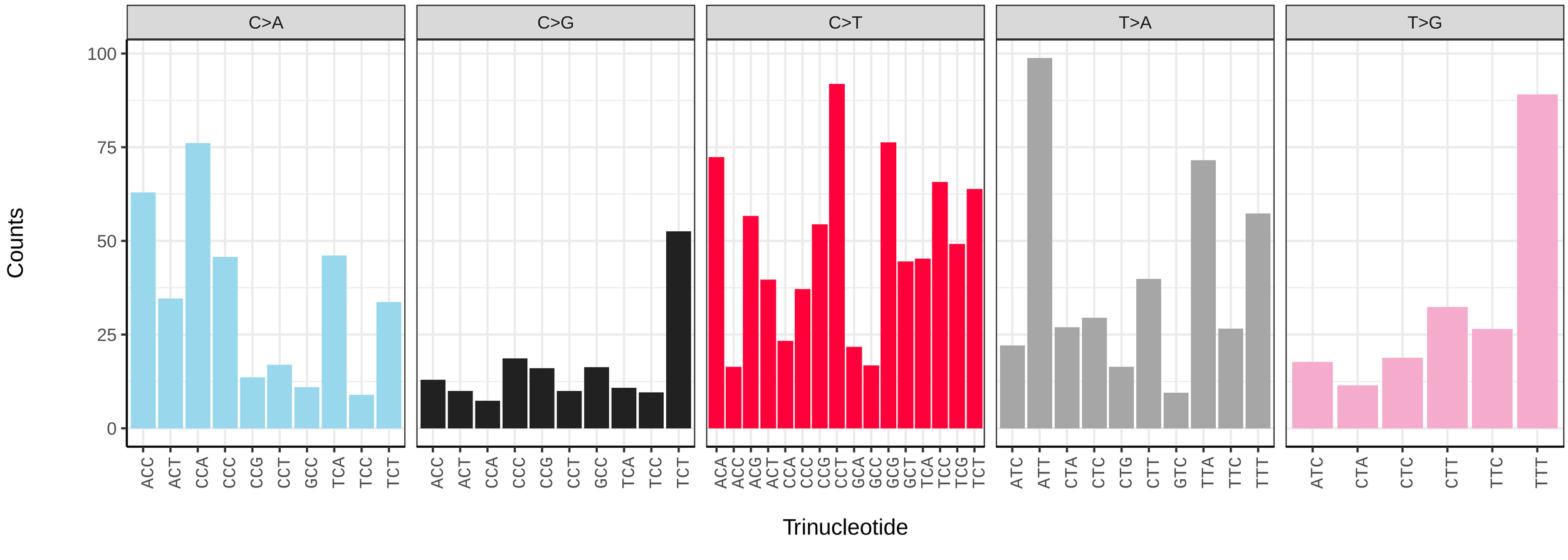
Platichthys flesus (fPlaFle2) germline mutational spectrum



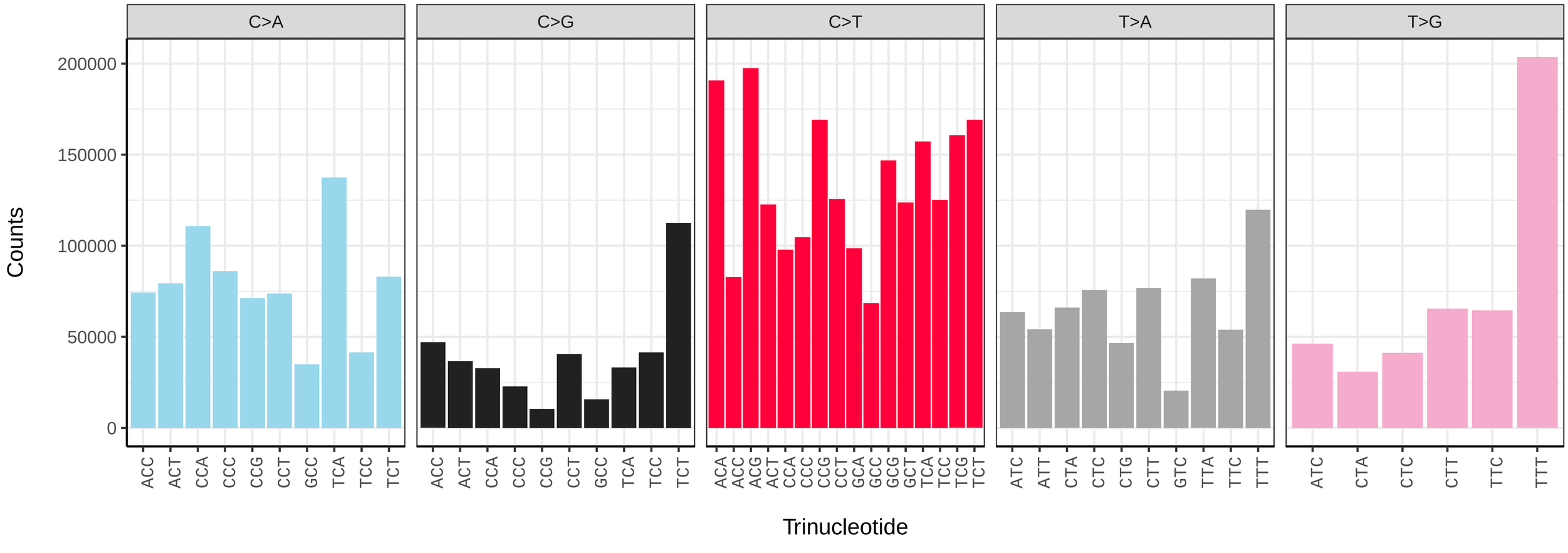
Platichthys flesus (fPlaFle2) somatic mutational spectrum (SBS96 classification)



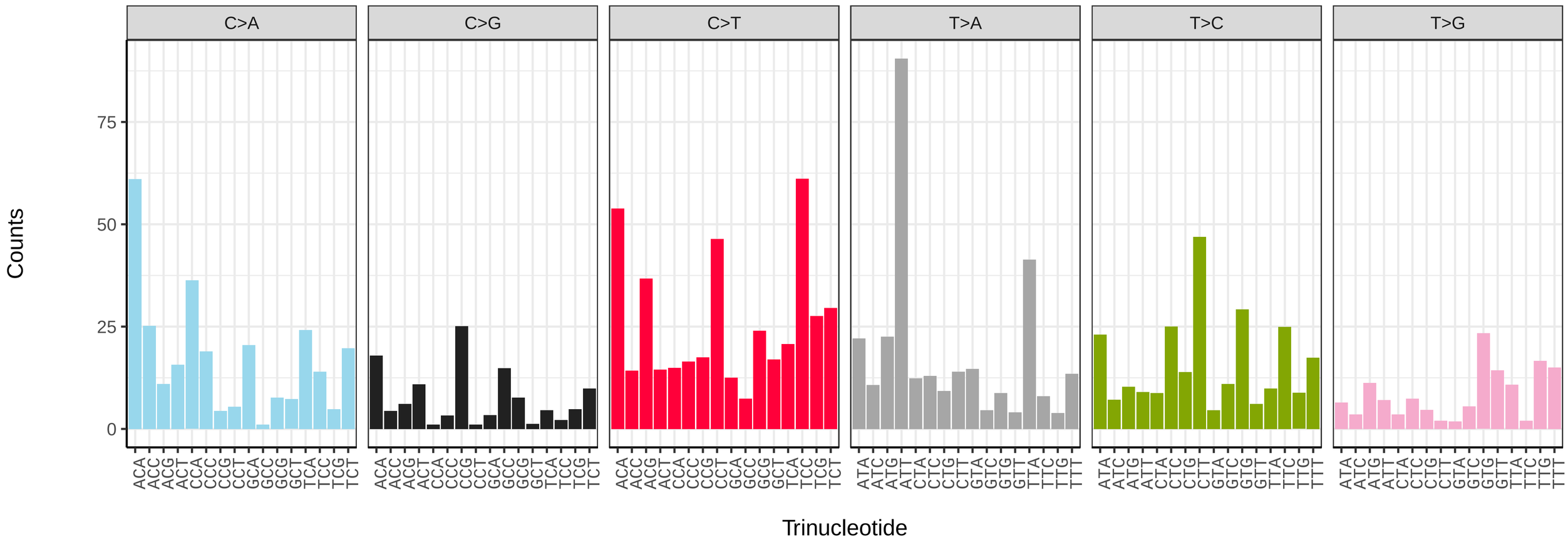
Platichthys flesus (fPlaFle2) somatic mutational spectrum (SBS52 classification)



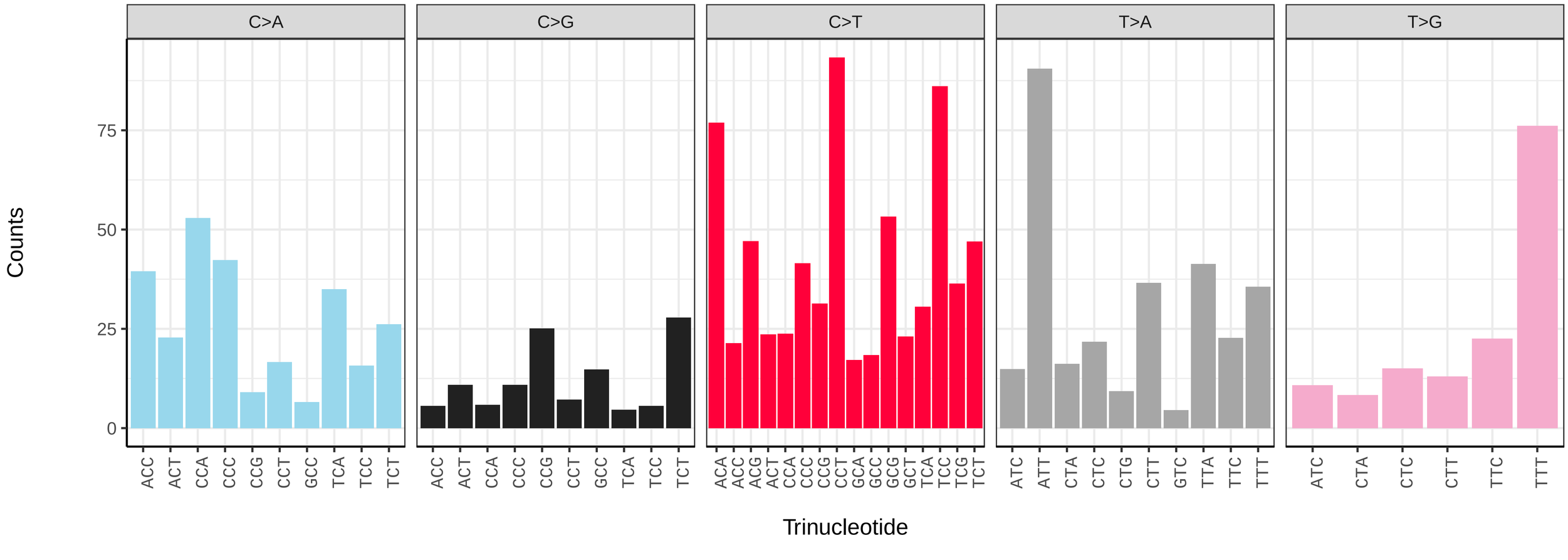
Pleuronectes platessa (fPlePla1) germline mutational spectrum



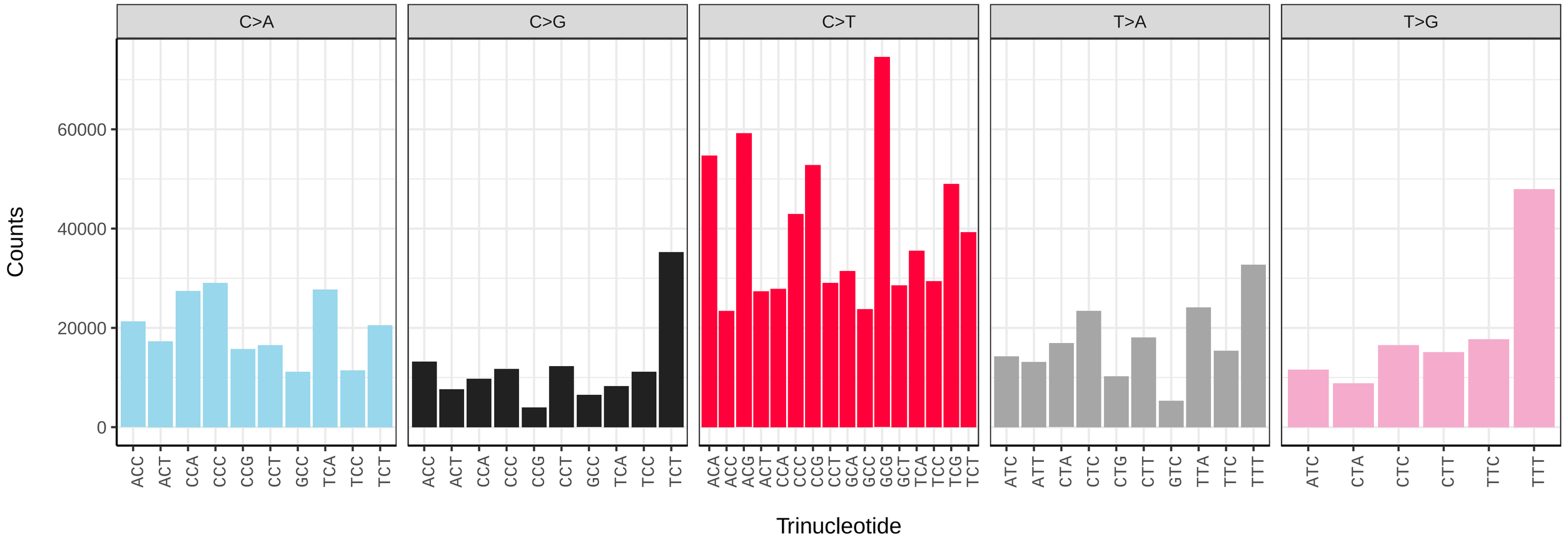
Pleuronectes platessa (fPlePla1) somatic mutational spectrum (SBS96 classification)



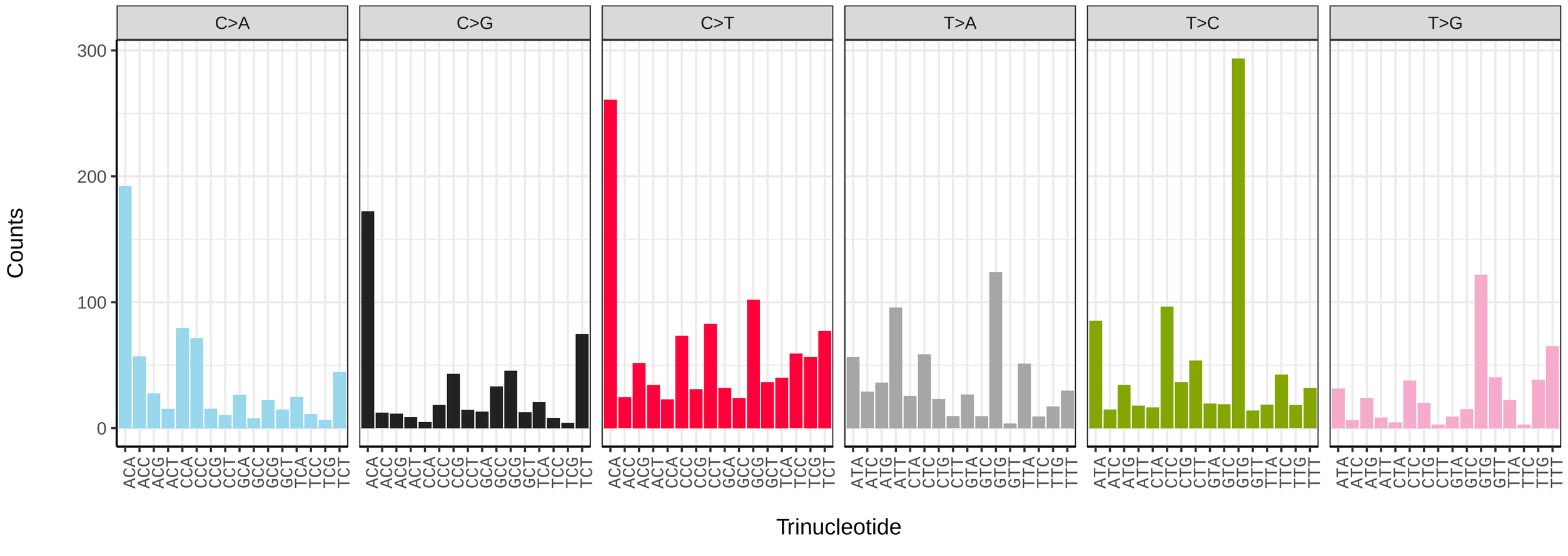
Pleuronectes platessa (fPlePla1) somatic mutational spectrum (SBS52 classification)



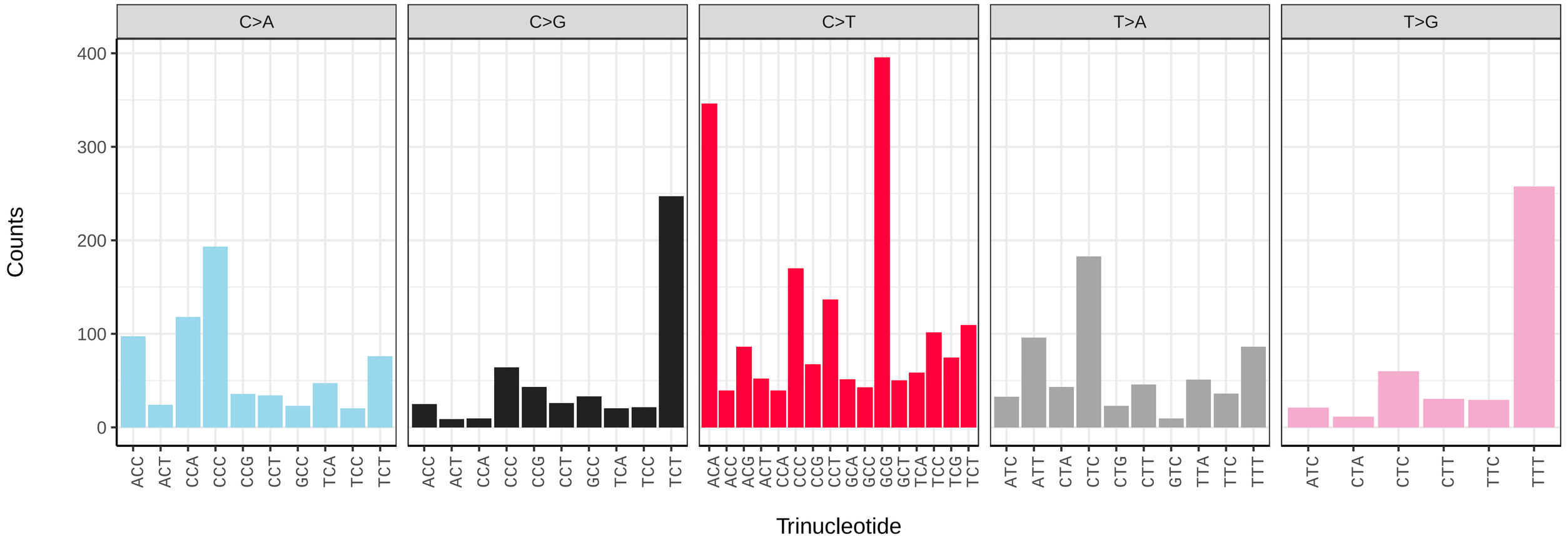
Pollachius pollachius (fPolPol2) germline mutational spectrum



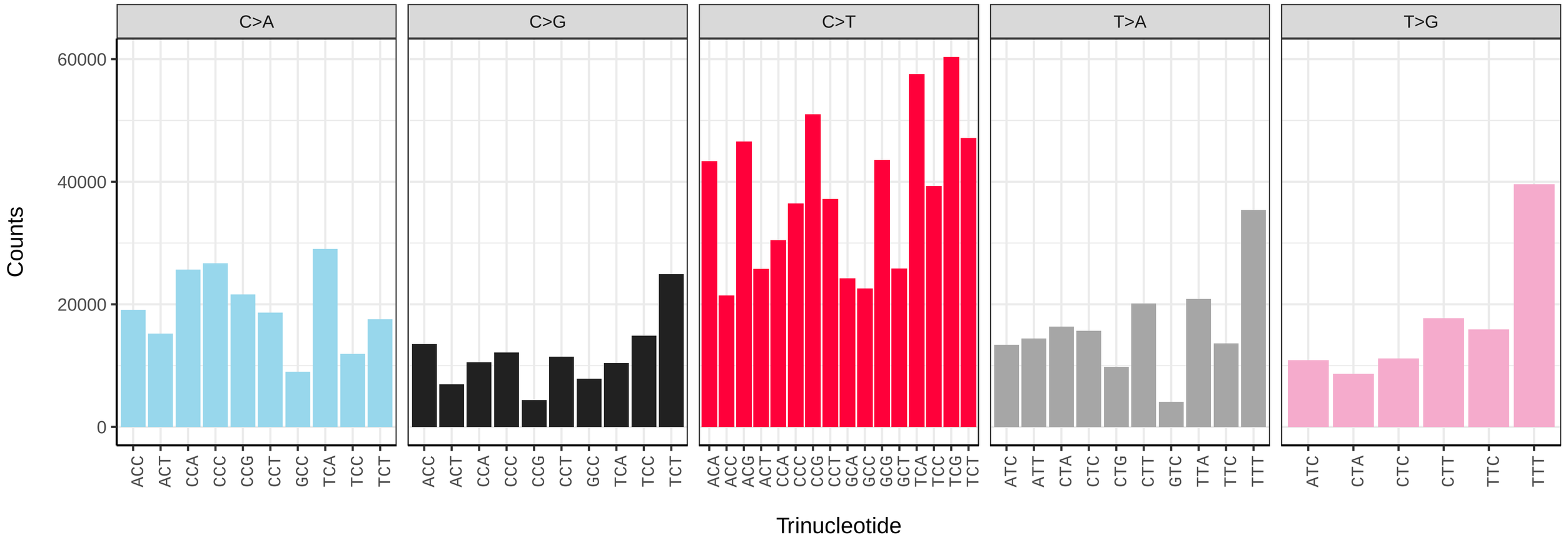
Pollachius pollachius (fPolPol2) somatic mutational spectrum (SBS96 classification)



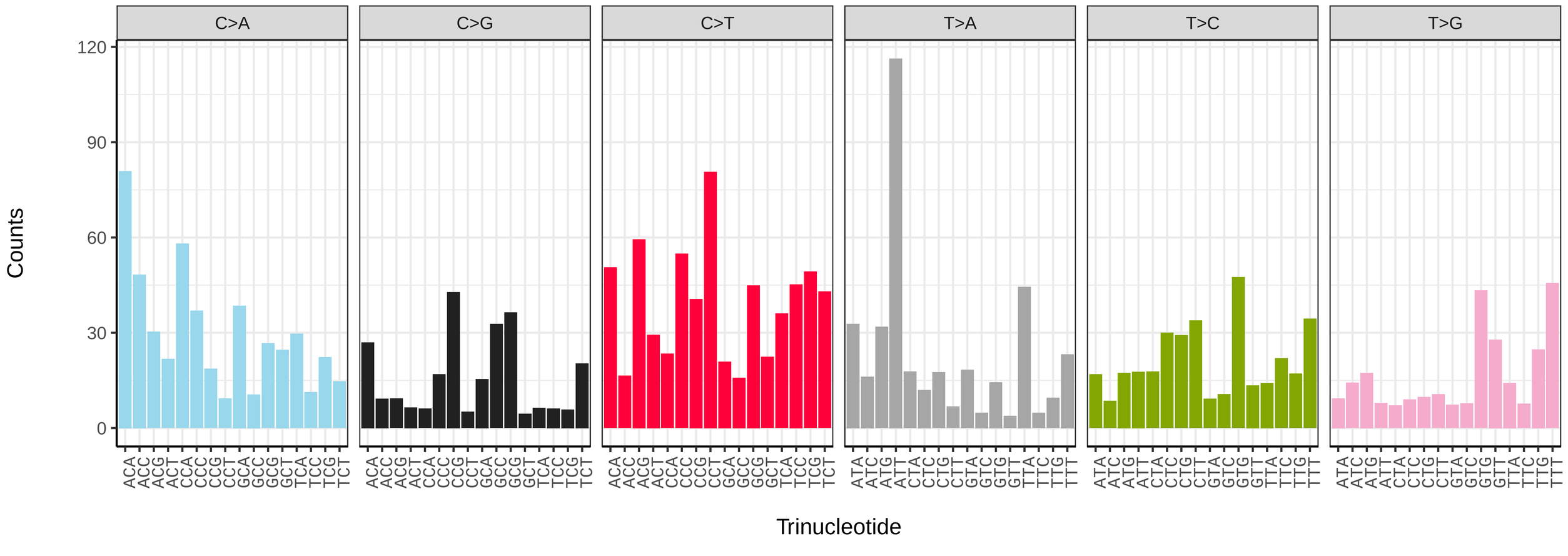
Pollachius pollachius (fPolPol2) somatic mutational spectrum (SBS52 classification)



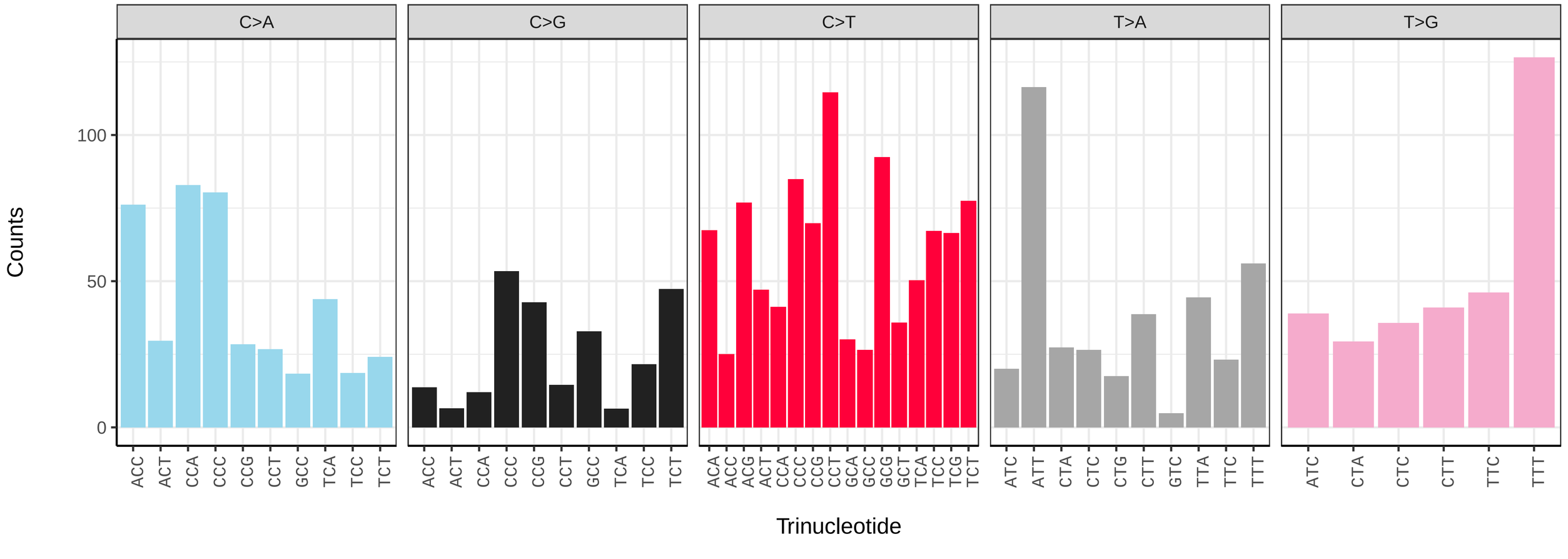
Pungitius pungitius (fPunPun2) germline mutational spectrum



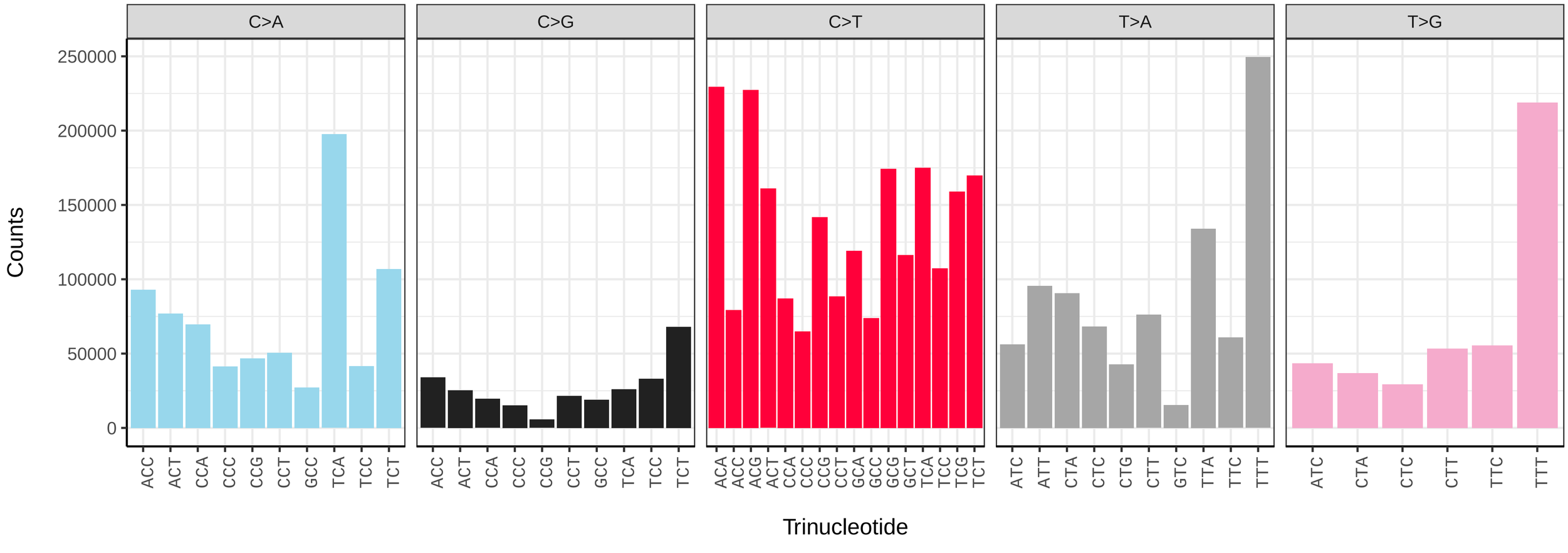
Pungitius pungitius (fPunPun2) somatic mutational spectrum (SBS96 classification)



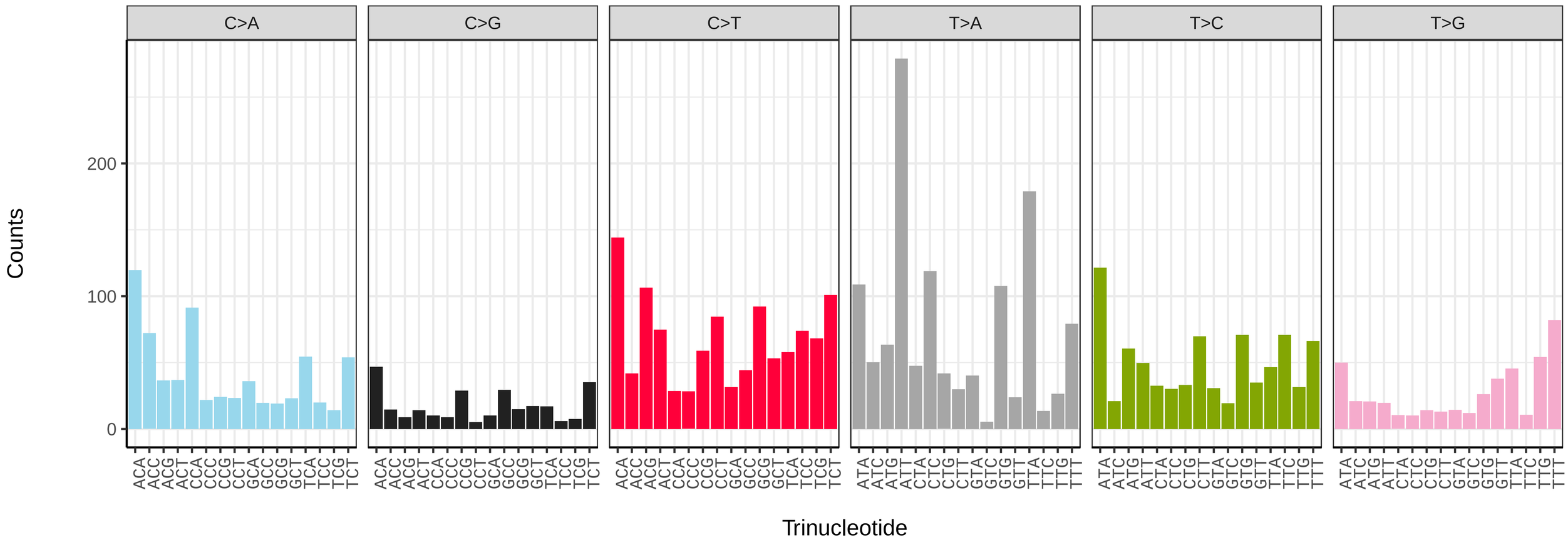
Pungitius pungitius (fPunPun2) somatic mutational spectrum (SBS52 classification)



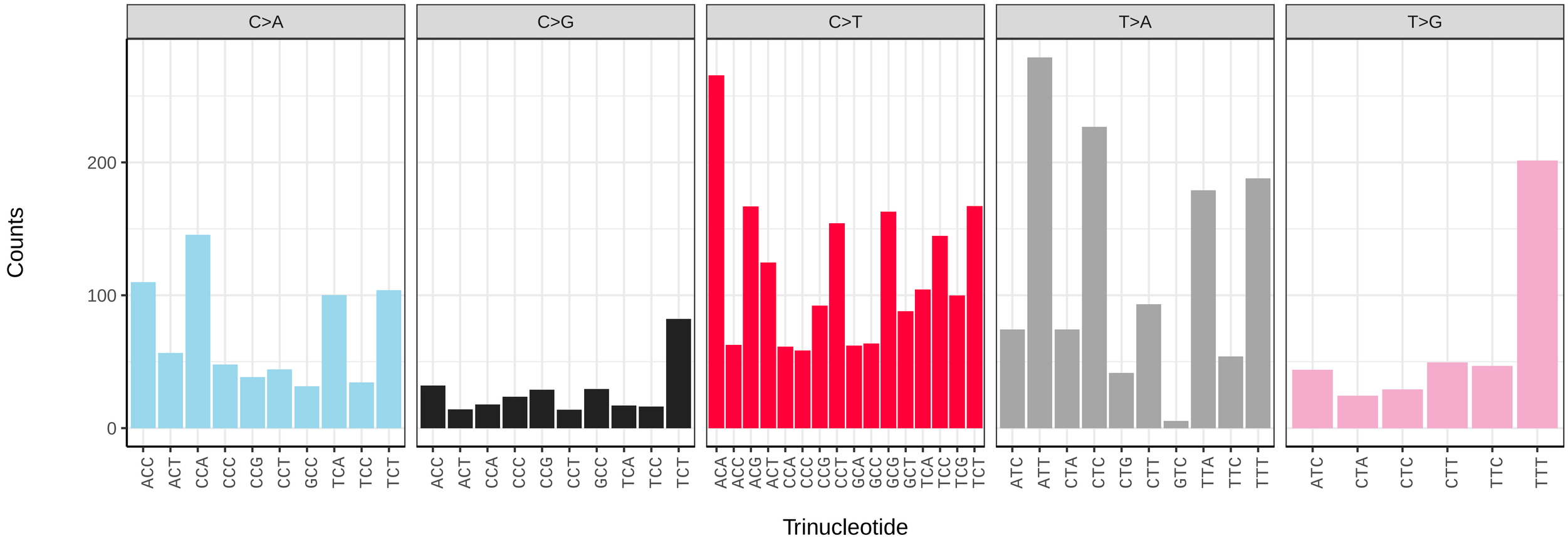
Rutilus rutilus (fRutRut2) germline mutational spectrum



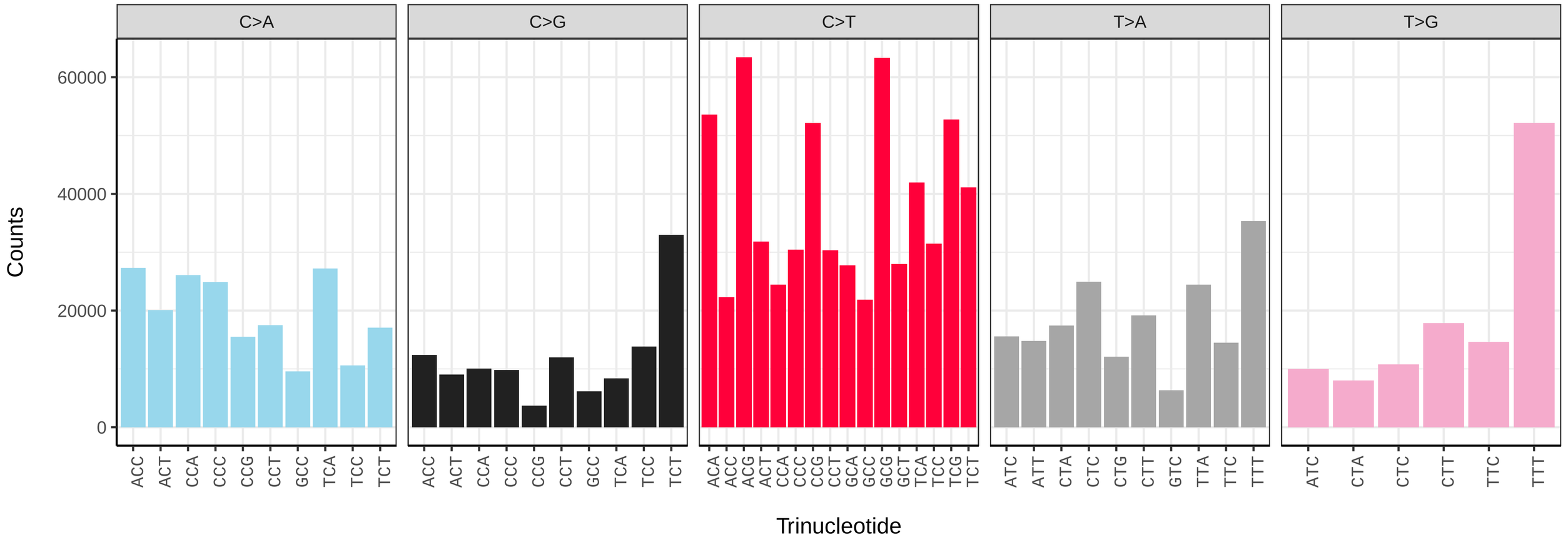
Rutilus rutilus (fRutRut2) somatic mutational spectrum (SBS96 classification)



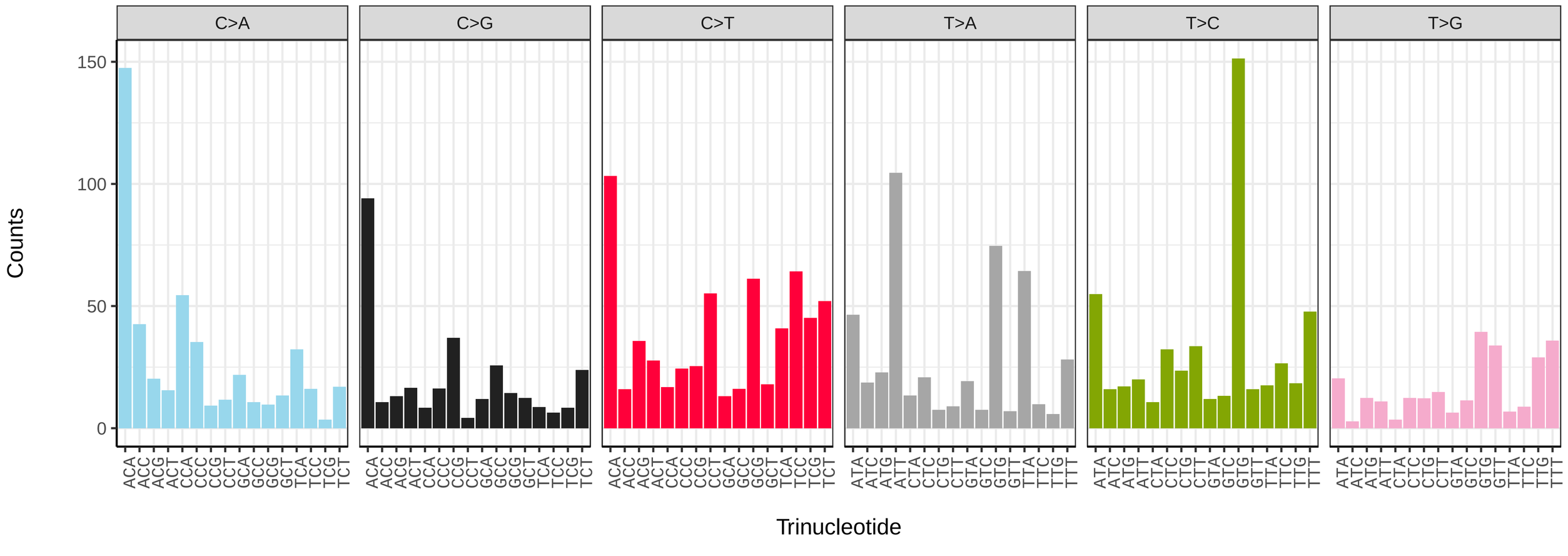
Rutilus rutilus (fRutRut2) somatic mutational spectrum (SBS52 classification)



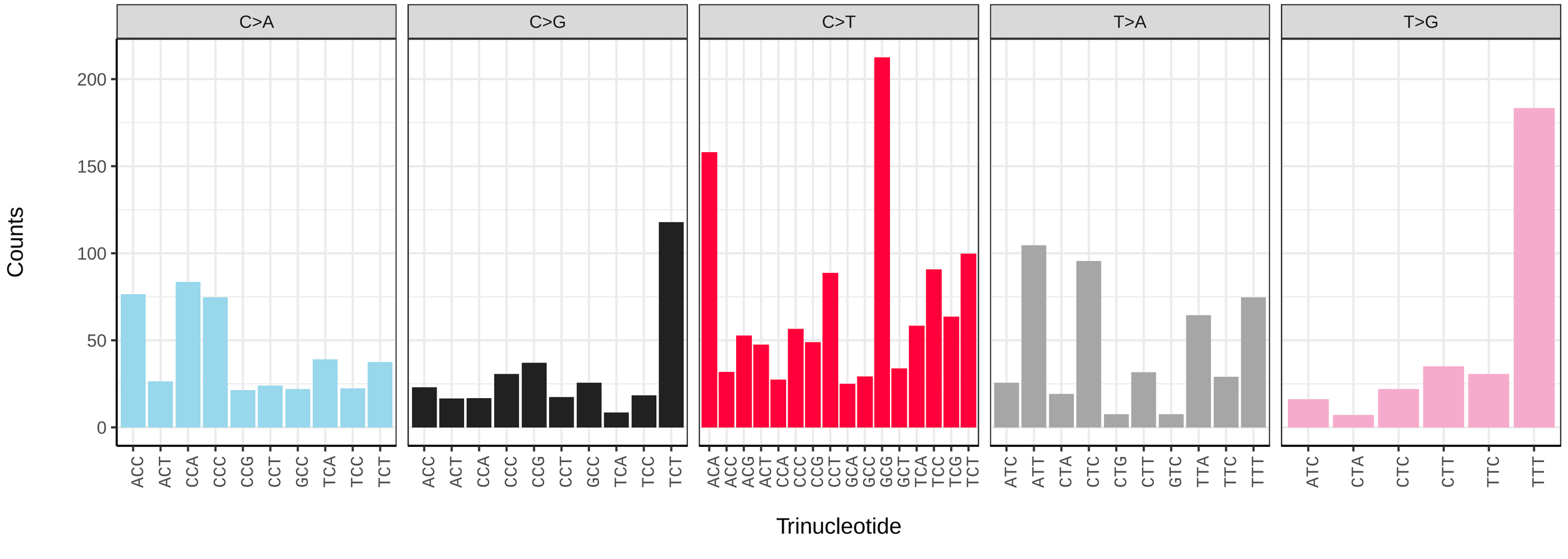
Scophthalmus maximus (fScoMax1) germline mutational spectrum



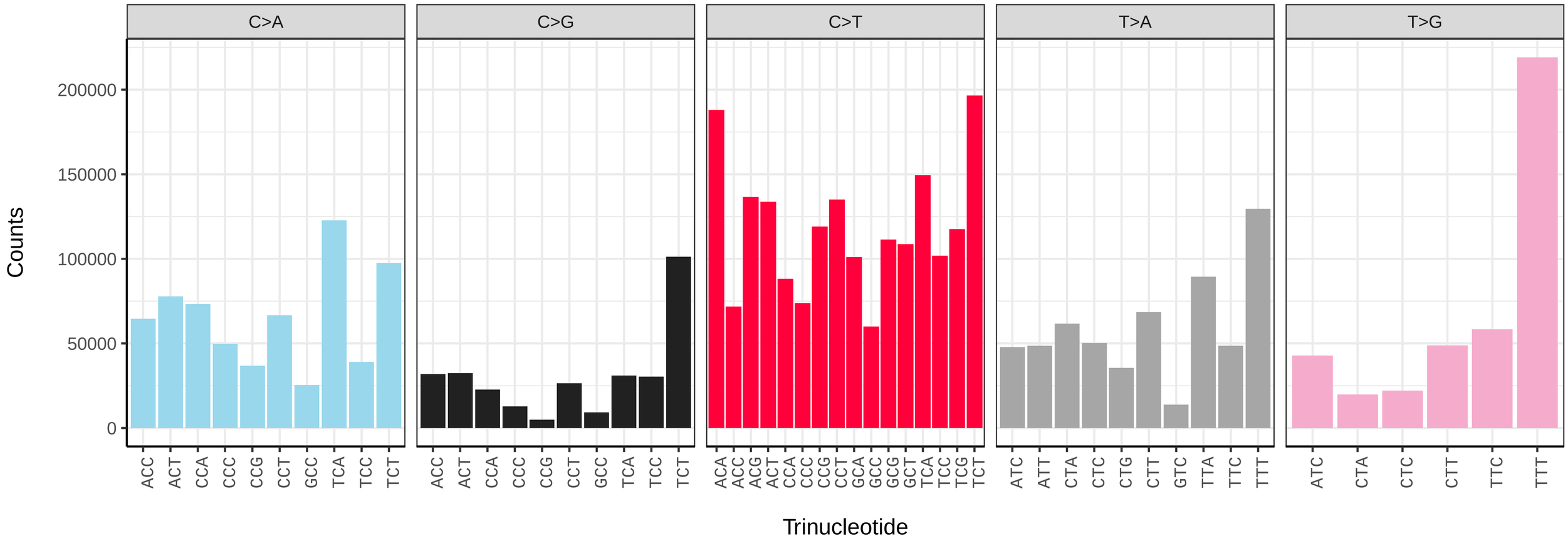
Scophthalmus maximus (fScoMax1) somatic mutational spectrum (SBS96 classification)



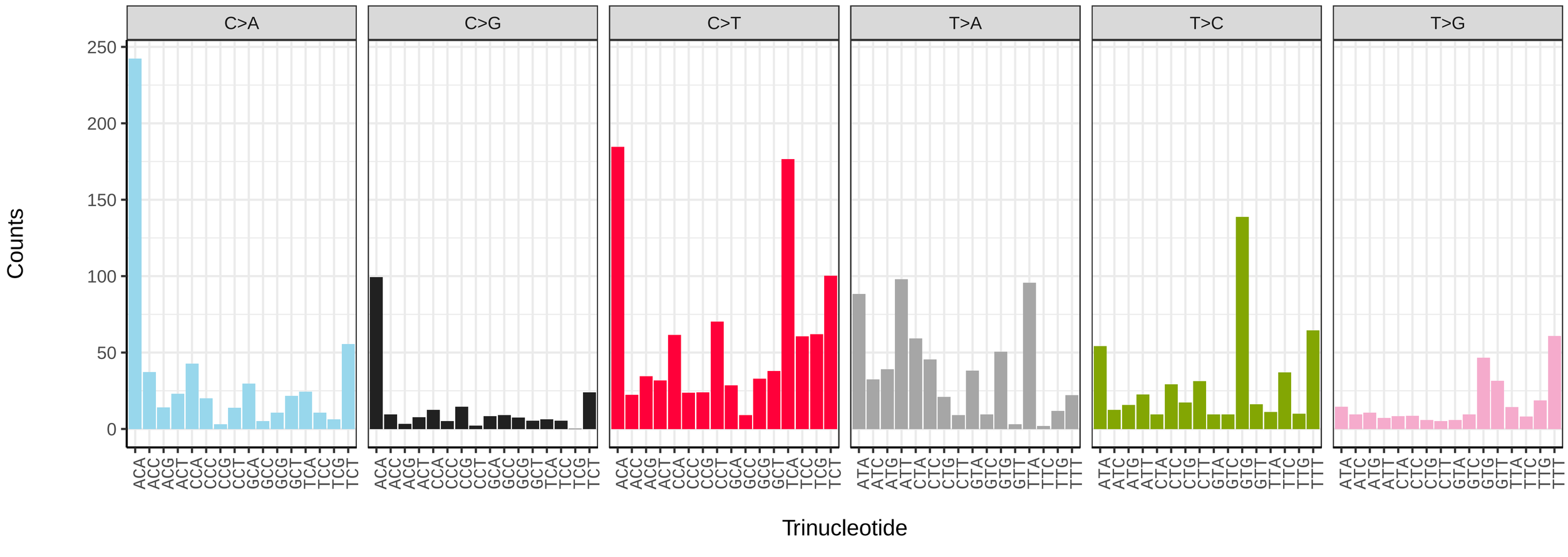
Scophthalmus maximus (fScoMax1) somatic mutational spectrum (SBS52 classification)



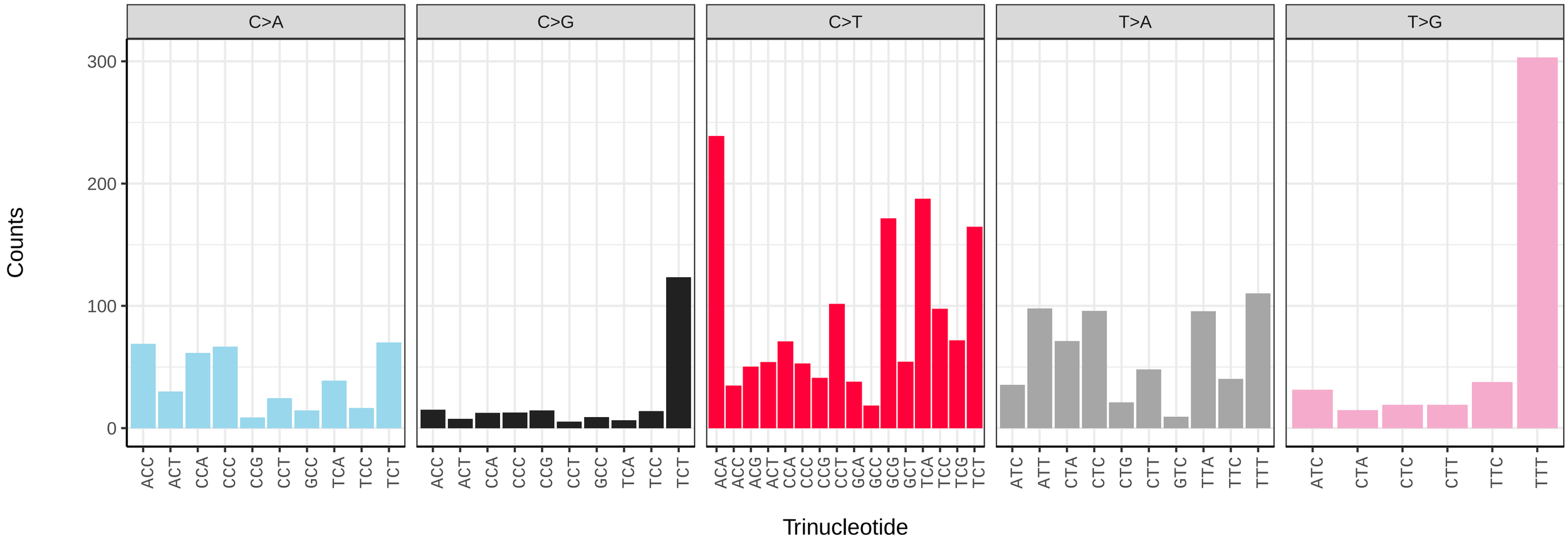
Scomber scombrus (fScoSco1) germline mutational spectrum



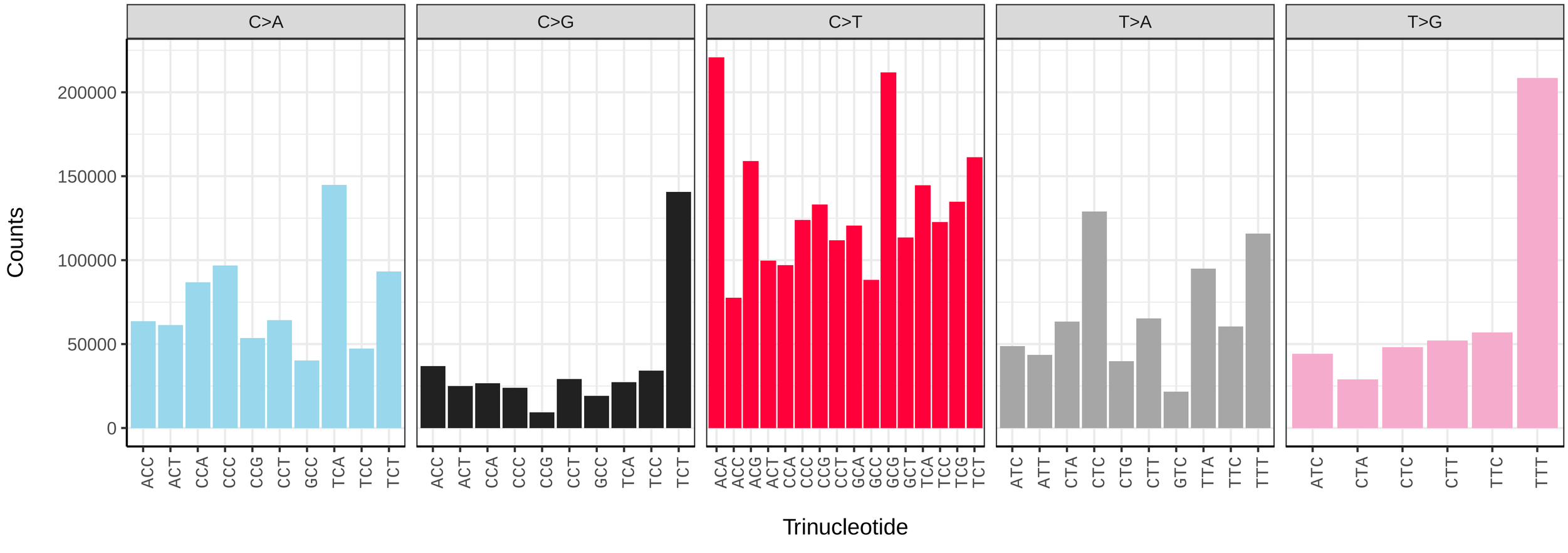
Scomber scombrus (fScoSco1) somatic mutational spectrum (SBS96 classification)



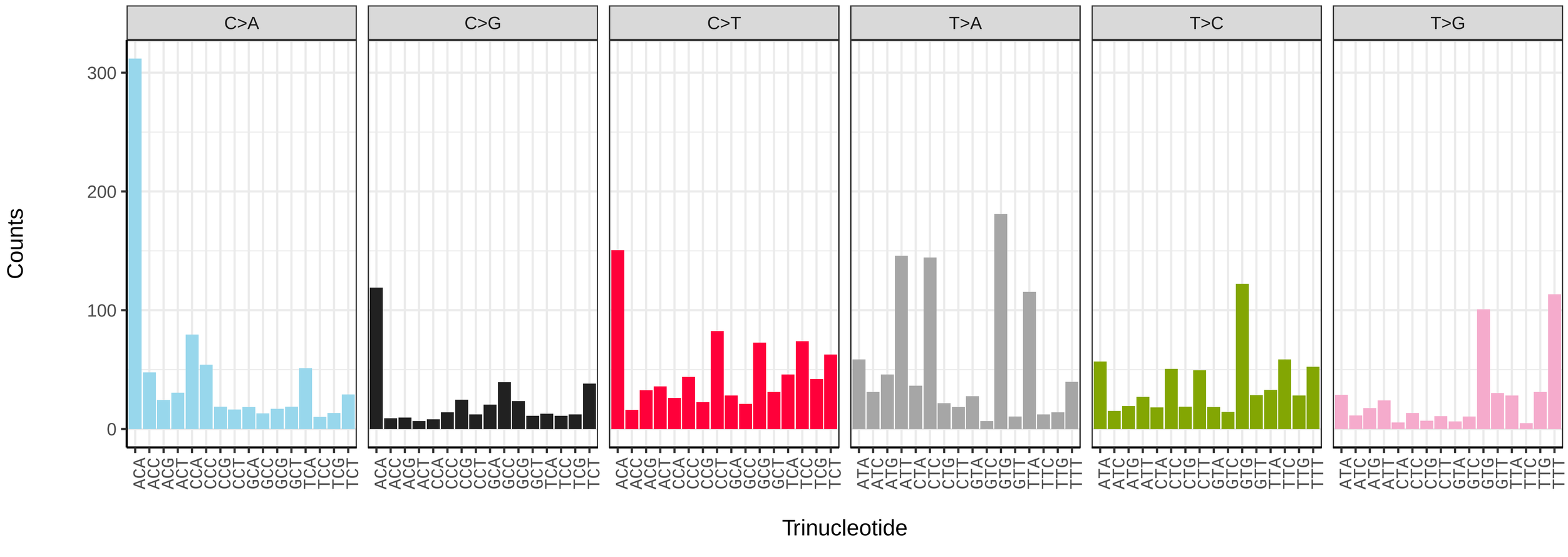
Scomber scombrus (fScoSco1) somatic mutational spectrum (SBS52 classification)



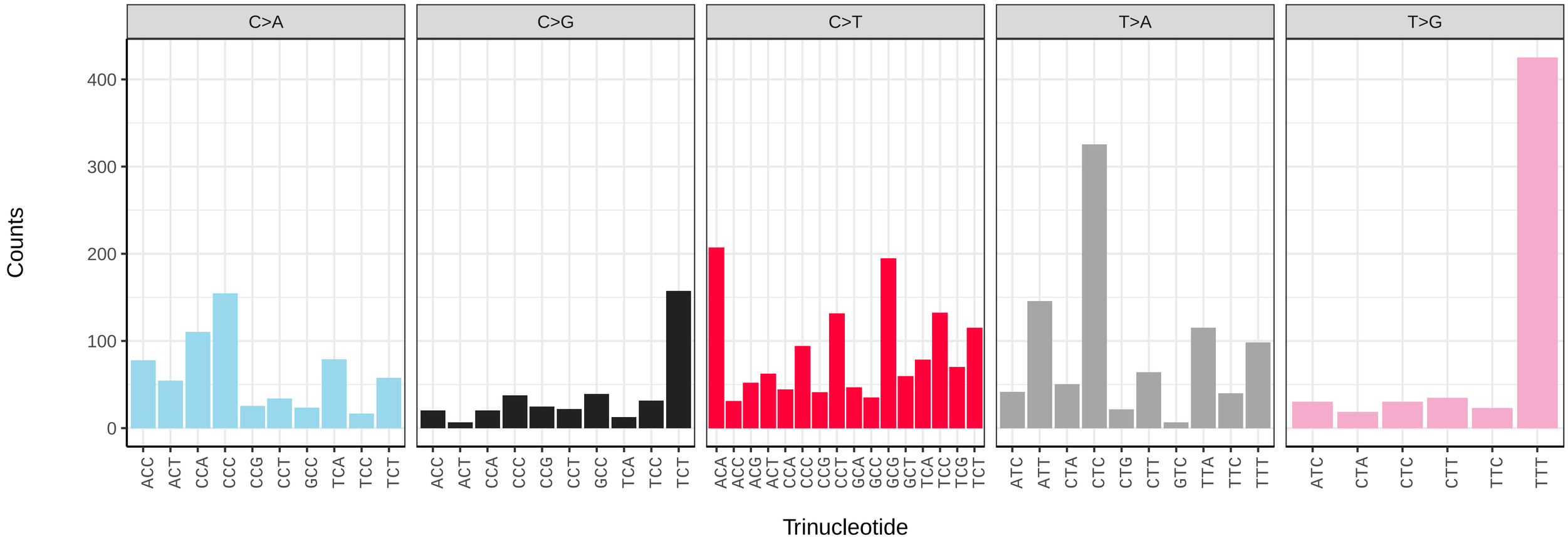
Sprattus sprattus (fSprSpr1) germline mutational spectrum



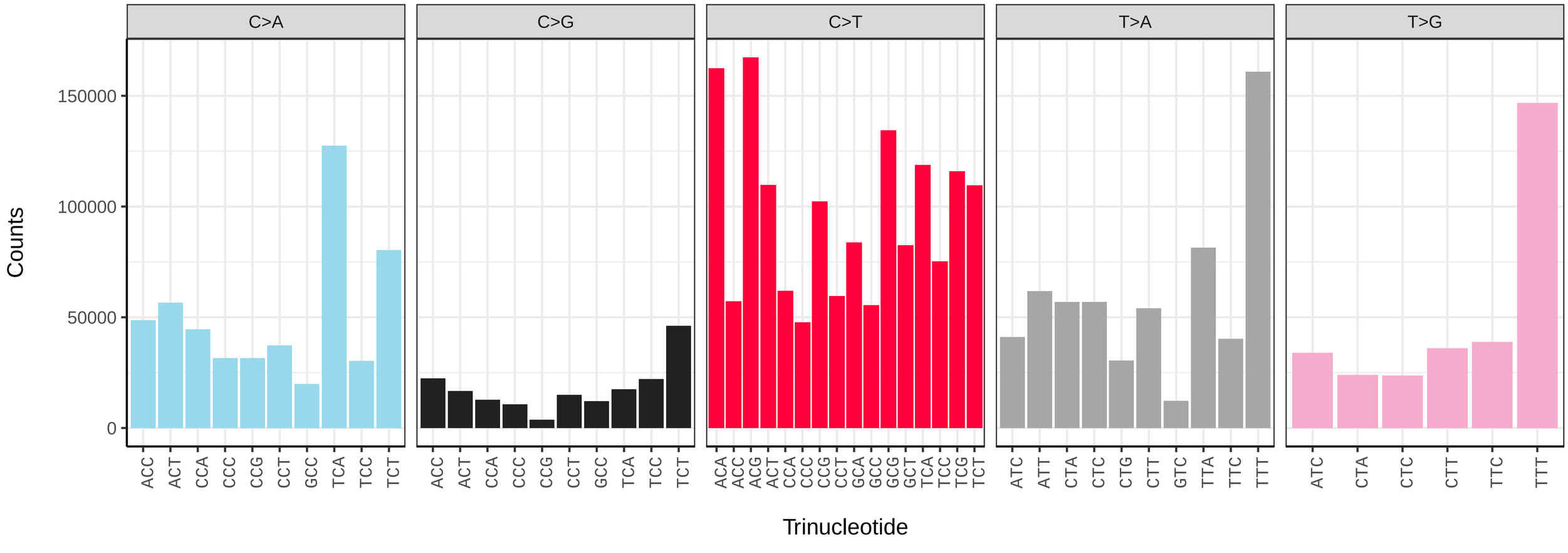
Sprattus sprattus (fSprSpr1) somatic mutational spectrum (SBS96 classification)



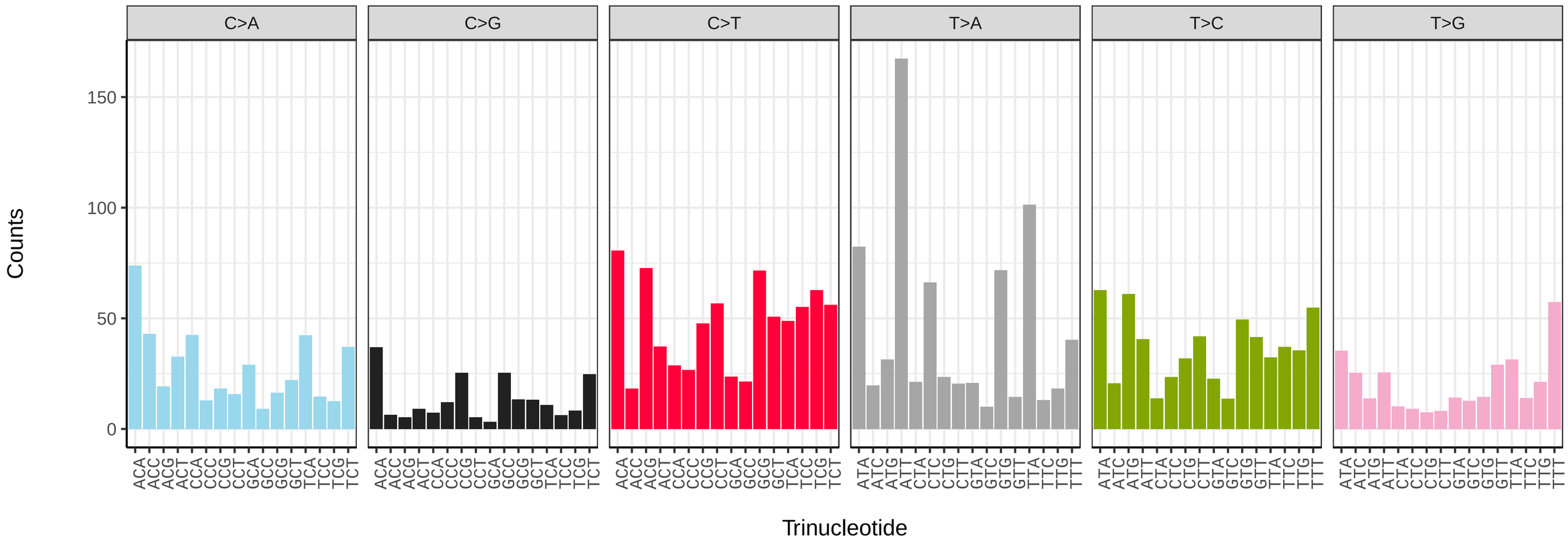
Sprattus sprattus (fSprSpr1) somatic mutational spectrum (SBS52 classification)



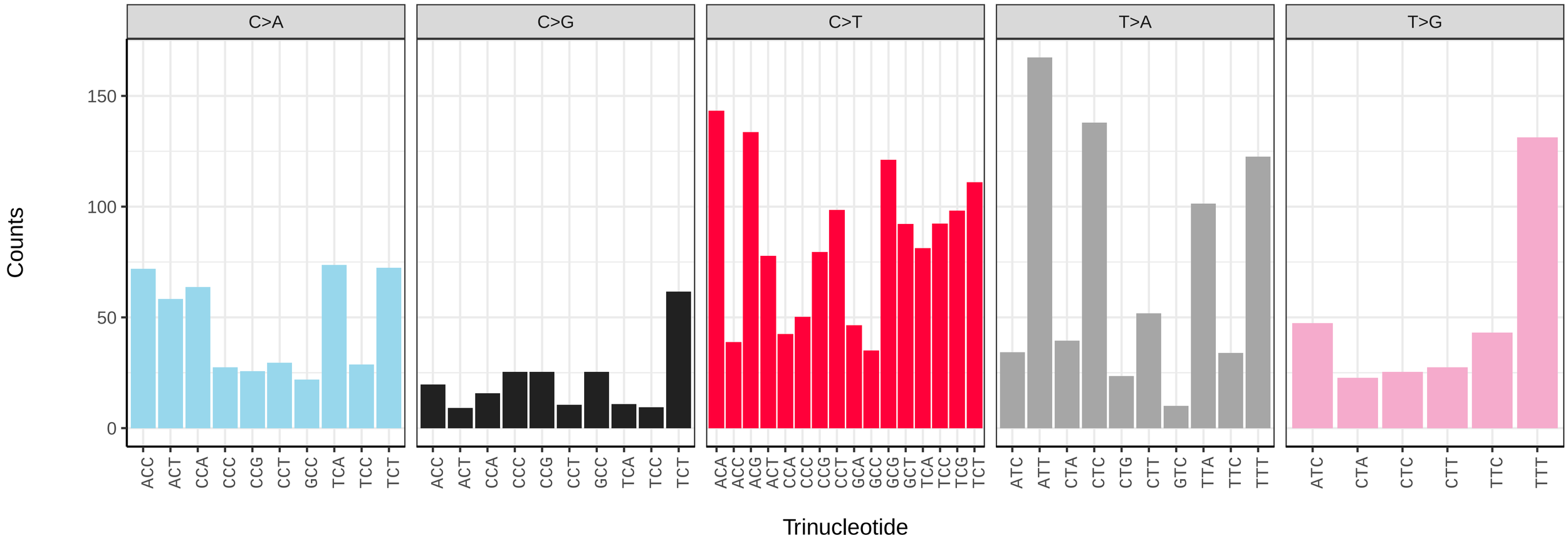
Squalius cephalus (fSquCep2) germline mutational spectrum



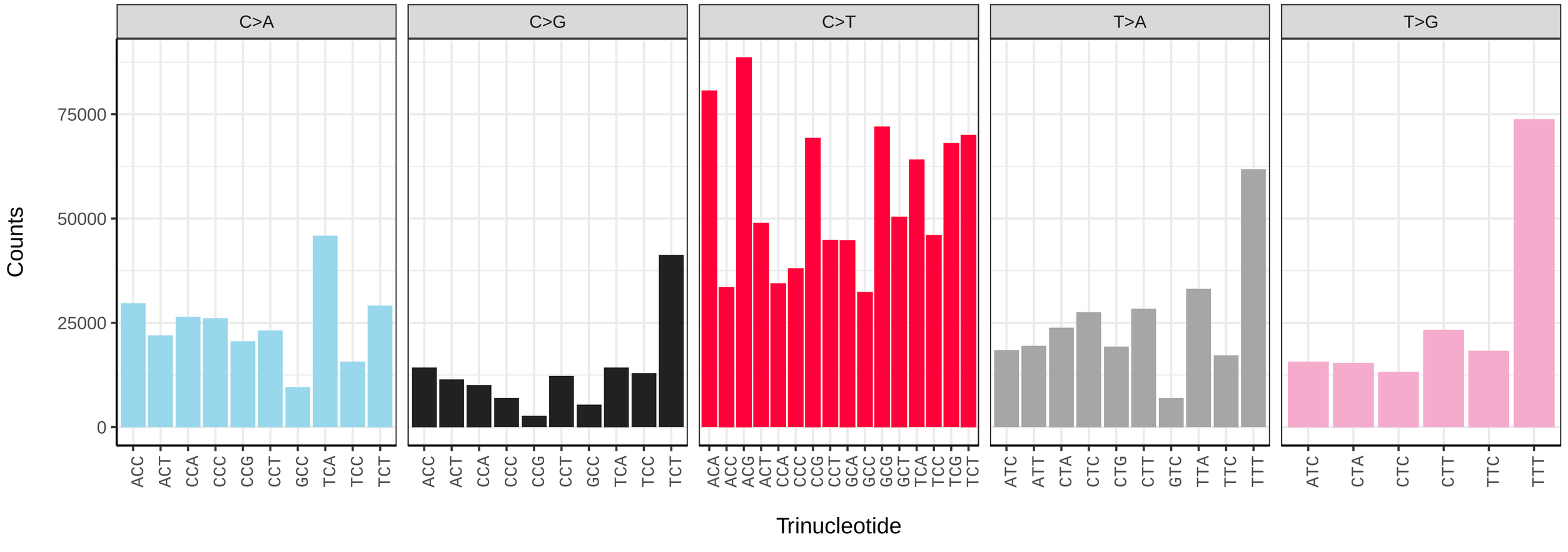
Squalius cephalus (fSquCep2) somatic mutational spectrum (SBS96 classification)



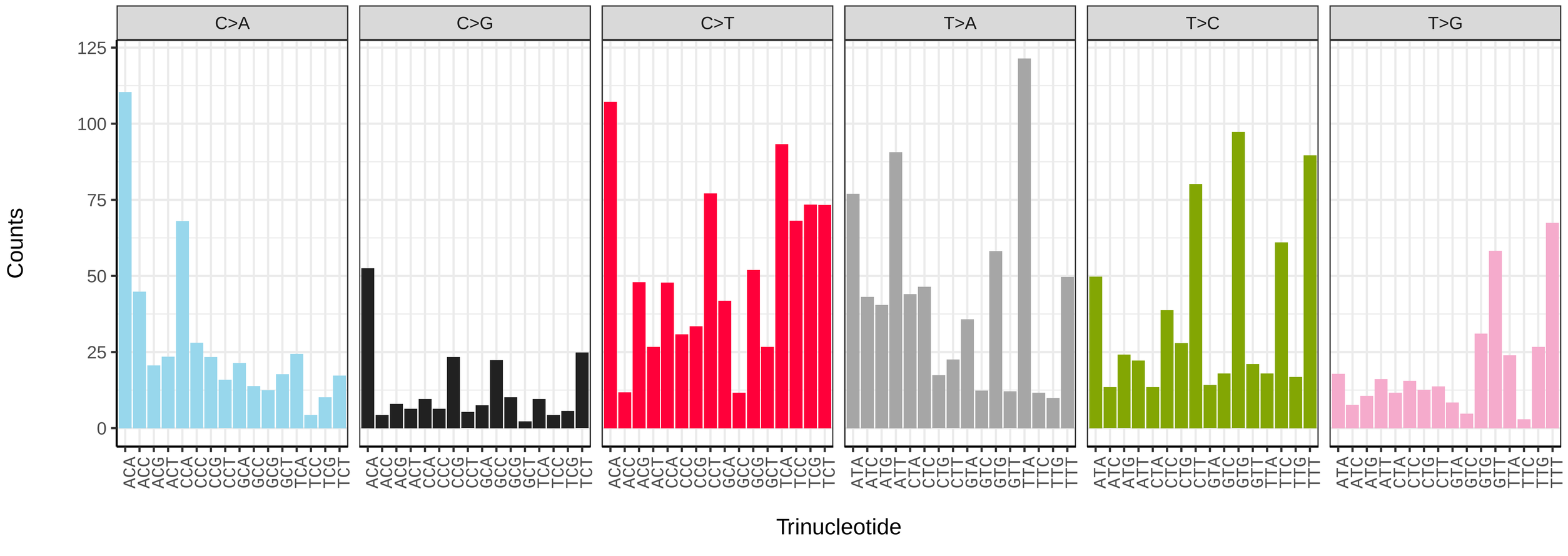
Squalius cephalus (fSquCep2) somatic mutational spectrum (SBS52 classification)



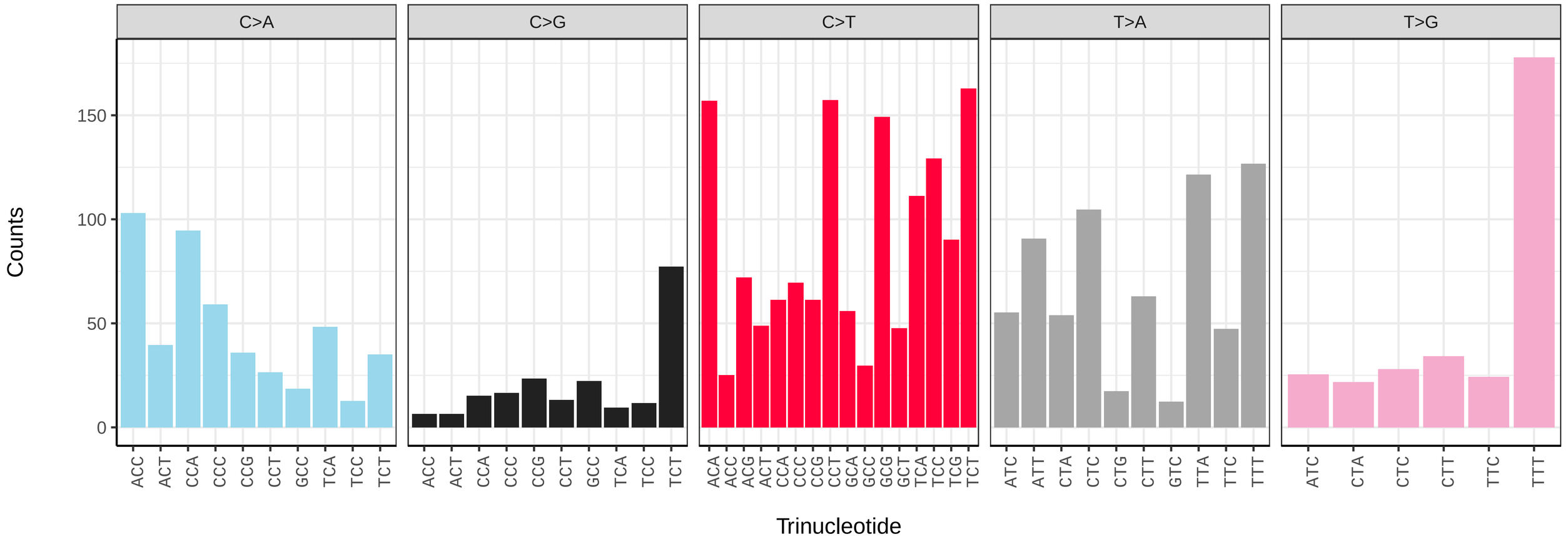
Symphodus melops (fSymMel2) germline mutational spectrum



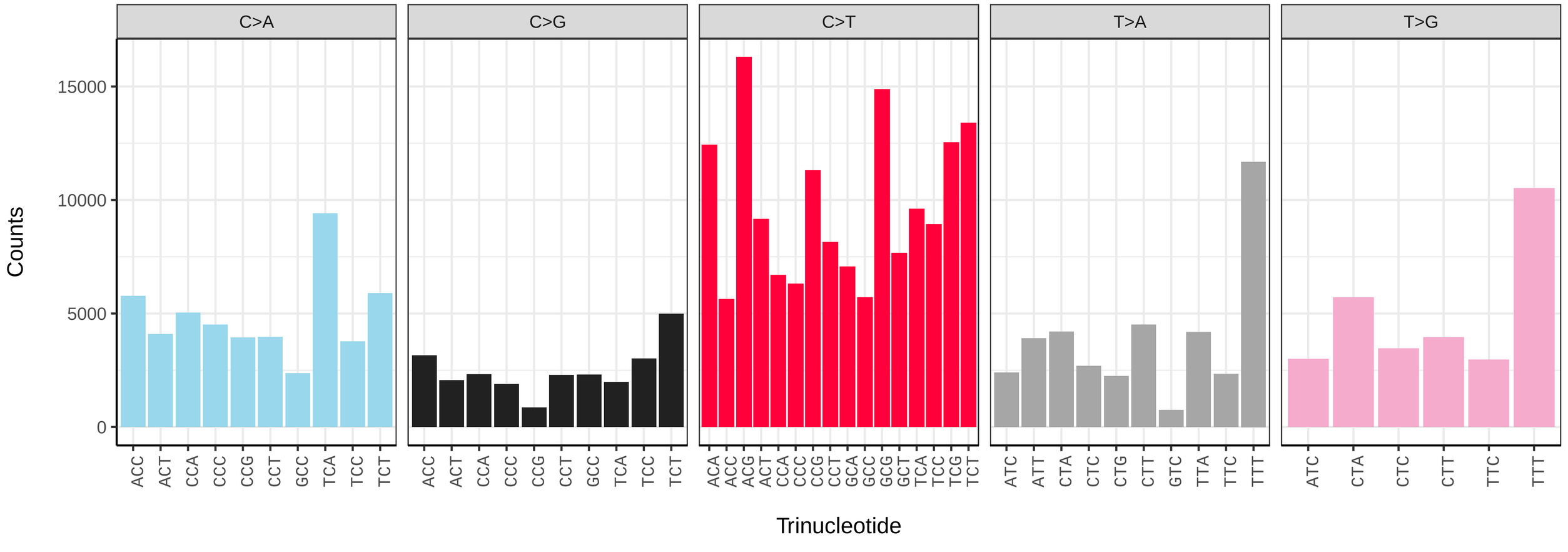
Symphodus melops (fSymMel2) somatic mutational spectrum (SBS96 classification)



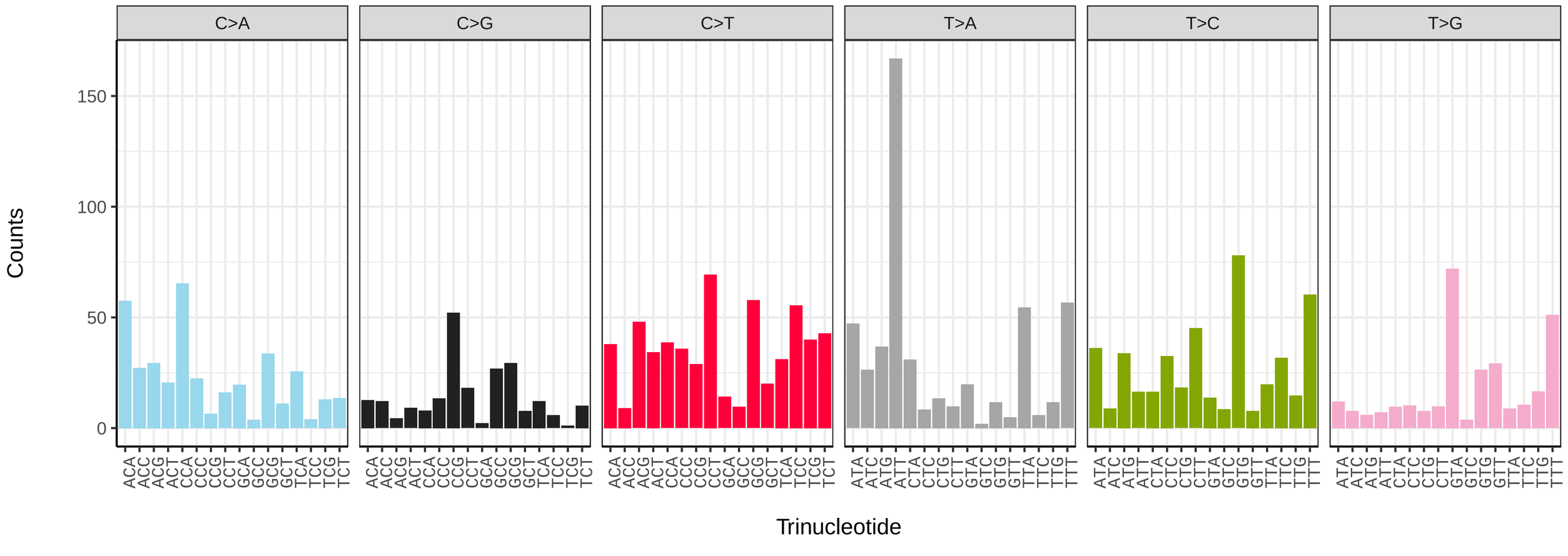
Symphodus melops (fSymMel2) somatic mutational spectrum (SBS52 classification)



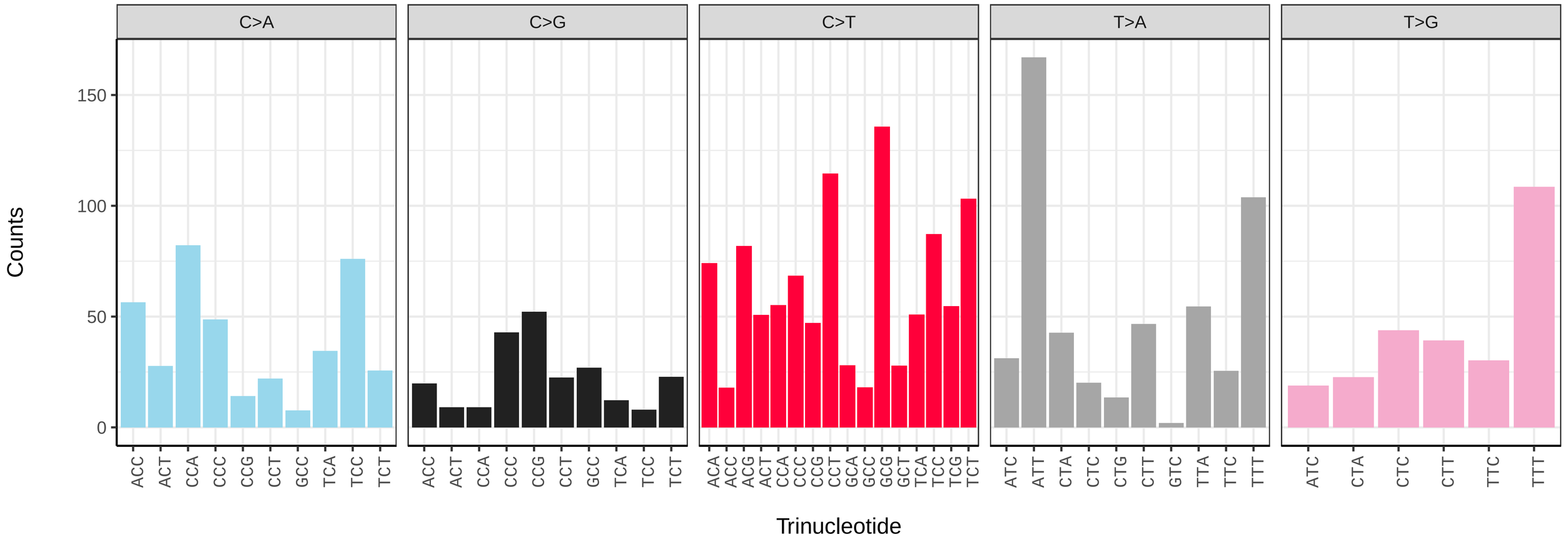
Syngnathus acus (fSynAcu2) germline mutational spectrum



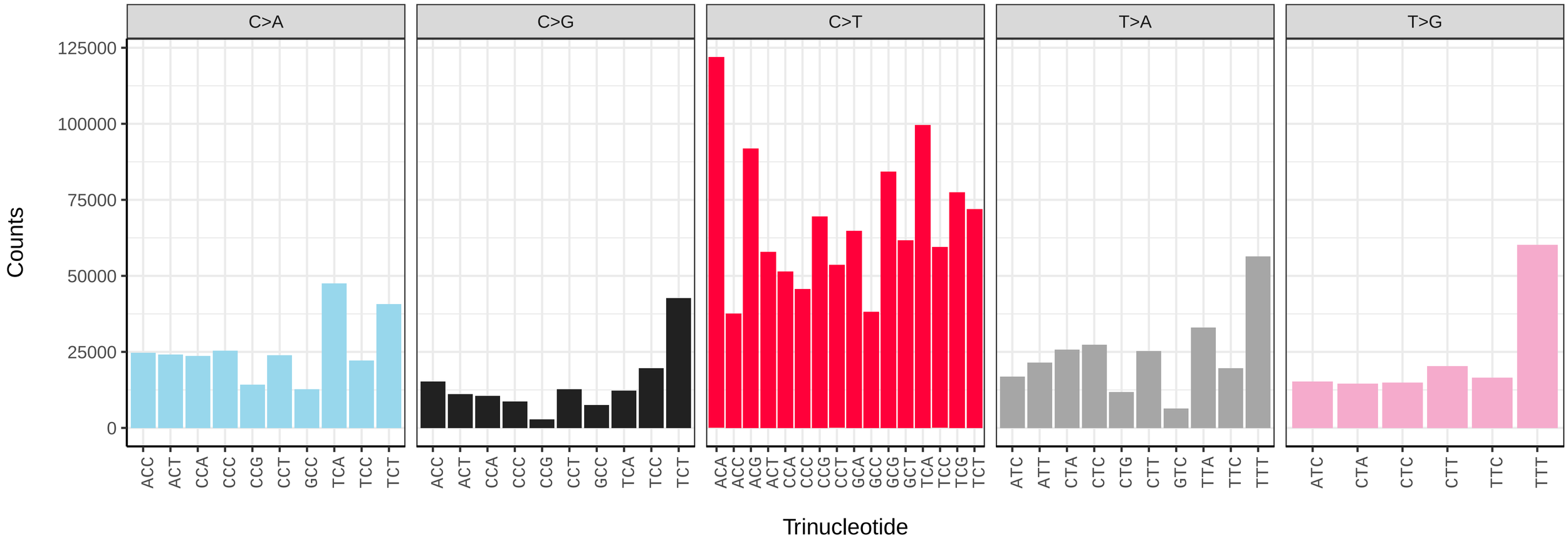
Syngnathus acus (fSynAcu2) somatic mutational spectrum (SBS96 classification)



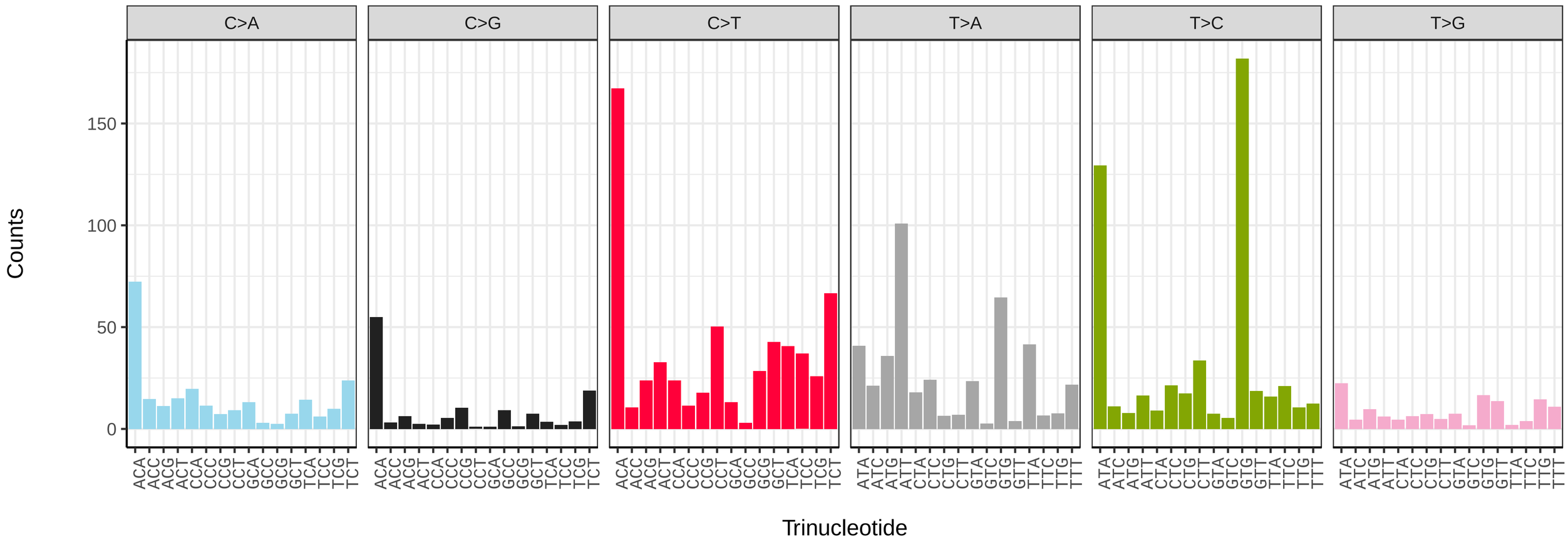
Syngnathus acus (fSynAcu2) somatic mutational spectrum (SBS52 classification)



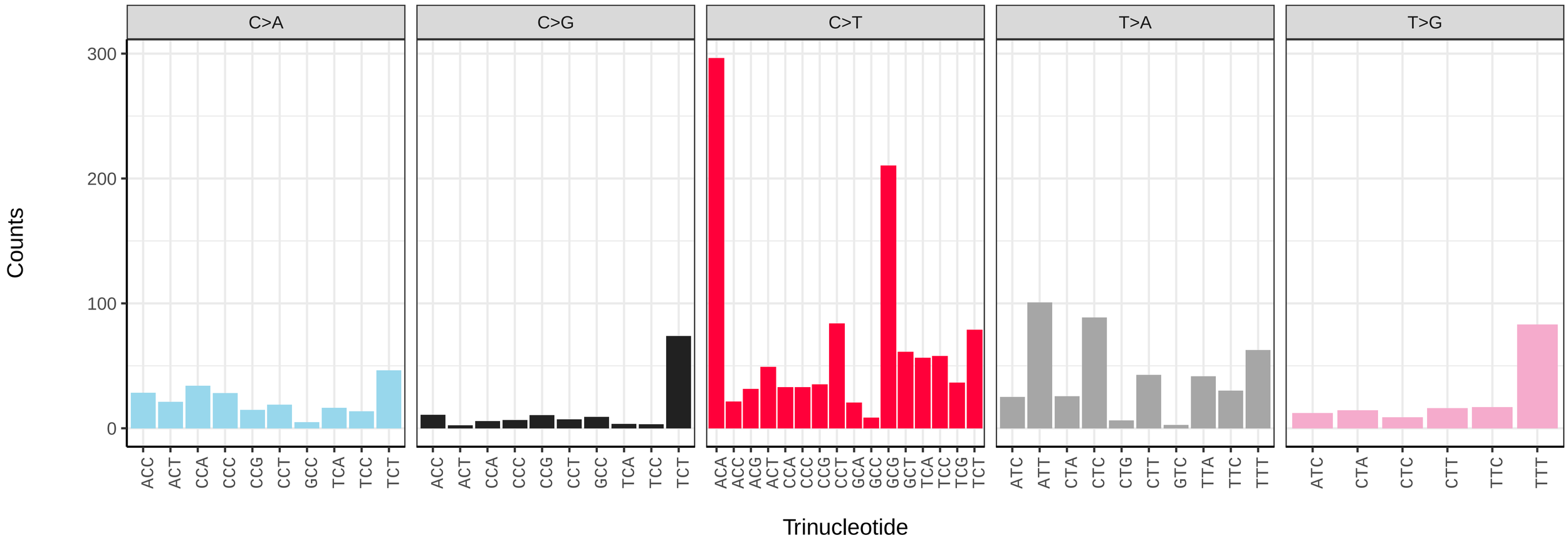
Taurulus bubalis (fTauBub2) germline mutational spectrum



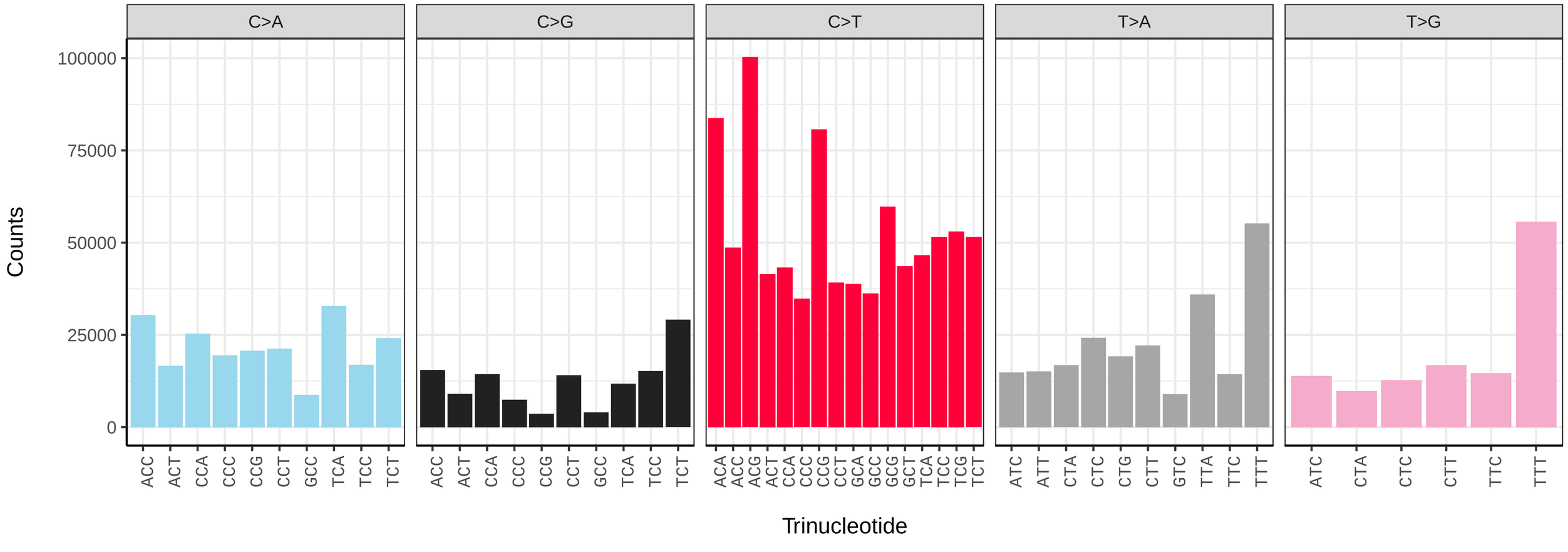
Taurulus bubalis (fTauBub2) somatic mutational spectrum (SBS96 classification)



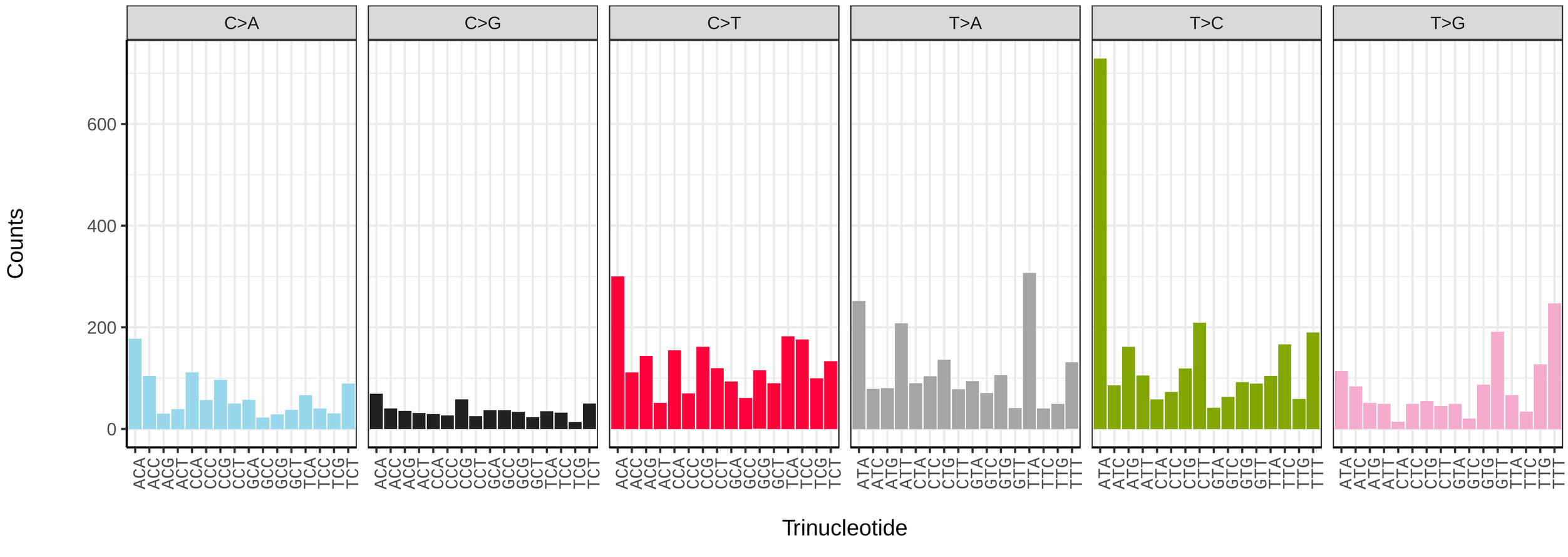
Taurulus bubalis (fTauBub2) somatic mutational spectrum (SBS52 classification)



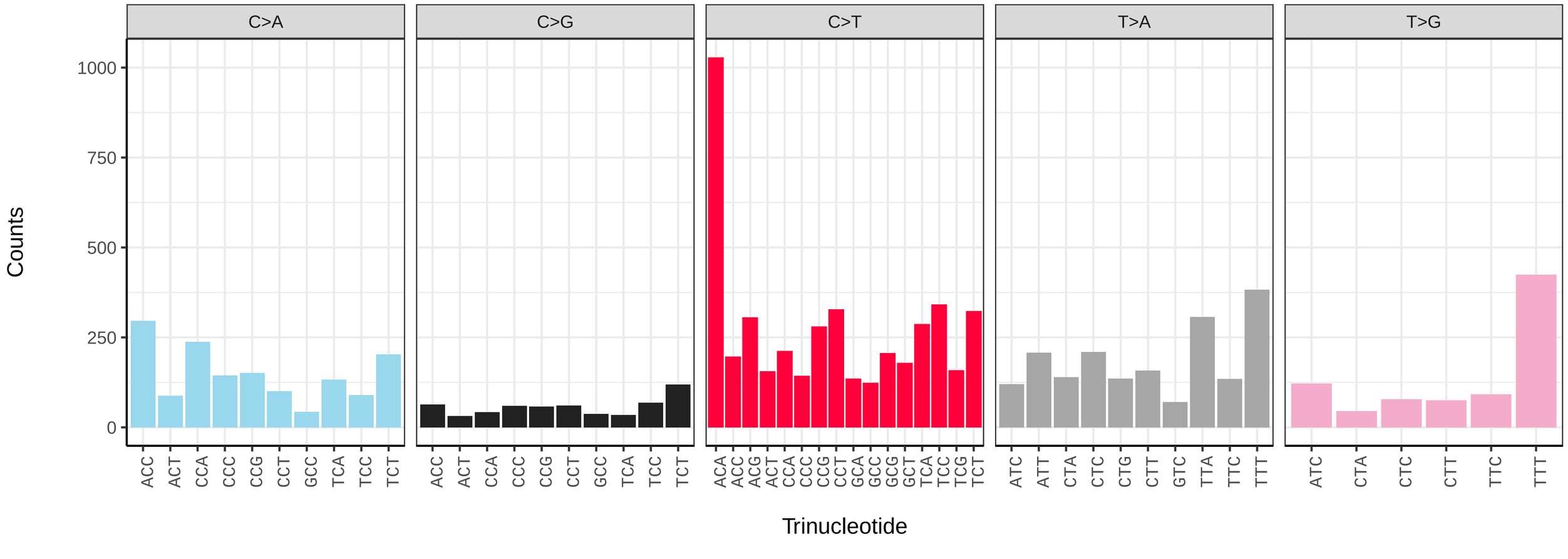
Telmatherina bonti (fTelBon1) germline mutational spectrum



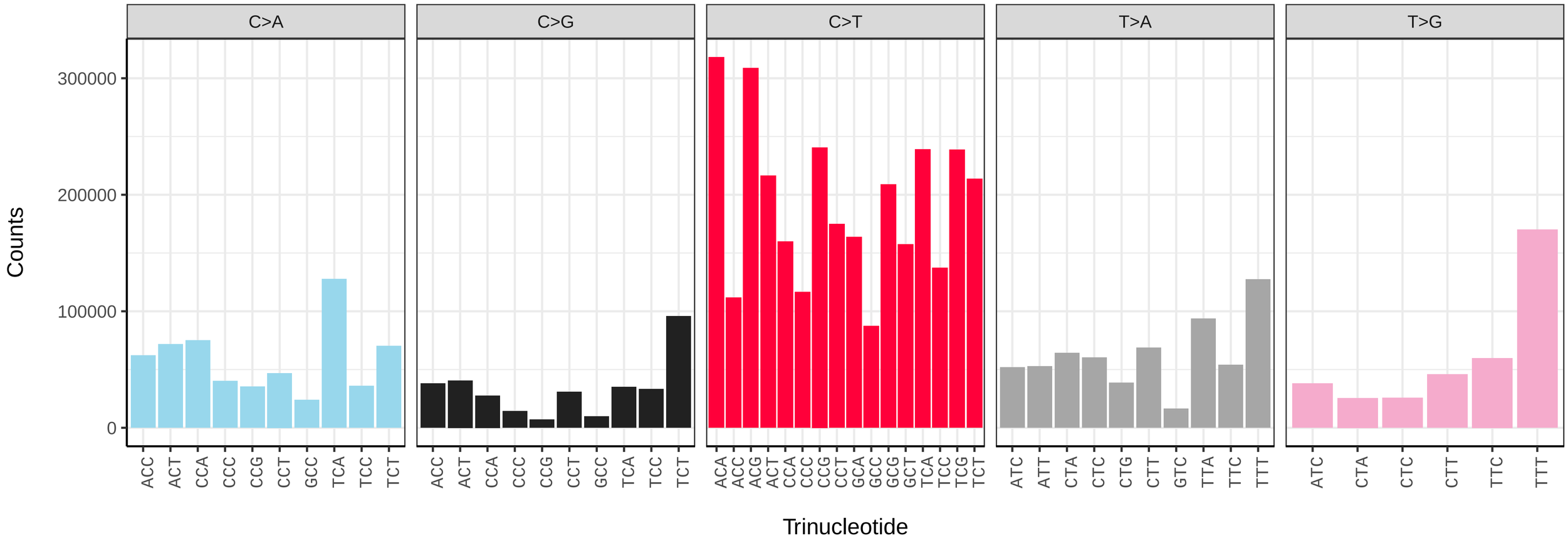
Telmatherina bonti (fTelBon1) somatic mutational spectrum (SBS96 classification)



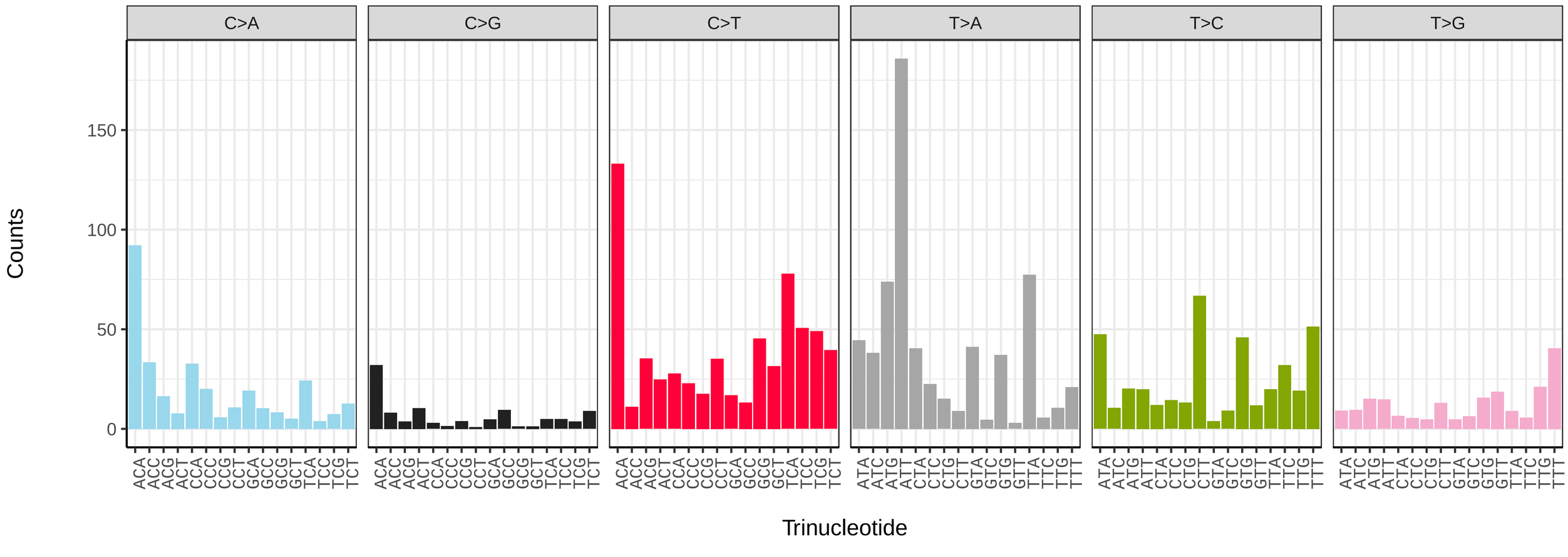
Telmatherina bonti (fTelBon1) somatic mutational spectrum (SBS52 classification)



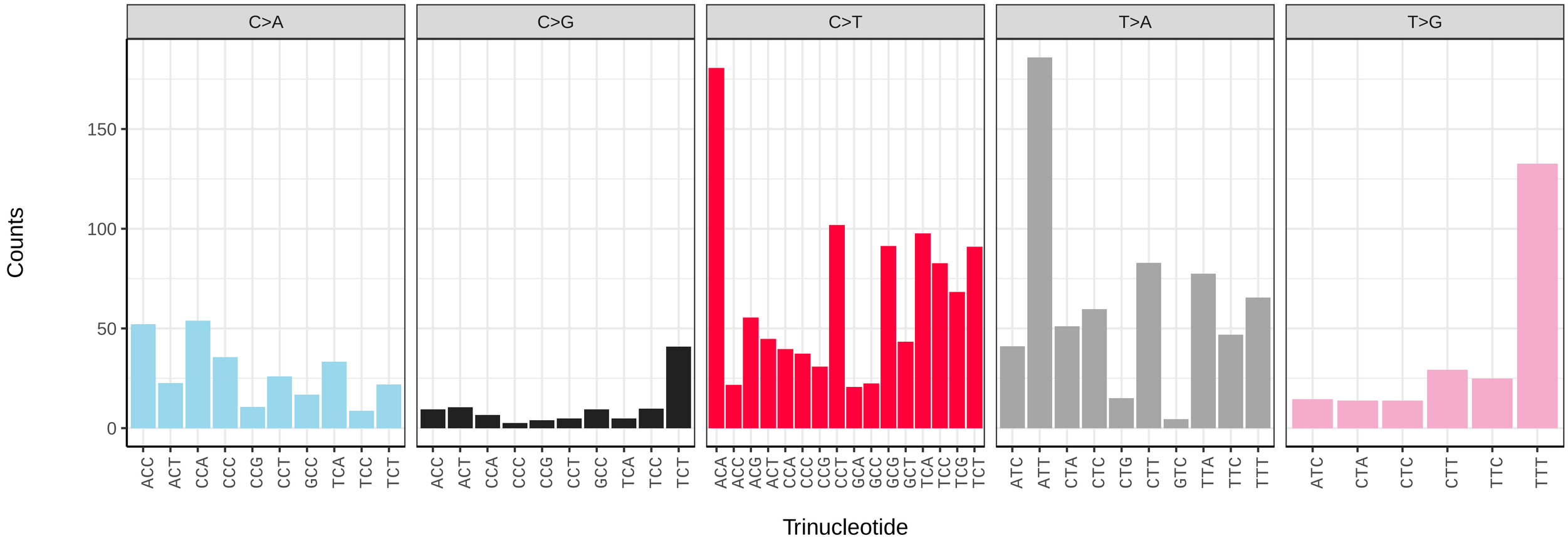
Thunnus maccoyii (fThuMac1) germline mutational spectrum



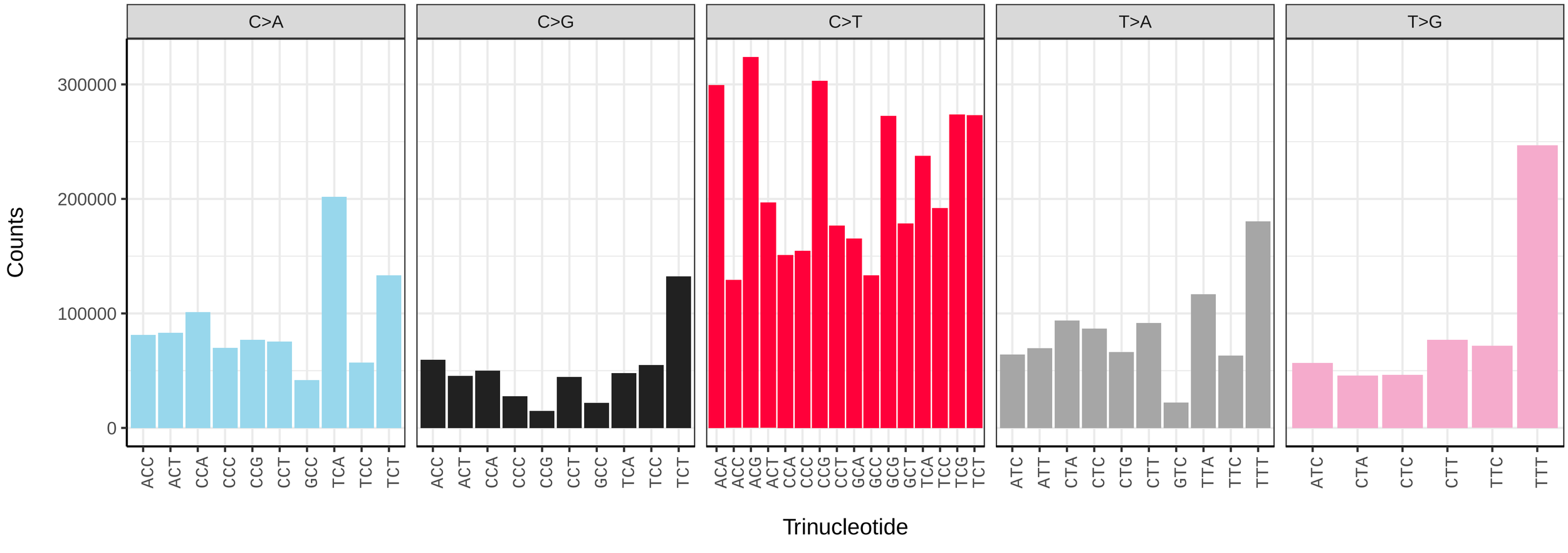
Thunnus maccoyii (fThuMac1) somatic mutational spectrum (SBS96 classification)



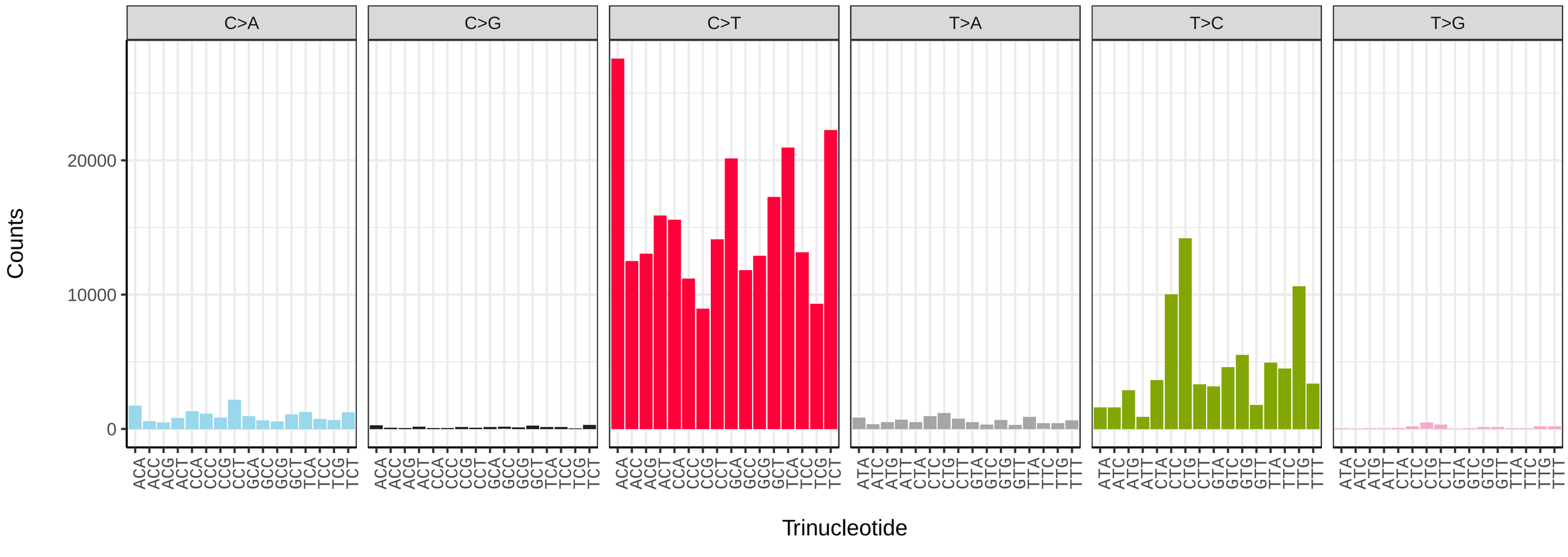
Thunnus maccoyii (fThuMac1) somatic mutational spectrum (SBS52 classification)



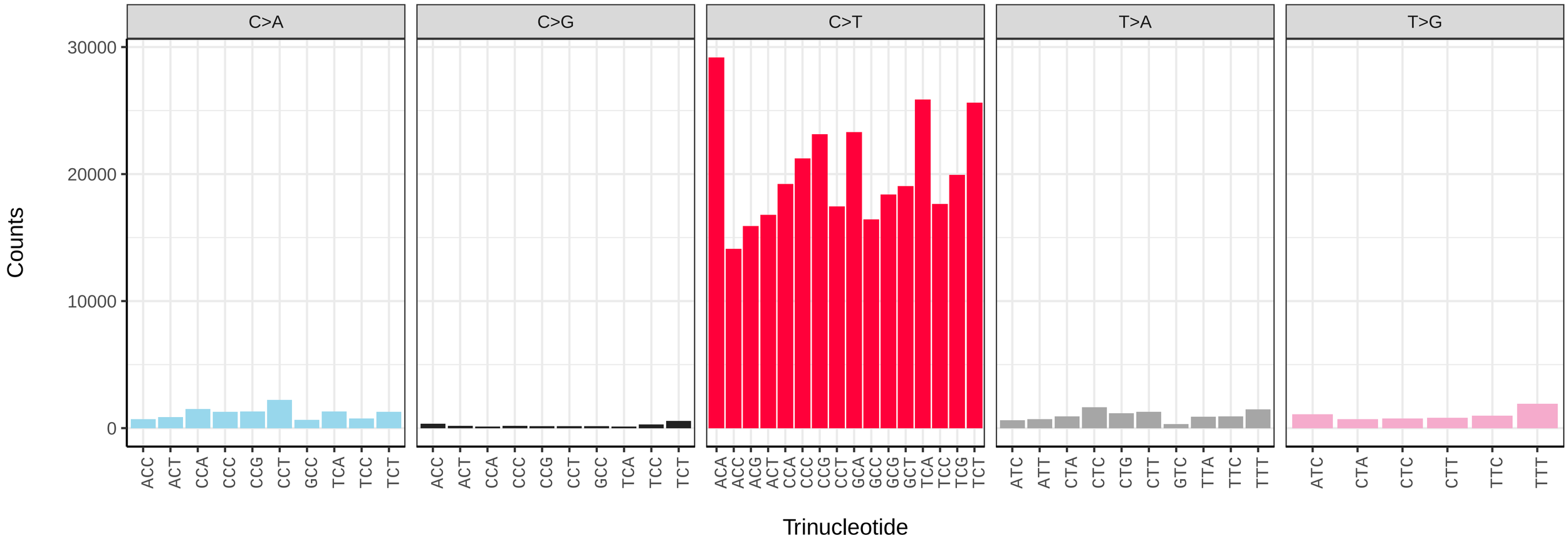
Trachurus trachurus (fTraTra1) germline mutational spectrum



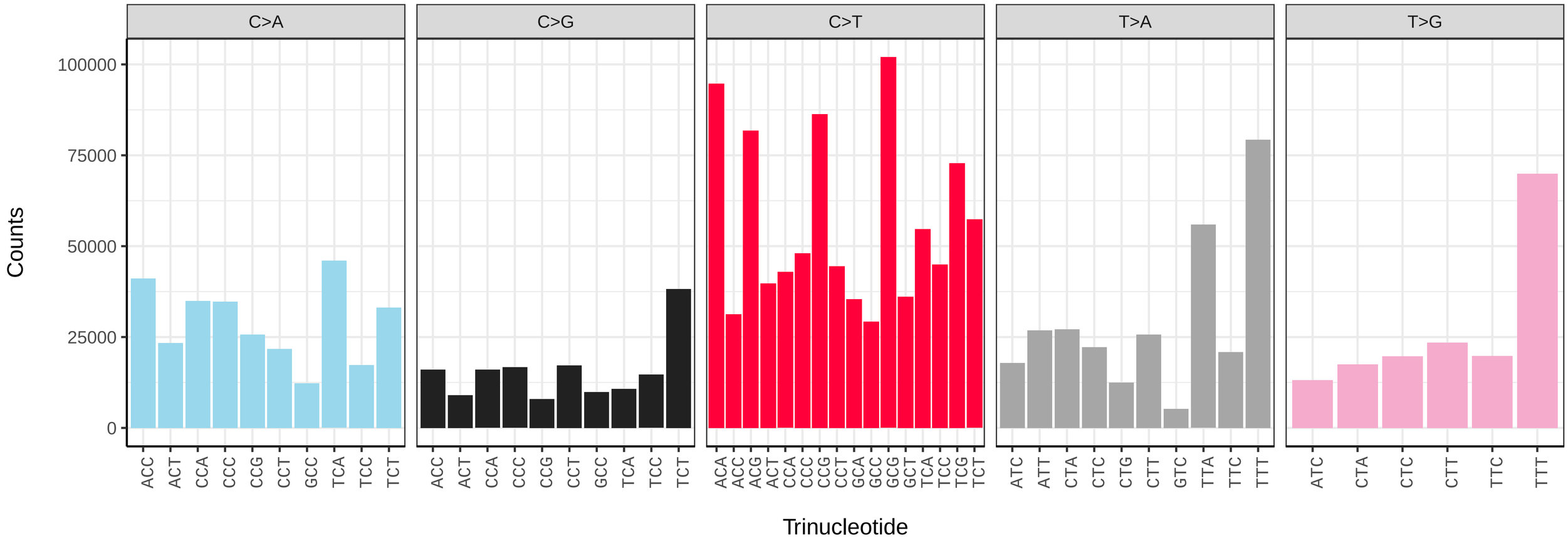
Trachurus trachurus (fTraTra1) somatic mutational spectrum (SBS96 classification)



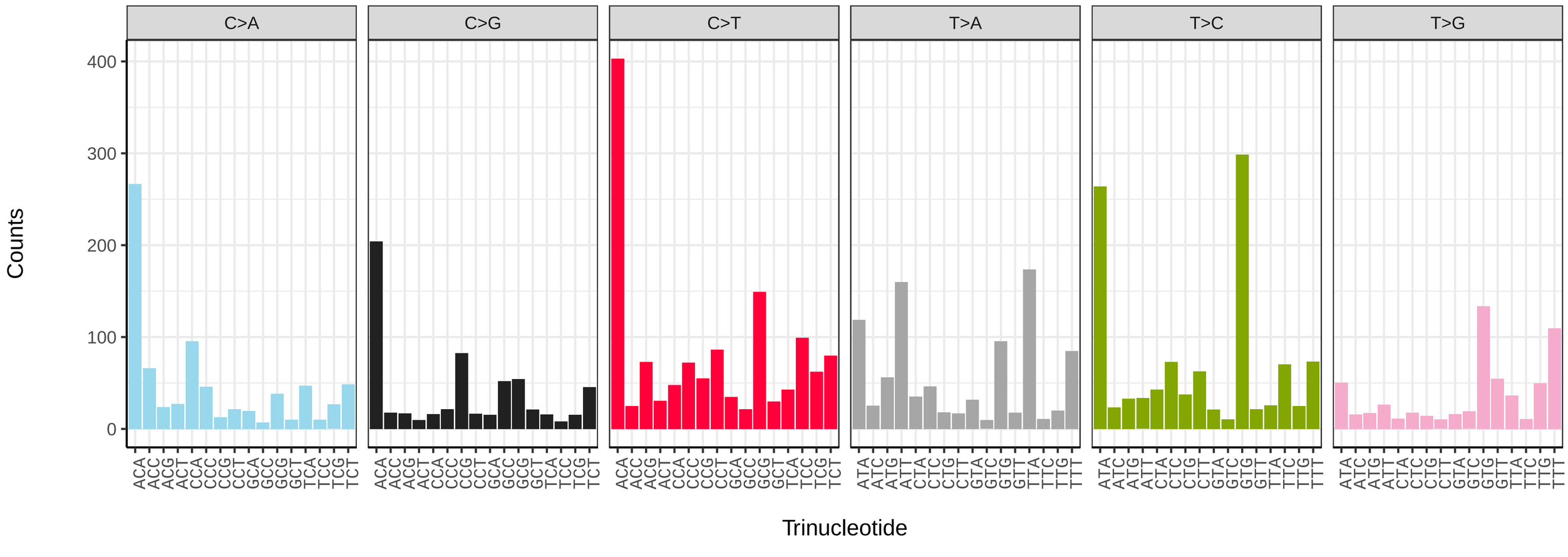
Trachurus trachurus (fTraTra1) somatic mutational spectrum (SBS52 classification)



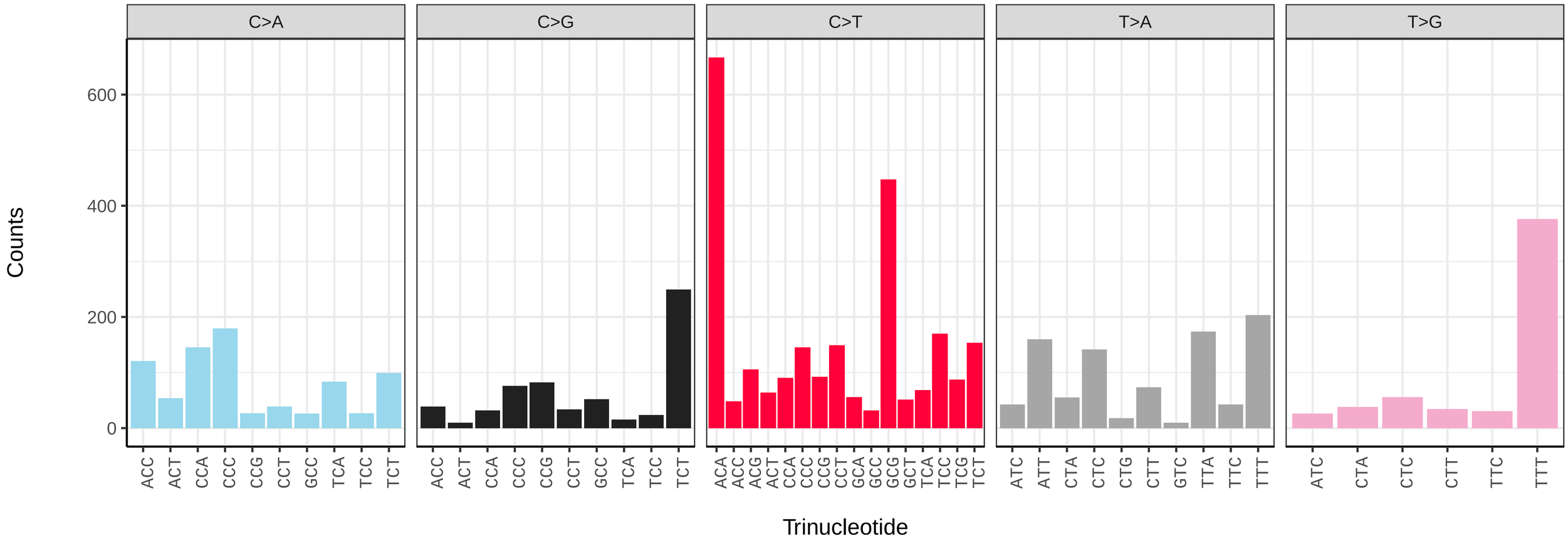
Zeus faber (fZeuFab8) germline mutational spectrum



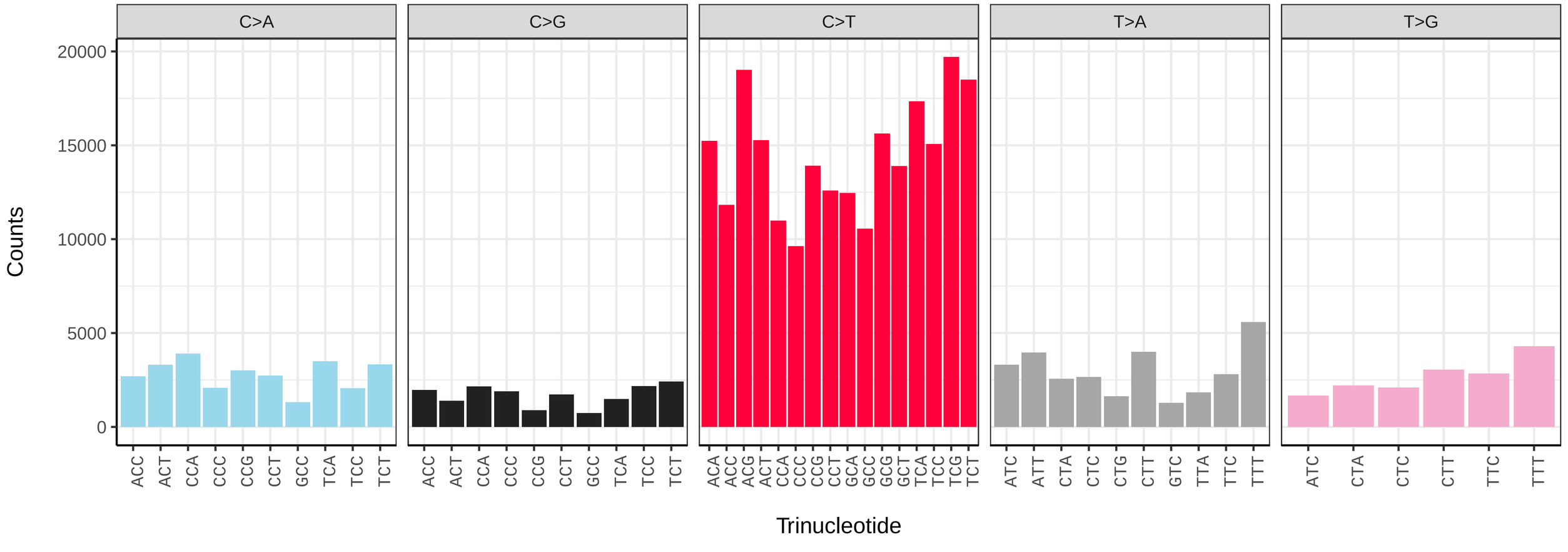
Zeus faber (fZeuFab8) somatic mutational spectrum (SBS96 classification)



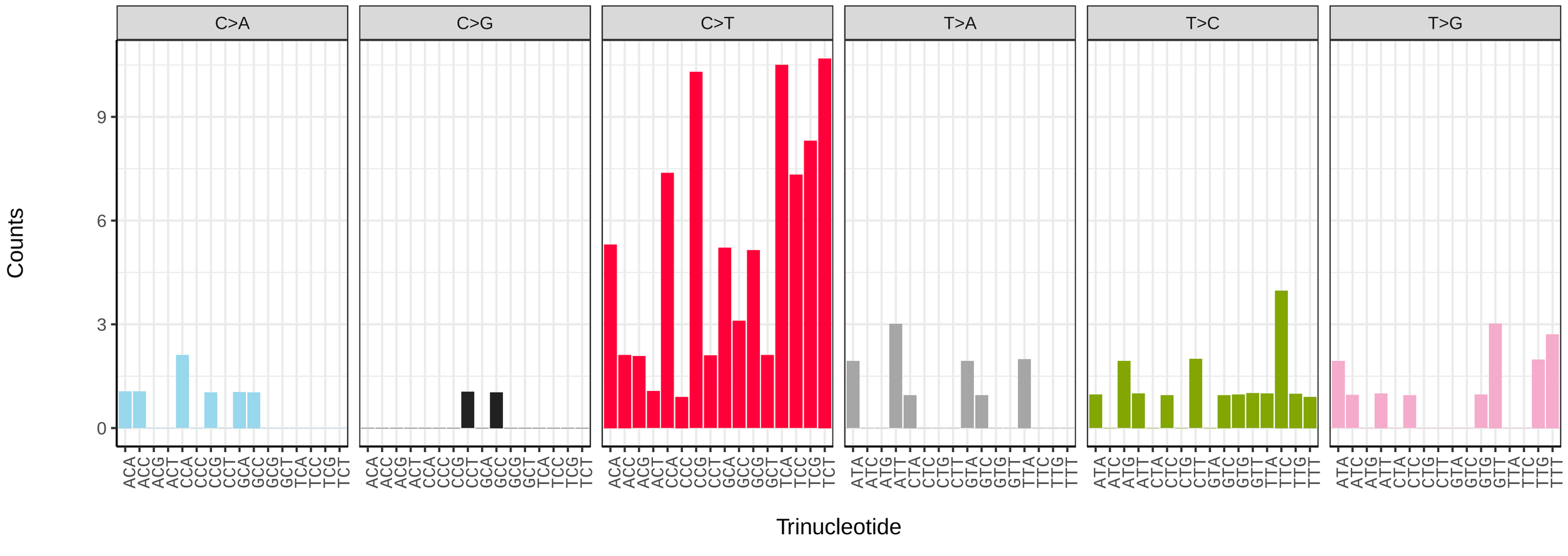
Zeus faber (fZeuFab8) somatic mutational spectrum (SBS52 classification)



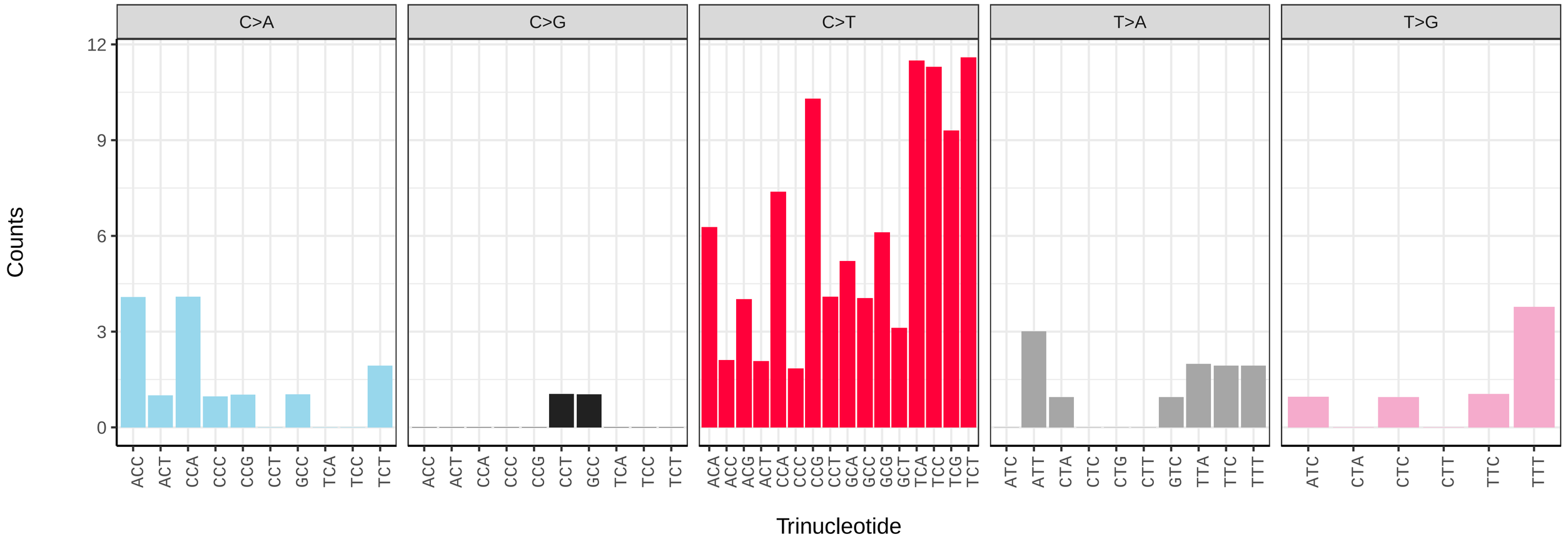
Agaricus bisporus (gfAgaBisp1) germline mutational spectrum



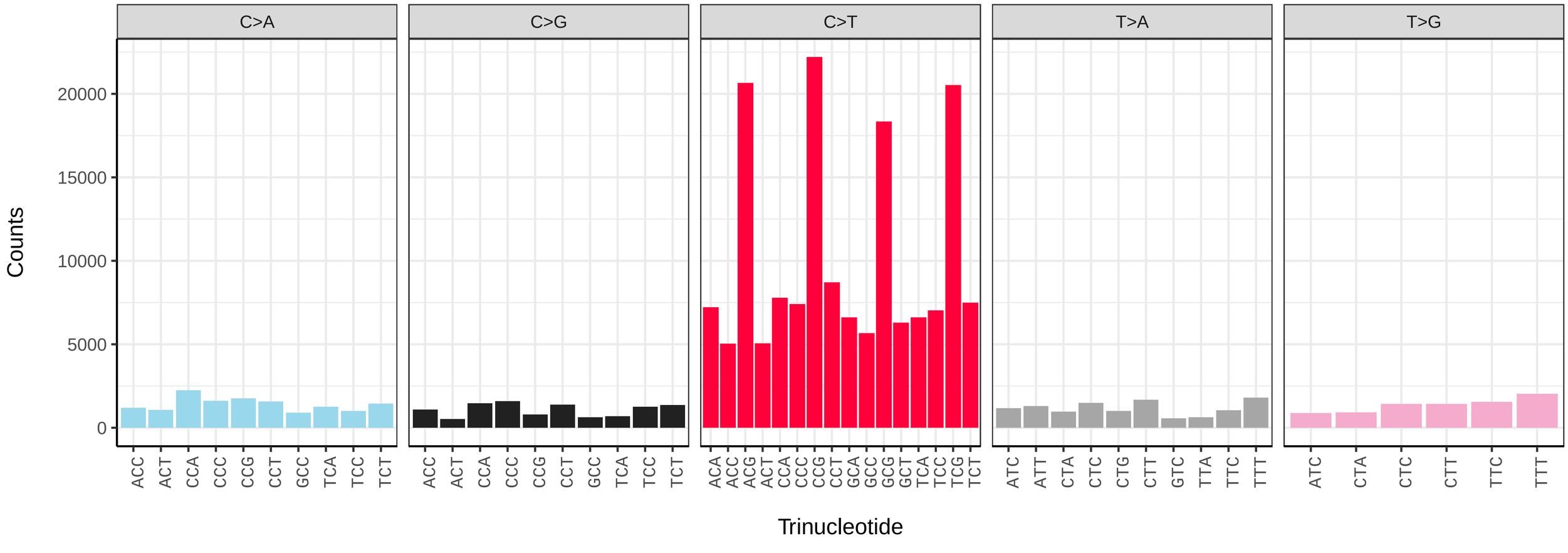
Agaricus bisporus (gfAgaBisp1) somatic mutational spectrum (SBS96 classification)



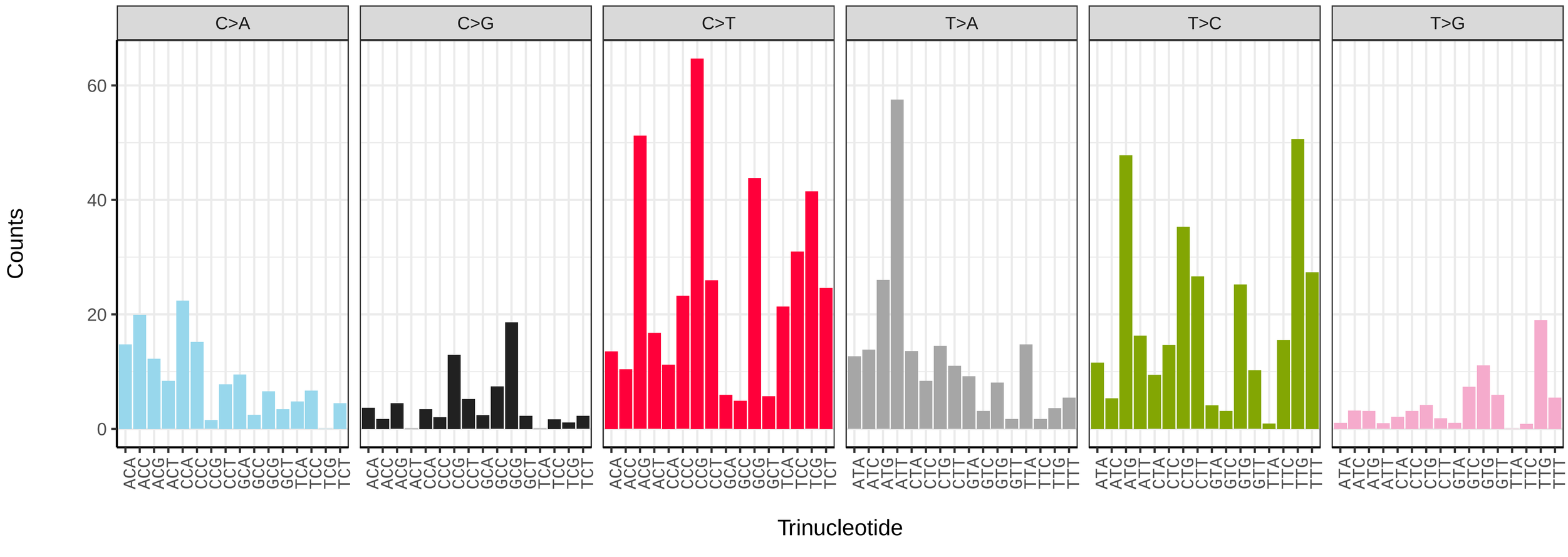
Agaricus bisporus (gfAgaBisp1) somatic mutational spectrum (SBS52 classification)



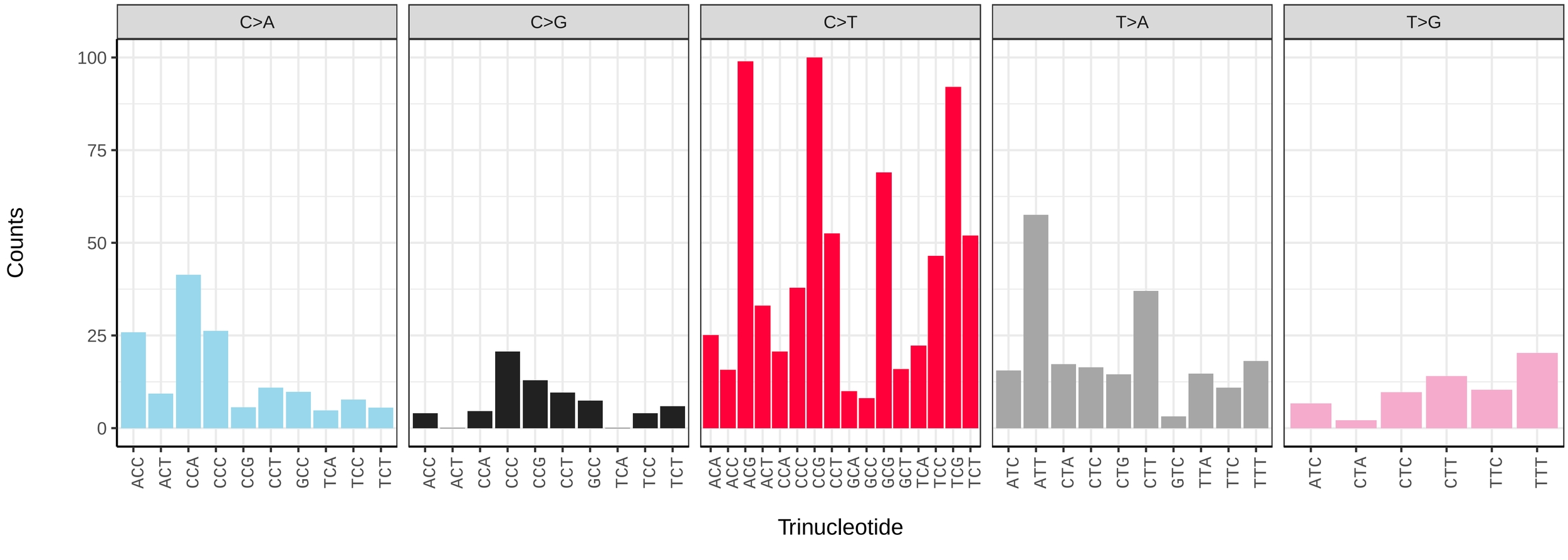
Clavaria fumosa (gfClaFumo1) germline mutational spectrum



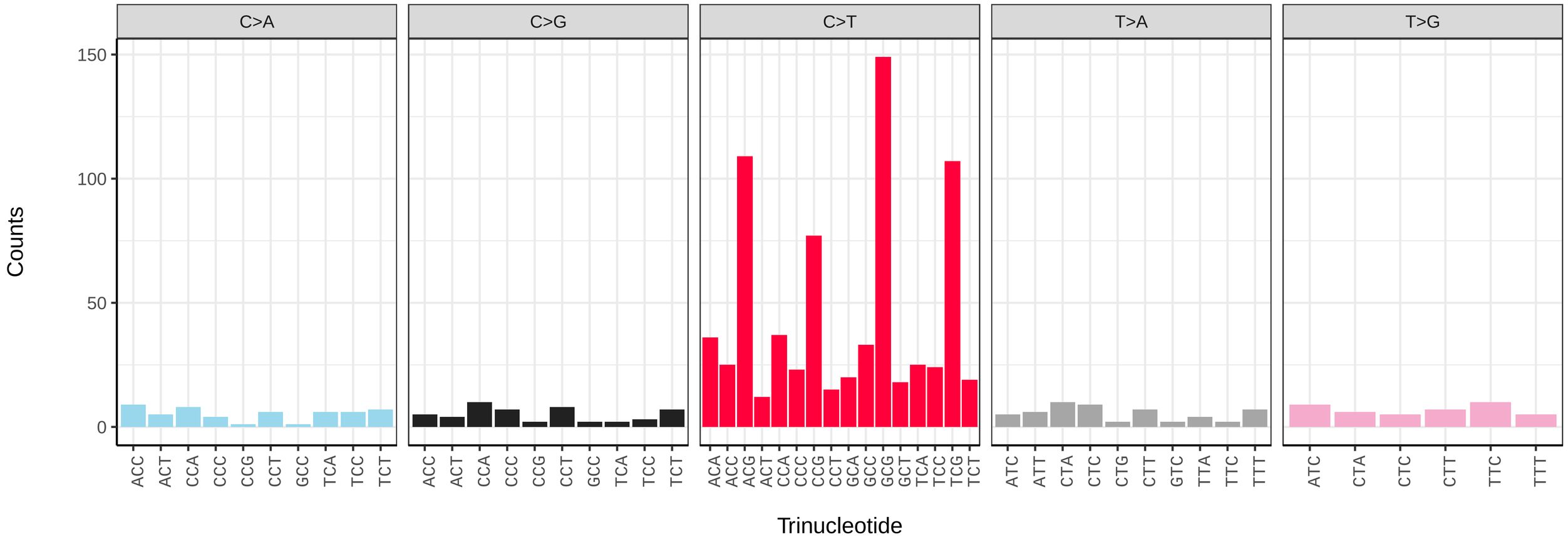
Clavaria fumosa (gfClaFumo1) somatic mutational spectrum (SBS96 classification)



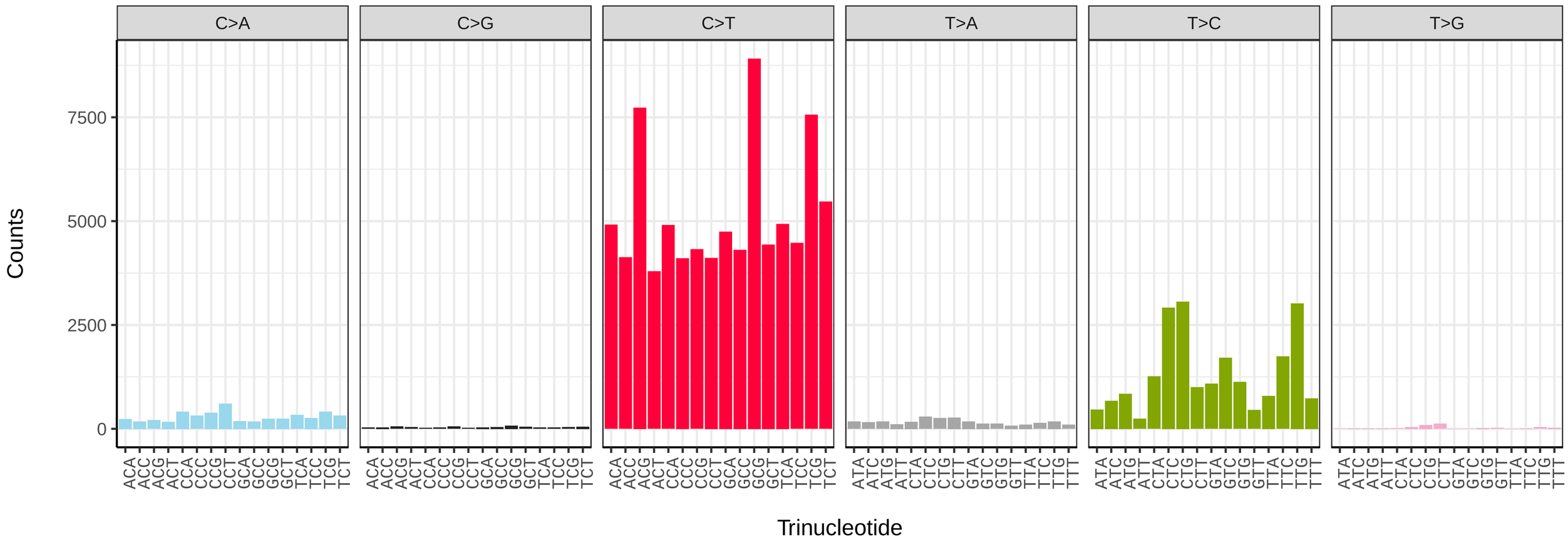
Clavaria fumosa (gfClaFumo1) somatic mutational spectrum (SBS52 classification)



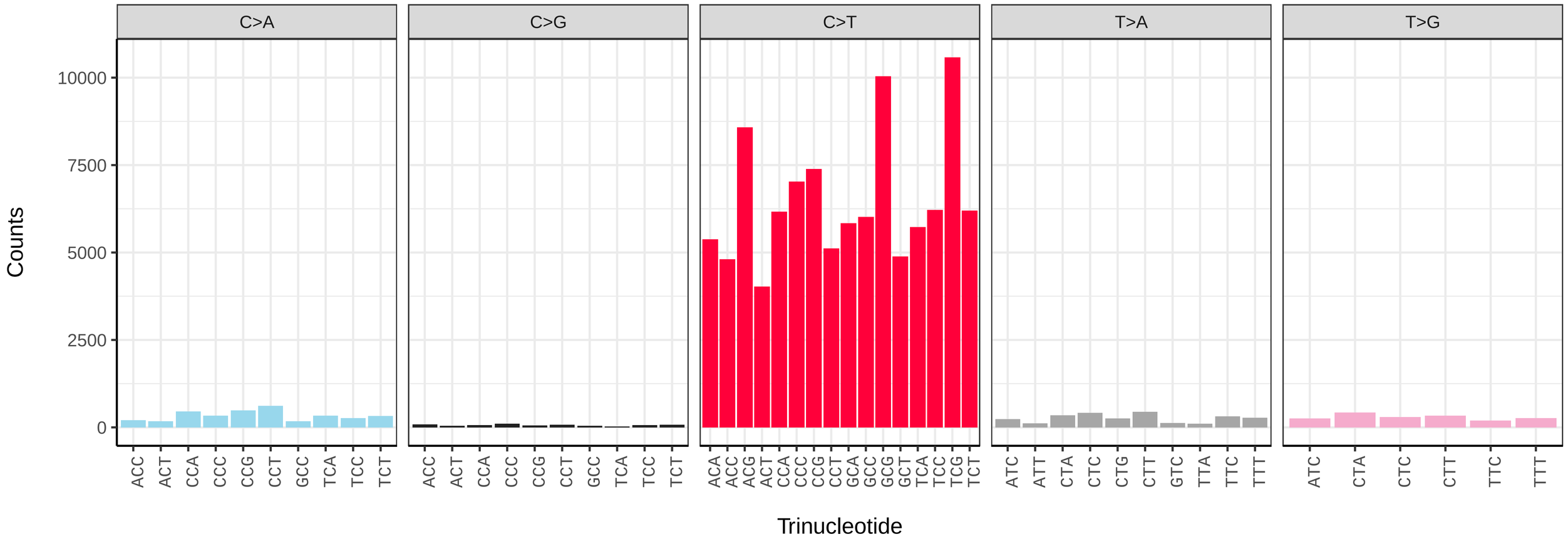
Flammulina velutipes (gfFlaVelt1) germline mutational spectrum



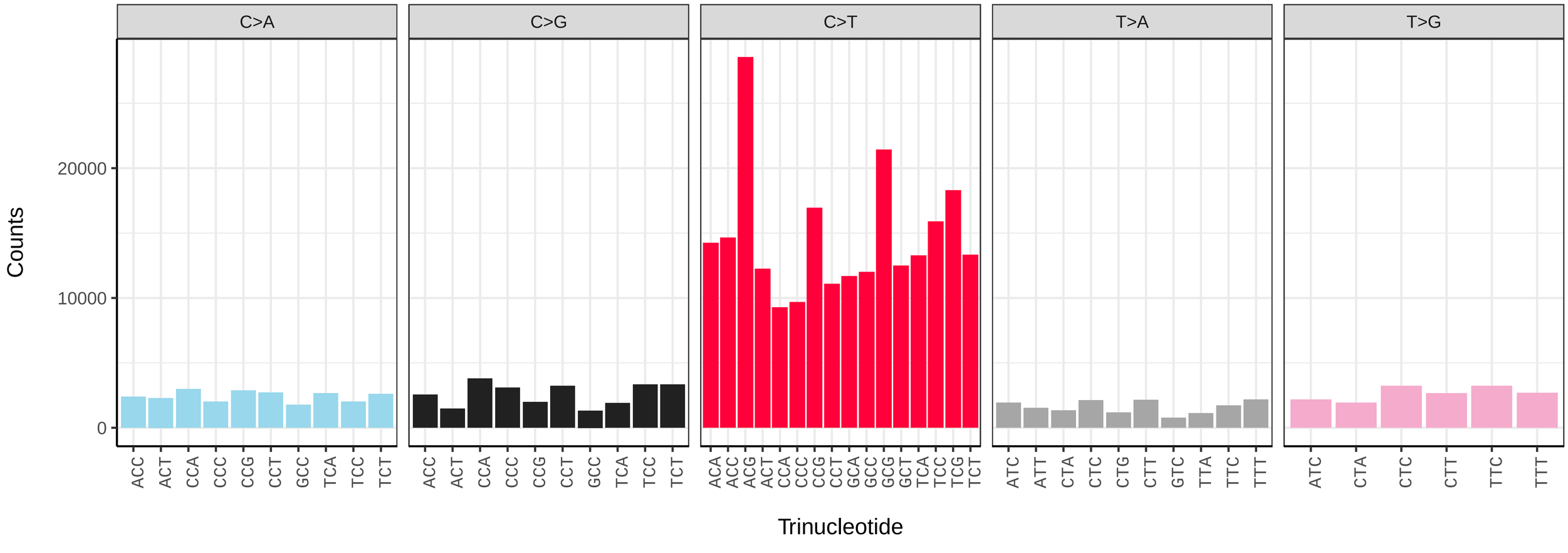
Flammulina velutipes (gfFlaVelt1) somatic mutational spectrum (SBS96 classification)



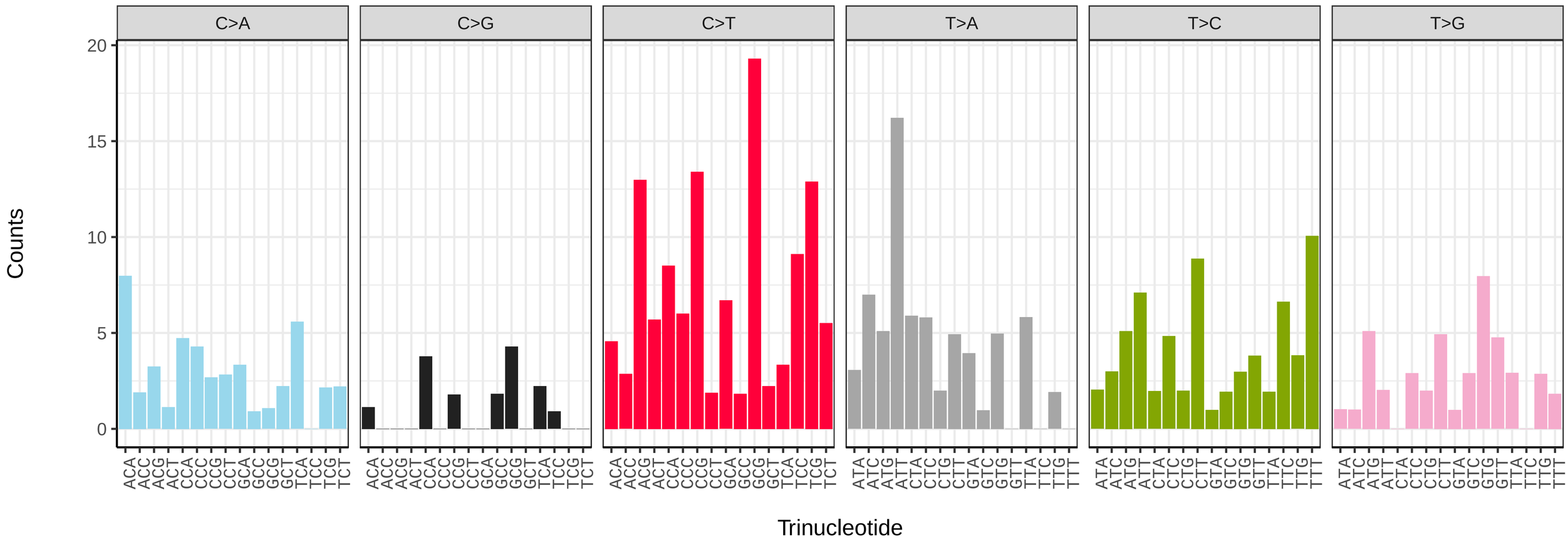
Flammulina velutipes (gfFlaVelt1) somatic mutational spectrum (SBS52 classification)



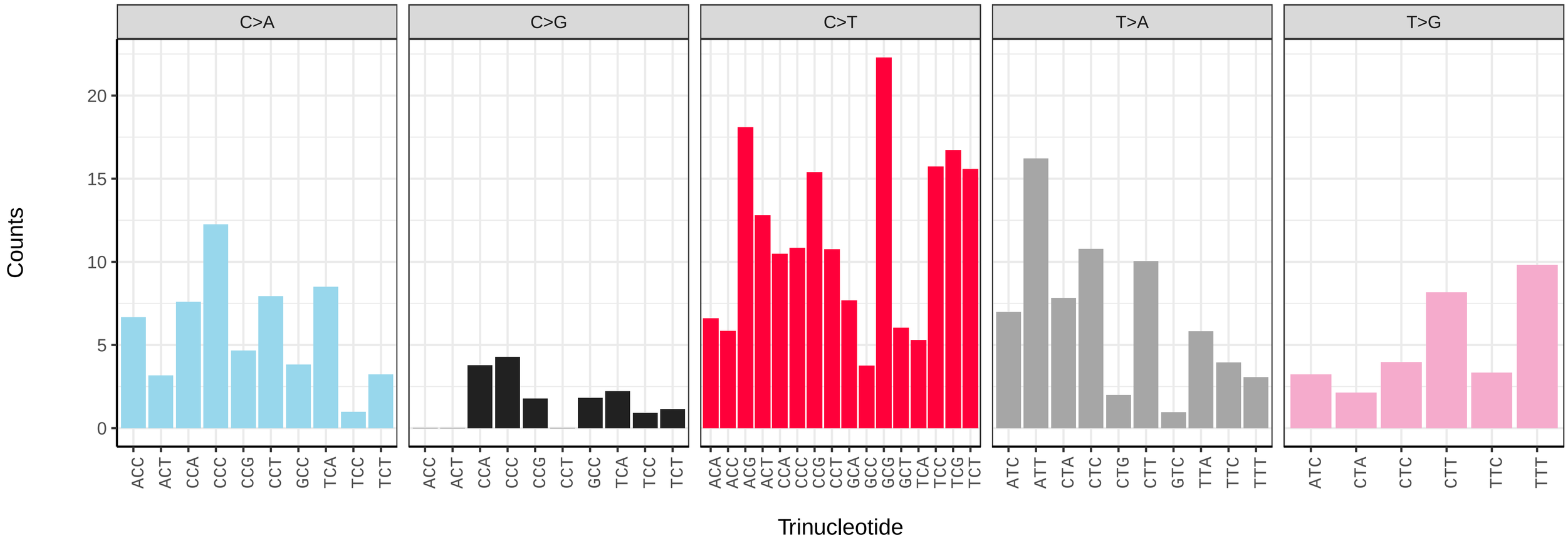
Laetiporus sulphureus (gfLaeSulp1) germline mutational spectrum



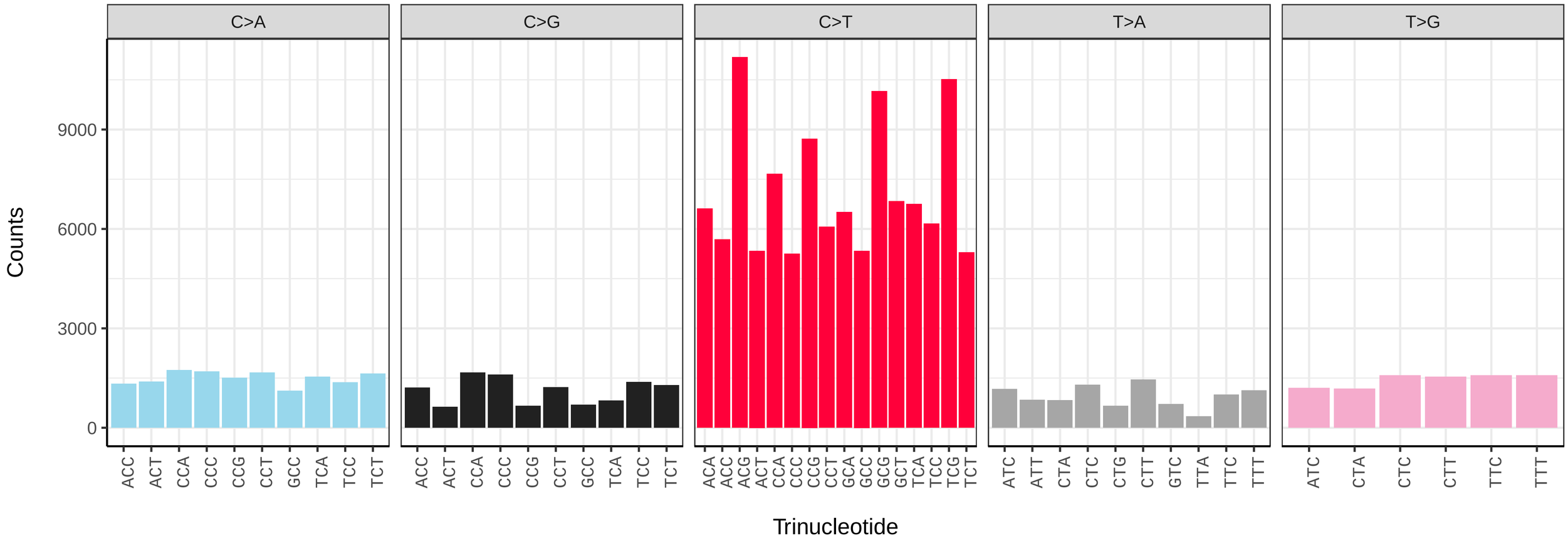
Laetiporus sulphureus (gfLaeSulp1) somatic mutational spectrum (SBS96 classification)



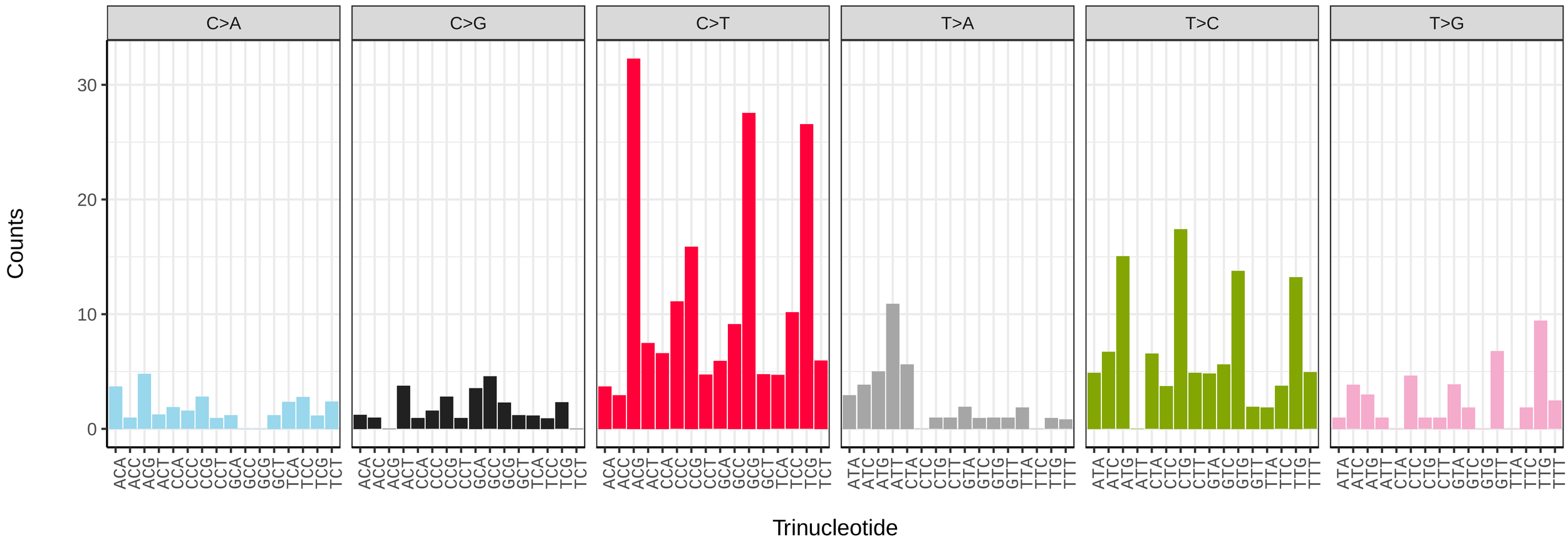
Laetiporus sulphureus (gfLaeSulp1) somatic mutational spectrum (SBS52 classification)



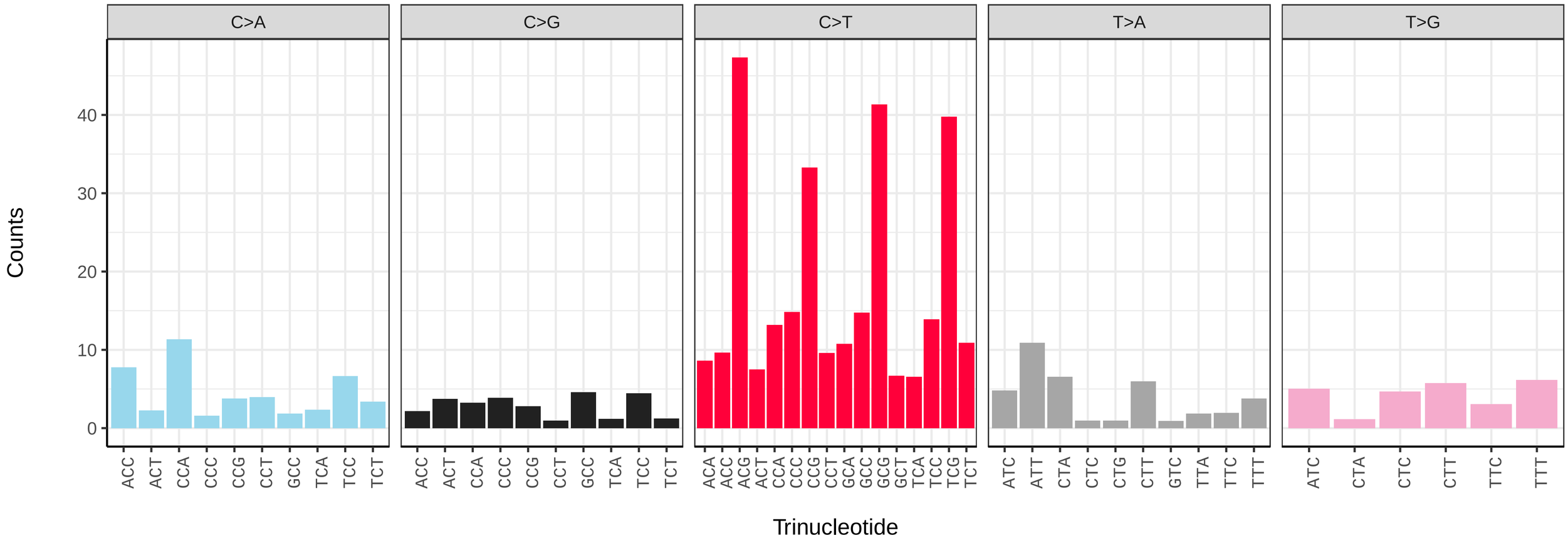
Pleurotus ostreatus (gfPleOstr1) germline mutational spectrum



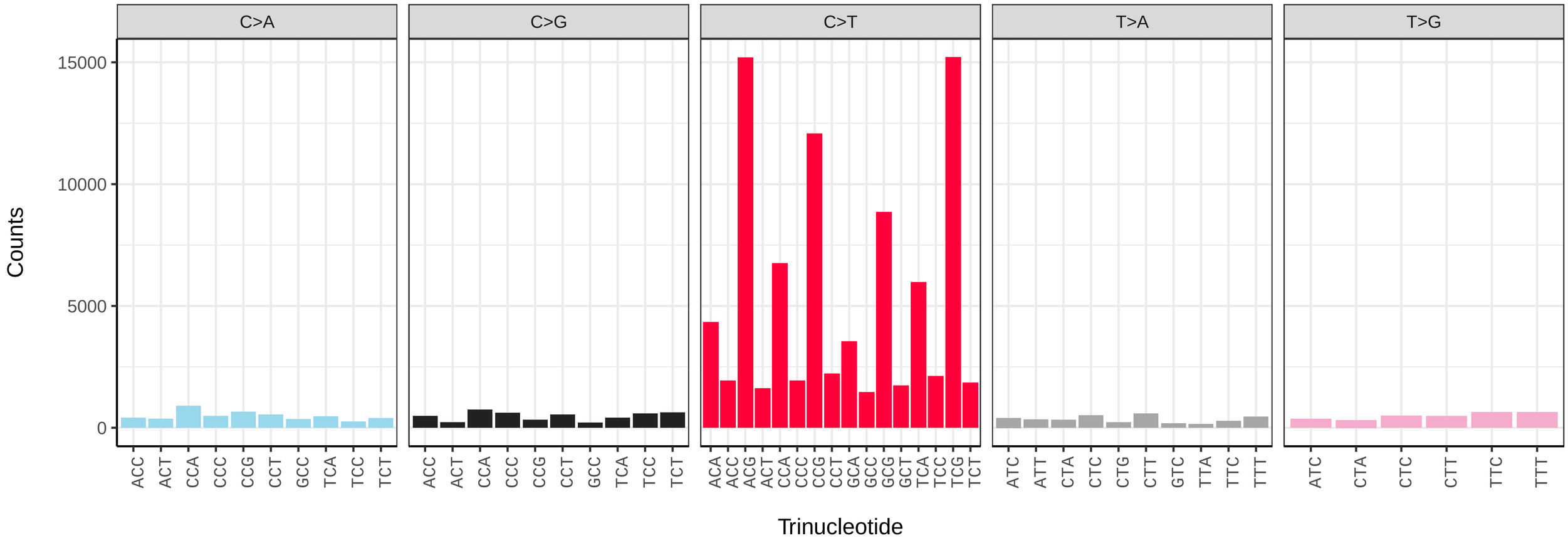
Pleurotus ostreatus (gfPleOstr1) somatic mutational spectrum (SBS96 classification)



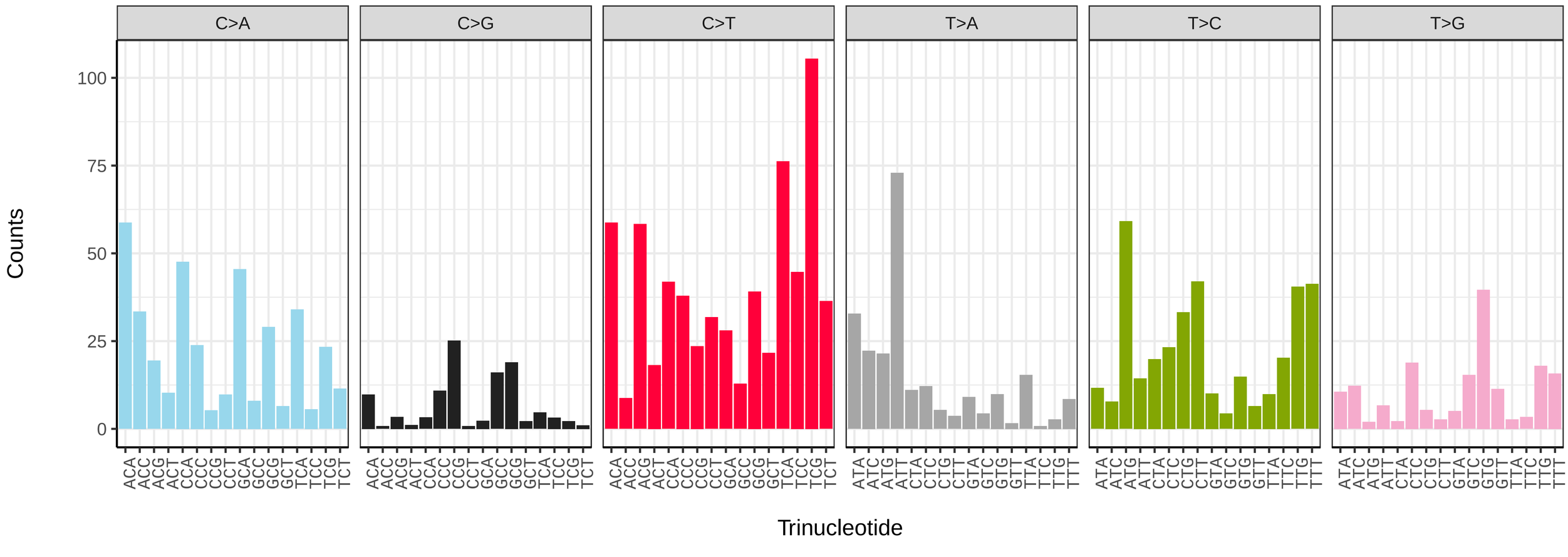
Pleurotus ostreatus (gfPleOstr1) somatic mutational spectrum (SBS52 classification)



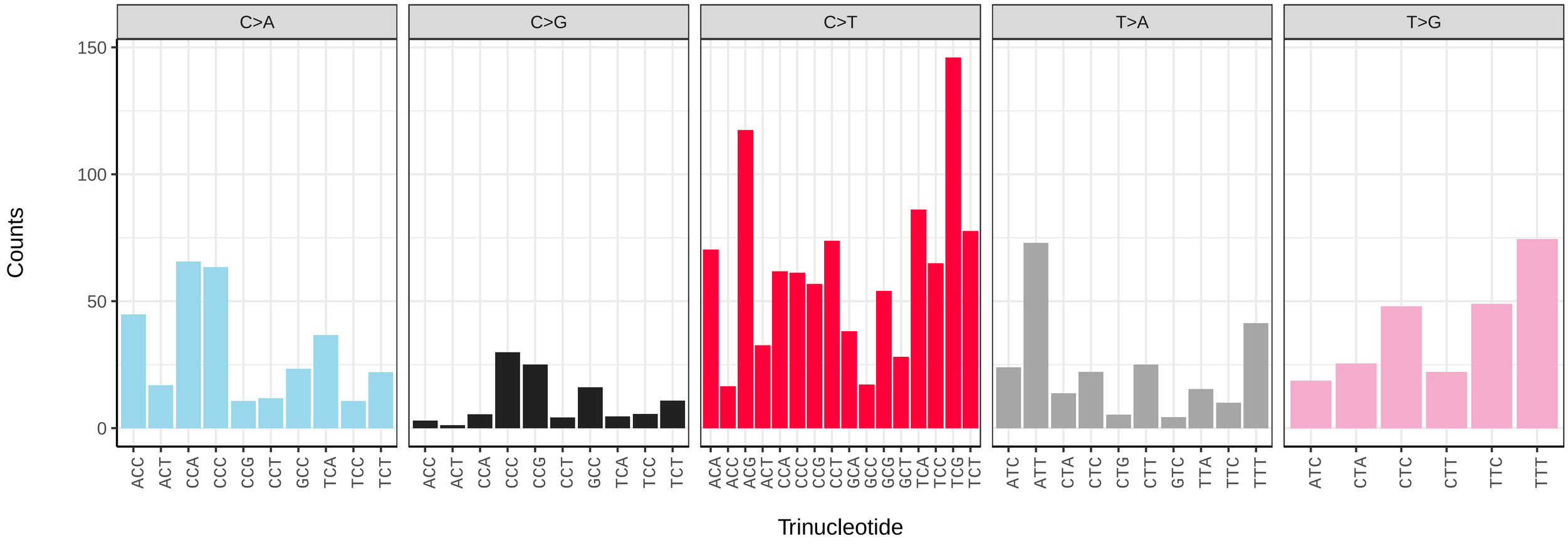
Porpolomopsis calyptriformis (gfPorCaly1) germline mutational spectrum



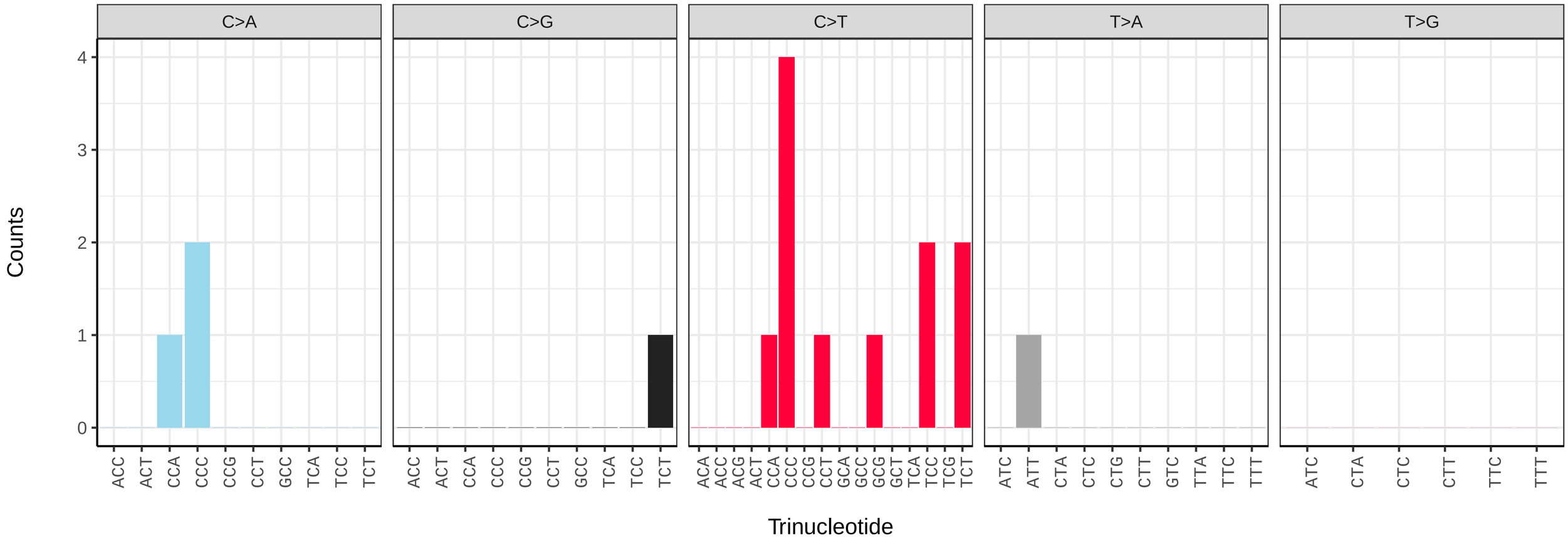
Porpolomopsis calyptriformis (gfPorCaly1) somatic mutational spectrum (SBS96 classification)



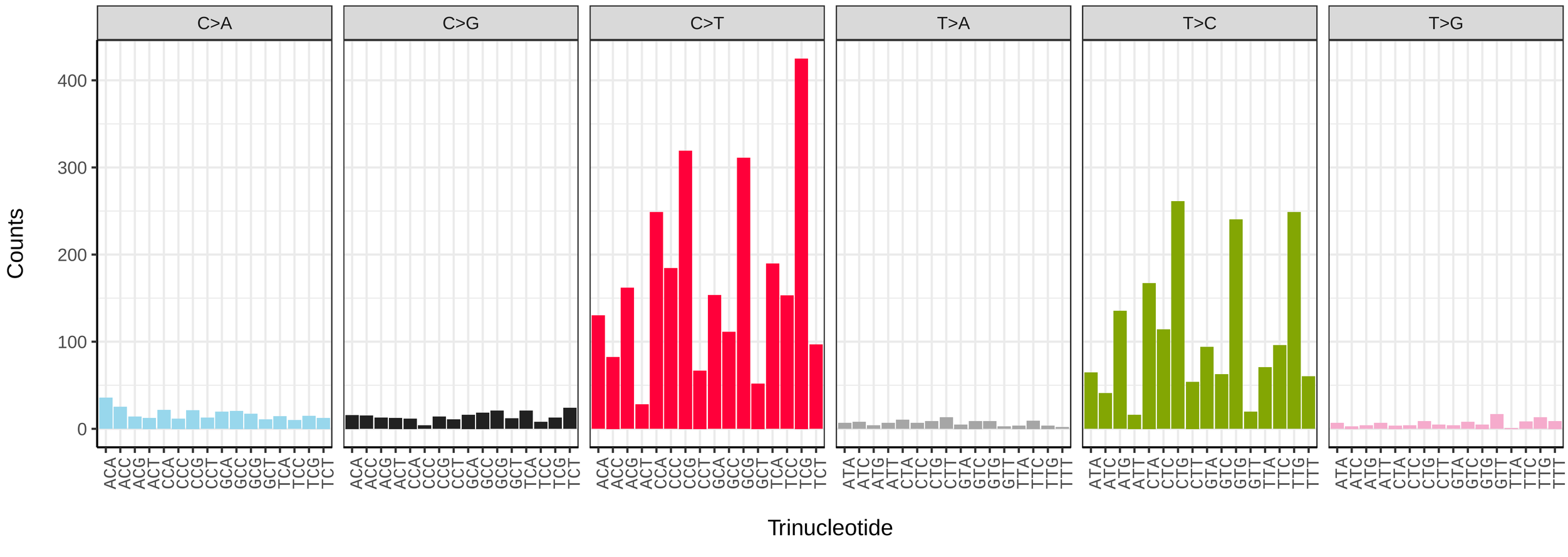
Porpolomopsis calyptriformis (gfPorCaly1) somatic mutational spectrum (SBS52 classification)



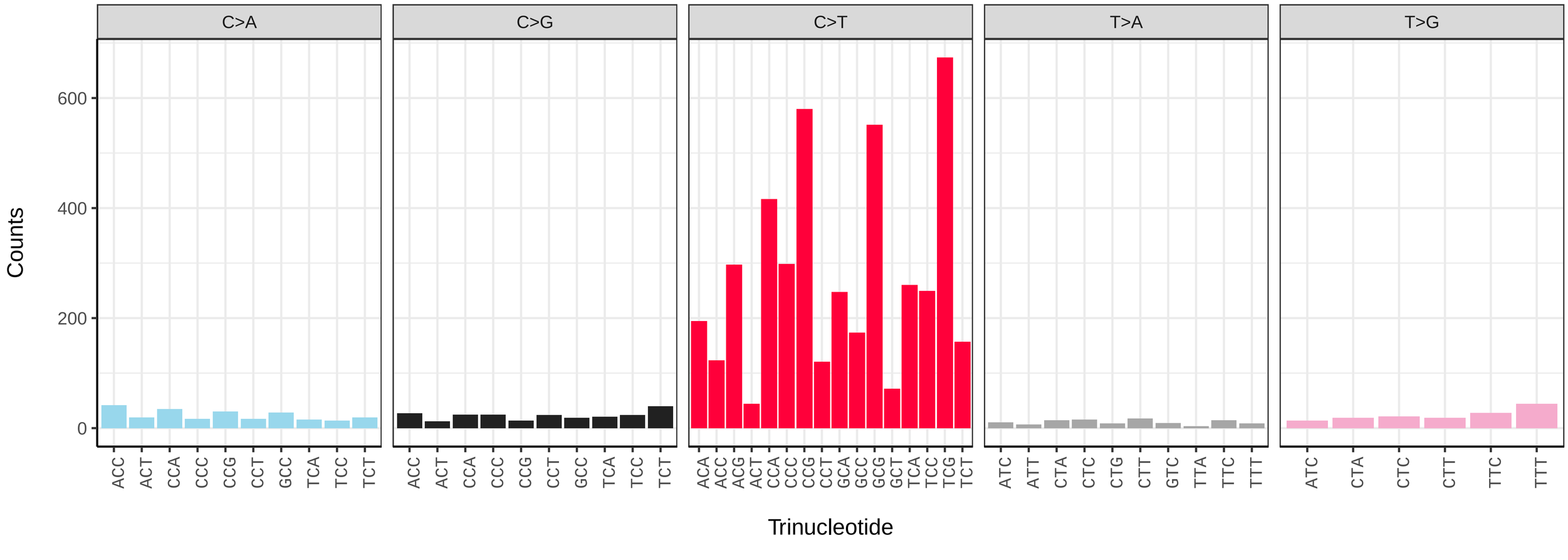
Lichina pygmaea (glLicPygm2) germline mutational spectrum



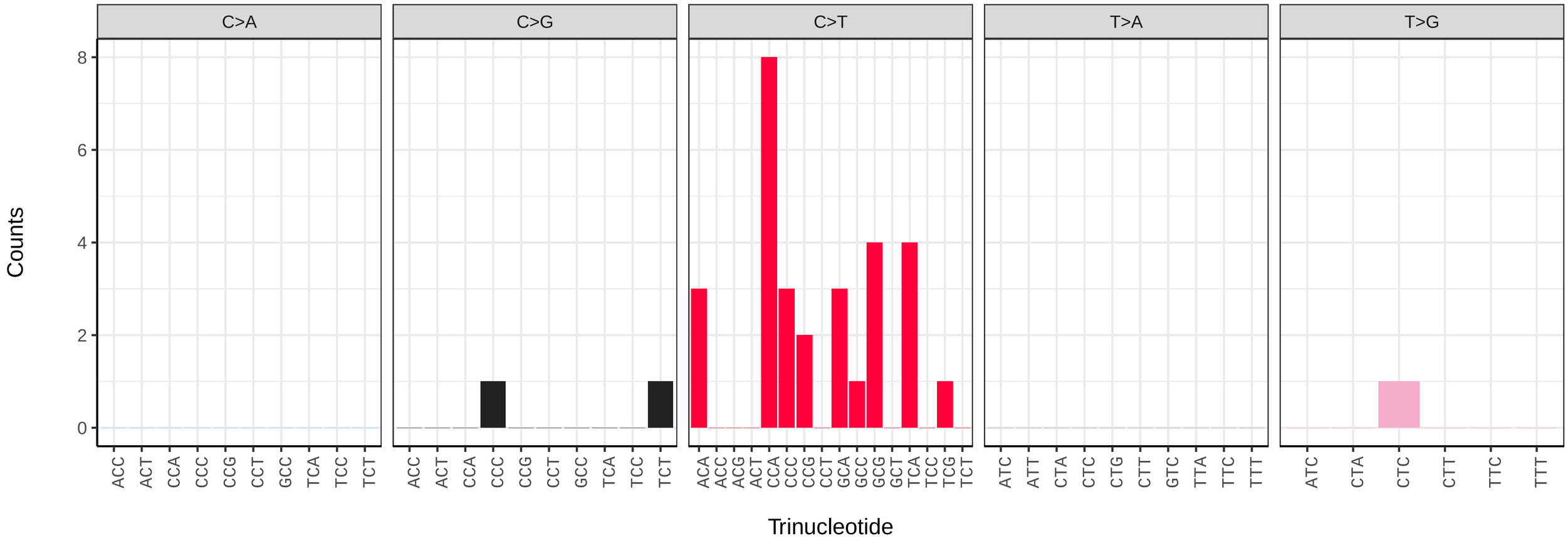
Lichina pygmaea (glLicPygm2) somatic mutational spectrum (SBS96 classification)



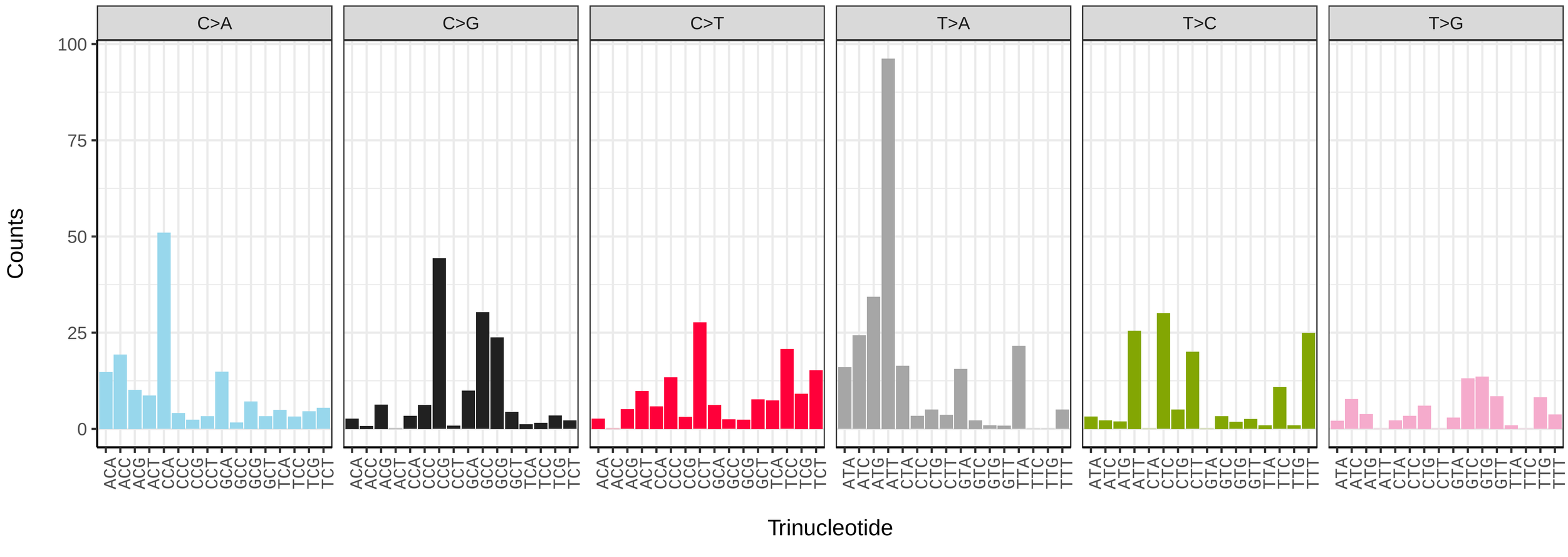
Lichina pygmaea (glLicPygm2) somatic mutational spectrum (SBS52 classification)



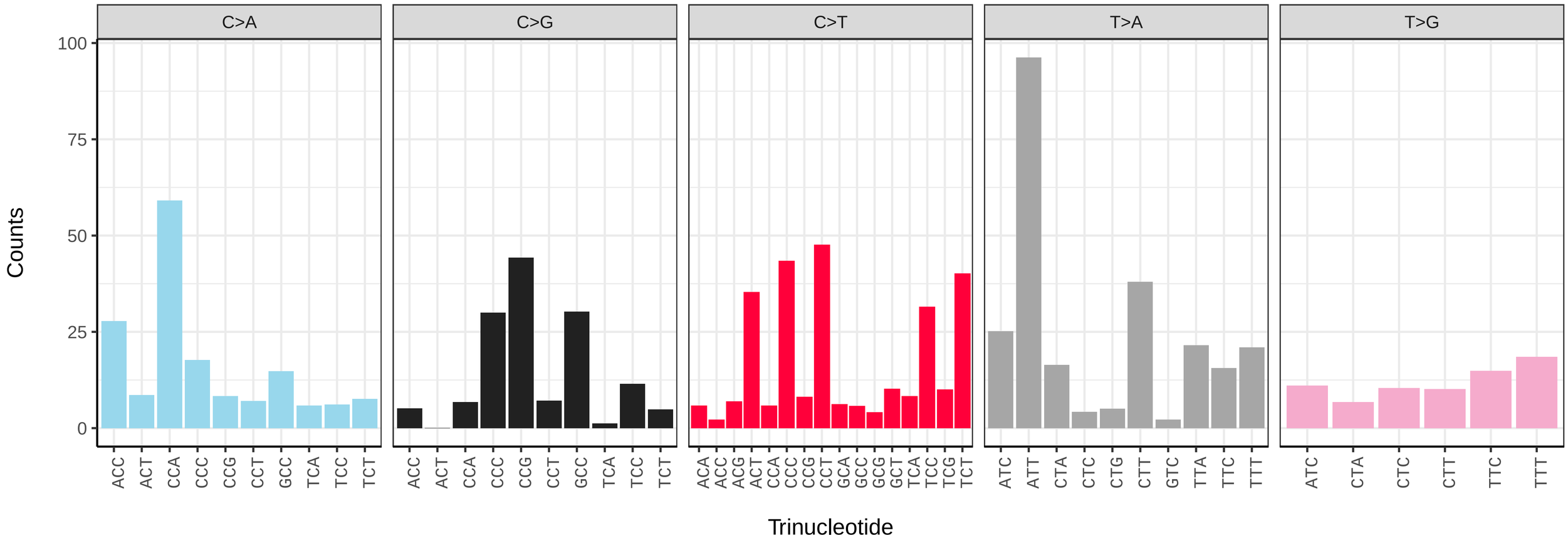
Cordyceps fumosorosea (grCorFumo1) germline mutational spectrum



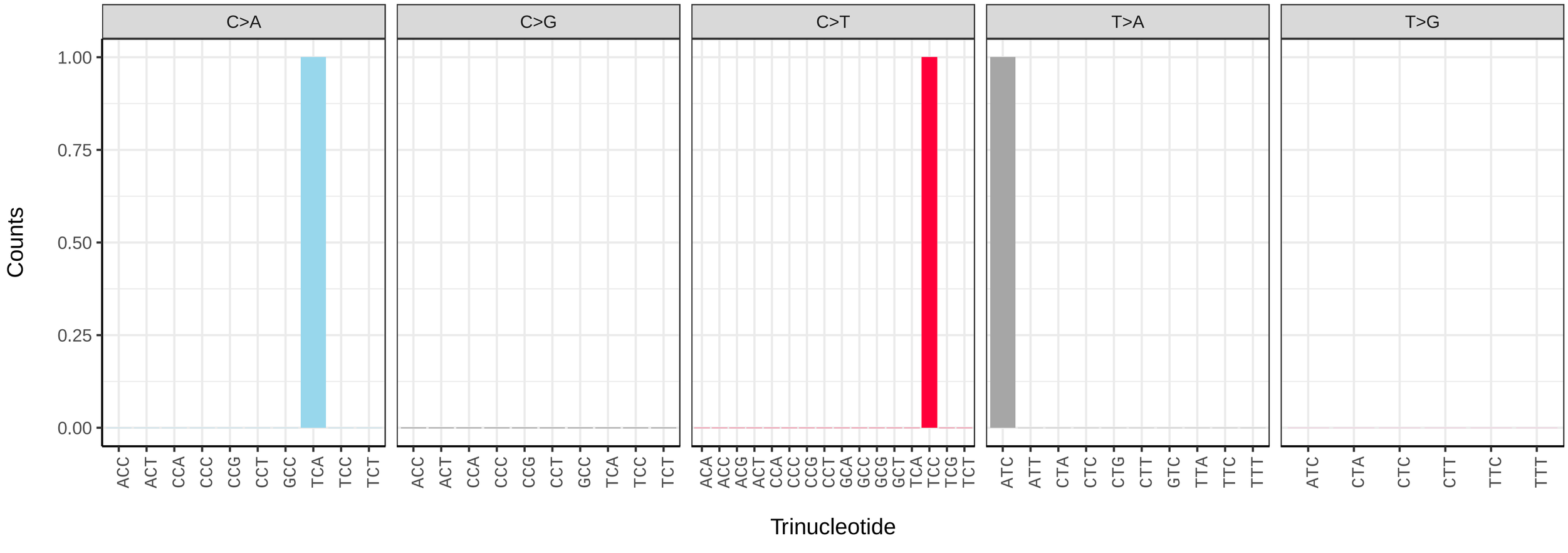
Cordyceps fumosorosea (grCorFumo1) somatic mutational spectrum (SBS96 classification)



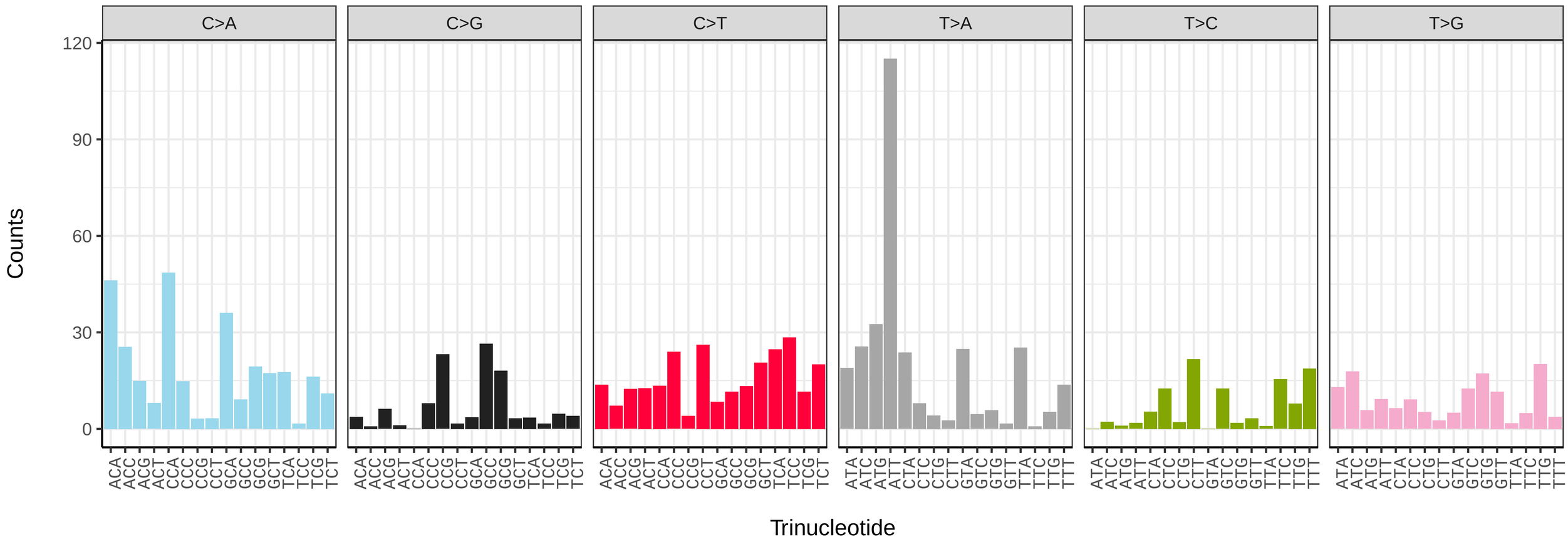
Cordyceps fumosorosea (grCorFumo1) somatic mutational spectrum (SBS52 classification)



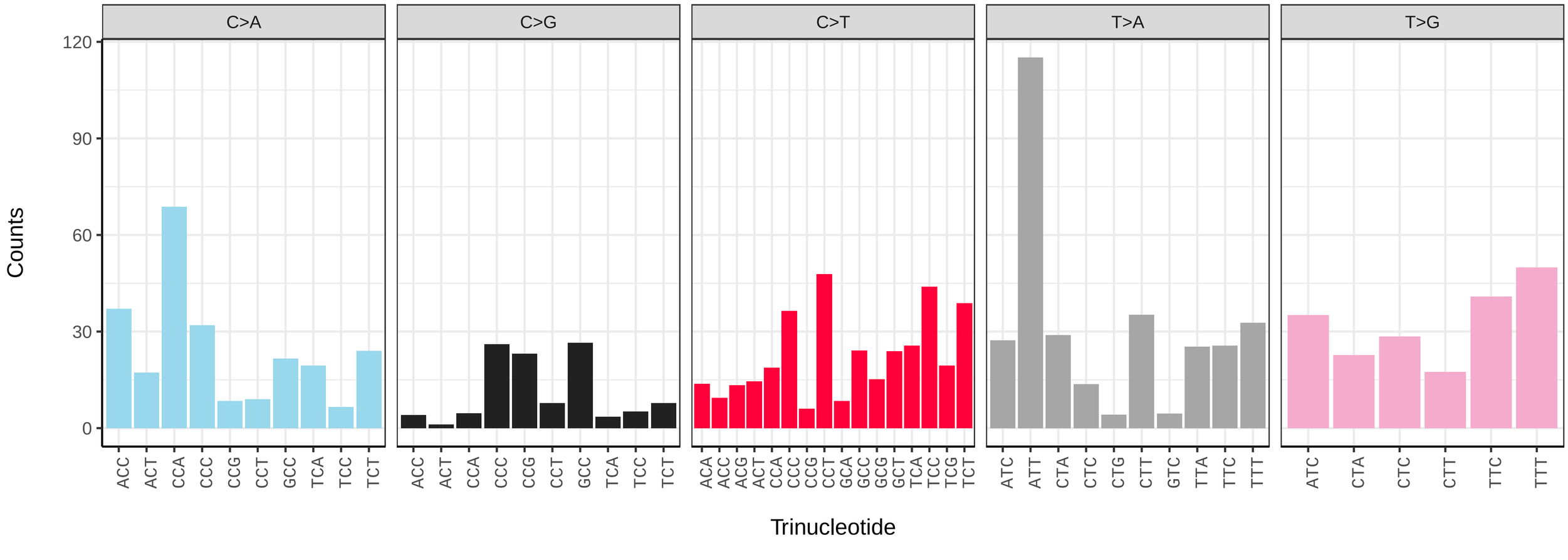
Simplicillium lamellicola (grSimLame1) germline mutational spectrum



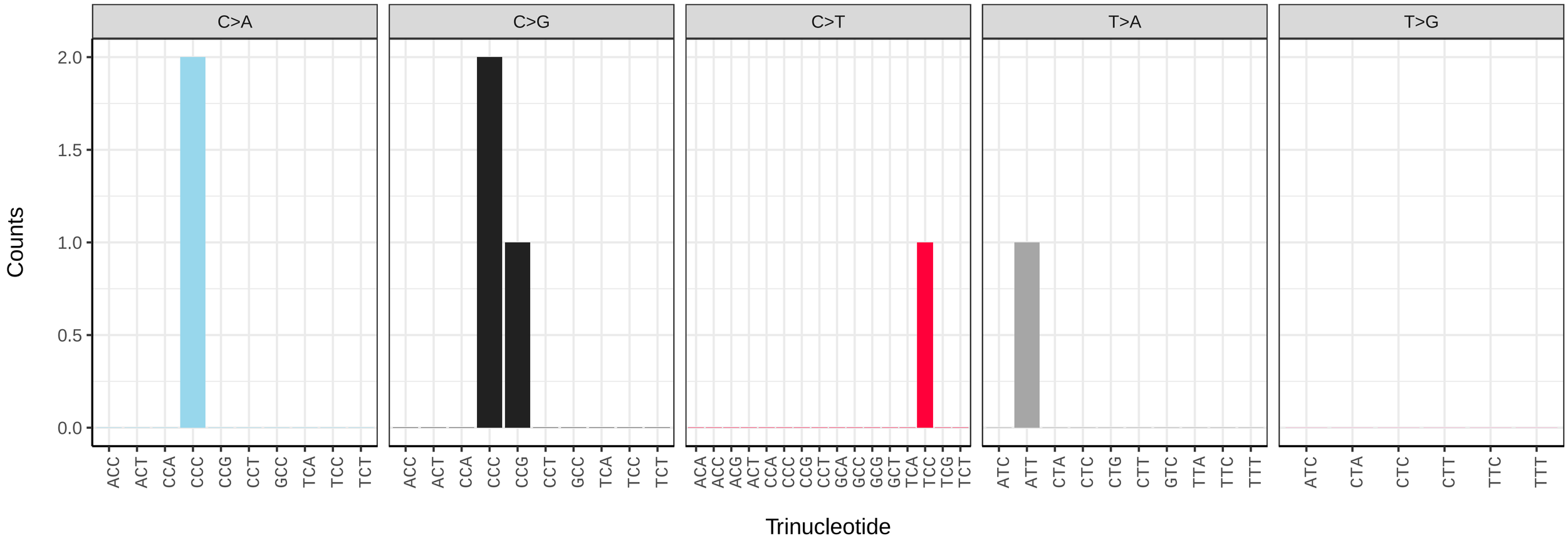
Simplicillium lamellicola (grSimLame1) somatic mutational spectrum (SBS96 classification)



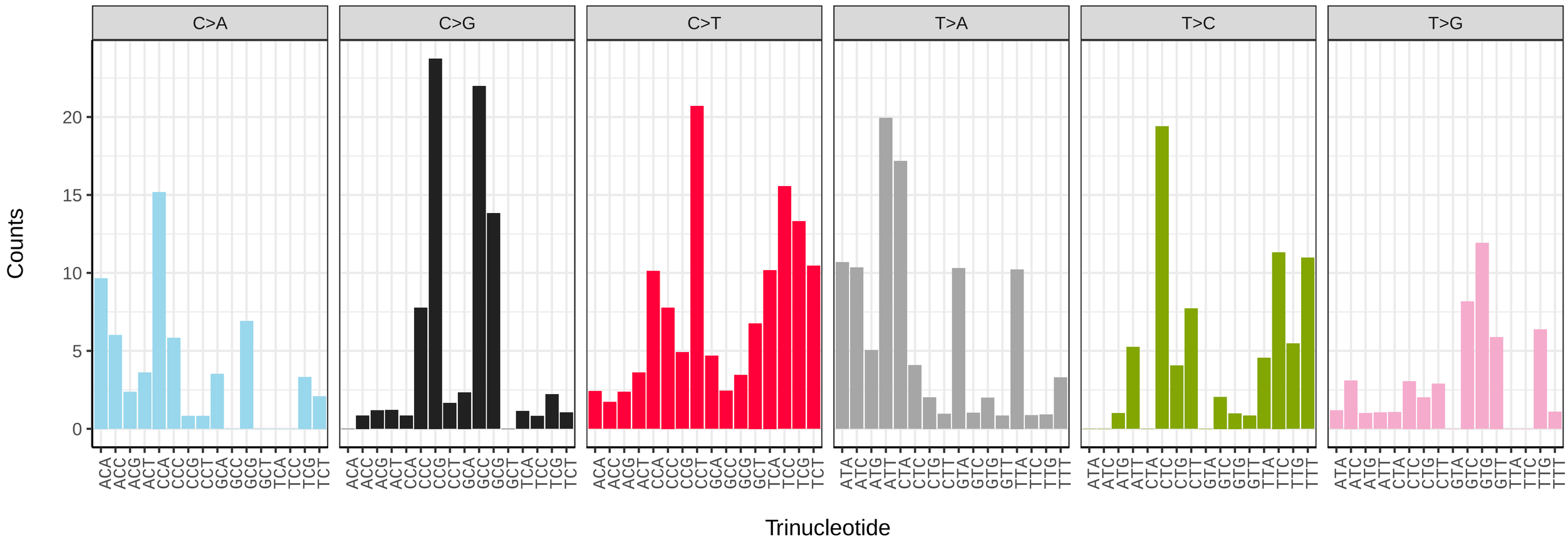
Simplicillium lamellicola (grSimLame1) somatic mutational spectrum (SBS52 classification)



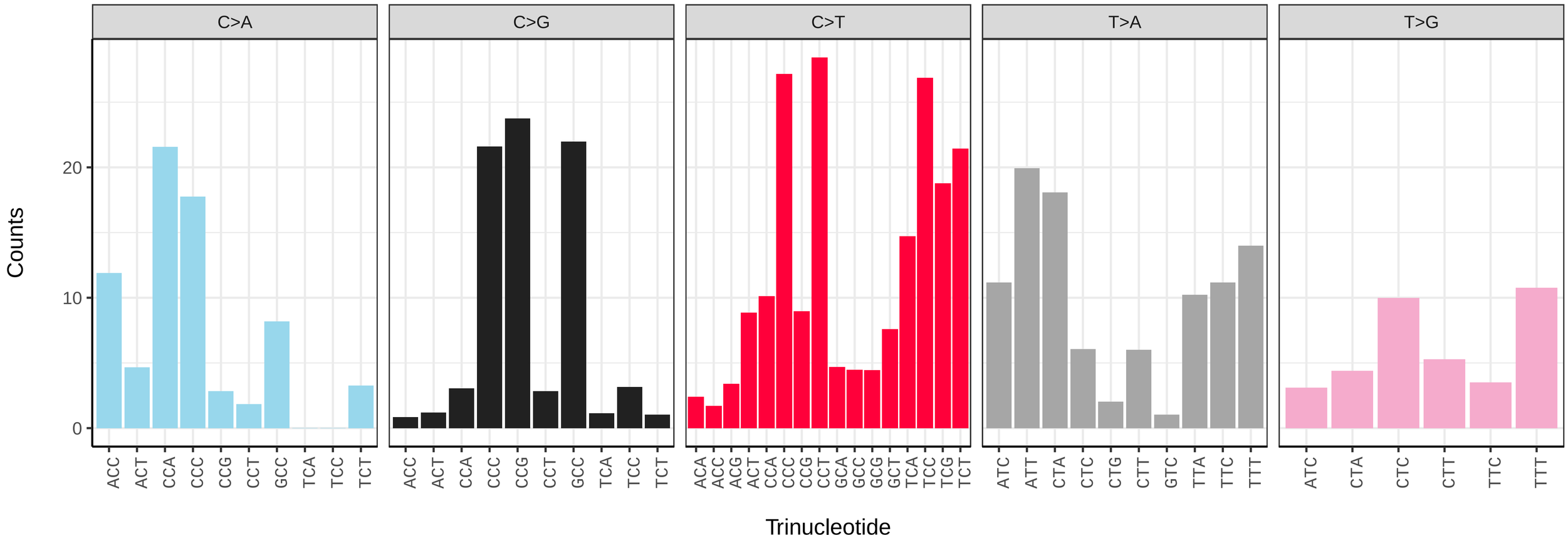
Trichoderma pseudokoningii (grTriPseu1) germline mutational spectrum



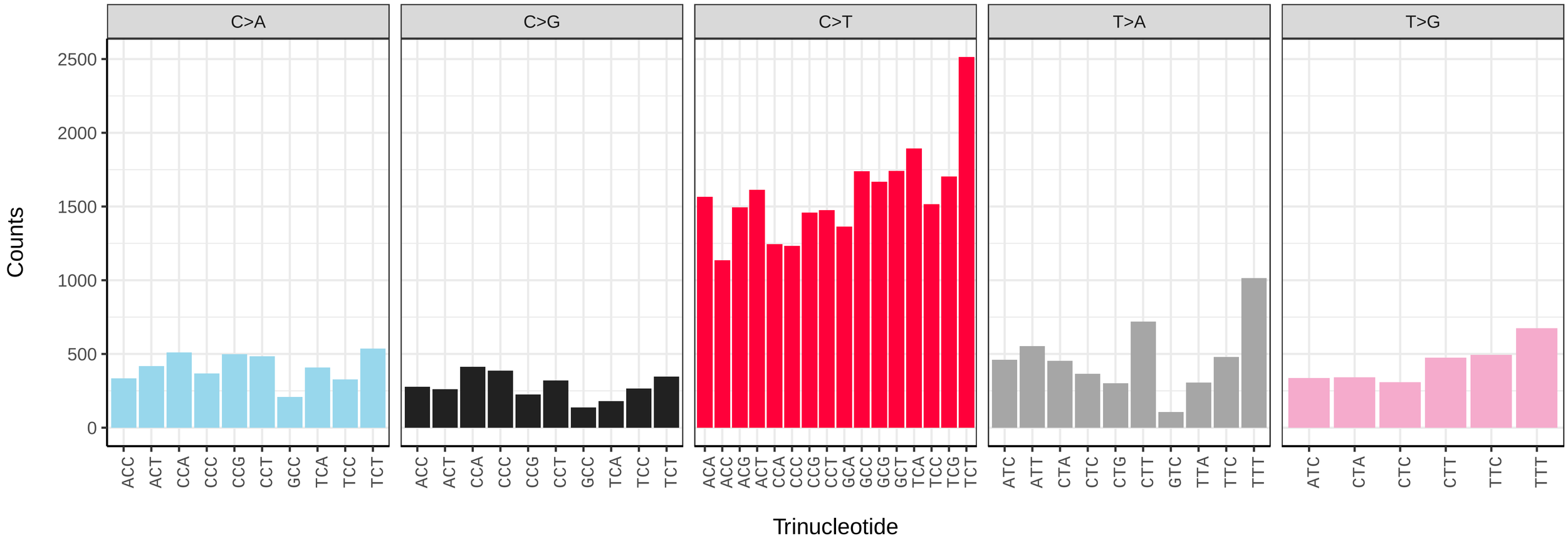
Trichoderma pseudokoningii (grTriPseu1) somatic mutational spectrum (SBS96 classification)



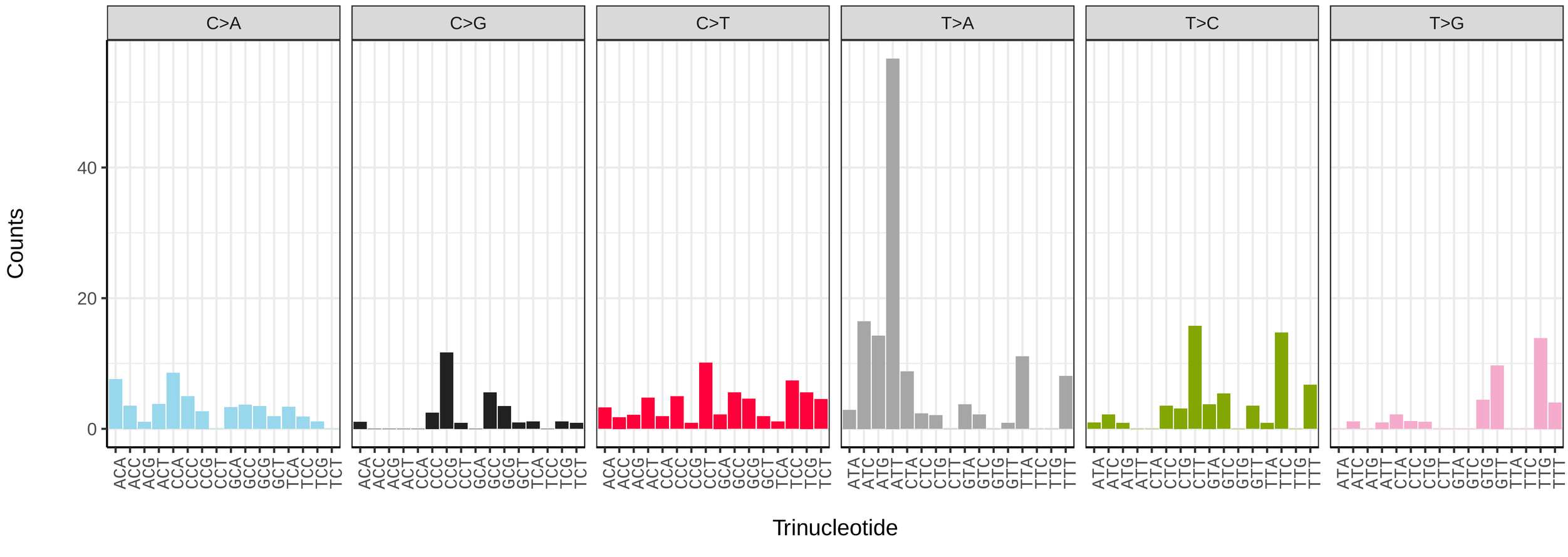
Trichoderma pseudokoningii (grTriPseu1) somatic mutational spectrum (SBS52 classification)



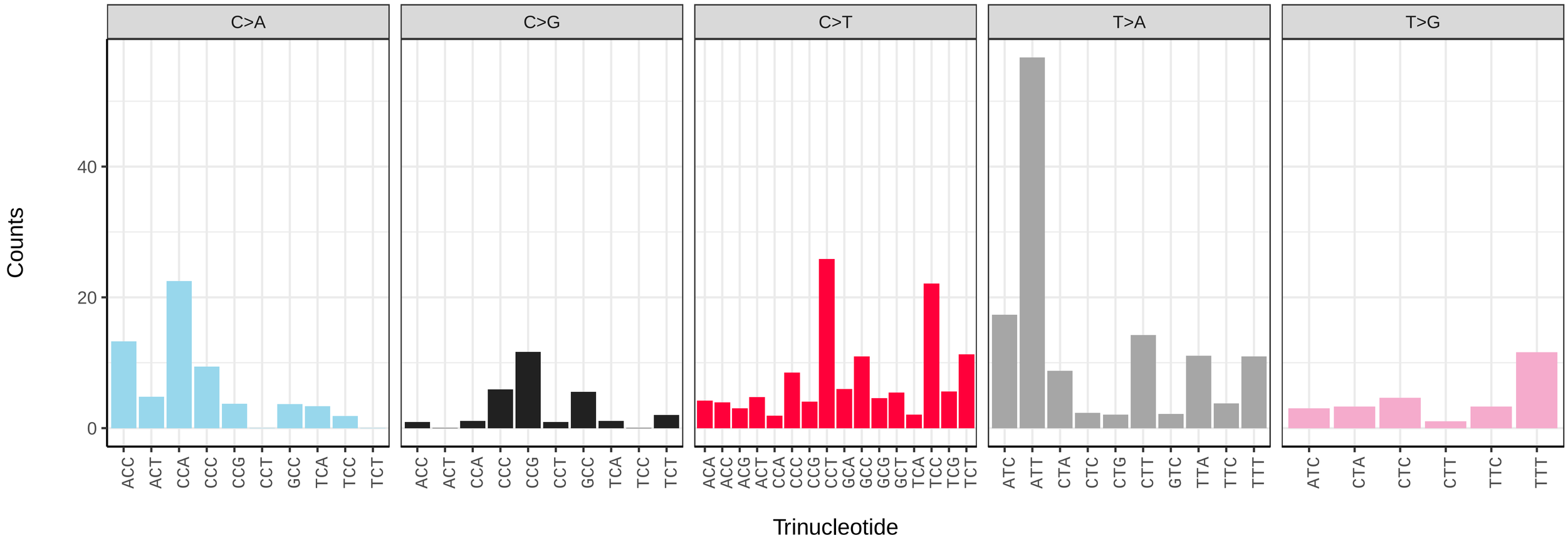
Metschnikowia zobellii (gsMetZobe1) germline mutational spectrum



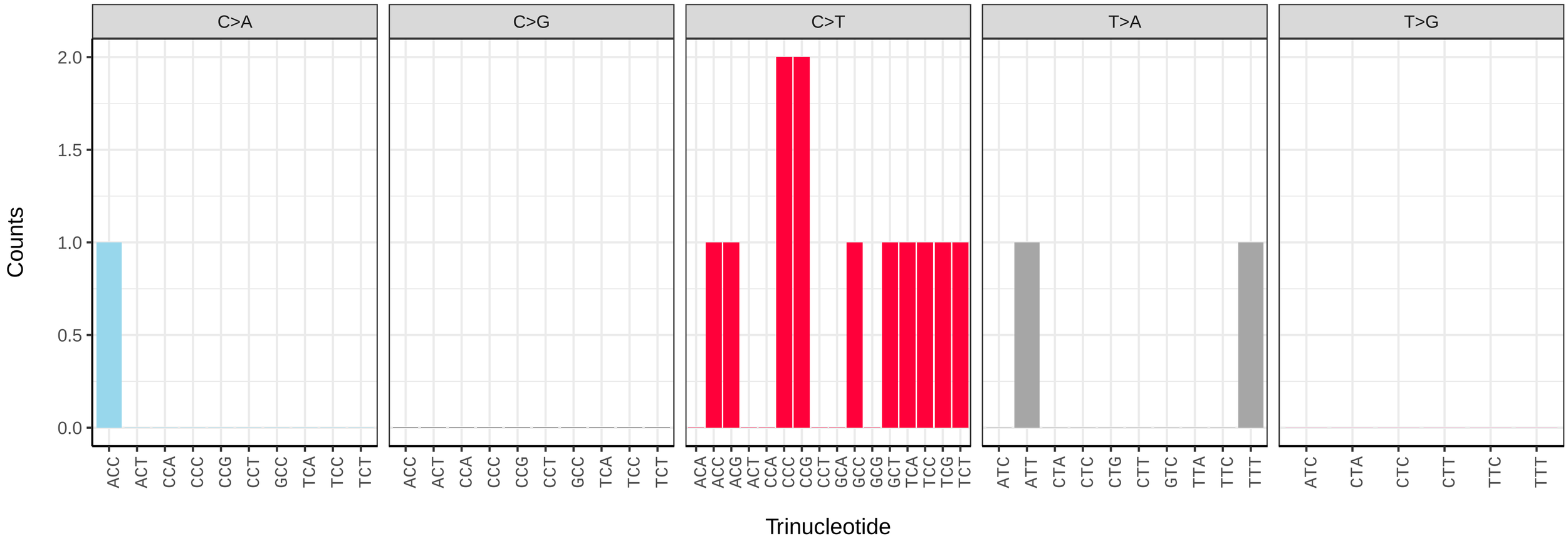
Metschnikowia zobellii (gsMetZobe1) somatic mutational spectrum (SBS96 classification)



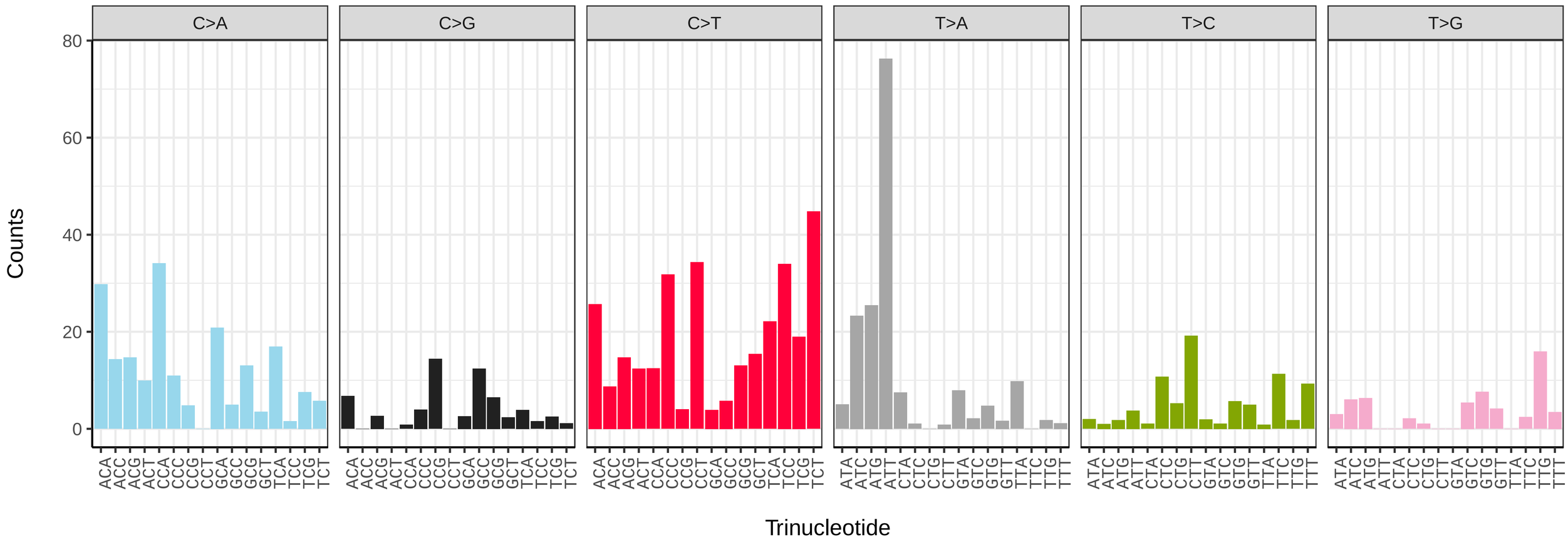
Metschnikowia zobellii (gsMetZobe1) somatic mutational spectrum (SBS52 classification)



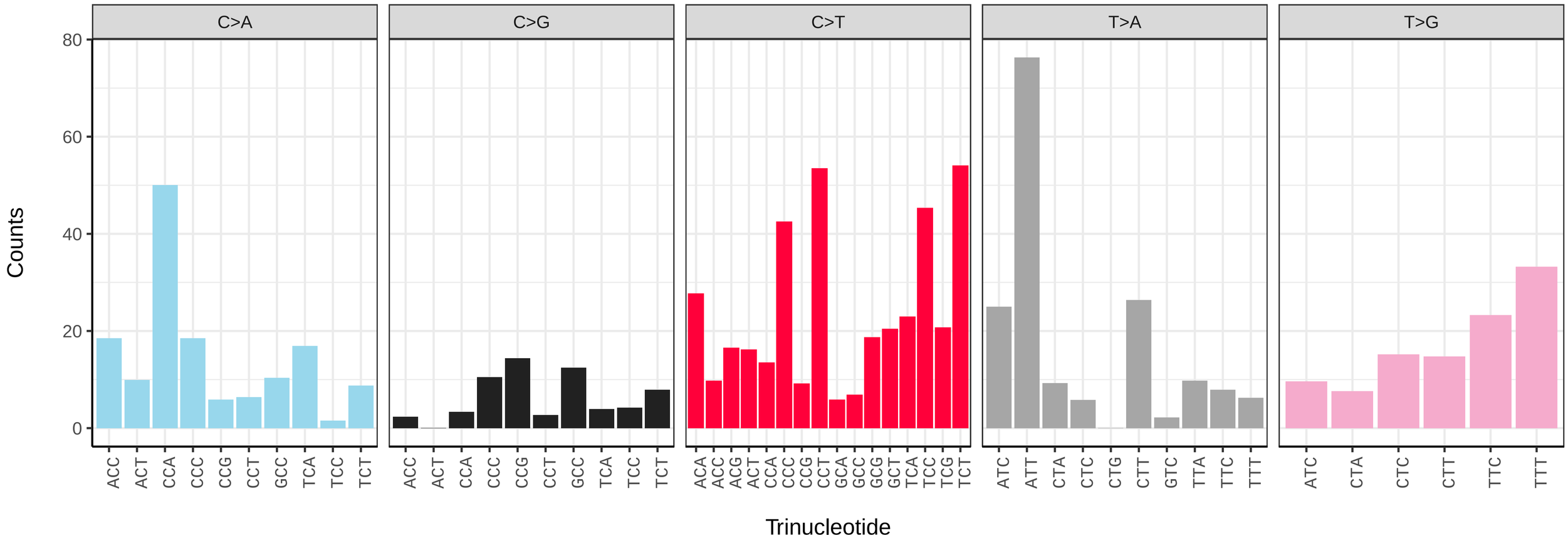
Entomortierella parvispora (gzEntParv1) germline mutational spectrum



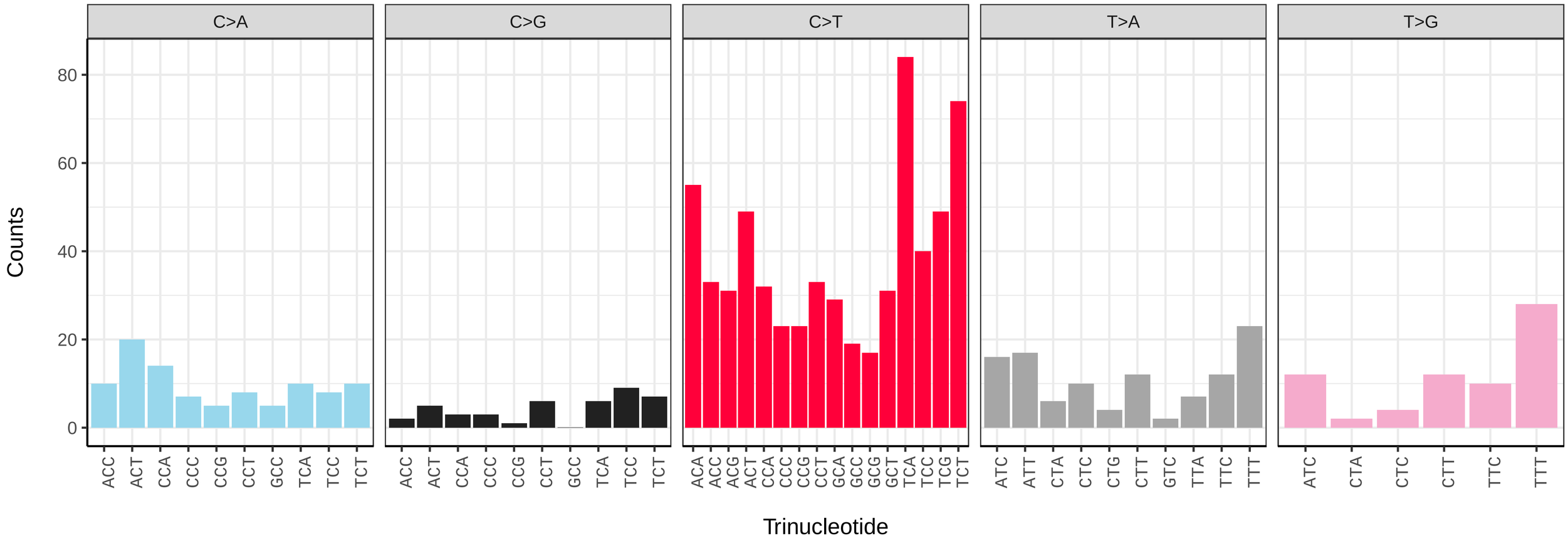
Entomortierella parvispora (gzEntParv1) somatic mutational spectrum (SBS96 classification)



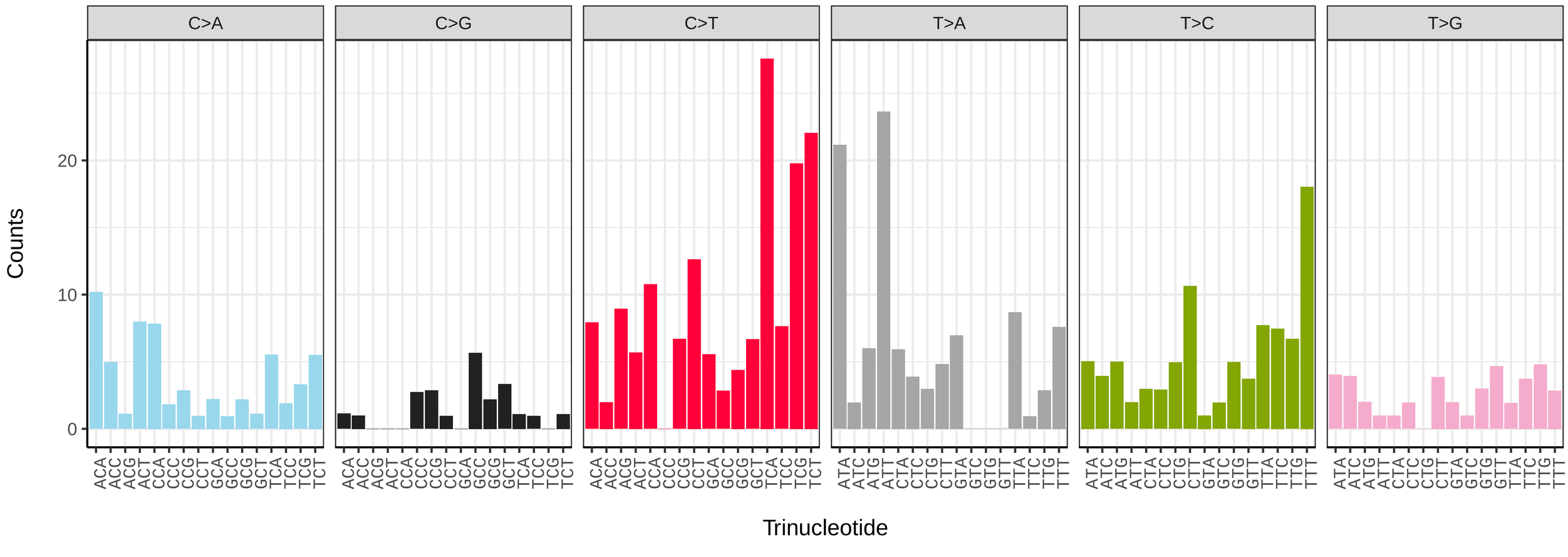
Entomortierella parvispora (gzEntParv1) somatic mutational spectrum (SBS52 classification)



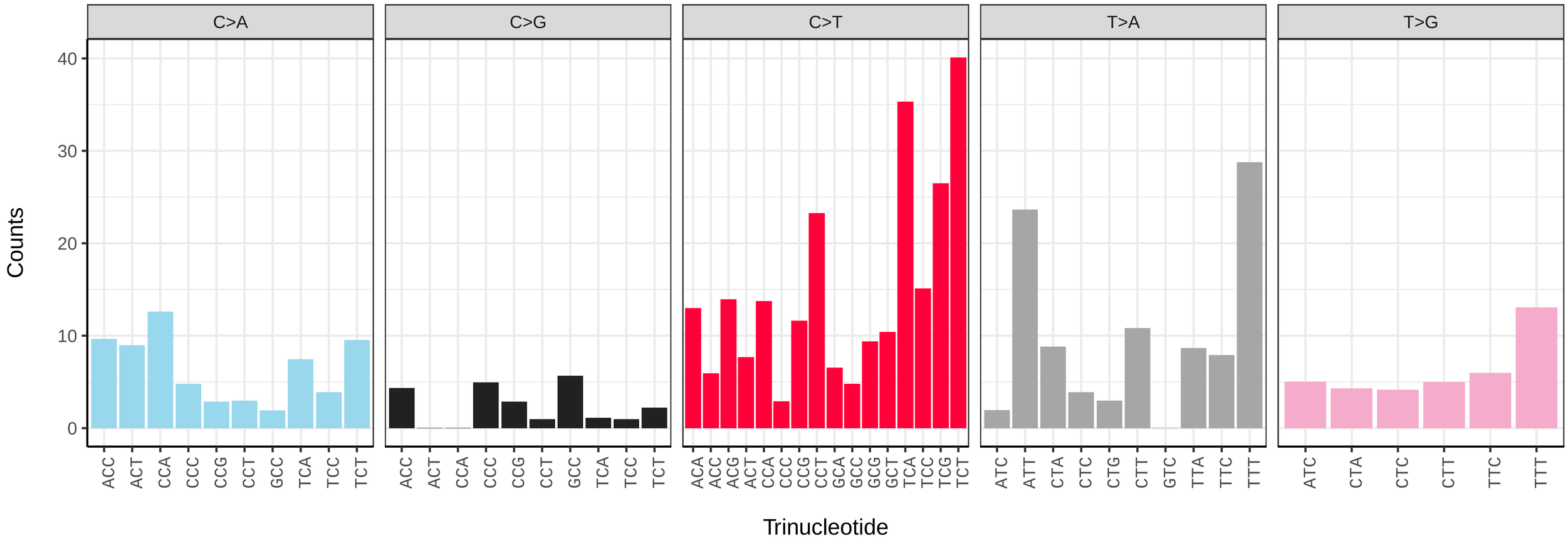
Mucor piriformis (gzMucPiri1) germline mutational spectrum



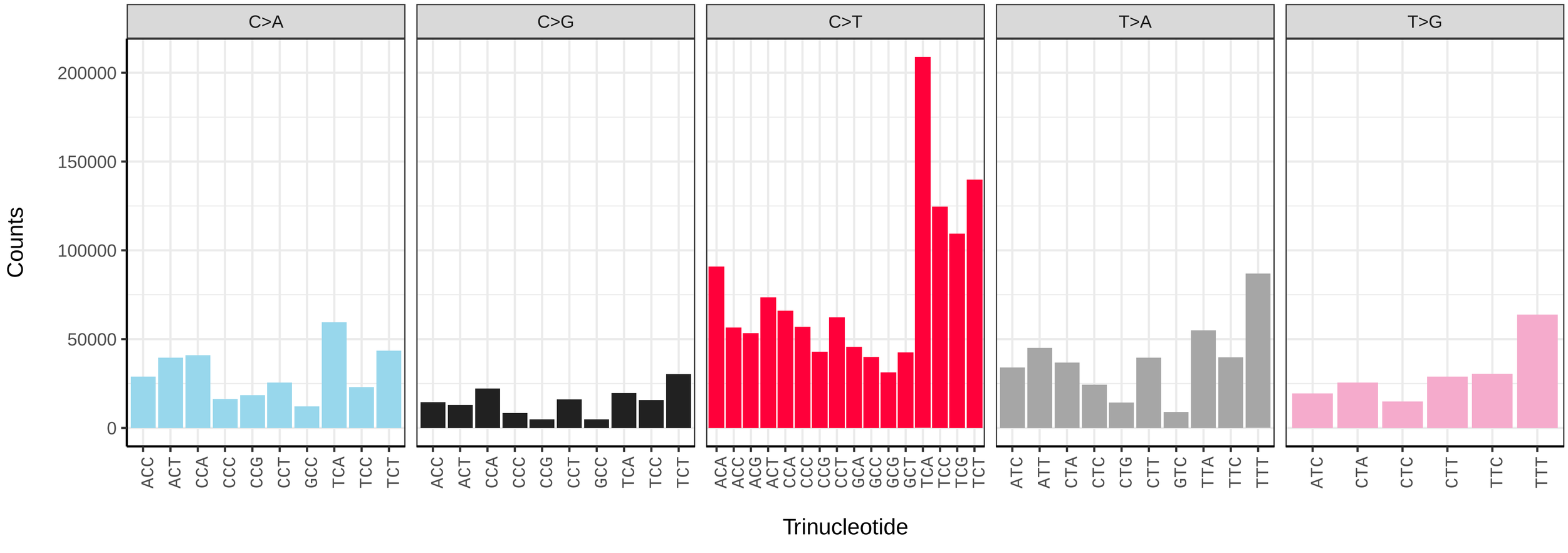
Mucor piriformis (gzMucPiri1) somatic mutational spectrum (SBS96 classification)



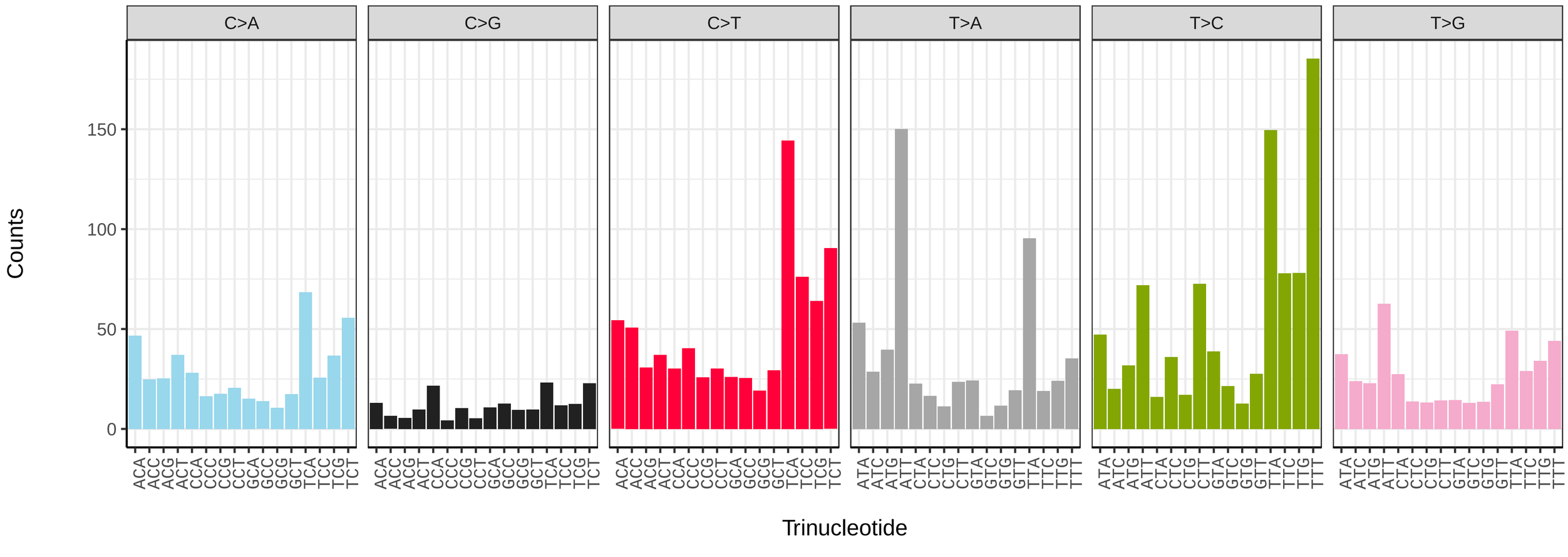
Mucor piriformis (gzMucPiri1) somatic mutational spectrum (SBS52 classification)



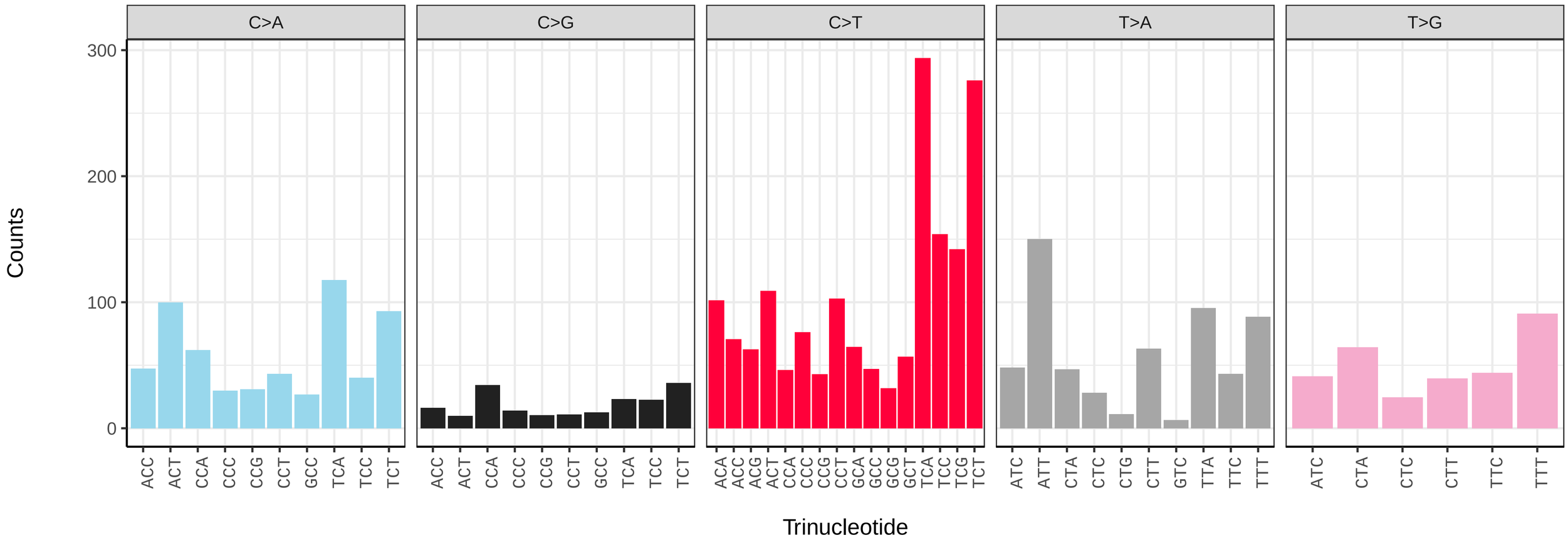
Adalia bipunctata (icAdaBipu1) germline mutational spectrum



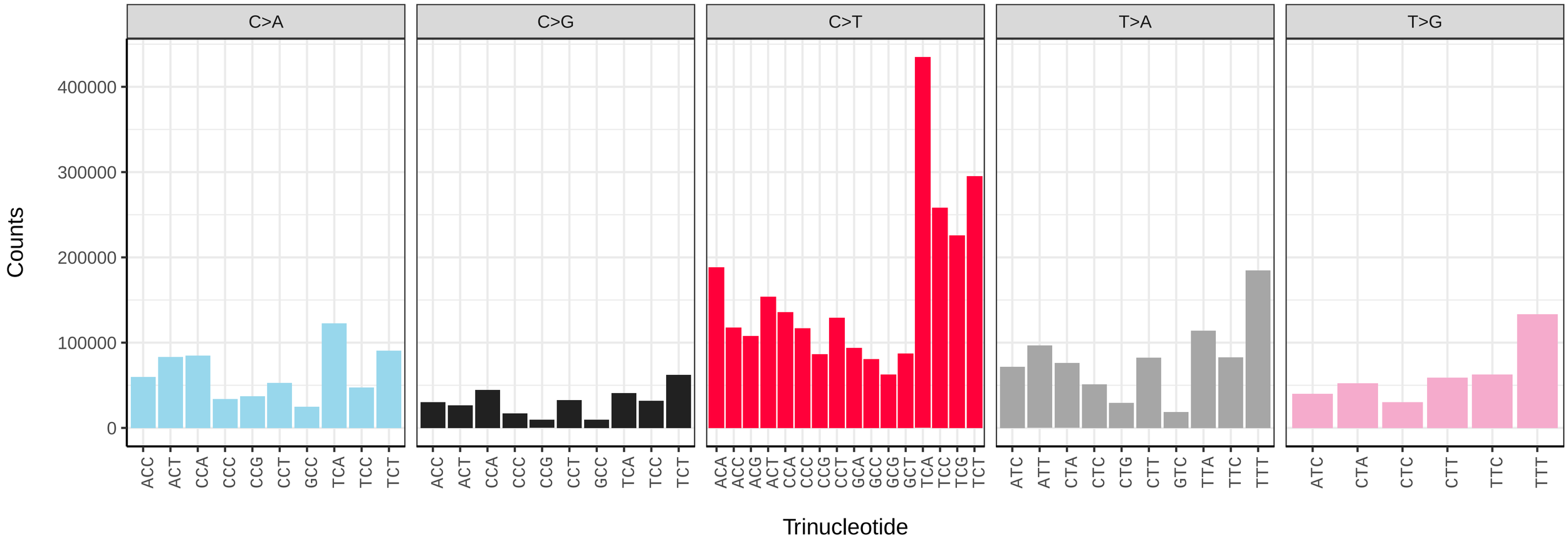
Adalia bipunctata (icAdaBipu1) somatic mutational spectrum (SBS96 classification)



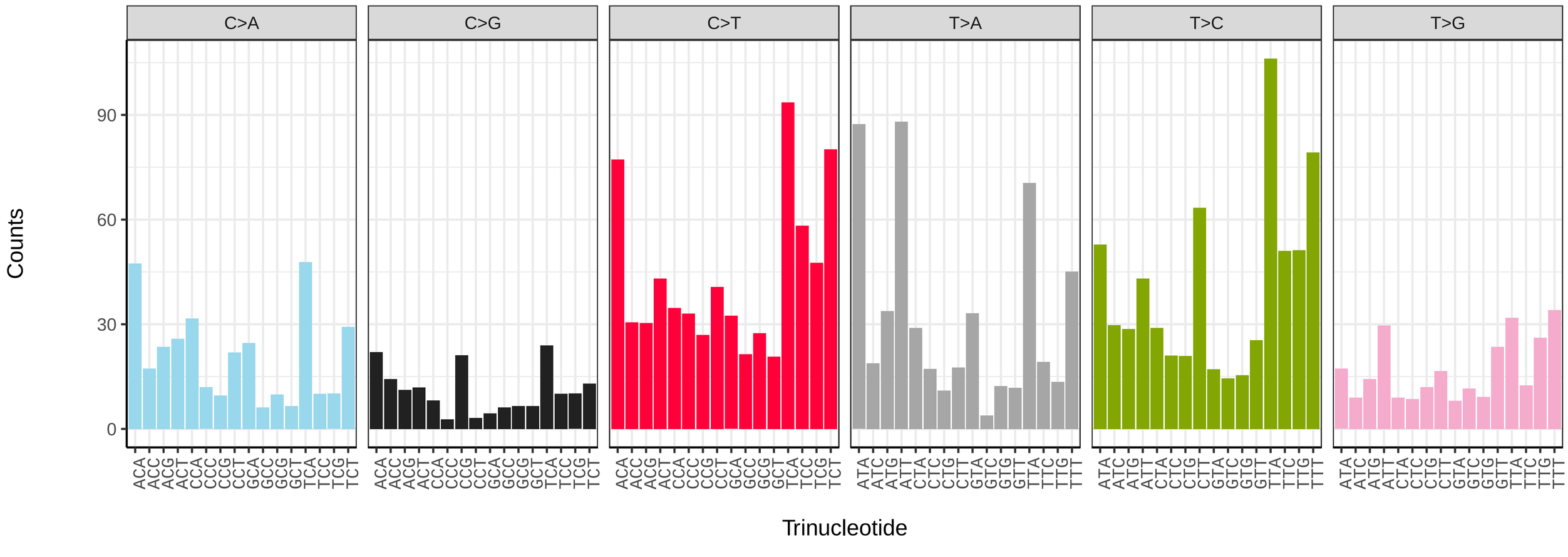
Adalia bipunctata (icAdaBipu1) somatic mutational spectrum (SBS52 classification)



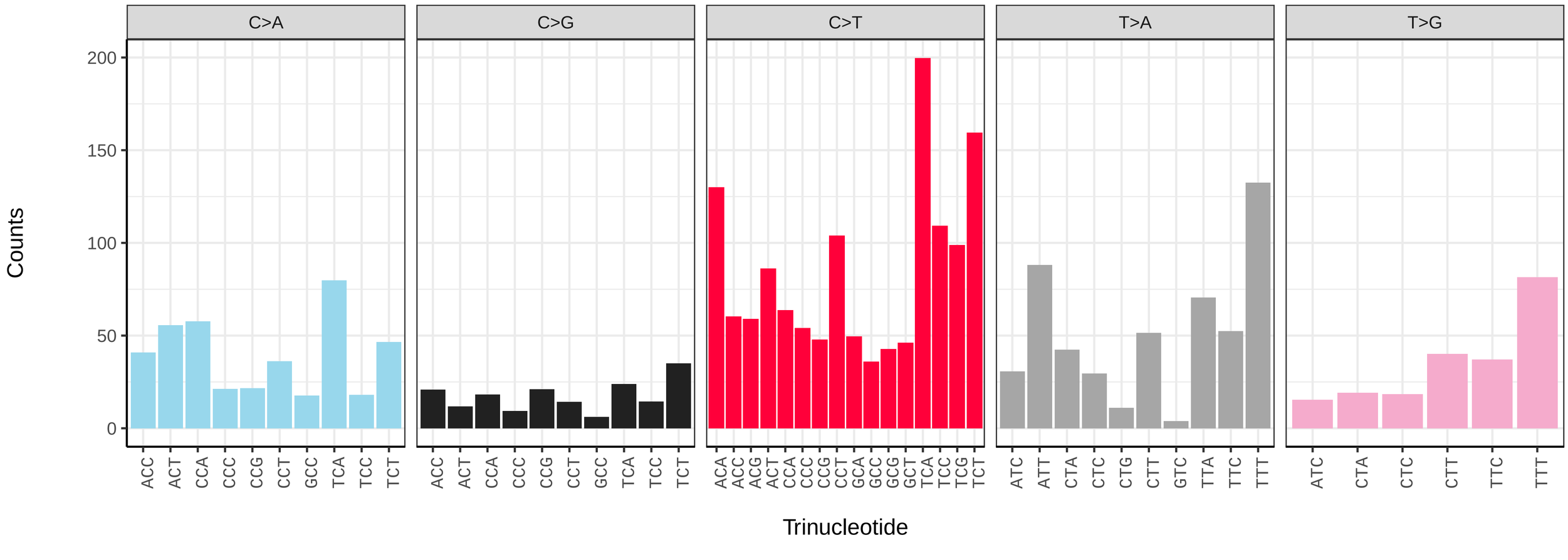
Adalia bipunctata (icAdaBipu1.icAdaBipu15) germline mutational spectrum



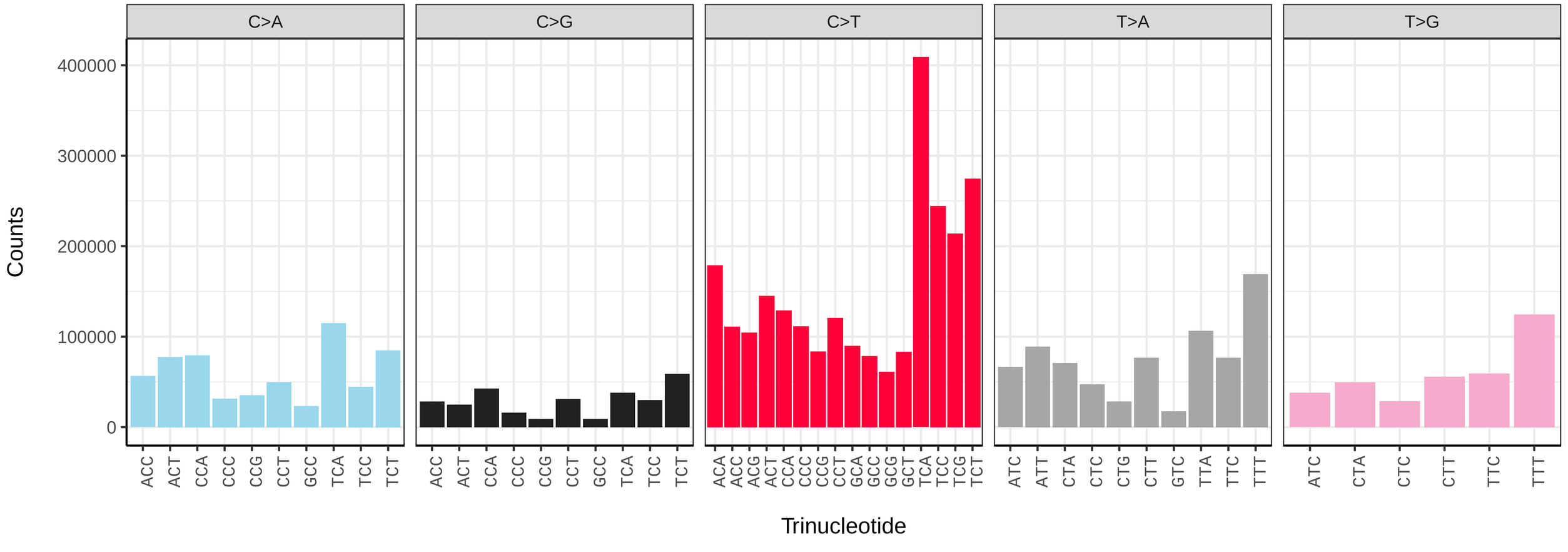
Adalia bipunctata (icAdaBipu1.icAdaBipu15) somatic mutational spectrum (SBS96 classification)



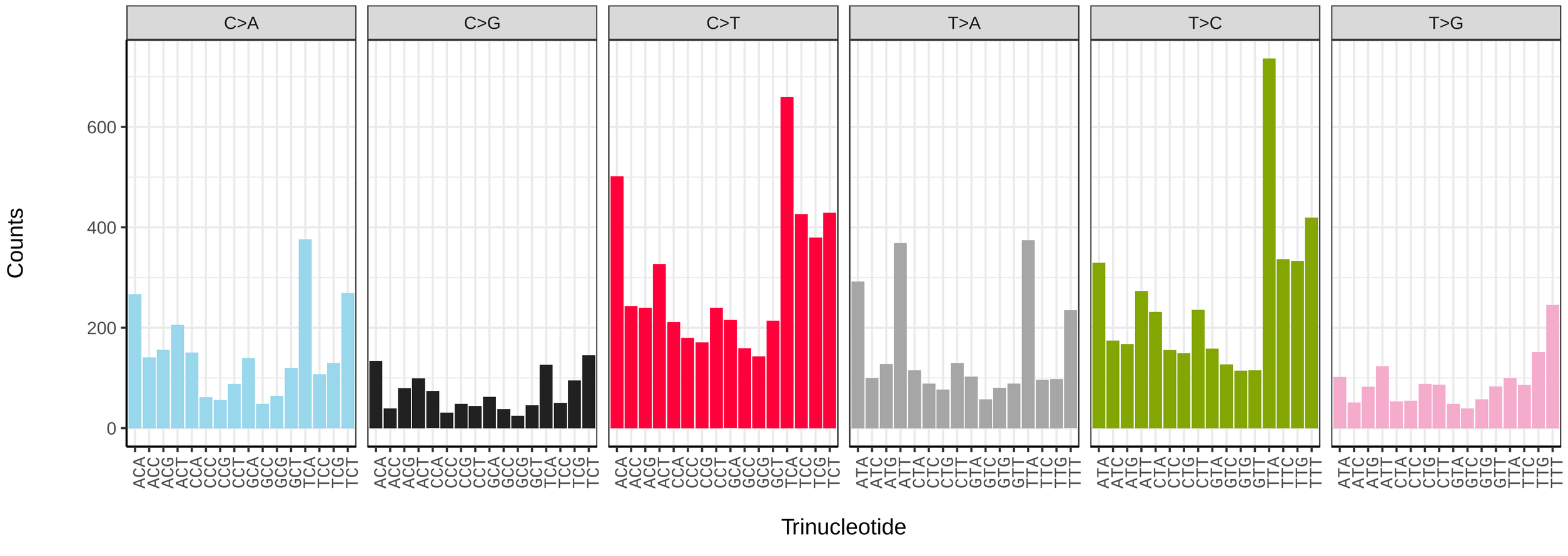
Adalia bipunctata (icAdaBipu1.icAdaBipu15) somatic mutational spectrum (SBS52 classification)



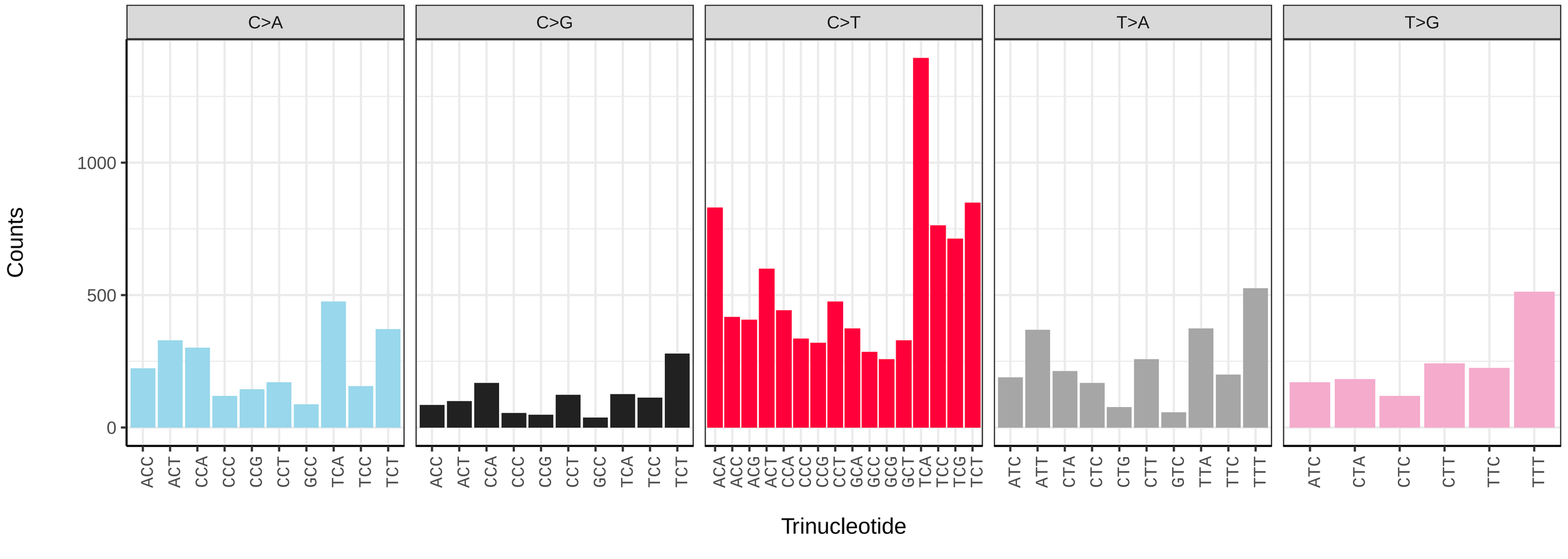
Adalia bipunctata (icAdaBipu1.icAdaBipu20) germline mutational spectrum



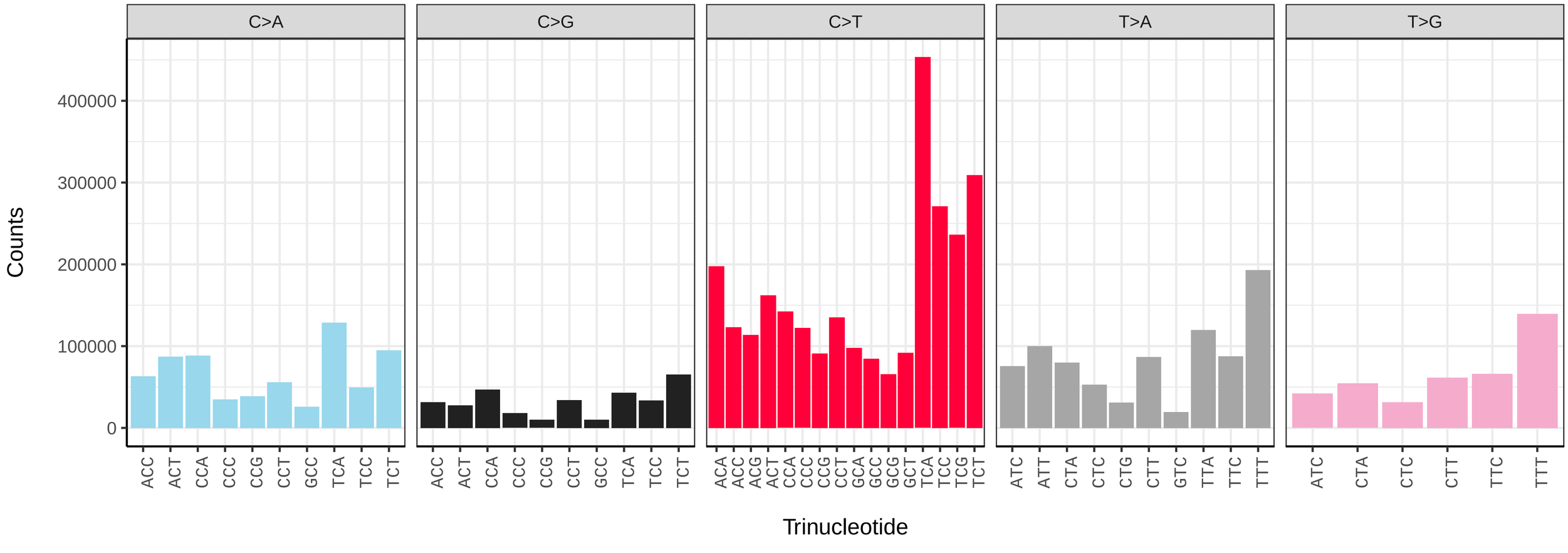
Adalia bipunctata (icAdaBipu1.icAdaBipu20) somatic mutational spectrum (SBS96 classification)



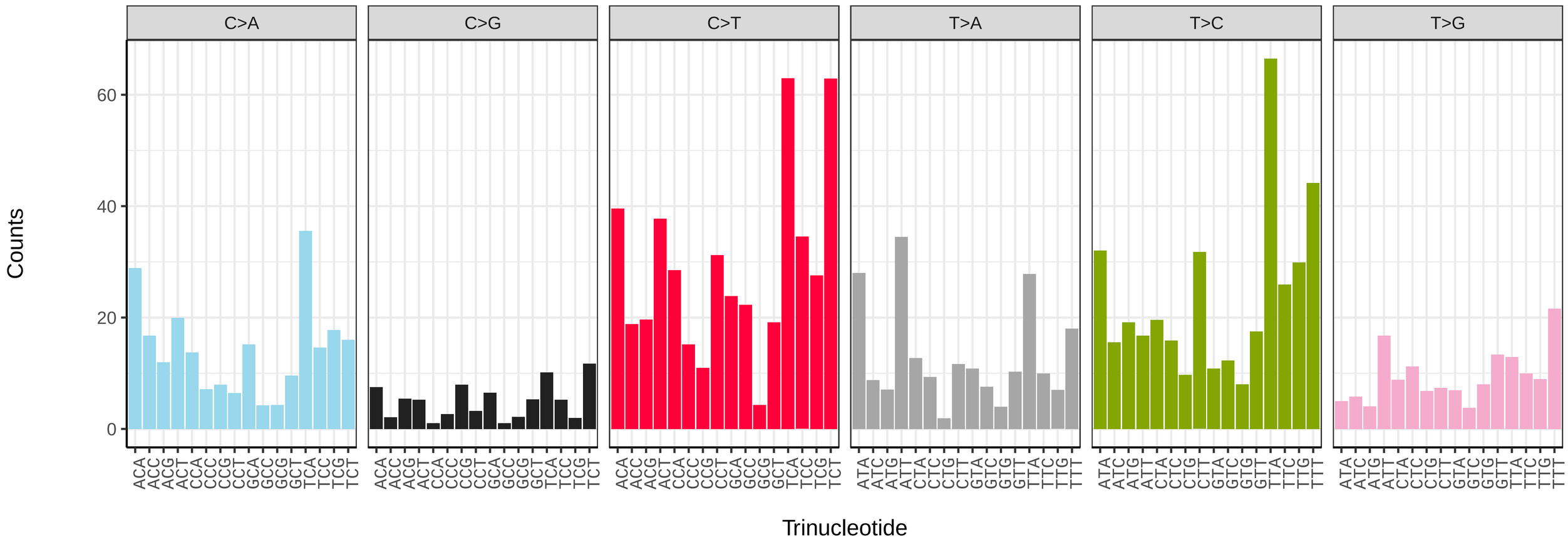
Adalia bipunctata (icAdaBipu1.icAdaBipu20) somatic mutational spectrum (SBS52 classification)



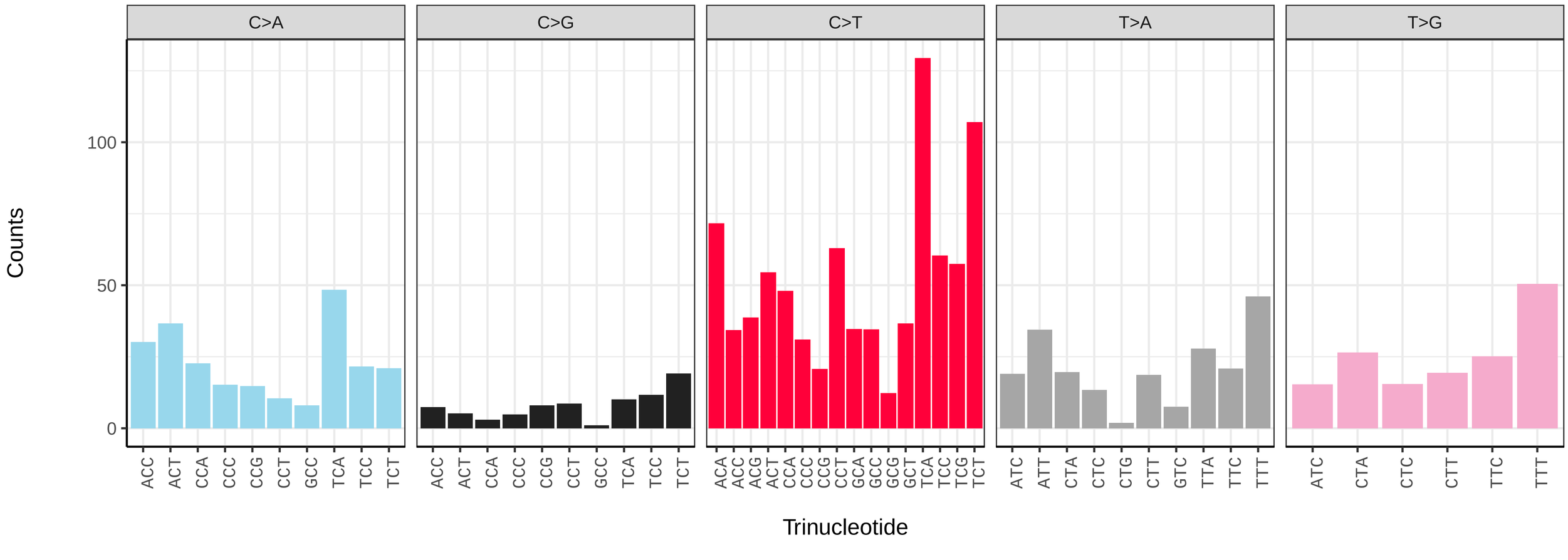
Adalia bipunctata (icAdaBipu1.icAdaBipu28) germline mutational spectrum



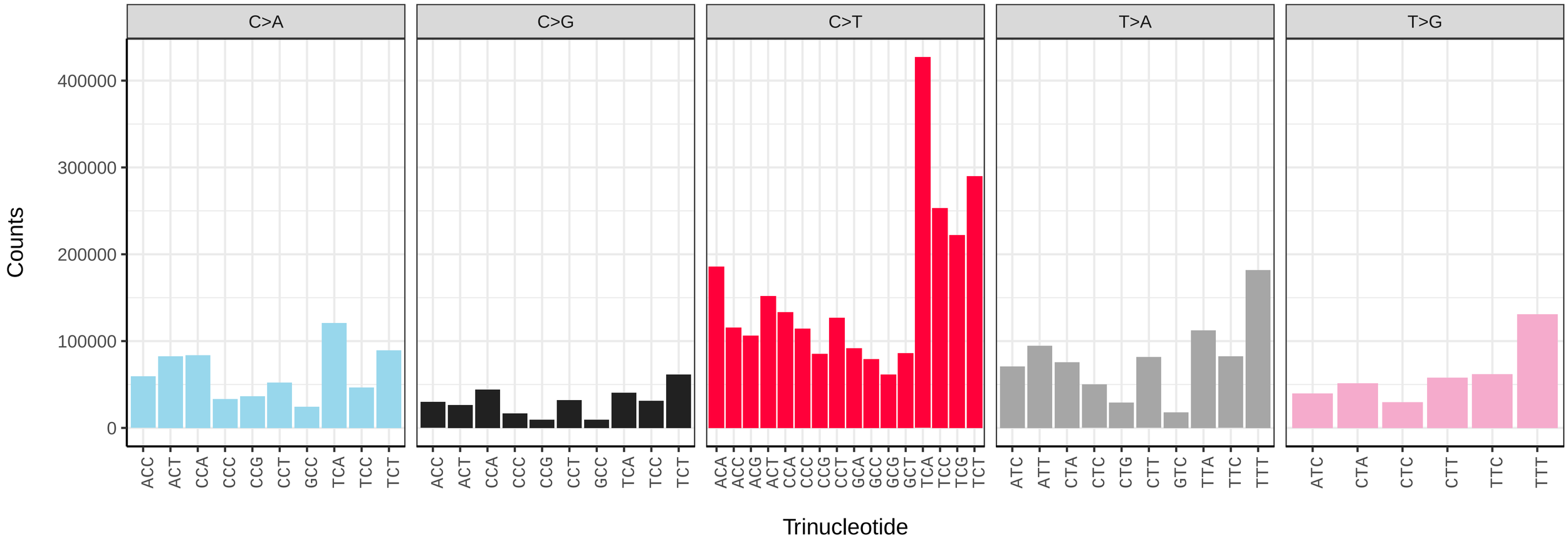
Adalia bipunctata (icAdaBipu1.icAdaBipu28) somatic mutational spectrum (SBS96 classification)



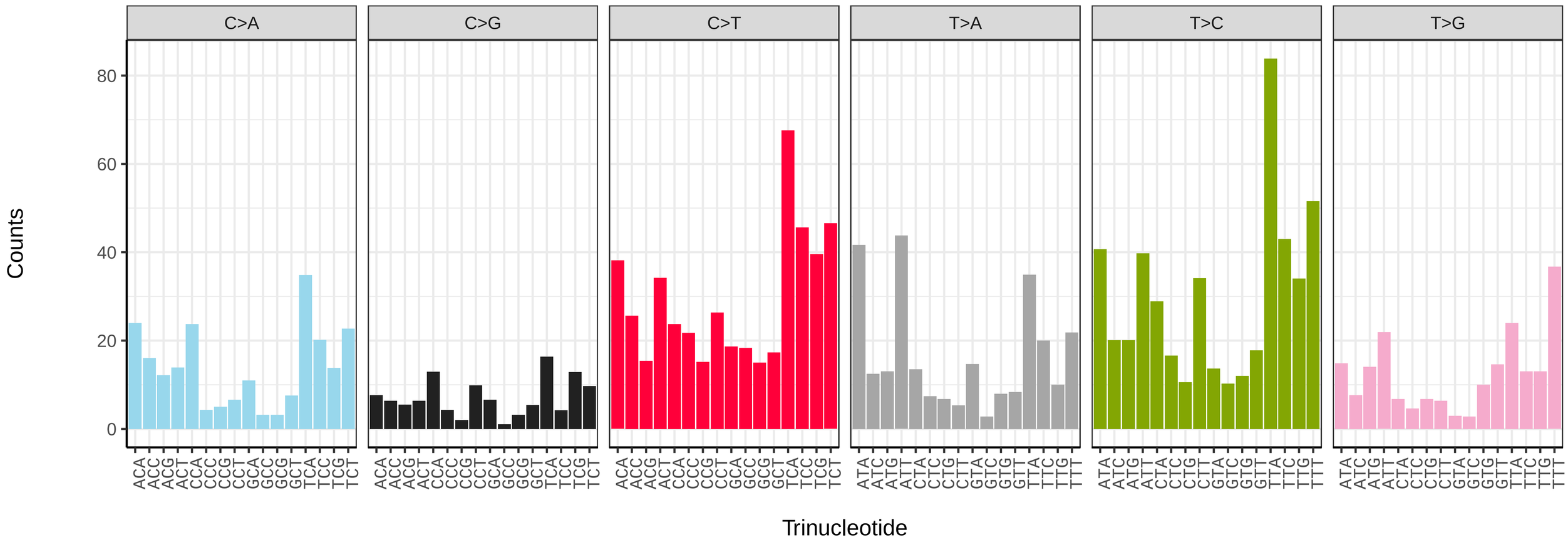
Adalia bipunctata (icAdaBipu1.icAdaBipu28) somatic mutational spectrum (SBS52 classification)



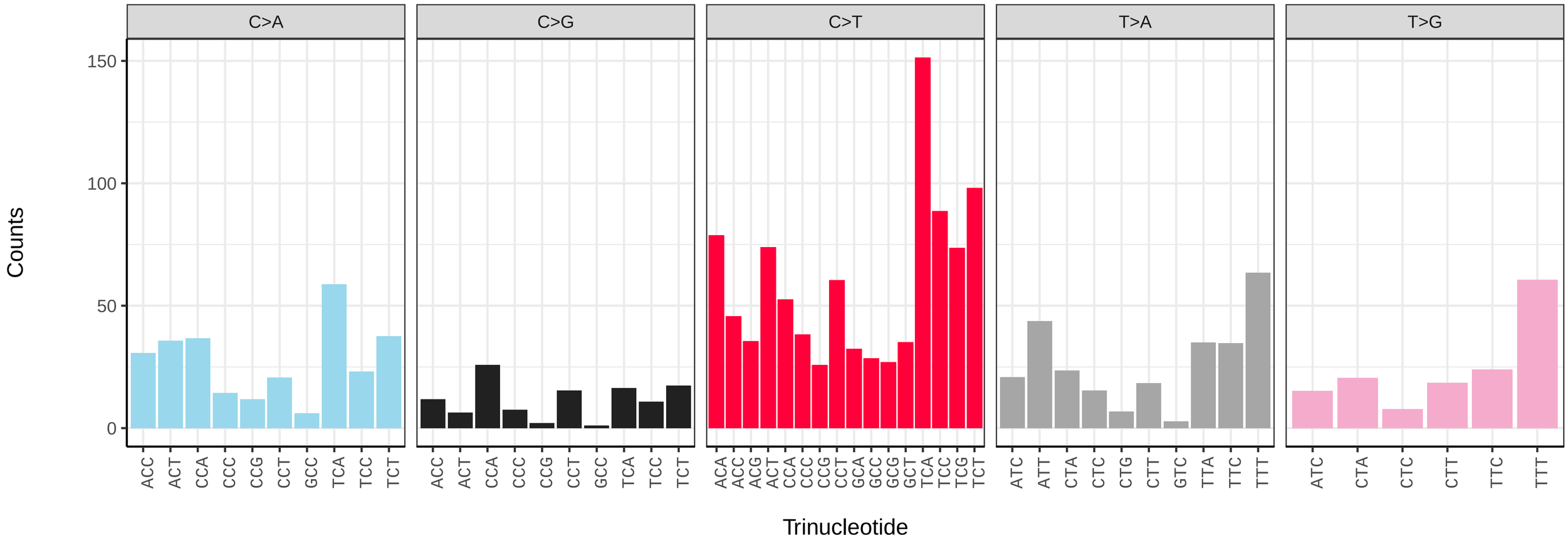
Adalia bipunctata (icAdaBipu1.icAdaBipu29) germline mutational spectrum



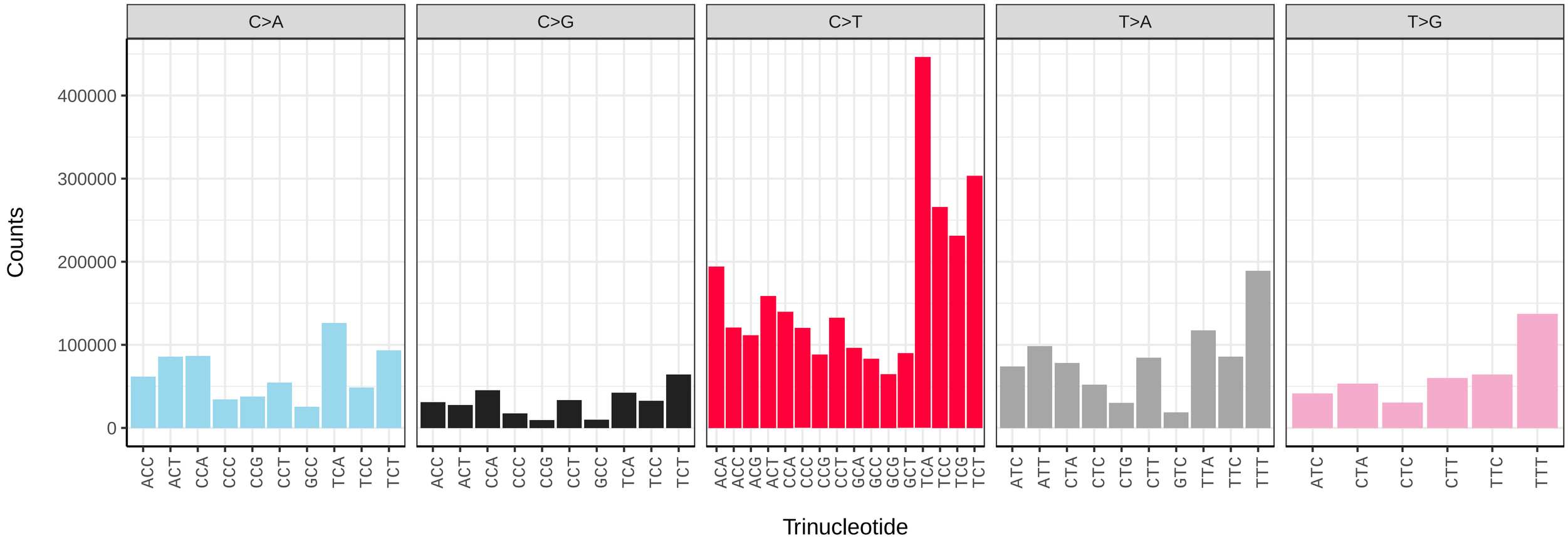
Adalia bipunctata (icAdaBipu1.icAdaBipu29) somatic mutational spectrum (SBS96 classification)



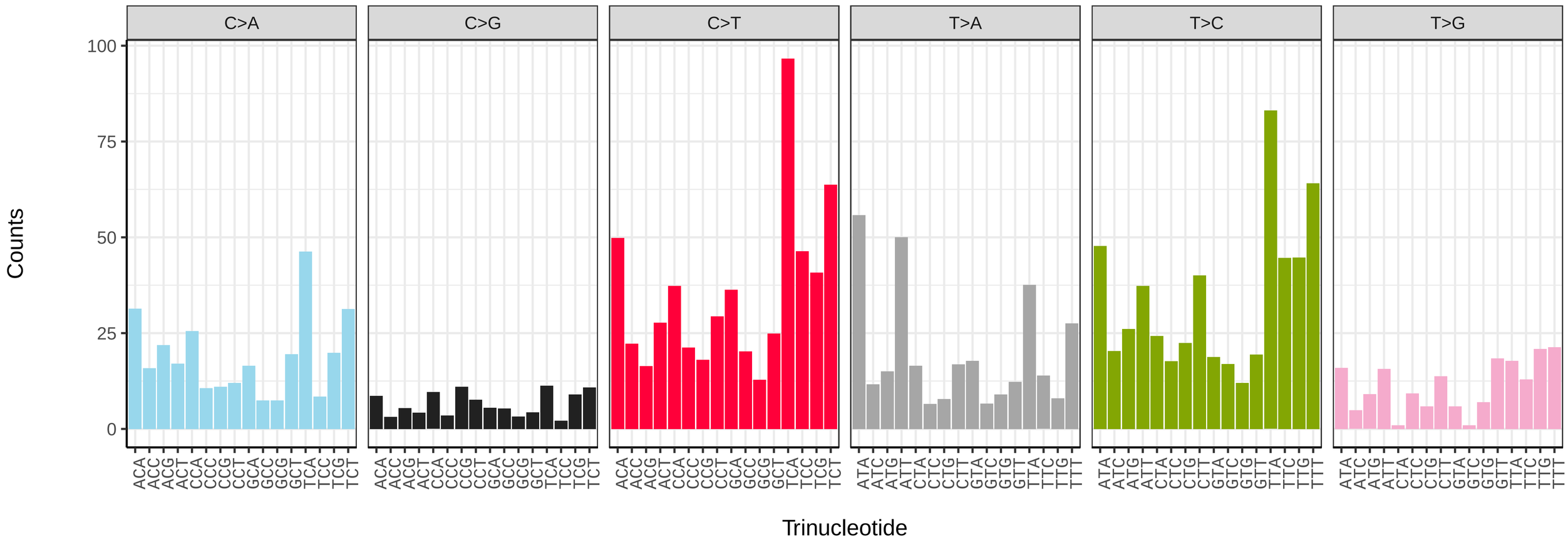
Adalia bipunctata (icAdaBipu1.icAdaBipu29) somatic mutational spectrum (SBS52 classification)



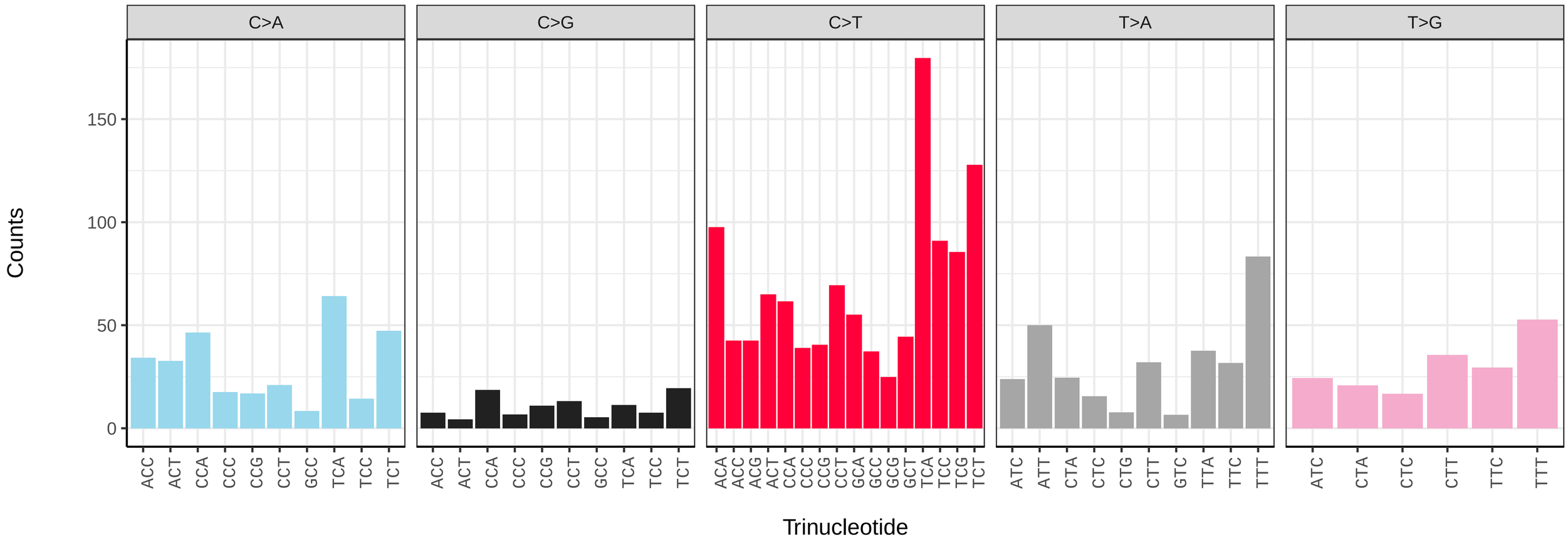
Adalia bipunctata (icAdaBipu1.icAdaBipu31) germline mutational spectrum



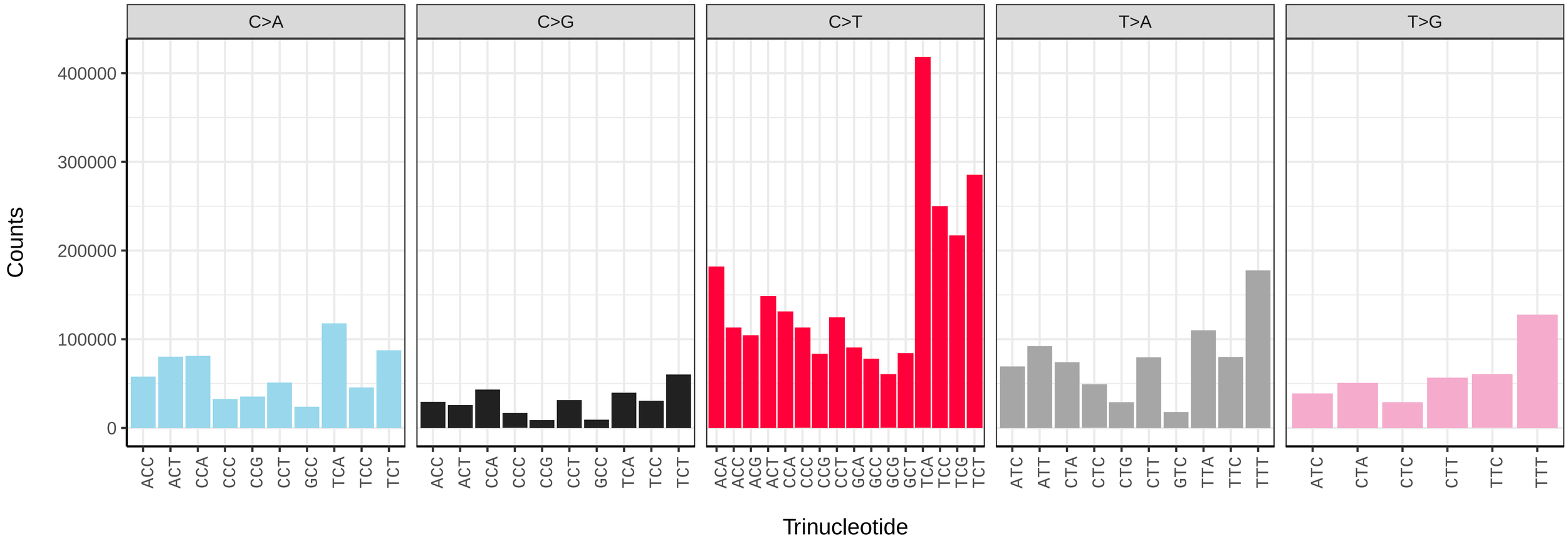
Adalia bipunctata (icAdaBipu1.icAdaBipu31) somatic mutational spectrum (SBS96 classification)



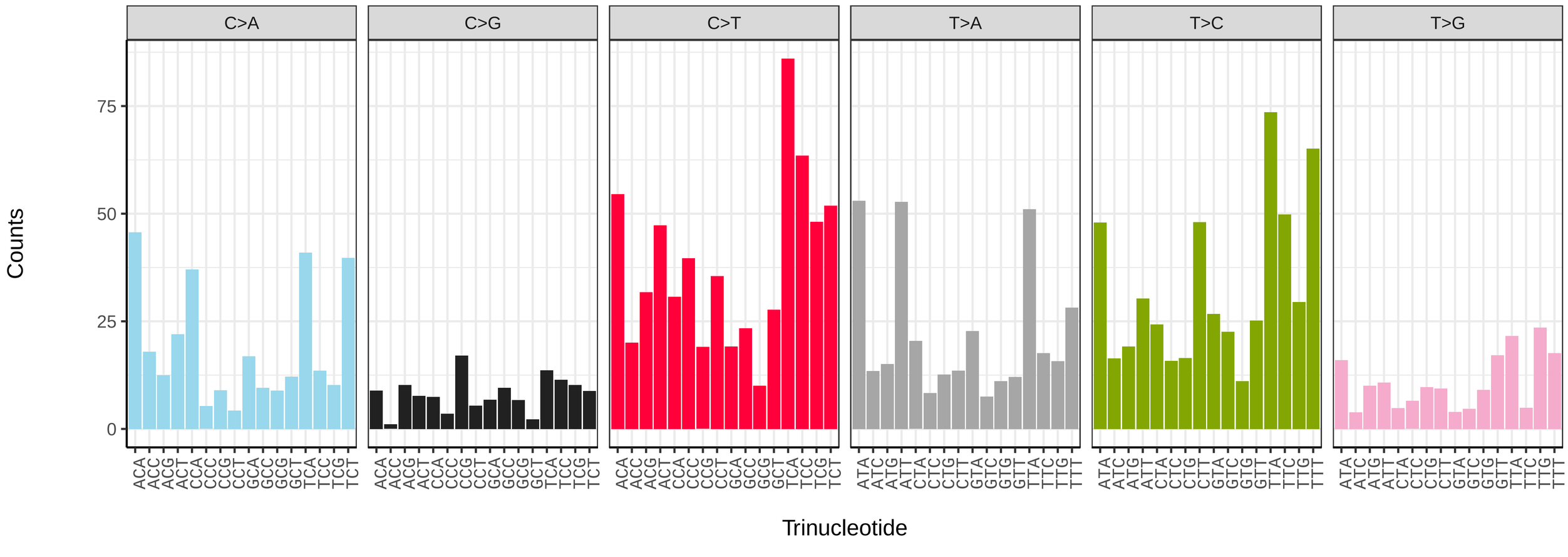
Adalia bipunctata (icAdaBipu1.icAdaBipu31) somatic mutational spectrum (SBS52 classification)



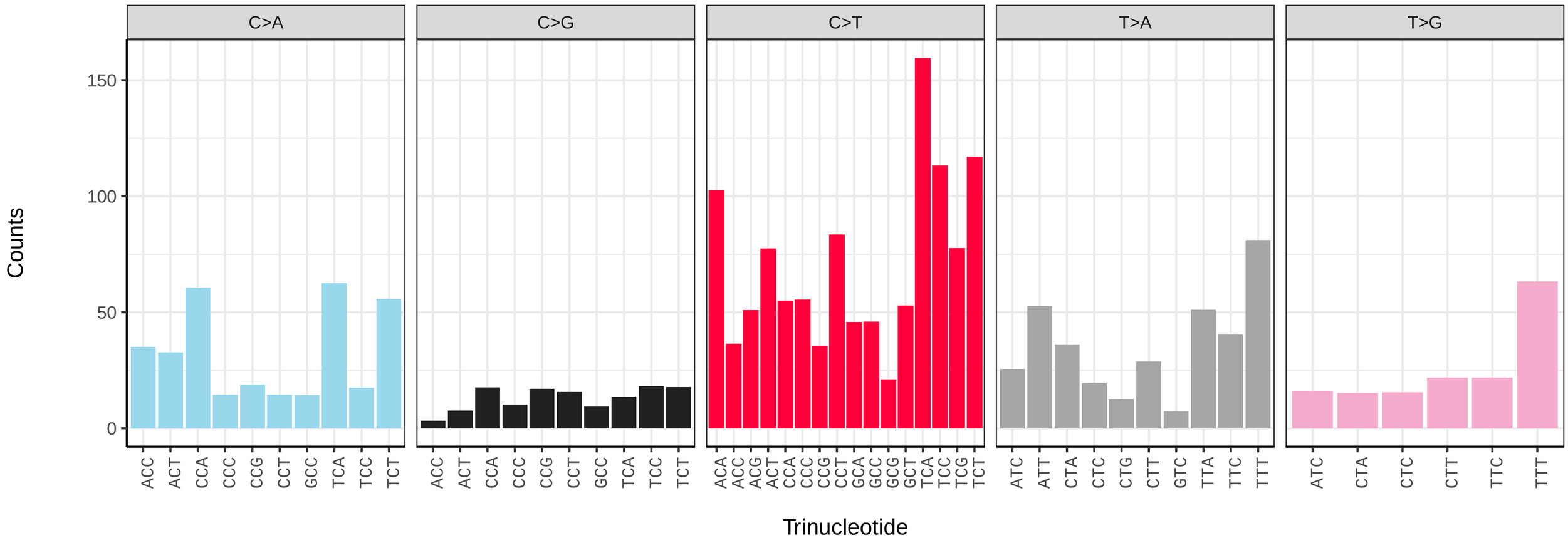
Adalia bipunctata (icAdaBipu1.icAdaBipu32) germline mutational spectrum



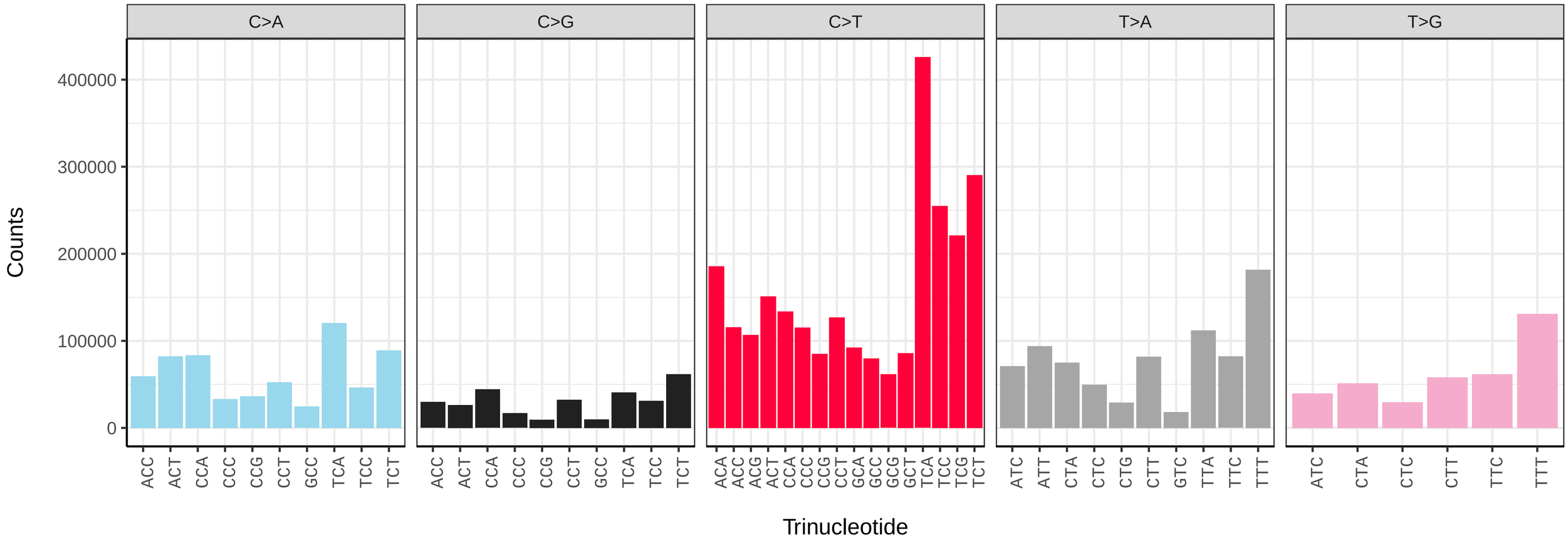
Adalia bipunctata (icAdaBipu1.icAdaBipu32) somatic mutational spectrum (SBS96 classification)



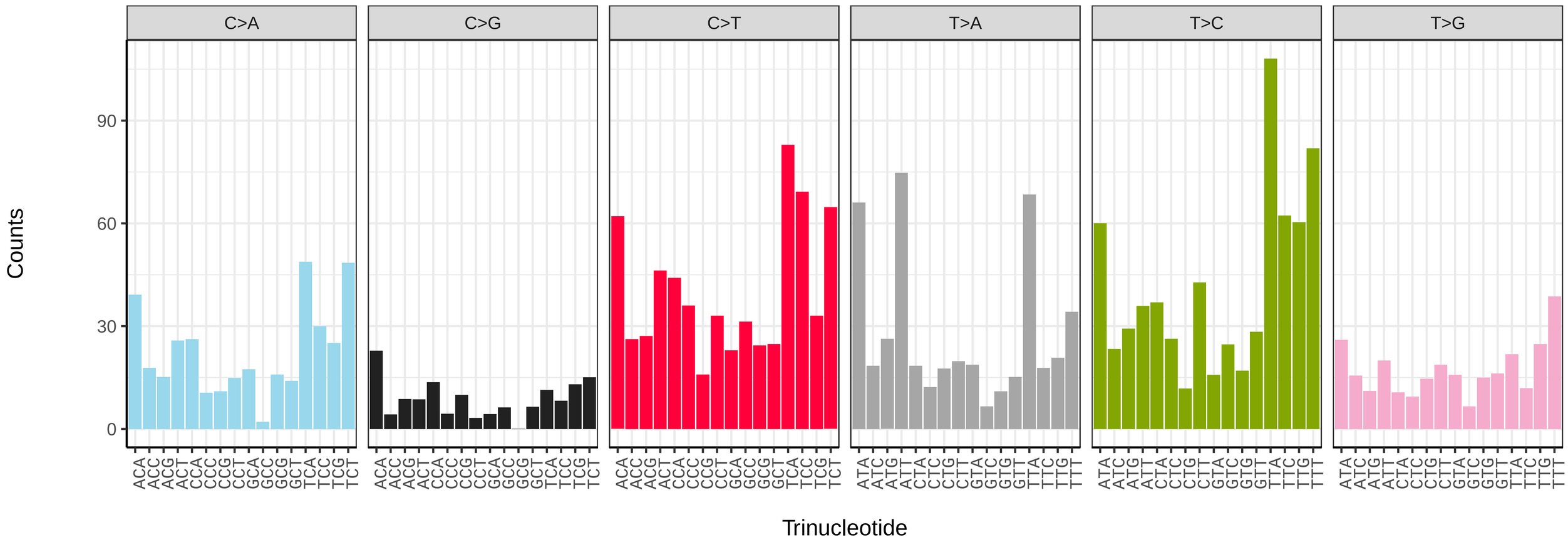
Adalia bipunctata (icAdaBipu1.icAdaBipu32) somatic mutational spectrum (SBS52 classification)



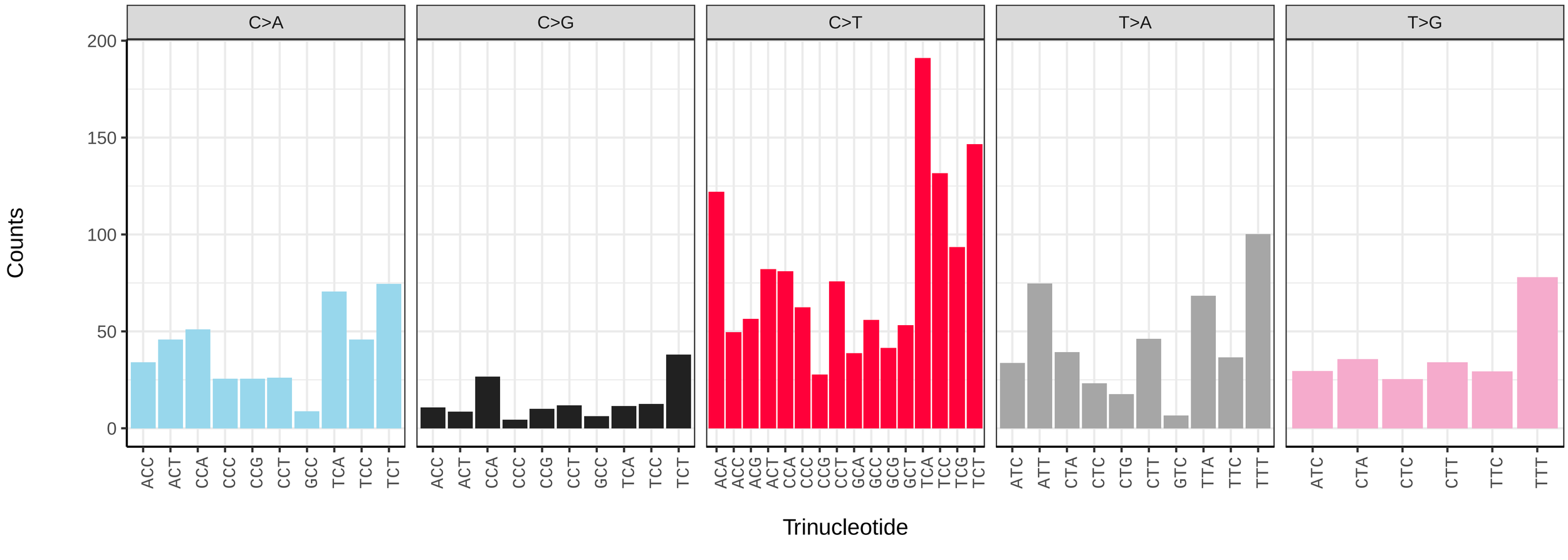
Adalia bipunctata (icAdaBipu1.icAdaBipu33) germline mutational spectrum



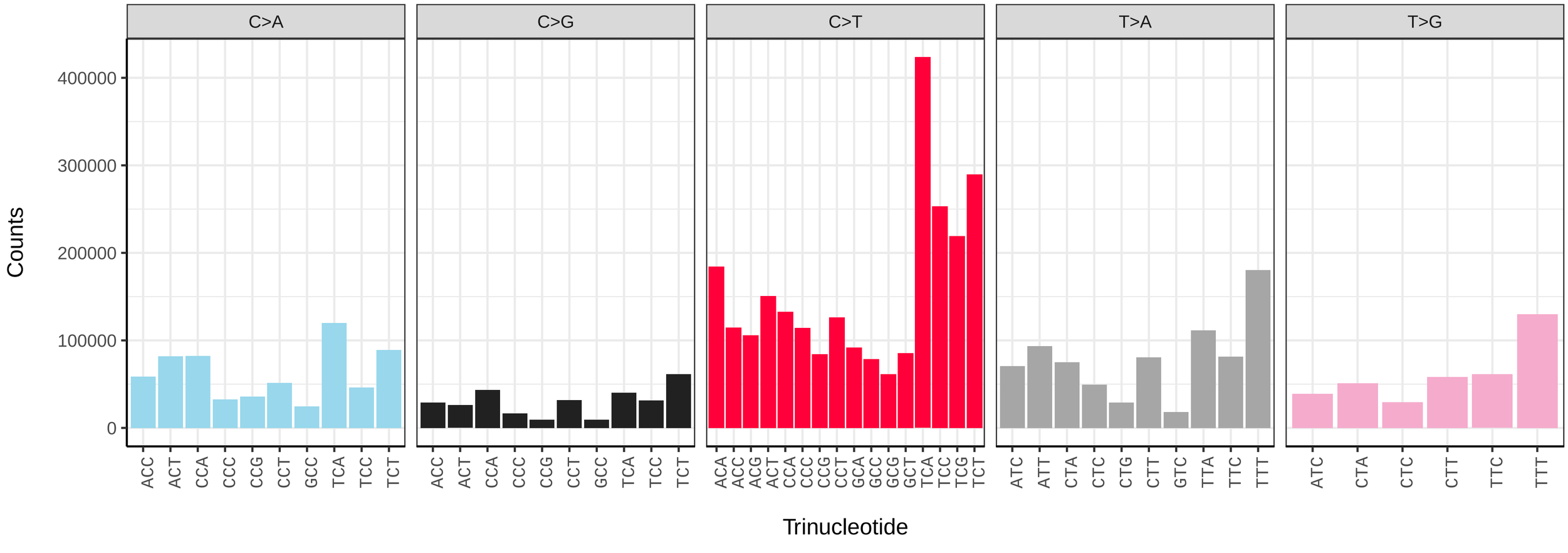
Adalia bipunctata (icAdaBipu1.icAdaBipu33) somatic mutational spectrum (SBS96 classification)



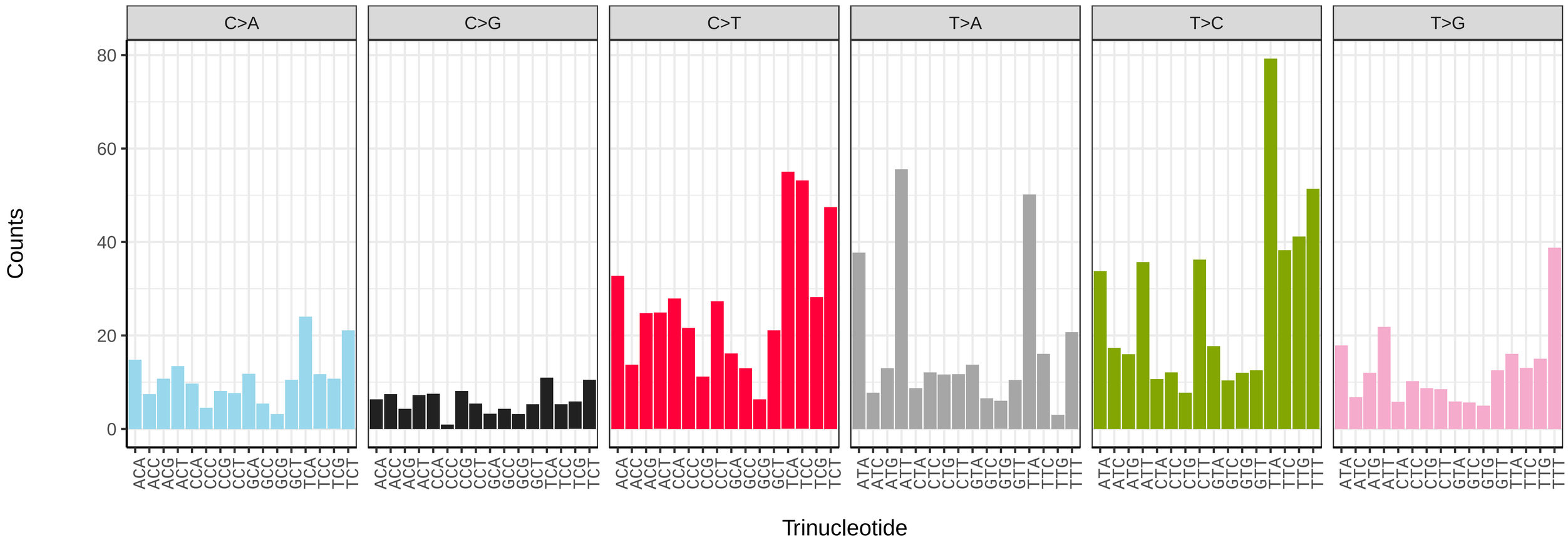
Adalia bipunctata (icAdaBipu1.icAdaBipu33) somatic mutational spectrum (SBS52 classification)



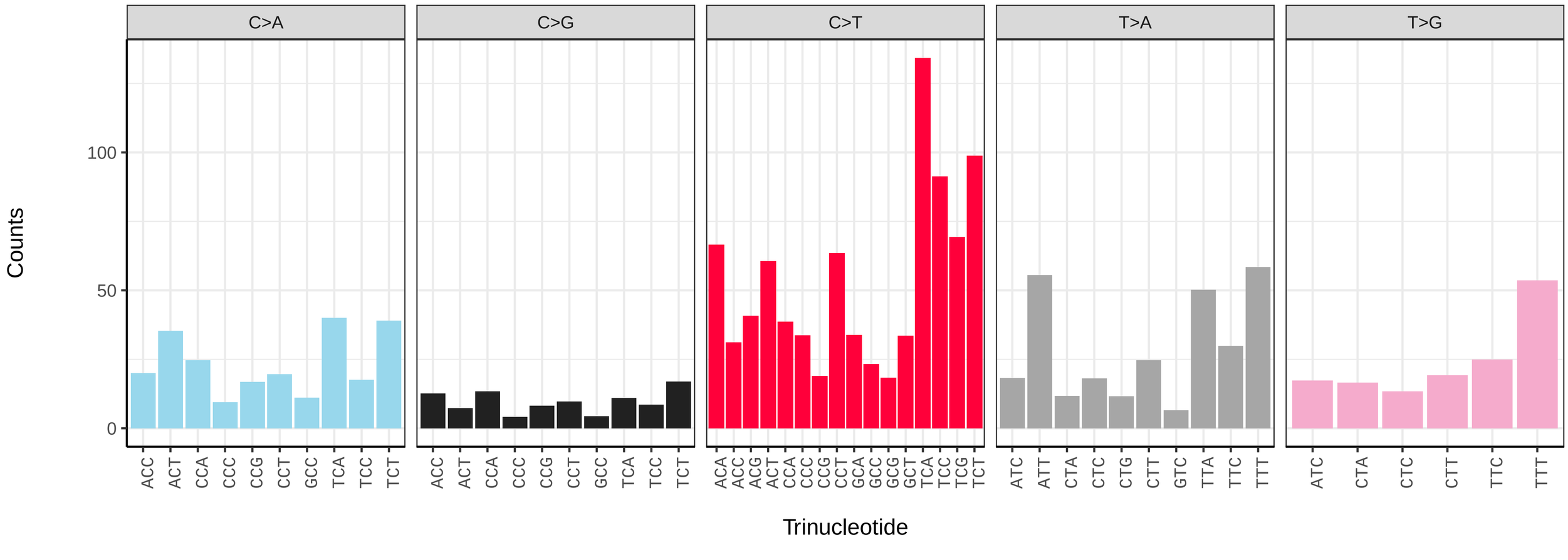
Adalia bipunctata (icAdaBipu1.icAdaBipu34) germline mutational spectrum



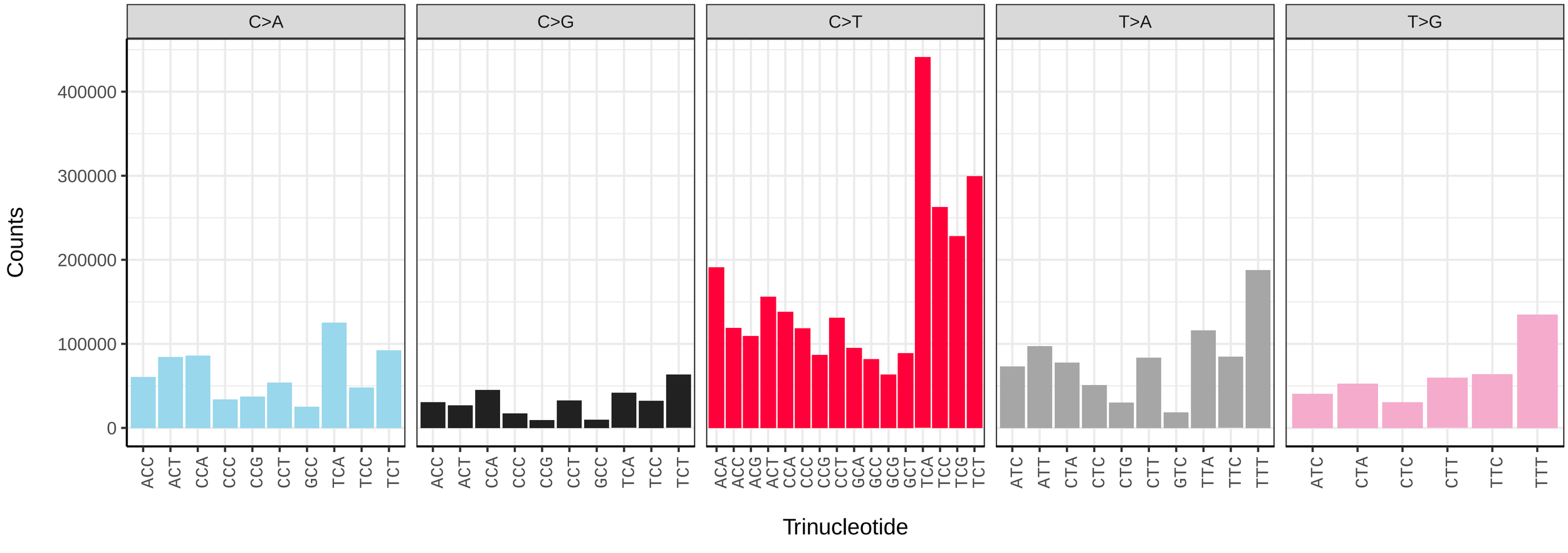
Adalia bipunctata (icAdaBipu1.icAdaBipu34) somatic mutational spectrum (SBS96 classification)



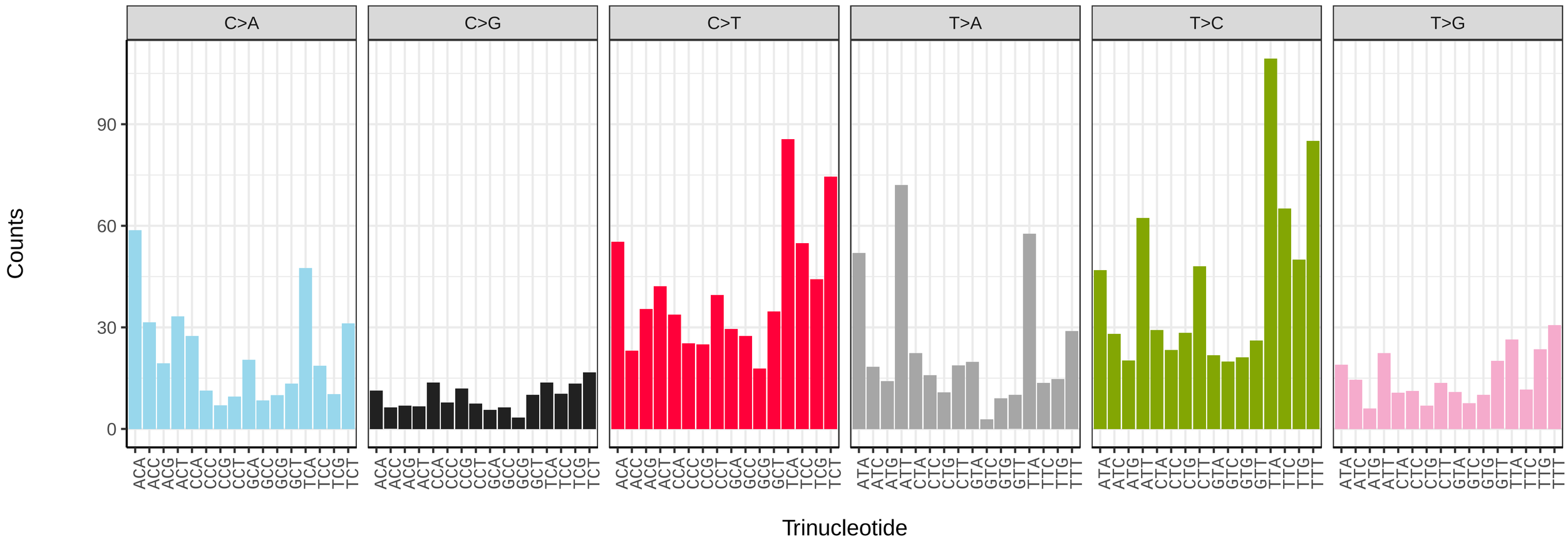
Adalia bipunctata (icAdaBipu1.icAdaBipu34) somatic mutational spectrum (SBS52 classification)



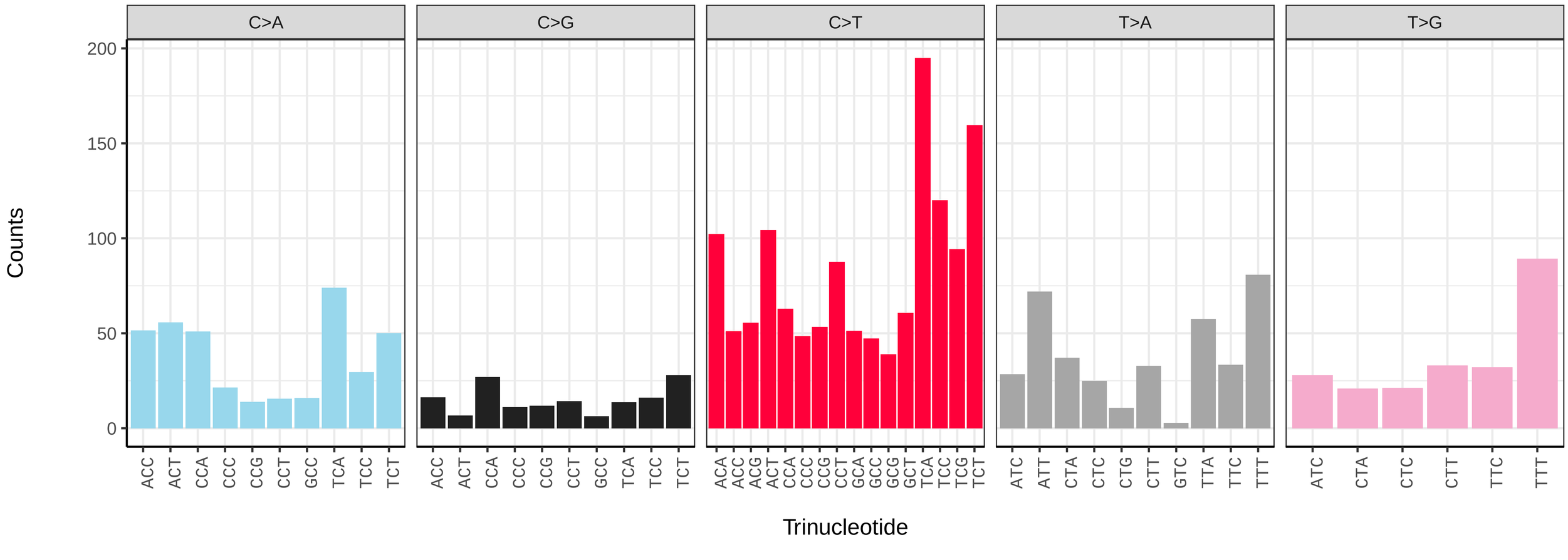
Adalia bipunctata (icAdaBipu1.icAdaBipu36) germline mutational spectrum



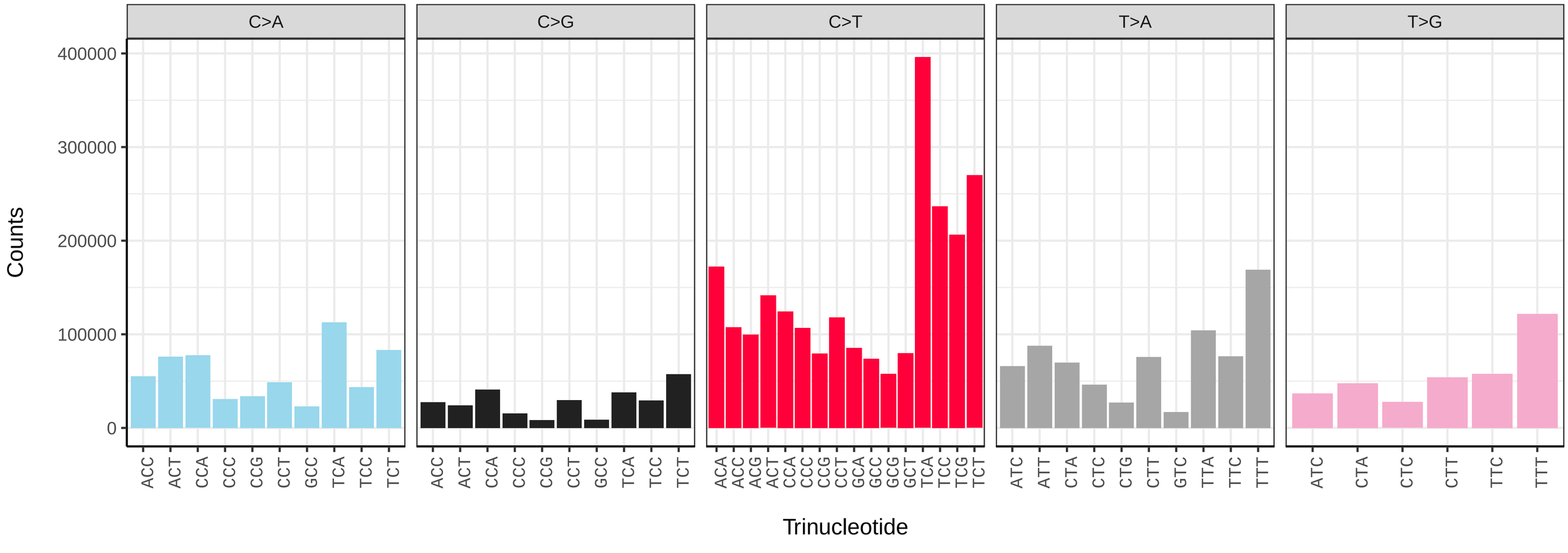
Adalia bipunctata (icAdaBipu1.icAdaBipu36) somatic mutational spectrum (SBS96 classification)



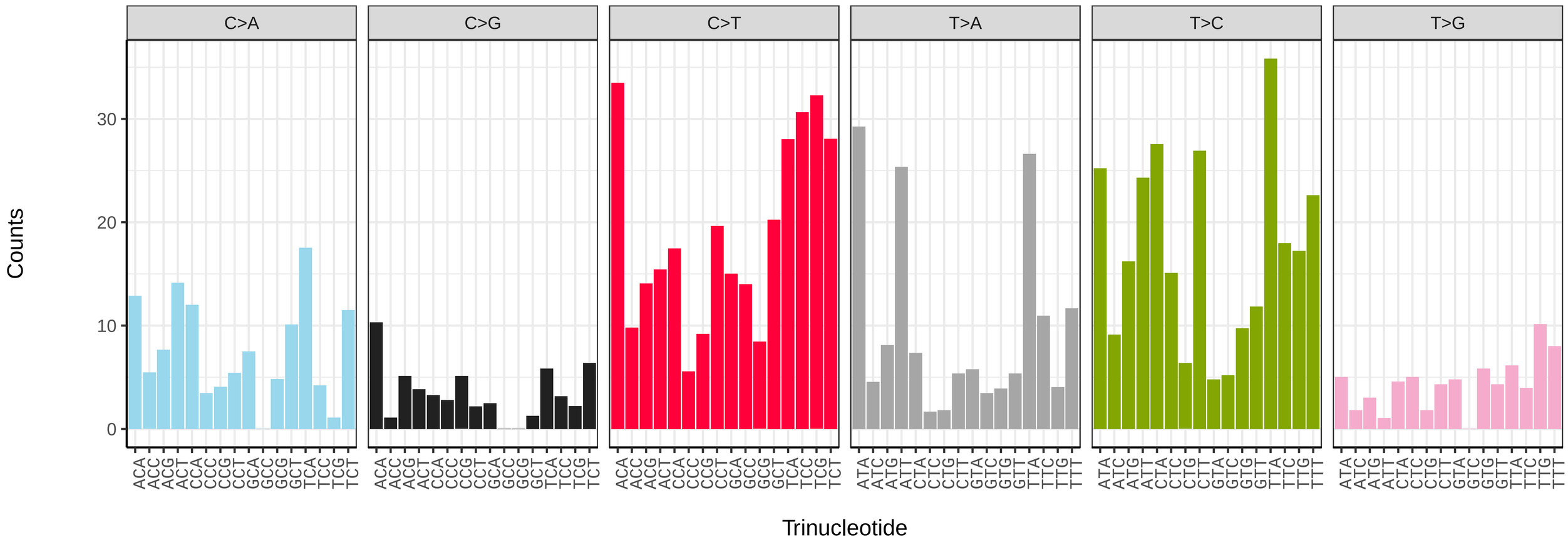
Adalia bipunctata (icAdaBipu1.icAdaBipu36) somatic mutational spectrum (SBS52 classification)



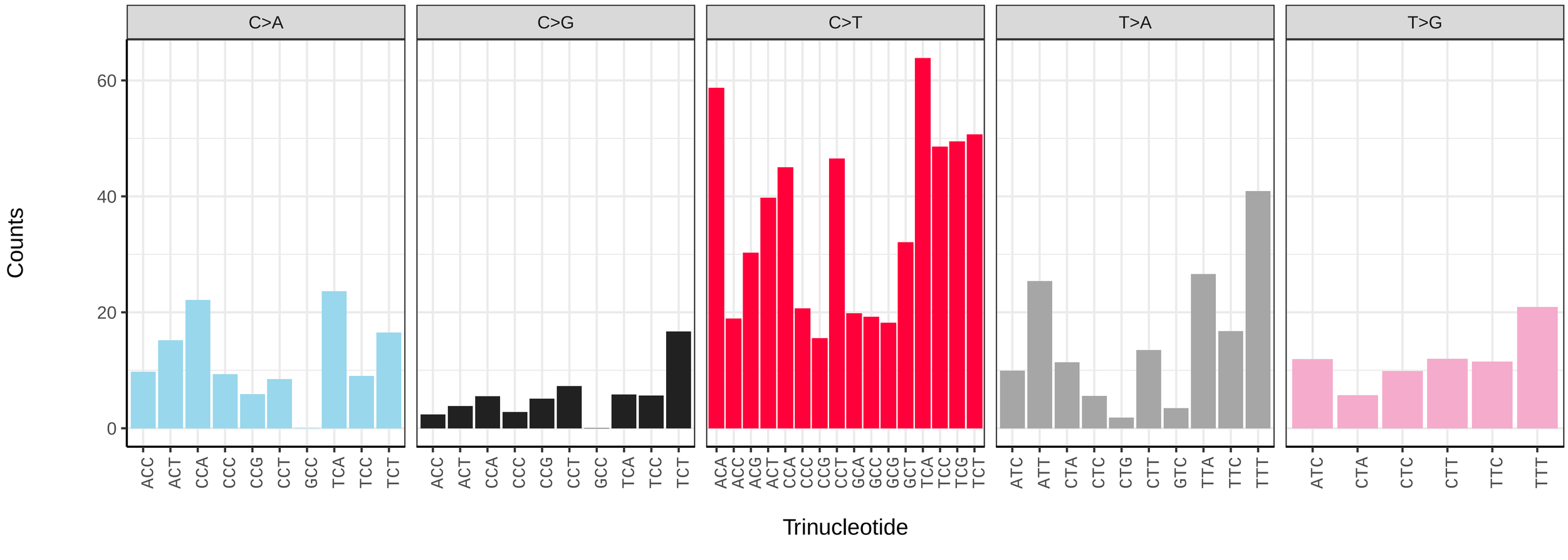
Adalia bipunctata (icAdaBipu1.icAdaBipu6) germline mutational spectrum



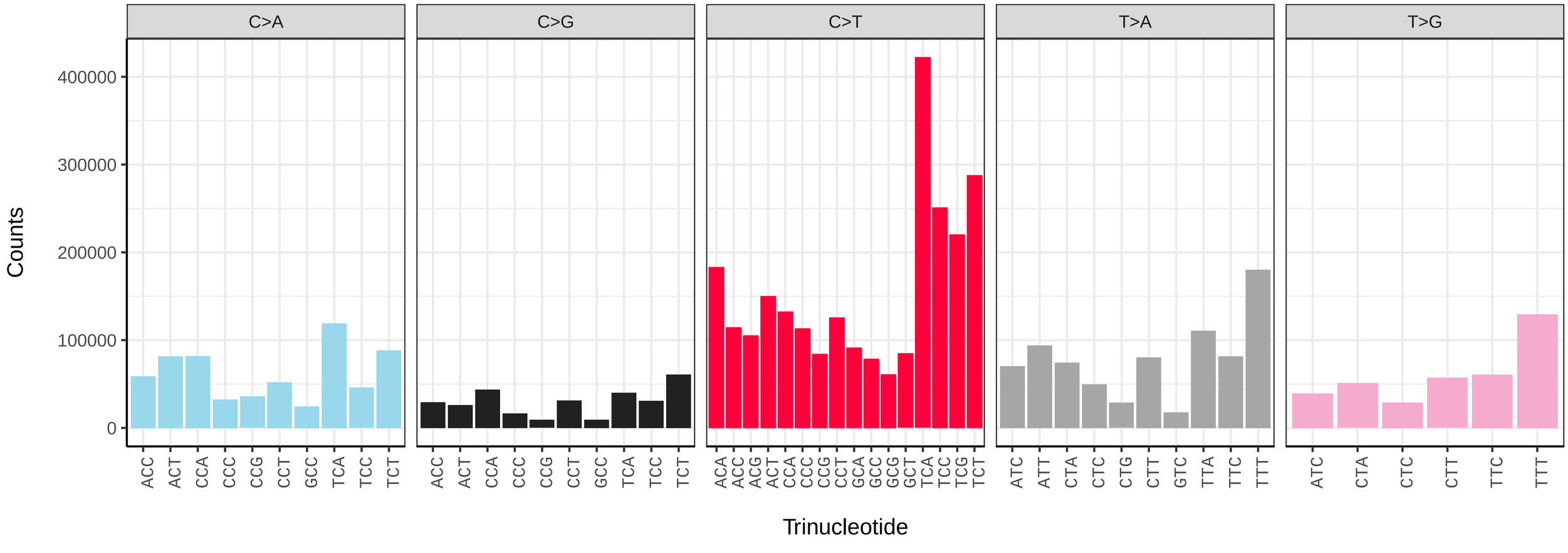
Adalia bipunctata (icAdaBipu1.icAdaBipu6) somatic mutational spectrum (SBS96 classification)



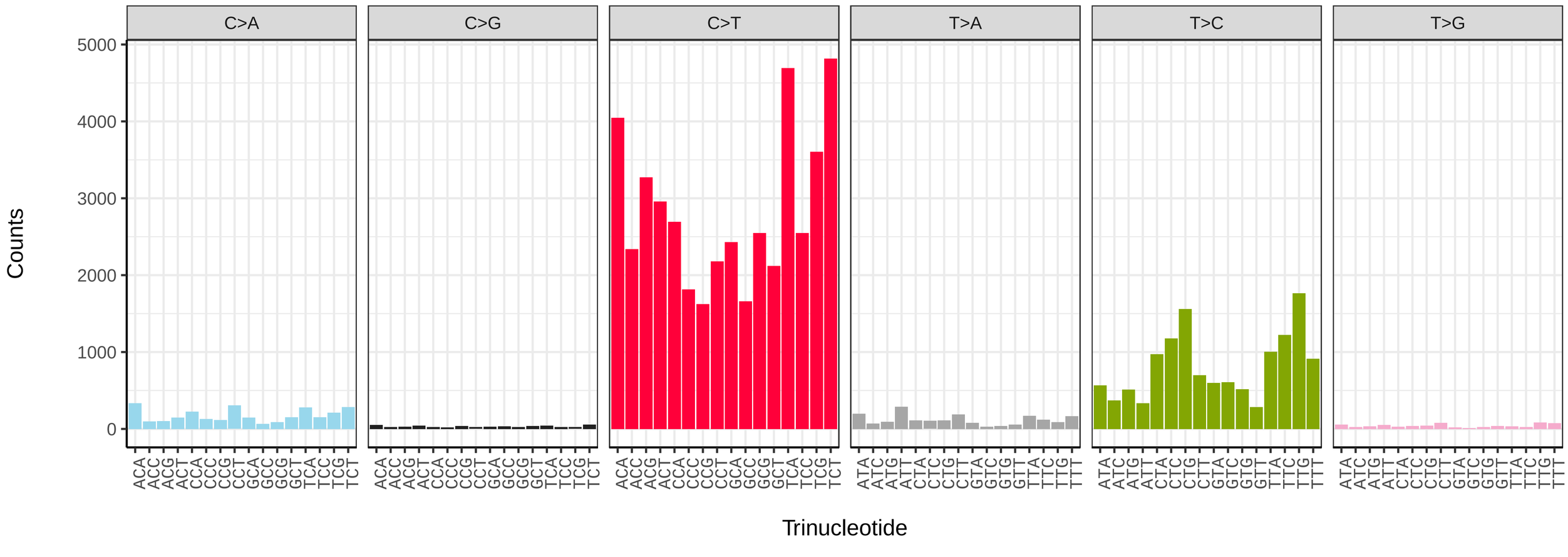
Adalia bipunctata (icAdaBipu1.icAdaBipu6) somatic mutational spectrum (SBS52 classification)



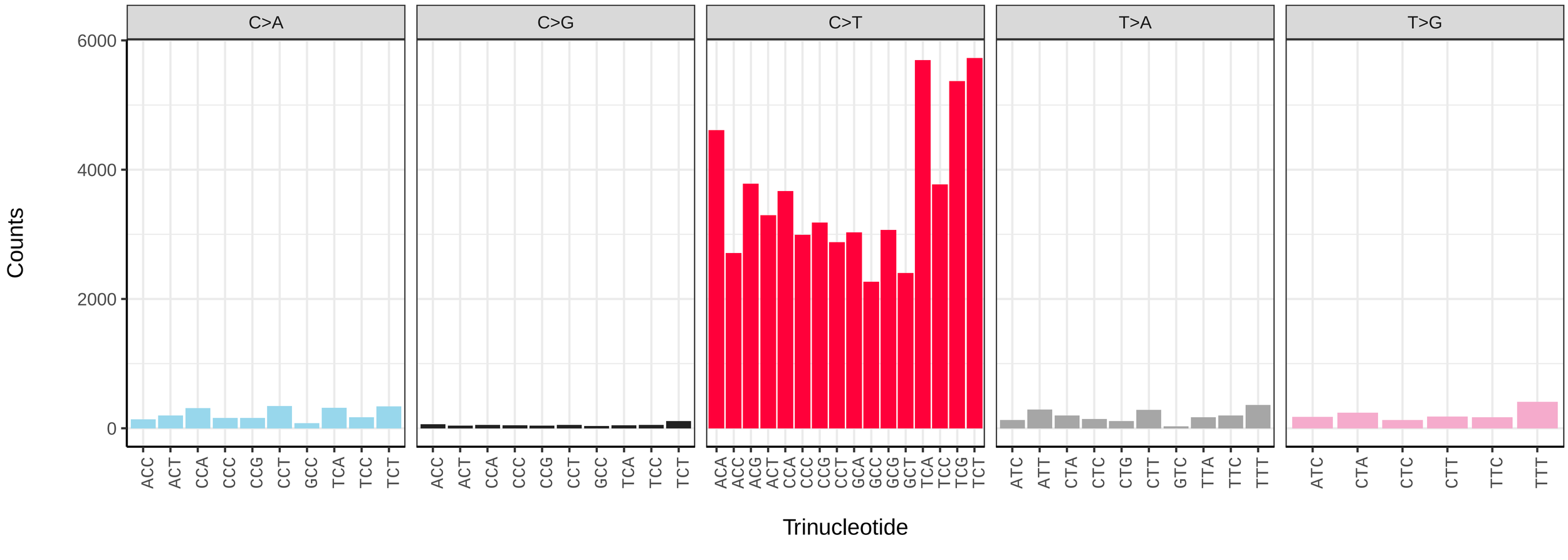
Adalia bipunctata (icAdaBipu1.icAdaBipu9) germline mutational spectrum

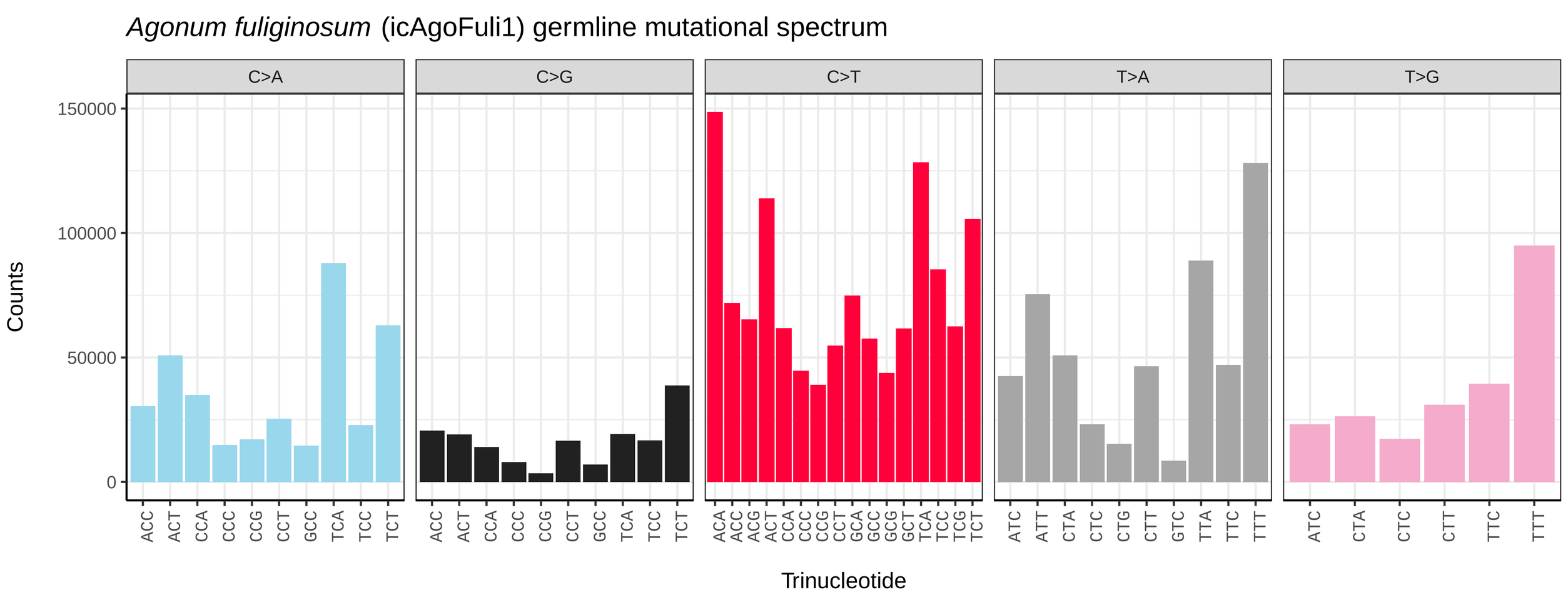


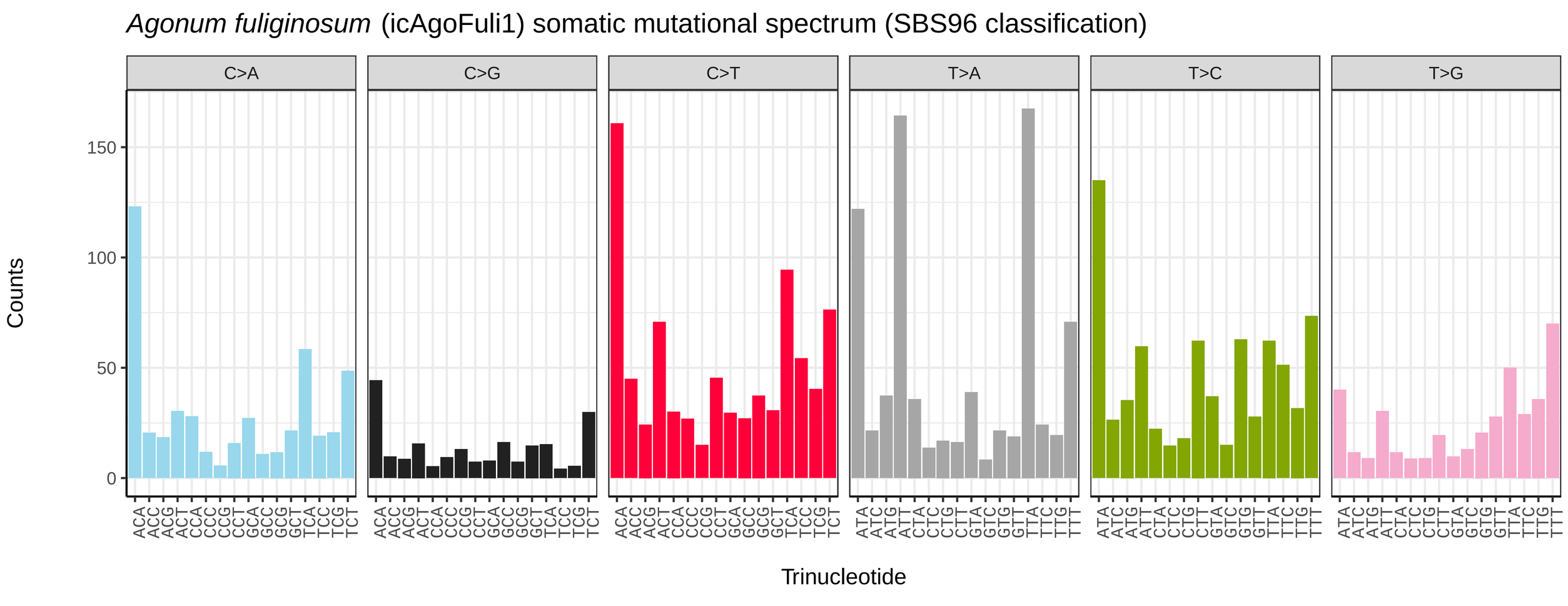
Adalia bipunctata (icAdaBipu1.icAdaBipu9) somatic mutational spectrum (SBS96 classification)



Adalia bipunctata (icAdaBipu1.icAdaBipu9) somatic mutational spectrum (SBS52 classification)




Agonum fuliginosum (icAgoFuli1) germline mutational spectrum
C>A
C>G
C>T
T>A
T>G
Counts
150000
100000
50000
0
ACC ACT CCA CCC CCG CCT GCC TCA TCC TCT
ACC ACT CCA CCC CCG CCT GCC TCA TCC TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATC ATT CTA CTC CTG CTT GTC TTA TTC TTT
ATC CTA CTC CTT TTC TTT
Trinucleotide


Agonum fuliginosum (icAgoFuli1) somatic mutational spectrum (SBS96 classification)
C>A
C>G
C>T
T>A
T>C
T>G
Counts
150
100
50
0
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
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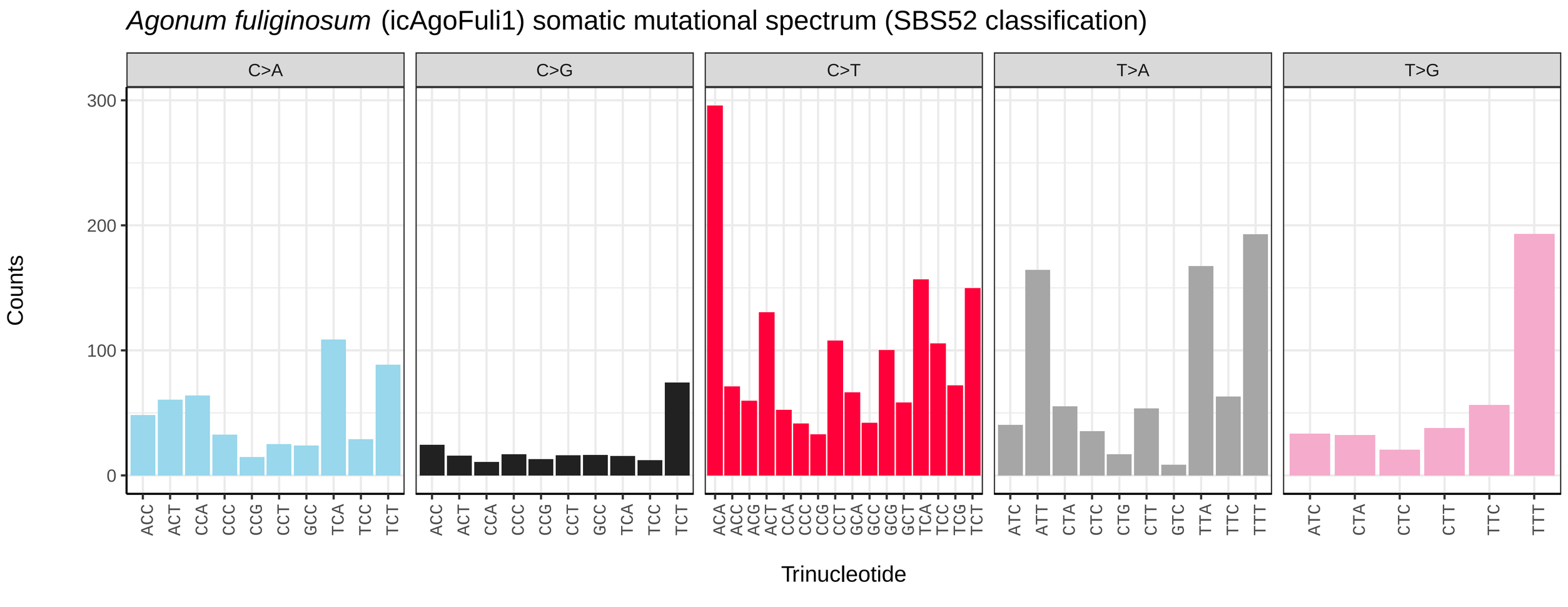
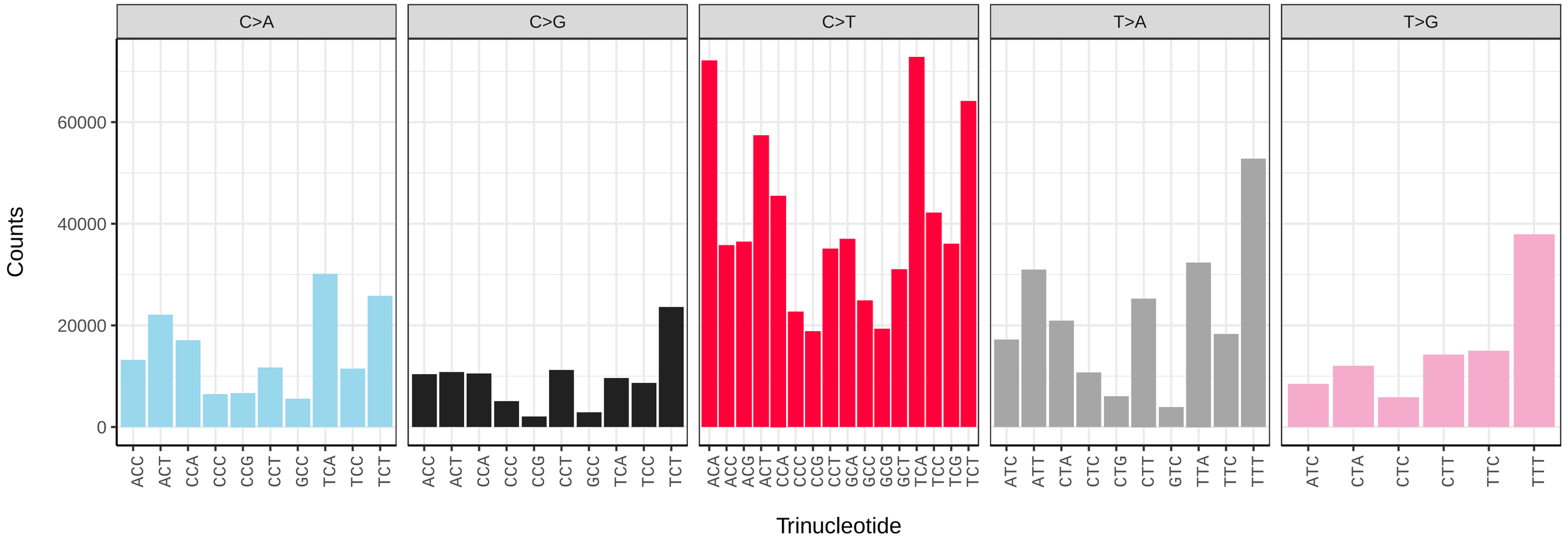
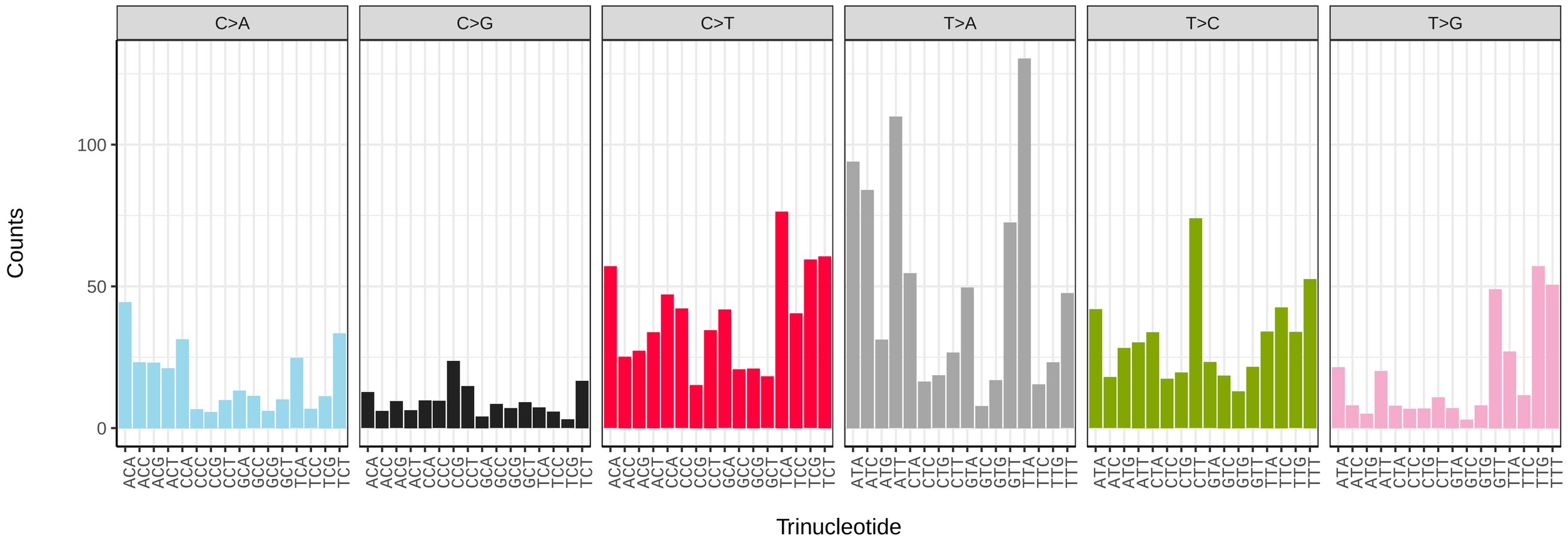
Trinucleotide


Agonum fuliginosum (icAgoFuli1) somatic mutational spectrum (SBS52 classification)
C>A
C>G
C>T
T>A
T>G
Counts
300
200
100
0
ACC ACT CCA CCC CCG CCT GCC TCA TCC TCT
ACC ACT CCA CCC CCG CCT GCC TCA TCC TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATC ATT CTA CTC CTG CTT GTC TTA TTC TTT
ATC CTA CTC CTT TTC TTT
Trinucleotide

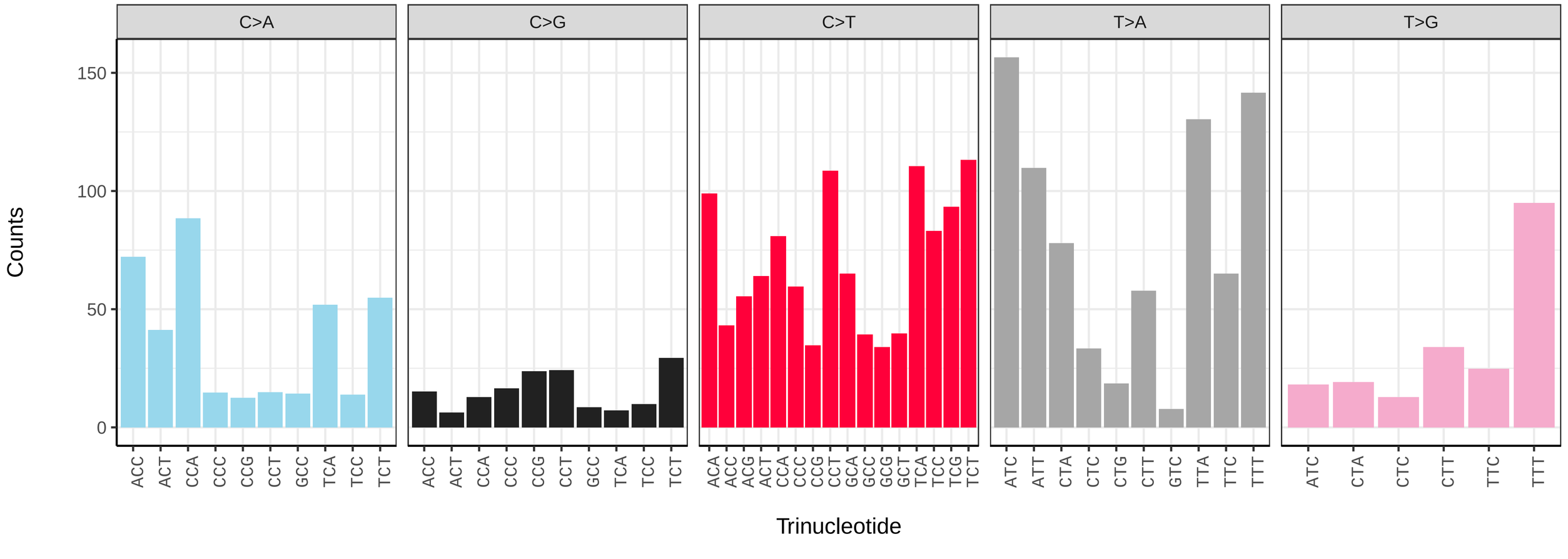
Agrilus cyanescens (icAgrCyan1) germline mutational spectrum



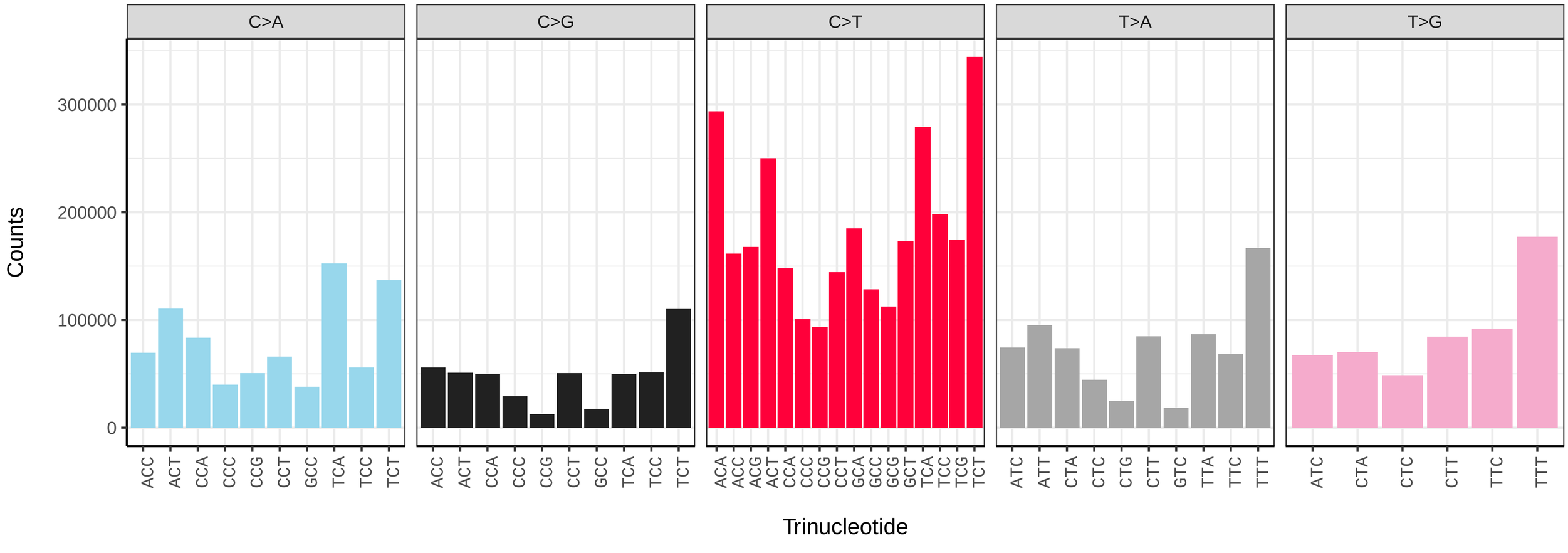
Agrilus cyanescens (icAgrCyan1) somatic mutational spectrum (SBS96 classification)



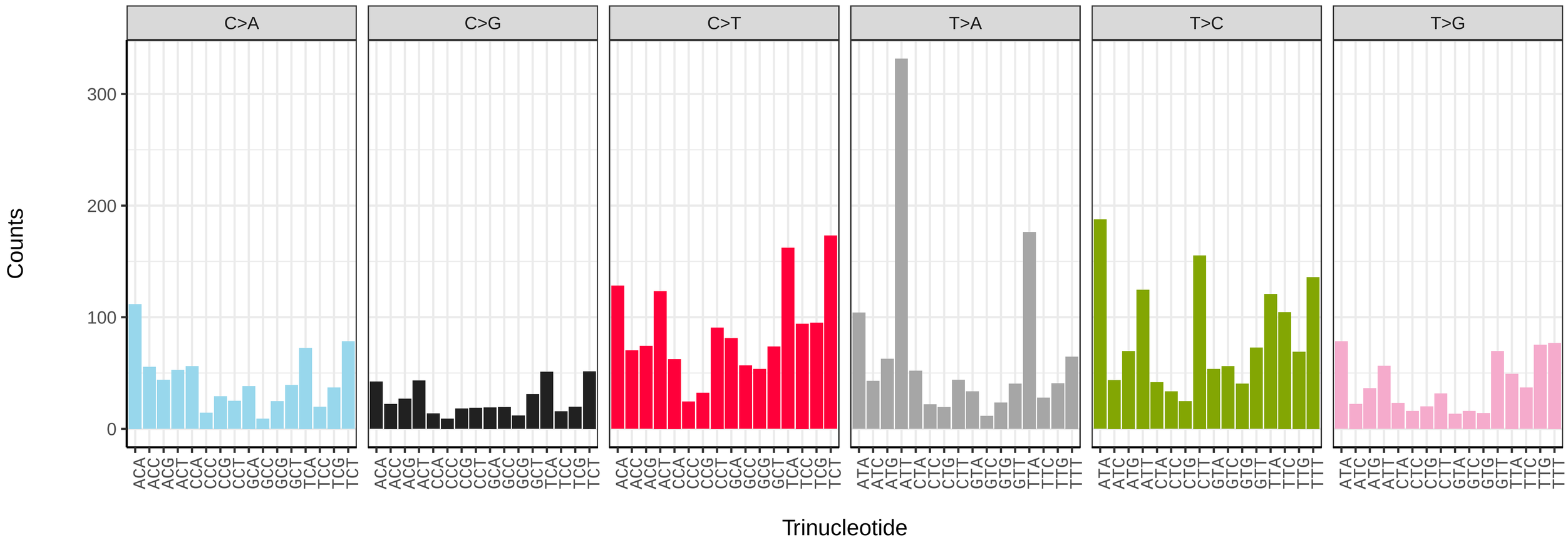
Agrilus cyanescens (icAgrCyan1) somatic mutational spectrum (SBS52 classification)



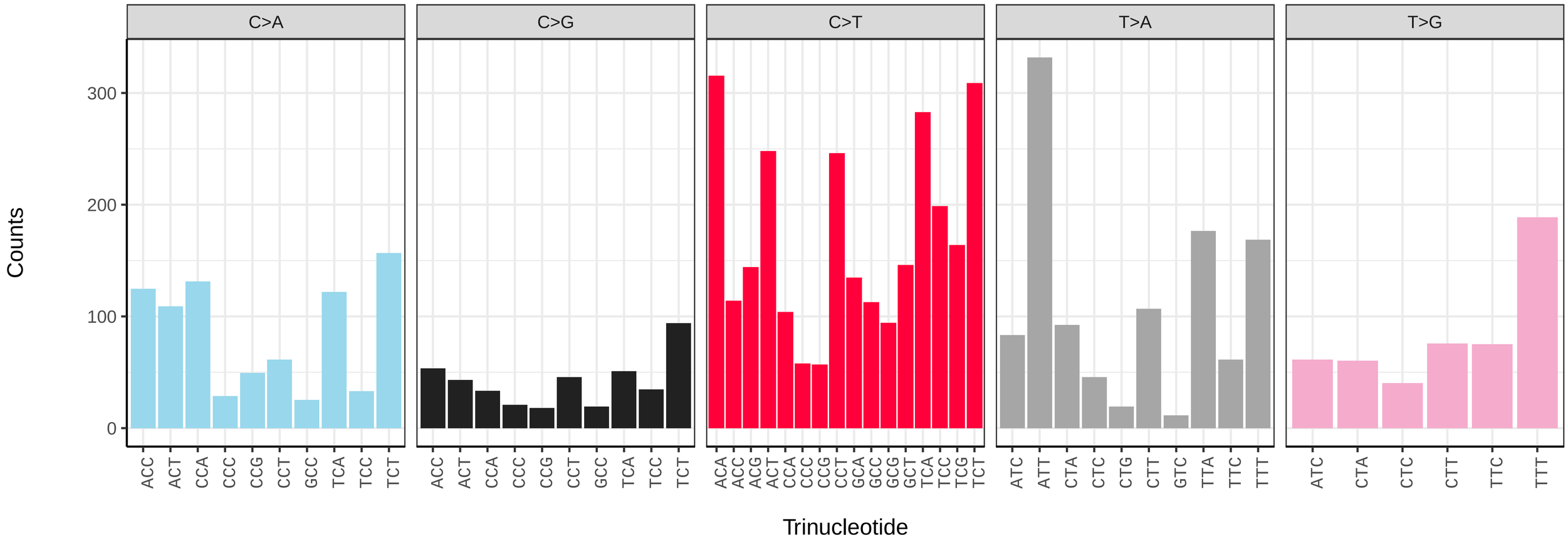
Agrypnus murinus (icAgrMuri1) germline mutational spectrum



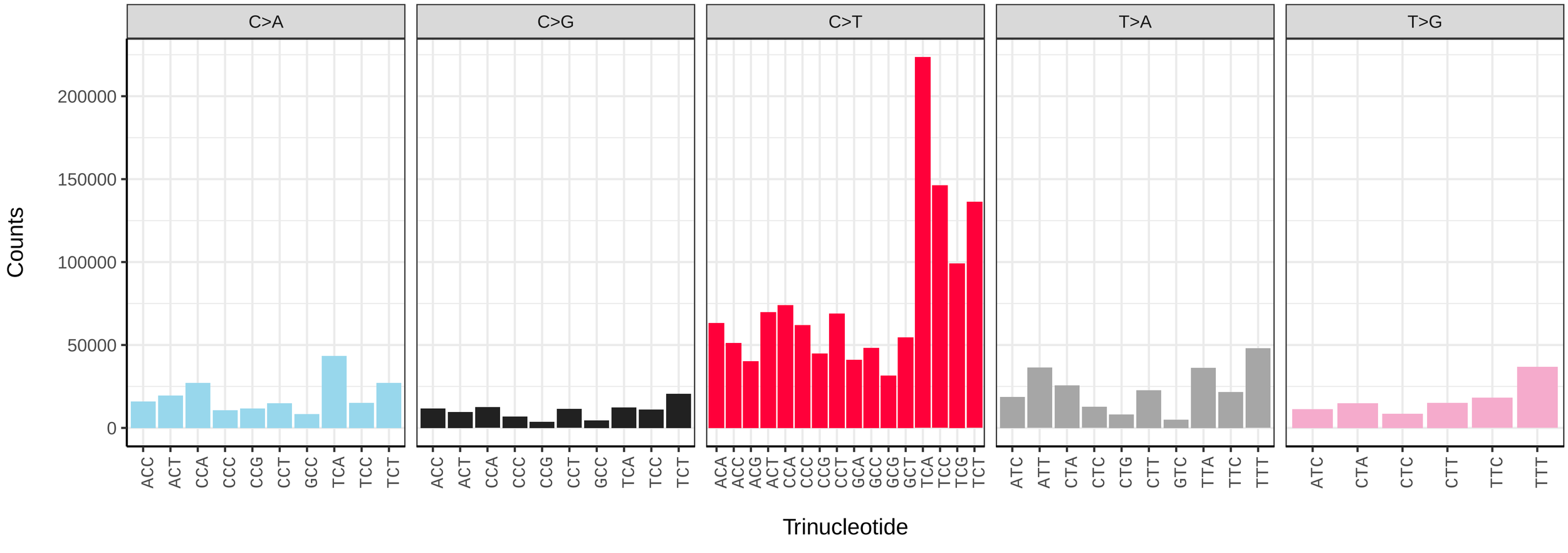
Agrypnus murinus (icAgrMuri1) somatic mutational spectrum (SBS96 classification)



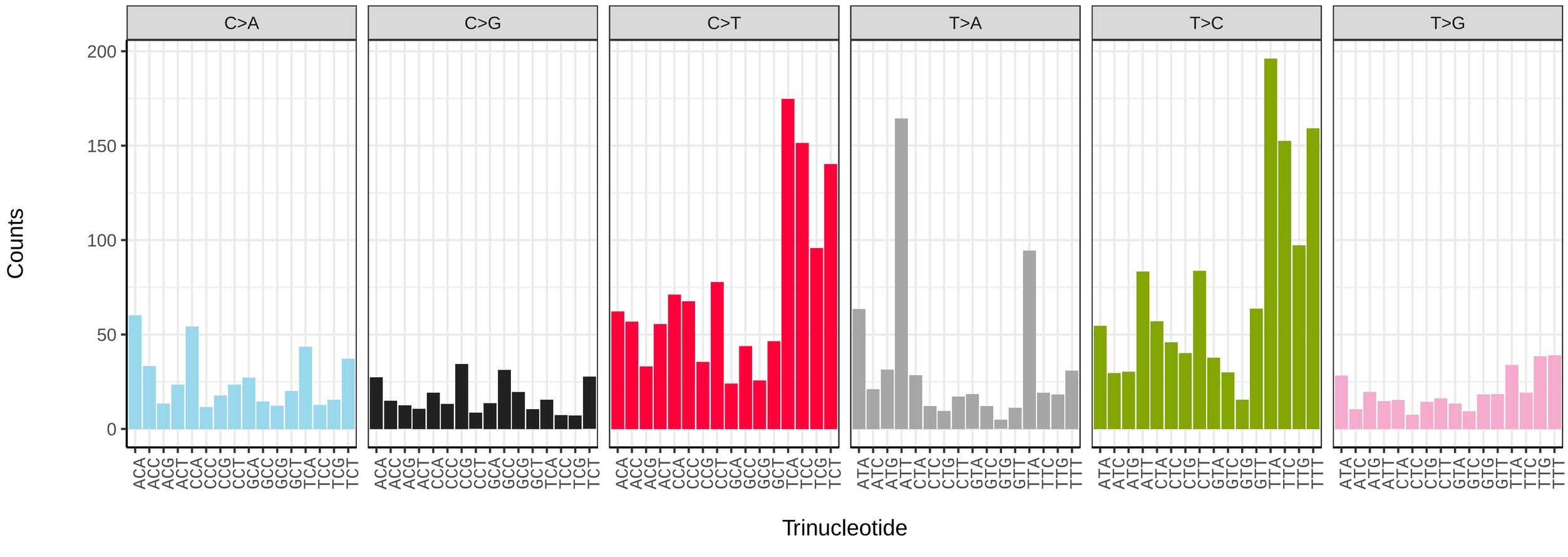
Agrypnus murinus (icAgrMuri1) somatic mutational spectrum (SBS52 classification)



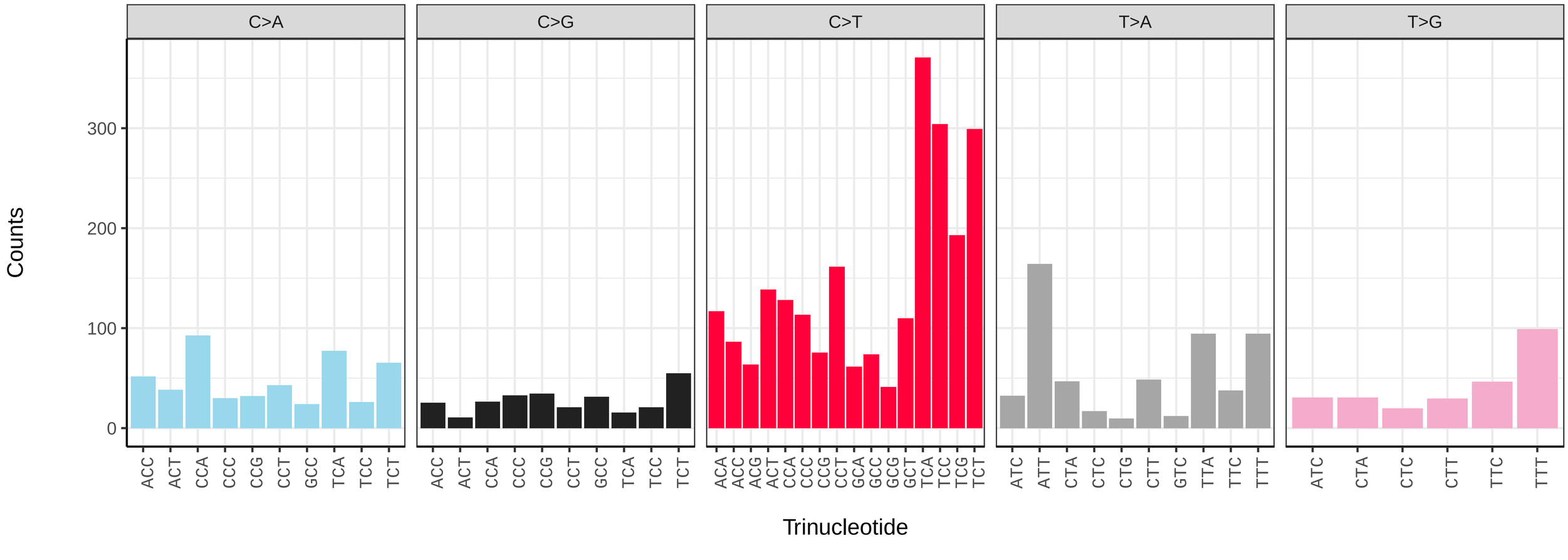
Anaspis maculata (icAnaMacu3) germline mutational spectrum



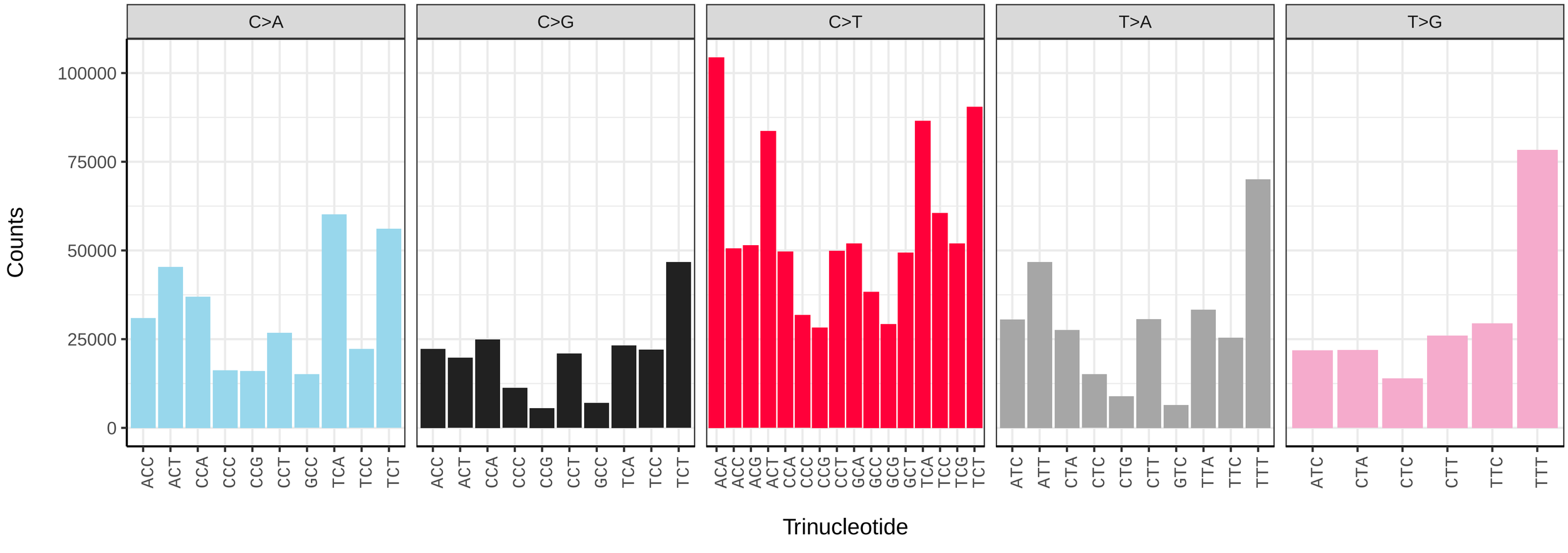
Anaspis maculata (icAnaMacu3) somatic mutational spectrum (SBS96 classification)



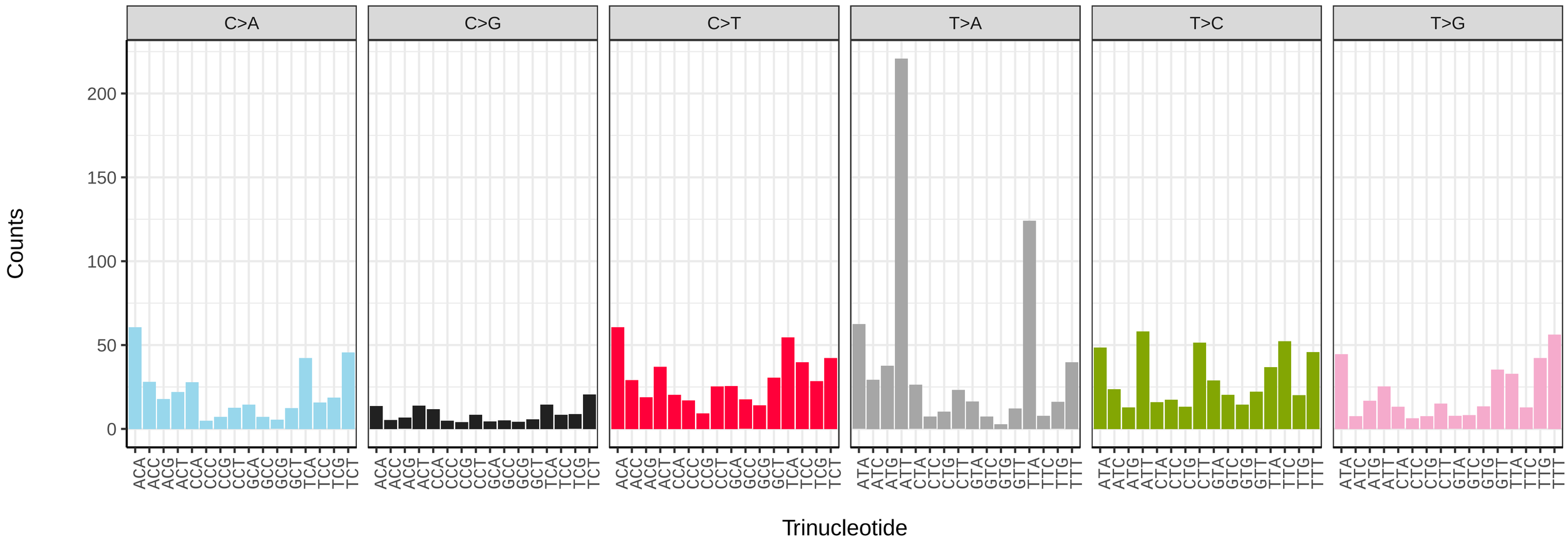
Anaspis maculata (icAnaMacu3) somatic mutational spectrum (SBS52 classification)



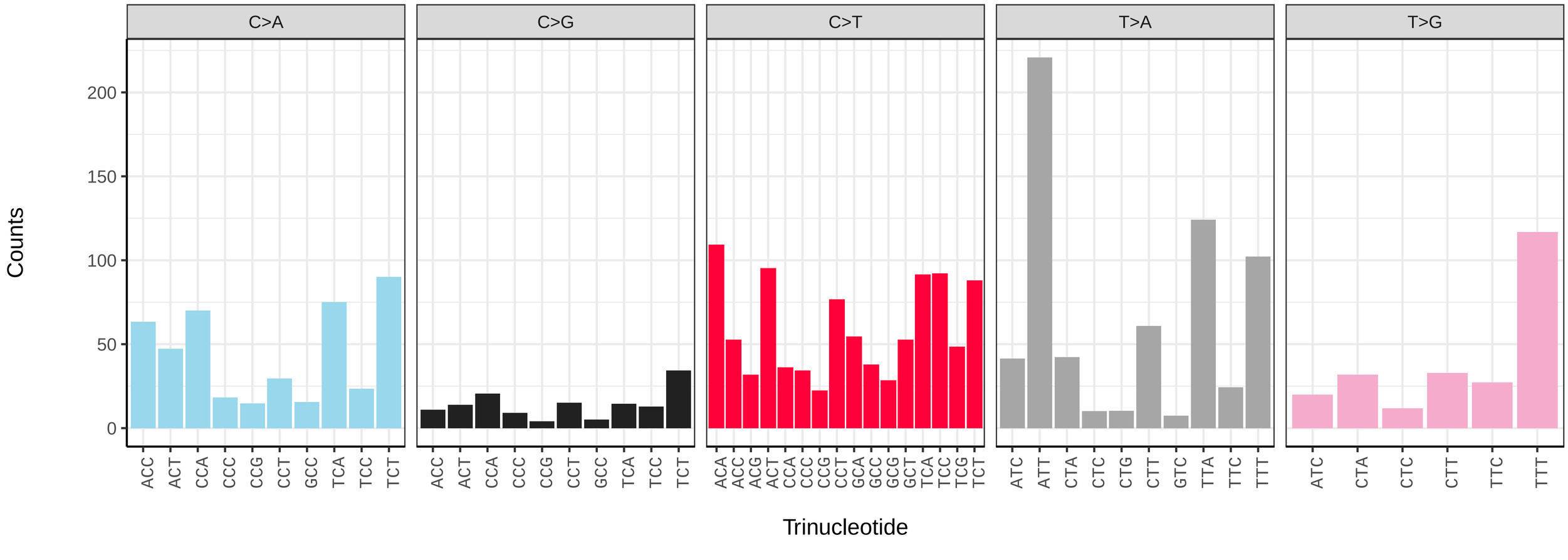
Apoderus coryli (icApoCory1) germline mutational spectrum



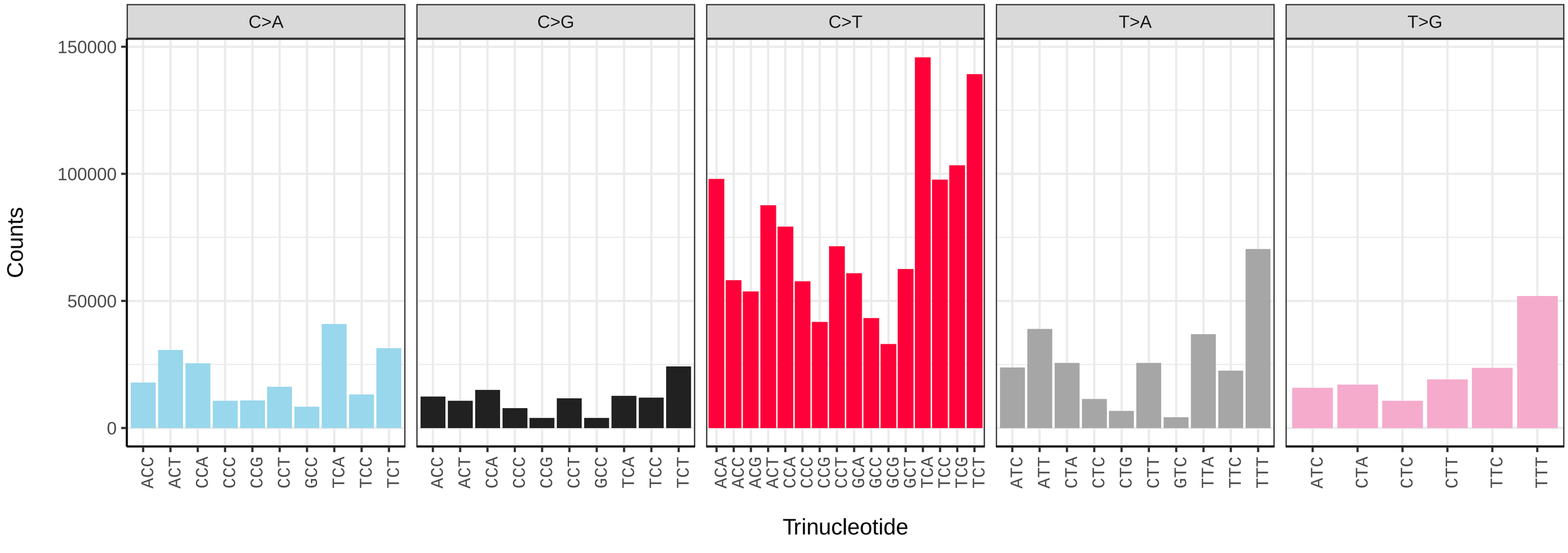
Apoderus coryli (icApoCory1) somatic mutational spectrum (SBS96 classification)



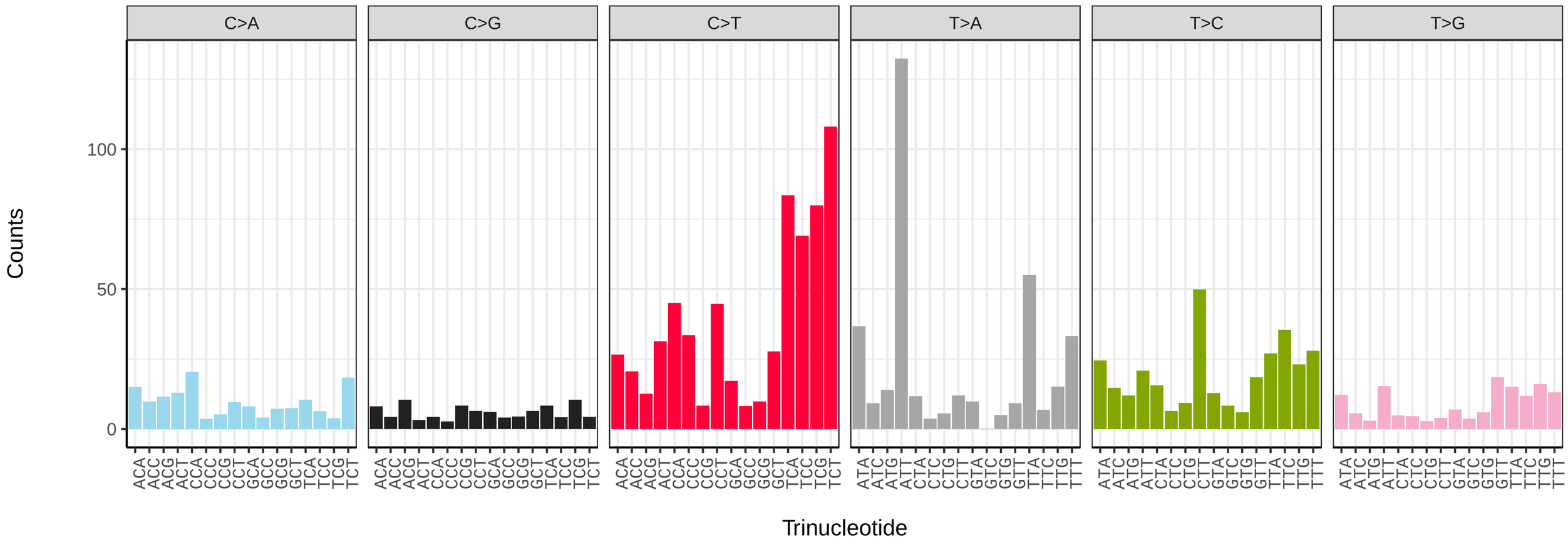
Apoderus coryli (icApoCory1) somatic mutational spectrum (SBS52 classification)



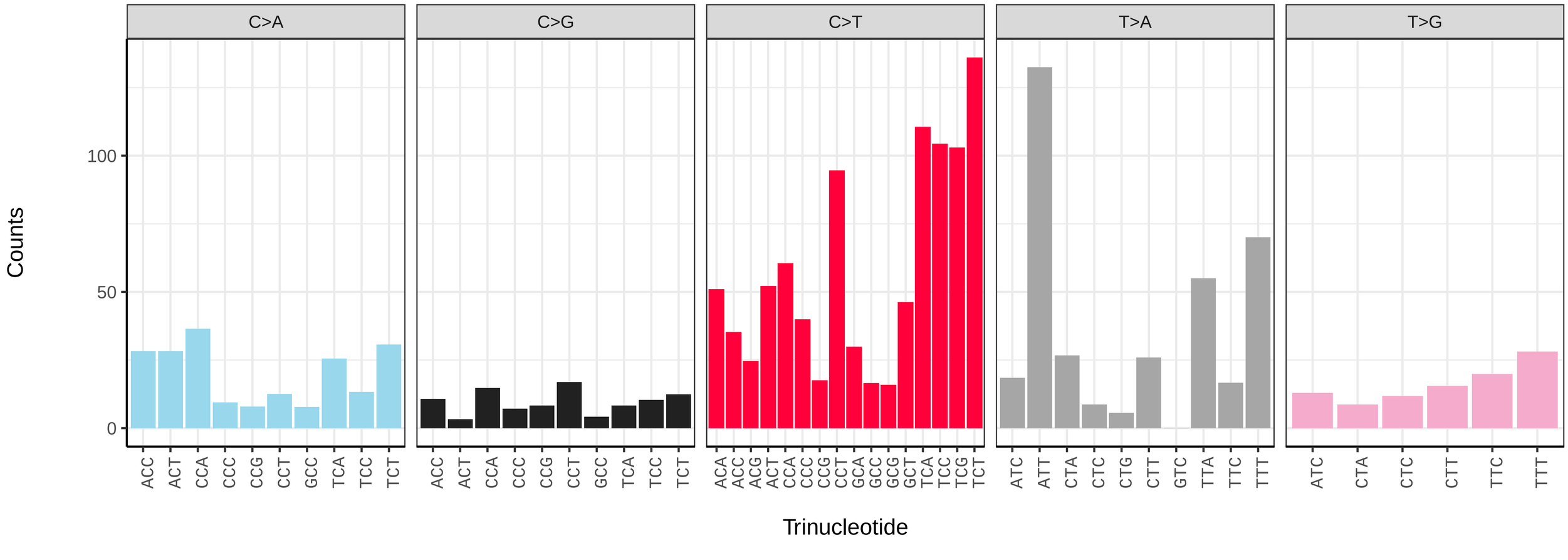
Cantharis rustica (icCanRust1) germline mutational spectrum



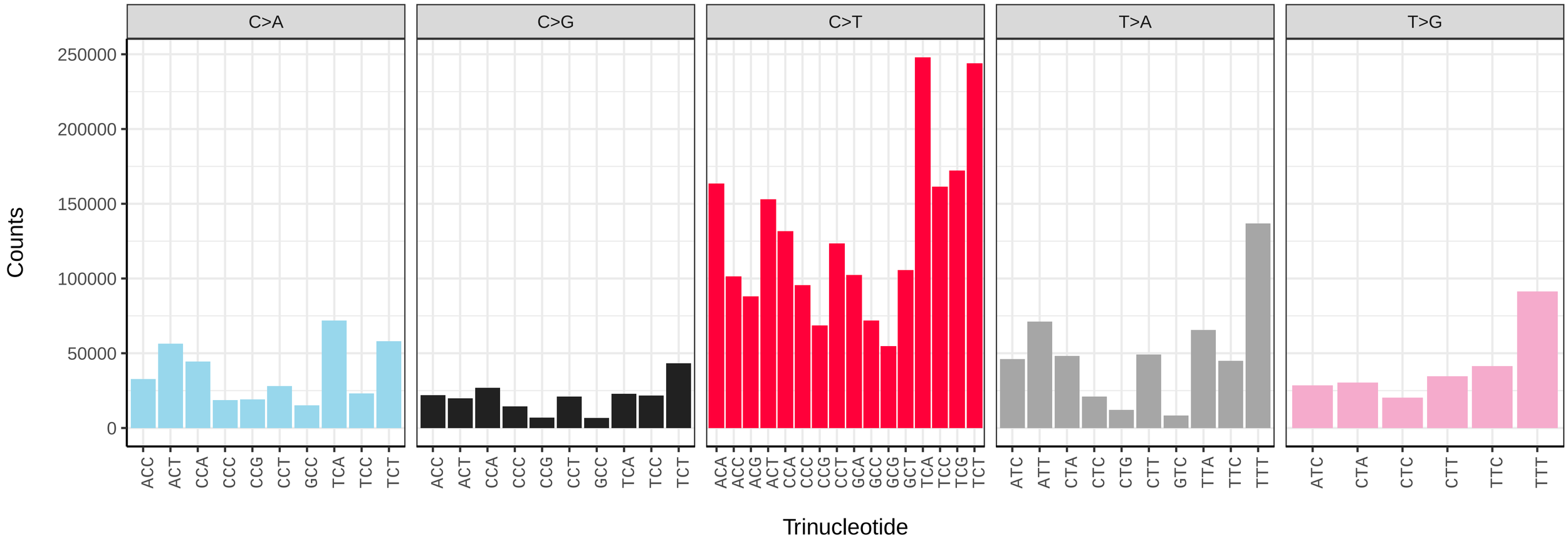
Cantharis rustica (icCanRust1) somatic mutational spectrum (SBS96 classification)



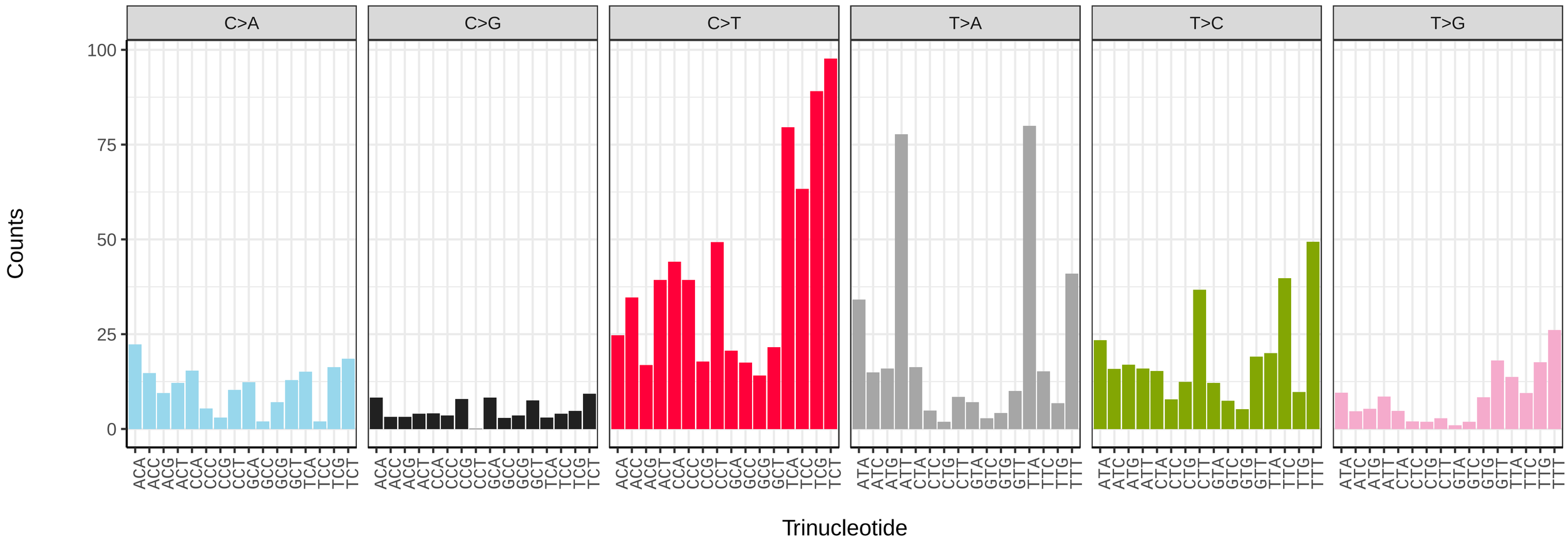
Cantharis rustica (icCanRust1) somatic mutational spectrum (SBS52 classification)



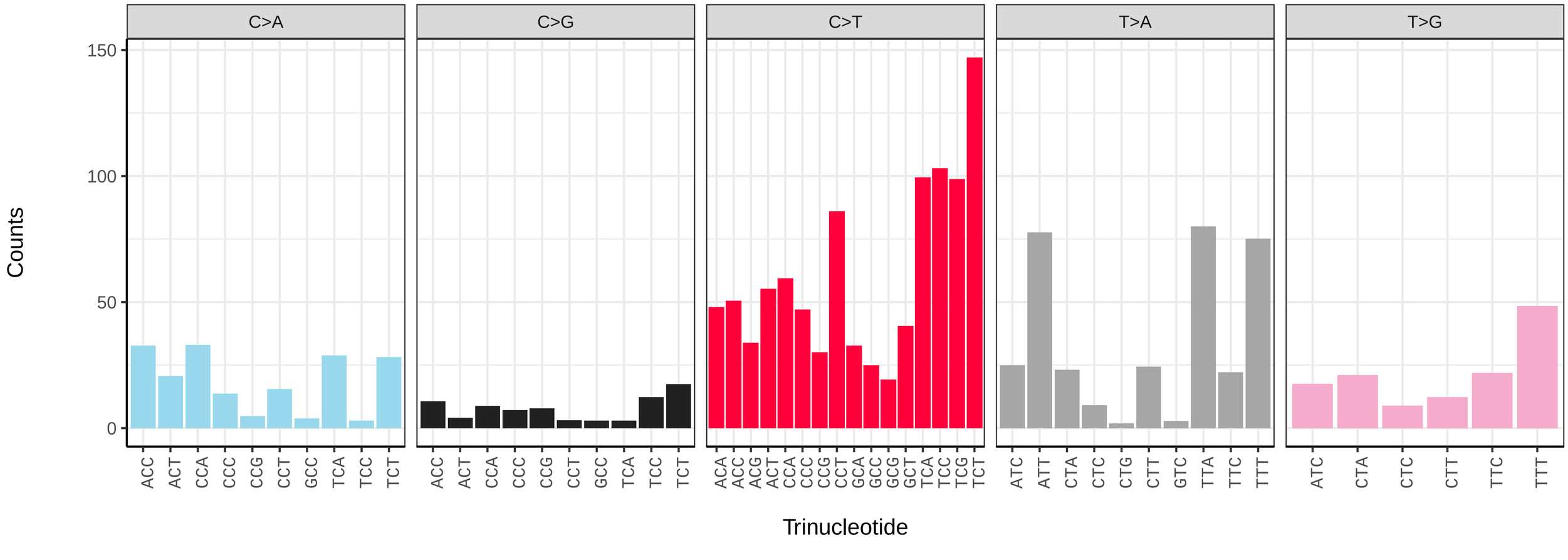
Cantharis rustica (icCanRust1.icCanRust3) germline mutational spectrum



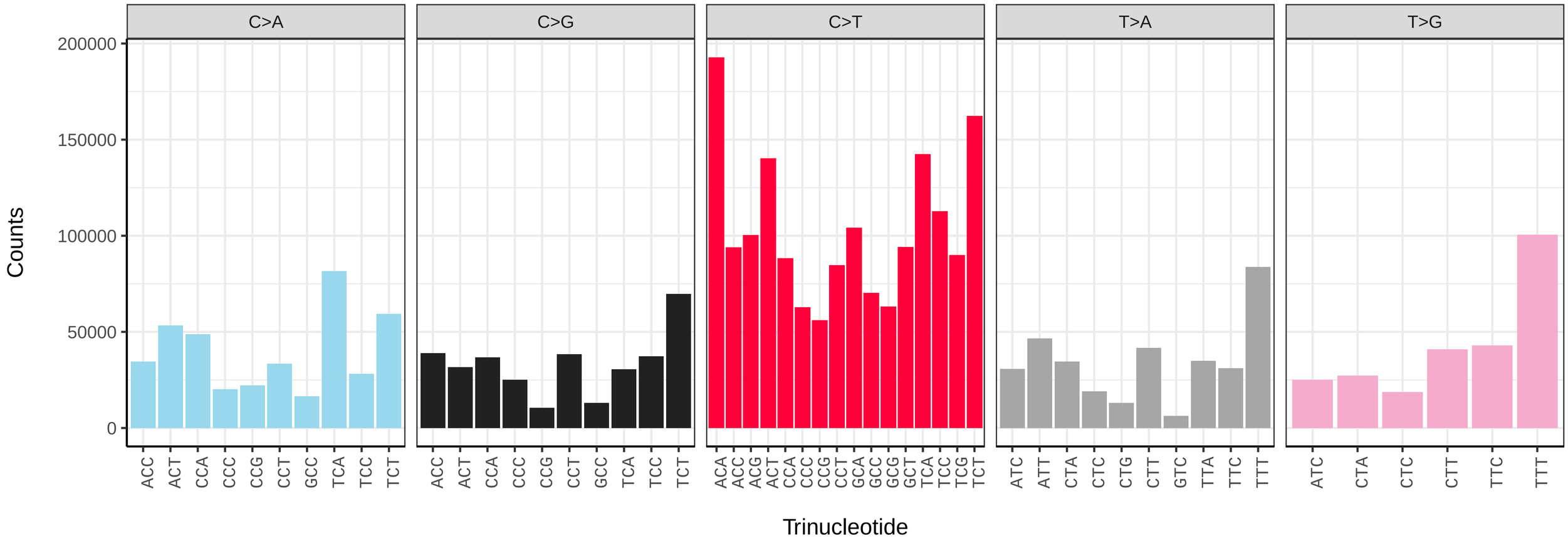
Cantharis rustica (icCanRust1.icCanRust3) somatic mutational spectrum (SBS96 classification)



Cantharis rustica (icCanRust1.icCanRust3) somatic mutational spectrum (SBS52 classification)



Cetonia aurata (icCetAura1) germline mutational spectrum



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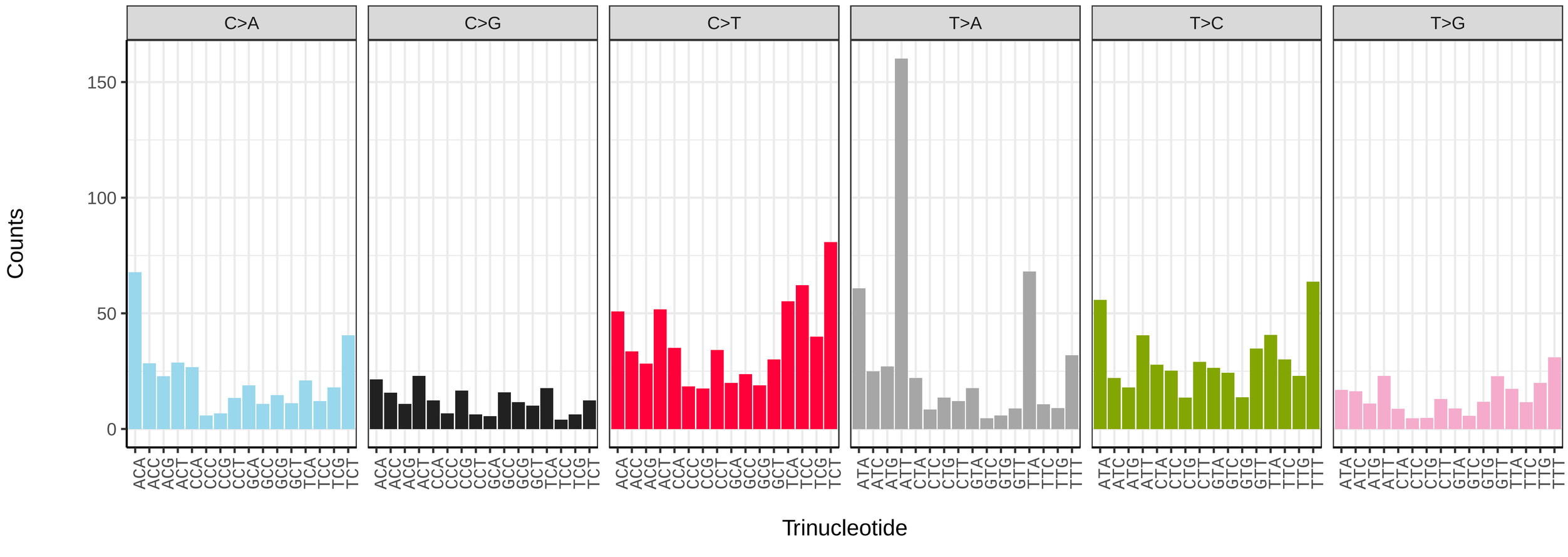

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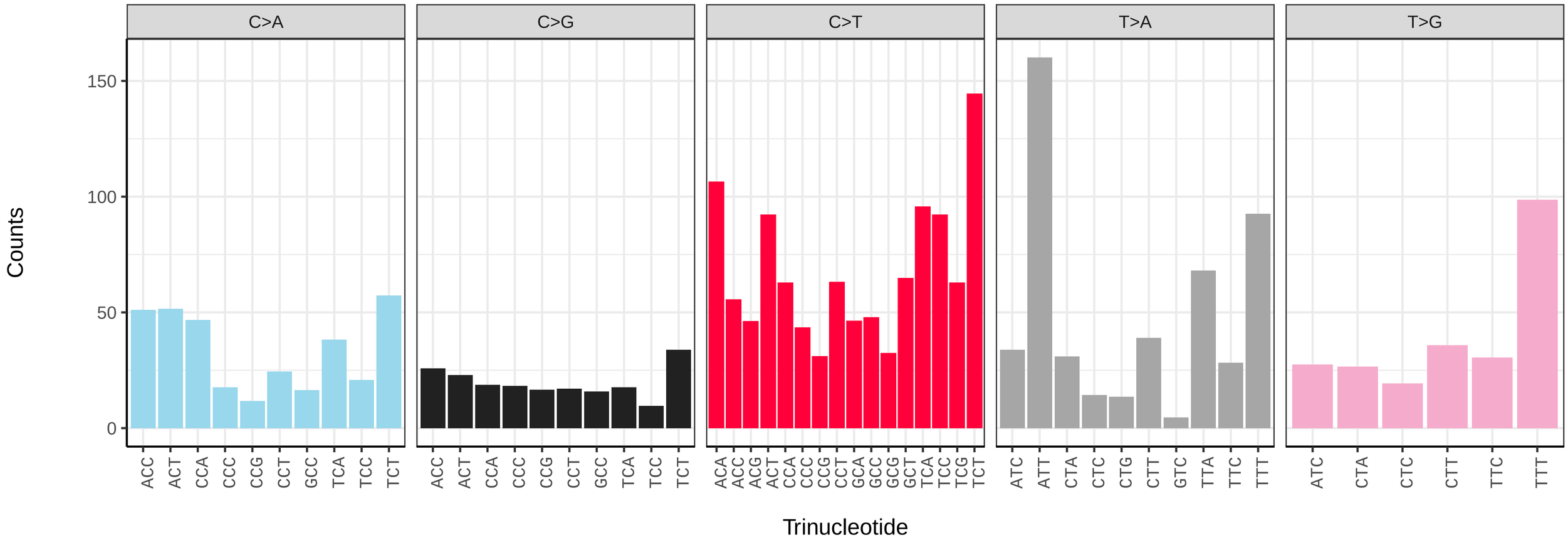
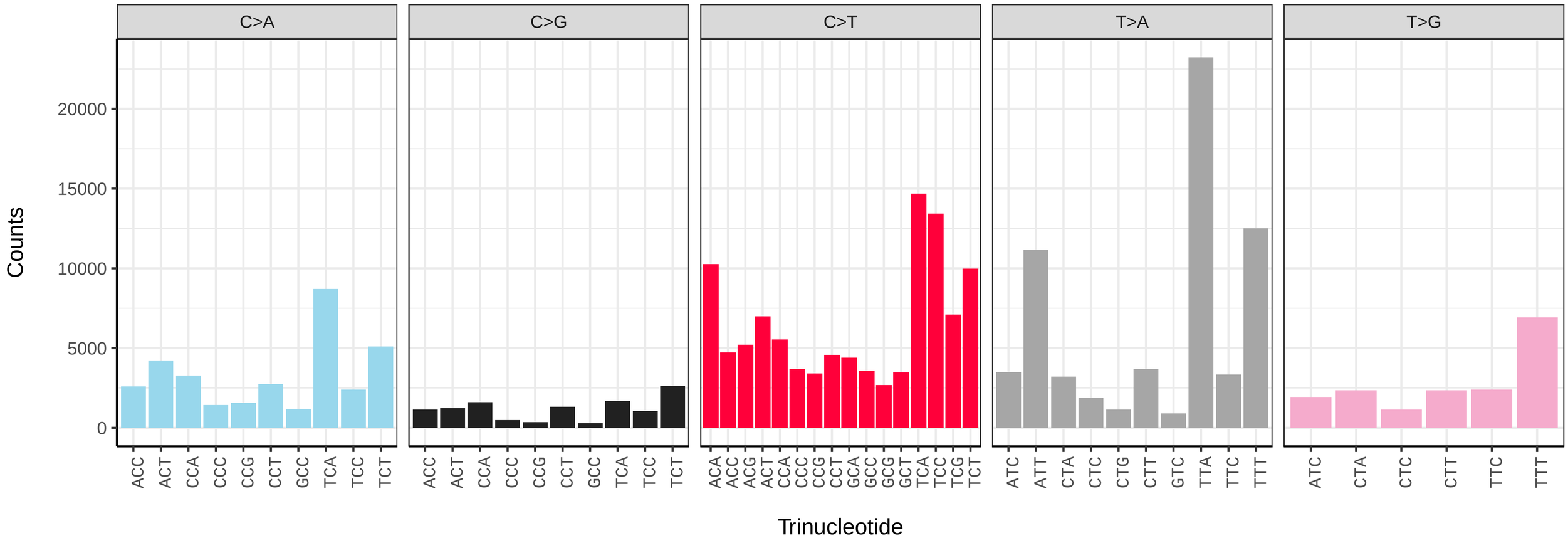
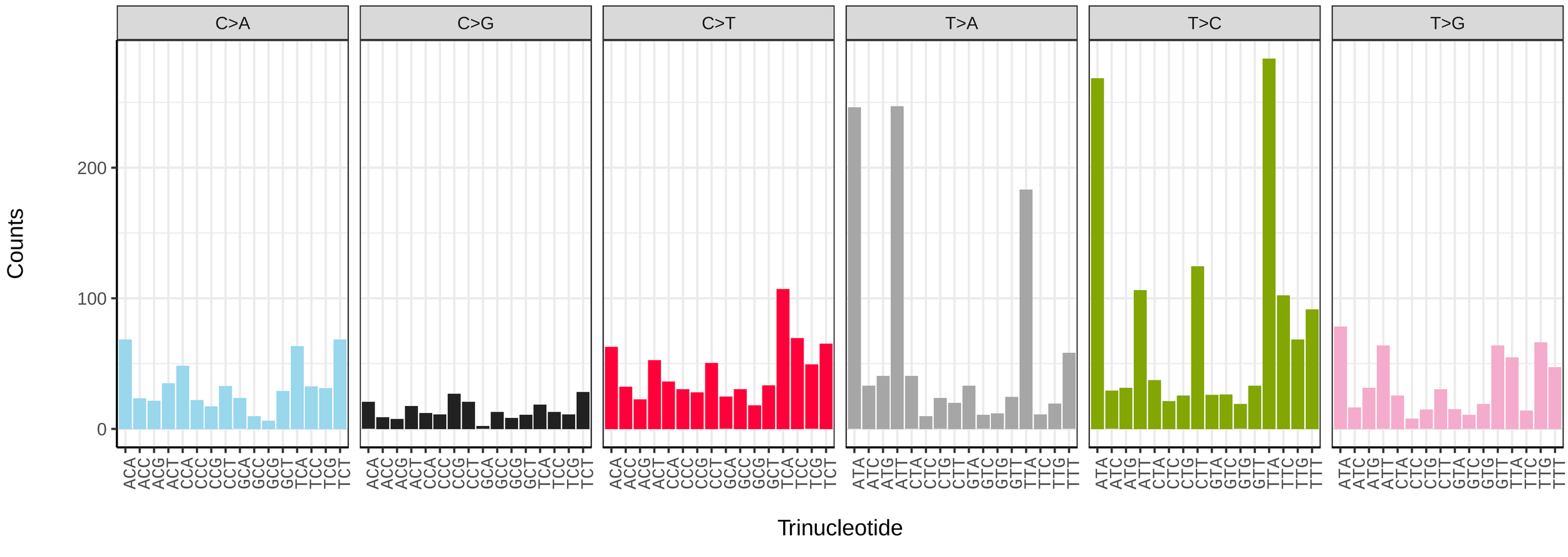


Chrysolina oricalcia (icChrOric1) germline mutational spectrum



Chrysolina oricalcia (icChrOric1) somatic mutational spectrum (SBS96 classification)



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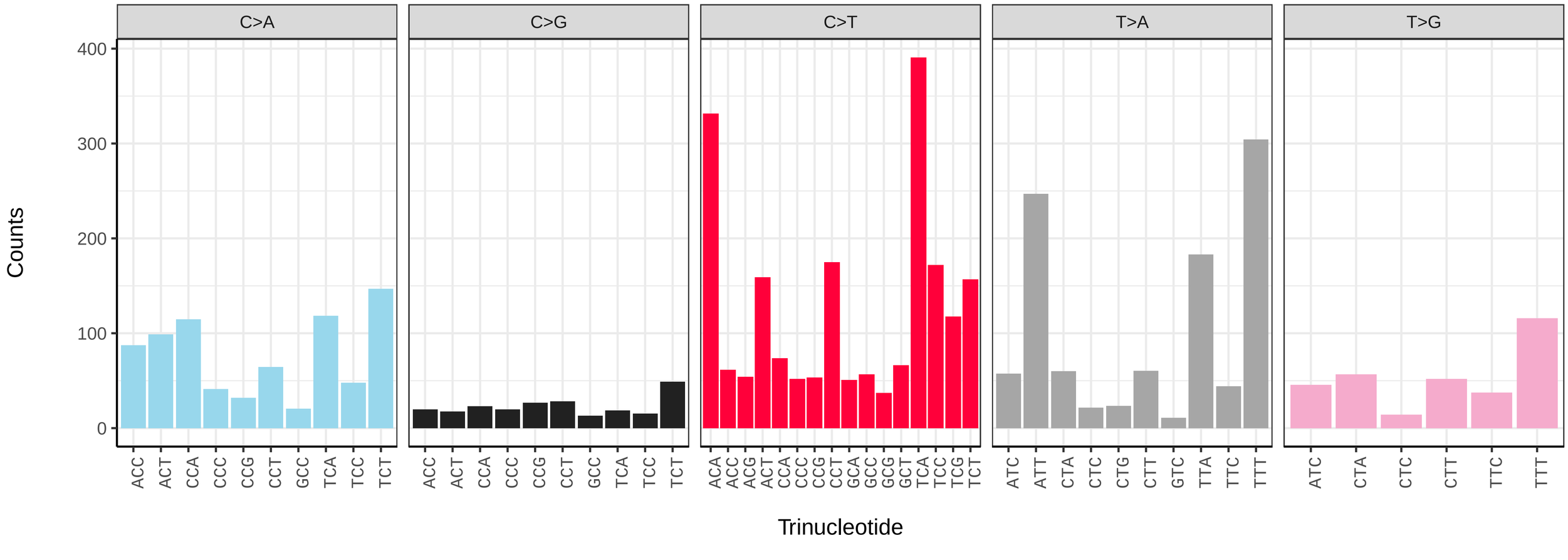
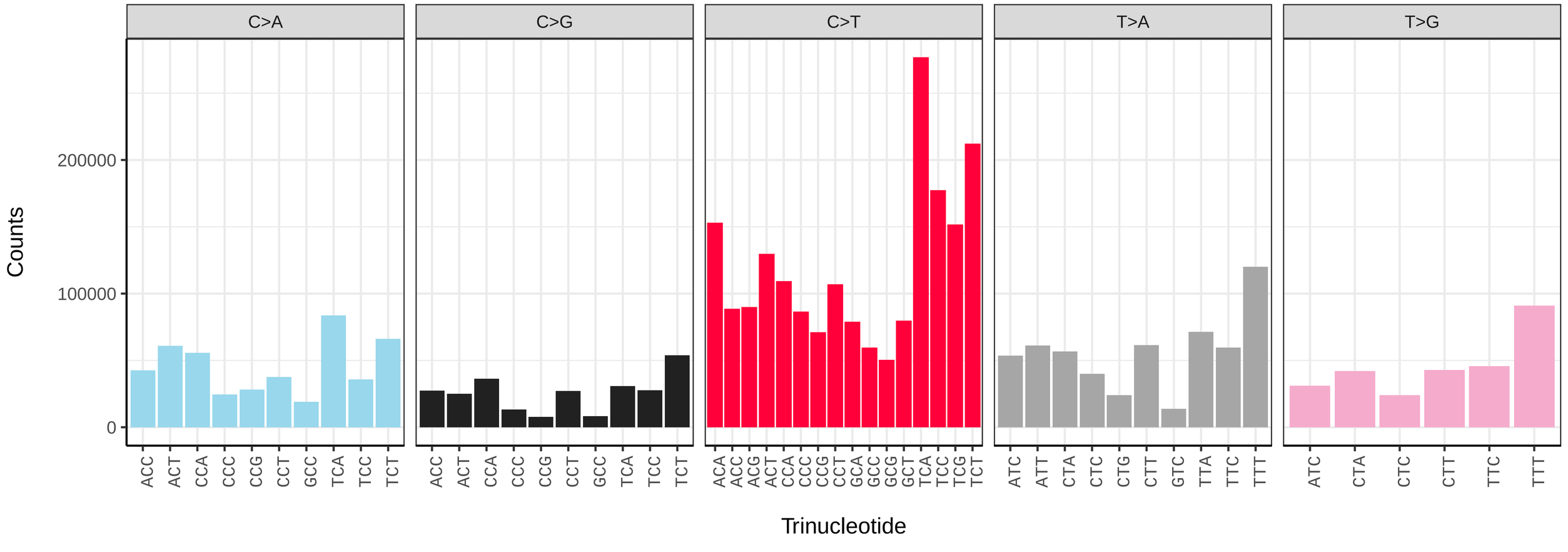
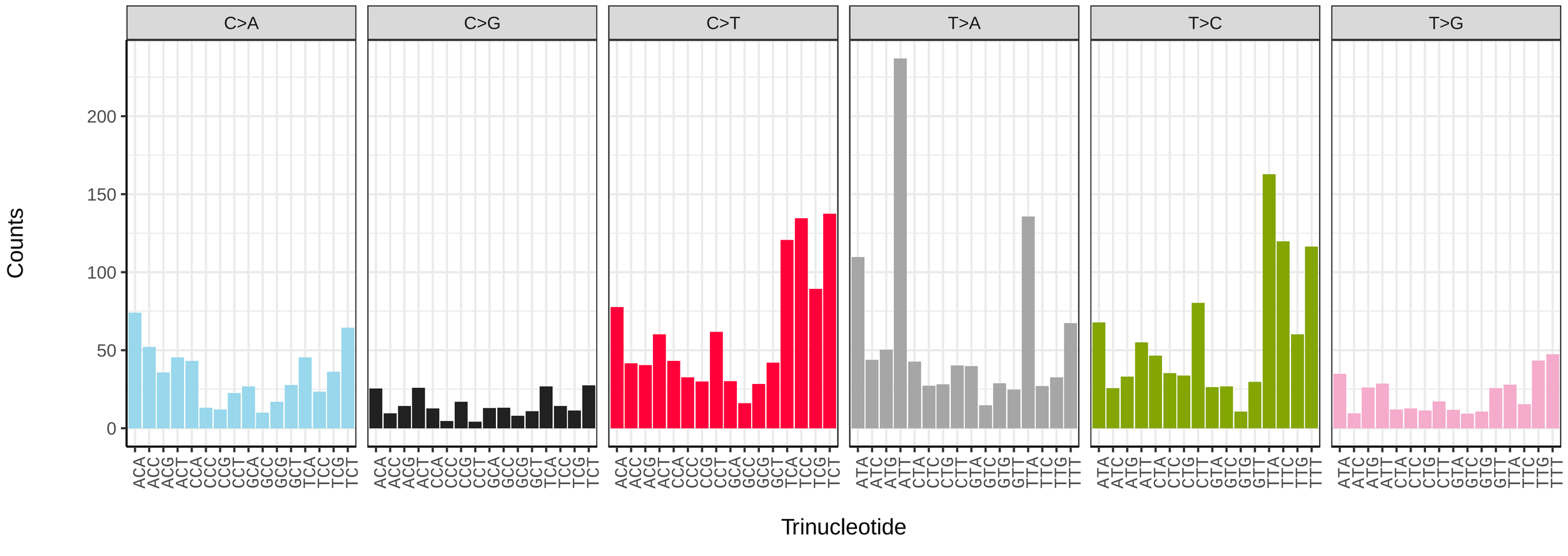


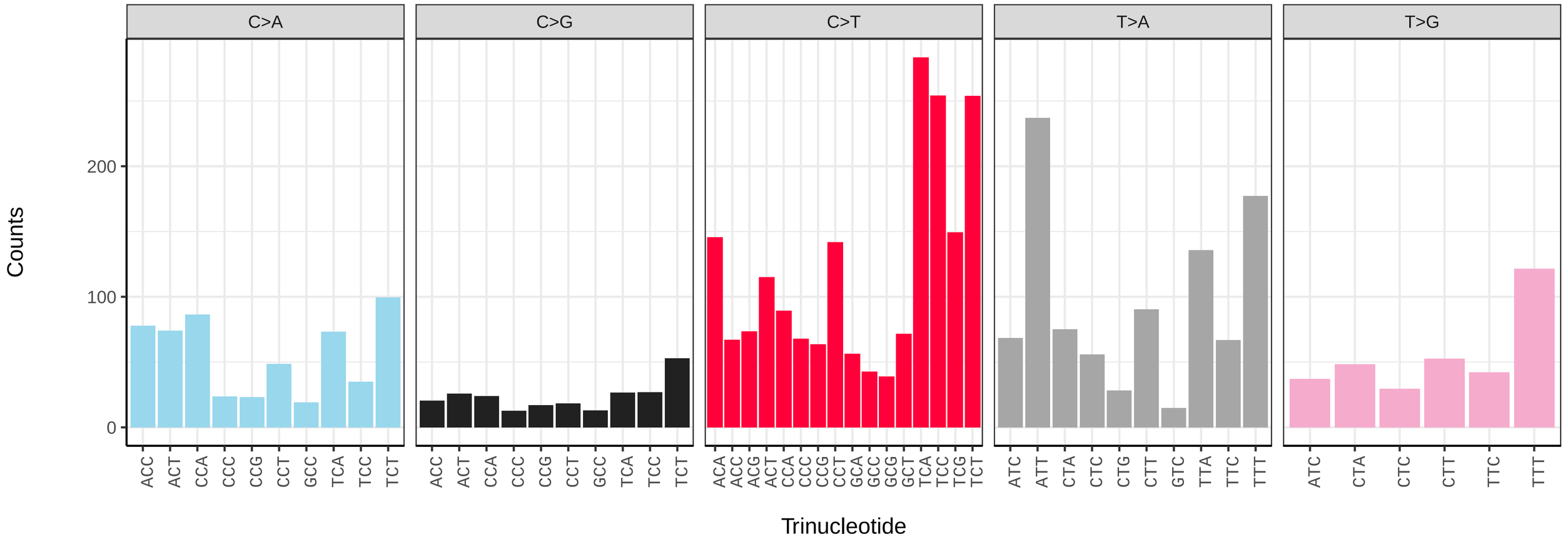
Coccinella septempunctata (icCocSept1) germline mutational spectrum



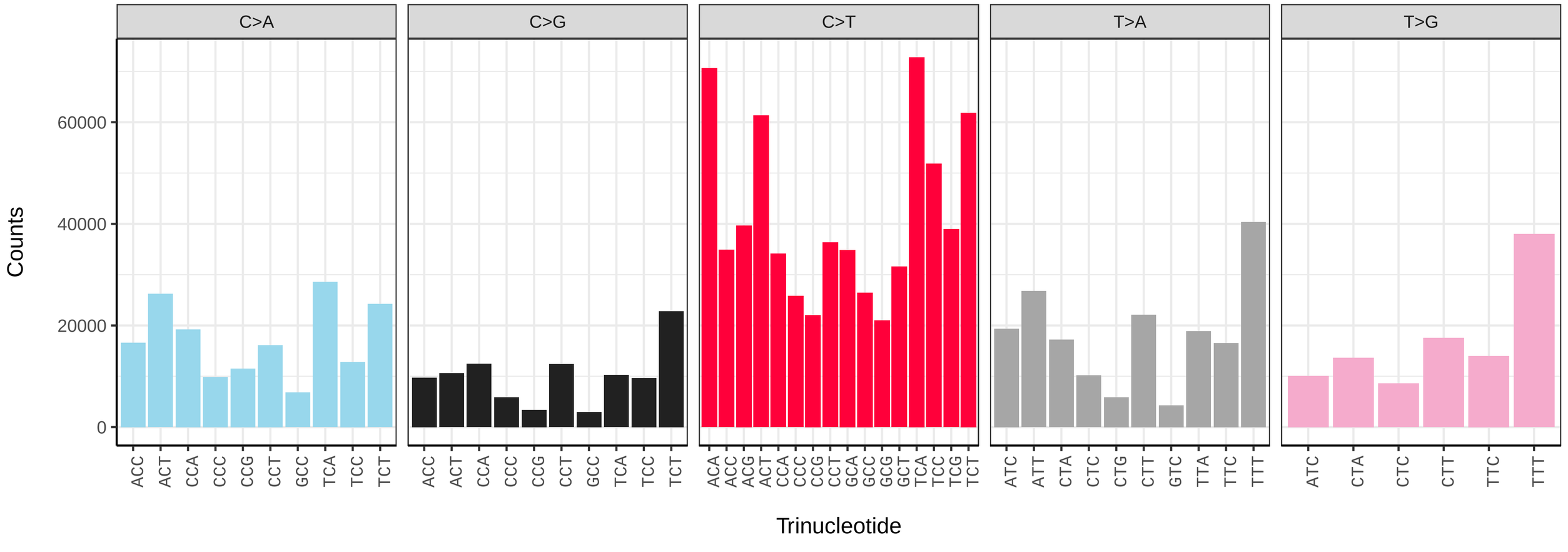
Coccinella septempunctata (icCocSept1) somatic mutational spectrum (SBS96 classification)



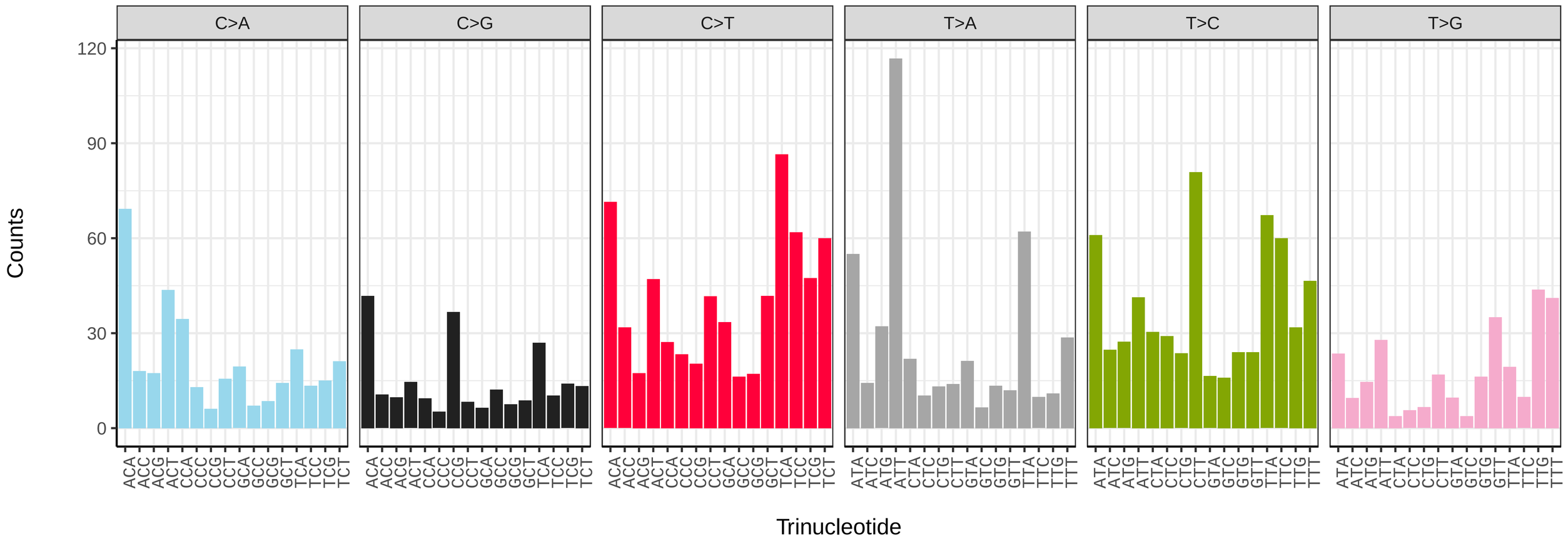
Coccinella septempunctata (icCocSept1) somatic mutational spectrum (SBS52 classification)



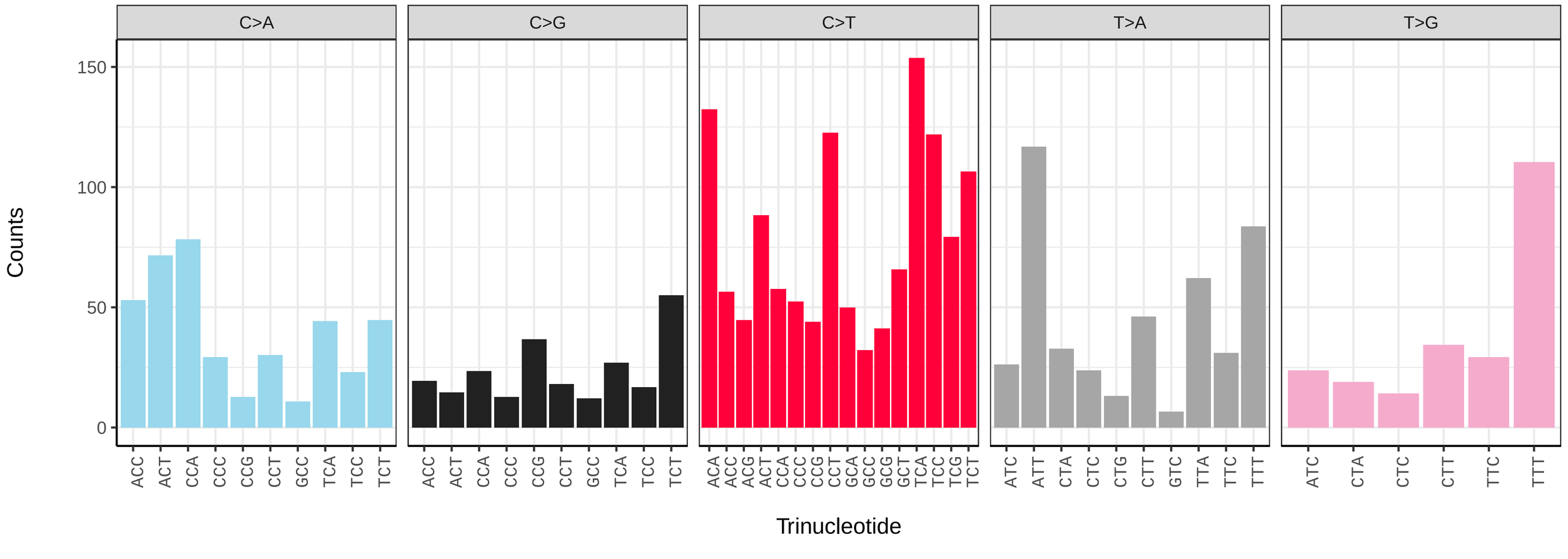
Cryptocephalus moraei (icCryMora2) germline mutational spectrum



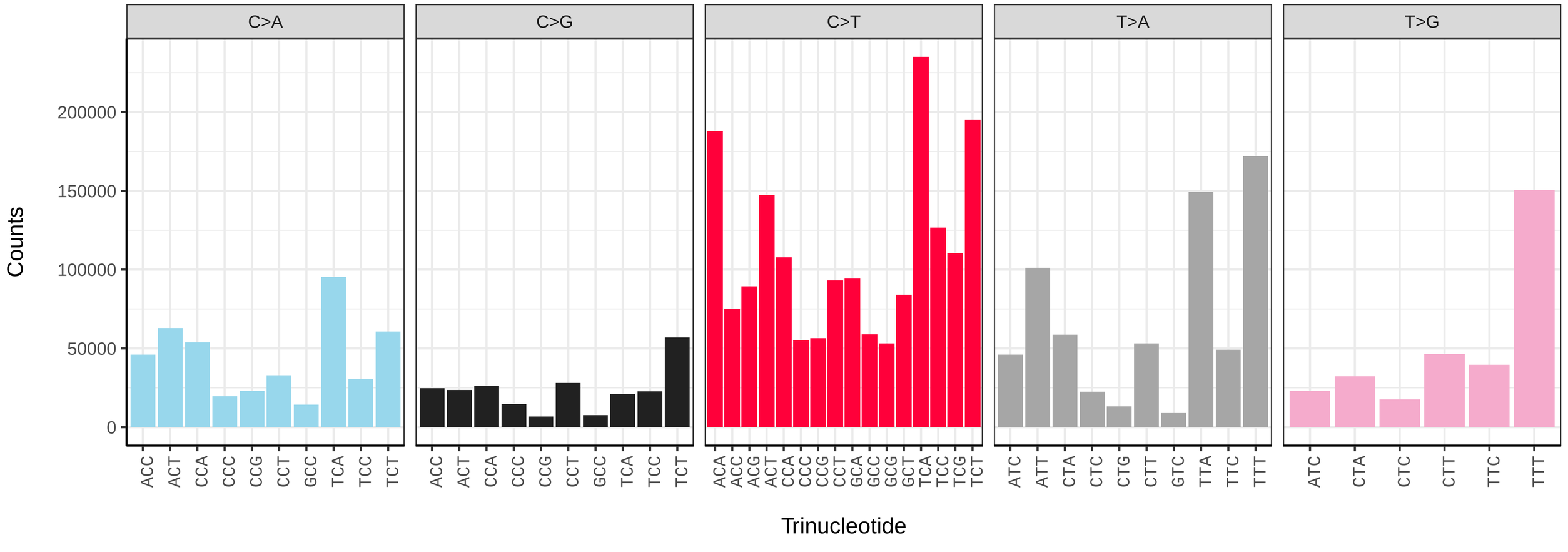
Cryptocephalus moraei (icCryMora2) somatic mutational spectrum (SBS96 classification)



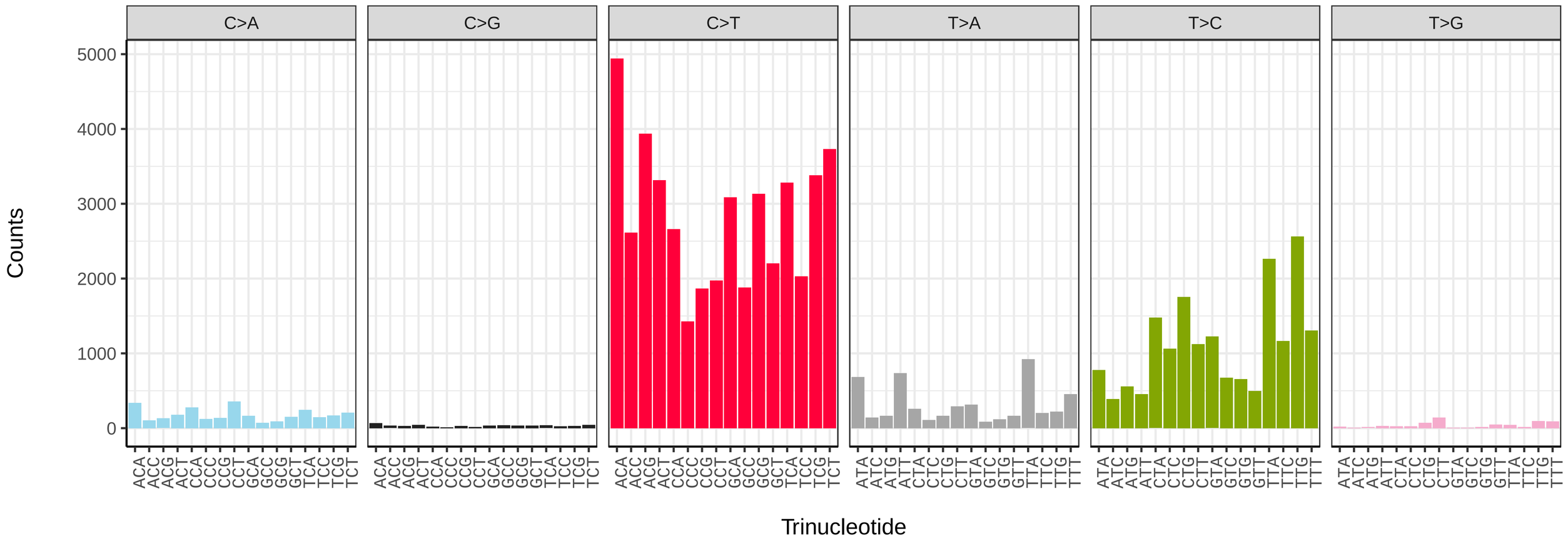
Cryptocephalus moraei (icCryMora2) somatic mutational spectrum (SBS52 classification)



Elmis aenea (icElmAene2) germline mutational spectrum



Elmis aenea (icElmAene2) somatic mutational spectrum (SBS96 classification)



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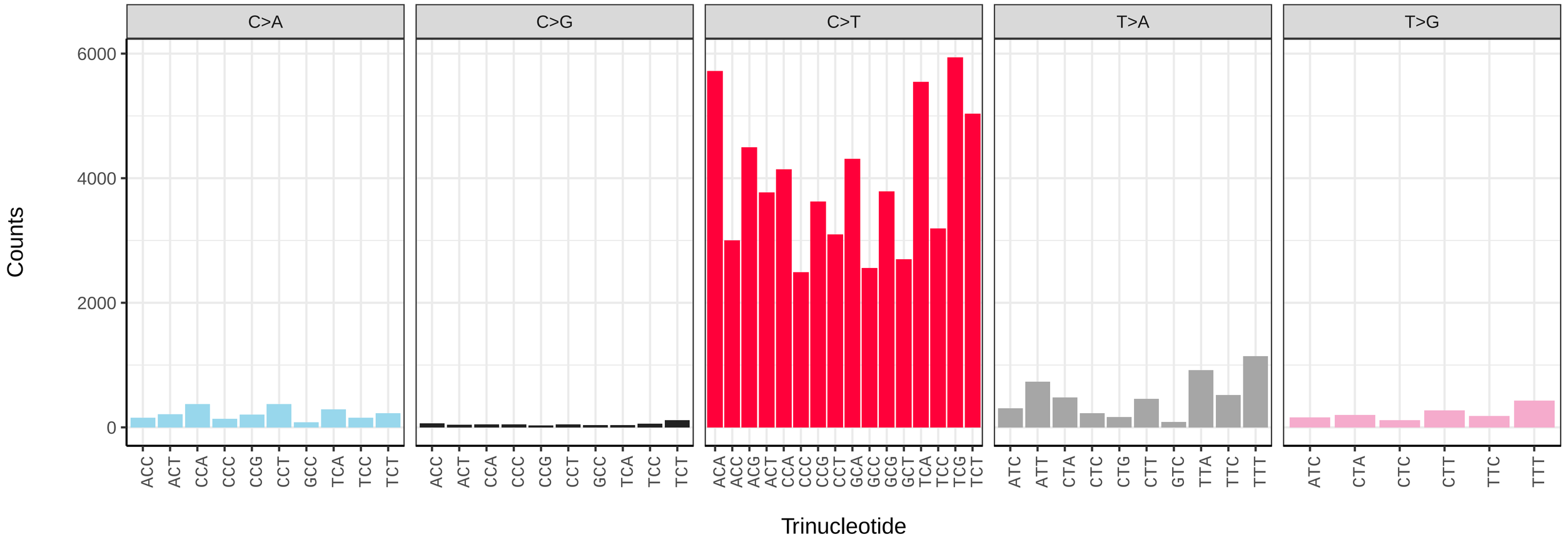
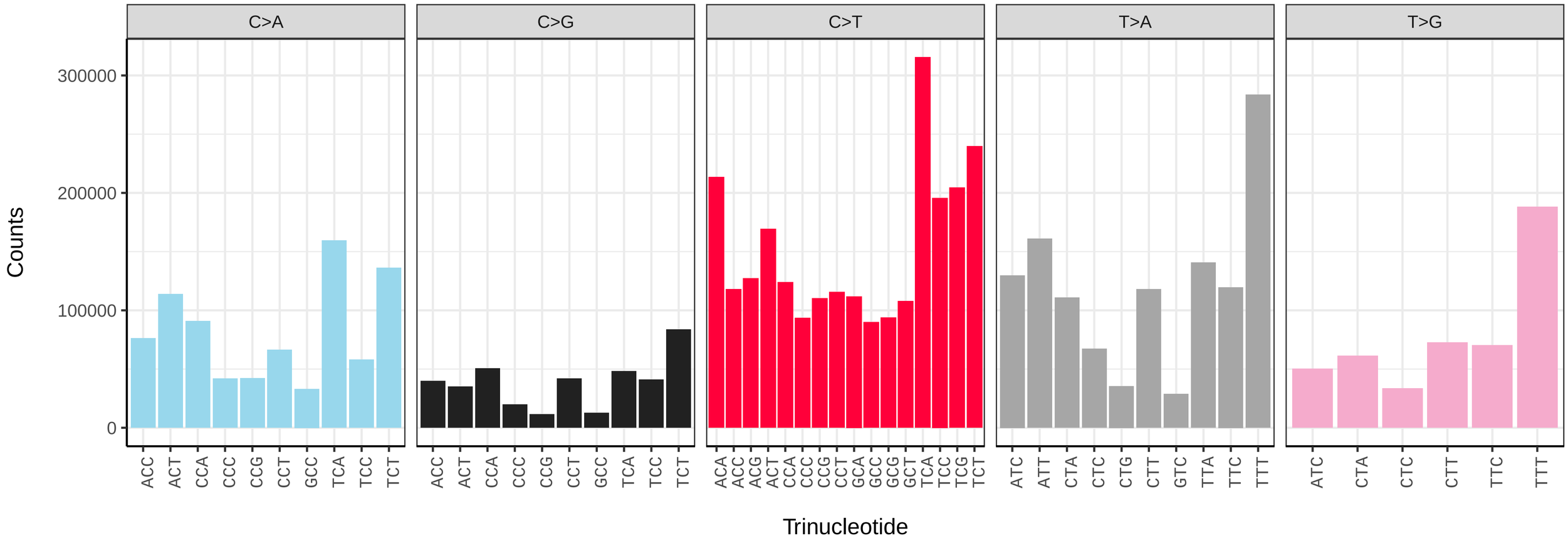
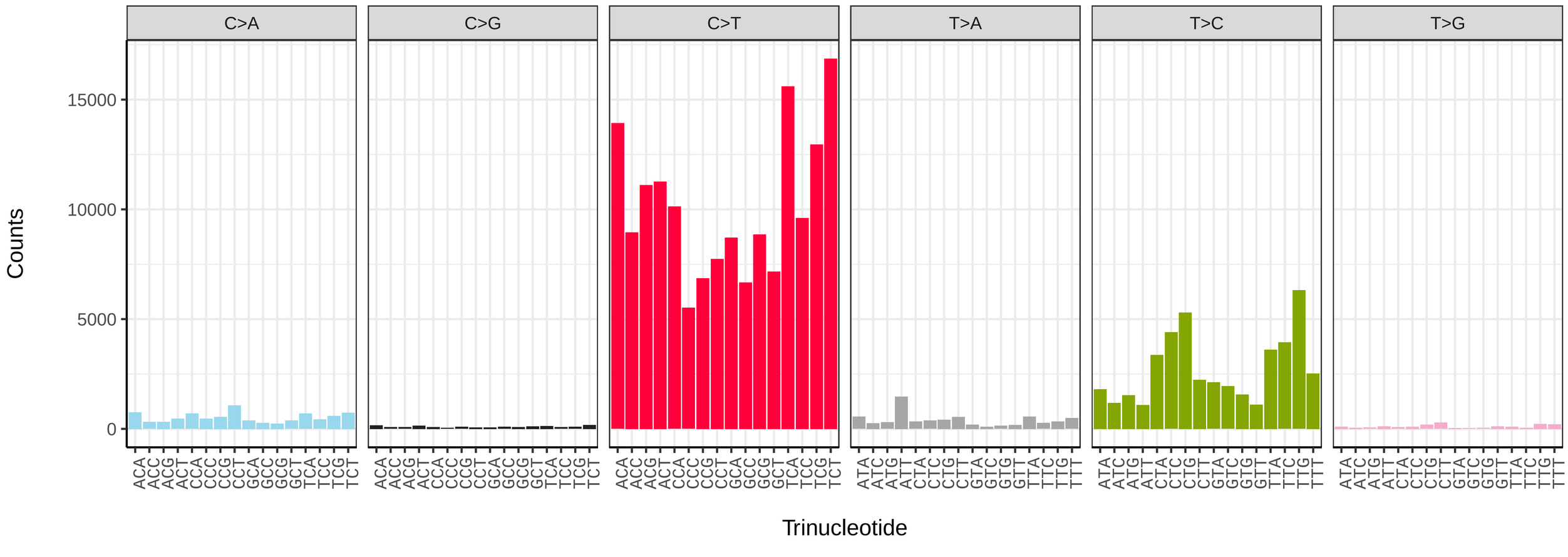


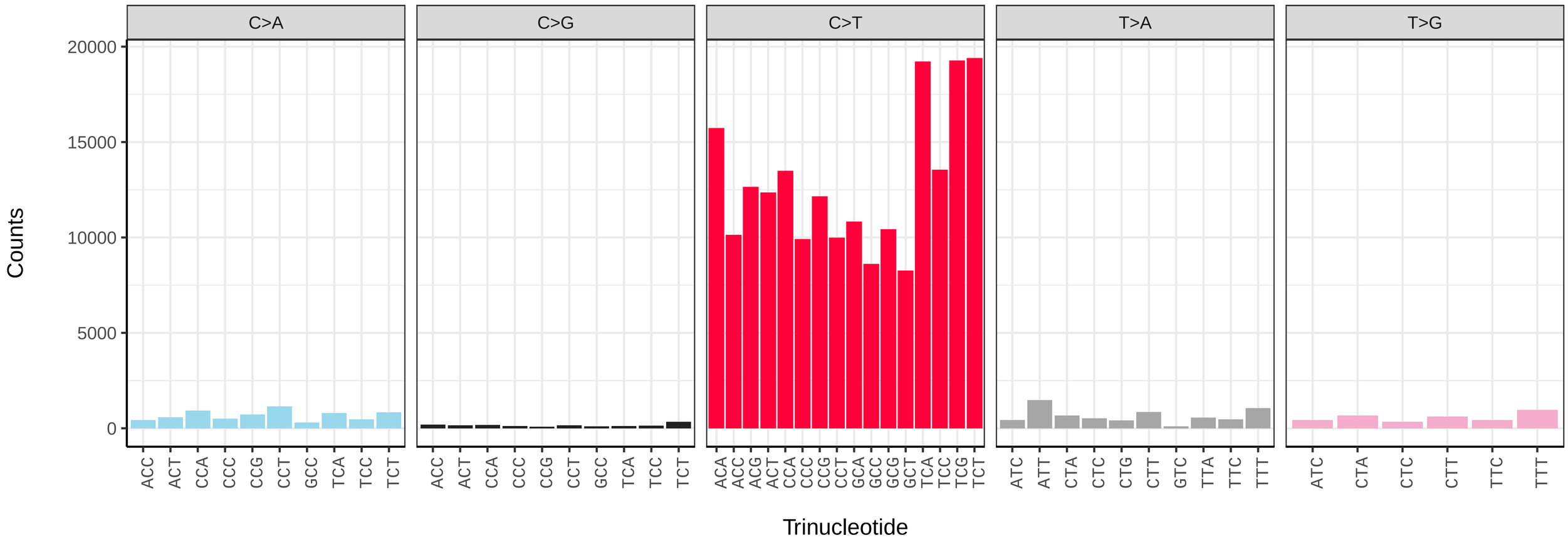
Halyzia sedecimguttata (icHalSede1) germline mutational spectrum



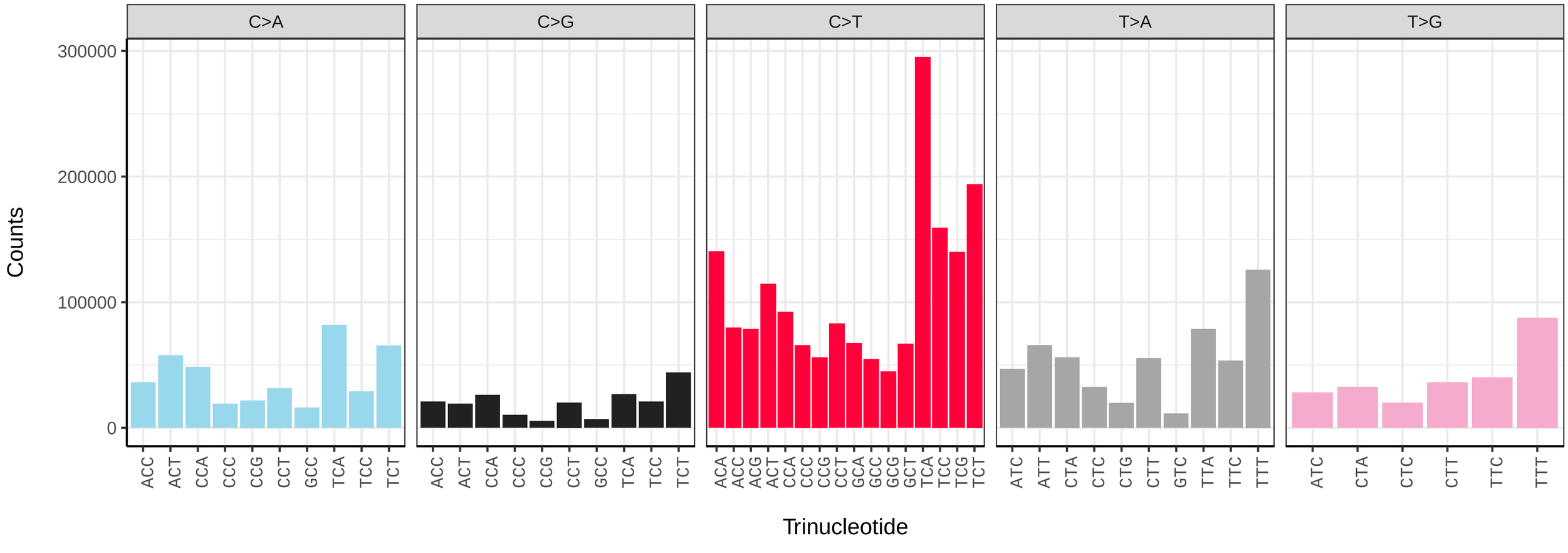
Halyzia sedecimguttata (icHalSede1) somatic mutational spectrum (SBS96 classification)



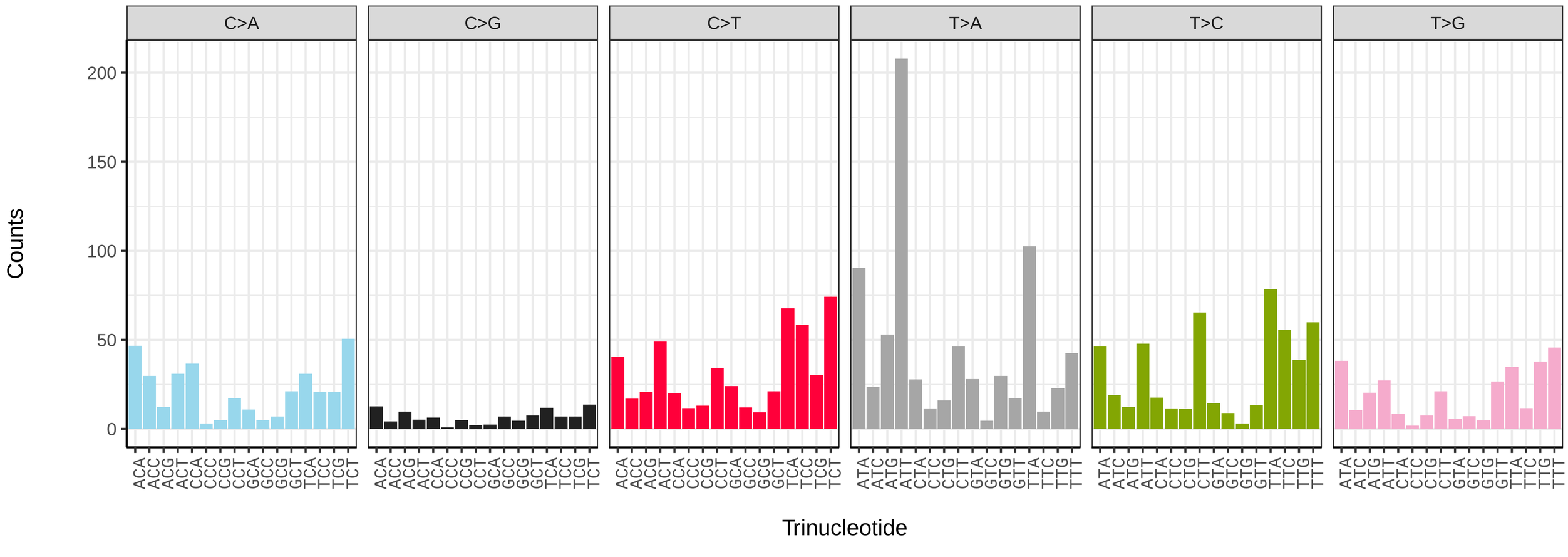
Halyzia sedecimguttata (icHalSede1) somatic mutational spectrum (SBS52 classification)



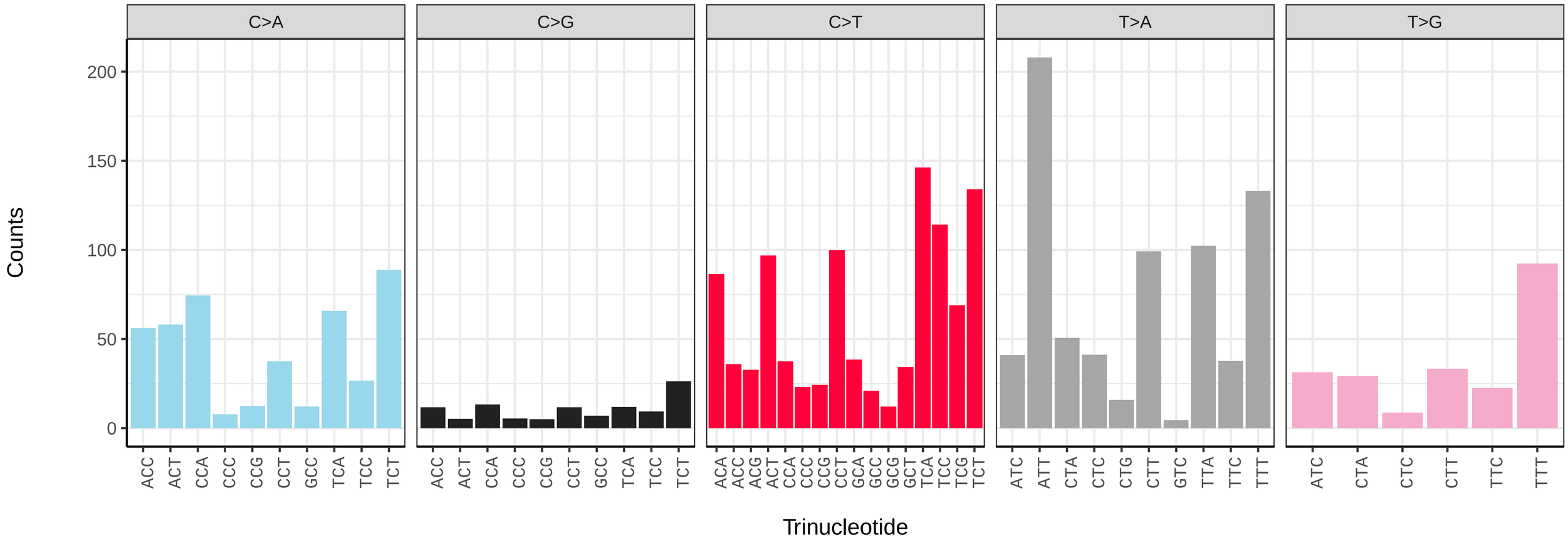
Harmonia axyridis (icHarAxyr1) germline mutational spectrum



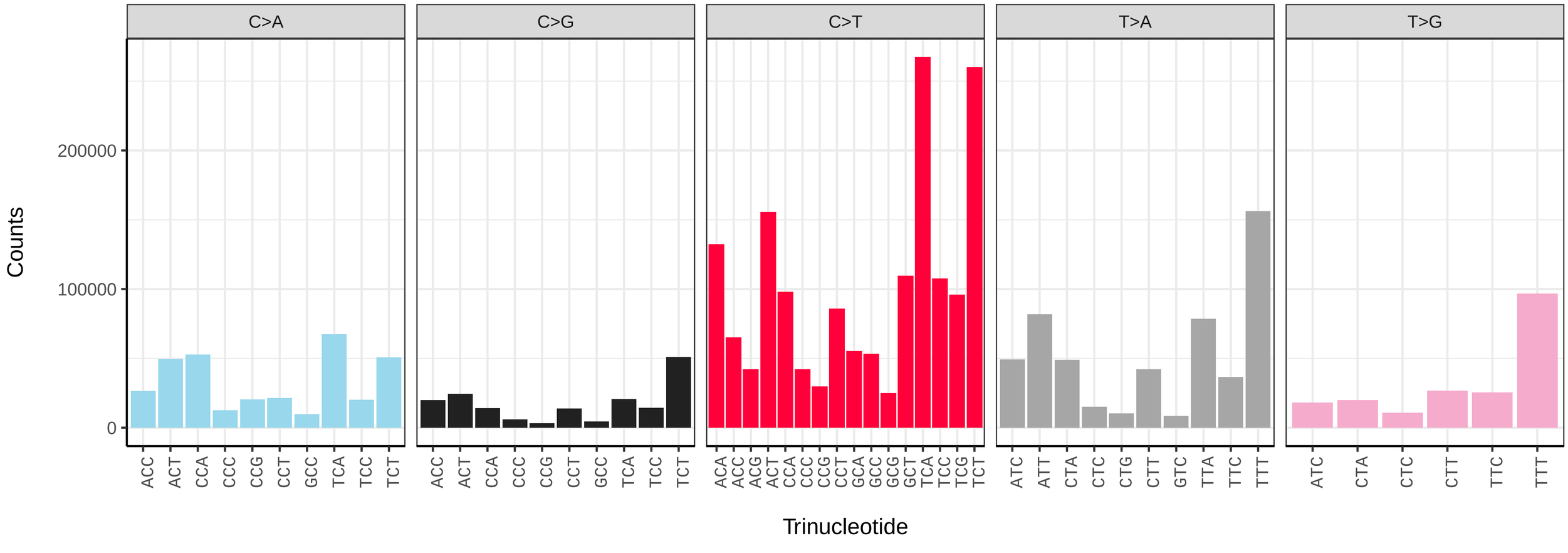
Harmonia axyridis (icHarAxyr1) somatic mutational spectrum (SBS96 classification)



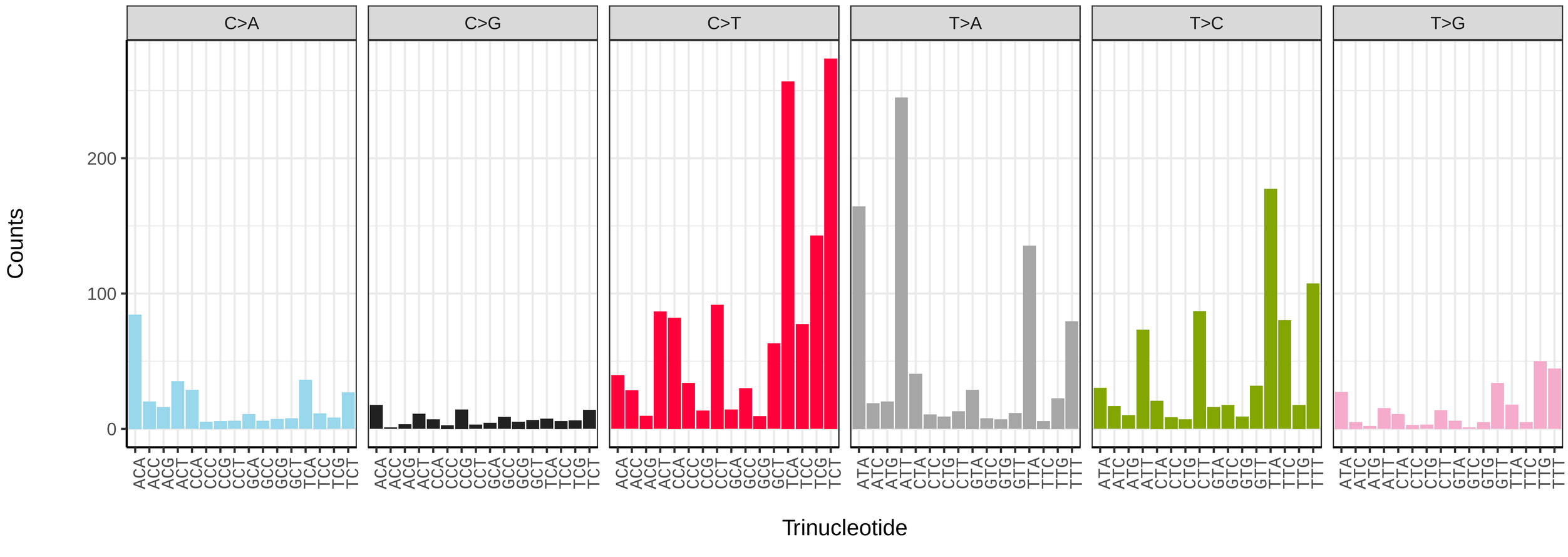
Harmonia axyridis (icHarAxyr1) somatic mutational spectrum (SBS52 classification)



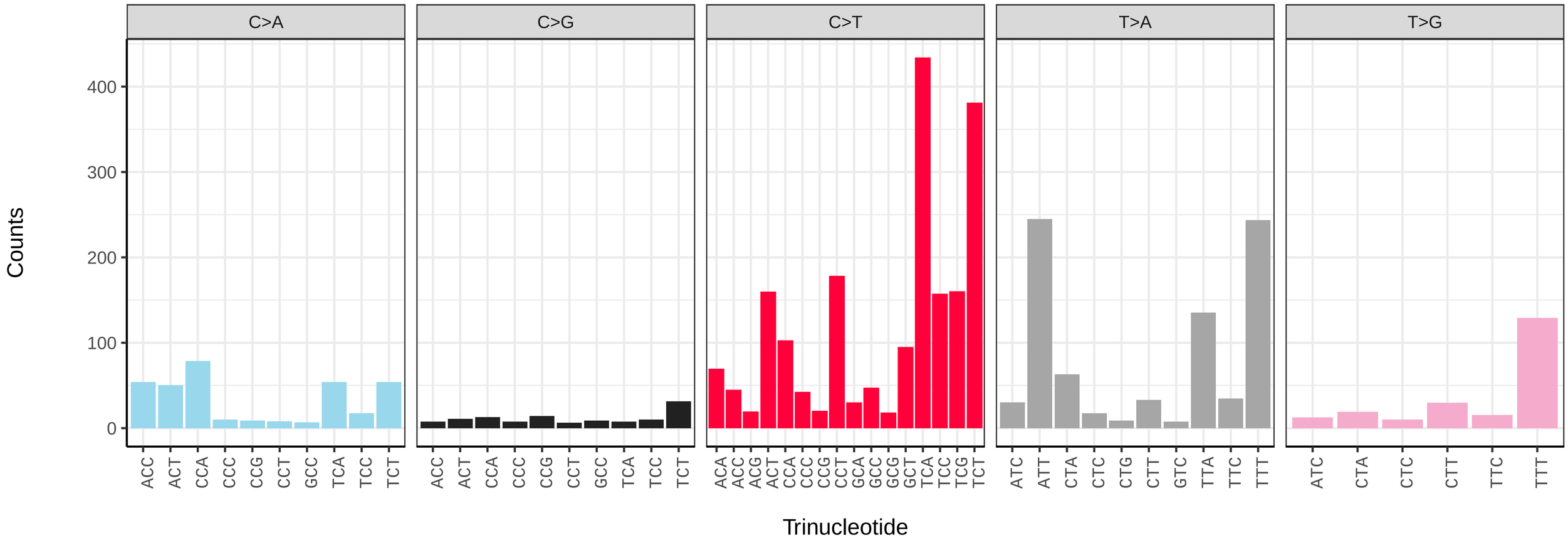
Lagria hirta (icLagHirt1) germline mutational spectrum



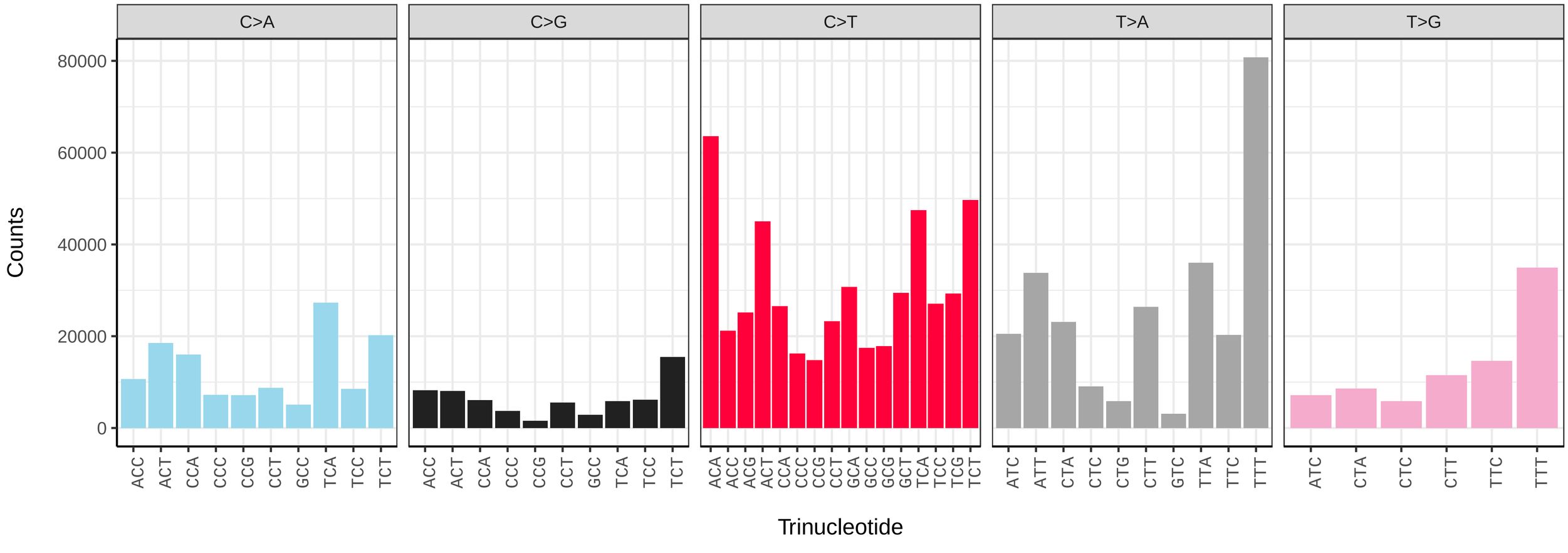
Lagria hirta (icLagHirt1) somatic mutational spectrum (SBS96 classification)



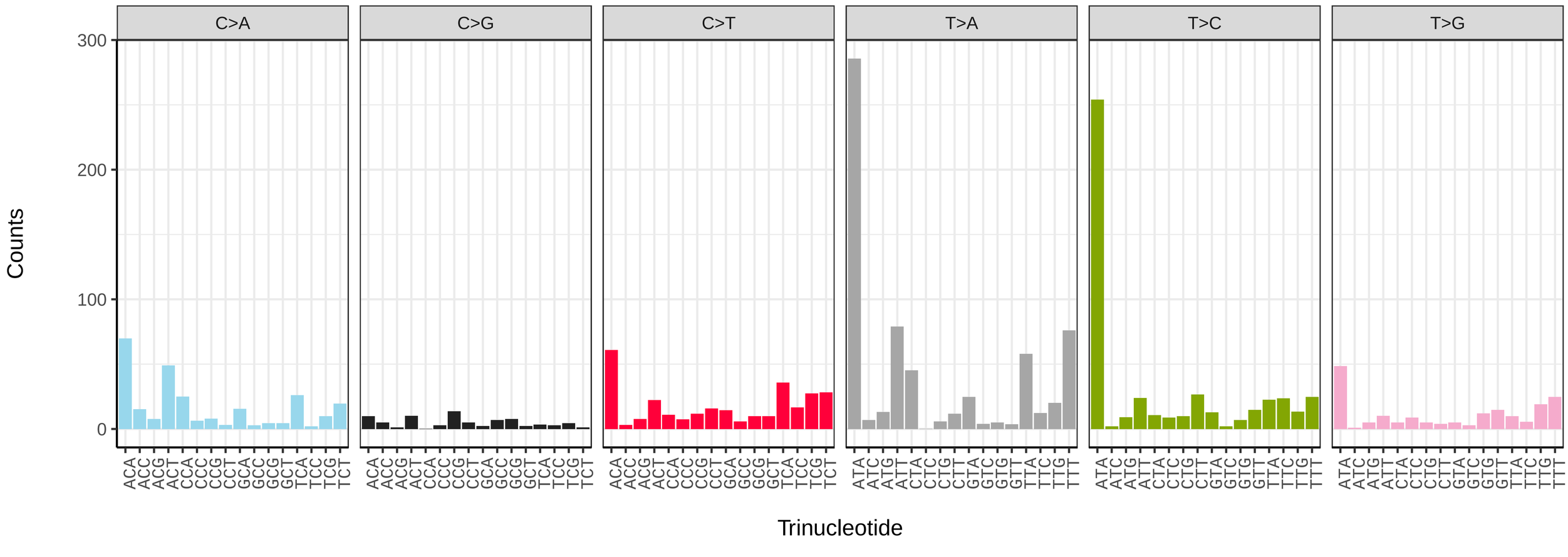
Lagria hirta (icLagHirt1) somatic mutational spectrum (SBS52 classification)



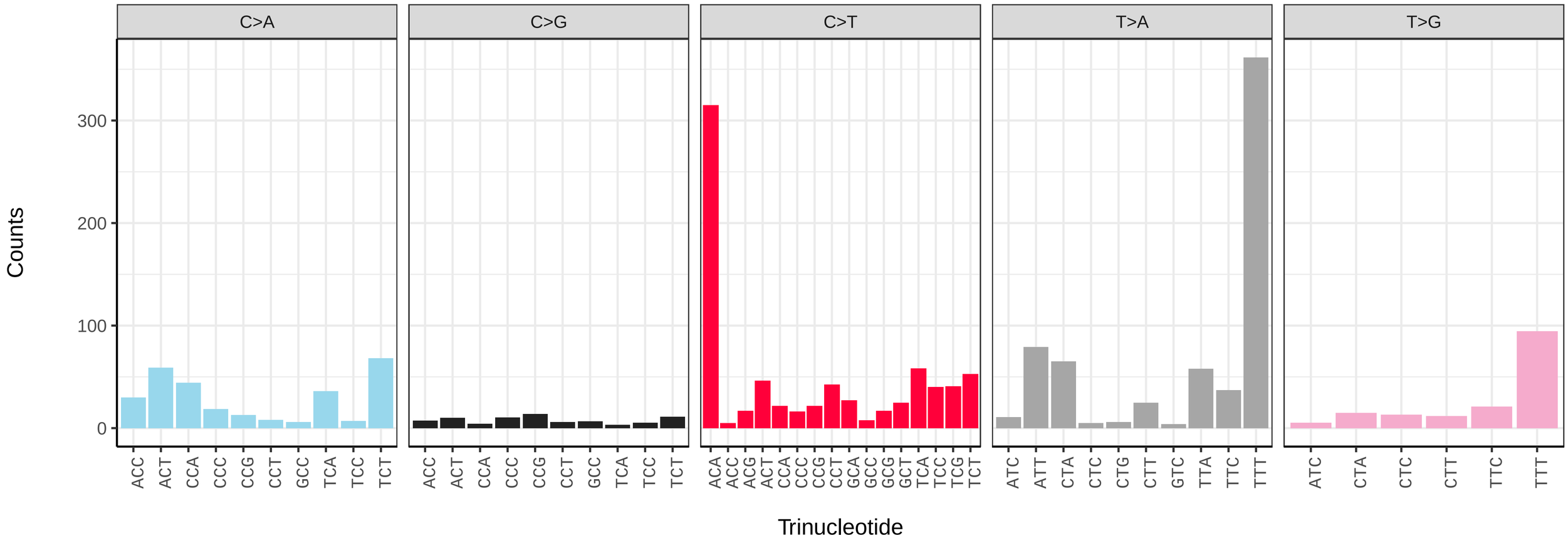
Leistus spinibarbis (icLeiSpin1) germline mutational spectrum



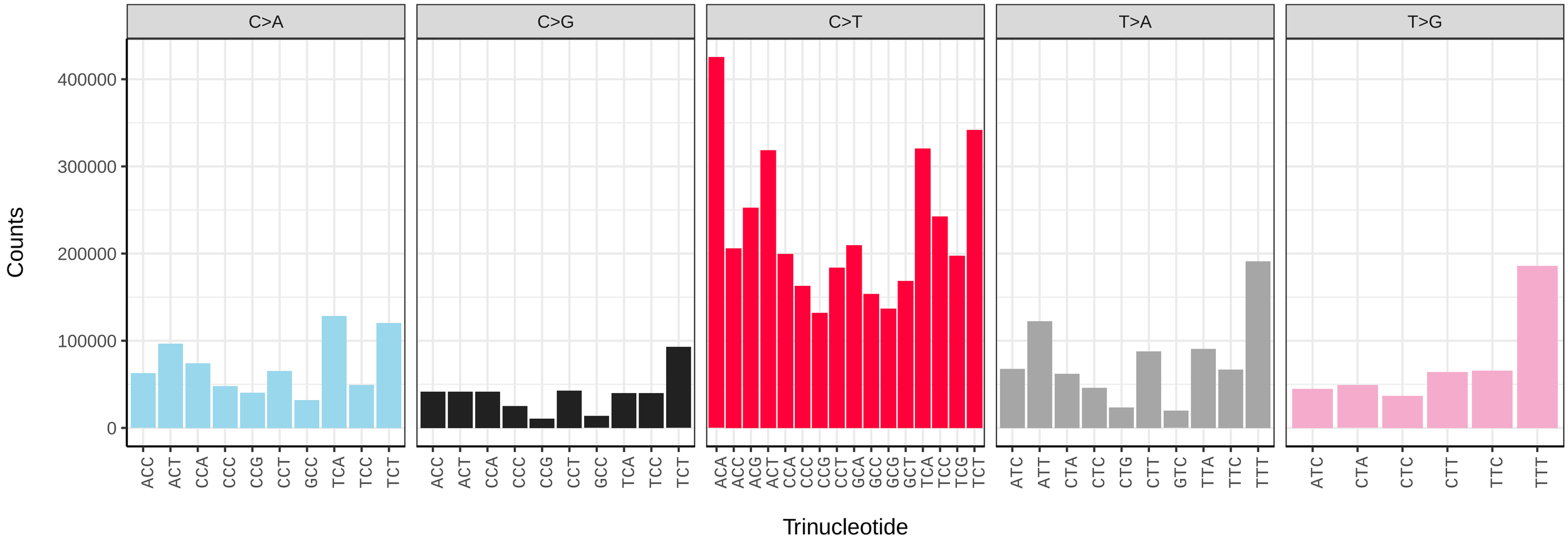
Leistus spinibarbis (icLeiSpin1) somatic mutational spectrum (SBS96 classification)



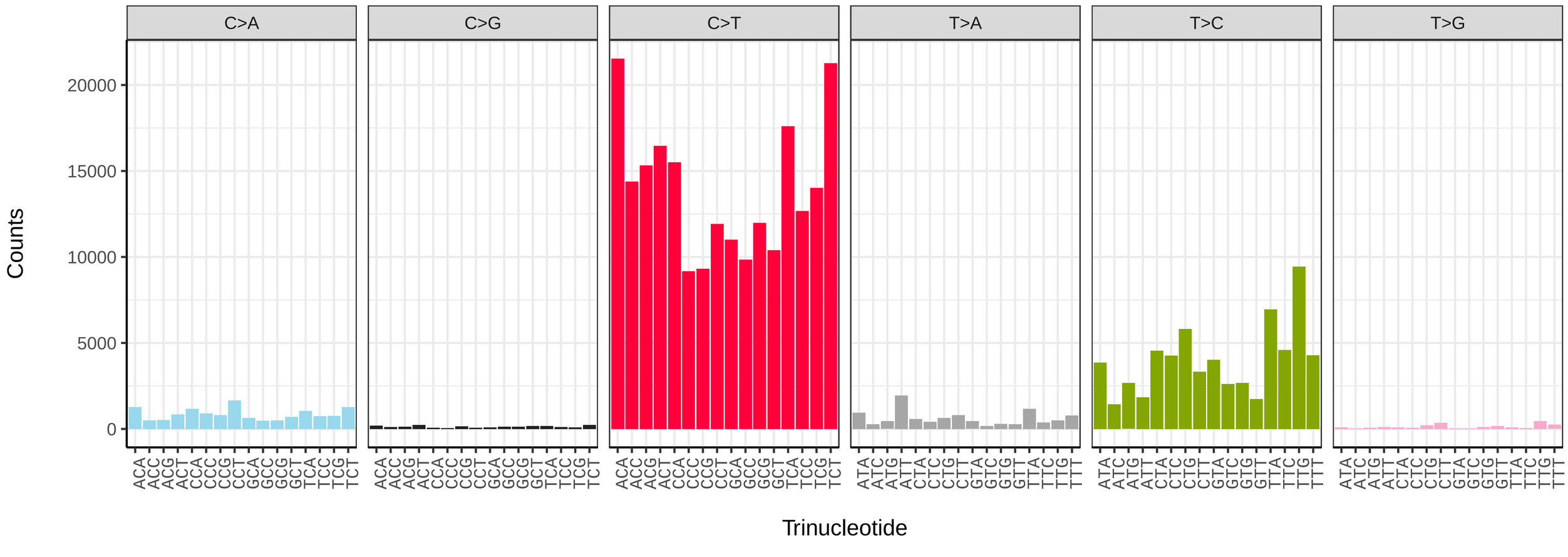
Leistus spinibarbis (icLeiSpin1) somatic mutational spectrum (SBS52 classification)



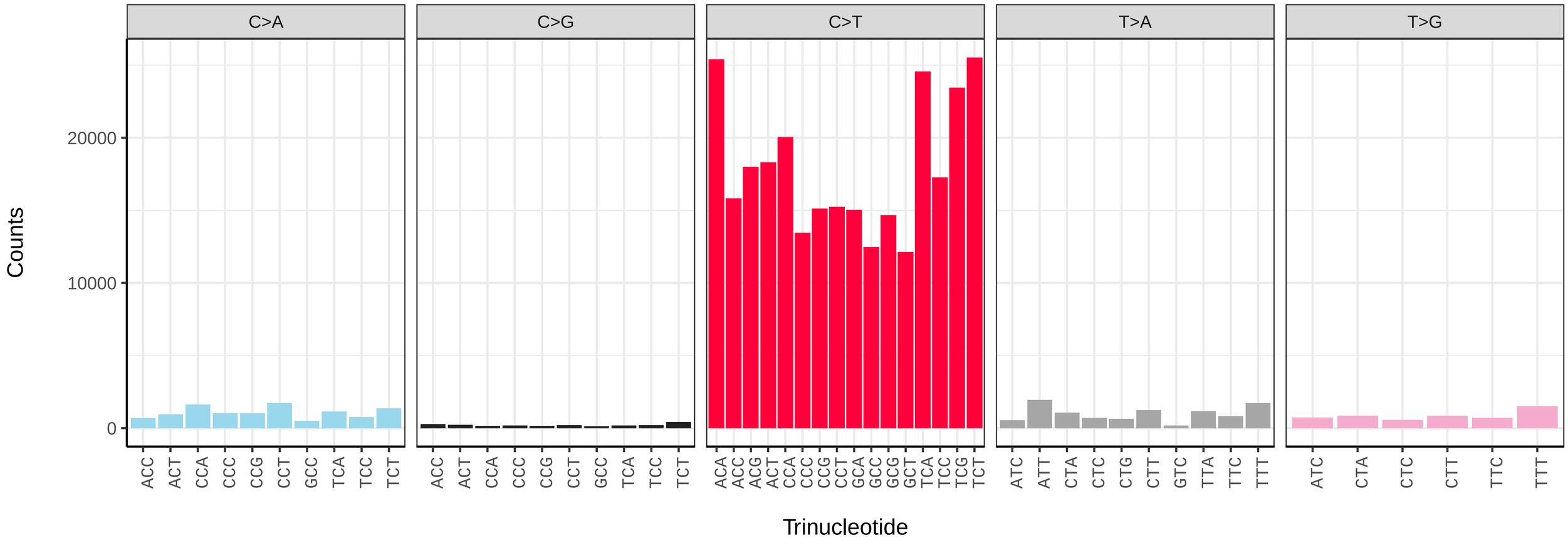
Rutpela maculata (icLepMacu1) germline mutational spectrum



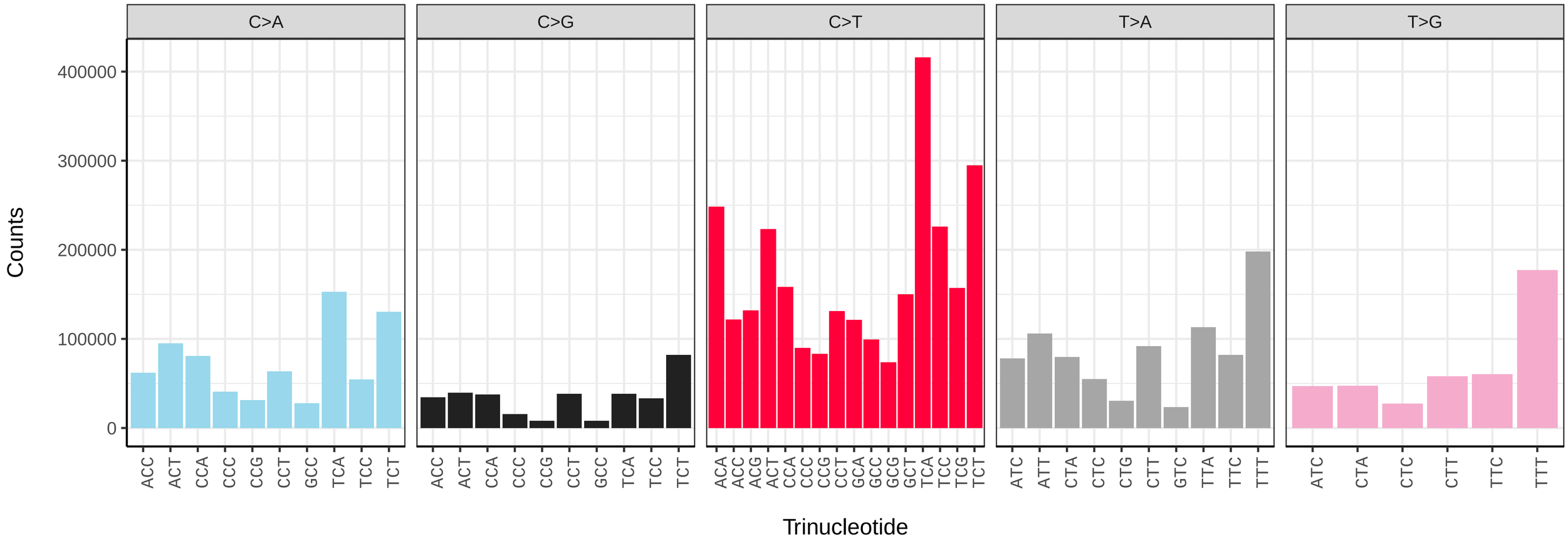
Rutpela maculata (icLepMacu1) somatic mutational spectrum (SBS96 classification)



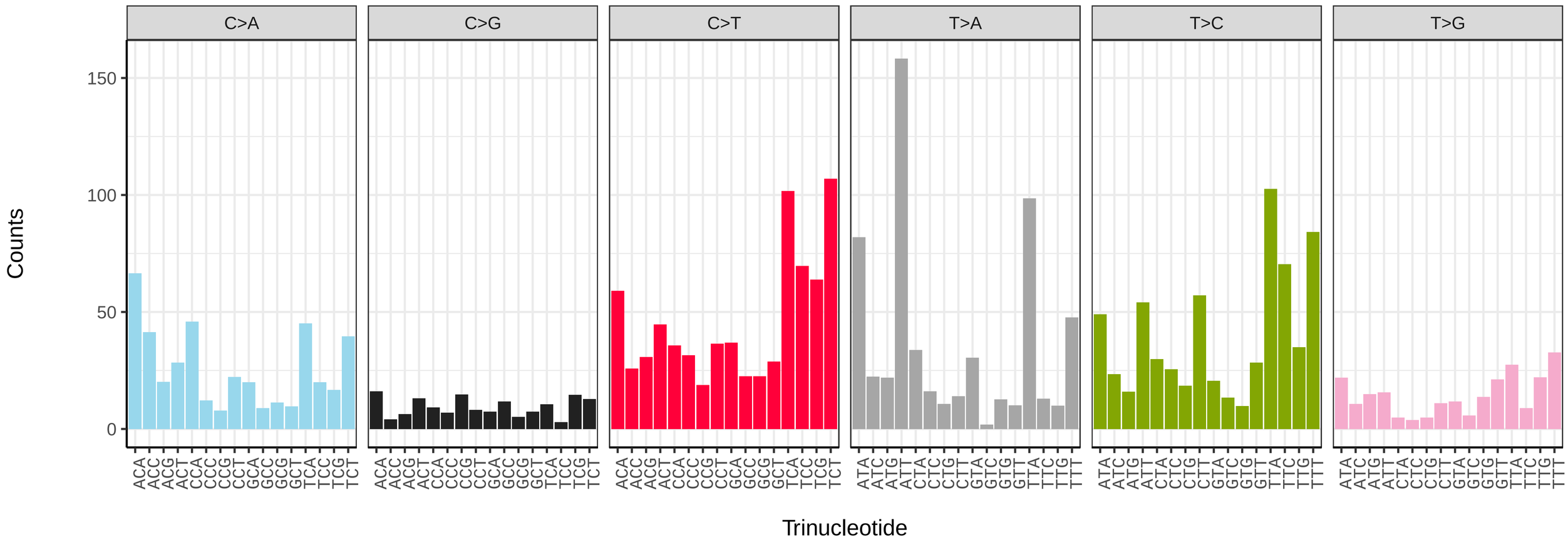
Rutpela maculata (icLepMacu1) somatic mutational spectrum (SBS52 classification)



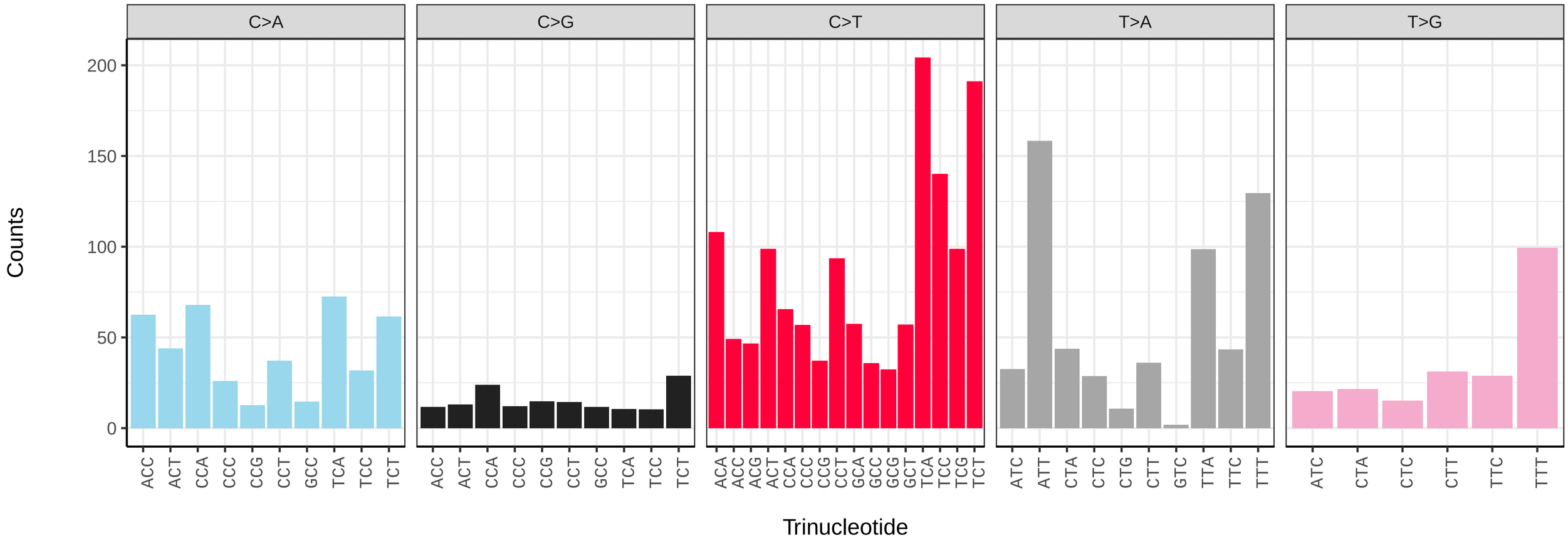
Lochmaea capreae (icLocCapr1) germline mutational spectrum



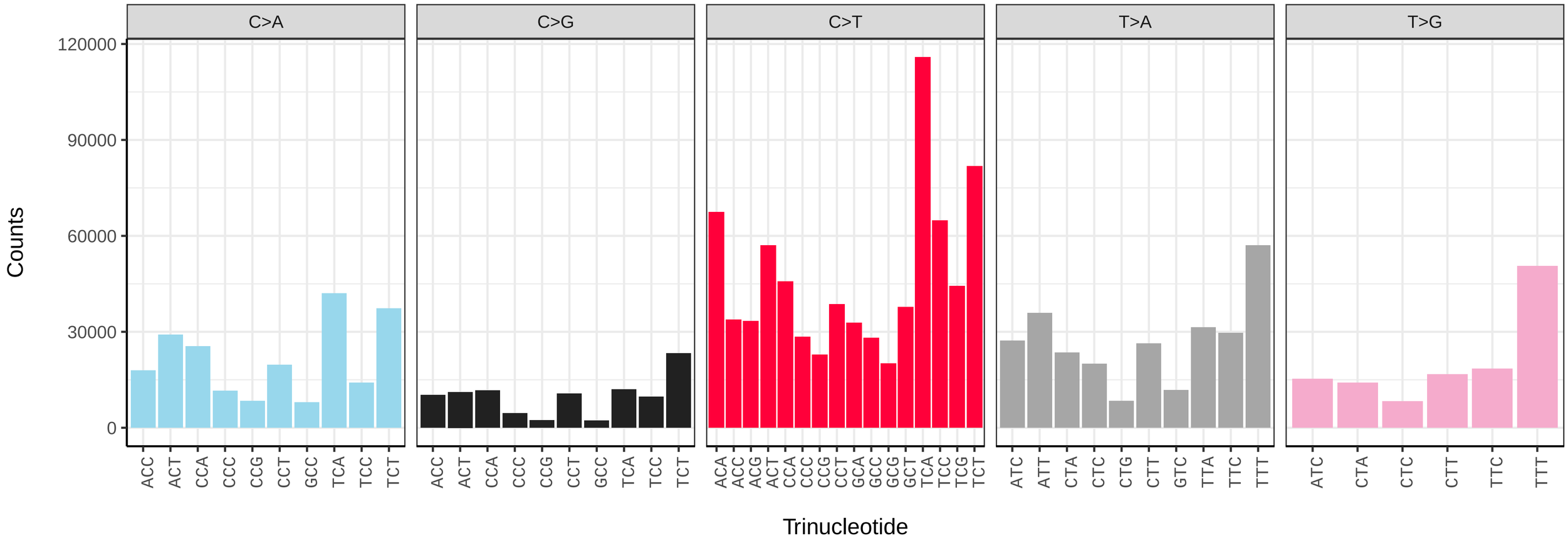
Lochmaea capreae (icLocCapr1) somatic mutational spectrum (SBS96 classification)



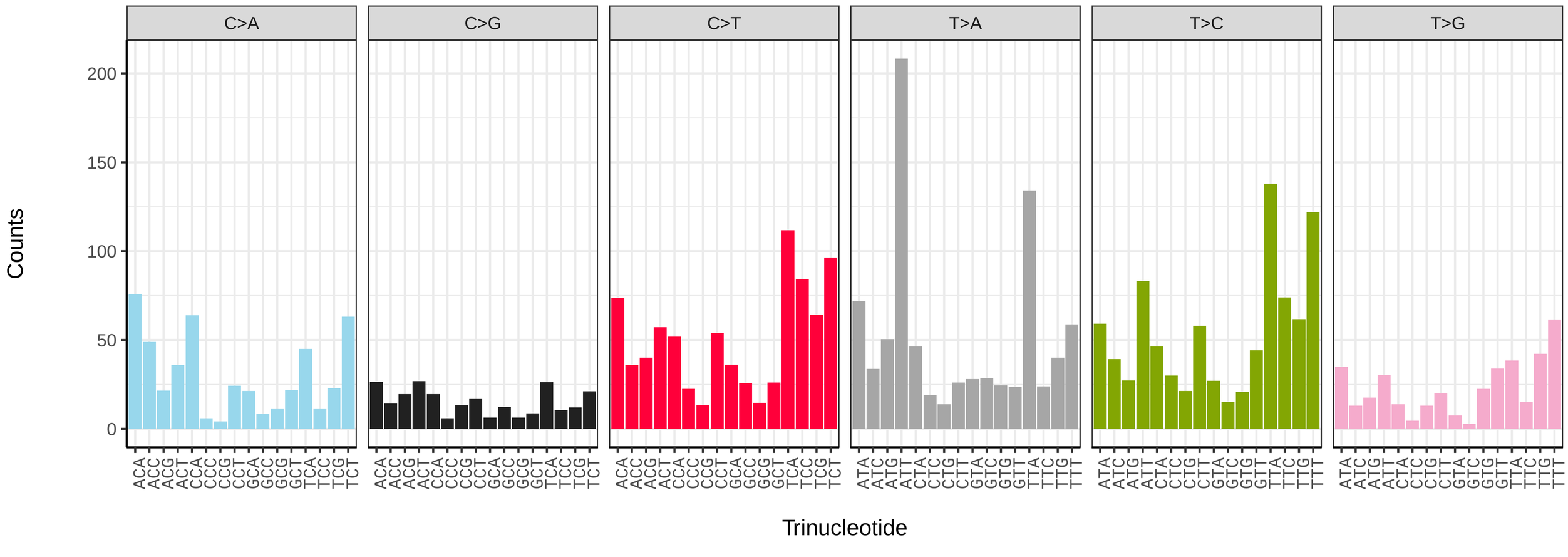
Lochmaea capreae (icLocCapr1) somatic mutational spectrum (SBS52 classification)



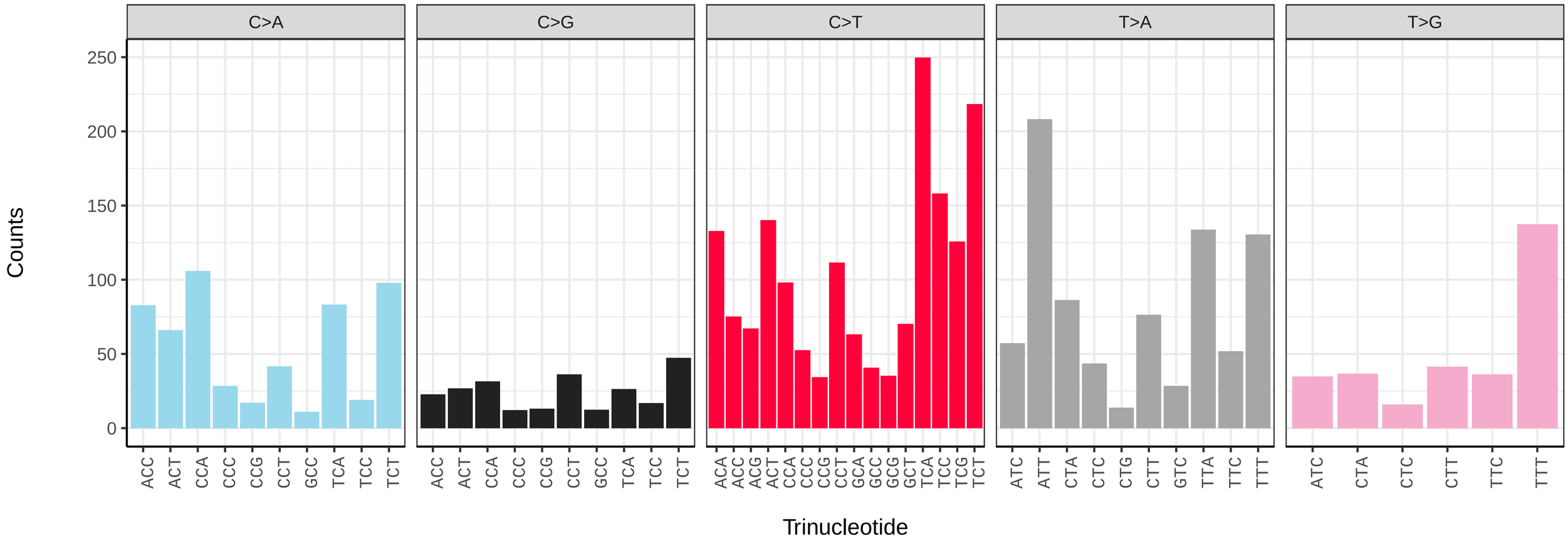
Lochmaea crataegi (icLocCrat2) germline mutational spectrum



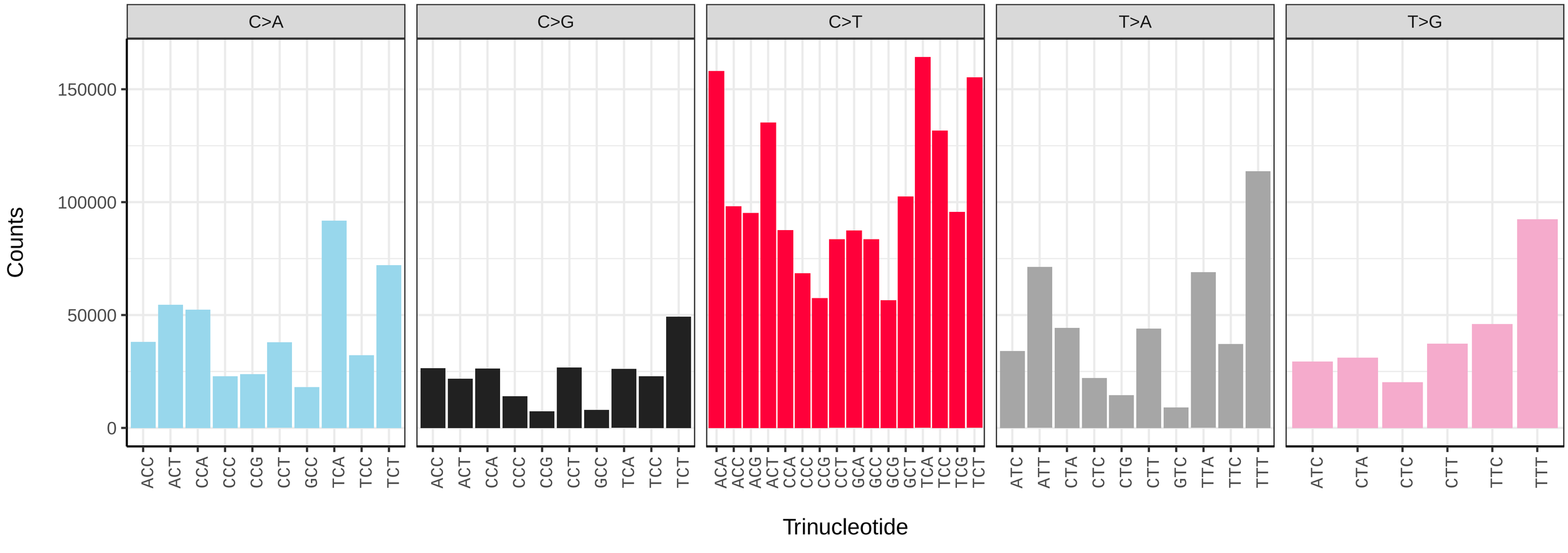
Lochmaea crataegi (icLocCrat2) somatic mutational spectrum (SBS96 classification)



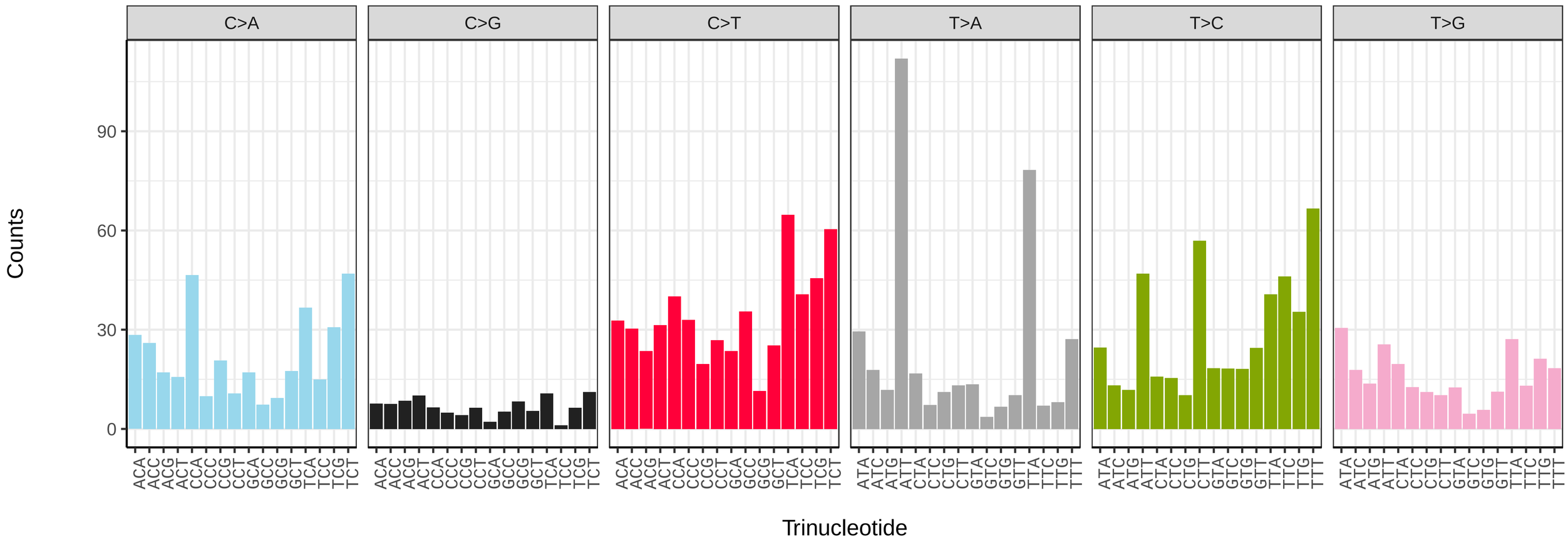
Lochmaea crataegi (icLocCrat2) somatic mutational spectrum (SBS52 classification)



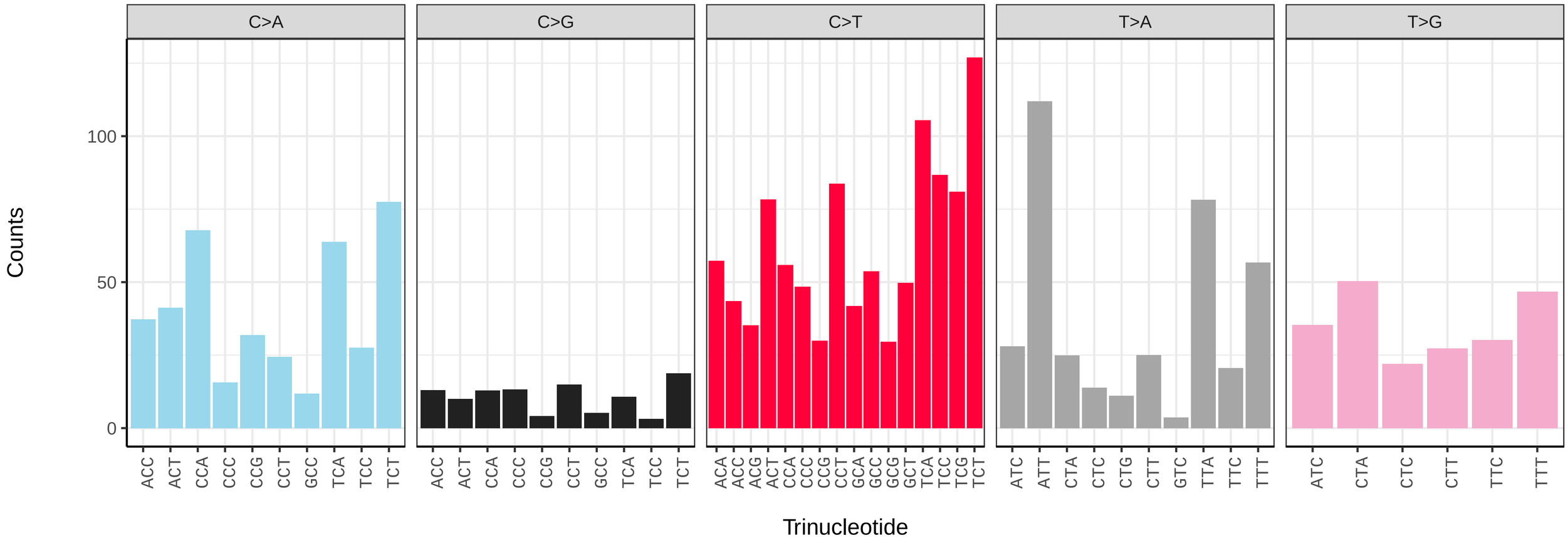
Malachius bipustulatus (icMalBipu1) germline mutational spectrum



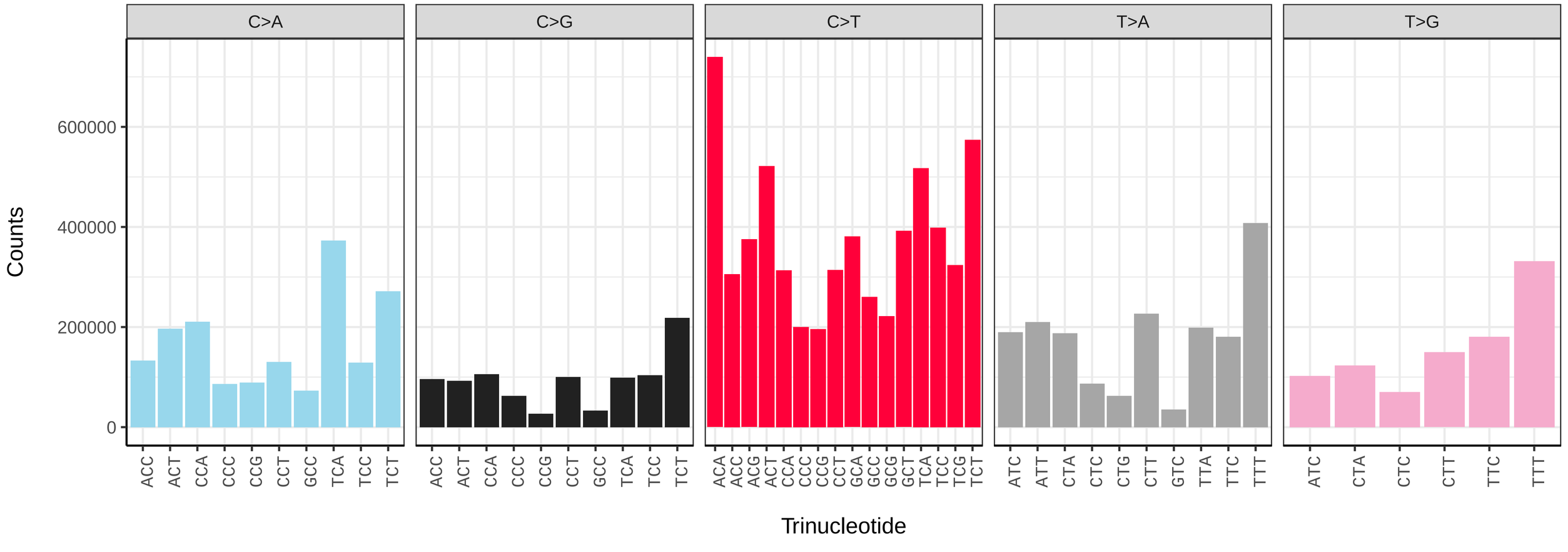
Malachius bipustulatus (icMalBipu1) somatic mutational spectrum (SBS96 classification)



Malachius bipustulatus (icMalBipu1) somatic mutational spectrum (SBS52 classification)



Melolontha melolontha (icMelMelo1) germline mutational spectrum



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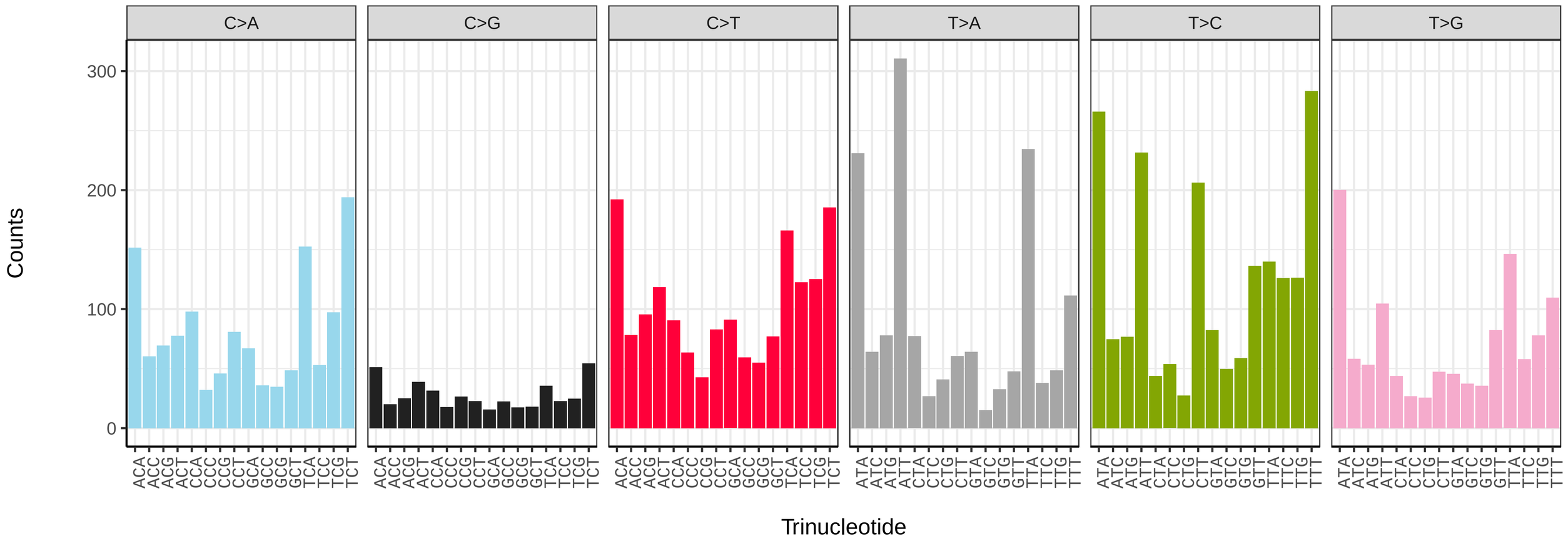
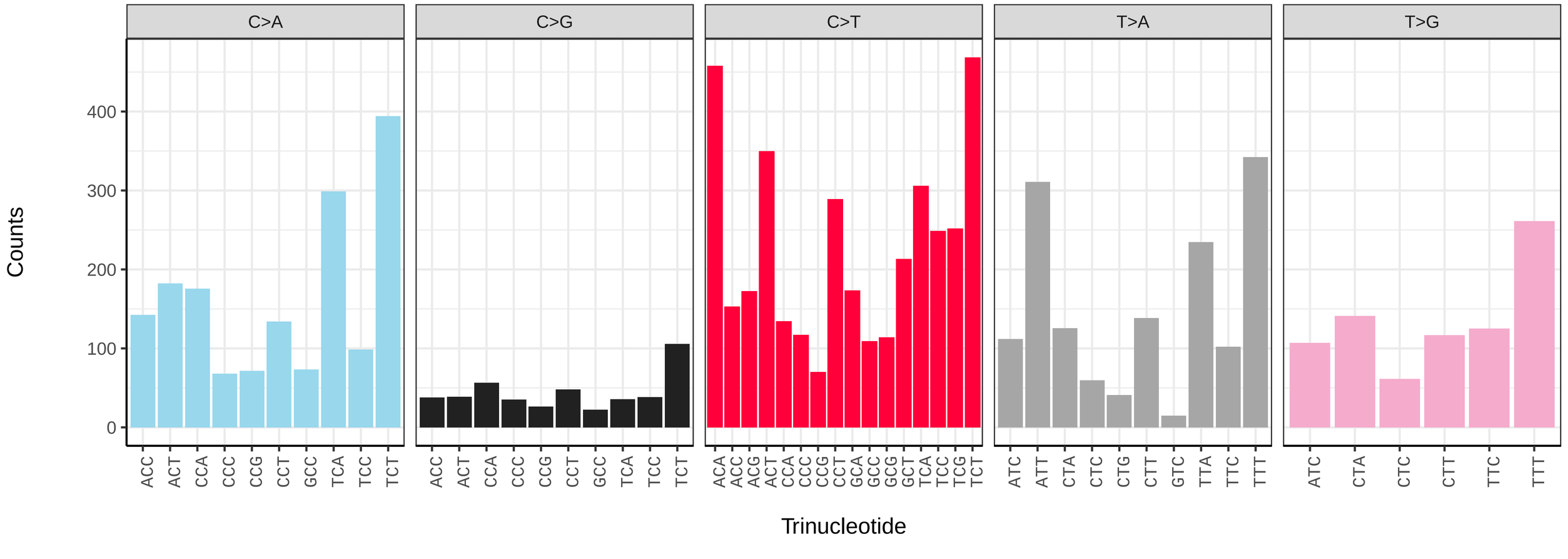
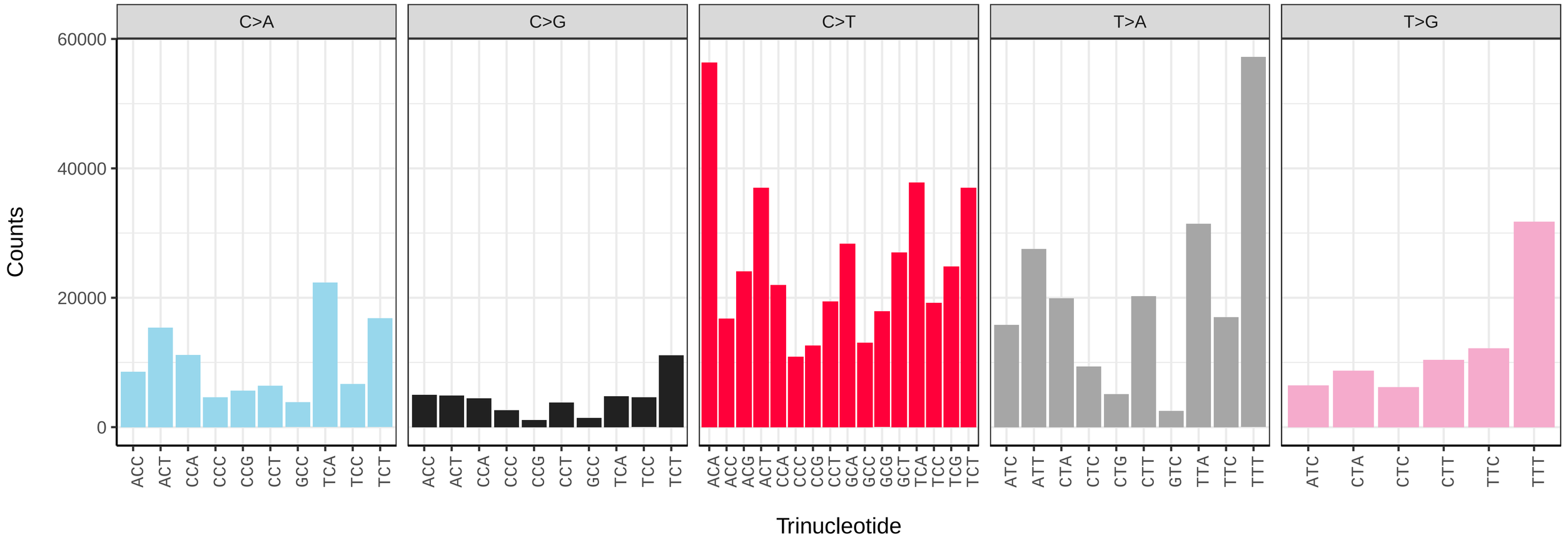


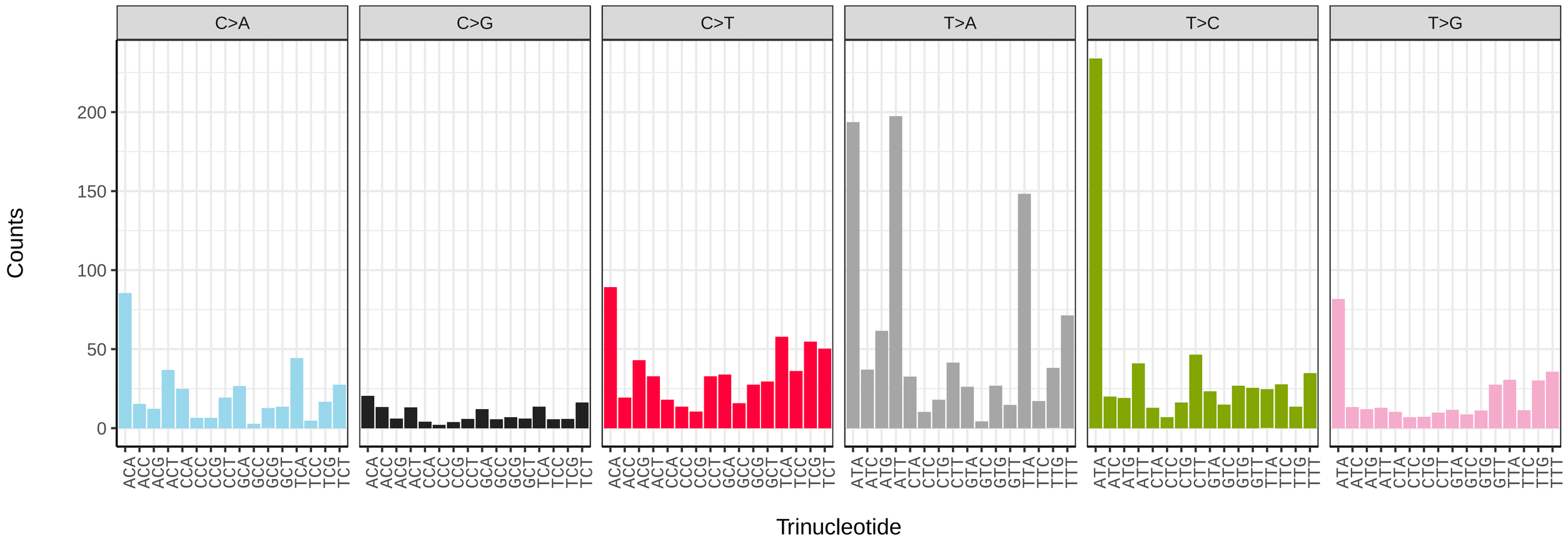
Melolontha melolontha (icMelMelo1) somatic mutational spectrum (SBS52 classification)



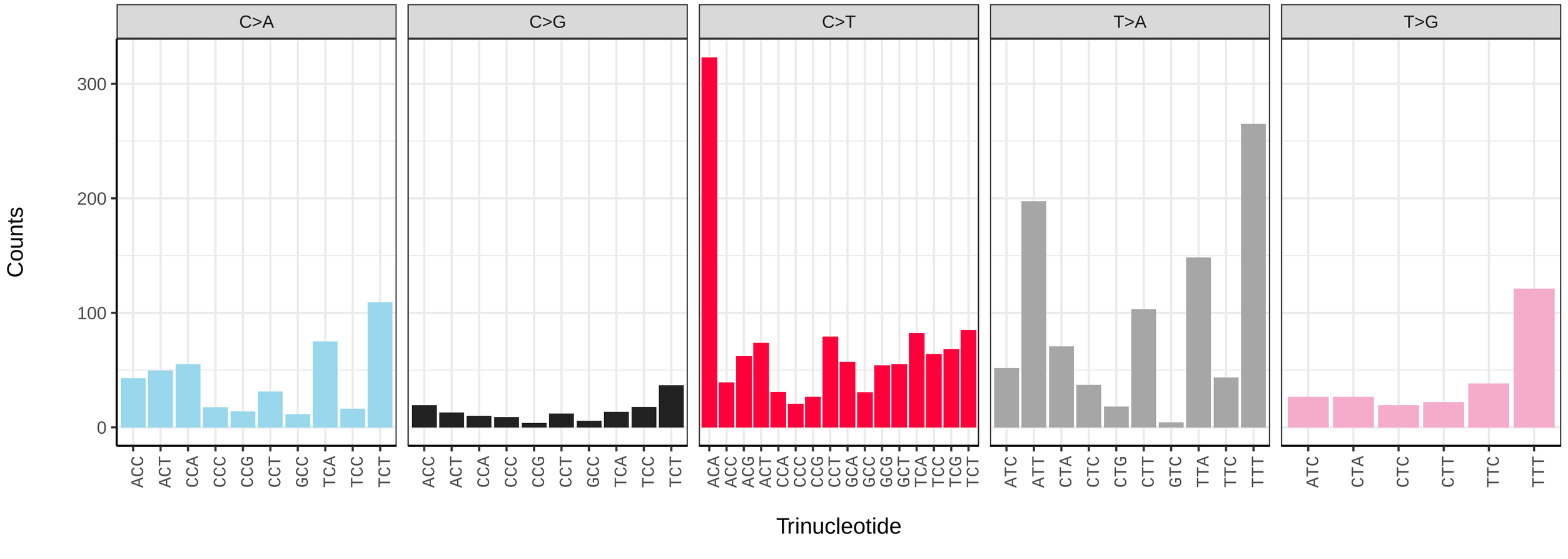
Nebria brevicollis (icNebBrev1) germline mutational spectrum



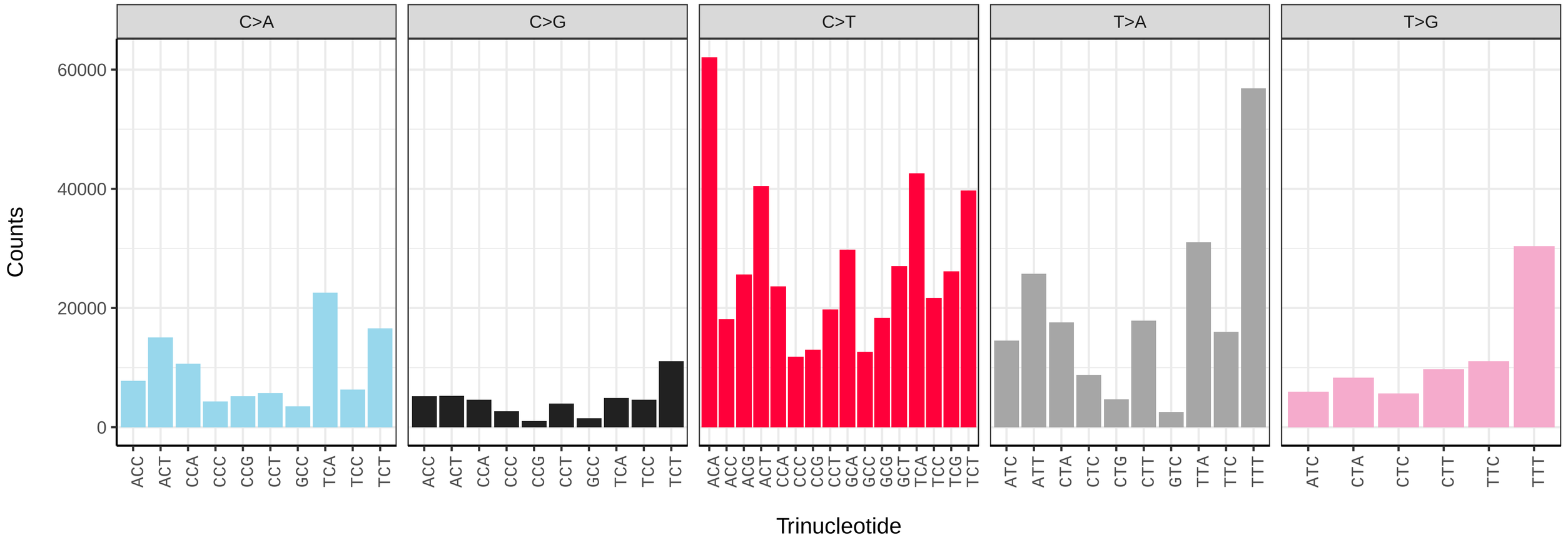
Nebria brevicollis (icNebBrev1) somatic mutational spectrum (SBS96 classification)



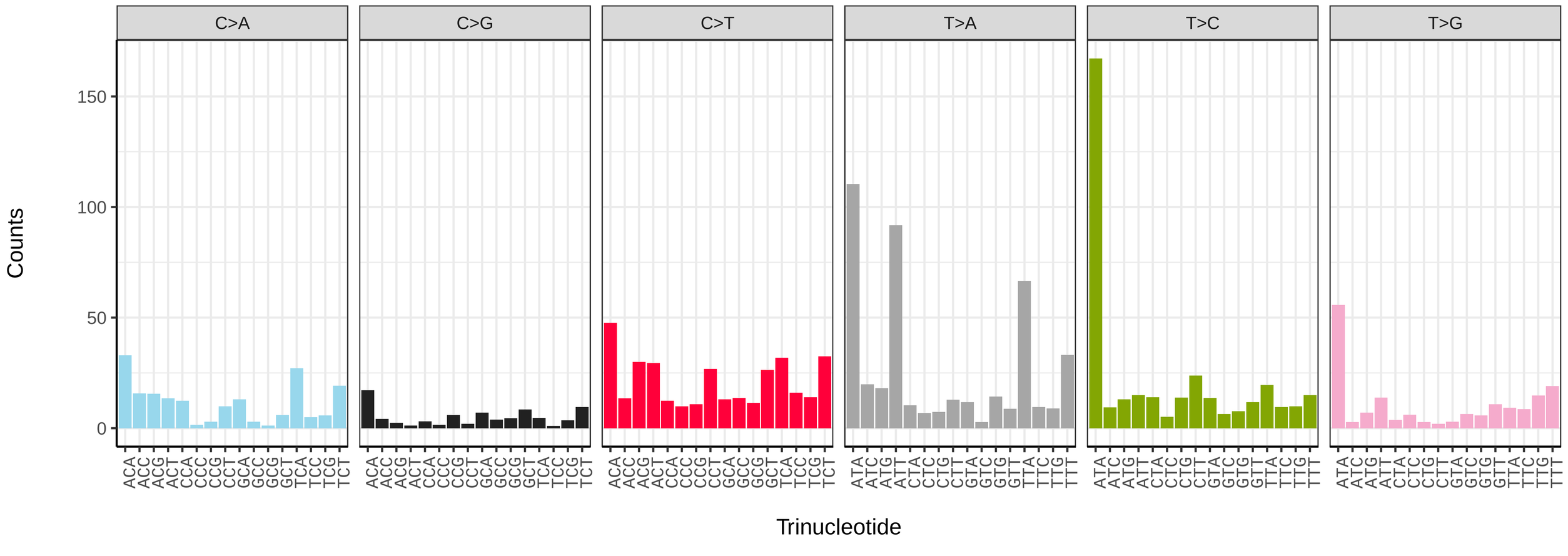
Nebria brevicollis (icNebBrev1) somatic mutational spectrum (SBS52 classification)



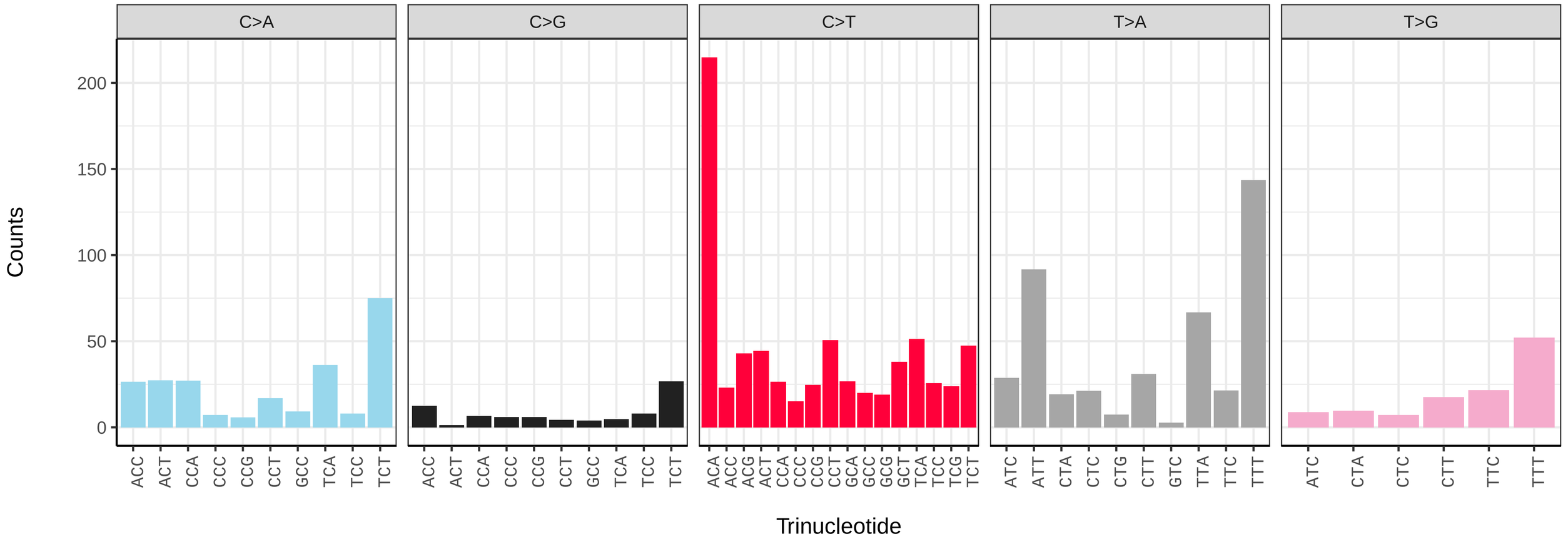
Nebria salina (icNebSali1) germline mutational spectrum



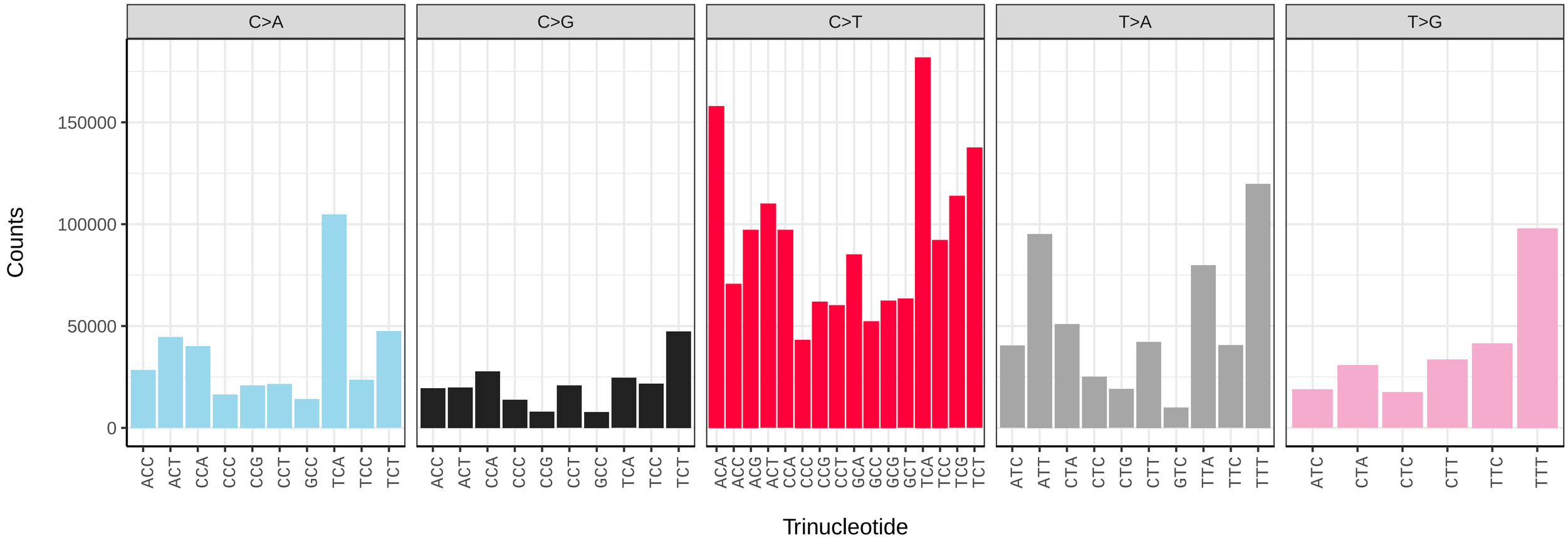
Nebria salina (icNebSali1) somatic mutational spectrum (SBS96 classification)



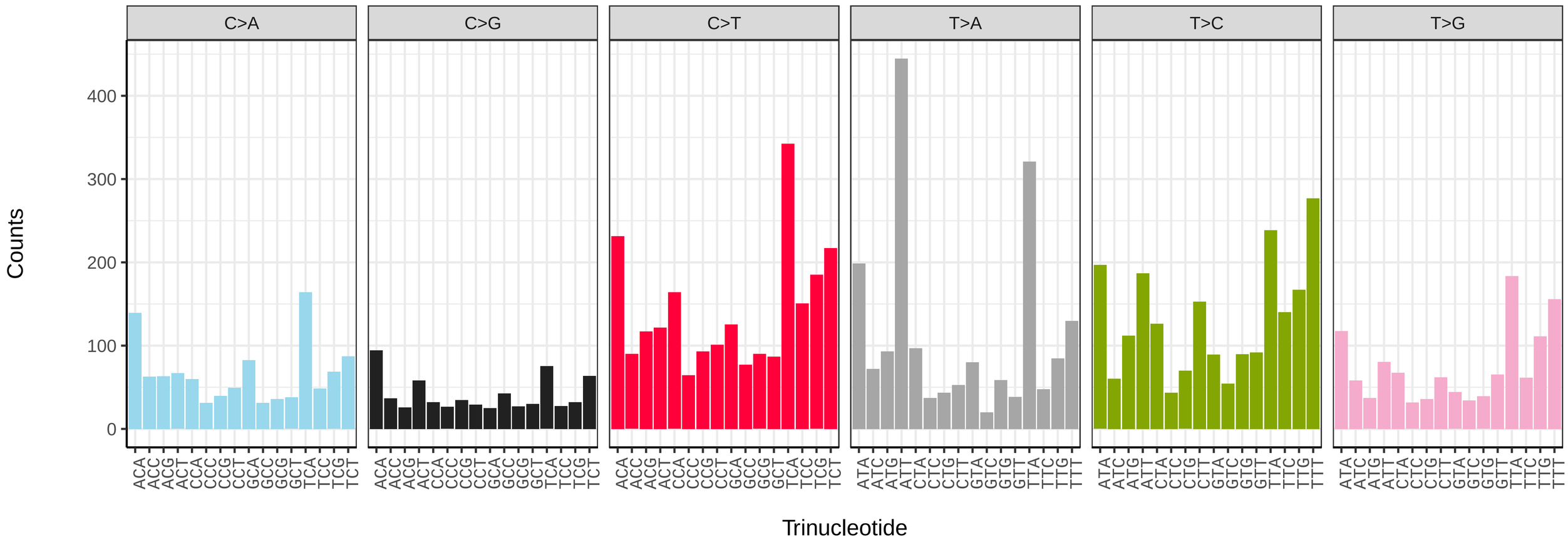
Nebria salina (icNebSali1) somatic mutational spectrum (SBS52 classification)



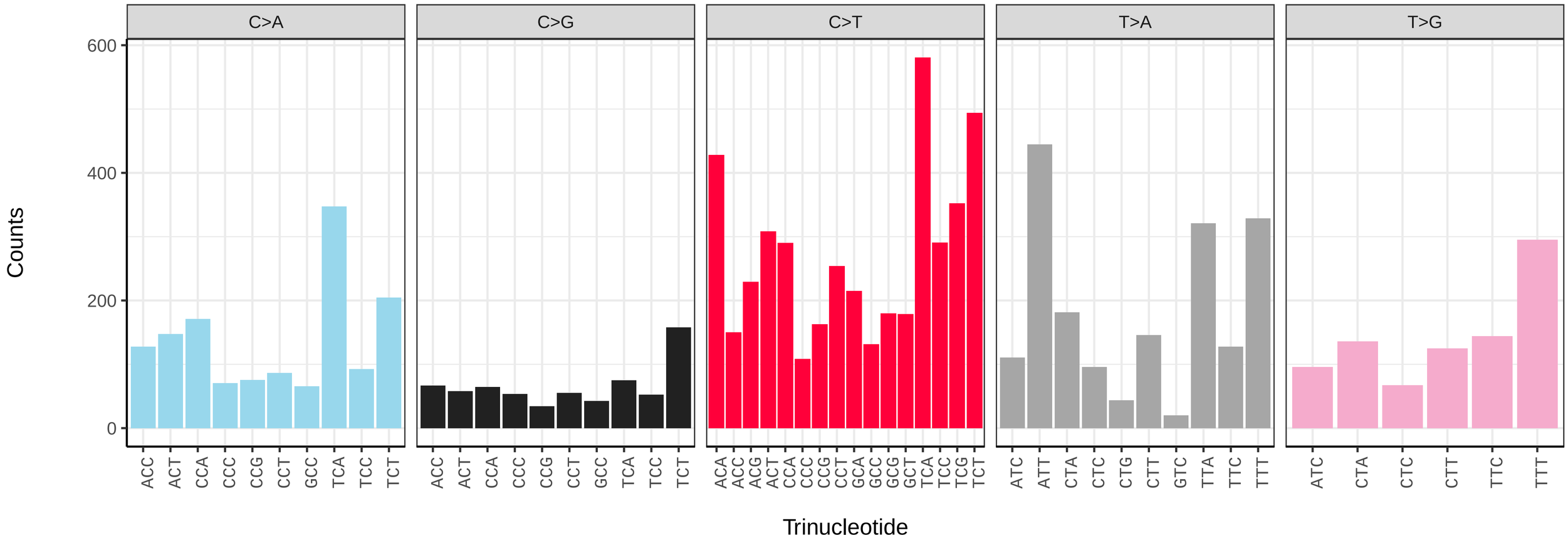
Ocypus olens (icOcyOlen1) germline mutational spectrum



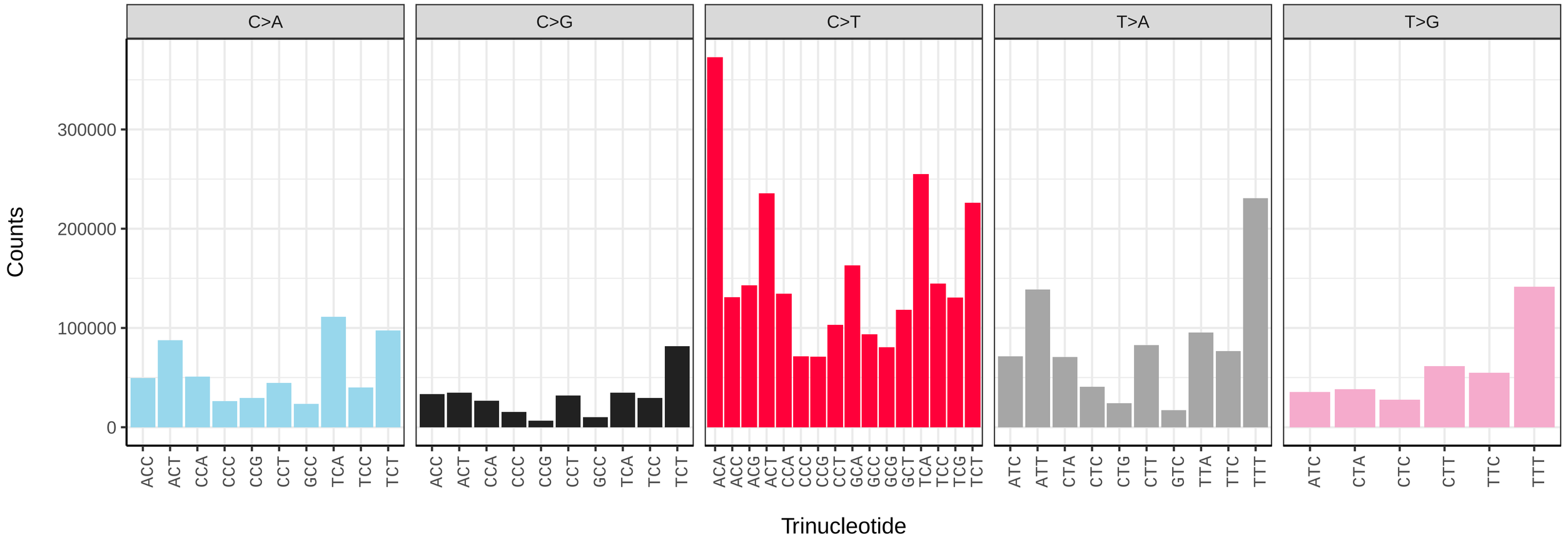
Ocypus olens (icOcyOlen1) somatic mutational spectrum (SBS96 classification)



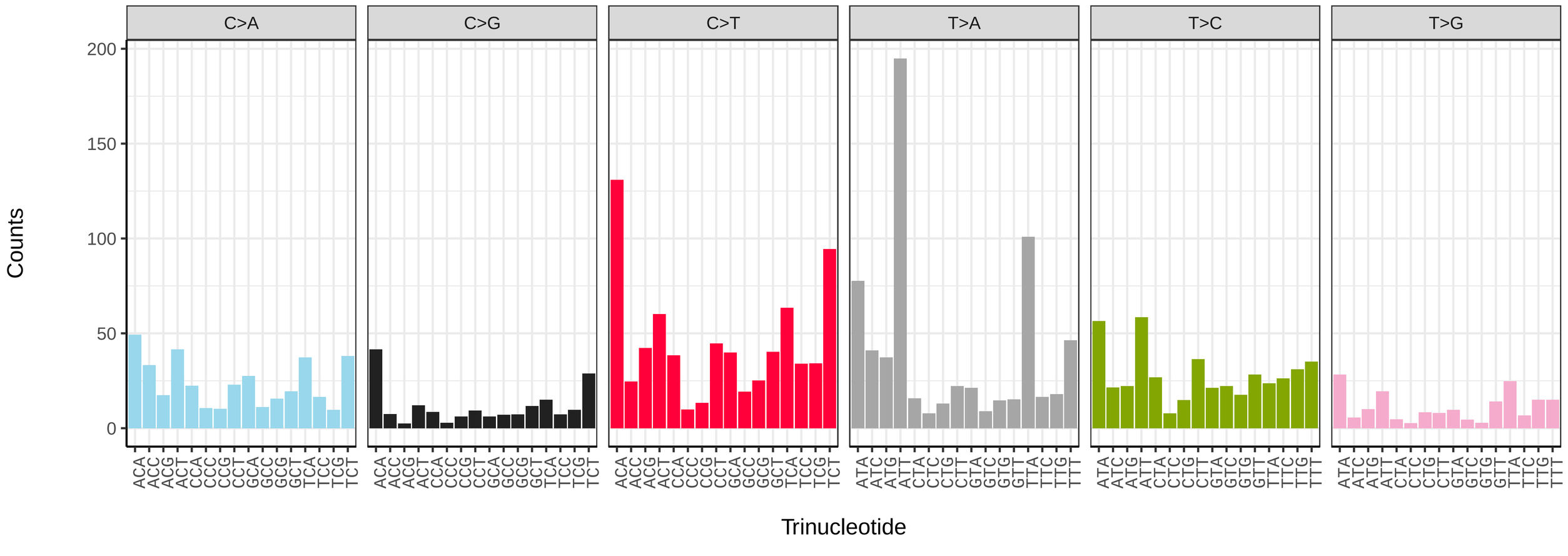
Ocypus olens (icOcyOlen1) somatic mutational spectrum (SBS52 classification)



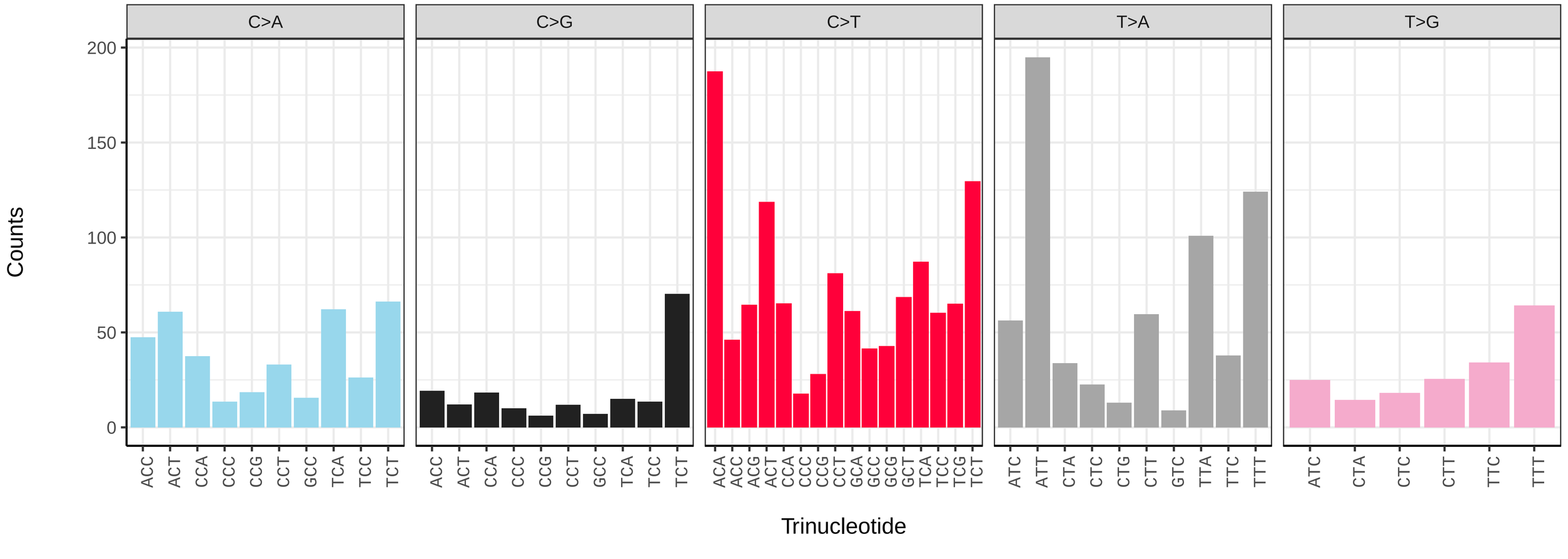
Ophonus ardosiacus (icOphArdo1) germline mutational spectrum



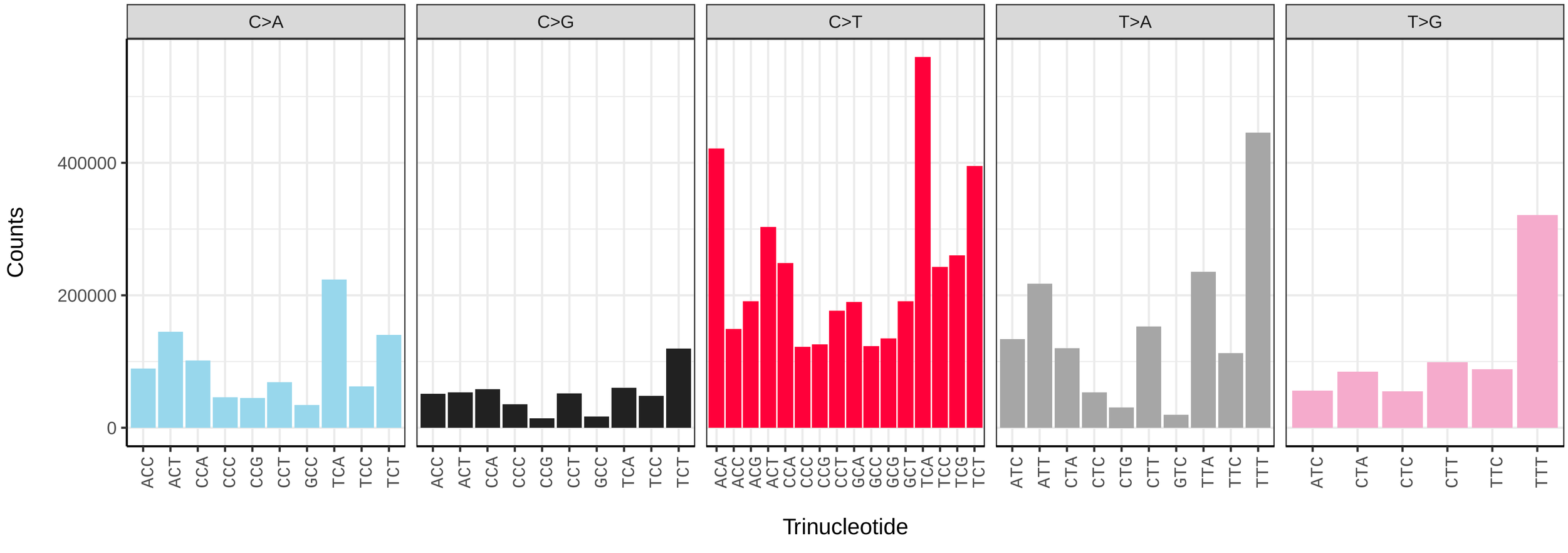
Ophonus ardosiacus (icOphArdo1) somatic mutational spectrum (SBS96 classification)



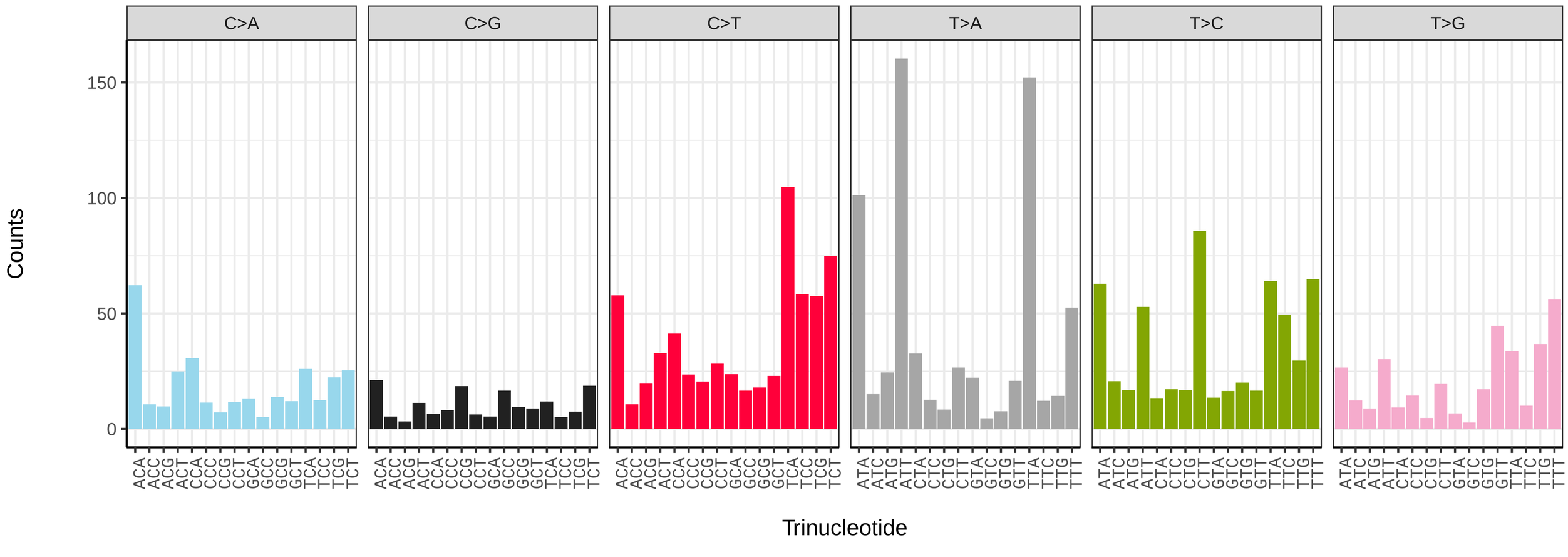
Ophonus ardosiacus (icOphArdo1) somatic mutational spectrum (SBS52 classification)



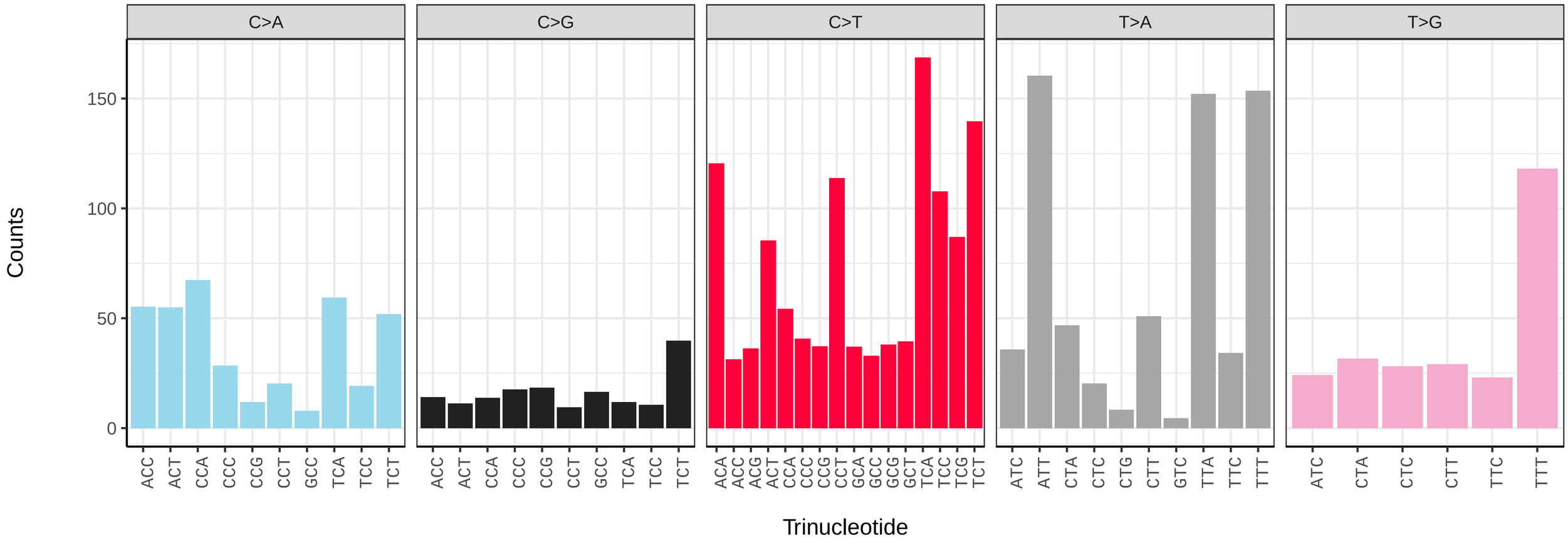
Philonthus cognatus (icPhiCogn1) germline mutational spectrum



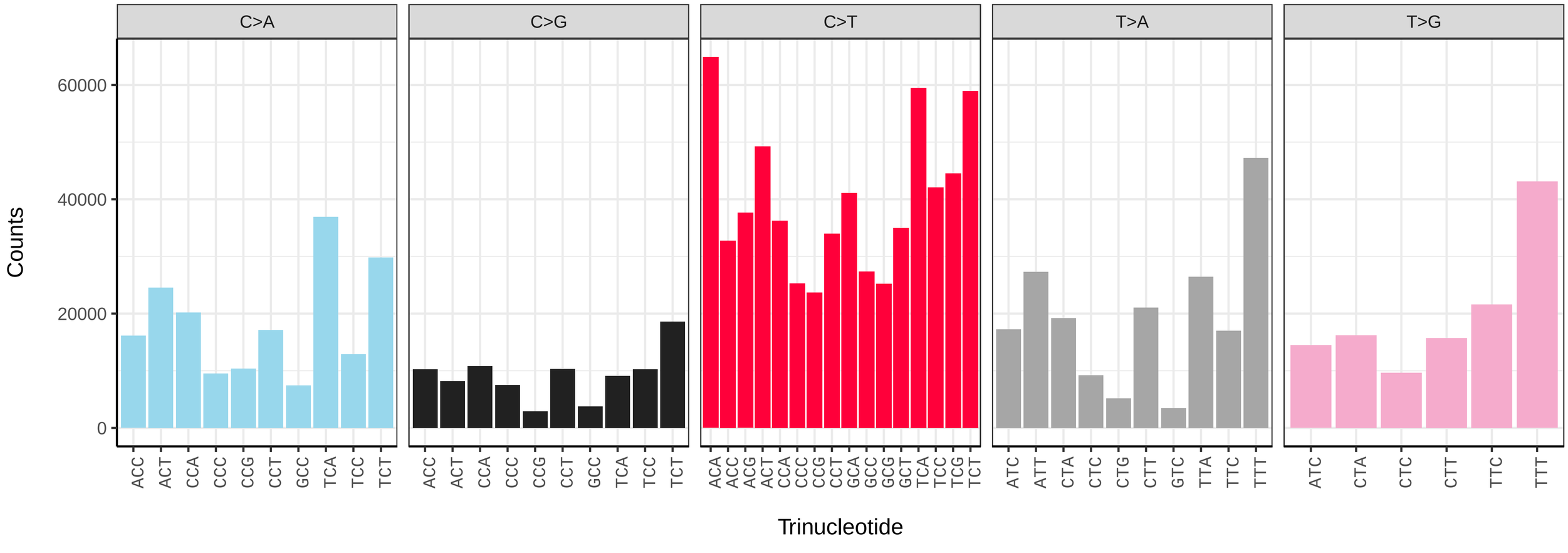
Philonthus cognatus (icPhiCogn1) somatic mutational spectrum (SBS96 classification)



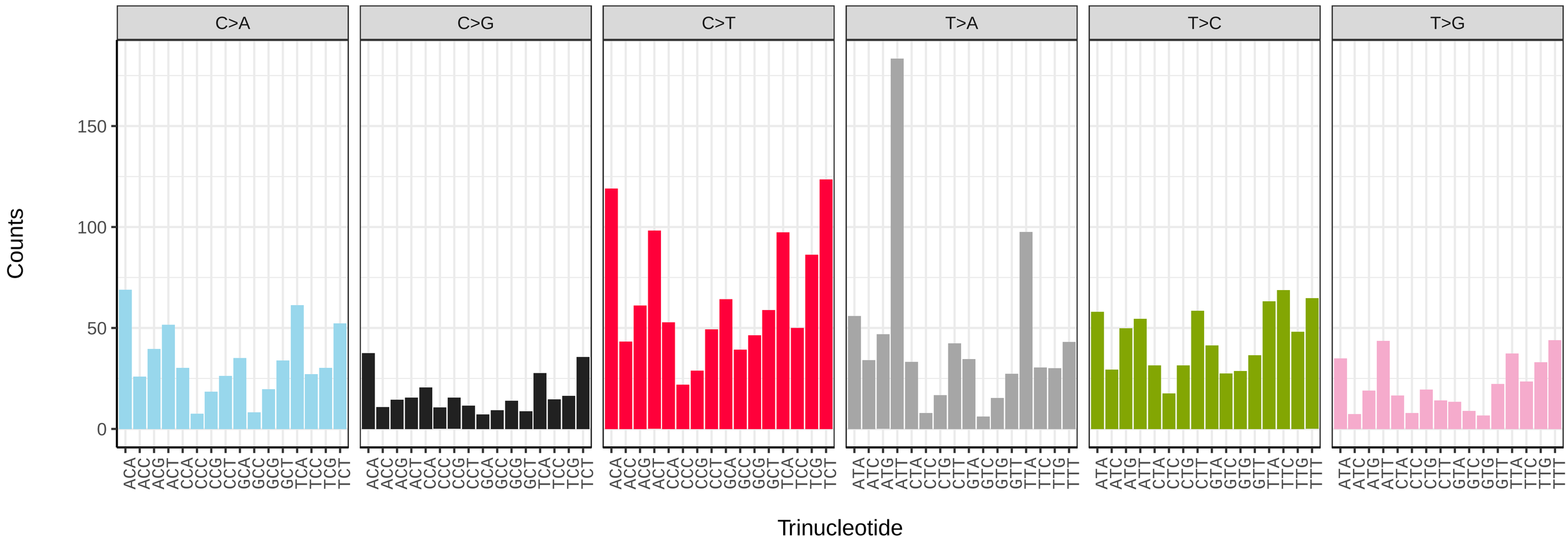
Philonthus cognatus (icPhiCogn1) somatic mutational spectrum (SBS52 classification)



Podabrus alpinus (icPodAlpi1) germline mutational spectrum



Podabrus alpinus (icPodAlpi1) somatic mutational spectrum (SBS96 classification)



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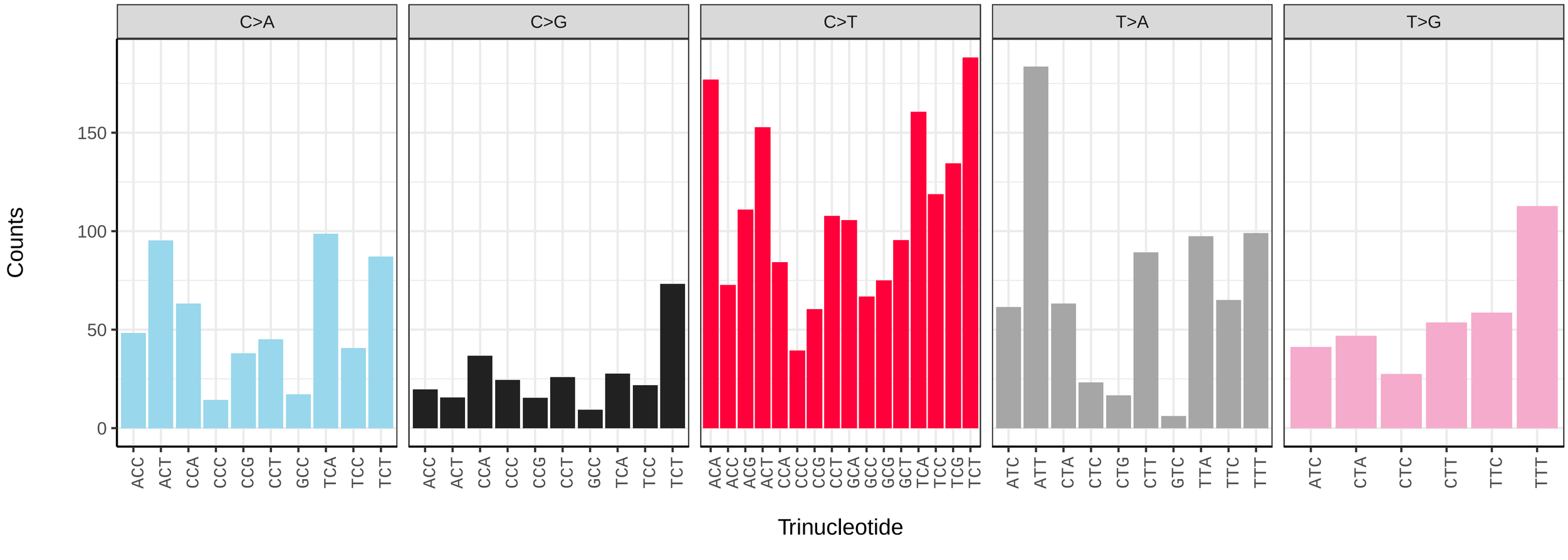
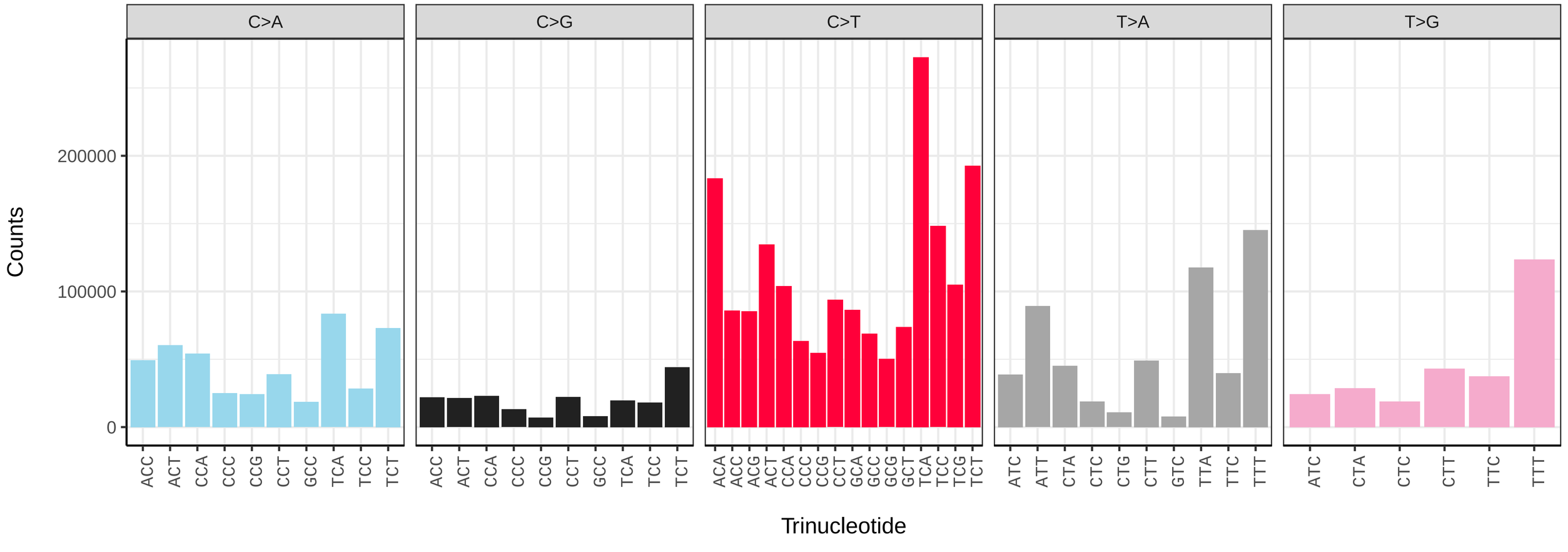
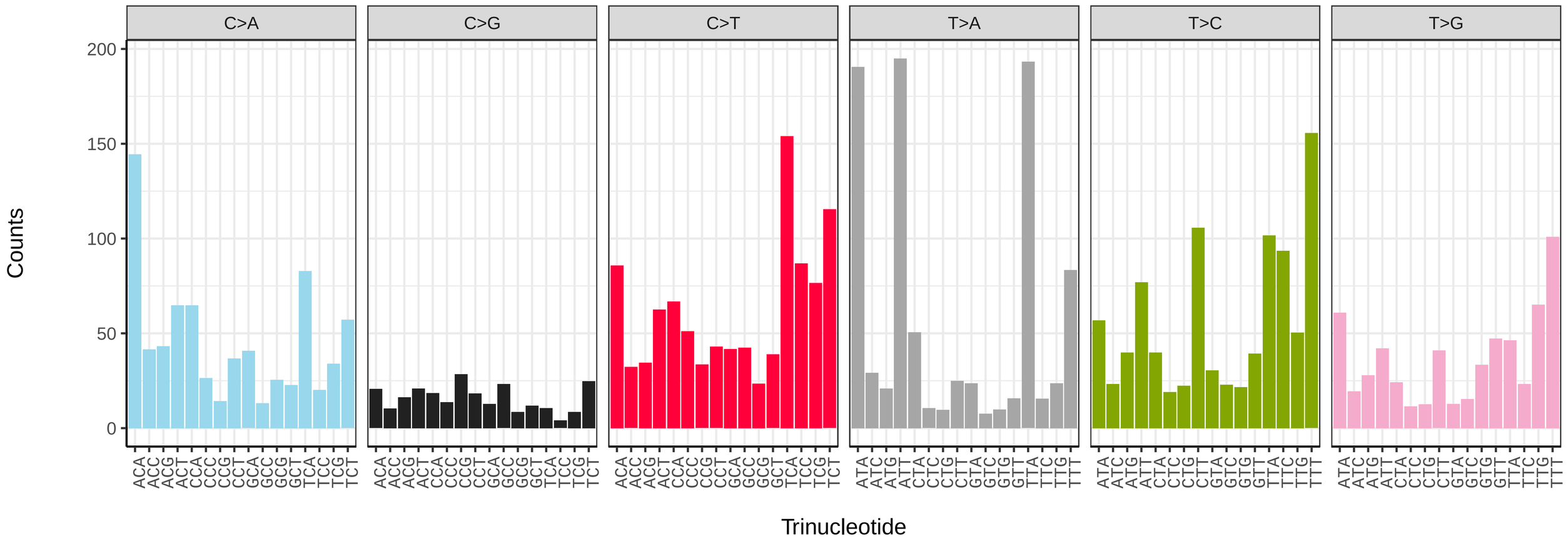


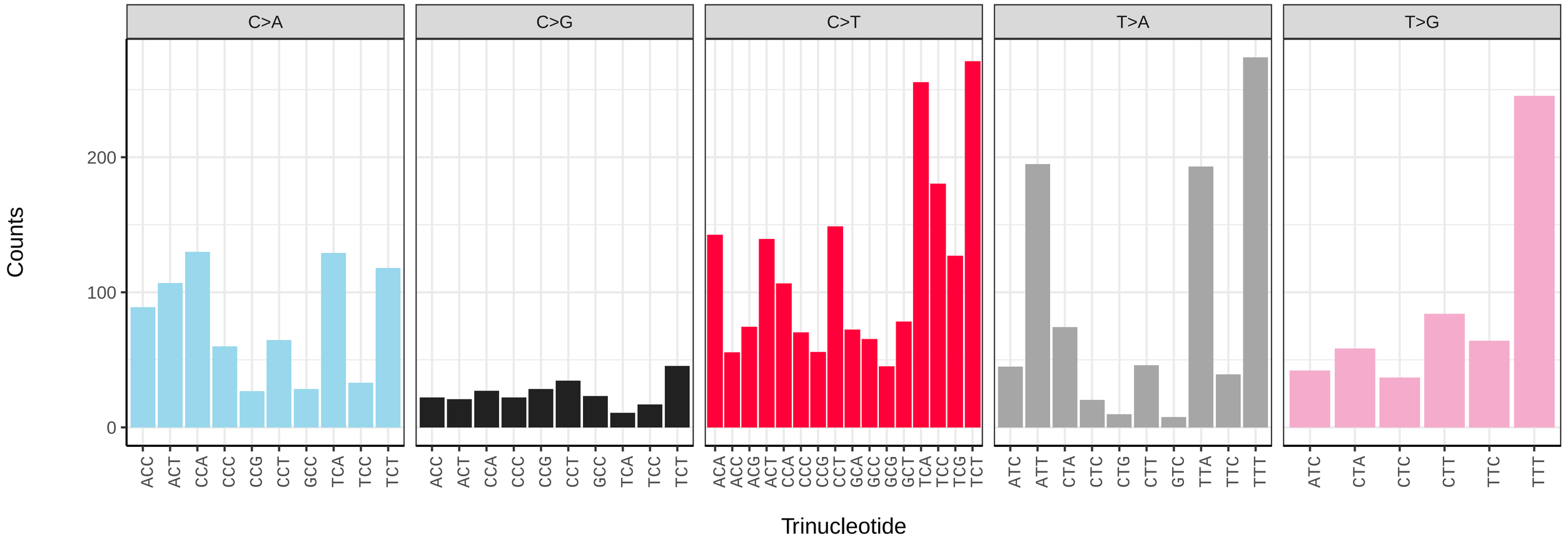
Polydrusus cervinus (icPolCerv1) germline mutational spectrum



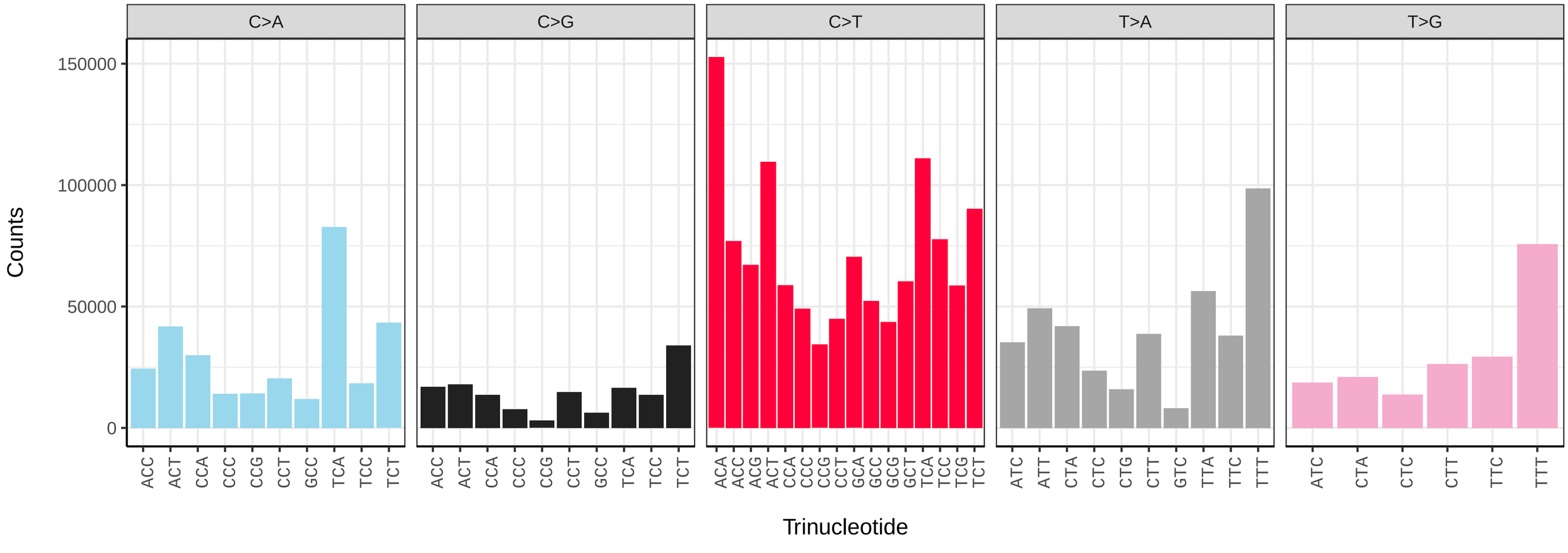
Polydrusus cervinus (icPolCerv1) somatic mutational spectrum (SBS96 classification)



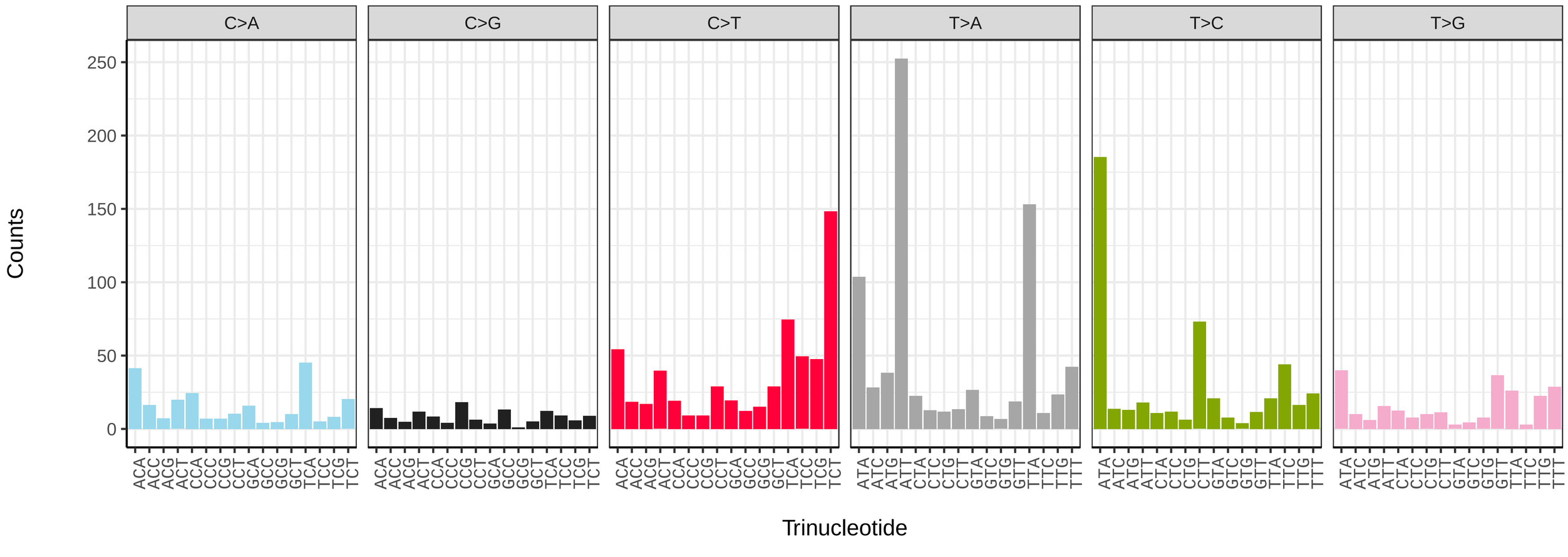
Polydrusus cervinus (icPolCerv1) somatic mutational spectrum (SBS52 classification)



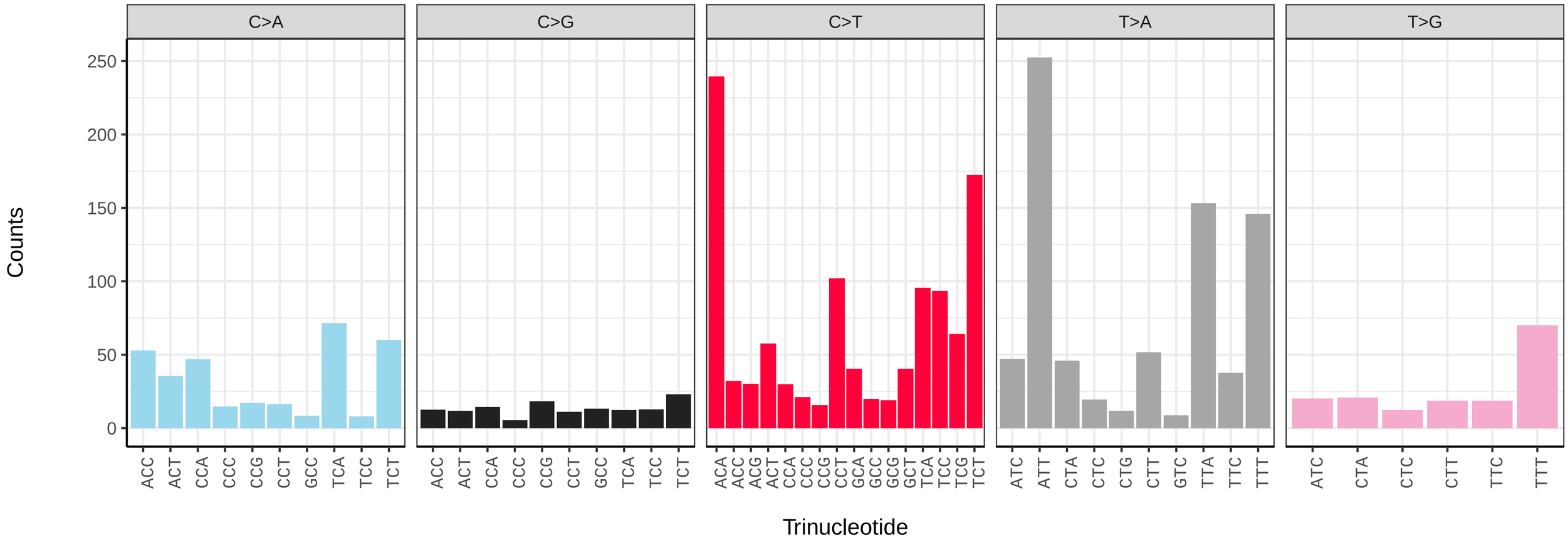
Pterostichus madidus (icPteMadi1) germline mutational spectrum



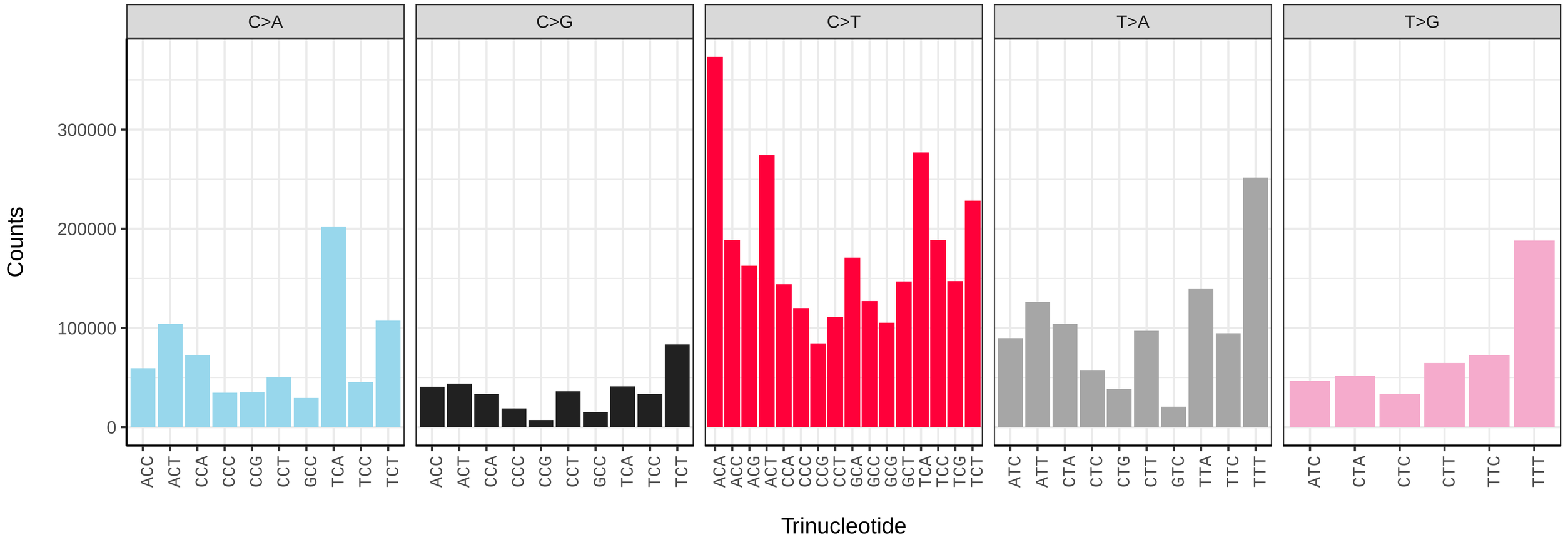
Pterostichus madidus (icPteMadi1) somatic mutational spectrum (SBS96 classification)



Pterostichus madidus (icPteMadi1) somatic mutational spectrum (SBS52 classification)



Pterostichus madidus (icPteMadi1.icPteMadi3) germline mutational spectrum



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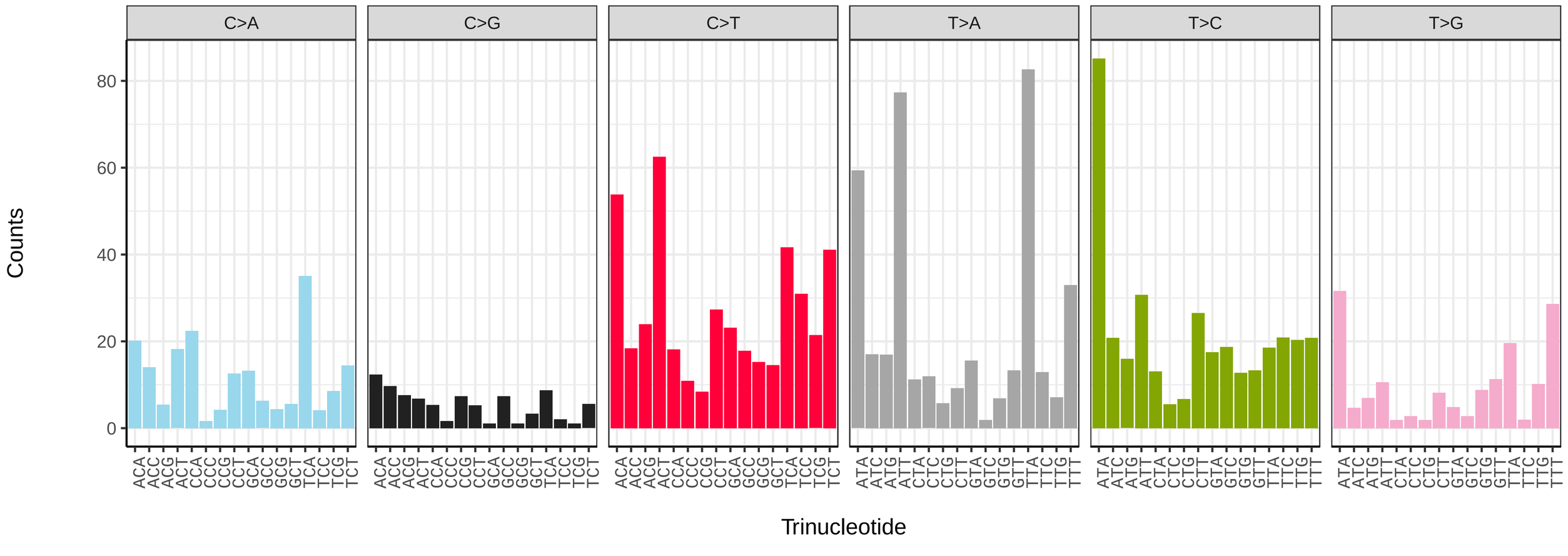
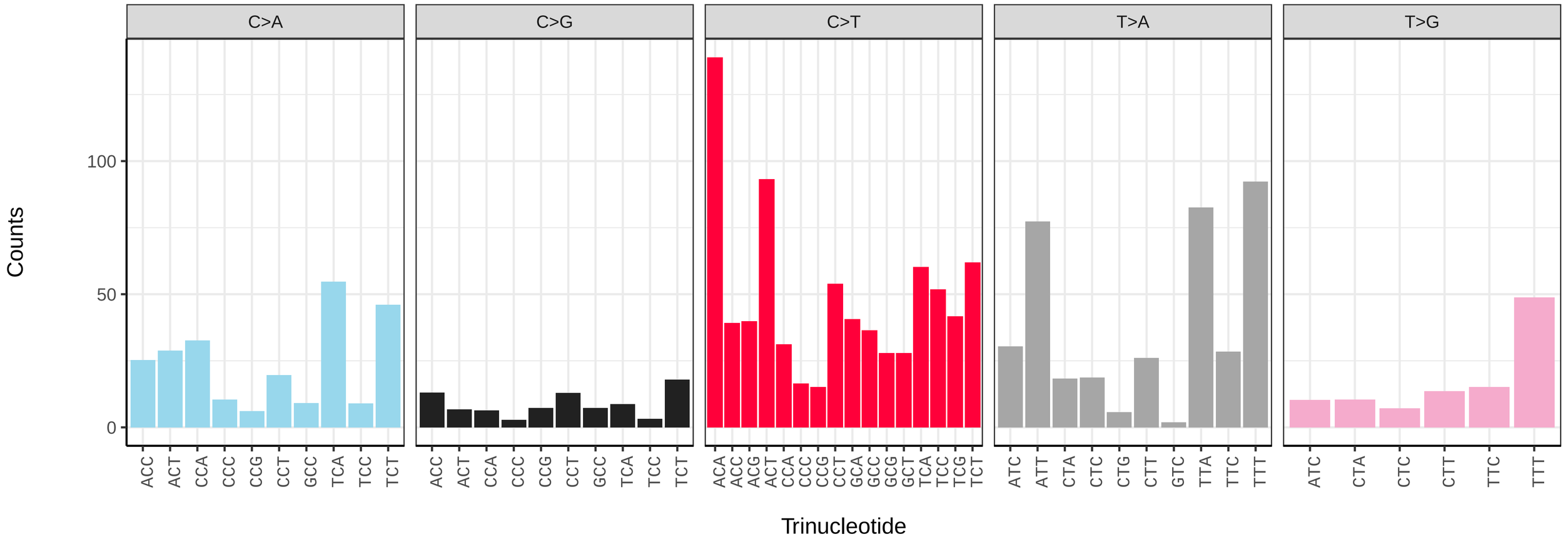
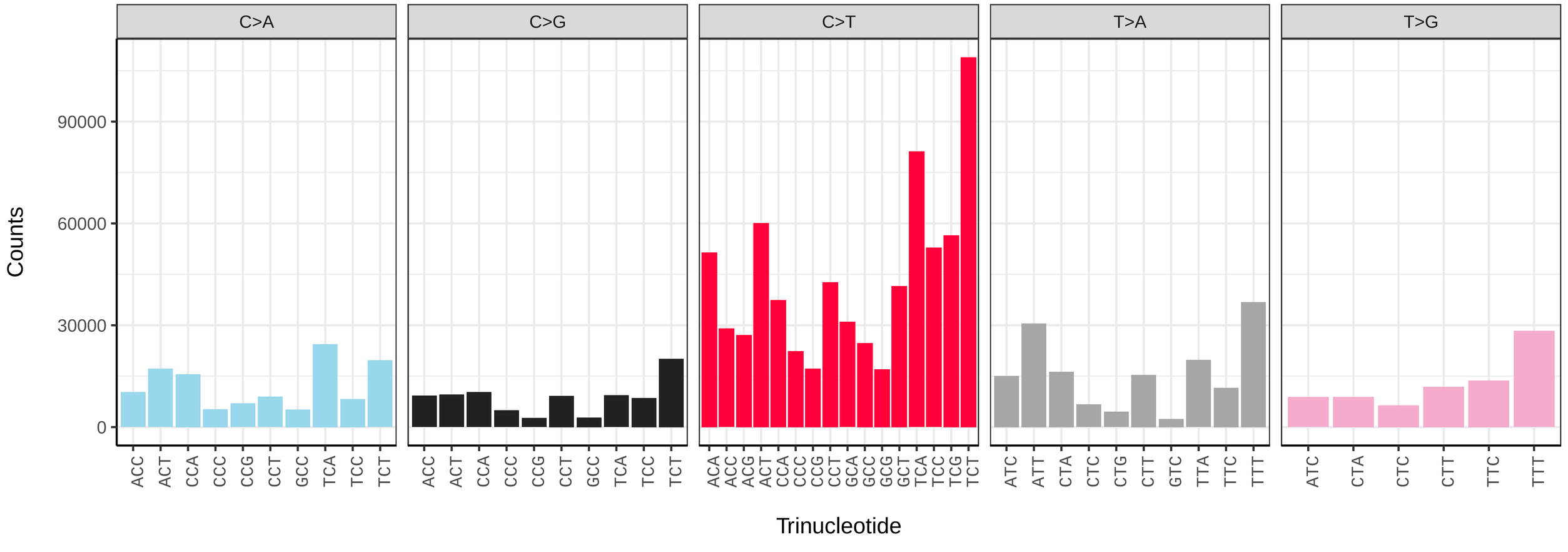


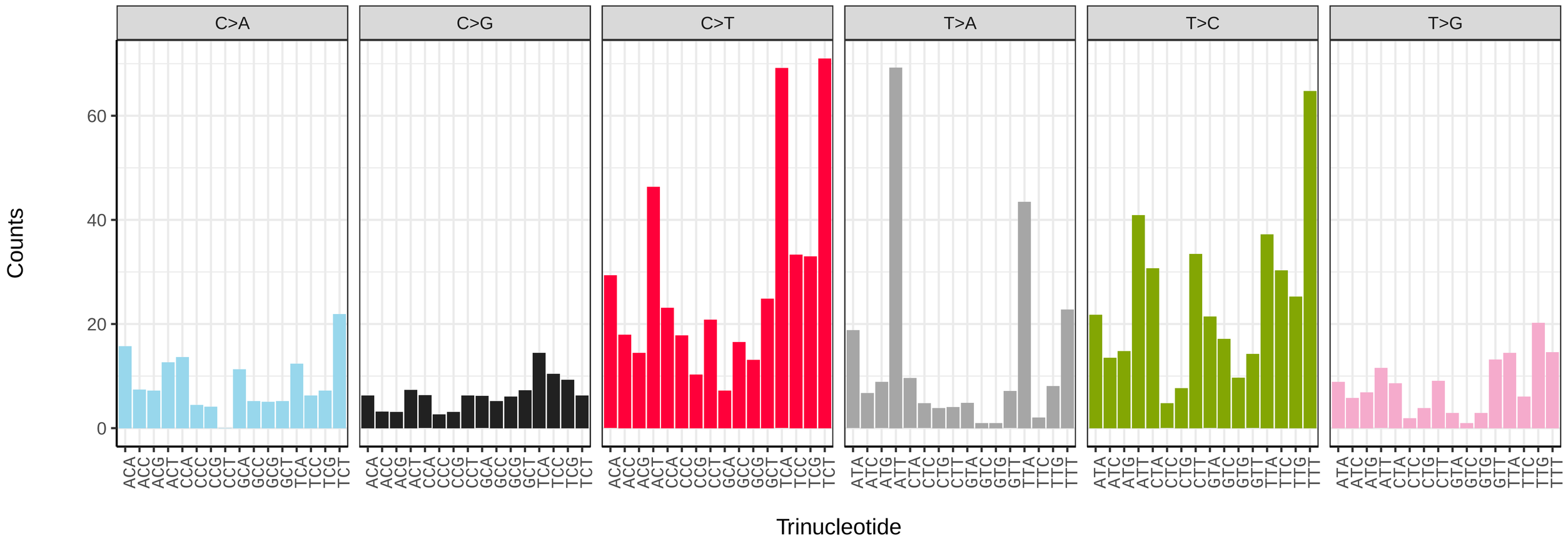
Pterostichus madidus (icPteMadi1.icPteMadi3) somatic mutational spectrum (SBS52 classification)



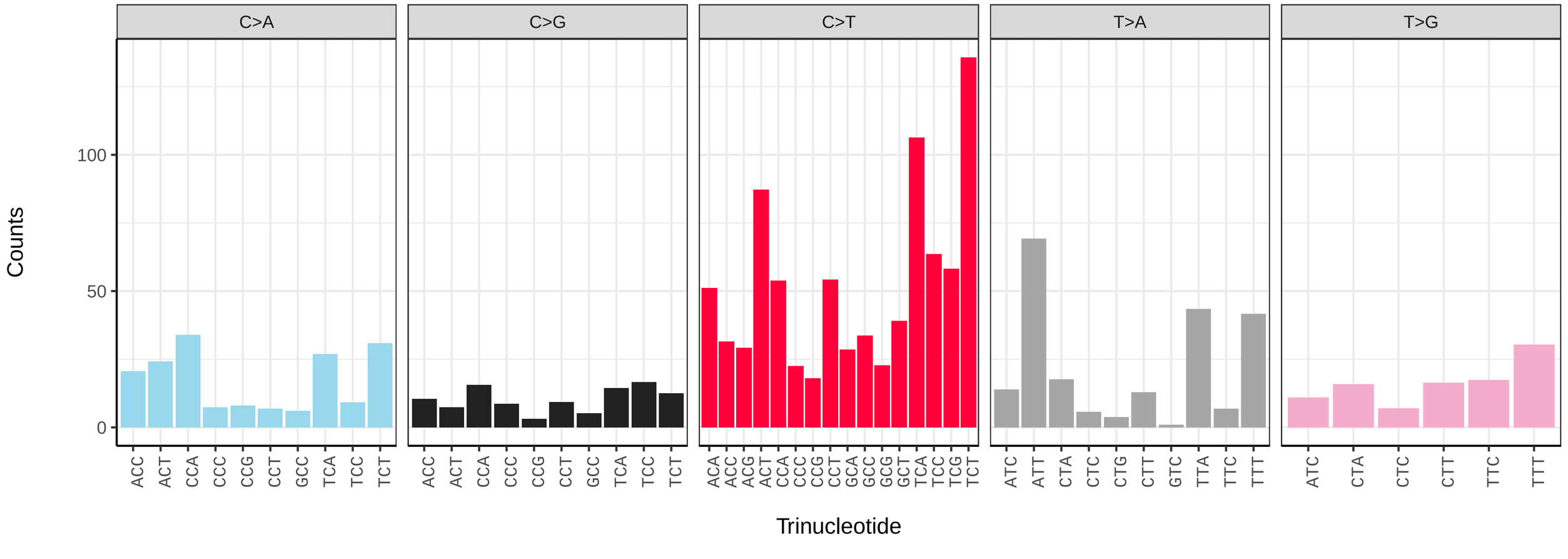
Pyrochroa serraticornis (icPyrSerr1) germline mutational spectrum



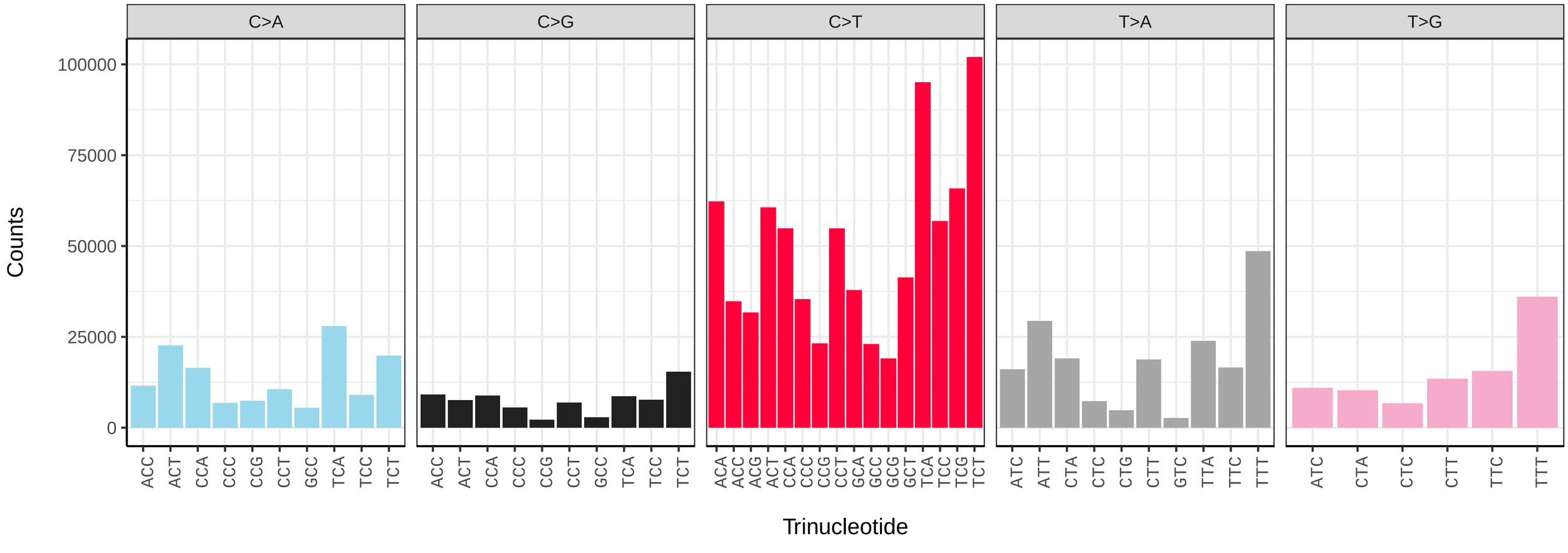
Pyrochroa serraticornis (icPyrSerr1) somatic mutational spectrum (SBS96 classification)



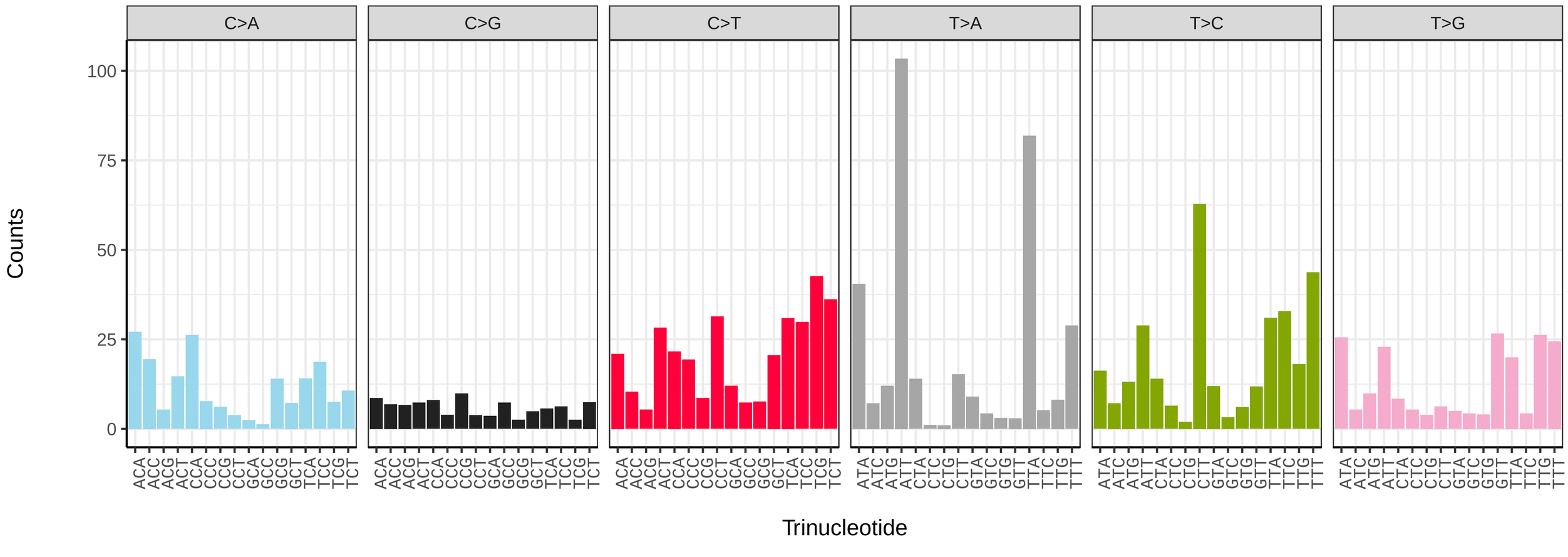
Pyrochroa serraticornis (icPyrSerr1) somatic mutational spectrum (SBS52 classification)



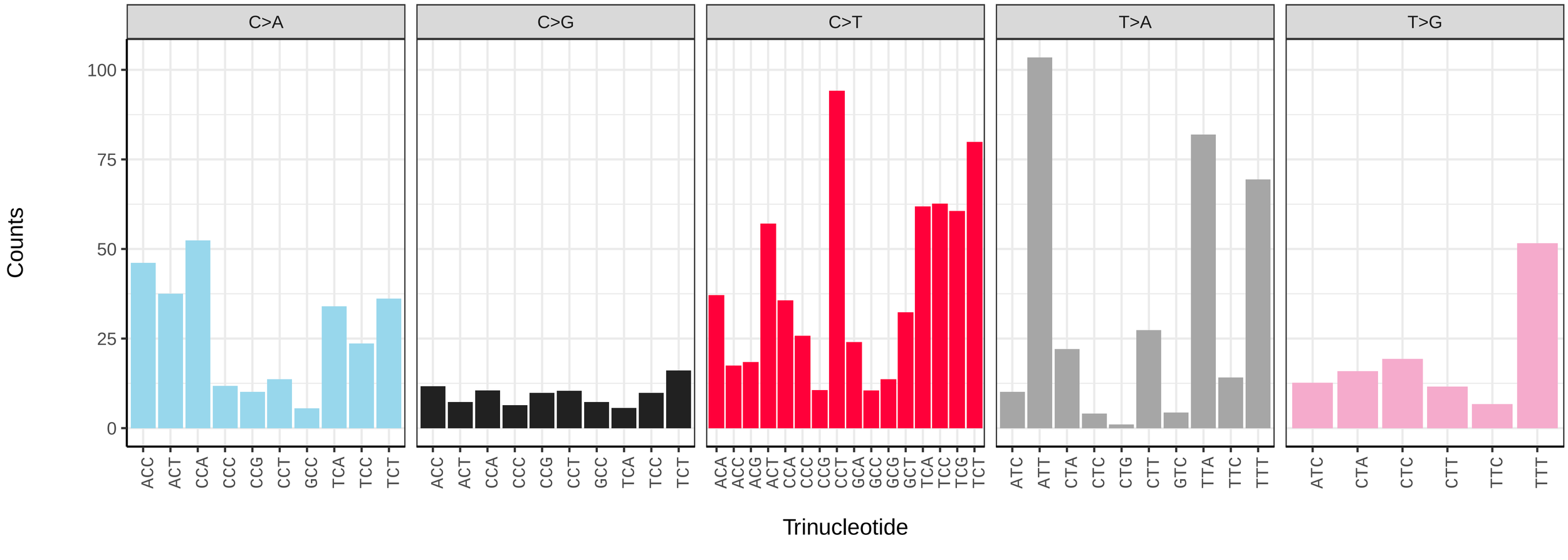
Rhagonycha fulva (icRhaFulv1) germline mutational spectrum



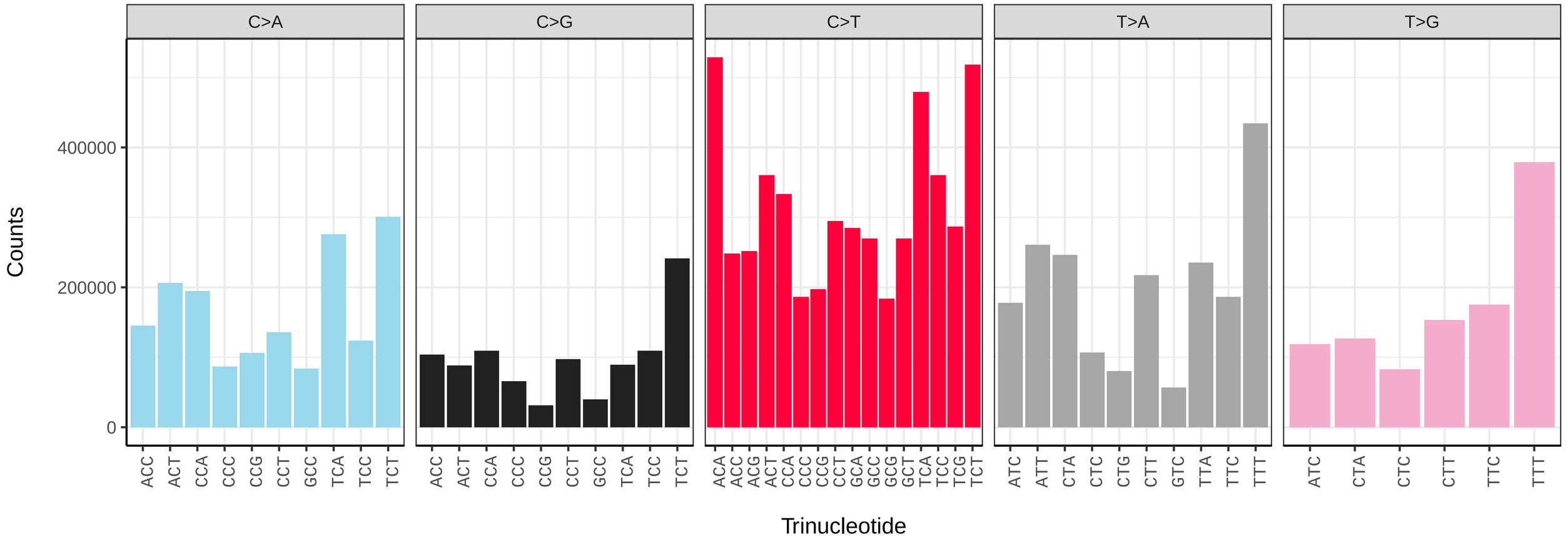
Rhagonycha fulva (icRhaFulv1) somatic mutational spectrum (SBS96 classification)



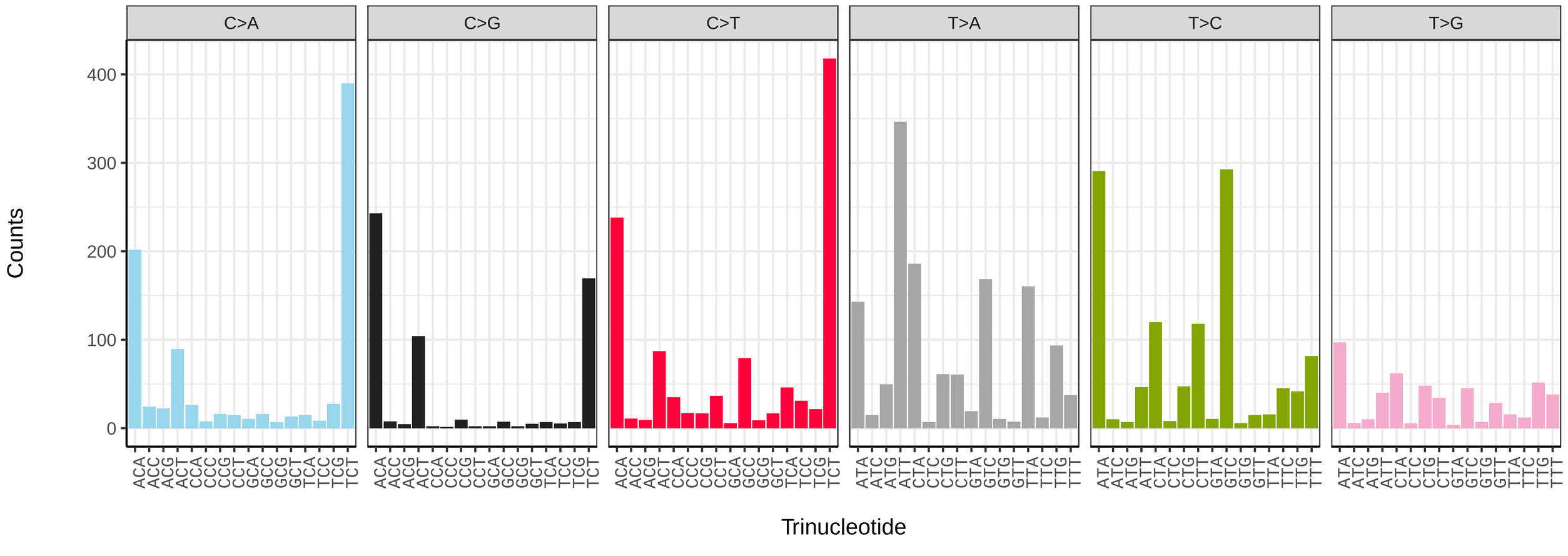
Rhagonycha fulva (icRhaFulv1) somatic mutational spectrum (SBS52 classification)



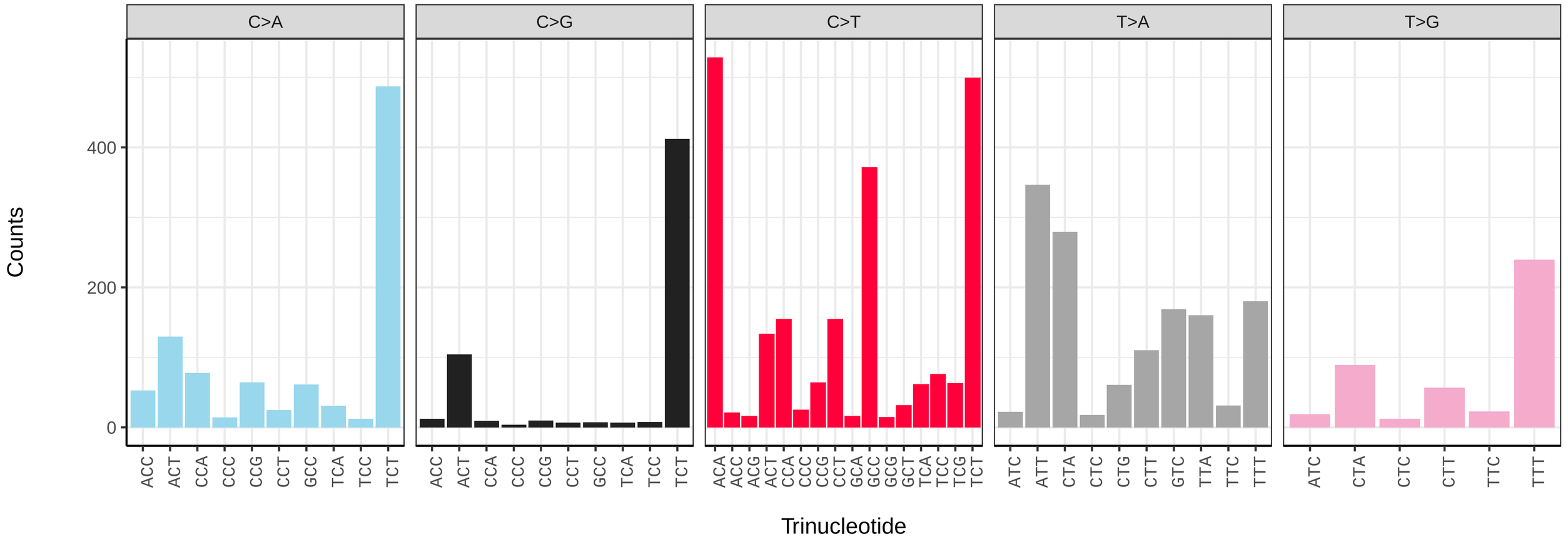
Silpha atrata (icSilAtra2) germline mutational spectrum



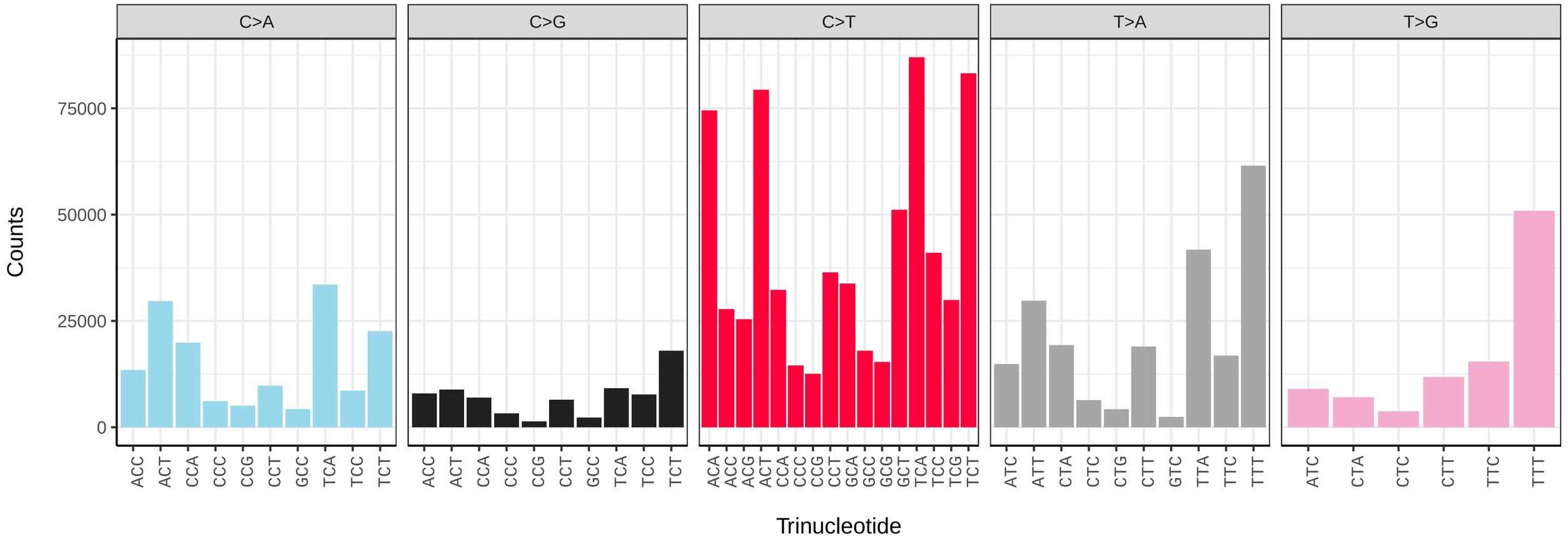
Silpha atrata (icSilAtra2) somatic mutational spectrum (SBS96 classification)



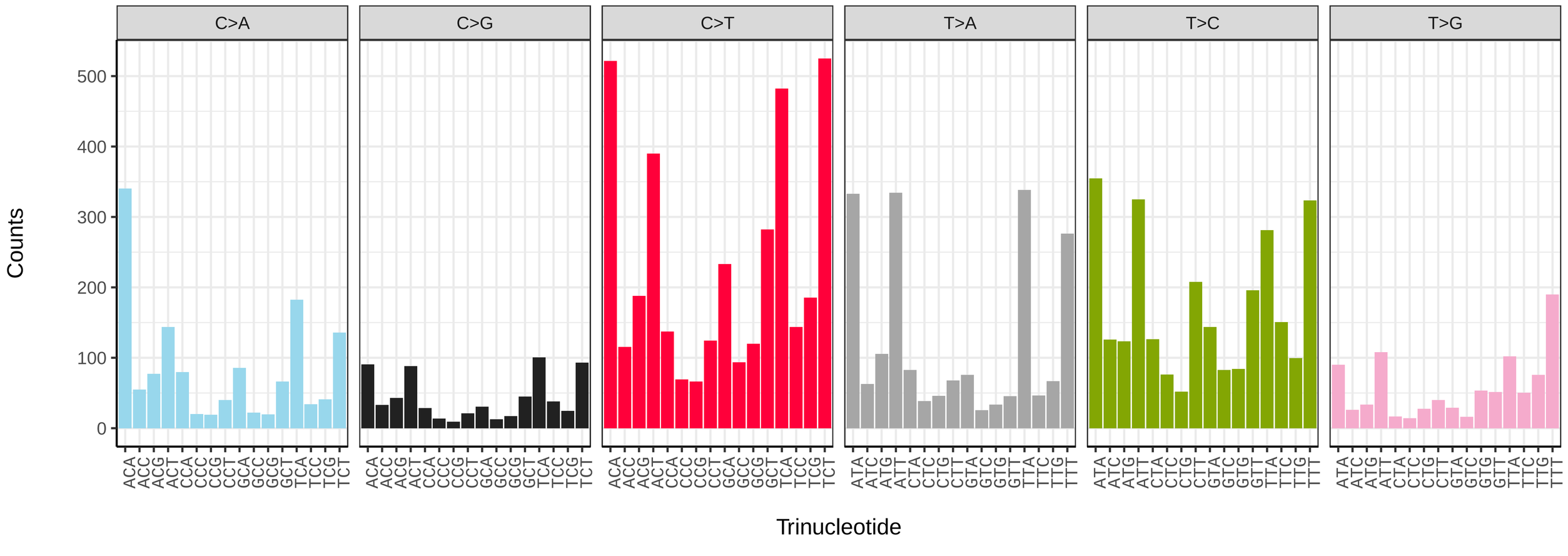
Silpha atrata (icSilAtra2) somatic mutational spectrum (SBS52 classification)



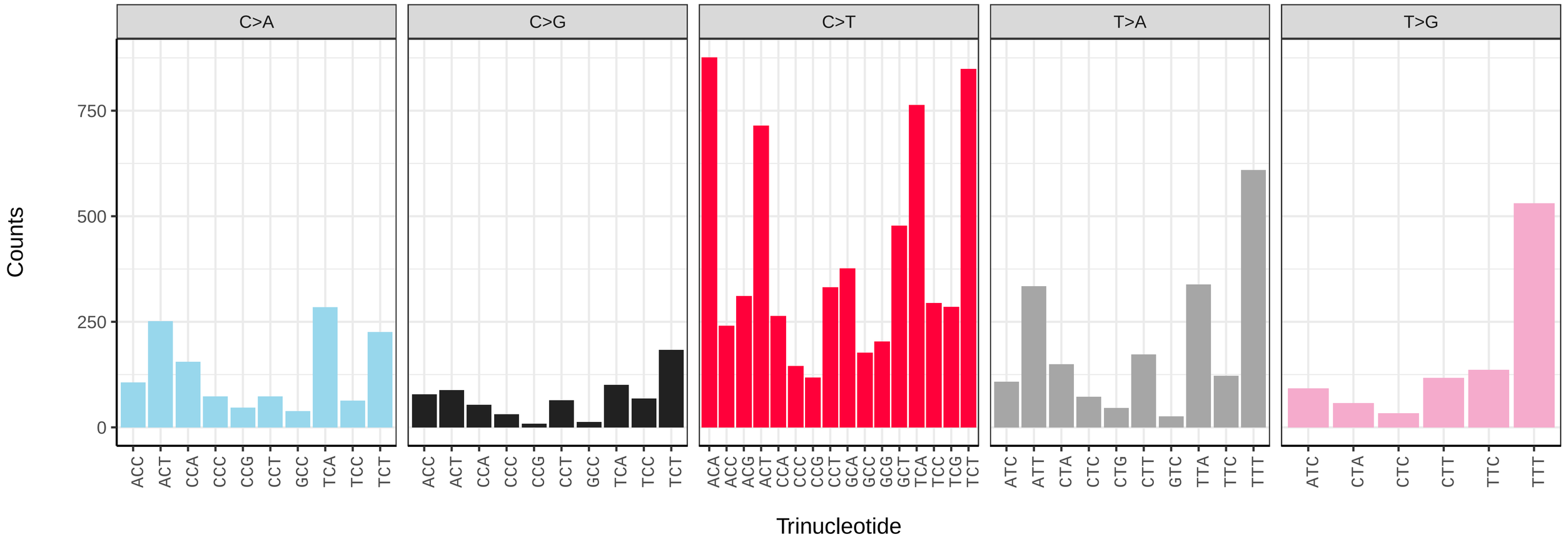
Acrocera orbiculus (idAcrOrbc1) germline mutational spectrum



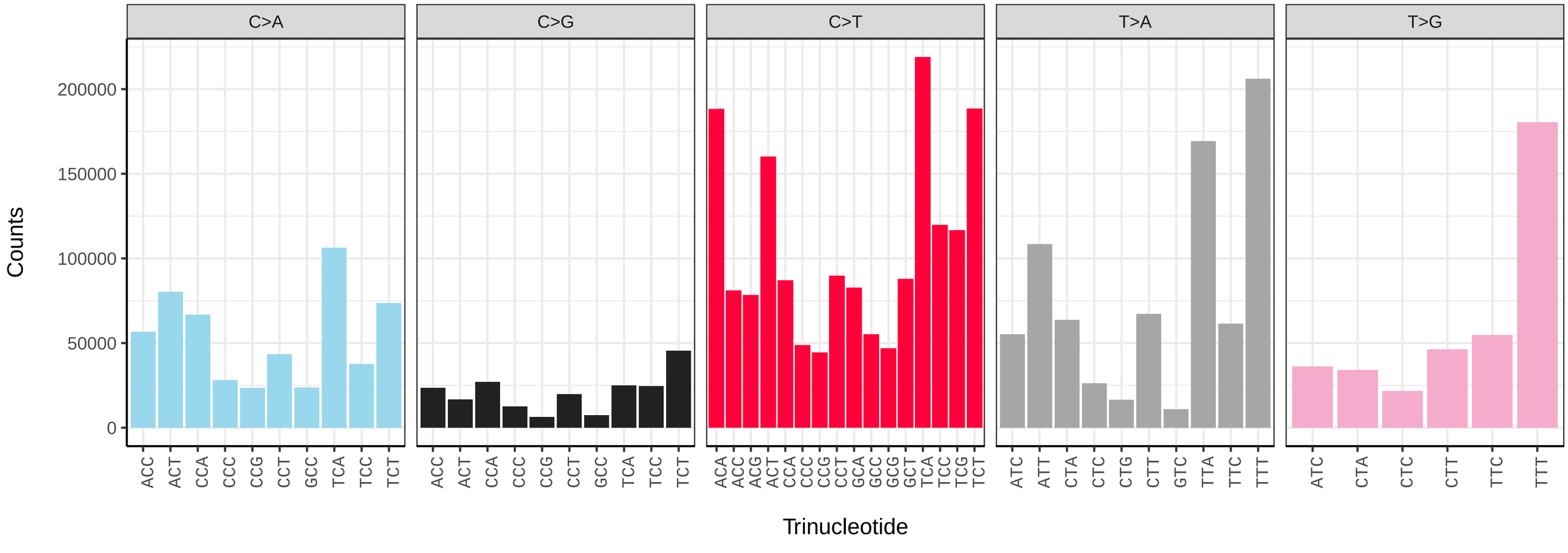
Acrocera orbiculus (idAcrOrbc1) somatic mutational spectrum (SBS96 classification)



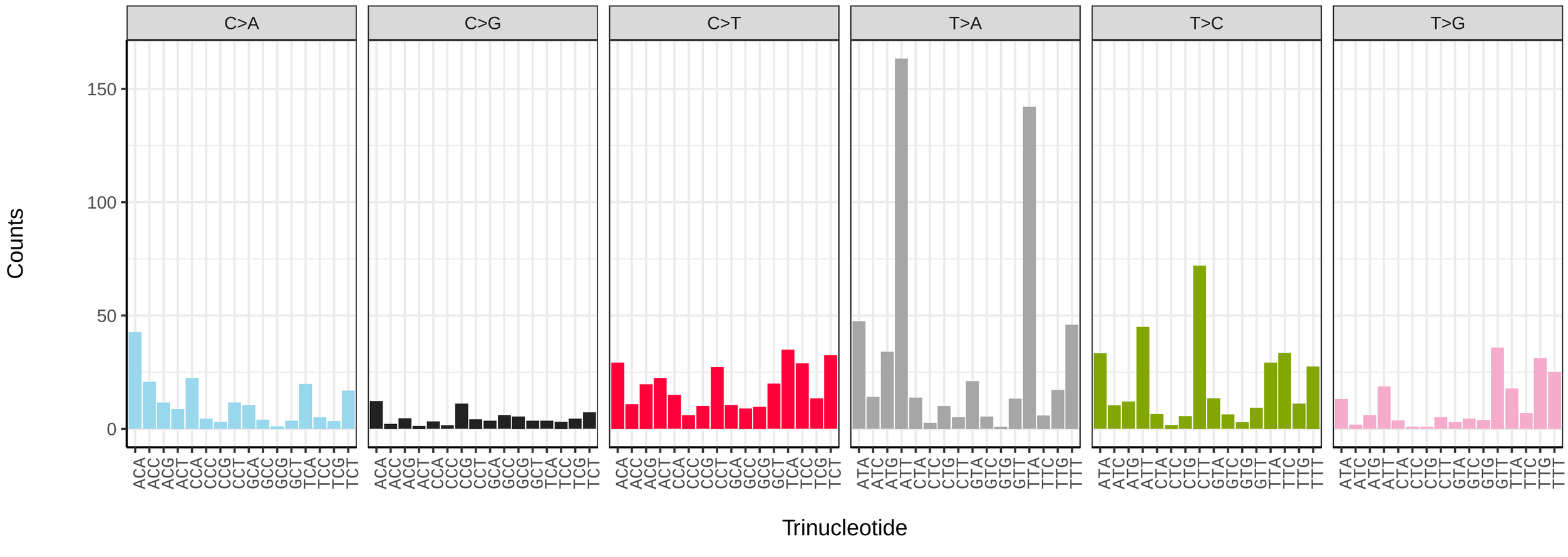
Acrocera orbiculus (idAcrOrbc1) somatic mutational spectrum (SBS52 classification)



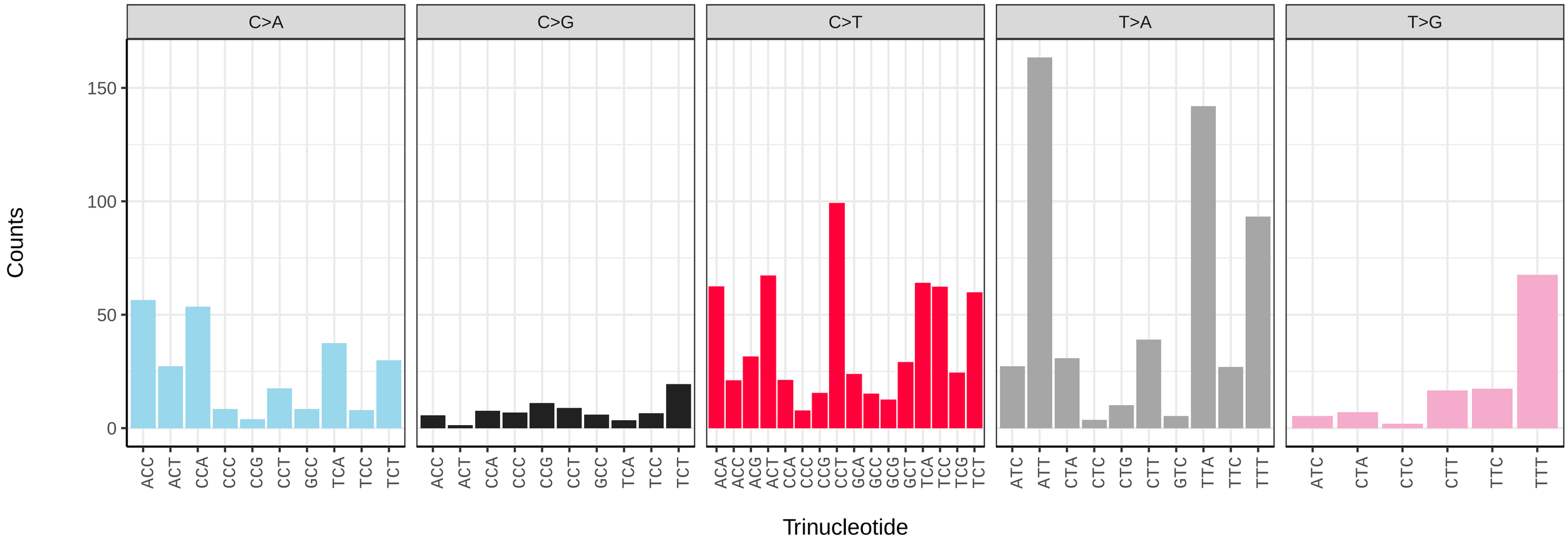
Baccha elongata (idBacElon1) germline mutational spectrum



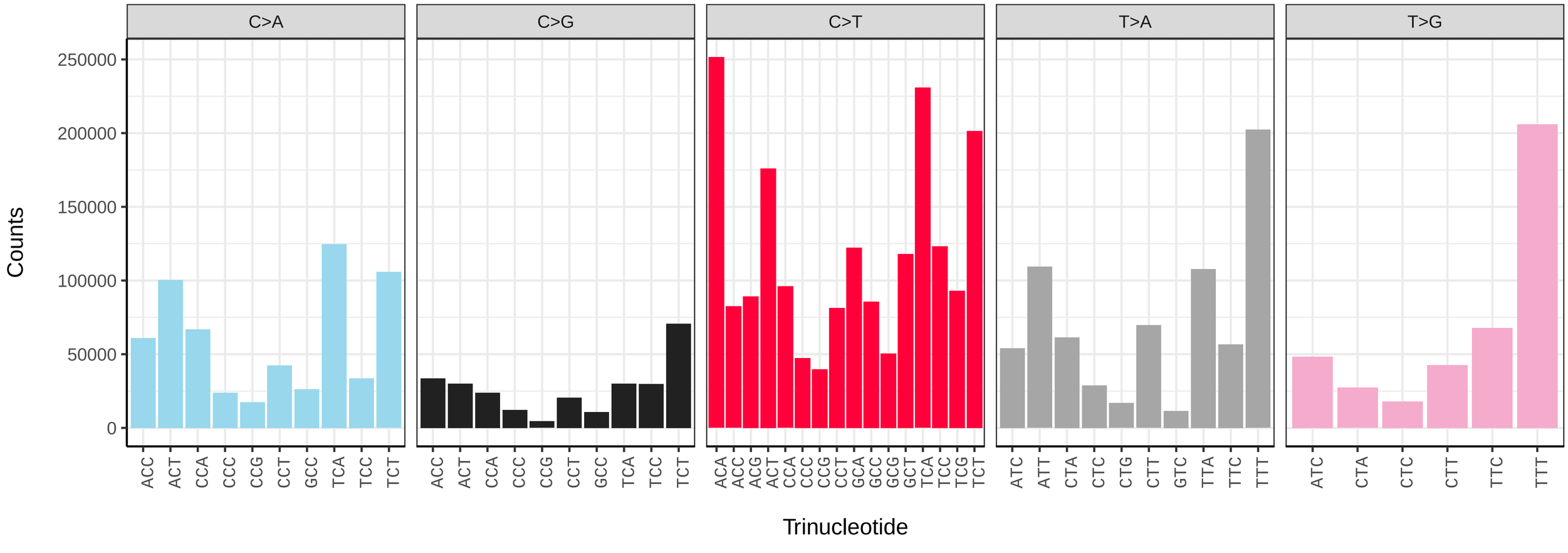
Baccha elongata (idBacElon1) somatic mutational spectrum (SBS96 classification)



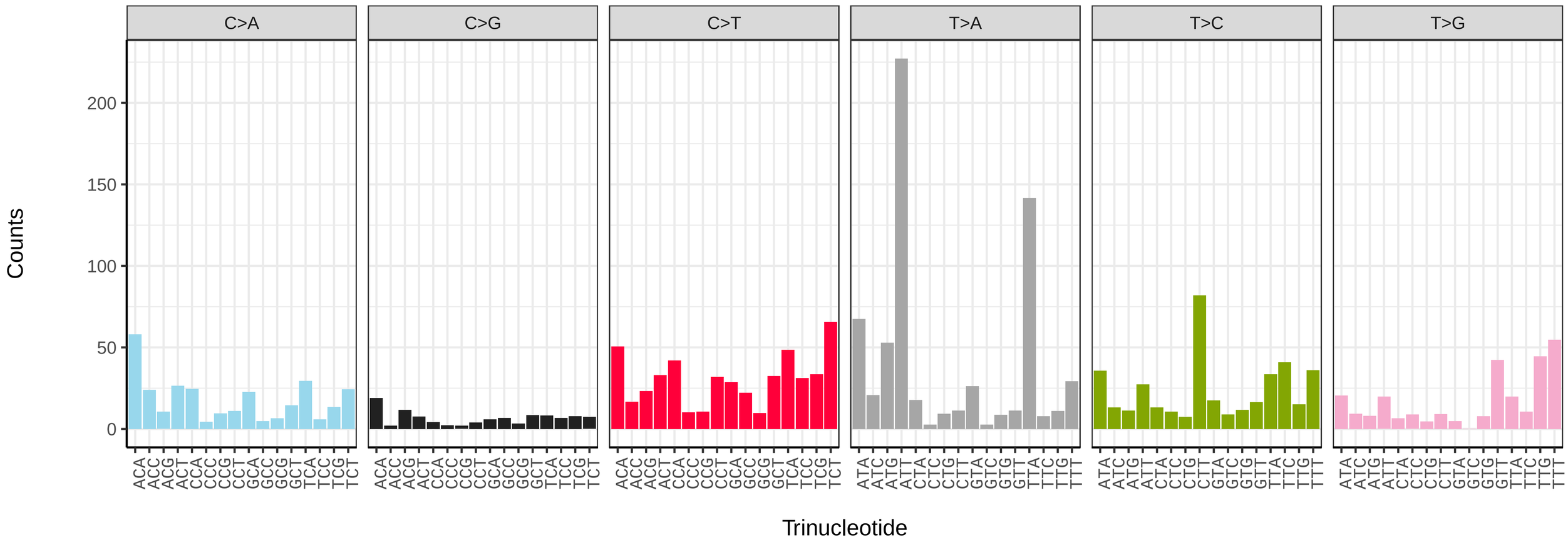
Baccha elongata (idBacElon1) somatic mutational spectrum (SBS52 classification)



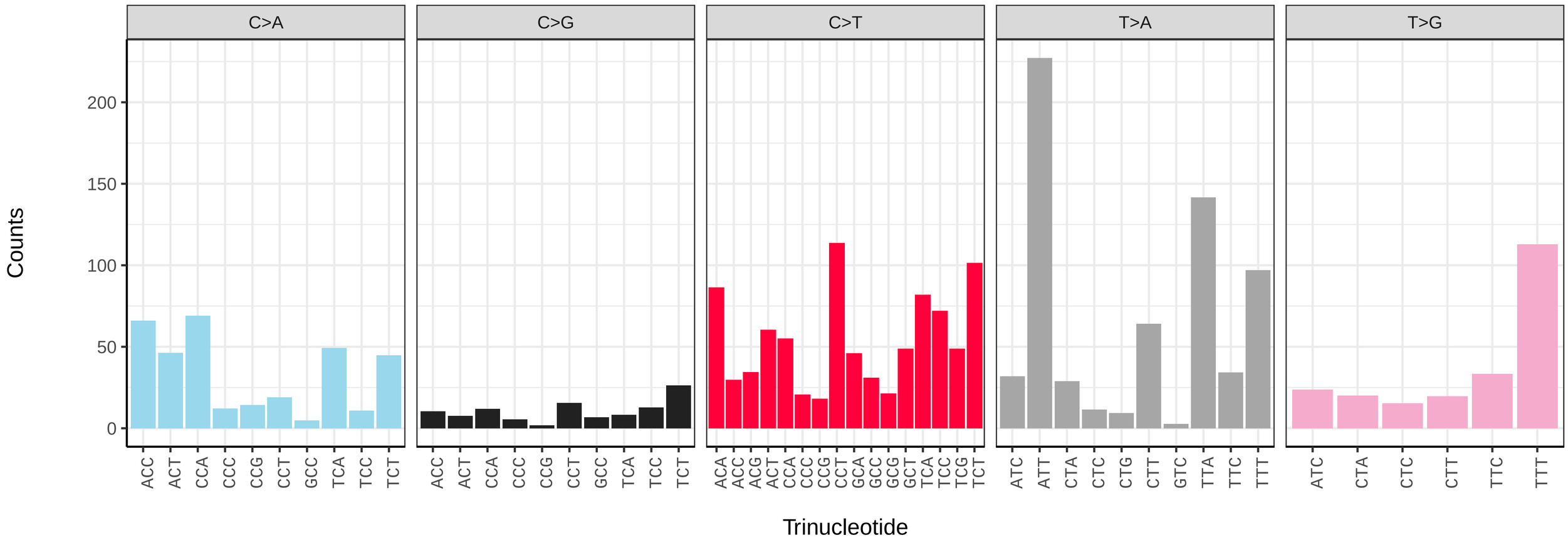
Bellardia pandia (idBelPand1) germline mutational spectrum



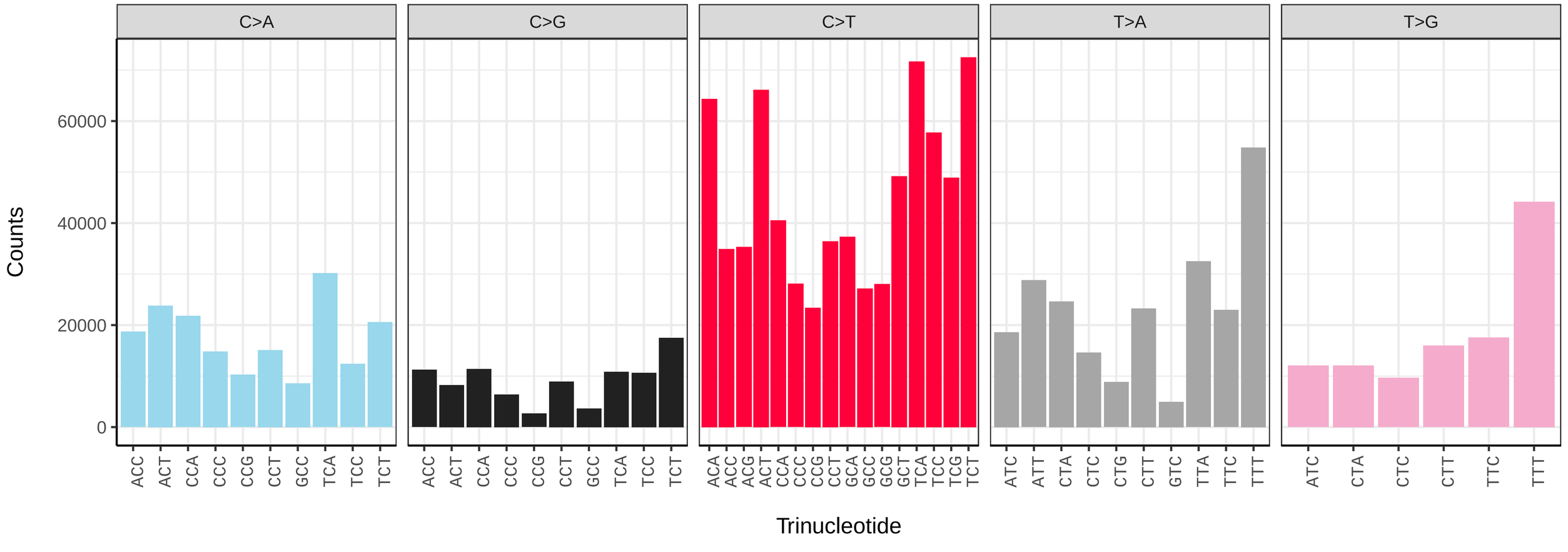
Bellardia pandia (idBelPand1) somatic mutational spectrum (SBS96 classification)



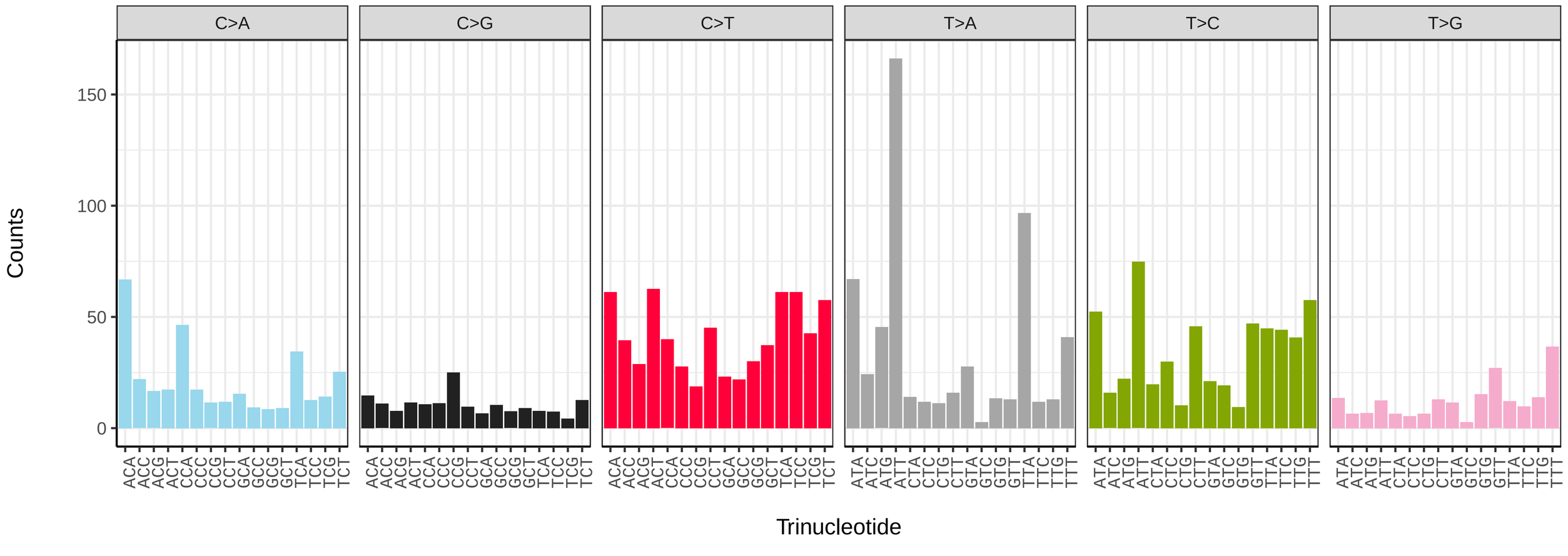
Bellardia pandia (idBelPand1) somatic mutational spectrum (SBS52 classification)



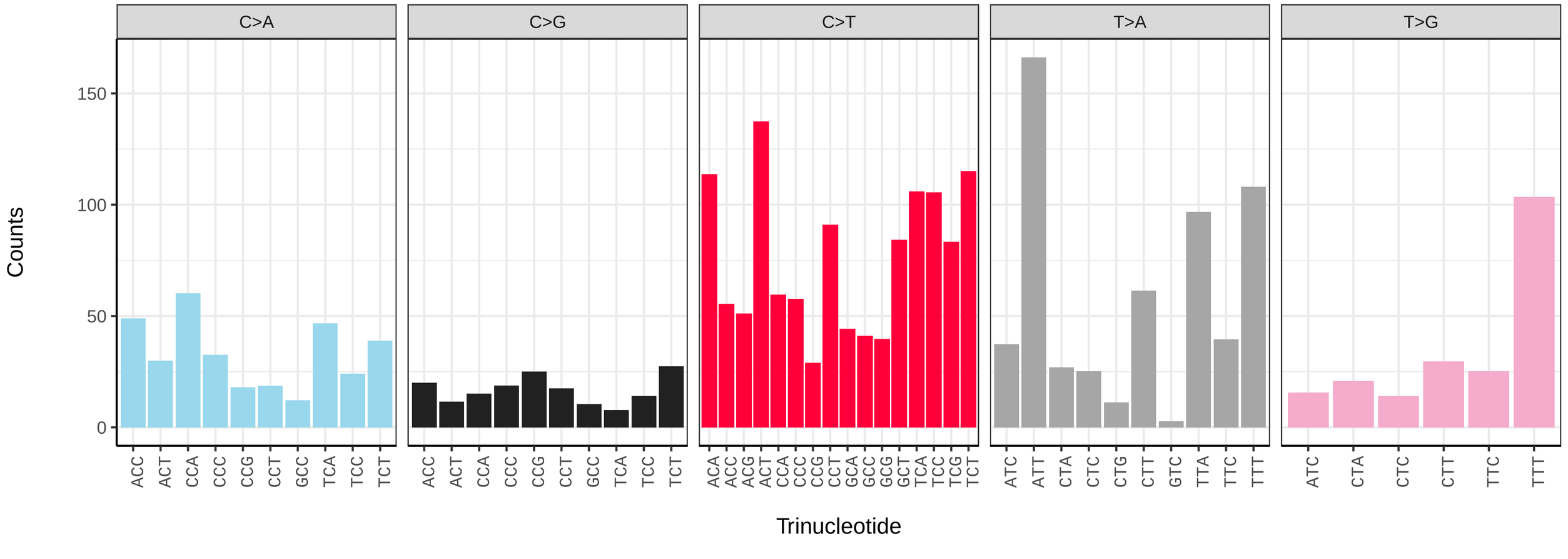
Beris chalybata (idBerChal2) germline mutational spectrum



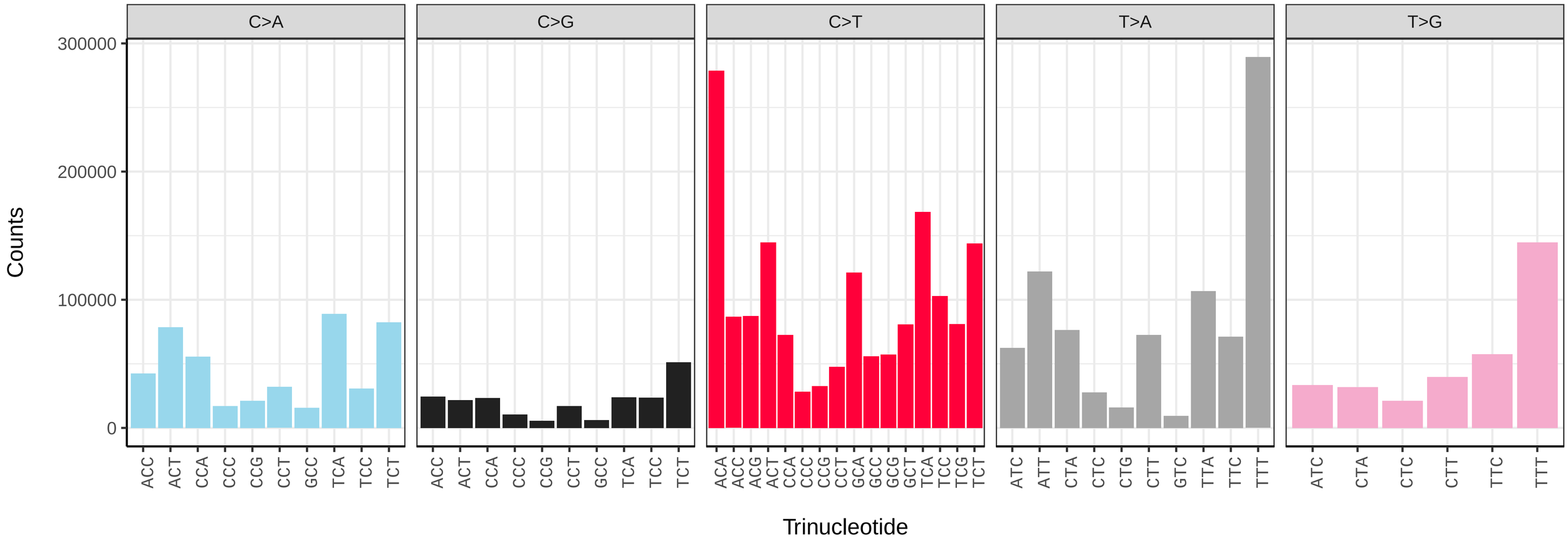
Beris chalybata (idBerChal2) somatic mutational spectrum (SBS96 classification)



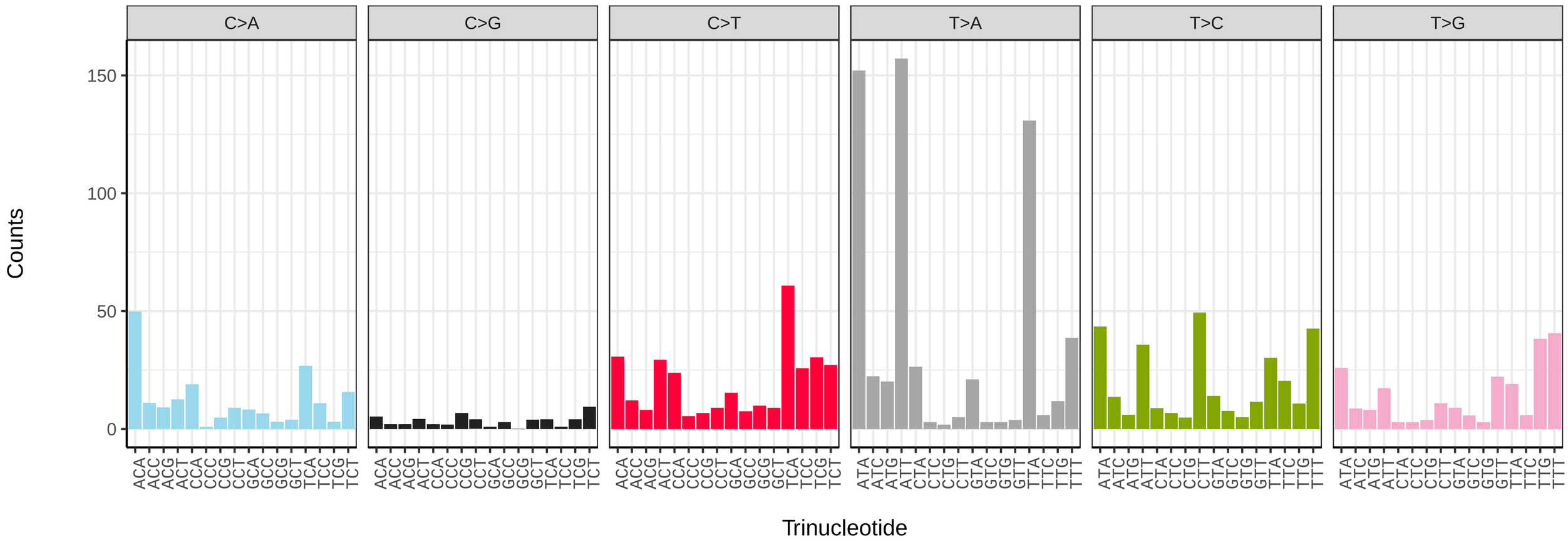
Beris chalybata (idBerChal2) somatic mutational spectrum (SBS52 classification)



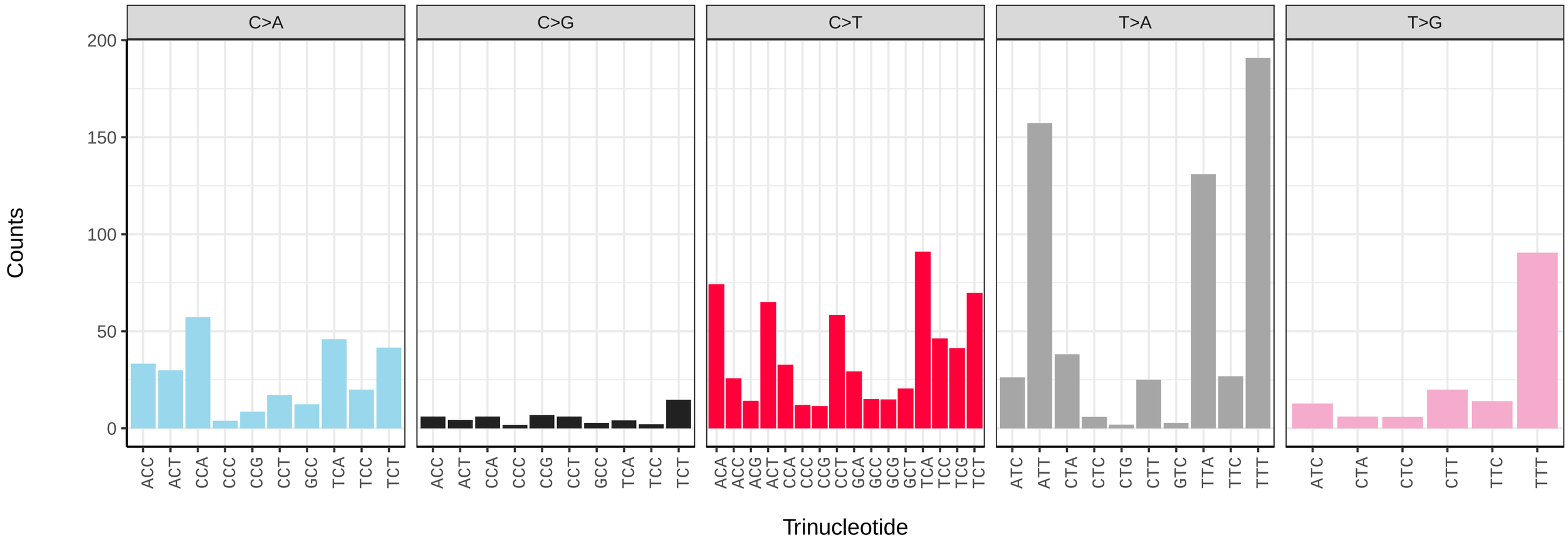
Bibio marci (idBibMarc1) germline mutational spectrum



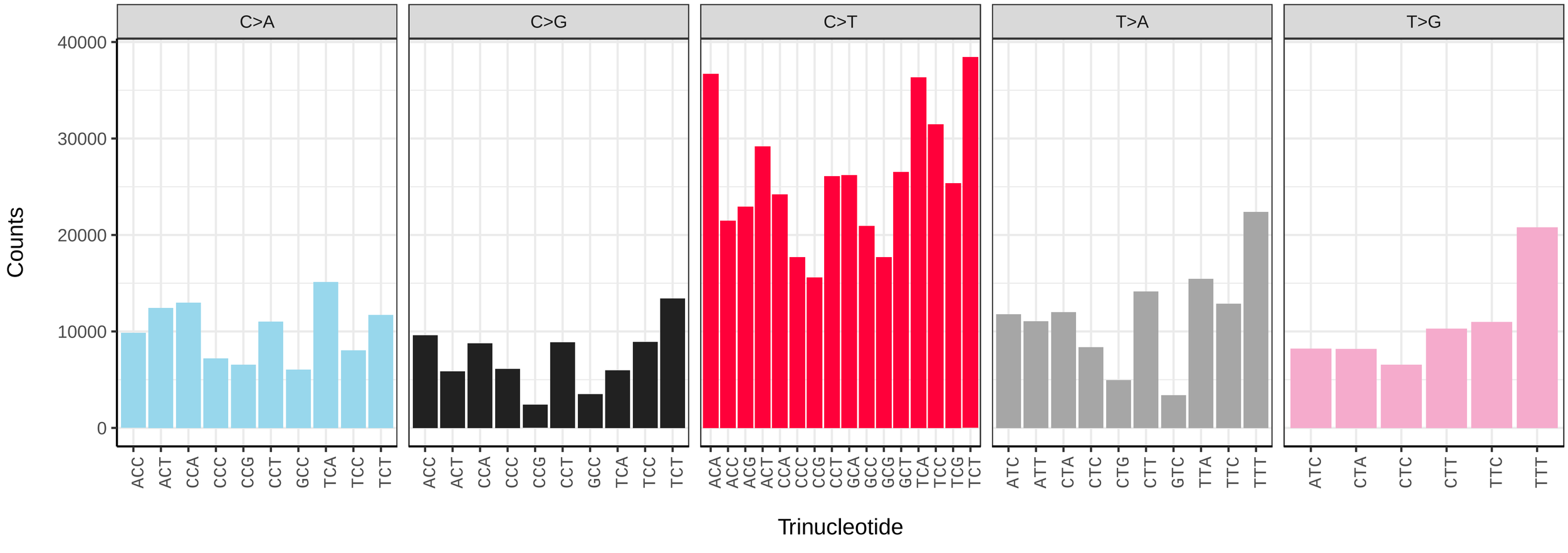
Bibio marci (idBibMarc1) somatic mutational spectrum (SBS96 classification)



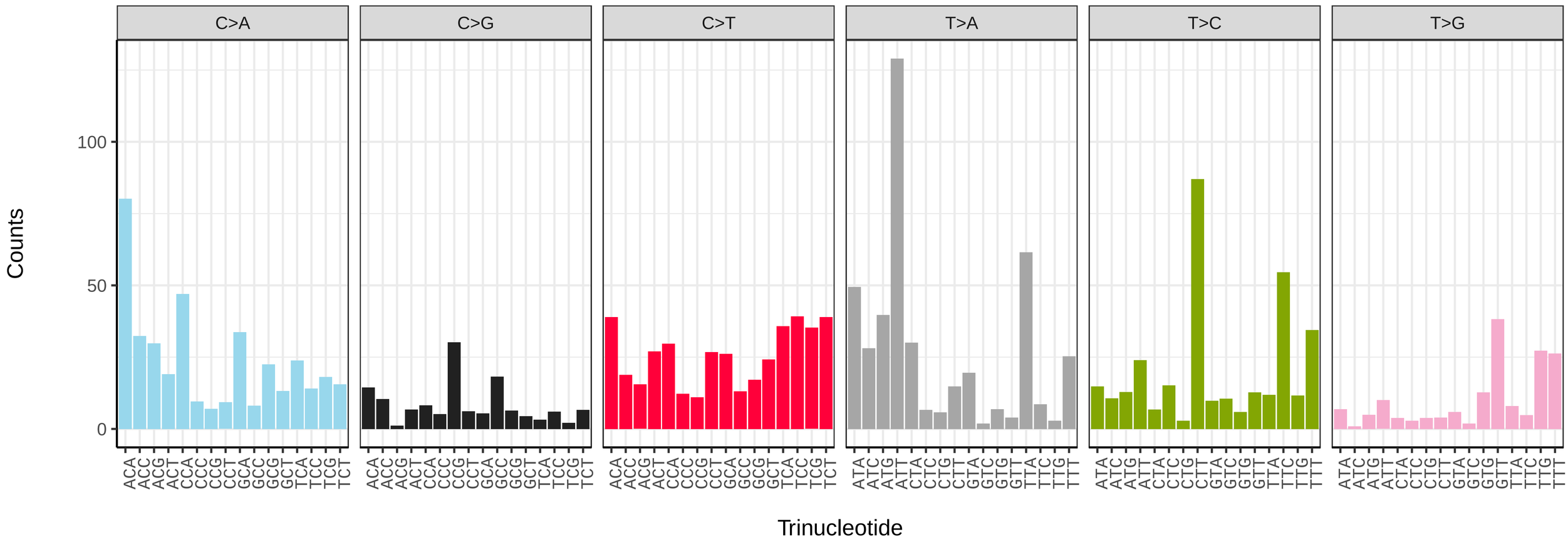
Bibio marci (idBibMarc1) somatic mutational spectrum (SBS52 classification)



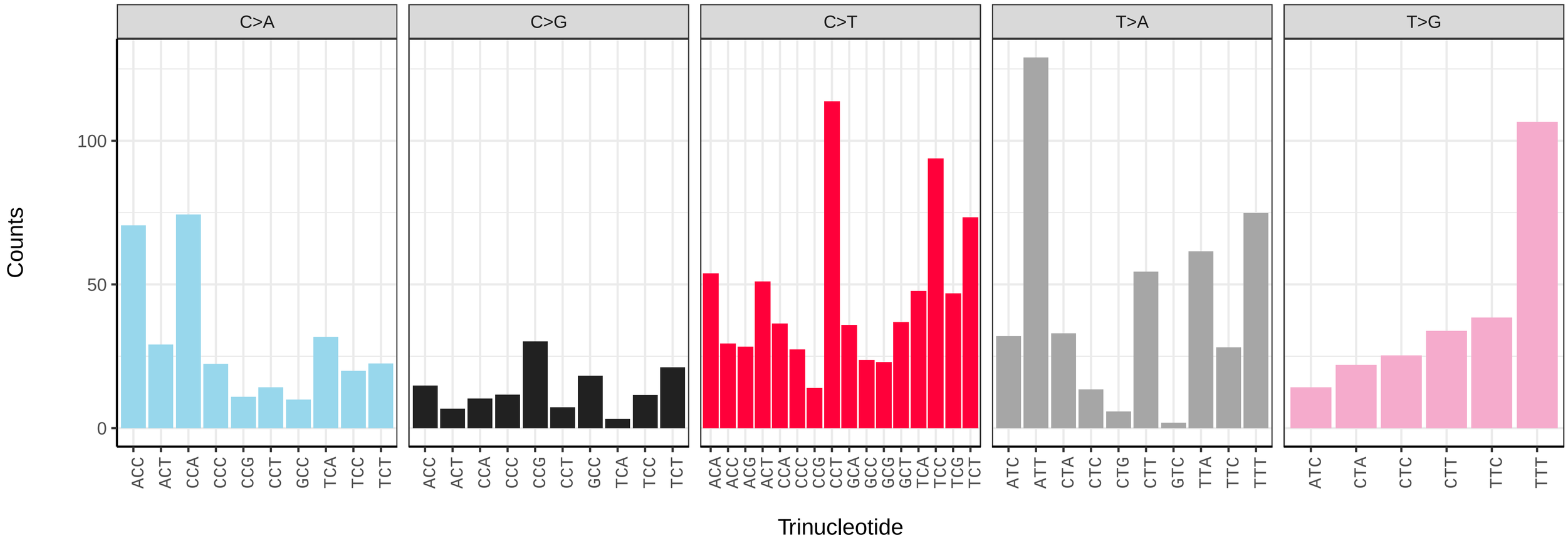
Blera fallax (idBleFall4) germline mutational spectrum



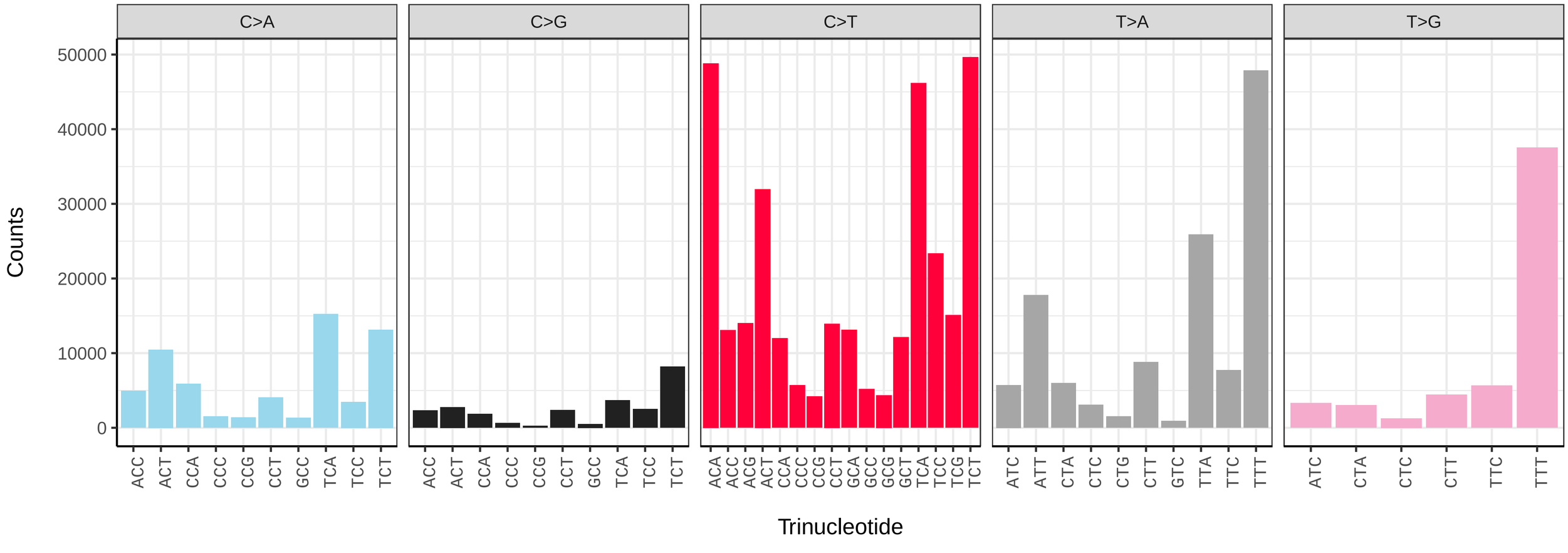
Blera fallax (idBleFall4) somatic mutational spectrum (SBS96 classification)



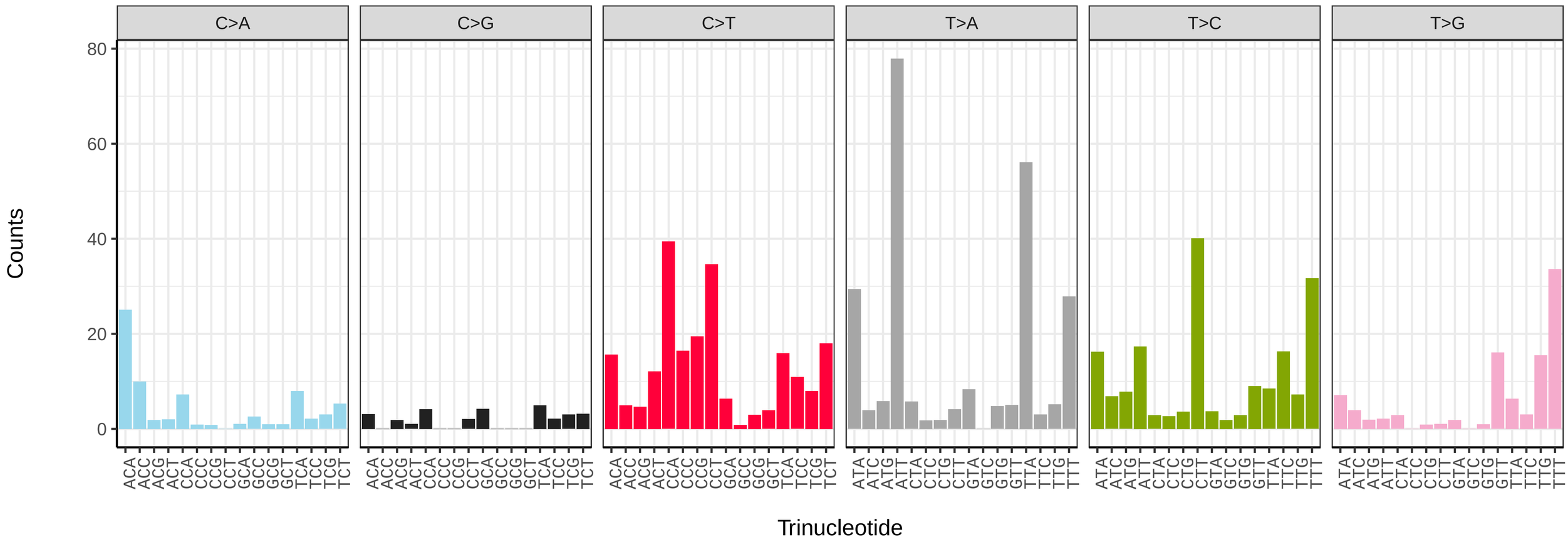
Blera fallax (idBleFall4) somatic mutational spectrum (SBS52 classification)



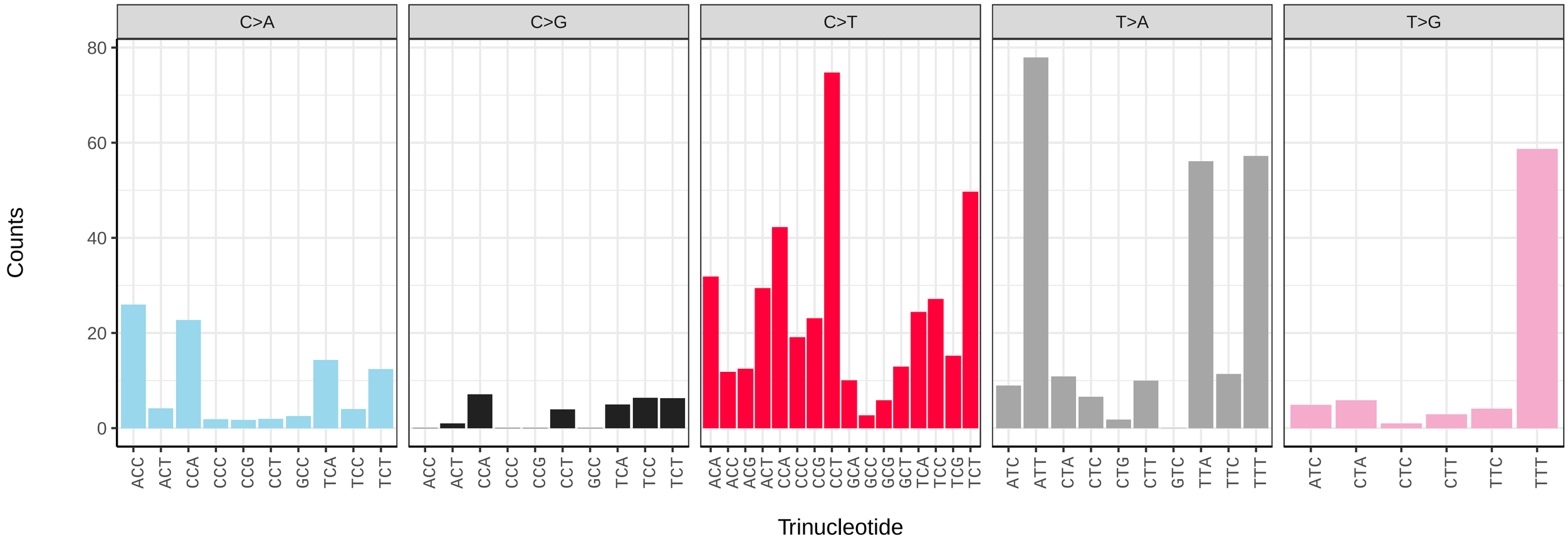
Bombylius discolor (idBomDisc1) germline mutational spectrum



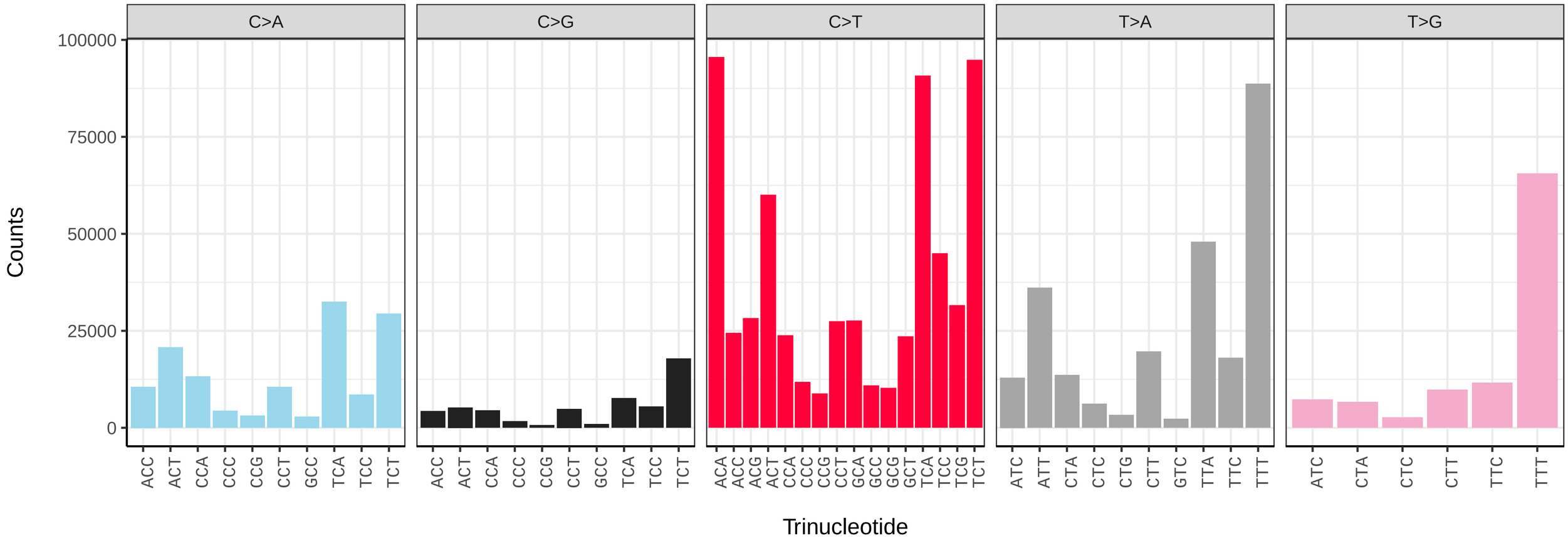
Bombylius discolor (idBomDisc1) somatic mutational spectrum (SBS96 classification)



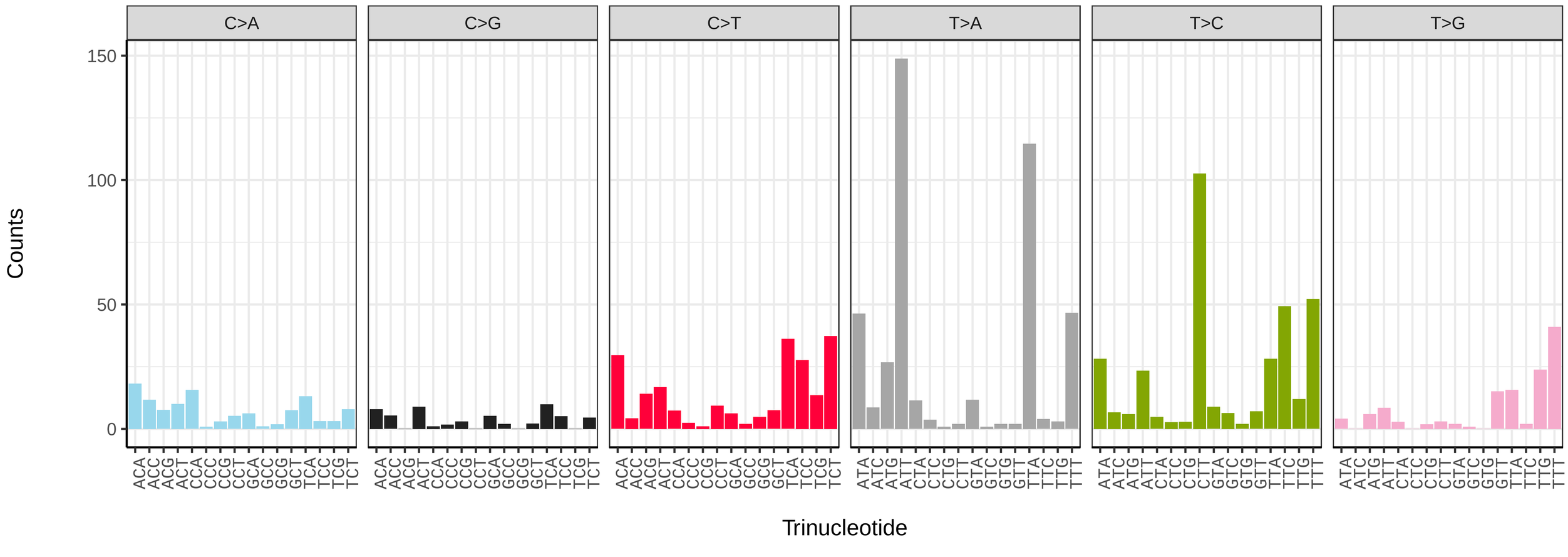
Bombylius discolor (idBomDisc1) somatic mutational spectrum (SBS52 classification)



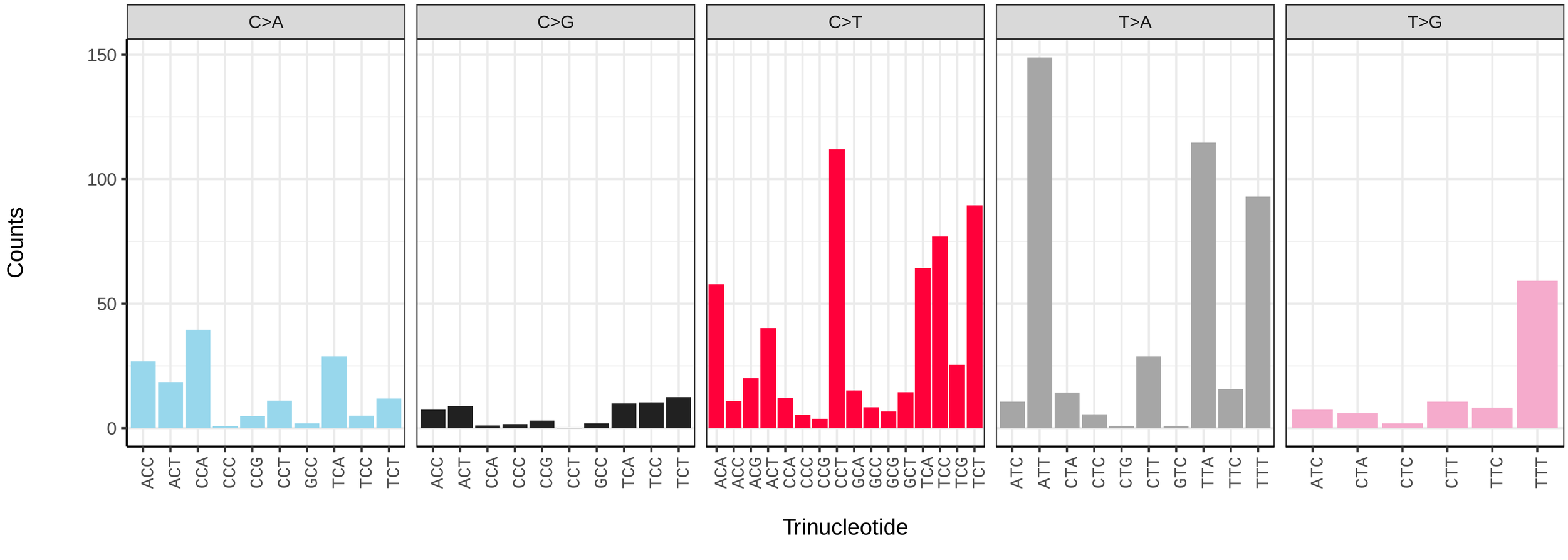
Bombylius major (idBomMajo1) germline mutational spectrum



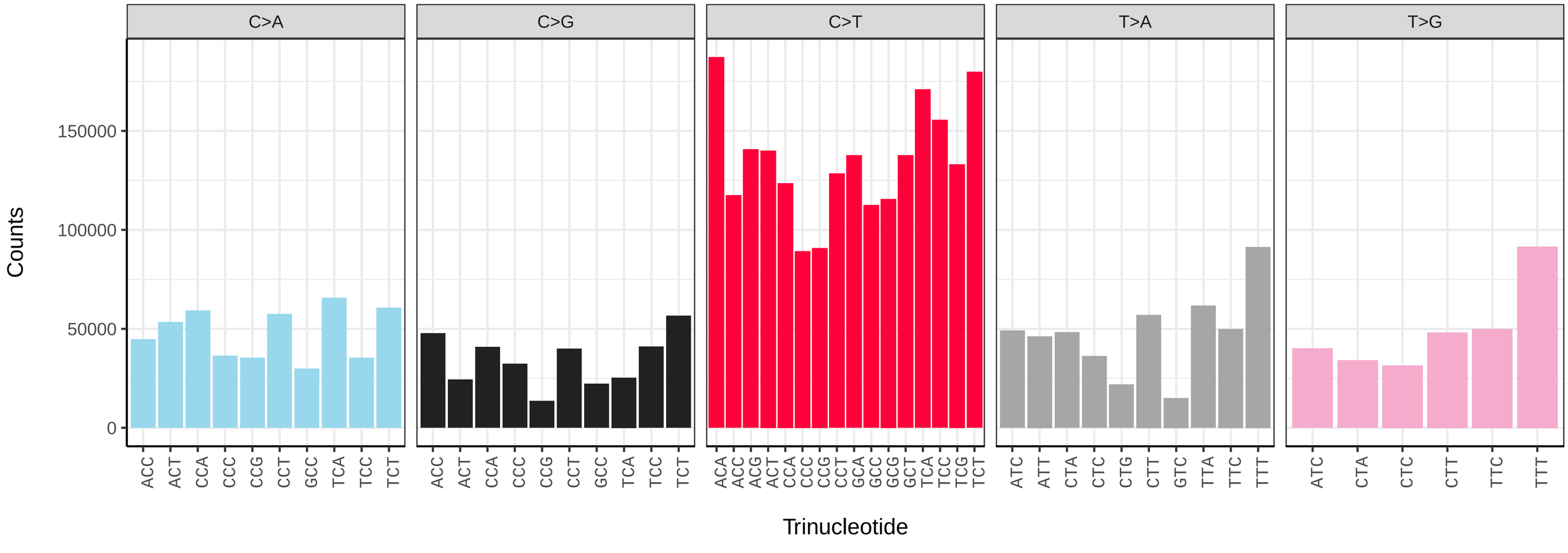
Bombylius major (idBomMajo1) somatic mutational spectrum (SBS96 classification)



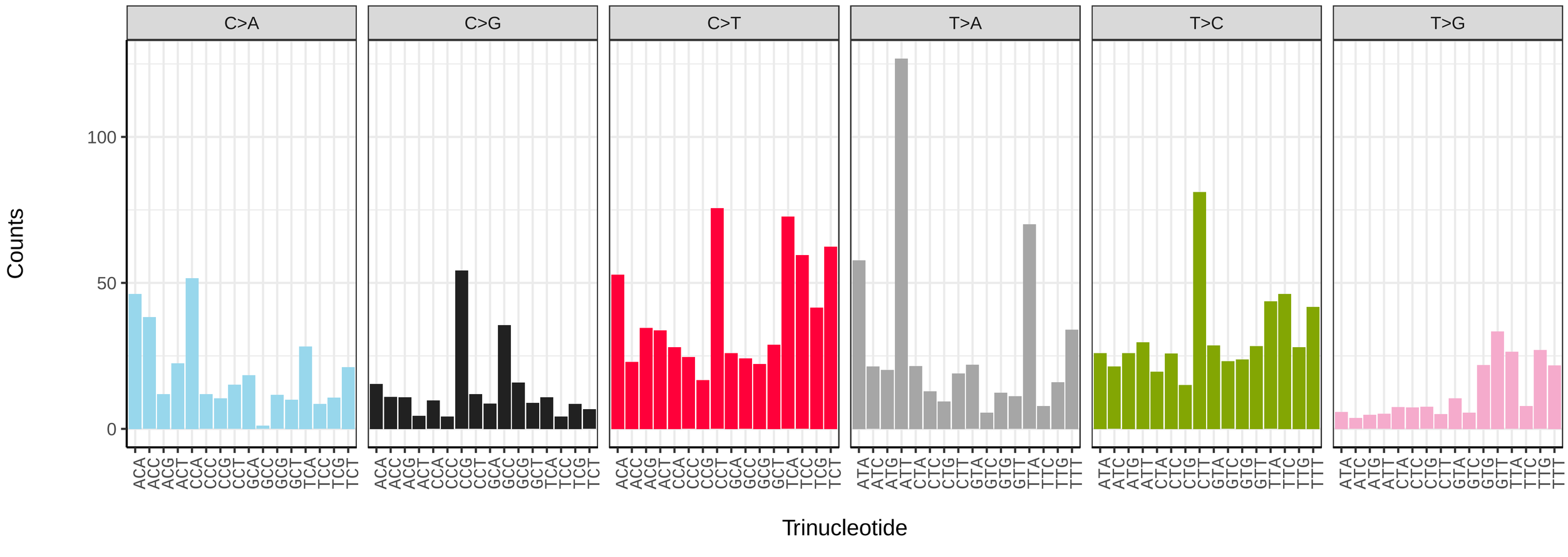
Bombylius major (idBomMajo1) somatic mutational spectrum (SBS52 classification)



Brachypalpus laphriformis (idBraLaph1) germline mutational spectrum



Brachypalpus laphriformis (idBraLaph1) somatic mutational spectrum (SBS96 classification)



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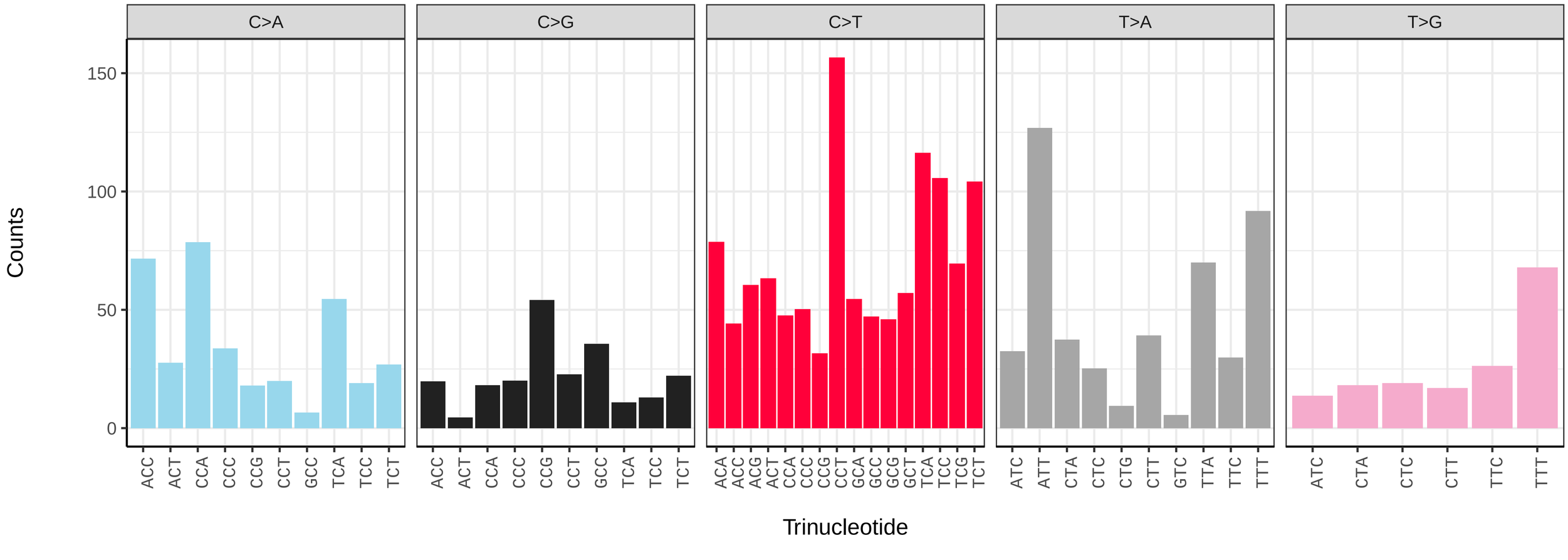
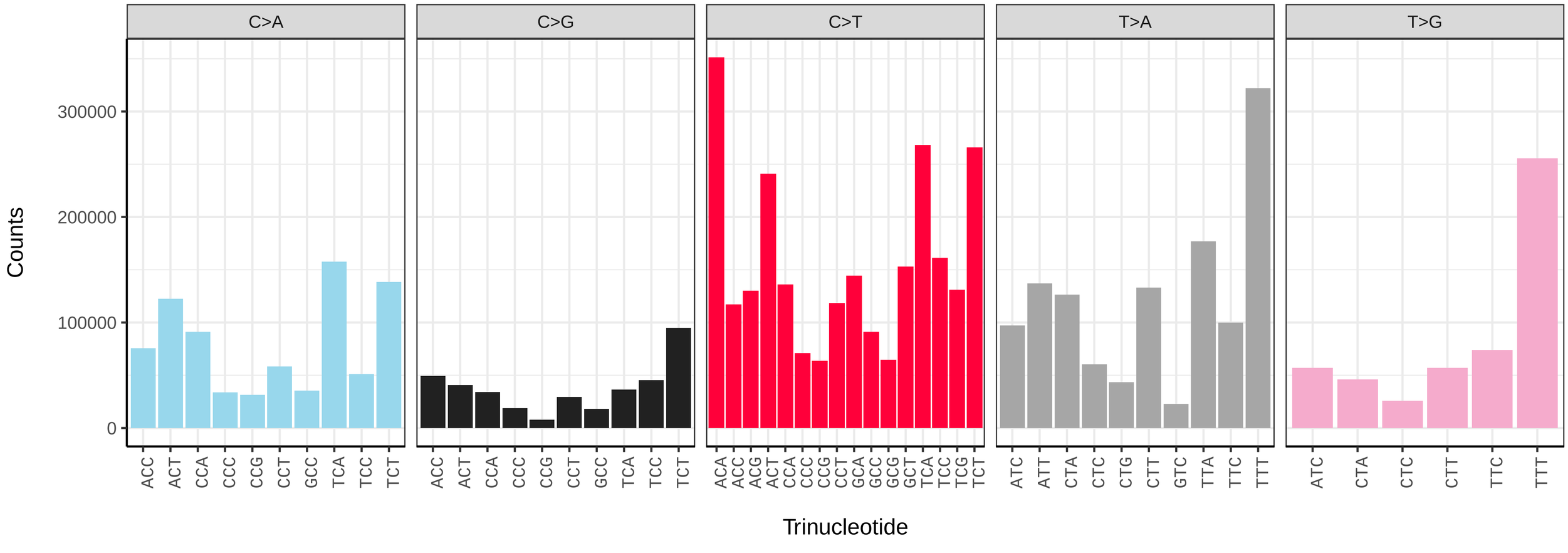
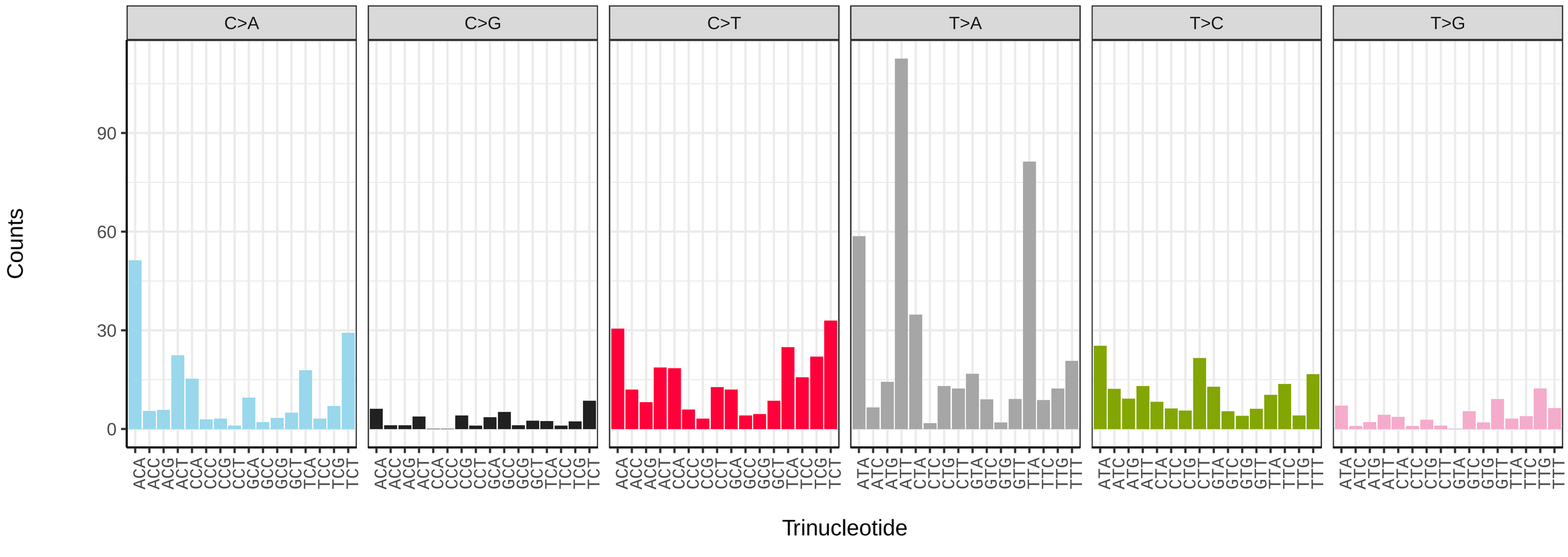


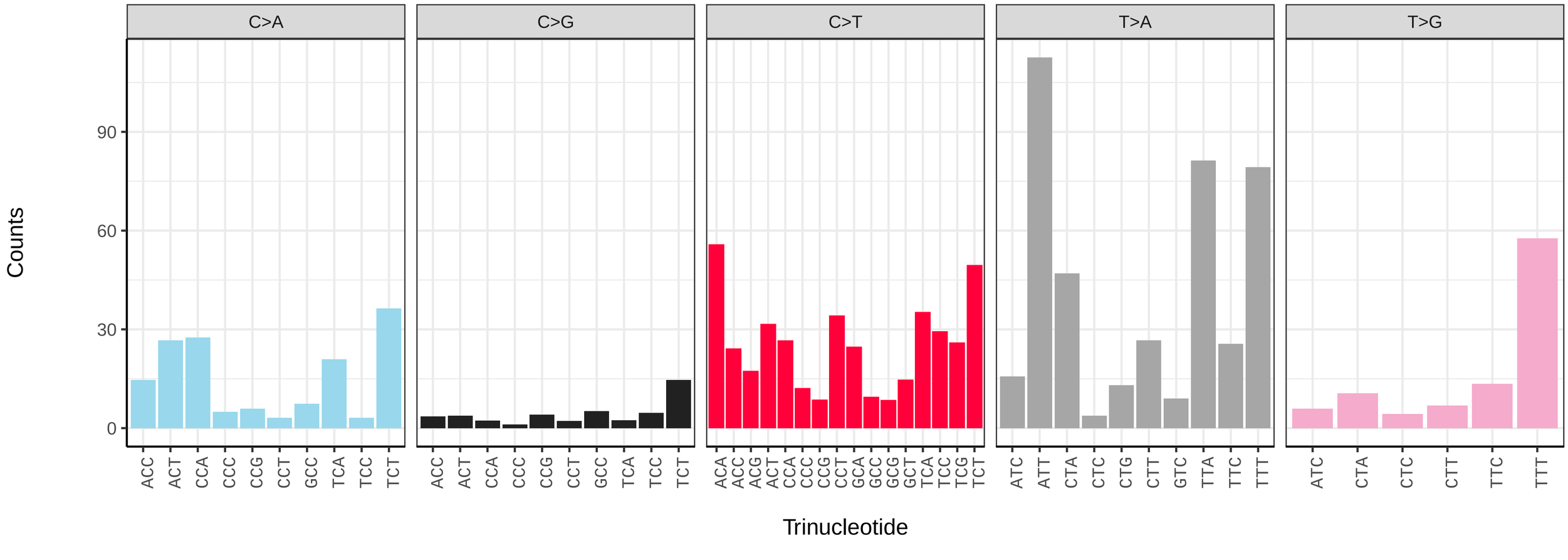
Calliphora vomitoria (idCalVomi1) germline mutational spectrum



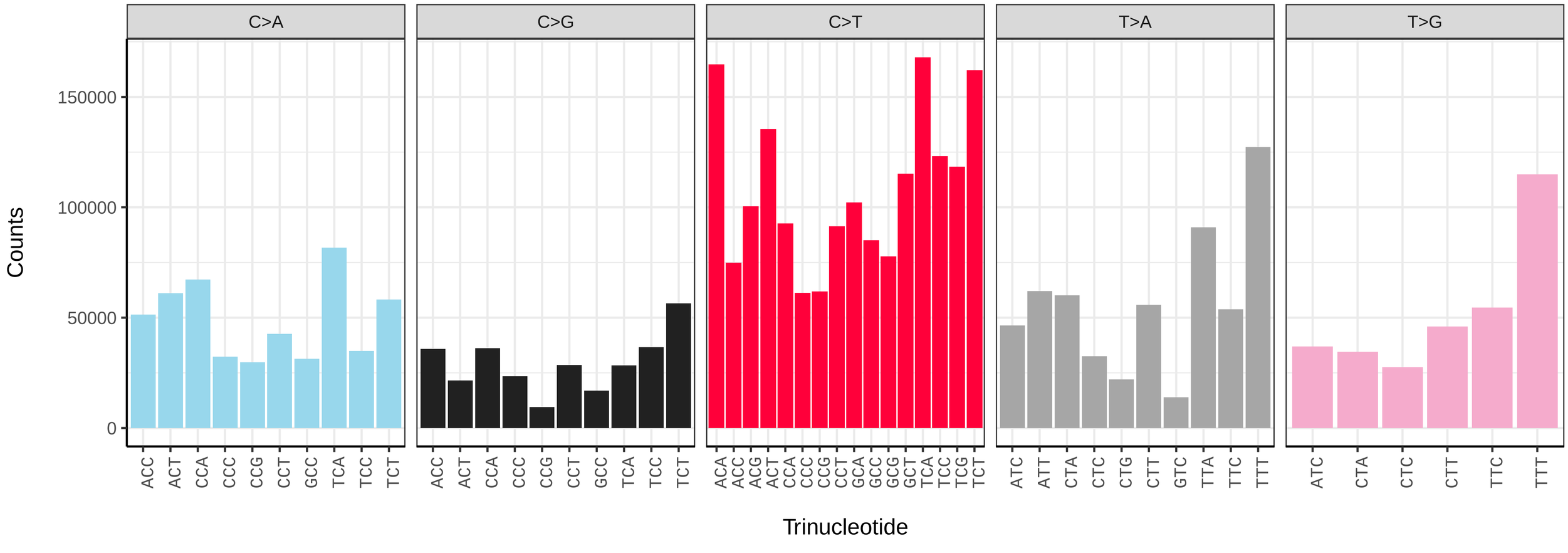
Calliphora vomitoria (idCalVomi1) somatic mutational spectrum (SBS96 classification)



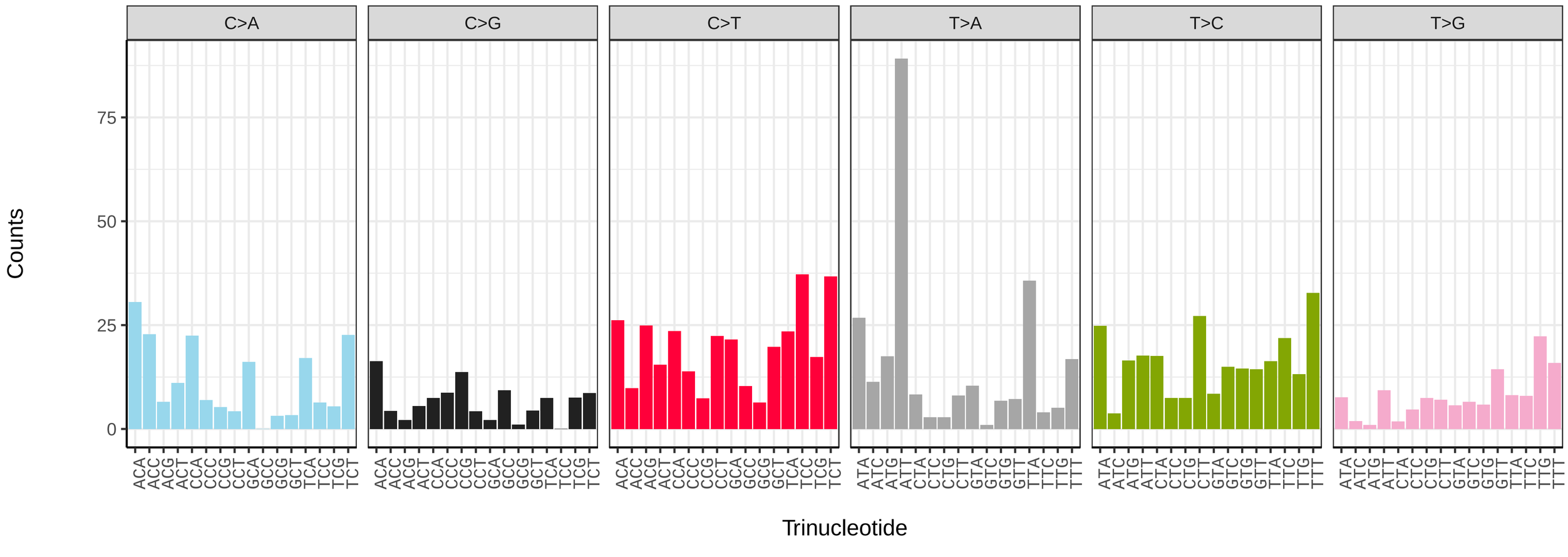
Calliphora vomitoria (idCalVomi1) somatic mutational spectrum (SBS52 classification)



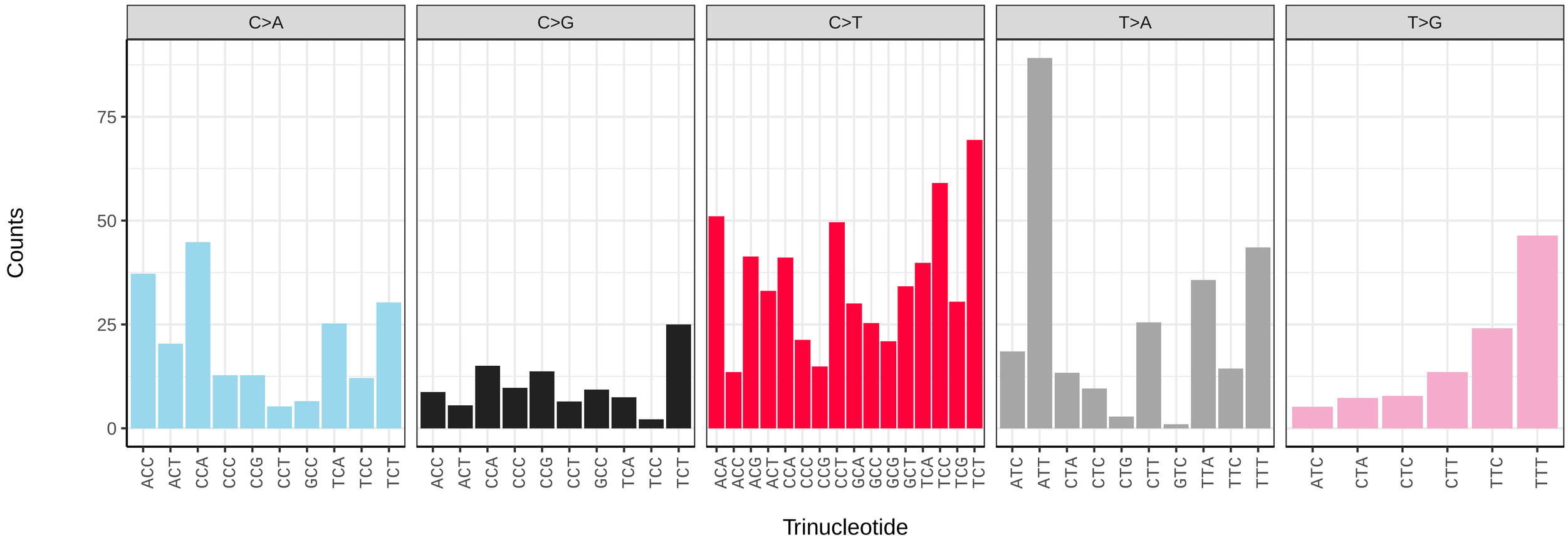
Cheilosia impressa (idCheImpr3) germline mutational spectrum



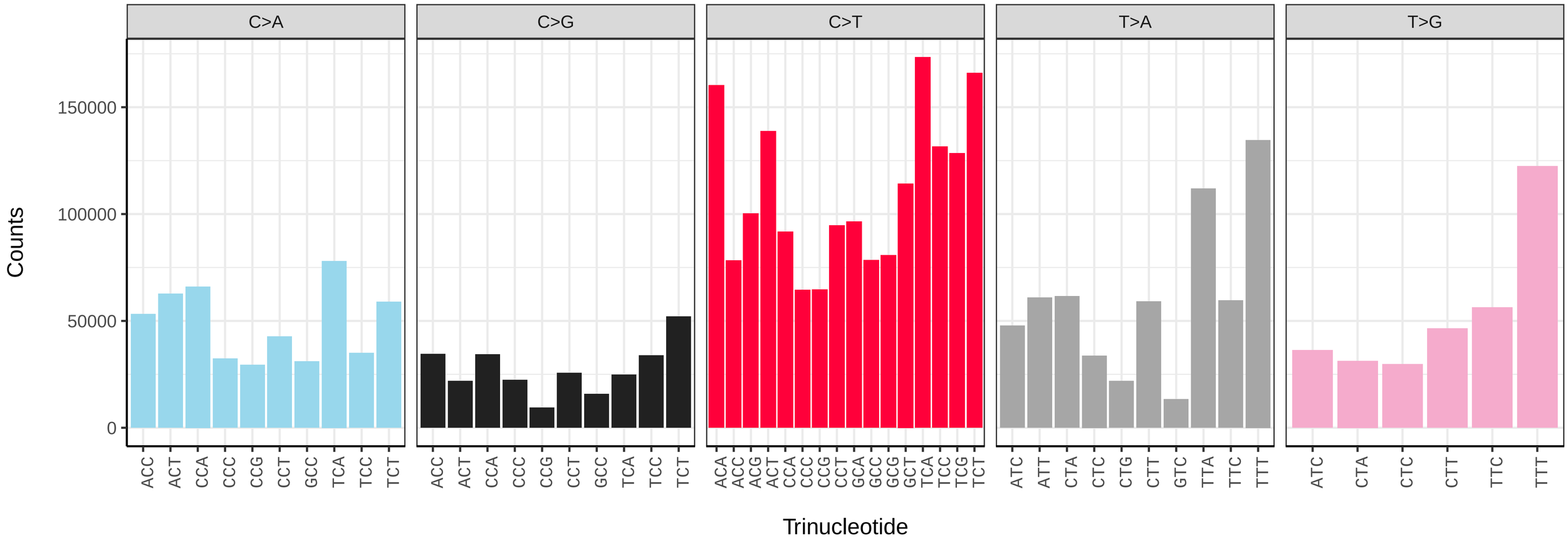
Cheilosia impressa (idCheImpr3) somatic mutational spectrum (SBS96 classification)



Cheilosia impressa (idCheImpr3) somatic mutational spectrum (SBS52 classification)



Cheilosia pagana (idChePaga1) germline mutational spectrum



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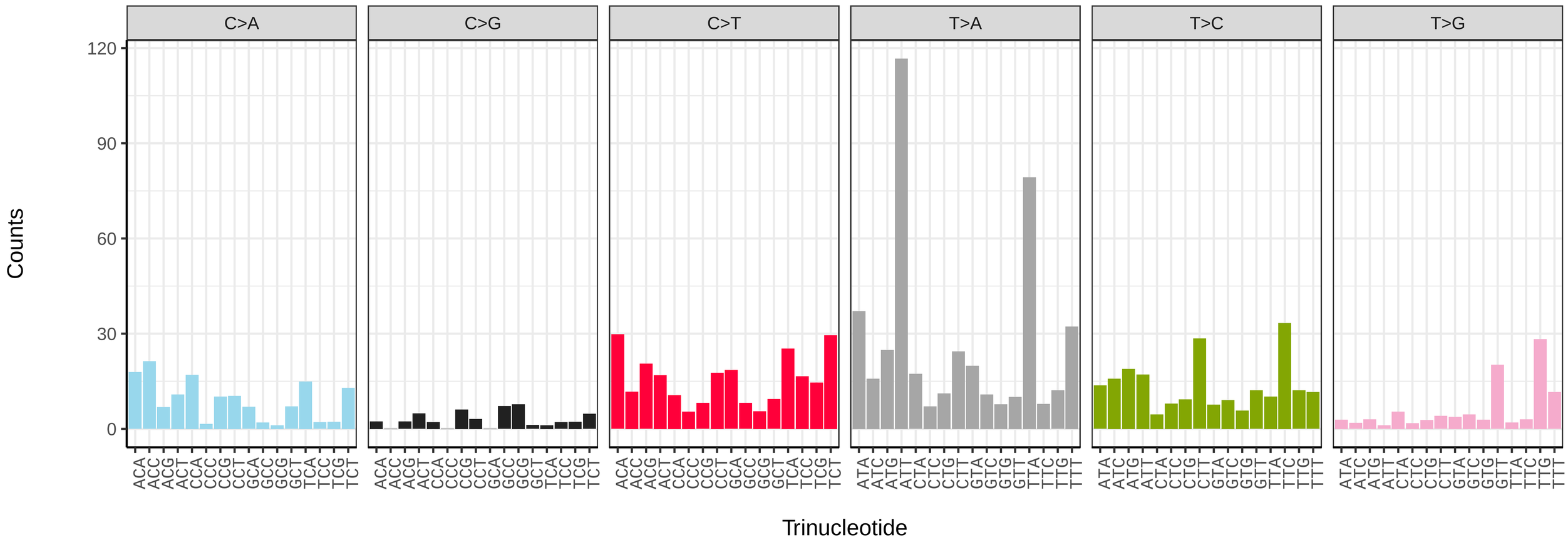

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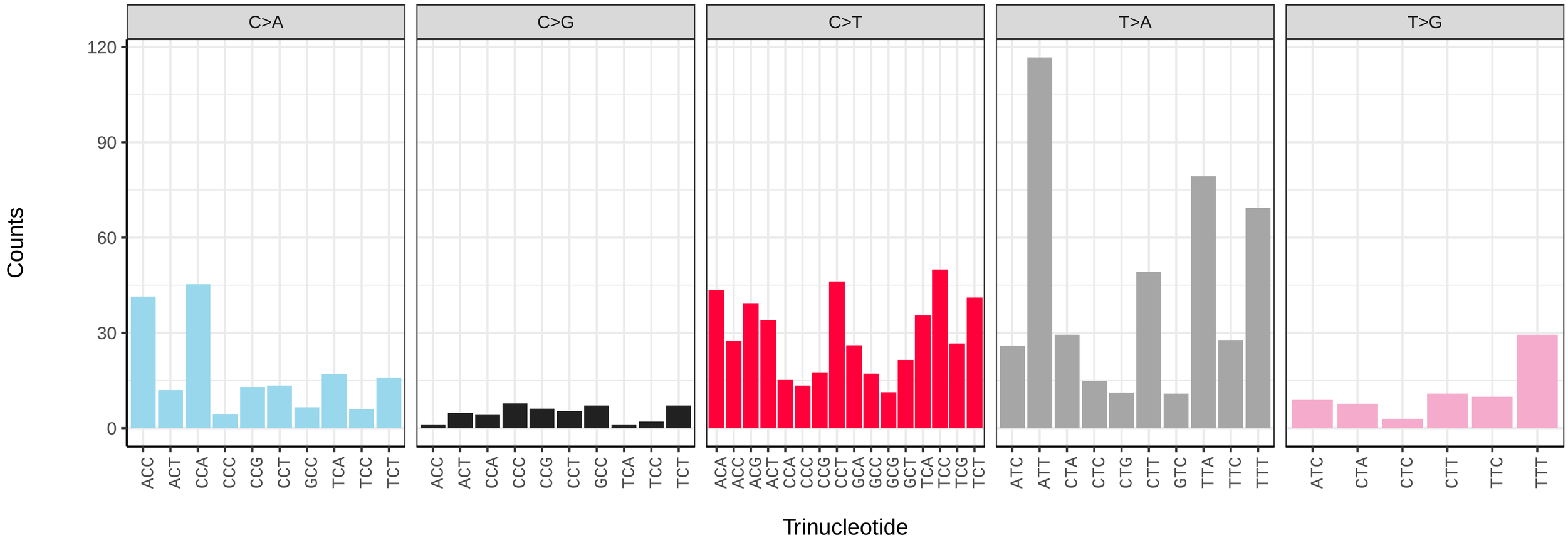
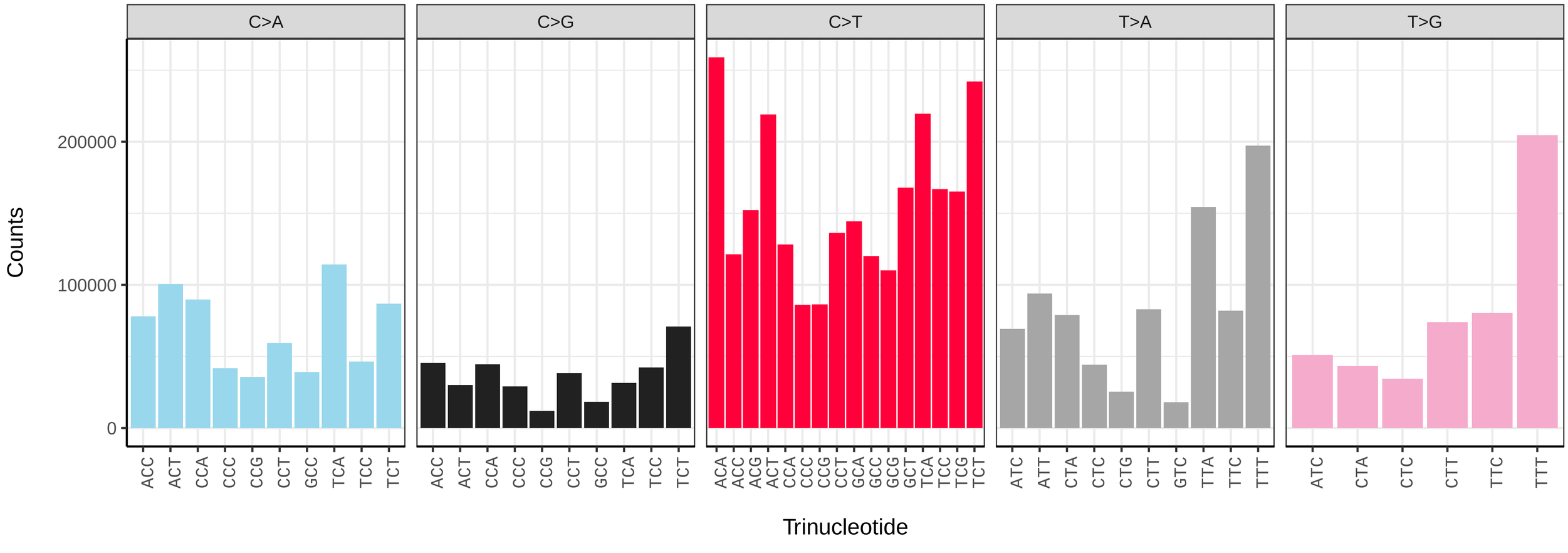
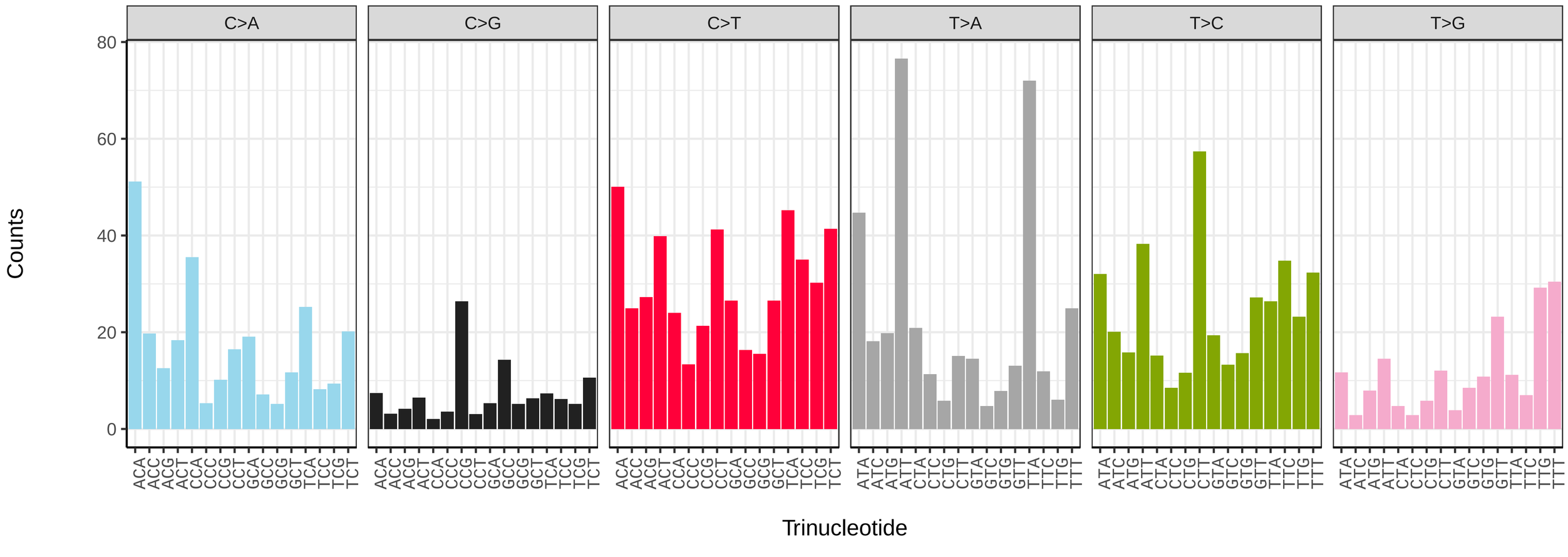


Cheilosia urbana (idCheUrba1) germline mutational spectrum



Cheilosia urbana (idCheUrba1) somatic mutational spectrum (SBS96 classification)



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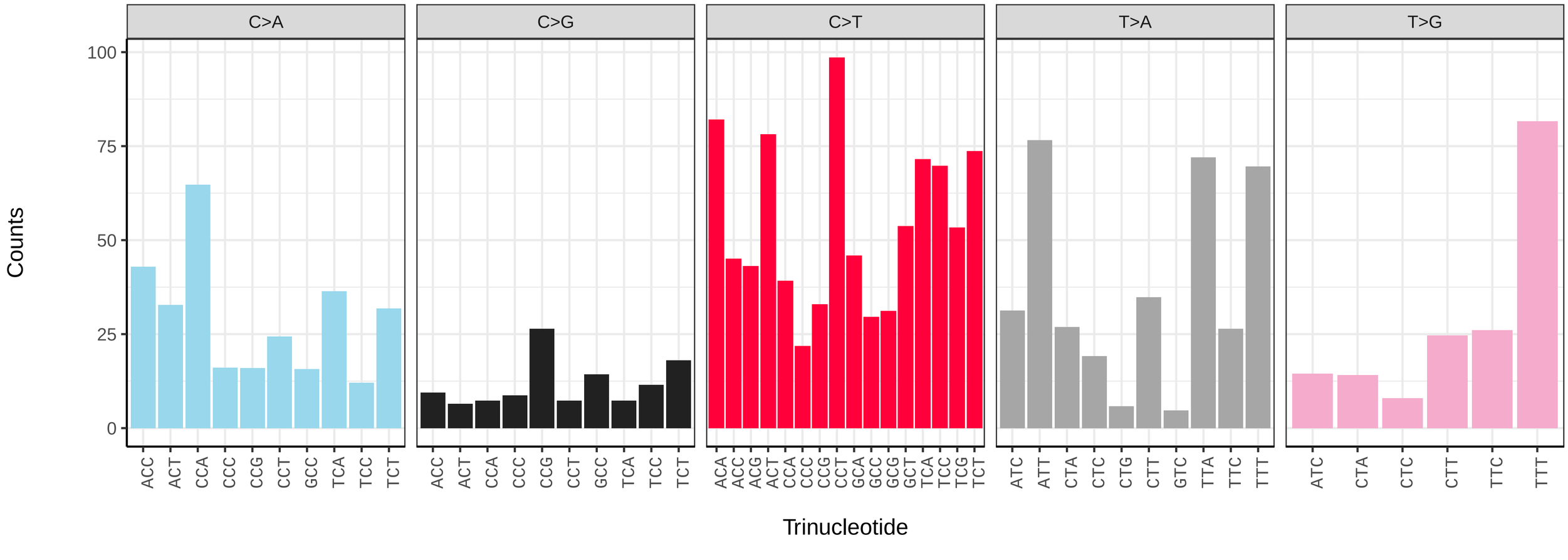
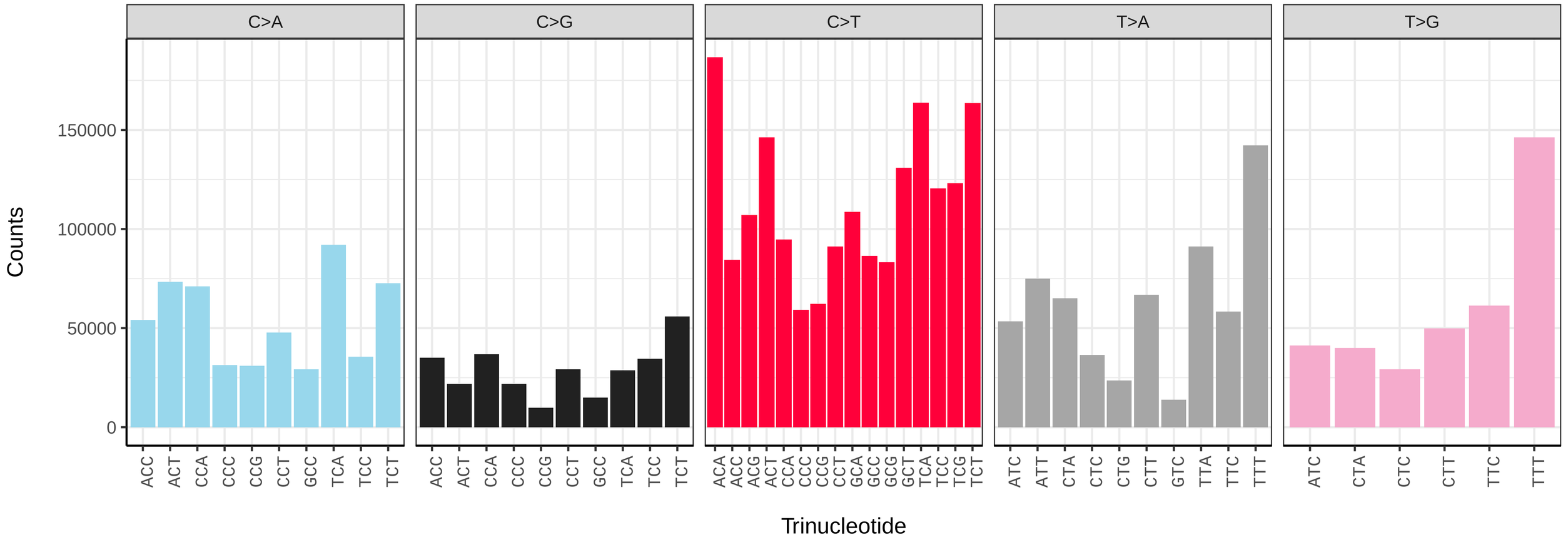
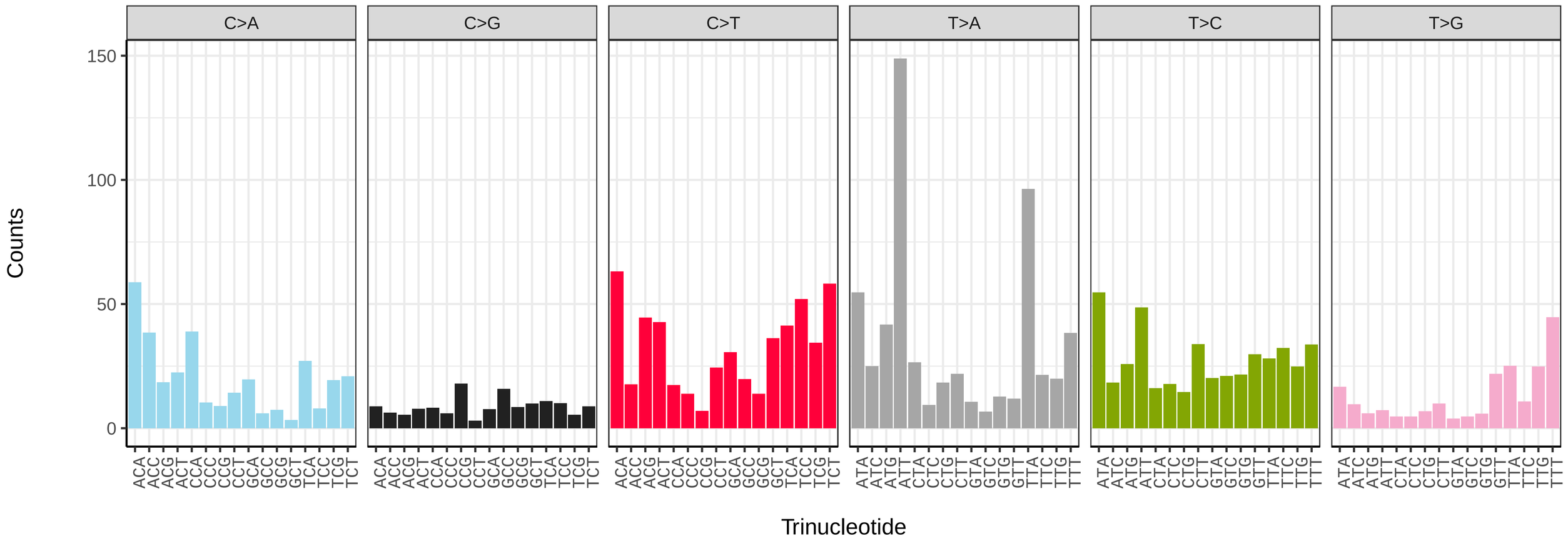


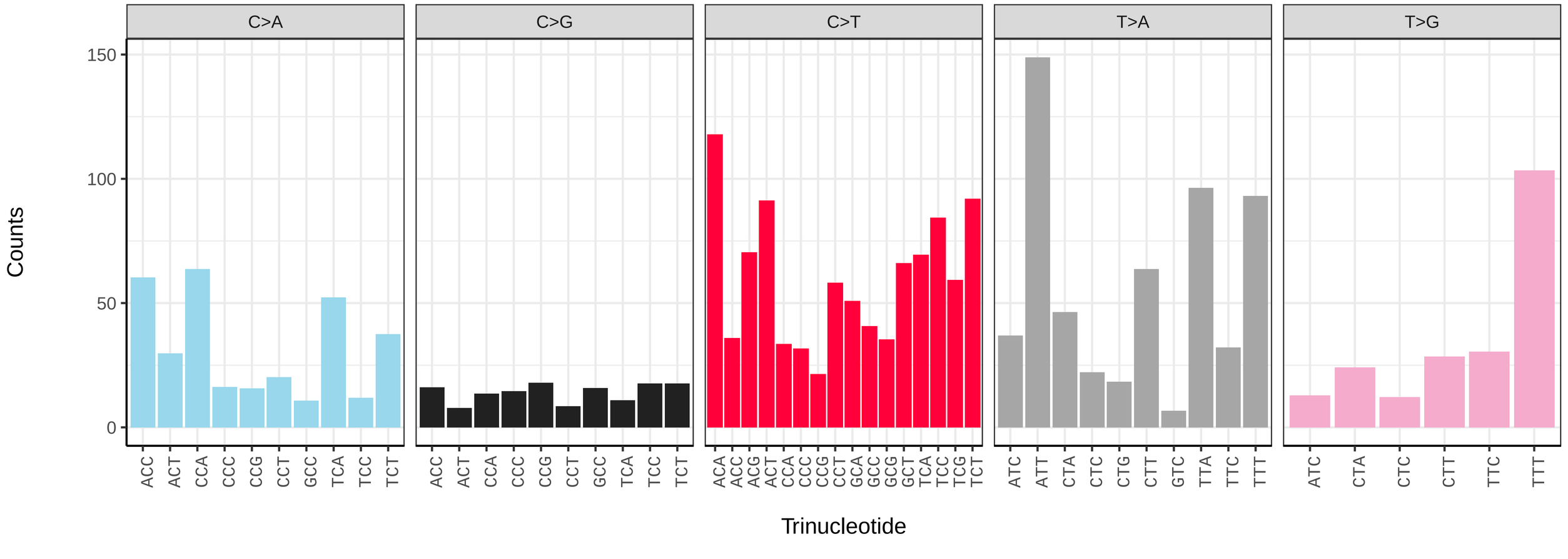
Cheilosia vernalis (idCheVern2) germline mutational spectrum



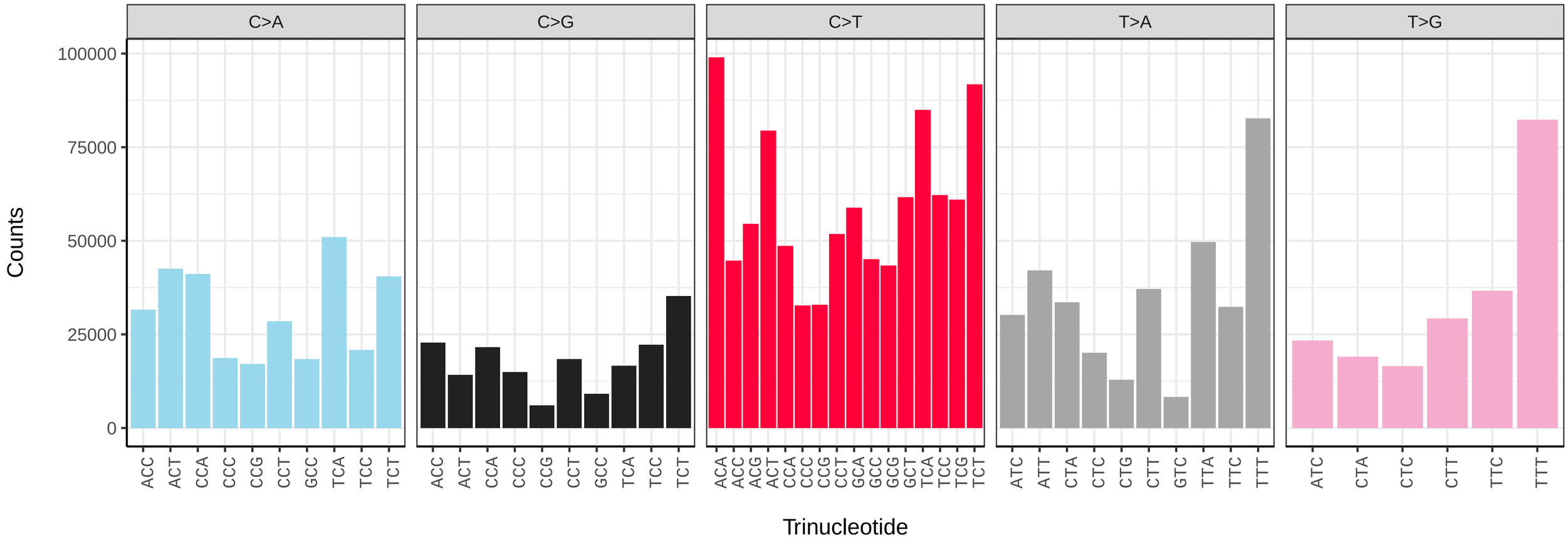
Cheilosia vernalis (idCheVern2) somatic mutational spectrum (SBS96 classification)



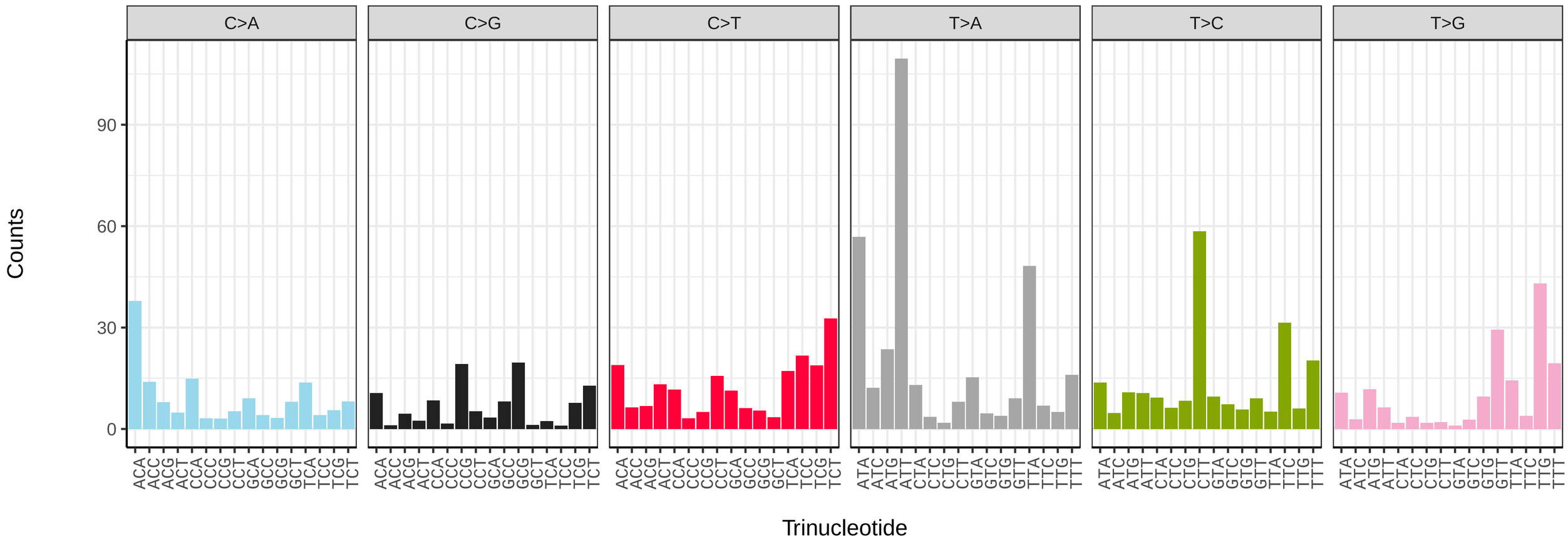
Cheilosia vernalis (idCheVern2) somatic mutational spectrum (SBS52 classification)



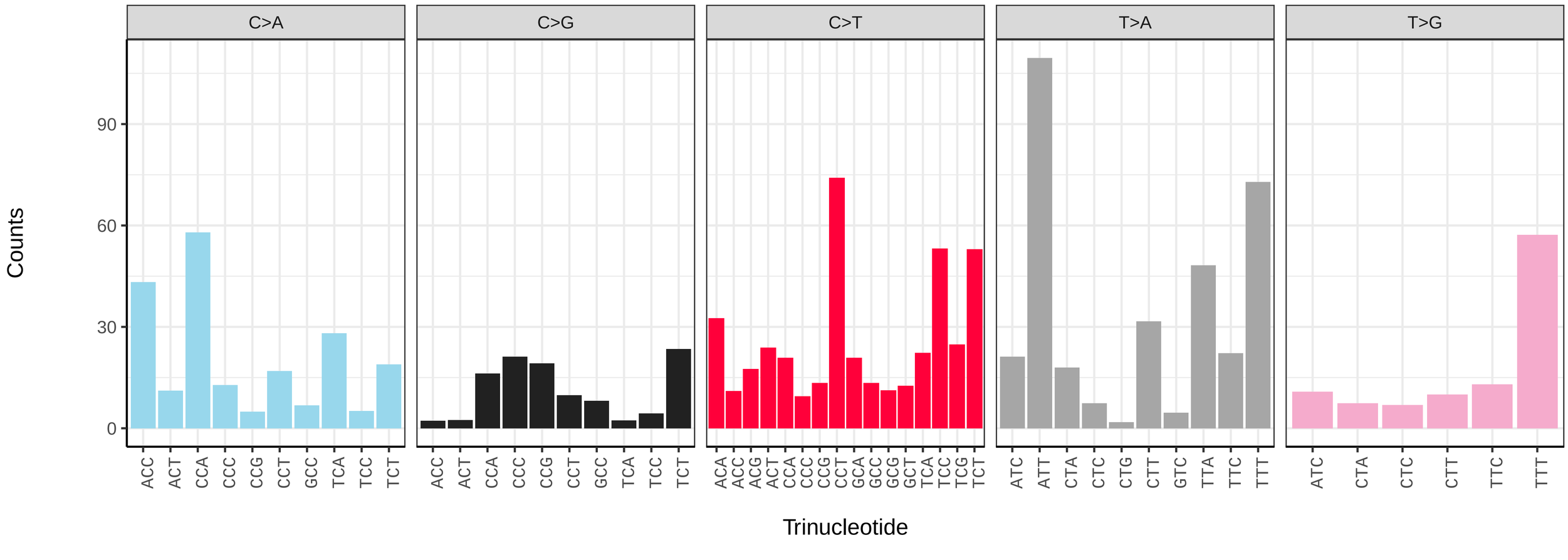
Cheilosia vulpina (idCheVulp2) germline mutational spectrum



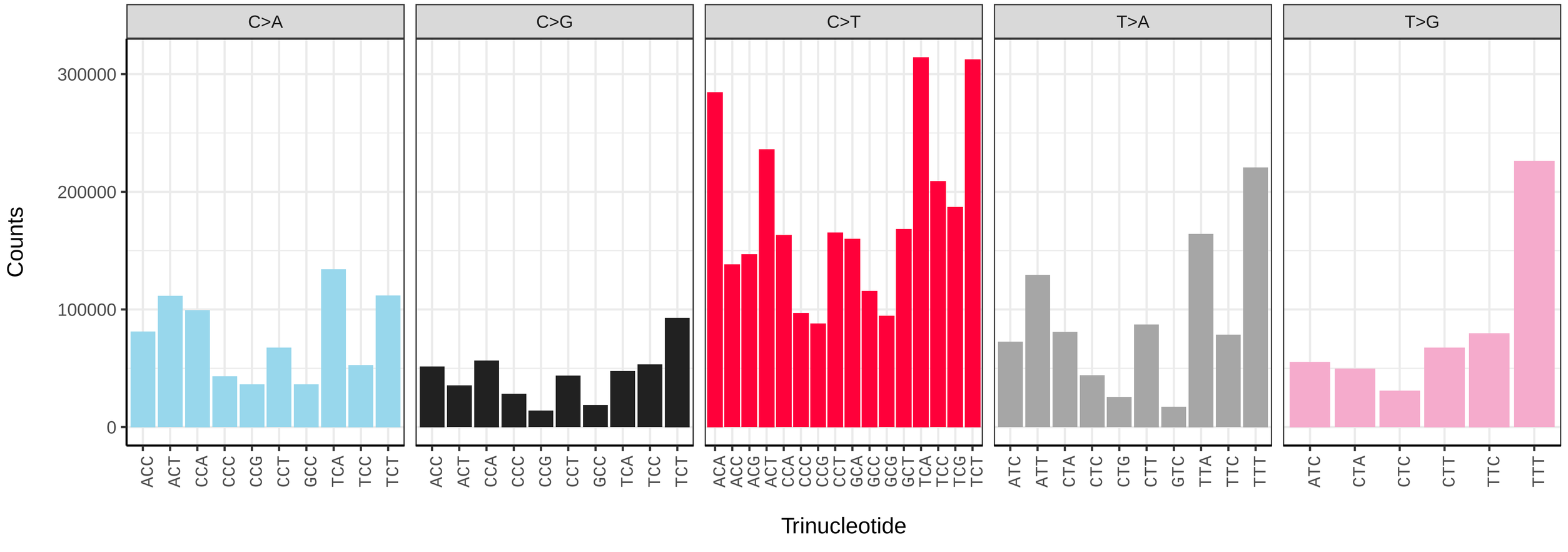
Cheilosia vulpina (idCheVulp2) somatic mutational spectrum (SBS96 classification)



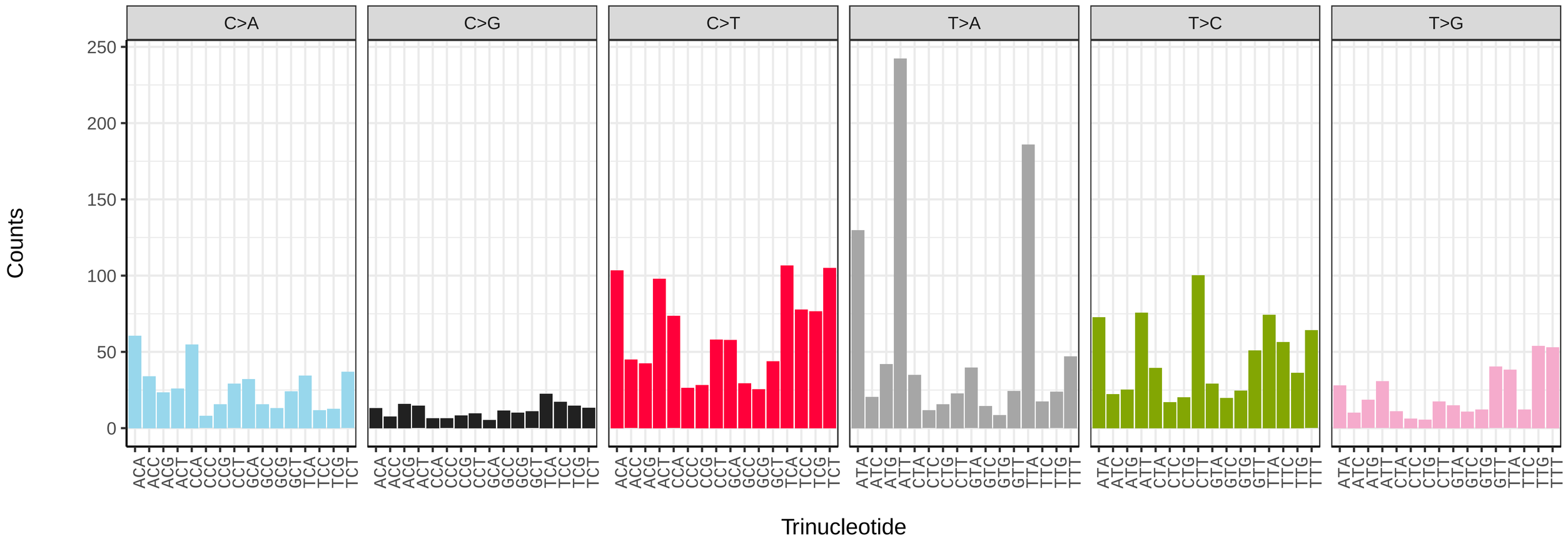
Cheilosia vulpina (idCheVulp2) somatic mutational spectrum (SBS52 classification)



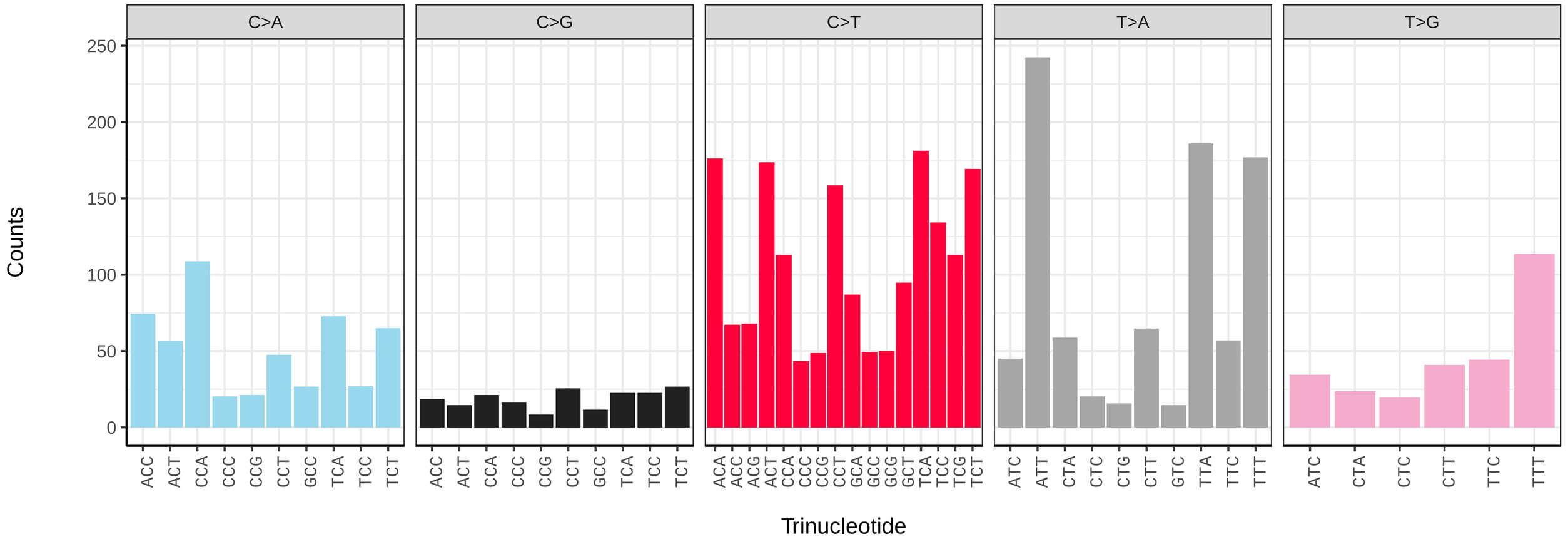
Chrysotoxum bicinctum (idChrBici1) germline mutational spectrum



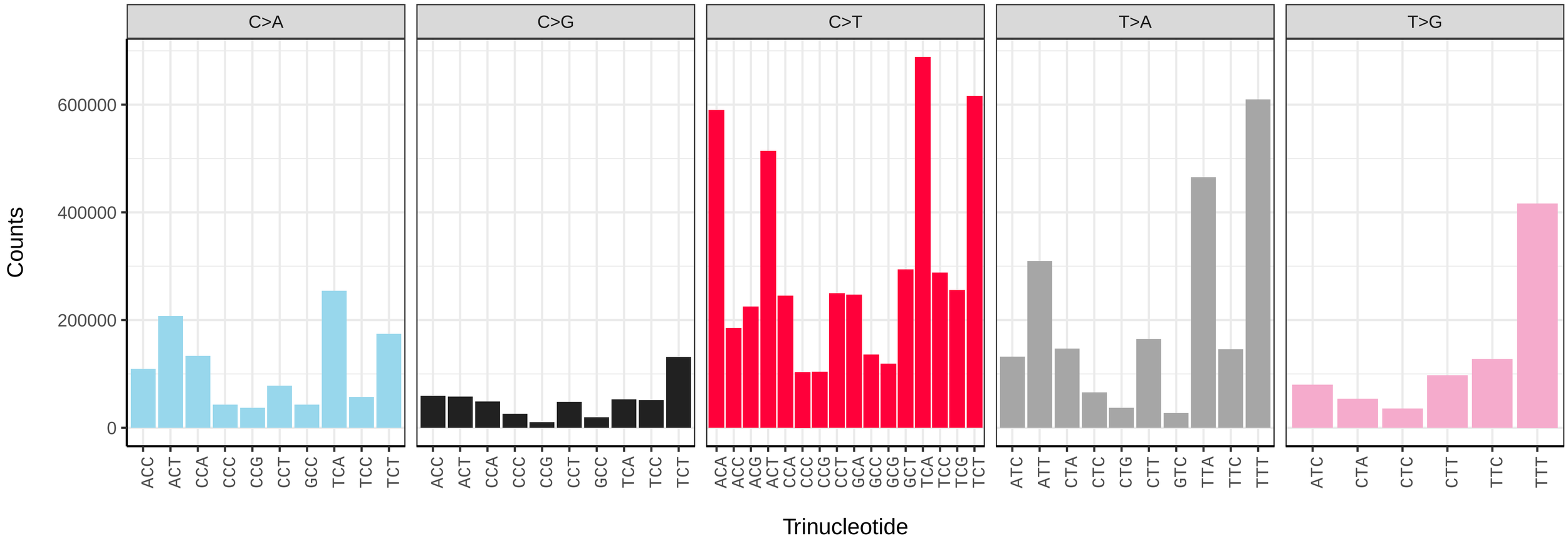
Chrysotoxum bicinctum (idChrBici1) somatic mutational spectrum (SBS96 classification)



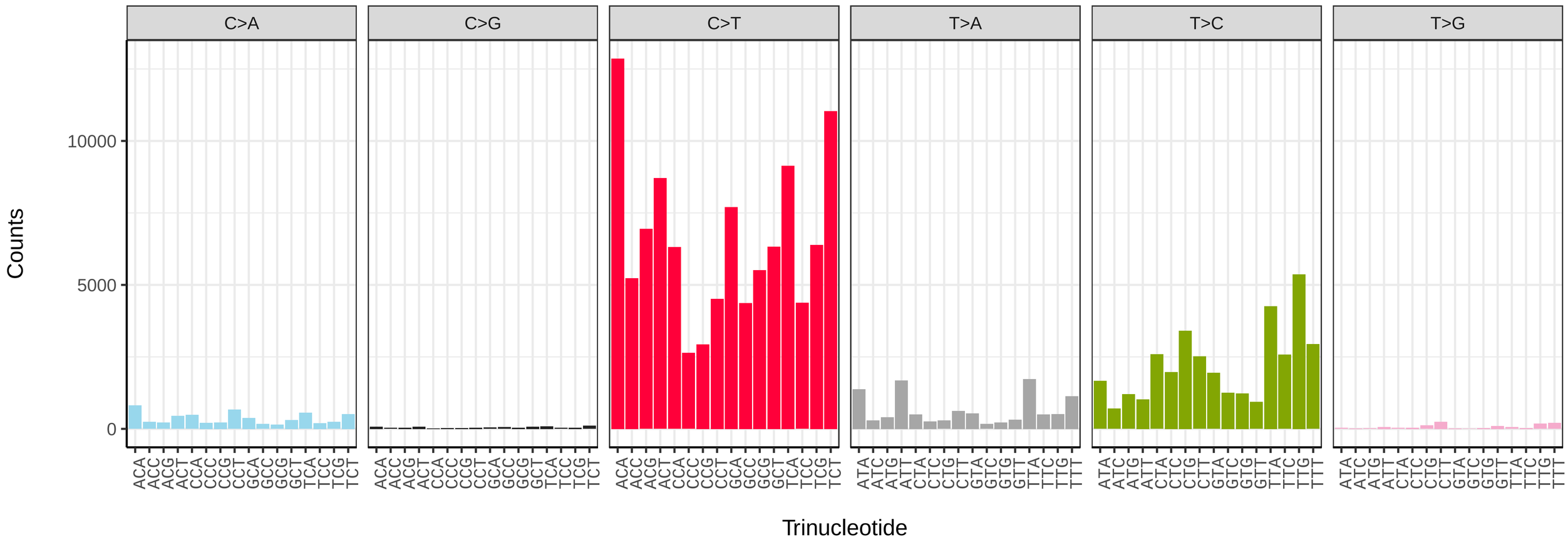
Chrysotoxum bicinctum (idChrBici1) somatic mutational spectrum (SBS52 classification)



Cistogaster globosa (idCisGlob1) germline mutational spectrum



Cistogaster globosa (idCisGlob1) somatic mutational spectrum (SBS96 classification)



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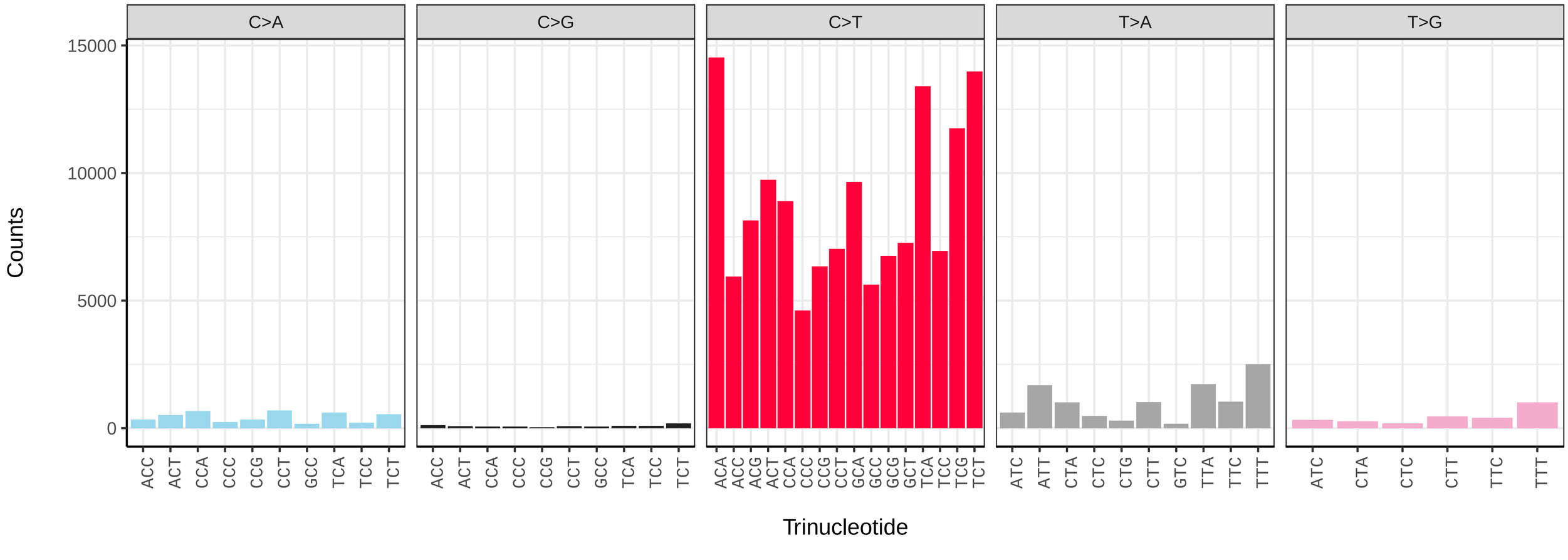
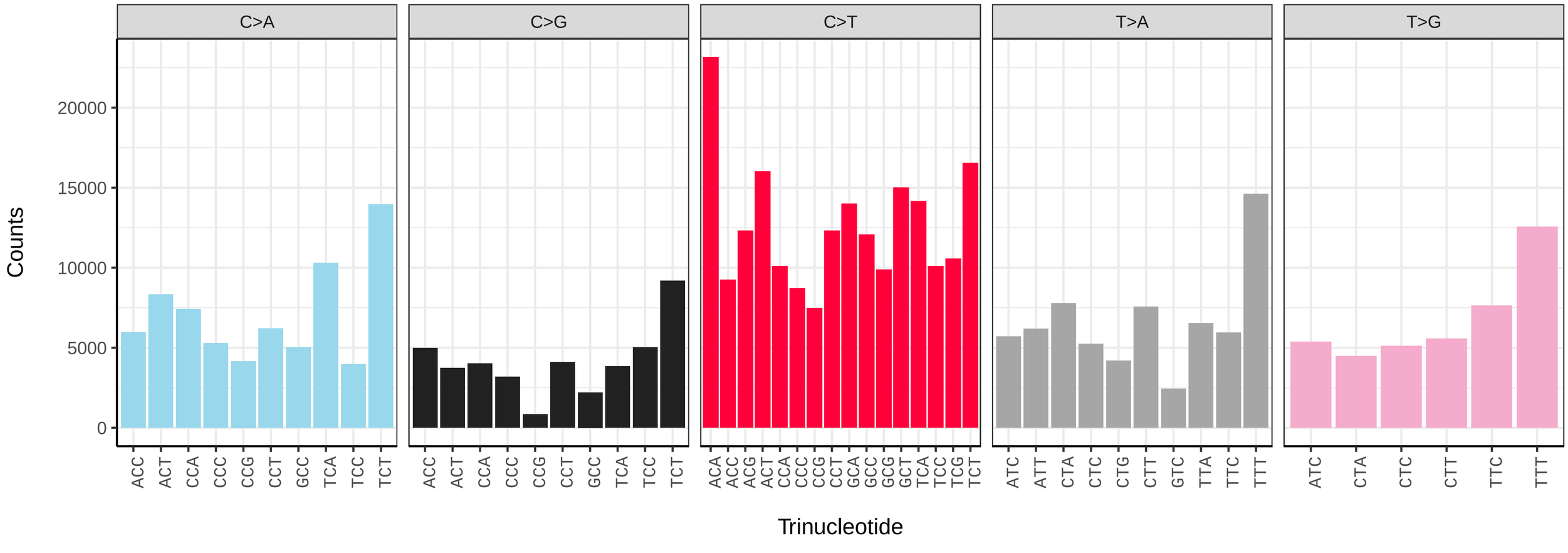
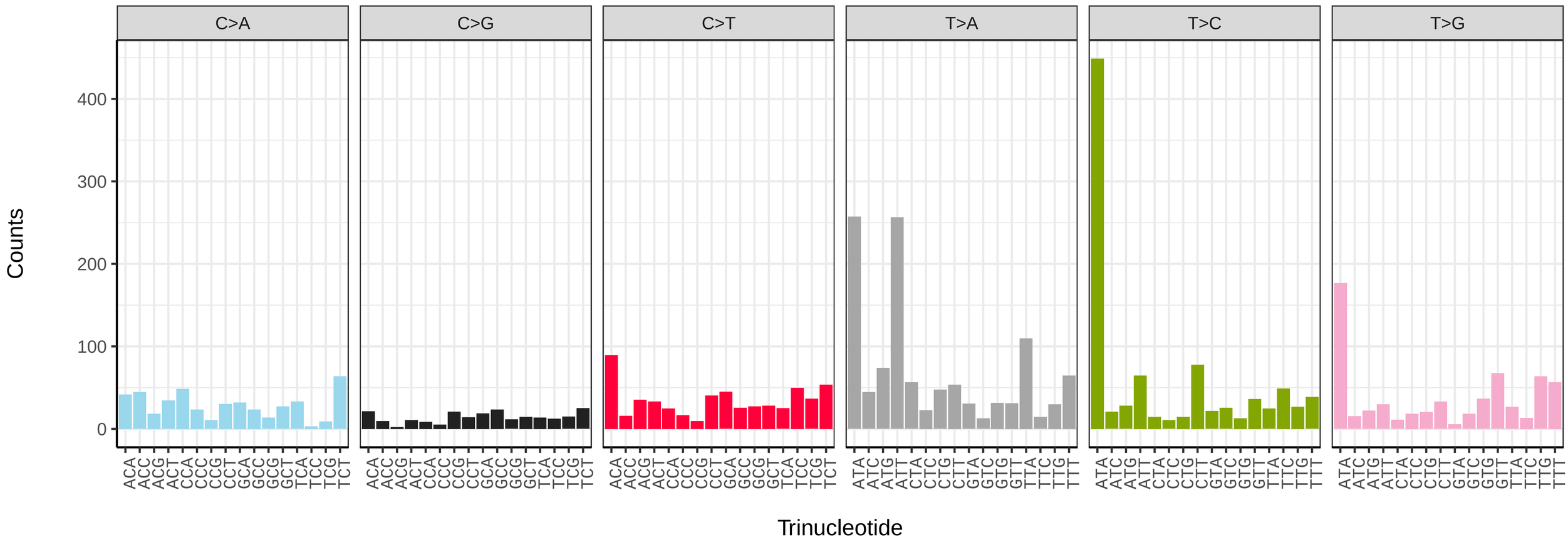


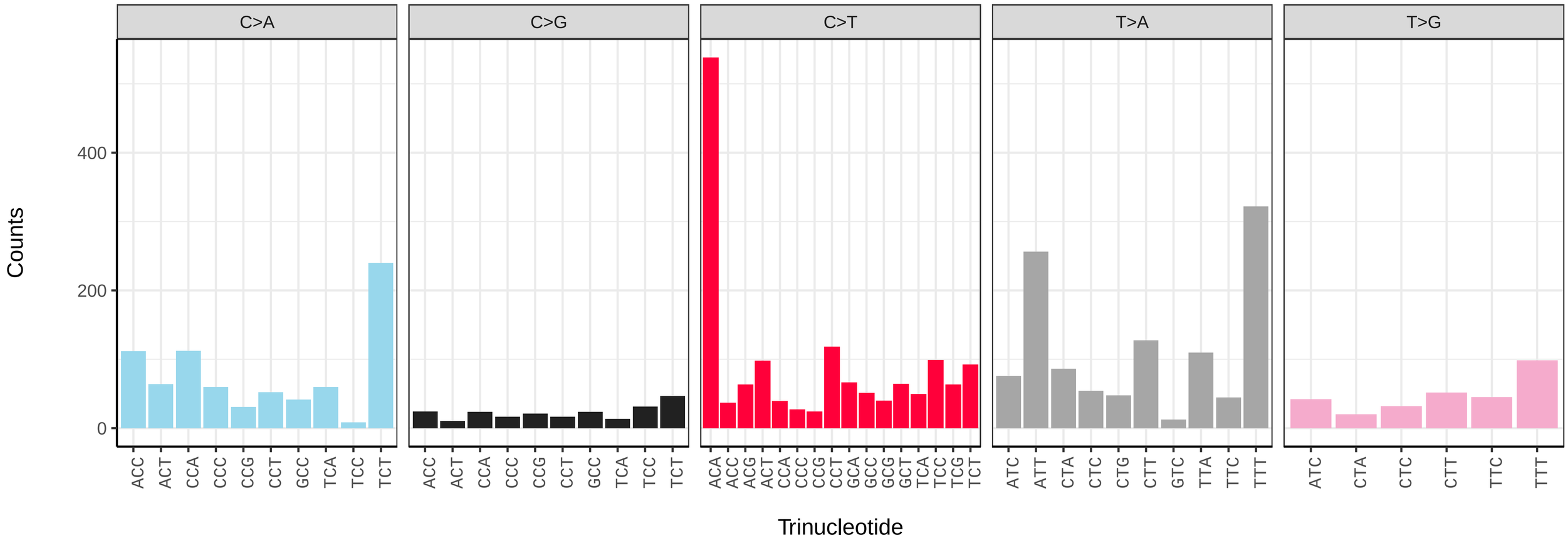
Clusia tigrina (idCluTigr1) germline mutational spectrum



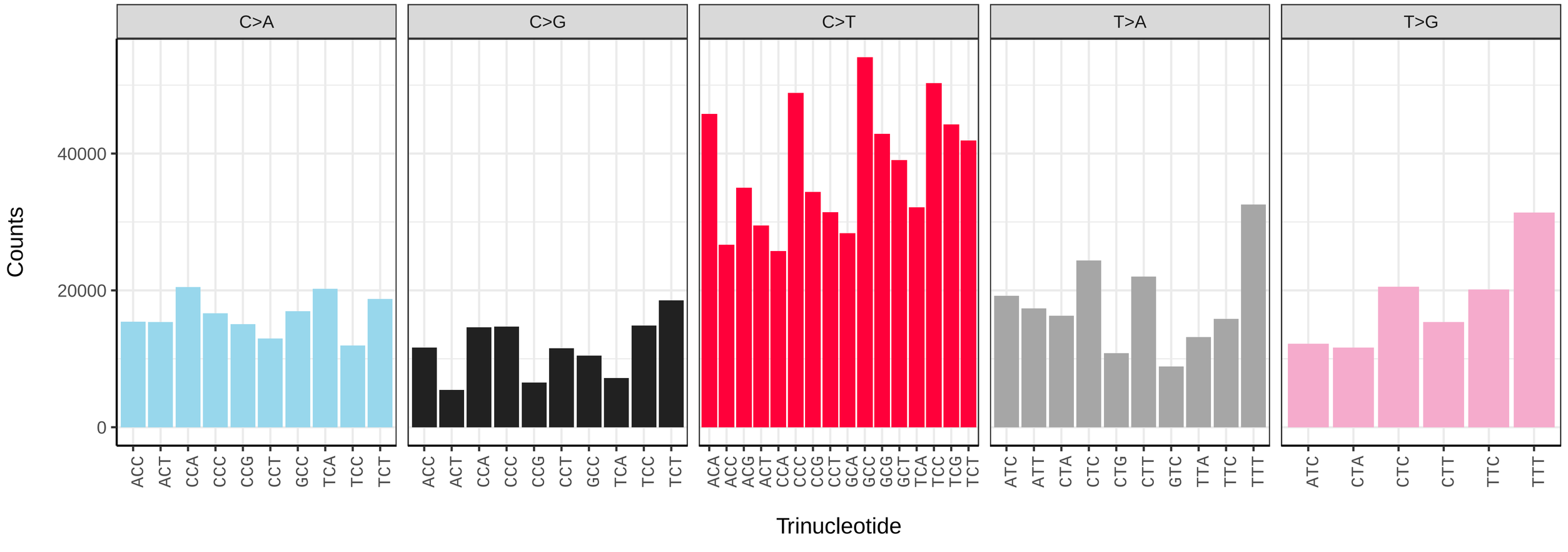
Clusia tigrina (idCluTigr1) somatic mutational spectrum (SBS96 classification)



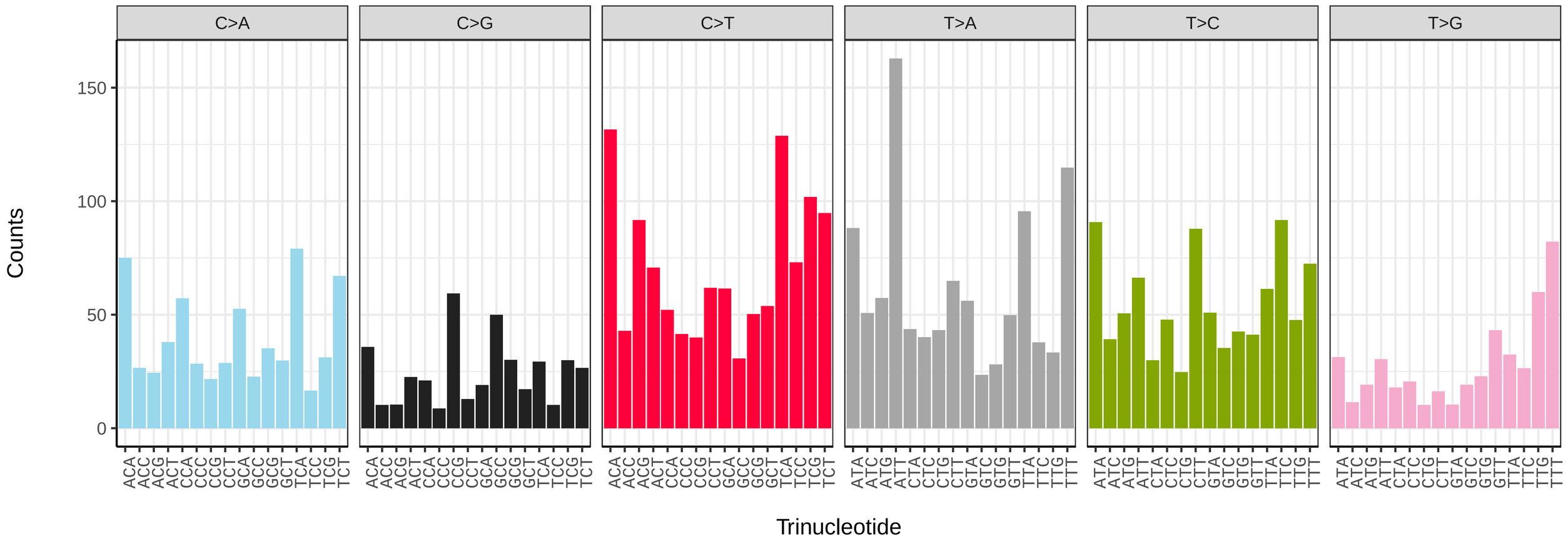
Clusia tigrina (idCluTigr1) somatic mutational spectrum (SBS52 classification)



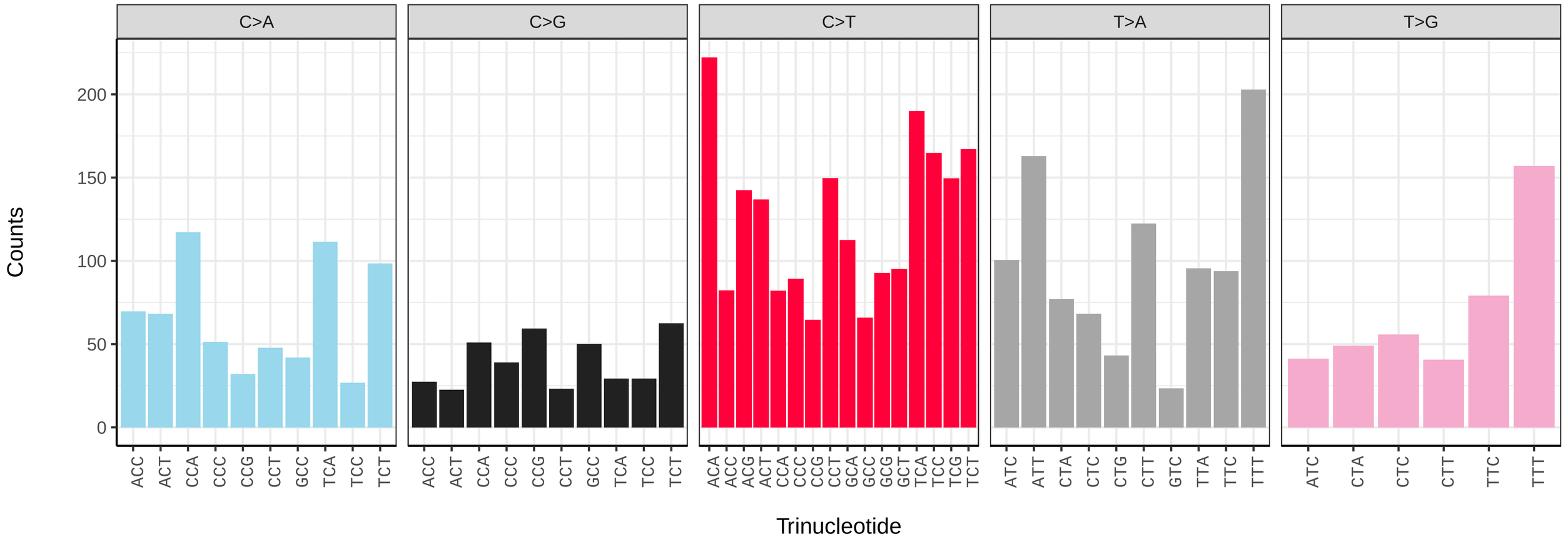
Coelopa pilipes (idCoePili4) germline mutational spectrum



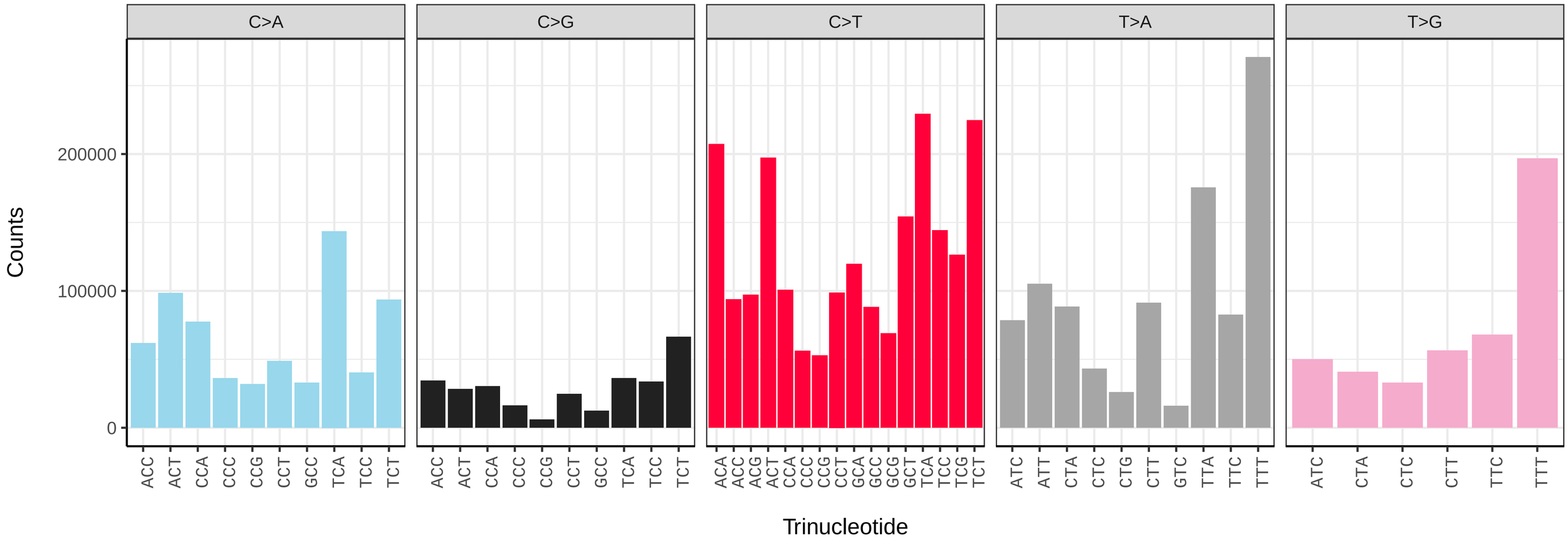
Coelopa pilipes (idCoePili4) somatic mutational spectrum (SBS96 classification)



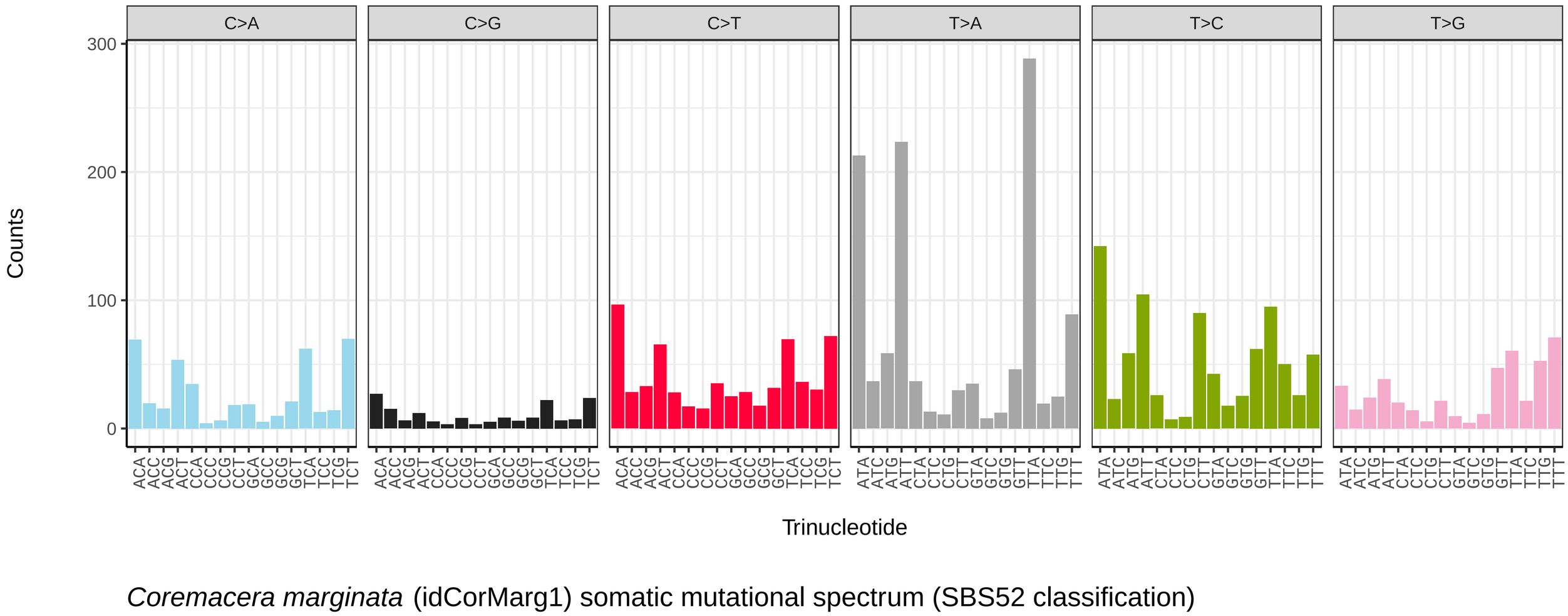
Coelopa pilipes (idCoePili4) somatic mutational spectrum (SBS52 classification)



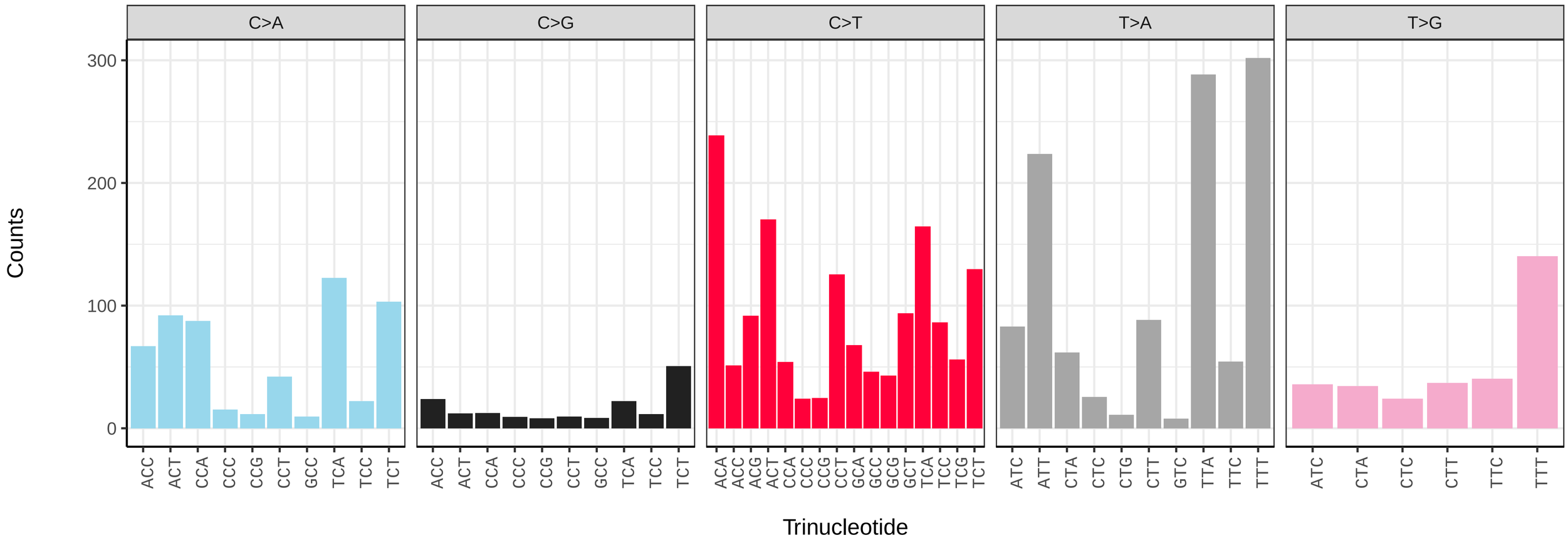
Coremacera marginata (idCorMarg1) germline mutational spectrum



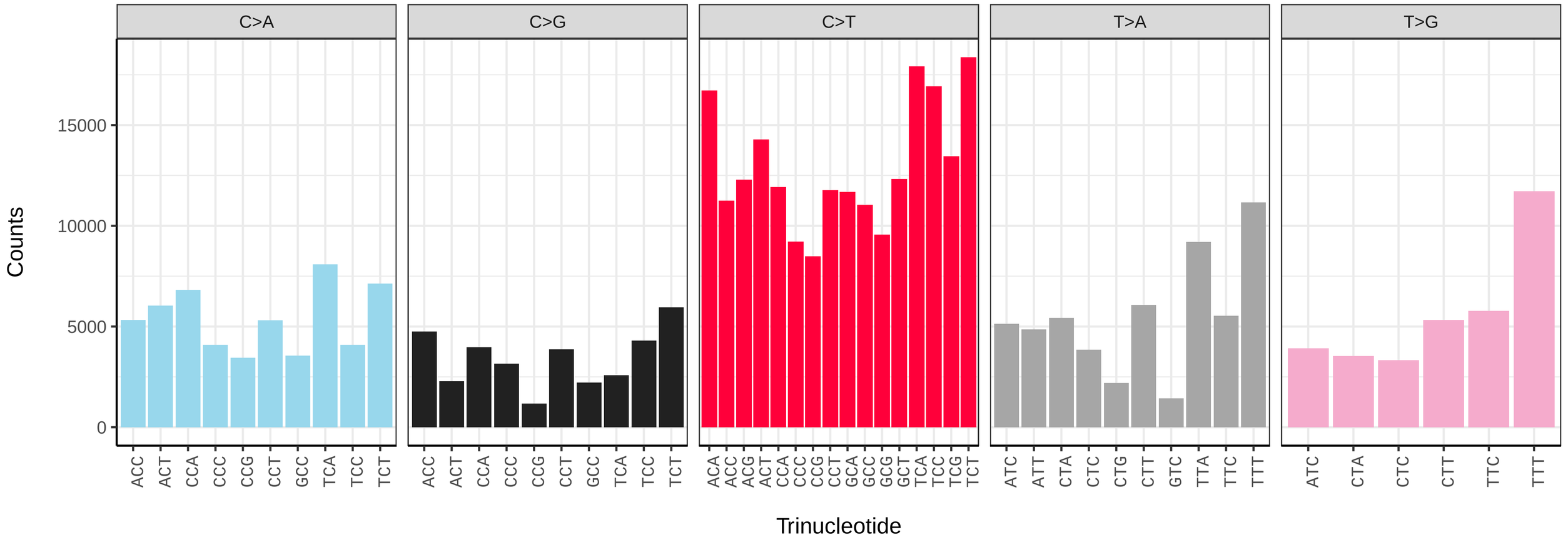
Coremacera marginata (idCorMarg1) somatic mutational spectrum (SBS96 classification)



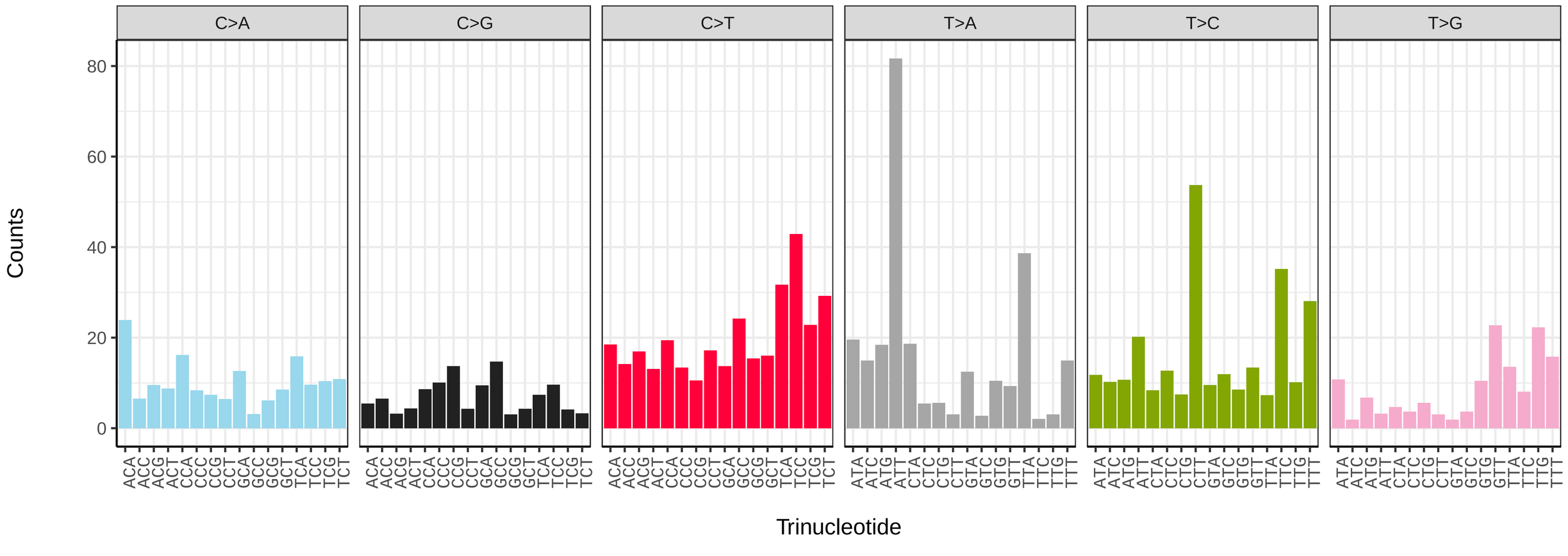
Coremacera marginata (idCorMarg1) somatic mutational spectrum (SBS52 classification)



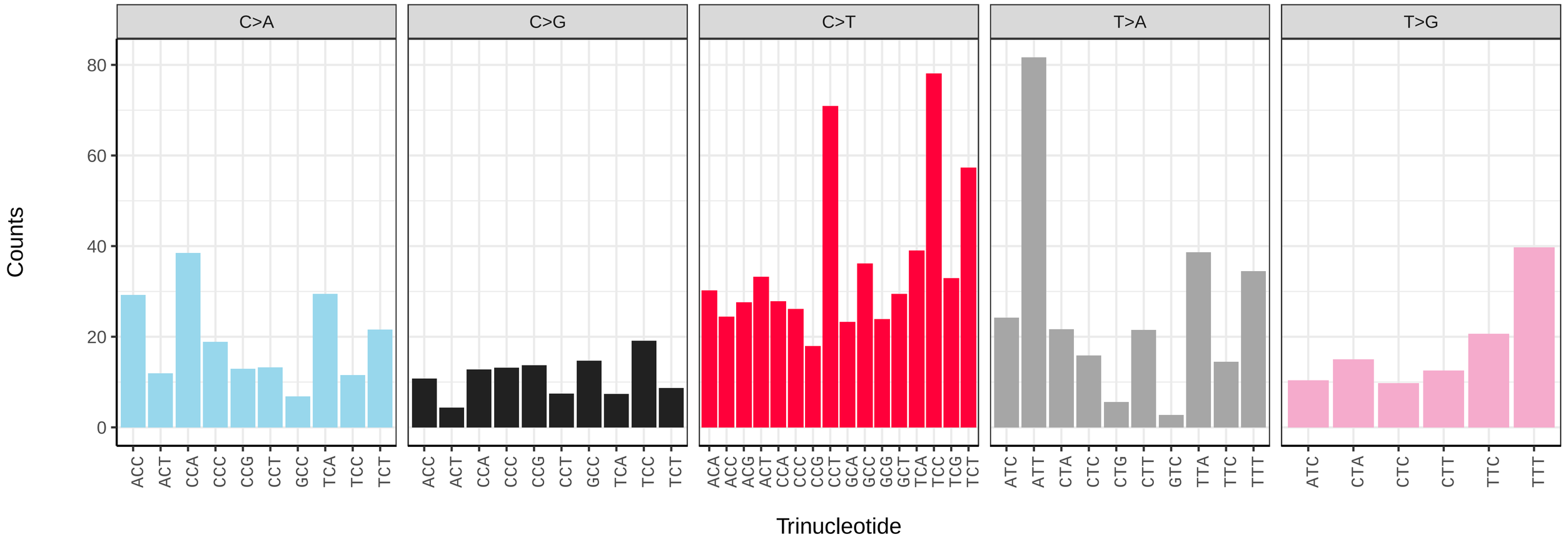
Criorhina berberina (idCriBerb1) germline mutational spectrum



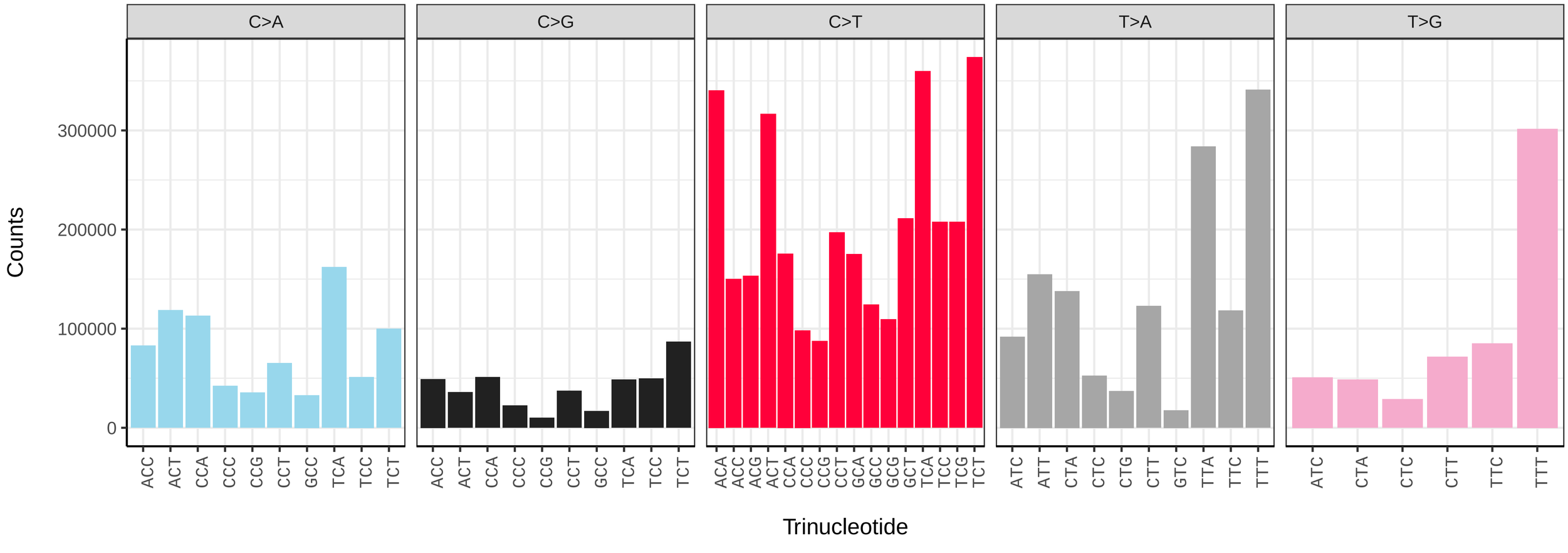
Criorhina berberina (idCriBerb1) somatic mutational spectrum (SBS96 classification)



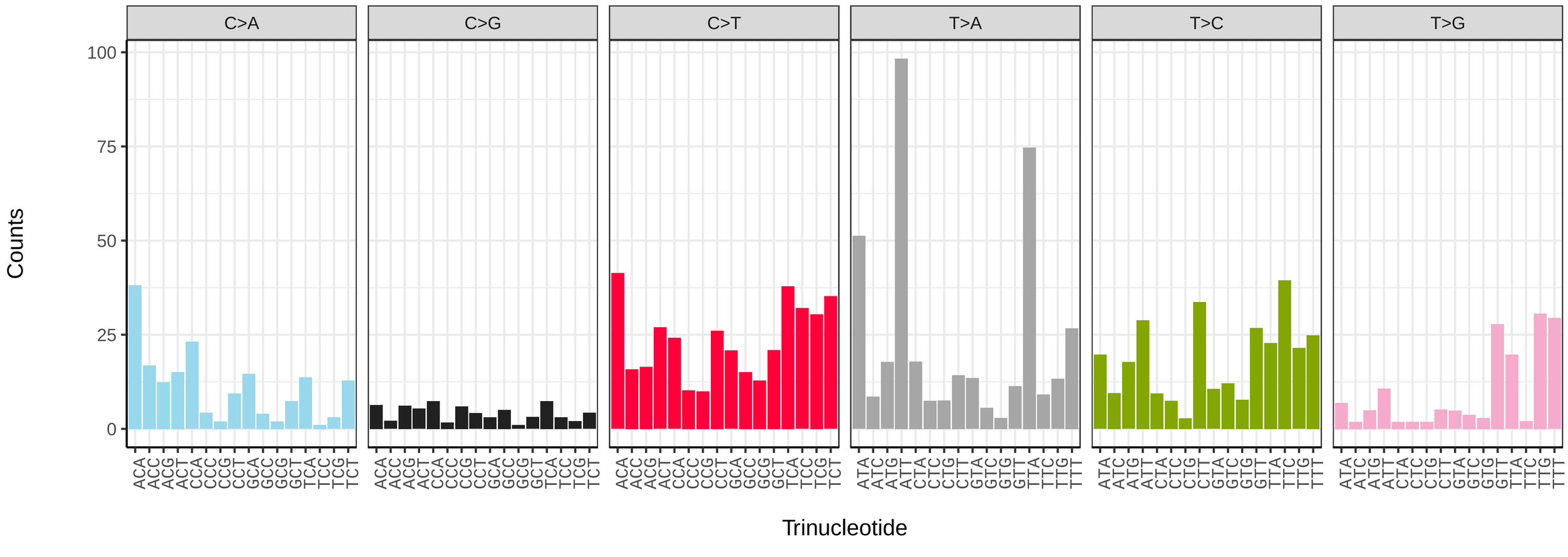
Criorhina berberina (idCriBerb1) somatic mutational spectrum (SBS52 classification)



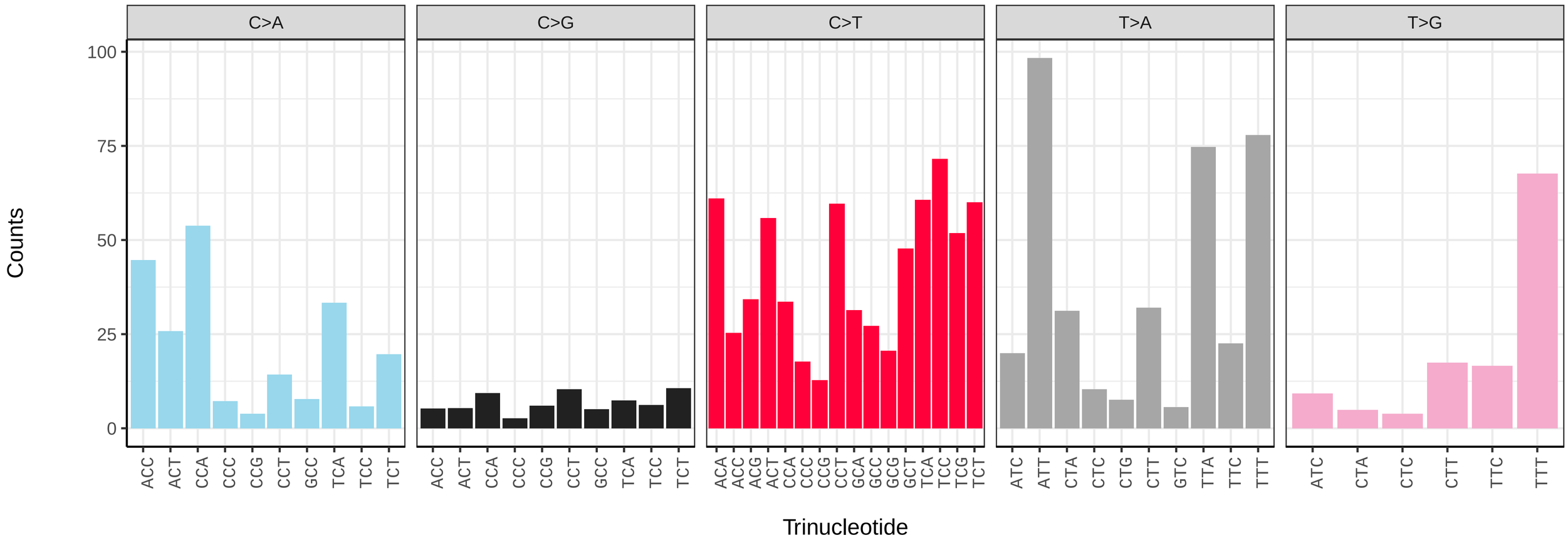
Dasysyrphus albostriatus (idDasAlbo1) germline mutational spectrum



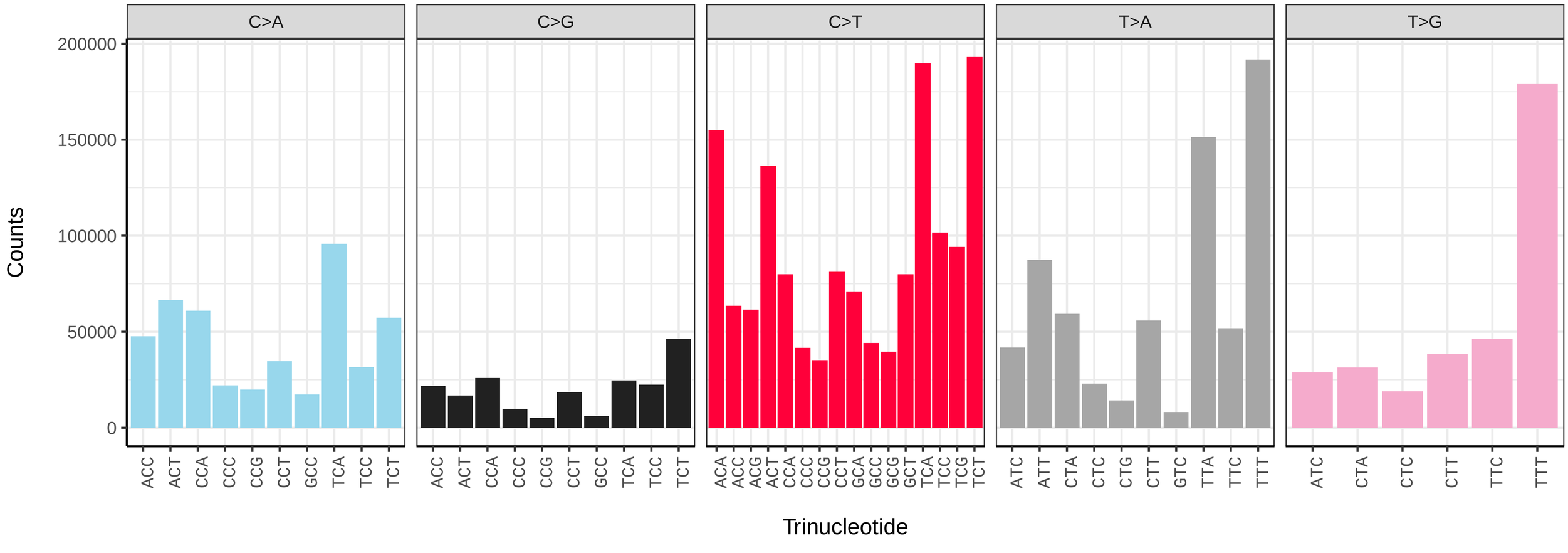
Dasysyrphus albostriatus (idDasAlbo1) somatic mutational spectrum (SBS96 classification)



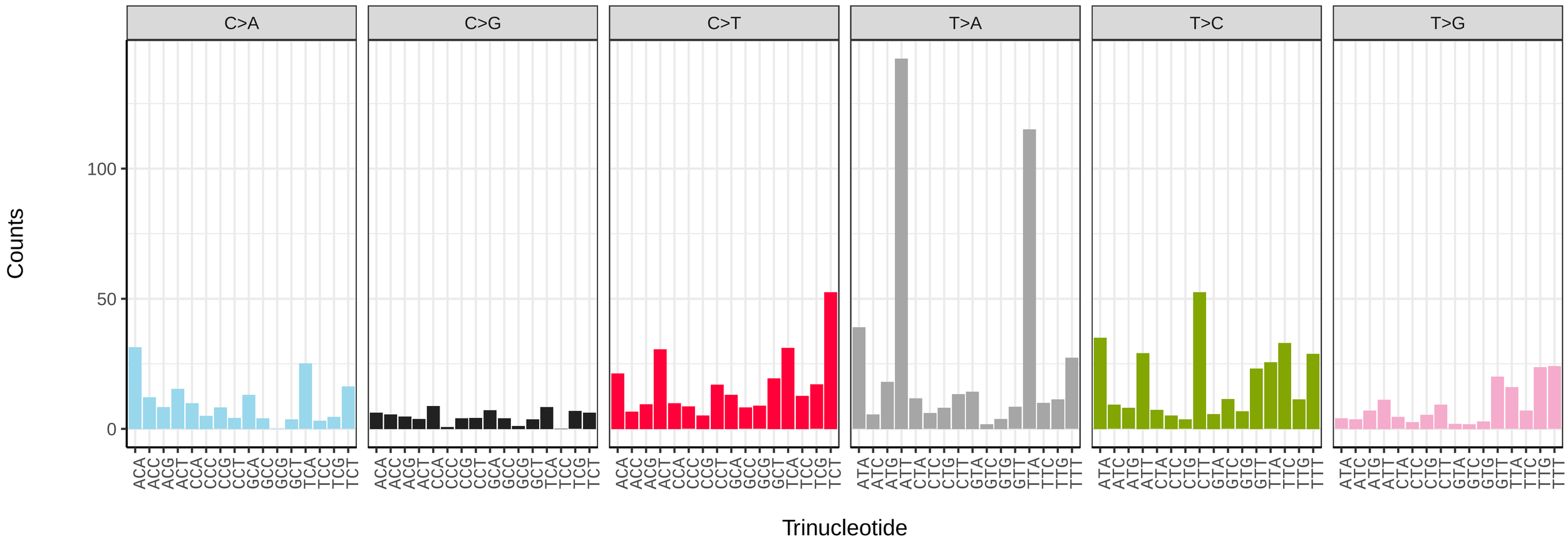
Dasysyrphus albostriatus (idDasAlbo1) somatic mutational spectrum (SBS52 classification)



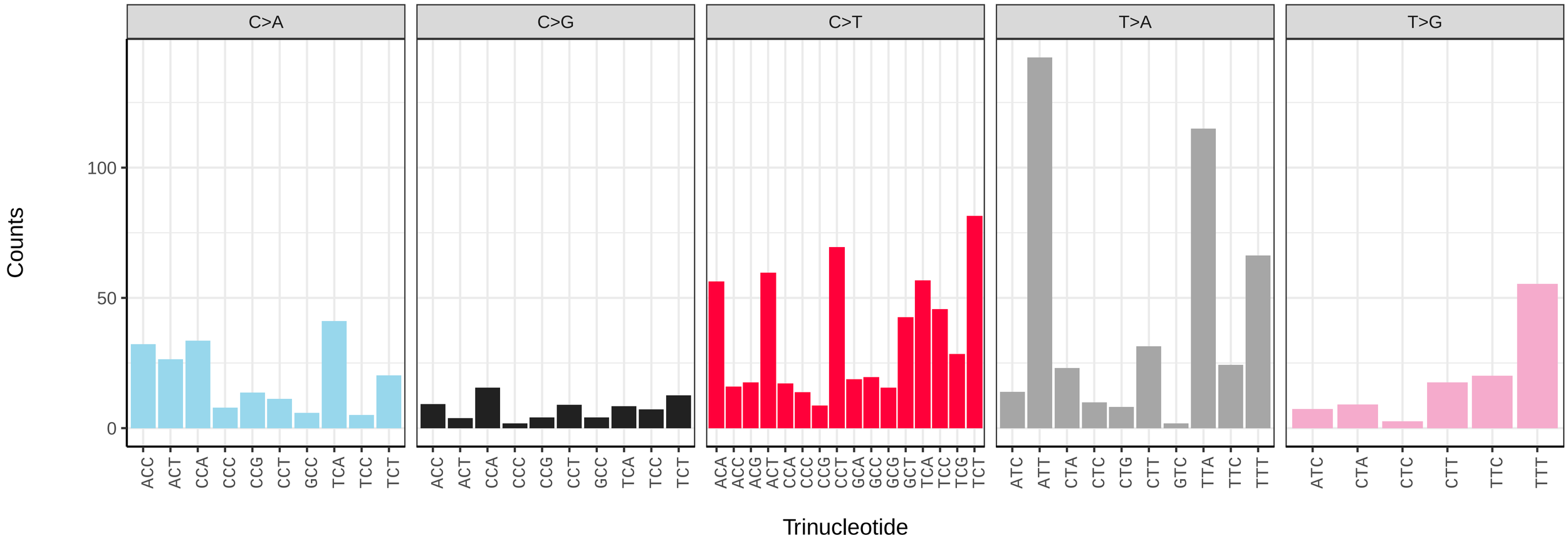
Episyrphus balteatus (idEpiBalt1) germline mutational spectrum



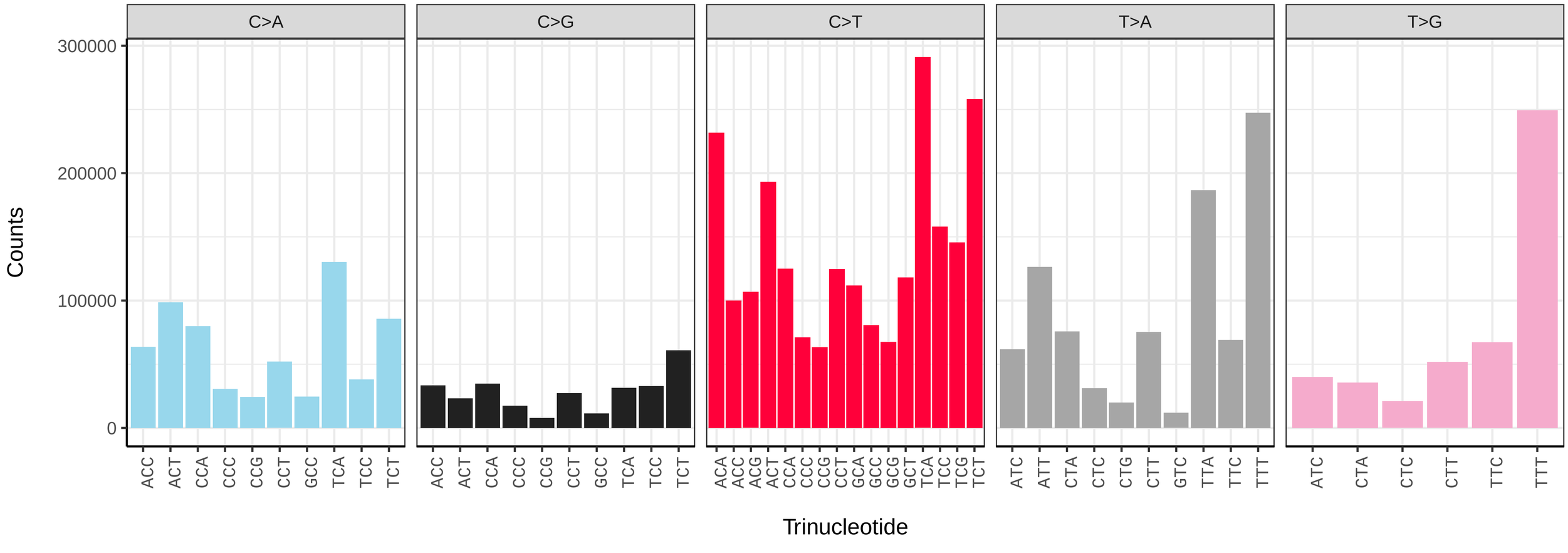
Episyrphus balteatus (idEpiBalt1) somatic mutational spectrum (SBS96 classification)



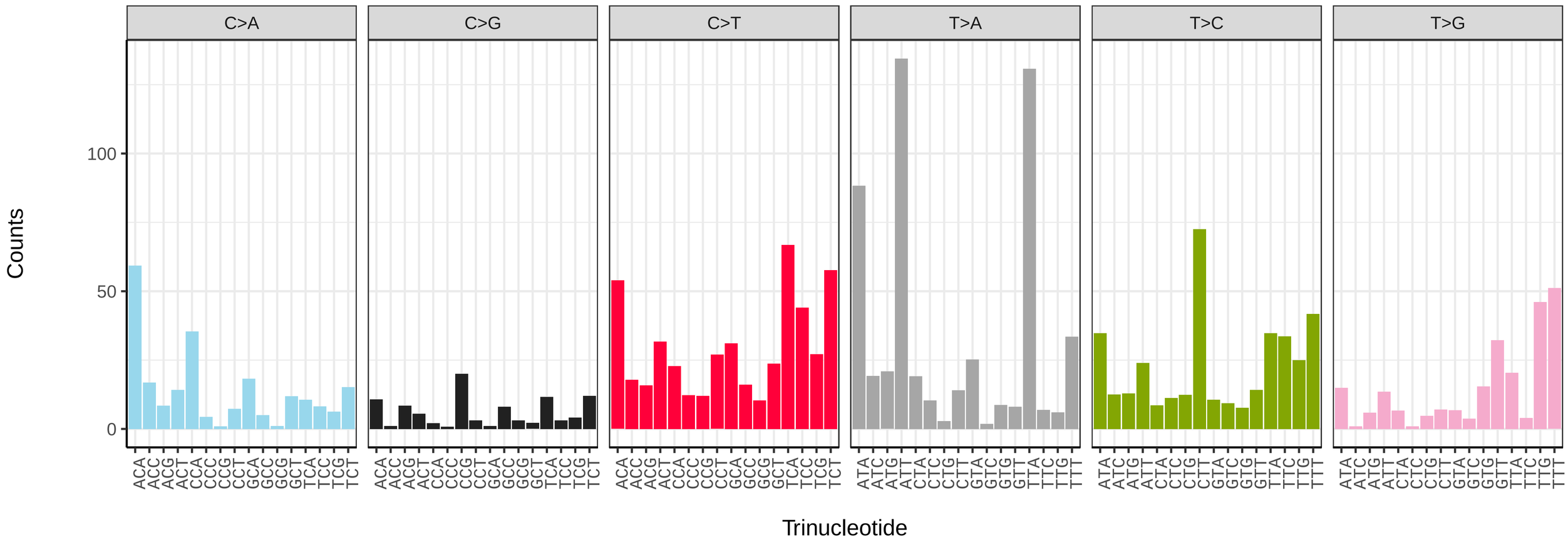
Episyrphus balteatus (idEpiBalt1) somatic mutational spectrum (SBS52 classification)



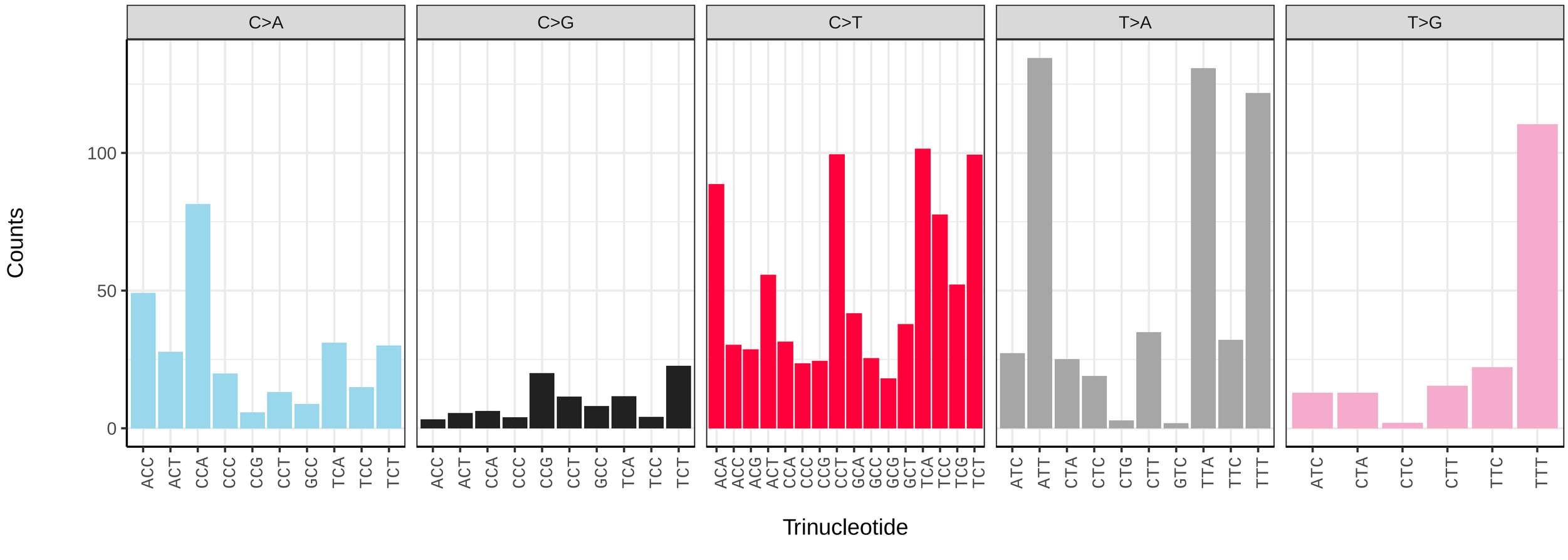
Epistrophella euchroma (idEpiEuco1) germline mutational spectrum



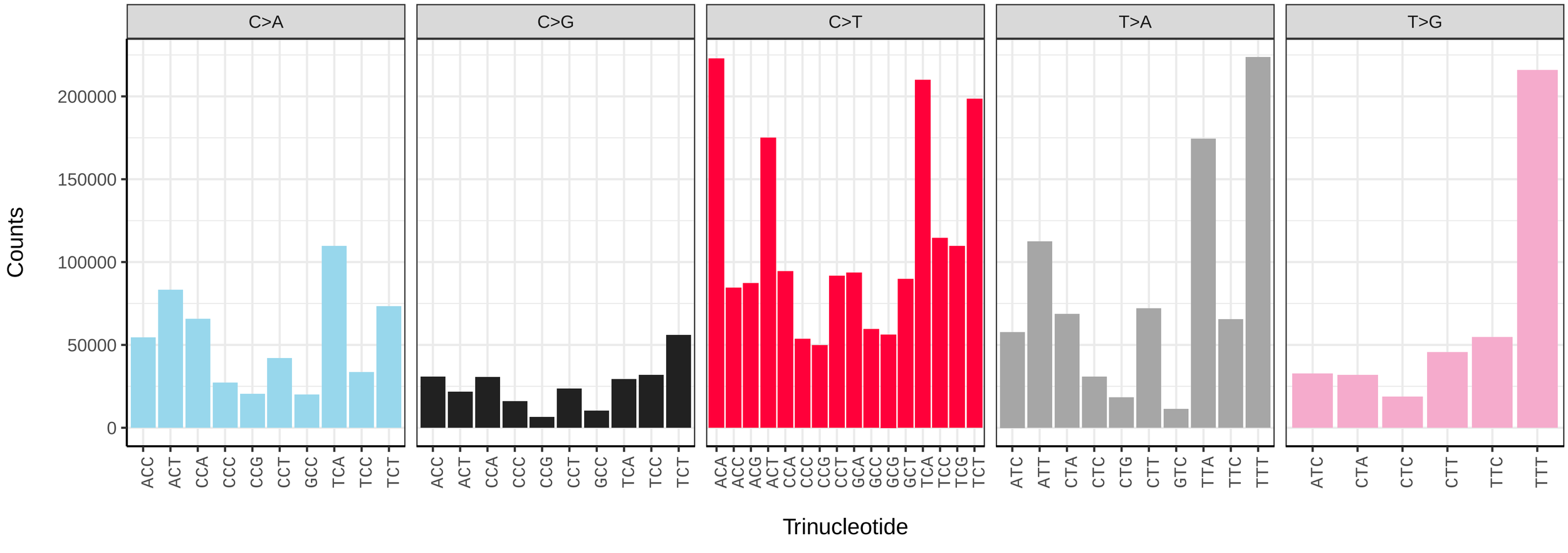
Epistrophella euchroma (idEpiEuco1) somatic mutational spectrum (SBS96 classification)



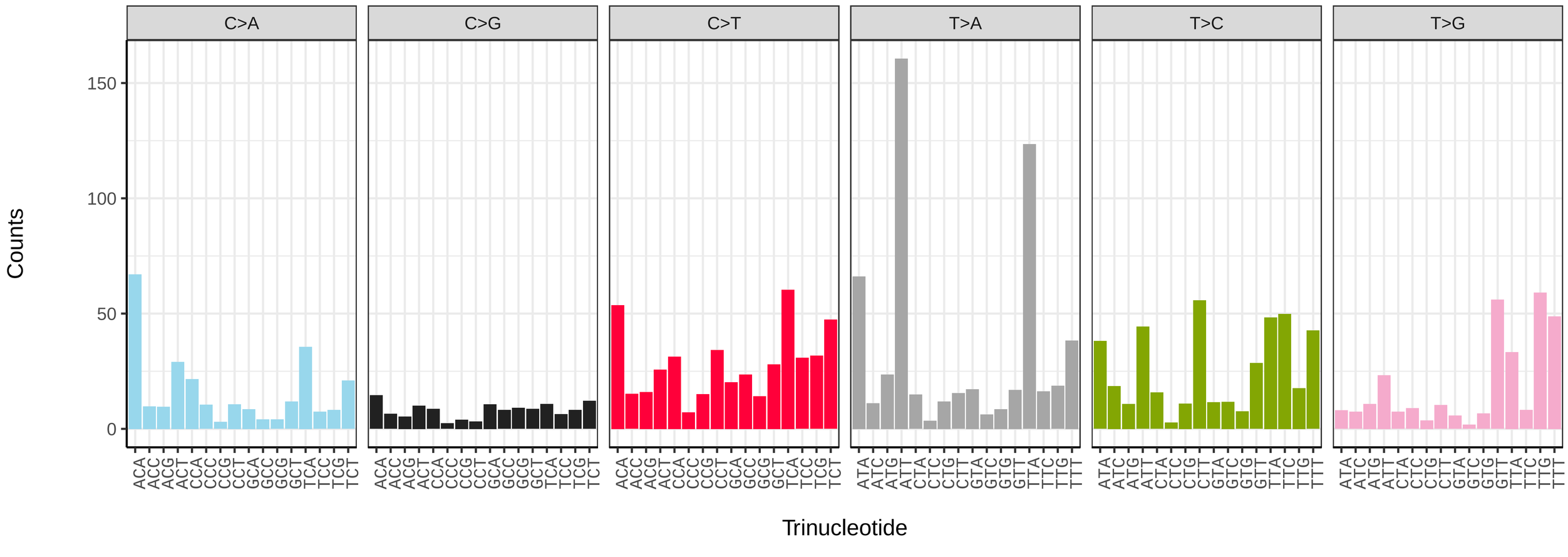
Epistrophella euchroma (idEpiEuco1) somatic mutational spectrum (SBS52 classification)



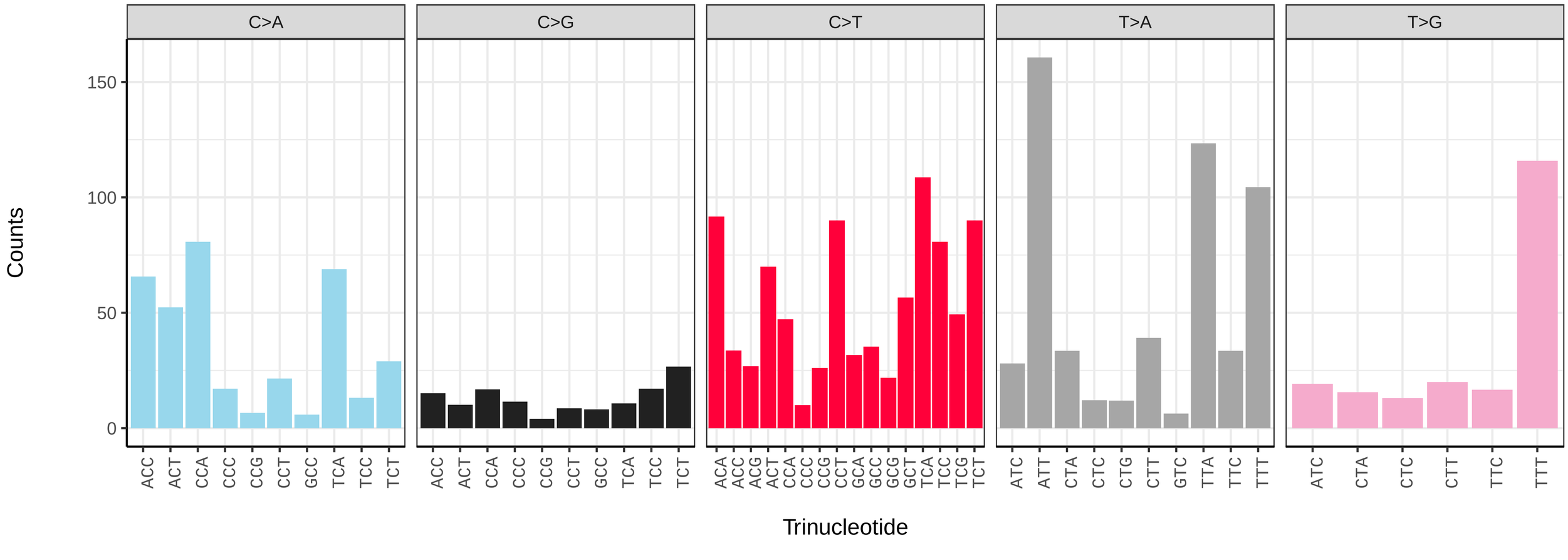
Epistrophe grossulariae (idEpiGros1) germline mutational spectrum



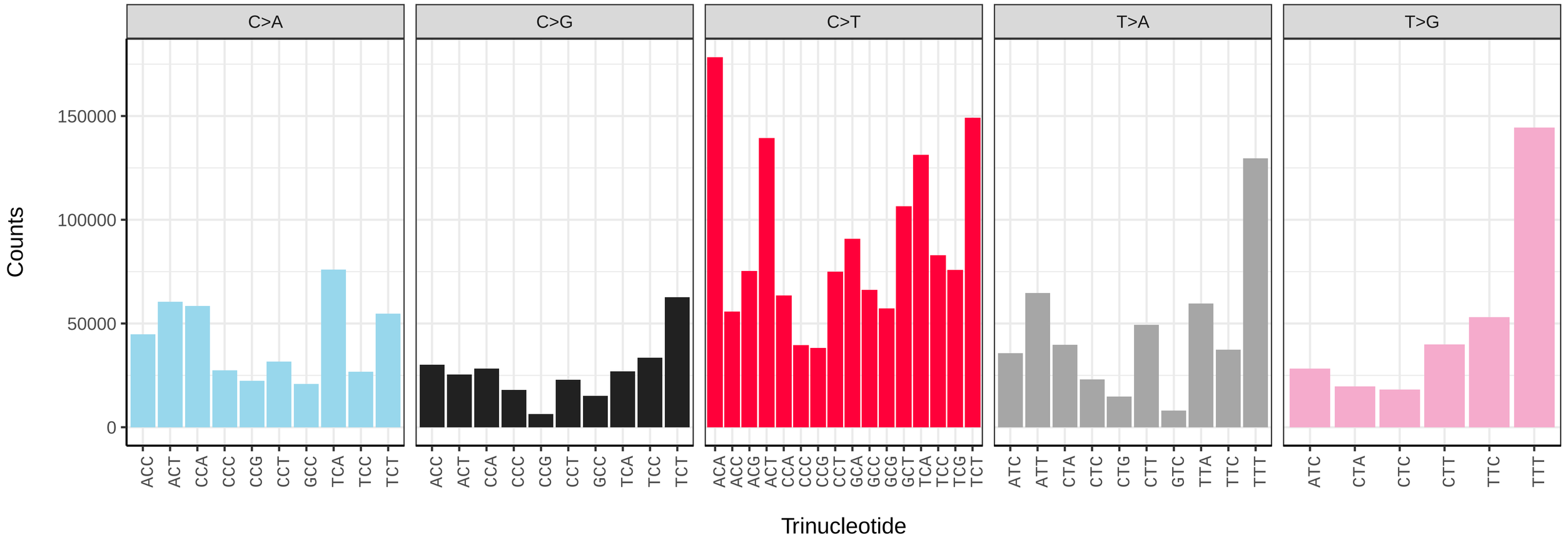
Epistrophe grossulariae (idEpiGros1) somatic mutational spectrum (SBS96 classification)



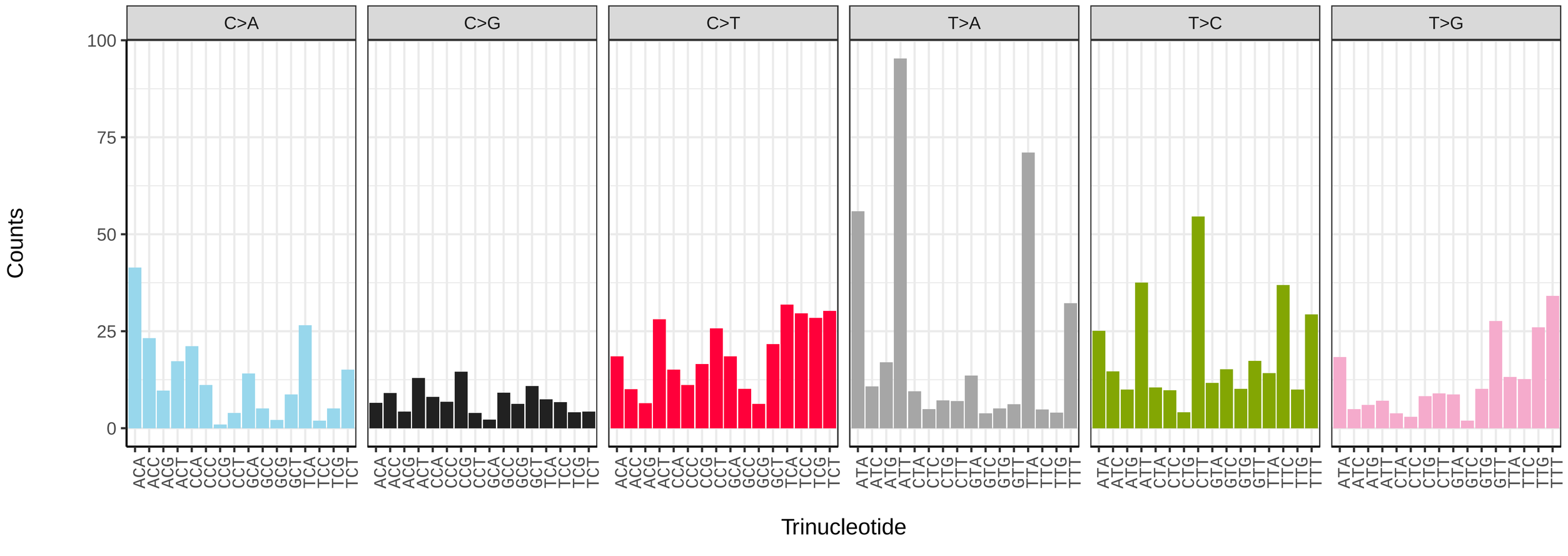
Epistrophe grossulariae (idEpiGros1) somatic mutational spectrum (SBS52 classification)



Epicampocera succincta (idEpiSucc1) germline mutational spectrum



Epicampocera succincta (idEpiSucc1) somatic mutational spectrum (SBS96 classification)



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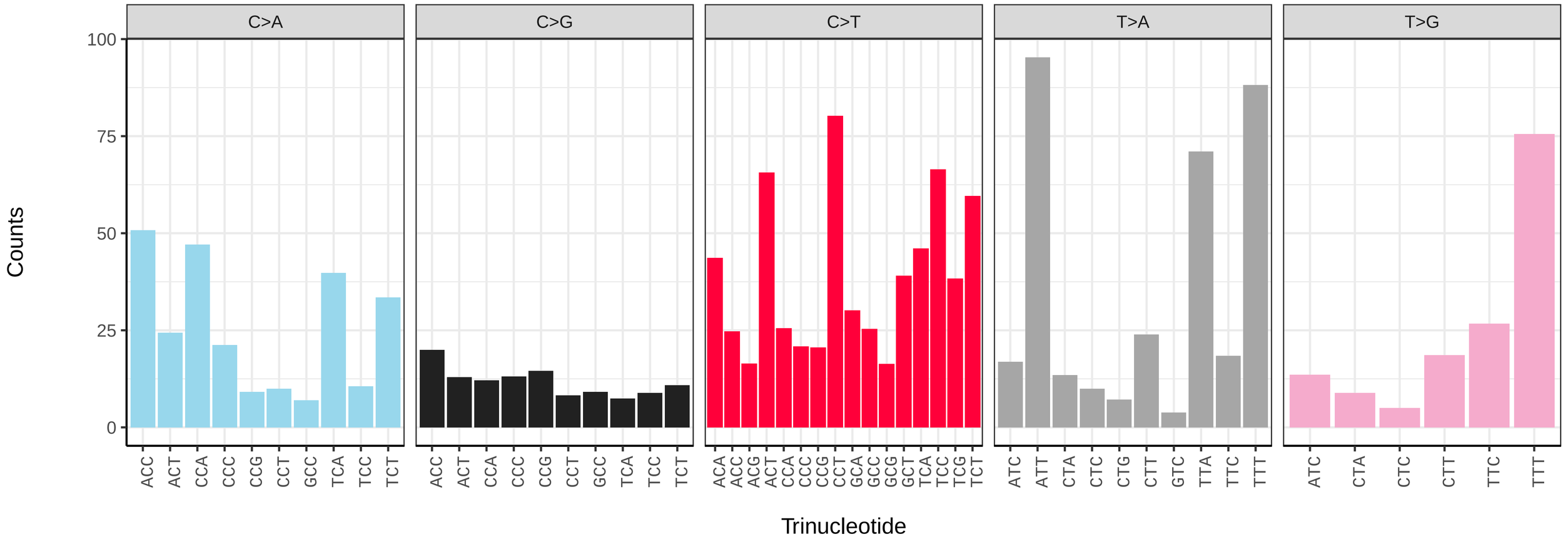
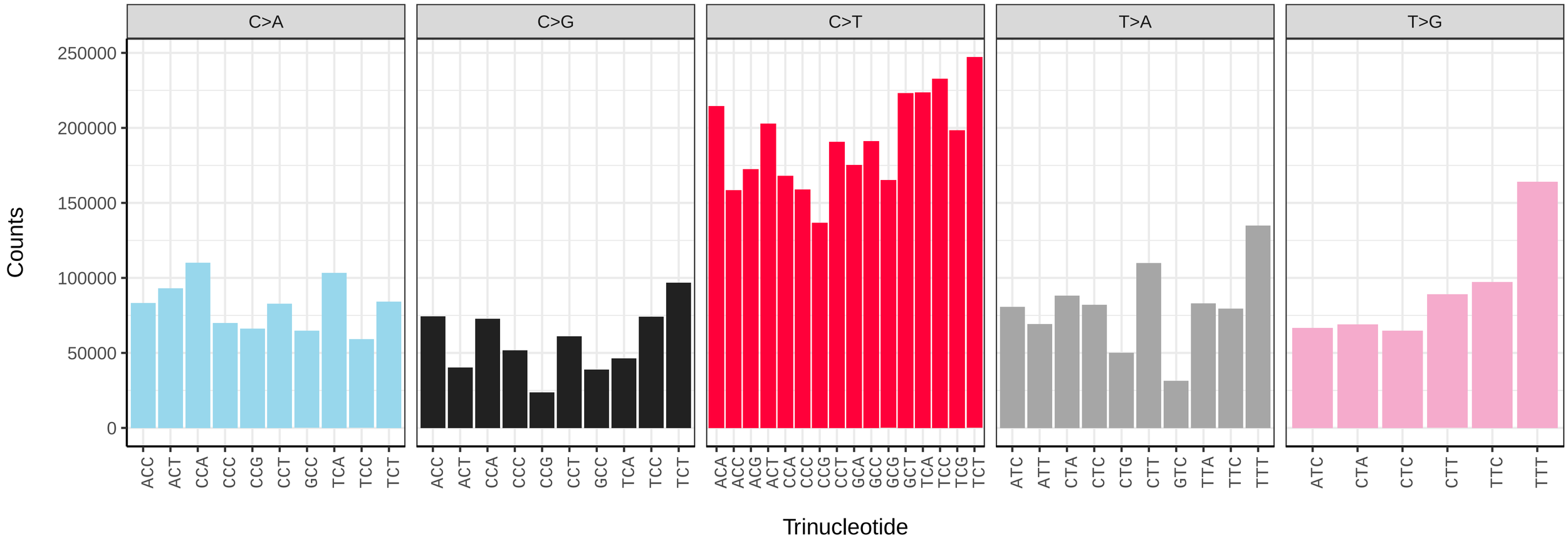
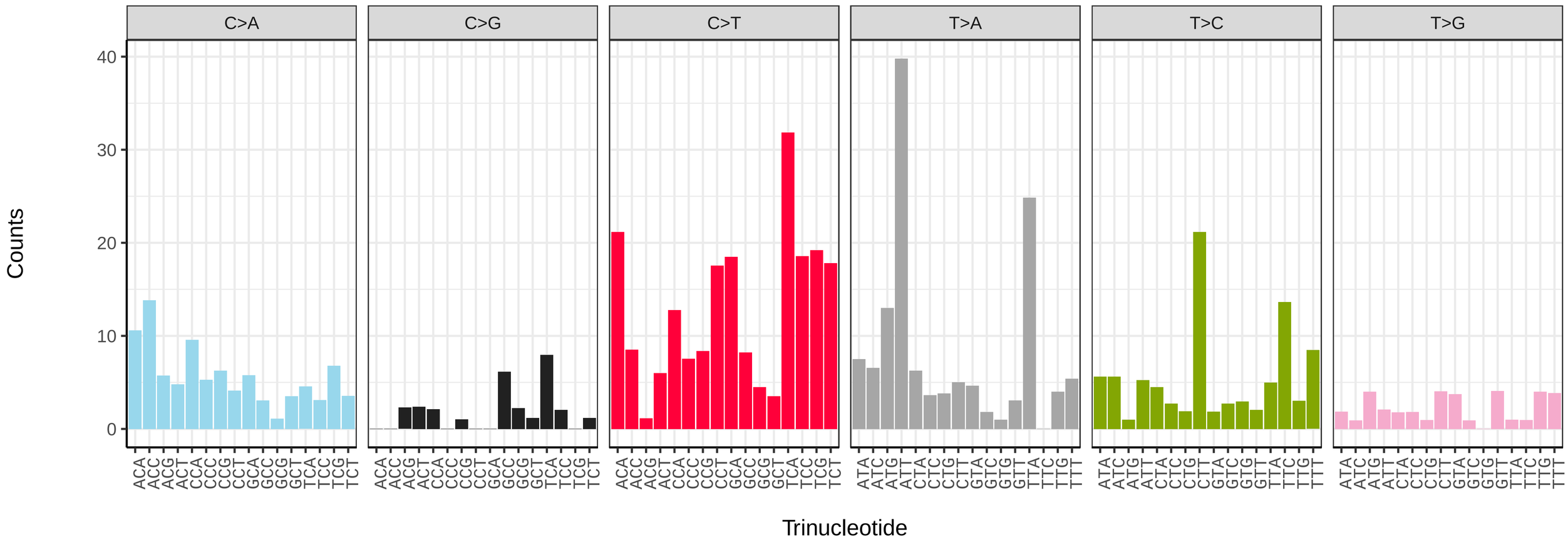


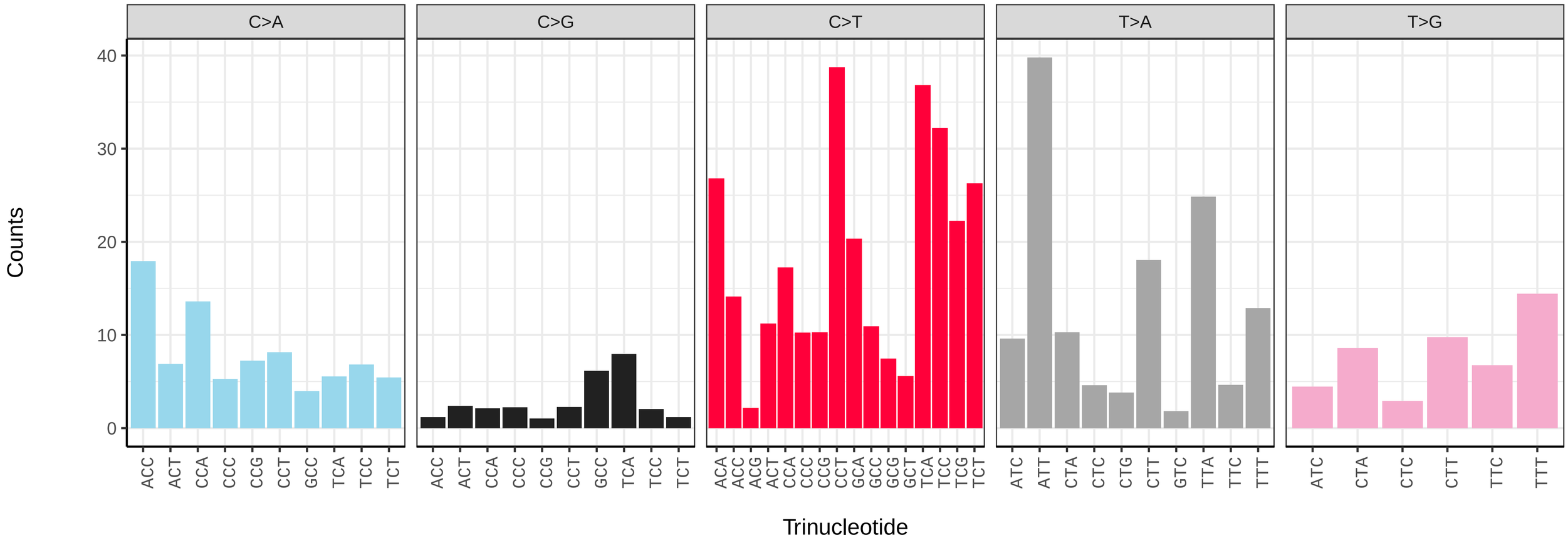
Eristalis arbustorum (idEriArbu1) germline mutational spectrum



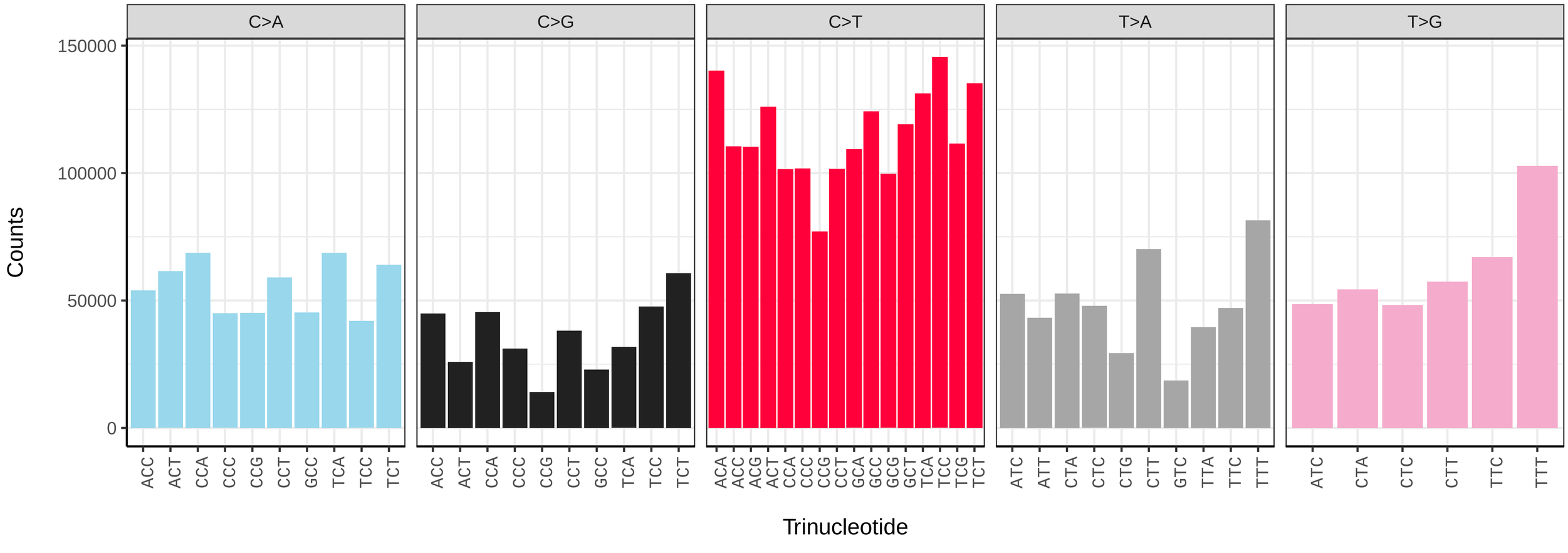
Eristalis arbustorum (idEriArbu1) somatic mutational spectrum (SBS96 classification)



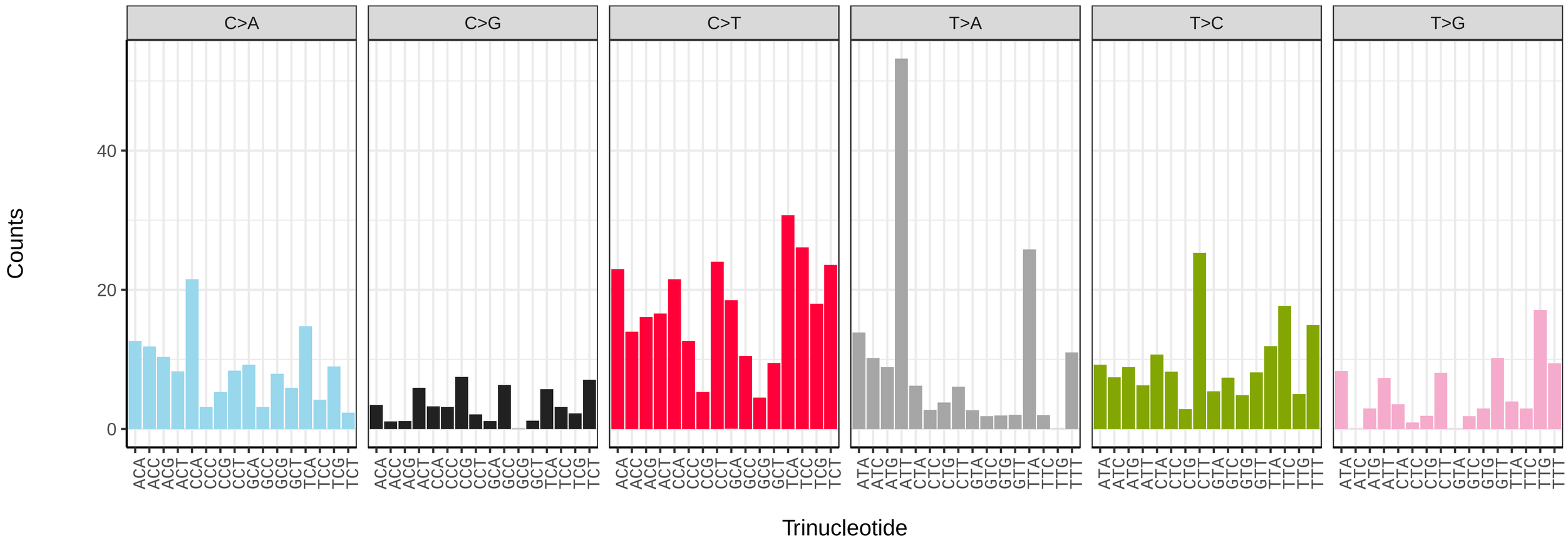
Eristalis arbustorum (idEriArbu1) somatic mutational spectrum (SBS52 classification)



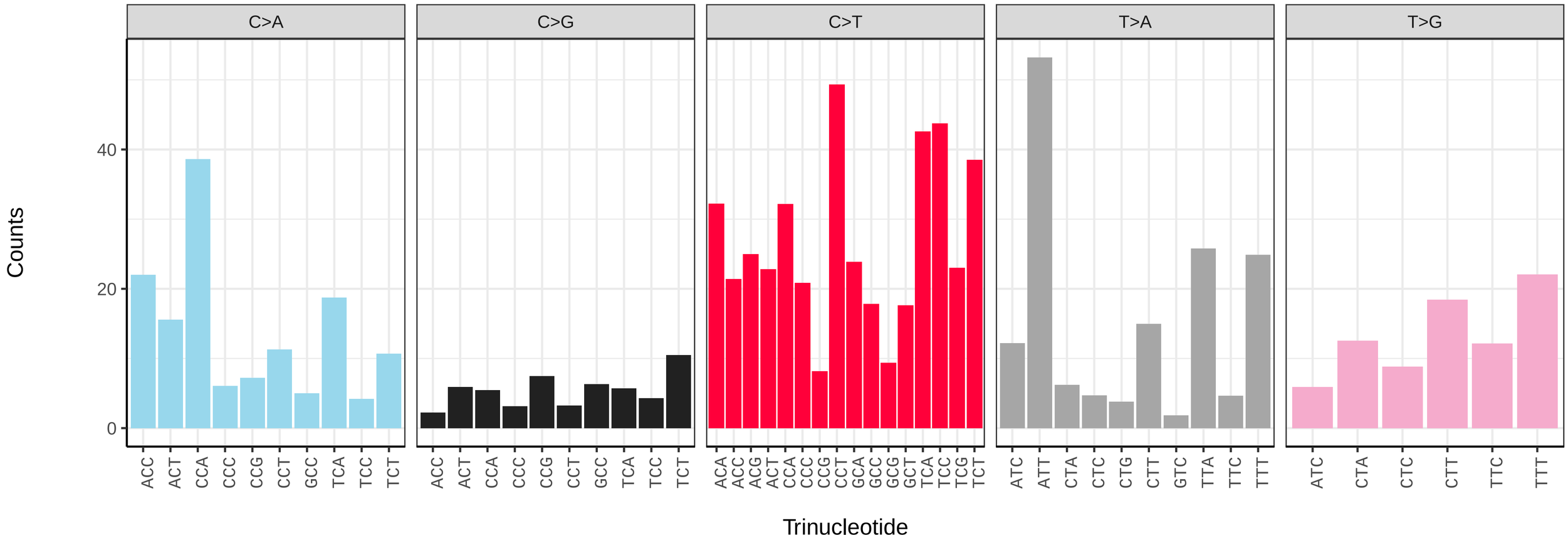
Eristalis pertinax (idEriPert2) germline mutational spectrum



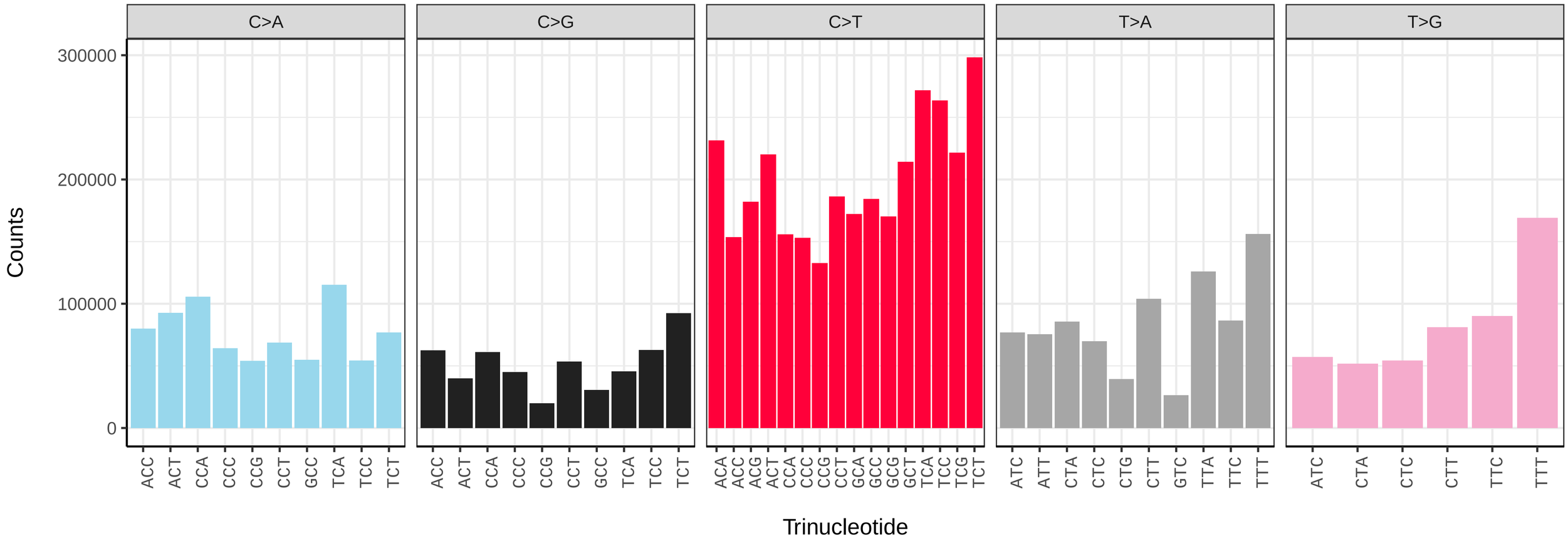
Eristalis pertinax (idEriPert2) somatic mutational spectrum (SBS96 classification)



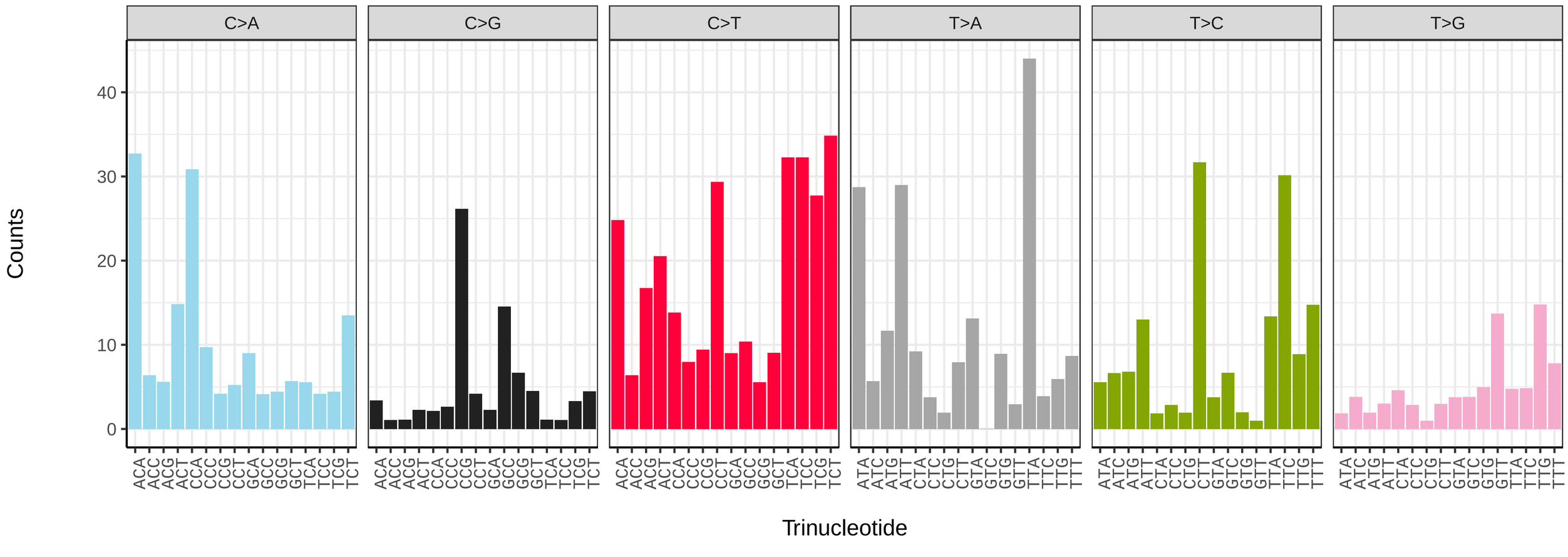
Eristalis pertinax (idEriPert2) somatic mutational spectrum (SBS52 classification)



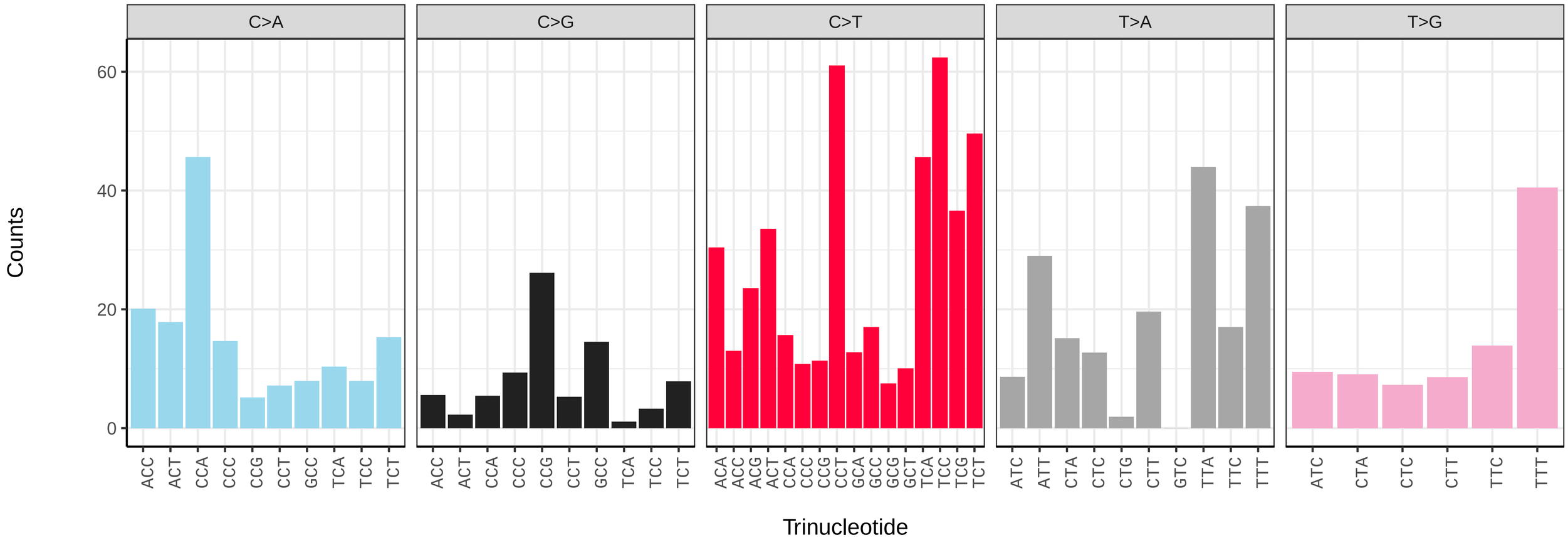
Eristalinus sepulchralis (idEriSepu1) germline mutational spectrum



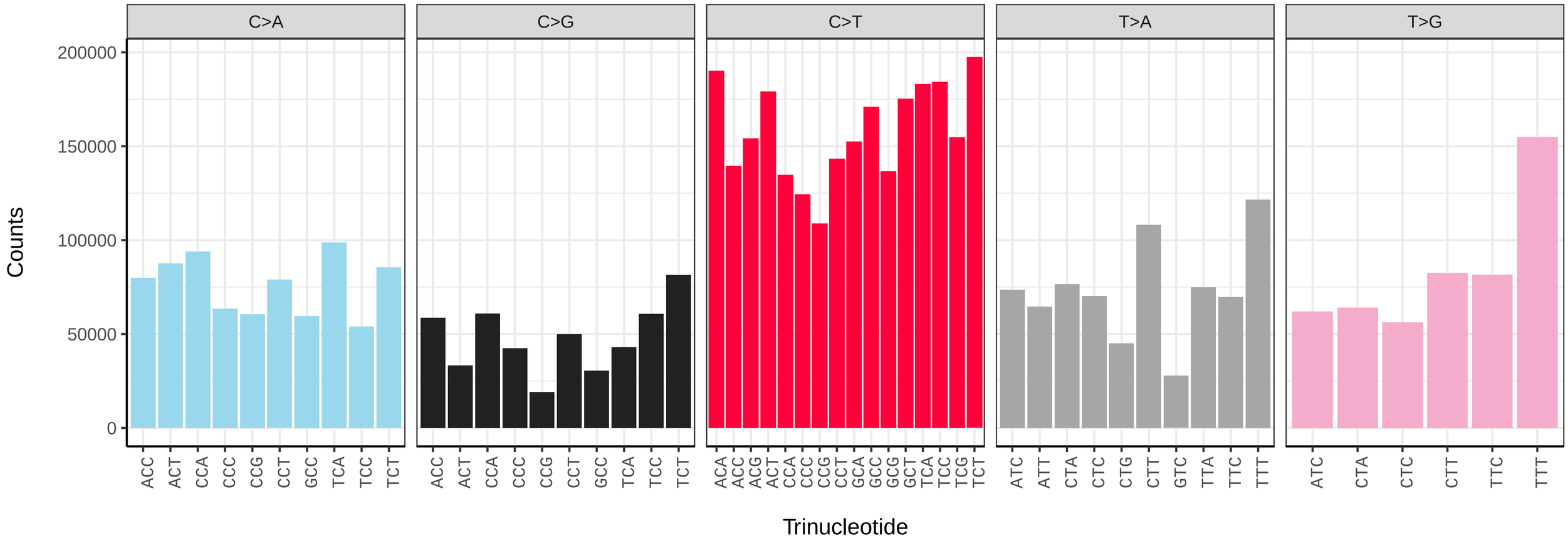
Eristalinus sepulchralis (idEriSepu1) somatic mutational spectrum (SBS96 classification)



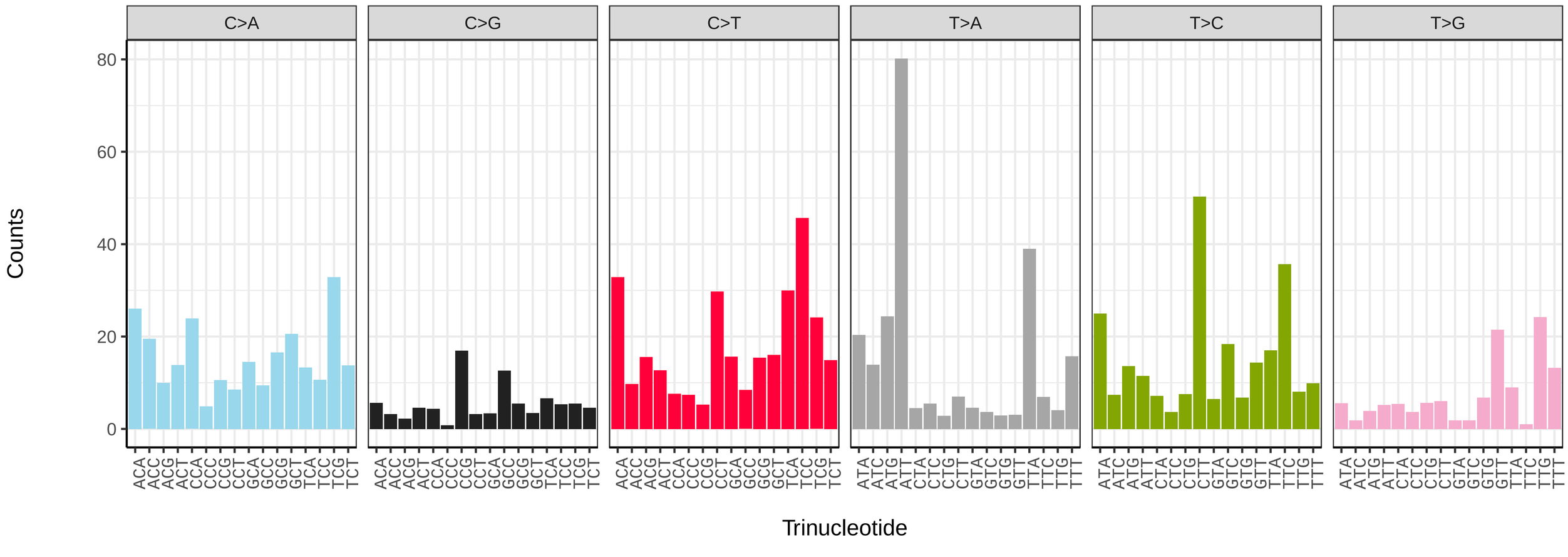
Eristalinus sepulchralis (idEriSepu1) somatic mutational spectrum (SBS52 classification)



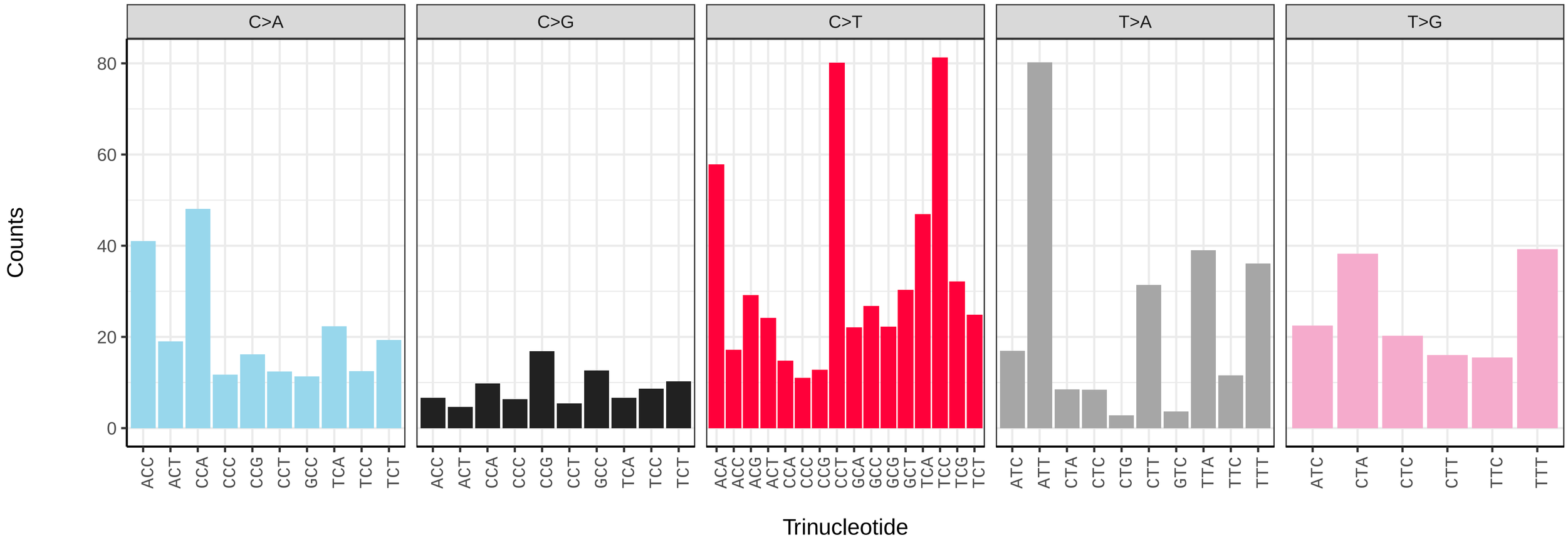
Eristalis tenax (idEriTena2) germline mutational spectrum



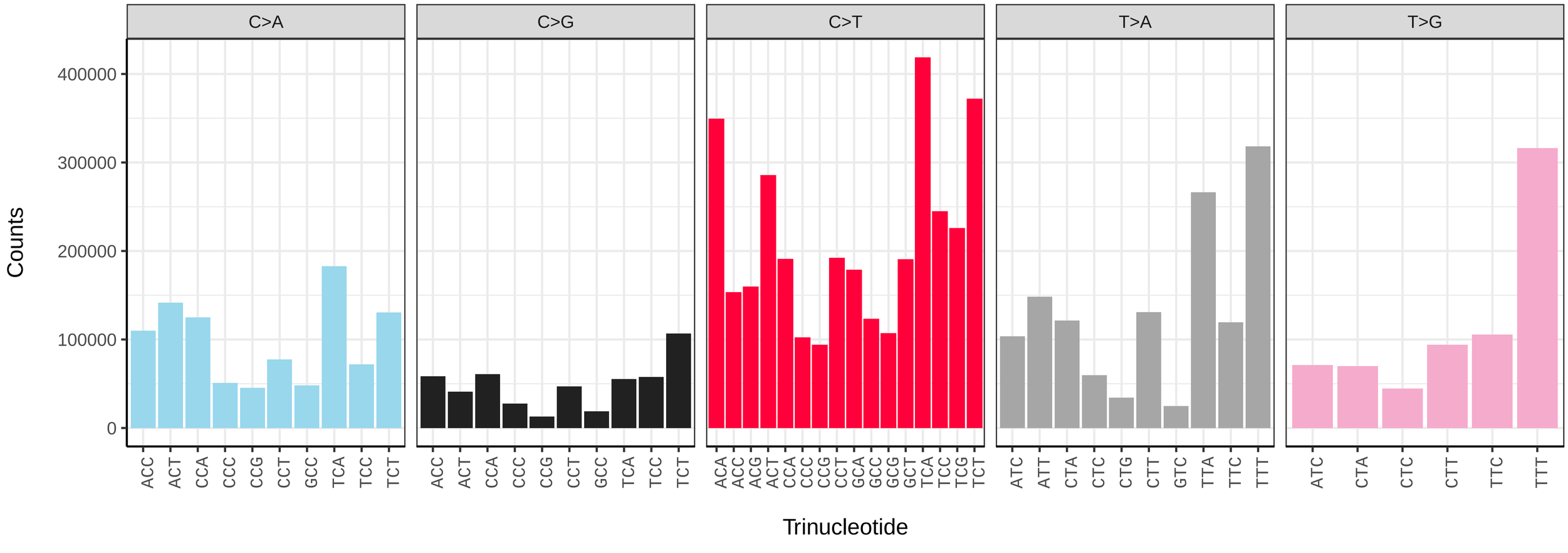
Eristalis tenax (idEriTena2) somatic mutational spectrum (SBS96 classification)



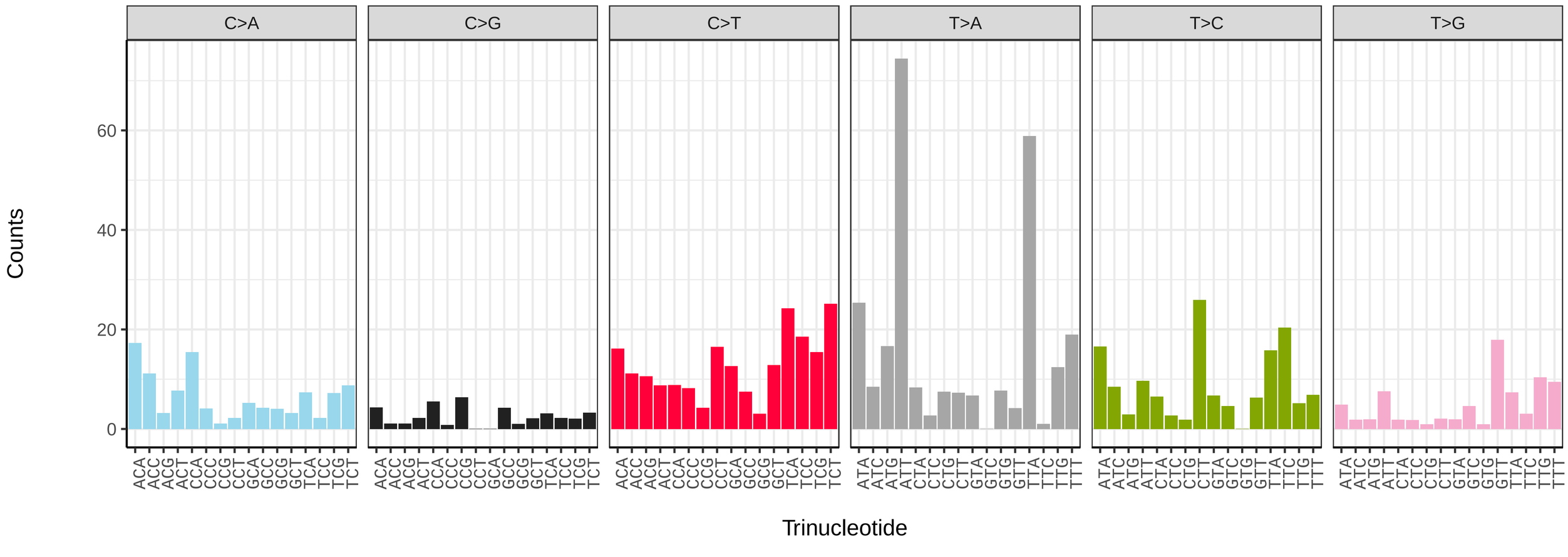
Eristalis tenax (idEriTena2) somatic mutational spectrum (SBS52 classification)



Eupeodes corollae (idEupCoro1) germline mutational spectrum



Eupeodes corollae (idEupCoro1) somatic mutational spectrum (SBS96 classification)



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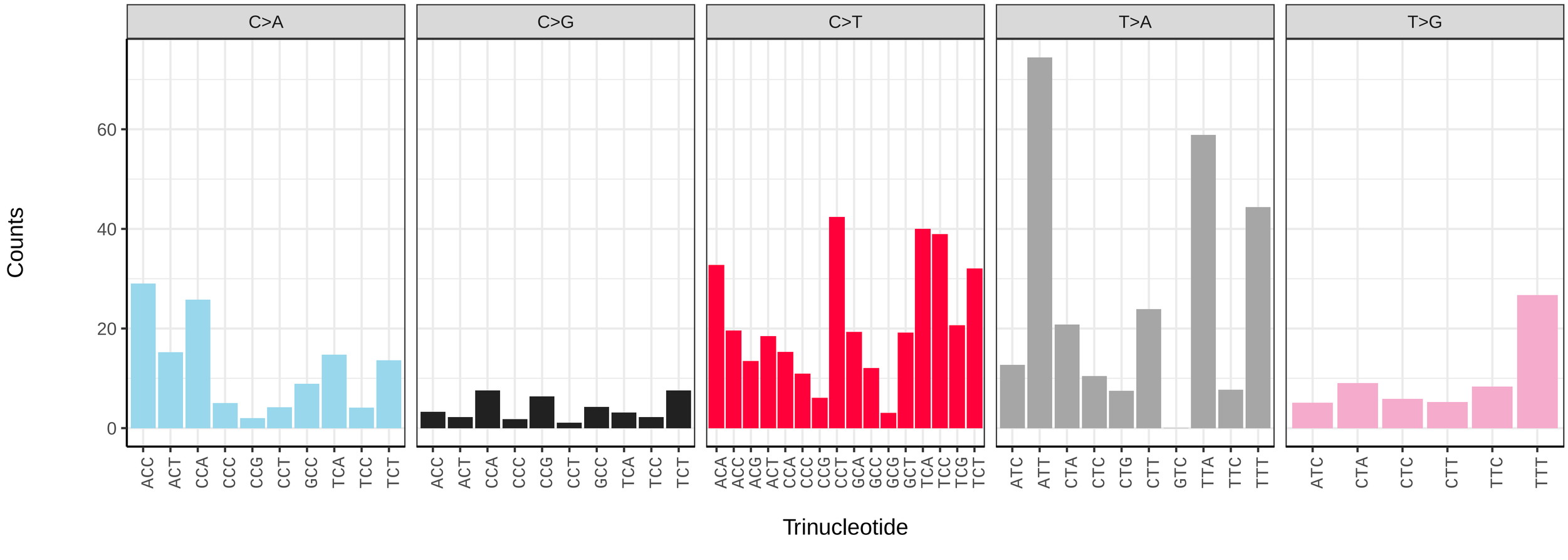
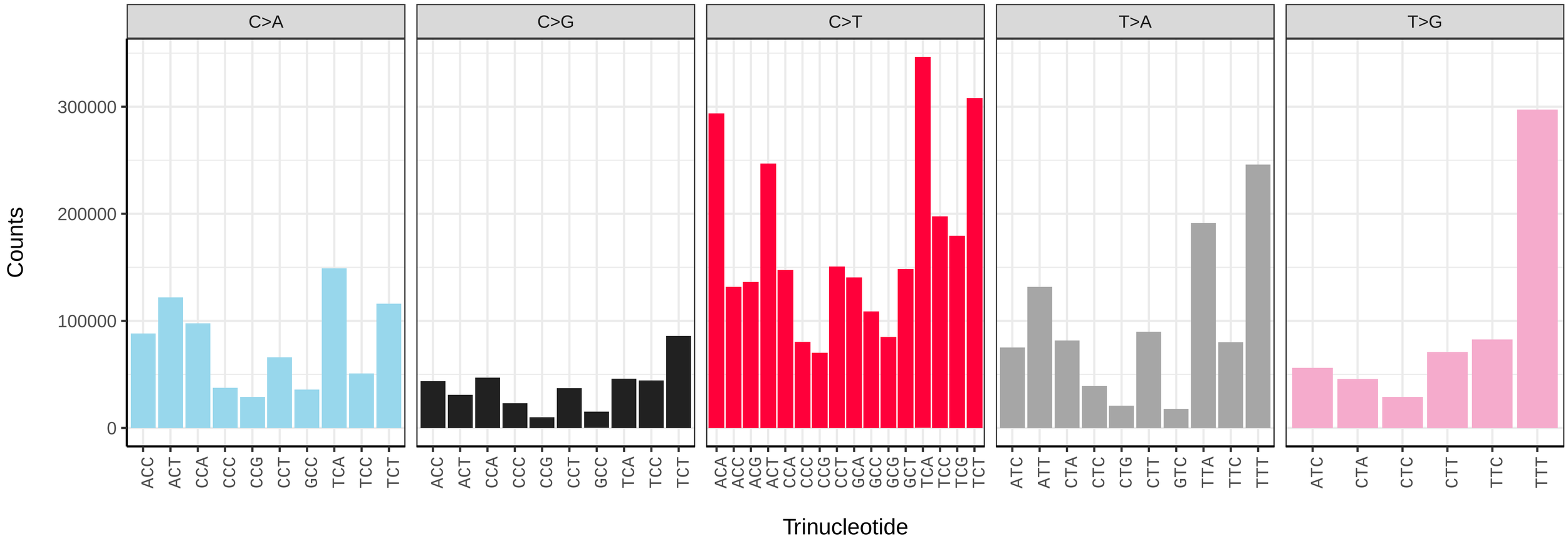
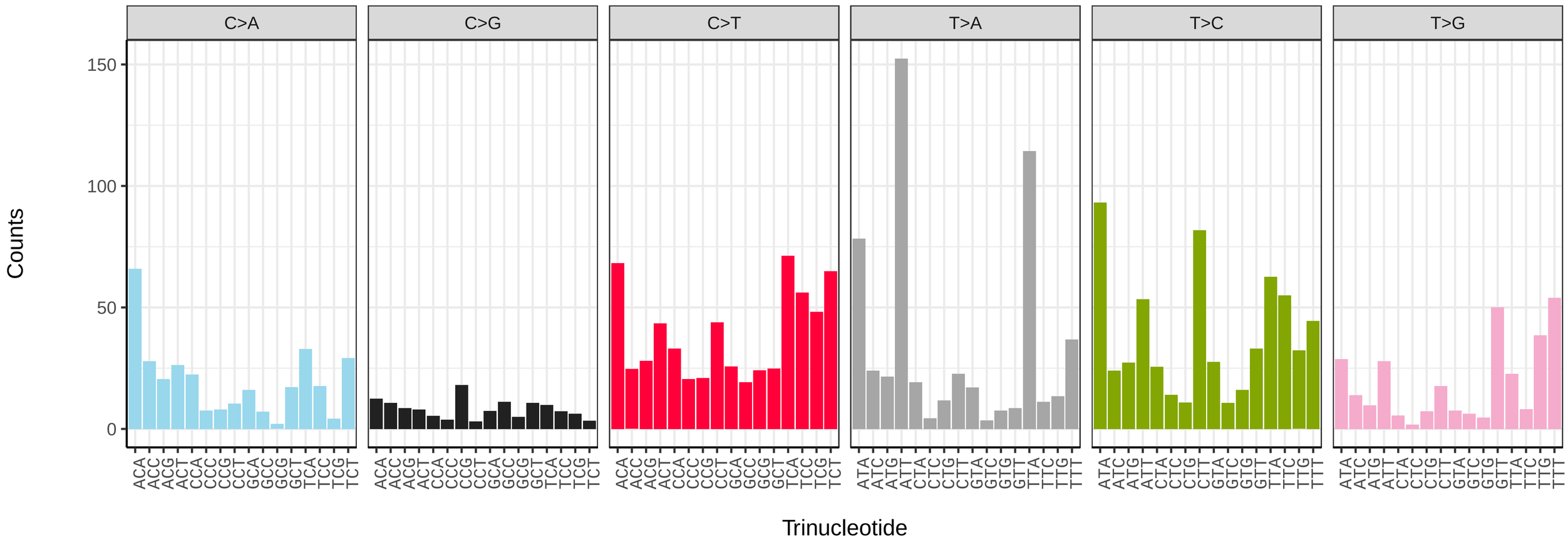


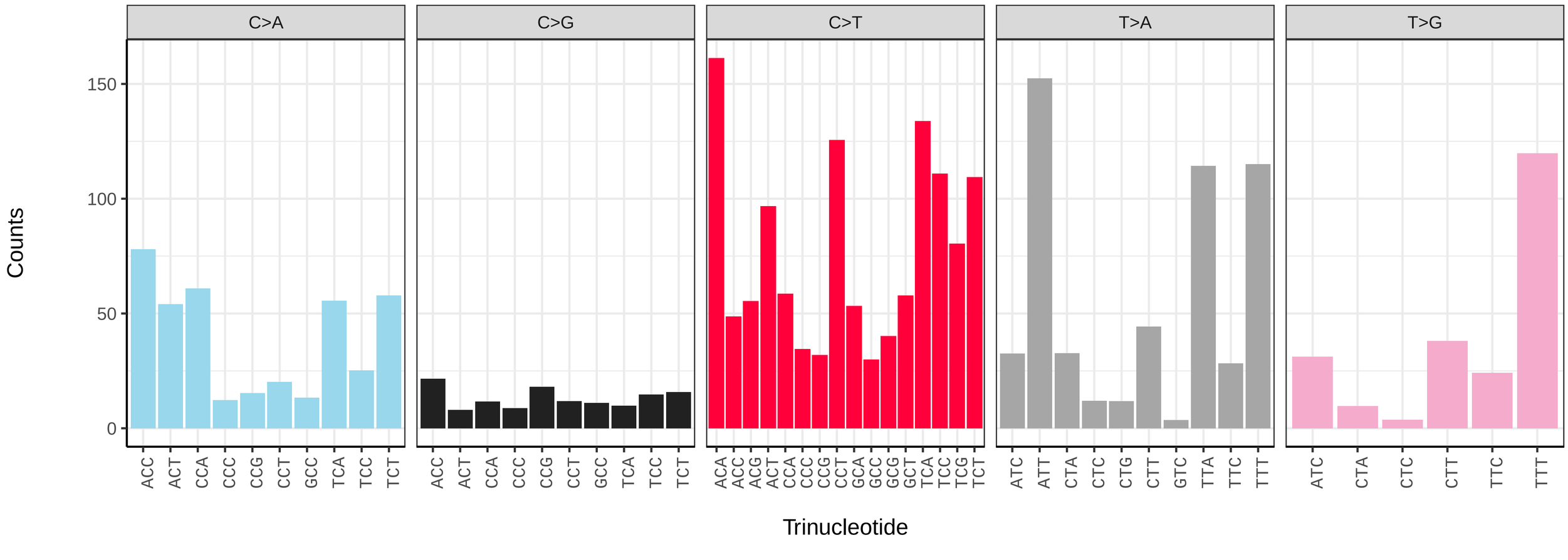
Eupeodes latifasciatus (idEupLati1) germline mutational spectrum



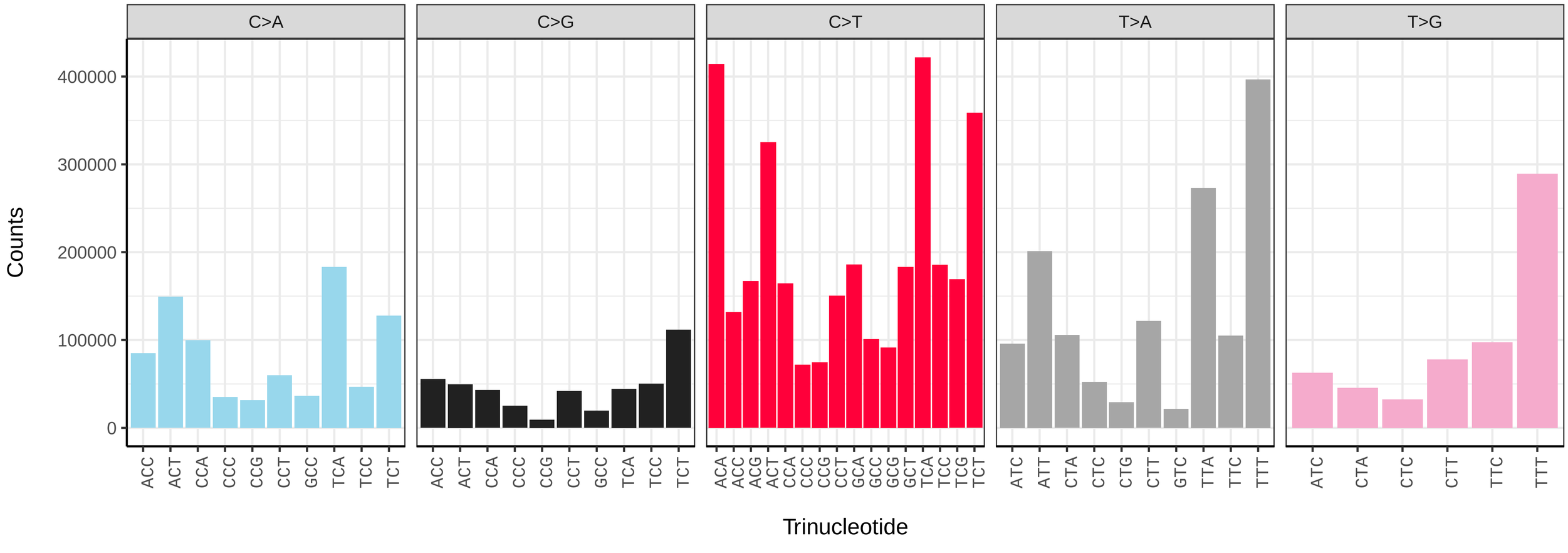
Eupeodes latifasciatus (idEupLati1) somatic mutational spectrum (SBS96 classification)



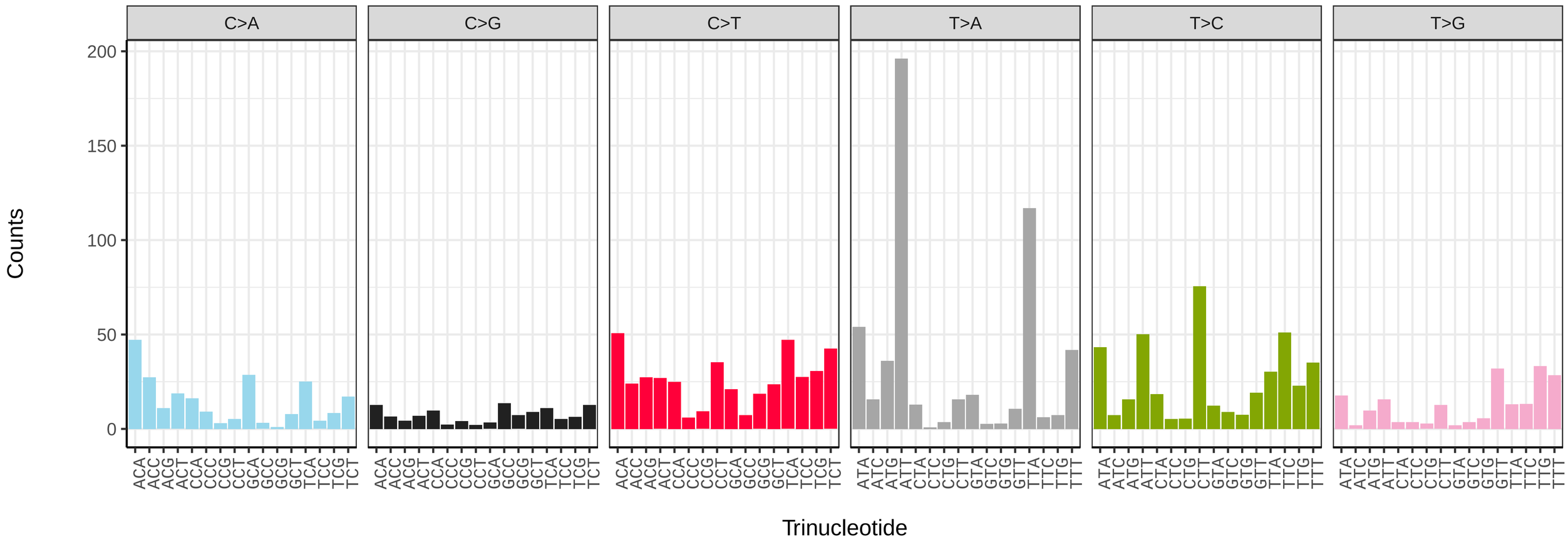
Eupeodes latifasciatus (idEupLati1) somatic mutational spectrum (SBS52 classification)



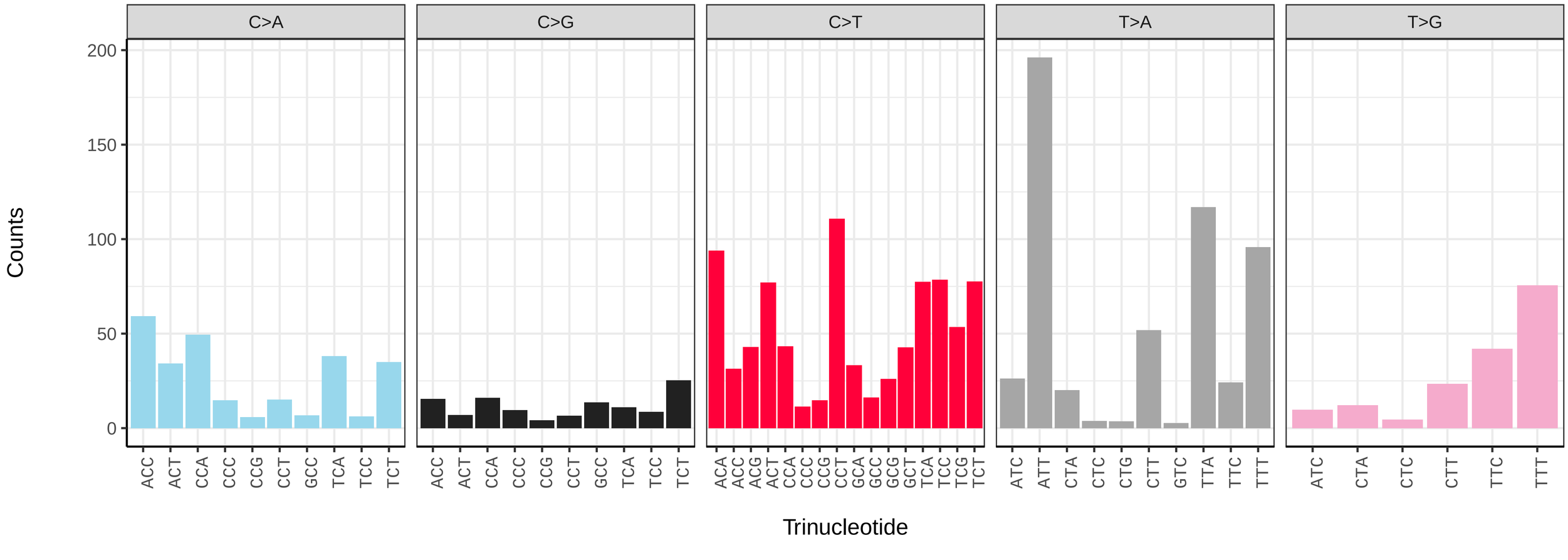
Gymnosoma rotundatum (idGymRotn1) germline mutational spectrum



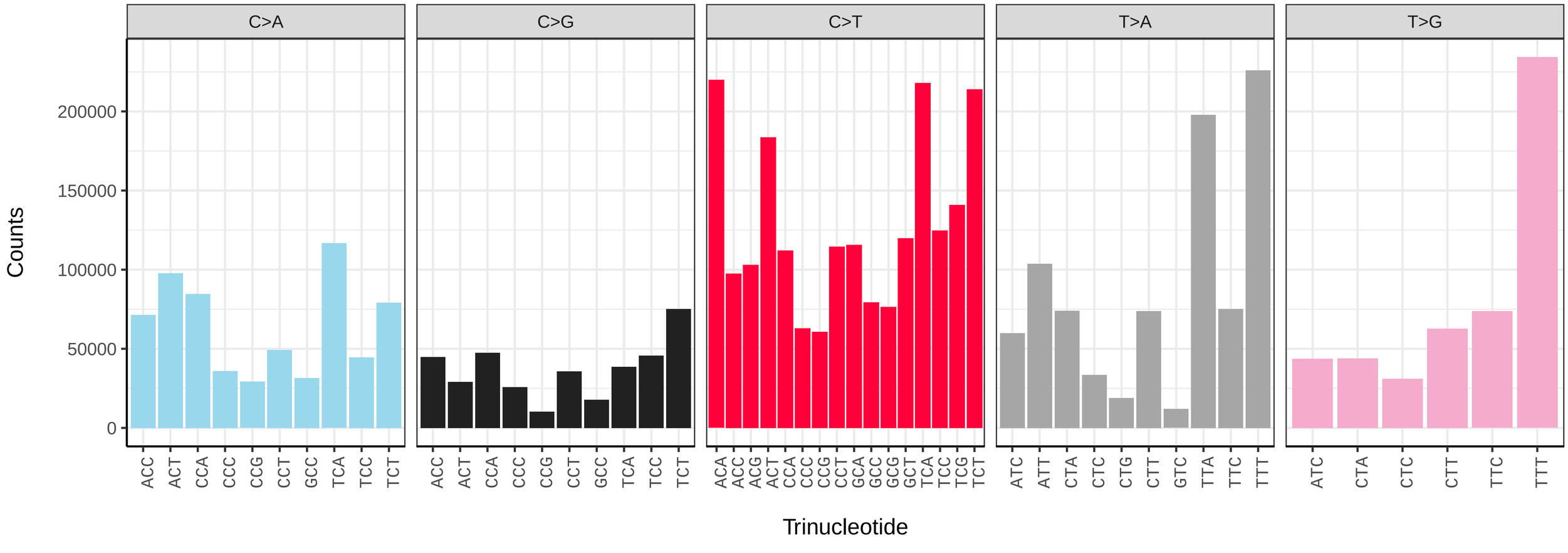
Gymnosoma rotundatum (idGymRotn1) somatic mutational spectrum (SBS96 classification)



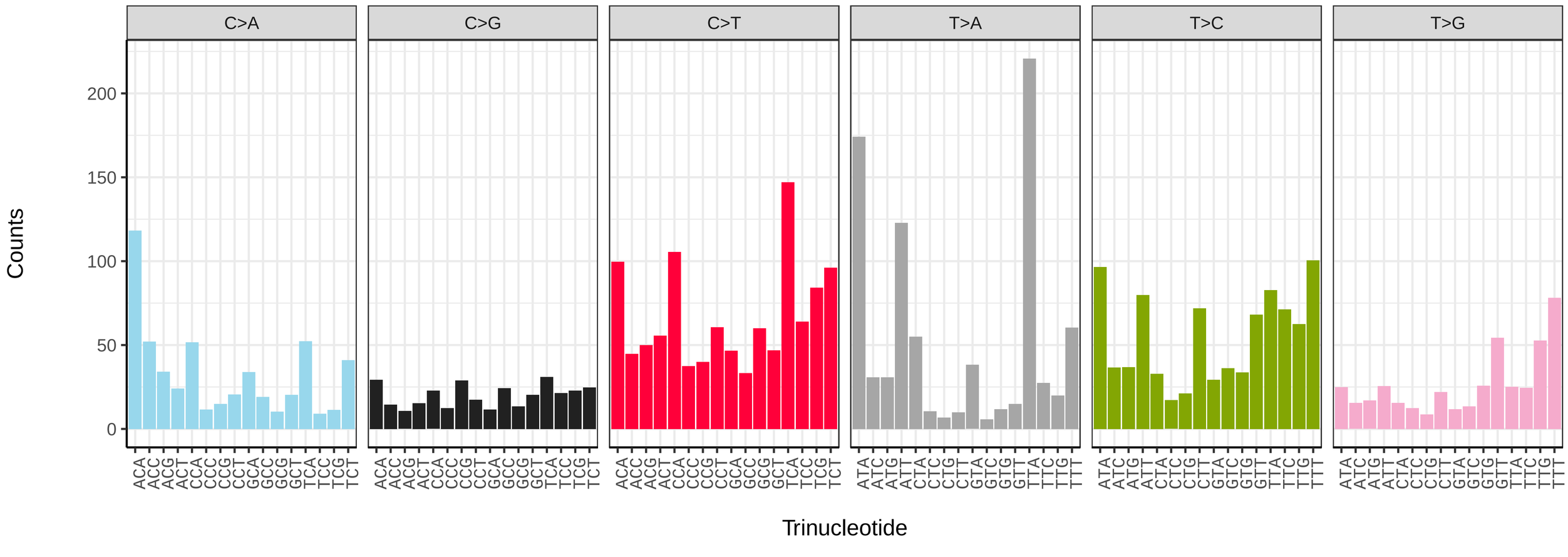
Gymnosoma rotundatum (idGymRotn1) somatic mutational spectrum (SBS52 classification)



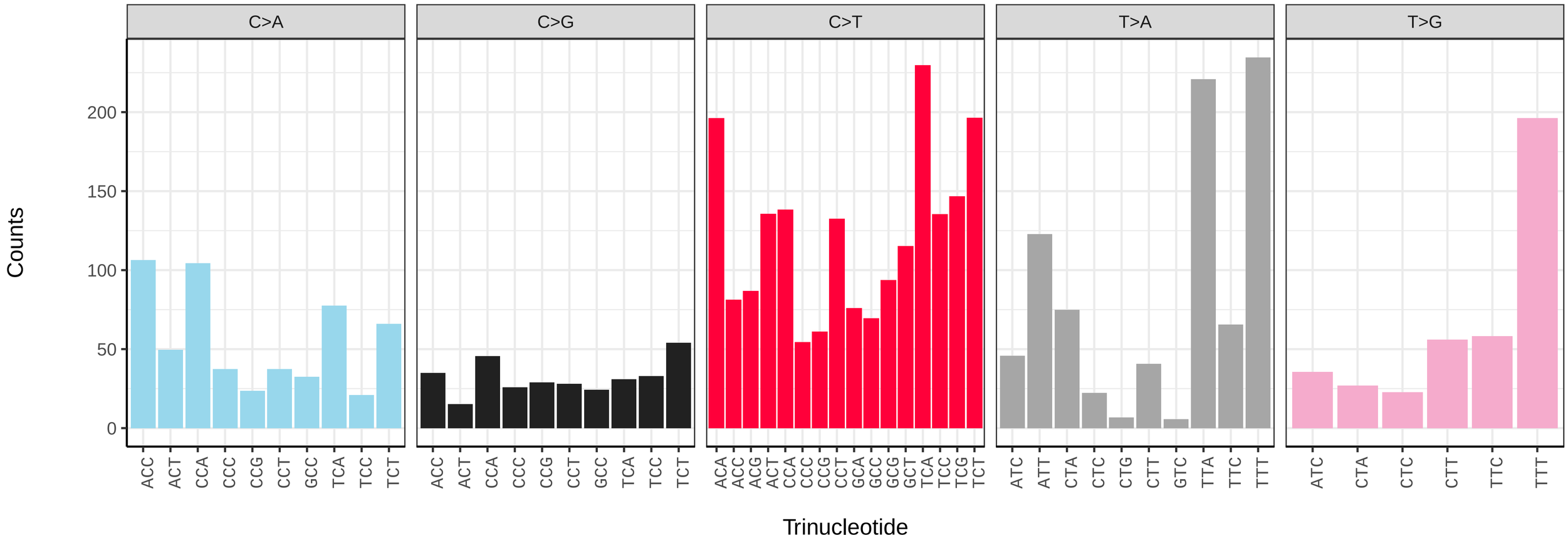
Leucozona laternaria (idLeuLate1) germline mutational spectrum



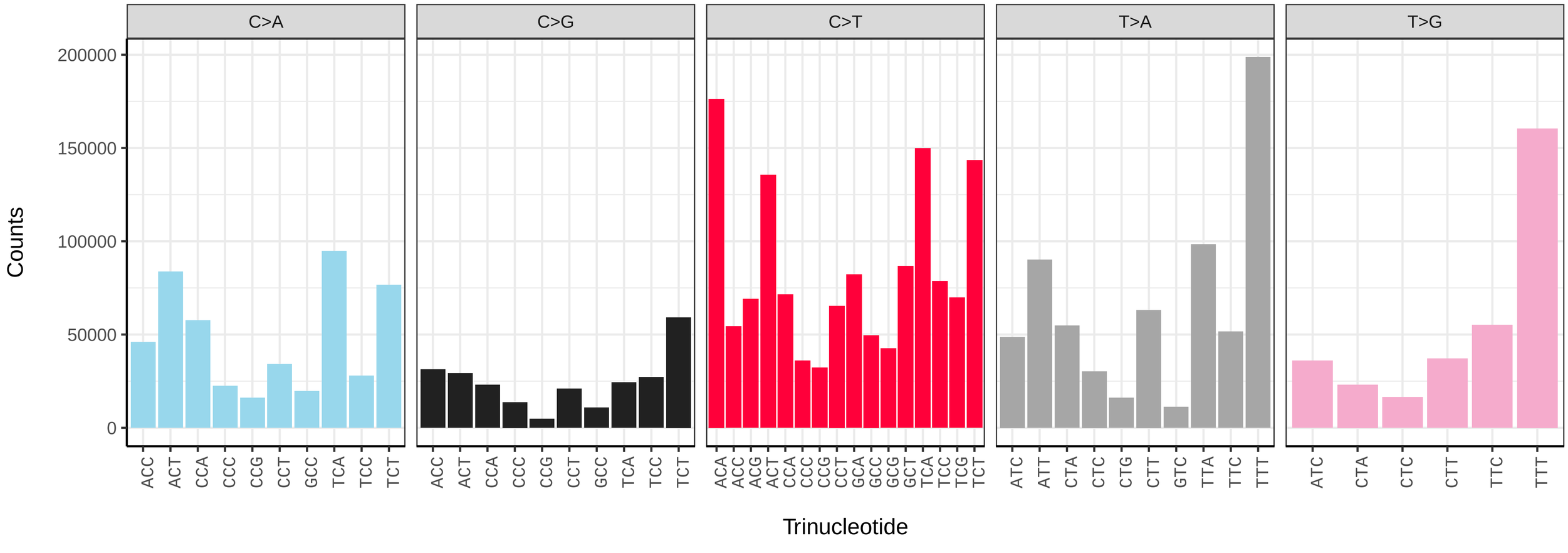
Leucozona laternaria (idLeuLate1) somatic mutational spectrum (SBS96 classification)



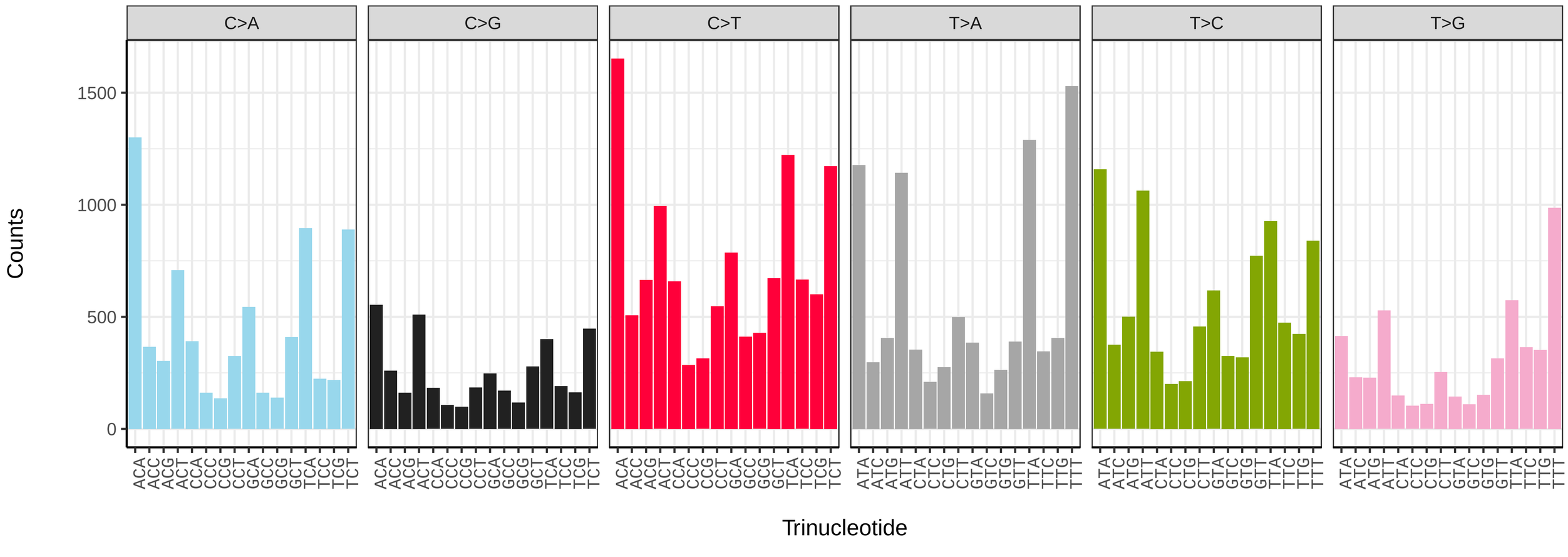
Leucozona laternaria (idLeuLate1) somatic mutational spectrum (SBS52 classification)



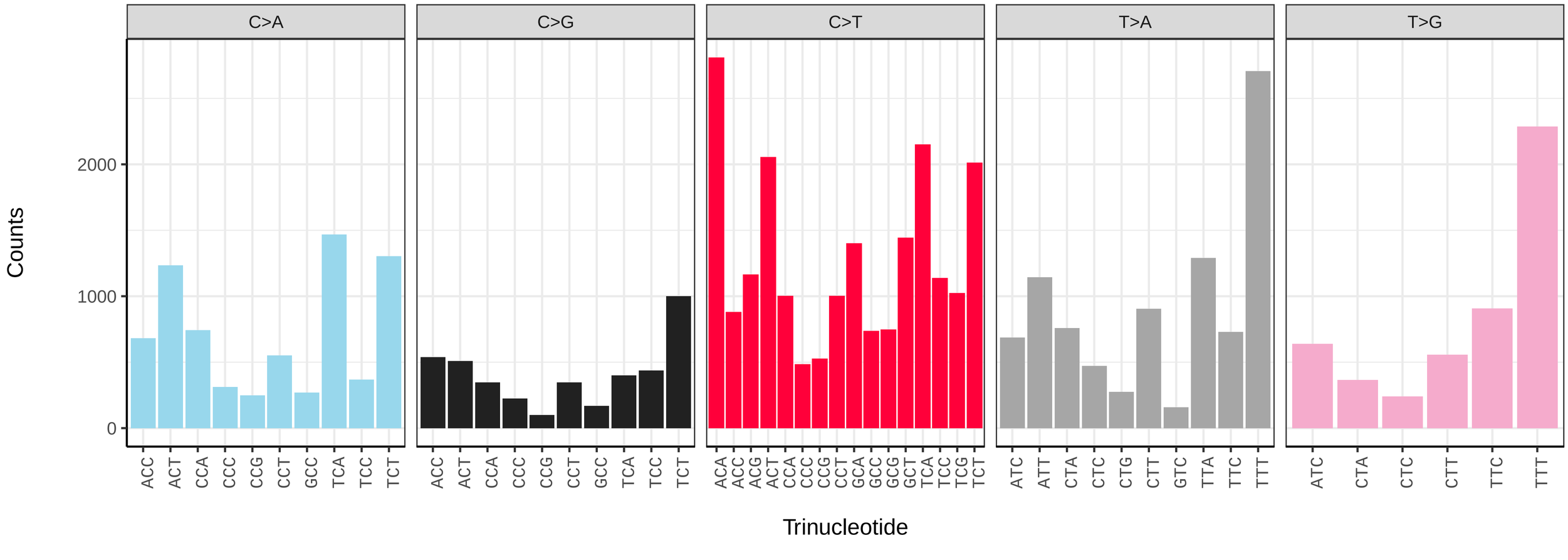
Lypha dubia (idLypDubi1) germline mutational spectrum



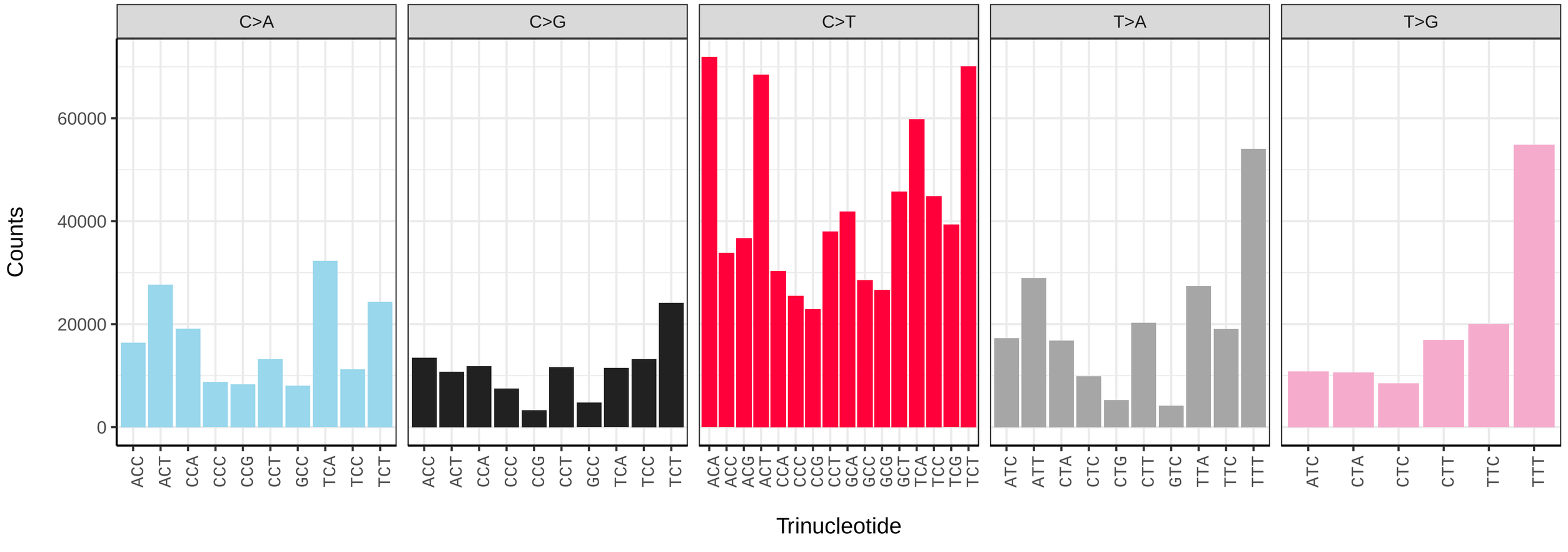
Lypha dubia (idLypDubi1) somatic mutational spectrum (SBS96 classification)



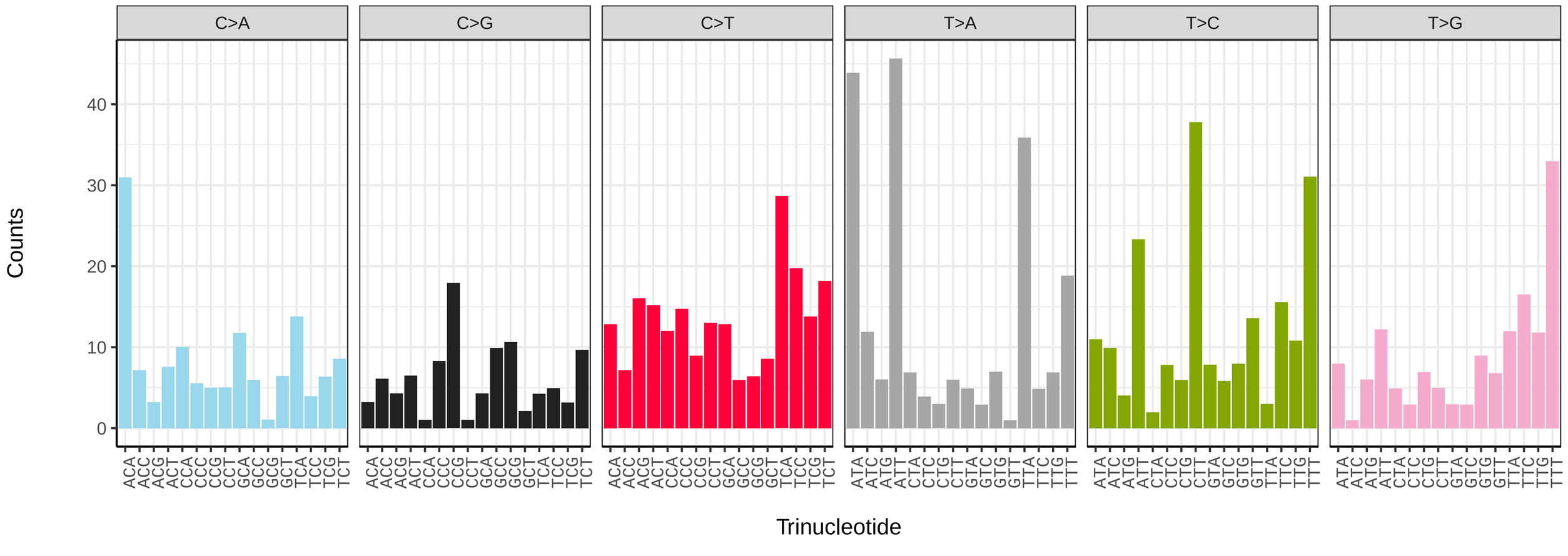
Lypha dubia (idLypDubi1) somatic mutational spectrum (SBS52 classification)



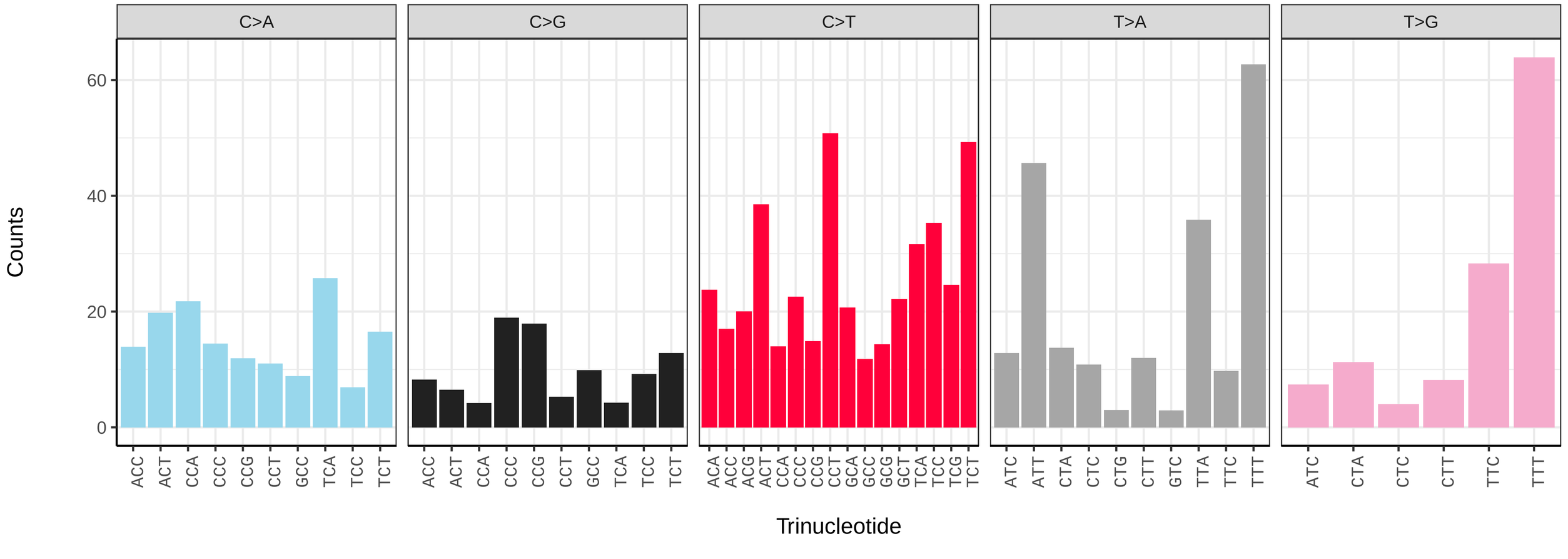
Machimus atricapillus (idMacAtri3) germline mutational spectrum



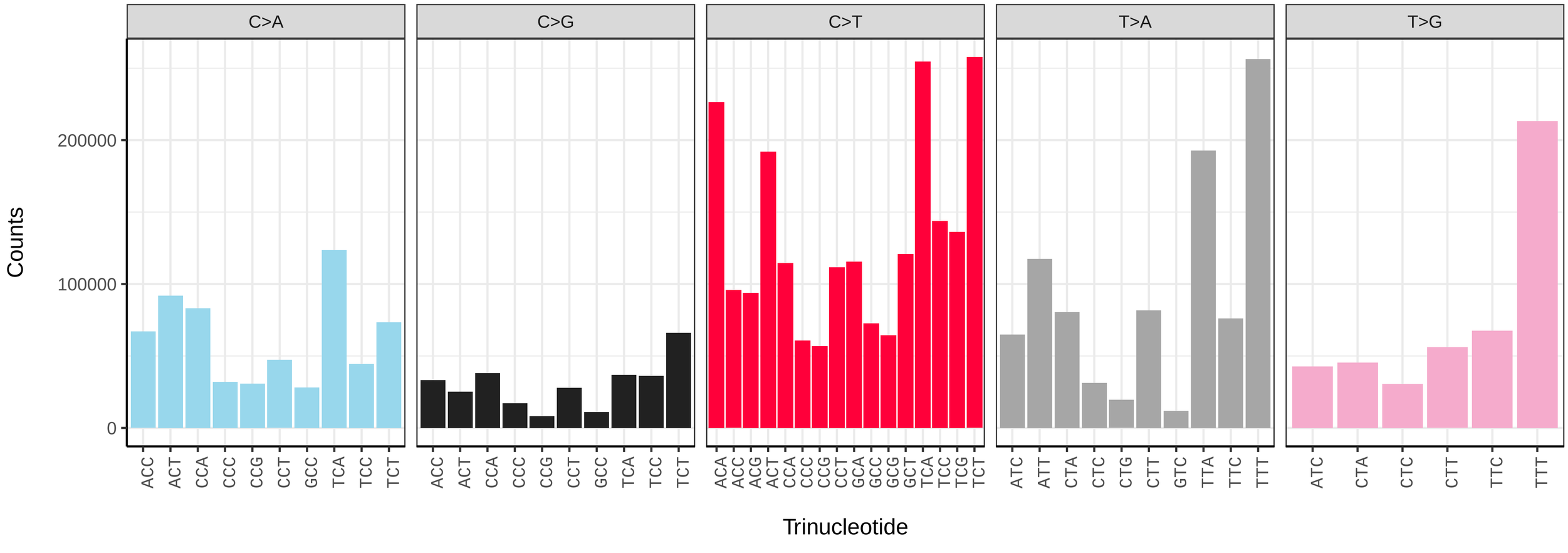
Machimus atricapillus (idMacAtri3) somatic mutational spectrum (SBS96 classification)



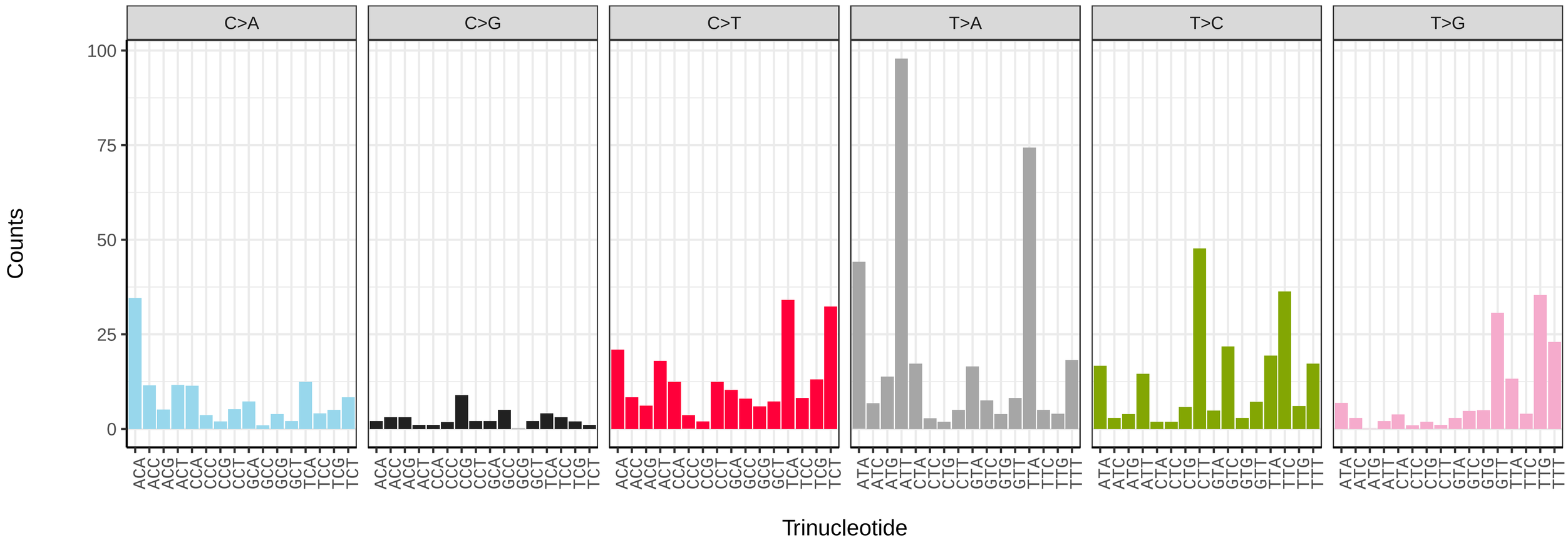
Machimus atricapillus (idMacAtri3) somatic mutational spectrum (SBS52 classification)



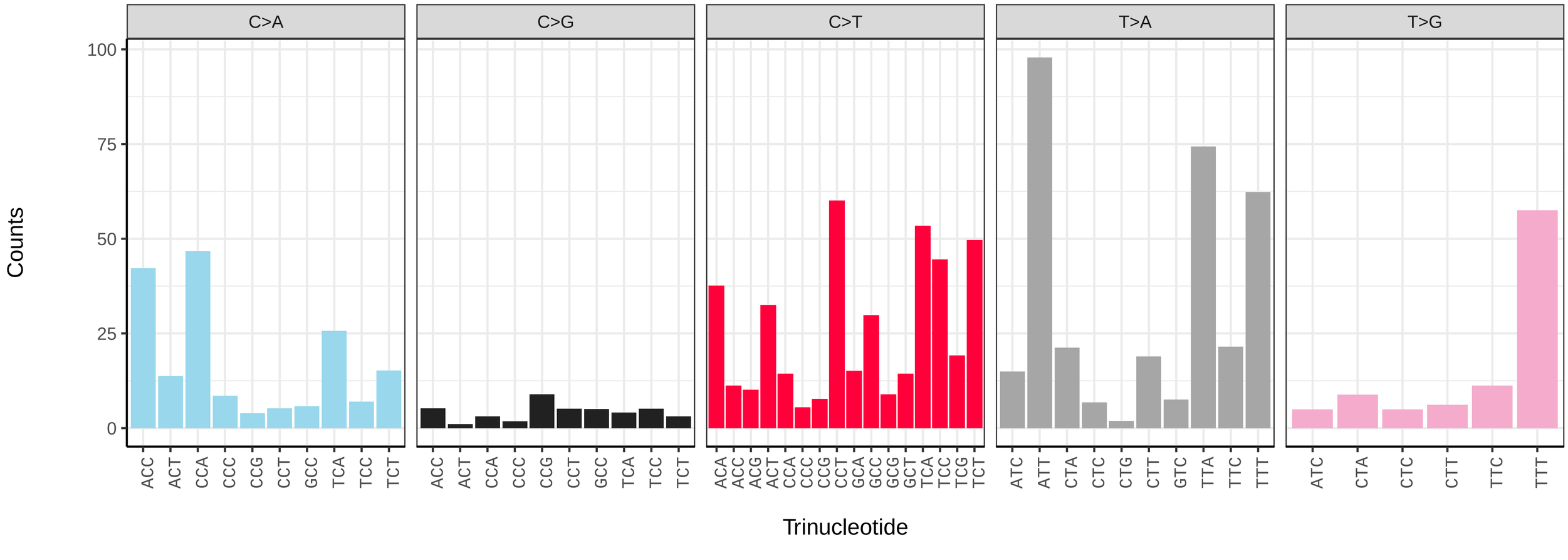
Meliscaeva auricollis (idMelAuri2) germline mutational spectrum



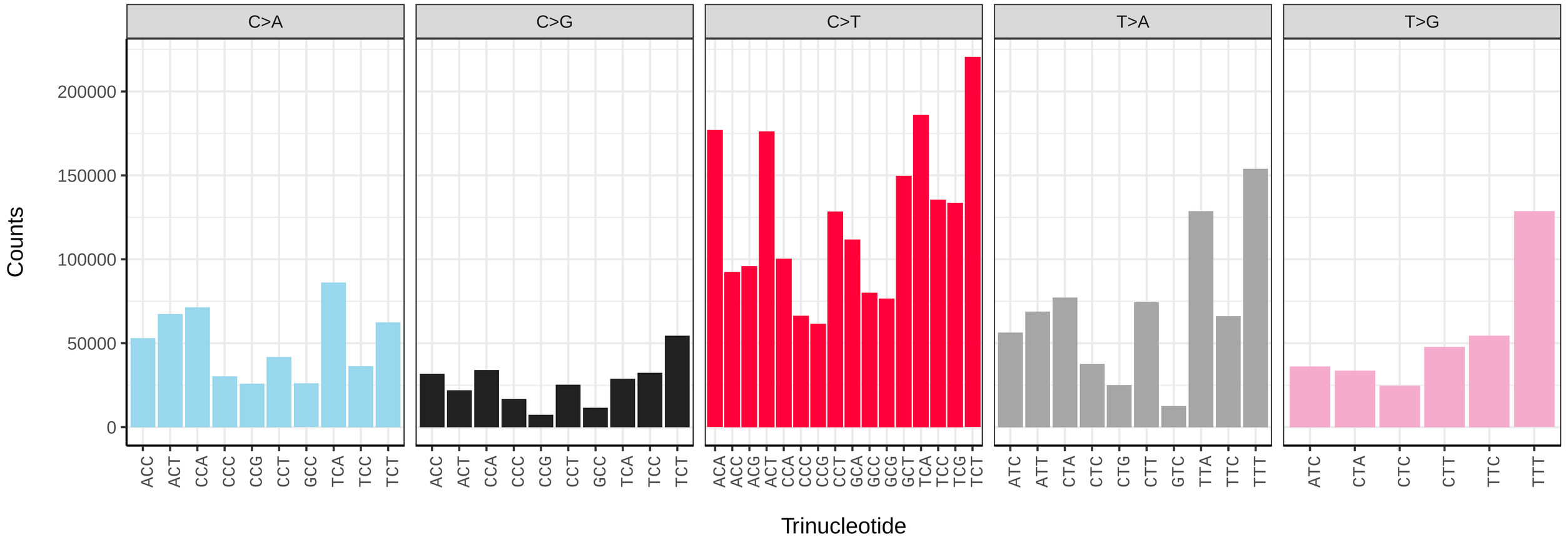
Meliscaeva auricollis (idMelAuri2) somatic mutational spectrum (SBS96 classification)



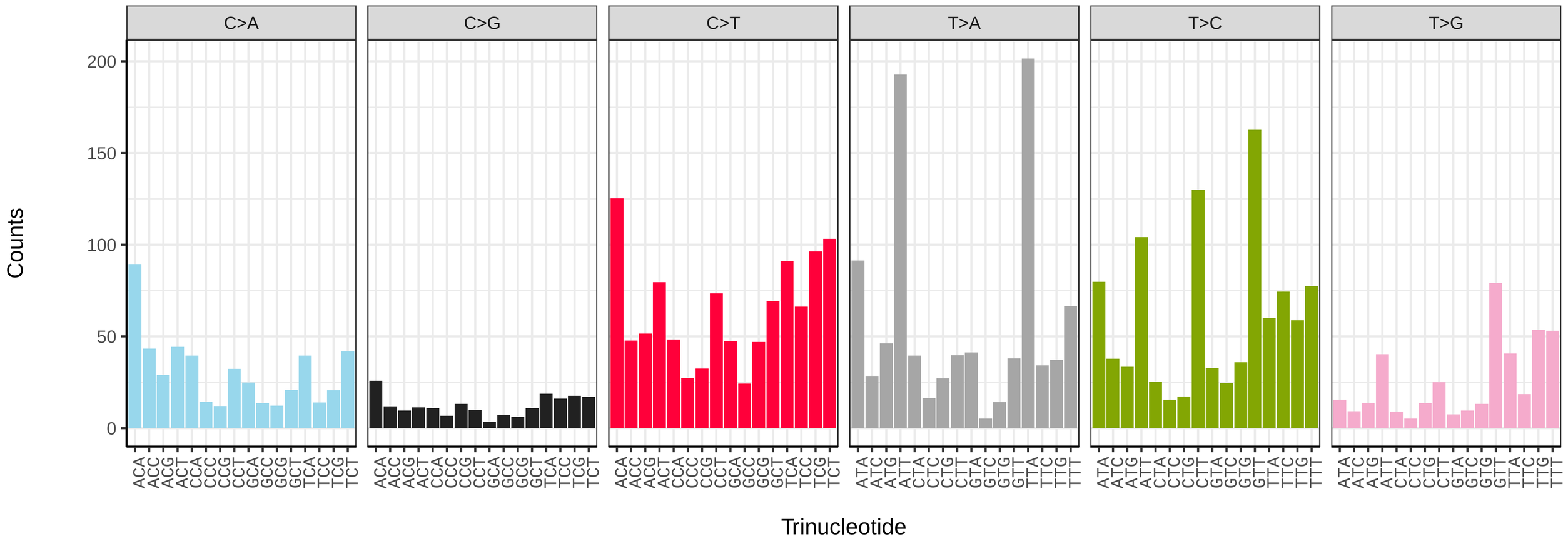
Meliscaeva auricollis (idMelAuri2) somatic mutational spectrum (SBS52 classification)



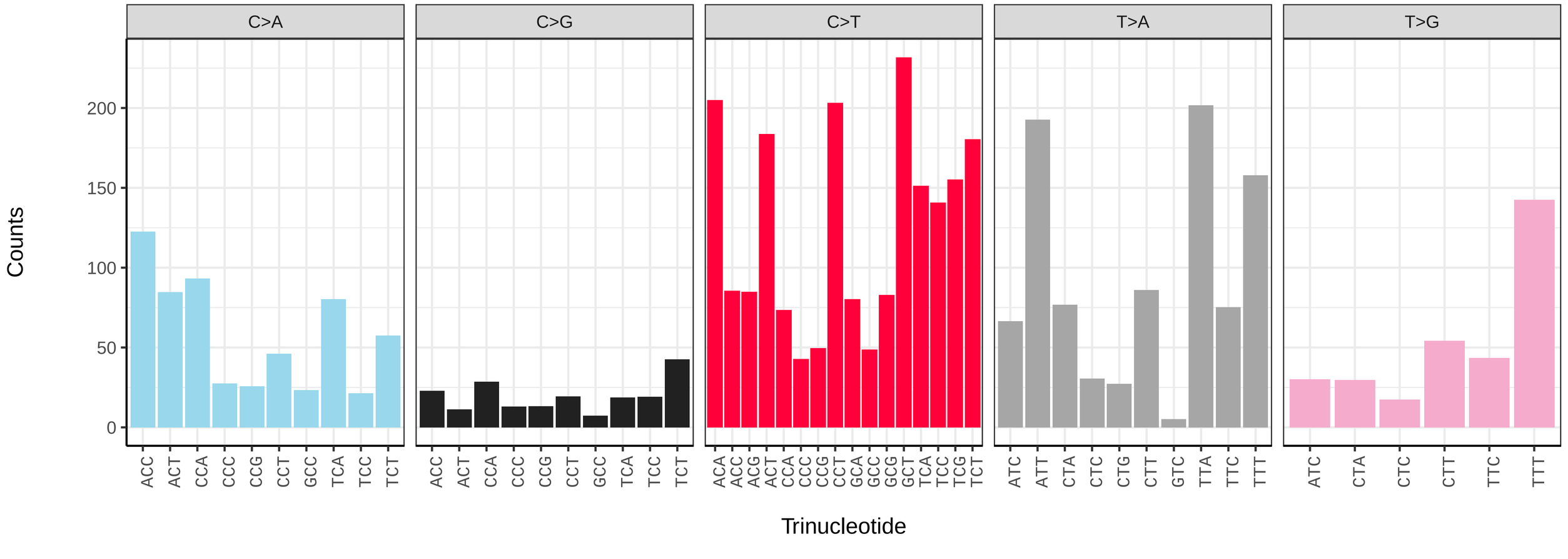
Melanostoma mellinum (idMelMell2) germline mutational spectrum



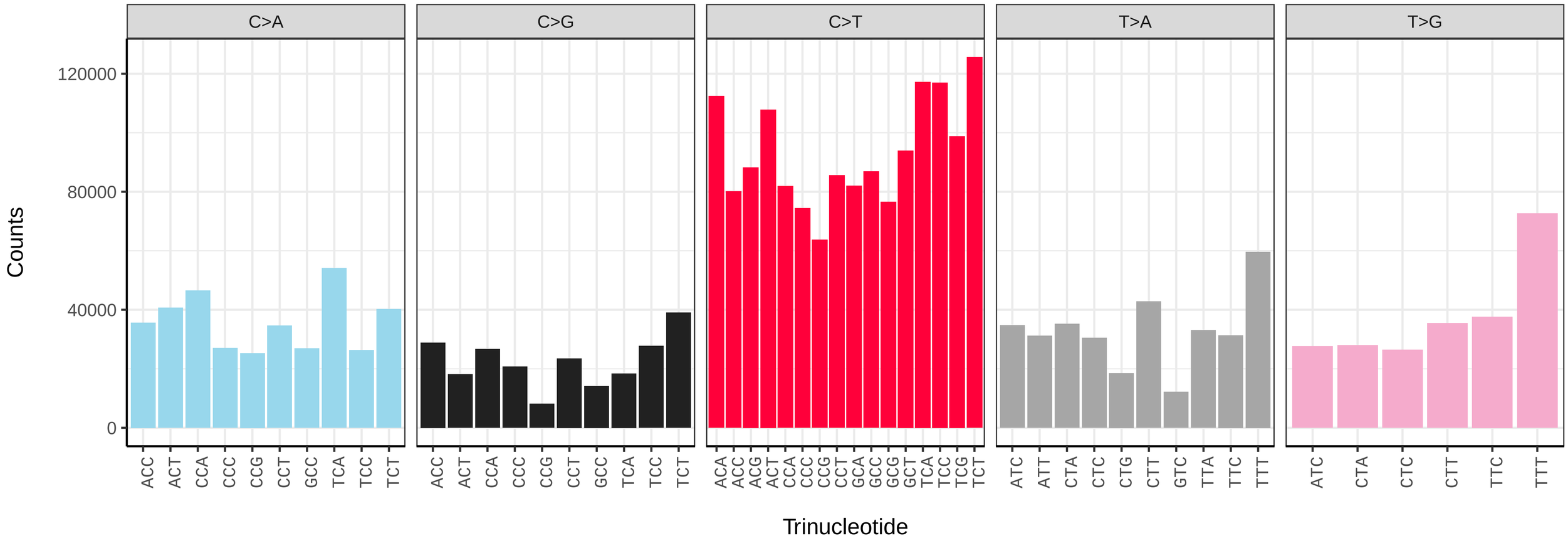
Melanostoma mellinum (idMelMell2) somatic mutational spectrum (SBS96 classification)



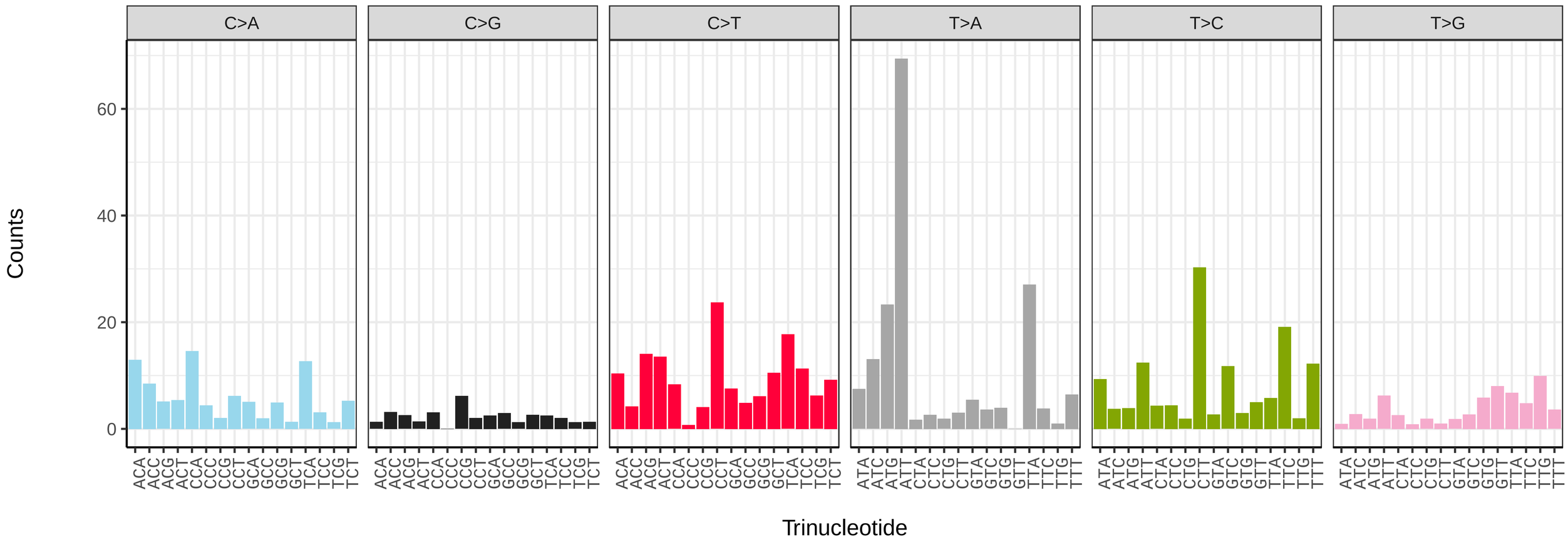
Melanostoma mellinum (idMelMell2) somatic mutational spectrum (SBS52 classification)



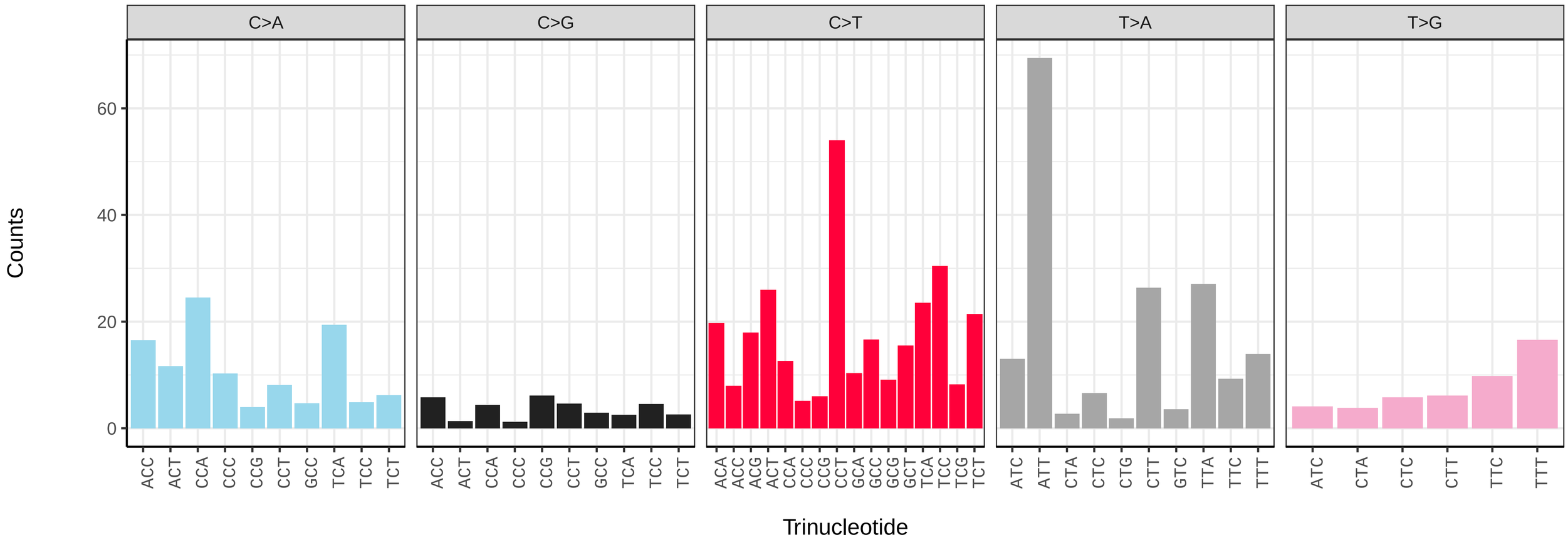
Myathropa florea (idMyaFlor2) germline mutational spectrum



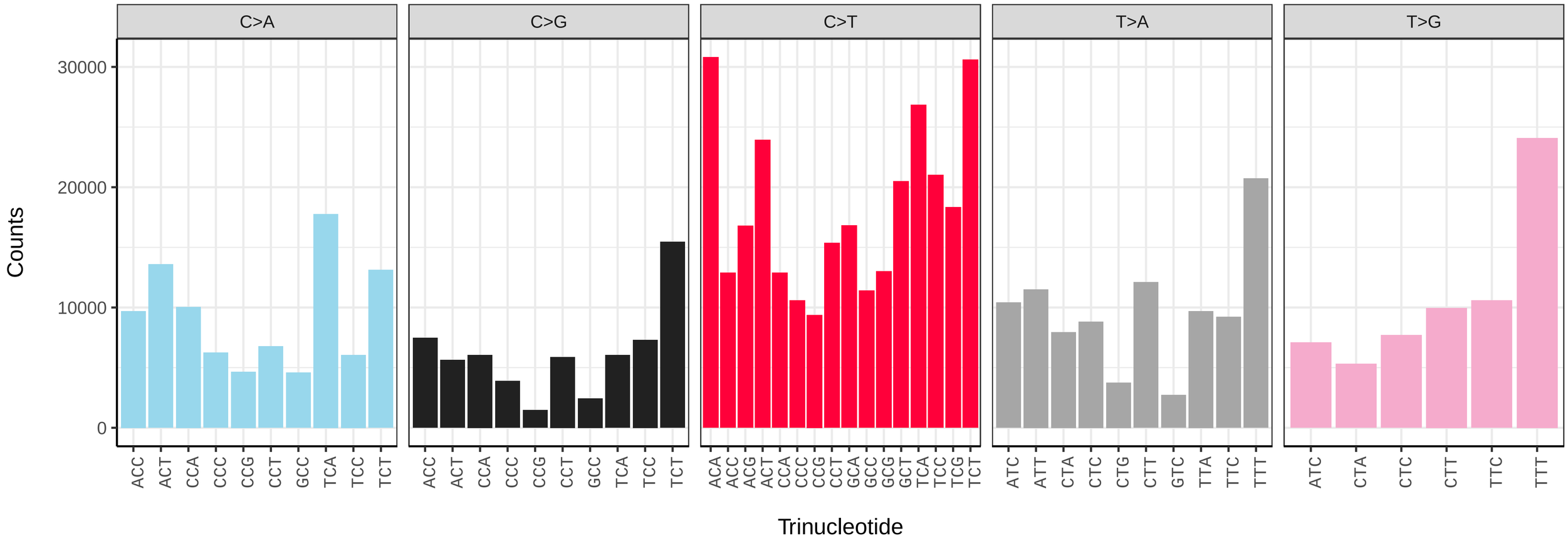
Myathropa florea (idMyaFlor2) somatic mutational spectrum (SBS96 classification)



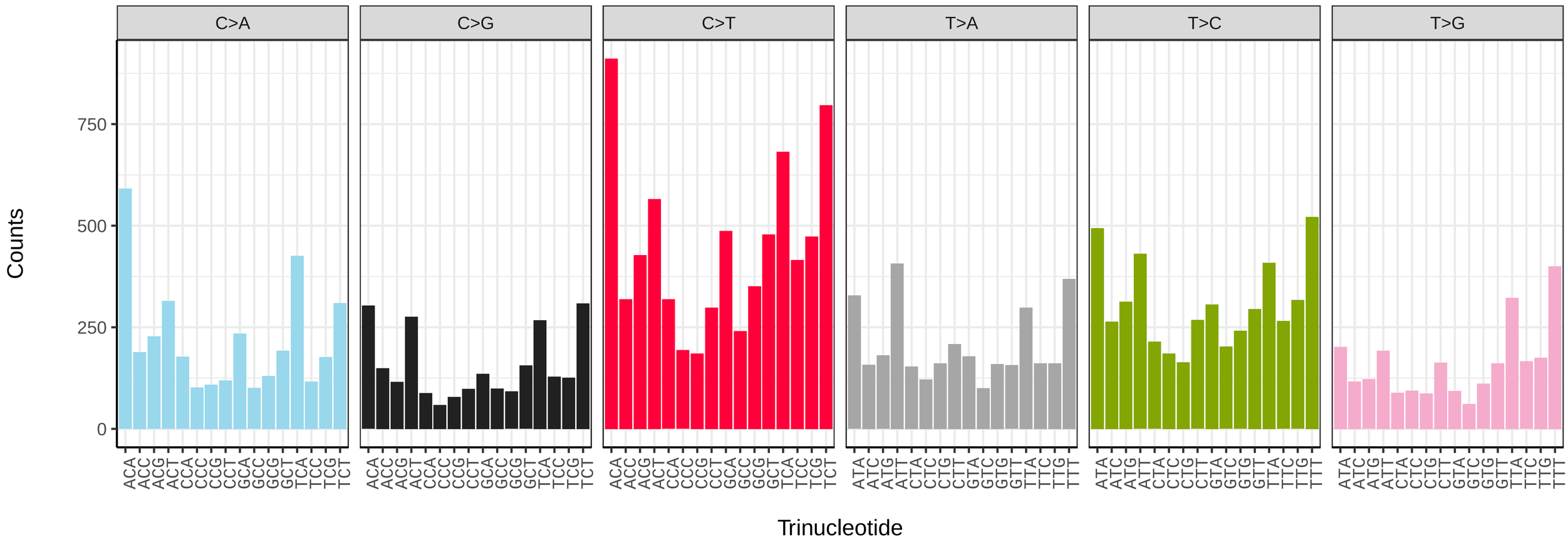
Myathropa florea (idMyaFlor2) somatic mutational spectrum (SBS52 classification)



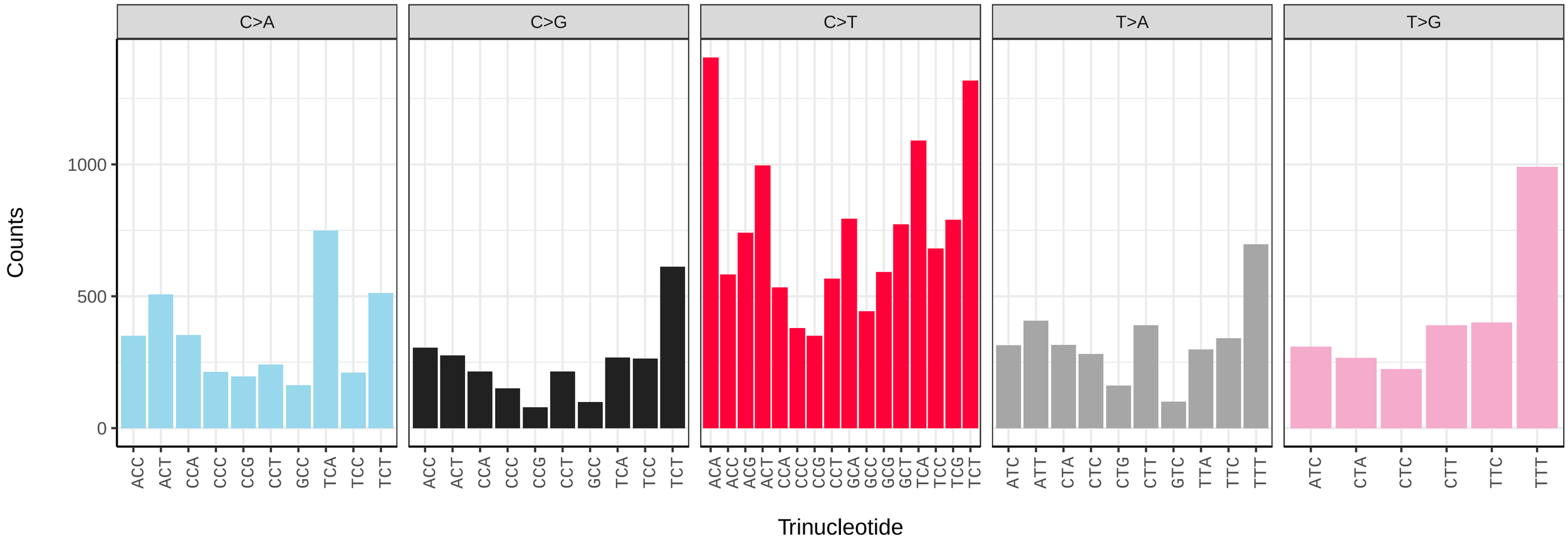
Myopa tessellatipennis (idMyoTess1) germline mutational spectrum



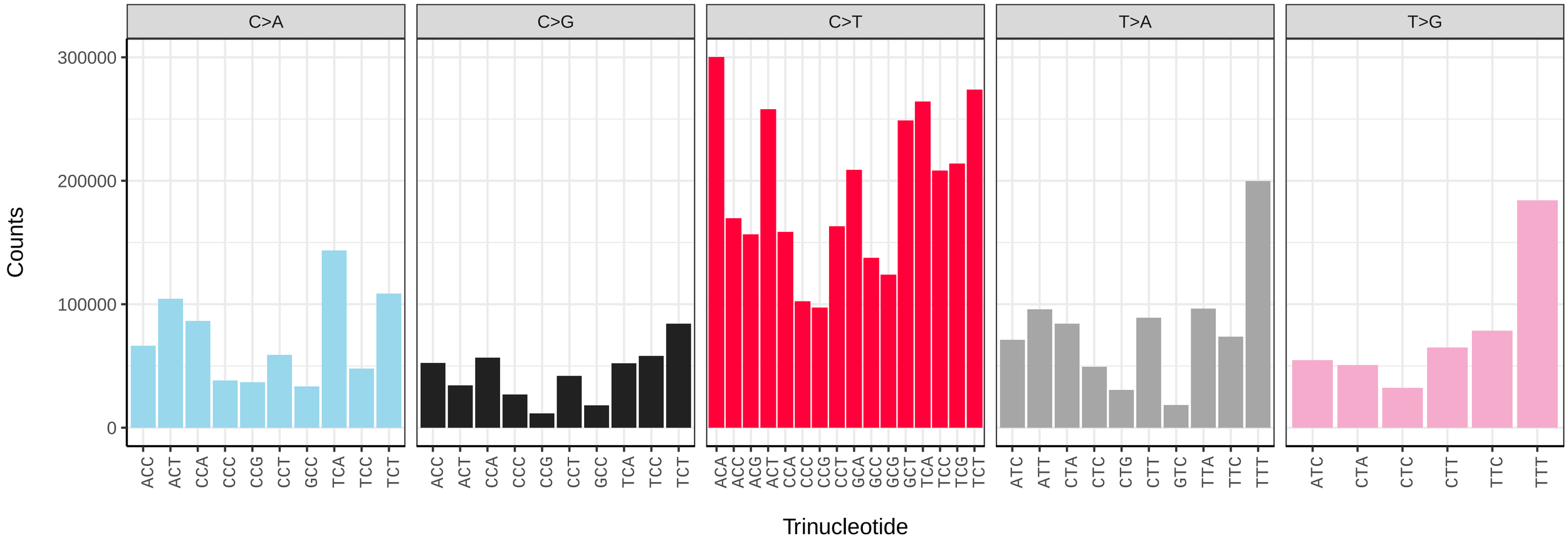
Myopa tessellatipennis (idMyoTess1) somatic mutational spectrum (SBS96 classification)



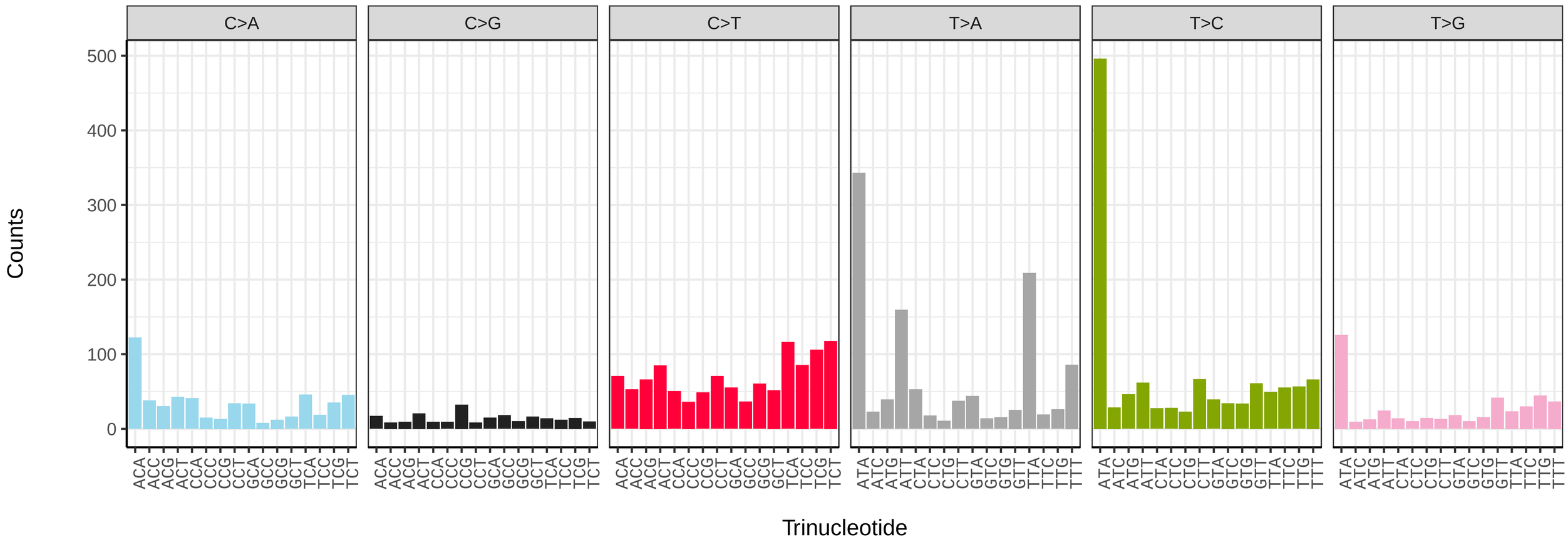
Myopa tessellatipennis (idMyoTess1) somatic mutational spectrum (SBS52 classification)



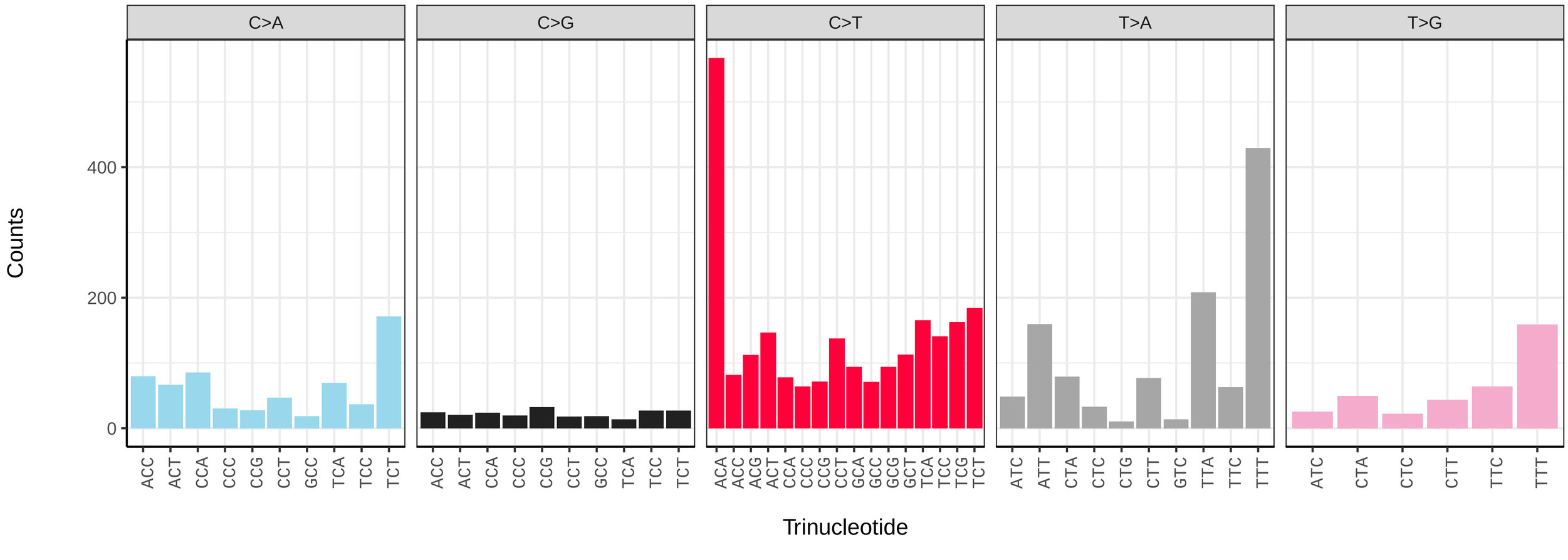
Nemotelus nigrinus (idNemNigr1) germline mutational spectrum



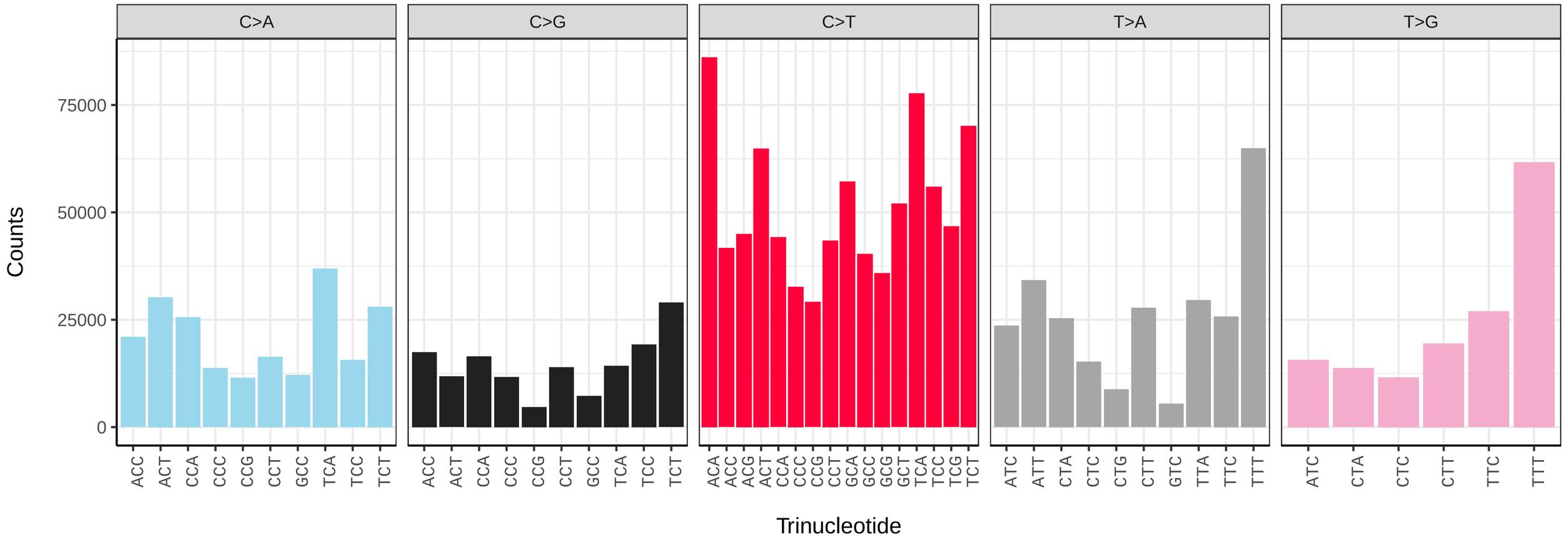
Nemotelus nigrinus (idNemNigr1) somatic mutational spectrum (SBS96 classification)



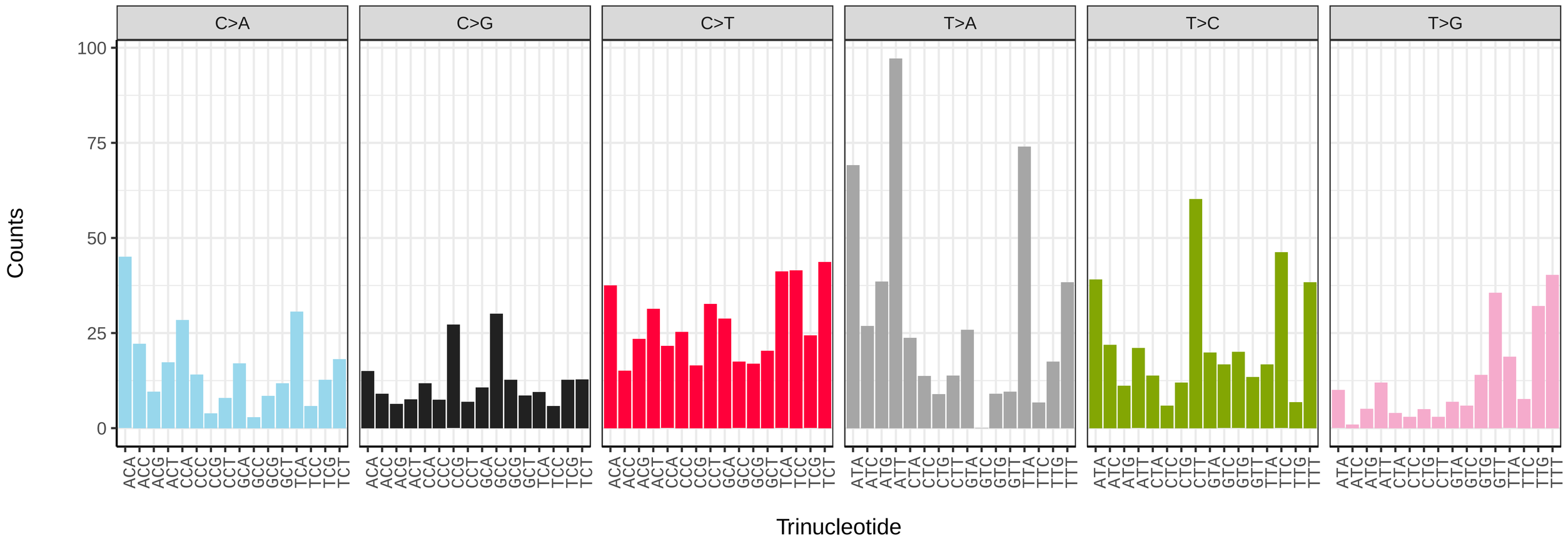
Nemotelus nigrinus (idNemNigr1) somatic mutational spectrum (SBS52 classification)



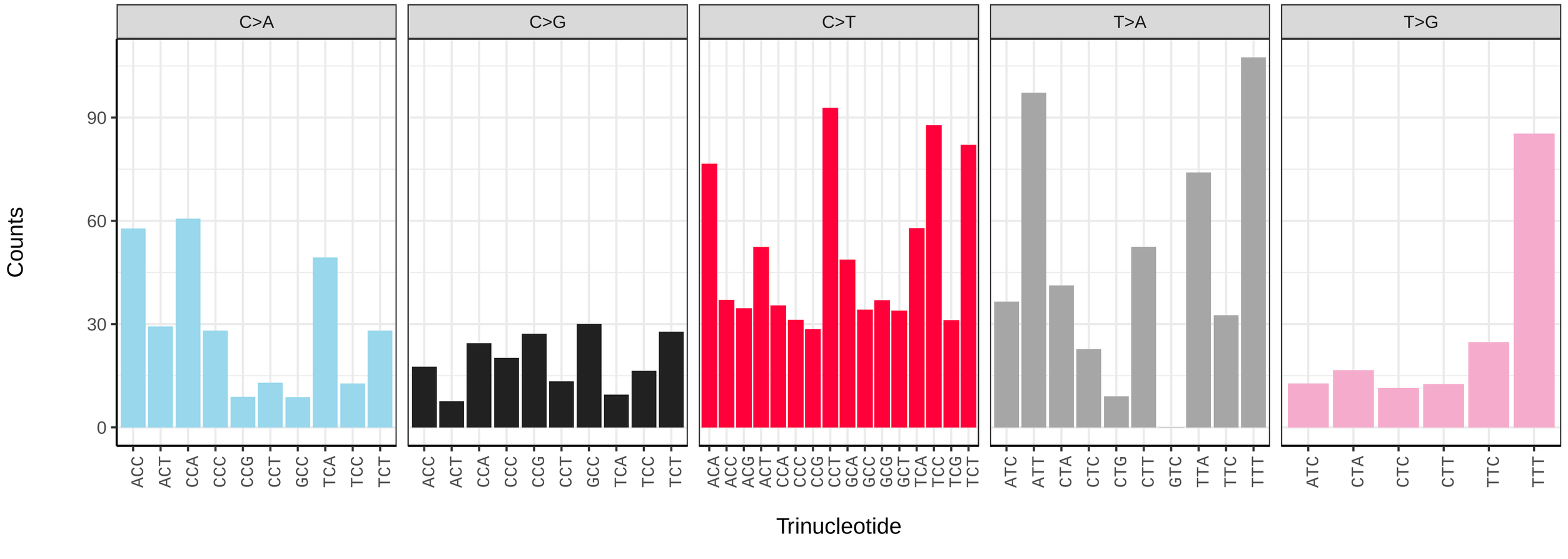
Neoitamus cyanurus (idNeoCyan1) germline mutational spectrum



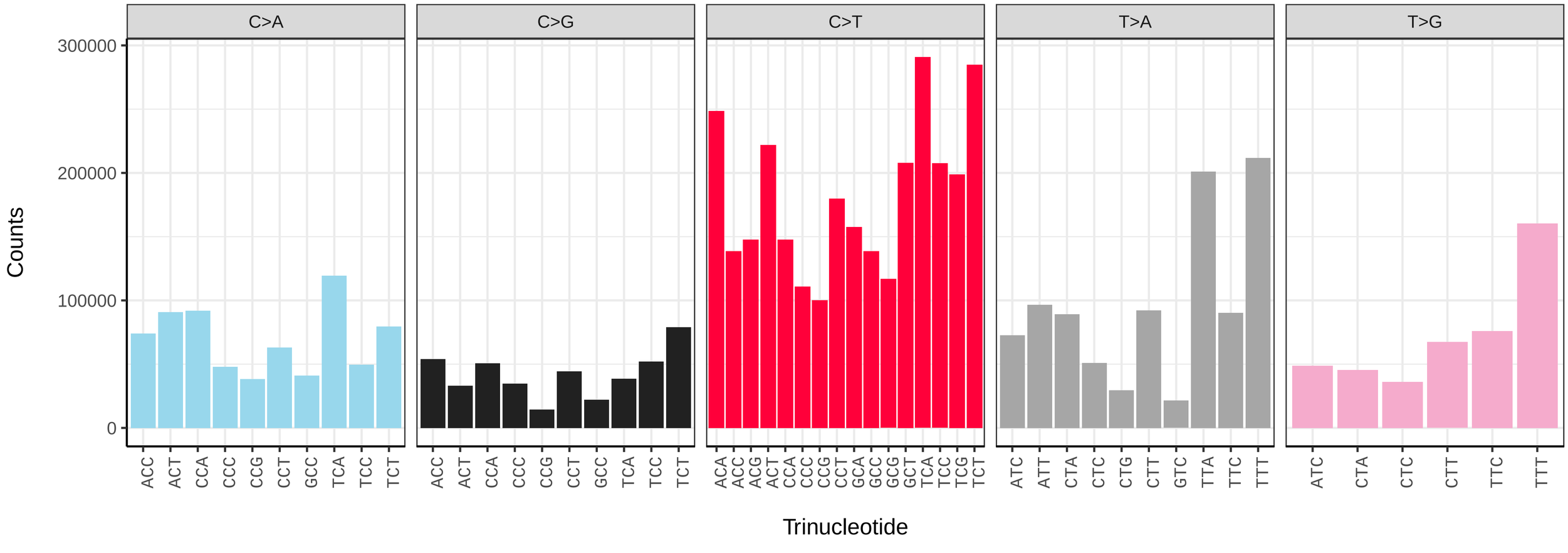
Neoitamus cyanurus (idNeoCyan1) somatic mutational spectrum (SBS96 classification)



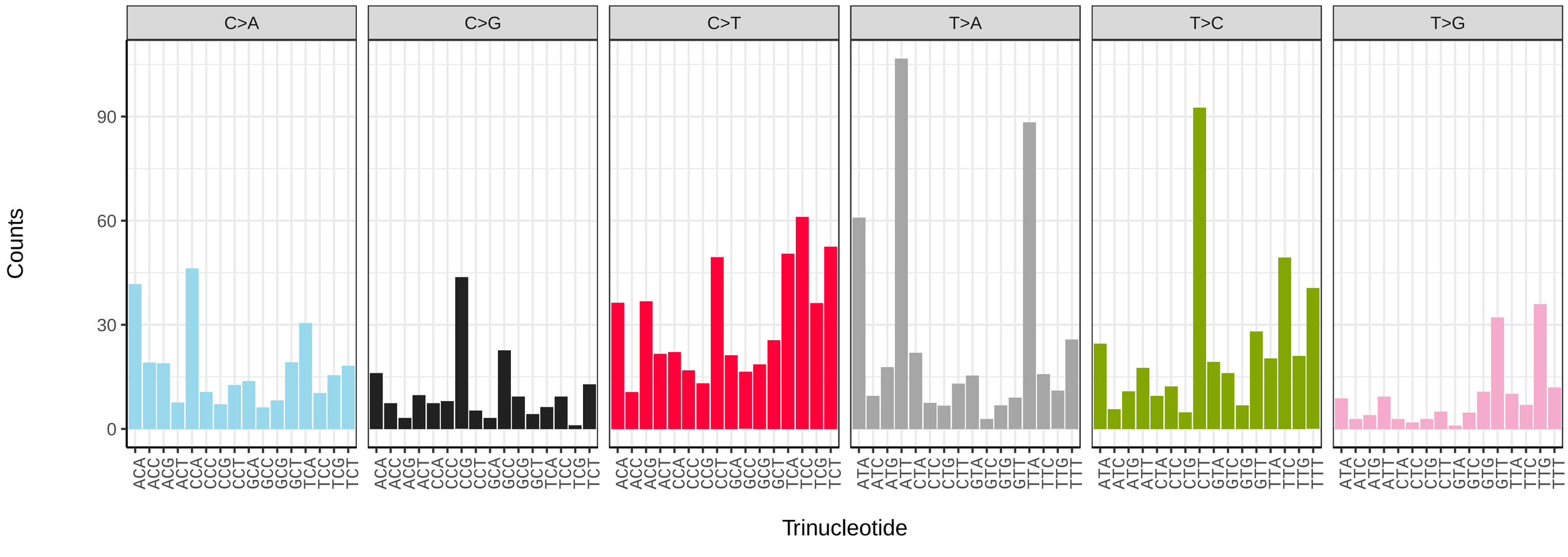
Neoitamus cyanurus (idNeoCyan1) somatic mutational spectrum (SBS52 classification)



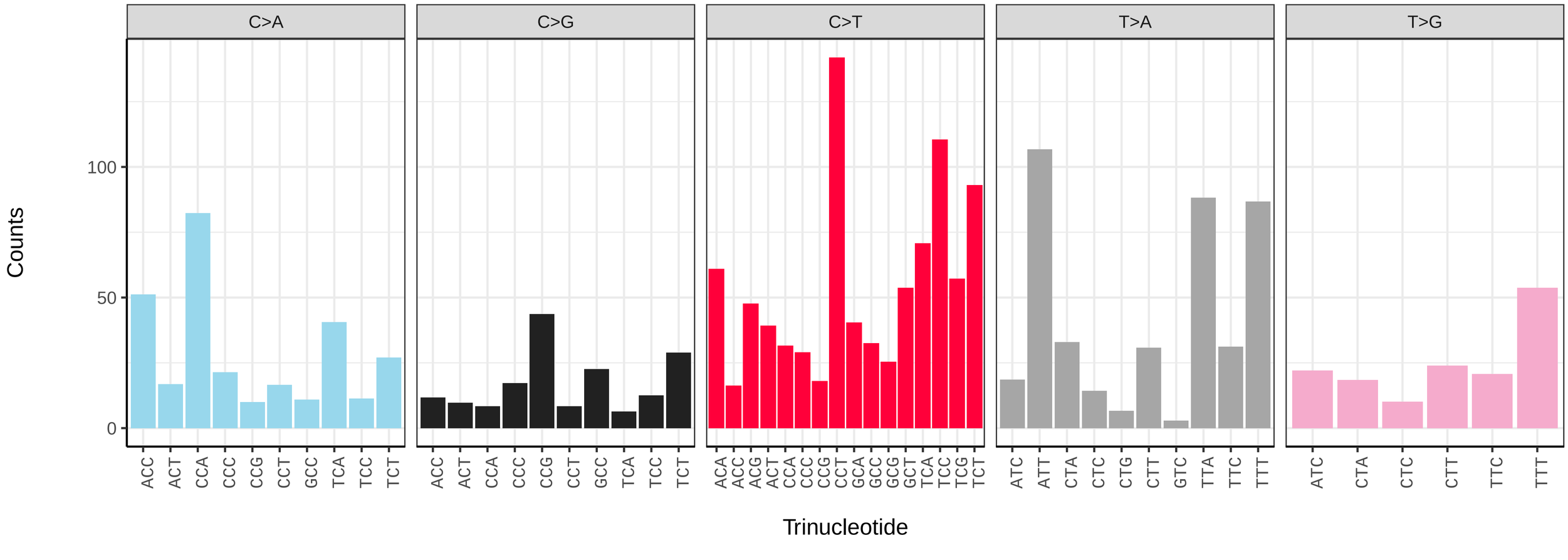
Neoascia interrupta (idNeoInte1) germline mutational spectrum



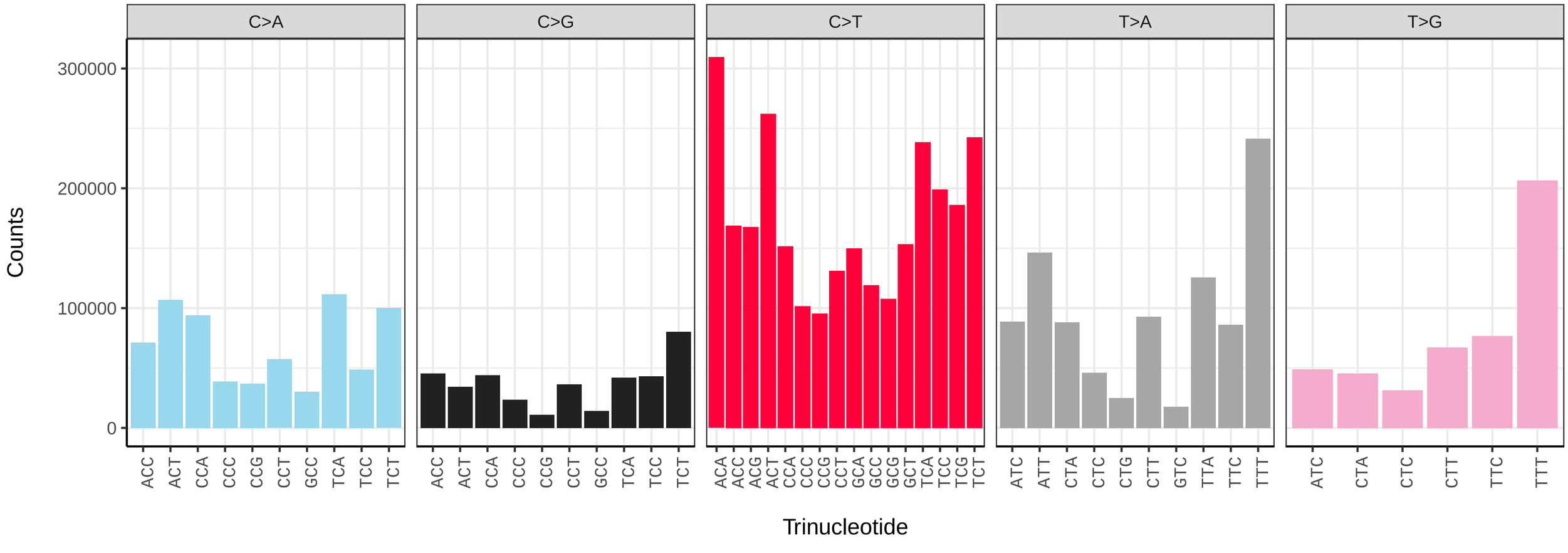
Neoascia interrupta (idNeoInte1) somatic mutational spectrum (SBS96 classification)



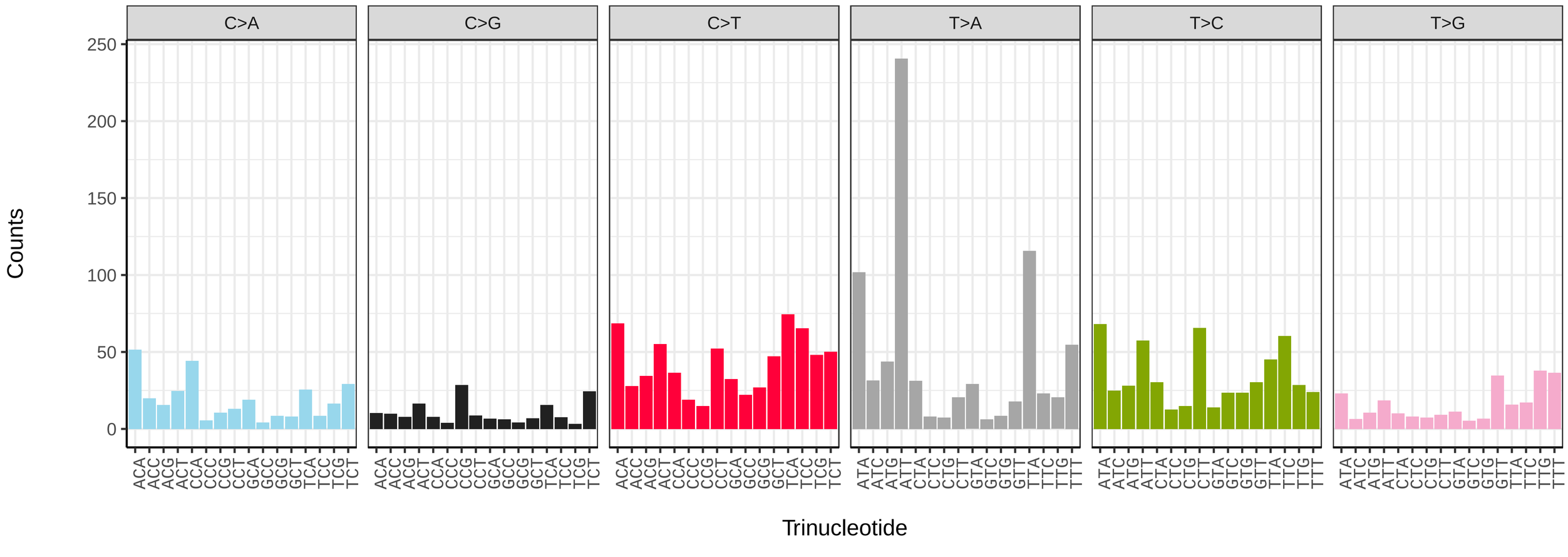
Neoascia interrupta (idNeoInte1) somatic mutational spectrum (SBS52 classification)



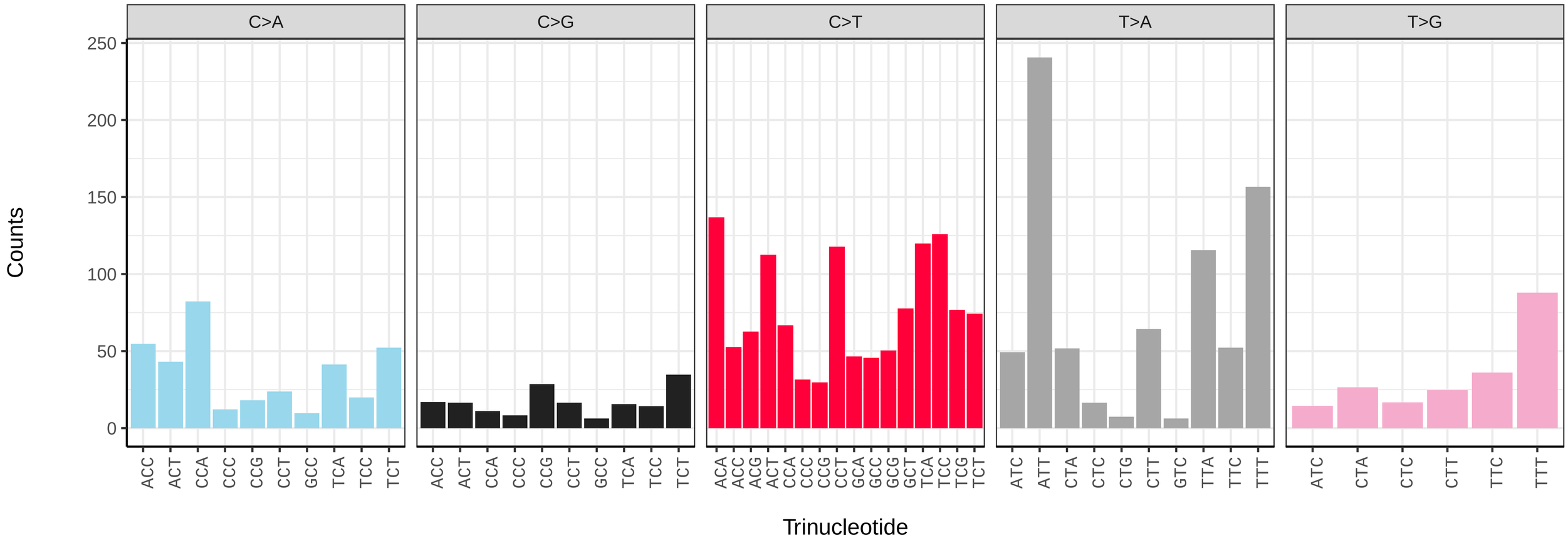
Nephrotoma appendiculata (idNepAppe1) germline mutational spectrum



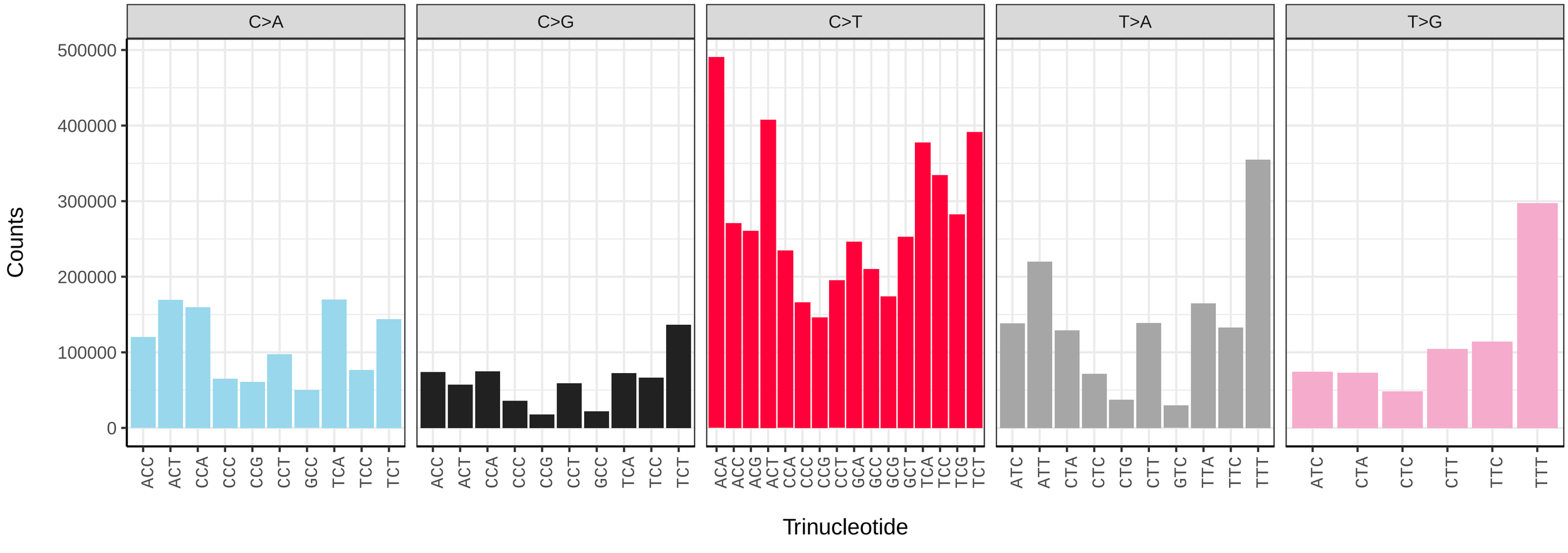
Nephrotoma appendiculata (idNepAppe1) somatic mutational spectrum (SBS96 classification)



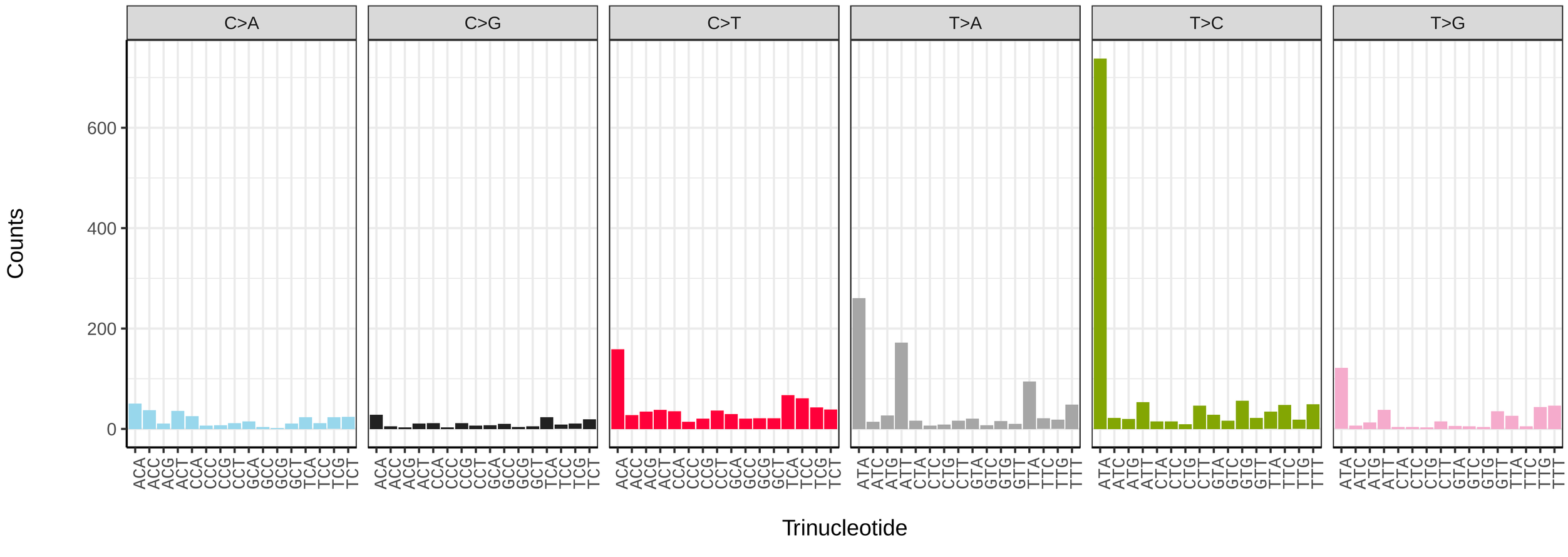
Nephrotoma appendiculata (idNepAppe1) somatic mutational spectrum (SBS52 classification)



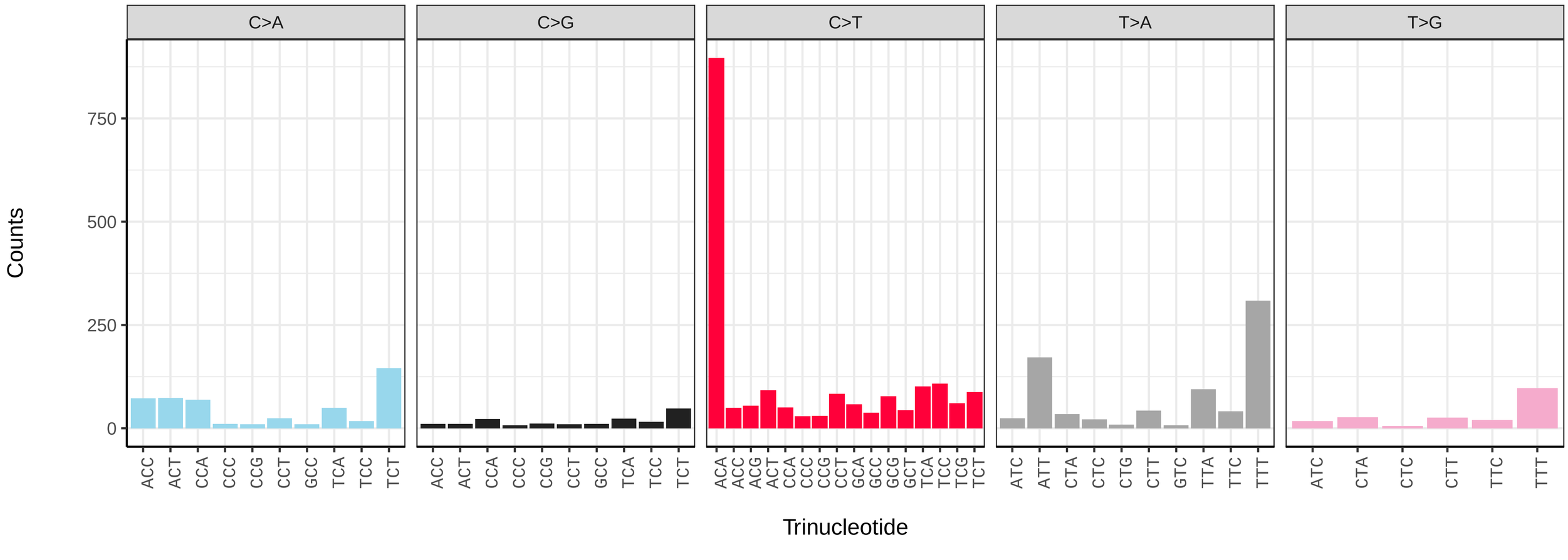
Nephrotoma flavescens (idNepFlae1) germline mutational spectrum



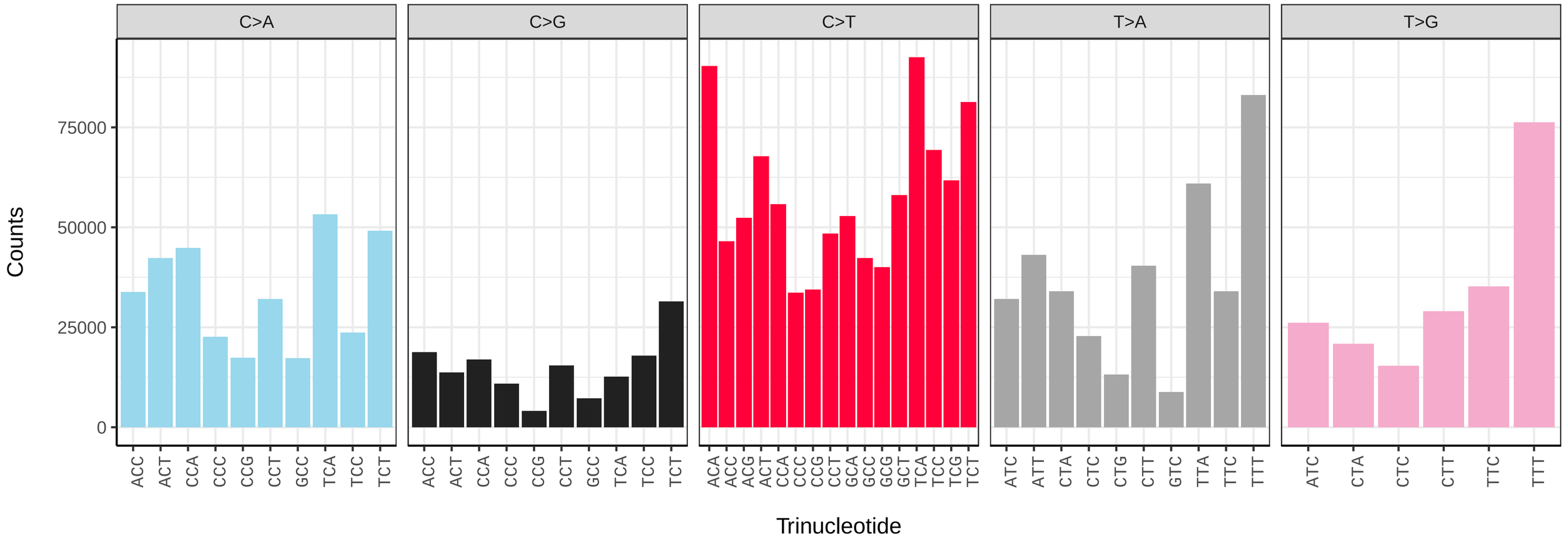
Nephrotoma flavescens (idNepFlae1) somatic mutational spectrum (SBS96 classification)



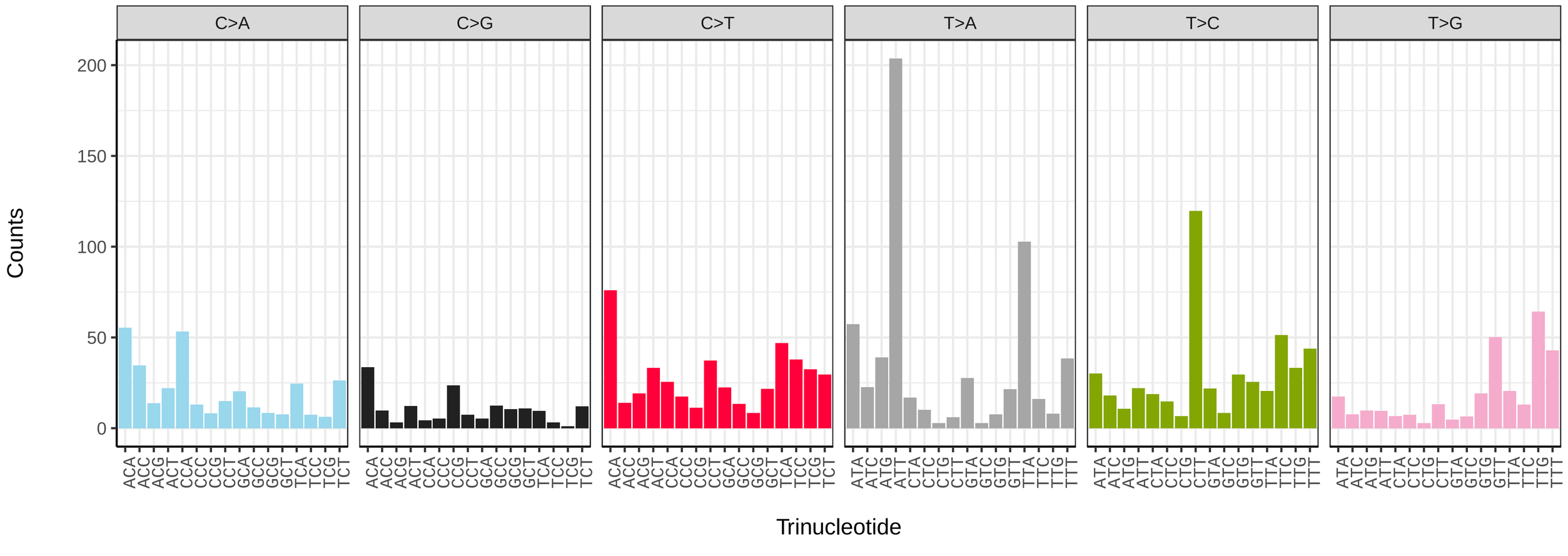
Nephrotoma flavescens (idNepFlae1) somatic mutational spectrum (SBS52 classification)



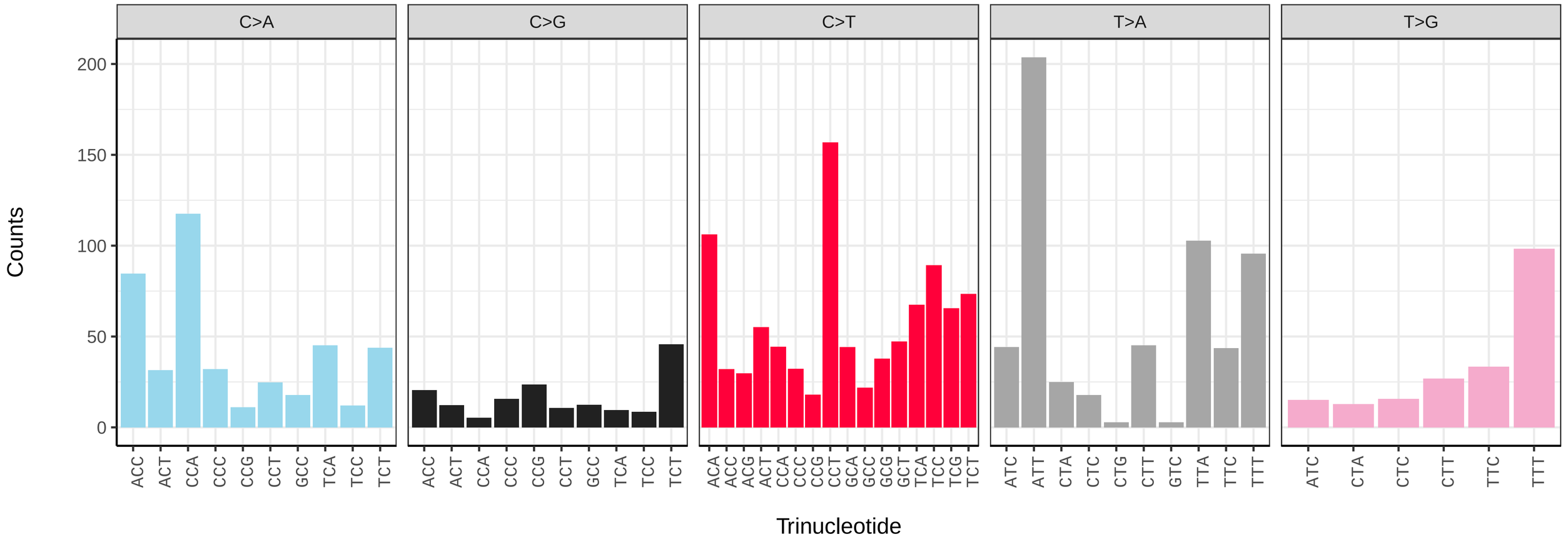
Nephrocerus scutellatus (idNepScut1) germline mutational spectrum



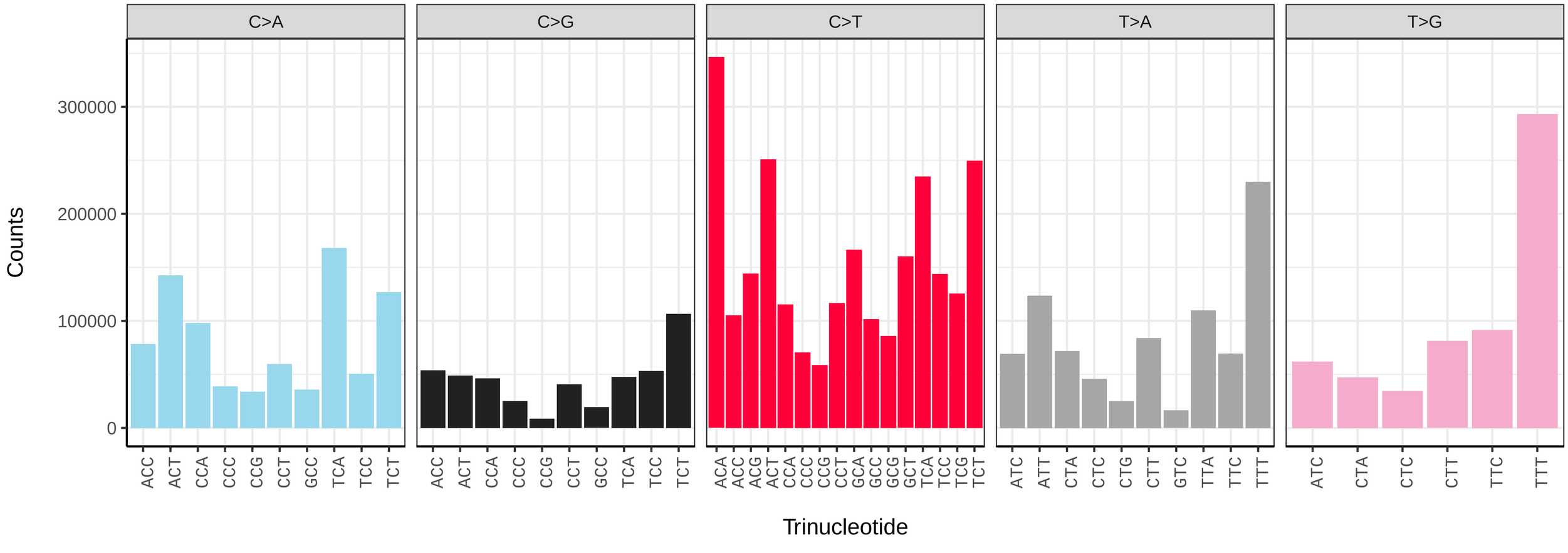
Nephrocerus scutellatus (idNepScut1) somatic mutational spectrum (SBS96 classification)



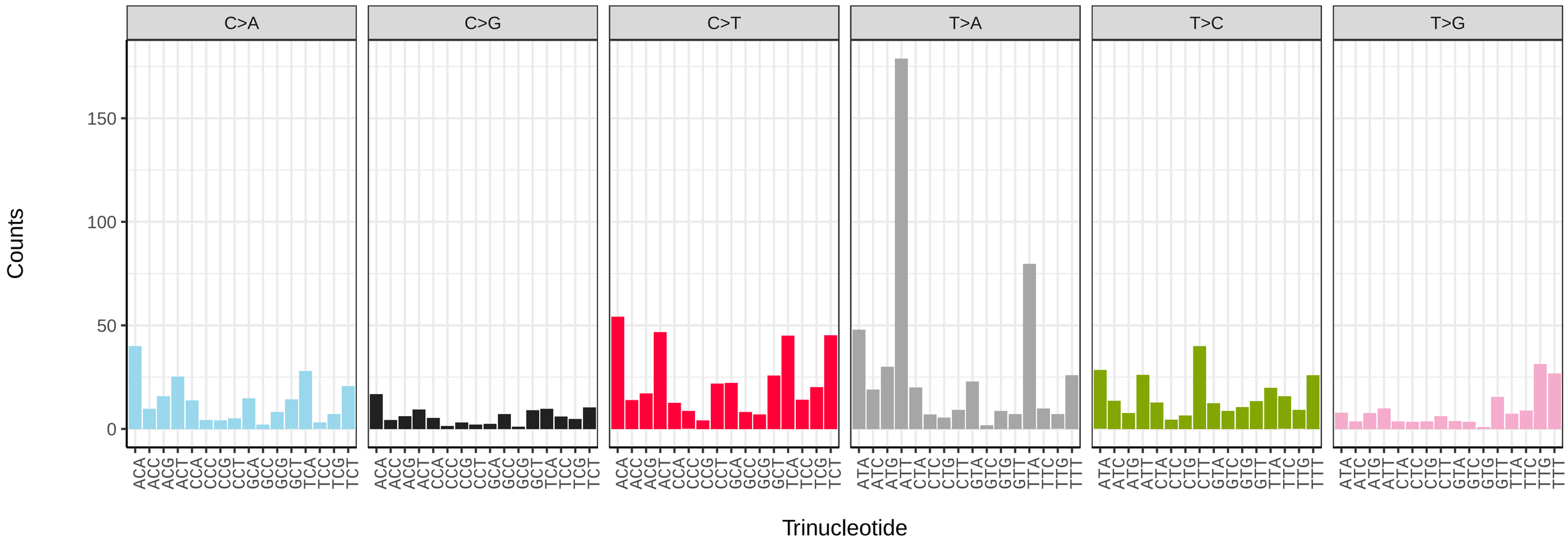
Nephrocerus scutellatus (idNepScut1) somatic mutational spectrum (SBS52 classification)



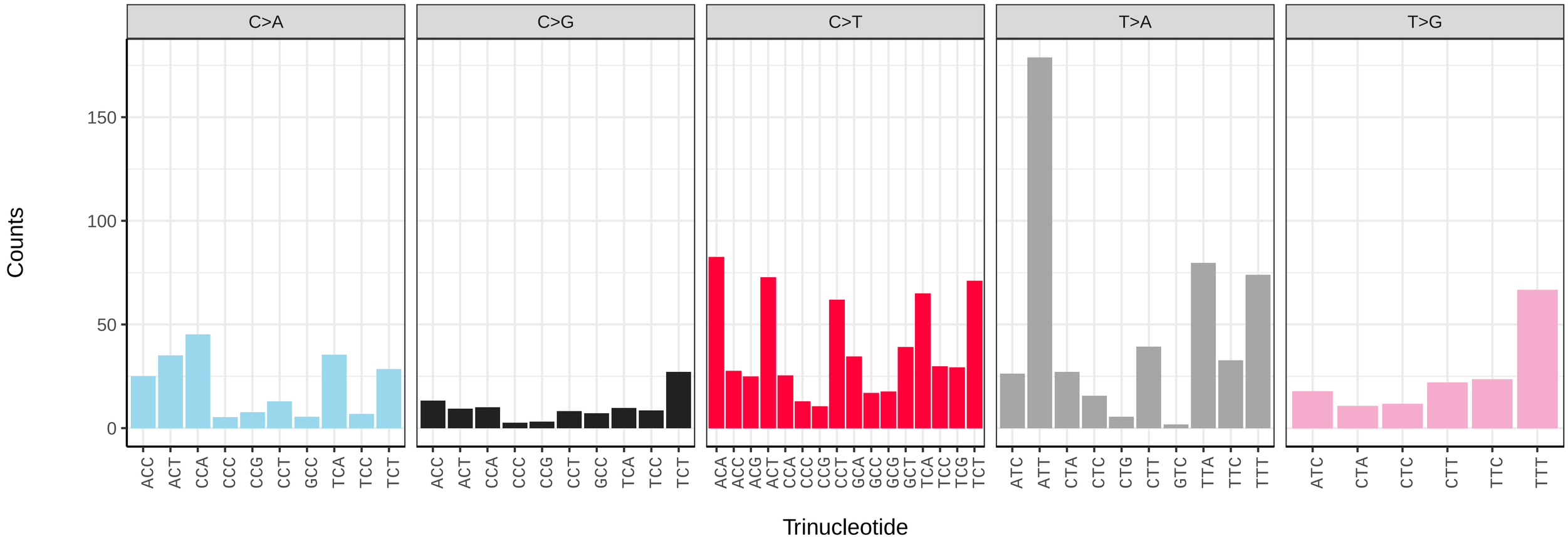
Nowickia ferox (idNowFero1) germline mutational spectrum



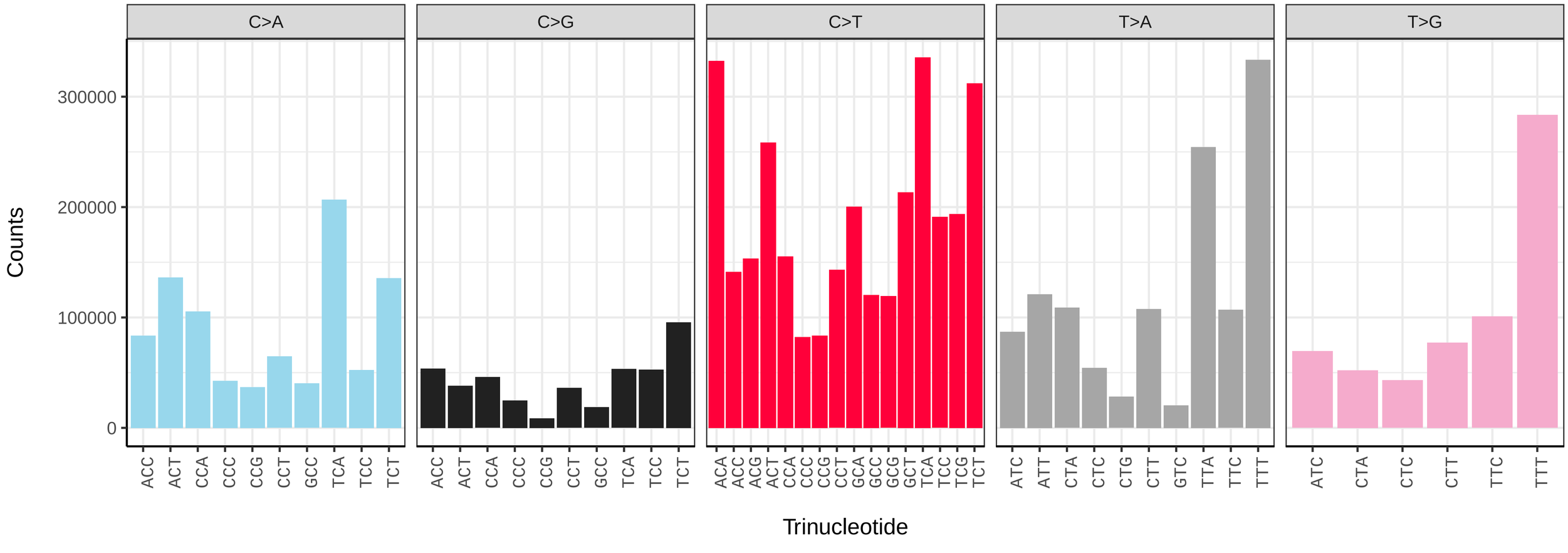
Nowickia ferox (idNowFero1) somatic mutational spectrum (SBS96 classification)



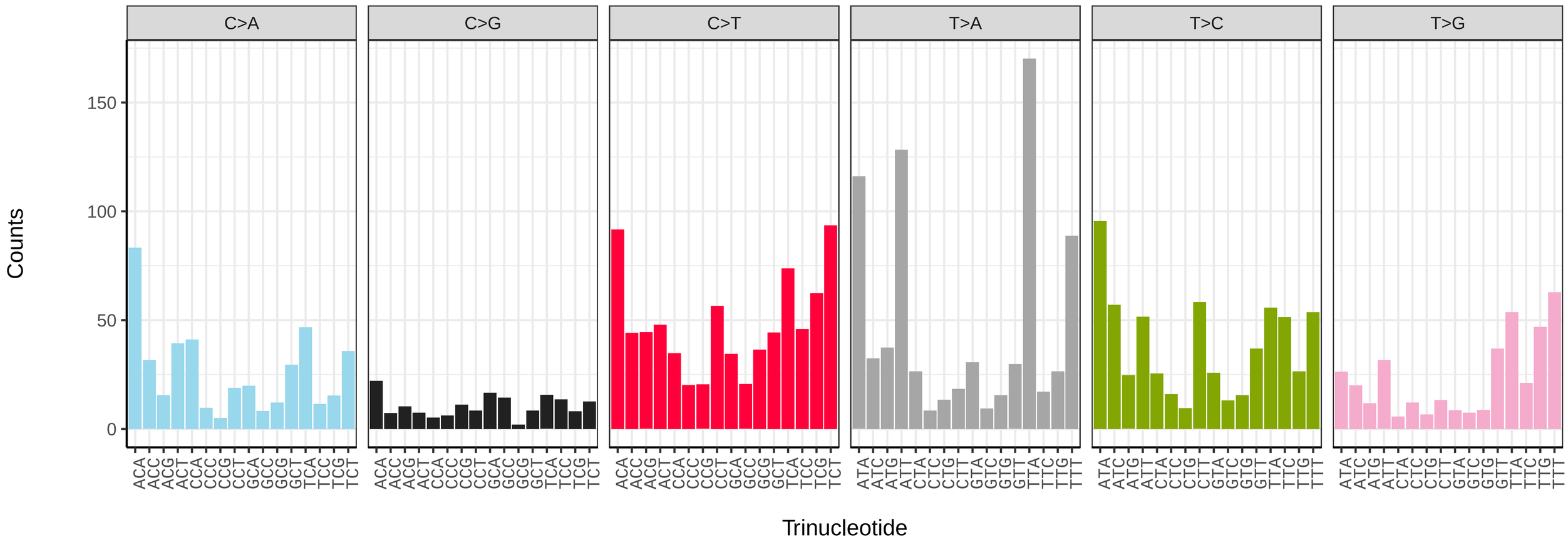
Nowickia ferox (idNowFero1) somatic mutational spectrum (SBS52 classification)



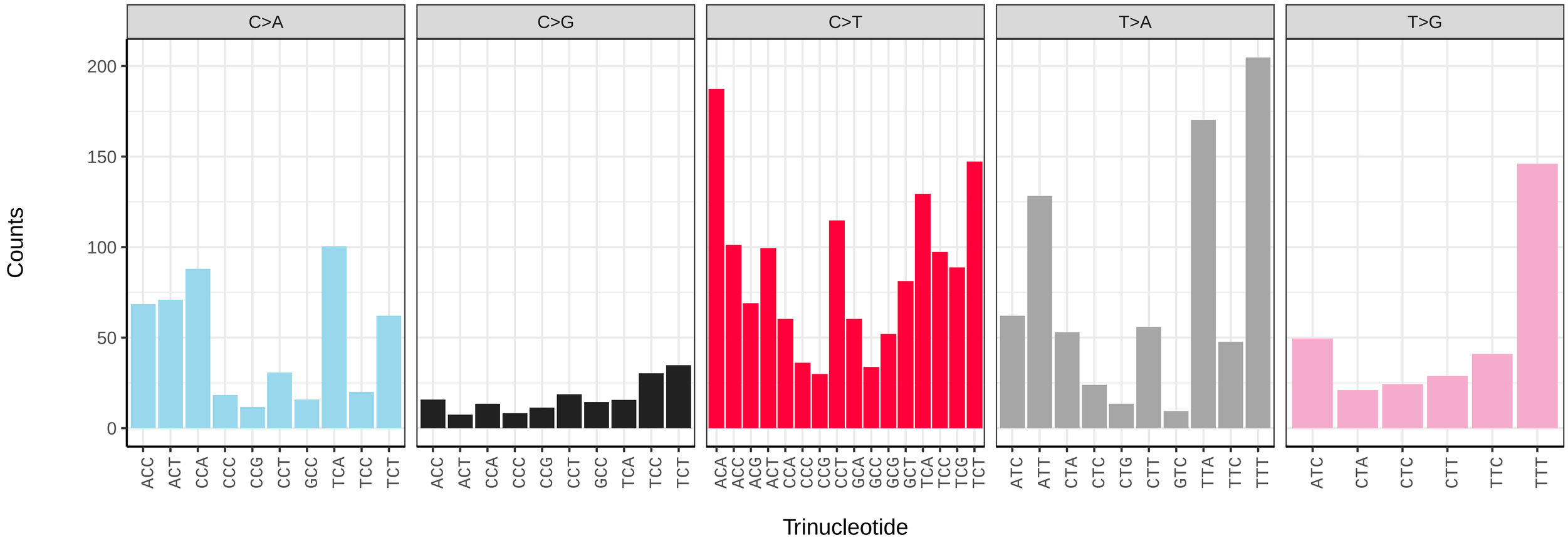
Pherbina coryleti (idPheCory1) germline mutational spectrum



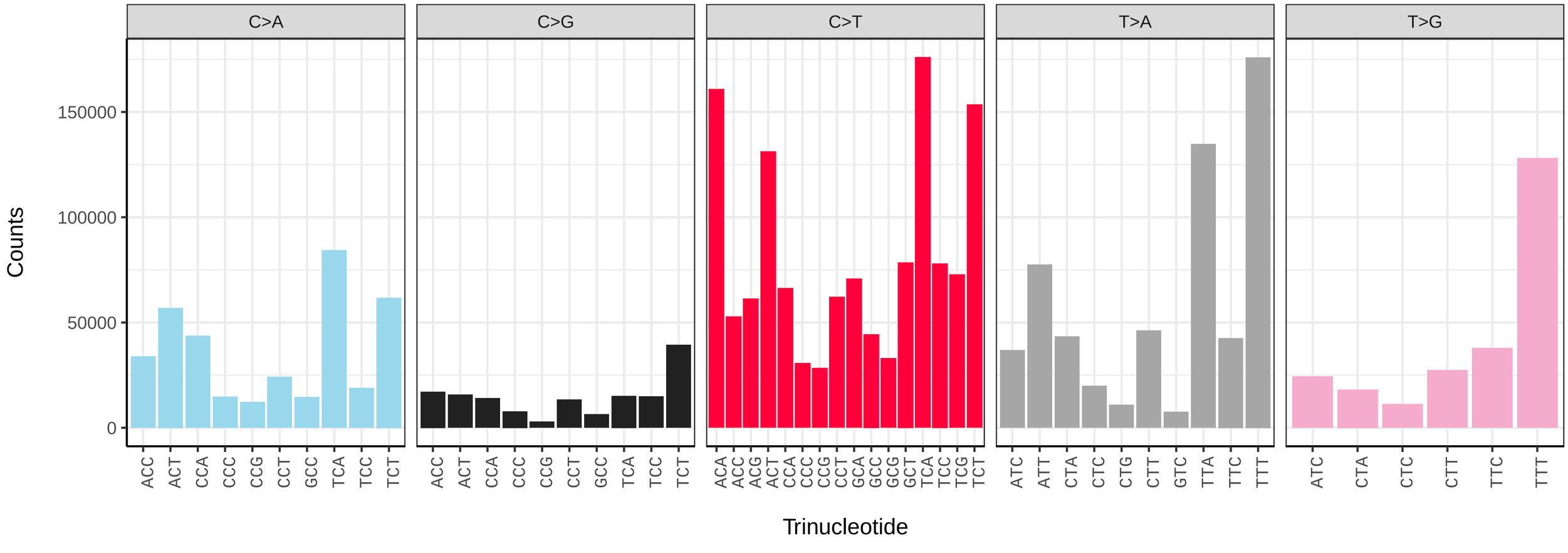
Pherbina coryleti (idPheCory1) somatic mutational spectrum (SBS96 classification)



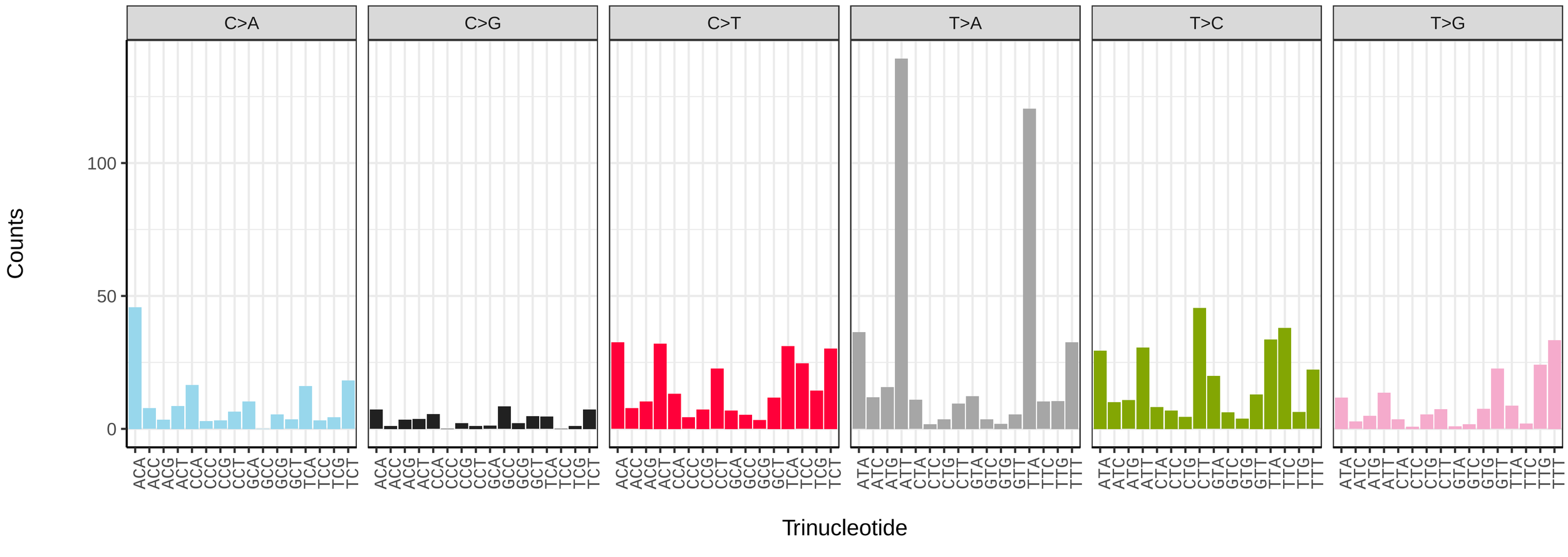
Pherbina coryleti (idPheCory1) somatic mutational spectrum (SBS52 classification)



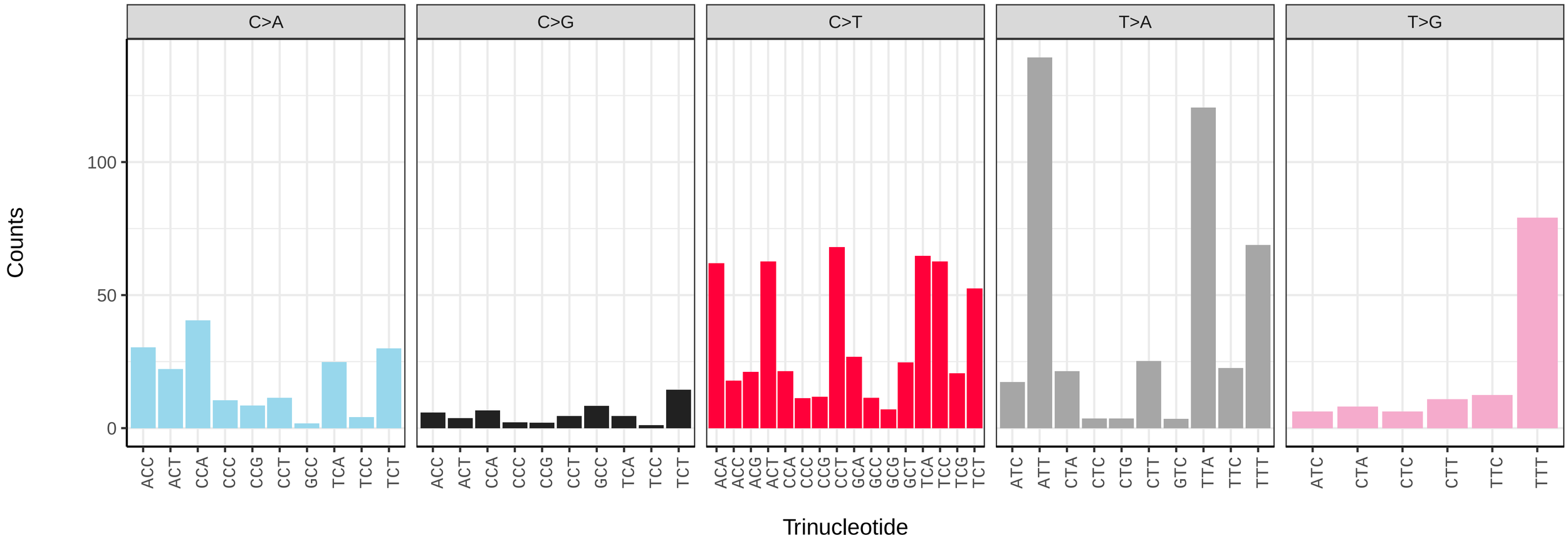
Phyto melanocephala (idPhyMeln1) germline mutational spectrum



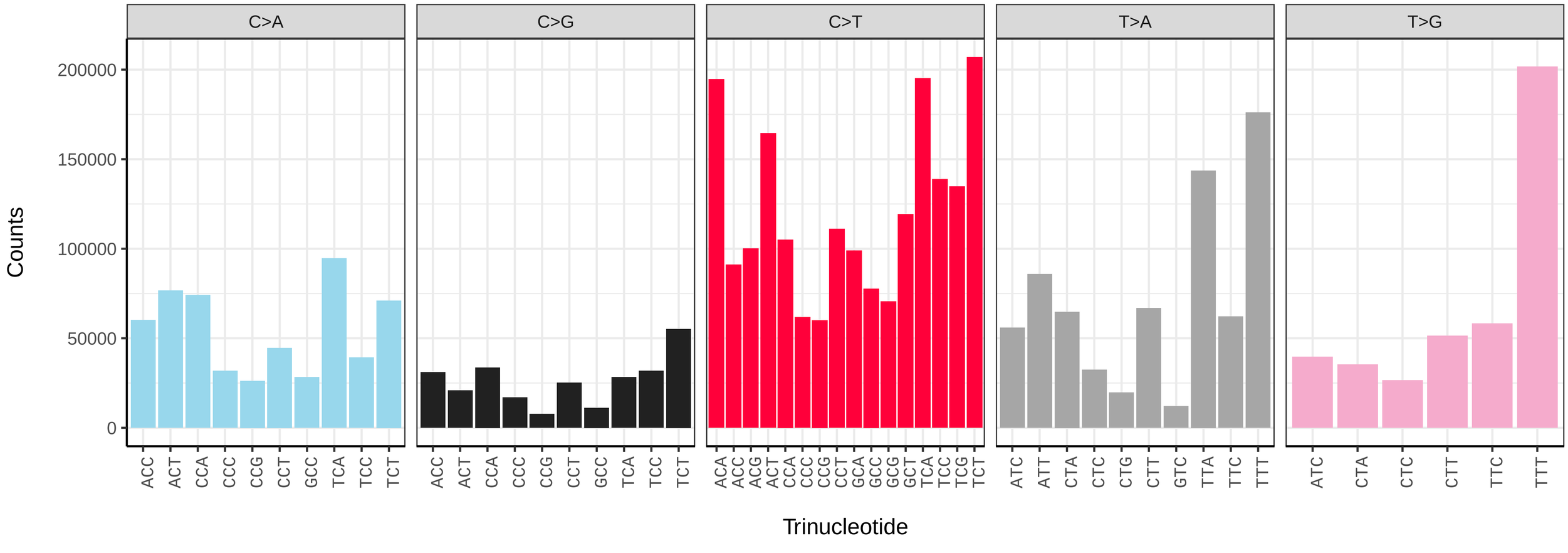
Phyto melanocephala (idPhyMeln1) somatic mutational spectrum (SBS96 classification)



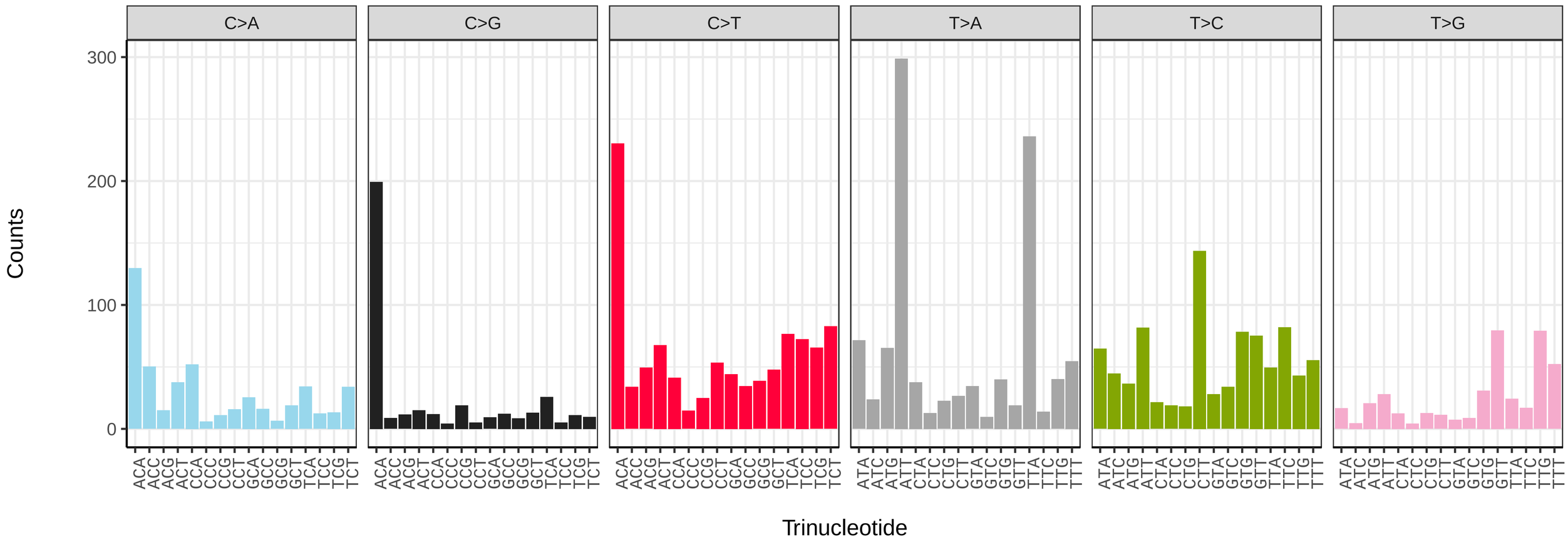
Phyto melanocephala (idPhyMeln1) somatic mutational spectrum (SBS52 classification)



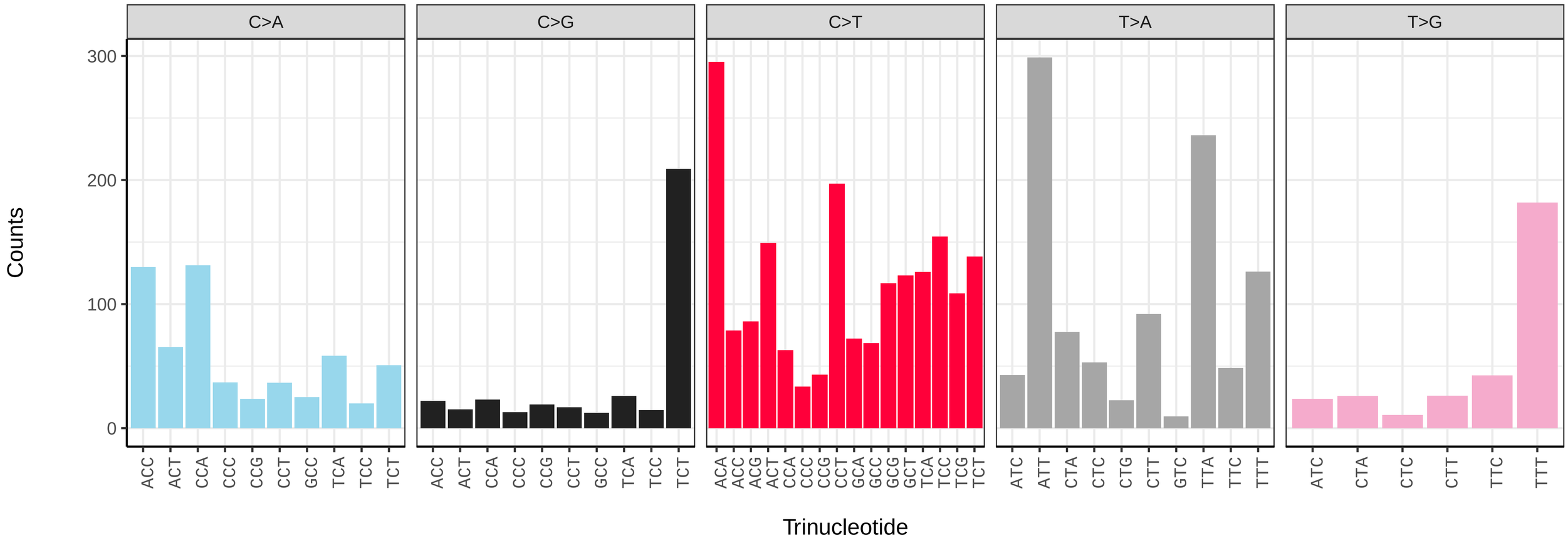
Platycheirus albimanus (idPlaAlba1) germline mutational spectrum



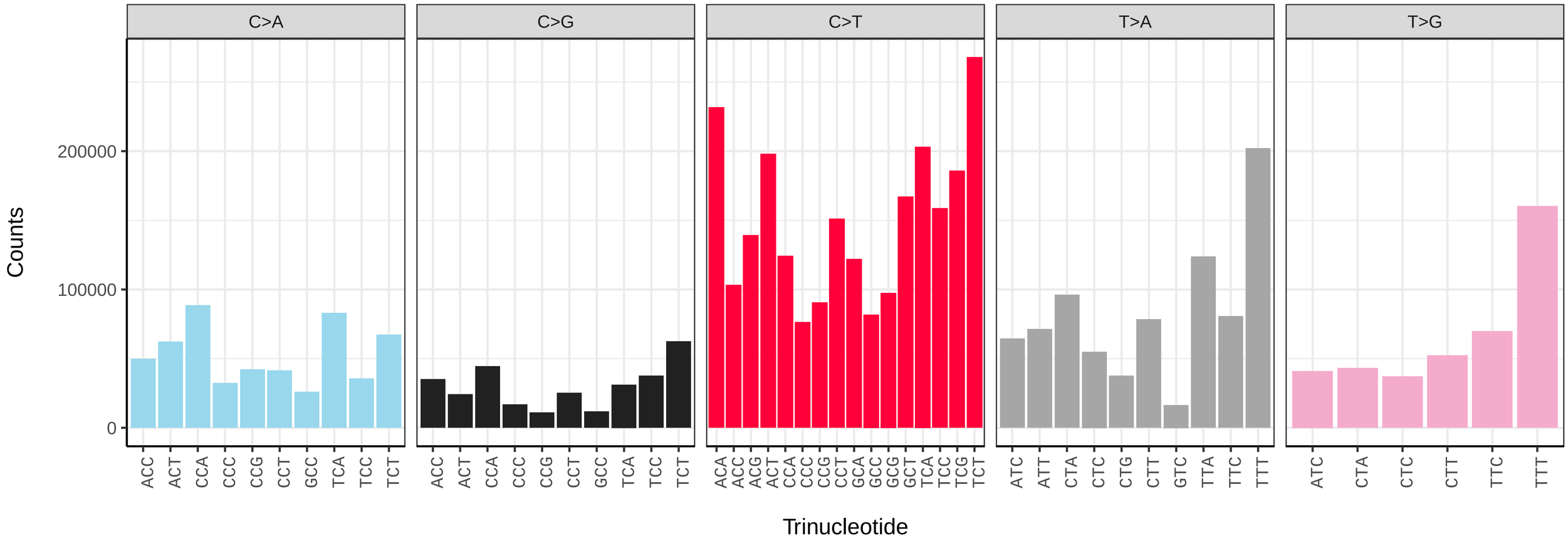
Platycheirus albimanus (idPlaAlba1) somatic mutational spectrum (SBS96 classification)



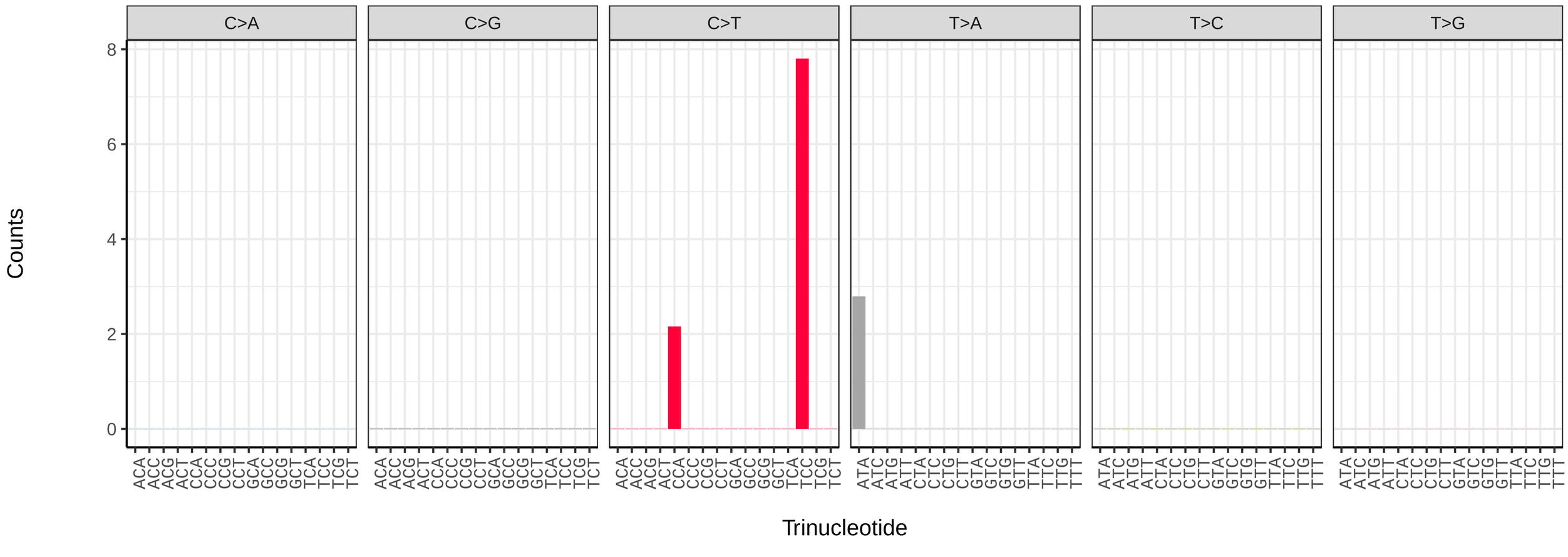
Platycheirus albimanus (idPlaAlba1) somatic mutational spectrum (SBS52 classification)



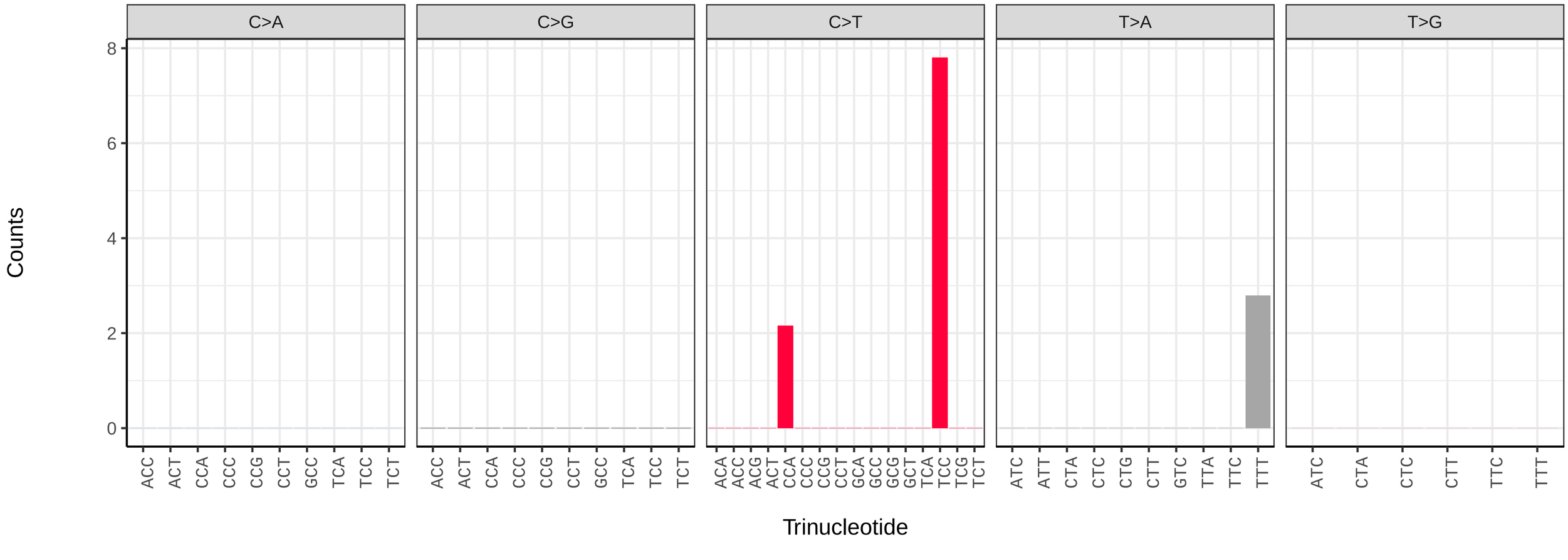
Platycheirus albimanus (idPlaAlba1.idPlaAlba3) germline mutational spectrum



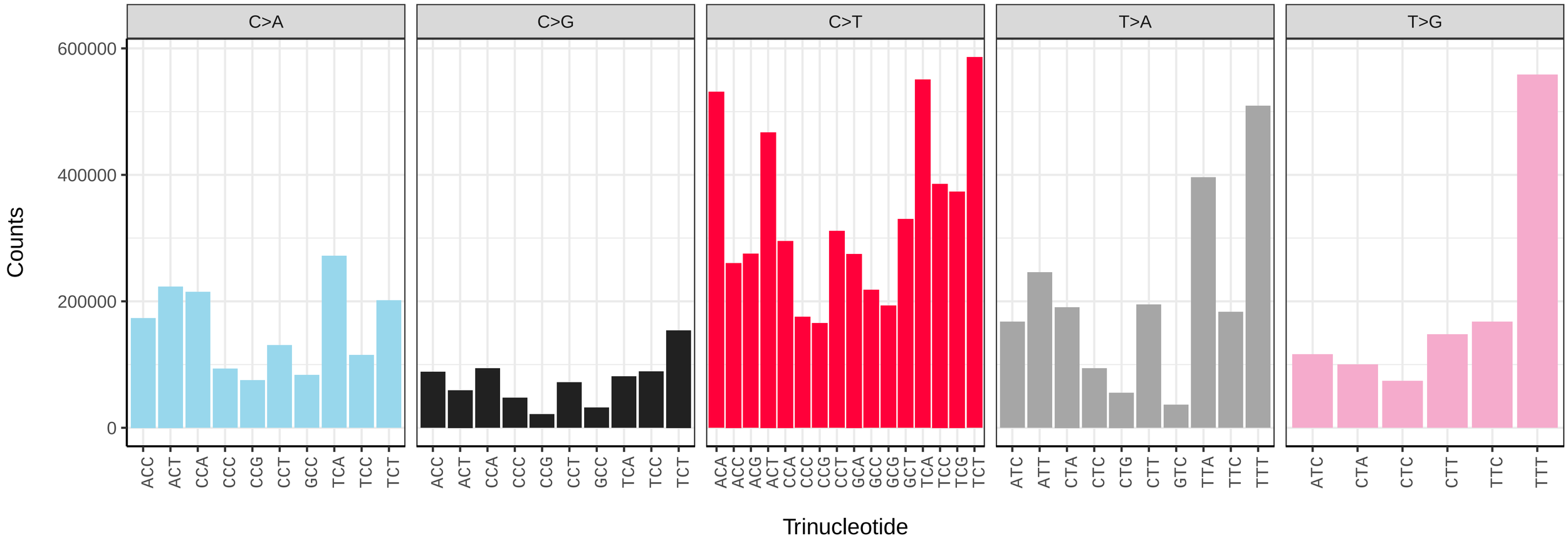
Platycheirus albimanus (idPlaAlba1.idPlaAlba3) somatic mutational spectrum (SBS96 classification)



Platycheirus albimanus (idPlaAlba1.idPlaAlba3) somatic mutational spectrum (SBS52 classification)



Platycheirus albimanus (idPlaAlba1.idPlaAlba4) germline mutational spectrum



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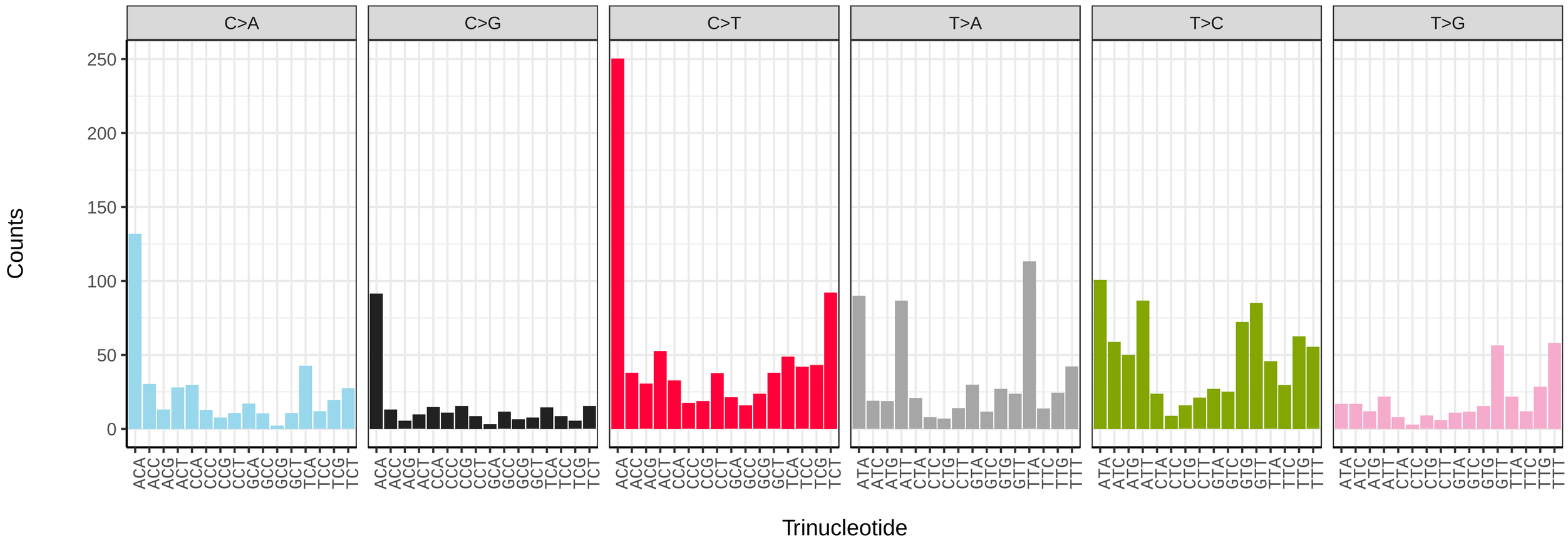
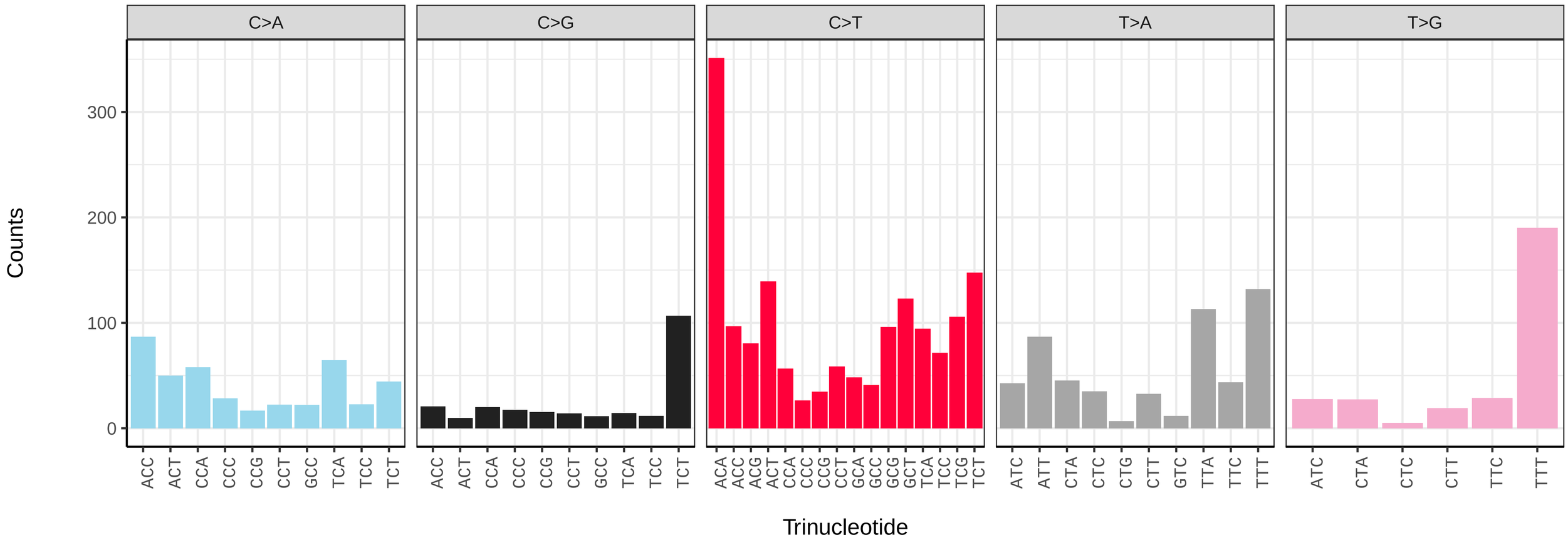
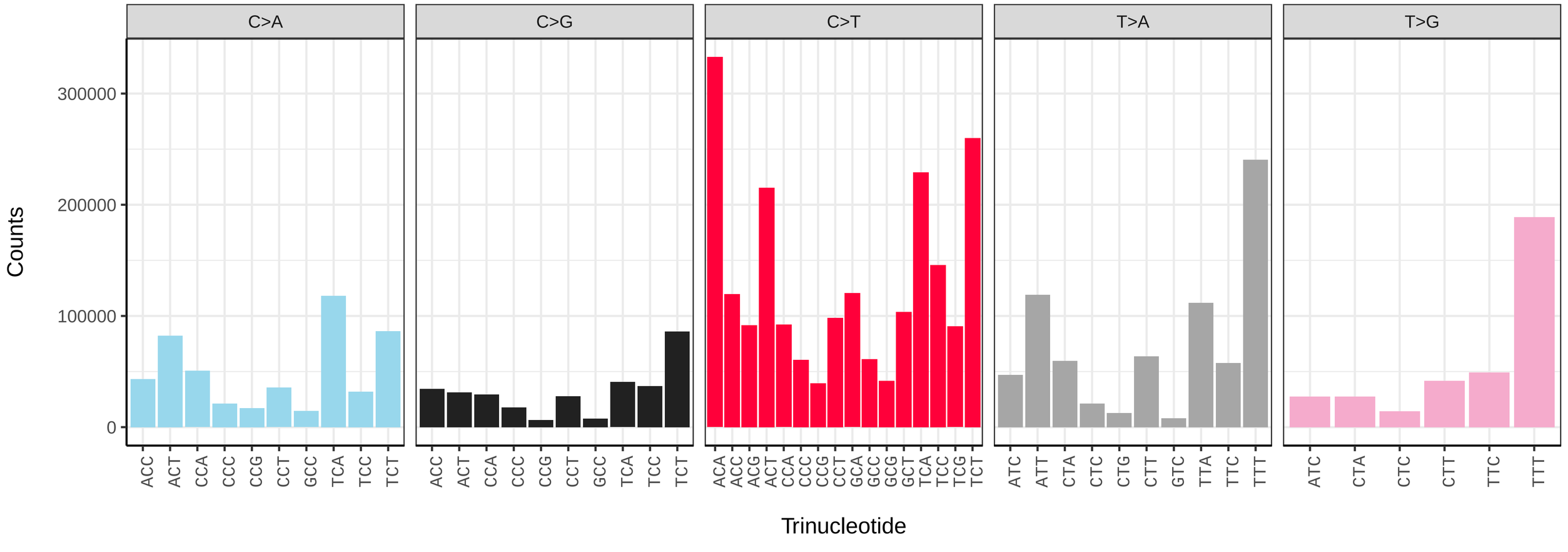


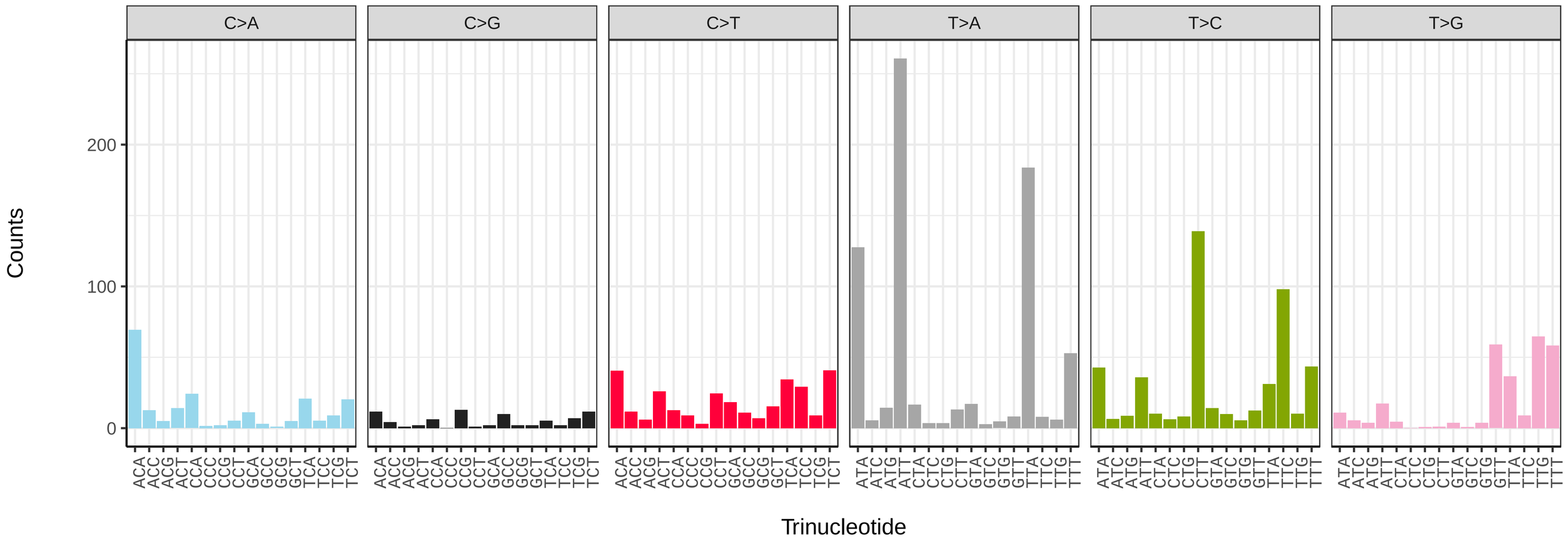
Platycheirus albimanus (idPlaAlba1.idPlaAlba4) somatic mutational spectrum (SBS52 classification)



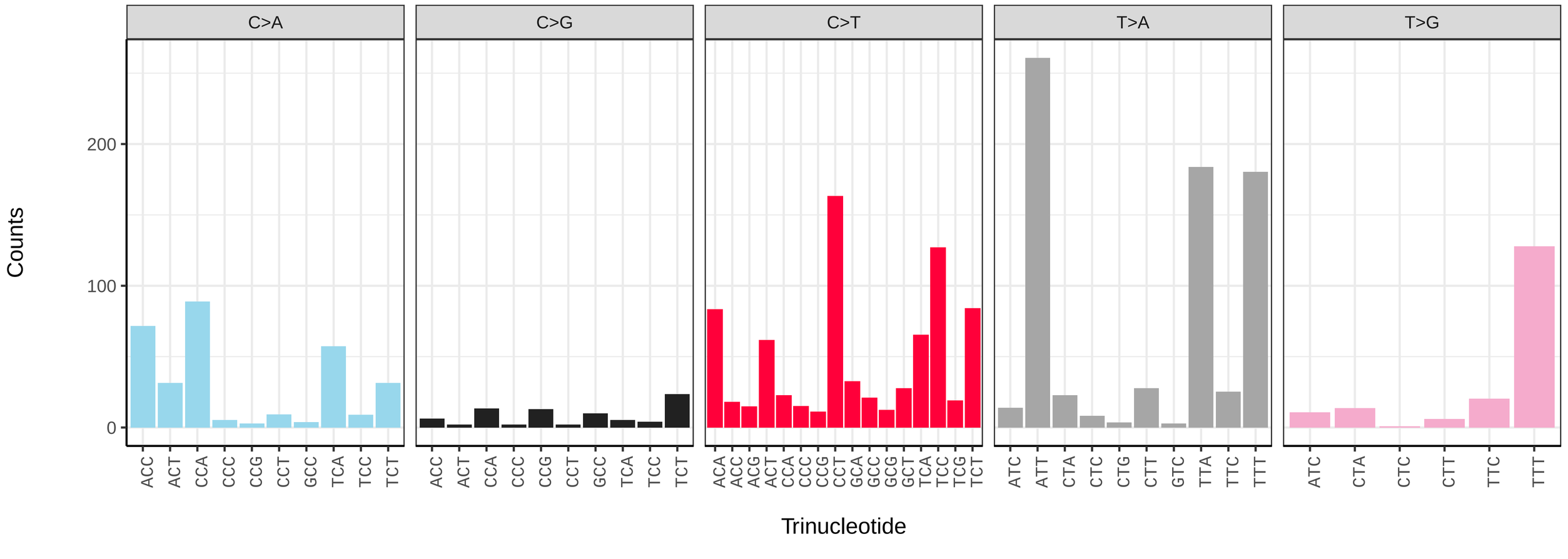
Poecilobothrus nobilitatus (idPoeNobi2) germline mutational spectrum



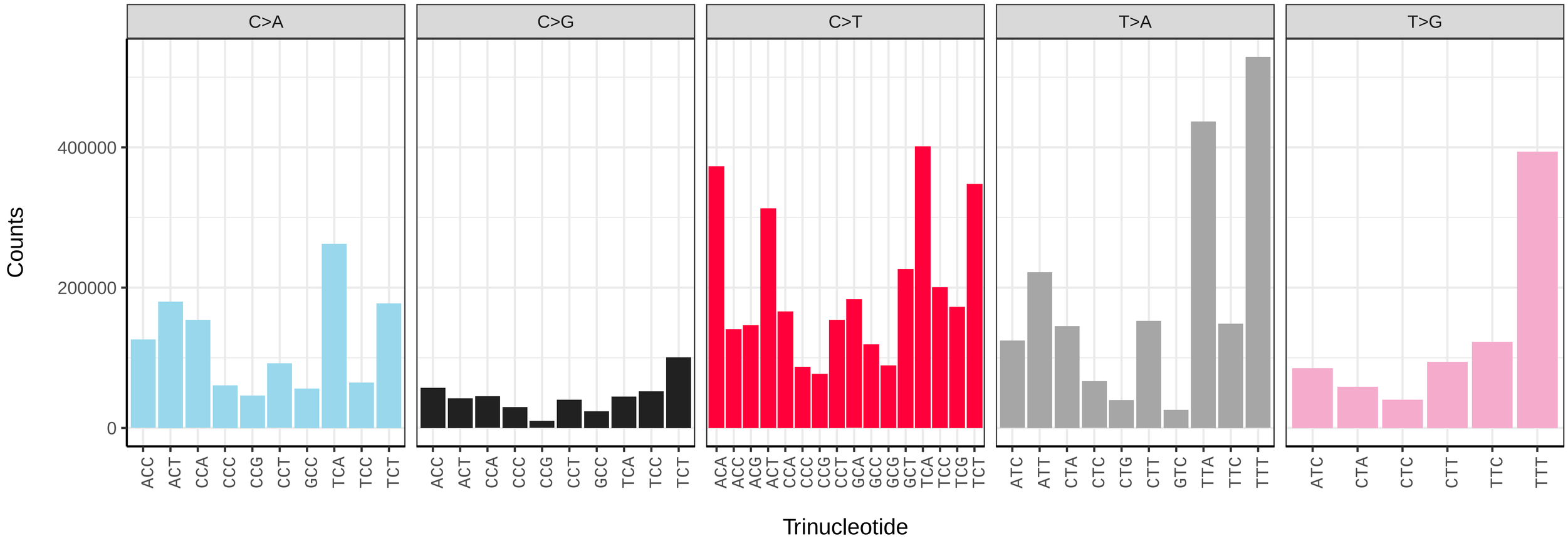
Poecilobothrus nobilitatus (idPoeNobi2) somatic mutational spectrum (SBS96 classification)



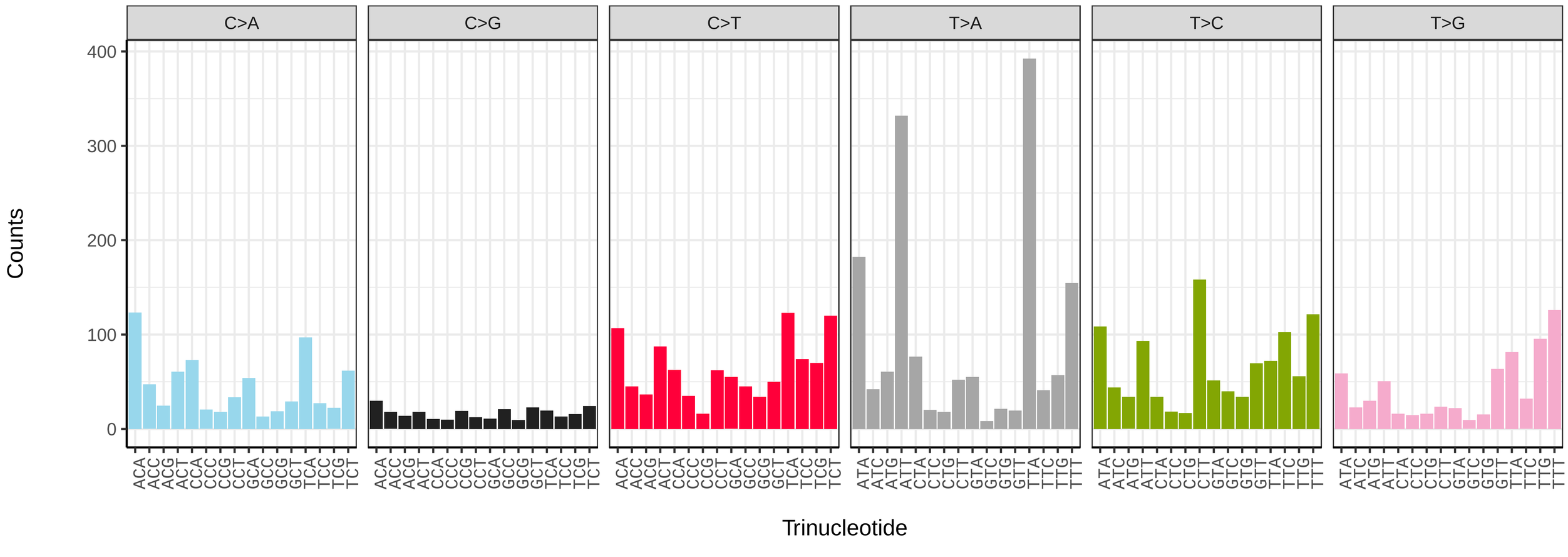
Poecilobothrus nobilitatus (idPoeNobi2) somatic mutational spectrum (SBS52 classification)



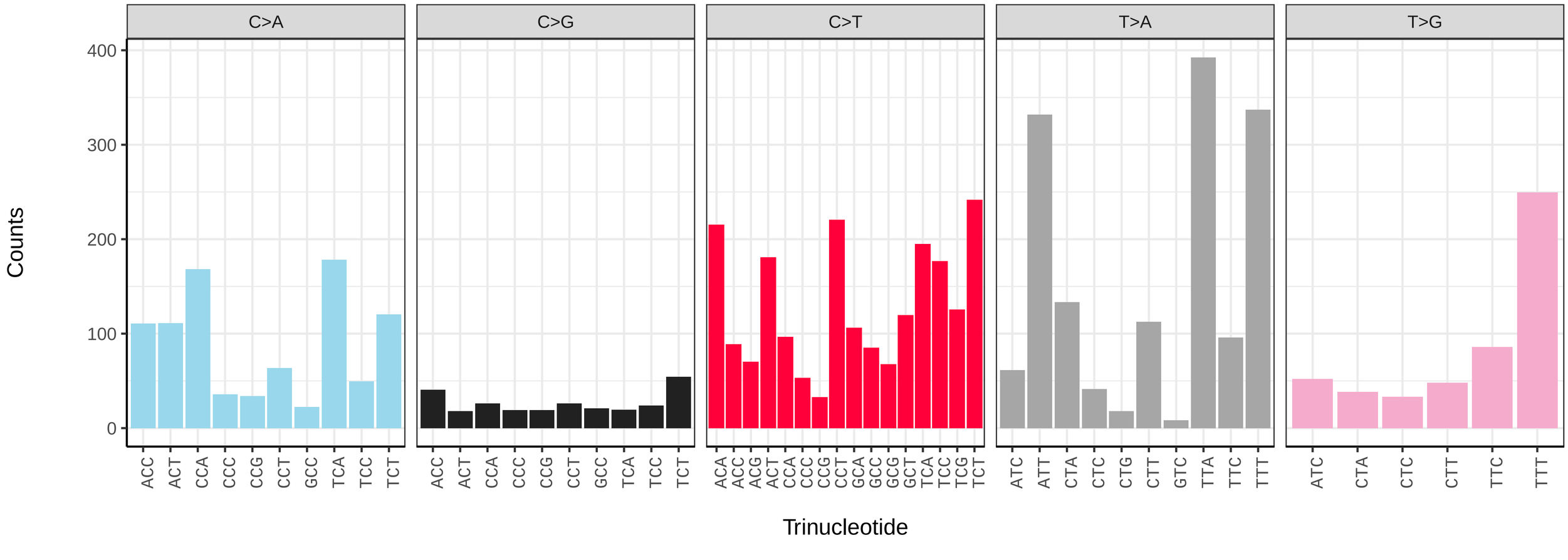
Pollenia amentaria (idPolAmen1) germline mutational spectrum



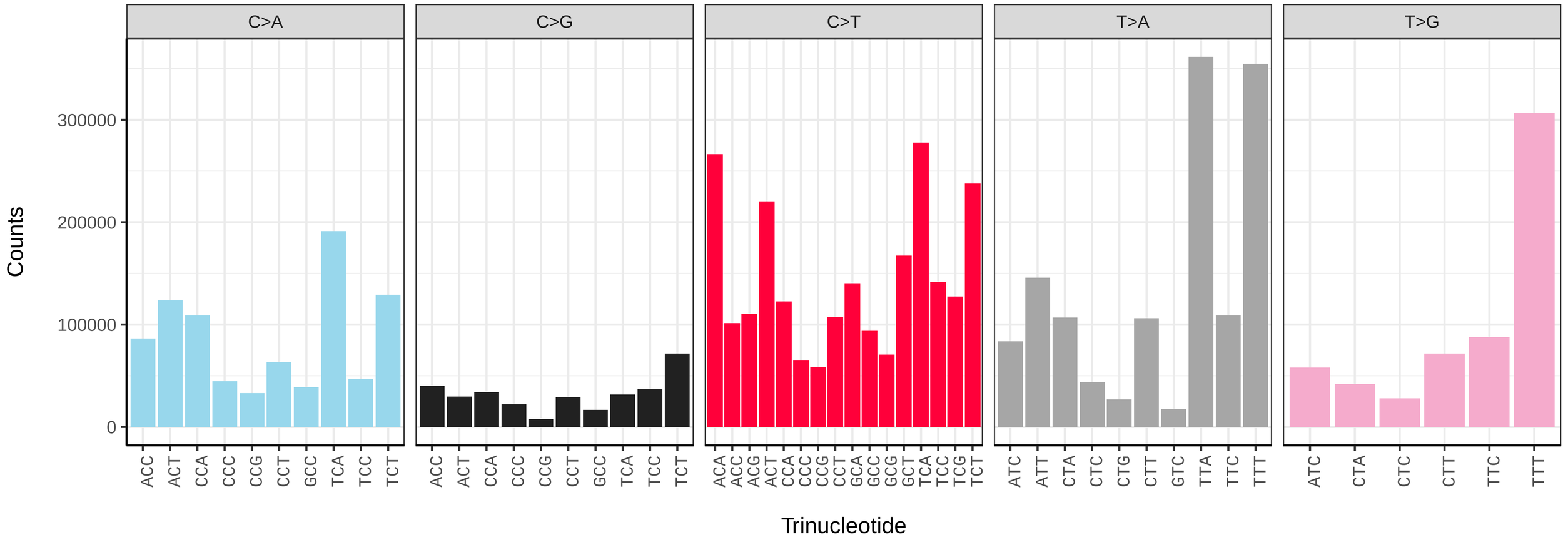
Pollenia amentaria (idPolAmen1) somatic mutational spectrum (SBS96 classification)



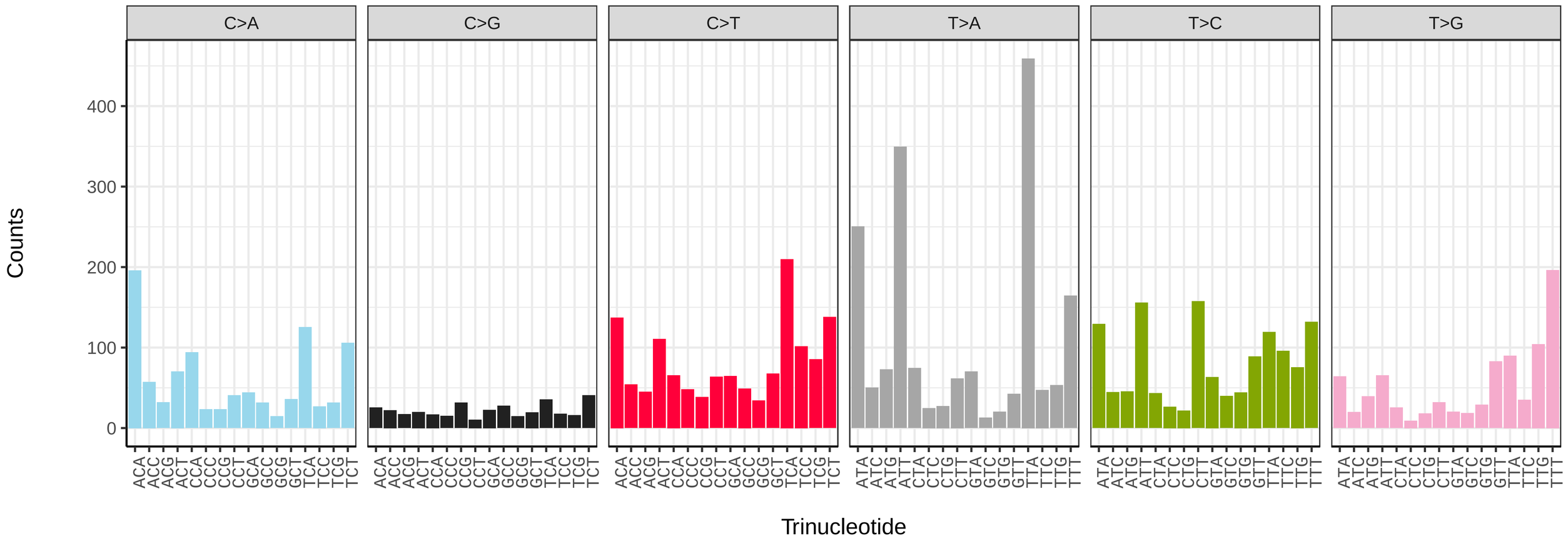
Pollenia amentaria (idPolAmen1) somatic mutational spectrum (SBS52 classification)



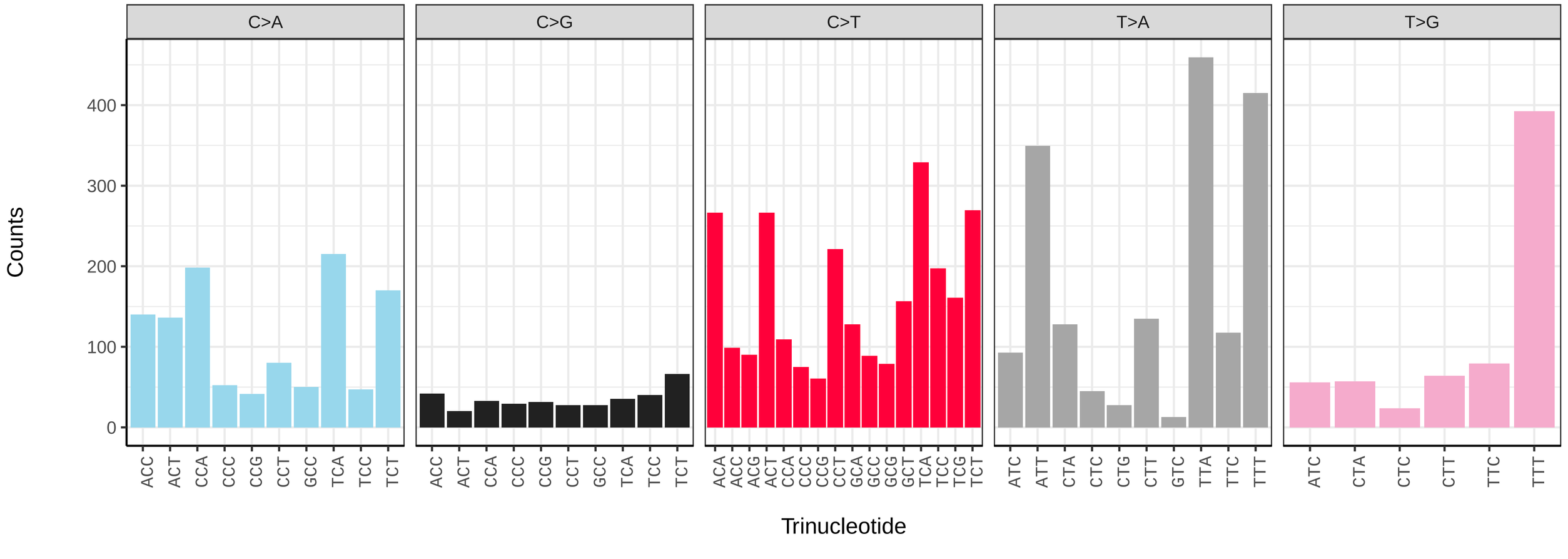
Pollenia angustigena (idPolAngu1) germline mutational spectrum



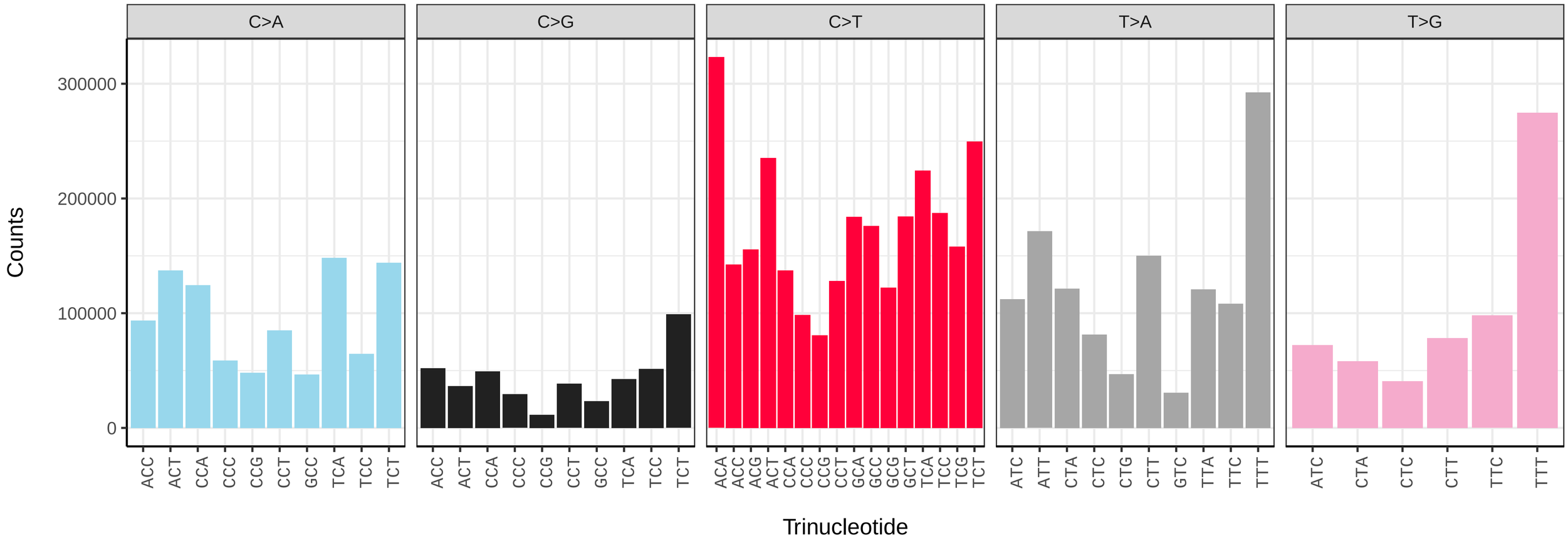
Pollenia angustigena (idPolAngu1) somatic mutational spectrum (SBS96 classification)



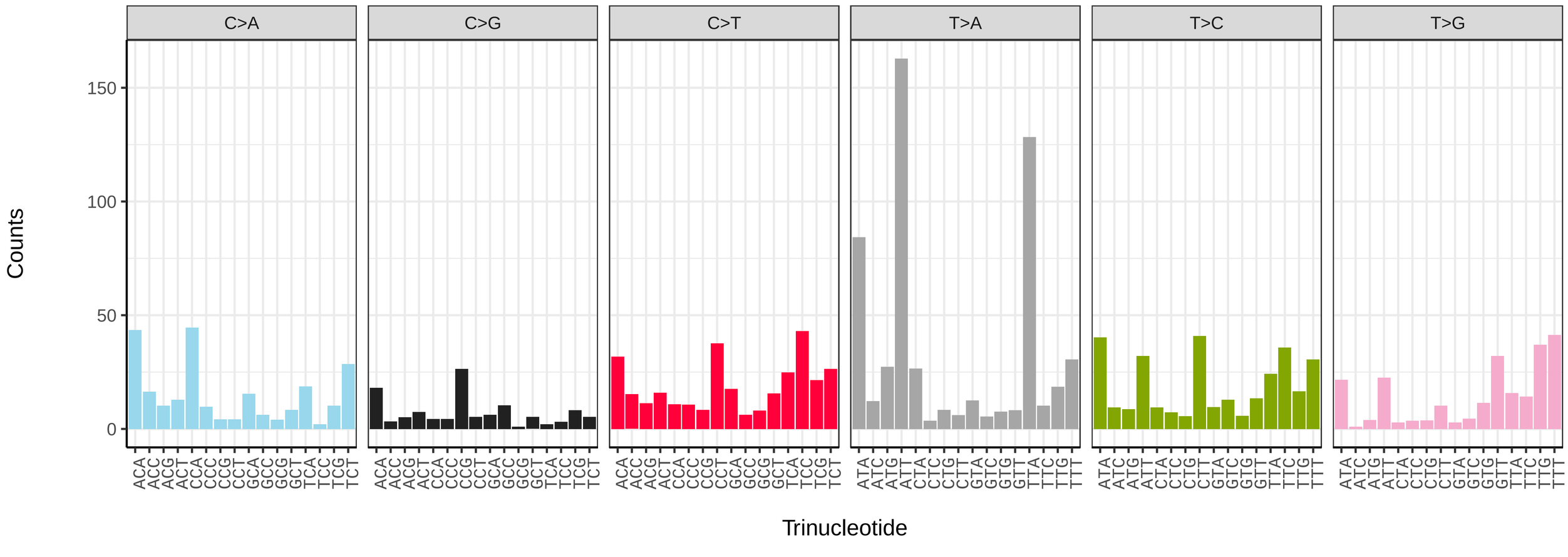
Pollenia angustigena (idPolAngu1) somatic mutational spectrum (SBS52 classification)



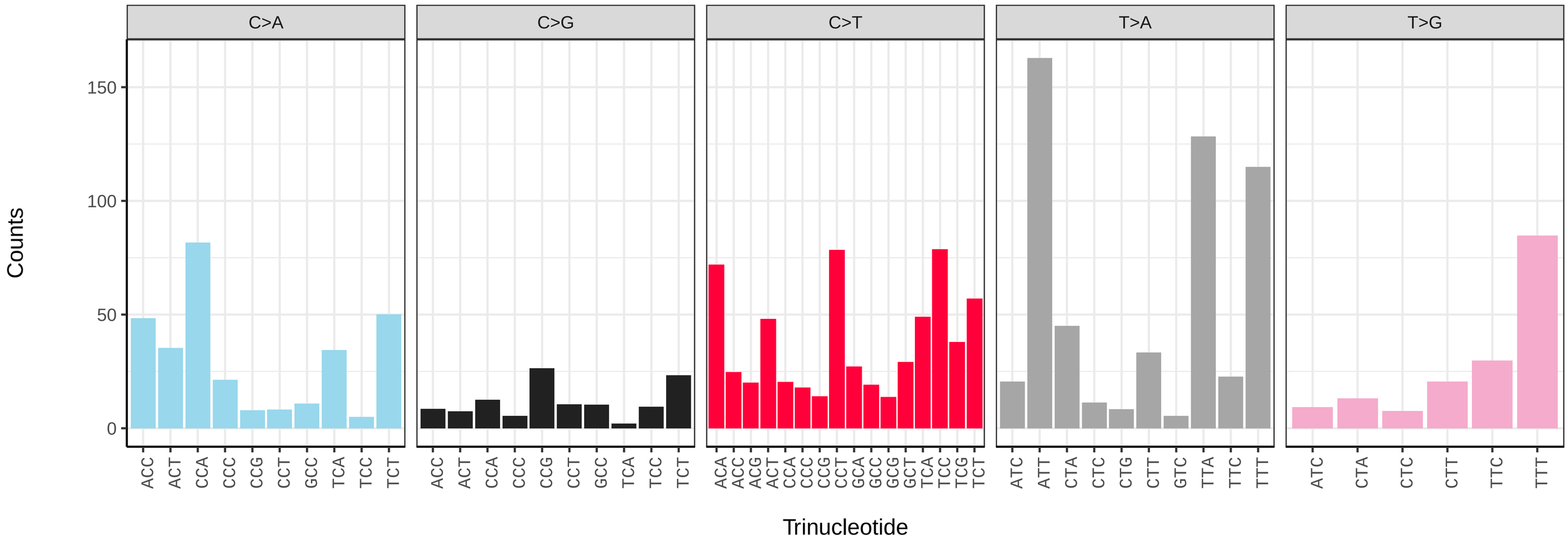
Polietes domitor (idPolDomi1) germline mutational spectrum



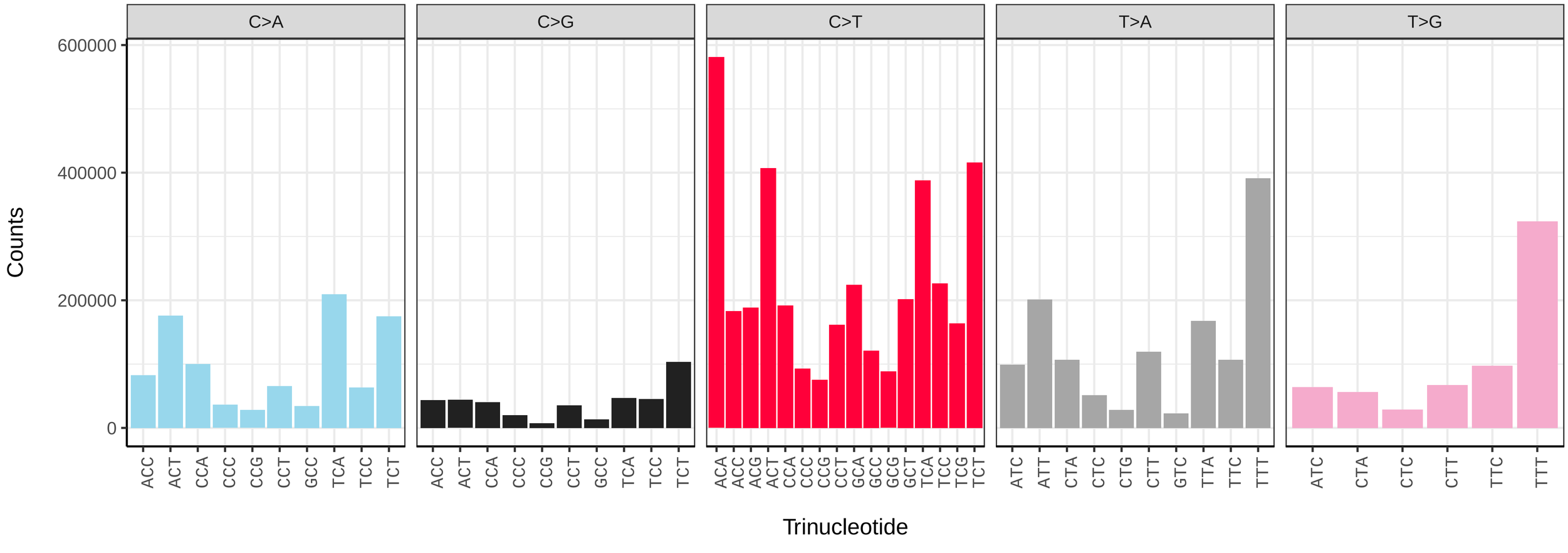
Polietes domitor (idPolDomi1) somatic mutational spectrum (SBS96 classification)



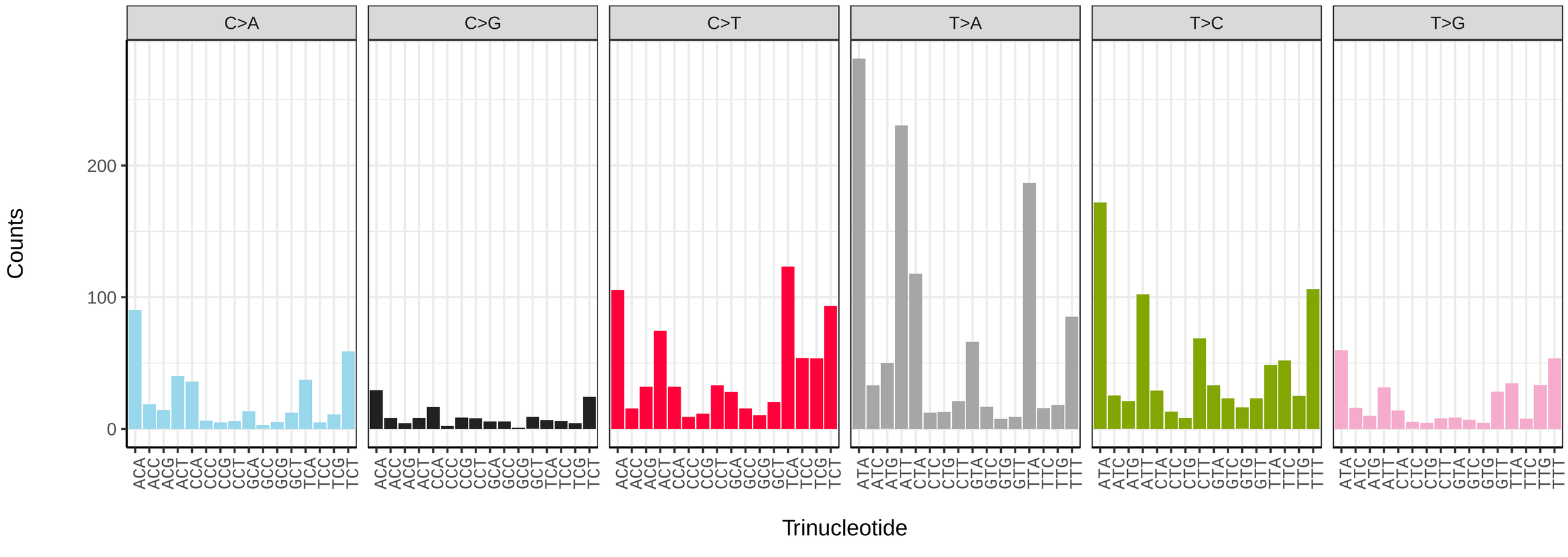
Polietes domitor (idPolDomi1) somatic mutational spectrum (SBS52 classification)



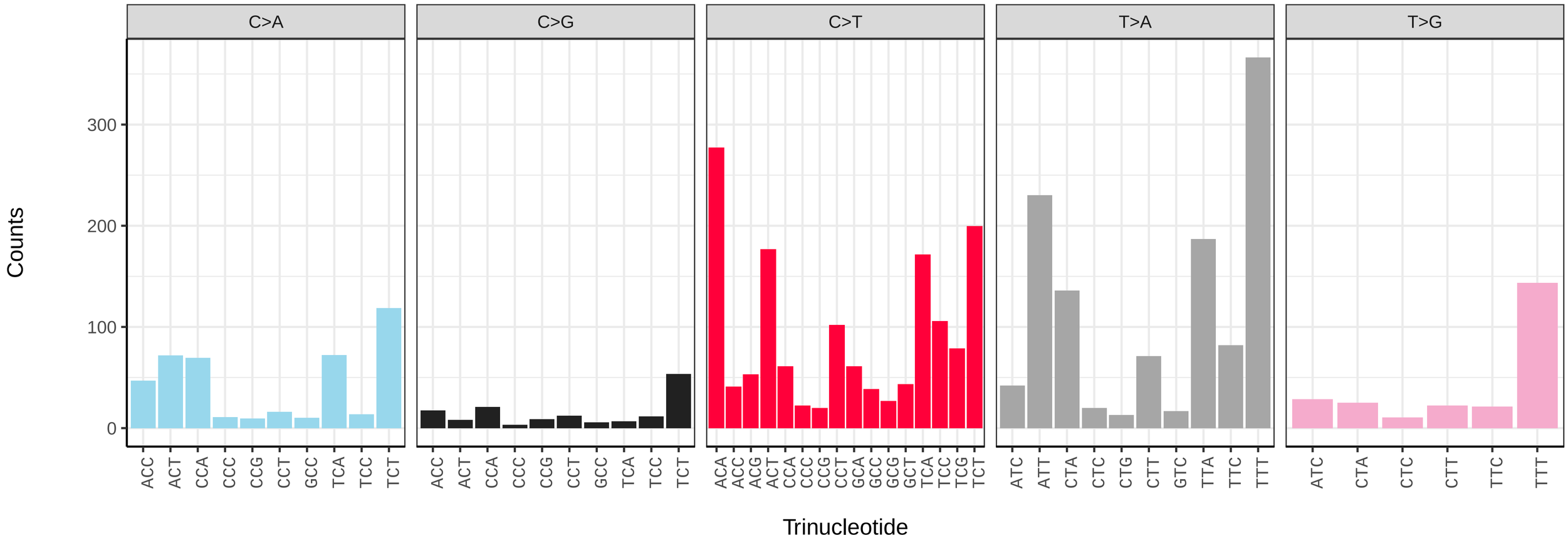
Protocalliphora azurea (idProAzur1) germline mutational spectrum



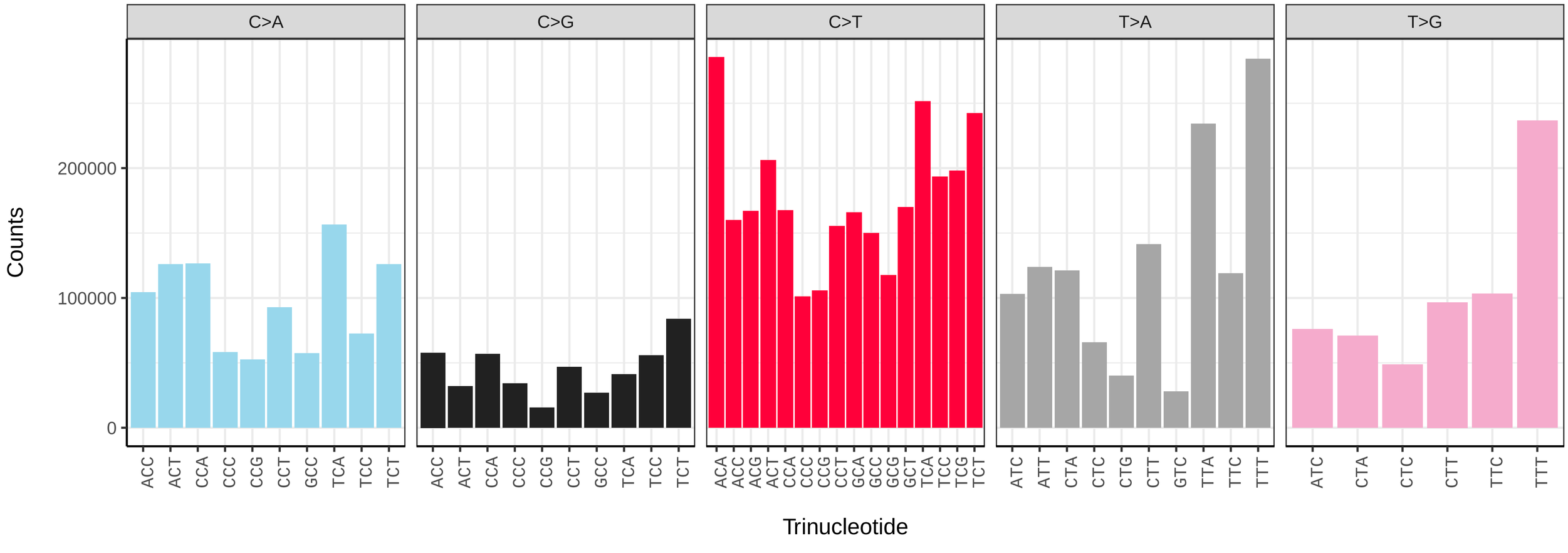
Protocalliphora azurea (idProAzur1) somatic mutational spectrum (SBS96 classification)



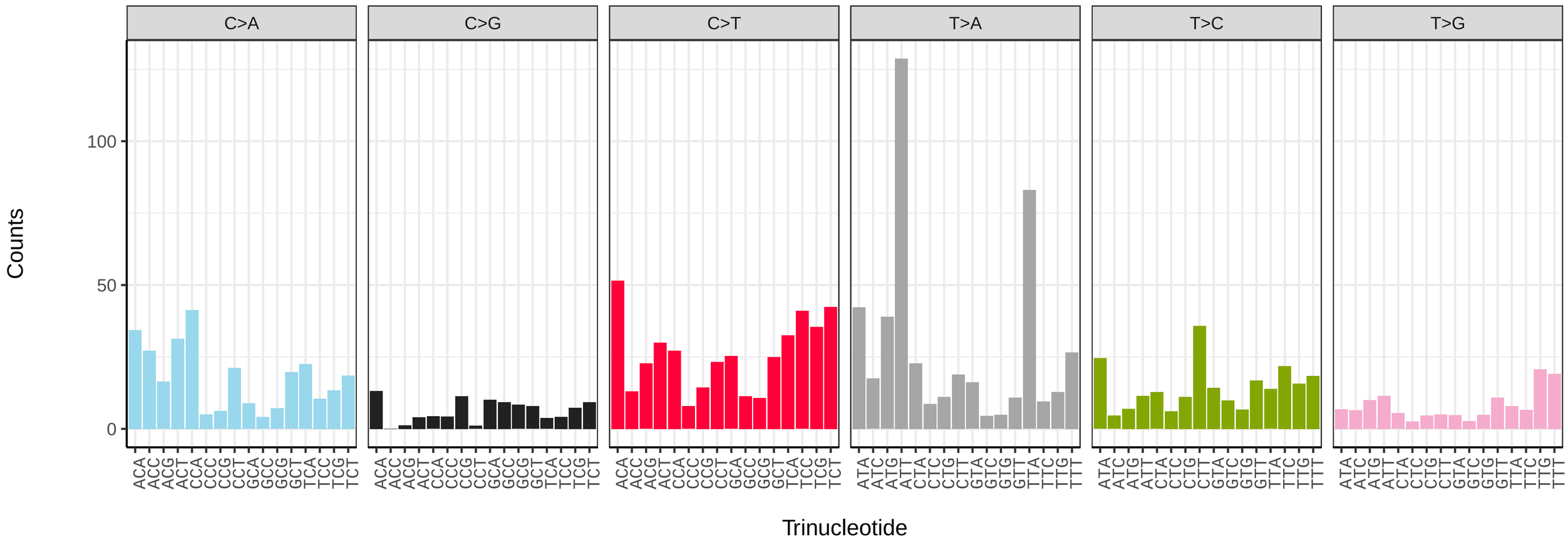
Protocalliphora azurea (idProAzur1) somatic mutational spectrum (SBS52 classification)



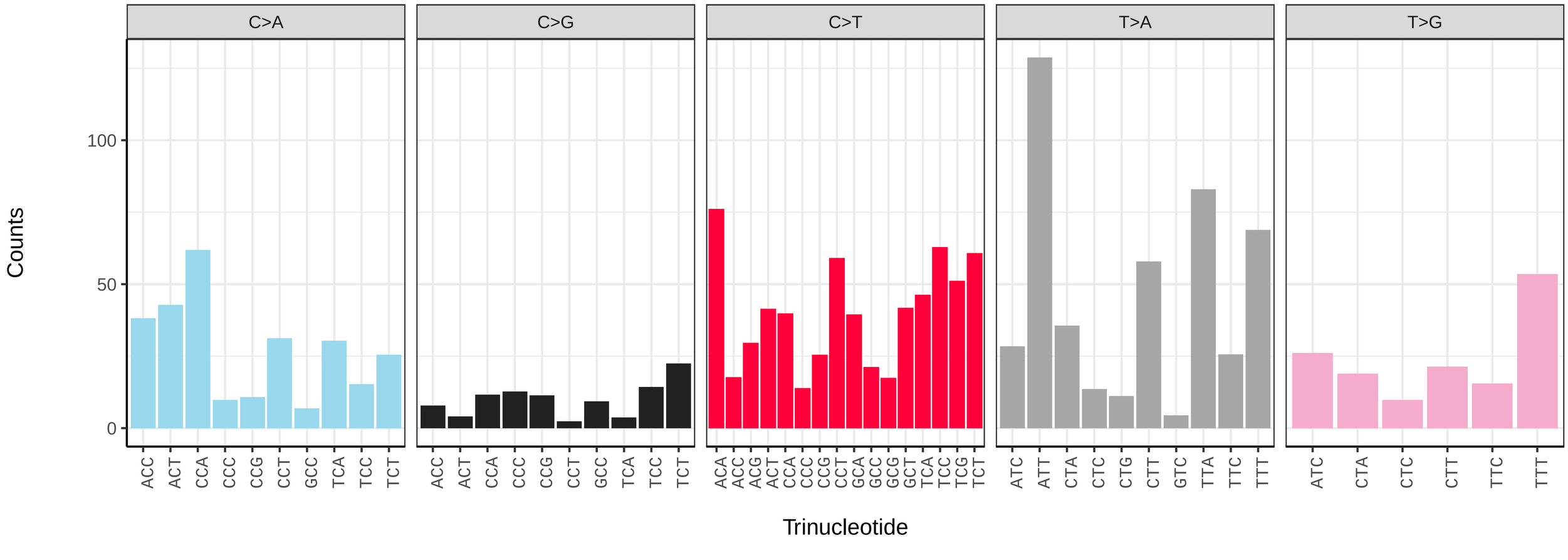
Rhingia campestris (idRhiCamp1) germline mutational spectrum



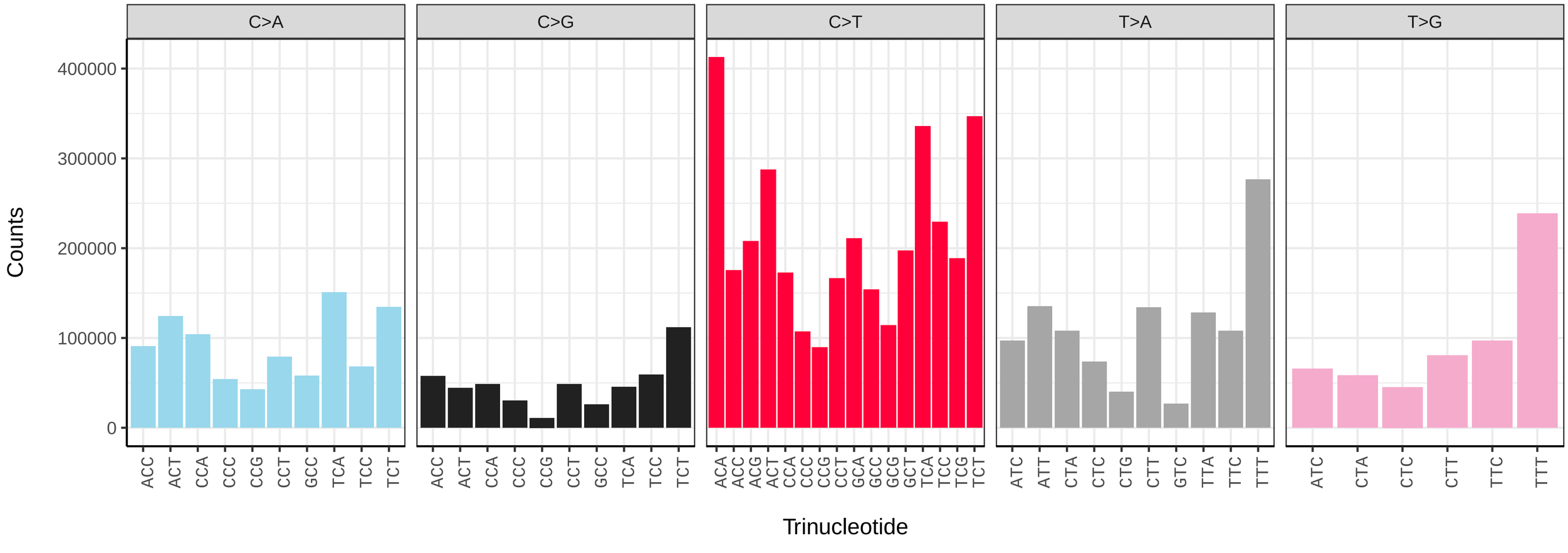
Rhingia campestris (idRhiCamp1) somatic mutational spectrum (SBS96 classification)



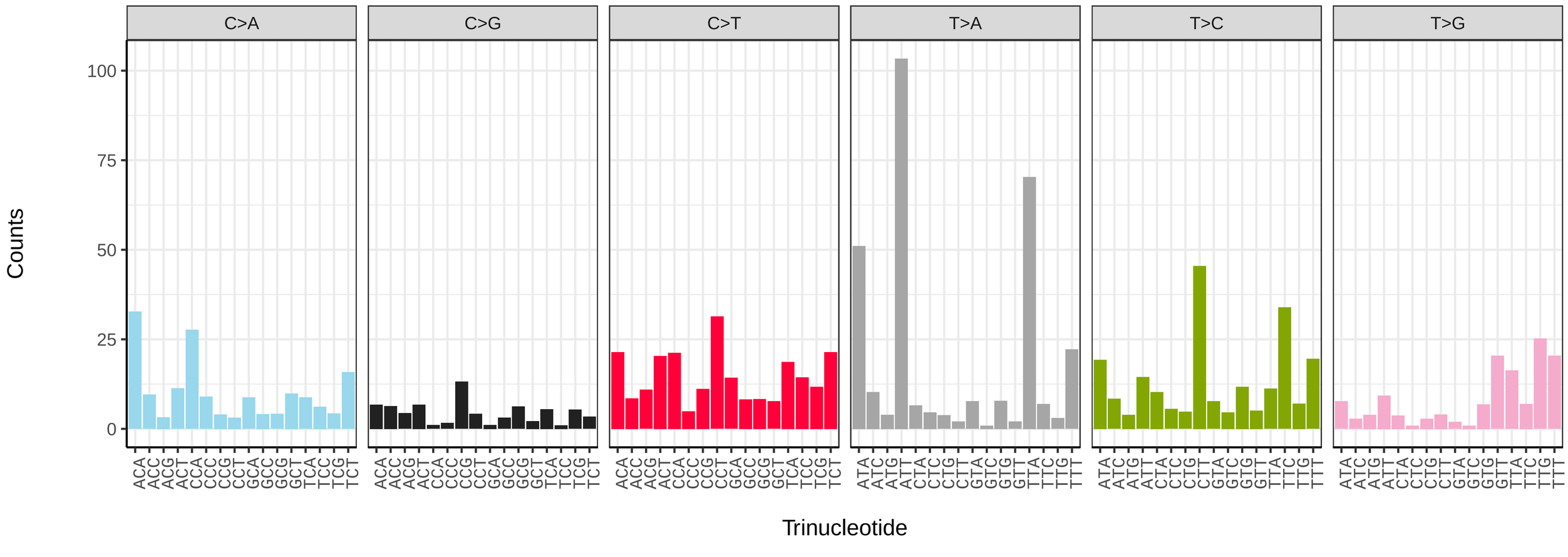
Rhingia campestris (idRhiCamp1) somatic mutational spectrum (SBS52 classification)



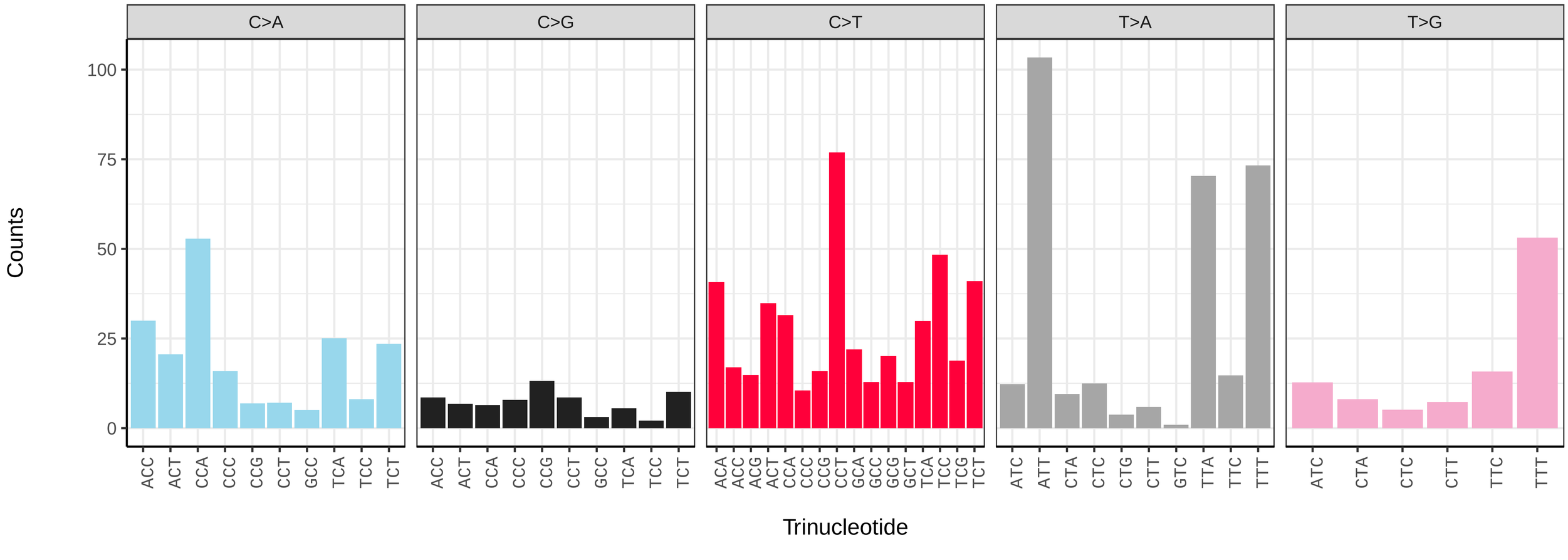
Sarcophaga caerulescens (idSarCaer1) germline mutational spectrum



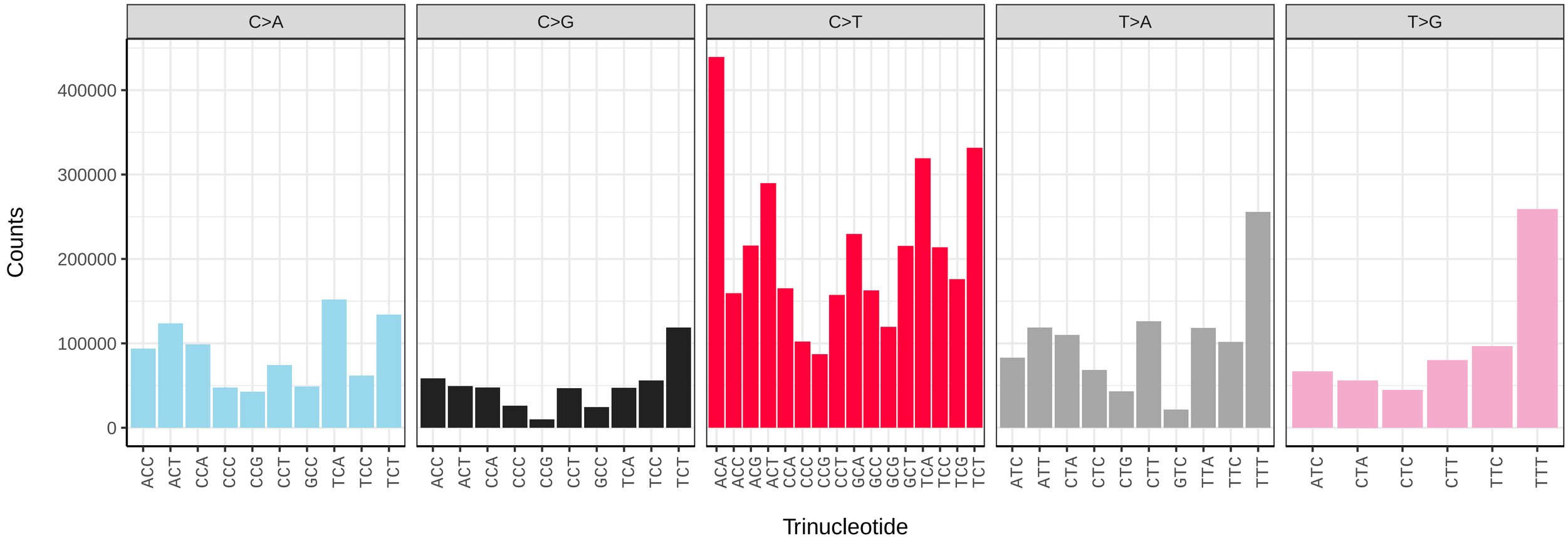
Sarcophaga caerulescens (idSarCaer1) somatic mutational spectrum (SBS96 classification)



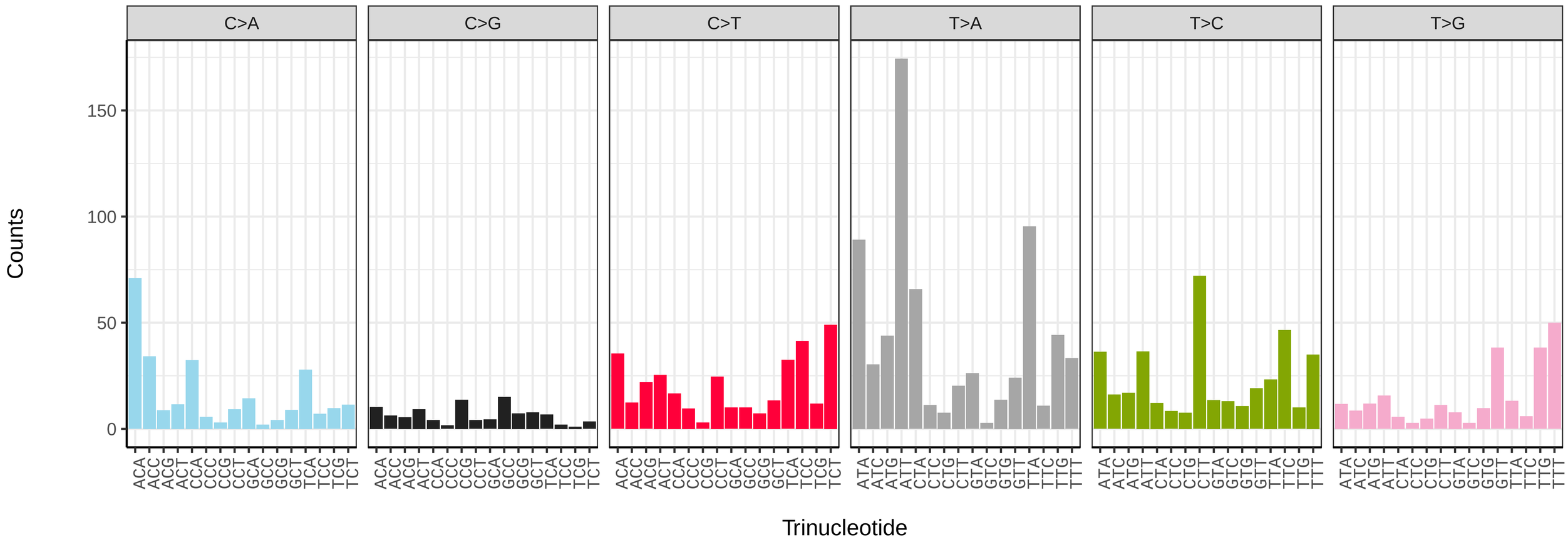
Sarcophaga caerulescens (idSarCaer1) somatic mutational spectrum (SBS52 classification)



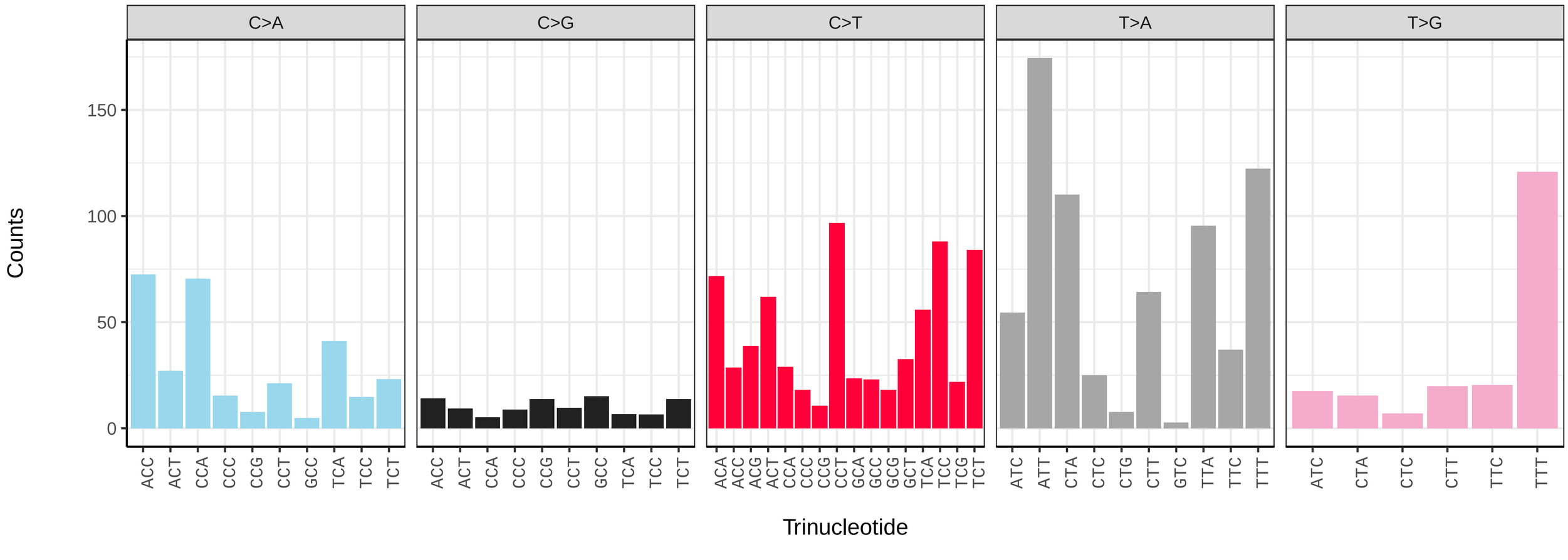
Sarcophaga rosellei (idSarRose1) germline mutational spectrum



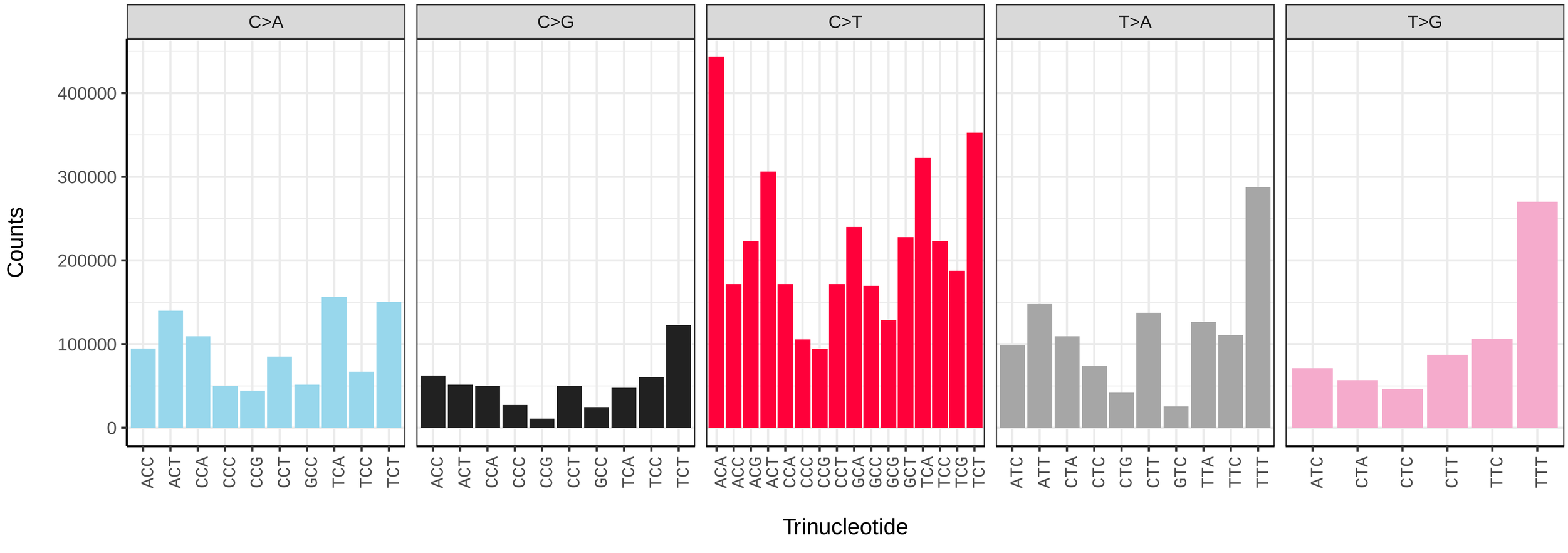
Sarcophaga rosellei (idSarRose1) somatic mutational spectrum (SBS96 classification)



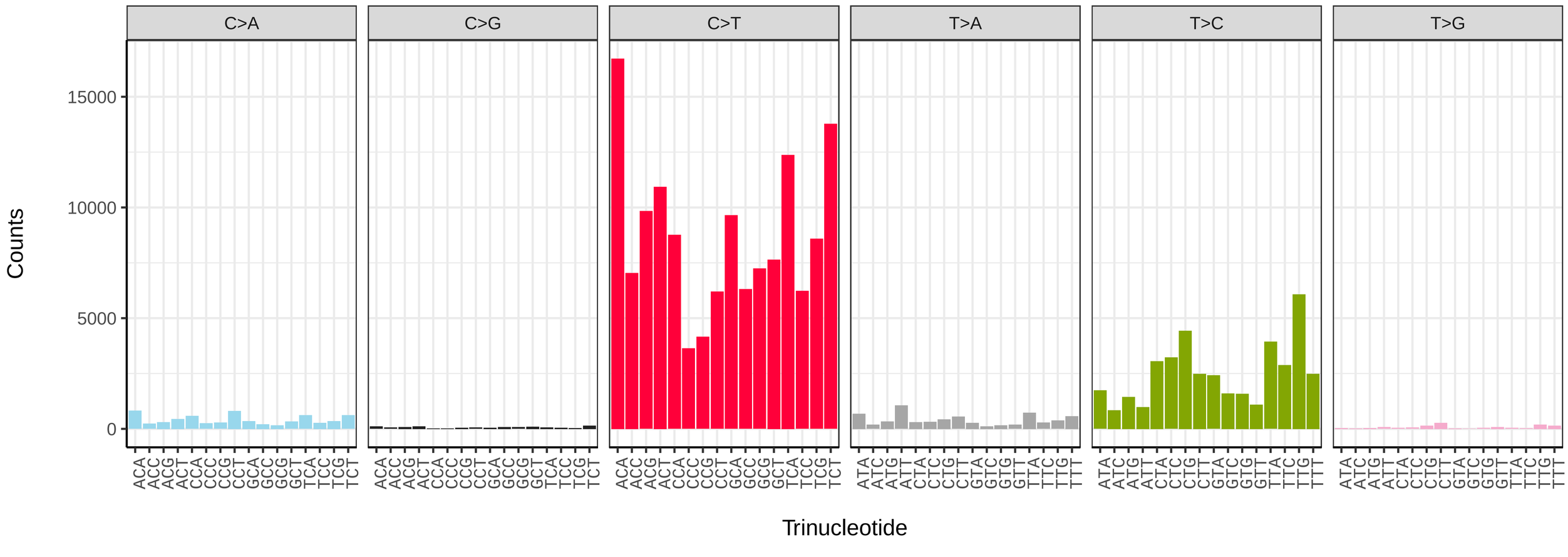
Sarcophaga rosellei (idSarRose1) somatic mutational spectrum (SBS52 classification)



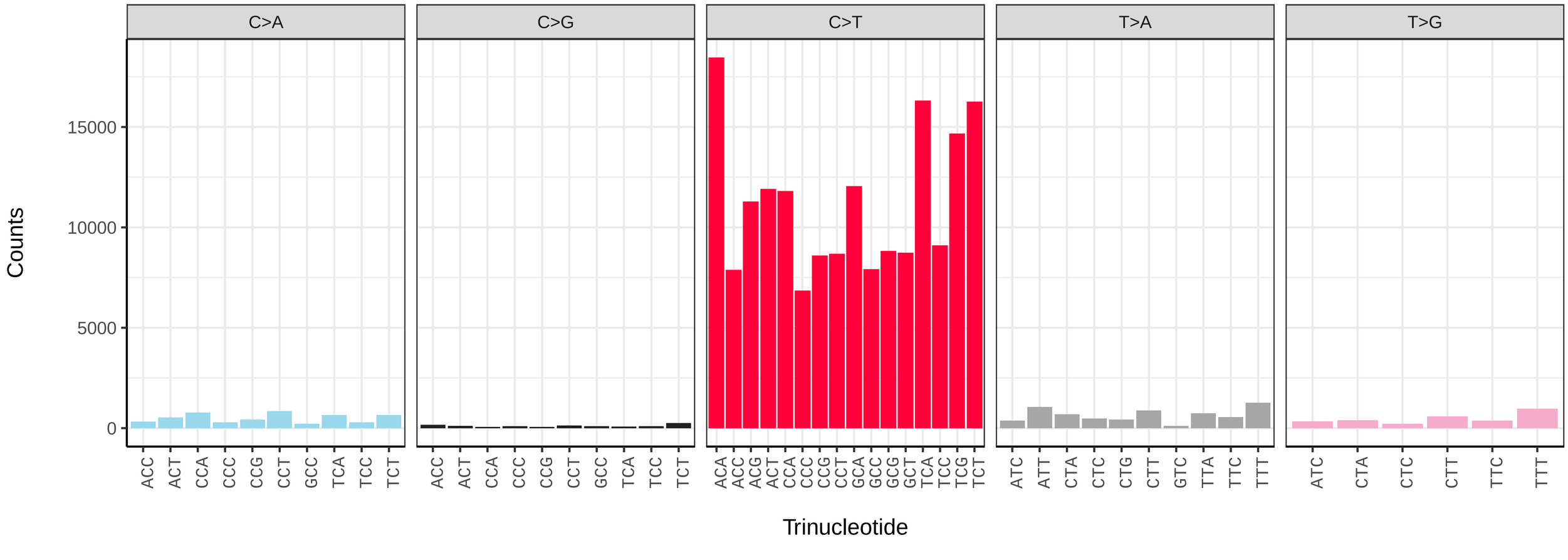
Sarcophaga subvicina (idSarSubv1) germline mutational spectrum



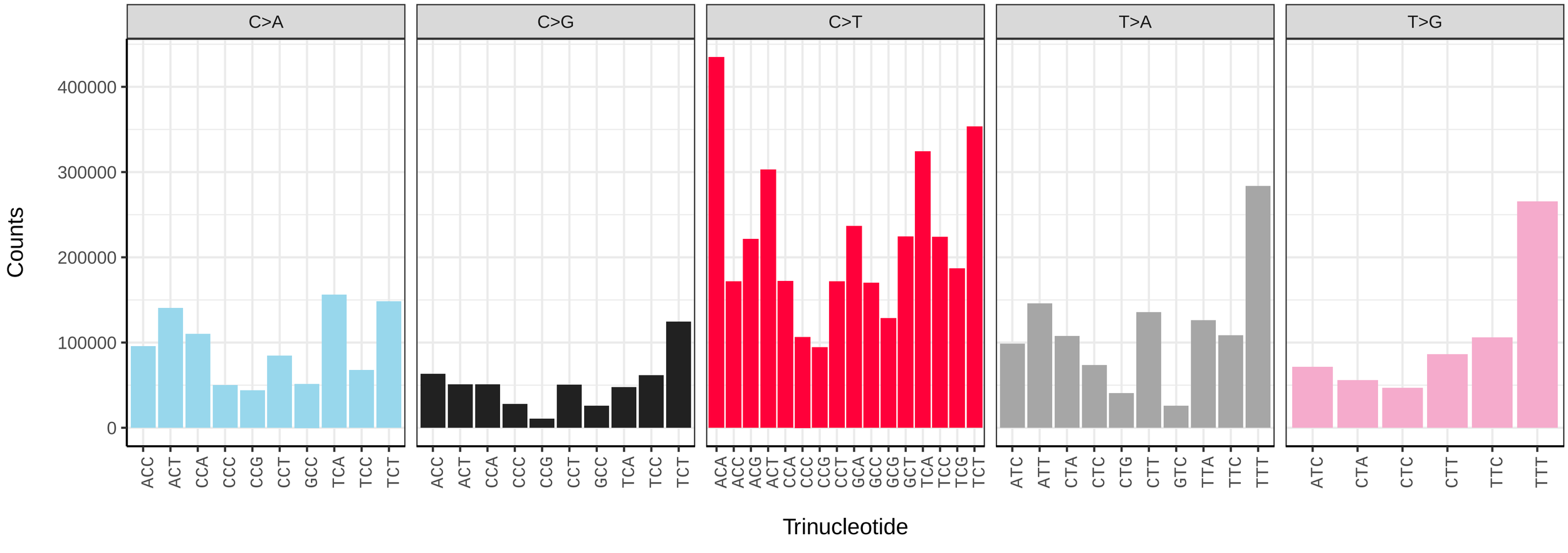
Sarcophaga subvicina (idSarSubv1) somatic mutational spectrum (SBS96 classification)



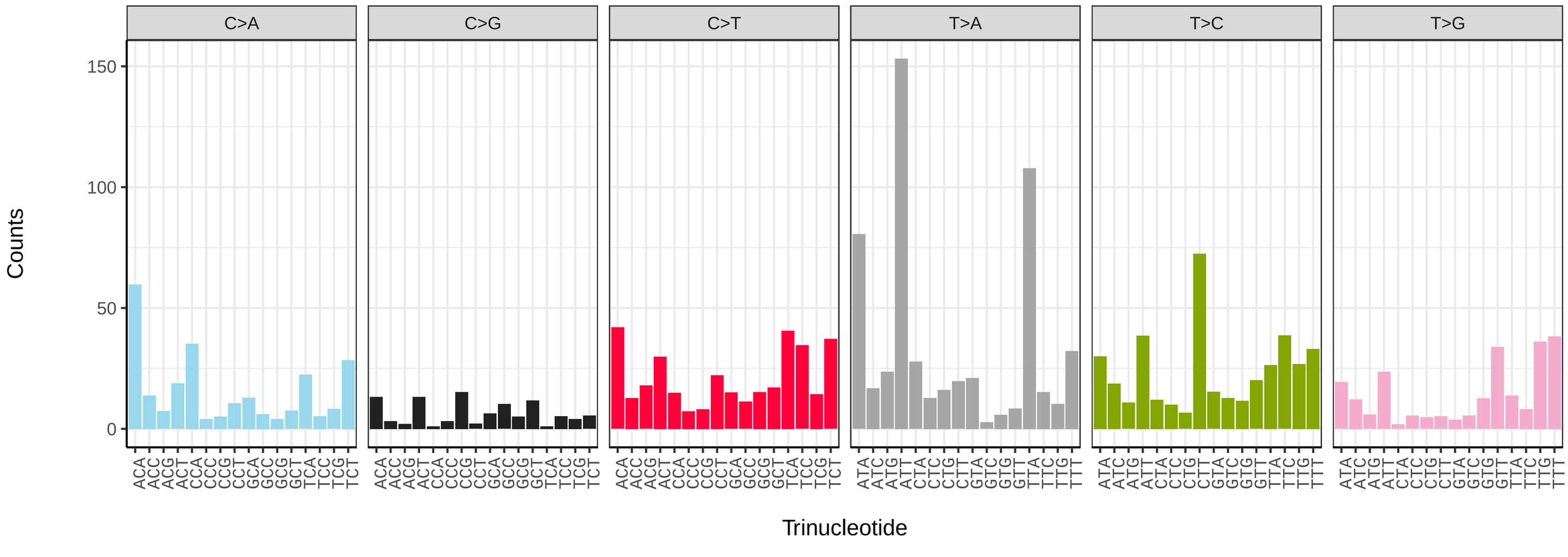
Sarcophaga subvicina (idSarSubv1) somatic mutational spectrum (SBS52 classification)



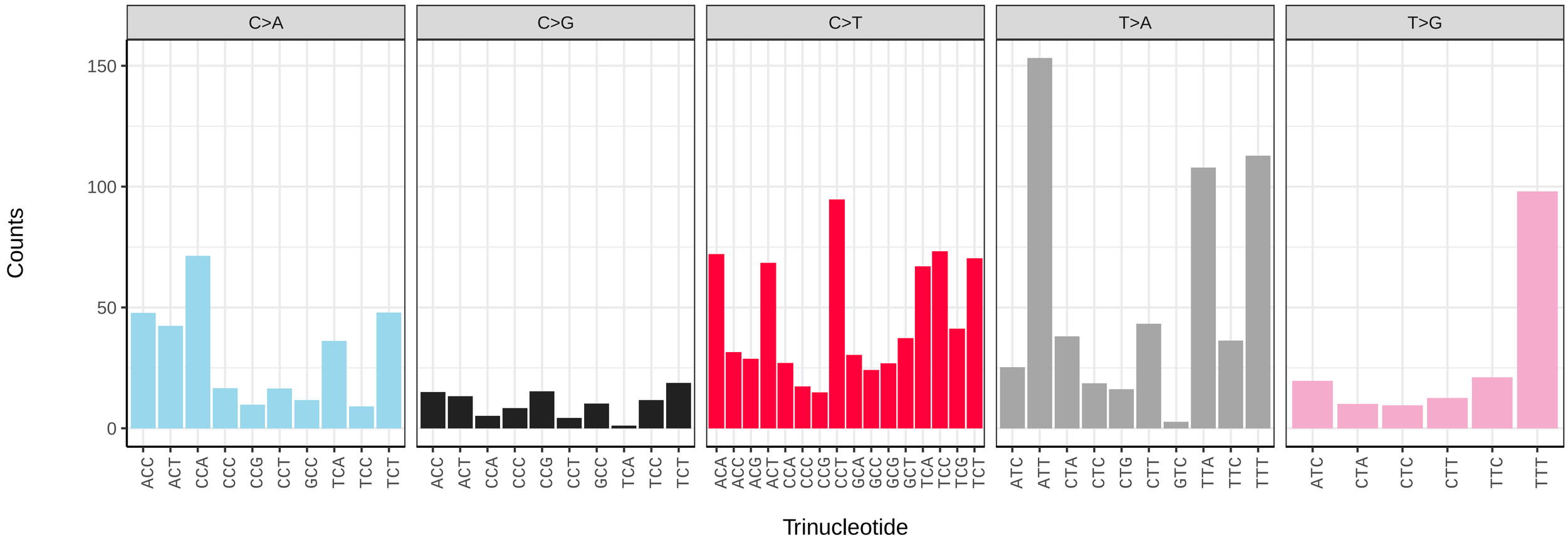
Sarcophaga variegata (idSarVari1) germline mutational spectrum



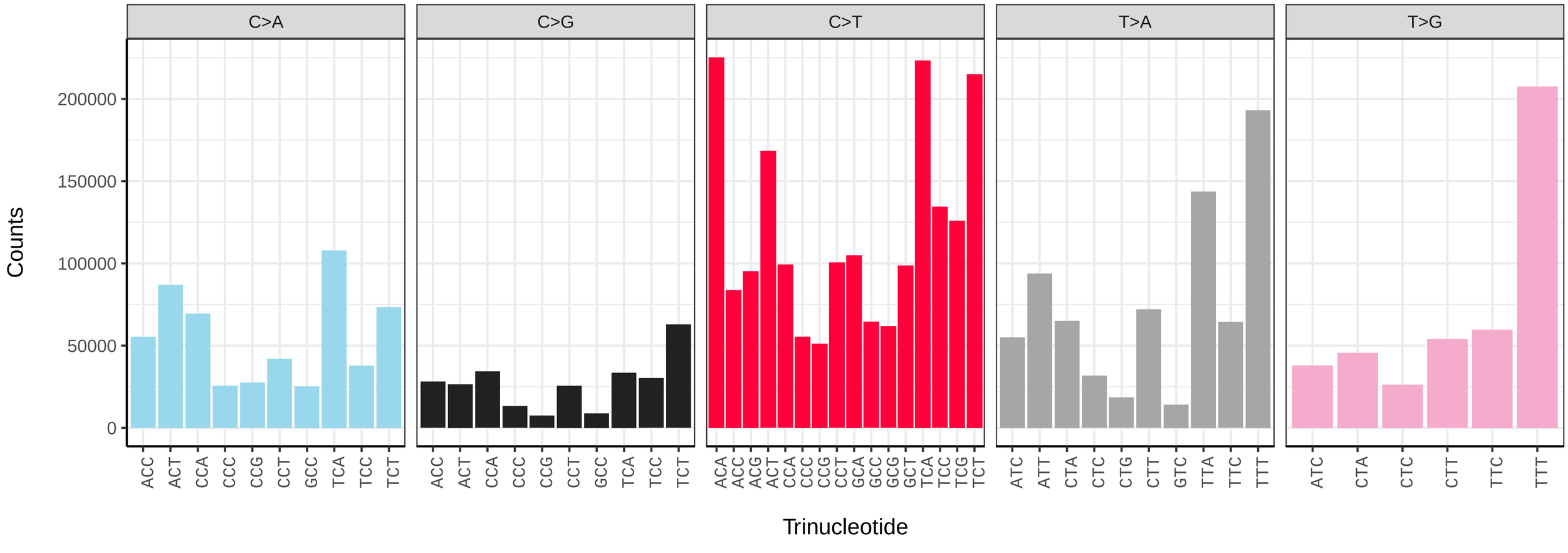
Sarcophaga variegata (idSarVari1) somatic mutational spectrum (SBS96 classification)



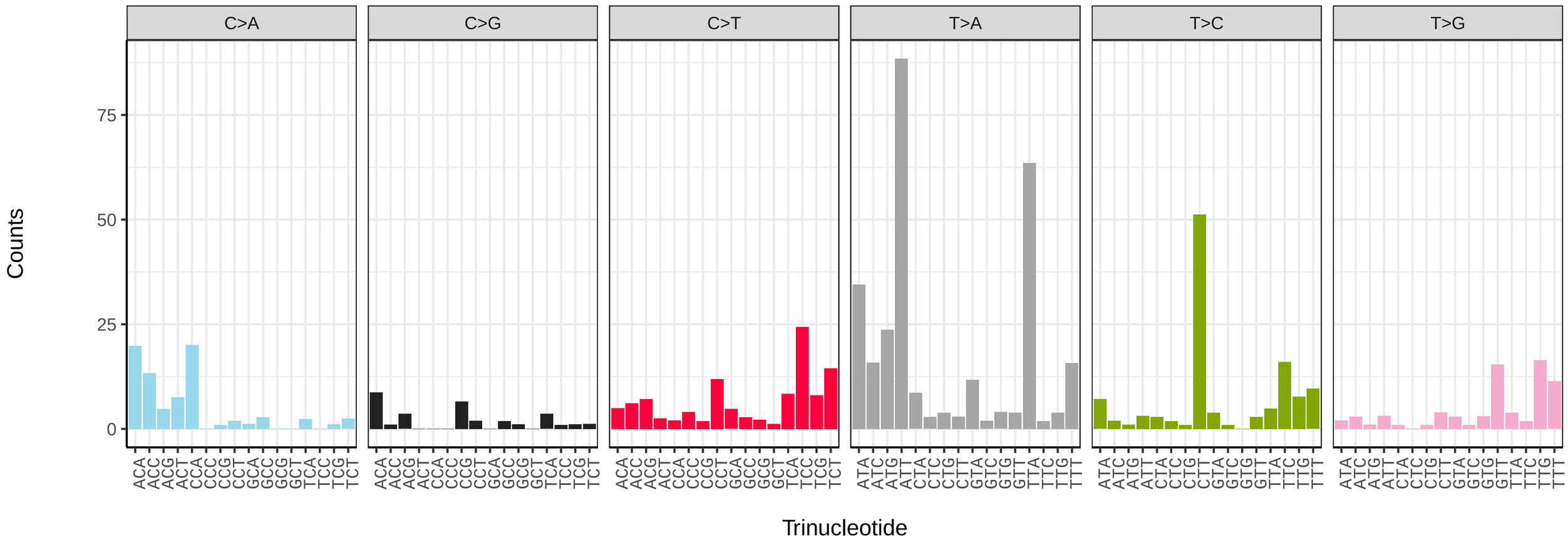
Sarcophaga variegata (idSarVari1) somatic mutational spectrum (SBS52 classification)



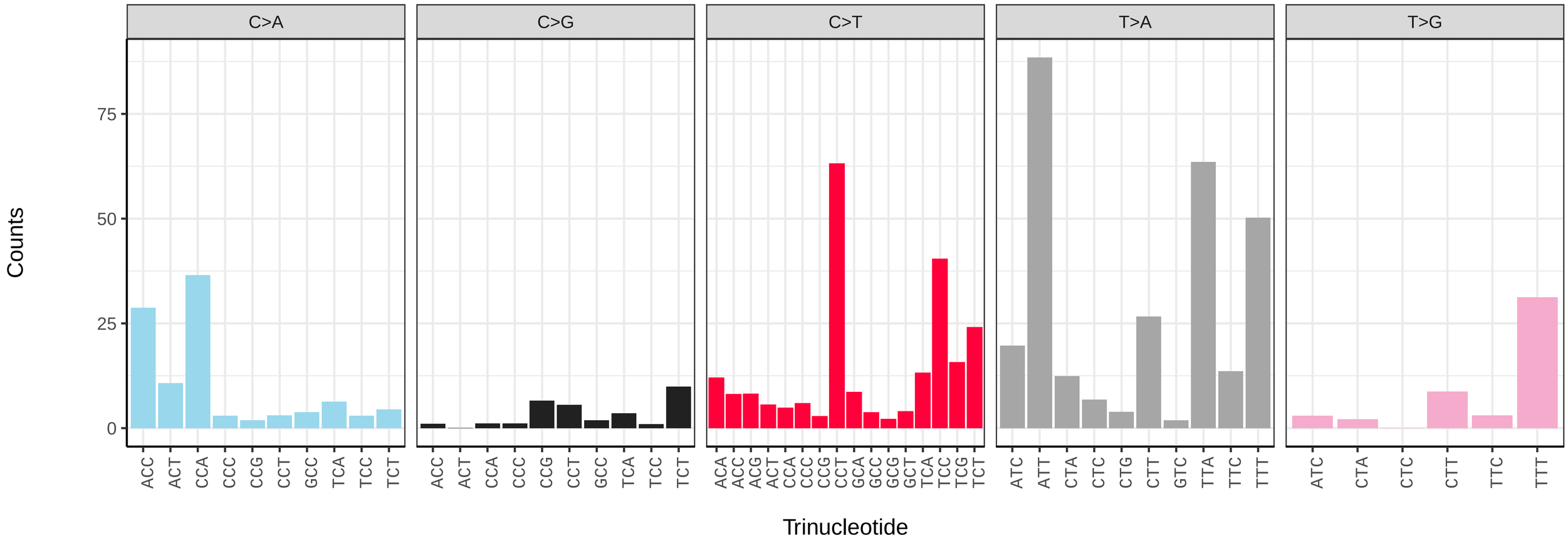
Scaeva pyrastri (idScaPyra1) germline mutational spectrum



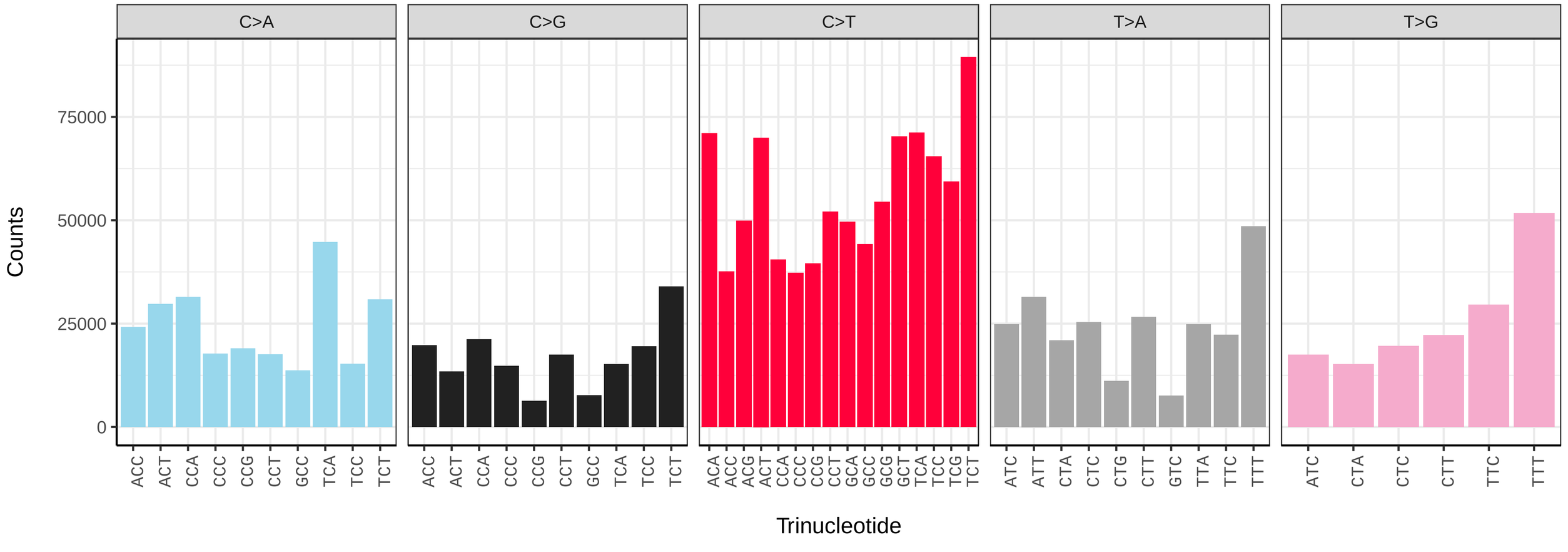
Scaeva pyrastri (idScaPyra1) somatic mutational spectrum (SBS96 classification)



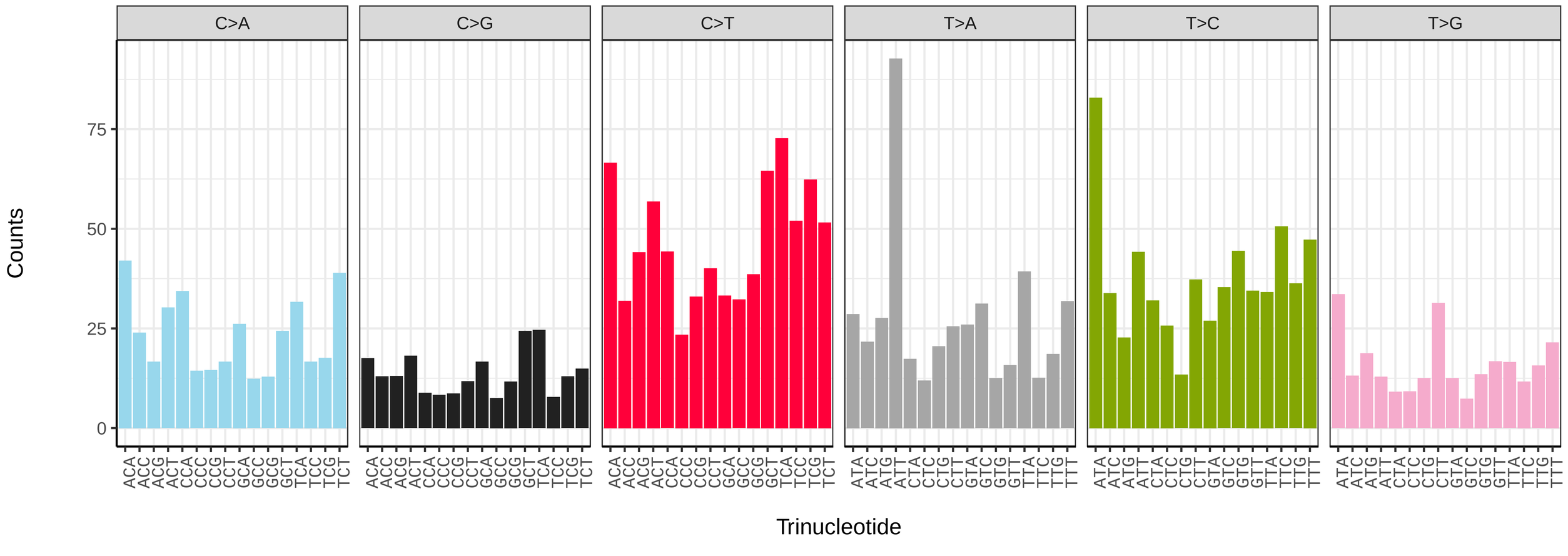
Scaeva pyrastri (idScaPyra1) somatic mutational spectrum (SBS52 classification)



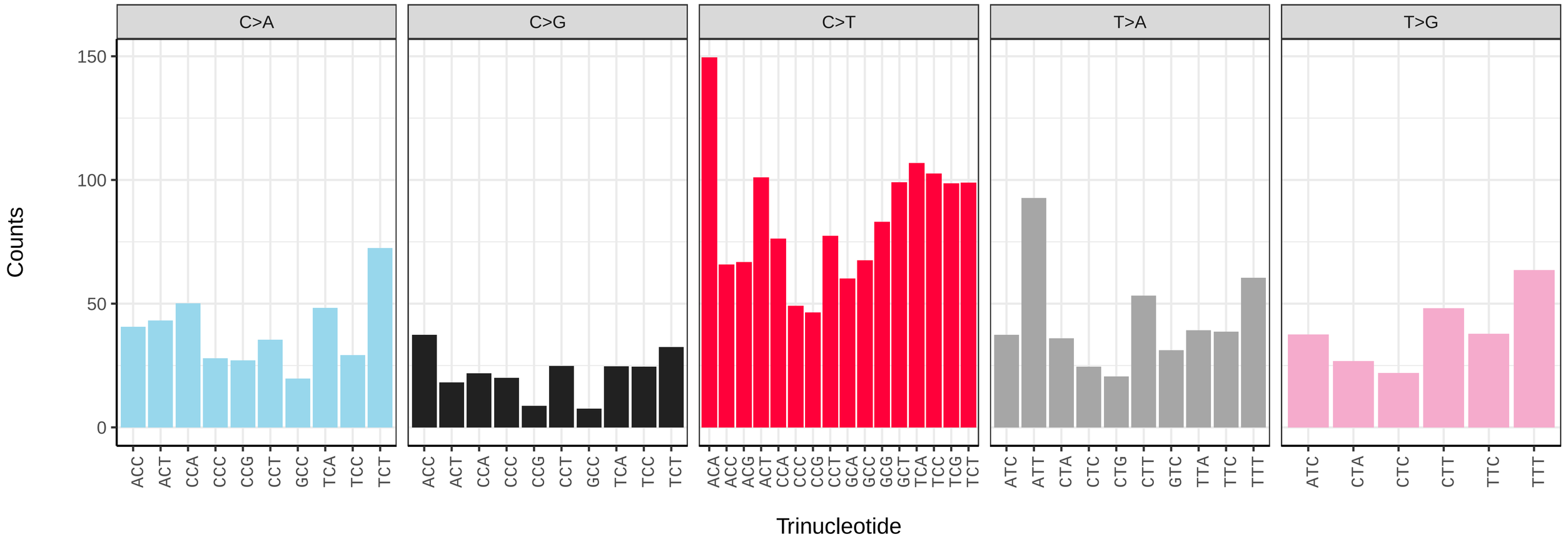
Sicus ferrugineus (idSicFerr1) germline mutational spectrum



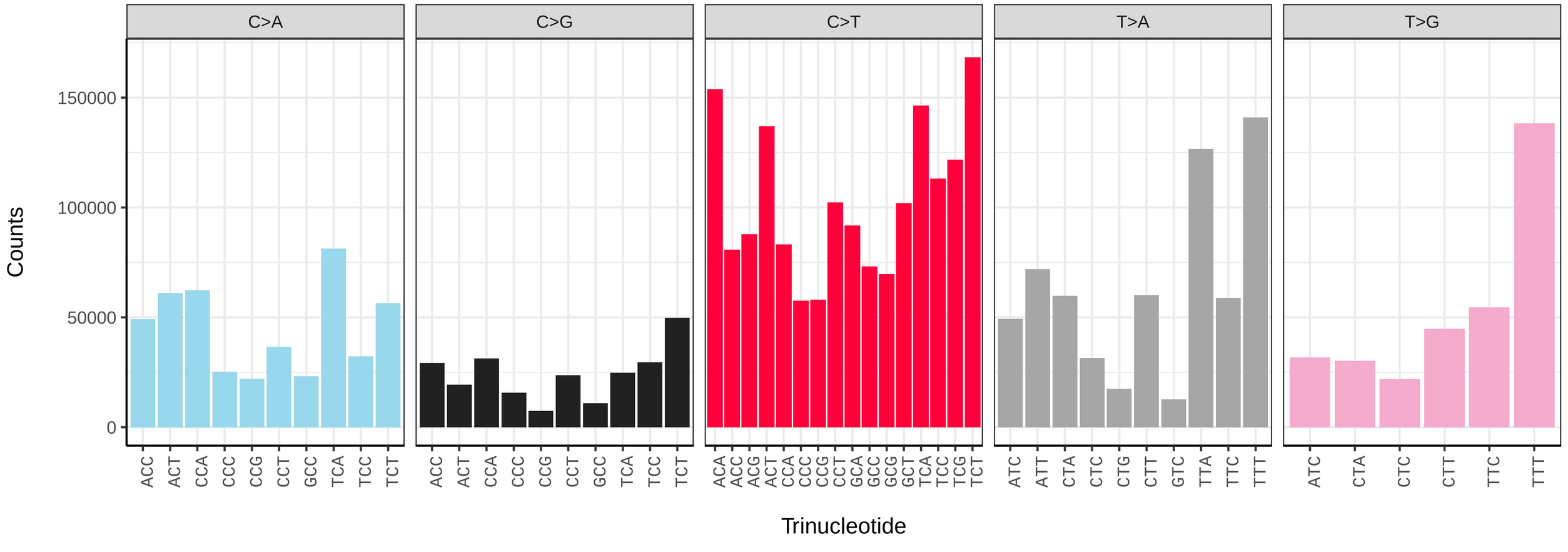
Sicus ferrugineus (idSicFerr1) somatic mutational spectrum (SBS96 classification)



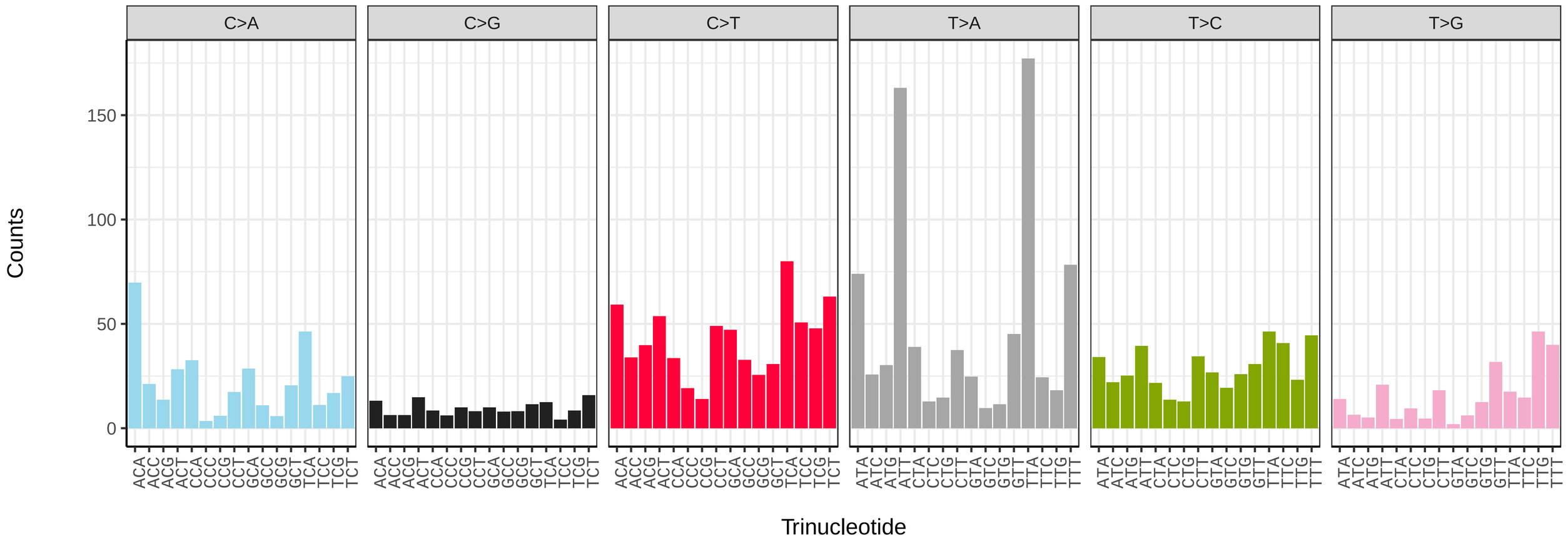
Sicus ferrugineus (idSicFerr1) somatic mutational spectrum (SBS52 classification)



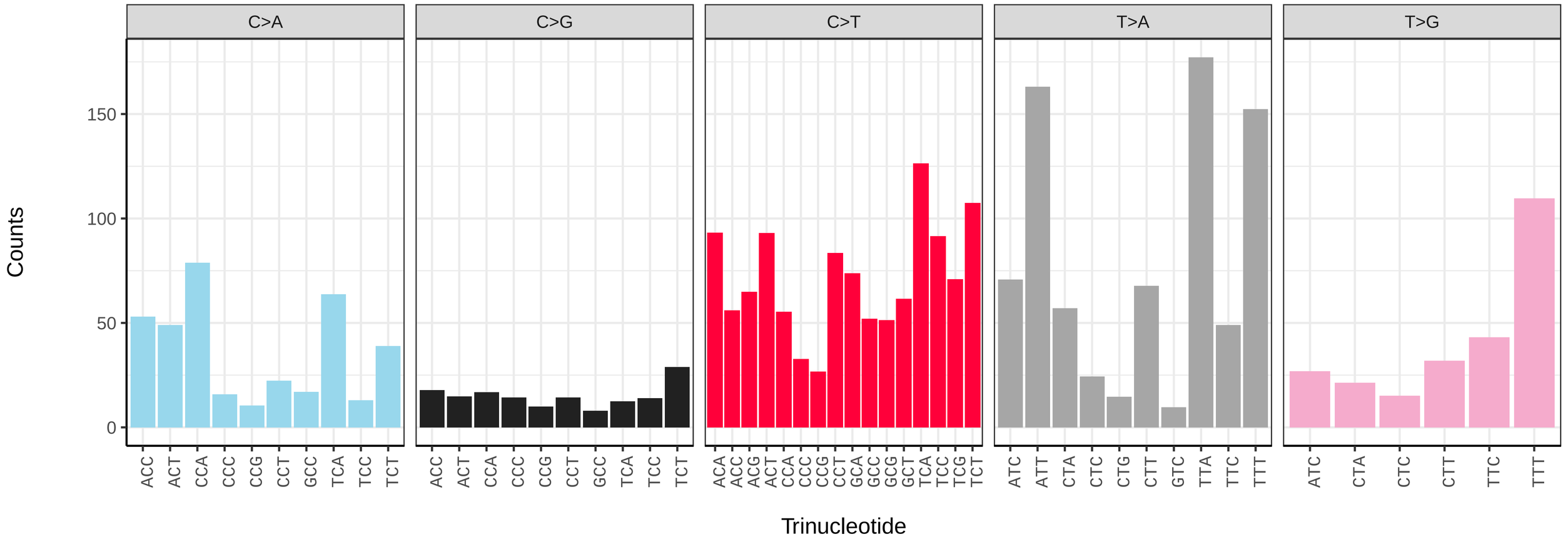
Sphaerophoria taeniata (idSphTaen1) germline mutational spectrum



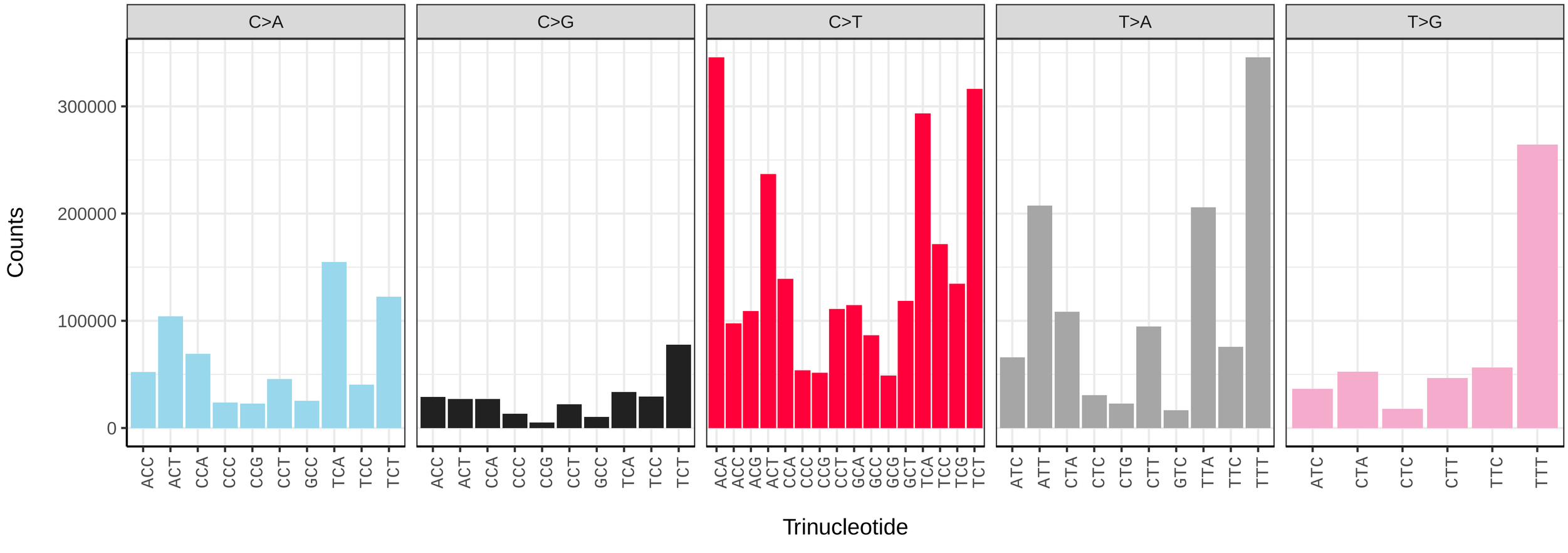
Sphaerophoria taeniata (idSphTaen1) somatic mutational spectrum (SBS96 classification)



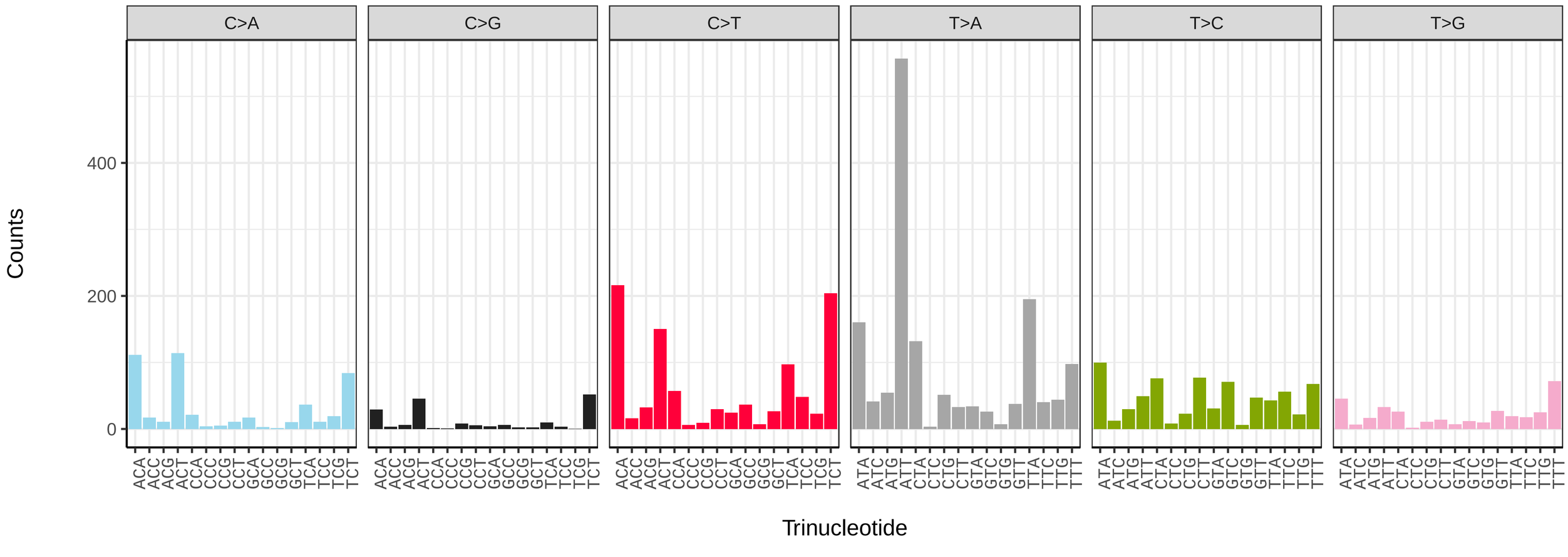
Sphaerophoria taeniata (idSphTaen1) somatic mutational spectrum (SBS52 classification)



Stomorhina lunata (idStoLuna1) germline mutational spectrum



Stomorhina lunata (idStoLuna1) somatic mutational spectrum (SBS96 classification)



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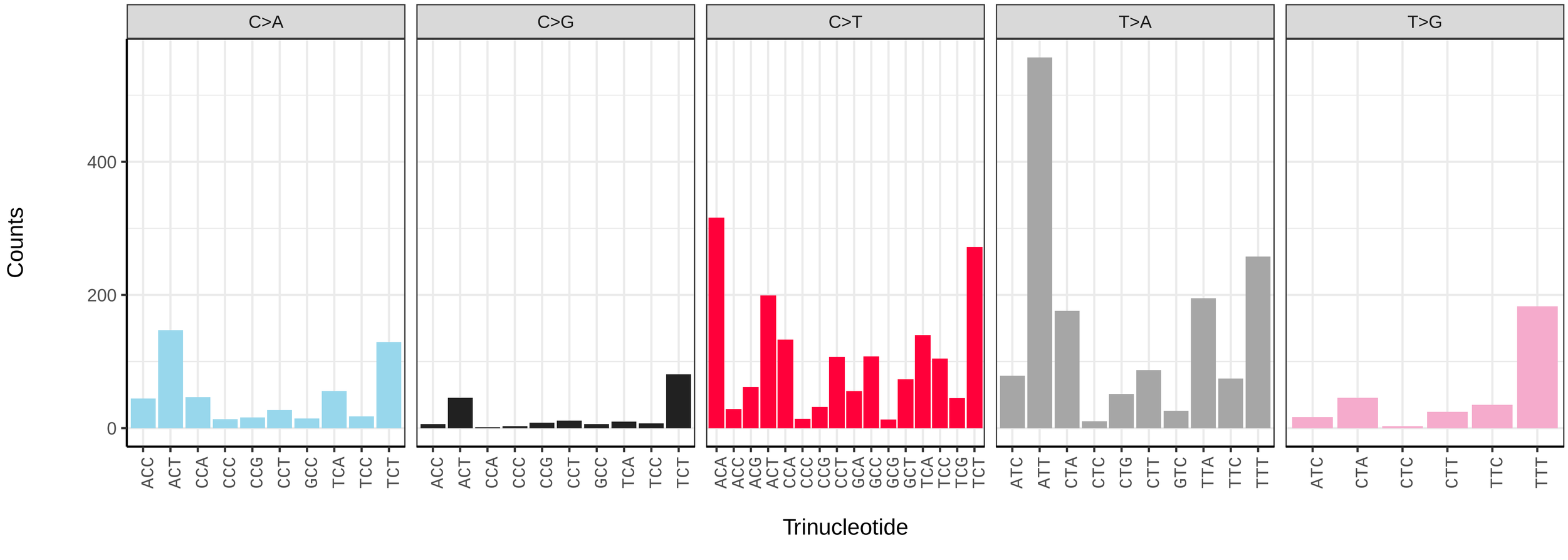
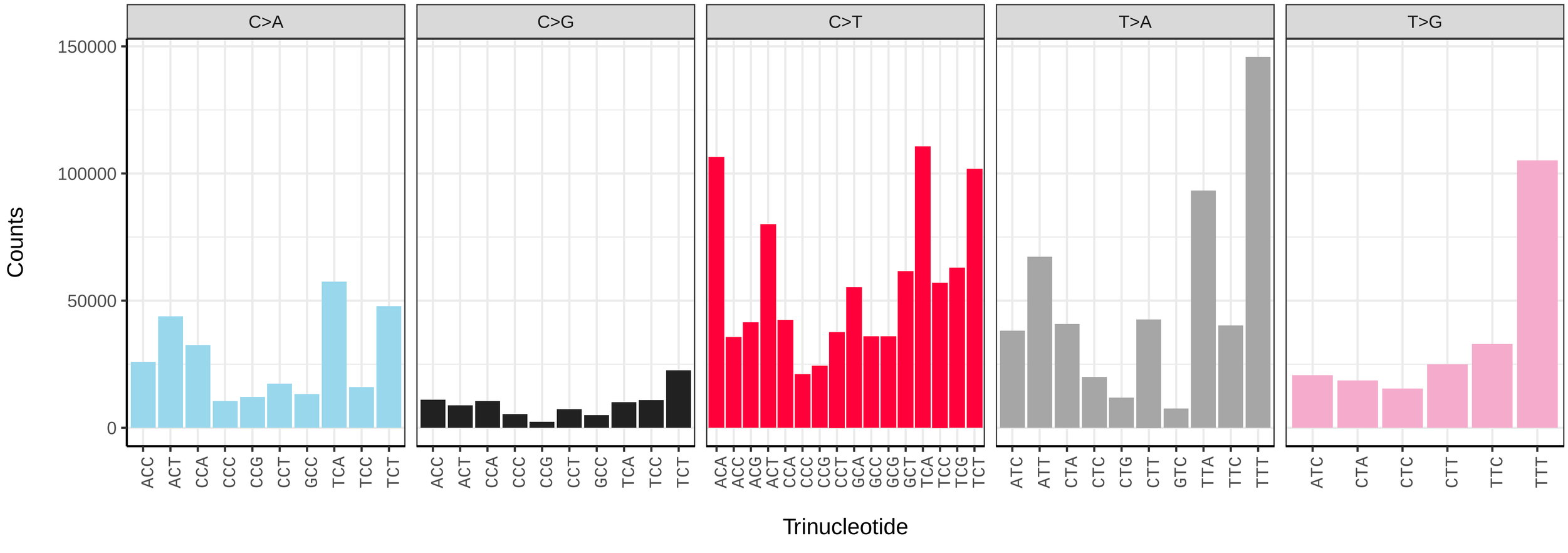
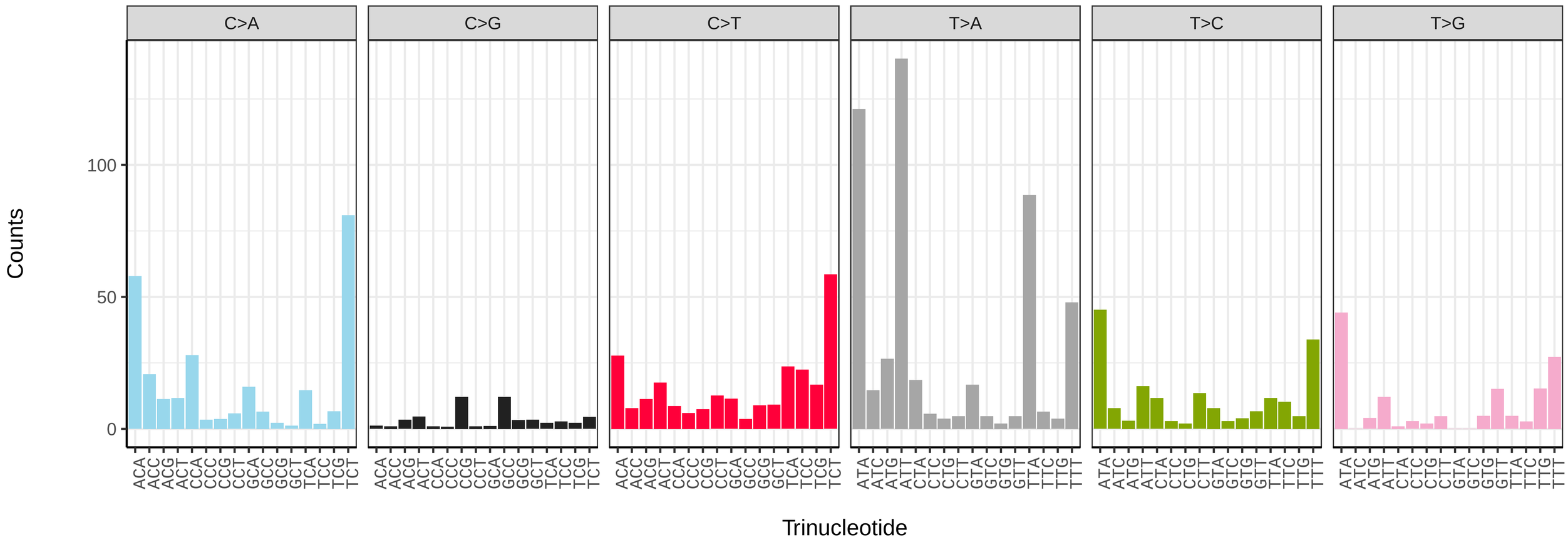


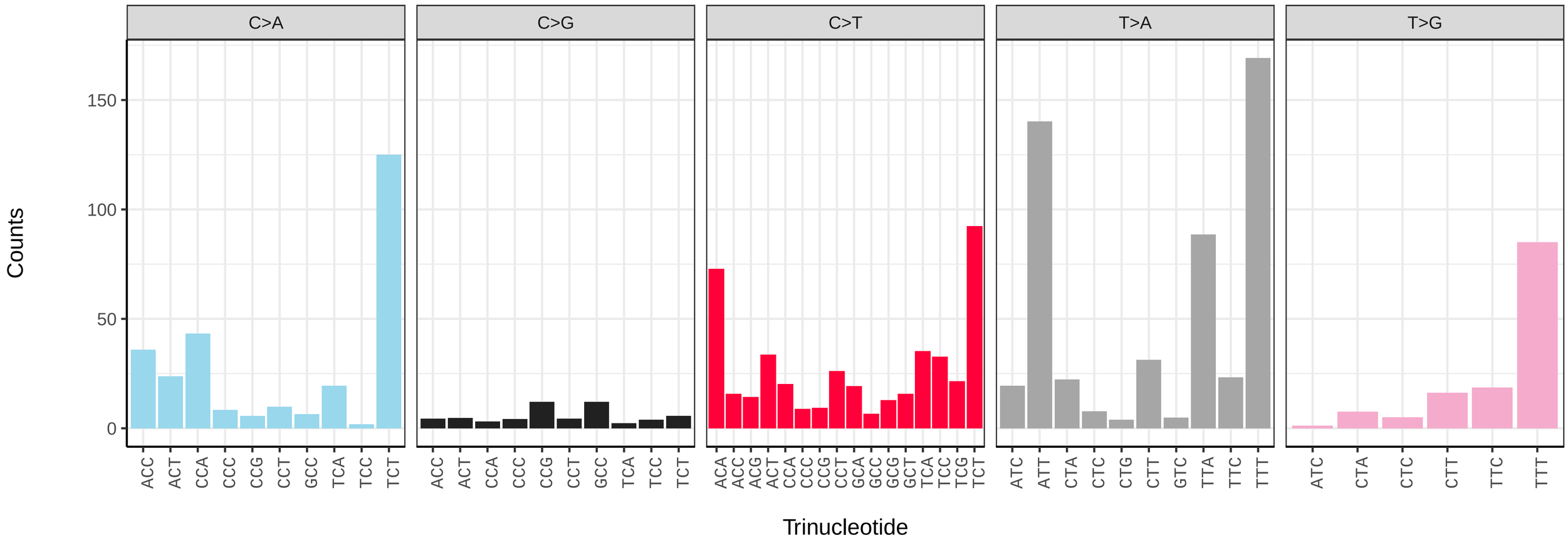
Suillia variegata (idSuiVari3) germline mutational spectrum



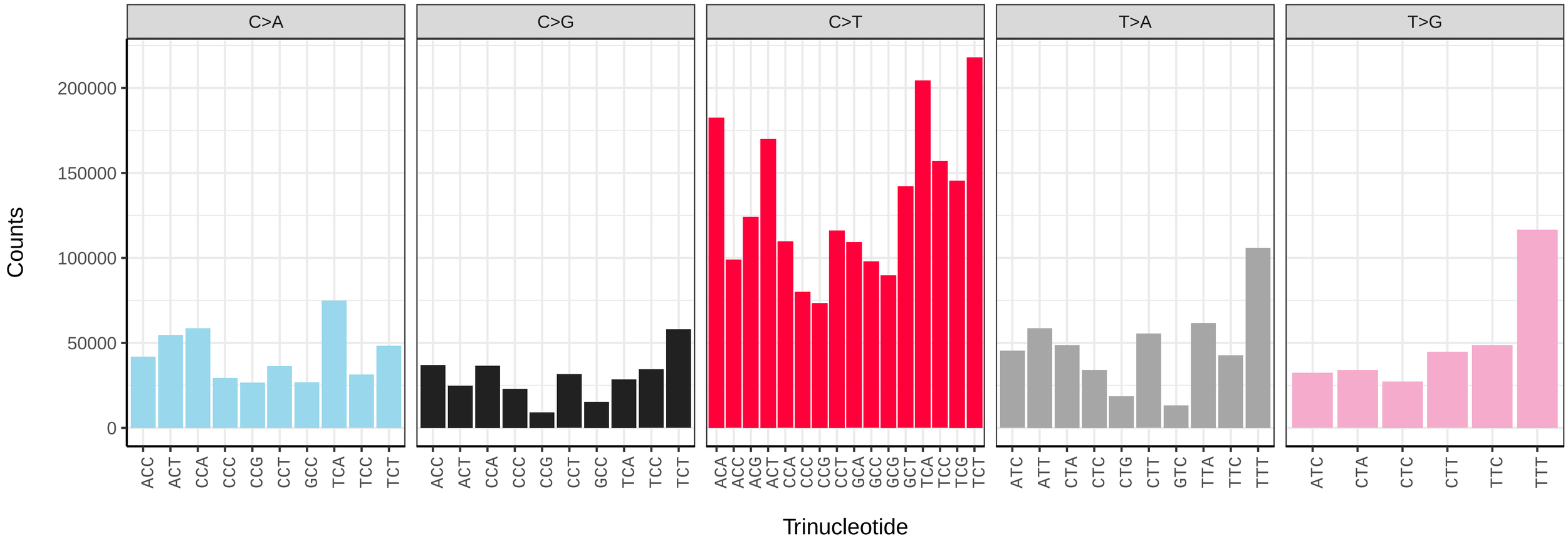
Suillia variegata (idSuiVari3) somatic mutational spectrum (SBS96 classification)



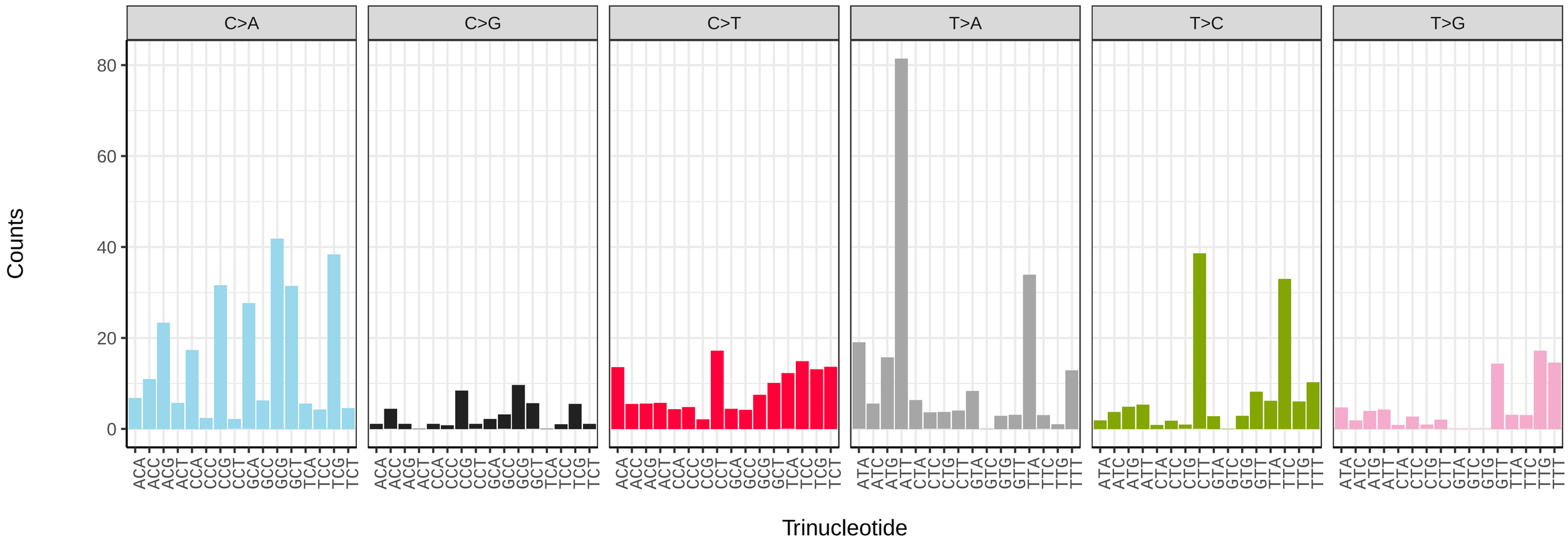
Suillia variegata (idSuiVari3) somatic mutational spectrum (SBS52 classification)



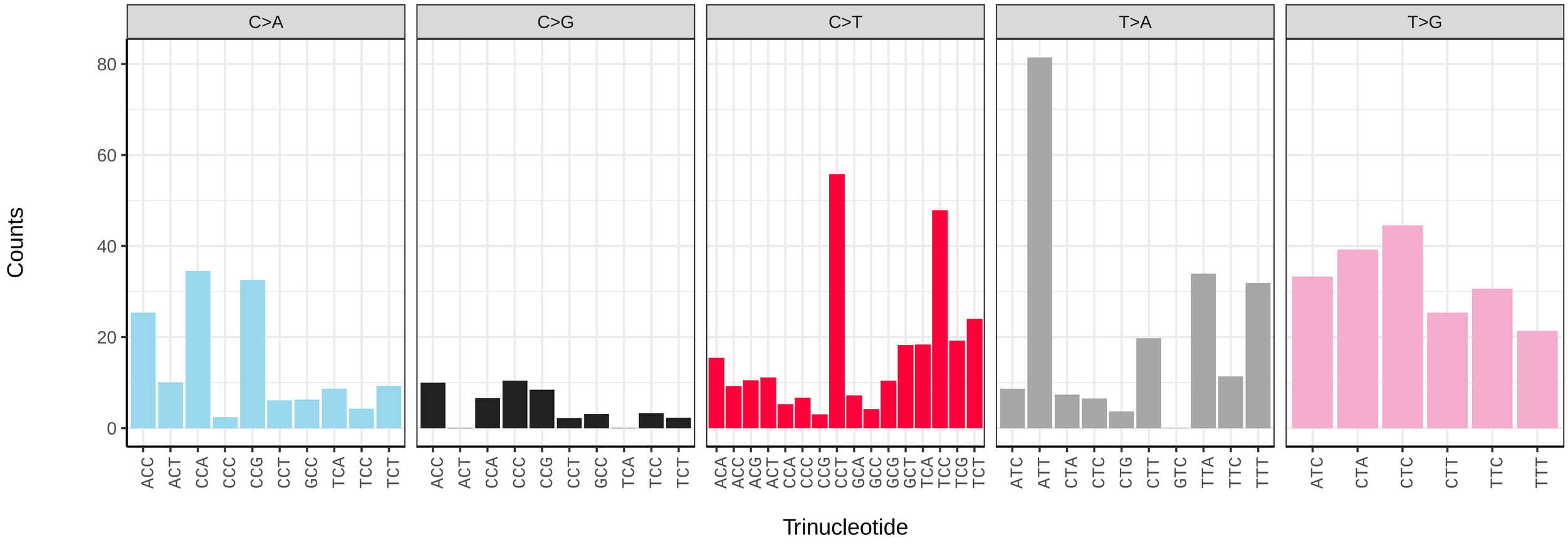
Syritta pipiens (idSyrPipi1) germline mutational spectrum



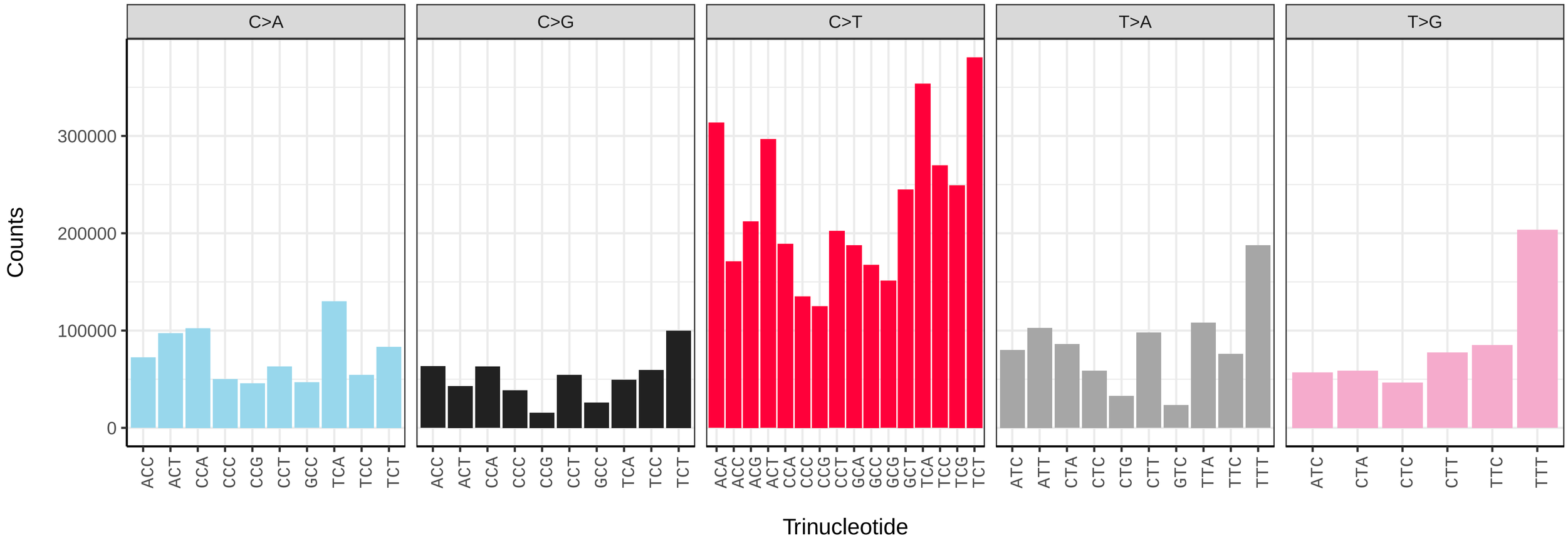
Syritta pipiens (idSyrPipi1) somatic mutational spectrum (SBS96 classification)



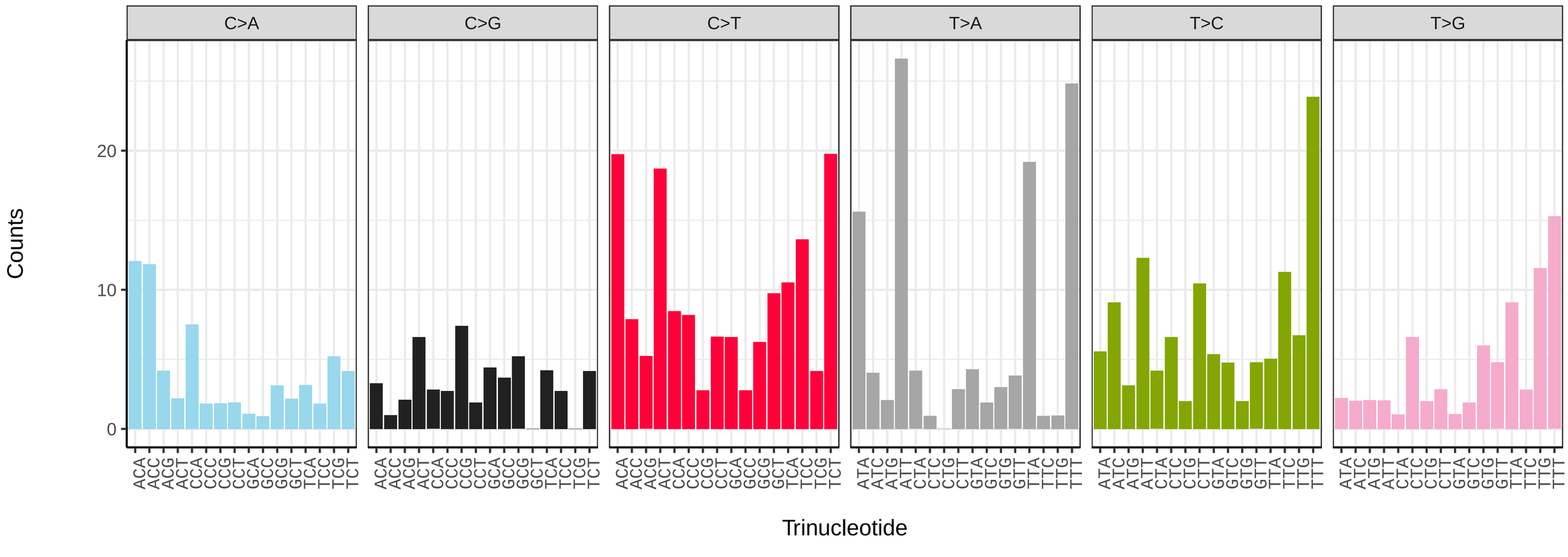
Syritta pipiens (idSyrPipi1) somatic mutational spectrum (SBS52 classification)



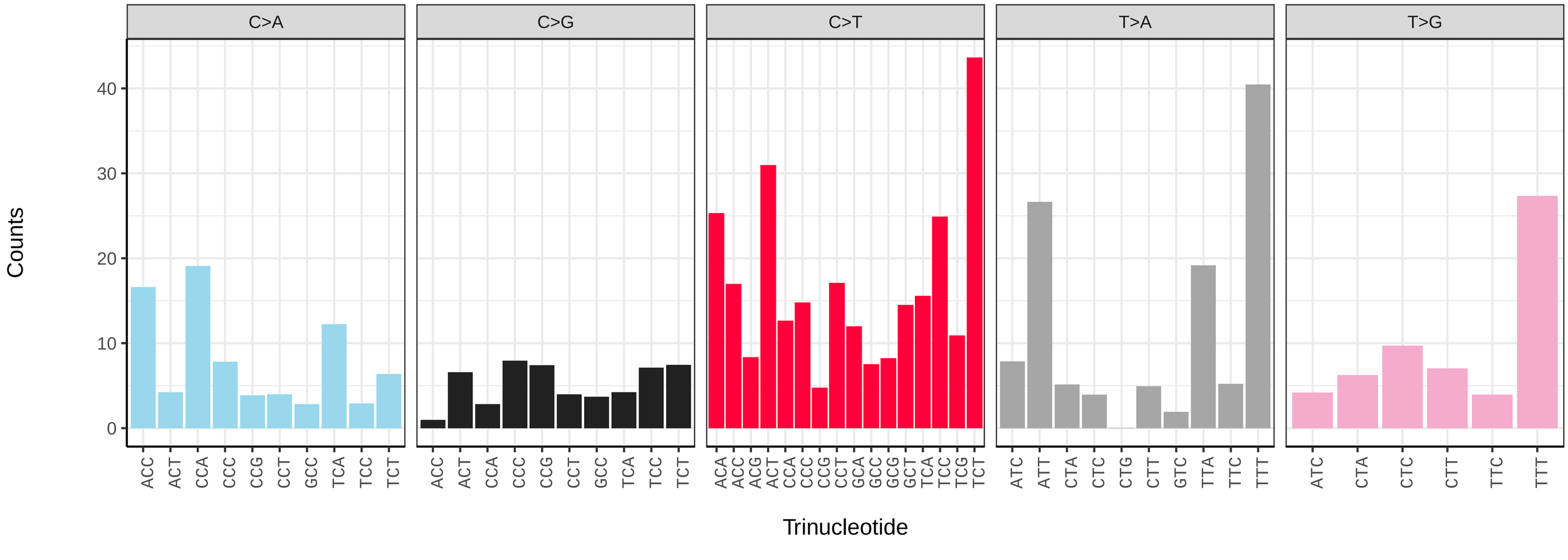
Syritta pipiens (idSyrPipi1.idSyrPipi10) germline mutational spectrum



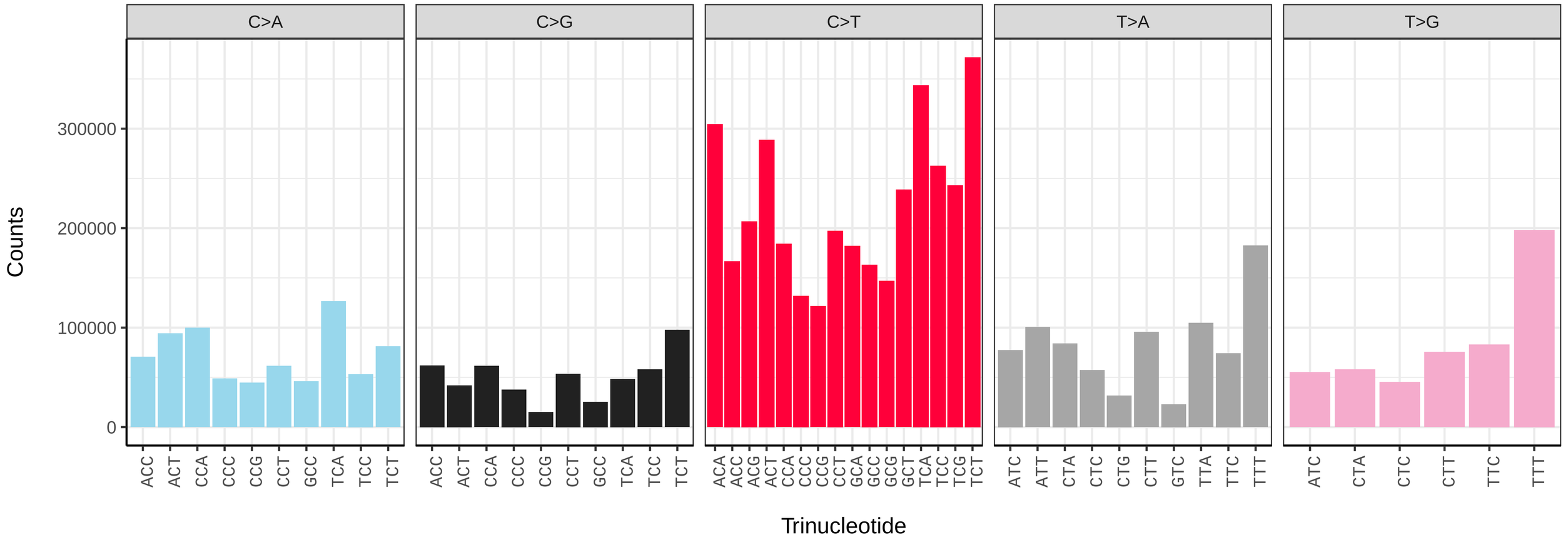
Syritta pipiens (idSyrPipi1.idSyrPipi10) somatic mutational spectrum (SBS96 classification)



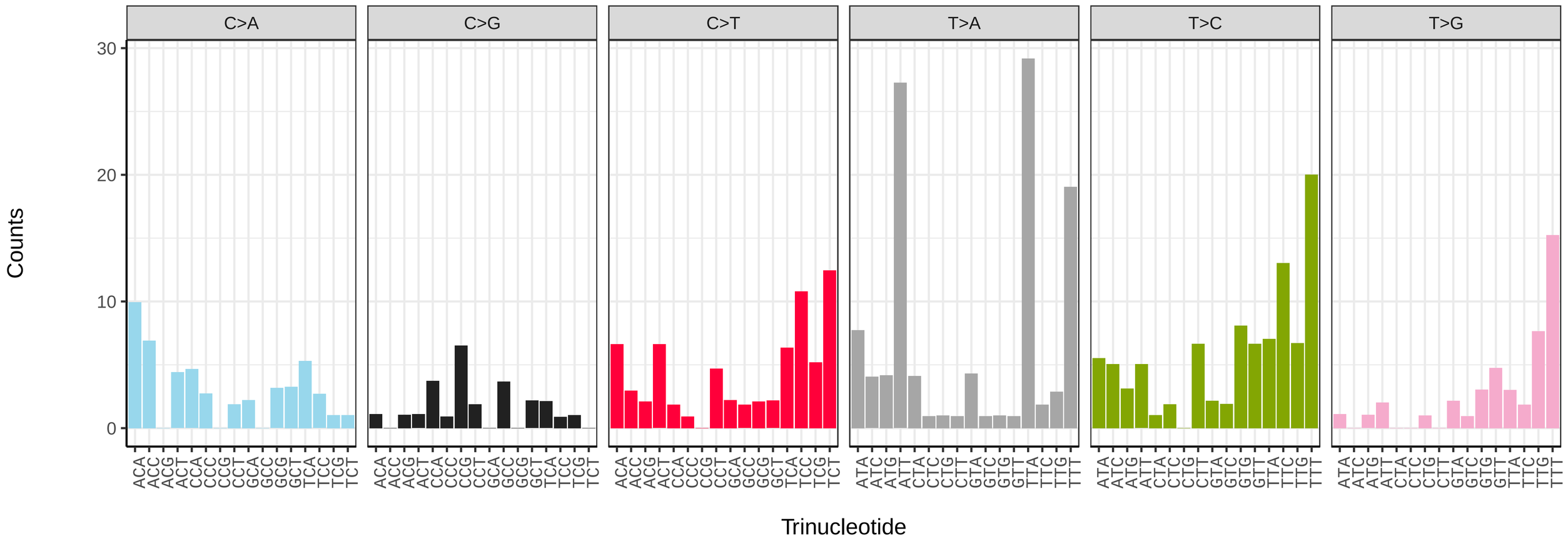
Syritta pipiens (idSyrPipi1.idSyrPipi10) somatic mutational spectrum (SBS52 classification)



Syritta pipiens (idSyrPipi1.idSyrPipi11) germline mutational spectrum



Syritta pipiens (idSyrPipi1.idSyrPipi11) somatic mutational spectrum (SBS96 classification)



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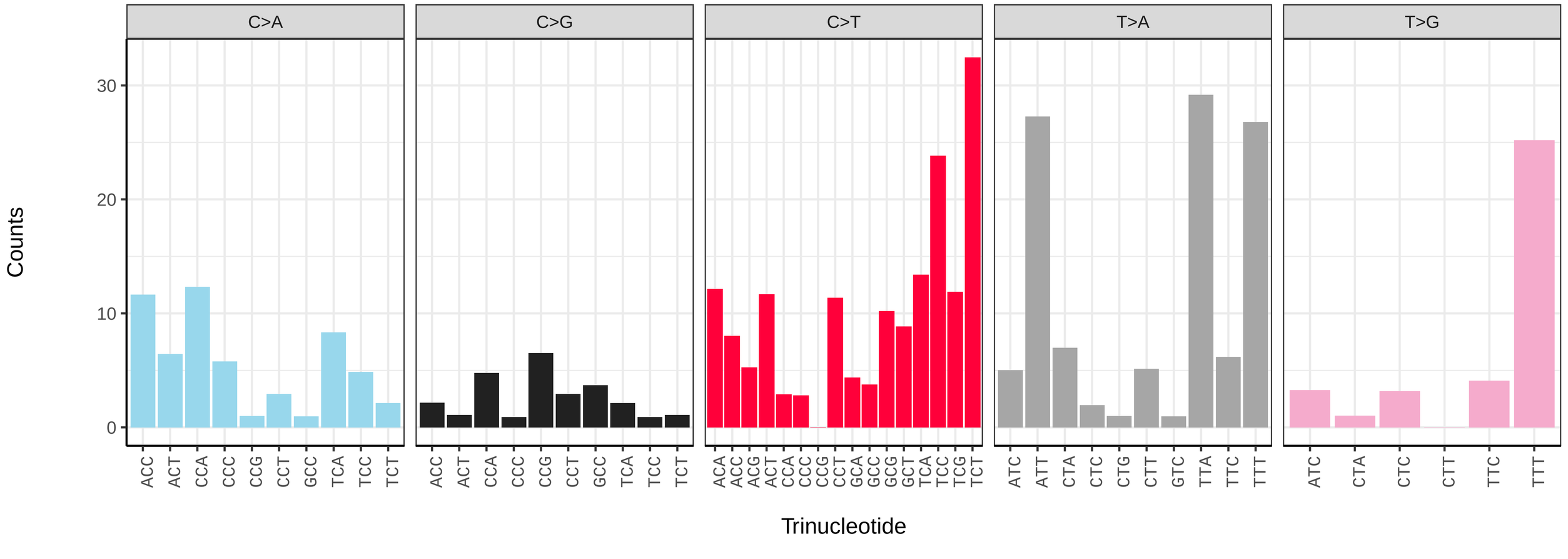
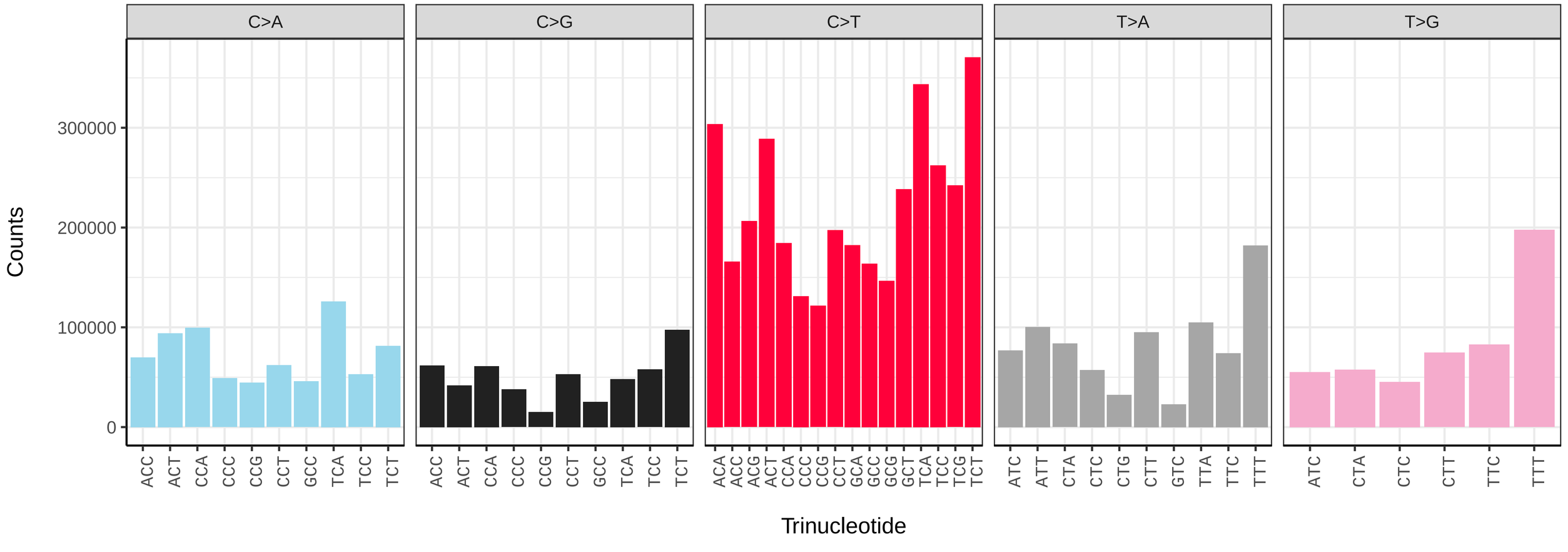
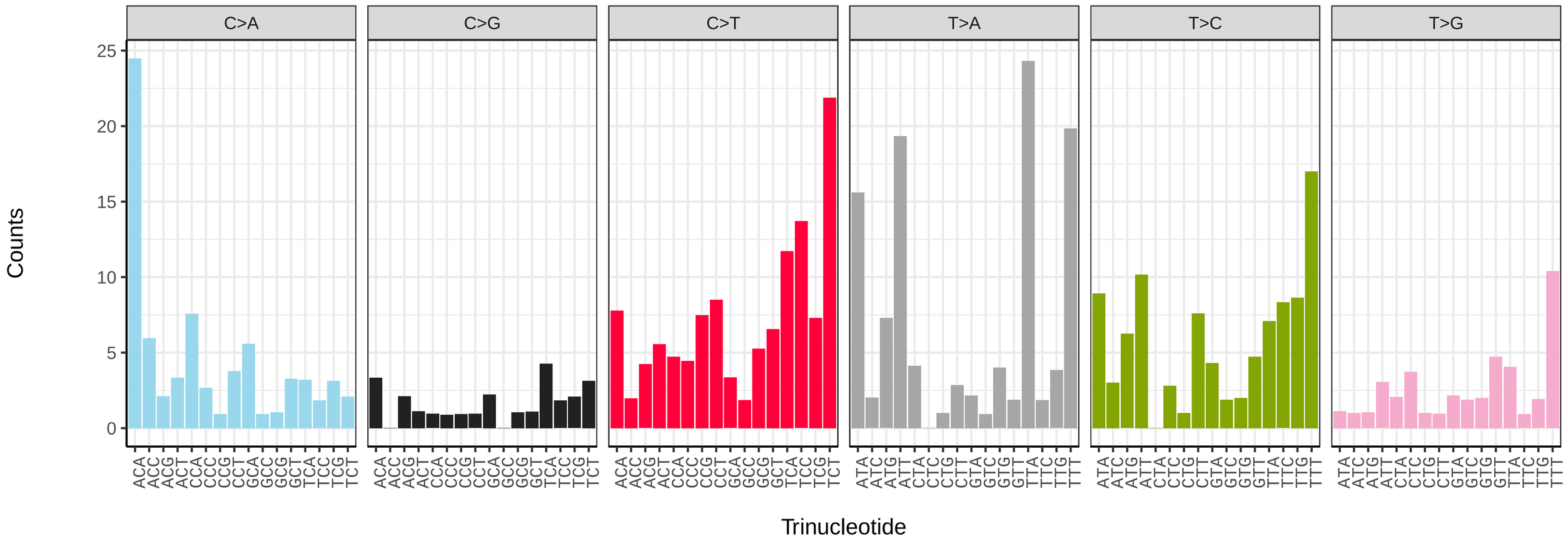


Syritta pipiens (idSyrPipi1.idSyrPipi2) germline mutational spectrum



Syritta pipiens (idSyrPipi1.idSyrPipi2) somatic mutational spectrum (SBS96 classification)



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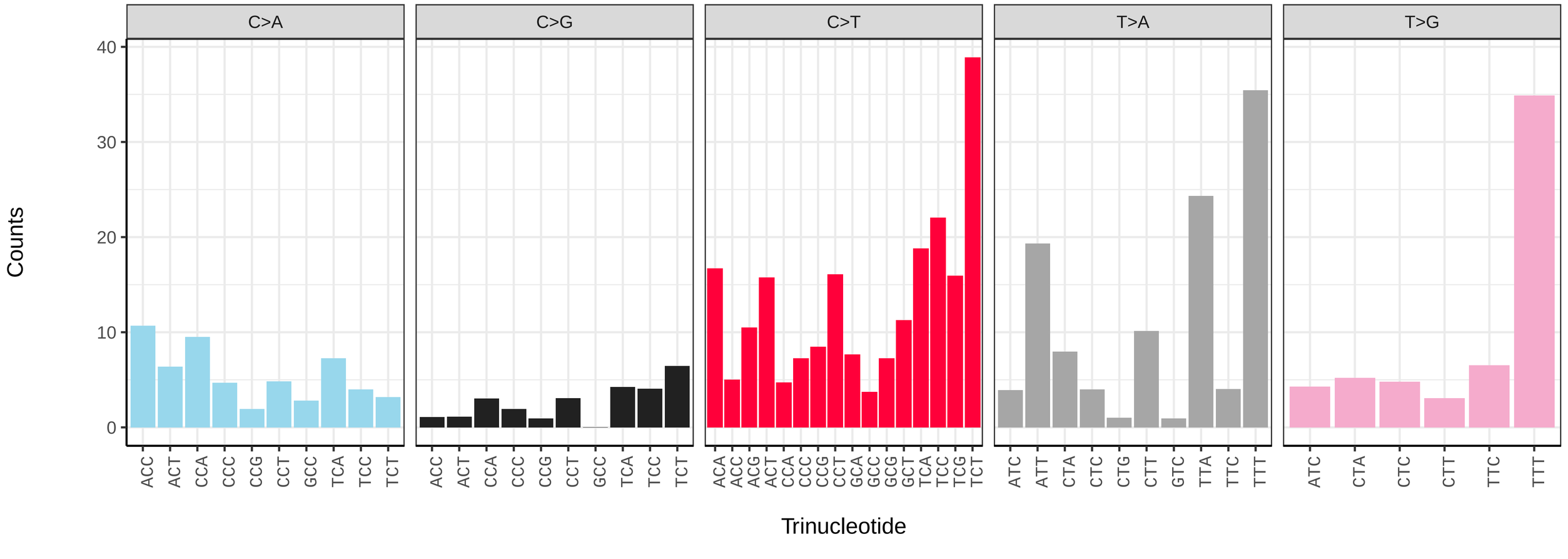
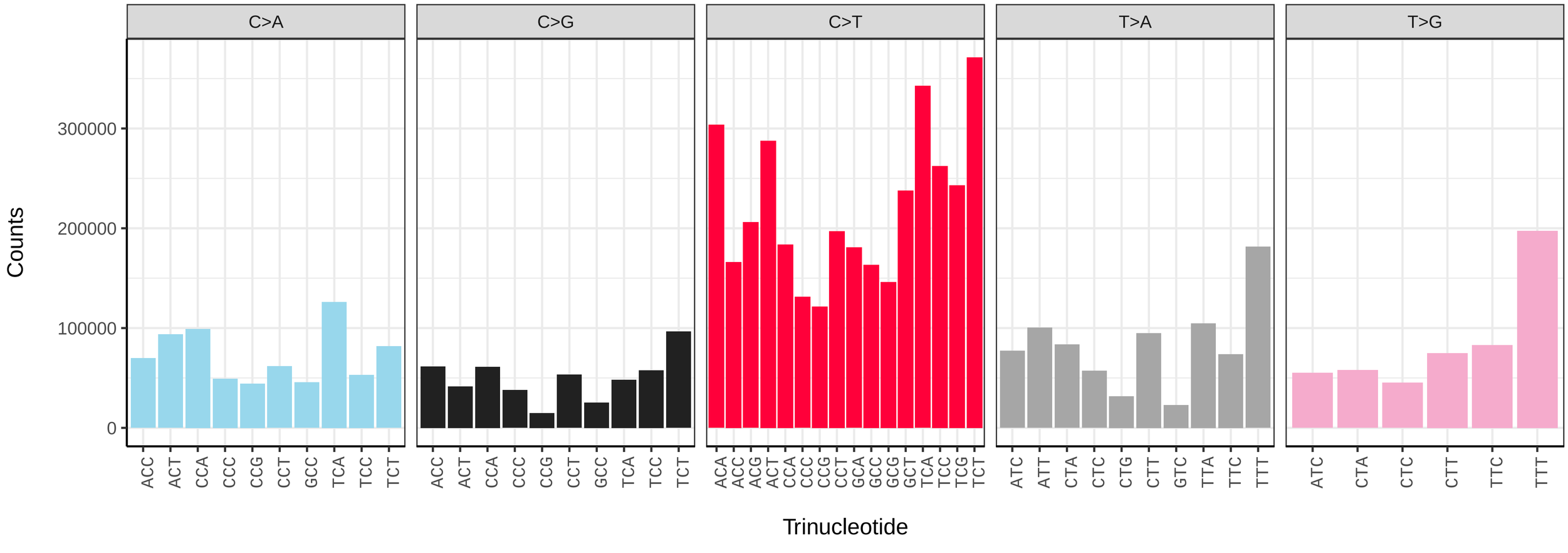
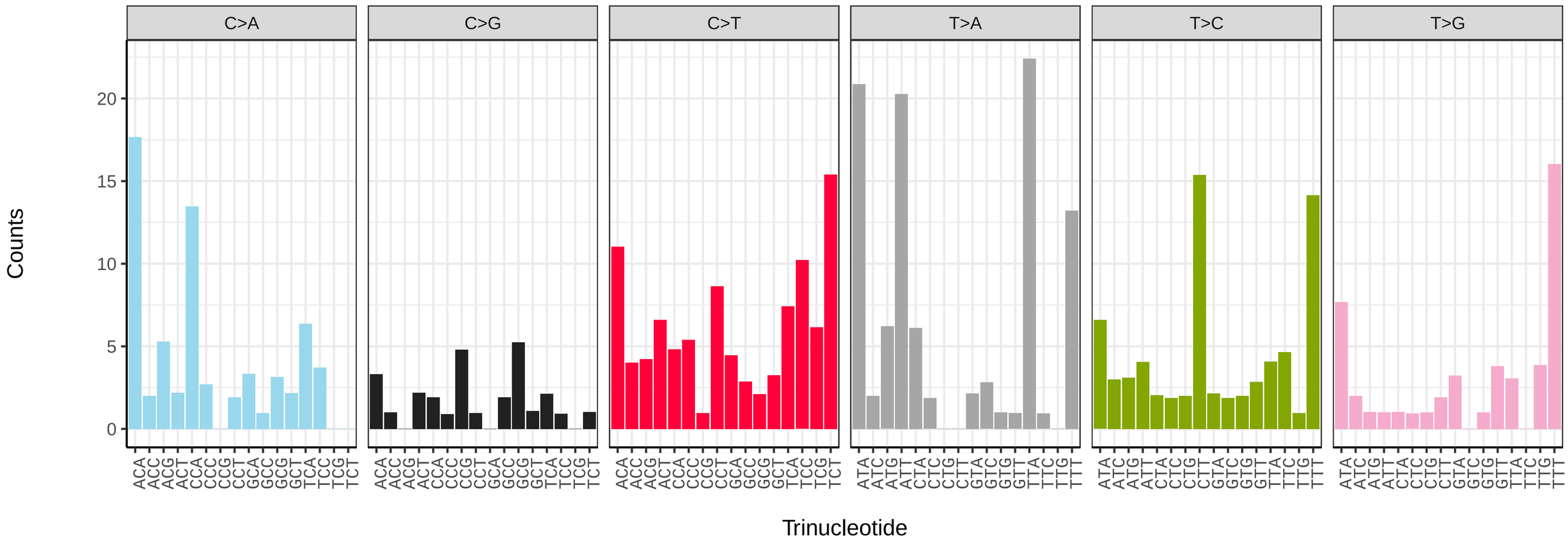


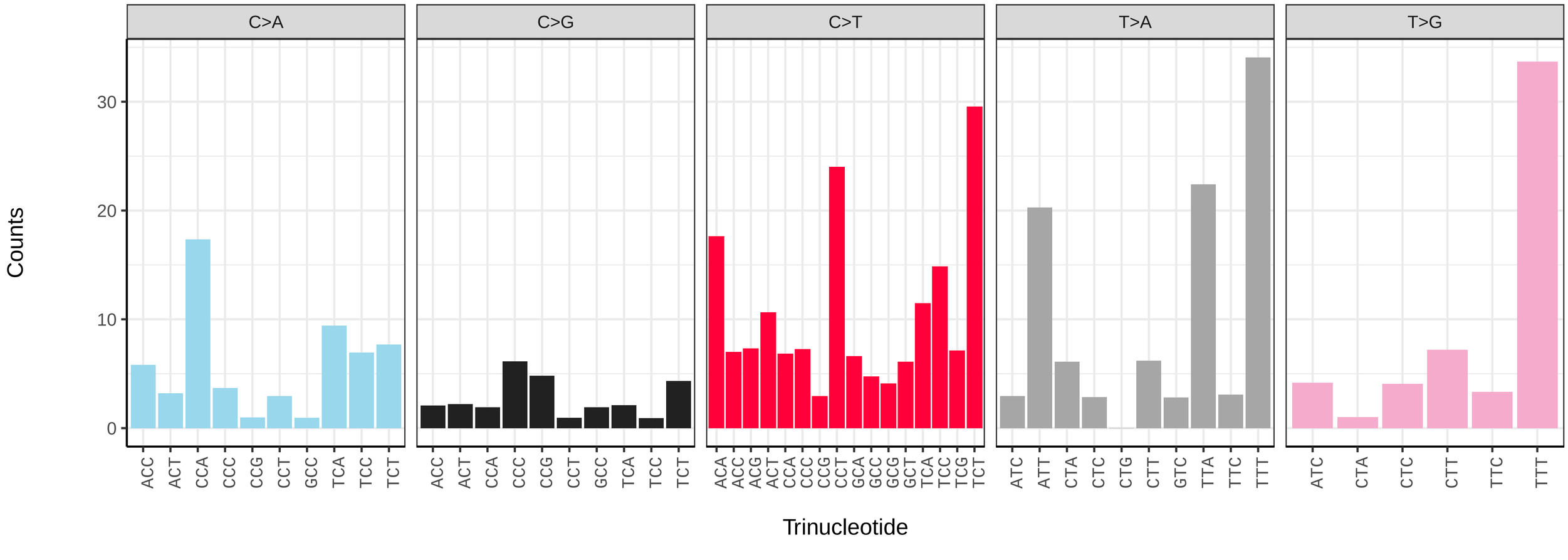
Syritta pipiens (idSyrPipi1.idSyrPipi5) germline mutational spectrum



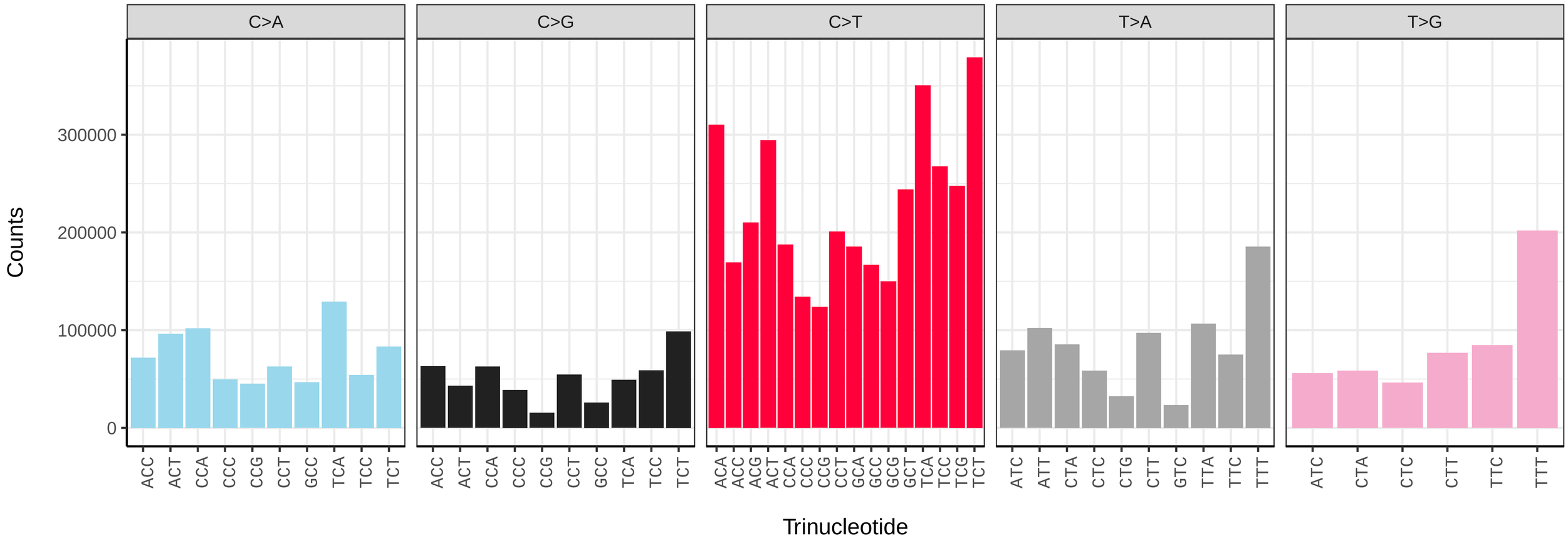
Syritta pipiens (idSyrPipi1.idSyrPipi5) somatic mutational spectrum (SBS96 classification)



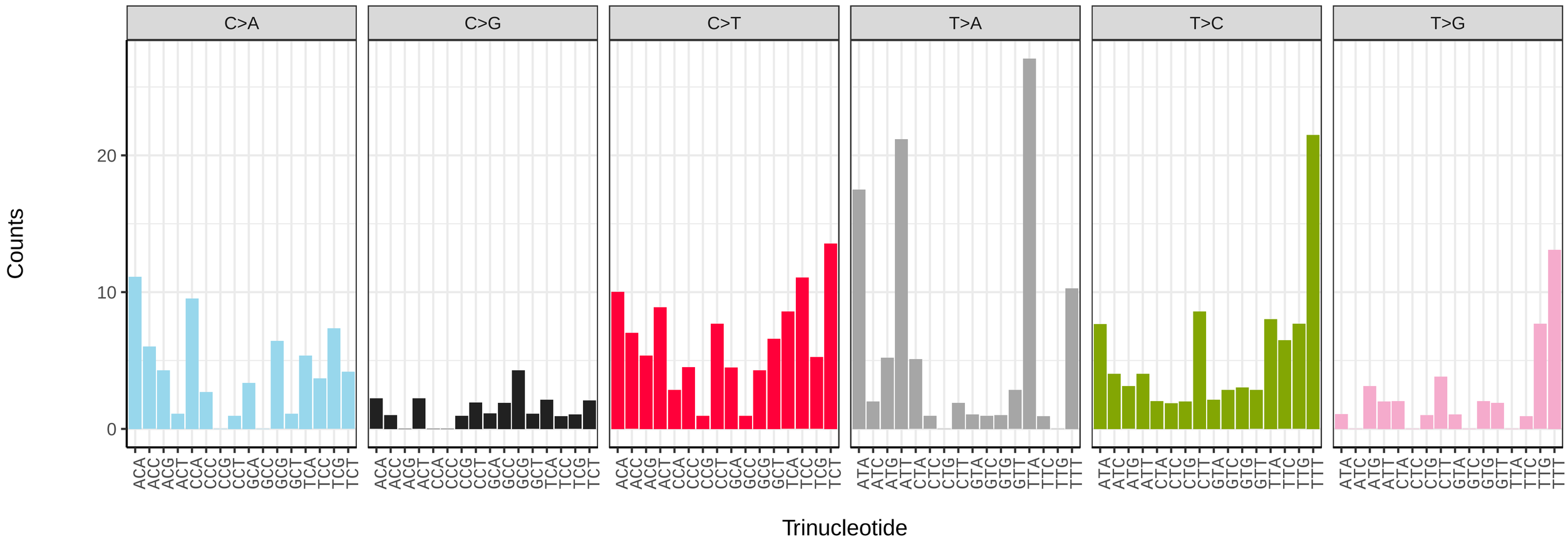
Syritta pipiens (idSyrPipi1.idSyrPipi5) somatic mutational spectrum (SBS52 classification)



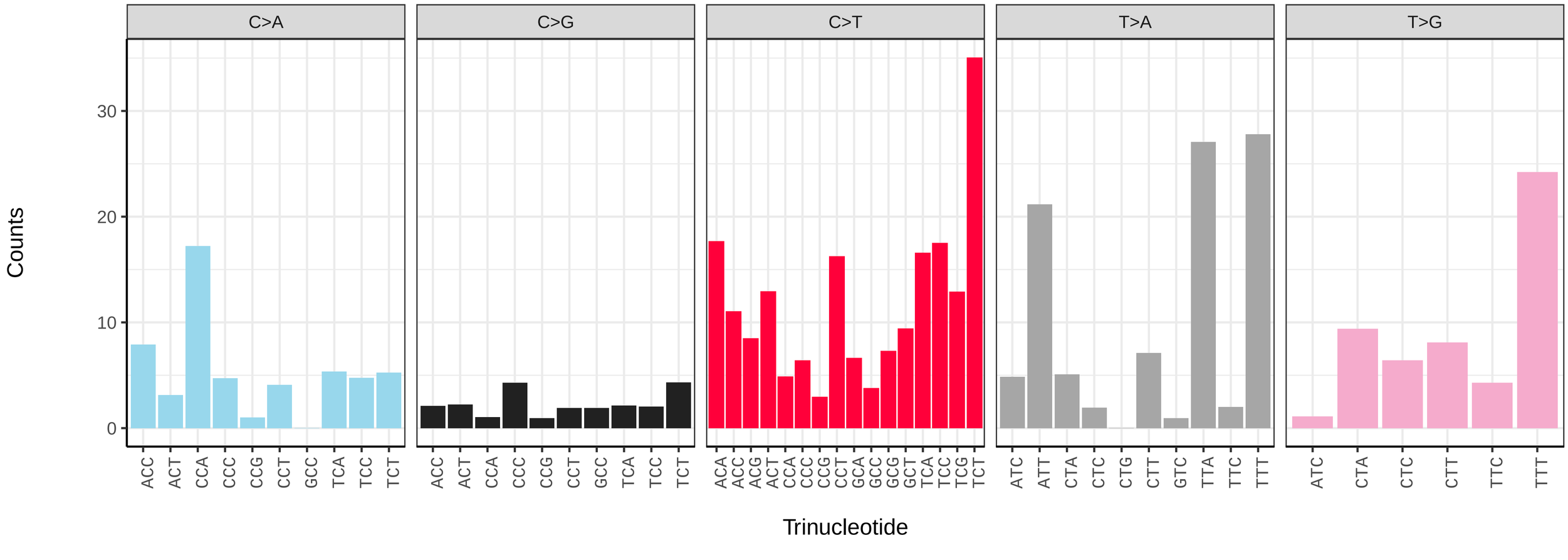
Syritta pipiens (idSyrPipi1.idSyrPipi6) germline mutational spectrum



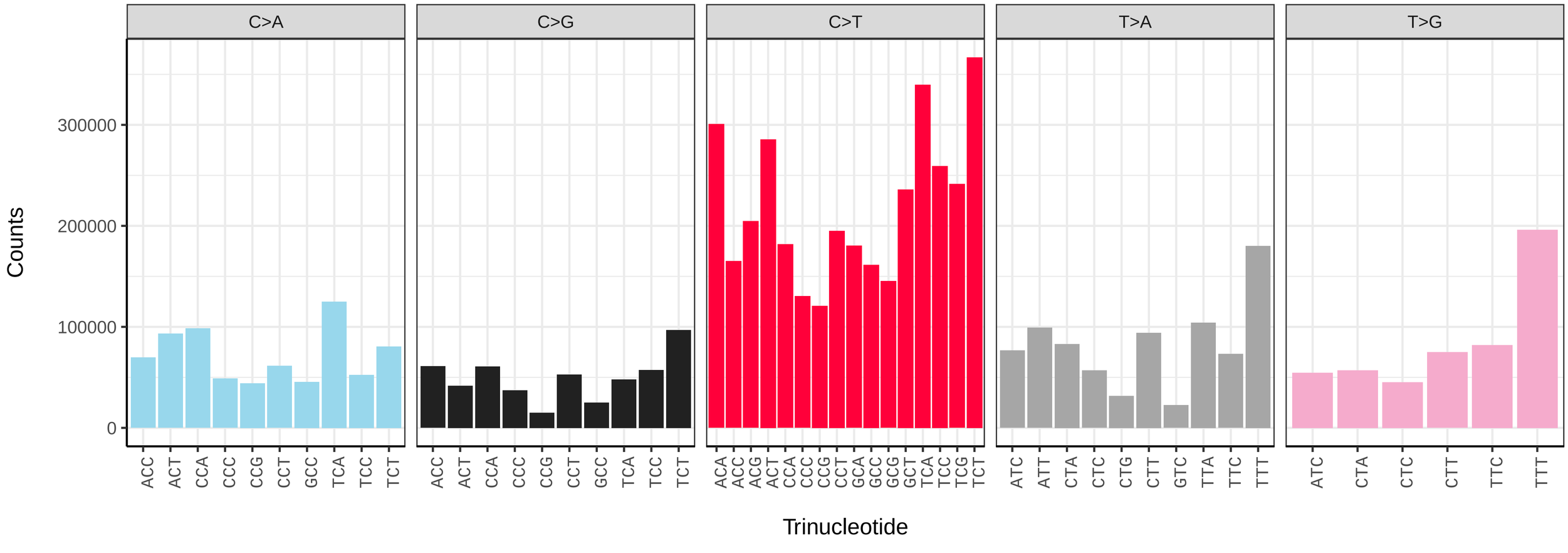
Syritta pipiens (idSyrPipi1.idSyrPipi6) somatic mutational spectrum (SBS96 classification)



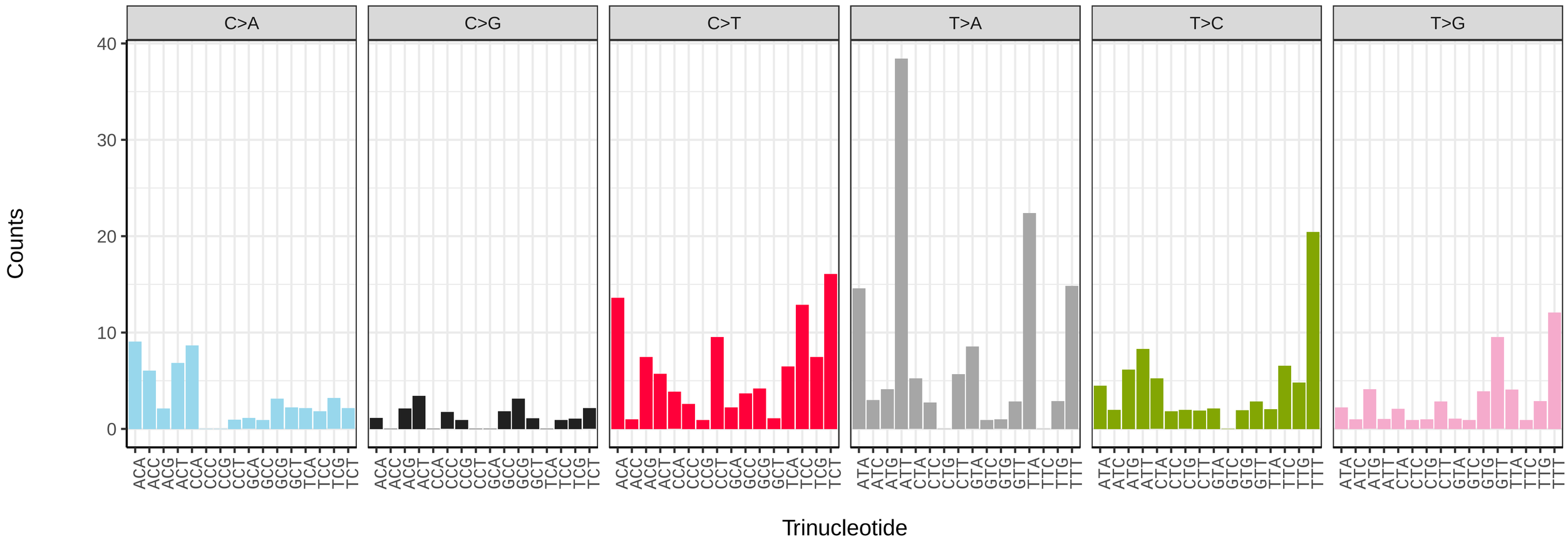
Syritta pipiens (idSyrPipi1.idSyrPipi6) somatic mutational spectrum (SBS52 classification)



Syritta pipiens (idSyrPipi1.idSyrPipi7) germline mutational spectrum



Syritta pipiens (idSyrPipi1.idSyrPipi7) somatic mutational spectrum (SBS96 classification)



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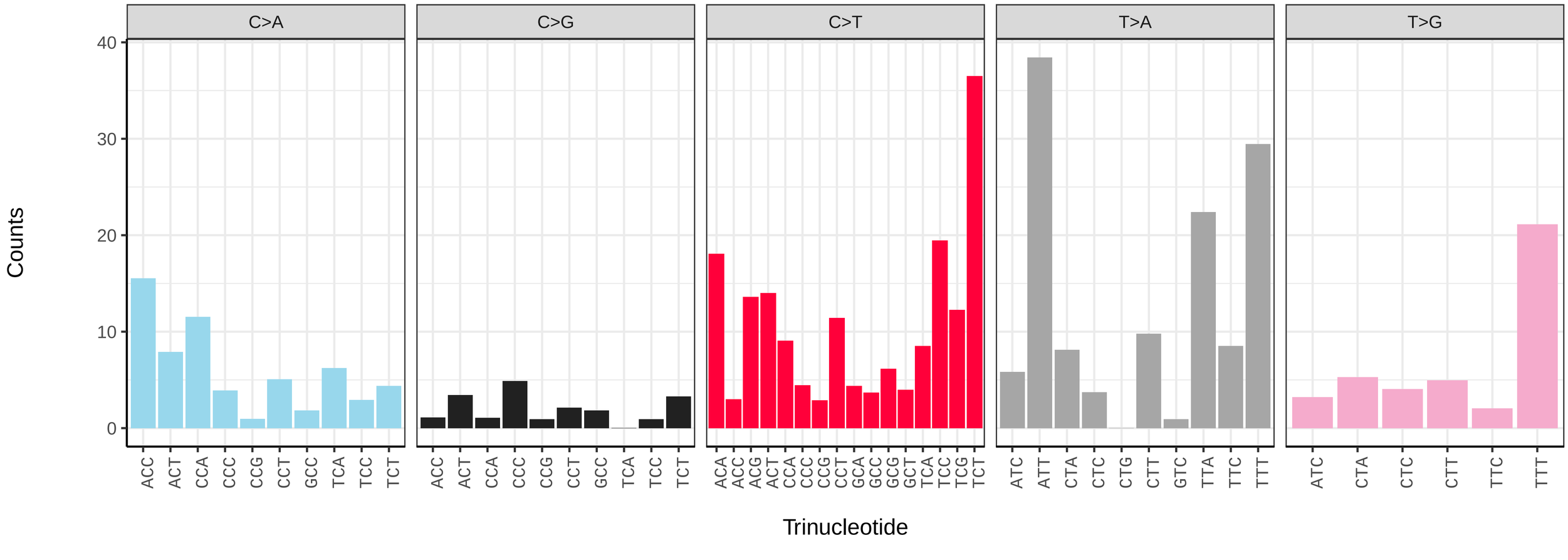
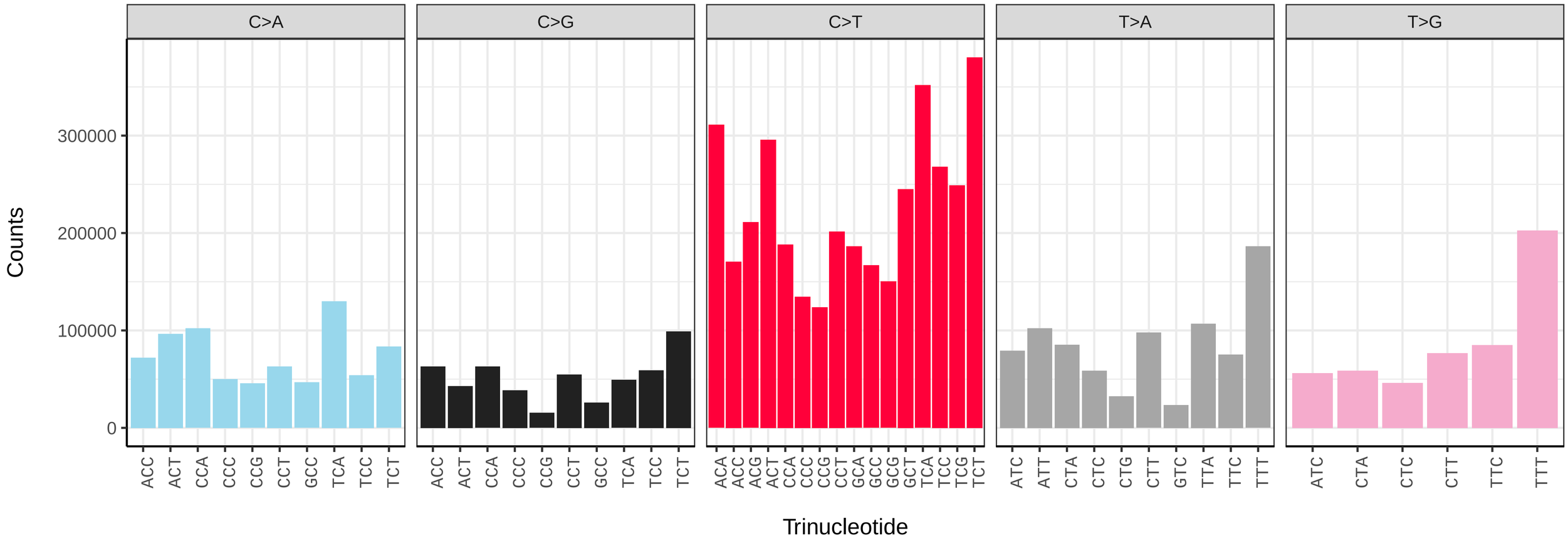
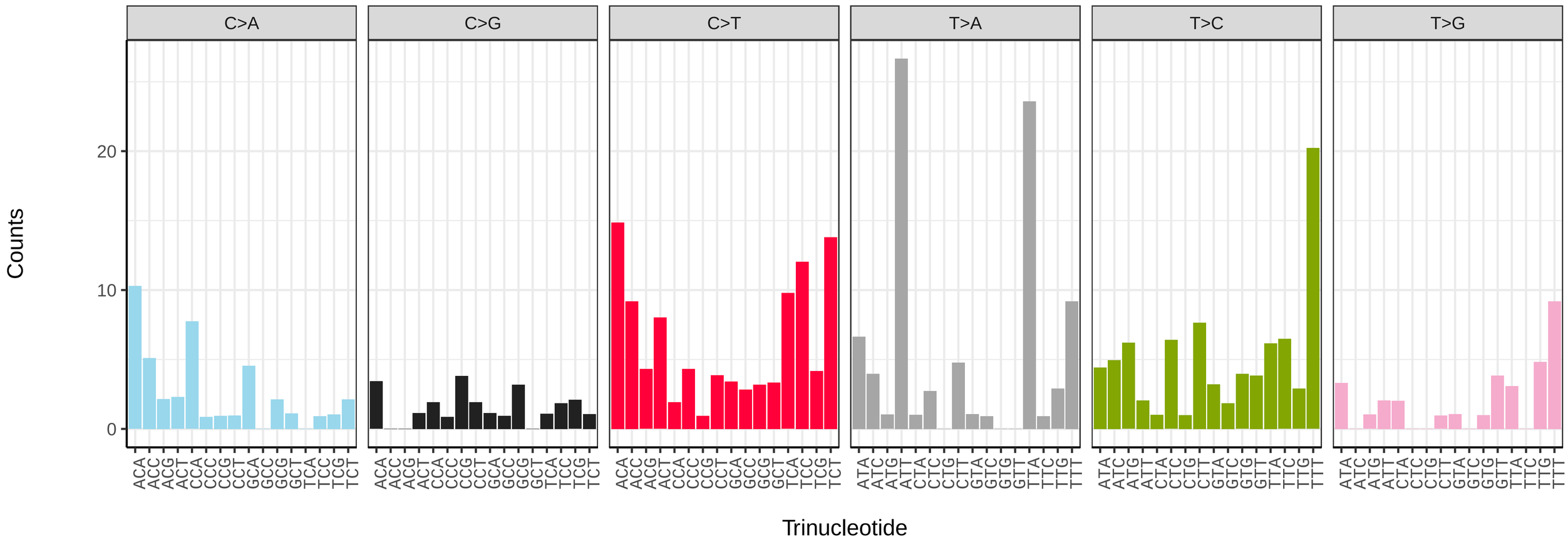


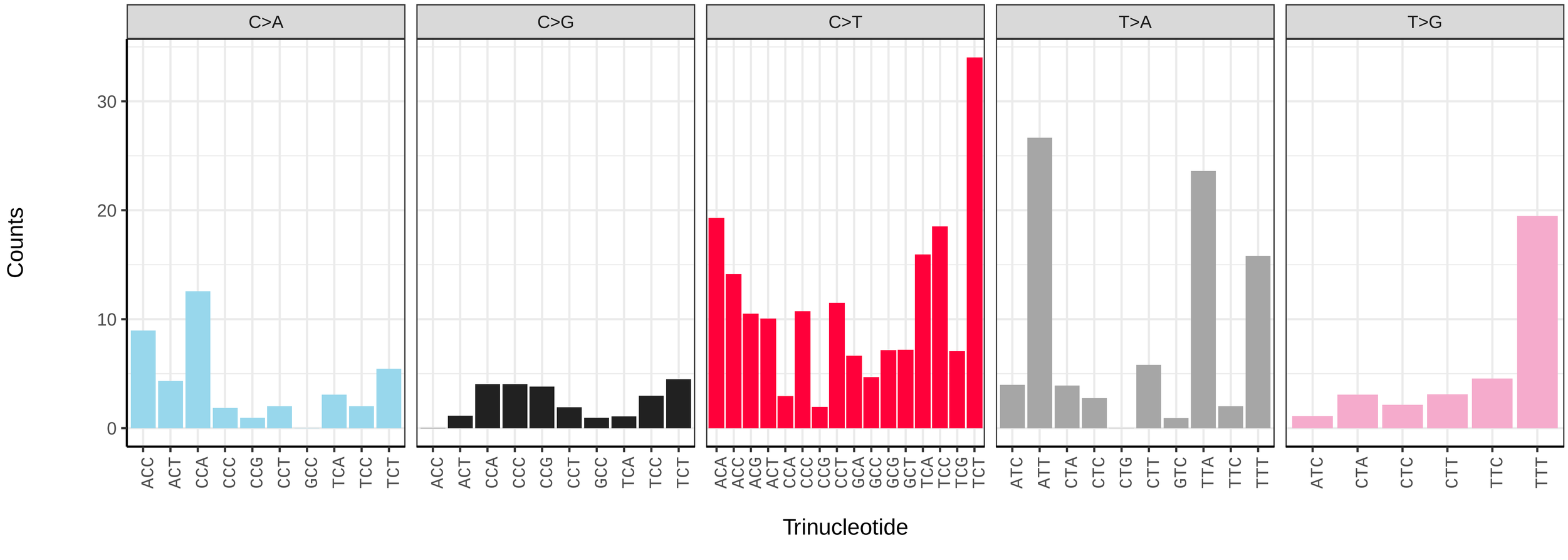
Syritta pipiens (idSyrPipi1.idSyrPipi8) germline mutational spectrum



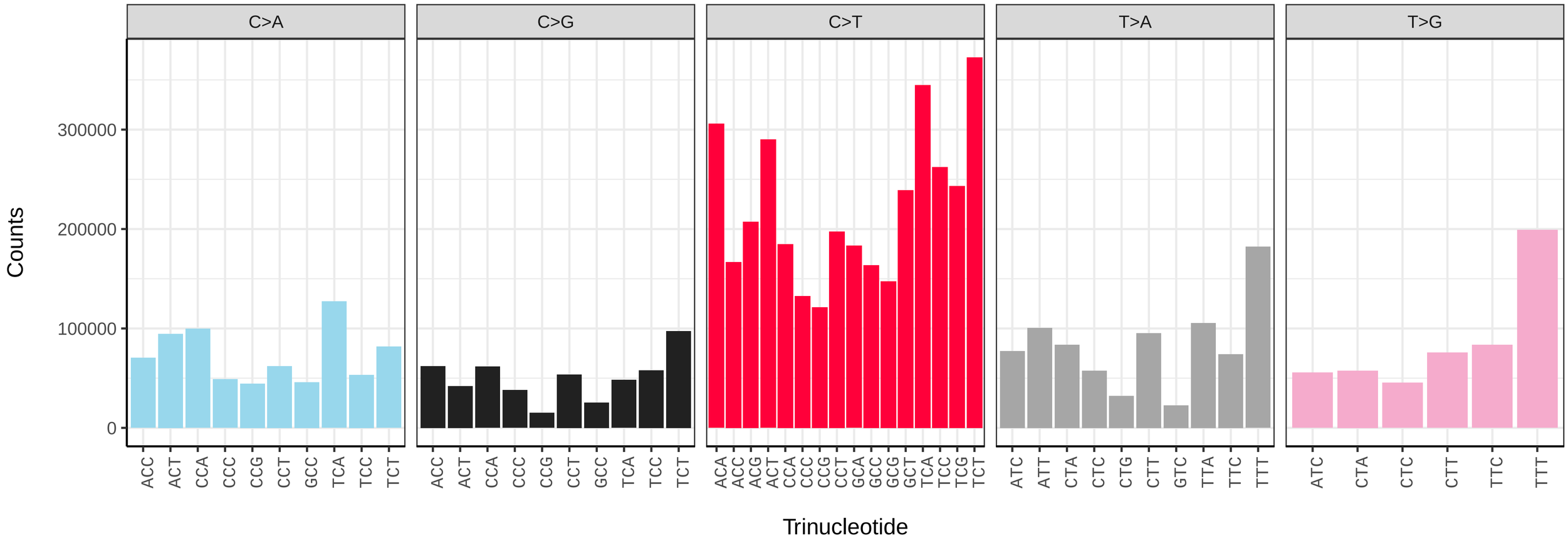
Syritta pipiens (idSyrPipi1.idSyrPipi8) somatic mutational spectrum (SBS96 classification)



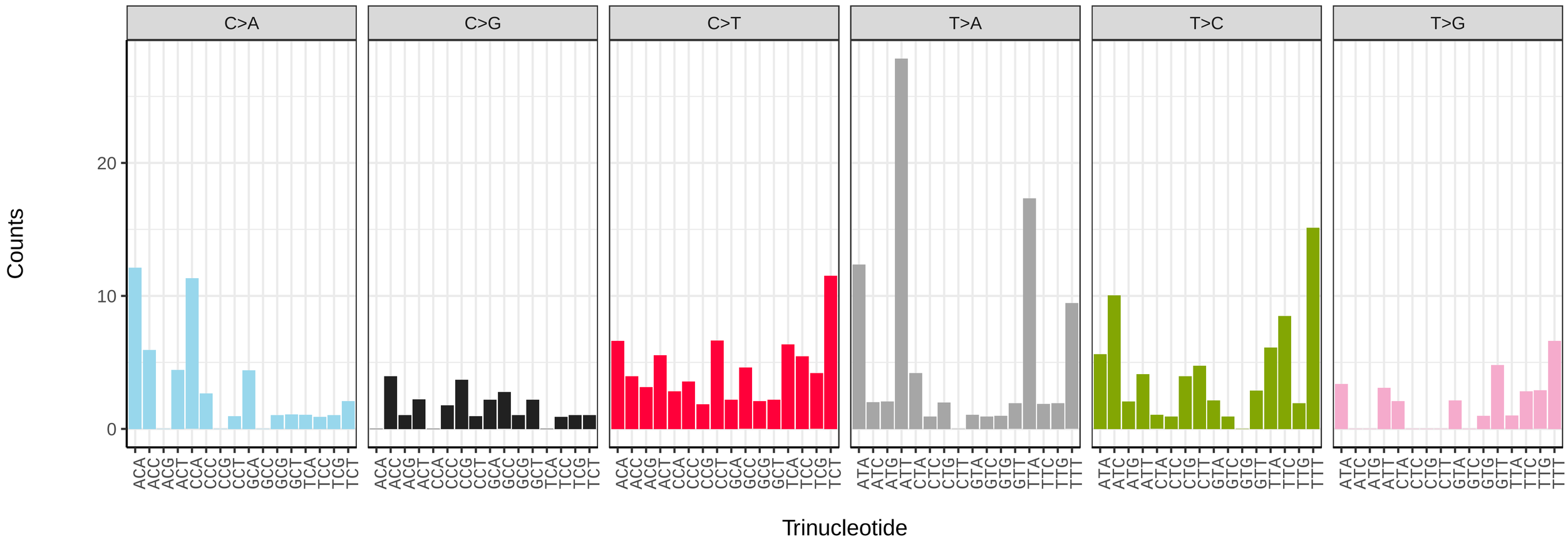
Syritta pipiens (idSyrPipi1.idSyrPipi8) somatic mutational spectrum (SBS52 classification)



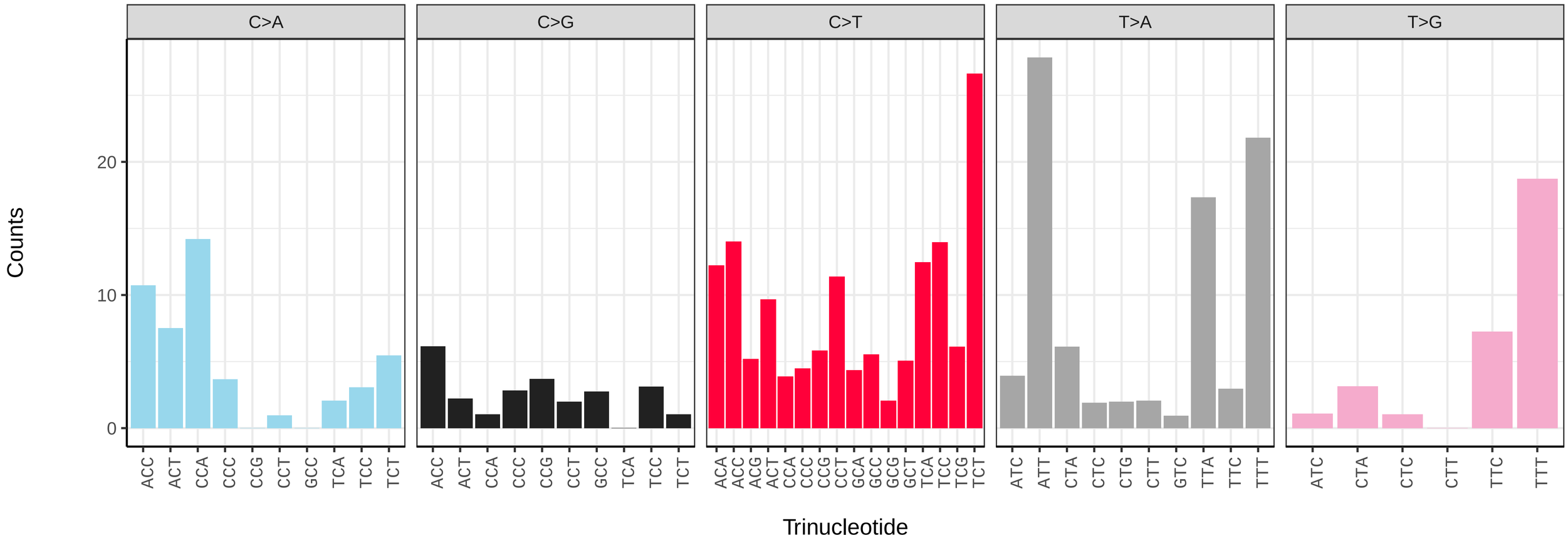
Syritta pipiens (idSyrPipi1.idSyrPipi9) germline mutational spectrum



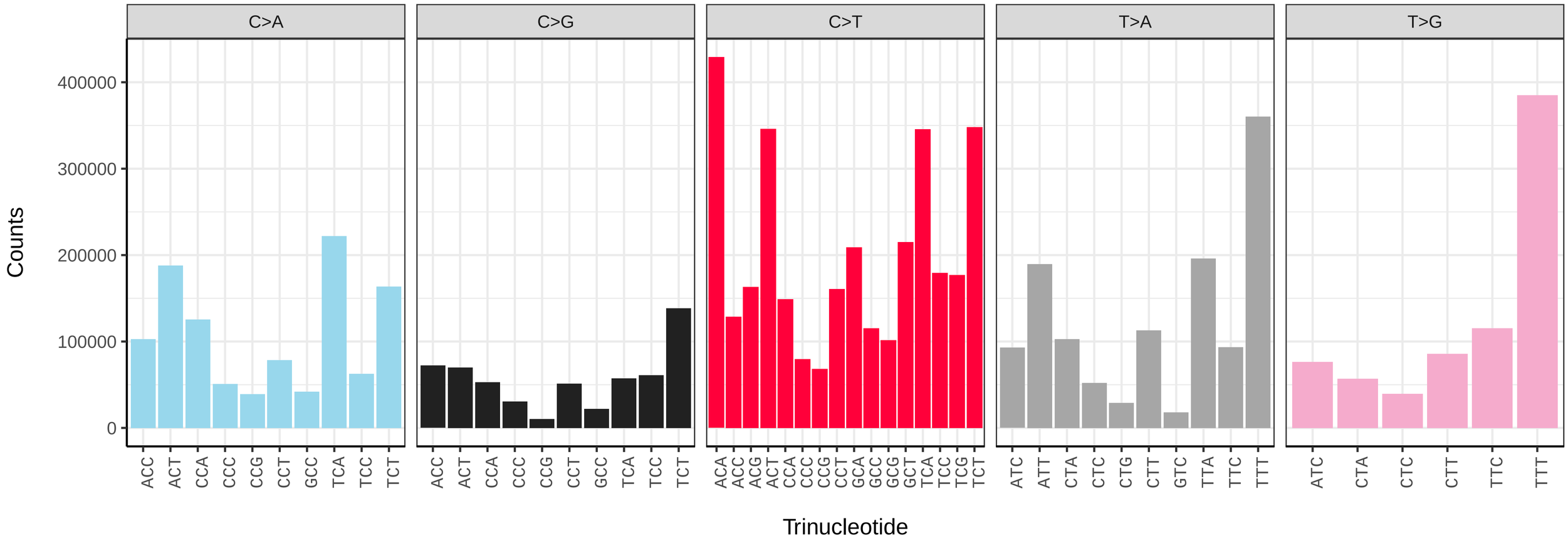
Syritta pipiens (idSyrPipi1.idSyrPipi9) somatic mutational spectrum (SBS96 classification)



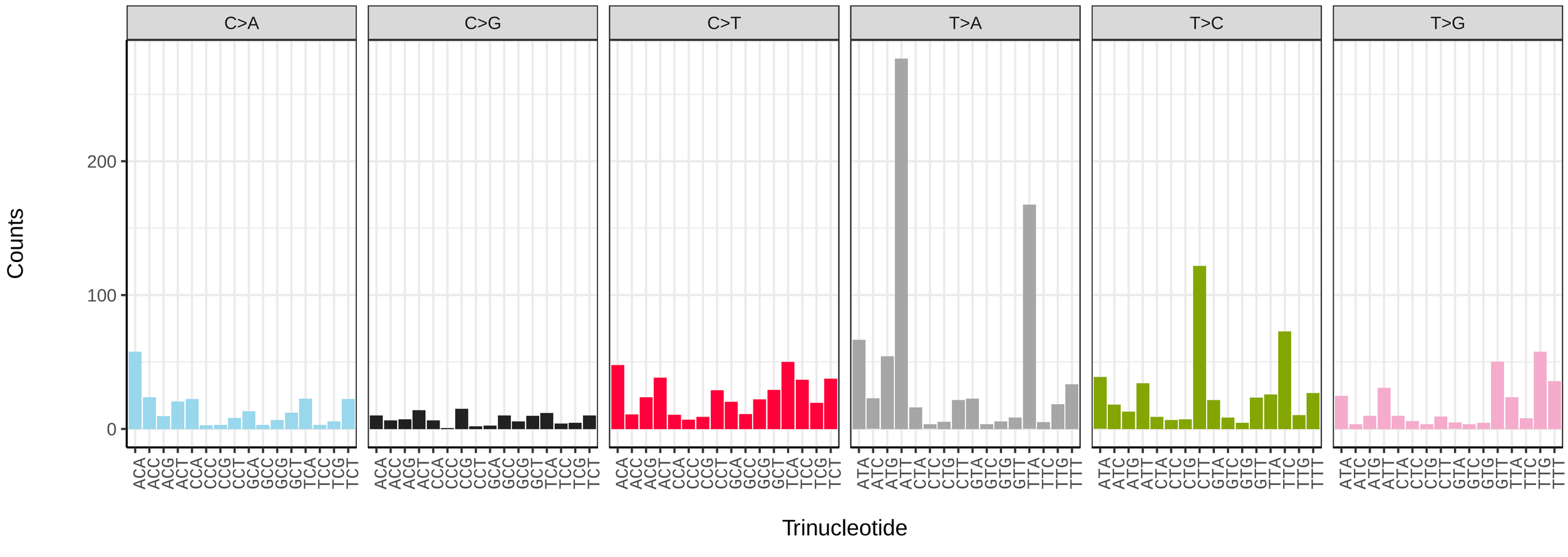
Syritta pipiens (idSyrPipi1.idSyrPipi9) somatic mutational spectrum (SBS52 classification)



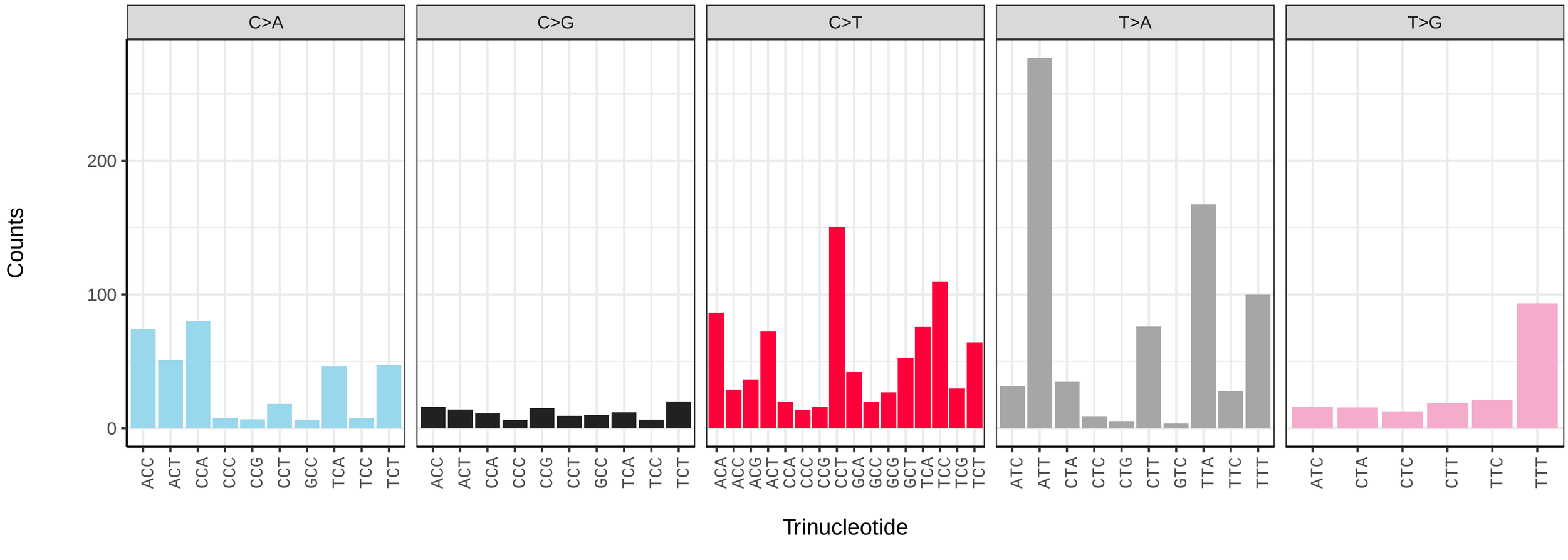
Tachina fera (idTacFera2) germline mutational spectrum



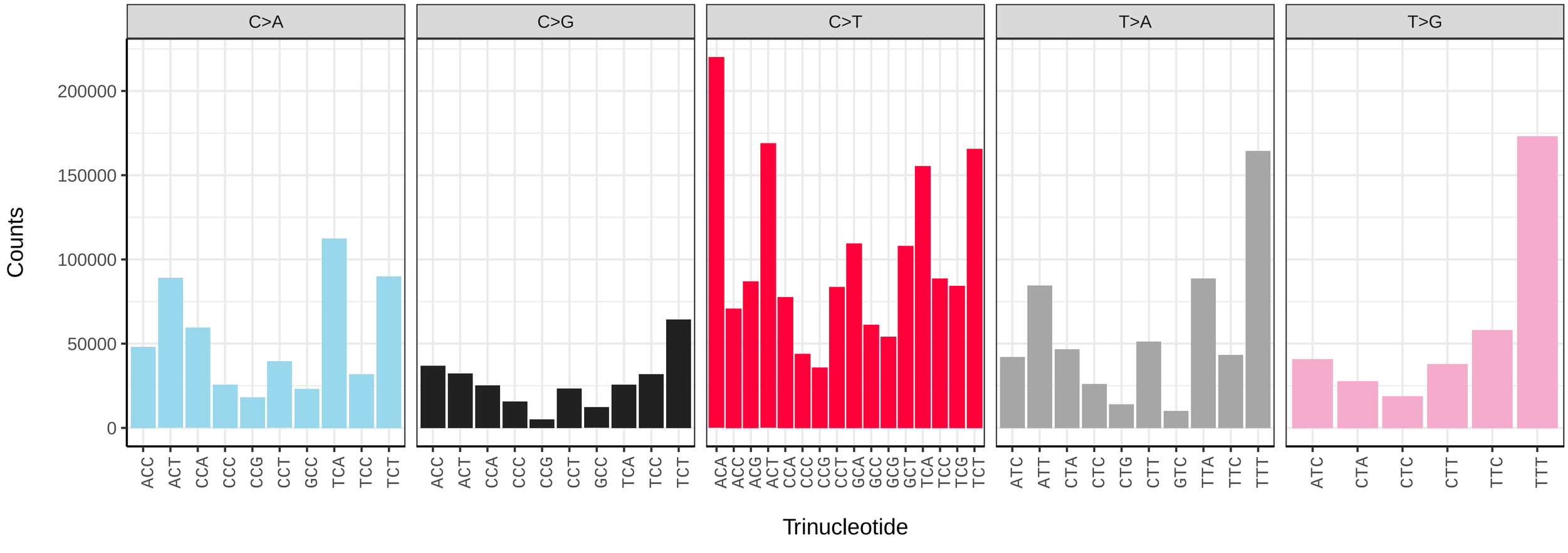
Tachina fera (idTacFera2) somatic mutational spectrum (SBS96 classification)



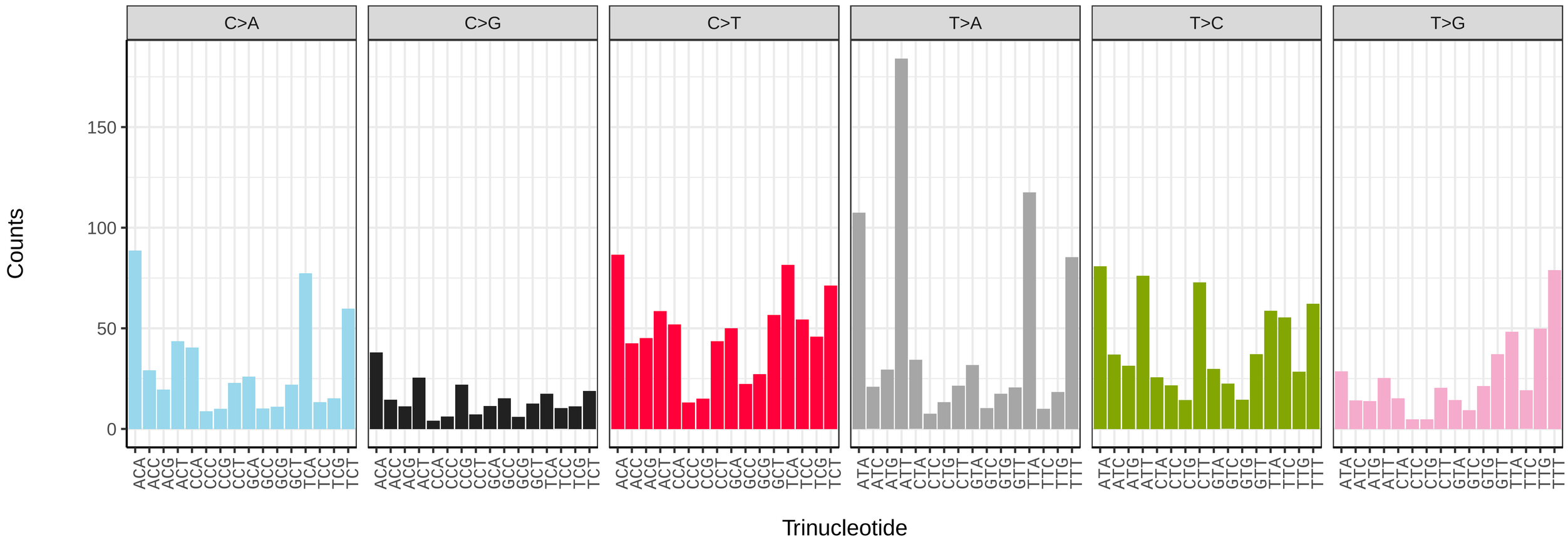
Tachina fera (idTacFera2) somatic mutational spectrum (SBS52 classification)



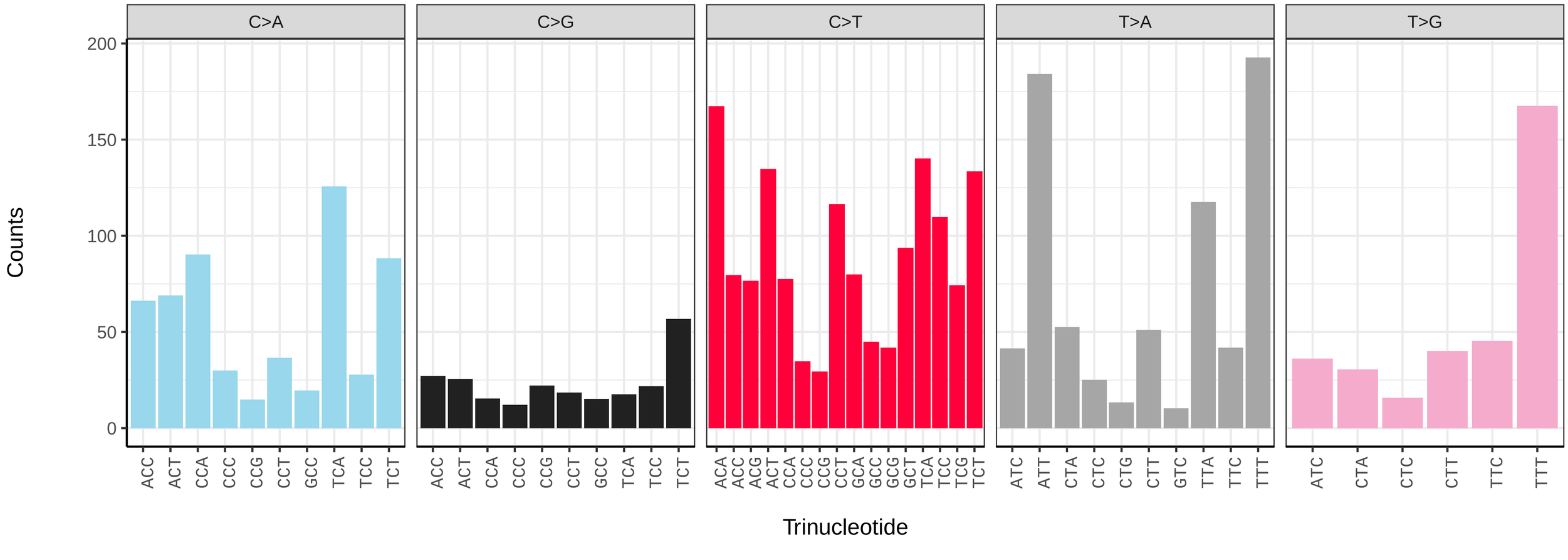
Tachina lurida (idTacLuri1) germline mutational spectrum



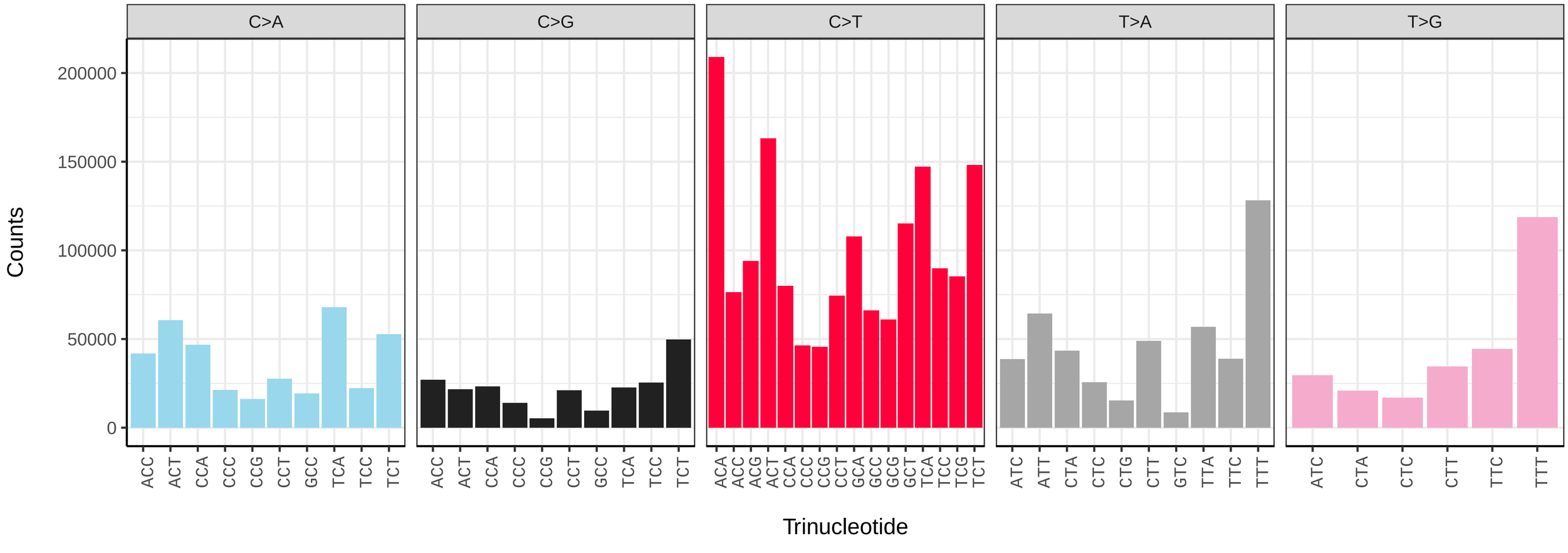
Tachina lurida (idTacLuri1) somatic mutational spectrum (SBS96 classification)



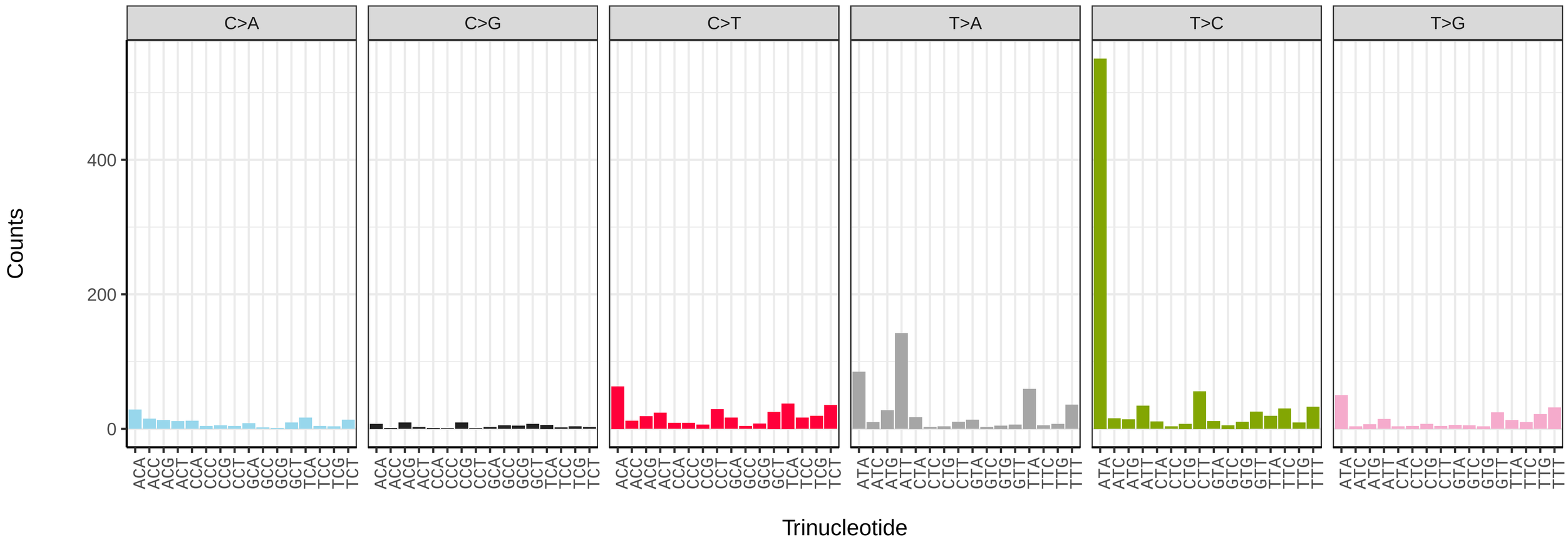
Tachina lurida (idTacLuri1) somatic mutational spectrum (SBS52 classification)



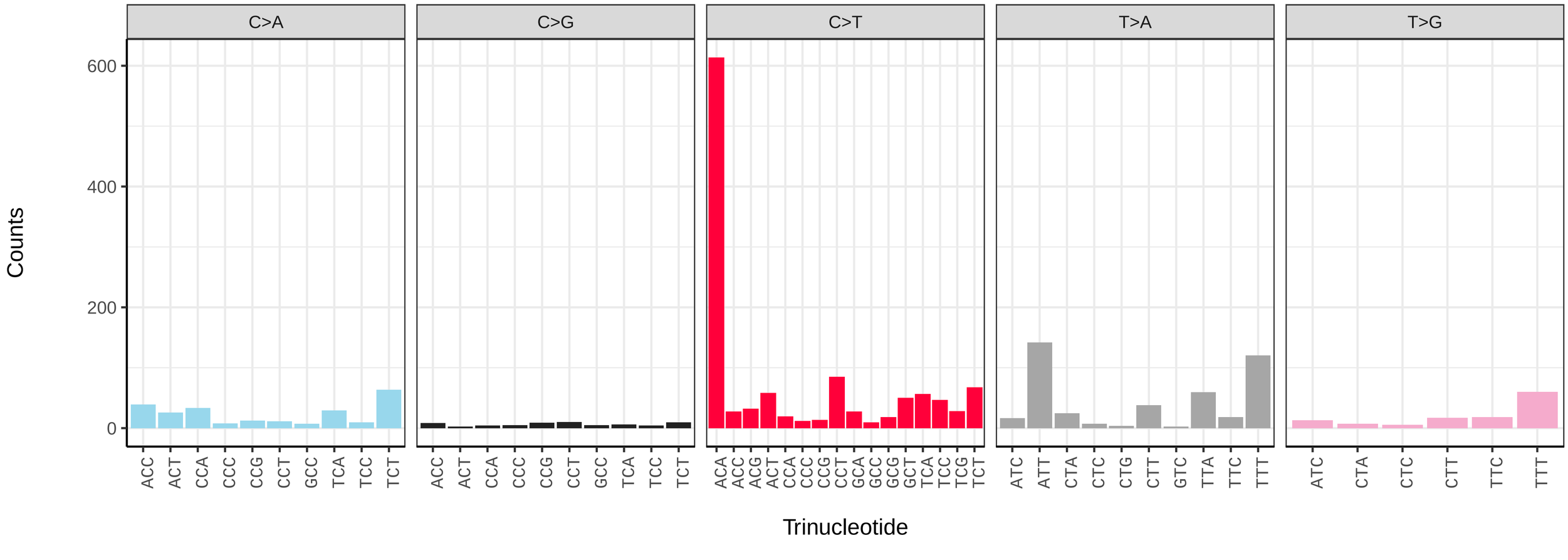
Thecocarcelia acutangulata (idTheAcut1) germline mutational spectrum



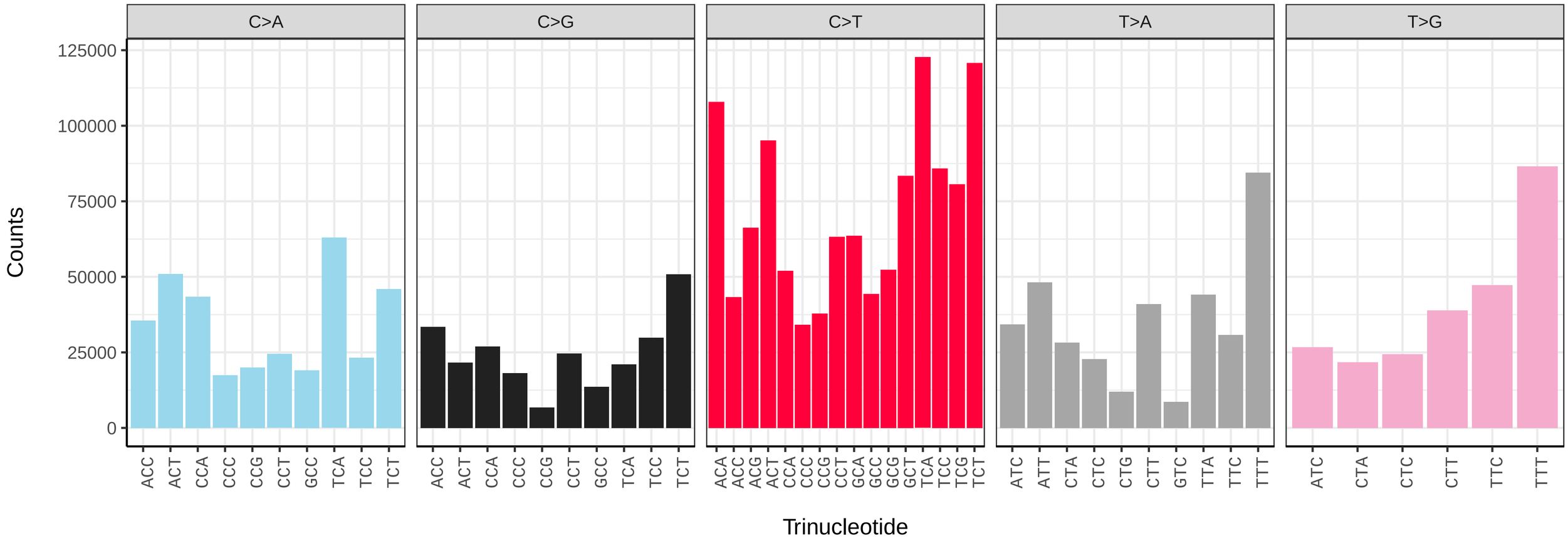
Thecocarcelia acutangulata (idTheAcut1) somatic mutational spectrum (SBS96 classification)



Thecocarcelia acutangulata (idTheAcut1) somatic mutational spectrum (SBS52 classification)



Thecophora atra (idTheAtra2) germline mutational spectrum



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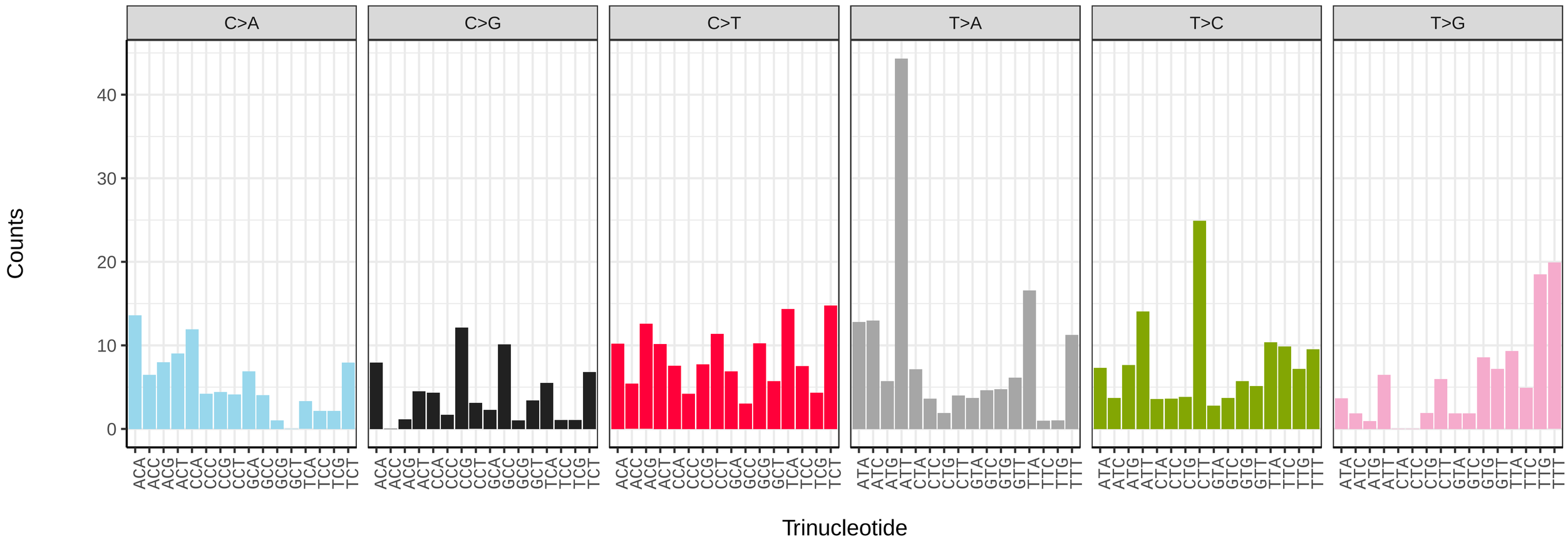

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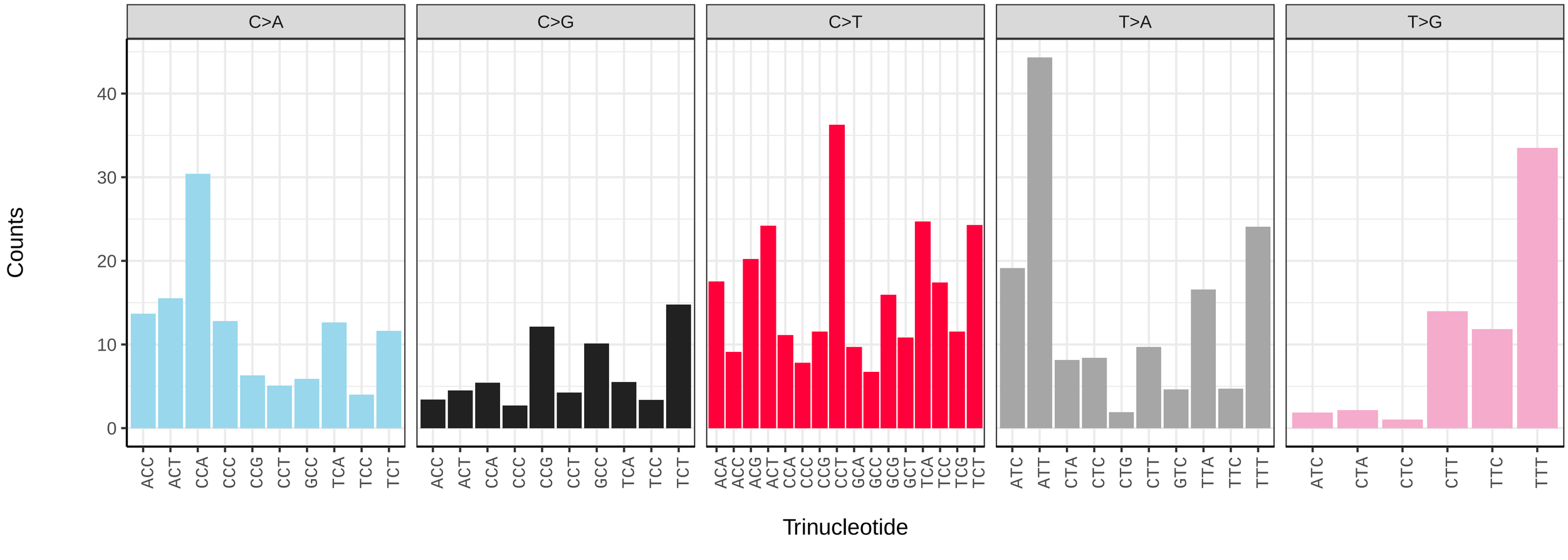
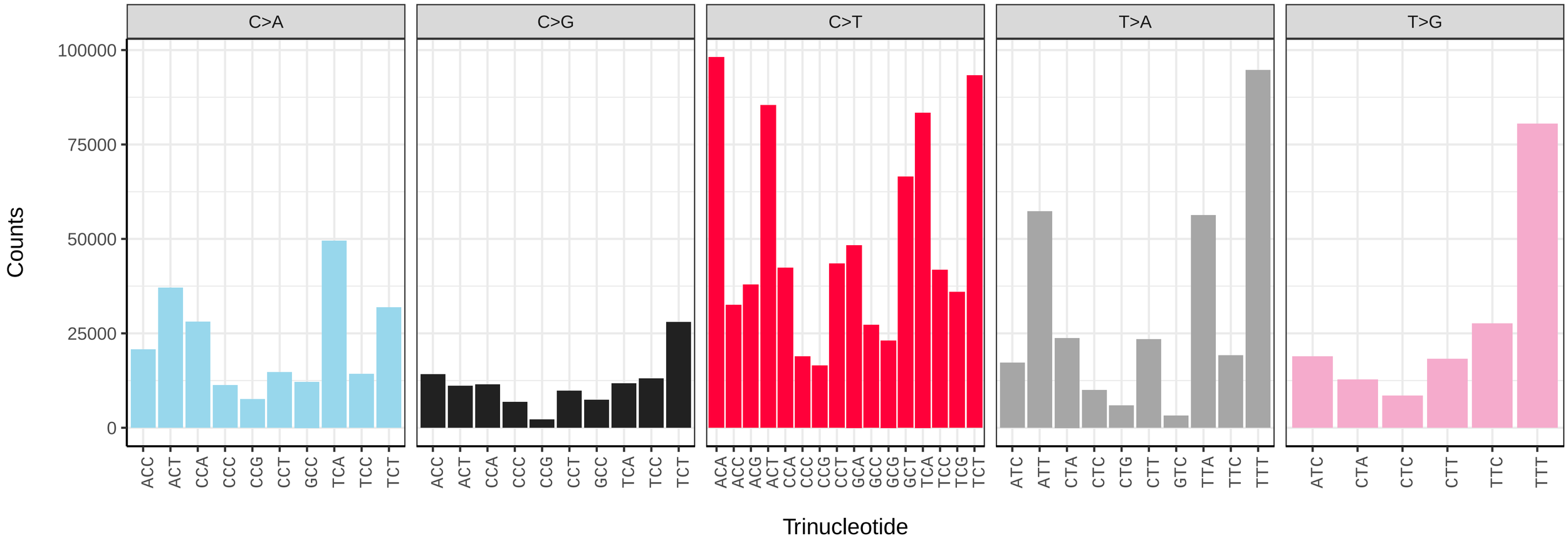
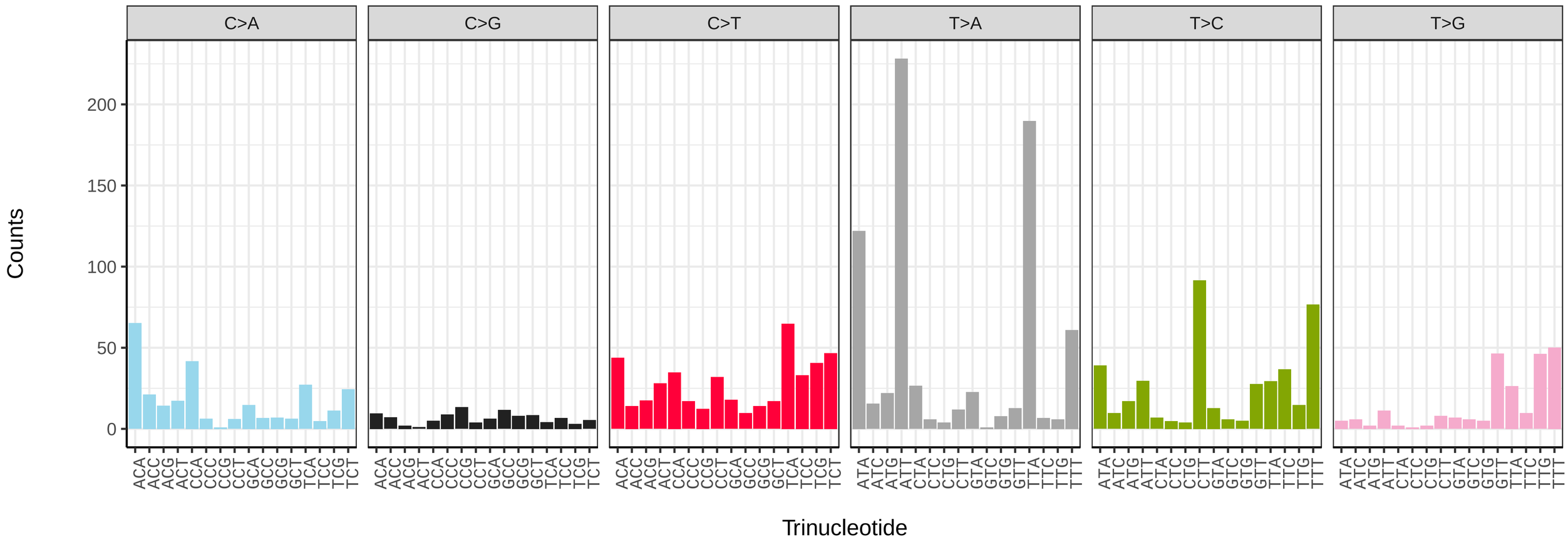


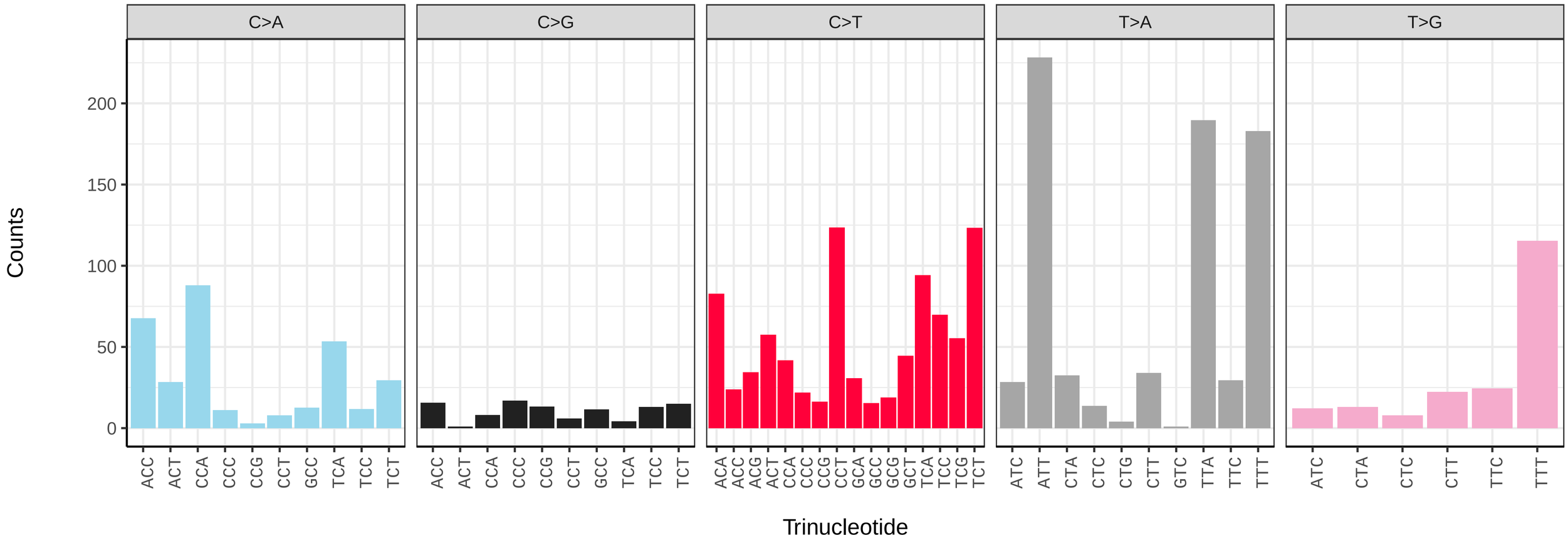
Thelaira solivaga (idTheSoli1) germline mutational spectrum



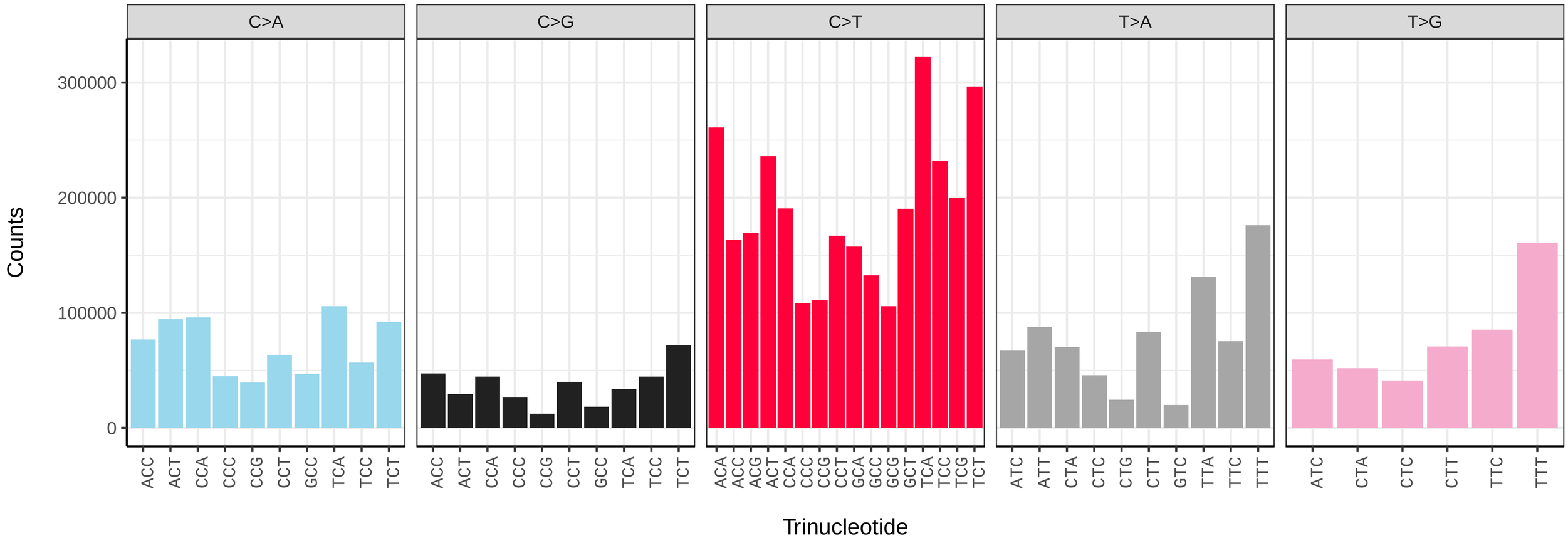
Thelaira solivaga (idTheSoli1) somatic mutational spectrum (SBS96 classification)



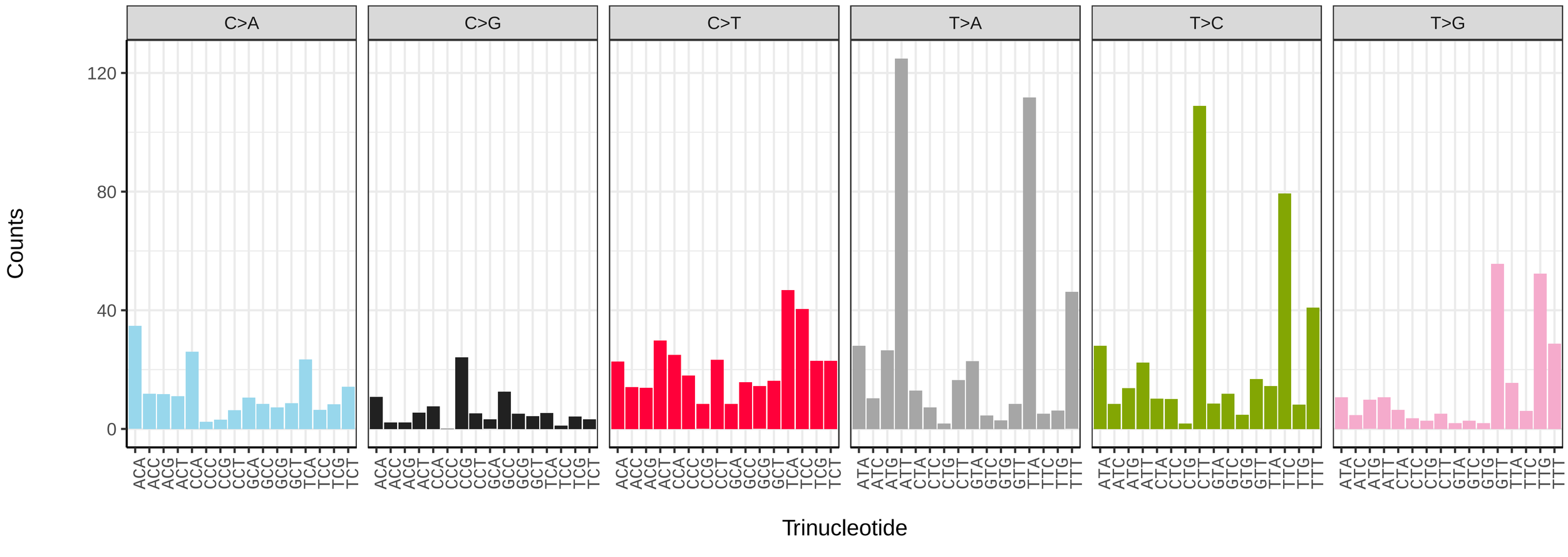
Thelaira solivaga (idTheSoli1) somatic mutational spectrum (SBS52 classification)



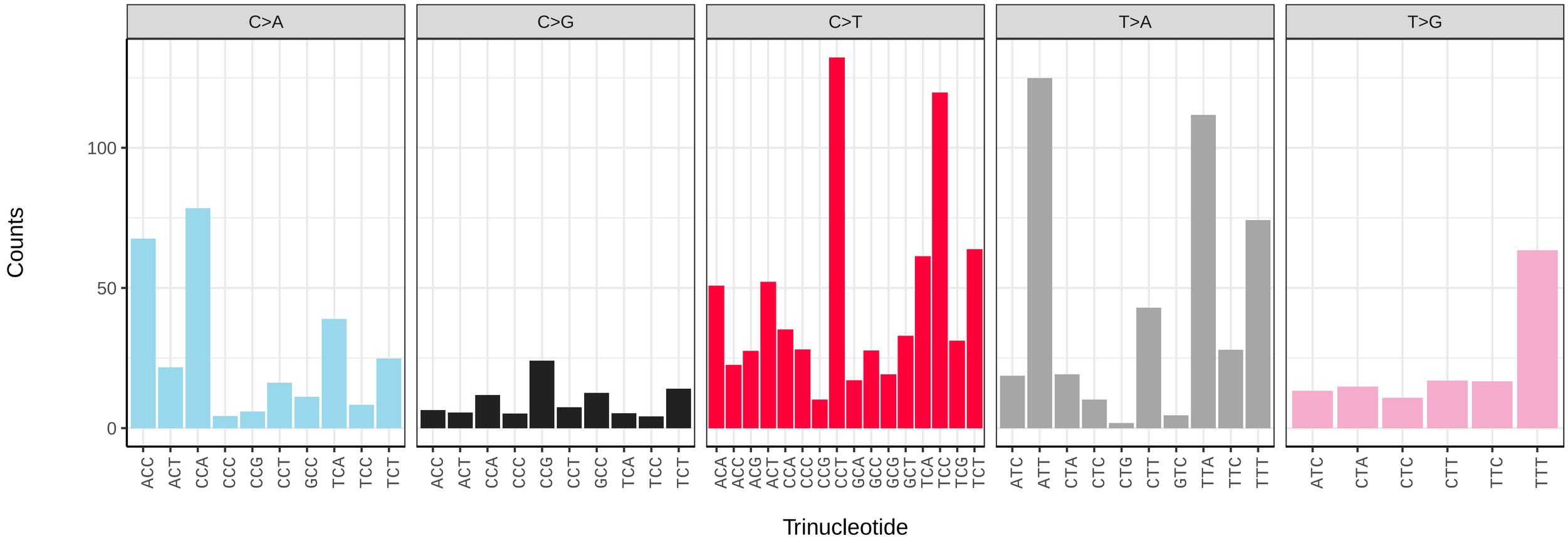
Volucella inanis (idVolInan1) germline mutational spectrum



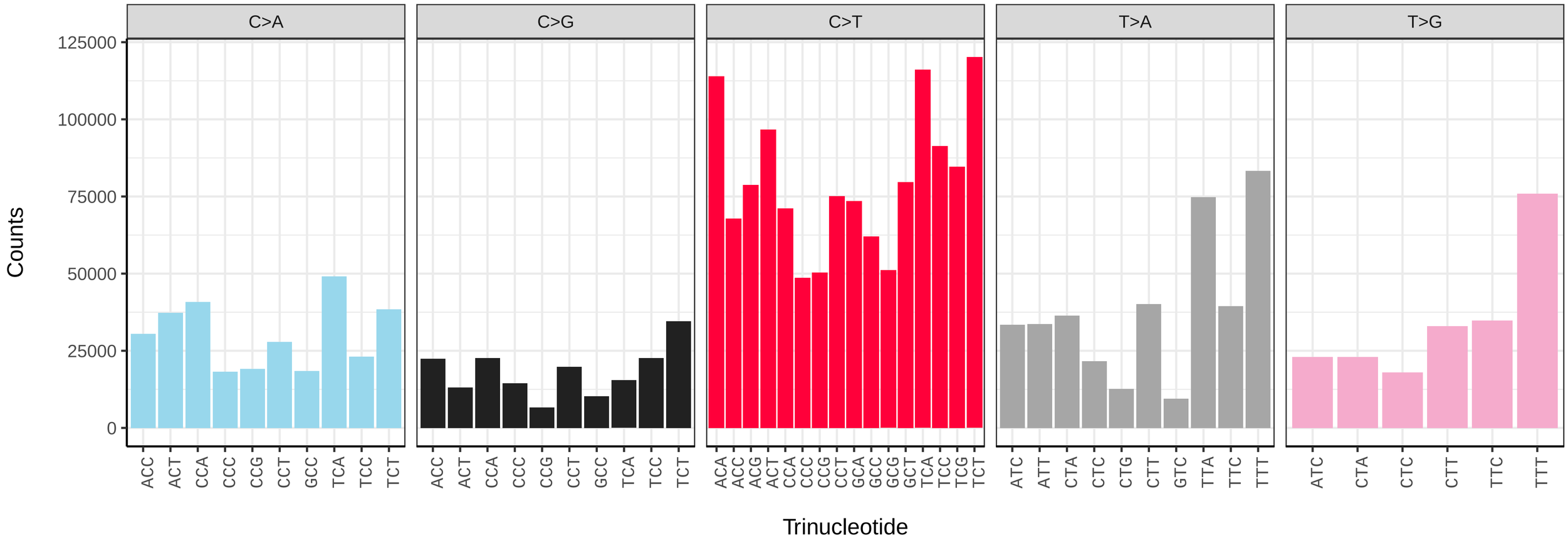
Volucella inanis (idVolInan1) somatic mutational spectrum (SBS96 classification)



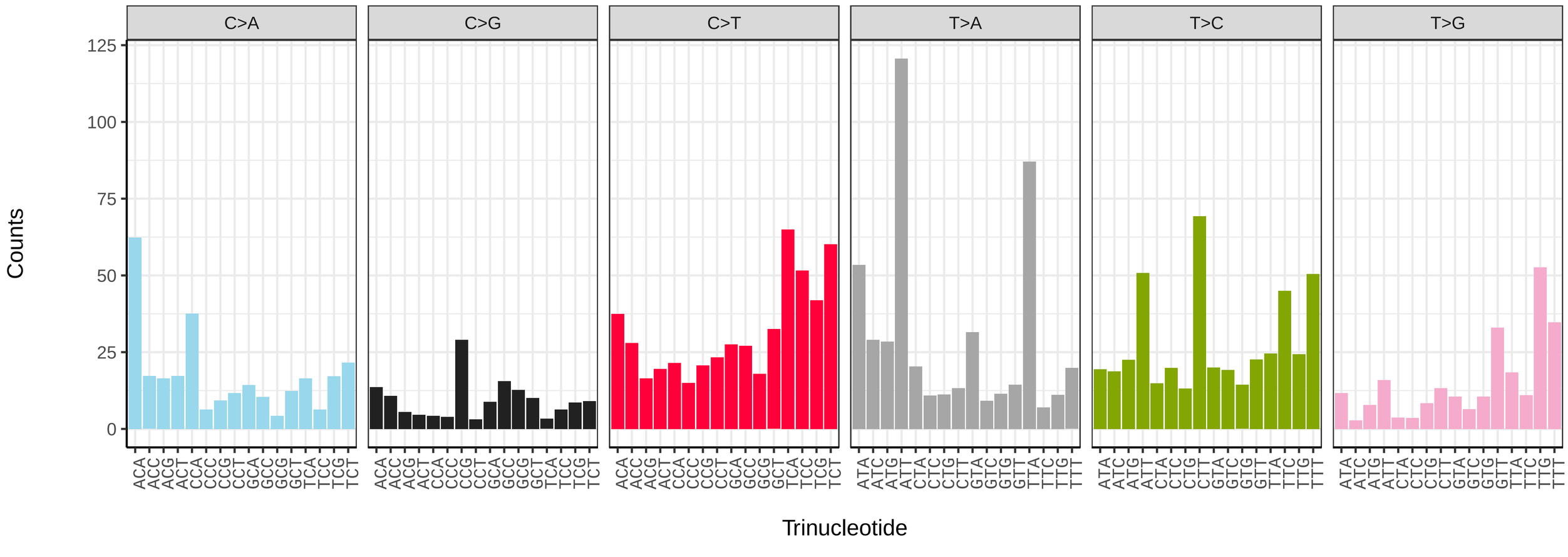
Volucella inanis (idVolInan1) somatic mutational spectrum (SBS52 classification)



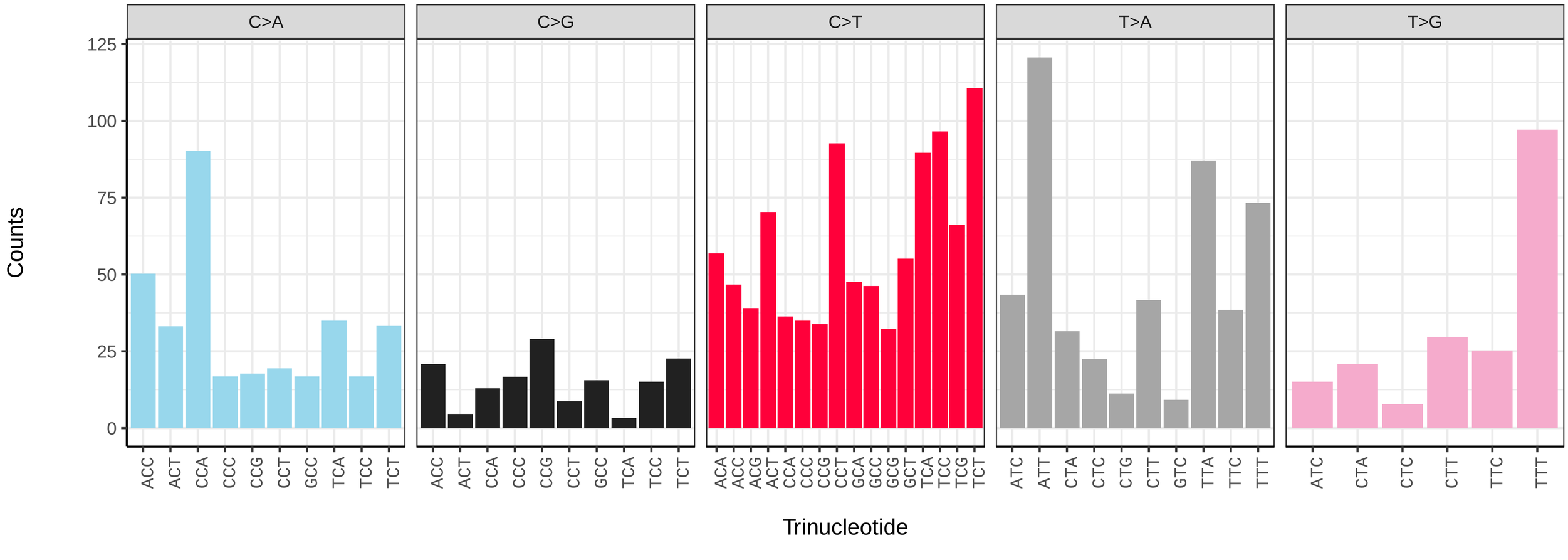
Volucella inflata (idVolInfl1) germline mutational spectrum



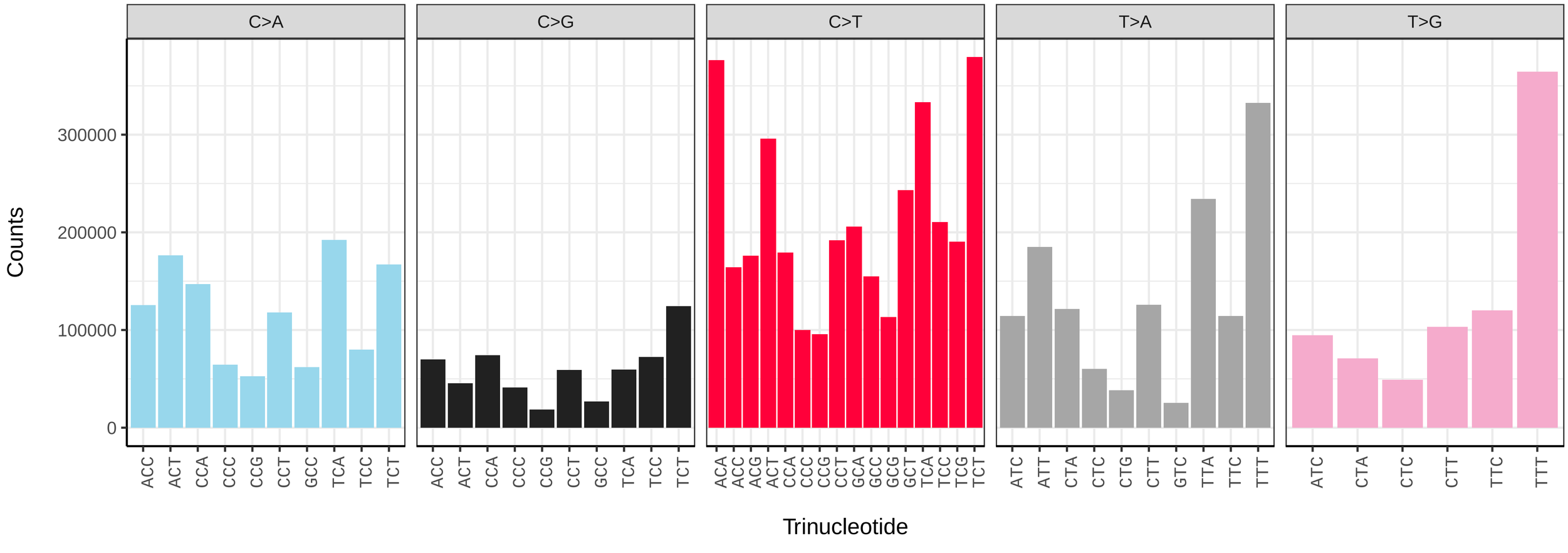
Volucella inflata (idVolInfl1) somatic mutational spectrum (SBS96 classification)



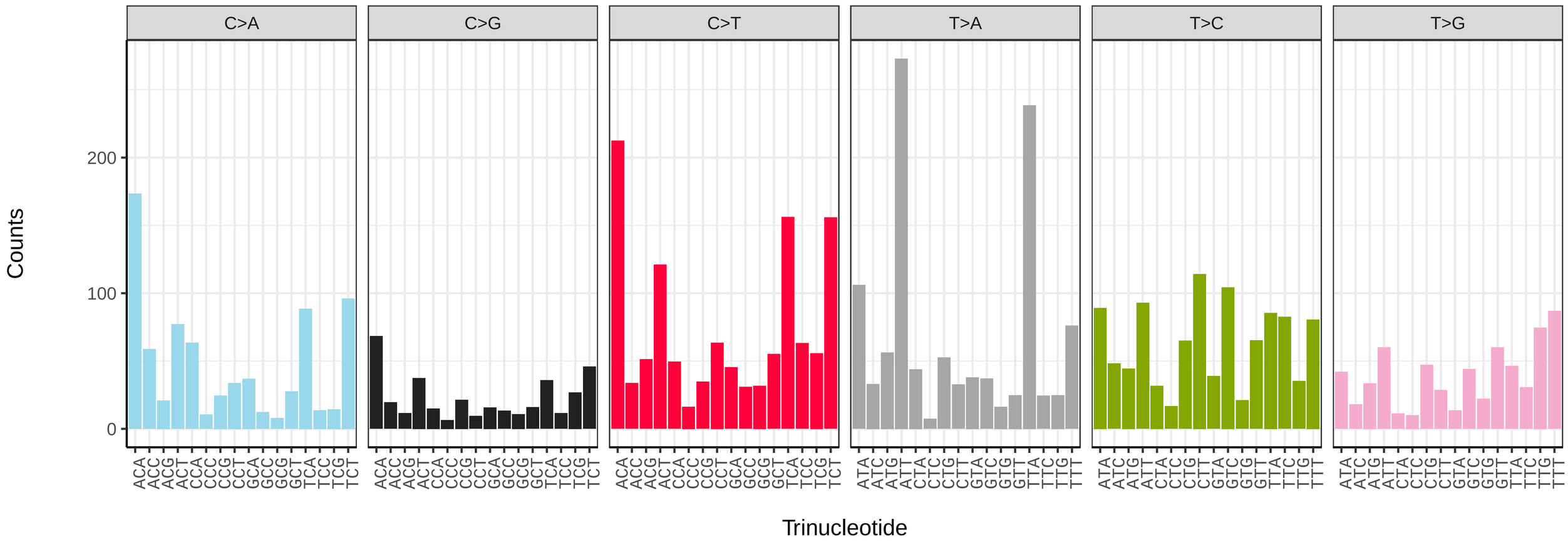
Volucella inflata (idVolInfl1) somatic mutational spectrum (SBS52 classification)



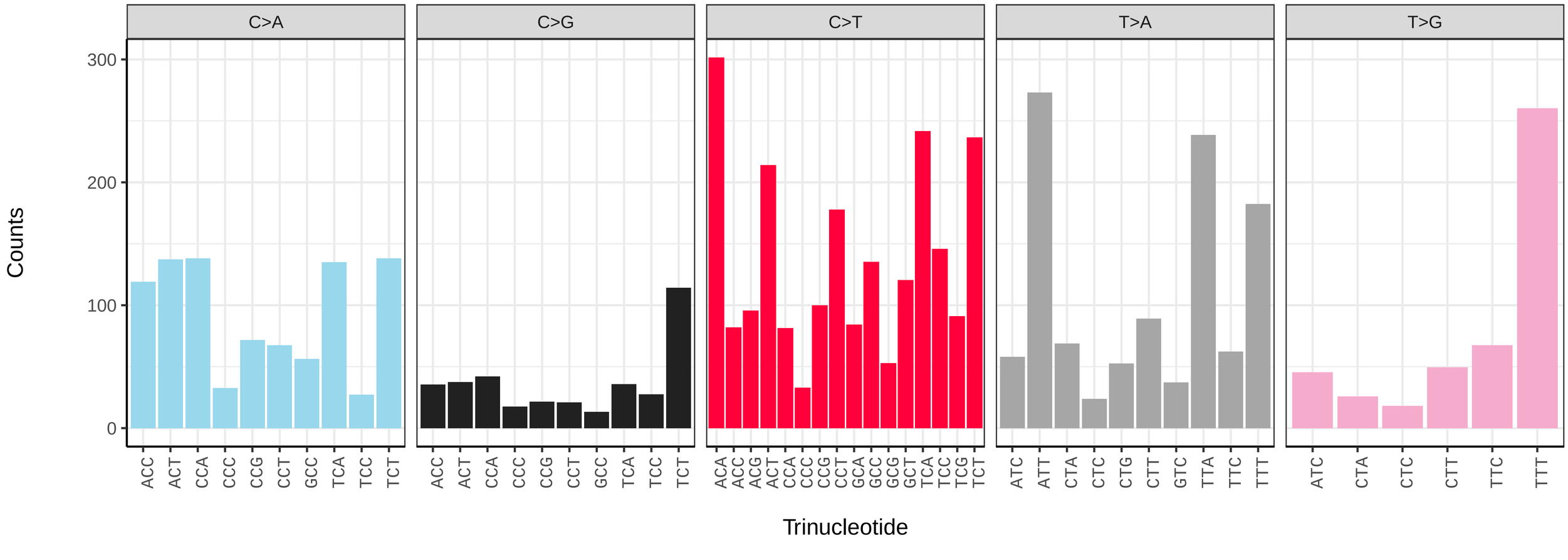
Xanthogramma pedissequum (idXanPedi1) germline mutational spectrum



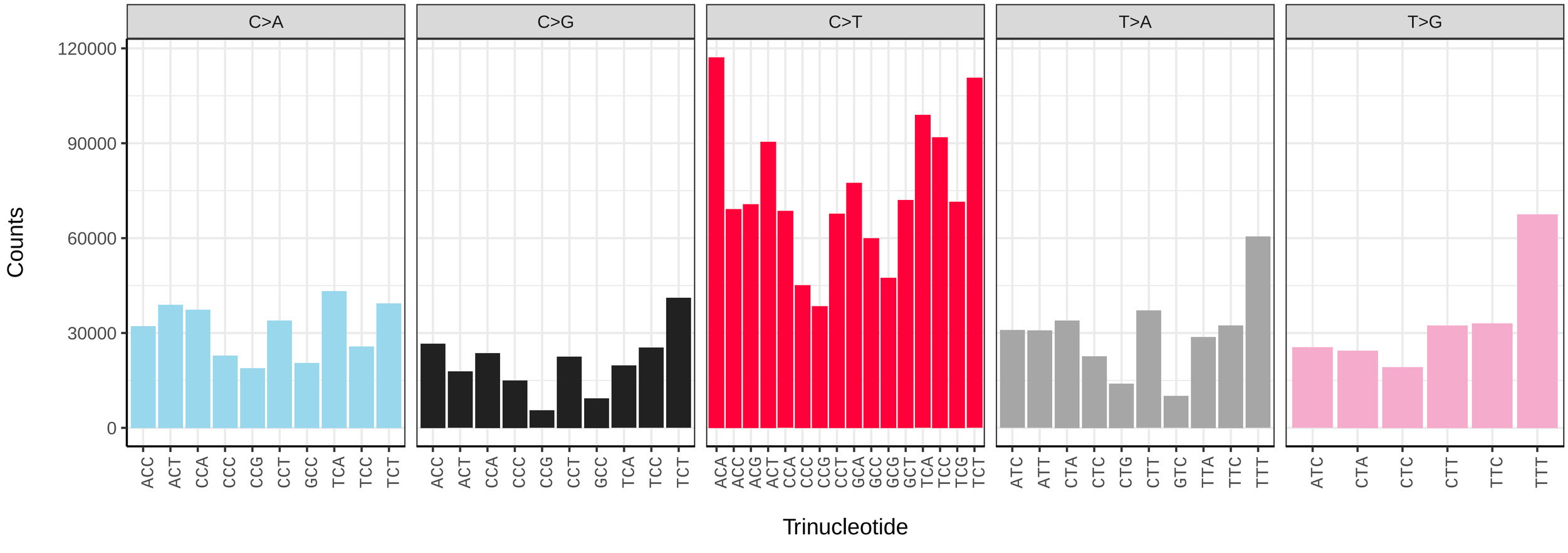
Xanthogramma pedissequum (idXanPedi1) somatic mutational spectrum (SBS96 classification)



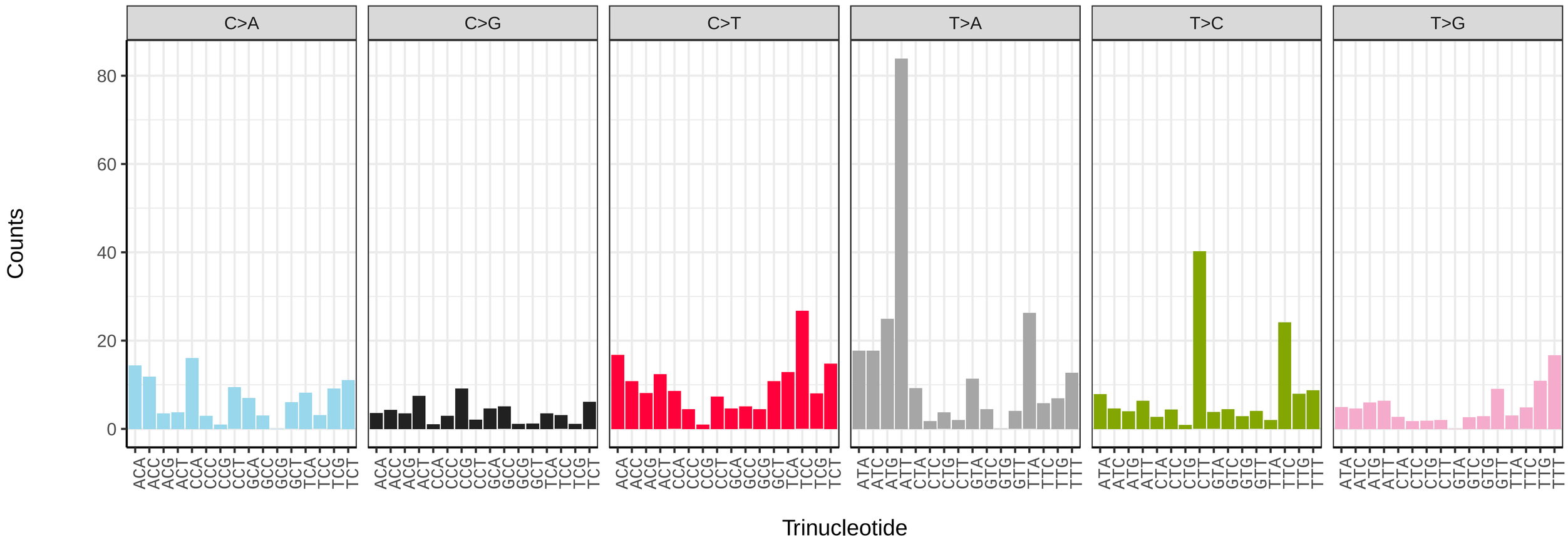
Xanthogramma pedissequum (idXanPedi1) somatic mutational spectrum (SBS52 classification)



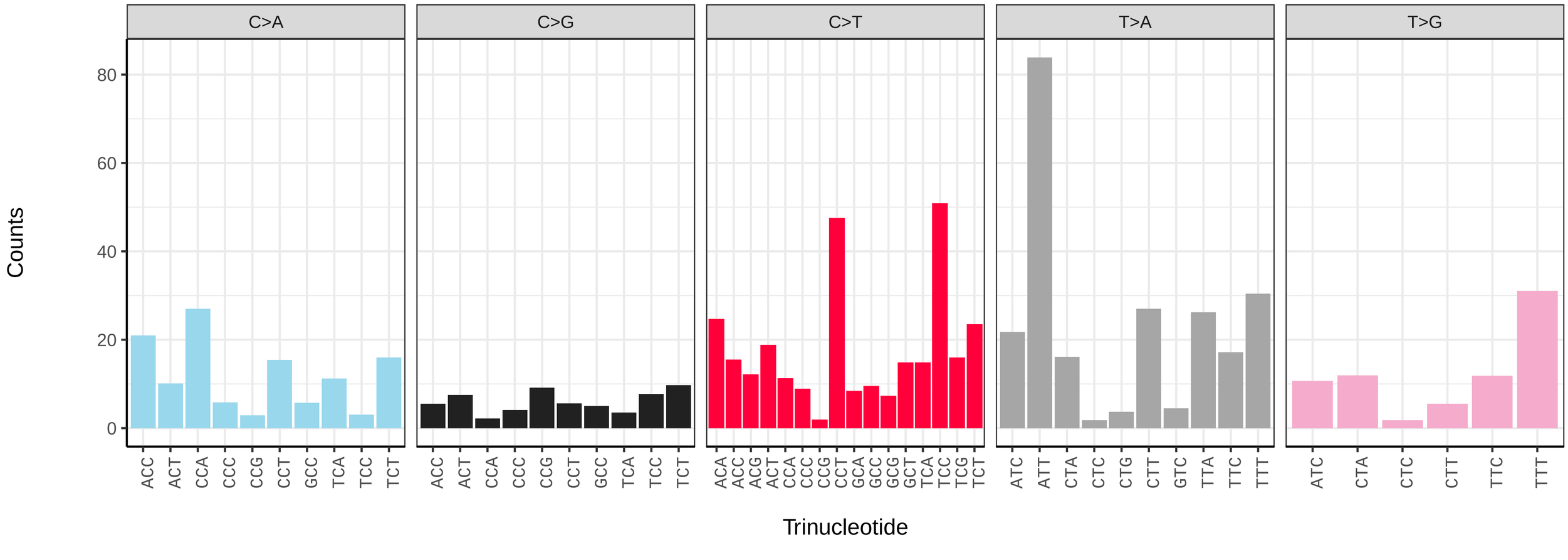
Xylota sylvarum (idXylSylv2) germline mutational spectrum



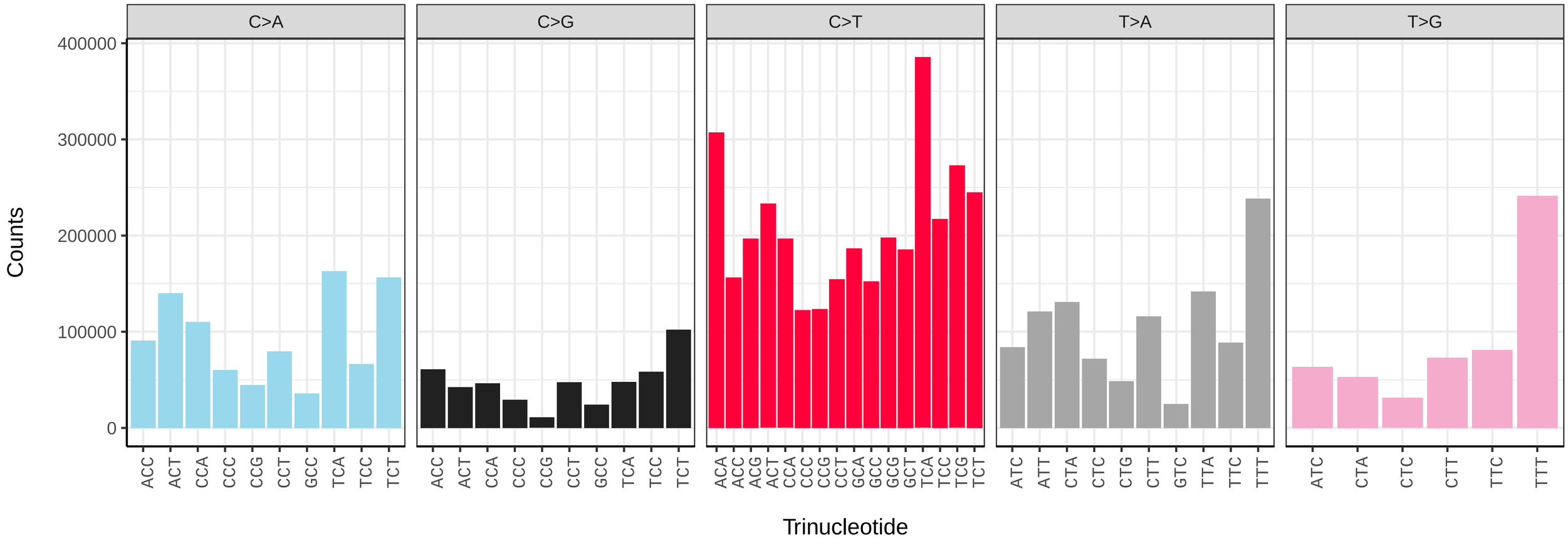
Xylota sylvarum (idXylSylv2) somatic mutational spectrum (SBS96 classification)



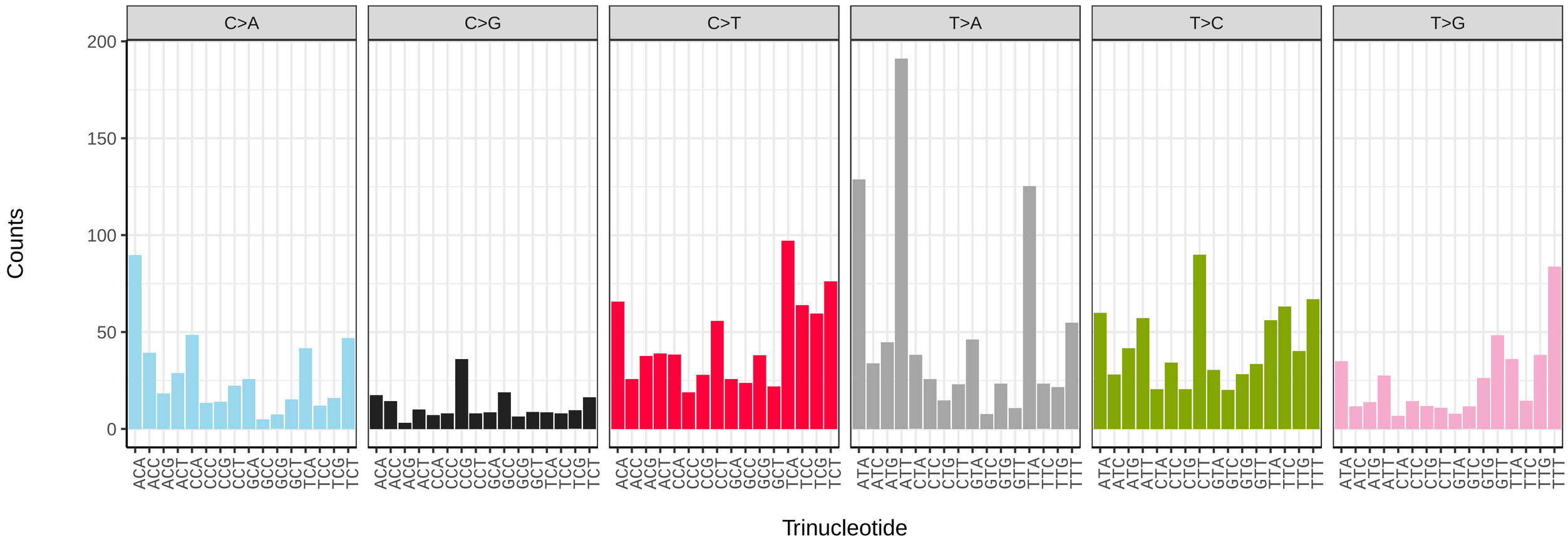
Xylota sylvarum (idXylSylv2) somatic mutational spectrum (SBS52 classification)



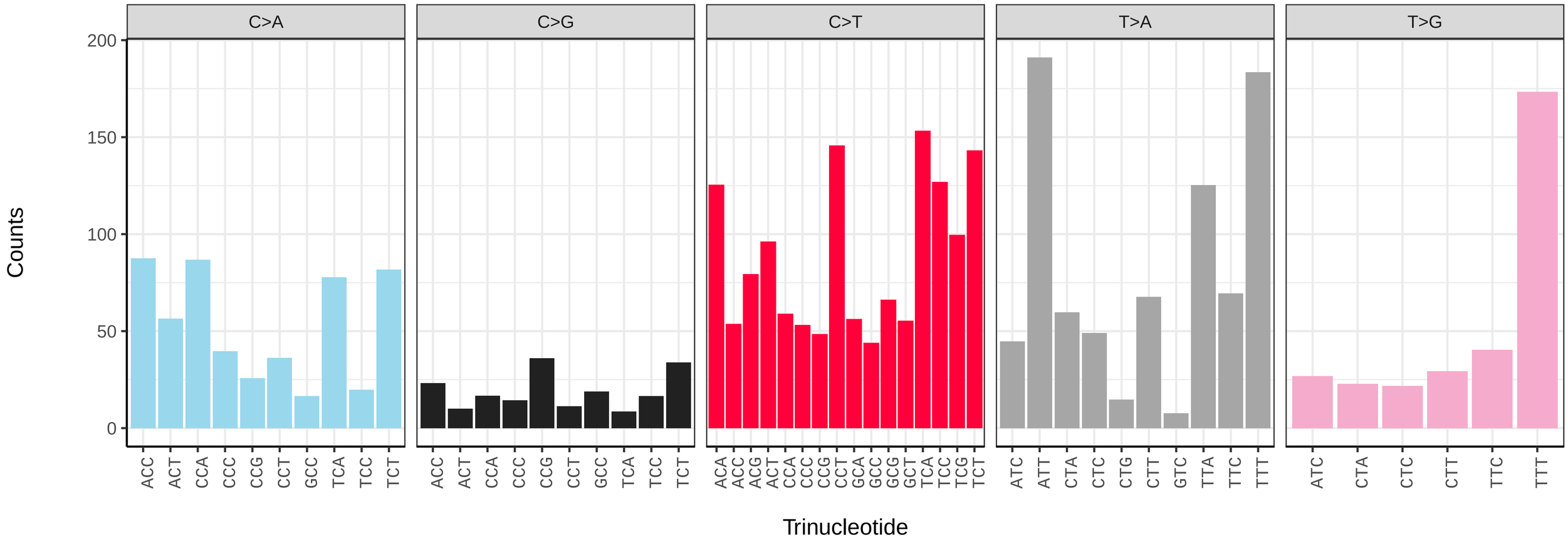
Acanthosoma haemorrhoidale (ihAcaHaem1) germline mutational spectrum



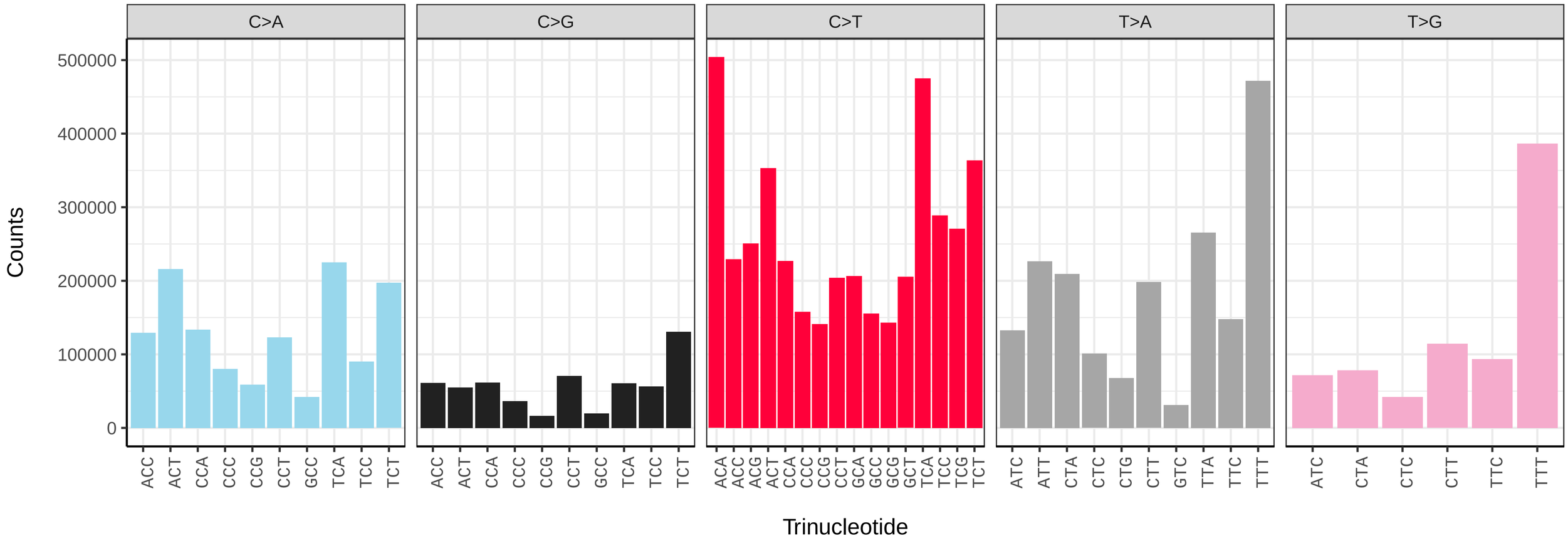
Acanthosoma haemorrhoidale (ihAcaHaem1) somatic mutational spectrum (SBS96 classification)



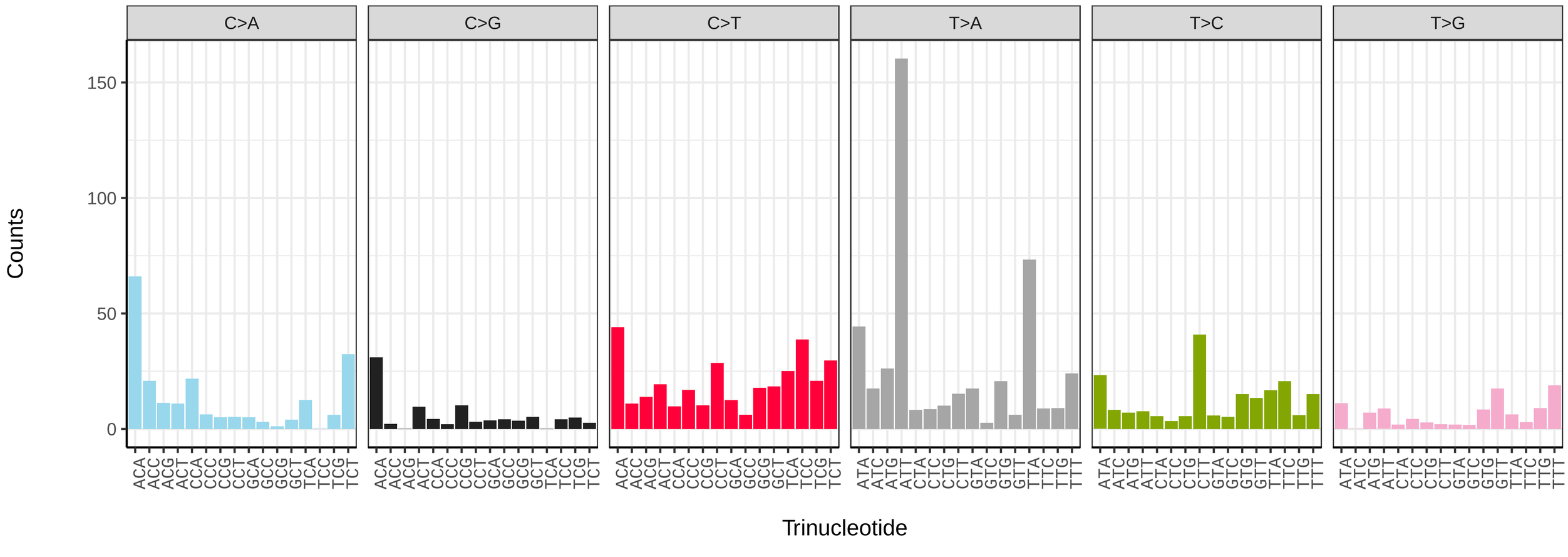
Acanthosoma haemorrhoidale (ihAcaHaem1) somatic mutational spectrum (SBS52 classification)



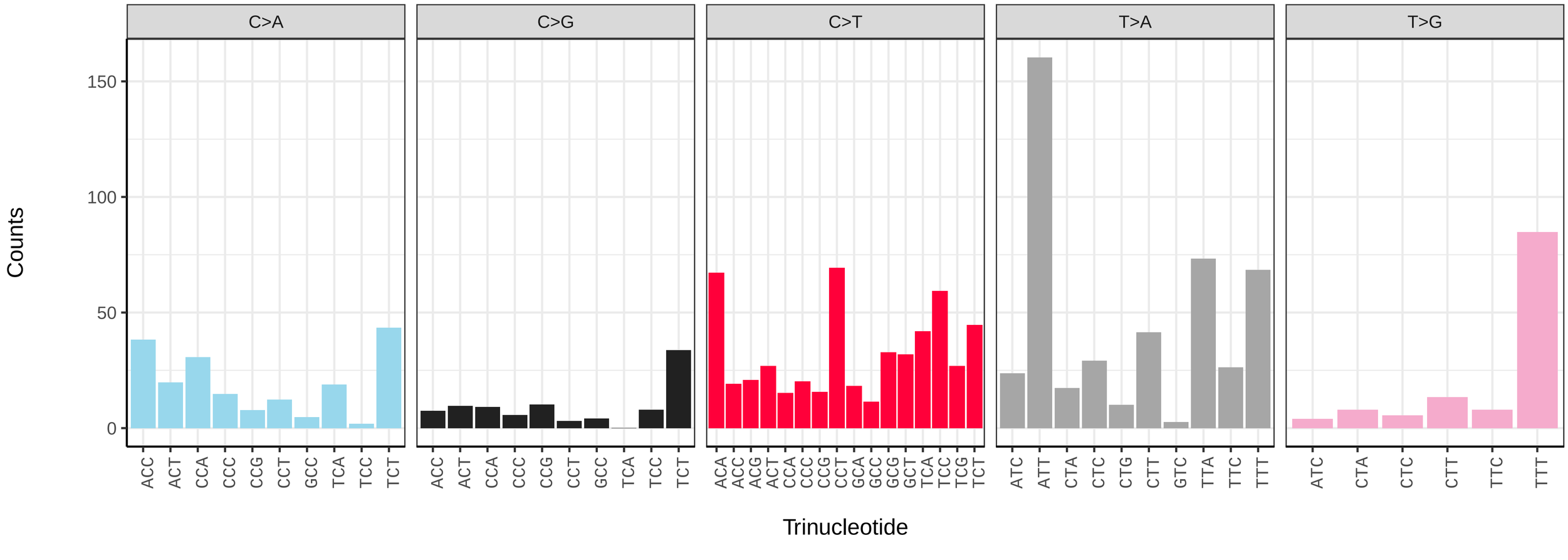
Aelia acuminata (ihAelAcum1) germline mutational spectrum



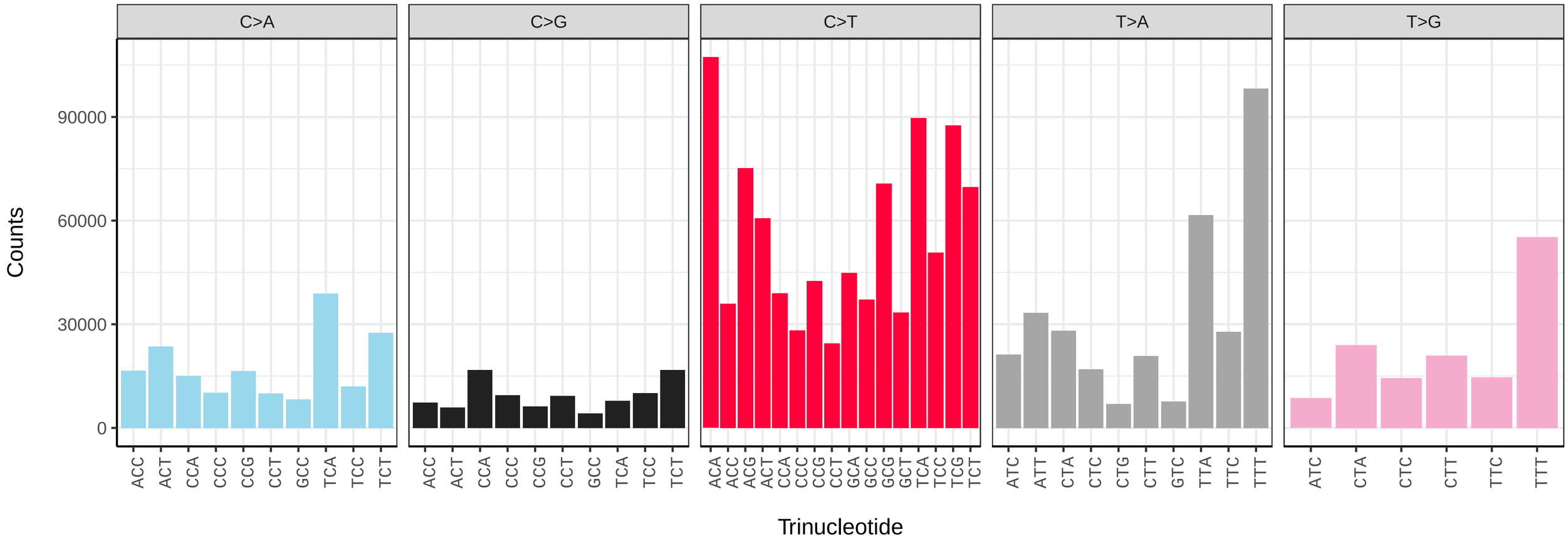
Aelia acuminata (ihAelAcum1) somatic mutational spectrum (SBS96 classification)



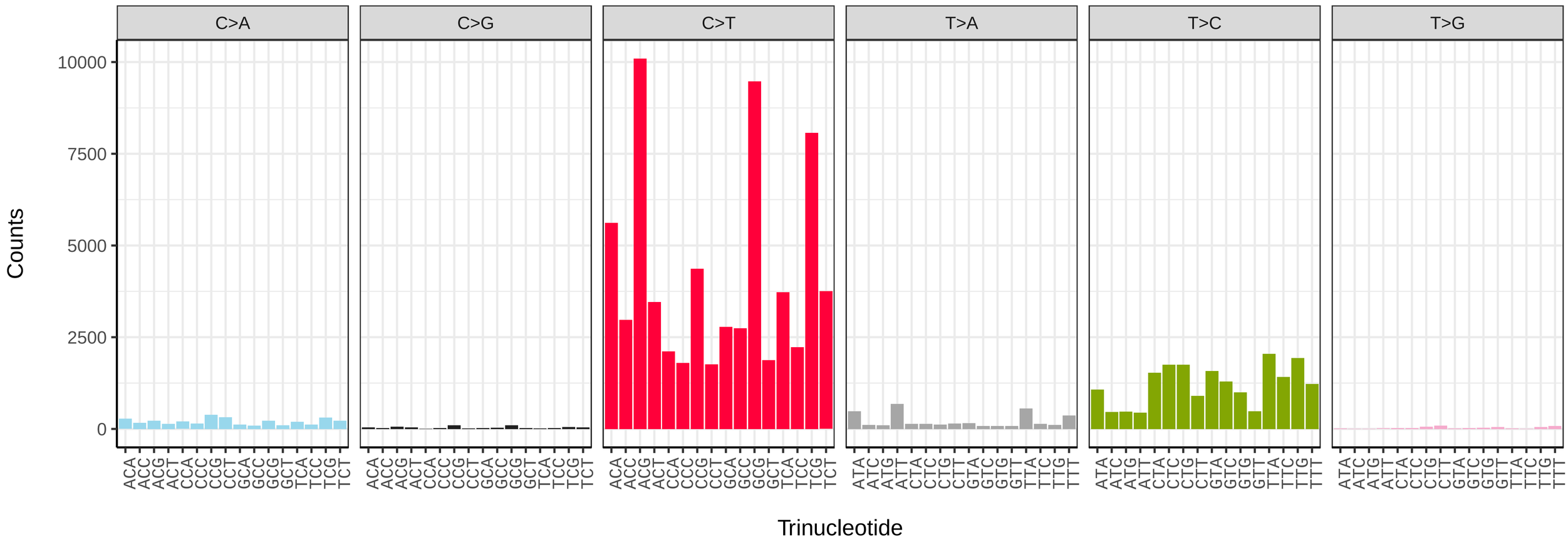
Aelia acuminata (ihAelAcum1) somatic mutational spectrum (SBS52 classification)



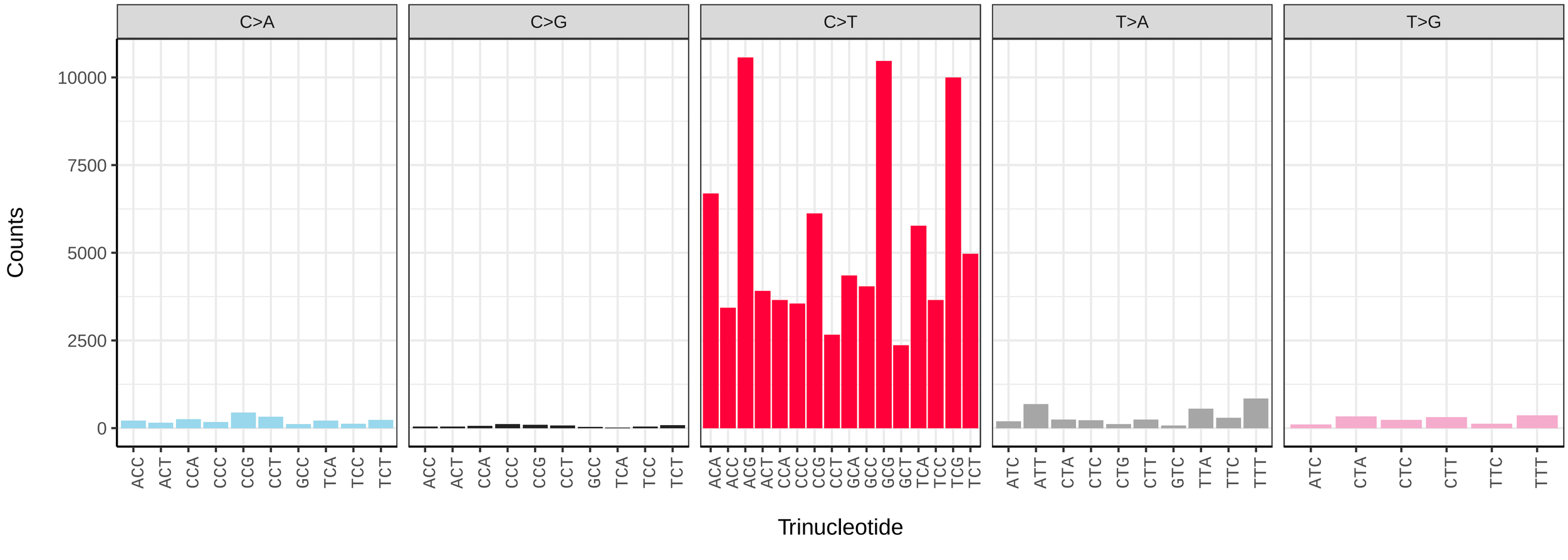
Drepanosiphum platanoidis (ihDrePlat2) germline mutational spectrum



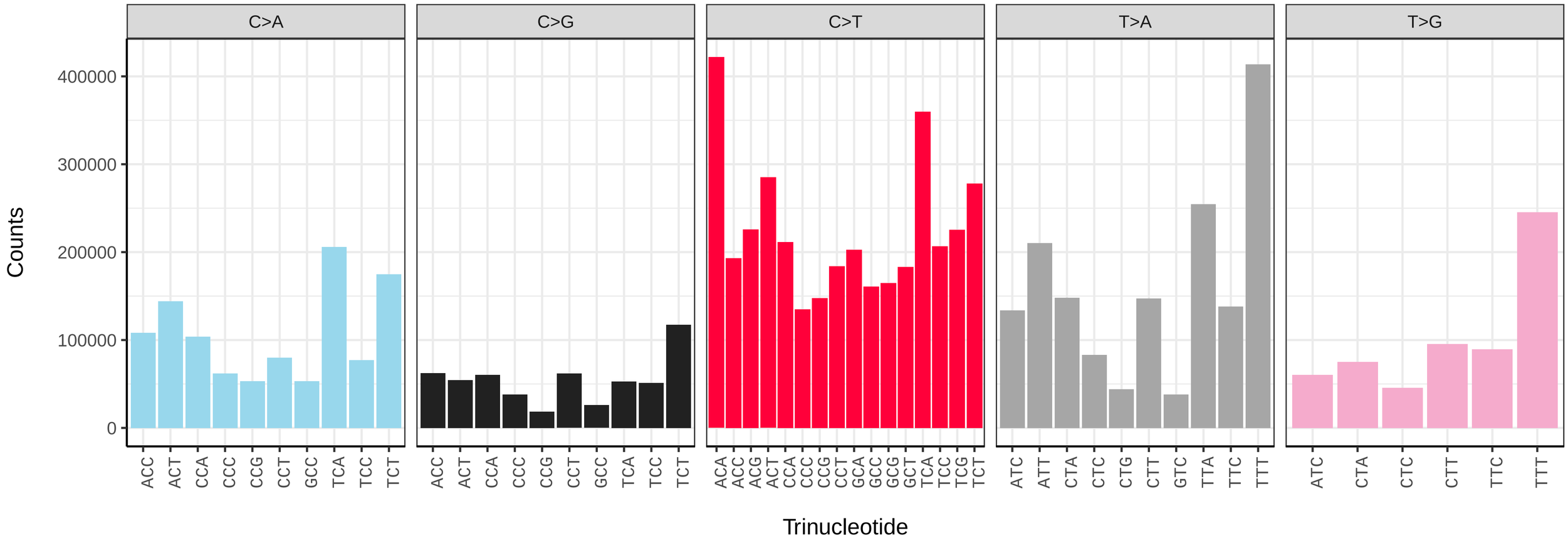
Drepanosiphum platanoidis (ihDrePlat2) somatic mutational spectrum (SBS96 classification)



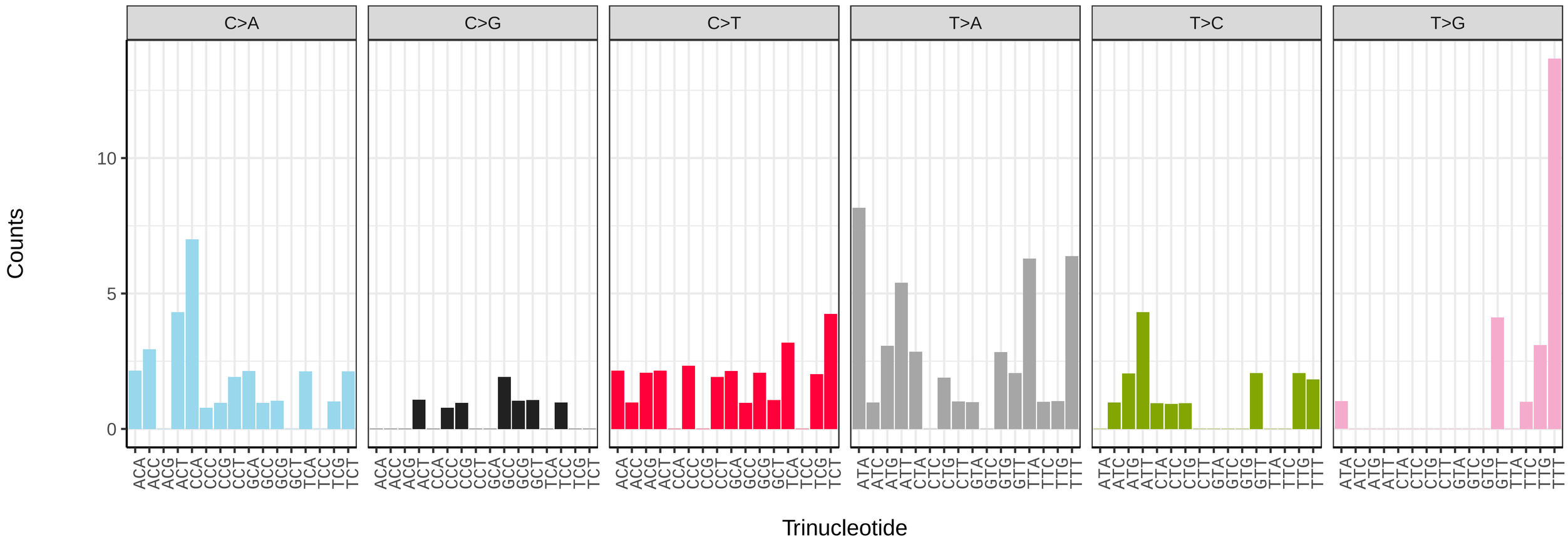
Drepanosiphum platanoidis (ihDrePlat2) somatic mutational spectrum (SBS52 classification)



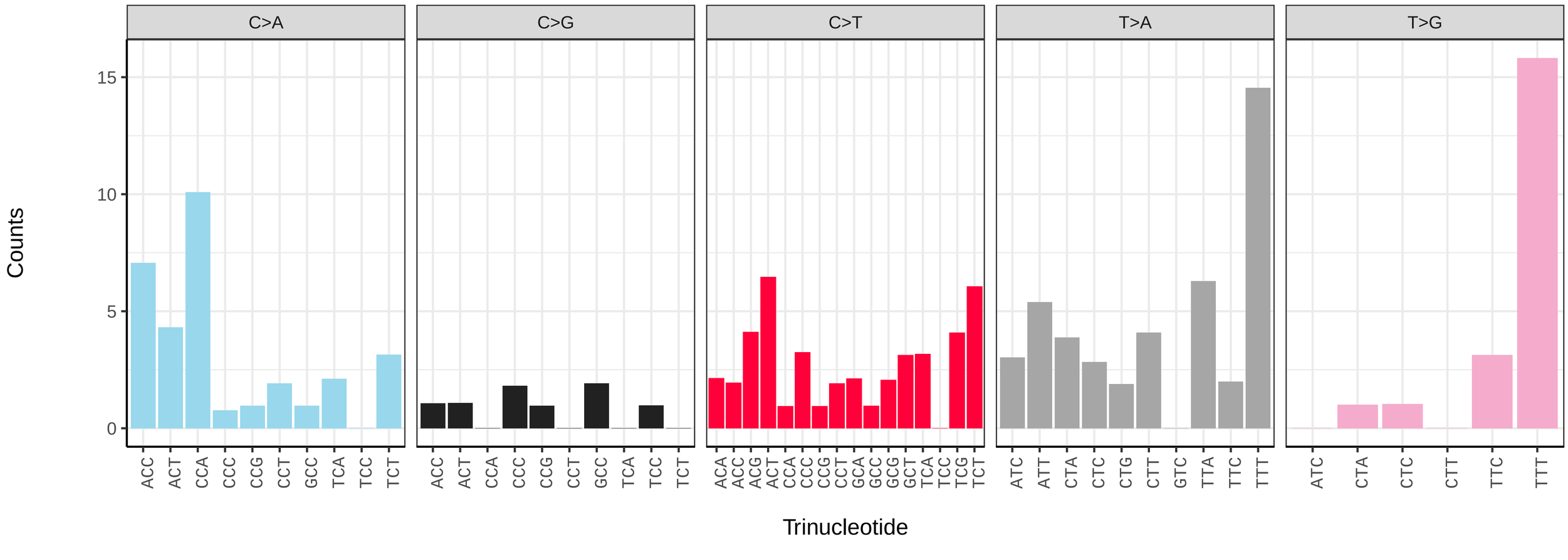
Hemaris fuciformis (iHemFuc1.iHemFuc2) germline mutational spectrum



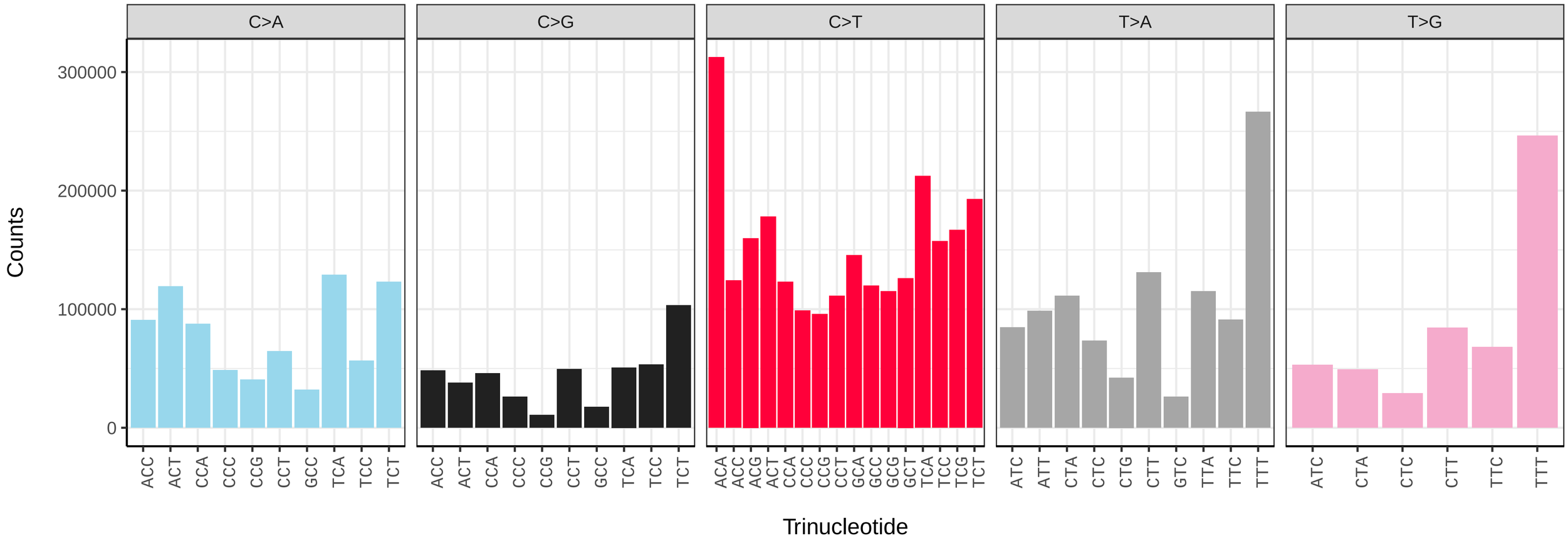
Hemaris fuciformis (iHemFuc1.iHemFuc2) somatic mutational spectrum (SBS96 classification)



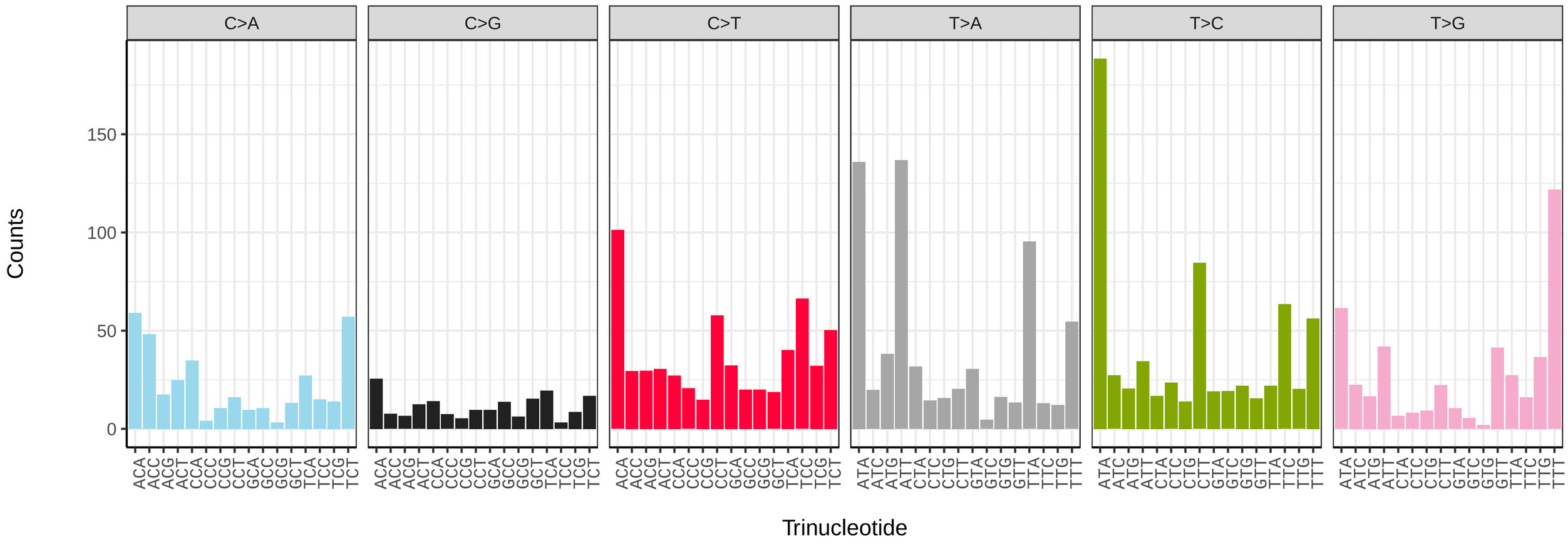
Hemaris fuciformis (iHemFuc1.iHemFuc2) somatic mutational spectrum (SBS52 classification)



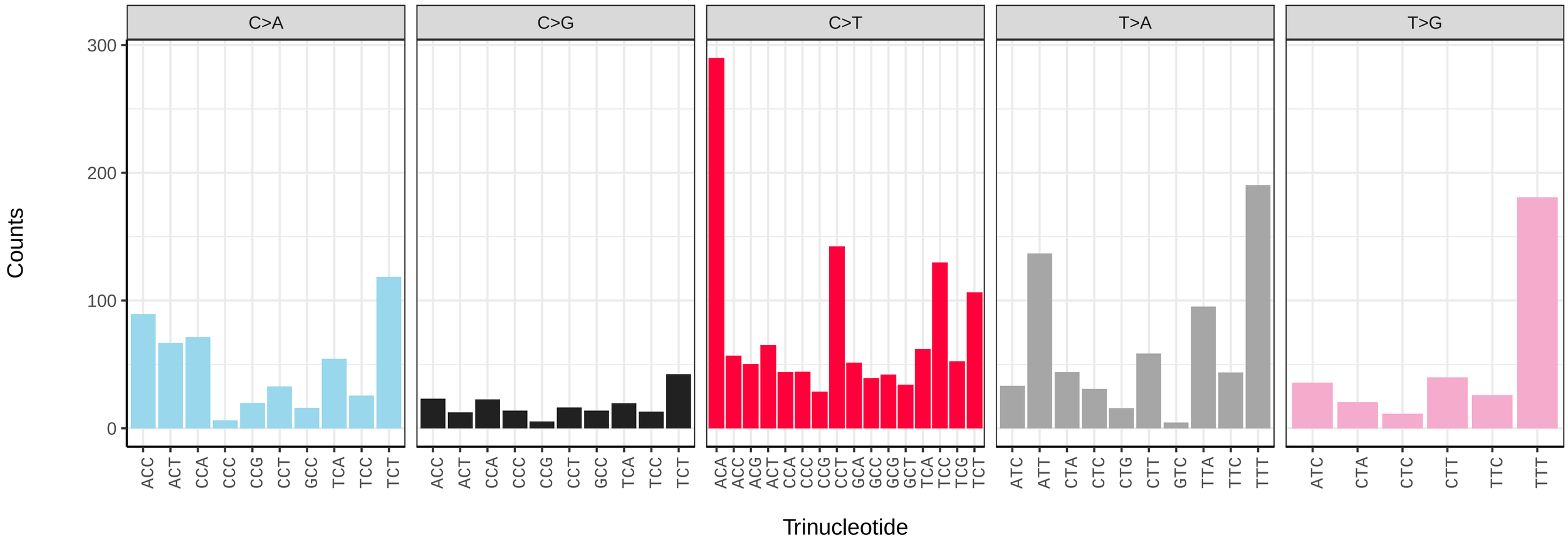
Gonocerus acuteangulatus (ihGonAcut1) germline mutational spectrum



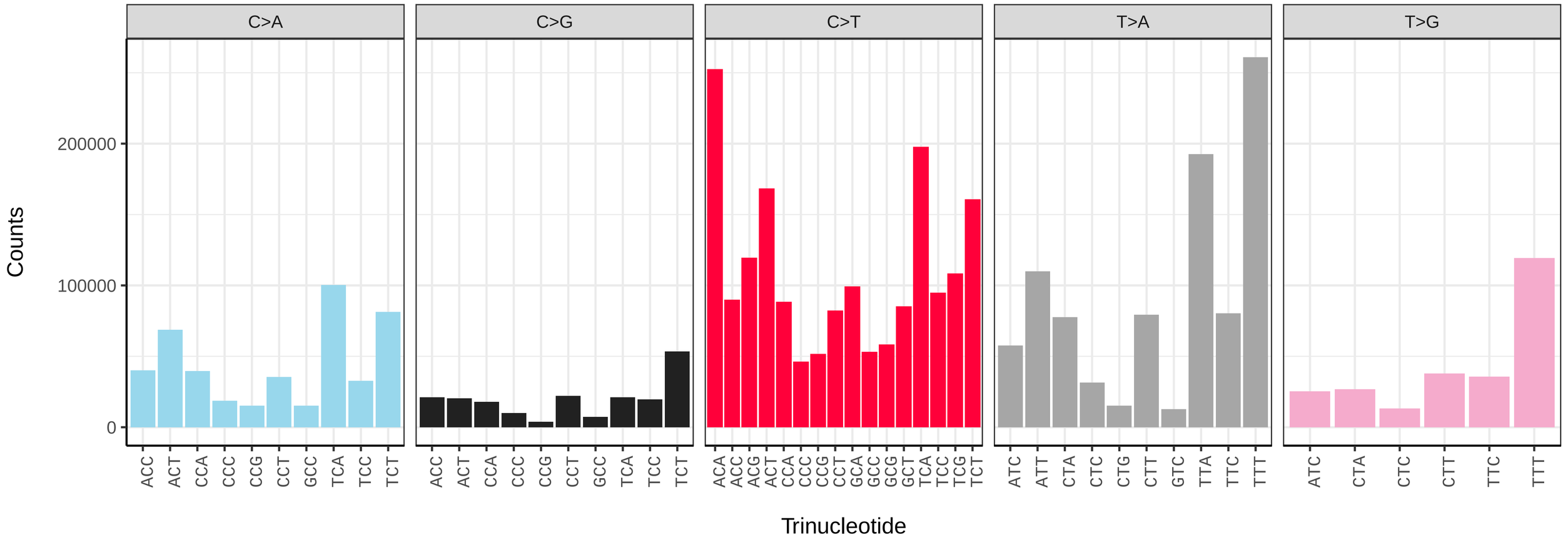
Gonocerus acuteangulatus (ihGonAcut1) somatic mutational spectrum (SBS96 classification)



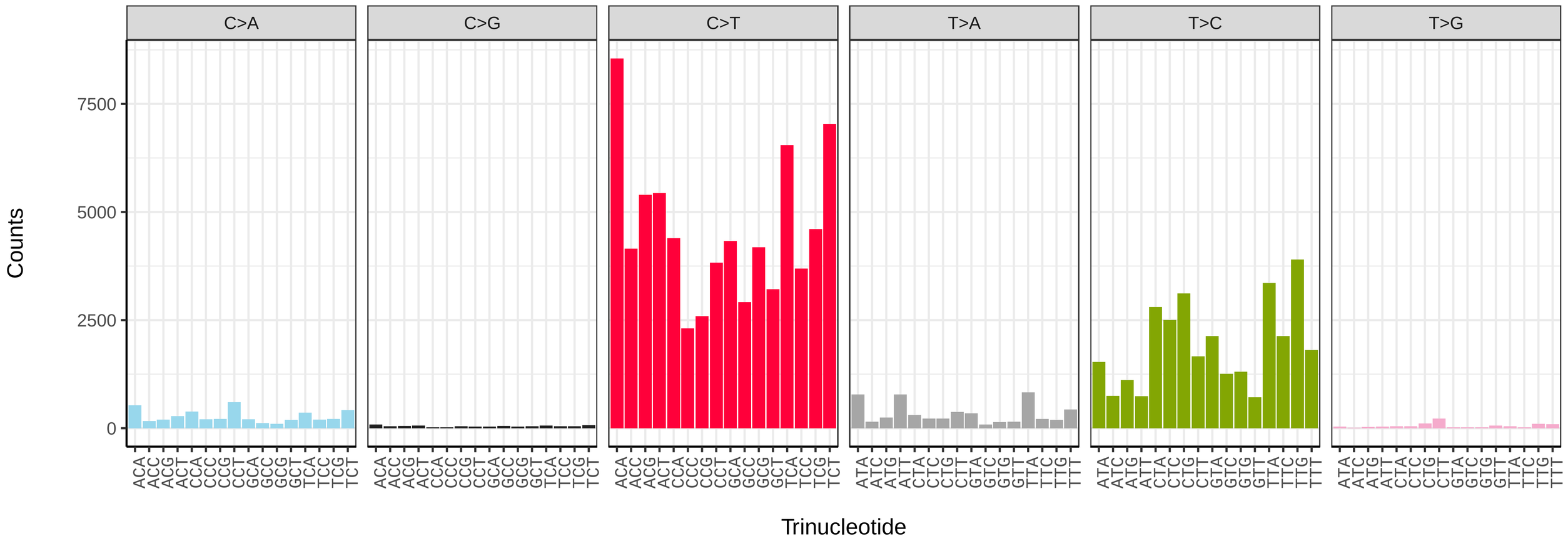
Gonocerus acuteangulatus (ihGonAcut1) somatic mutational spectrum (SBS52 classification)



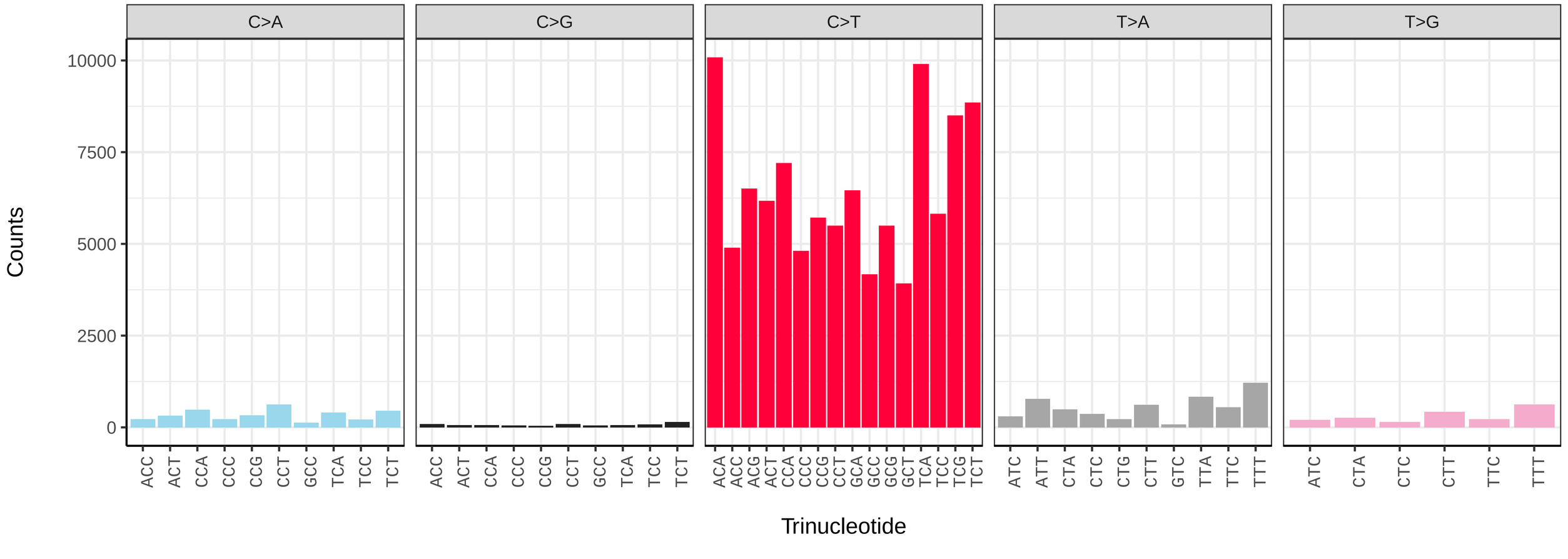
Athripsodes cinereus (iiAthCine2) germline mutational spectrum



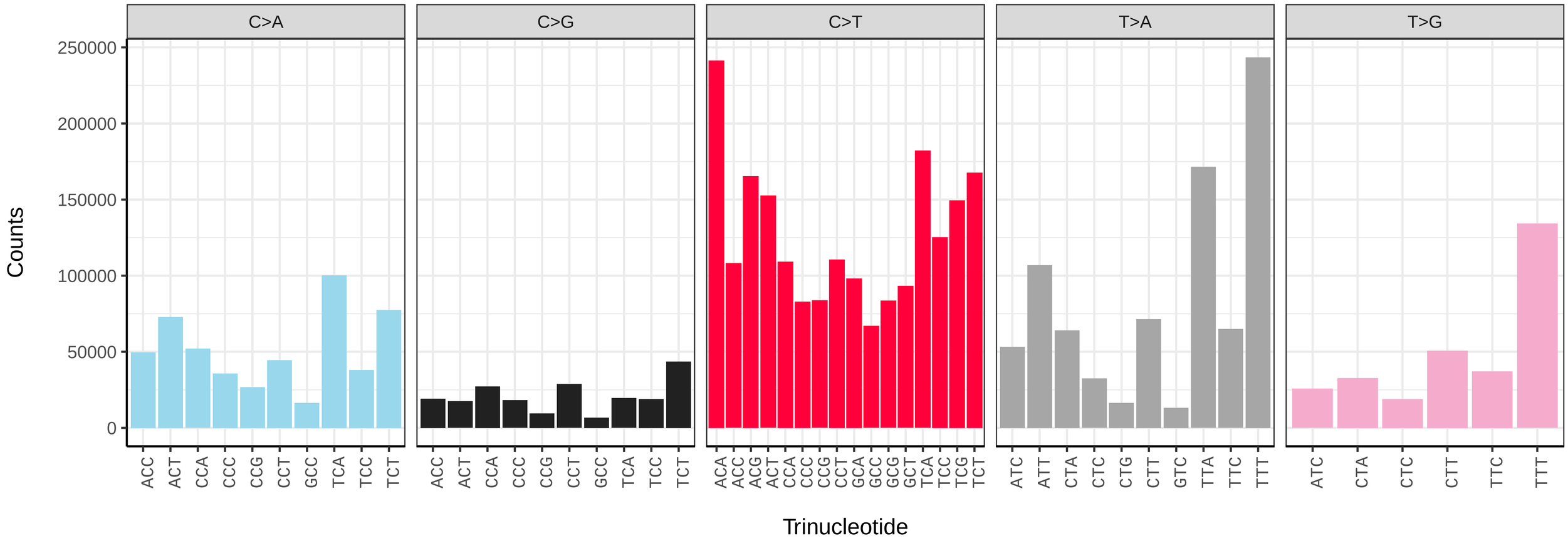
Athripsodes cinereus (iiAthCine2) somatic mutational spectrum (SBS96 classification)



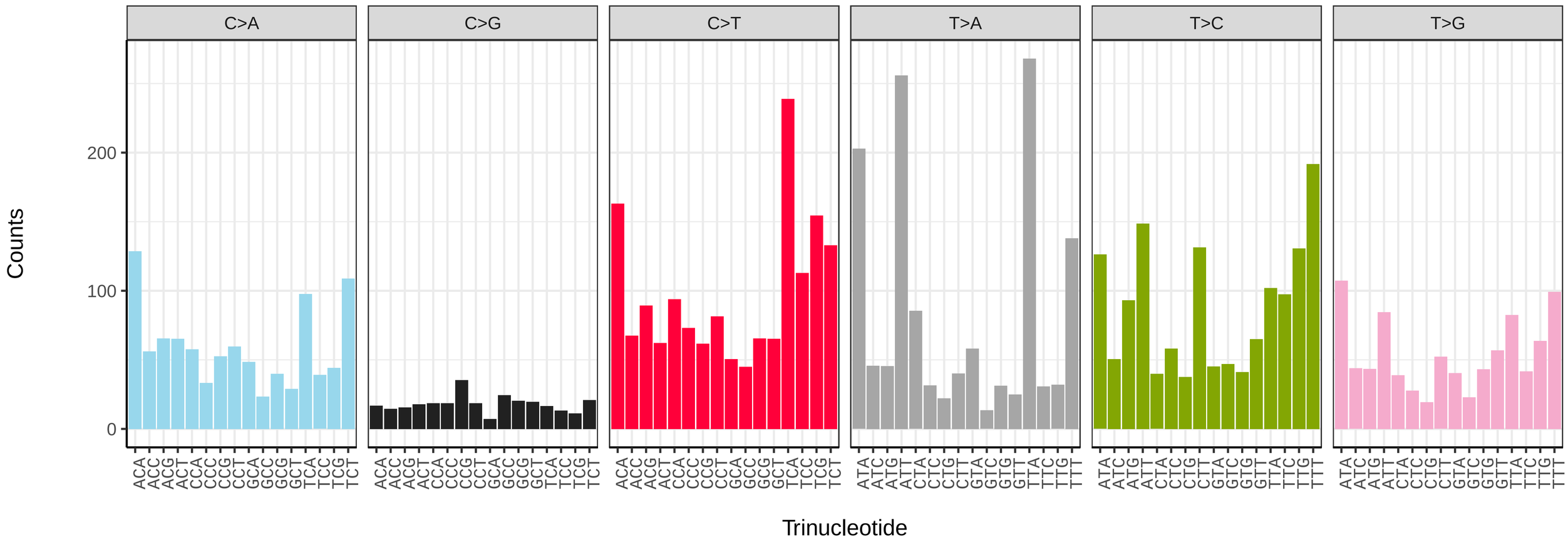
Athripsodes cinereus (iiAthCine2) somatic mutational spectrum (SBS52 classification)



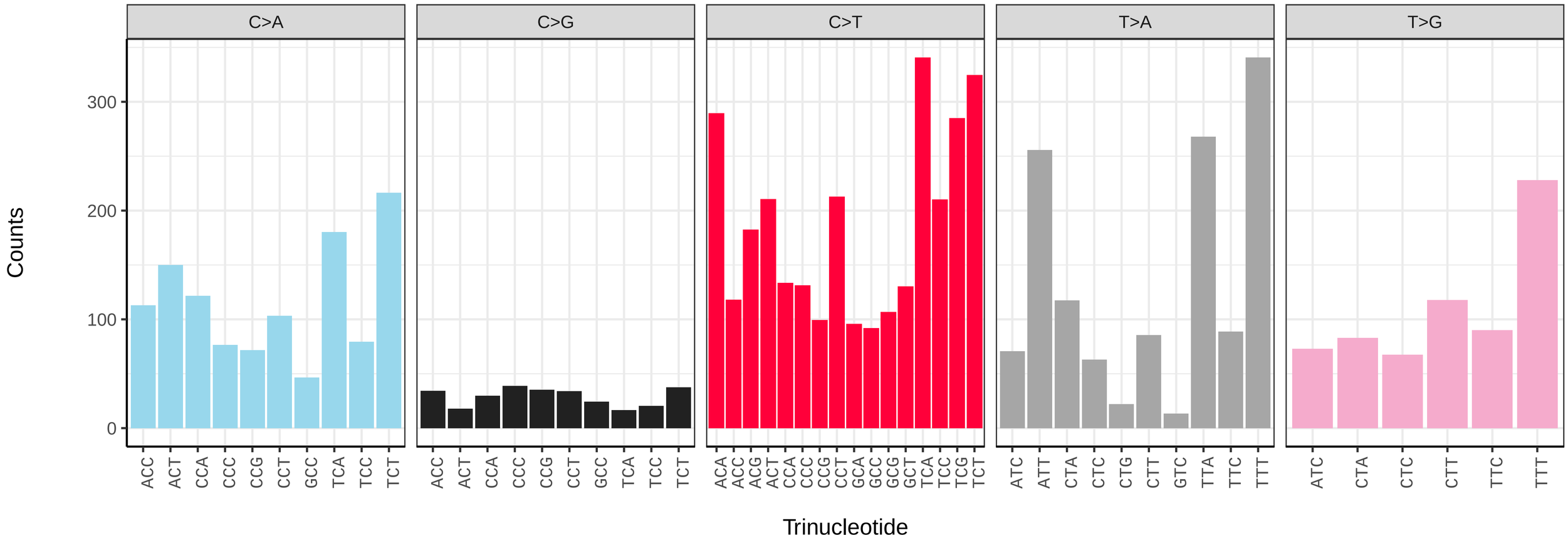
Glyphotaelius pellucidus (iiGlyPell1) germline mutational spectrum



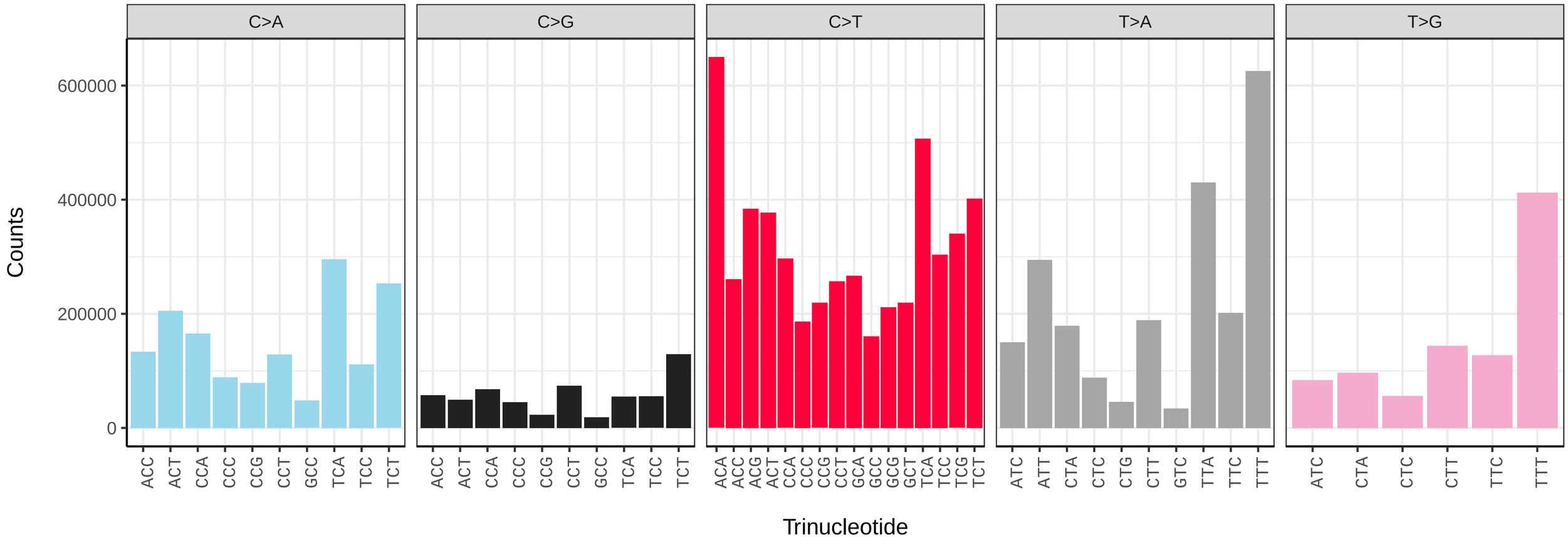
Glyphotaelius pellucidus (iiGlyPell1) somatic mutational spectrum (SBS96 classification)



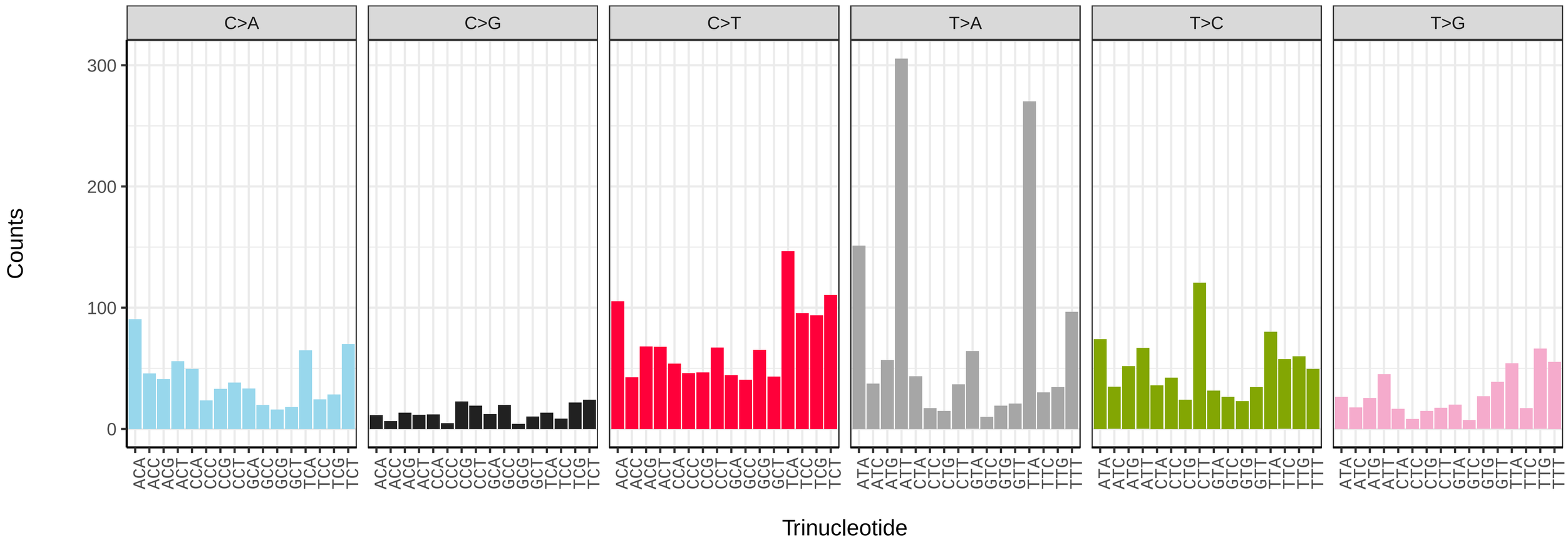
Glyphotaelius pellucidus (iiGlyPell1) somatic mutational spectrum (SBS52 classification)



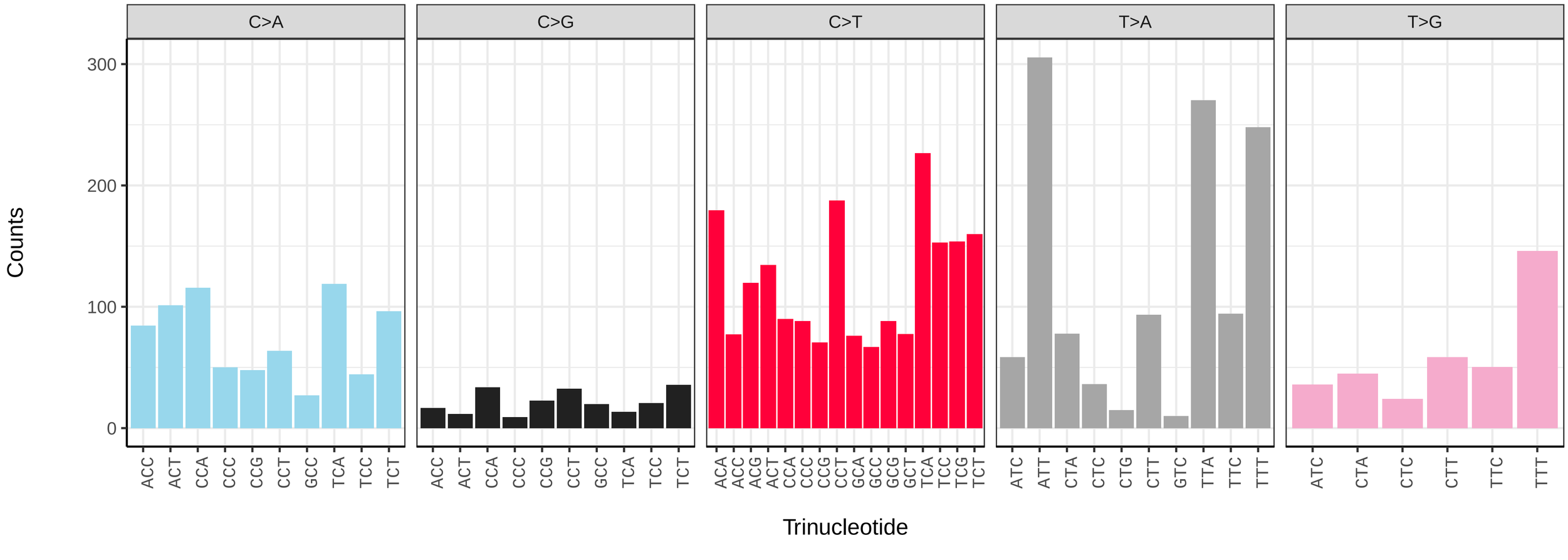
Limnephilus lunatus (iiLimLuna2) germline mutational spectrum



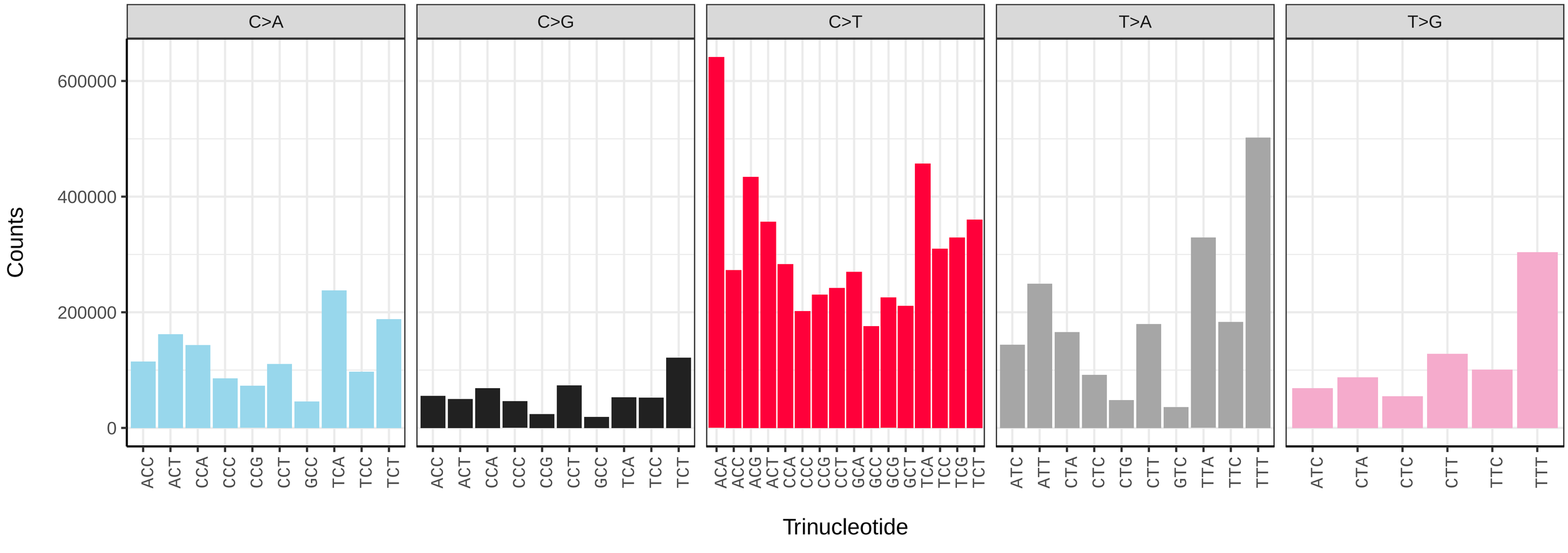
Limnephilus lunatus (iiLimLuna2) somatic mutational spectrum (SBS96 classification)



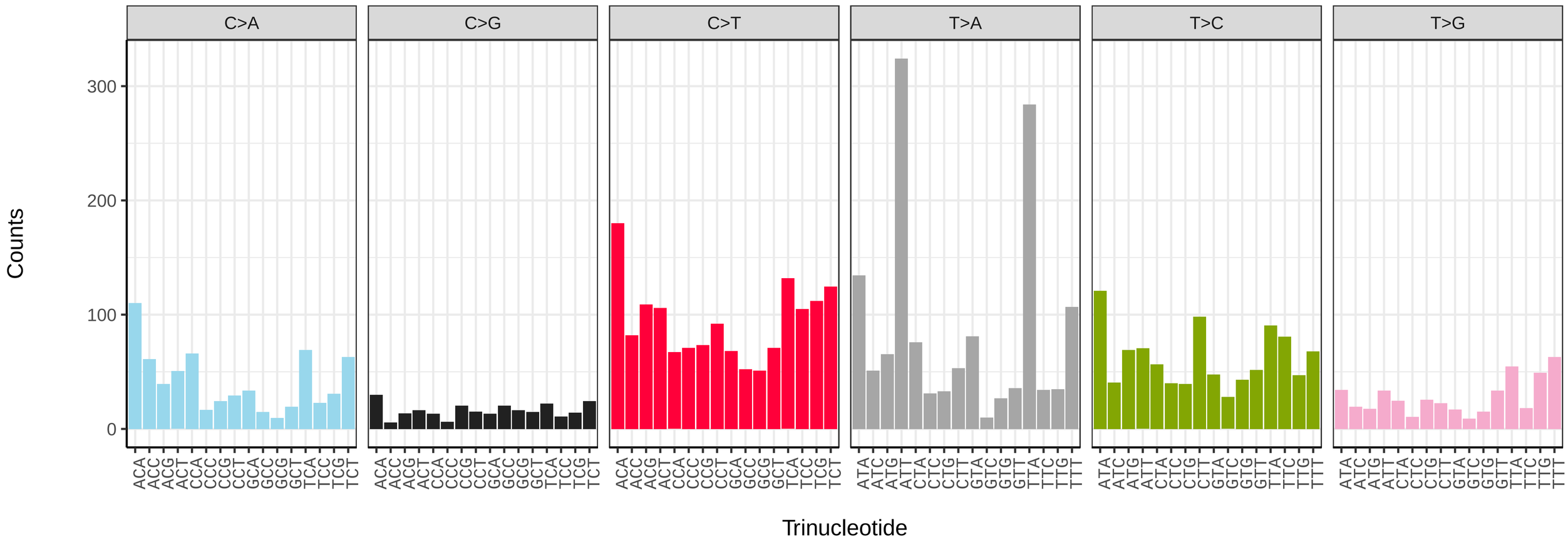
Limnephilus lunatus (iiLimLuna2) somatic mutational spectrum (SBS52 classification)



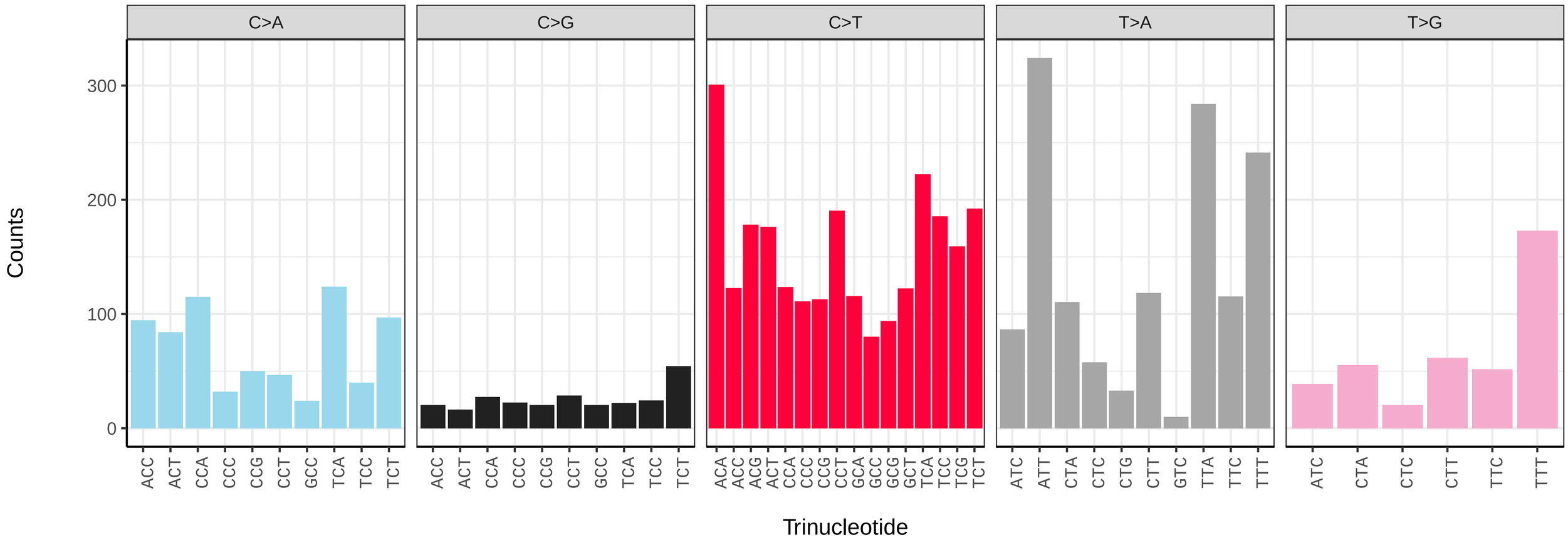
Limnephilus marmoratus (iiLimMarm1) germline mutational spectrum



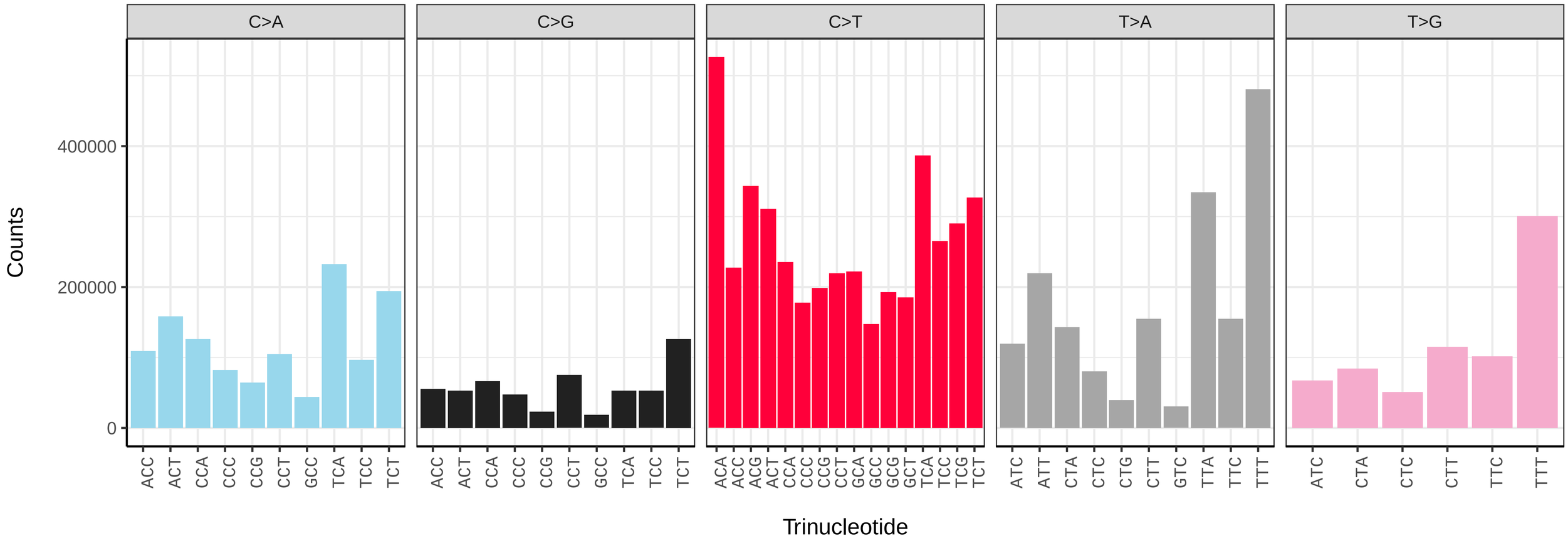
Limnephilus marmoratus (iiLimMarm1) somatic mutational spectrum (SBS96 classification)



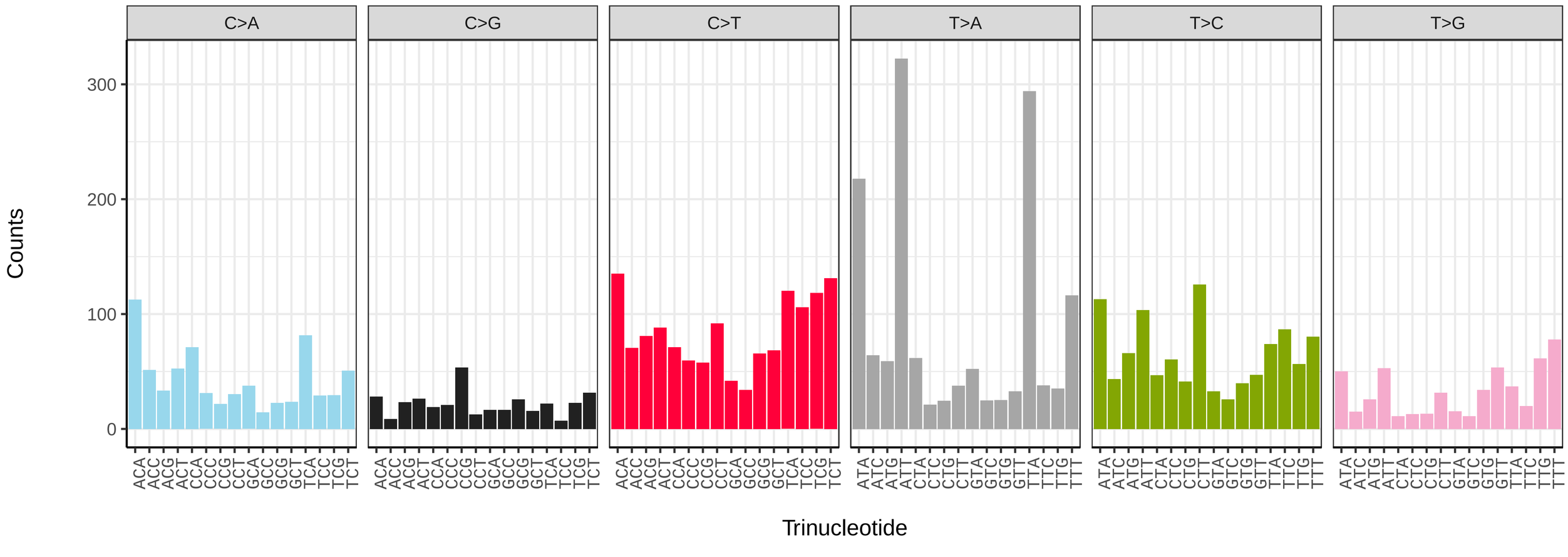
Limnephilus marmoratus (iiLimMarm1) somatic mutational spectrum (SBS52 classification)



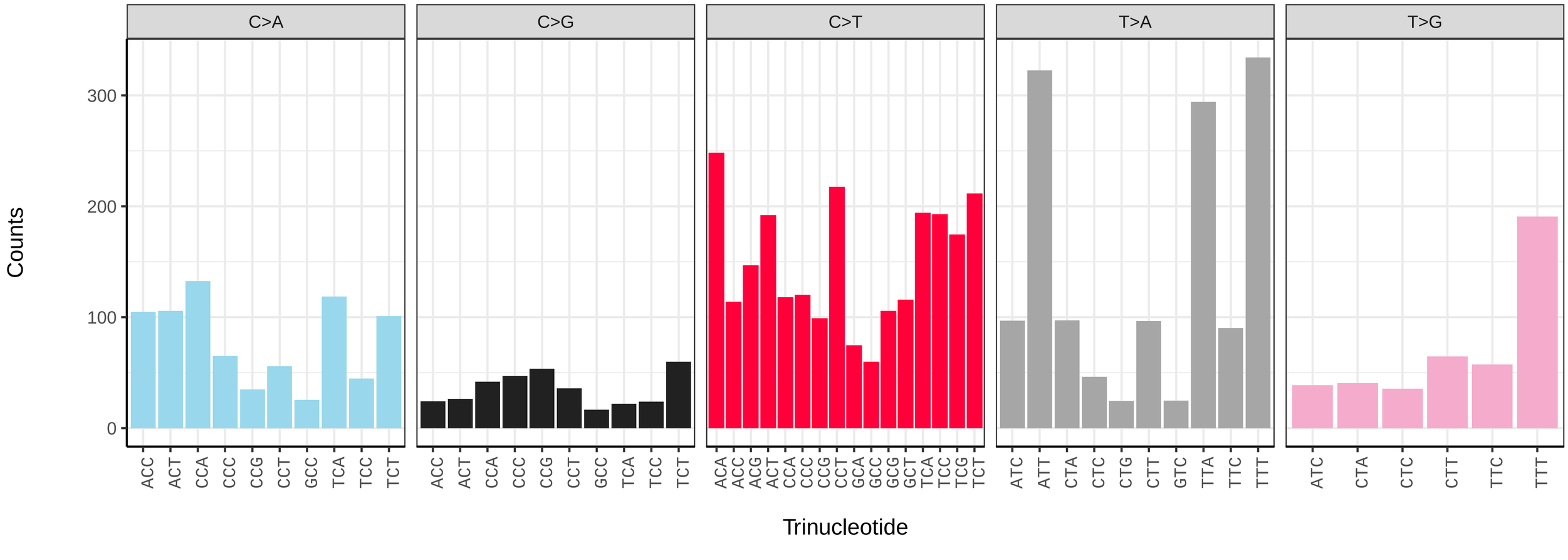
Limnephilus rhombicus (iiLimRhom1) germline mutational spectrum



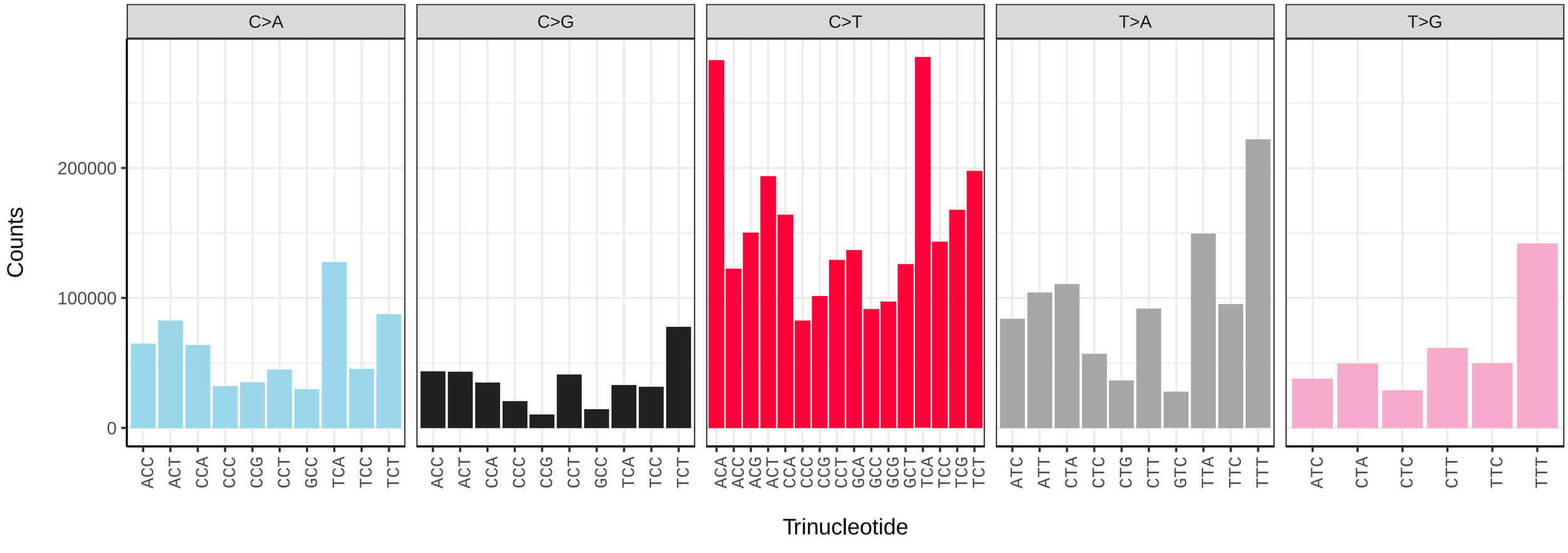
Limnephilus rhombicus (iiLimRhom1) somatic mutational spectrum (SBS96 classification)



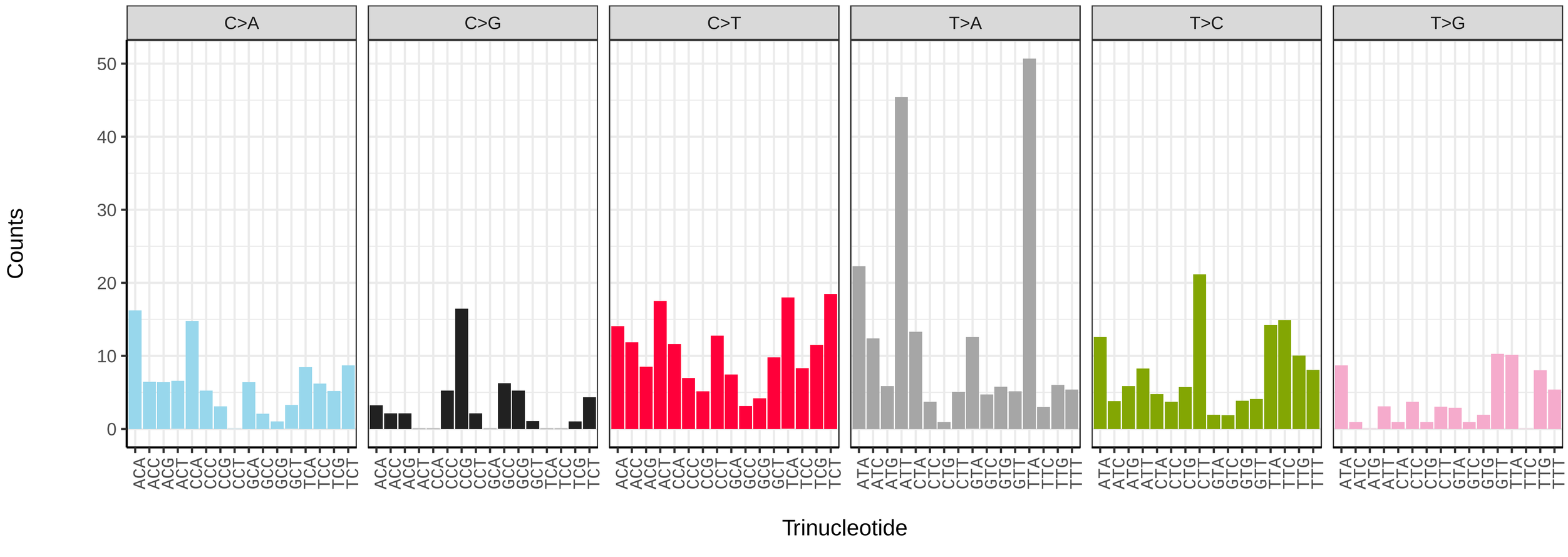
Limnephilus rhombicus (iiLimRhom1) somatic mutational spectrum (SBS52 classification)



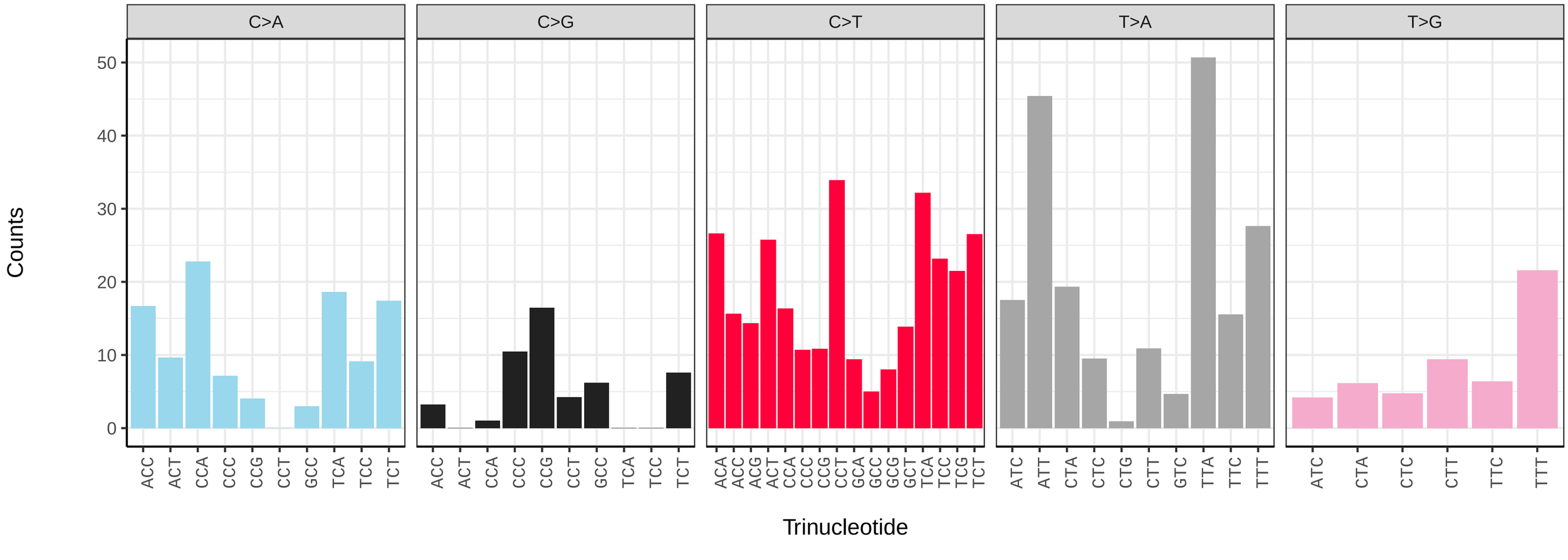
Abrostola triplasia (ilAbrTril1) germline mutational spectrum



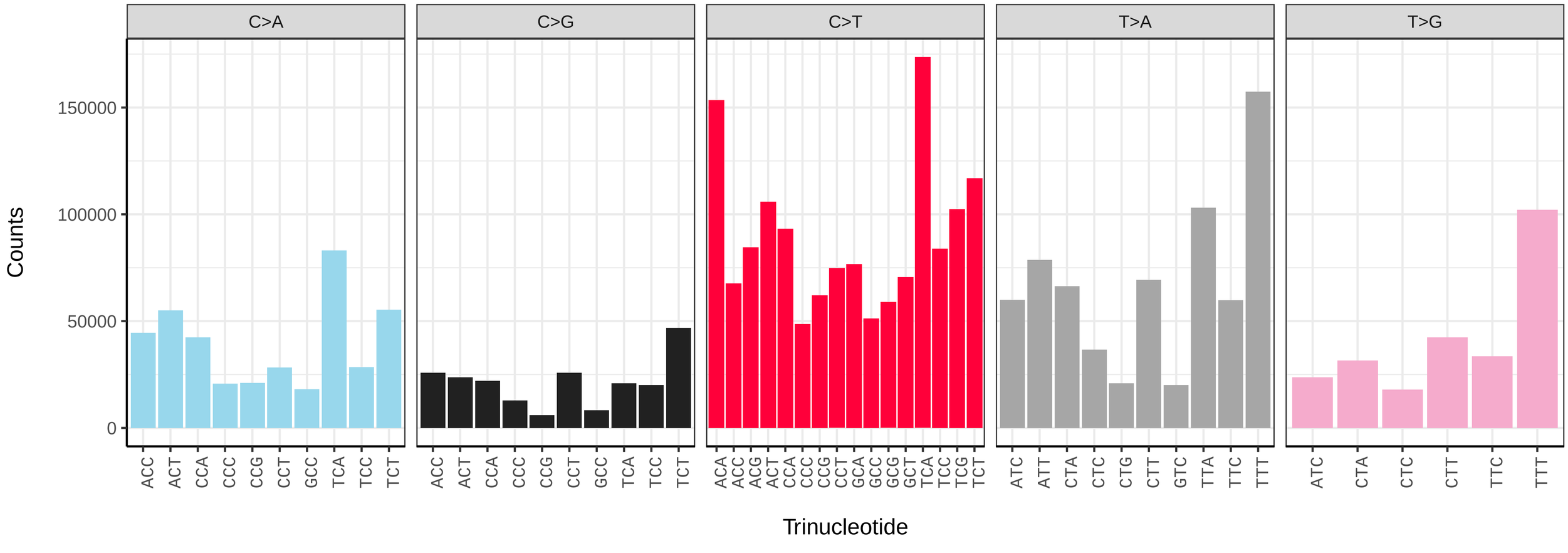
Abrostola triplasia (ilAbrTril1) somatic mutational spectrum (SBS96 classification)



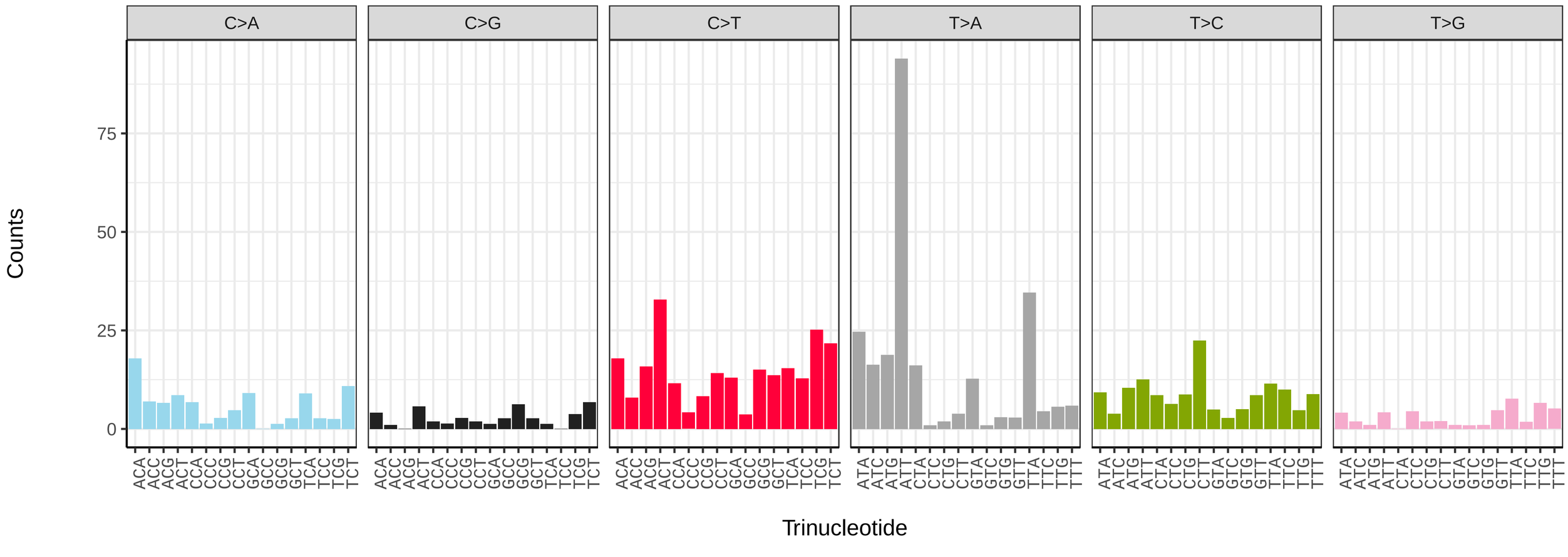
Abrostola triplasia (ilAbrTril1) somatic mutational spectrum (SBS52 classification)



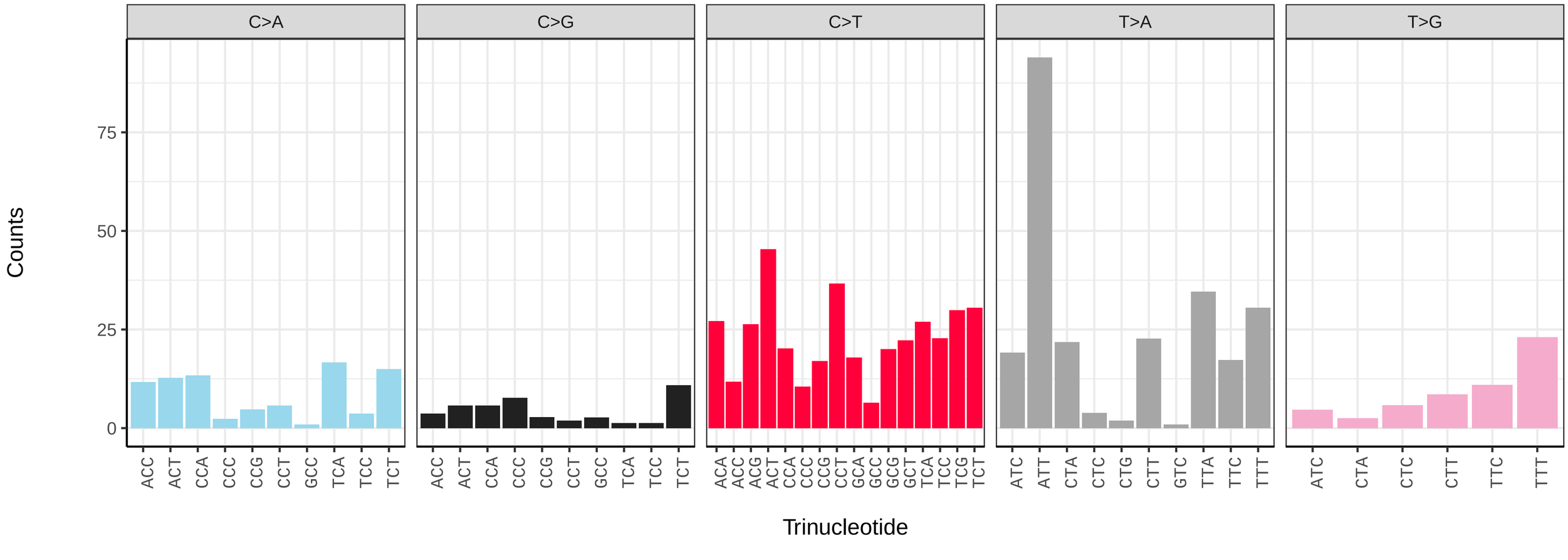
Abrostola tripartita (ilAbrTrip1) germline mutational spectrum



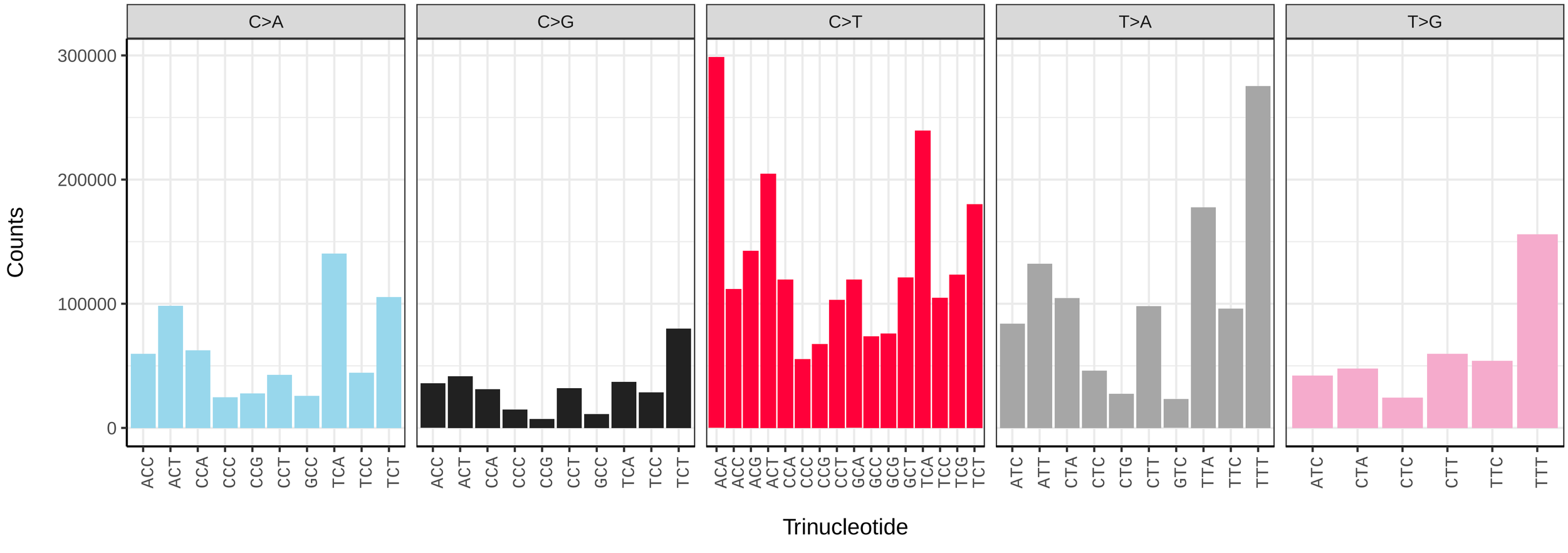
Abrostola tripartita (ilAbrTrip1) somatic mutational spectrum (SBS96 classification)



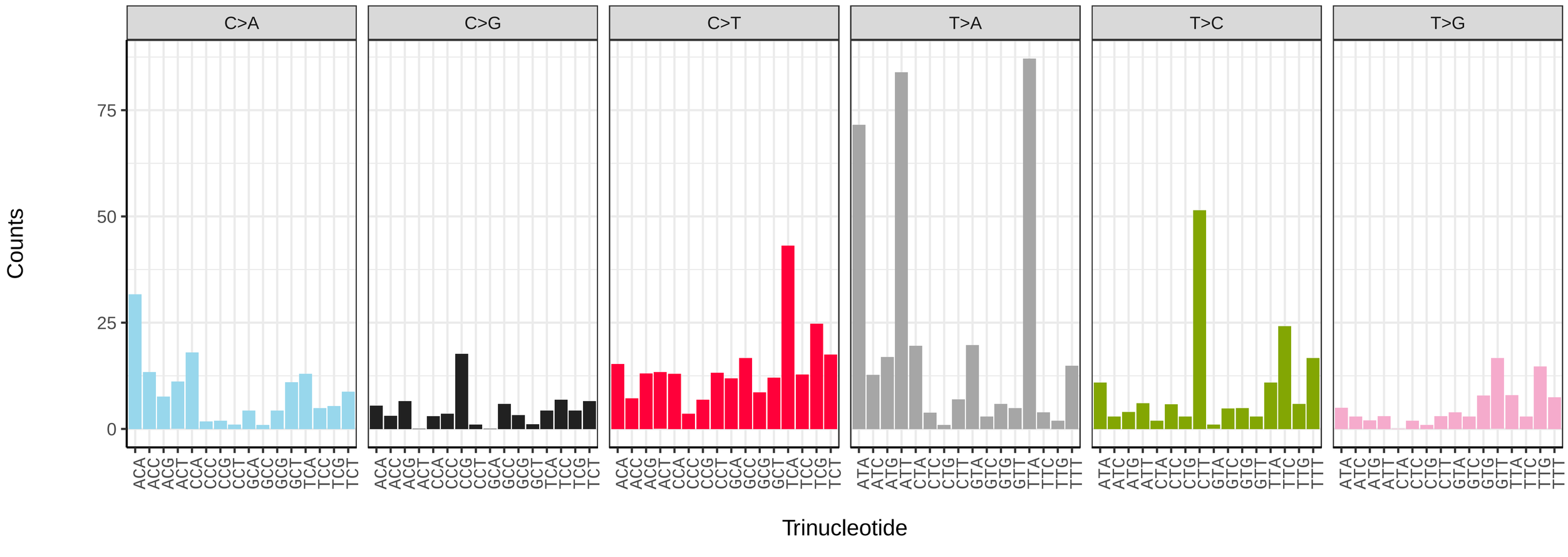
Abrostola tripartita (ilAbrTrip1) somatic mutational spectrum (SBS52 classification)



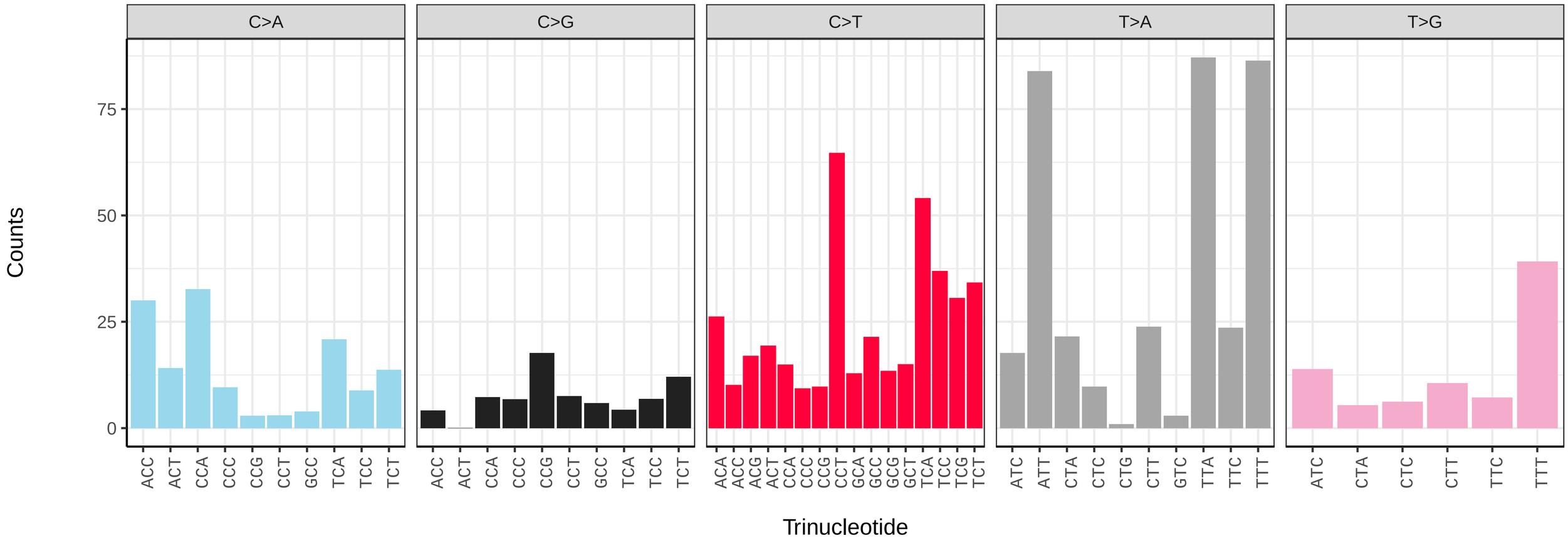
Acentria ephemerella (ilAceEphe1) germline mutational spectrum



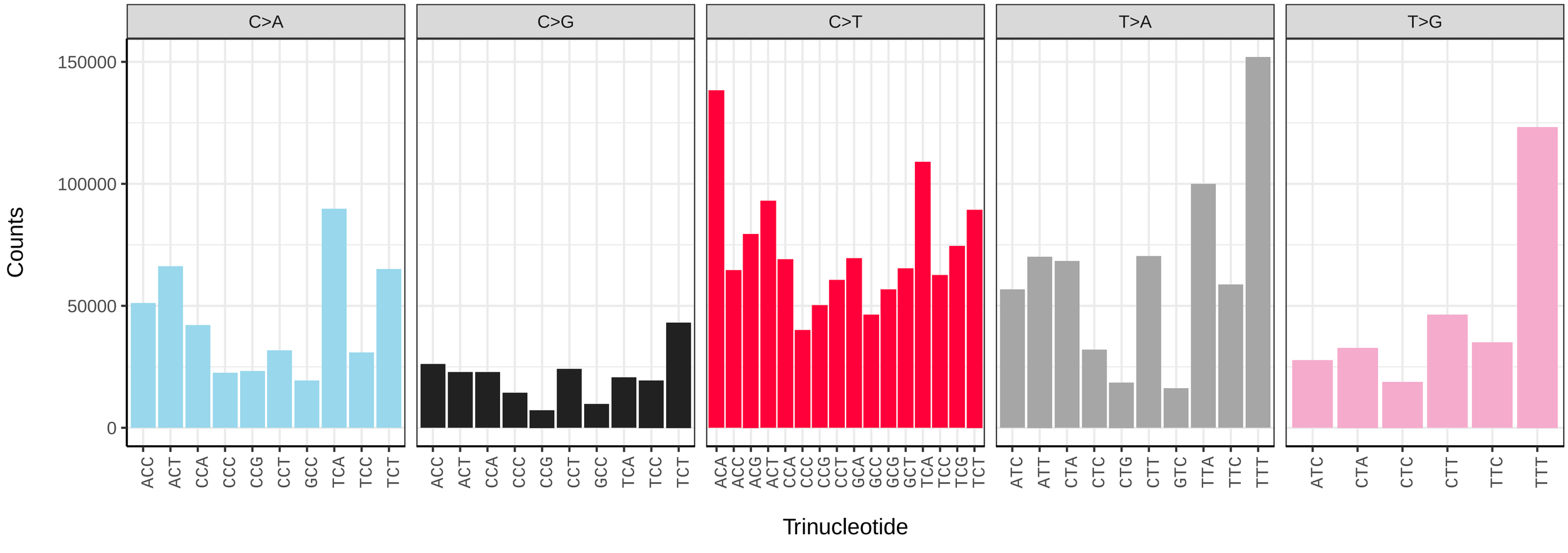
Acentria ephemerella (ilAceEphe1) somatic mutational spectrum (SBS96 classification)



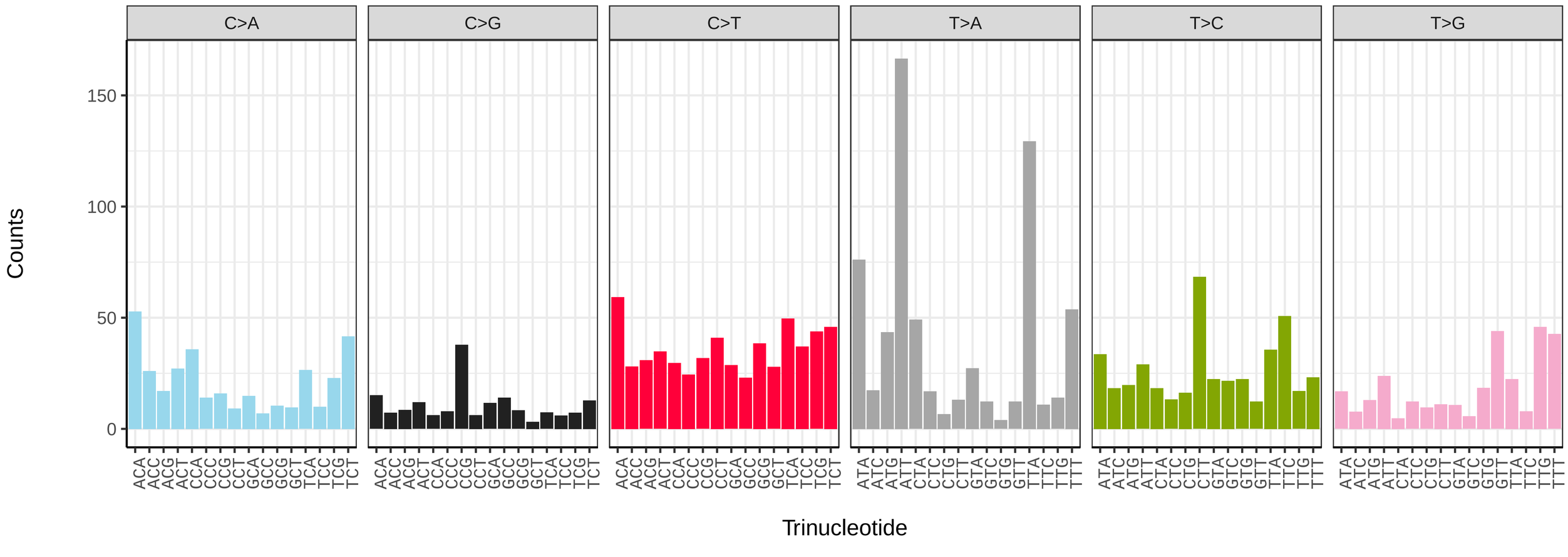
Acentria ephemerella (ilAceEphe1) somatic mutational spectrum (SBS52 classification)



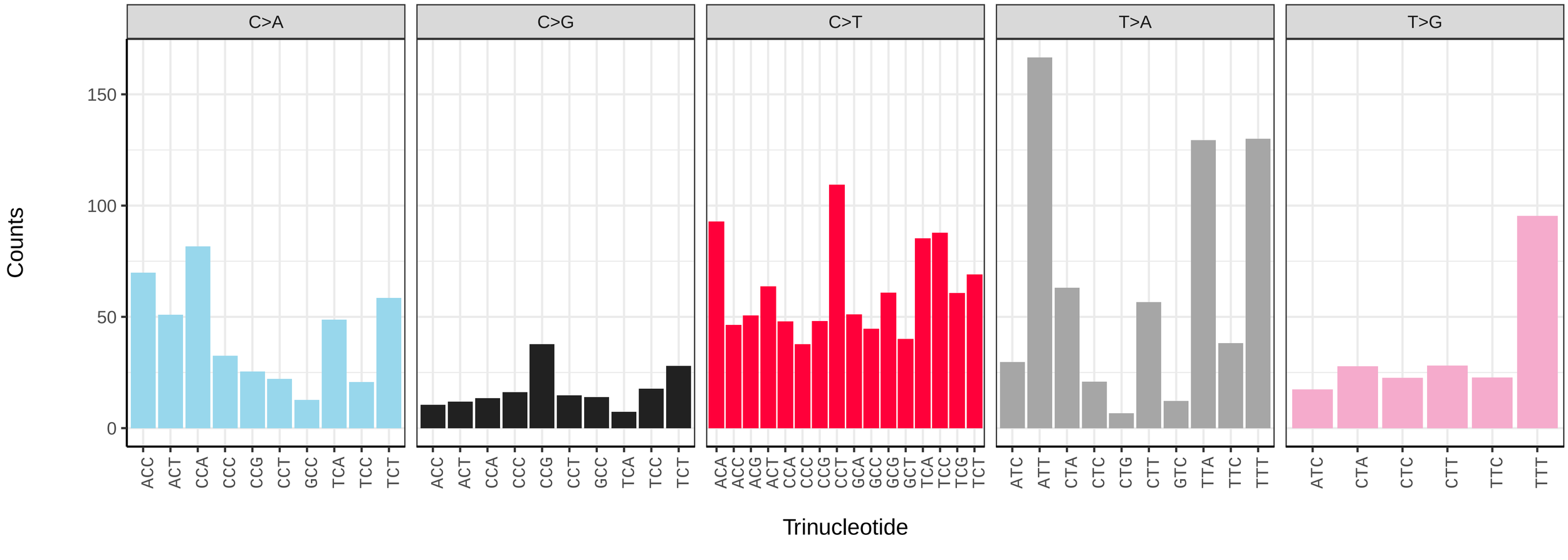
Achlya flavicornis (ilAchFlav2) germline mutational spectrum



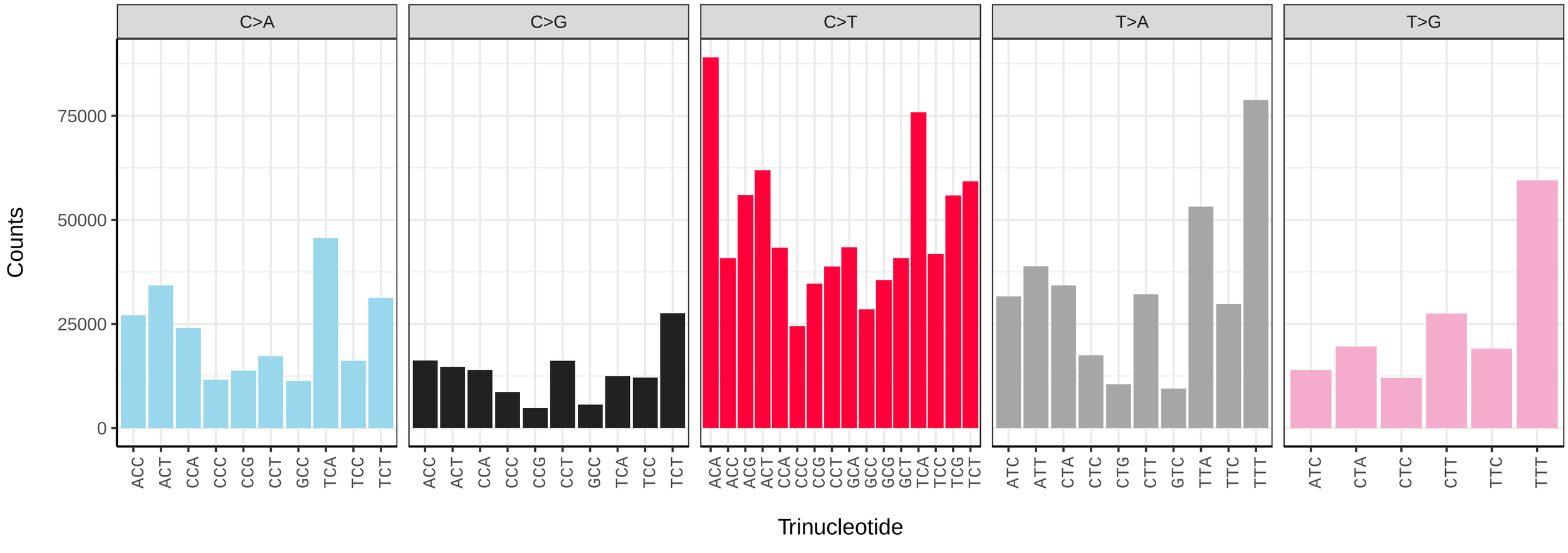
Achlya flavicornis (ilAchFlav2) somatic mutational spectrum (SBS96 classification)



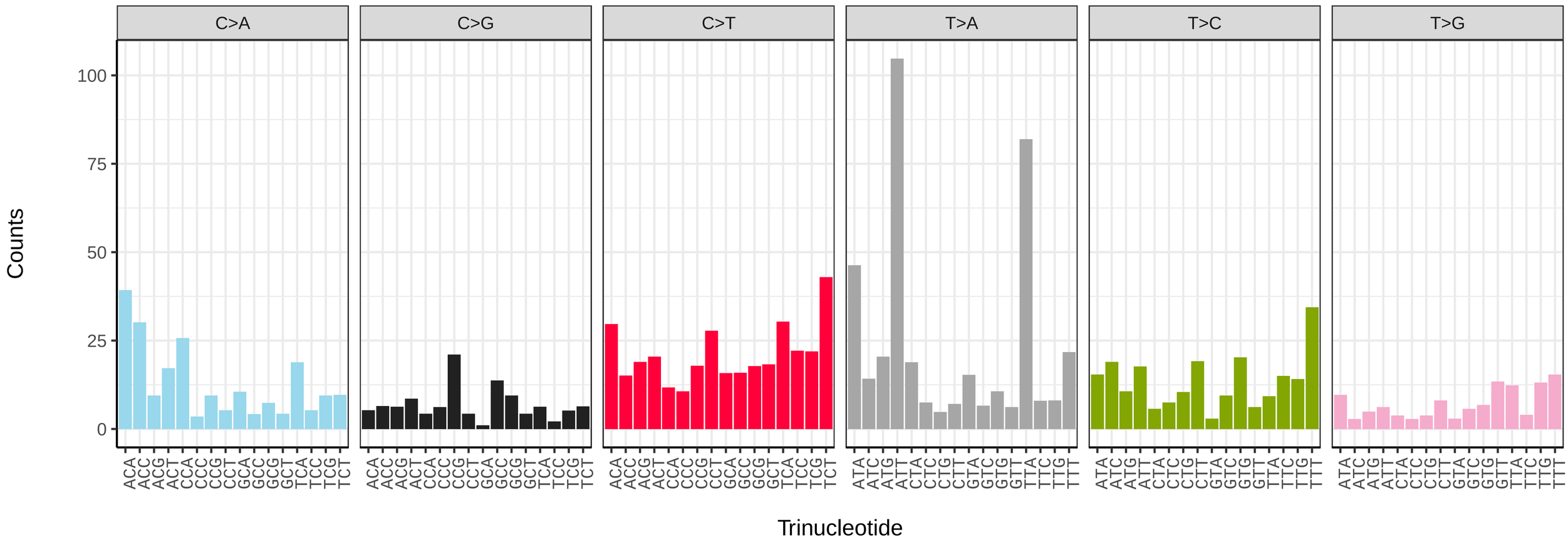
Achlya flavicornis (ilAchFlav2) somatic mutational spectrum (SBS52 classification)



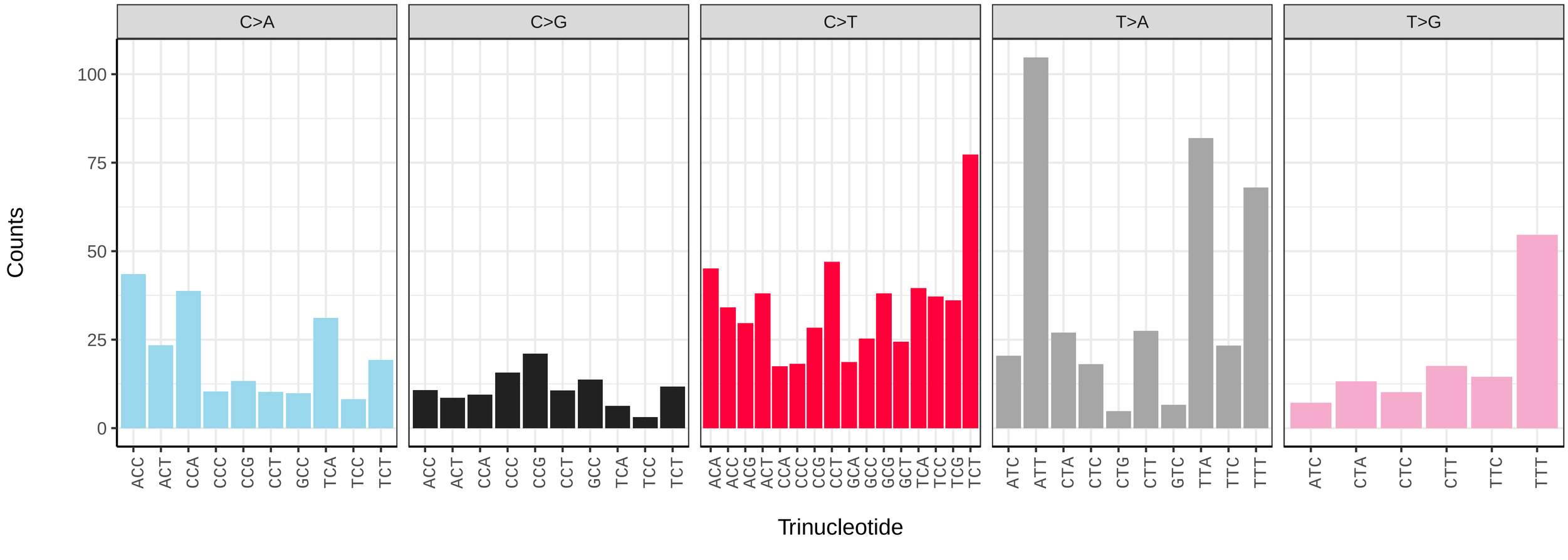
Acleris cristana (ilAclCris2) germline mutational spectrum



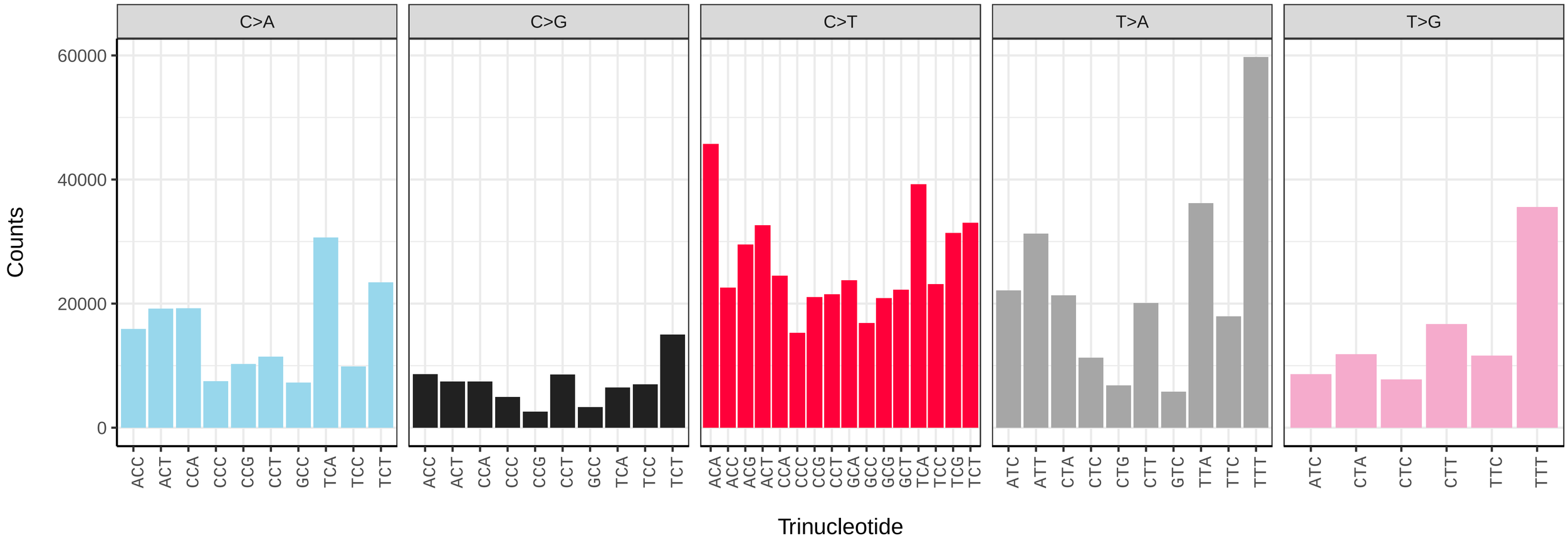
Acleris cristana (ilAclCris2) somatic mutational spectrum (SBS96 classification)



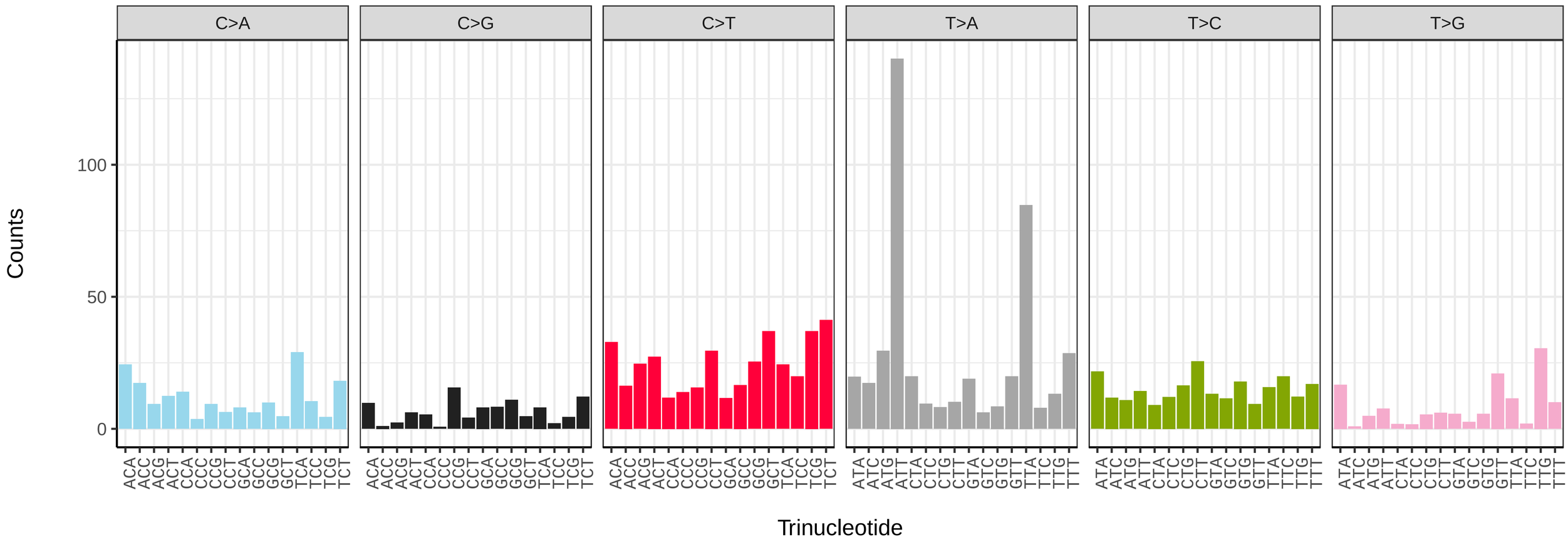
Acleris cristana (ilAclCris2) somatic mutational spectrum (SBS52 classification)



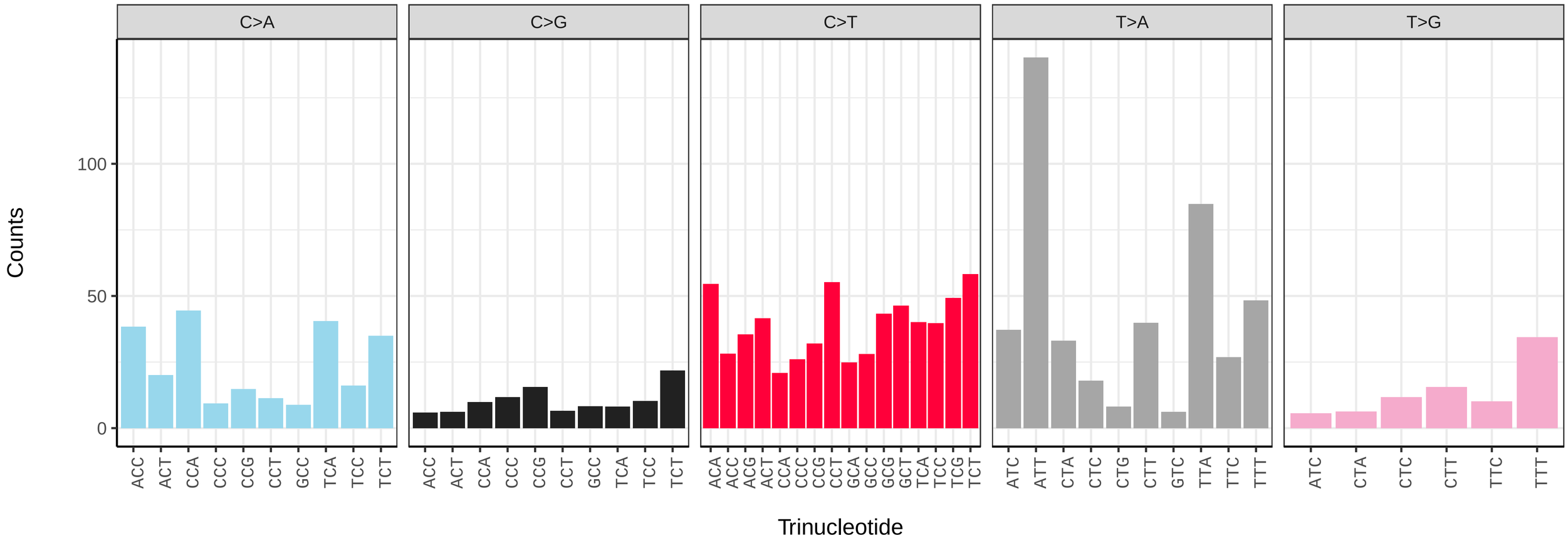
Acleris emargana (ilAclEmar1) germline mutational spectrum



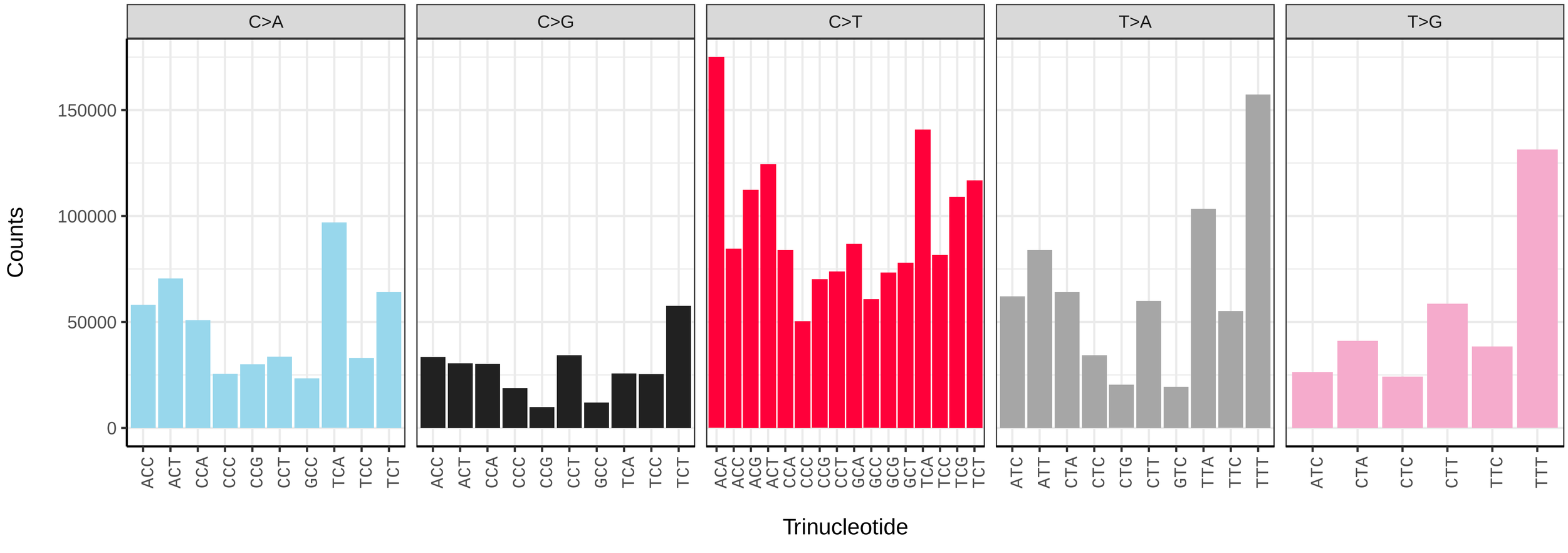
Acleris emargana (ilAclEmar1) somatic mutational spectrum (SBS96 classification)



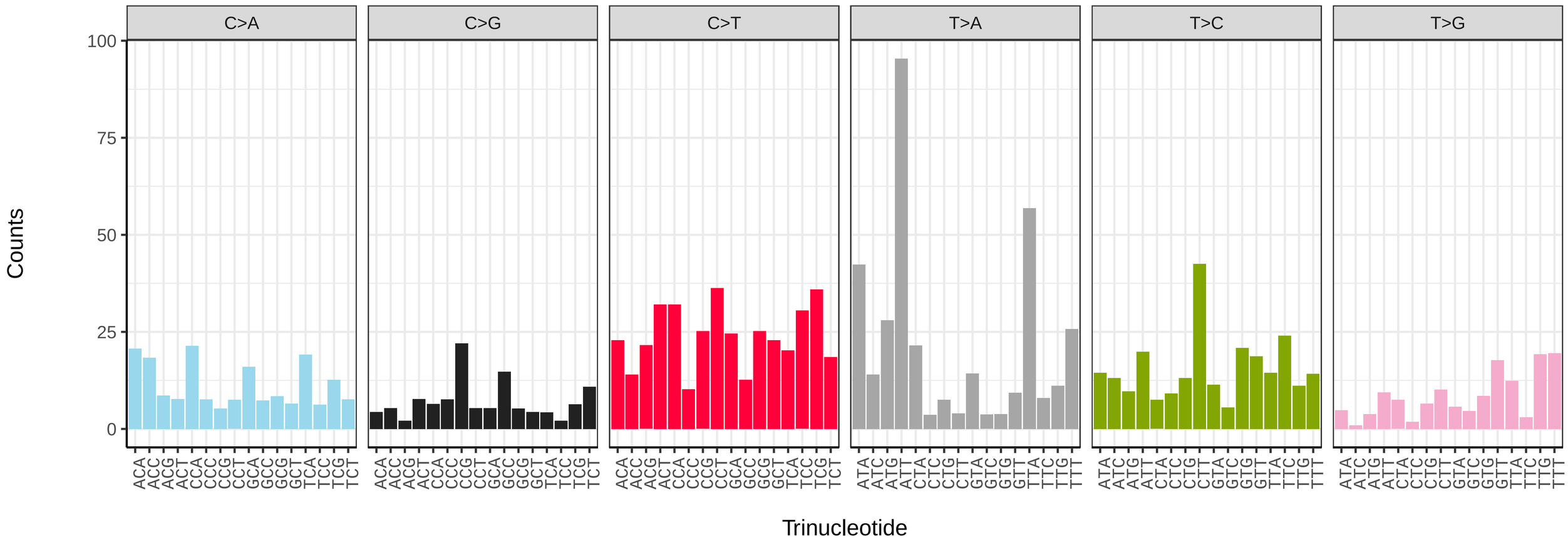
Acleris emargana (ilAclEmar1) somatic mutational spectrum (SBS52 classification)



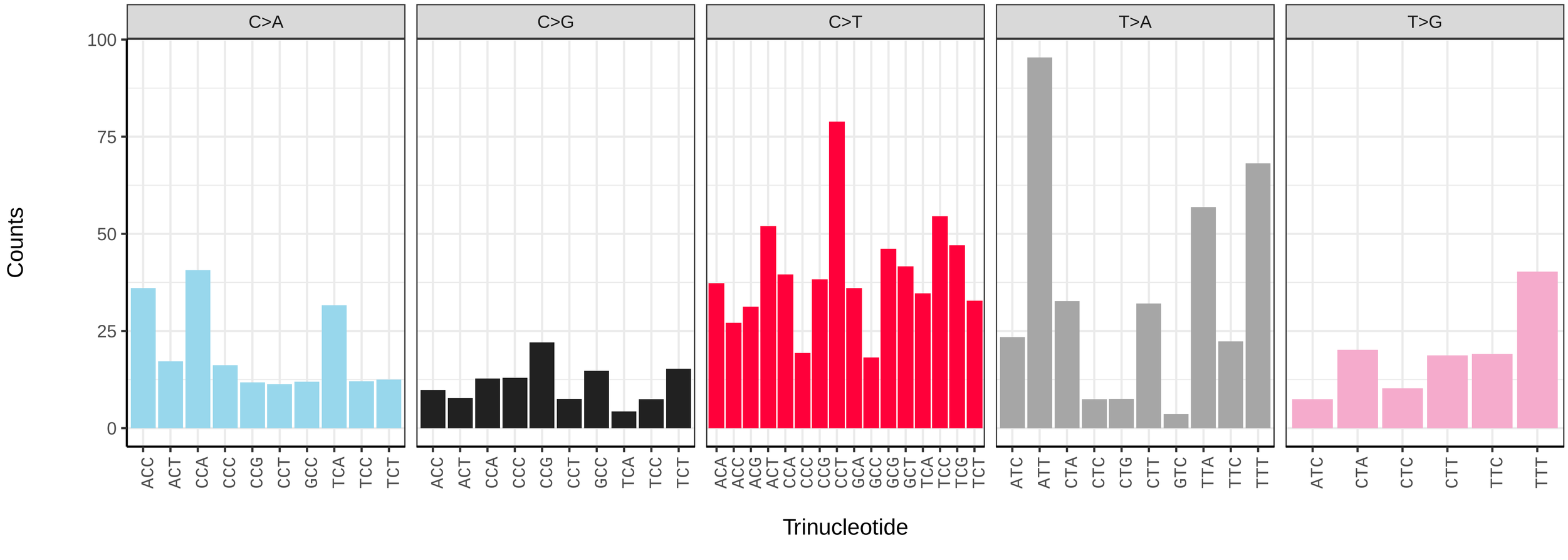
Acleris literana (ilAclLite1) germline mutational spectrum



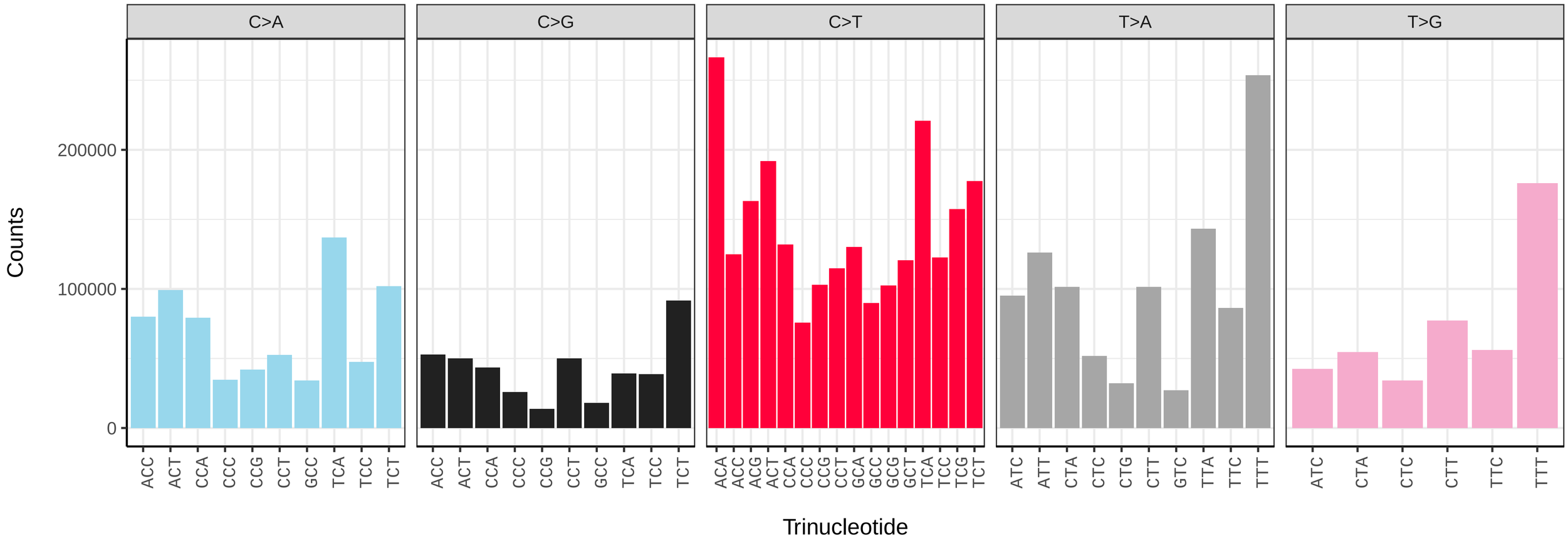
Acleris literana (ilAclLite1) somatic mutational spectrum (SBS96 classification)



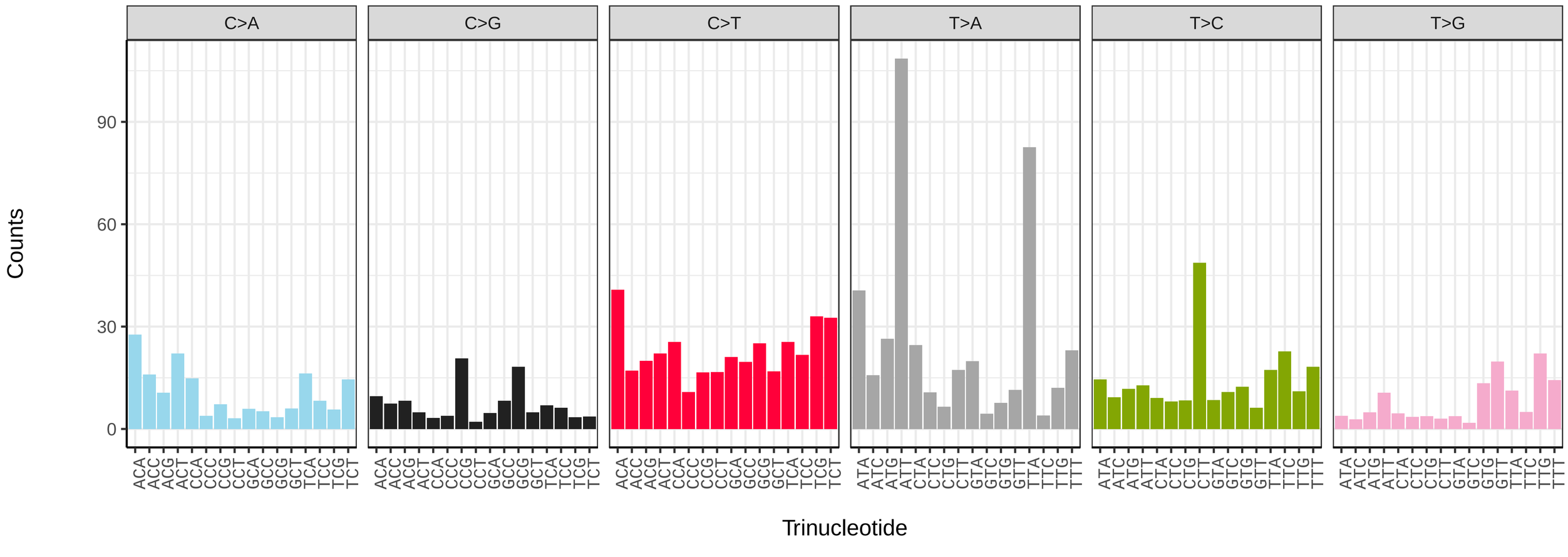
Acleris literana (ilAclLite1) somatic mutational spectrum (SBS52 classification)



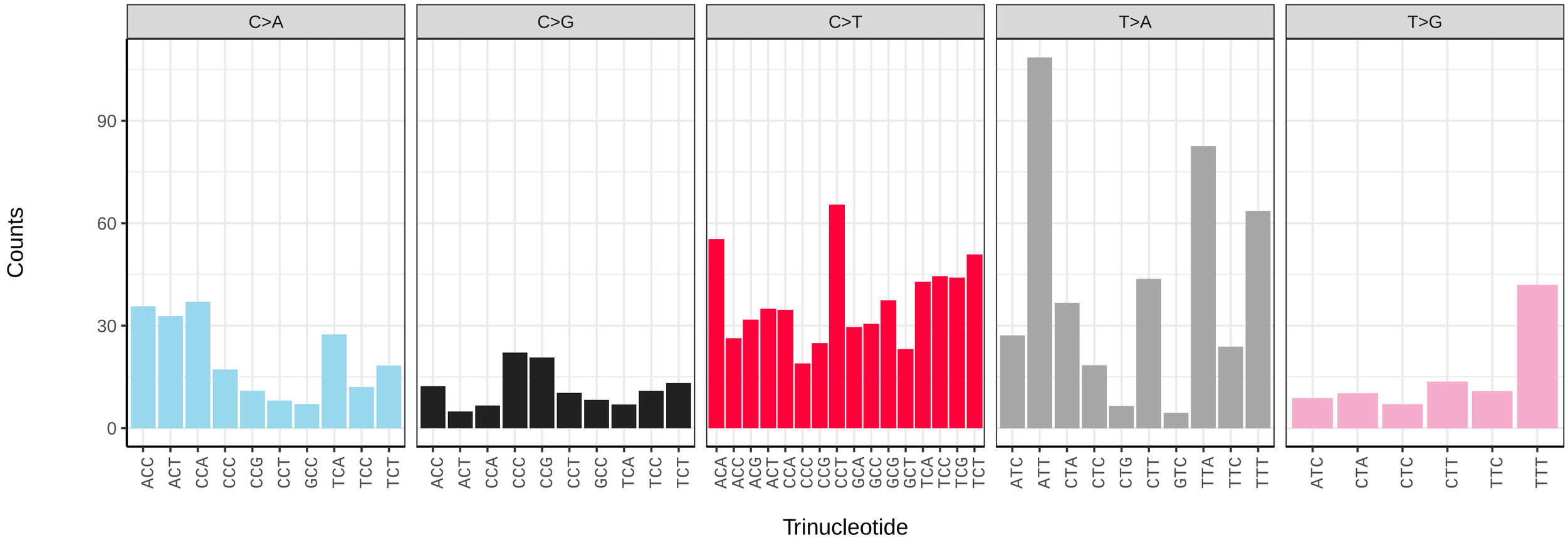
Acleris sparsana (ilAclSpar1) germline mutational spectrum



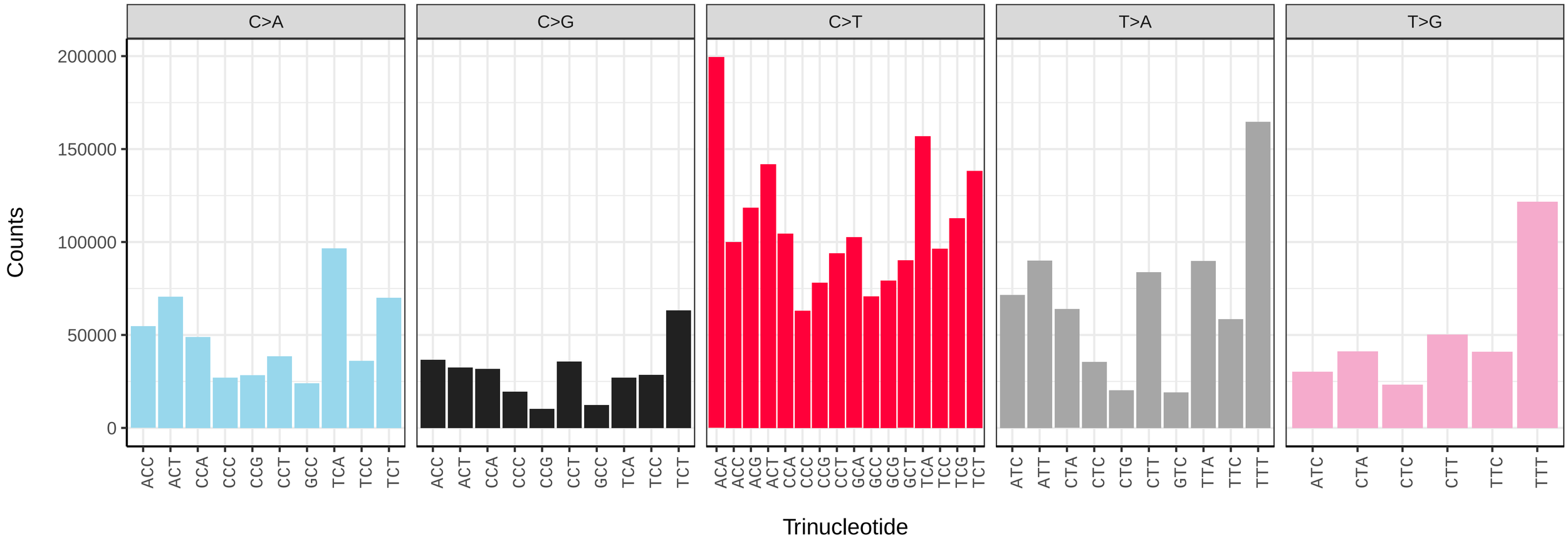
Acleris sparsana (ilAclSpar1) somatic mutational spectrum (SBS96 classification)



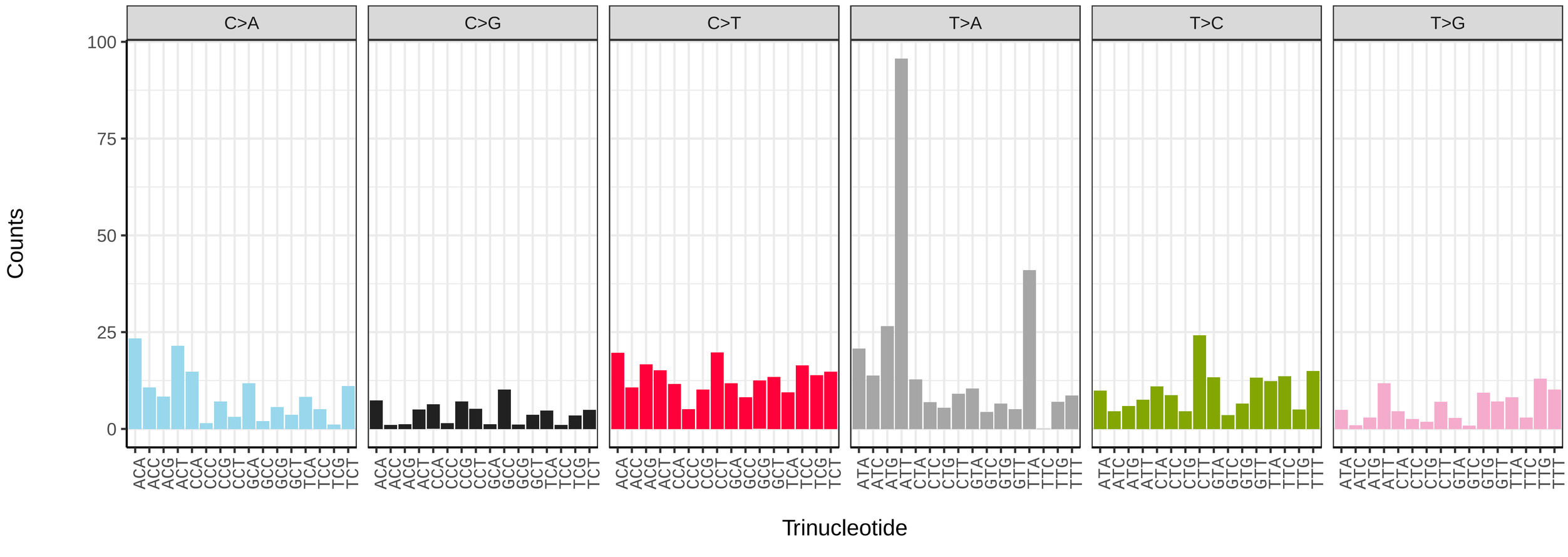
Acleris sparsana (ilAclSpar1) somatic mutational spectrum (SBS52 classification)



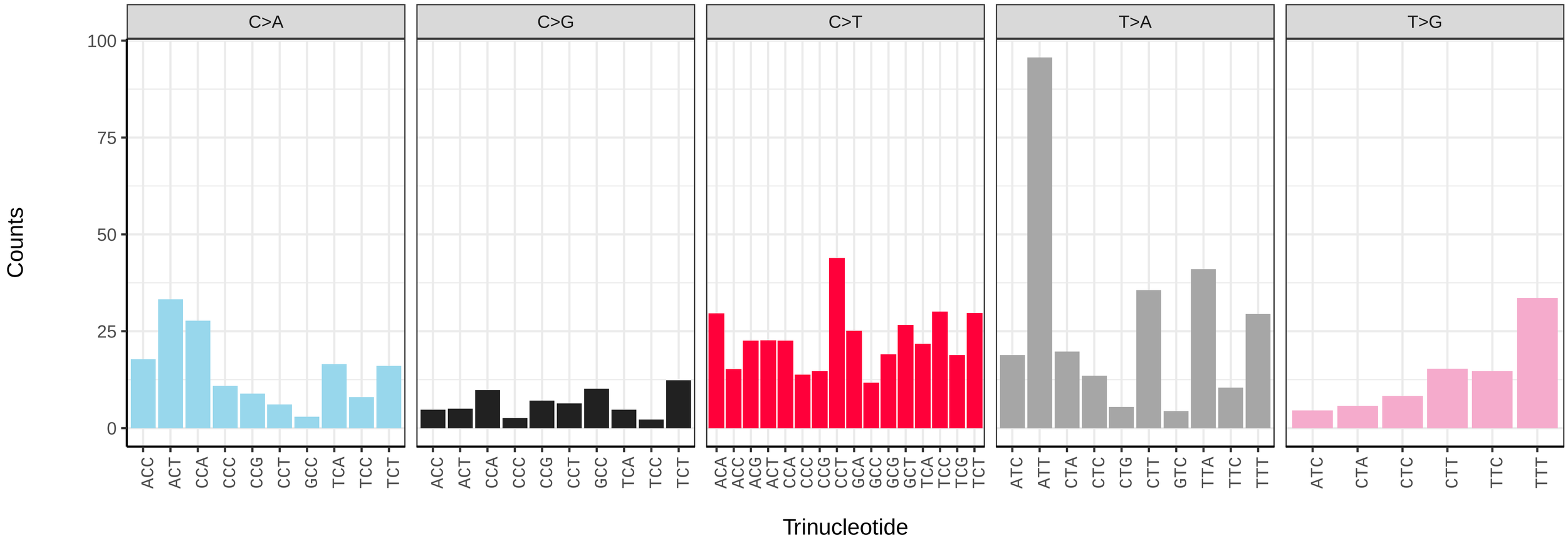
Acronicta aceris (ilAcrAcer1) germline mutational spectrum



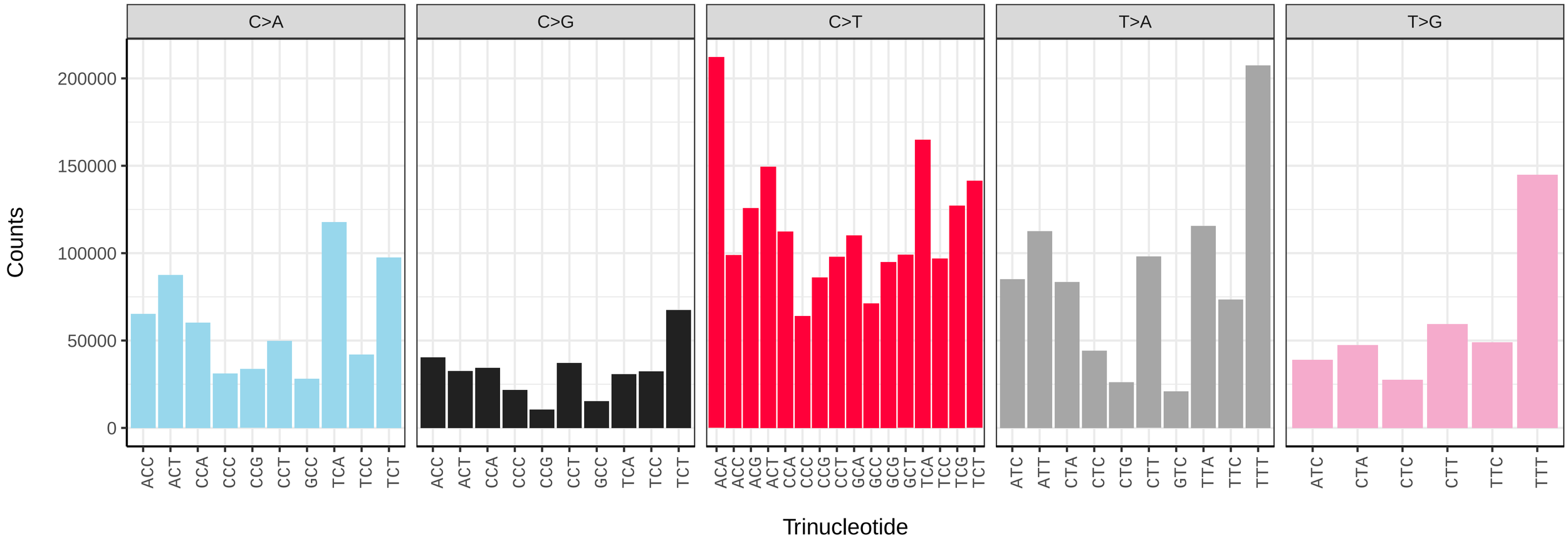
Acronicta aceris (ilAcrAcer1) somatic mutational spectrum (SBS96 classification)



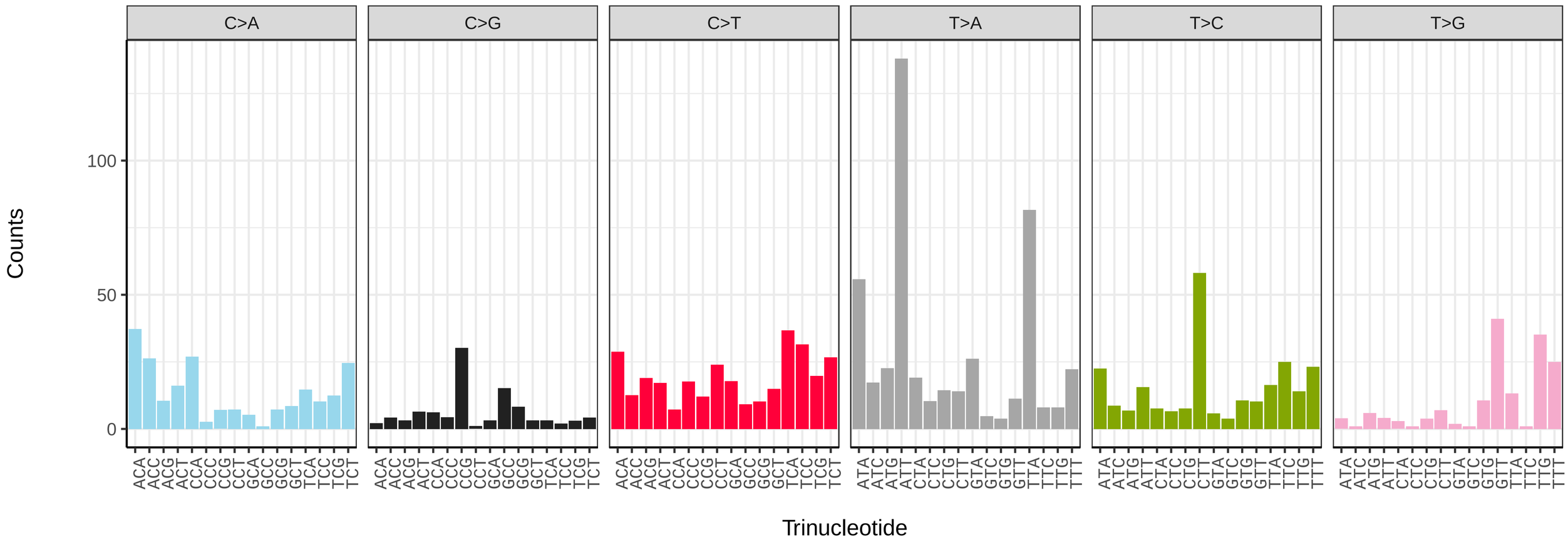
Acronicta aceris (ilAcrAcer1) somatic mutational spectrum (SBS52 classification)



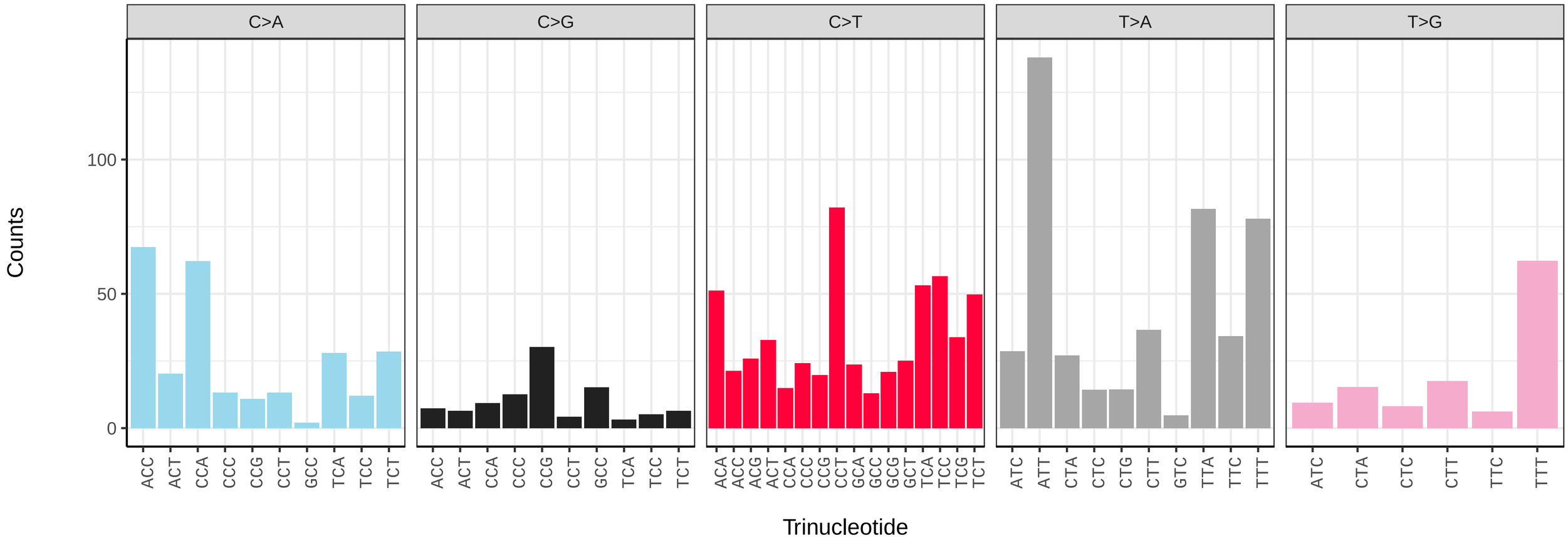
Acronicta leporina (ilAcrLepo1) germline mutational spectrum



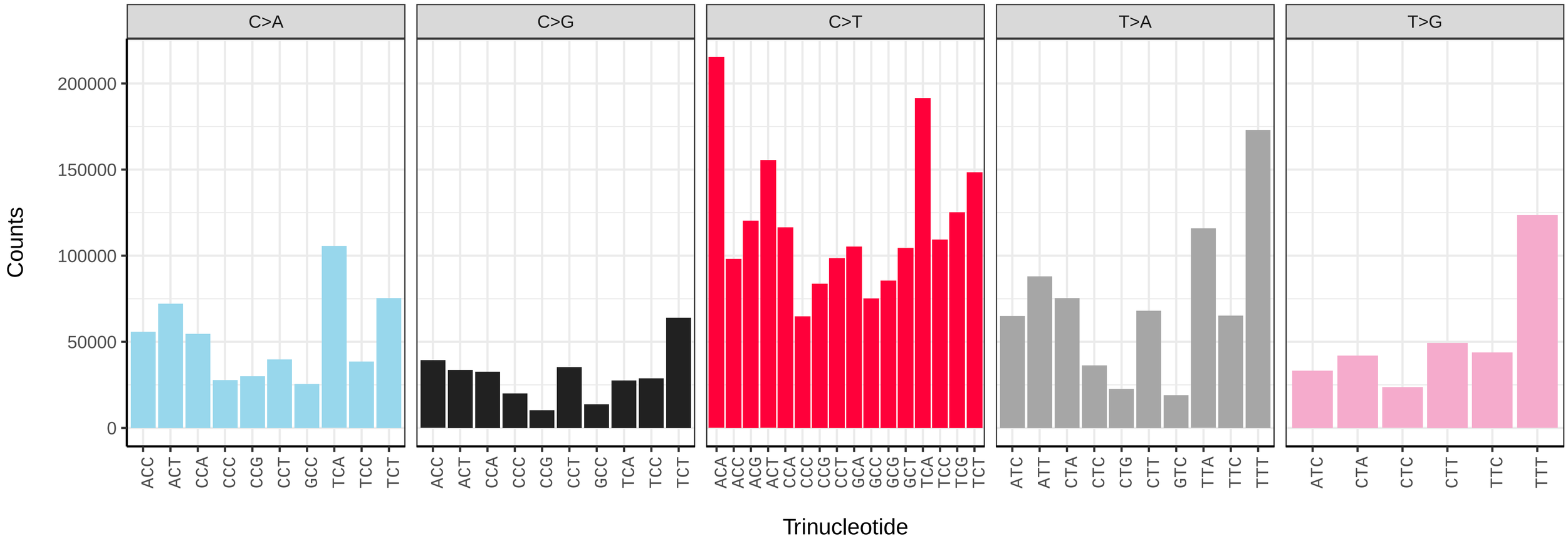
Acronicta leporina (ilAcrLepo1) somatic mutational spectrum (SBS96 classification)



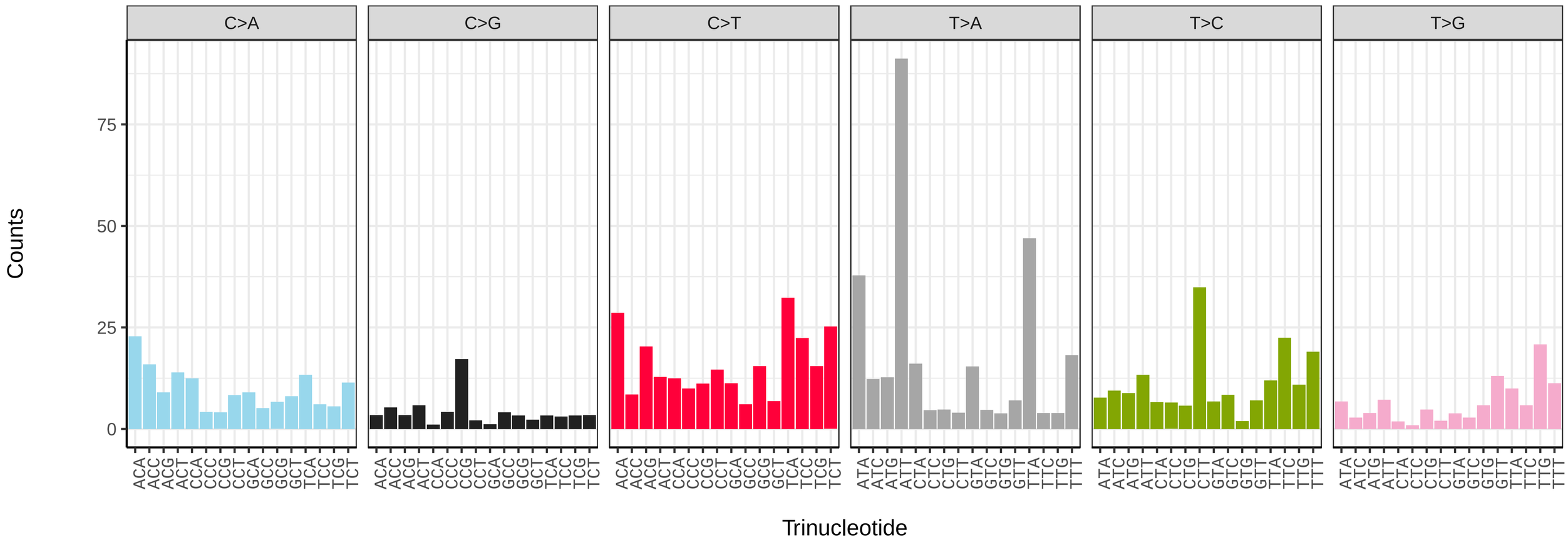
Acronicta leporina (ilAcrLepo1) somatic mutational spectrum (SBS52 classification)



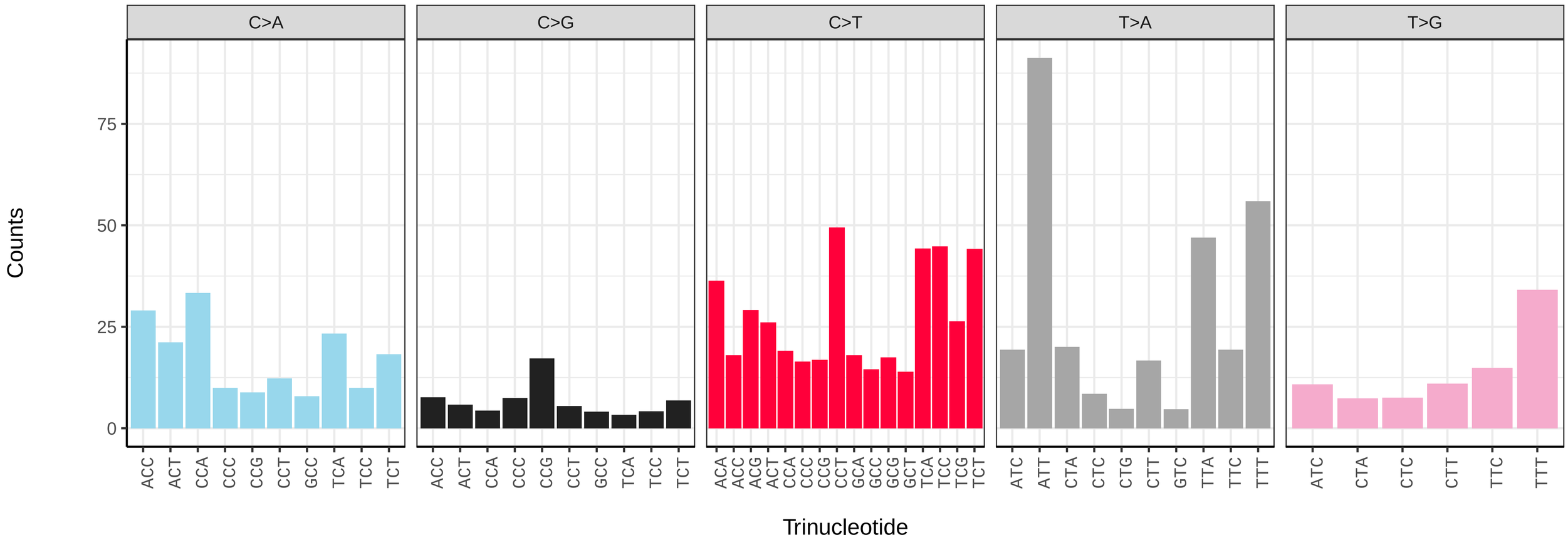
Acronicta psi (ilAcrPsix1) germline mutational spectrum



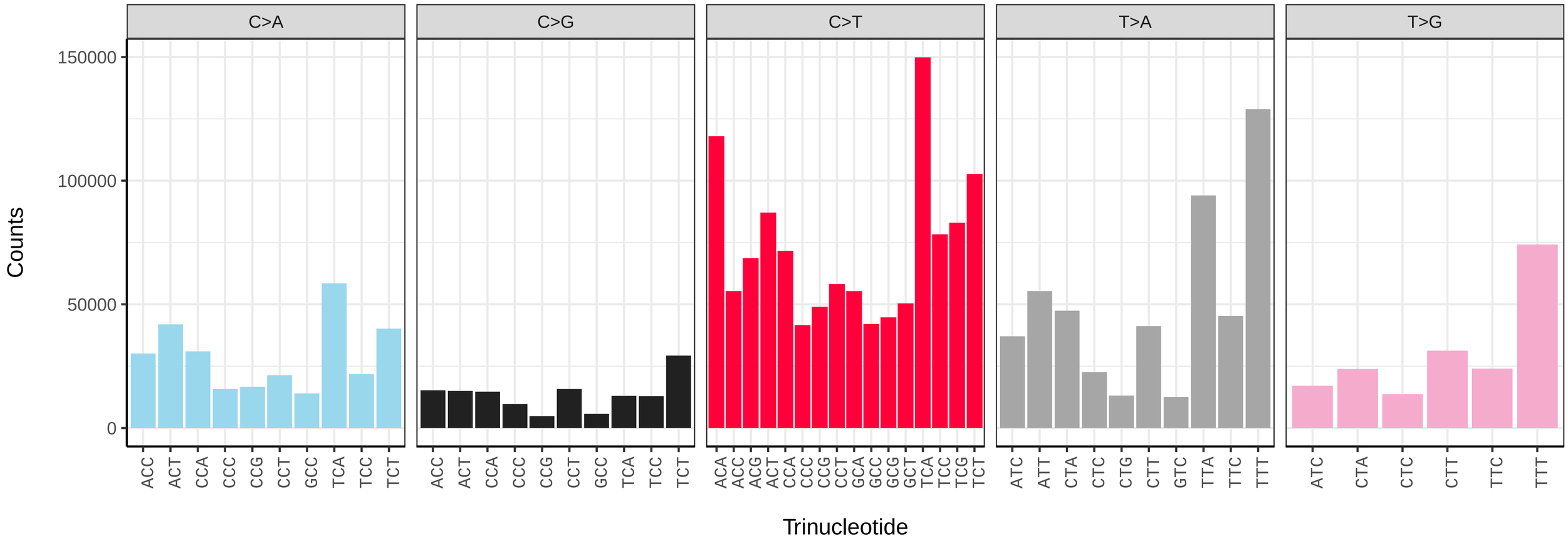
Acronicta psi (ilAcrPsix1) somatic mutational spectrum (SBS96 classification)



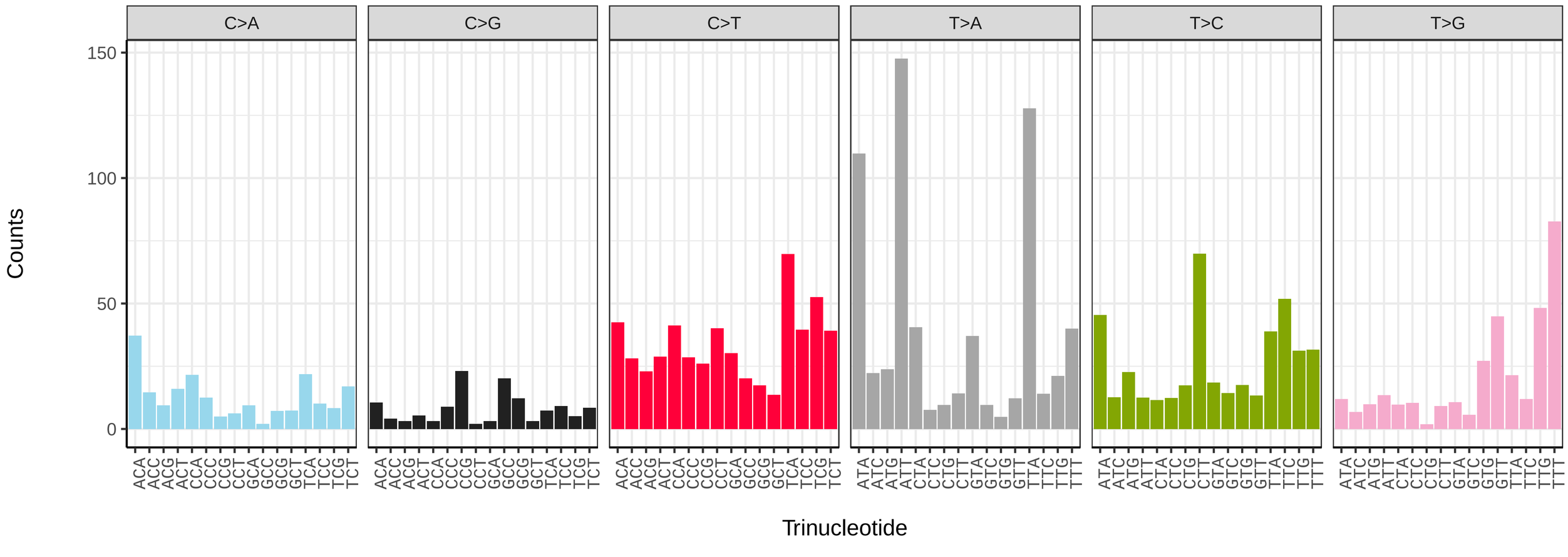
Acronicta psi (ilAcrPsix1) somatic mutational spectrum (SBS52 classification)



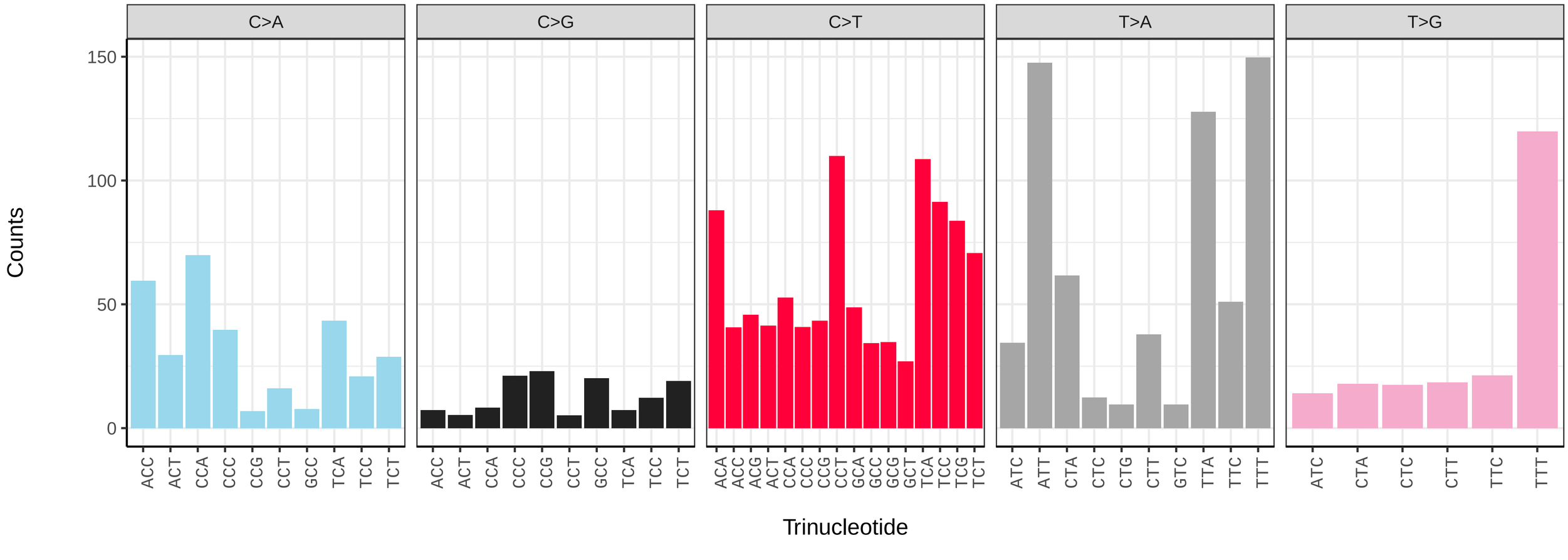
Acrobasis suavella (ilAcrSuav1) germline mutational spectrum



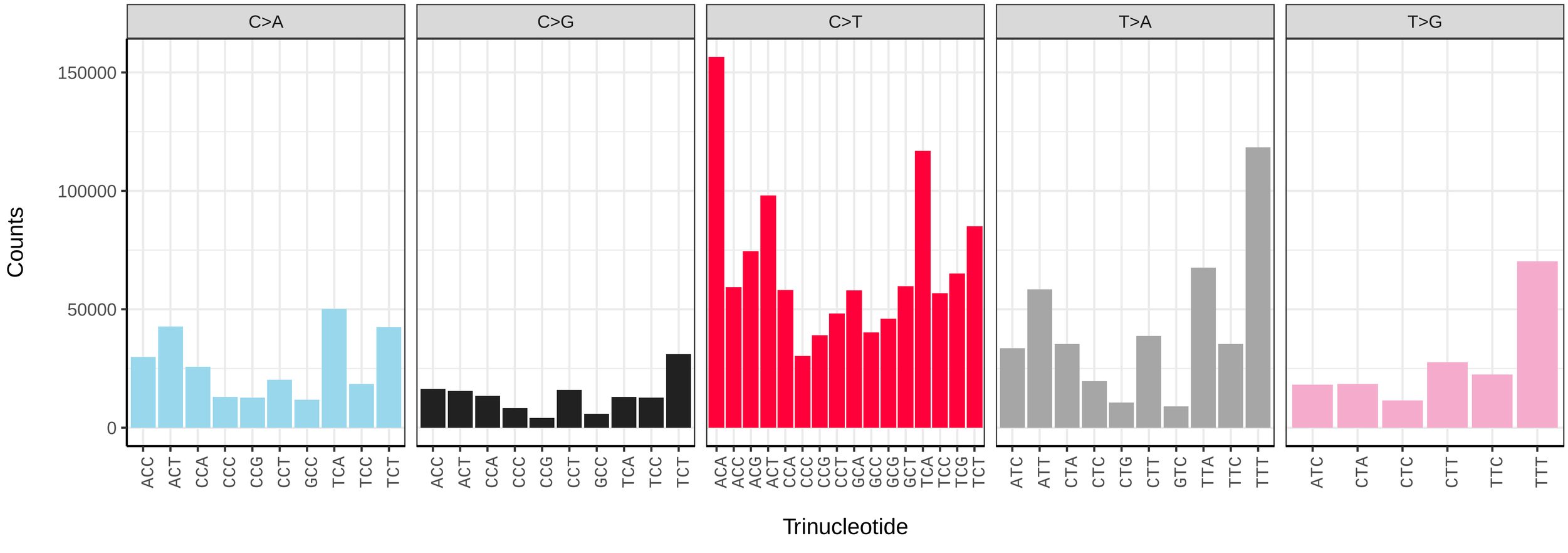
Acrobasis suavella (ilAcrSuav1) somatic mutational spectrum (SBS96 classification)



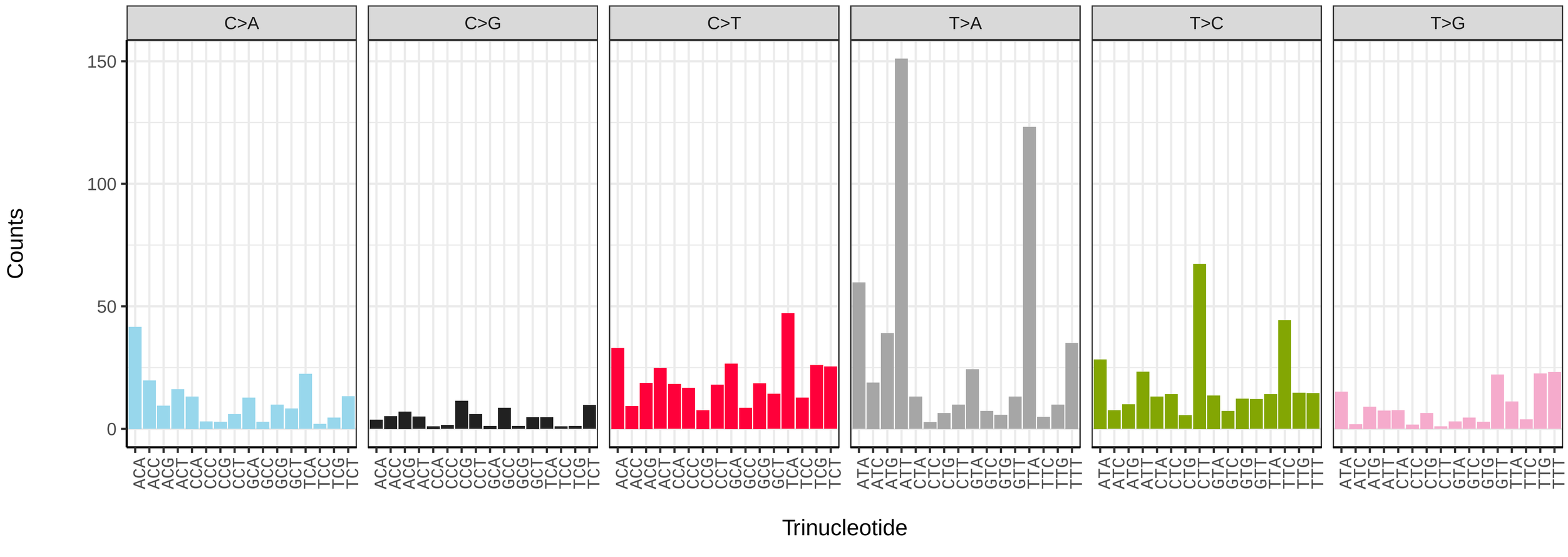
Acrobasis suavella (ilAcrSuav1) somatic mutational spectrum (SBS52 classification)



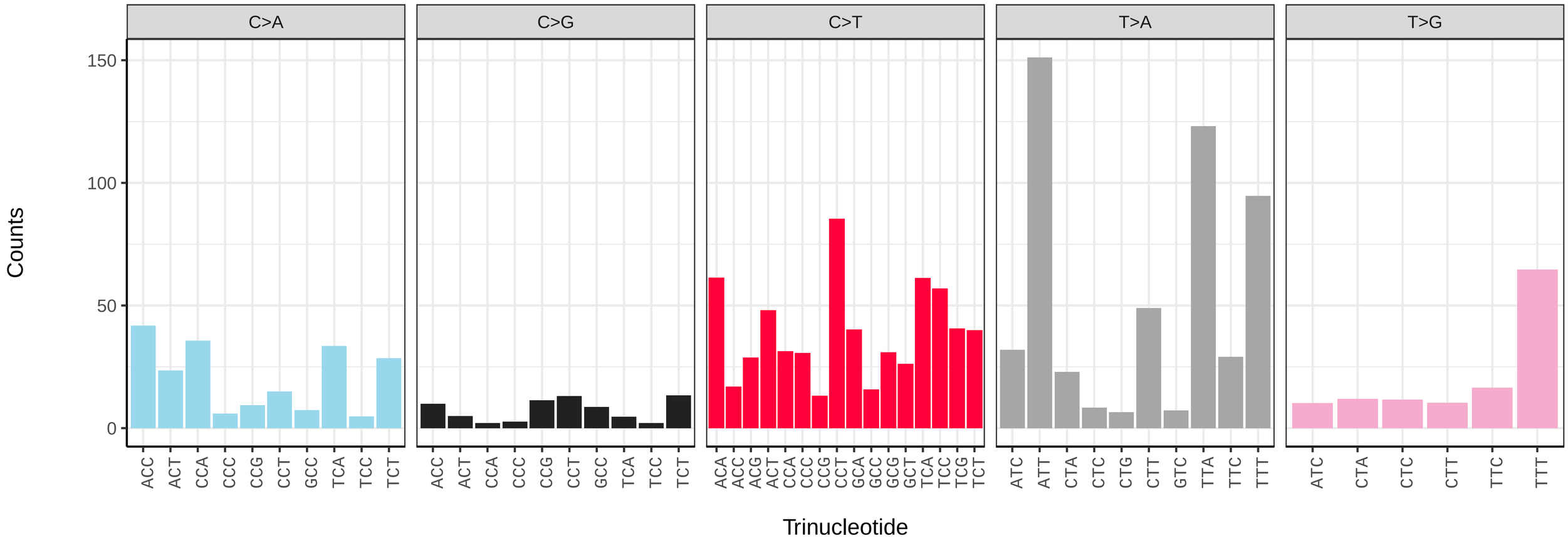
Inachis io (ilAglIoxx1) germline mutational spectrum



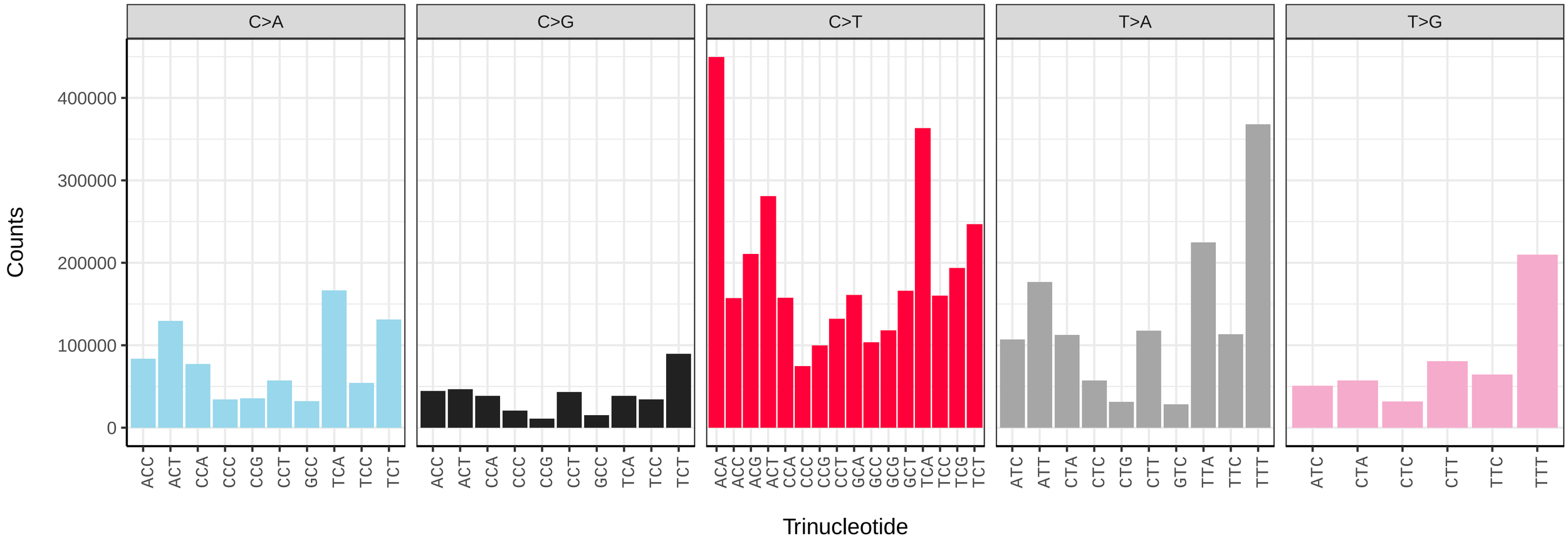
Inachis io (ilAglIoxx1) somatic mutational spectrum (SBS96 classification)



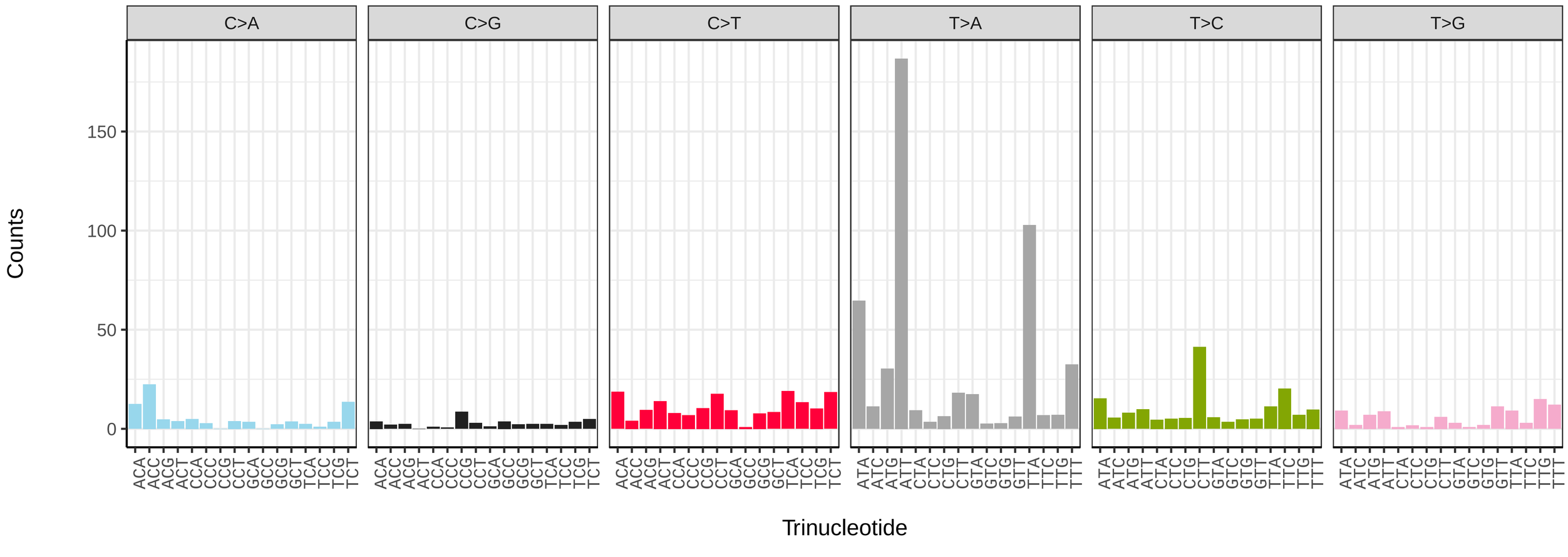
Inachis io (ilAglIoxx1) somatic mutational spectrum (SBS52 classification)



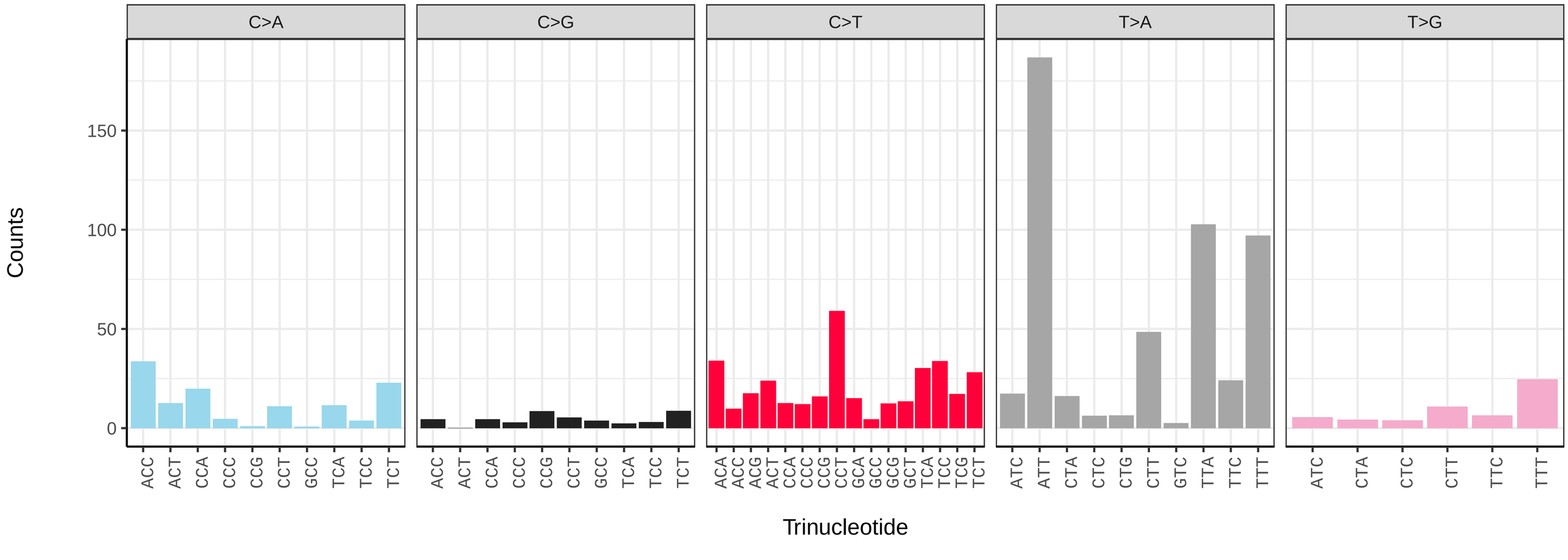
Aglais urticae (ilAglUrti1) germline mutational spectrum



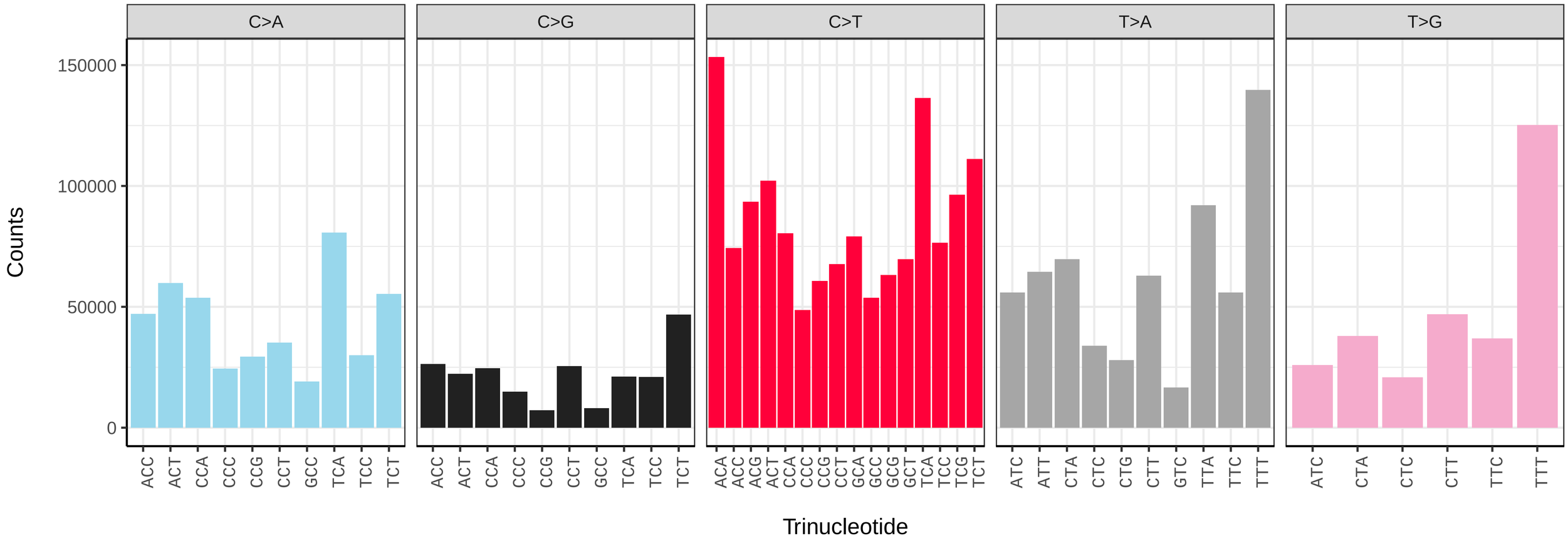
Aglais urticae (ilAglUrti1) somatic mutational spectrum (SBS96 classification)



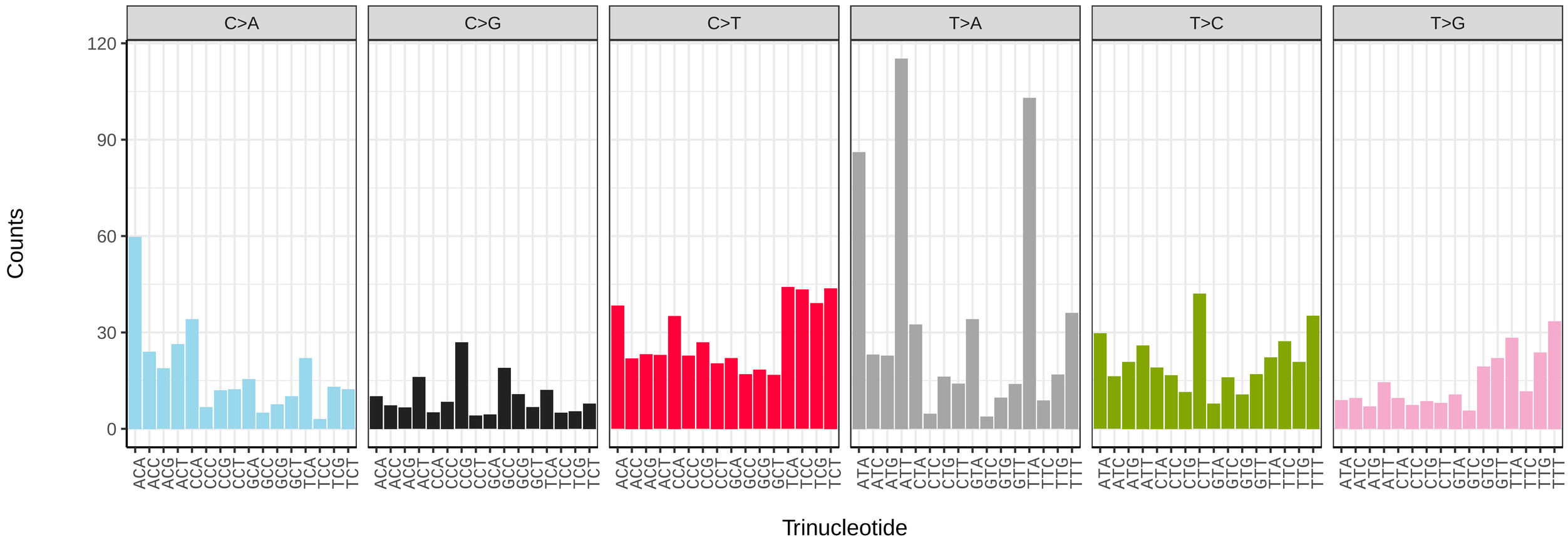
Aglais urticae (ilAglUrti1) somatic mutational spectrum (SBS52 classification)



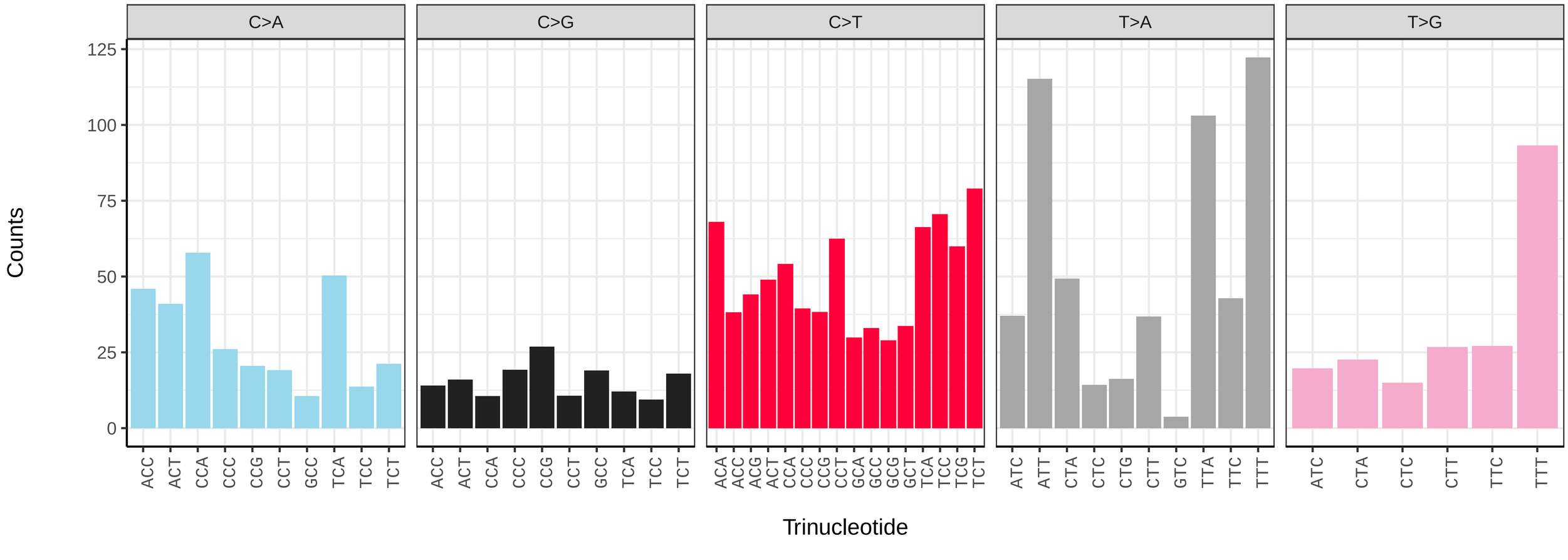
Agonopterix arenella (ilAgoAren1) germline mutational spectrum



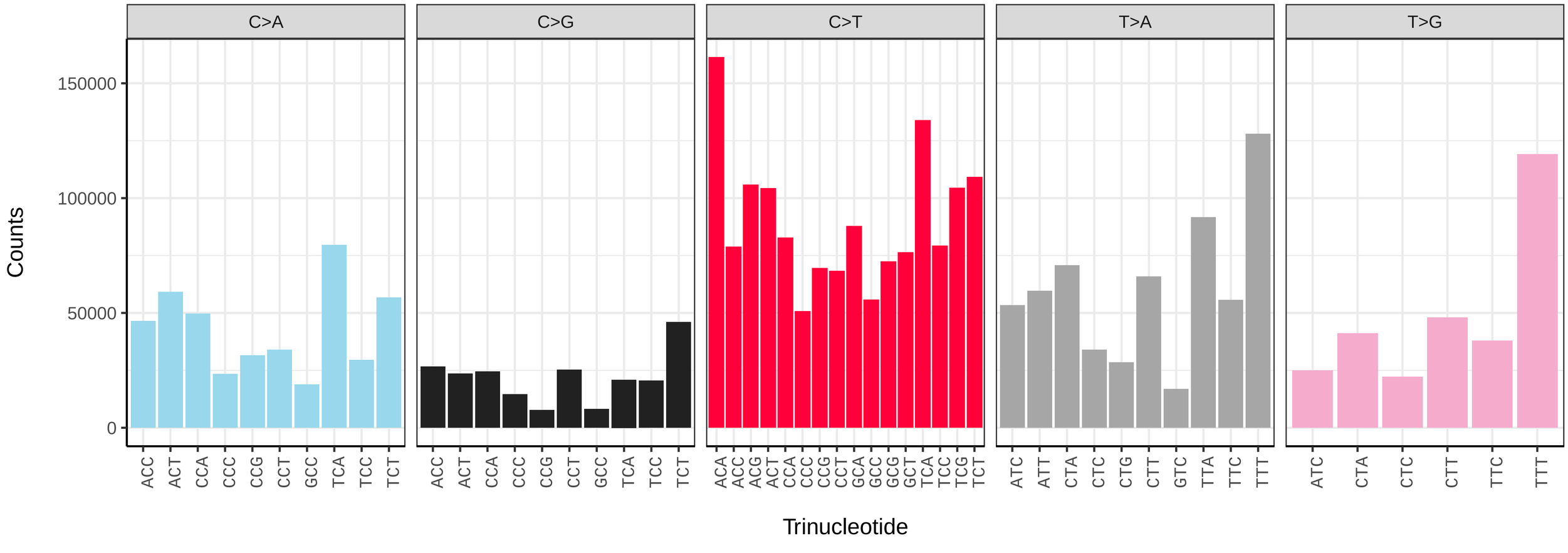
Agonopterix arenella (ilAgoAren1) somatic mutational spectrum (SBS96 classification)



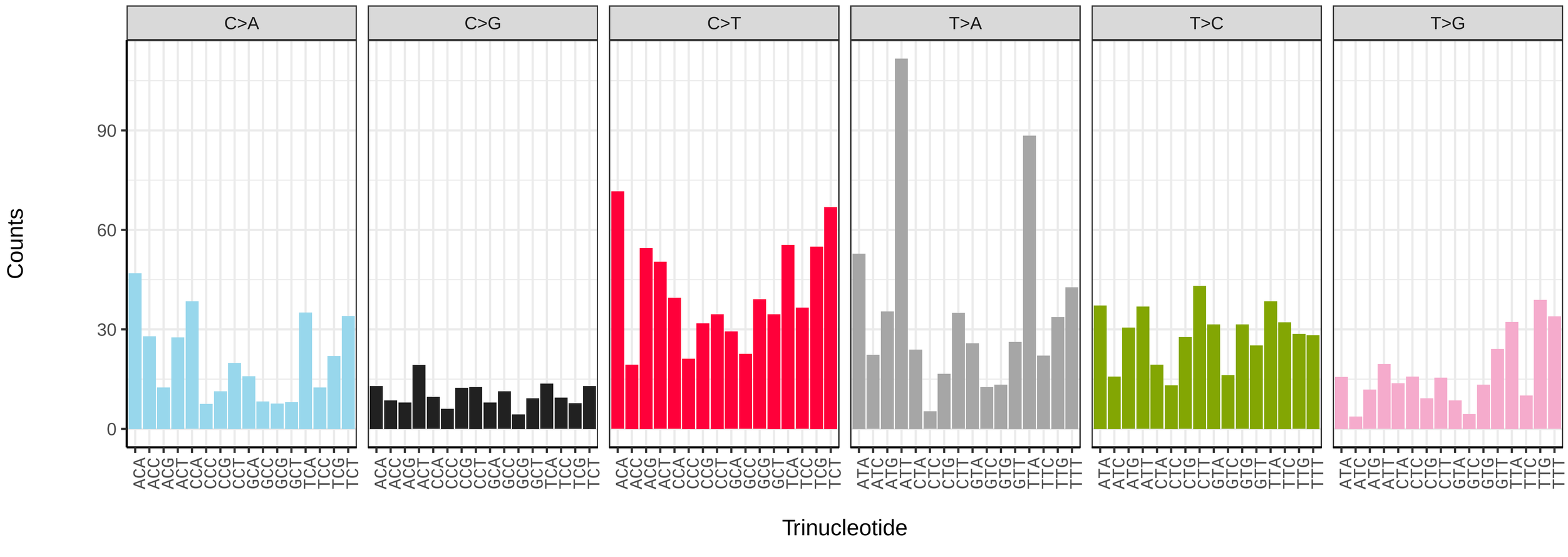
Agonopterix arenella (ilAgoAren1) somatic mutational spectrum (SBS52 classification)



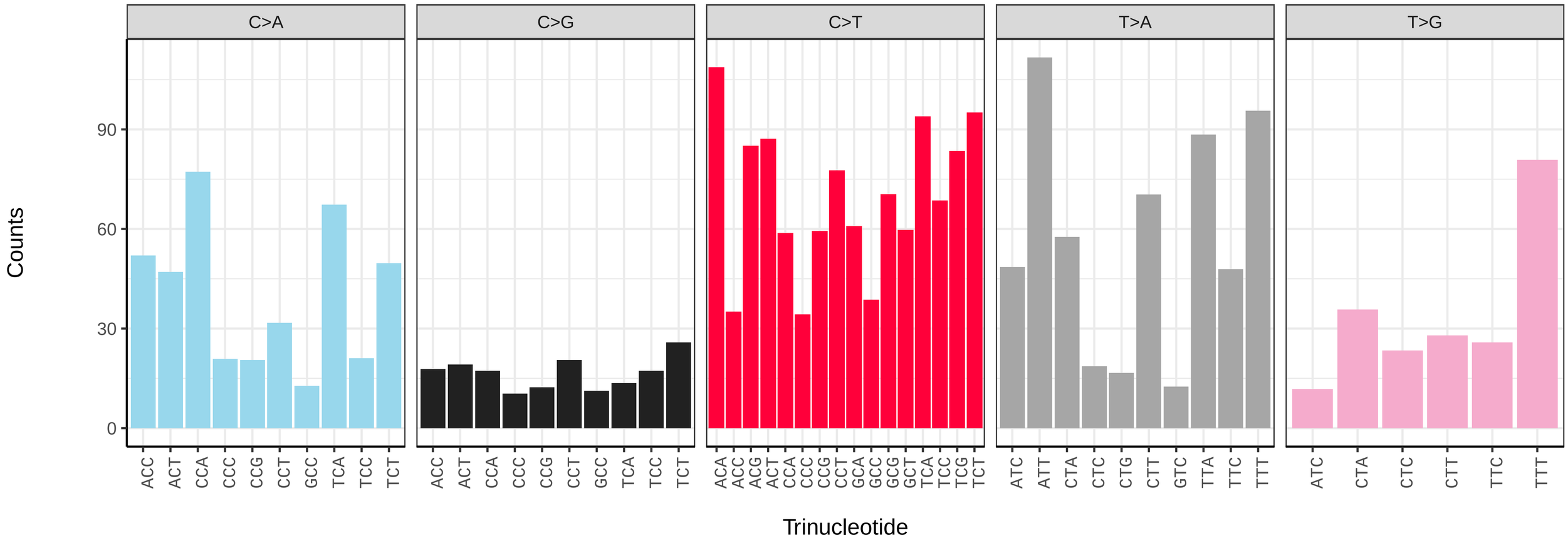
Agonopterix subpropinquella (ilAgoSubp1) germline mutational spectrum



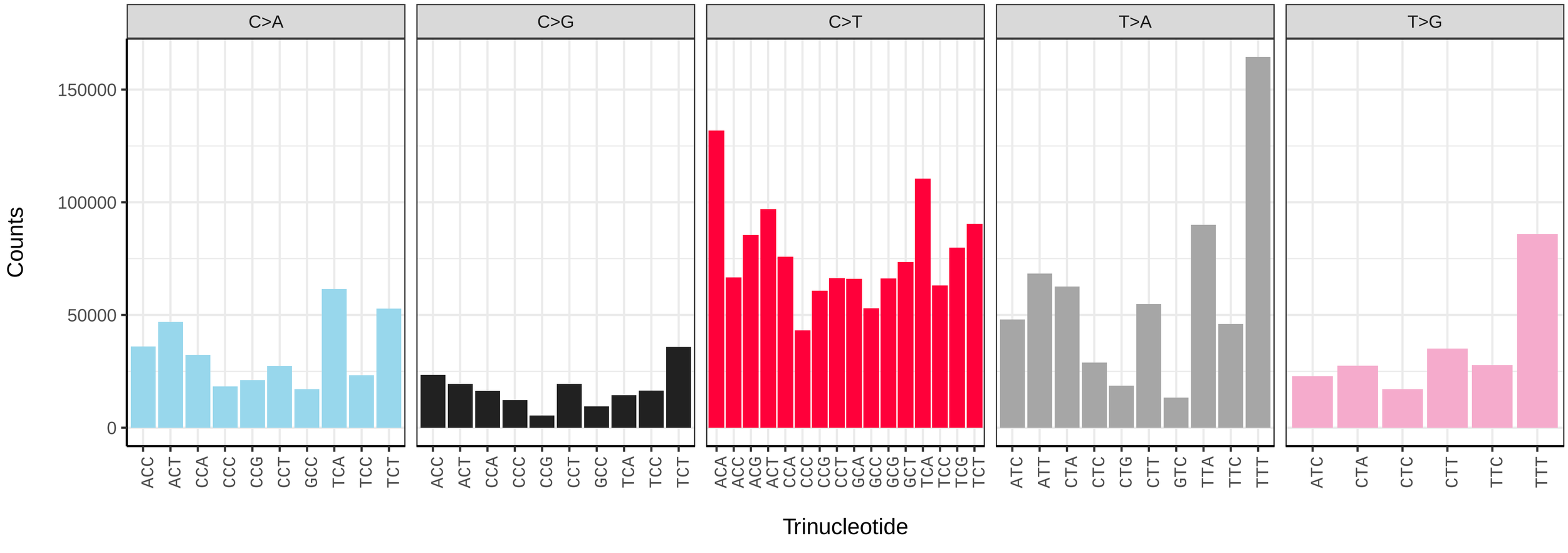
Agonopterix subpropinquella (ilAgoSubp1) somatic mutational spectrum (SBS96 classification)



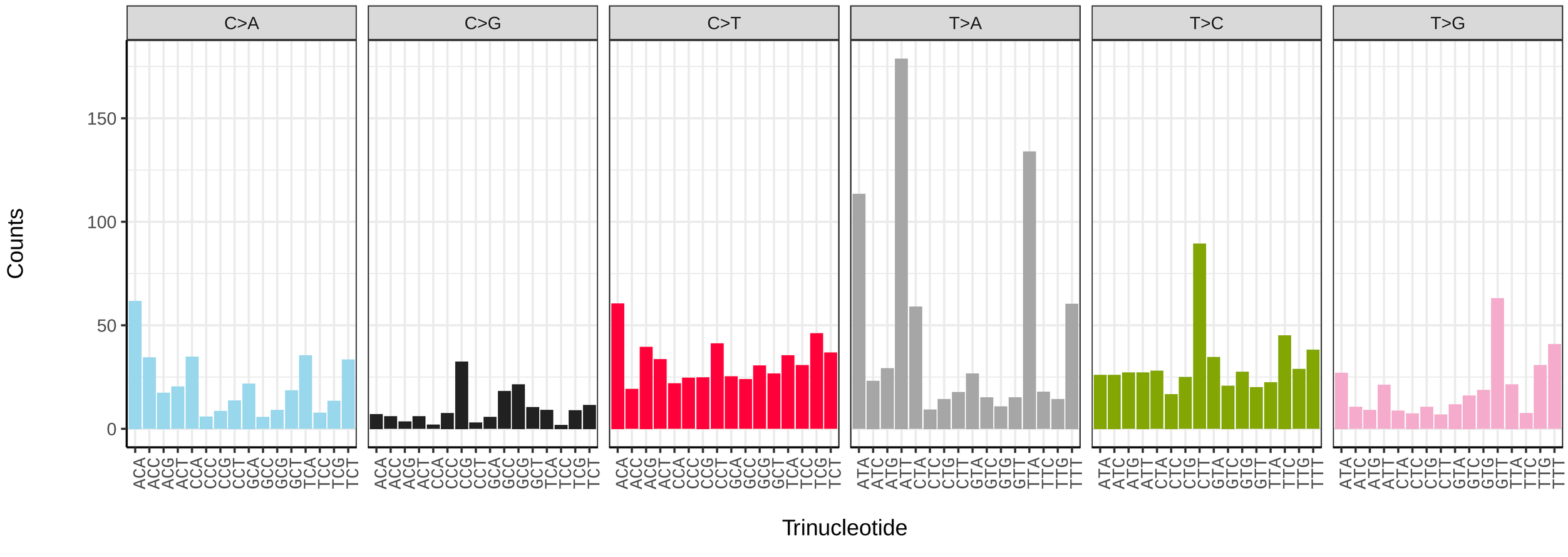
Agonopterix subpropinquella (ilAgoSubp1) somatic mutational spectrum (SBS52 classification)



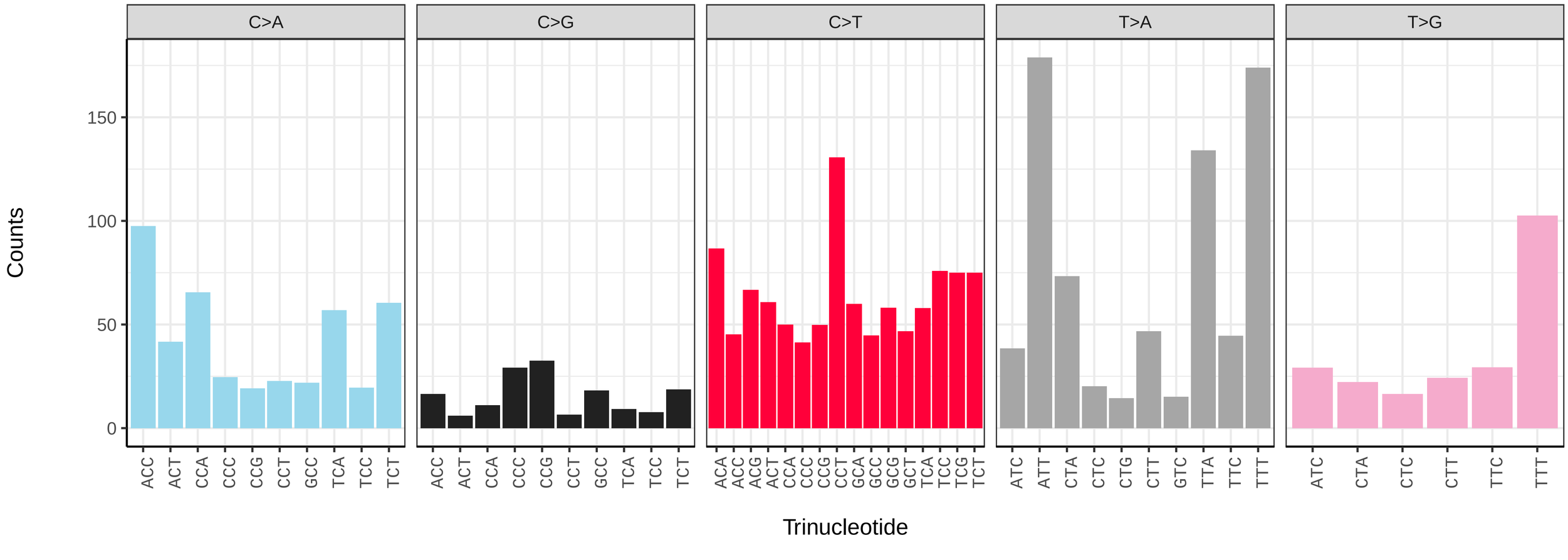
Agriopis aurantiaria (ilAgrAura1) germline mutational spectrum



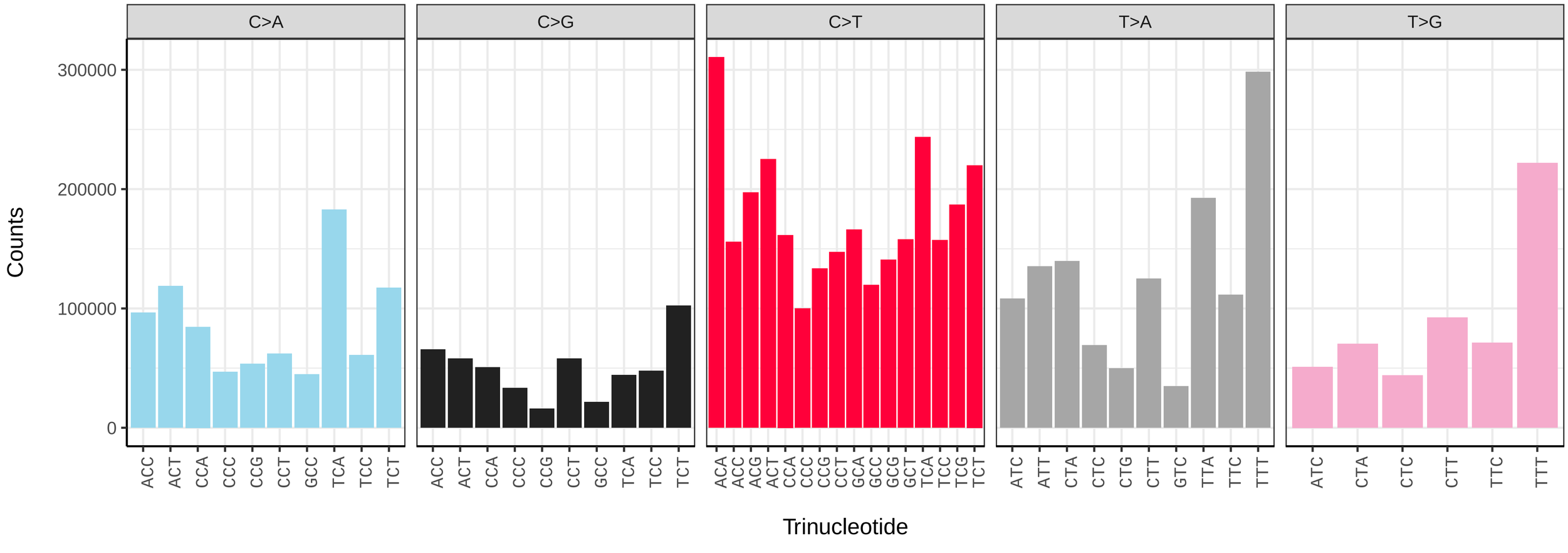
Agriopis aurantiaria (ilAgrAura1) somatic mutational spectrum (SBS96 classification)



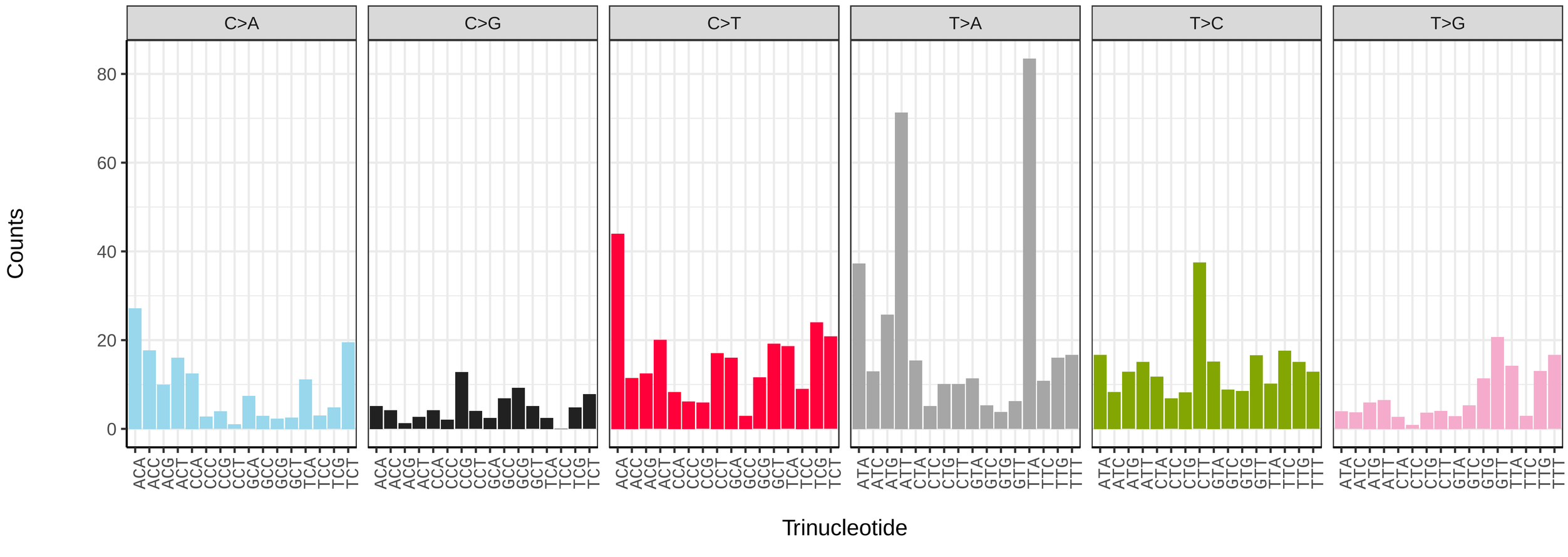
Agriopis aurantiaria (ilAgrAura1) somatic mutational spectrum (SBS52 classification)



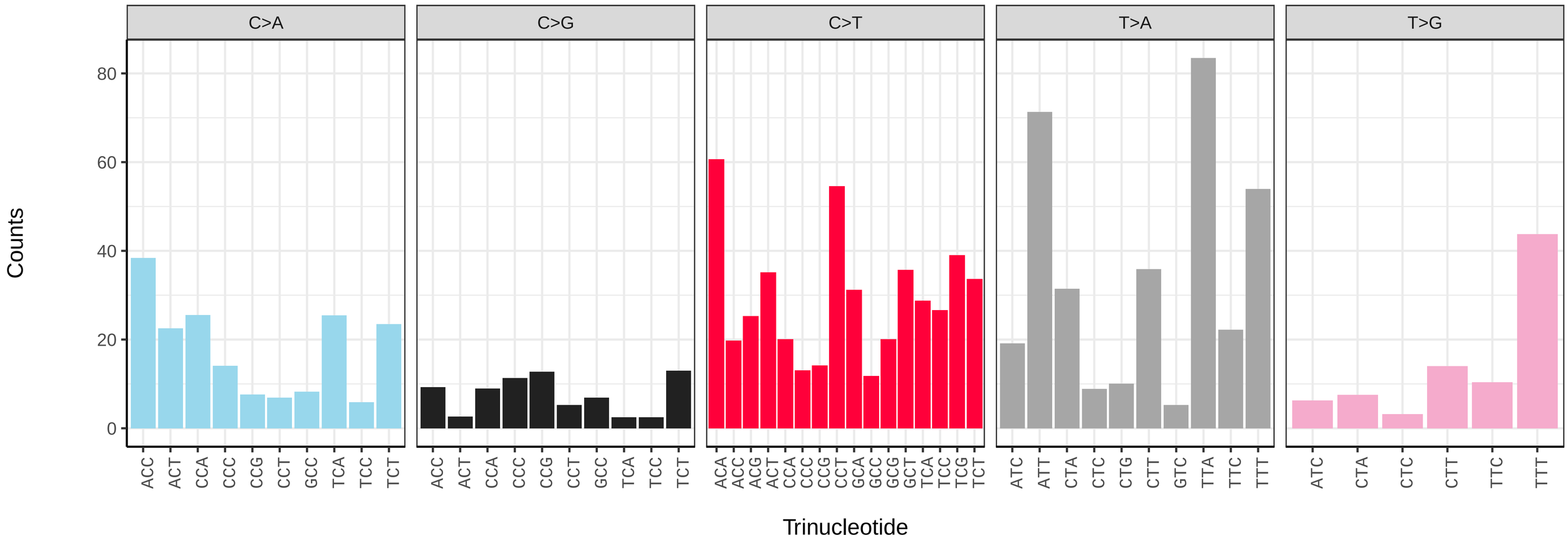
Agrochola circellaris (ilAgrCirc1) germline mutational spectrum



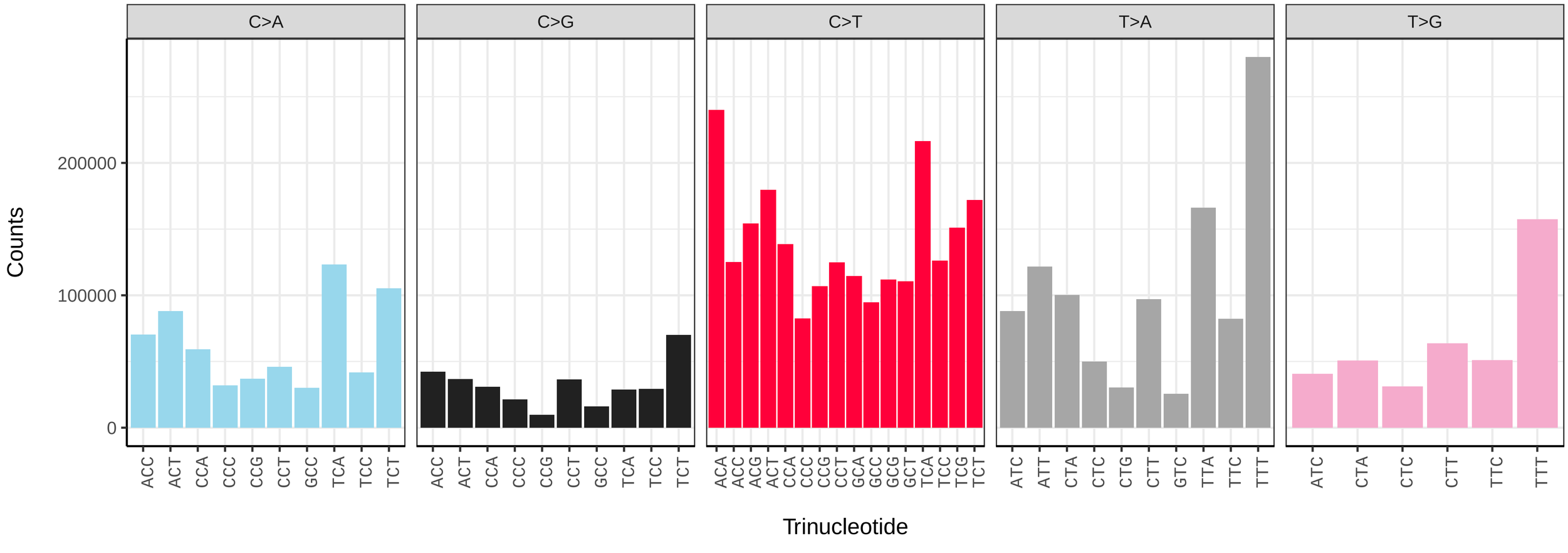
Agrochola circellaris (ilAgrCirc1) somatic mutational spectrum (SBS96 classification)



Agrochola circellaris (ilAgrCirc1) somatic mutational spectrum (SBS52 classification)



Agriopis leucophaearia (ilAgrLeuc1) germline mutational spectrum



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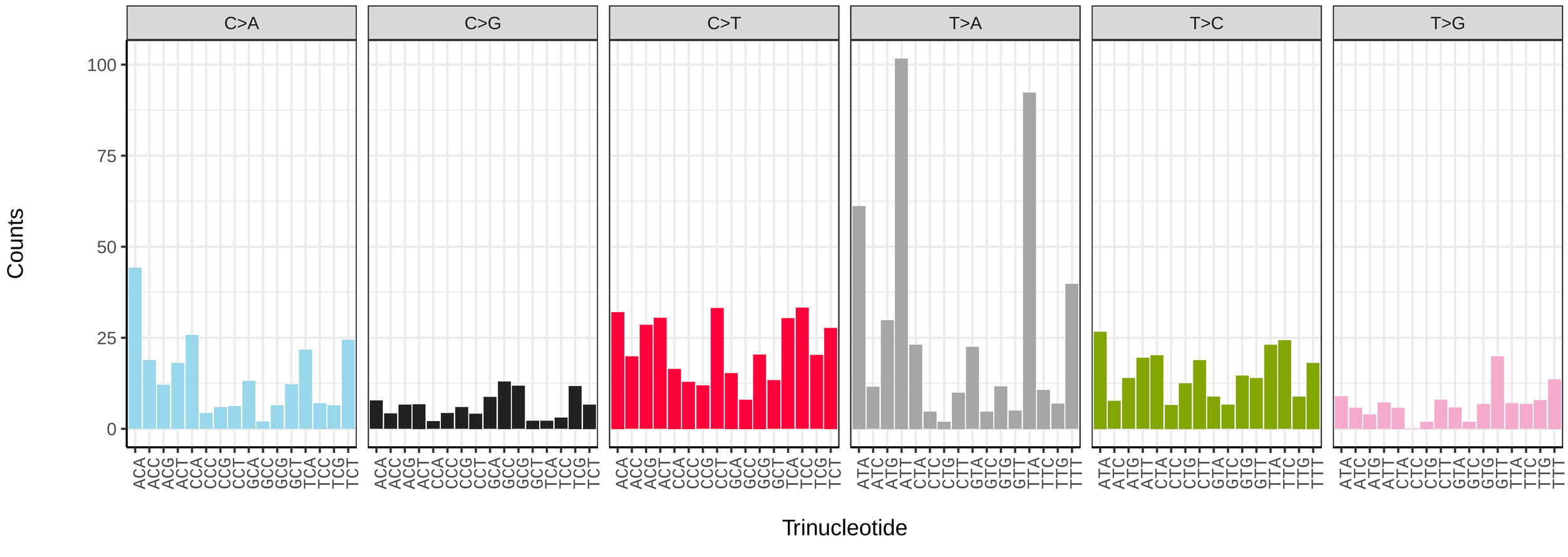
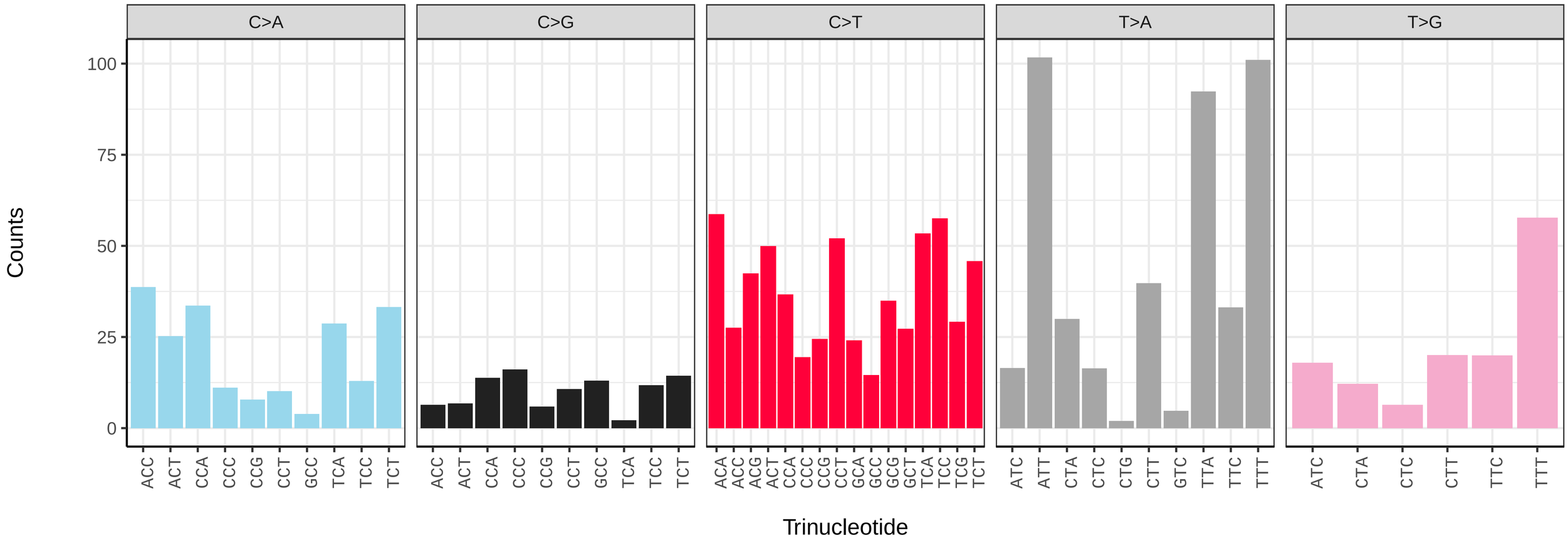
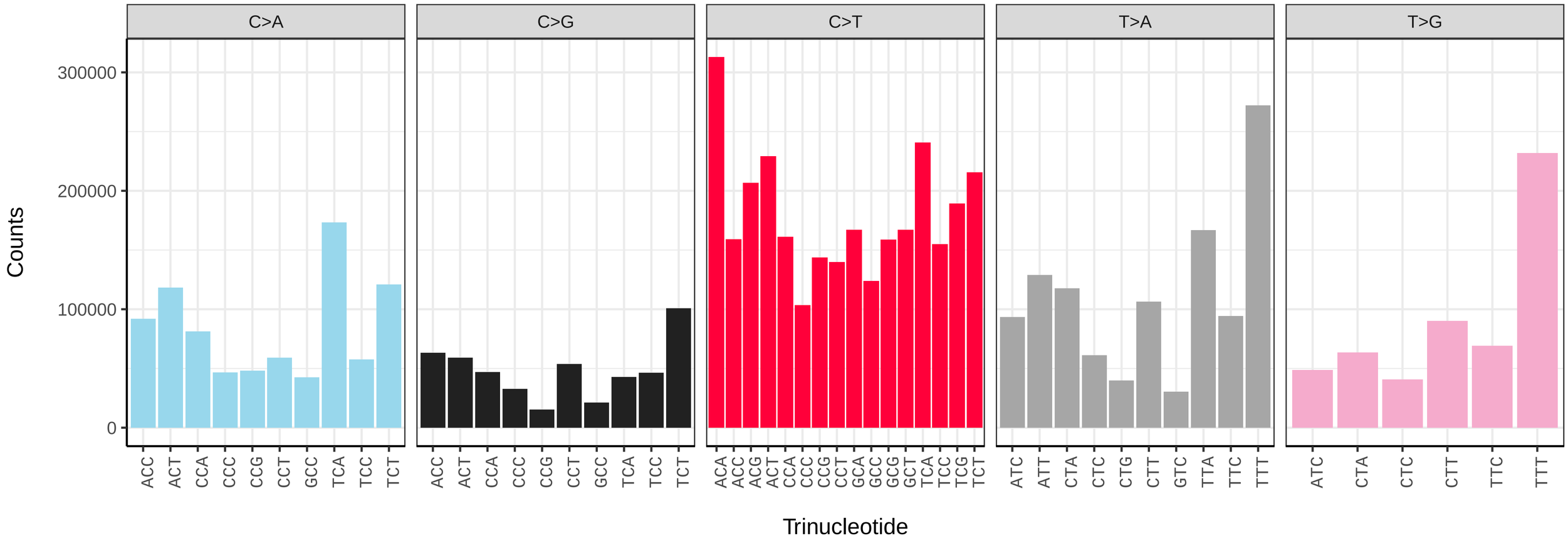


Agriopis leucophaearia (ilAgrLeuc1) somatic mutational spectrum (SBS52 classification)



Agrochola lota (ilAgrLota1) germline mutational spectrum



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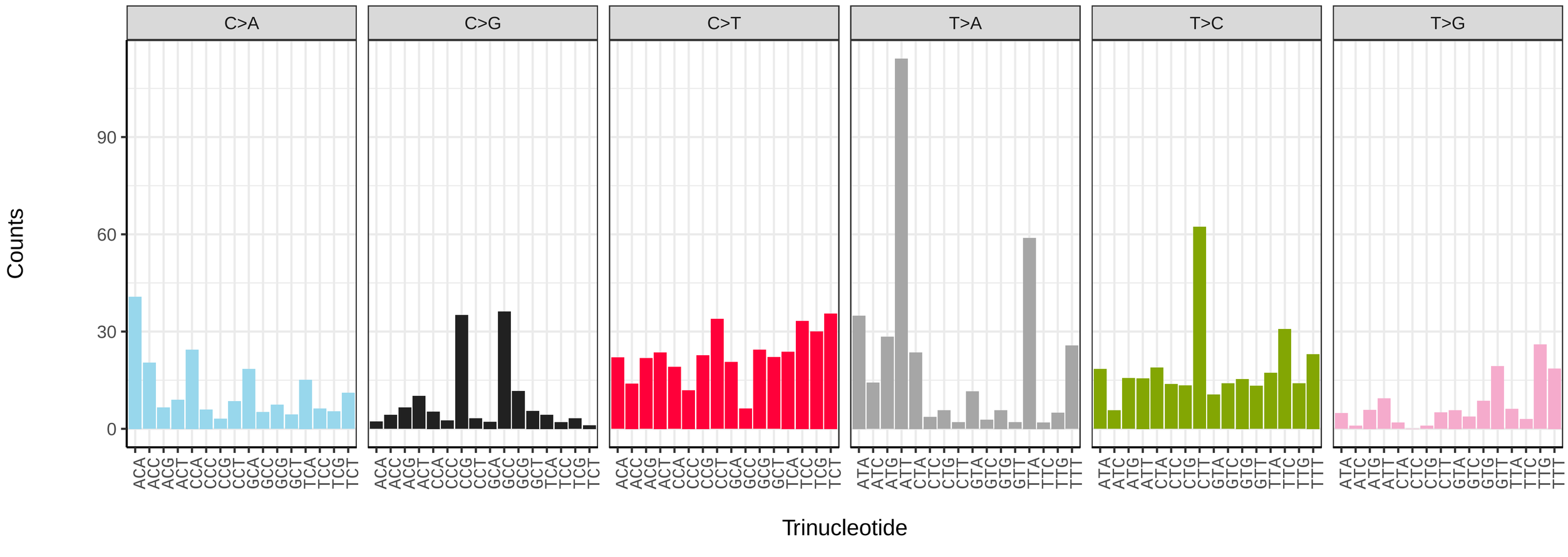
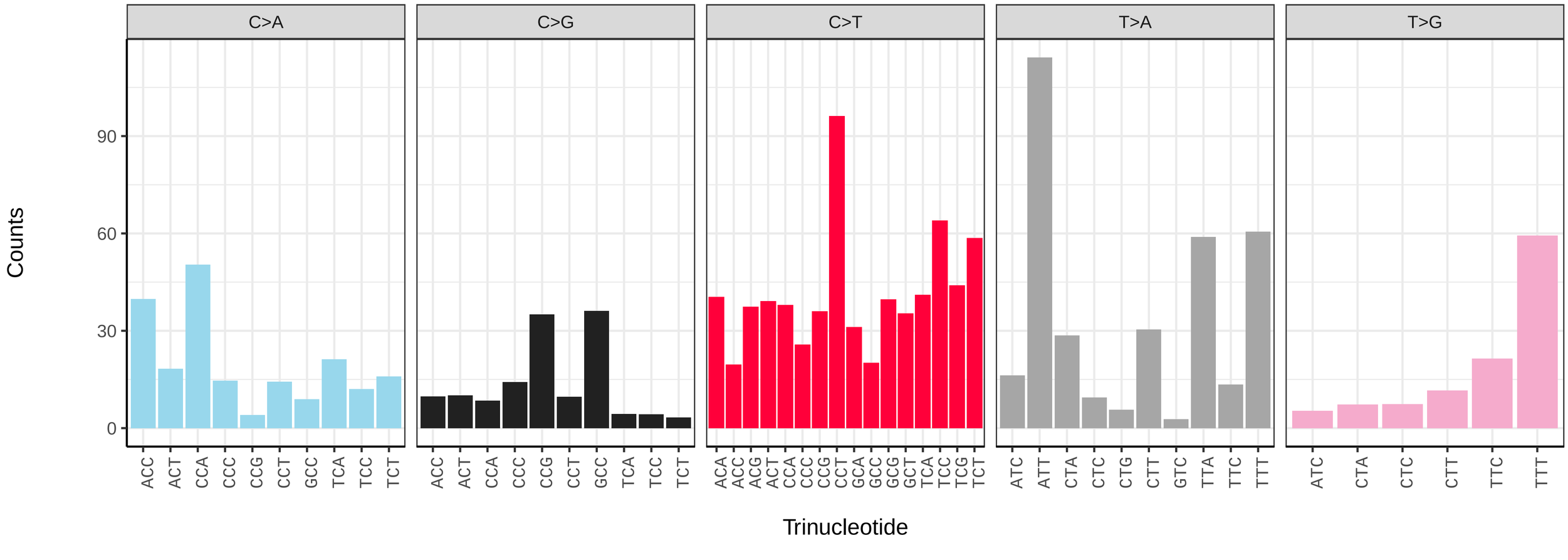
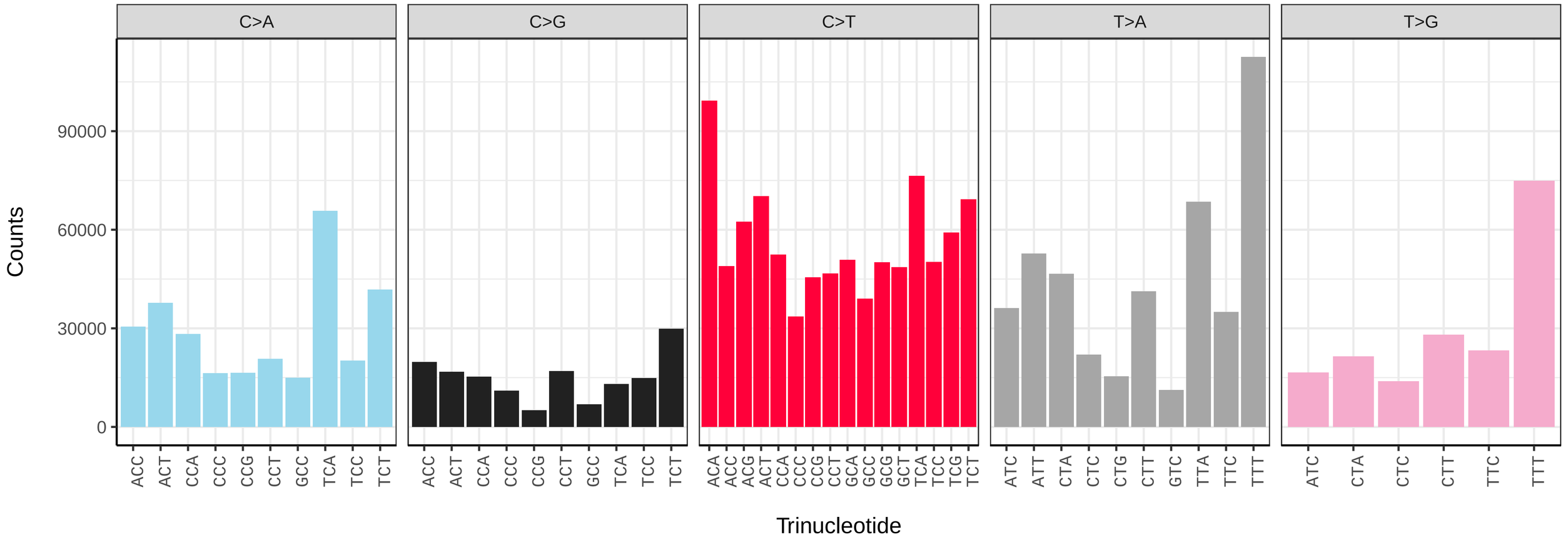


Agrochola lota (ilAgrLota1) somatic mutational spectrum (SBS52 classification)



Agrochola macilenta (ilAgrMaci1) germline mutational spectrum



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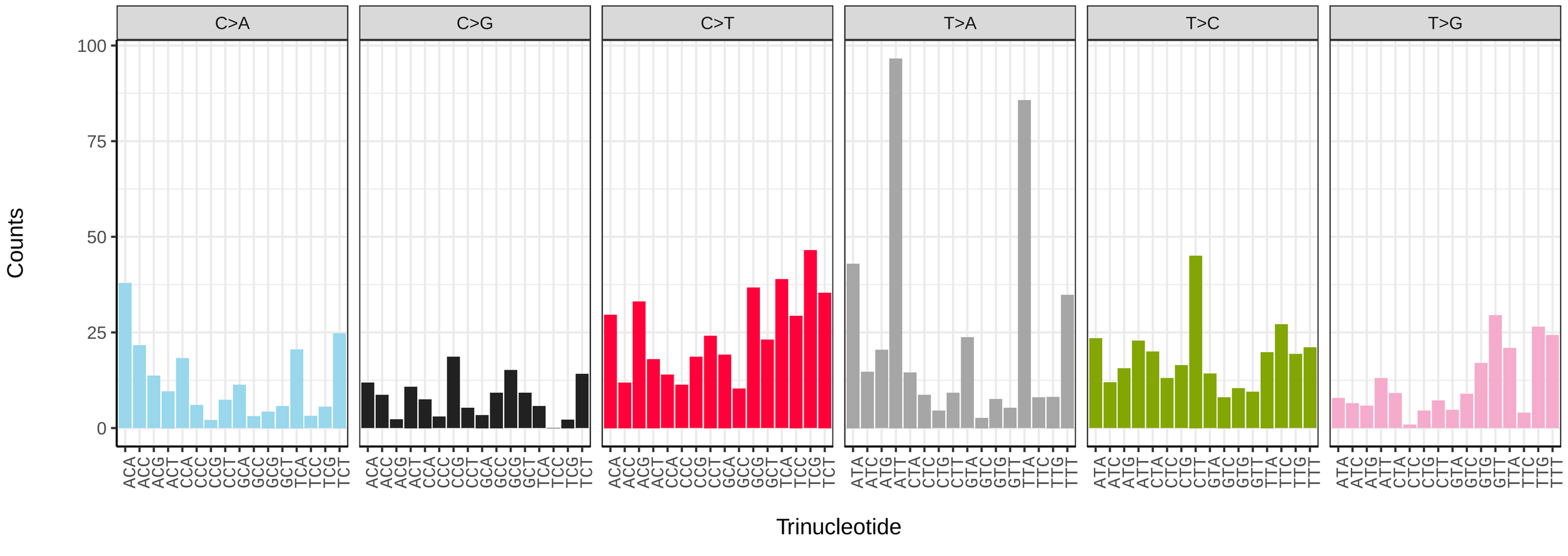

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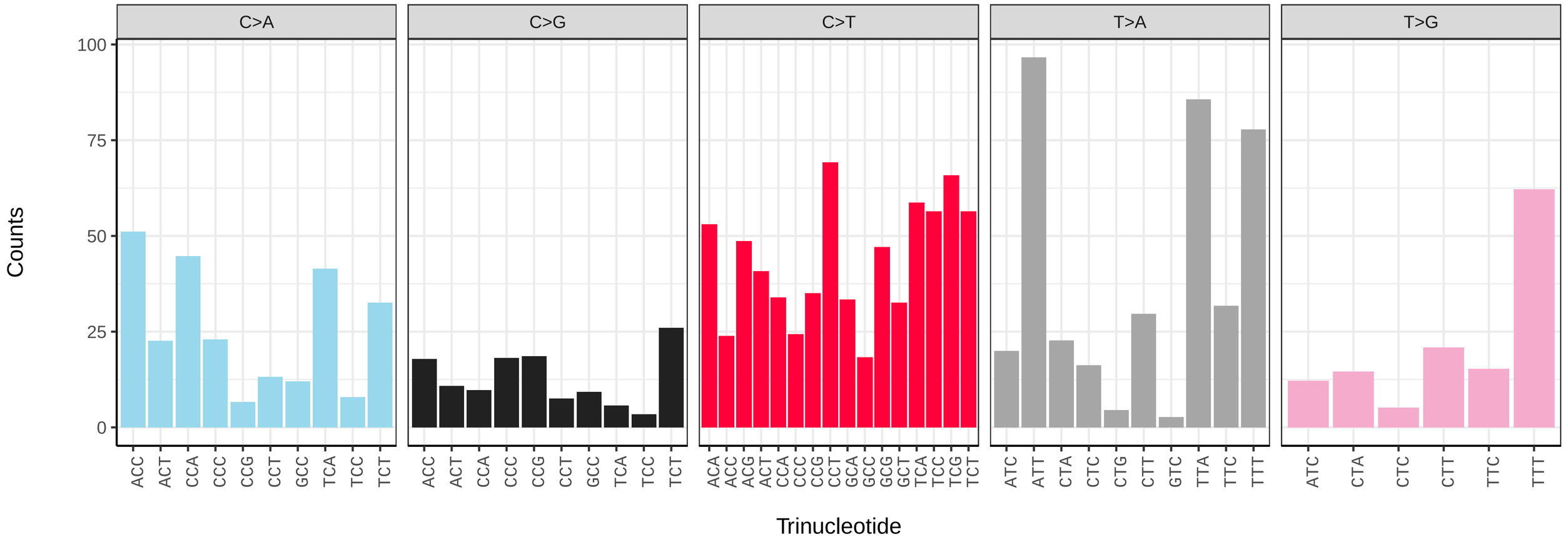
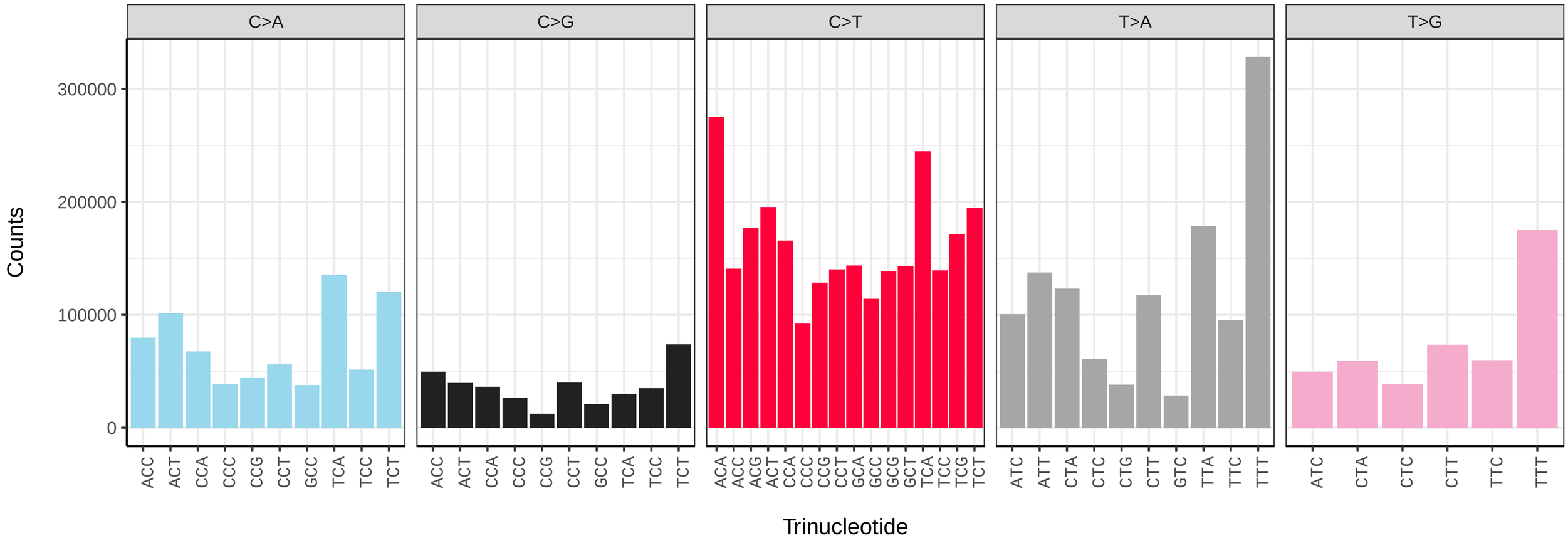


Agriopis marginaria (ilAgrMarg1) germline mutational spectrum



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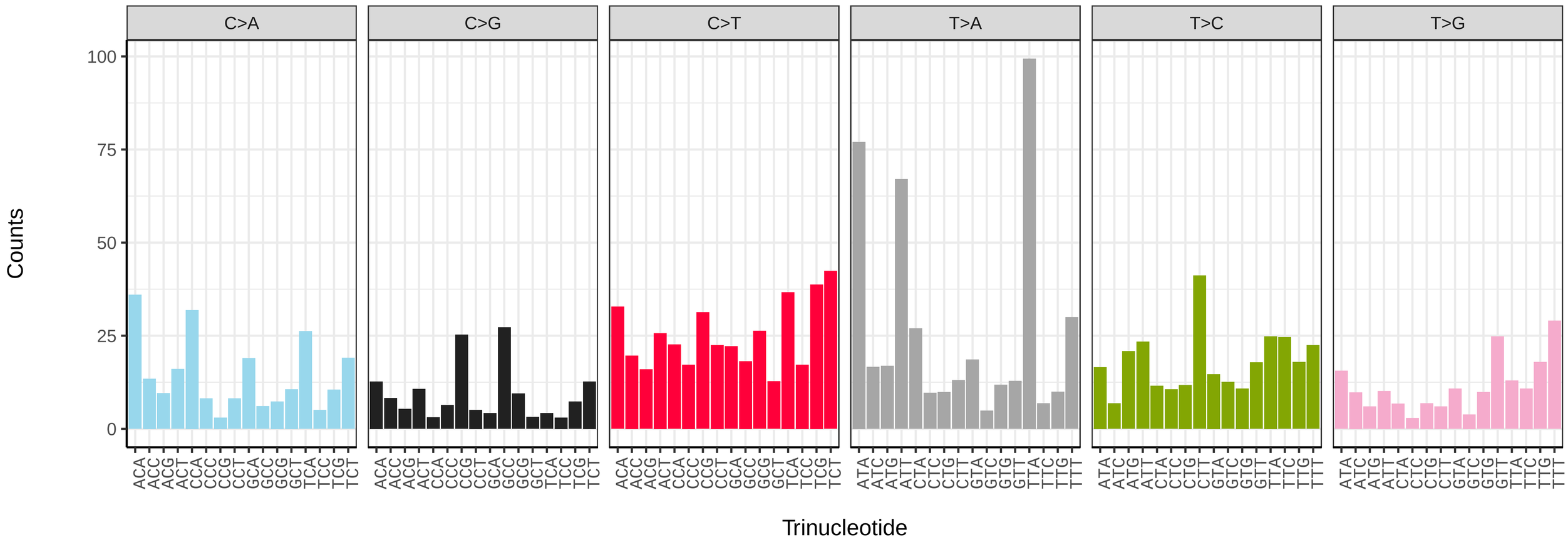

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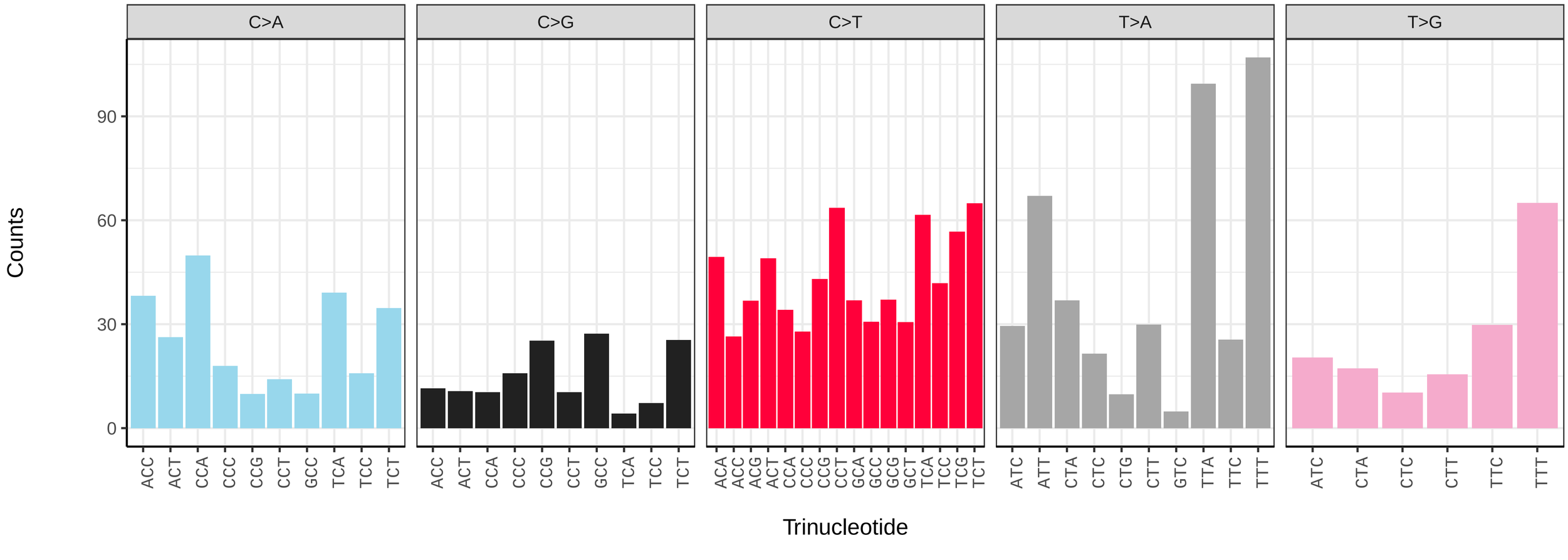
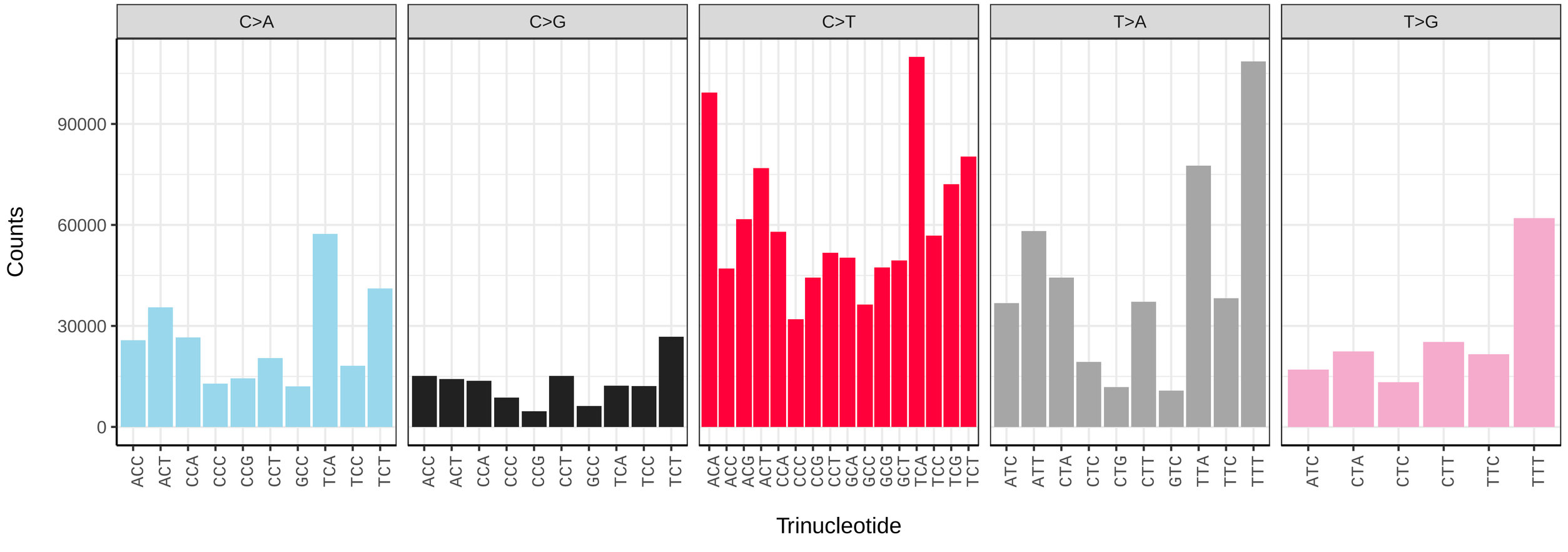


Agriphila tristella (ilAgrTris1) germline mutational spectrum



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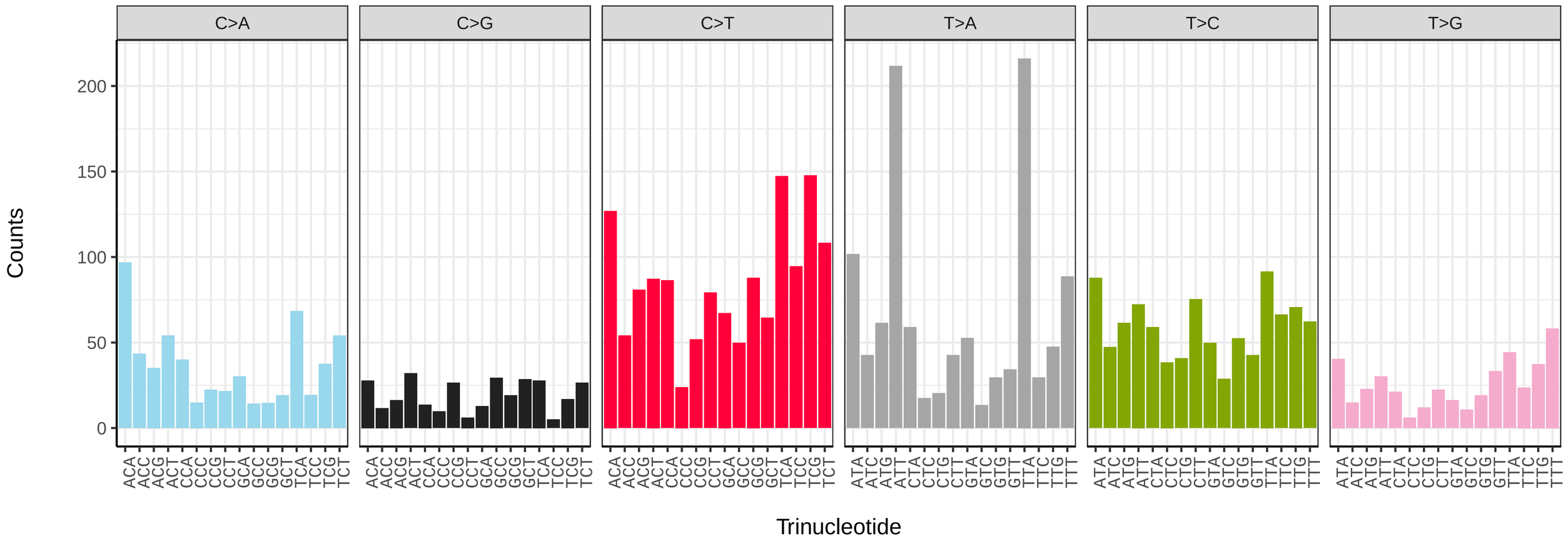
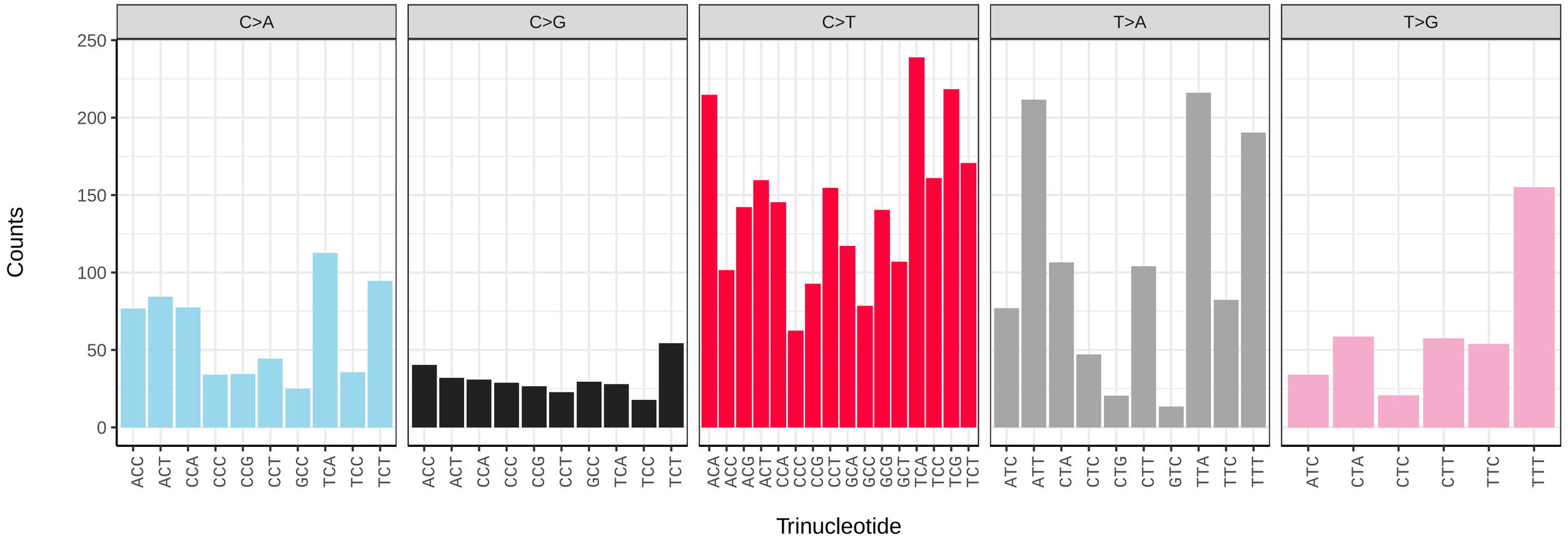
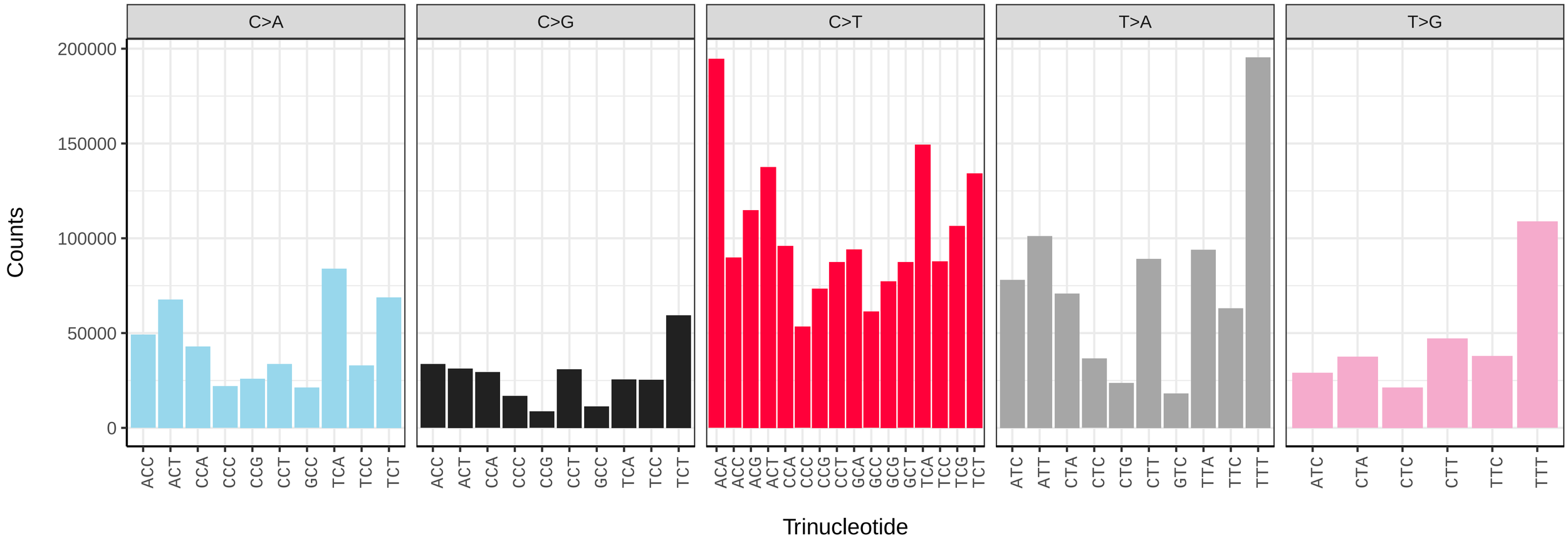


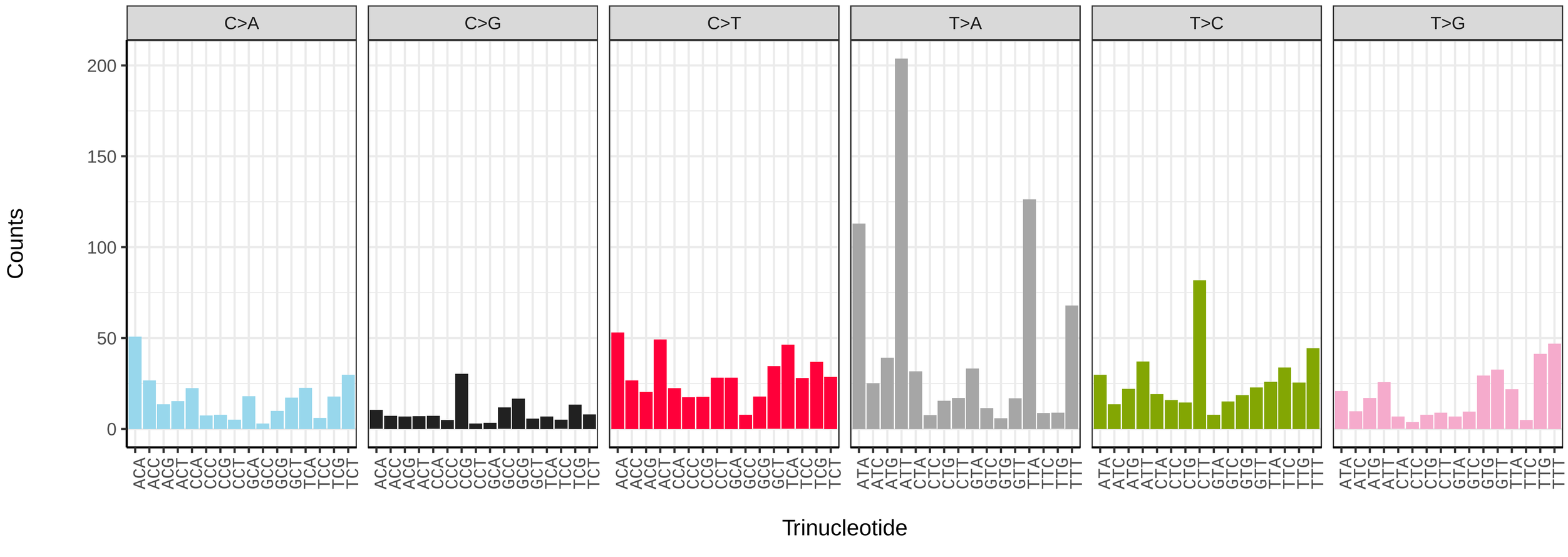
Agriphila tristella (ilAgrTris1) somatic mutational spectrum (SBS52 classification)



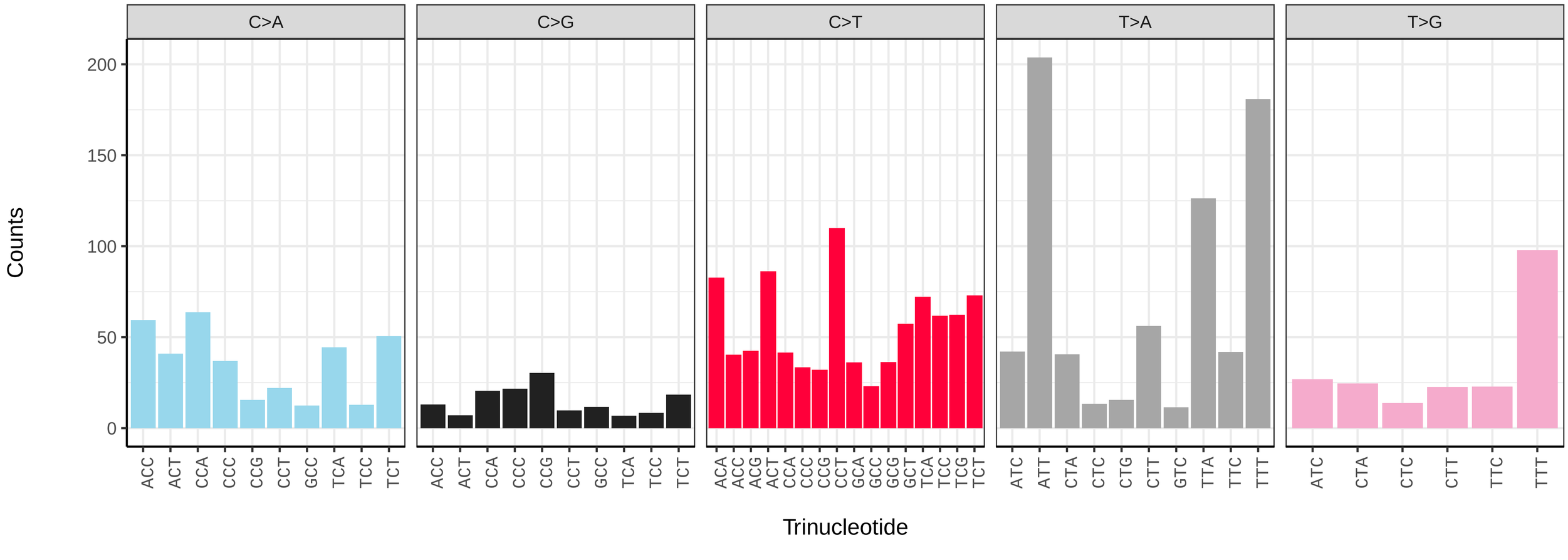
Allophyes oxyacanthae (ilAllOxya1) germline mutational spectrum



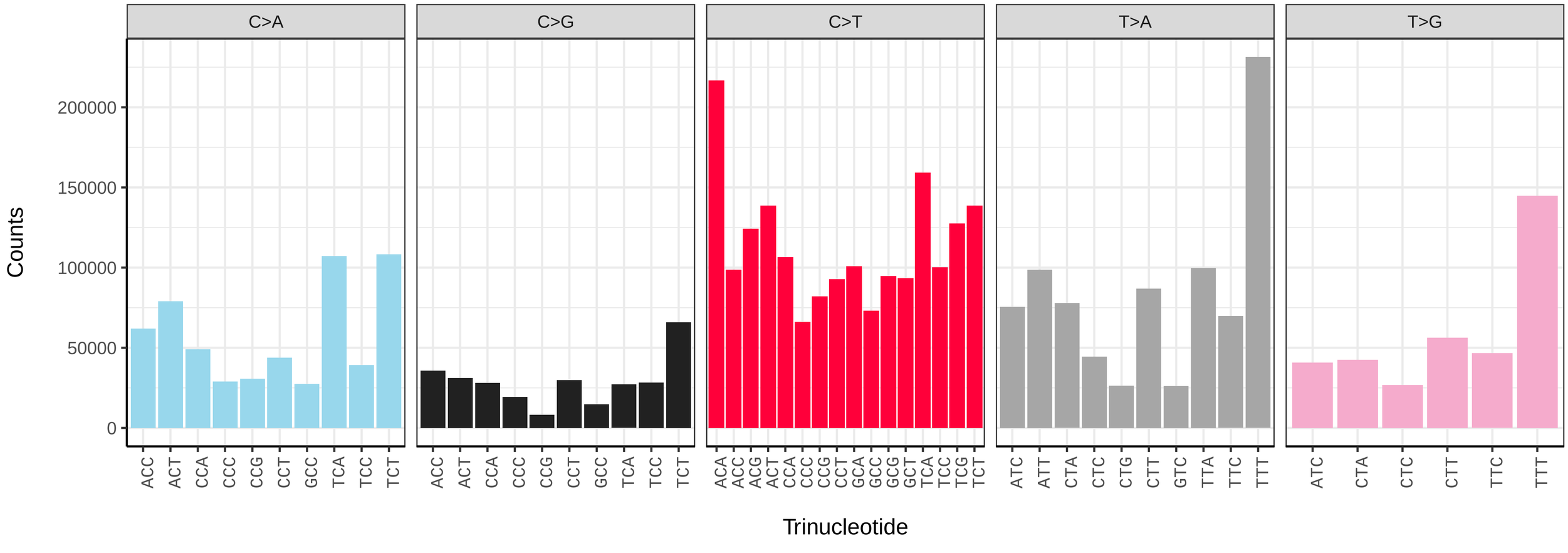
Allophyes oxyacanthae (ilAllOxya1) somatic mutational spectrum (SBS96 classification)



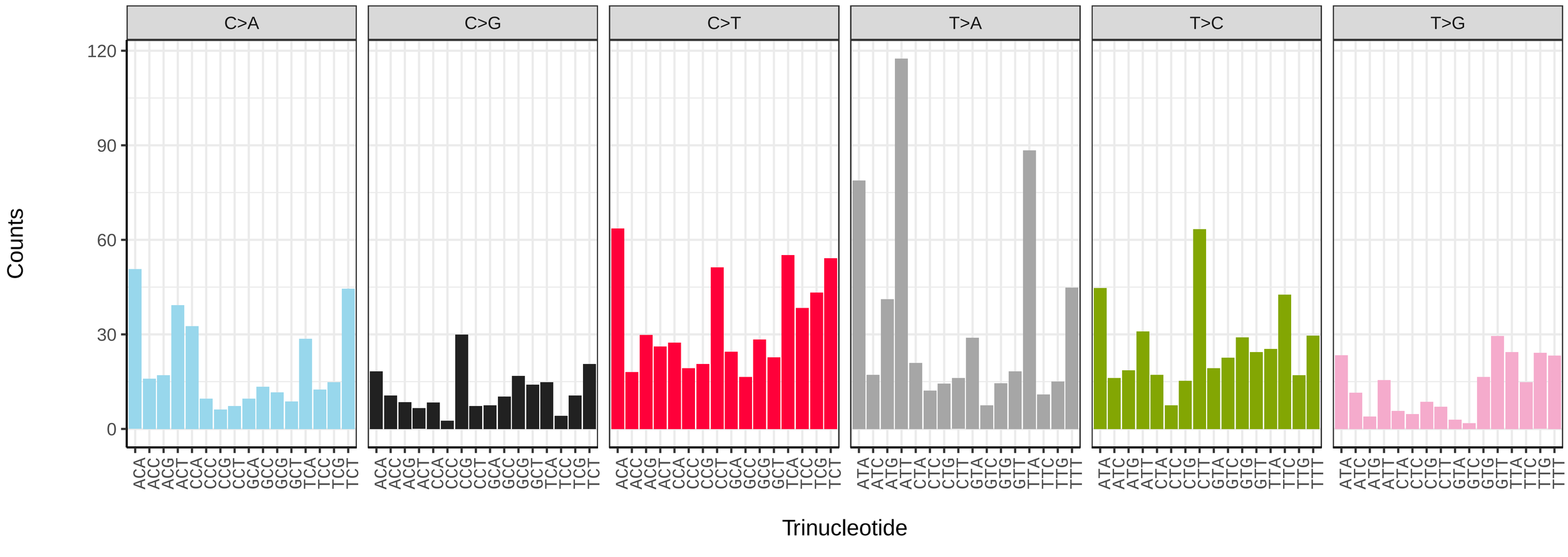
Allophyes oxyacanthae (ilAllOxya1) somatic mutational spectrum (SBS52 classification)



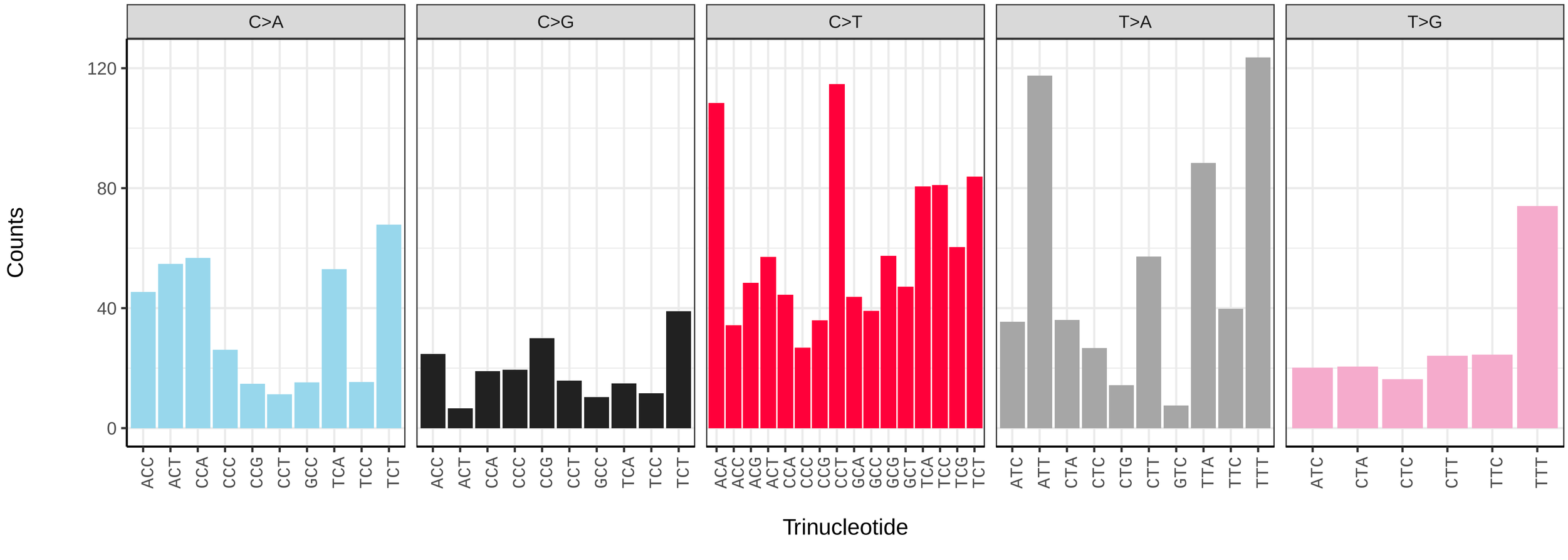
Alsophila aescularia (ilAlsAesc1) germline mutational spectrum



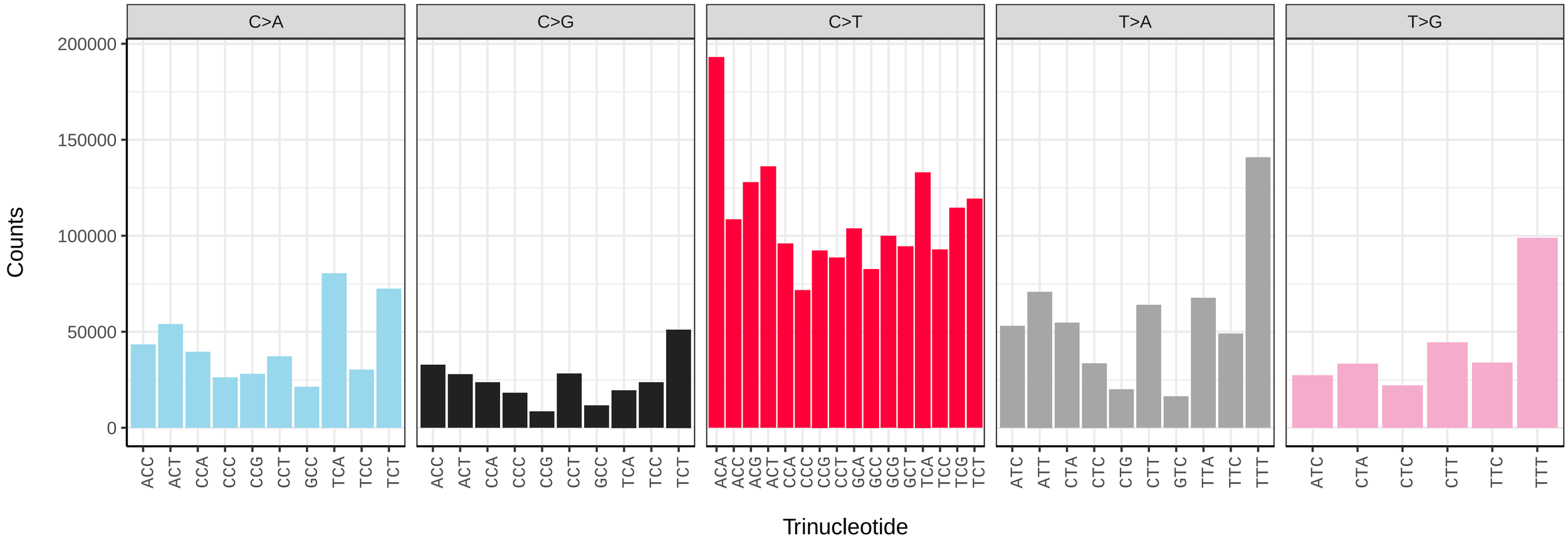
Alsophila aescularia (ilAlsAesc1) somatic mutational spectrum (SBS96 classification)



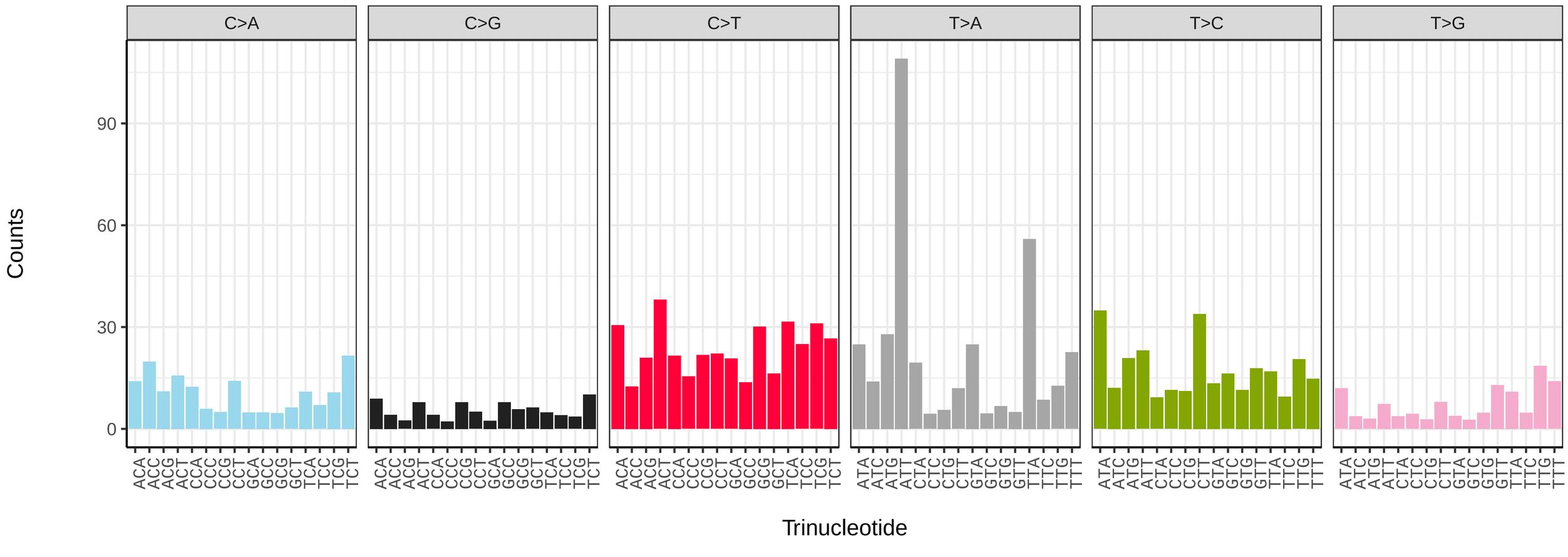
Alsophila aescularia (ilAlsAesc1) somatic mutational spectrum (SBS52 classification)



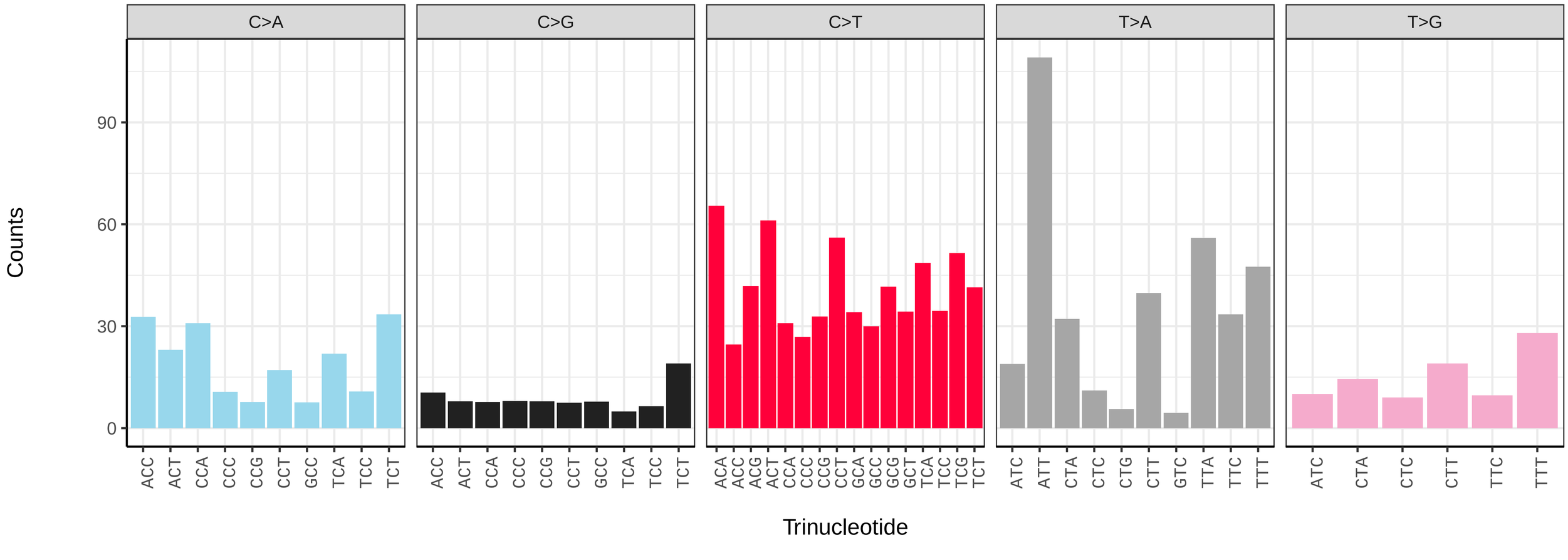
Amphipyra berbera (ilAmpBerb1) germline mutational spectrum



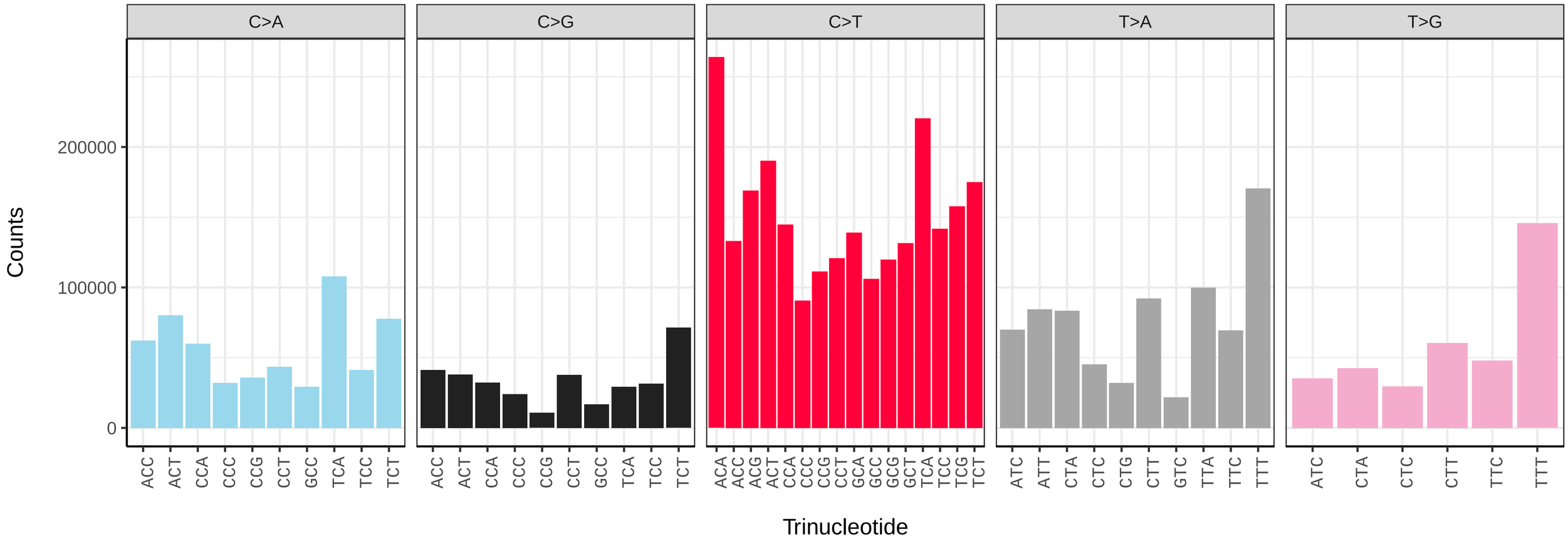
Amphipyra berbera (ilAmpBerb1) somatic mutational spectrum (SBS96 classification)



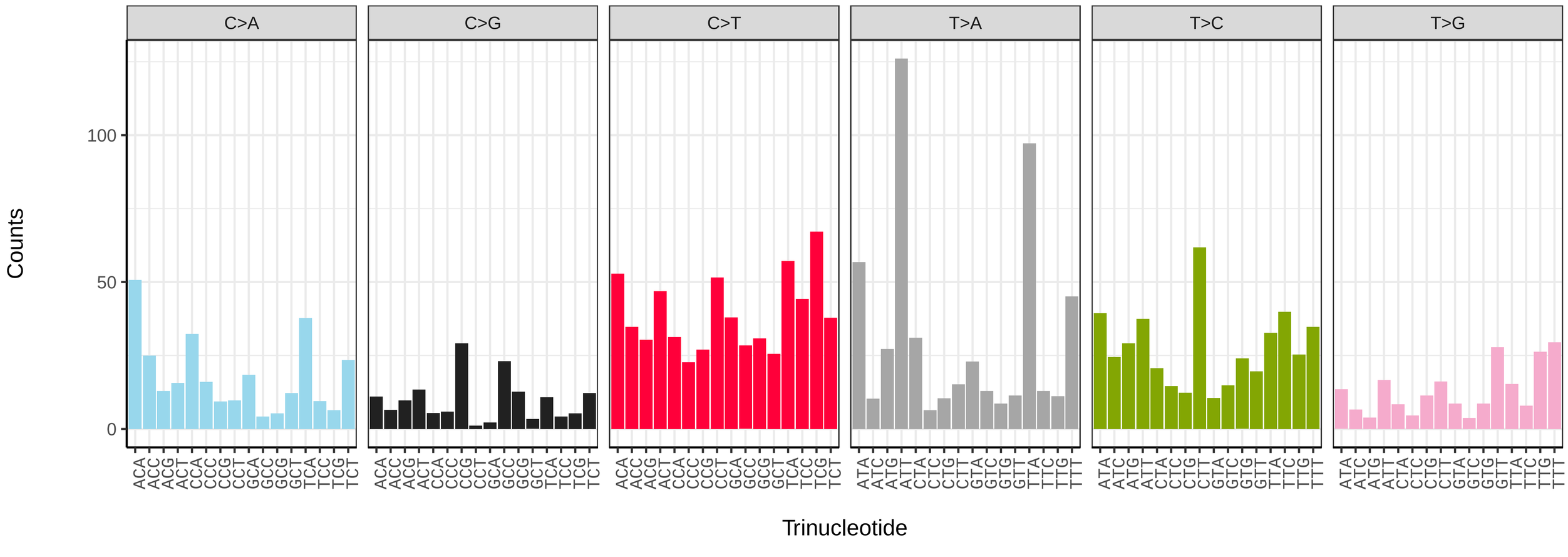
Amphipyra berbera (ilAmpBerb1) somatic mutational spectrum (SBS52 classification)



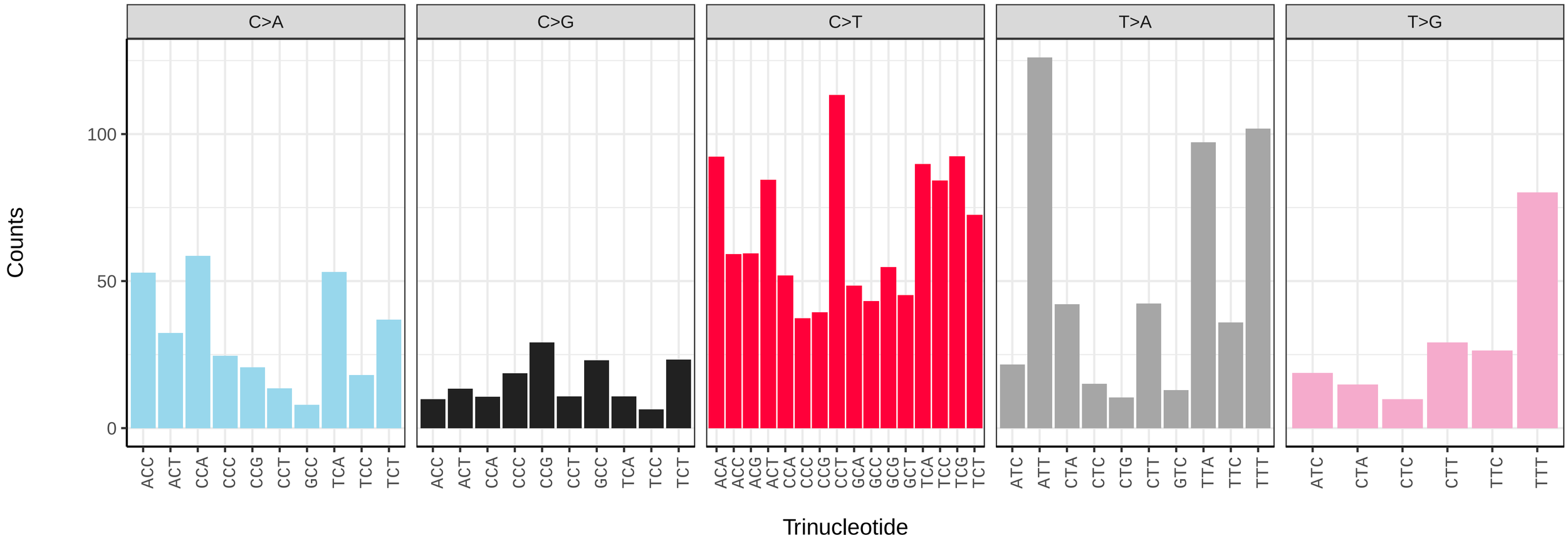
Amphipoea lucens (ilAmpLuce6) germline mutational spectrum



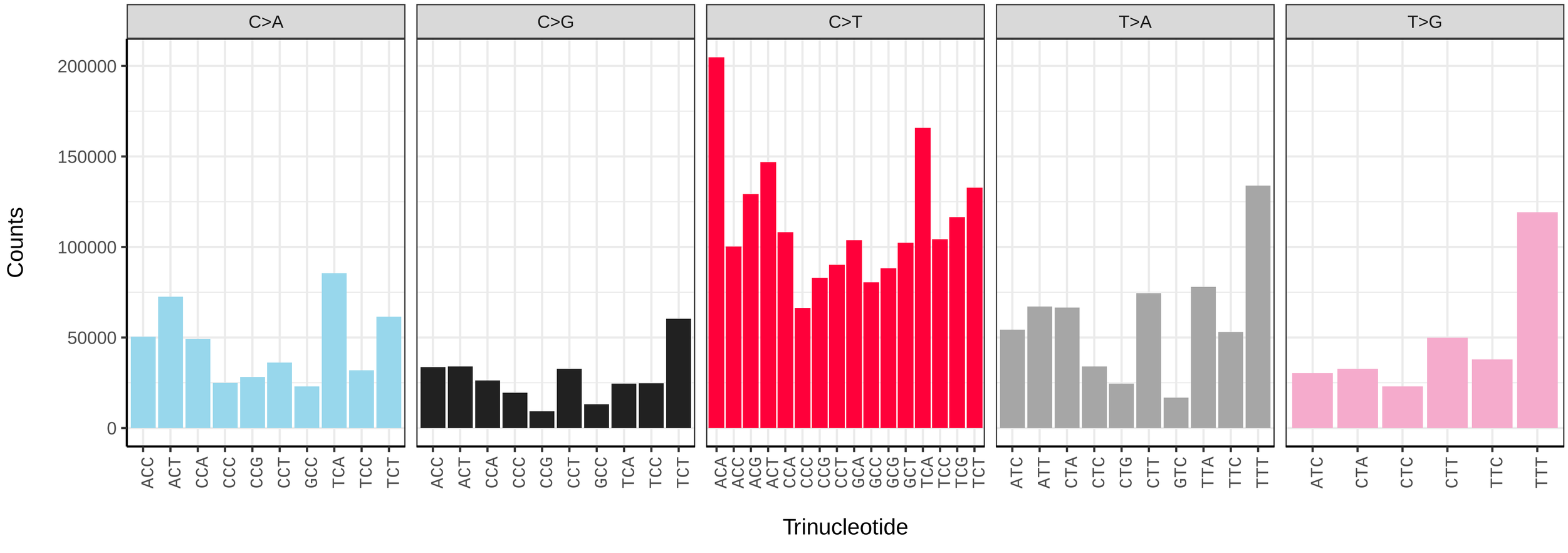
Amphipoea lucens (ilAmpLuce6) somatic mutational spectrum (SBS96 classification)



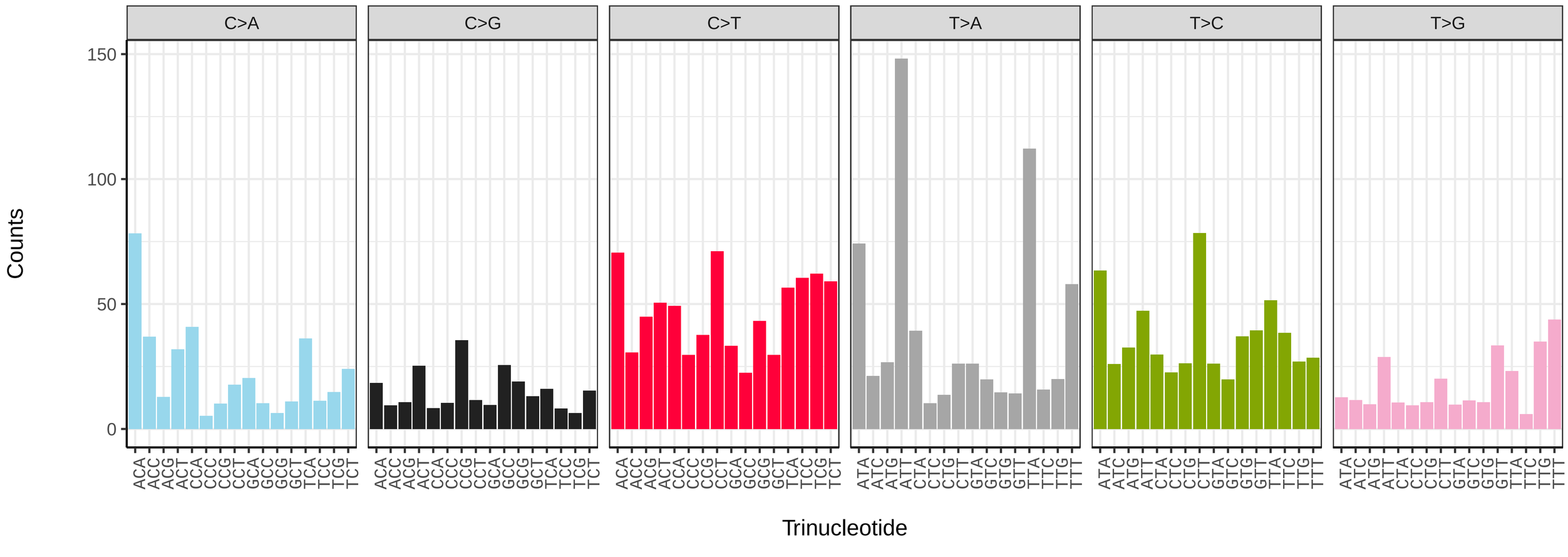
Amphipoea lucens (ilAmpLuce6) somatic mutational spectrum (SBS52 classification)



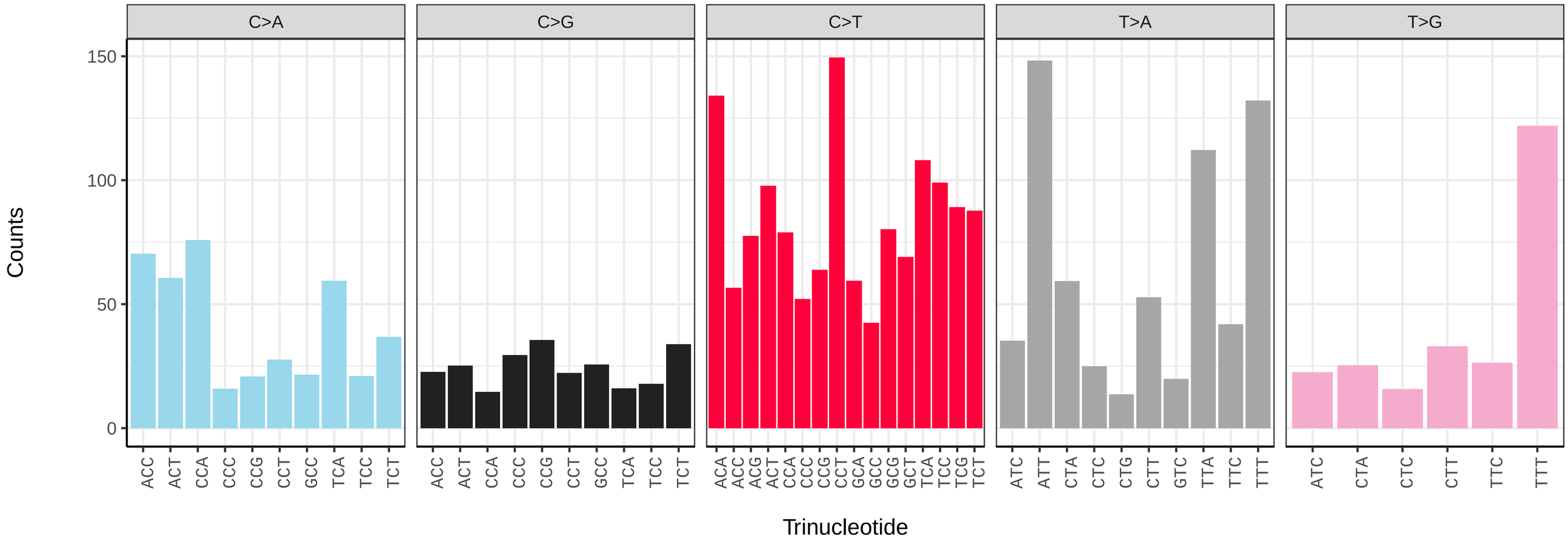
Amphipoea oculea (ilAmpOcul1) germline mutational spectrum



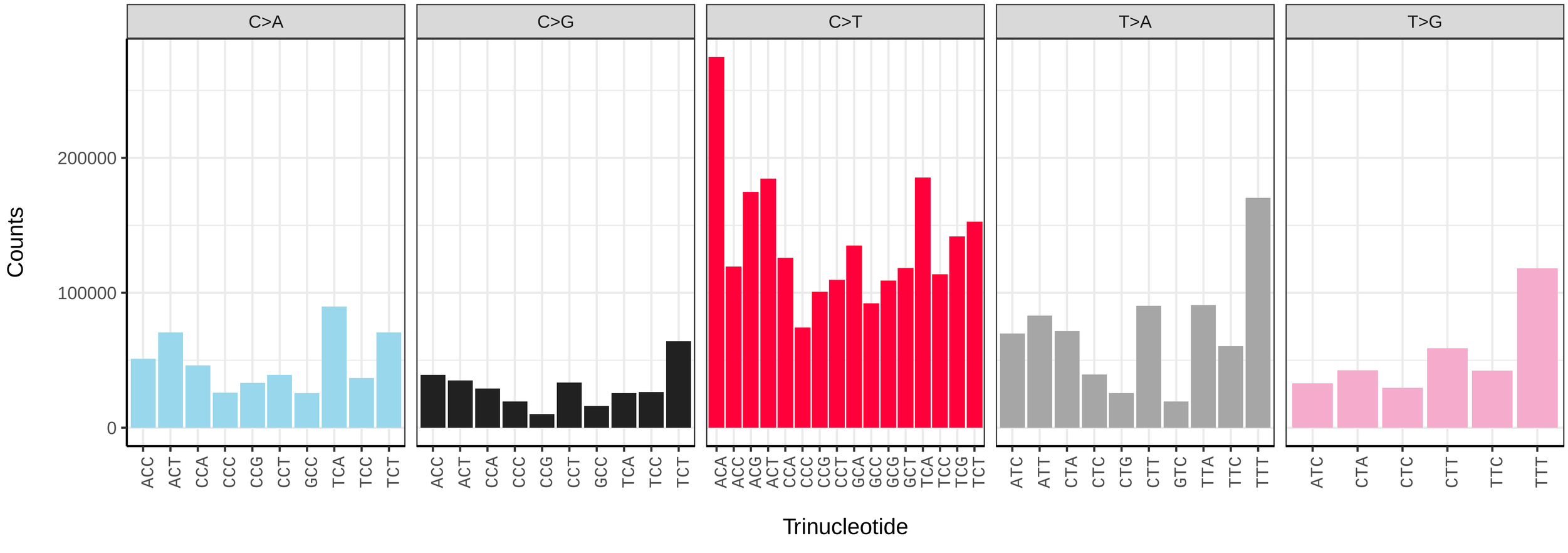
Amphipoea oculea (ilAmpOcul1) somatic mutational spectrum (SBS96 classification)



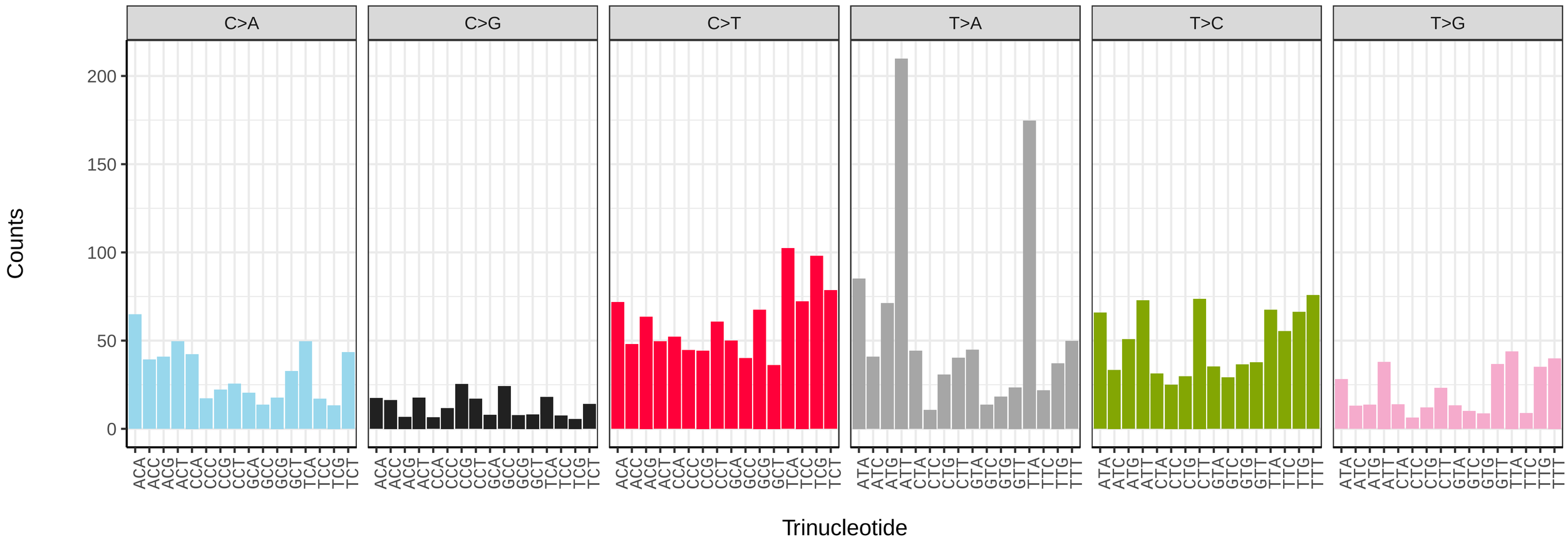
Amphipoea oculea (ilAmpOcul1) somatic mutational spectrum (SBS52 classification)



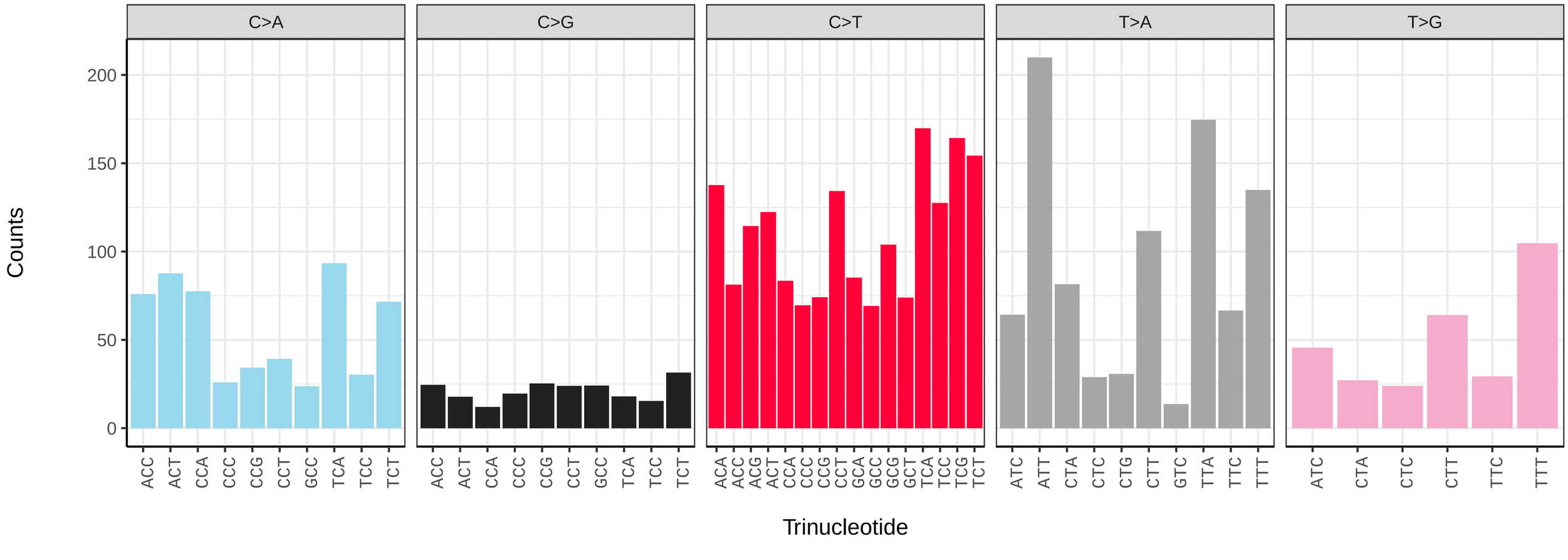
Amphipyra tragopoginis (ilAmpTrag2) germline mutational spectrum



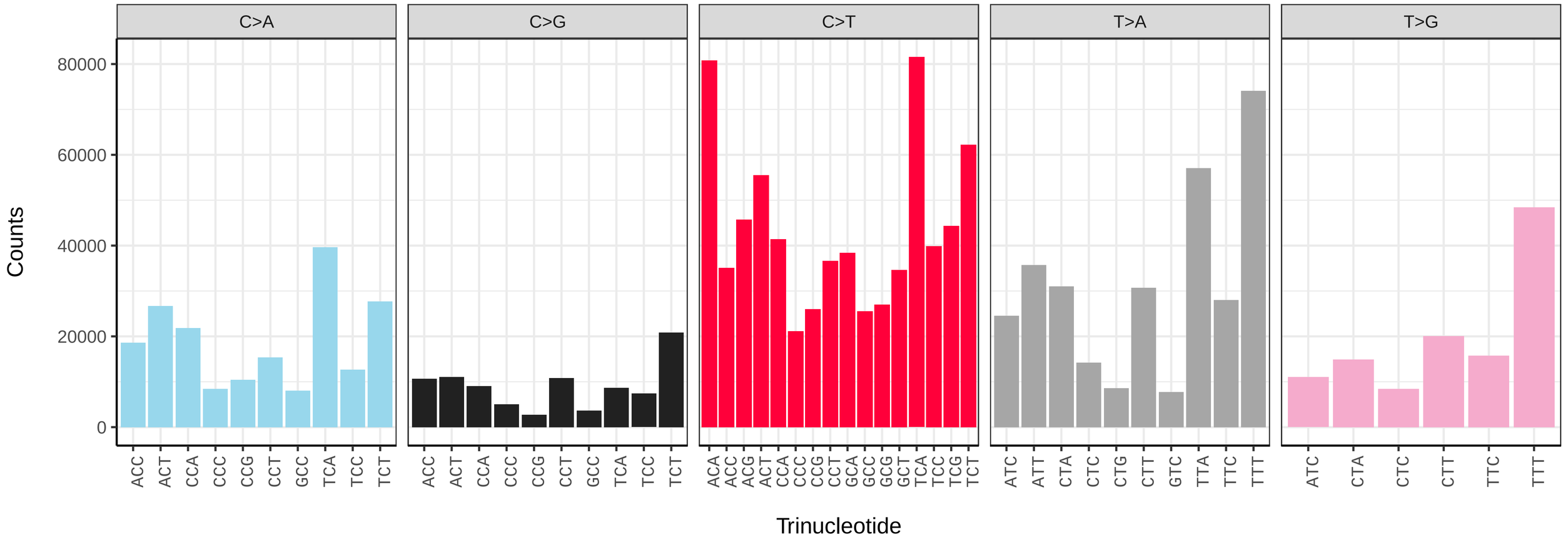
Amphipyra tragopoginis (ilAmpTrag2) somatic mutational spectrum (SBS96 classification)



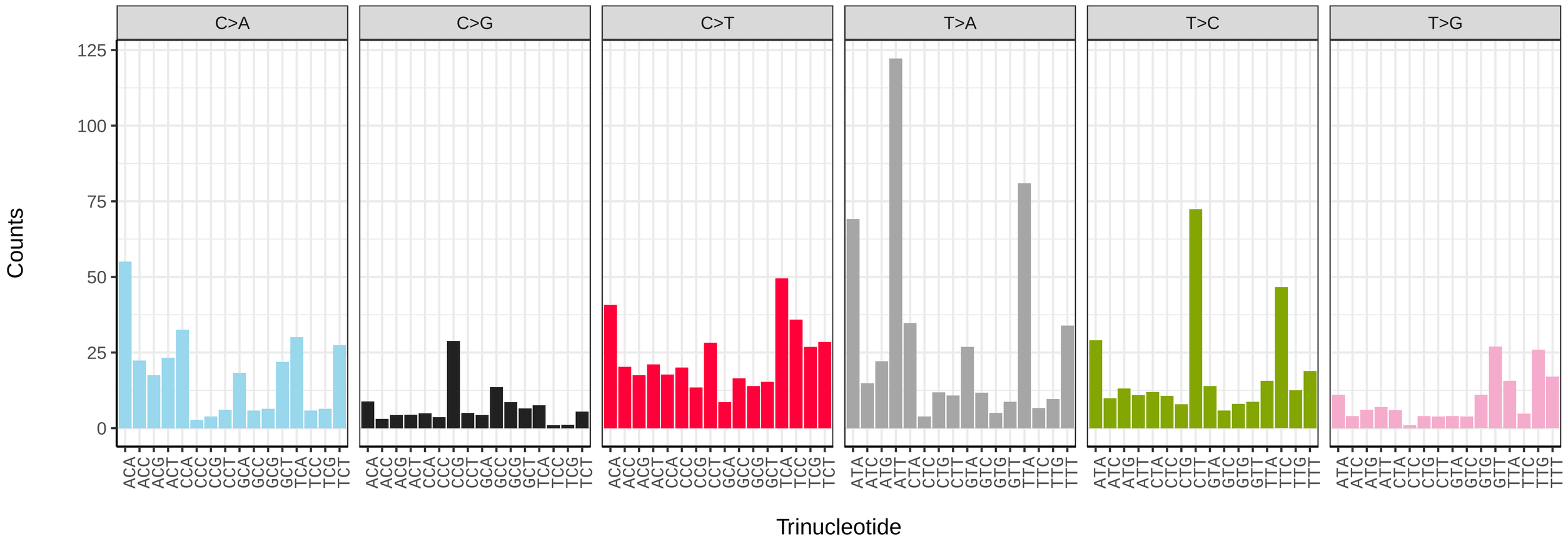
Amphipyra tragopoginis (ilAmpTrag2) somatic mutational spectrum (SBS52 classification)



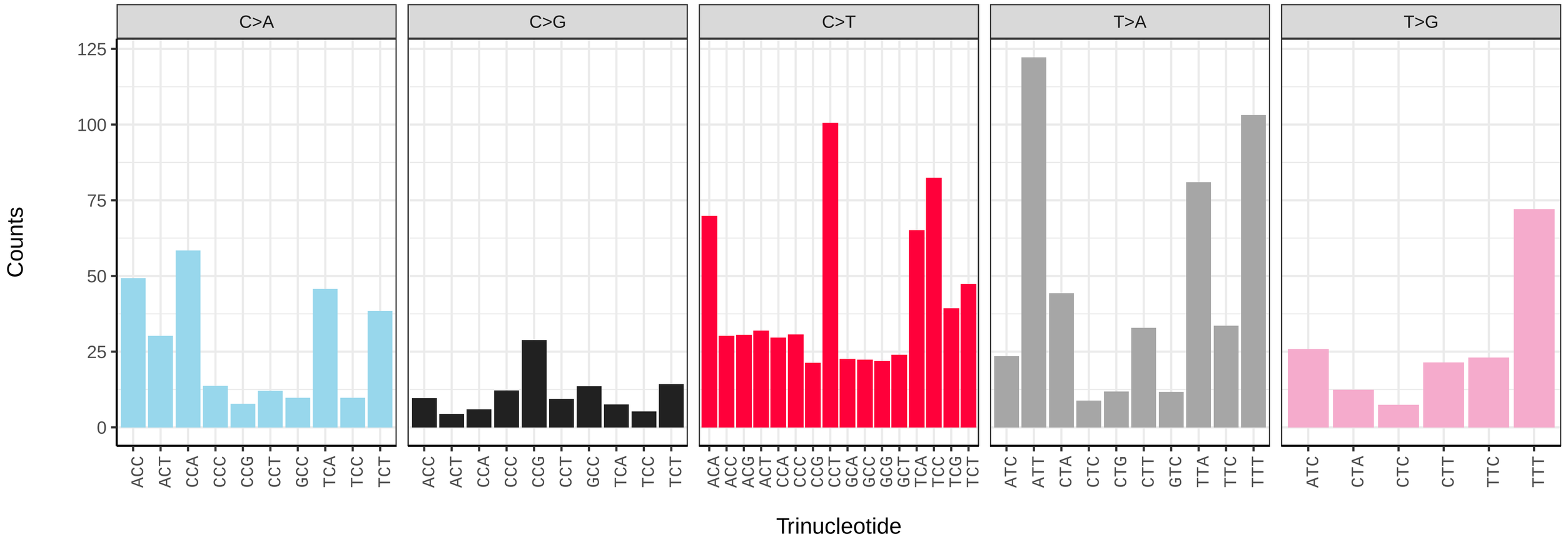
Anarsia innoxiella (ilAnaInnx2) germline mutational spectrum



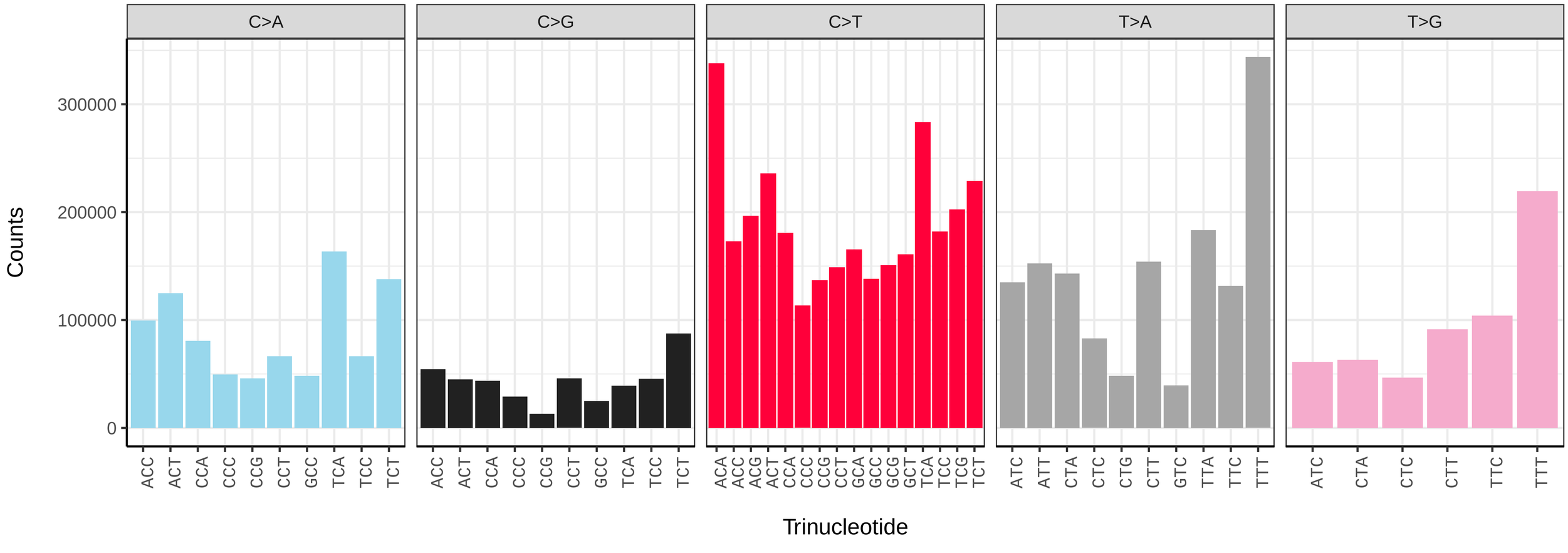
Anarsia innoxiella (ilAnaInnx2) somatic mutational spectrum (SBS96 classification)



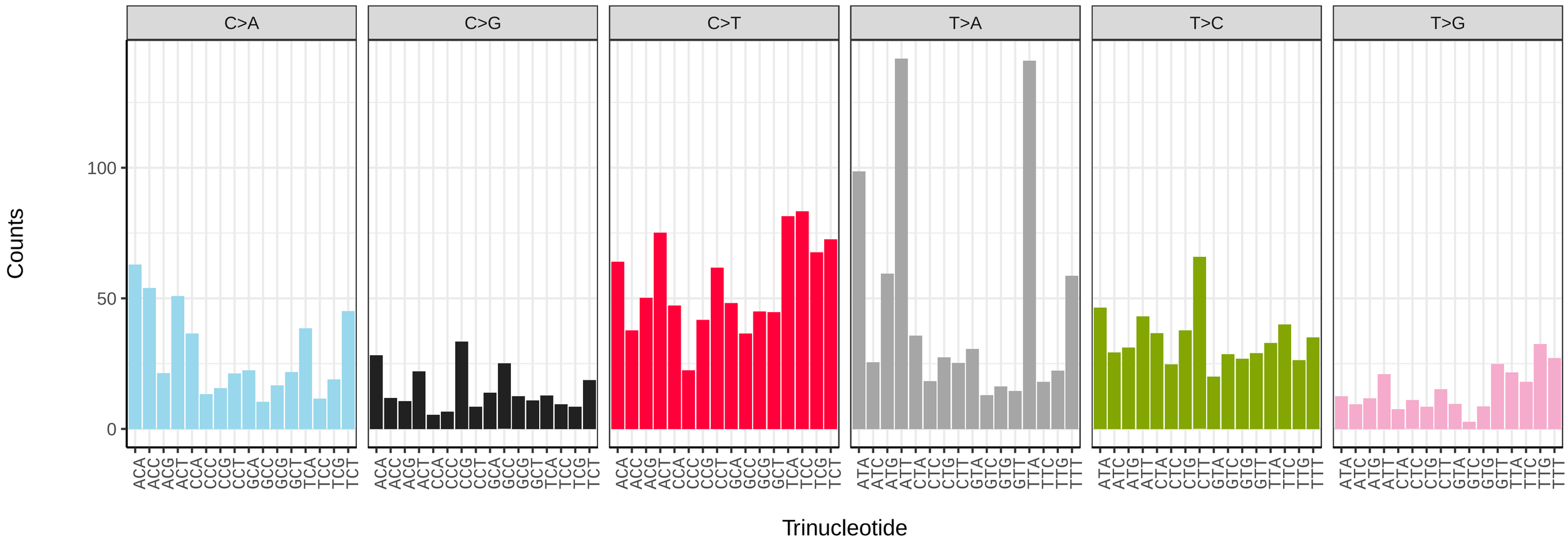
Anarsia innoxiella (ilAnaInnx2) somatic mutational spectrum (SBS52 classification)



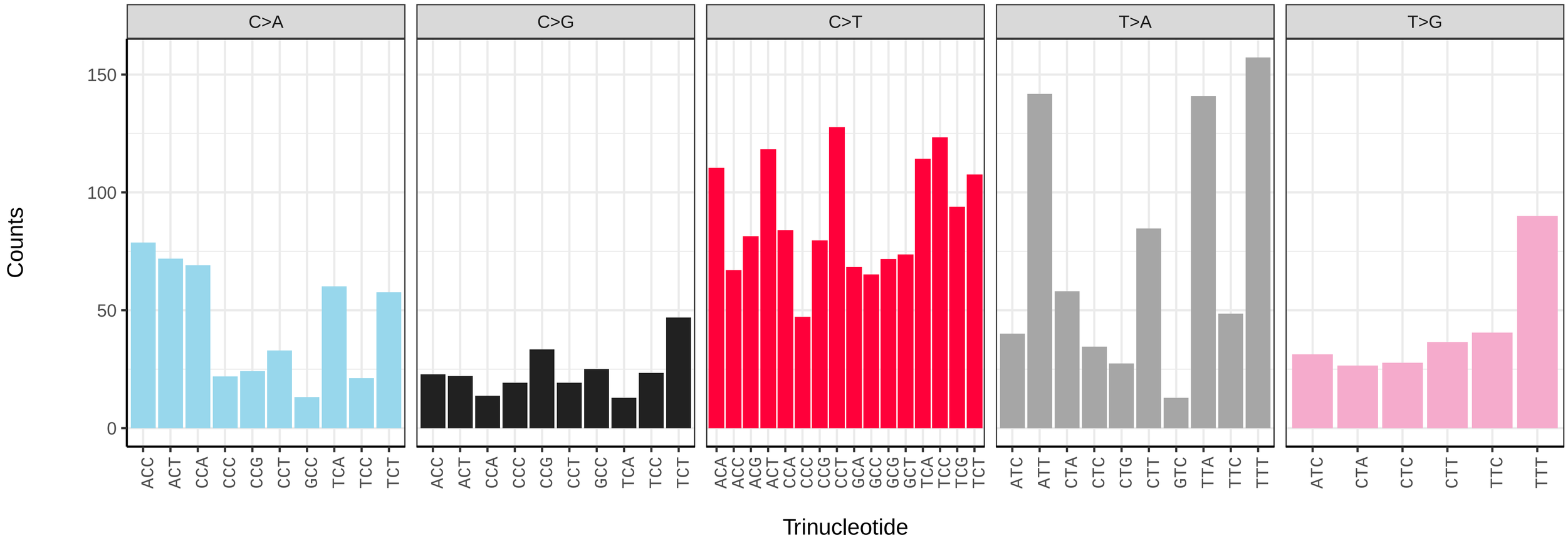
Anorthoa munda (ilAnoMund1) germline mutational spectrum



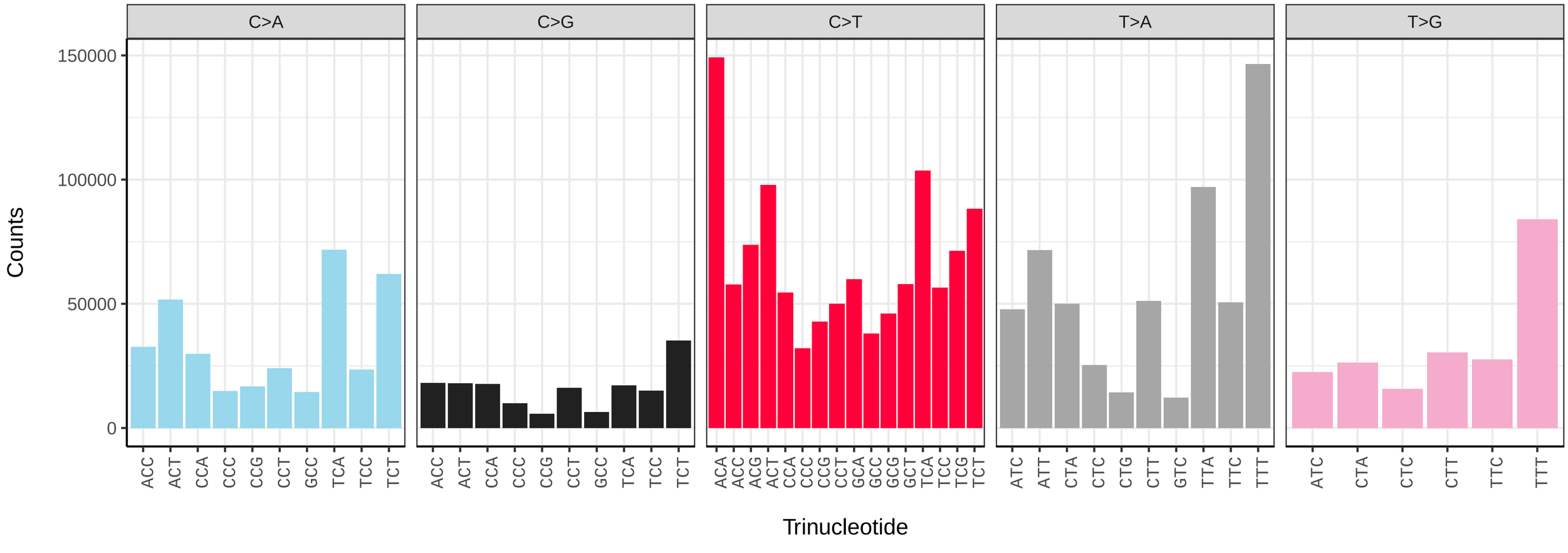
Anorthoa munda (ilAnoMund1) somatic mutational spectrum (SBS96 classification)



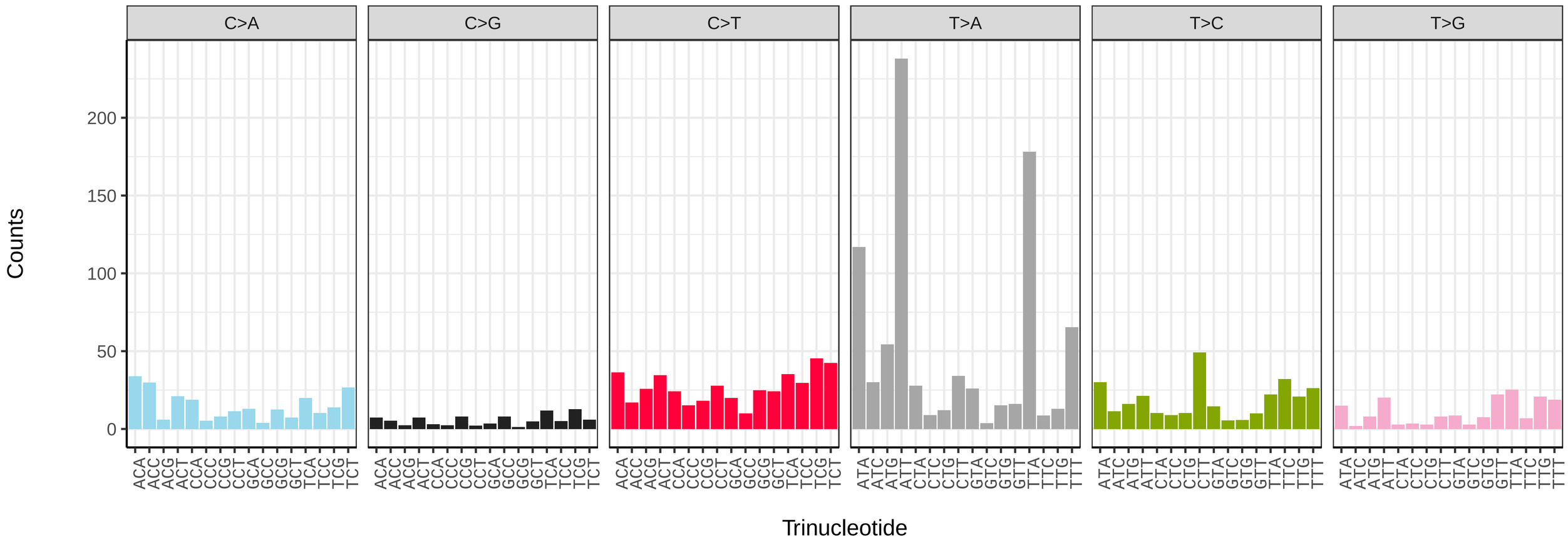
Anorthoa munda (ilAnoMund1) somatic mutational spectrum (SBS52 classification)



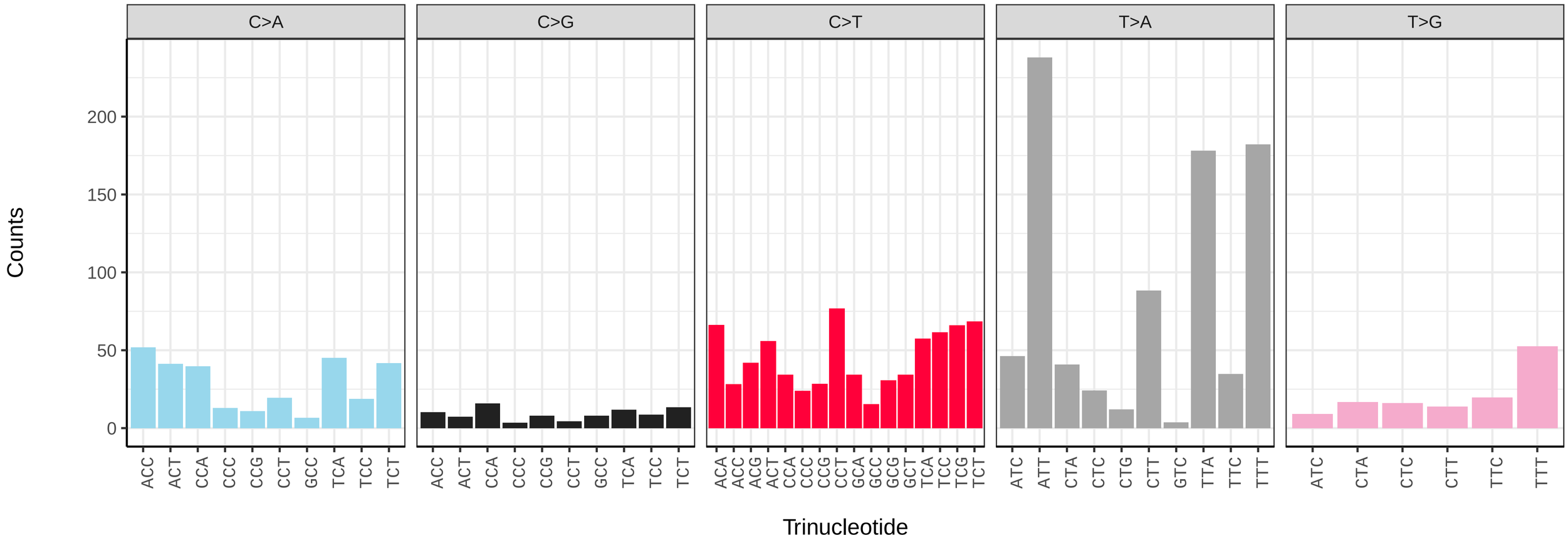
Anthocharis cardamines (ilAntCard3) germline mutational spectrum



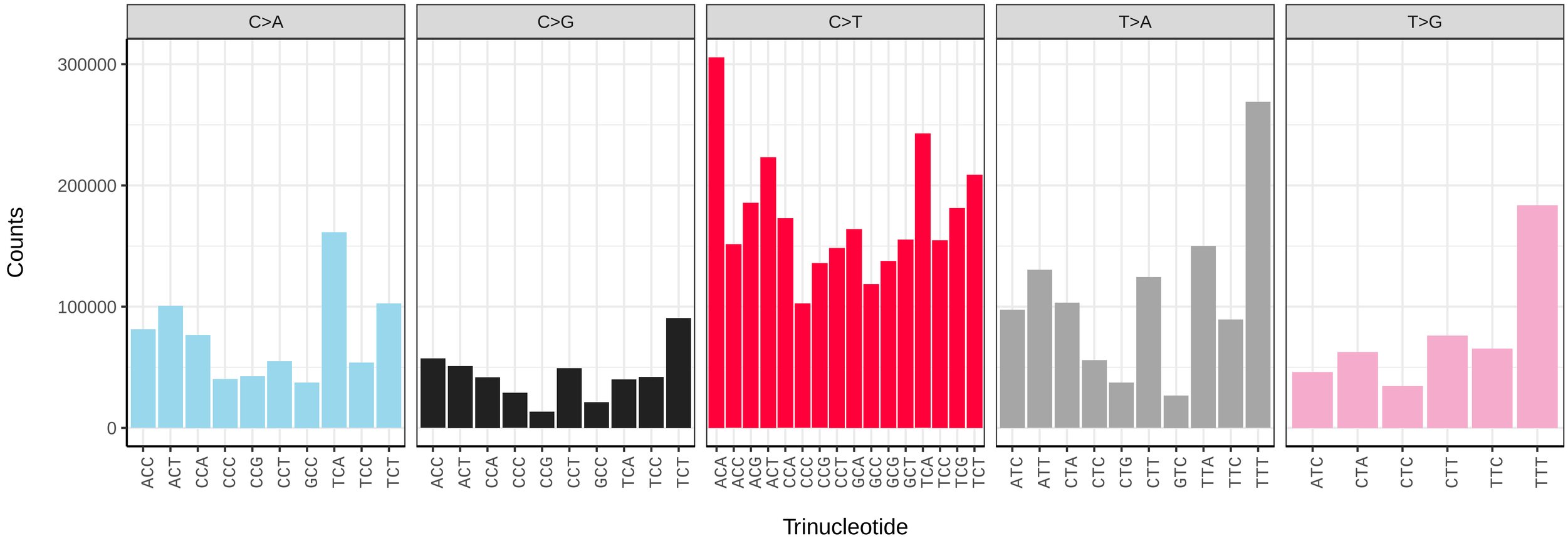
Anthocharis cardamines (ilAntCard3) somatic mutational spectrum (SBS96 classification)



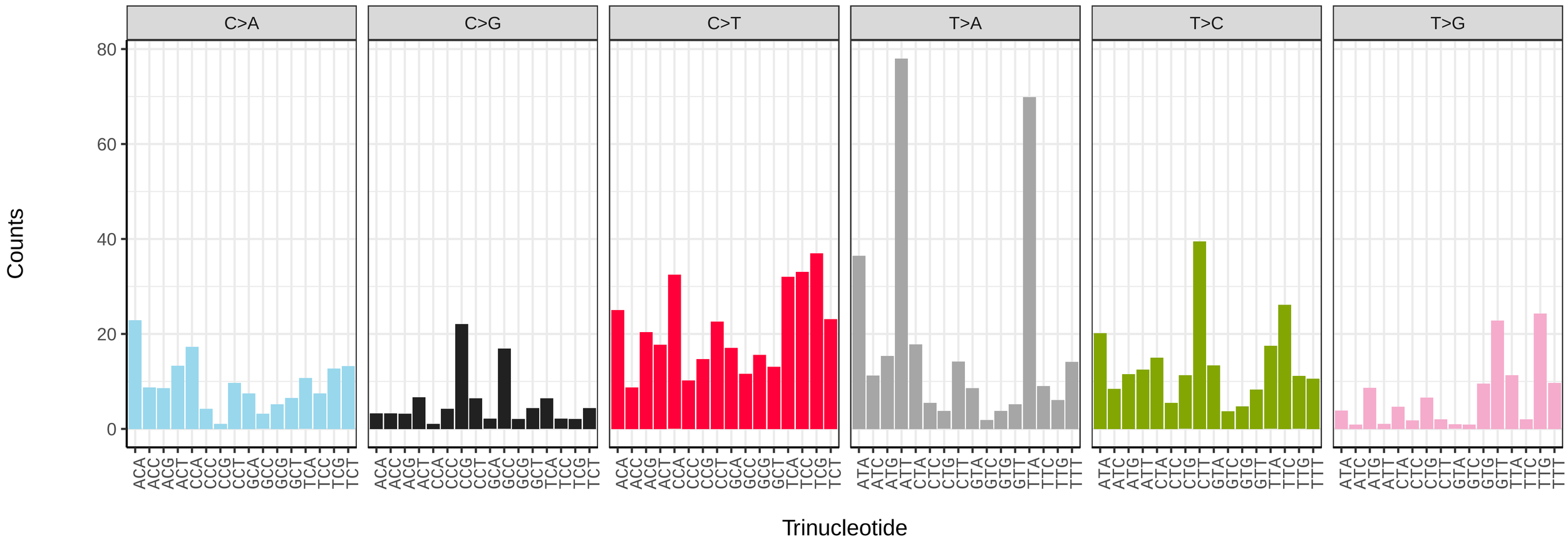
Anthocharis cardamines (ilAntCard3) somatic mutational spectrum (SBS52 classification)



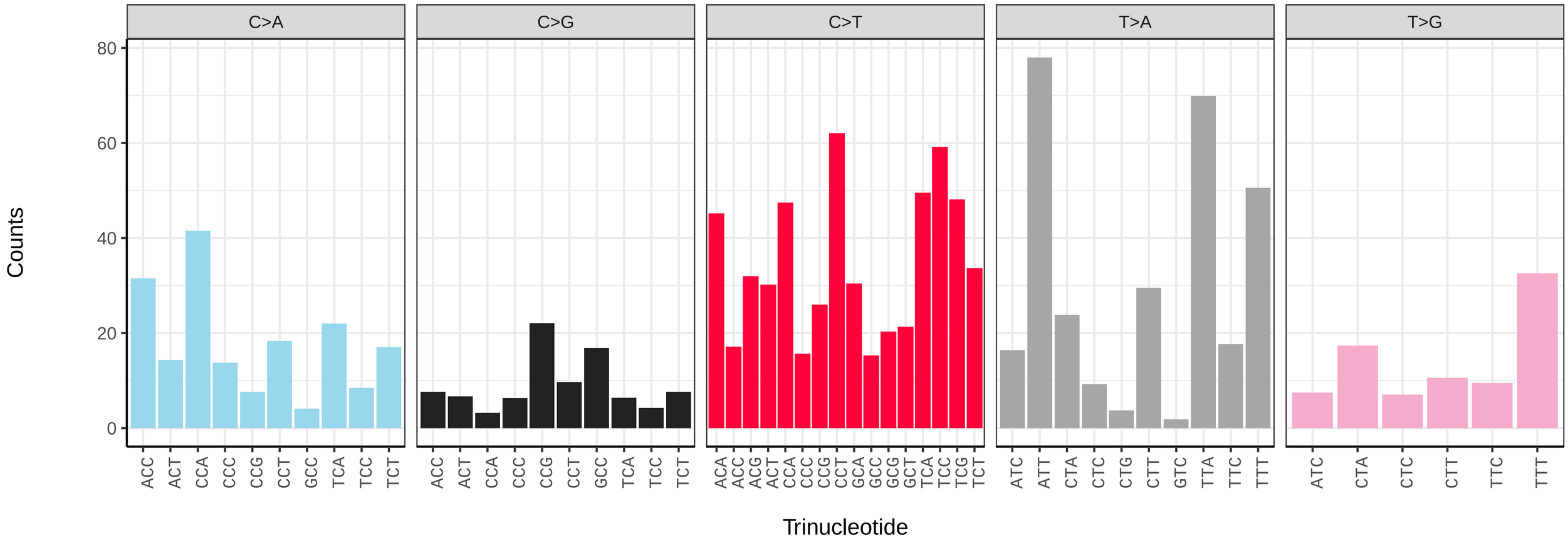
Antitype chi (ilAntChix2) germline mutational spectrum



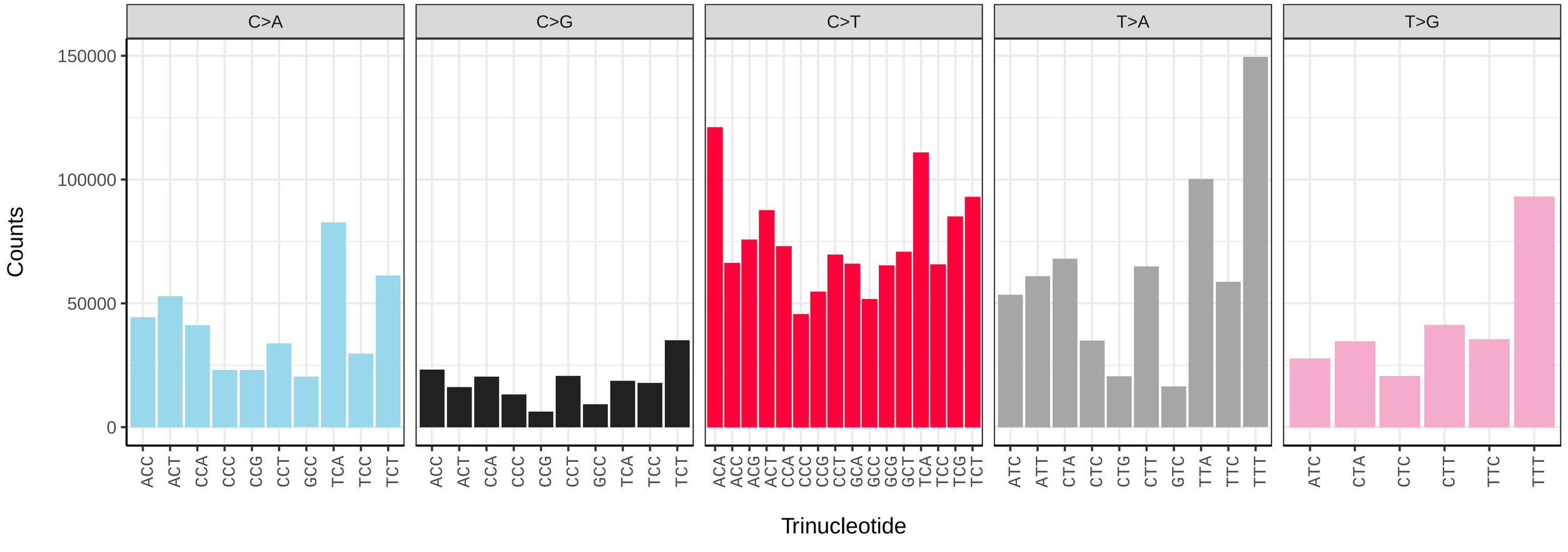
Antitype chi (ilAntChix2) somatic mutational spectrum (SBS96 classification)



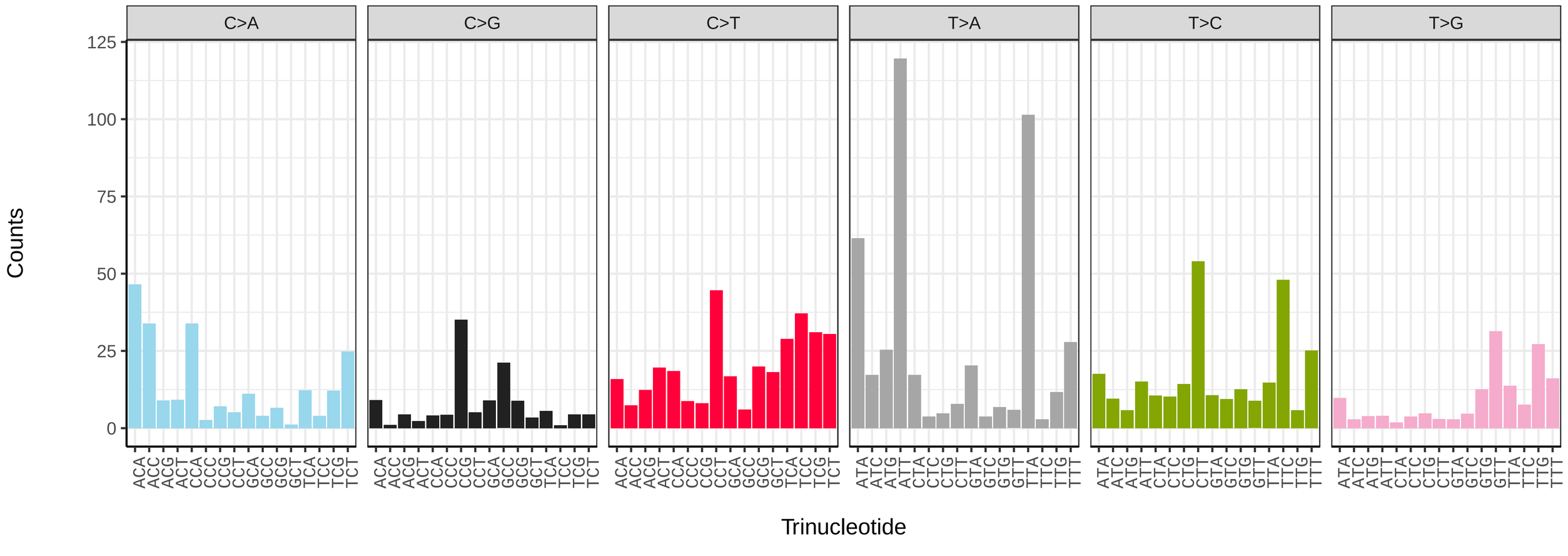
Antitype chi (ilAntChix2) somatic mutational spectrum (SBS52 classification)



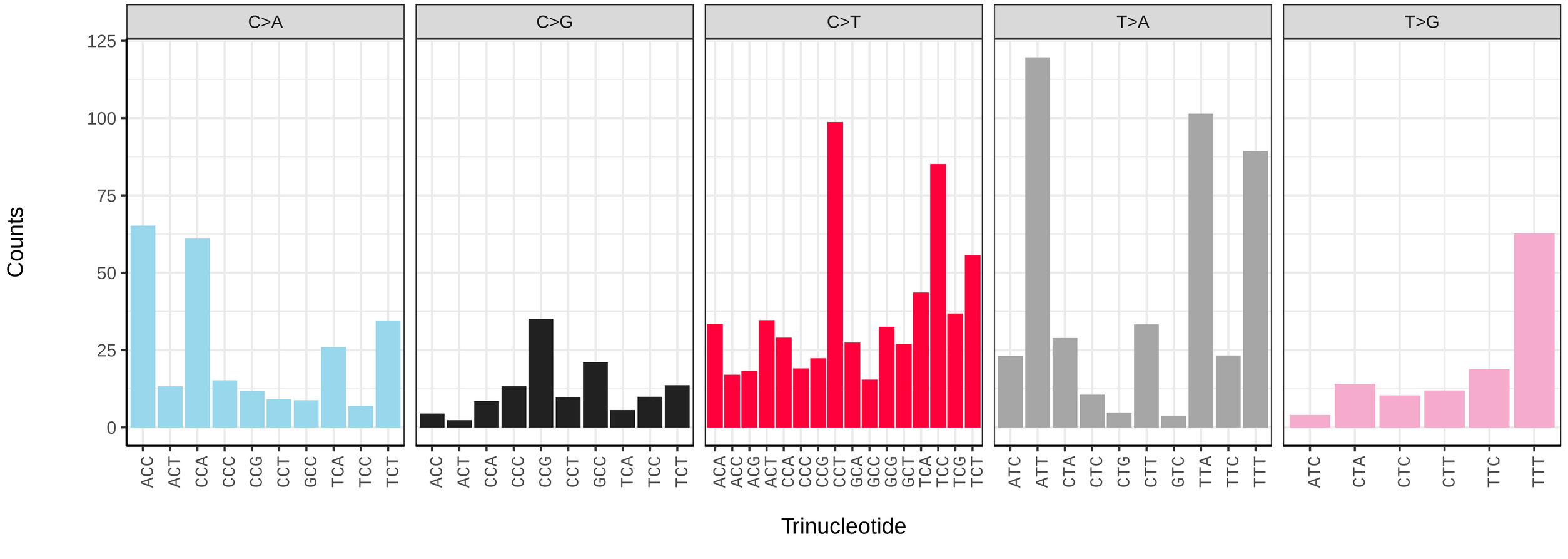
Anticlea derivata (ilAntDeri1) germline mutational spectrum



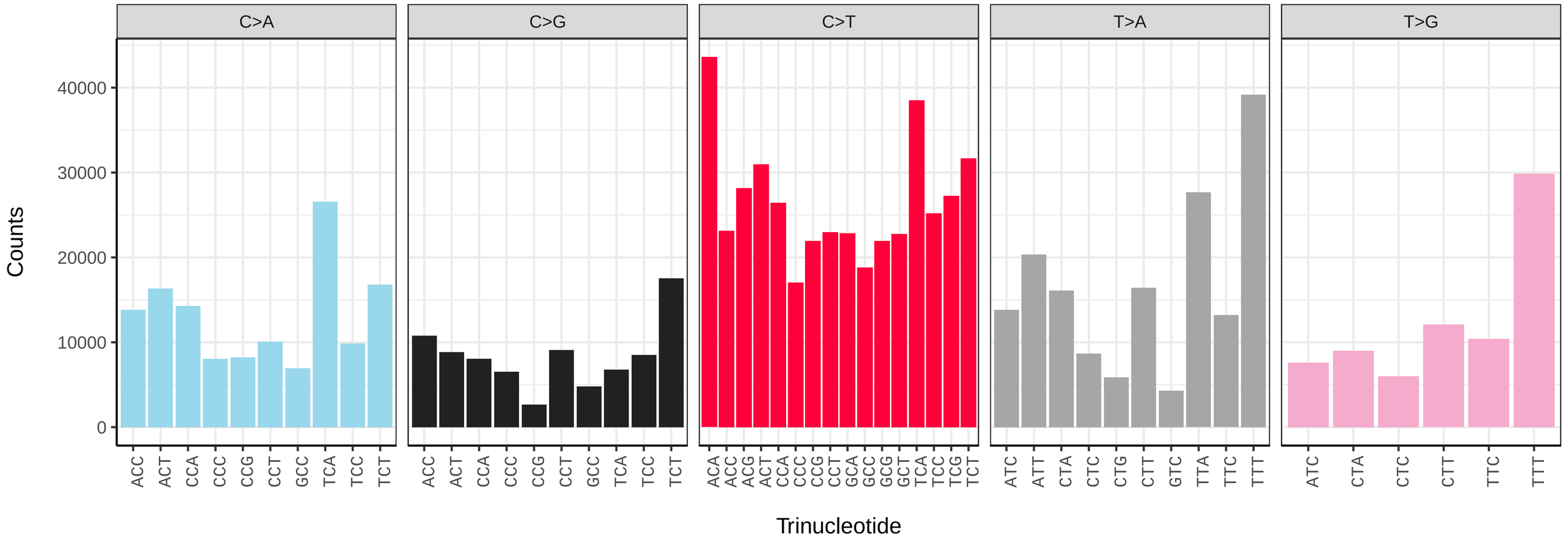
Anticlea derivata (ilAntDeri1) somatic mutational spectrum (SBS96 classification)



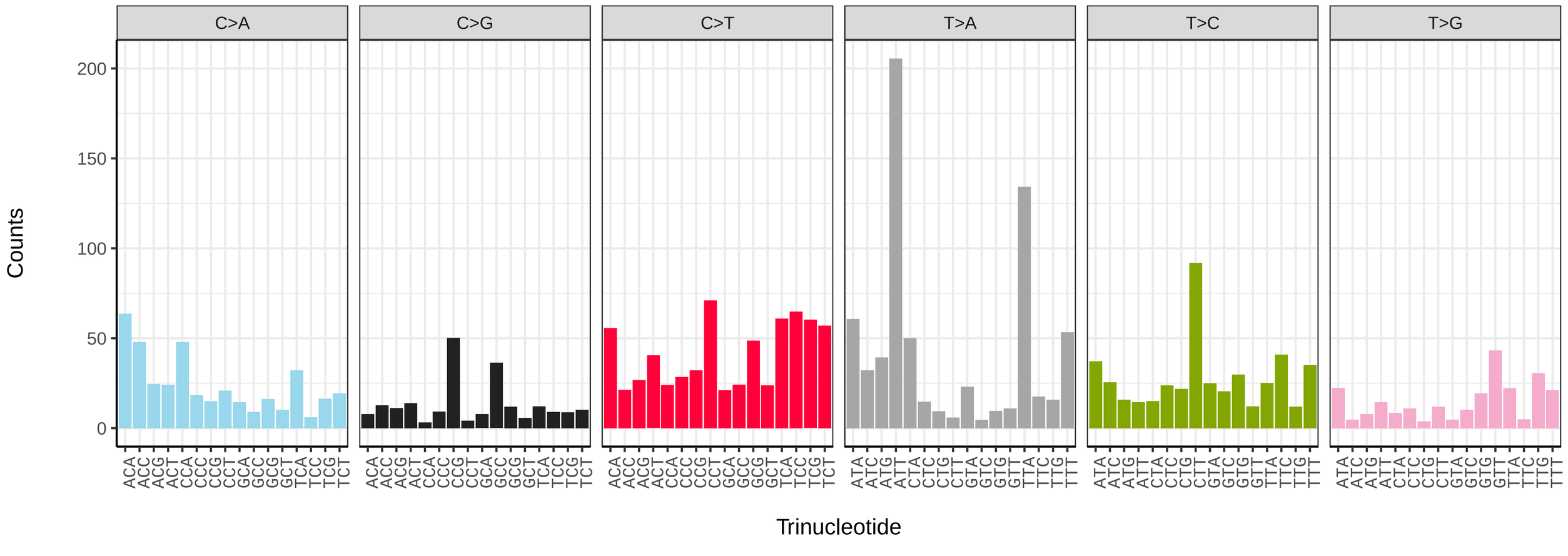
Anticlea derivata (ilAntDeri1) somatic mutational spectrum (SBS52 classification)



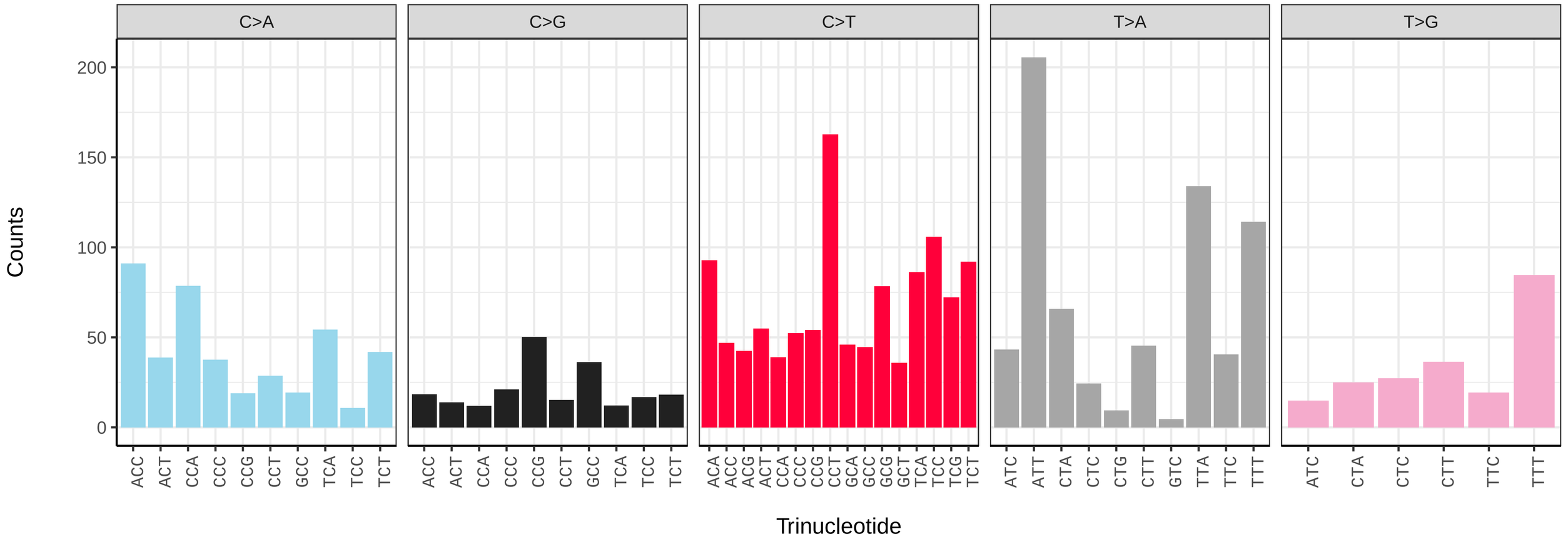
Apamea epomidion (ilApaEpom1) germline mutational spectrum



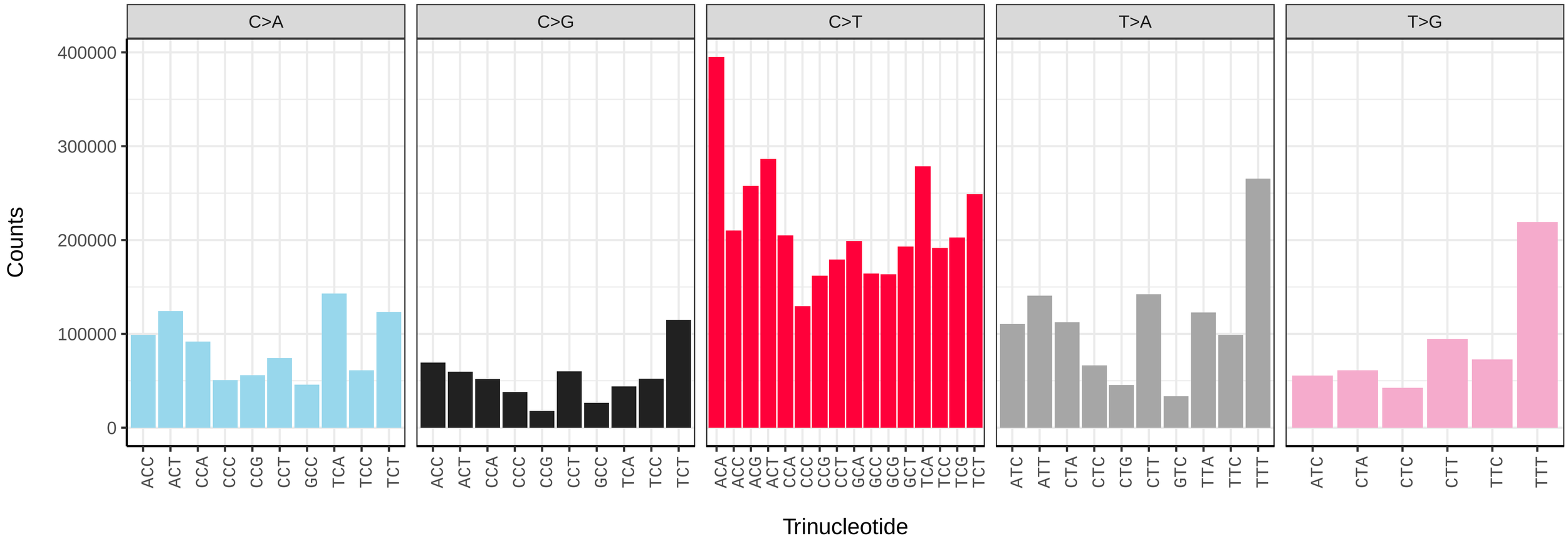
Apamea epomidion (ilApaEpom1) somatic mutational spectrum (SBS96 classification)



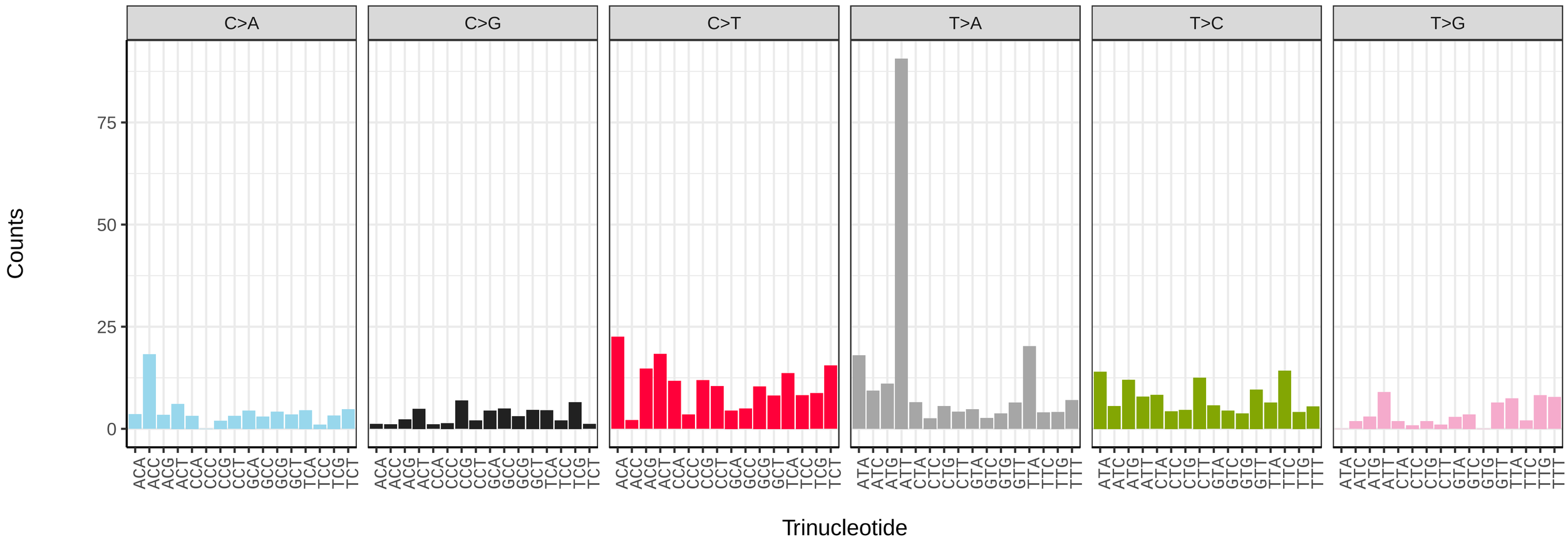
Apamea epomidion (ilApaEpom1) somatic mutational spectrum (SBS52 classification)



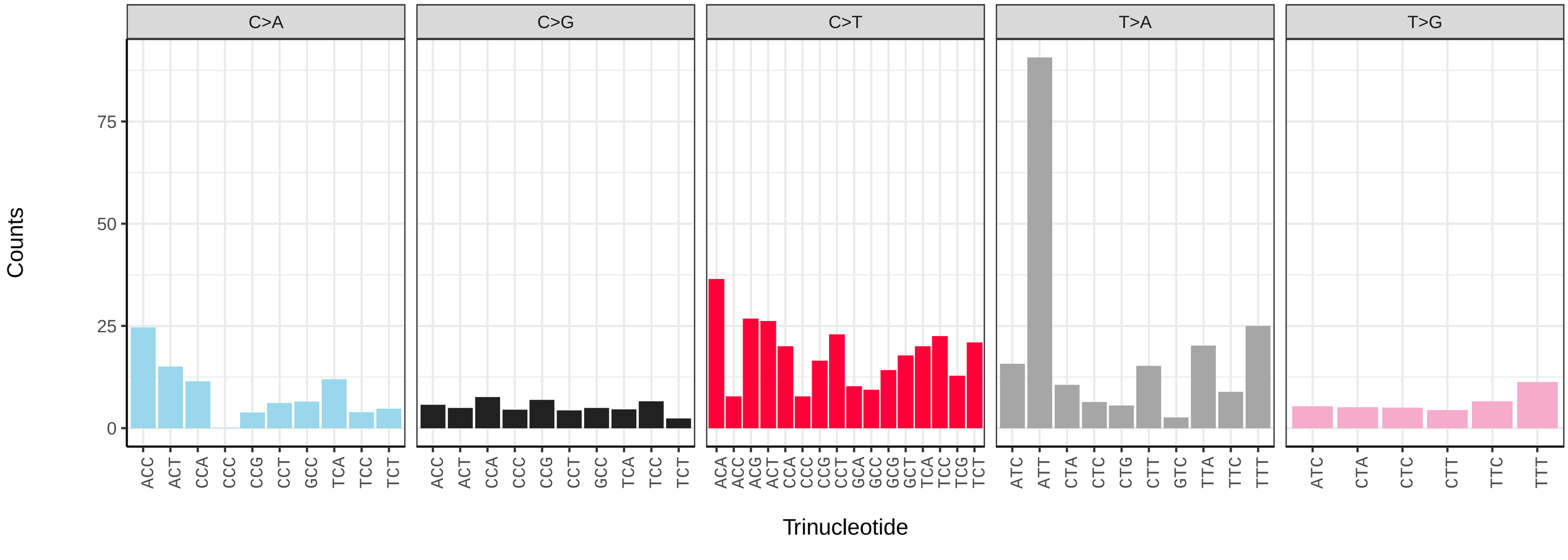
Apamea monoglypha (ilApaMono1) germline mutational spectrum



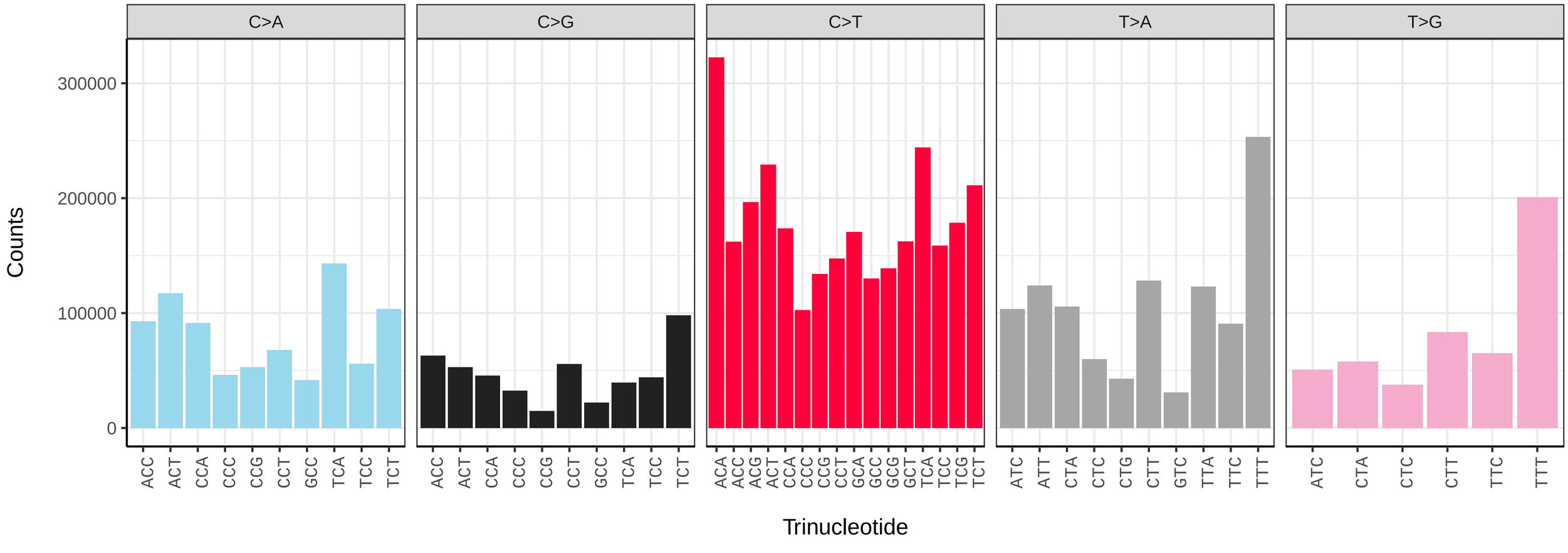
Apamea monoglypha (ilApaMono1) somatic mutational spectrum (SBS96 classification)



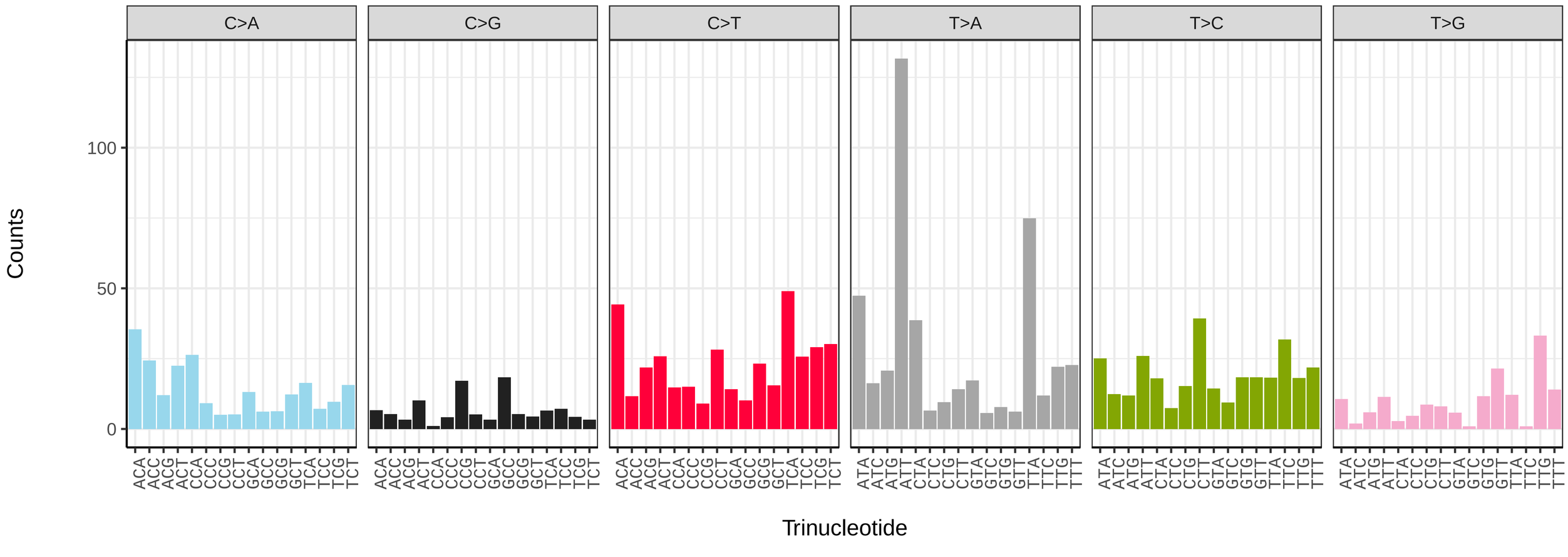
Apamea monoglypha (ilApaMono1) somatic mutational spectrum (SBS52 classification)



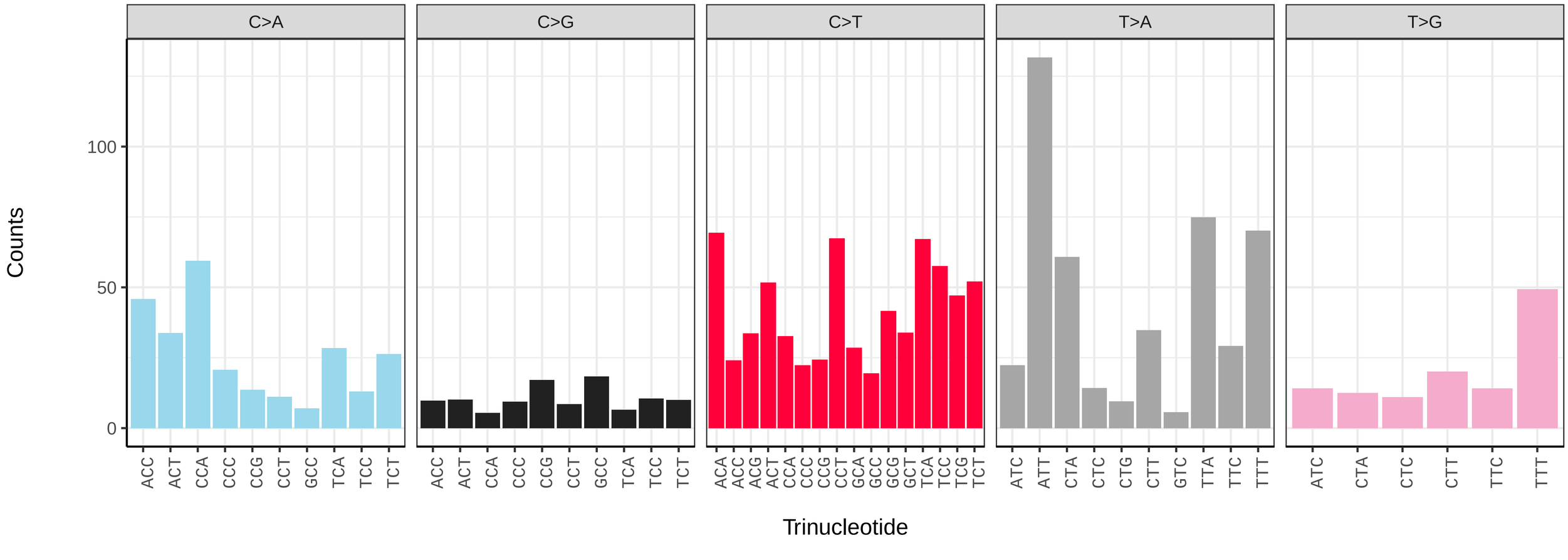
Apamea sordens (ilApaSord1) germline mutational spectrum



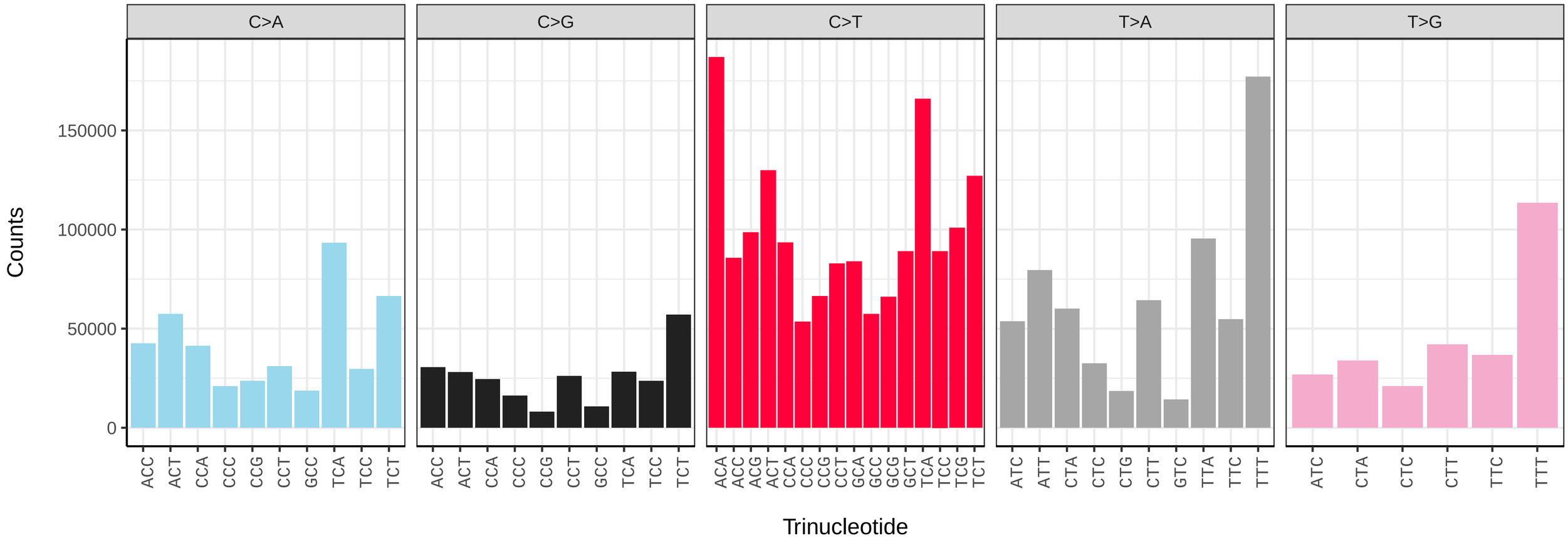
Apamea sordens (ilApaSord1) somatic mutational spectrum (SBS96 classification)



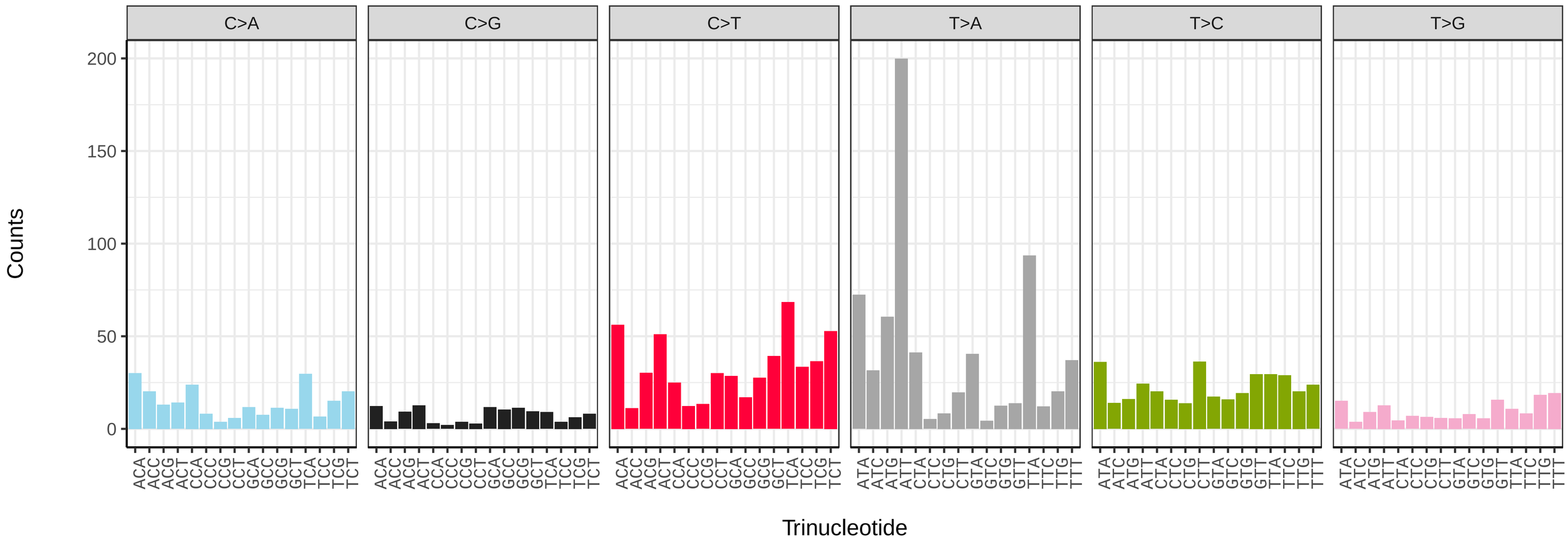
Apamea sordens (ilApaSord1) somatic mutational spectrum (SBS52 classification)



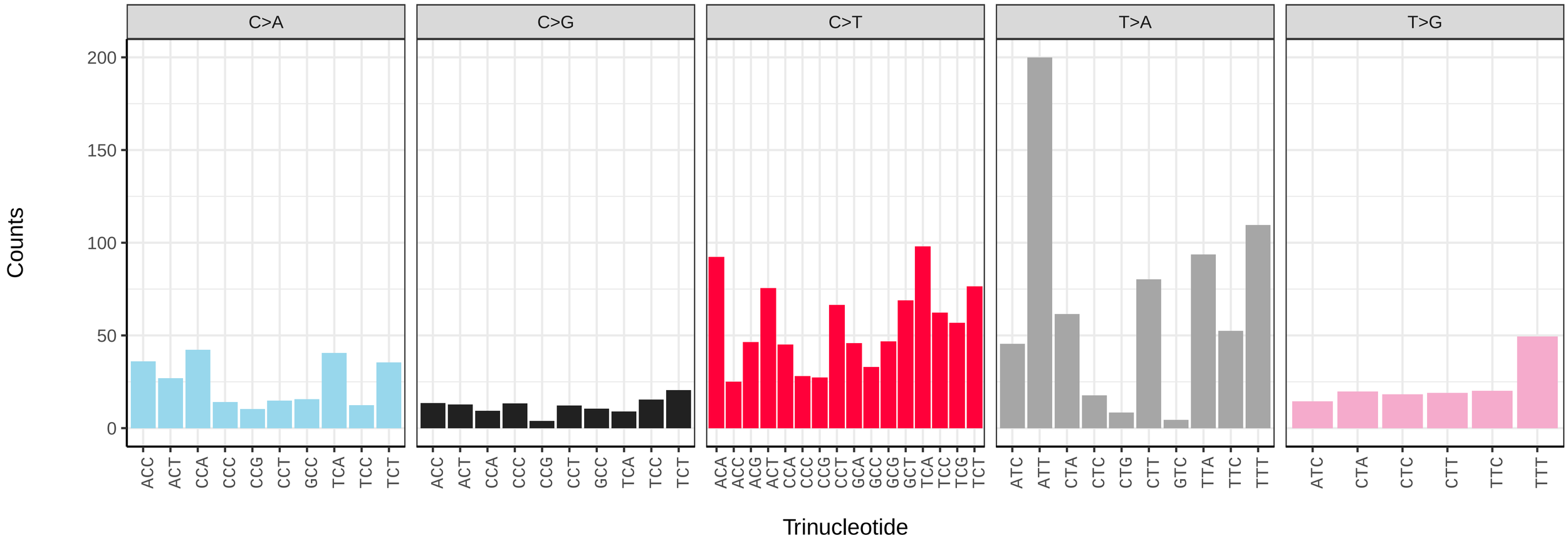
Apeira syringaria (ilApeSyri1) germline mutational spectrum



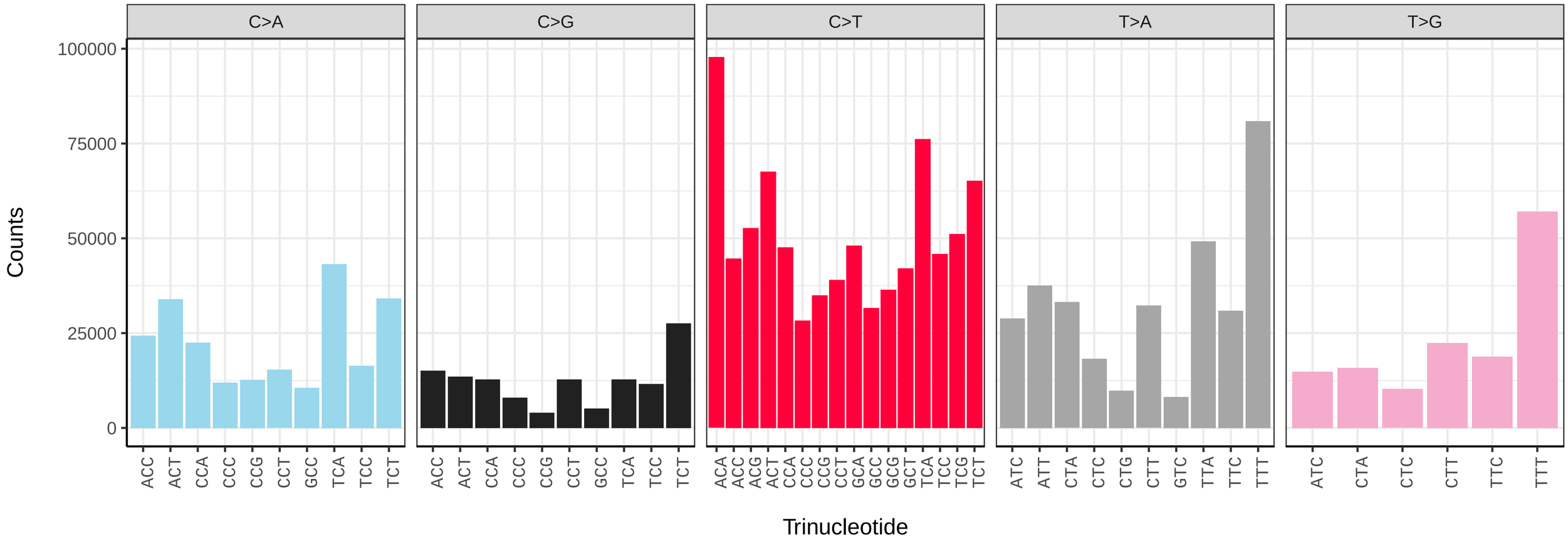
Apeira syringaria (ilApeSyri1) somatic mutational spectrum (SBS96 classification)



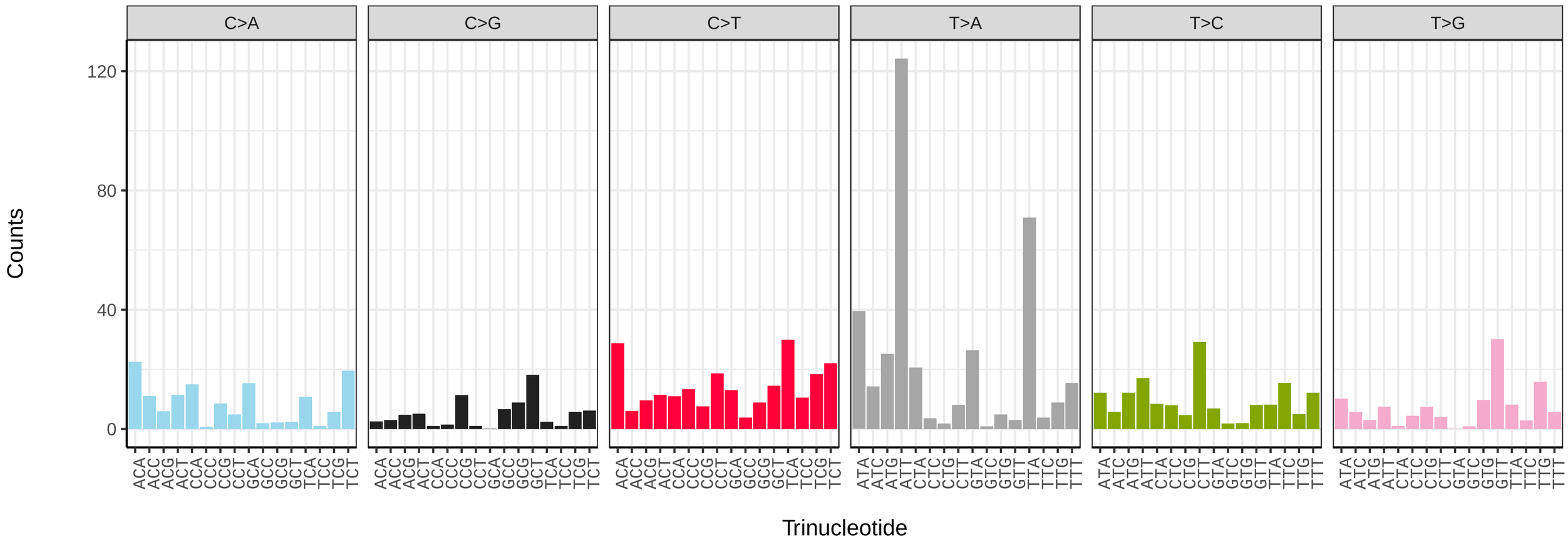
Apeira syringaria (ilApeSyri1) somatic mutational spectrum (SBS52 classification)



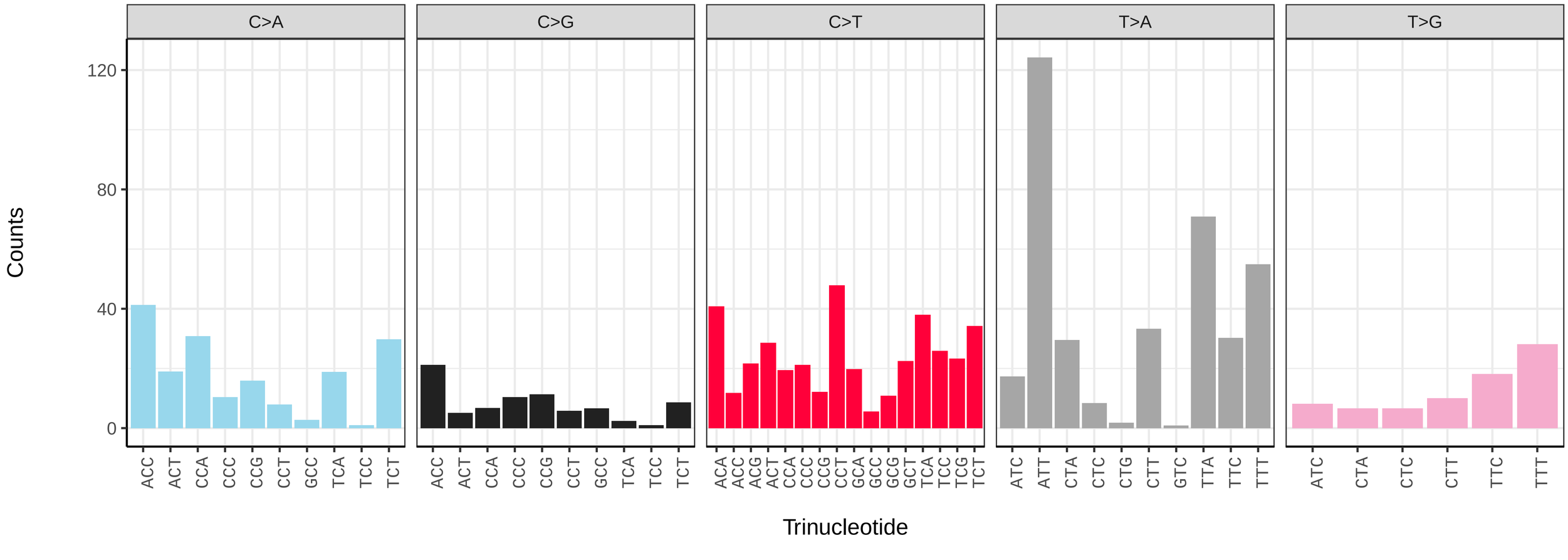
Aplocera efformata (ilAplEffo1) germline mutational spectrum



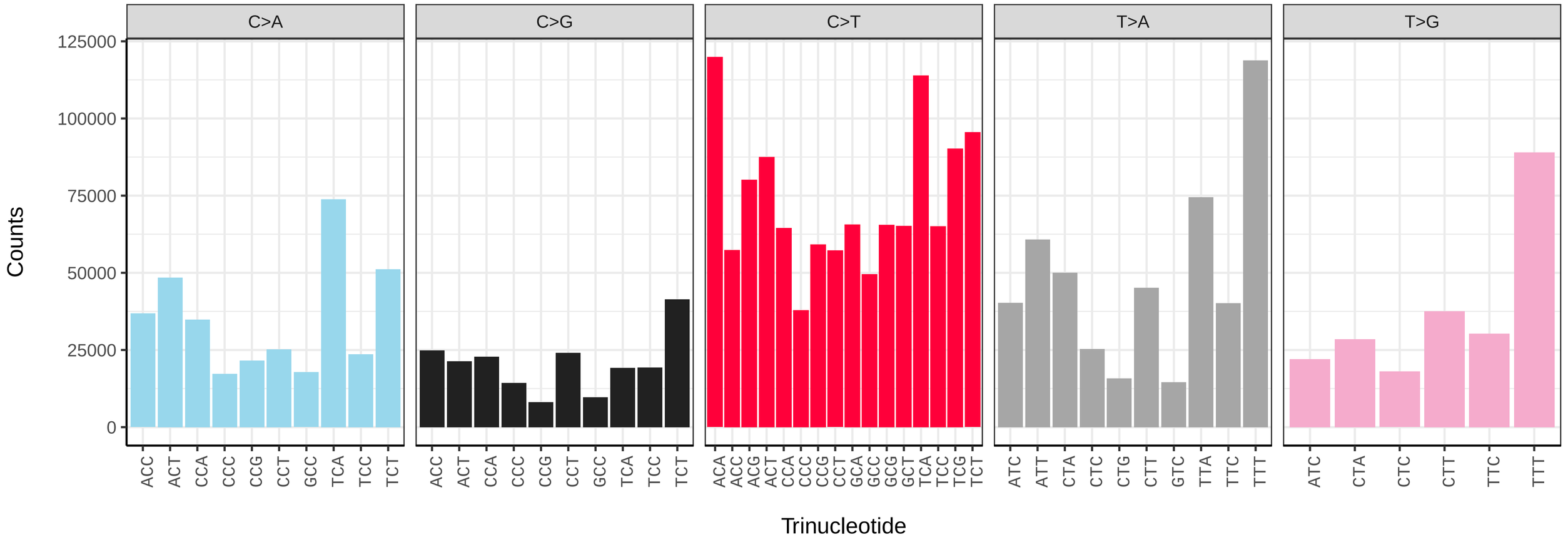
Aplocera efformata (ilAplEffo1) somatic mutational spectrum (SBS96 classification)



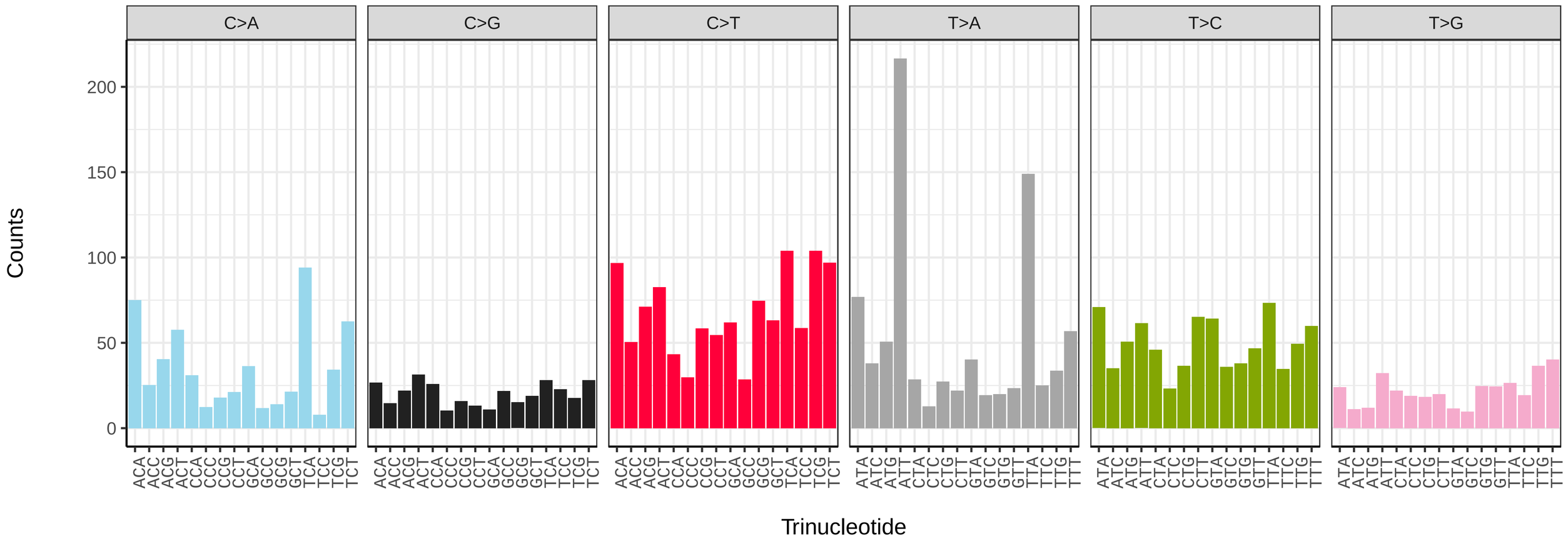
Aplocera efformata (ilAplEffo1) somatic mutational spectrum (SBS52 classification)



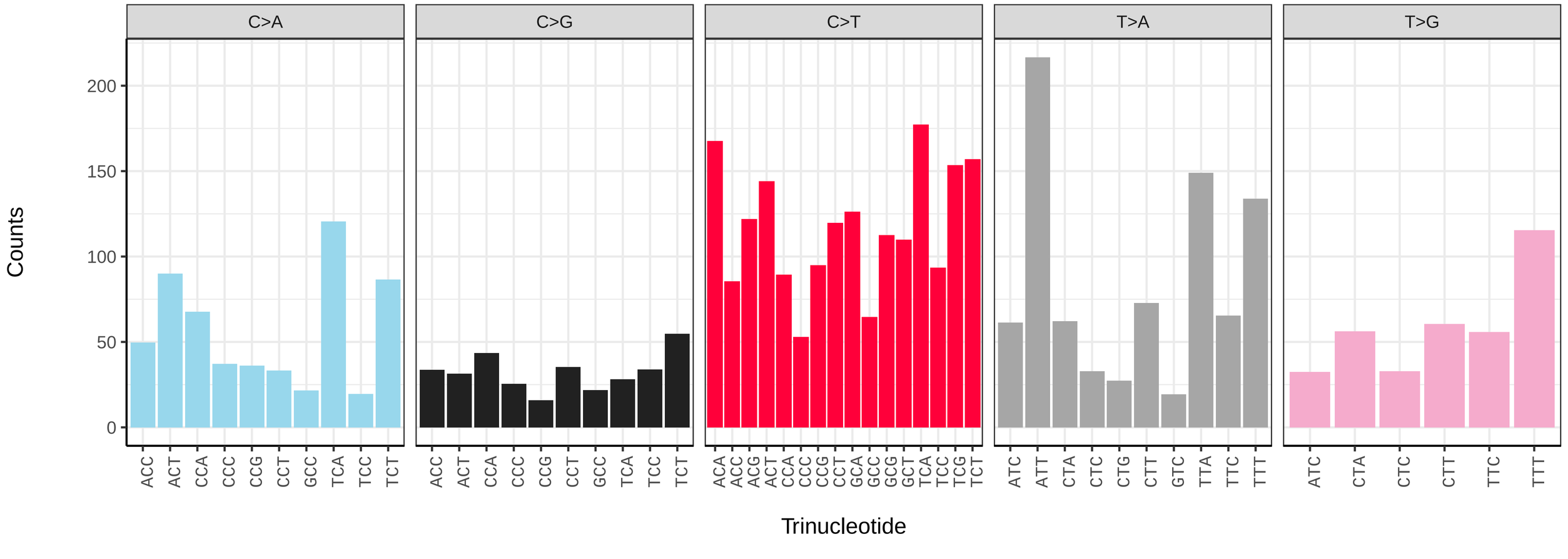
Apotomis betuletana (ilApoBetu1) germline mutational spectrum



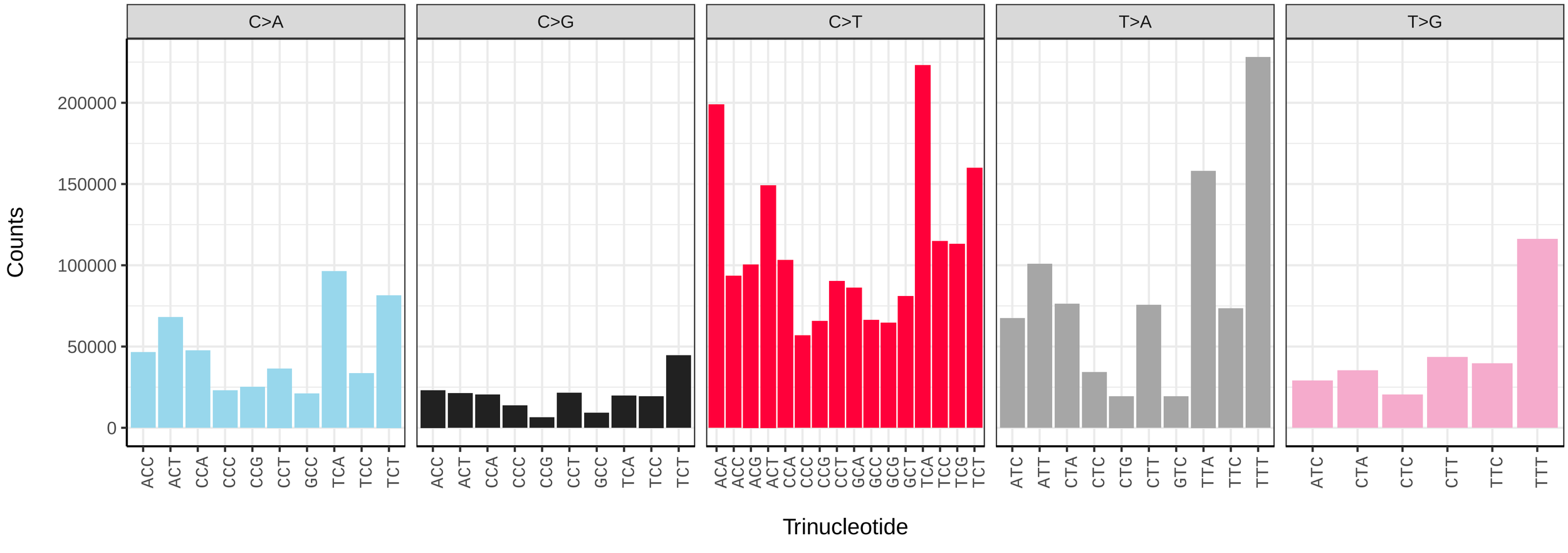
Apotomis betuletana (ilApoBetu1) somatic mutational spectrum (SBS96 classification)



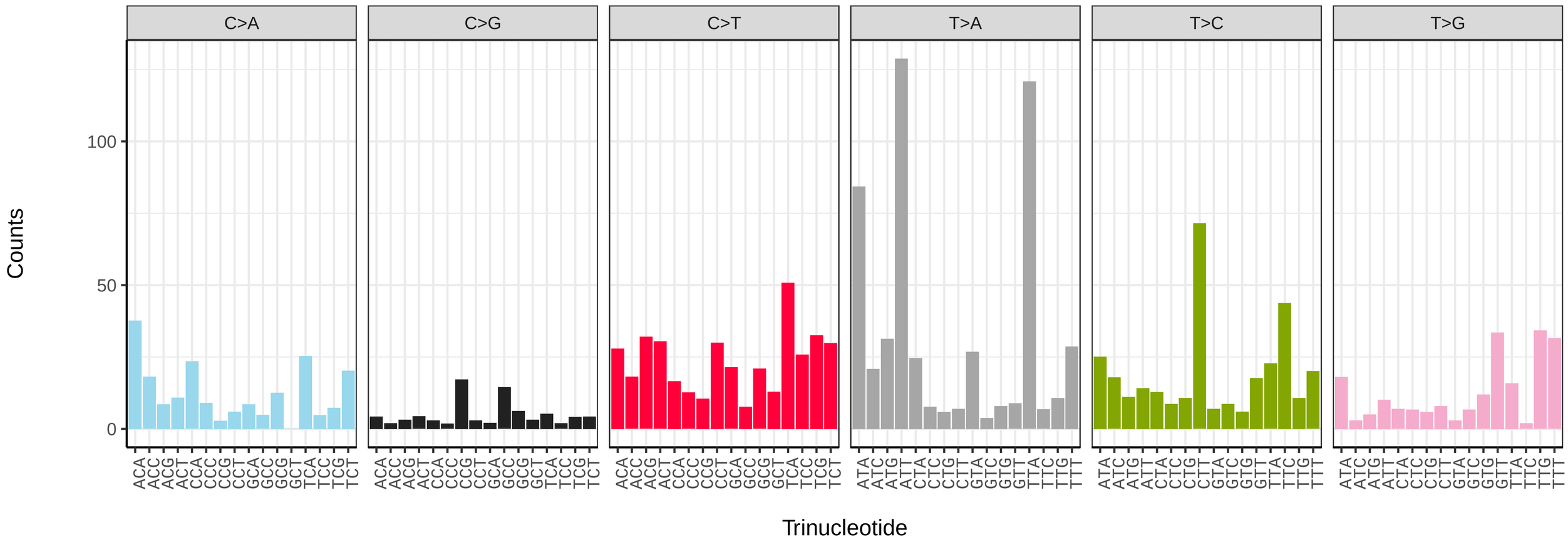
Apotomis betuletana (ilApoBetu1) somatic mutational spectrum (SBS52 classification)



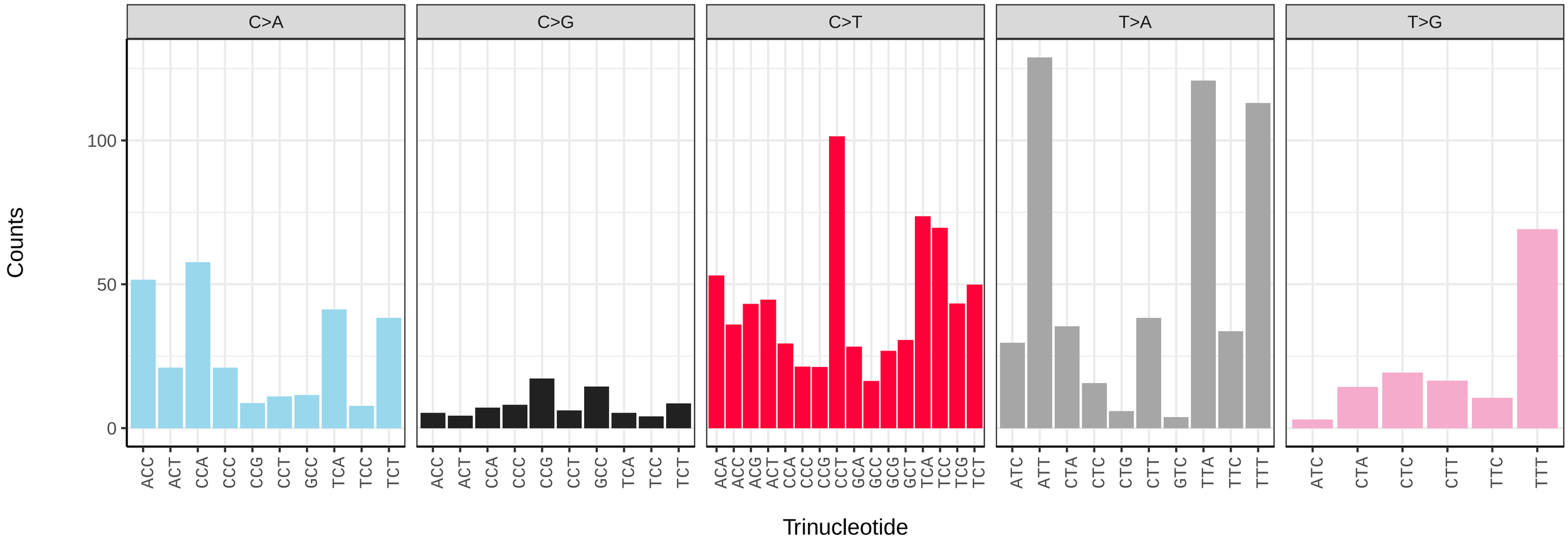
Apomyelois bistriatella (ilApoBist1) germline mutational spectrum



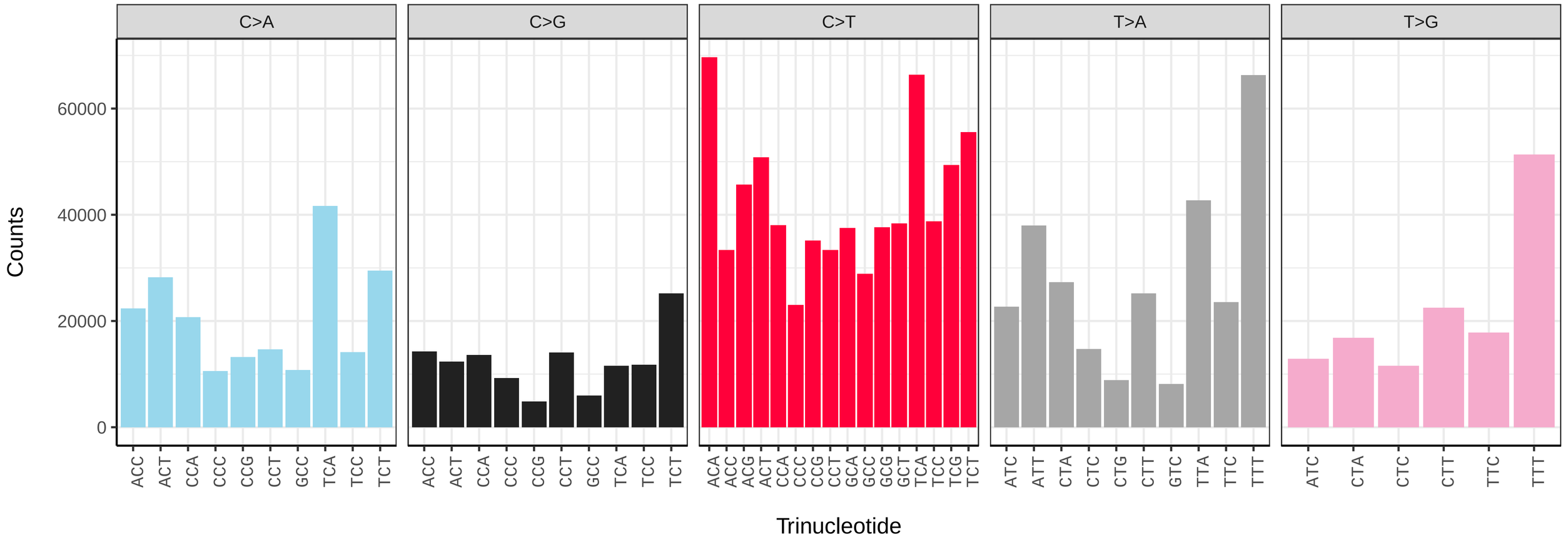
Apomyelois bistriatella (ilApoBist1) somatic mutational spectrum (SBS96 classification)



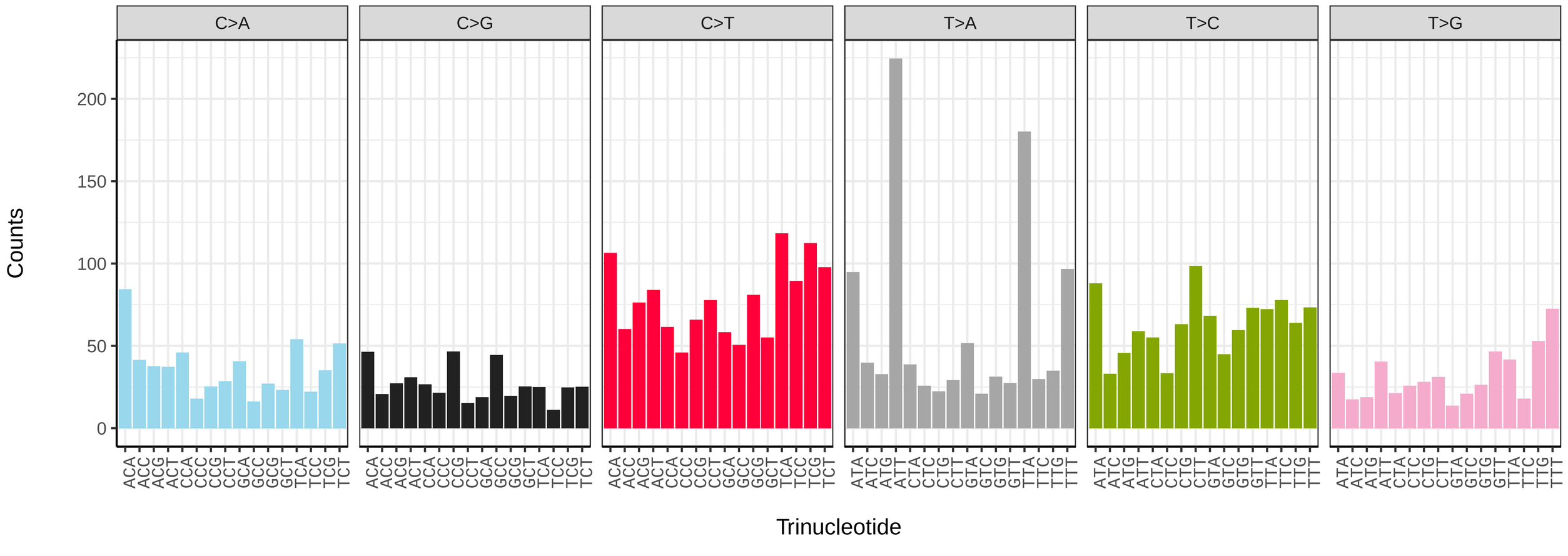
Apomyelois bistriatella (ilApoBist1) somatic mutational spectrum (SBS52 classification)



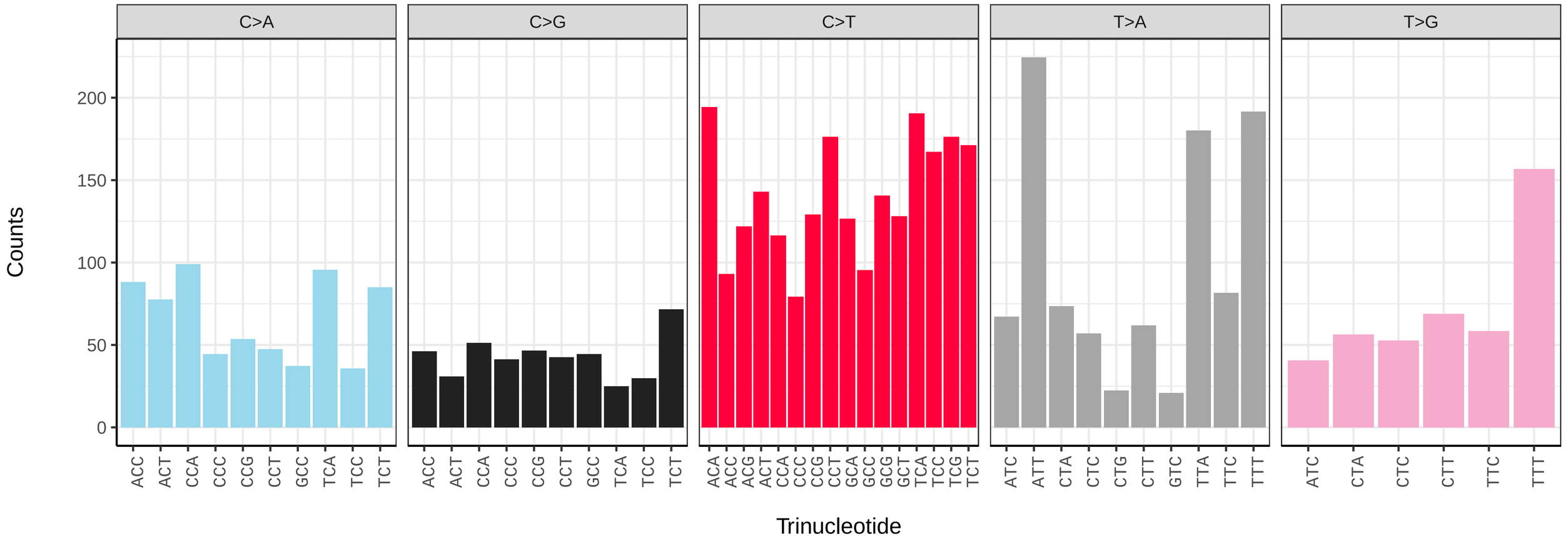
Apotomis capreana (ilApoCapr1) germline mutational spectrum



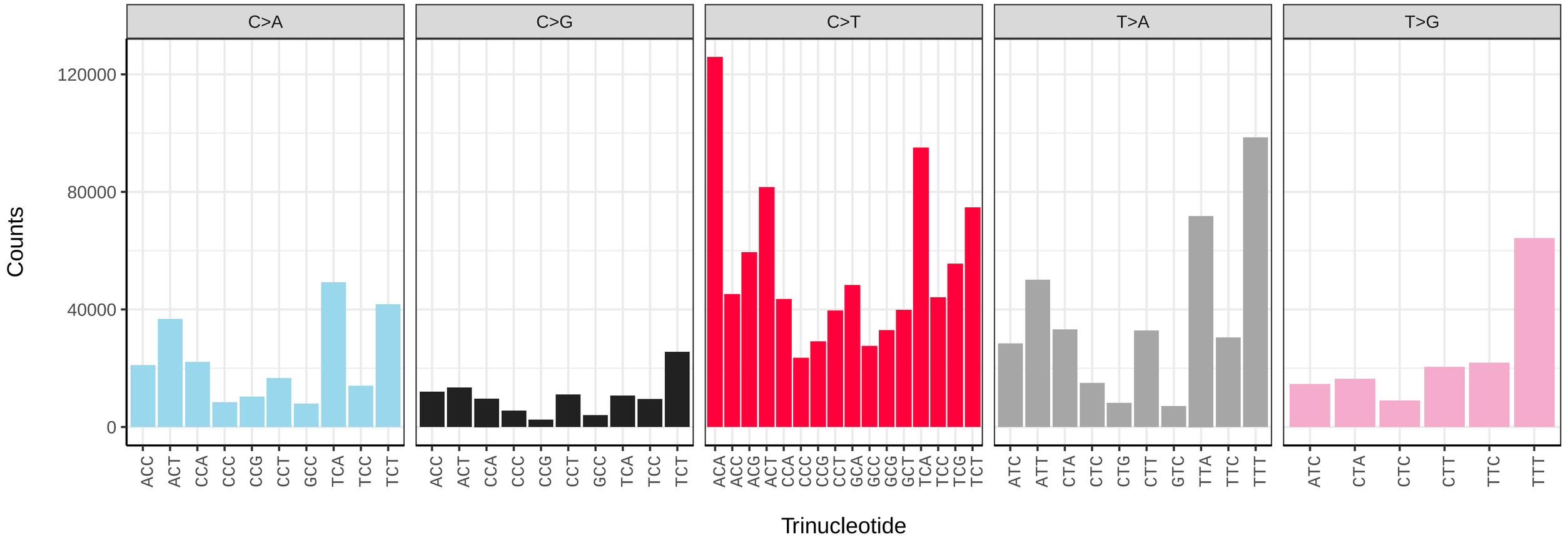
Apotomis capreana (ilApoCapr1) somatic mutational spectrum (SBS96 classification)



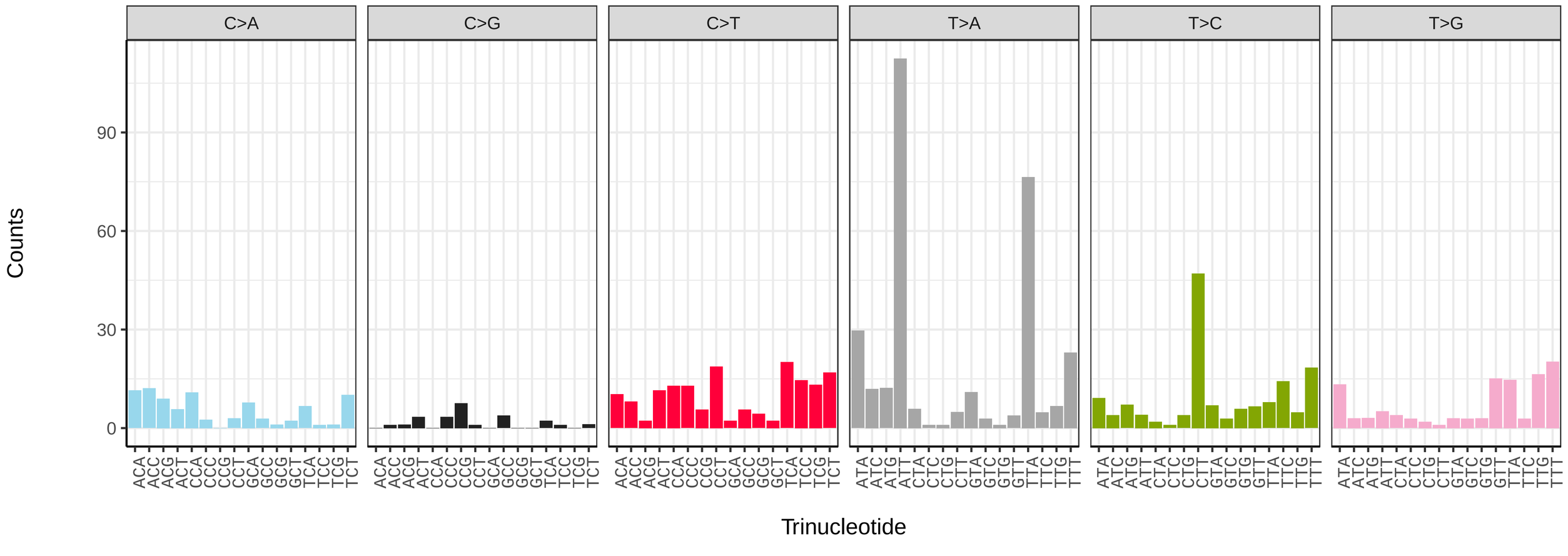
Apotomis capreana (ilApoCapr1) somatic mutational spectrum (SBS52 classification)



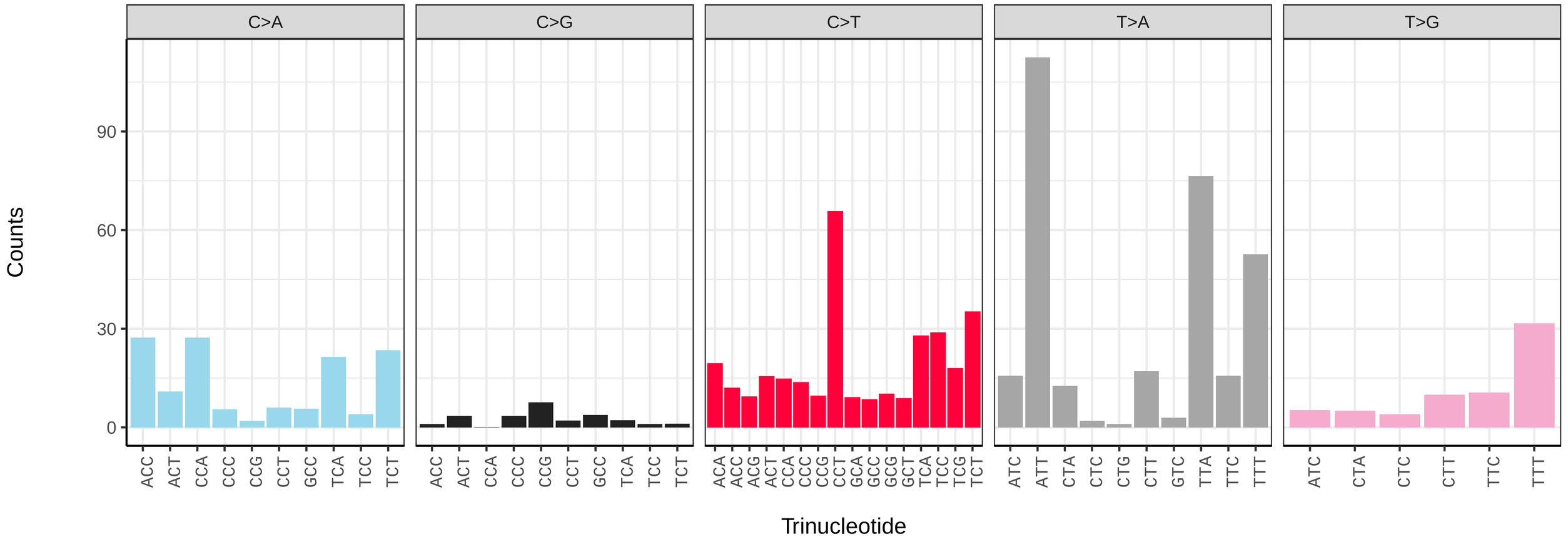
Aporia crataegi (ilApoCrat1) germline mutational spectrum



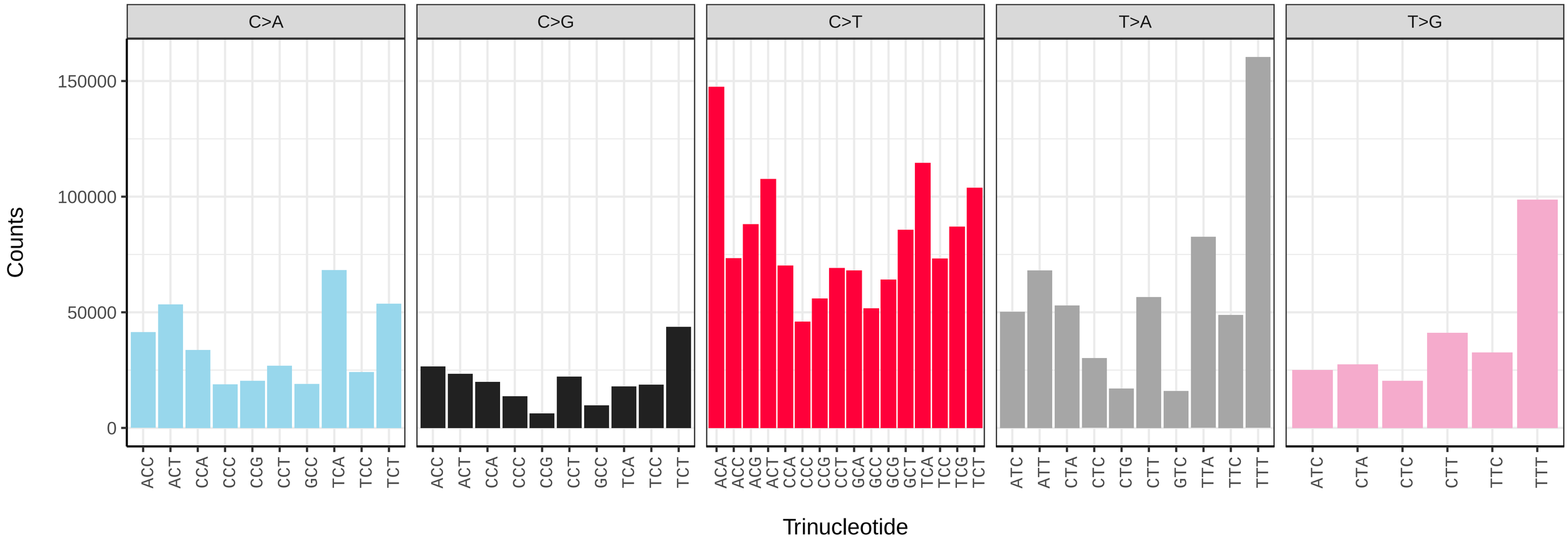
Aporia crataegi (ilApoCrat1) somatic mutational spectrum (SBS96 classification)



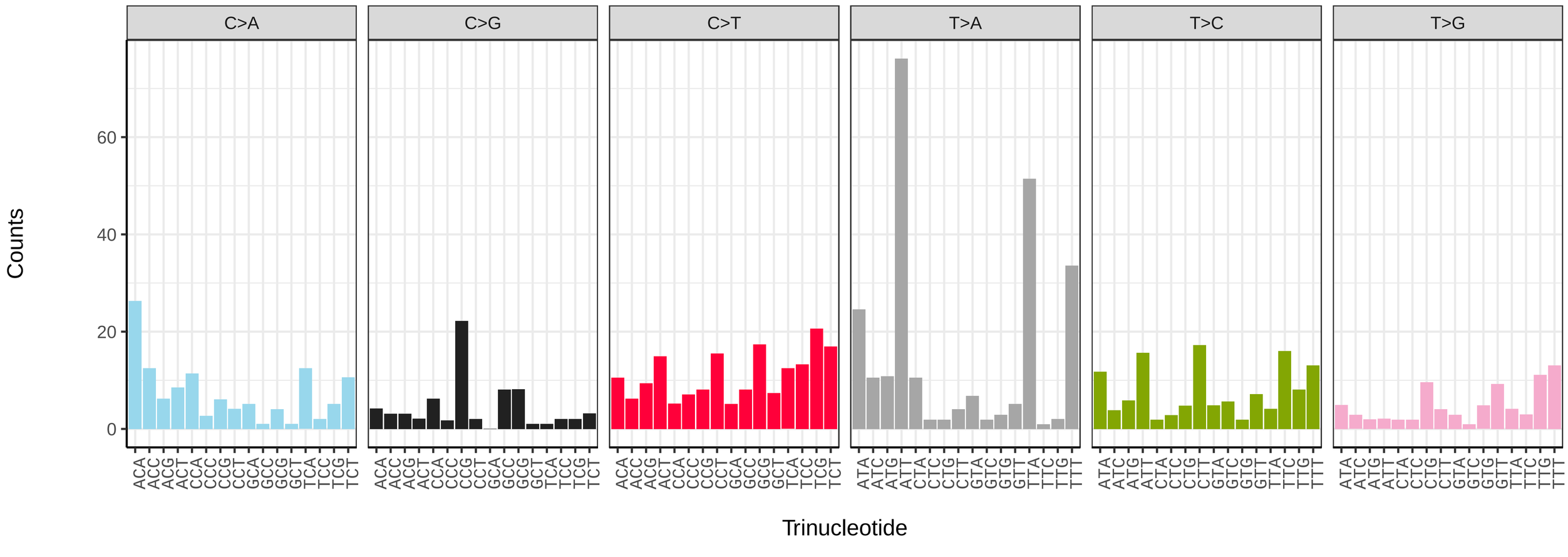
Aporia crataegi (ilApoCrat1) somatic mutational spectrum (SBS52 classification)



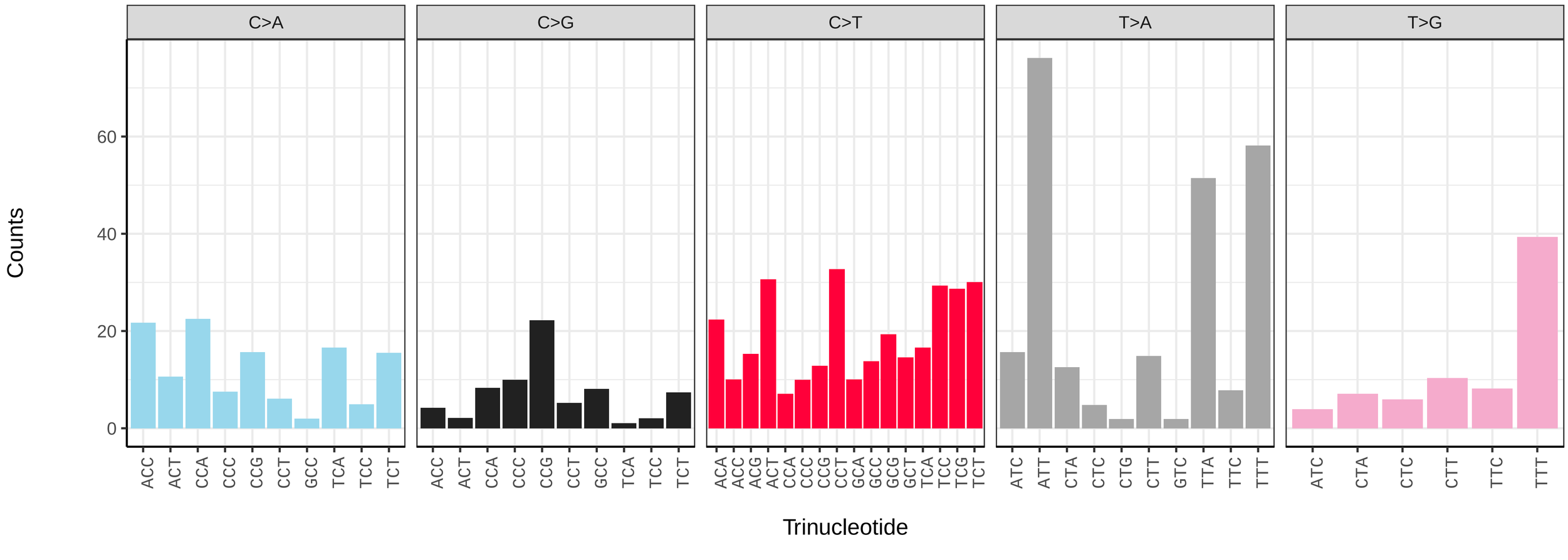
Apocheima hispidaria (ilApoHisp1) germline mutational spectrum



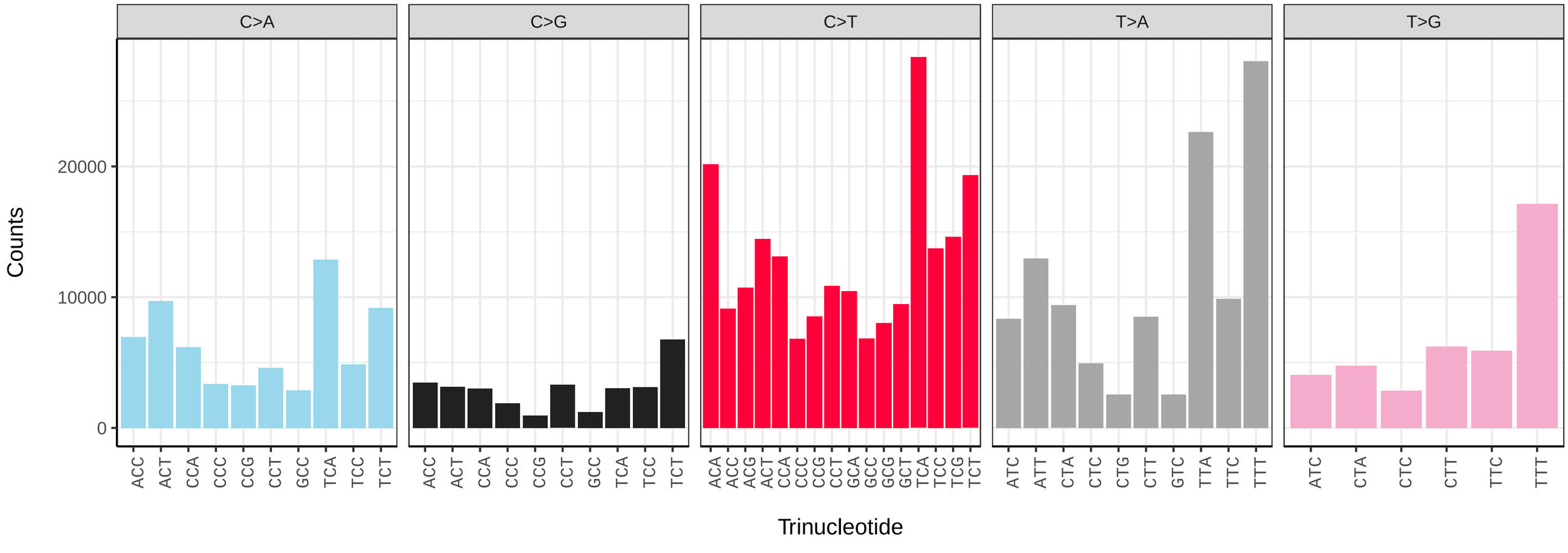
Apocheima hispidaria (ilApoHisp1) somatic mutational spectrum (SBS96 classification)



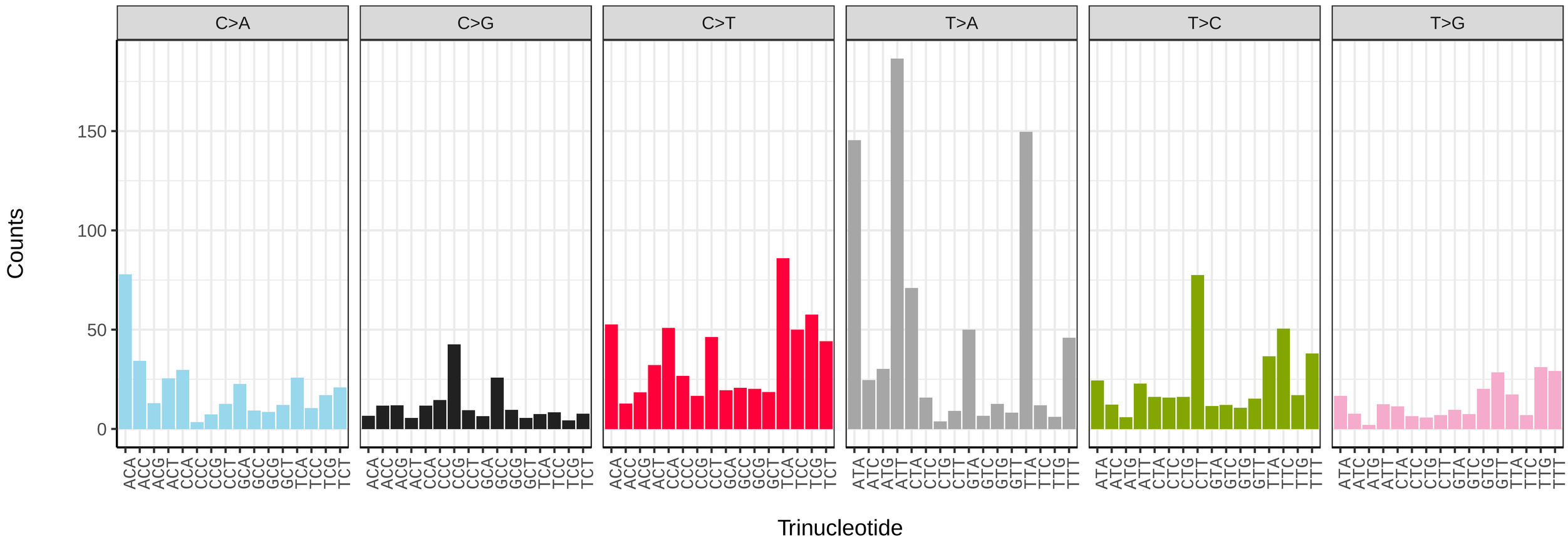
Apocheima hispidaria (ilApoHisp1) somatic mutational spectrum (SBS52 classification)



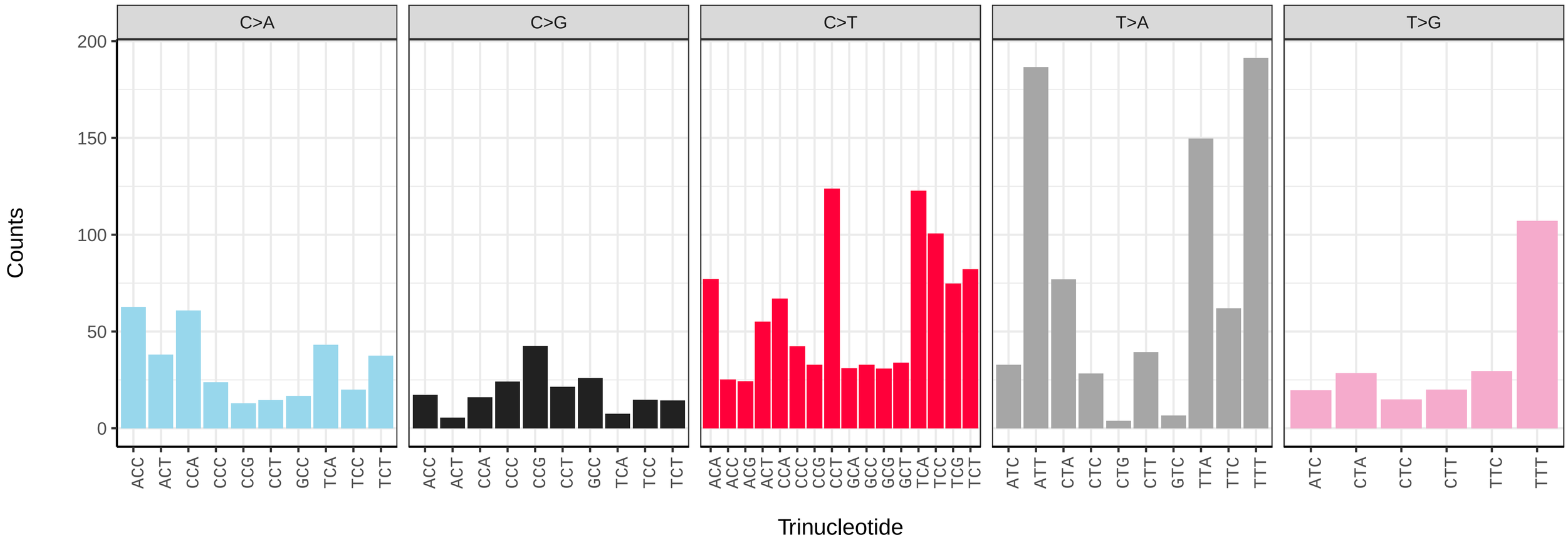
Apoda limacodes (ilApoLima1) germline mutational spectrum



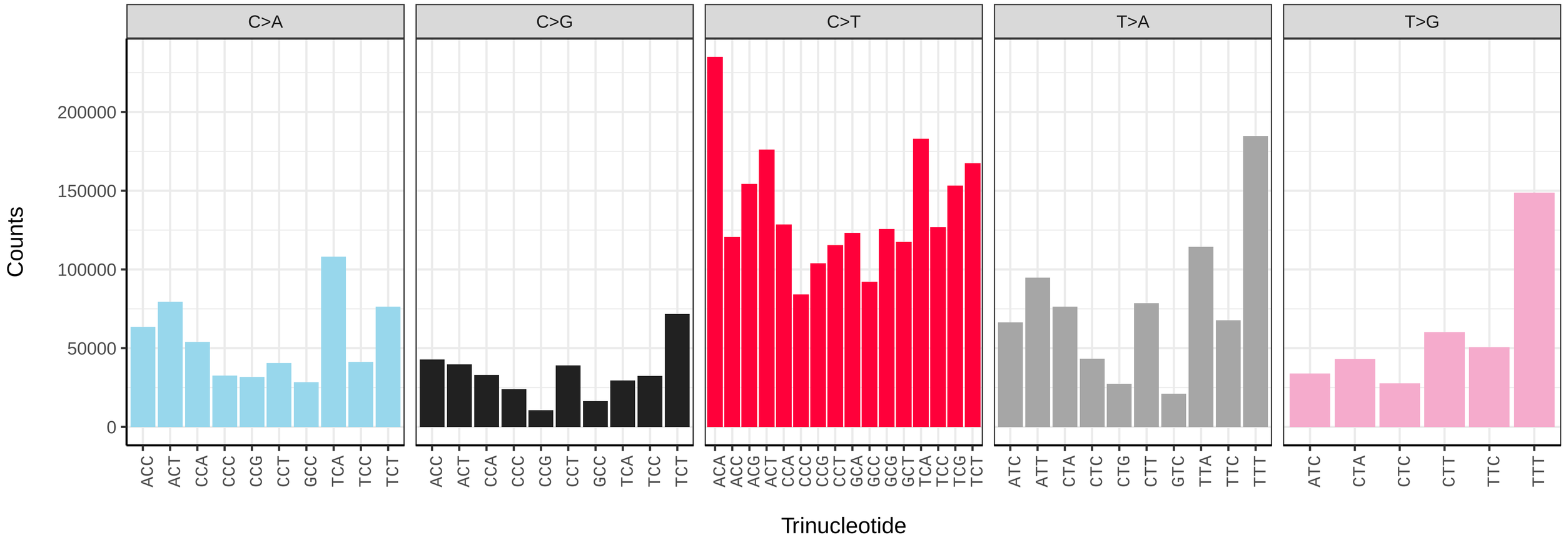
Apoda limacodes (ilApoLima1) somatic mutational spectrum (SBS96 classification)



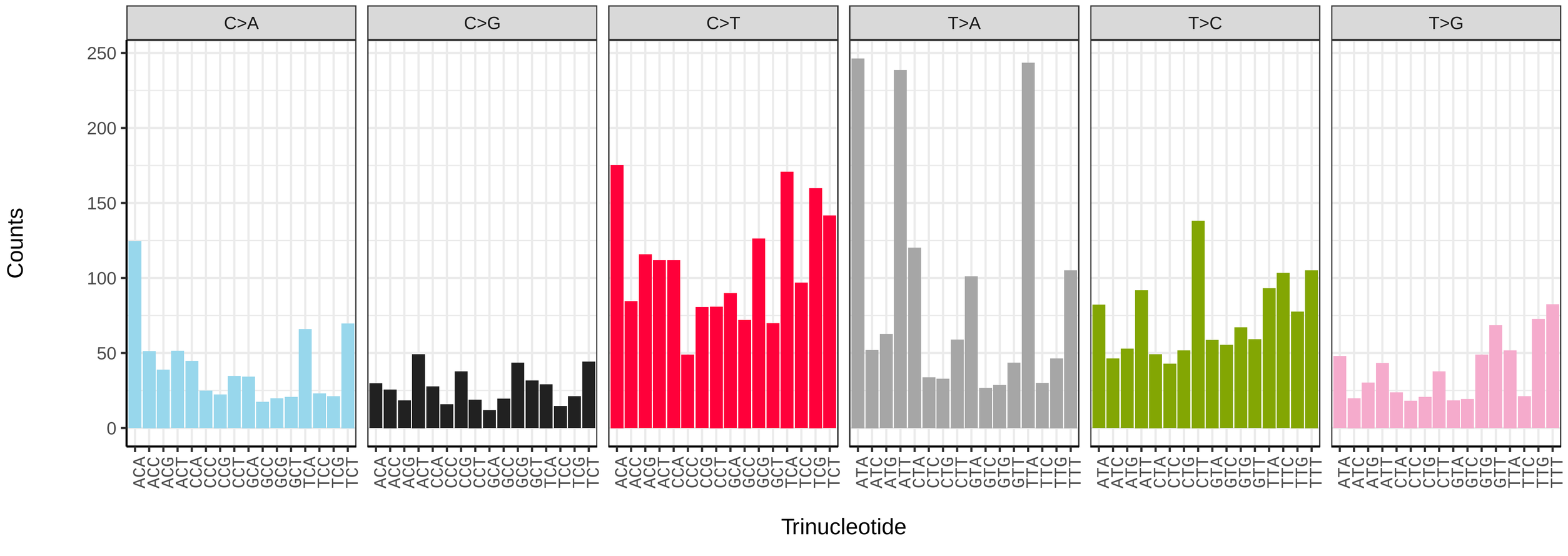
Apoda limacodes (ilApoLima1) somatic mutational spectrum (SBS52 classification)



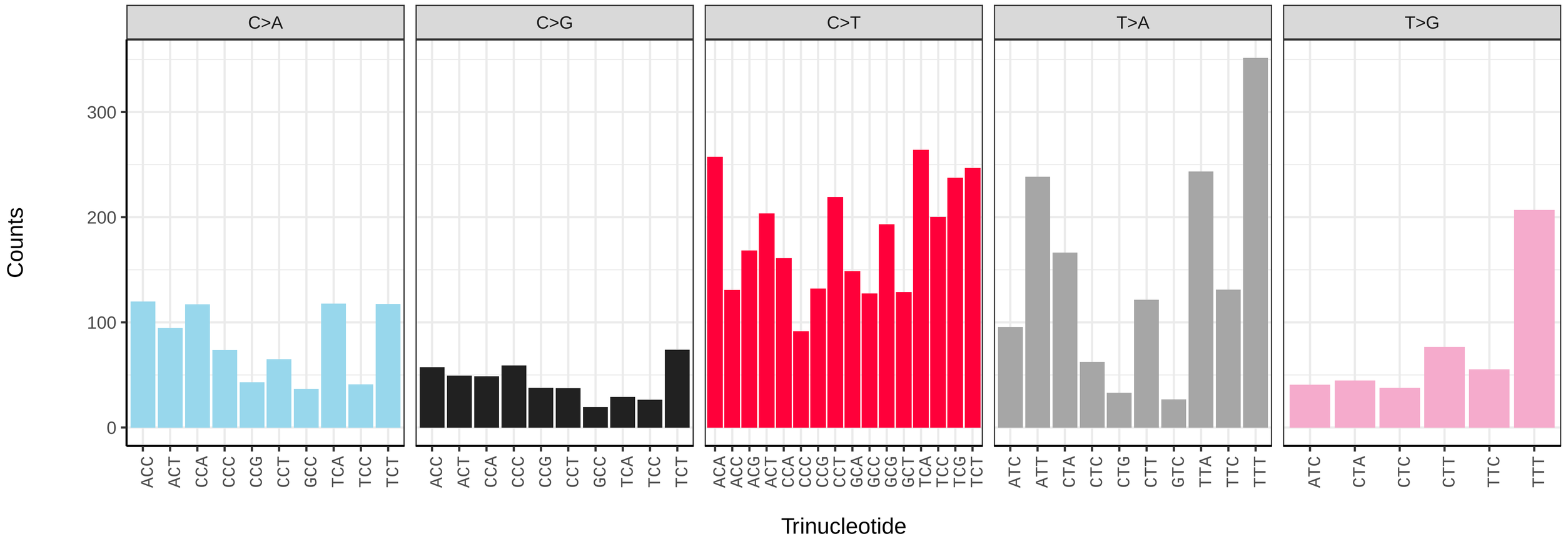
Aporophyla lueneburgensis (ilApoLuen1) germline mutational spectrum



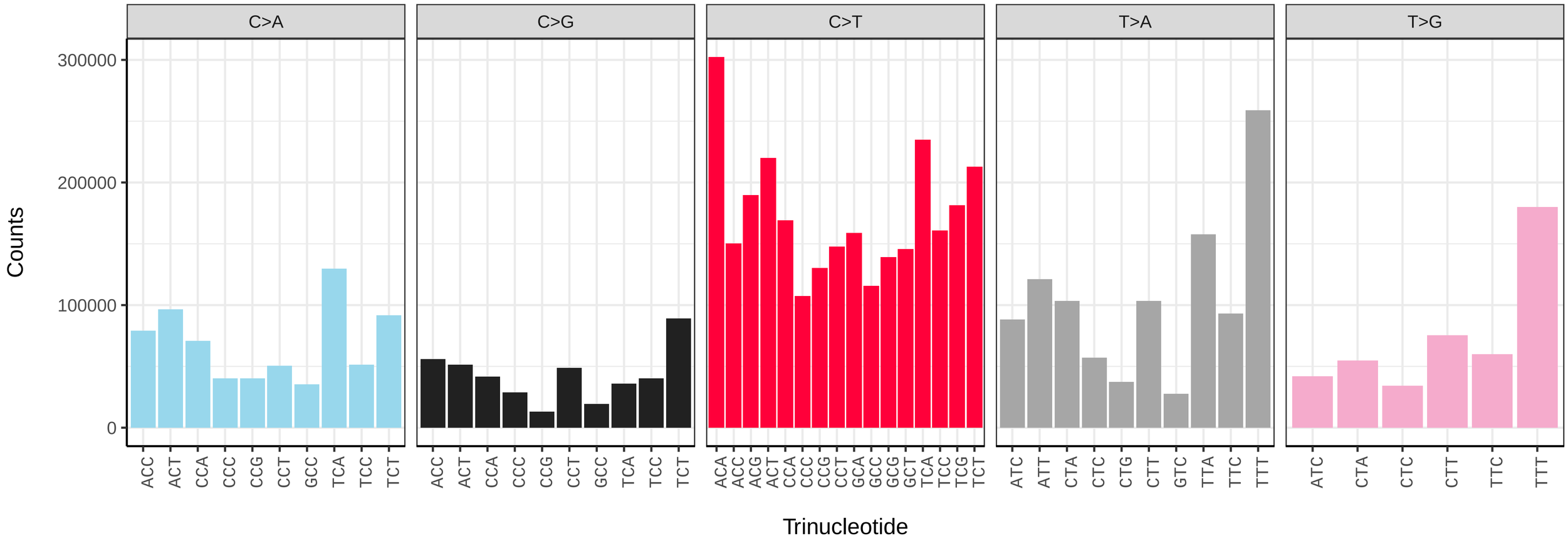
Aporophyla lueneburgensis (ilApoLuen1) somatic mutational spectrum (SBS96 classification)



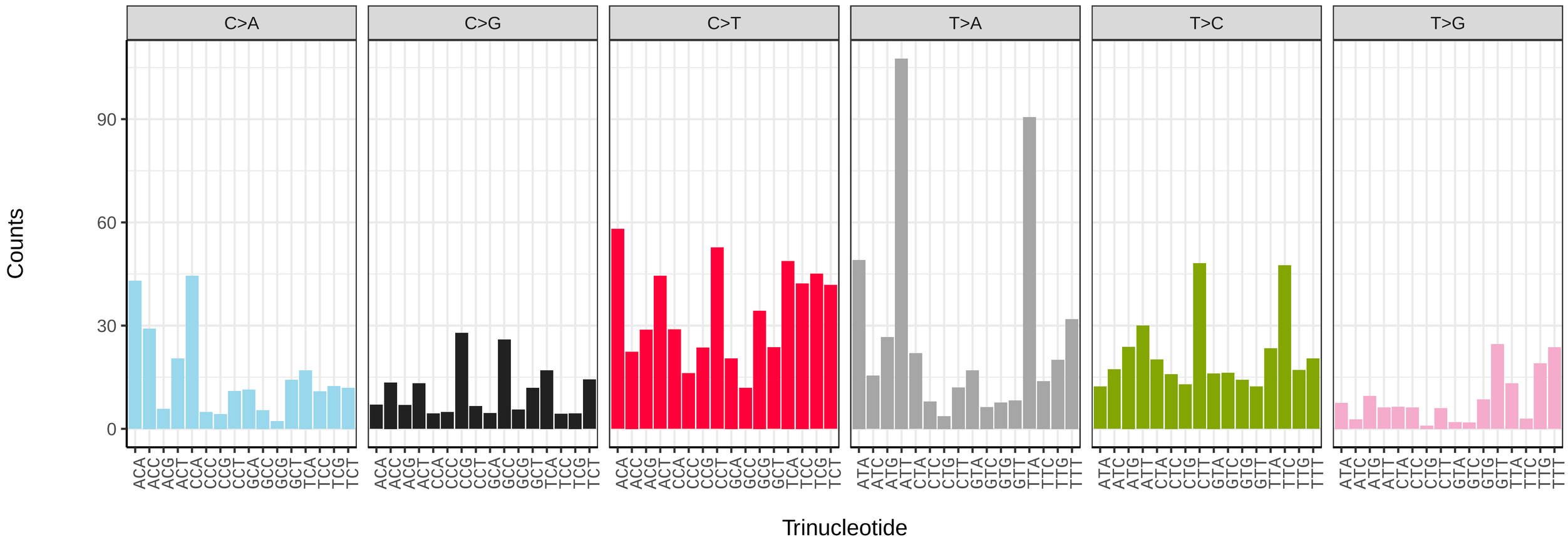
Aporophyla lueneburgensis (ilApoLuen1) somatic mutational spectrum (SBS52 classification)



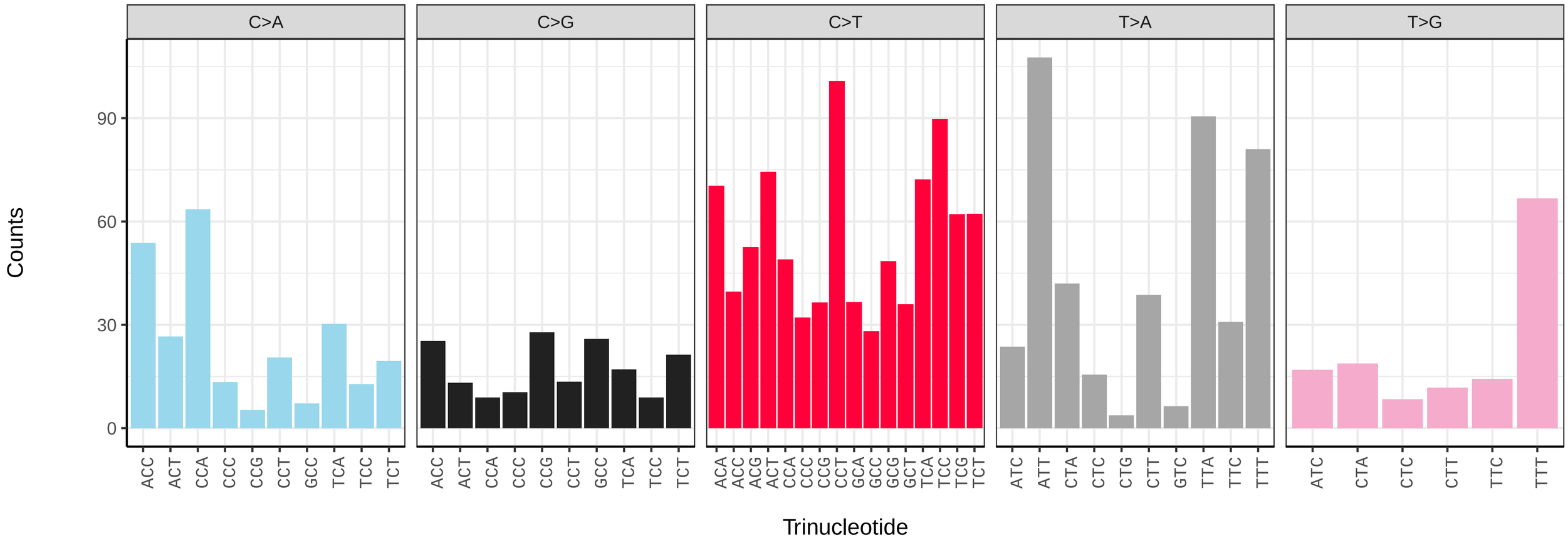
Aporophyla nigra (ilApoNigr3) germline mutational spectrum



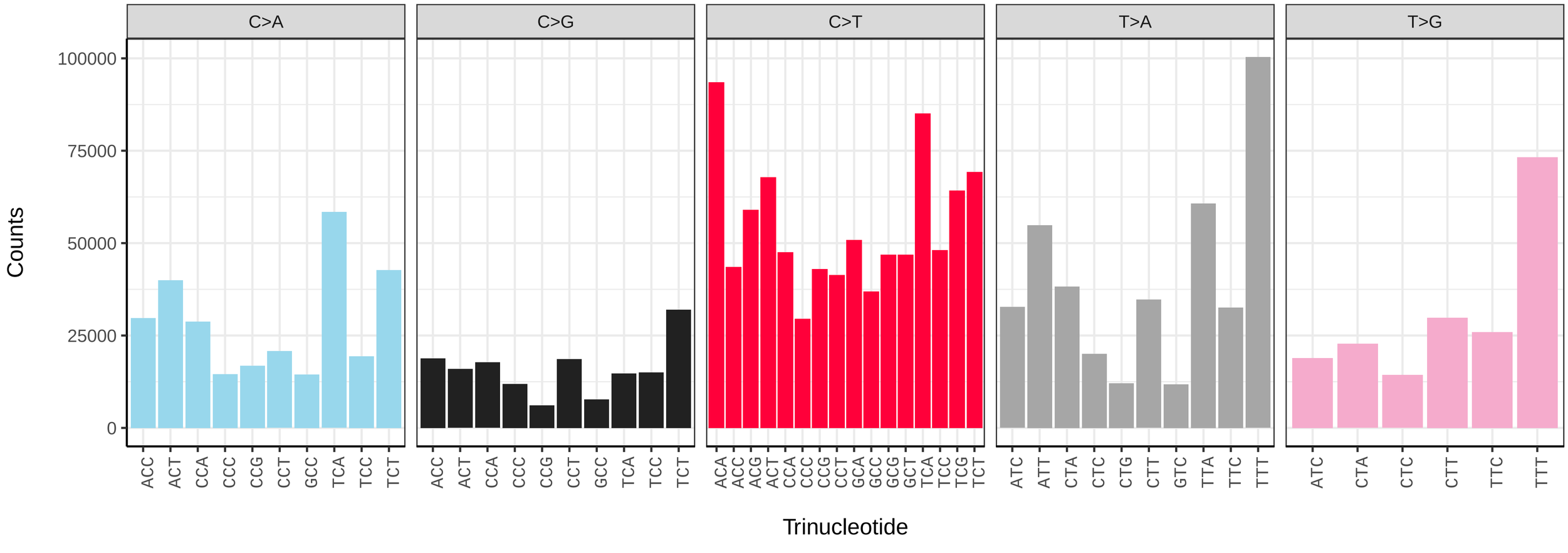
Aporophyla nigra (ilApoNigr3) somatic mutational spectrum (SBS96 classification)



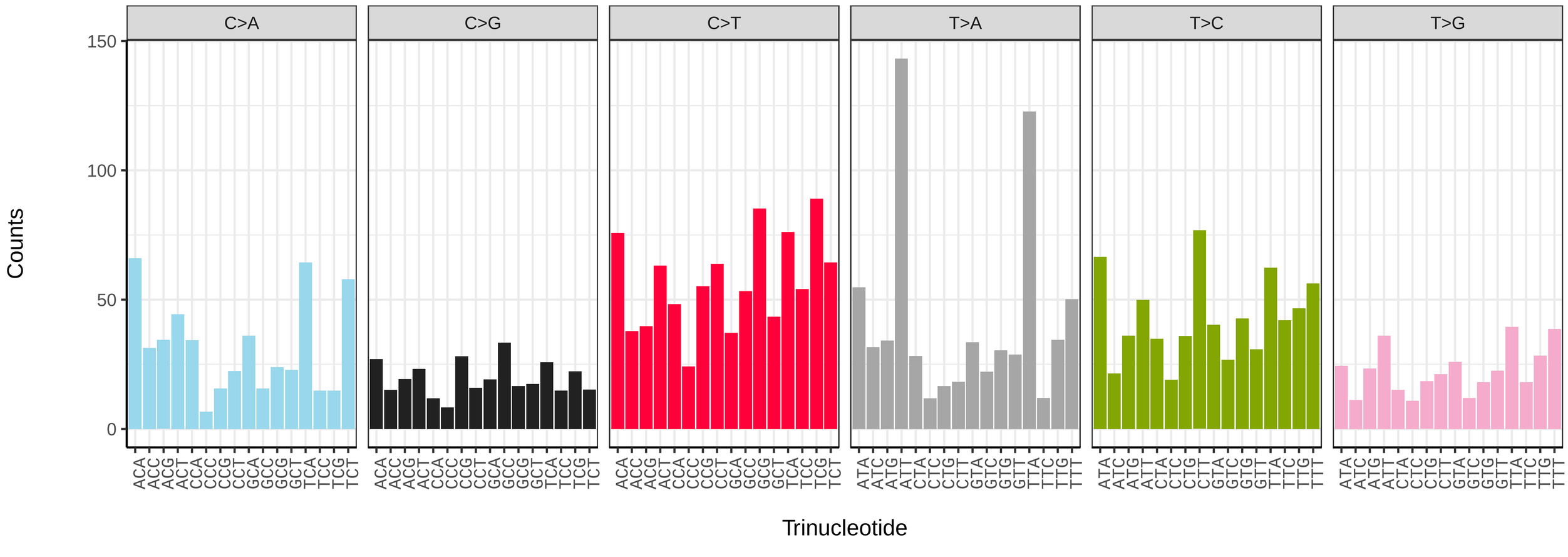
Aporophyla nigra (ilApoNigr3) somatic mutational spectrum (SBS52 classification)



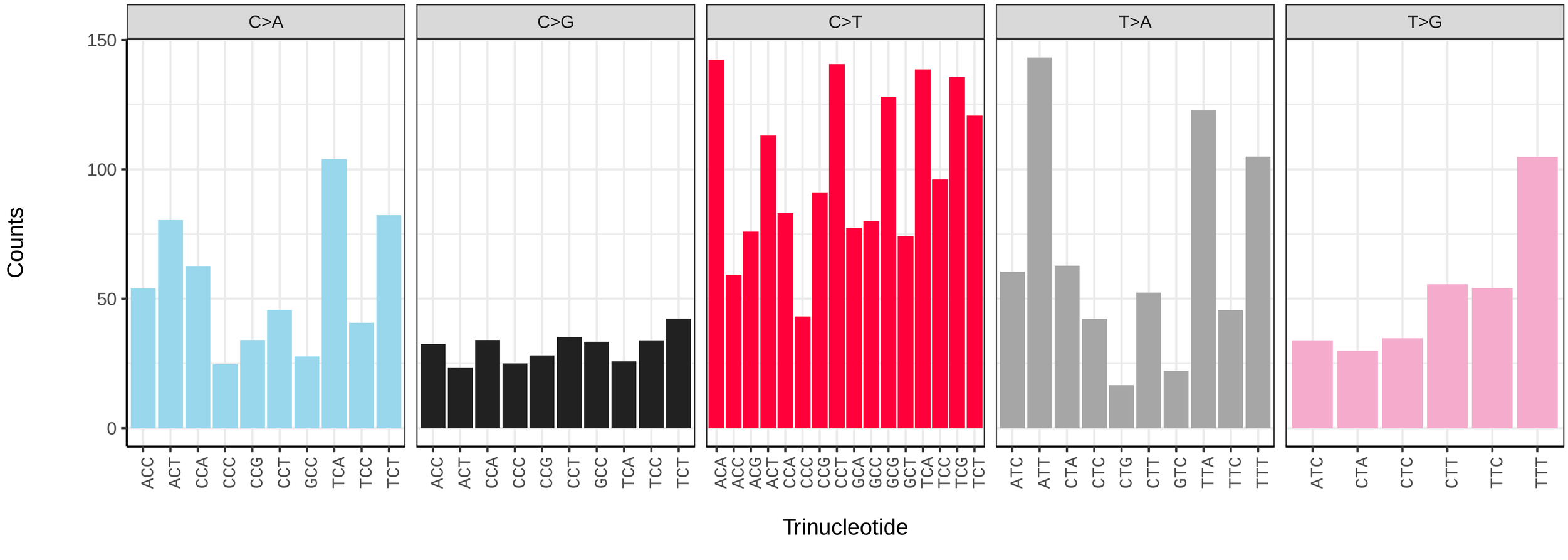
Apotomis turbidana (ilApoTurb1) germline mutational spectrum



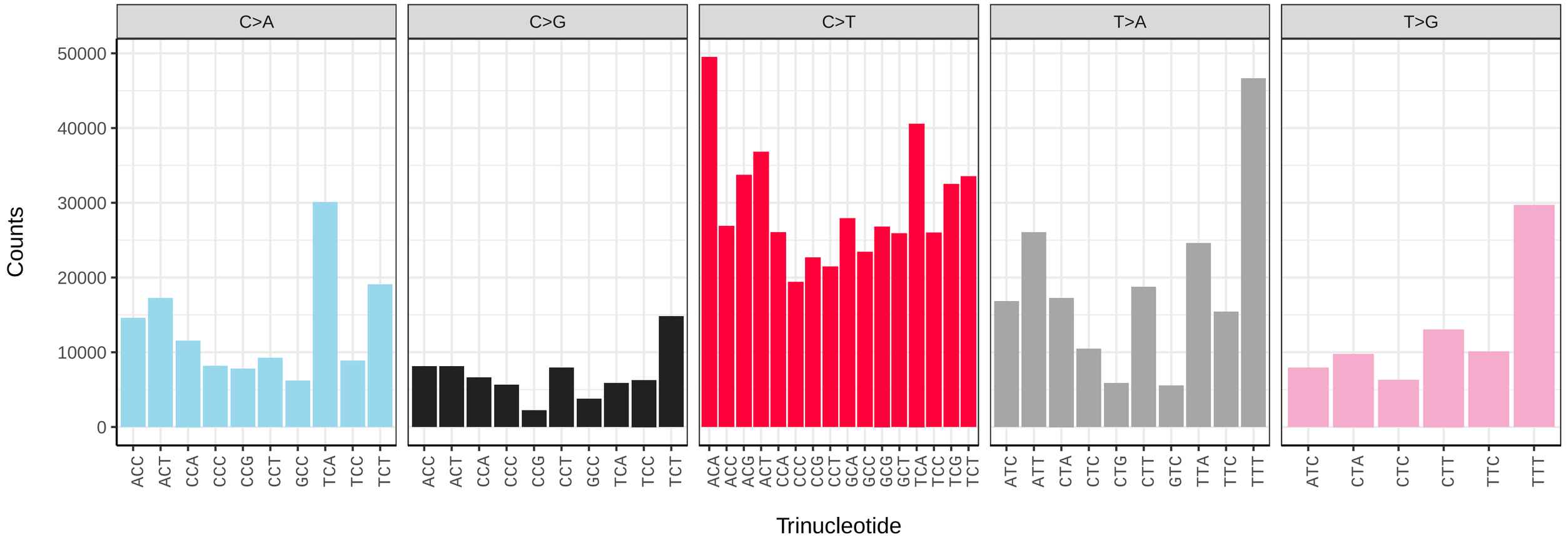
Apotomis turbidana (ilApoTurb1) somatic mutational spectrum (SBS96 classification)



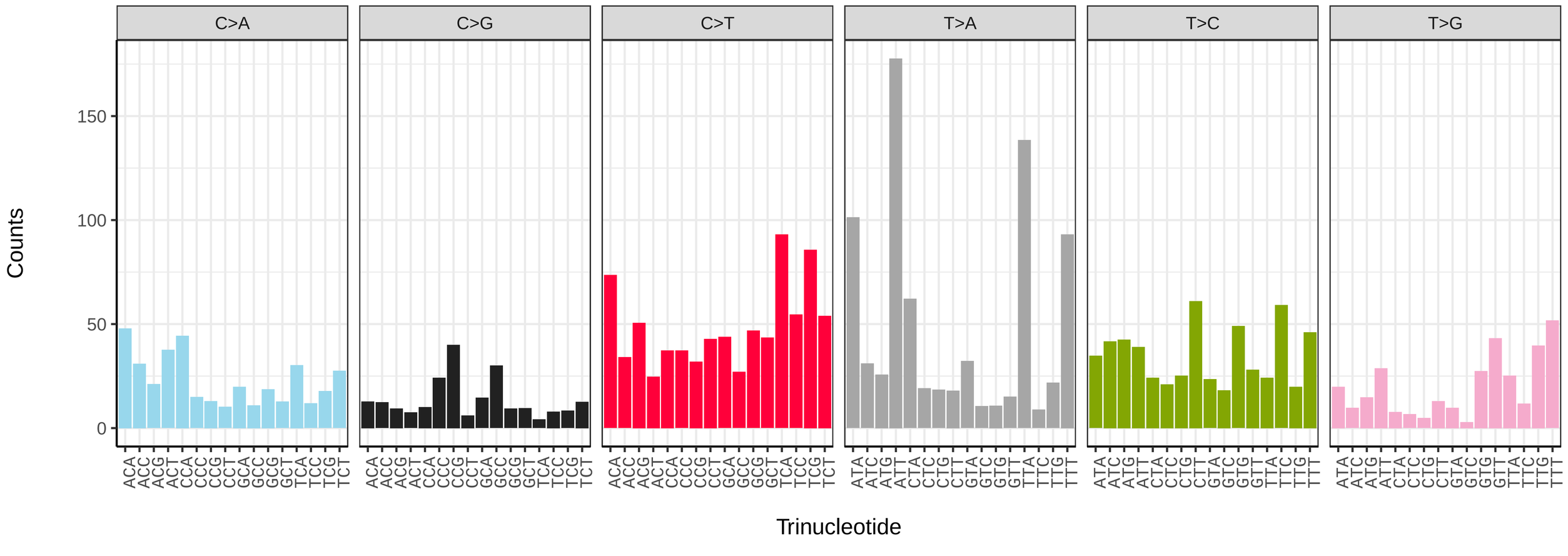
Apotomis turbidana (ilApoTurb1) somatic mutational spectrum (SBS52 classification)



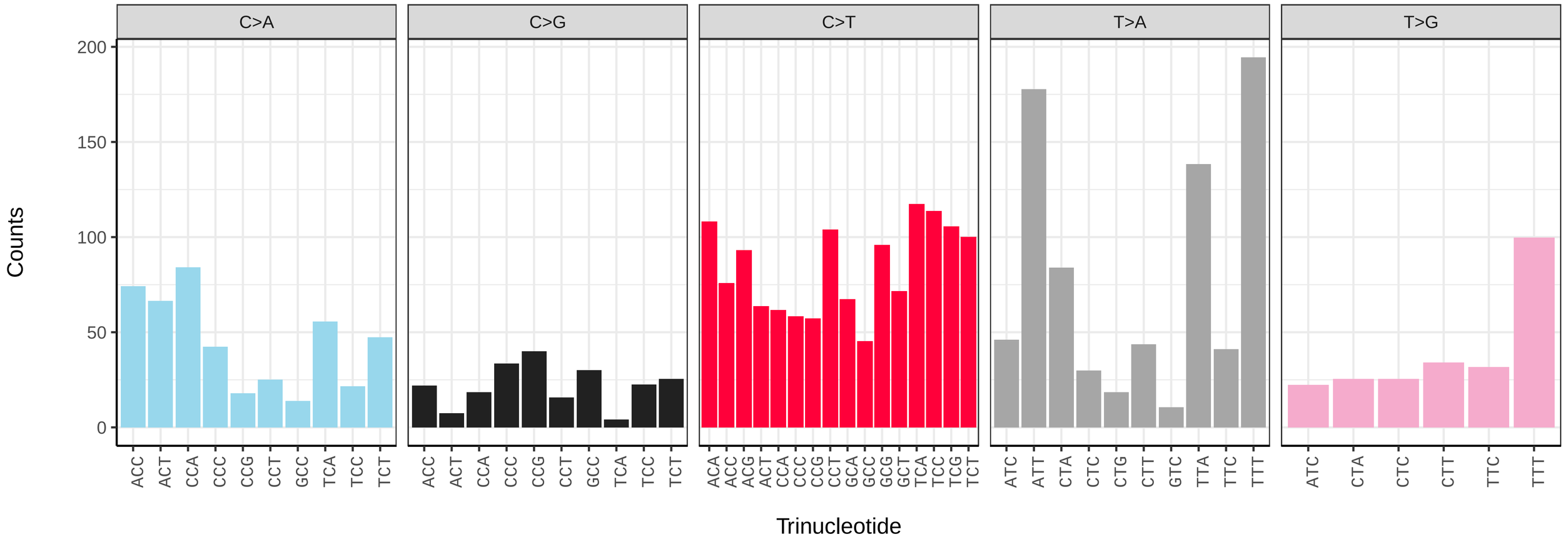
Archips crataeganus (ilArcCraa1) germline mutational spectrum



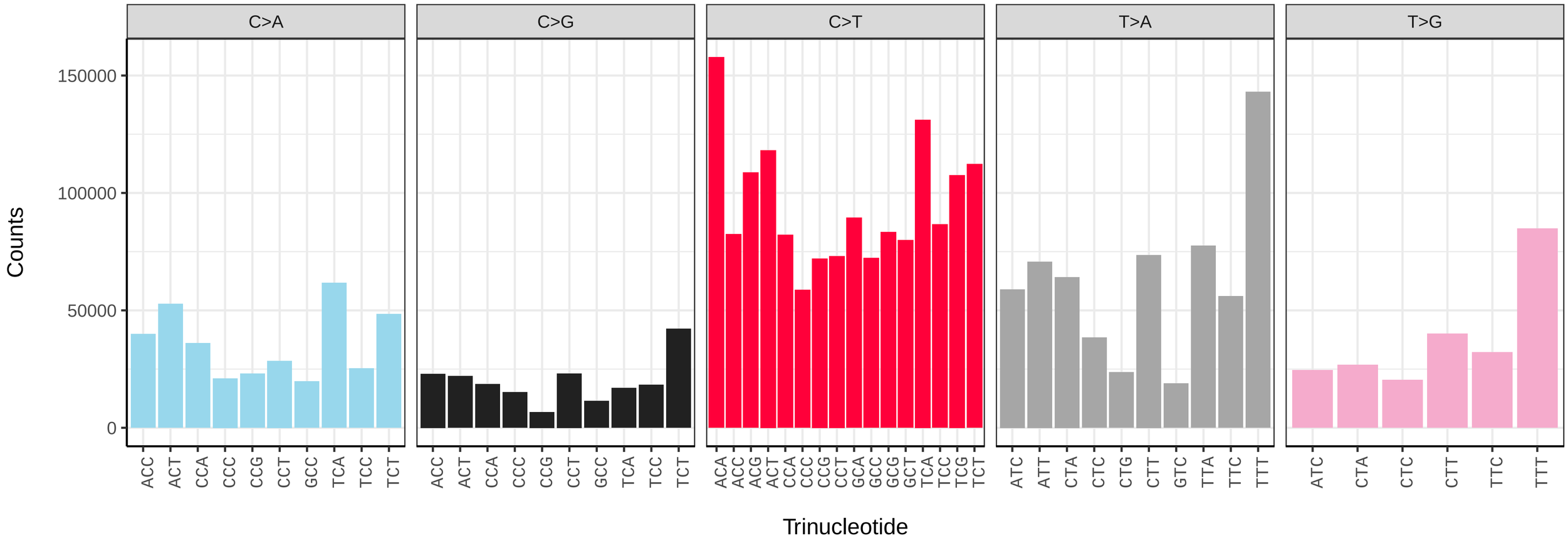
Archips crataeganus (ilArcCraa1) somatic mutational spectrum (SBS96 classification)



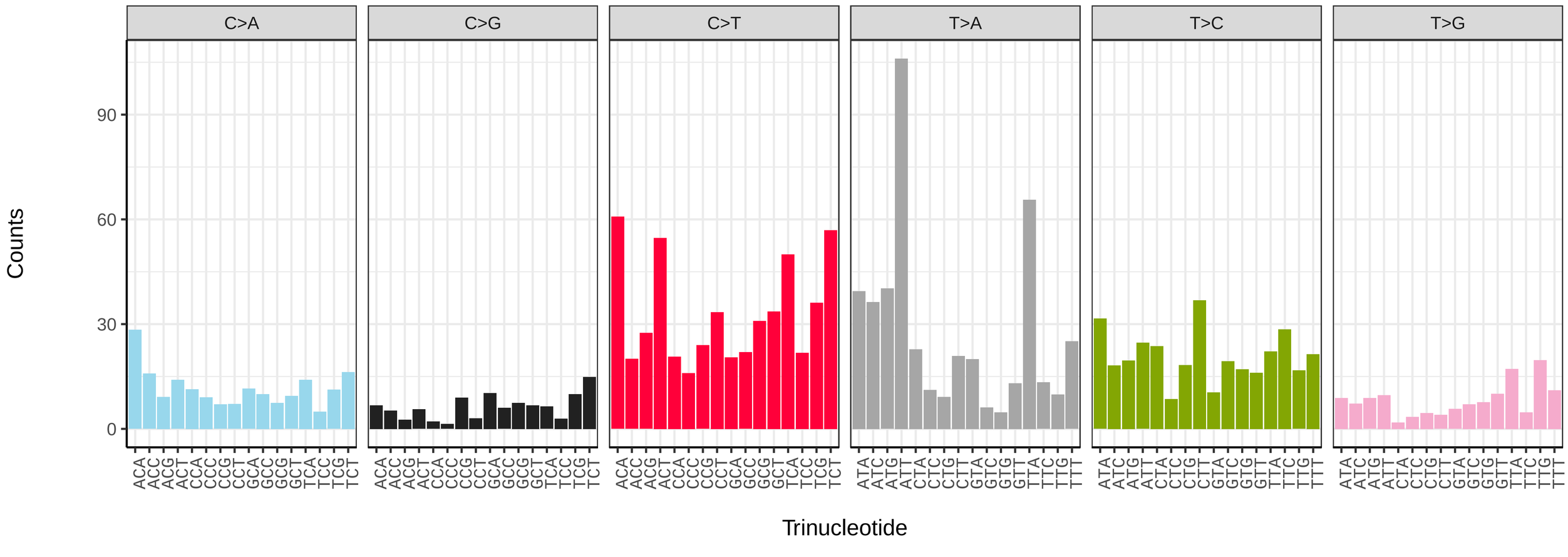
Archips crataeganus (ilArcCraa1) somatic mutational spectrum (SBS52 classification)



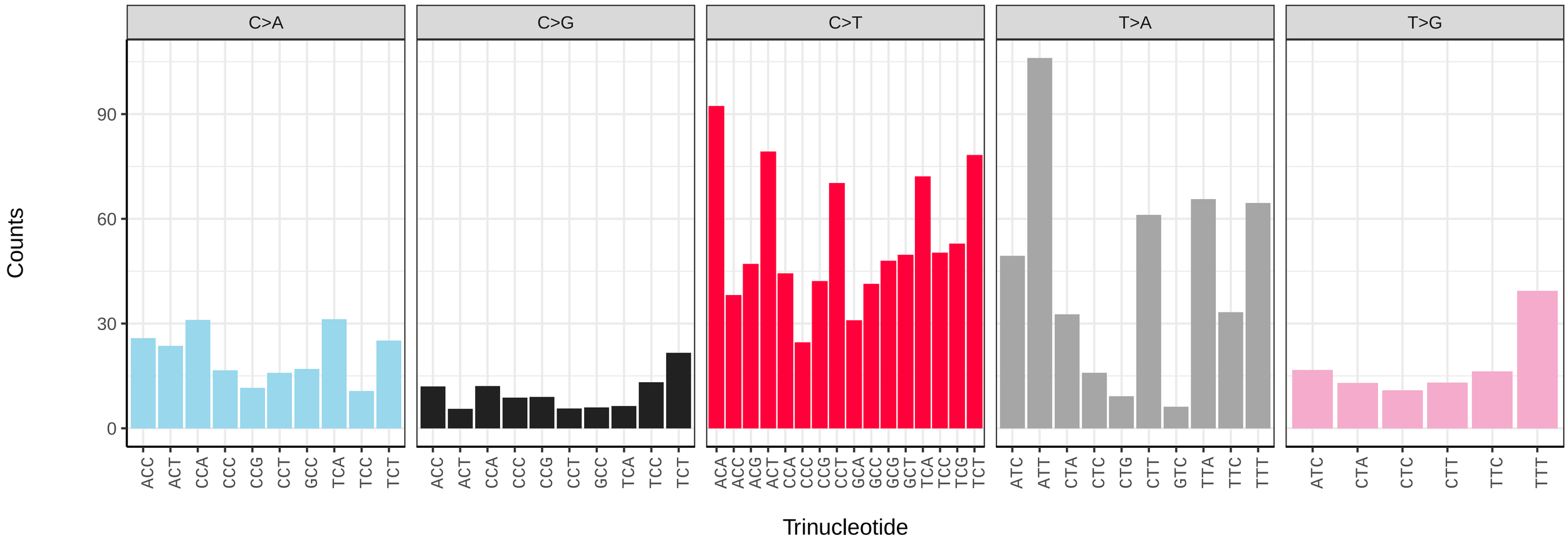
Archips xylosteana (ilArcXylo1) germline mutational spectrum



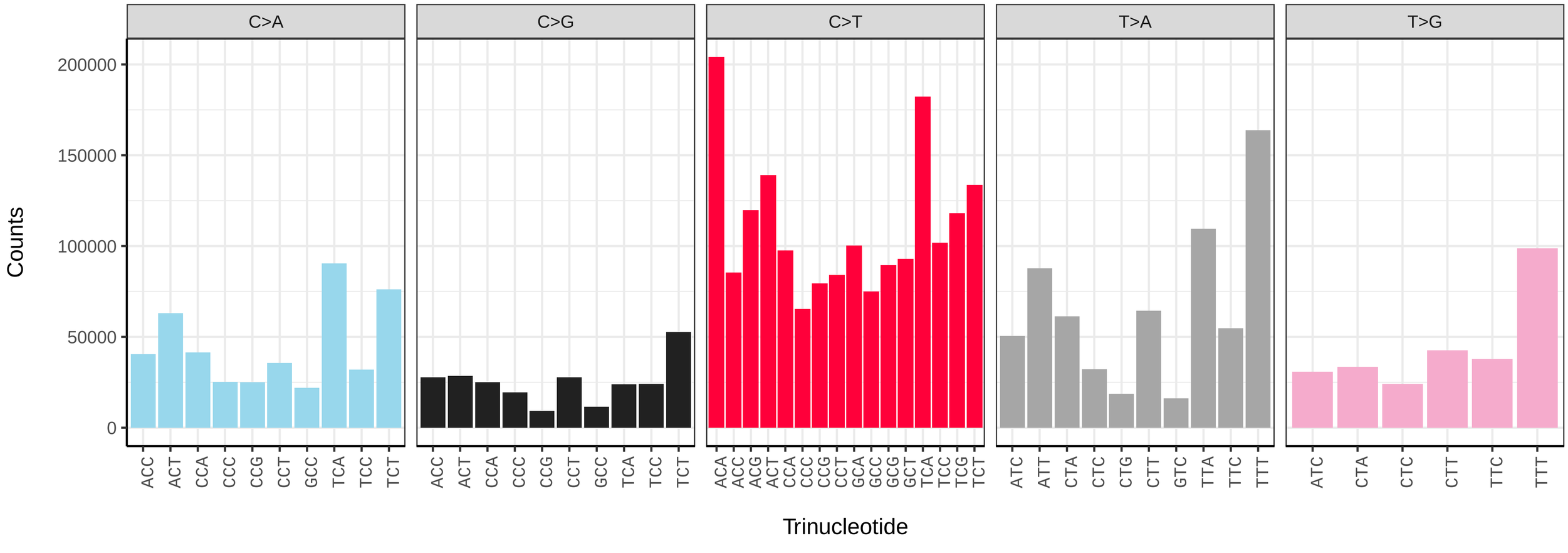
Archips xylosteana (ilArcXylo1) somatic mutational spectrum (SBS96 classification)



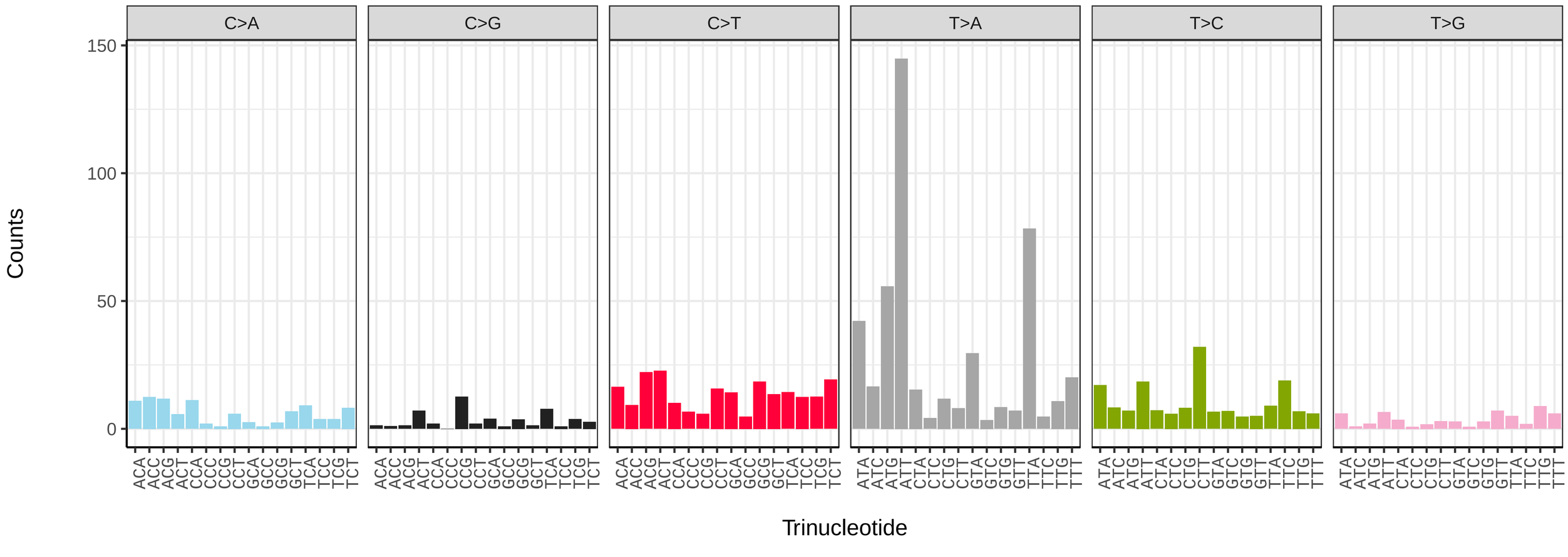
Archips xylosteana (ilArcXylo1) somatic mutational spectrum (SBS52 classification)



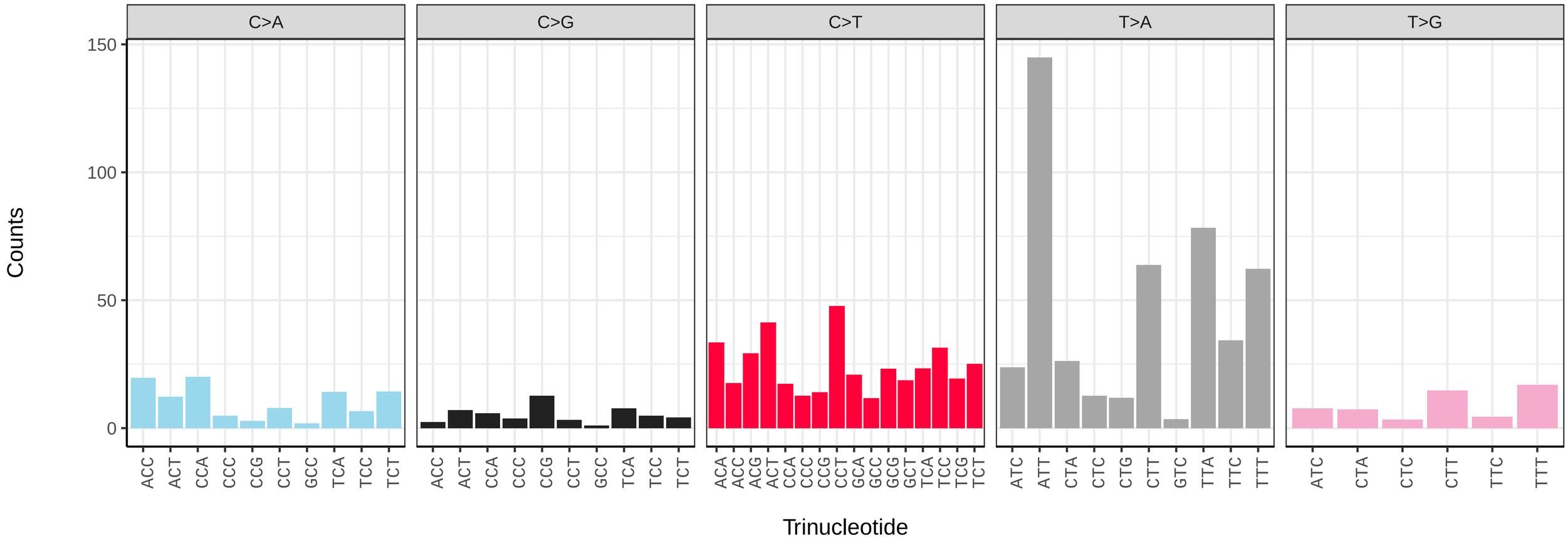
Aricia agestis (ilAriAges1) germline mutational spectrum



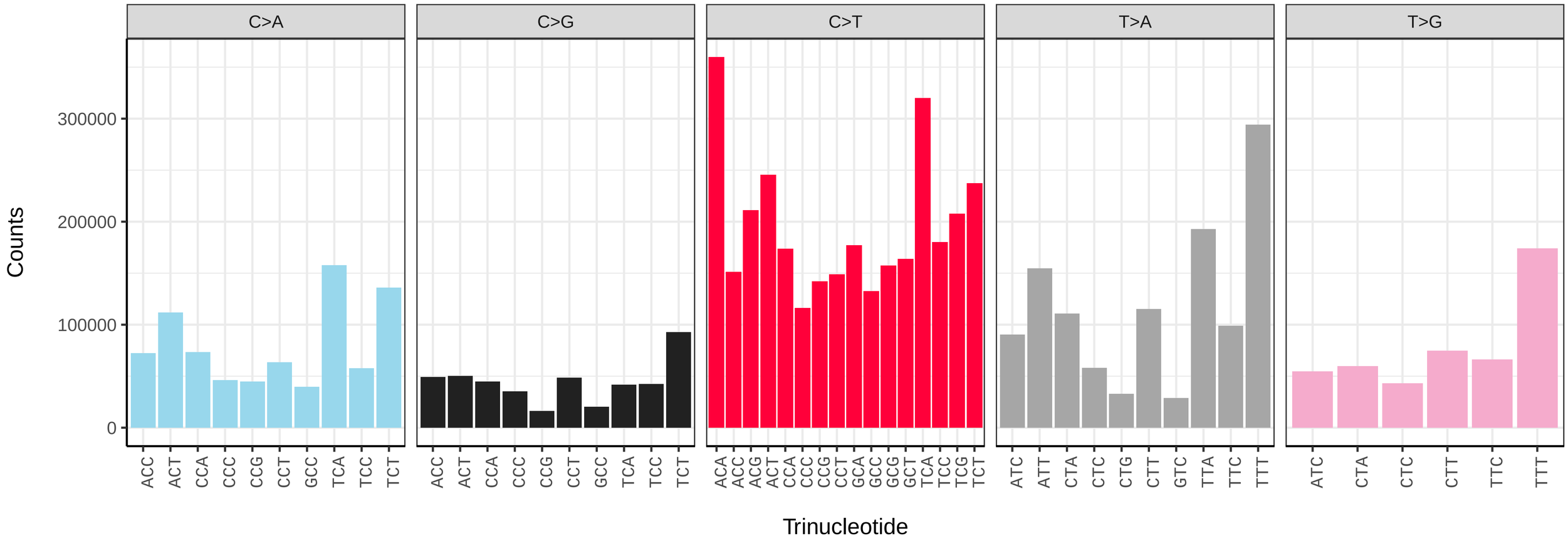
Aricia agestis (ilAriAges1) somatic mutational spectrum (SBS96 classification)



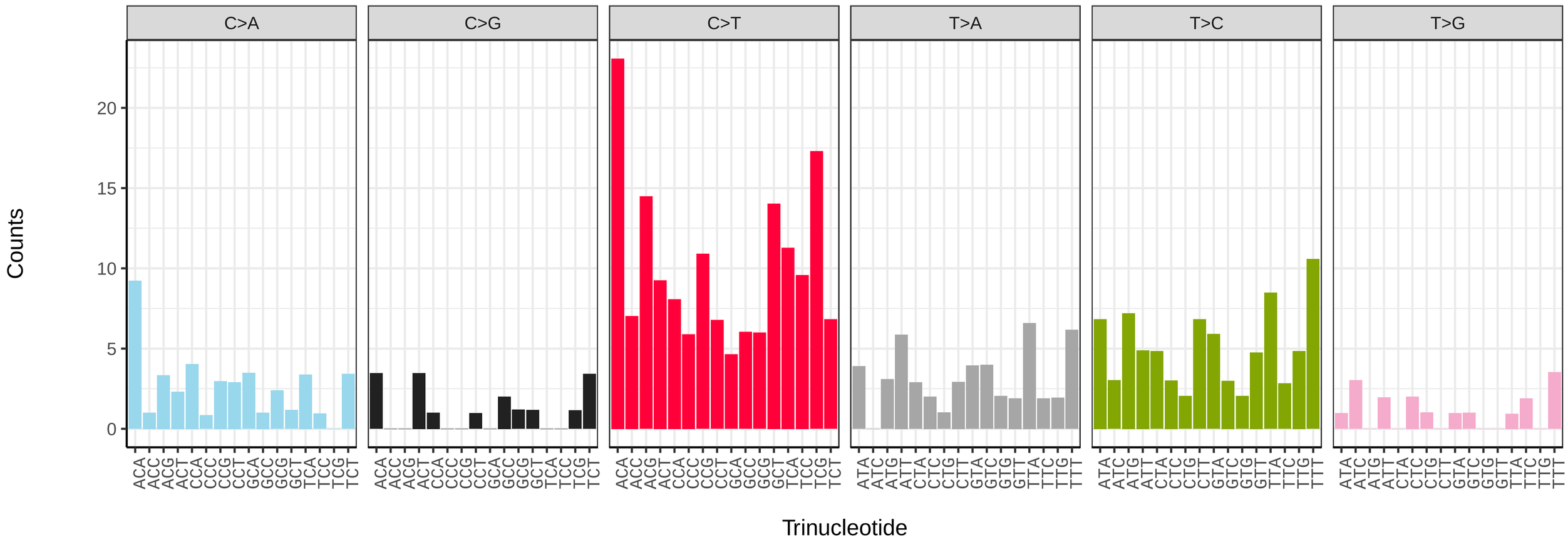
Aricia agestis (ilAriAges1) somatic mutational spectrum (SBS52 classification)



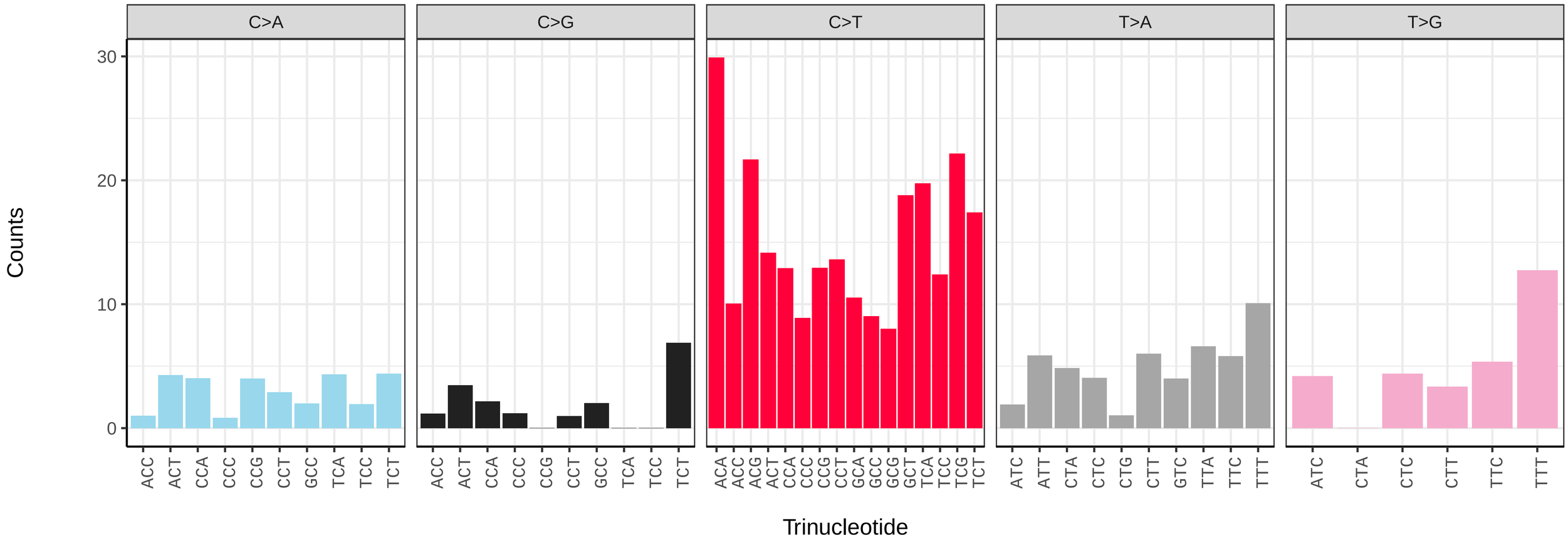
Aricia agestis (ilAriAges1.ilAriAges2) germline mutational spectrum



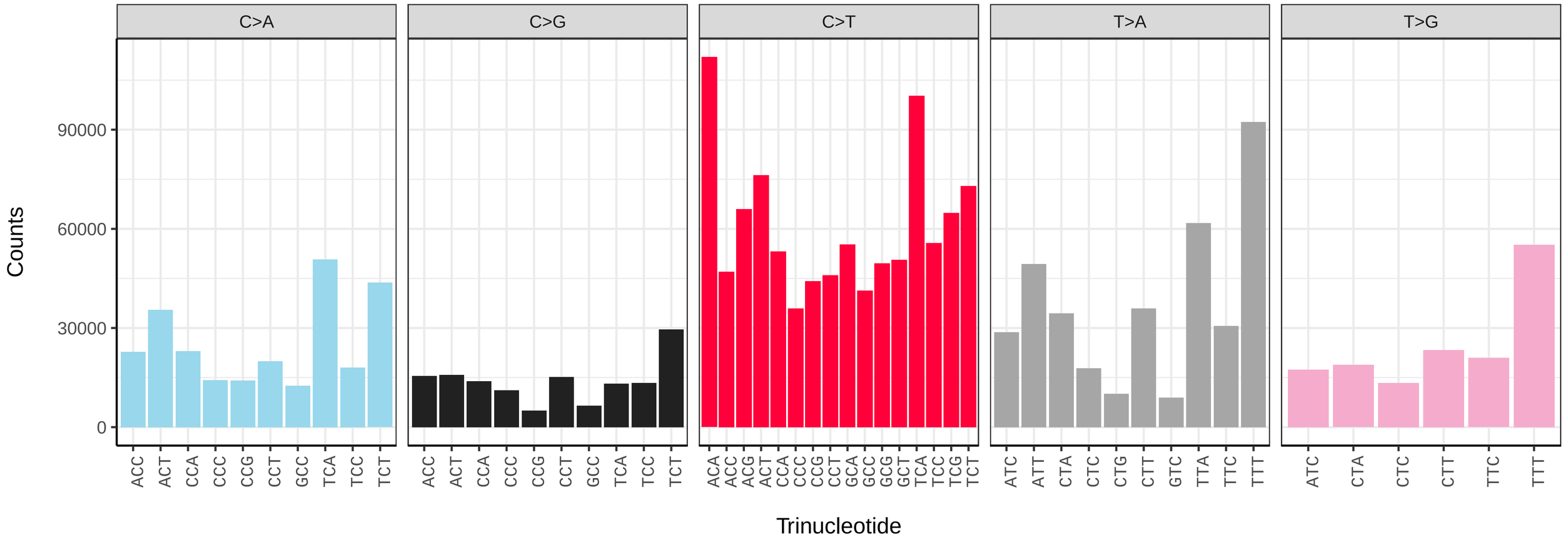
Aricia agestis (ilAriAges1.ilAriAges2) somatic mutational spectrum (SBS96 classification)



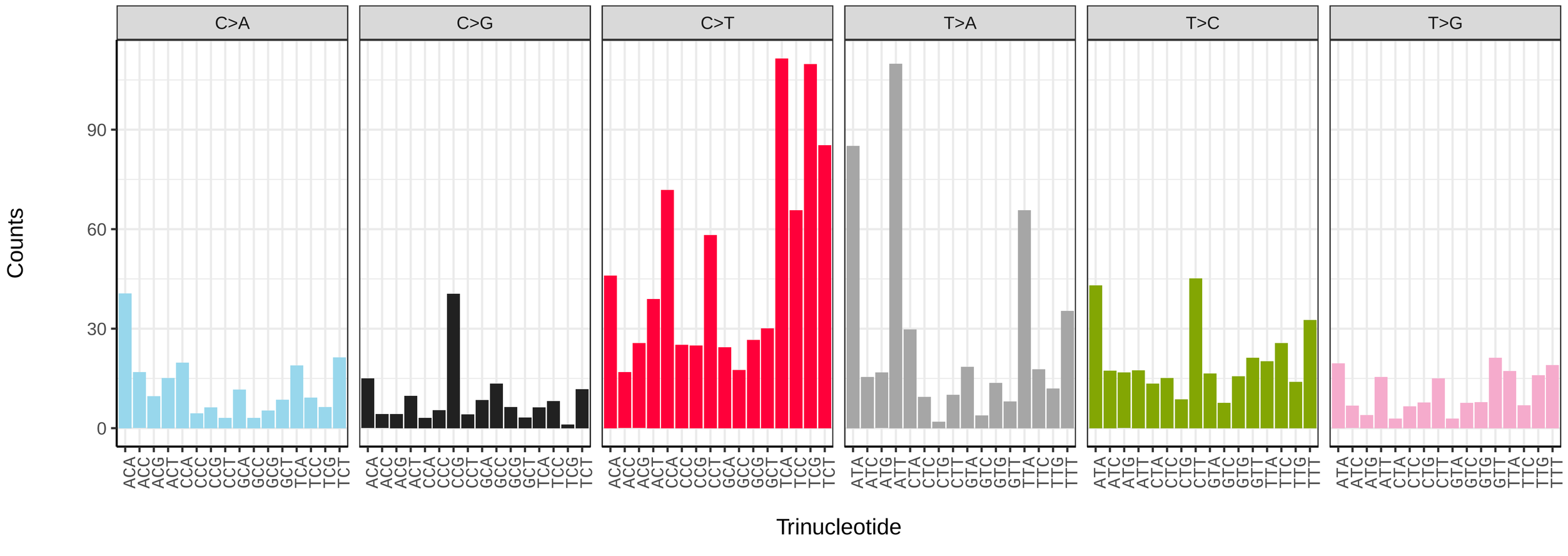
Aricia agestis (ilAriAges1.ilAriAges2) somatic mutational spectrum (SBS52 classification)



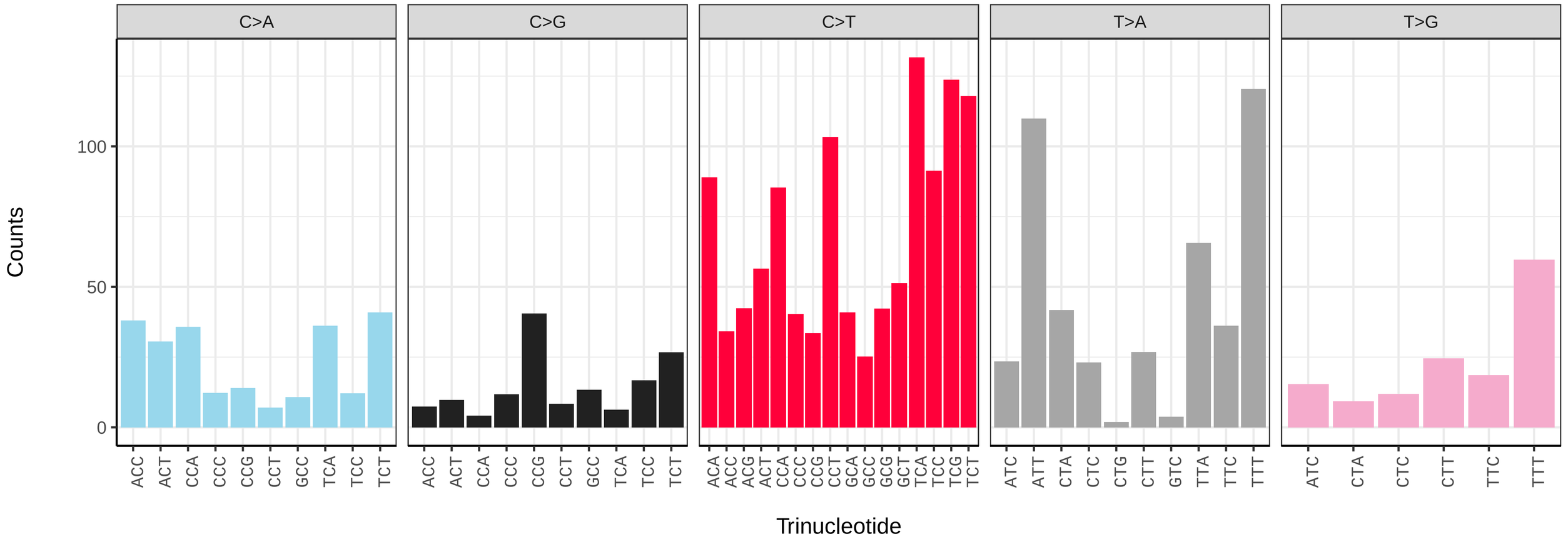
Aricia artaxerxes (ilAriArta2) germline mutational spectrum



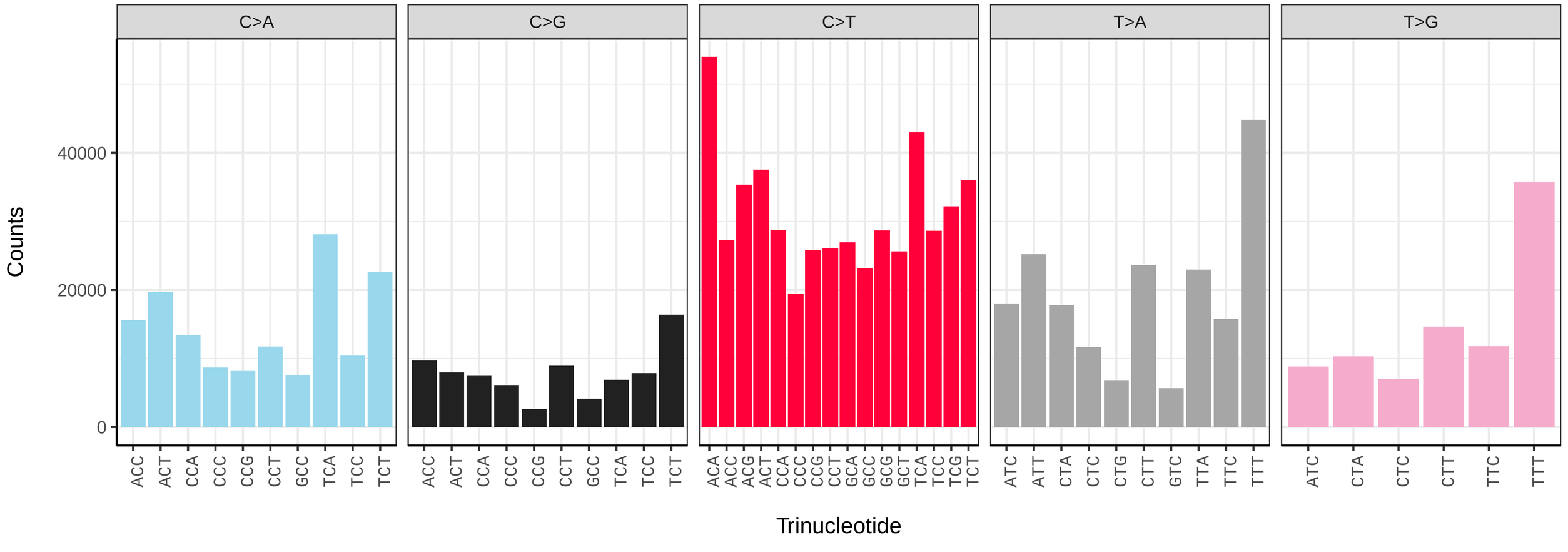
Aricia artaxerxes (ilAriArta2) somatic mutational spectrum (SBS96 classification)



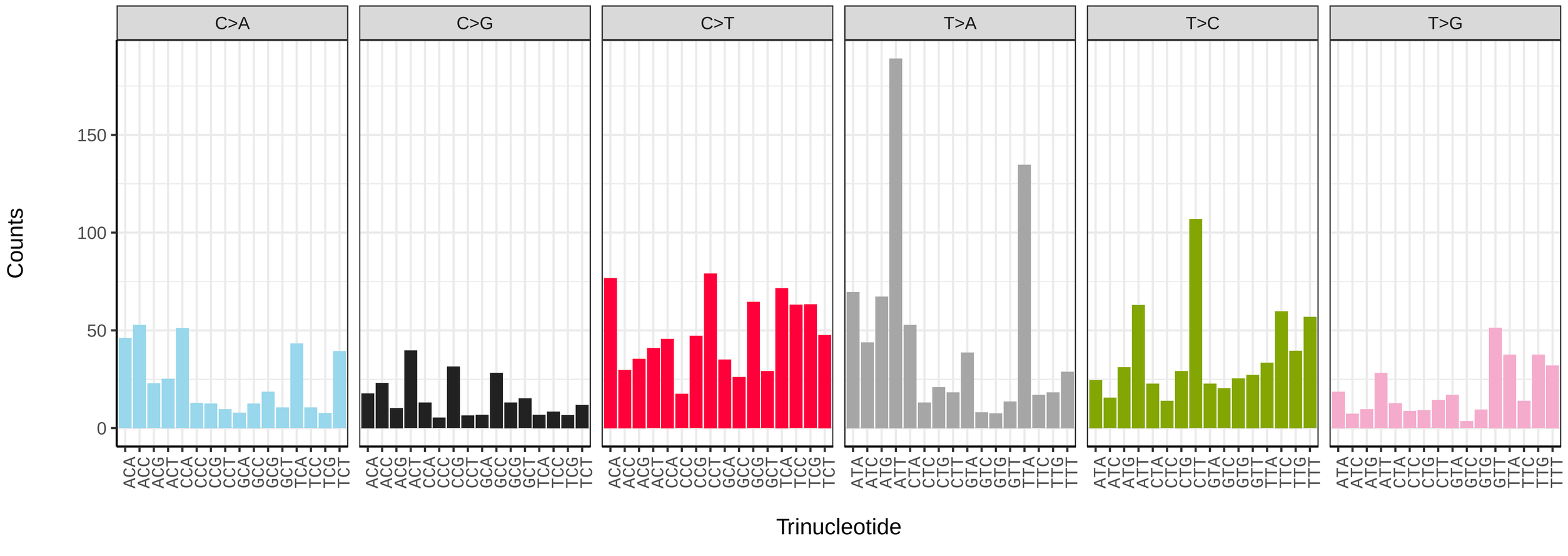
Aricia artaxerxes (ilAriArta2) somatic mutational spectrum (SBS52 classification)



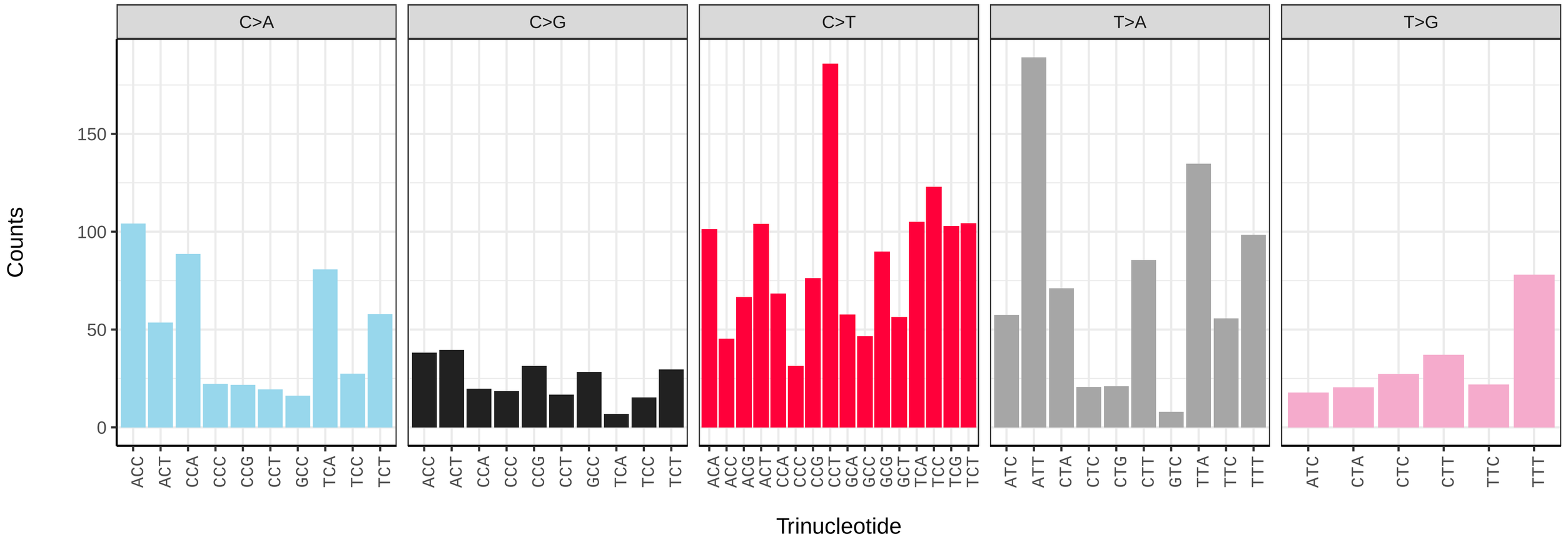
Atethmia centrago (ilAteCent1) germline mutational spectrum



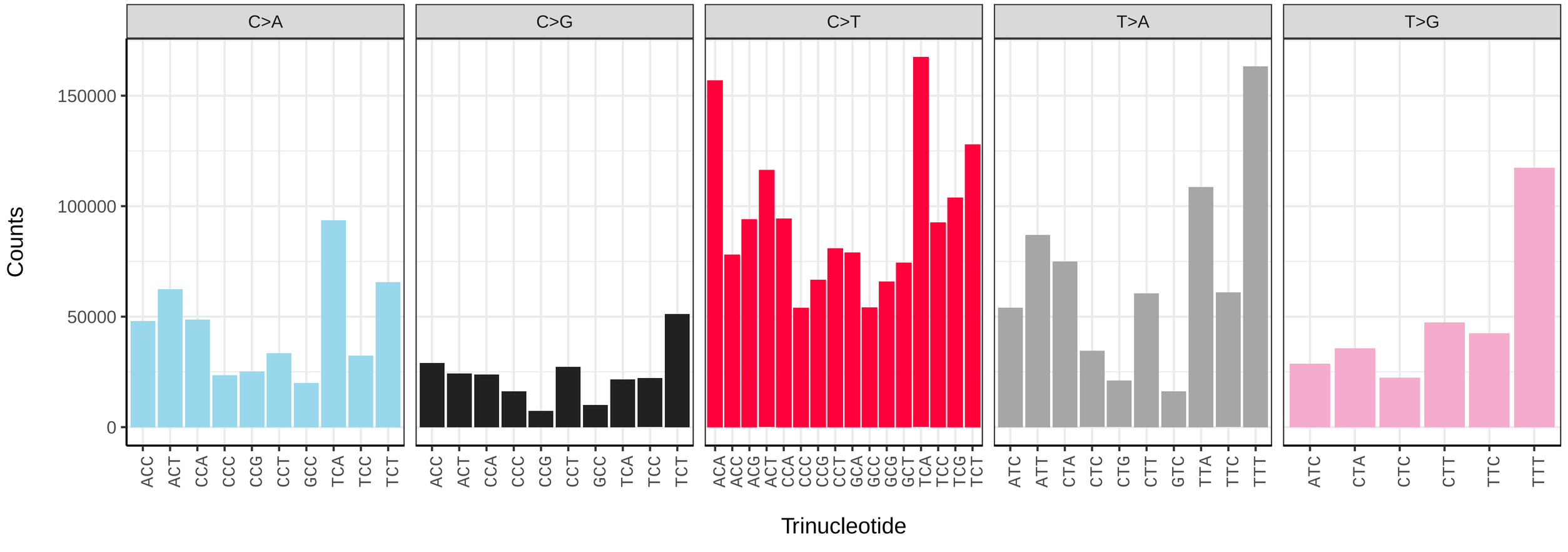
Atethmia centrago (ilAteCent1) somatic mutational spectrum (SBS96 classification)



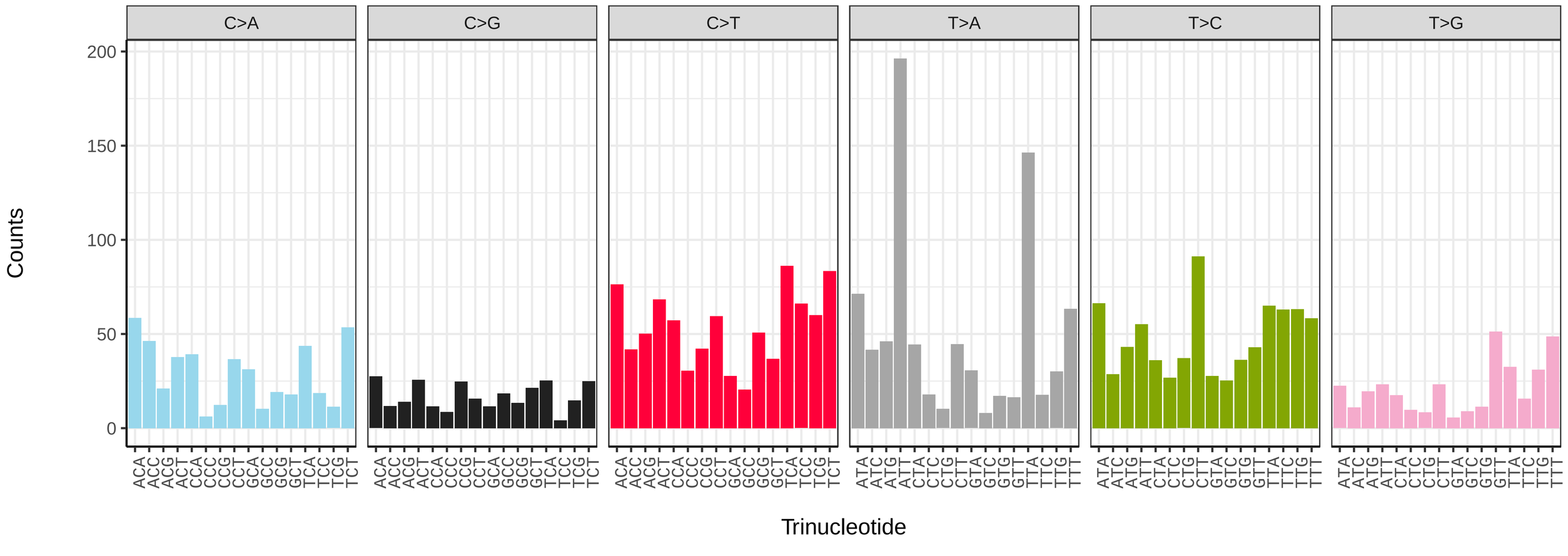
Atethmia centrago (ilAteCent1) somatic mutational spectrum (SBS52 classification)



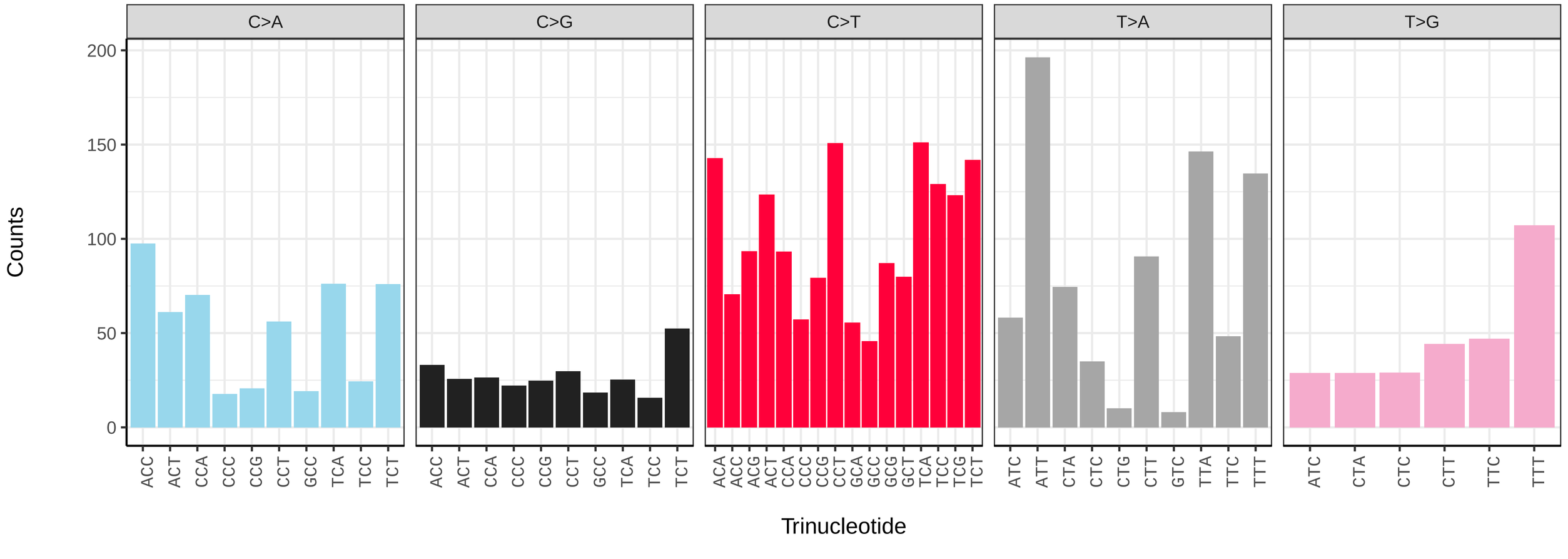
Athrips mouffetella (ilAthMouf1) germline mutational spectrum



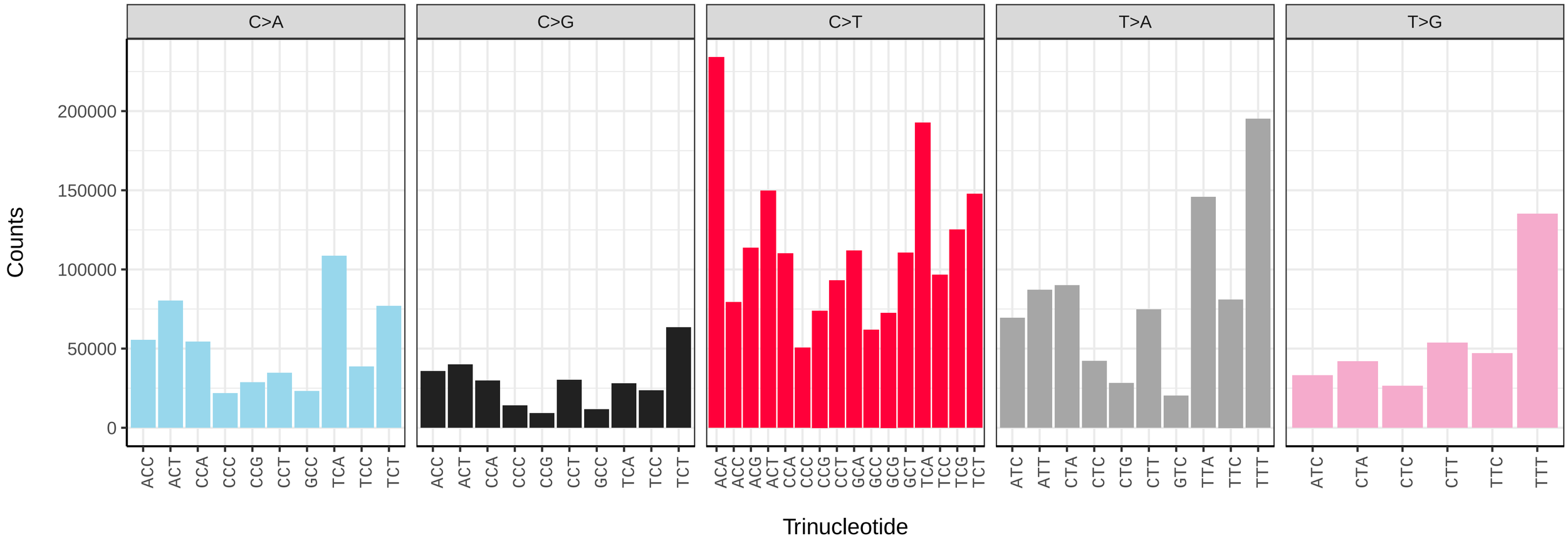
Athrips mouffetella (ilAthMouf1) somatic mutational spectrum (SBS96 classification)



Athrips mouffetella (ilAthMouf1) somatic mutational spectrum (SBS52 classification)



Autographa gamma (ilAutGamm1) germline mutational spectrum



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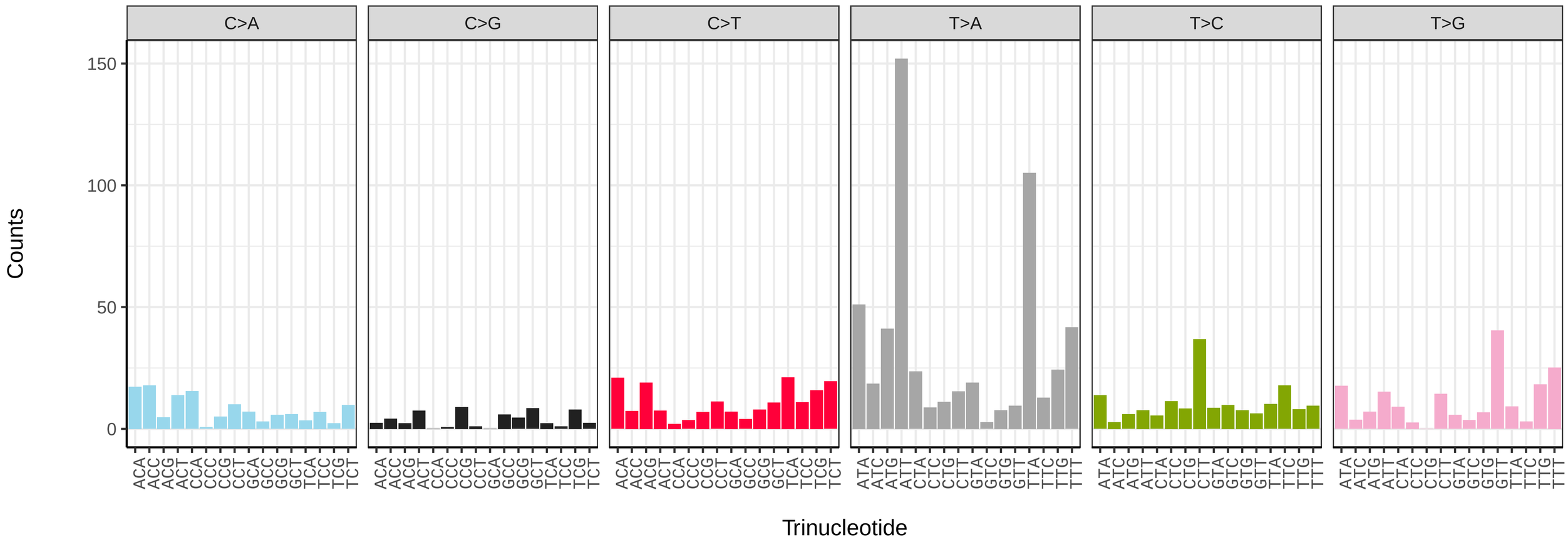

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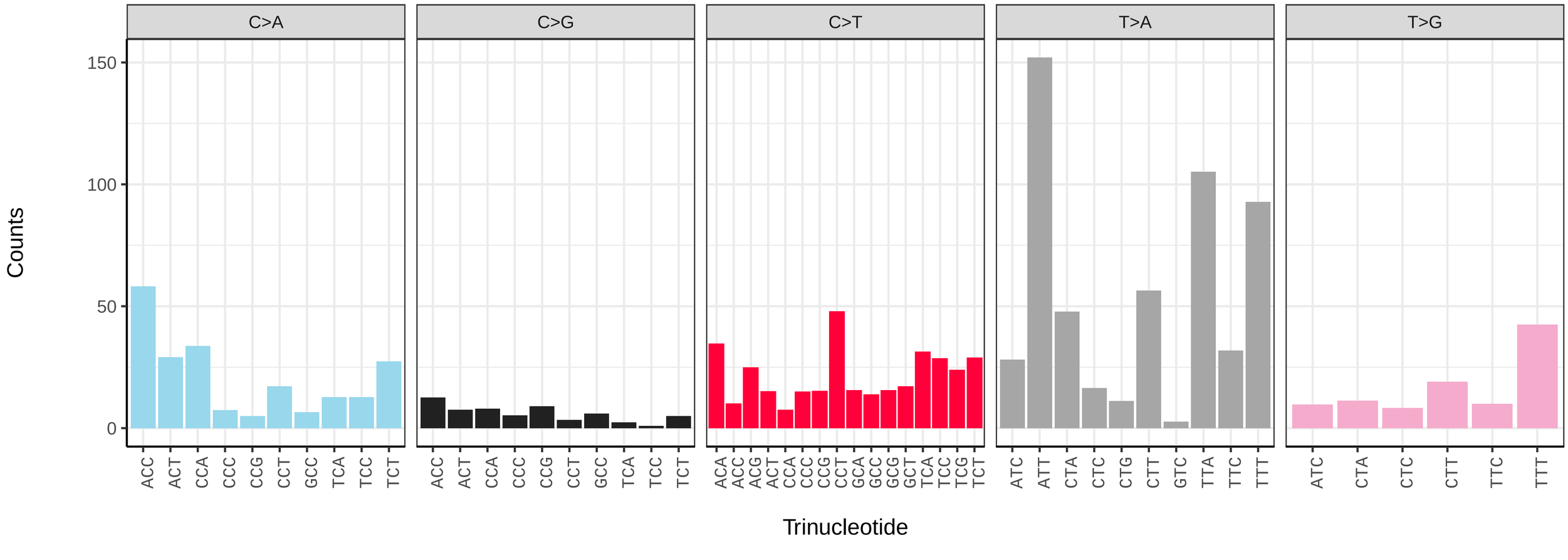
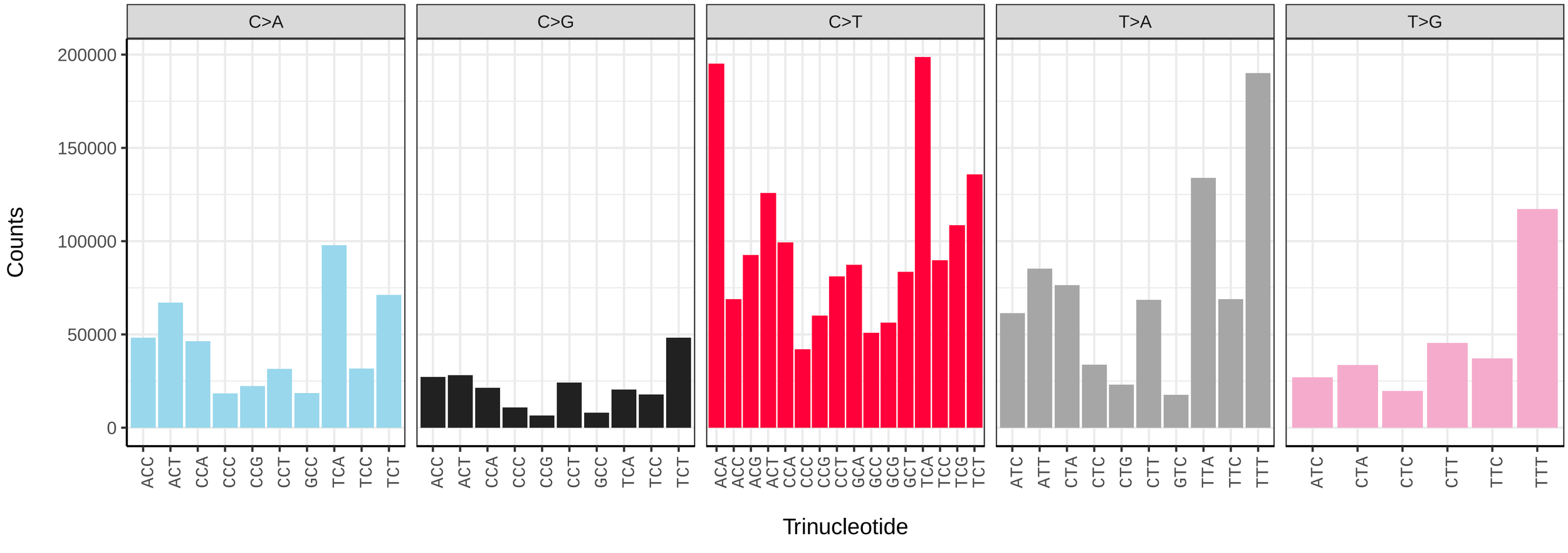
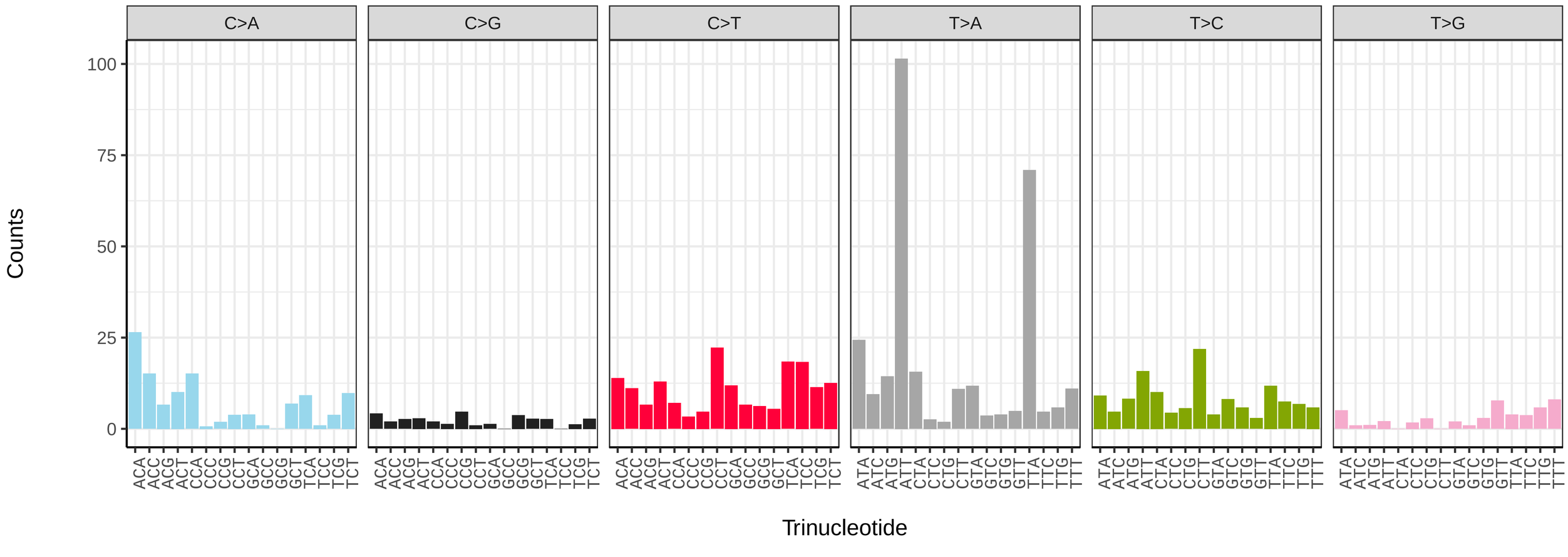


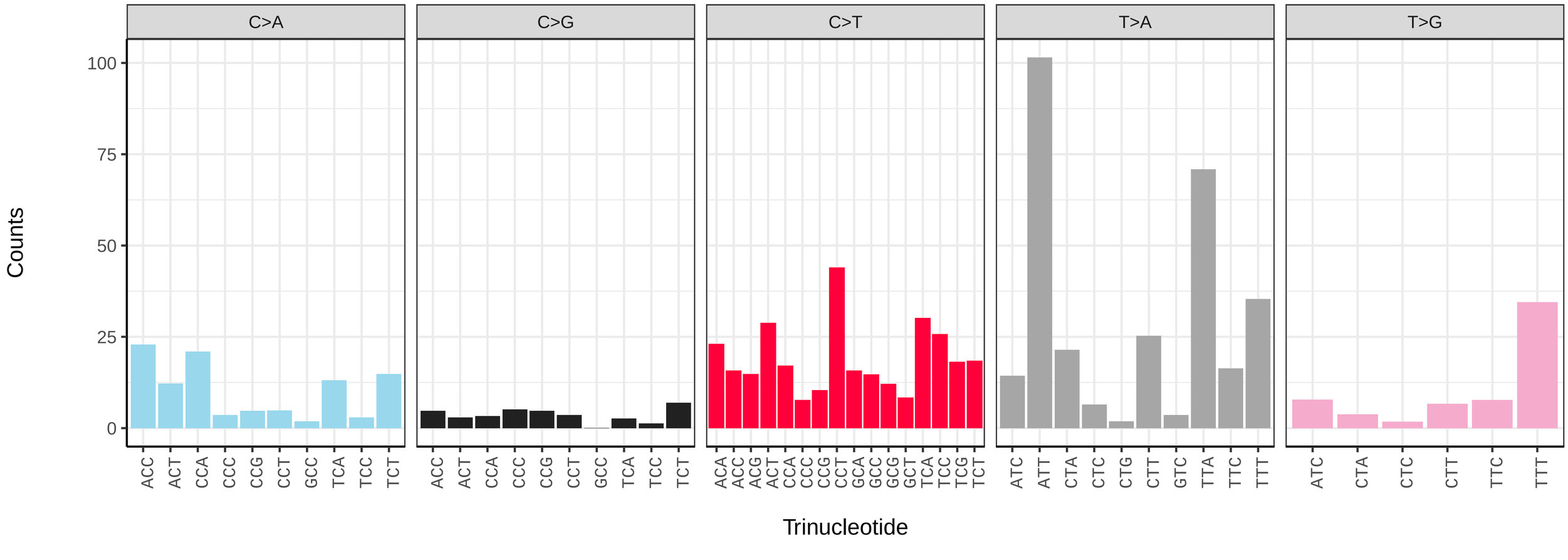
Autographa pulchrina (ilAutPulc1) germline mutational spectrum



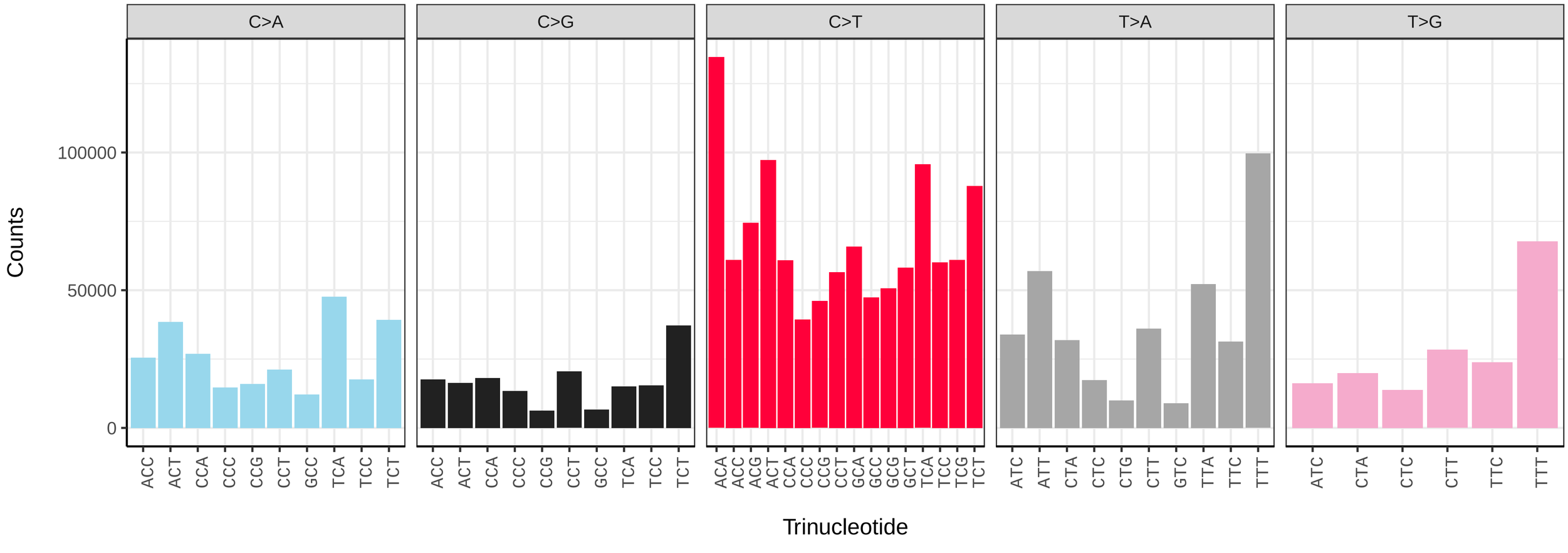
Autographa pulchrina (ilAutPulc1) somatic mutational spectrum (SBS96 classification)



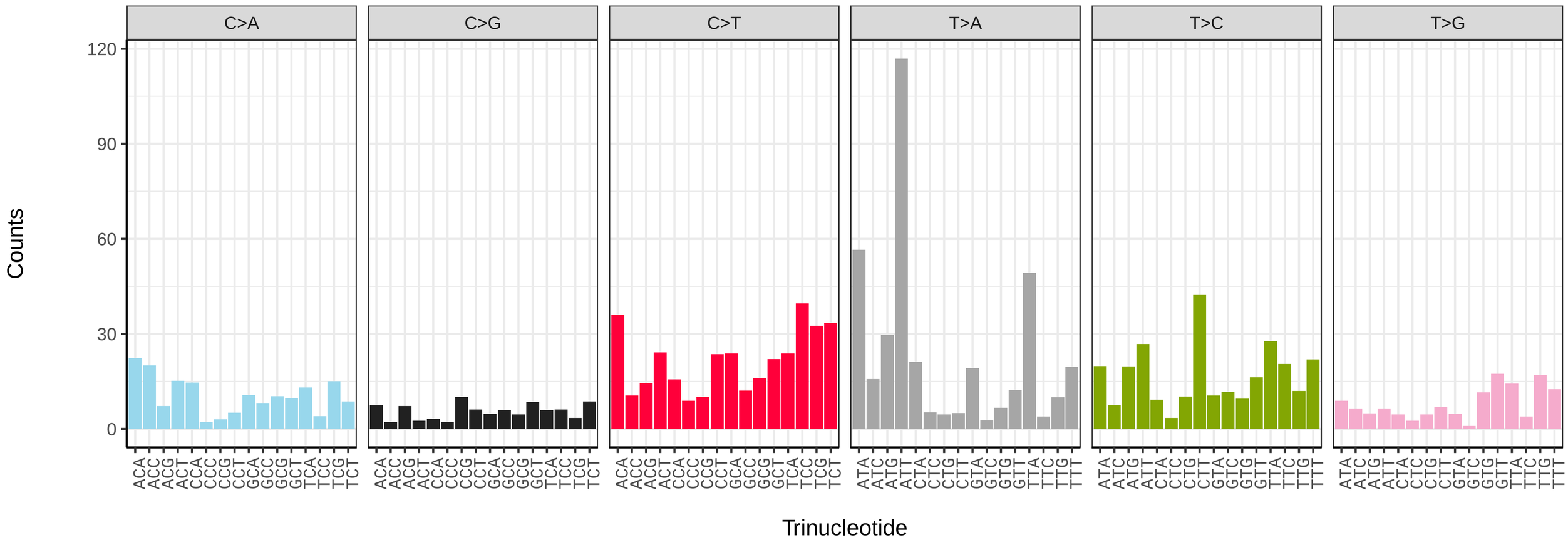
Autographa pulchrina (ilAutPulc1) somatic mutational spectrum (SBS52 classification)



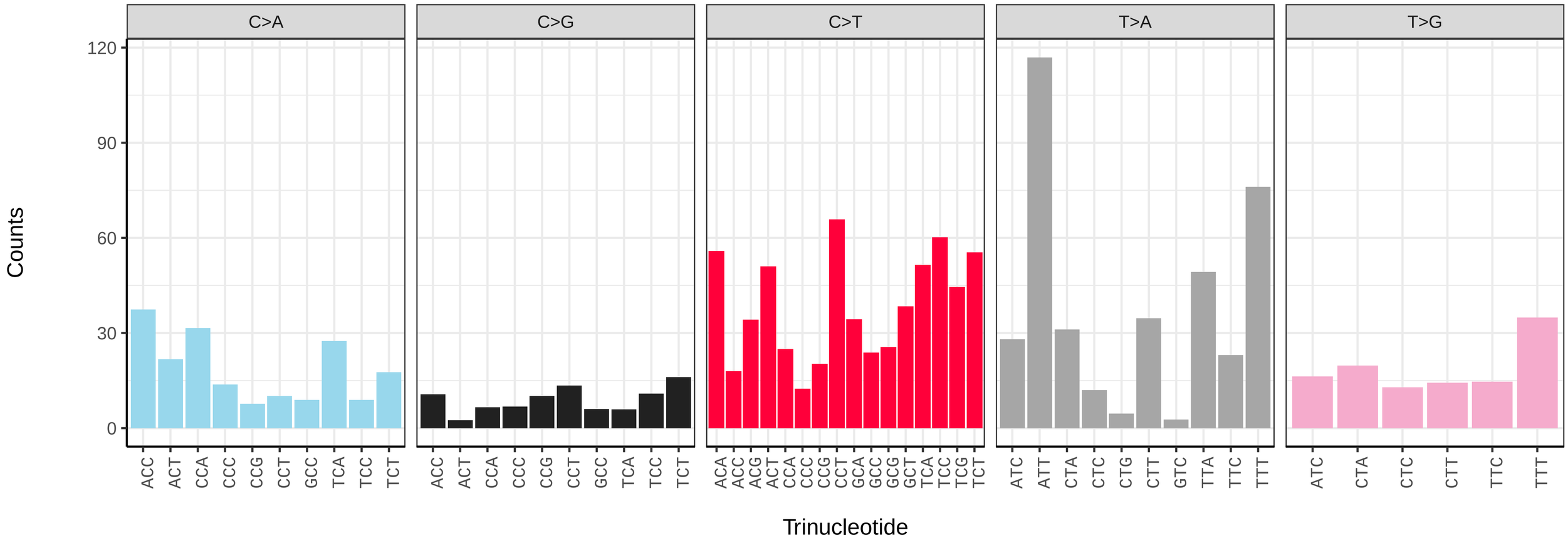
Bembecia ichneumoniformis (ilBemIchn1) germline mutational spectrum



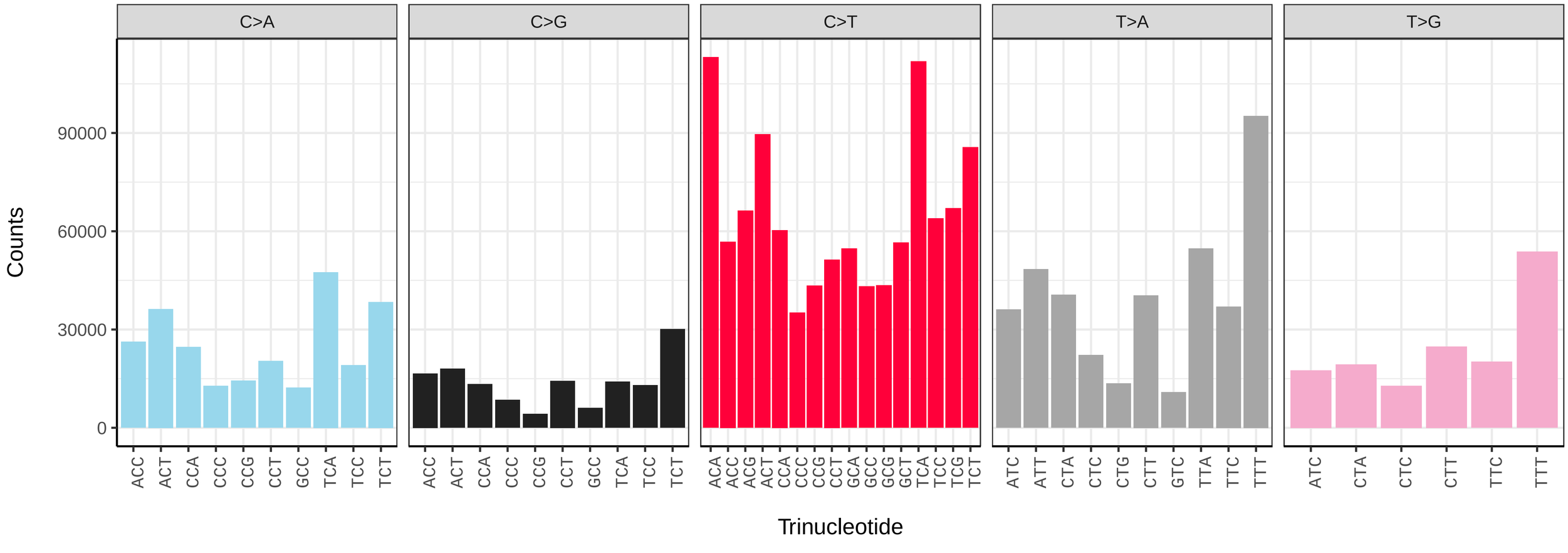
Bembecia ichneumoniformis (ilBemIchn1) somatic mutational spectrum (SBS96 classification)



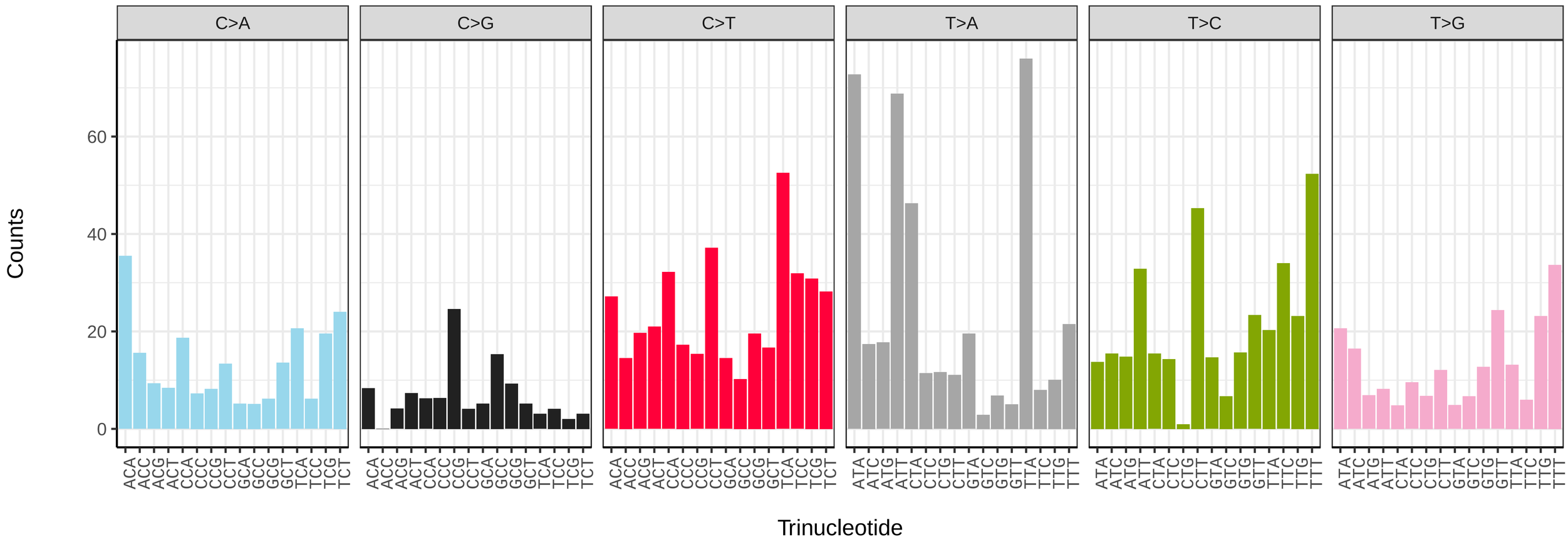
Bembecia ichneumoniformis (ilBemIchn1) somatic mutational spectrum (SBS52 classification)



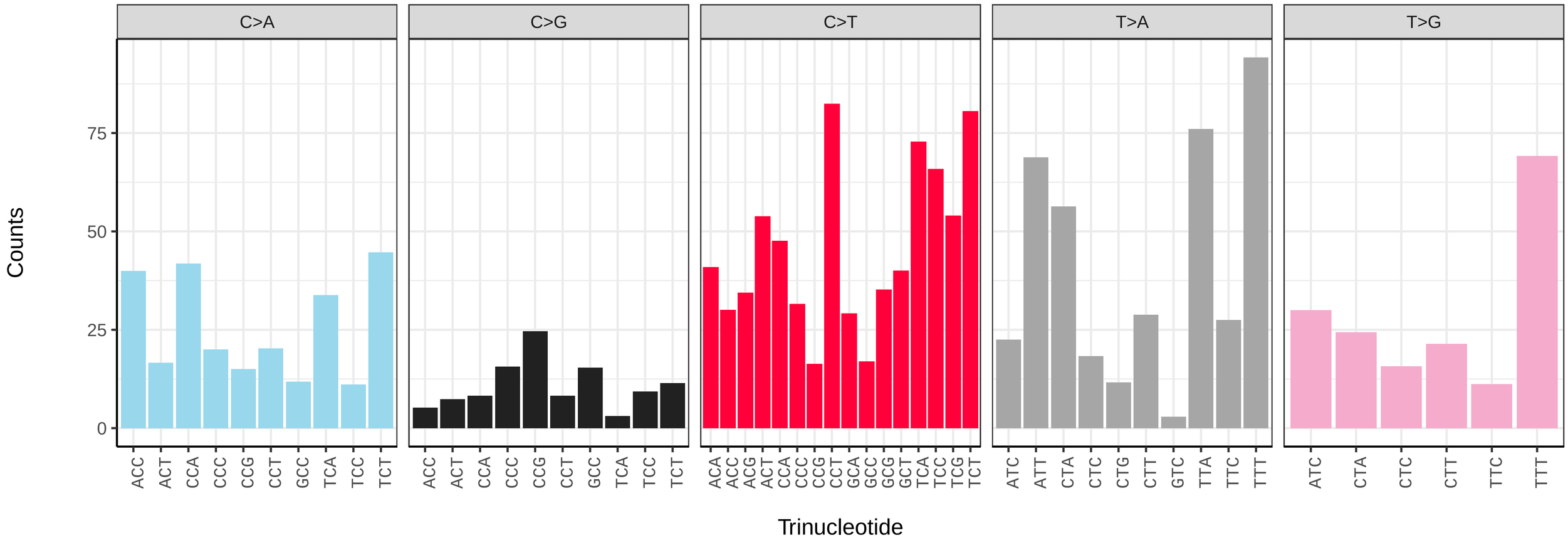
Bicyclus anynana (ilBicAnyn1) germline mutational spectrum



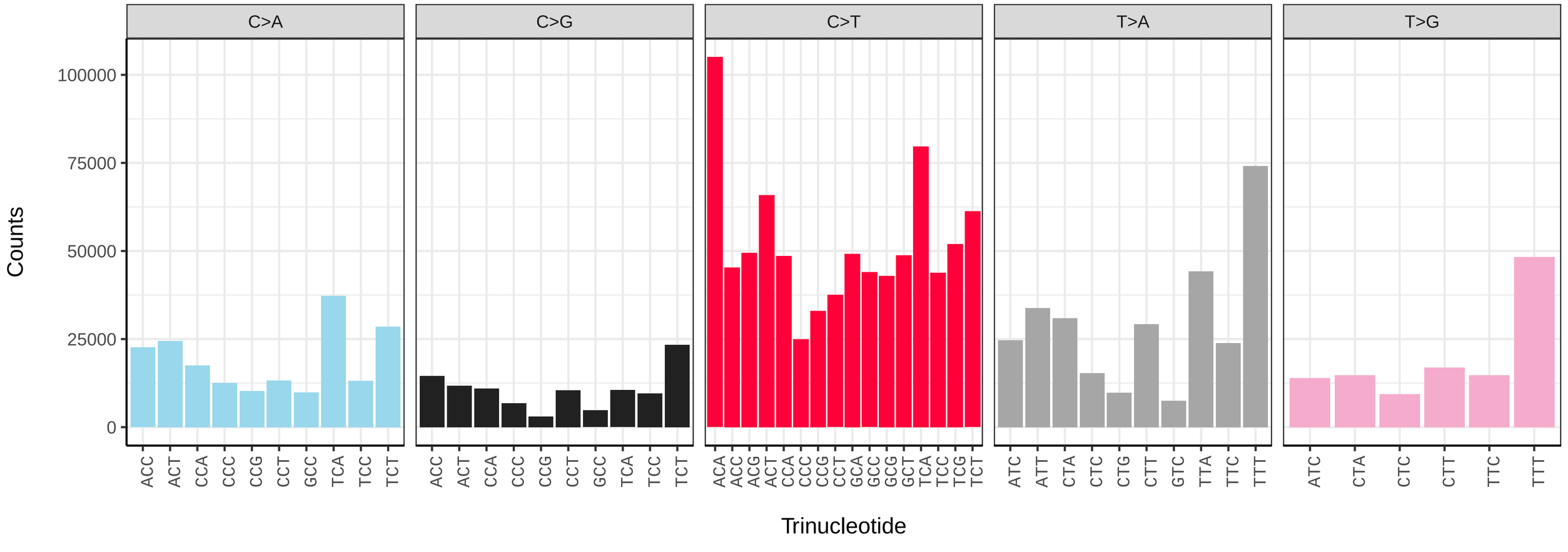
Bicyclus anynana (ilBicAnyn1) somatic mutational spectrum (SBS96 classification)



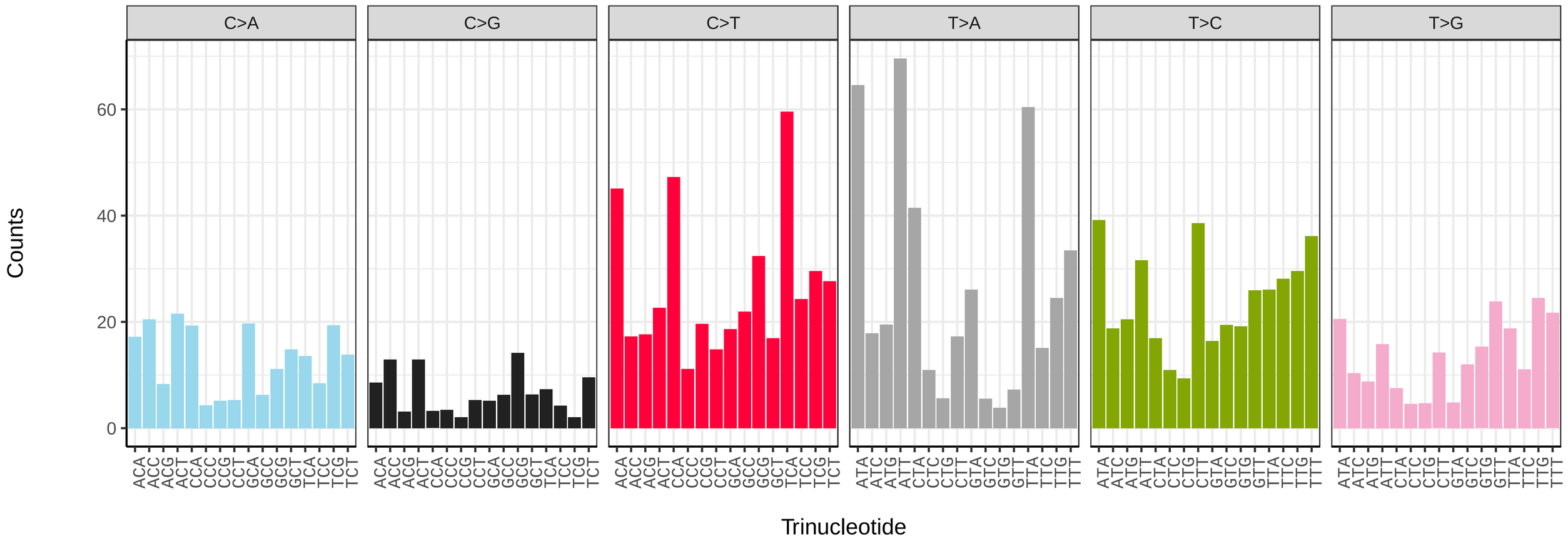
Bicyclus anynana (ilBicAnyn1) somatic mutational spectrum (SBS52 classification)



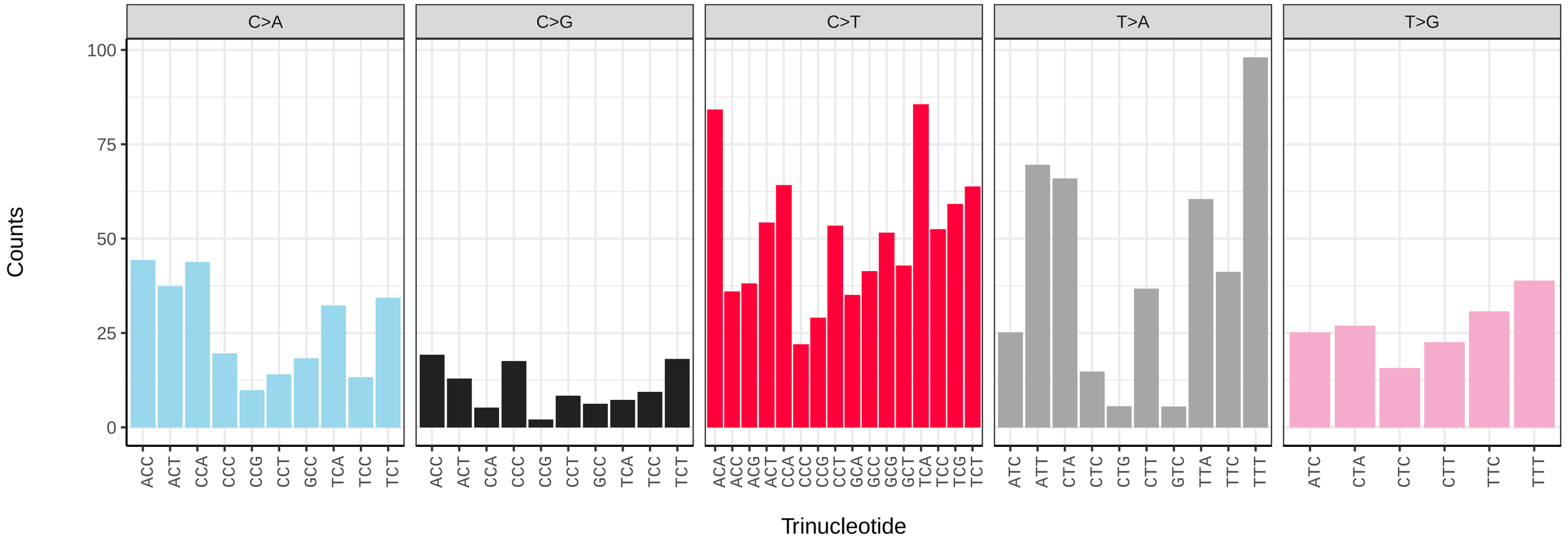
Biston betularia (ilBisBetu1) germline mutational spectrum



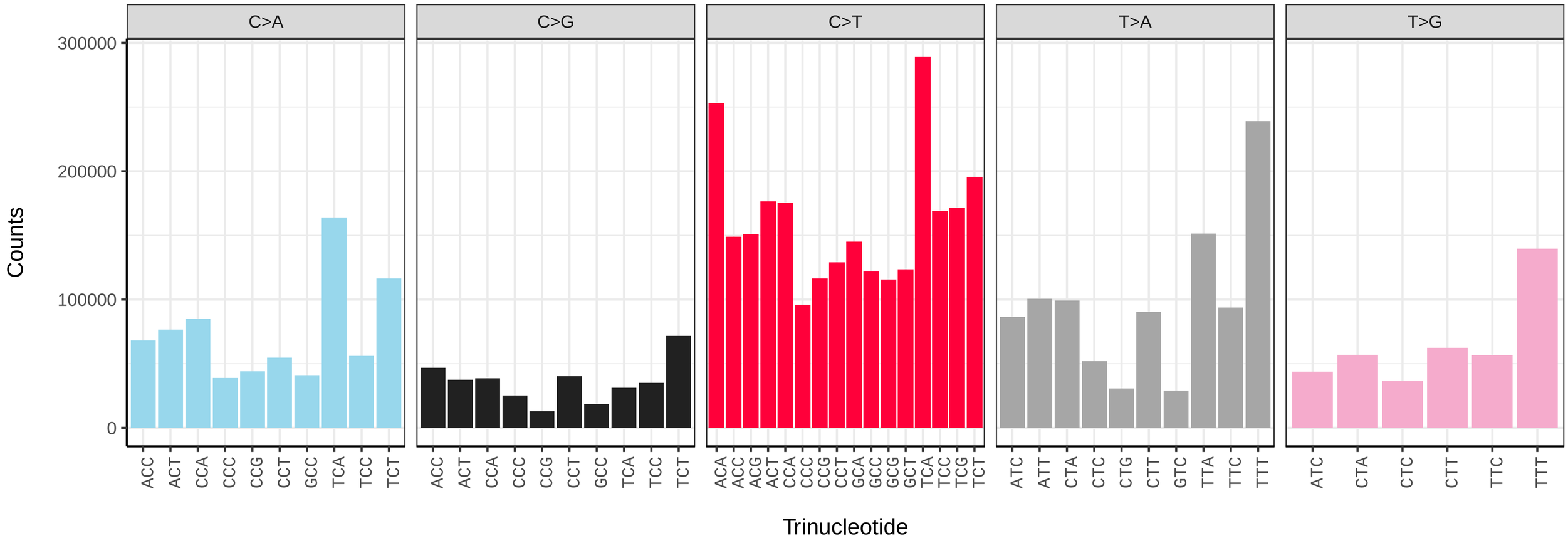
Biston betularia (ilBisBetu1) somatic mutational spectrum (SBS96 classification)



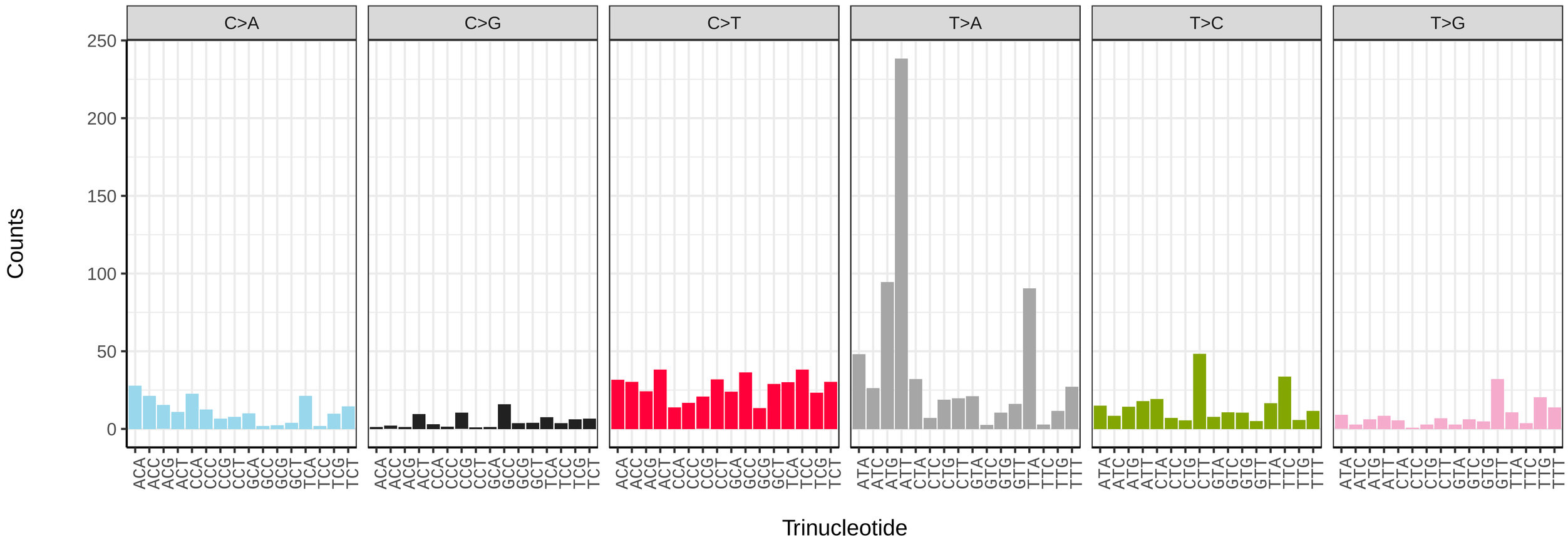
Biston betularia (ilBisBetu1) somatic mutational spectrum (SBS52 classification)



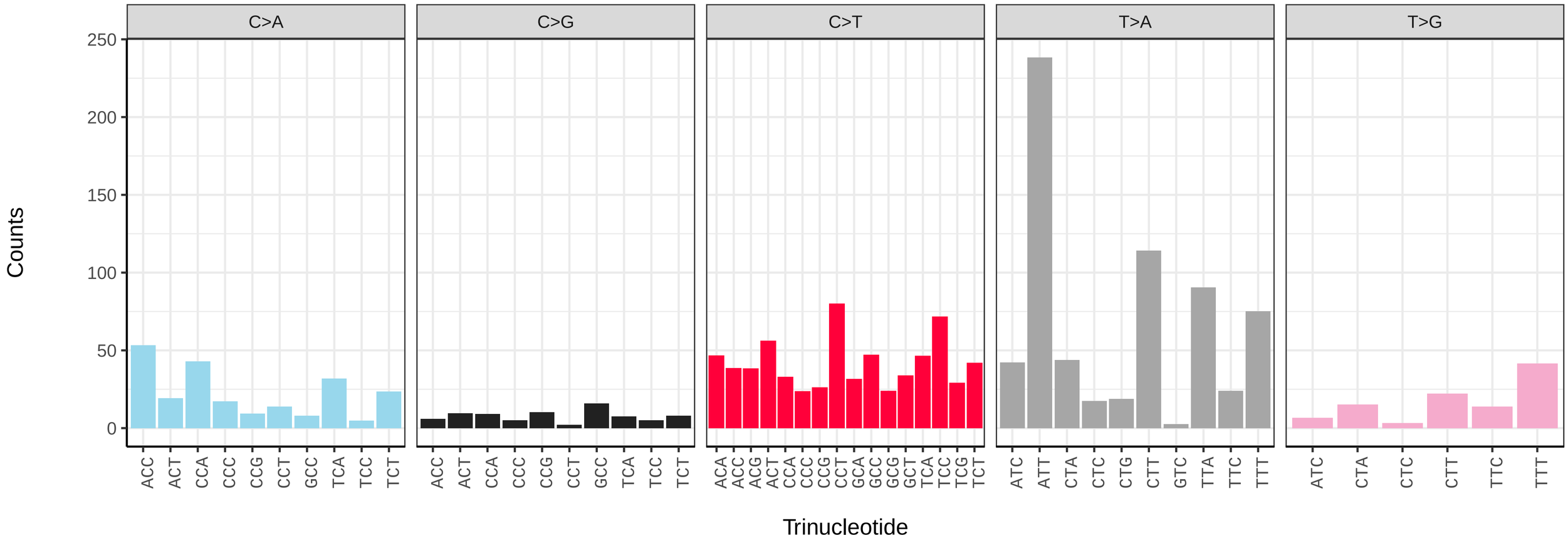
Blastobasis adustella (ilBlaAdus2) germline mutational spectrum



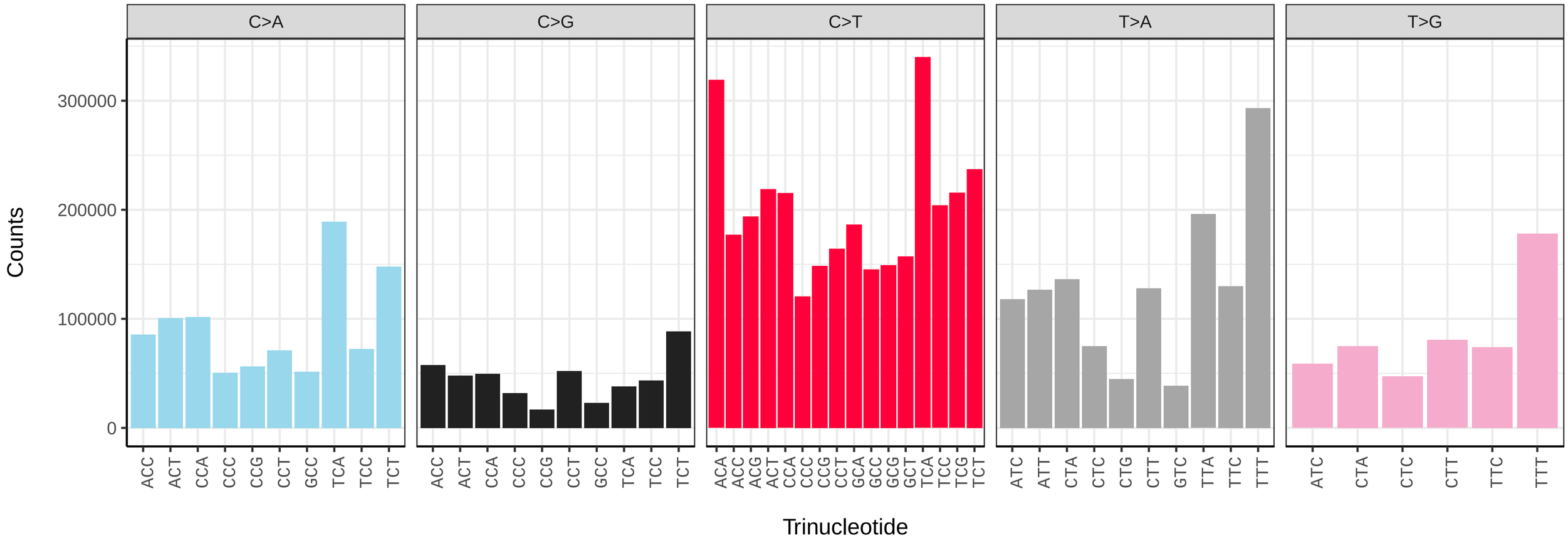
Blastobasis adustella (ilBlaAdus2) somatic mutational spectrum (SBS96 classification)



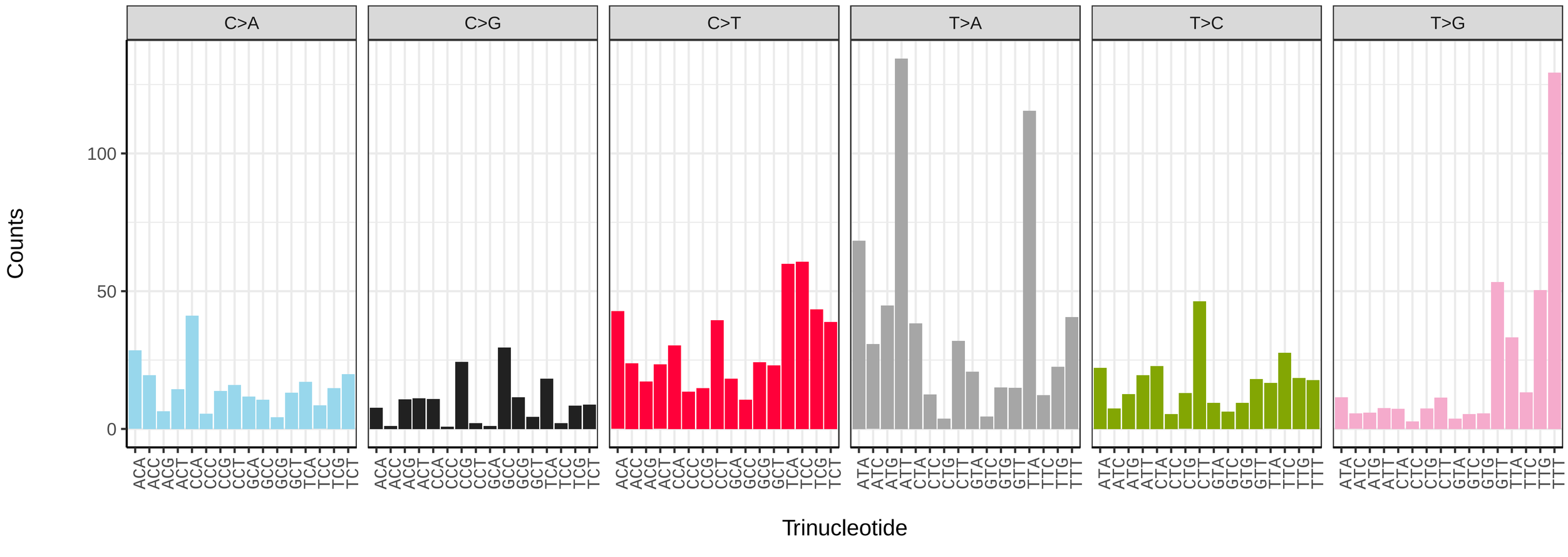
Blastobasis adustella (ilBlaAdus2) somatic mutational spectrum (SBS52 classification)



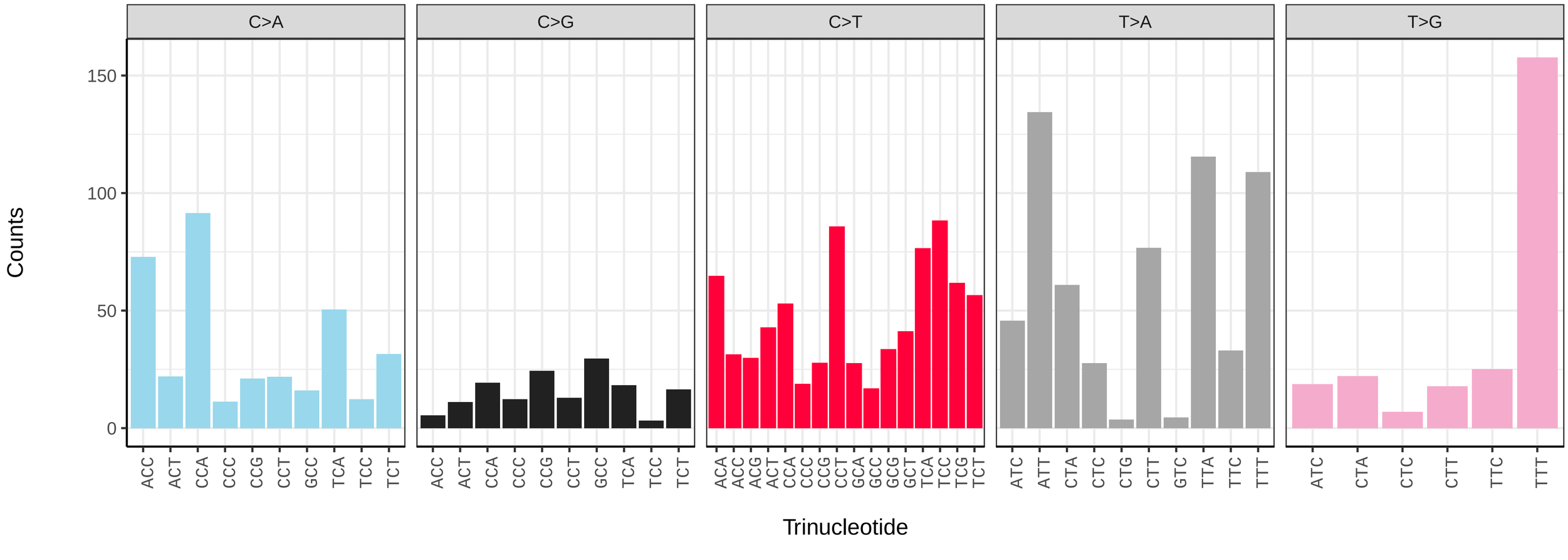
Blastobasis lacticolella (ilBlaLact1) germline mutational spectrum



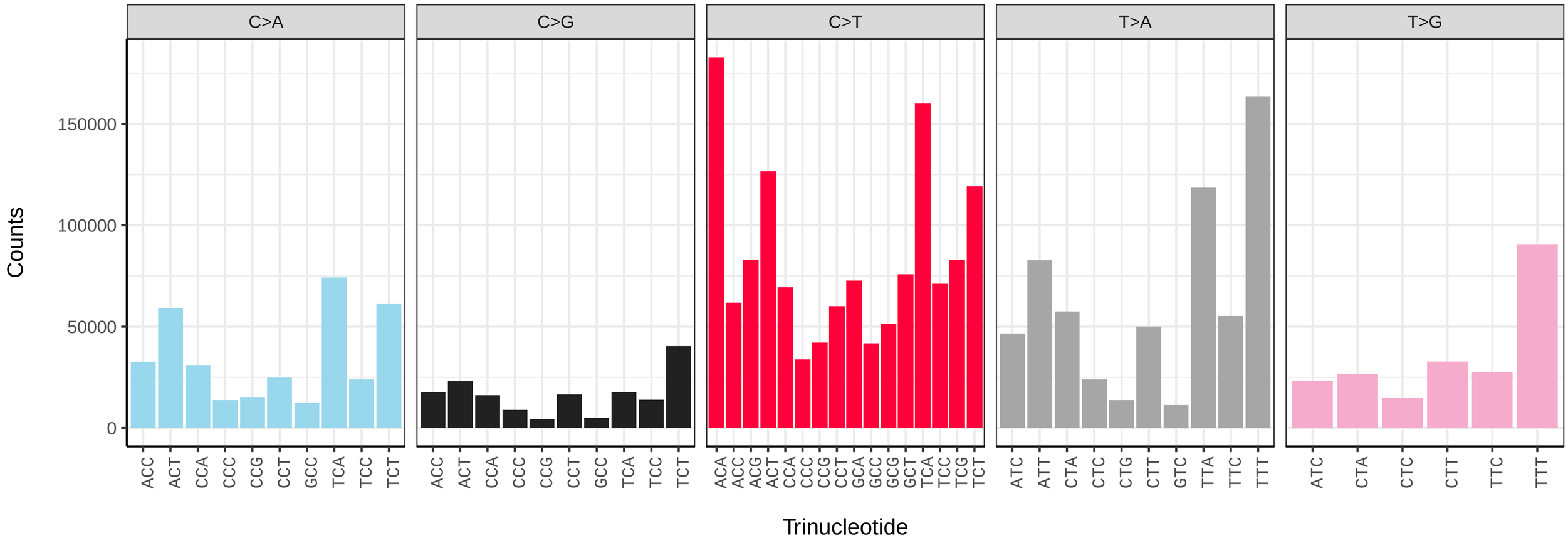
Blastobasis lacticolella (ilBlaLact1) somatic mutational spectrum (SBS96 classification)



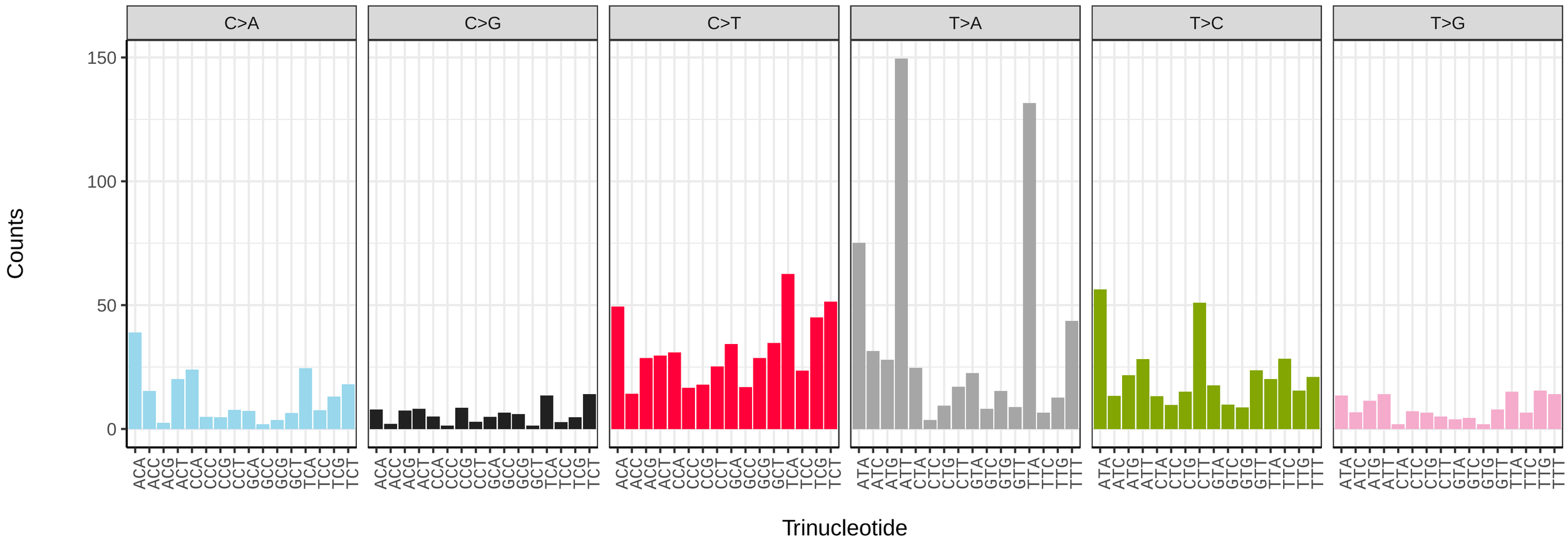
Blastobasis lacticolella (ilBlaLact1) somatic mutational spectrum (SBS52 classification)



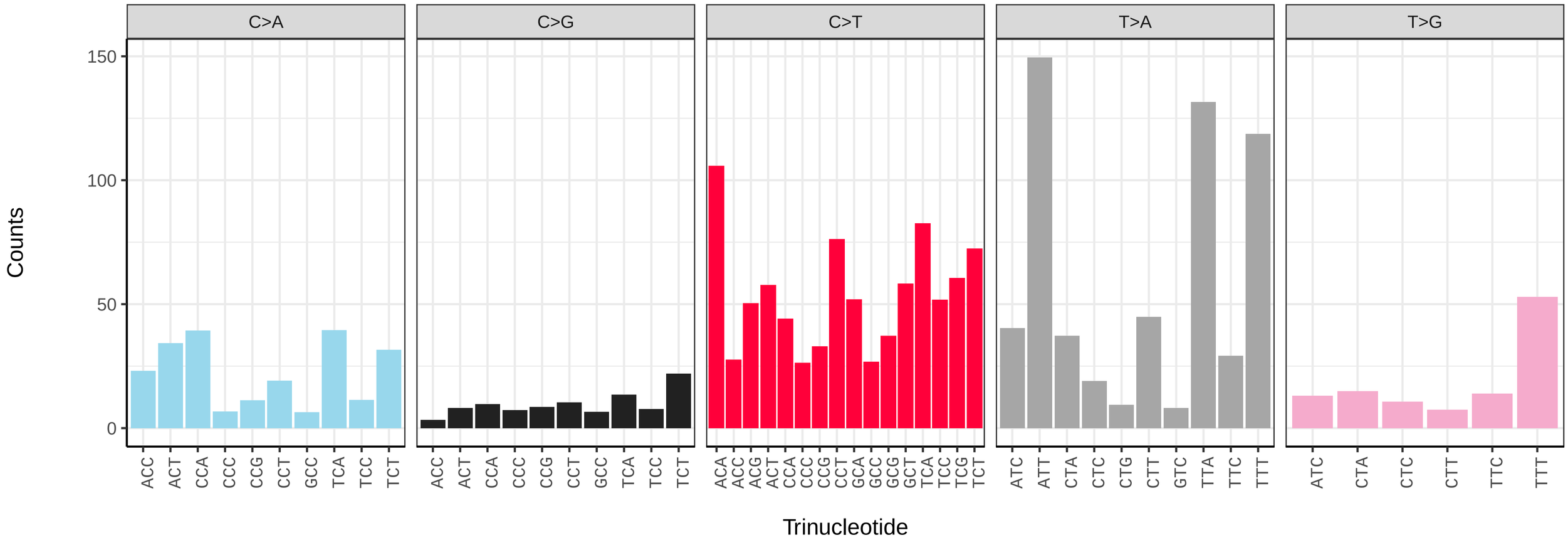
Boloria selene (ilBolSele5) germline mutational spectrum

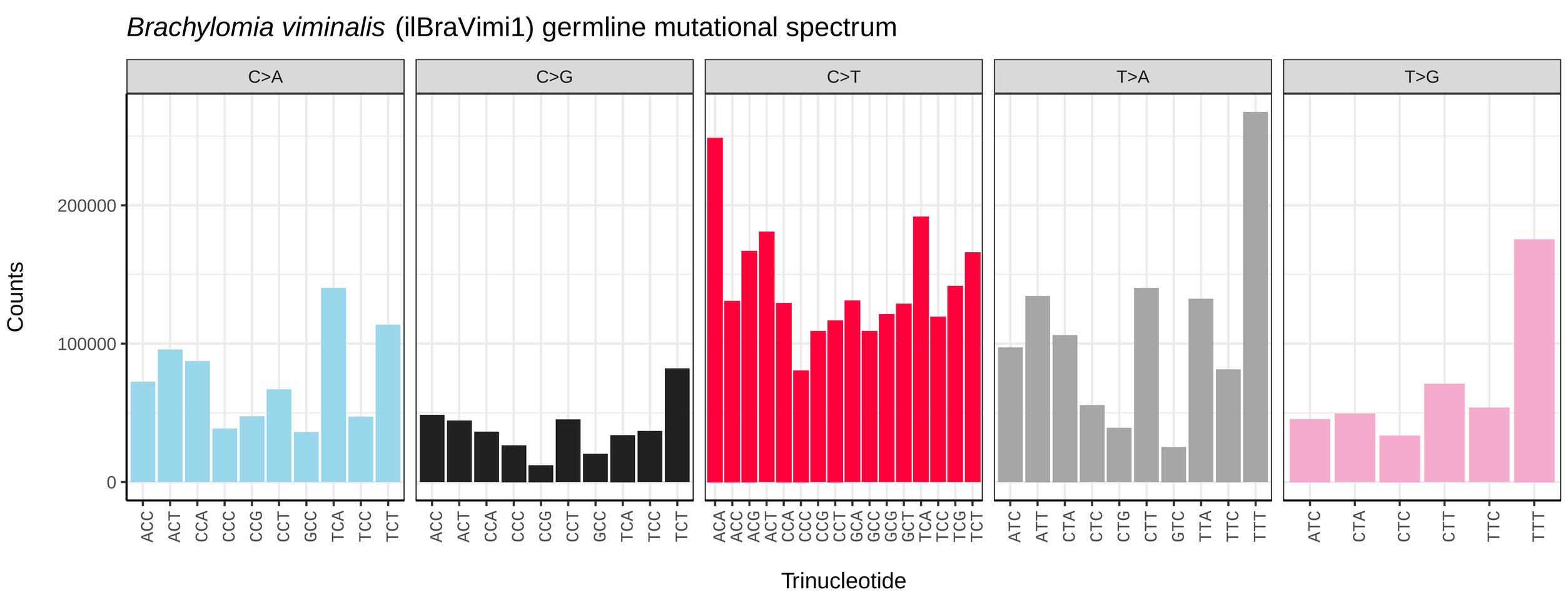


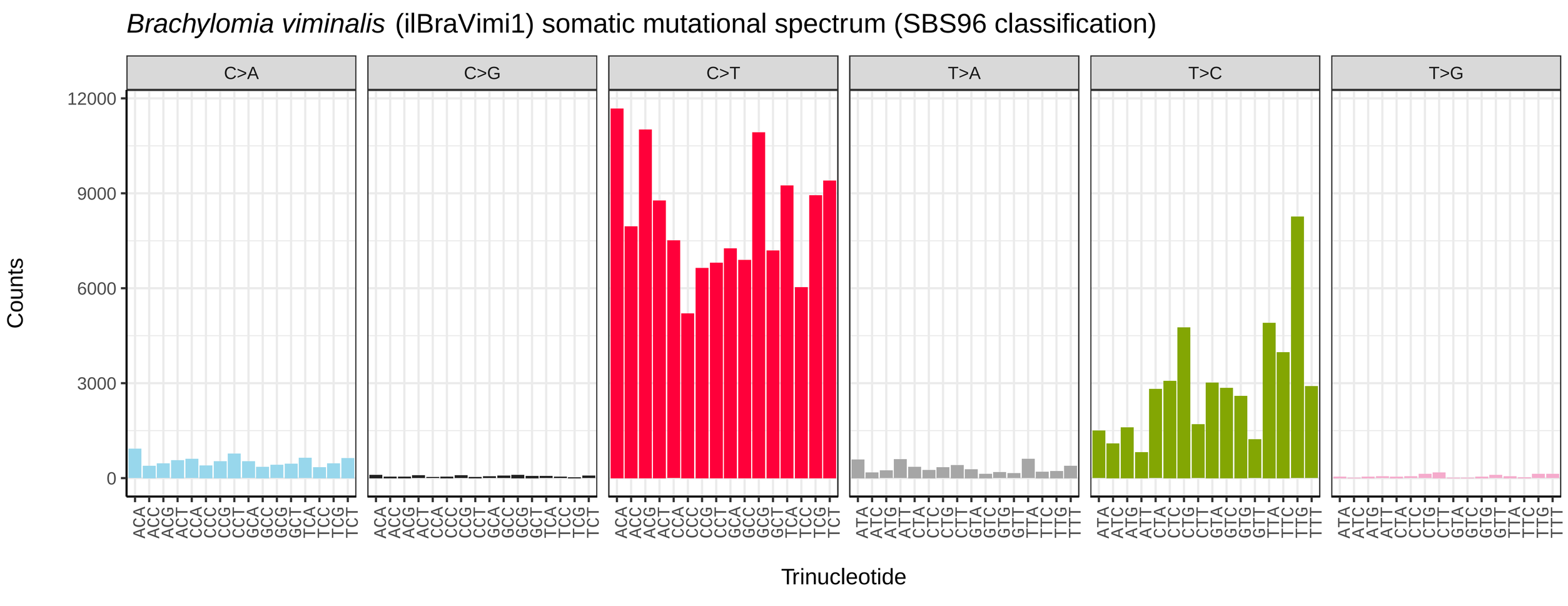
Boloria selene (ilBolSele5) somatic mutational spectrum (SBS96 classification)



Boloria selene (ilBolSele5) somatic mutational spectrum (SBS52 classification)




Brachylomia viminalis (ilBraVimi1) germline mutational spectrum
C>A
C>G
C>T
T>A
T>G
Counts
200000
100000
0
ACC ACT CCA CCC CCG CCT GCC TCA TCC TCT
ACC ACT CCA CCC CCG CCT GCC TCA TCC TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATC ATT CTA CTC CTG CTT GTC TTA TTC TTT
ATC CTA CTC CTT TTC TTT
Trinucleotide


Brachylomia viminalis (ilBraVimi1) somatic mutational spectrum (SBS96 classification)
C>A
C>G
C>T
T>A
T>C
T>G
Counts
12000
9000
6000
3000
0
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
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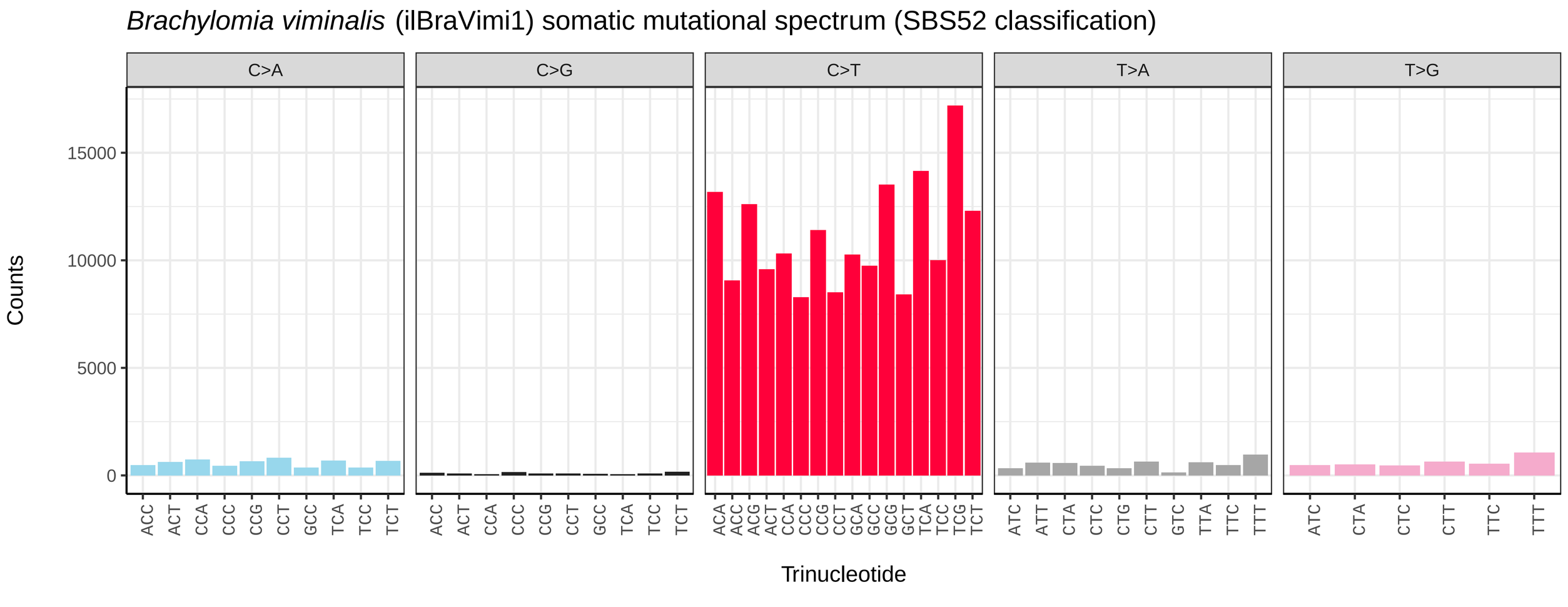
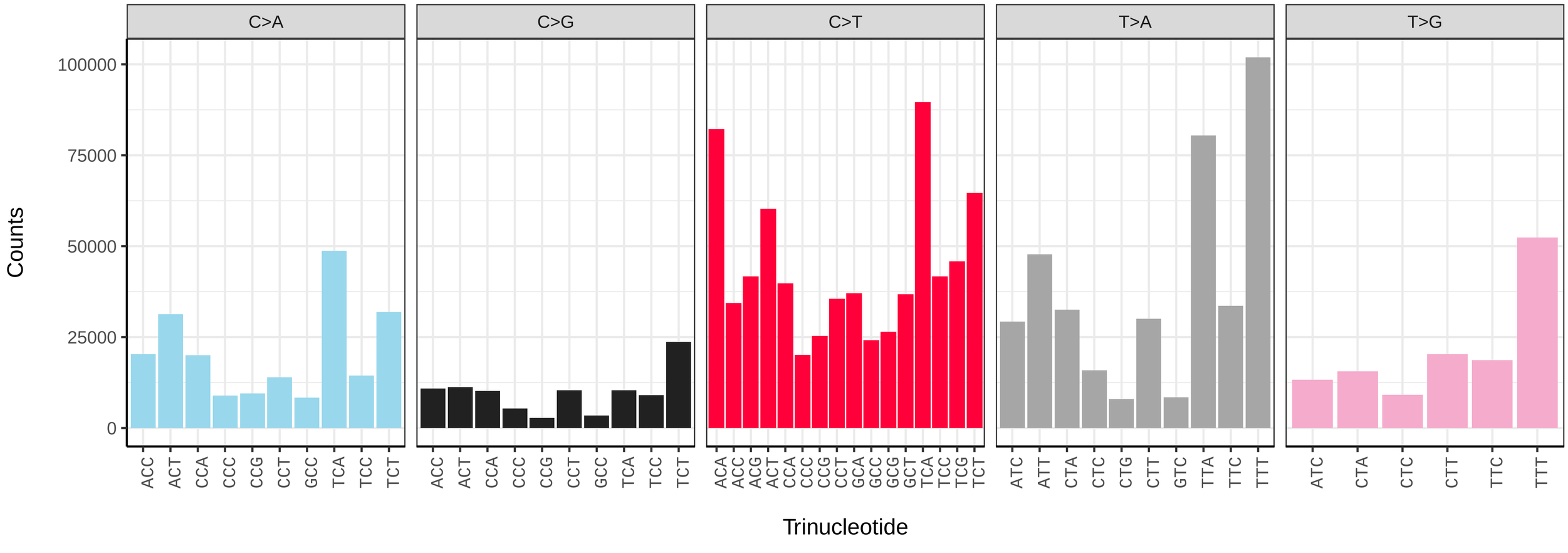
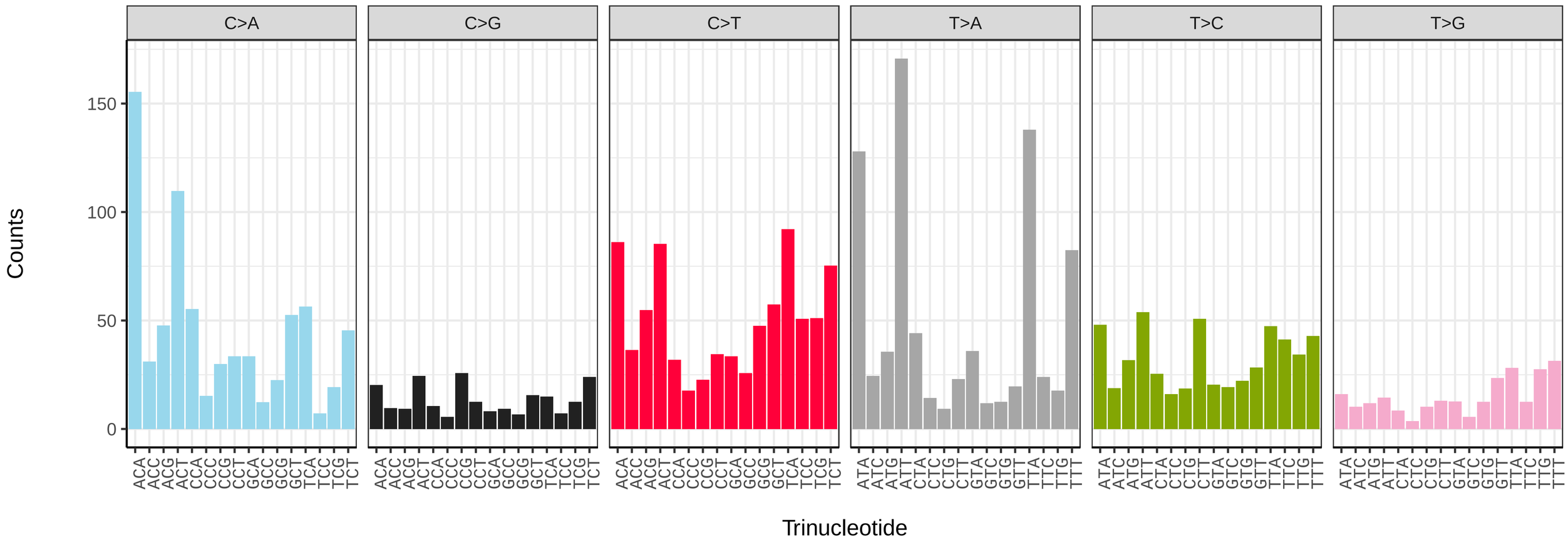
Trinucleotide


Brachylomia viminalis (ilBraVimi1) somatic mutational spectrum (SBS52 classification)
C>A
C>G
C>T
T>A
T>G
Counts
15000
10000
5000
0
ACC ACT CCA CCC CCG CCT GCC TCA TCC TCT
ACC ACT CCA CCC CCG CCT GCC TCA TCC TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATC ATT CTA CTC CTG CTT GTC TTA TTC TTT
ATC CTA CTC CTT TTC TTT
Trinucleotide

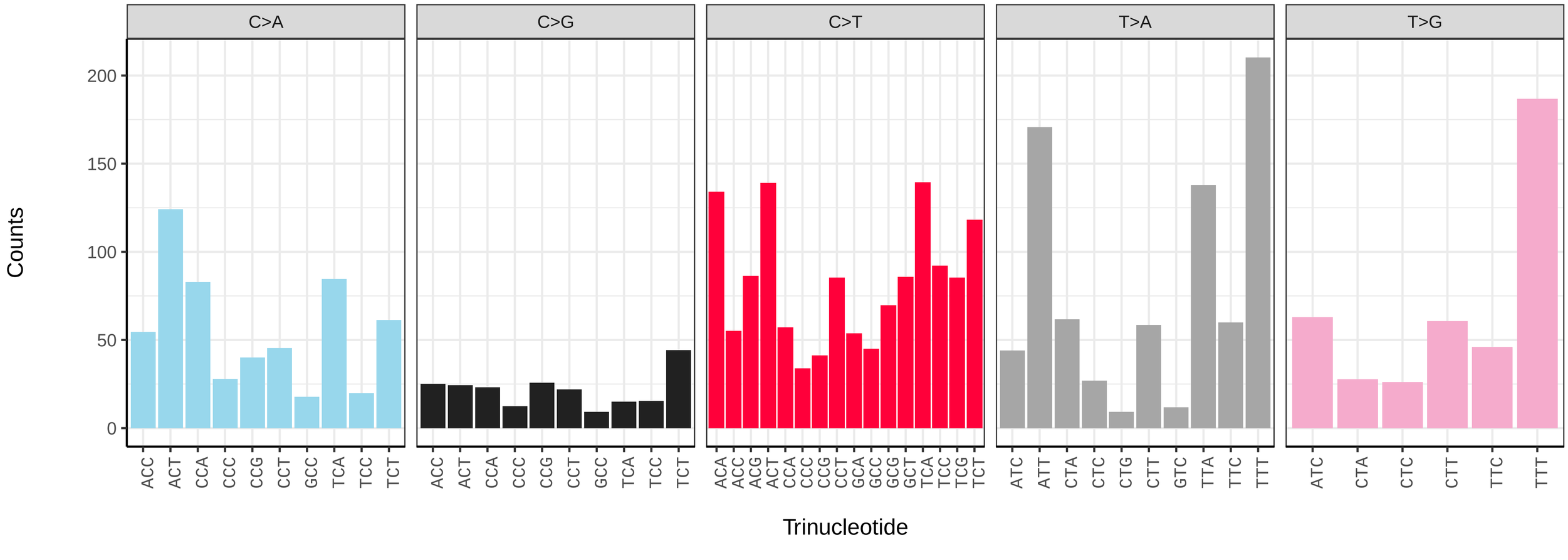
Calamotropha paludella (ilCalPalu1) germline mutational spectrum



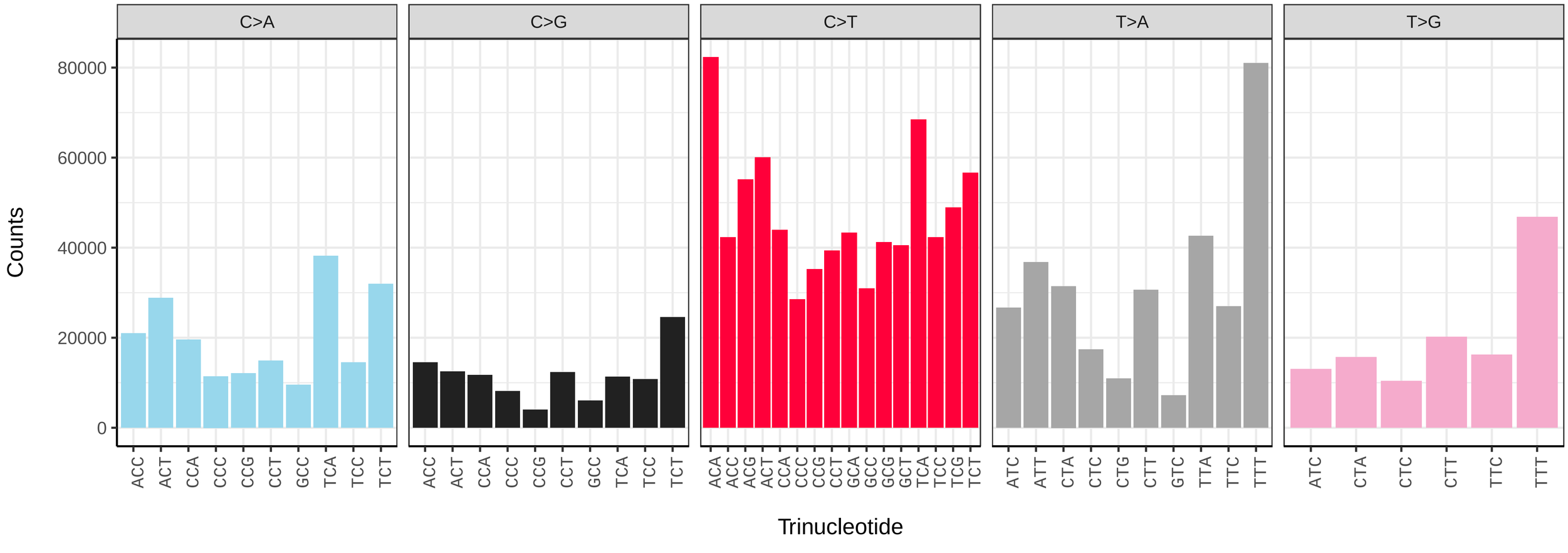
Calamotropha paludella (ilCalPalu1) somatic mutational spectrum (SBS96 classification)



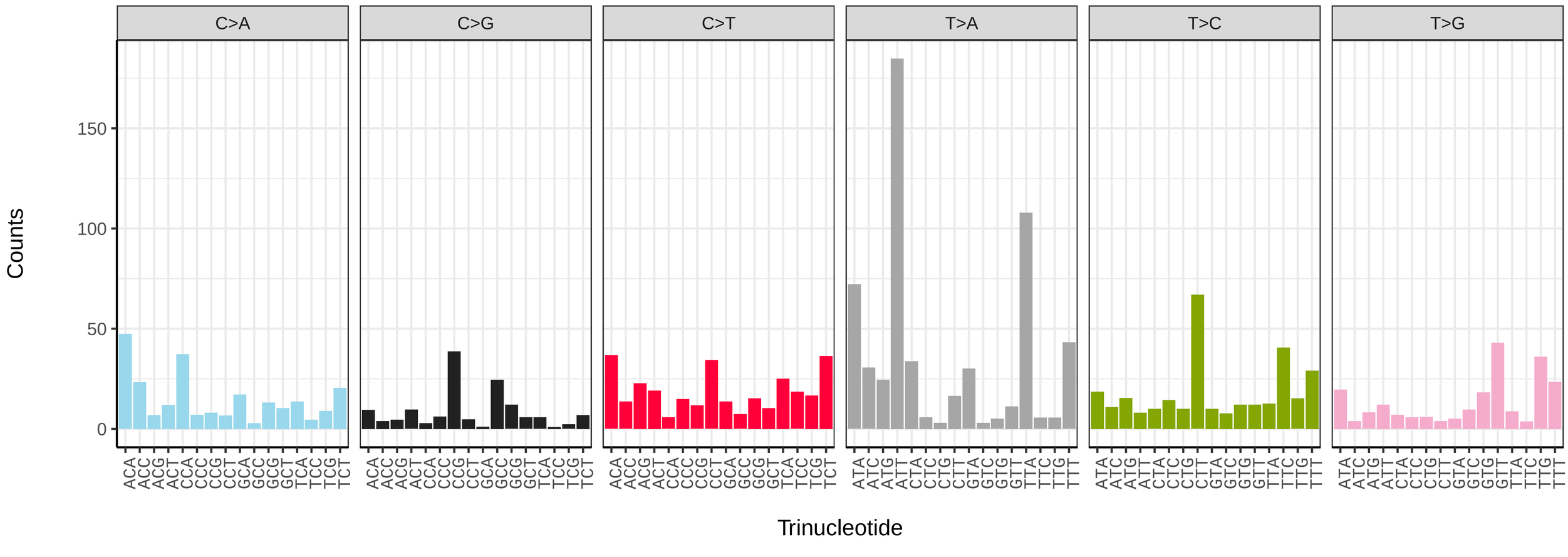
Calamotropha paludella (ilCalPalu1) somatic mutational spectrum (SBS52 classification)



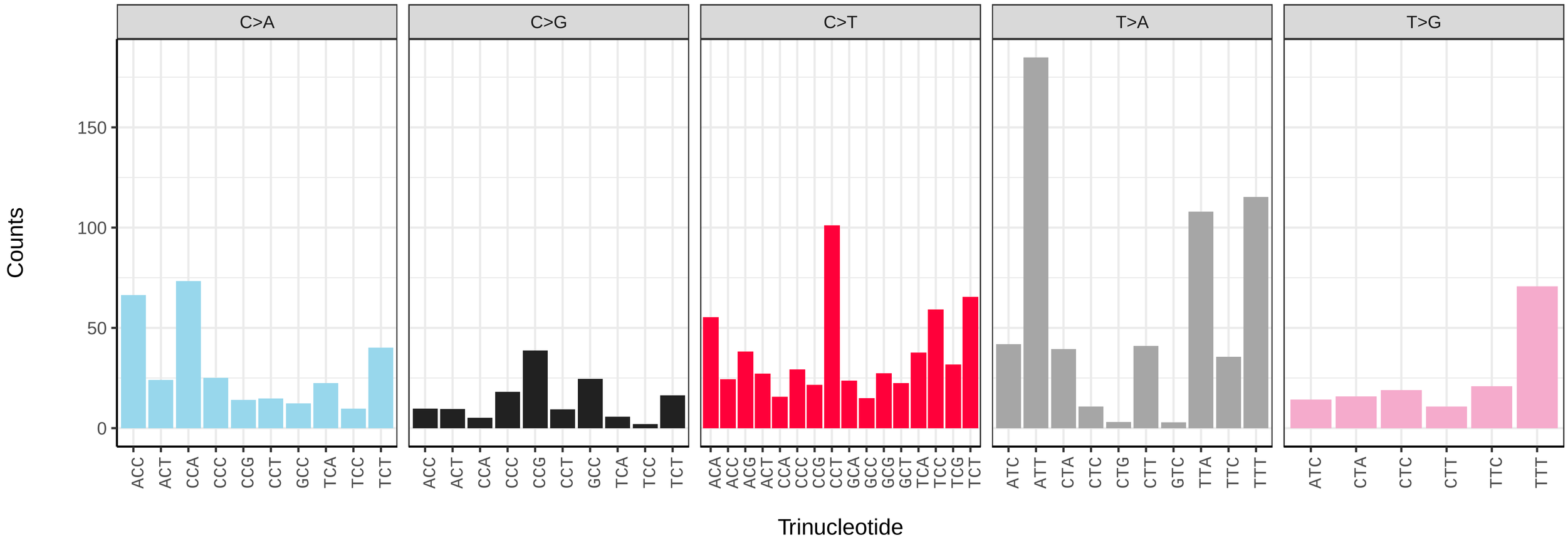
Campaea margaritaria (ilCamMarg1) germline mutational spectrum



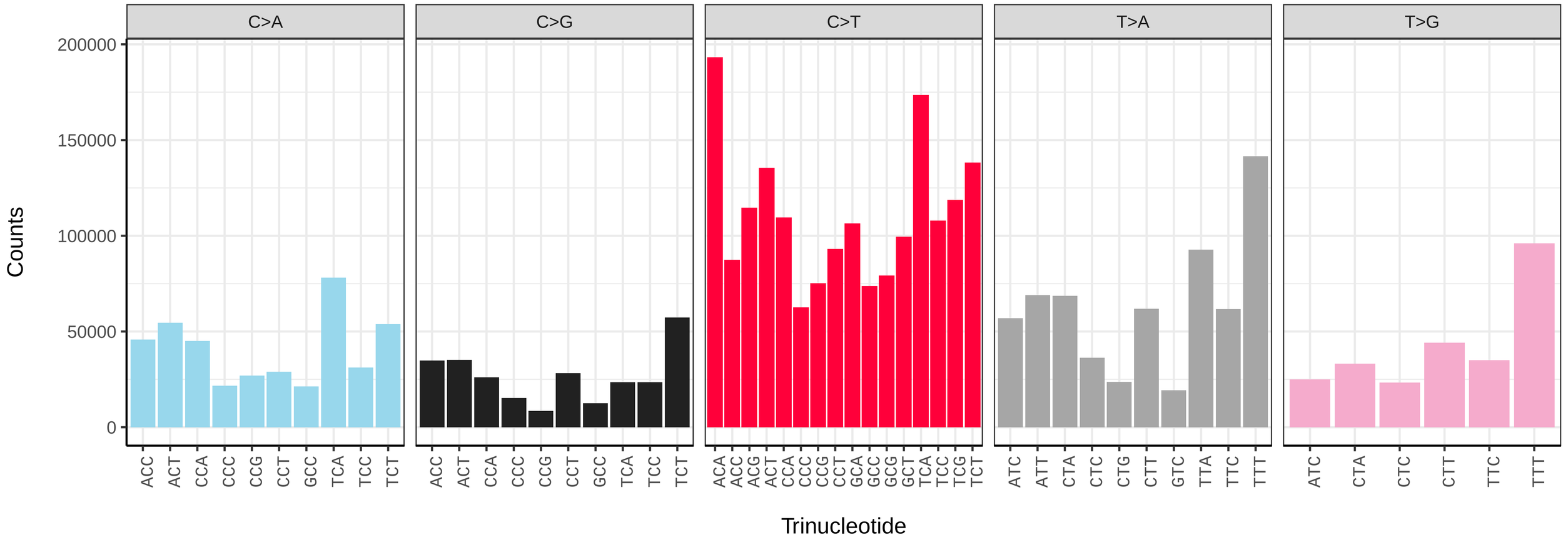
Campaea margaritaria (ilCamMarg1) somatic mutational spectrum (SBS96 classification)



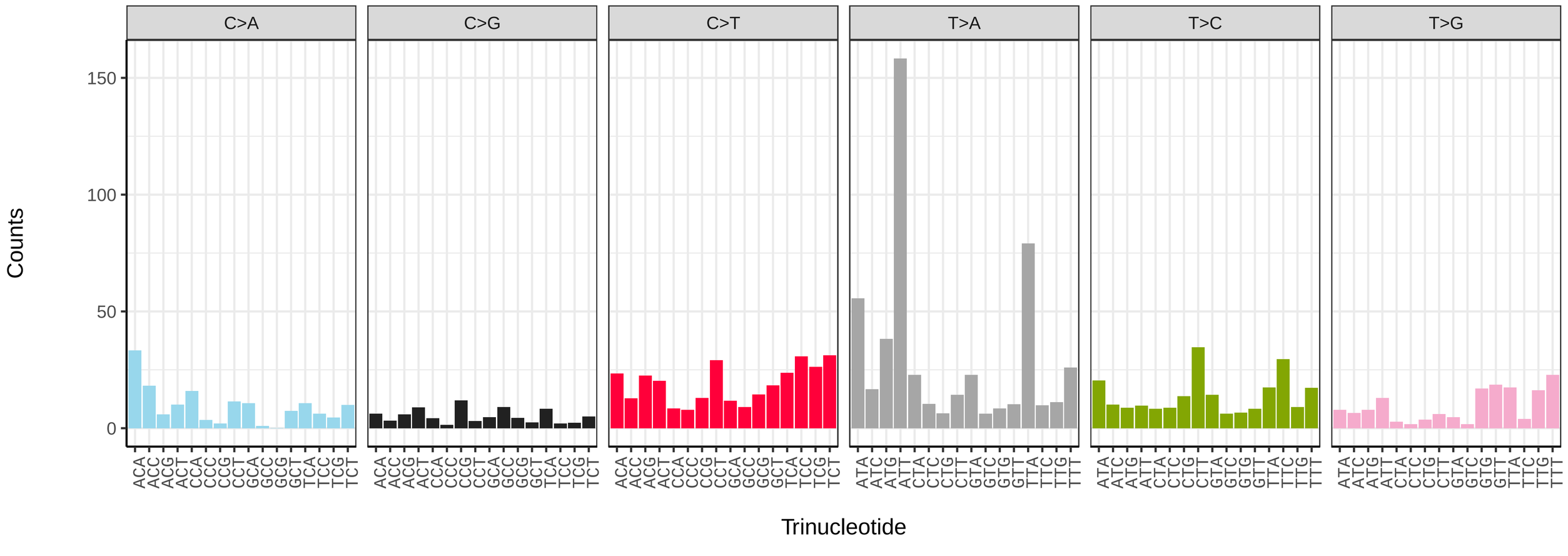
Campaea margaritaria (ilCamMarg1) somatic mutational spectrum (SBS52 classification)



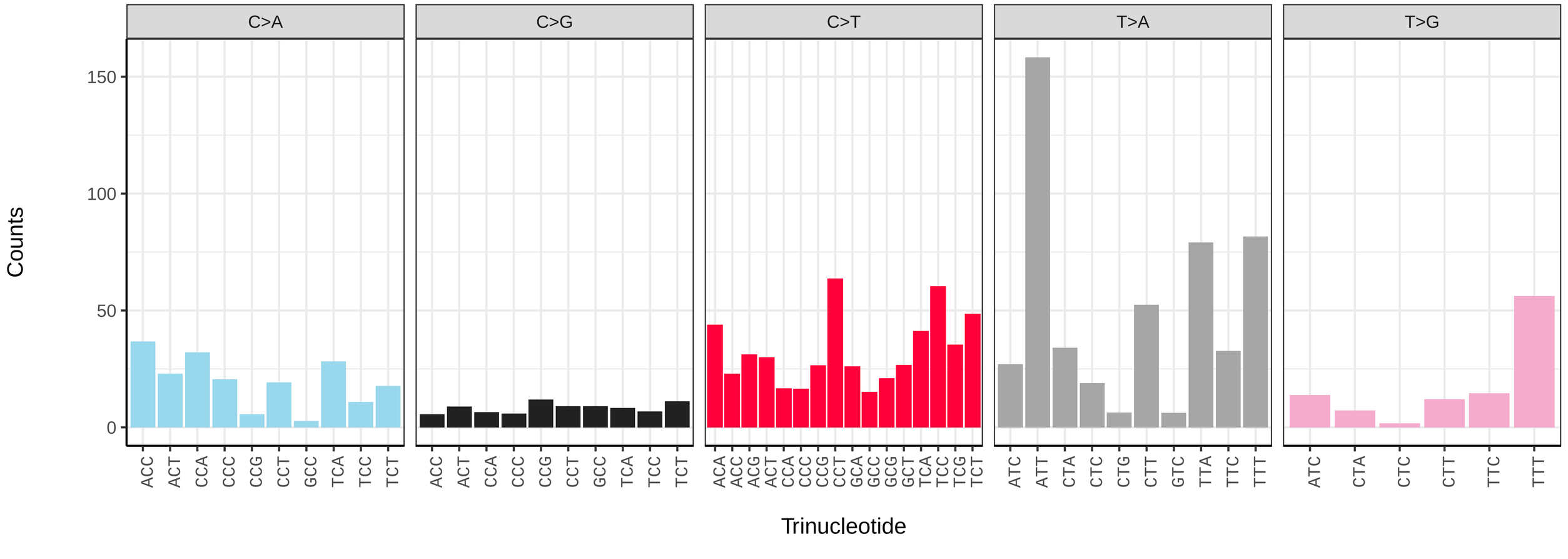
Caradrina clavipalpis (ilCarClav1) germline mutational spectrum



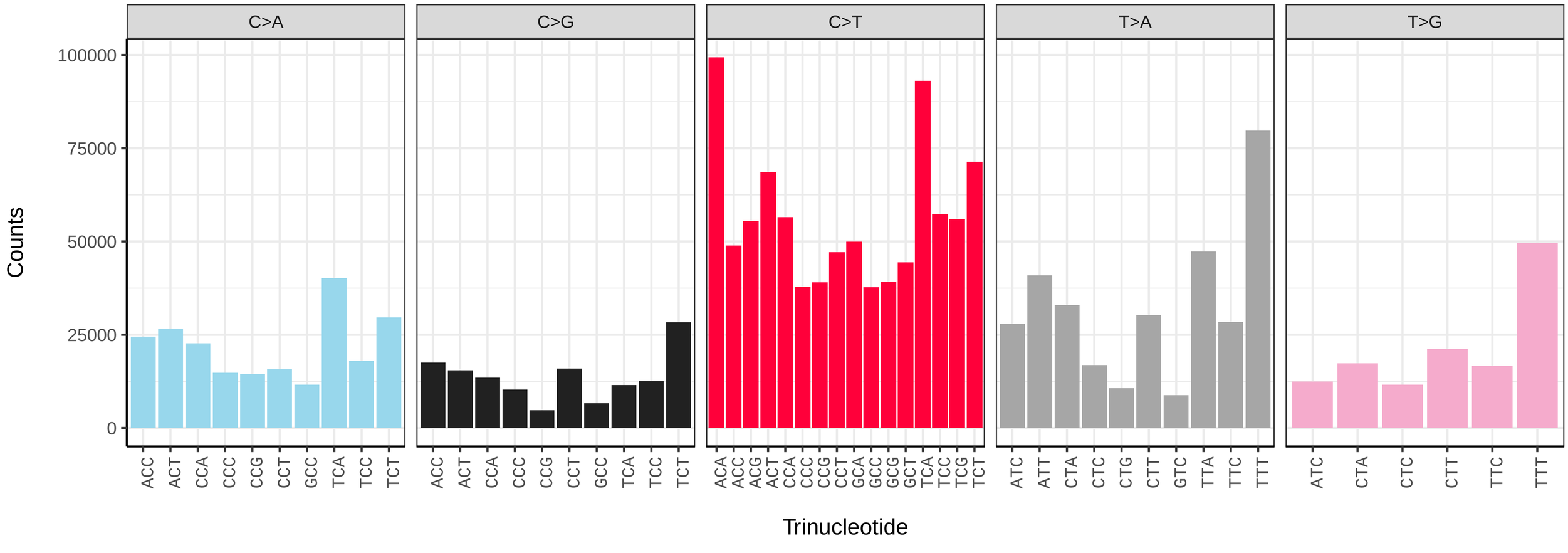
Caradrina clavipalpis (ilCarClav1) somatic mutational spectrum (SBS96 classification)



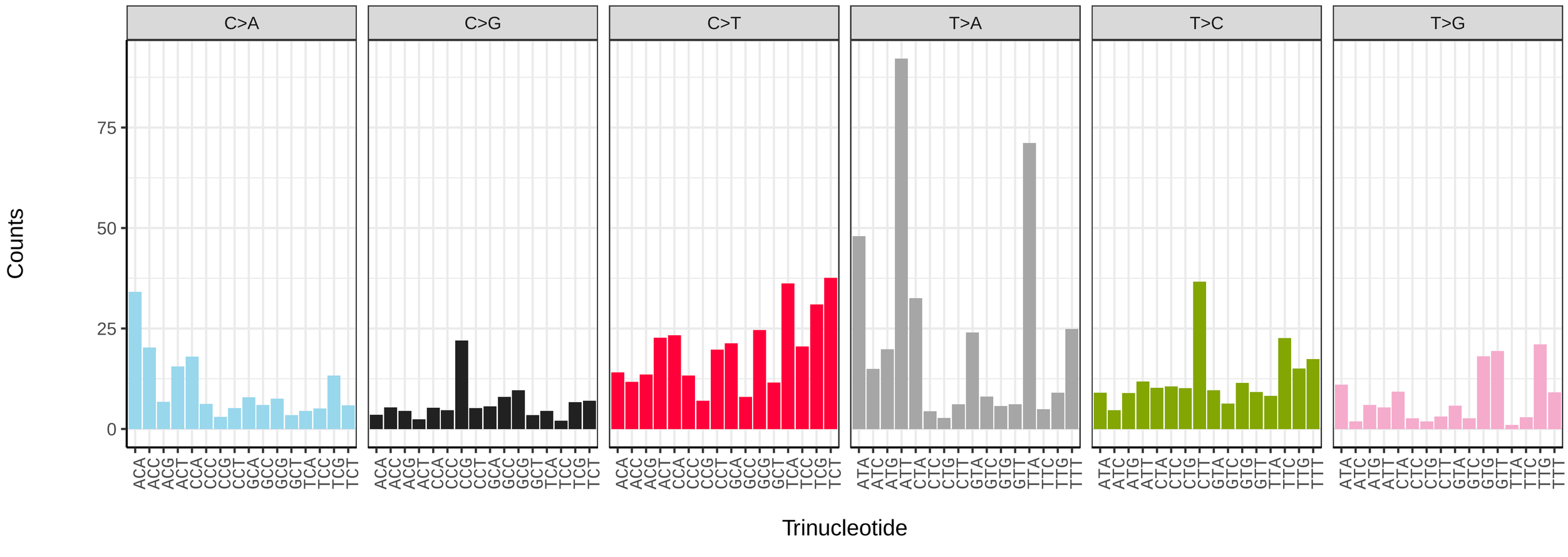
Caradrina clavipalpis (ilCarClav1) somatic mutational spectrum (SBS52 classification)



Caradrina kadenii (ilCarKade1) germline mutational spectrum



Caradrina kadenii (ilCarKade1) somatic mutational spectrum (SBS96 classification)



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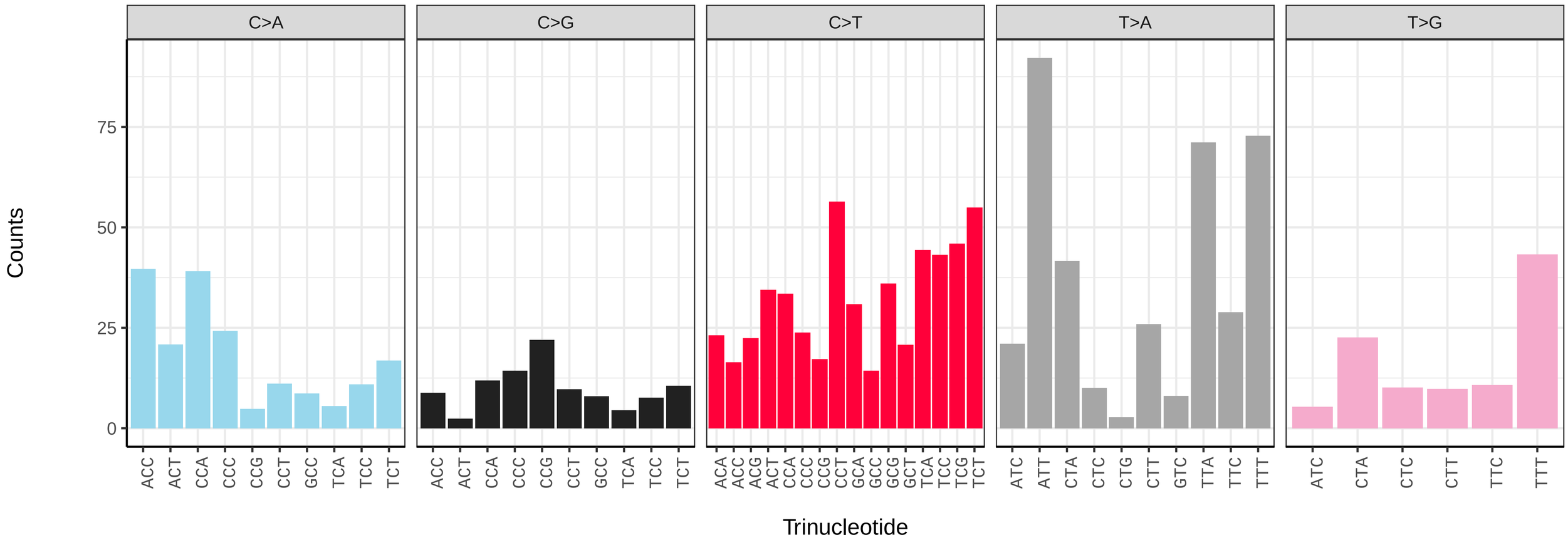
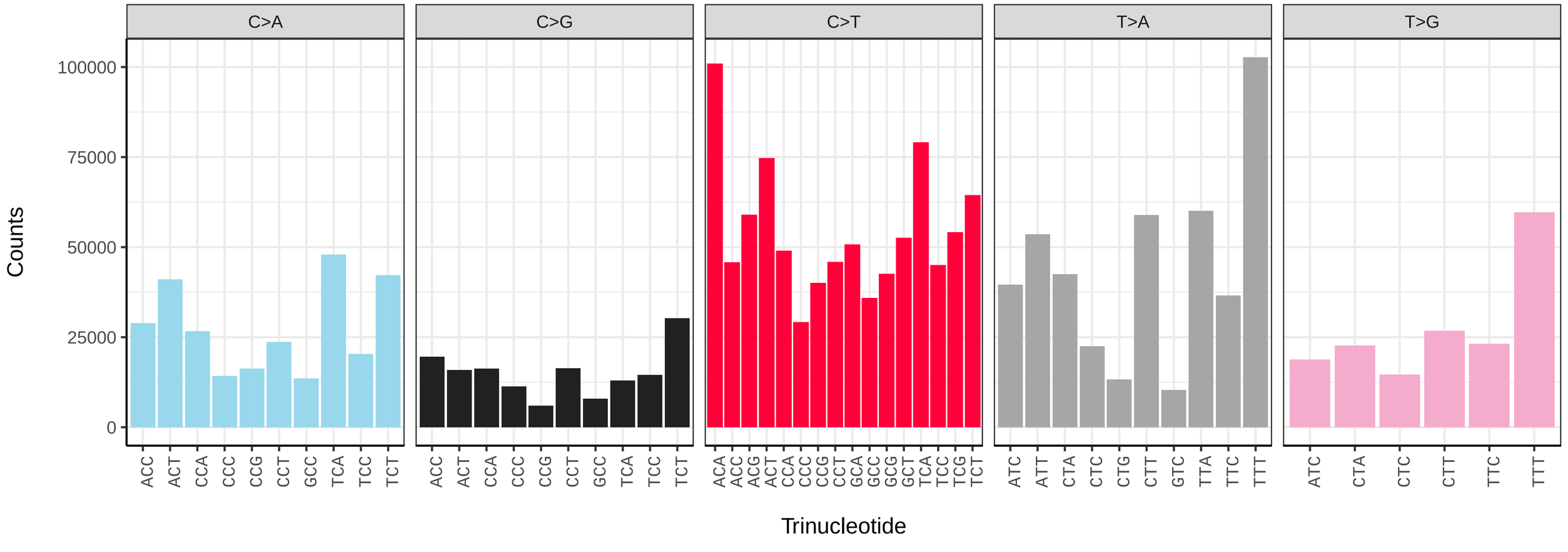
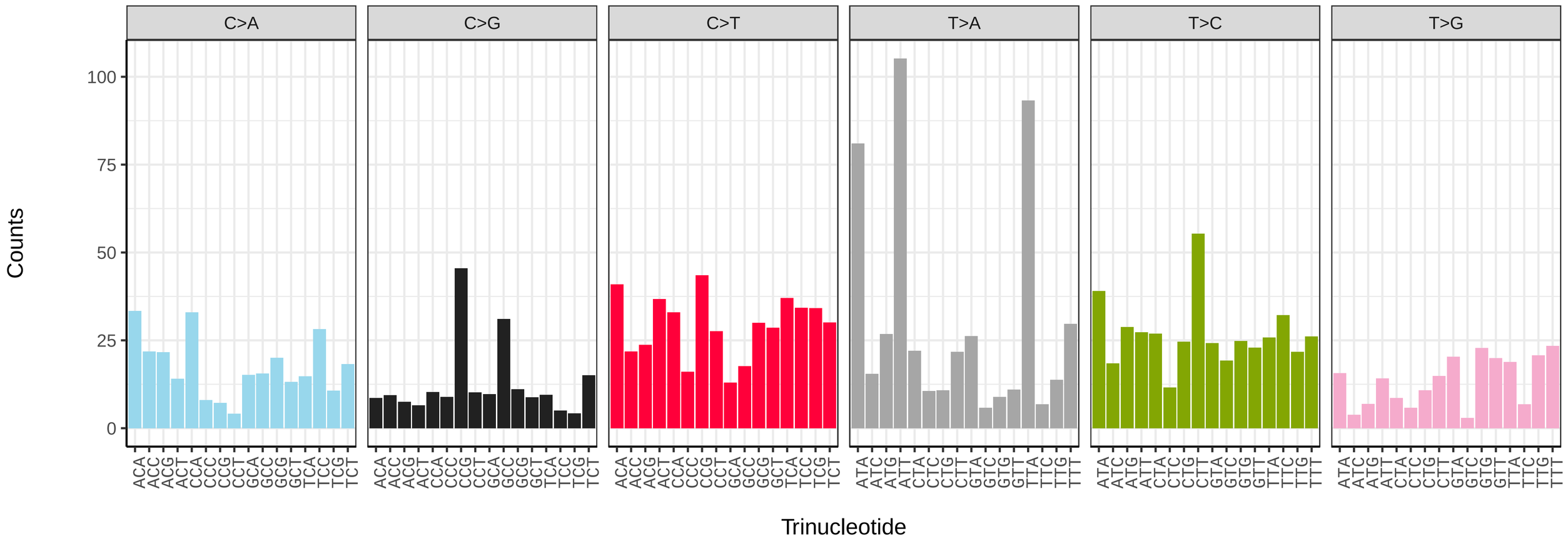


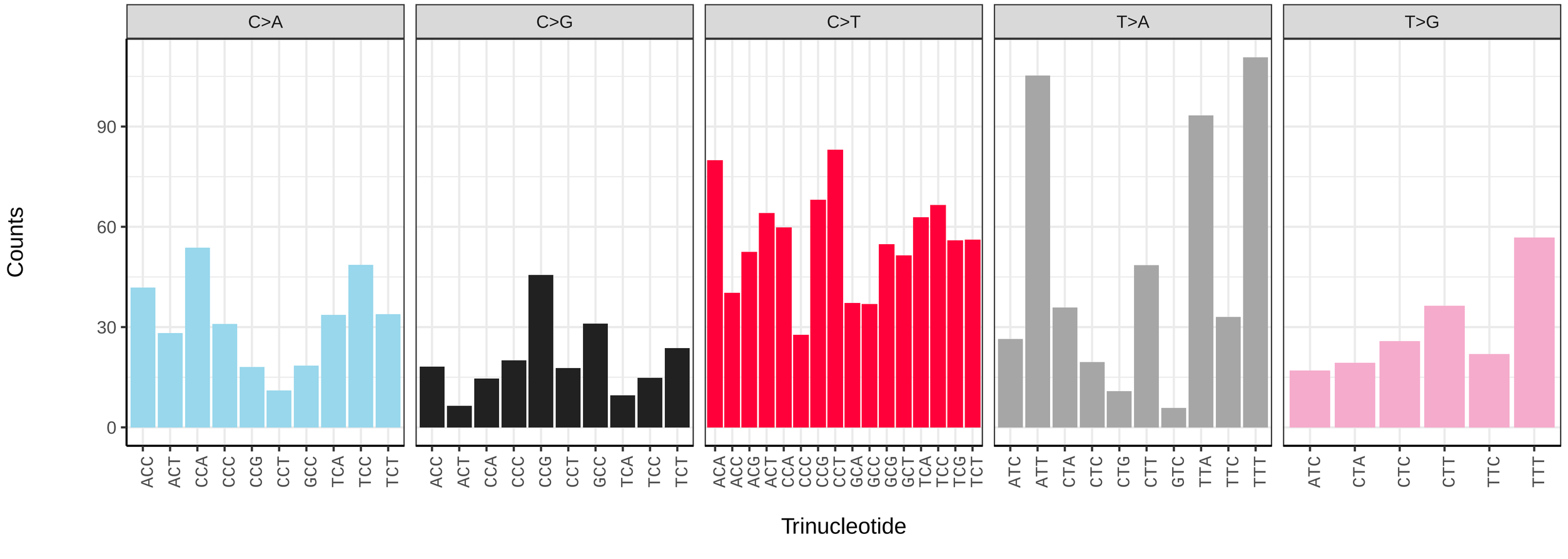
Carterocephalus palaemon (ilCarPala2) germline mutational spectrum



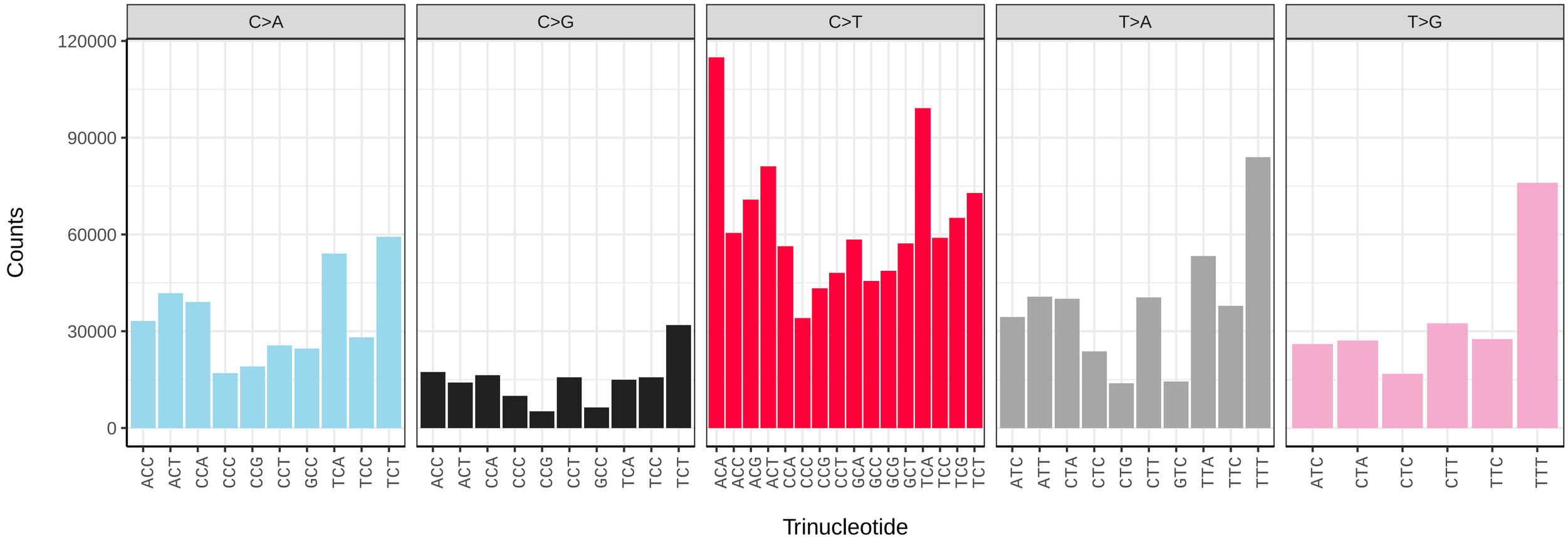
Carterocephalus palaemon (ilCarPala2) somatic mutational spectrum (SBS96 classification)



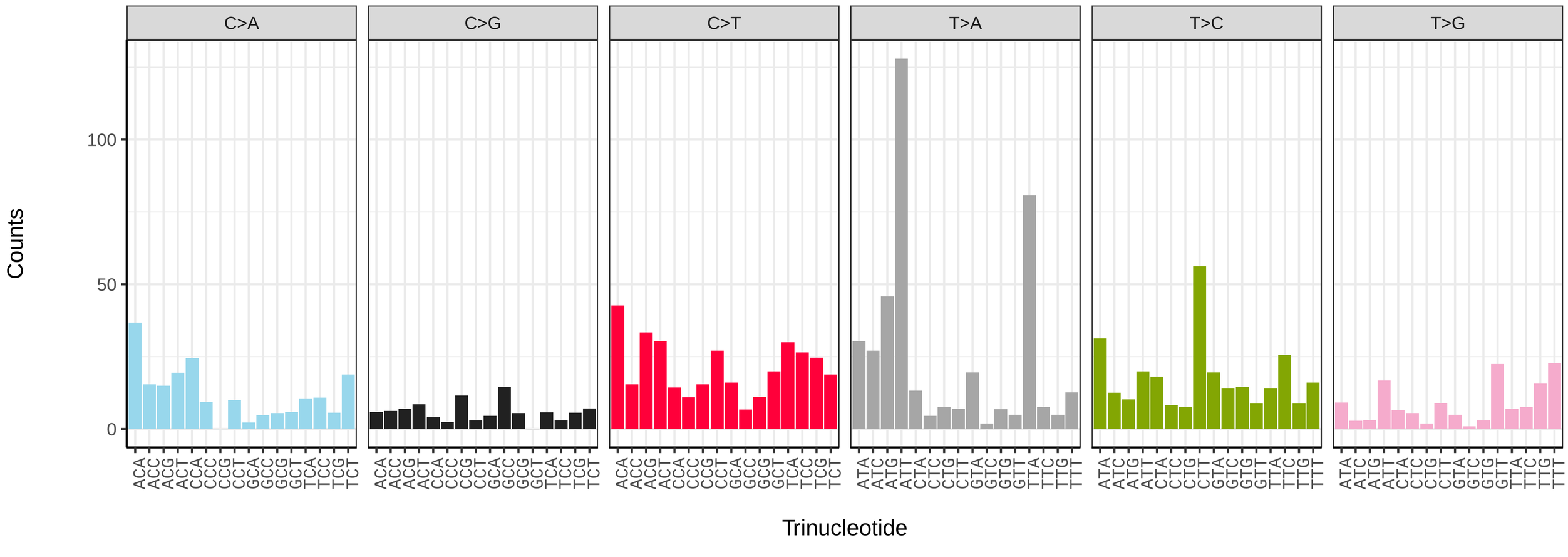
Carterocephalus palaemon (ilCarPala2) somatic mutational spectrum (SBS52 classification)



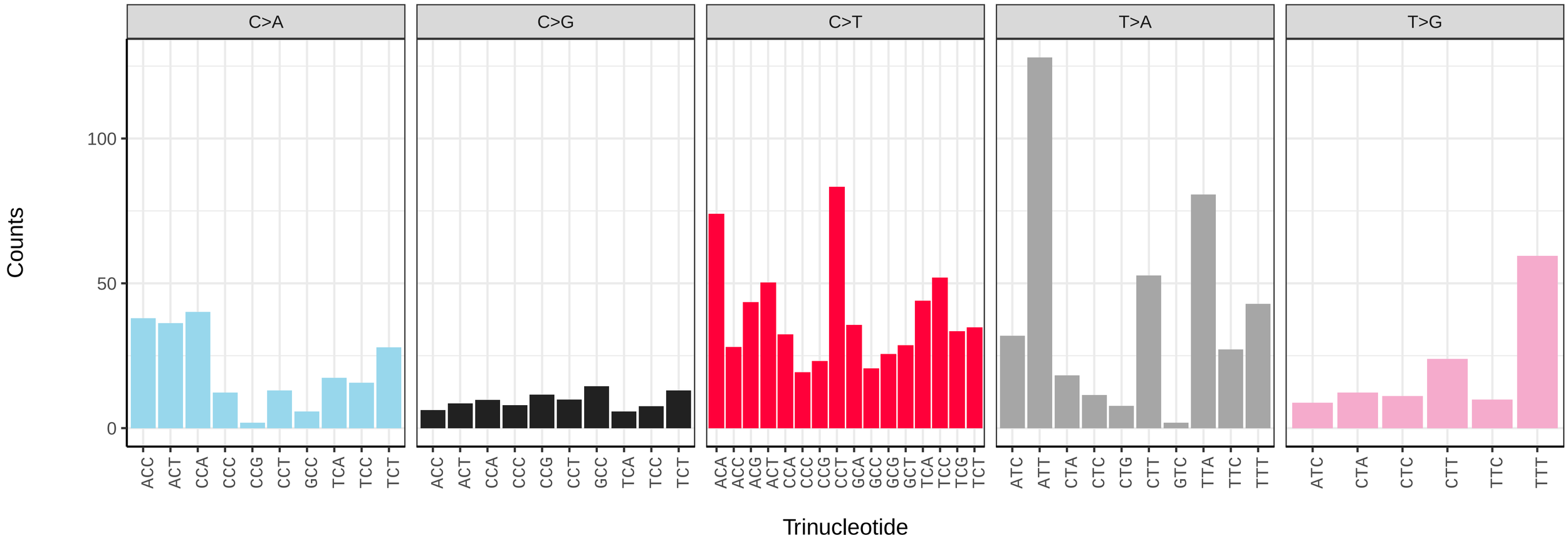
Carcina quercana (ilCarQuer1) germline mutational spectrum



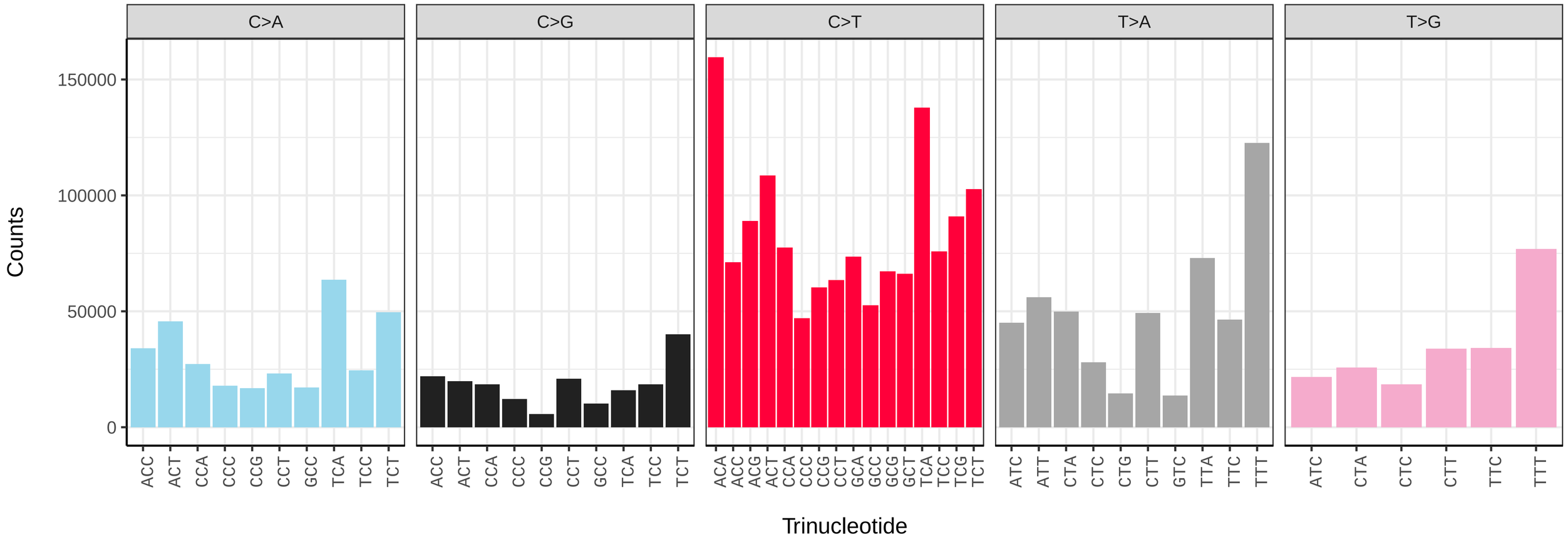
Carcina quercana (ilCarQuer1) somatic mutational spectrum (SBS96 classification)



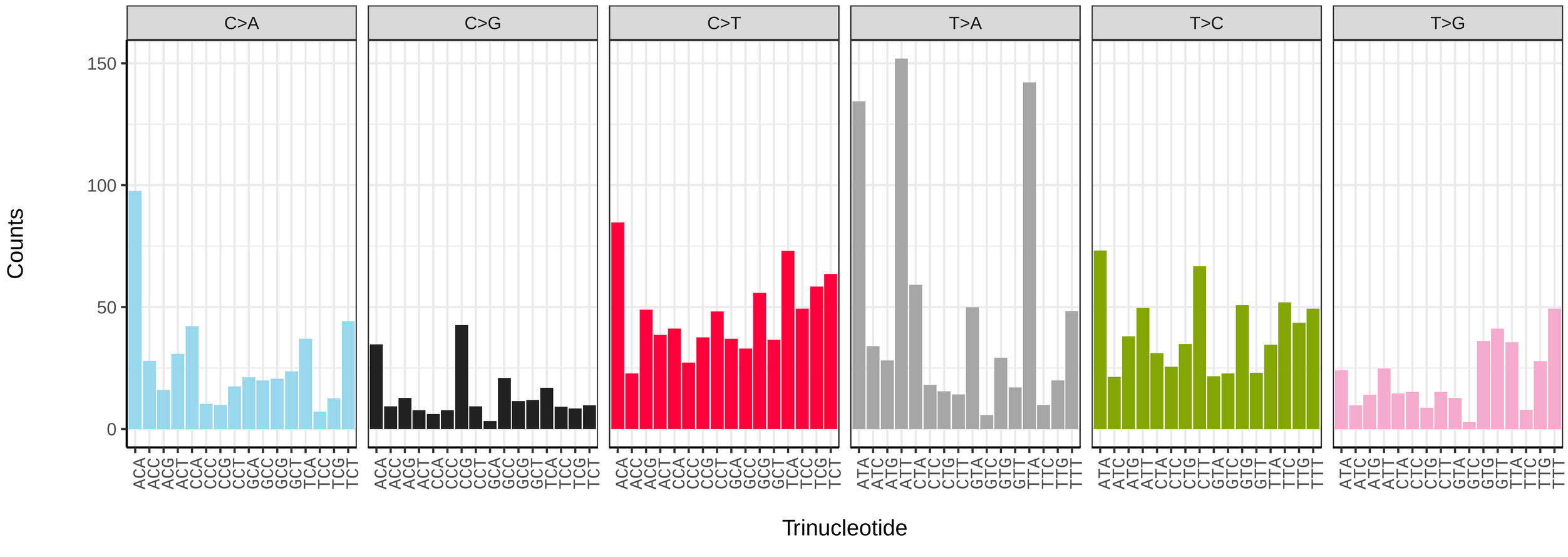
Carcina quercana (ilCarQuer1) somatic mutational spectrum (SBS52 classification)



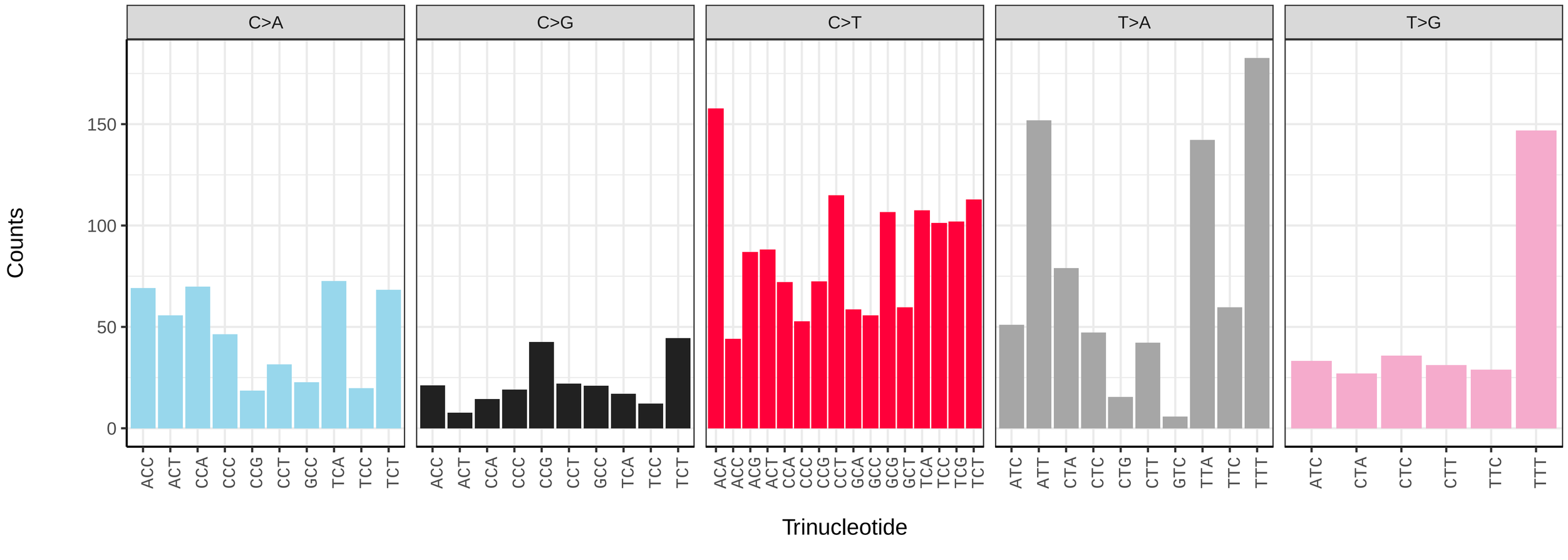
Catocala fraxini (ilCatFrax1) germline mutational spectrum



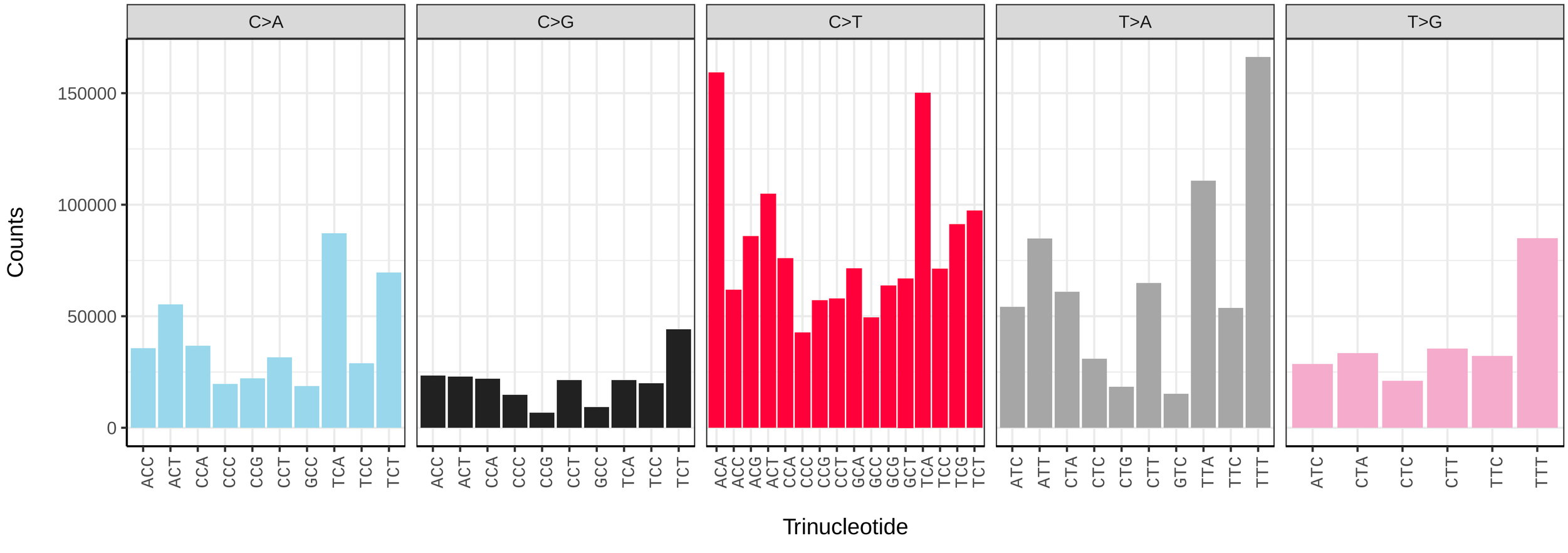
Catocala fraxini (ilCatFrax1) somatic mutational spectrum (SBS96 classification)



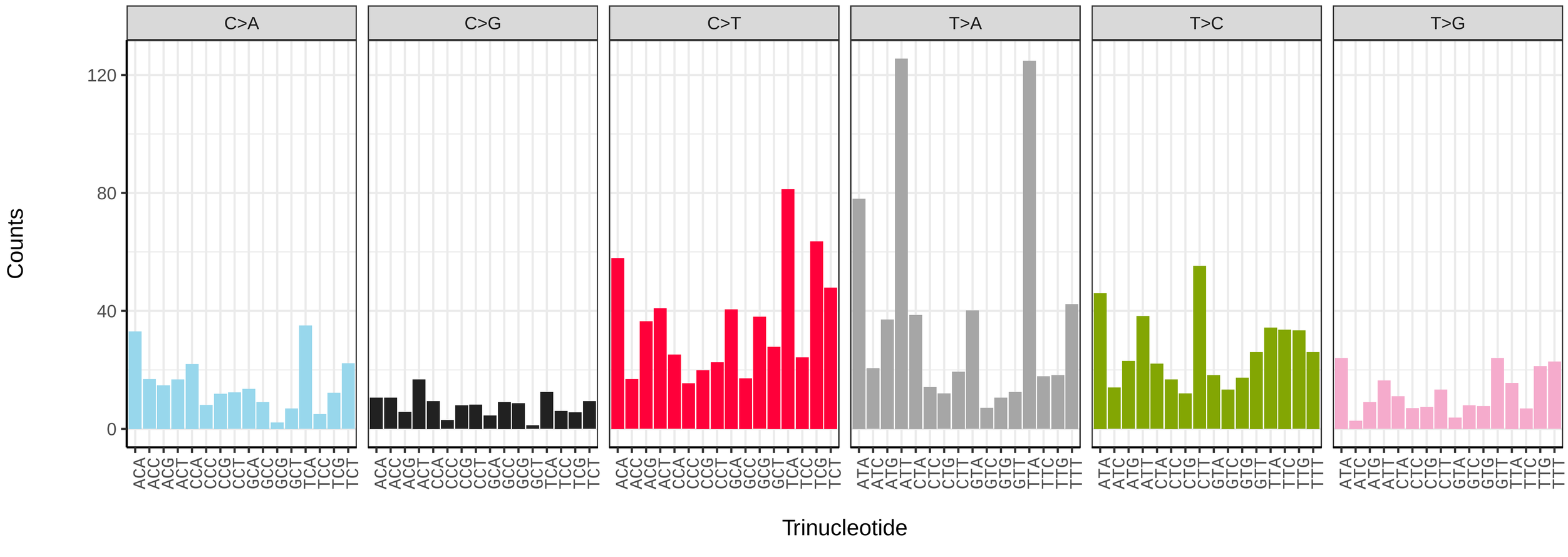
Catocala fraxini (ilCatFrax1) somatic mutational spectrum (SBS52 classification)



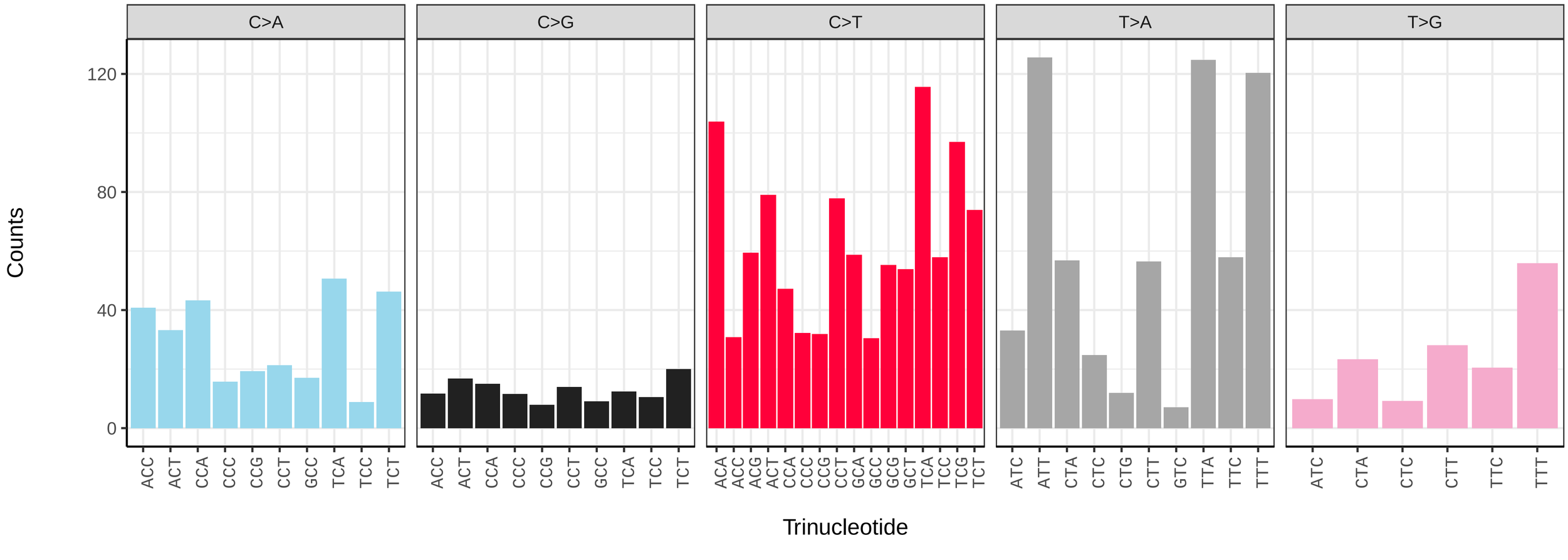
Celastrina argiolus (ilCelArgi3) germline mutational spectrum



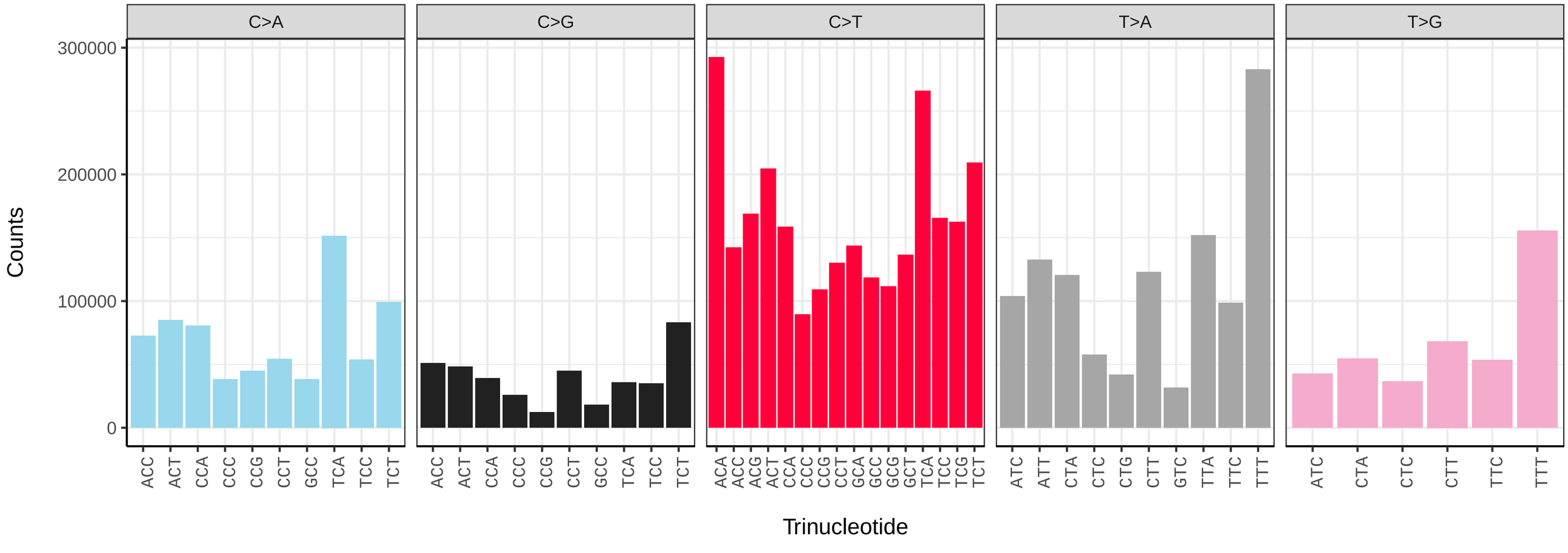
Celastrina argiolus (ilCelArgi3) somatic mutational spectrum (SBS96 classification)



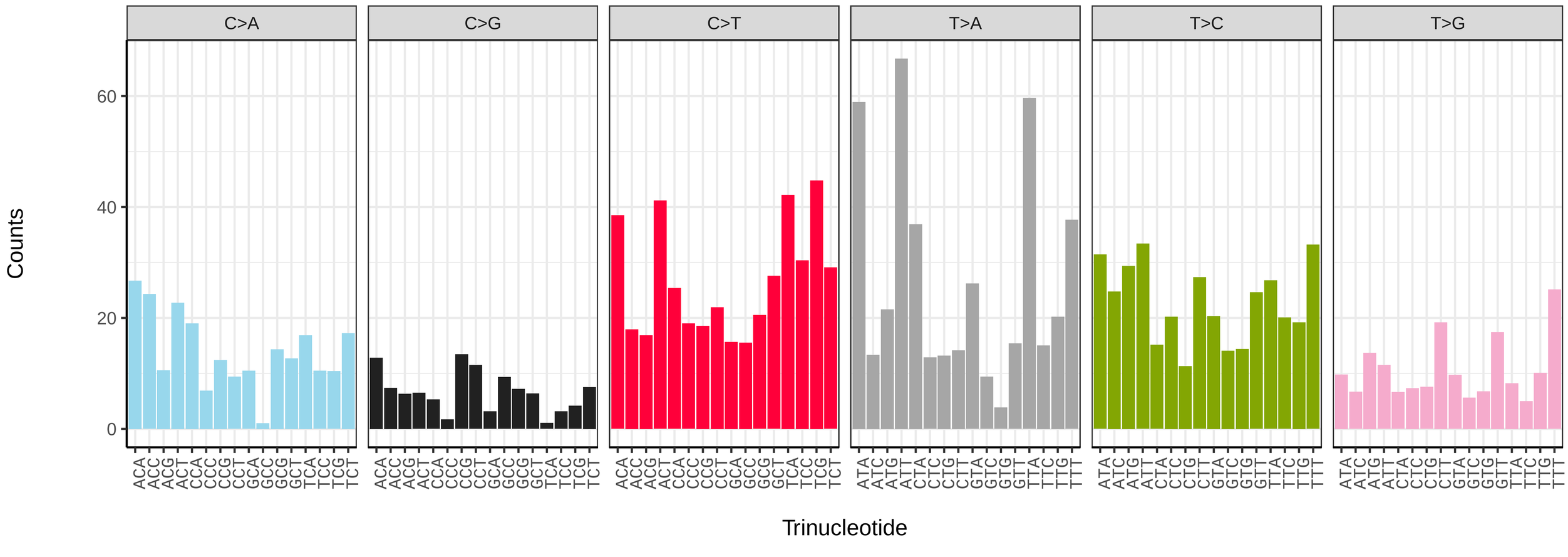
Celastrina argiolus (ilCelArgi3) somatic mutational spectrum (SBS52 classification)



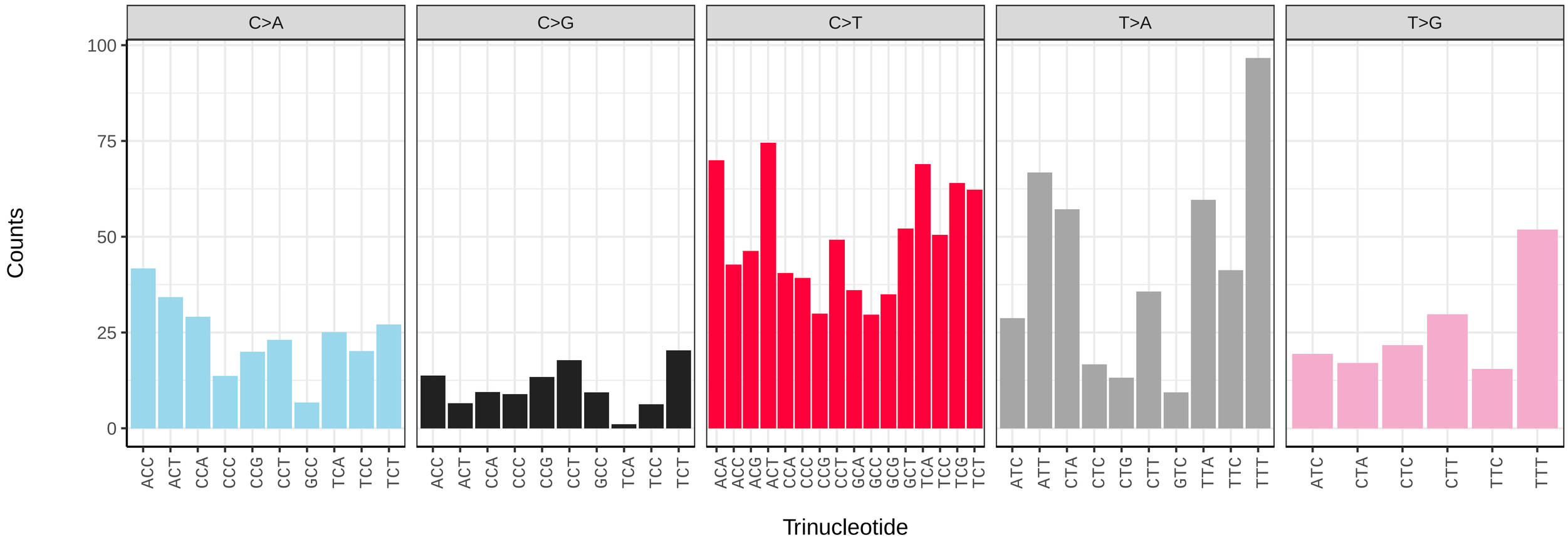
Charanyca ferruginea (ilChaFerr1) germline mutational spectrum



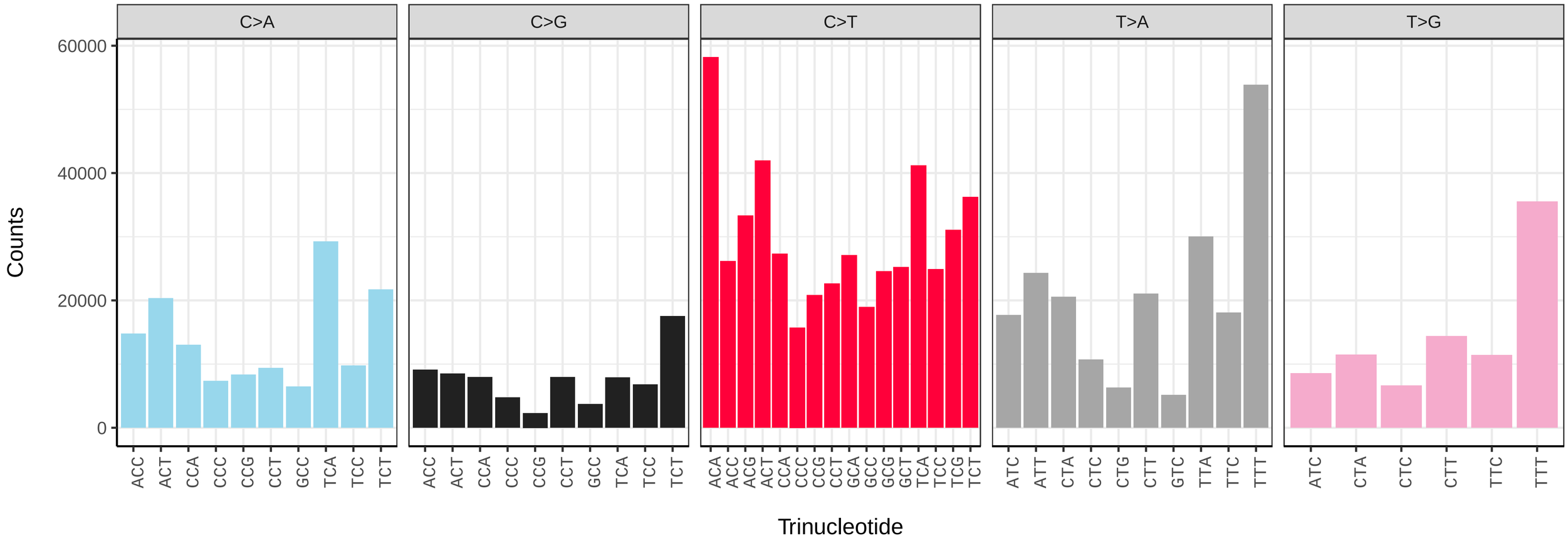
Charanyca ferruginea (ilChaFerr1) somatic mutational spectrum (SBS96 classification)



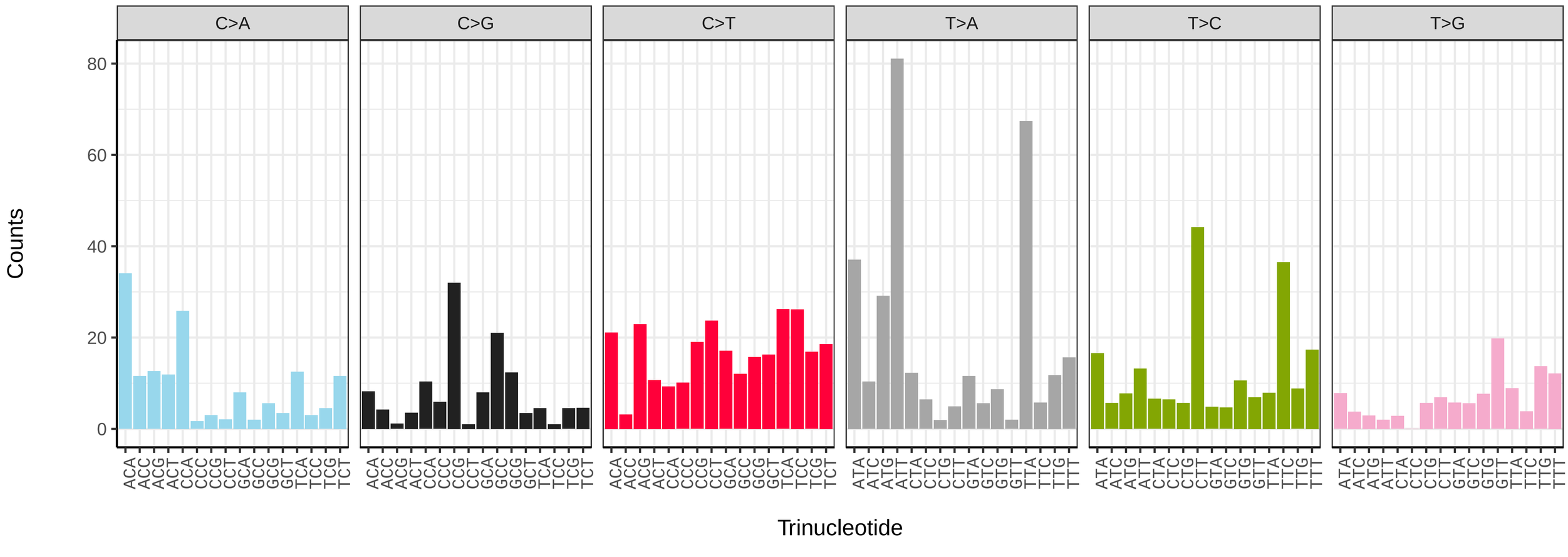
Charanyca ferruginea (ilChaFerr1) somatic mutational spectrum (SBS52 classification)



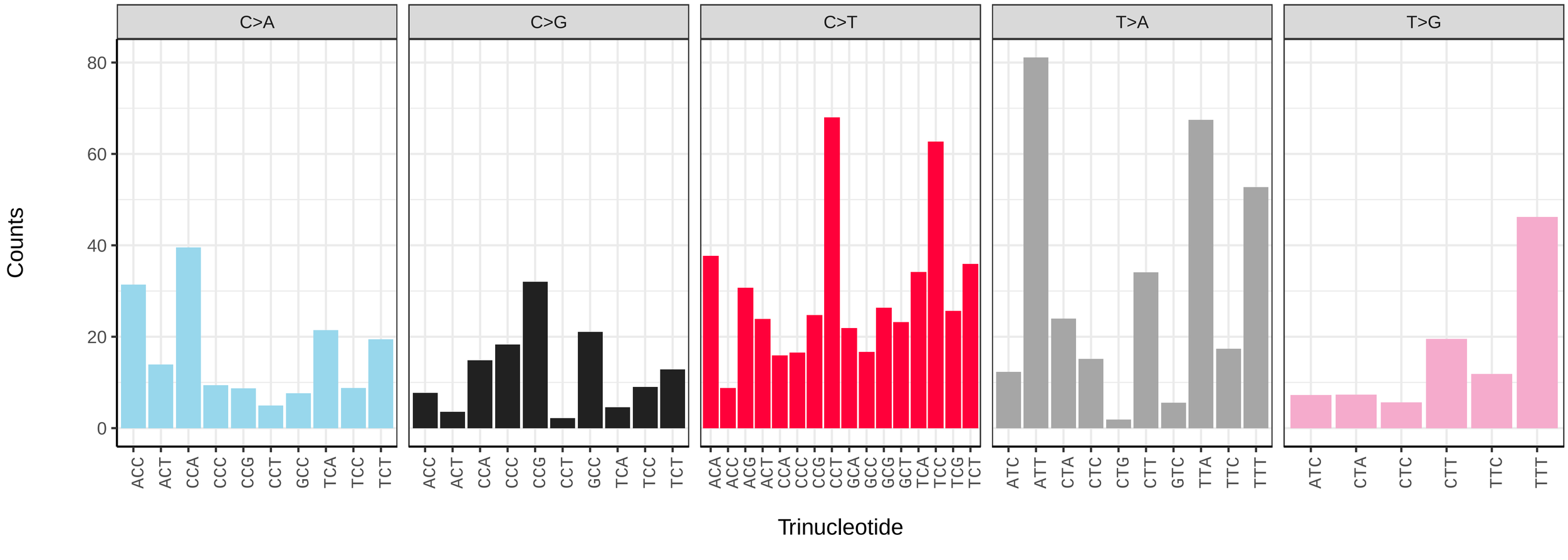
Chesias legatella (ilCheLega1) germline mutational spectrum



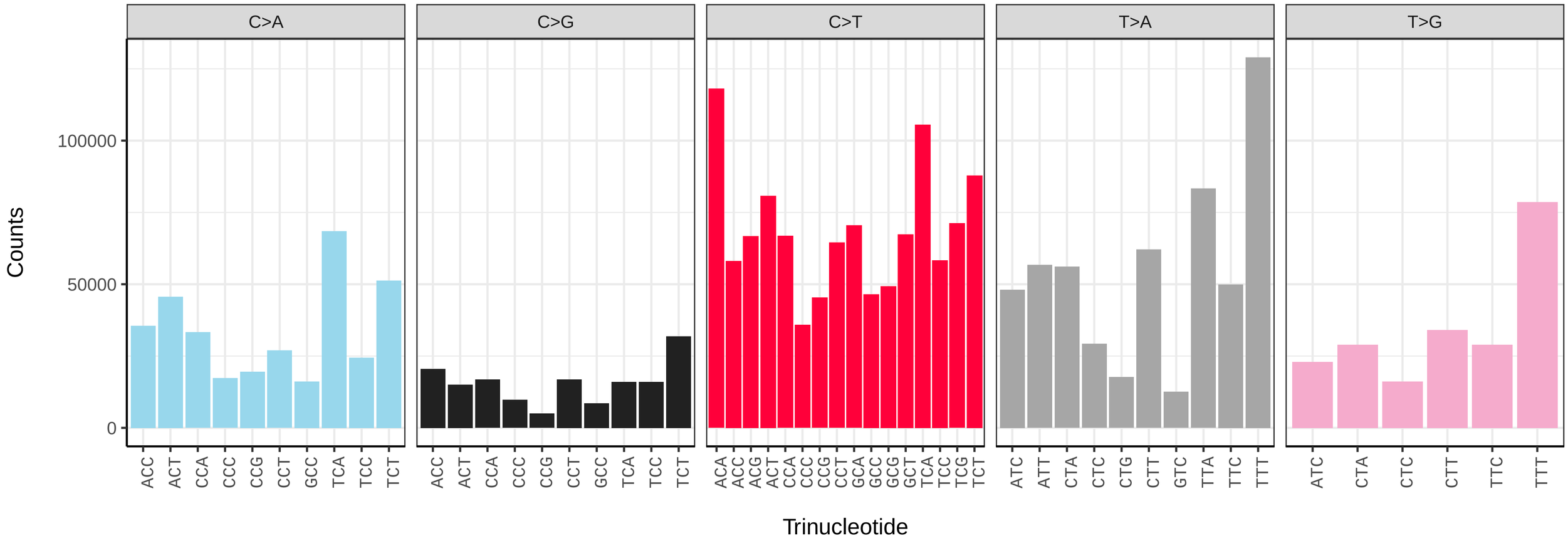
Chesias legatella (ilCheLega1) somatic mutational spectrum (SBS96 classification)



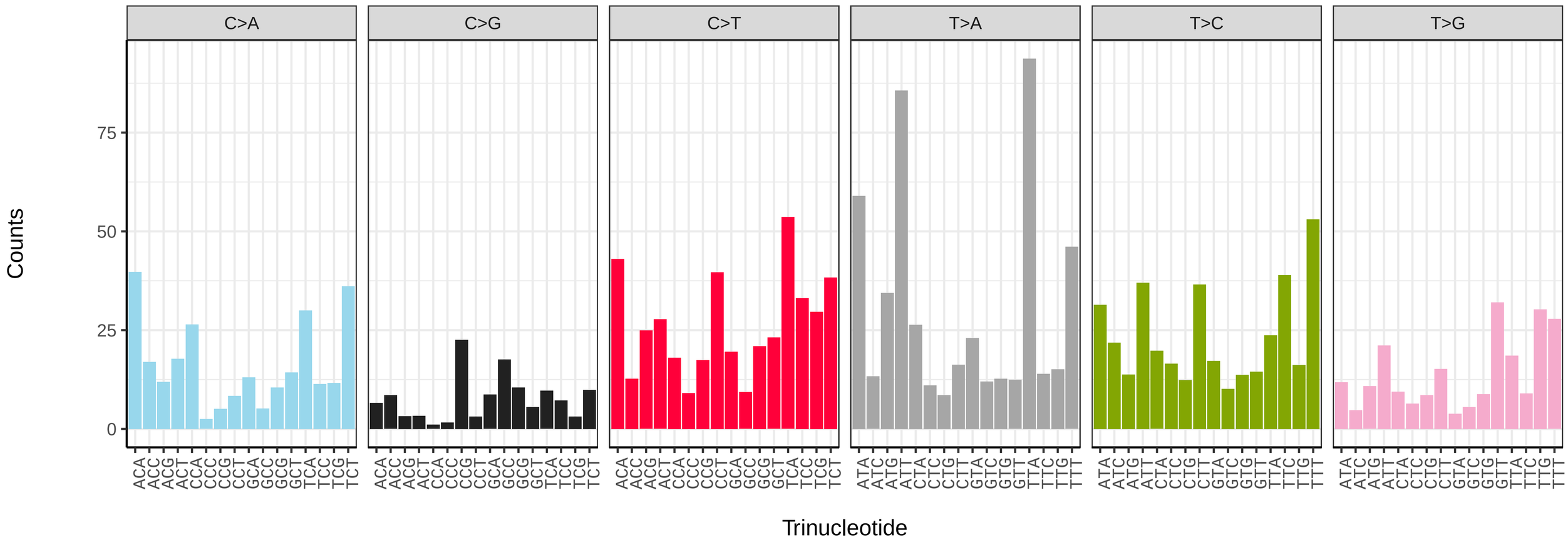
Chesias legatella (ilCheLega1) somatic mutational spectrum (SBS52 classification)



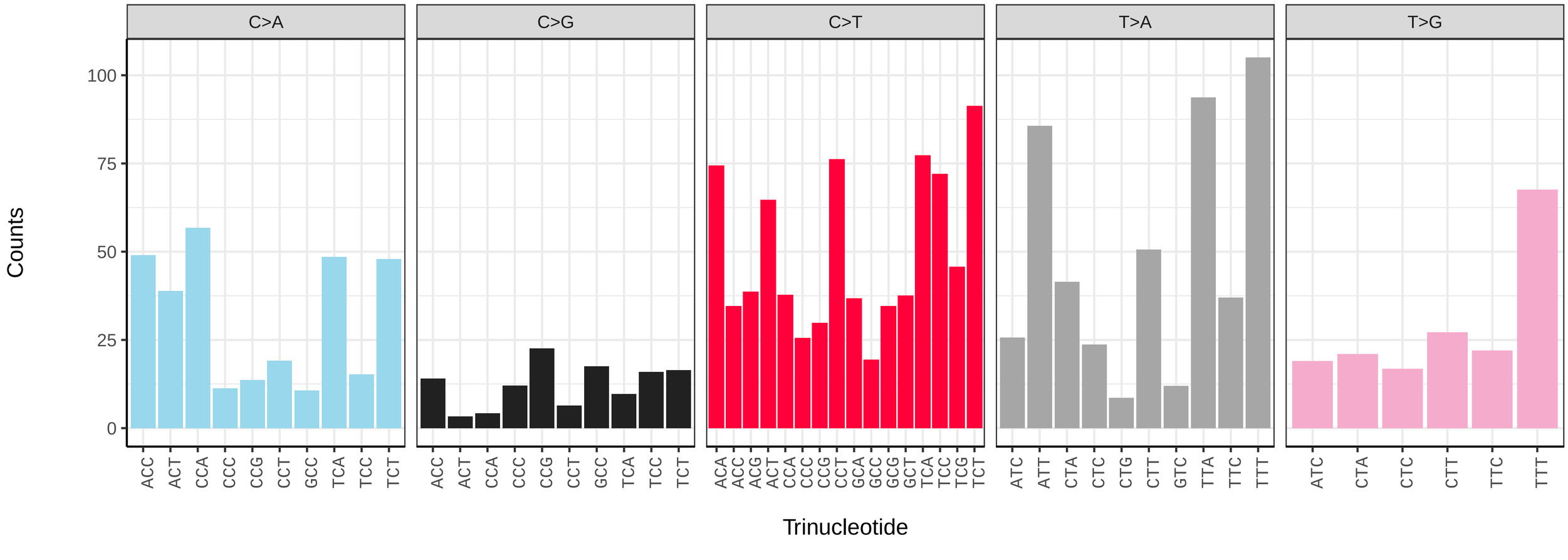
Chloroclysta siterata (ilChlSite2) germline mutational spectrum



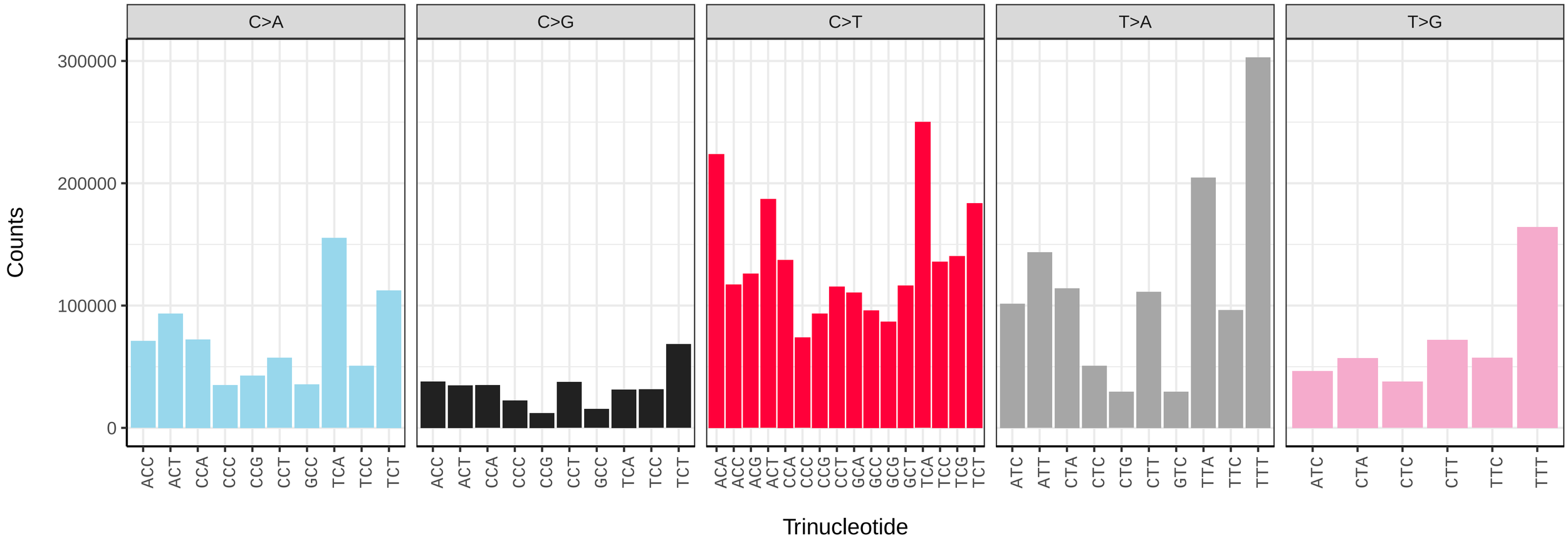
Chloroclysta siterata (ilChlSite2) somatic mutational spectrum (SBS96 classification)



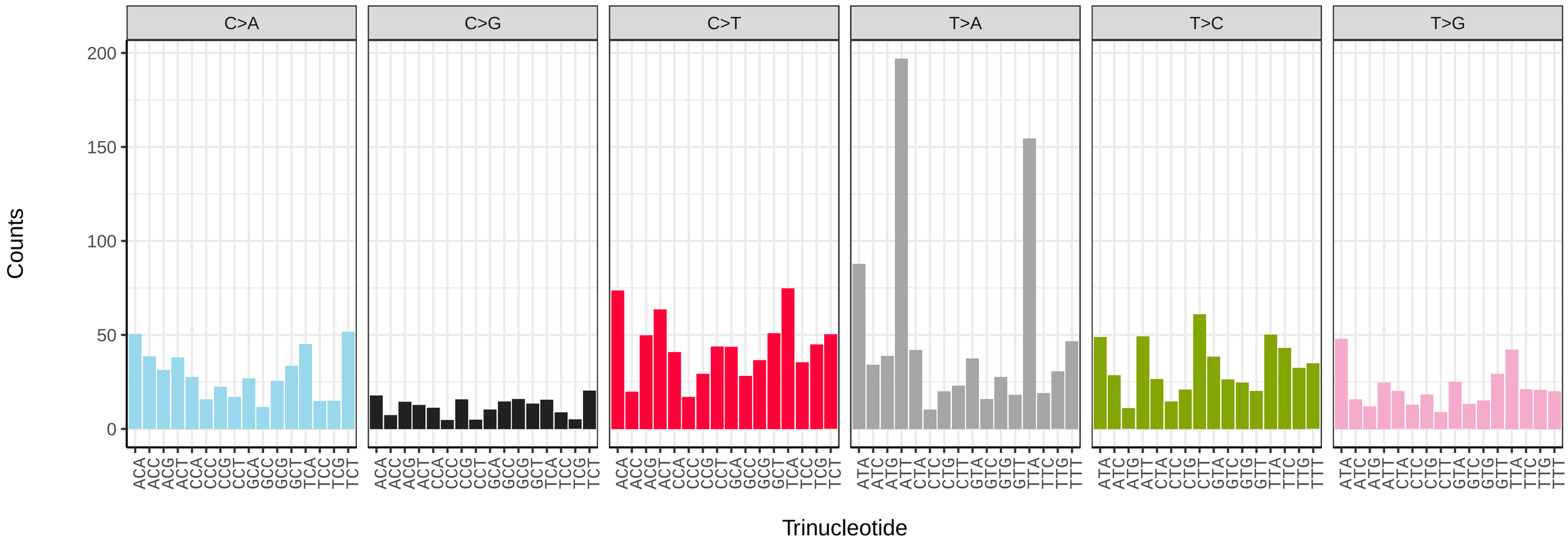
Chloroclysta siterata (ilChlSite2) somatic mutational spectrum (SBS52 classification)



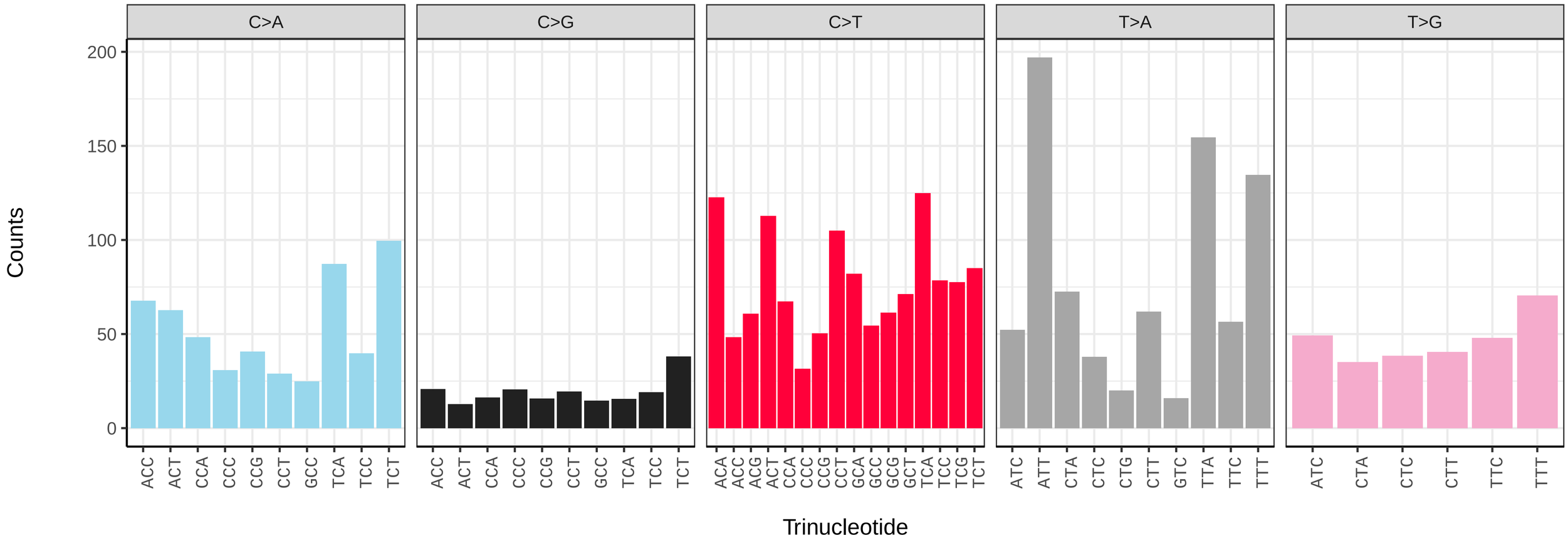
Chrysoteuchia culmella (ilChrCulm1) germline mutational spectrum



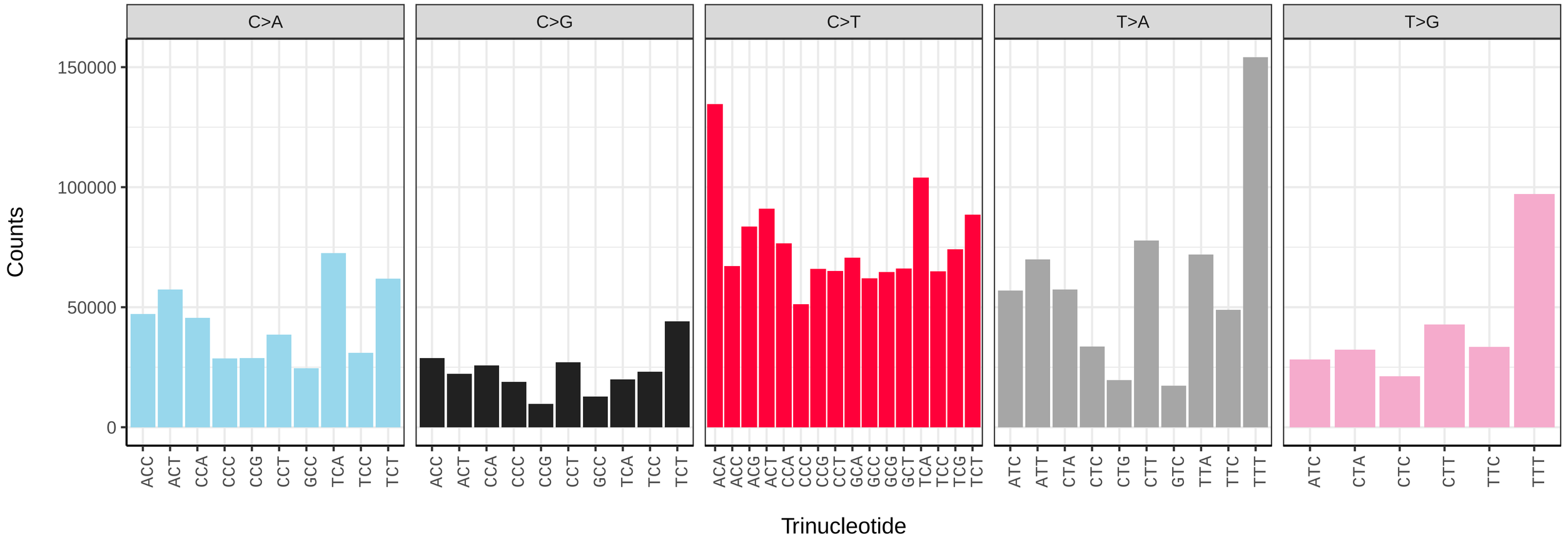
Chrysoteuchia culmella (ilChrCulm1) somatic mutational spectrum (SBS96 classification)



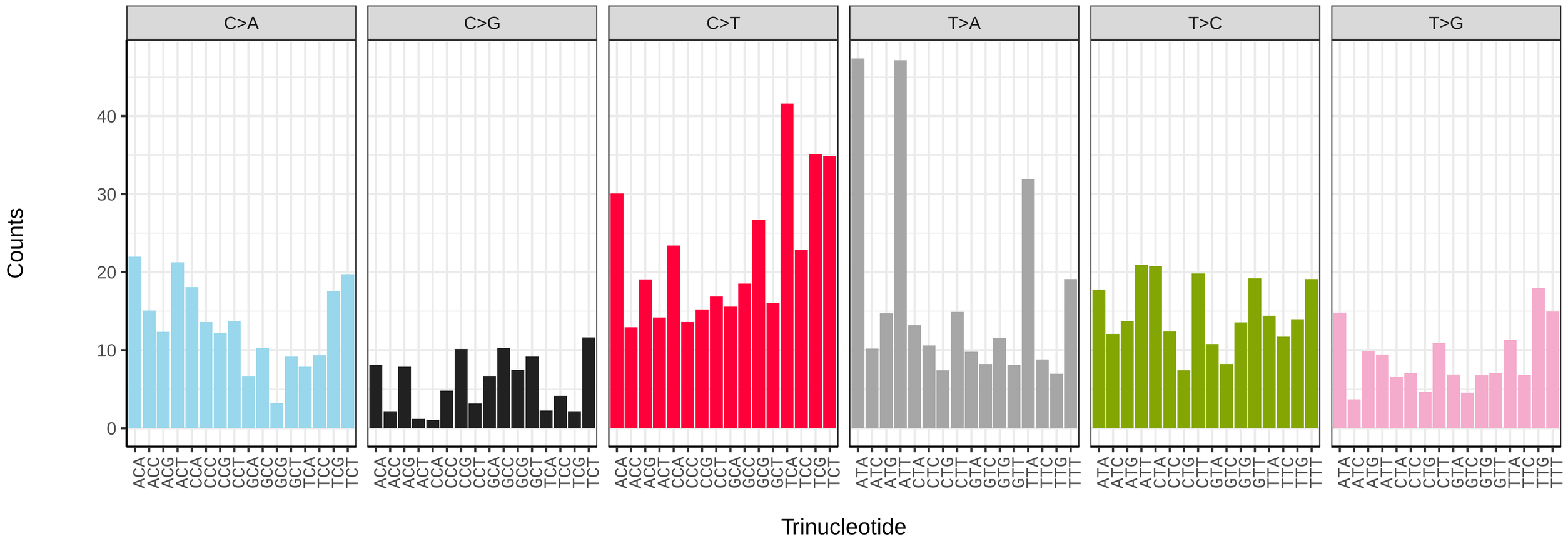
Chrysoteuchia culmella (ilChrCulm1) somatic mutational spectrum (SBS52 classification)



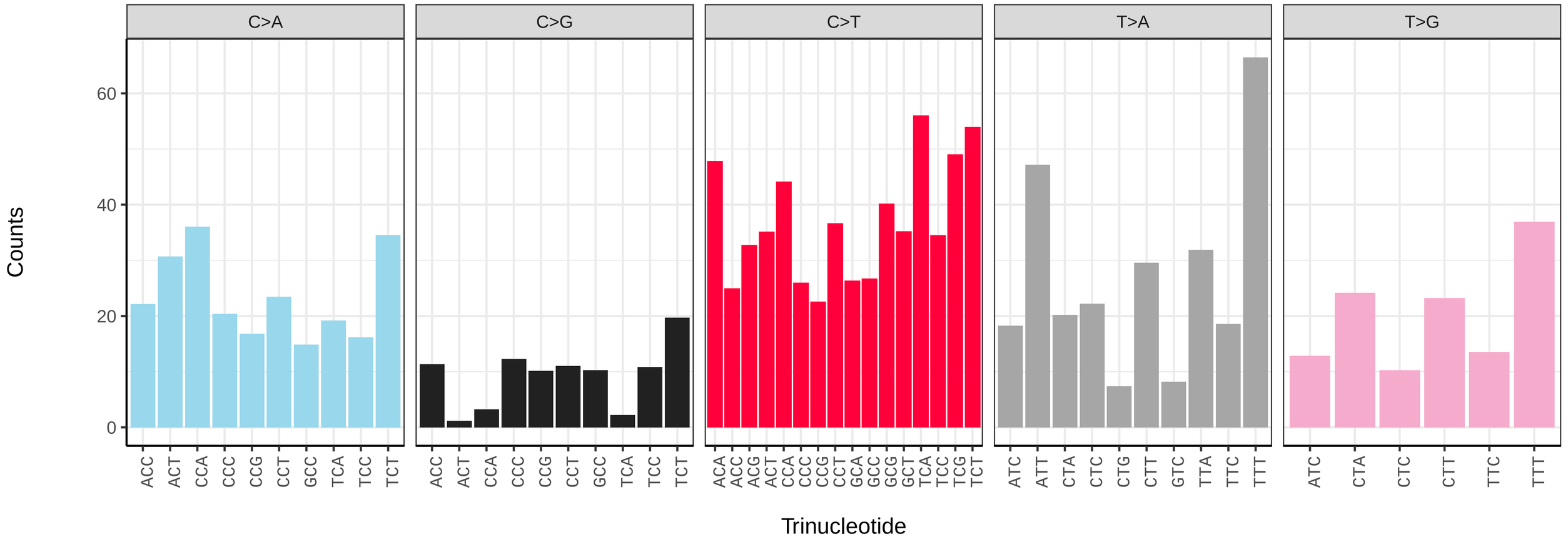
Clostera curtula (ilCloCurt1) germline mutational spectrum



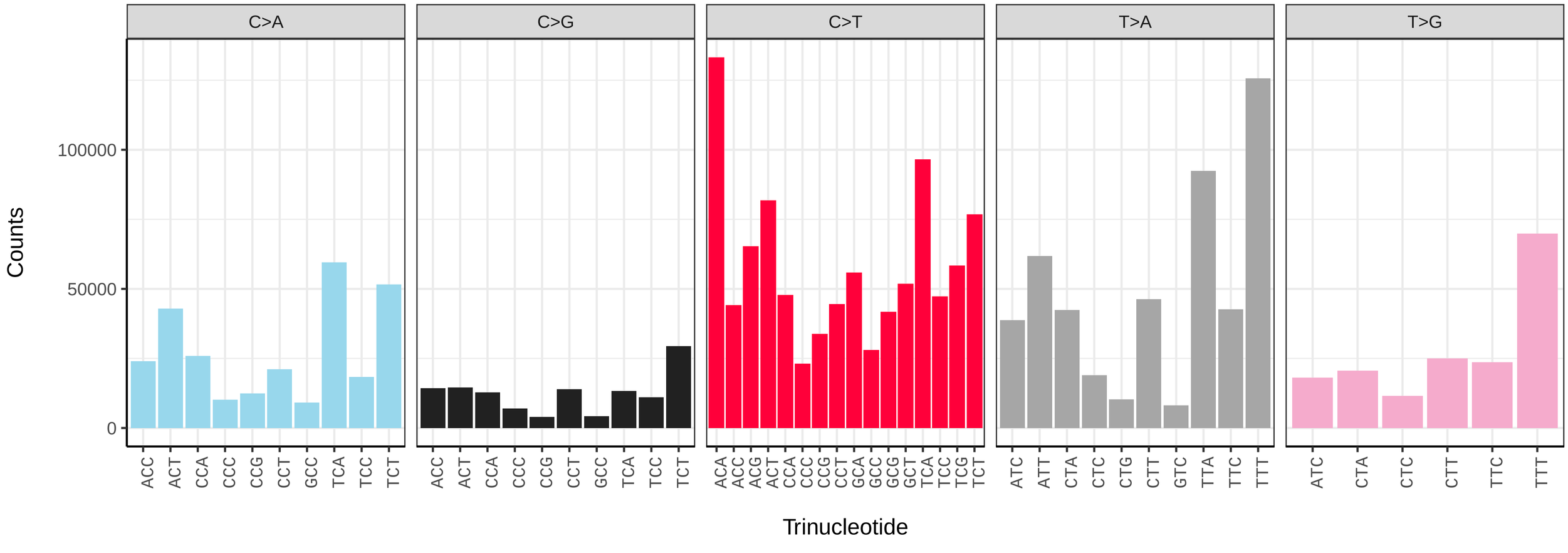
Clostera curtula (ilCloCurt1) somatic mutational spectrum (SBS96 classification)



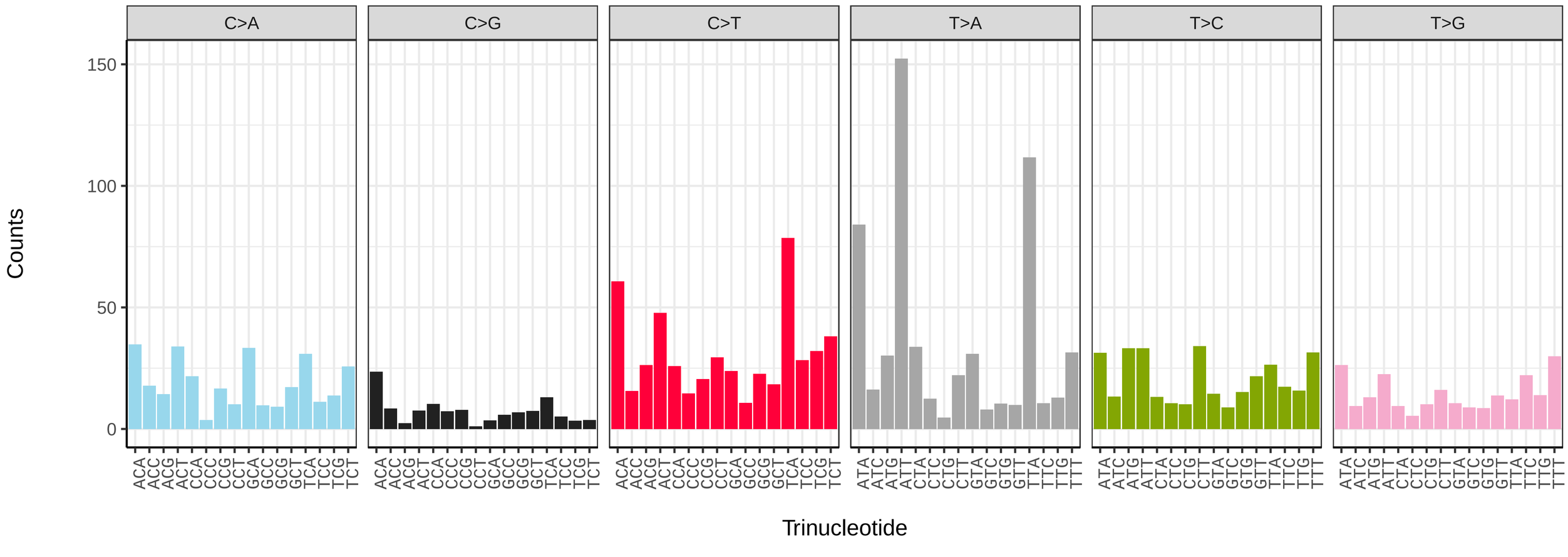
Clostera curtula (ilCloCurt1) somatic mutational spectrum (SBS52 classification)



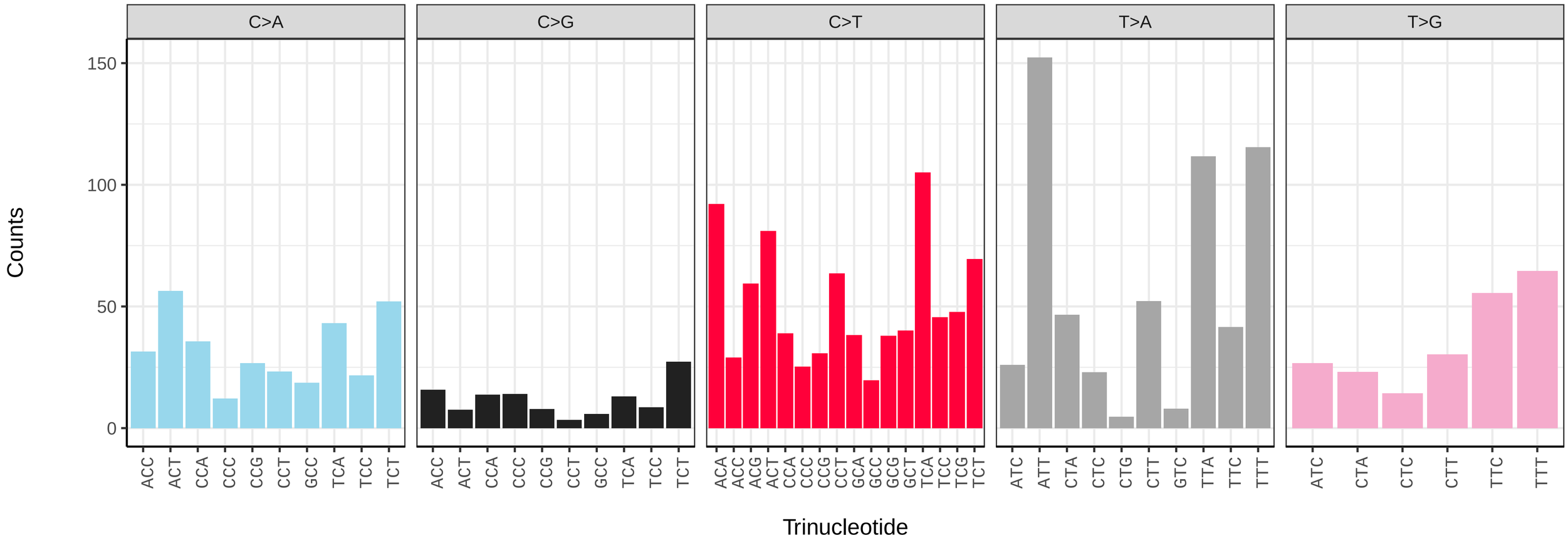
Colias croceus (ilColCroc2) germline mutational spectrum



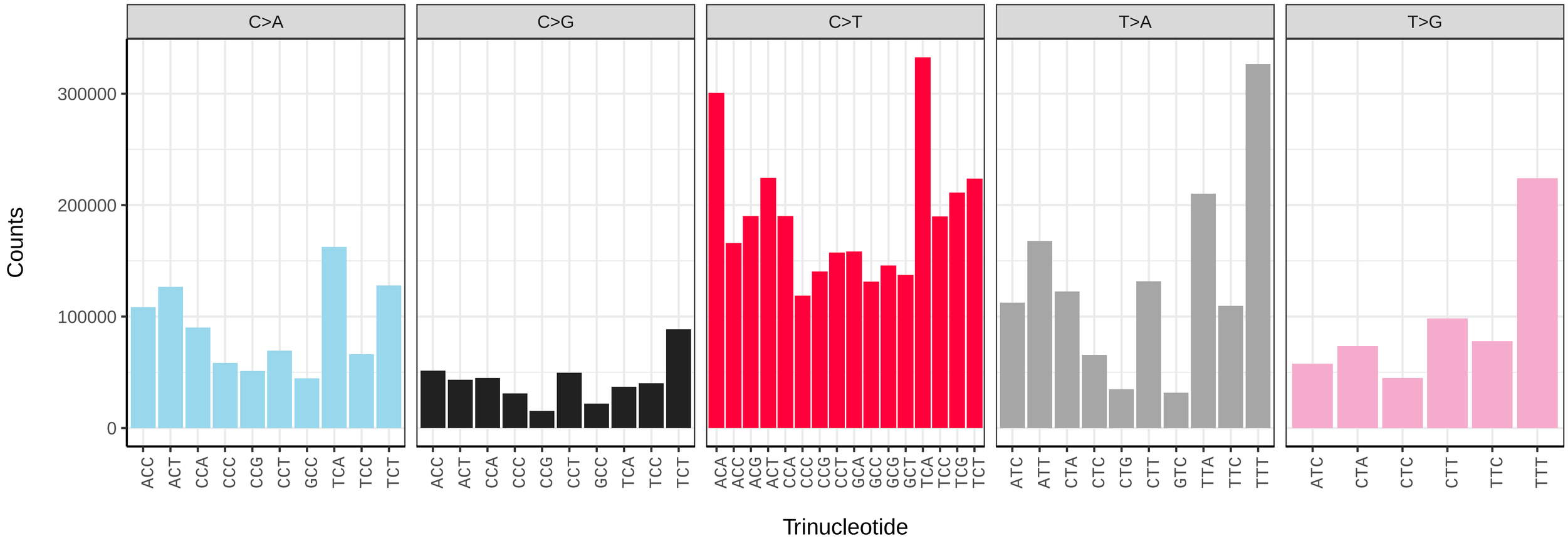
Colias croceus (ilColCroc2) somatic mutational spectrum (SBS96 classification)



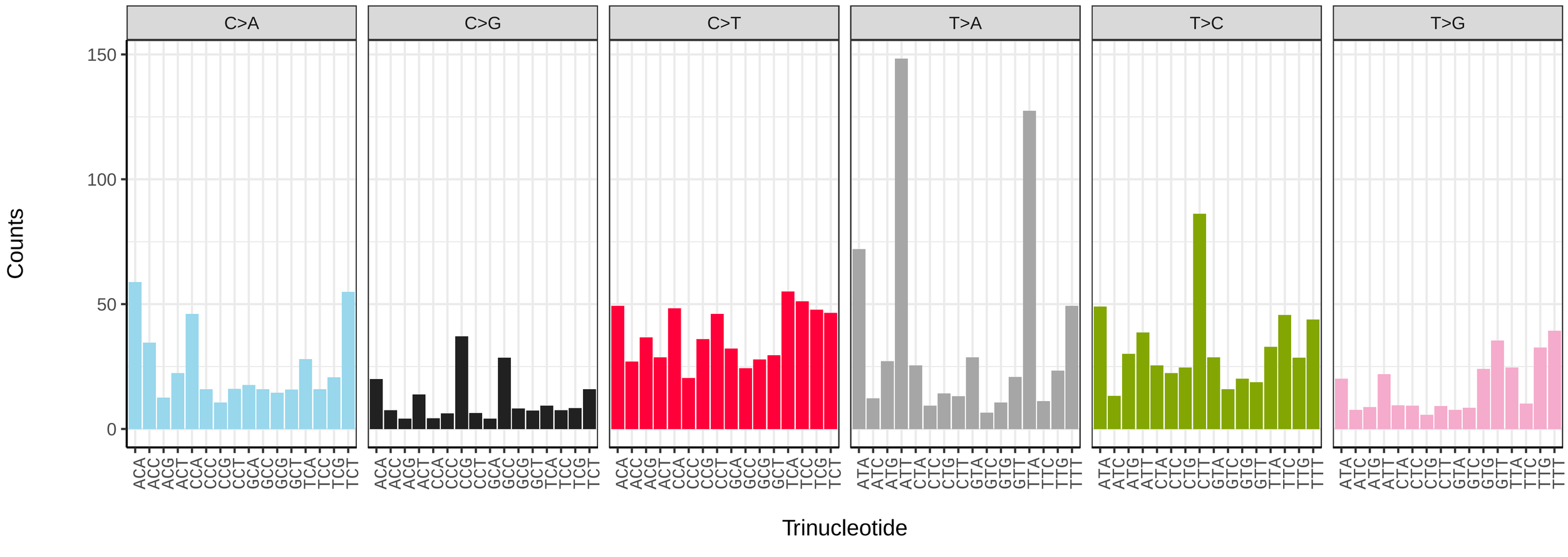
Colias croceus (ilColCroc2) somatic mutational spectrum (SBS52 classification)



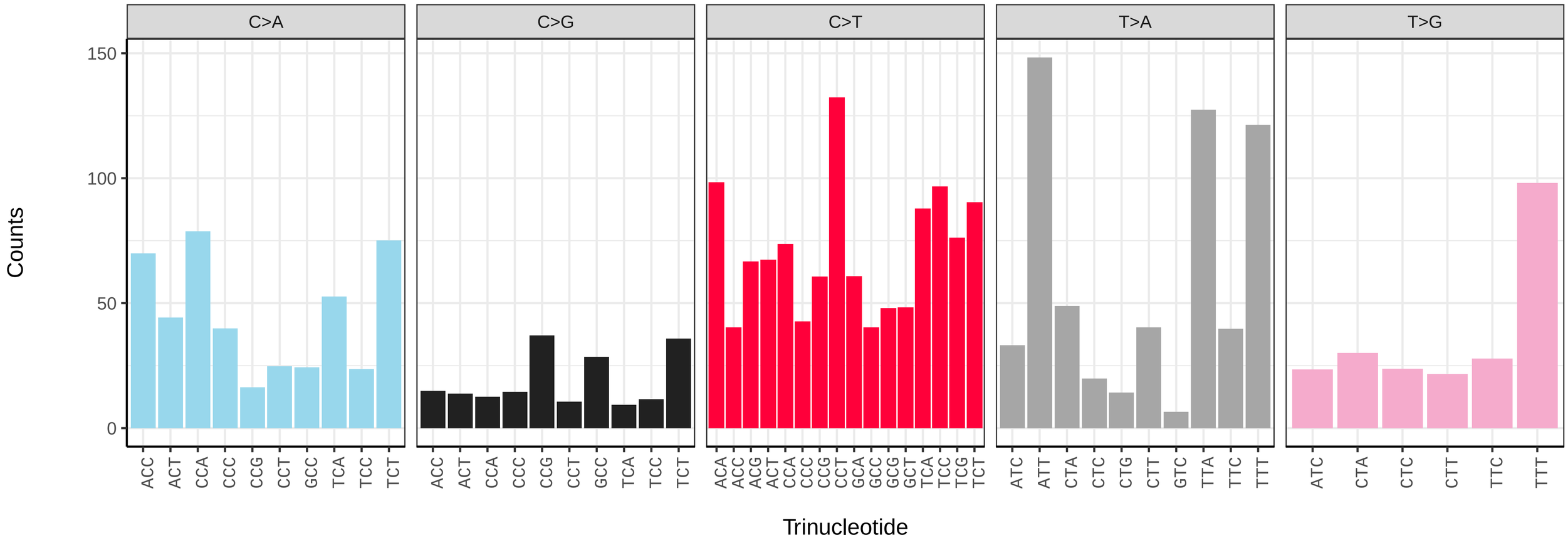
Coleophora flavipennella (ilColFlav1) germline mutational spectrum



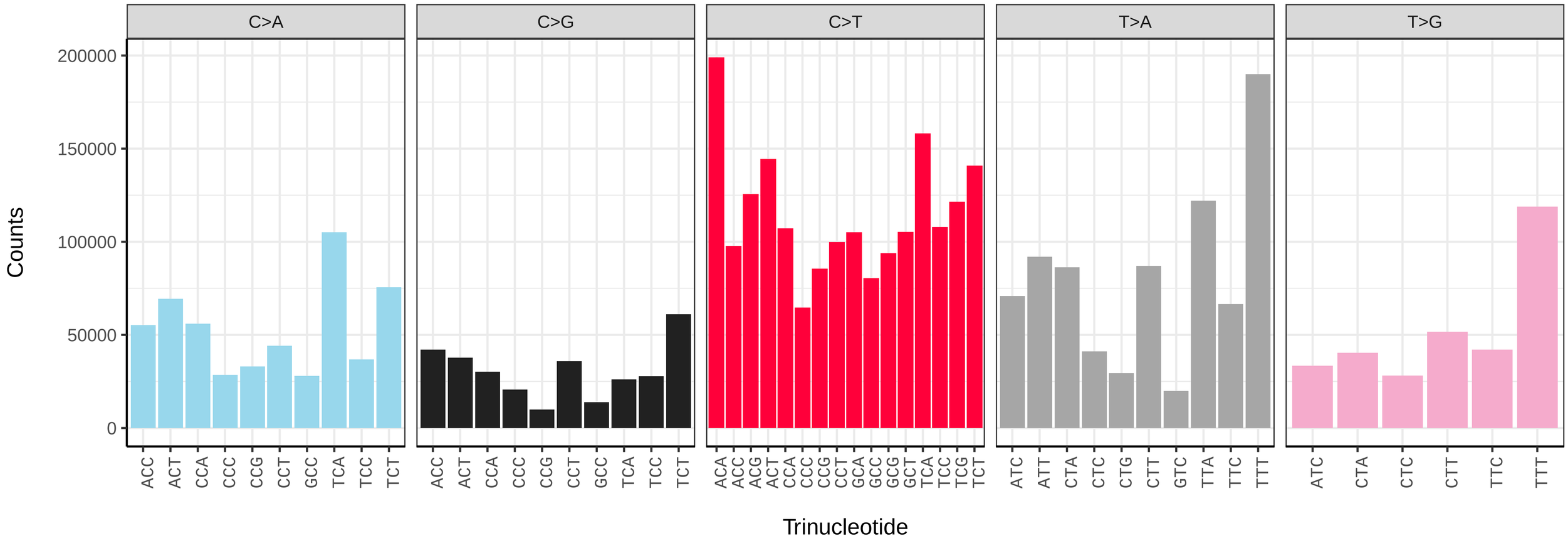
Coleophora flavipennella (ilColFlav1) somatic mutational spectrum (SBS96 classification)



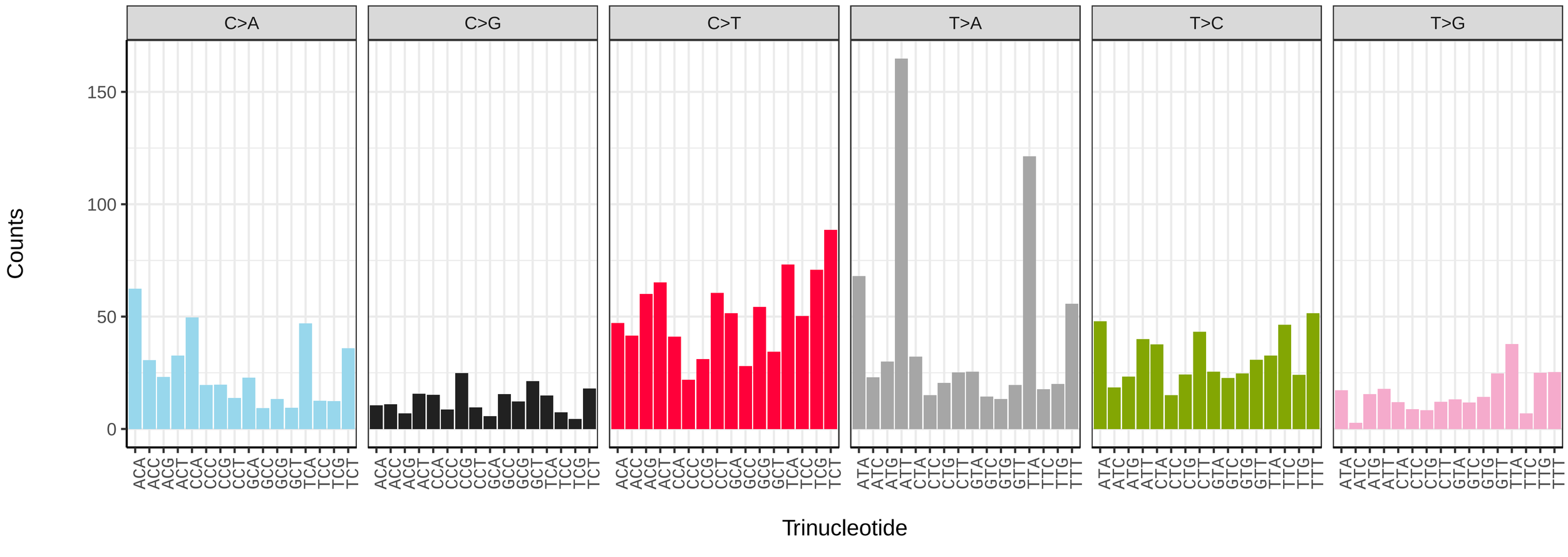
Coleophora flavipennella (ilColFlav1) somatic mutational spectrum (SBS52 classification)



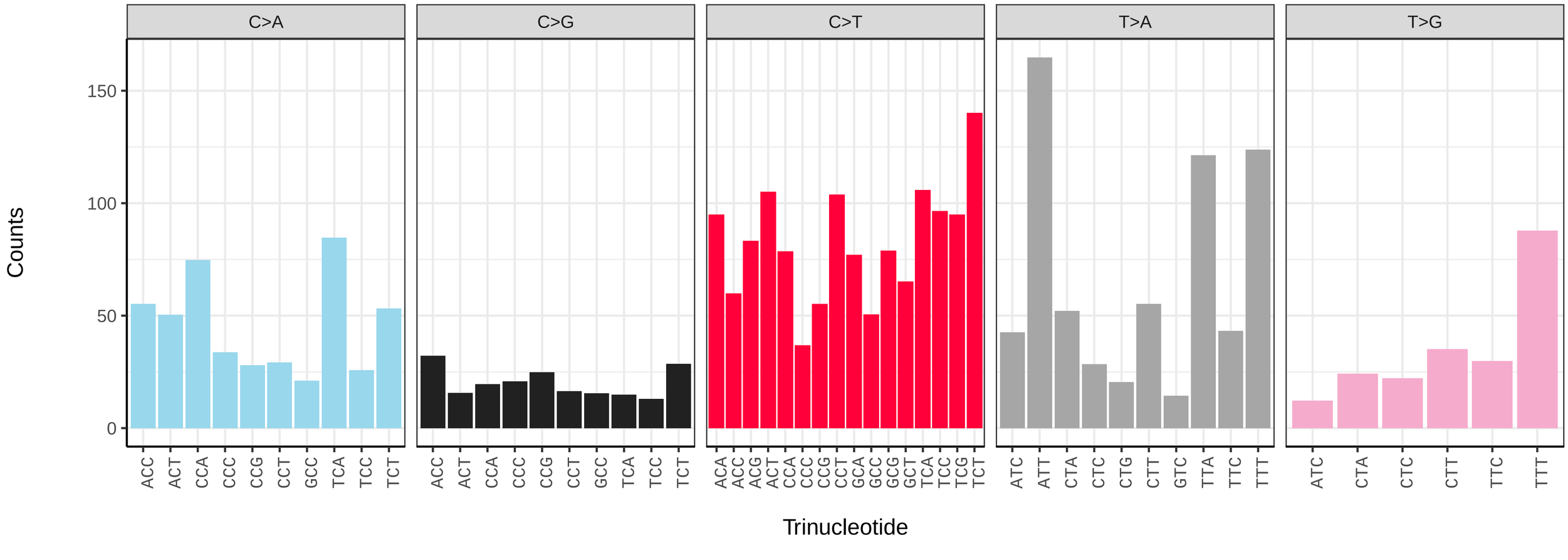
Conistra vaccinii (ilConVacc3) germline mutational spectrum



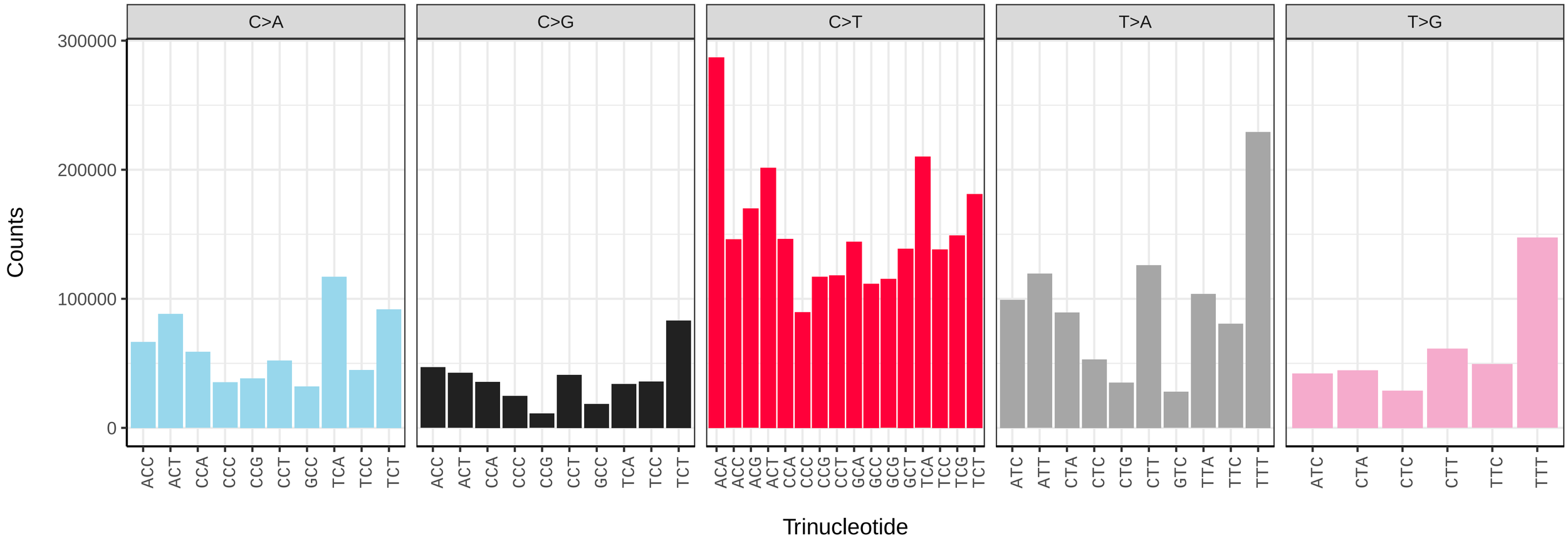
Conistra vaccinii (ilConVacc3) somatic mutational spectrum (SBS96 classification)



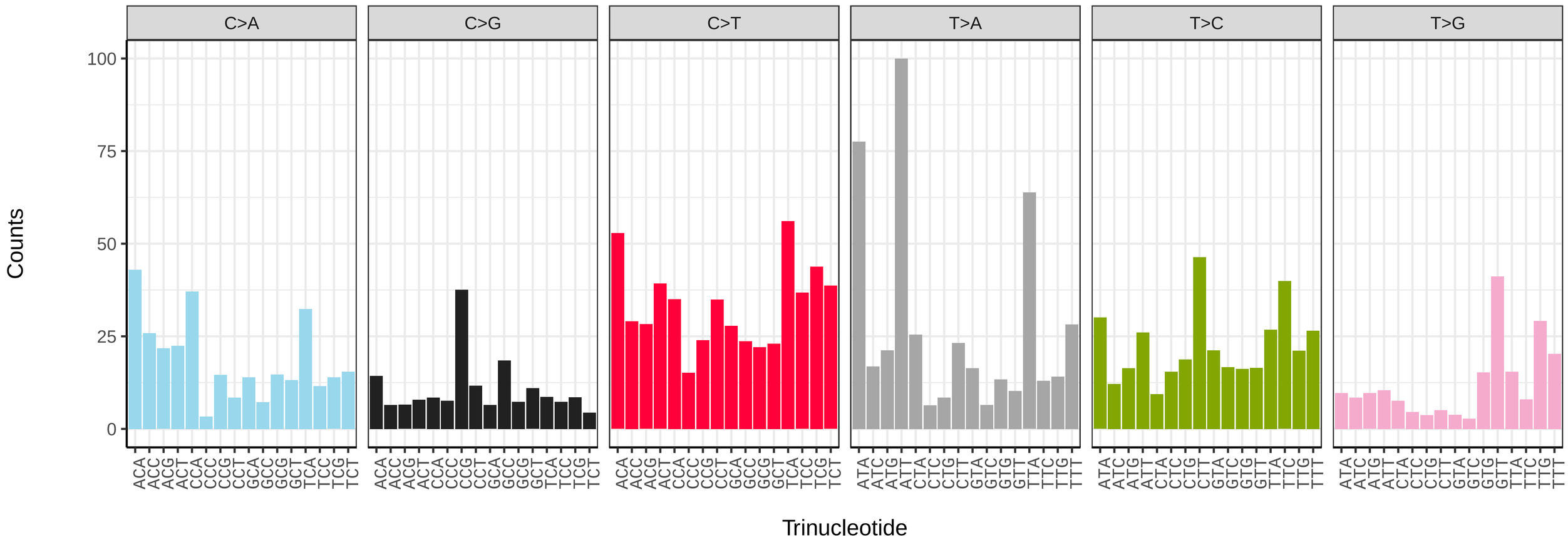
Conistra vaccinii (ilConVacc3) somatic mutational spectrum (SBS52 classification)



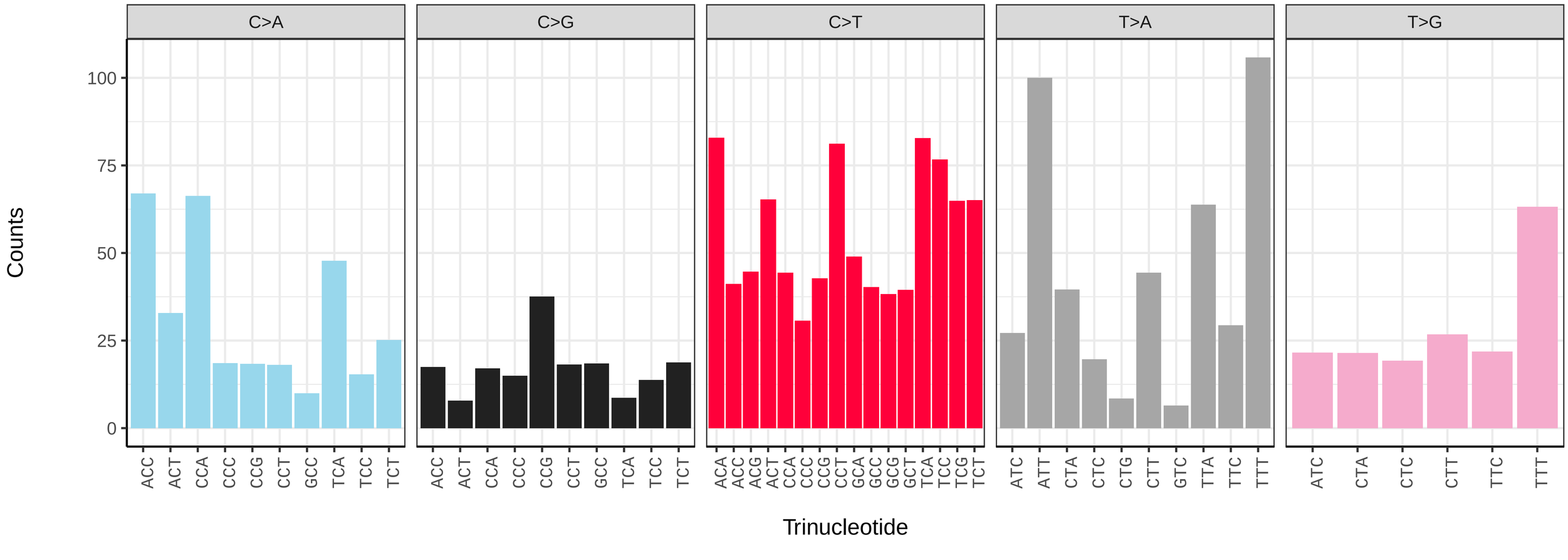
Cosmia pyralina (ilCosPyra2) germline mutational spectrum



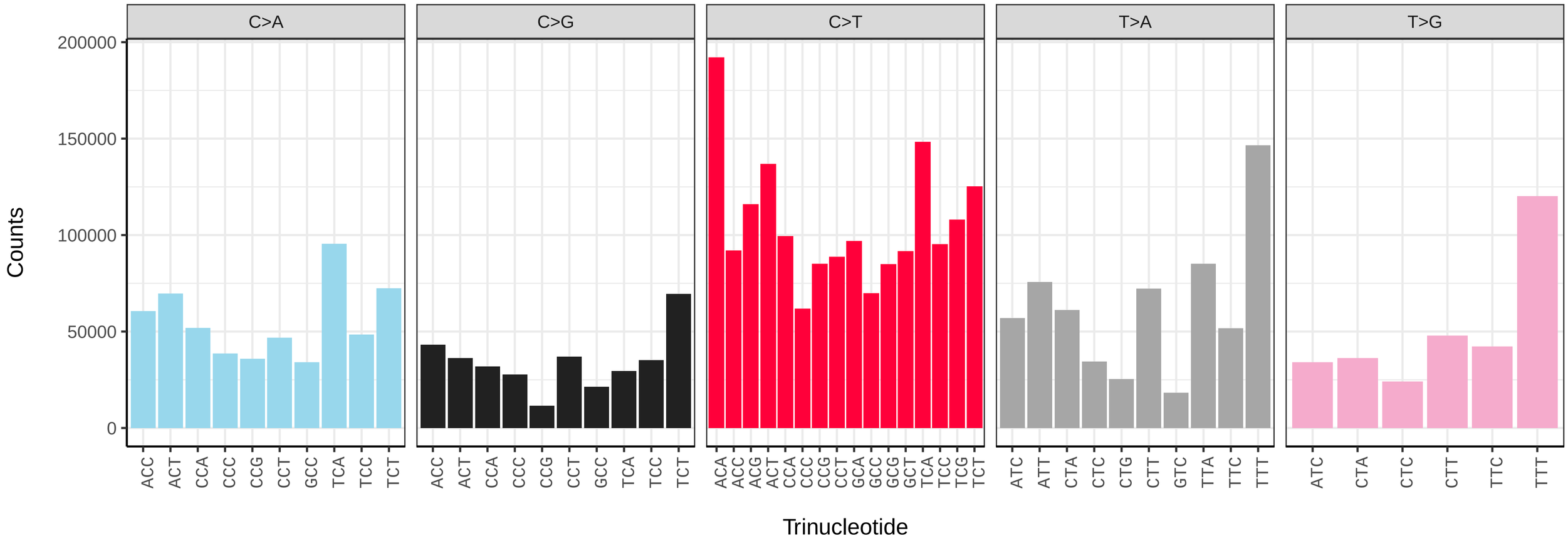
Cosmia pyralina (ilCosPyra2) somatic mutational spectrum (SBS96 classification)



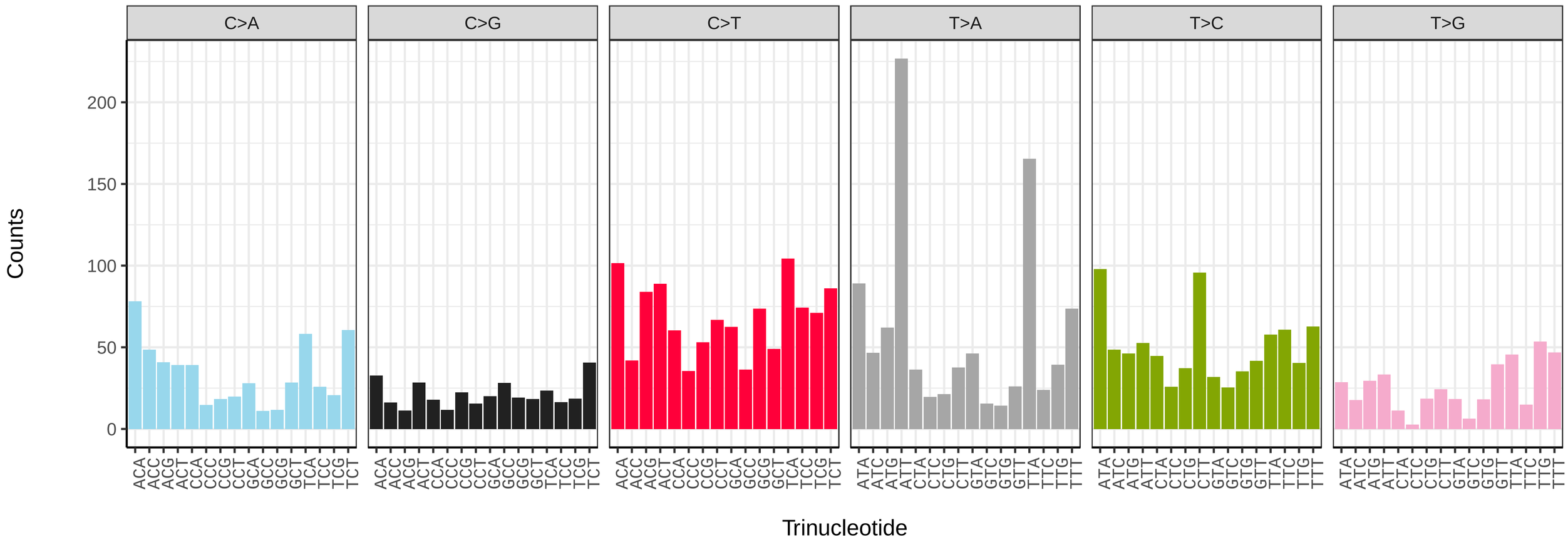
Cosmia pyralina (ilCosPyra2) somatic mutational spectrum (SBS52 classification)



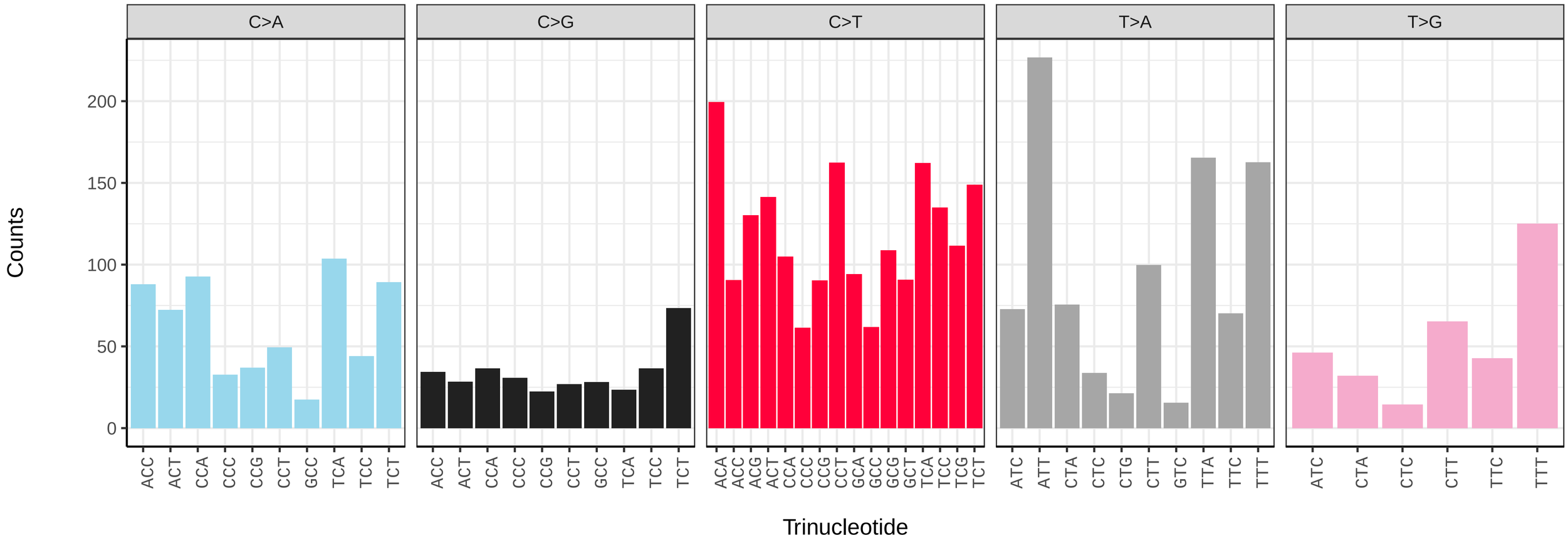
Cosmia trapezina (ilCosTrap1) germline mutational spectrum



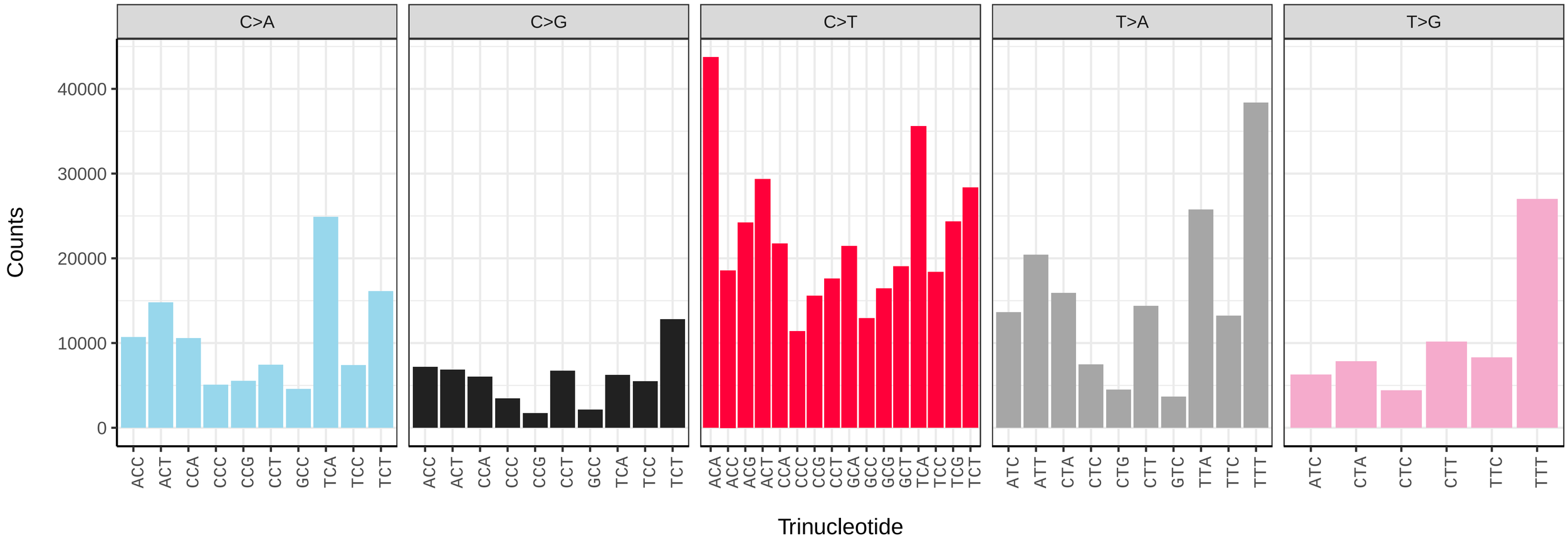
Cosmia trapezina (ilCosTrap1) somatic mutational spectrum (SBS96 classification)



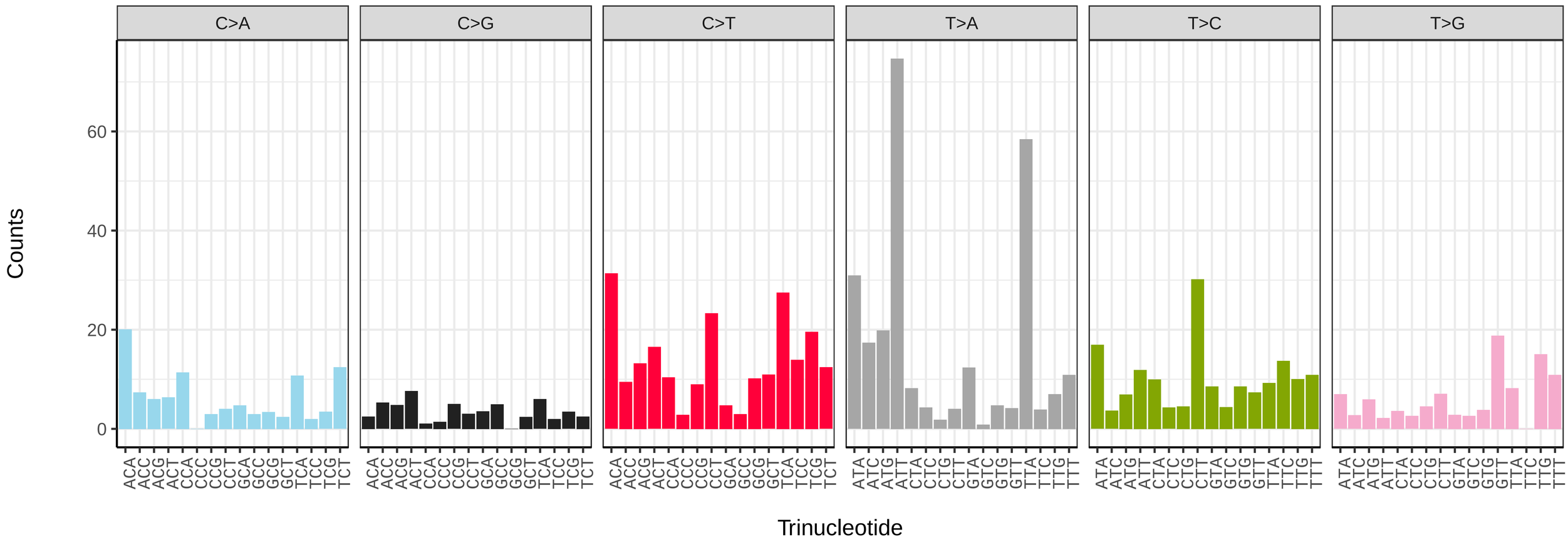
Cosmia trapezina (ilCosTrap1) somatic mutational spectrum (SBS52 classification)



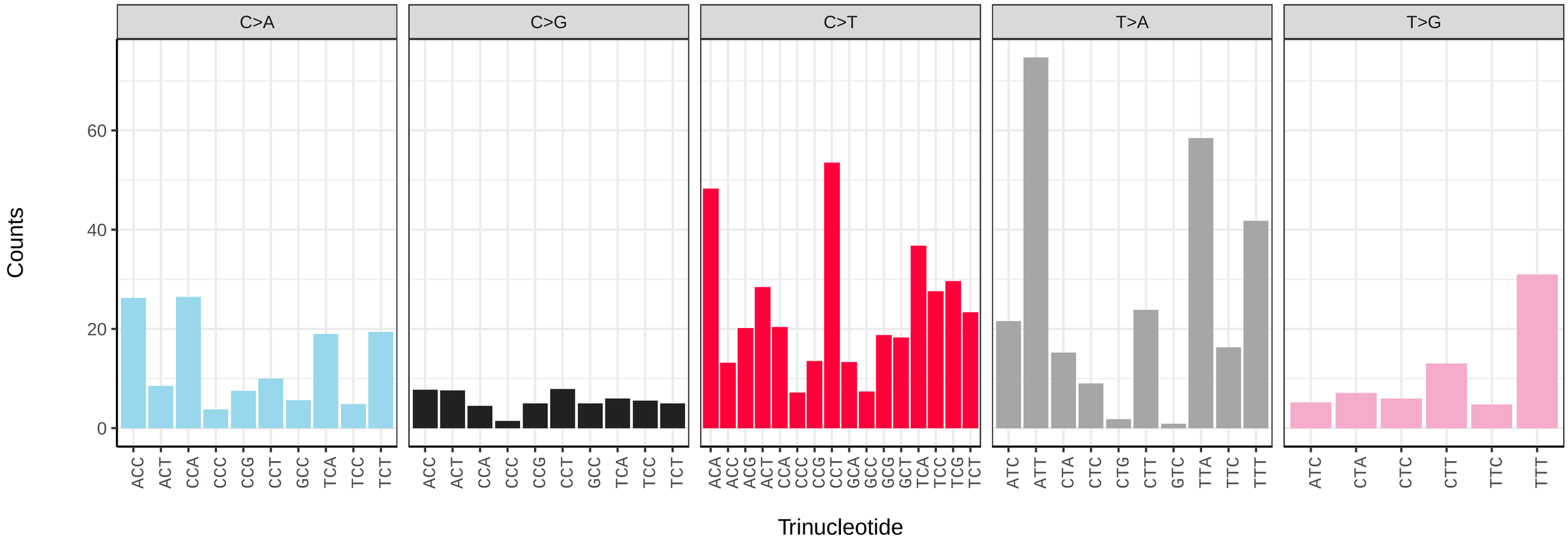
Craniophora ligustri (ilCraLigu1) germline mutational spectrum



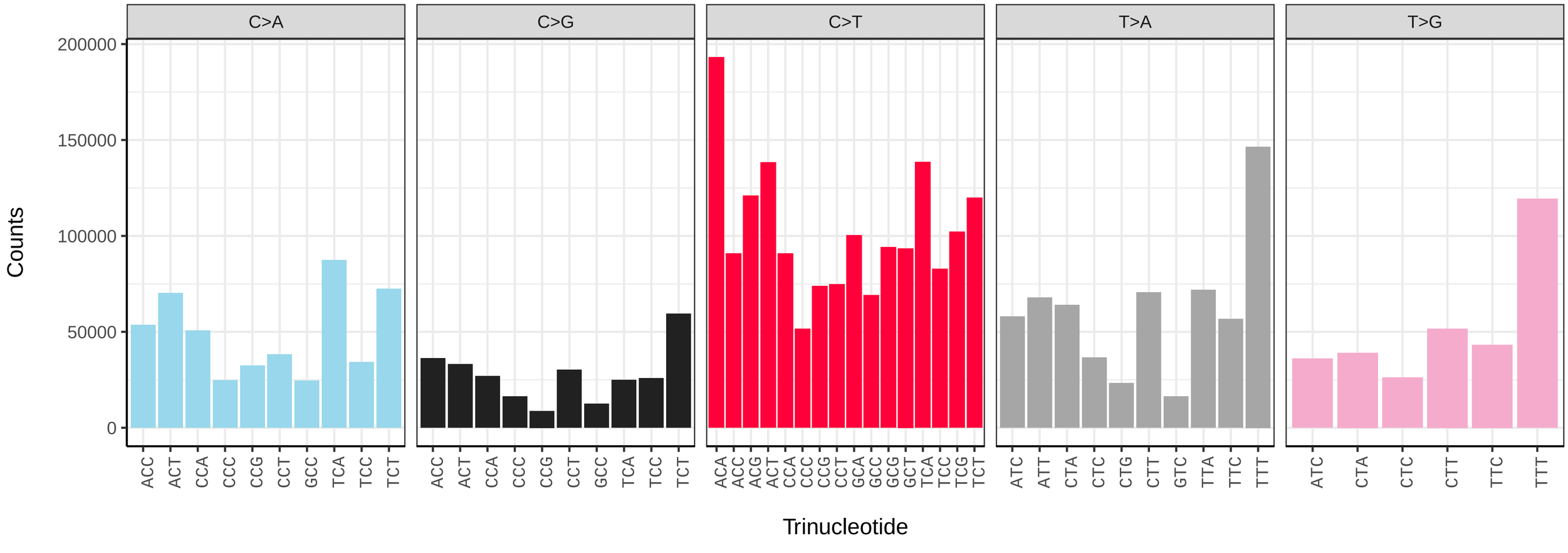
Craniophora ligustri (ilCraLigu1) somatic mutational spectrum (SBS96 classification)



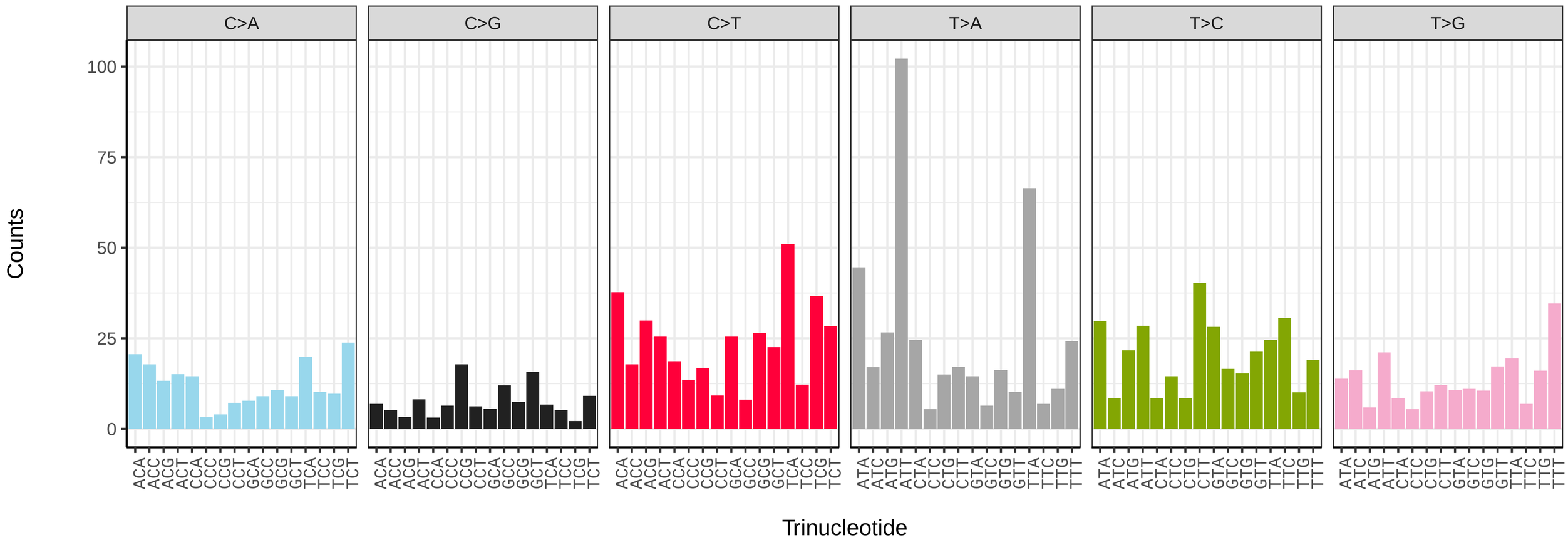
Craniophora ligustri (ilCraLigu1) somatic mutational spectrum (SBS52 classification)



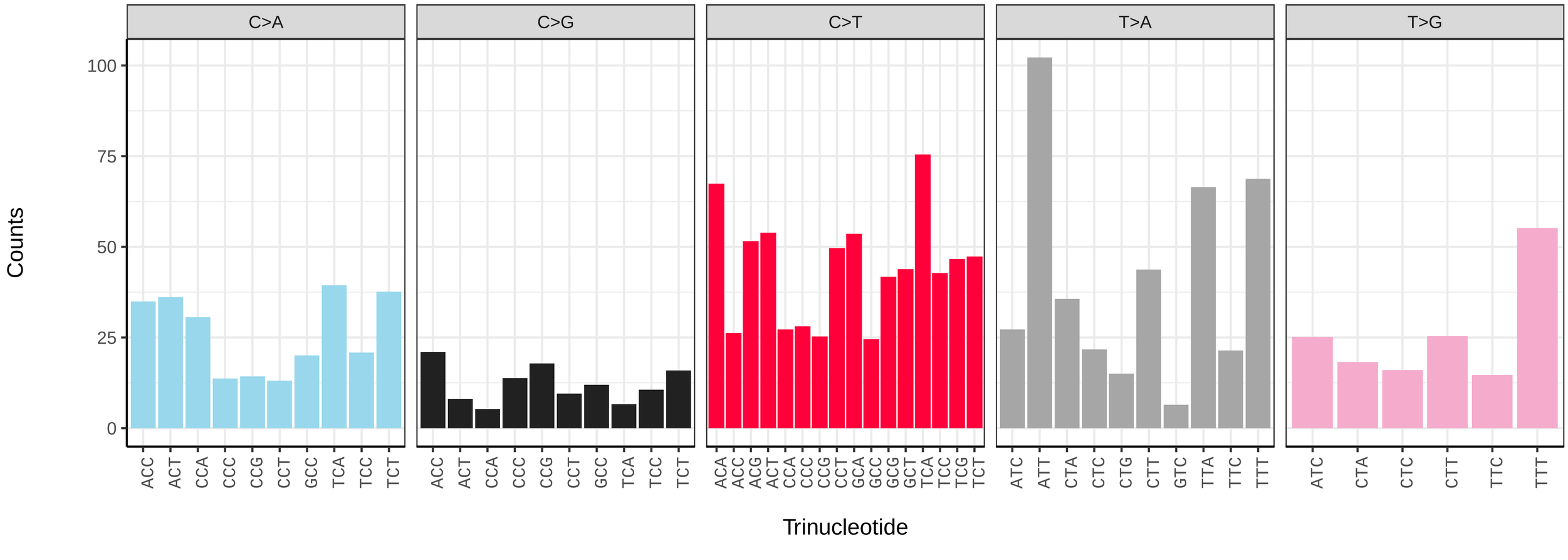
Crocallis elinguaria (ilCroElin1) germline mutational spectrum



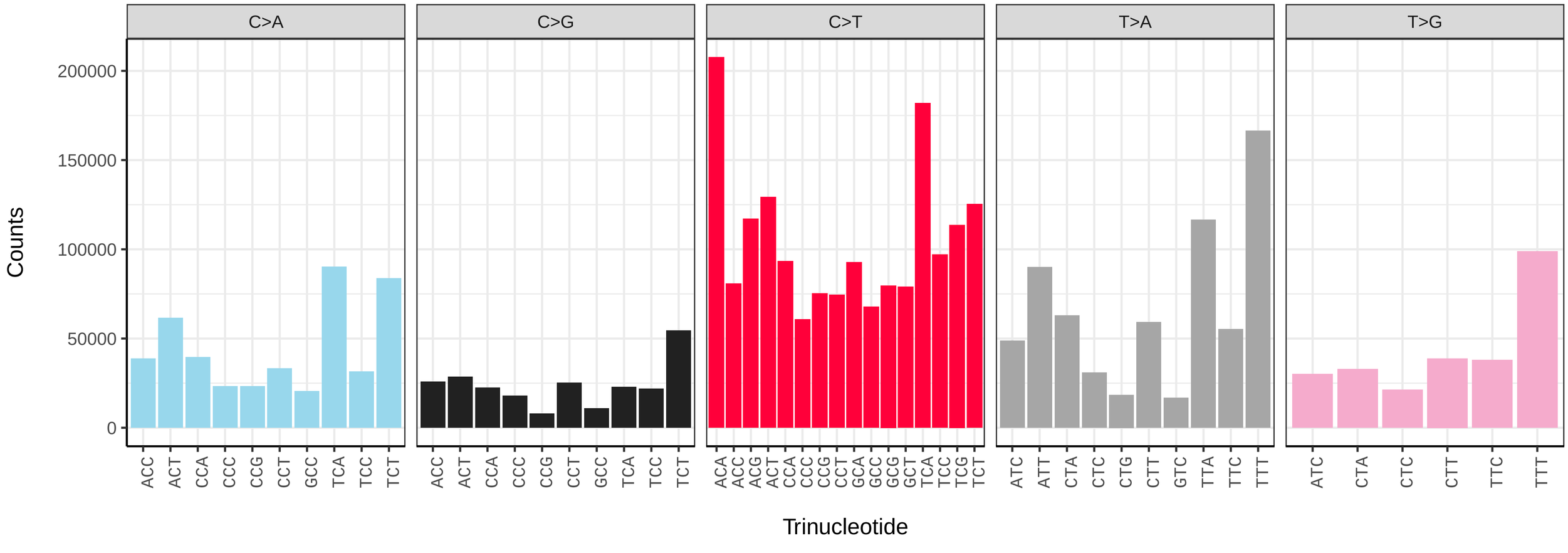
Crocallis elinguaria (ilCroElin1) somatic mutational spectrum (SBS96 classification)



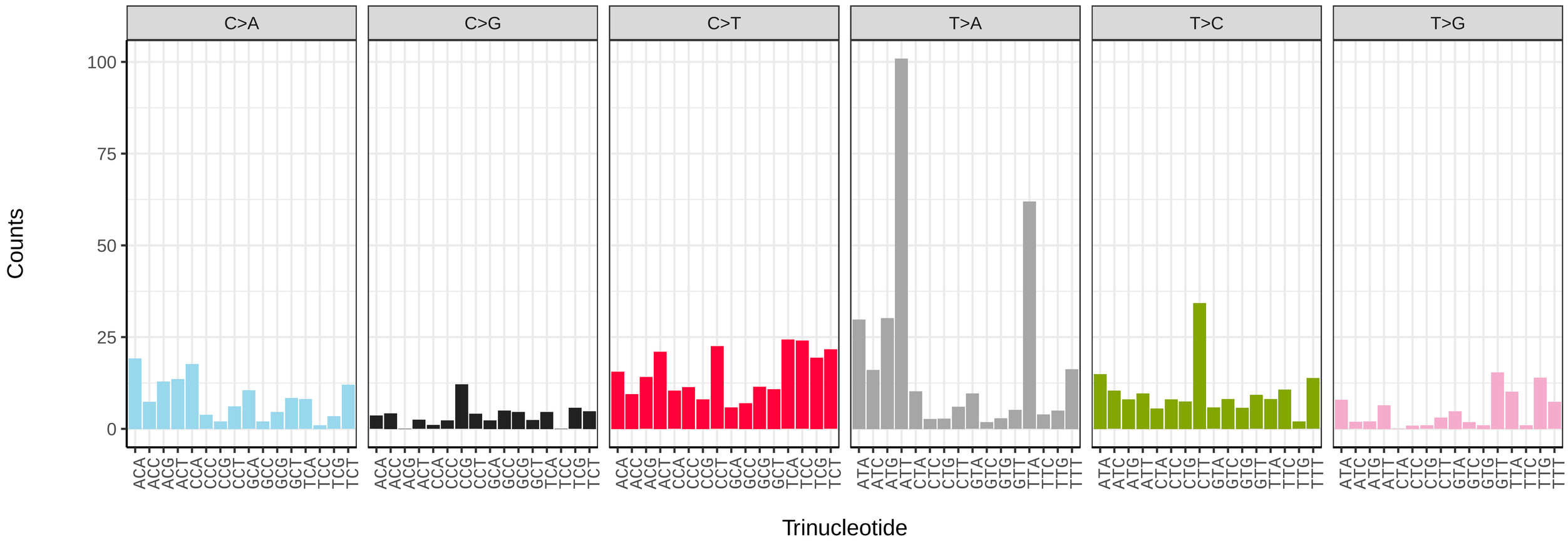
Crocallis elinguaria (ilCroElin1) somatic mutational spectrum (SBS52 classification)



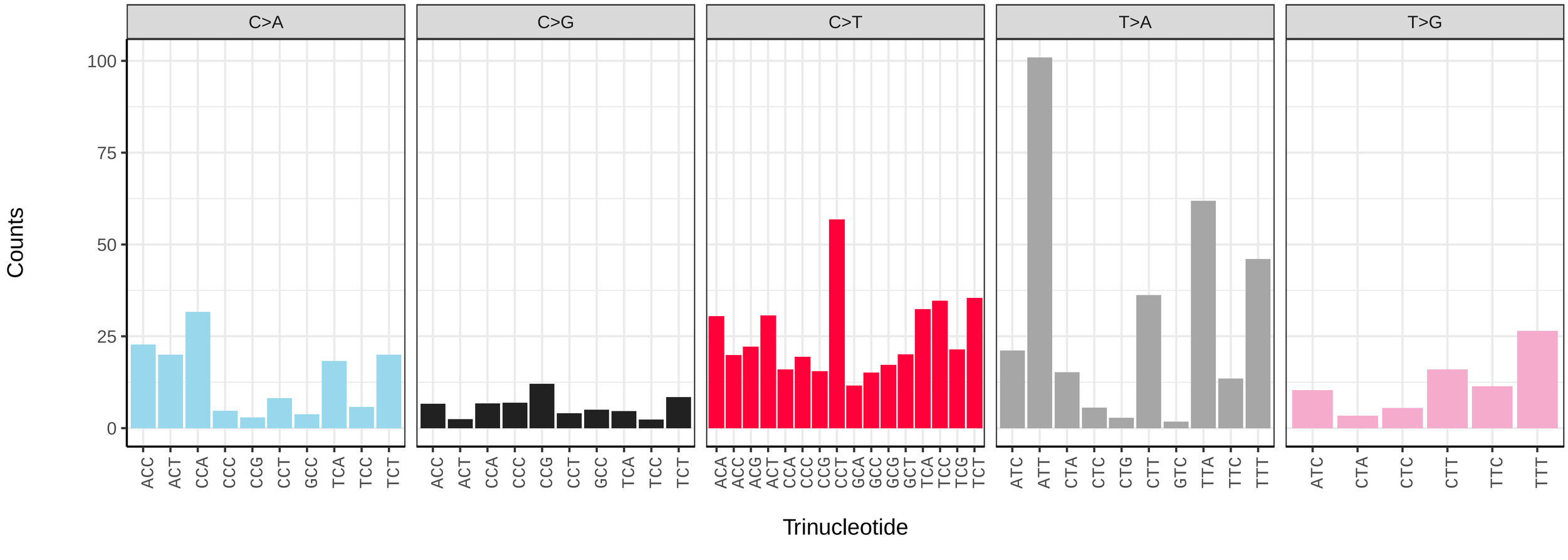
Cyaniris semiargus (ilCyaSemi1) germline mutational spectrum



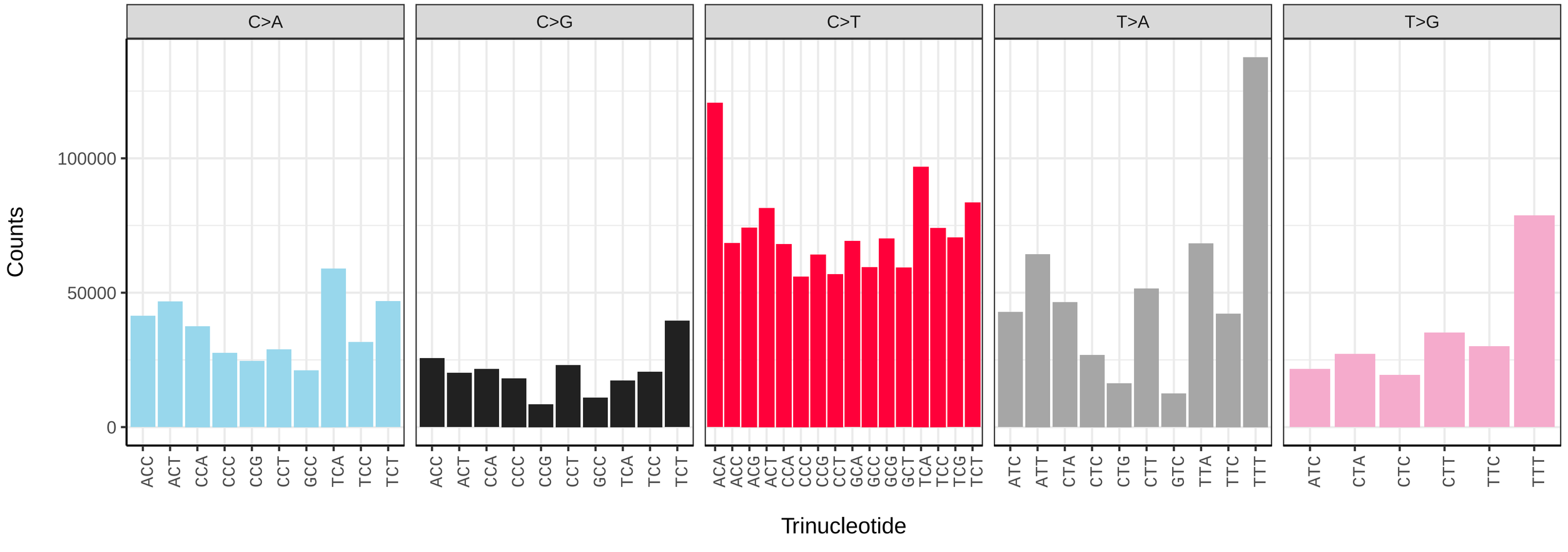
Cyaniris semiargus (ilCyaSemi1) somatic mutational spectrum (SBS96 classification)



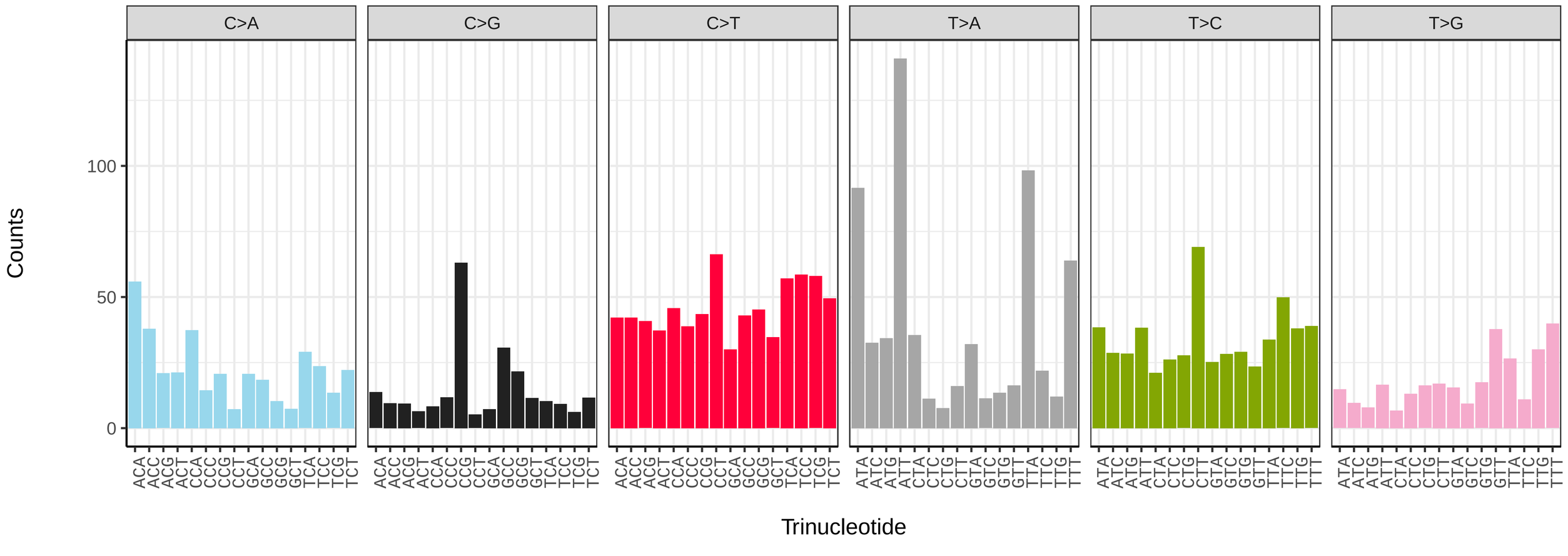
Cyaniris semiargus (ilCyaSemi1) somatic mutational spectrum (SBS52 classification)



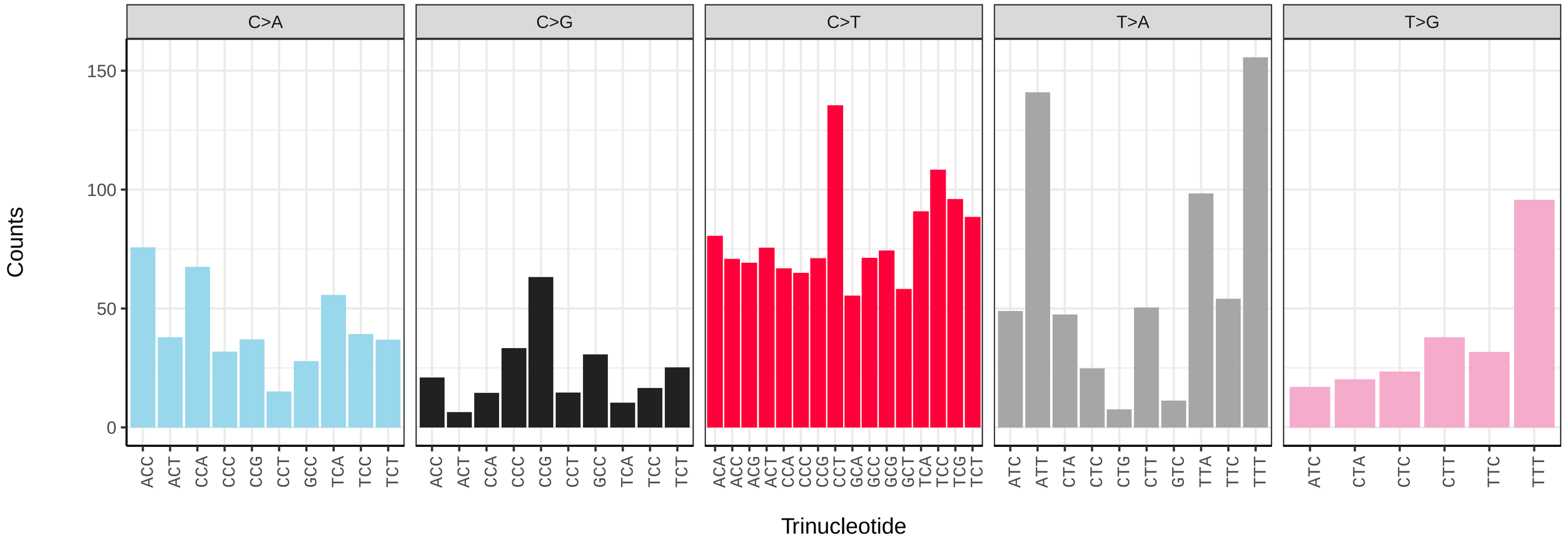
Cybosia mesomella (ilCybMeso1) germline mutational spectrum



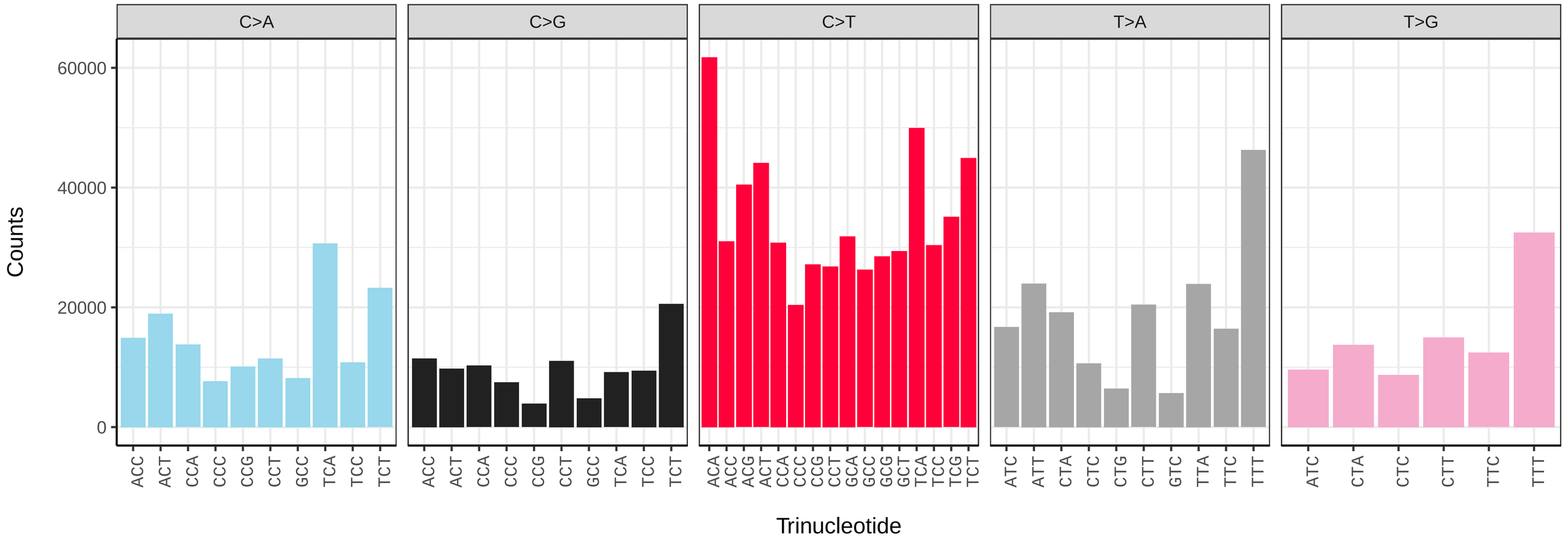
Cybosia mesomella (ilCybMeso1) somatic mutational spectrum (SBS96 classification)



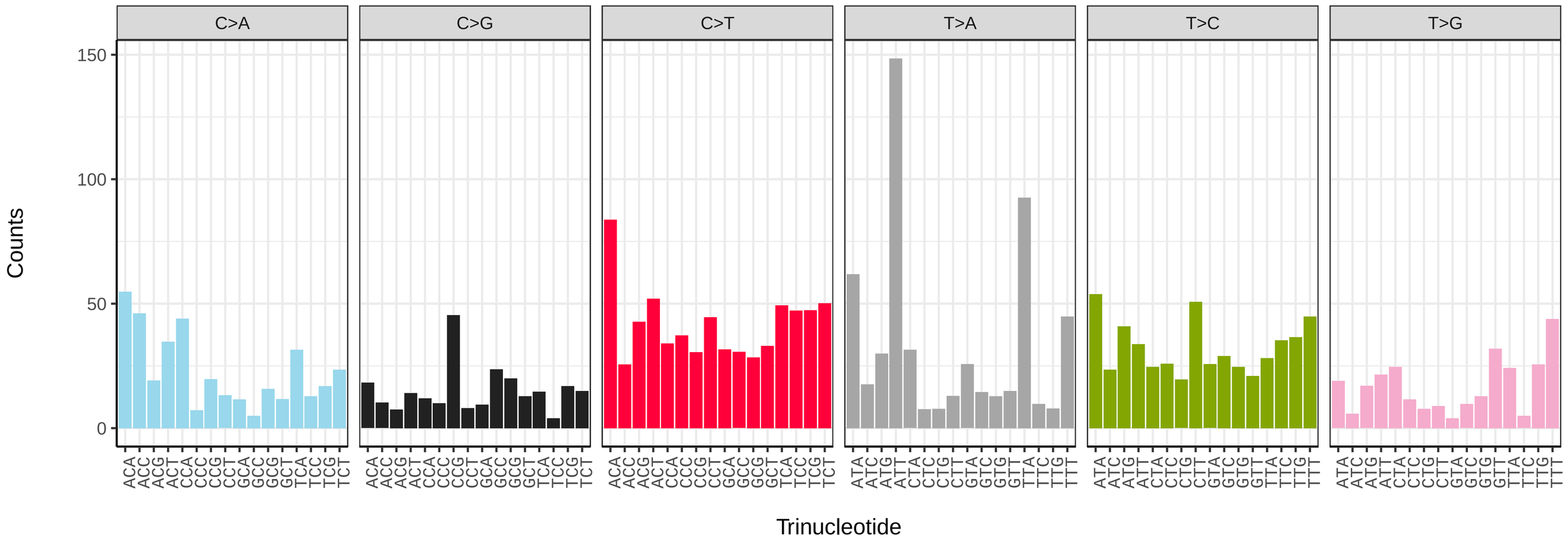
Cybosia mesomella (ilCybMeso1) somatic mutational spectrum (SBS52 classification)



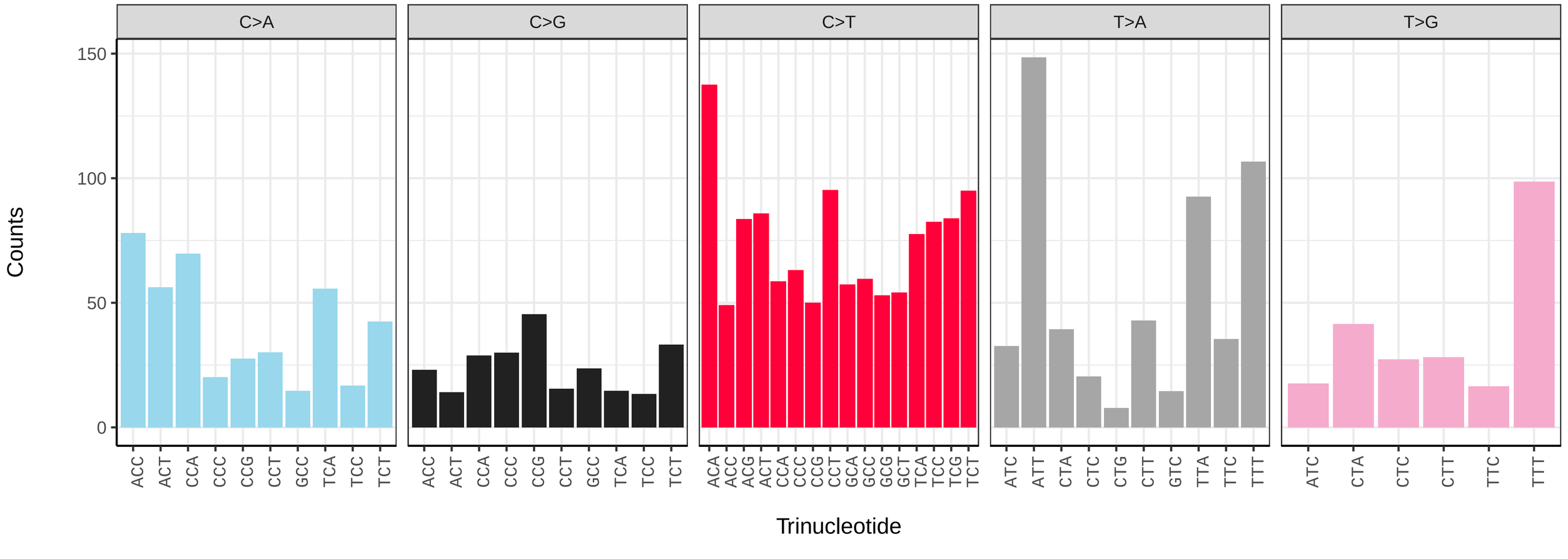
Cydia amplana (ilCydAmpl1) germline mutational spectrum



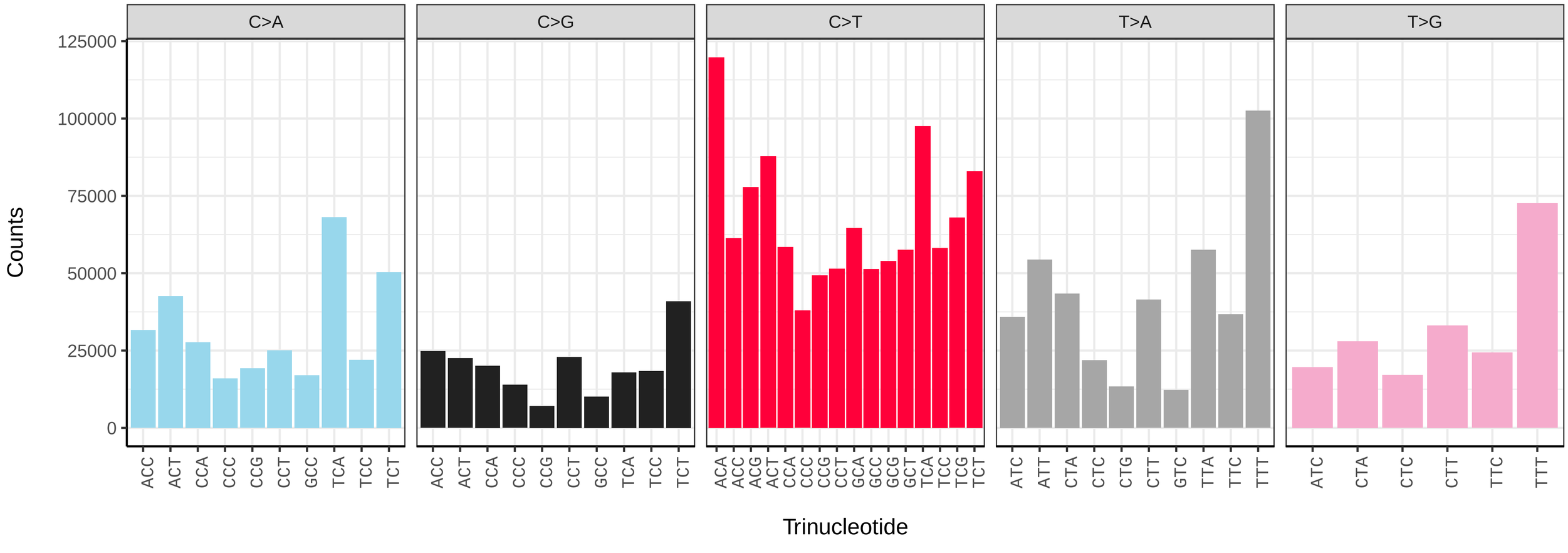
Cydia amplana (ilCydAmpl1) somatic mutational spectrum (SBS96 classification)



Cydia amplana (ilCydAmpl1) somatic mutational spectrum (SBS52 classification)



Cydia splendana (ilCydSple1) germline mutational spectrum



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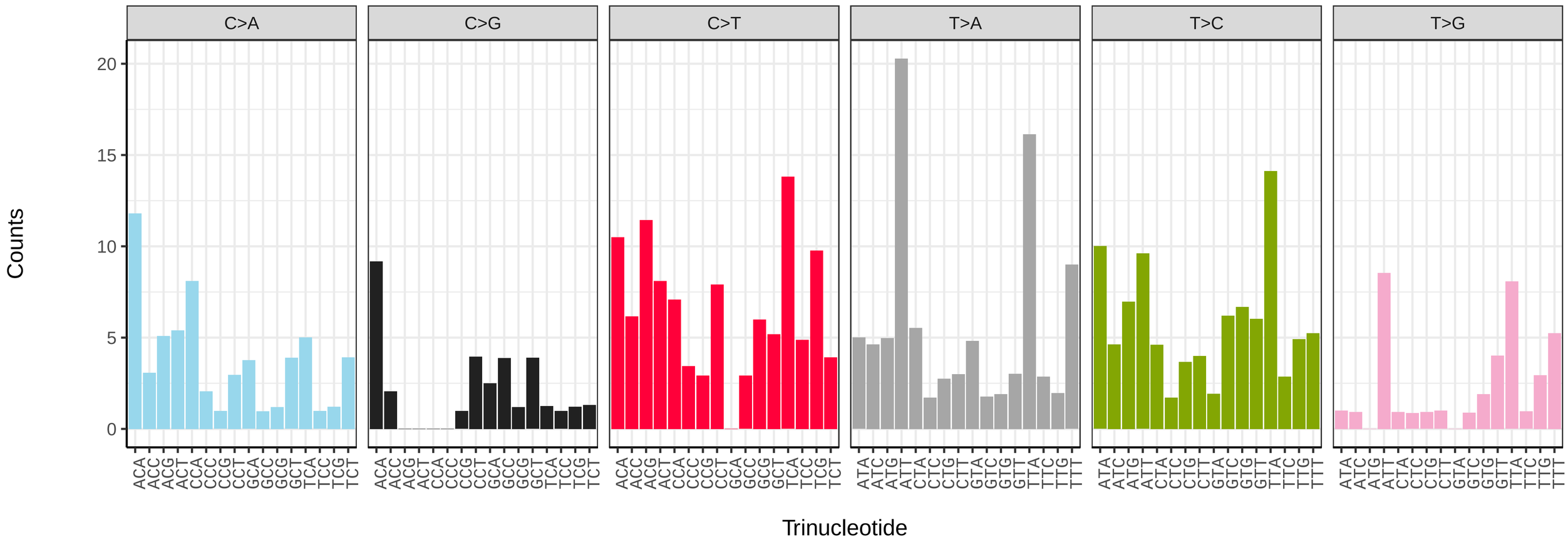
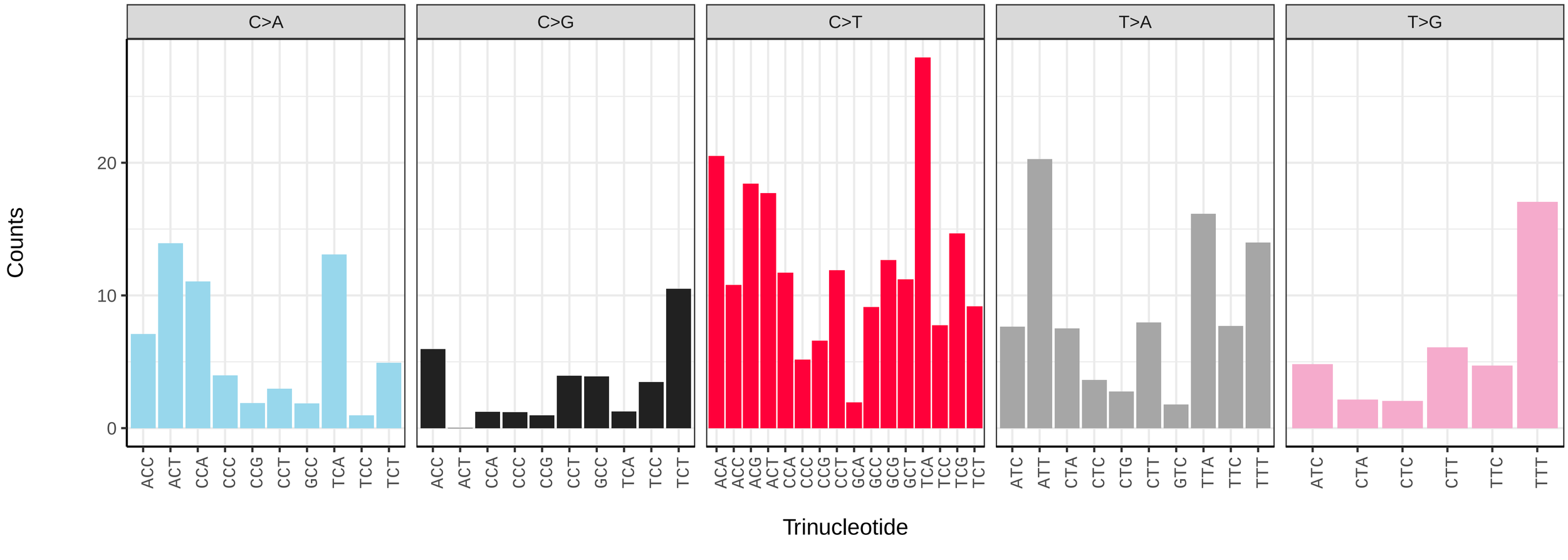
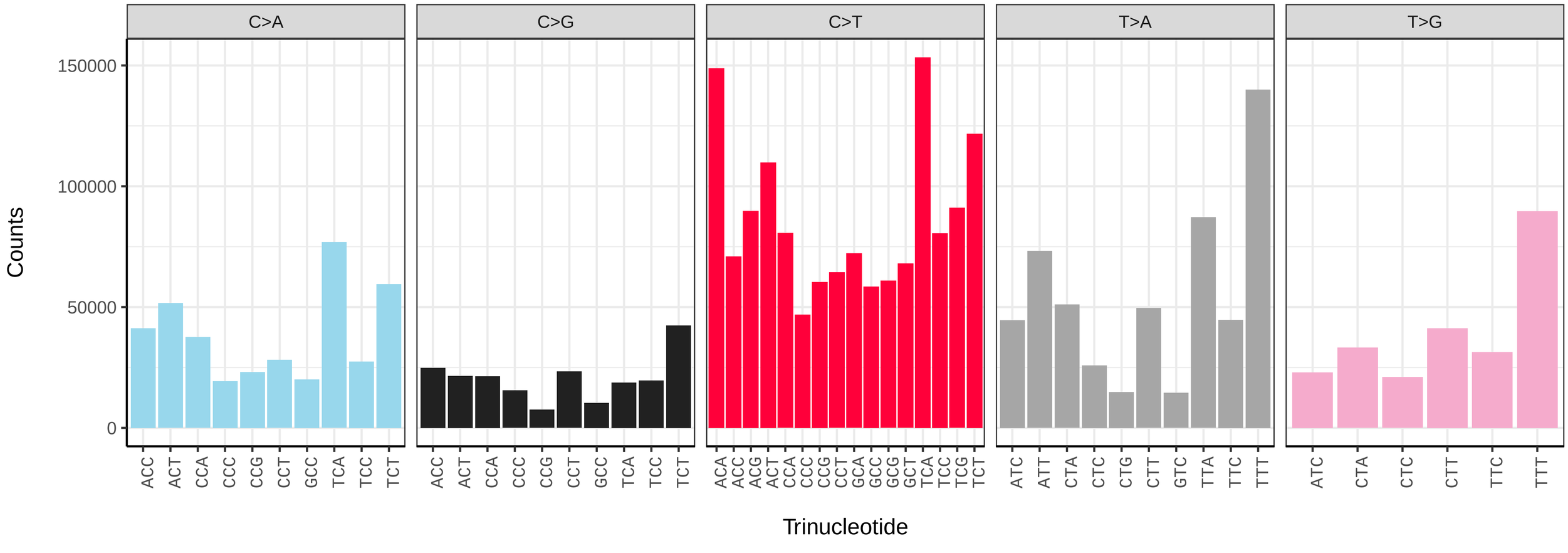


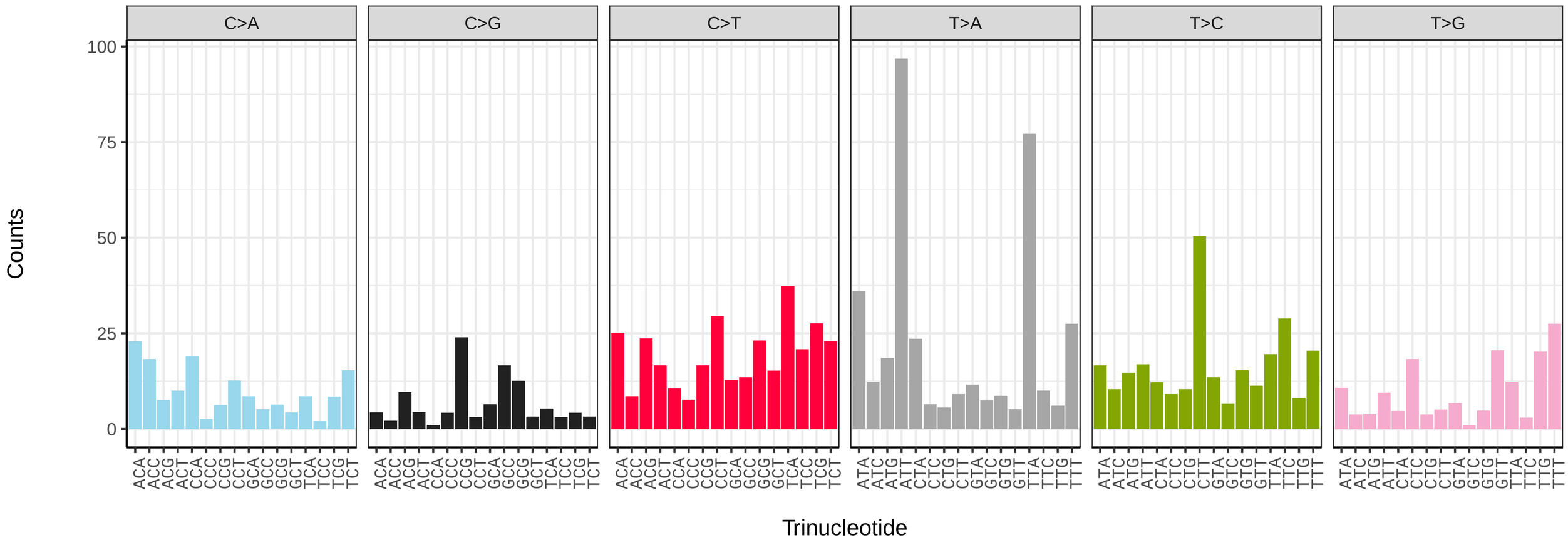
Cydia splendana (ilCydSple1) somatic mutational spectrum (SBS52 classification)



Cydia strobilella (ilCydStro3) germline mutational spectrum



Cydia strobilella (ilCydStro3) somatic mutational spectrum (SBS96 classification)



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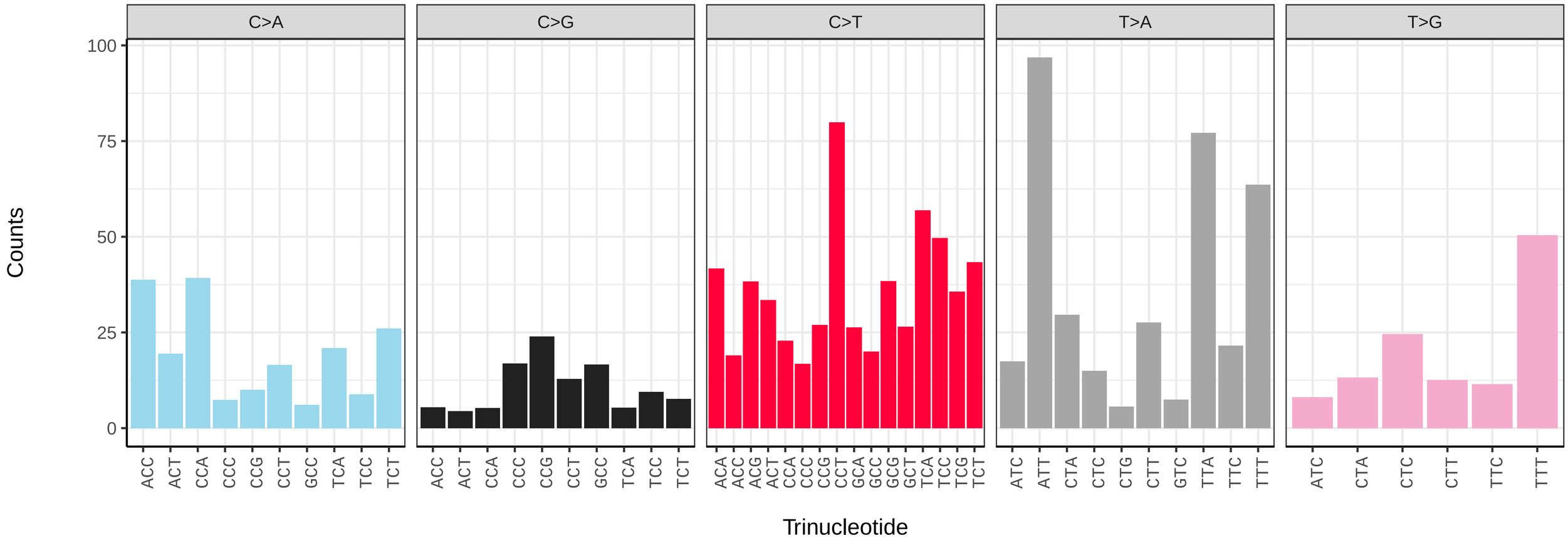

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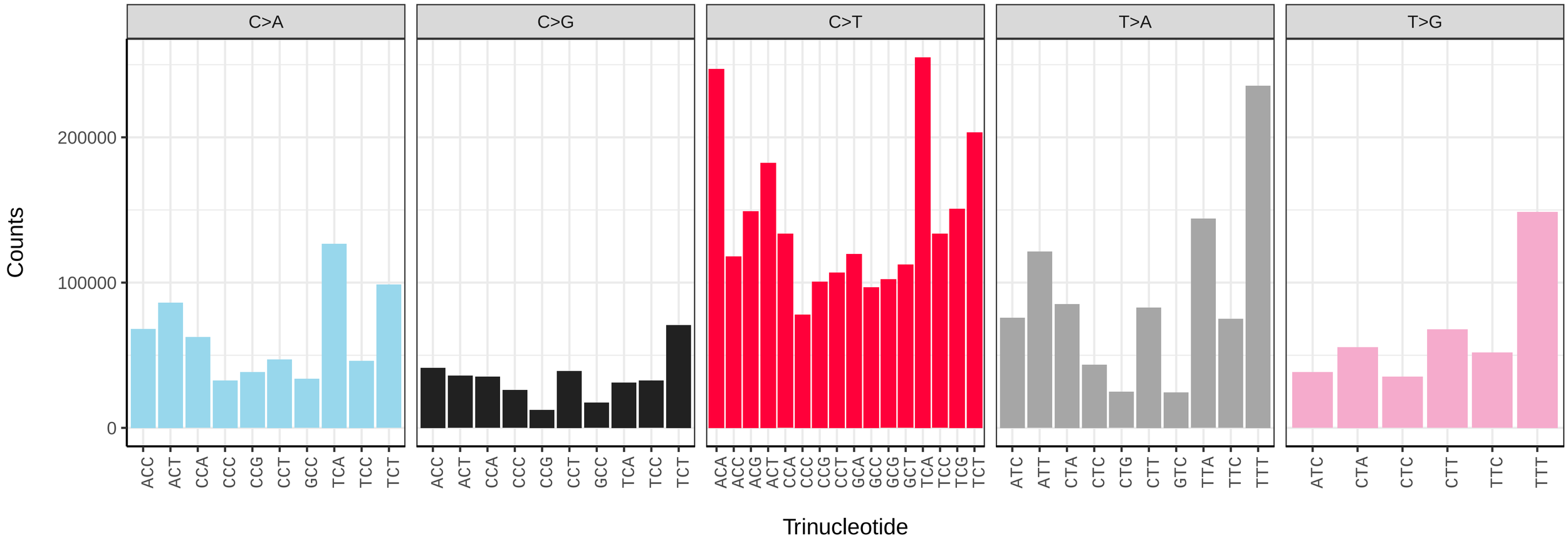

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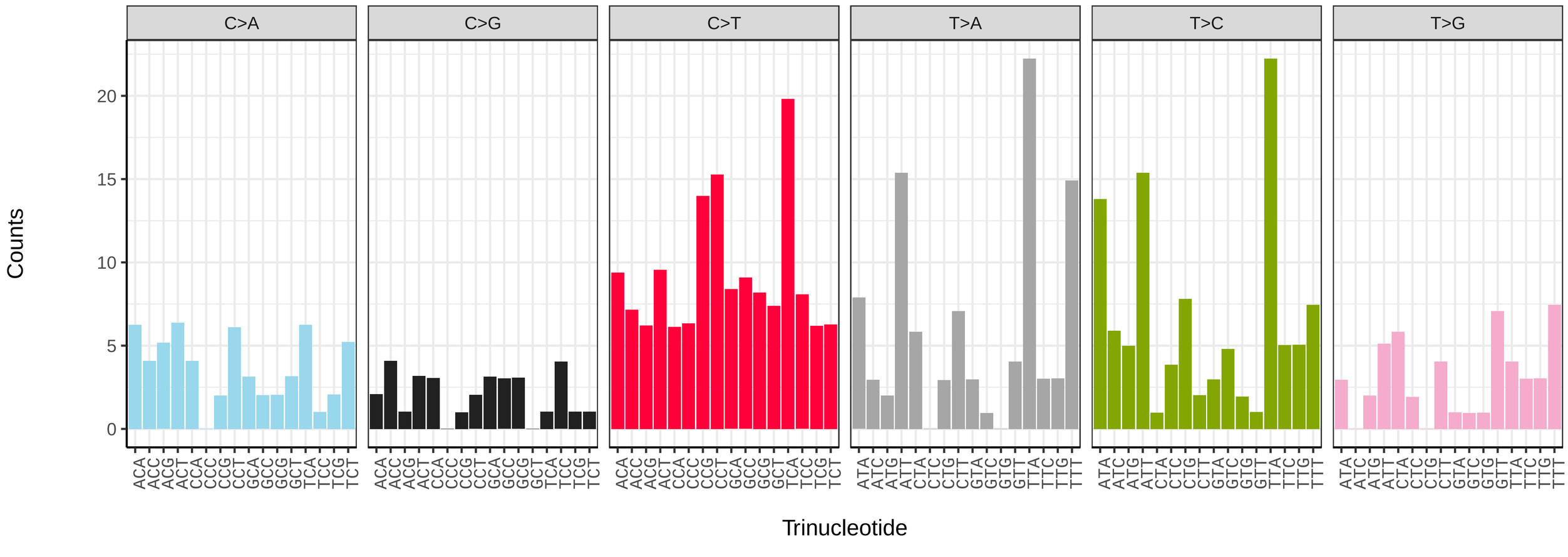
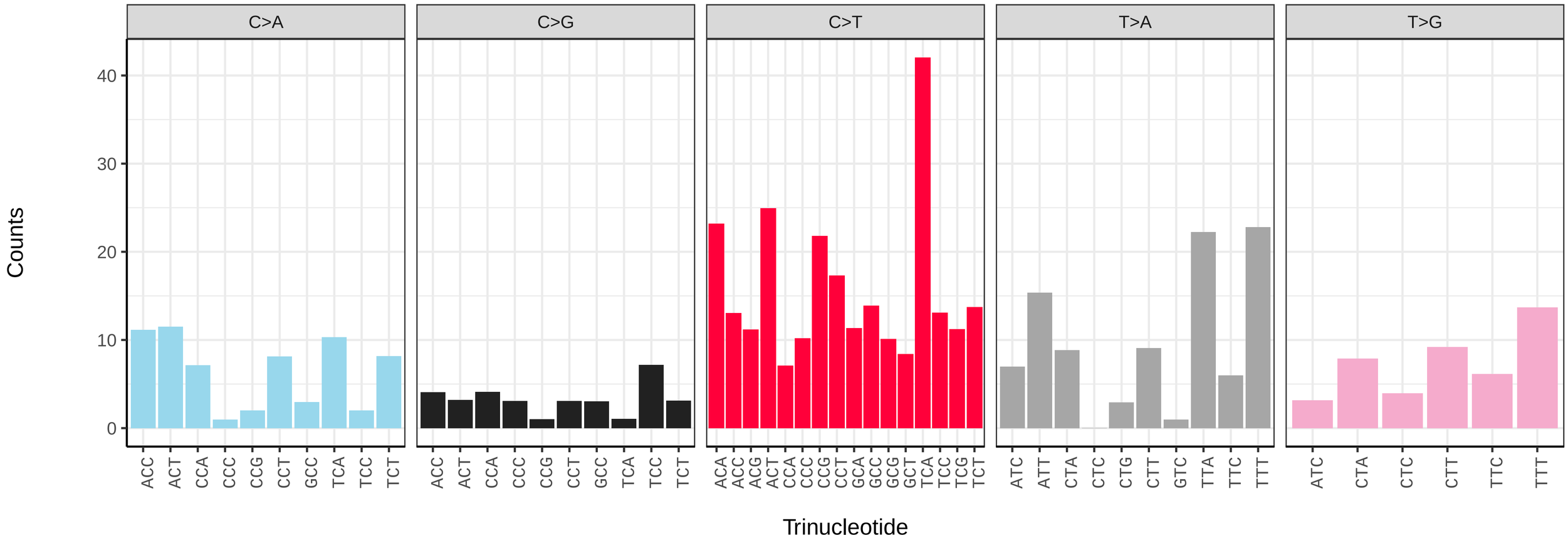
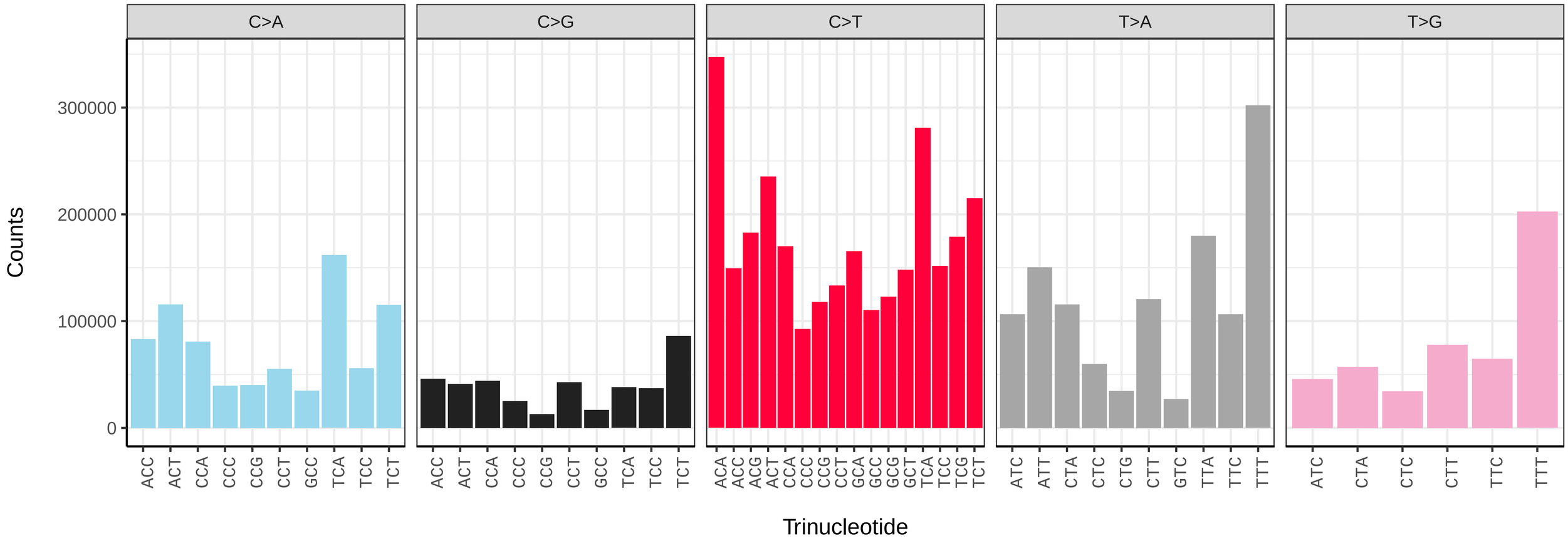


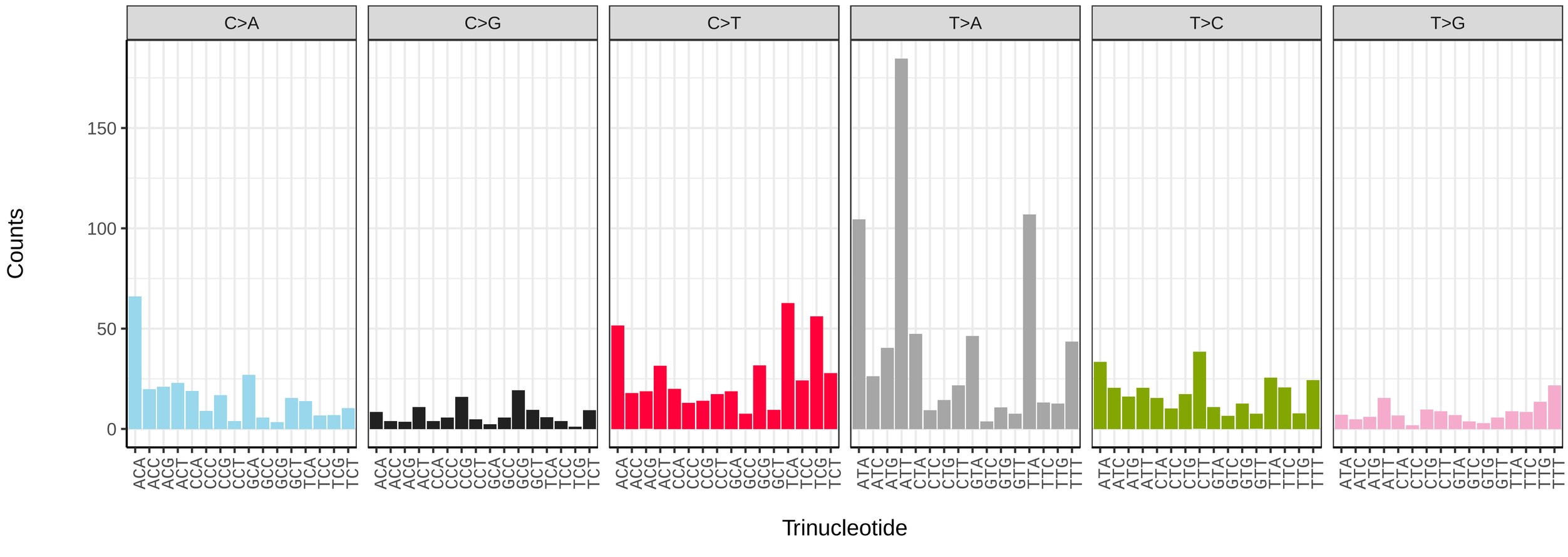
Cydia strobilella (ilCydStro3.ilCydStro1) somatic mutational spectrum (SBS52 classification)



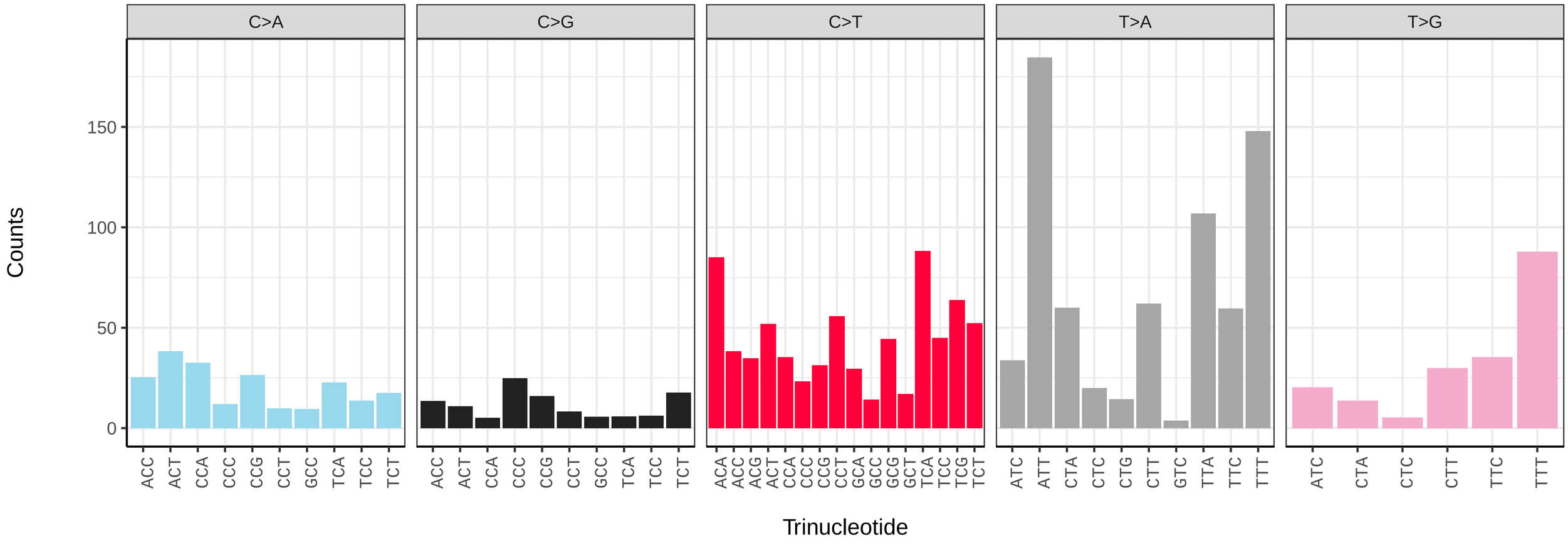
Deilephila porcellus (ilDeiPorc1) germline mutational spectrum



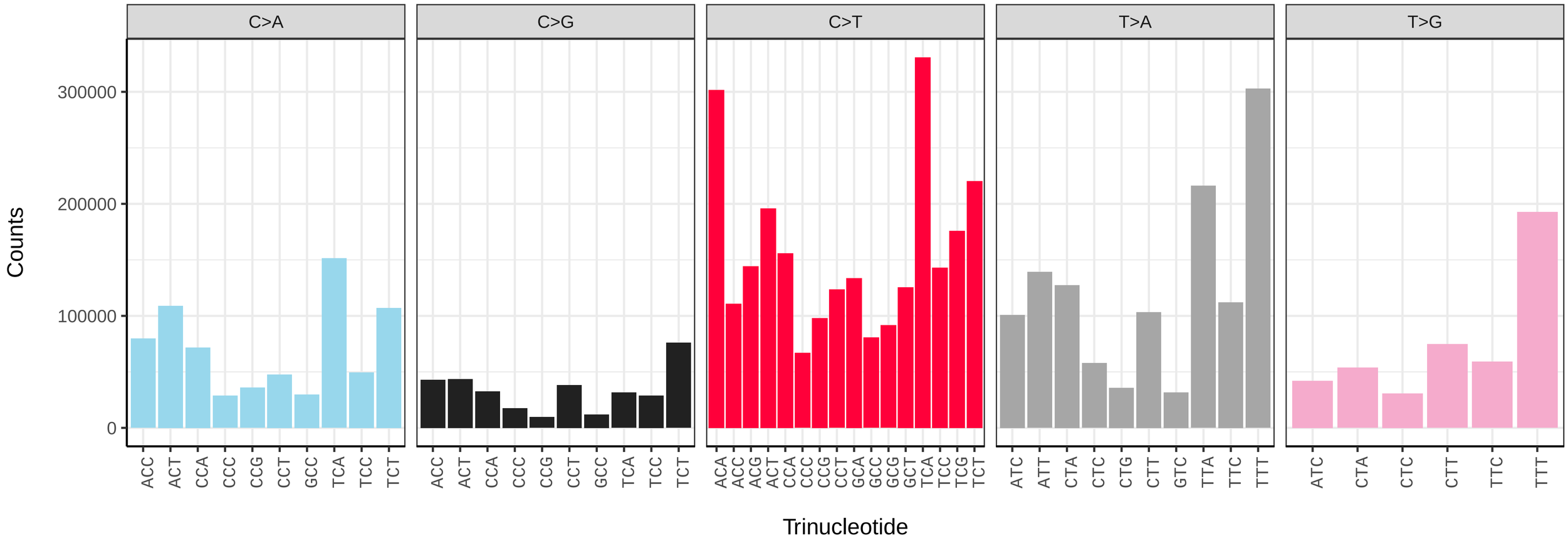
Deilephila porcellus (ilDeiPorc1) somatic mutational spectrum (SBS96 classification)



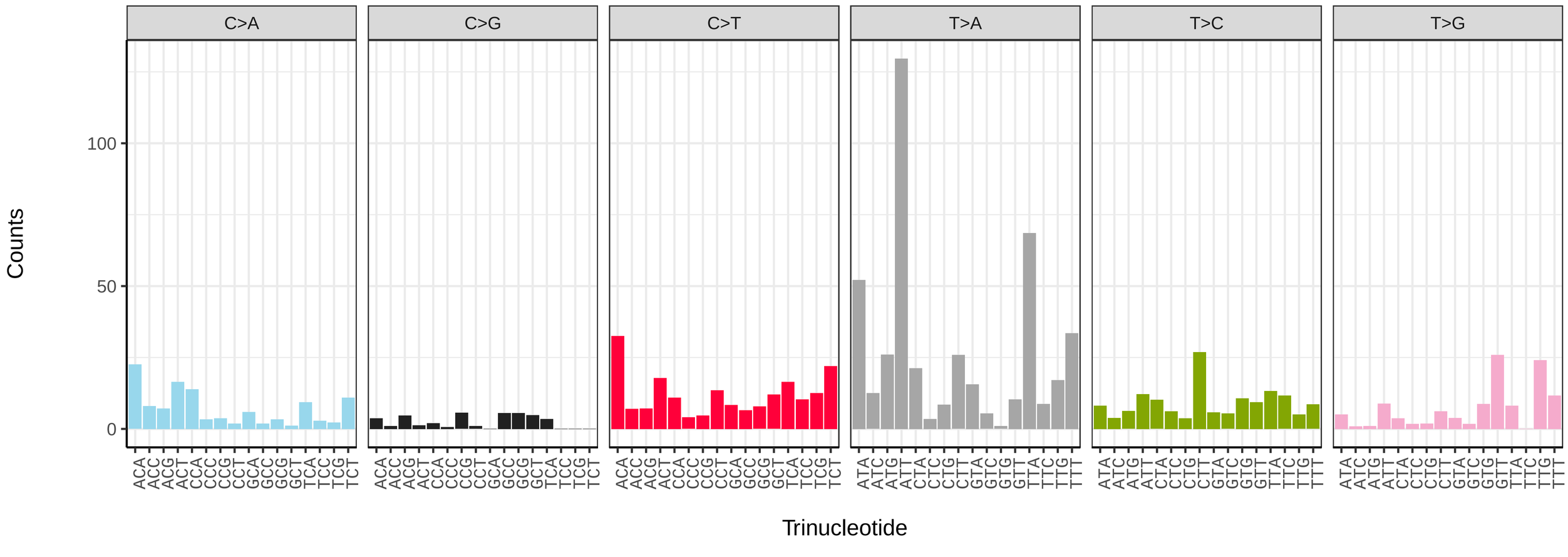
Deilephila porcellus (ilDeiPorc1) somatic mutational spectrum (SBS52 classification)



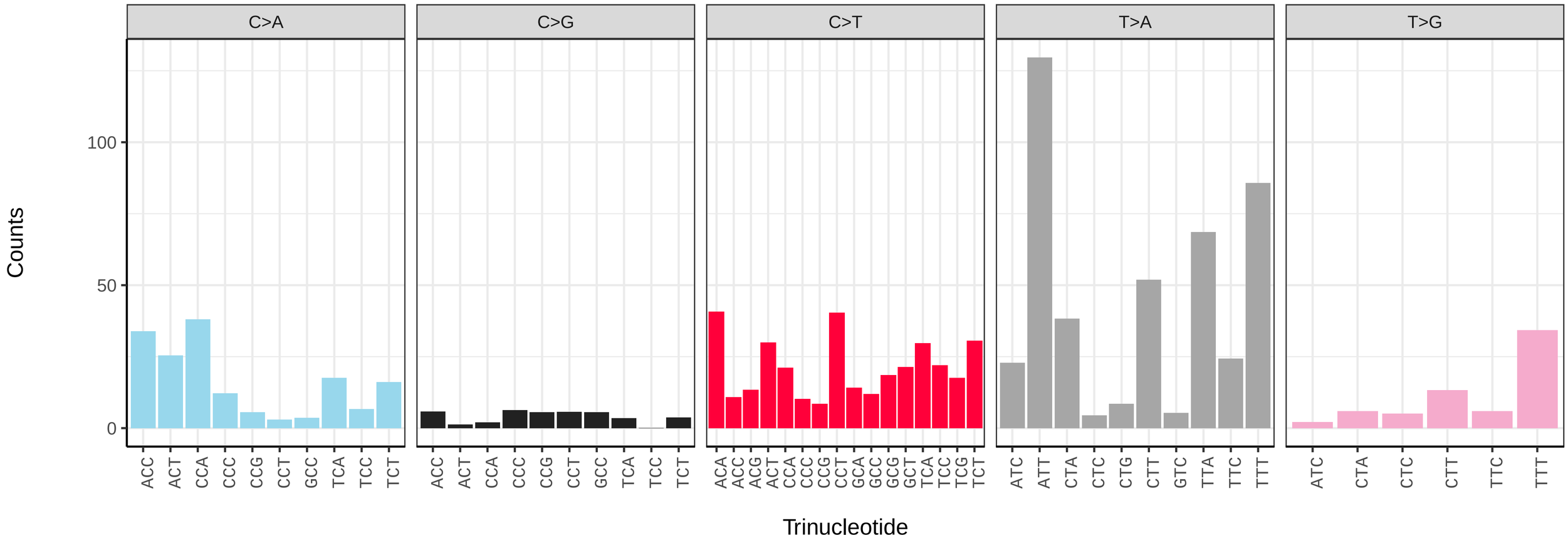
Diachrysia chrysitis (ilDiaChry1) germline mutational spectrum



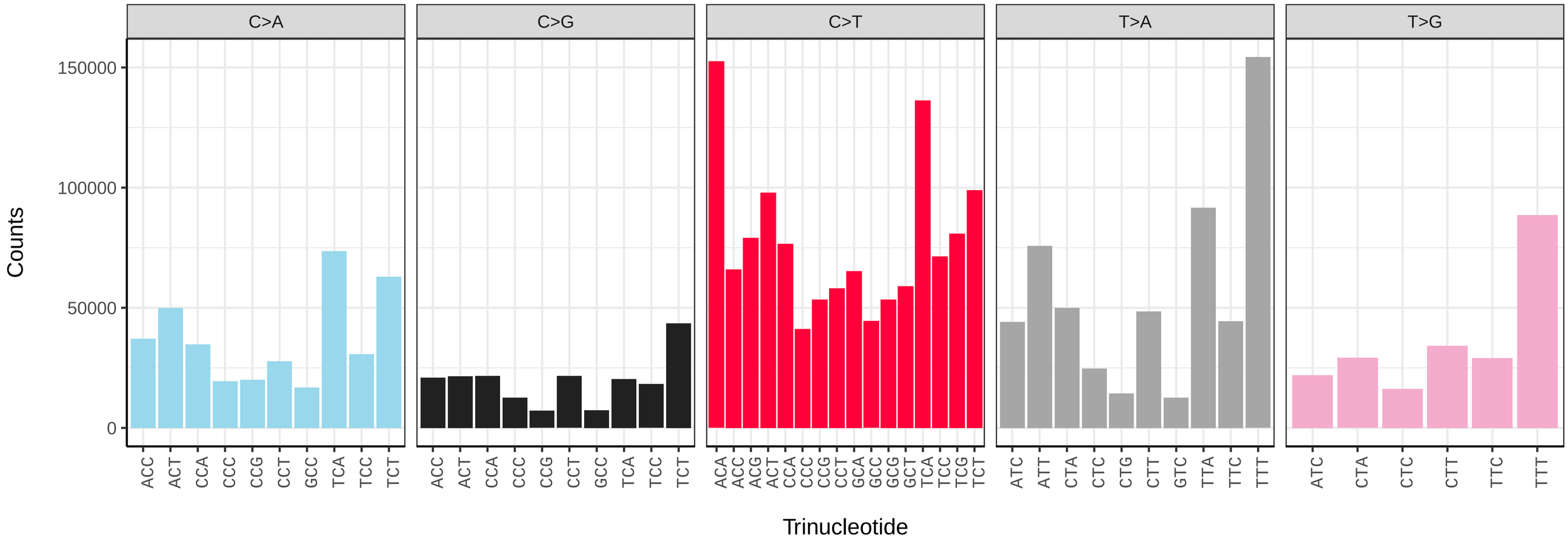
Diachrysia chrysitis (ilDiaChry1) somatic mutational spectrum (SBS96 classification)



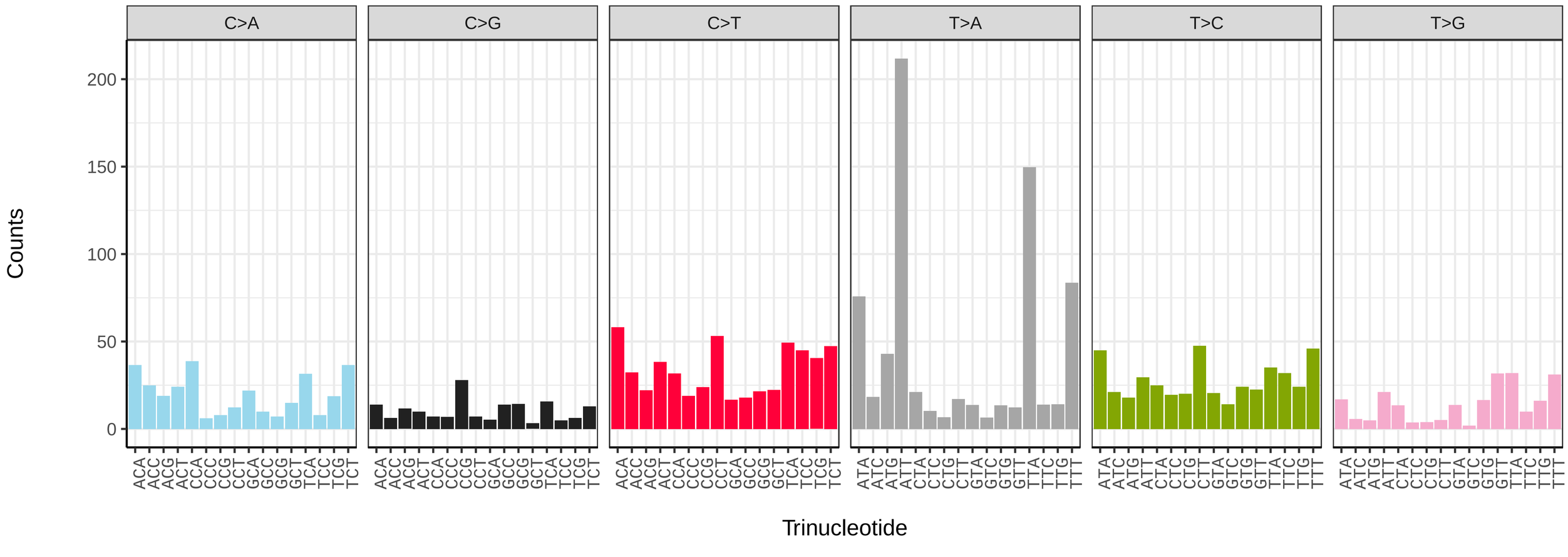
Diachrysia chrysitis (ilDiaChry1) somatic mutational spectrum (SBS52 classification)



Diaphora mendica (ilDiaMend1) germline mutational spectrum



Diaphora mendica (ilDiaMend1) somatic mutational spectrum (SBS96 classification)



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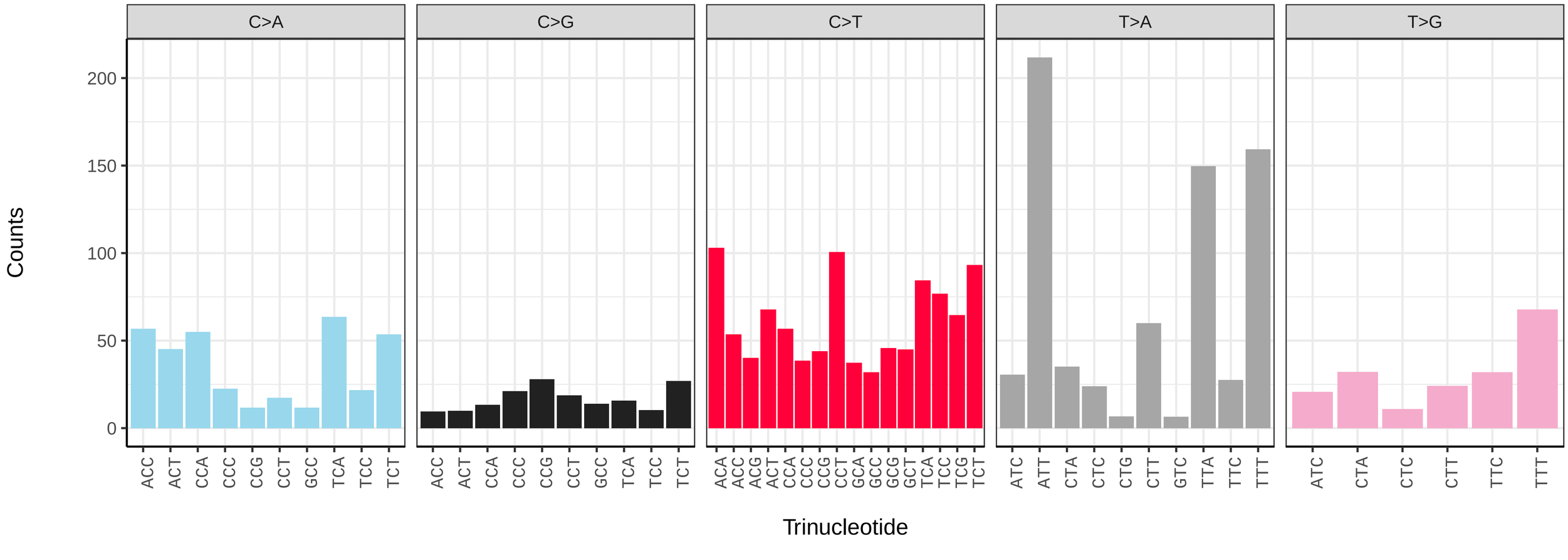
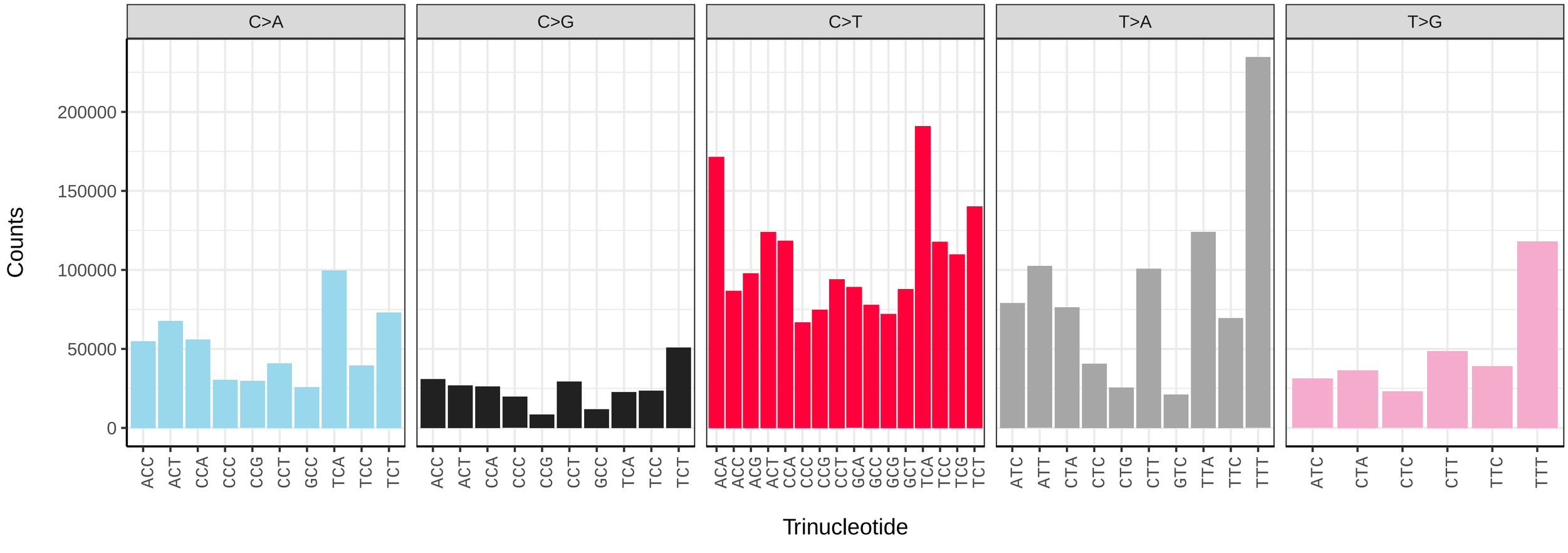
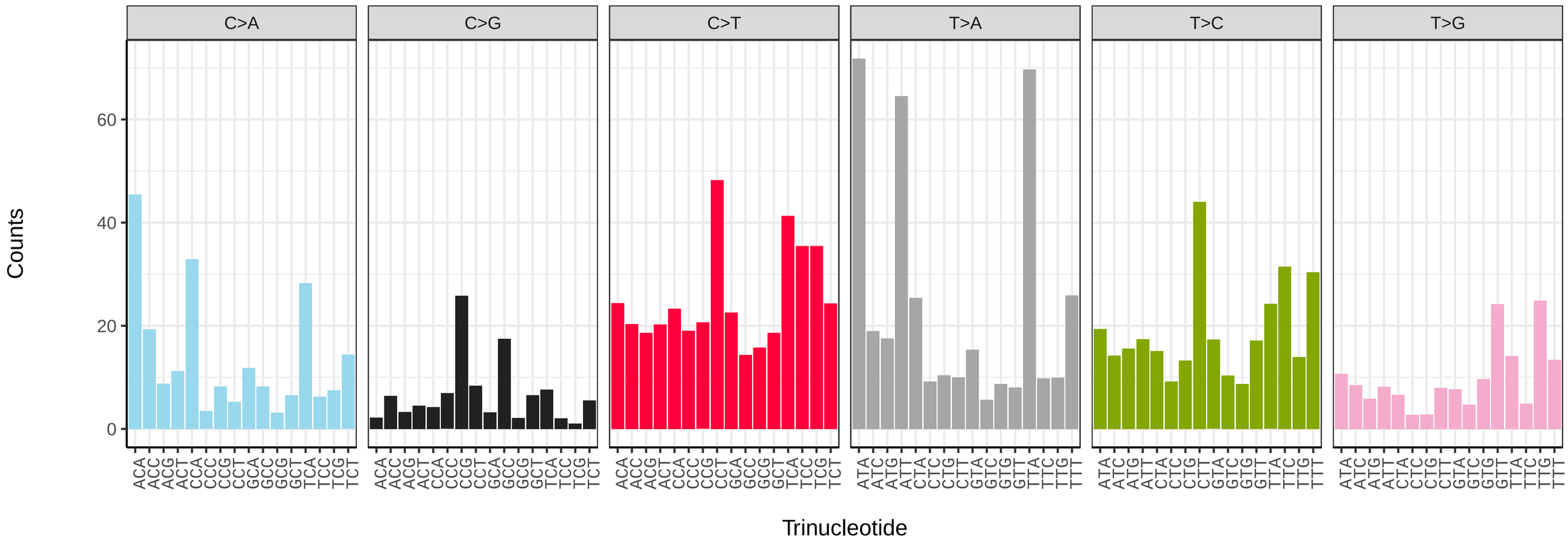


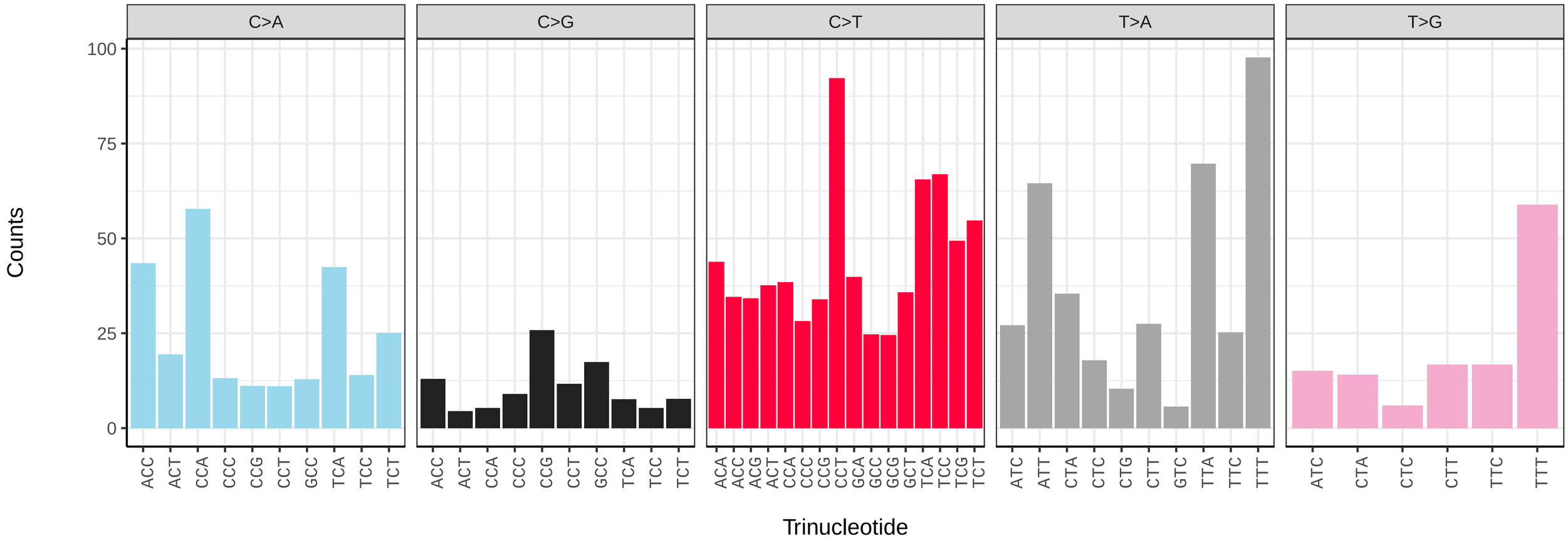
Diarsia rubi (ilDiaRubi1) germline mutational spectrum



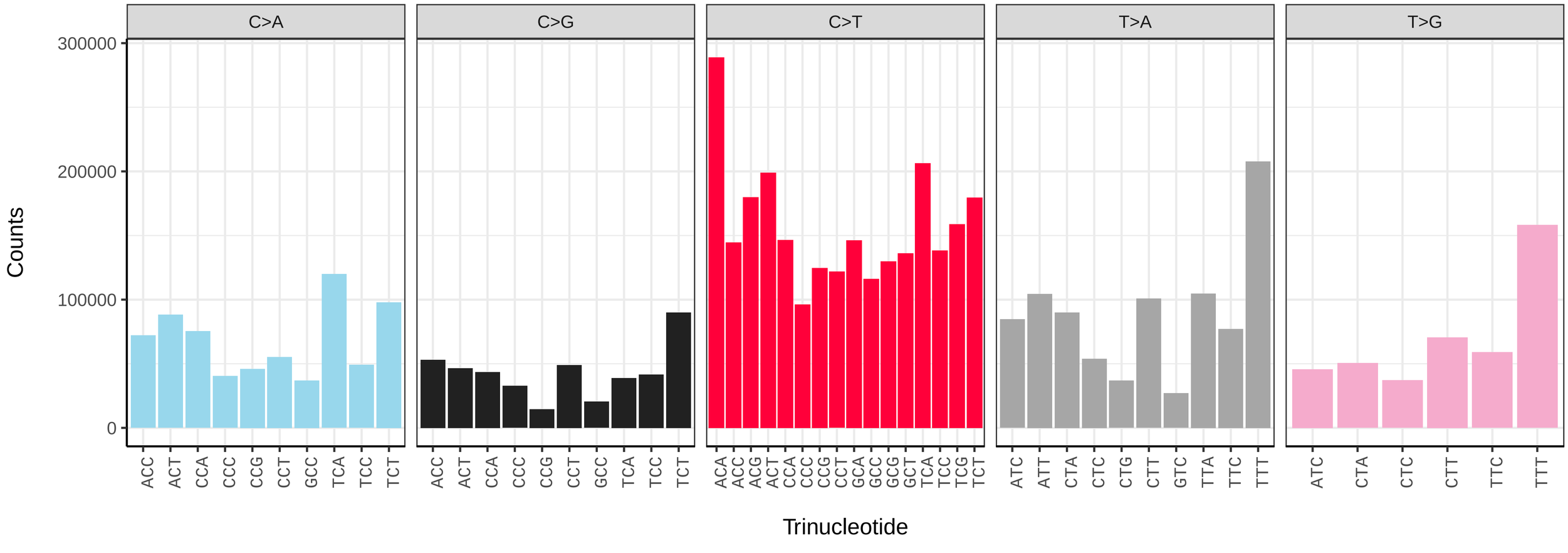
Diarsia rubi (ilDiaRubi1) somatic mutational spectrum (SBS96 classification)



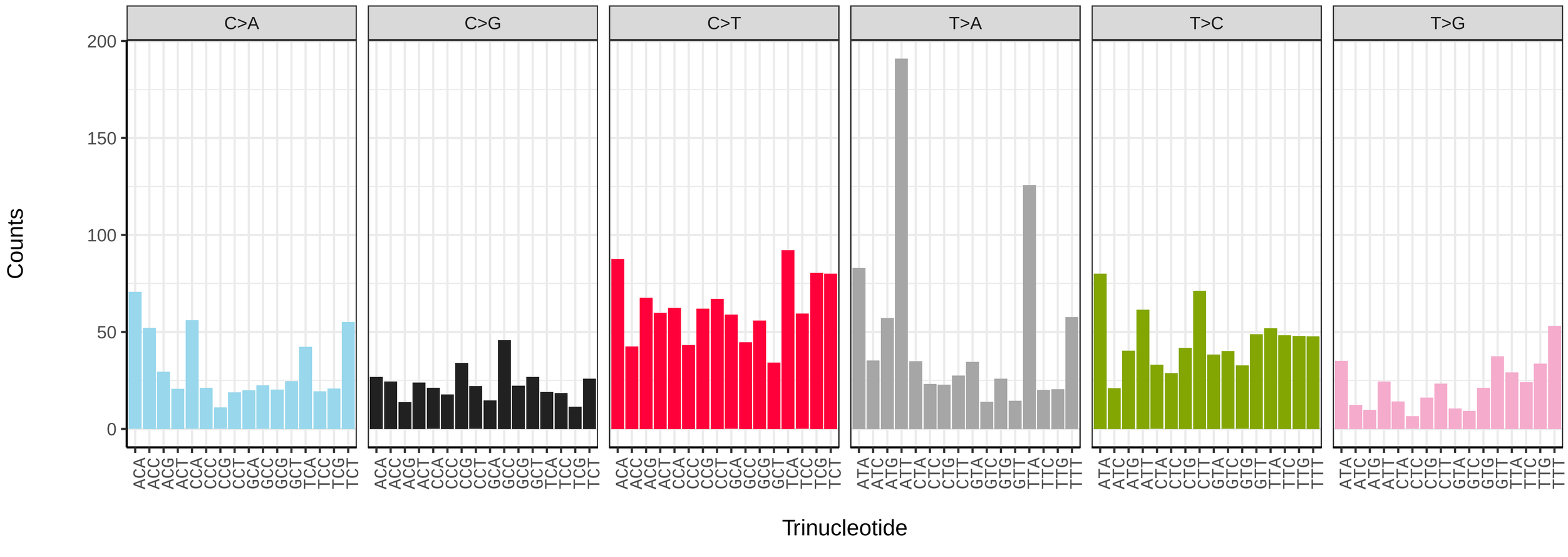
Diarsia rubi (ilDiaRubi1) somatic mutational spectrum (SBS52 classification)



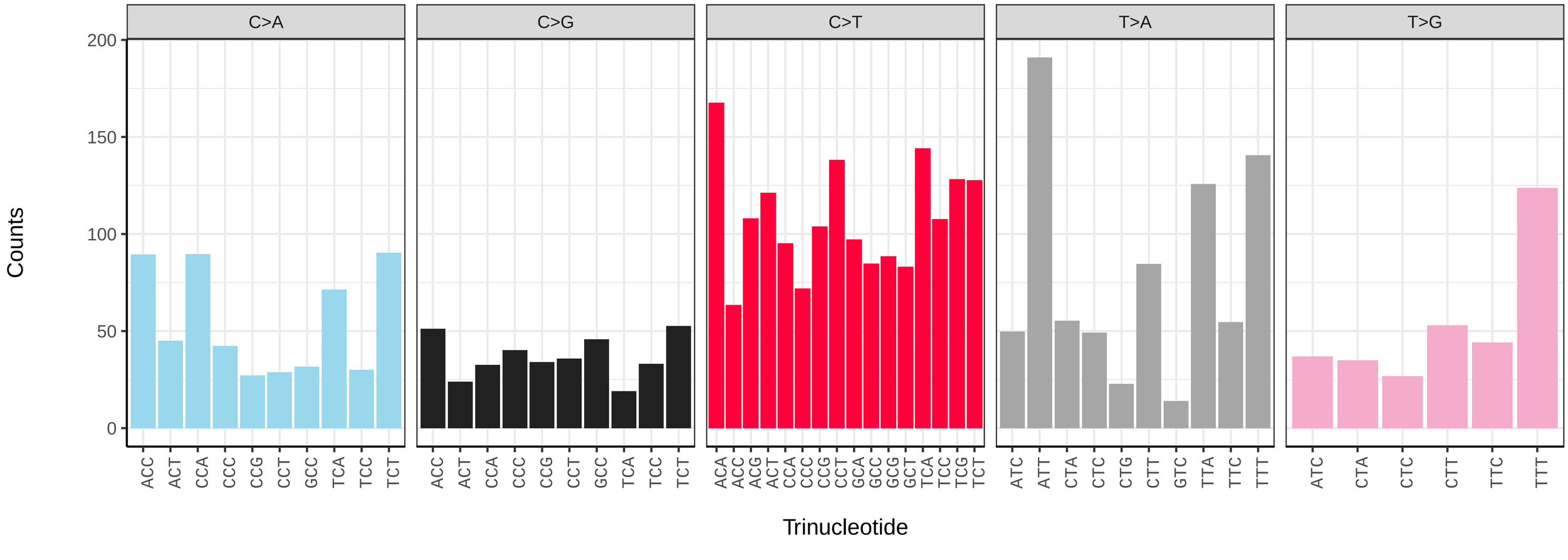
Dicycla oo (ilDicOoxx2) germline mutational spectrum



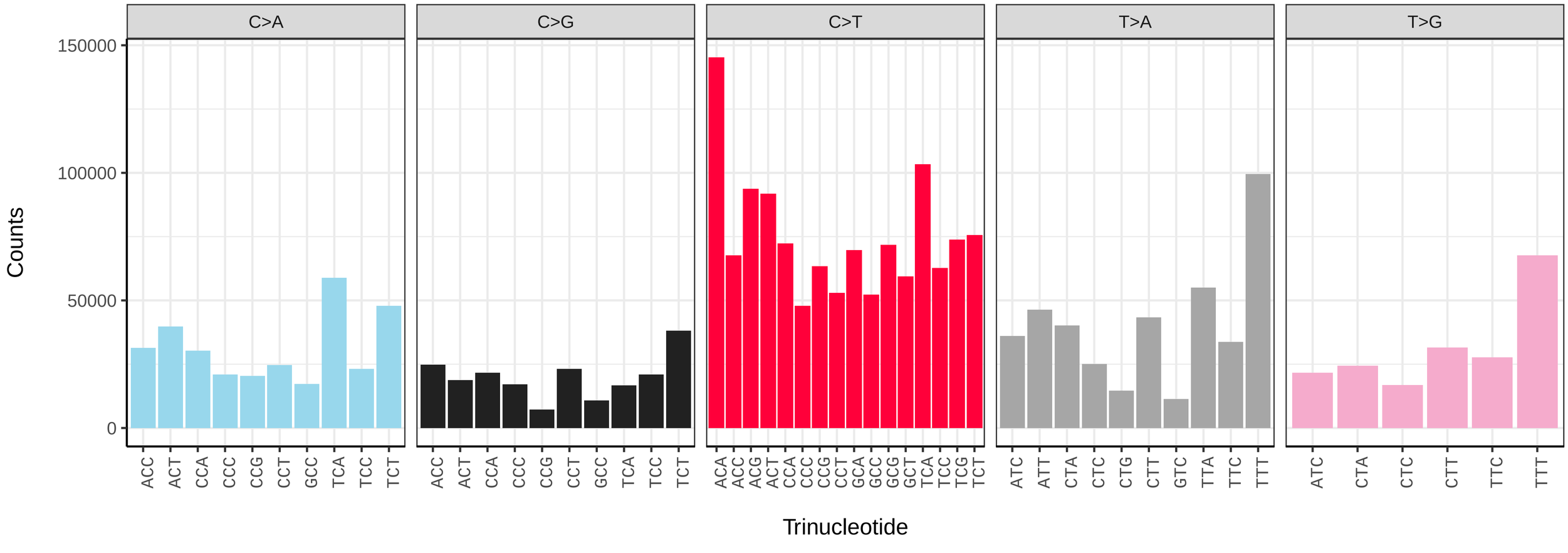
Dicycla oo (ilDicOoxx2) somatic mutational spectrum (SBS96 classification)



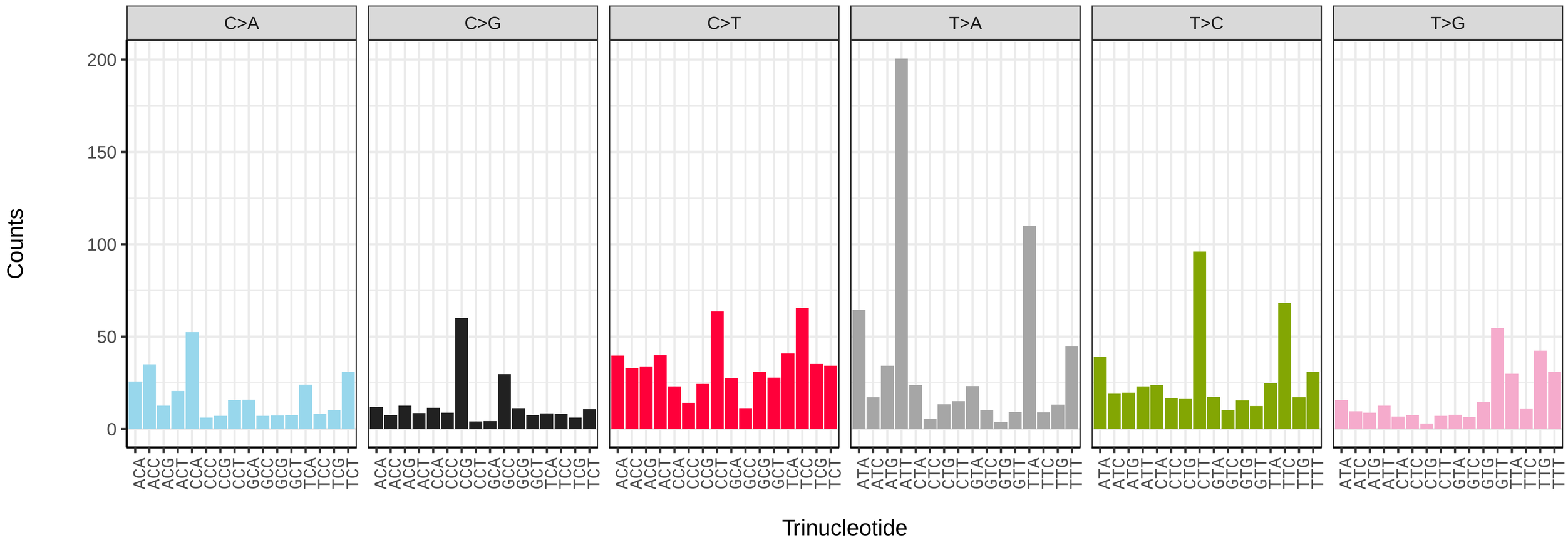
Dicycla oo (ilDicOoxx2) somatic mutational spectrum (SBS52 classification)



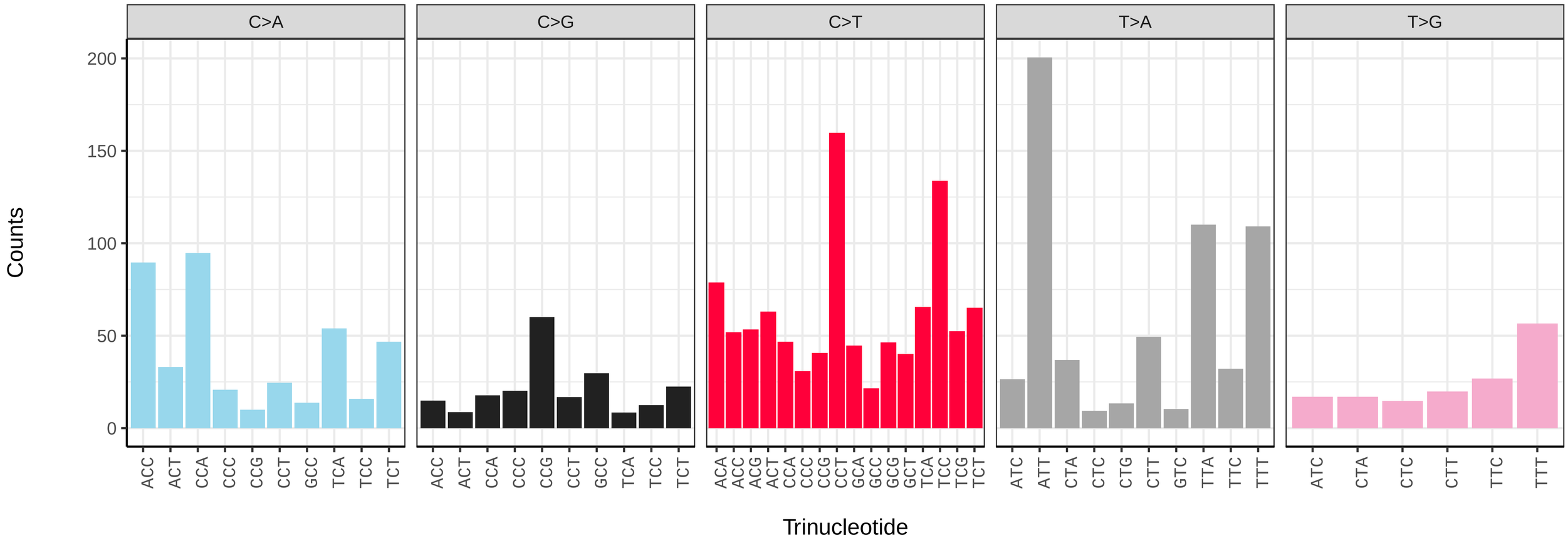
Diloba caeruleocephala (ilDilCaer1) germline mutational spectrum



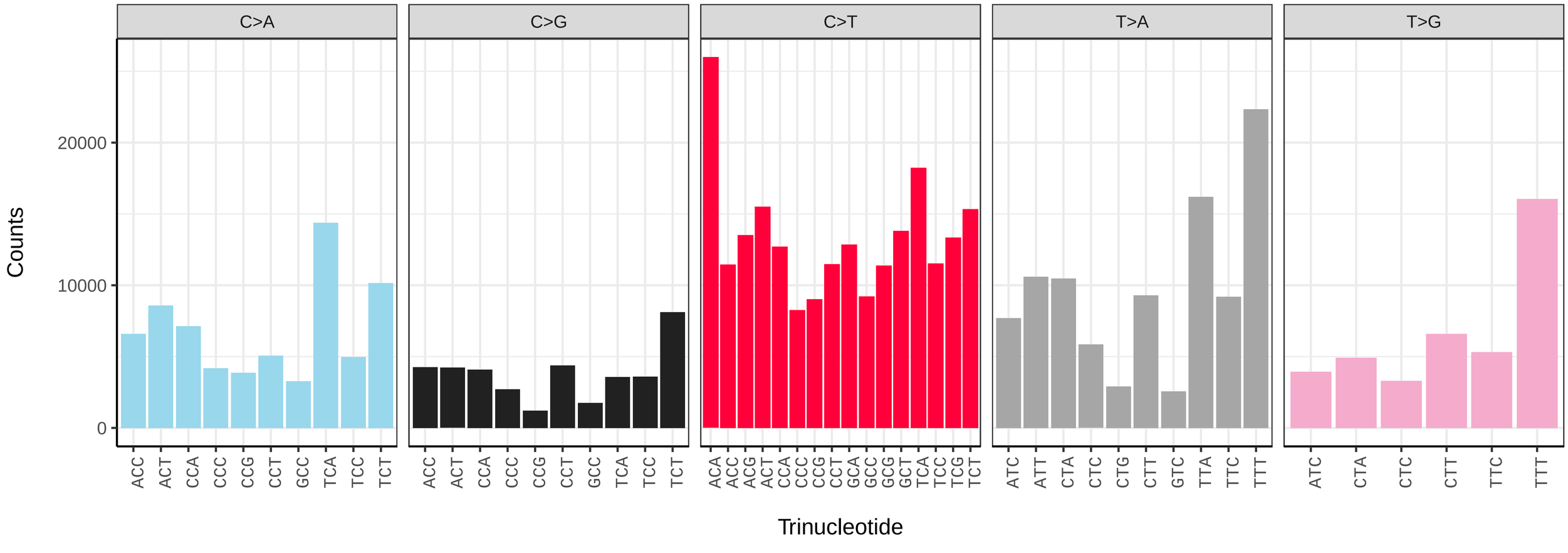
Diloba caeruleocephala (ilDilCaer1) somatic mutational spectrum (SBS96 classification)



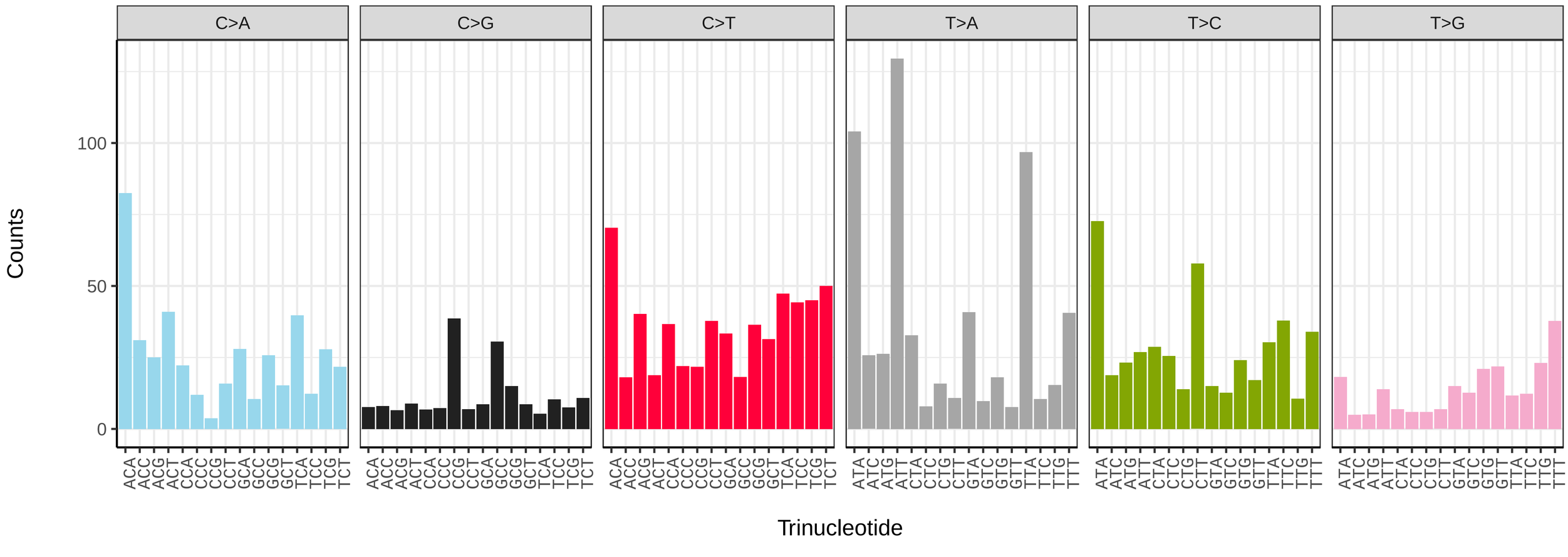
Diloba caeruleocephala (ilDilCaer1) somatic mutational spectrum (SBS52 classification)



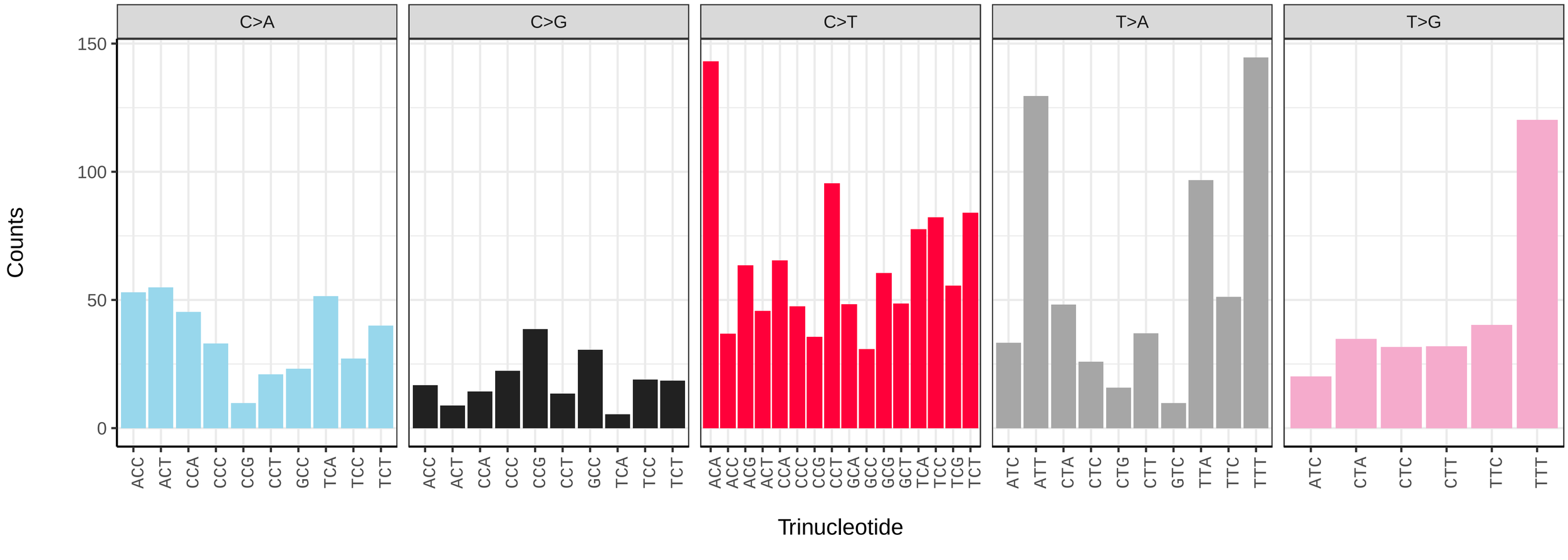
Drepana falcataria (ilDreFalc1) germline mutational spectrum



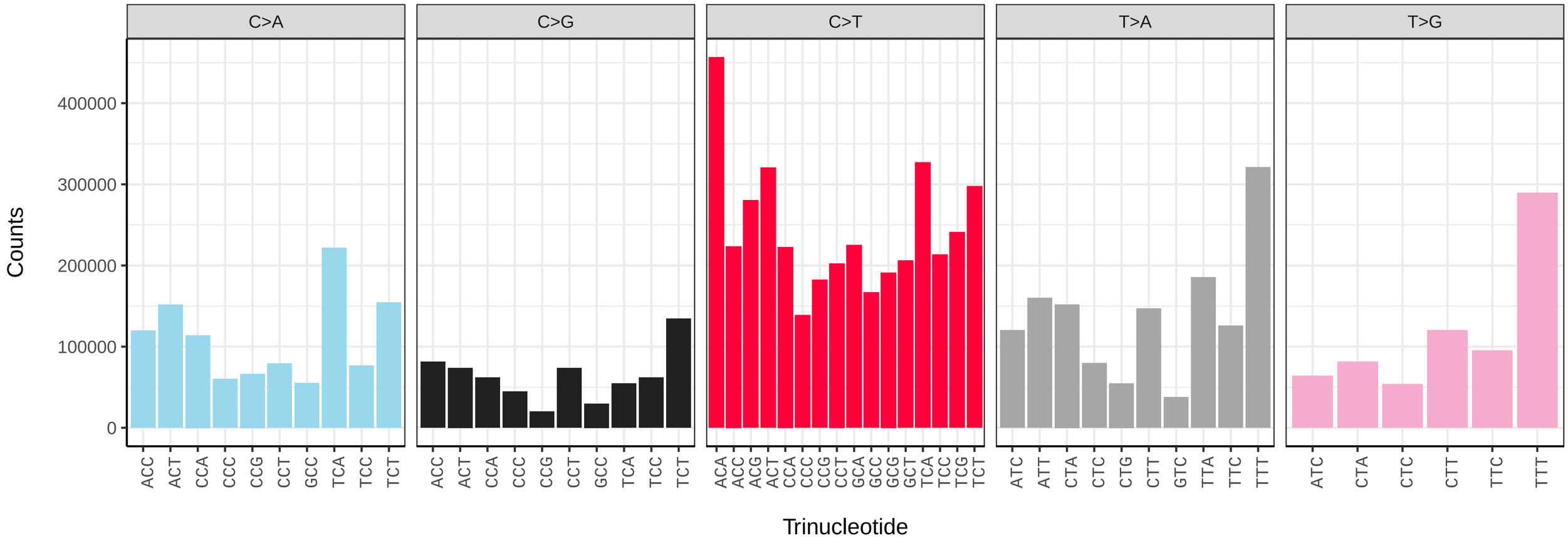
Drepana falcataria (ilDreFalc1) somatic mutational spectrum (SBS96 classification)



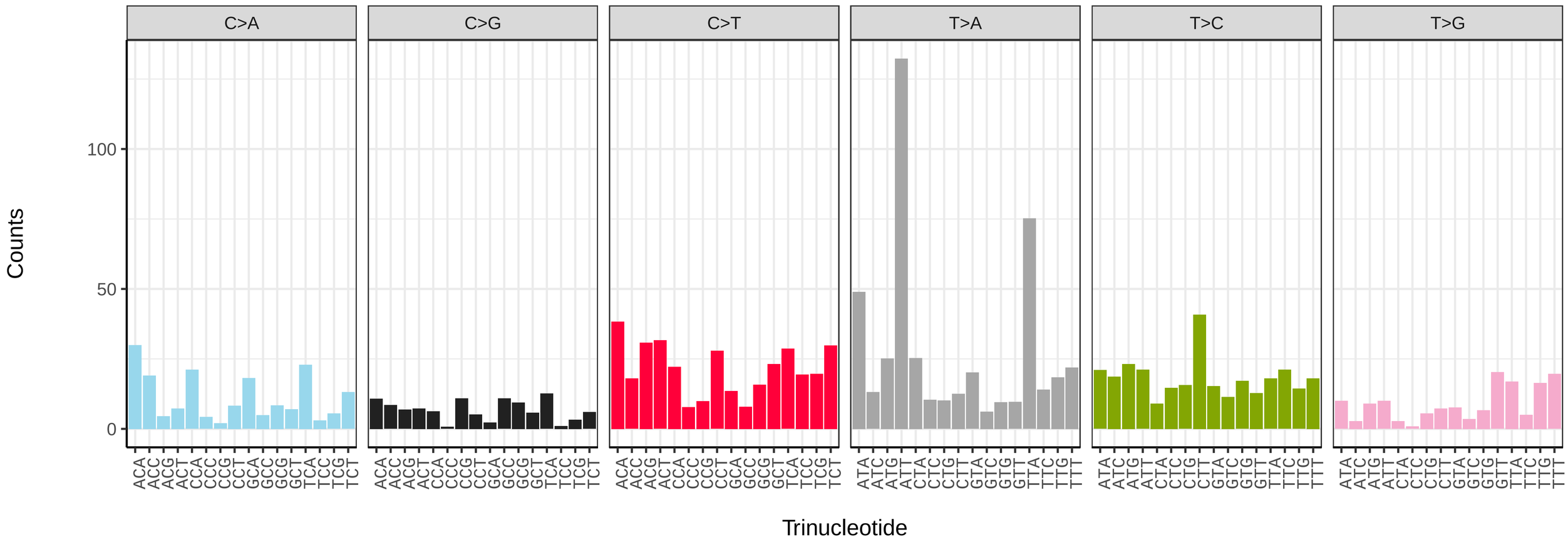
Drepana falcataria (ilDreFalc1) somatic mutational spectrum (SBS52 classification)



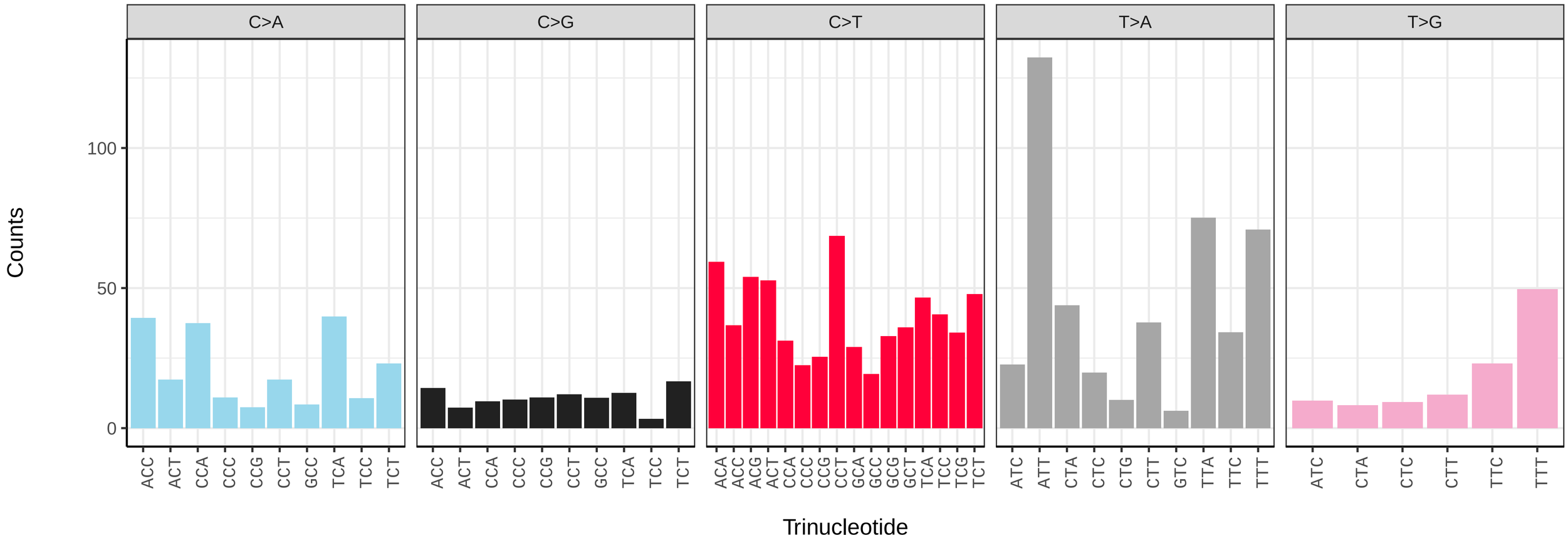
Dryobotodes eremita (ilDryErem1) germline mutational spectrum



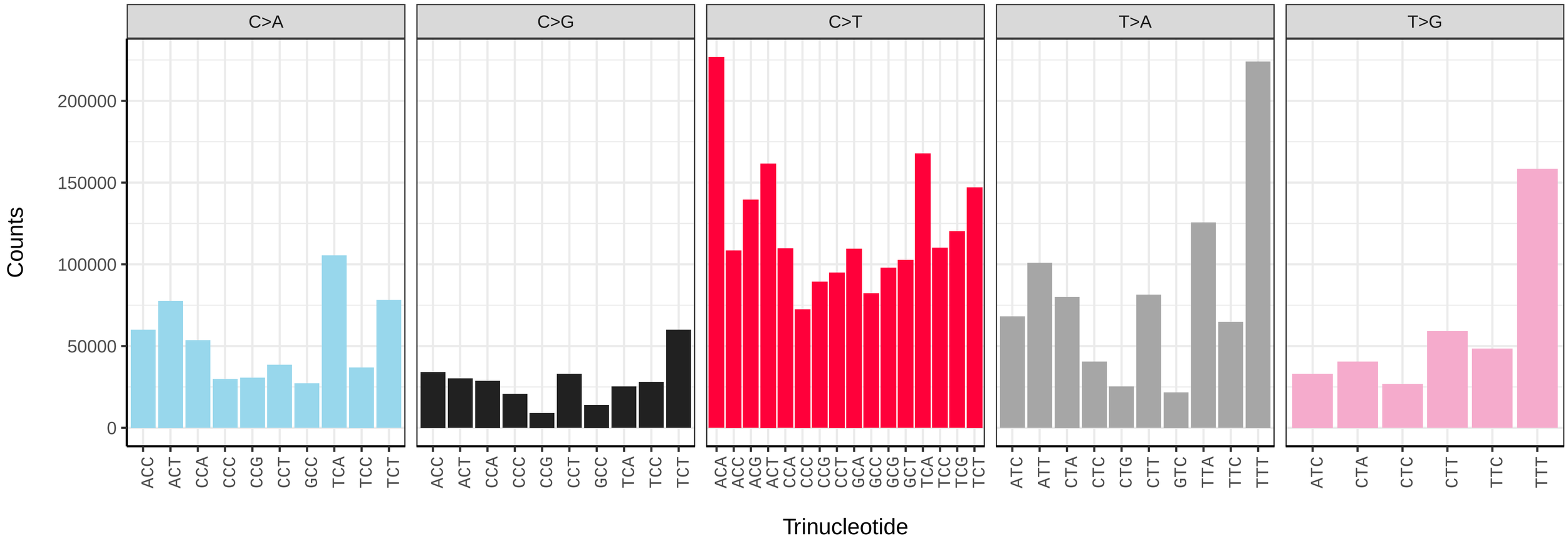
Dryobotodes eremita (ilDryErem1) somatic mutational spectrum (SBS96 classification)



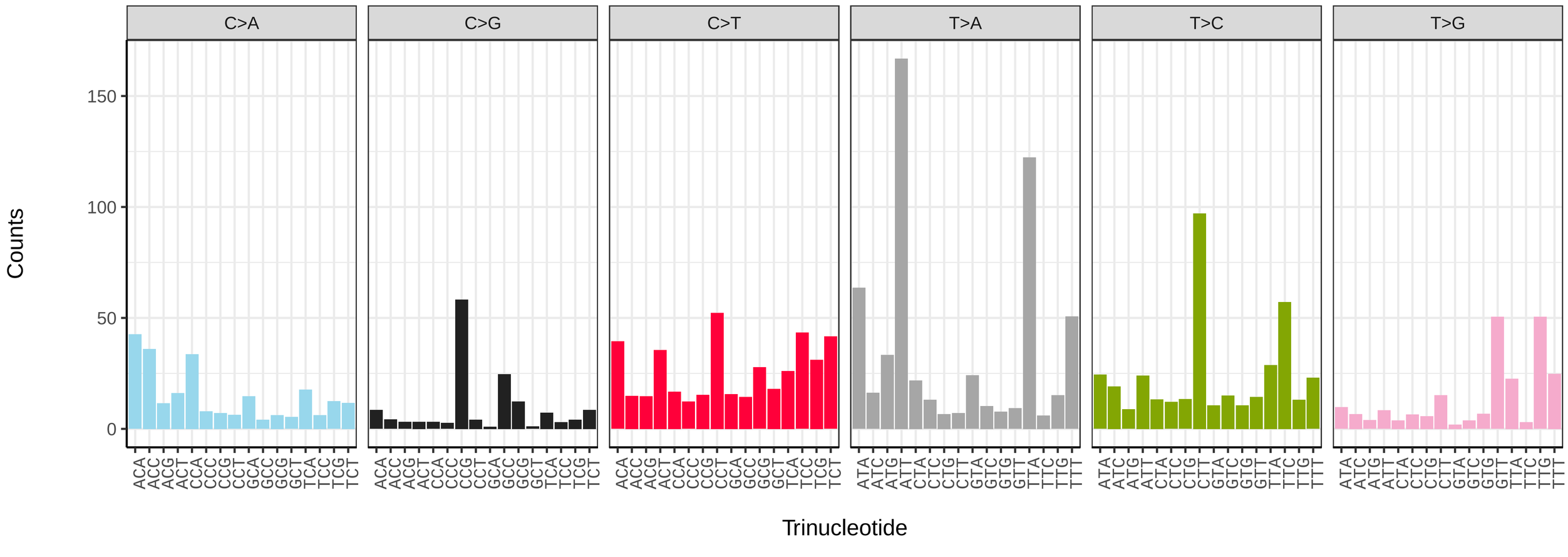
Dryobotodes eremita (ilDryErem1) somatic mutational spectrum (SBS52 classification)



Dryobota labecula (ilDryLabe1) germline mutational spectrum



Dryobota labecula (ilDryLabe1) somatic mutational spectrum (SBS96 classification)



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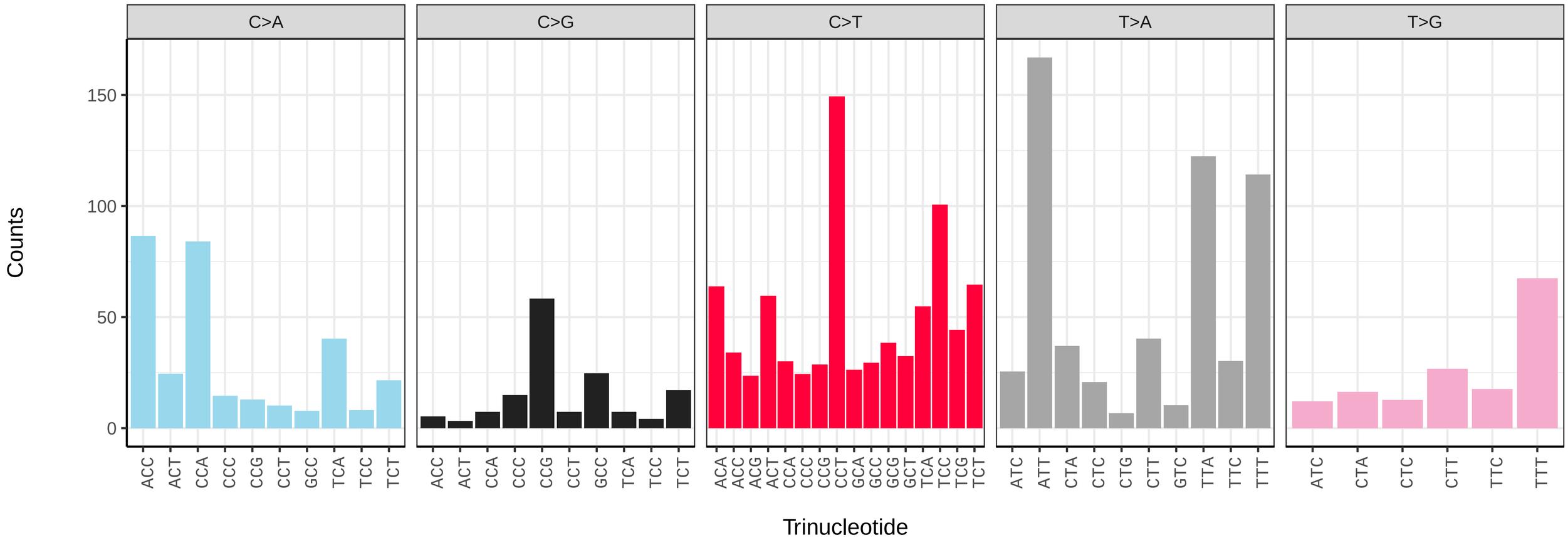
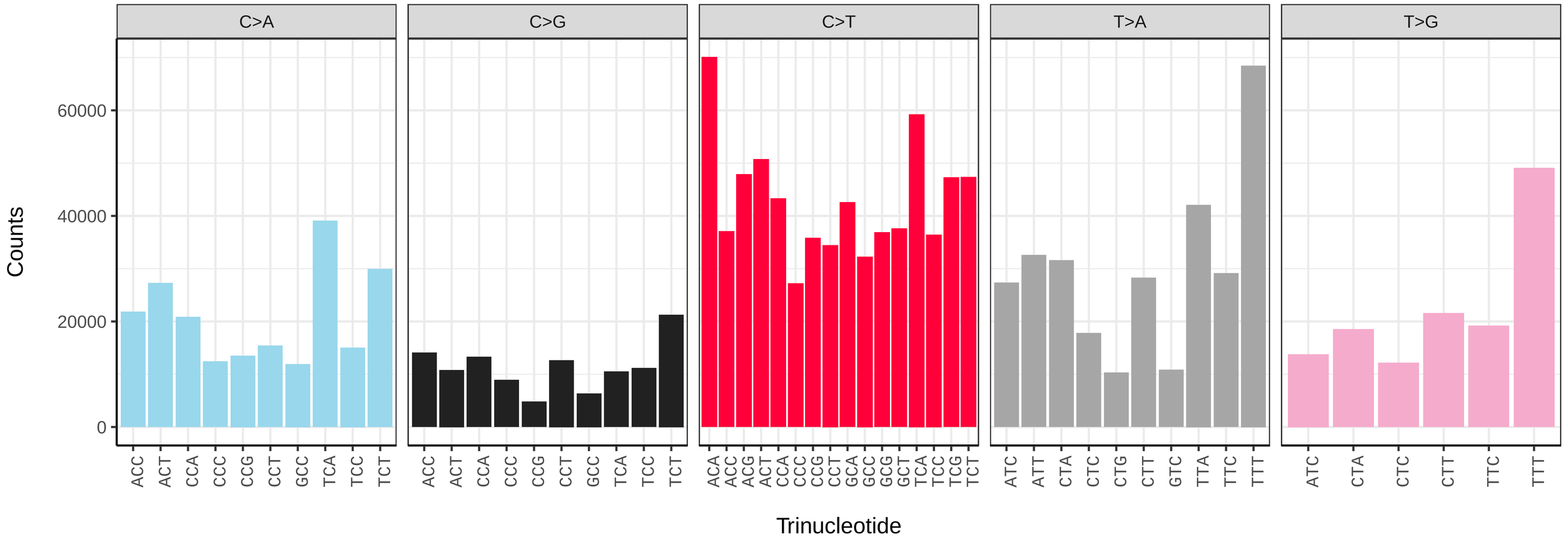
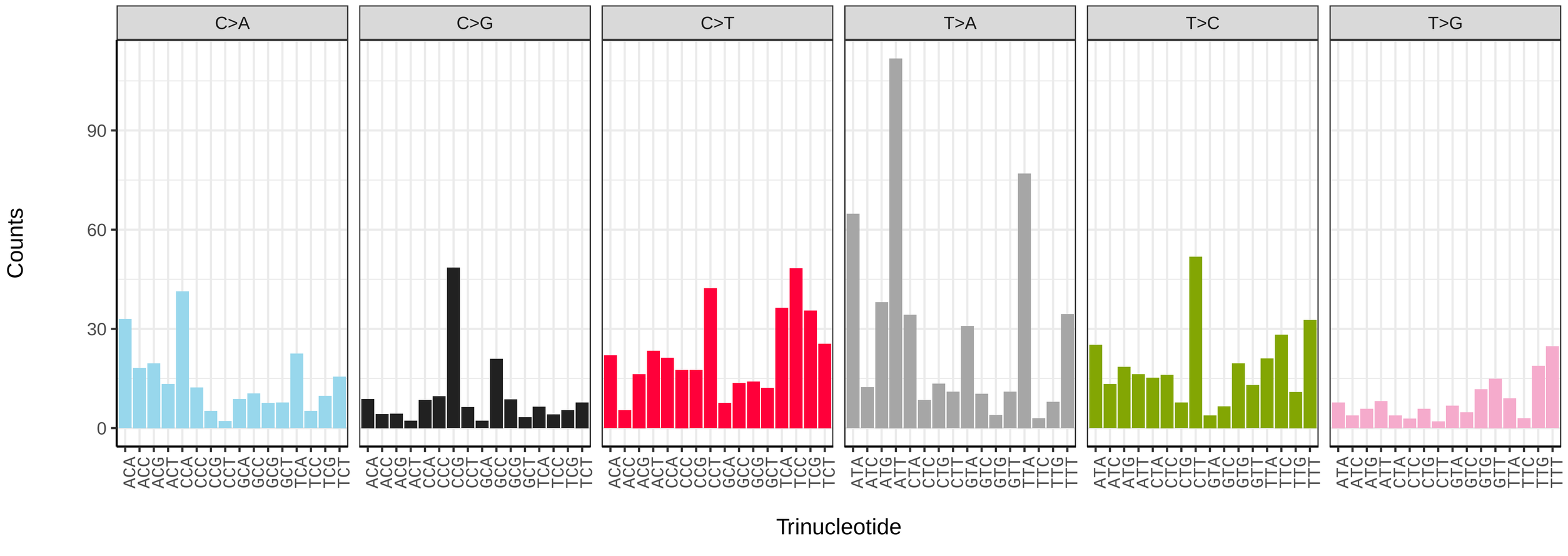


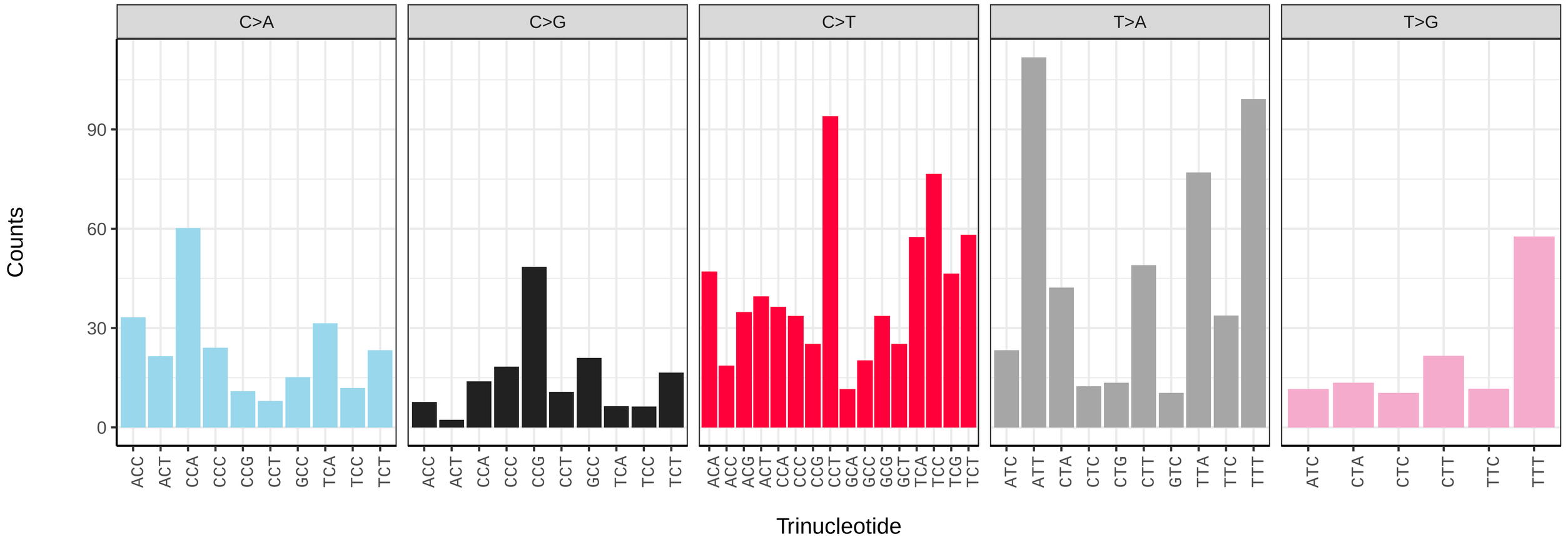
Drymonia ruficornis (ilDryRufi1) germline mutational spectrum



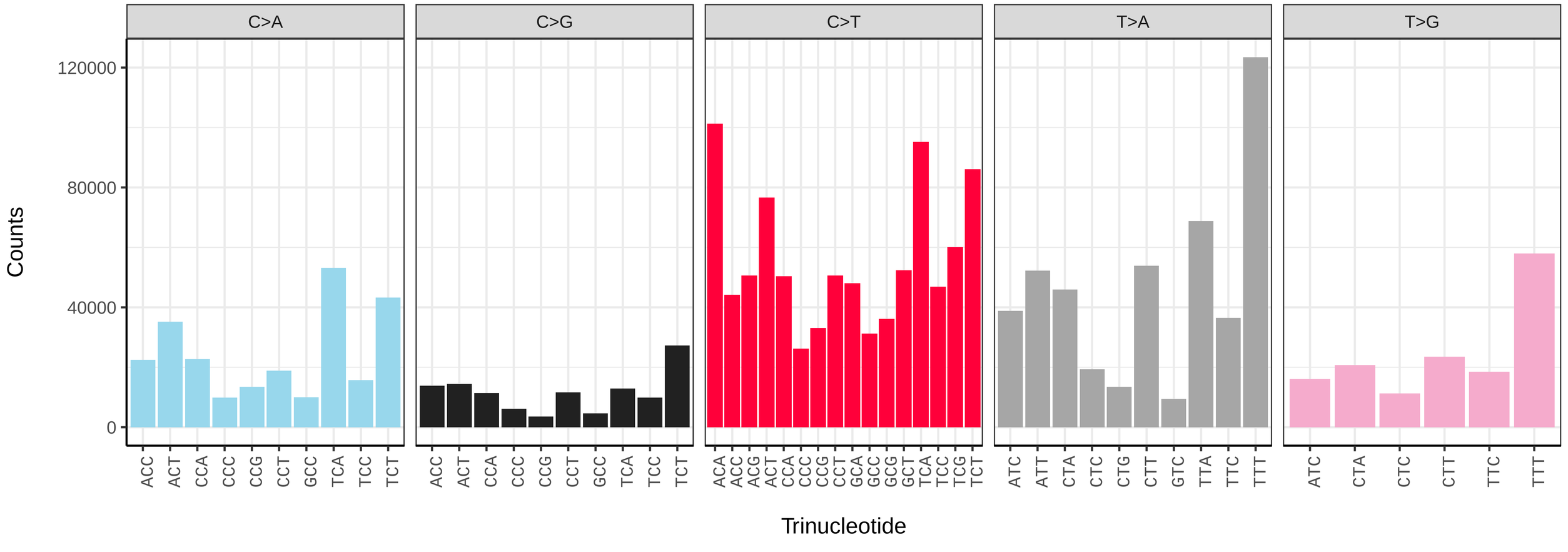
Drymonia ruficornis (ilDryRufi1) somatic mutational spectrum (SBS96 classification)



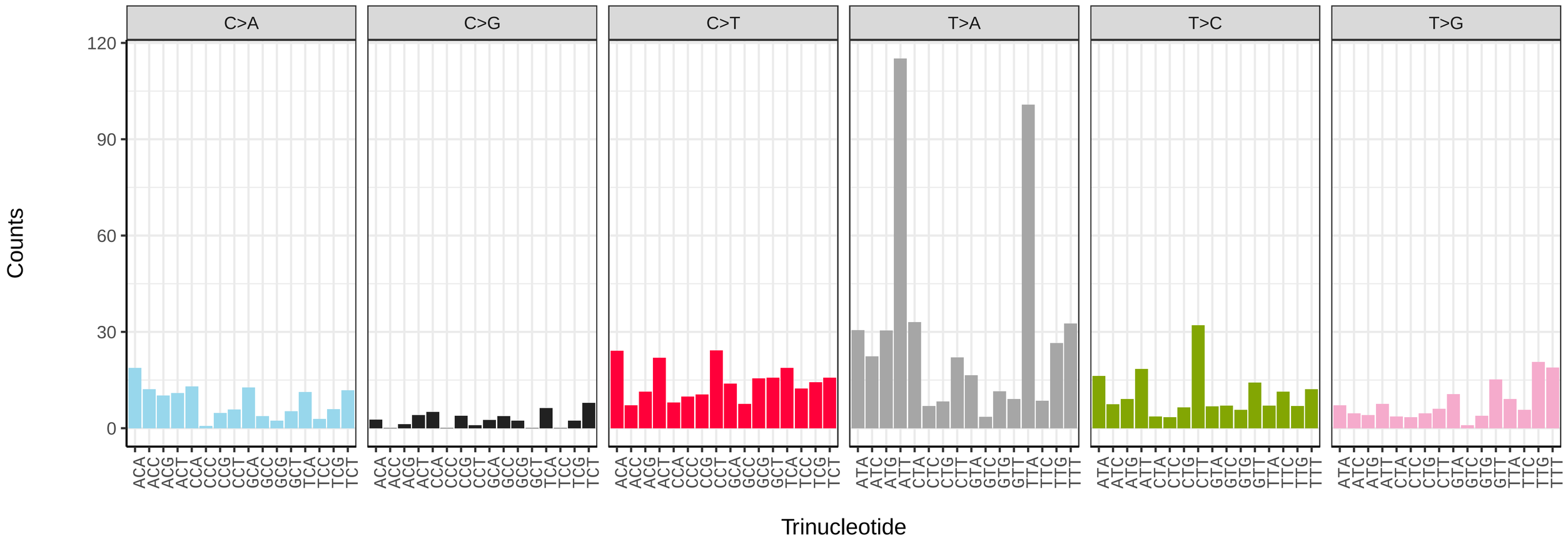
Drymonia ruficornis (ilDryRufi1) somatic mutational spectrum (SBS52 classification)



Ecliptopera silaceata (ilEclSila1) germline mutational spectrum



Ecliptopera silaceata (ilEclSila1) somatic mutational spectrum (SBS96 classification)



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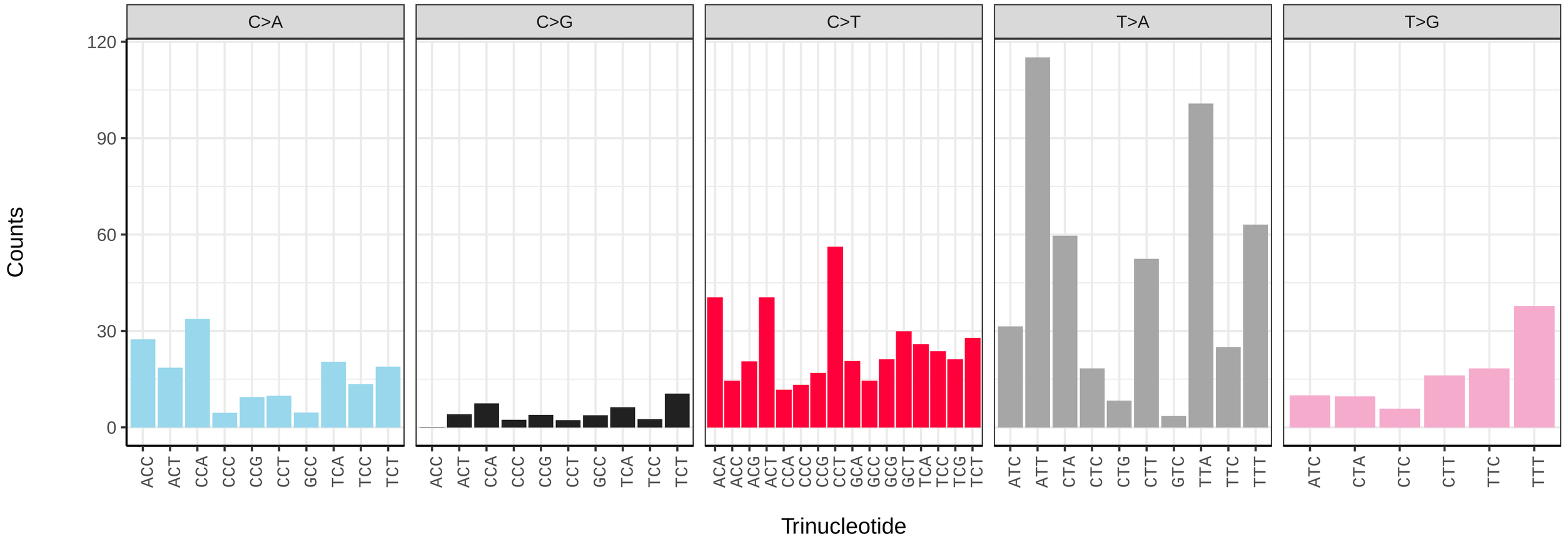
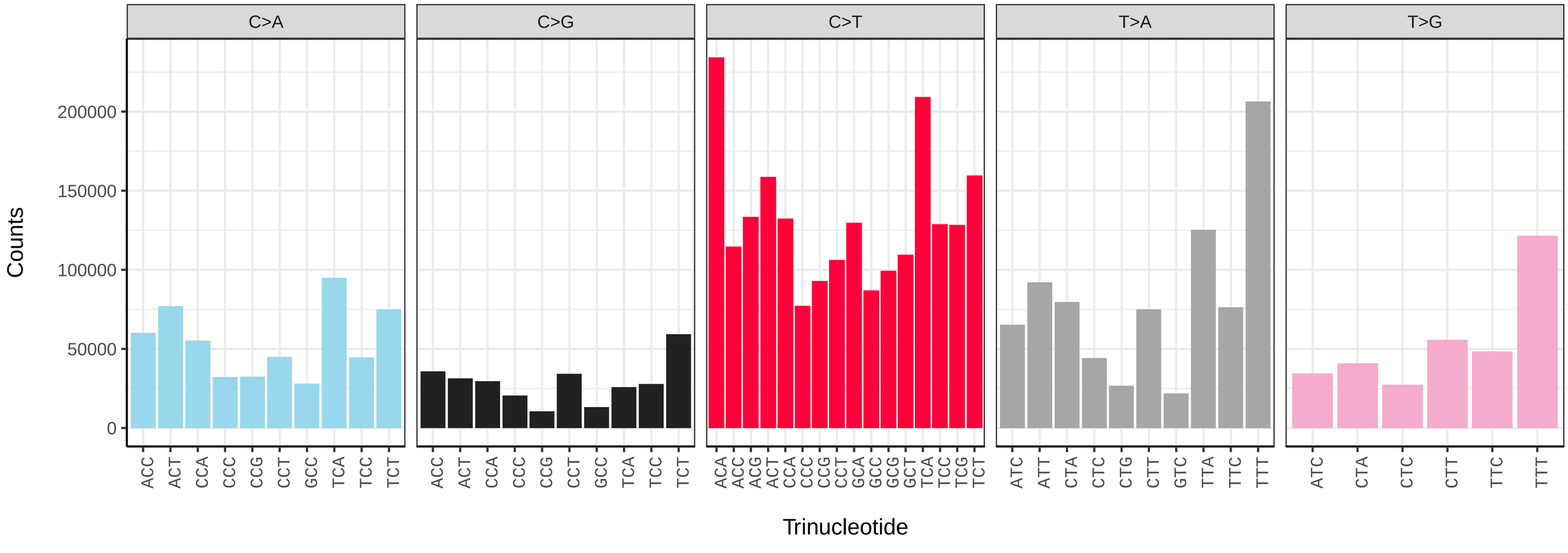
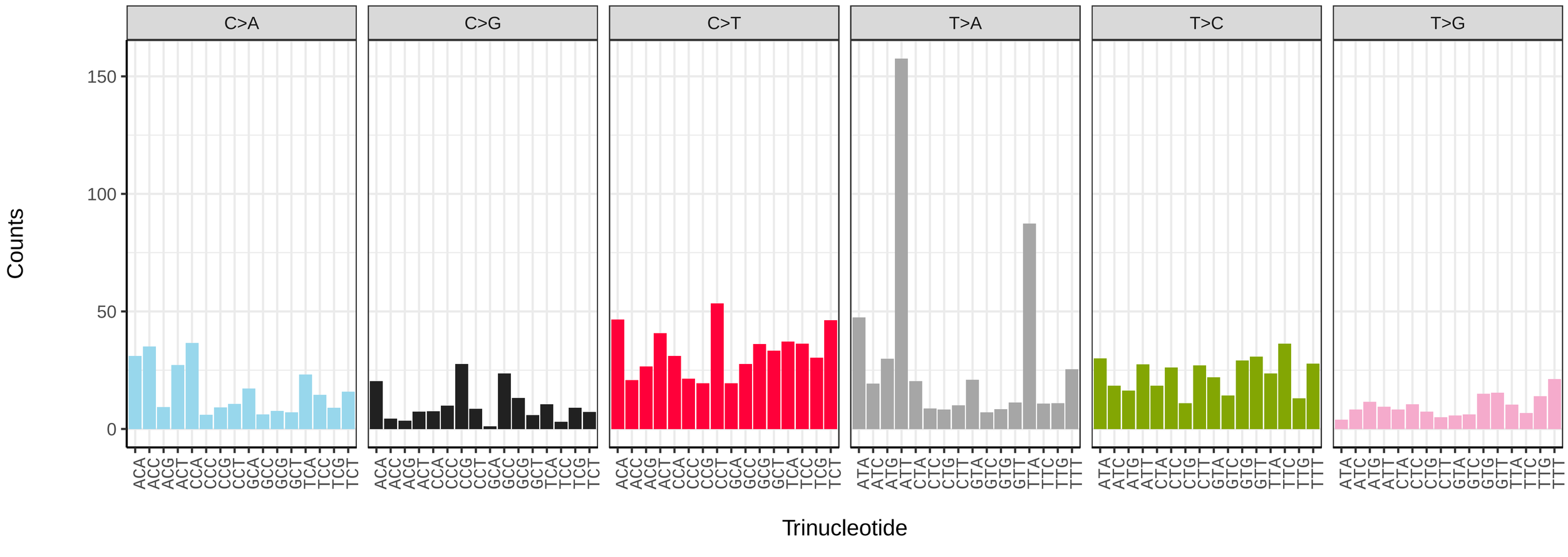


Eilema caniola (ilEilCani1) germline mutational spectrum



Eilema caniola (ilEilCani1) somatic mutational spectrum (SBS96 classification)



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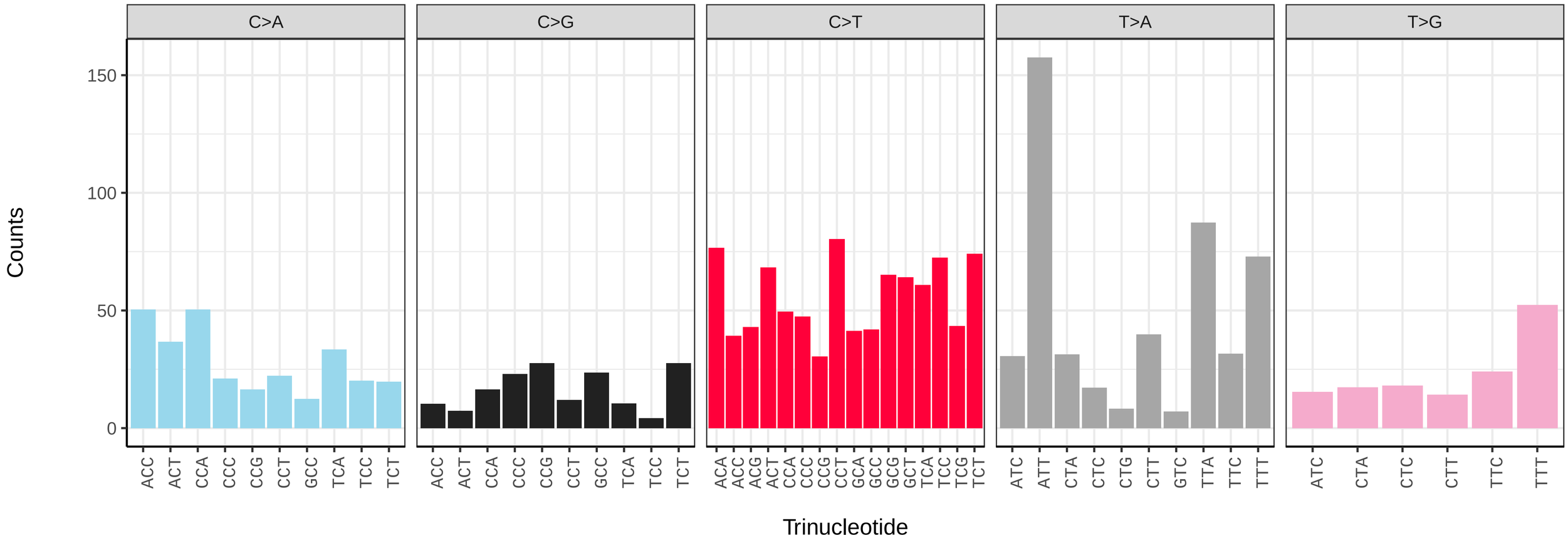
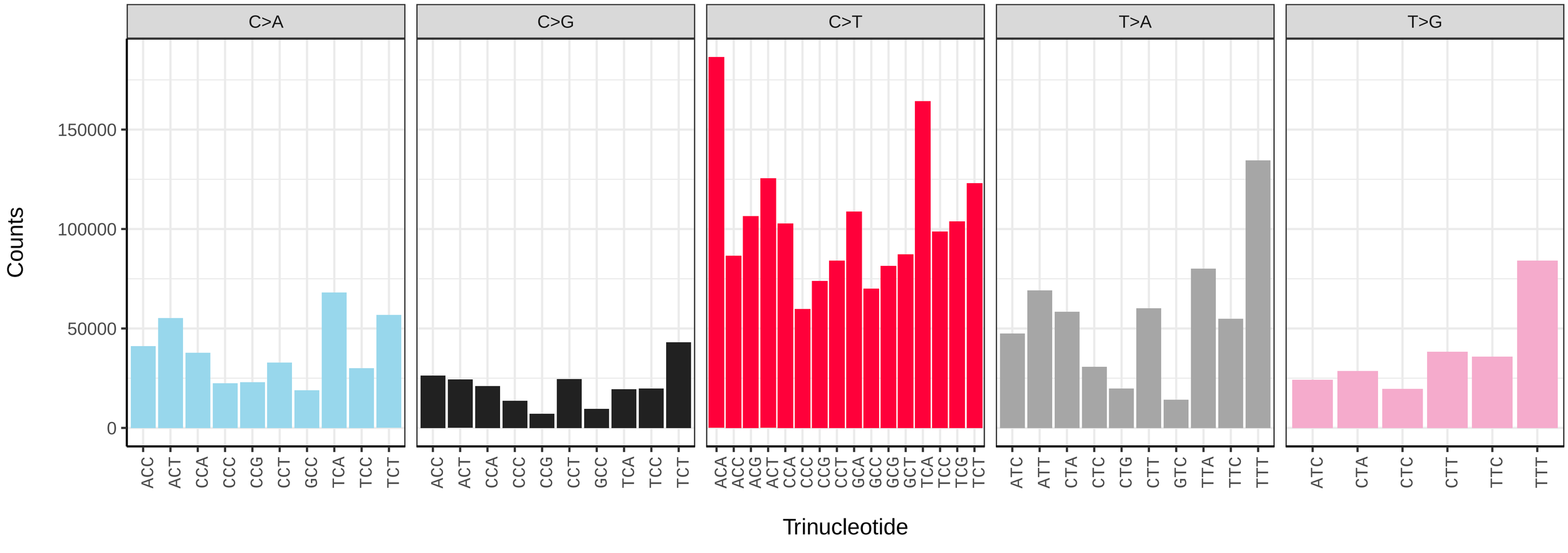
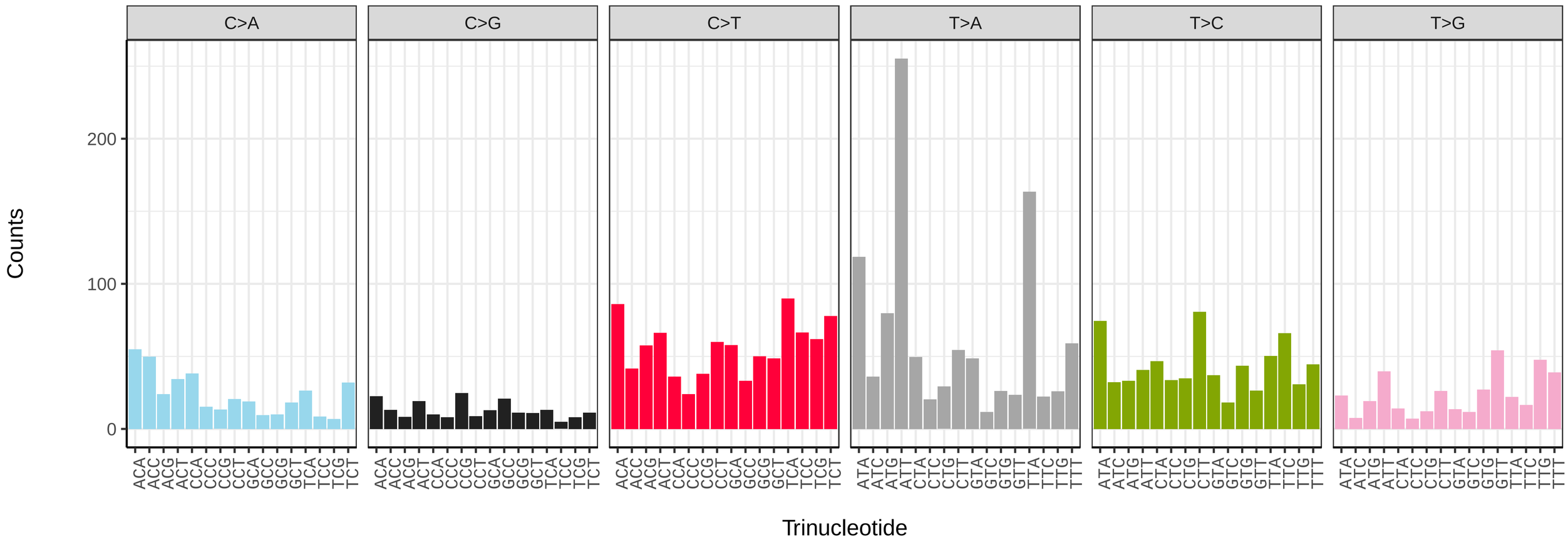


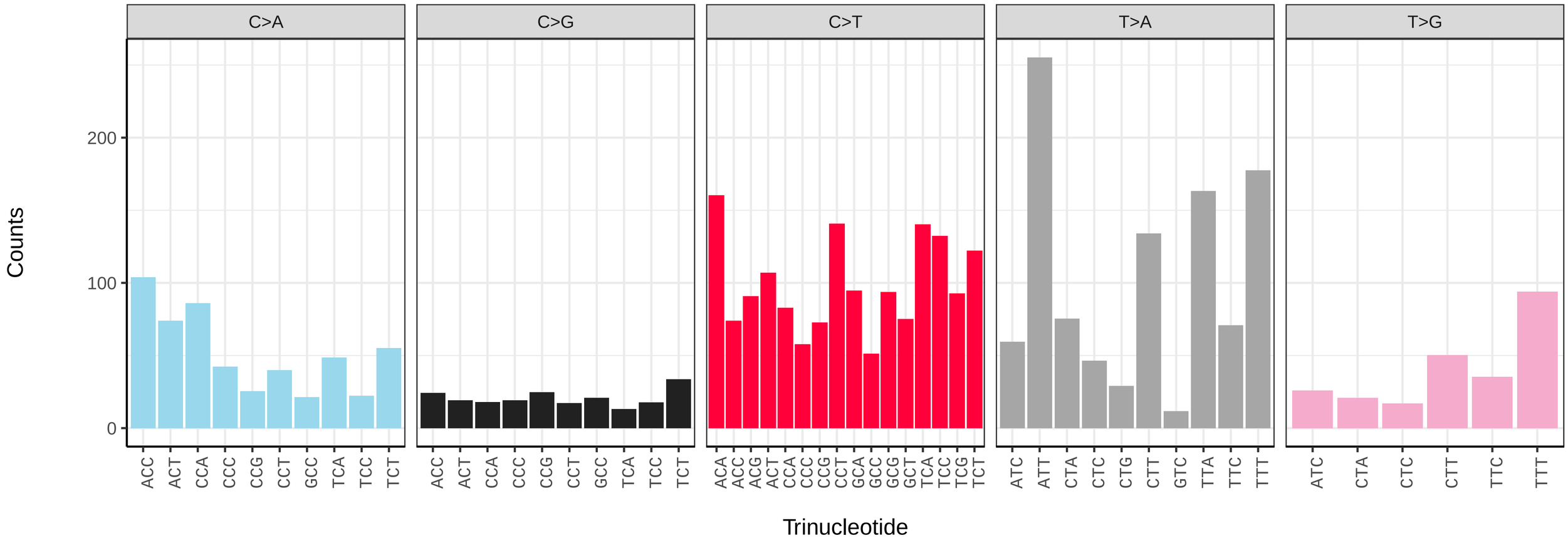
Eilema depressum (ilEilDepe1) germline mutational spectrum



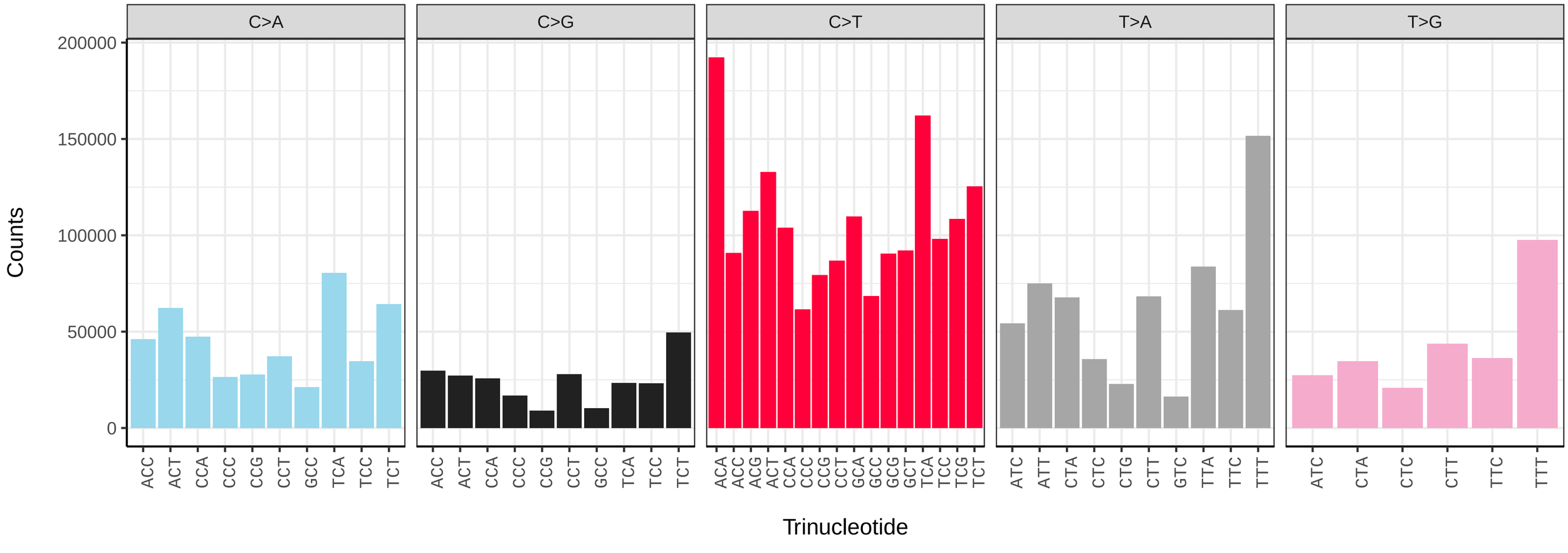
Eilema depressum (ilEilDepe1) somatic mutational spectrum (SBS96 classification)



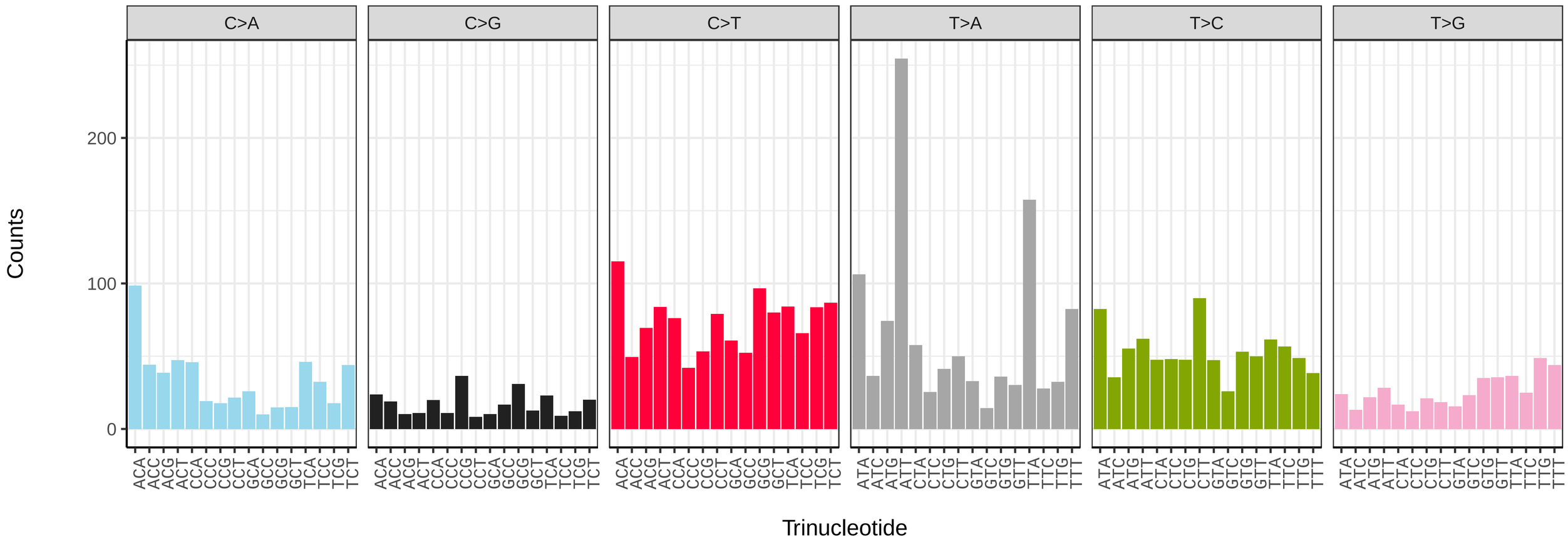
Eilema depressum (ilEilDepe1) somatic mutational spectrum (SBS52 classification)



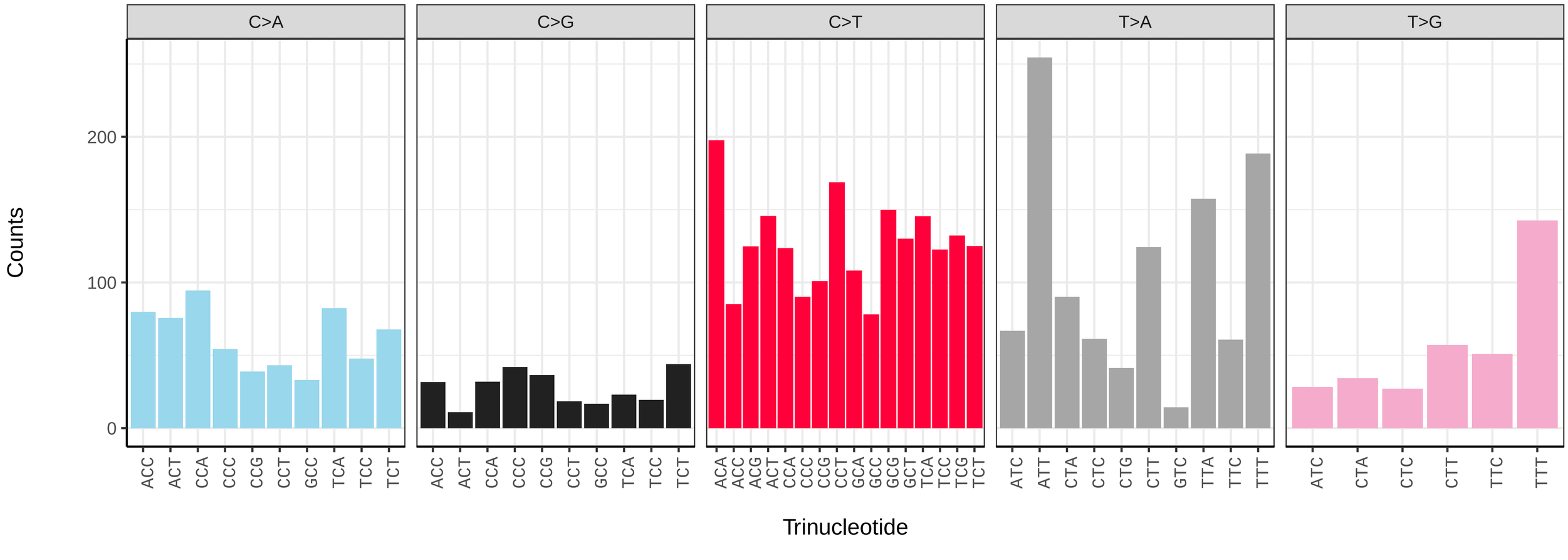
Eilema sororcula (ilEilSoro1) germline mutational spectrum



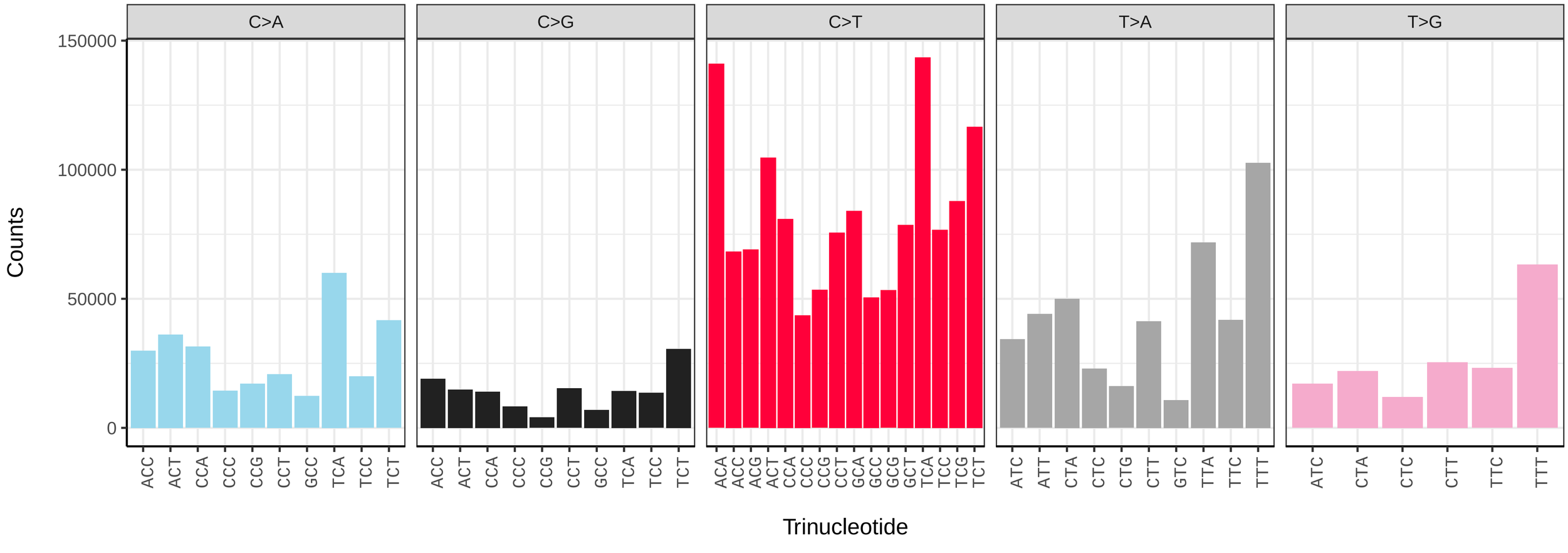
Eilema sororcula (ilEilSoro1) somatic mutational spectrum (SBS96 classification)



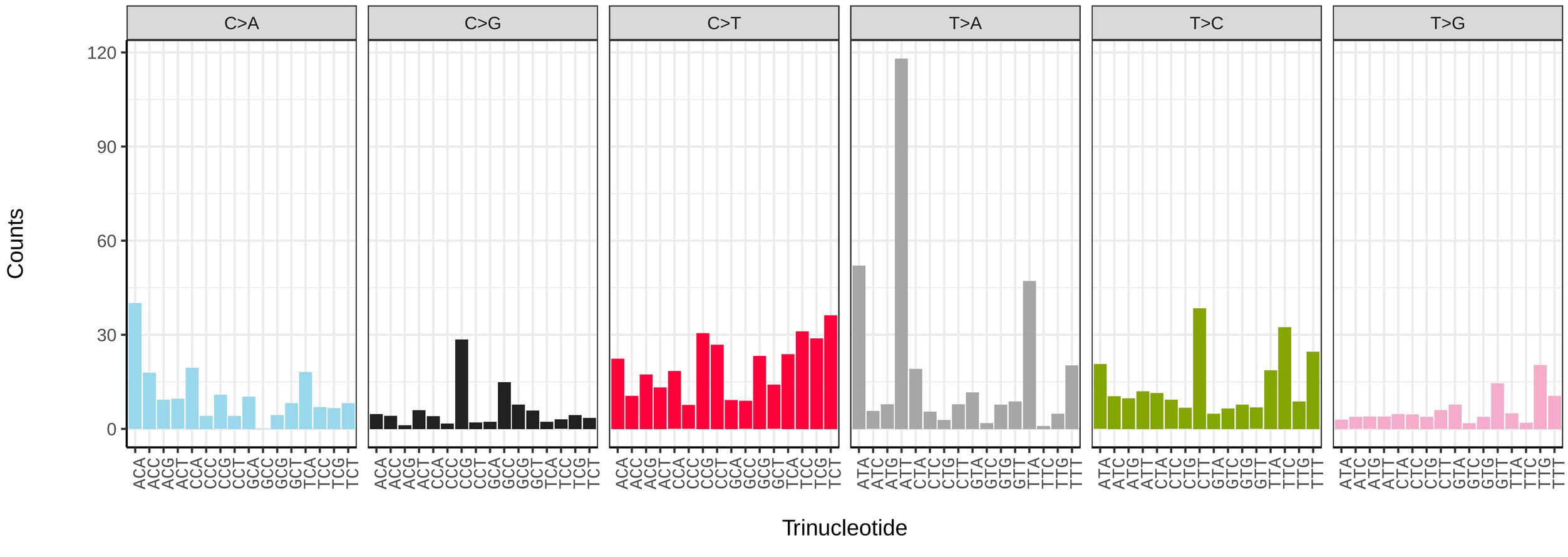
Eilema sororcula (ilEilSoro1) somatic mutational spectrum (SBS52 classification)



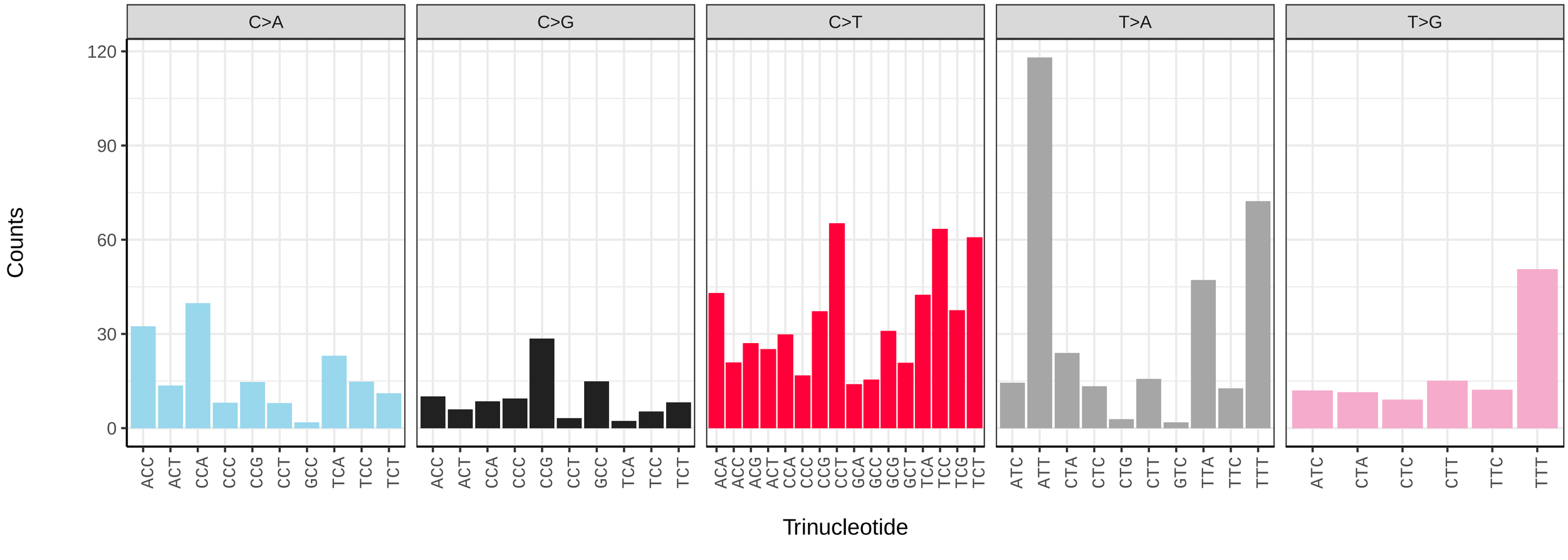
Electrophaes corylata (ilEleCory1) germline mutational spectrum



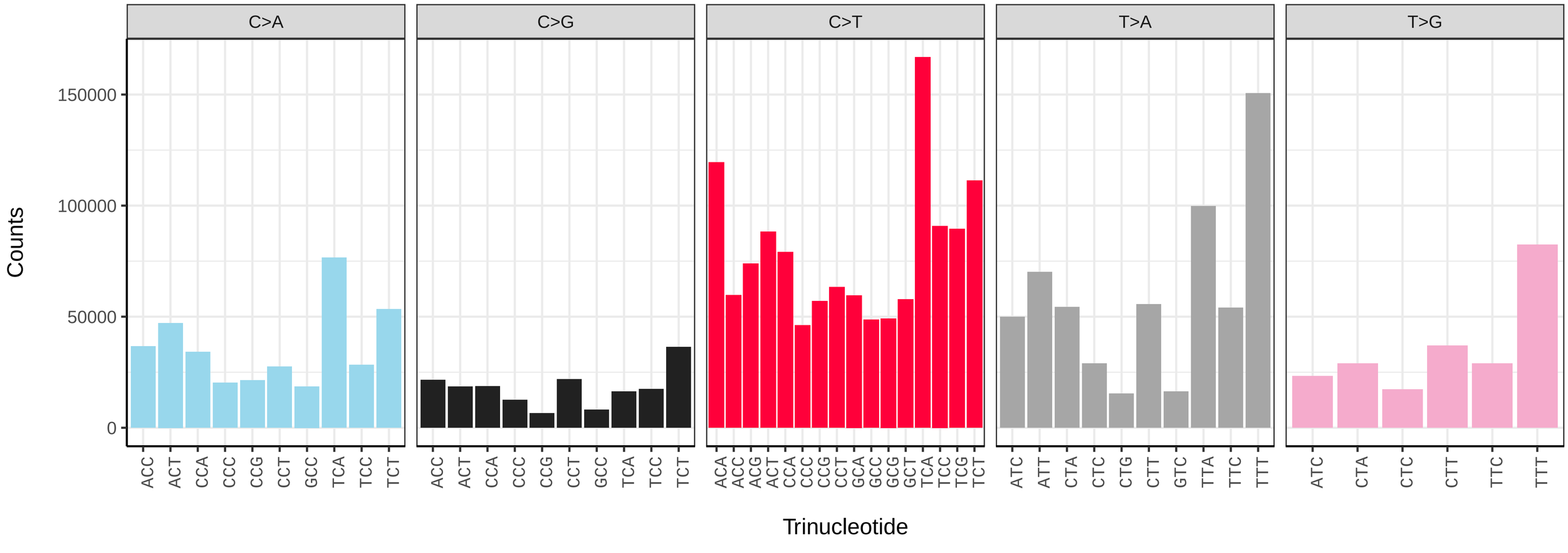
Electrophaes corylata (ilEleCory1) somatic mutational spectrum (SBS96 classification)



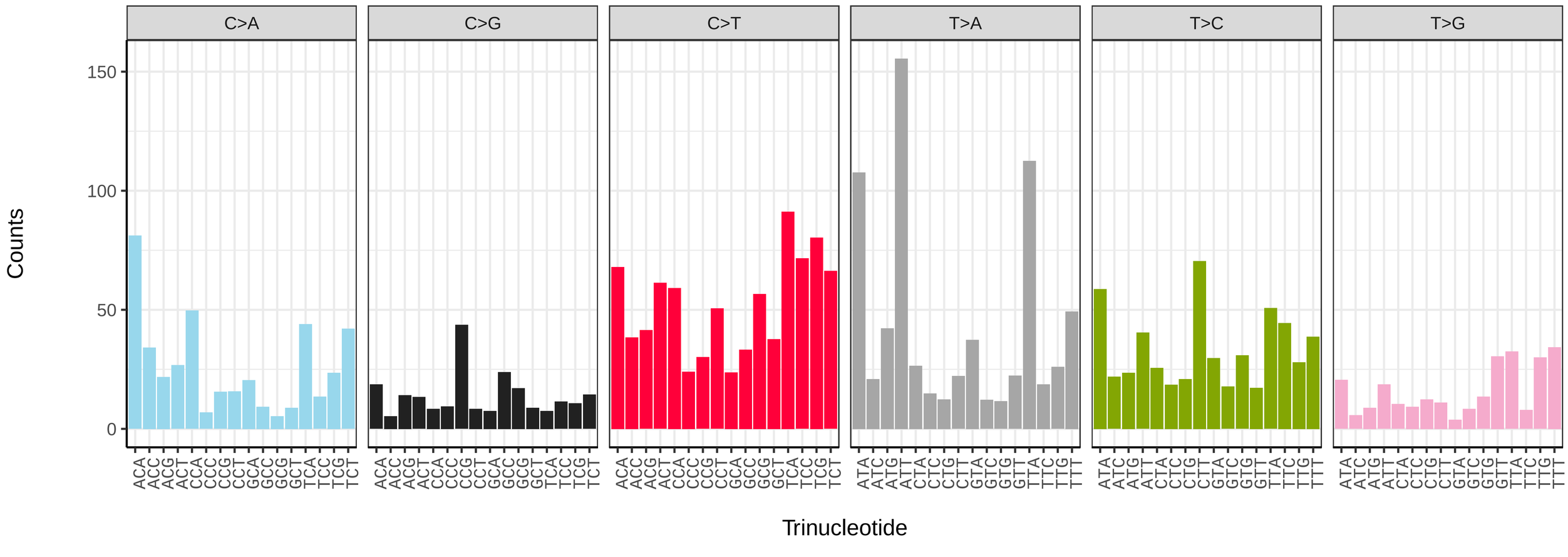
Electrophaes corylata (ilEleCory1) somatic mutational spectrum (SBS52 classification)



Elegia similella (ilEleSimi1) germline mutational spectrum



Elegia similella (ilEleSimi1) somatic mutational spectrum (SBS96 classification)



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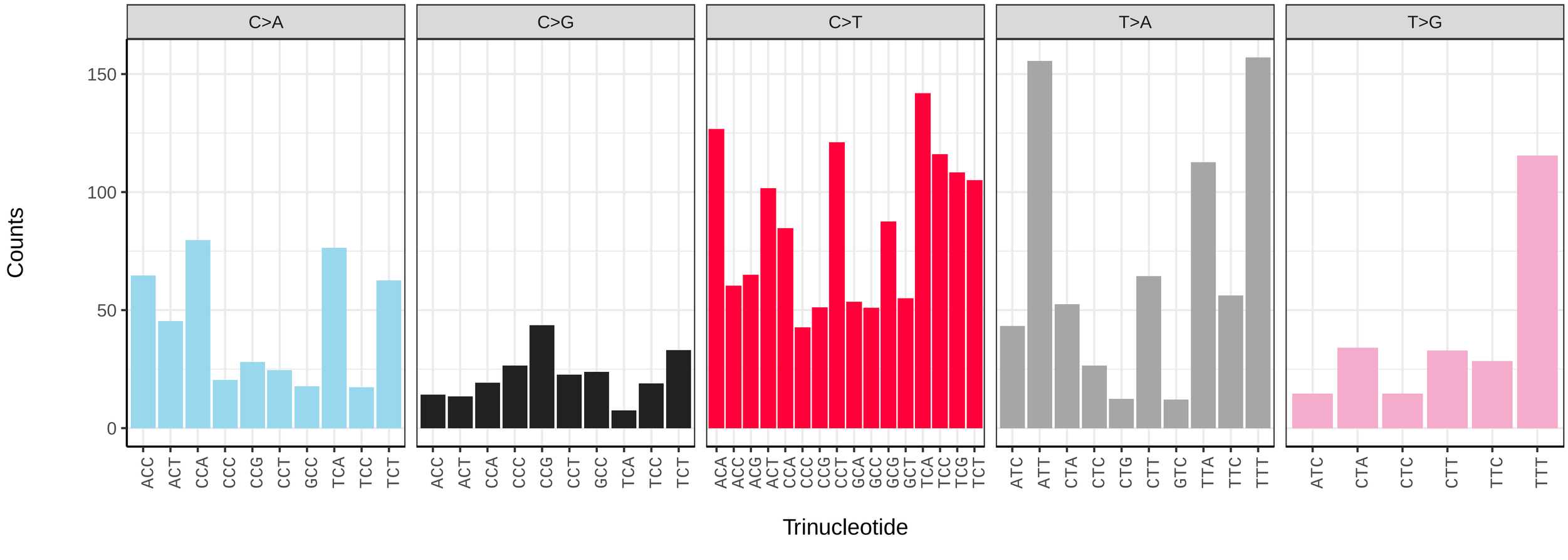
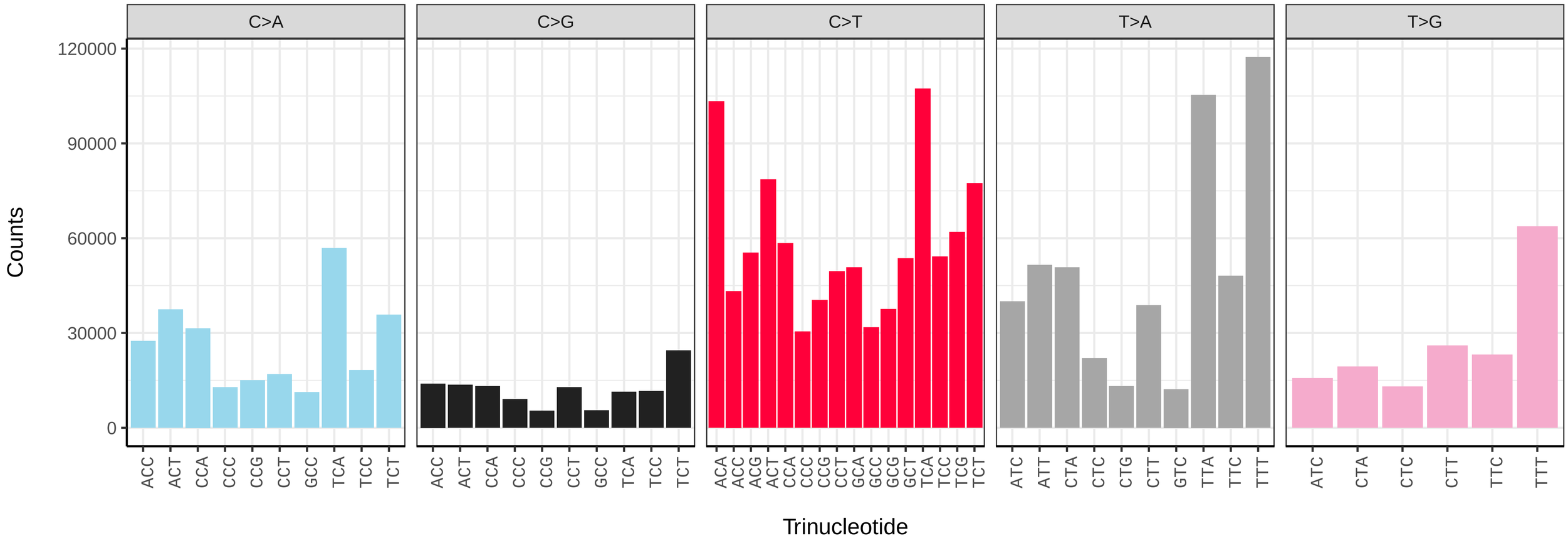


Emmelina monodactyla (ilEmmMono1) germline mutational spectrum



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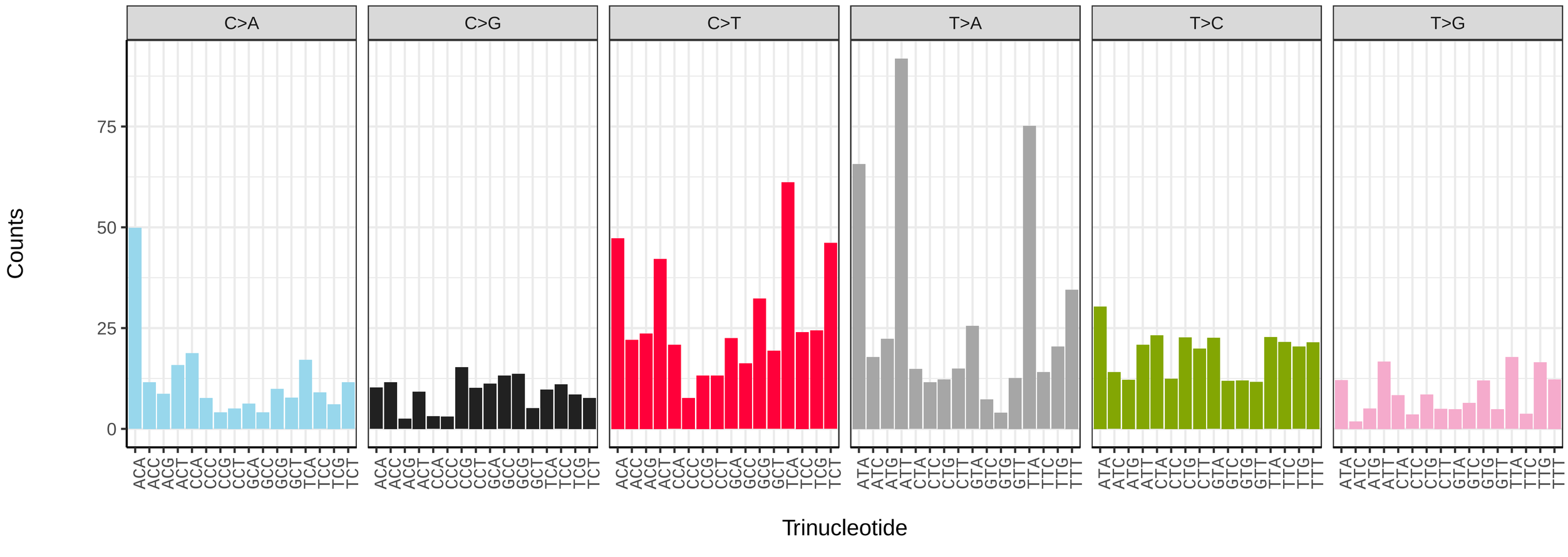

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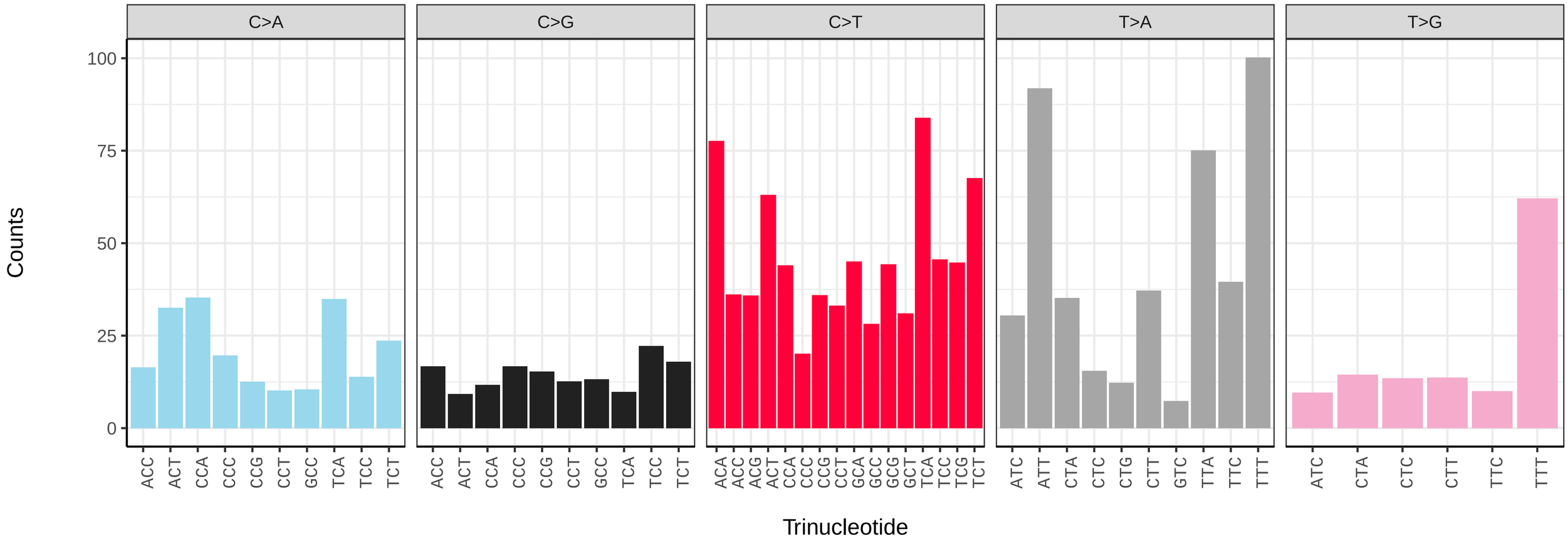
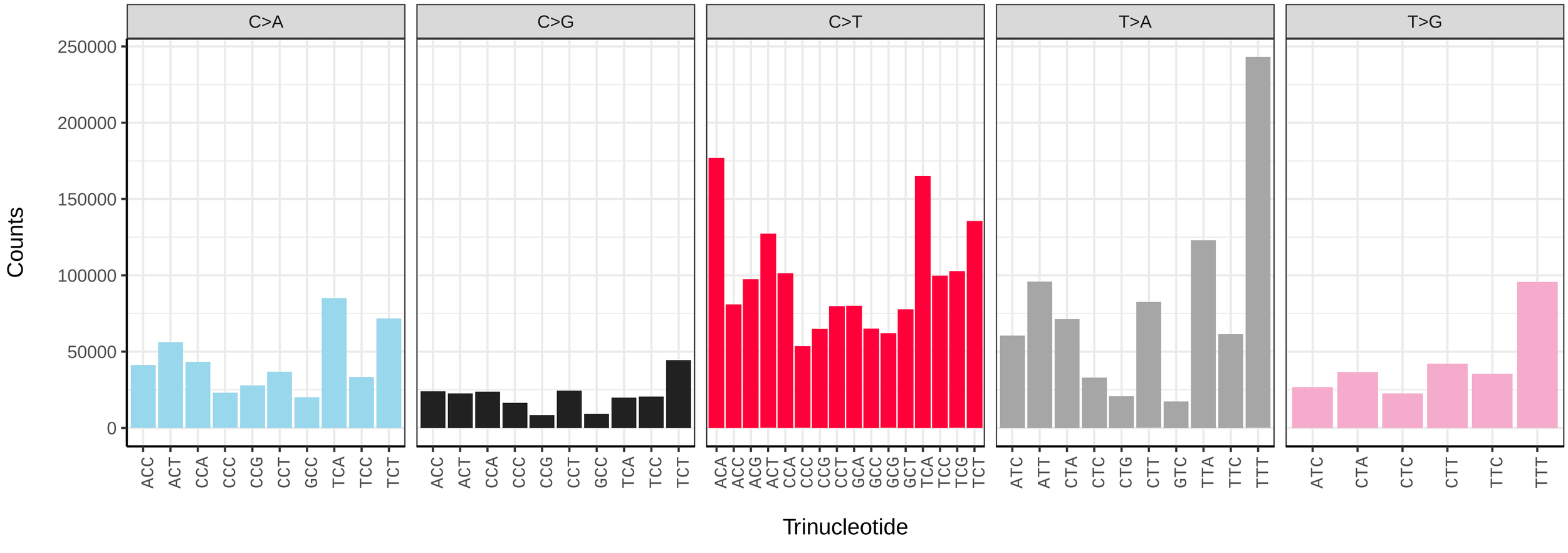
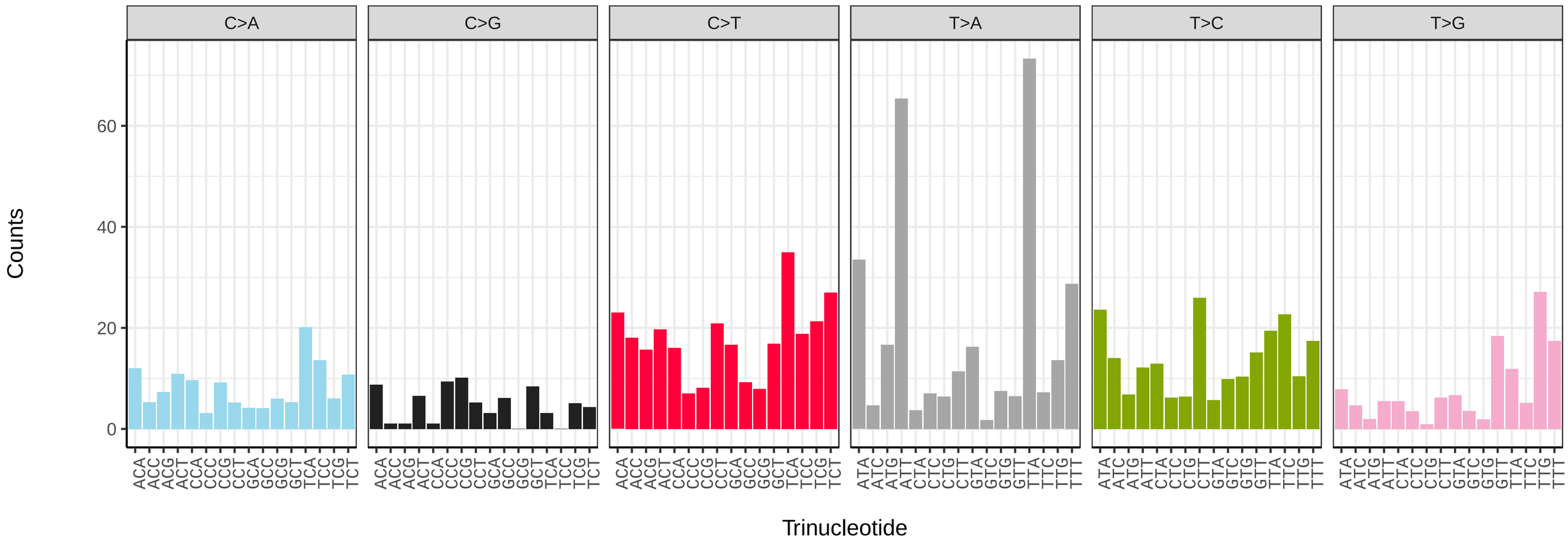


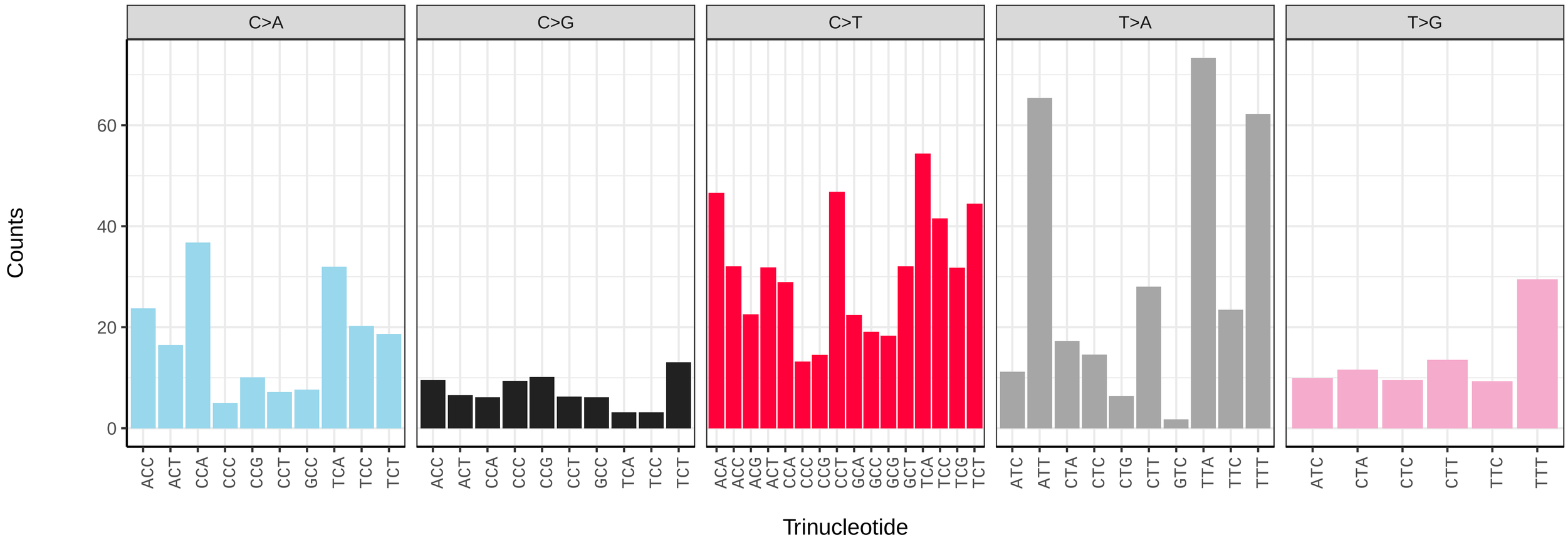
Endotricha flammealis (ilEndFlam1) germline mutational spectrum



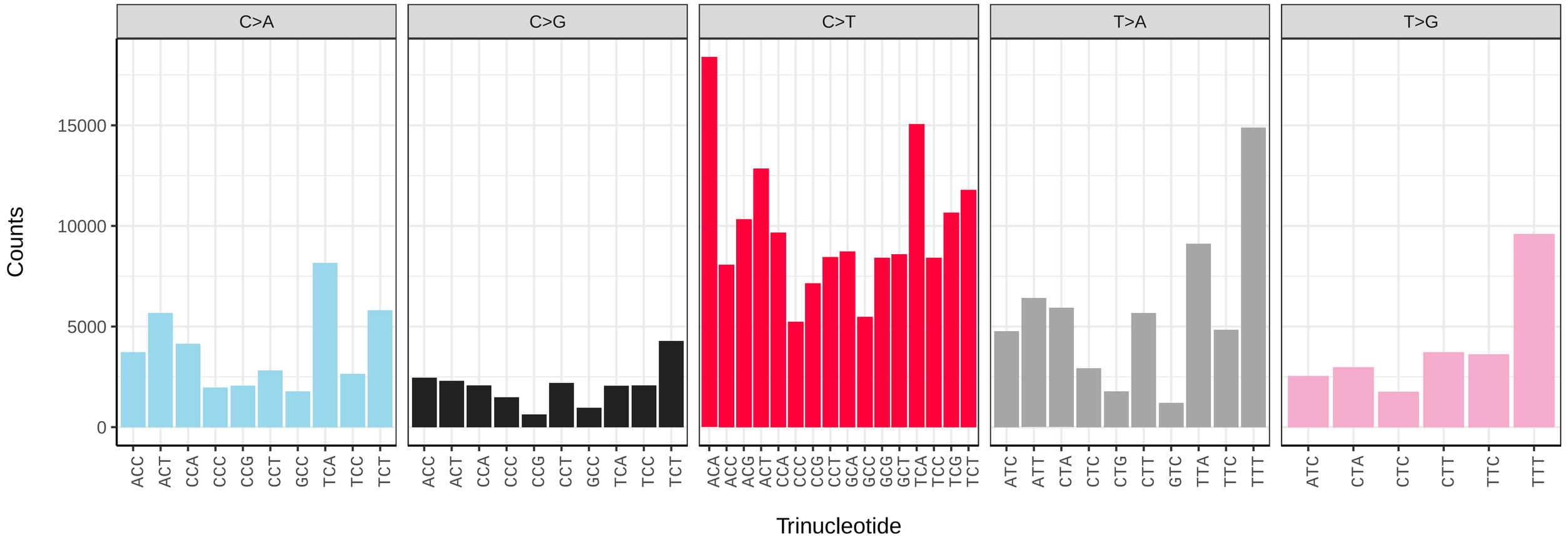
Endotricha flammealis (ilEndFlam1) somatic mutational spectrum (SBS96 classification)



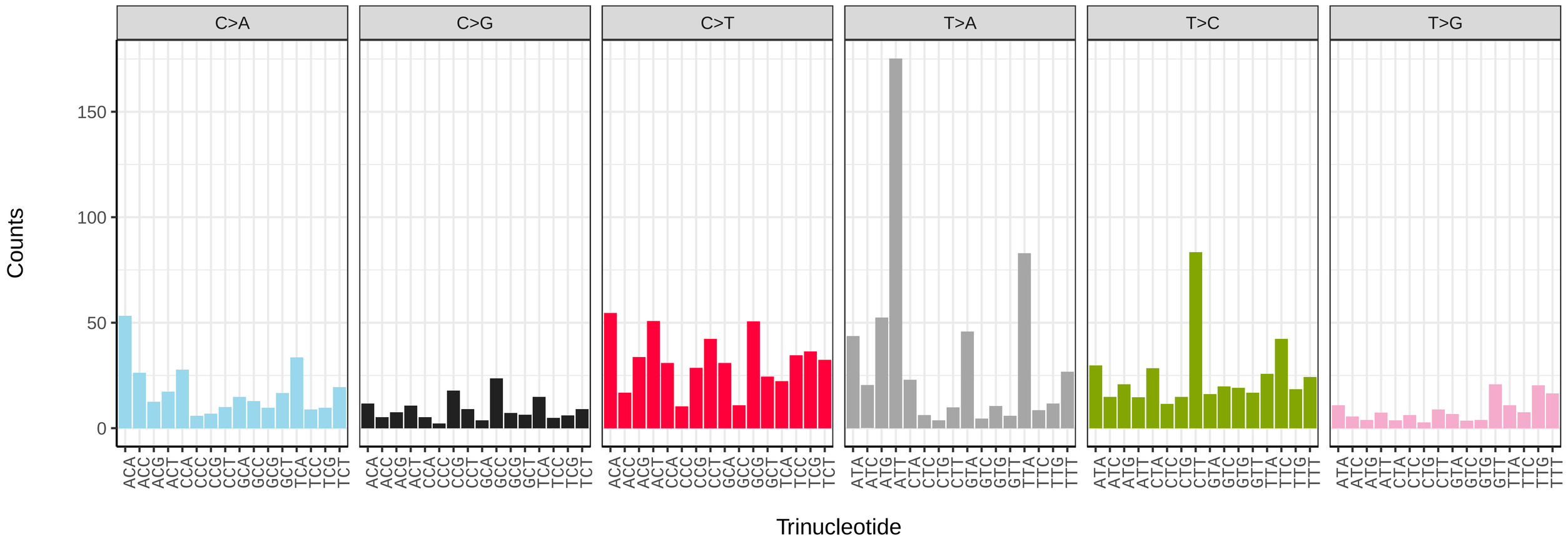
Endotricha flammealis (ilEndFlam1) somatic mutational spectrum (SBS52 classification)



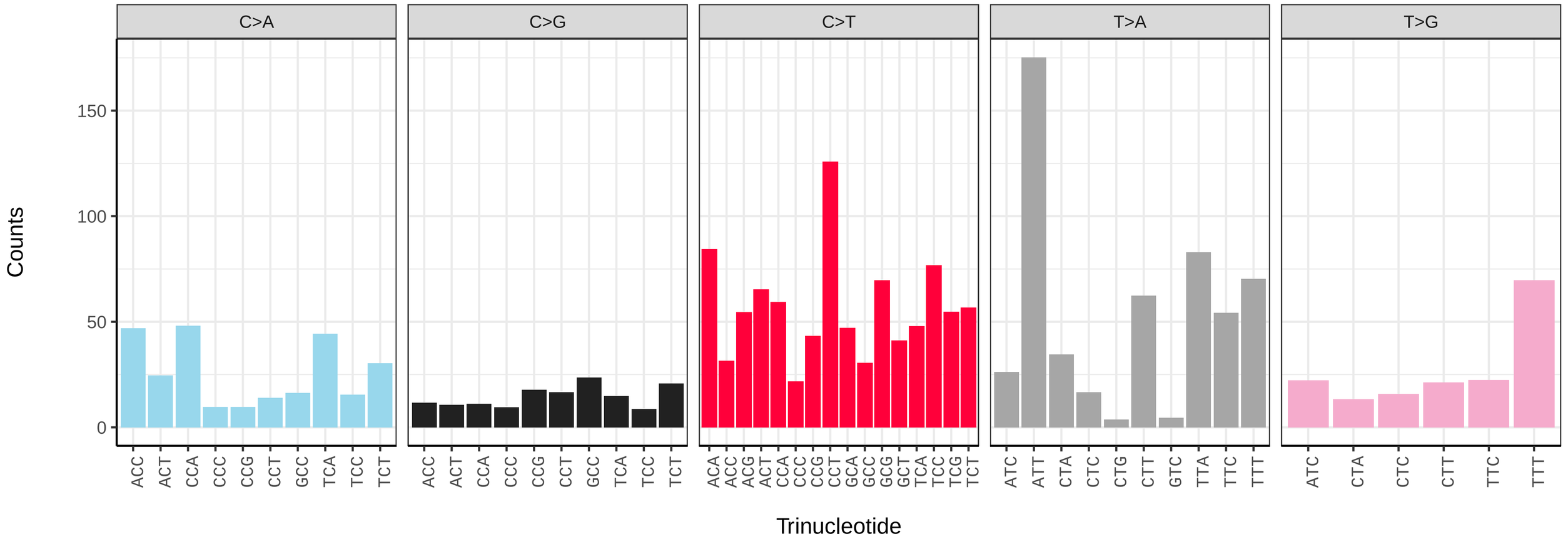
Ennomos fuscantarius (ilEnnFusc2) germline mutational spectrum



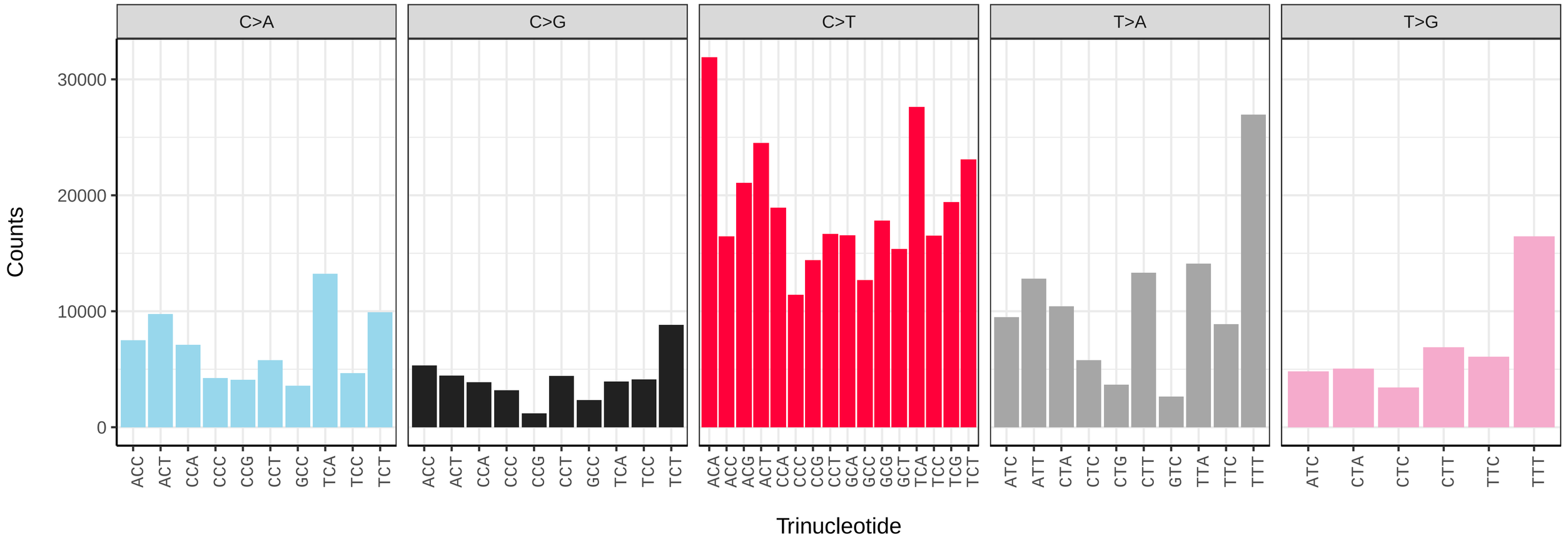
Ennomos fuscantarius (ilEnnFusc2) somatic mutational spectrum (SBS96 classification)



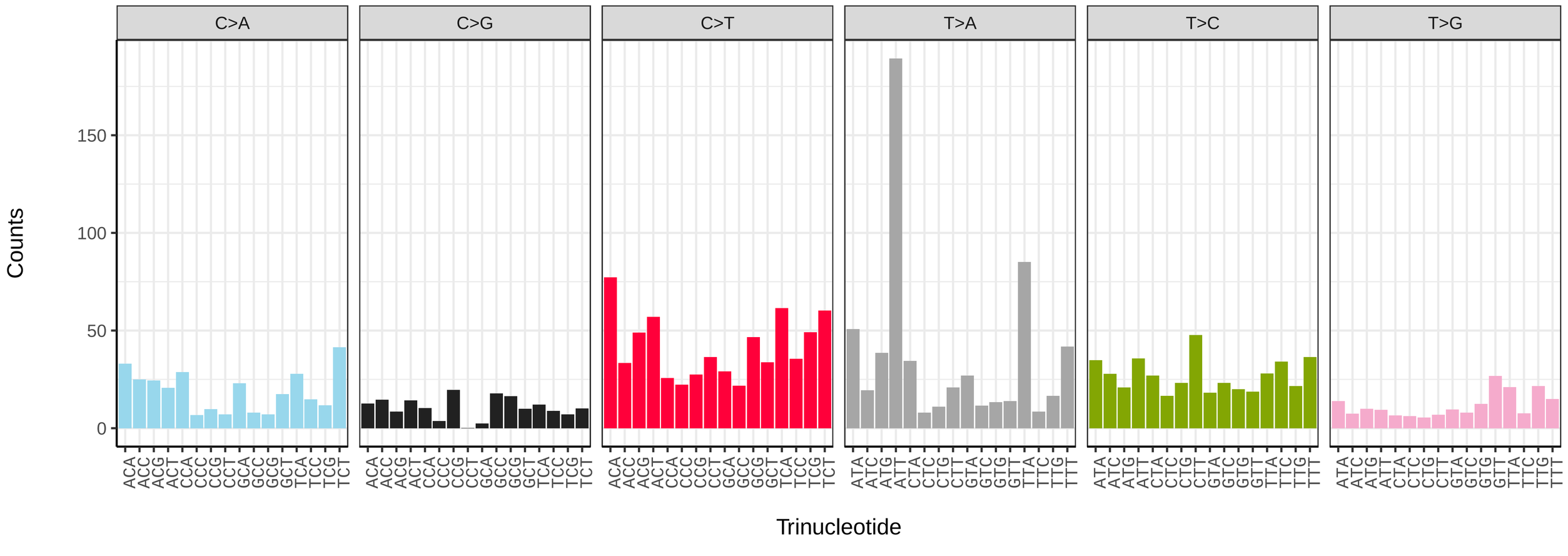
Ennomos fuscantarius (ilEnnFusc2) somatic mutational spectrum (SBS52 classification)



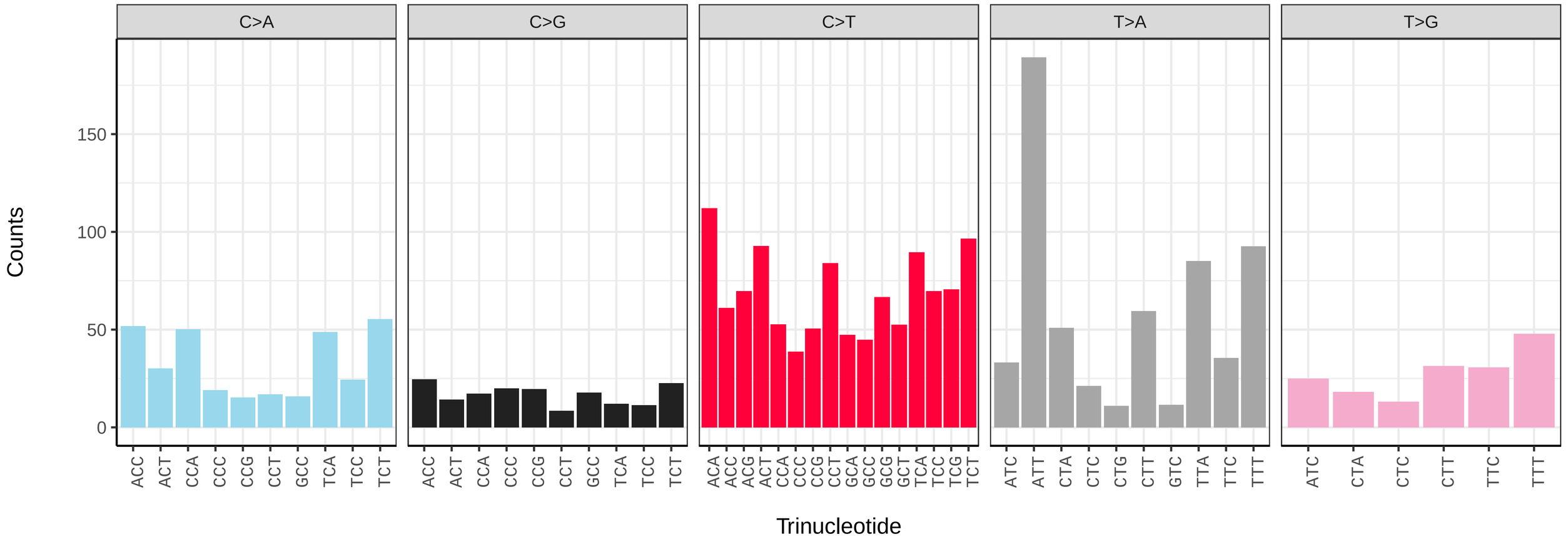
Ennomos quercinarius (ilEnnQuei1) germline mutational spectrum



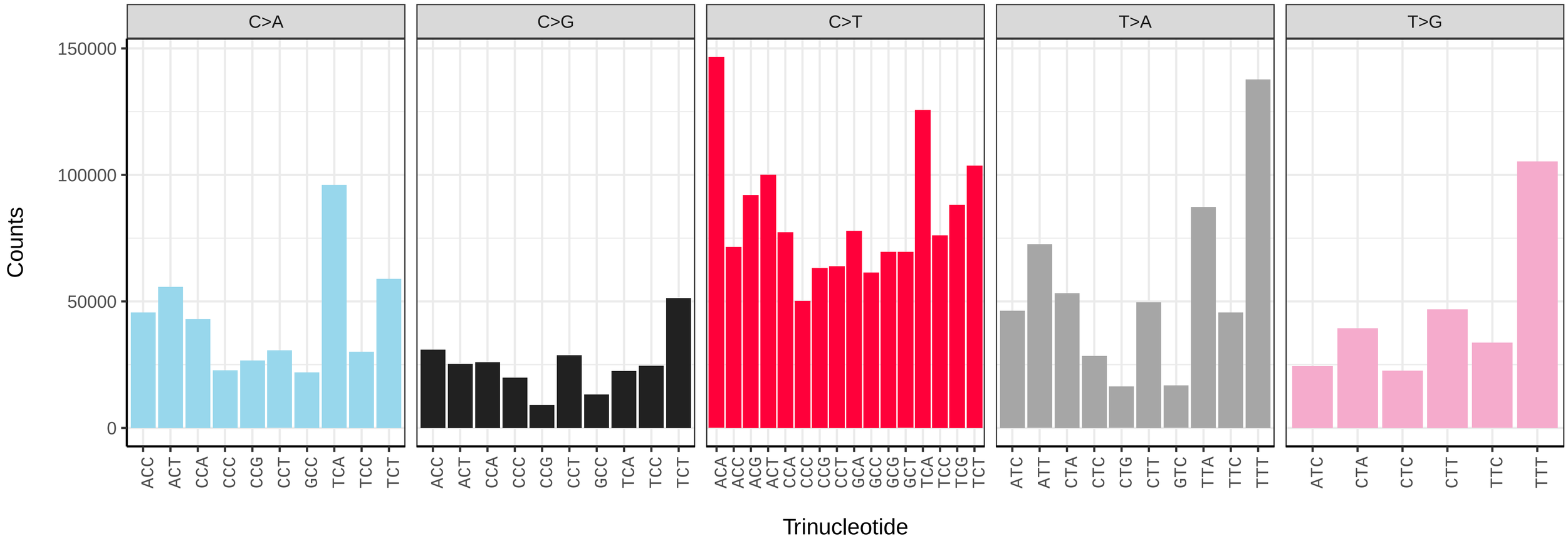
Ennomos quercinarius (ilEnnQuei1) somatic mutational spectrum (SBS96 classification)



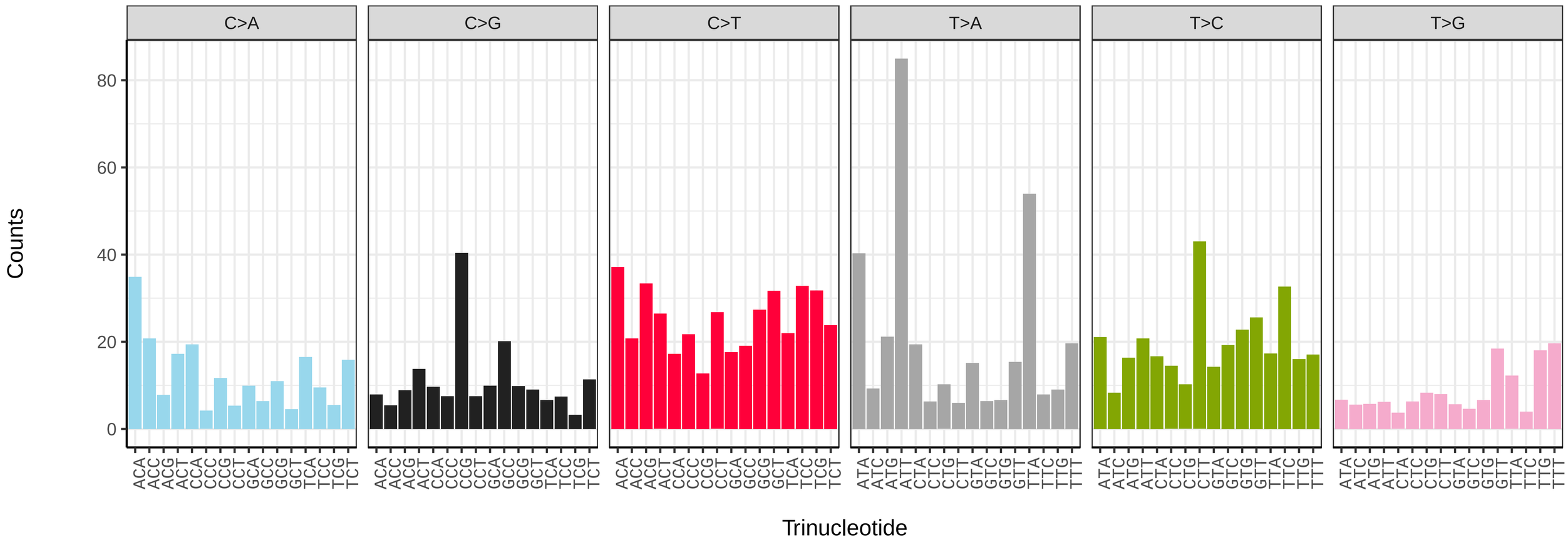
Ennomos quercinarius (ilEnnQuei1) somatic mutational spectrum (SBS52 classification)



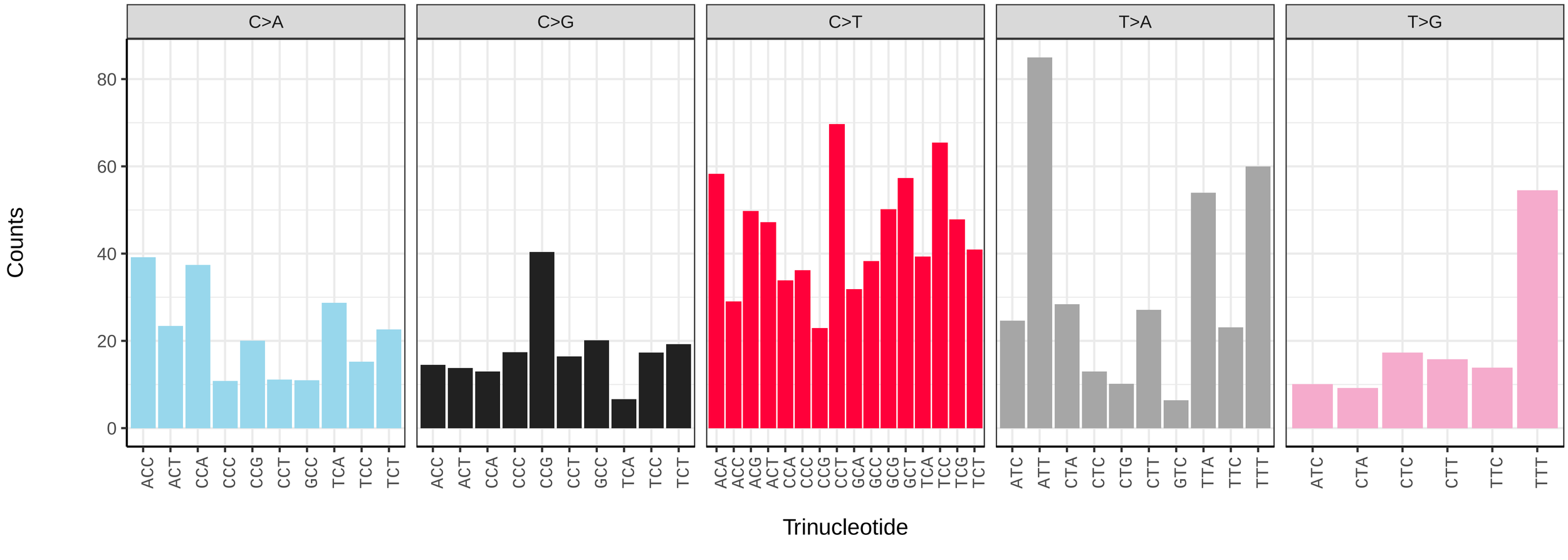
Epinotia bilunana (ilEpiBilu1) germline mutational spectrum



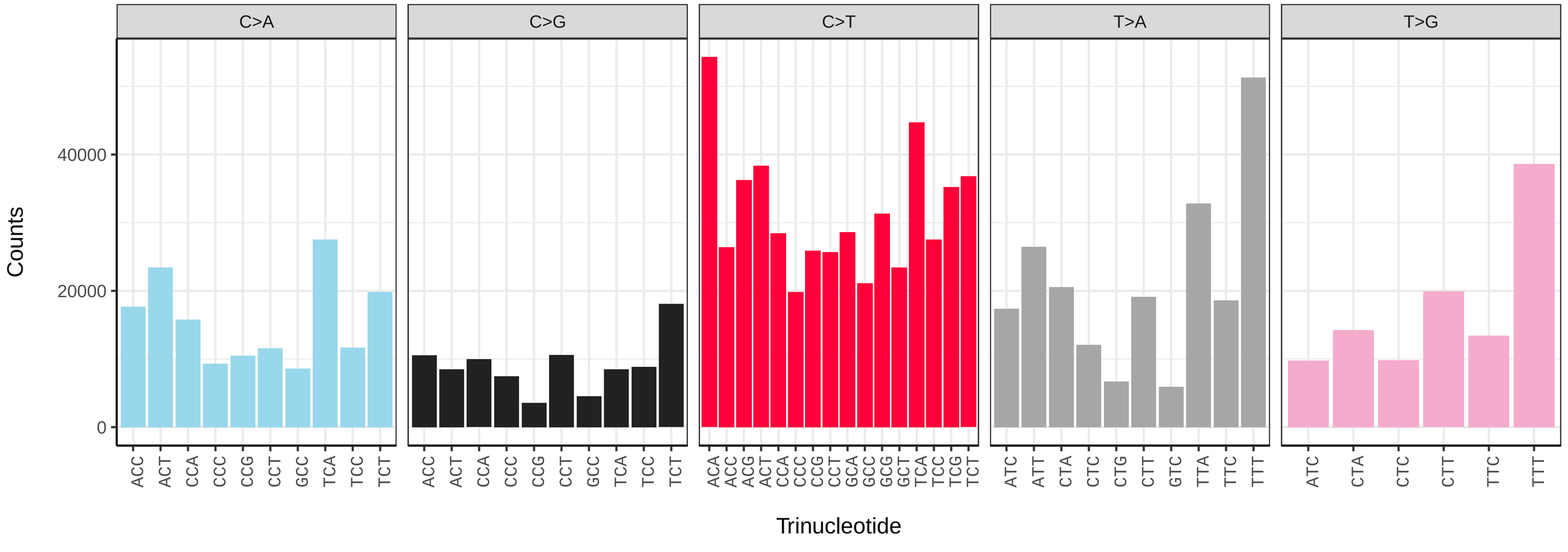
Epinotia bilunana (ilEpiBilu1) somatic mutational spectrum (SBS96 classification)



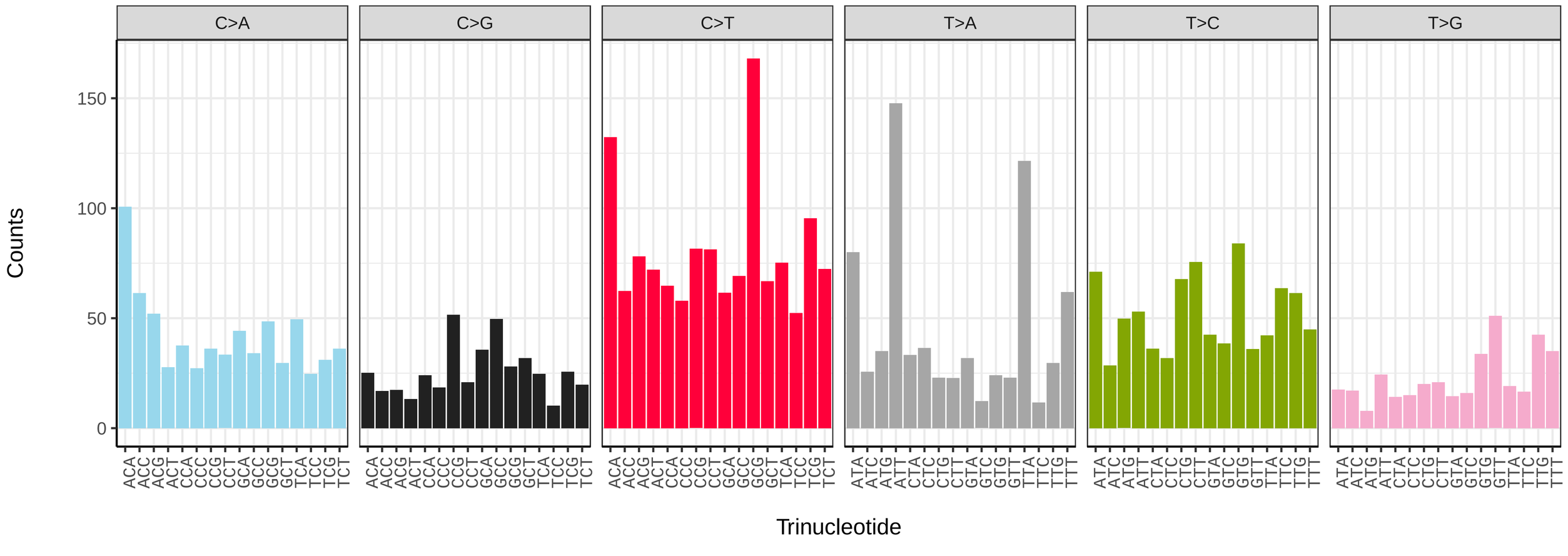
Epinotia bilunana (ilEpiBilu1) somatic mutational spectrum (SBS52 classification)



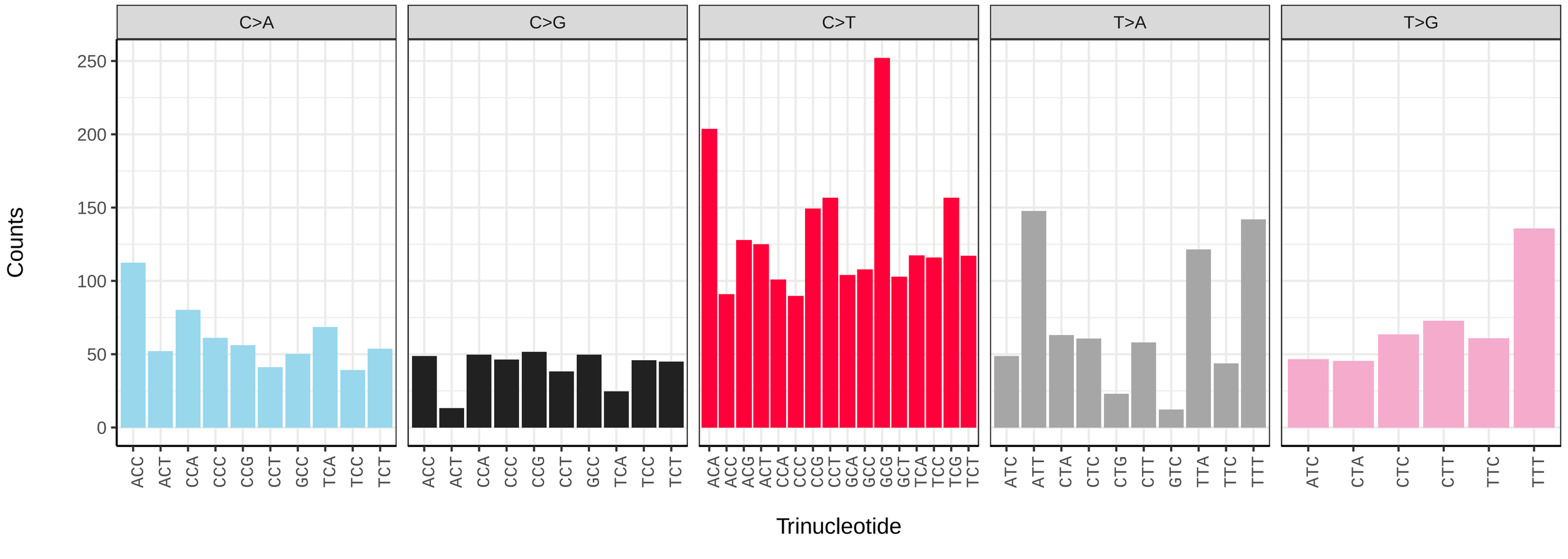
Epinotia demarniana (ilEpiDema1) germline mutational spectrum



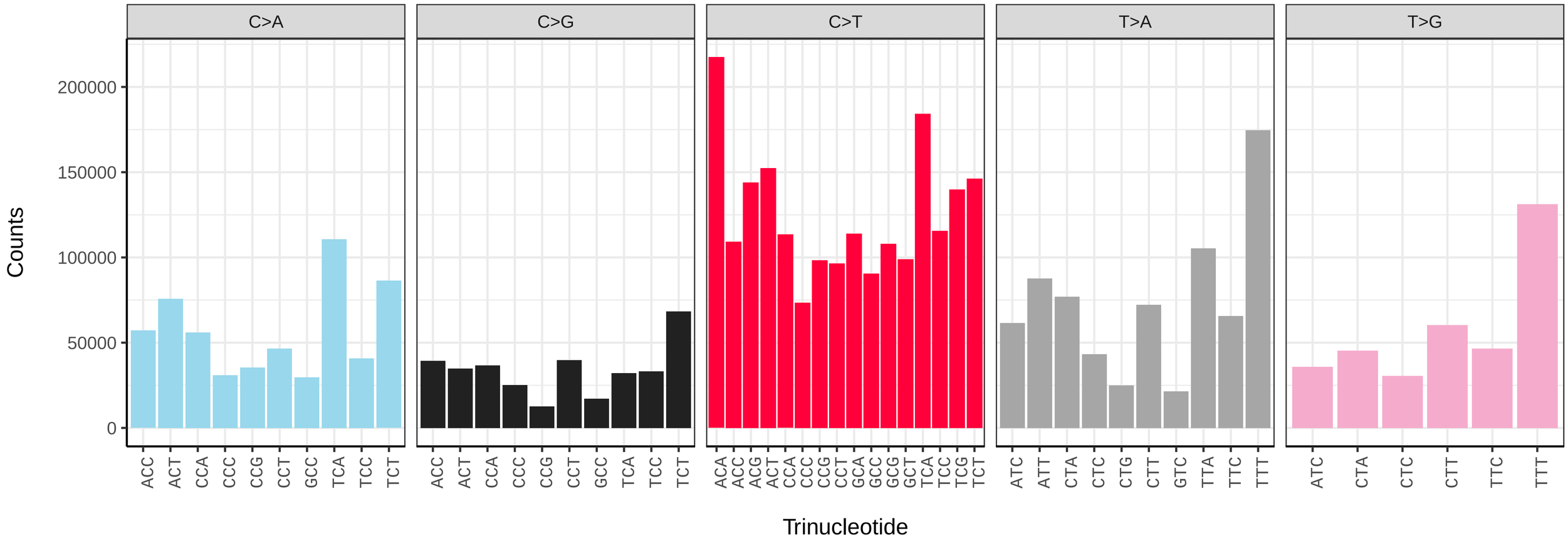
Epinotia demarniana (ilEpiDema1) somatic mutational spectrum (SBS96 classification)



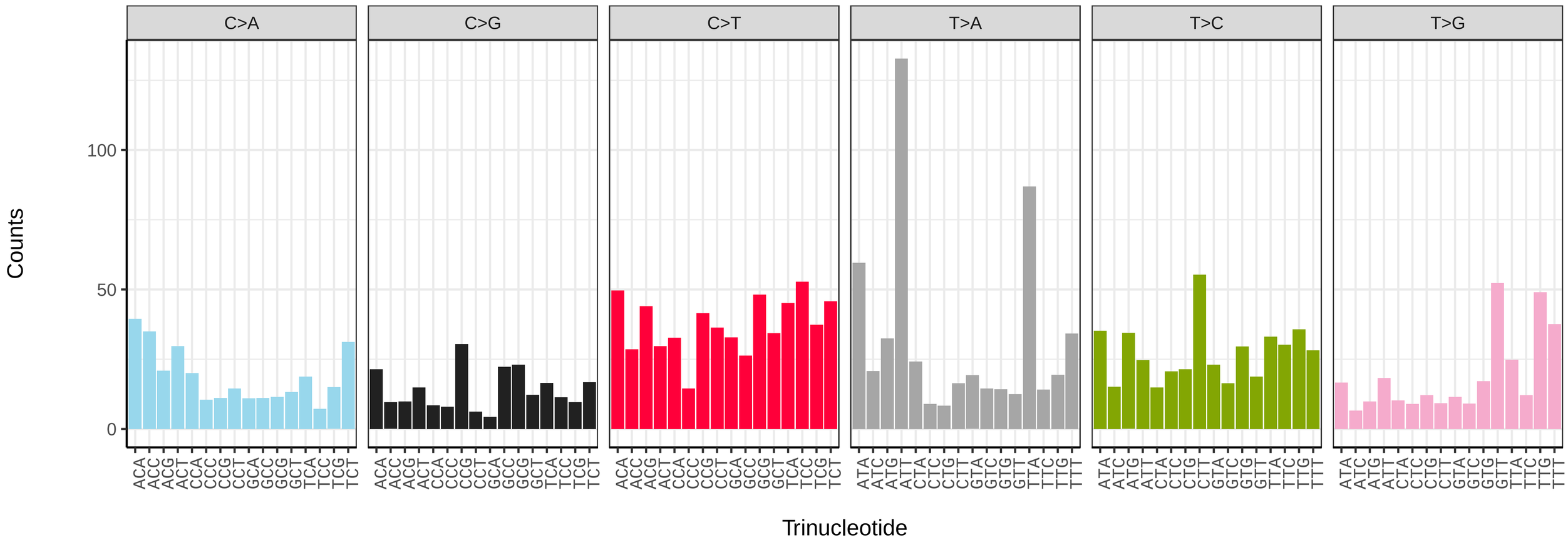
Epinotia demarniana (ilEpiDema1) somatic mutational spectrum (SBS52 classification)



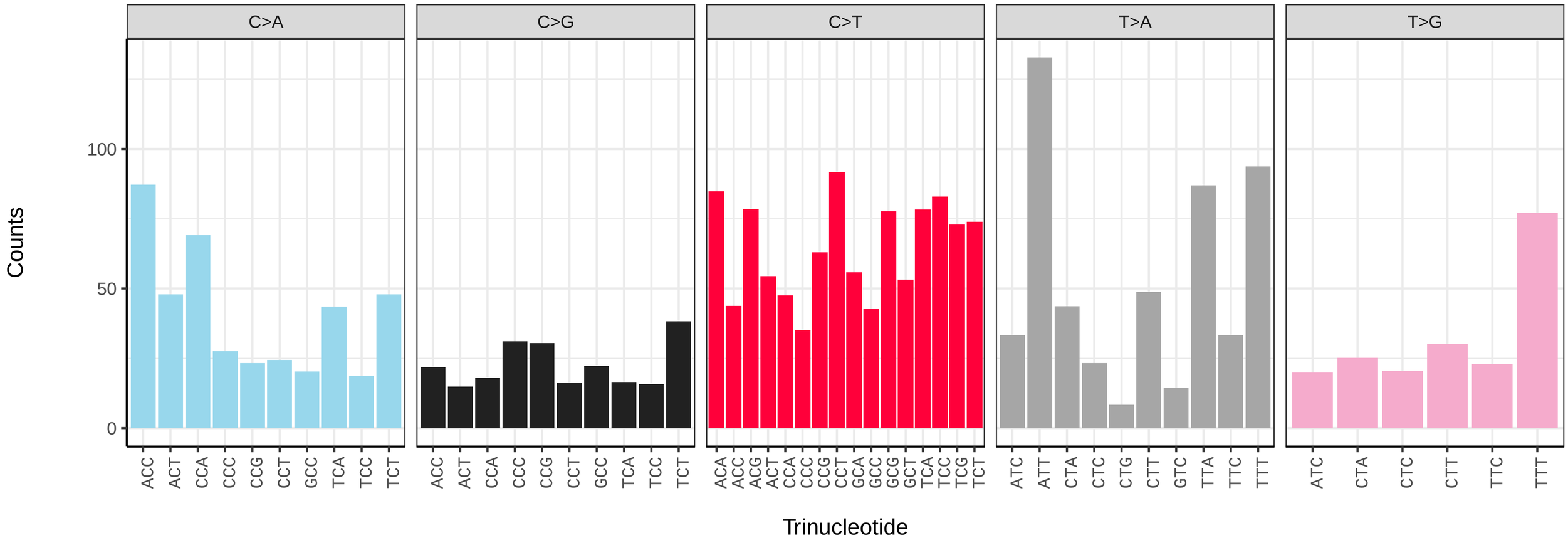
Epinotia nisella (ilEpiNise2) germline mutational spectrum



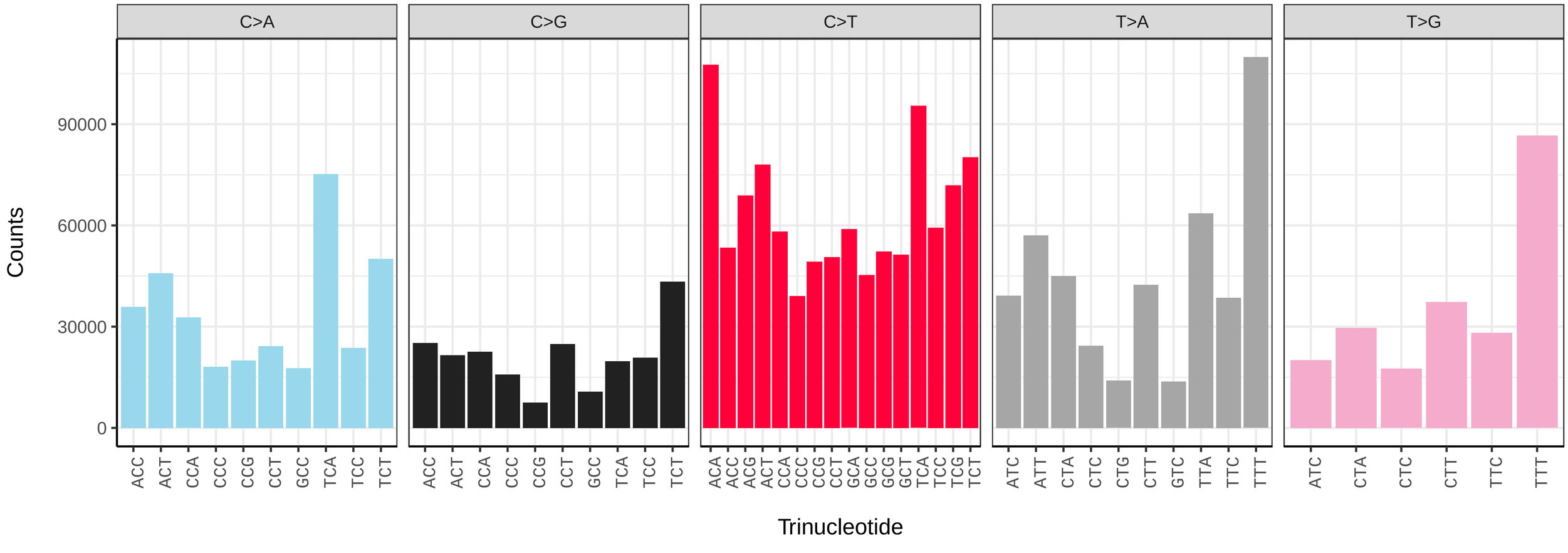
Epinotia nisella (ilEpiNise2) somatic mutational spectrum (SBS96 classification)



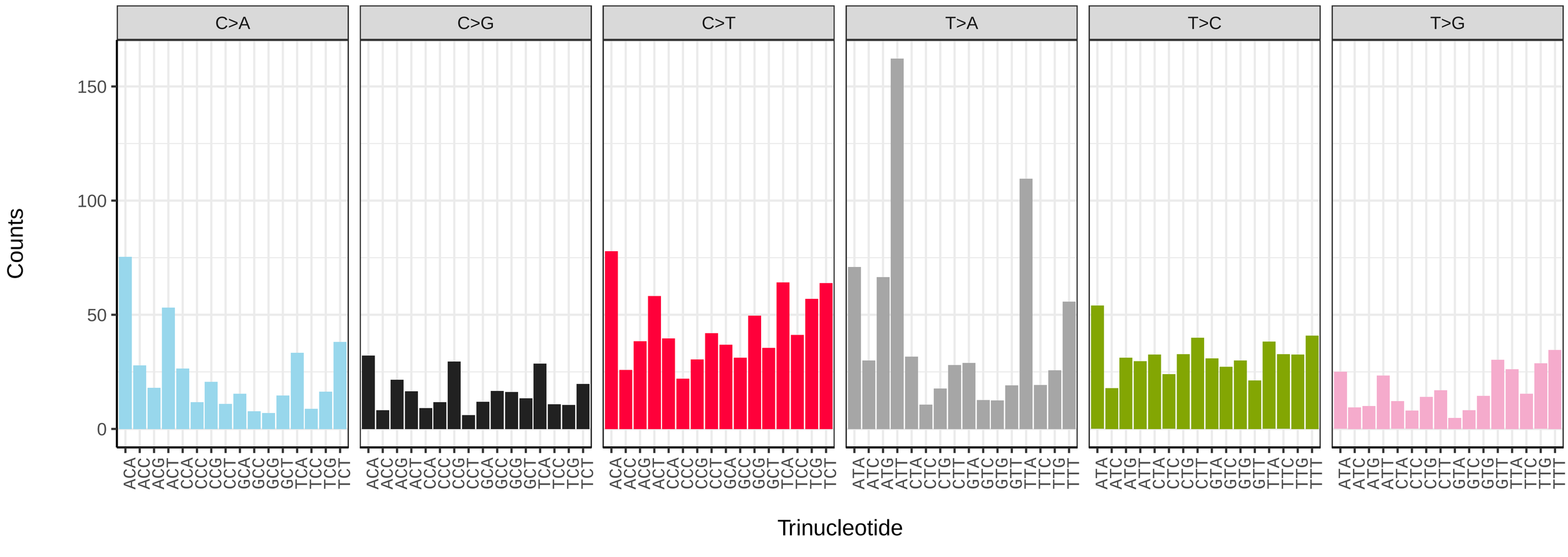
Epinotia nisella (ilEpiNise2) somatic mutational spectrum (SBS52 classification)



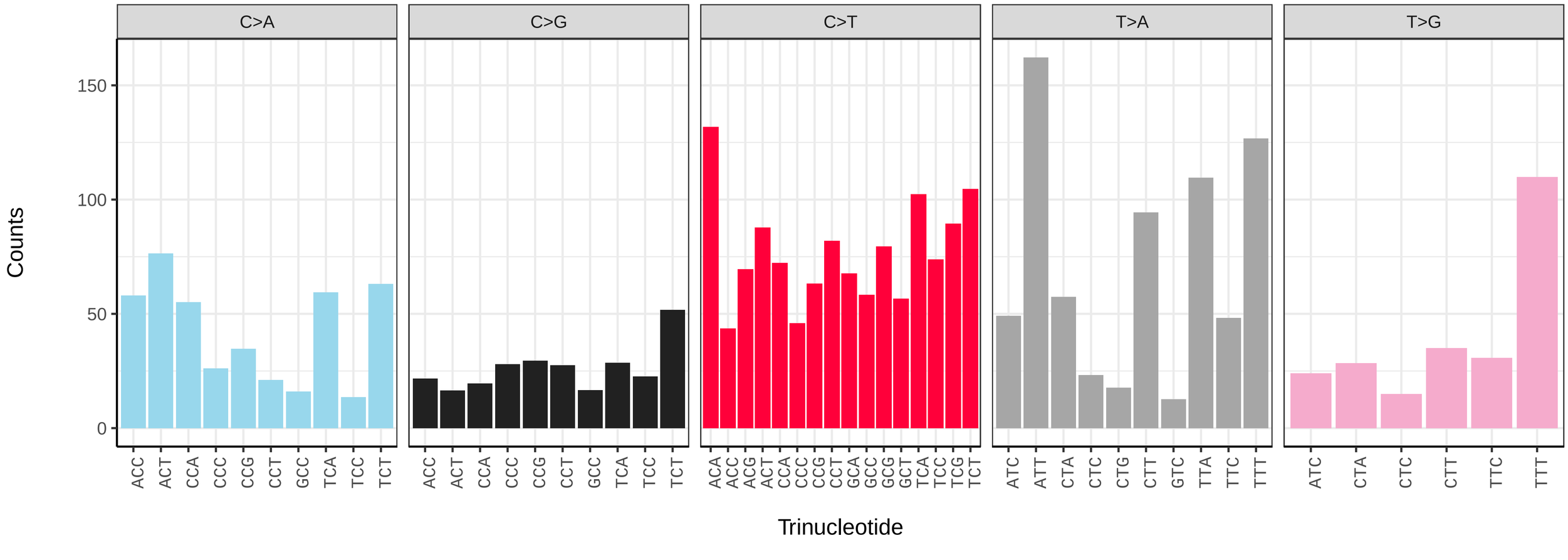
Epinotia ramella (ilEpiRame1) germline mutational spectrum



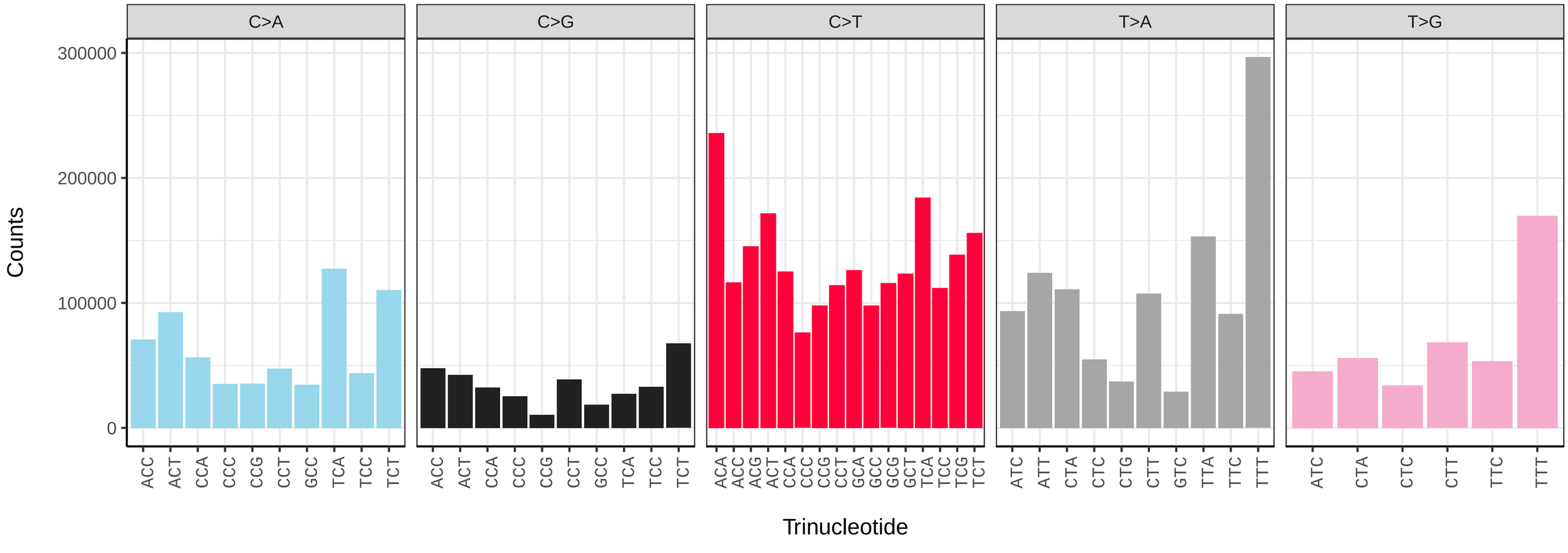
Epinotia ramella (ilEpiRame1) somatic mutational spectrum (SBS96 classification)



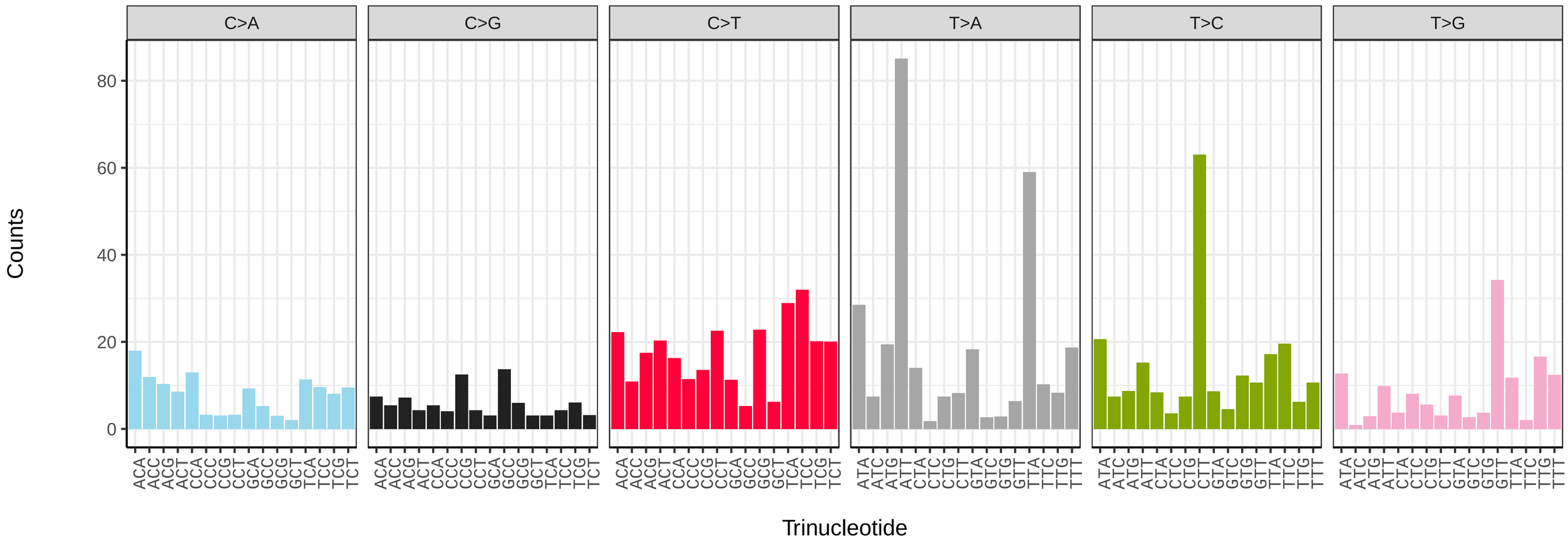
Epinotia ramella (ilEpiRame1) somatic mutational spectrum (SBS52 classification)



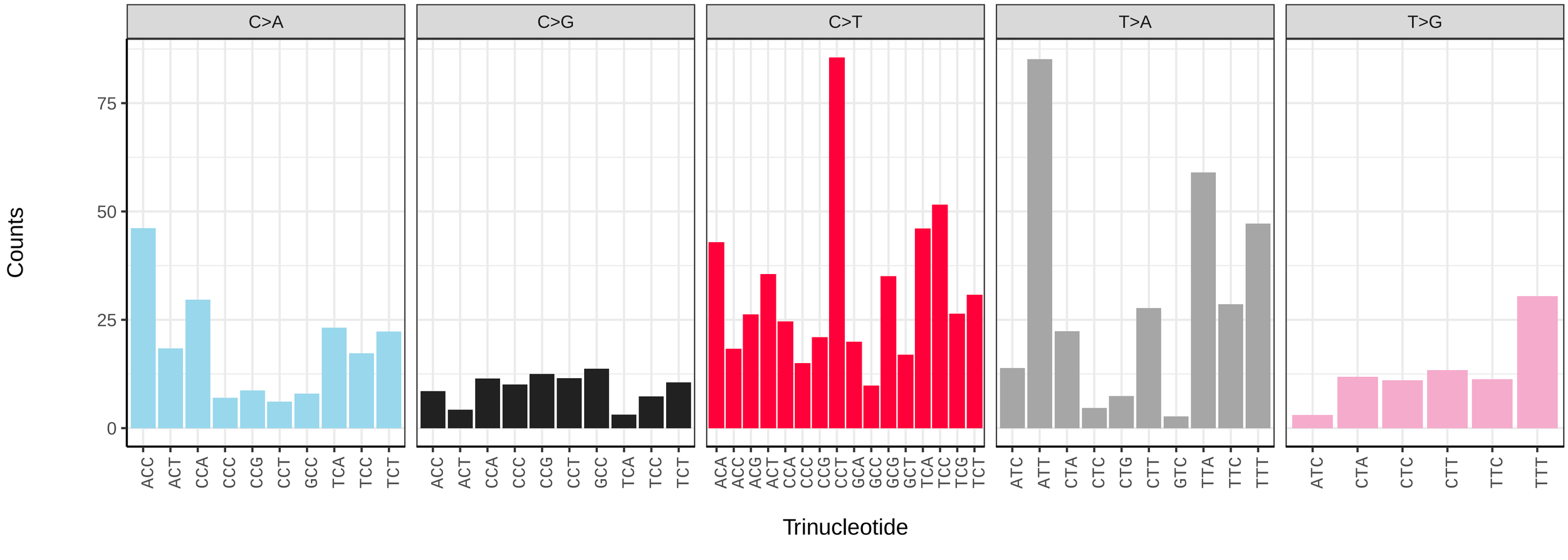
Erannis defoliaria (ilEraDefo1) germline mutational spectrum



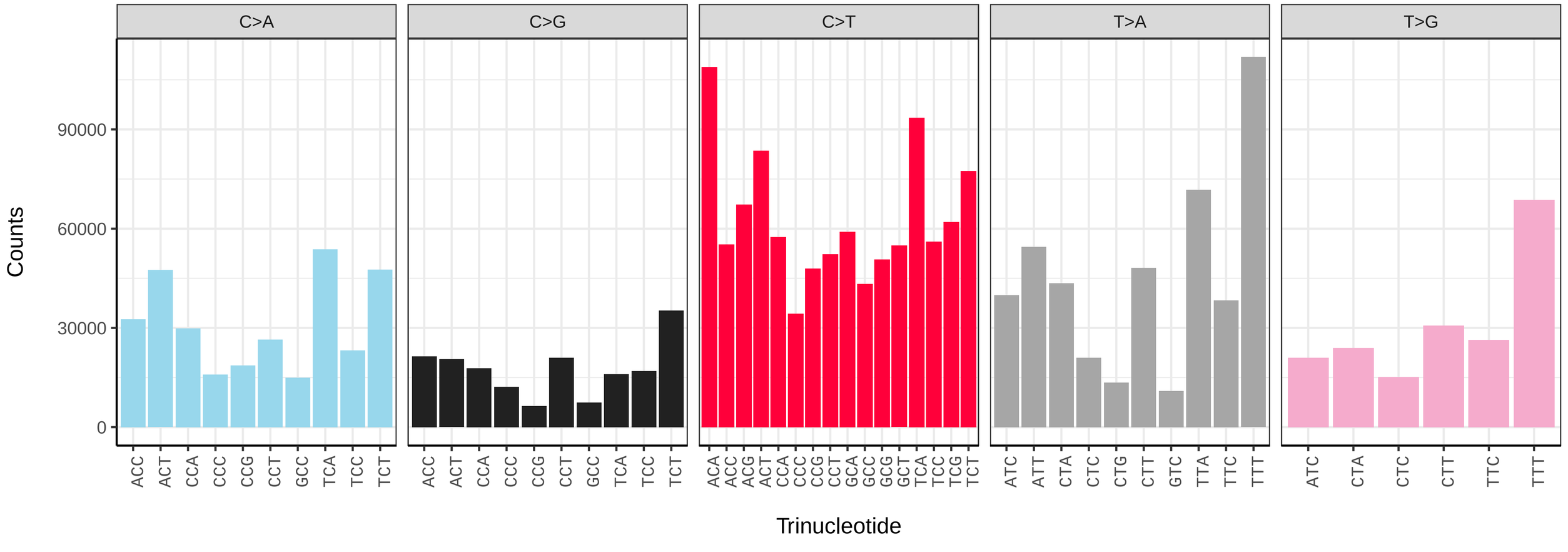
Erannis defoliaria (ilEraDefo1) somatic mutational spectrum (SBS96 classification)



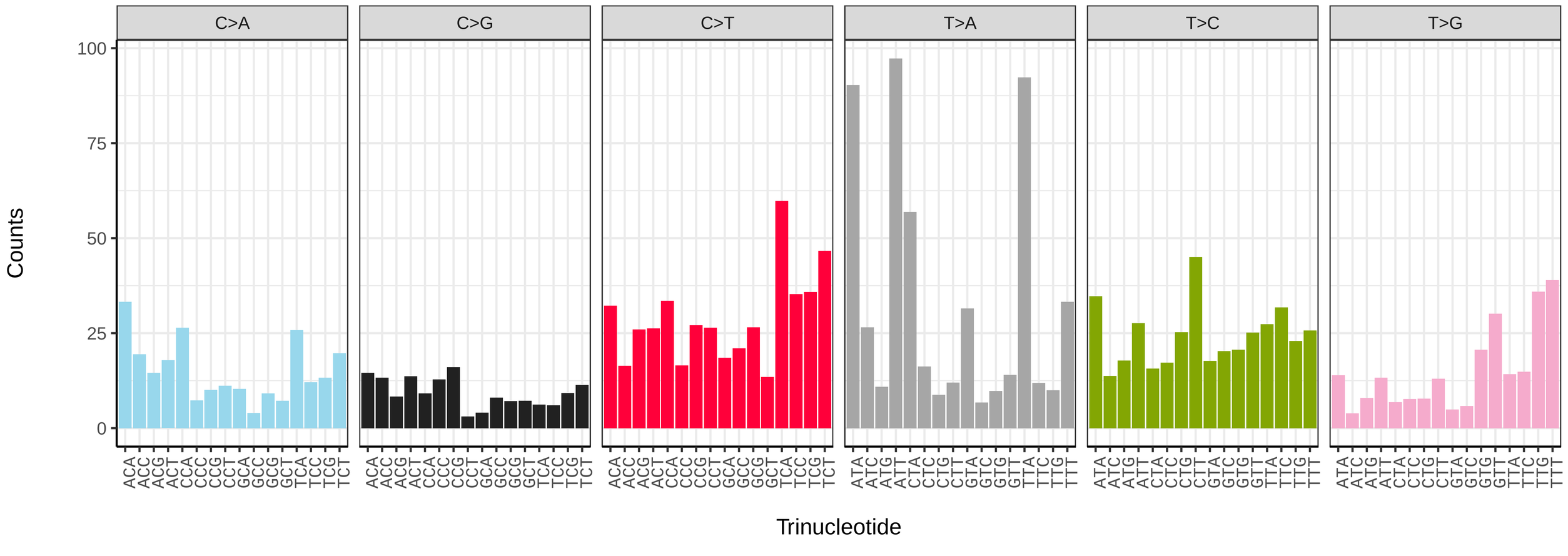
Erannis defoliaria (ilEraDefo1) somatic mutational spectrum (SBS52 classification)



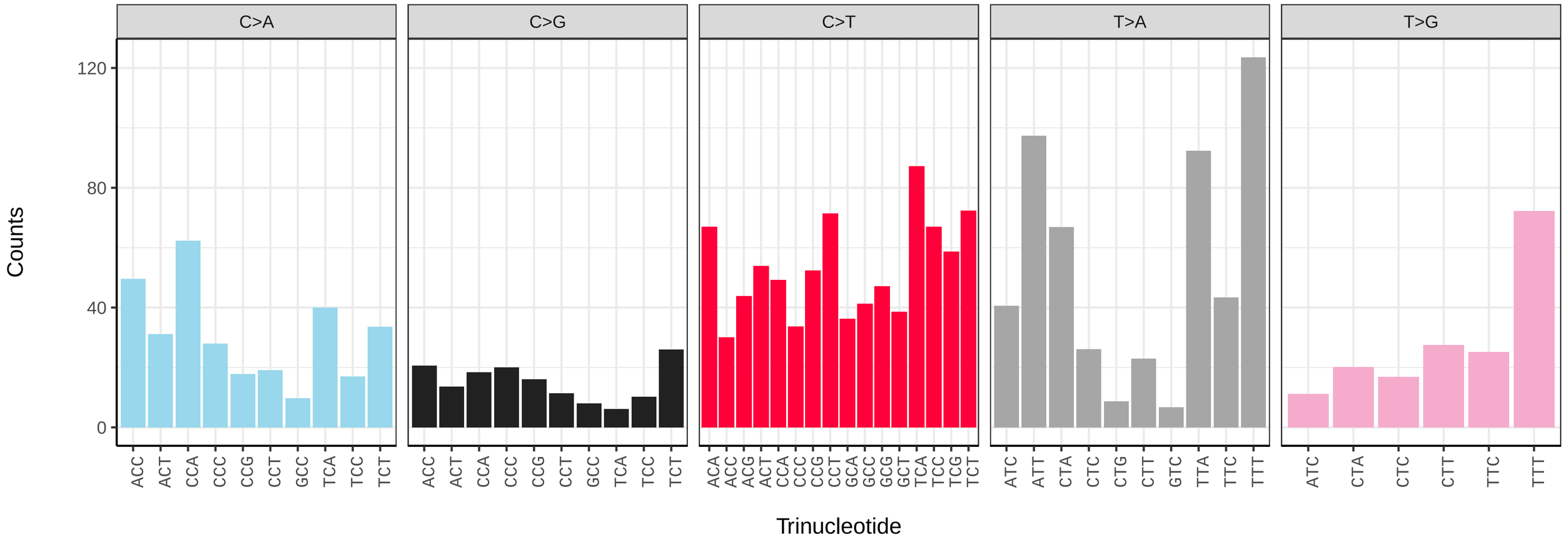
Erebia aethiops (ilEreAeth2) germline mutational spectrum



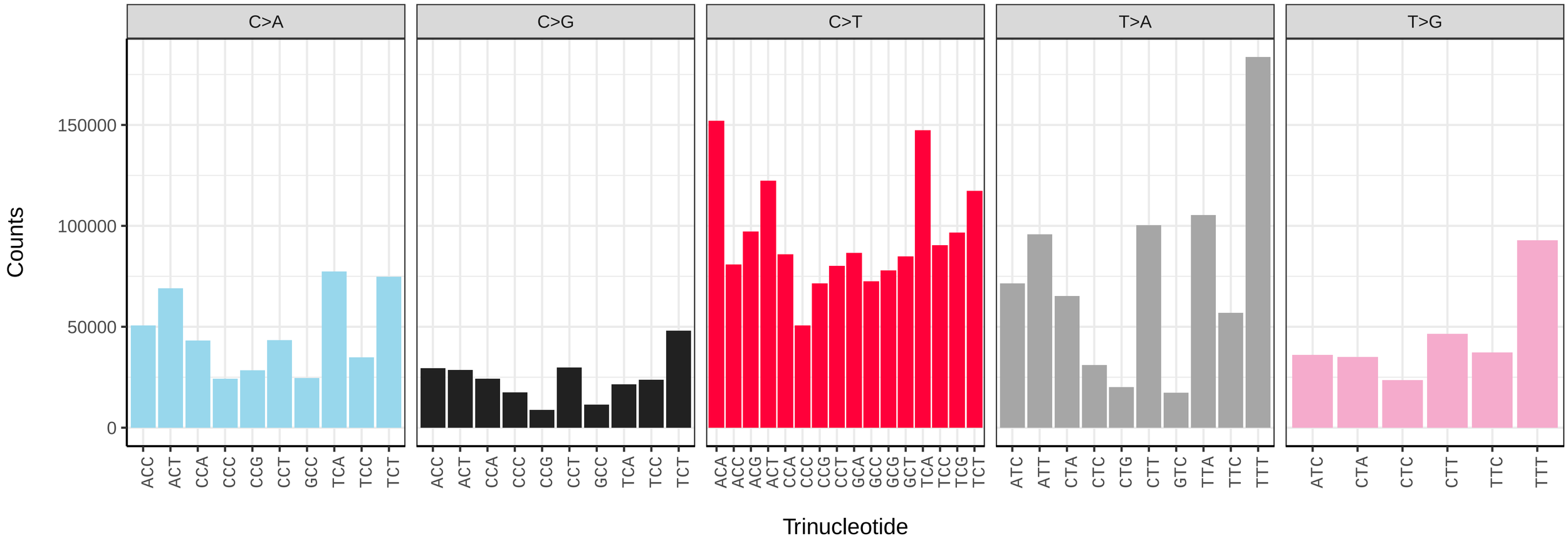
Erebia aethiops (ilEreAeth2) somatic mutational spectrum (SBS96 classification)



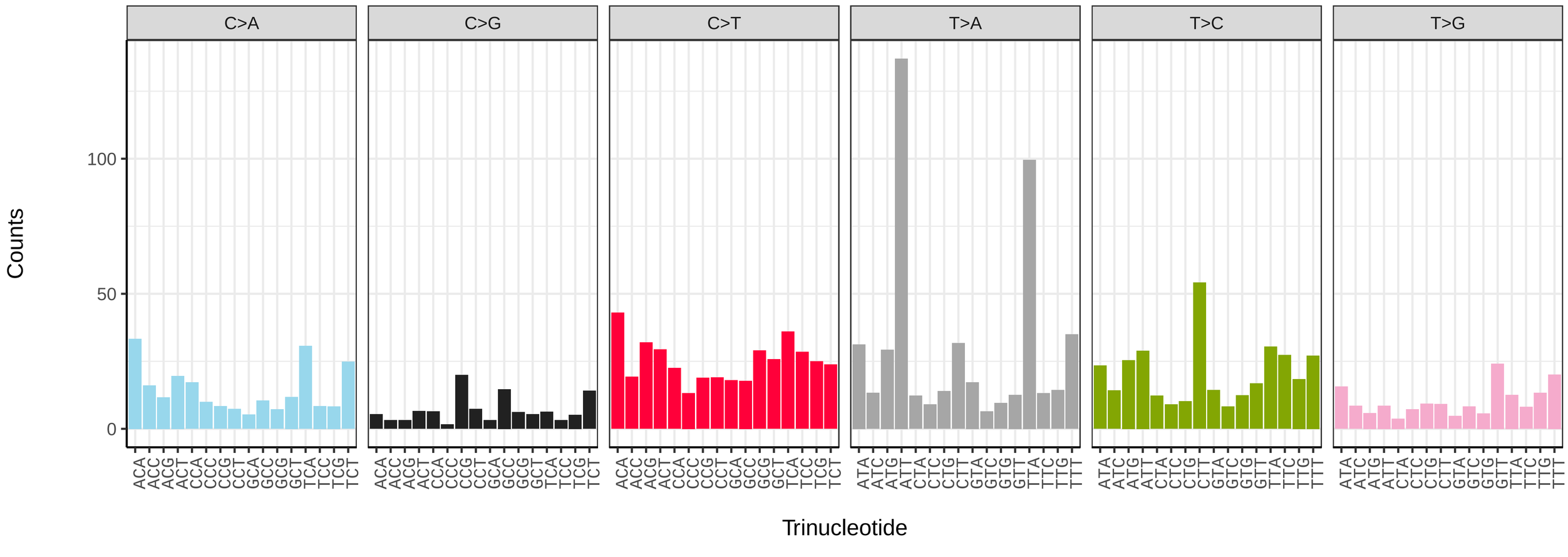
Erebia aethiops (ilEreAeth2) somatic mutational spectrum (SBS52 classification)



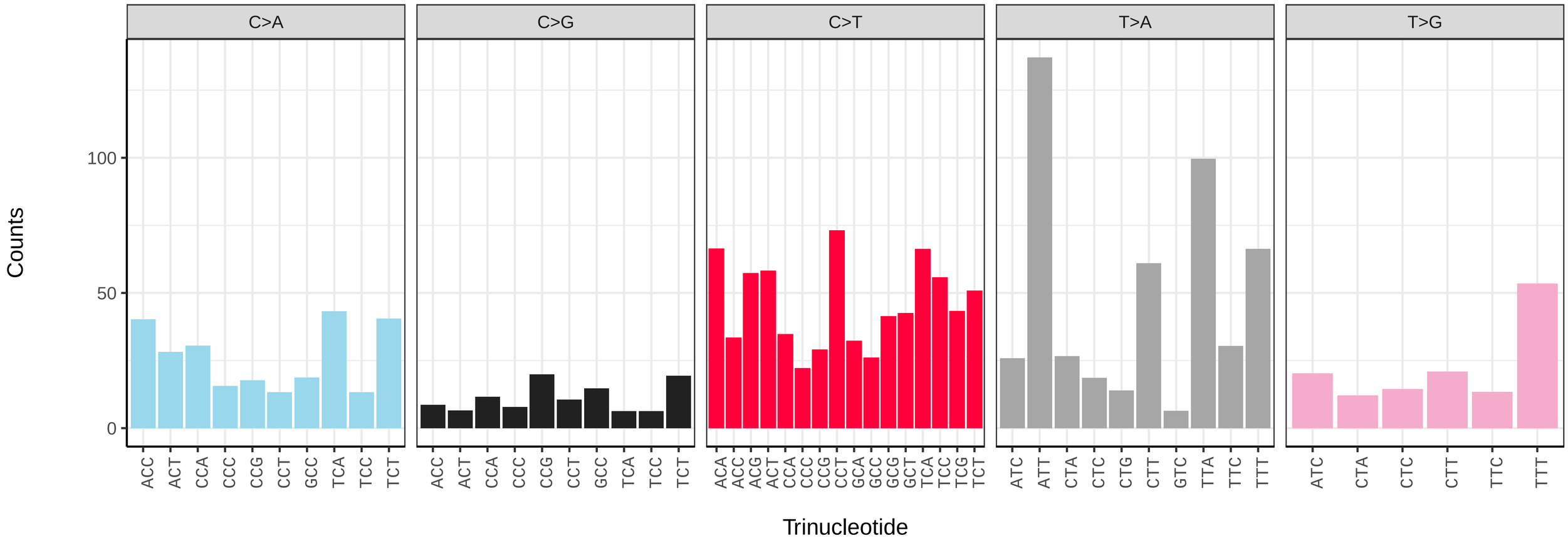
Erebia ligea (ilEreLige1) germline mutational spectrum



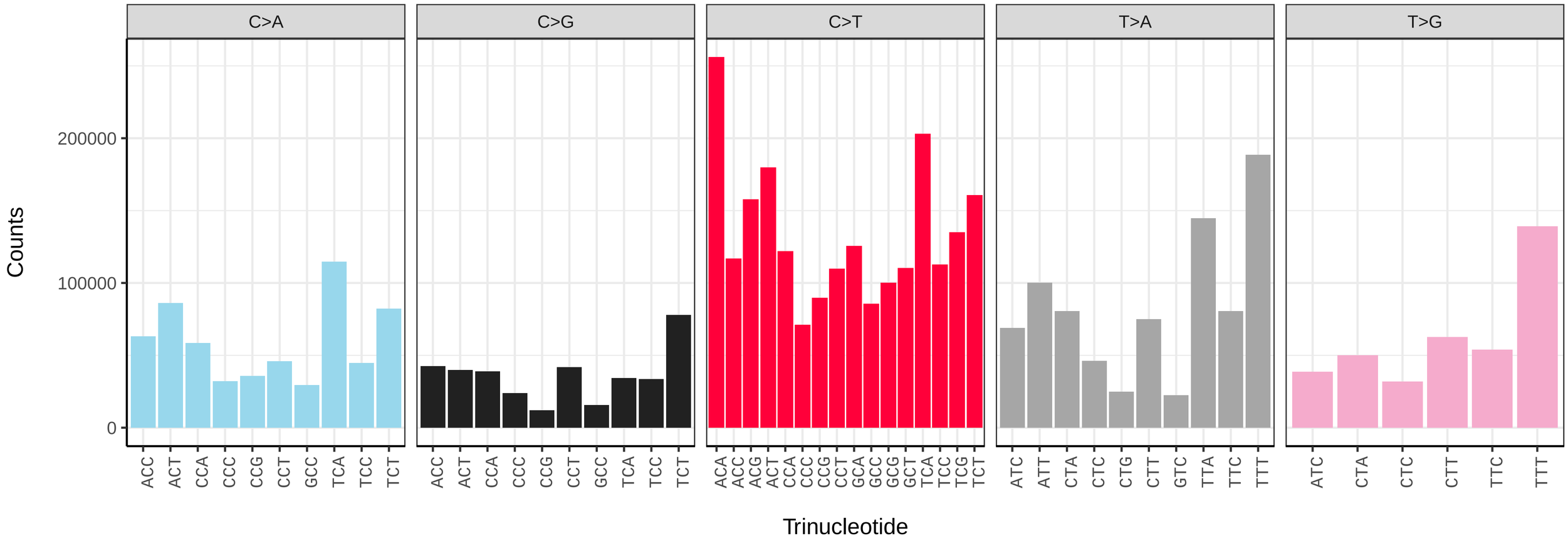
Erebia ligea (ilEreLige1) somatic mutational spectrum (SBS96 classification)



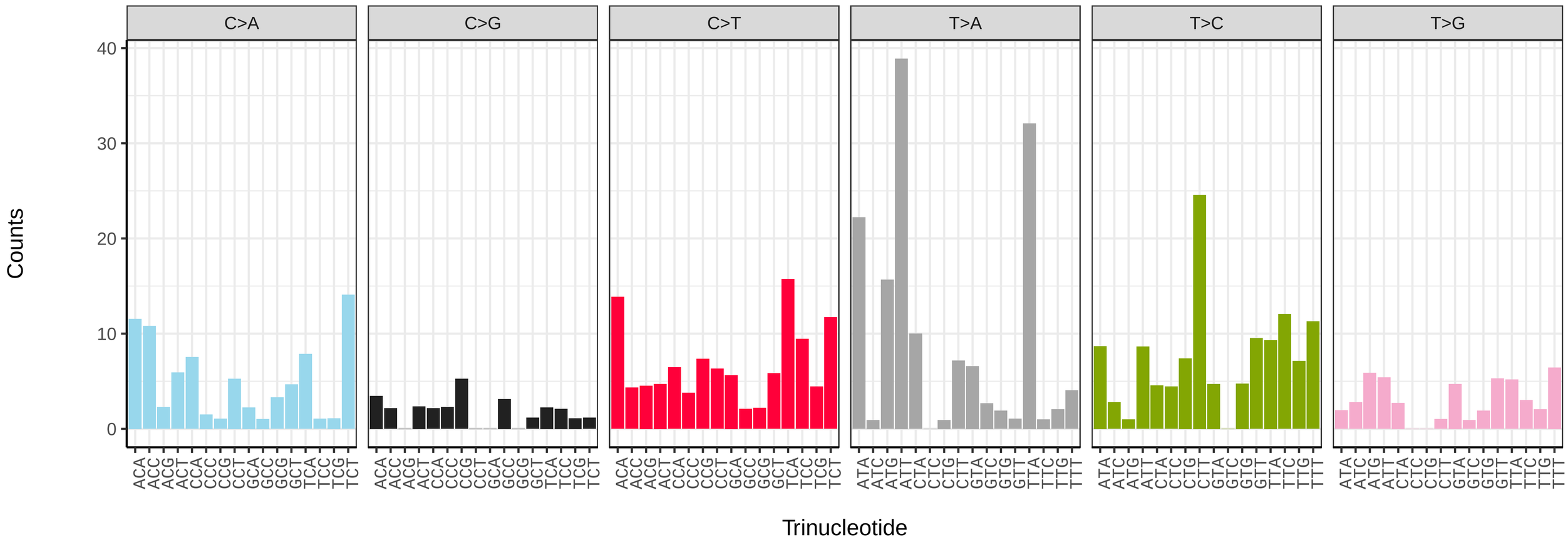
Erebia ligea (ilEreLige1) somatic mutational spectrum (SBS52 classification)



Erynnis tages (ilEryTage1) germline mutational spectrum



Erynnis tages (ilEryTage1) somatic mutational spectrum (SBS96 classification)



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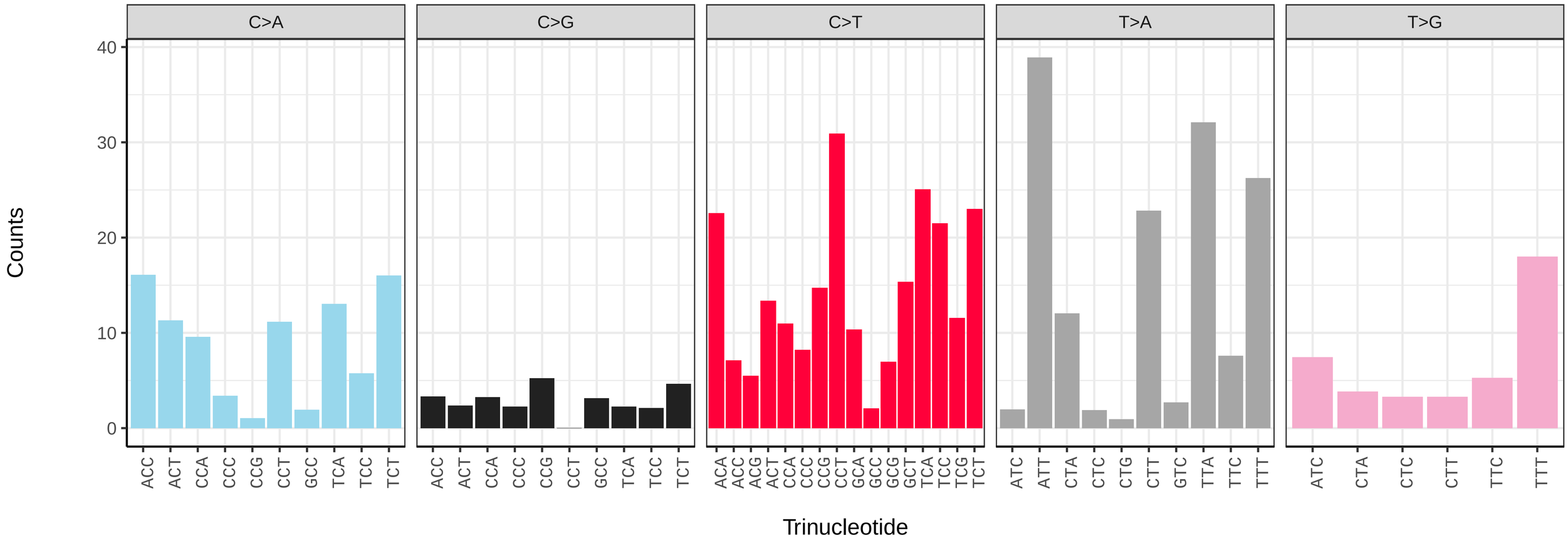
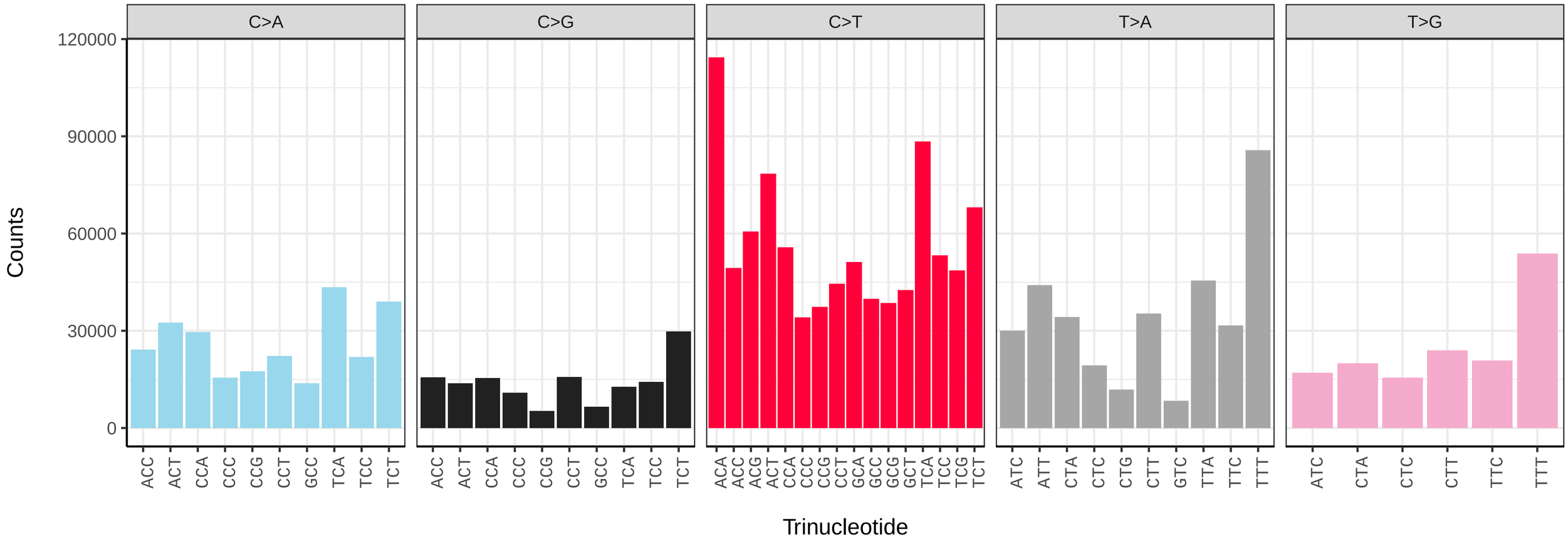
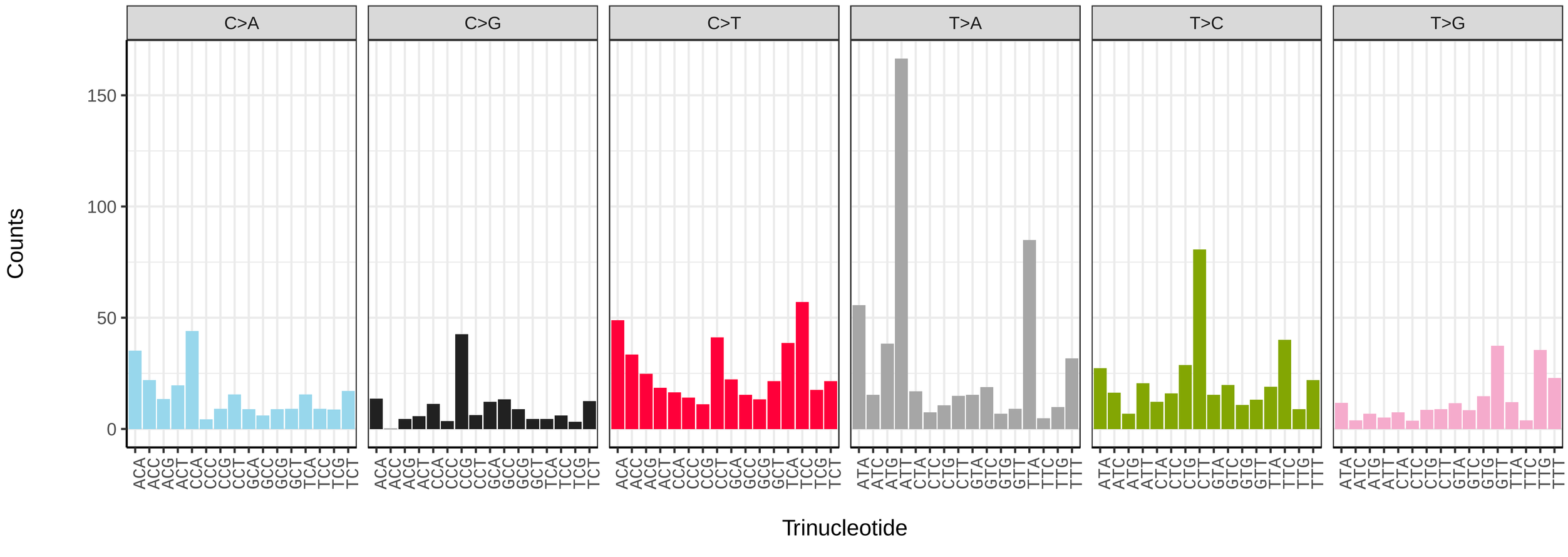


Esperia sulphurella (ilEspSulp1) germline mutational spectrum



Esperia sulphurella (ilEspSulp1) somatic mutational spectrum (SBS96 classification)



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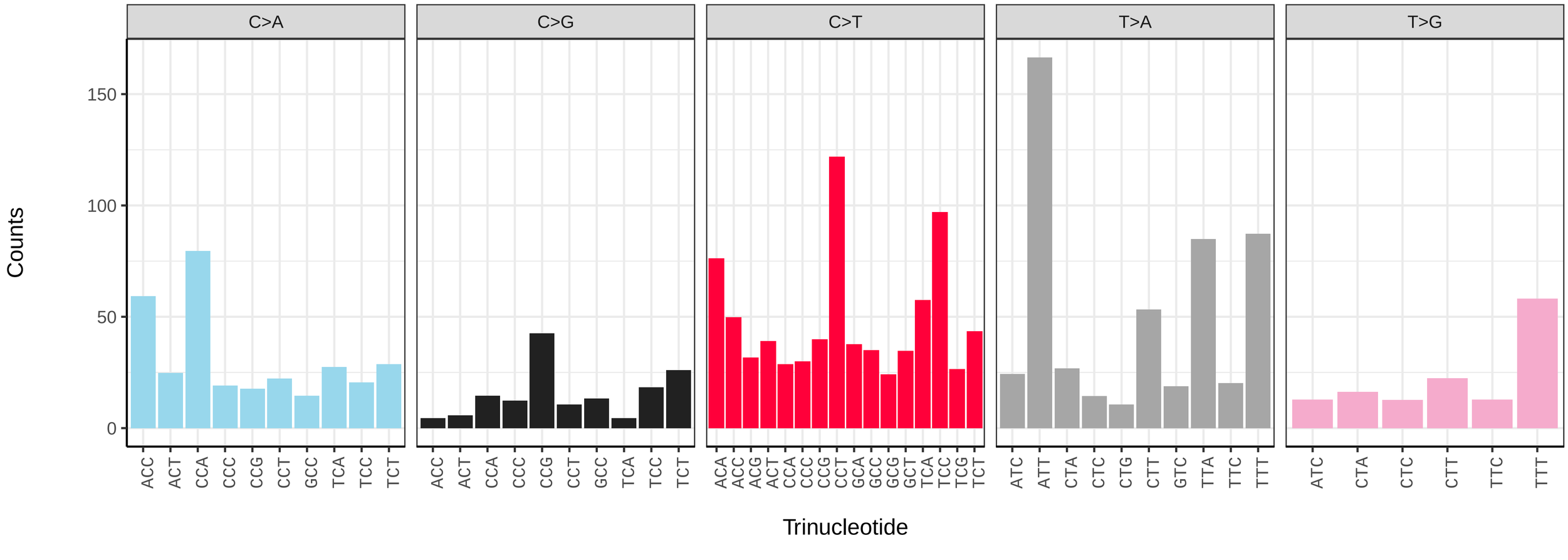
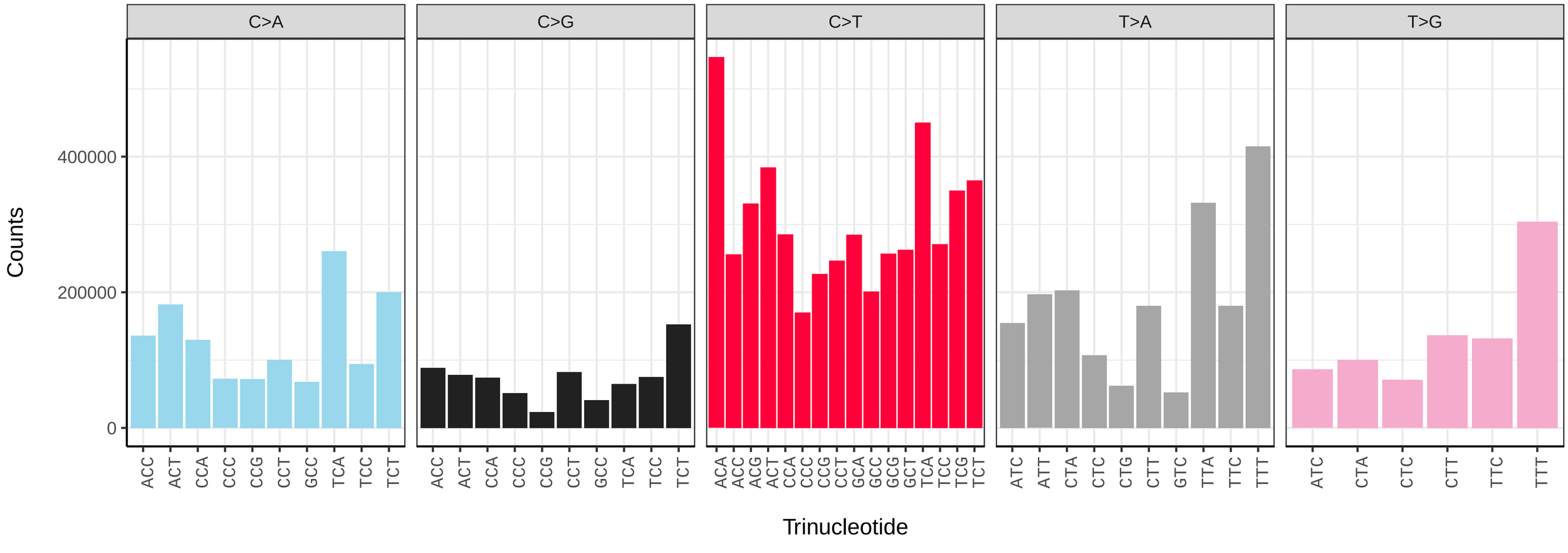


Euclidia mi (ilEucMixx1) germline mutational spectrum



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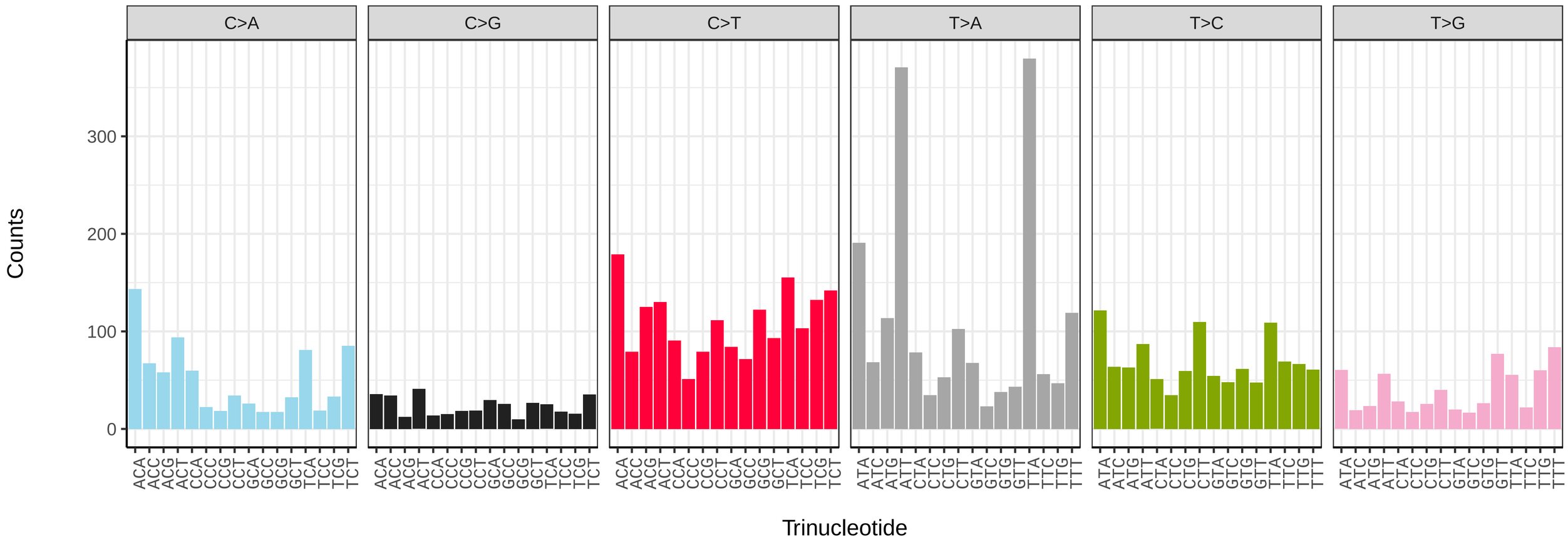
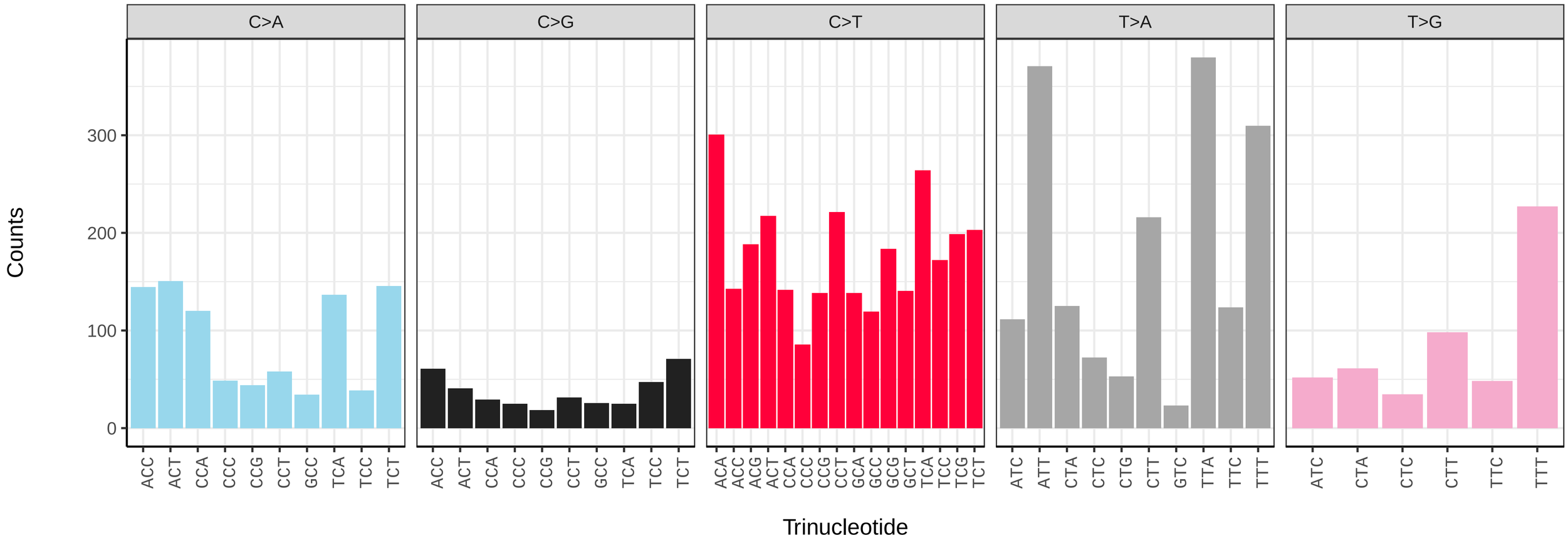
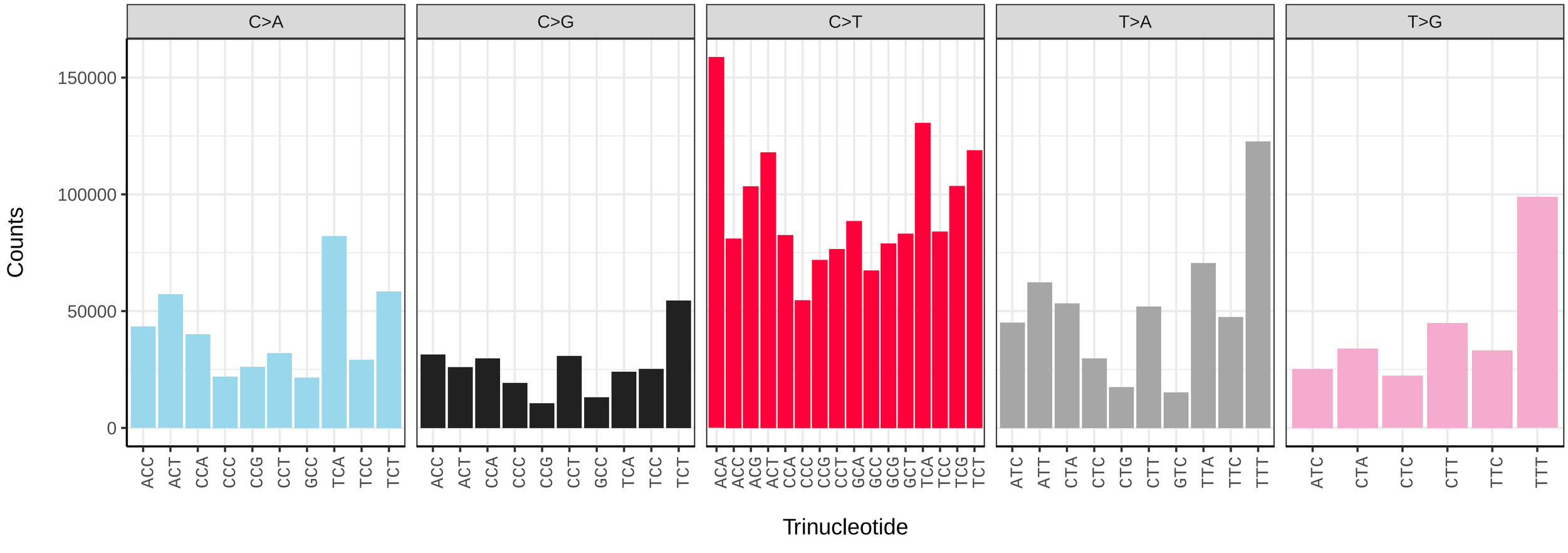


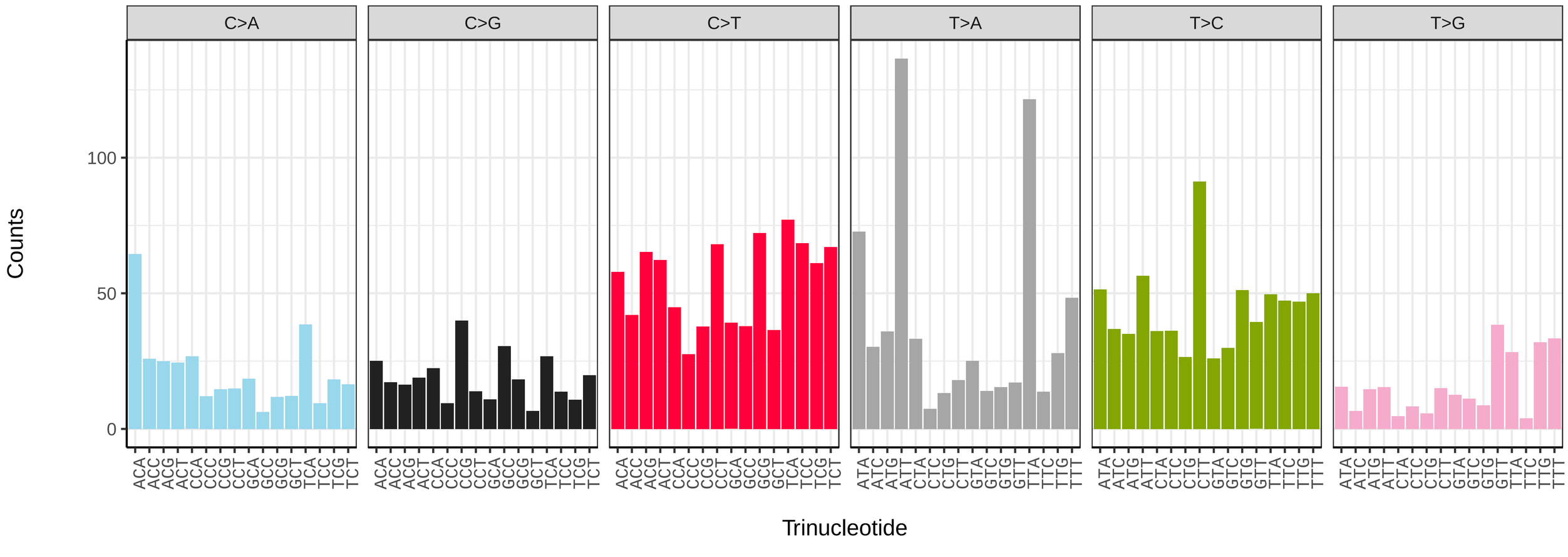
Euclidia mi (ilEucMixx1) somatic mutational spectrum (SBS52 classification)



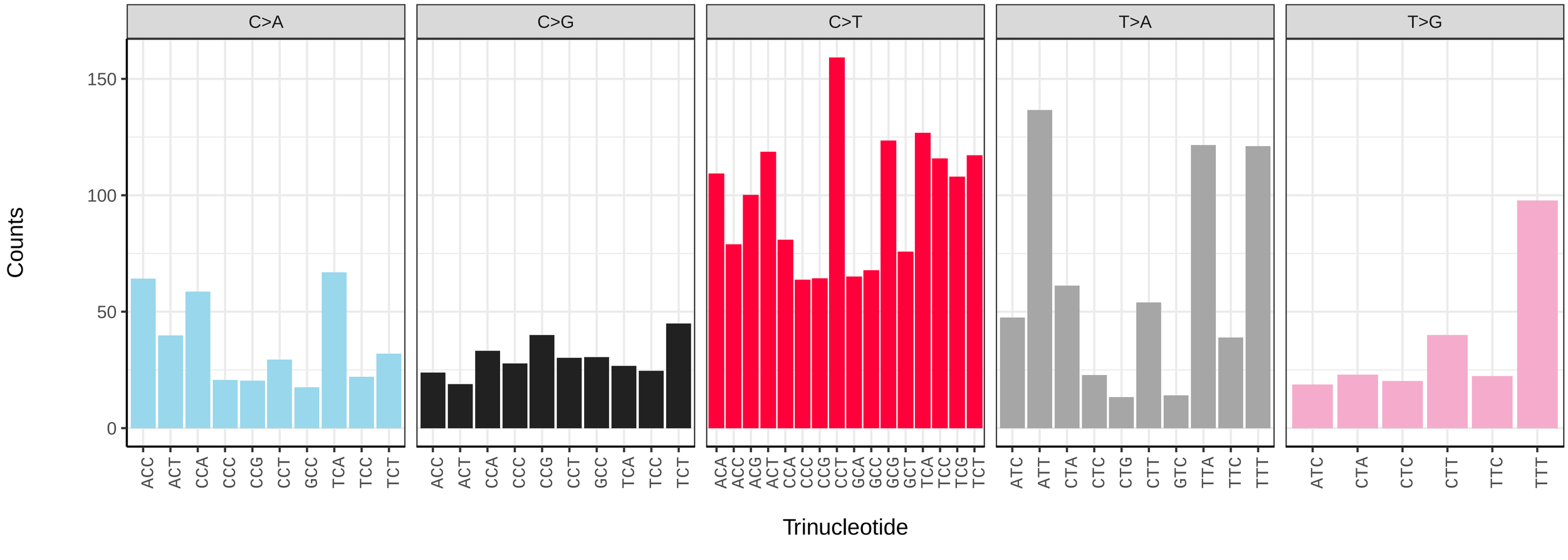
Eudemis profundana (ilEudProf1) germline mutational spectrum



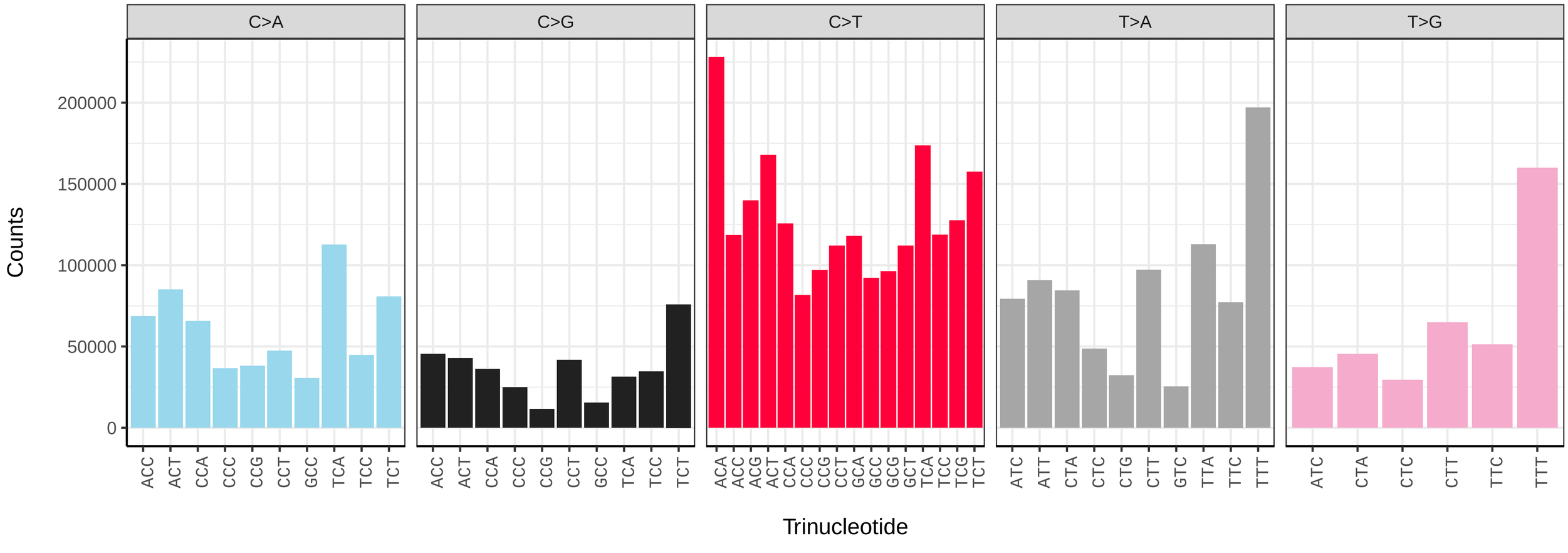
Eudemis profundana (ilEudProf1) somatic mutational spectrum (SBS96 classification)



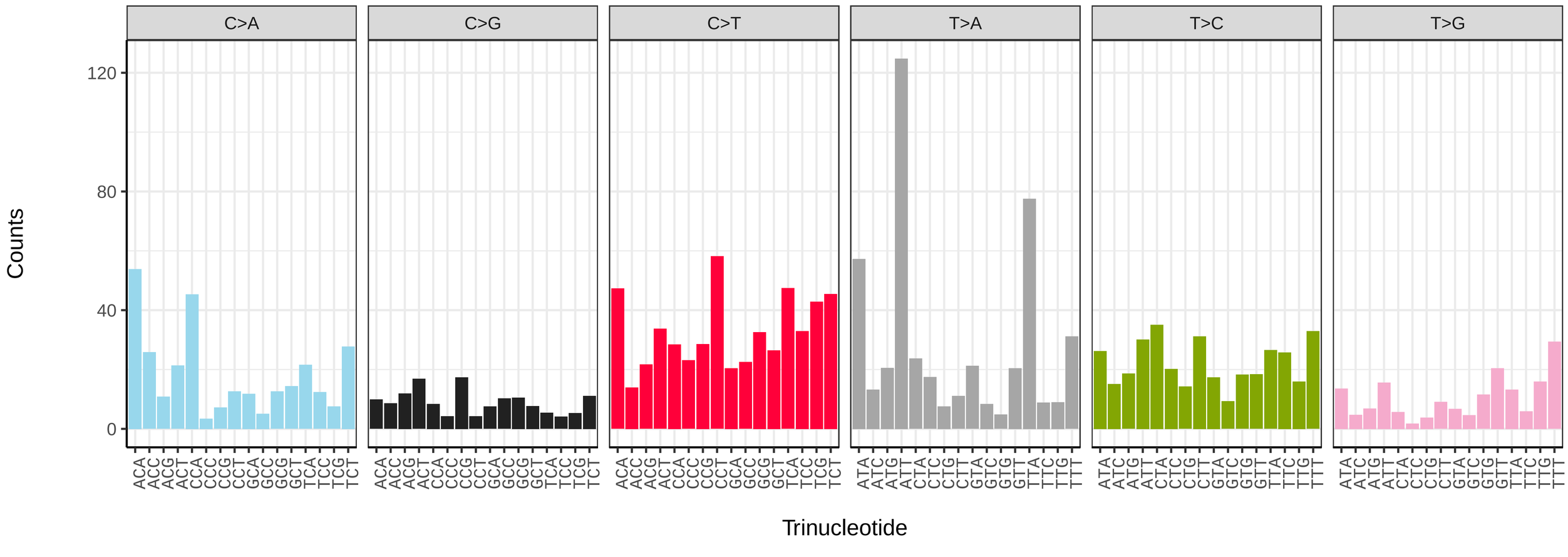
Eudemis profundana (ilEudProf1) somatic mutational spectrum (SBS52 classification)



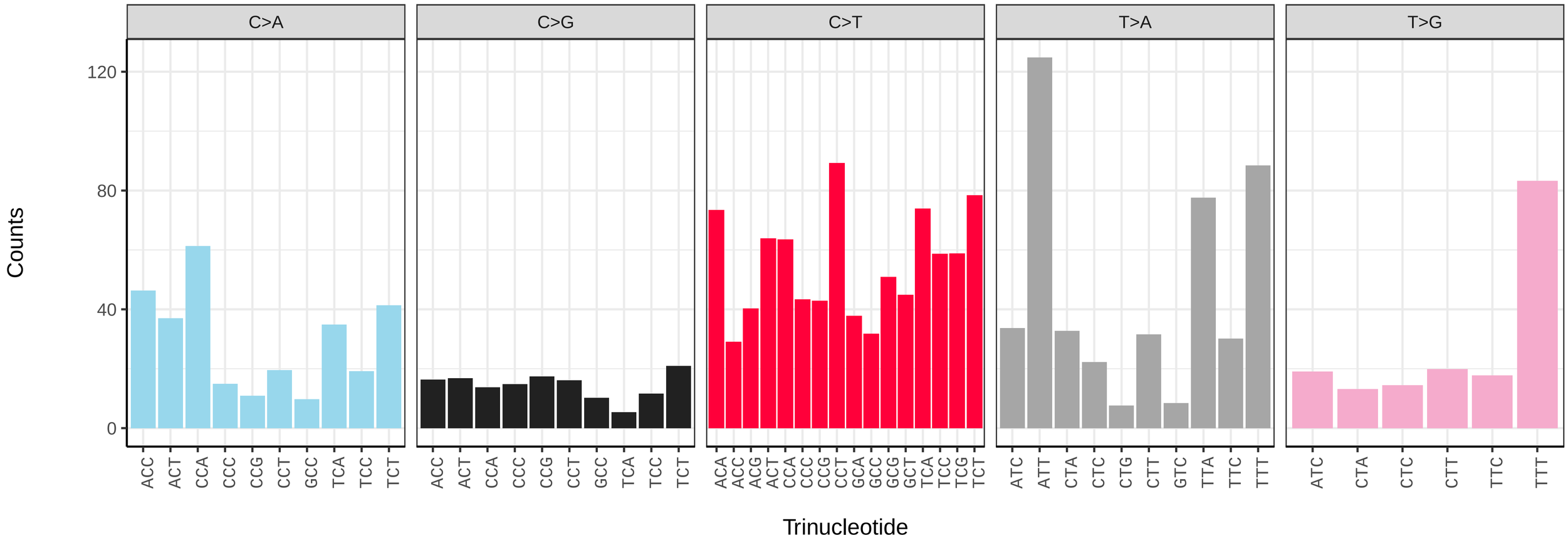
Eugnorisma glareosa (ilEugGlar6) germline mutational spectrum



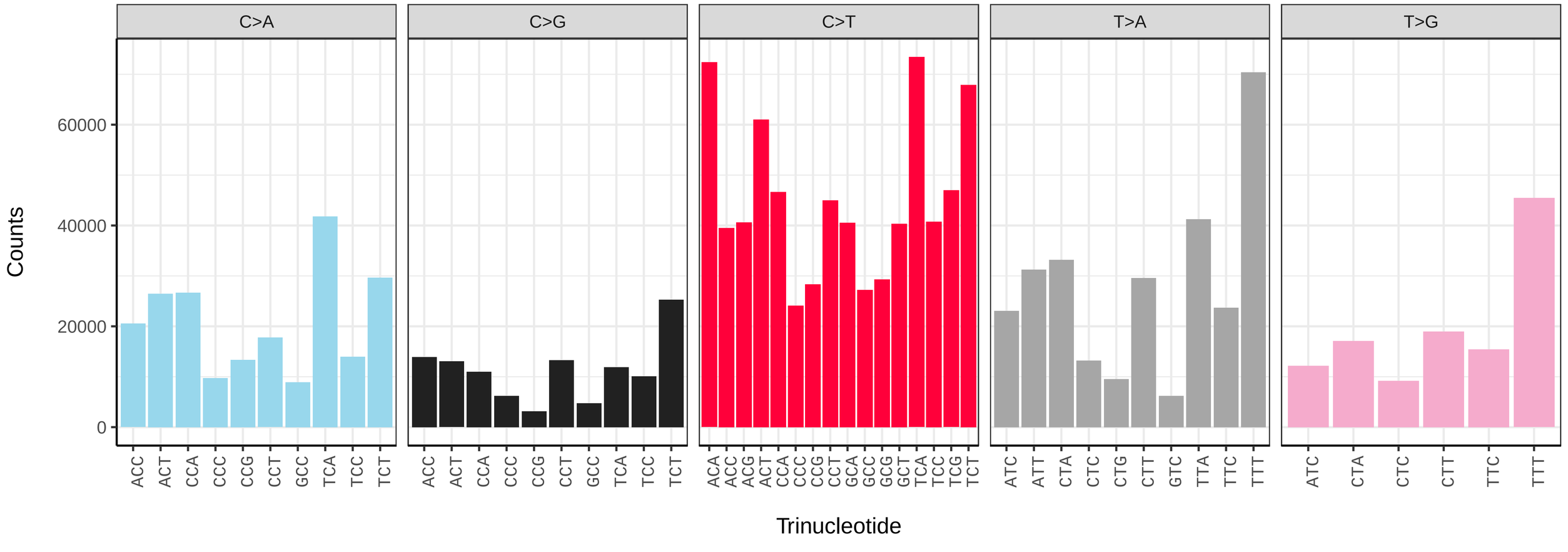
Eugnorisma glareosa (ilEugGlar6) somatic mutational spectrum (SBS96 classification)



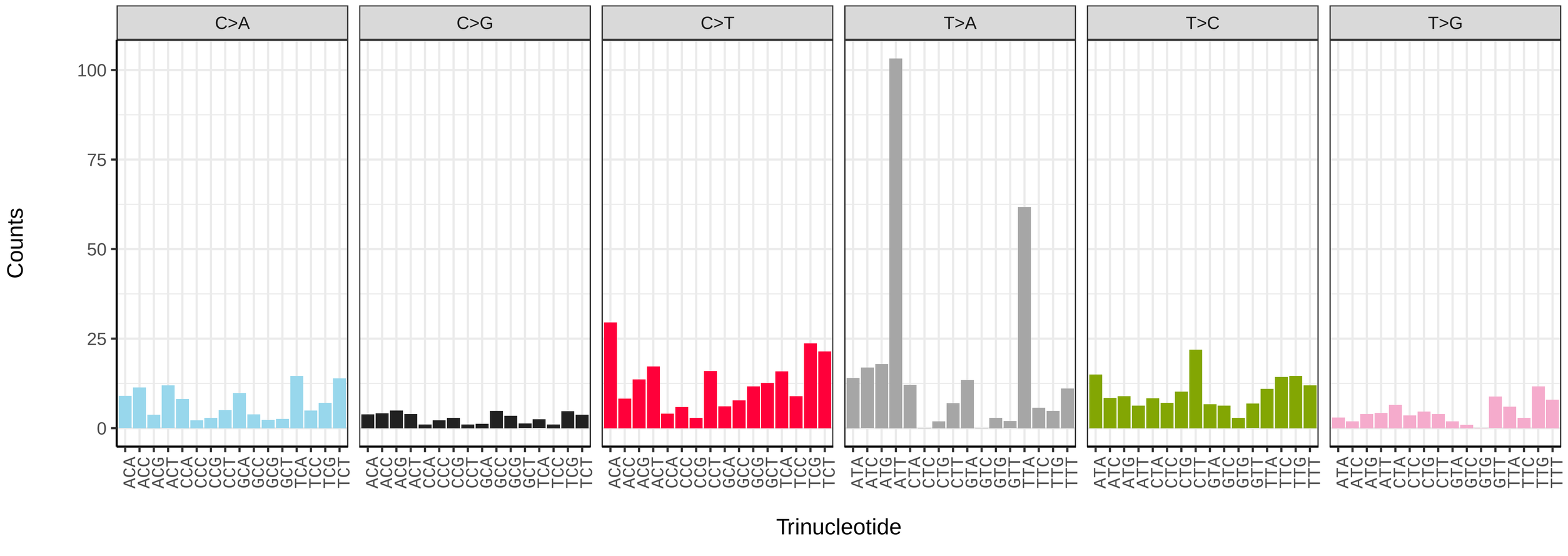
Eugnorisma glareosa (ilEugGlar6) somatic mutational spectrum (SBS52 classification)



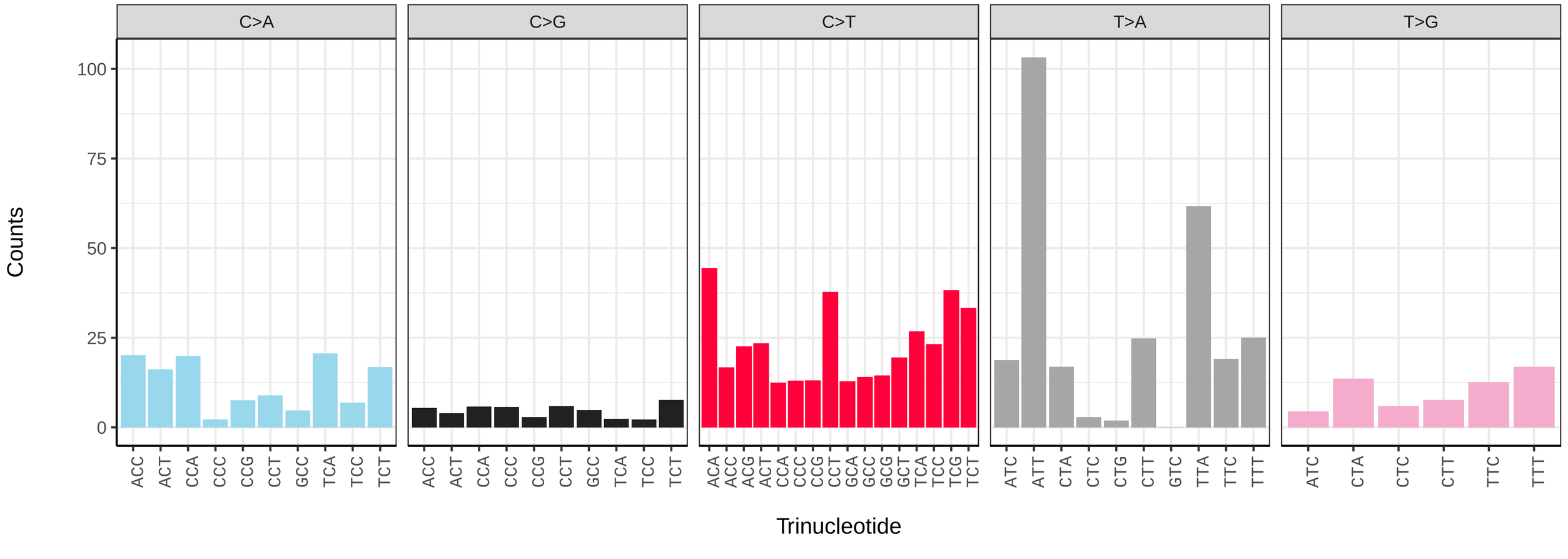
Eulithis prunata (ilEulPrun1) germline mutational spectrum



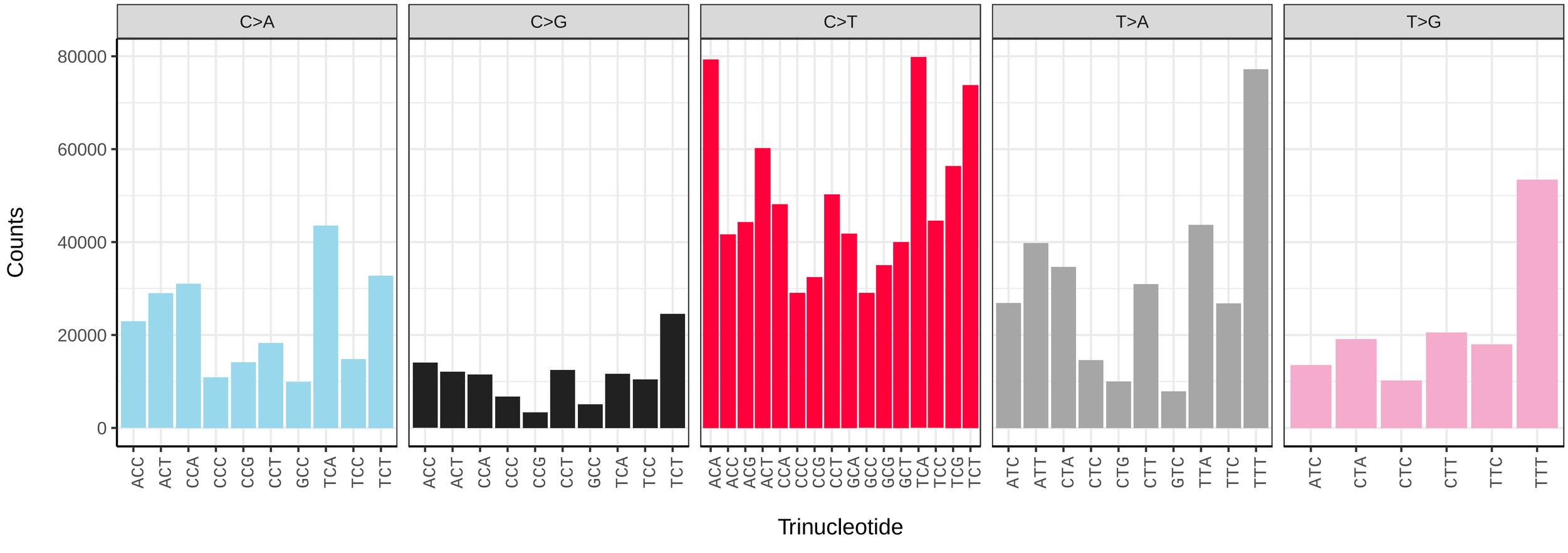
Eulithis prunata (ilEulPrun1) somatic mutational spectrum (SBS96 classification)



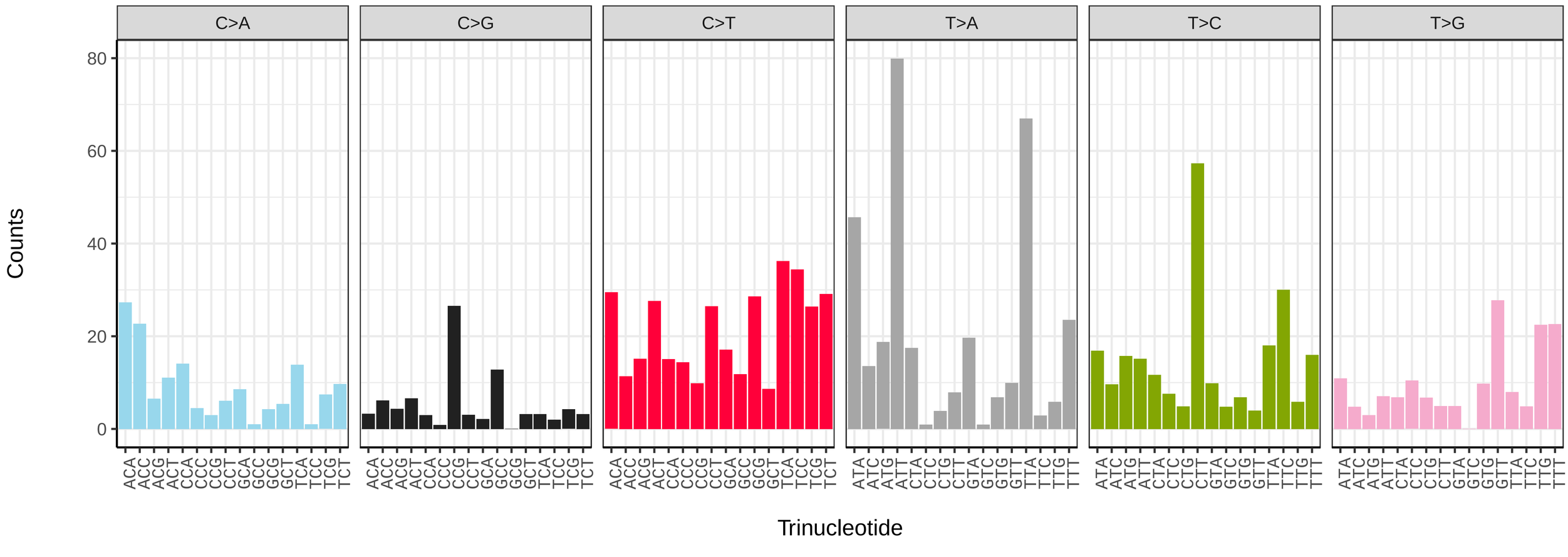
Eulithis prunata (ilEulPrun1) somatic mutational spectrum (SBS52 classification)



Eulithis testata (ilEulTest2) germline mutational spectrum



Eulithis testata (ilEulTest2) somatic mutational spectrum (SBS96 classification)



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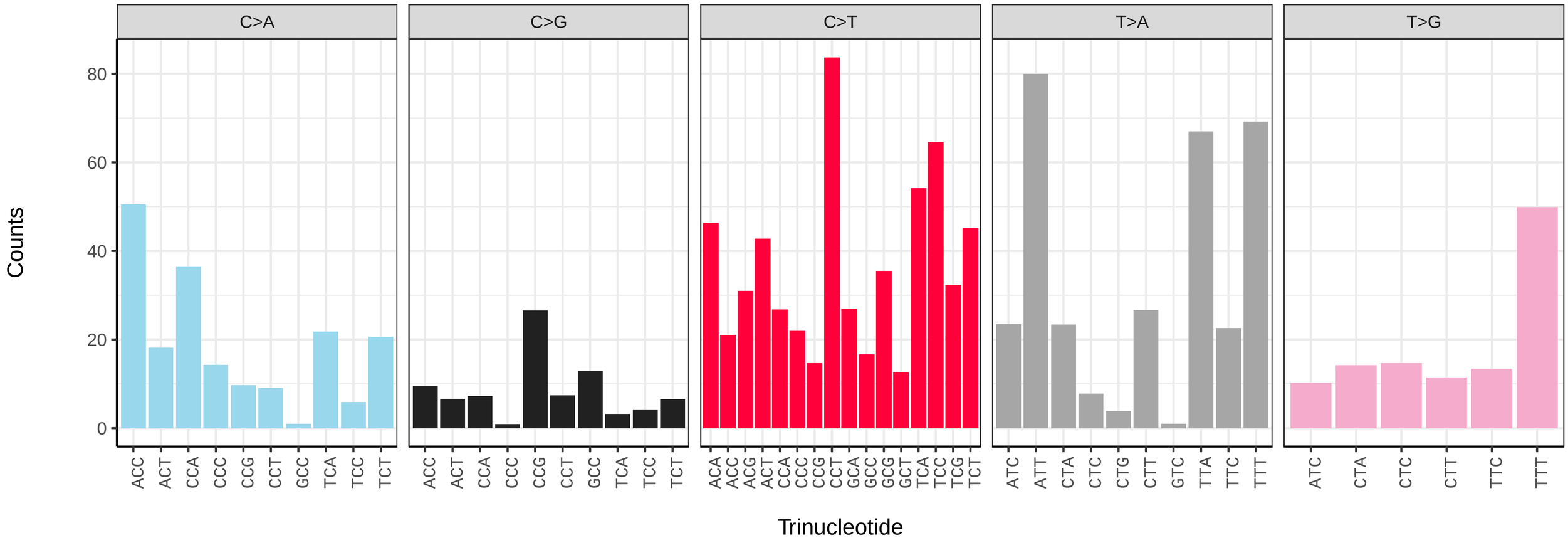
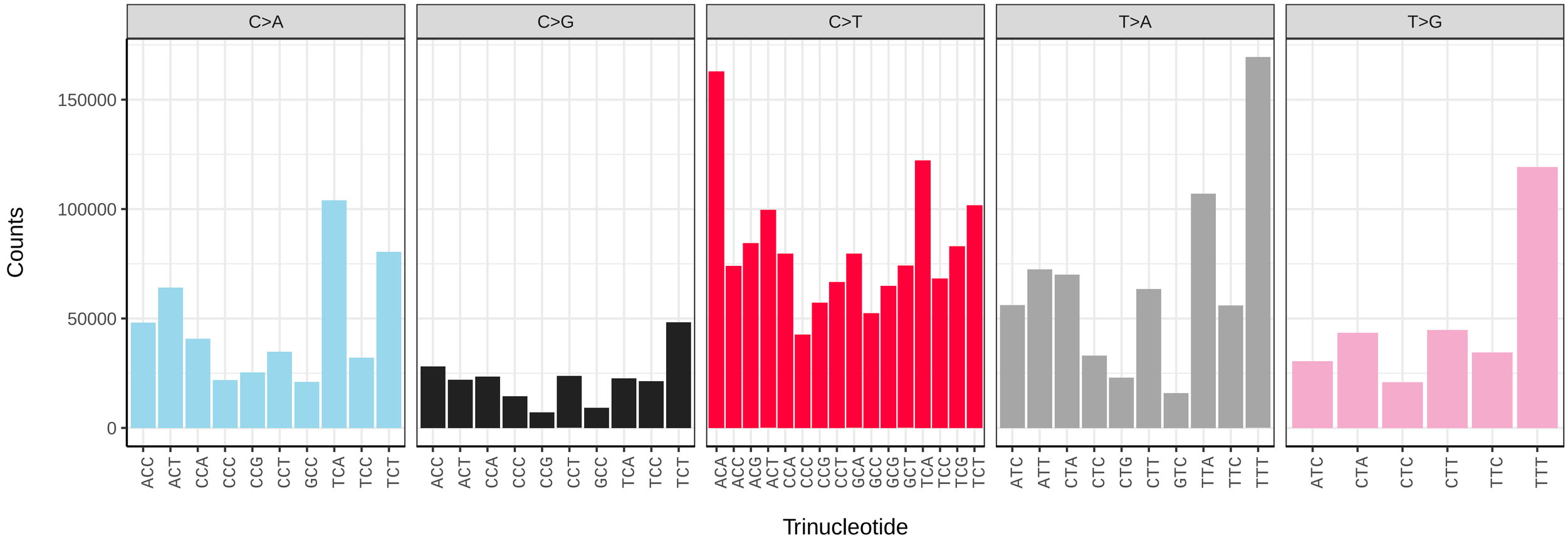
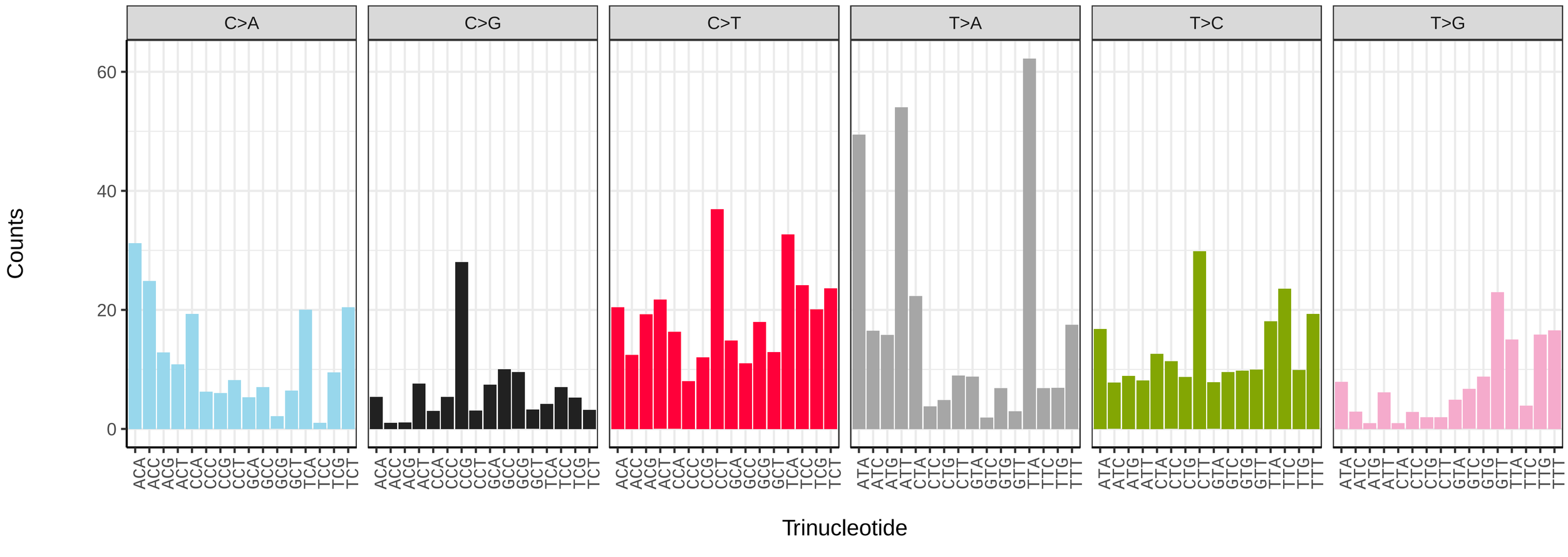


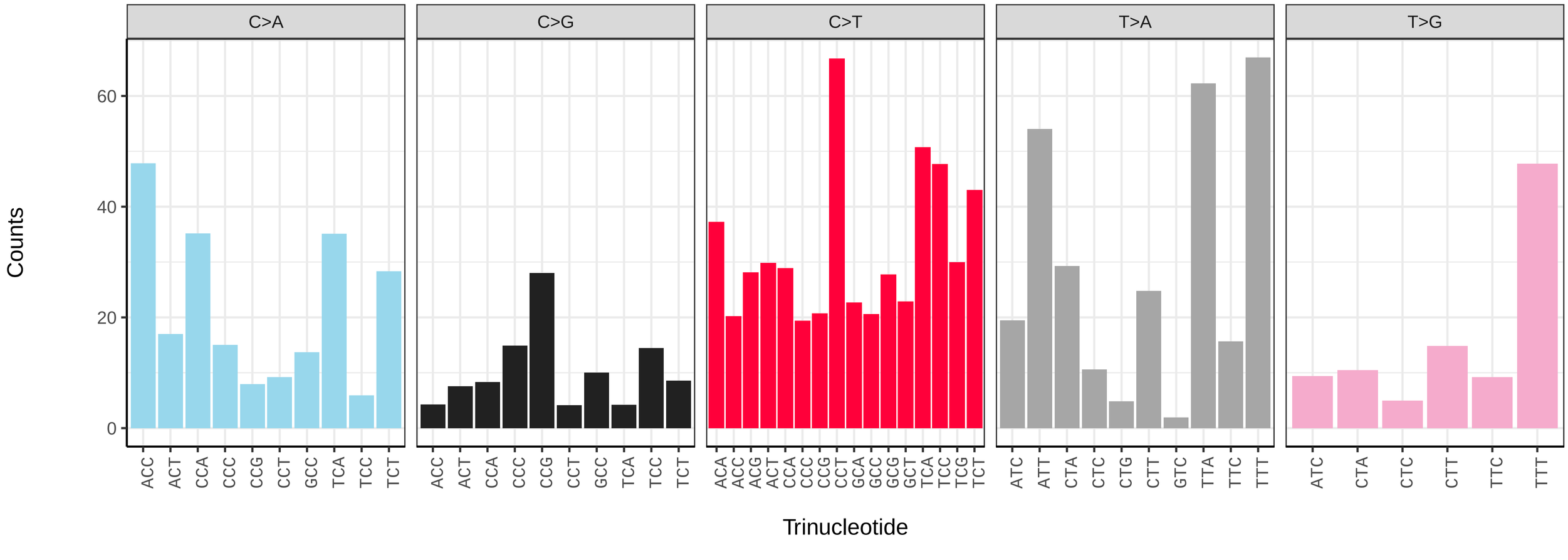
Eupithecia abbreviata (ilEupAbbr2) germline mutational spectrum



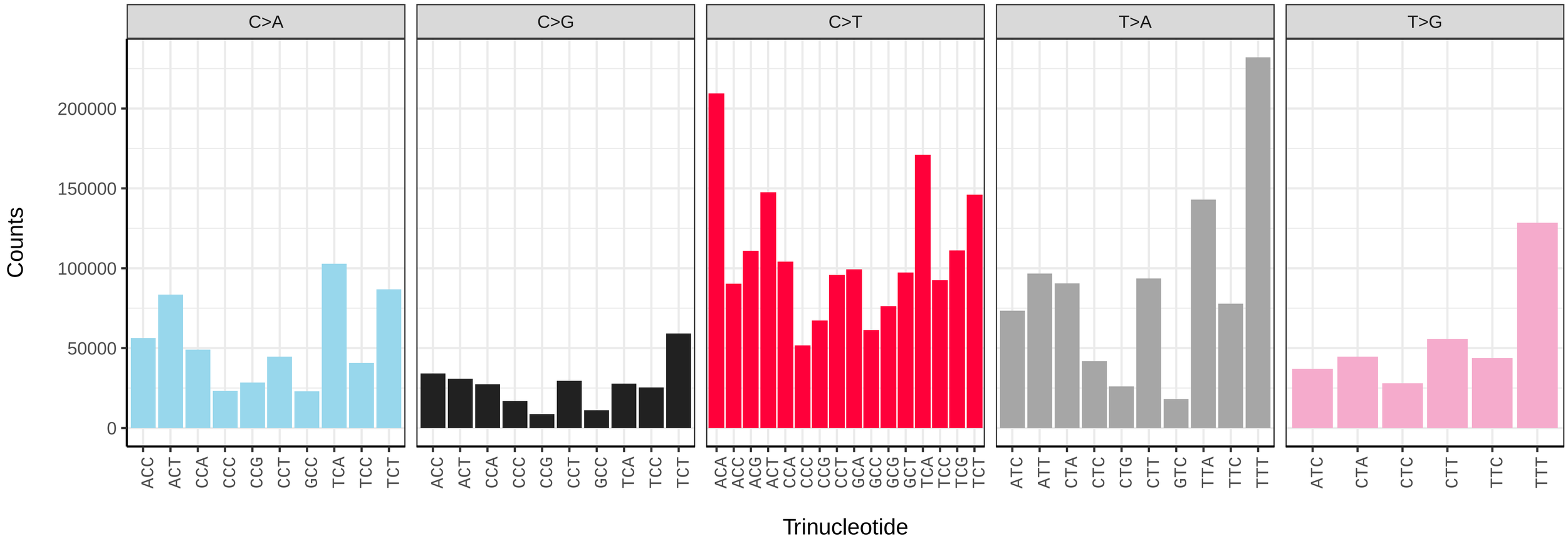
Eupithecia abbreviata (ilEupAbbr2) somatic mutational spectrum (SBS96 classification)



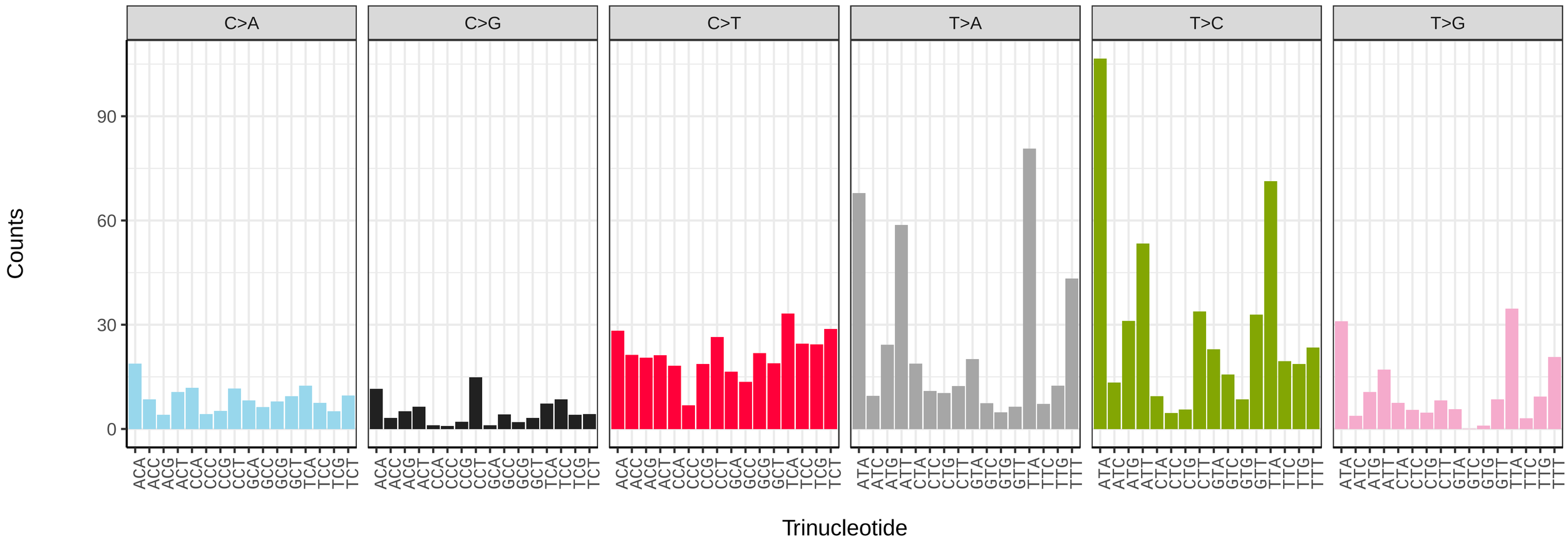
Eupithecia abbreviata (ilEupAbbr2) somatic mutational spectrum (SBS52 classification)



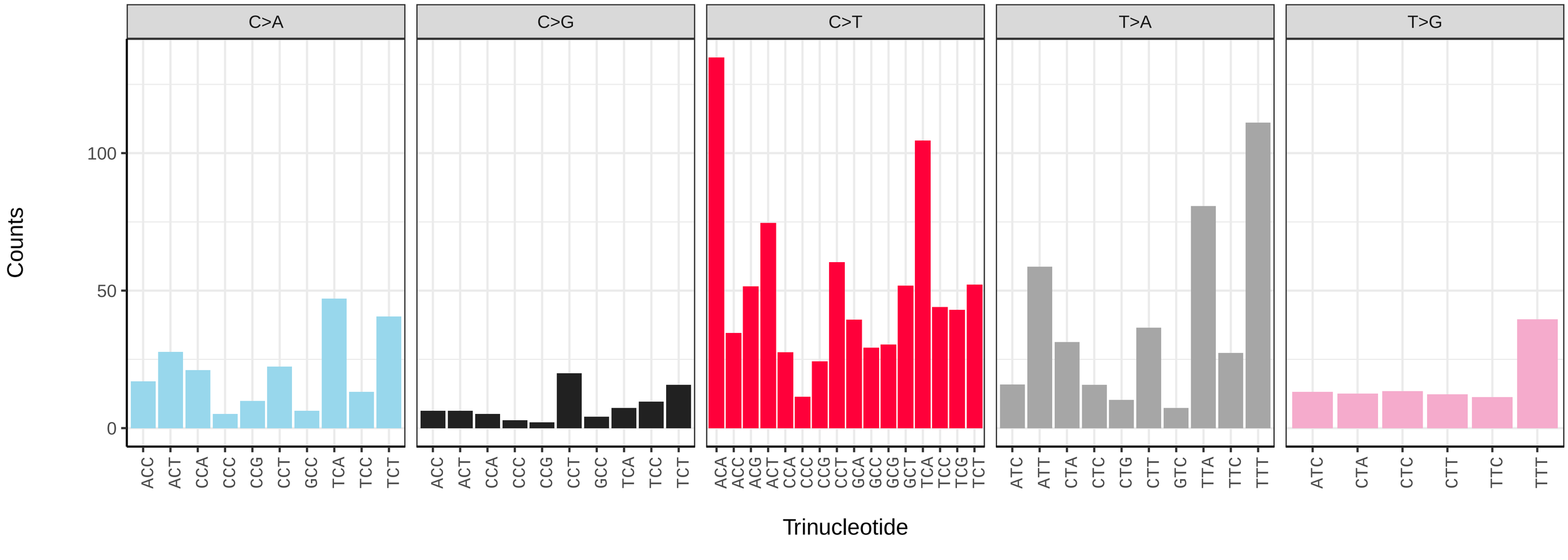
Eupithecia centaureata (ilEupCent1) germline mutational spectrum



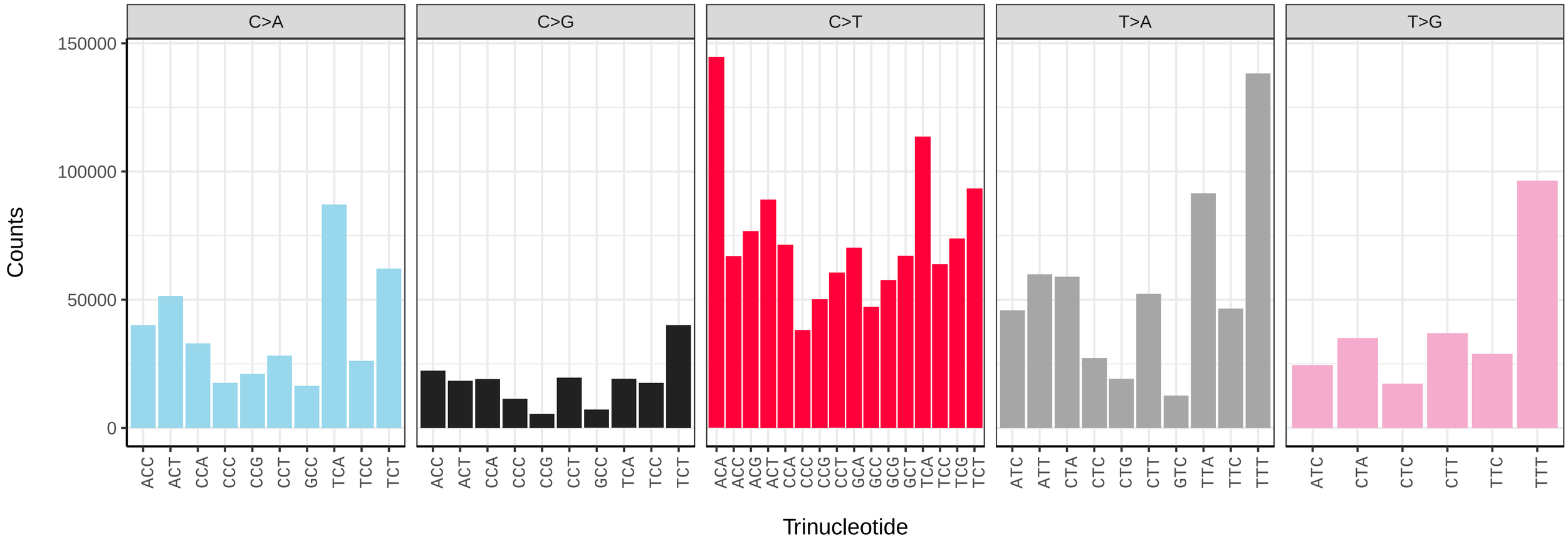
Eupithecia centaureata (ilEupCent1) somatic mutational spectrum (SBS96 classification)



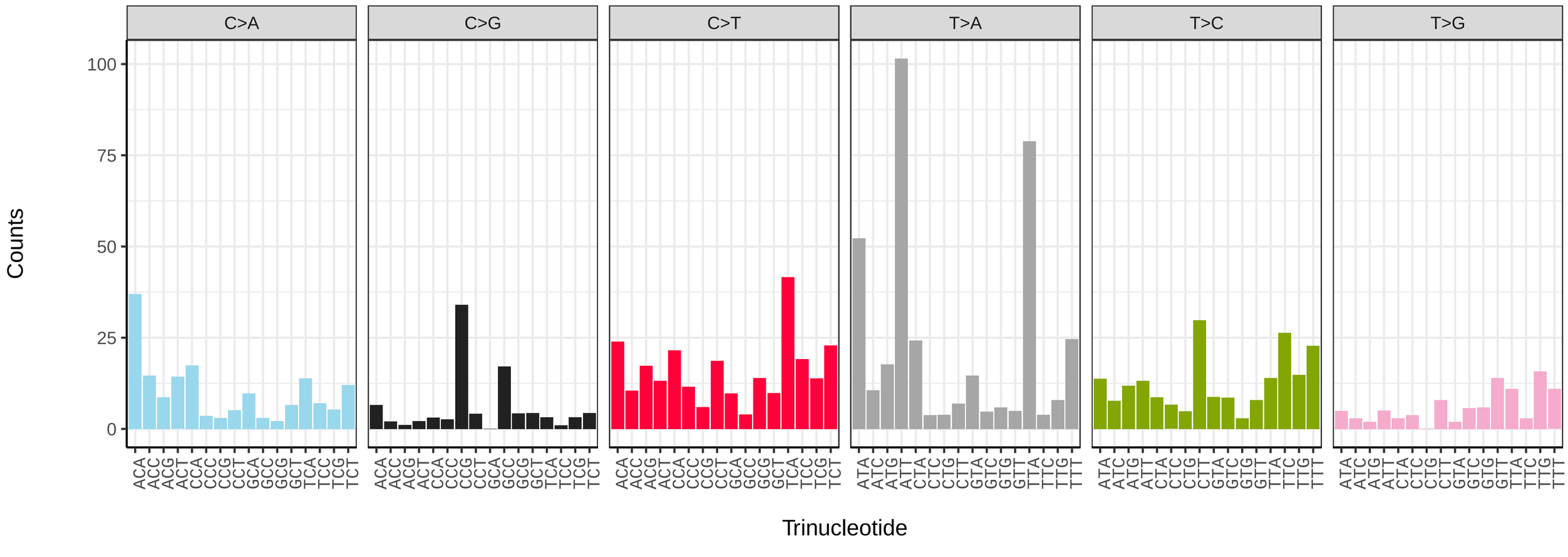
Eupithecia centaureata (ilEupCent1) somatic mutational spectrum (SBS52 classification)



Eupithecia dodoneata (ilEupDodo1) germline mutational spectrum



Eupithecia dodoneata (ilEupDodo1) somatic mutational spectrum (SBS96 classification)



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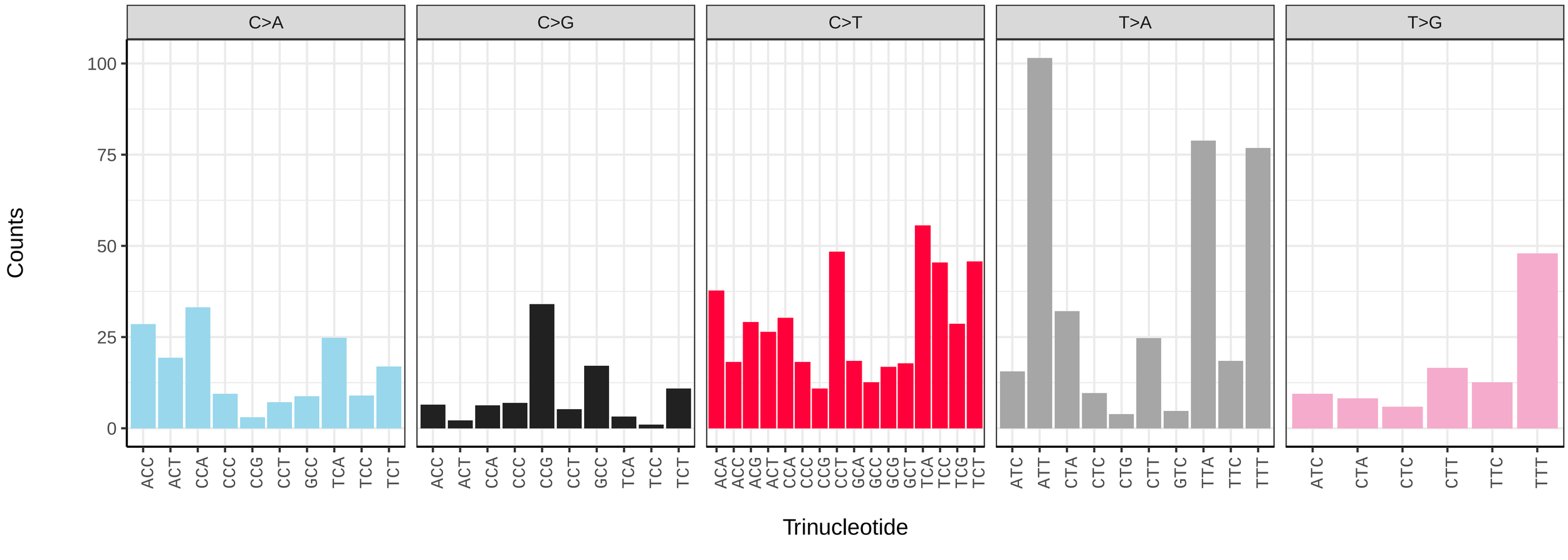
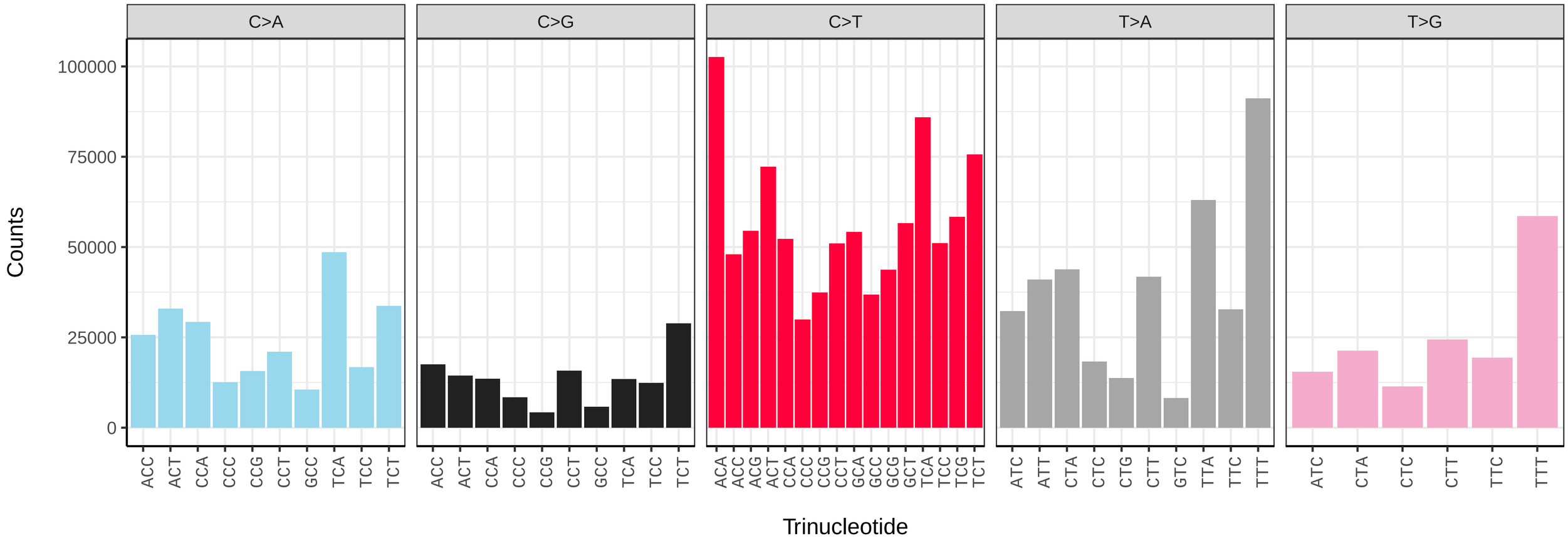
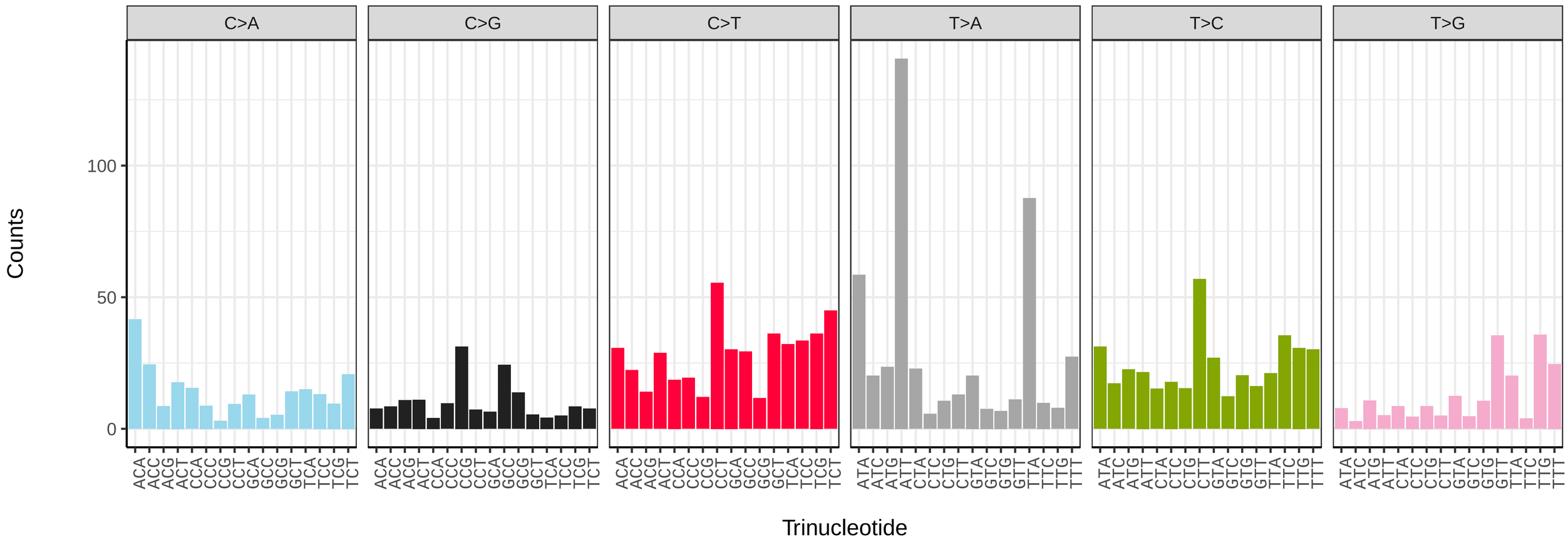


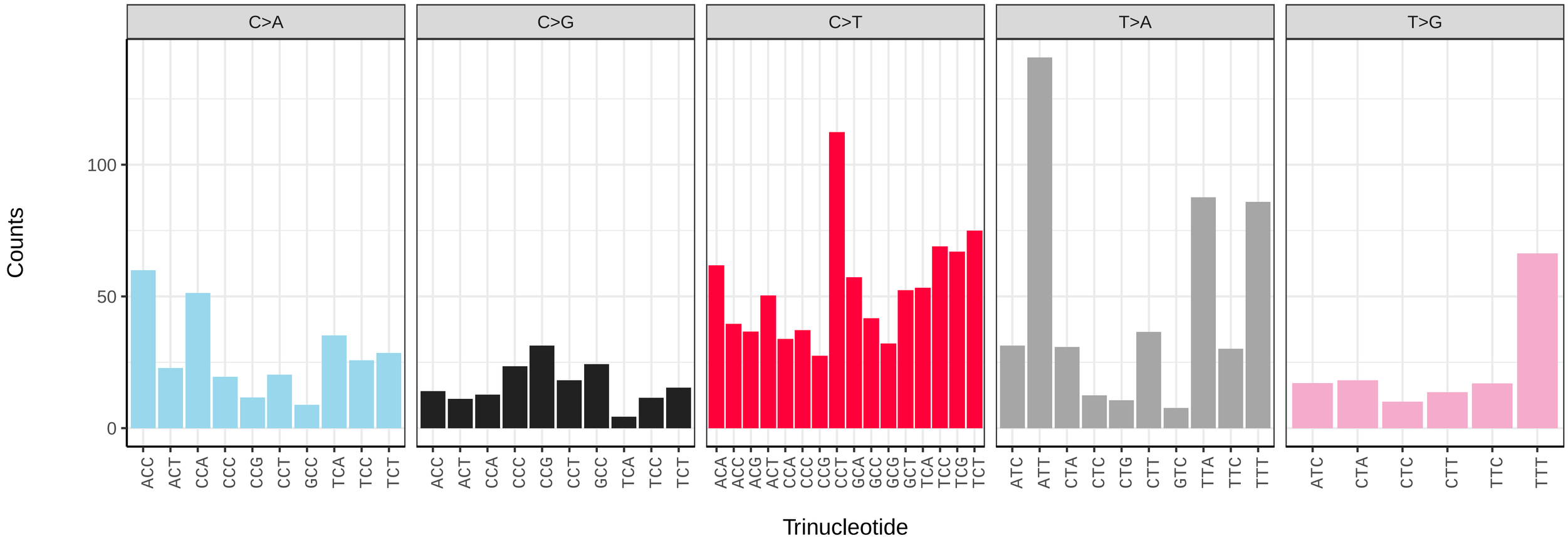
Eupithecia exiguata (ilEupExig1) germline mutational spectrum



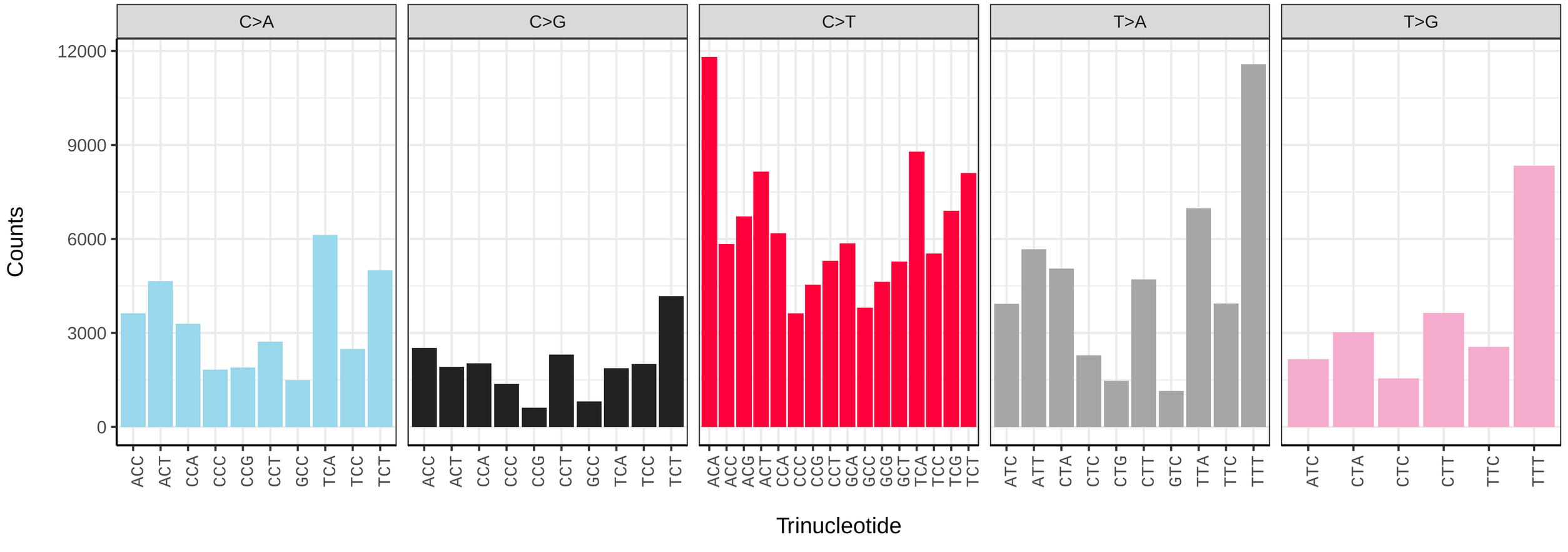
Eupithecia exiguata (ilEupExig1) somatic mutational spectrum (SBS96 classification)



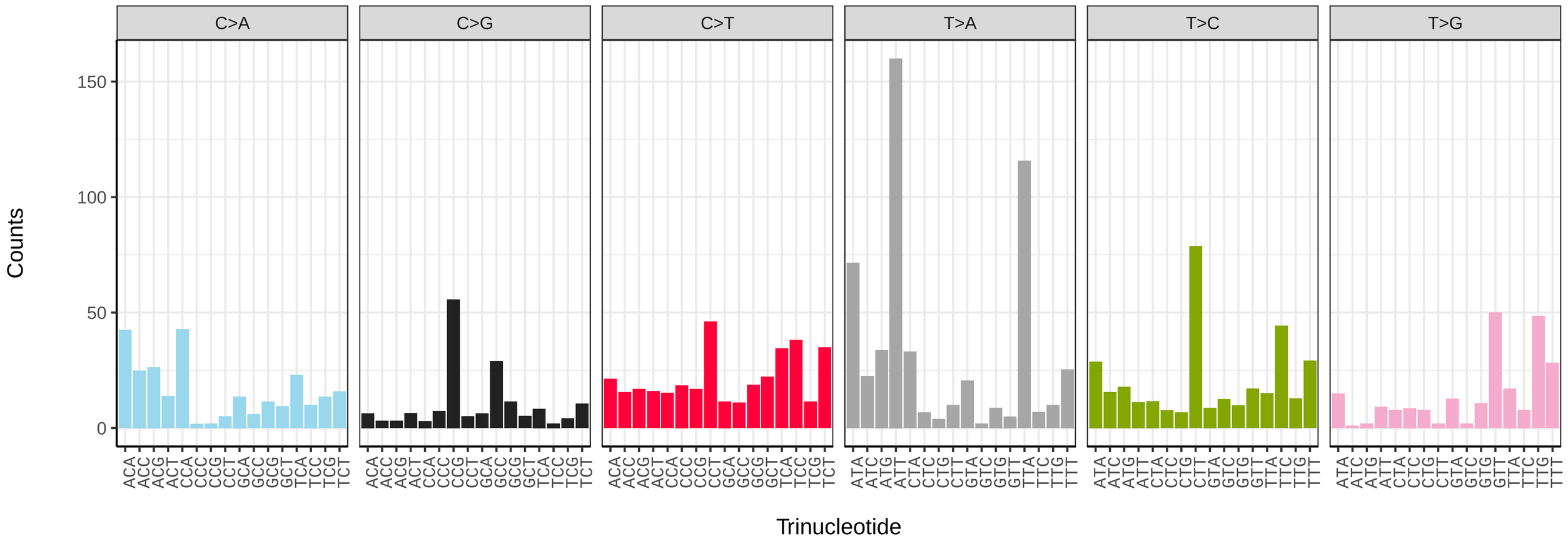
Eupithecia exiguata (ilEupExig1) somatic mutational spectrum (SBS52 classification)



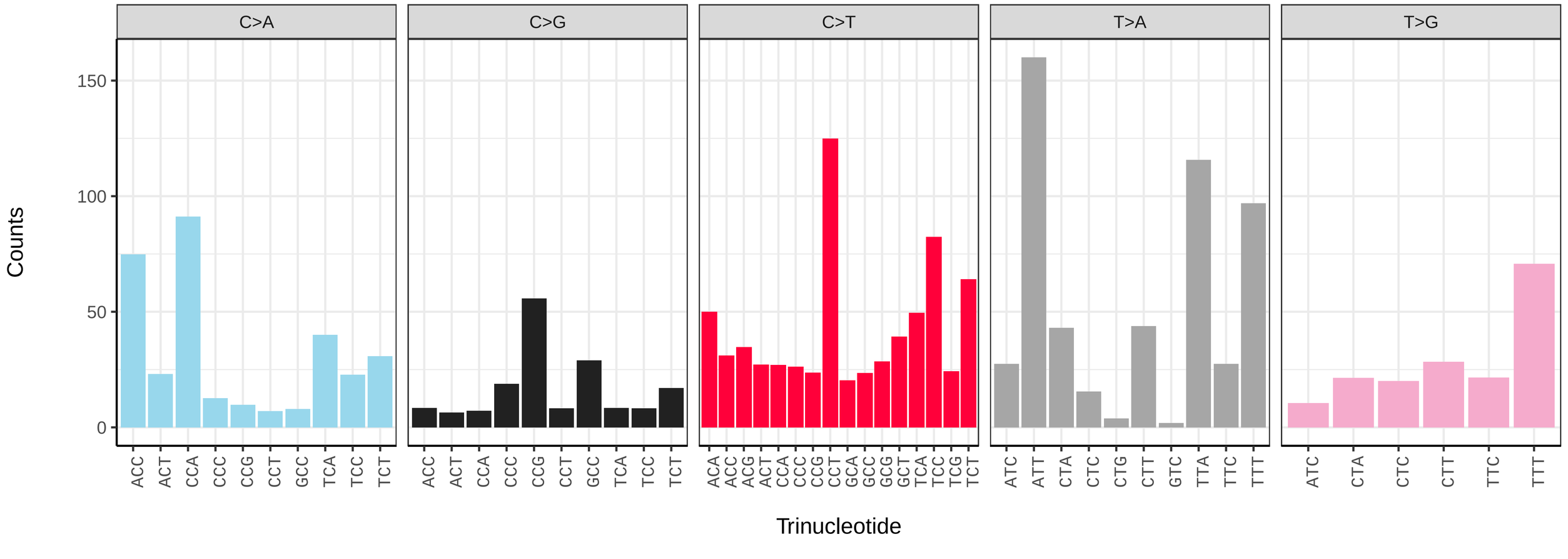
Eupithecia insigniata (ilEupInsi1) germline mutational spectrum



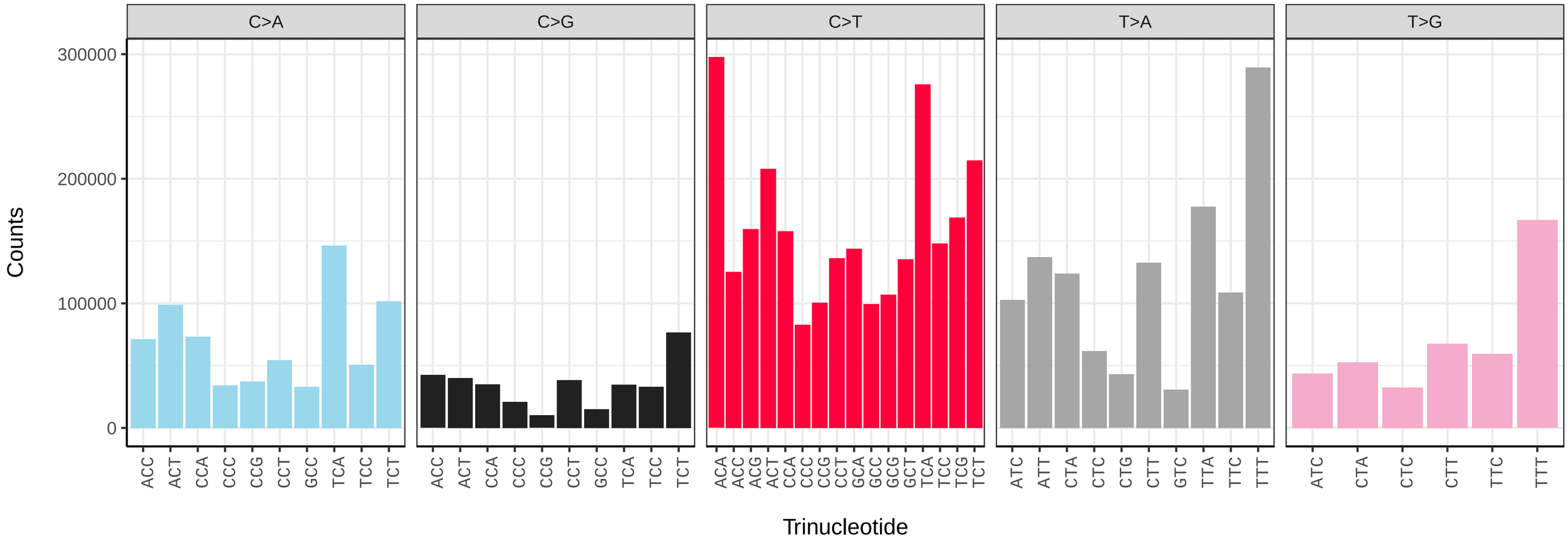
Eupithecia insigniata (ilEupInsi1) somatic mutational spectrum (SBS96 classification)



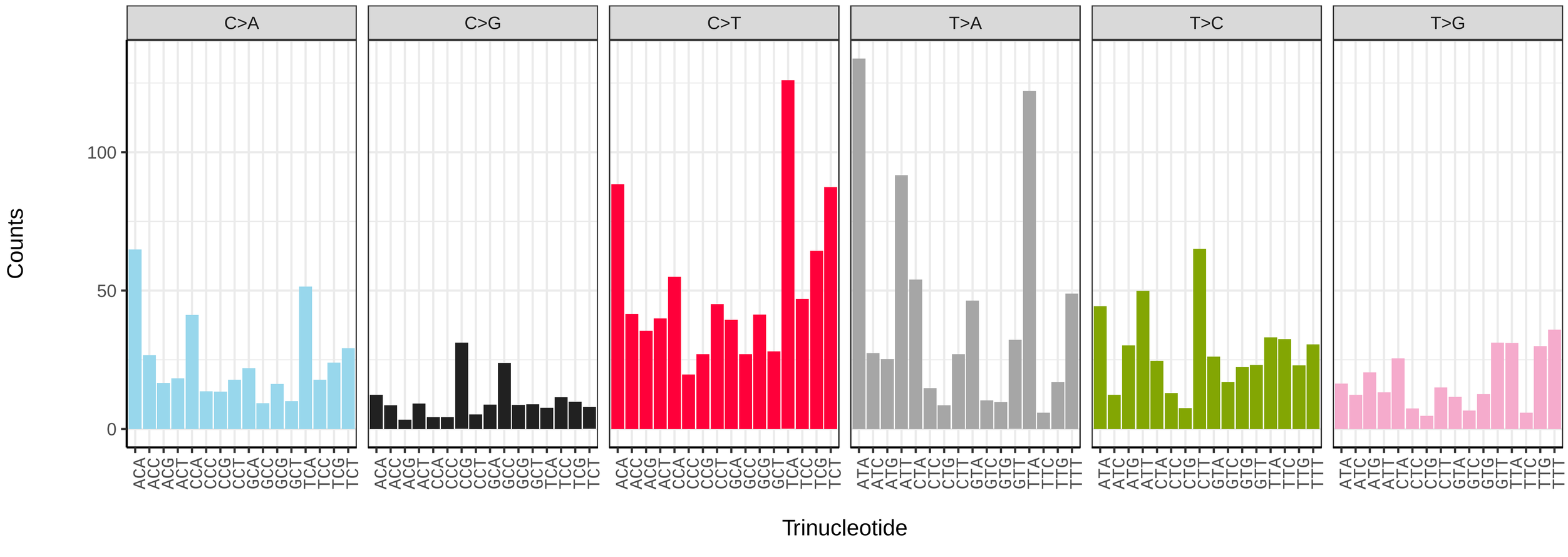
Eupithecia insigniata (ilEupInsi1) somatic mutational spectrum (SBS52 classification)



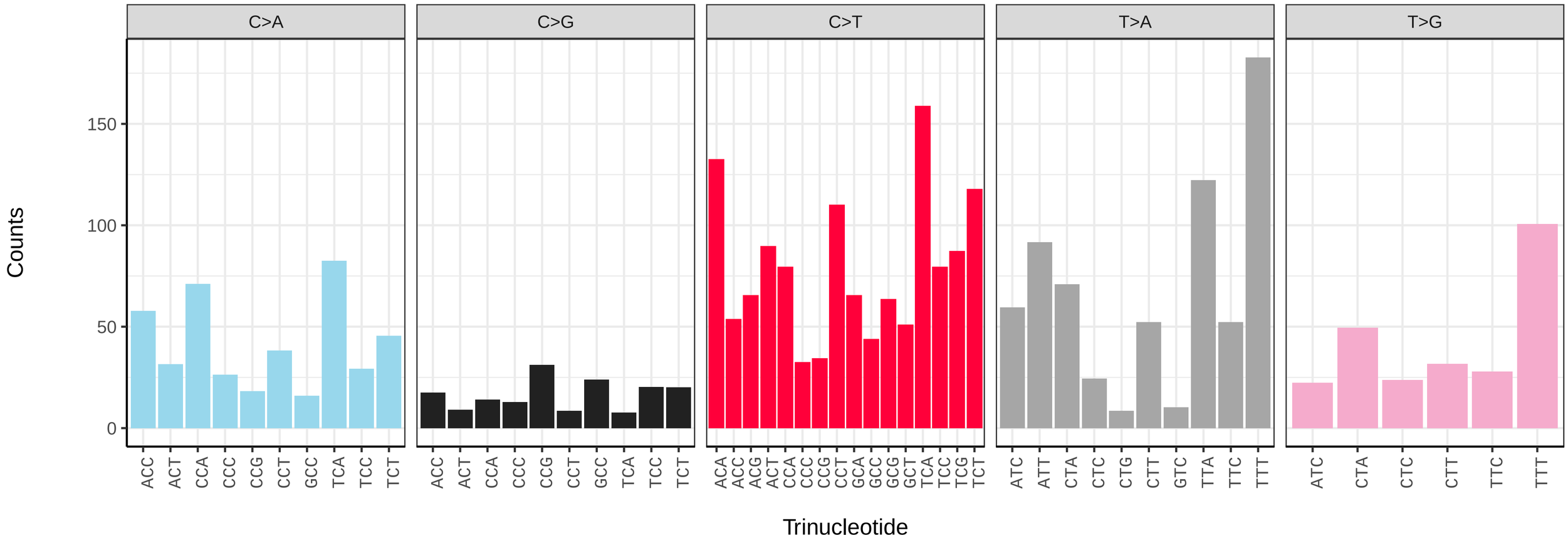
Euplexia lucipara (ilEupLuci1) germline mutational spectrum



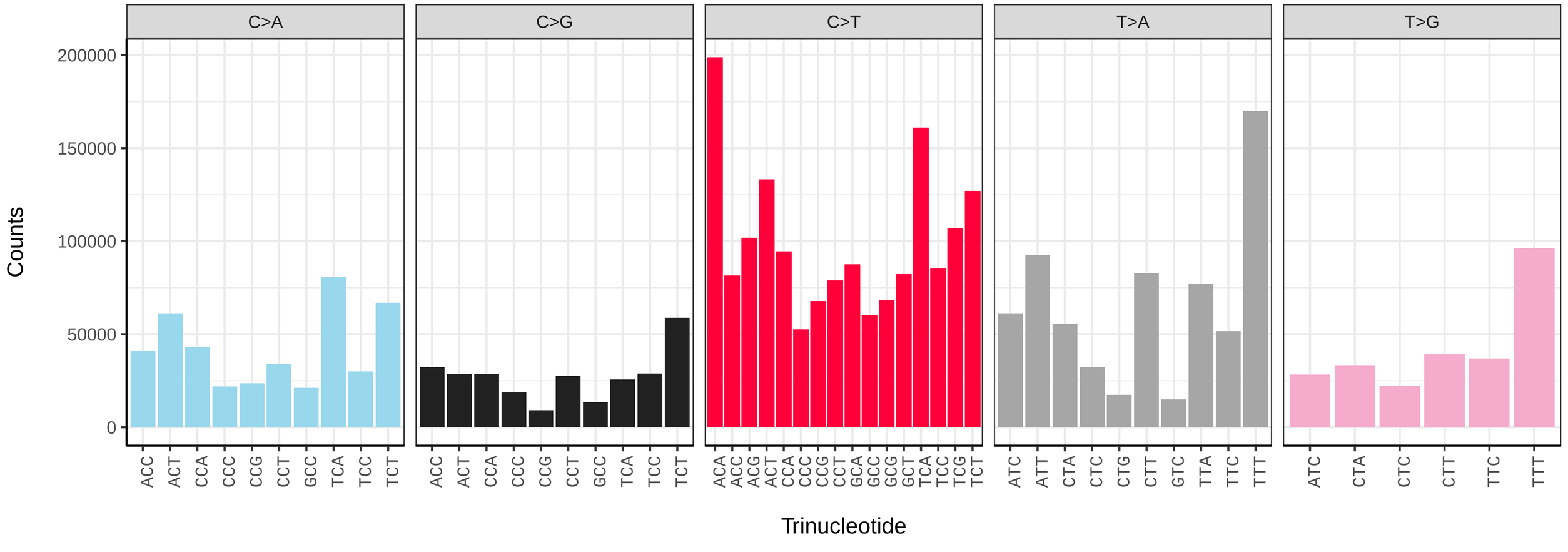
Euplexia lucipara (ilEupLuci1) somatic mutational spectrum (SBS96 classification)



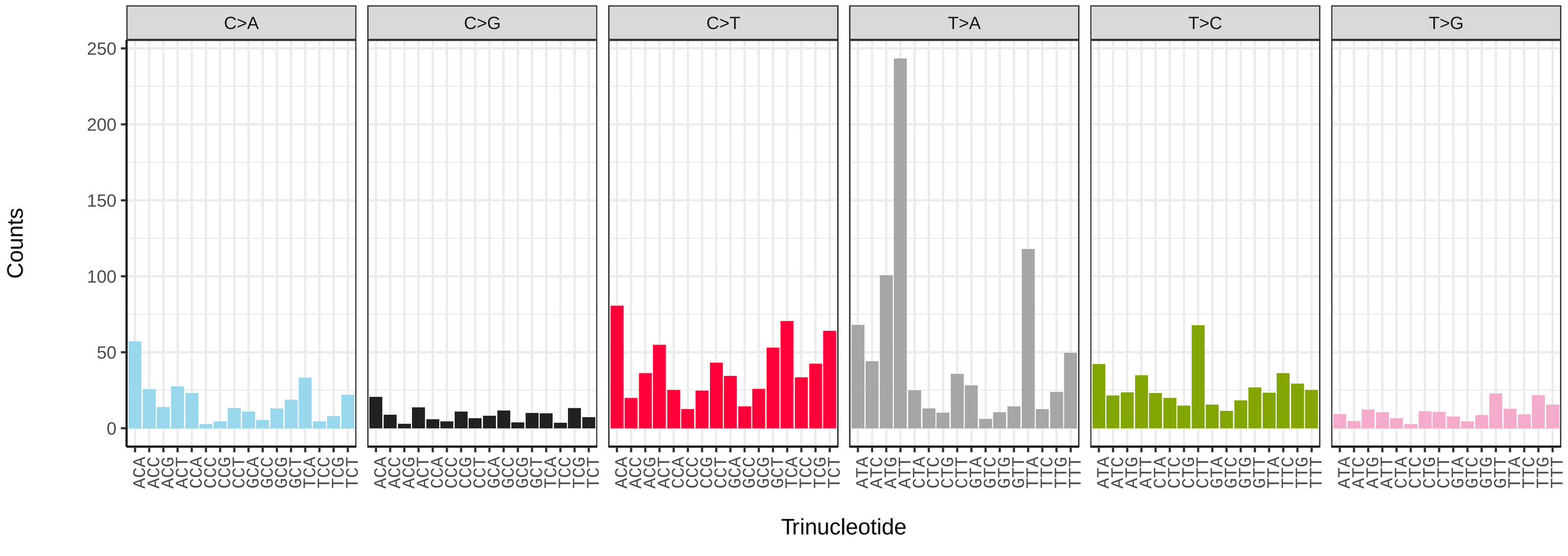
Euplexia lucipara (ilEupLuci1) somatic mutational spectrum (SBS52 classification)



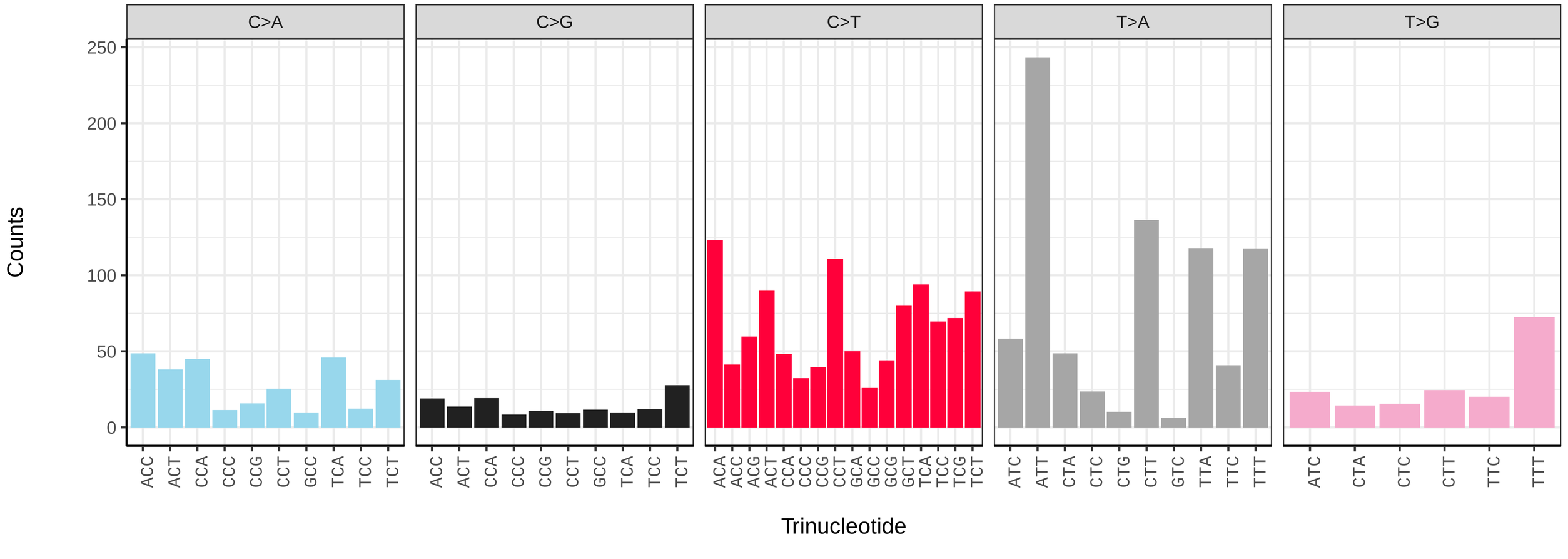
Euproctis similis (ilEupSimi1) germline mutational spectrum



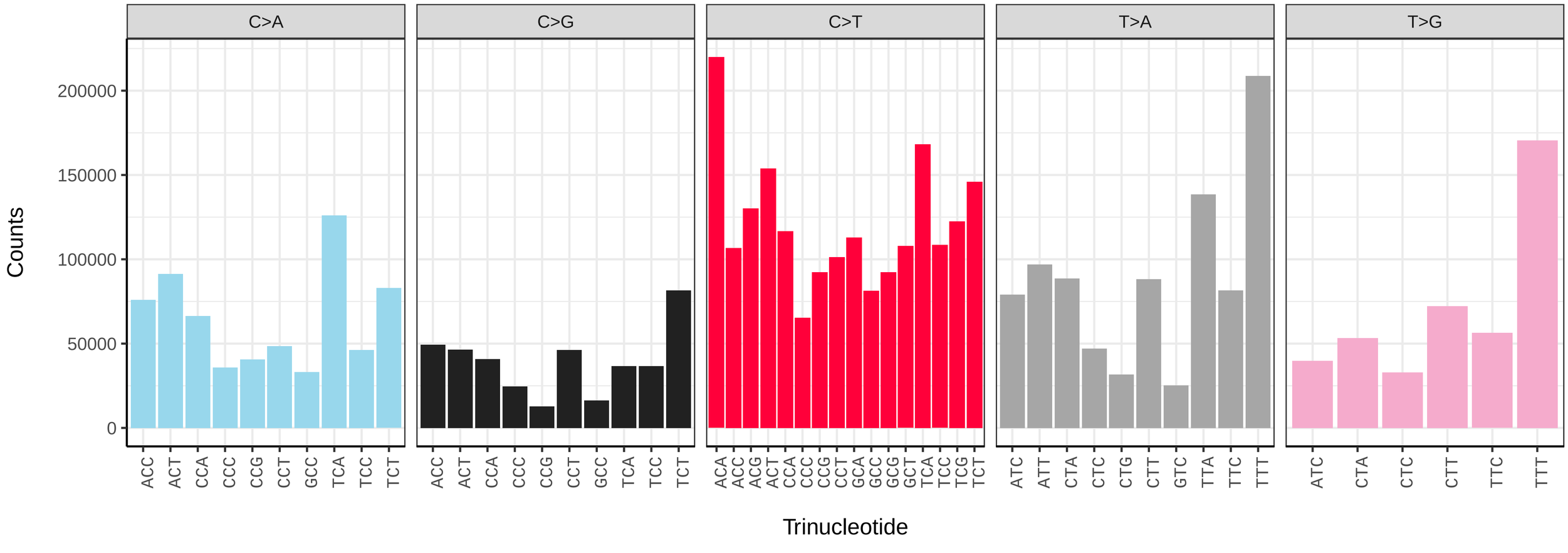
Euproctis similis (ilEupSimi1) somatic mutational spectrum (SBS96 classification)



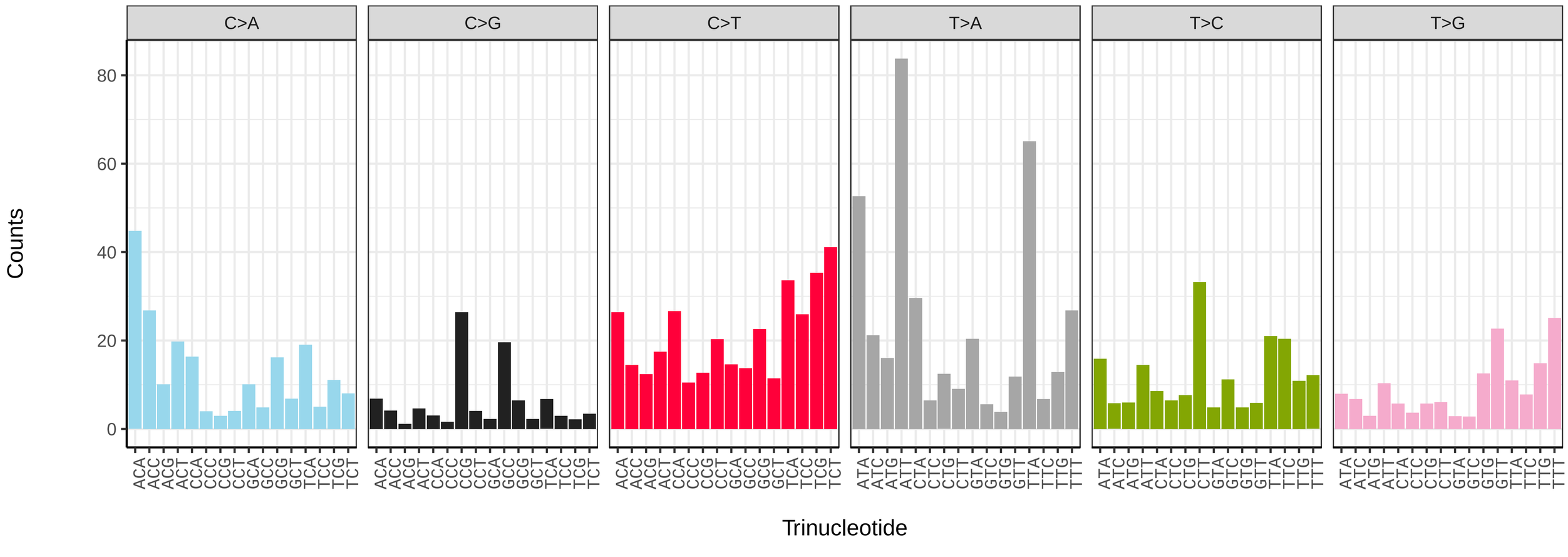
Euproctis similis (ilEupSimi1) somatic mutational spectrum (SBS52 classification)



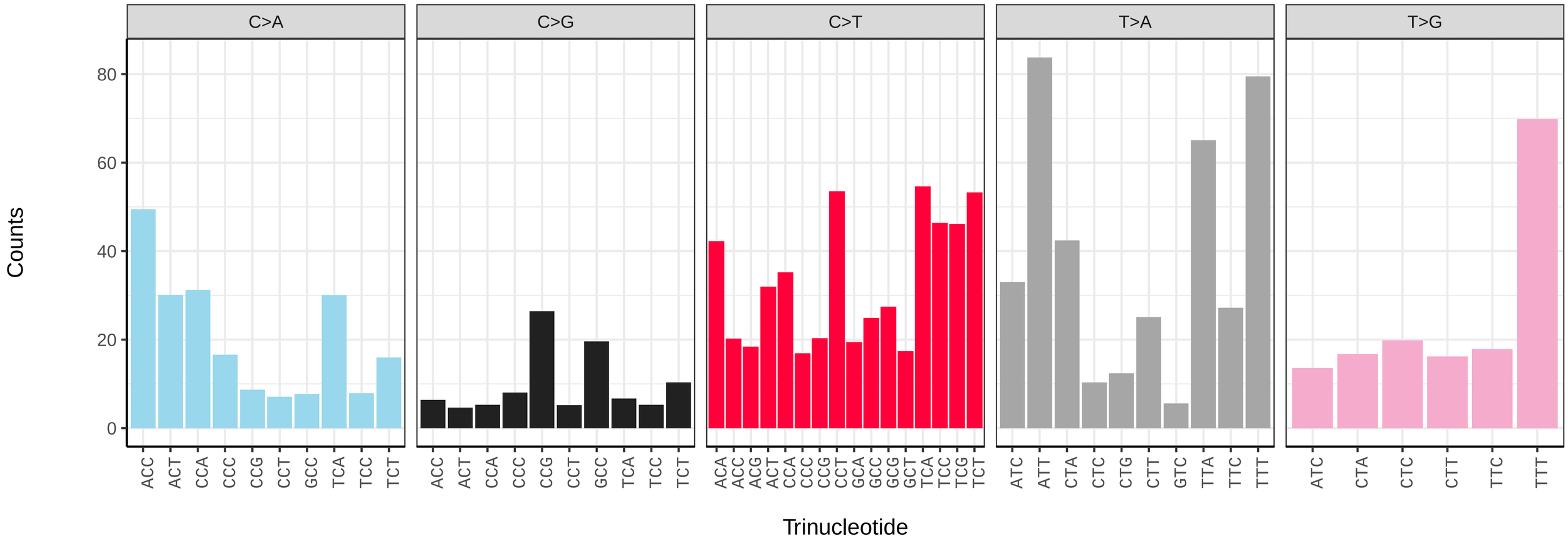
Eupsilia transversa (ilEupTran1) germline mutational spectrum



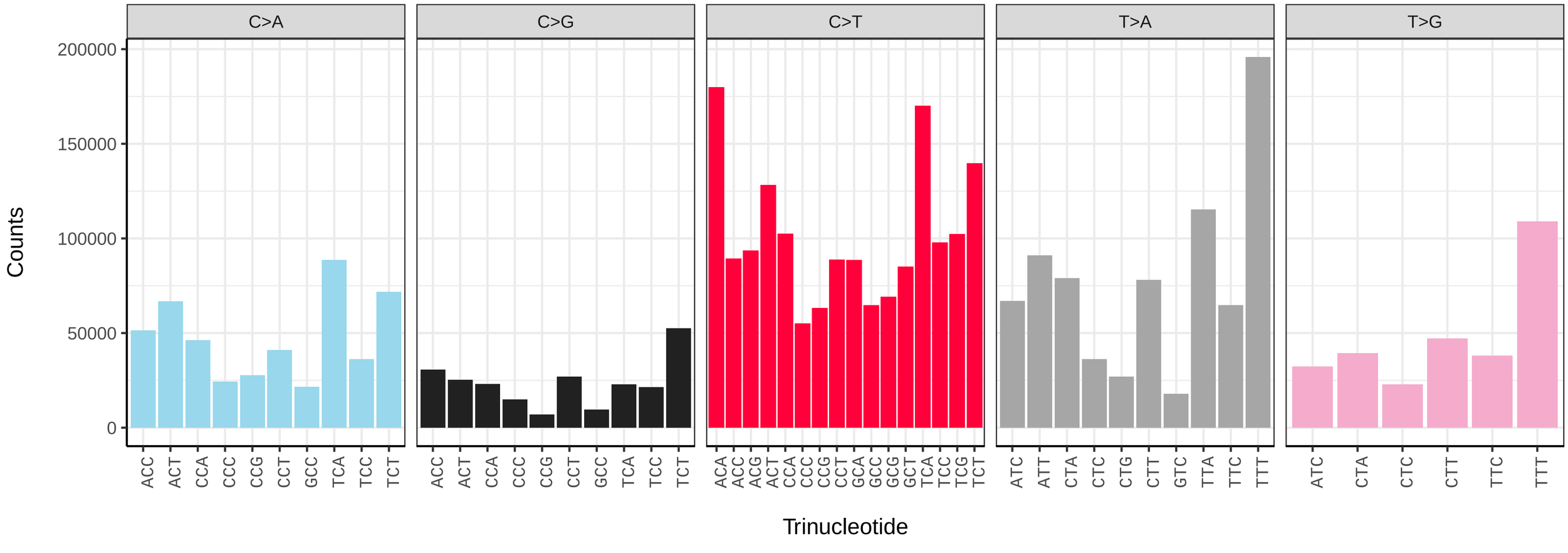
Eupsilia transversa (ilEupTran1) somatic mutational spectrum (SBS96 classification)



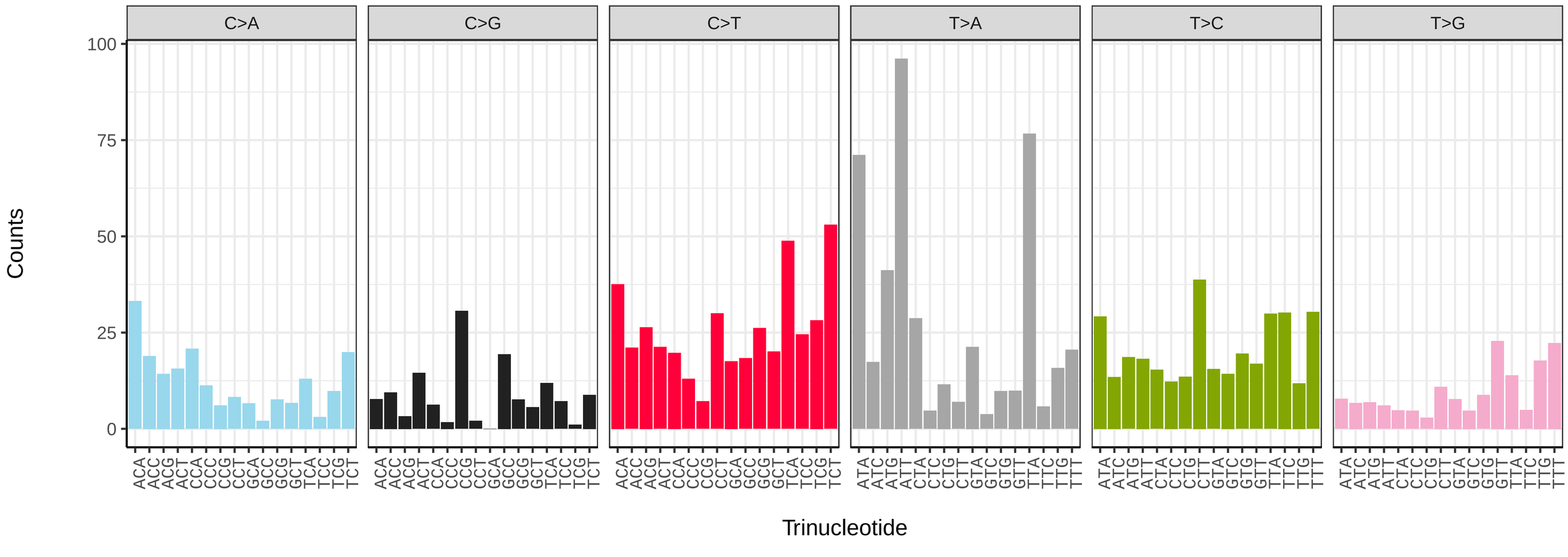
Eupsilia transversa (ilEupTran1) somatic mutational spectrum (SBS52 classification)



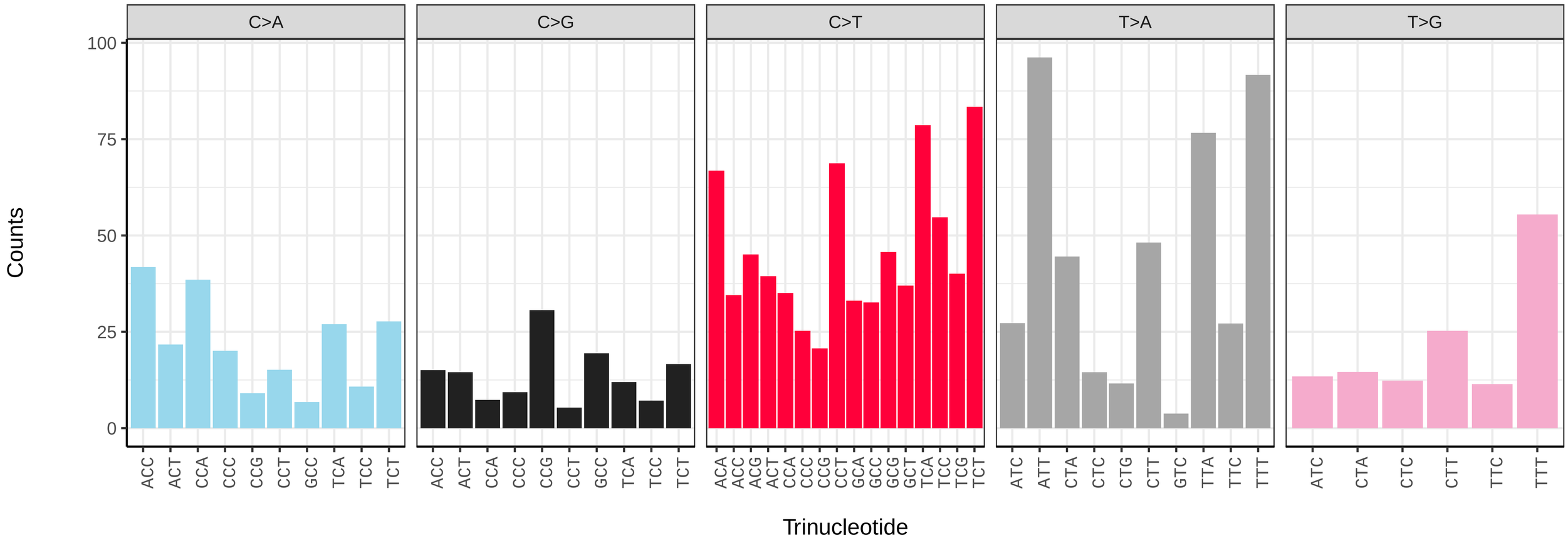
Eupithecia vulgata (ilEupVulg1) germline mutational spectrum



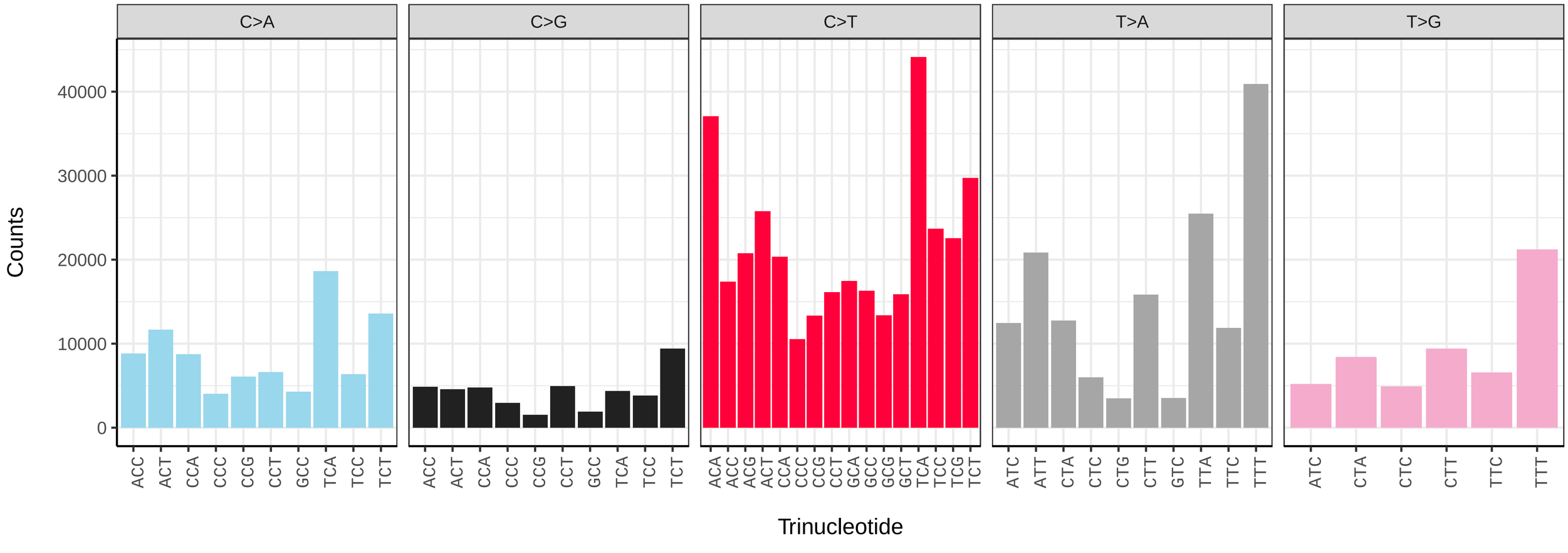
Eupithecia vulgata (ilEupVulg1) somatic mutational spectrum (SBS96 classification)



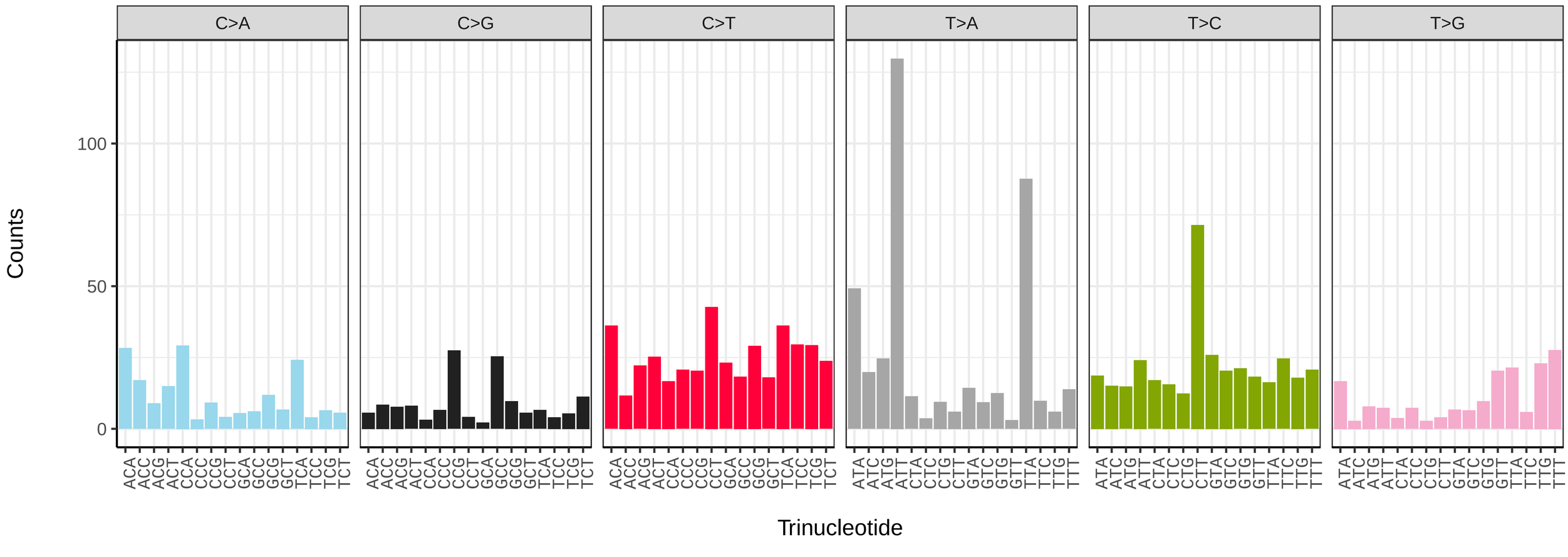
Eupithecia vulgata (ilEupVulg1) somatic mutational spectrum (SBS52 classification)



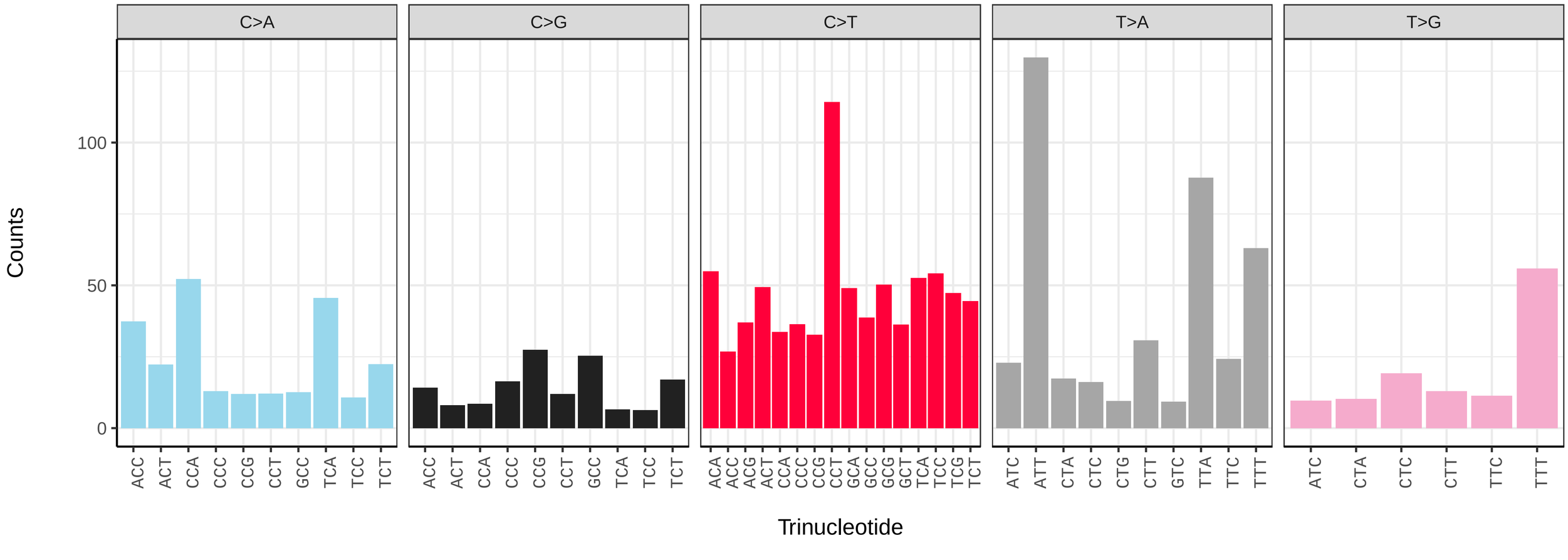
Euzophera pinguis (ilEuzPing2) germline mutational spectrum



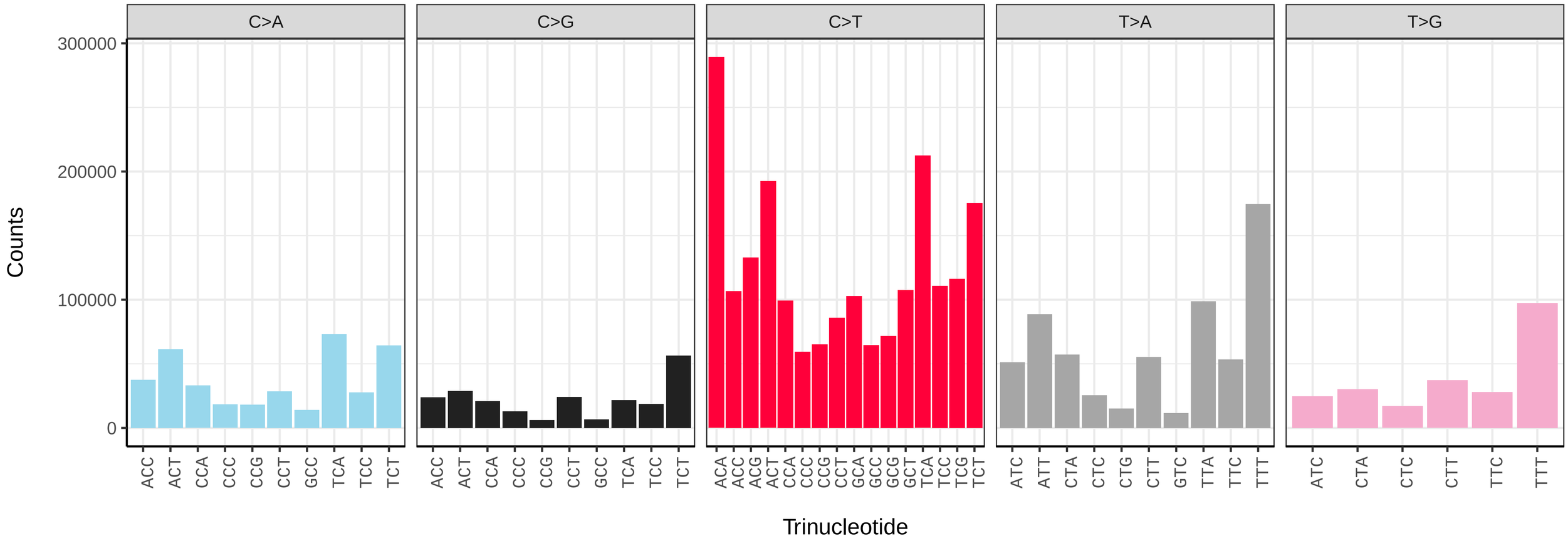
Euzophera pinguis (ilEuzPing2) somatic mutational spectrum (SBS96 classification)



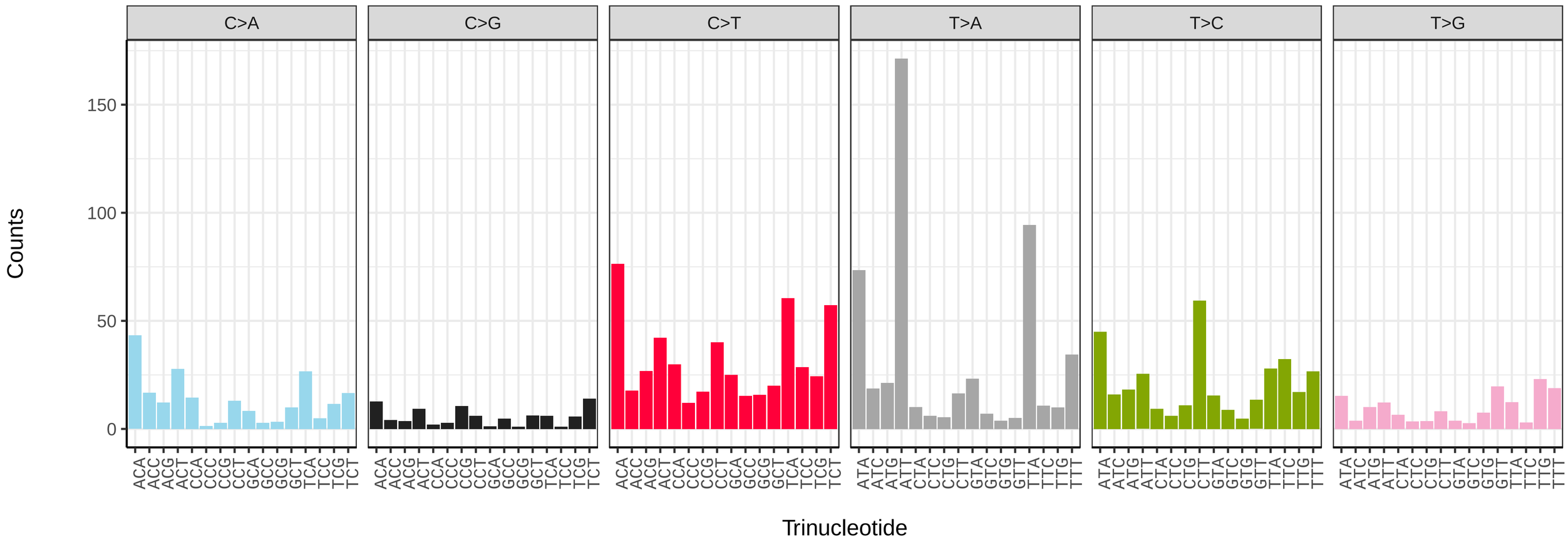
Euzophera pinguis (ilEuzPing2) somatic mutational spectrum (SBS52 classification)



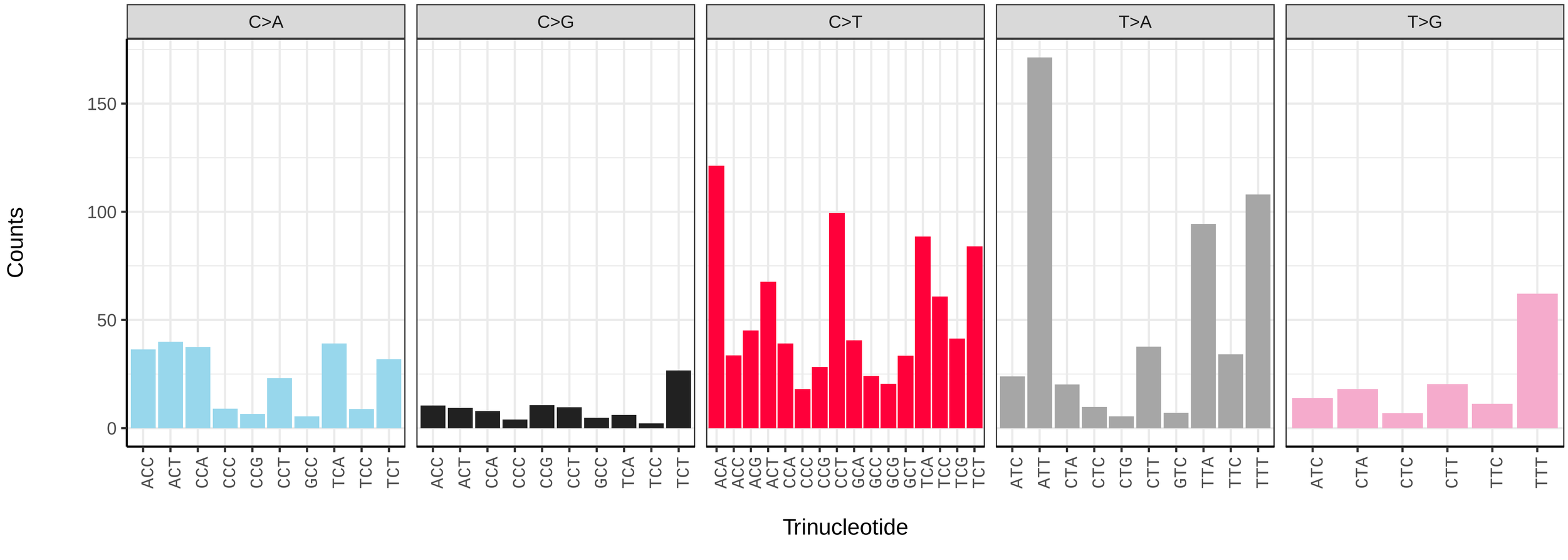
Fabriciana adippe (ilFabAdip1) germline mutational spectrum



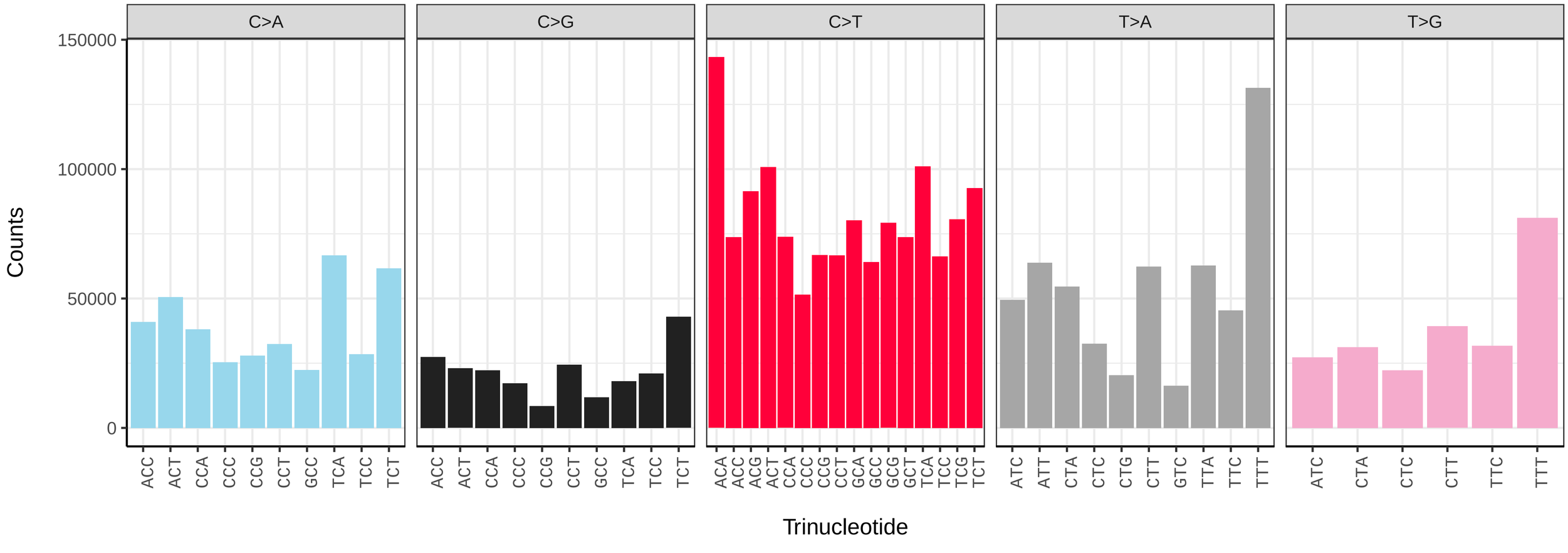
Fabriciana adippe (ilFabAdip1) somatic mutational spectrum (SBS96 classification)



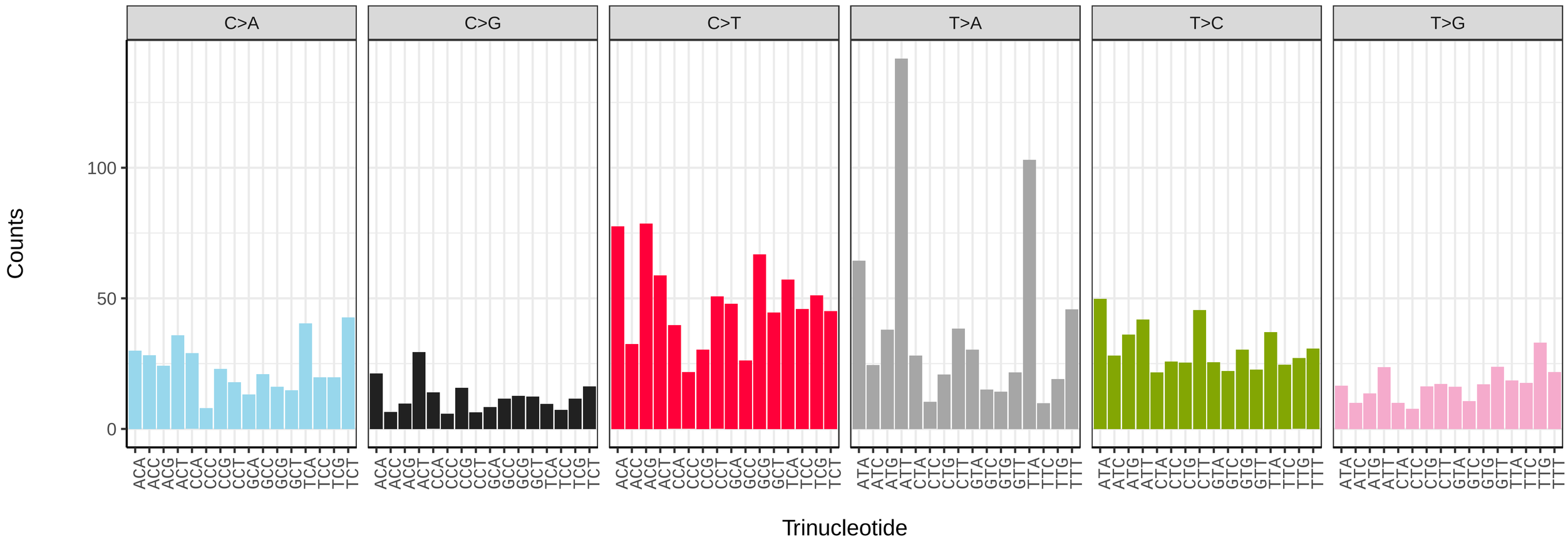
Fabriciana adippe (ilFabAdip1) somatic mutational spectrum (SBS52 classification)



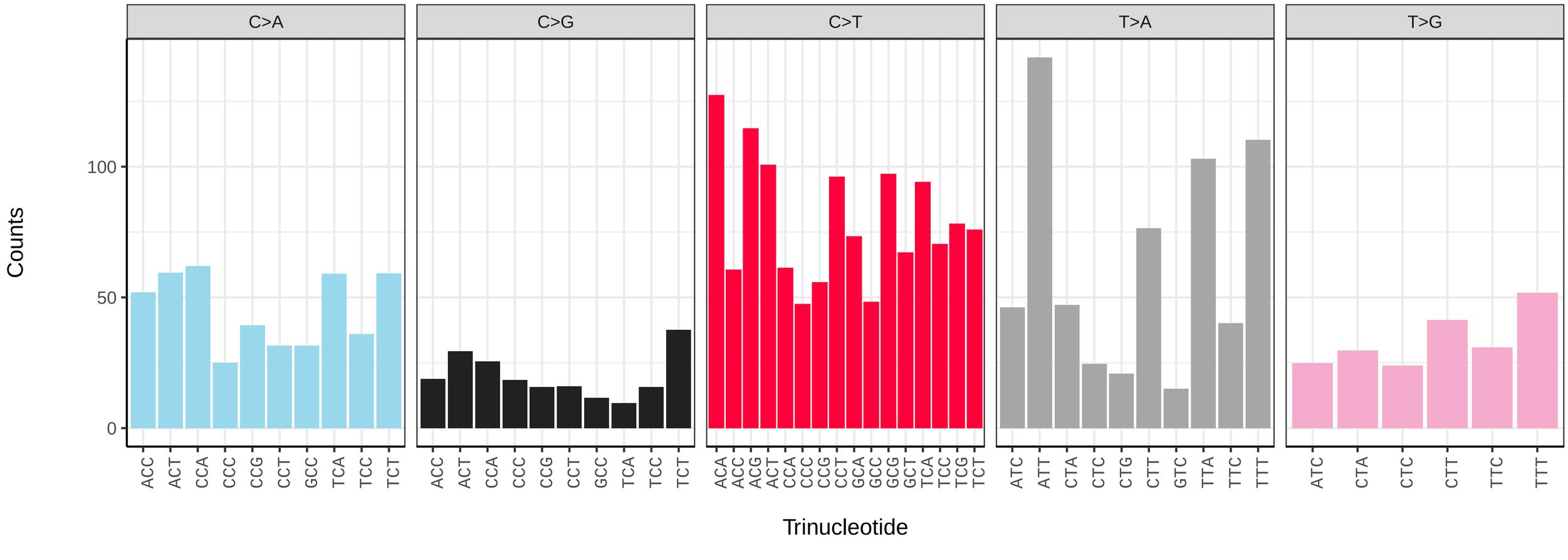
Furcula furcula (ilFurFurc1) germline mutational spectrum



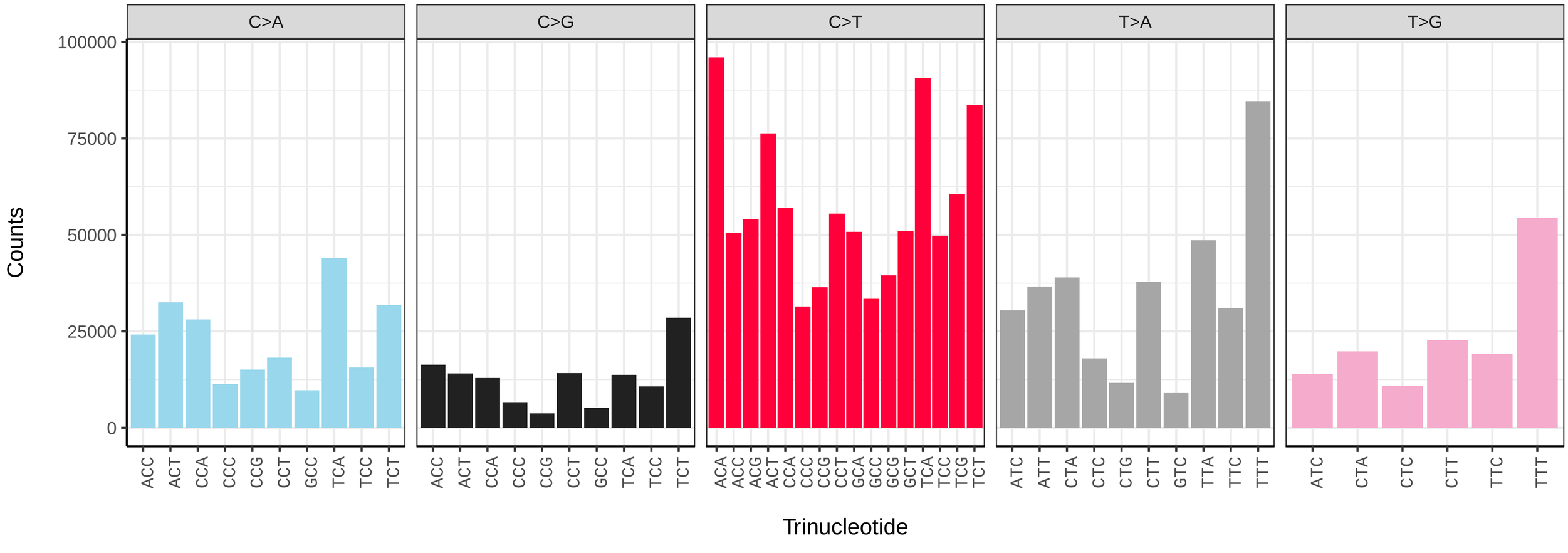
Furcula furcula (ilFurFurc1) somatic mutational spectrum (SBS96 classification)



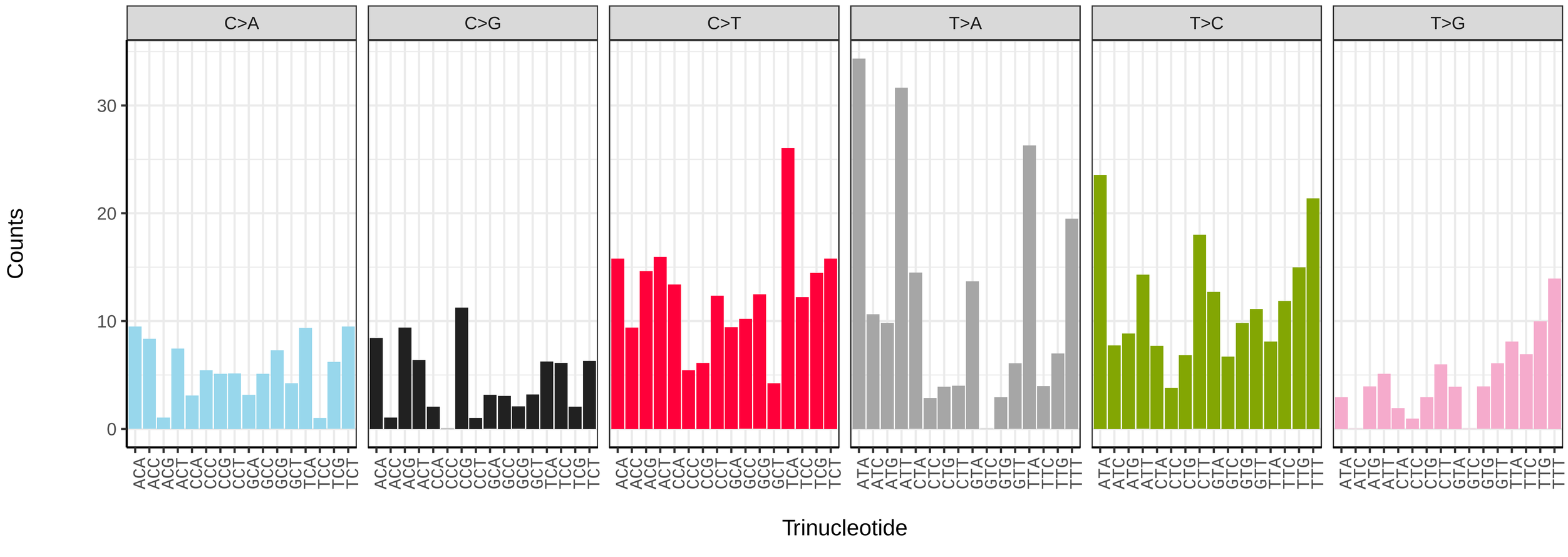
Furcula furcula (ilFurFurc1) somatic mutational spectrum (SBS52 classification)



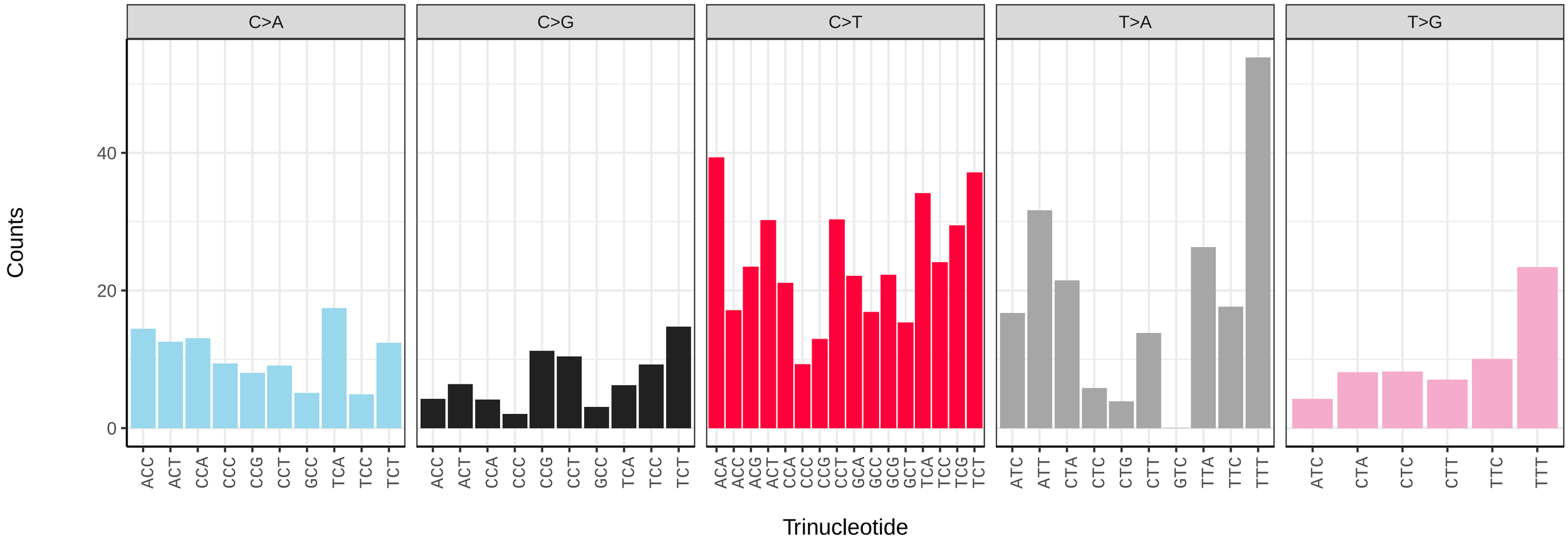
Gandaritis pyraliata (ilGanPyra1) germline mutational spectrum



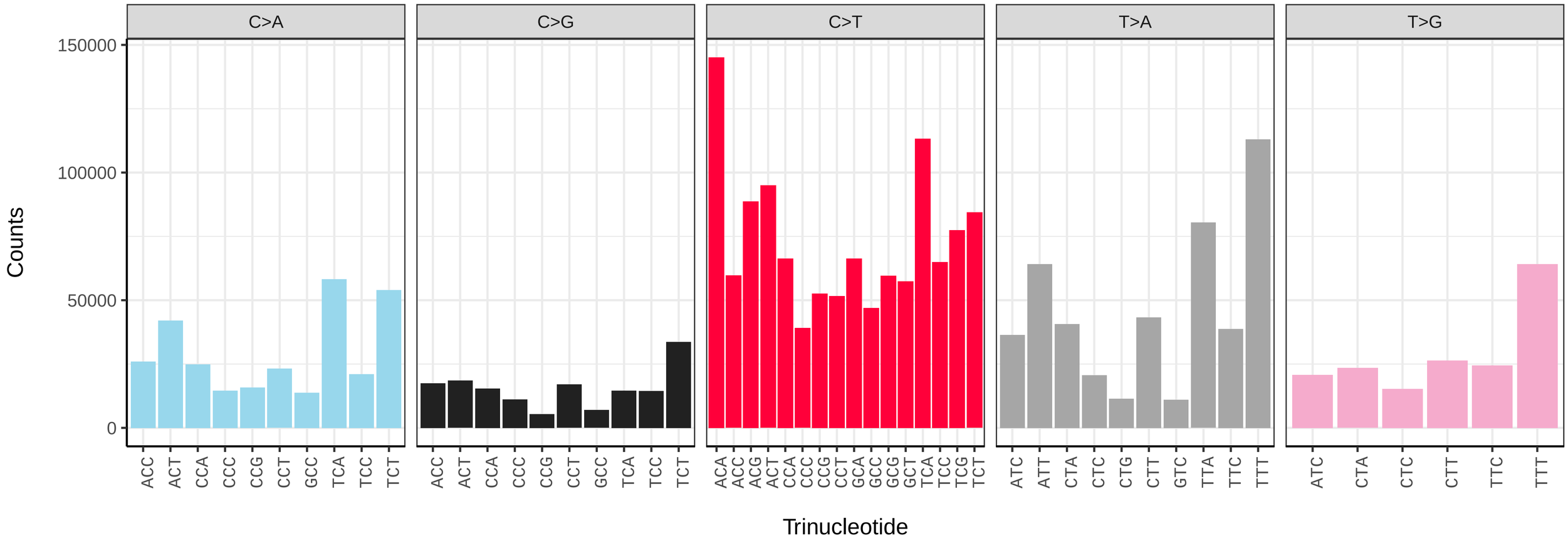
Gandaritis pyraliata (ilGanPyra1) somatic mutational spectrum (SBS96 classification)



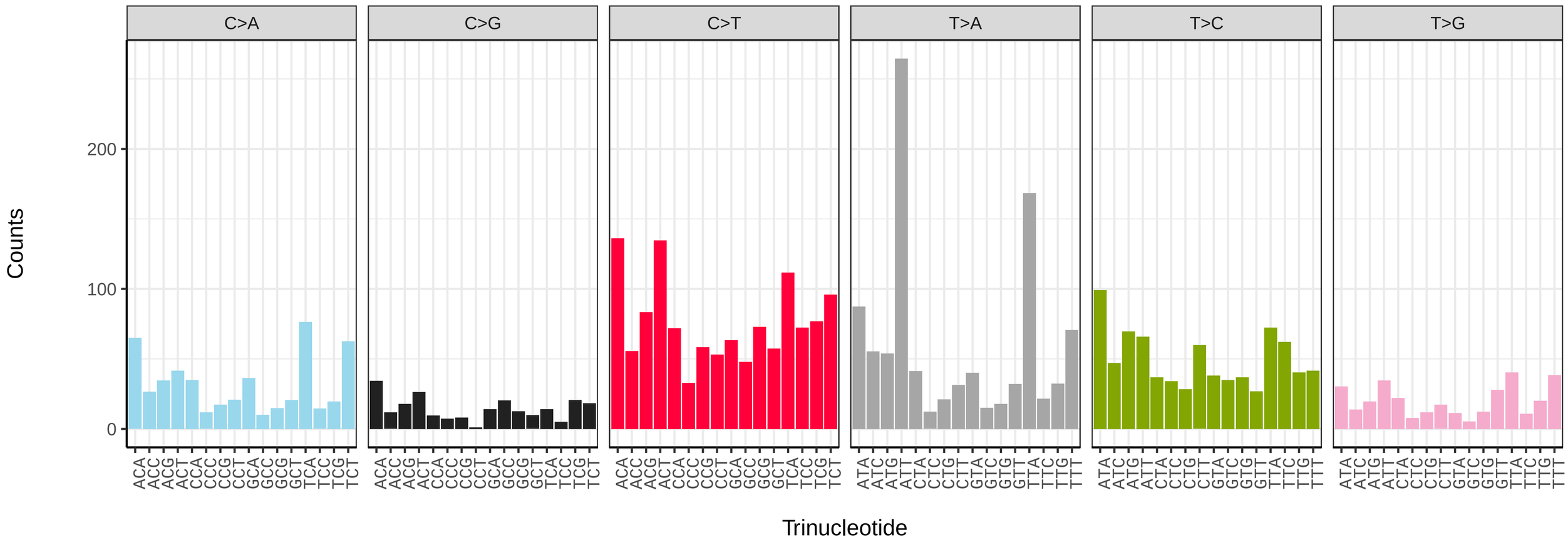
Gandaritis pyraliata (ilGanPyra1) somatic mutational spectrum (SBS52 classification)



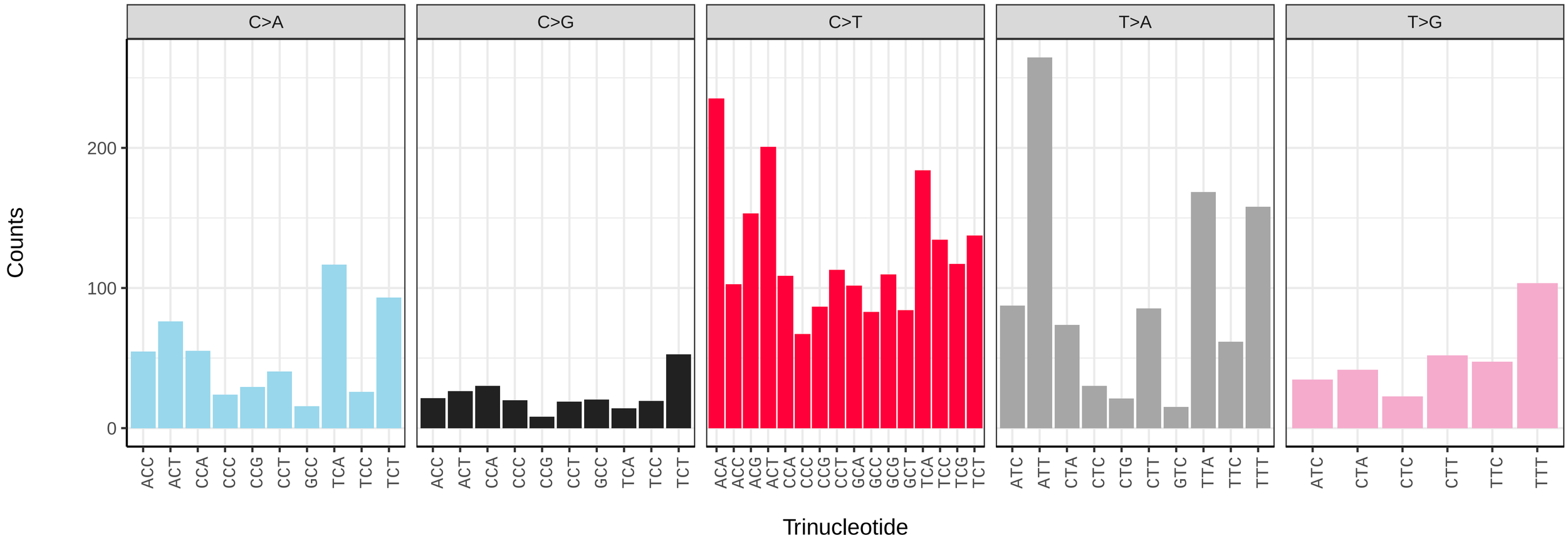
Glaucopsyche alexis (ilGlaAlex1) germline mutational spectrum



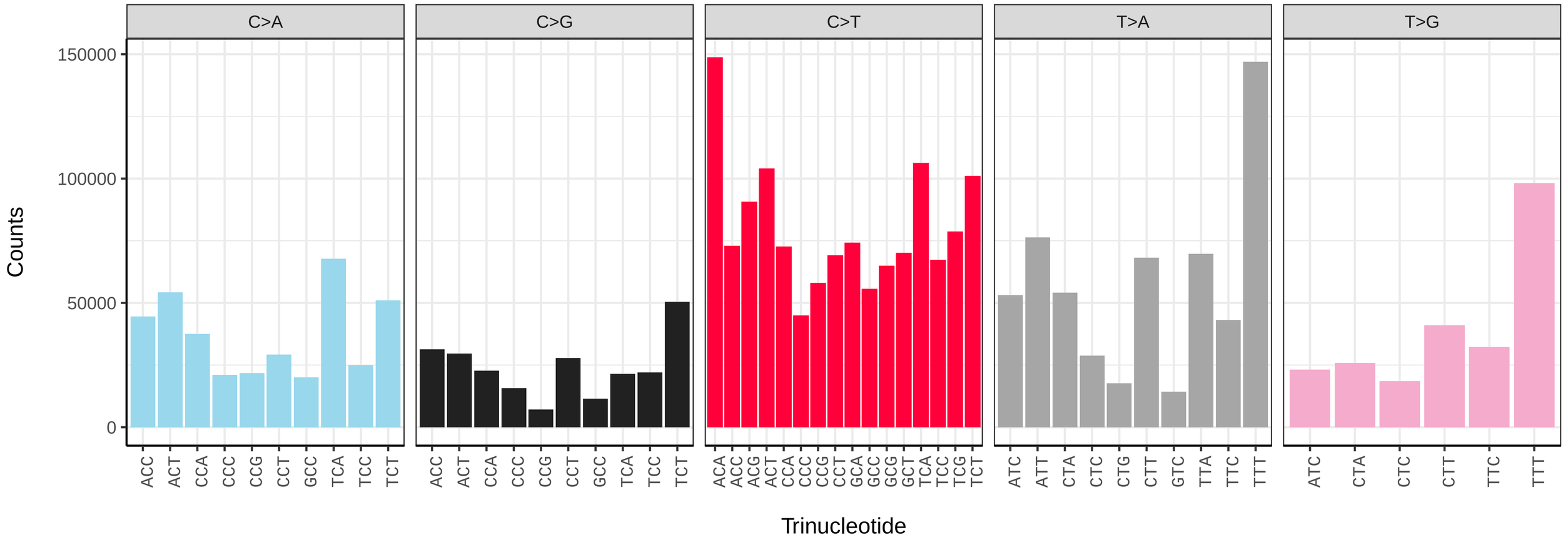
Glaucopsyche alexis (ilGlaAlex1) somatic mutational spectrum (SBS96 classification)



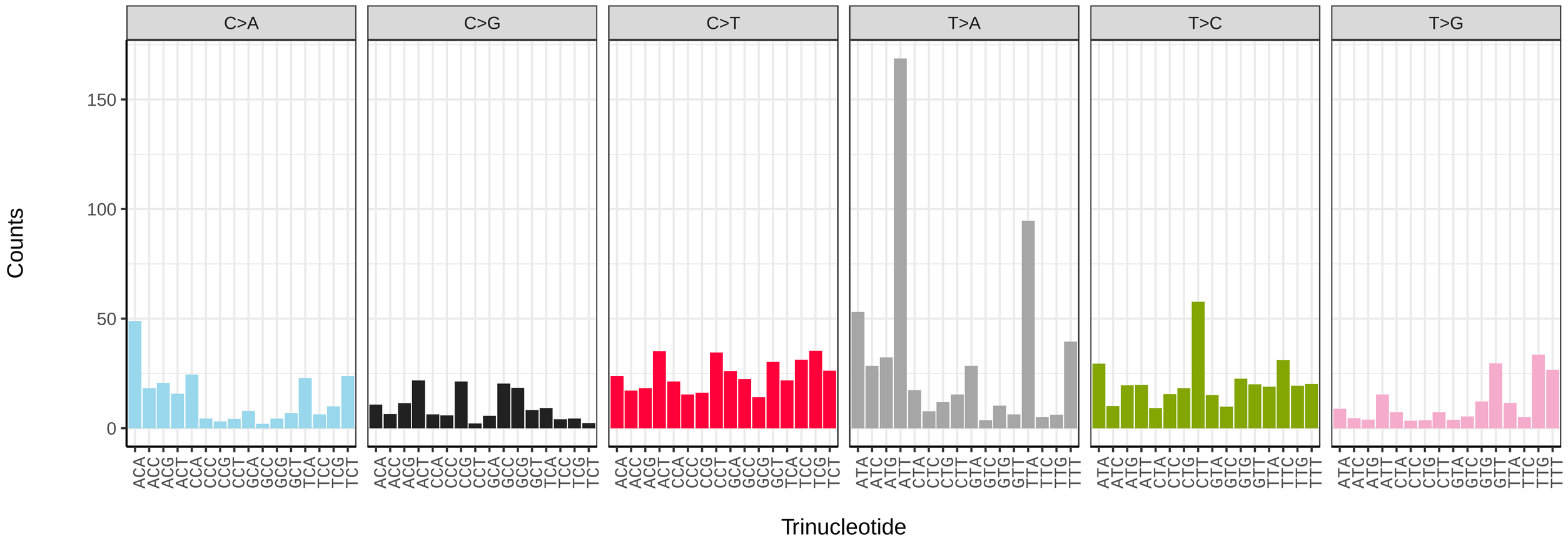
Glaucopsyche alexis (ilGlaAlex1) somatic mutational spectrum (SBS52 classification)



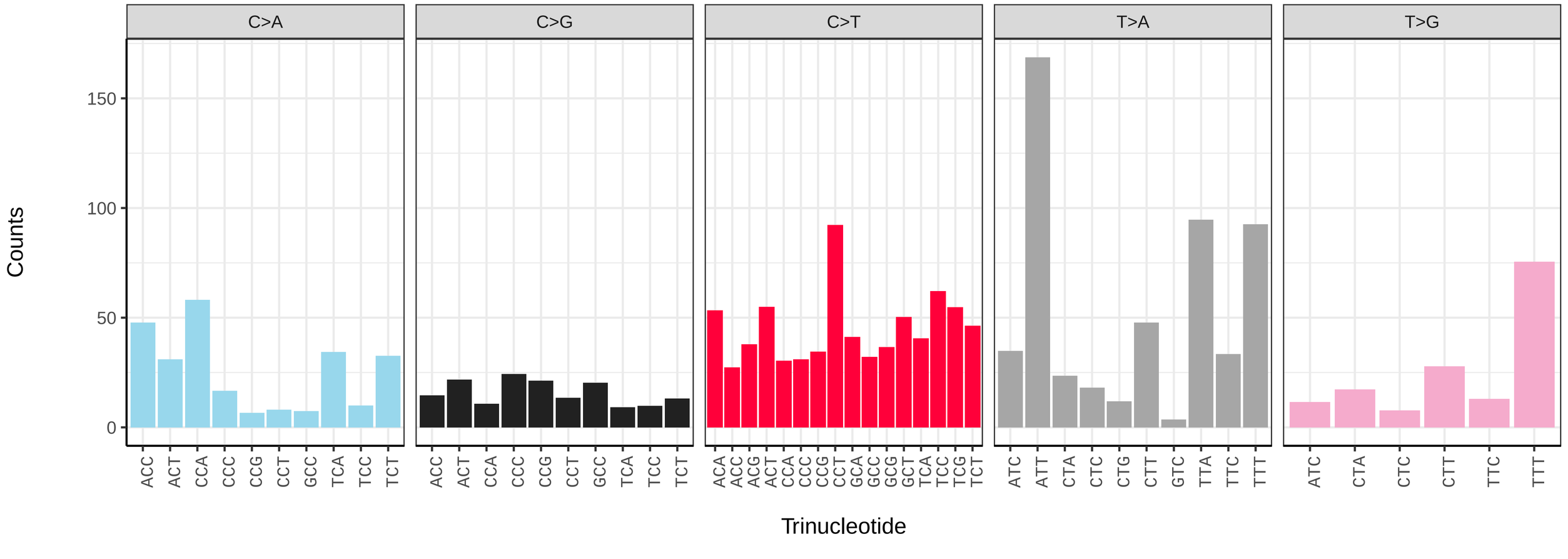
Griposia aprilina (ilGriApri1) germline mutational spectrum



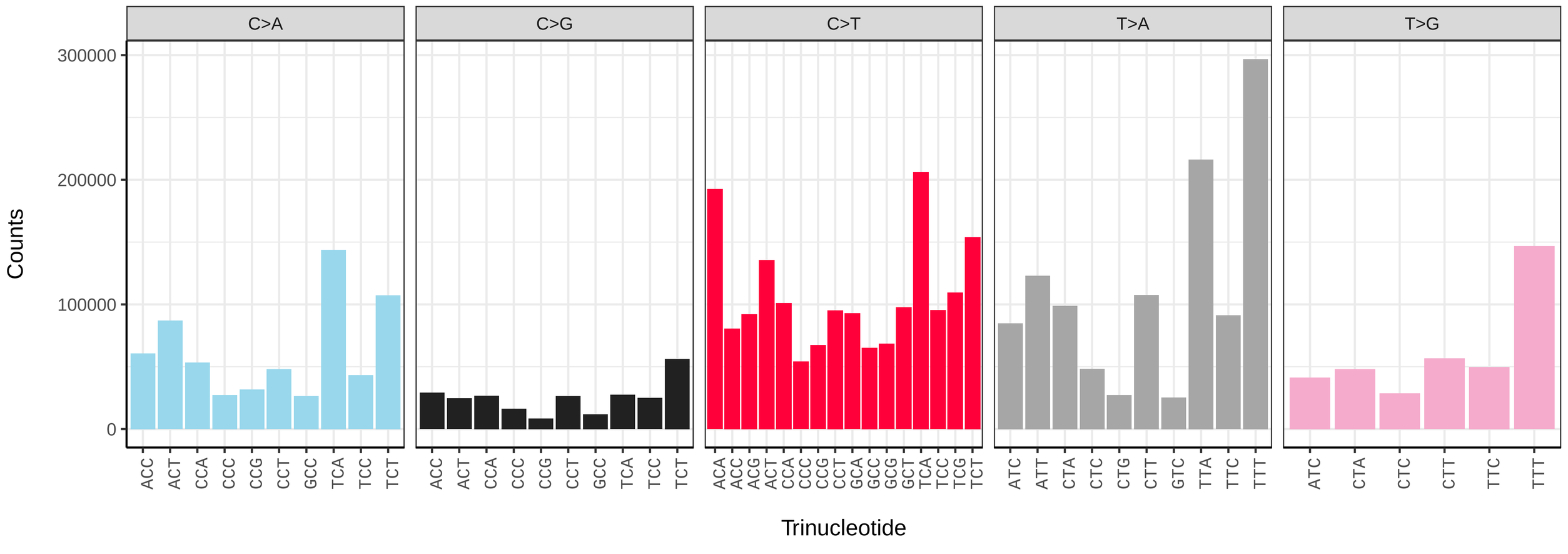
Griposia aprilina (ilGriApri1) somatic mutational spectrum (SBS96 classification)



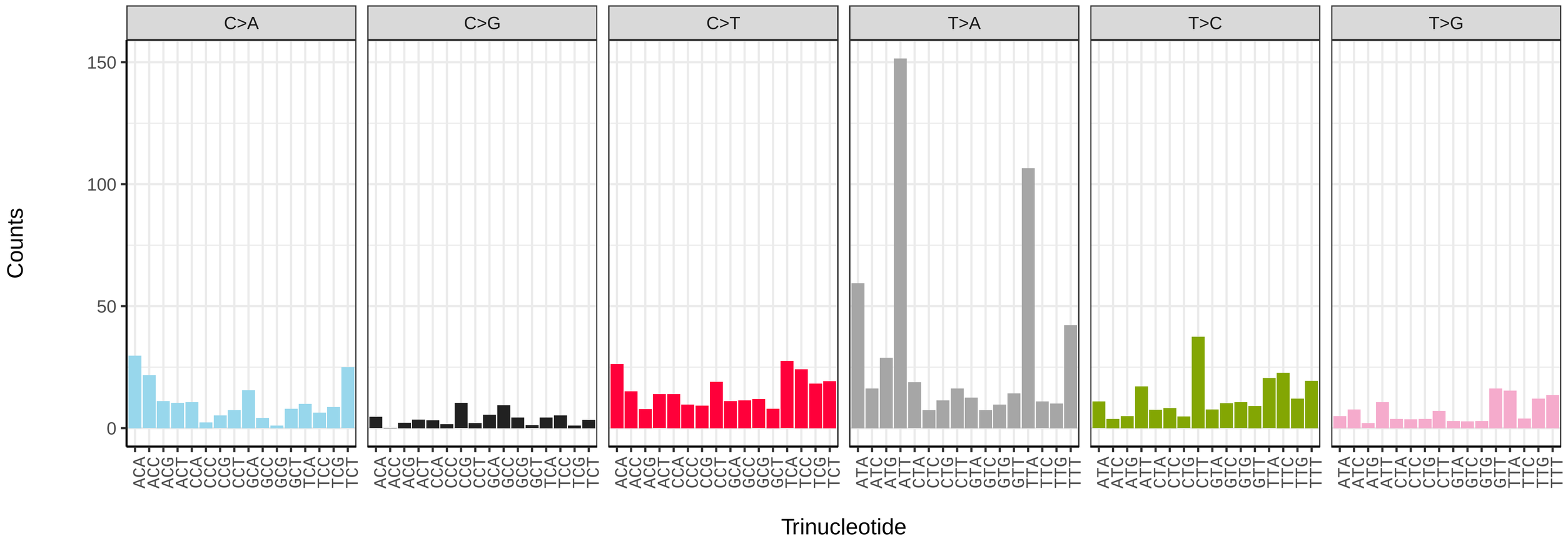
Griposia aprilina (ilGriApri1) somatic mutational spectrum (SBS52 classification)



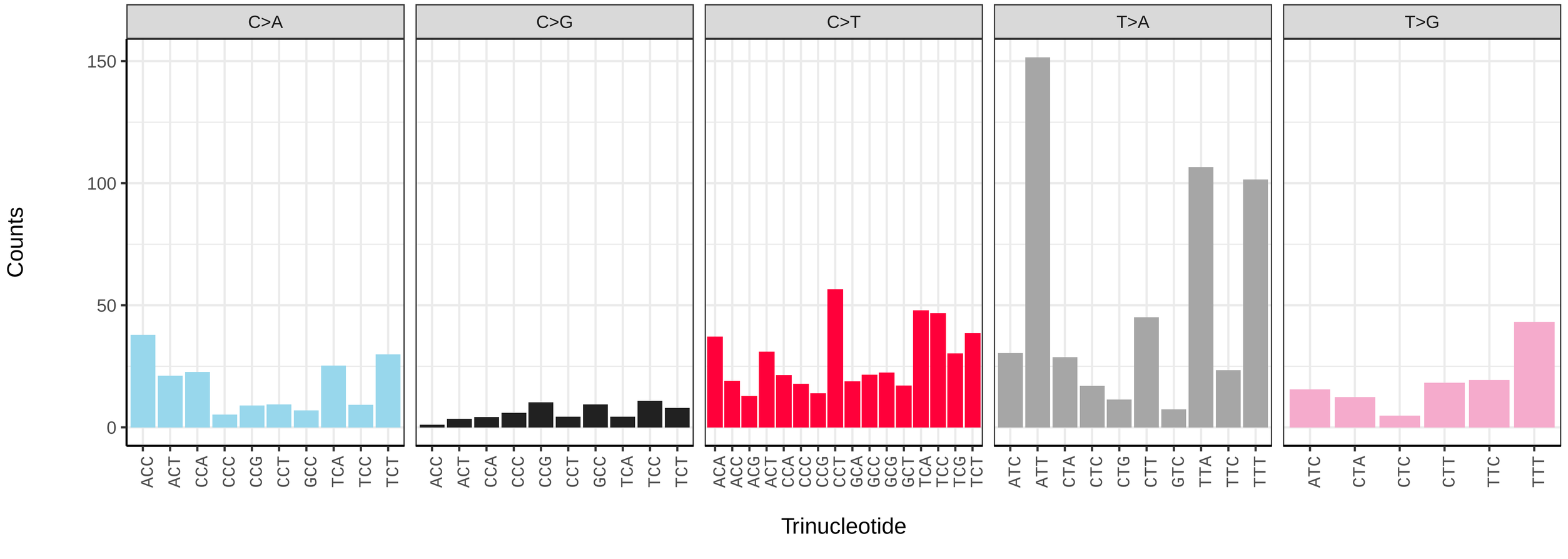
Gymnoscelis rufifasciata (ilGymRufi1) germline mutational spectrum



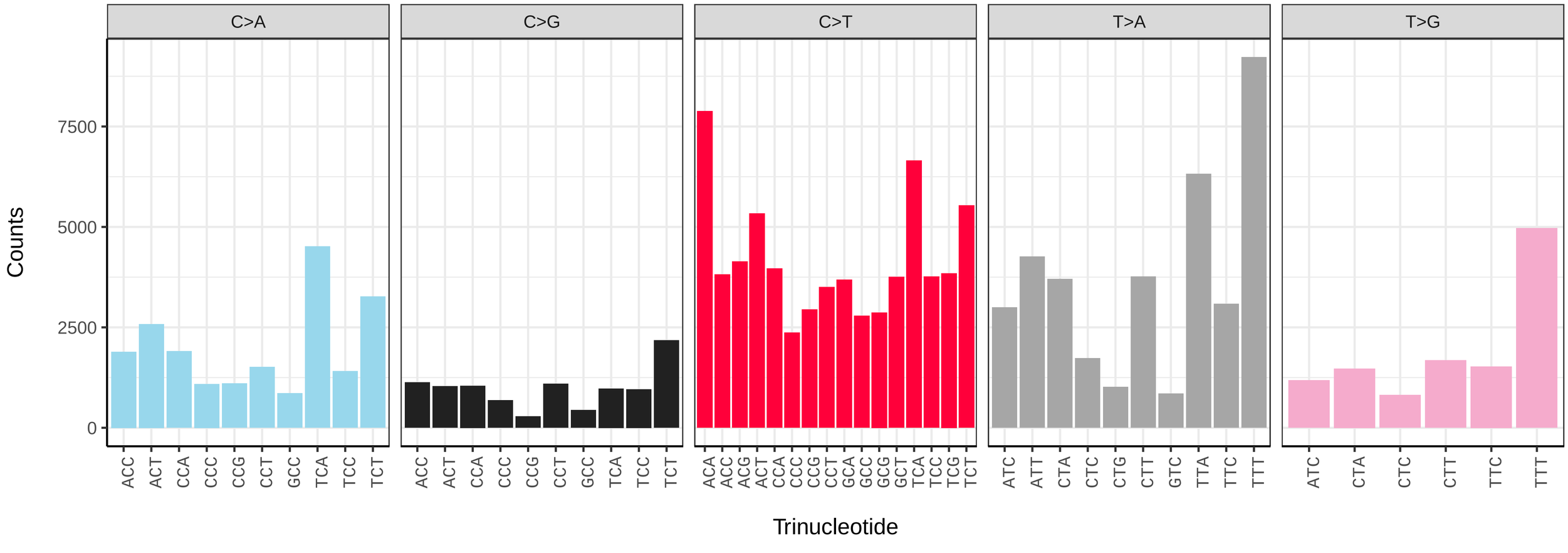
Gymnoscelis rufifasciata (ilGymRufi1) somatic mutational spectrum (SBS96 classification)



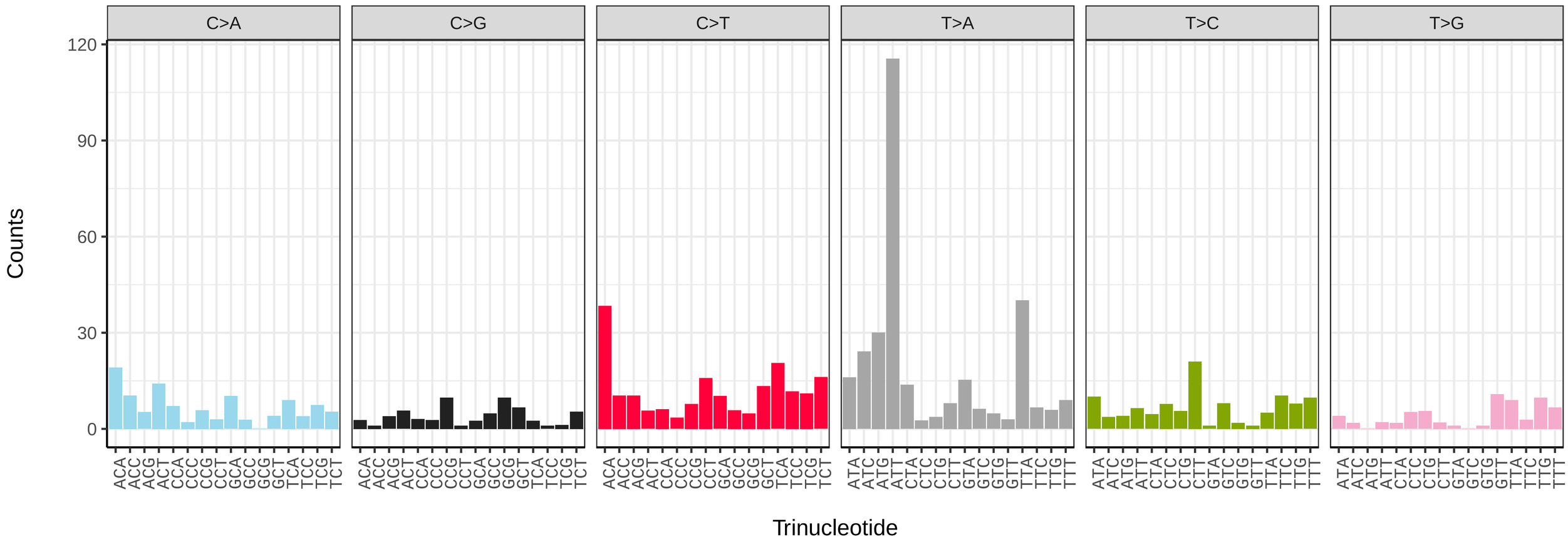
Gymnoscelis rufifasciata (ilGymRufi1) somatic mutational spectrum (SBS52 classification)



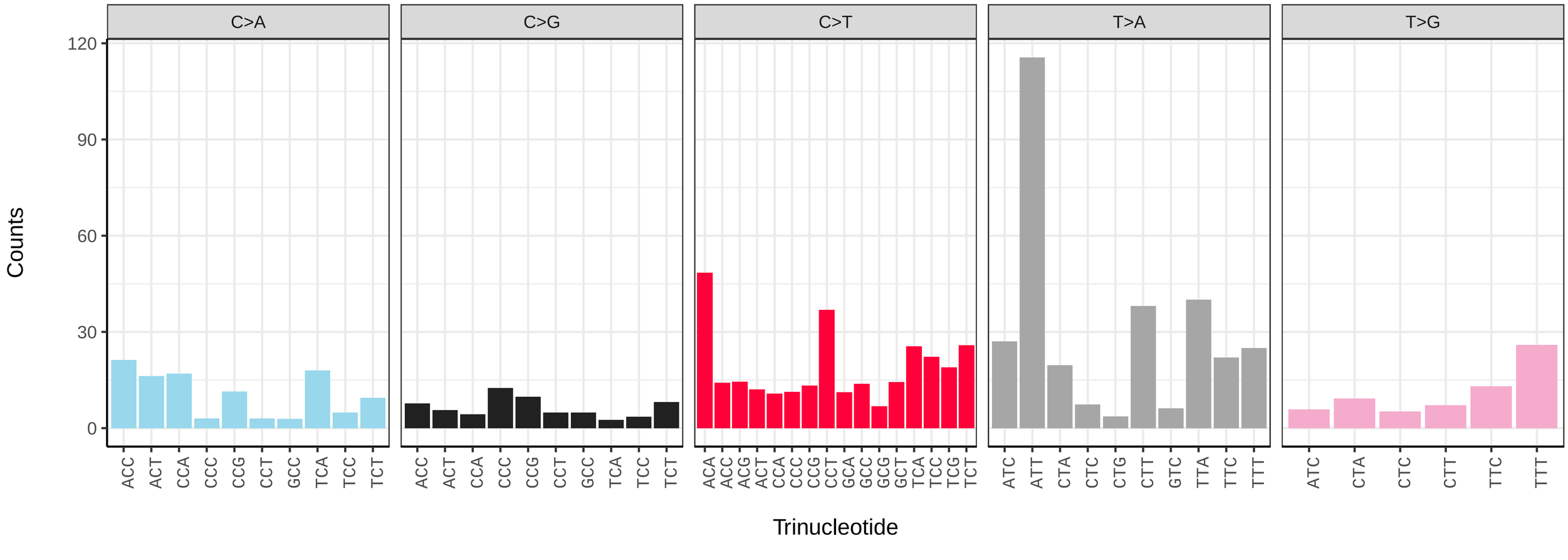
Habrosyne pyritoides (ilHabPyri1) germline mutational spectrum



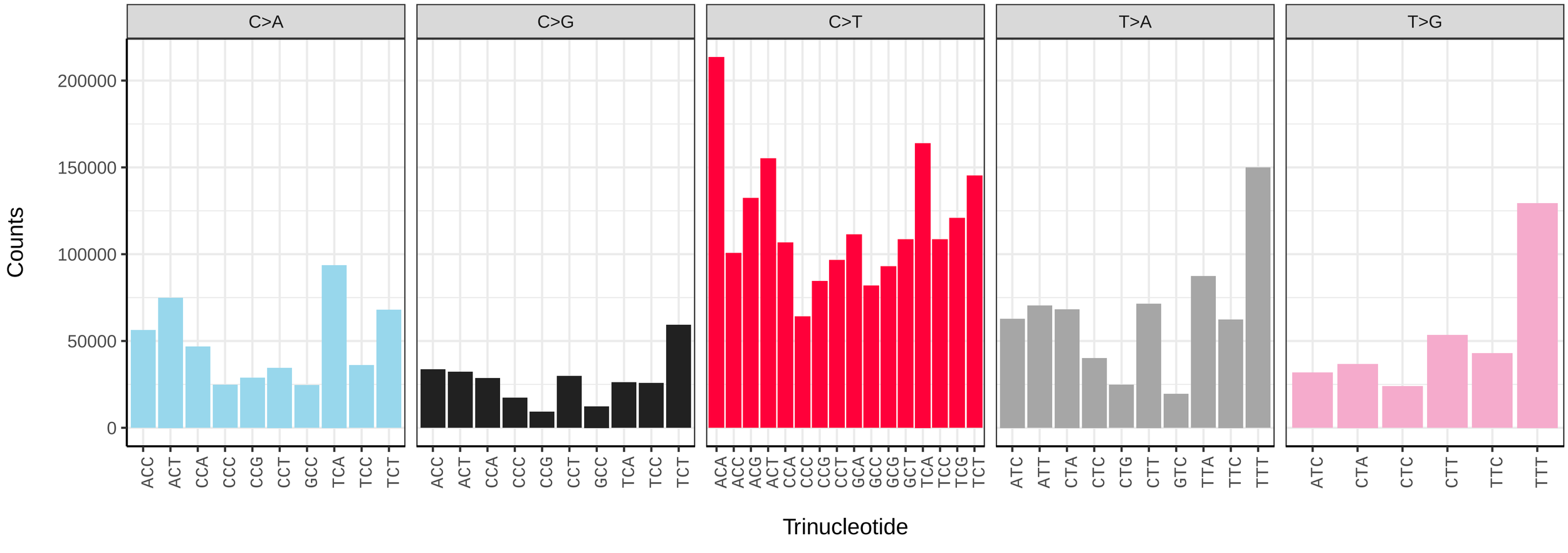
Habrosyne pyritoides (ilHabPyri1) somatic mutational spectrum (SBS96 classification)



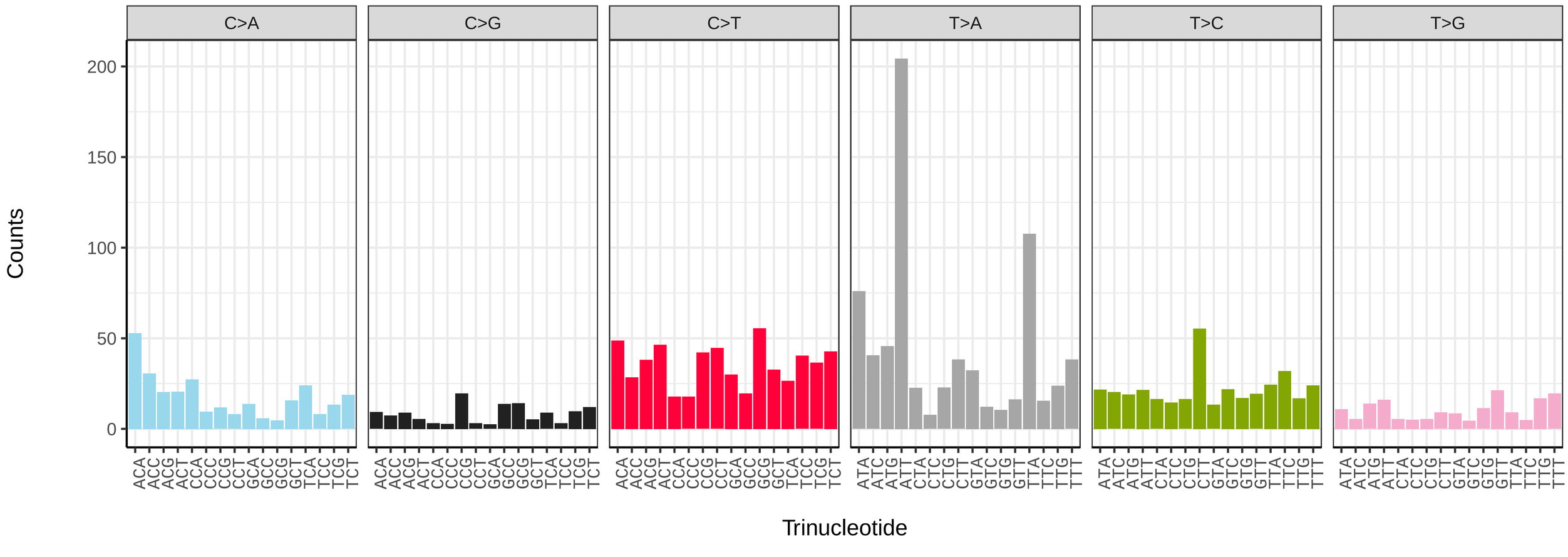
Habrosyne pyritoides (ilHabPyri1) somatic mutational spectrum (SBS52 classification)



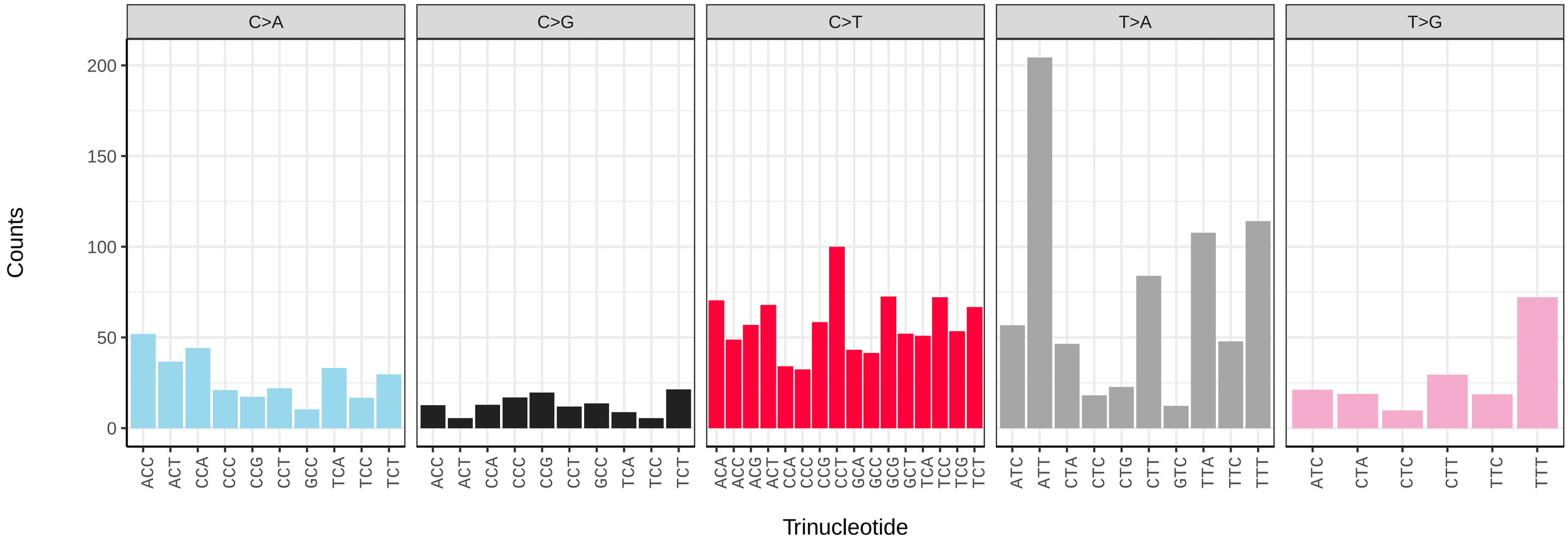
Hecatera dysodea (ilHecDyso1) germline mutational spectrum



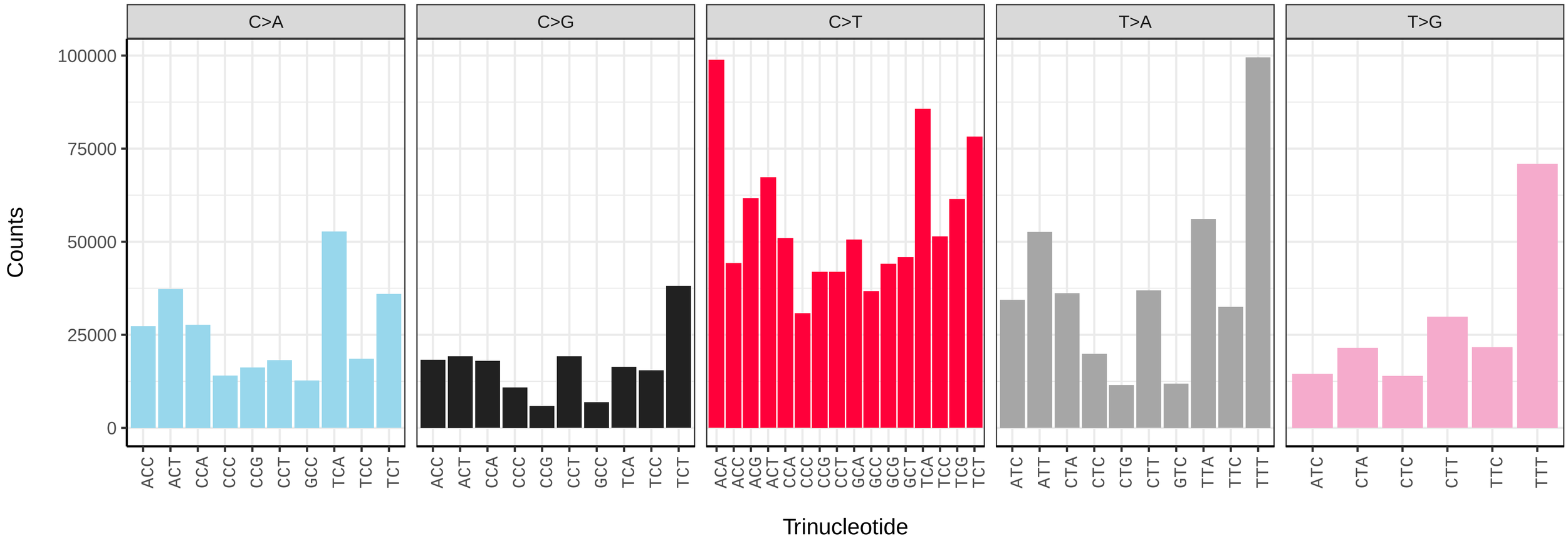
Hecatera dysodea (ilHecDyso1) somatic mutational spectrum (SBS96 classification)



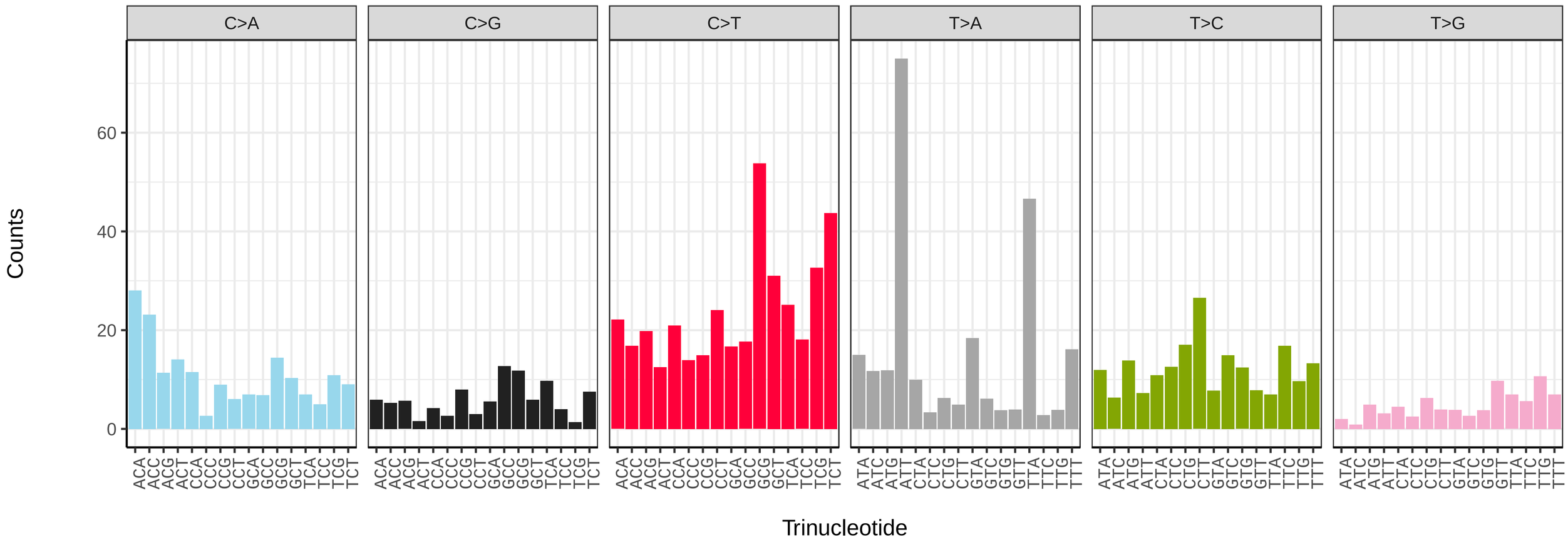
Hecatera dysodea (ilHecDyso1) somatic mutational spectrum (SBS52 classification)



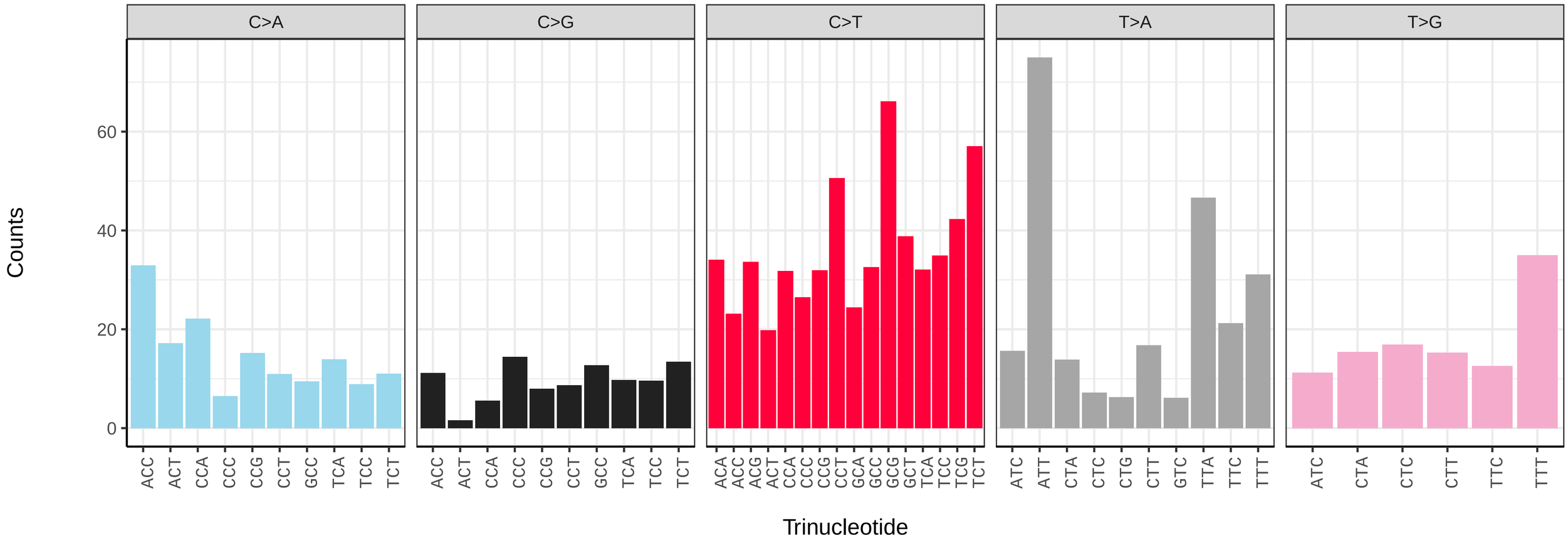
Hedya salicella (ilHedSali1) germline mutational spectrum



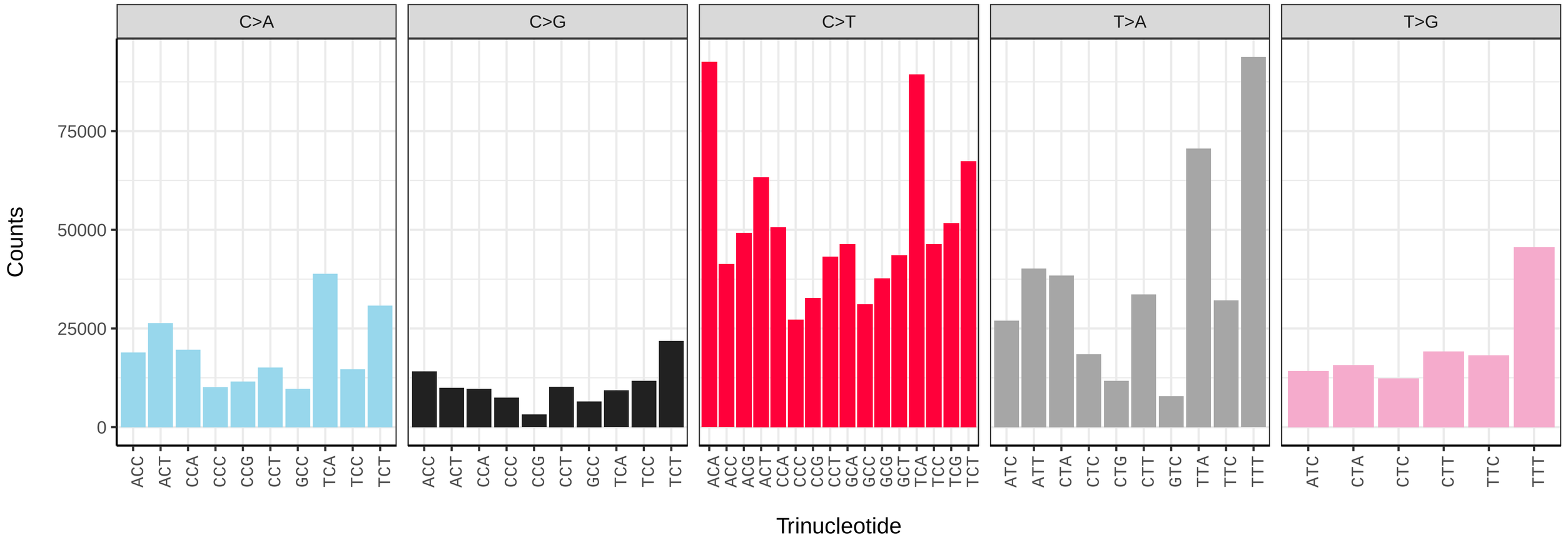
Hedya salicella (ilHedSali1) somatic mutational spectrum (SBS96 classification)



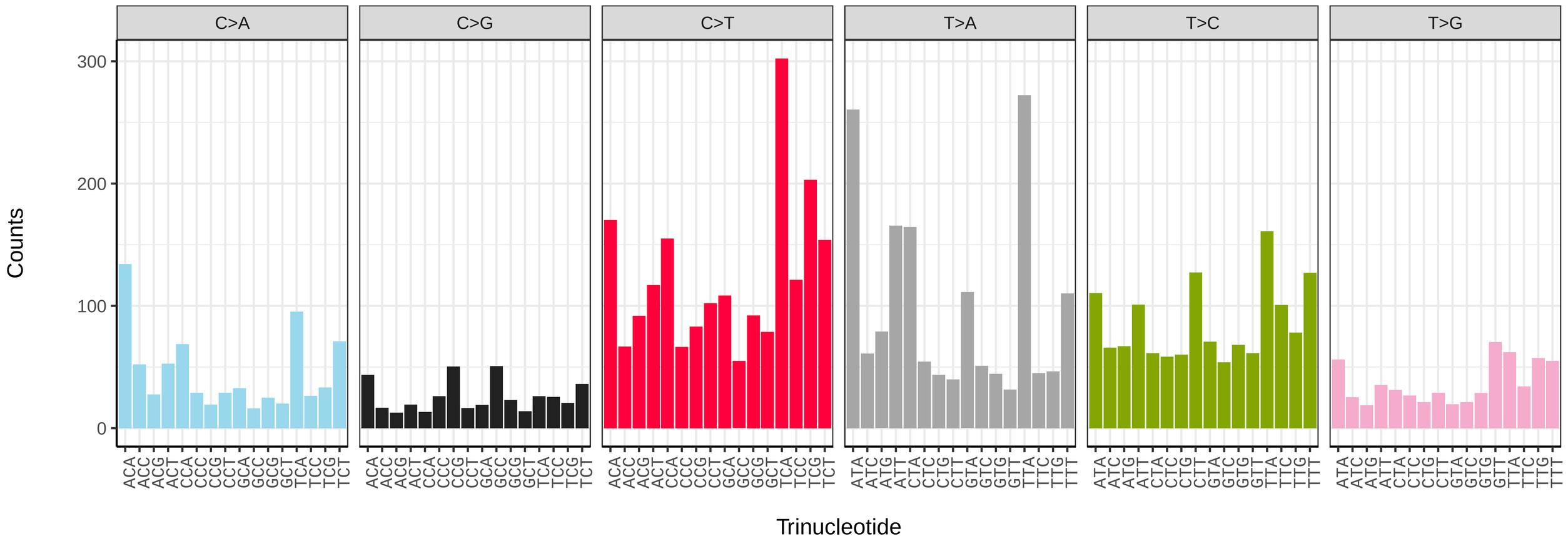
Hedya salicella (ilHedSali1) somatic mutational spectrum (SBS52 classification)



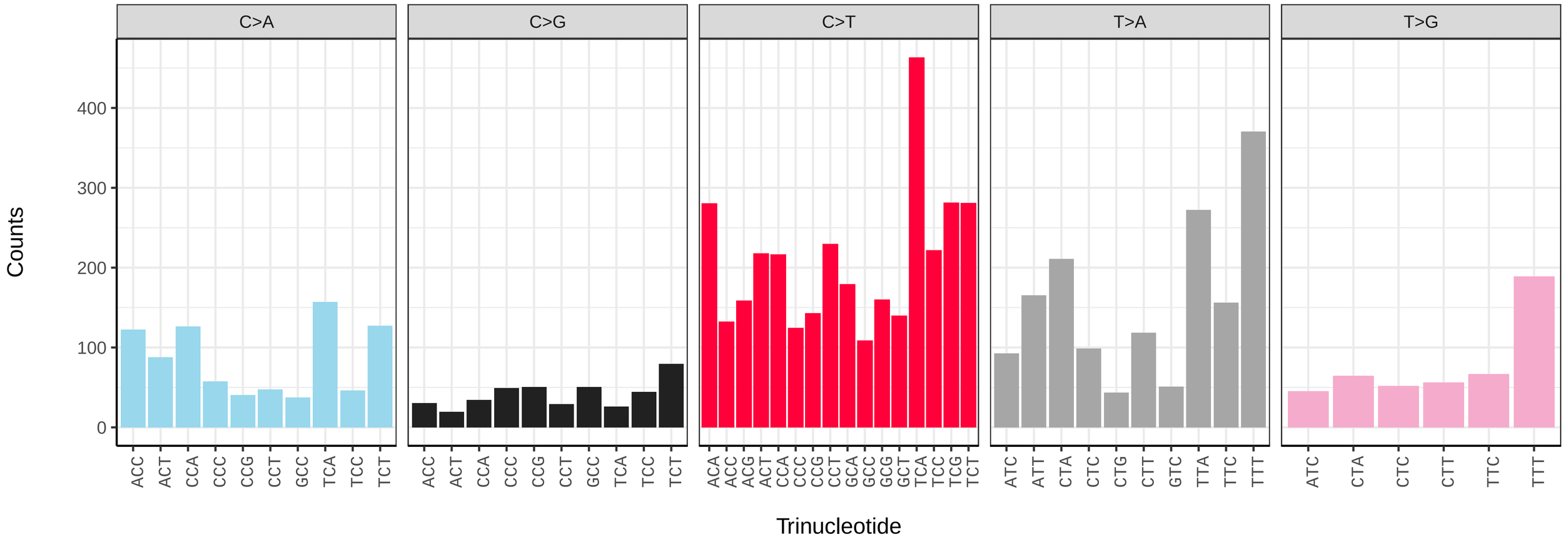
Hemithea aestivaria (ilHemAest2) germline mutational spectrum



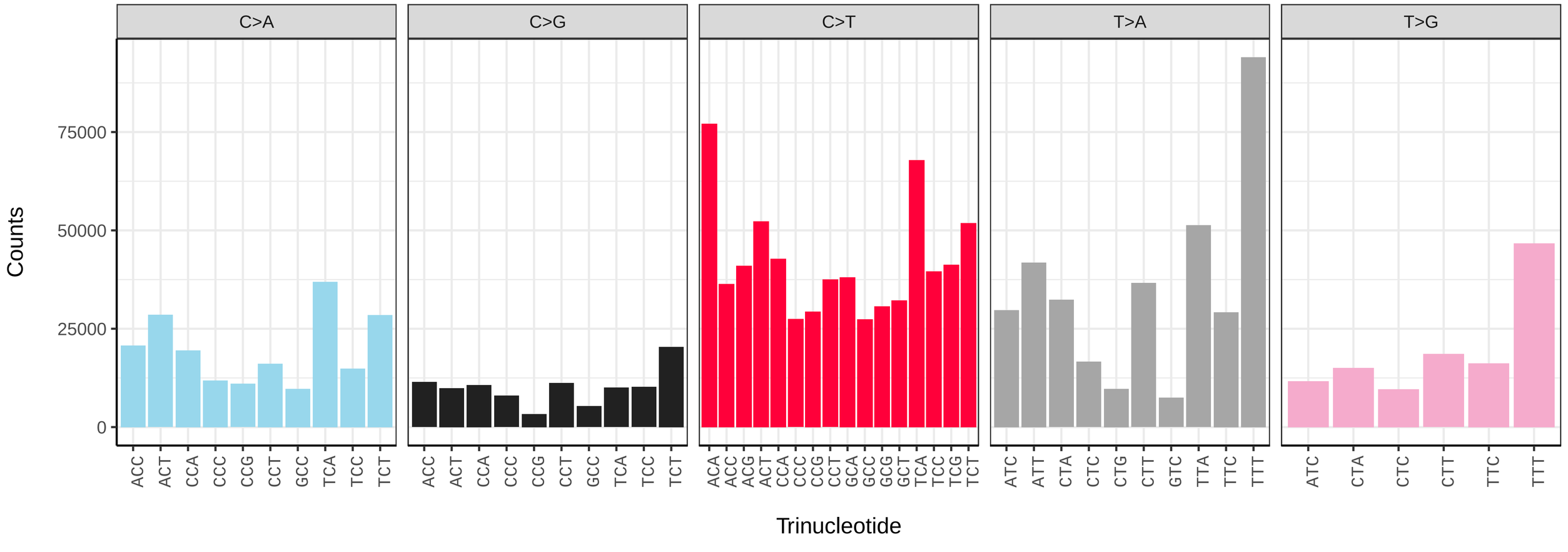
Hemithea aestivaria (ilHemAest2) somatic mutational spectrum (SBS96 classification)



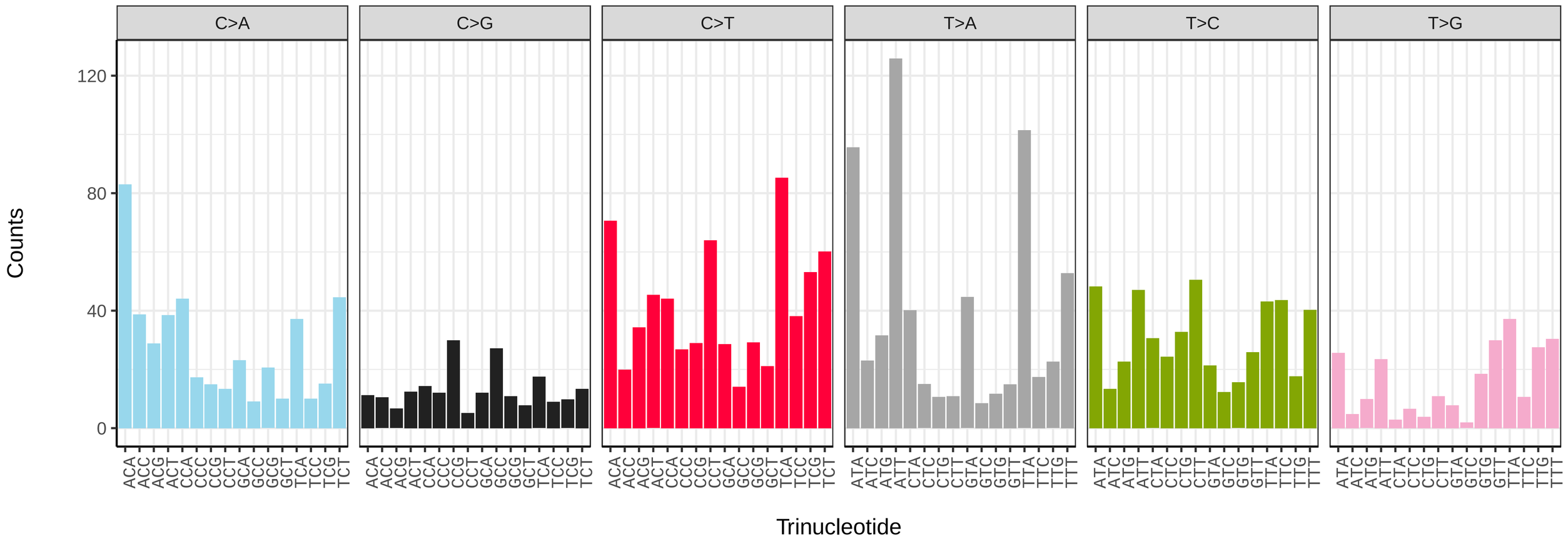
Hemithea aestivaria (ilHemAest2) somatic mutational spectrum (SBS52 classification)



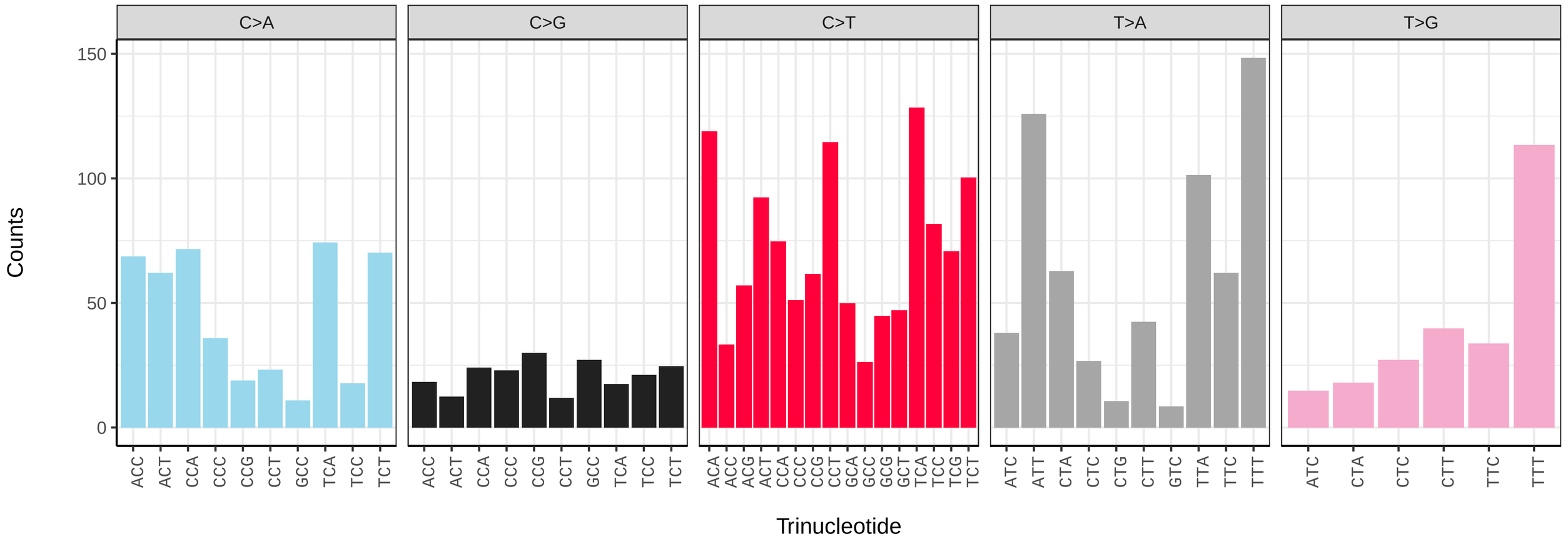
Hemistola chrysoprasaria (ilHemChry1) germline mutational spectrum



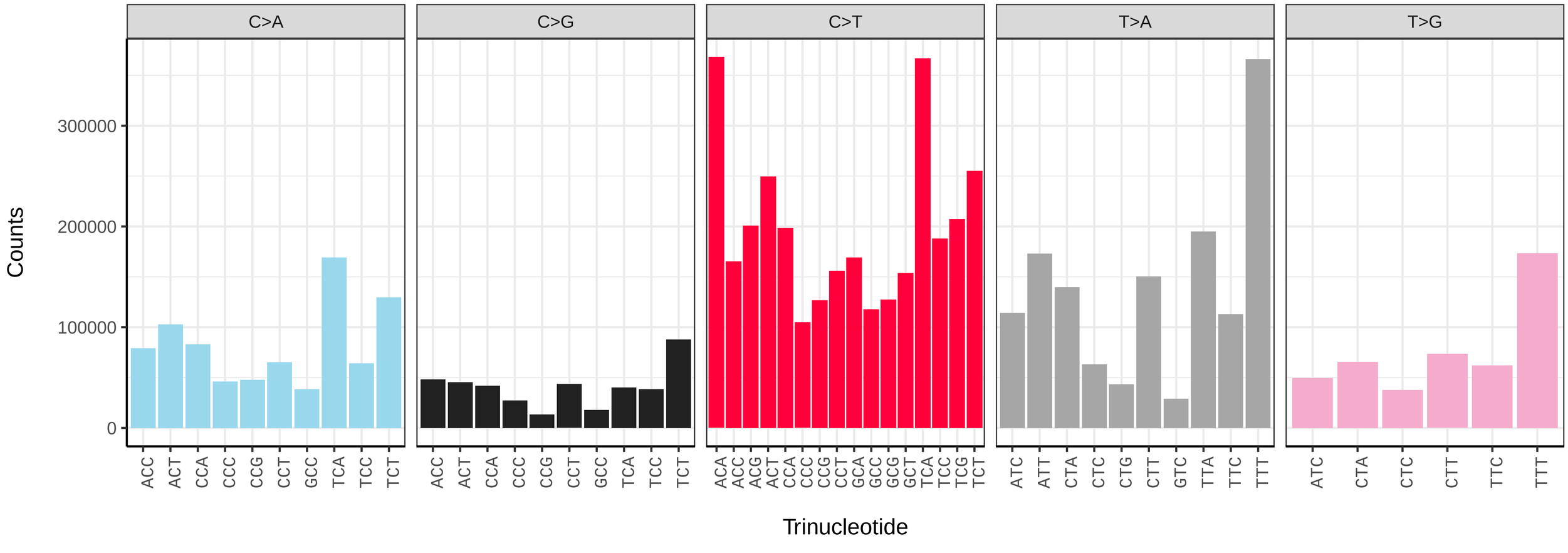
Hemistola chrysoprasaria (ilHemChry1) somatic mutational spectrum (SBS96 classification)



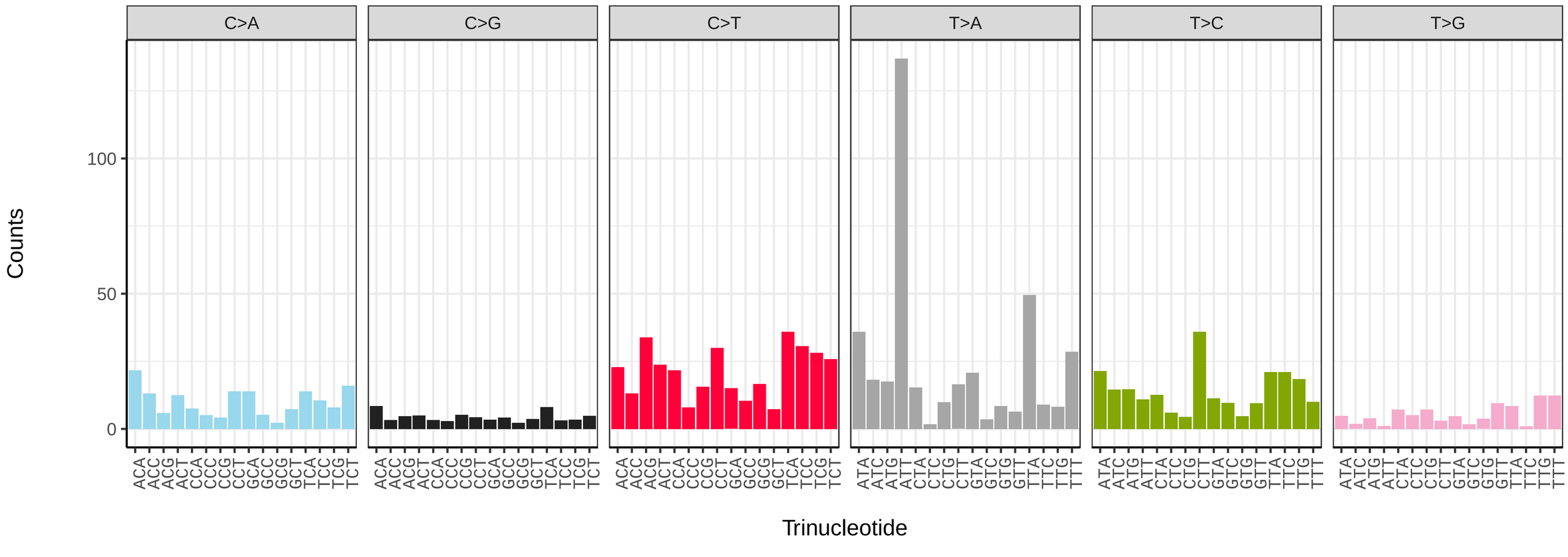
Hemistola chrysoprasaria (ilHemChry1) somatic mutational spectrum (SBS52 classification)



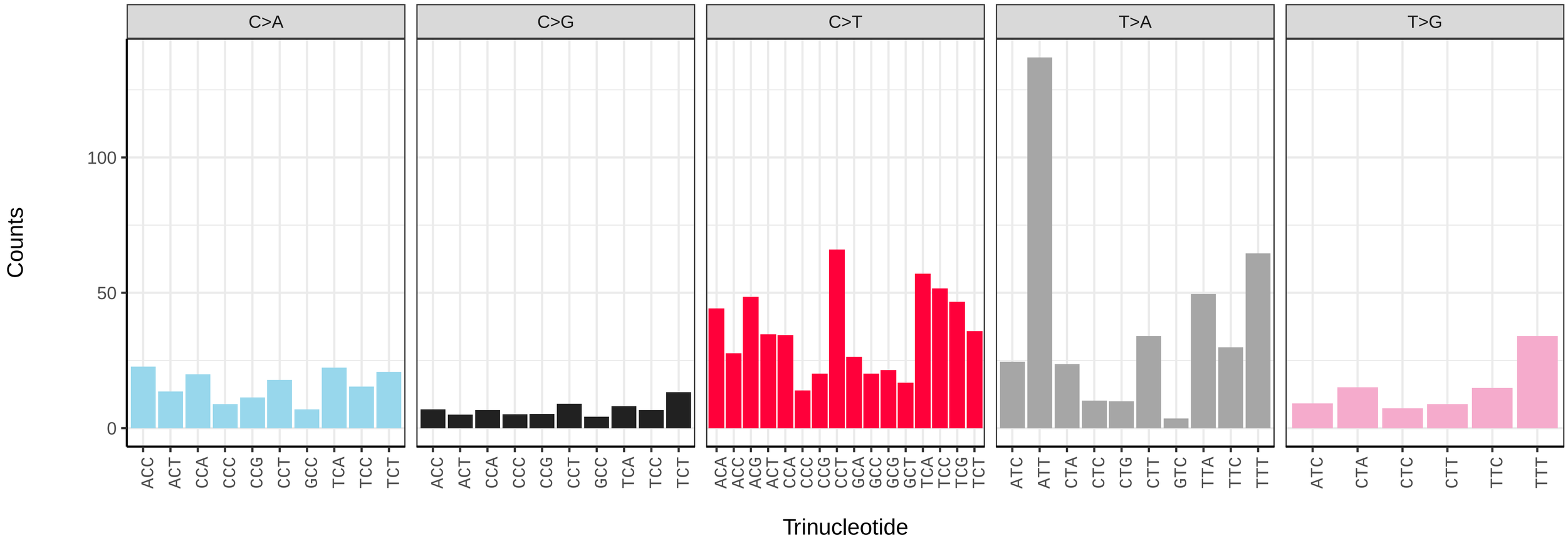
Herminia tarsipennalis (ilHerTari1) germline mutational spectrum



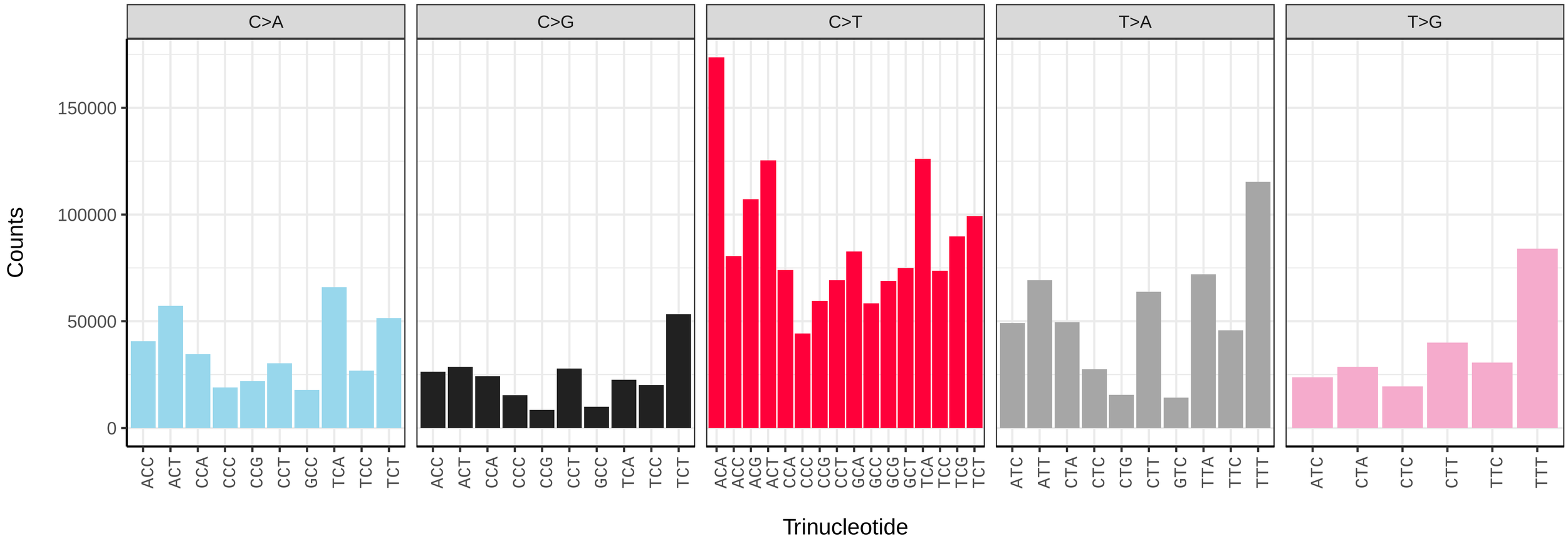
Herminia tarsipennalis (ilHerTari1) somatic mutational spectrum (SBS96 classification)



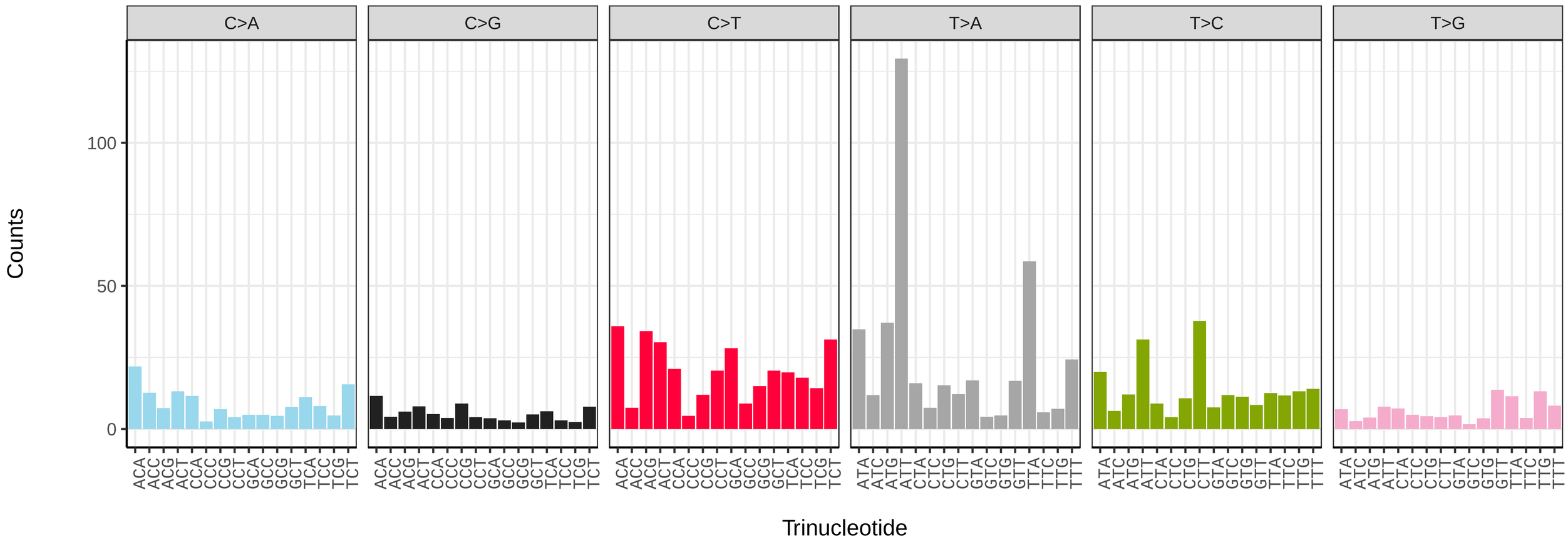
Herminia tarsipennalis (ilHerTari1) somatic mutational spectrum (SBS52 classification)



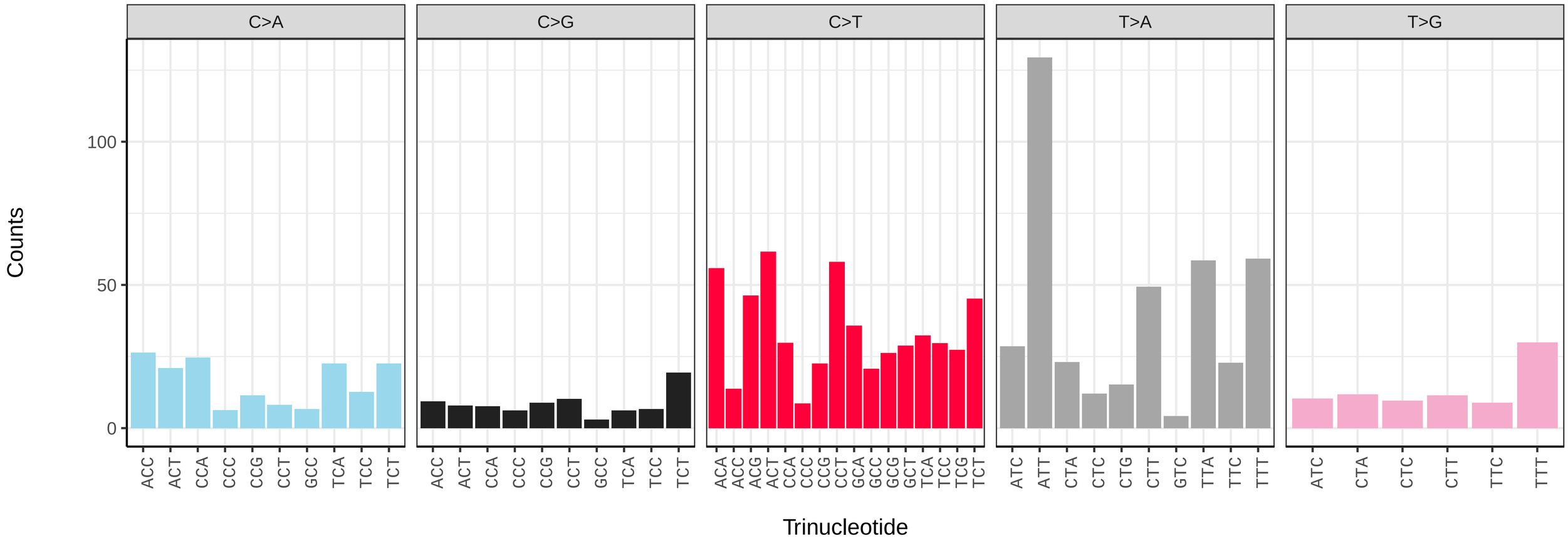
Hesperia comma (ilHesComm1) germline mutational spectrum



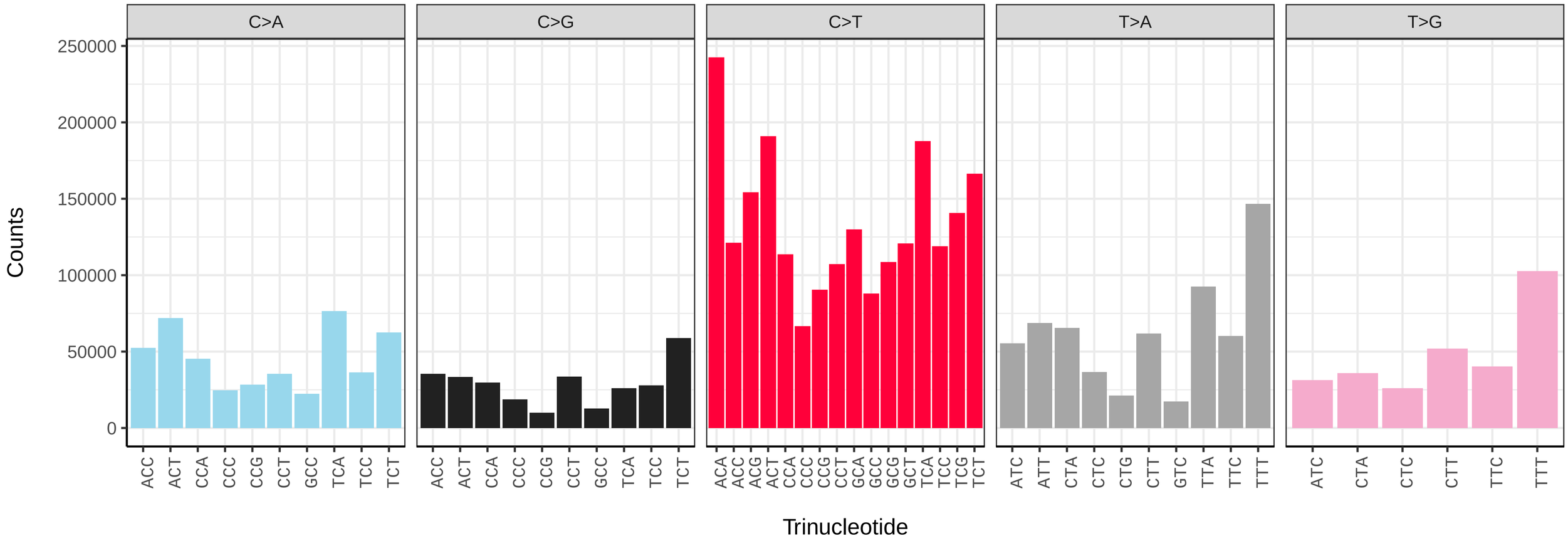
Hesperia comma (ilHesComm1) somatic mutational spectrum (SBS96 classification)



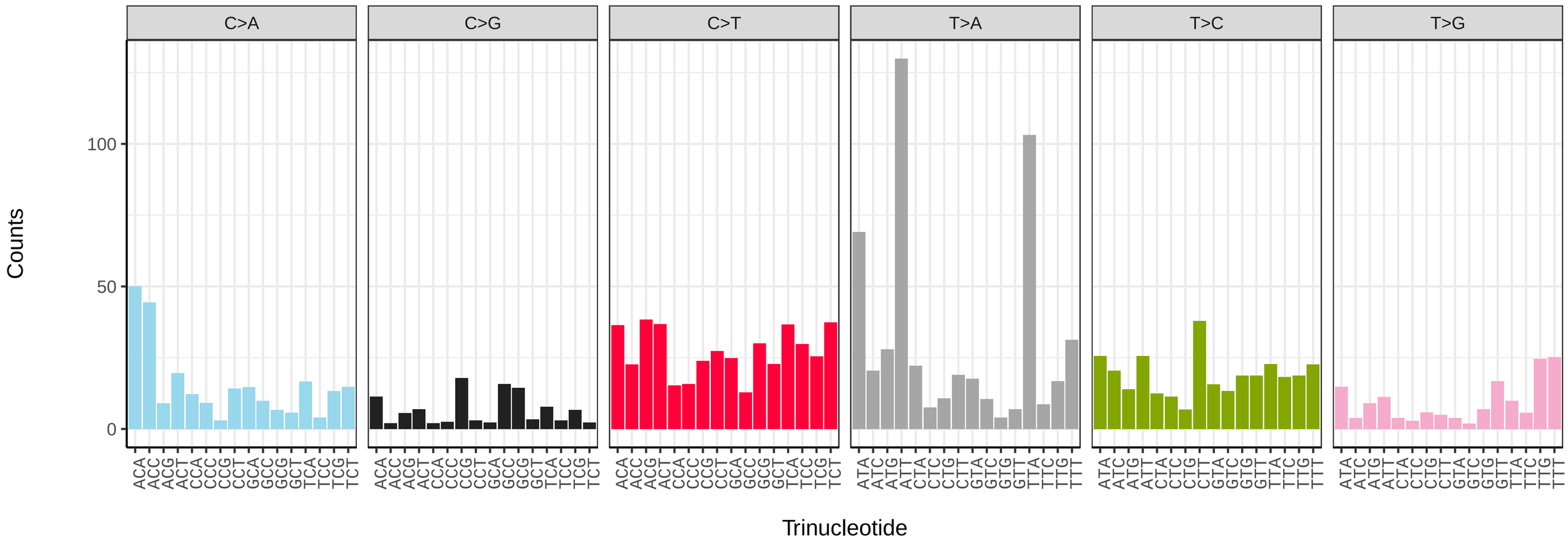
Hesperia comma (ilHesComm1) somatic mutational spectrum (SBS52 classification)



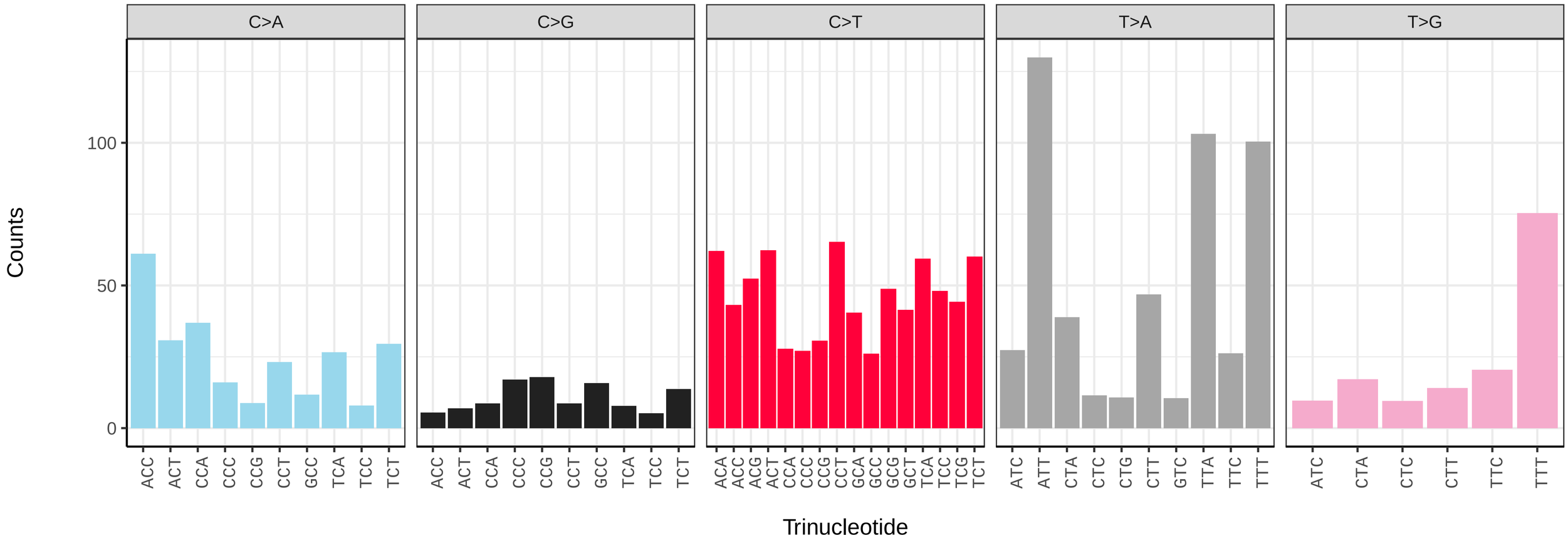
Hipparchia semele (ilHipSeme1) germline mutational spectrum



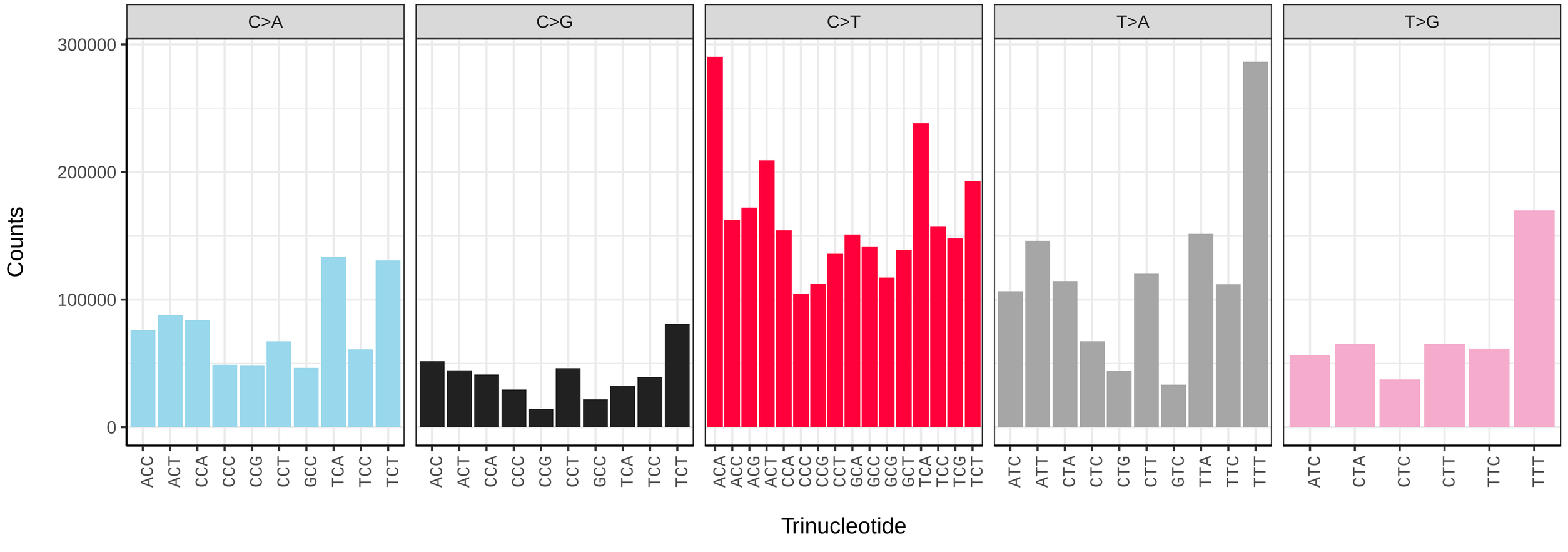
Hipparchia semele (ilHipSeme1) somatic mutational spectrum (SBS96 classification)



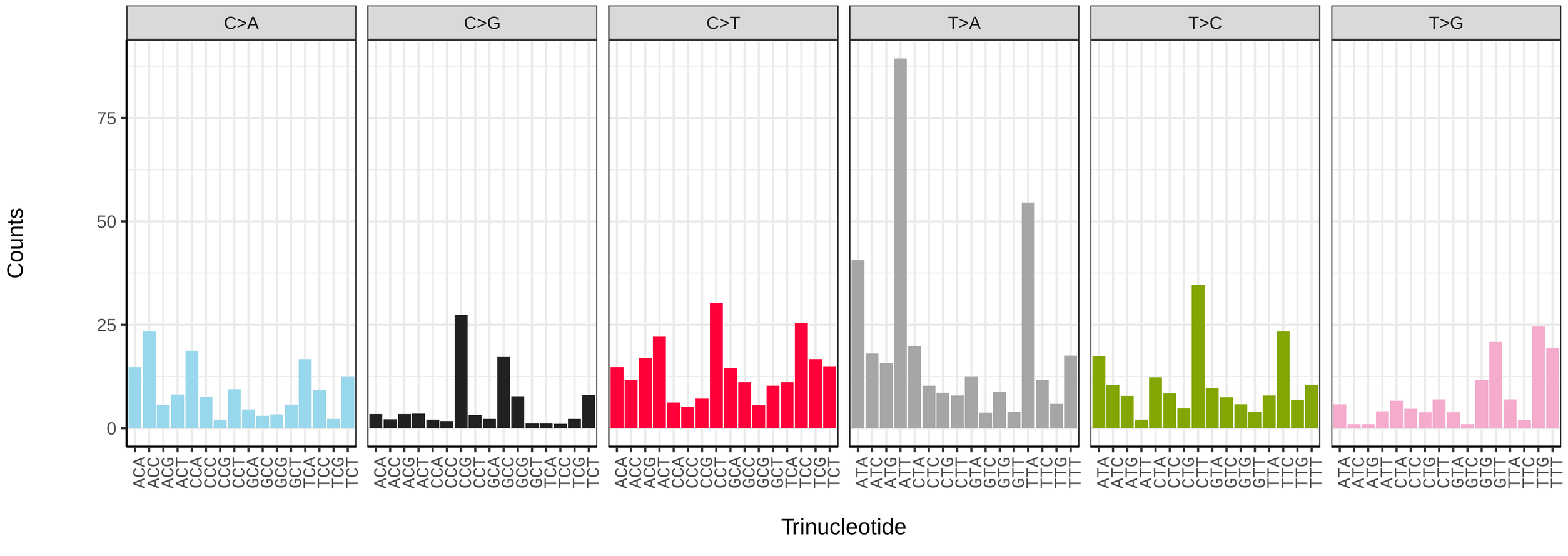
Hipparchia semele (ilHipSeme1) somatic mutational spectrum (SBS52 classification)



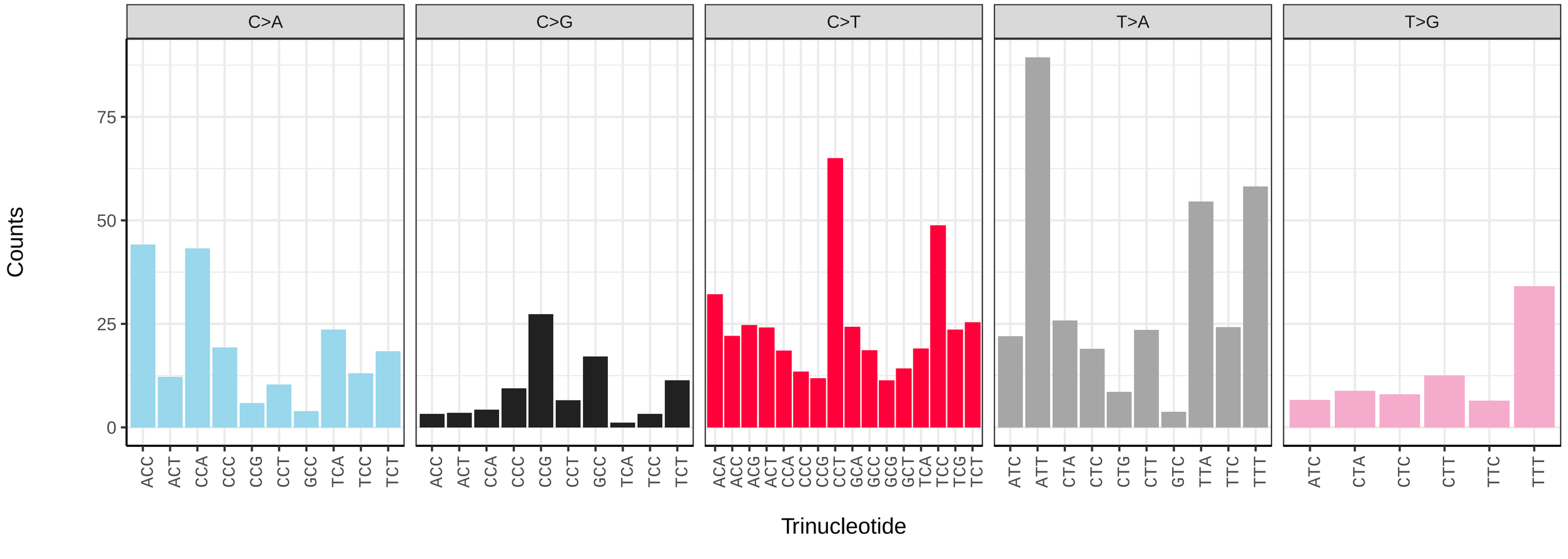
Hofmannophila pseudospretella (ilHofPseu3) germline mutational spectrum



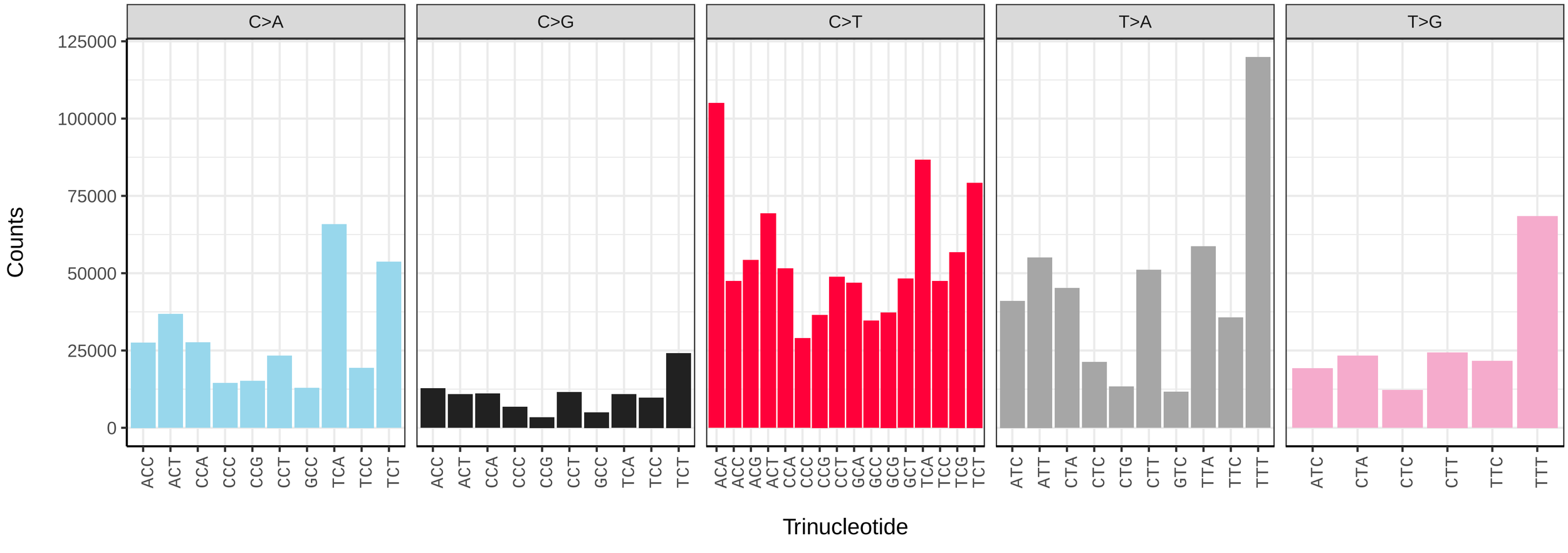
Hofmannophila pseudospretella (ilHofPseu3) somatic mutational spectrum (SBS96 classification)



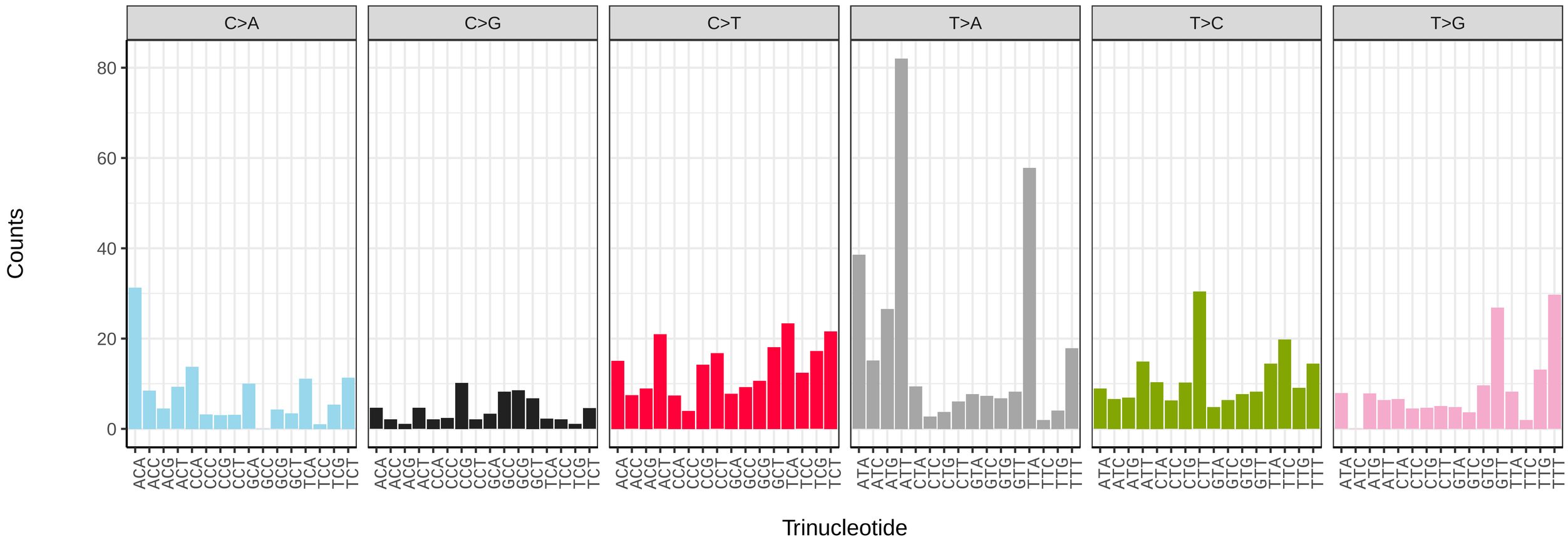
Hofmannophila pseudospretella (ilHofPseu3) somatic mutational spectrum (SBS52 classification)



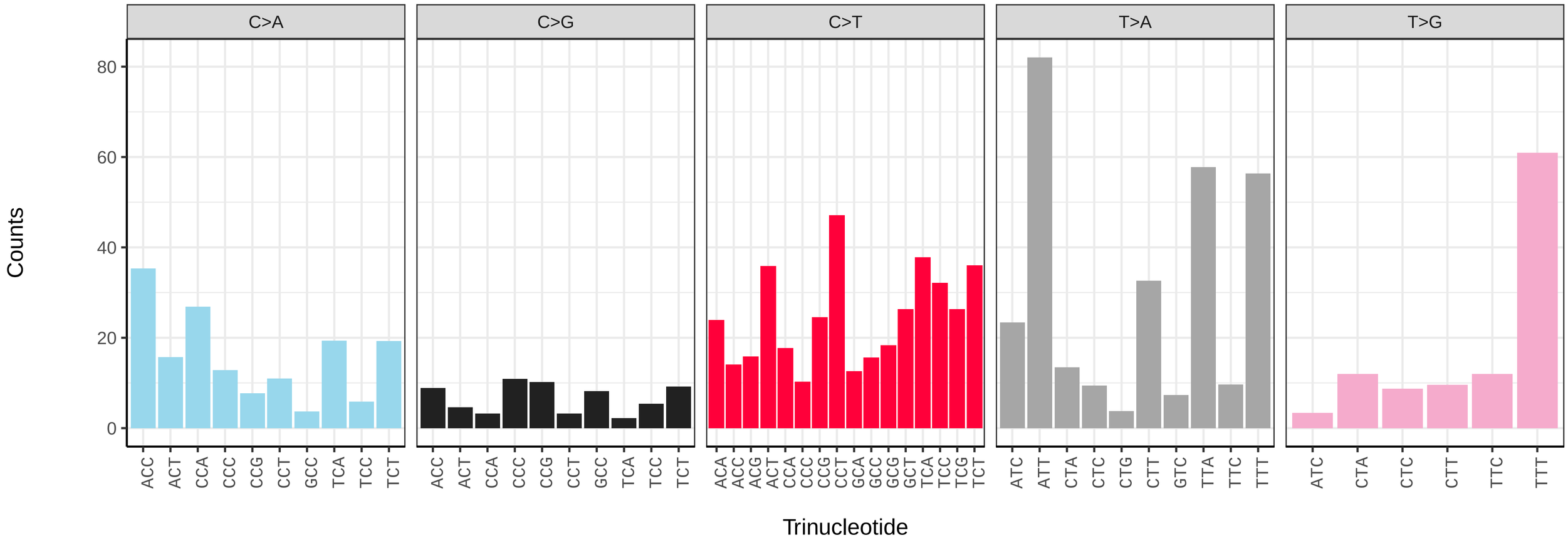
Hydriomena furcata (ilHydFurc1) germline mutational spectrum



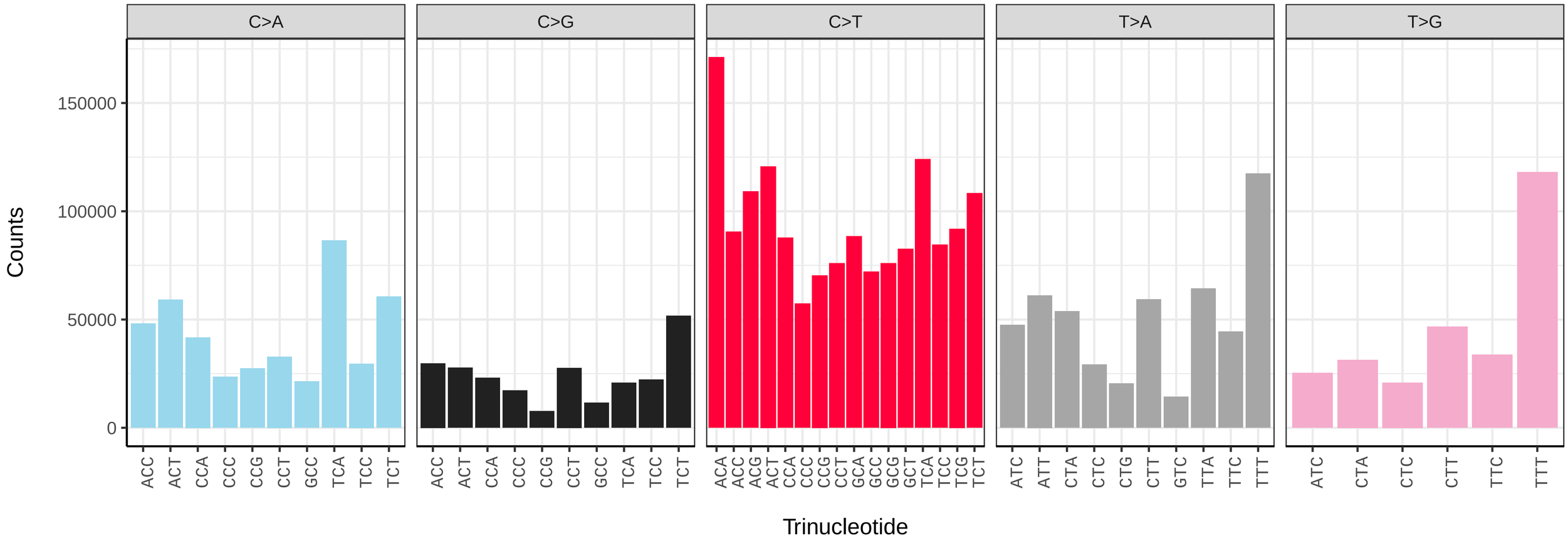
Hydriomena furcata (ilHydFurc1) somatic mutational spectrum (SBS96 classification)



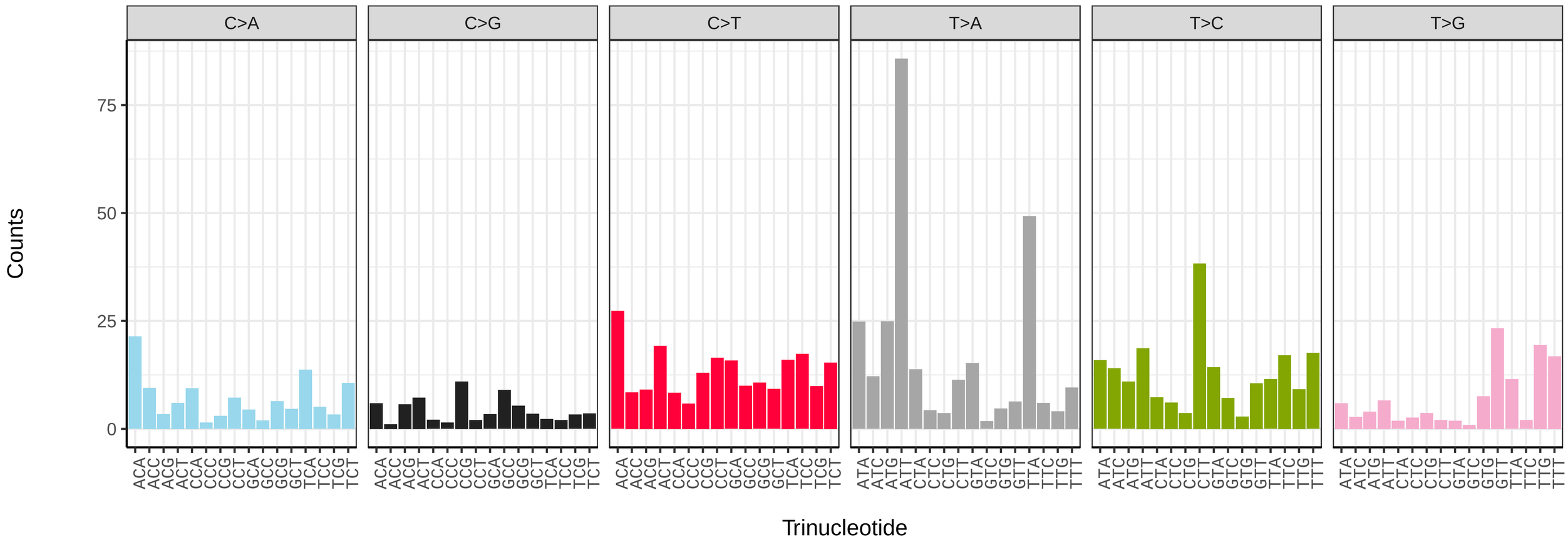
Hydriomena furcata (ilHydFurc1) somatic mutational spectrum (SBS52 classification)



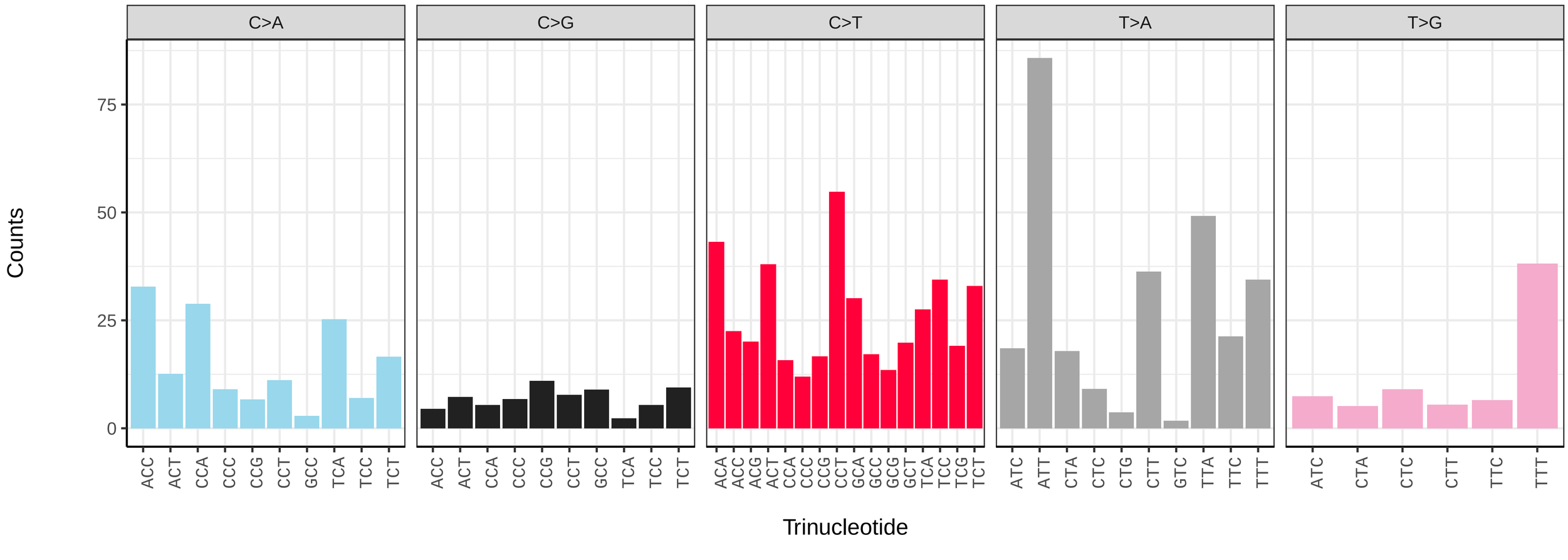
Hydraecia micacea (ilHydMica1) germline mutational spectrum

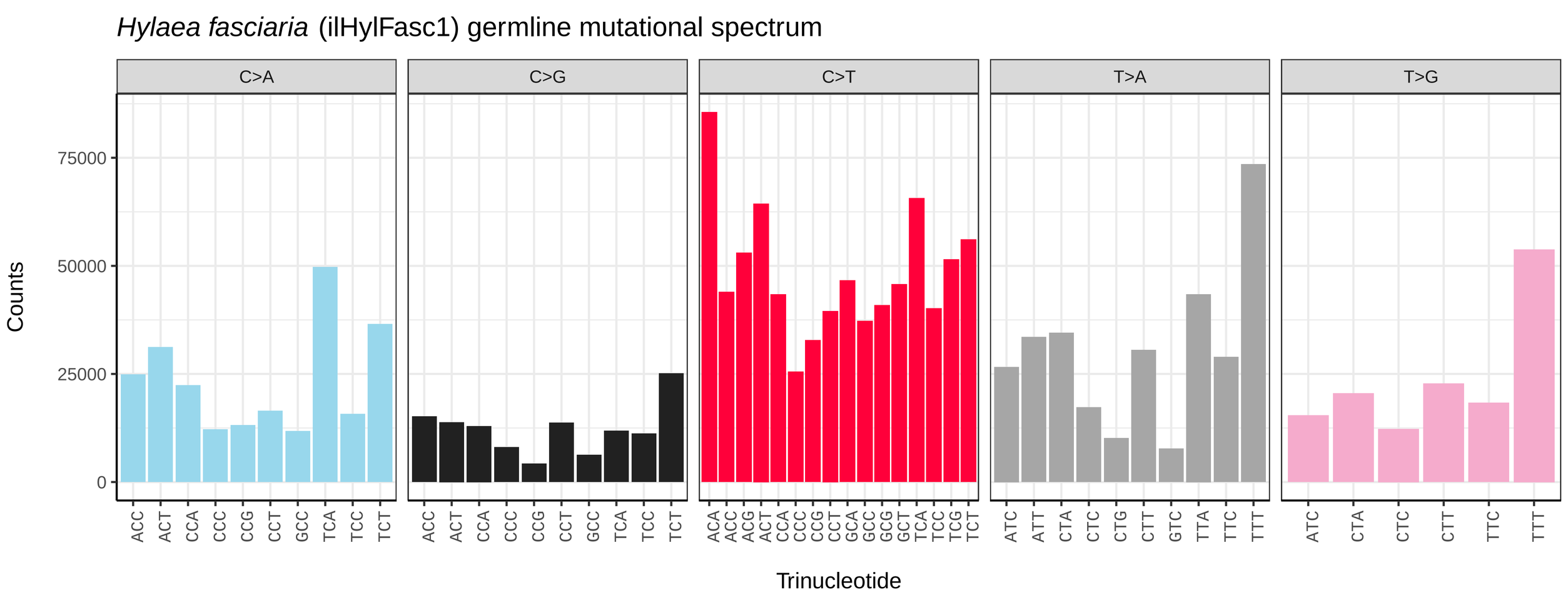


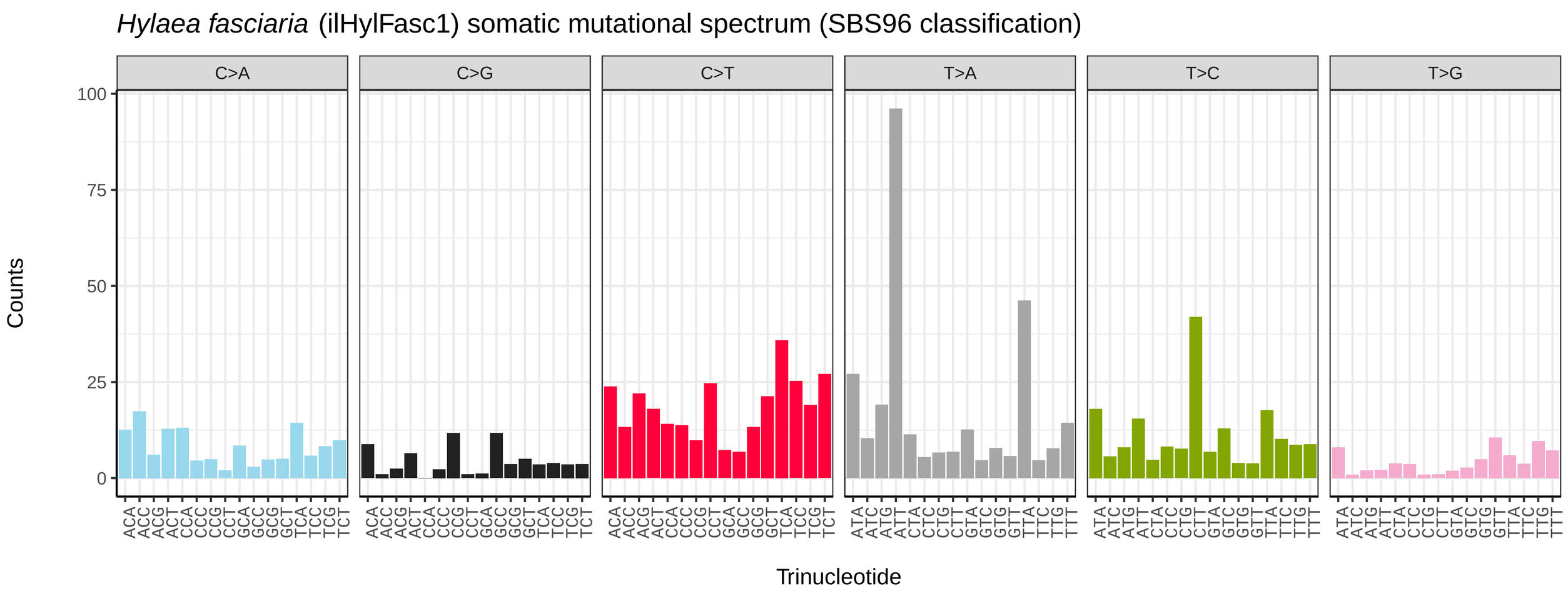
Hydraecia micacea (ilHydMica1) somatic mutational spectrum (SBS96 classification)

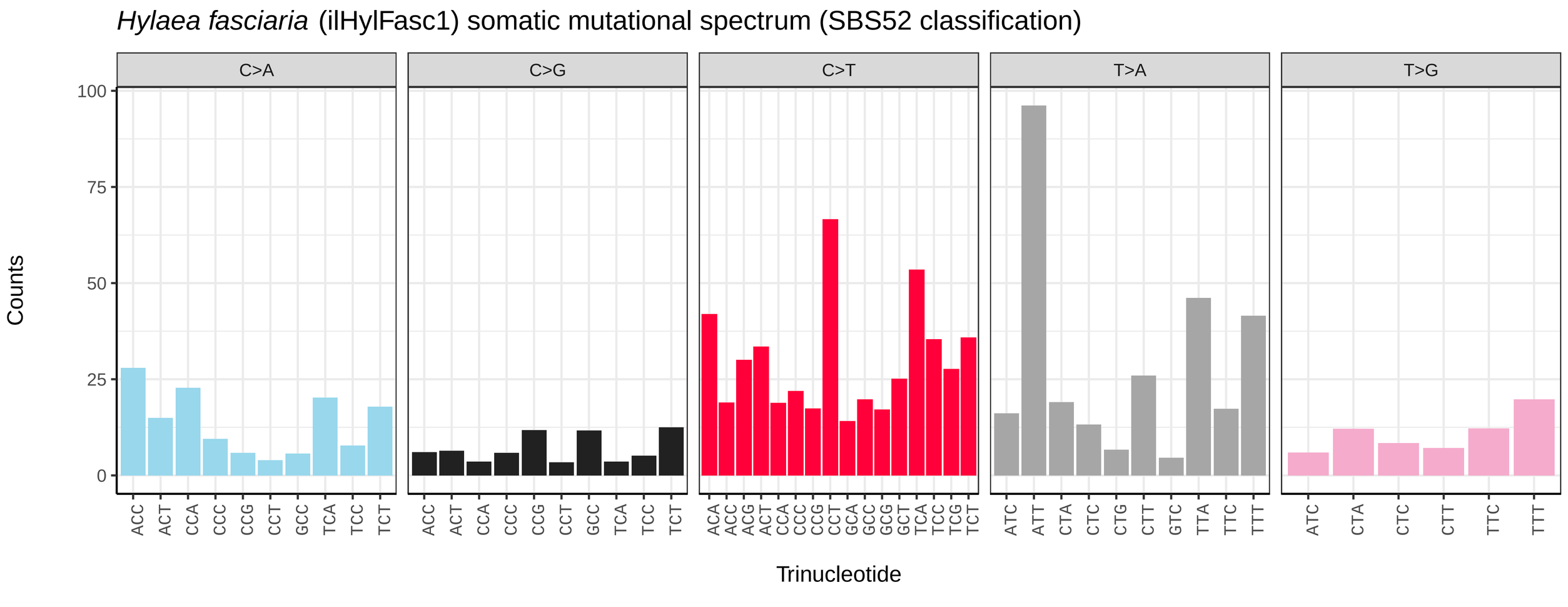


Hydraecia micacea (ilHydMica1) somatic mutational spectrum (SBS52 classification)

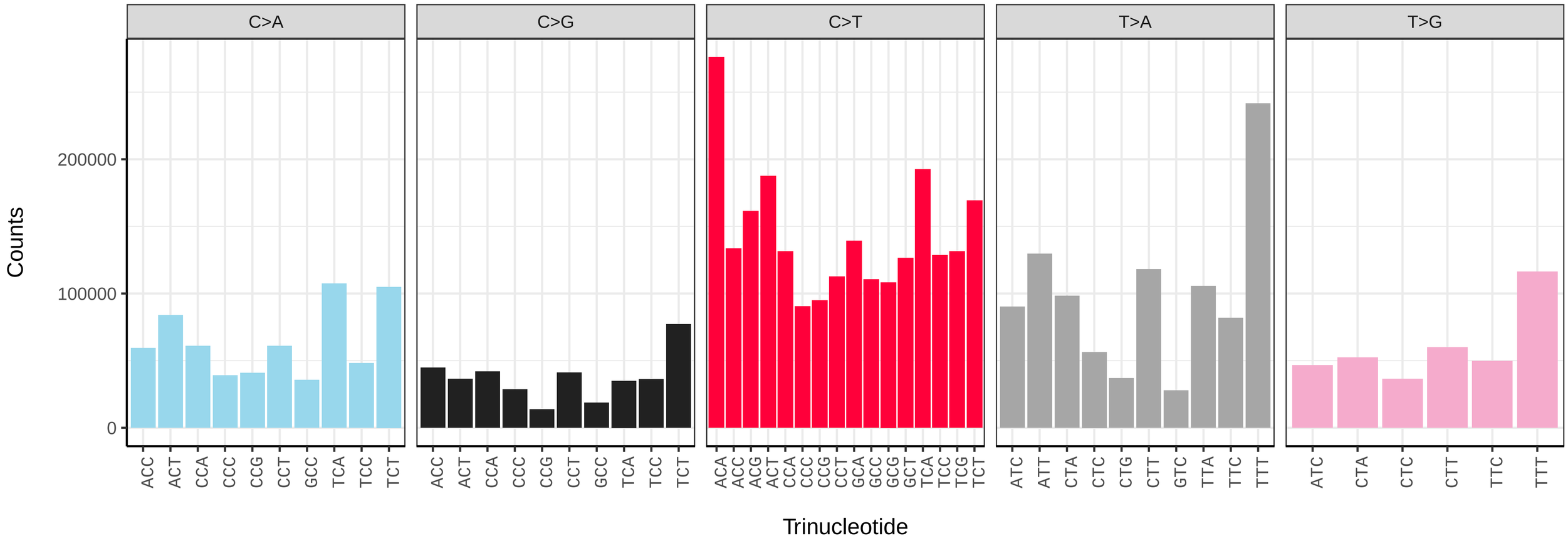



Hylaea fasciaria (ilHylFasc1) germline mutational spectrum
C>A
C>G
C>T
T>A
T>G
Counts
75000
50000
25000
0
ACC ACT CCA CCC CCG CCT GCC TCA TCC TCT
ACC ACT CCA CCC CCG CCT GCC TCA TCC TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATC ATT CTA CTC CTG CTT GTC TTA TTC TTT
ATC CTA CTC CTT TTC TTT
Trinucleotide

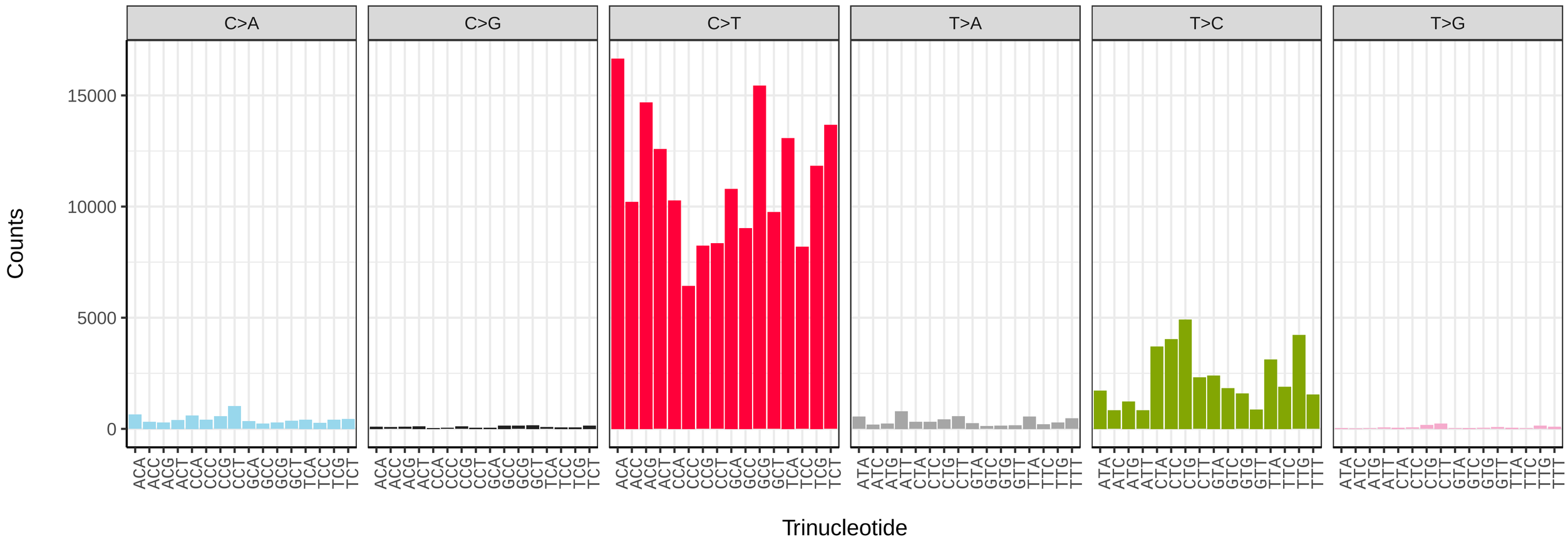

Hylaea fasciaria (ilHylFasc1) somatic mutational spectrum (SBS96 classification)
C>A
C>G
C>T
T>A
T>C
T>G
Counts
100
75
50
25
0
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
Trinucleotide


Hylaea fasciaria (ilHylFasc1) somatic mutational spectrum (SBS52 classification)
C>A
C>G
C>T
T>A
T>G
Counts
100
75
50
25
0
ACC ACT CCA CCC CCG CCT GCC TCA TCC TCT
ACC ACT CCA CCC CCG CCT GCC TCA TCC TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATC ATT CTA CTC CTG CTT GTC TTA TTC TTT
ATC CTA CTC CTT TTC TTT
Trinucleotide

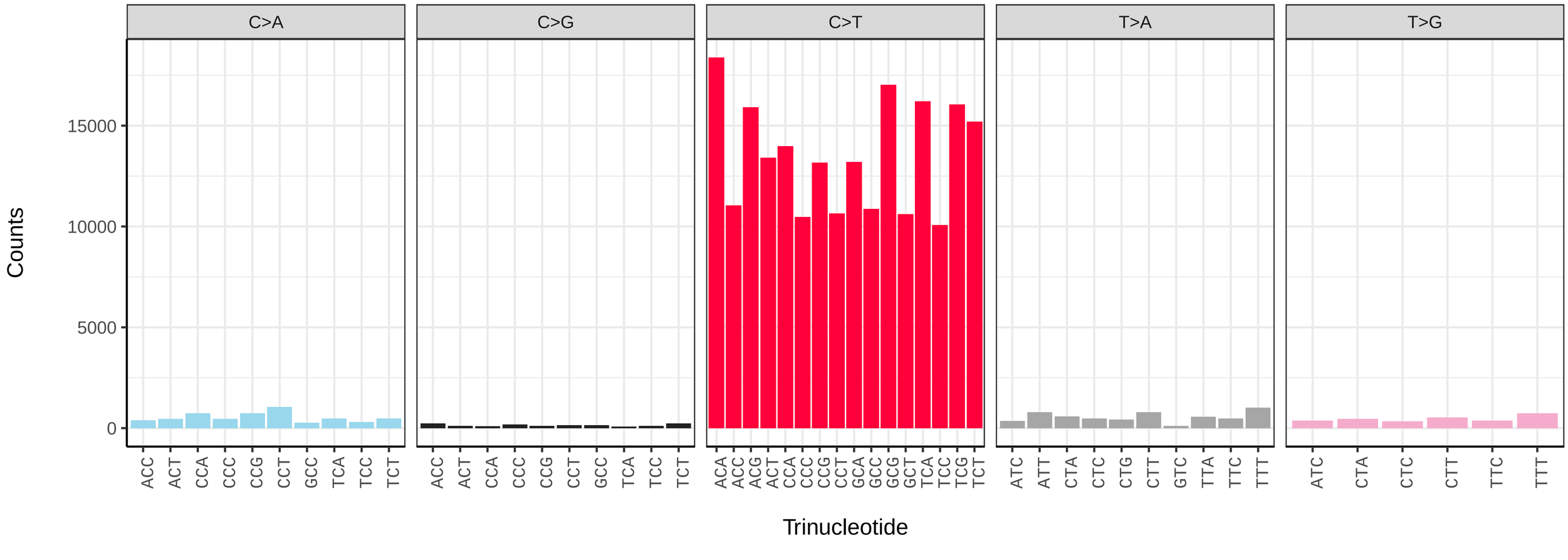
Hypsopygia costalis (ilHypCost1) germline mutational spectrum



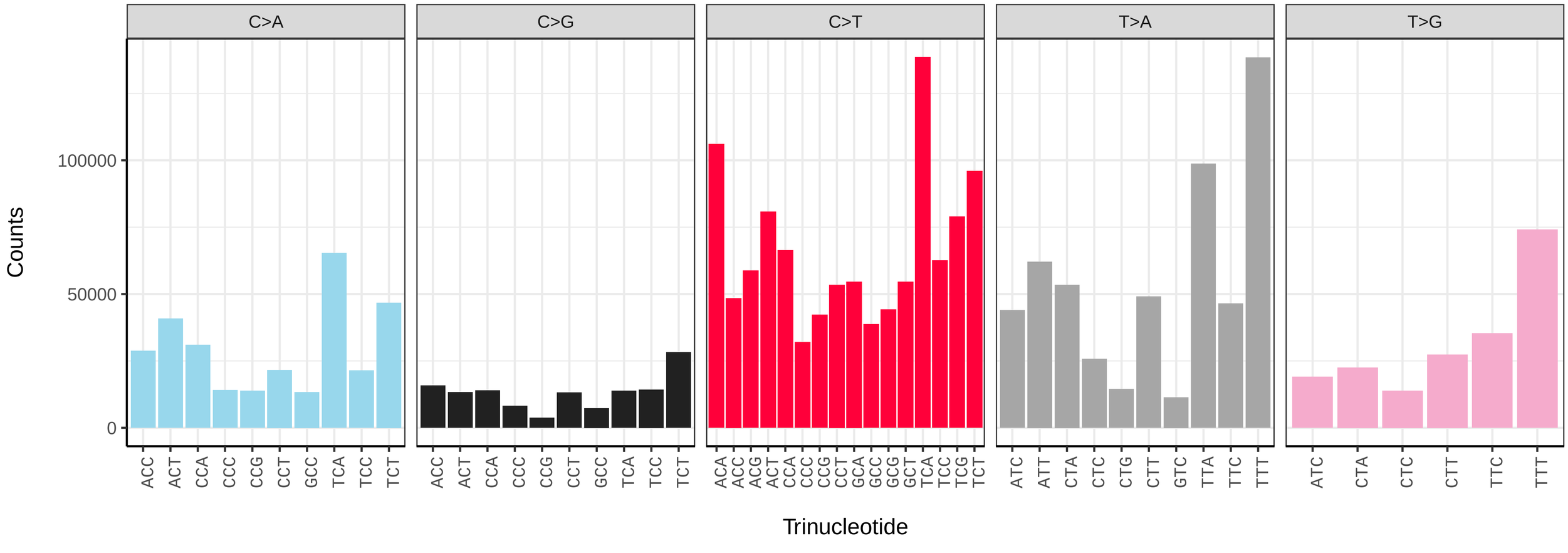
Hypsopygia costalis (ilHypCost1) somatic mutational spectrum (SBS96 classification)



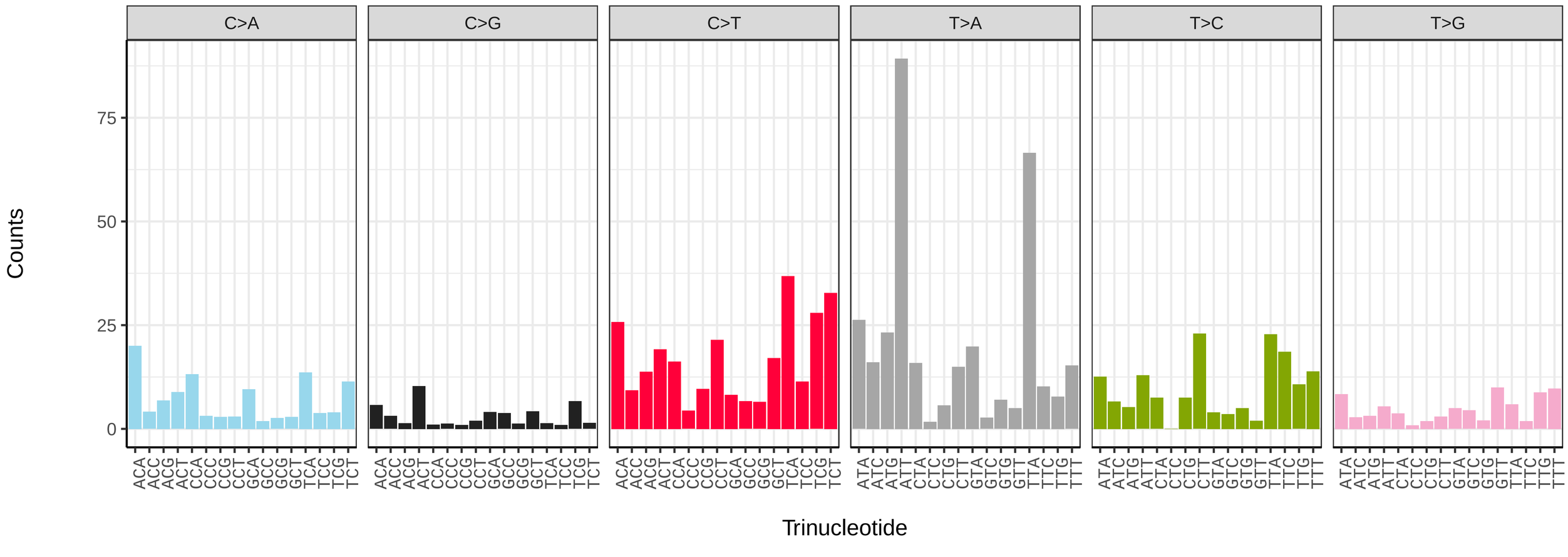
Hypsopygia costalis (ilHypCost1) somatic mutational spectrum (SBS52 classification)



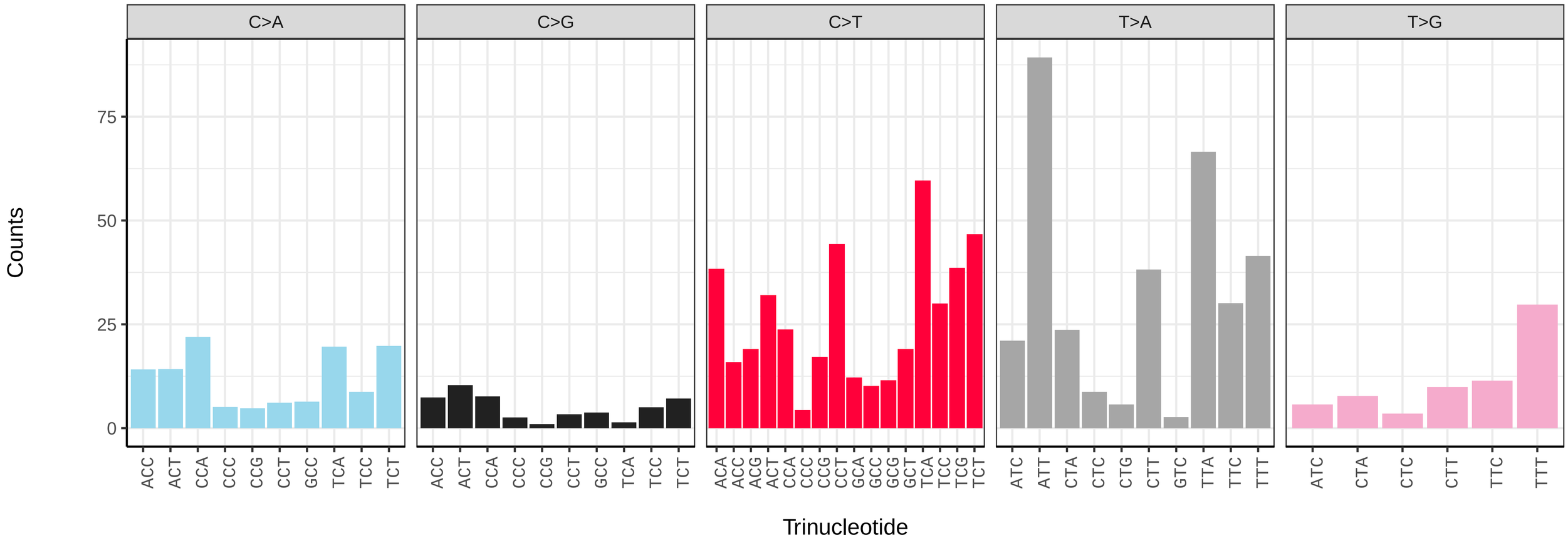
Hypena proboscidalis (ilHypProb1) germline mutational spectrum



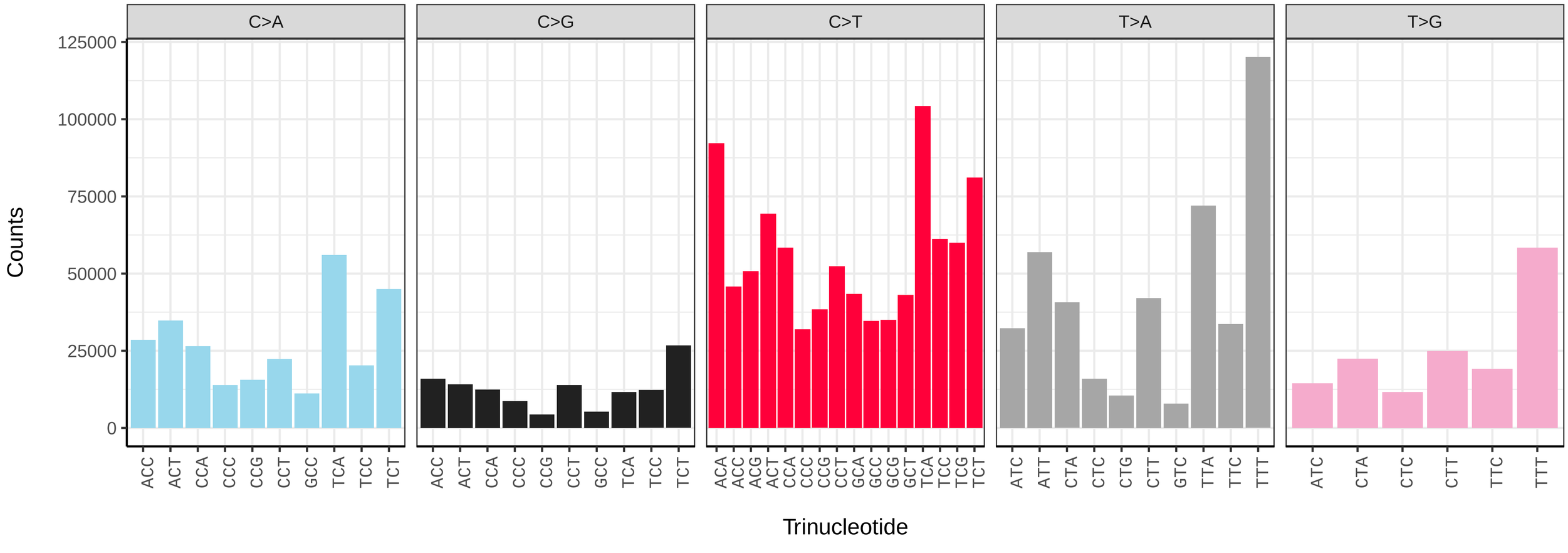
Hypena proboscidalis (ilHypProb1) somatic mutational spectrum (SBS96 classification)



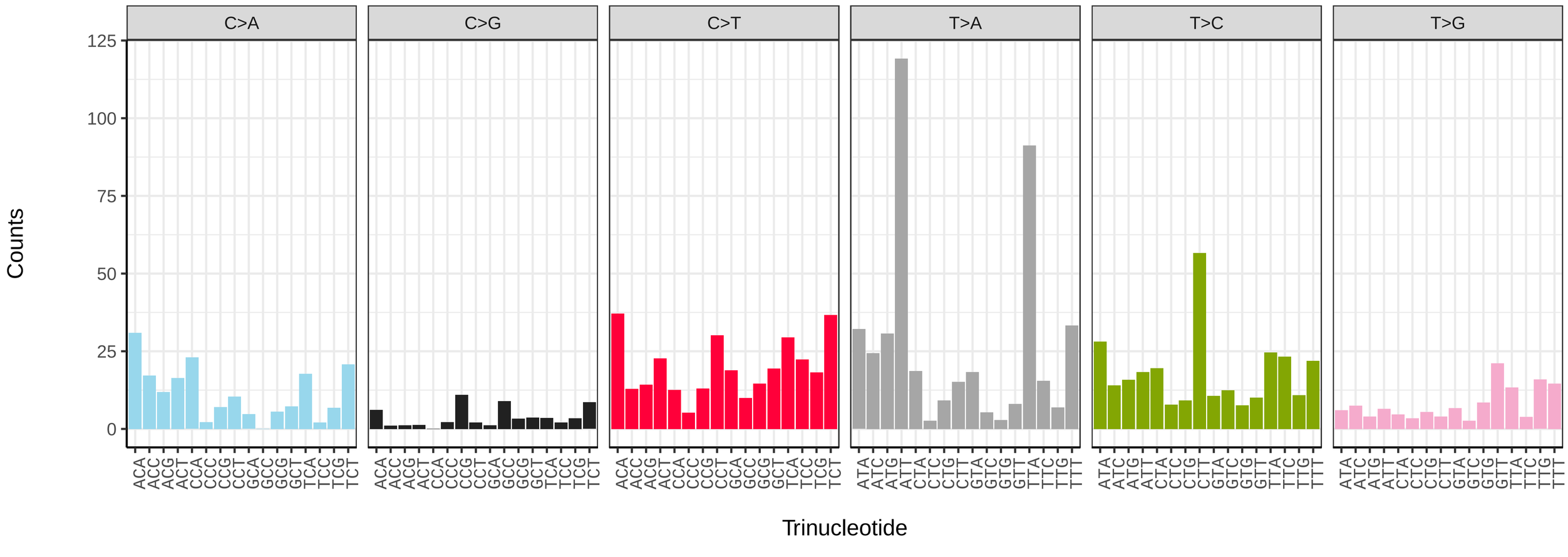
Hypena proboscidalis (ilHypProb1) somatic mutational spectrum (SBS52 classification)



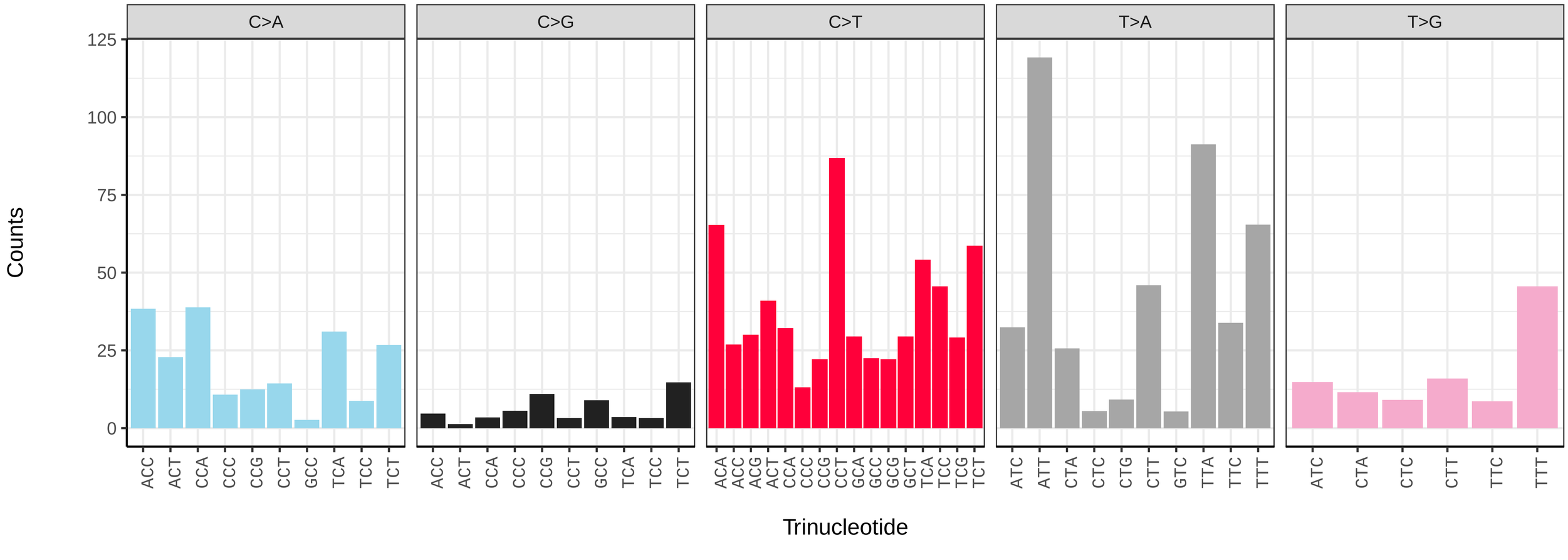
Idaea aversata (ilIdaAver1) germline mutational spectrum



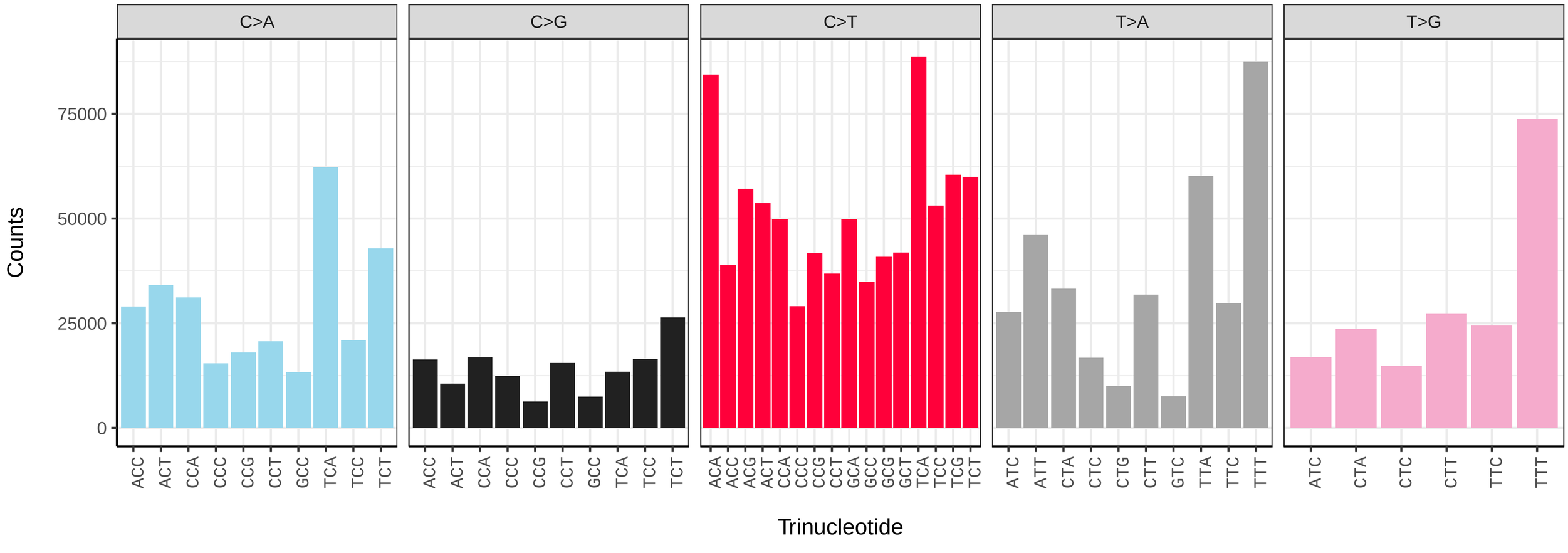
Idaea aversata (ilIdaAver1) somatic mutational spectrum (SBS96 classification)



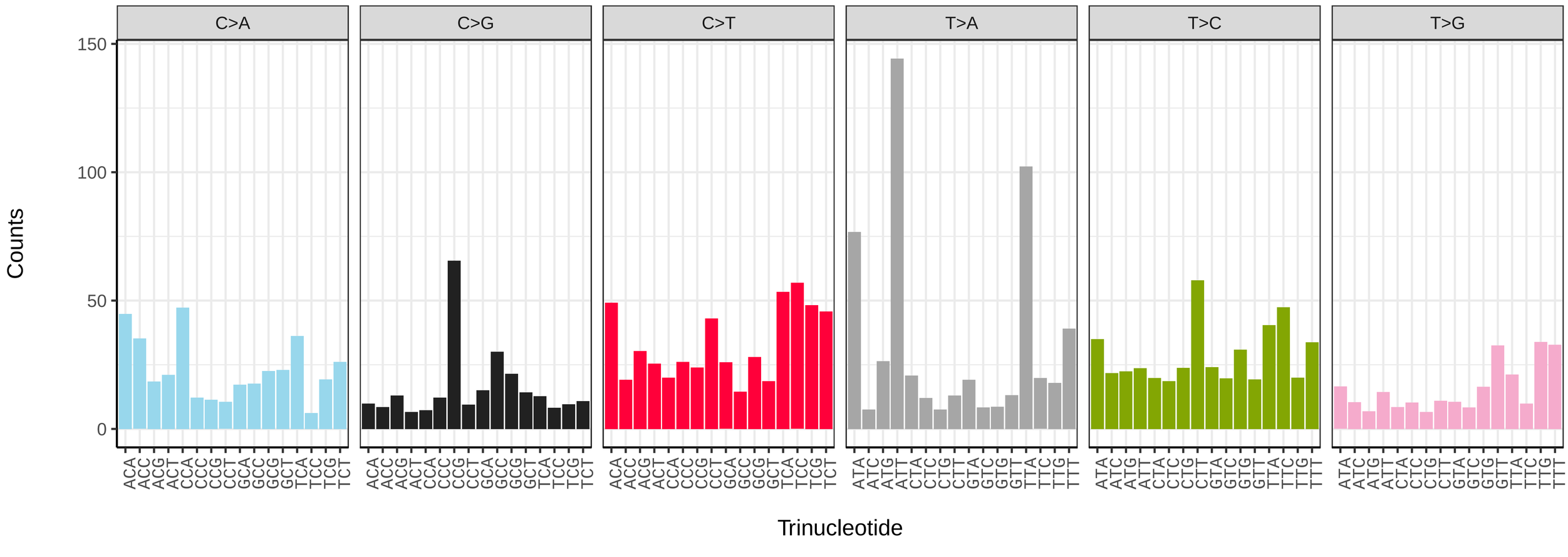
Idaea aversata (ilIdaAver1) somatic mutational spectrum (SBS52 classification)



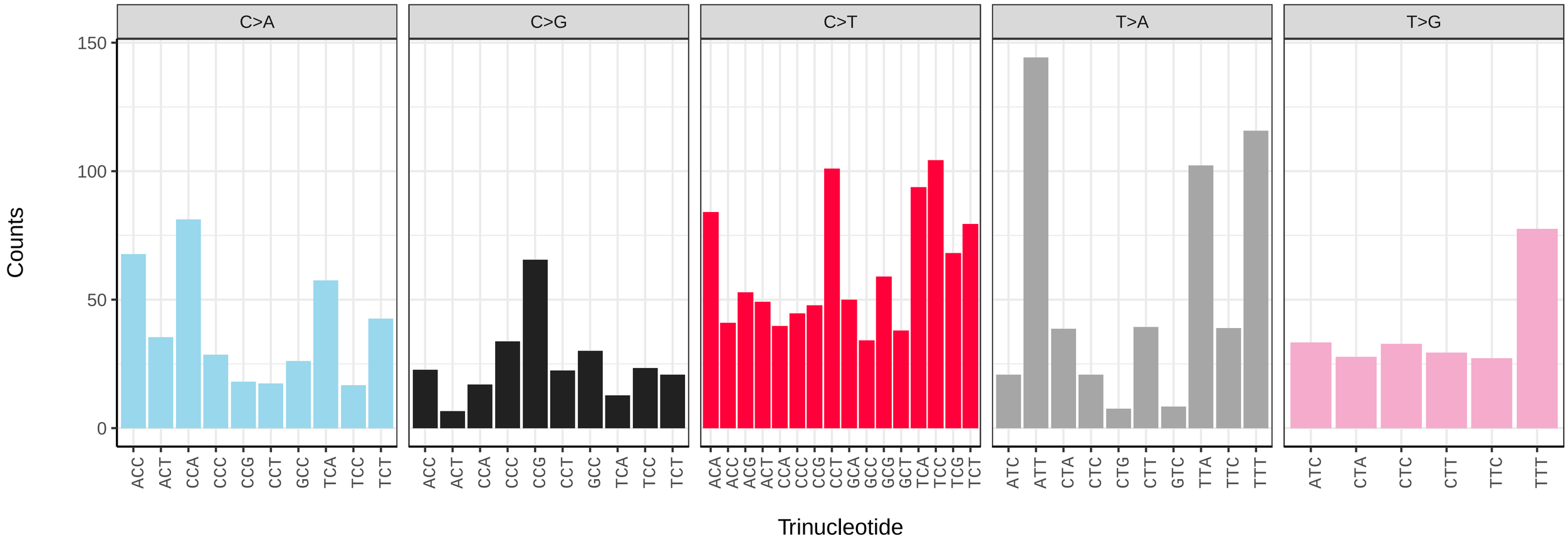
Incurvaria masculella (ilIncMasc1) germline mutational spectrum



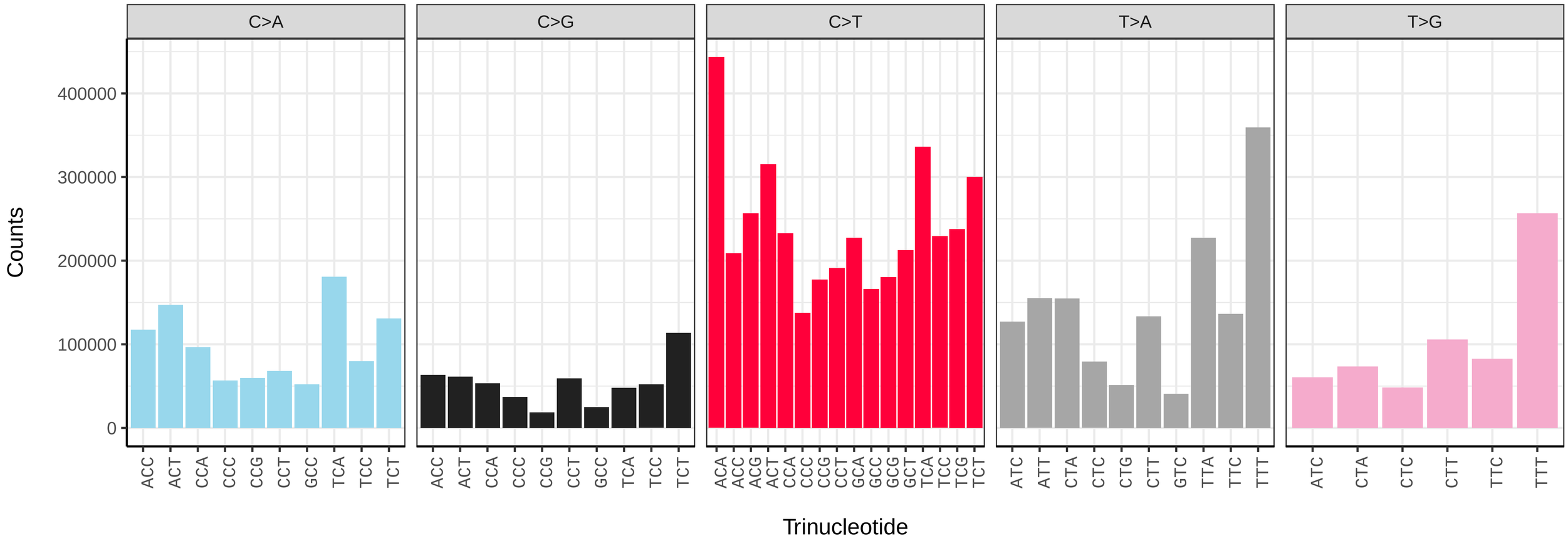
Incurvaria masculella (ilIncMasc1) somatic mutational spectrum (SBS96 classification)



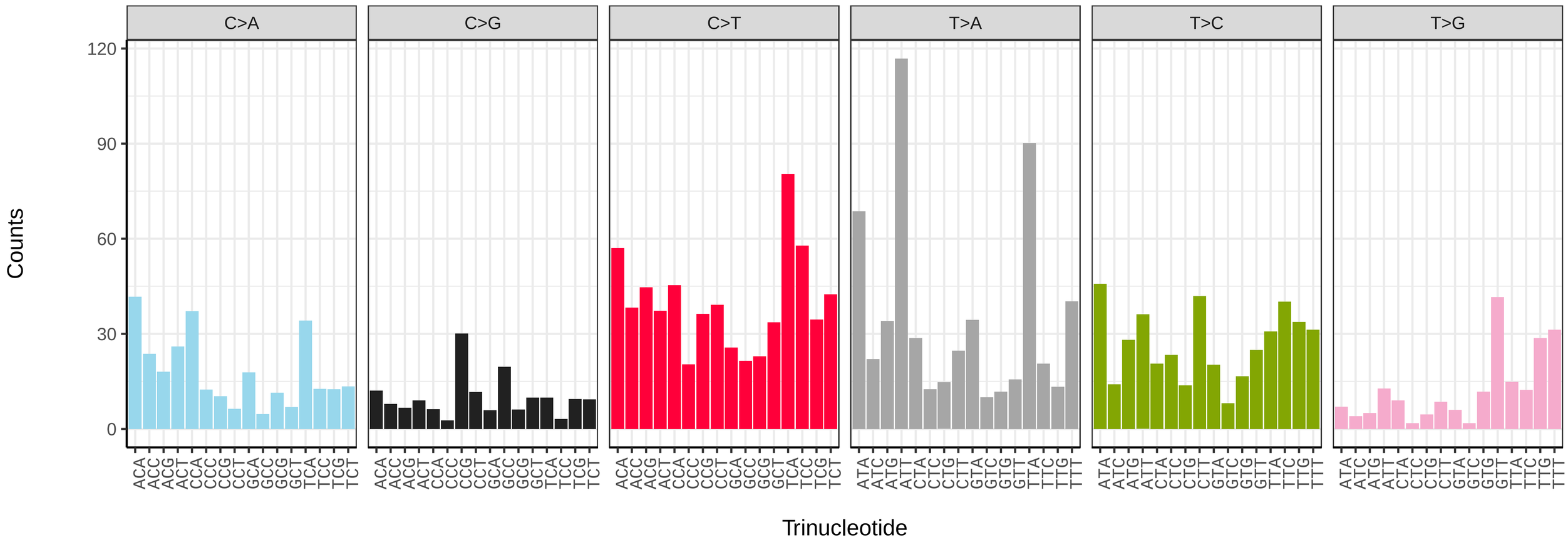
Incurvaria masculella (ilIncMasc1) somatic mutational spectrum (SBS52 classification)



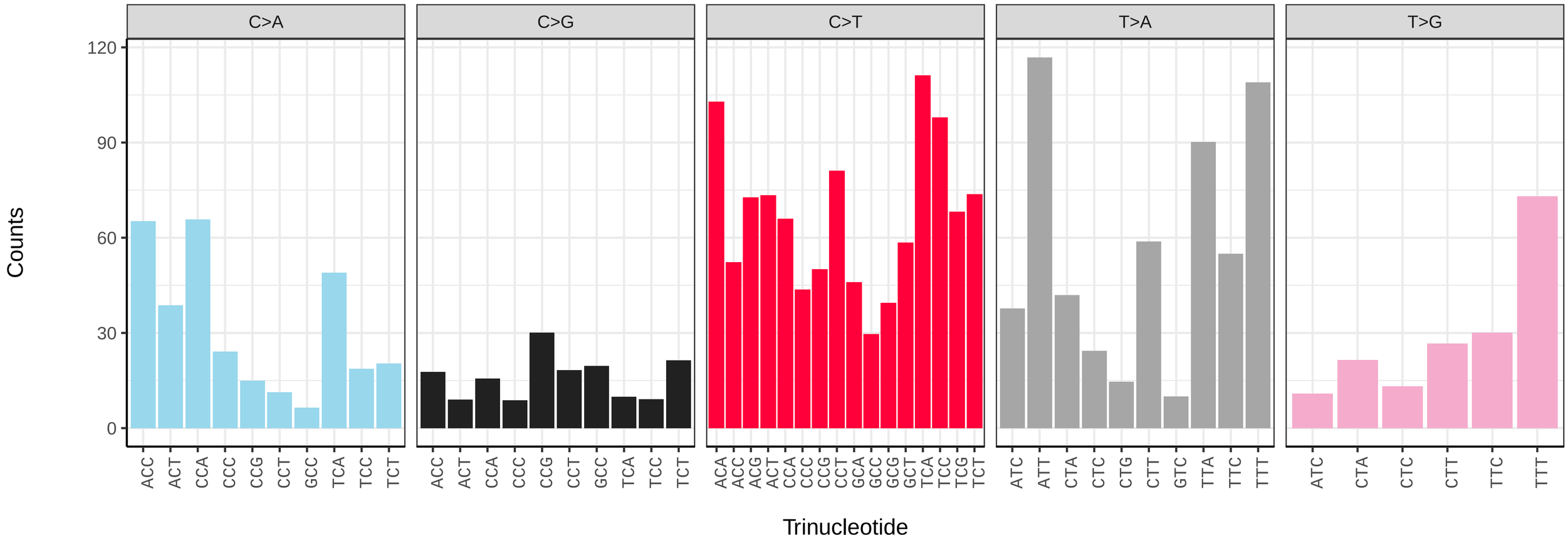
Lacanobia wlatinum (ilLacWlai2) germline mutational spectrum



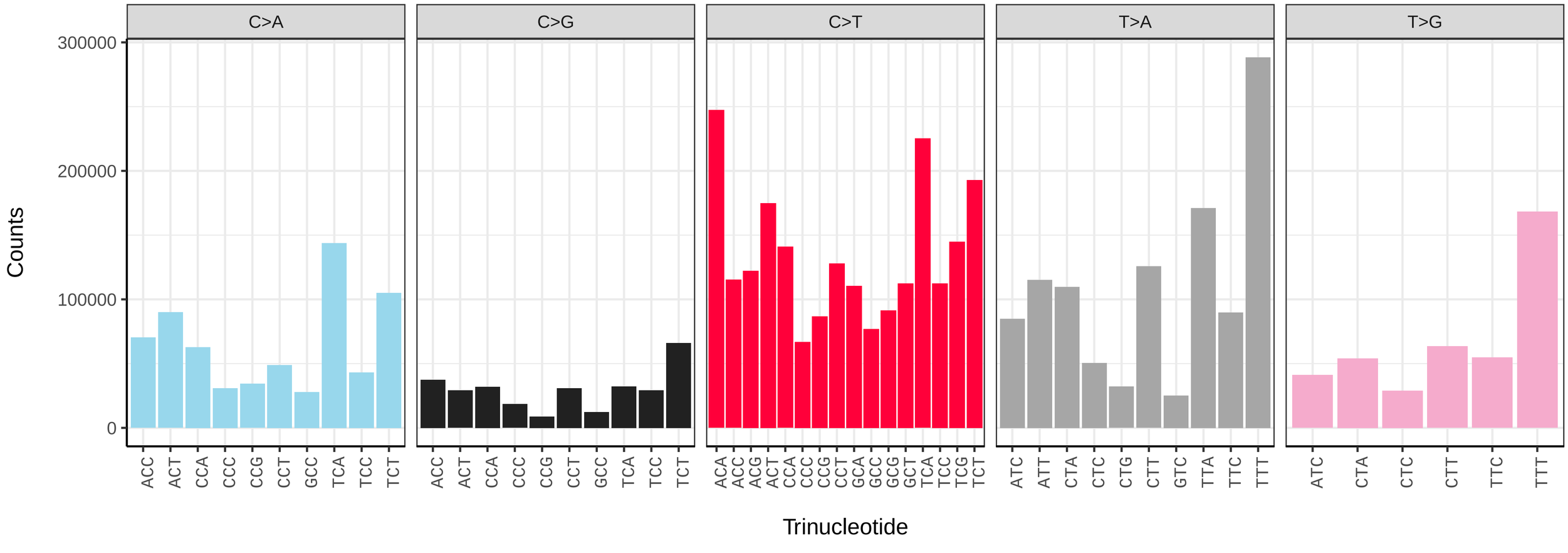
Lacanobia wlatinum (ilLacWlai2) somatic mutational spectrum (SBS96 classification)



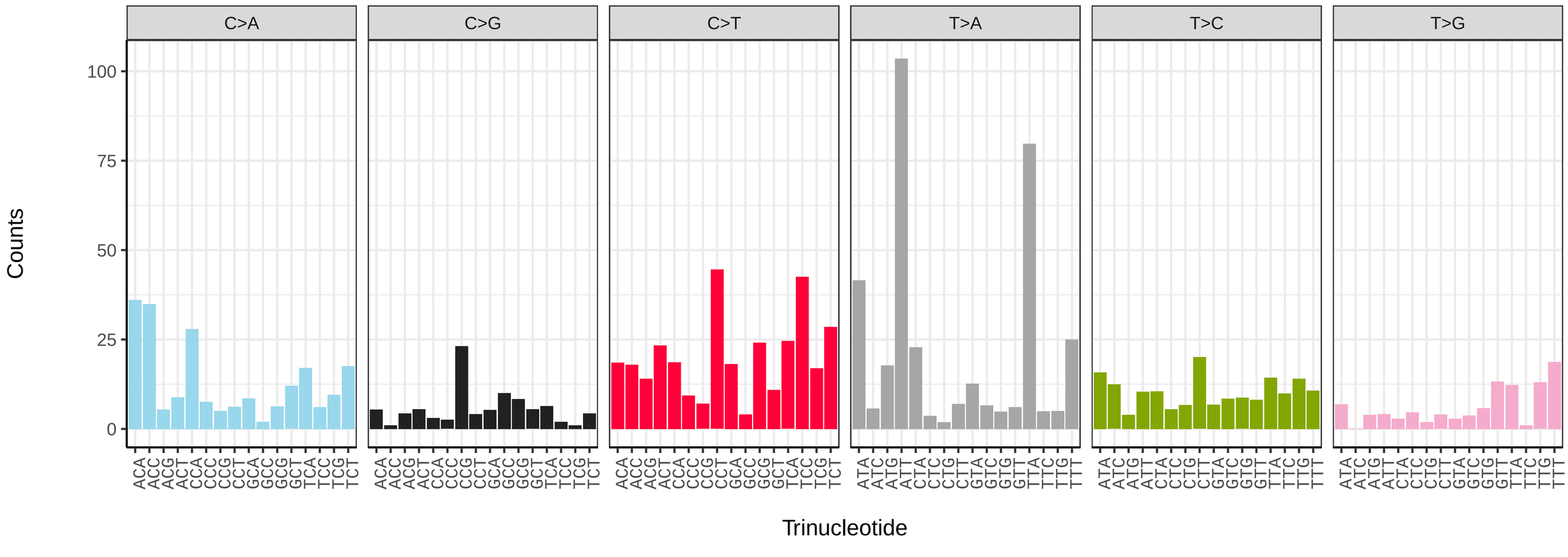
Lacanobia wlatinum (ilLacWlai2) somatic mutational spectrum (SBS52 classification)



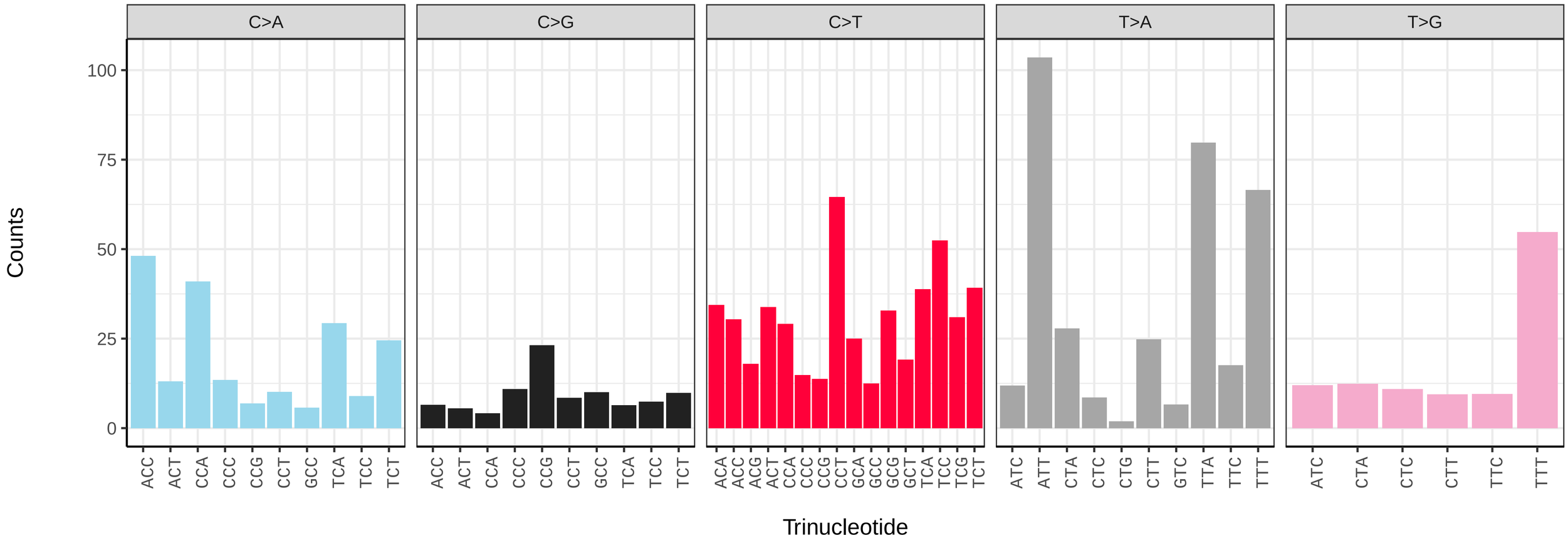
Lampropteryx suffumata (ilLamSuff1) germline mutational spectrum



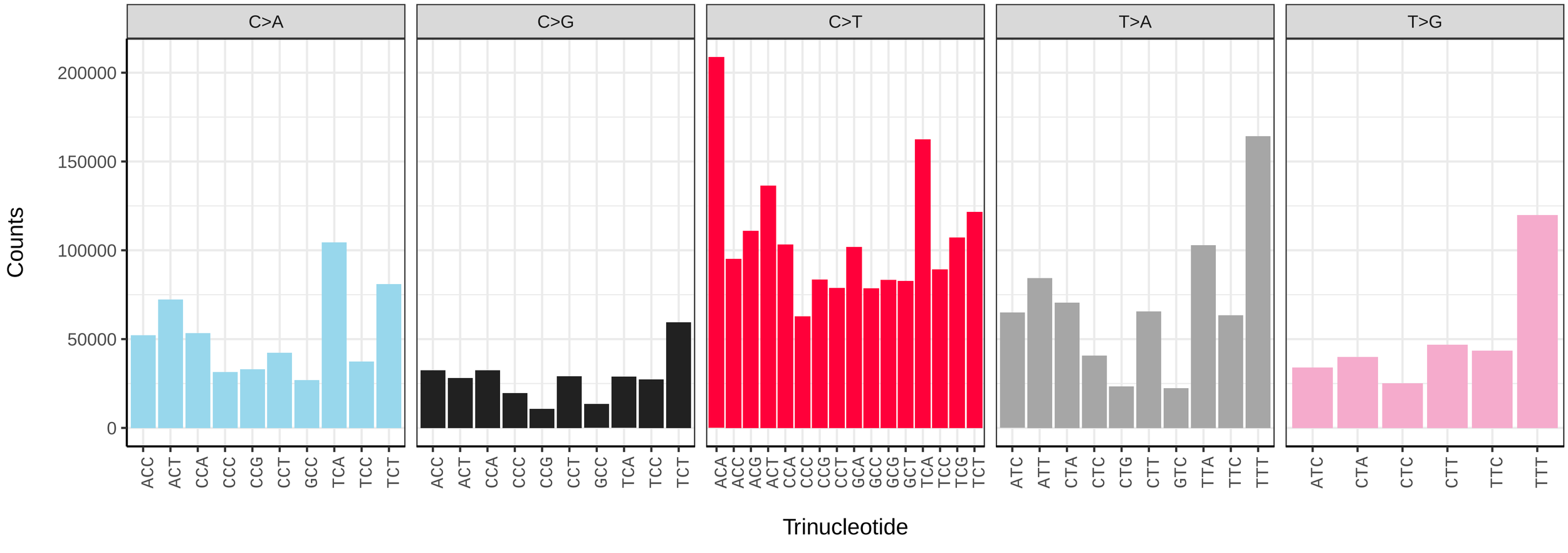
Lampropteryx suffumata (ilLamSuff1) somatic mutational spectrum (SBS96 classification)



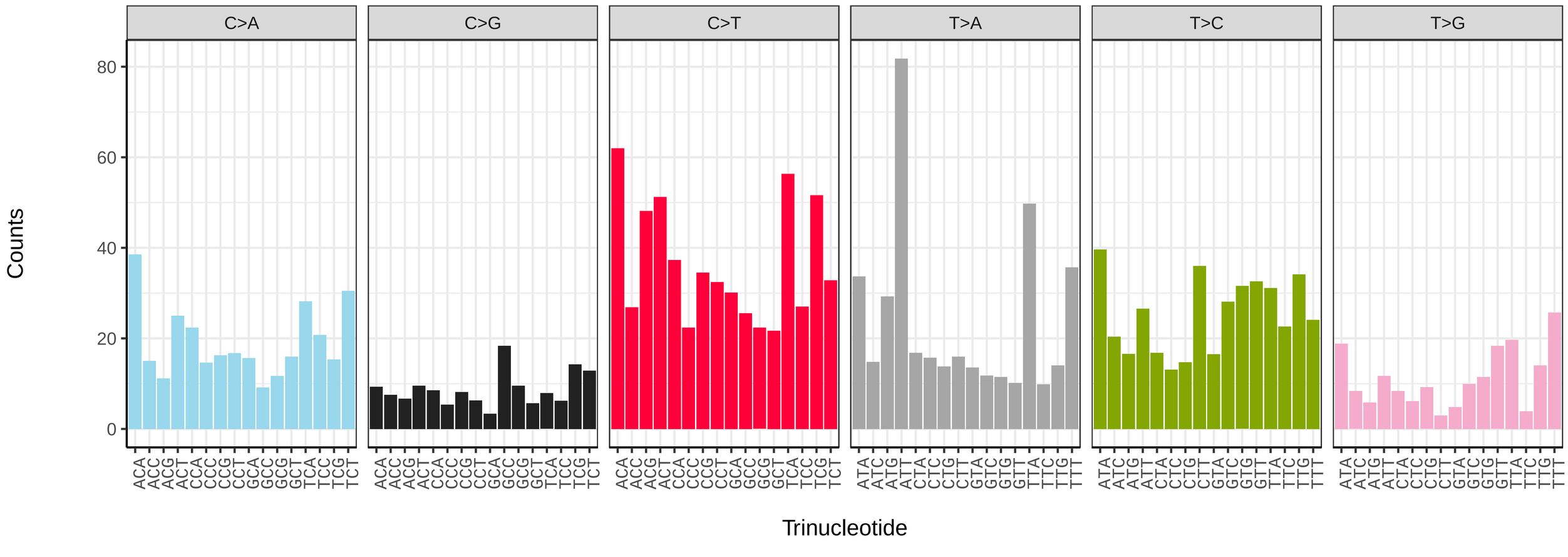
Lampropteryx suffumata (ilLamSuff1) somatic mutational spectrum (SBS52 classification)



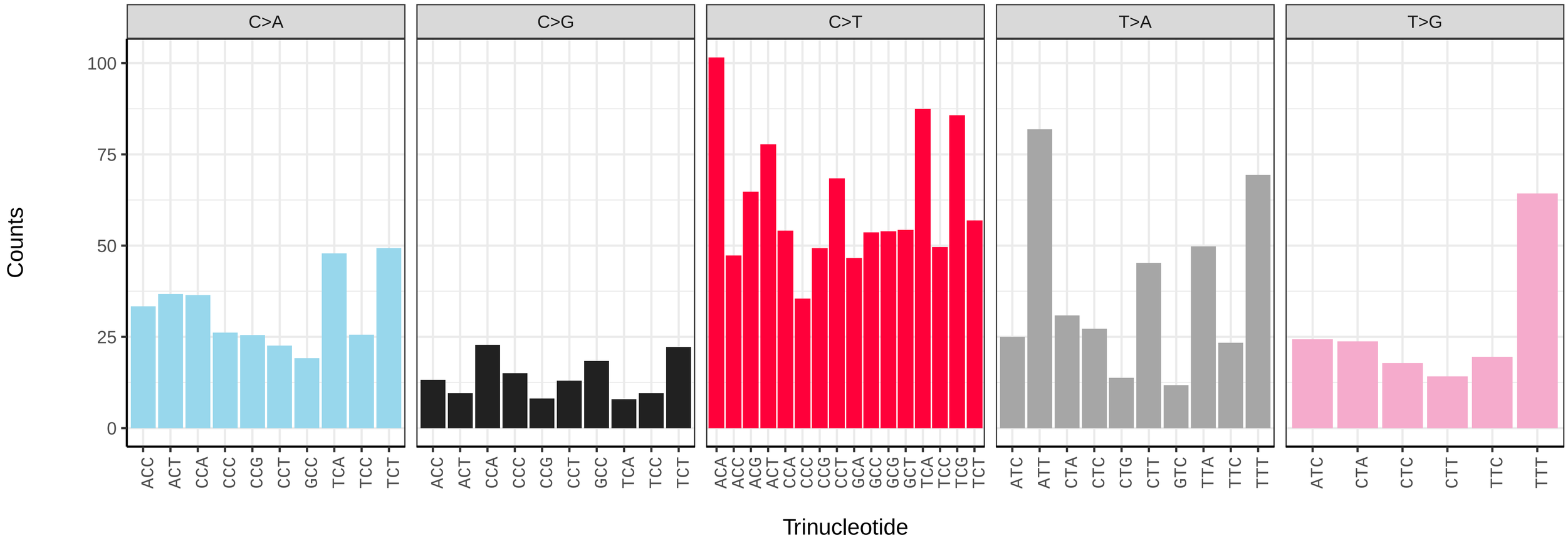
Laothoe populi (ilLaoPopu1) germline mutational spectrum



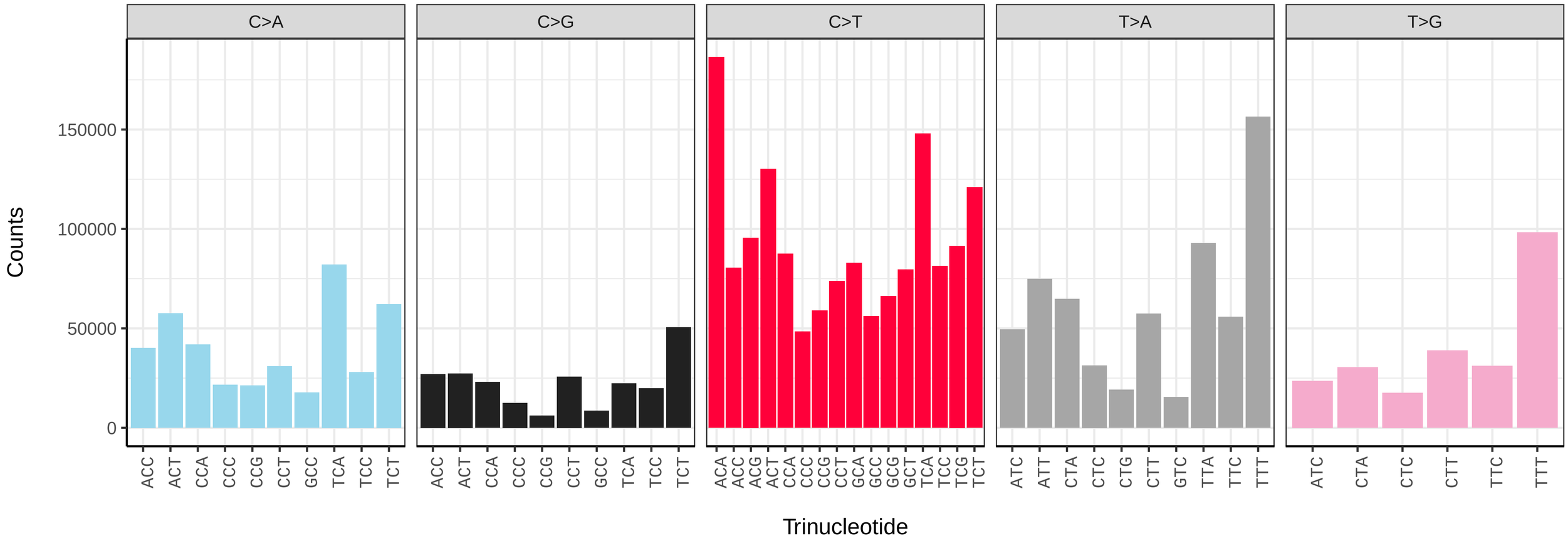
Laothoe populi (ilLaoPopu1) somatic mutational spectrum (SBS96 classification)



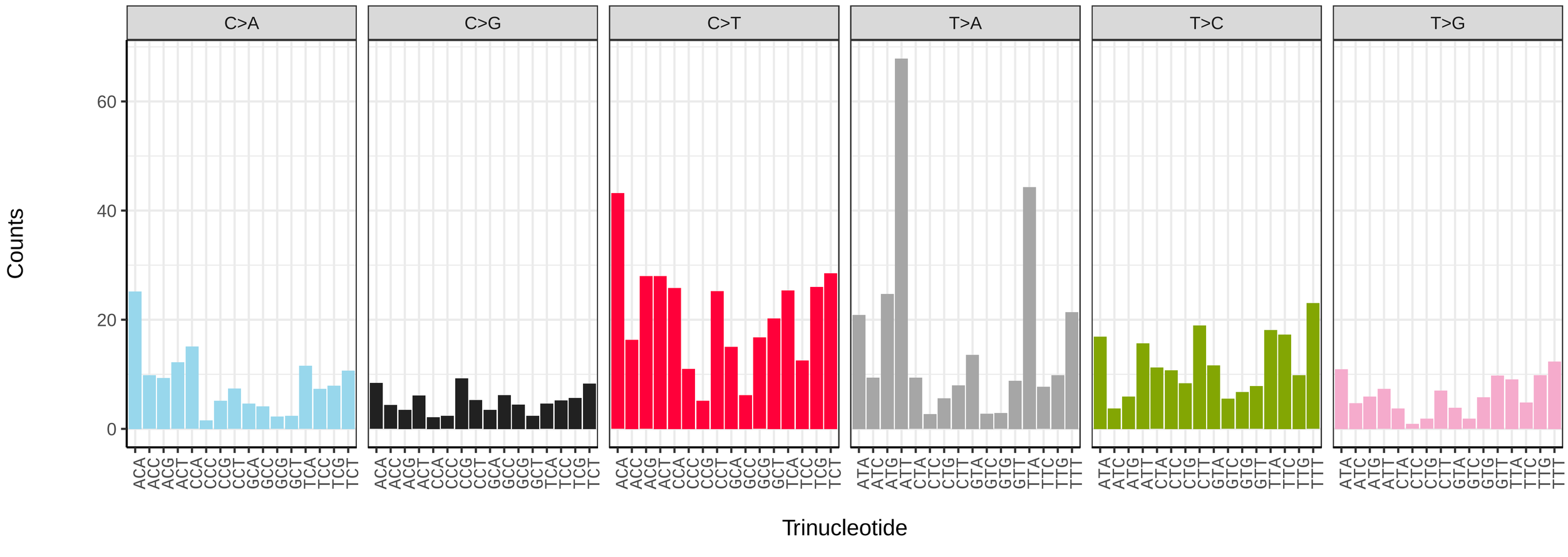
Laothoe populi (ilLaoPopu1) somatic mutational spectrum (SBS52 classification)



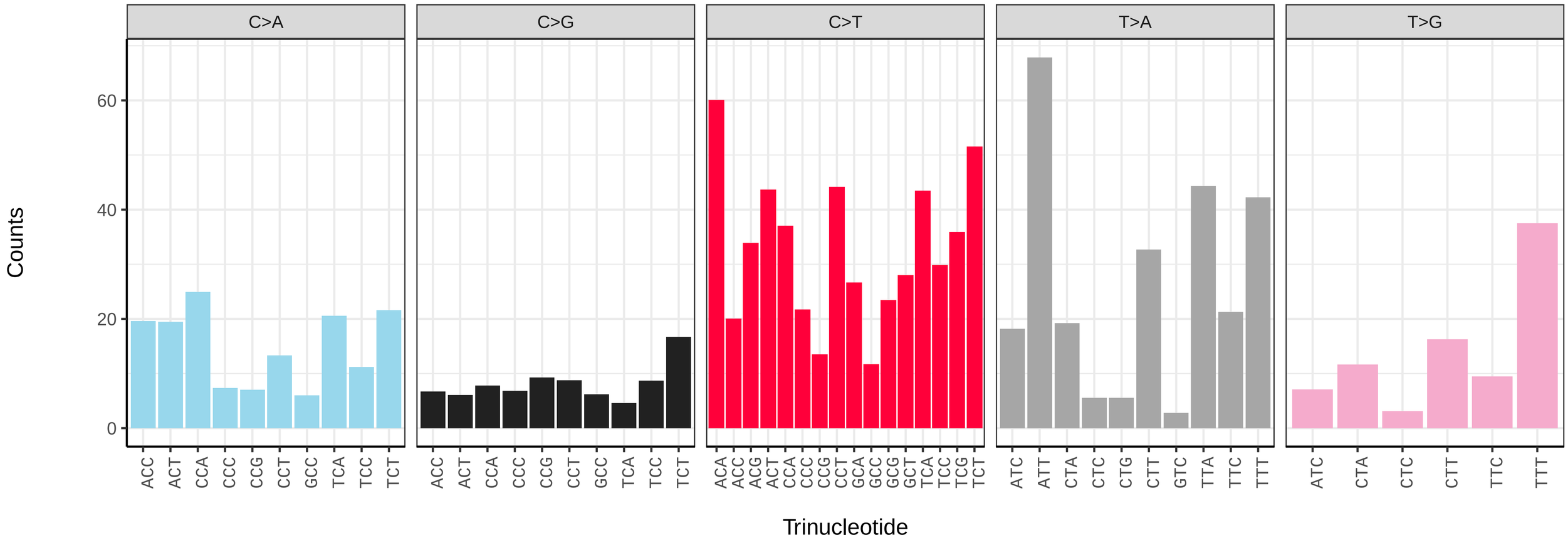
Laspeyria flexula (ilLasFlex1) germline mutational spectrum

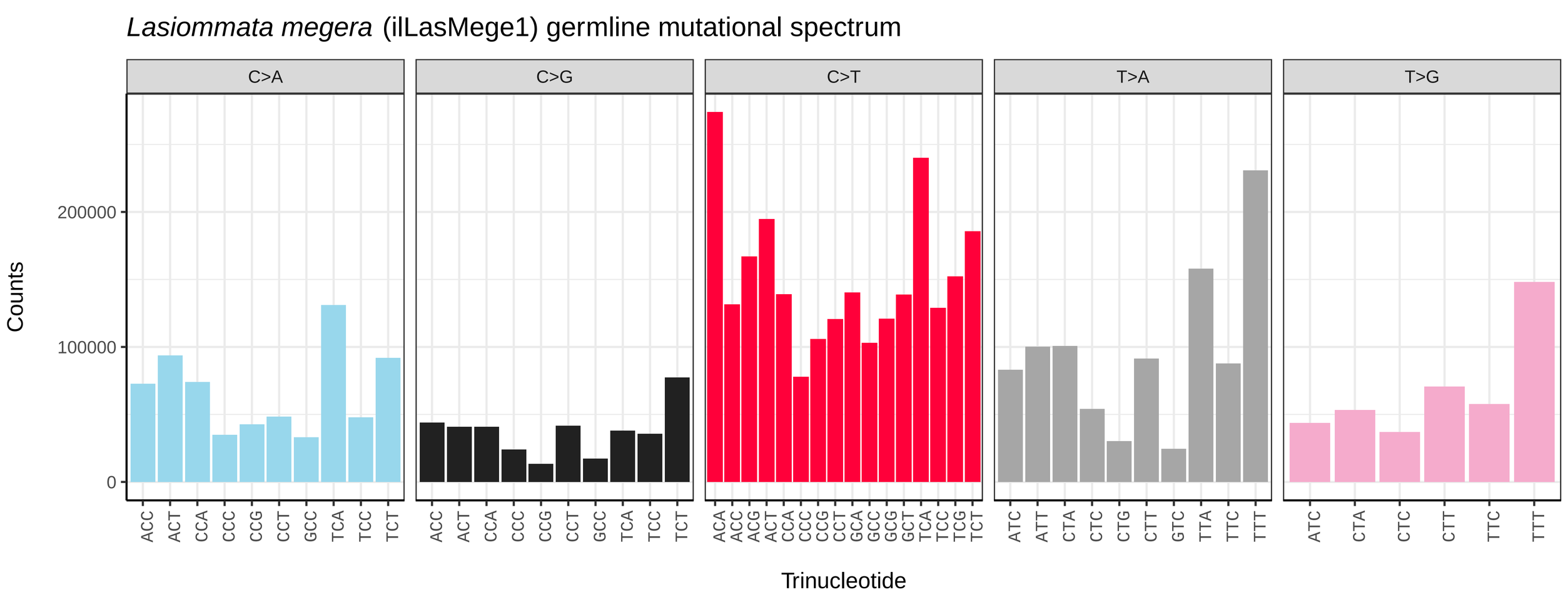


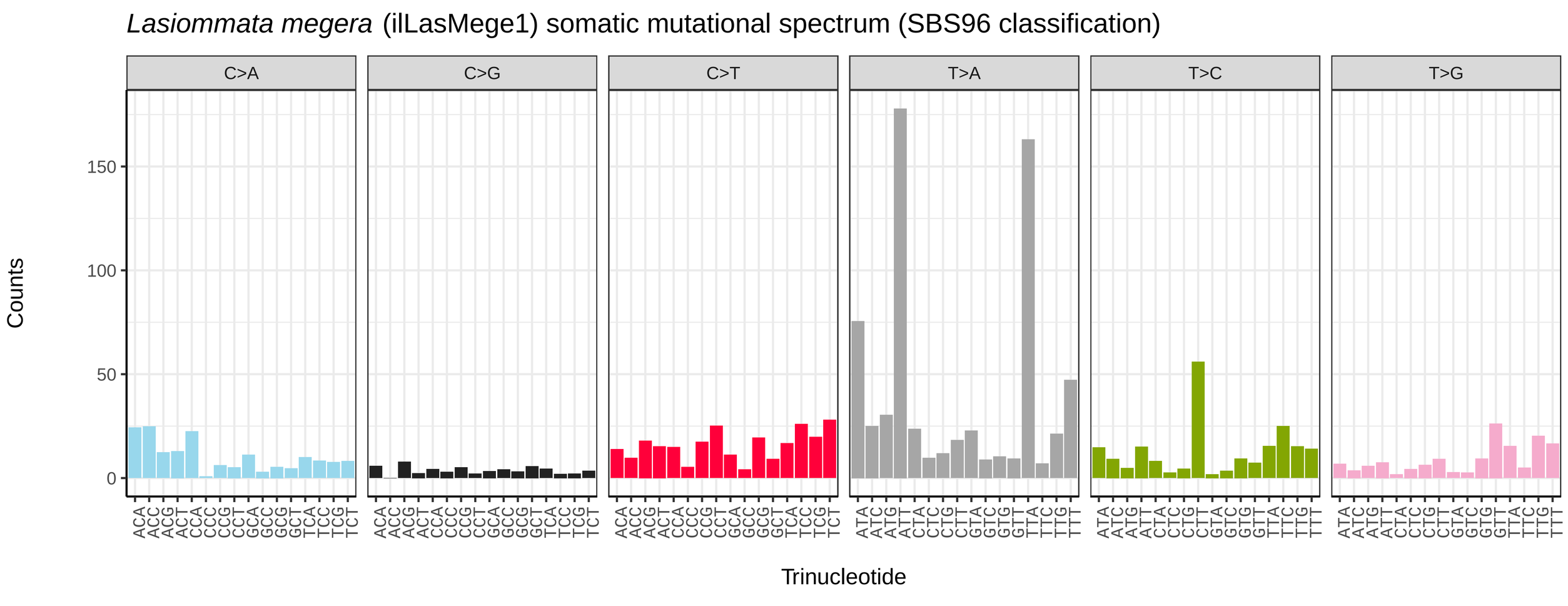
Laspeyria flexula (ilLasFlex1) somatic mutational spectrum (SBS96 classification)

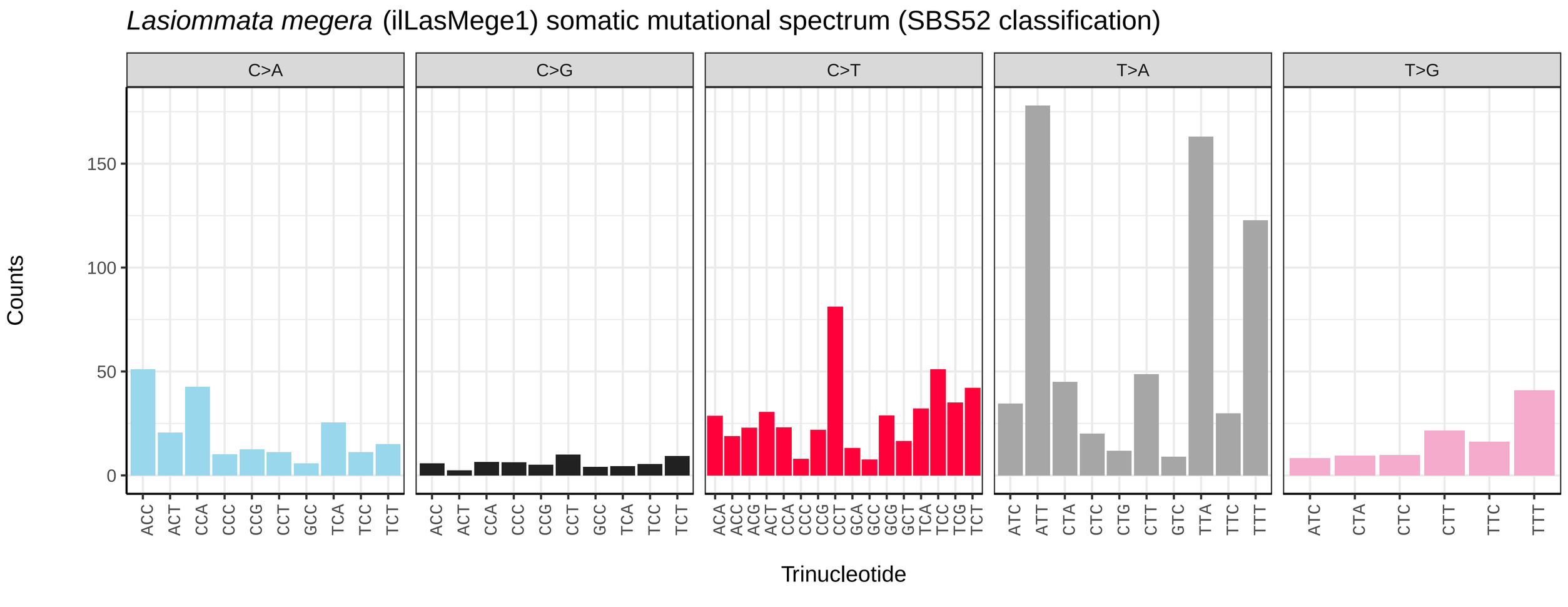


Laspeyria flexula (ilLasFlex1) somatic mutational spectrum (SBS52 classification)

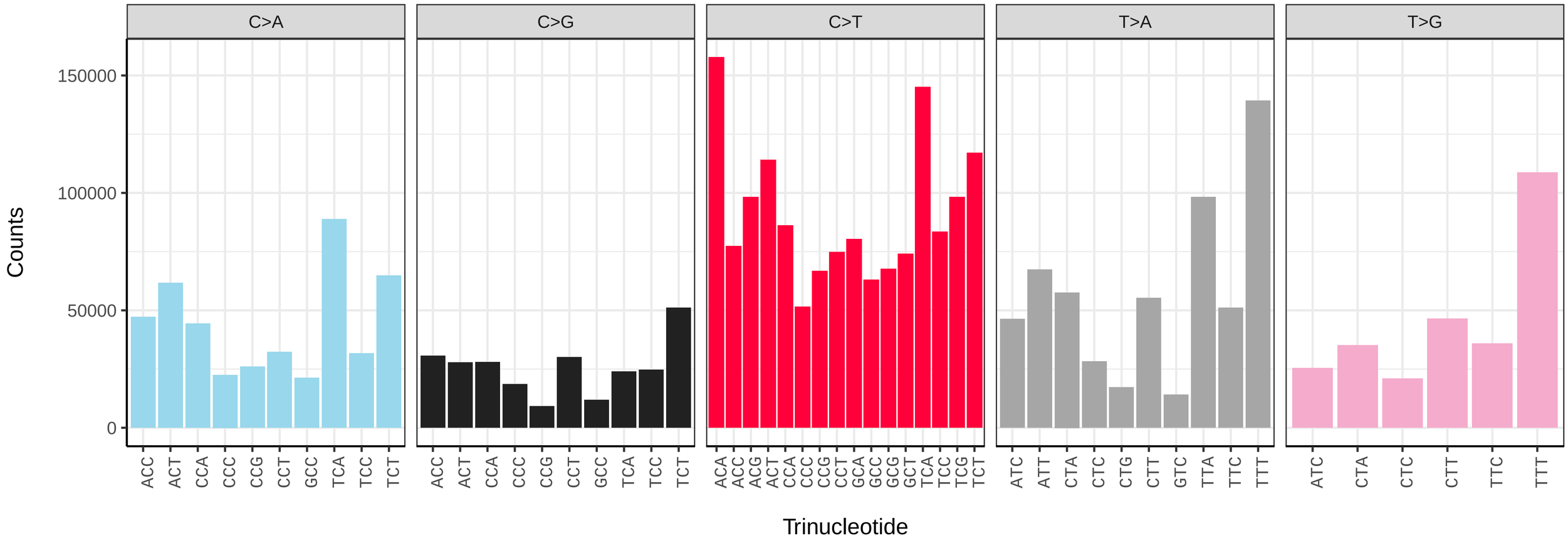



Lasiommata megera (ilLasMege1) germline mutational spectrum
C>A
C>G
C>T
T>A
T>G
Counts
200000
100000
0
ACC ACT CCA CCC CCG CCT GCC TCA TCC TCT
ACC ACT CCA CCC CCG CCT GCC TCA TCC TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATC ATT CTA CTC CTG CTT GTC TTA TTC TTT
ATC CTA CTC CTT TTC TTT
Trinucleotide

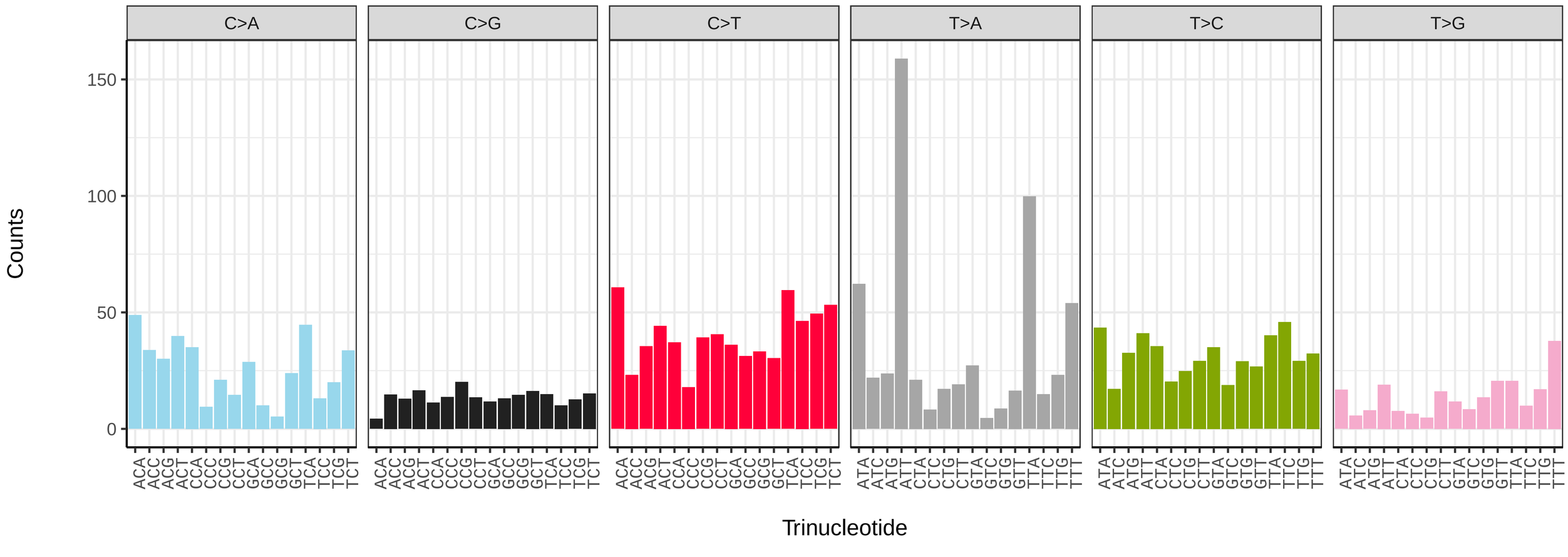

Lasiommata megera (ilLasMege1) somatic mutational spectrum (SBS96 classification)
C>A
C>G
C>T
T>A
T>C
T>G
Counts
150
100
50
0
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
Trinucleotide


Lasiommata megera (ilLasMege1) somatic mutational spectrum (SBS52 classification)
C>A
C>G
C>T
T>A
T>G
Counts
150
100
50
0
ACC ACT CCA CCC CCG CCT GCC TCA TCC TCT
ACC ACT CCA CCC CCG CCT GCC TCA TCC TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATC ATT CTA CTC CTG CTT GTC TTA TTC TTT
ATC CTA CTC CTT TTC TTT
Trinucleotide

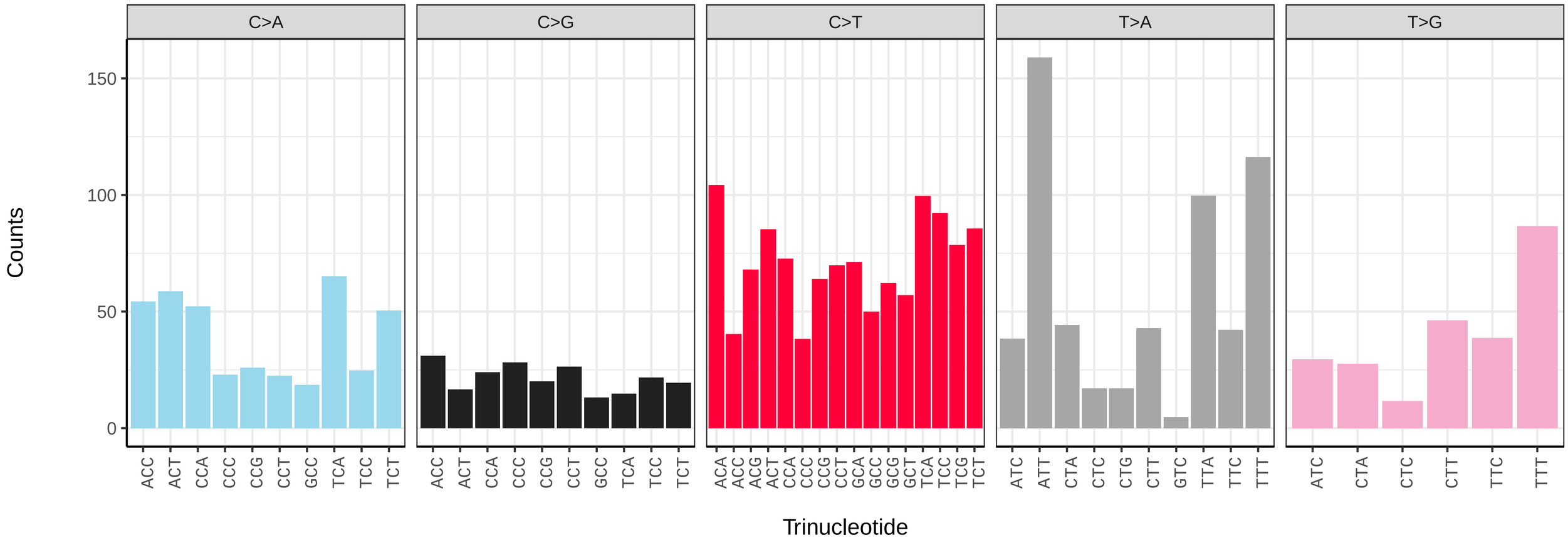
Lathronympha strigana (ilLatStri6) germline mutational spectrum



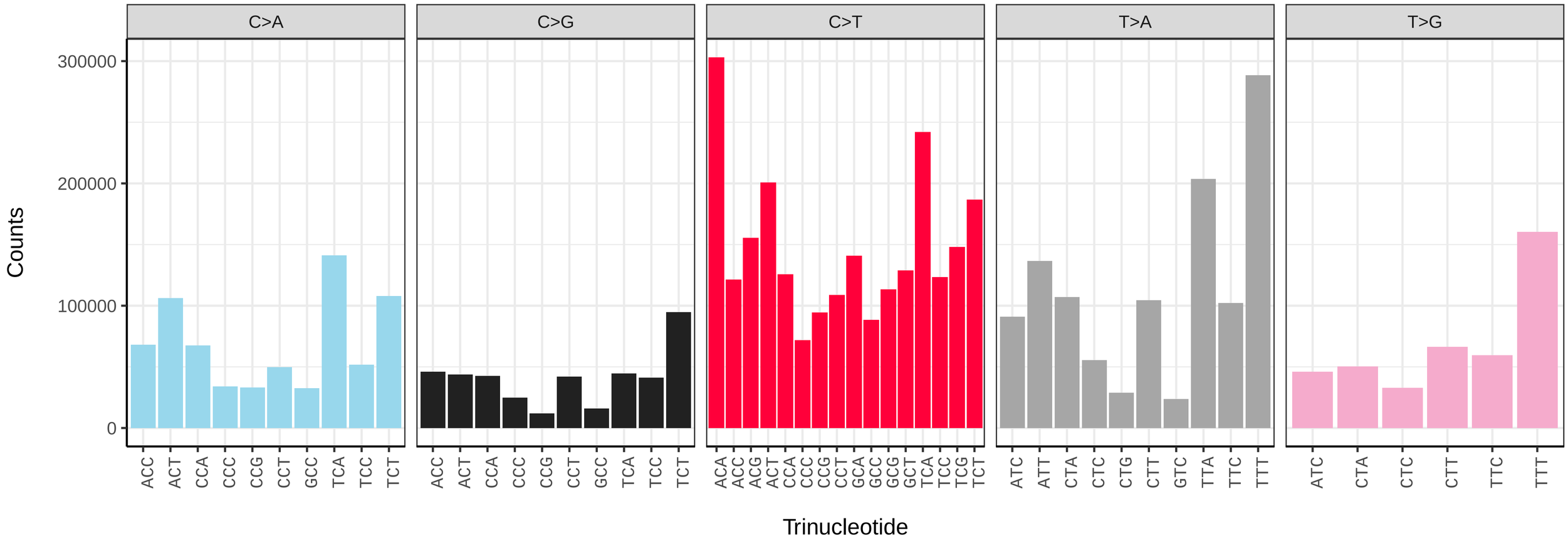
Lathronympha strigana (ilLatStri6) somatic mutational spectrum (SBS96 classification)



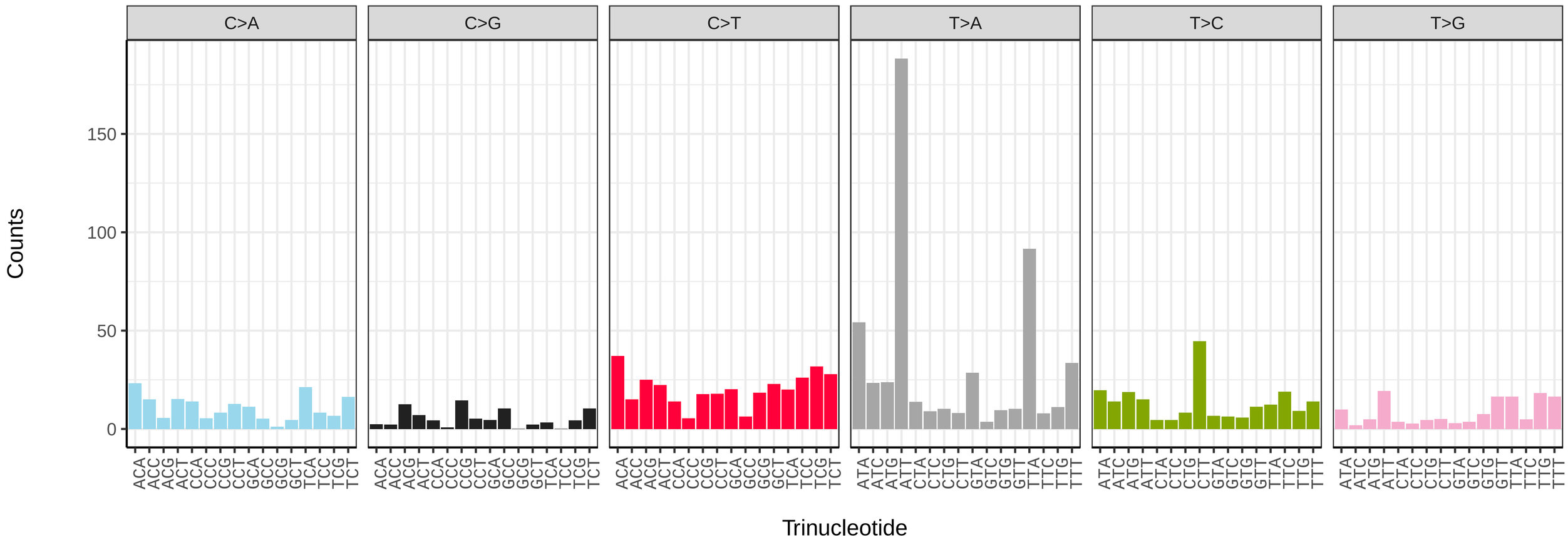
Lathronympha strigana (ilLatStri6) somatic mutational spectrum (SBS52 classification)



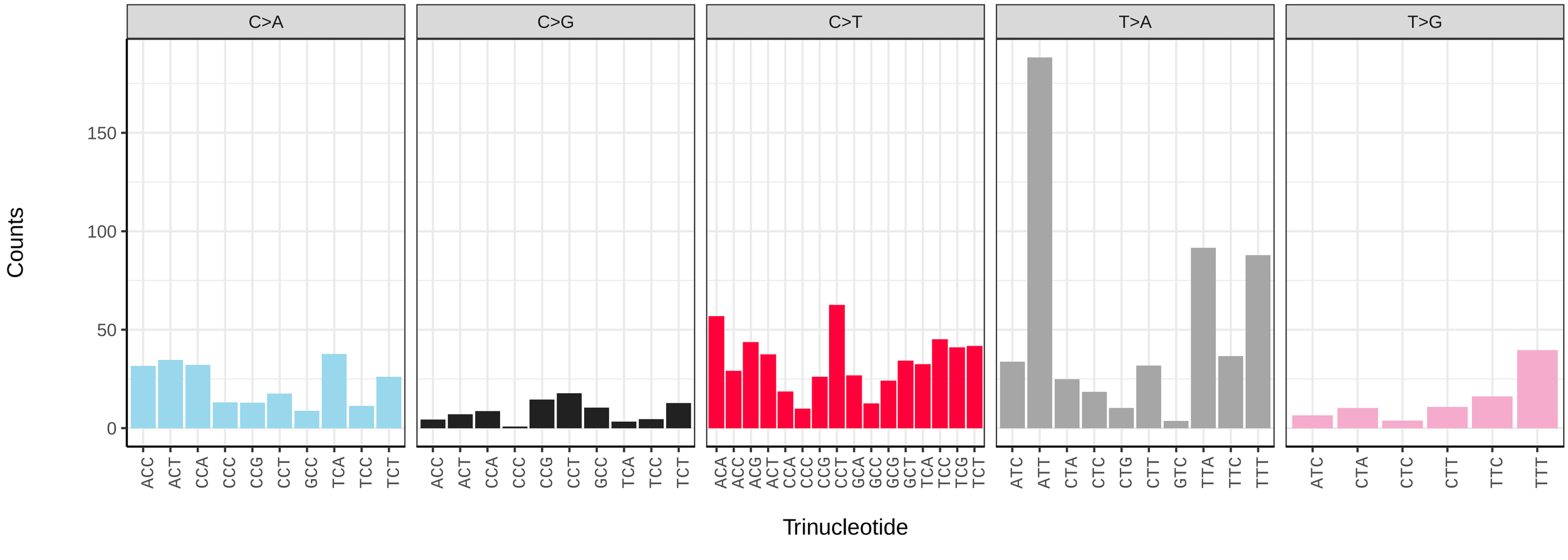
Leptidea sinapis (ilLepSina1) germline mutational spectrum



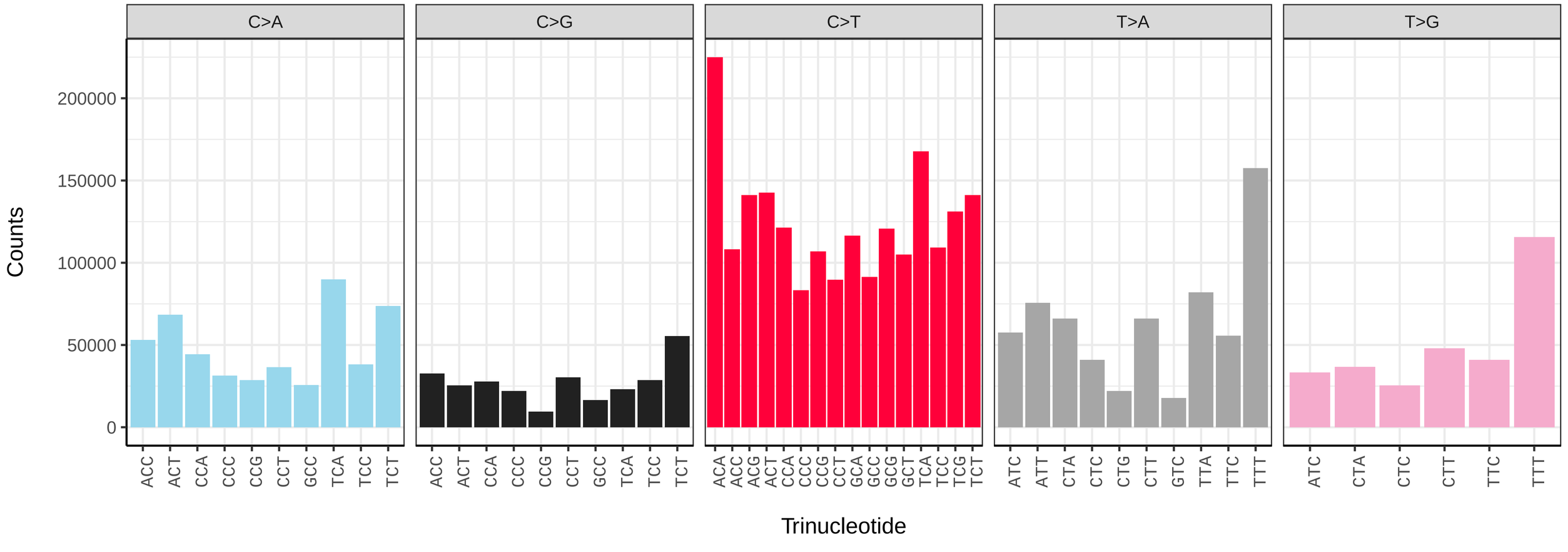
Leptidea sinapis (ilLepSina1) somatic mutational spectrum (SBS96 classification)



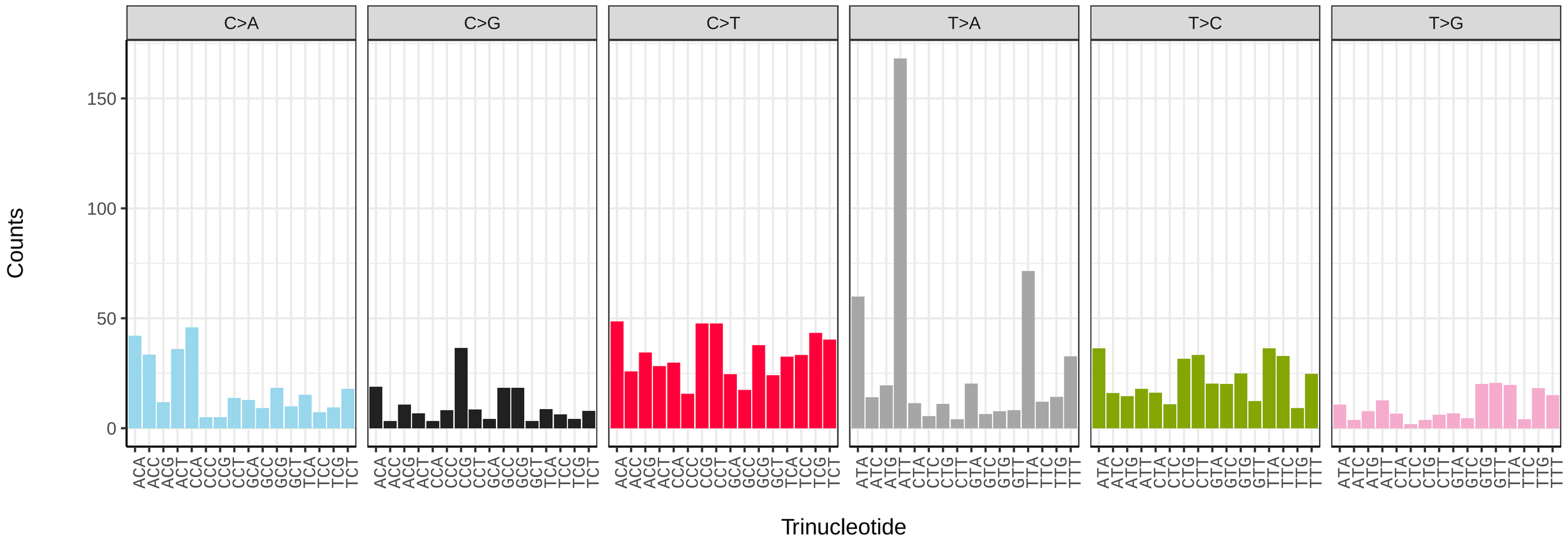
Leptidea sinapis (ilLepSina1) somatic mutational spectrum (SBS52 classification)



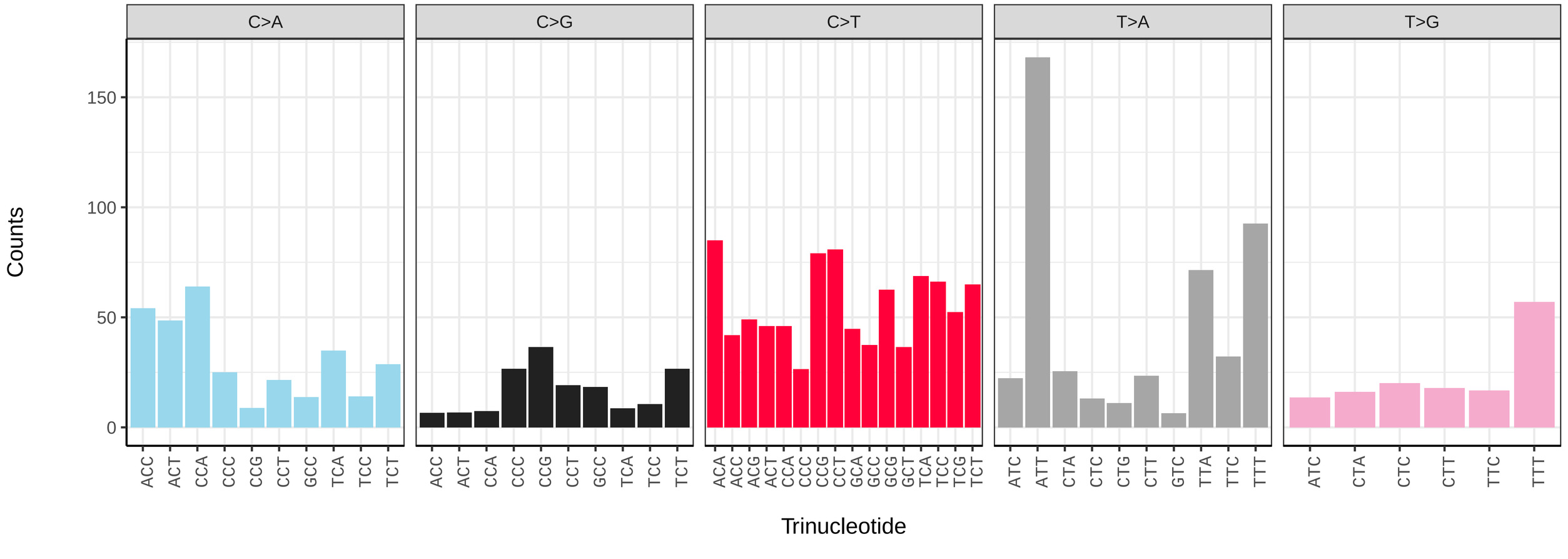
Leucoma salicis (ilLeuSali1) germline mutational spectrum



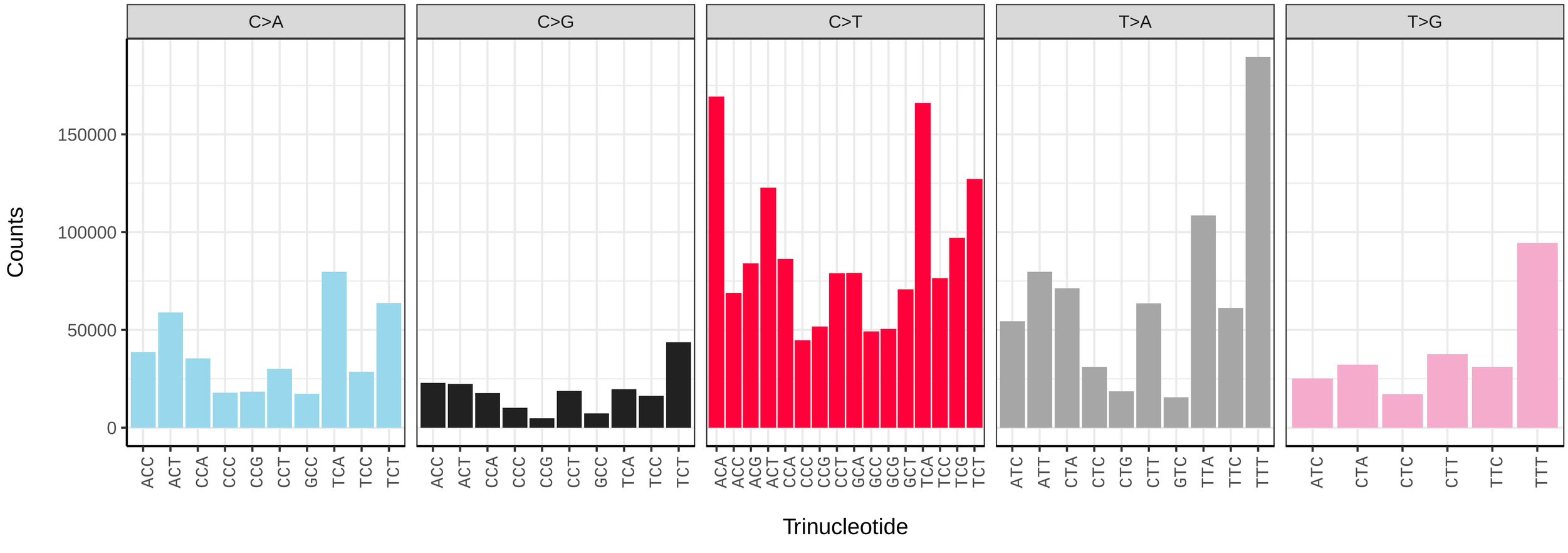
Leucoma salicis (ilLeuSali1) somatic mutational spectrum (SBS96 classification)



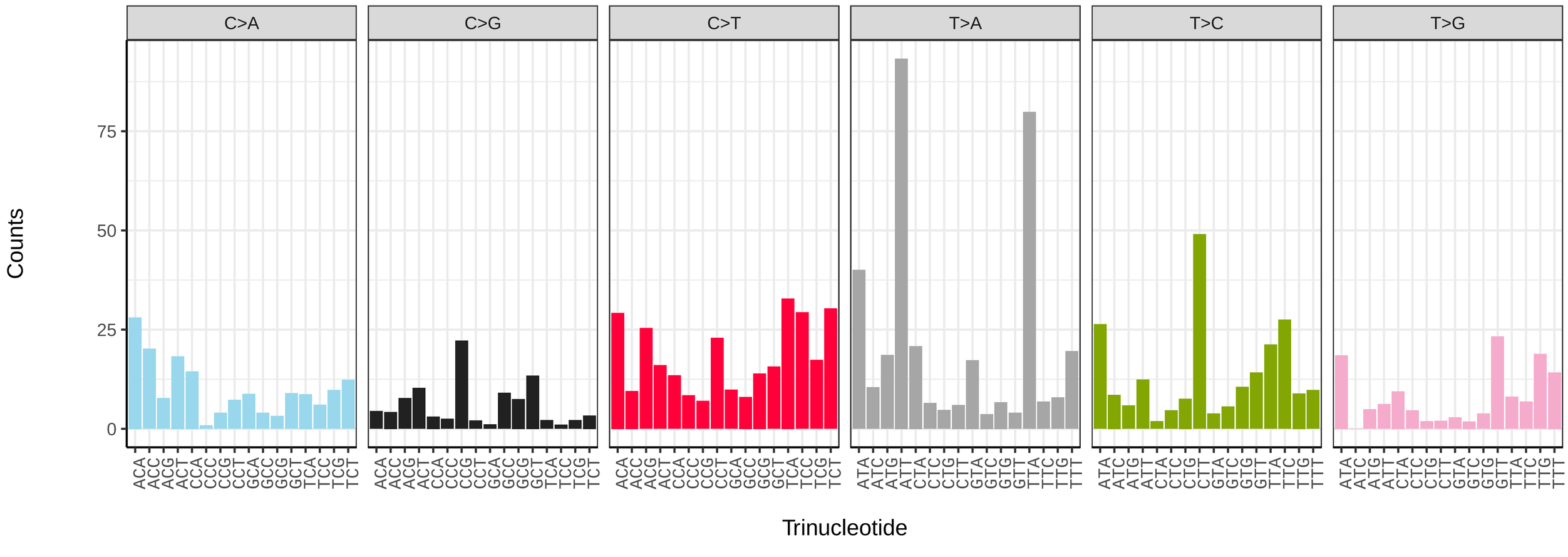
Leucoma salicis (ilLeuSali1) somatic mutational spectrum (SBS52 classification)



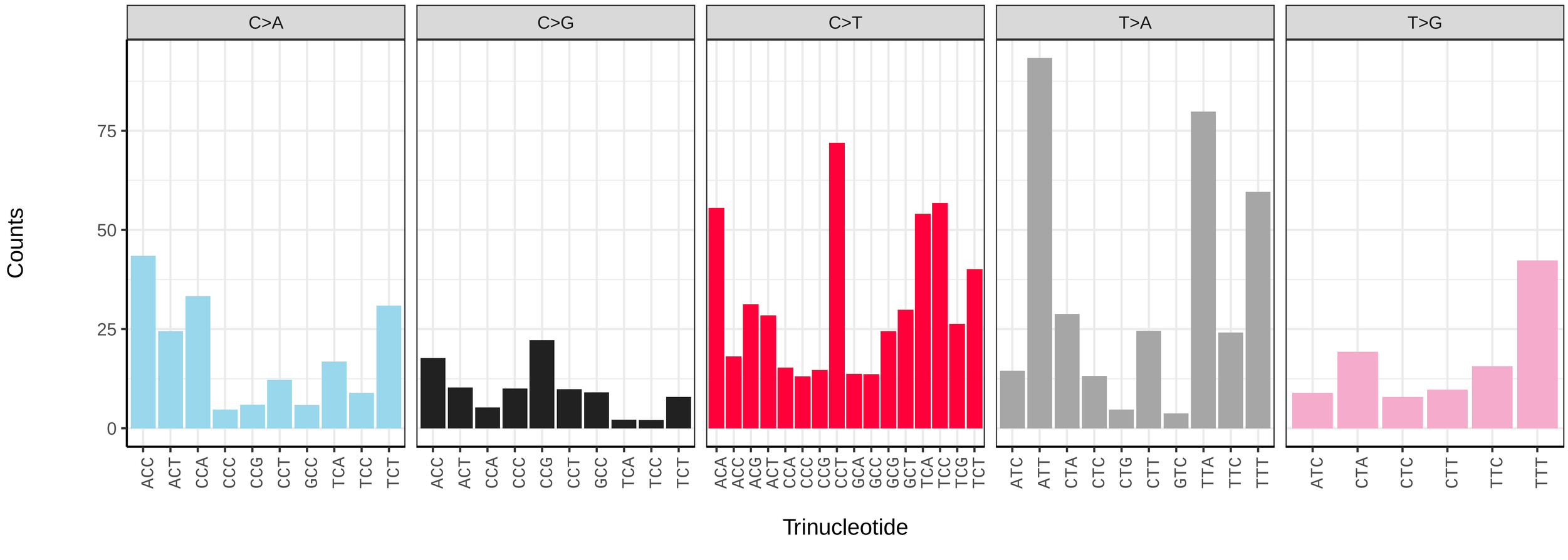
Ligdia adustata (ilLigAdus1) germline mutational spectrum



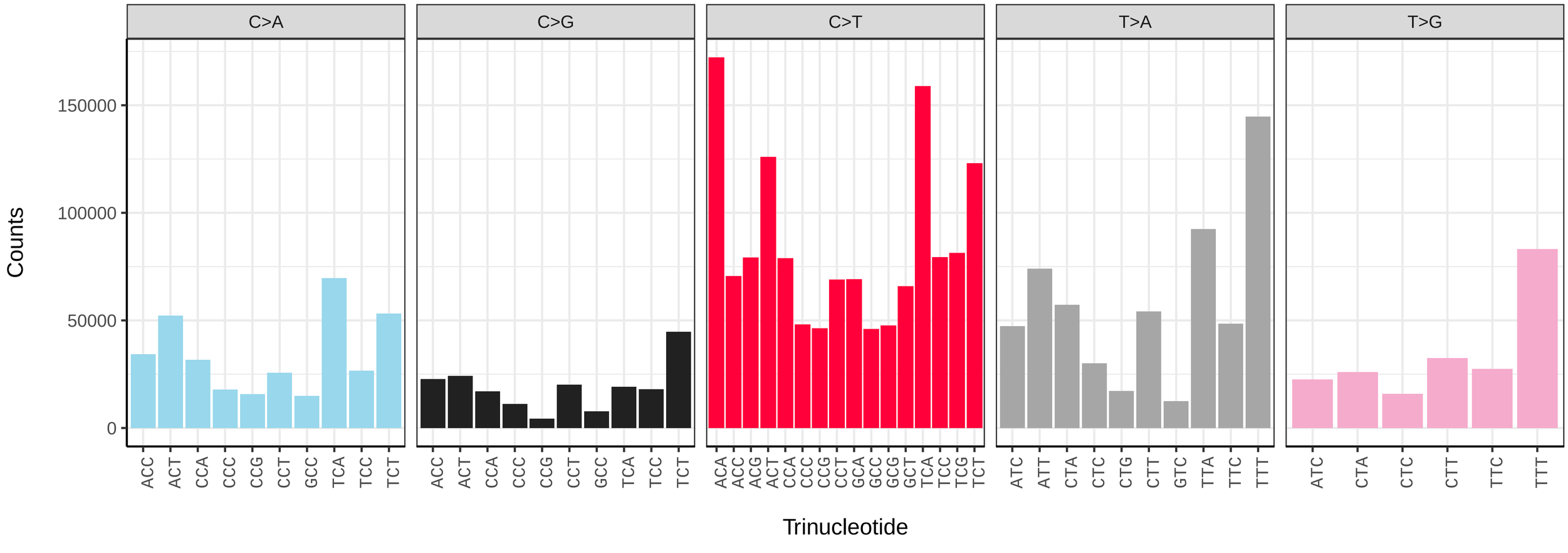
Ligdia adustata (ilLigAdus1) somatic mutational spectrum (SBS96 classification)



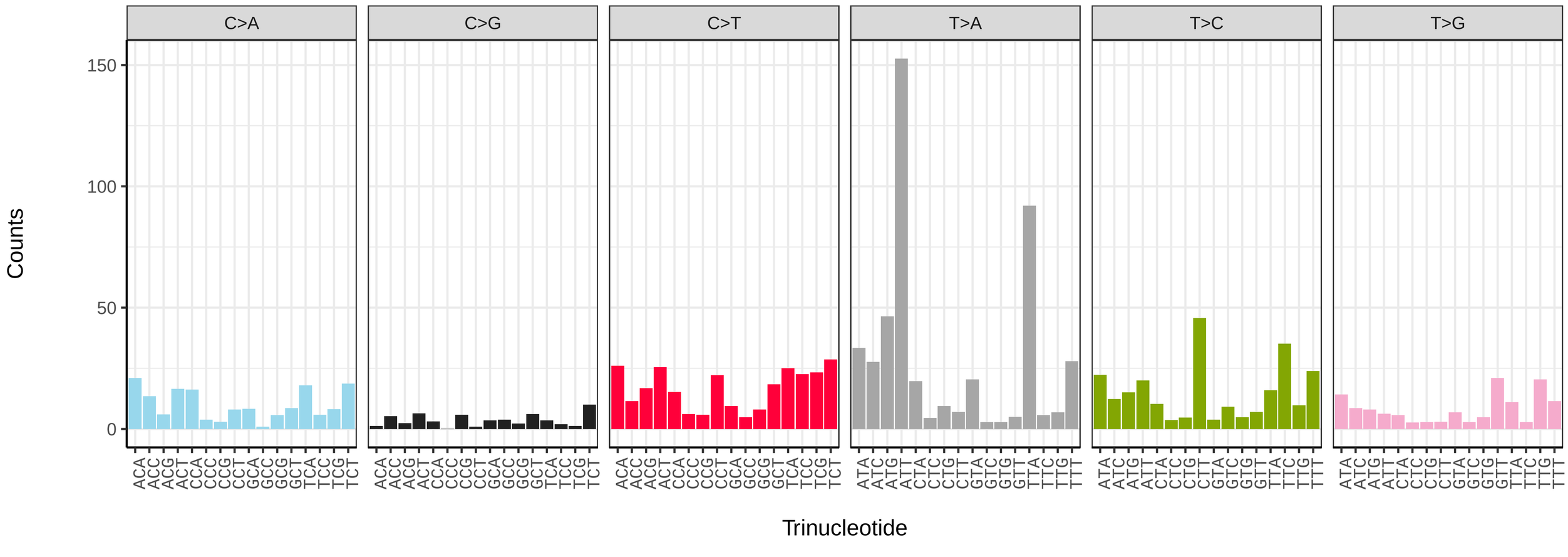
Ligdia adustata (ilLigAdus1) somatic mutational spectrum (SBS52 classification)



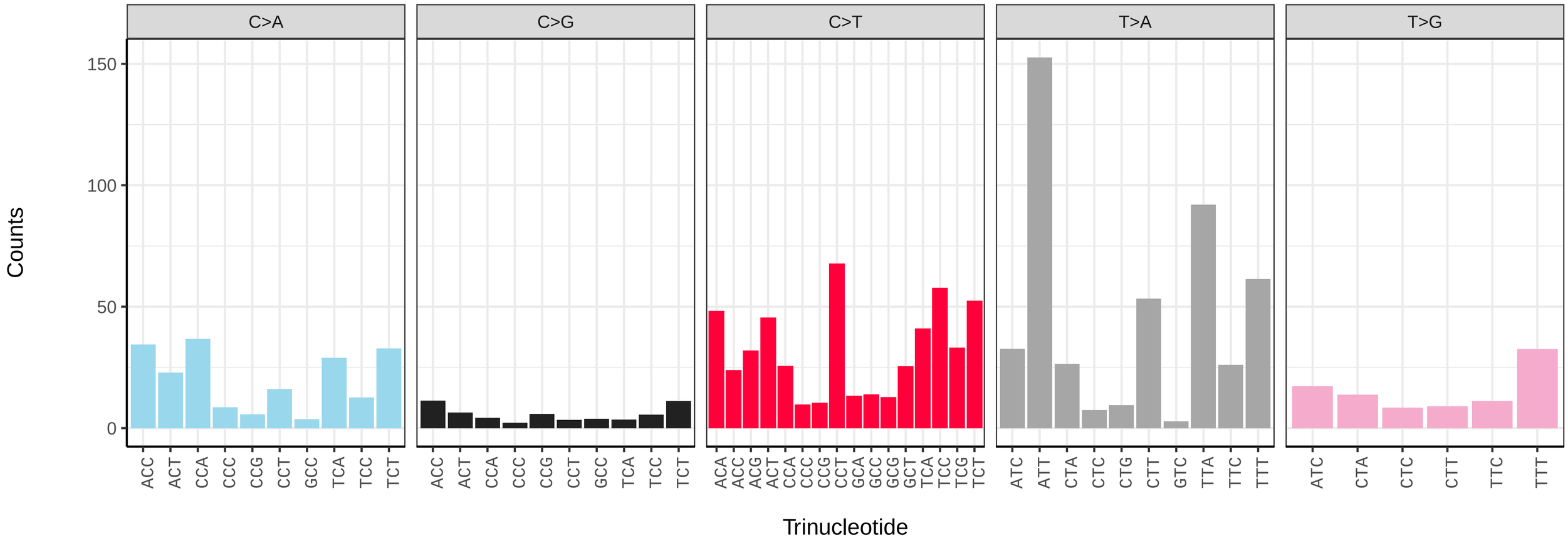
Limenitis camilla (ilLimCami1) germline mutational spectrum



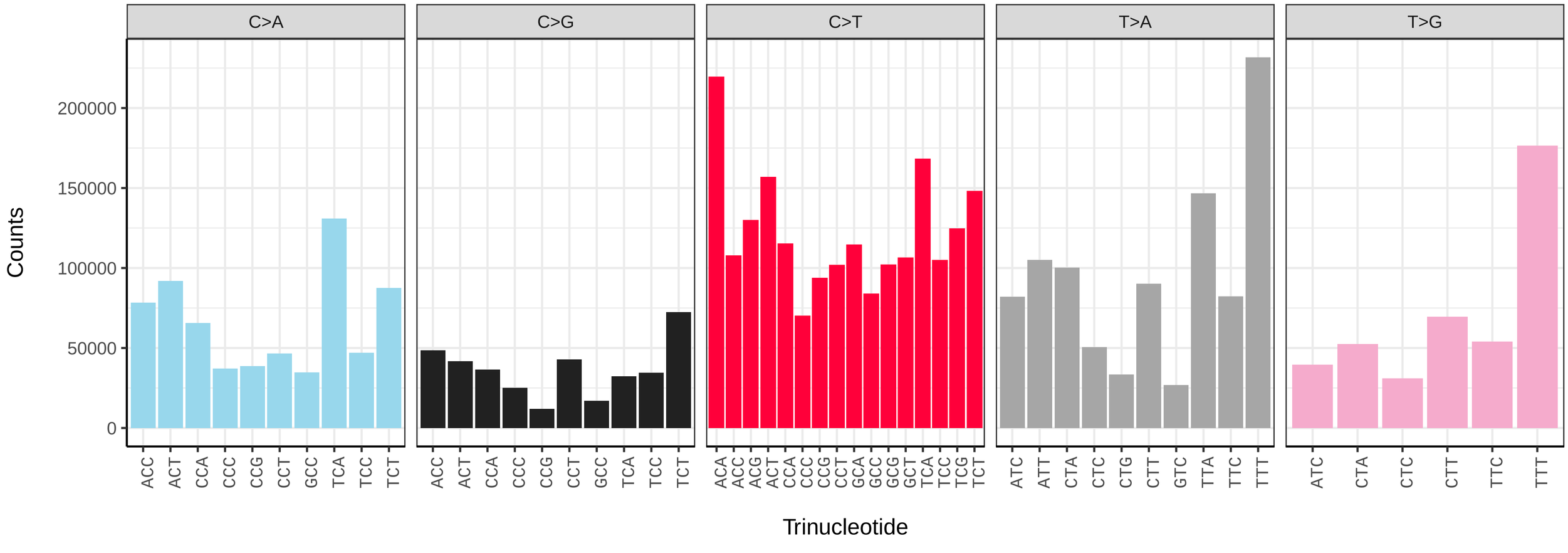
Limenitis camilla (ilLimCami1) somatic mutational spectrum (SBS96 classification)



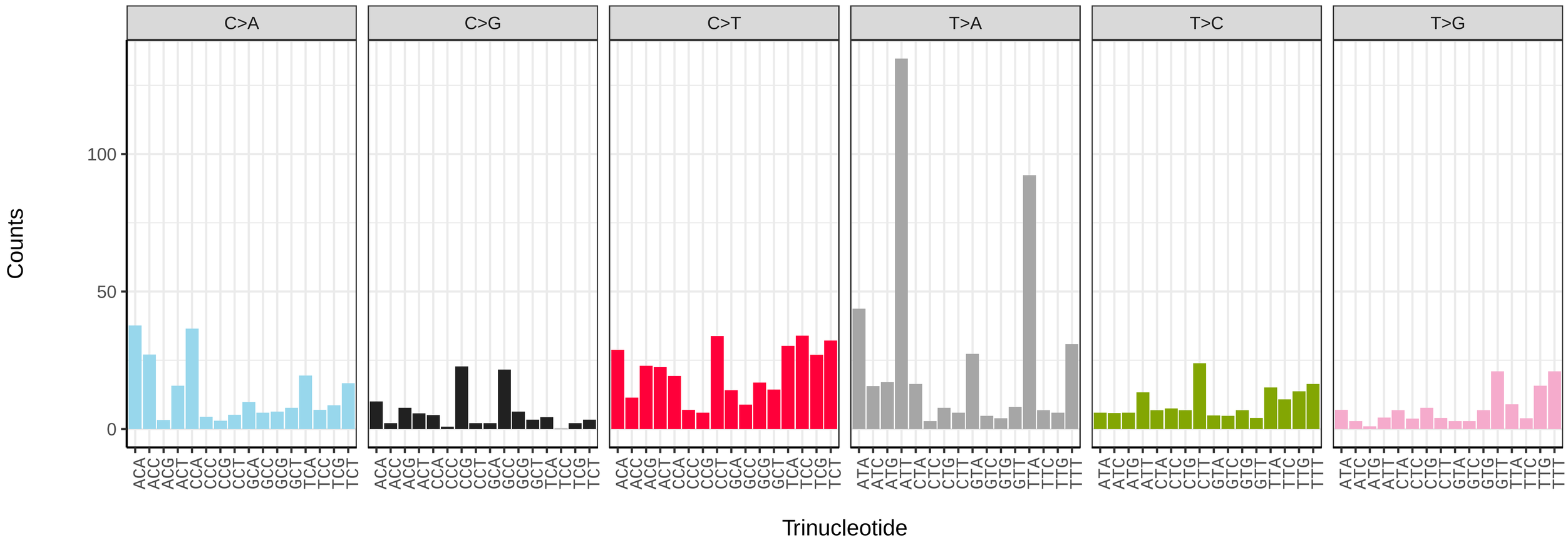
Limenitis camilla (ilLimCami1) somatic mutational spectrum (SBS52 classification)



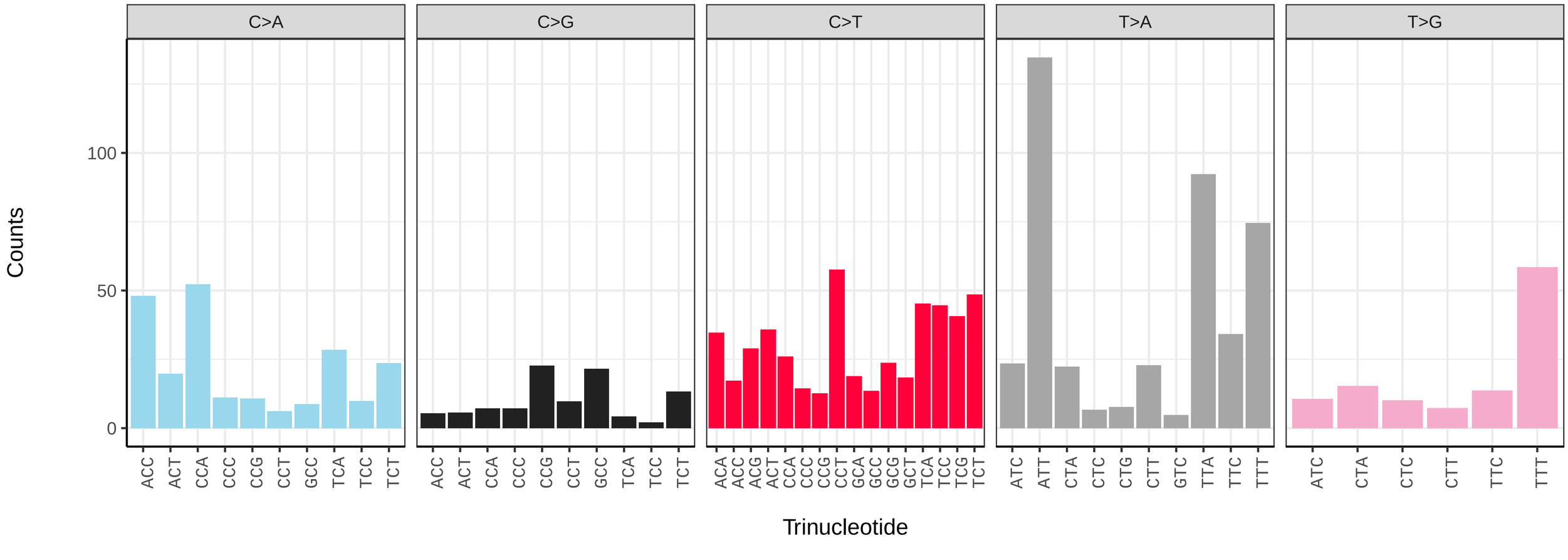
Lithophane ornitopus (ilLitOrni1) germline mutational spectrum



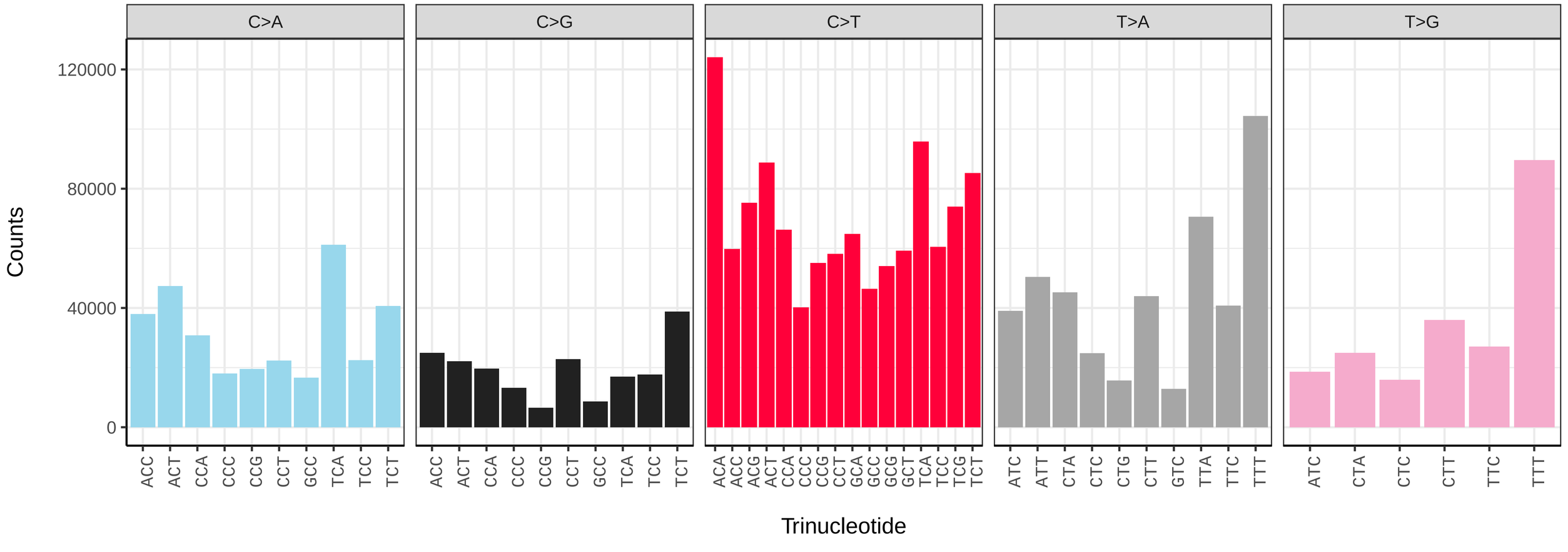
Lithophane ornitopus (ilLitOrni1) somatic mutational spectrum (SBS96 classification)



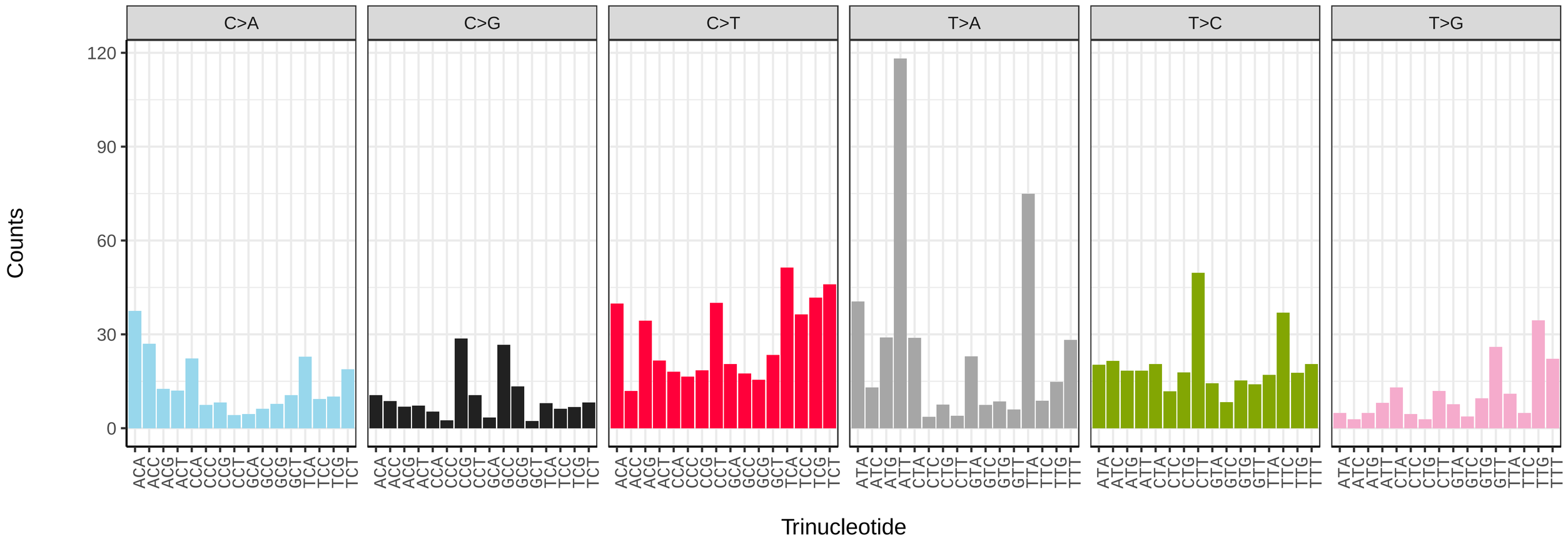
Lithophane ornitopus (ilLitOrni1) somatic mutational spectrum (SBS52 classification)



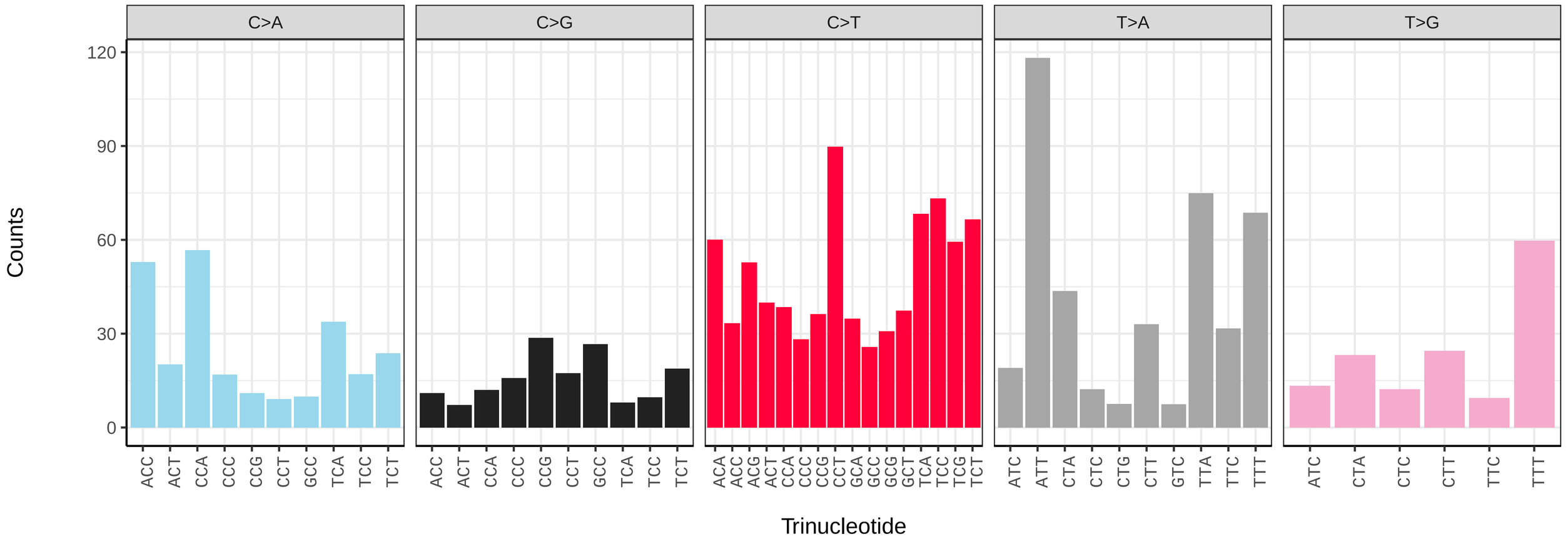
Lithophane semibrunnea (ilLitSemi2) germline mutational spectrum



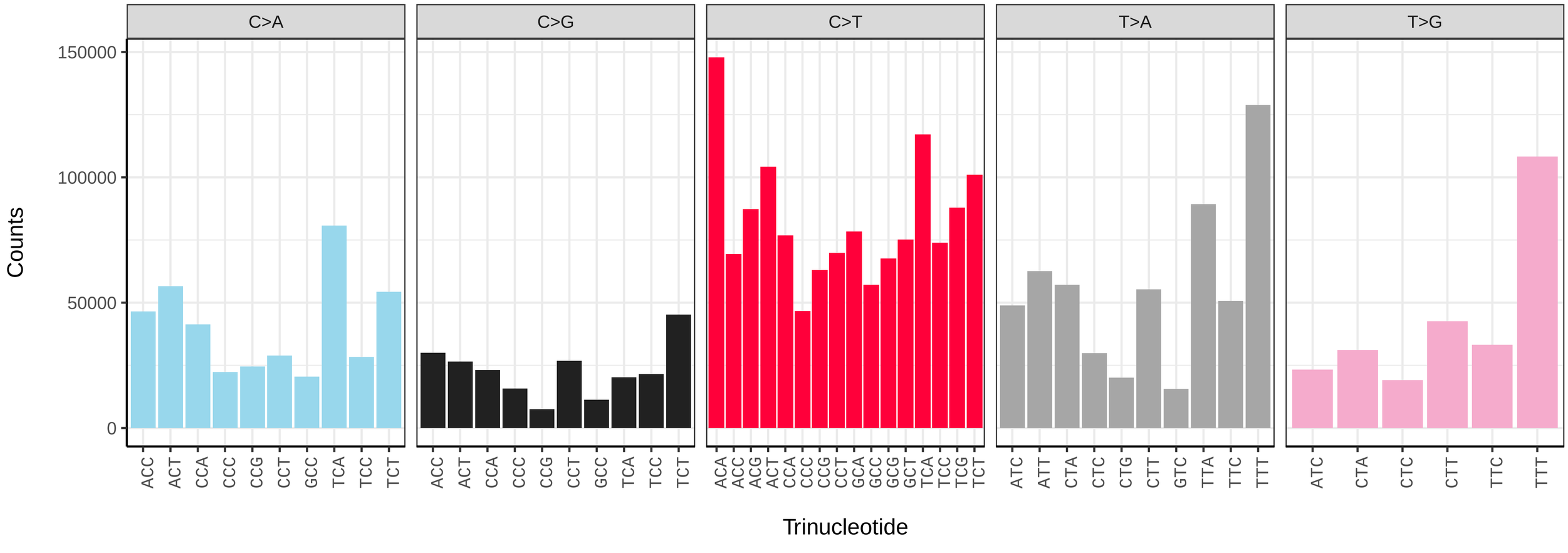
Lithophane semibrunnea (ilLitSemi2) somatic mutational spectrum (SBS96 classification)



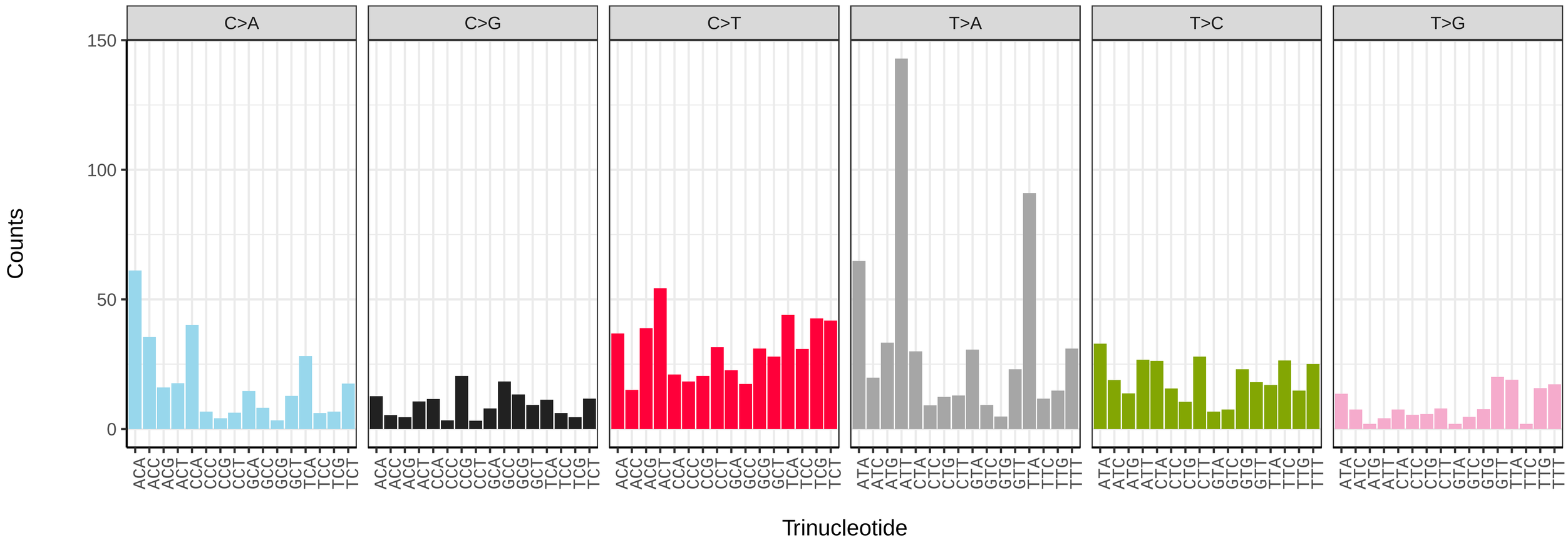
Lithophane semibrunnea (ilLitSemi2) somatic mutational spectrum (SBS52 classification)



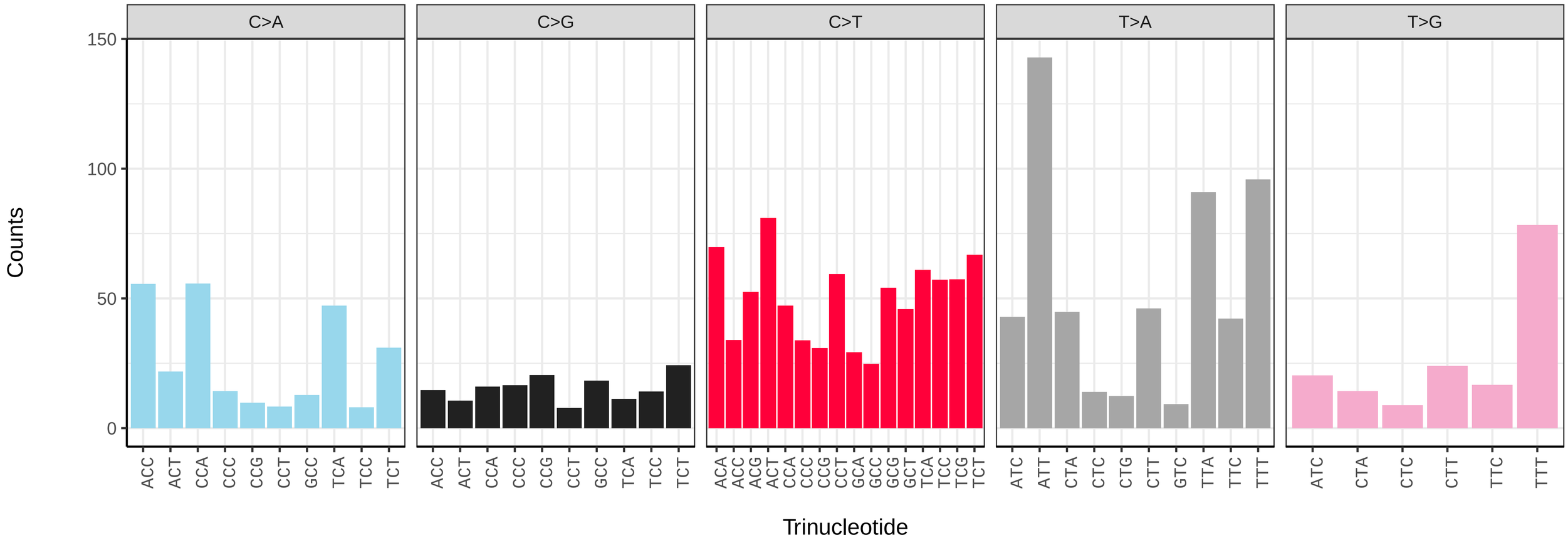
Lithophane socia (ilLitSoci1) germline mutational spectrum



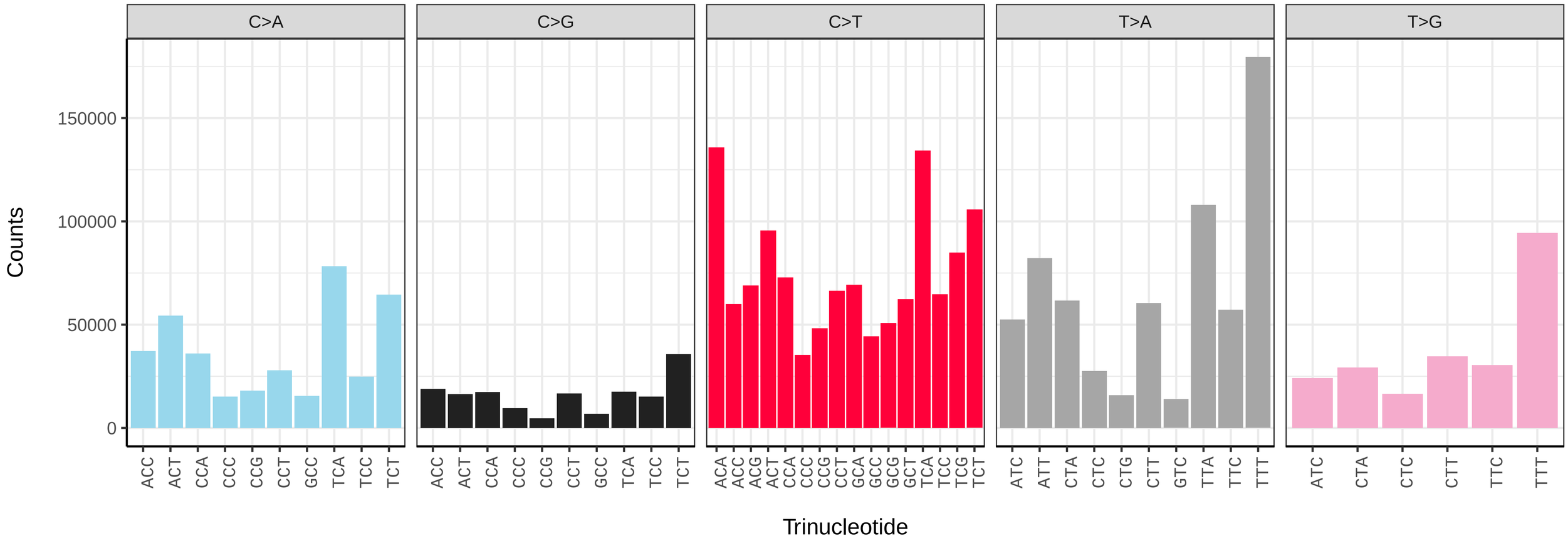
Lithophane socia (ilLitSoci1) somatic mutational spectrum (SBS96 classification)



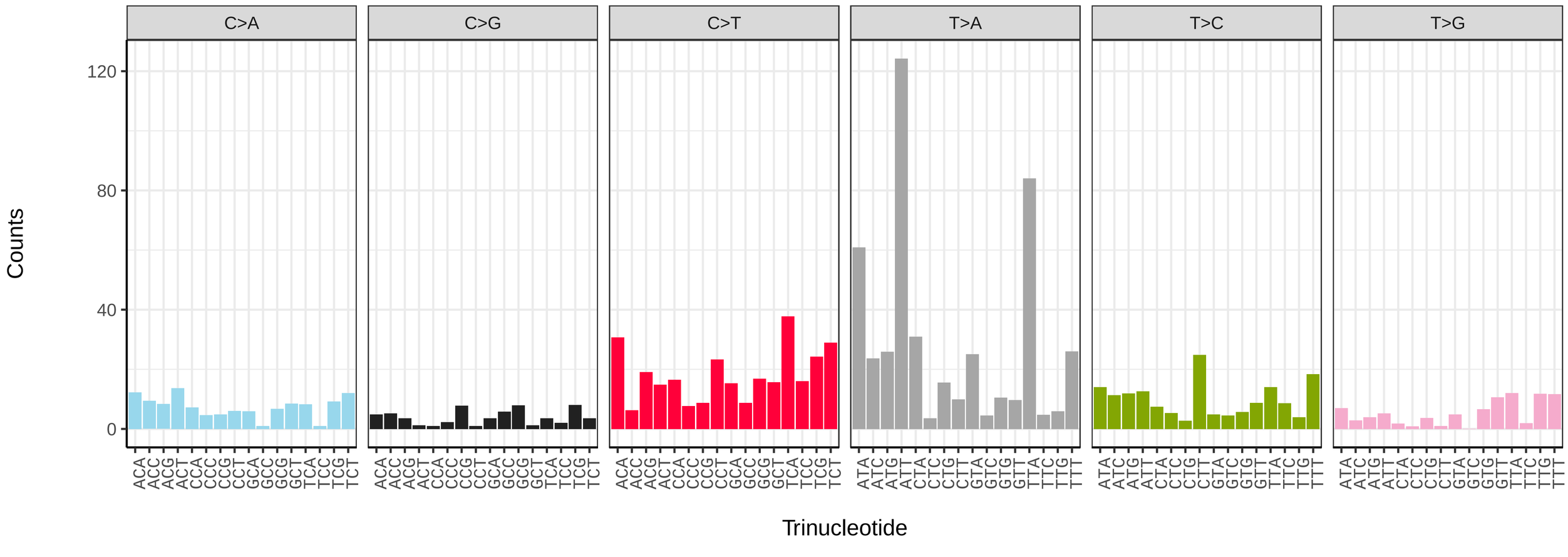
Lithophane socia (ilLitSoci1) somatic mutational spectrum (SBS52 classification)



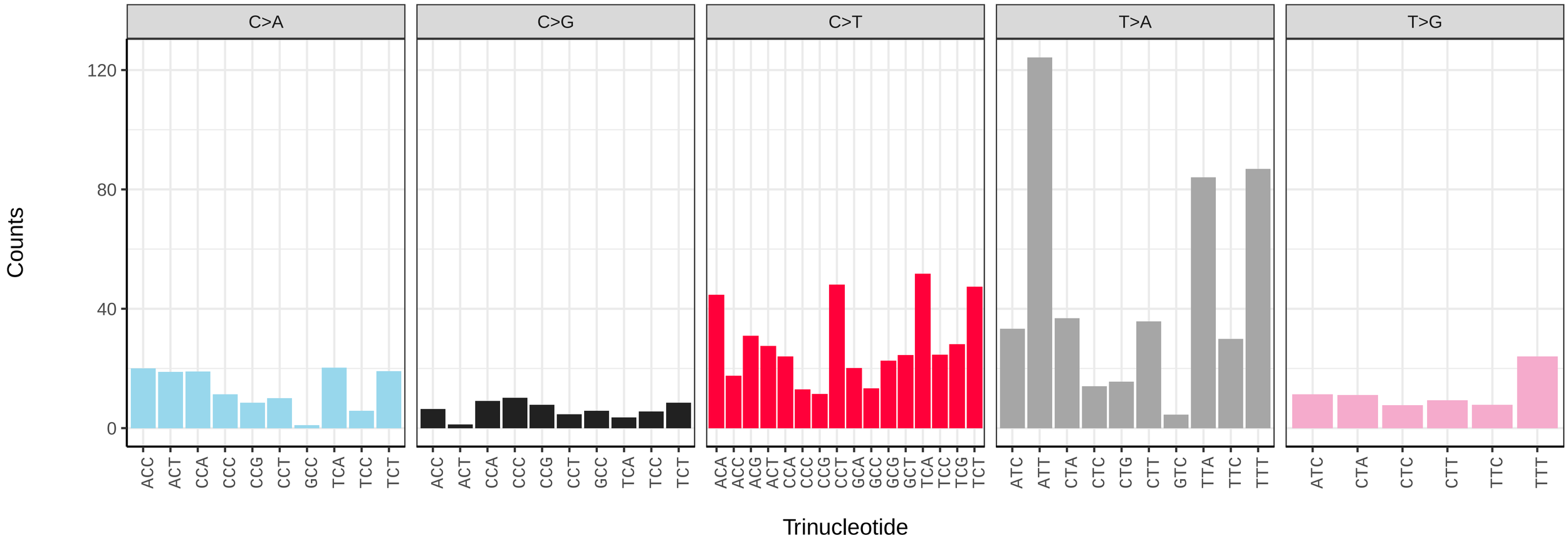
Lobophora halterata (ilLobHalt1) germline mutational spectrum



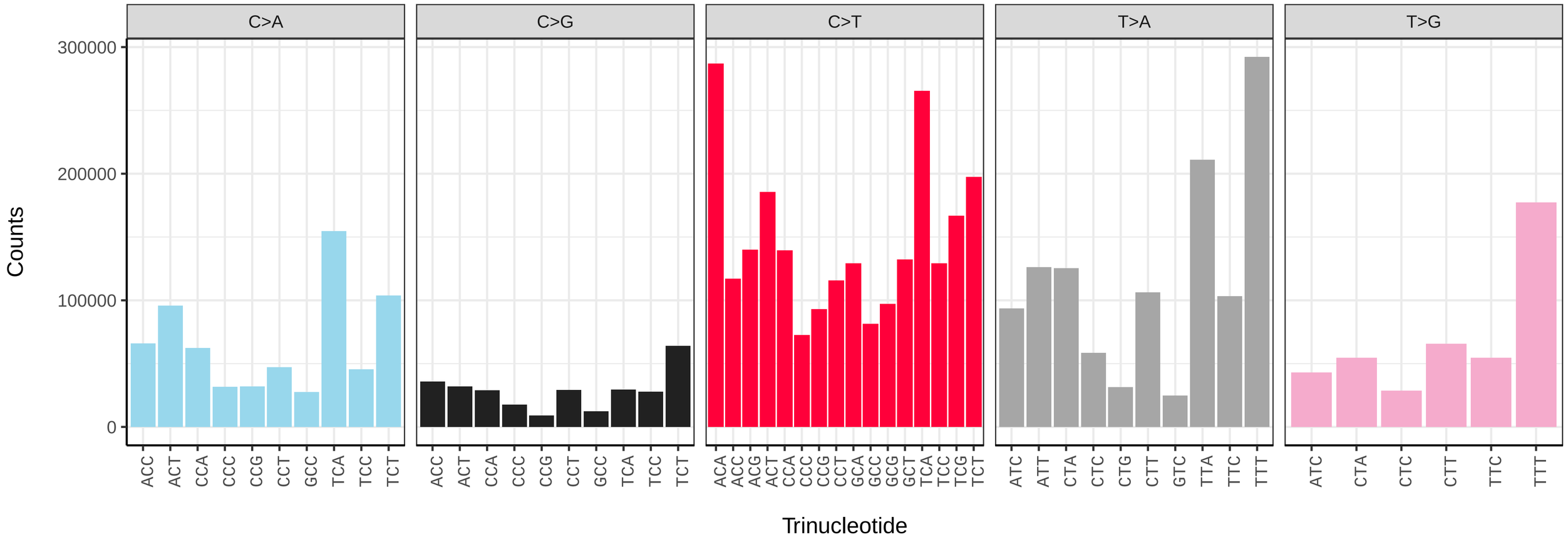
Lobophora halterata (ilLobHalt1) somatic mutational spectrum (SBS96 classification)



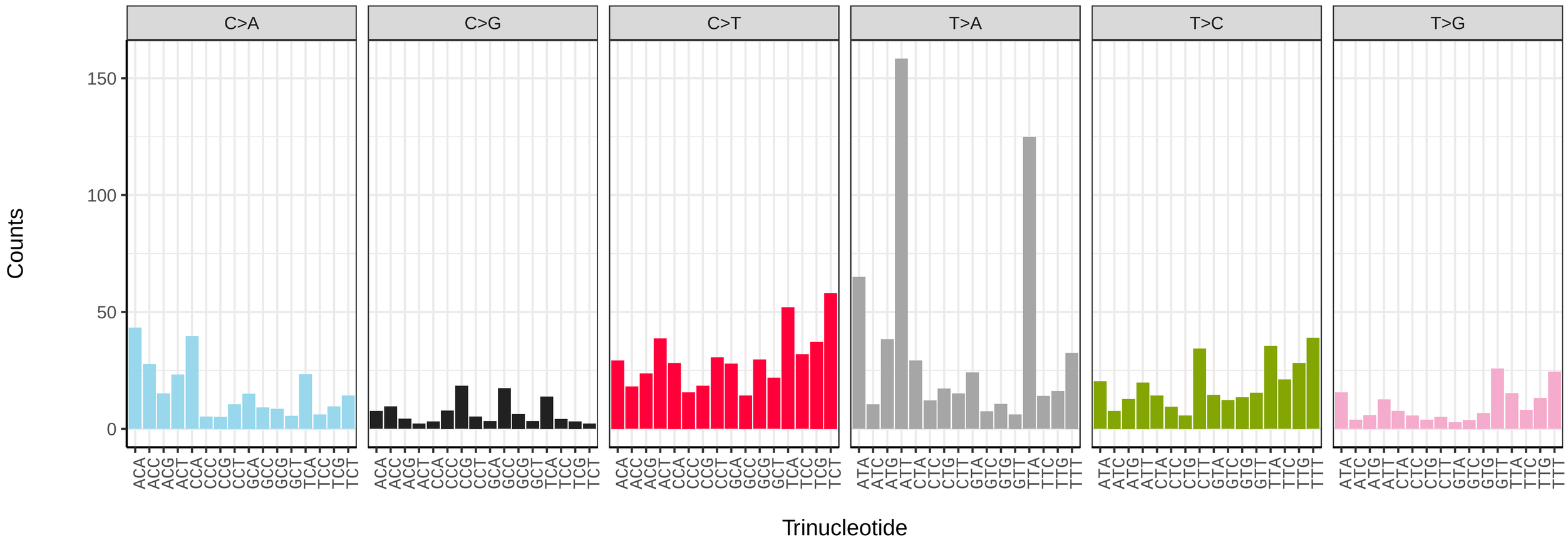
Lobophora halterata (ilLobHalt1) somatic mutational spectrum (SBS52 classification)



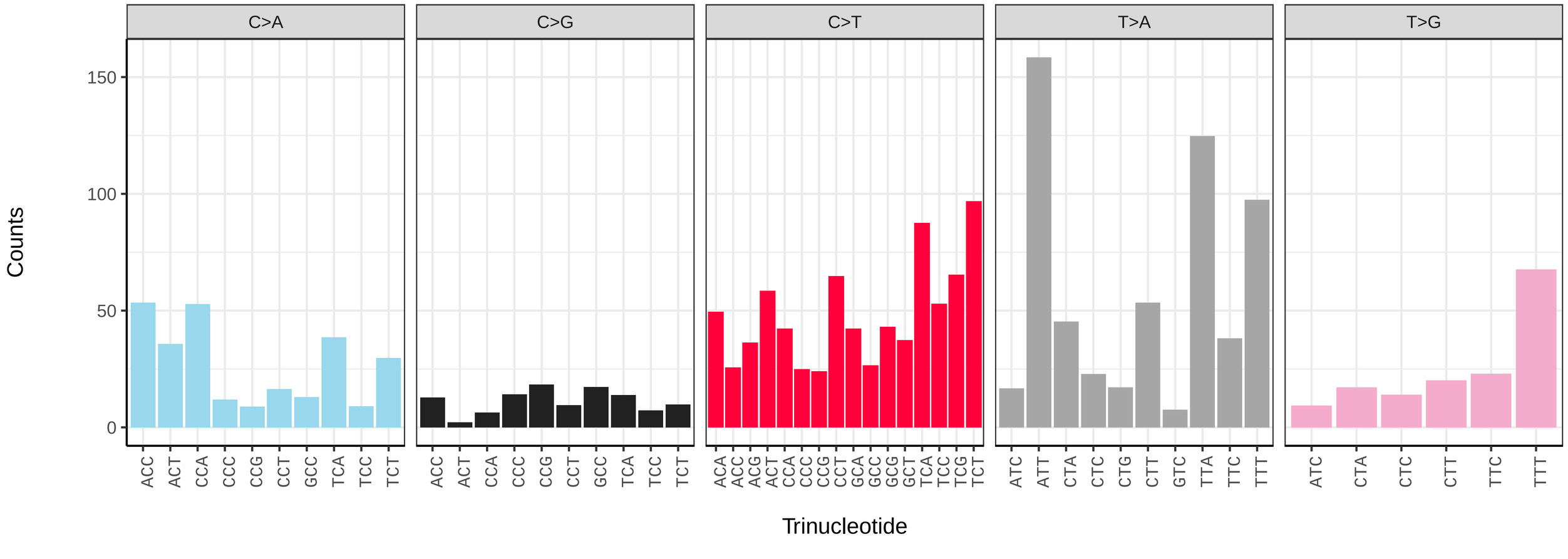
Lomographa bimaculata (ilLomBima1) germline mutational spectrum



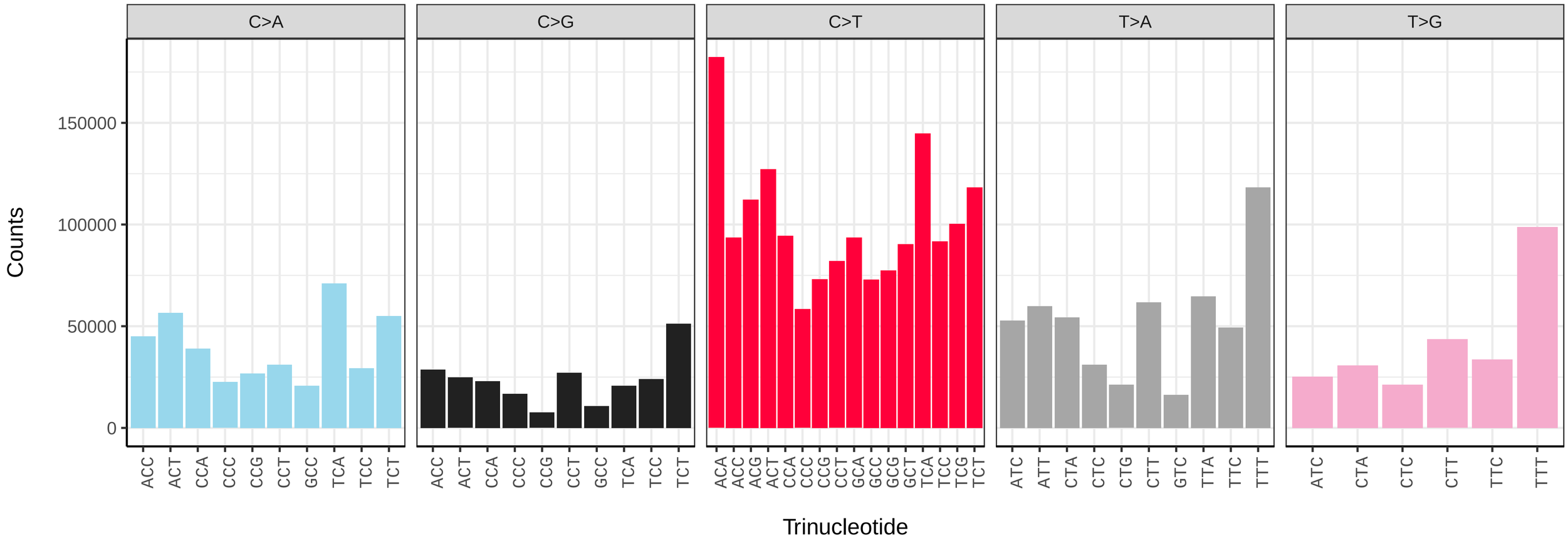
Lomographa bimaculata (ilLomBima1) somatic mutational spectrum (SBS96 classification)



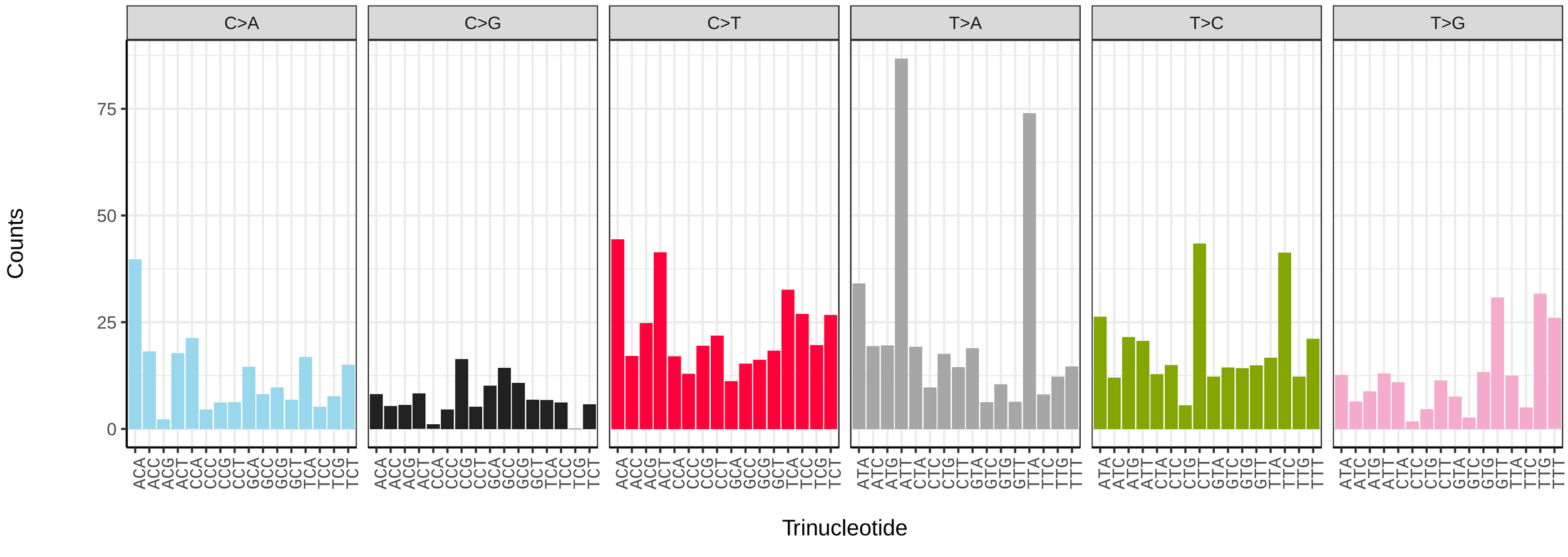
Lomographa bimaculata (ilLomBima1) somatic mutational spectrum (SBS52 classification)



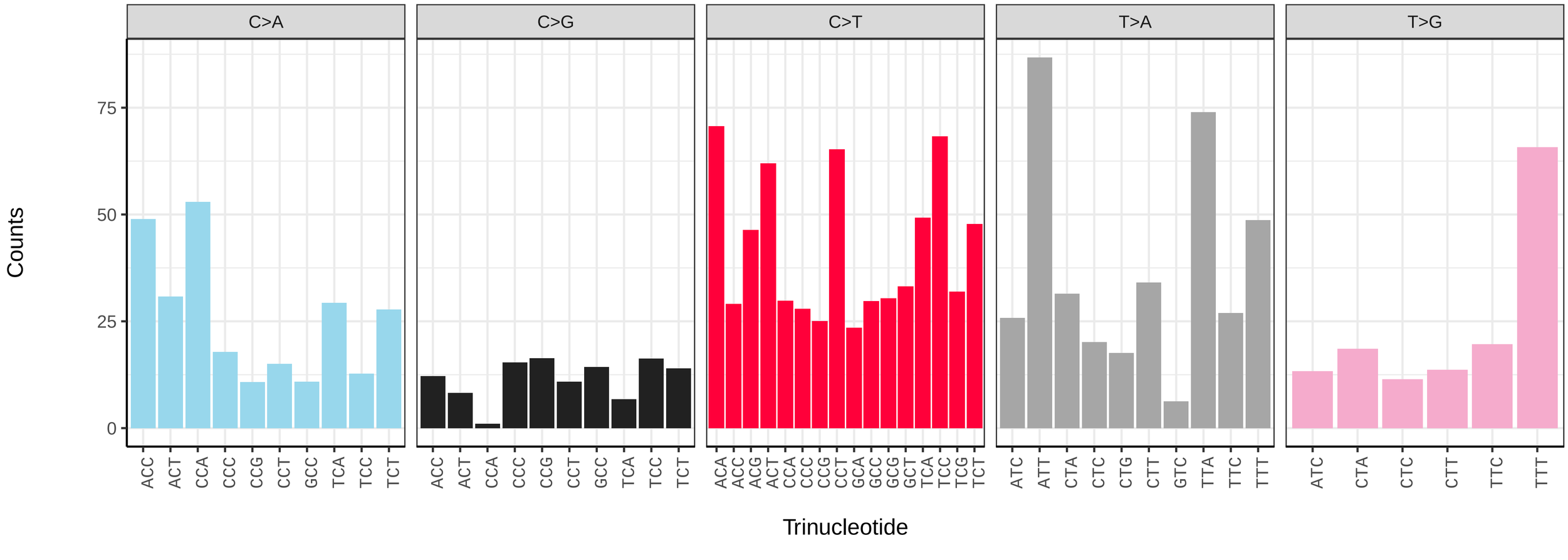
Luperina testacea (ilLupTest1) germline mutational spectrum



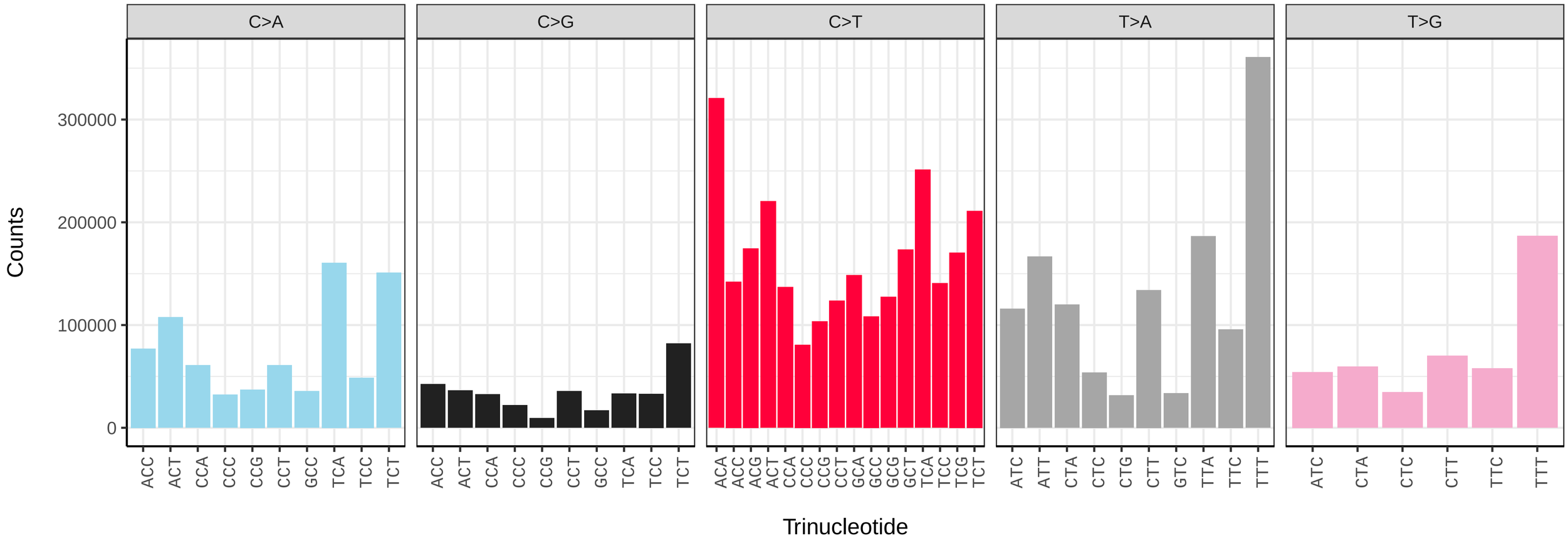
Luperina testacea (ilLupTest1) somatic mutational spectrum (SBS96 classification)



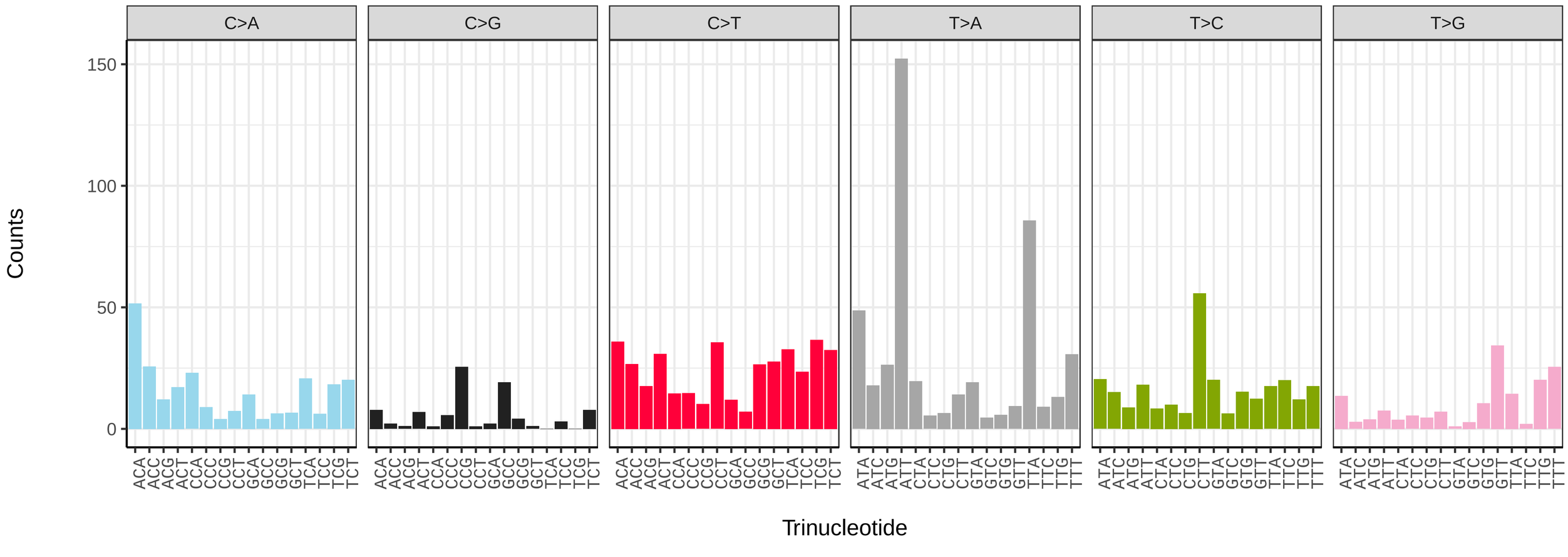
Luperina testacea (ilLupTest1) somatic mutational spectrum (SBS52 classification)



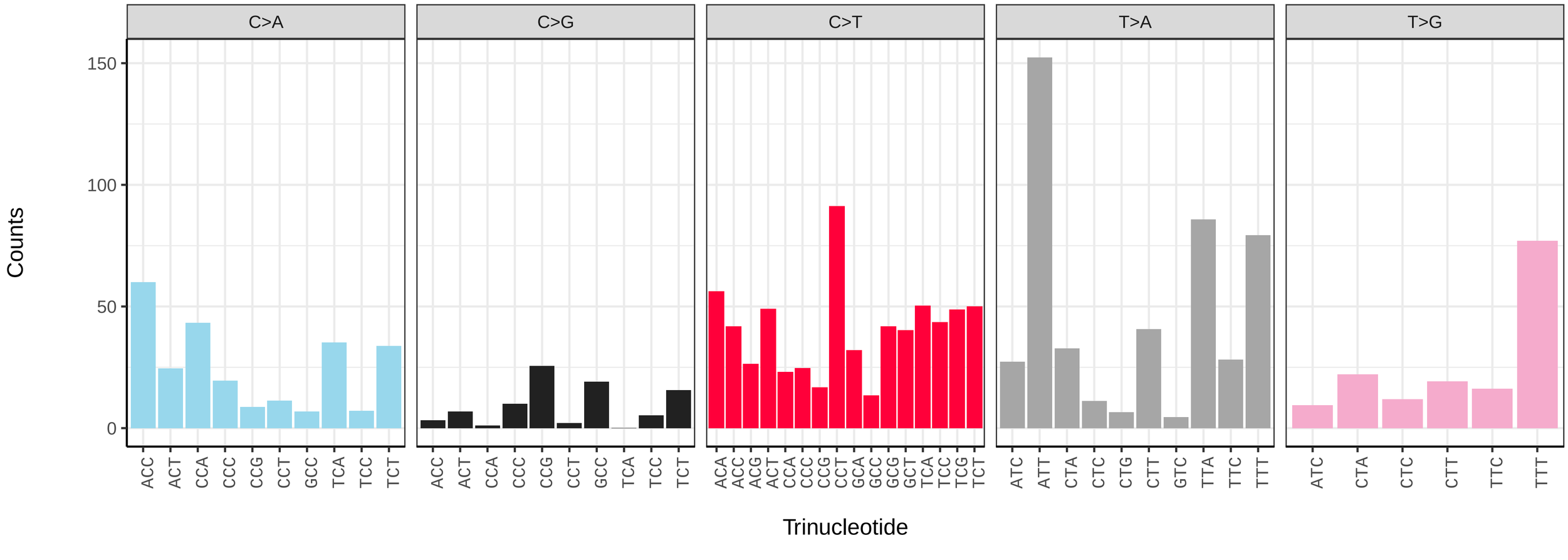
Lycia hirtaria (ilLycHirt1) germline mutational spectrum



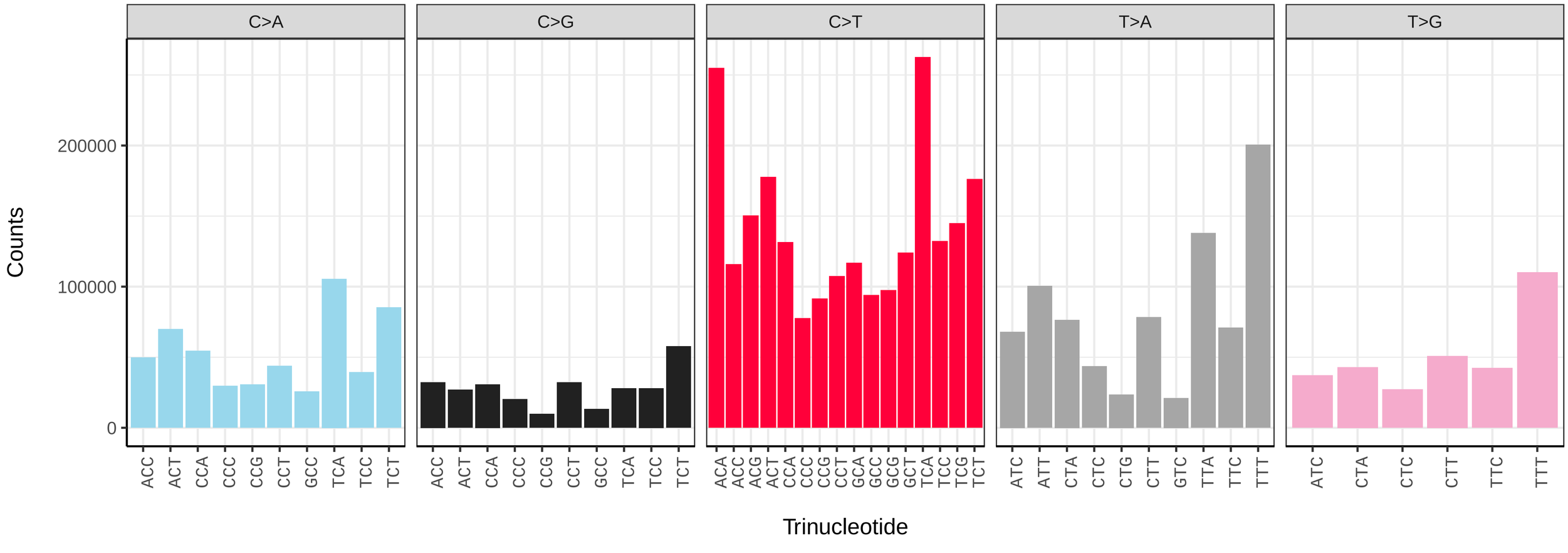
Lycia hirtaria (ilLycHirt1) somatic mutational spectrum (SBS96 classification)



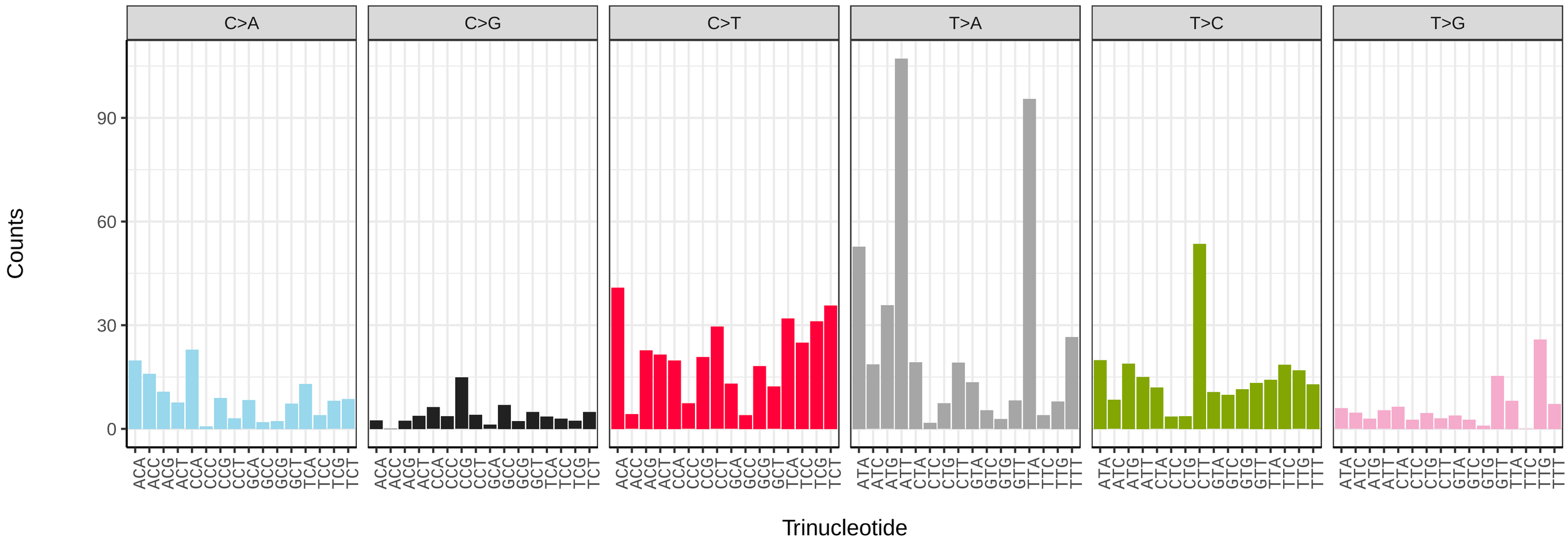
Lycia hirtaria (ilLycHirt1) somatic mutational spectrum (SBS52 classification)



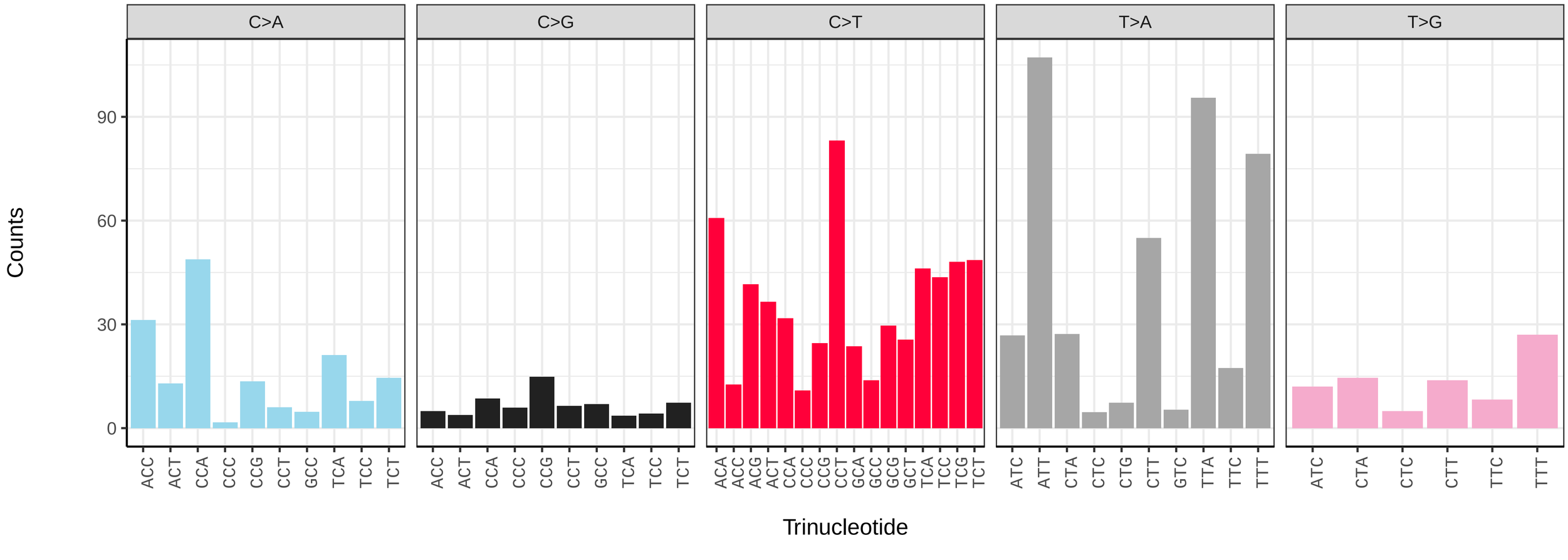
Lycaena phlaeas (ilLycPhla1) germline mutational spectrum



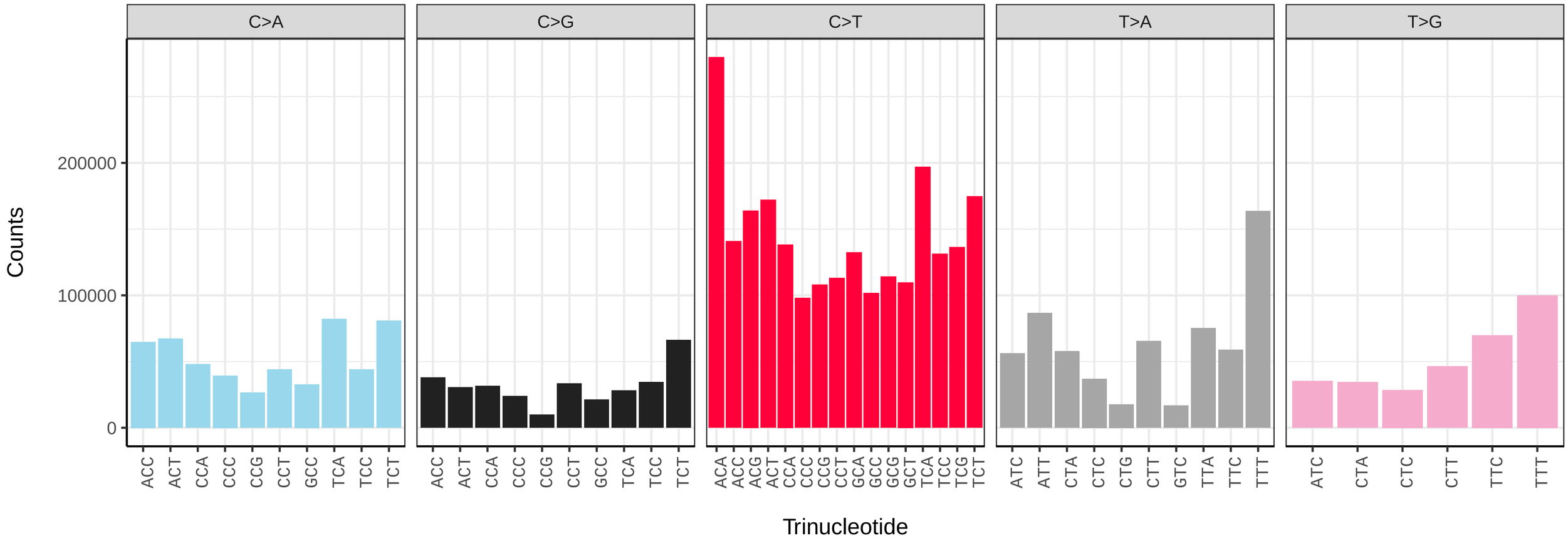
Lycaena phlaeas (ilLycPhla1) somatic mutational spectrum (SBS96 classification)



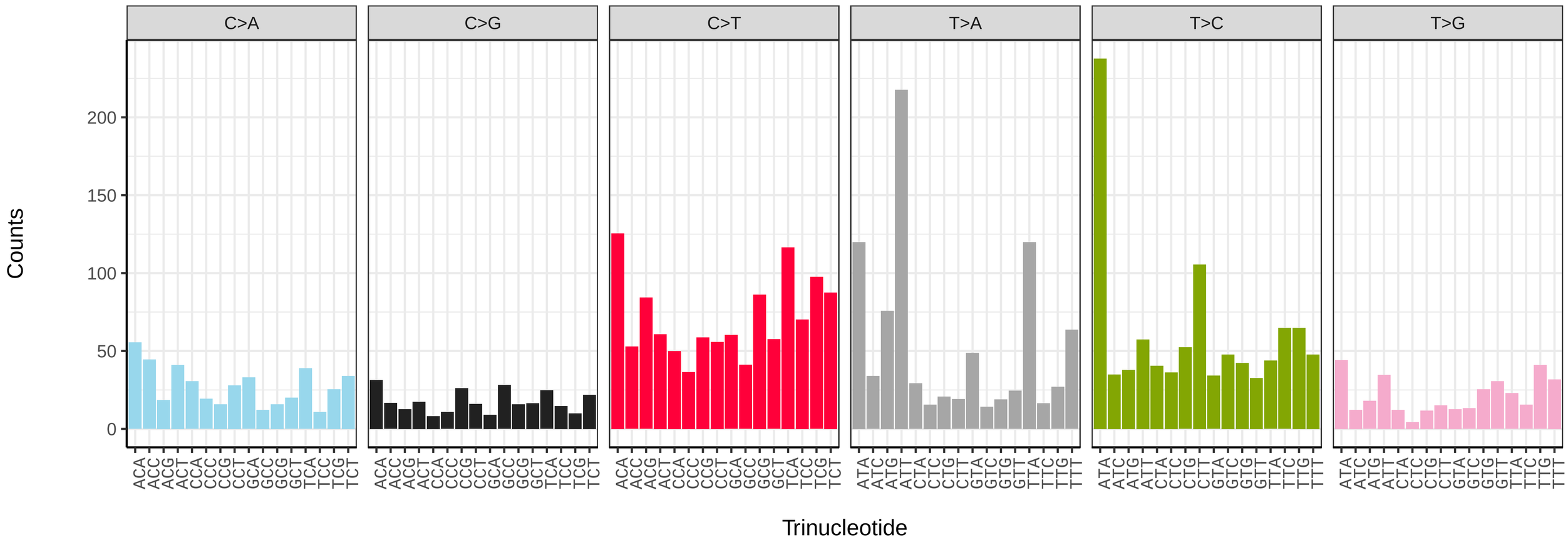
Lycaena phlaeas (ilLycPhla1) somatic mutational spectrum (SBS52 classification)



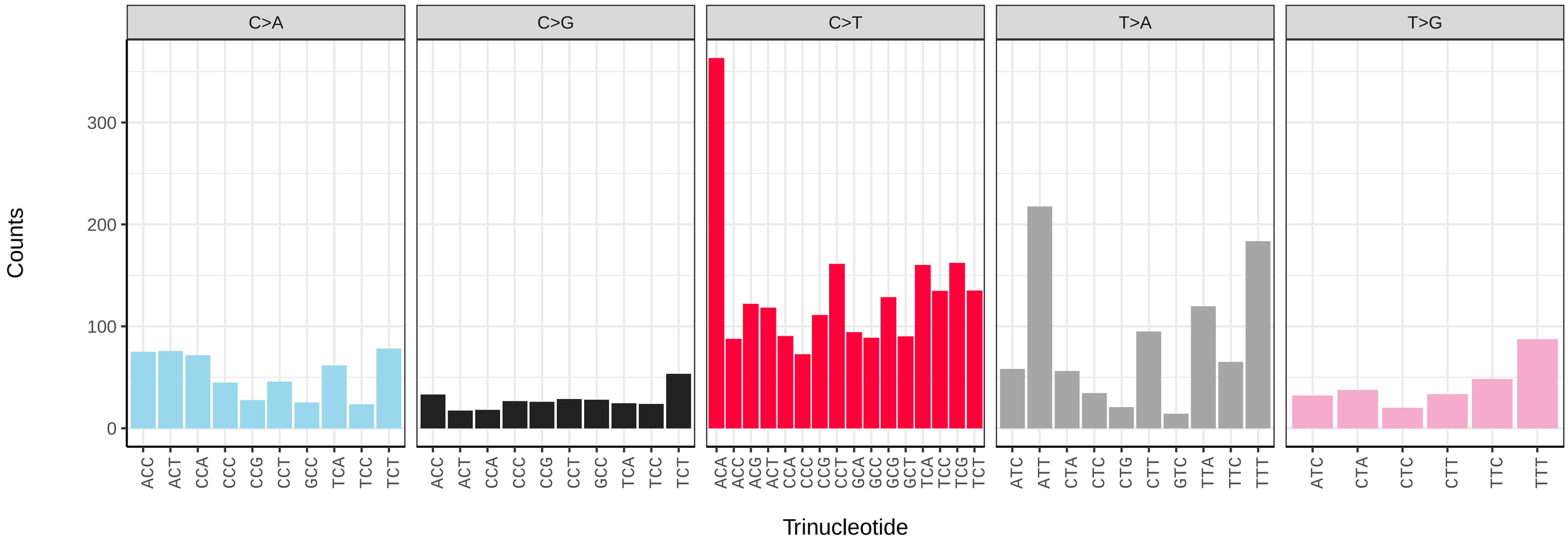
Lymantria monacha (ilLymMona1) germline mutational spectrum



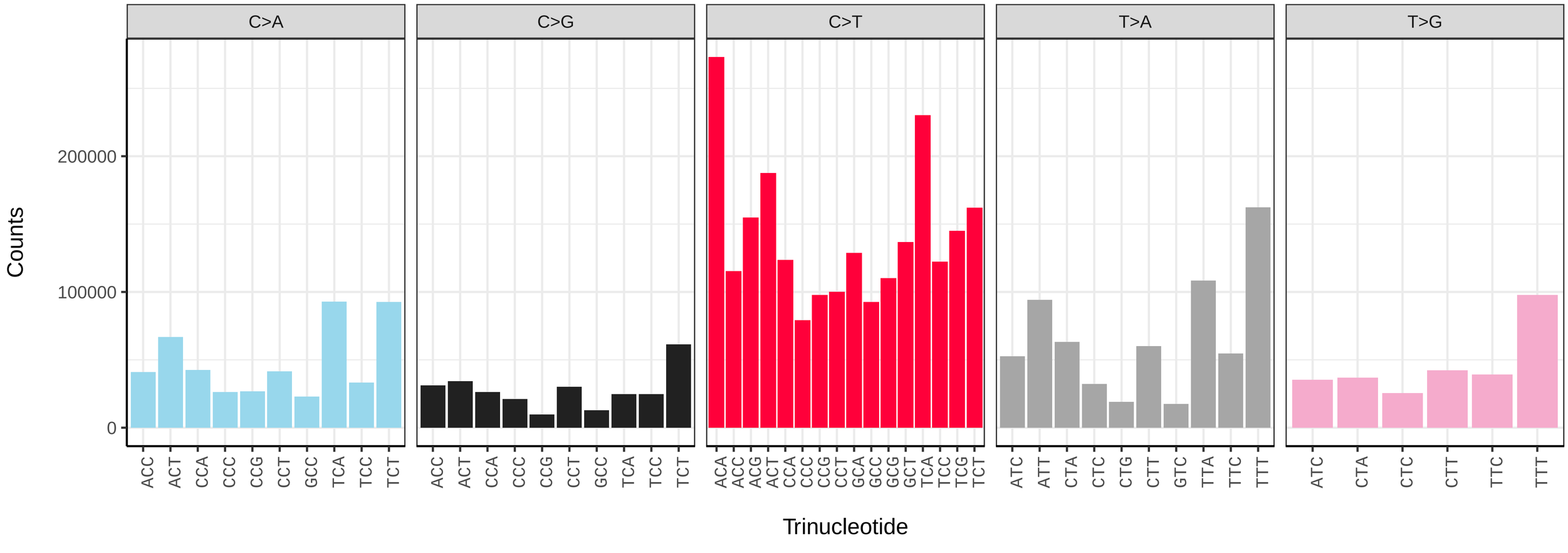
Lymantria monacha (ilLymMona1) somatic mutational spectrum (SBS96 classification)



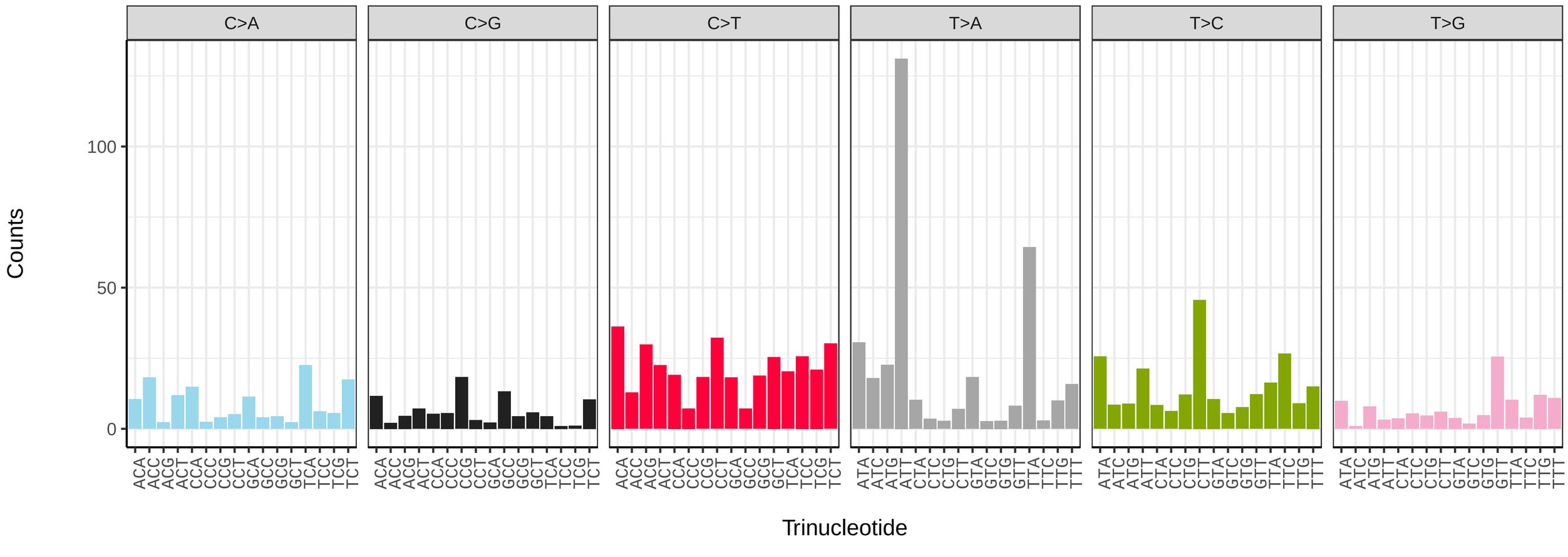
Lymantria monacha (ilLymMona1) somatic mutational spectrum (SBS52 classification)



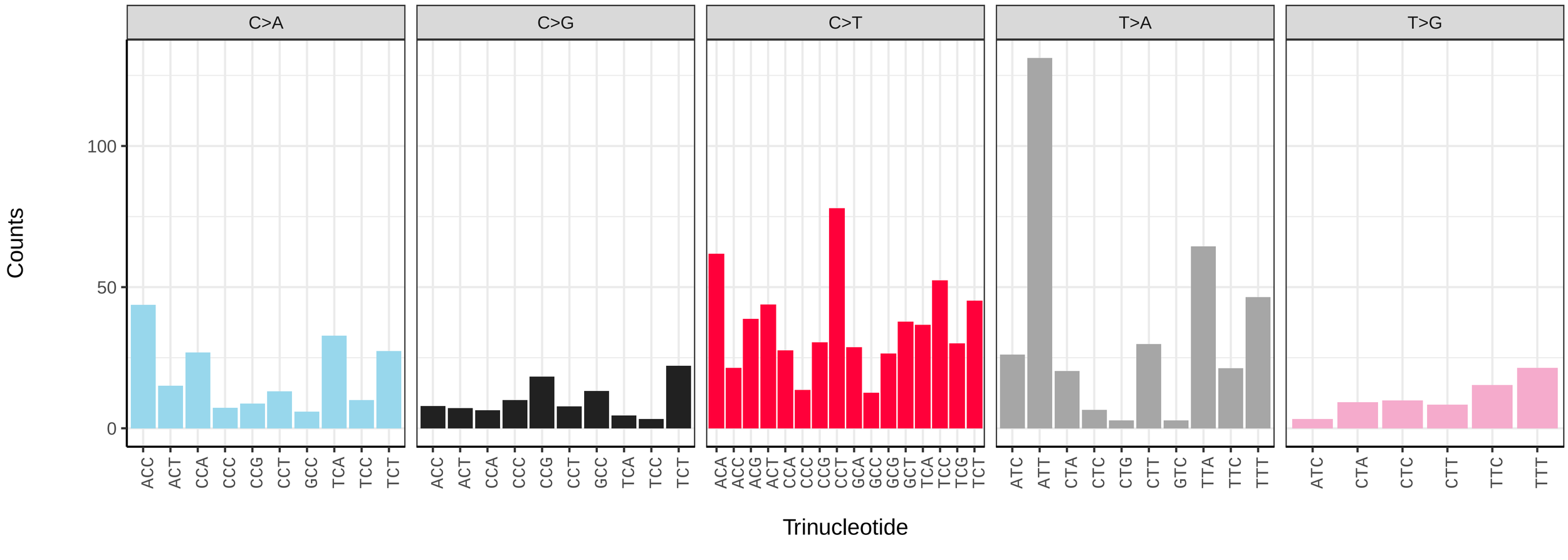
Lysandra bellargus (ilLysBell1) germline mutational spectrum



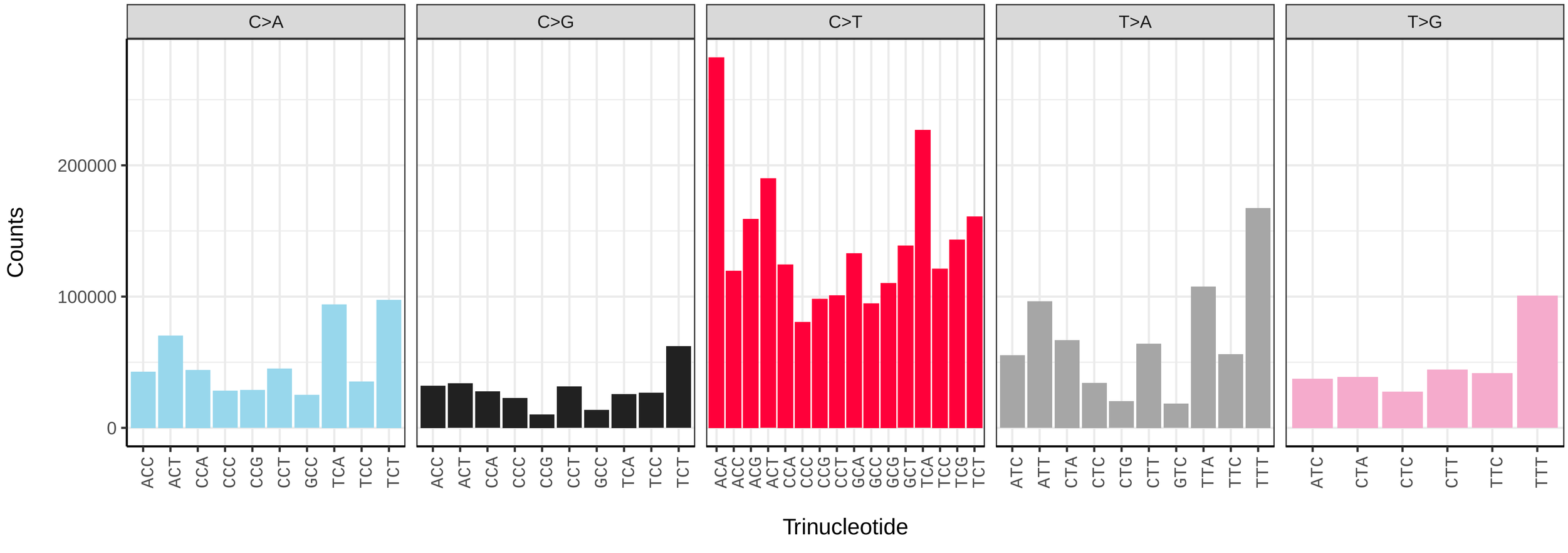
Lysandra bellargus (ilLysBell1) somatic mutational spectrum (SBS96 classification)



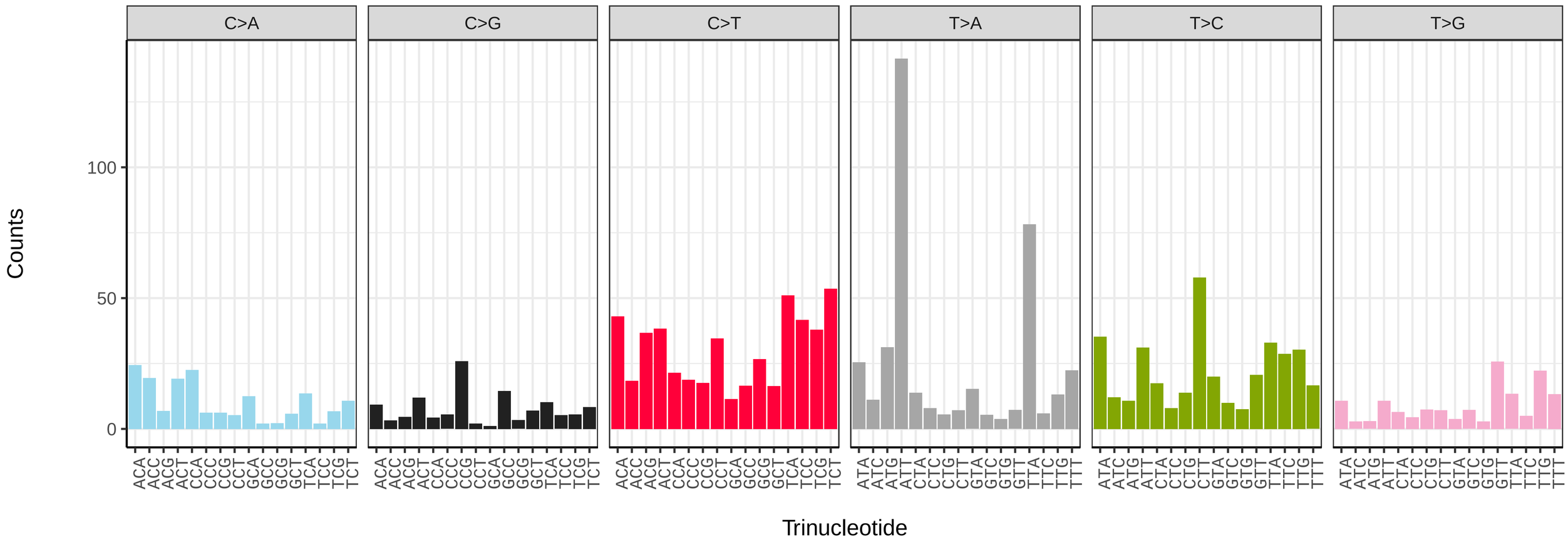
Lysandra bellargus (ilLysBell1) somatic mutational spectrum (SBS52 classification)



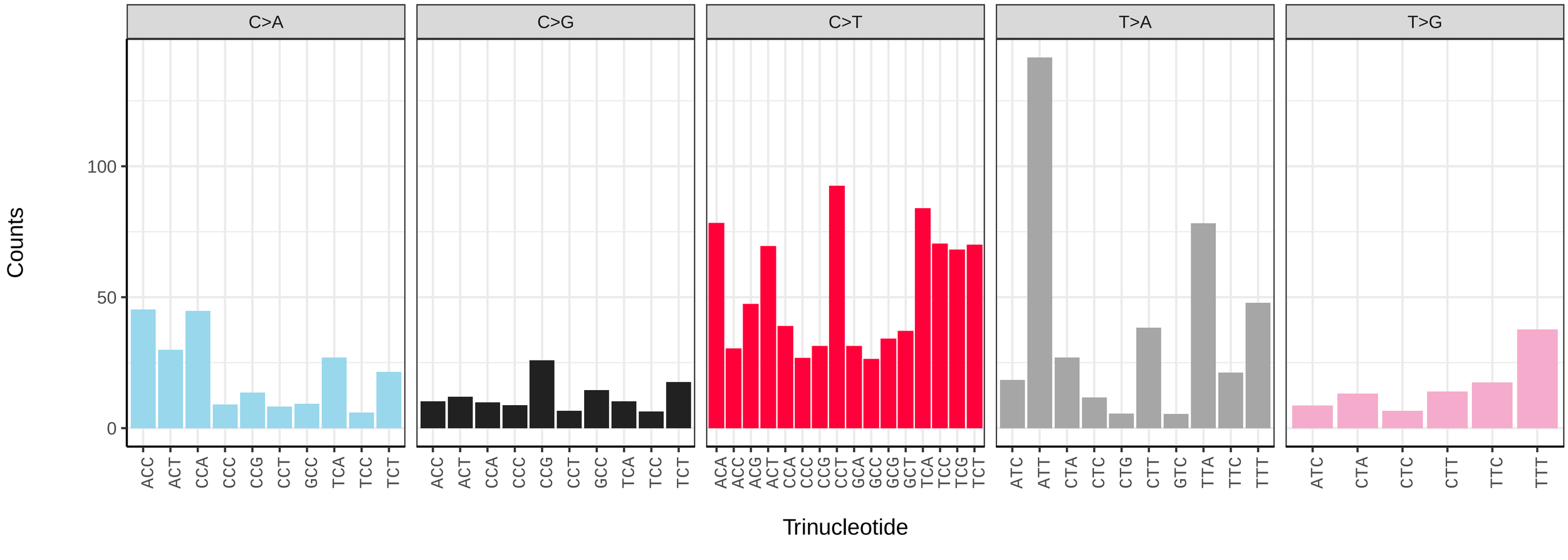
Lysandra coridon (ilLysCori1) germline mutational spectrum



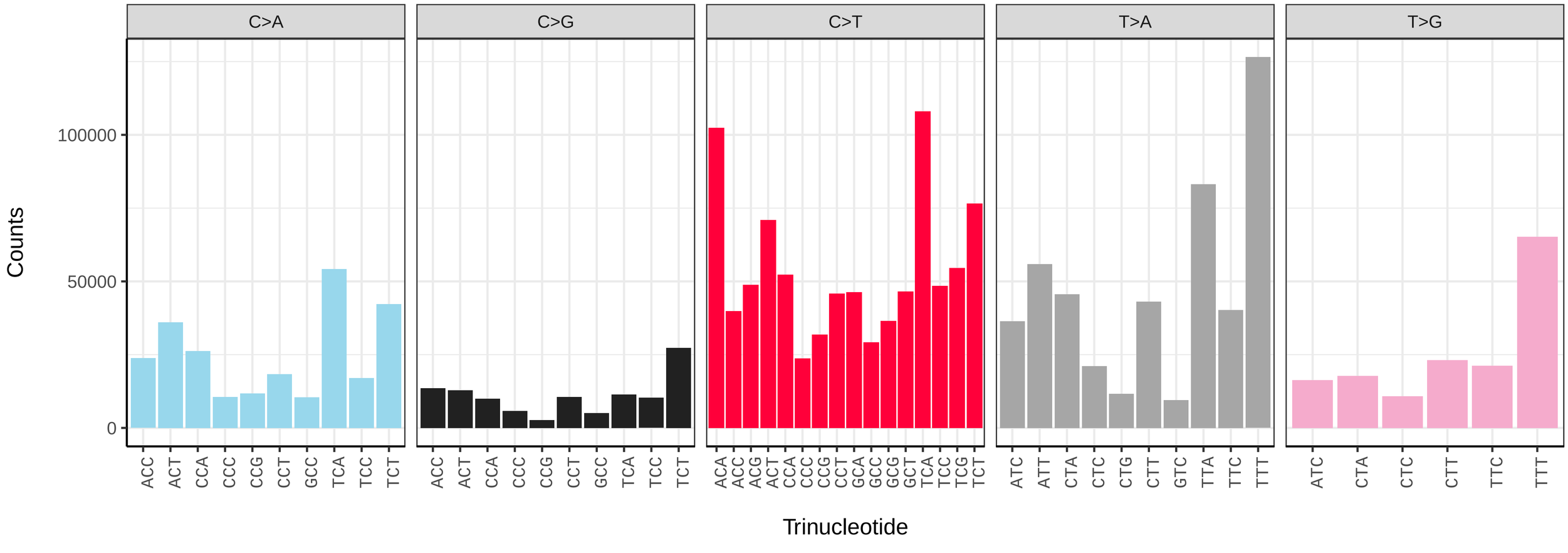
Lysandra coridon (ilLysCori1) somatic mutational spectrum (SBS96 classification)



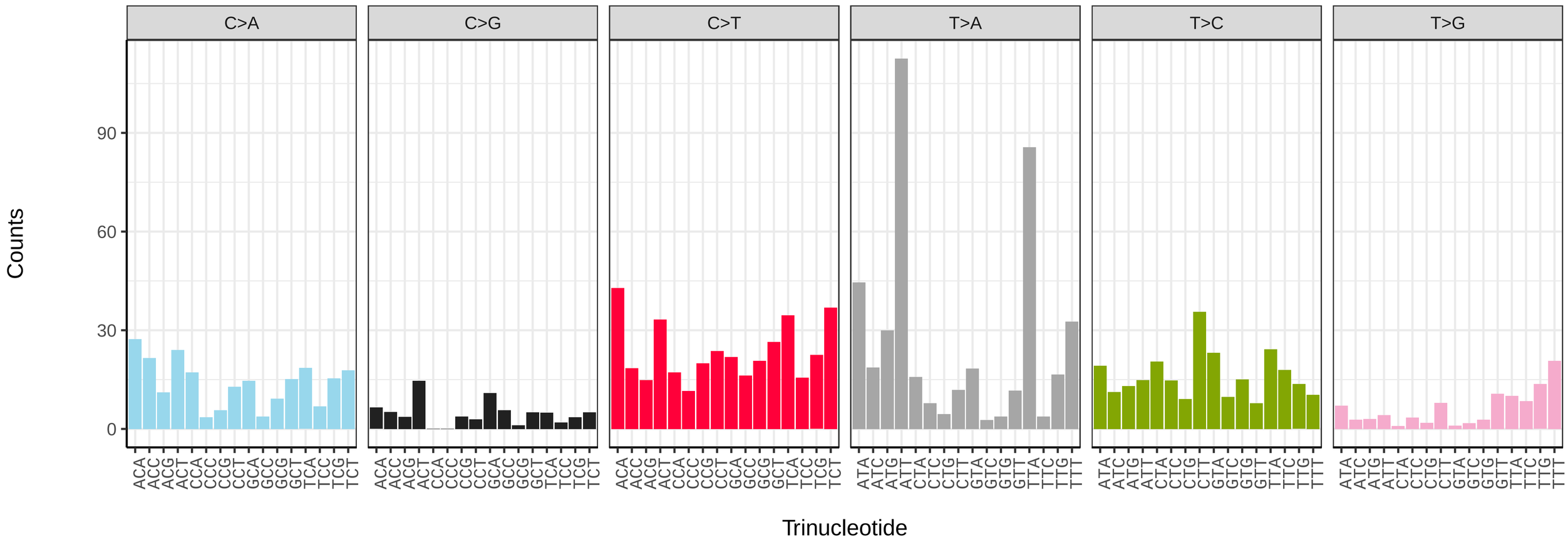
Lysandra coridon (ilLysCori1) somatic mutational spectrum (SBS52 classification)



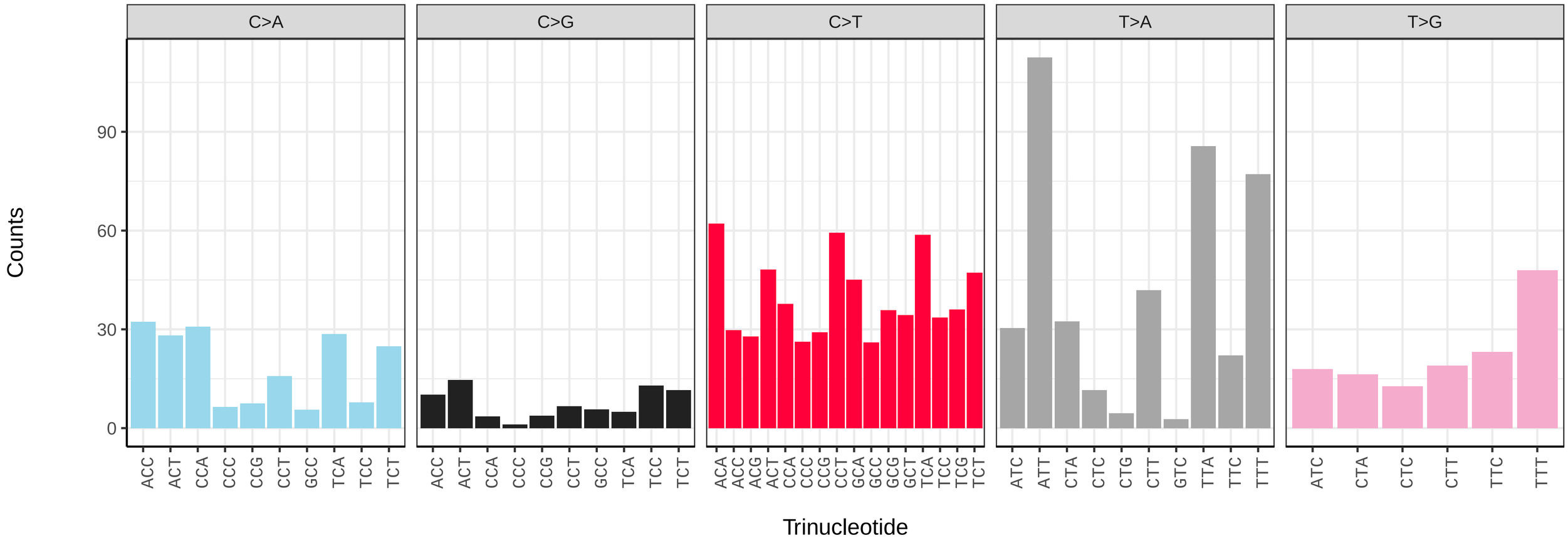
Macaria notata (ilMacNota1) germline mutational spectrum



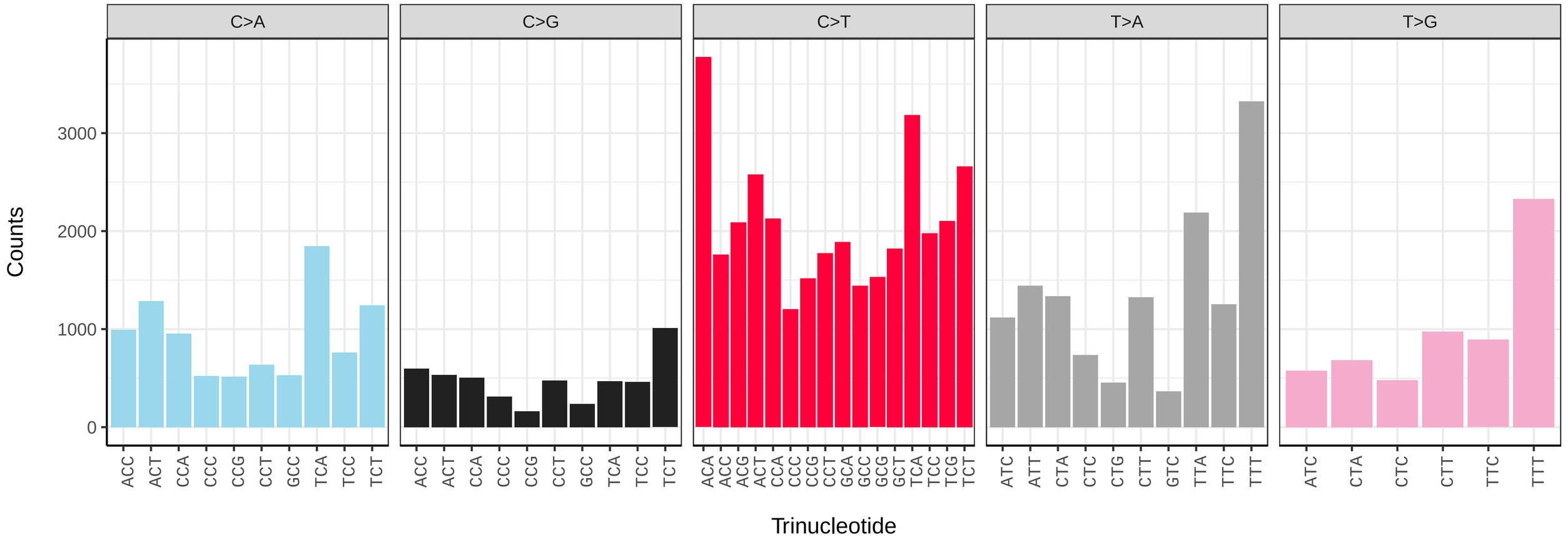
Macaria notata (ilMacNota1) somatic mutational spectrum (SBS96 classification)



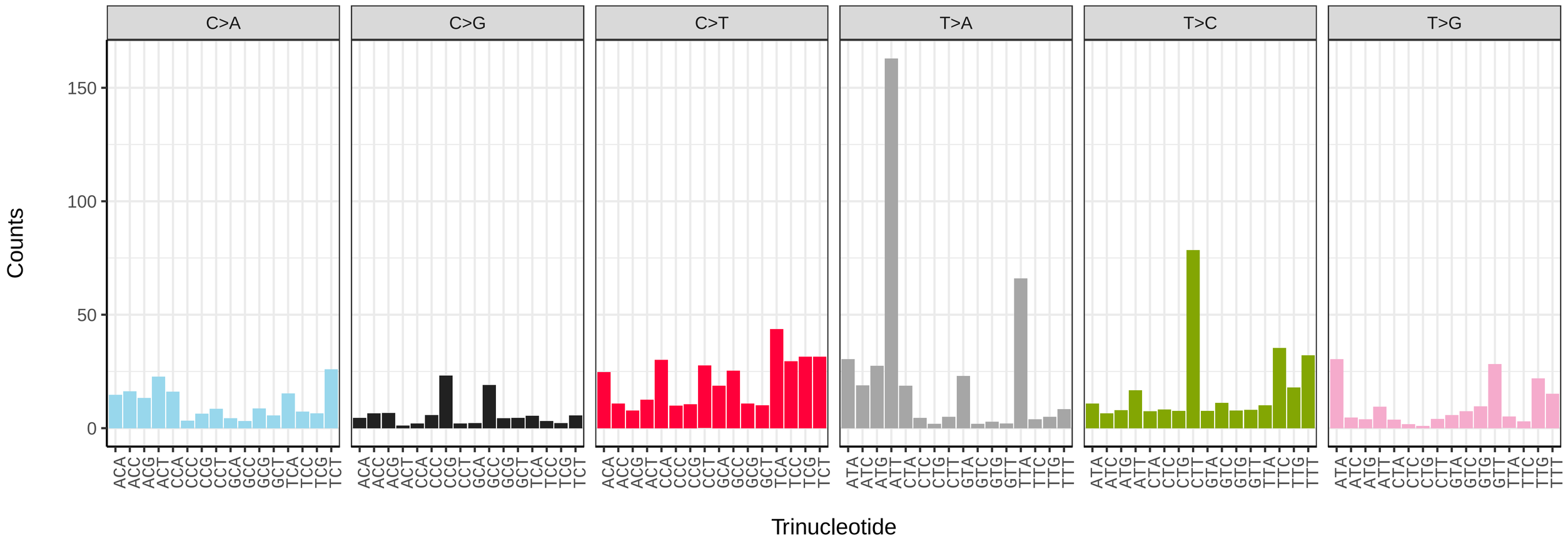
Macaria notata (ilMacNota1) somatic mutational spectrum (SBS52 classification)



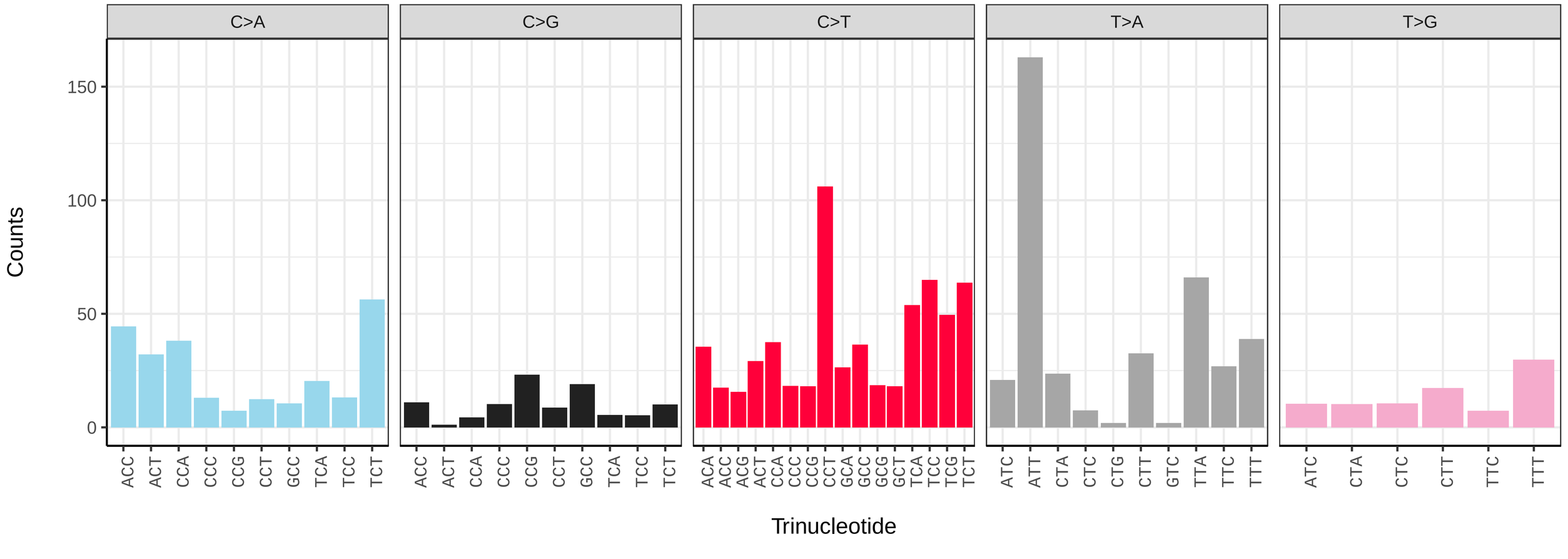
Mamestra brassicae (ilMamBras1) germline mutational spectrum



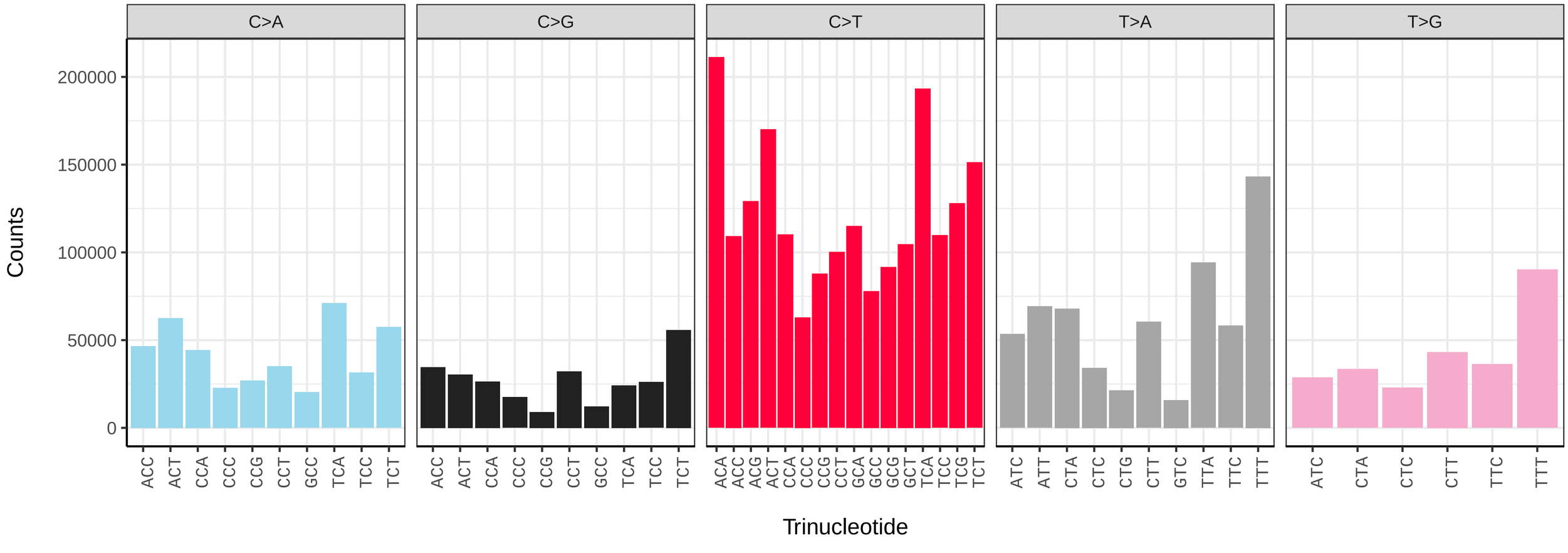
Mamestra brassicae (ilMamBras1) somatic mutational spectrum (SBS96 classification)



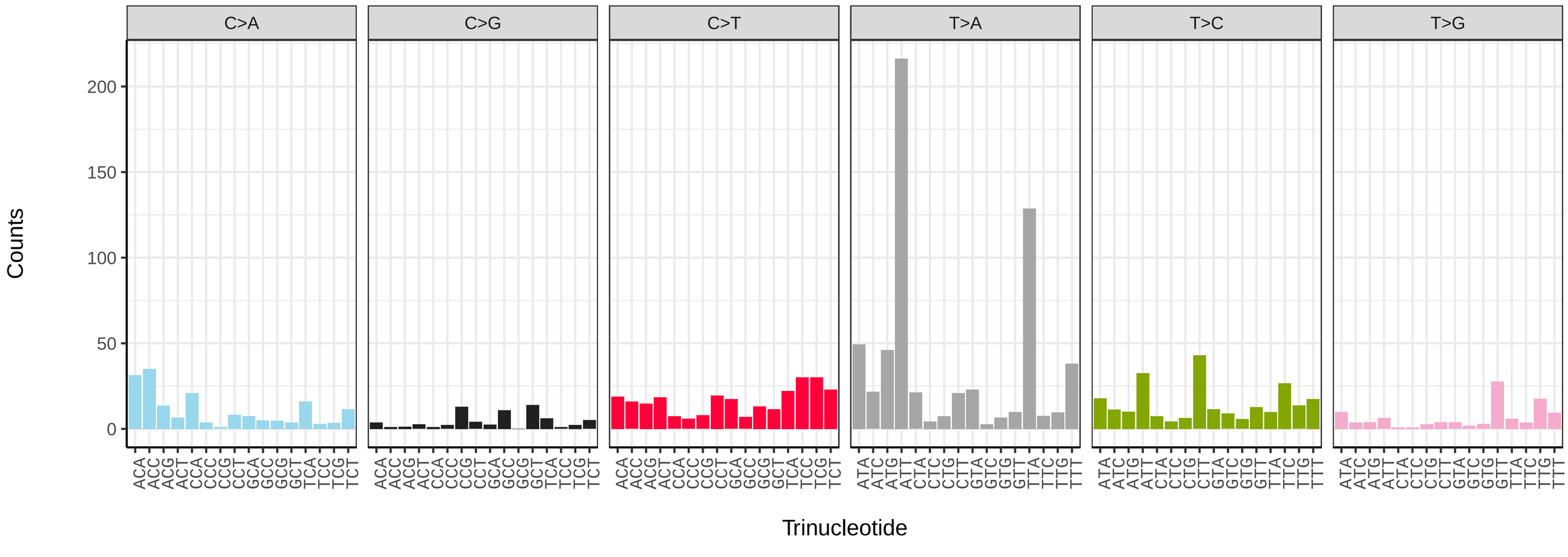
Mamestra brassicae (ilMamBras1) somatic mutational spectrum (SBS52 classification)



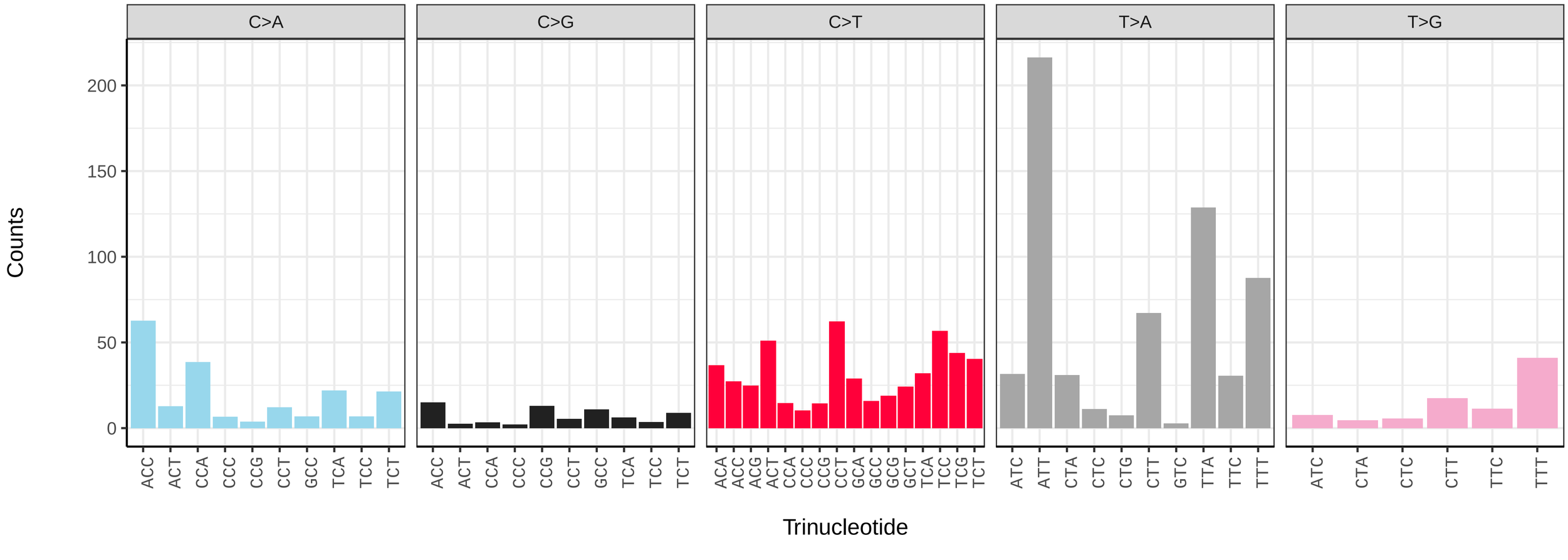
Maniola jurtina (ilManJurt1) germline mutational spectrum



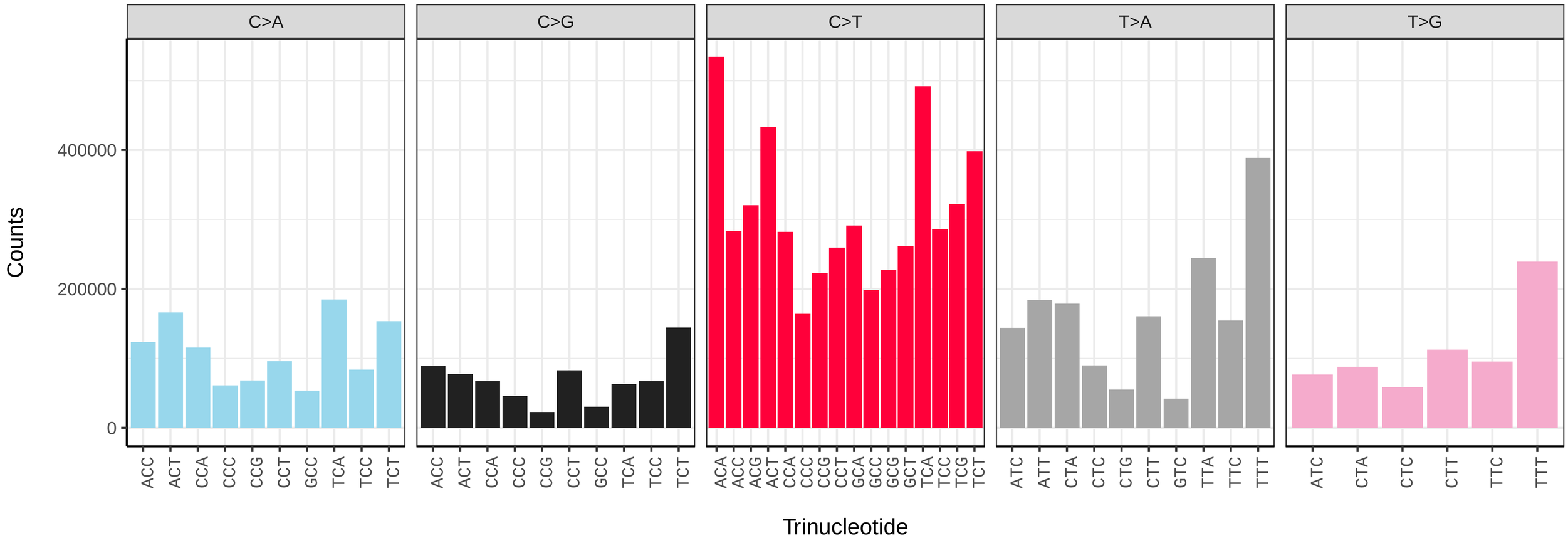
Maniola jurtina (ilManJurt1) somatic mutational spectrum (SBS96 classification)



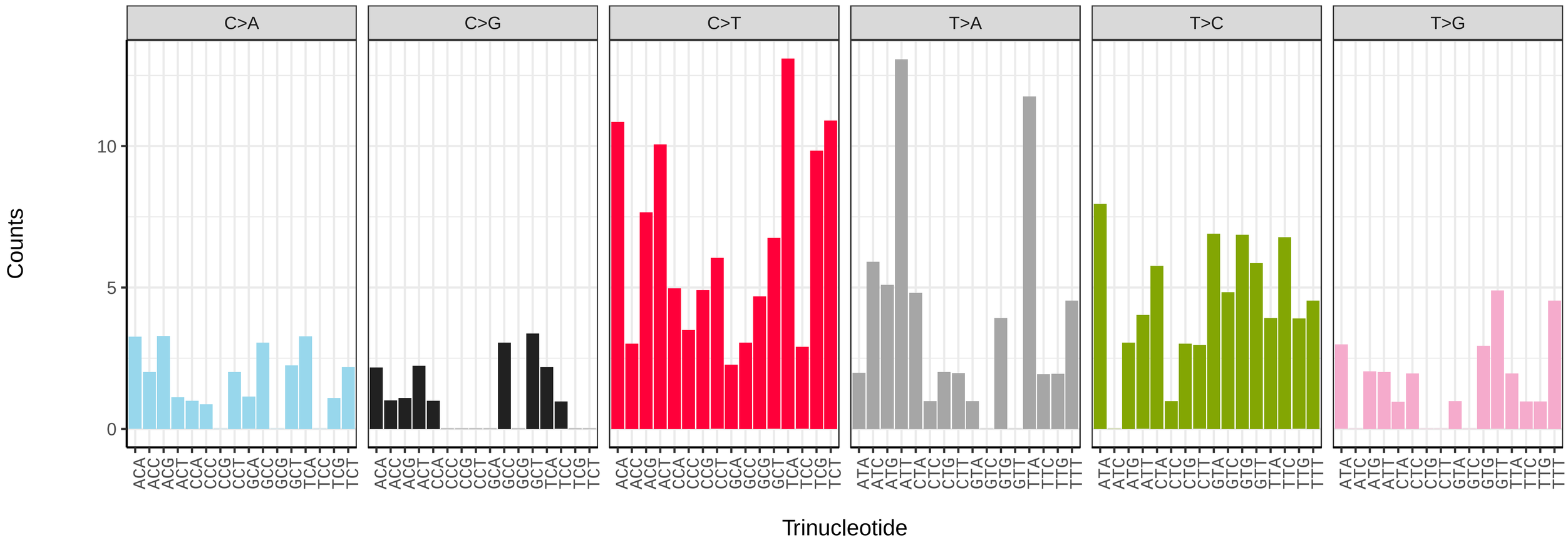
Maniola jurtina (ilManJurt1) somatic mutational spectrum (SBS52 classification)



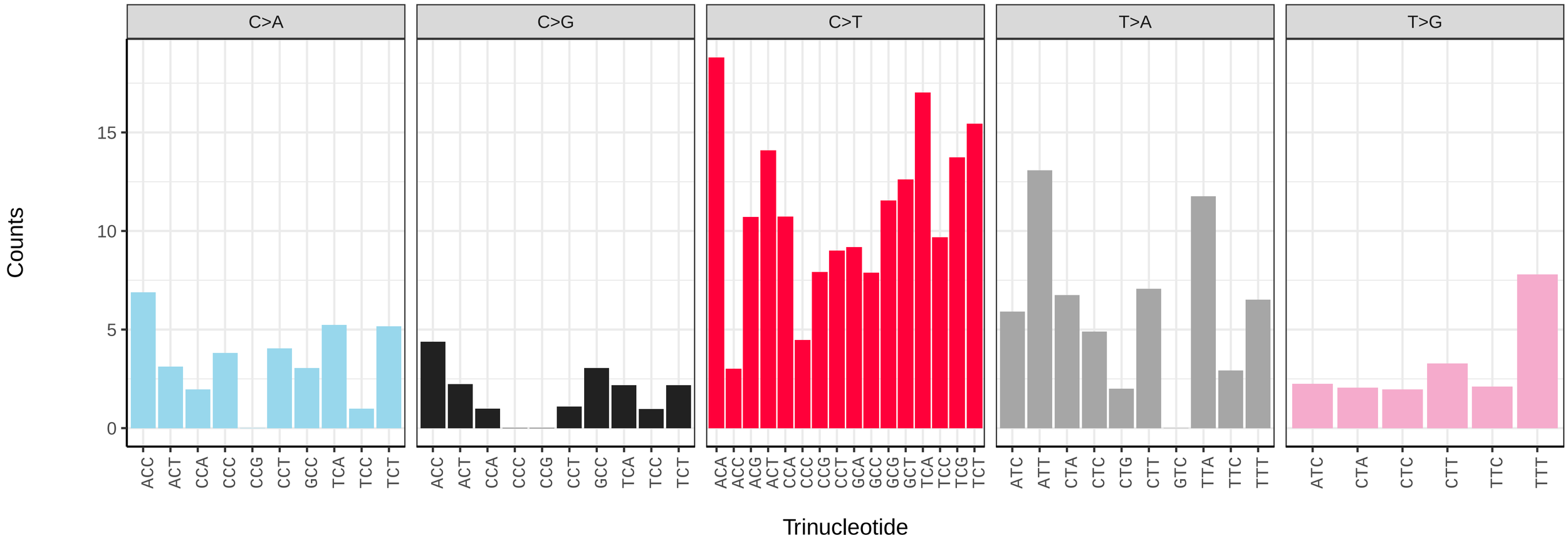
Maniola jurtina (ilManJurt1.ilManJurt4) germline mutational spectrum



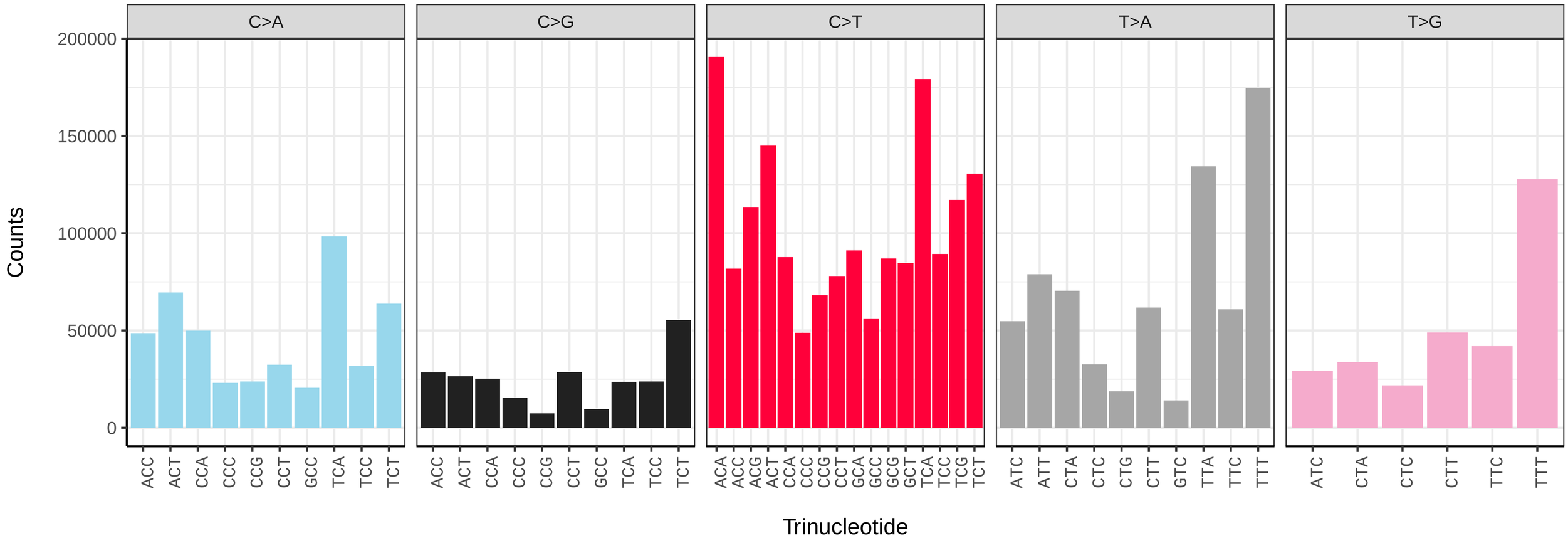
Maniola jurtina (ilManJurt1.ilManJurt4) somatic mutational spectrum (SBS96 classification)



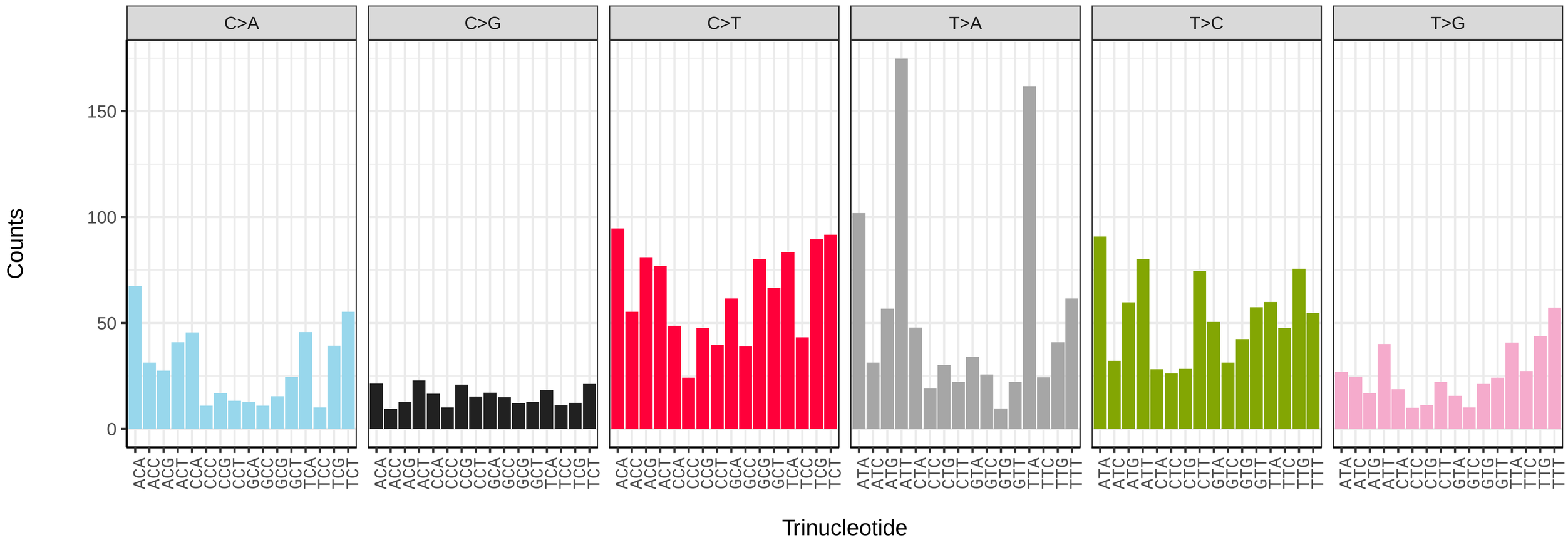
Maniola jurtina (ilManJurt1.ilManJurt4) somatic mutational spectrum (SBS52 classification)



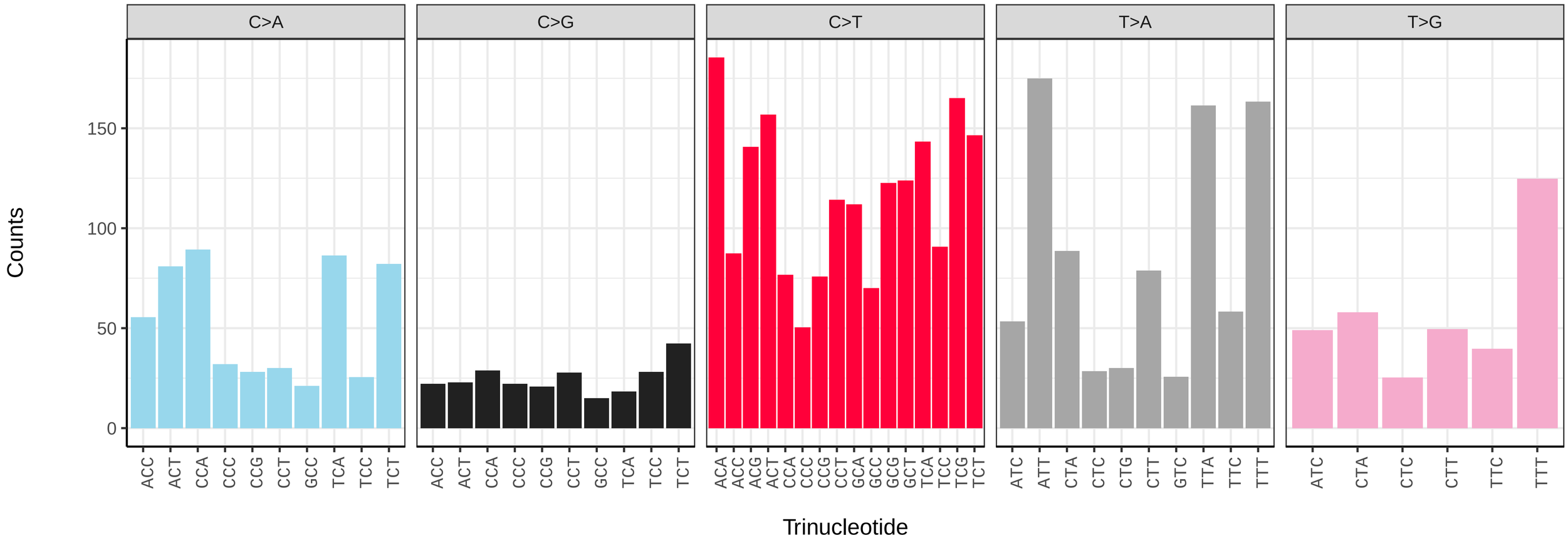
Marasmarcha lunaedactyla (ilMarLuna1) germline mutational spectrum



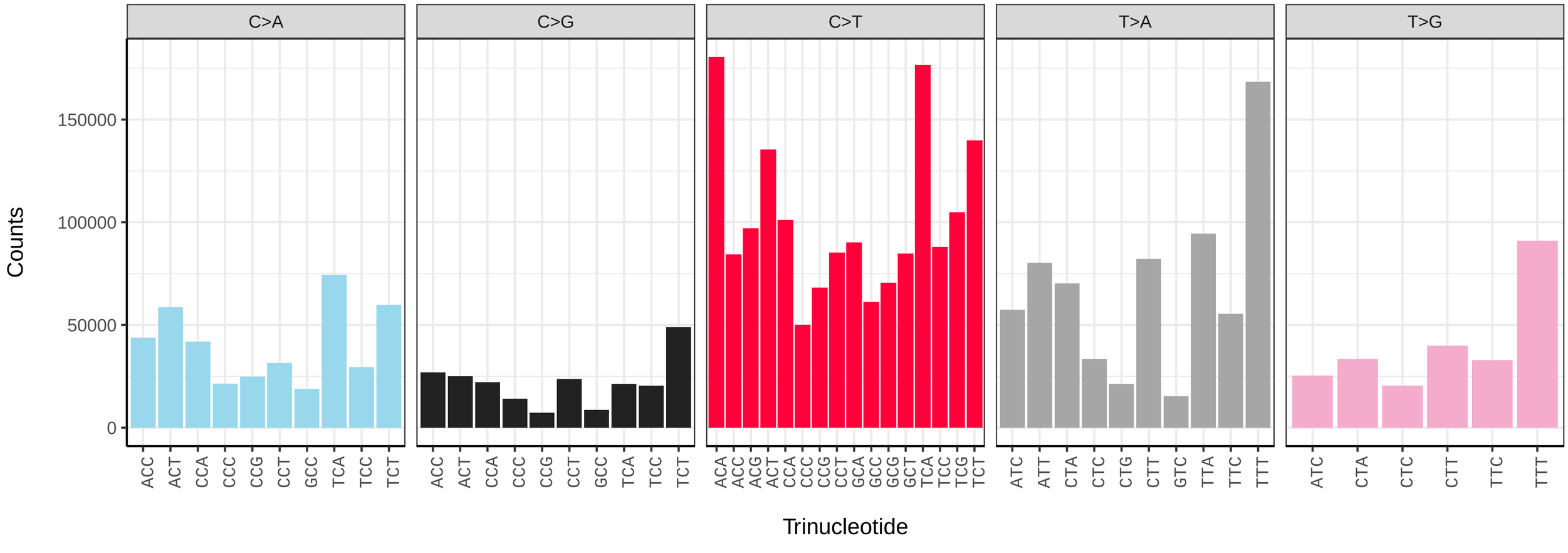
Marasmarcha lunaedactyla (ilMarLuna1) somatic mutational spectrum (SBS96 classification)



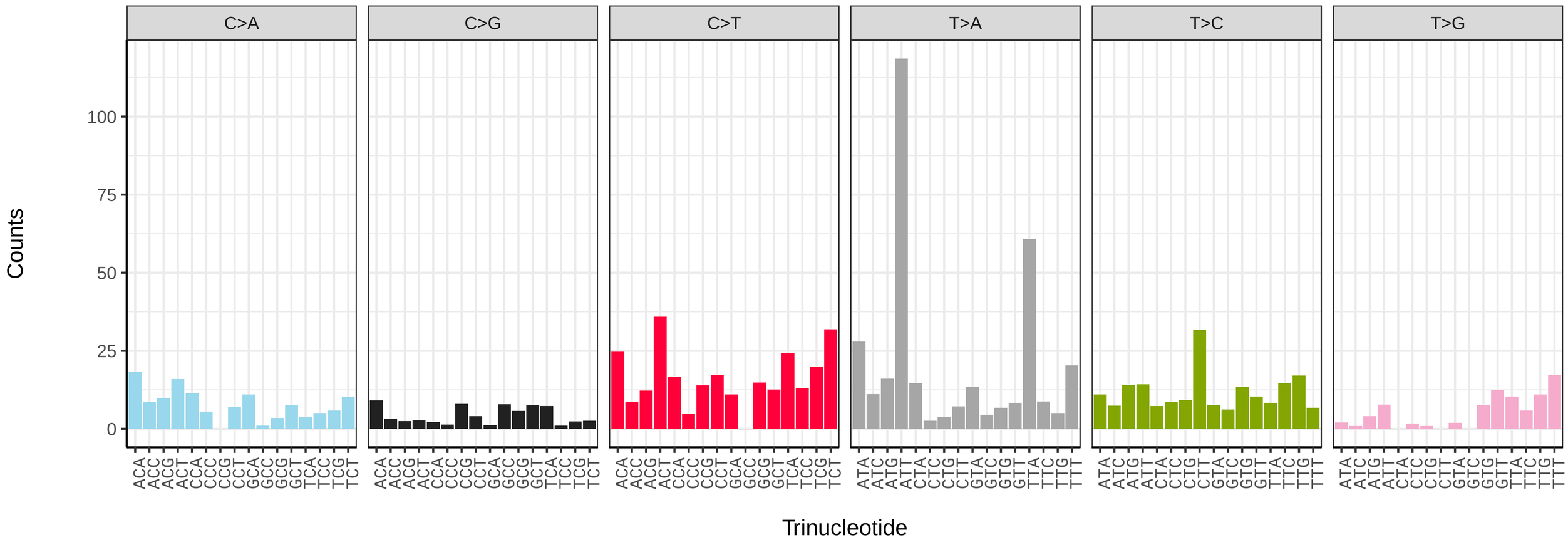
Marasmarcha lunaedactyla (ilMarLuna1) somatic mutational spectrum (SBS52 classification)



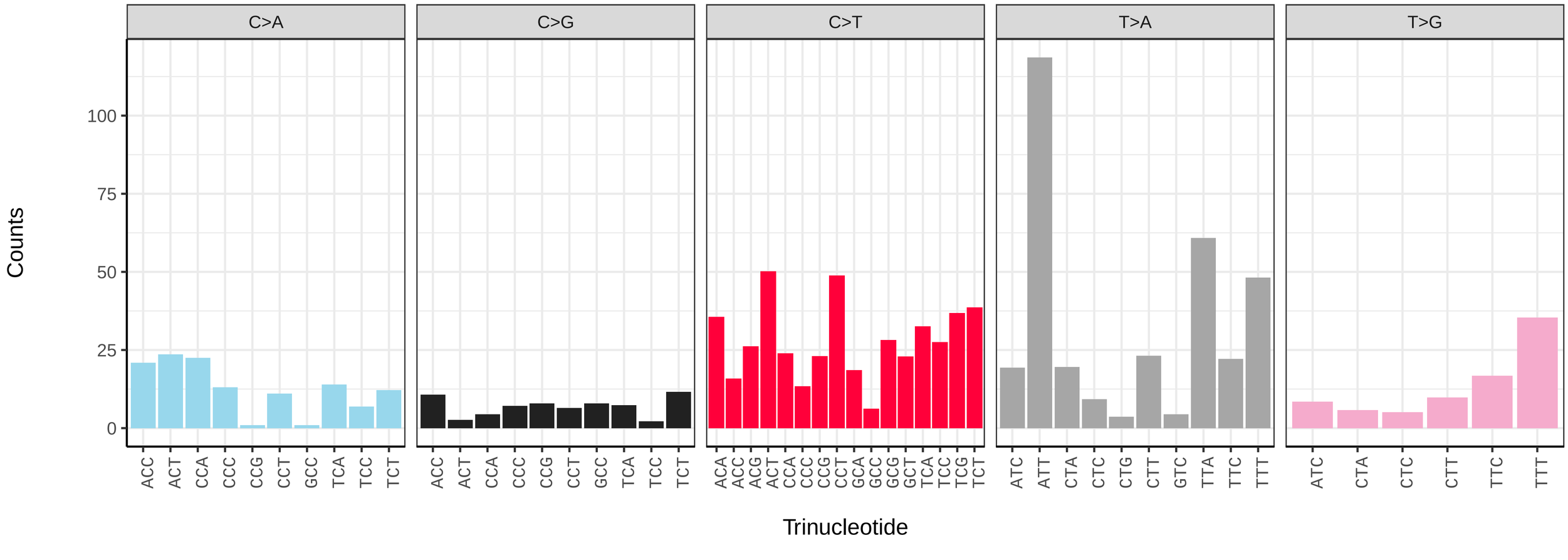
Meganola albula (ilMegAlbu1) germline mutational spectrum



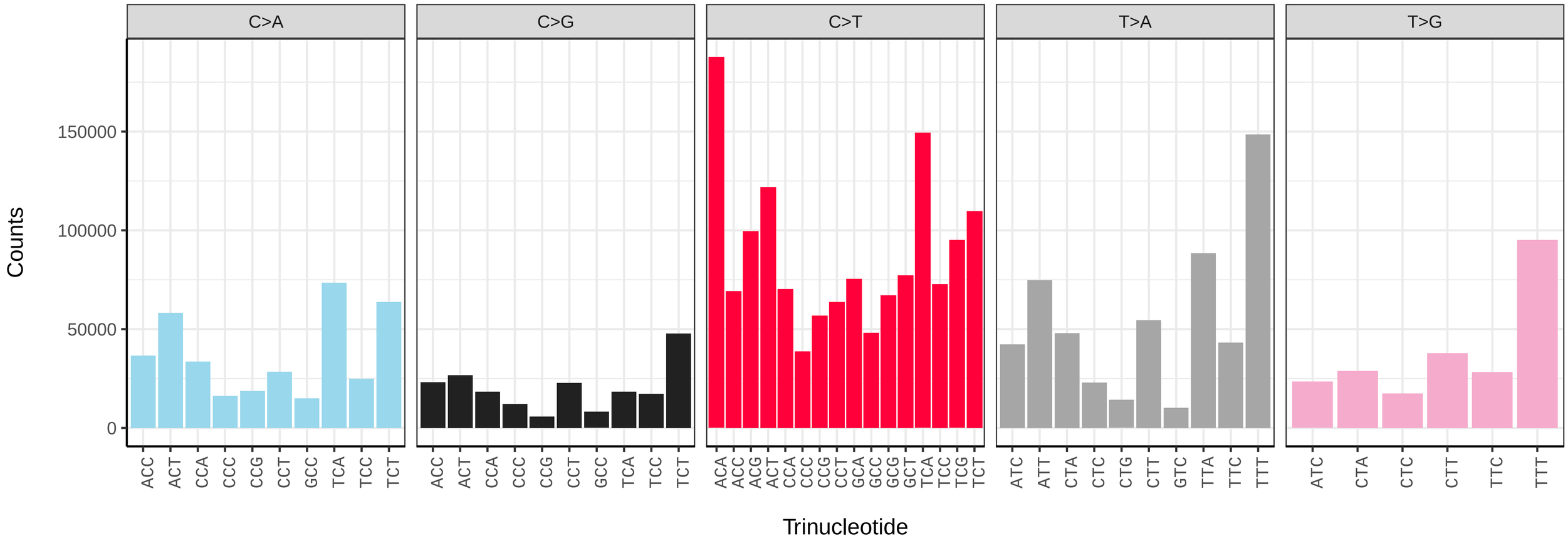
Meganola albula (ilMegAlbu1) somatic mutational spectrum (SBS96 classification)



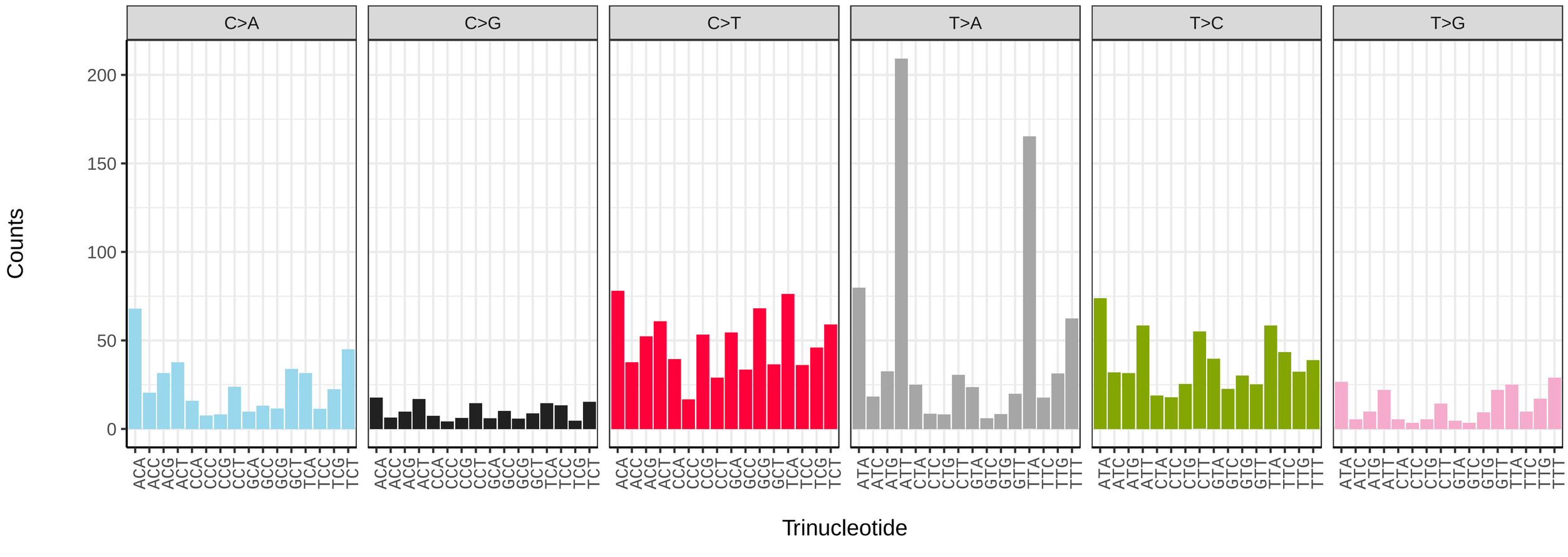
Meganola albula (ilMegAlbu1) somatic mutational spectrum (SBS52 classification)



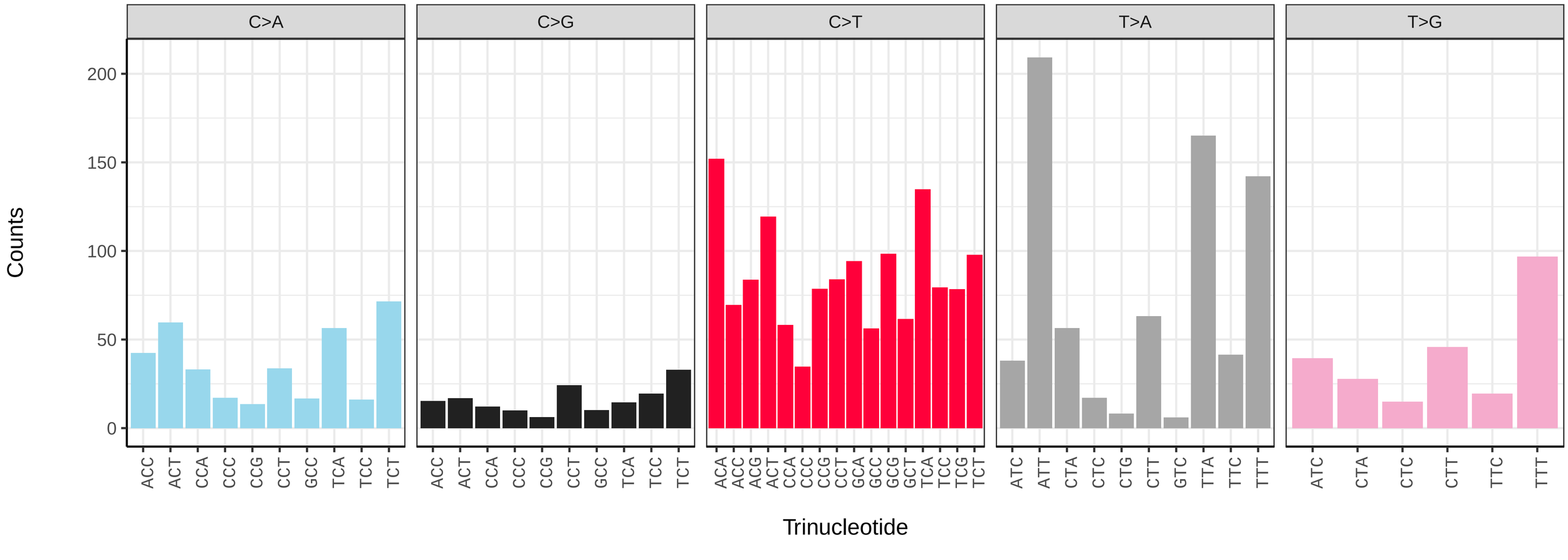
Mellicta athalia (ilMelAtha1) germline mutational spectrum



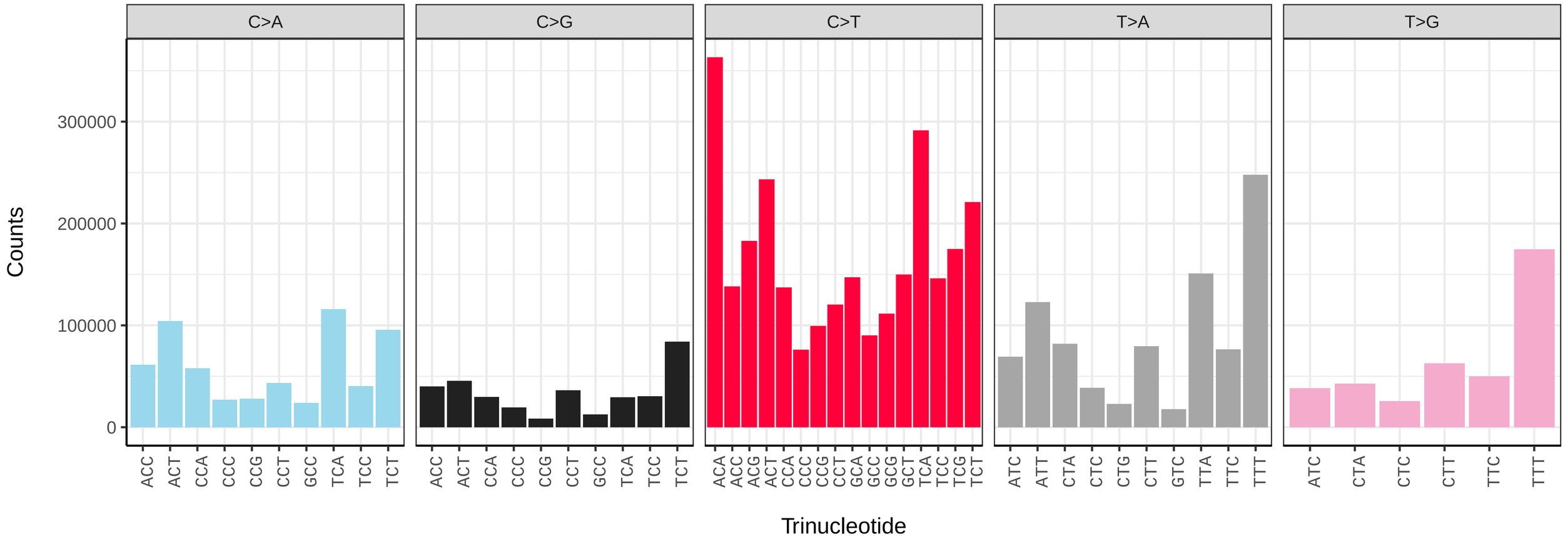
Mellicta athalia (ilMelAtha1) somatic mutational spectrum (SBS96 classification)



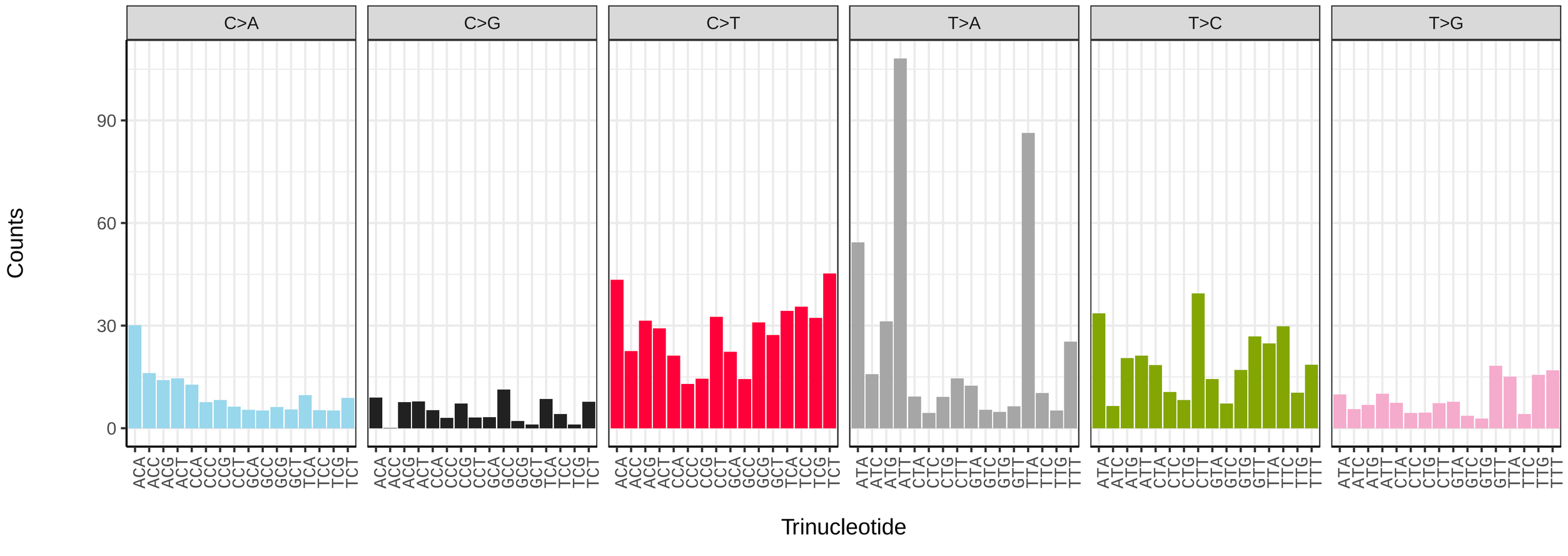
Mellicta athalia (ilMelAtha1) somatic mutational spectrum (SBS52 classification)



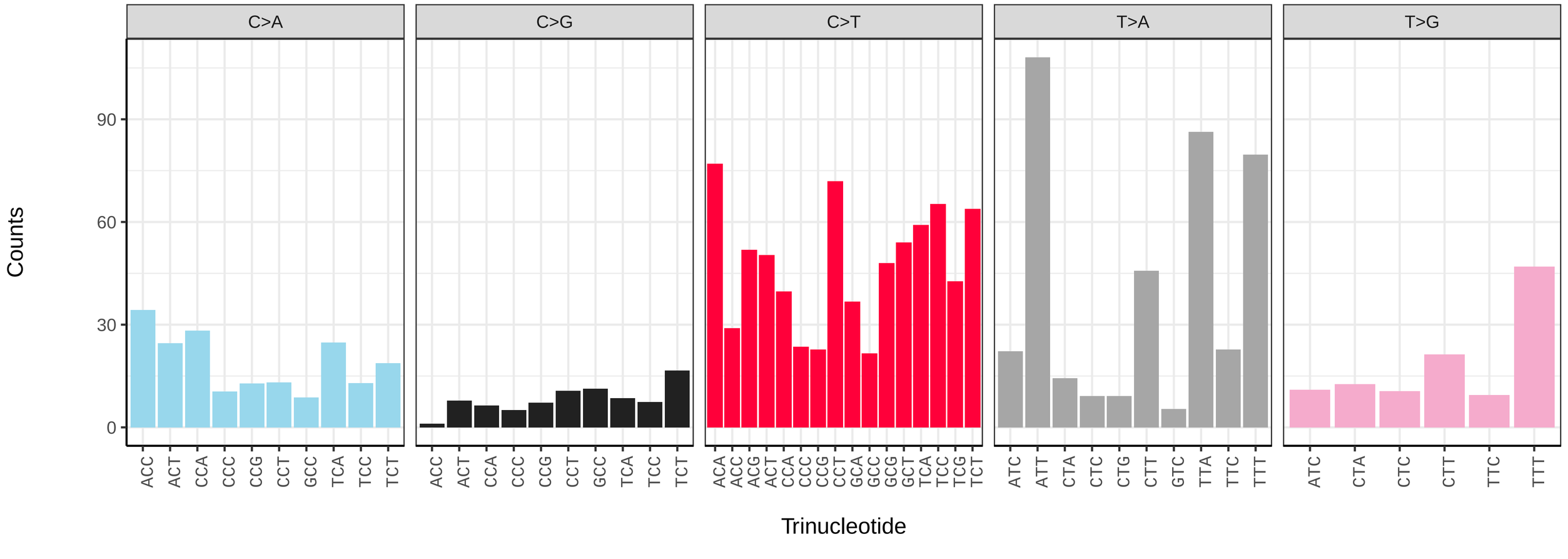
Melitaea cinxia (ilMelCinx1) germline mutational spectrum



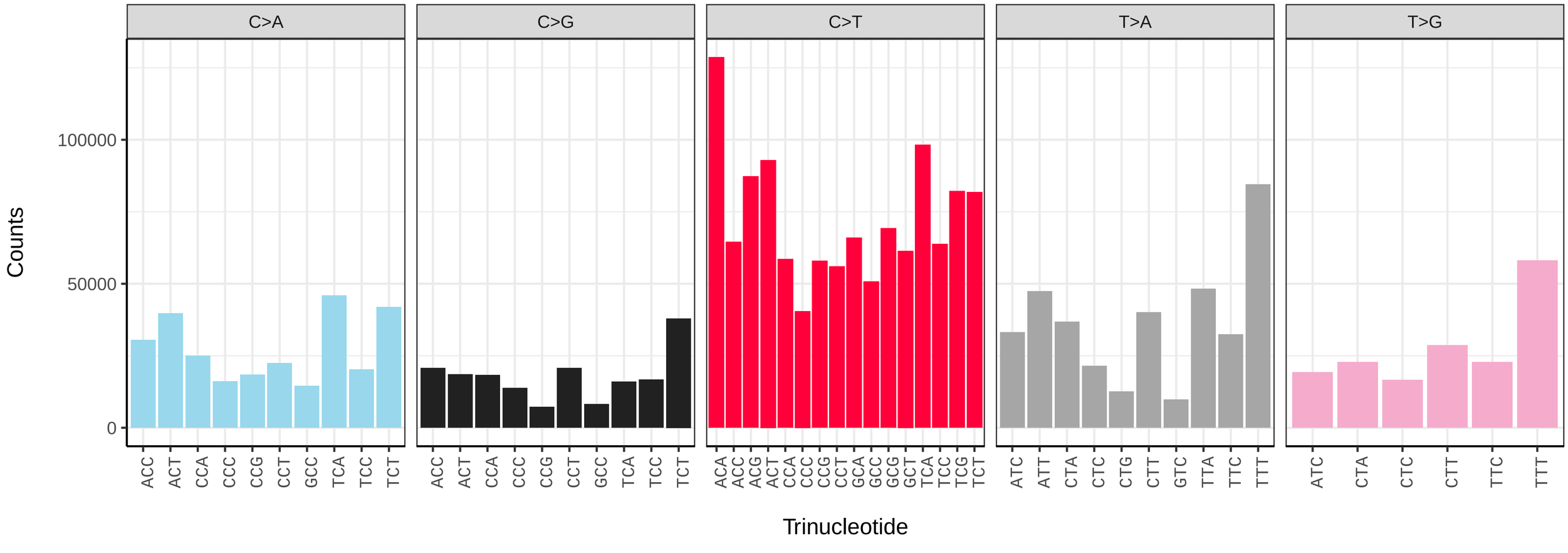
Melitaea cinxia (ilMelCinx1) somatic mutational spectrum (SBS96 classification)



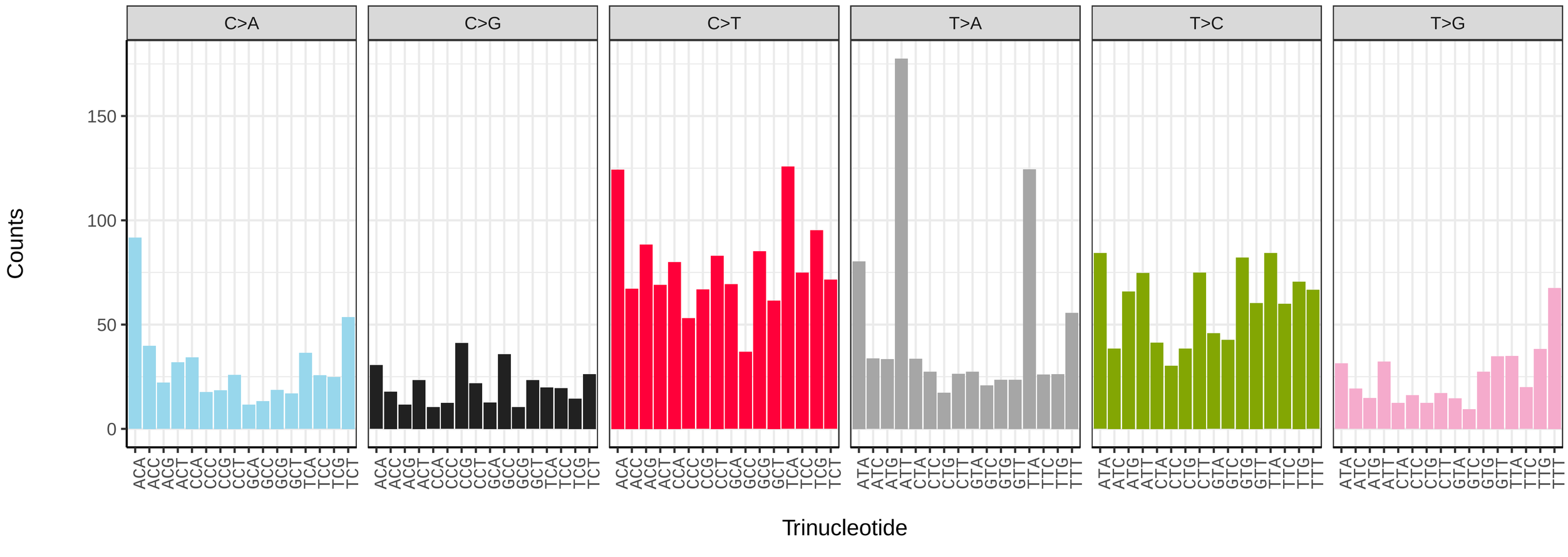
Melitaea cinxia (ilMelCinx1) somatic mutational spectrum (SBS52 classification)



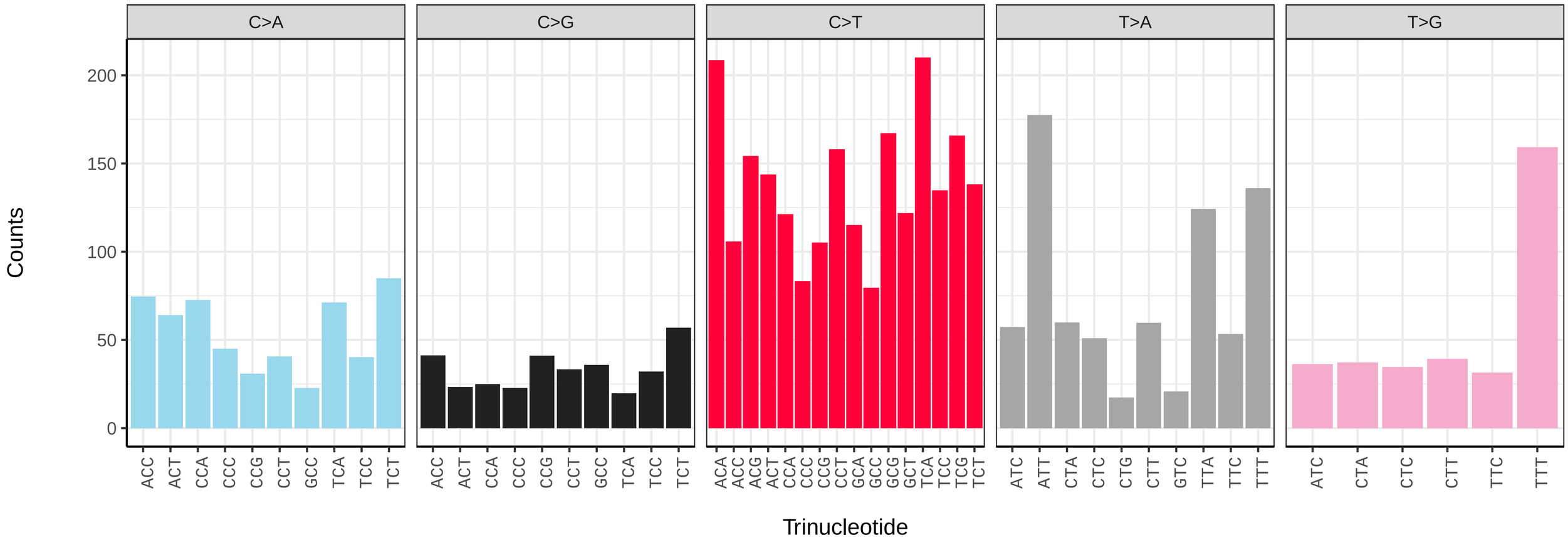
Melanargia galathea (ilMelGala2) germline mutational spectrum



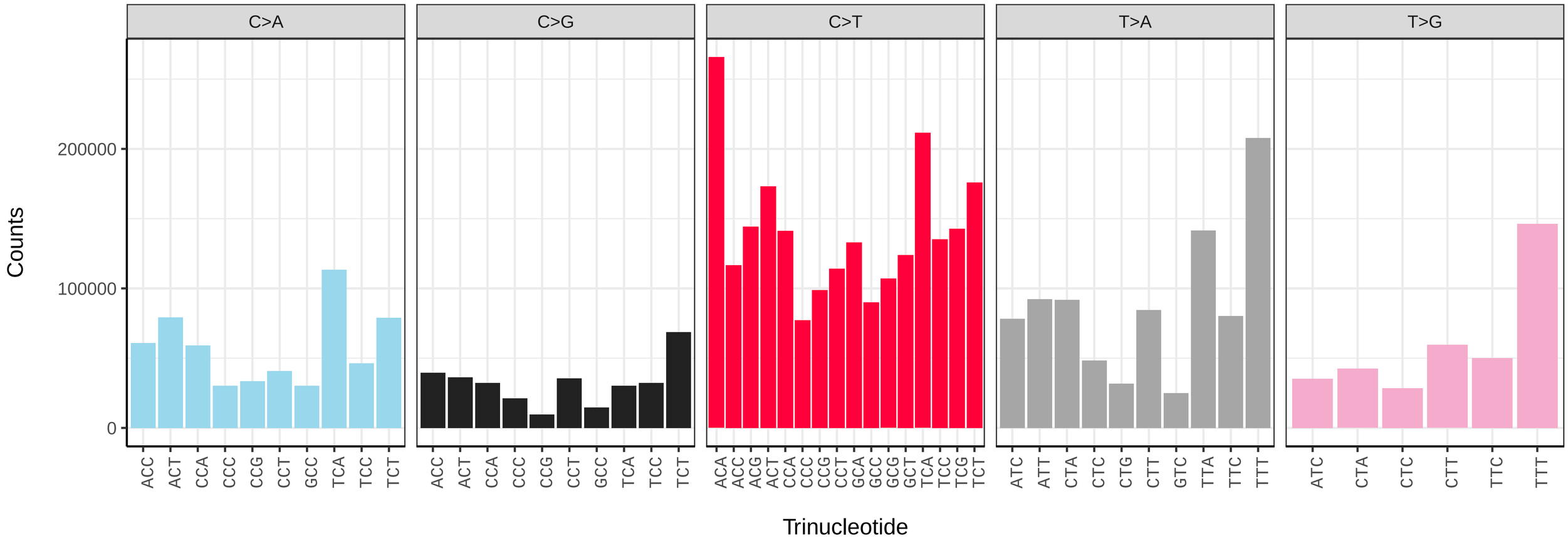
Melanargia galathea (ilMelGala2) somatic mutational spectrum (SBS96 classification)



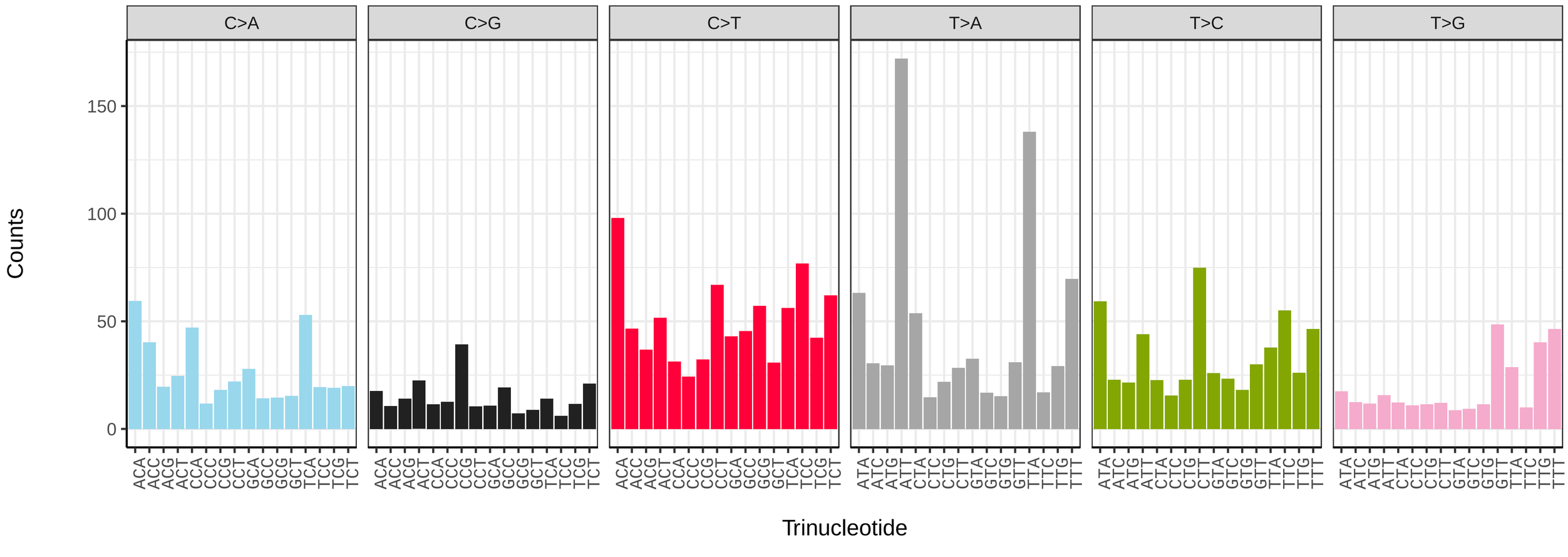
Melanargia galathea (ilMelGala2) somatic mutational spectrum (SBS52 classification)



Melanchra persicariae (ilMelPers1) germline mutational spectrum



Melanchra persicariae (ilMelPers1) somatic mutational spectrum (SBS96 classification)



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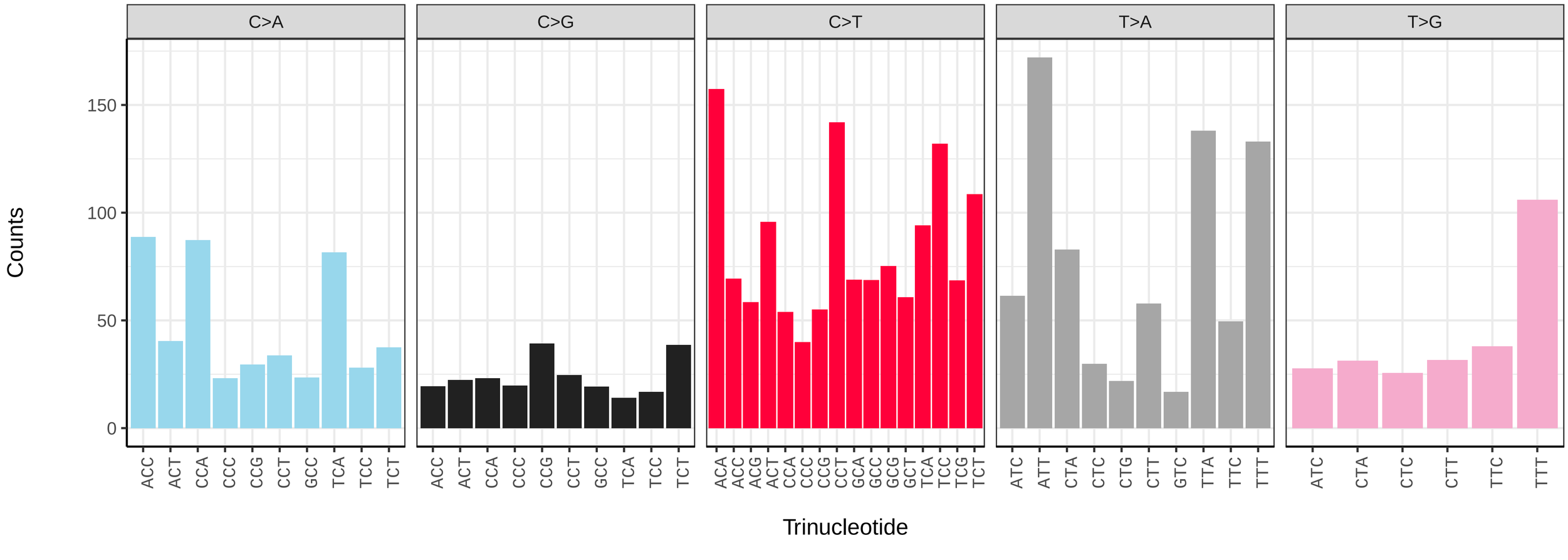
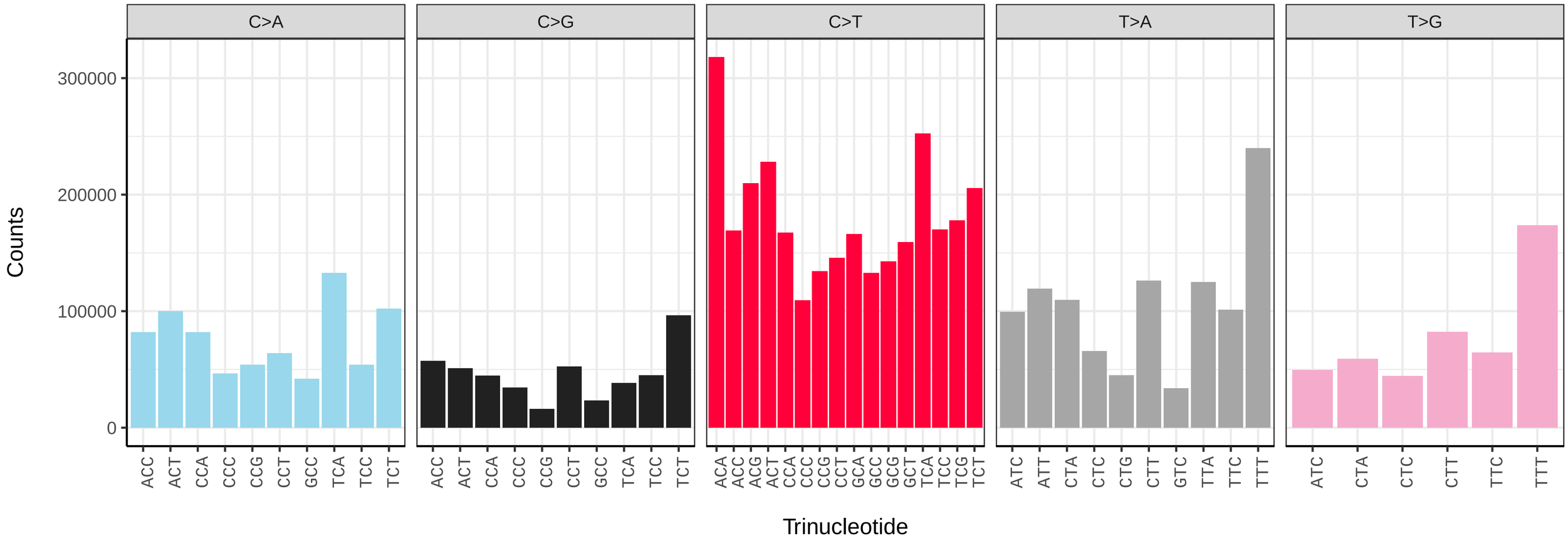
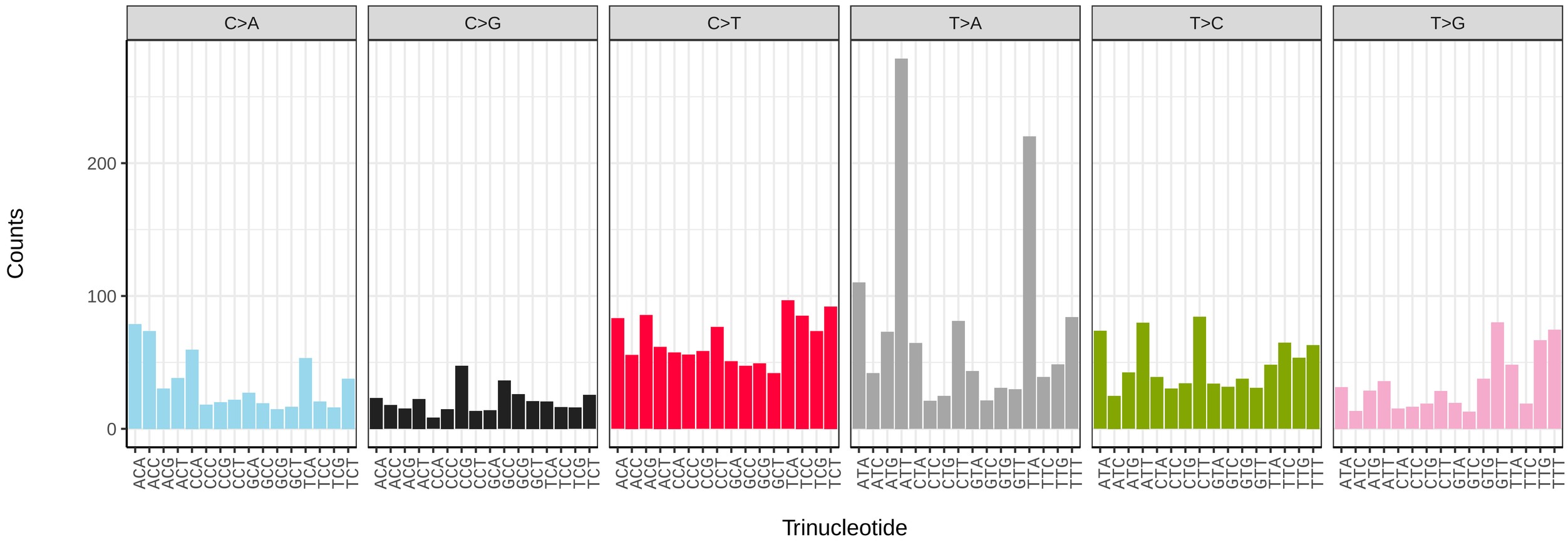


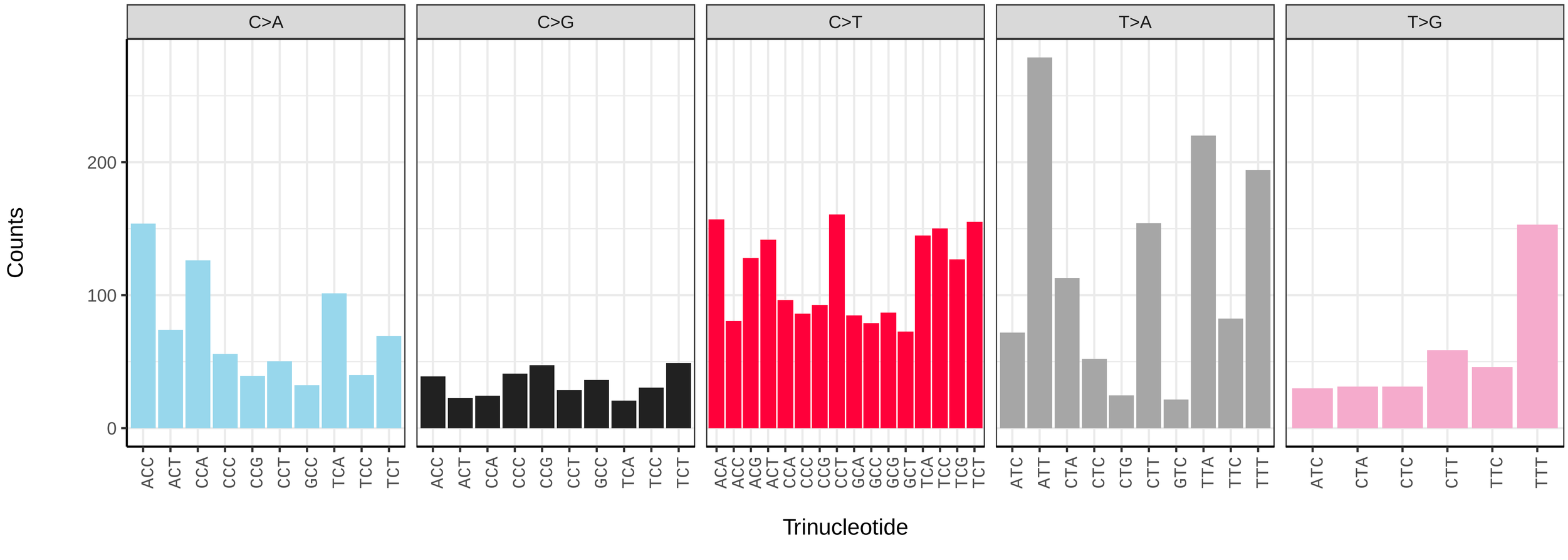
Mesoligia furuncula (ilMesFuru1) germline mutational spectrum



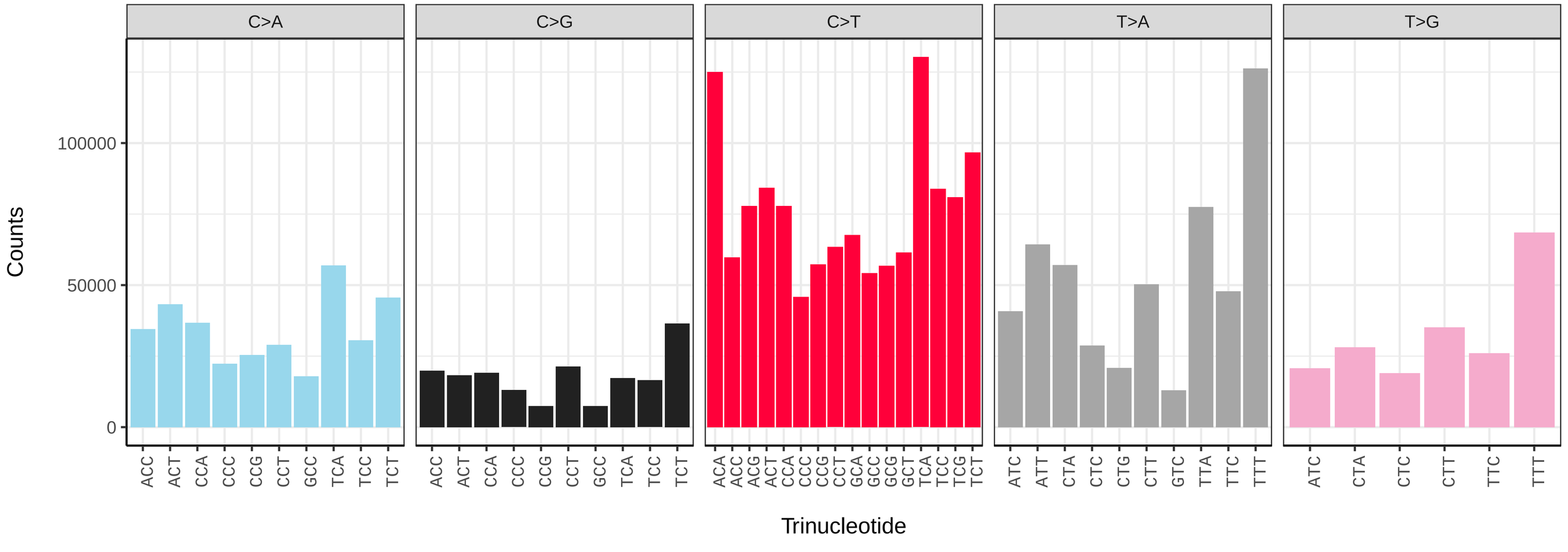
Mesoligia furuncula (ilMesFuru1) somatic mutational spectrum (SBS96 classification)



Mesoligia furuncula (ilMesFuru1) somatic mutational spectrum (SBS52 classification)



Miltochrista miniata (ilMilMini2) germline mutational spectrum



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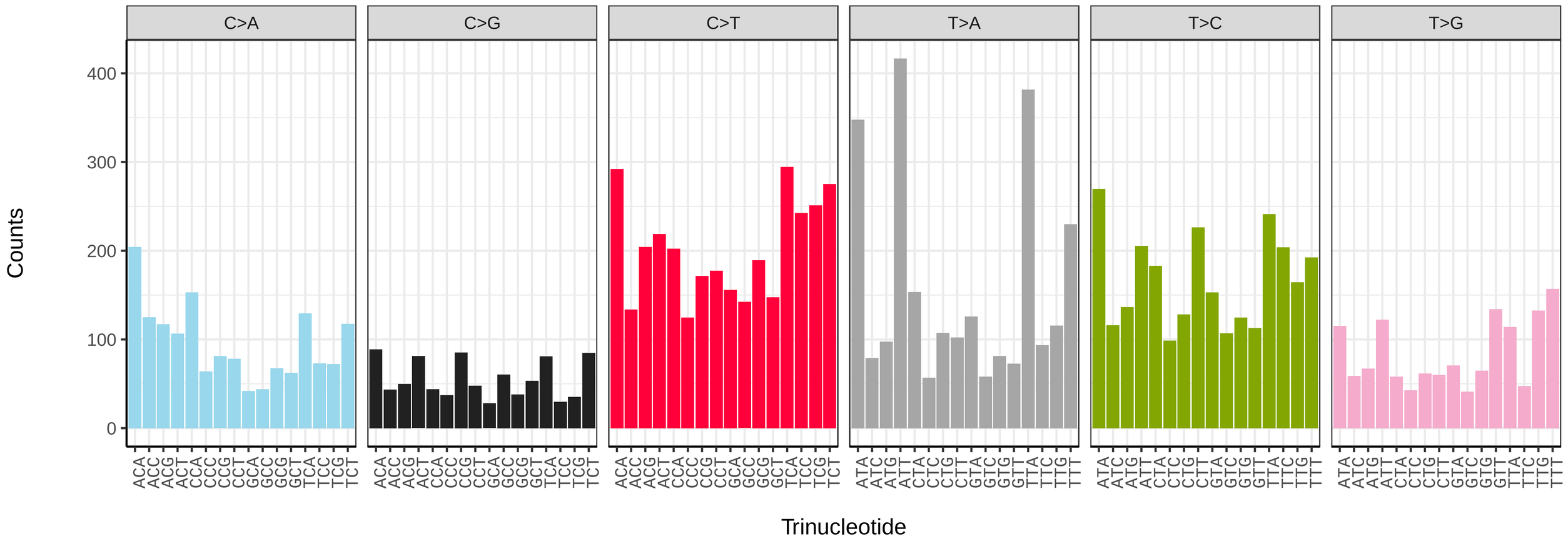

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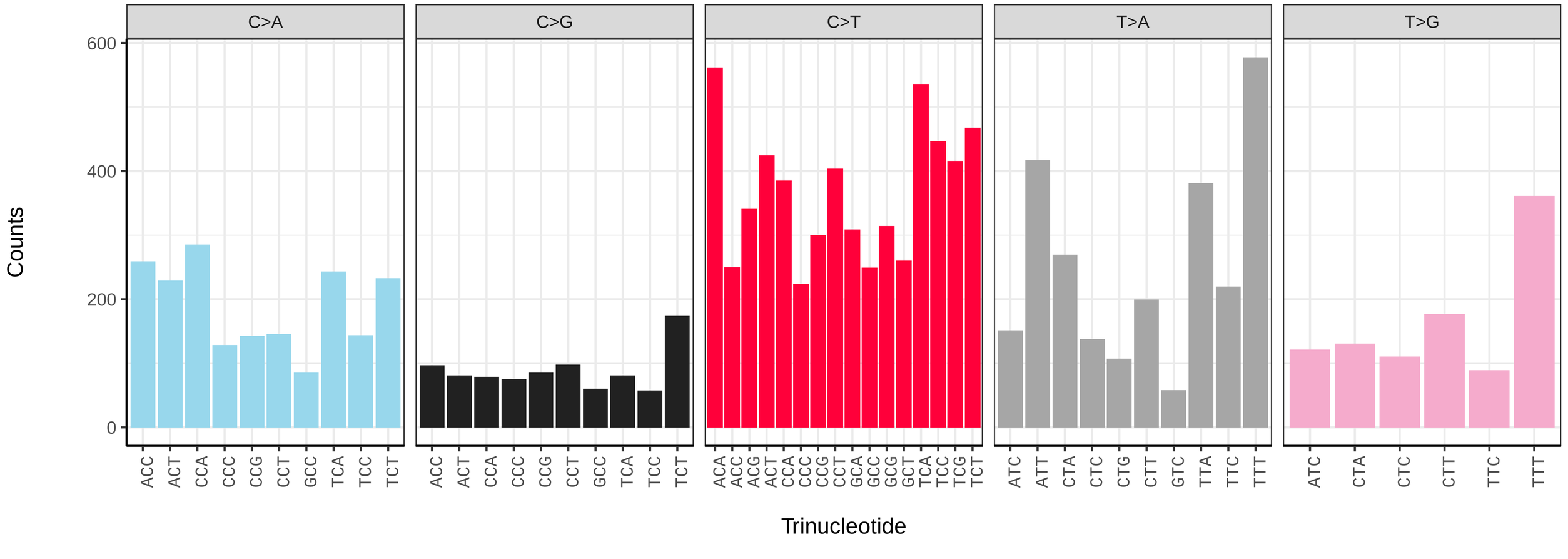
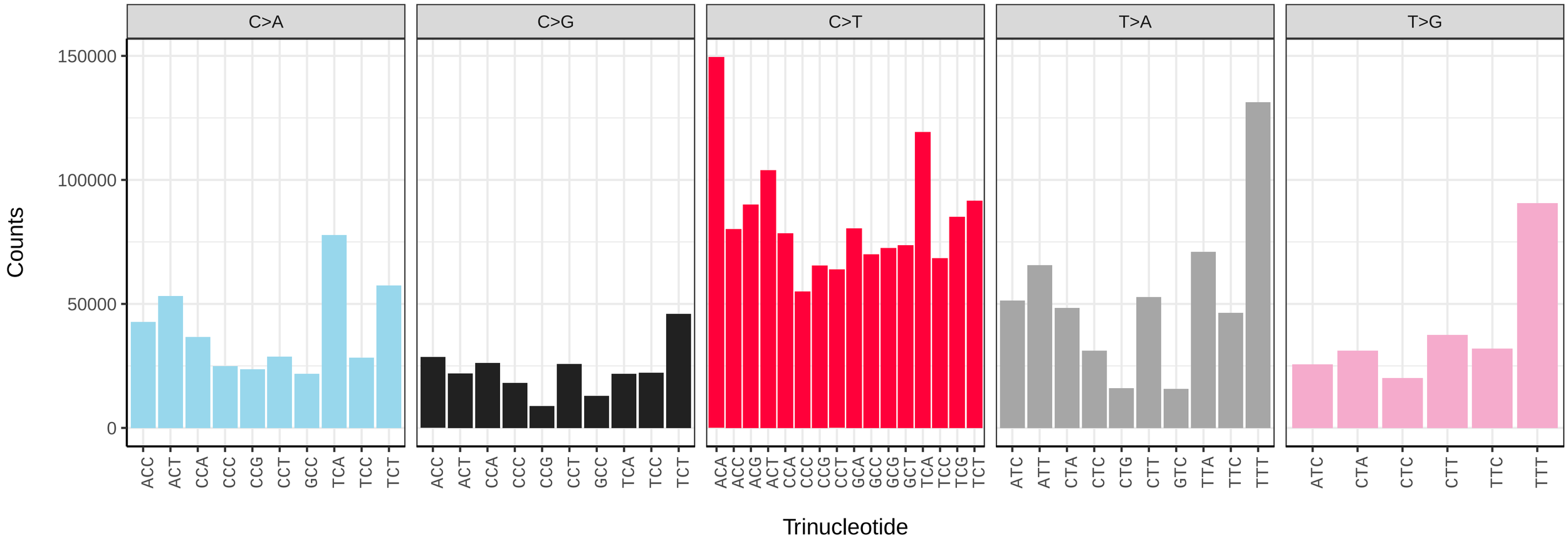


Mimas tiliae (ilMimTili1) germline mutational spectrum



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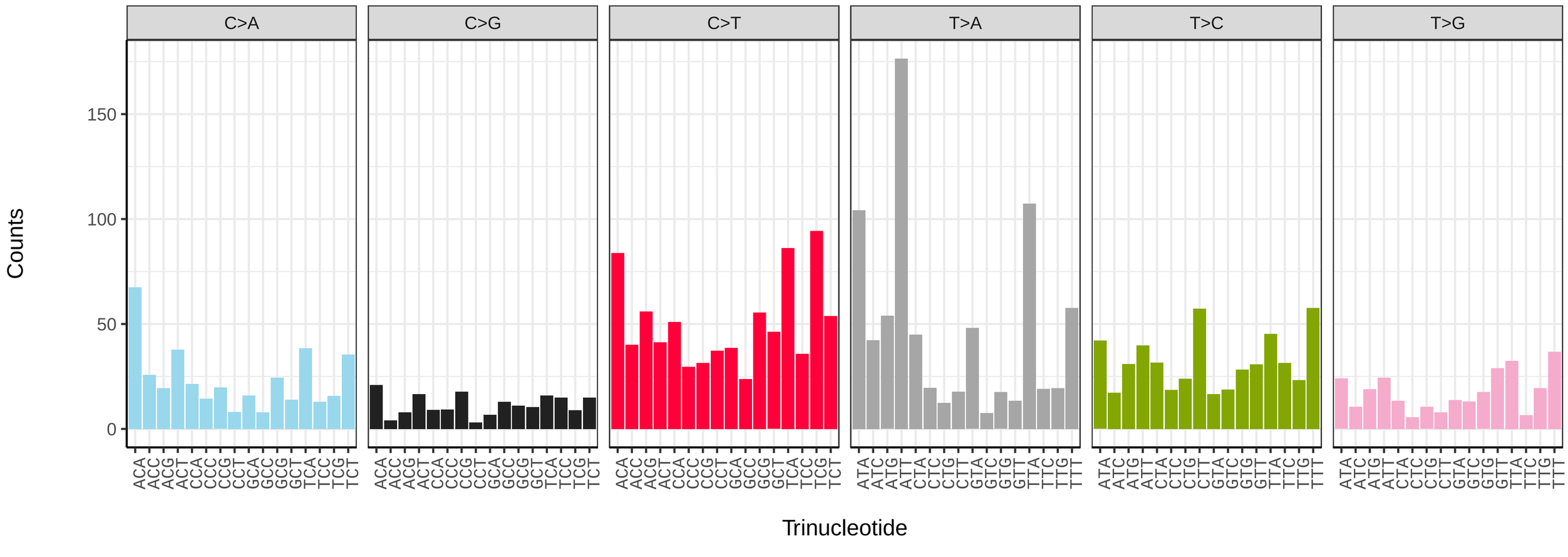

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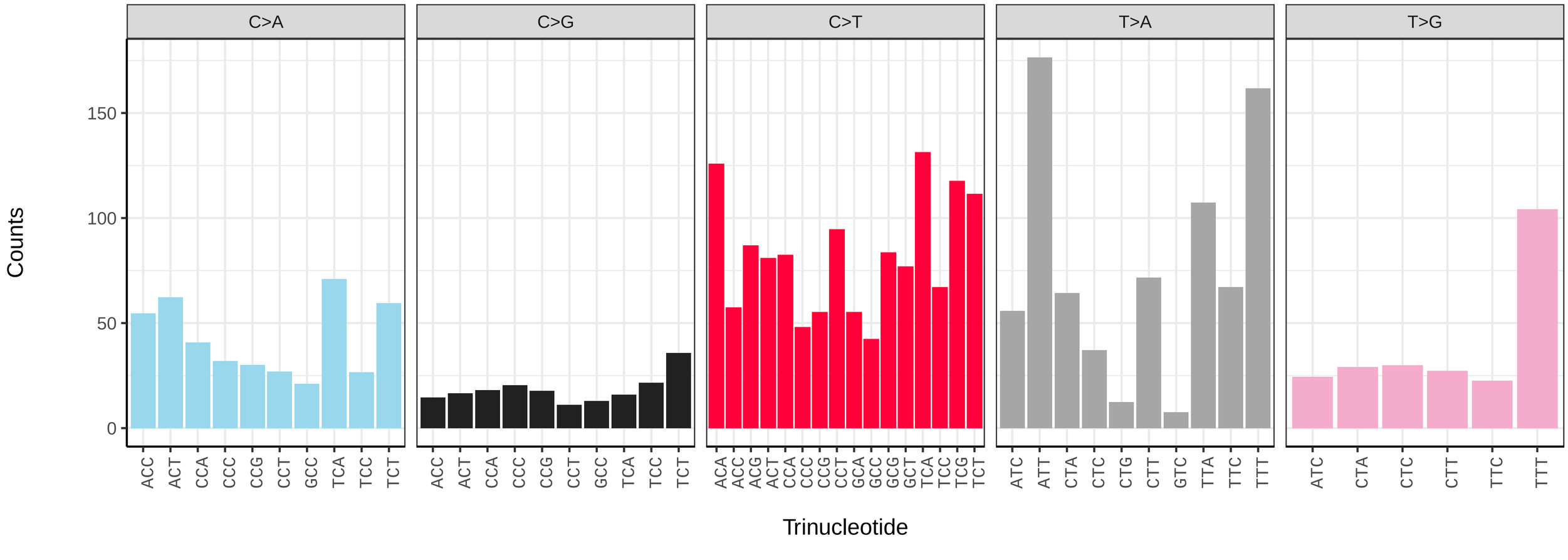
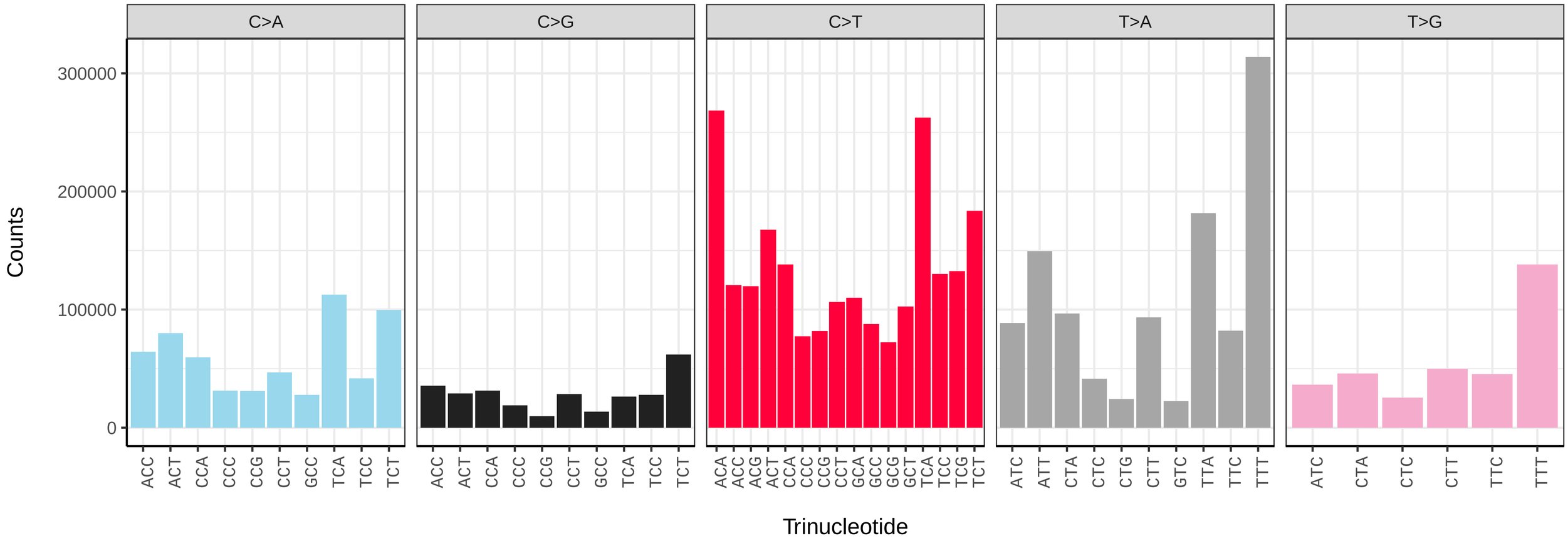
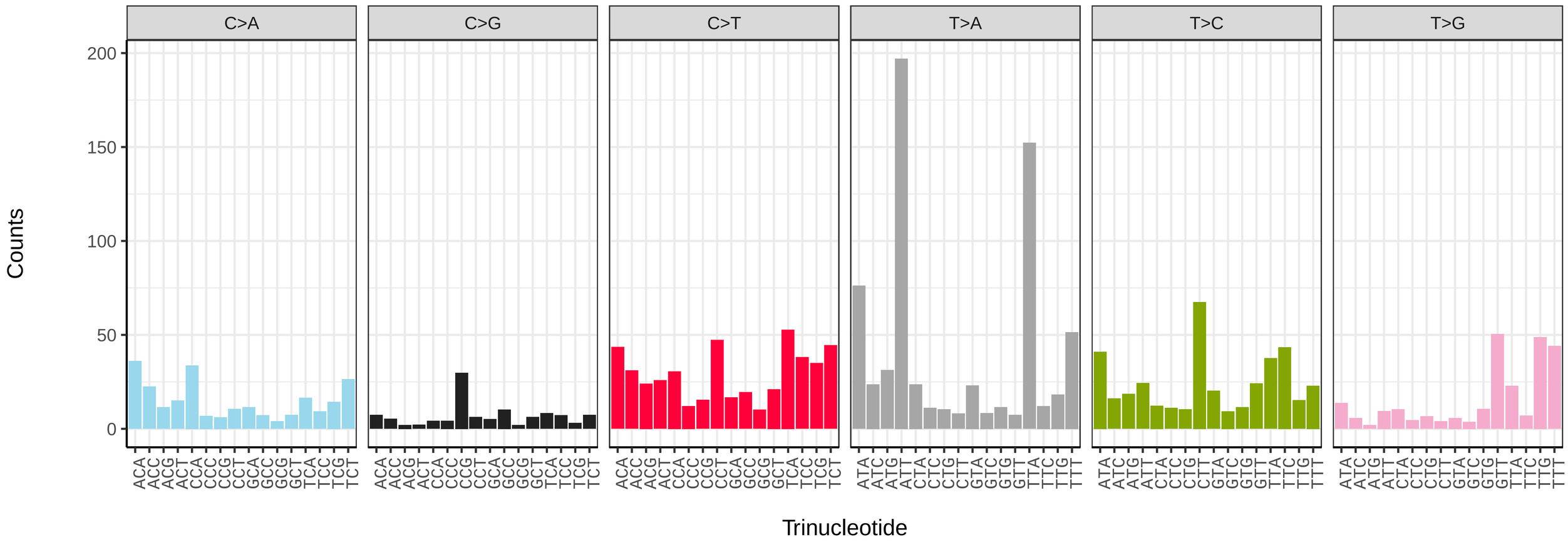


Monopis laevigella (ilMonLaev2) germline mutational spectrum



Monopis laevigella (ilMonLaev2) somatic mutational spectrum (SBS96 classification)



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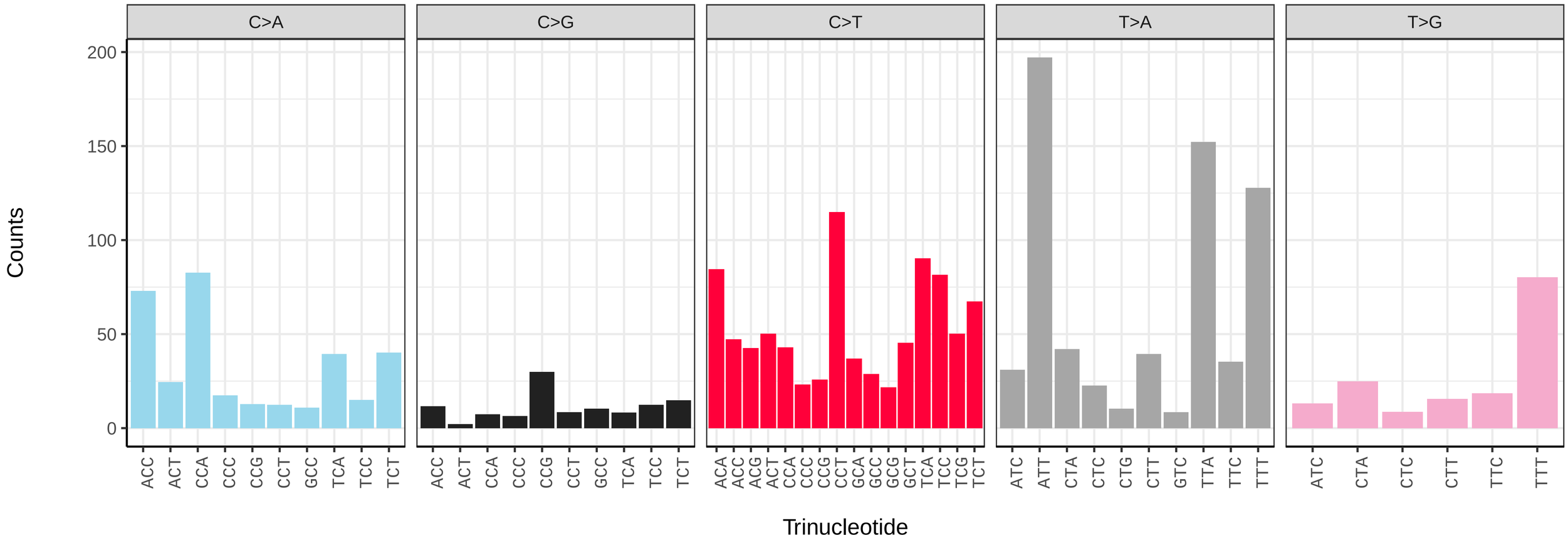
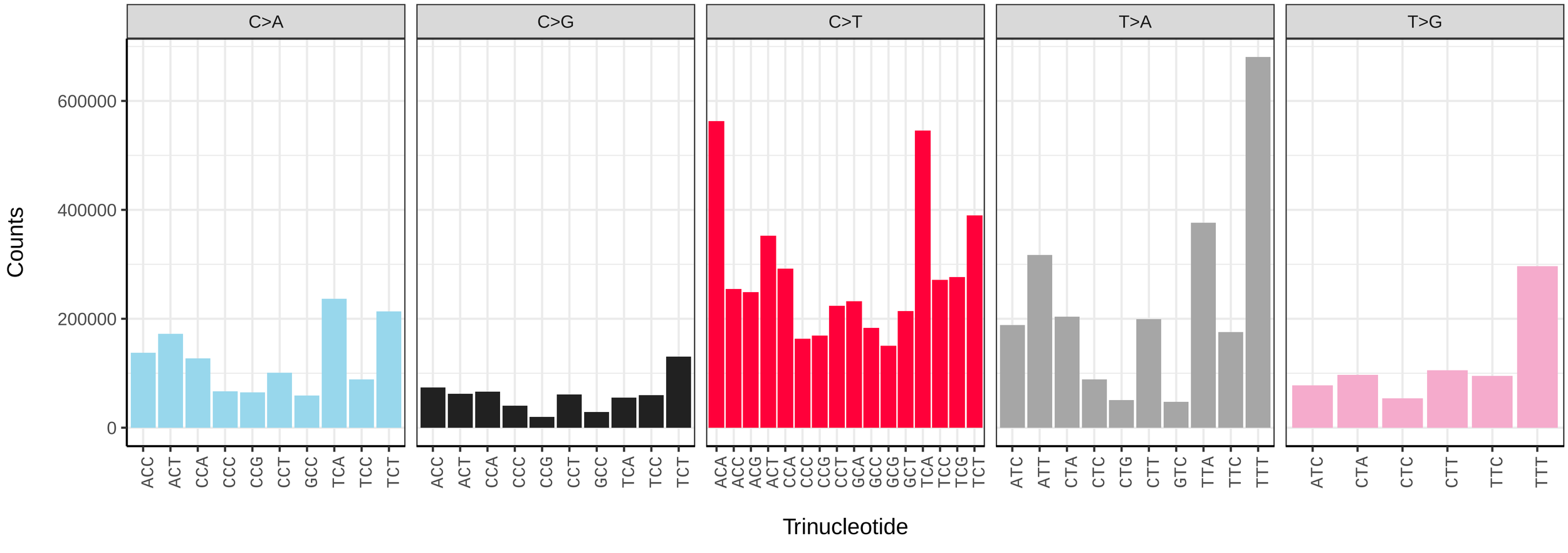
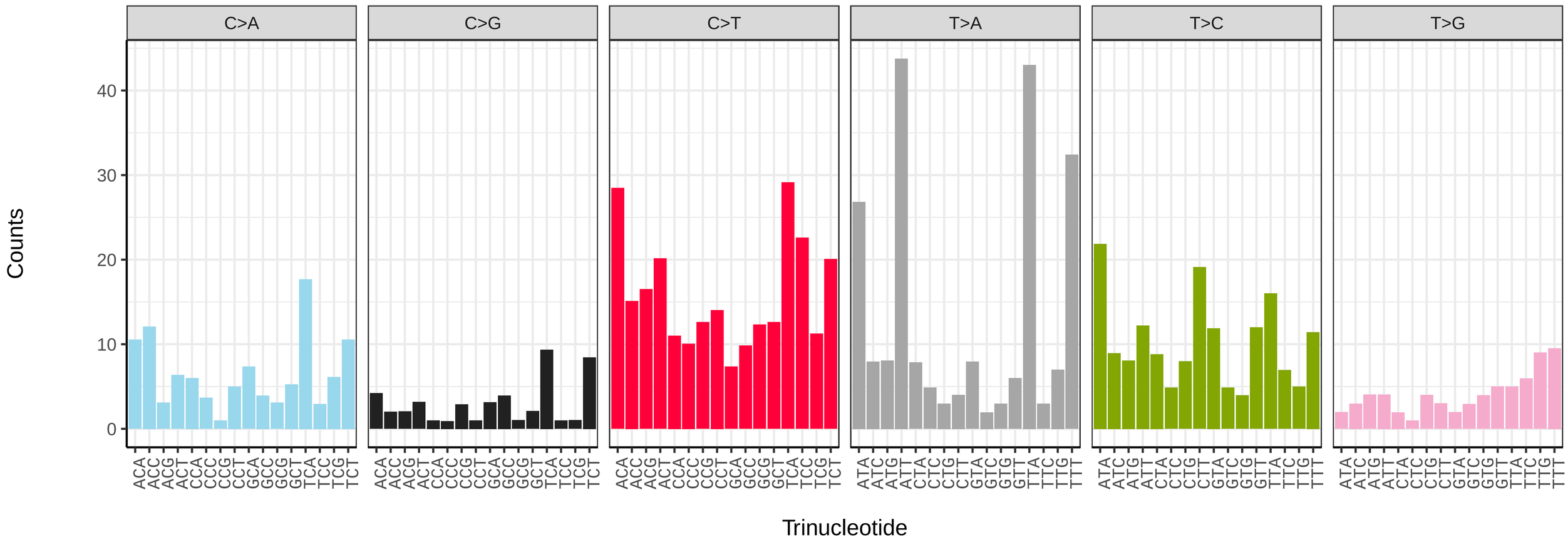


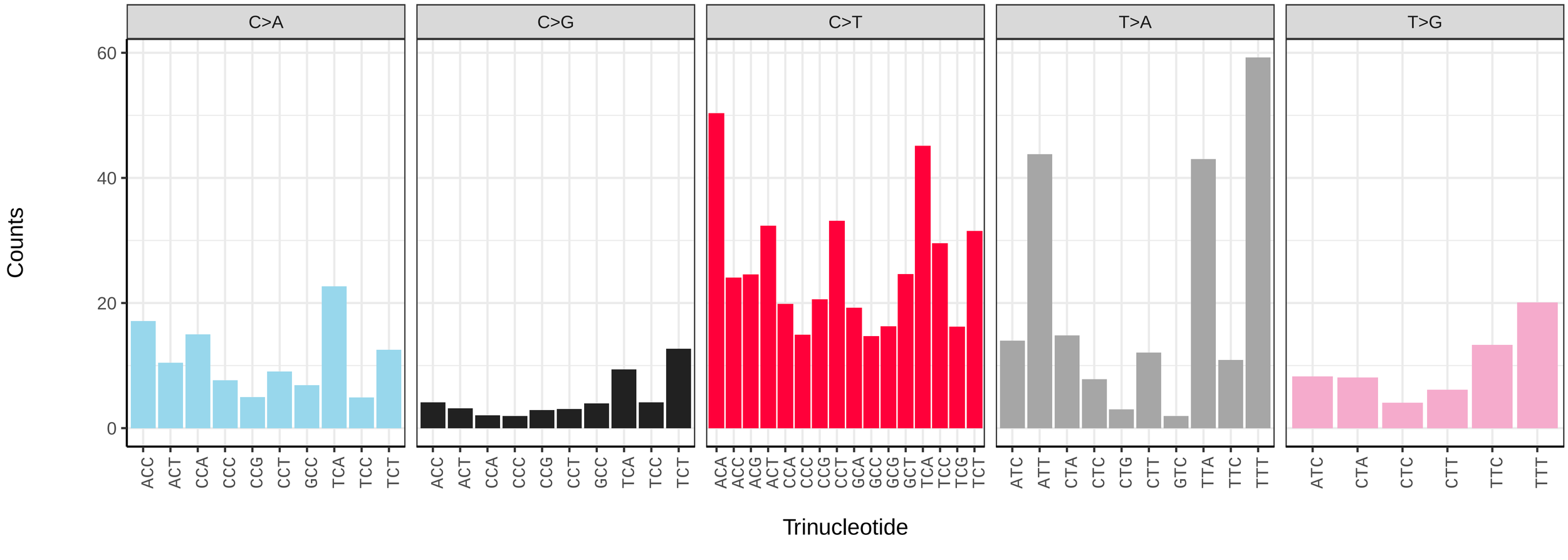
Monopis laevigella (ilMonLaev2.ilMonLaev1) germline mutational spectrum



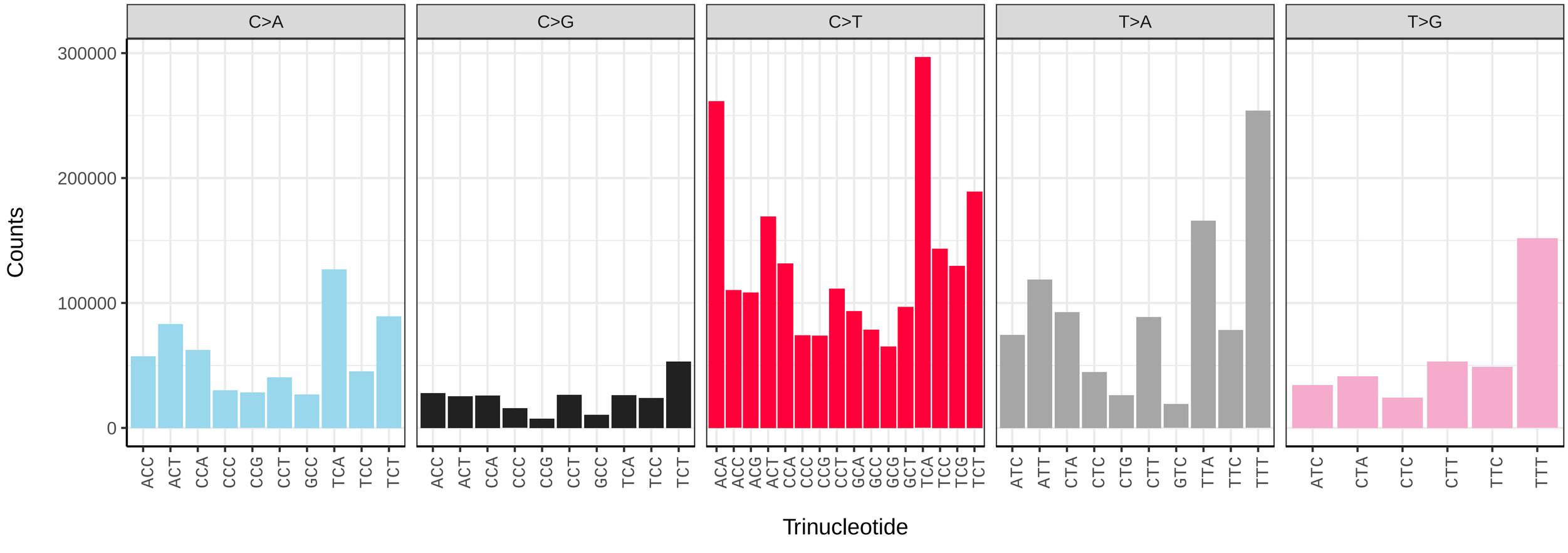
Monopis laevigella (ilMonLaev2.ilMonLaev1) somatic mutational spectrum (SBS96 classification)



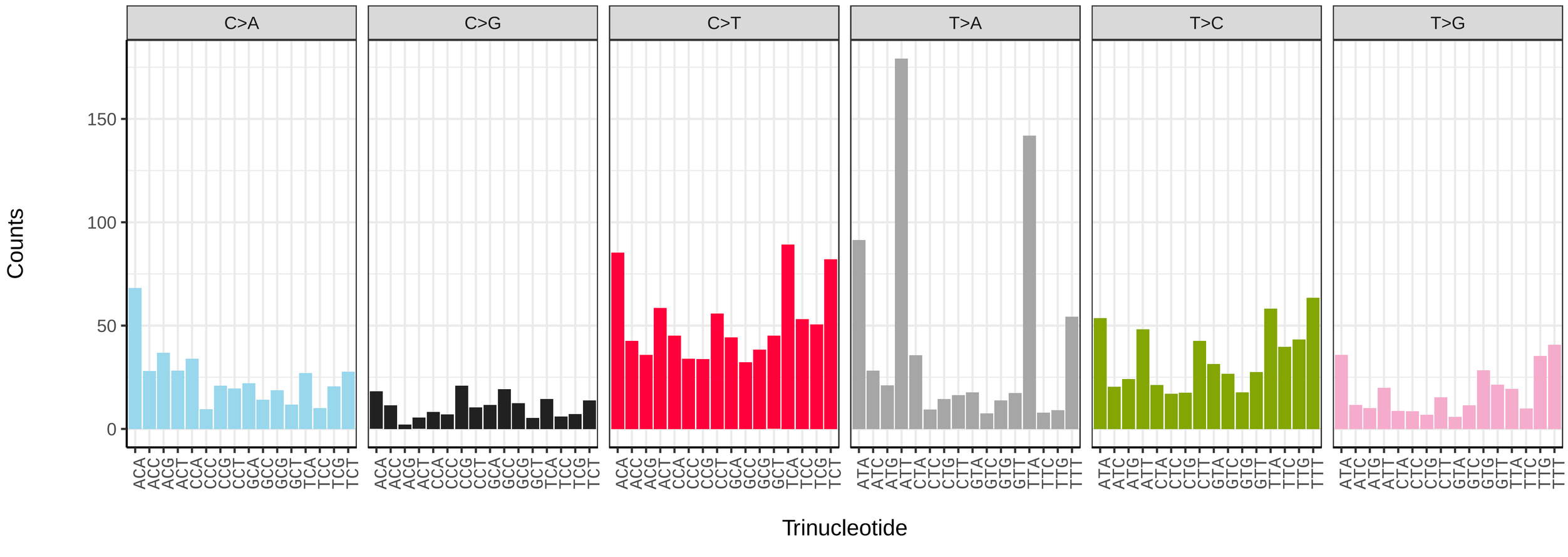
Monopis laevigella (ilMonLaev2.ilMonLaev1) somatic mutational spectrum (SBS52 classification)



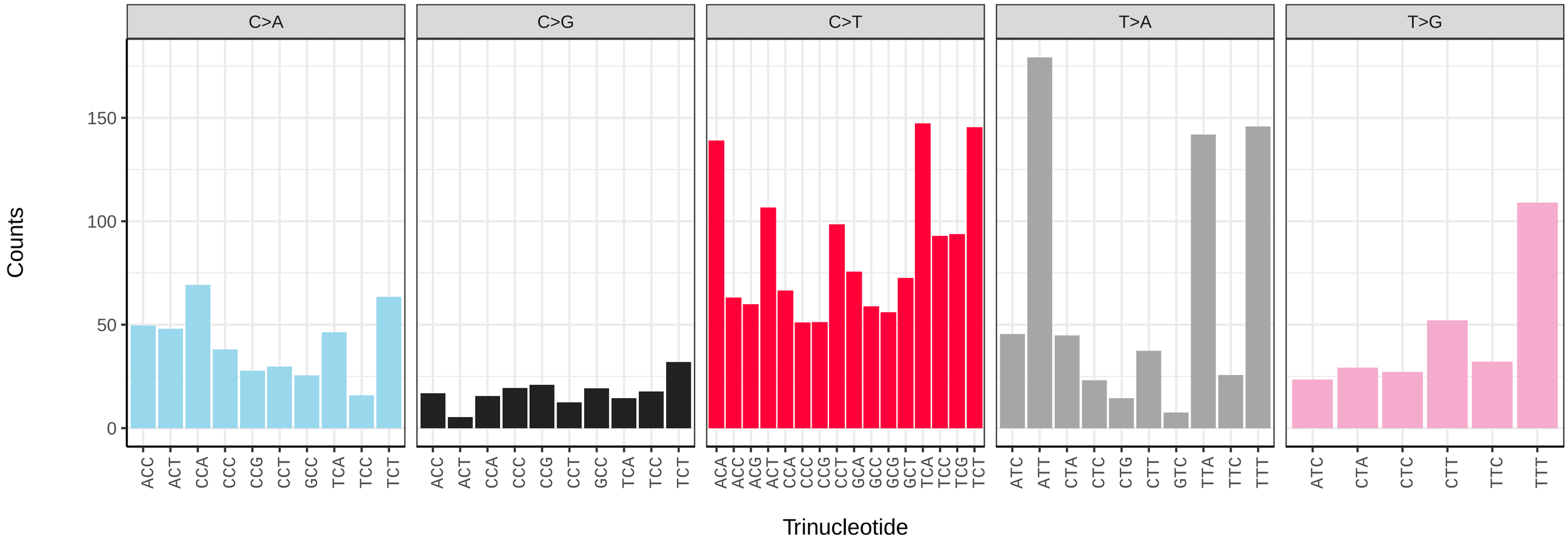
Musotima nitidalis (ilMusNiti1) germline mutational spectrum



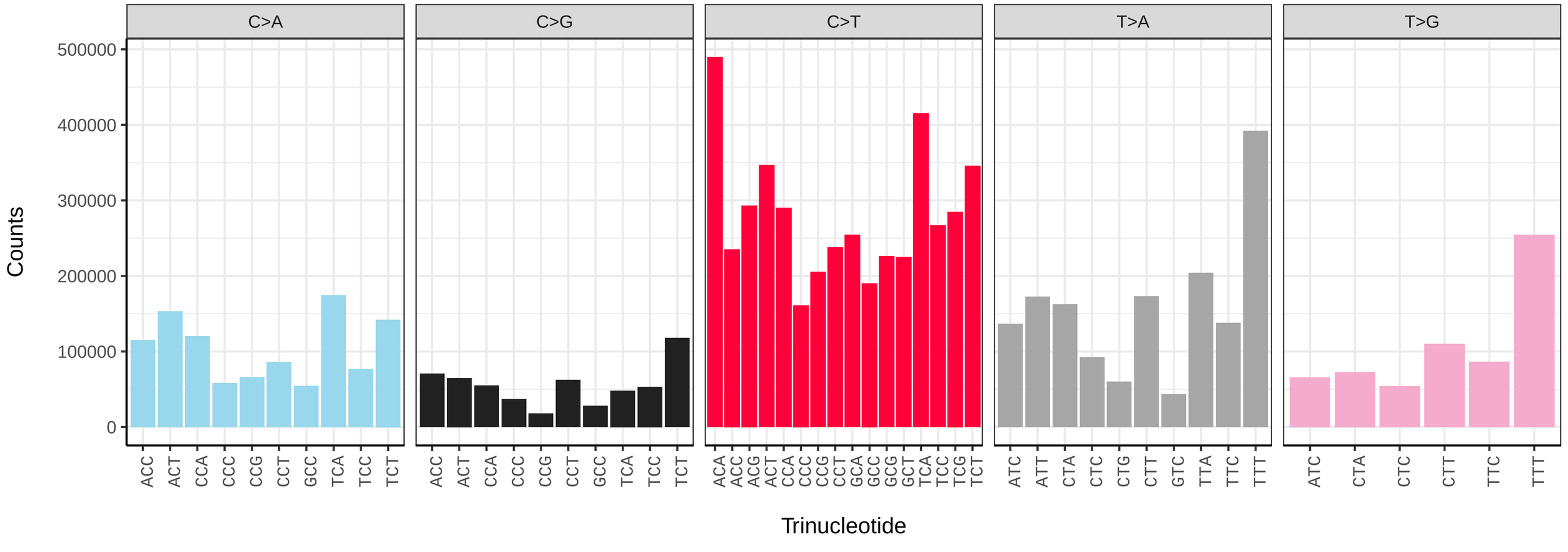
Musotima nitidalis (ilMusNiti1) somatic mutational spectrum (SBS96 classification)



Musotima nitidalis (ilMusNiti1) somatic mutational spectrum (SBS52 classification)



Mythimna albipuncta (ilMytAlbi1) germline mutational spectrum



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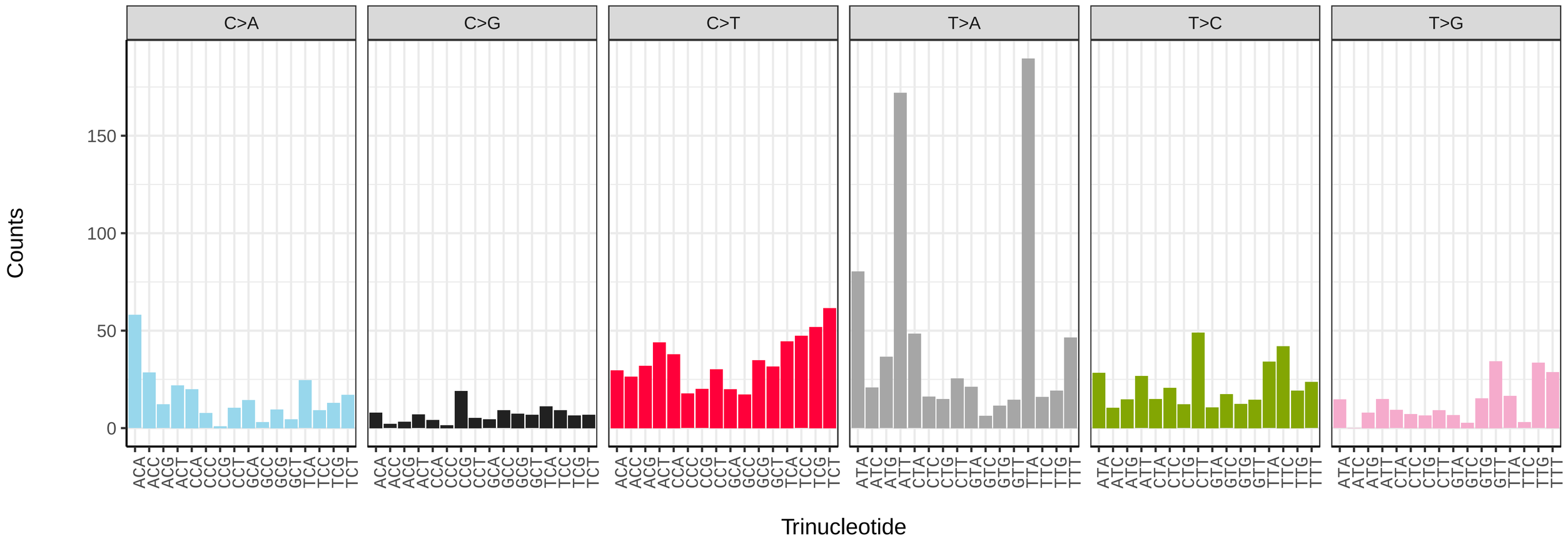
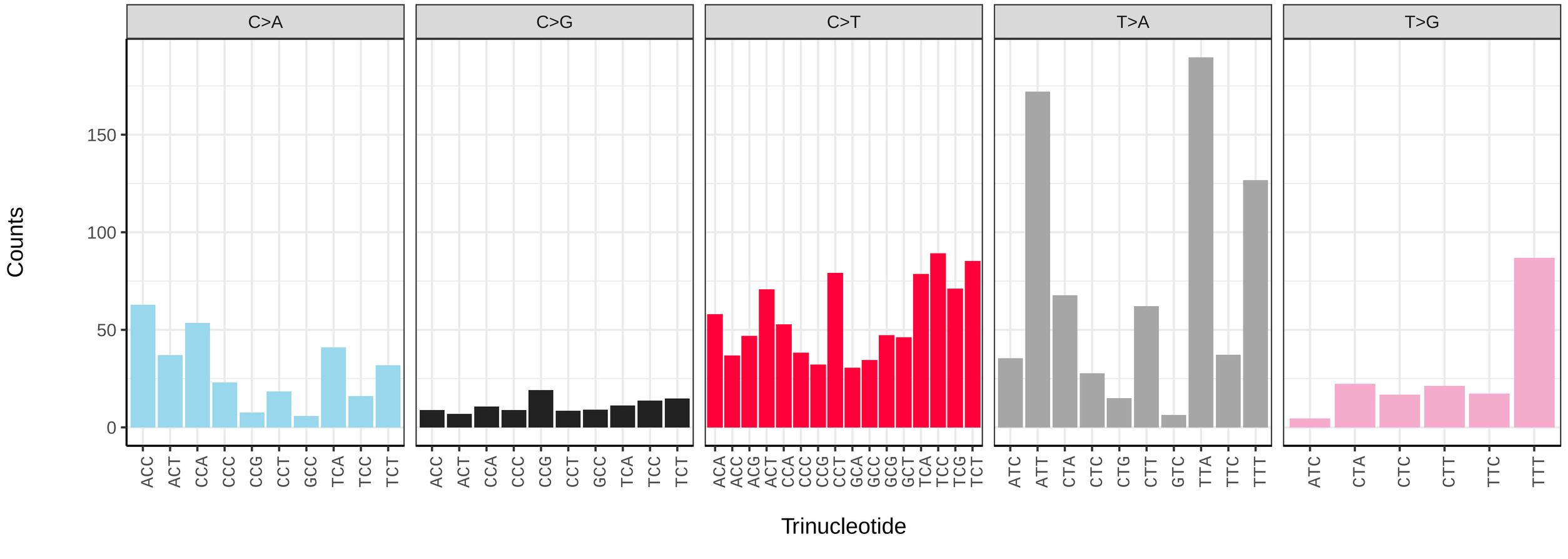
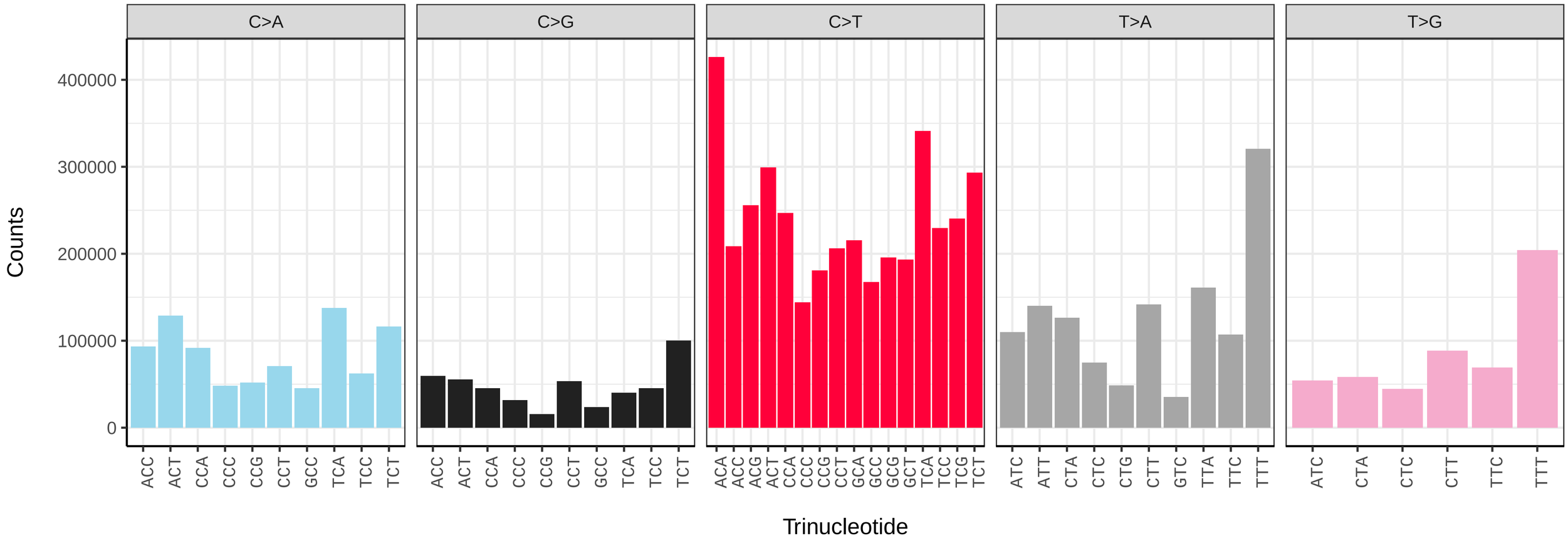


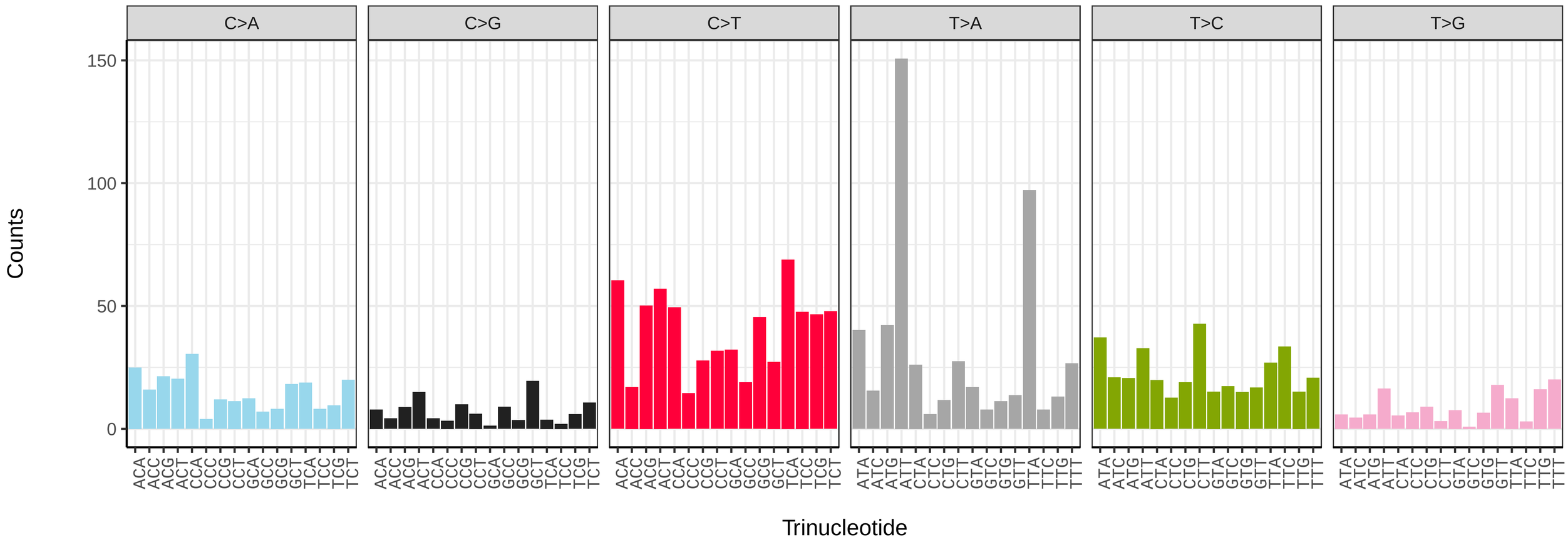
Mythimna albipuncta (ilMytAlbi1) somatic mutational spectrum (SBS52 classification)



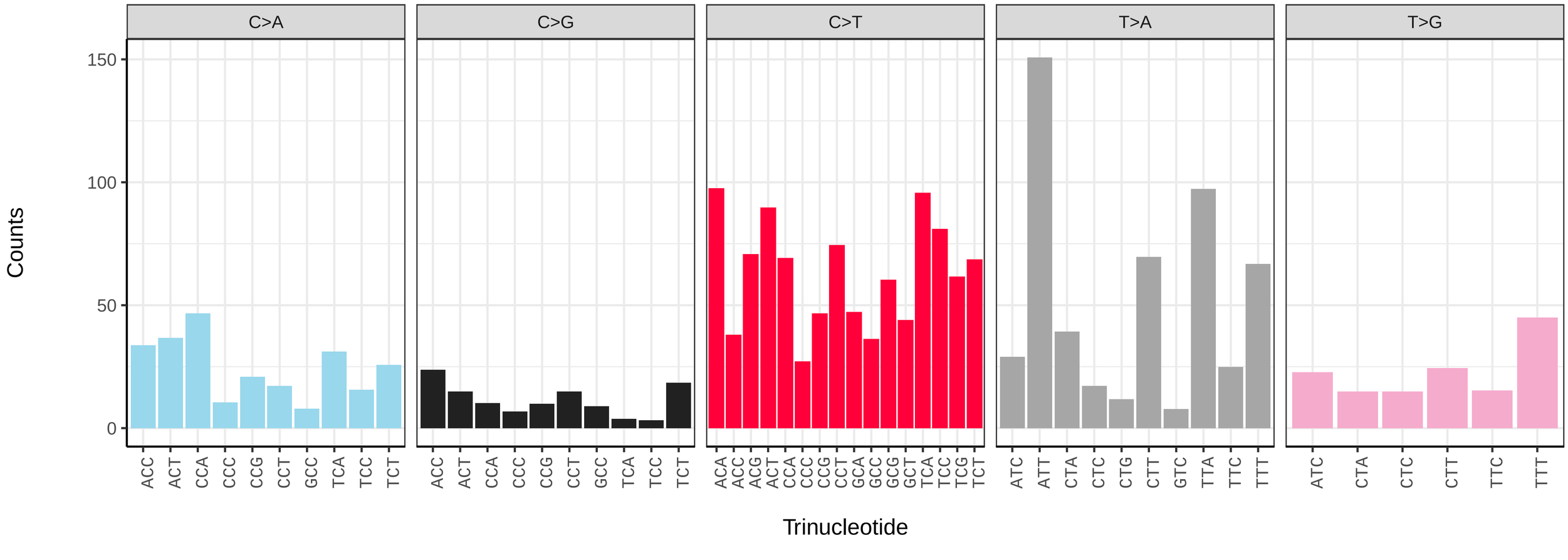
Mythimna ferrago (ilMytFerr1) germline mutational spectrum



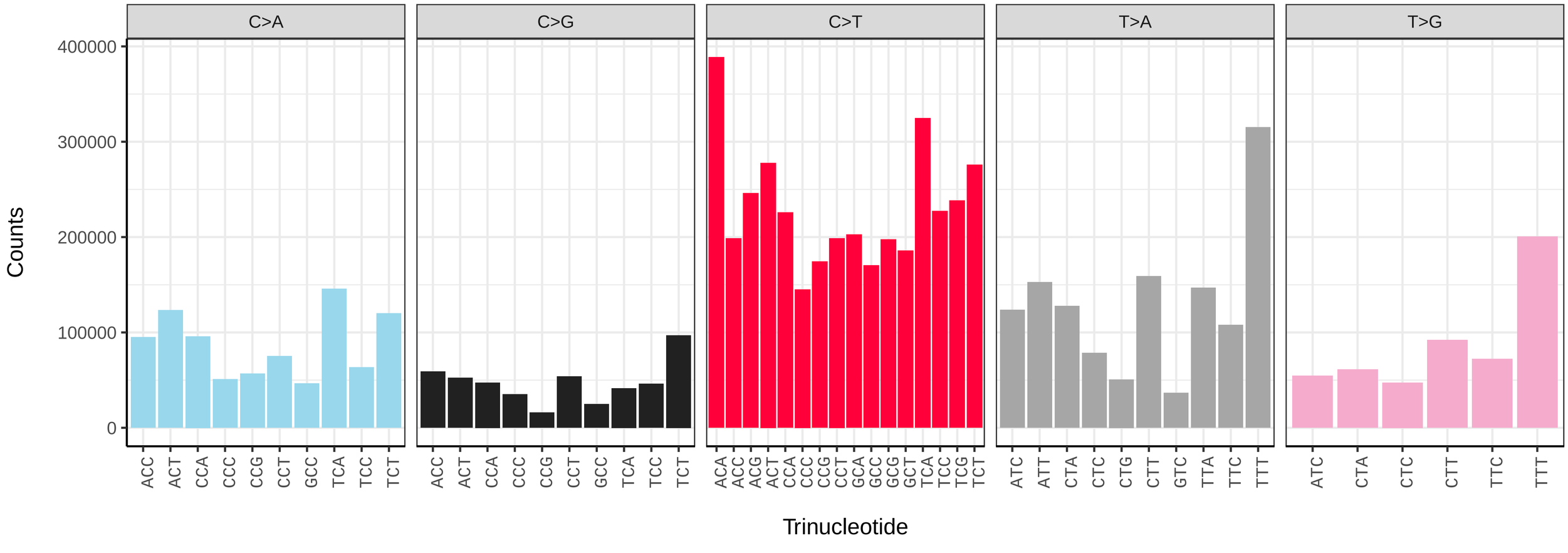
Mythimna ferrago (ilMytFerr1) somatic mutational spectrum (SBS96 classification)



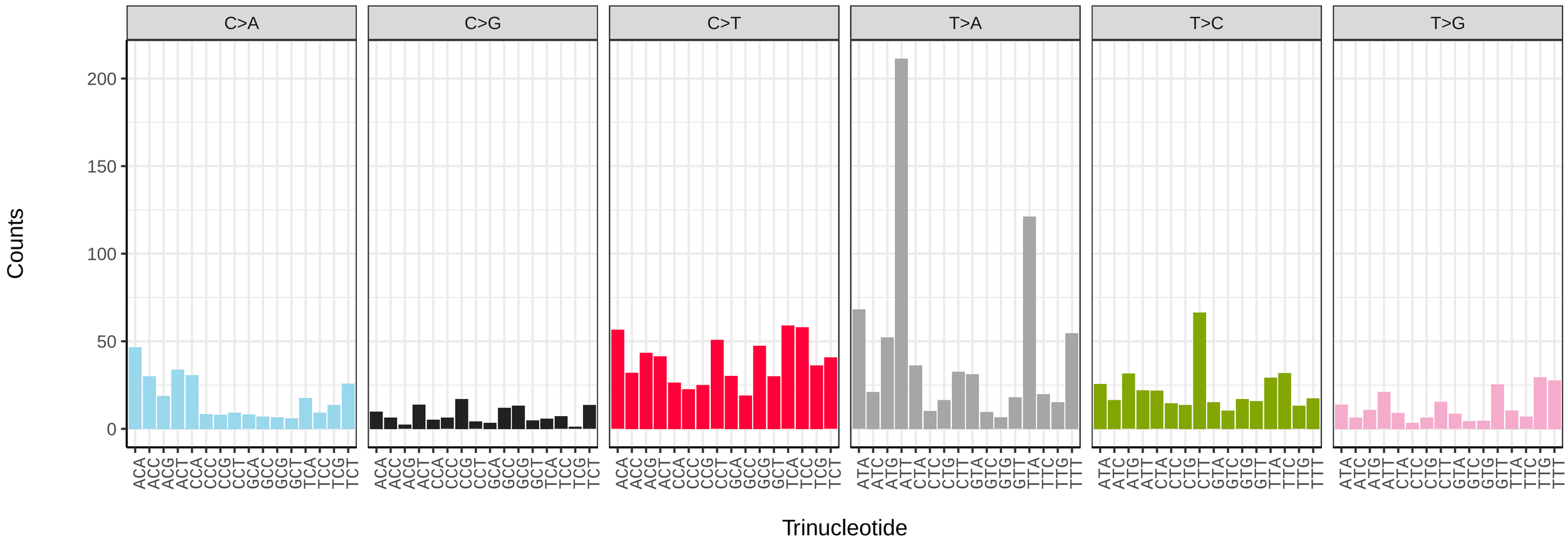
Mythimna ferrago (ilMytFerr1) somatic mutational spectrum (SBS52 classification)



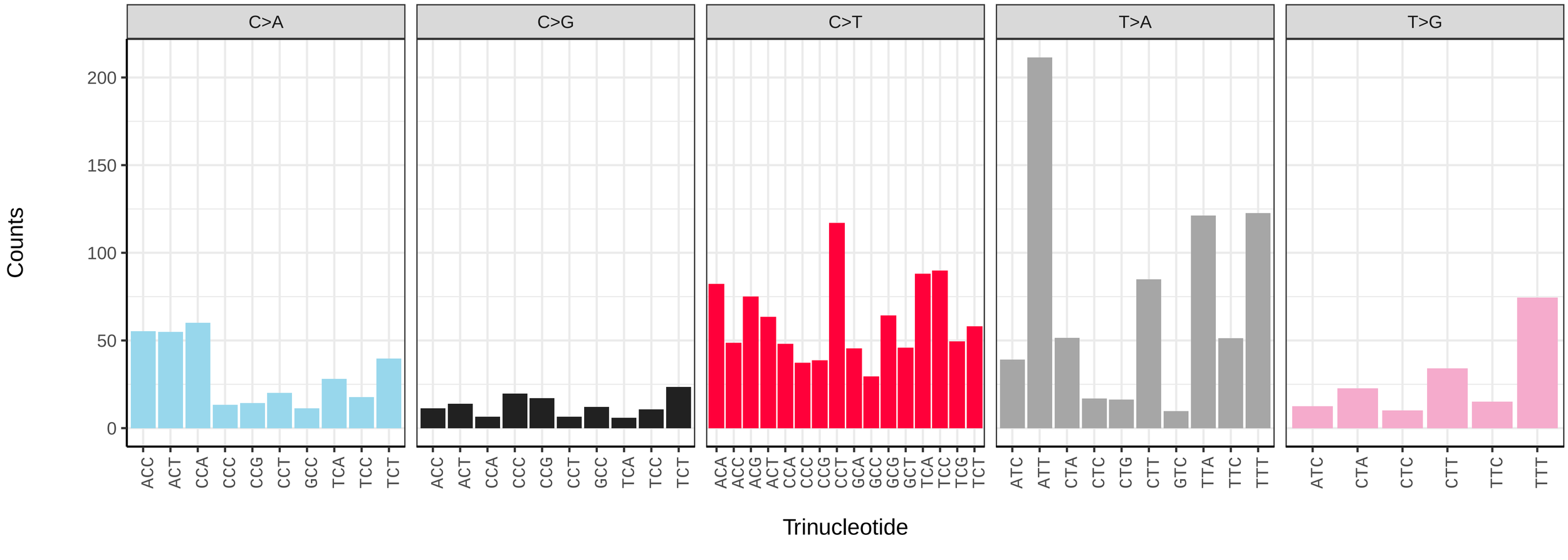
Mythimna impura (ilMytImpu1) germline mutational spectrum



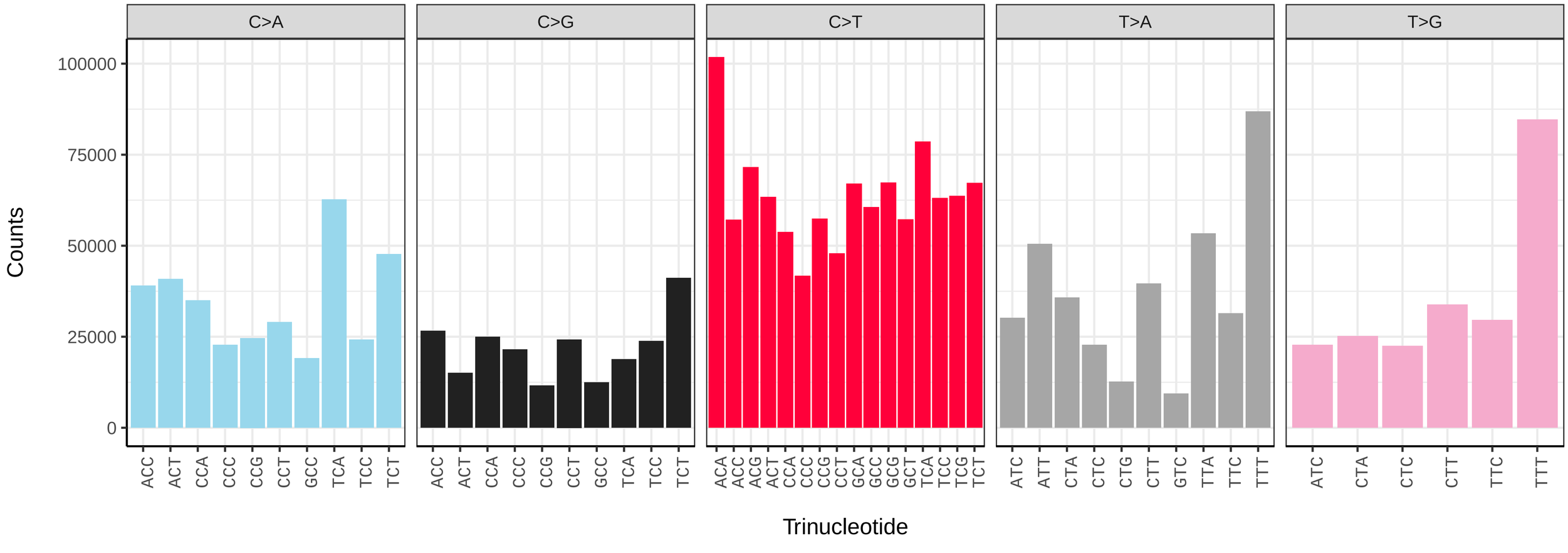
Mythimna impura (ilMytImpu1) somatic mutational spectrum (SBS96 classification)



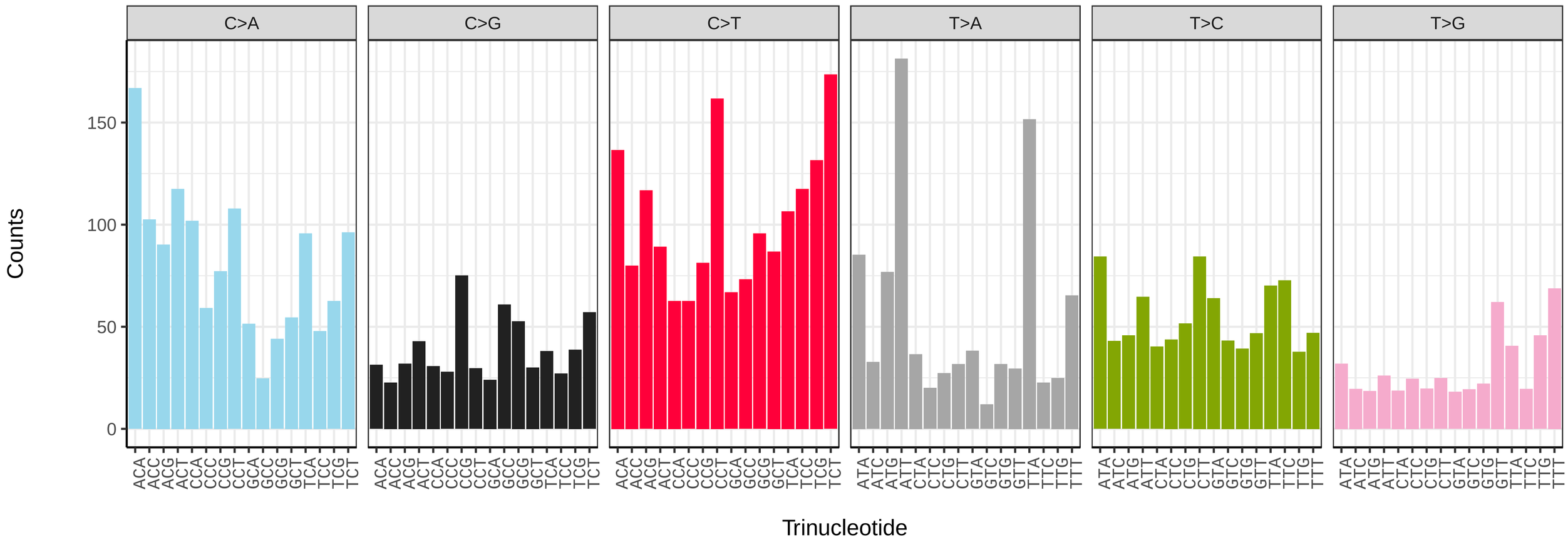
Mythimna impura (ilMytImpu1) somatic mutational spectrum (SBS52 classification)



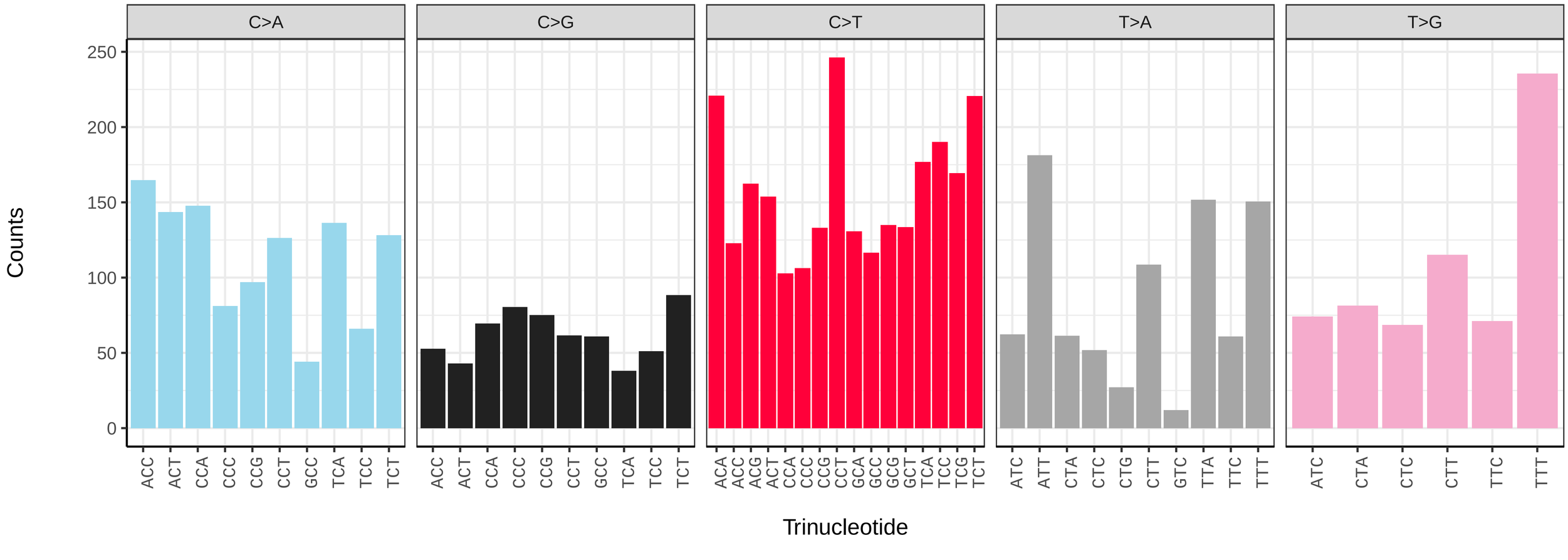
Nematopogon swammerdamellus (ilNemSwae1) germline mutational spectrum



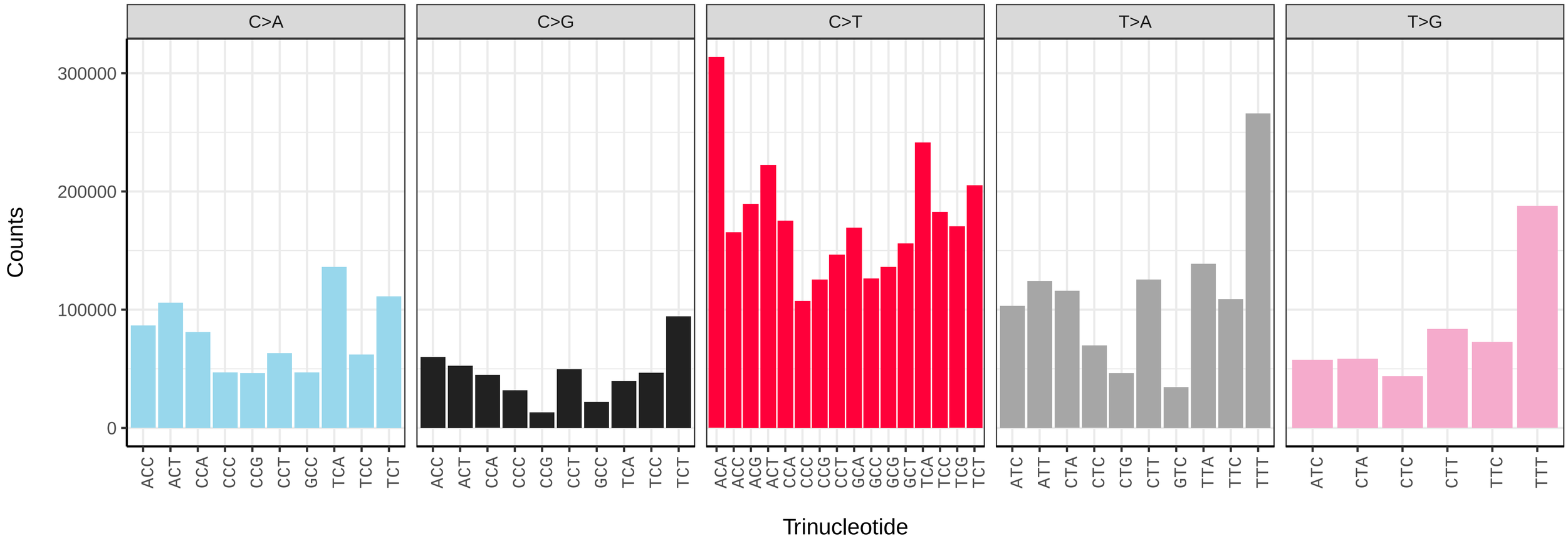
Nematopogon swammerdamellus (ilNemSwae1) somatic mutational spectrum (SBS96 classification)



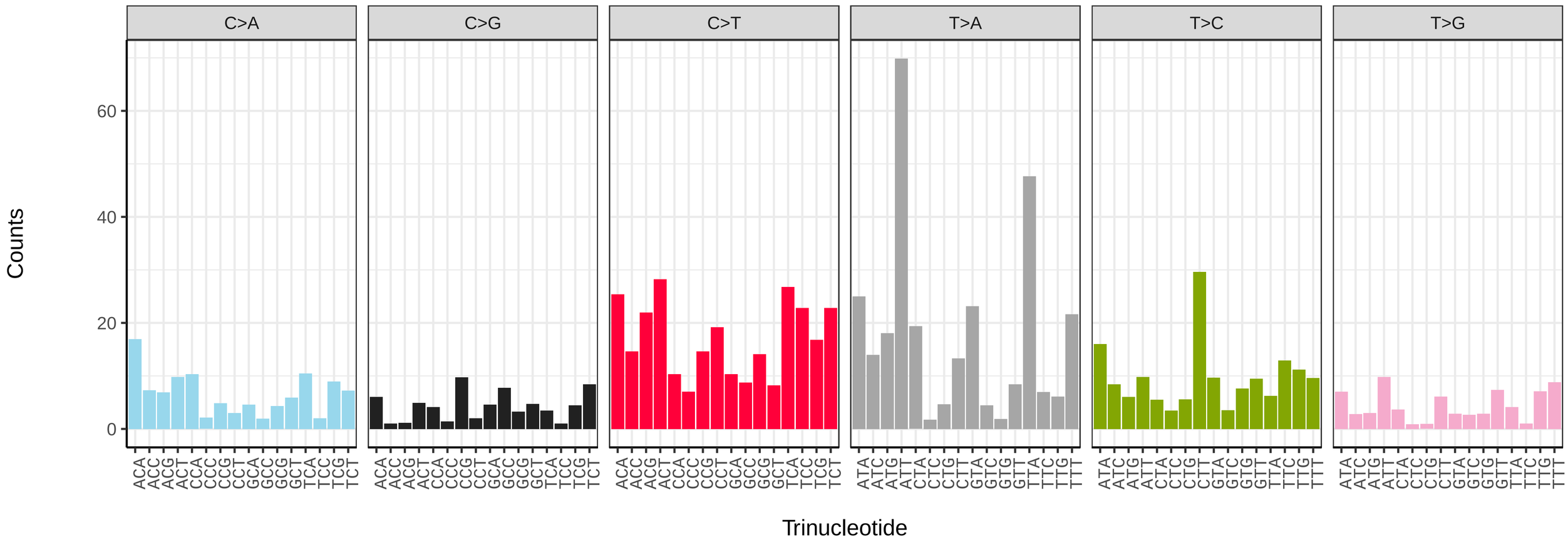
Nematopogon swammerdamellus (ilNemSwae1) somatic mutational spectrum (SBS52 classification)



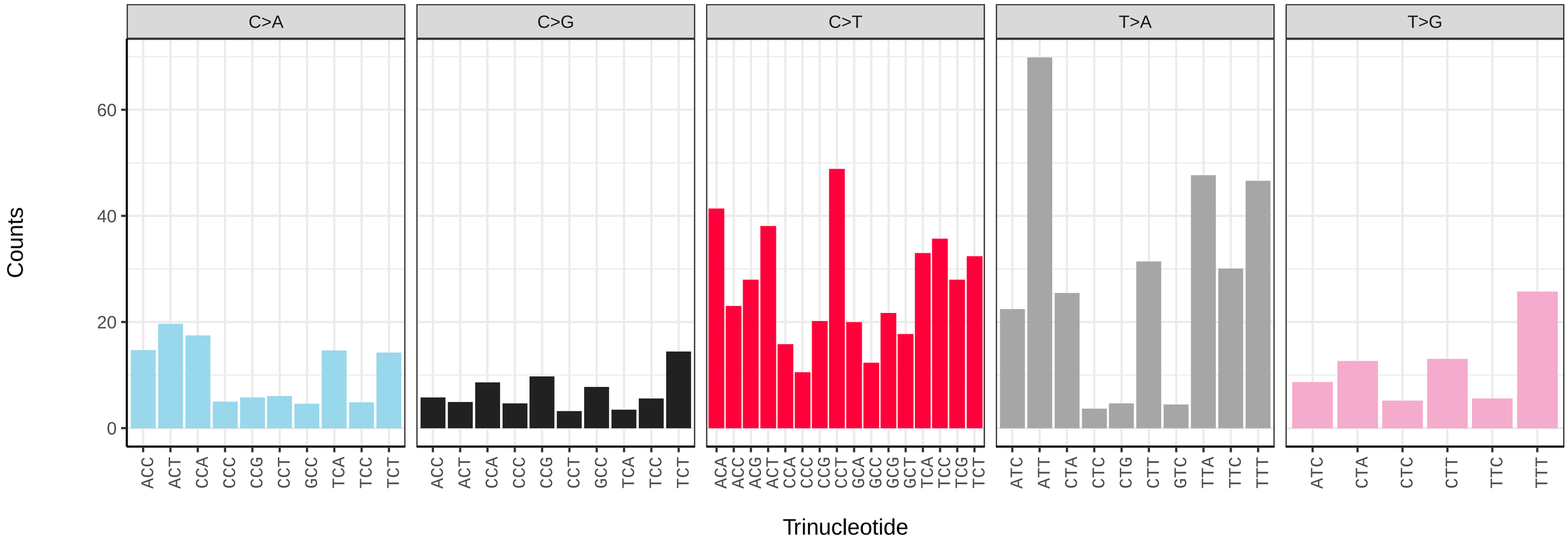
Noctua fimbriata (ilNocFimb1) germline mutational spectrum



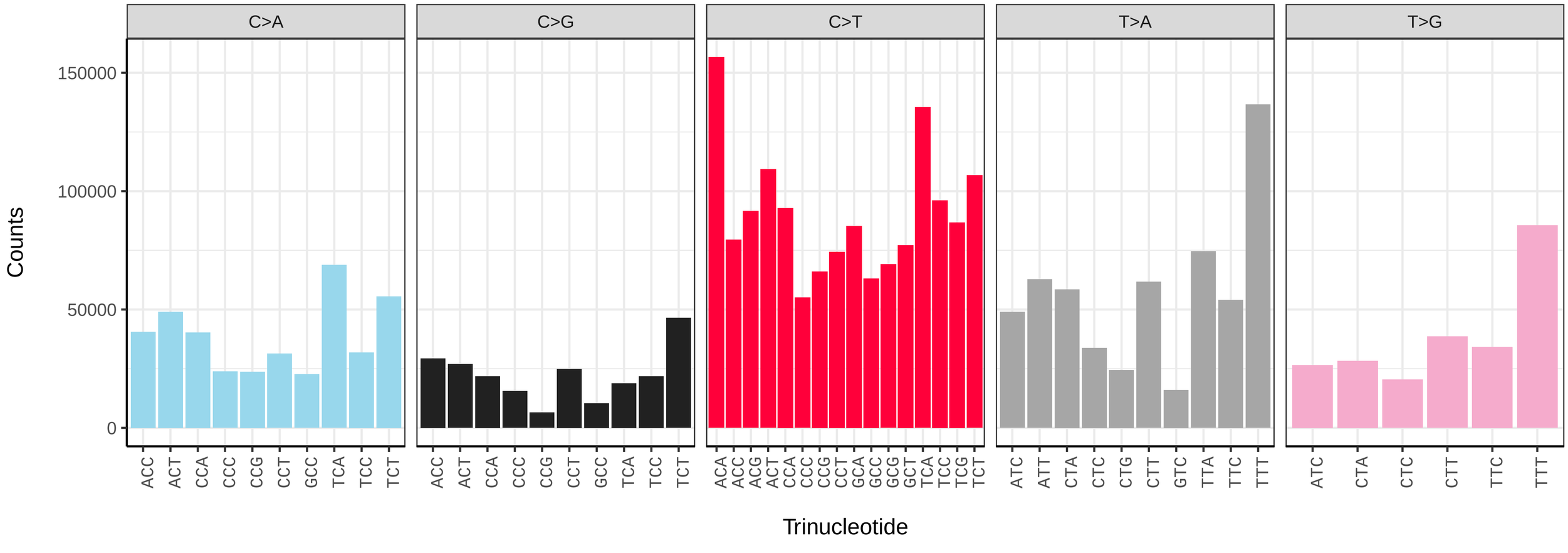
Noctua fimbriata (ilNocFimb1) somatic mutational spectrum (SBS96 classification)



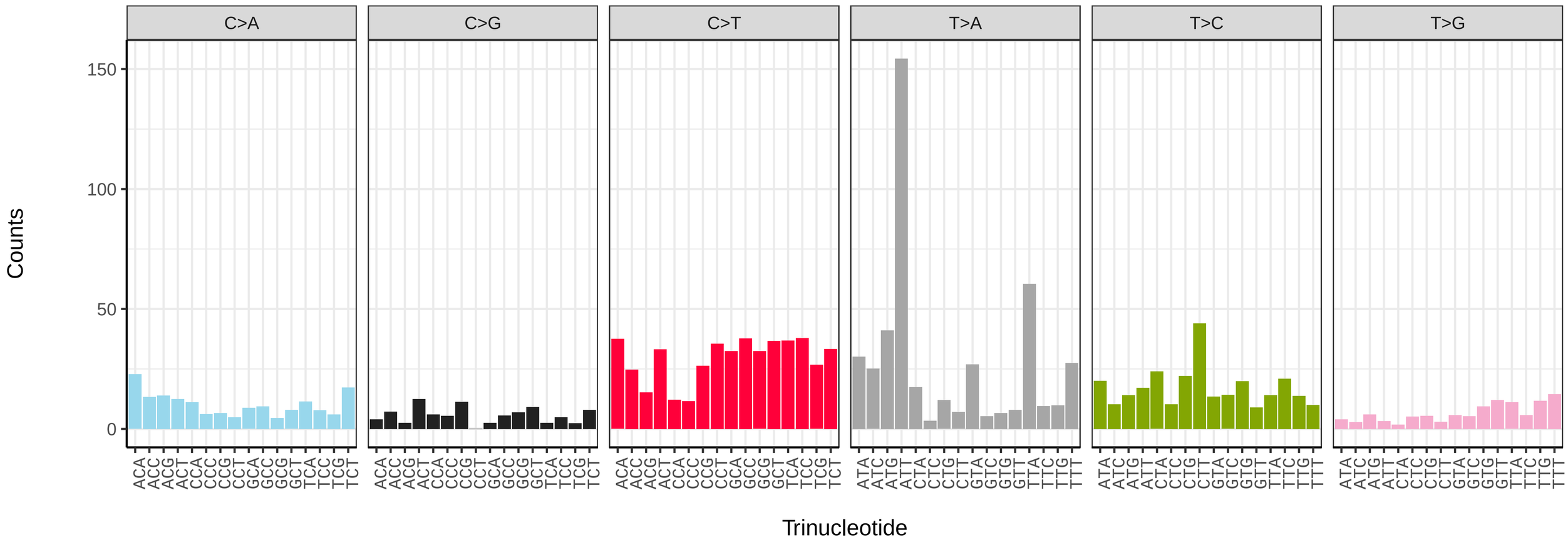
Noctua fimbriata (ilNocFimb1) somatic mutational spectrum (SBS52 classification)



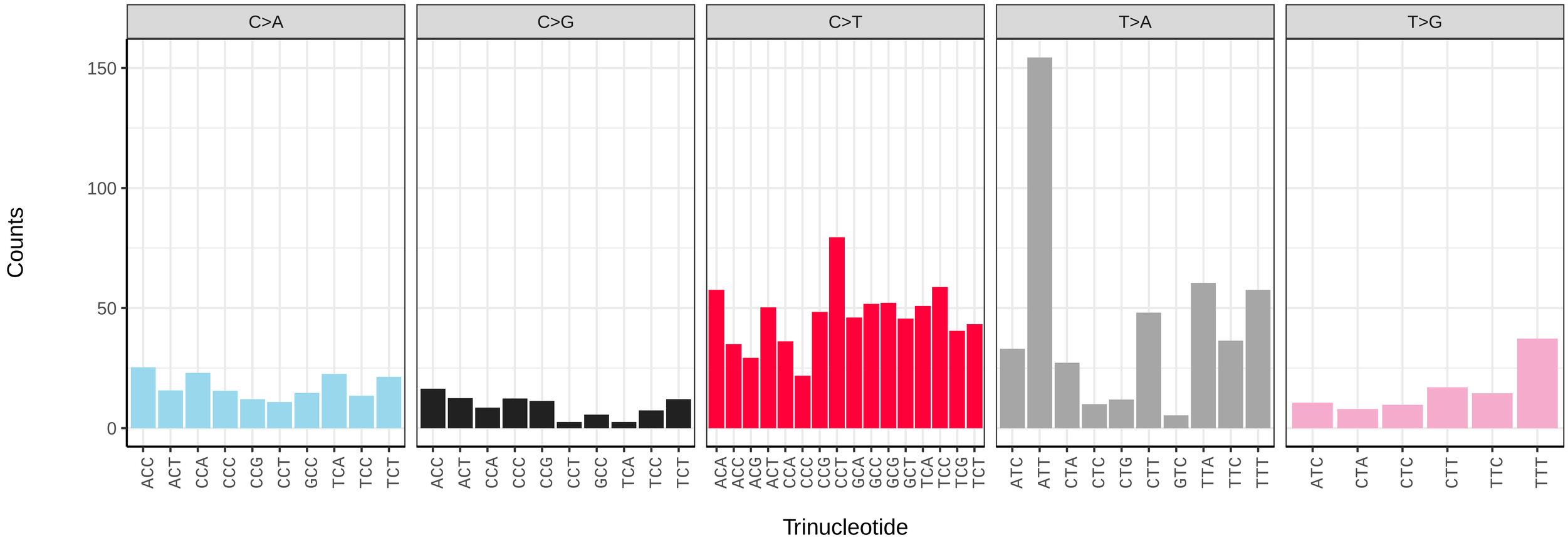
Noctua janthe (ilNocJant1) germline mutational spectrum



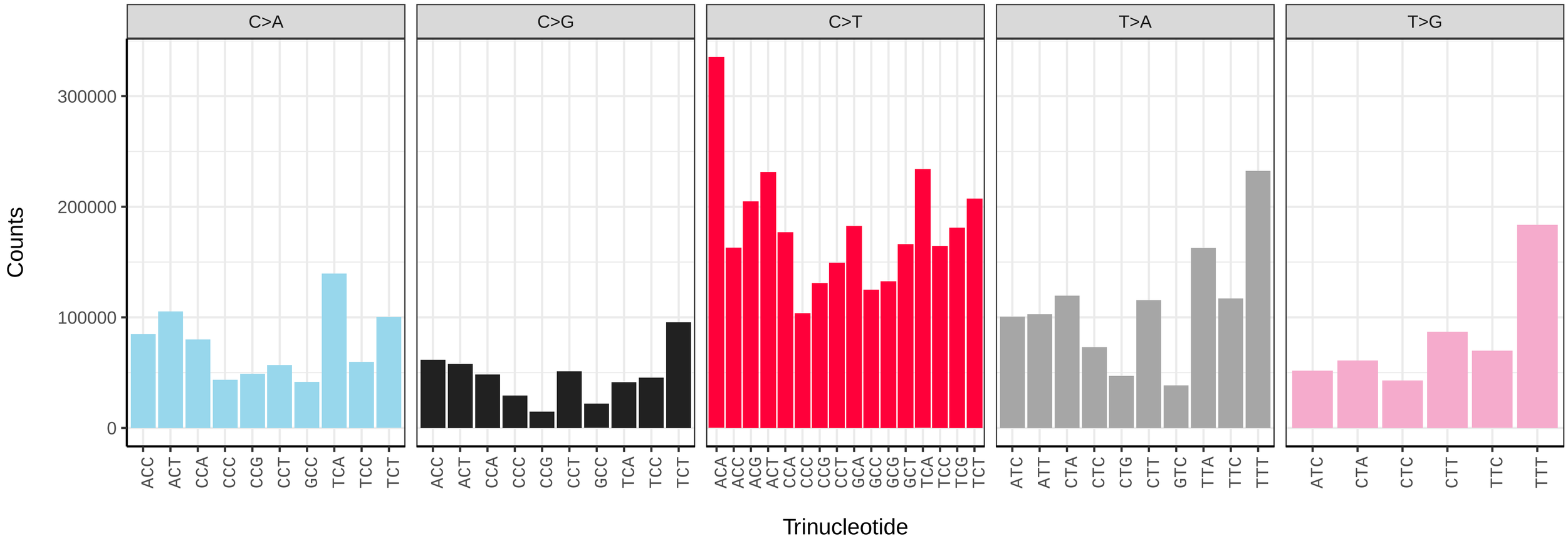
Noctua janthe (ilNocJant1) somatic mutational spectrum (SBS96 classification)



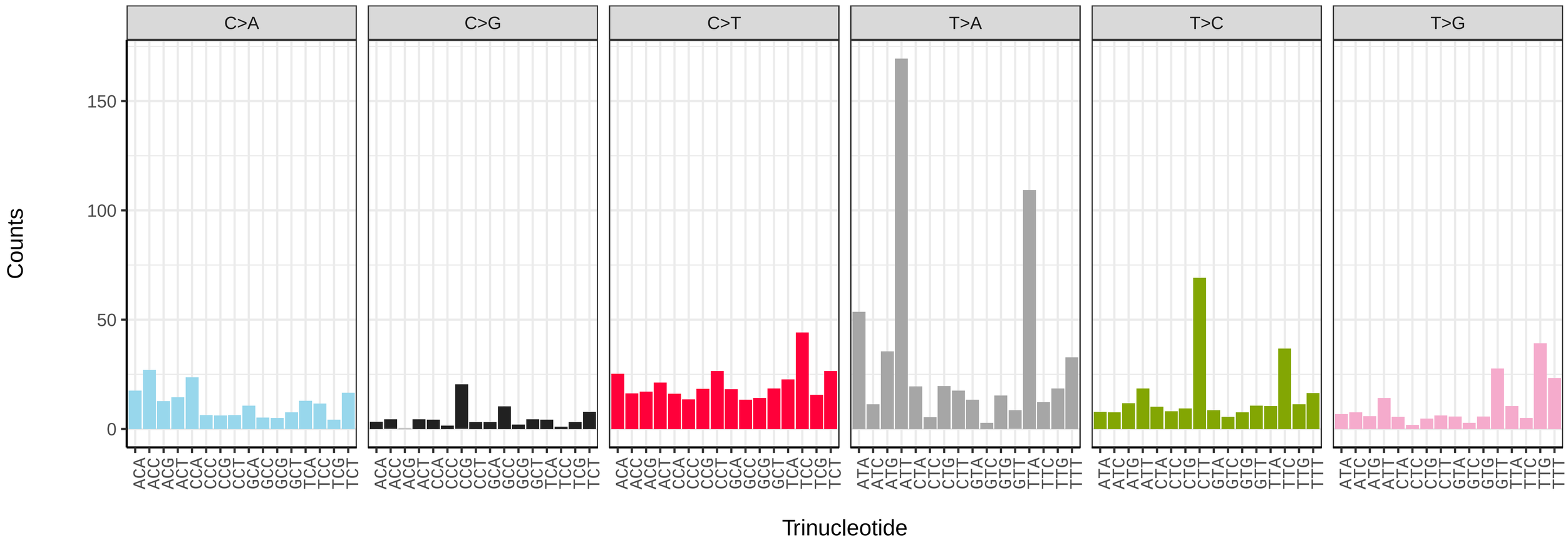
Noctua janthe (ilNocJant1) somatic mutational spectrum (SBS52 classification)



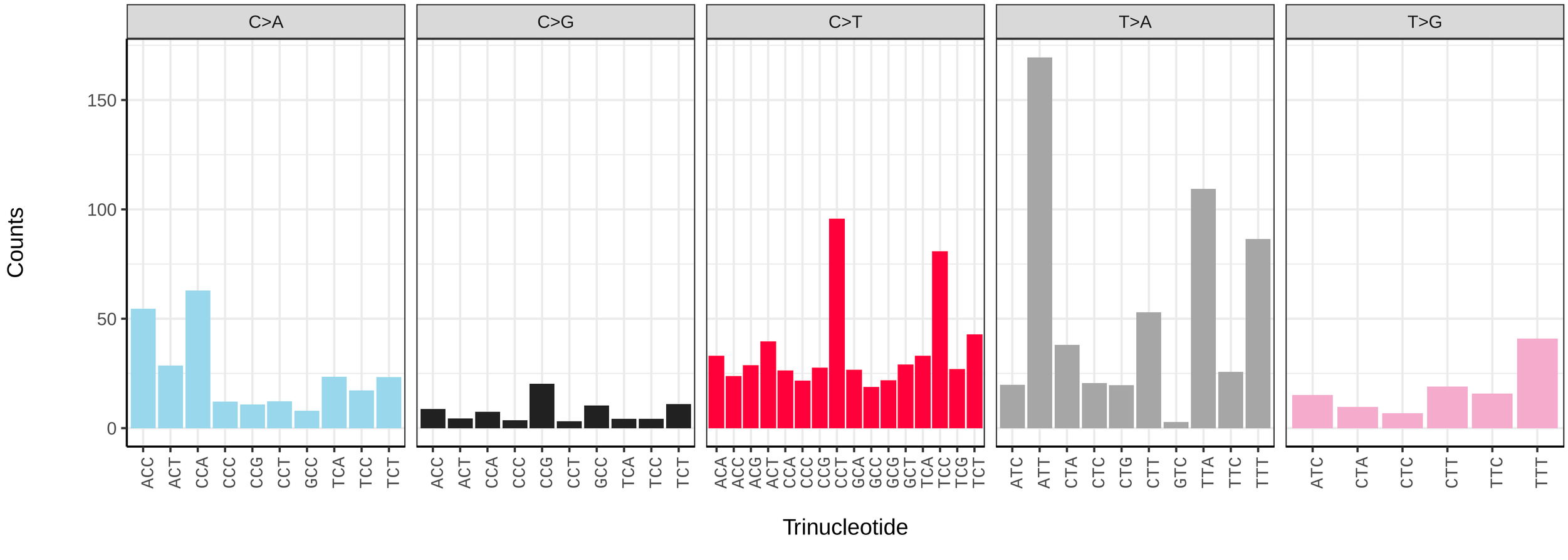
Noctua pronuba (ilNocPron1) germline mutational spectrum



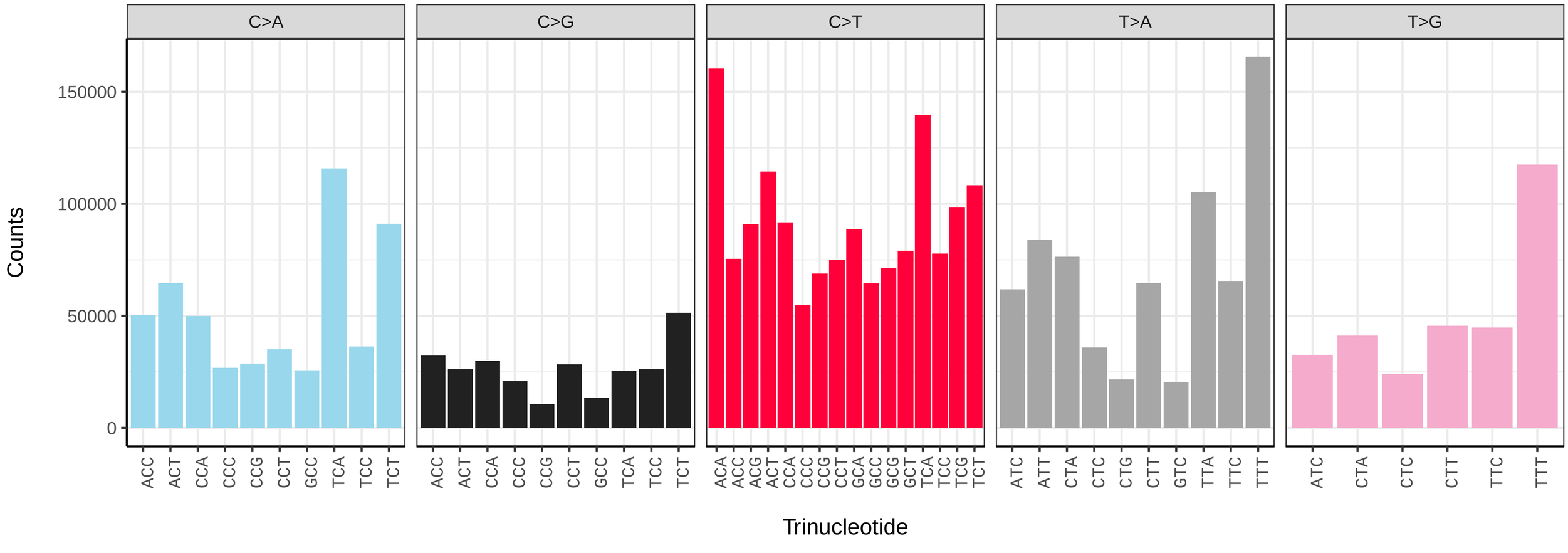
Noctua pronuba (ilNocPron1) somatic mutational spectrum (SBS96 classification)



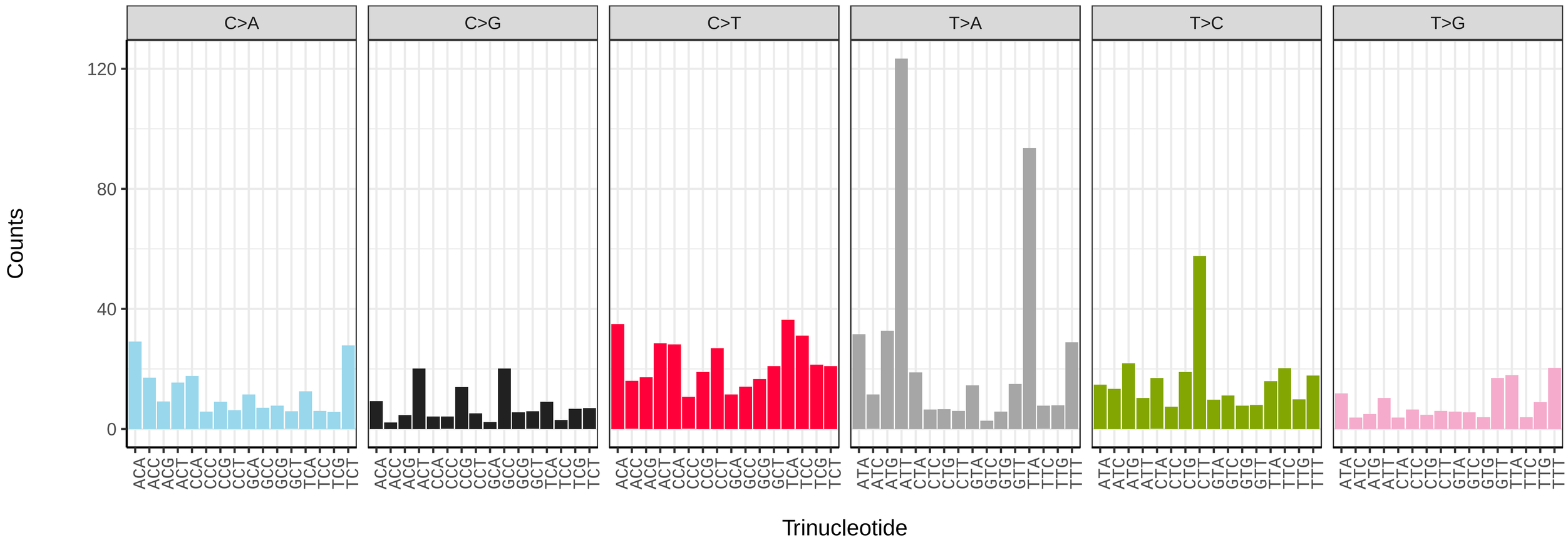
Noctua pronuba (ilNocPron1) somatic mutational spectrum (SBS52 classification)



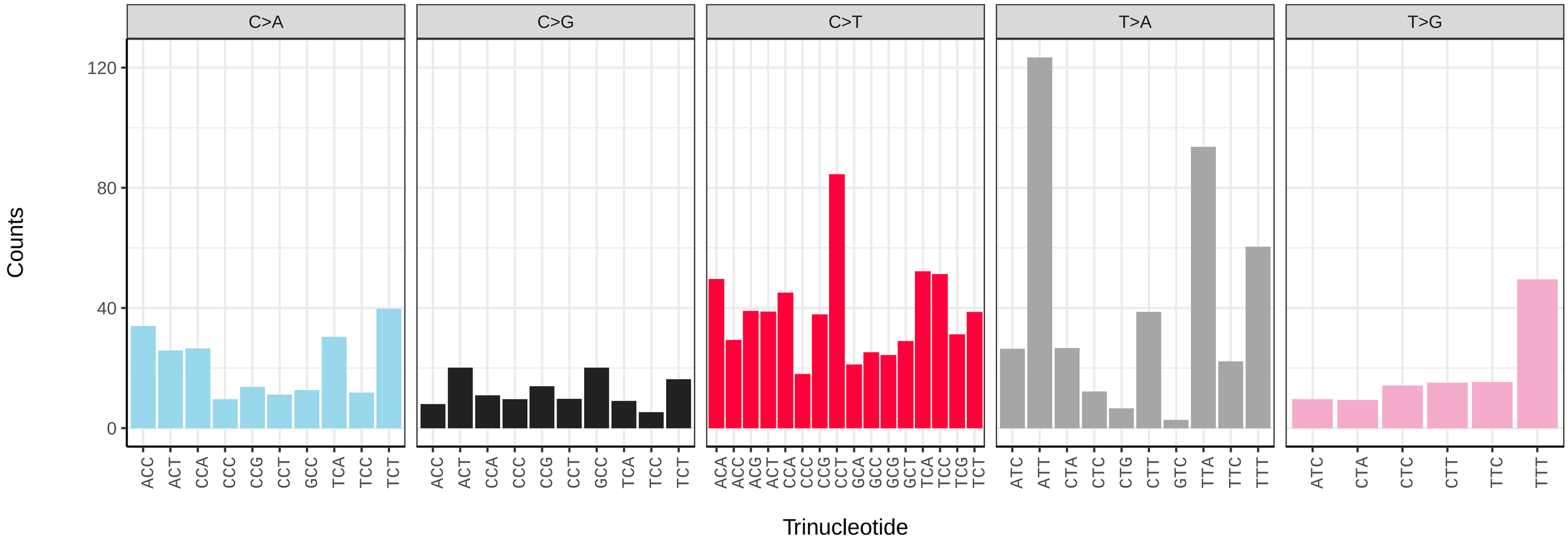
Notodonta dromedarius (ilNotDrom1) germline mutational spectrum



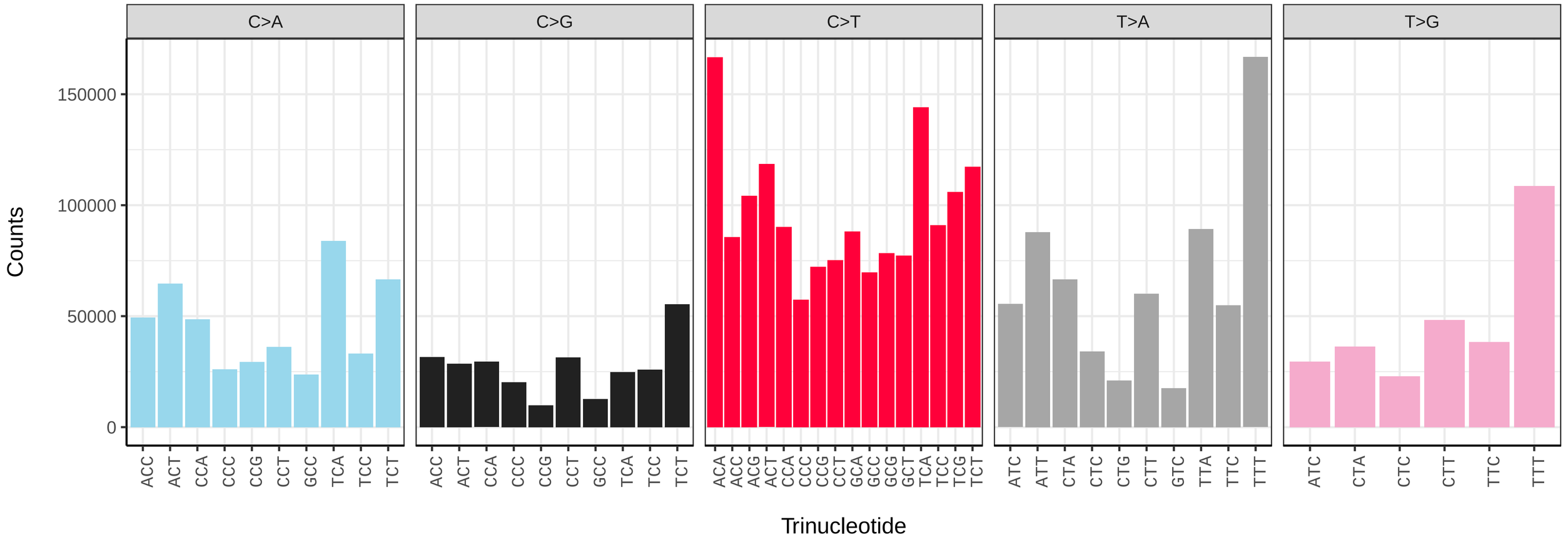
Notodonta dromedarius (ilNotDrom1) somatic mutational spectrum (SBS96 classification)



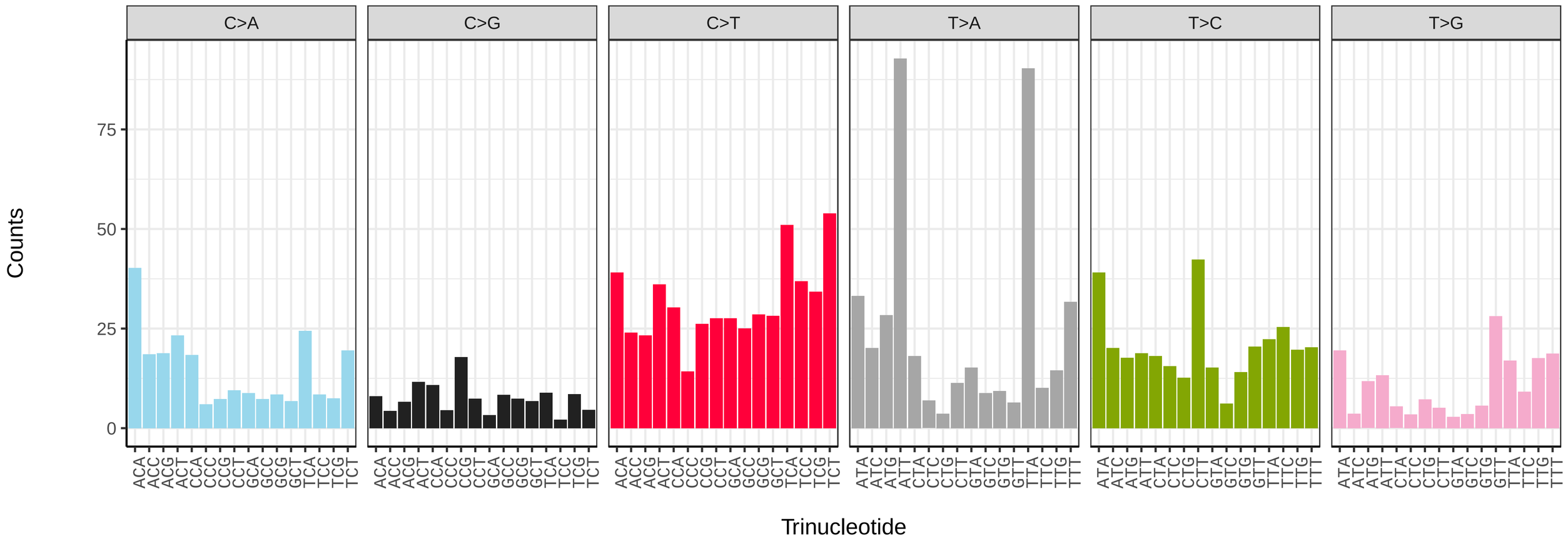
Notodonta dromedarius (ilNotDrom1) somatic mutational spectrum (SBS52 classification)



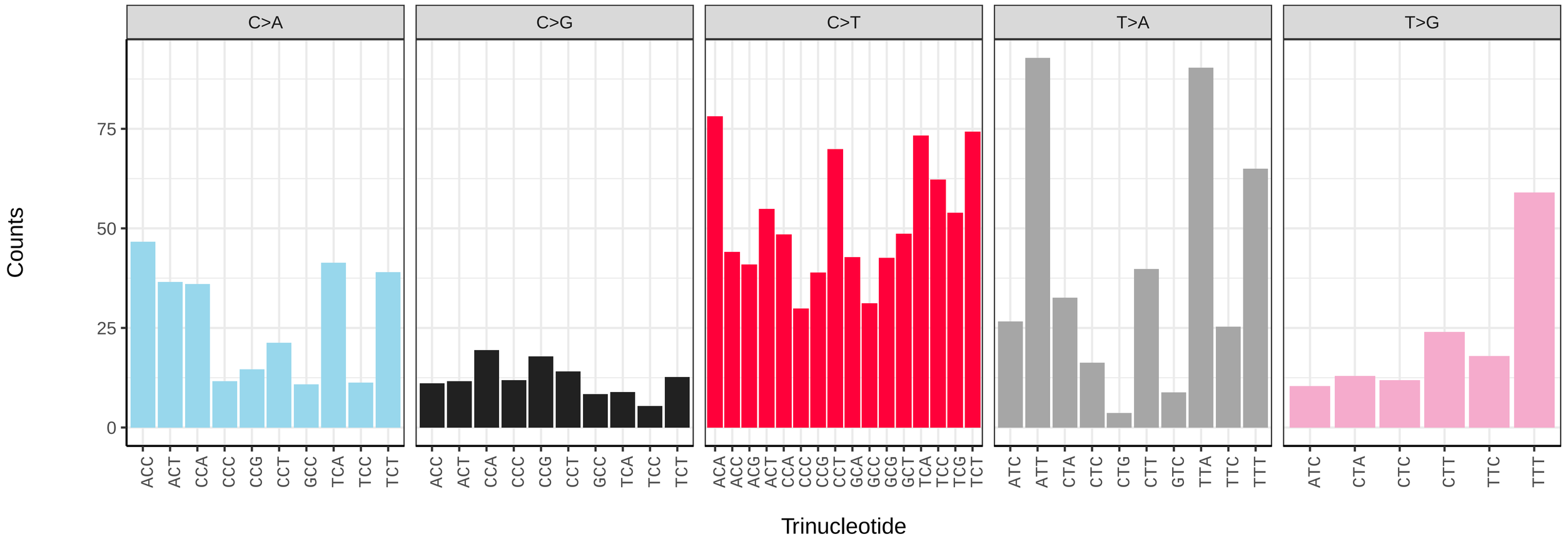
Notocelia uddmanniana (ilNotUddm1) germline mutational spectrum



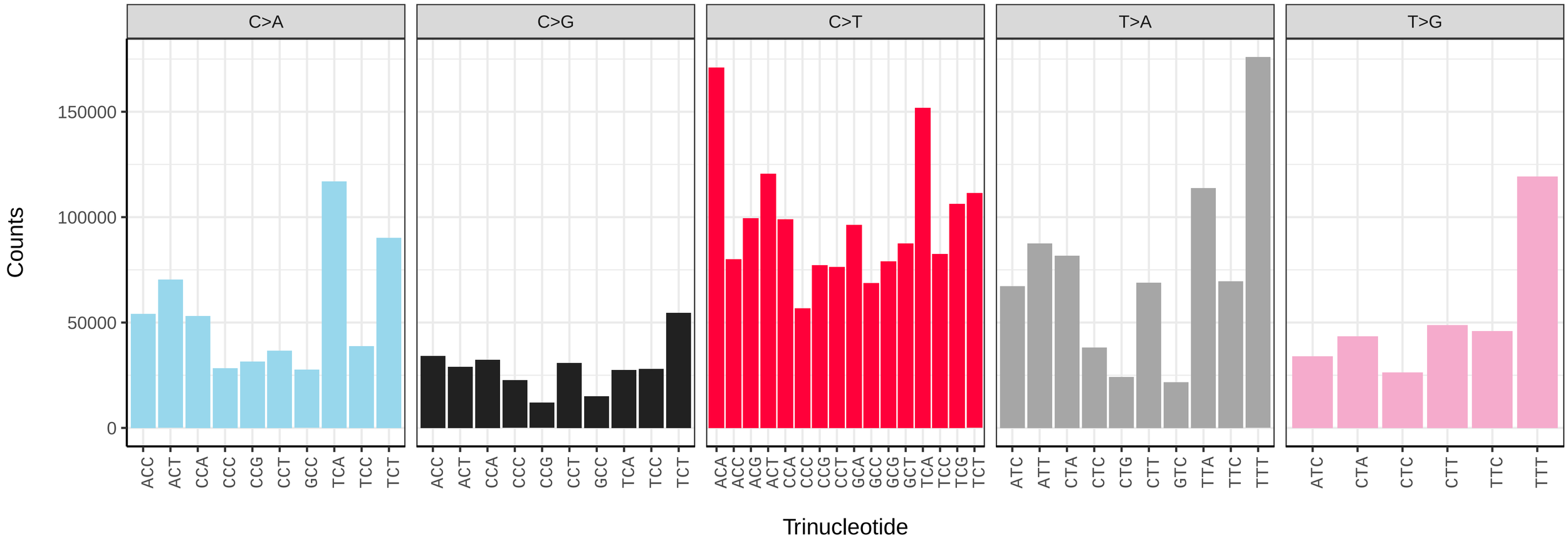
Notocelia uddmanniana (ilNotUddm1) somatic mutational spectrum (SBS96 classification)



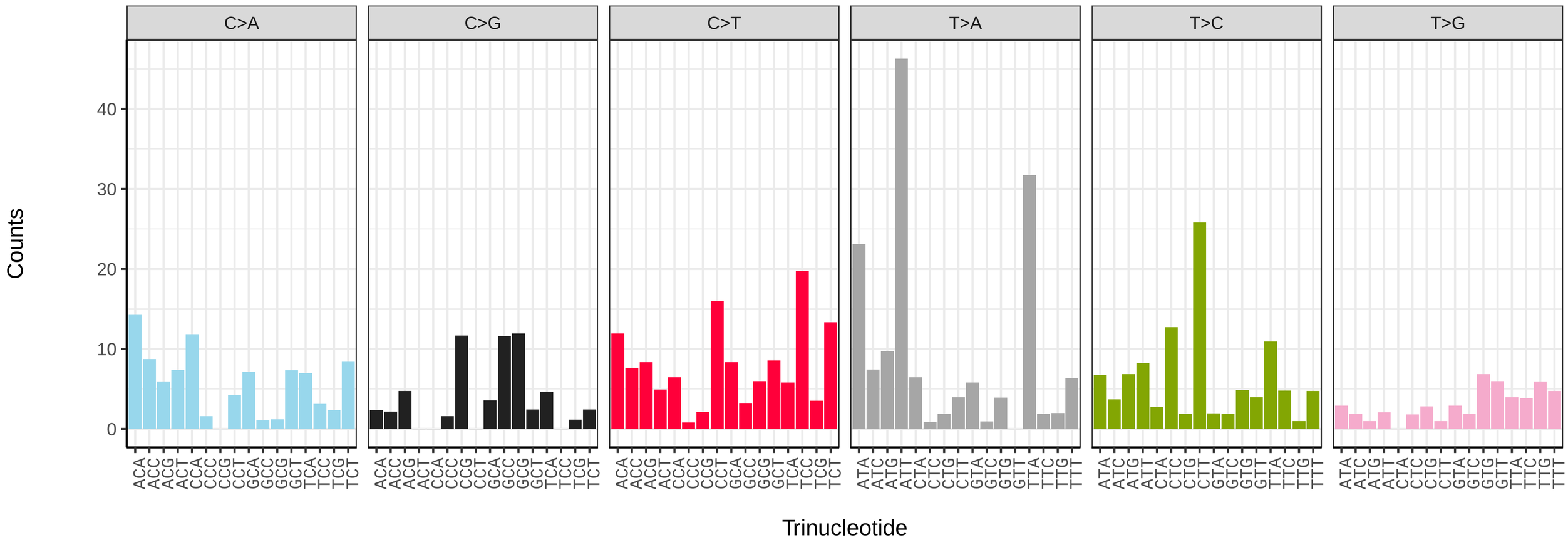
Notocelia uddmanniana (ilNotUddm1) somatic mutational spectrum (SBS52 classification)



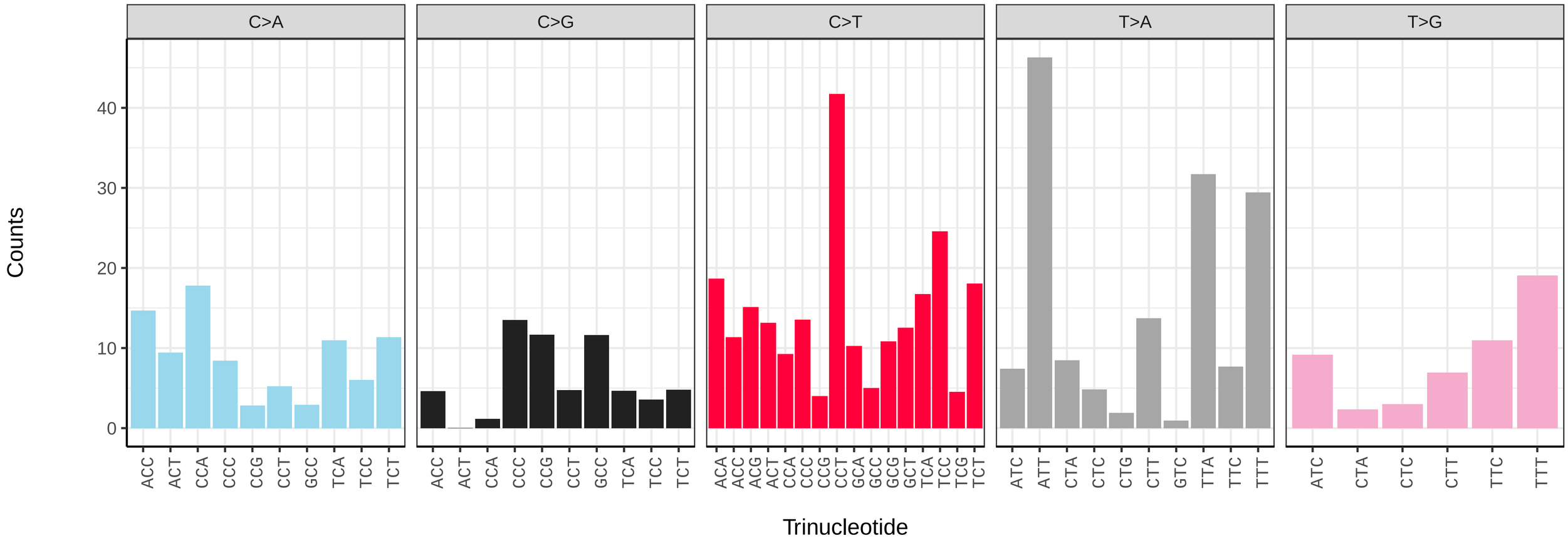
Notodonta ziczac (ilNotZicz1) germline mutational spectrum



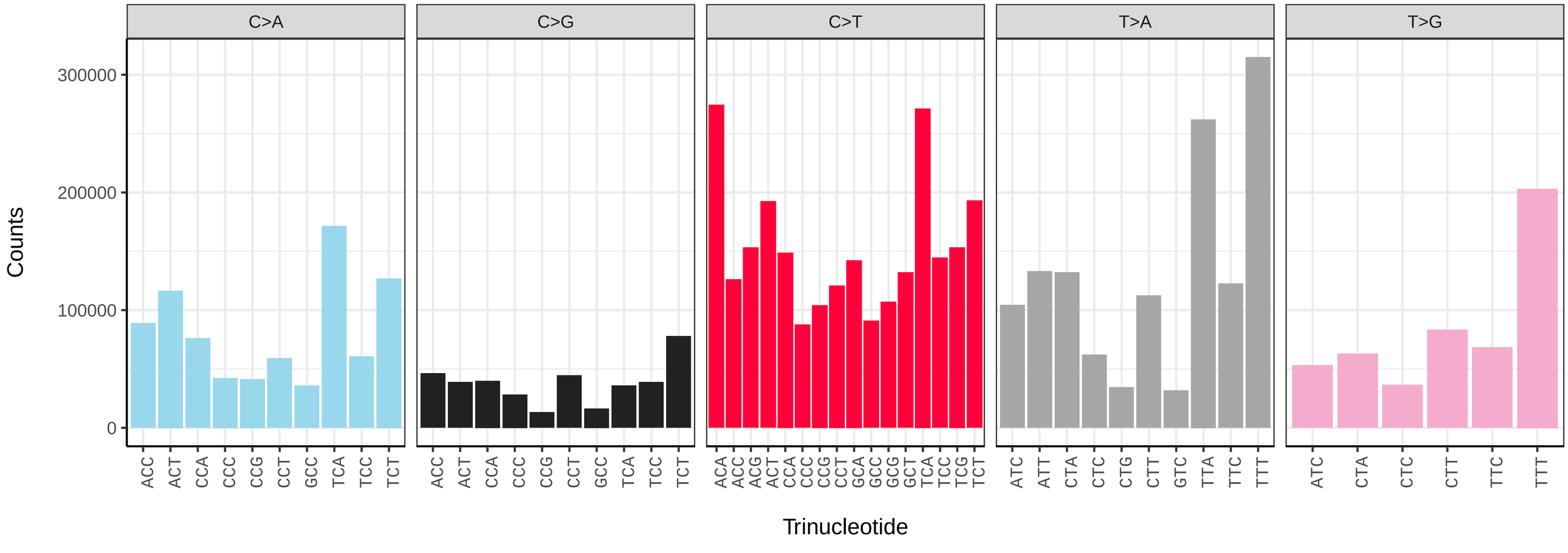
Notodonta ziczac (ilNotZicz1) somatic mutational spectrum (SBS96 classification)



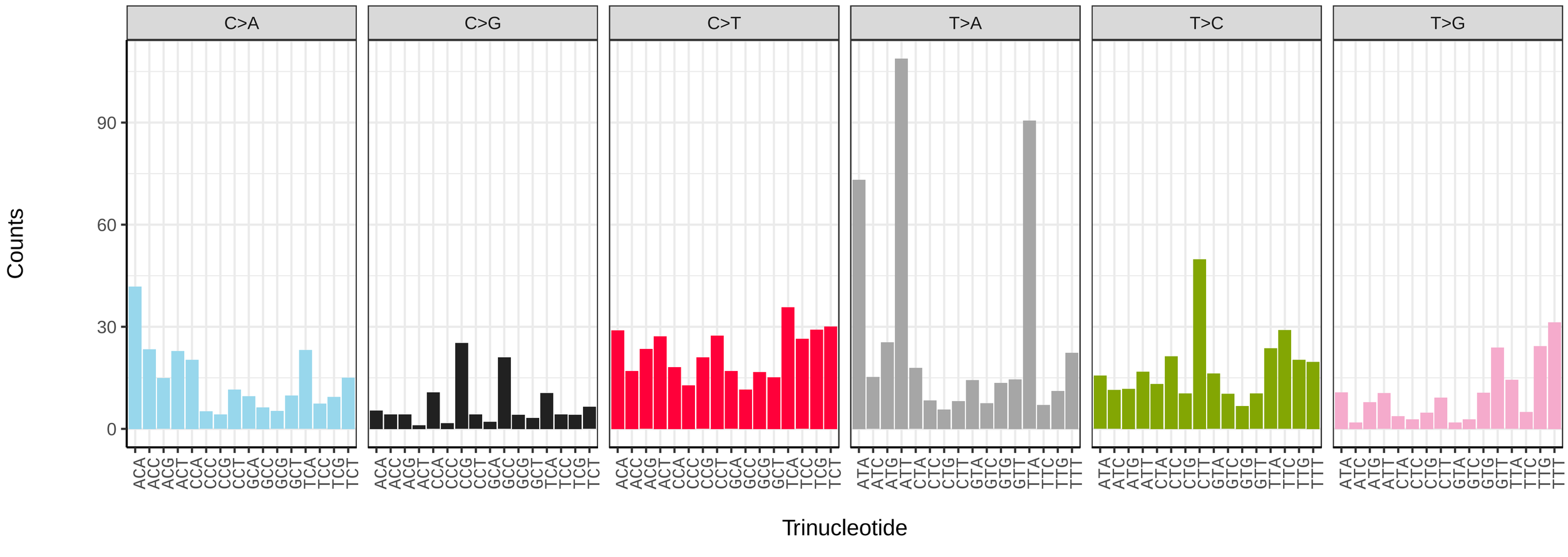
Notodonta ziczac (ilNotZicz1) somatic mutational spectrum (SBS52 classification)



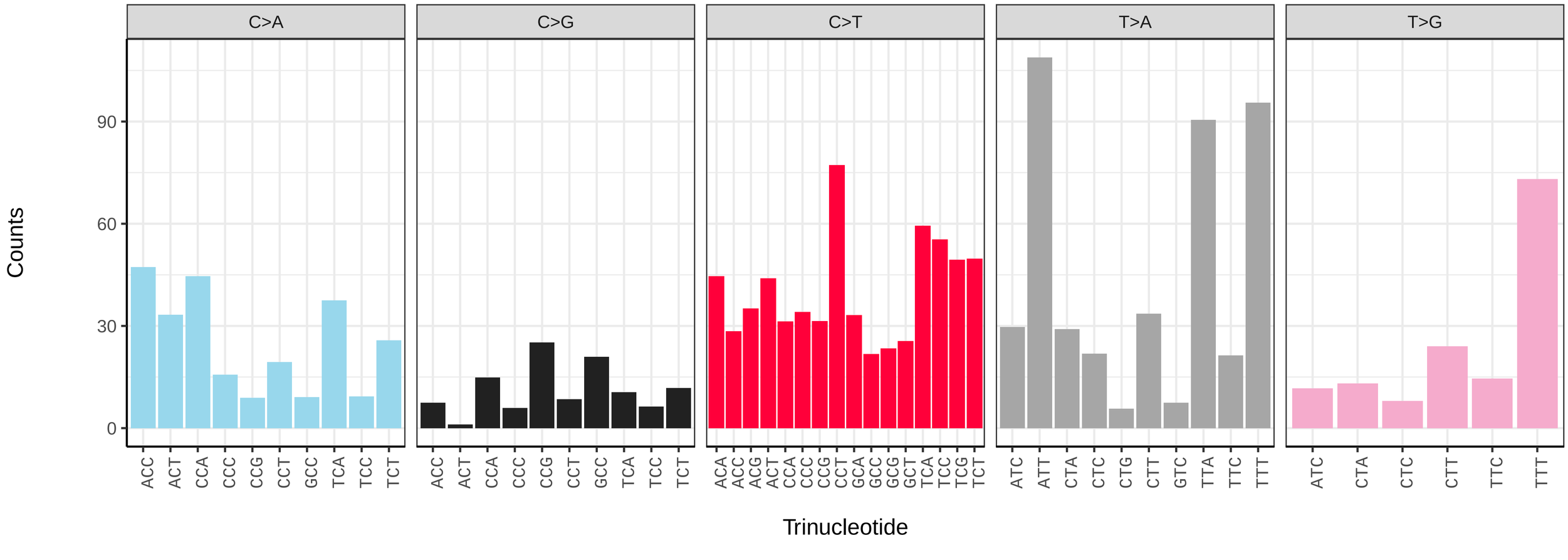
Nycteola revayana (ilNycReva1) germline mutational spectrum



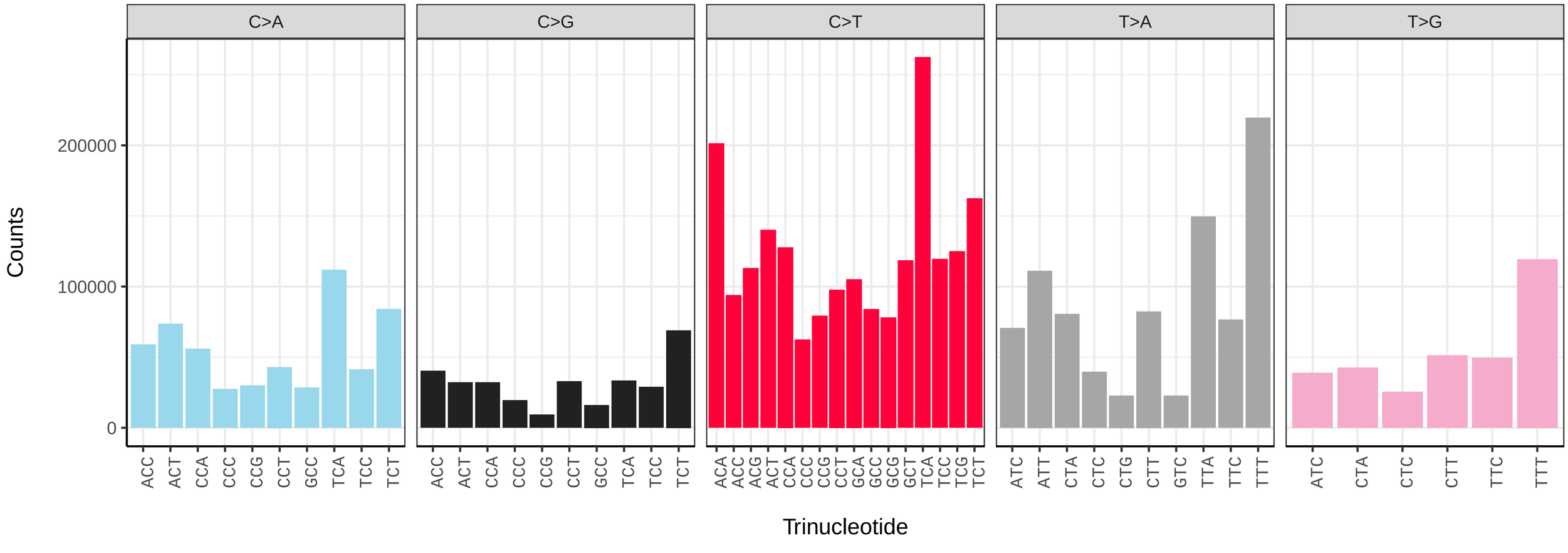
Nycteola revayana (ilNycReva1) somatic mutational spectrum (SBS96 classification)



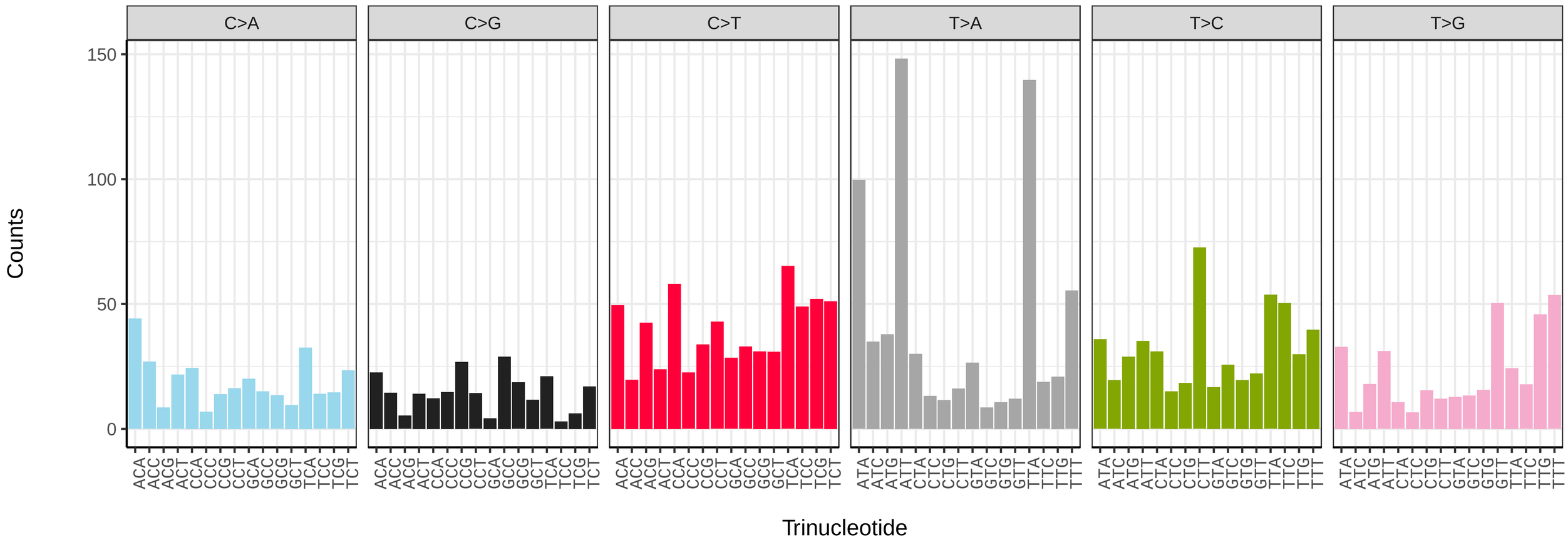
Nycteola revayana (ilNycReva1) somatic mutational spectrum (SBS52 classification)



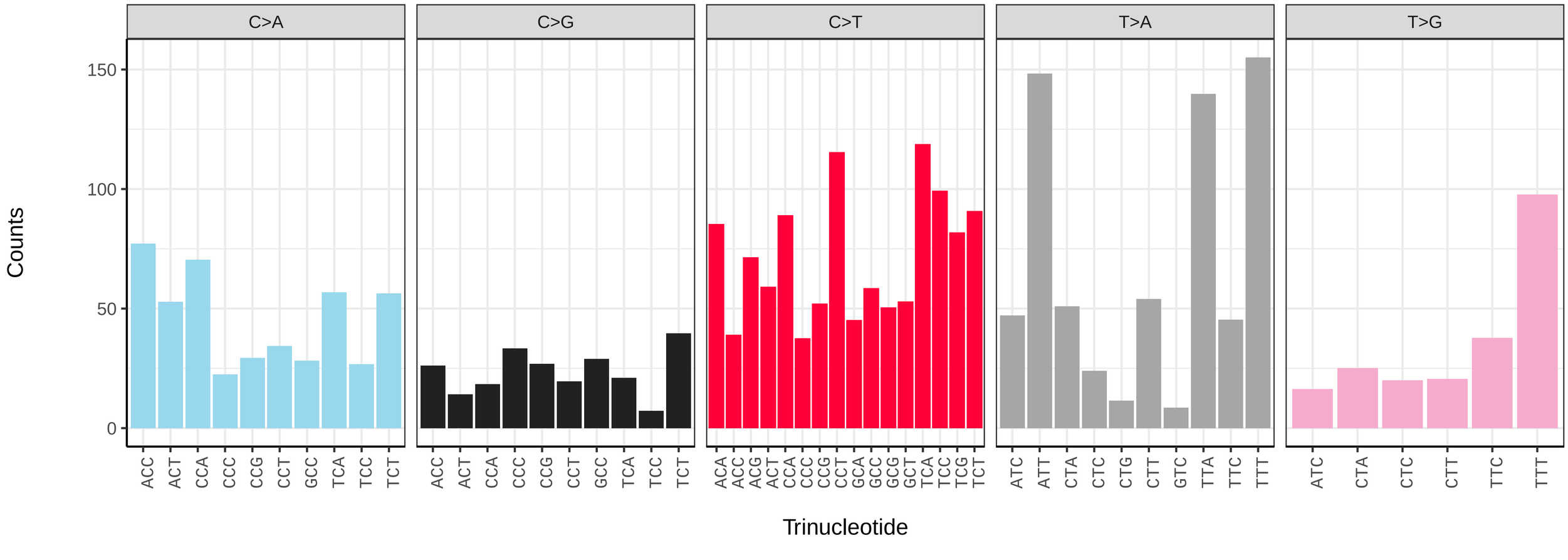
Nymphula nitidulata (ilNymNiti1) germline mutational spectrum



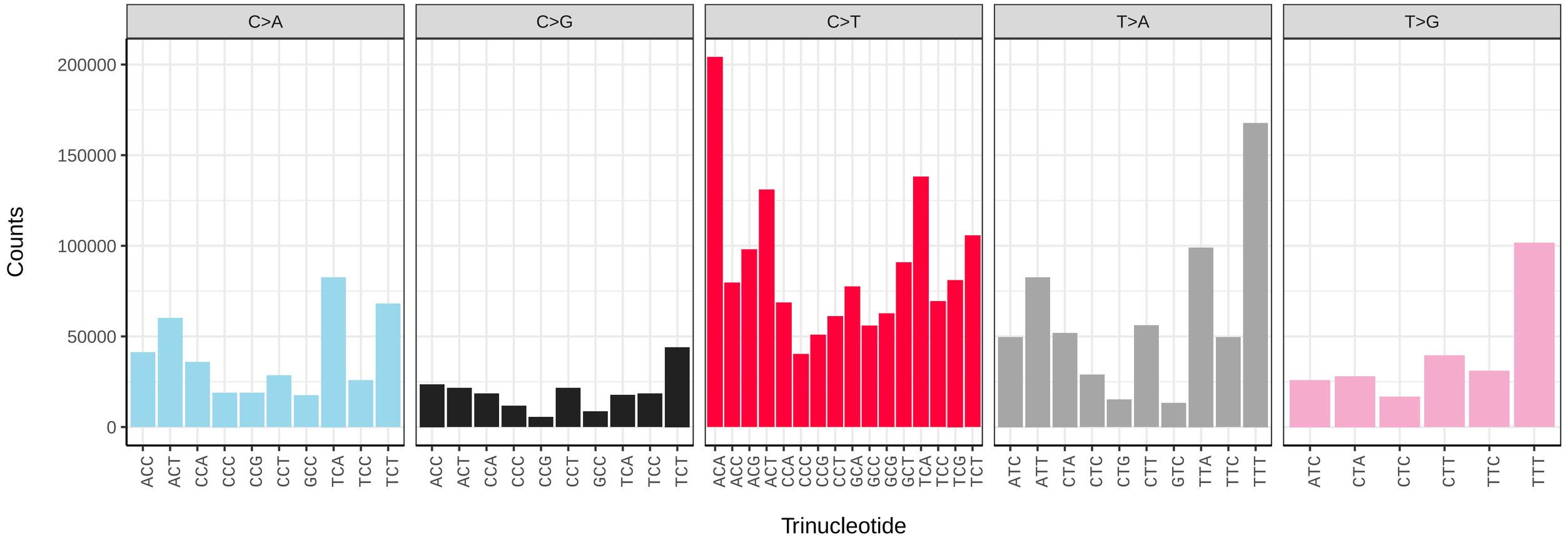
Nymphula nitidulata (ilNymNiti1) somatic mutational spectrum (SBS96 classification)



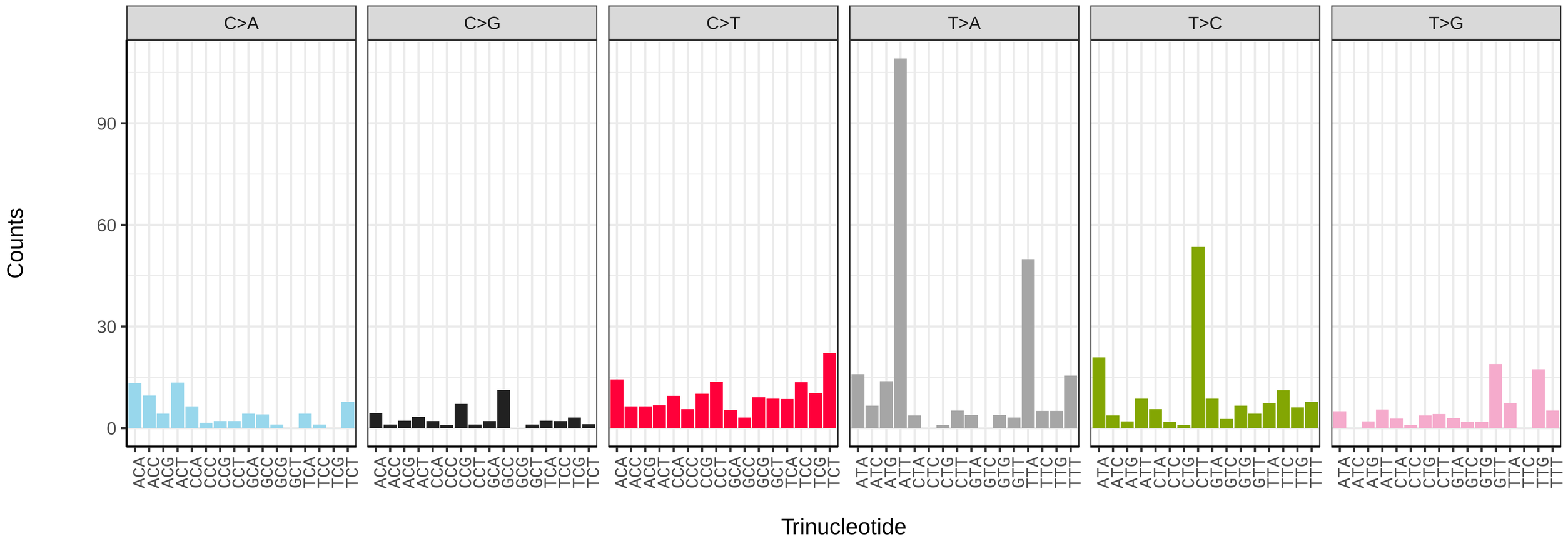
Nymphula nitidulata (ilNymNiti1) somatic mutational spectrum (SBS52 classification)



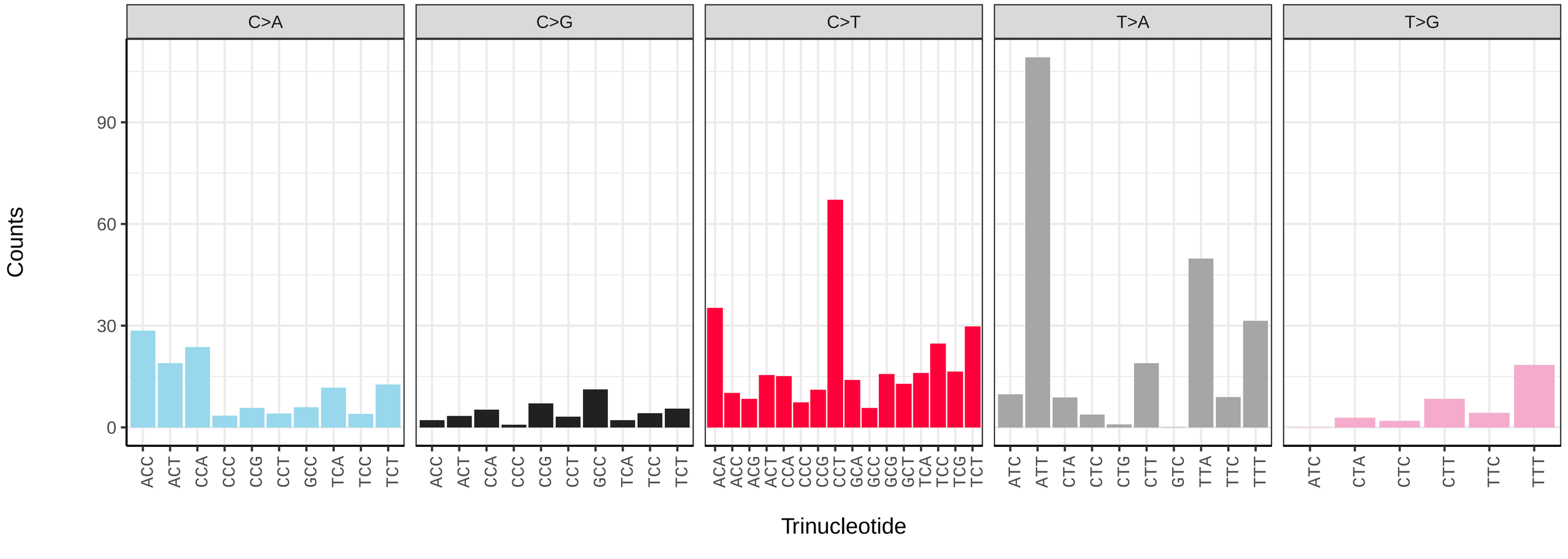
Nymphalis polychloros (ilNymPoly1) germline mutational spectrum



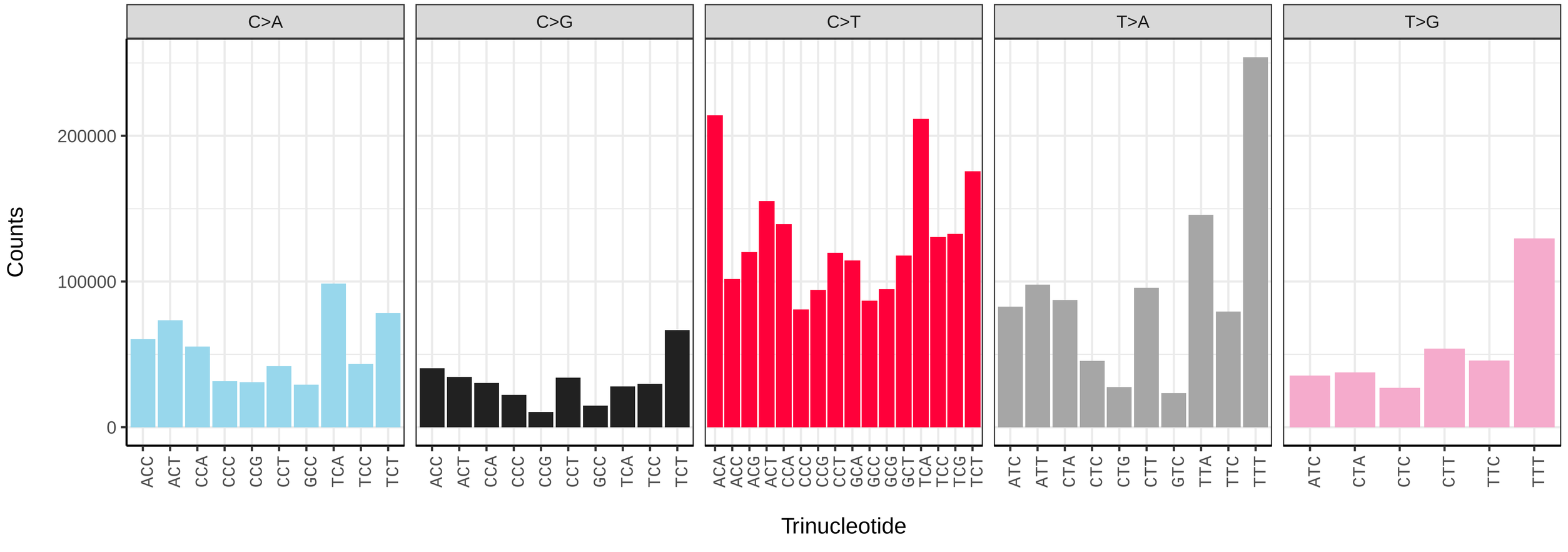
Nymphalis polychloros (ilNymPoly1) somatic mutational spectrum (SBS96 classification)



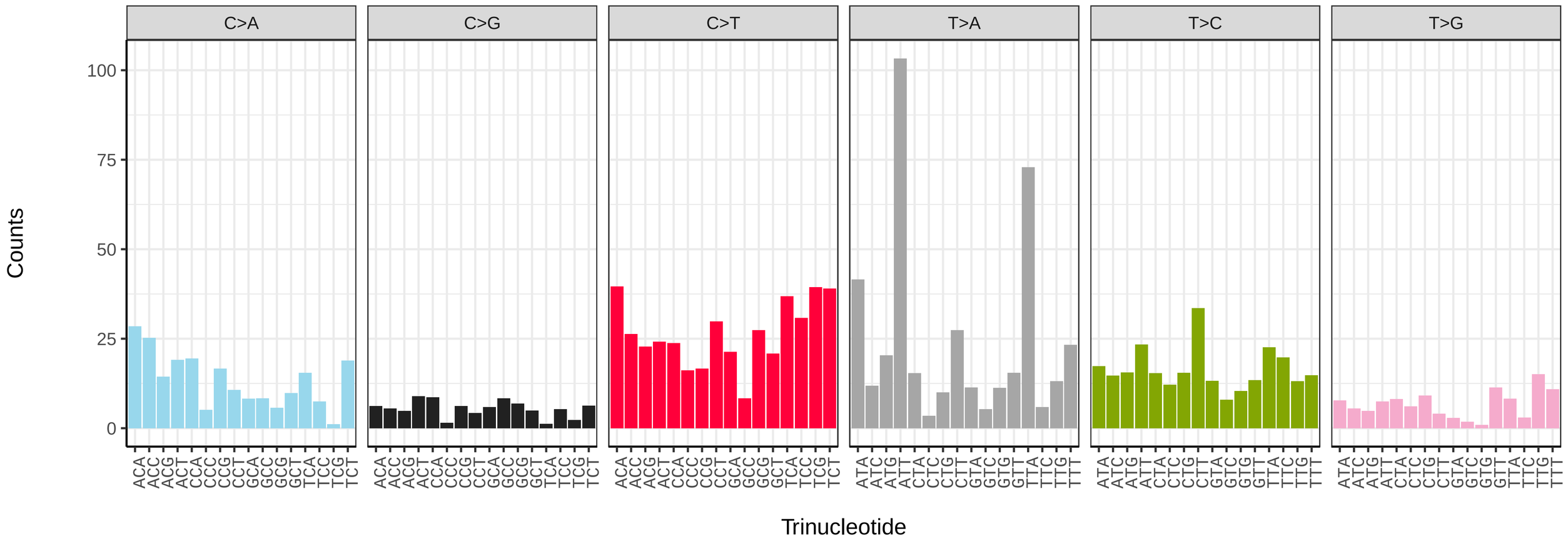
Nymphalis polychloros (ilNymPoly1) somatic mutational spectrum (SBS52 classification)



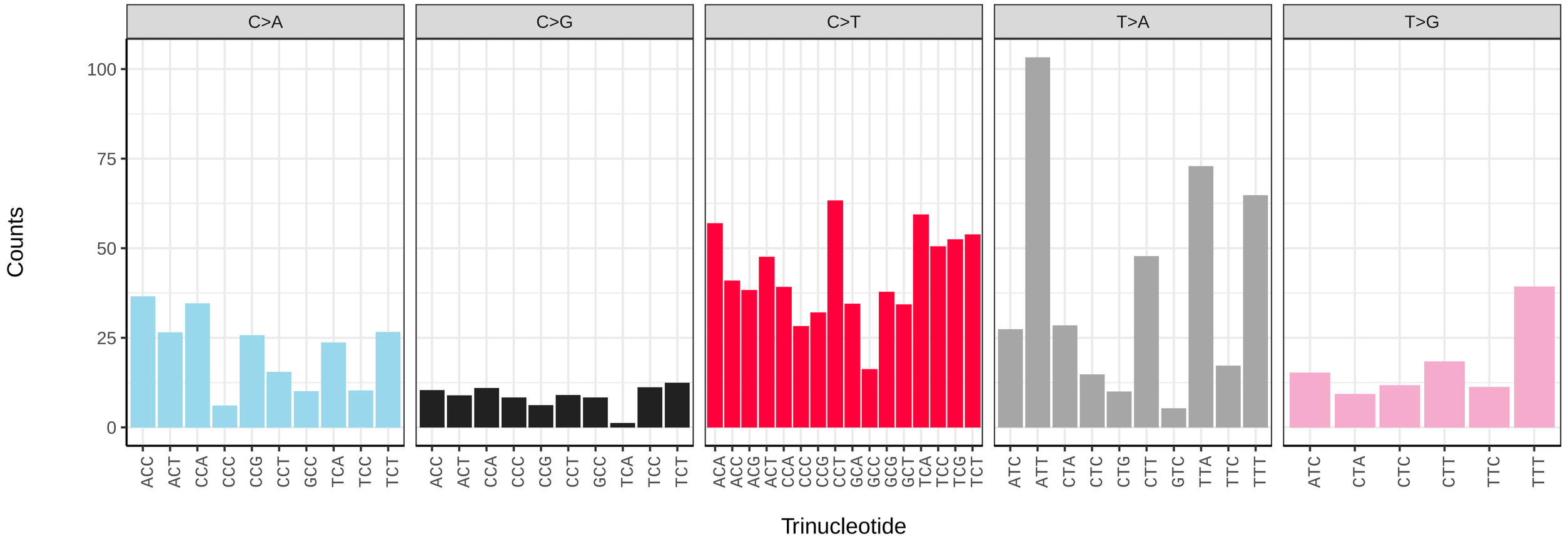
Ochropleura plecta (ilOchPlec1) germline mutational spectrum



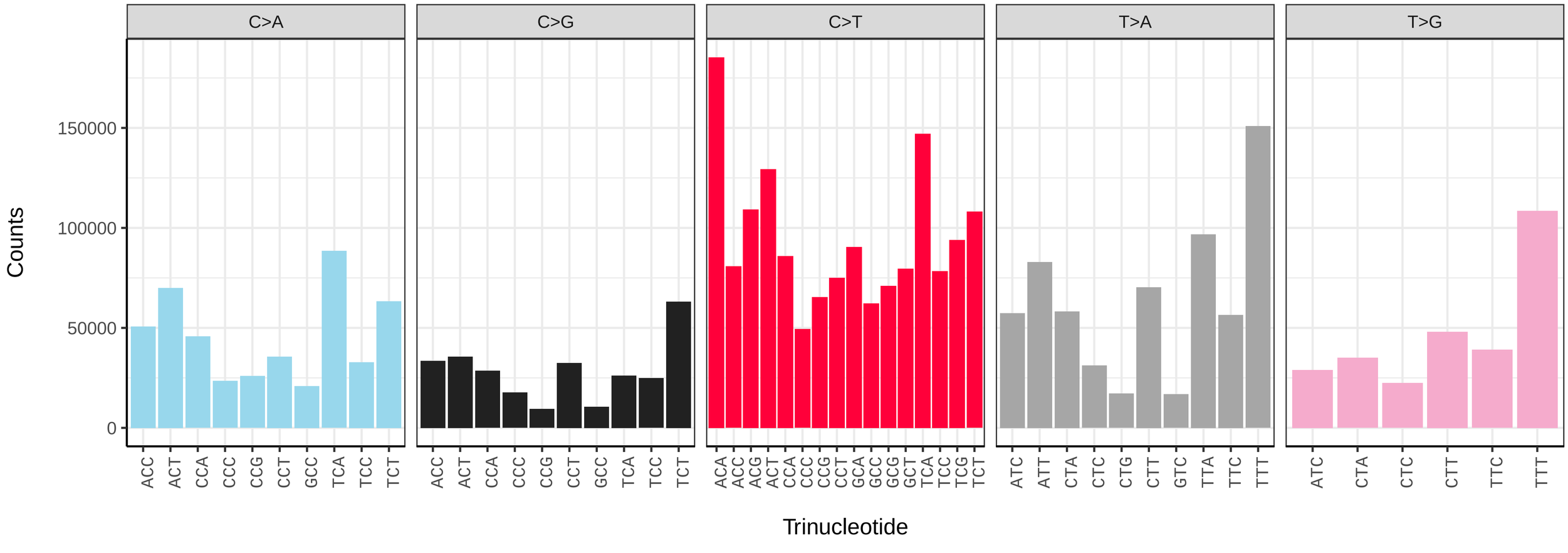
Ochropleura plecta (ilOchPlec1) somatic mutational spectrum (SBS96 classification)



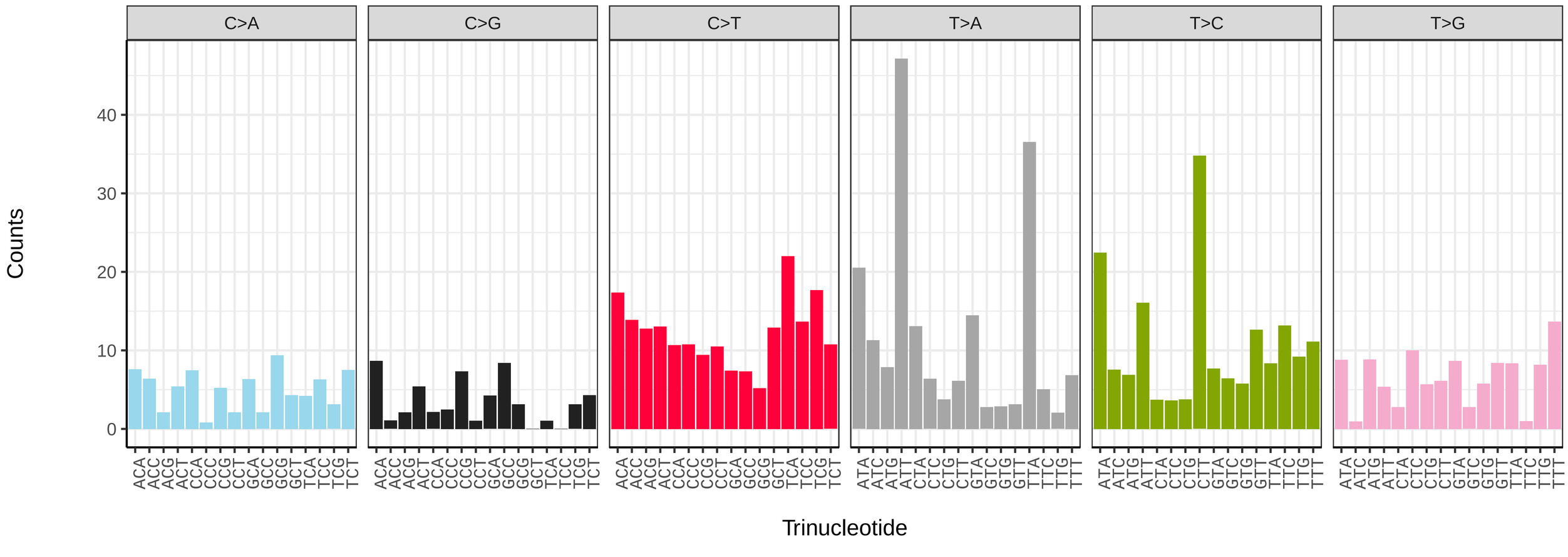
Ochropleura plecta (ilOchPlec1) somatic mutational spectrum (SBS52 classification)



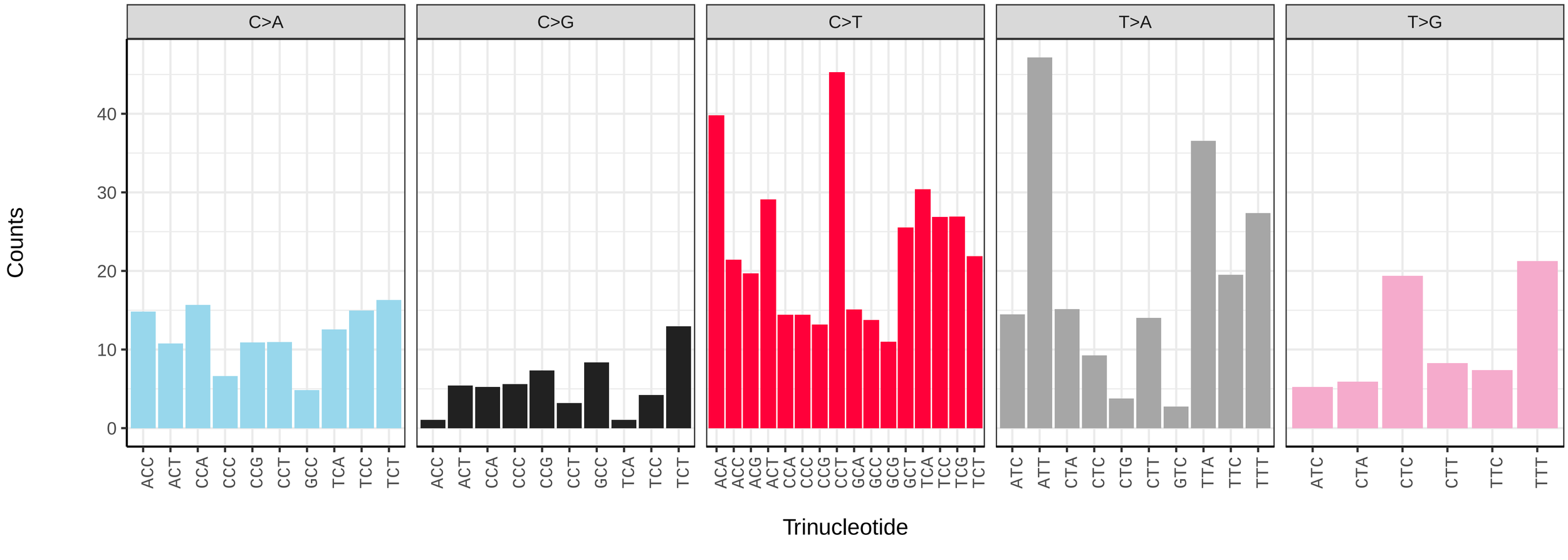
Ochlodes sylvanus (ilOchSylv3) germline mutational spectrum



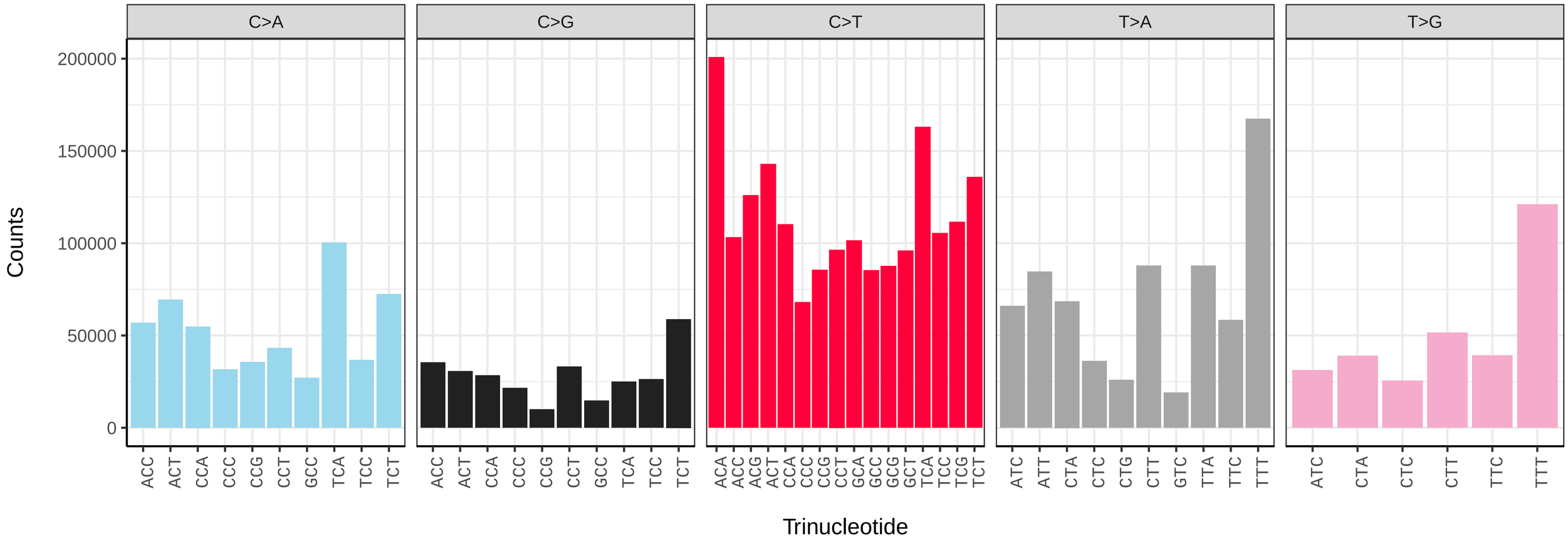
Ochlodes sylvanus (ilOchSylv3) somatic mutational spectrum (SBS96 classification)



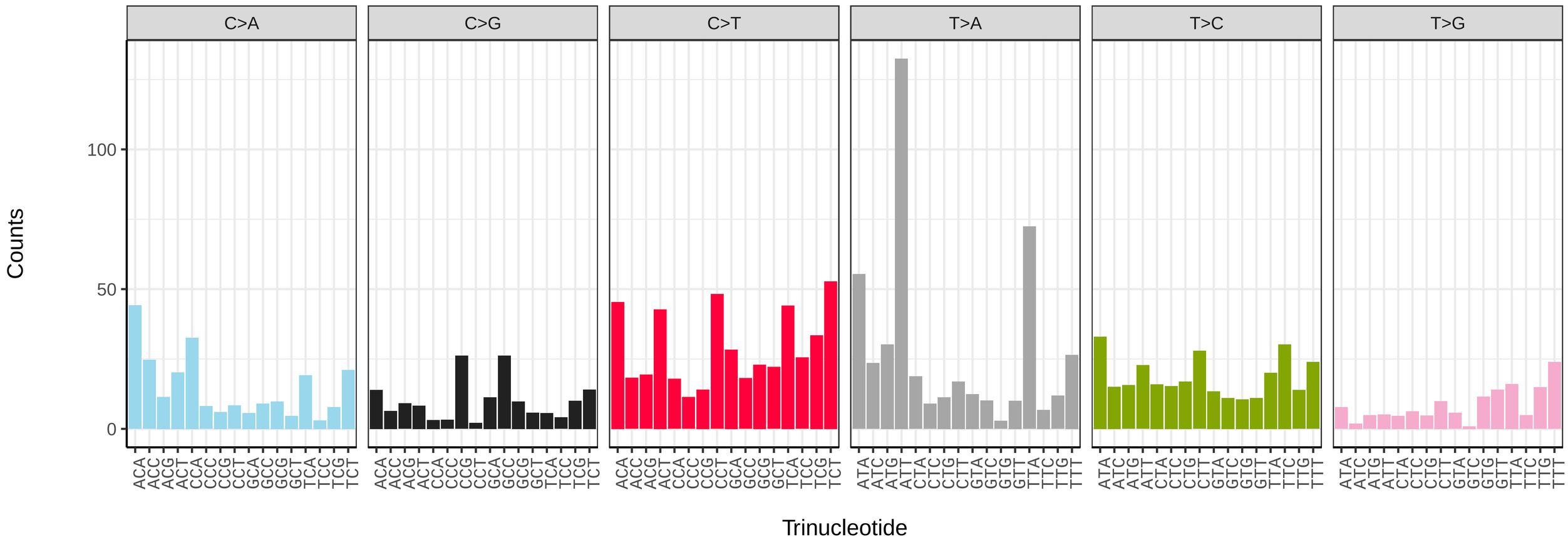
Ochlodes sylvanus (ilOchSylv3) somatic mutational spectrum (SBS52 classification)



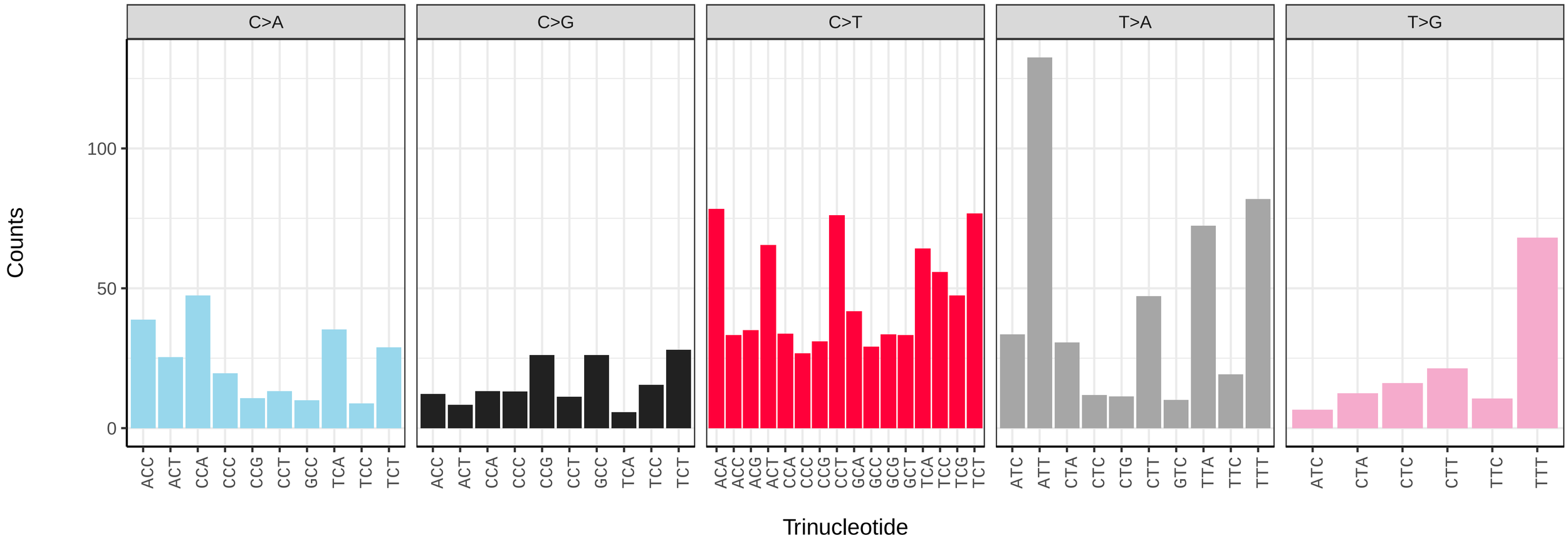
Oligia latruncula (ilOliLatr1) germline mutational spectrum

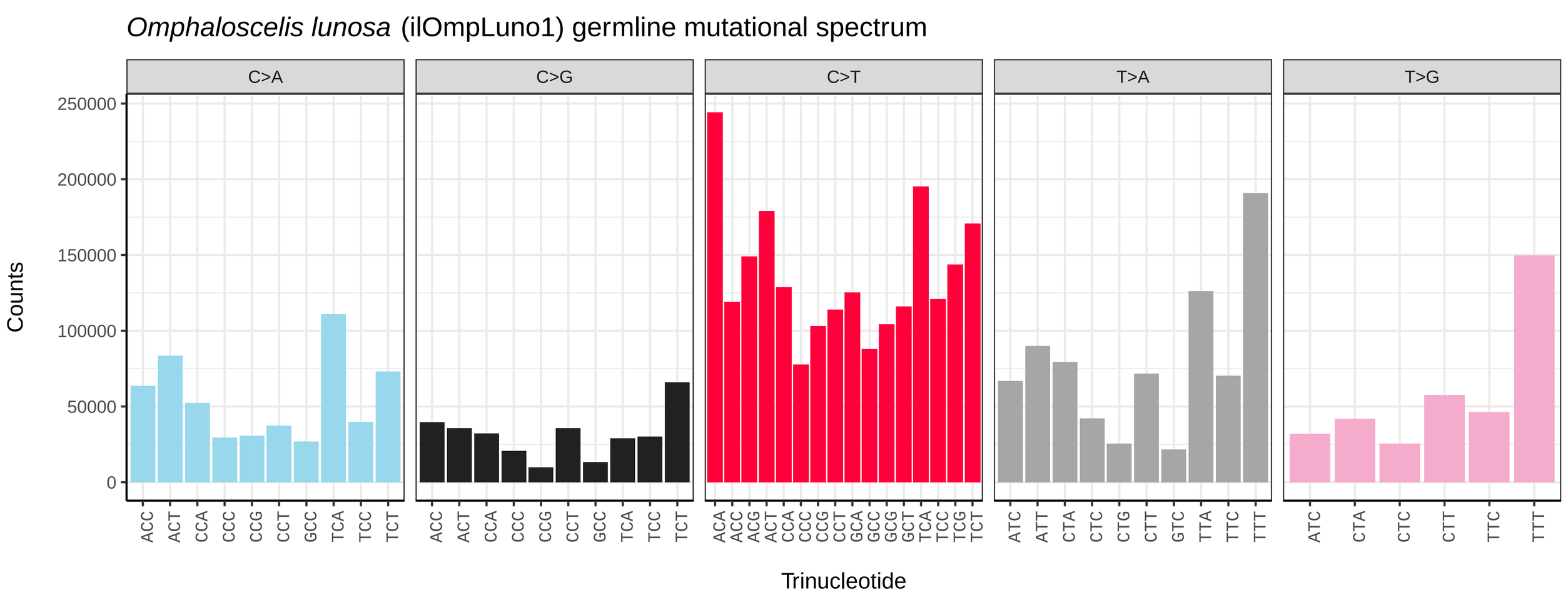


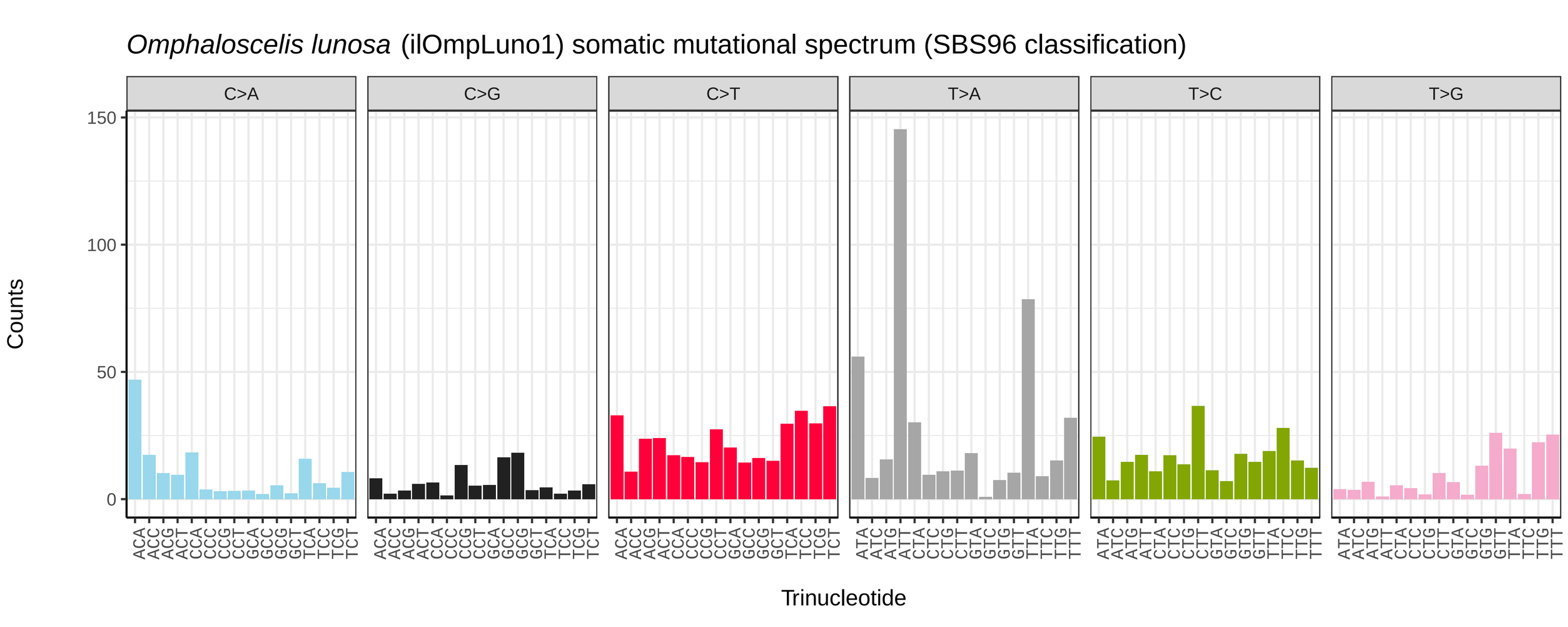
Oligia latruncula (ilOliLatr1) somatic mutational spectrum (SBS96 classification)

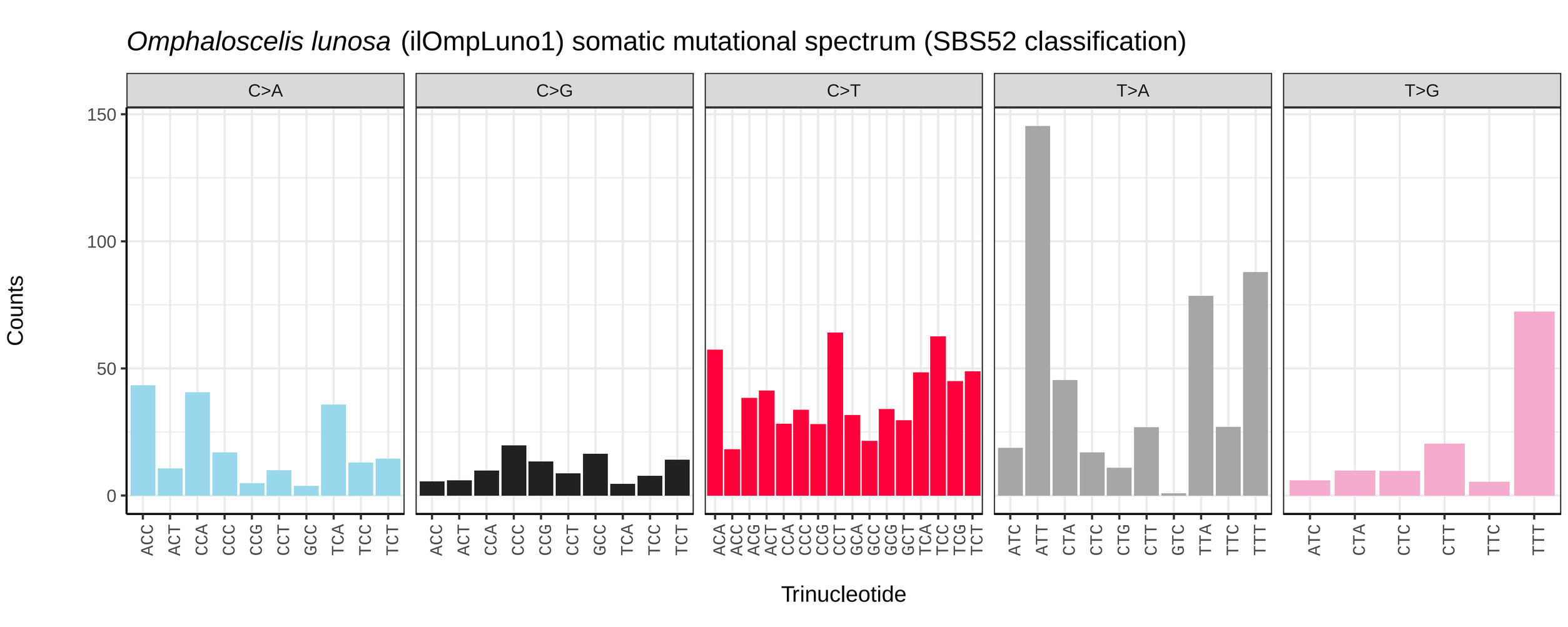


Oligia latruncula (ilOliLatr1) somatic mutational spectrum (SBS52 classification)

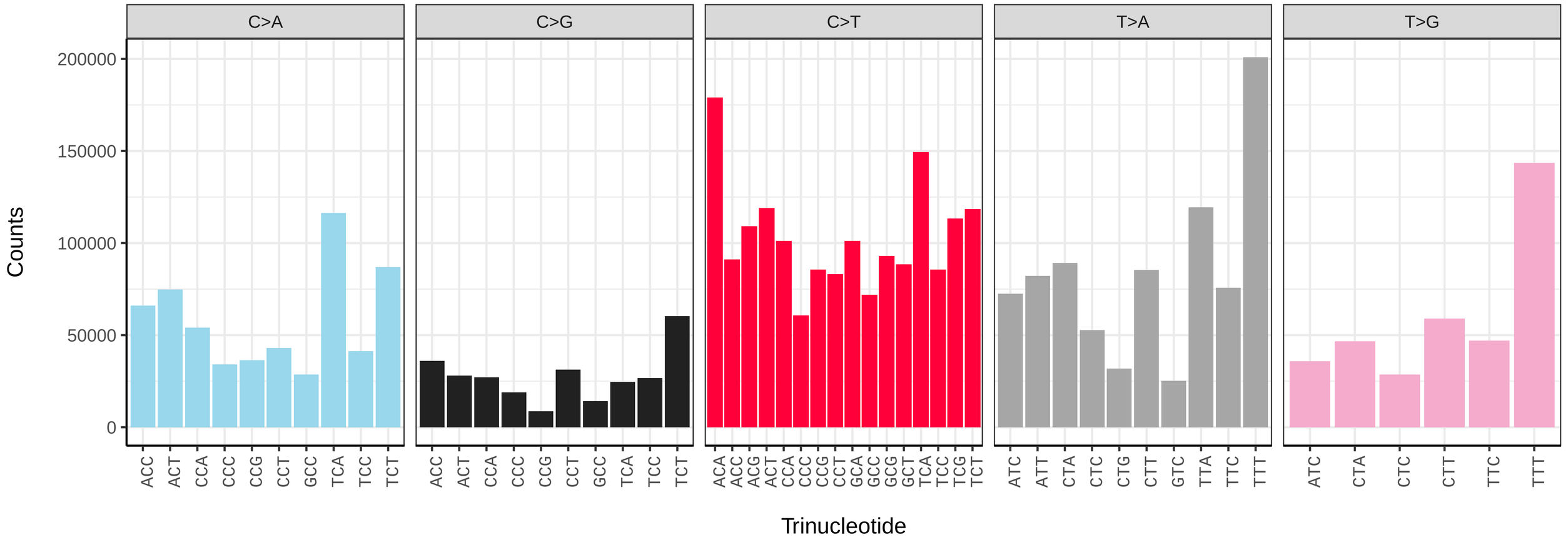



Omphaloscelis lunosa (ilOmpLuno1) germline mutational spectrum
C>A
C>G
C>T
T>A
T>G
Counts
250000
200000
150000
100000
50000
0
ACC ACT CCA CCC CCG CCT GCC TCA TCC TCT
ACC ACT CCA CCC CCG CCT GCC TCA TCC TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATC ATT CTA CTC CTG CTT GTC TTA TTC TTT
ATC CTA CTC CTT TTC TTT
Trinucleotide

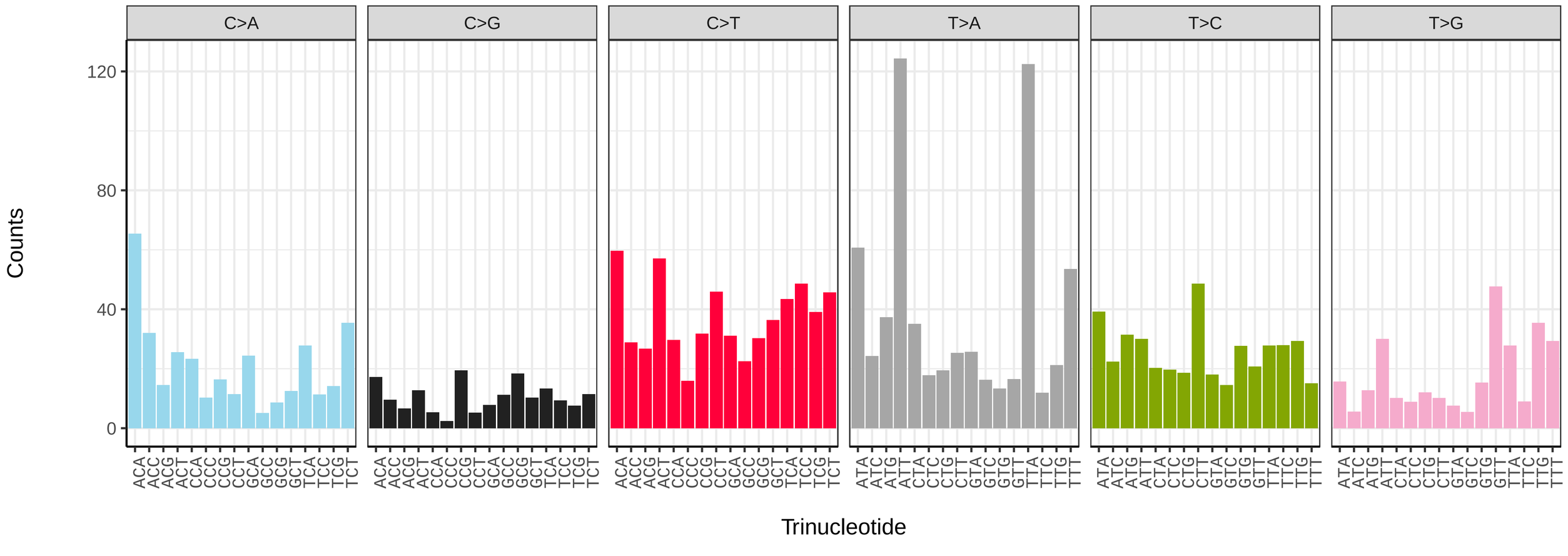

Omphaloscelis lunosa (ilOmpLuno1) somatic mutational spectrum (SBS96 classification)
C>A
C>G
C>T
T>A
T>C
T>G
Counts
150
100
50
0
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
Trinucleotide


Omphaloscelis lunosa (ilOmpLuno1) somatic mutational spectrum (SBS52 classification)
C>A
C>G
C>T
T>A
T>G
Counts
150
100
50
0
ACC ACT CCA CCC CCG CCT GCC TCA TCC TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATC ATT CTA CTC CTG CTT GTC TTA TTC TTT
ATC CTA CTC CTT TTC TTT
Trinucleotide

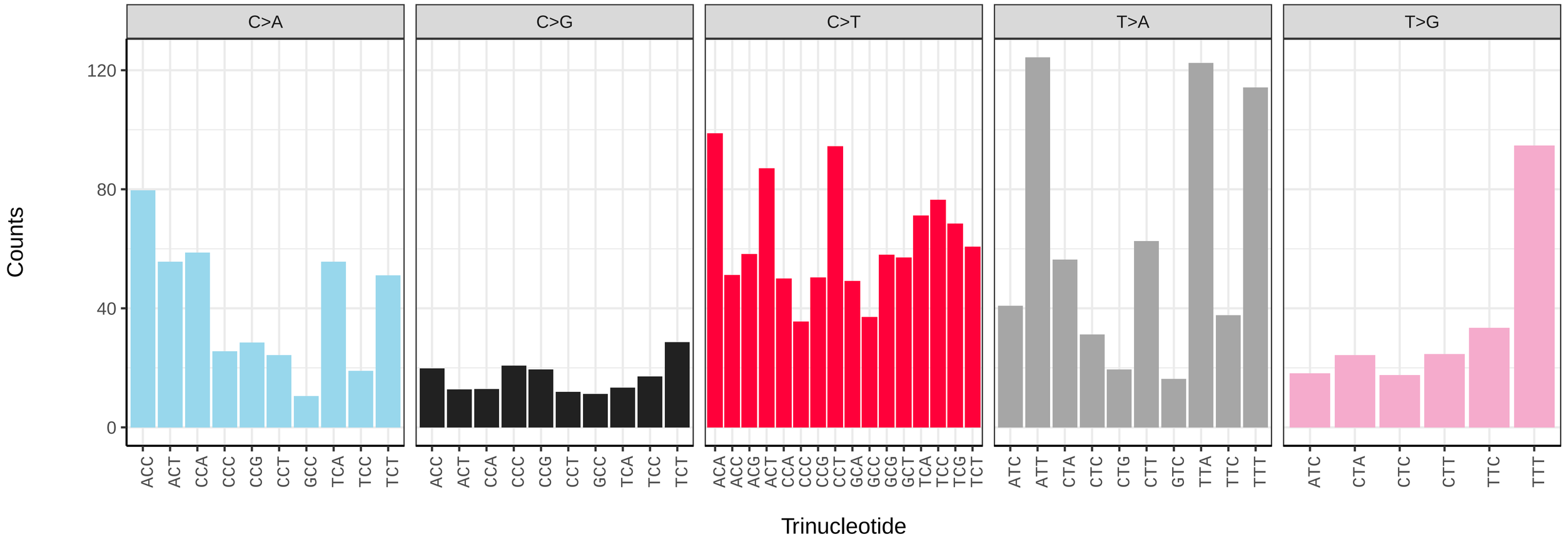
Operophtera brumata (ilOpeBrum1) germline mutational spectrum

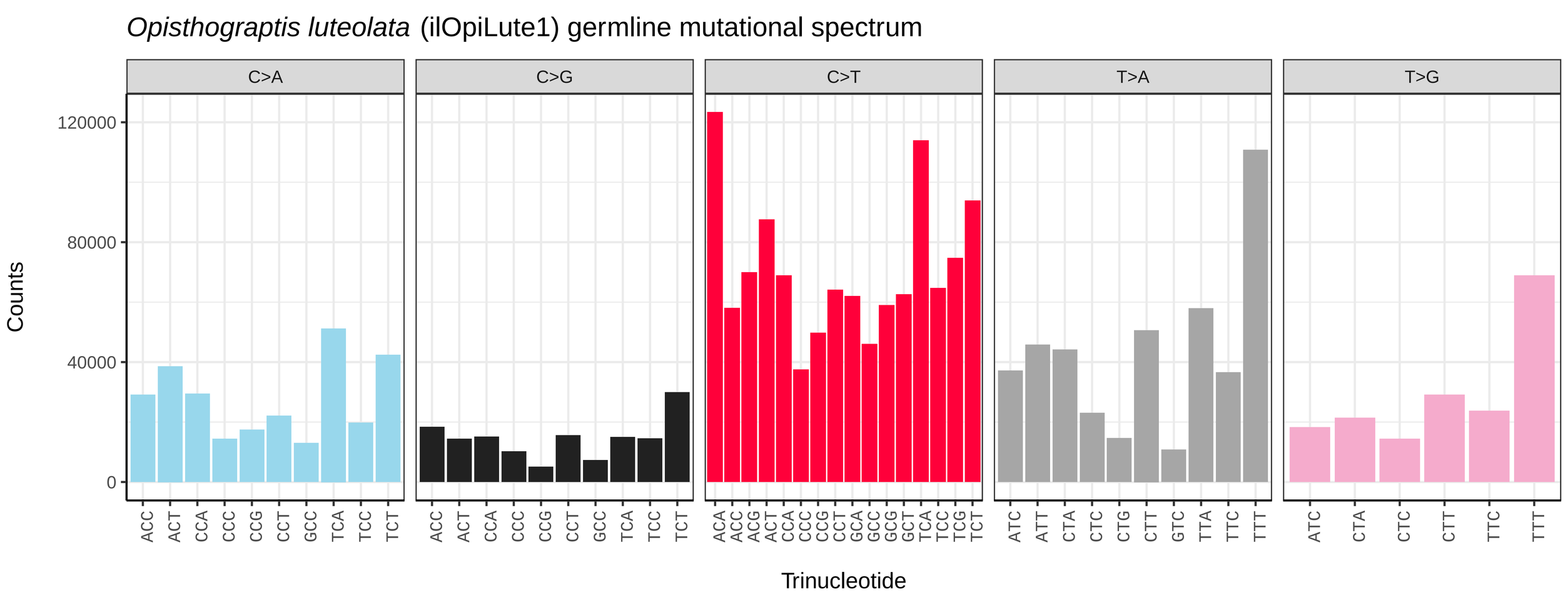


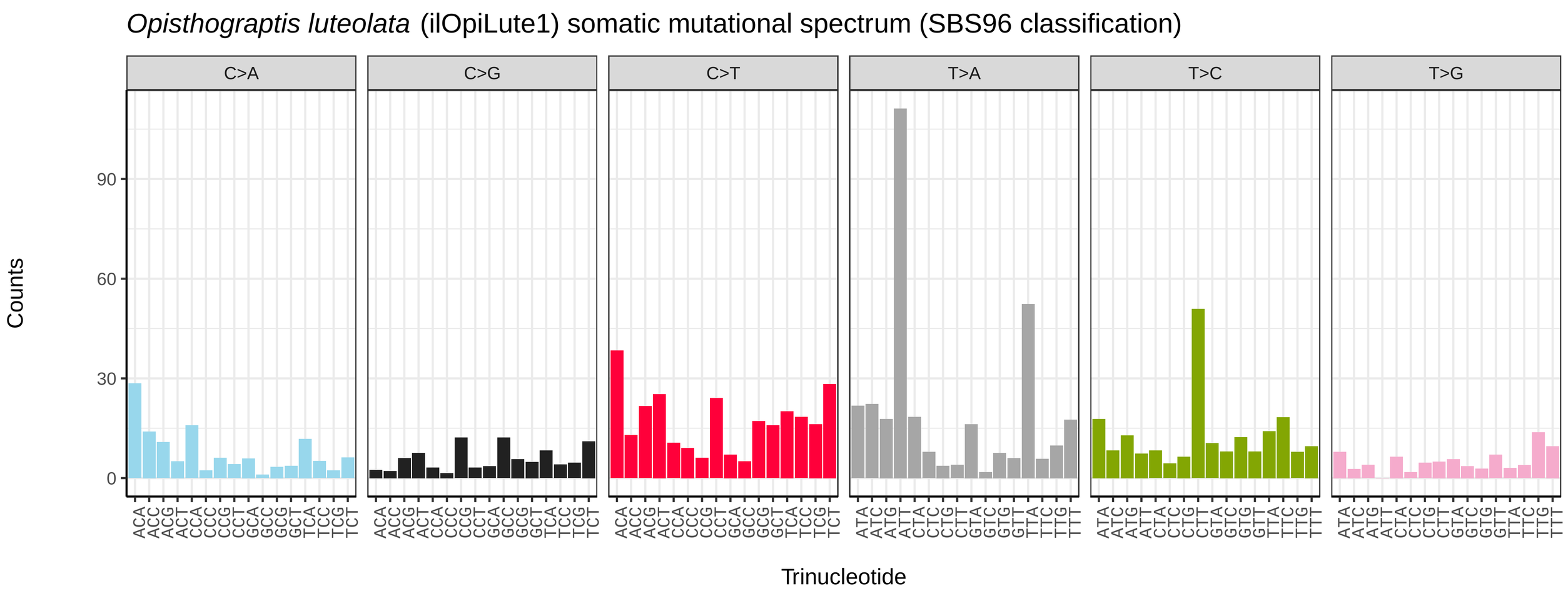
Operophtera brumata (ilOpeBrum1) somatic mutational spectrum (SBS96 classification)

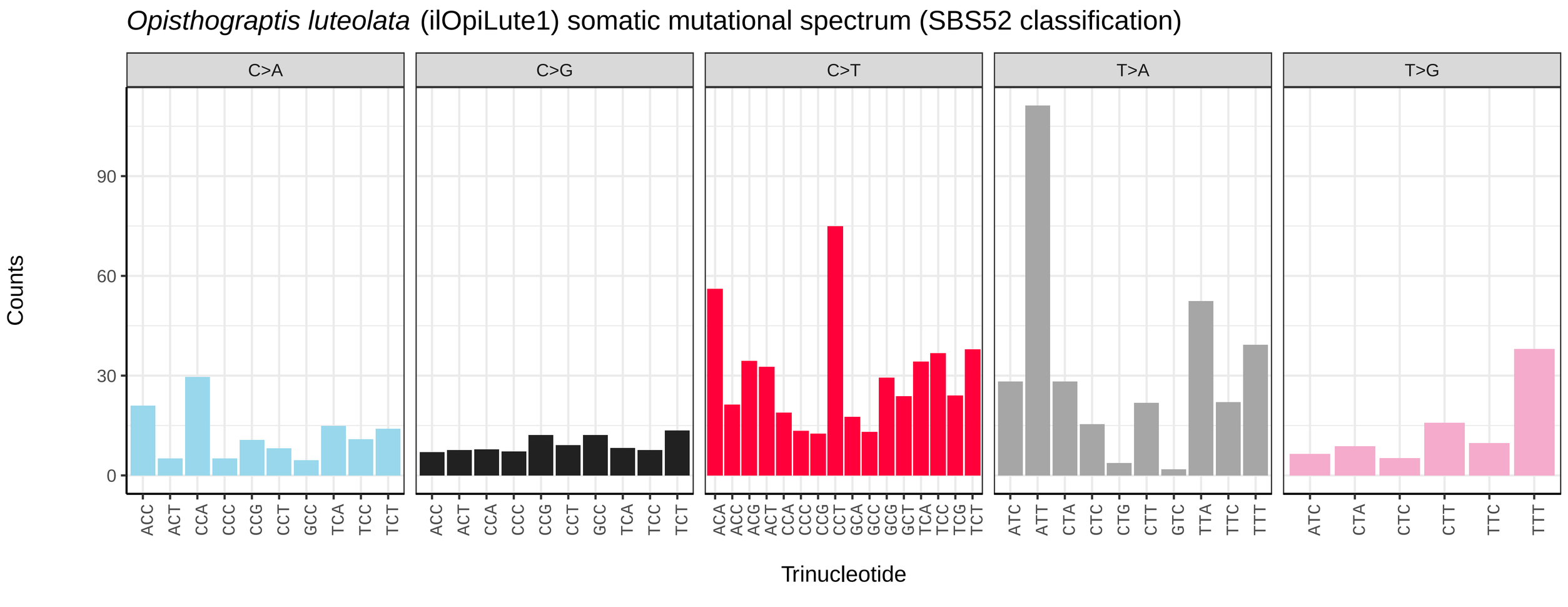


Operophtera brumata (ilOpeBrum1) somatic mutational spectrum (SBS52 classification)

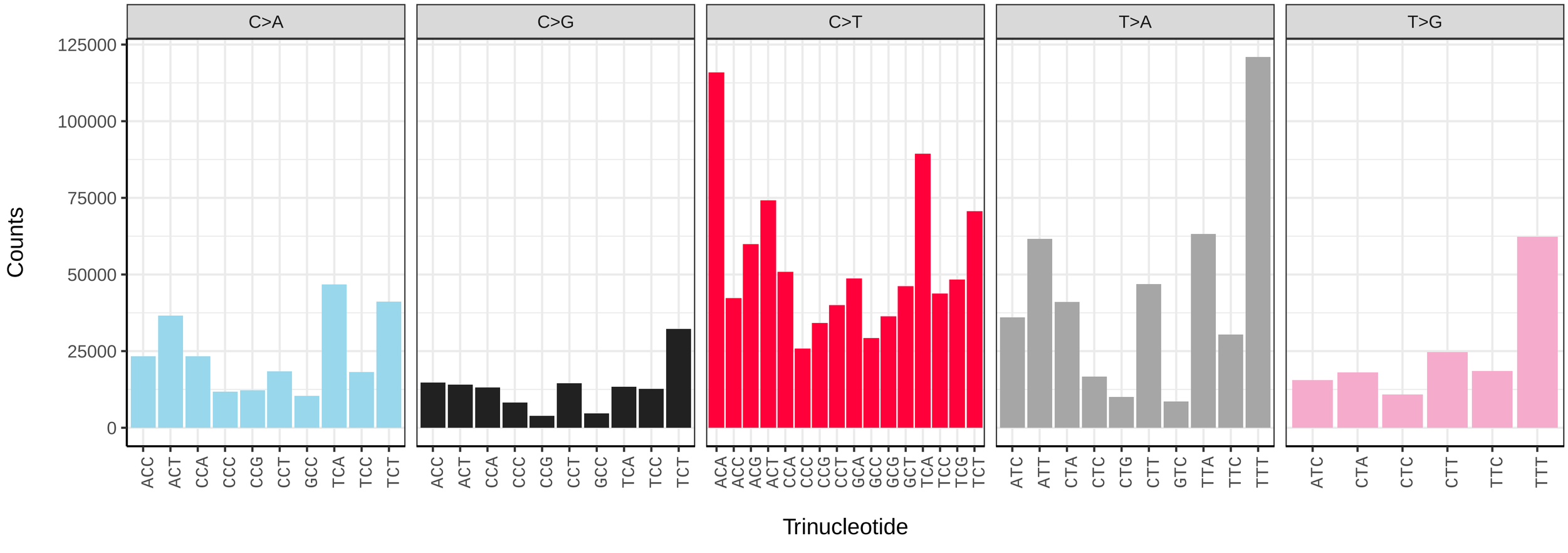



Opisthograptis luteolata (ilOpiLute1) germline mutational spectrum
C>A
C>G
C>T
T>A
T>G
Counts
120000
80000
40000
0
ACC ACT CCA CCC CCG CCT GCC TCA TCC TCT
ACC ACT CCA CCC CCG CCT GCC TCA TCC TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATC ATT CTA CTC CTG CTT GTC TTA TTC TTT
ATC CTA CTC CTT TTC TTT
Trinucleotide

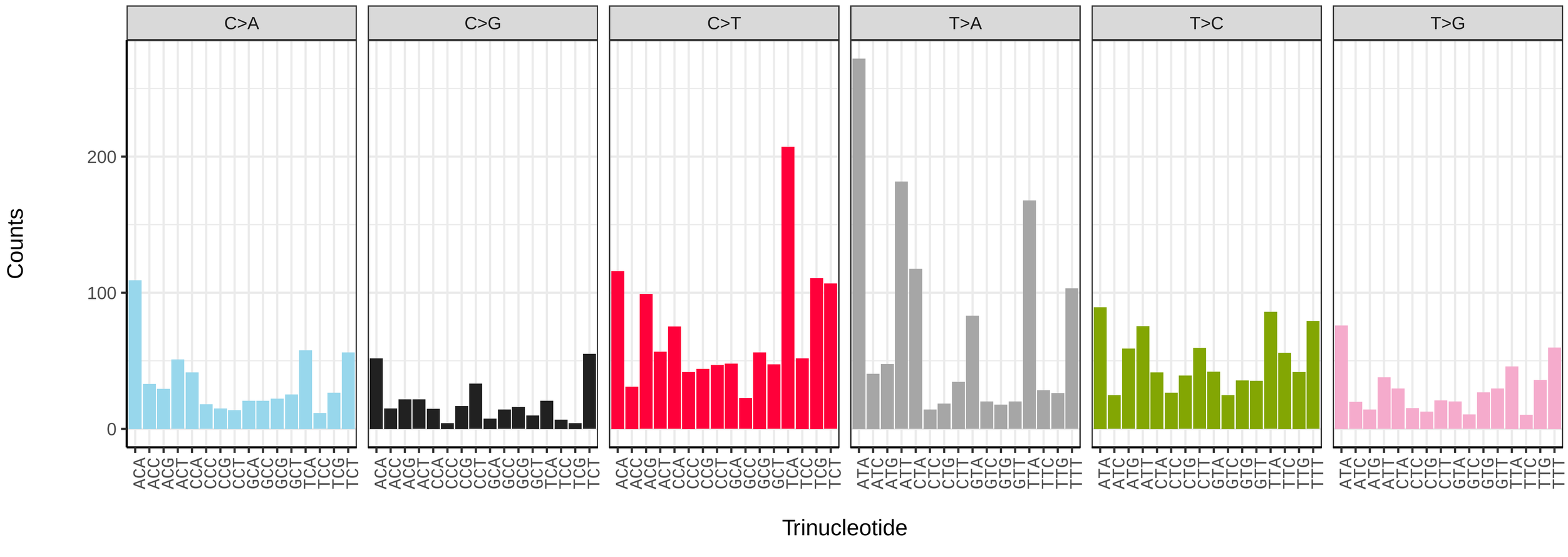

Opisthograptis luteolata (ilOpiLute1) somatic mutational spectrum (SBS96 classification)
C>A
C>G
C>T
T>A
T>C
T>G
Counts
90
60
30
0
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
Trinucleotide


Opisthograptis luteolata (ilOpiLute1) somatic mutational spectrum (SBS52 classification)
C>A
C>G
C>T
T>A
T>G
Counts
90
60
30
0
ACC ACT CCA CCC CCG CCT GCC TCA TCC TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATC ATT CTA CTC CTG CTT GTC TTA TTC TTT
ATC CTA CTC CTT TTC TTT
Trinucleotide

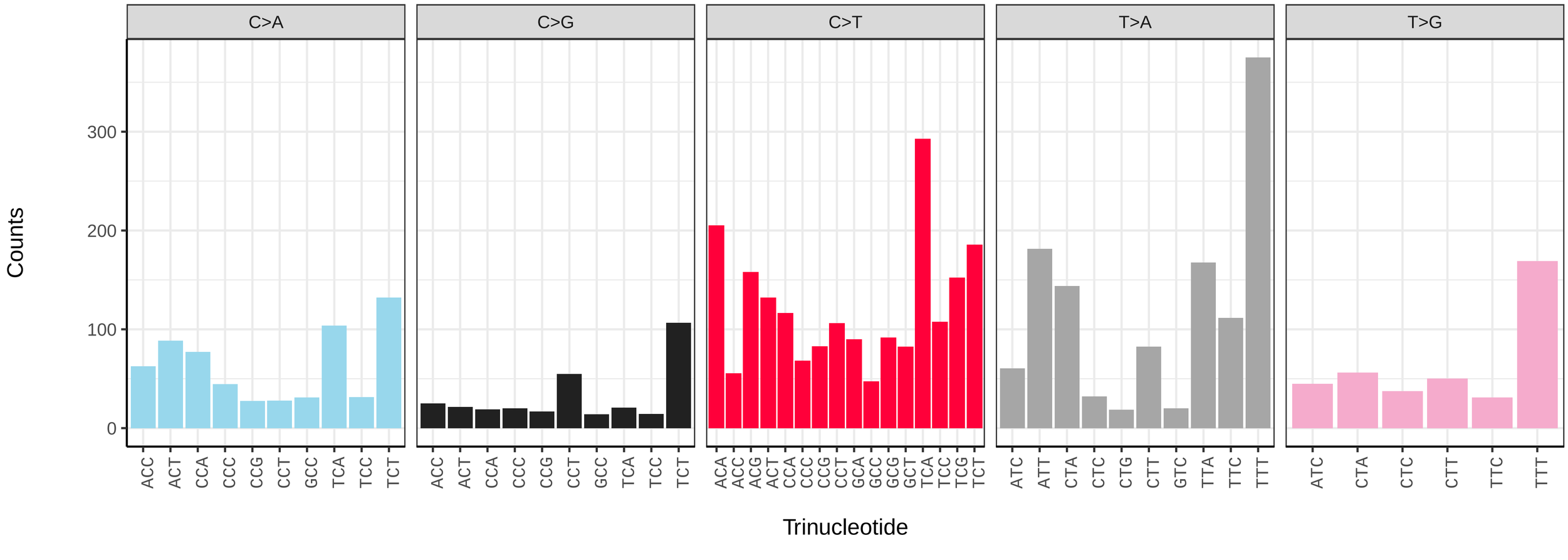
Orgyia antiqua (ilOrgAnti1) germline mutational spectrum



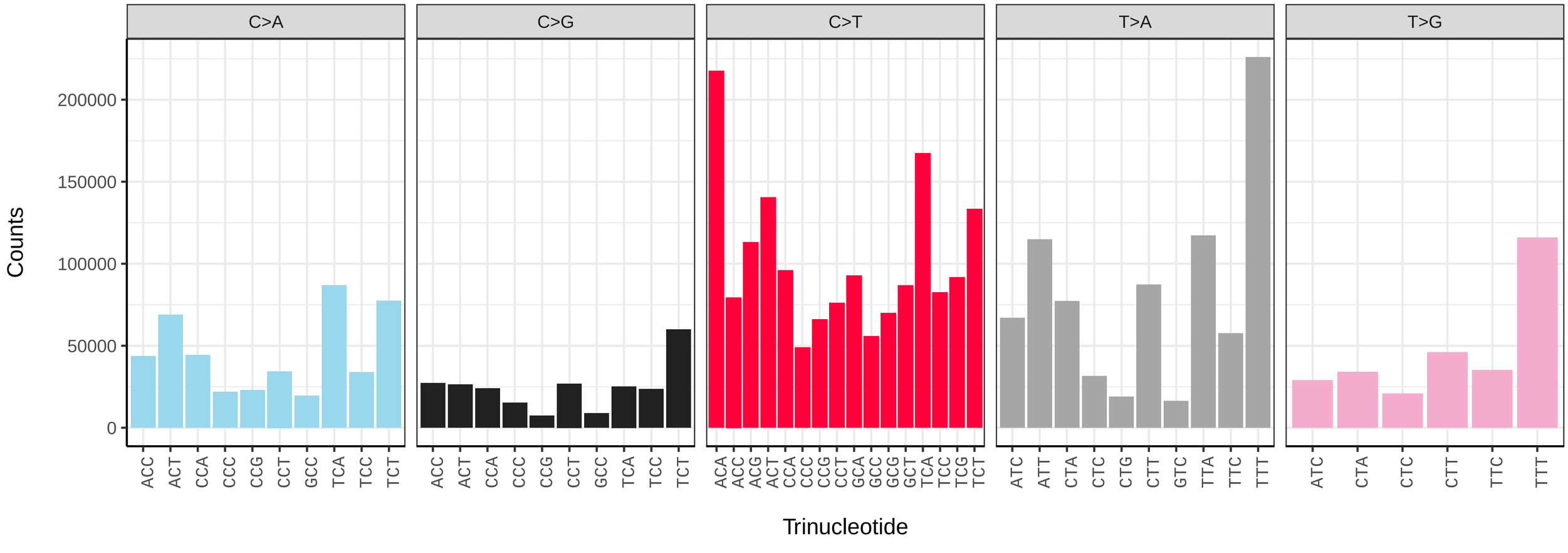
Orgyia antiqua (ilOrgAnti1) somatic mutational spectrum (SBS96 classification)



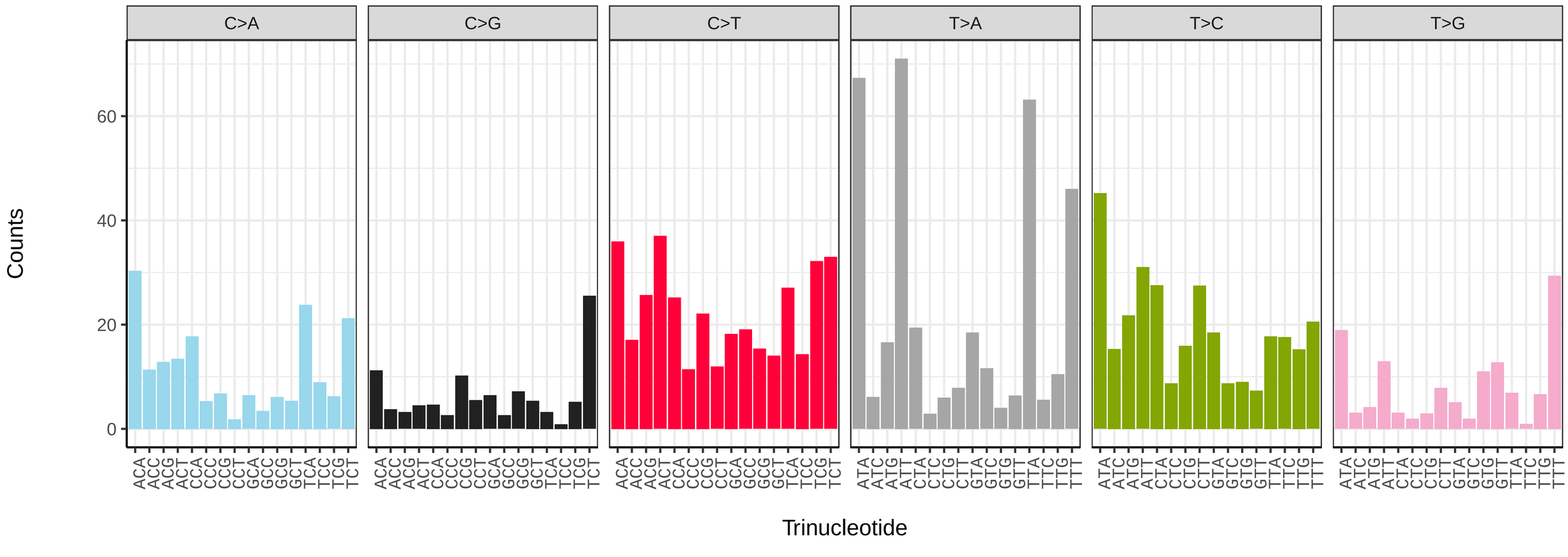
Orgyia antiqua (ilOrgAnti1) somatic mutational spectrum (SBS52 classification)



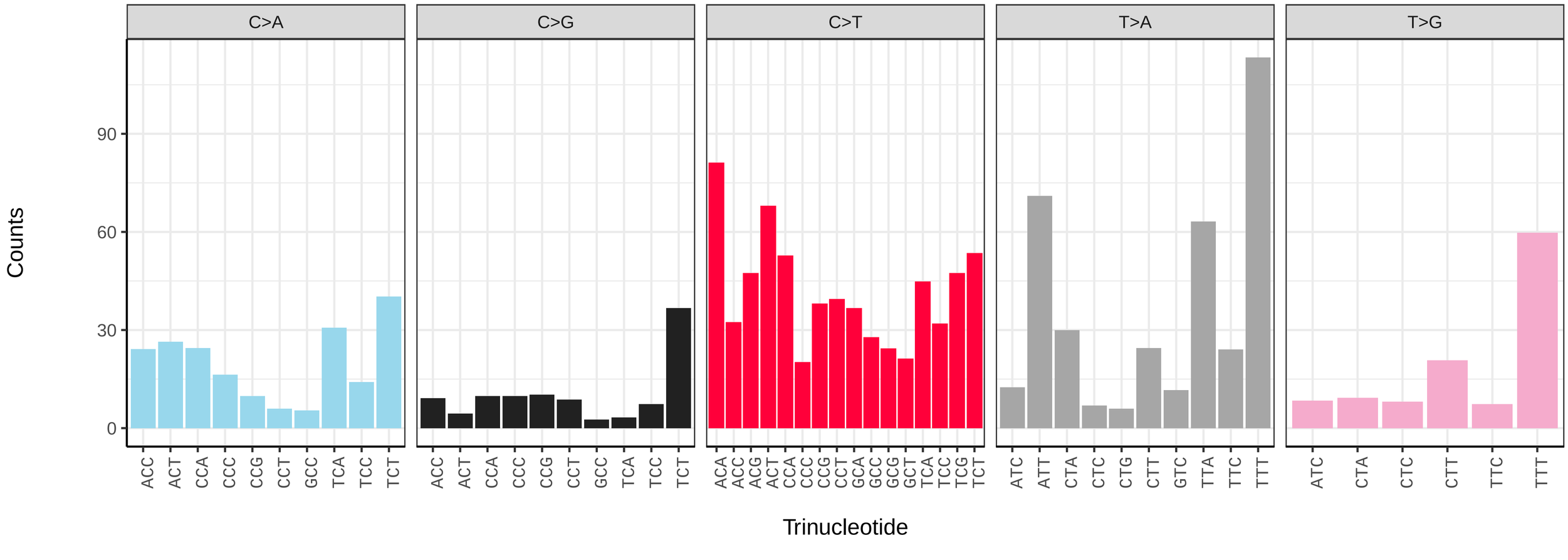
Orgyia antiqua (ilOrgAnti1.ilOrgAnti2) germline mutational spectrum



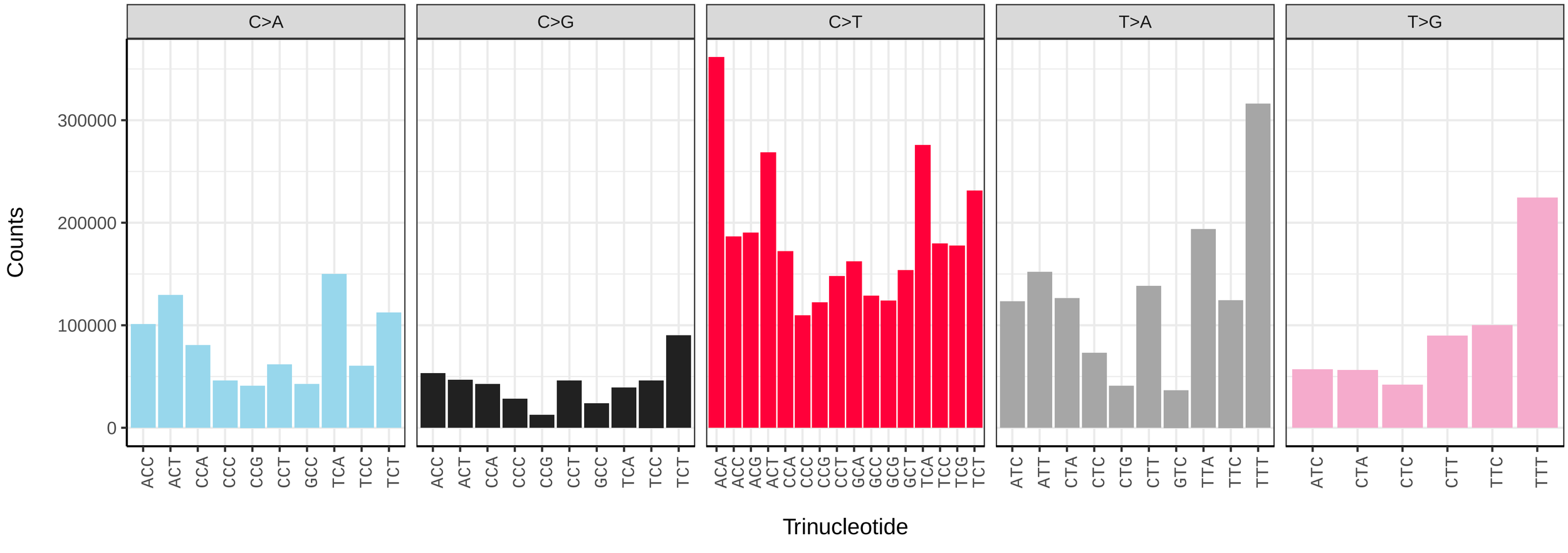
Orgyia antiqua (ilOrgAnti1.ilOrgAnti2) somatic mutational spectrum (SBS96 classification)



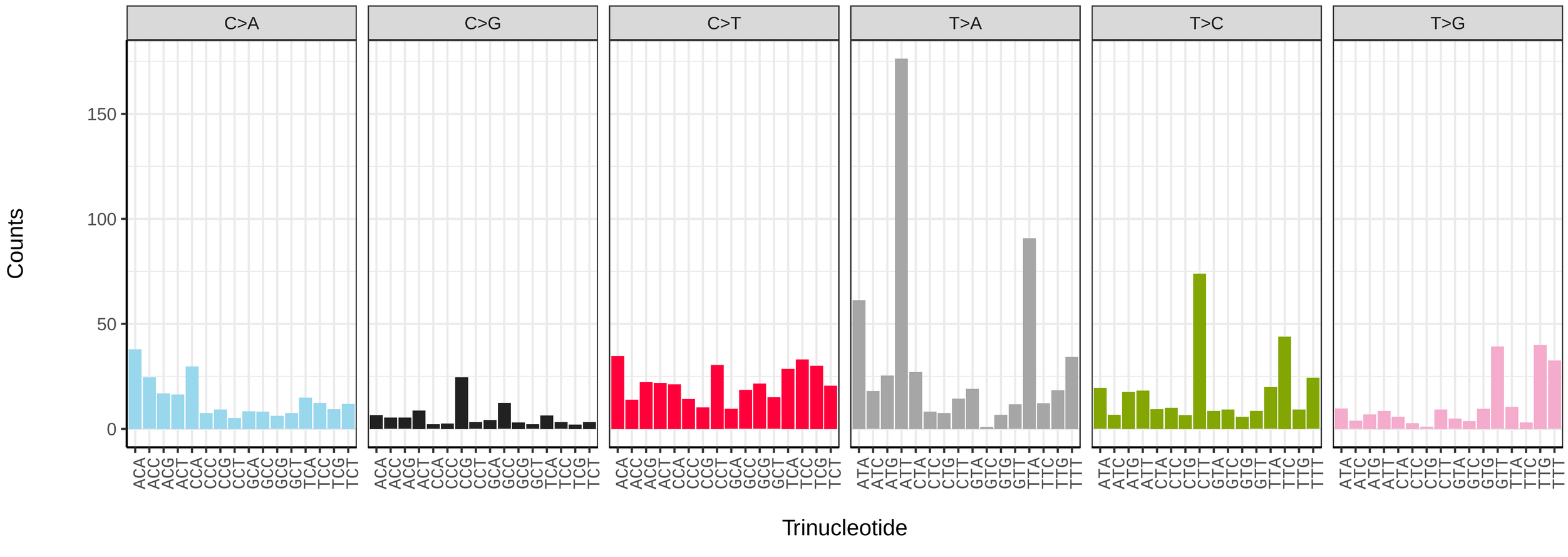
Orgyia antiqua (ilOrgAnti1.ilOrgAnti2) somatic mutational spectrum (SBS52 classification)



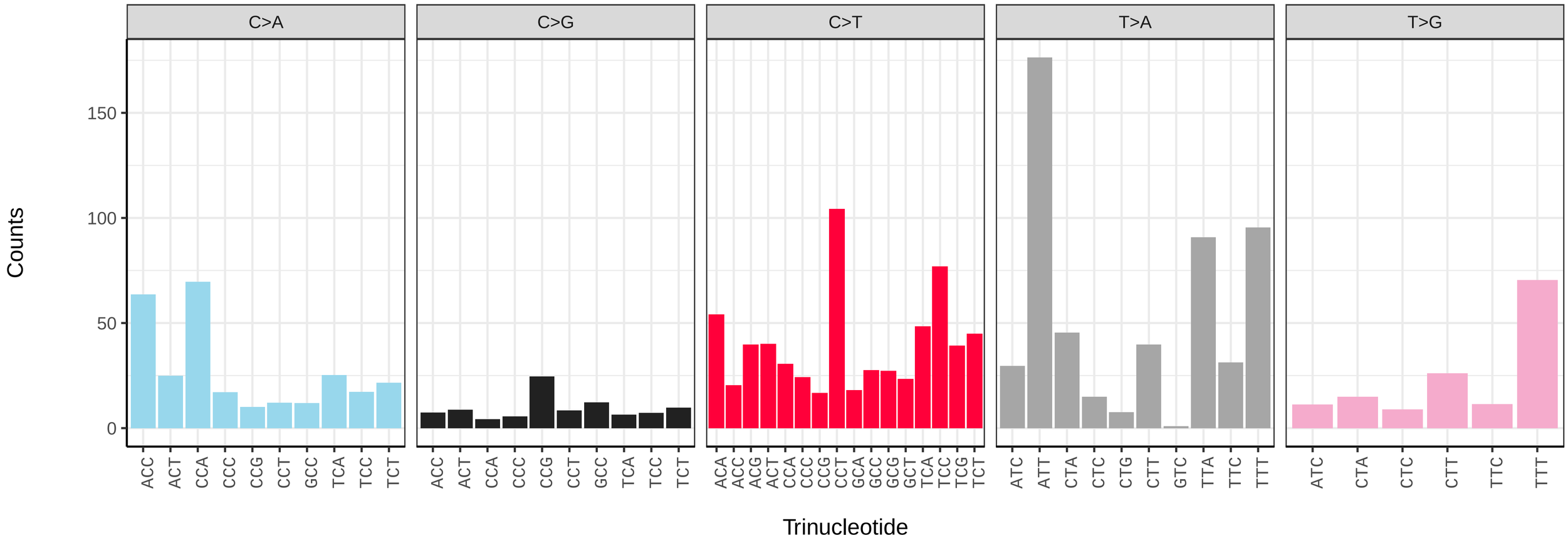
Orthosia gracilis (ilOrtGrac1) germline mutational spectrum



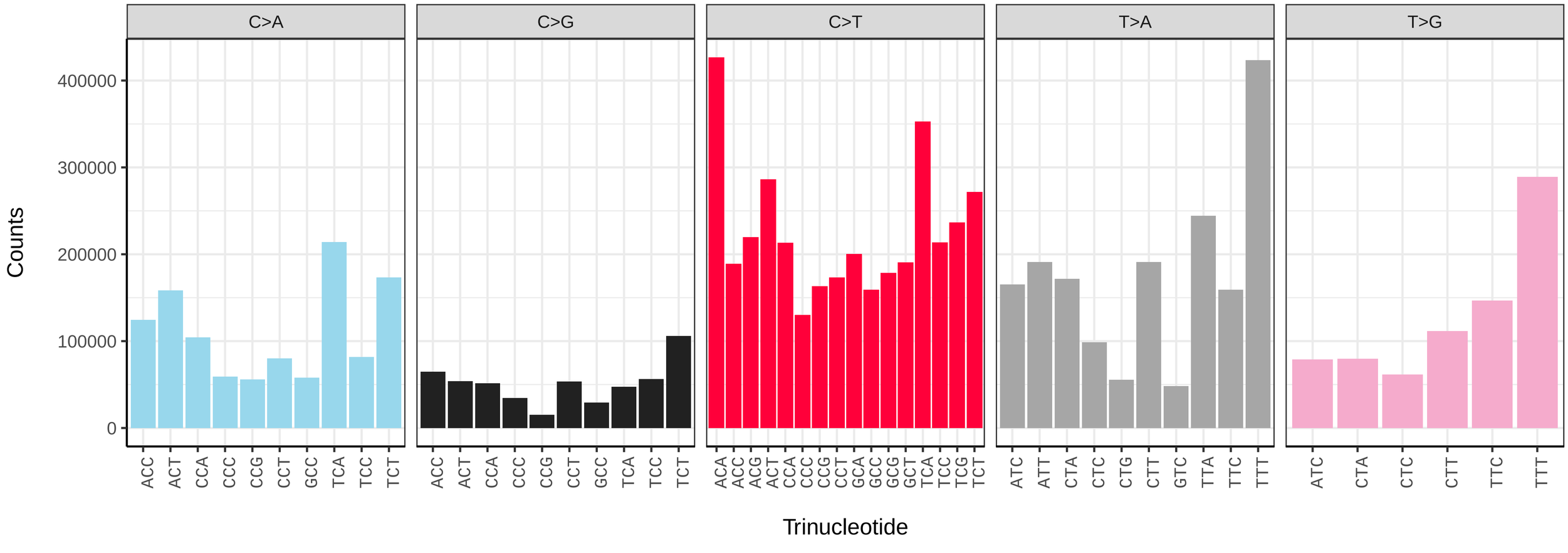
Orthosia gracilis (ilOrtGrac1) somatic mutational spectrum (SBS96 classification)



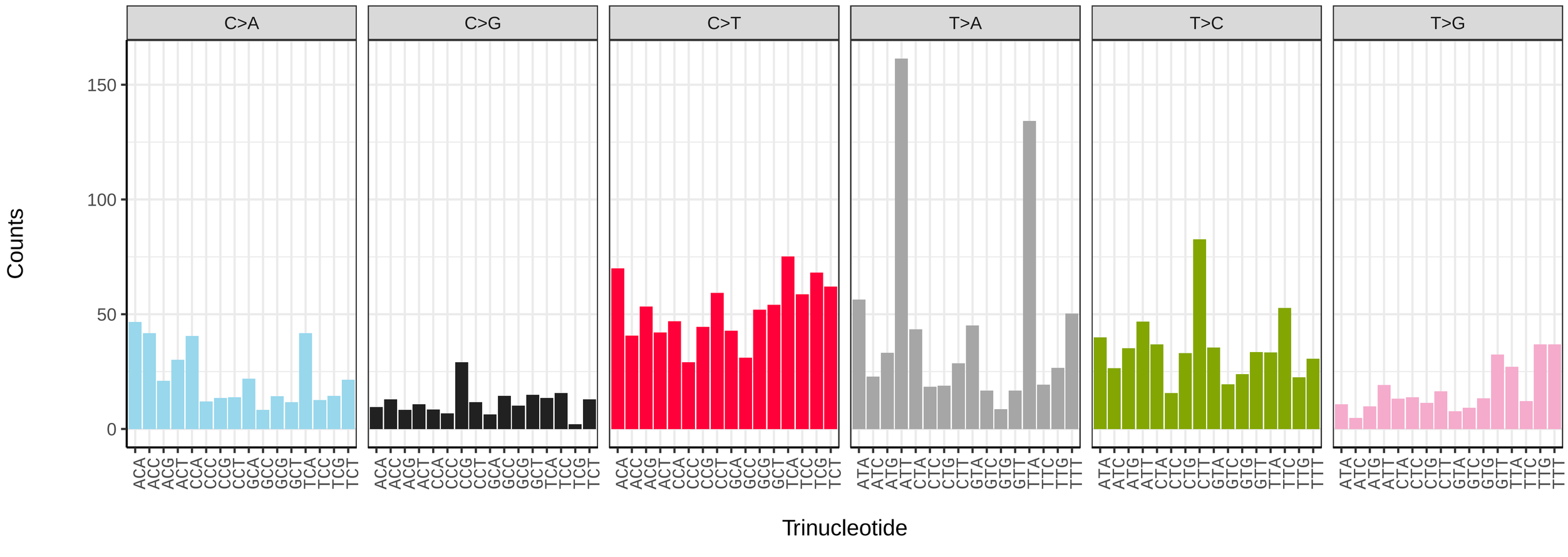
Orthosia gracilis (ilOrtGrac1) somatic mutational spectrum (SBS52 classification)



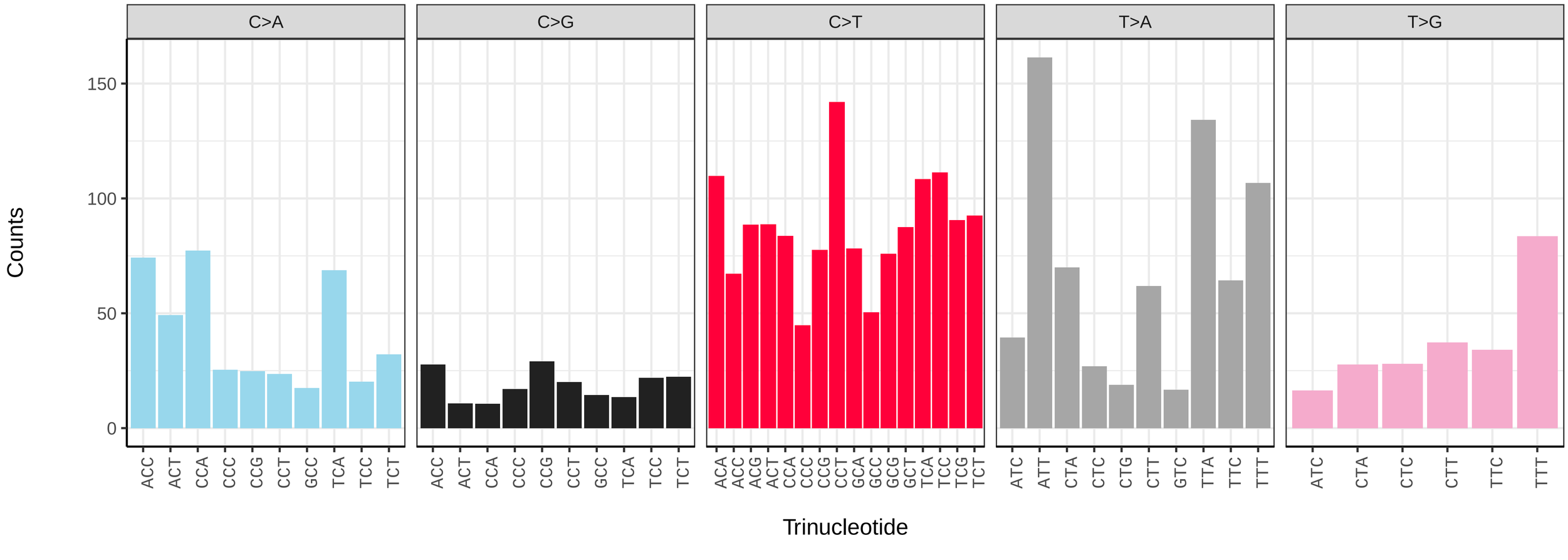
Orthosia incerta (ilOrtInce1) germline mutational spectrum



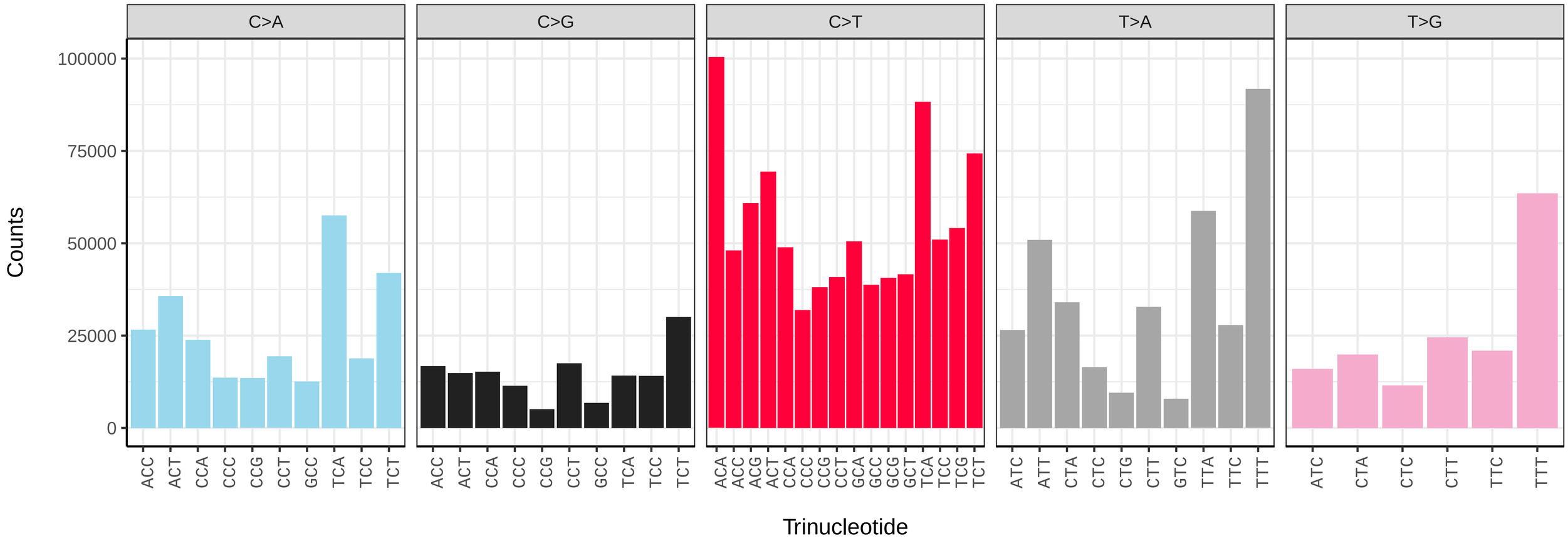
Orthosia incerta (ilOrtInce1) somatic mutational spectrum (SBS96 classification)



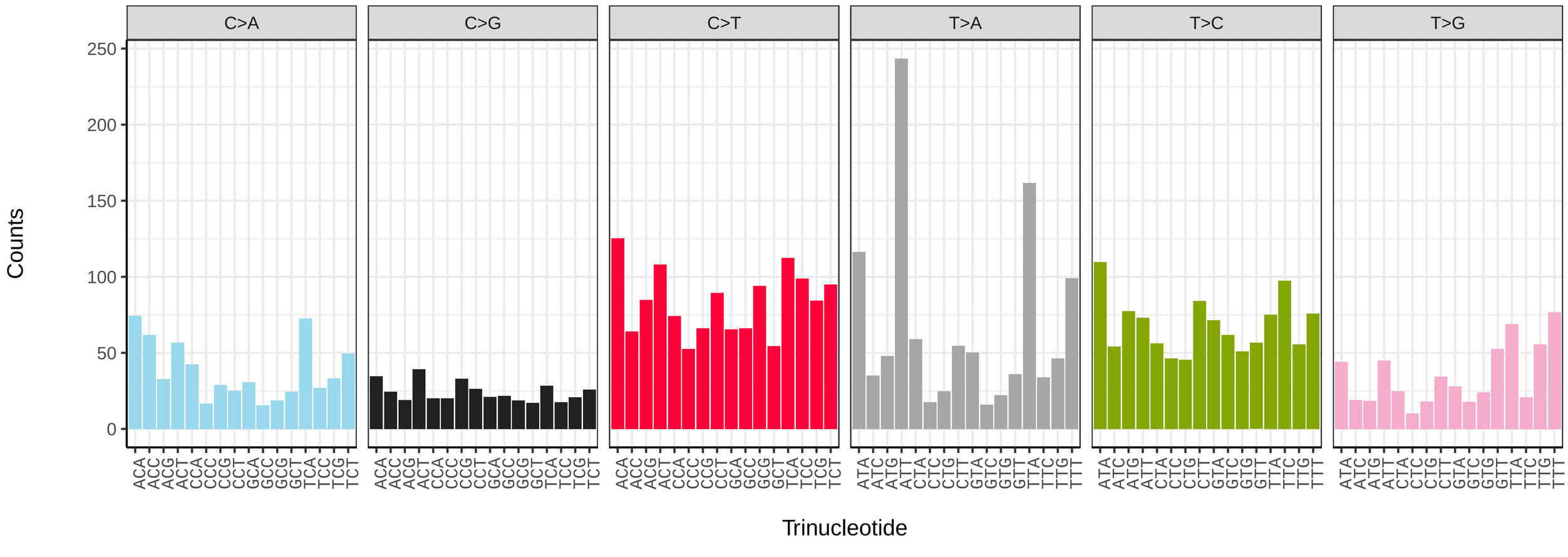
Orthosia incerta (ilOrtInce1) somatic mutational spectrum (SBS52 classification)



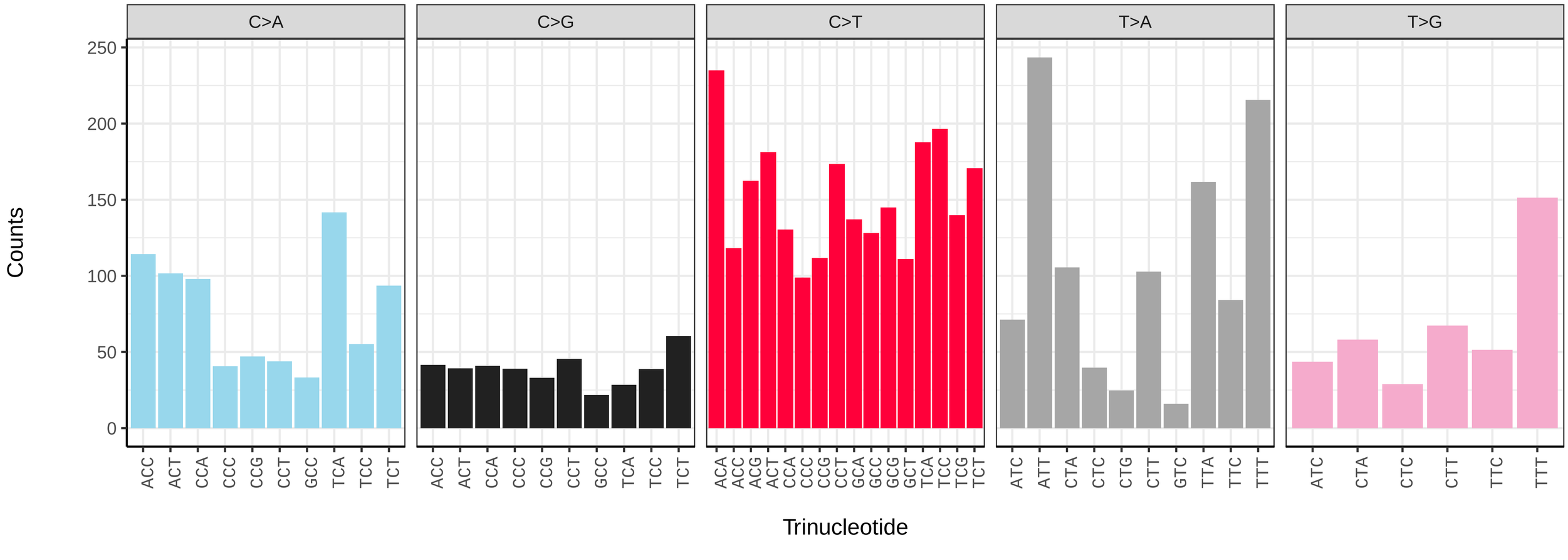
Pammene aurita (ilPamAuri1) germline mutational spectrum



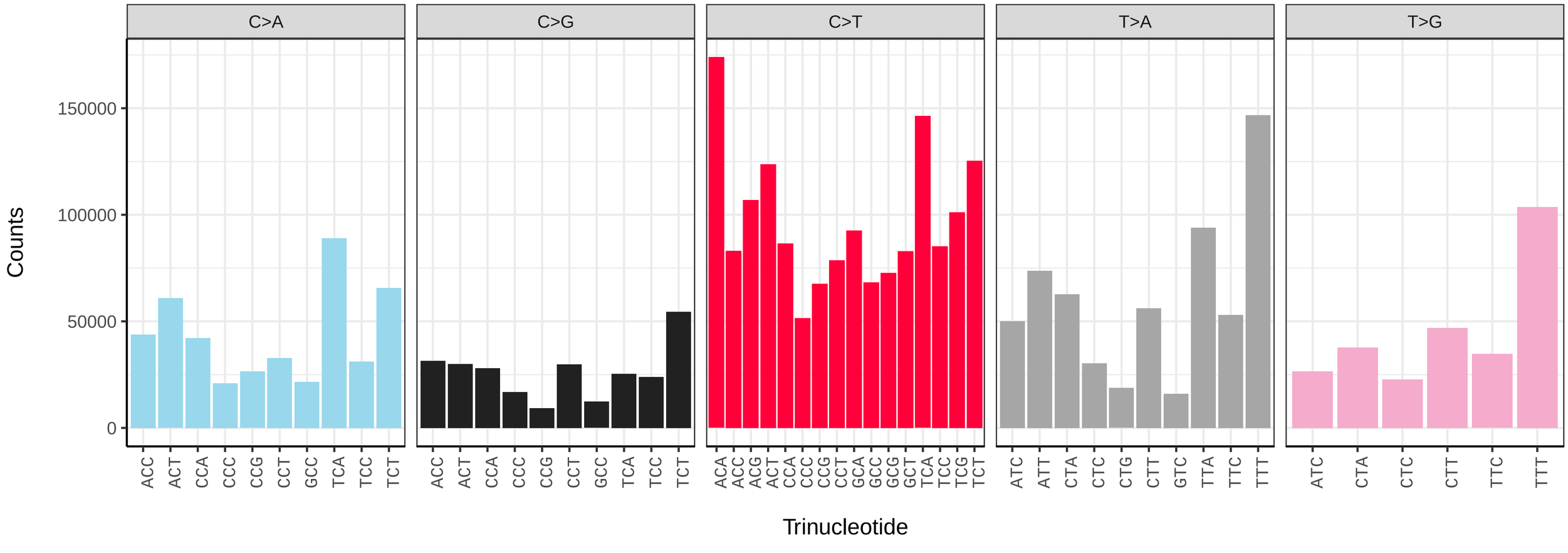
Pammene aurita (ilPamAuri1) somatic mutational spectrum (SBS96 classification)



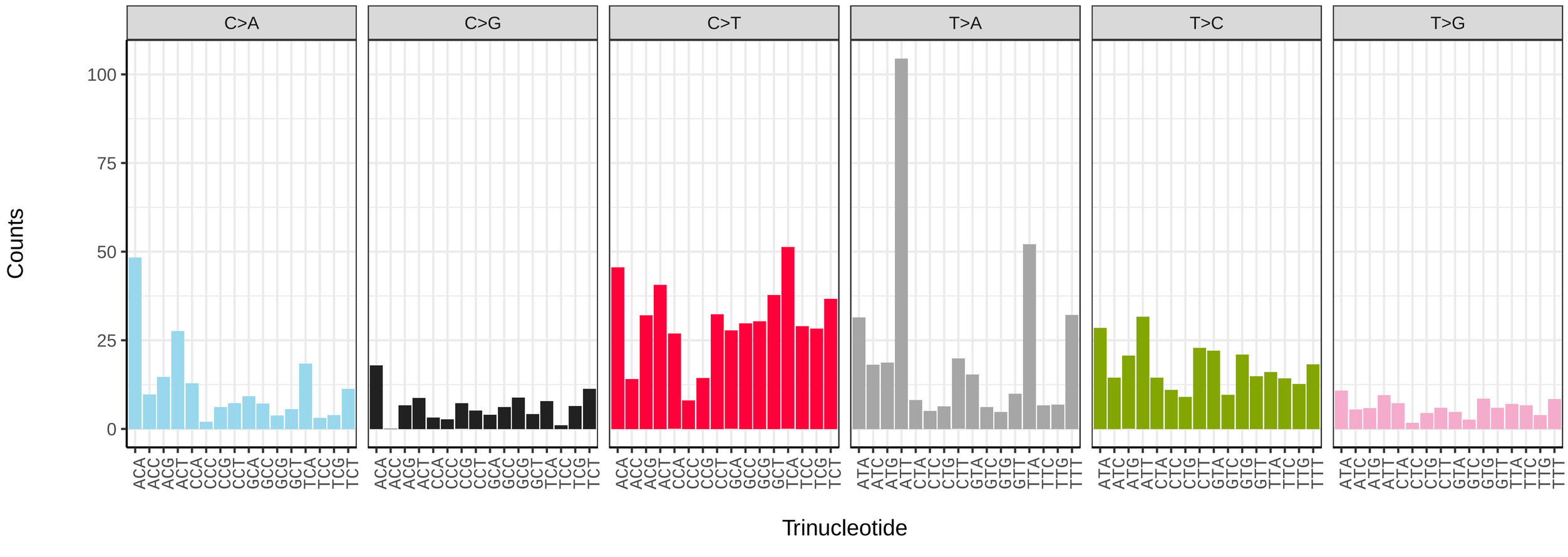
Pammene aurita (ilPamAuri1) somatic mutational spectrum (SBS52 classification)



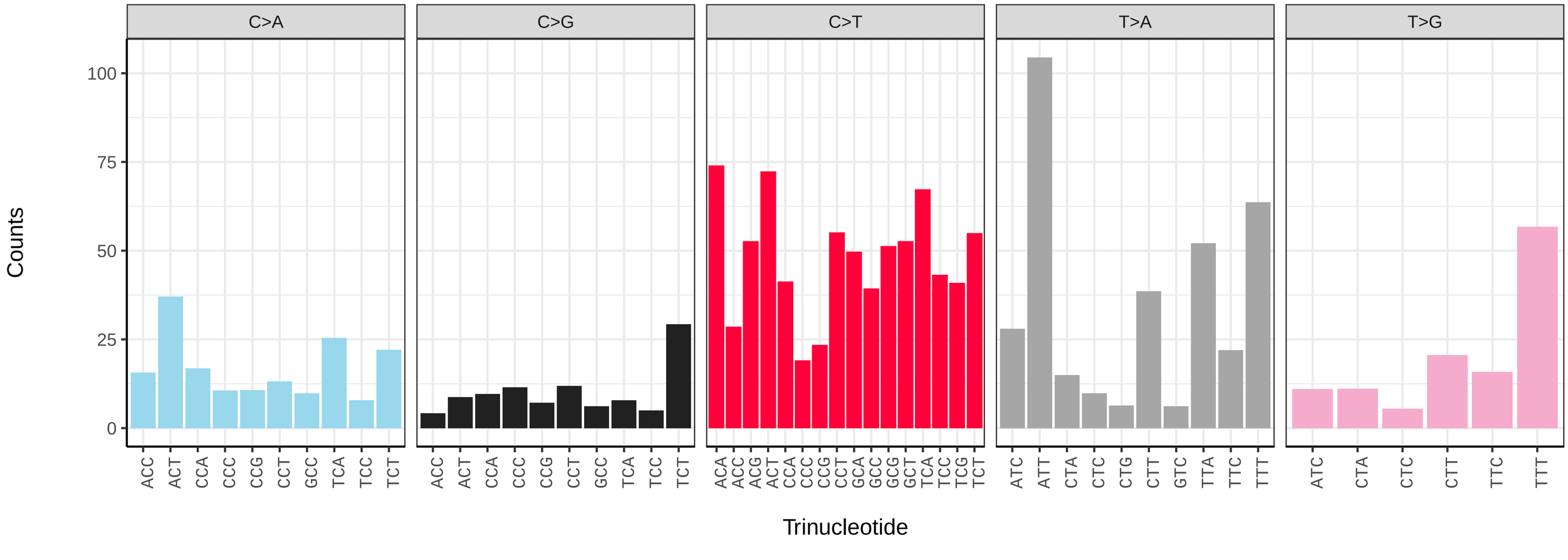
Pammene fasciana (ilPamFasc1) germline mutational spectrum



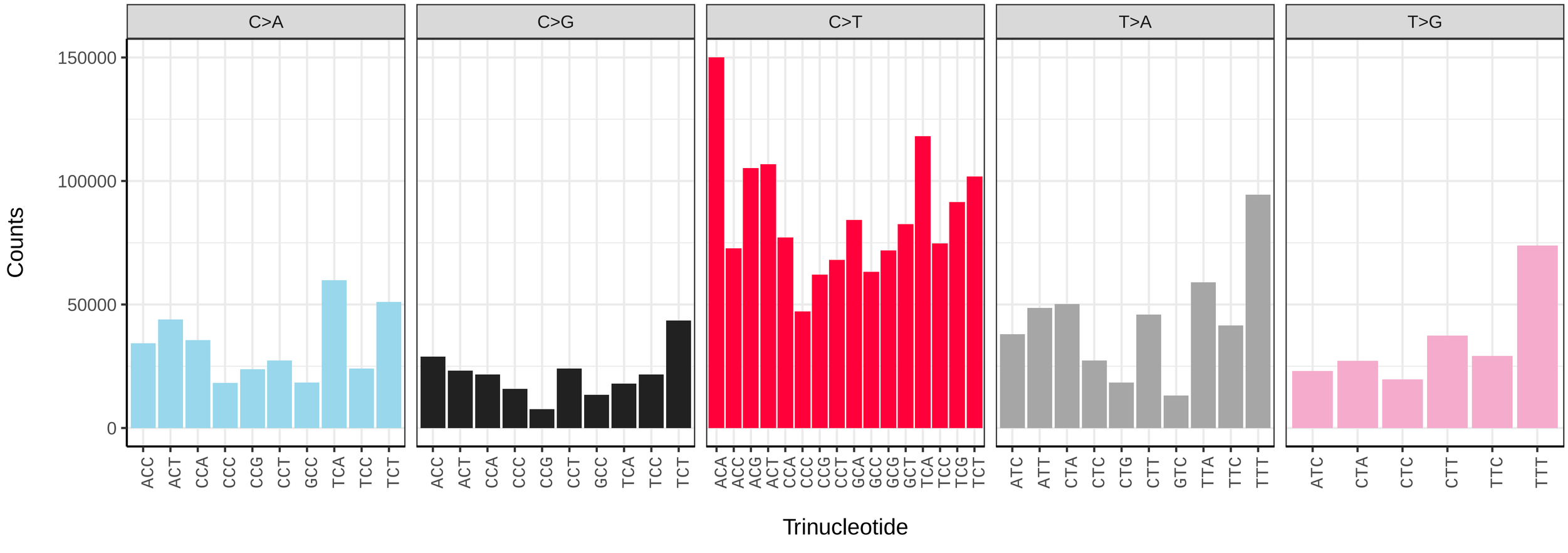
Pammene fasciana (ilPamFasc1) somatic mutational spectrum (SBS96 classification)



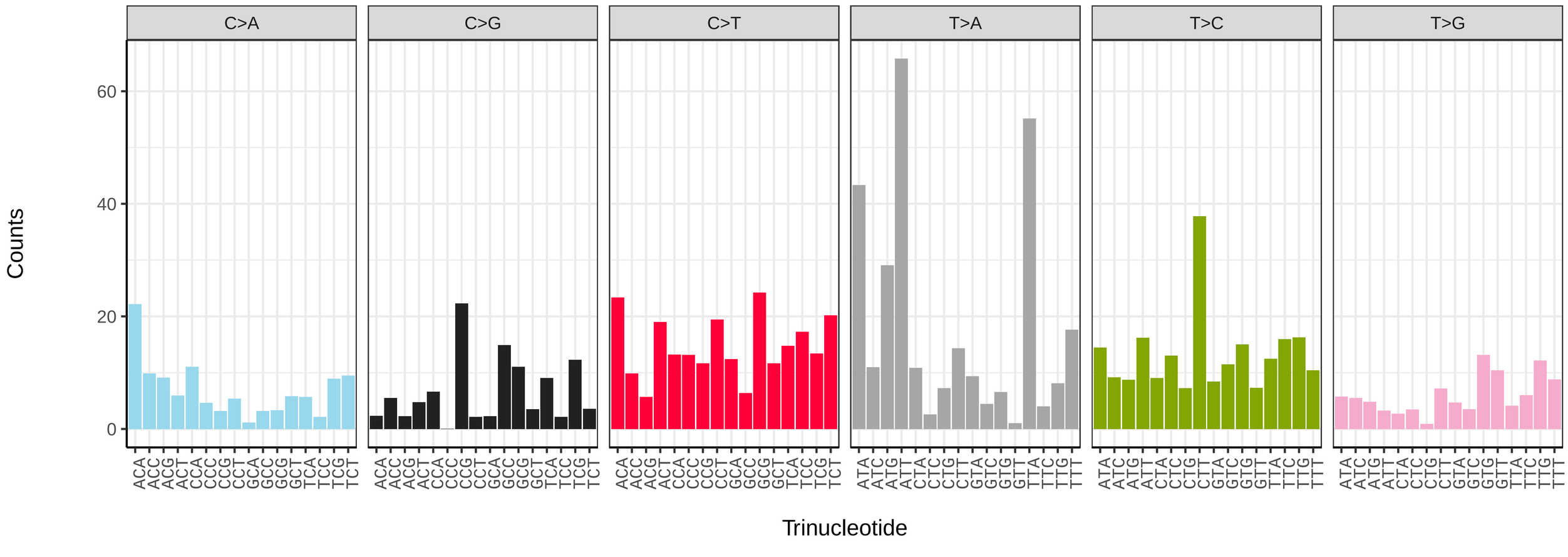
Pammene fasciana (ilPamFasc1) somatic mutational spectrum (SBS52 classification)



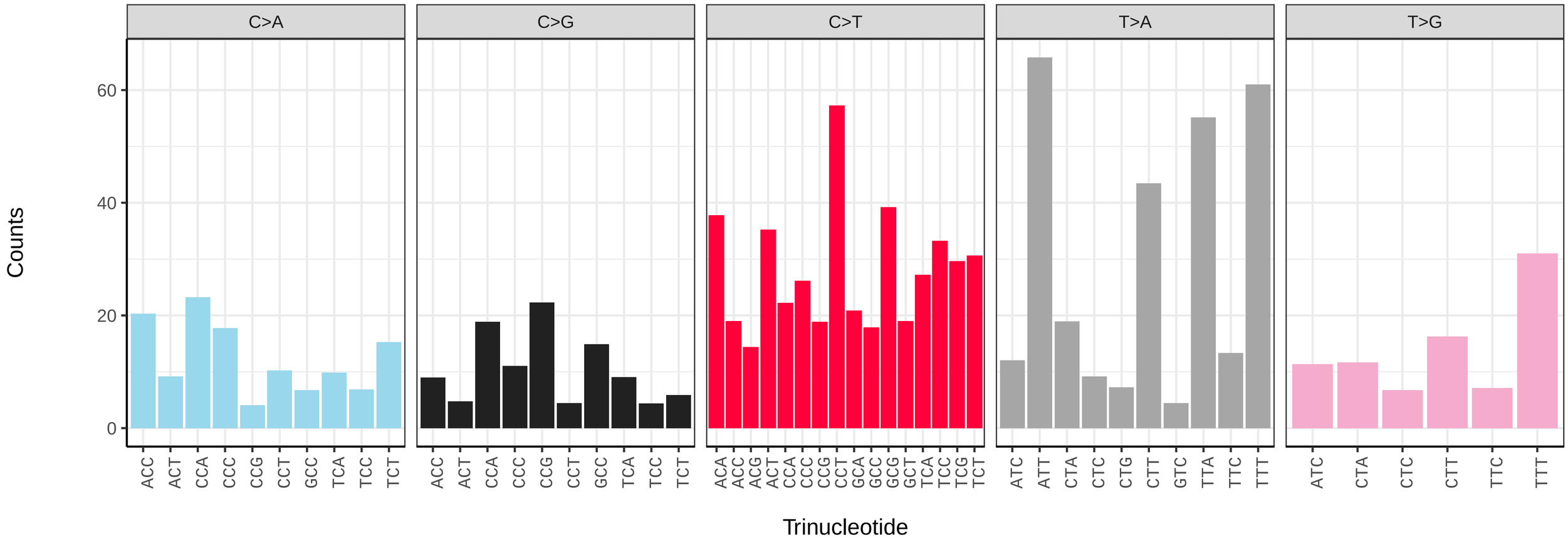
Pandemis cinnamomeana (ilPanCinn1) germline mutational spectrum



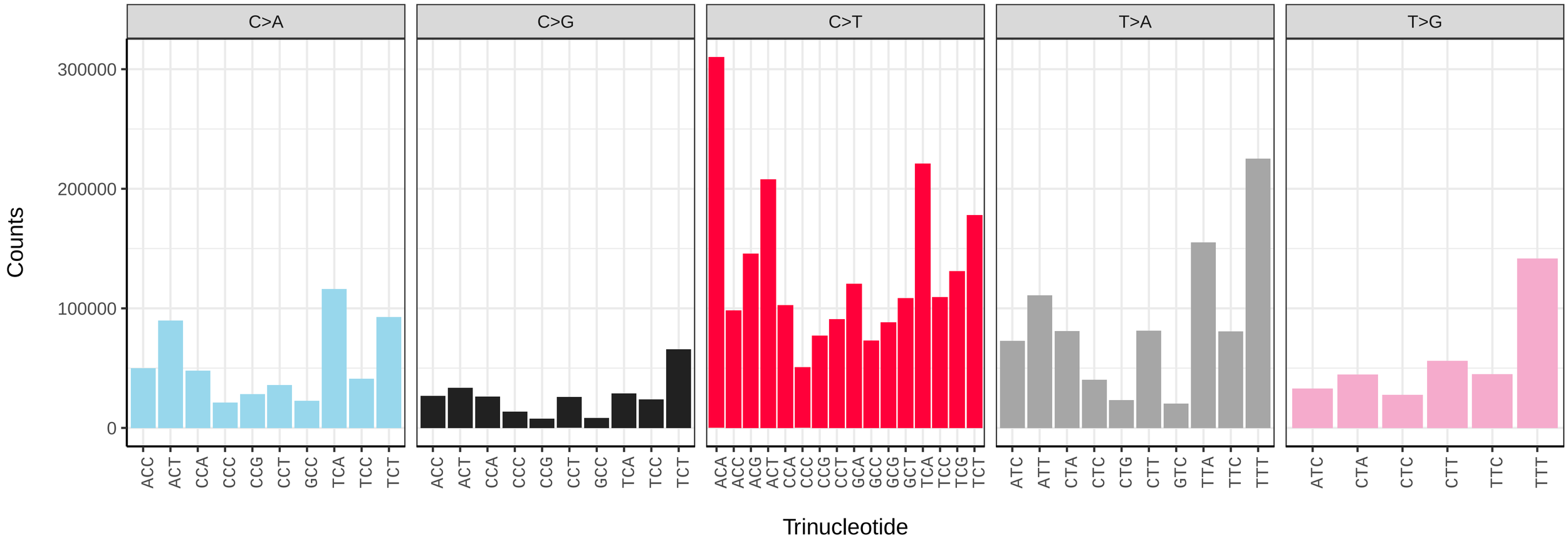
Pandemis cinnamomeana (ilPanCinn1) somatic mutational spectrum (SBS96 classification)



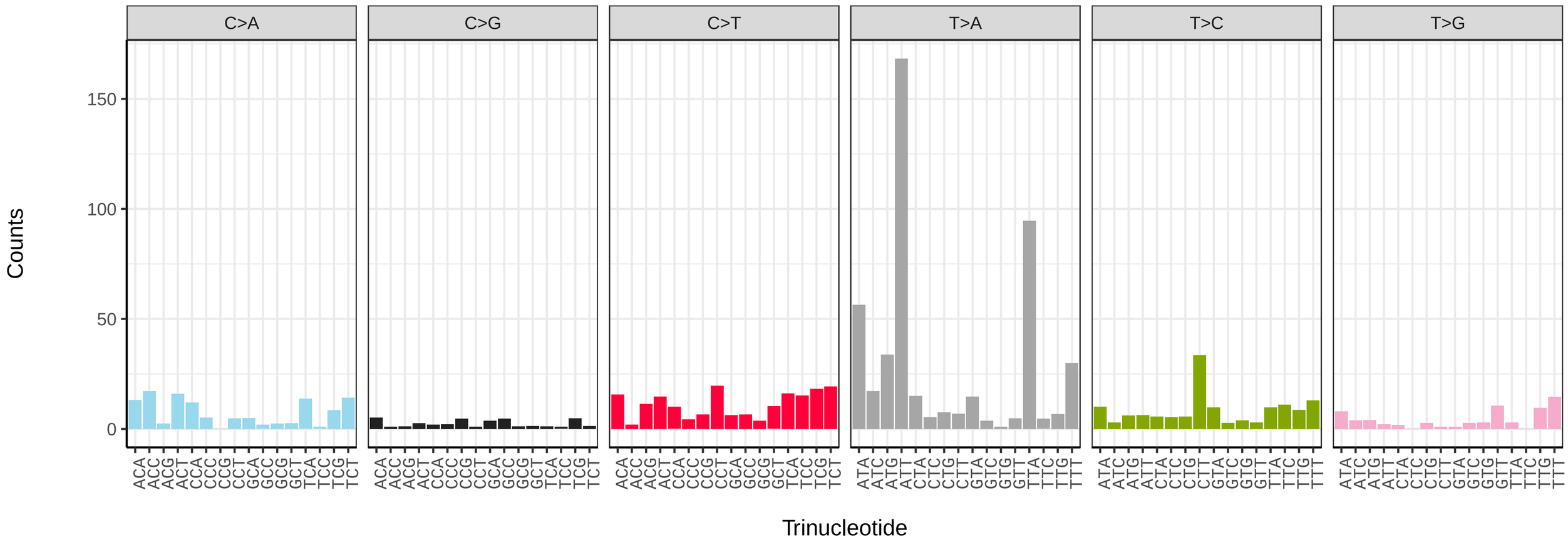
Pandemis cinnamomeana (ilPanCinn1) somatic mutational spectrum (SBS52 classification)



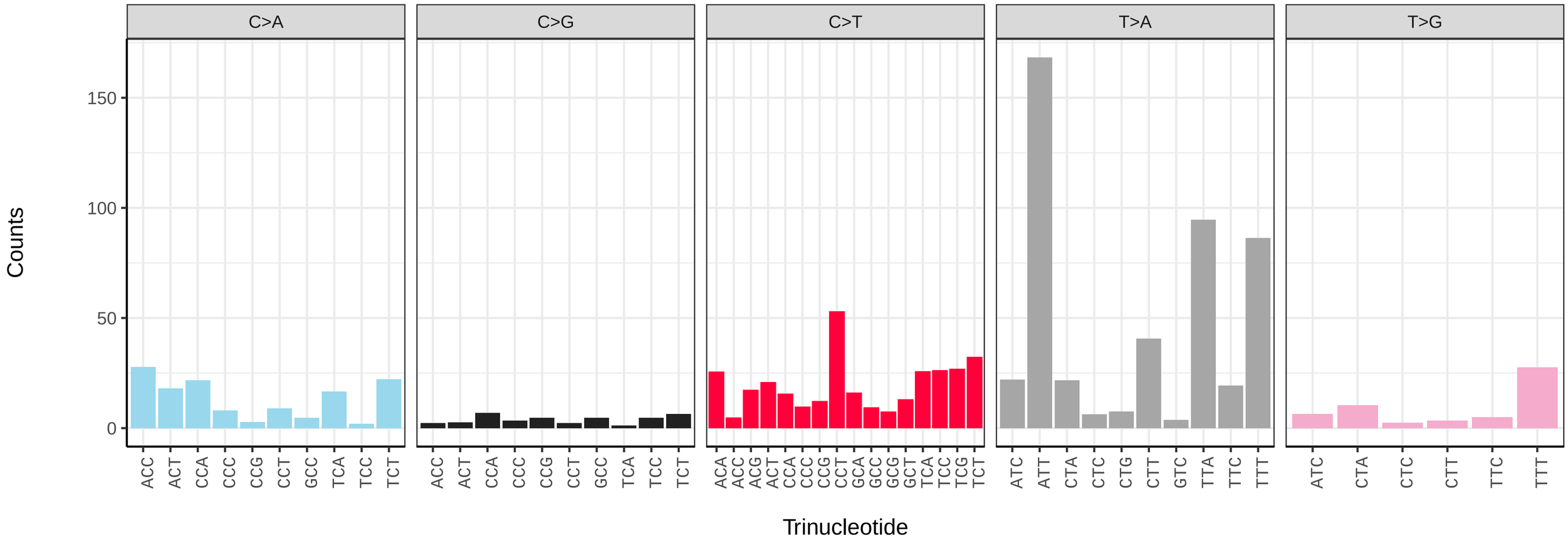
Papilio machaon (ilPapMach1) germline mutational spectrum



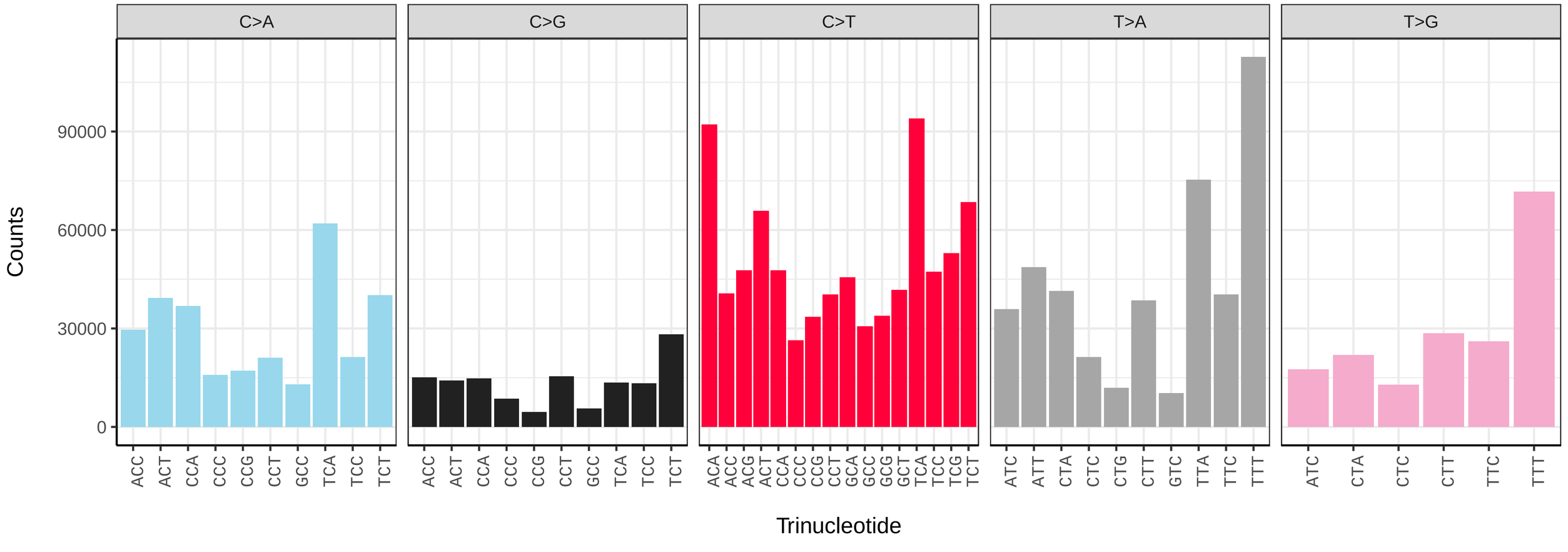
Papilio machaon (ilPapMach1) somatic mutational spectrum (SBS96 classification)



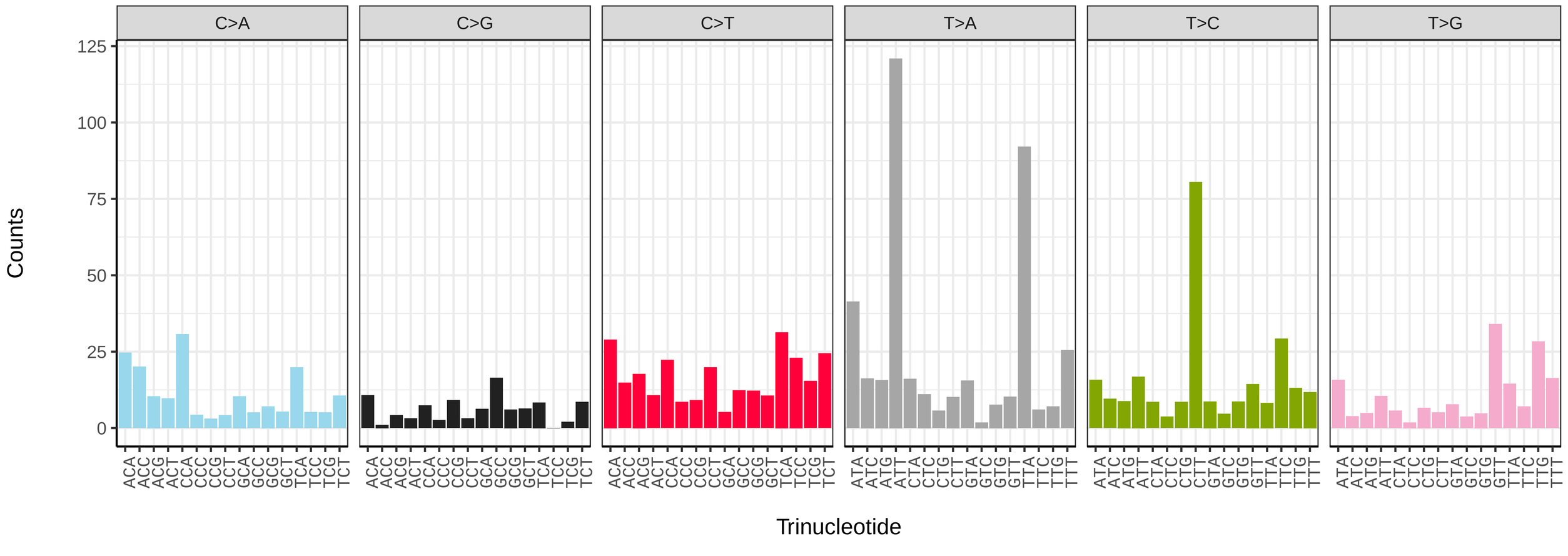
Papilio machaon (ilPapMach1) somatic mutational spectrum (SBS52 classification)



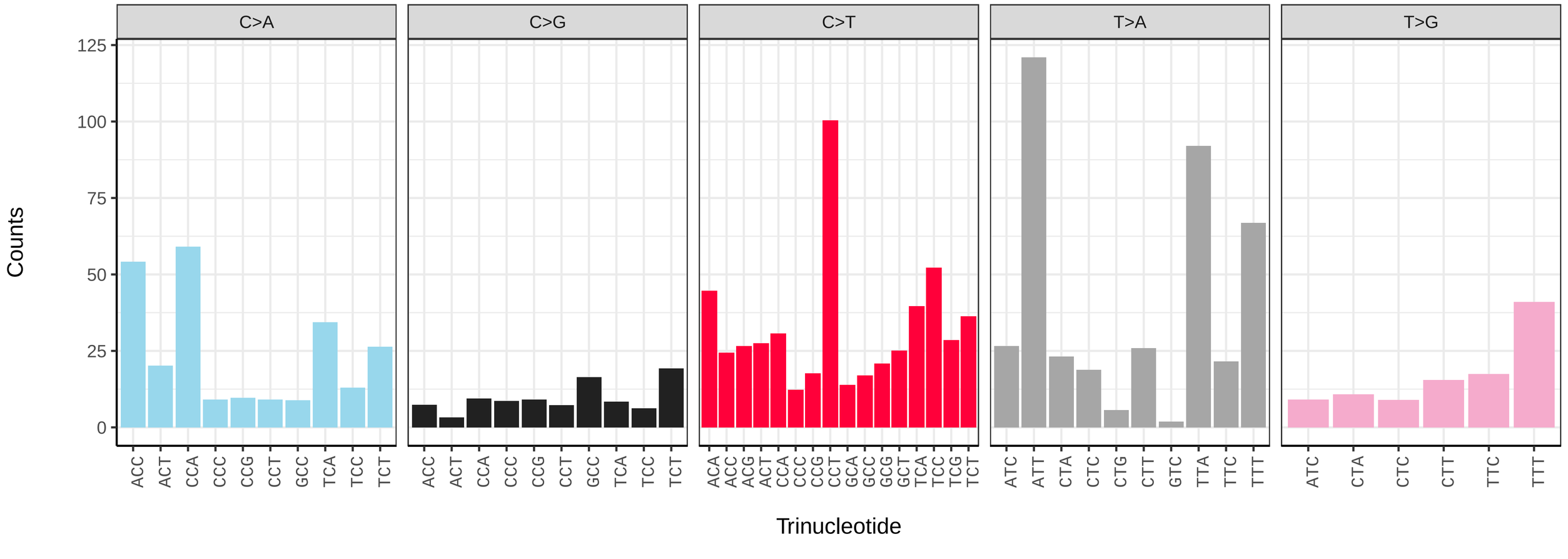
Pararge aegeria (ilParAegt1) germline mutational spectrum



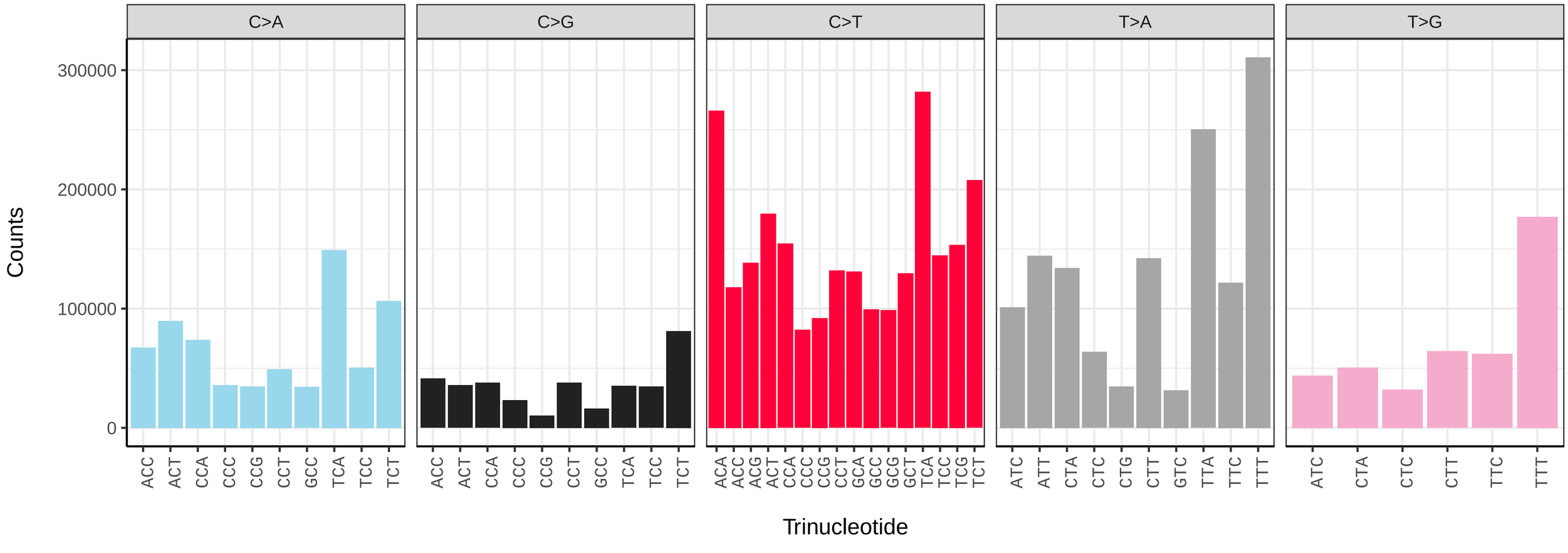
Pararge aegeria (ilParAegt1) somatic mutational spectrum (SBS96 classification)



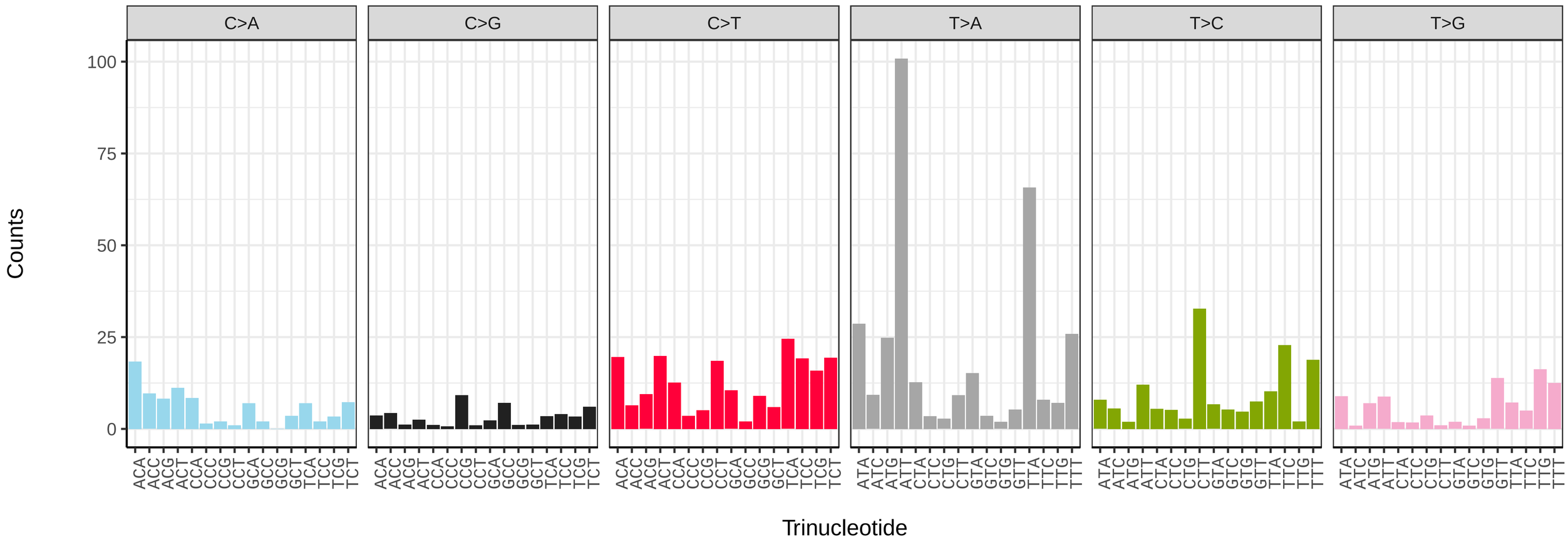
Pararge aegeria (ilParAegt1) somatic mutational spectrum (SBS52 classification)



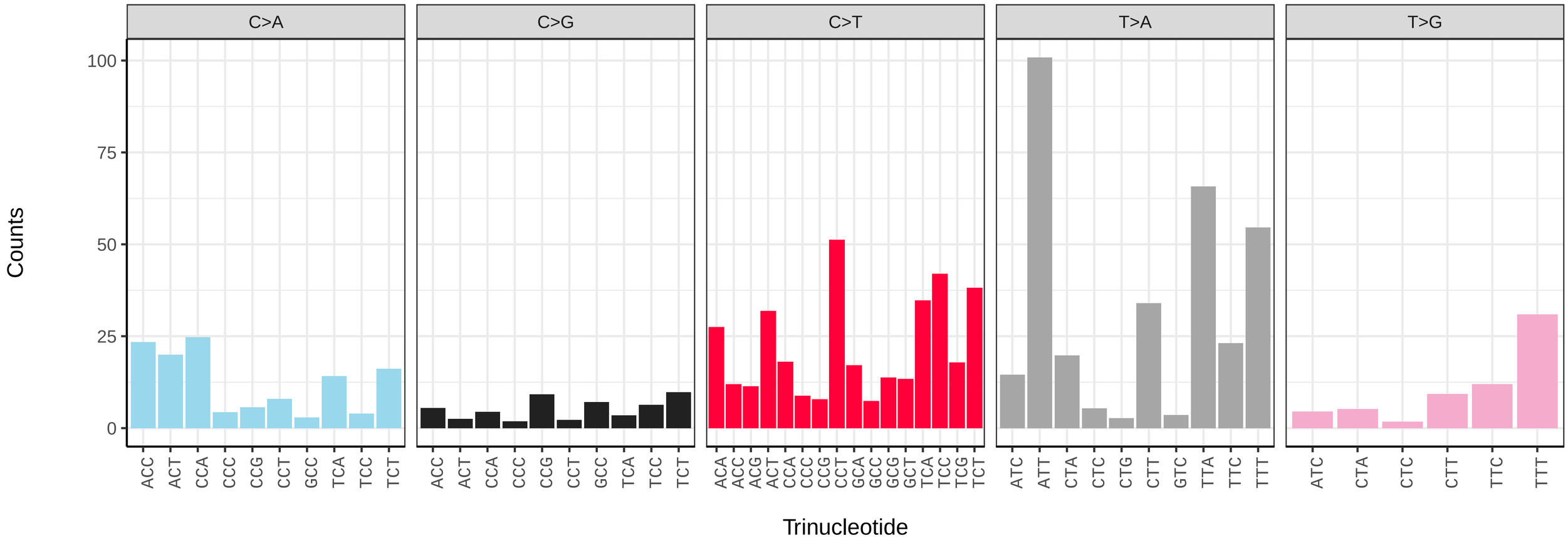
Parapoynx stratiotata (ilParStra1) germline mutational spectrum



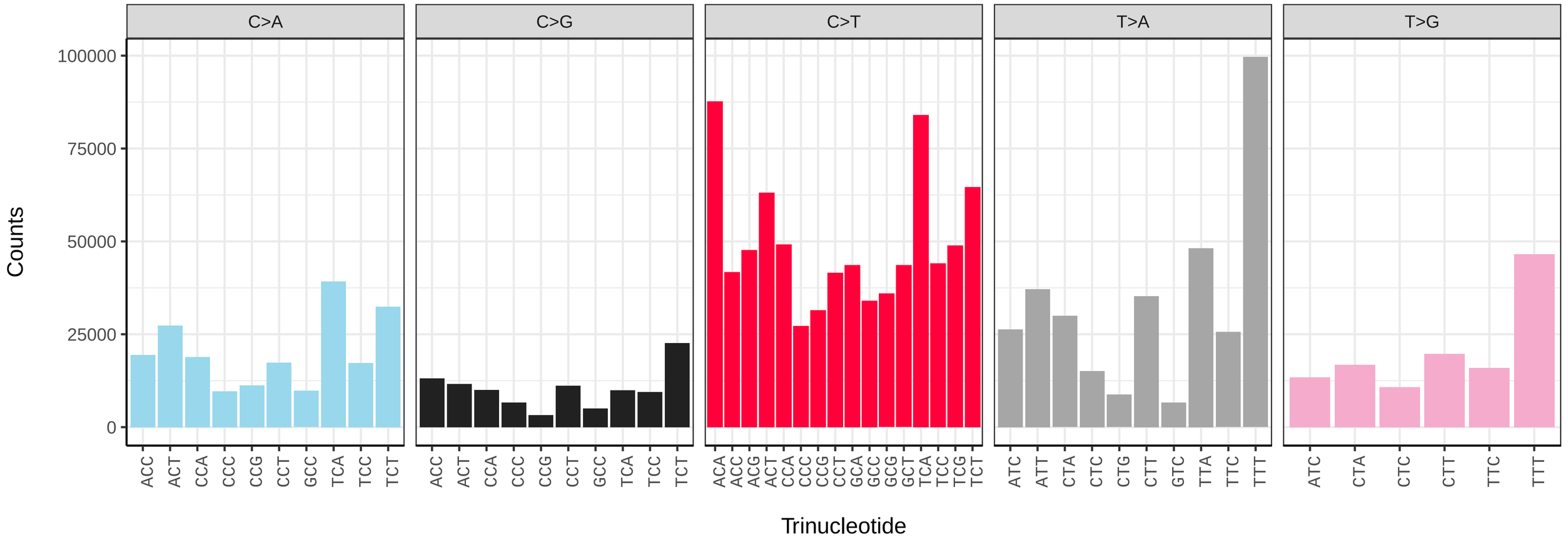
Parapoynx stratiotata (ilParStra1) somatic mutational spectrum (SBS96 classification)



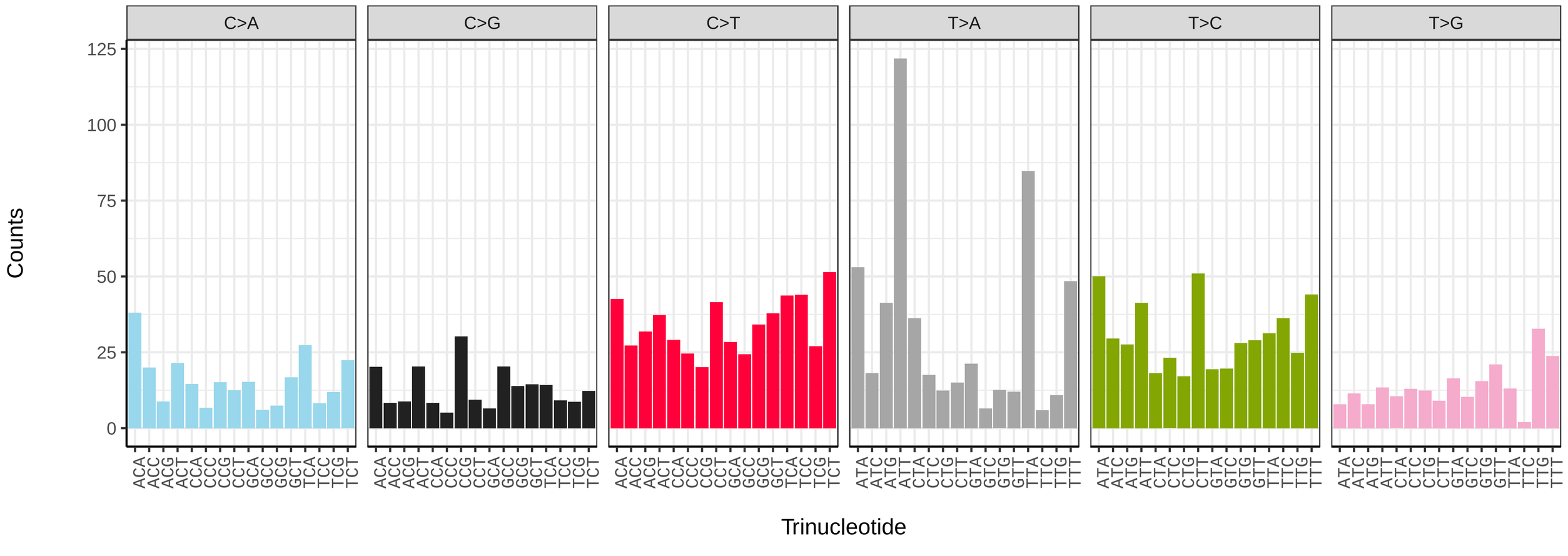
Parapoynx stratiotata (ilParStra1) somatic mutational spectrum (SBS52 classification)



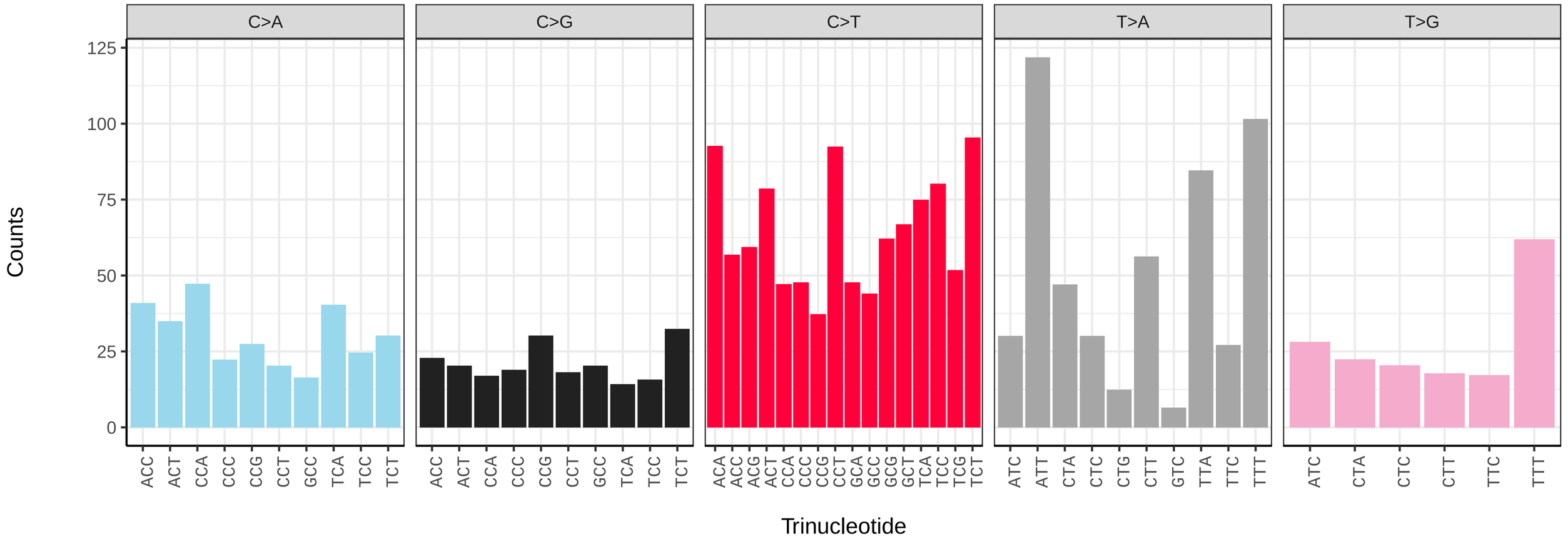
Peribatodes rhomboidaria (ilPerRhom1) germline mutational spectrum



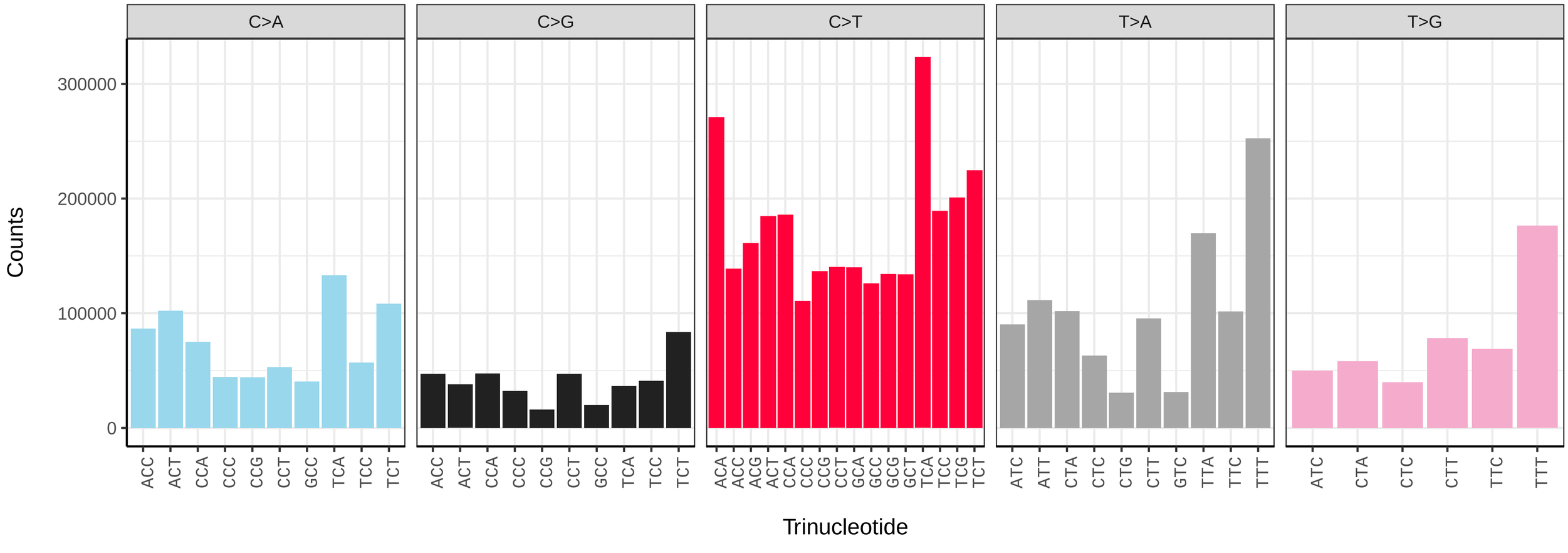
Peribatodes rhomboidaria (ilPerRhom1) somatic mutational spectrum (SBS96 classification)



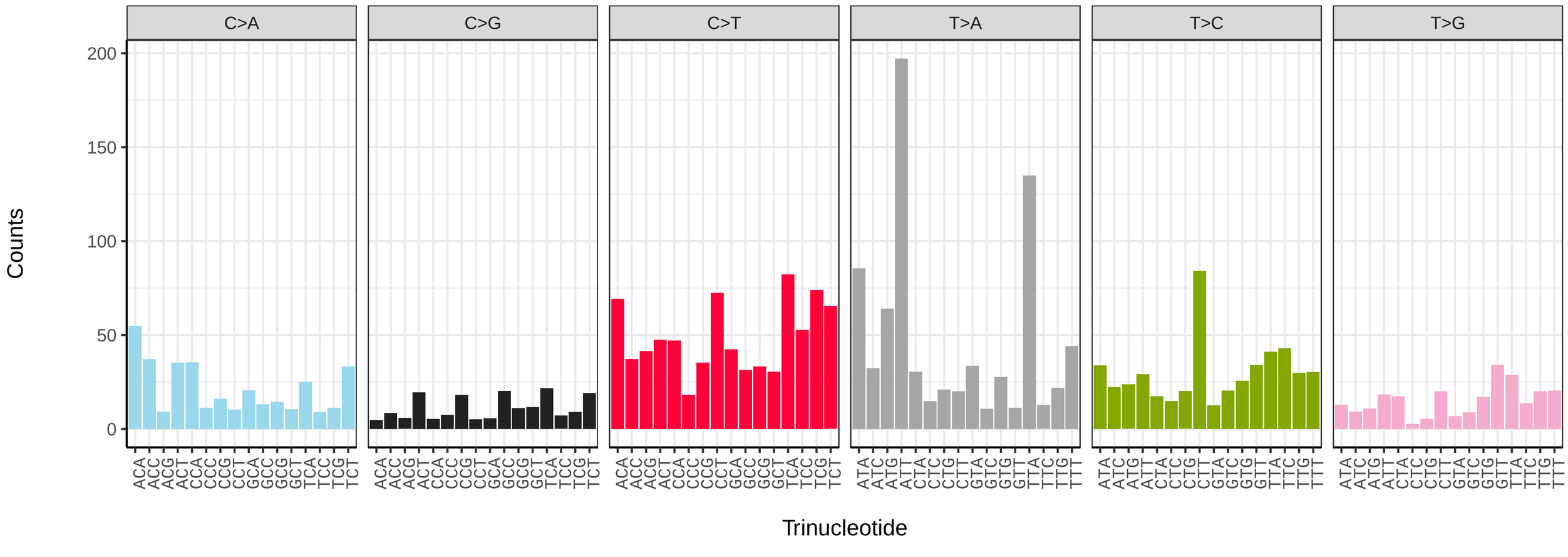
Peribatodes rhomboidaria (ilPerRhom1) somatic mutational spectrum (SBS52 classification)



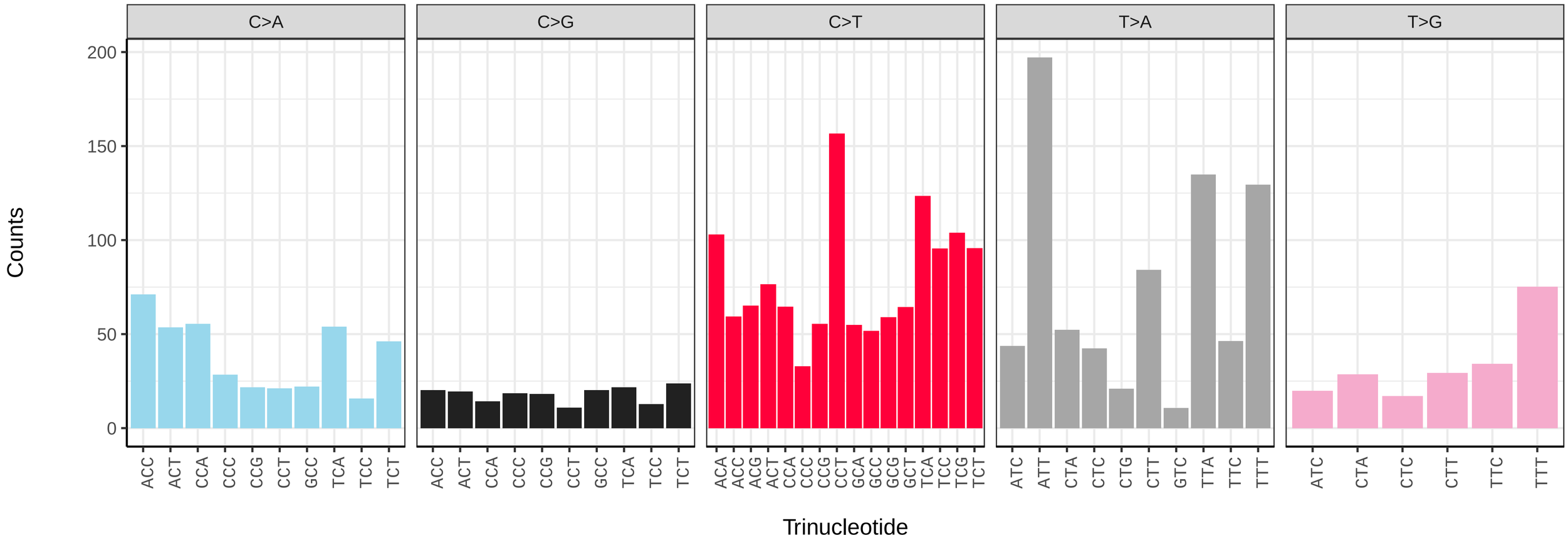
Phalera bucephala (ilPhaBuce1) germline mutational spectrum



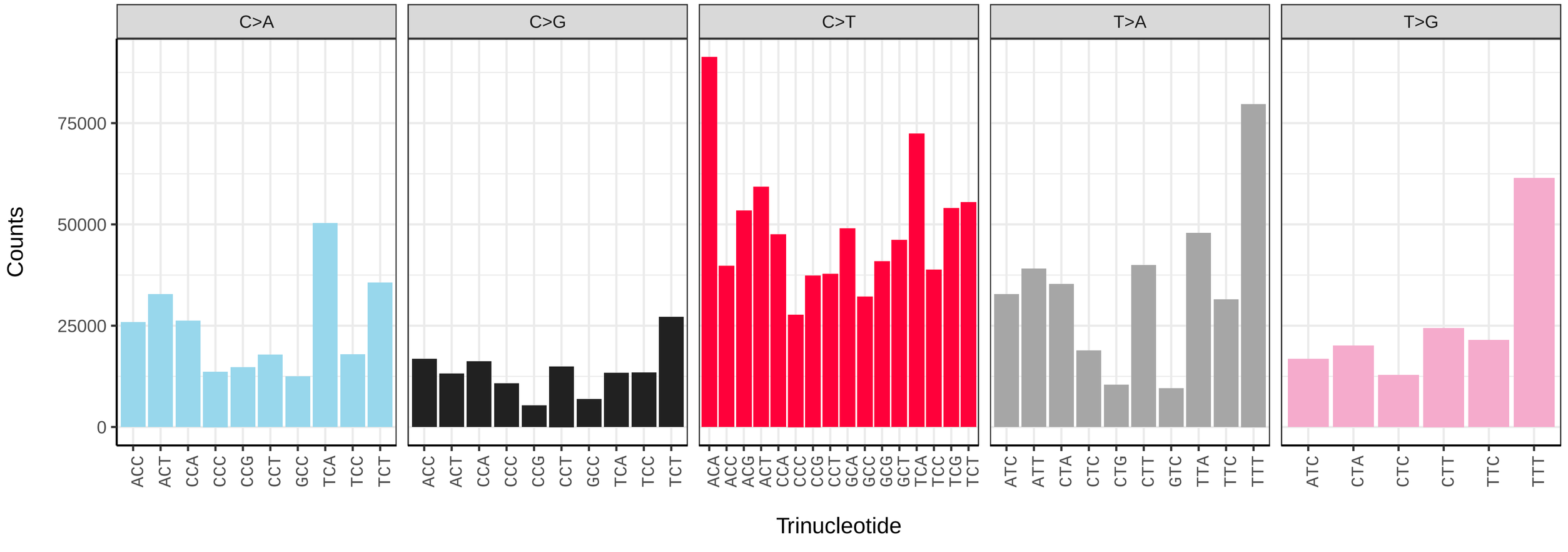
Phalera bucephala (ilPhaBuce1) somatic mutational spectrum (SBS96 classification)



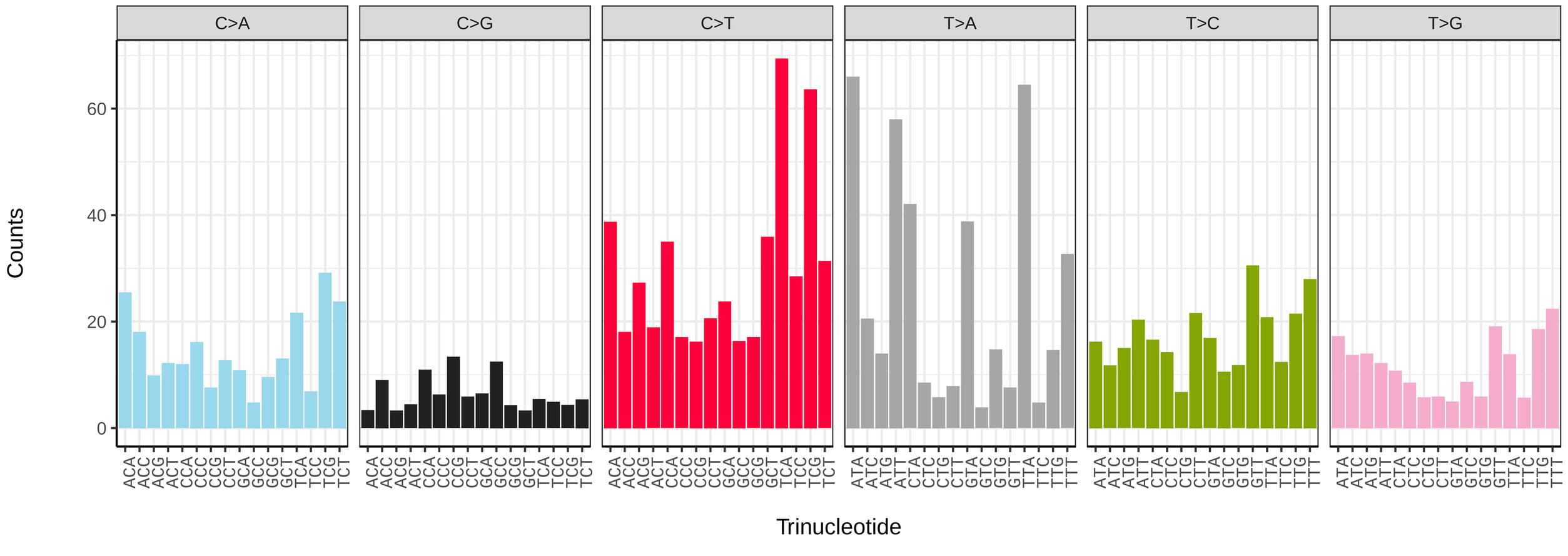
Phalera bucephala (ilPhaBuce1) somatic mutational spectrum (SBS52 classification)



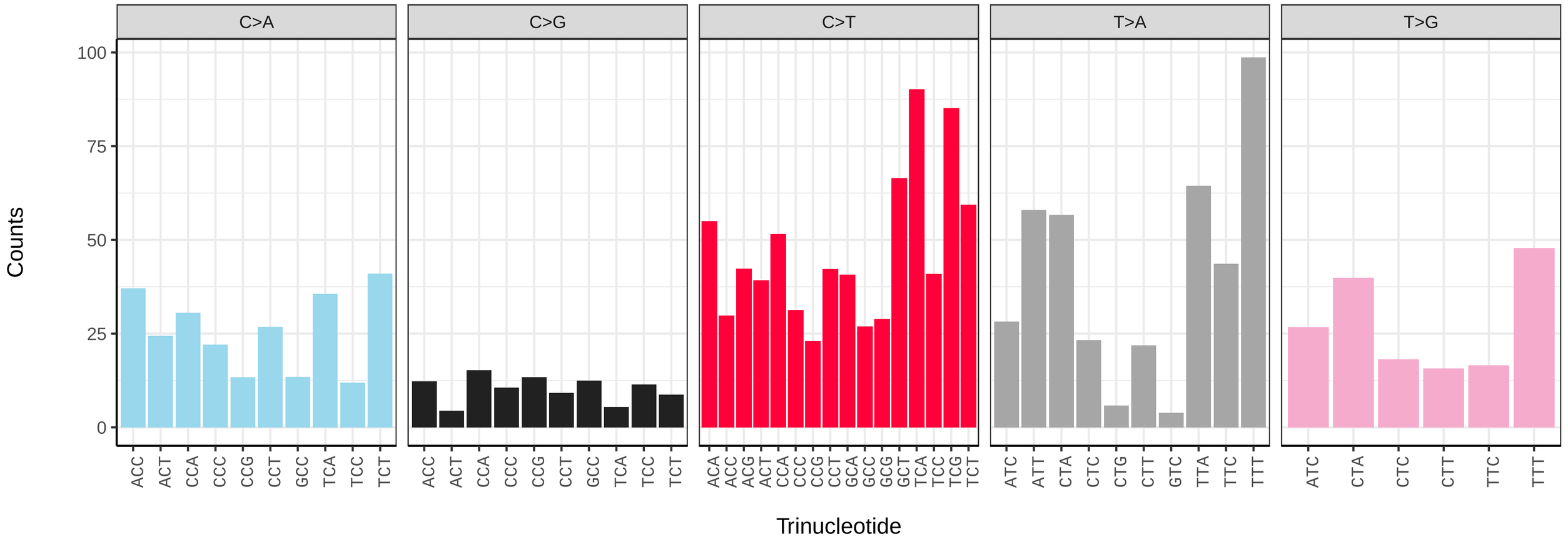
Pheosia gnoma (ilPheGnom1) germline mutational spectrum



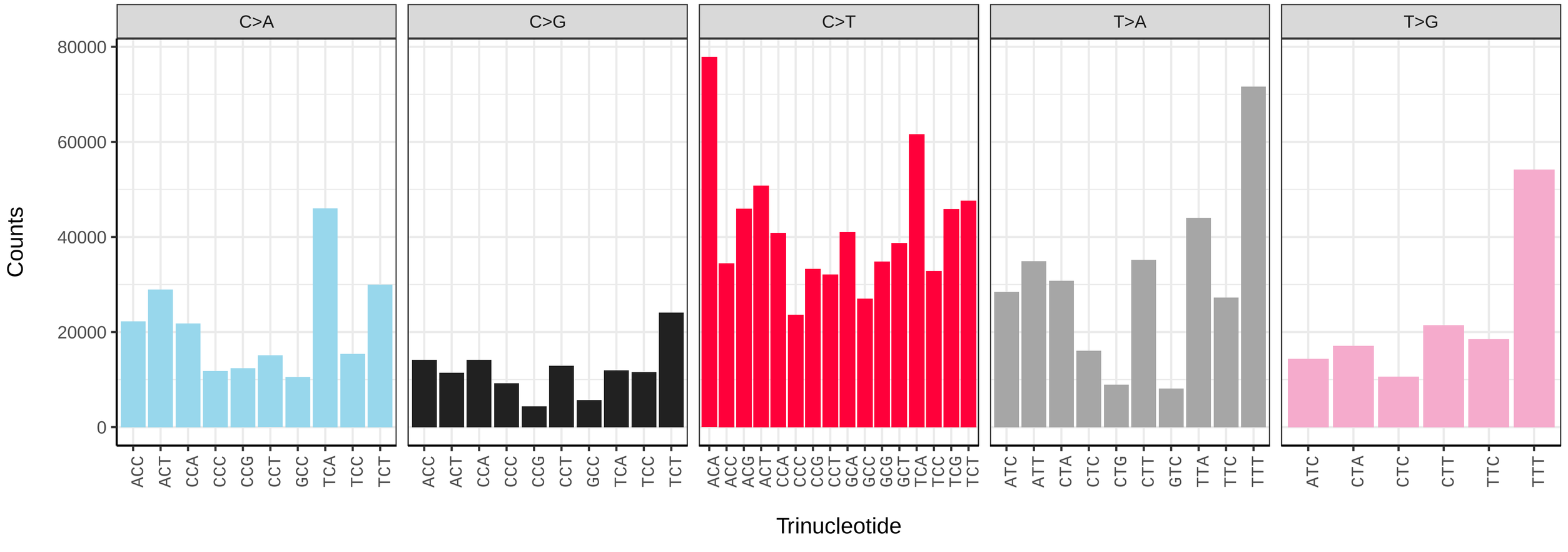
Pheosia gnoma (ilPheGnom1) somatic mutational spectrum (SBS96 classification)



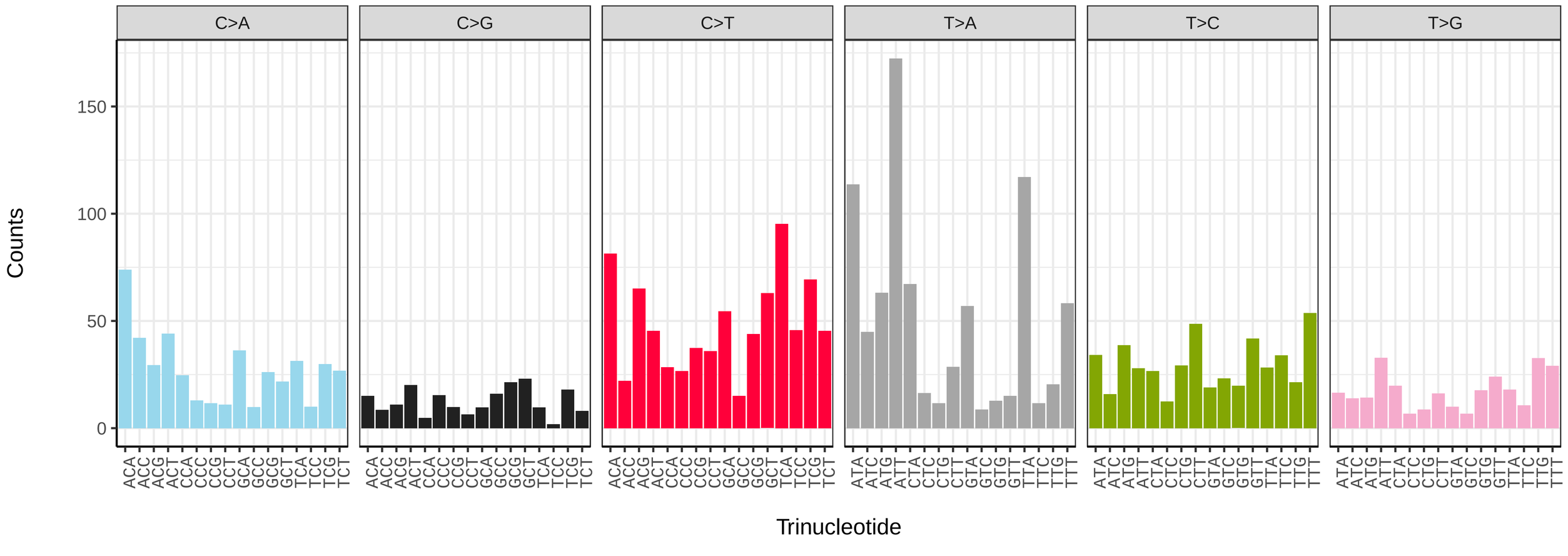
Pheosia gnoma (ilPheGnom1) somatic mutational spectrum (SBS52 classification)



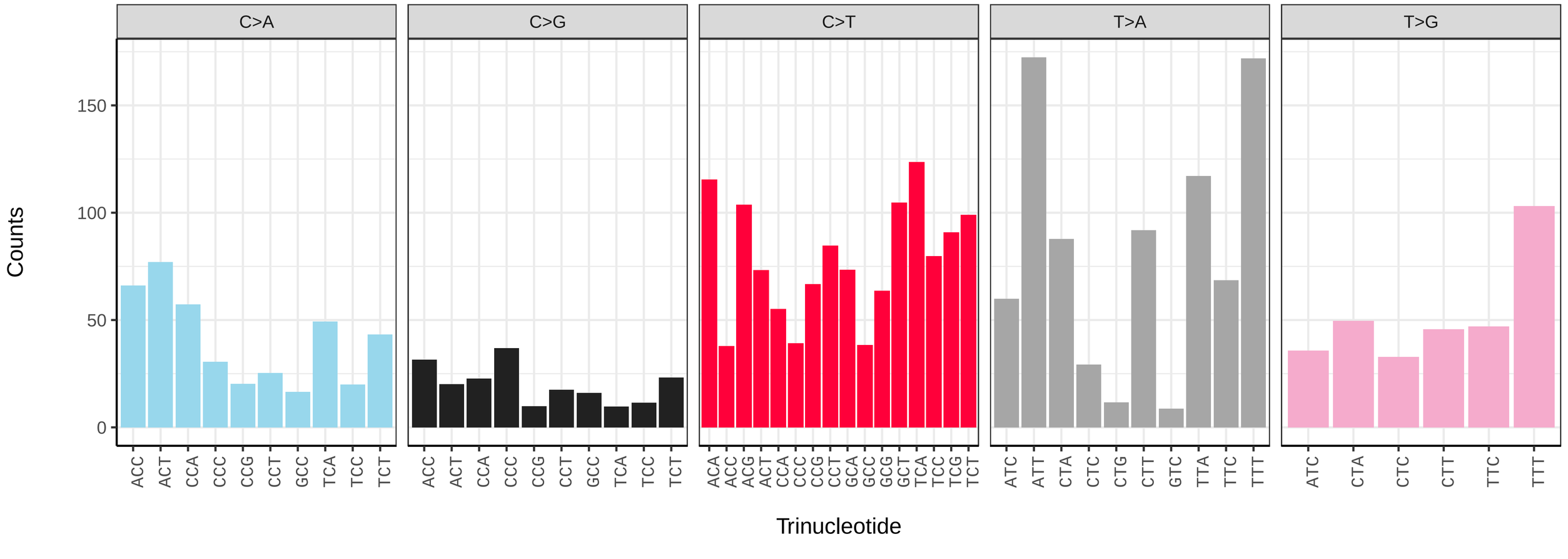
Pheosia tremula (ilPheTrem1) germline mutational spectrum



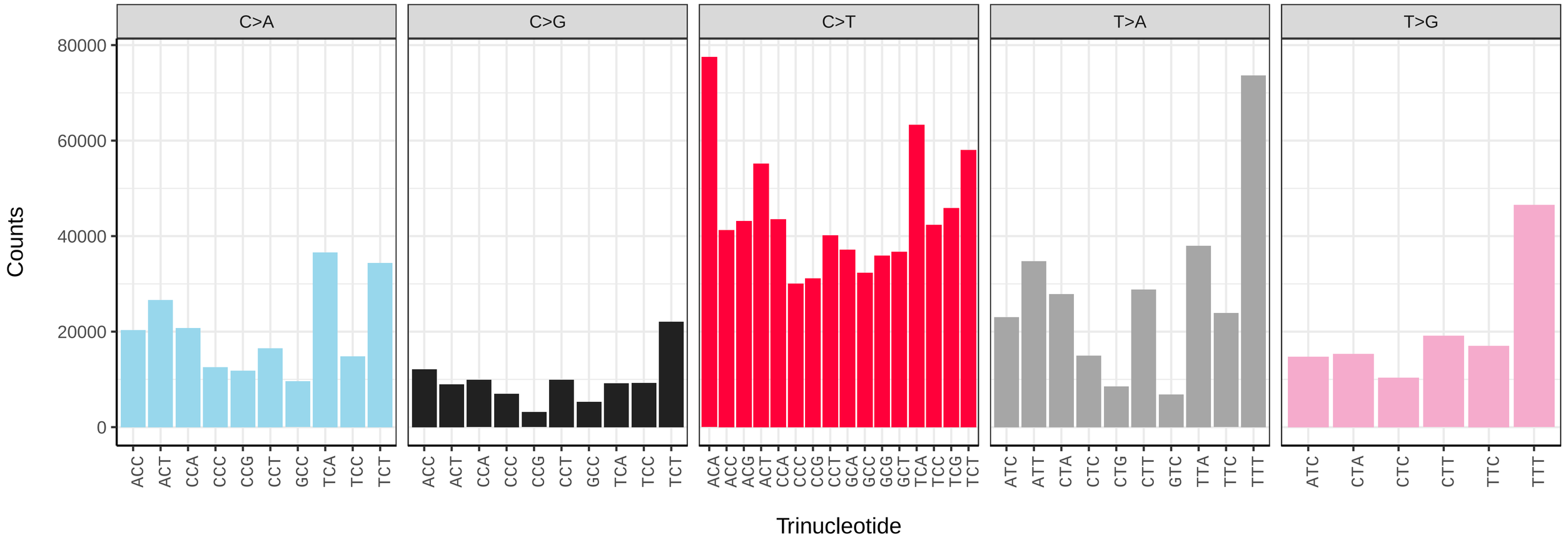
Pheosia tremula (ilPheTrem1) somatic mutational spectrum (SBS96 classification)



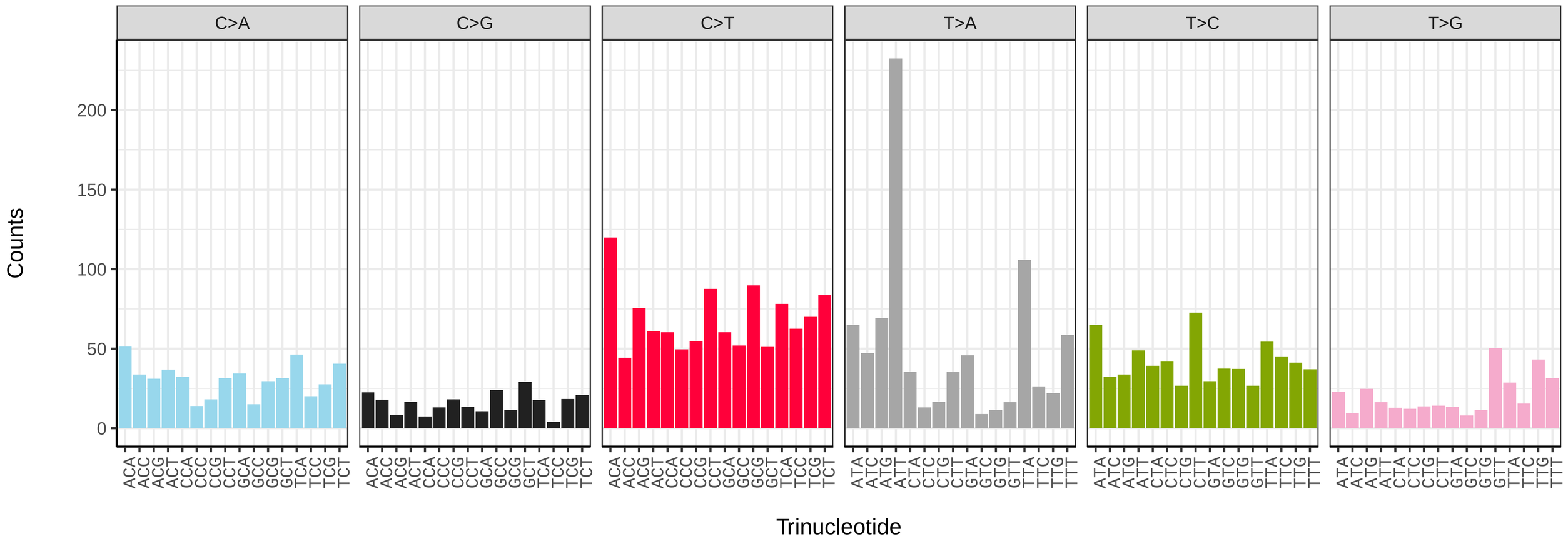
Pheosia tremula (ilPheTrem1) somatic mutational spectrum (SBS52 classification)



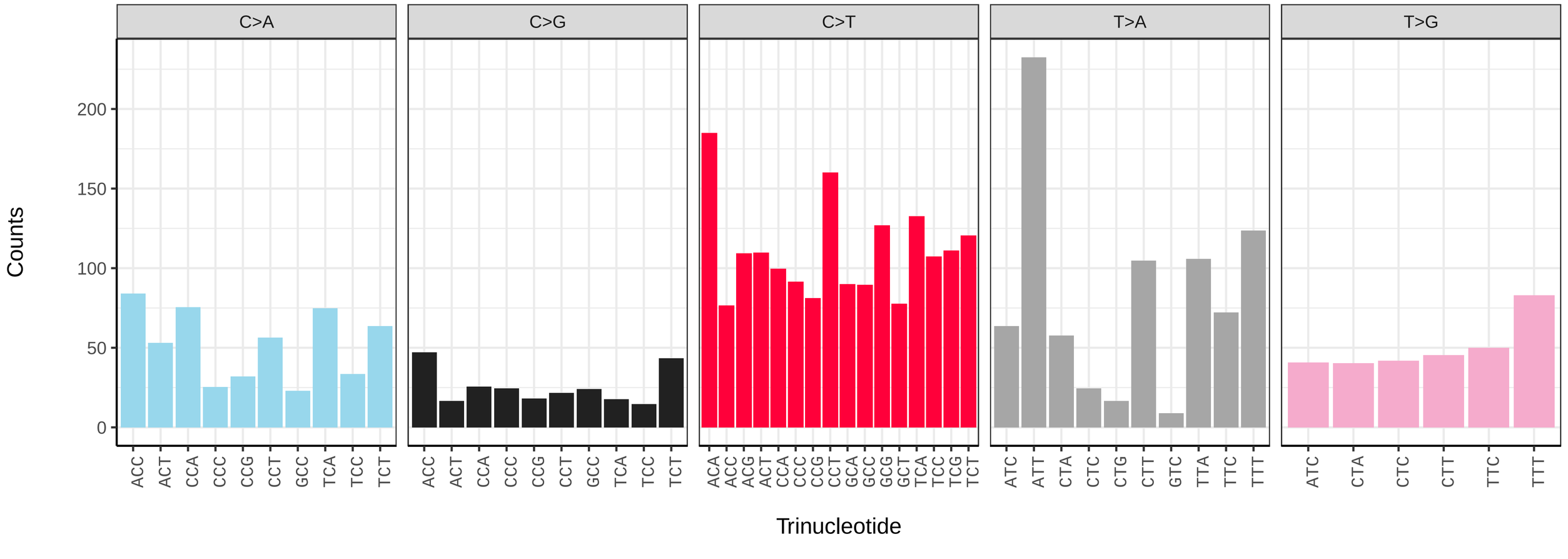
Philereme vetulata (ilPhiVetu1) germline mutational spectrum



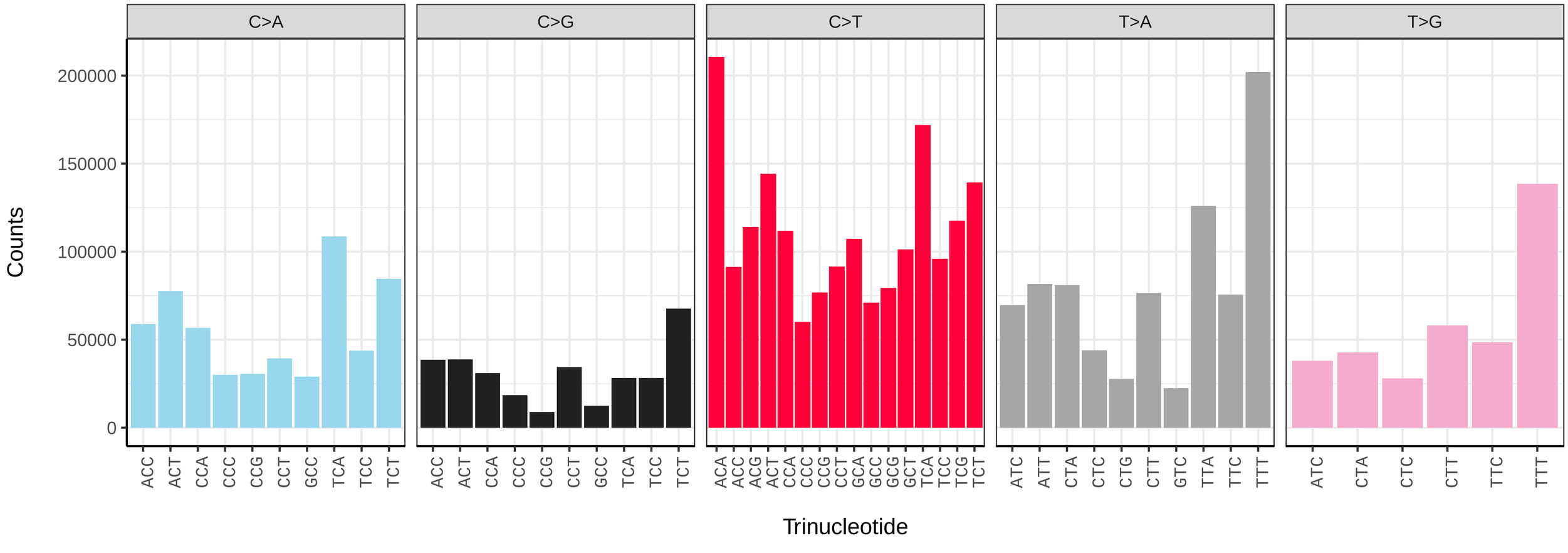
Philereme vetulata (ilPhiVetu1) somatic mutational spectrum (SBS96 classification)



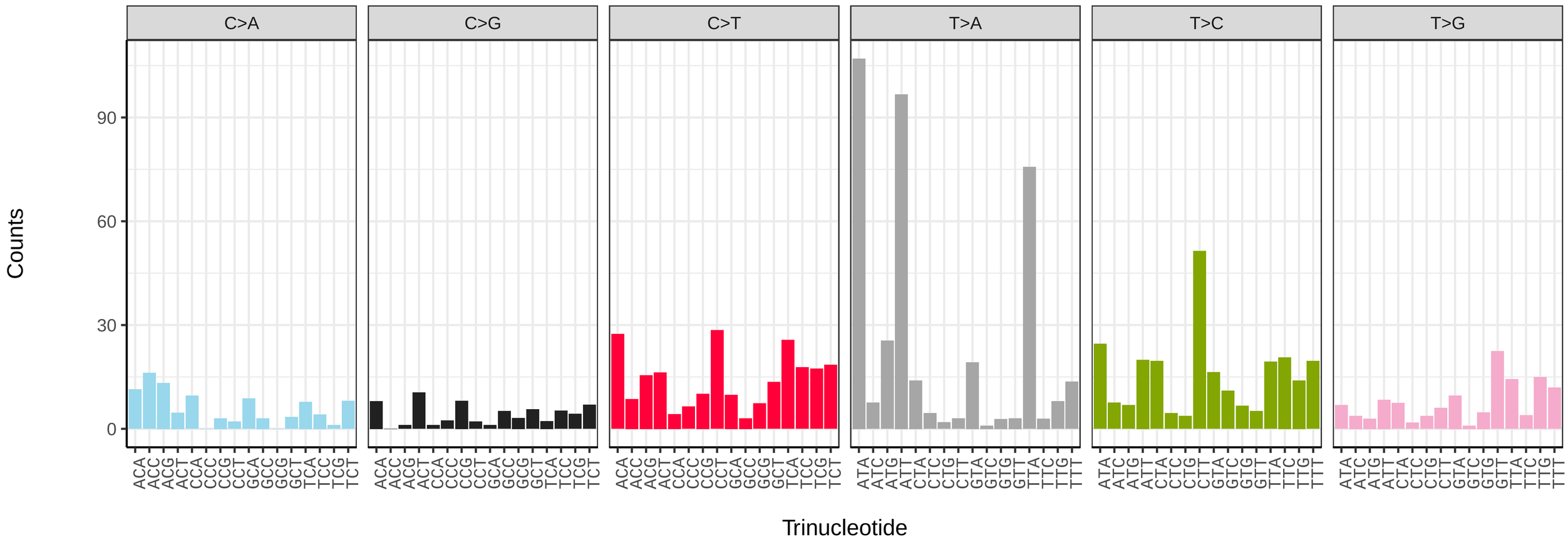
Philereme vetulata (ilPhiVetu1) somatic mutational spectrum (SBS52 classification)



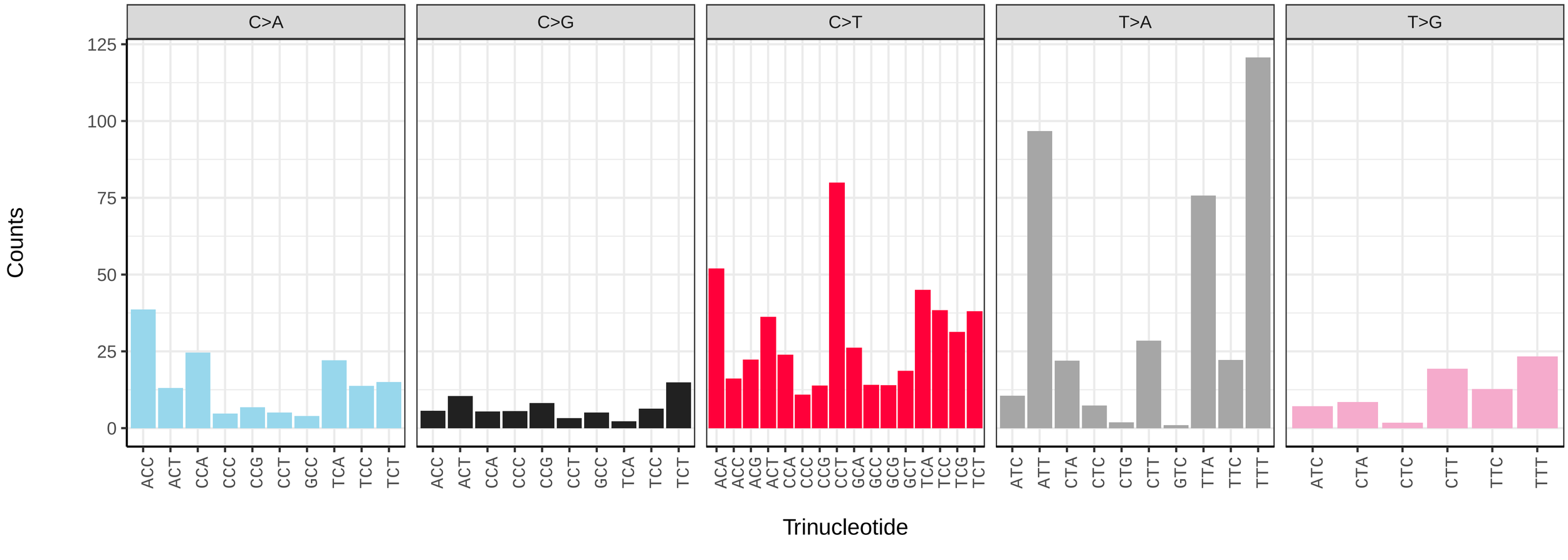
Phlogophora meticulosa (ilPhlMeti2) germline mutational spectrum



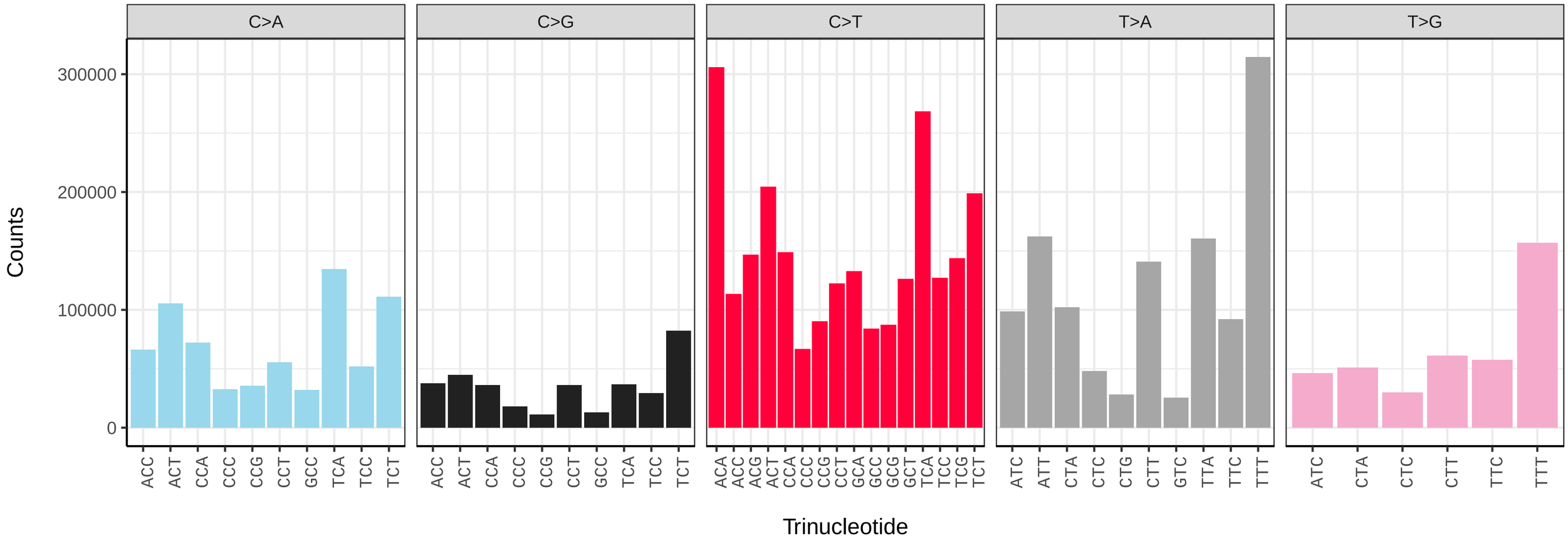
Phlogophora meticulosa (ilPhlMeti2) somatic mutational spectrum (SBS96 classification)



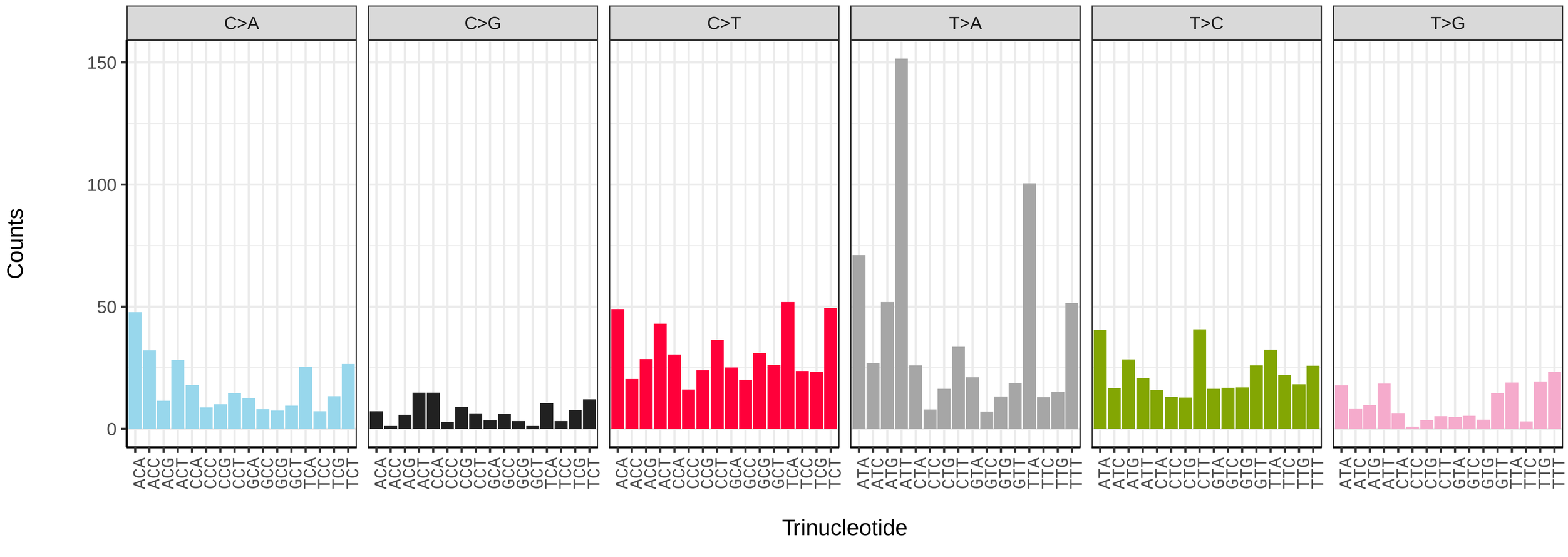
Phlogophora meticulosa (ilPhlMeti2) somatic mutational spectrum (SBS52 classification)



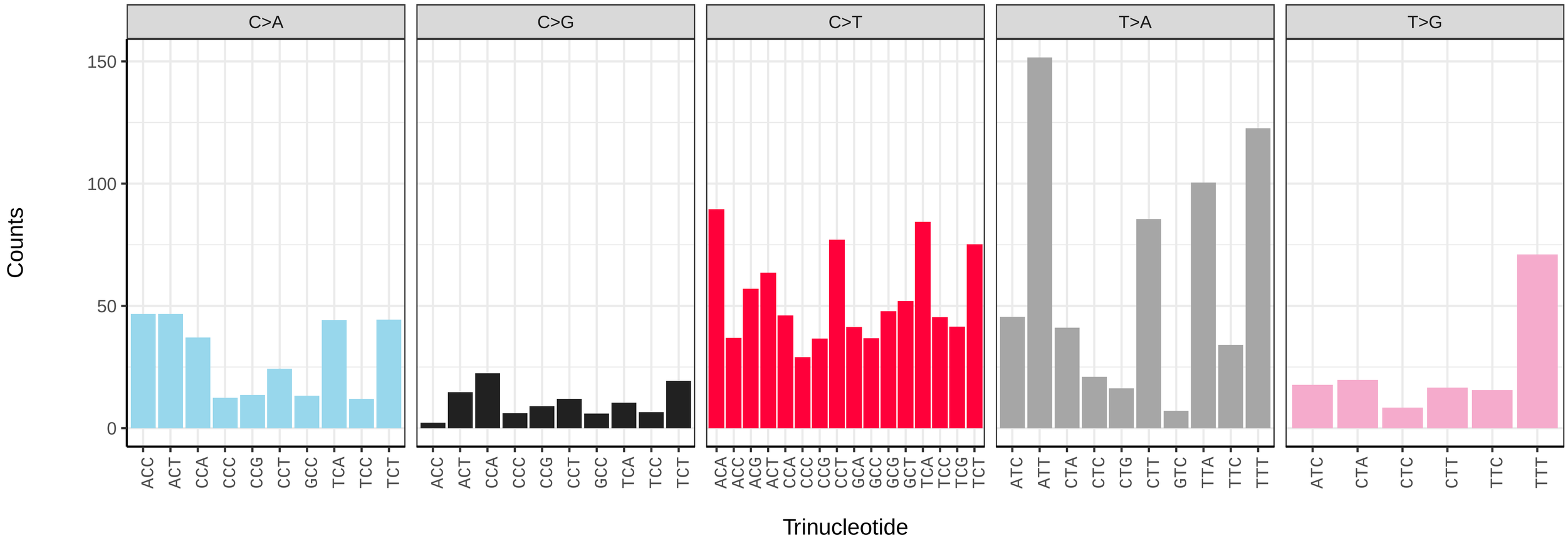
Phragmatobia fuliginosa (ilPhrFuli1) germline mutational spectrum



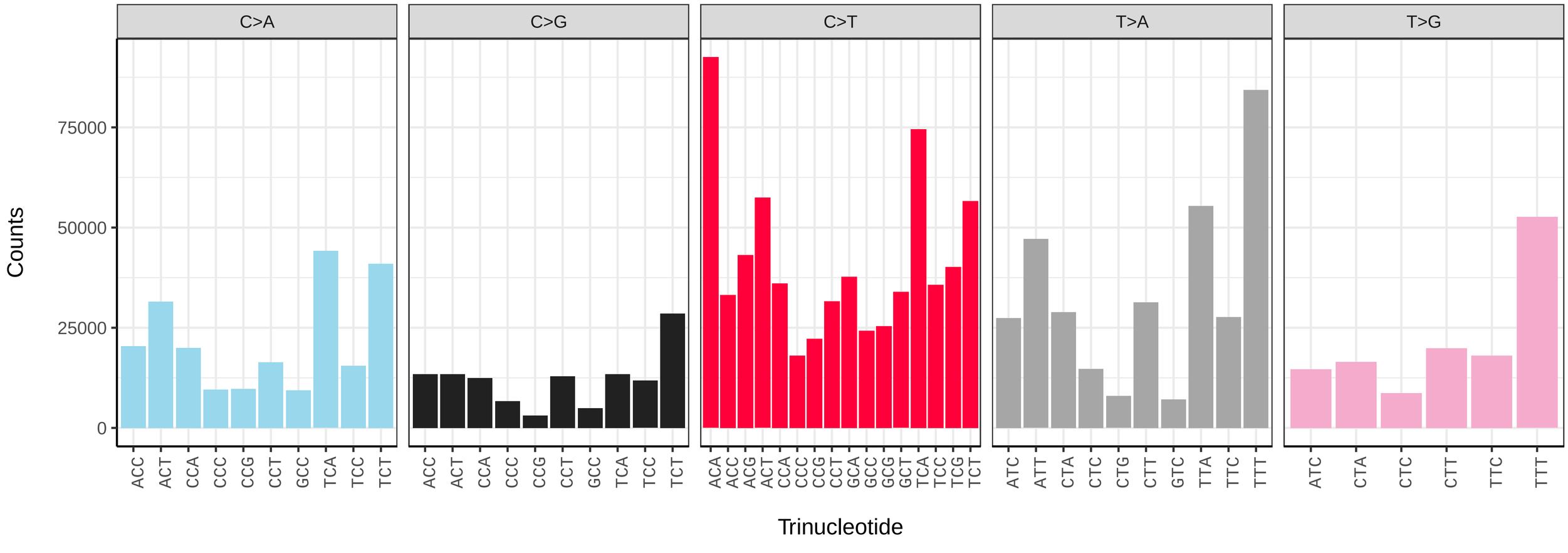
Phragmatobia fuliginosa (ilPhrFuli1) somatic mutational spectrum (SBS96 classification)



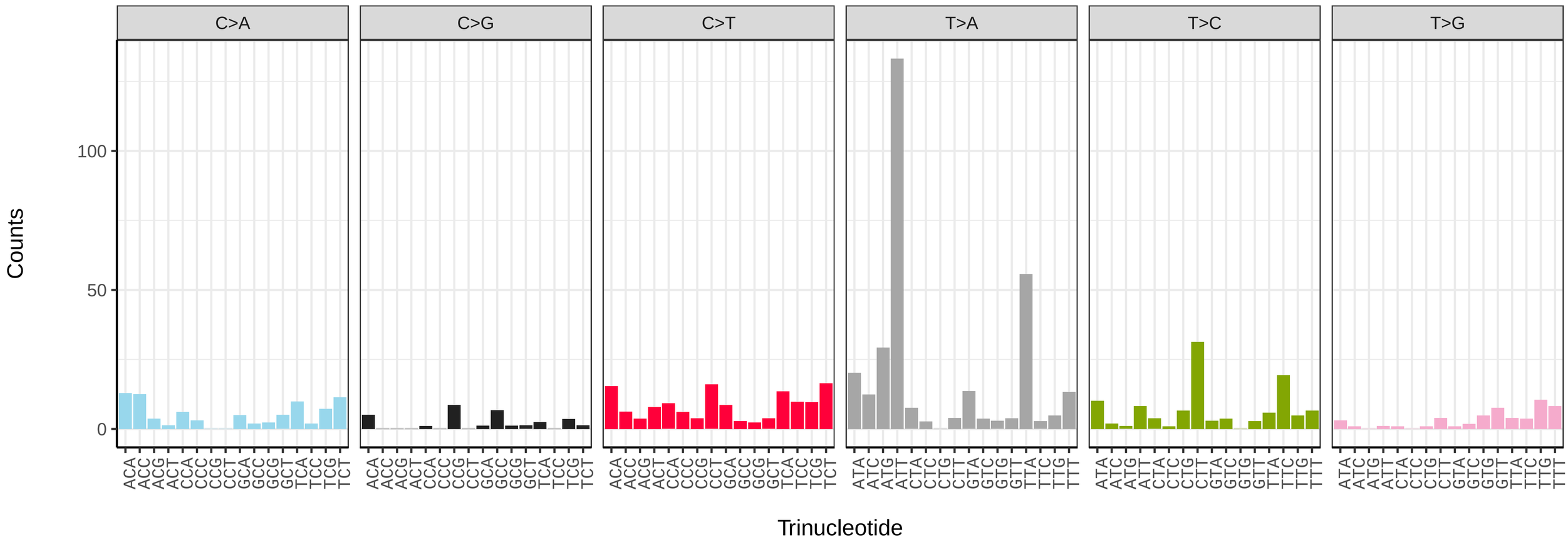
Phragmatobia fuliginosa (ilPhrFuli1) somatic mutational spectrum (SBS52 classification)



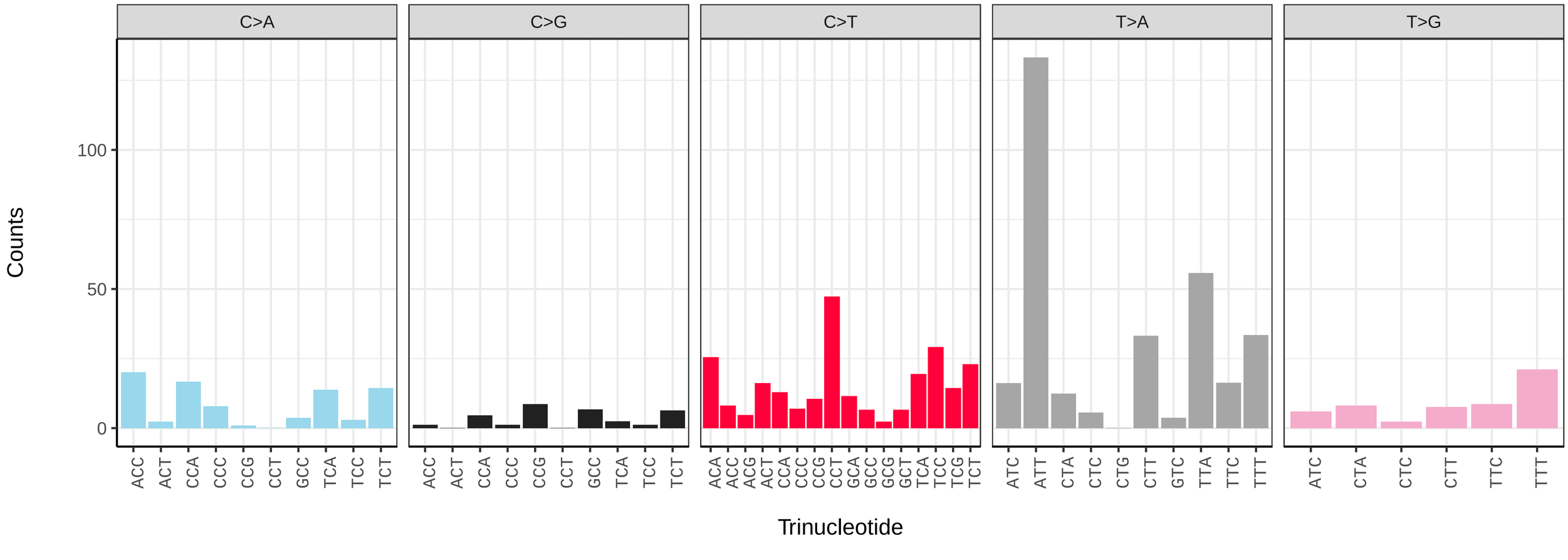
Pieris brassicae (ilPieBrab1) germline mutational spectrum



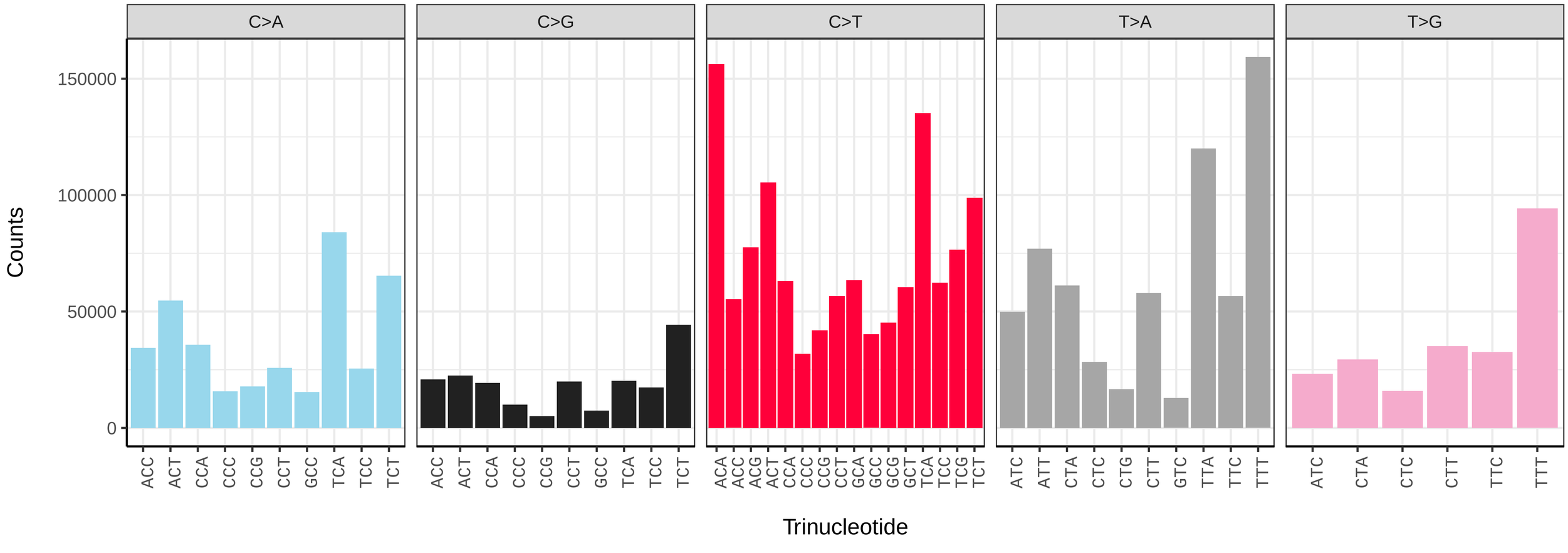
Pieris brassicae (ilPieBrab1) somatic mutational spectrum (SBS96 classification)



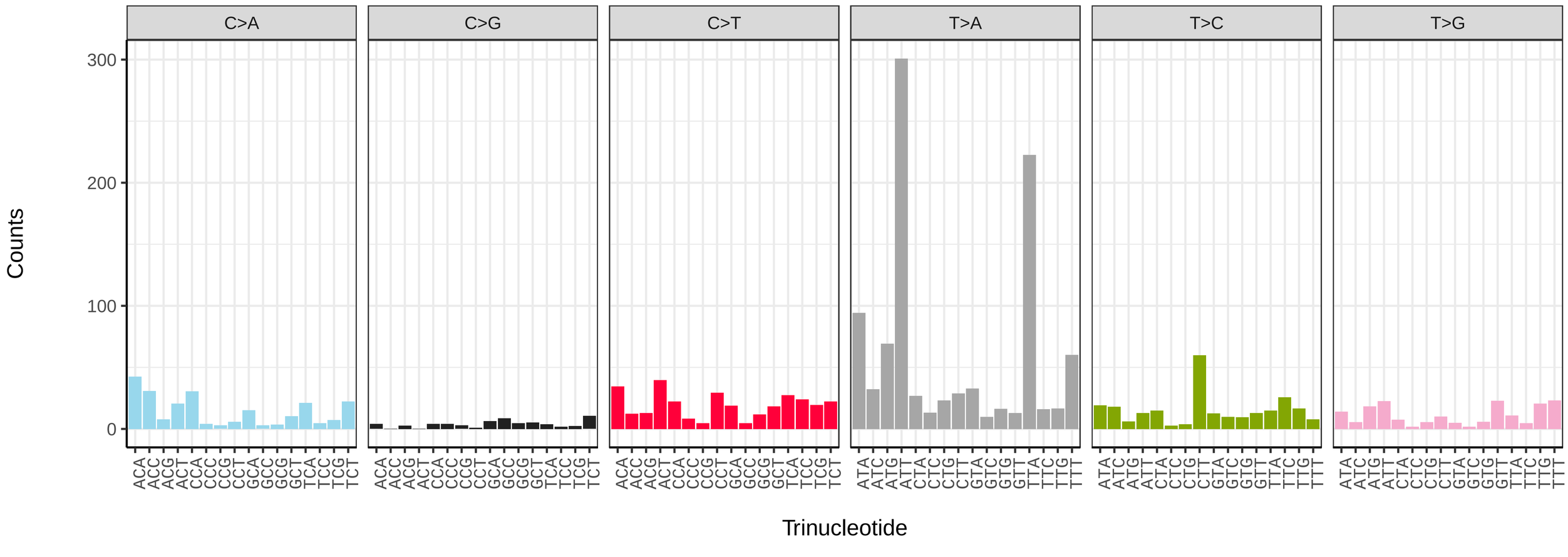
Pieris brassicae (ilPieBrab1) somatic mutational spectrum (SBS52 classification)



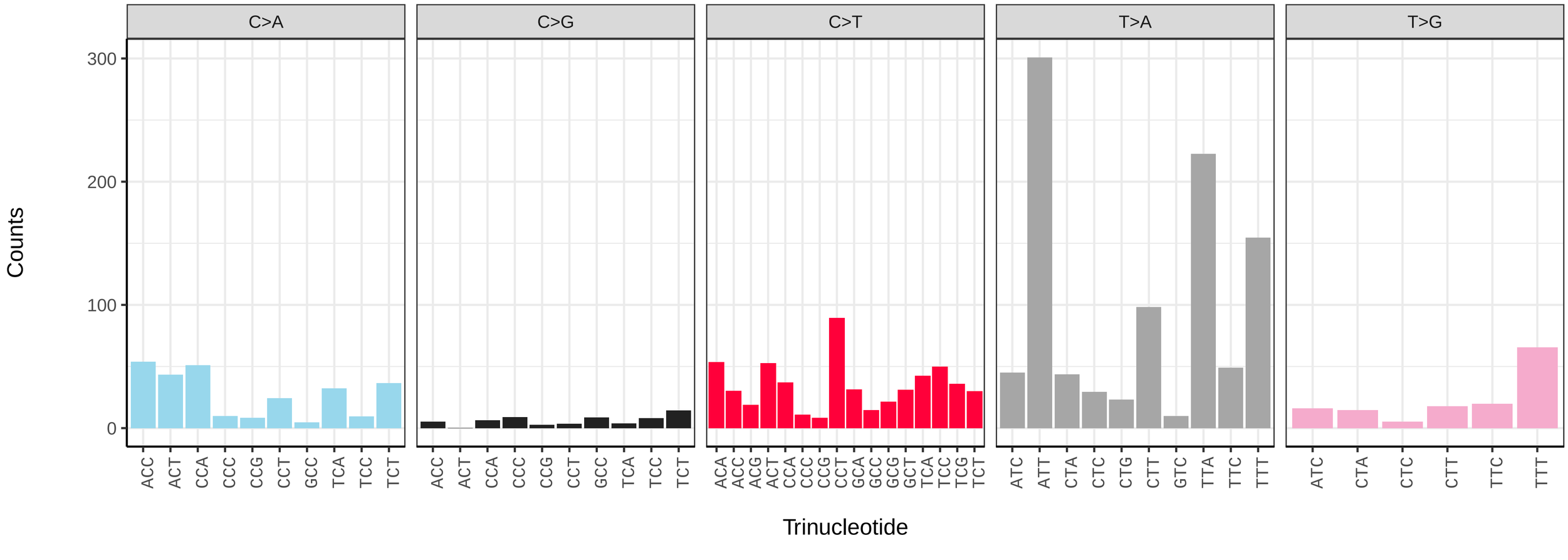
Pieris napi (ilPieNapi4) germline mutational spectrum



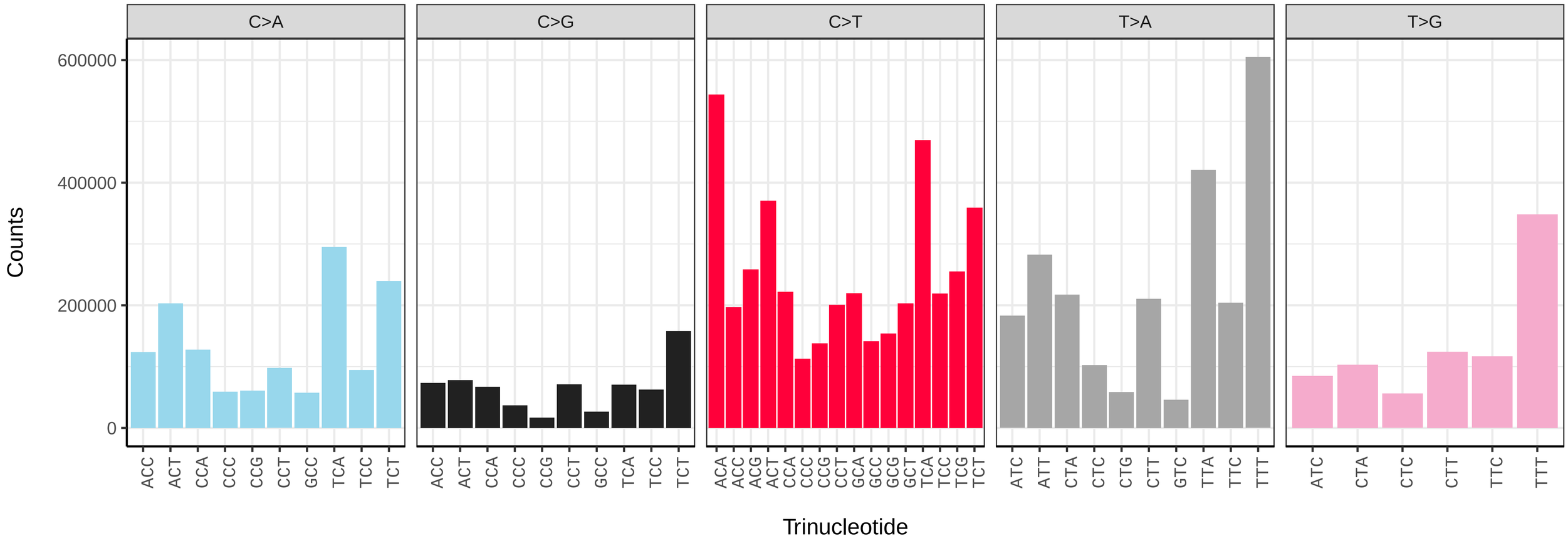
Pieris napi (ilPieNapi4) somatic mutational spectrum (SBS96 classification)



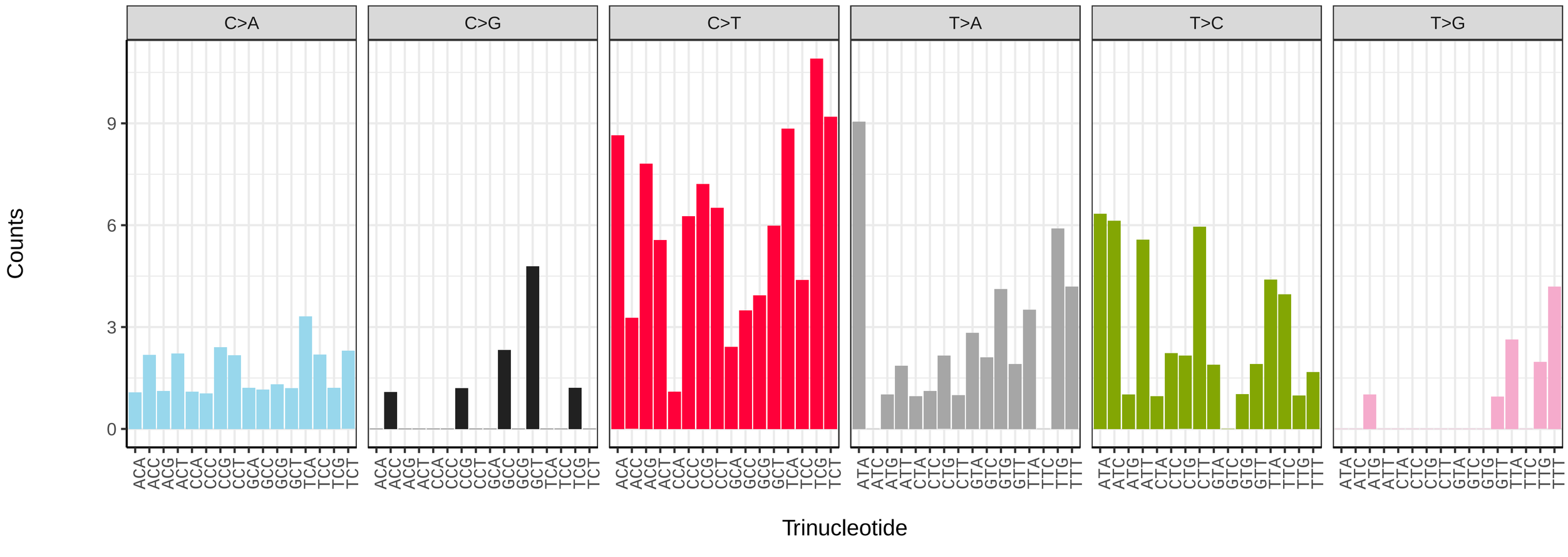
Pieris napi (ilPieNapi4) somatic mutational spectrum (SBS52 classification)



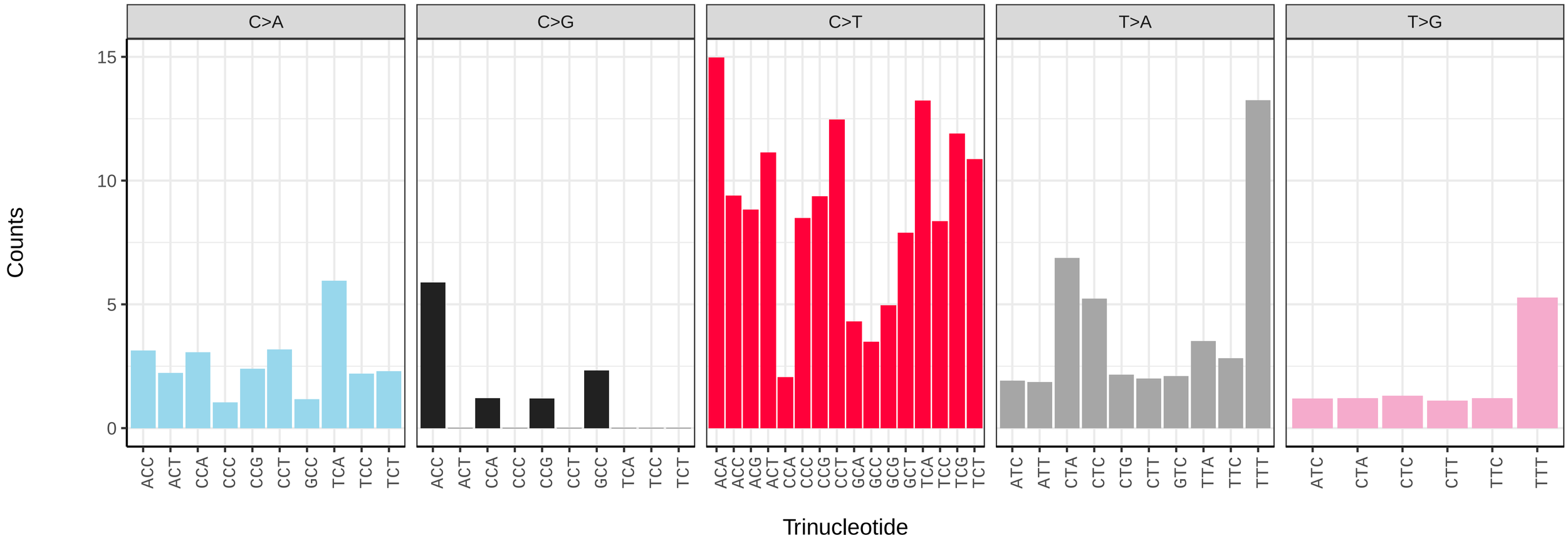
Pieris napi (ilPieNapi4.ilPieNapi1) germline mutational spectrum



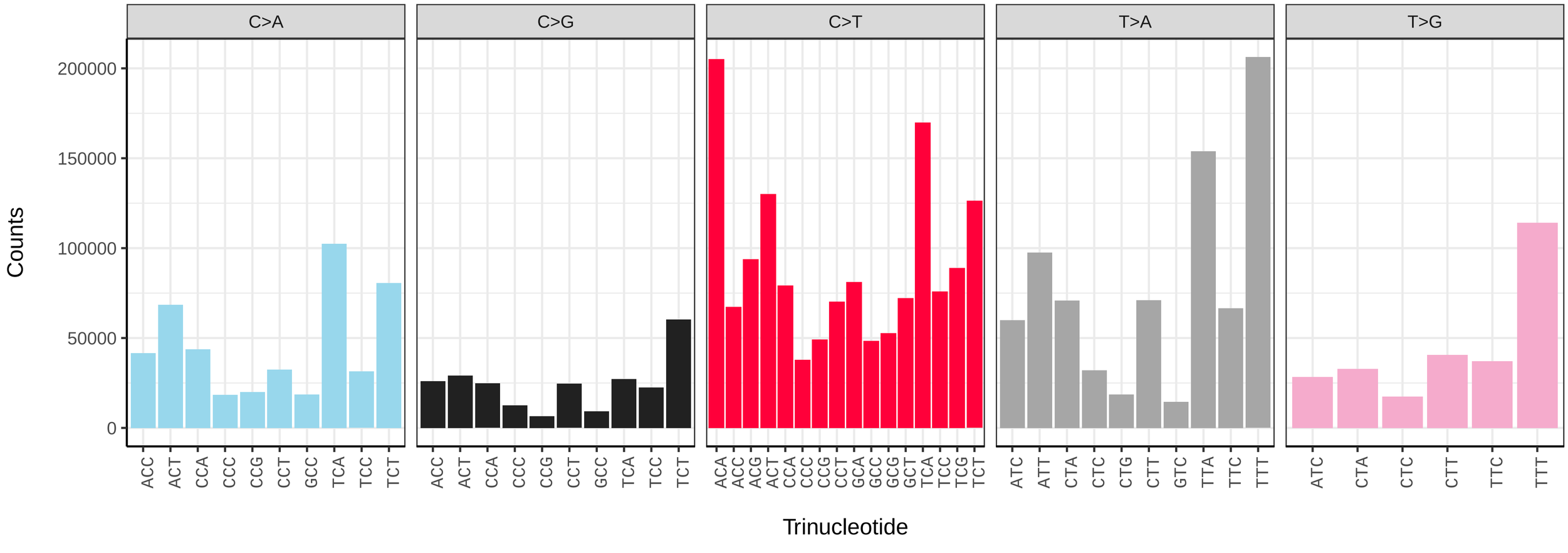
Pieris napi (ilPieNapi4.ilPieNapi1) somatic mutational spectrum (SBS96 classification)



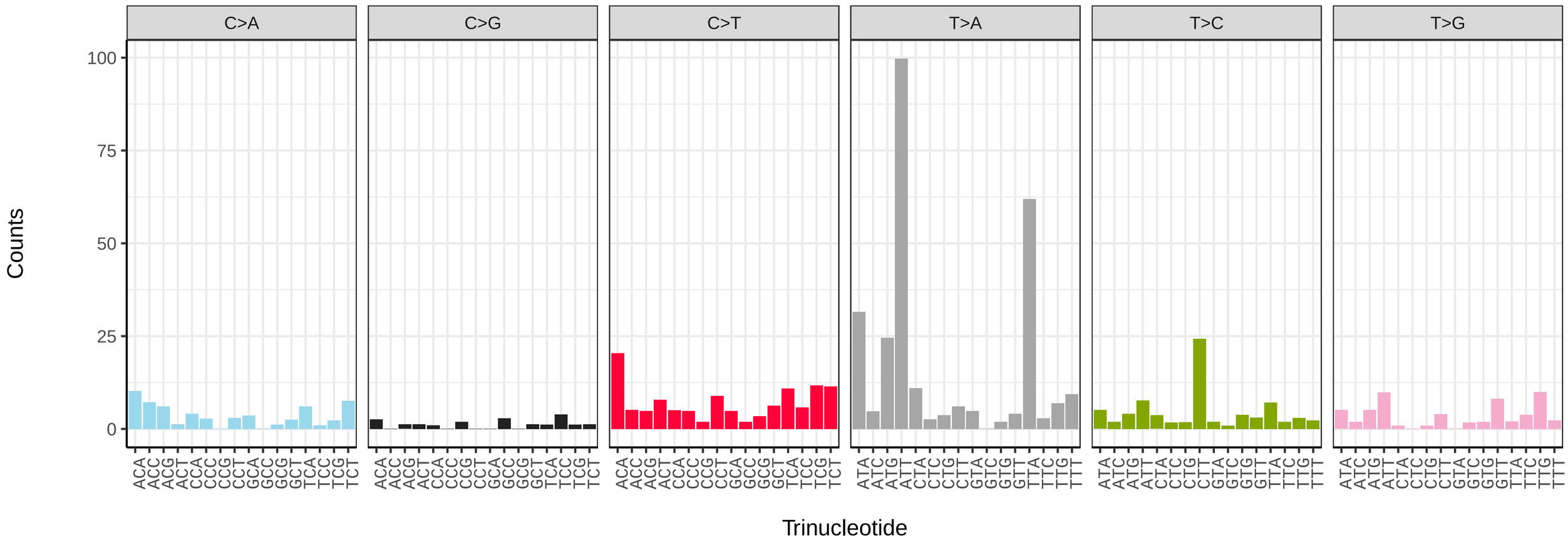
Pieris napi (ilPieNapi4.ilPieNapi1) somatic mutational spectrum (SBS52 classification)



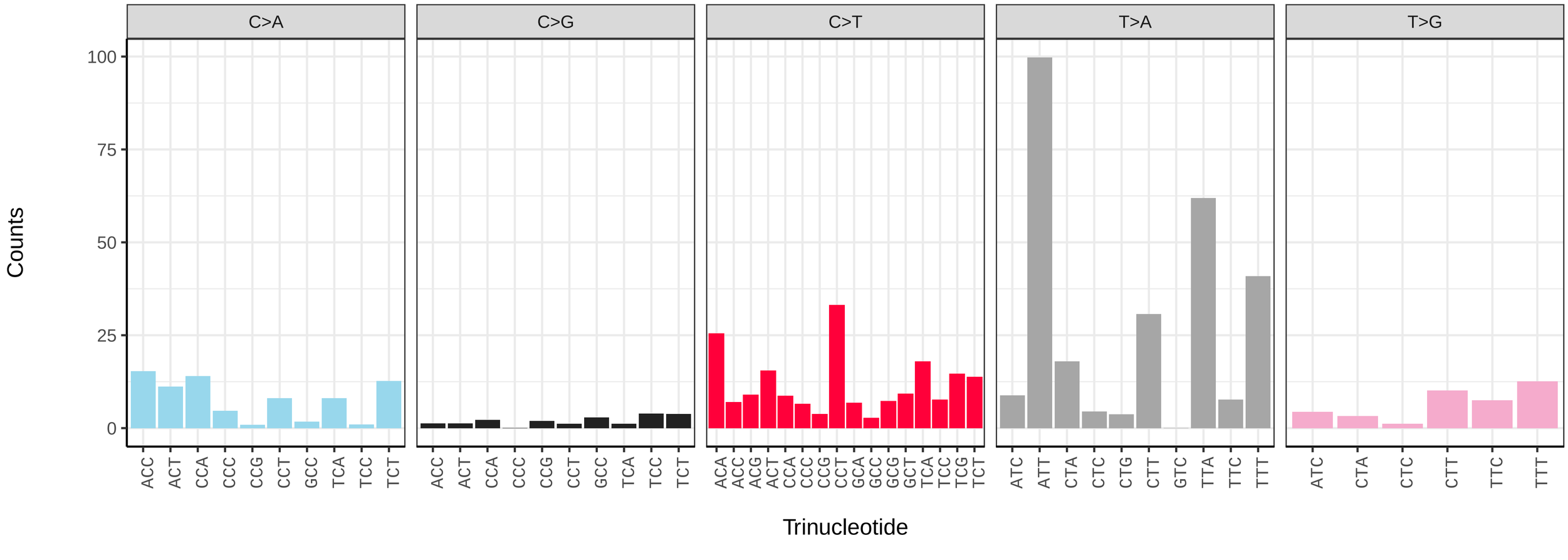
Pieris rapae (ilPieRapa1) germline mutational spectrum



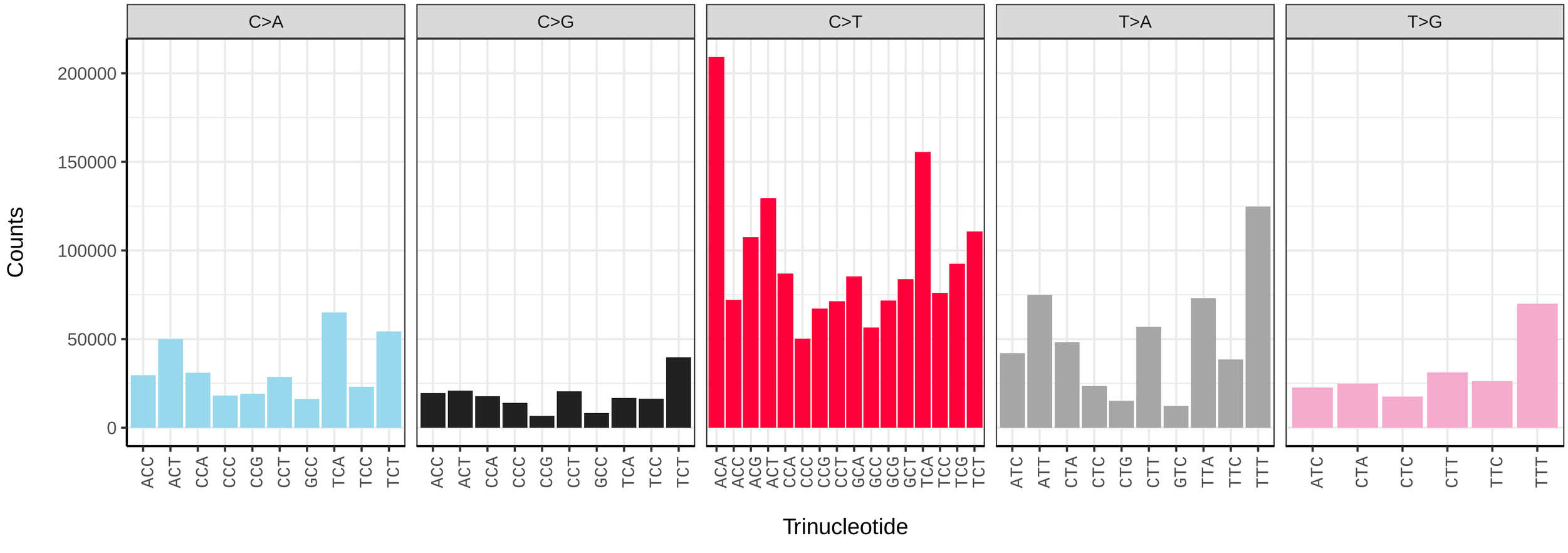
Pieris rapae (ilPieRapa1) somatic mutational spectrum (SBS96 classification)



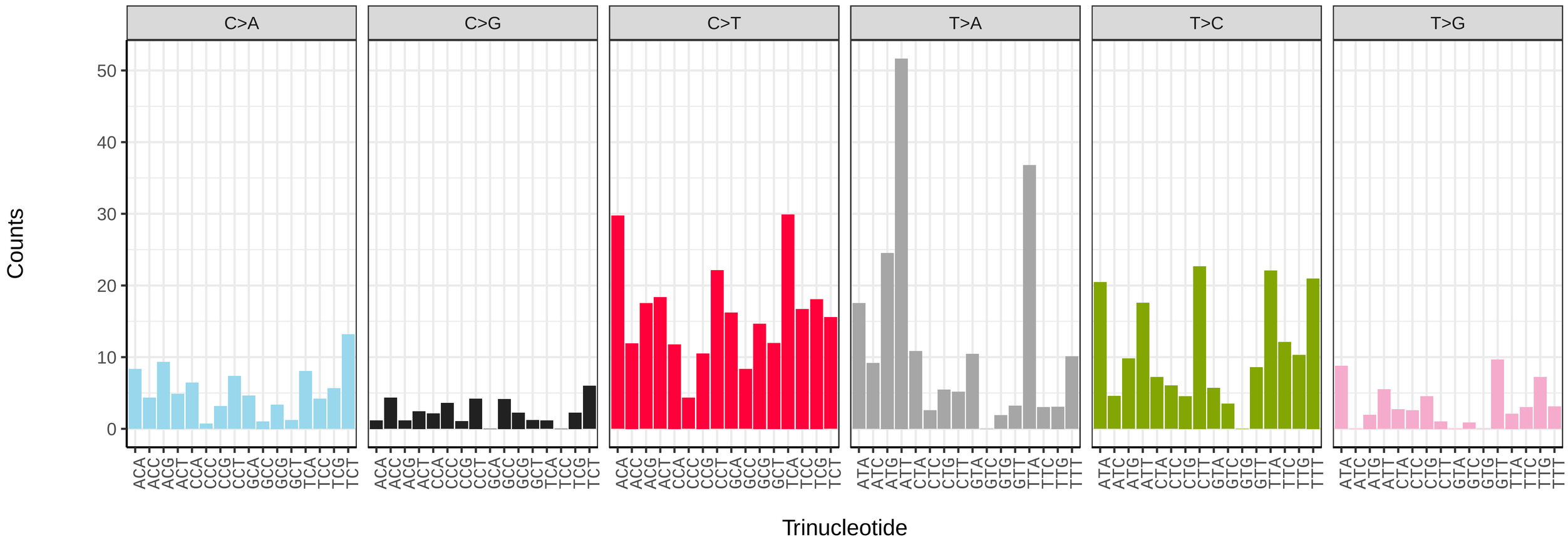
Pieris rapae (ilPieRapa1) somatic mutational spectrum (SBS52 classification)



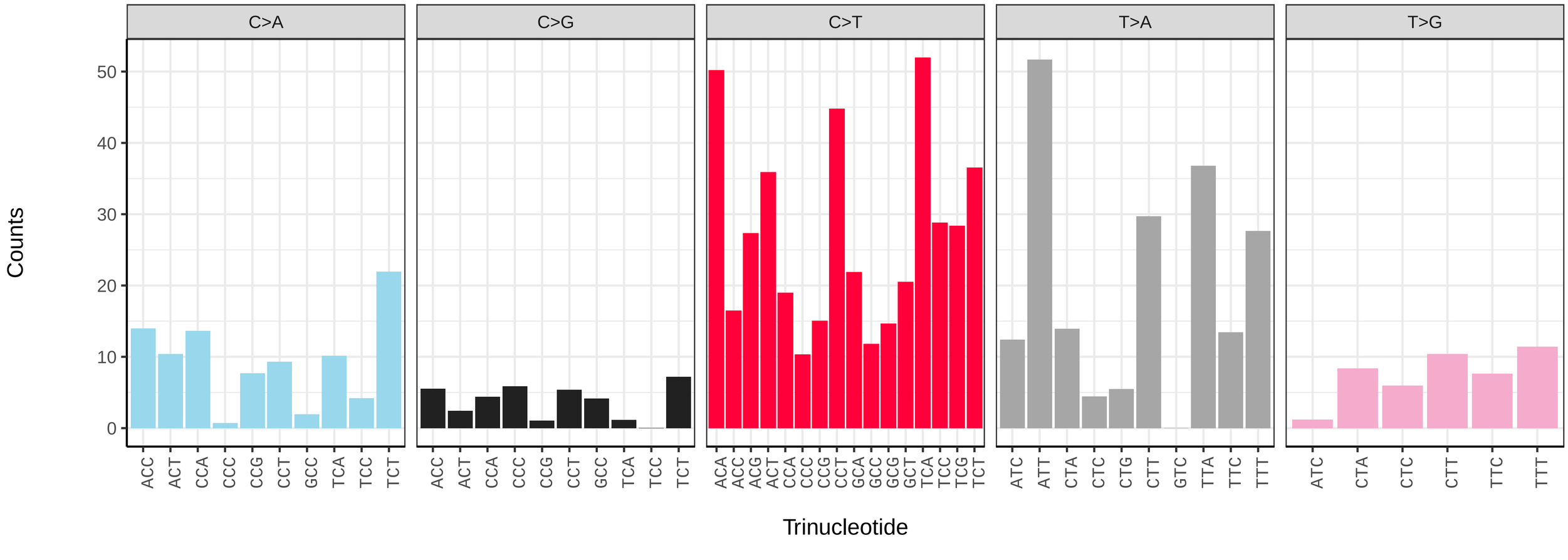
Plebejus argus (ilPleArgu1) germline mutational spectrum



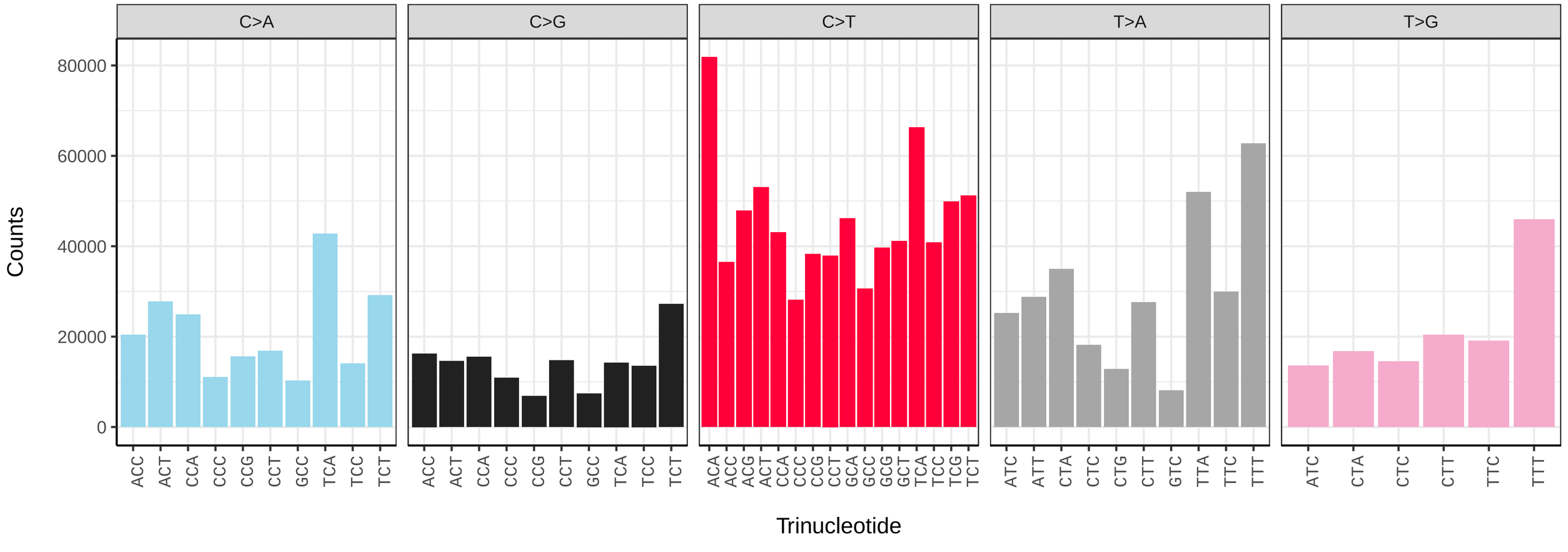
Plebejus argus (ilPleArgu1) somatic mutational spectrum (SBS96 classification)



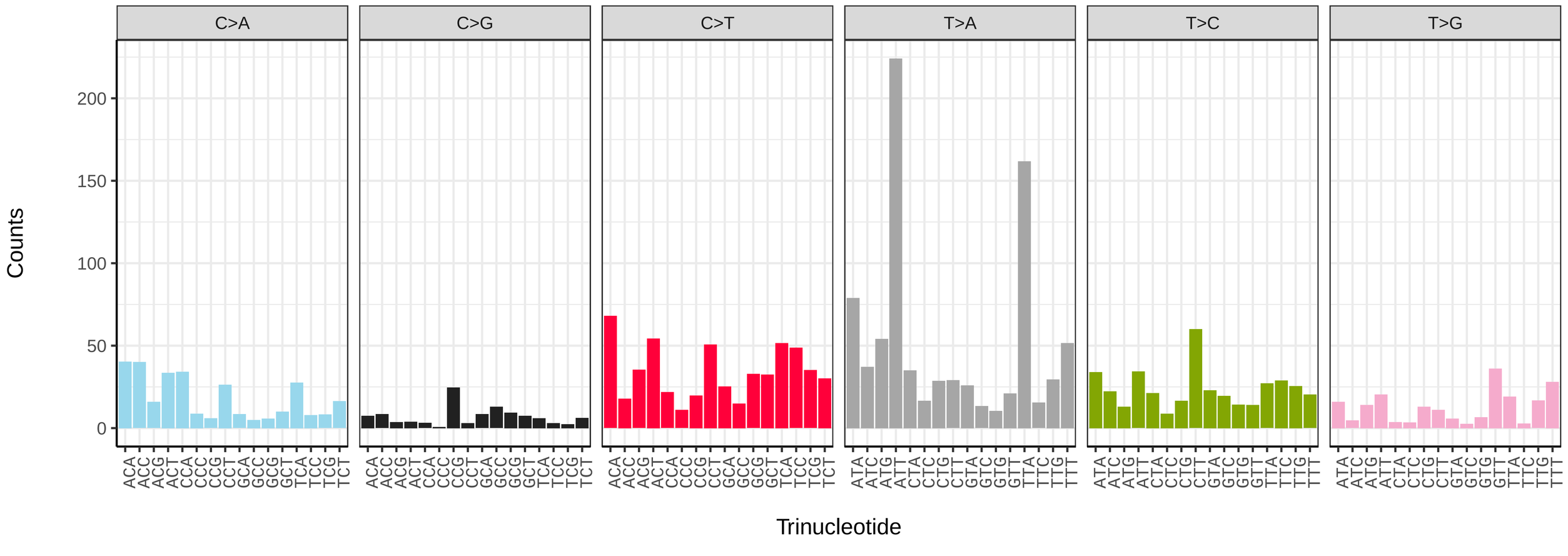
Plebejus argus (ilPleArgu1) somatic mutational spectrum (SBS52 classification)



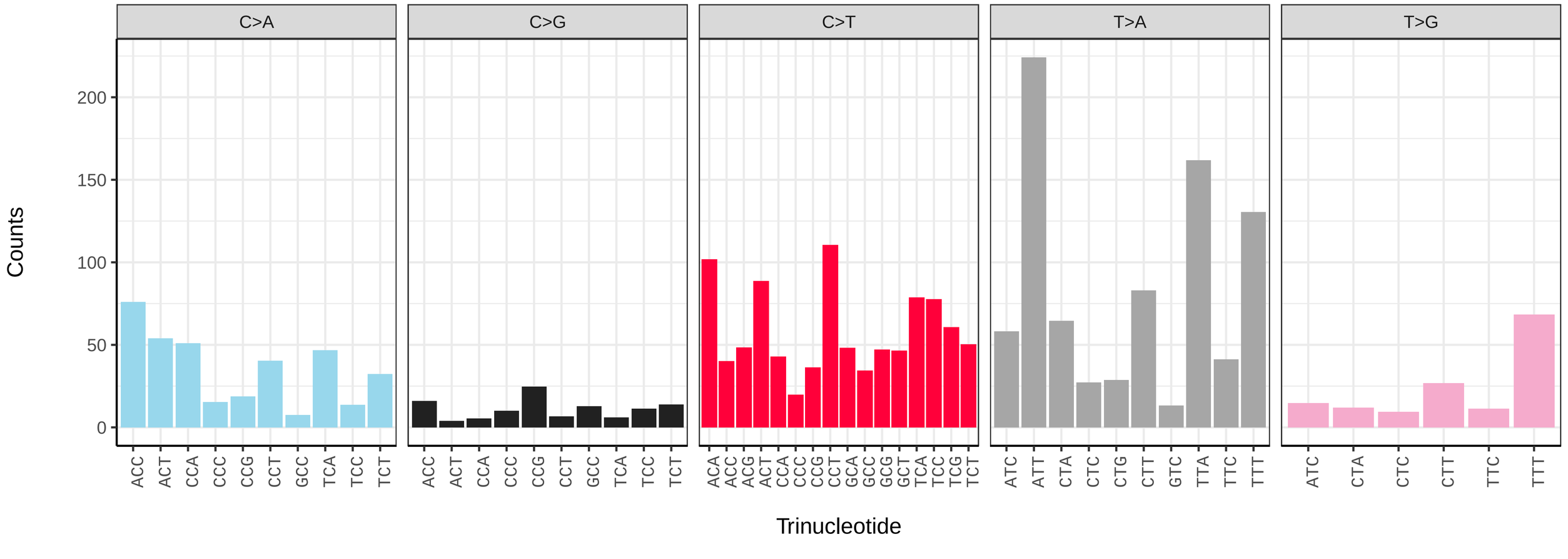
Plutella xylostella (ilPluXylo3) germline mutational spectrum



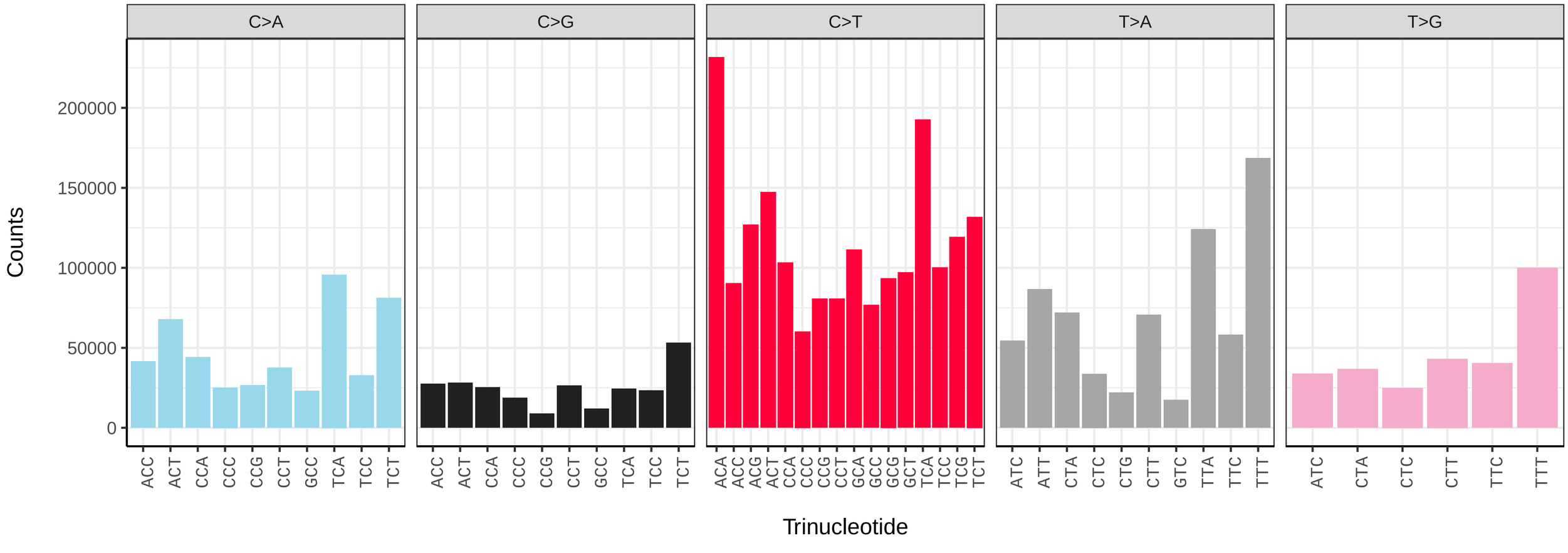
Plutella xylostella (ilPluXylo3) somatic mutational spectrum (SBS96 classification)



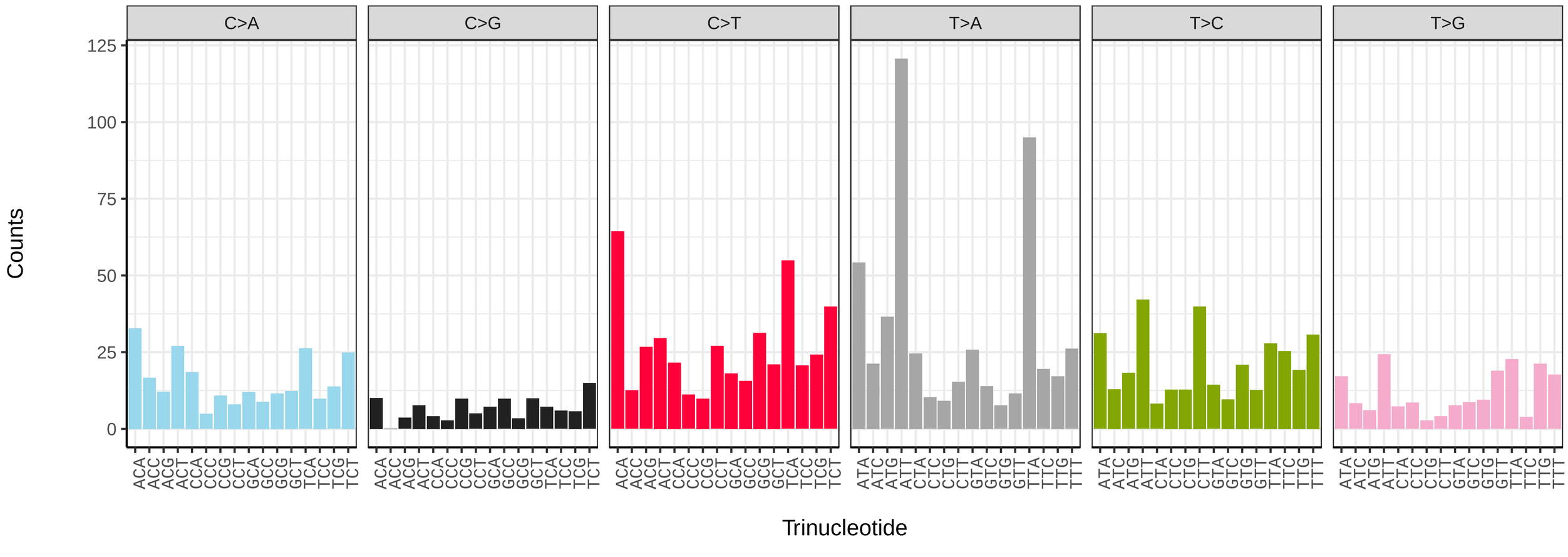
Plutella xylostella (ilPluXylo3) somatic mutational spectrum (SBS52 classification)



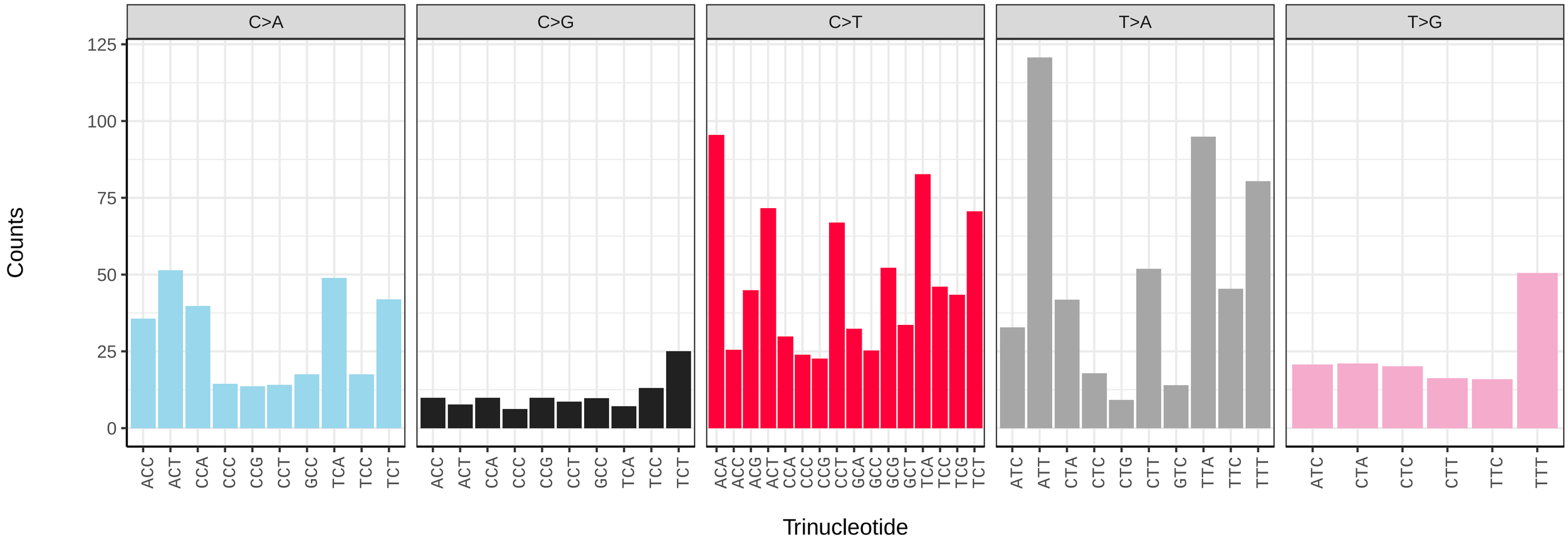
Polyommatus icarus (ilPolIcar1) germline mutational spectrum



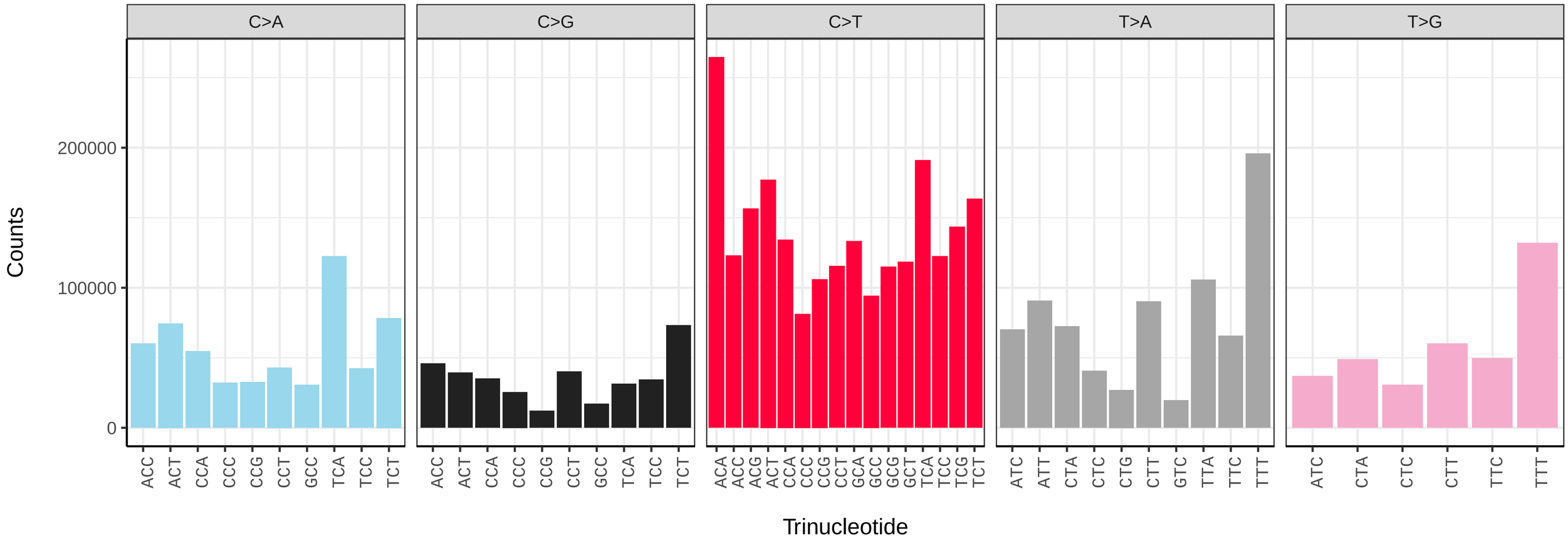
Polyommatus icarus (ilPolIcar1) somatic mutational spectrum (SBS96 classification)



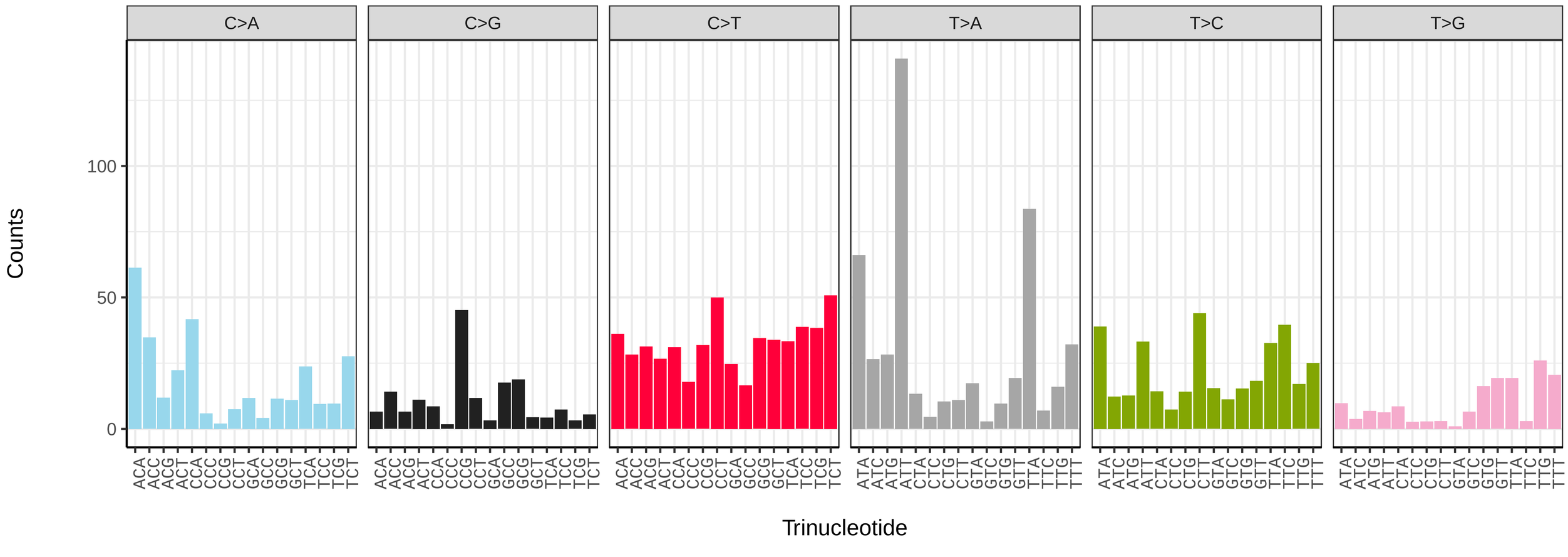
Polyommatus icarus (ilPolIcar1) somatic mutational spectrum (SBS52 classification)



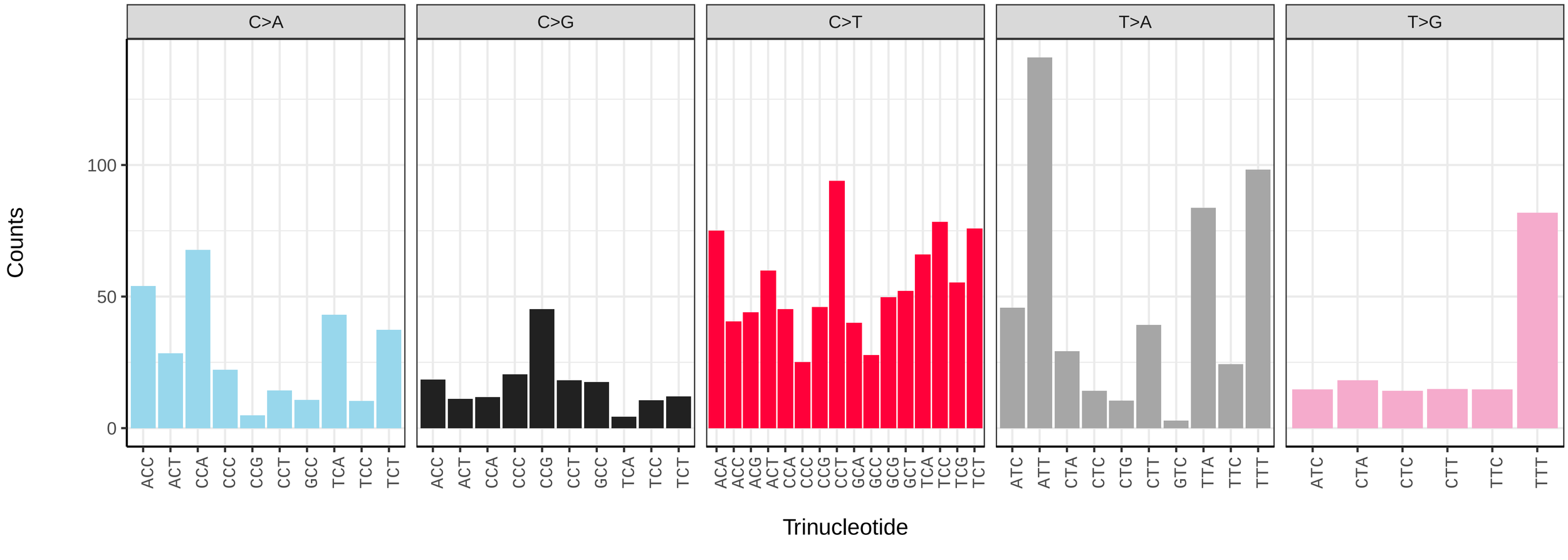
Polymixis lichenea (ilPolLich1) germline mutational spectrum



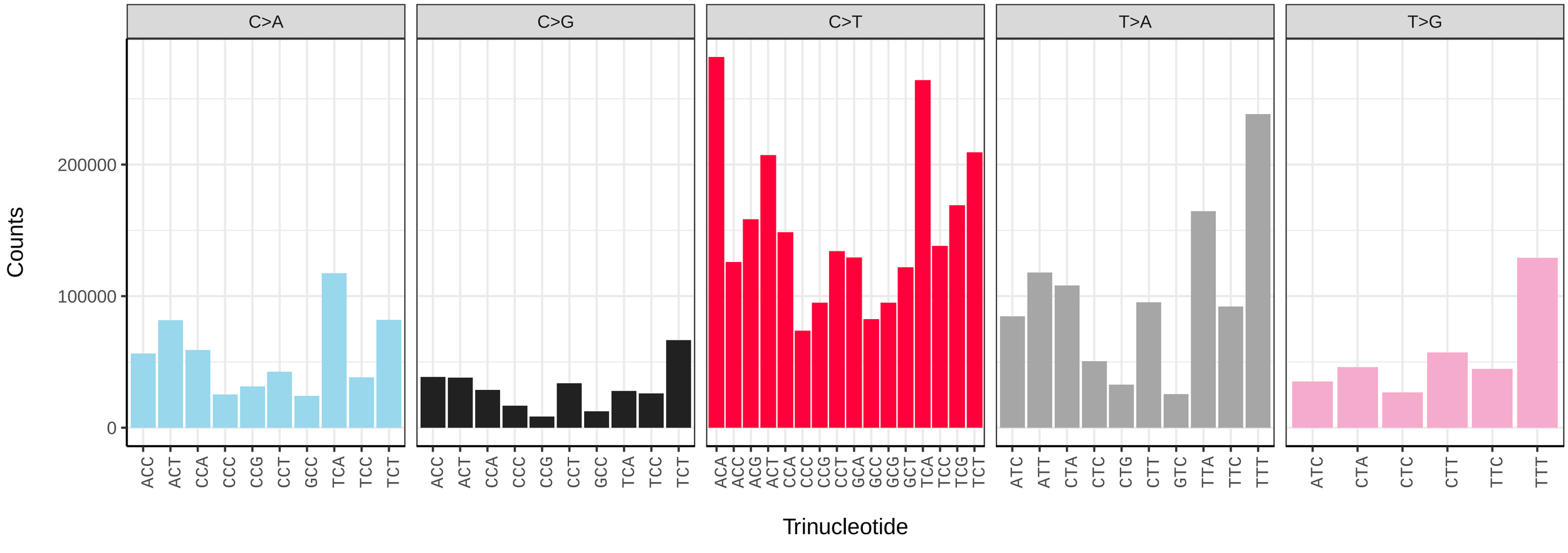
Polymixis lichenea (ilPolLich1) somatic mutational spectrum (SBS96 classification)



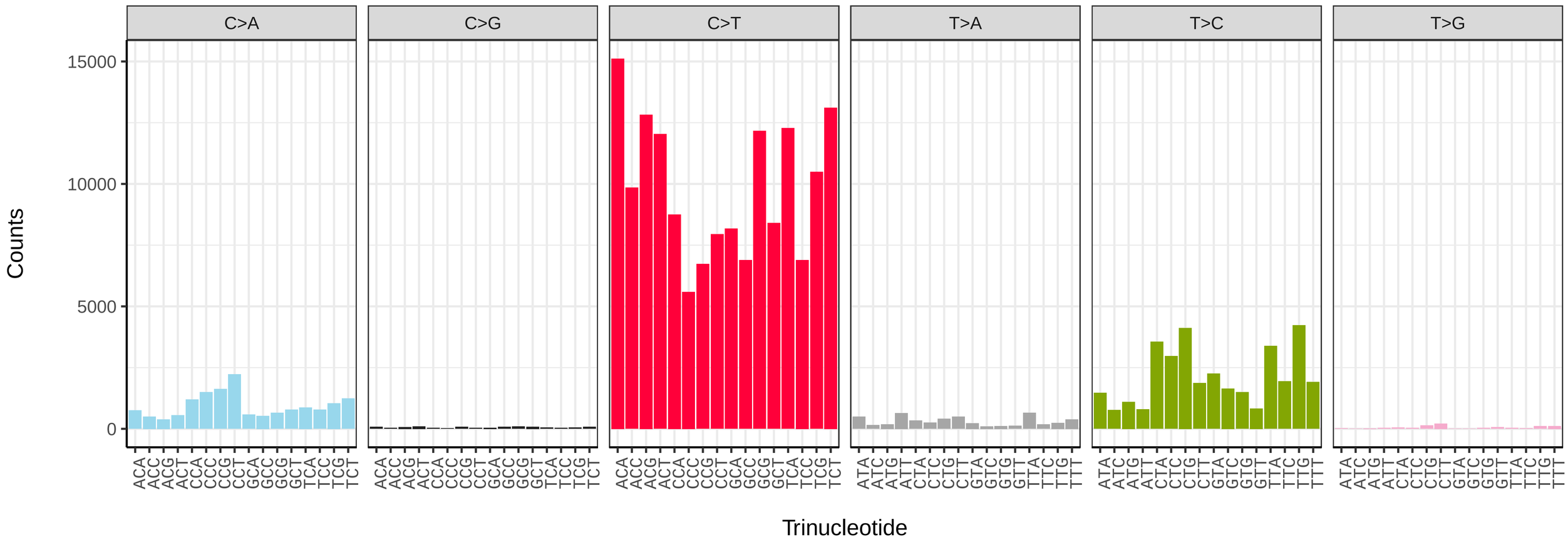
Polymixis lichenea (ilPolLich1) somatic mutational spectrum (SBS52 classification)



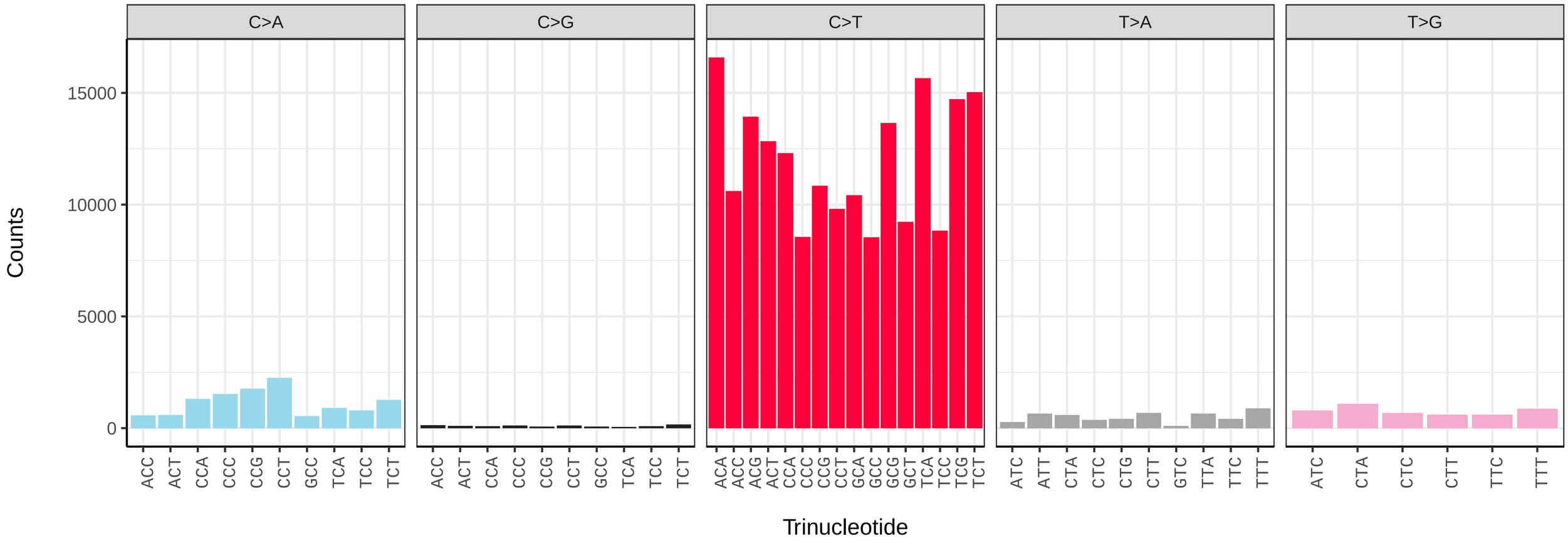
Protodeltote pygarga (ilProPyga1) germline mutational spectrum



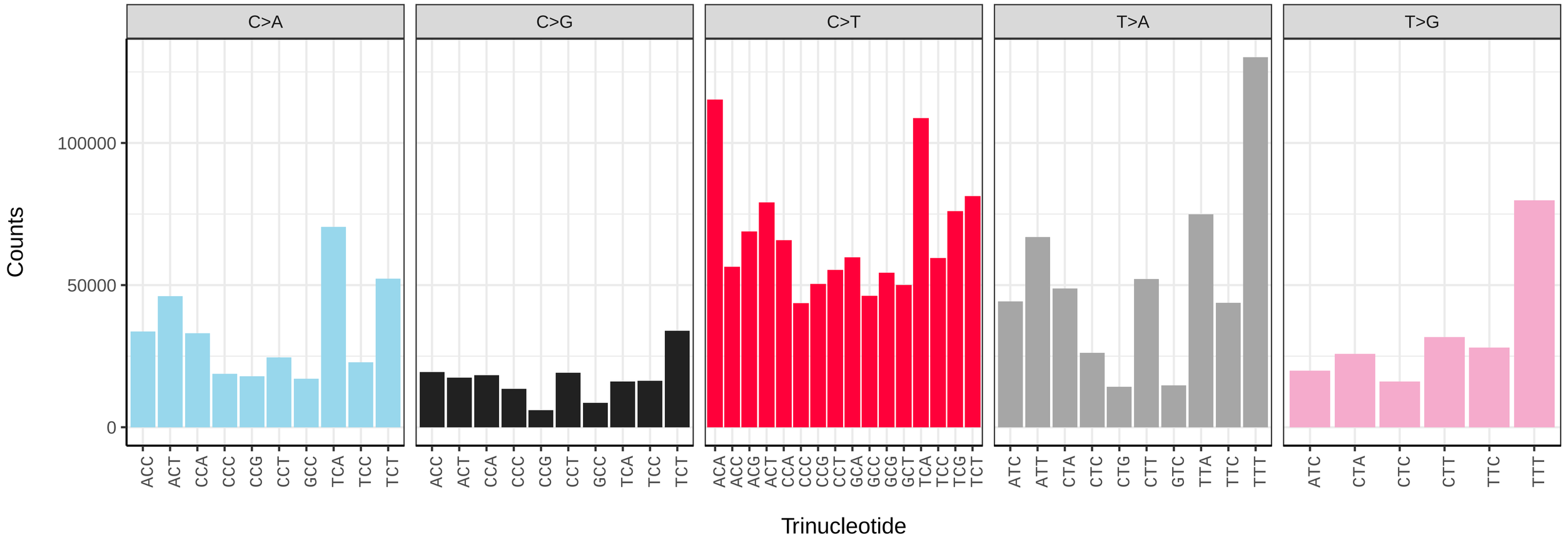
Protodeltote pygarga (ilProPyga1) somatic mutational spectrum (SBS96 classification)



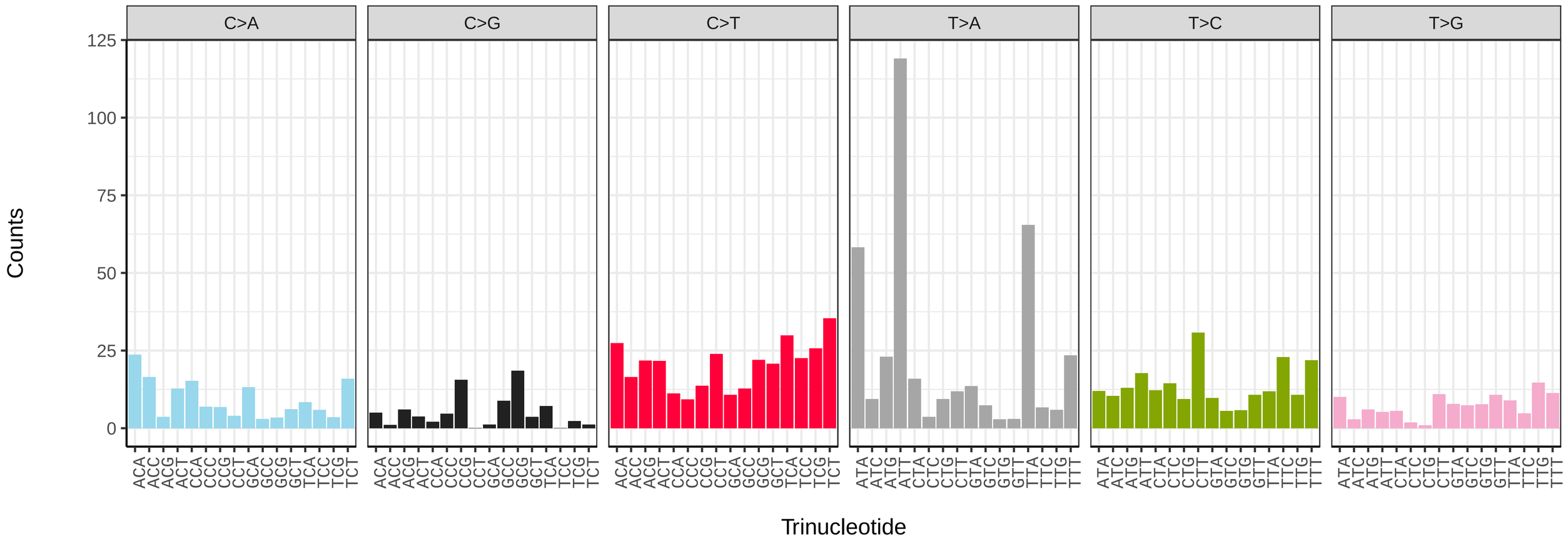
Protodeltote pygarga (ilProPyga1) somatic mutational spectrum (SBS52 classification)



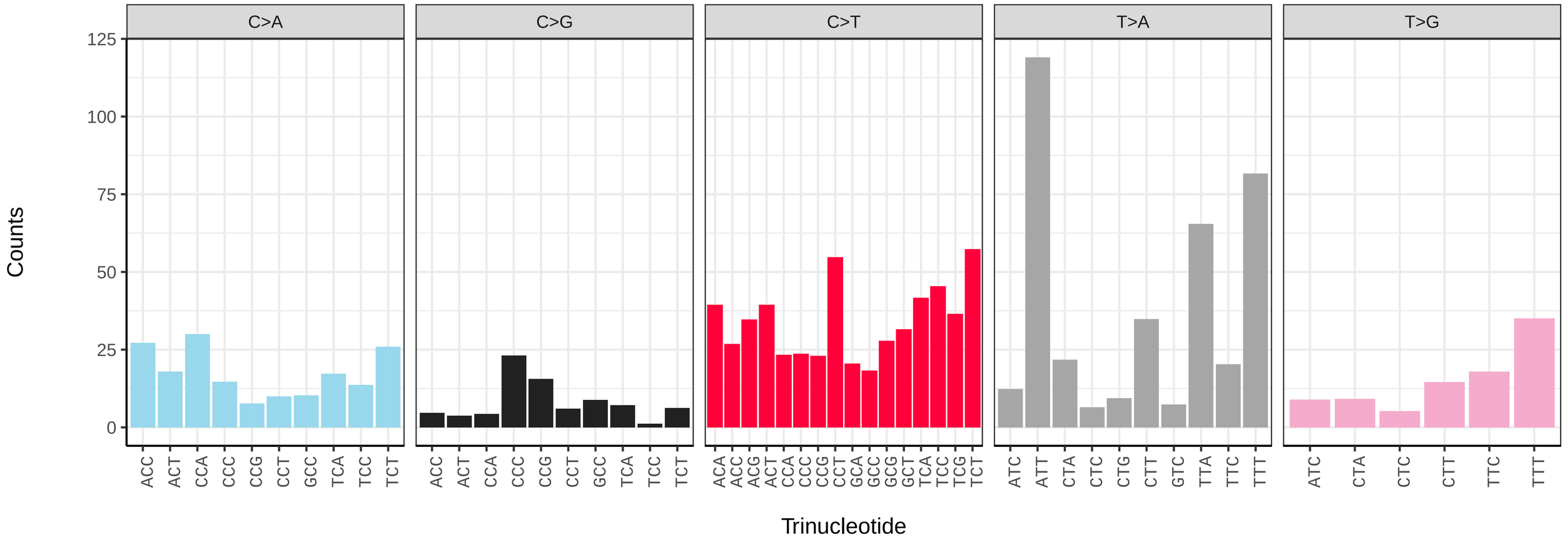
Ptilodon capucinus (ilPtiCapc1) germline mutational spectrum



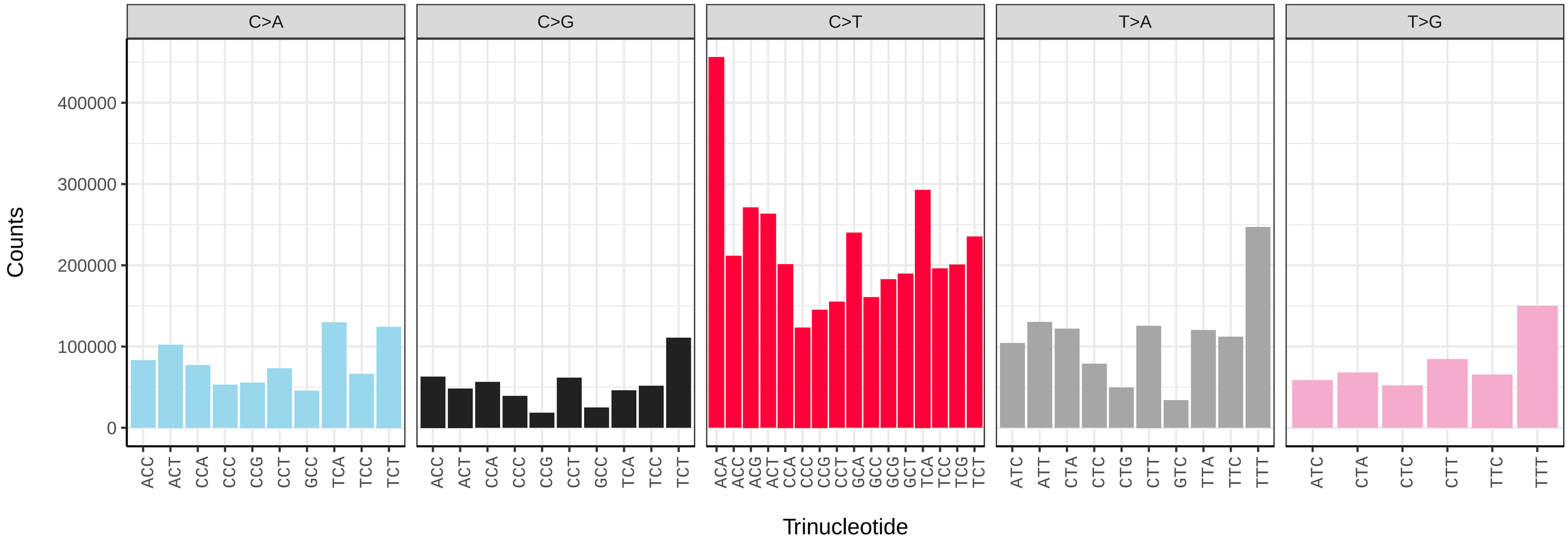
Ptilodon capucinus (ilPtiCapc1) somatic mutational spectrum (SBS96 classification)



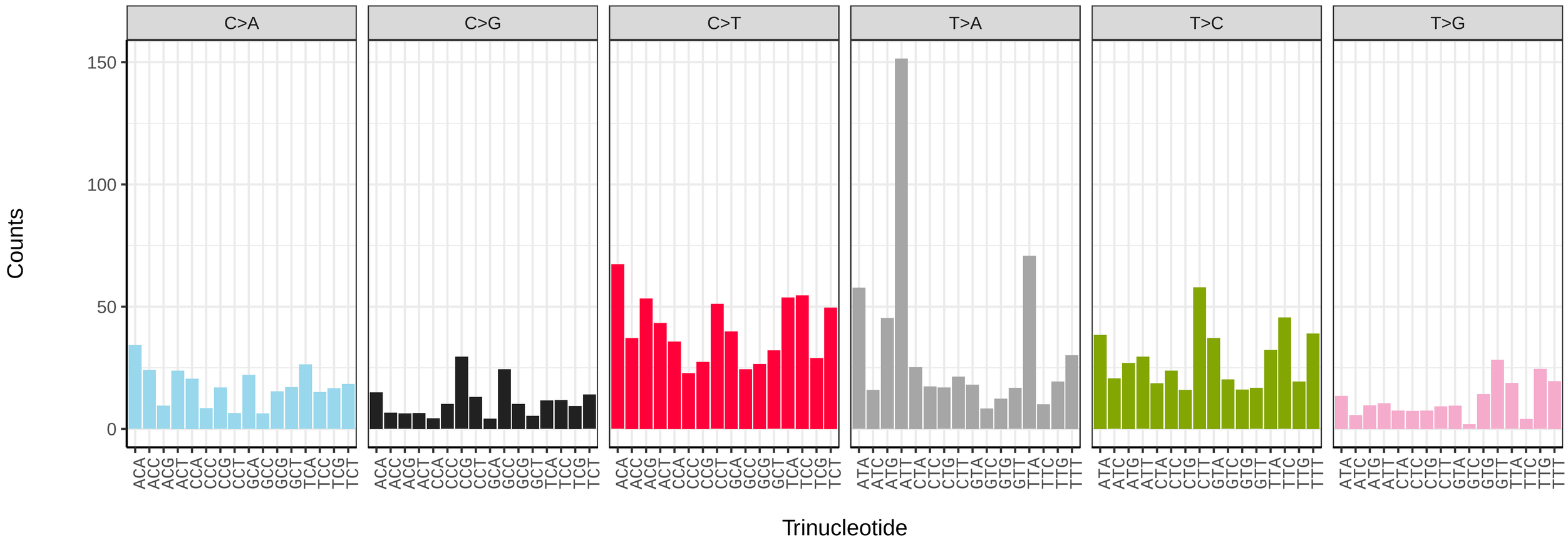
Ptilodon capucinus (ilPtiCapc1) somatic mutational spectrum (SBS52 classification)



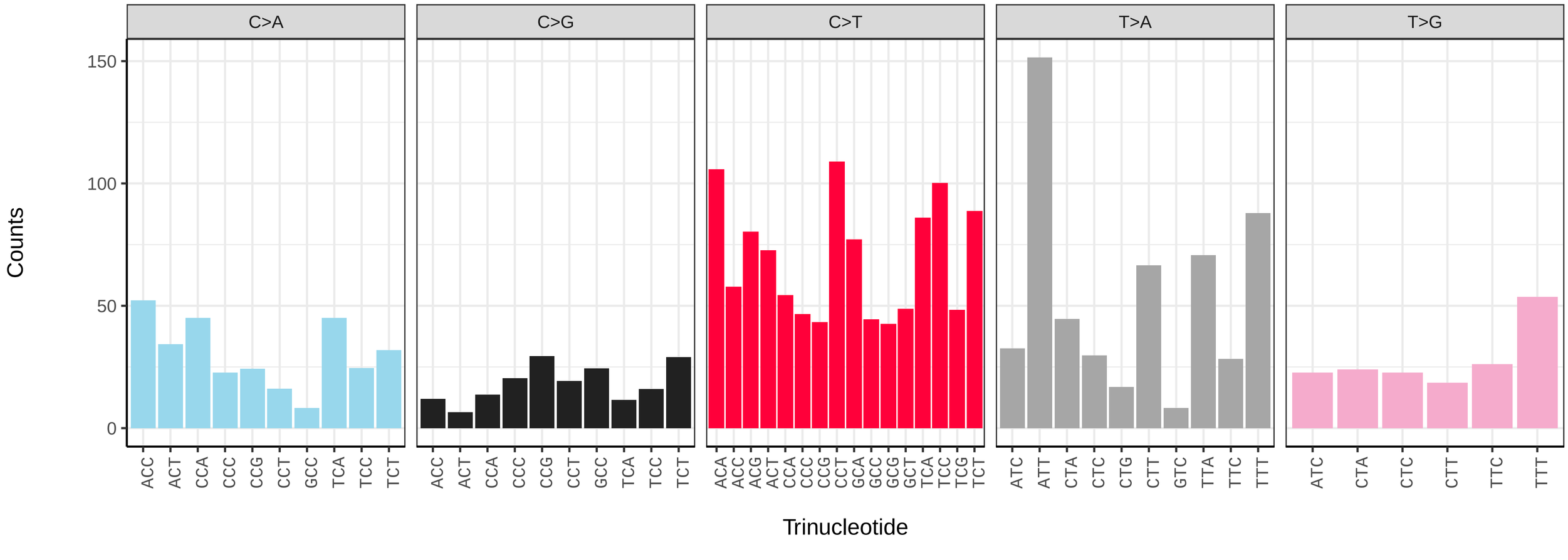
Pyralis farinalis (ilPyrFari1) germline mutational spectrum



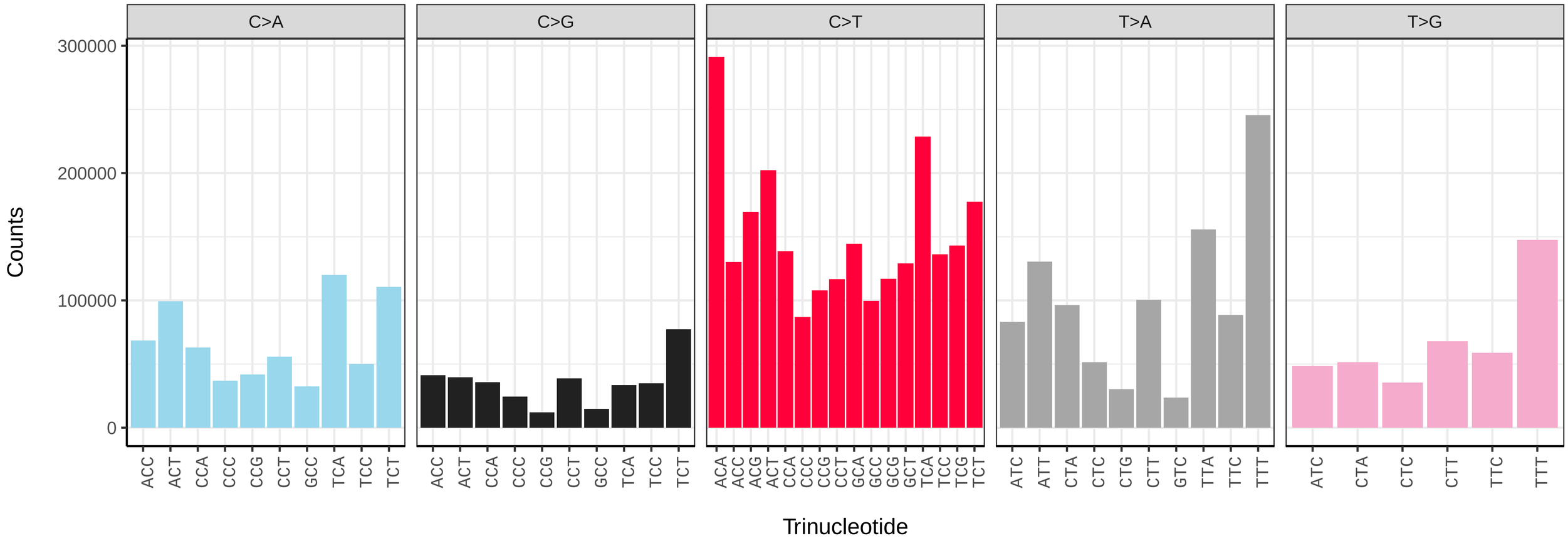
Pyralis farinalis (ilPyrFari1) somatic mutational spectrum (SBS96 classification)



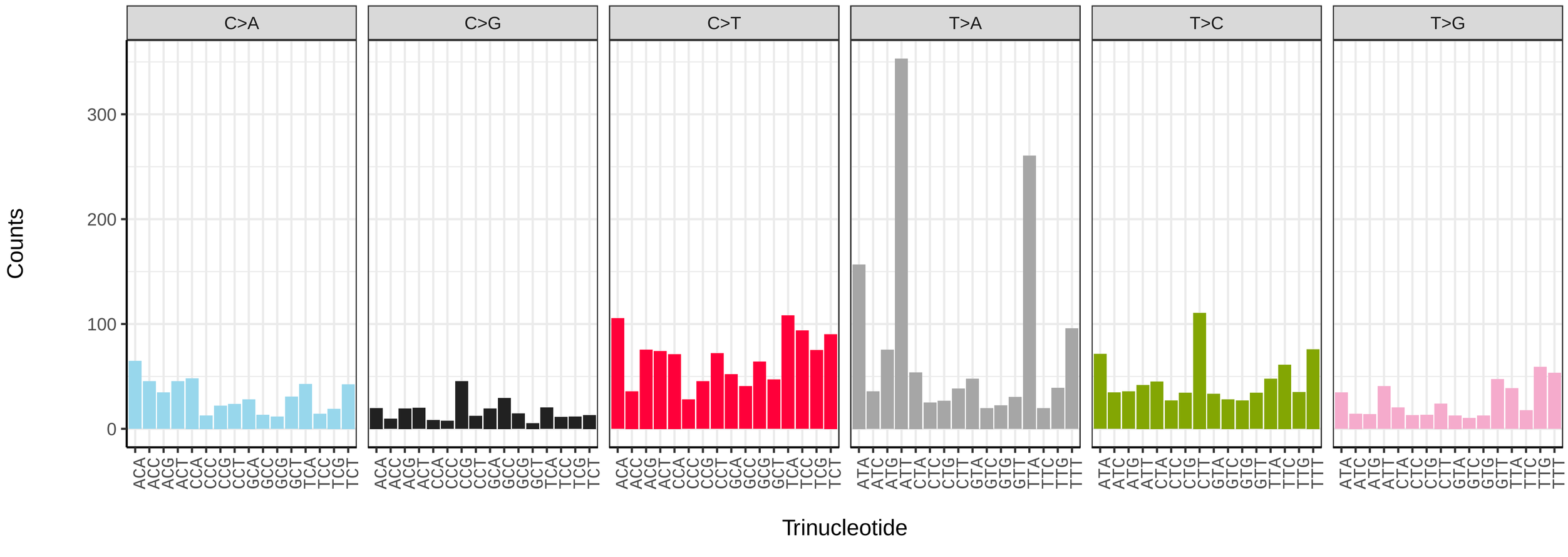
Pyralis farinalis (ilPyrFari1) somatic mutational spectrum (SBS52 classification)



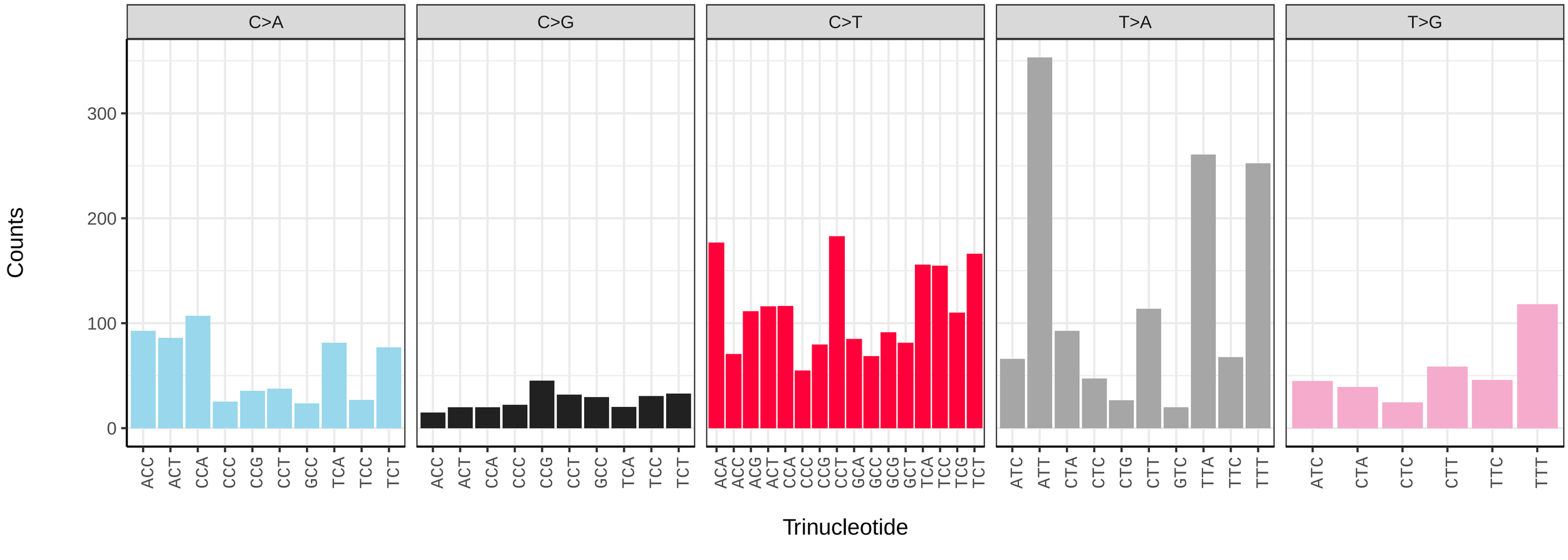
Pyrgus malvae (ilPyrMalv3) germline mutational spectrum



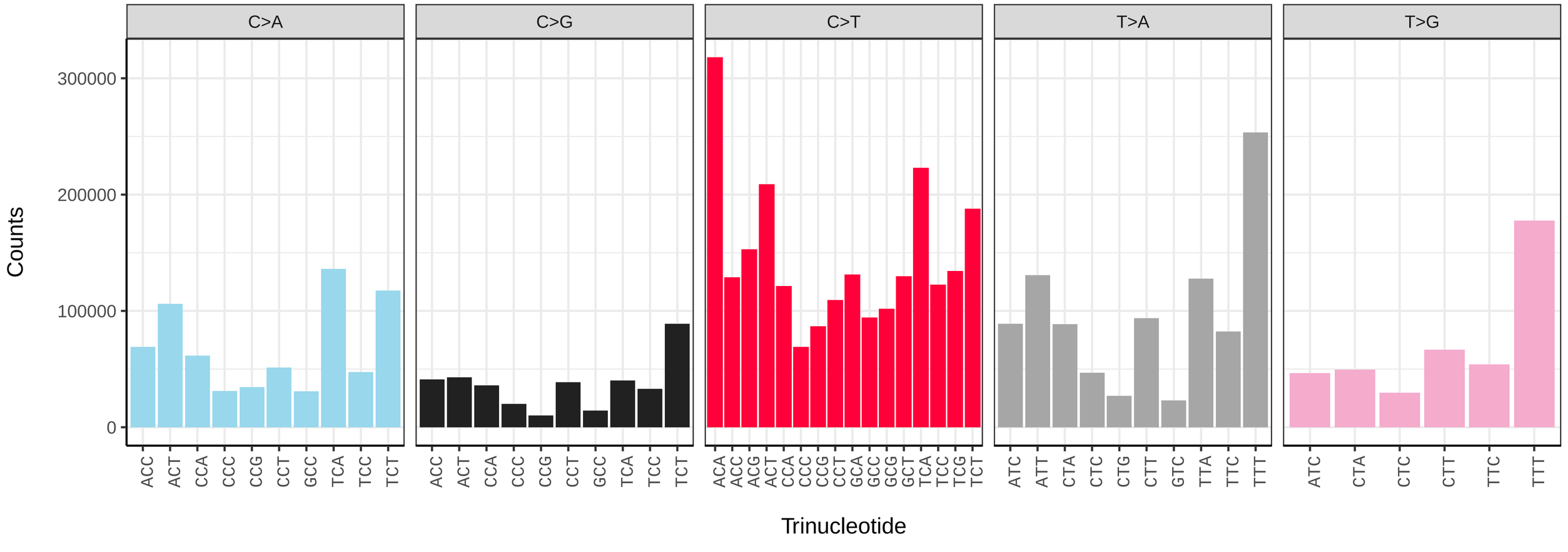
Pyrgus malvae (ilPyrMalv3) somatic mutational spectrum (SBS96 classification)



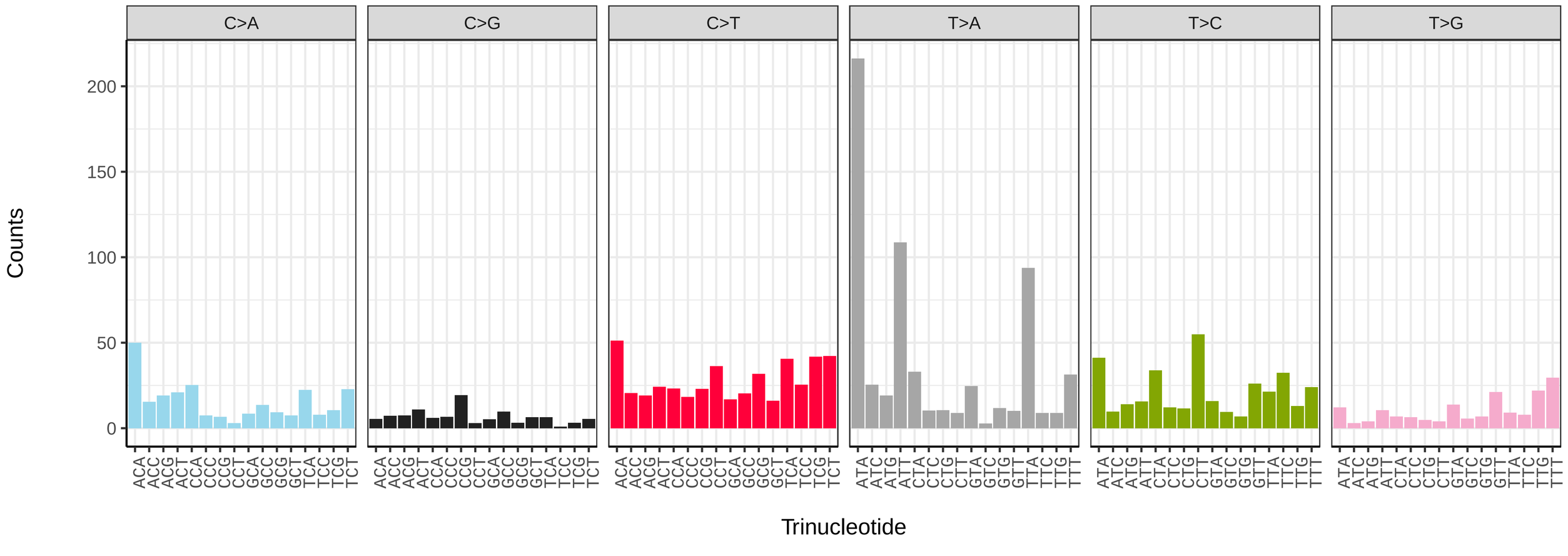
Pyrgus malvae (ilPyrMalv3) somatic mutational spectrum (SBS52 classification)



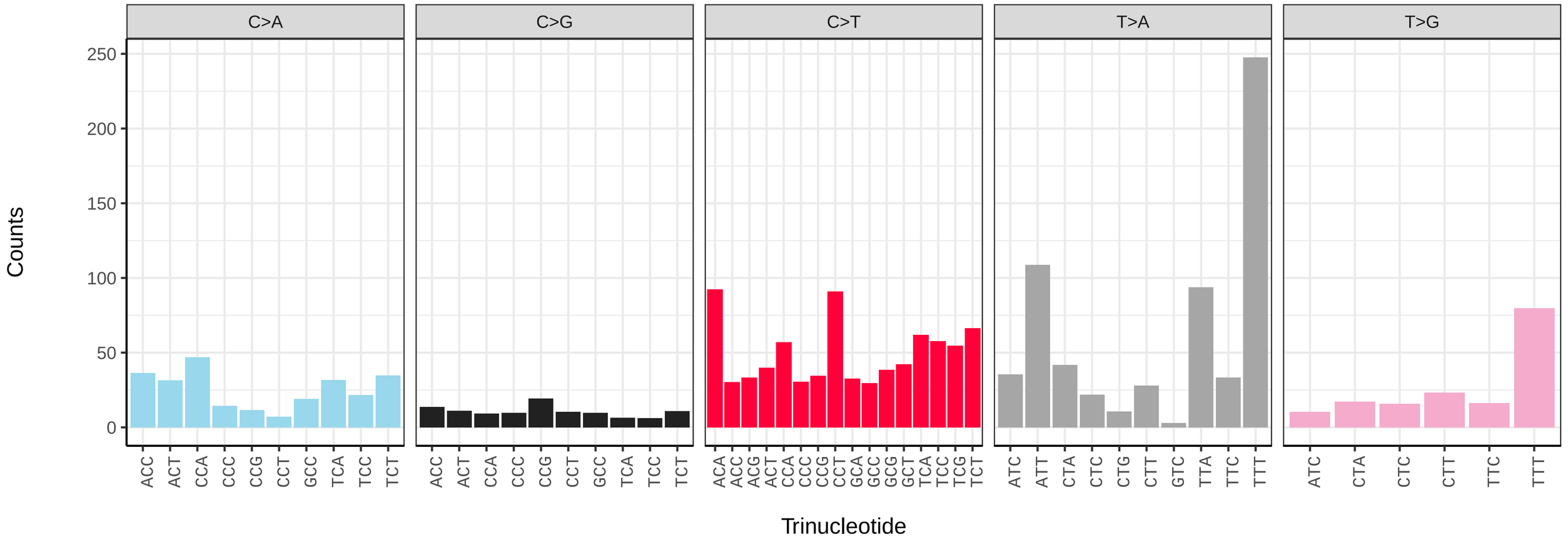
Saturnia pavonia (ilSatPavo1) germline mutational spectrum



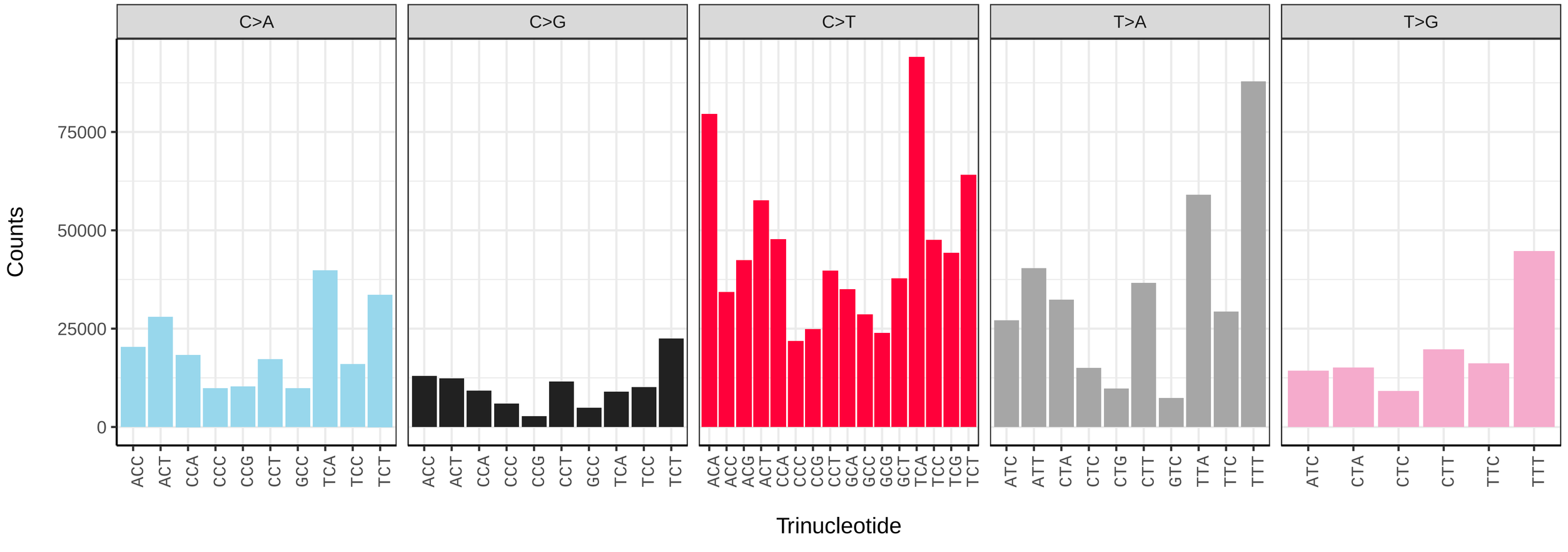
Saturnia pavonia (ilSatPavo1) somatic mutational spectrum (SBS96 classification)



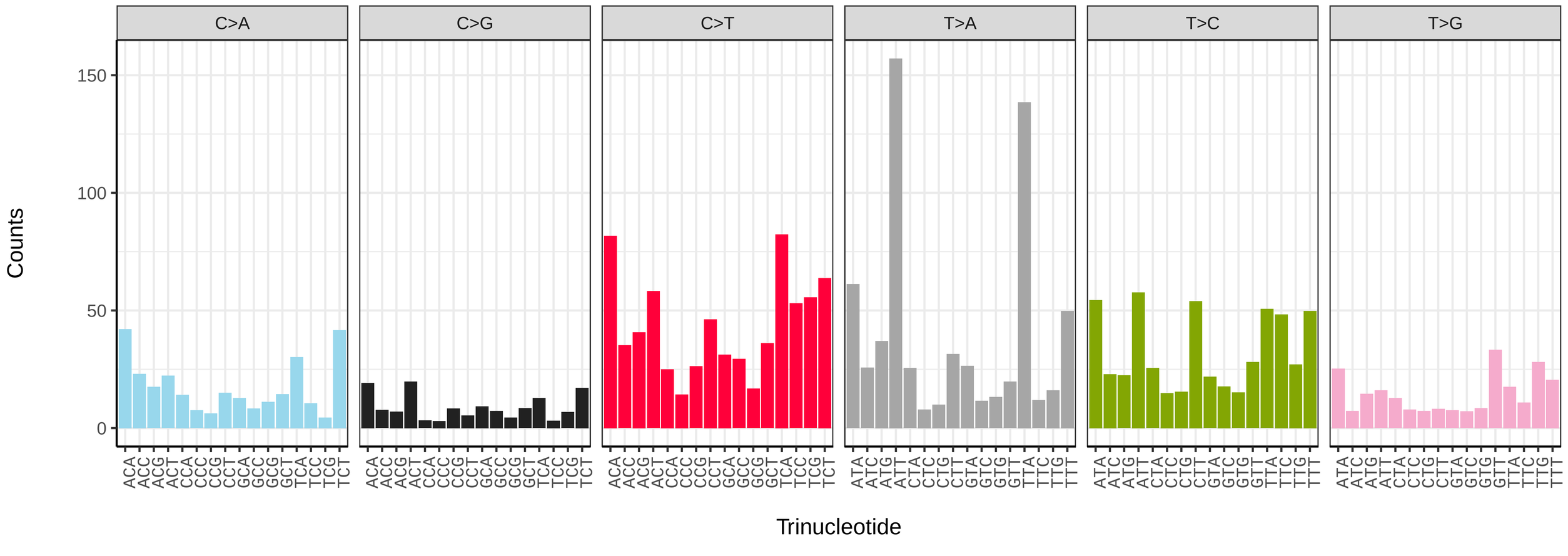
Saturnia pavonia (ilSatPavo1) somatic mutational spectrum (SBS52 classification)



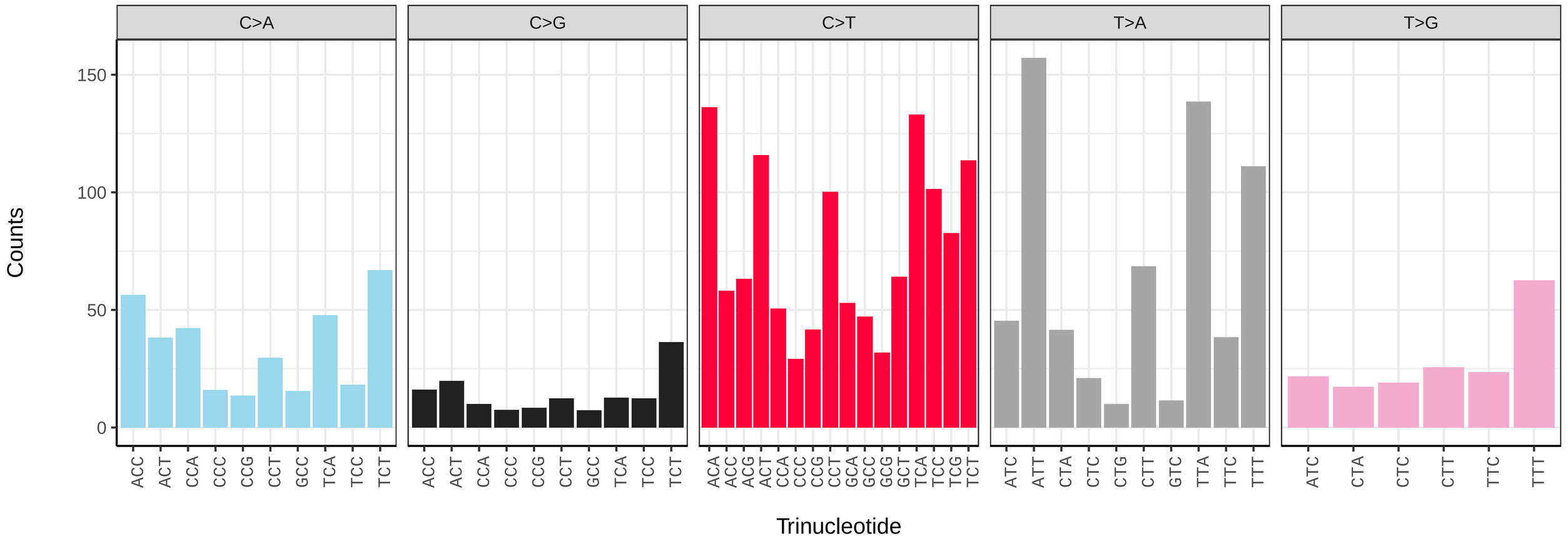
Schrankia costaestrigalis (ilSchCost1) germline mutational spectrum



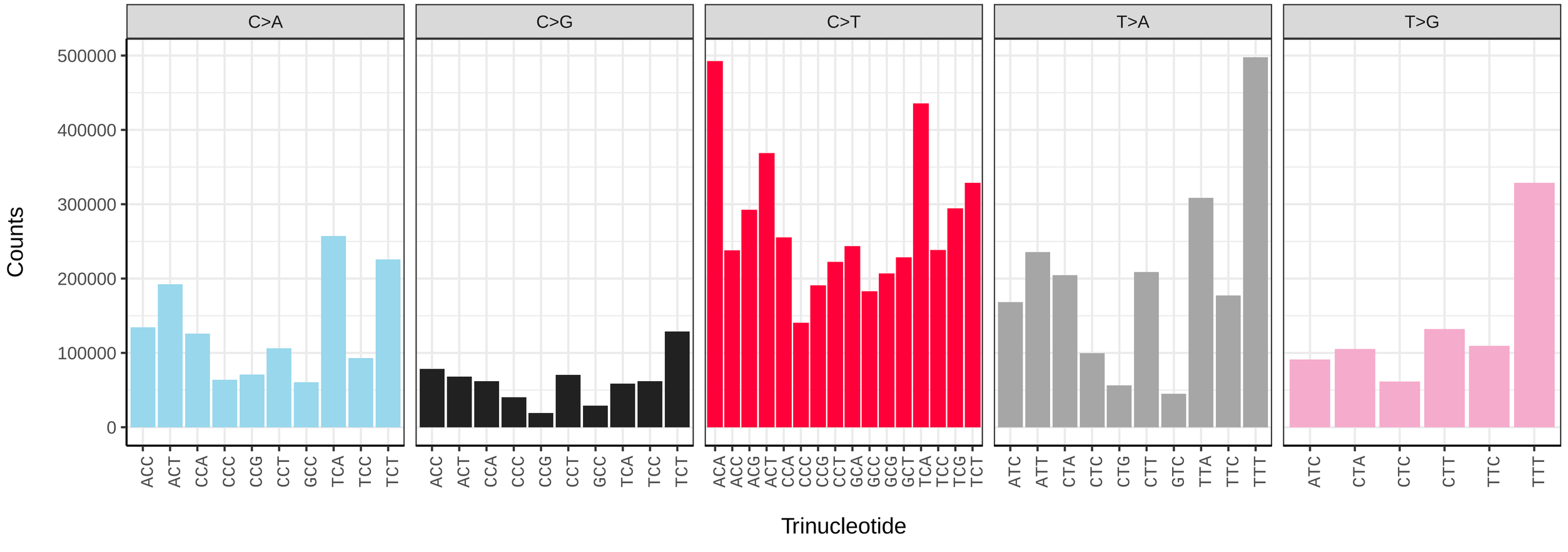
Schrankia costaestrigalis (ilSchCost1) somatic mutational spectrum (SBS96 classification)



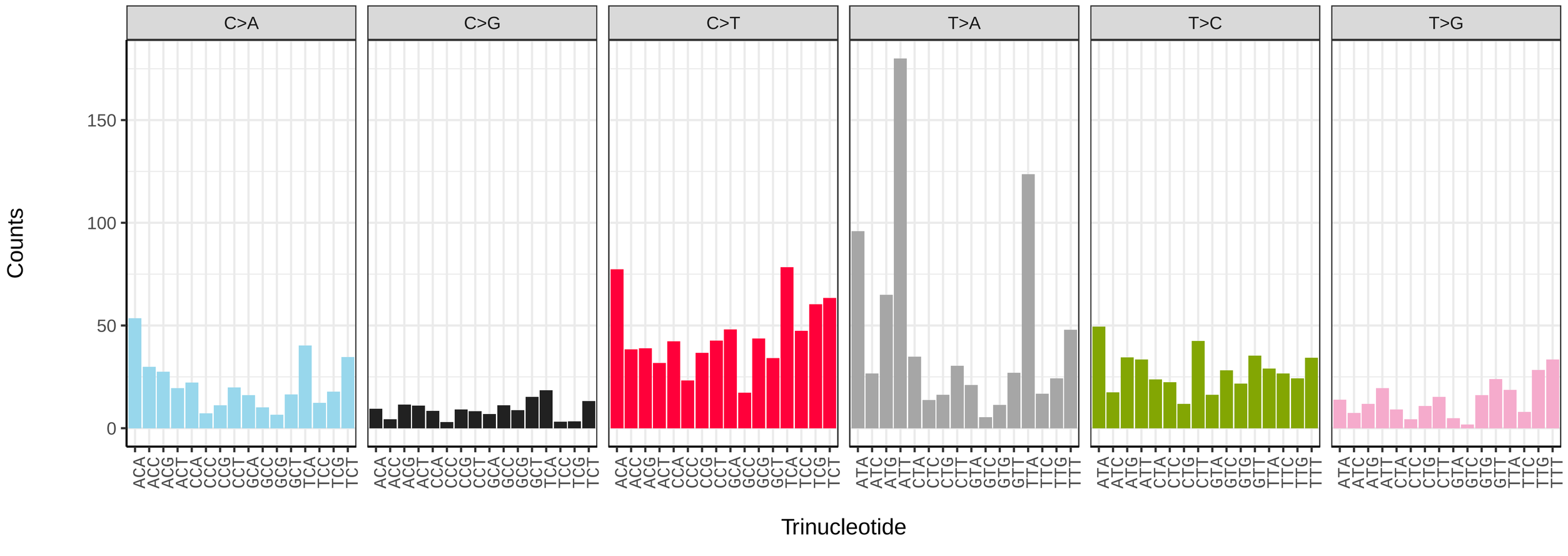
Schrankia costaestrigalis (ilSchCost1) somatic mutational spectrum (SBS52 classification)



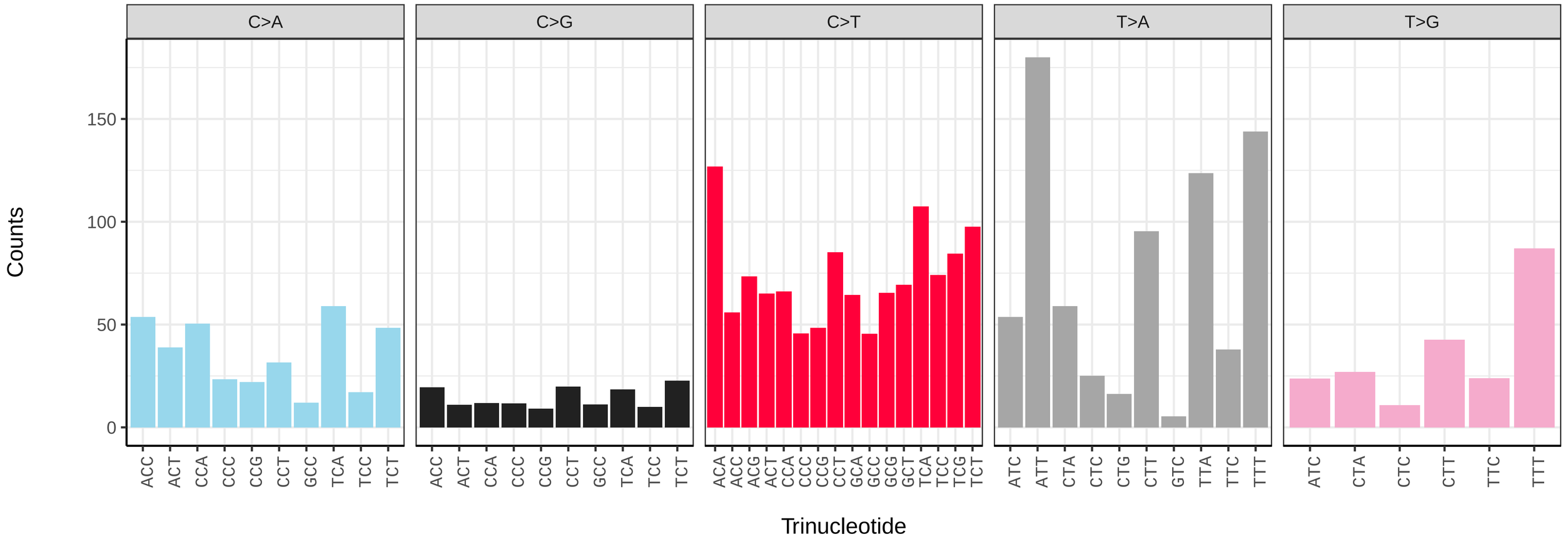
Selenia dentaria (ilSelDent1) germline mutational spectrum



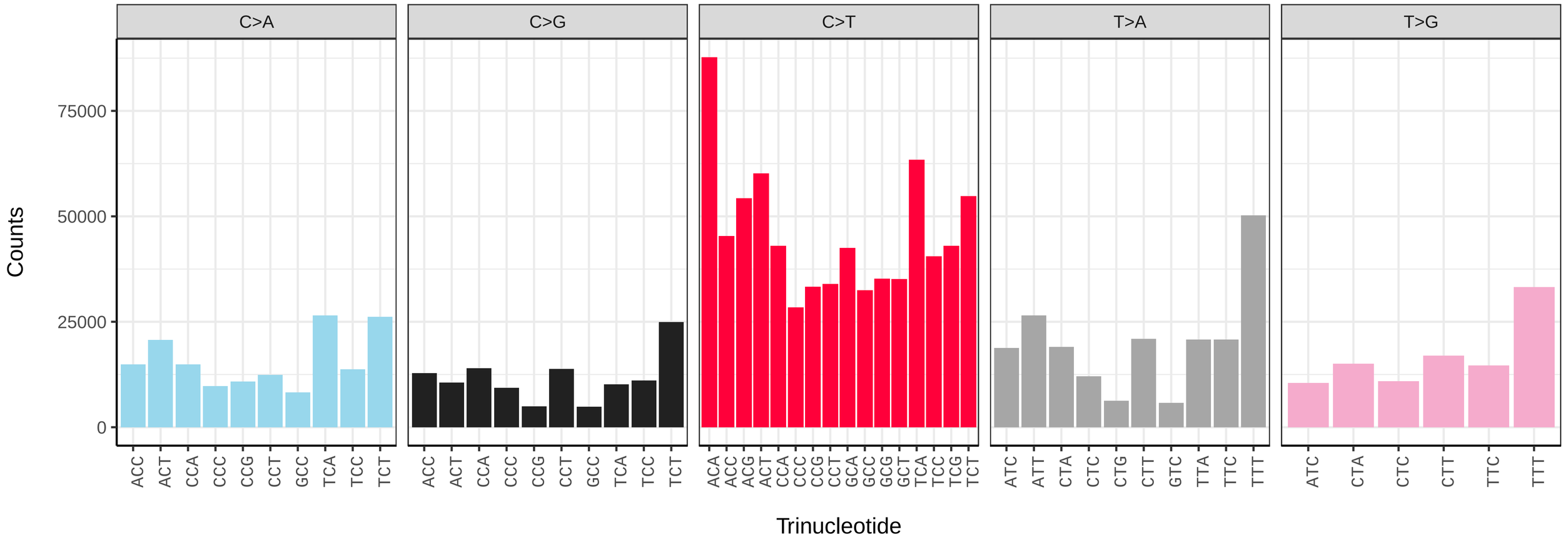
Selenia dentaria (ilSelDent1) somatic mutational spectrum (SBS96 classification)



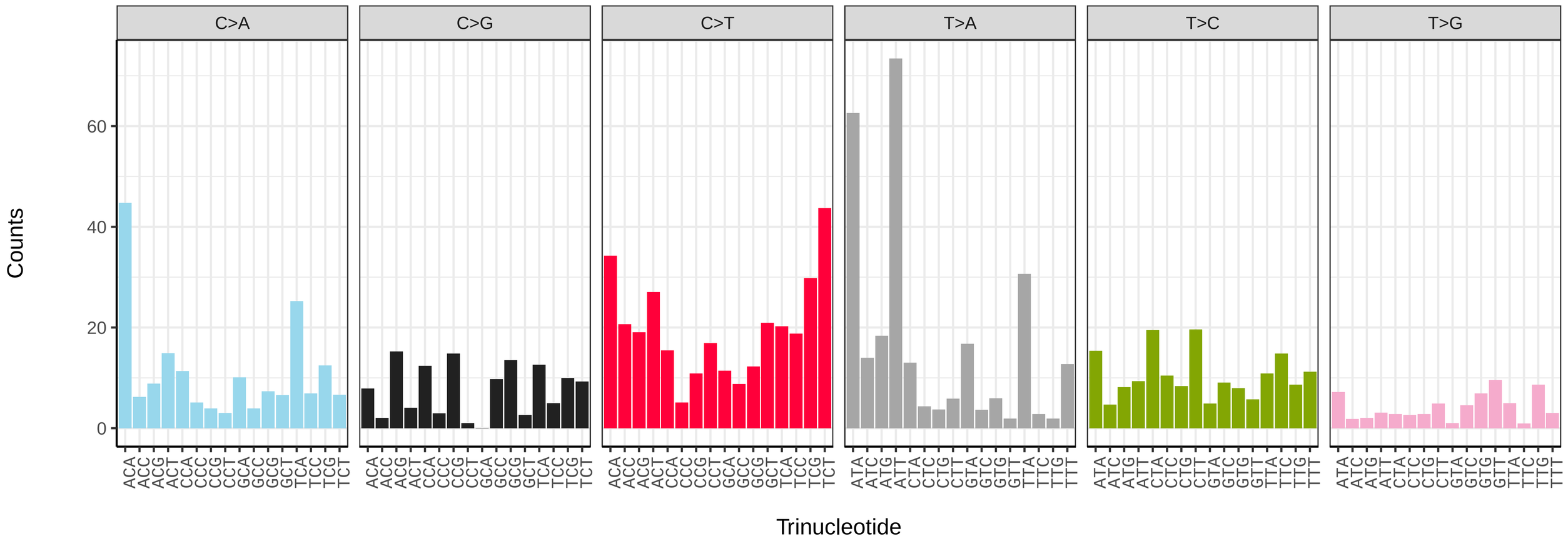
Selenia dentaria (ilSelDent1) somatic mutational spectrum (SBS52 classification)



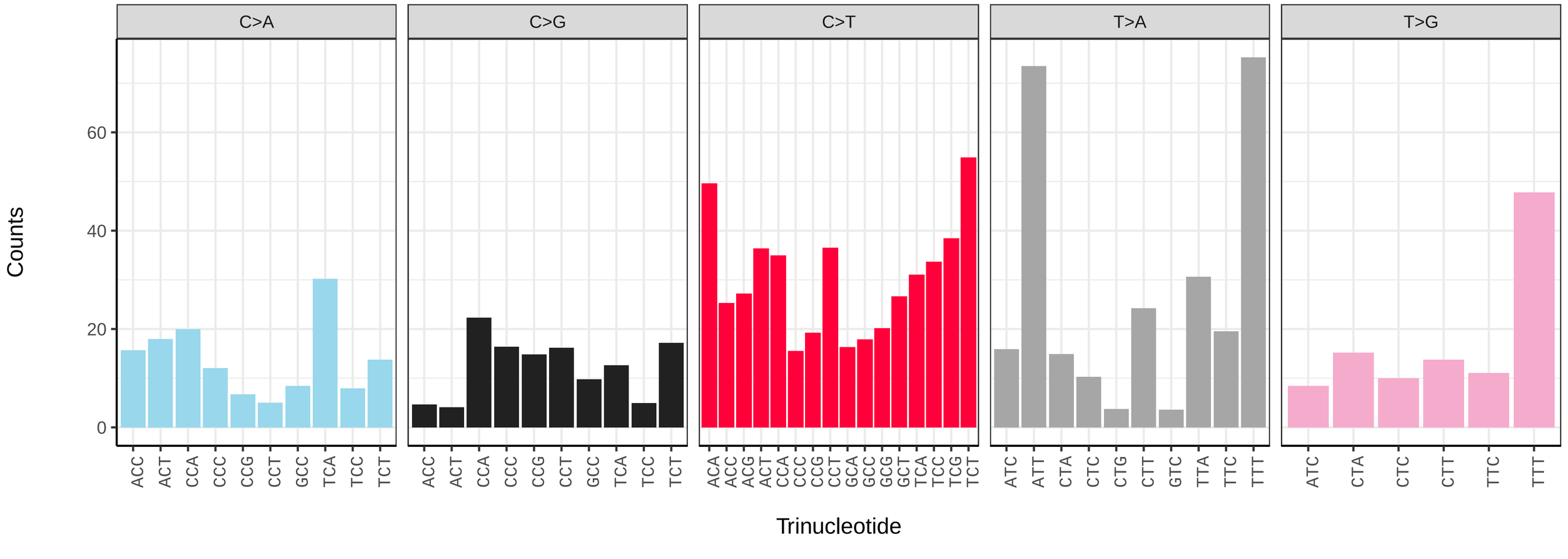
Sesia apiformis (ilSesApif2) germline mutational spectrum



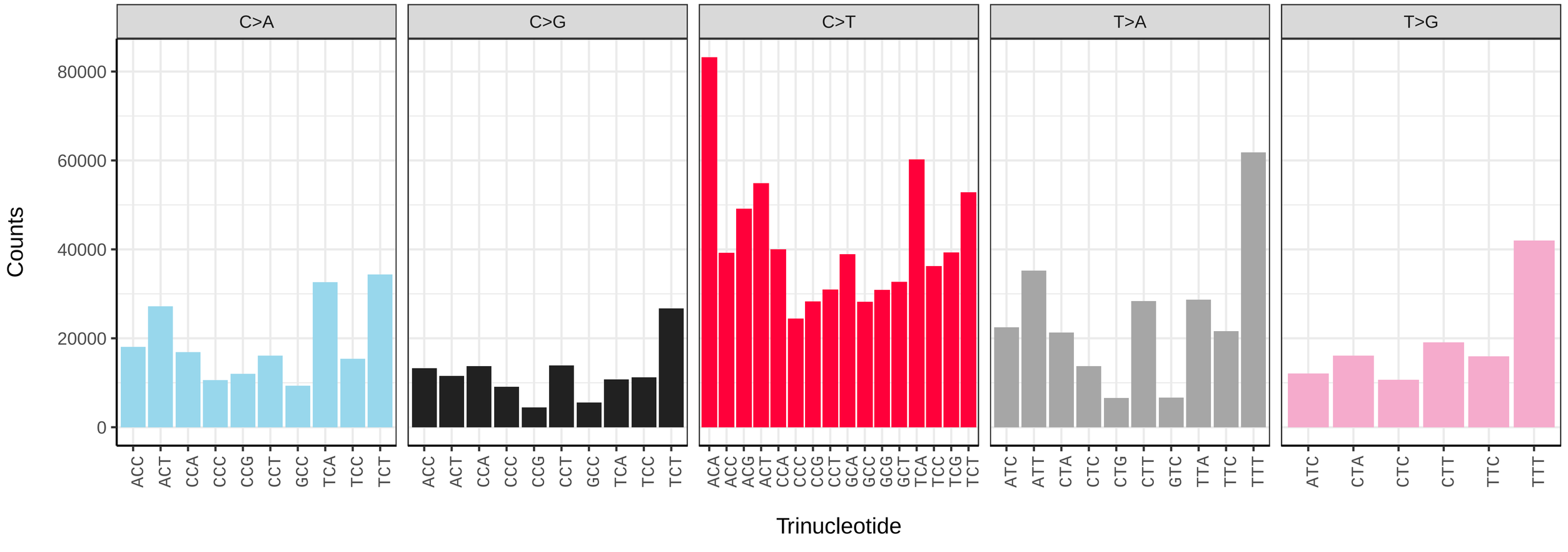
Sesia apiformis (ilSesApif2) somatic mutational spectrum (SBS96 classification)



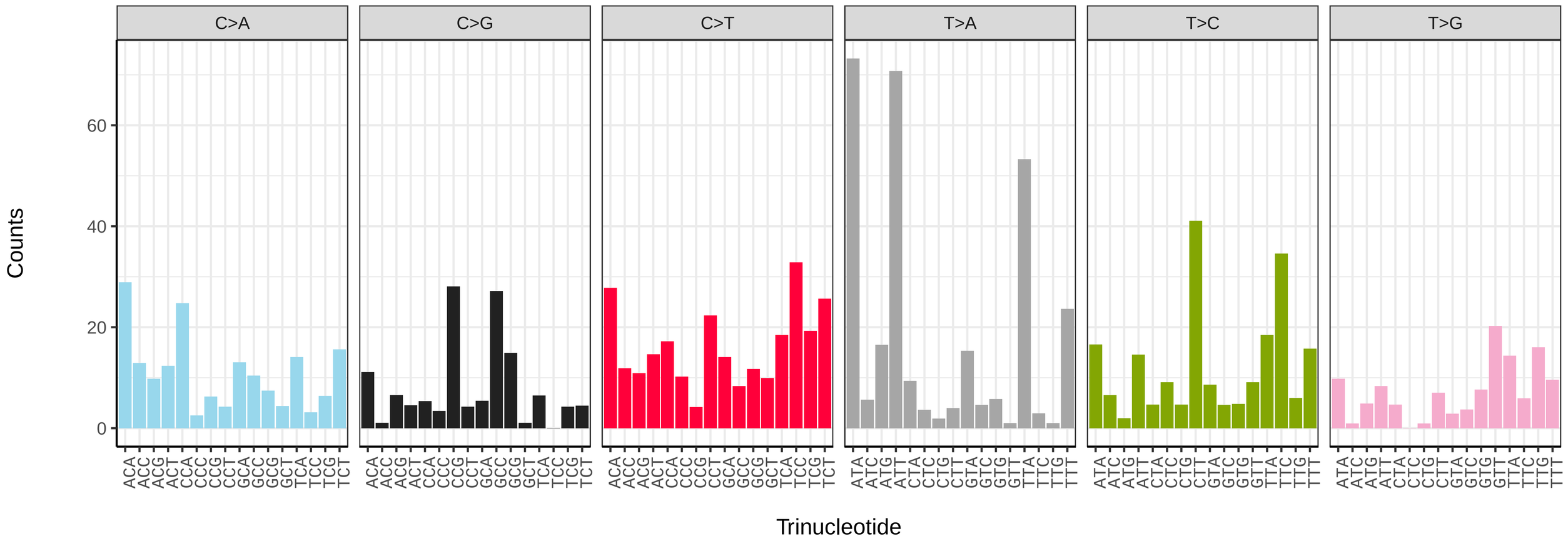
Sesia apiformis (ilSesApif2) somatic mutational spectrum (SBS52 classification)



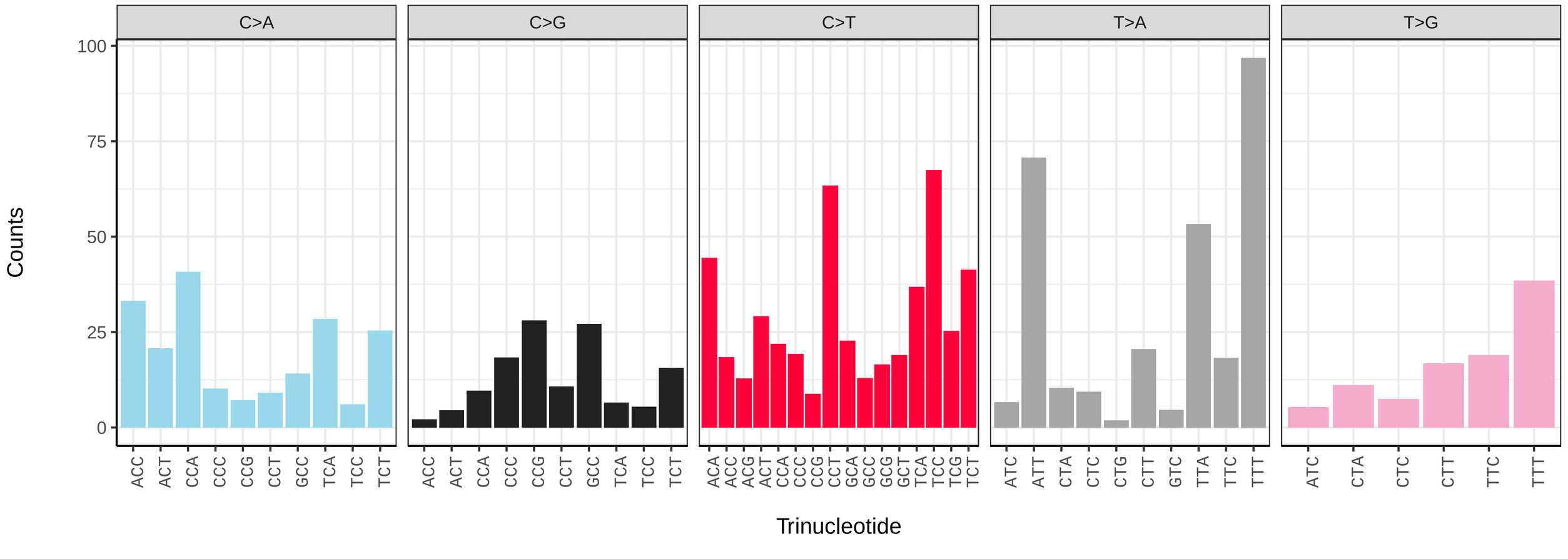
Sesia bembeciformis (ilSesBemb1) germline mutational spectrum

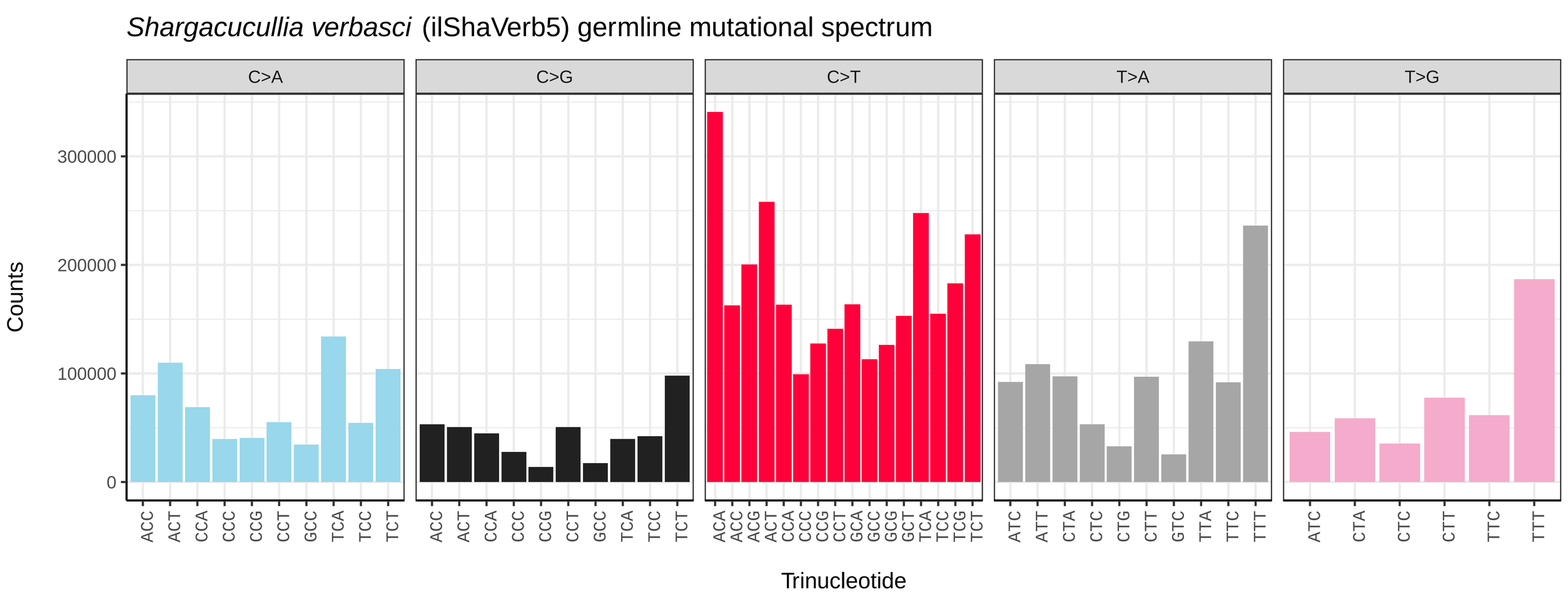


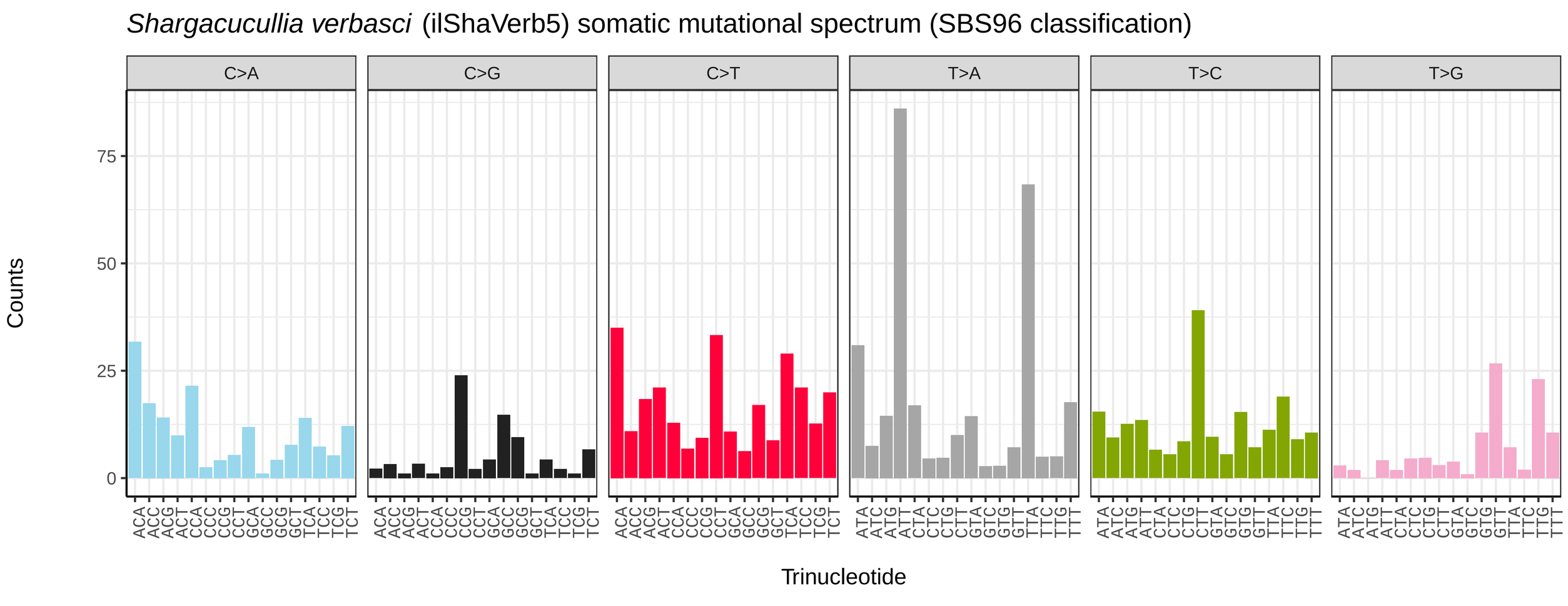
Sesia bembeciformis (ilSesBemb1) somatic mutational spectrum (SBS96 classification)

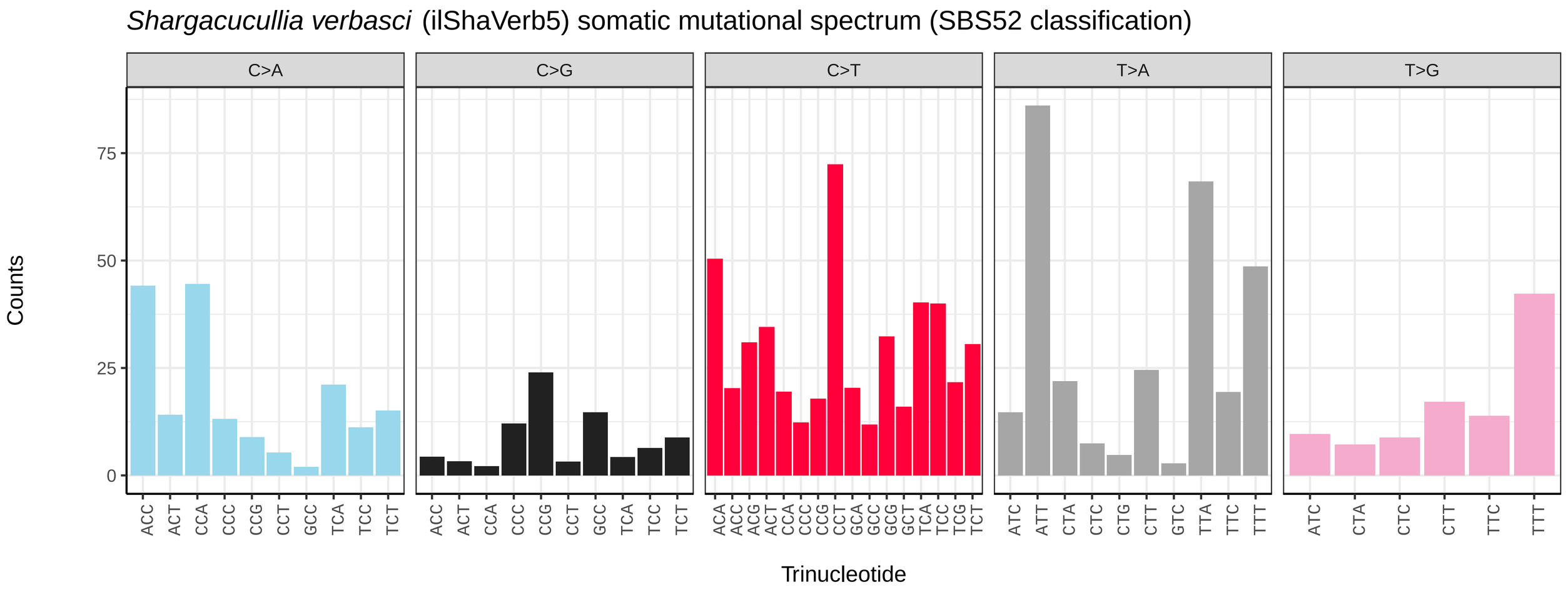


Sesia bembeciformis (ilSesBemb1) somatic mutational spectrum (SBS52 classification)

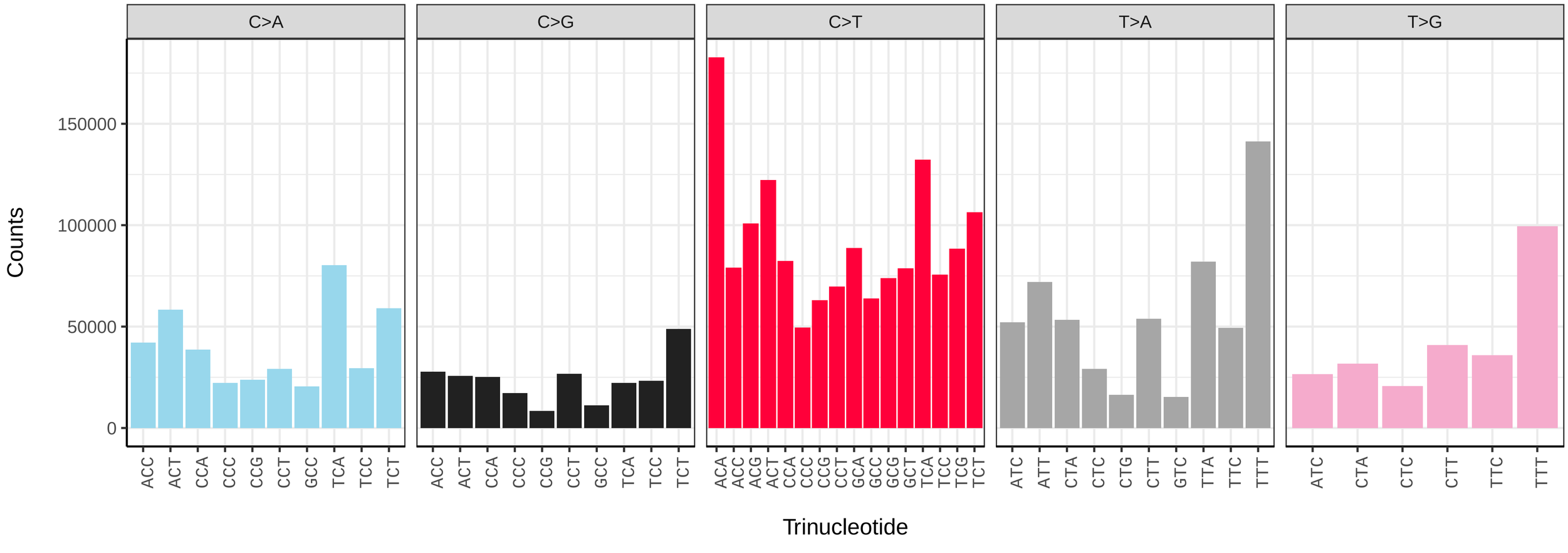



Shargacucullia verbasci (ilShaVerb5) germline mutational spectrum
C>A
C>G
C>T
T>A
T>G
Counts
300000
200000
100000
0
ACC ACT CCA CCC CCG CCT GCC TCA TCC TCT
ACC ACT CCA CCC CCG CCT GCC TCA TCC TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATC ATT CTA CTC CTG CTT GTC TTA TTC TTT
ATC CTA CTC CTT TTC TTT
Trinucleotide

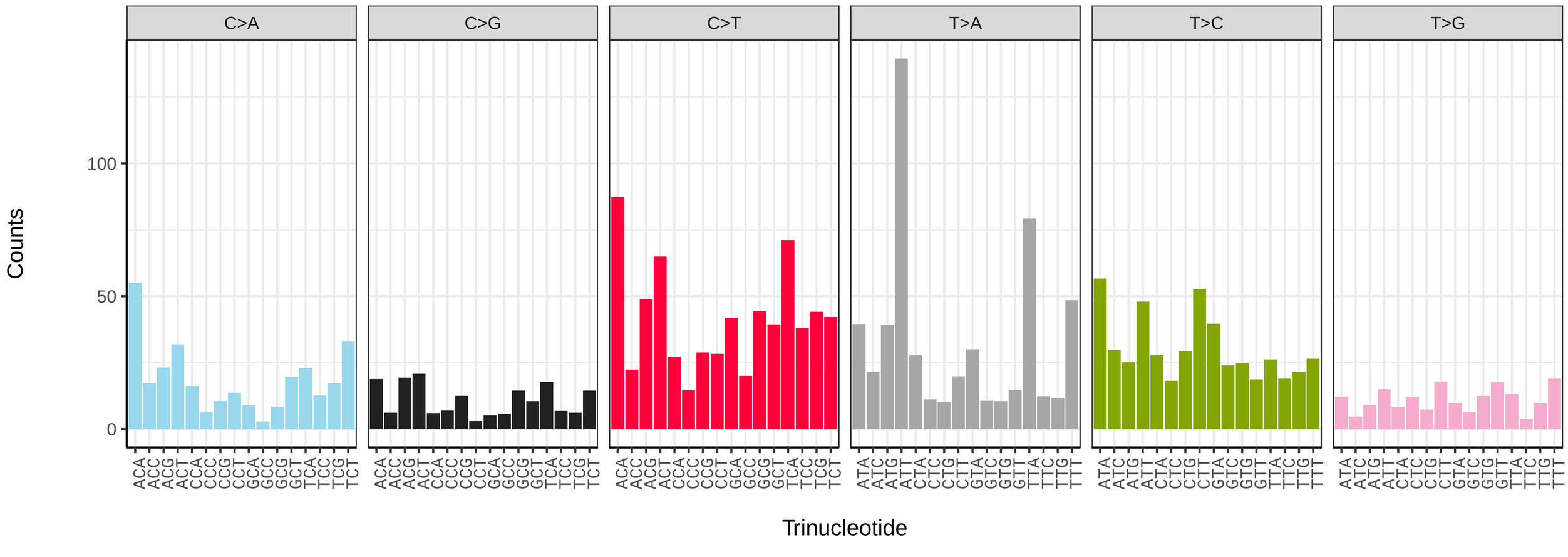

Shargacucullia verbasci (ilShaVerb5) somatic mutational spectrum (SBS96 classification)
C>A
C>G
C>T
T>A
T>C
T>G
Counts
75
50
25
0
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
Trinucleotide


Shargacucullia verbasci (ilShaVerb5) somatic mutational spectrum (SBS52 classification)
C>A
C>G
C>T
T>A
T>G
Counts
75
50
25
0
ACC ACT CCA CCC CCG CCT GCC TCA TCC TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATC ATT CTA CTC CTG CTT GTC TTA TTC TTT
ATC CTA CTC CTT TTC TTT
Trinucleotide

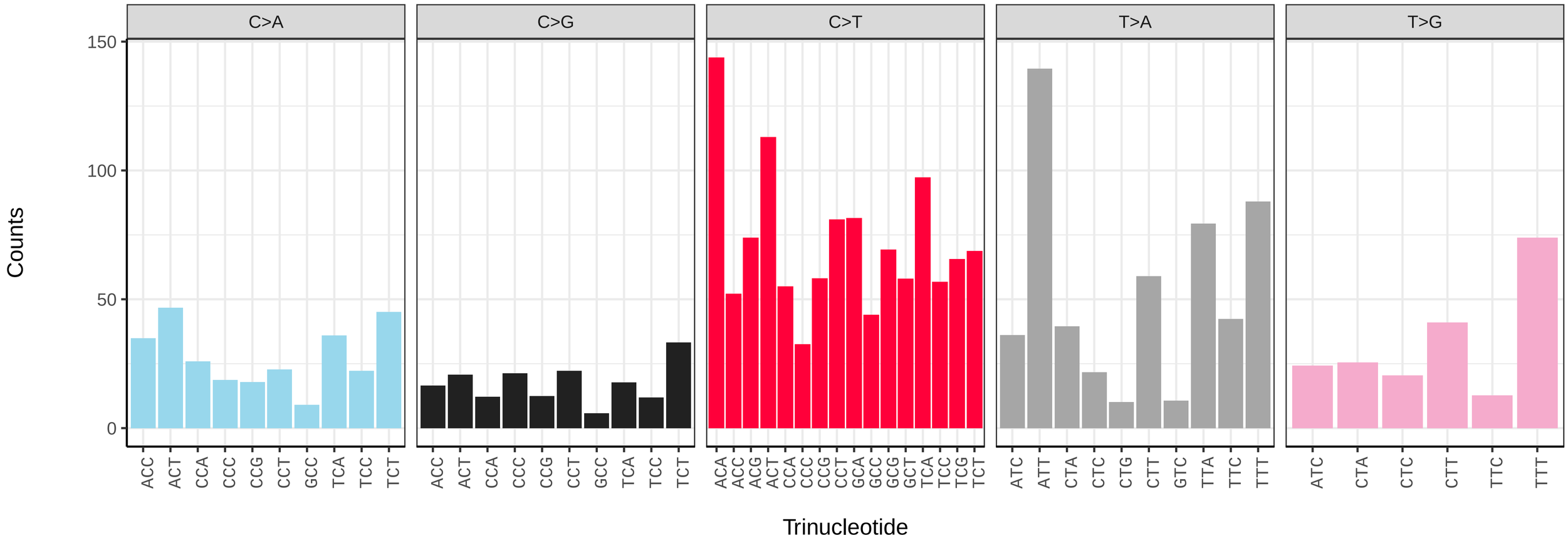
Sphinx pinastri (ilSphPina1) germline mutational spectrum



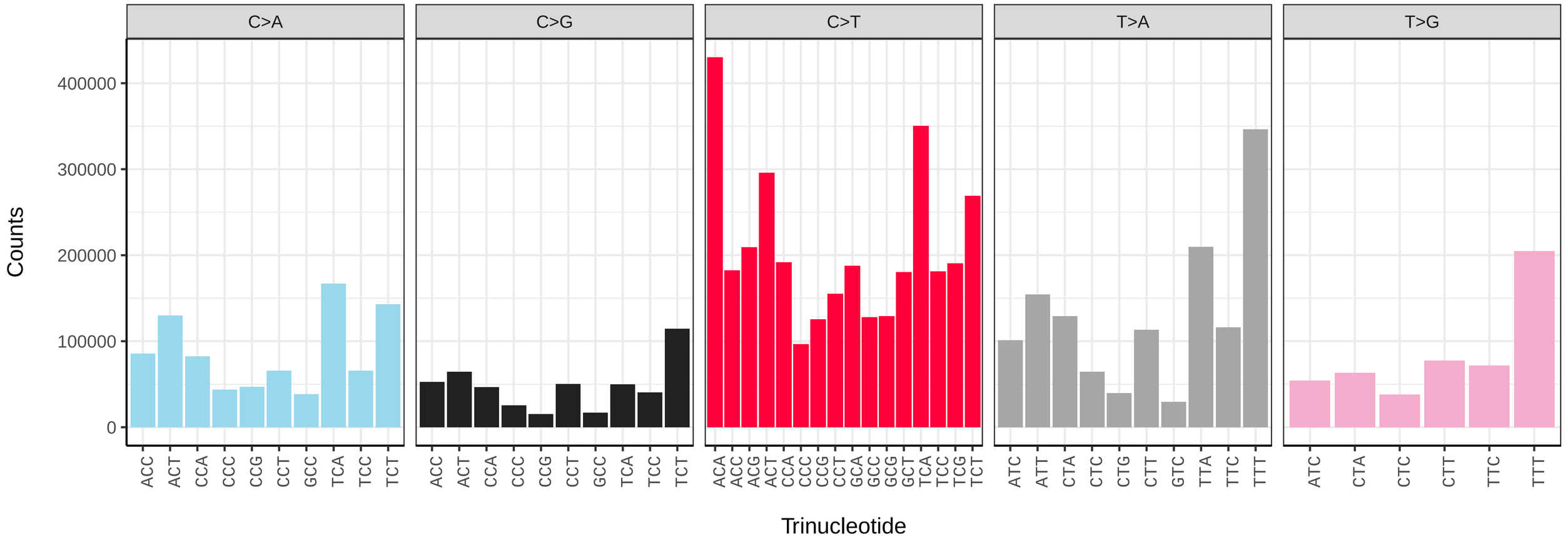
Sphinx pinastri (ilSphPina1) somatic mutational spectrum (SBS96 classification)



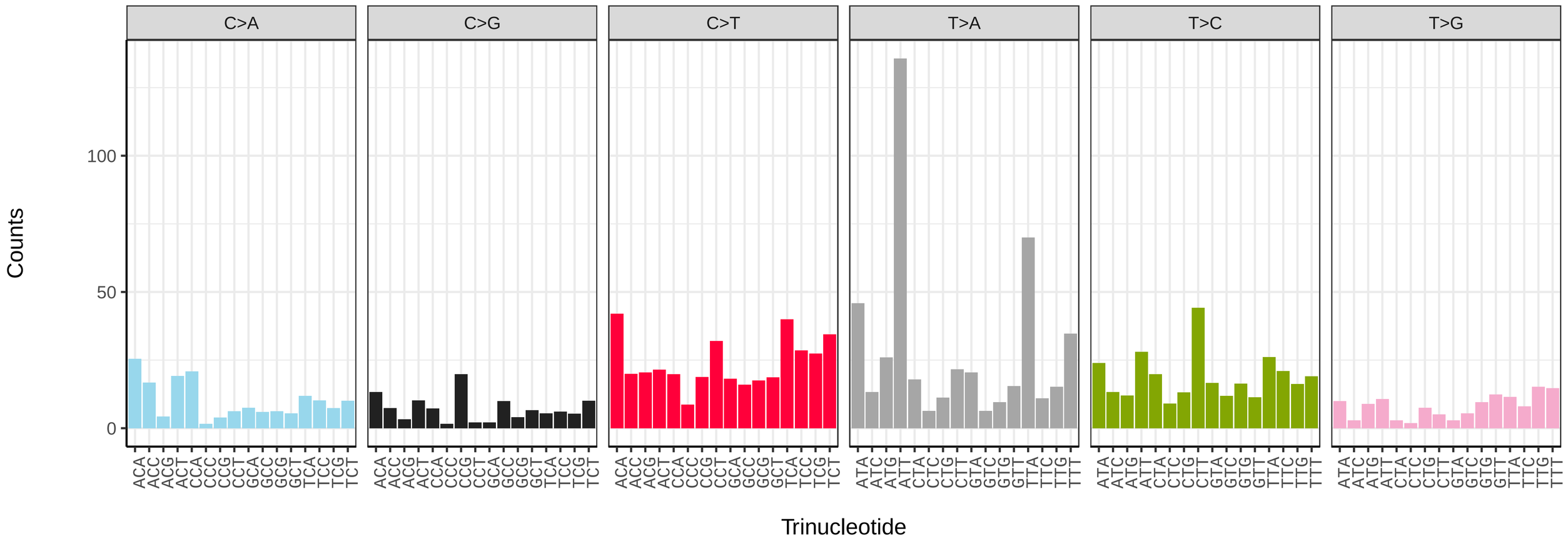
Sphinx pinastri (ilSphPina1) somatic mutational spectrum (SBS52 classification)



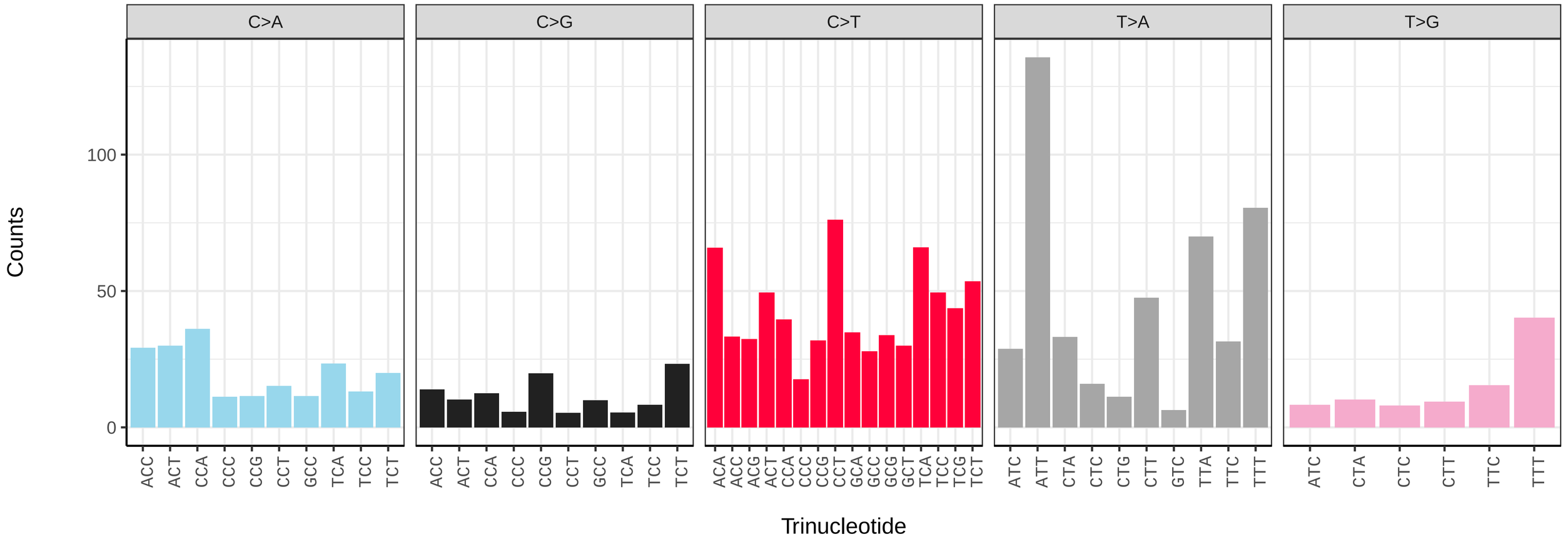
Spilosoma lubricipeda (ilSpiLubr1) germline mutational spectrum



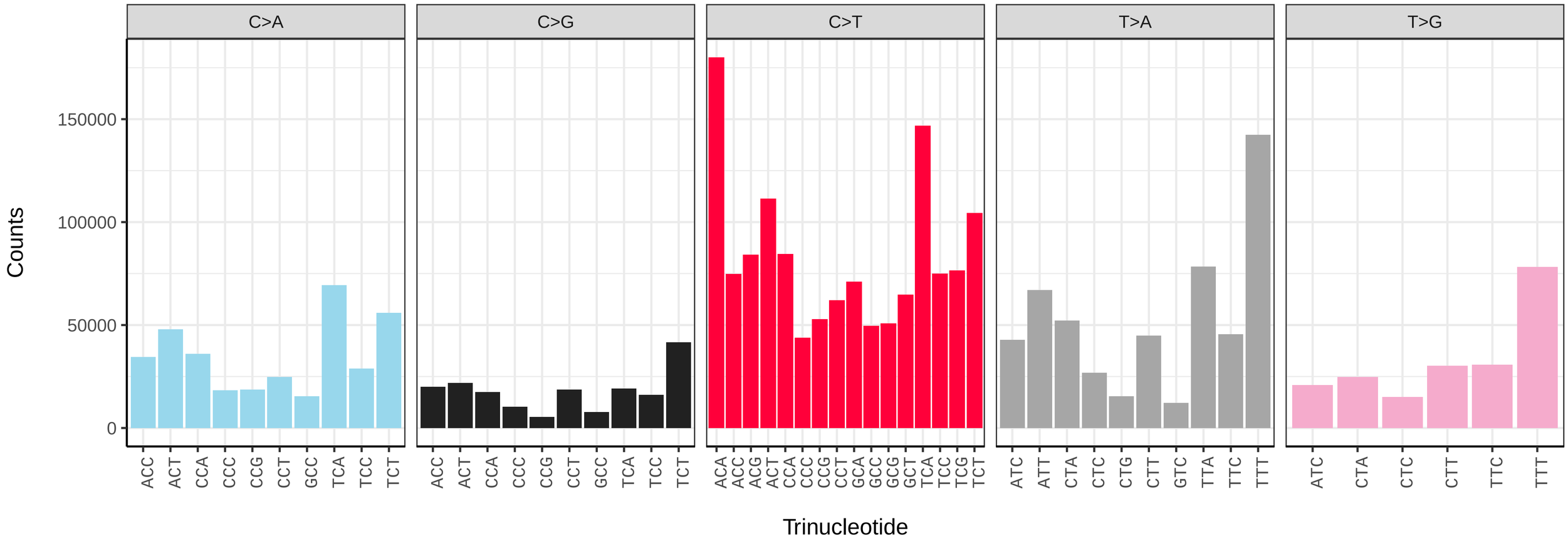
Spilosoma lubricipeda (ilSpiLubr1) somatic mutational spectrum (SBS96 classification)



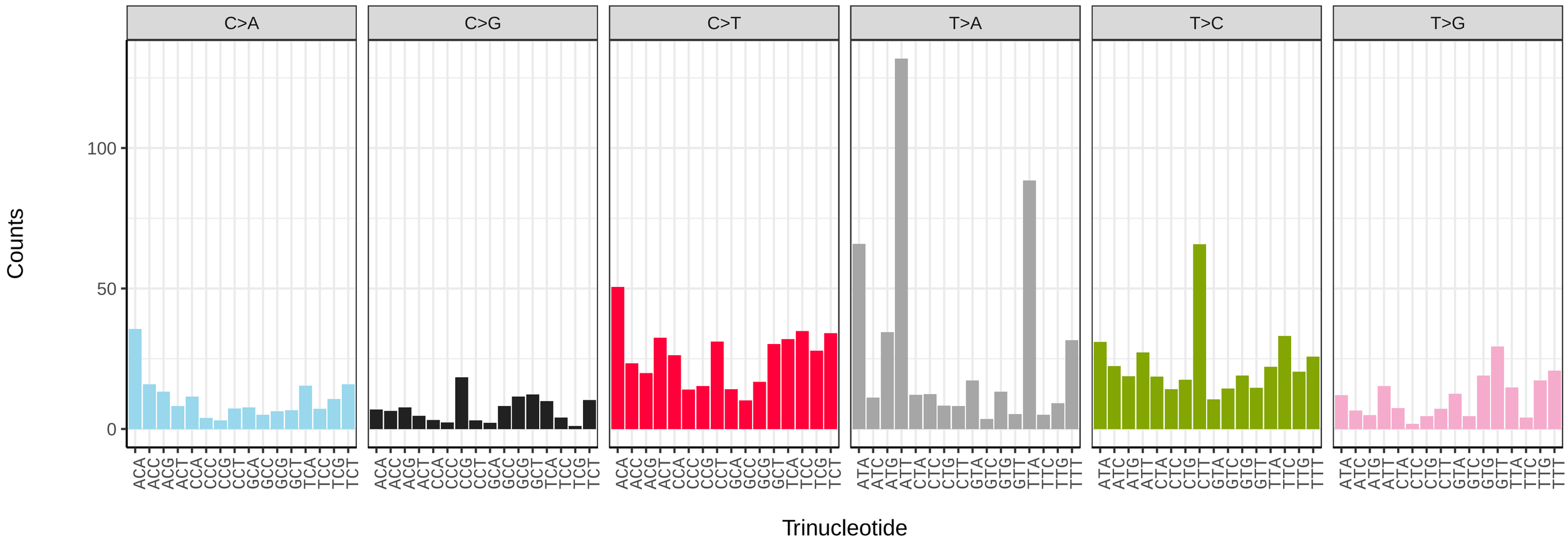
Spilosoma lubricipeda (ilSpiLubr1) somatic mutational spectrum (SBS52 classification)



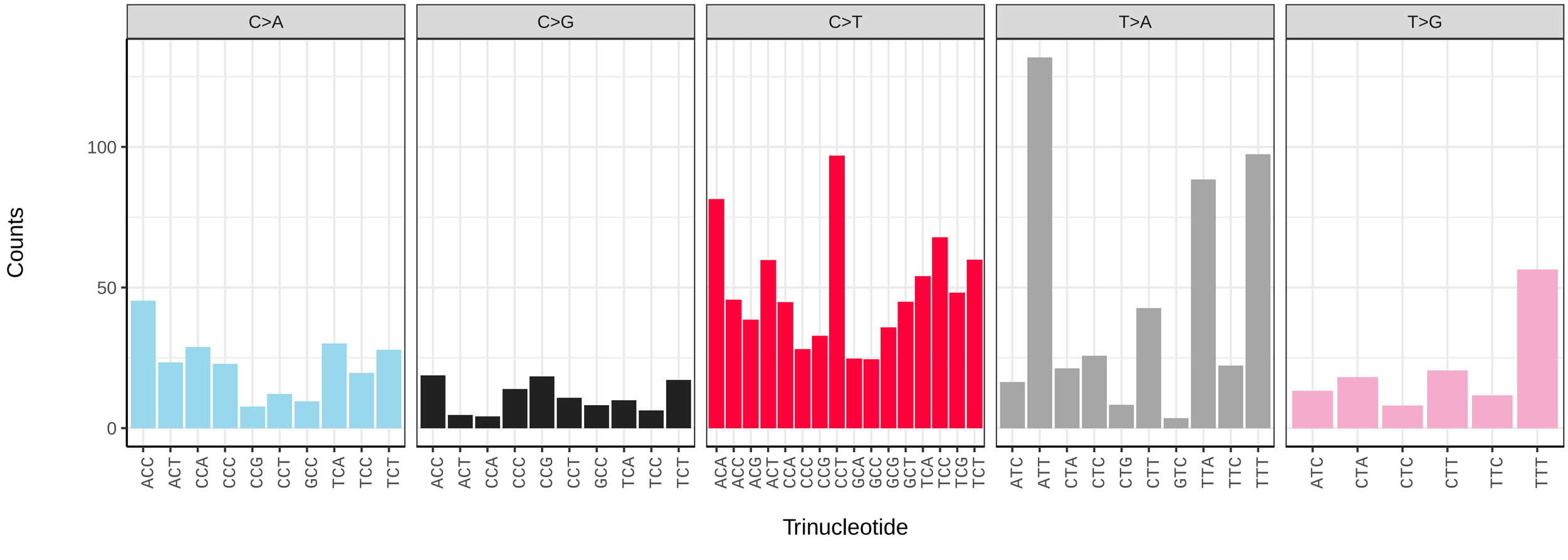
Spilarctia lutea (ilSpiLutu1) germline mutational spectrum



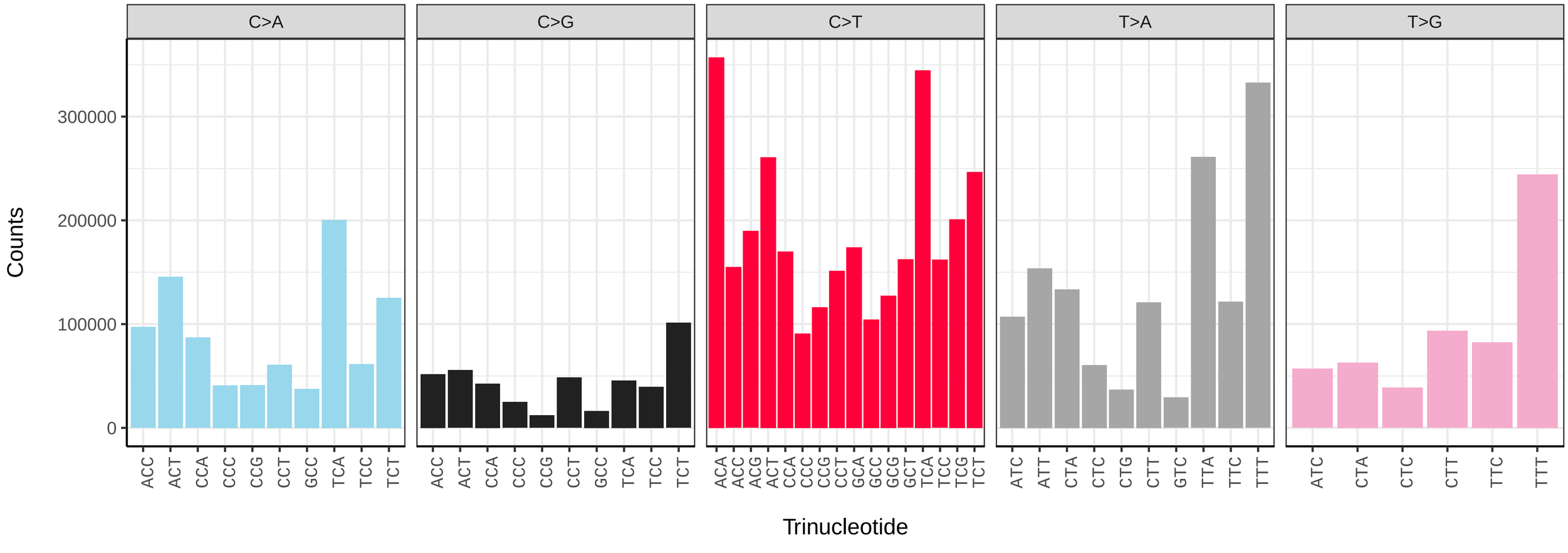
Spilarctia lutea (ilSpiLutu1) somatic mutational spectrum (SBS96 classification)



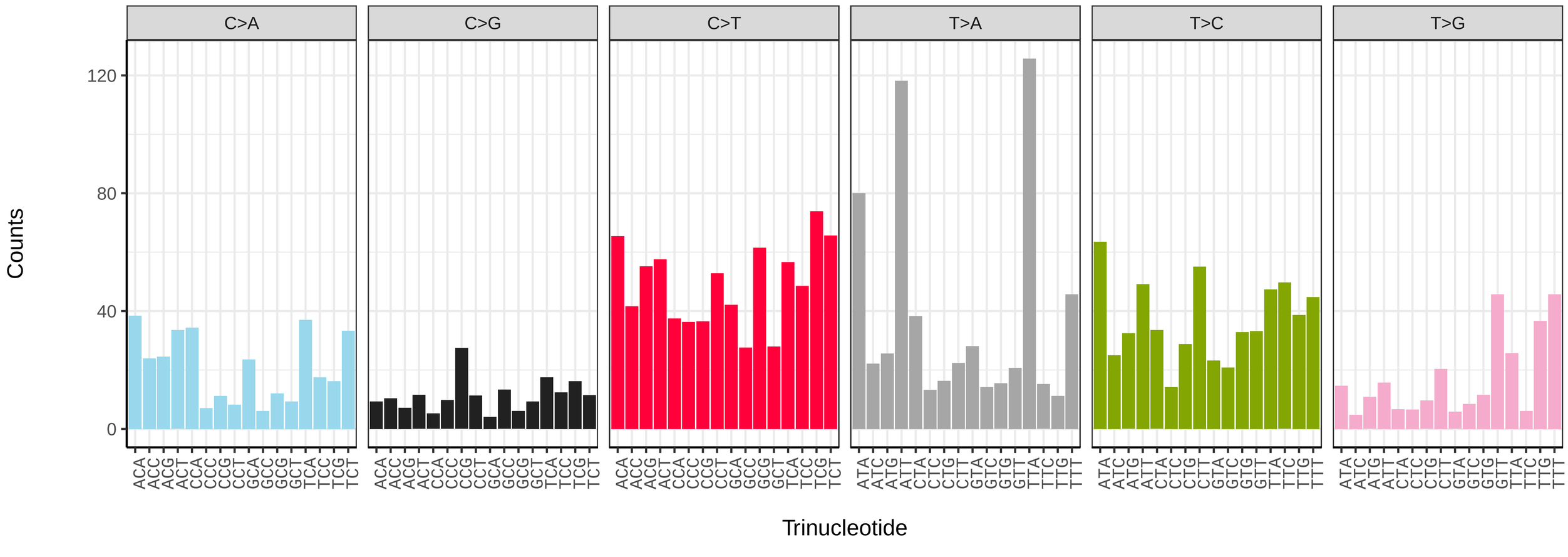
Spilarctia lutea (ilSpiLutu1) somatic mutational spectrum (SBS52 classification)



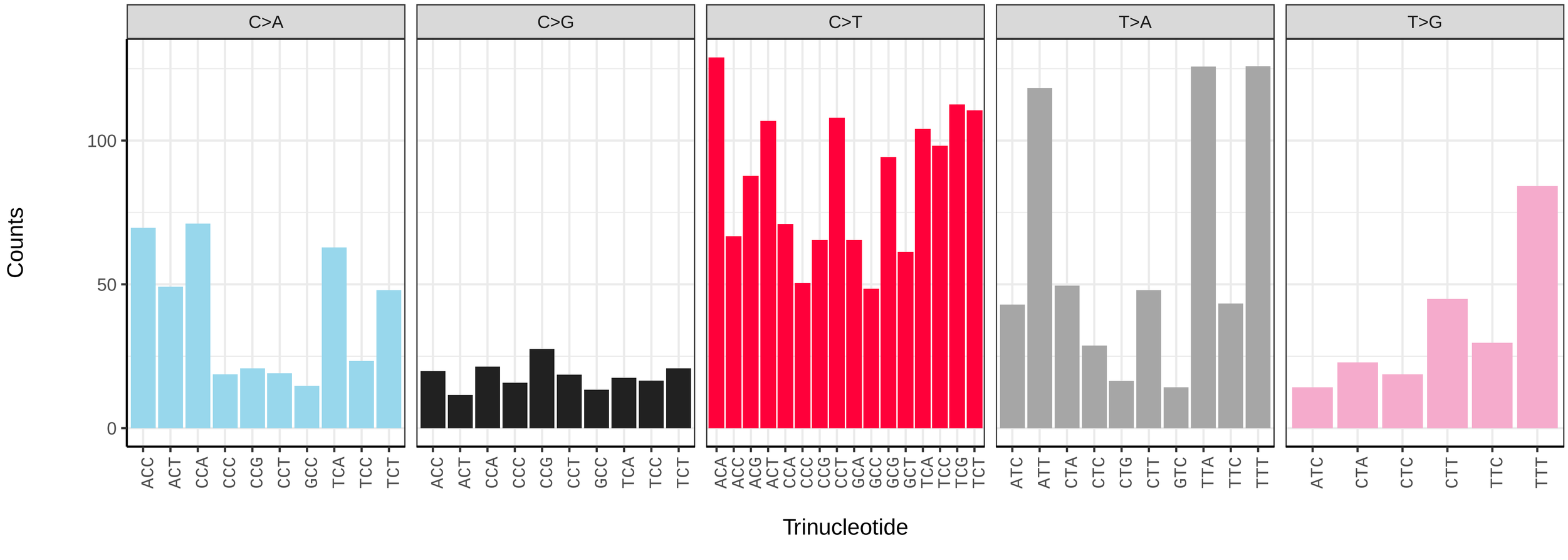
Stenoptilia bipunctidactyla (ilSteBipu1) germline mutational spectrum



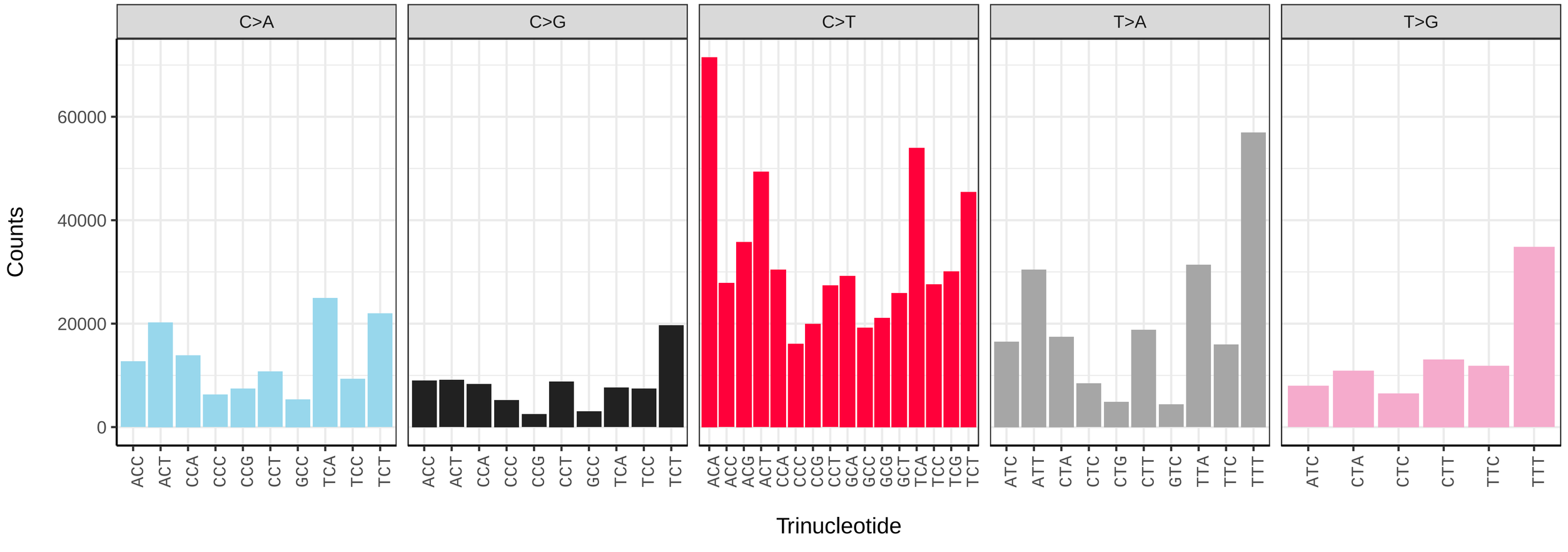
Stenoptilia bipunctidactyla (ilSteBipu1) somatic mutational spectrum (SBS96 classification)



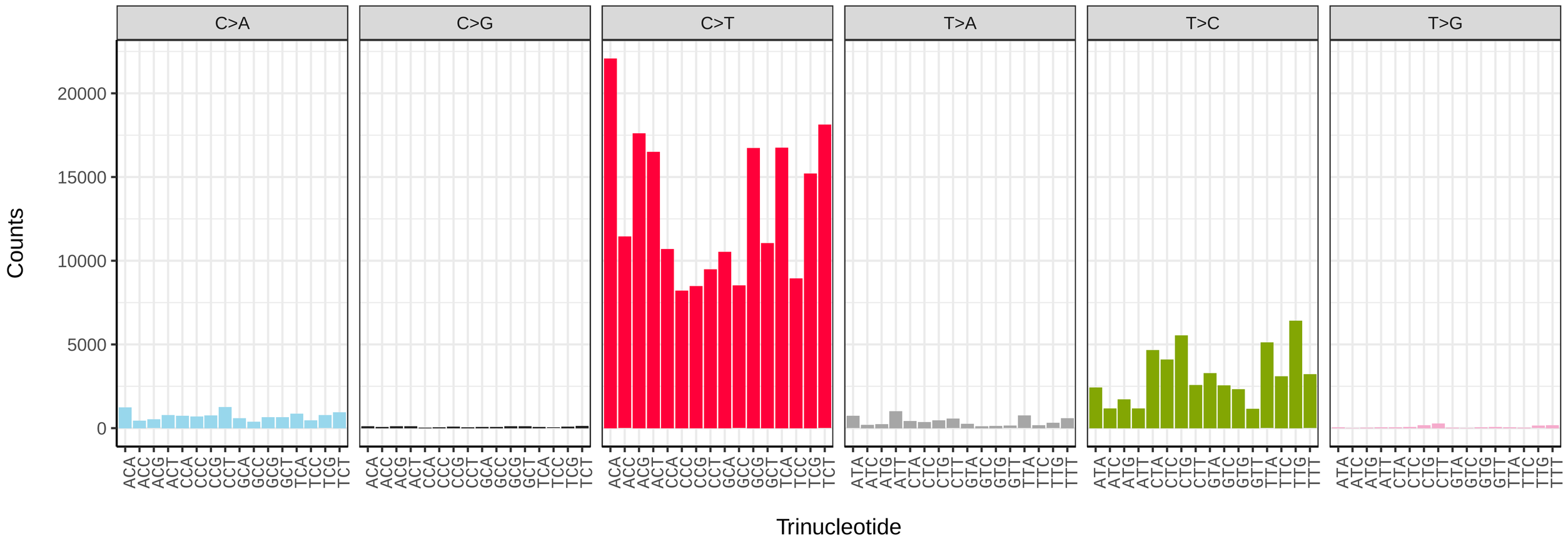
Stenoptilia bipunctidactyla (ilSteBipu1) somatic mutational spectrum (SBS52 classification)



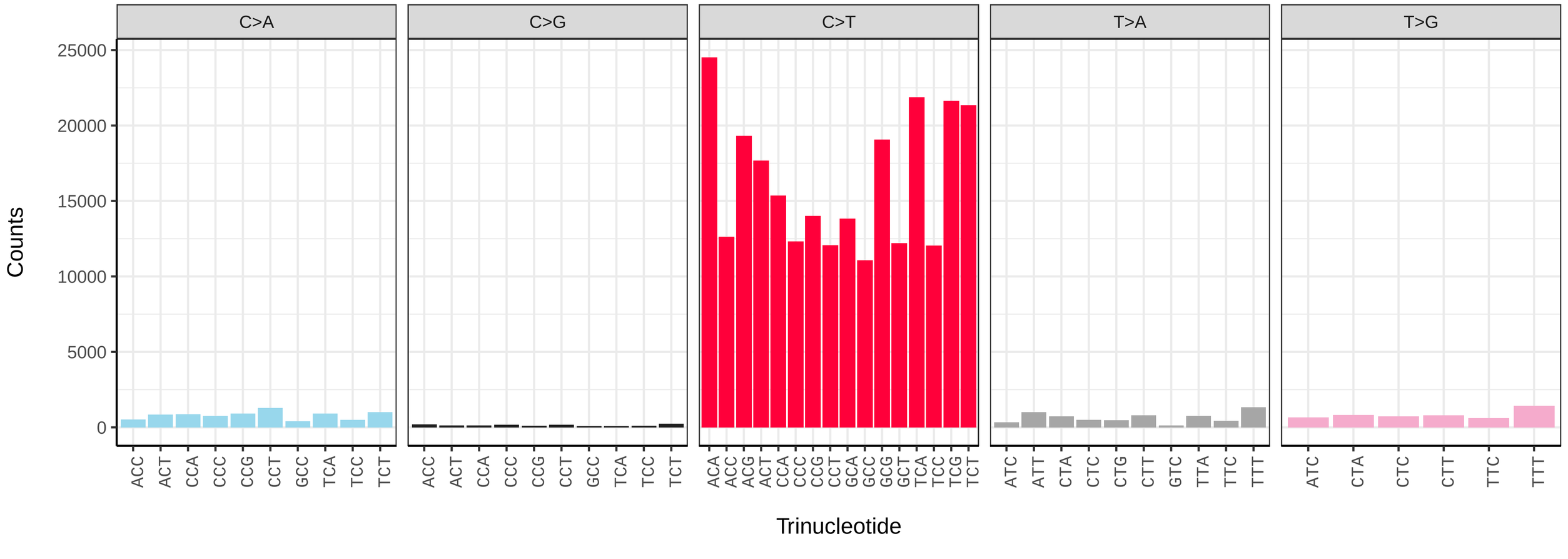
Synanthedon andrenaeformis (ilSynAndr1) germline mutational spectrum



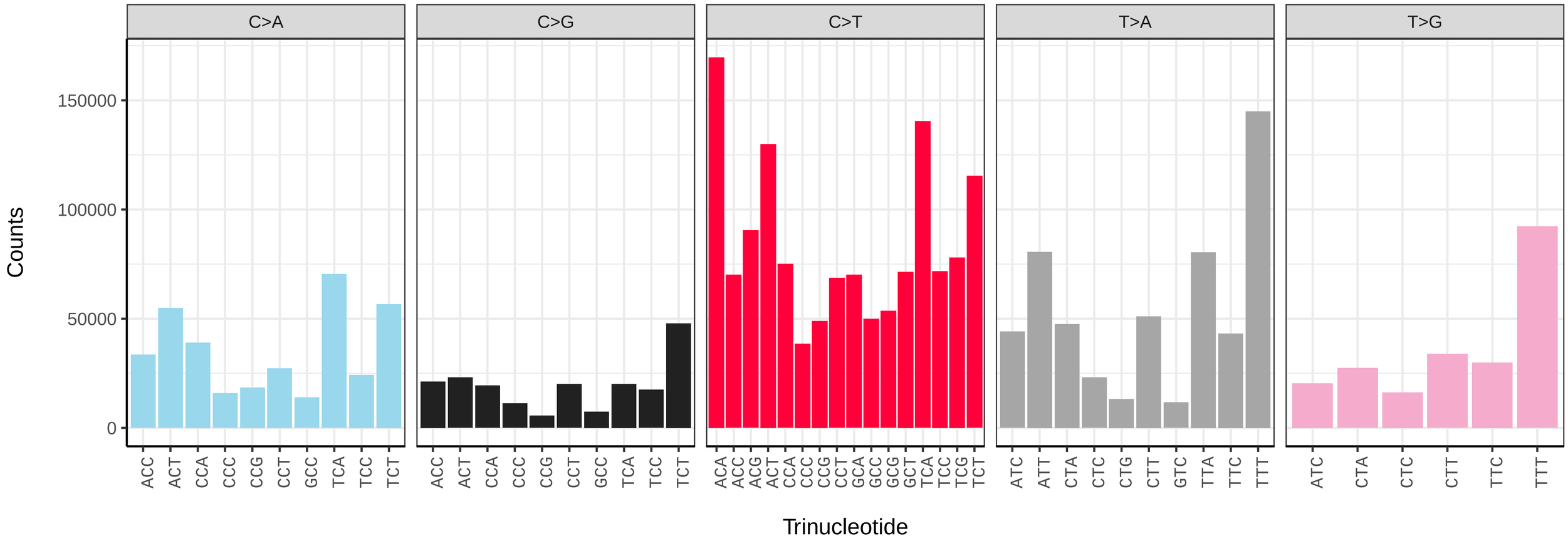
Synanthedon andrenaeformis (ilSynAndr1) somatic mutational spectrum (SBS96 classification)



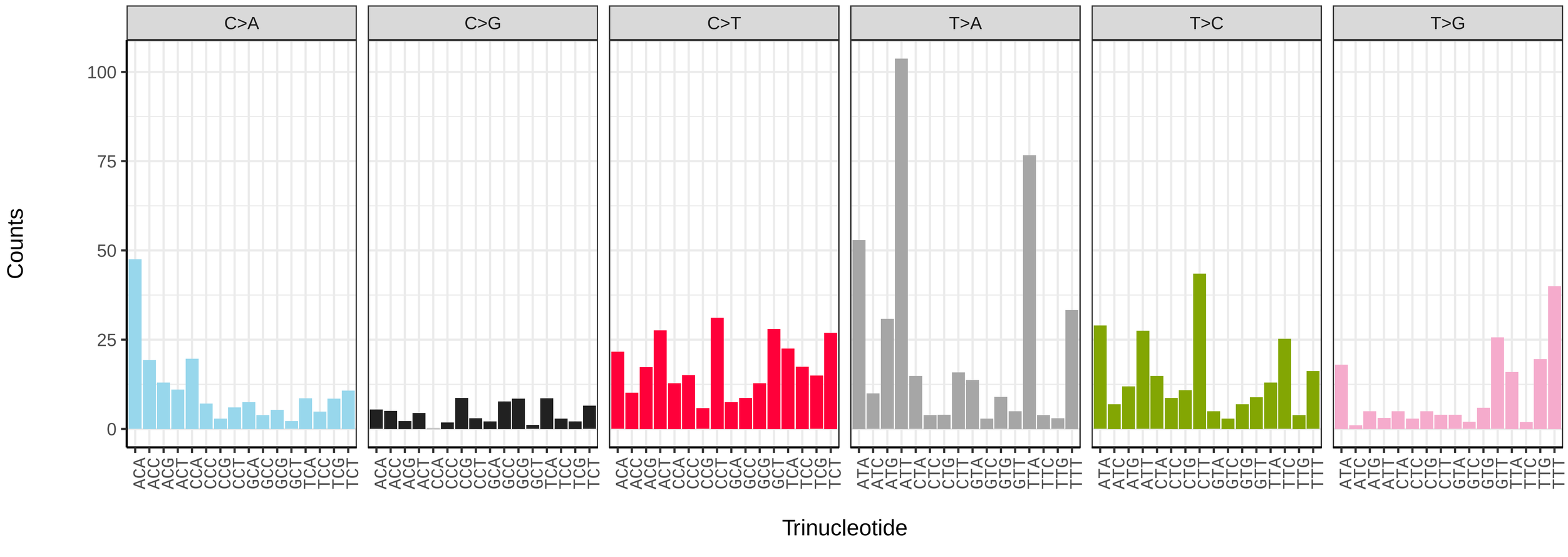
Synanthedon andrenaeformis (ilSynAndr1) somatic mutational spectrum (SBS52 classification)



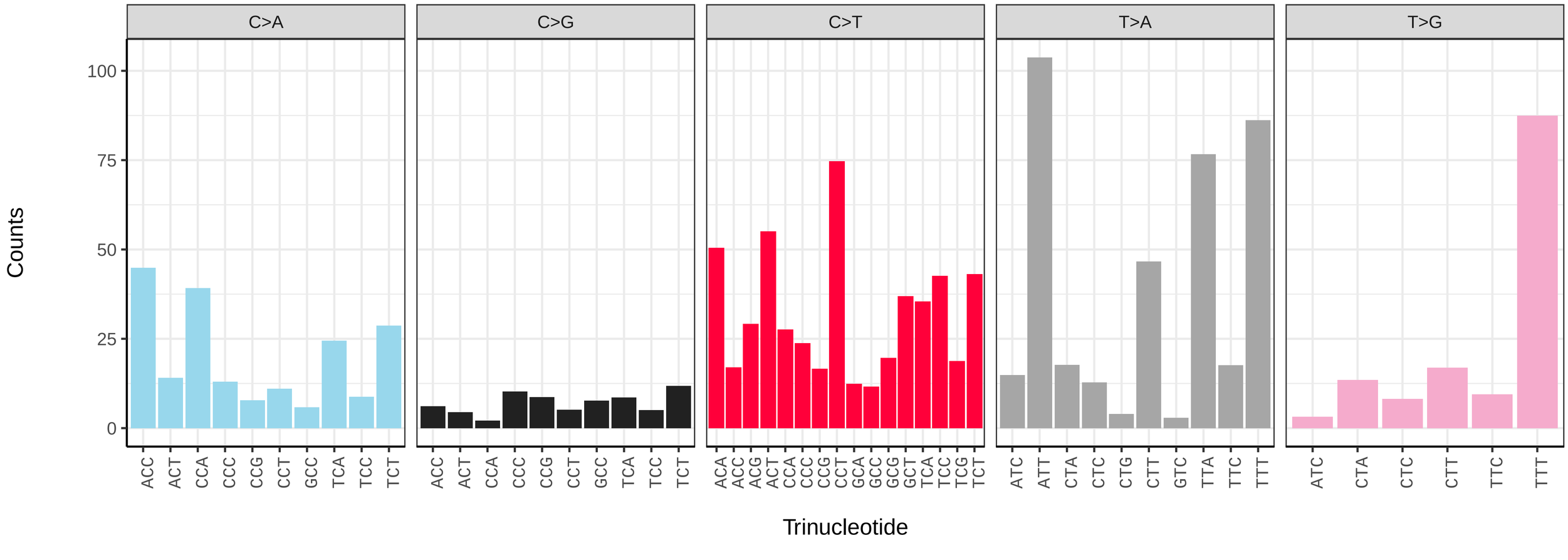
Synanthedon formicaeformis (ilSynForm1) germline mutational spectrum



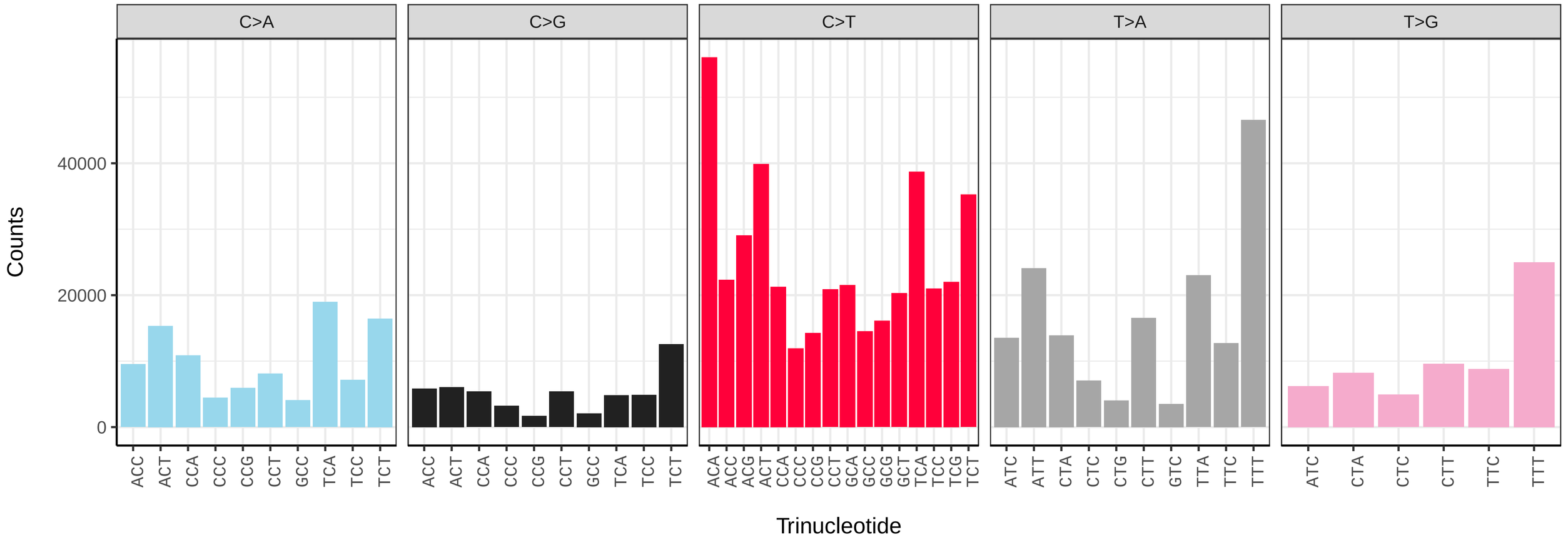
Synanthedon formicaeformis (ilSynForm1) somatic mutational spectrum (SBS96 classification)



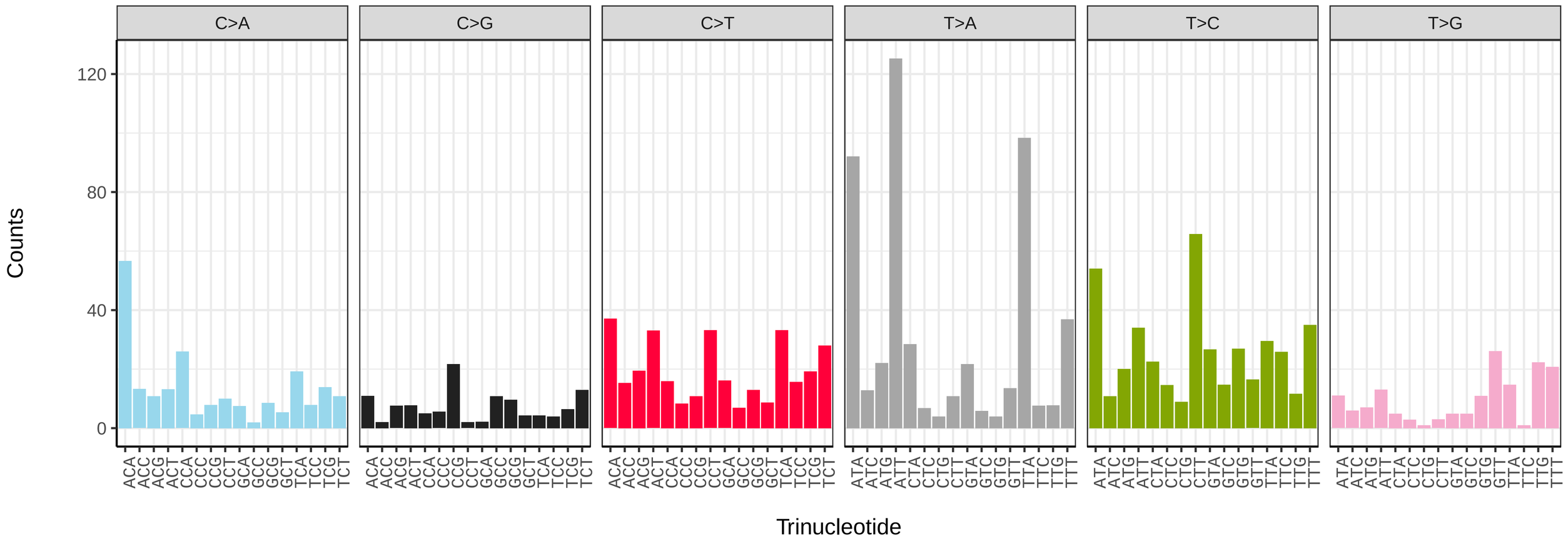
Synanthedon formicaeformis (ilSynForm1) somatic mutational spectrum (SBS52 classification)



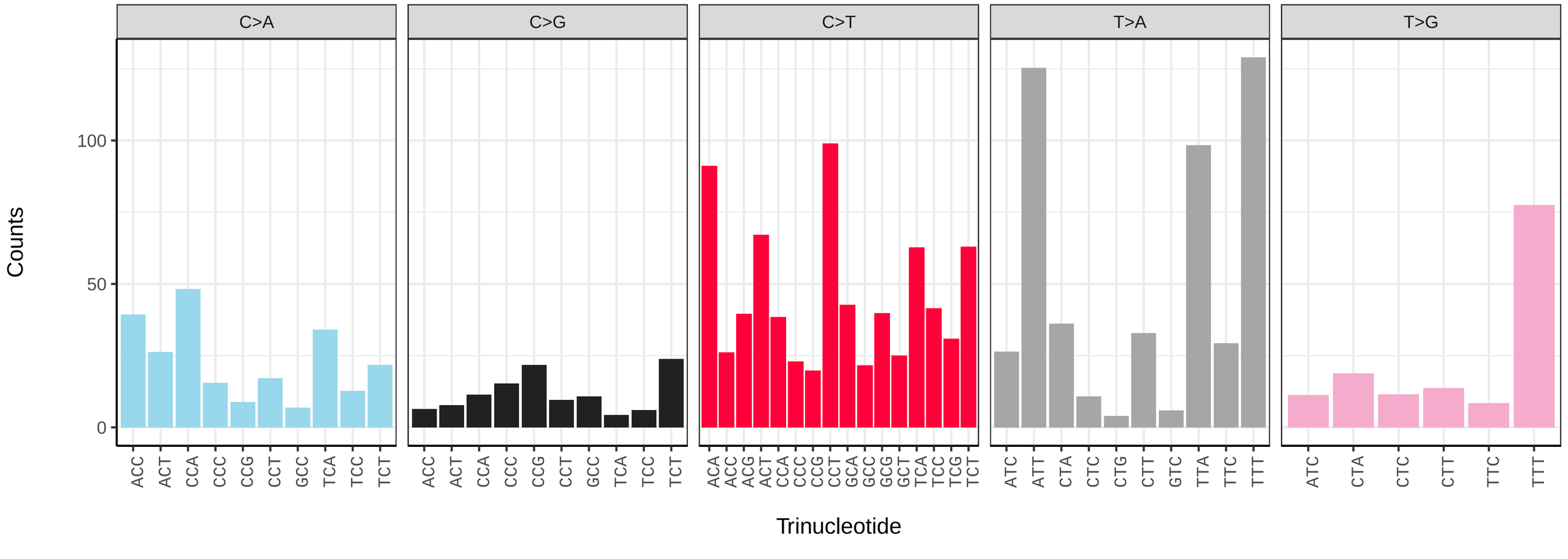
Synanthedon myopaeformis (ilSynMyop1) germline mutational spectrum



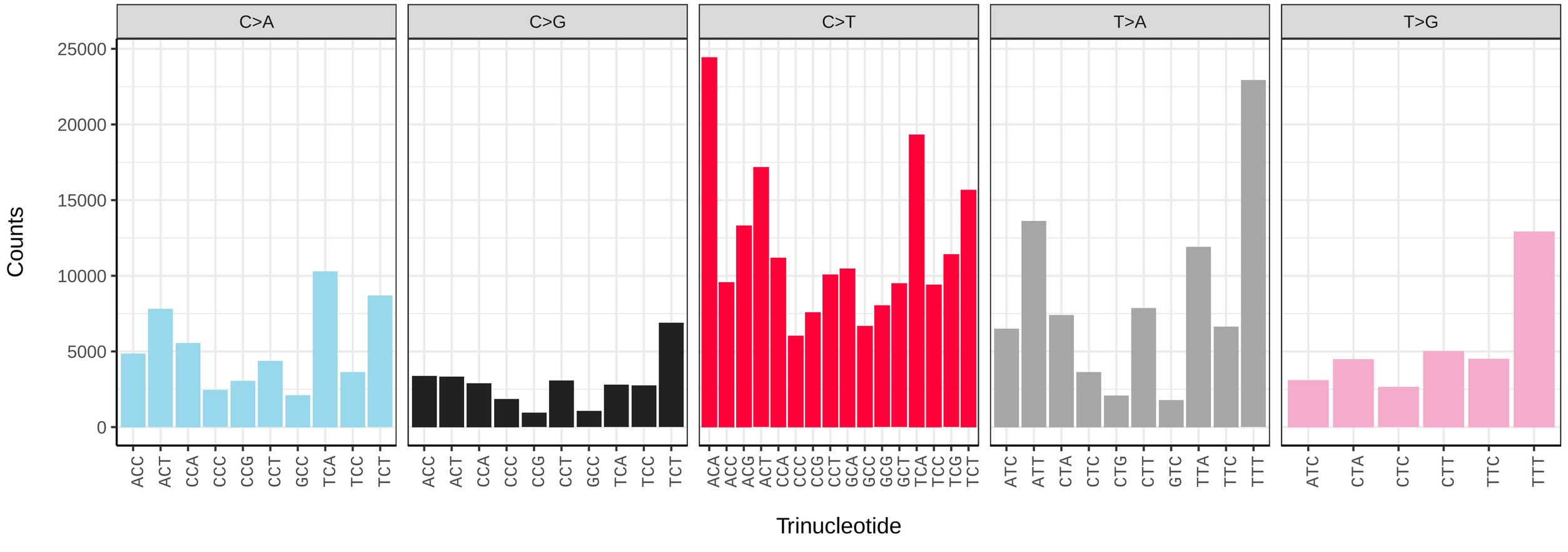
Synanthedon myopaeformis (ilSynMyop1) somatic mutational spectrum (SBS96 classification)



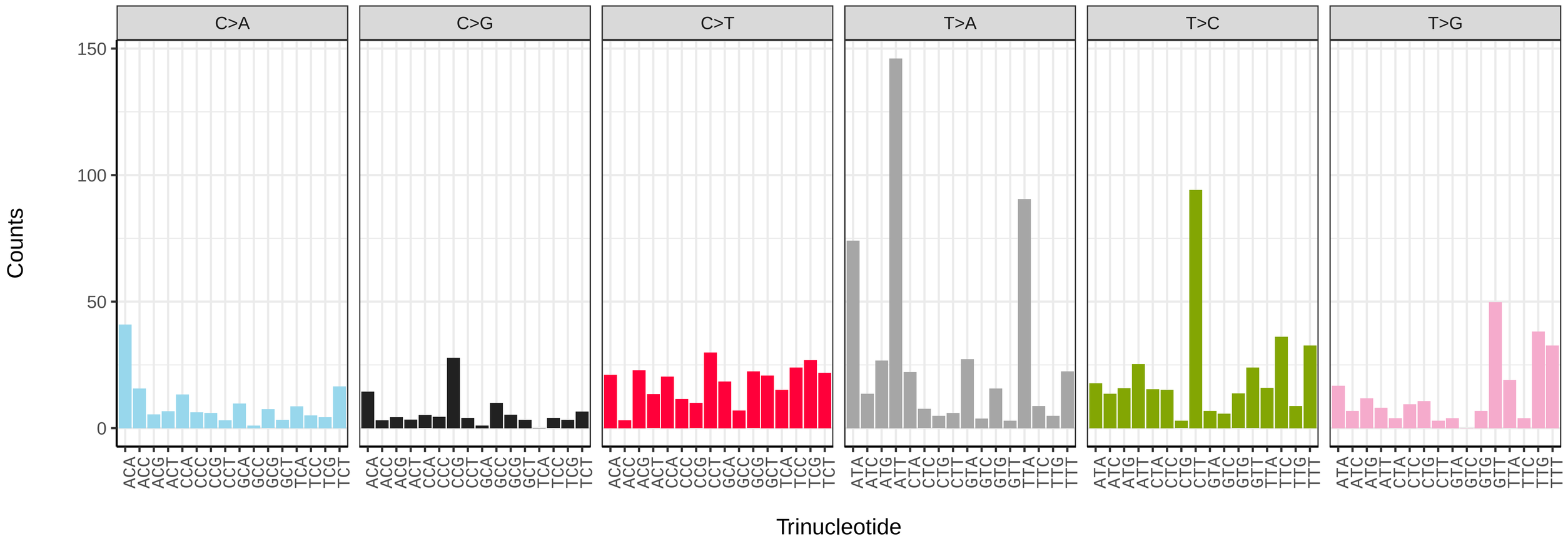
Synanthedon myopaeformis (ilSynMyop1) somatic mutational spectrum (SBS52 classification)



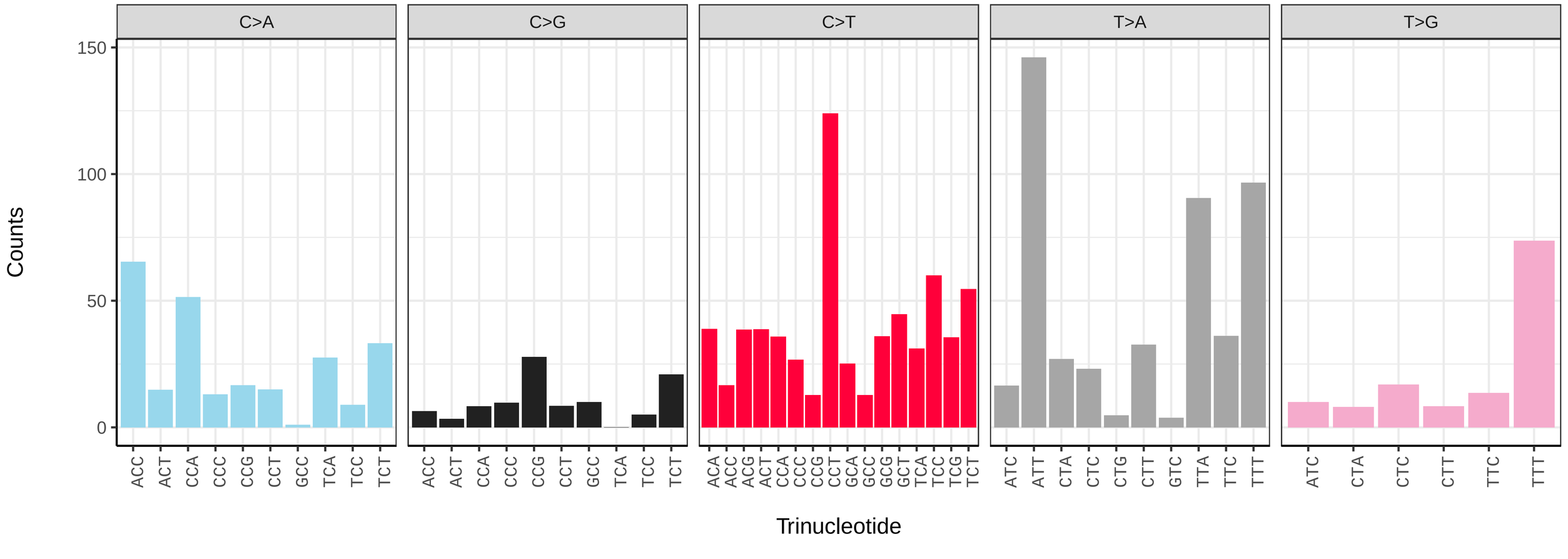
Synanthedon tipuliformis (ilSynTipu2) germline mutational spectrum



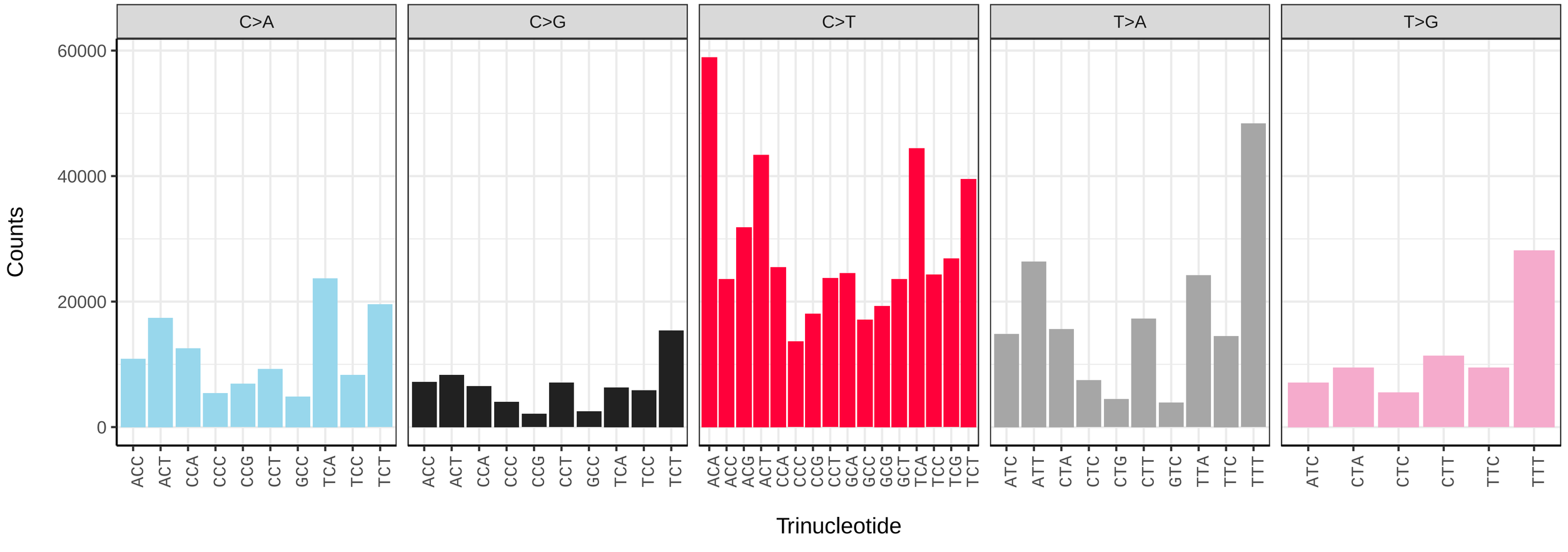
Synanthedon tipuliformis (ilSynTipu2) somatic mutational spectrum (SBS96 classification)



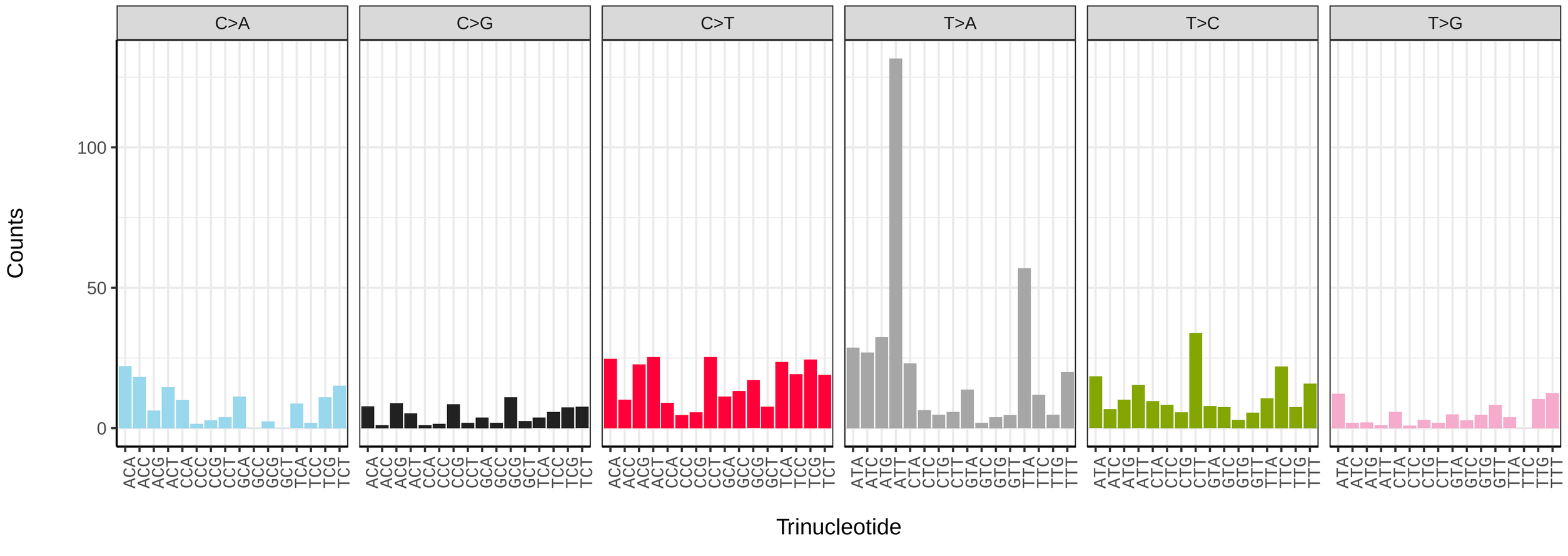
Synanthedon tipuliformis (ilSynTipu2) somatic mutational spectrum (SBS52 classification)



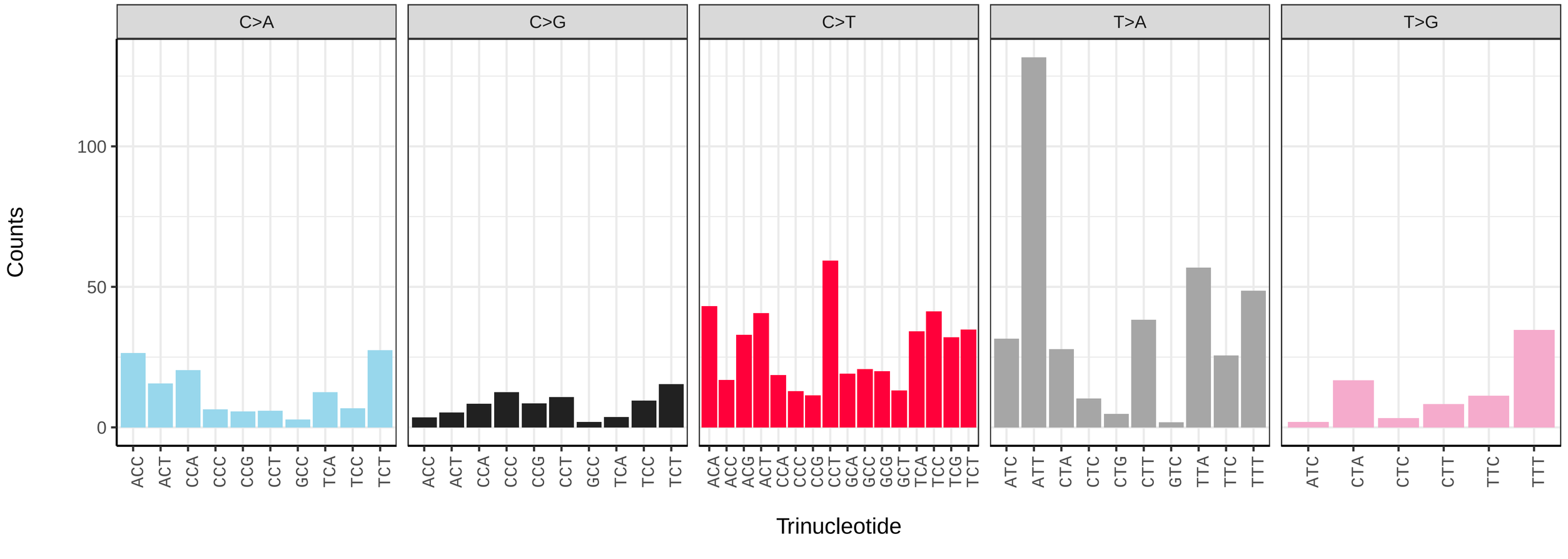
Synanthedon vespiformis (ilSynVesp1) germline mutational spectrum



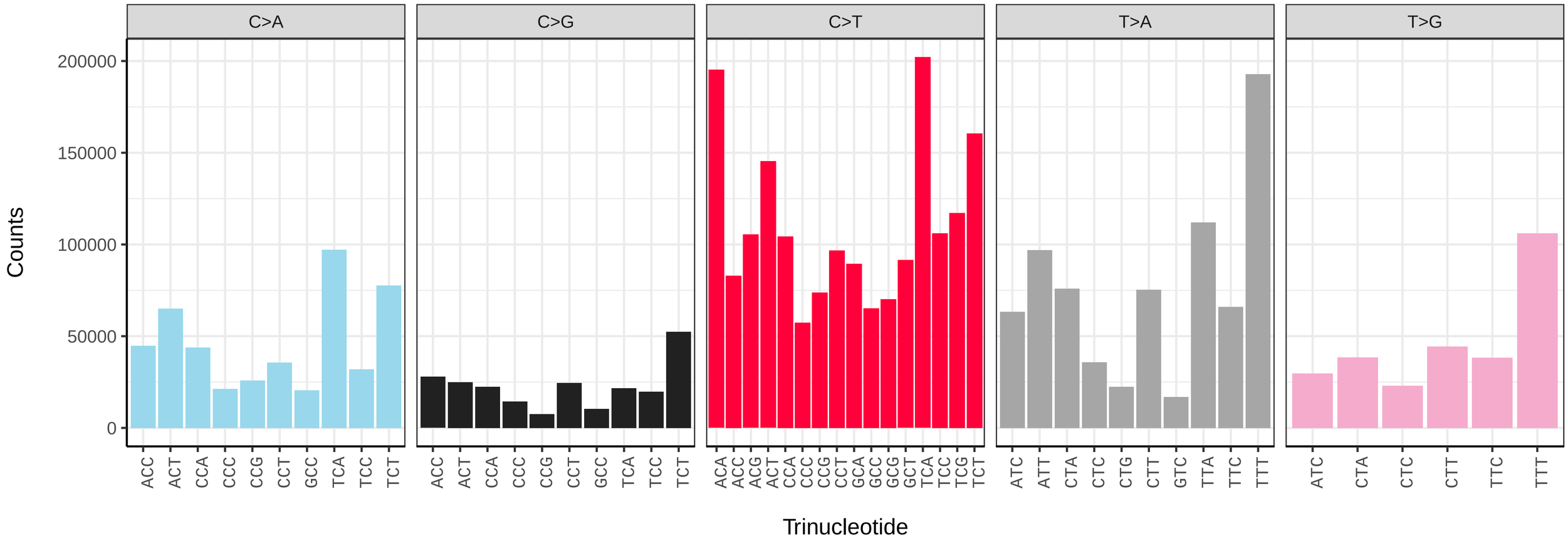
Synanthedon vespiformis (ilSynVesp1) somatic mutational spectrum (SBS96 classification)



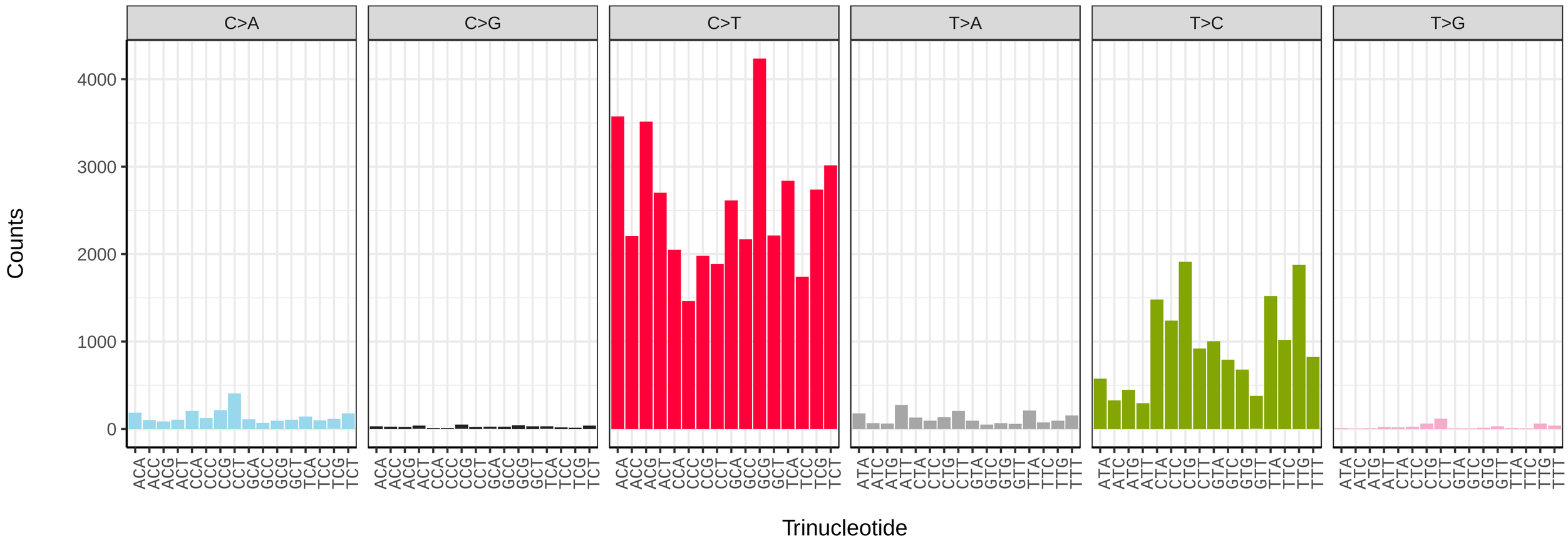
Synanthedon vespiformis (ilSynVesp1) somatic mutational spectrum (SBS52 classification)



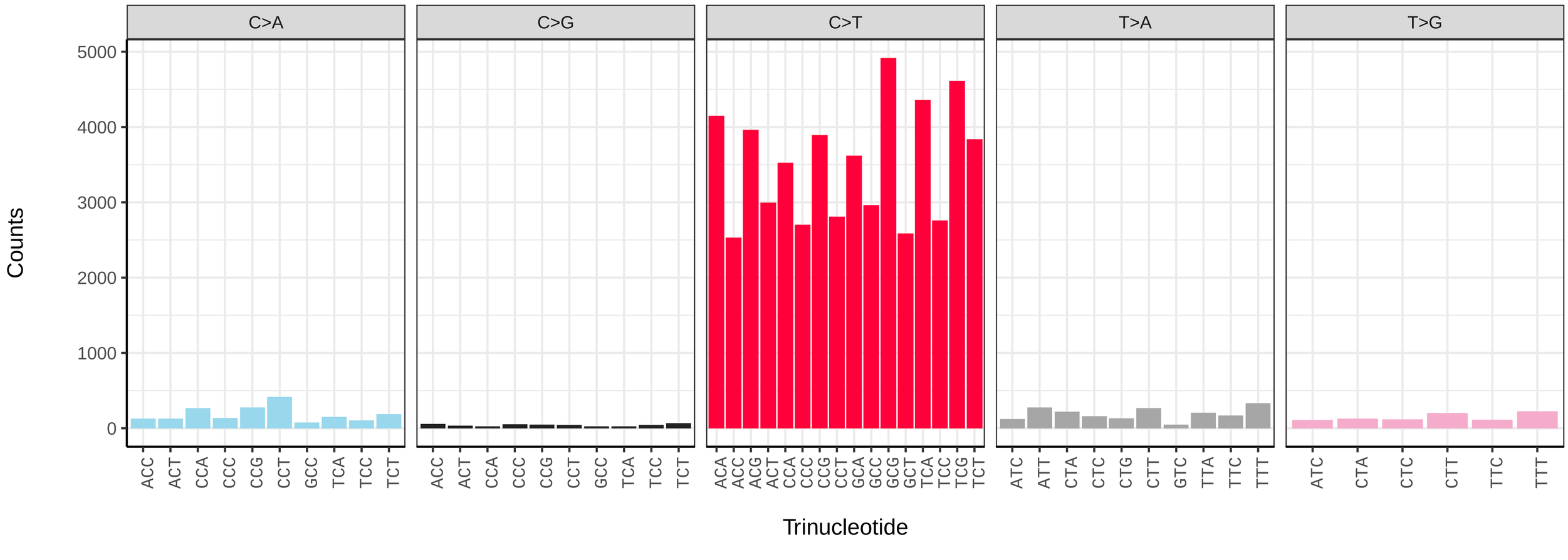
Teleiodes luculella (ilTelLucu1) germline mutational spectrum



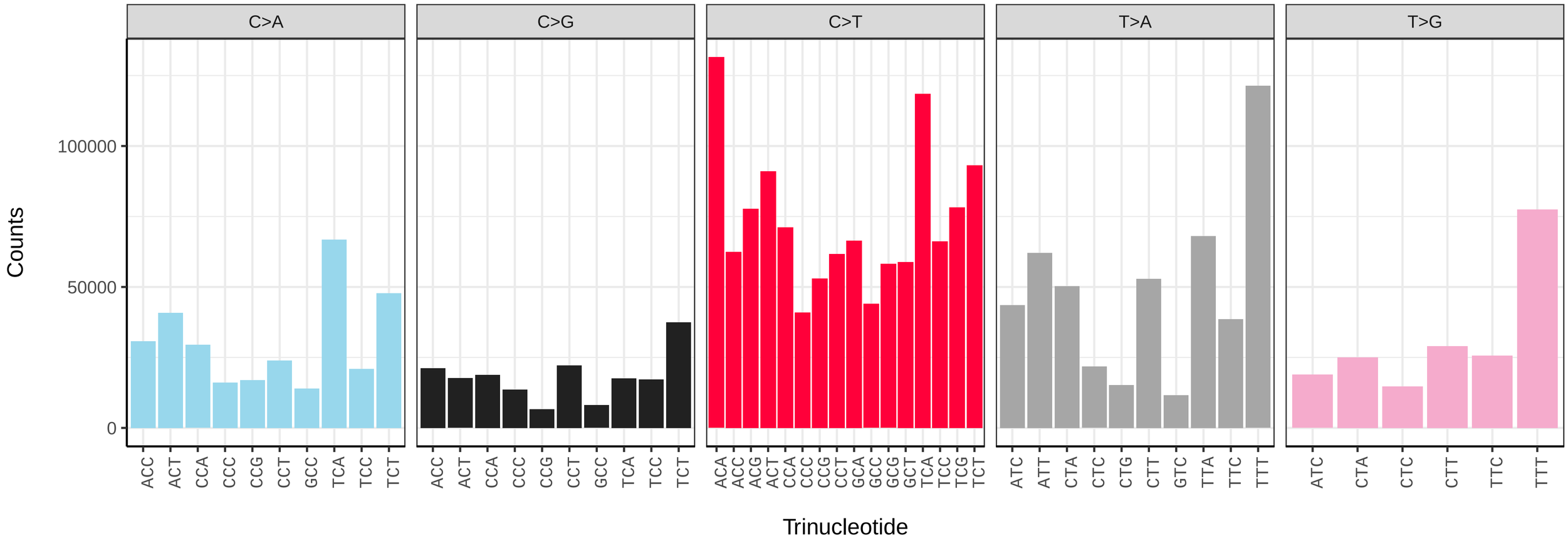
Teleiodes luculella (ilTelLucu1) somatic mutational spectrum (SBS96 classification)



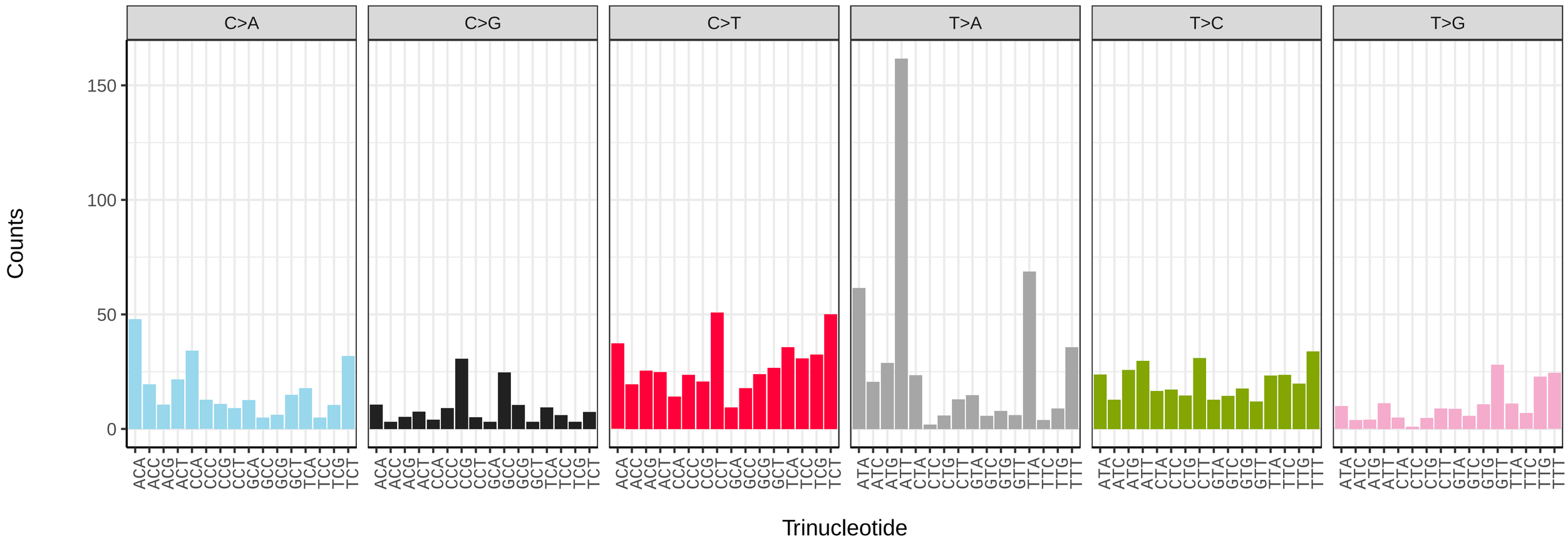
Teleiodes luculella (ilTelLucu1) somatic mutational spectrum (SBS52 classification)



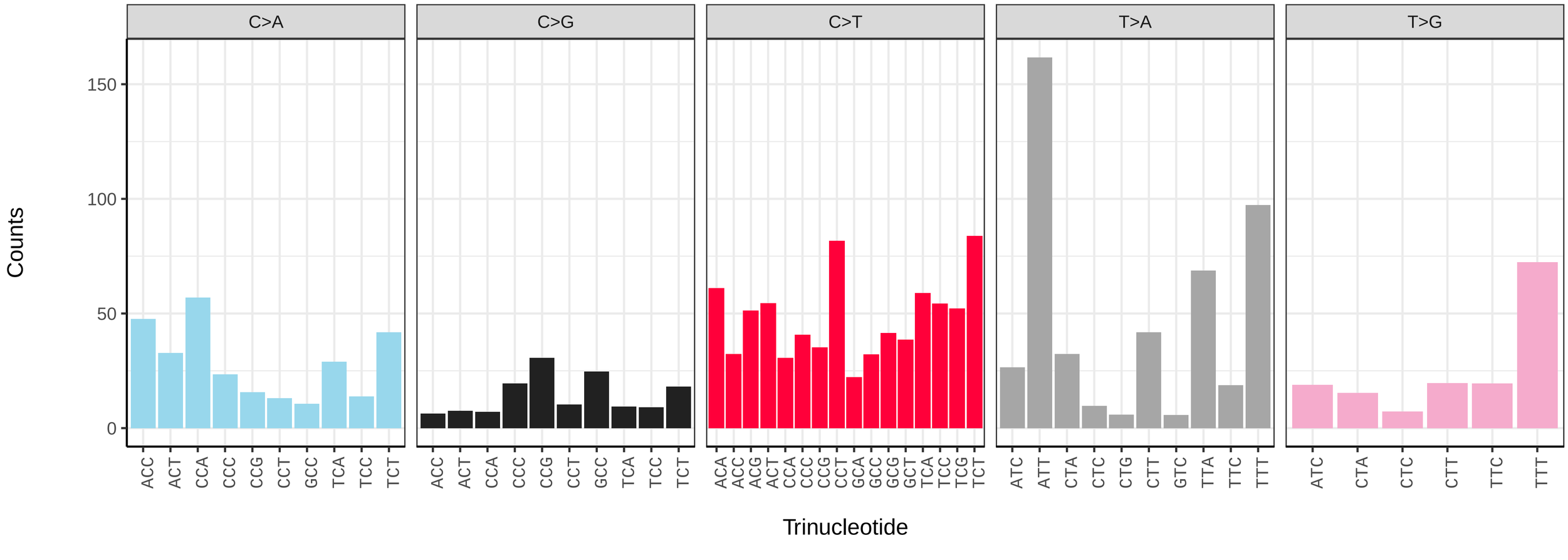
Thalpophila matura (ilThaMatu1) germline mutational spectrum



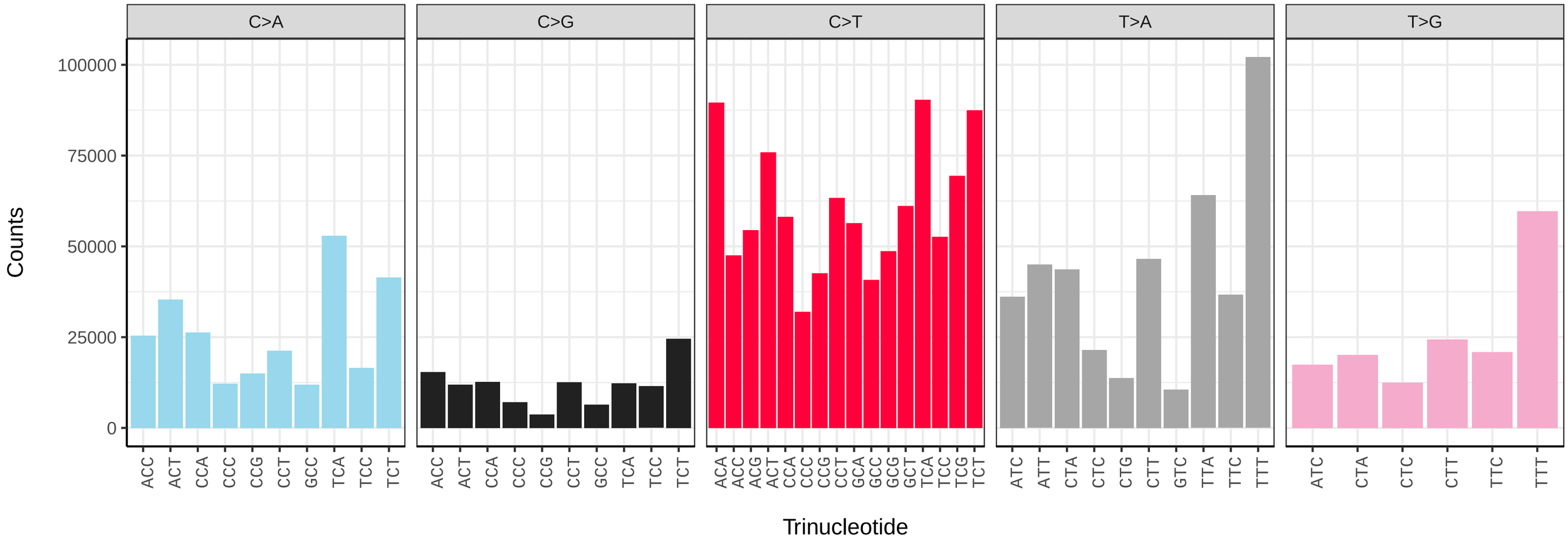
Thalpophila matura (ilThaMatu1) somatic mutational spectrum (SBS96 classification)



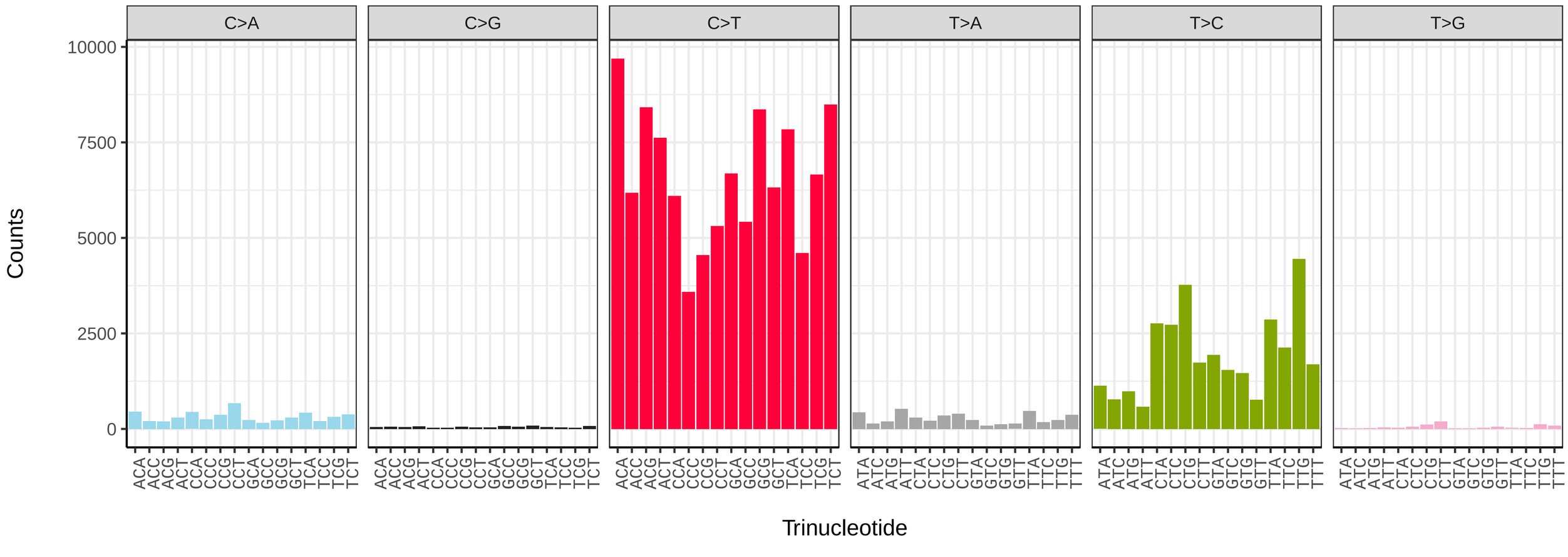
Thalpophila matura (ilThaMatu1) somatic mutational spectrum (SBS52 classification)



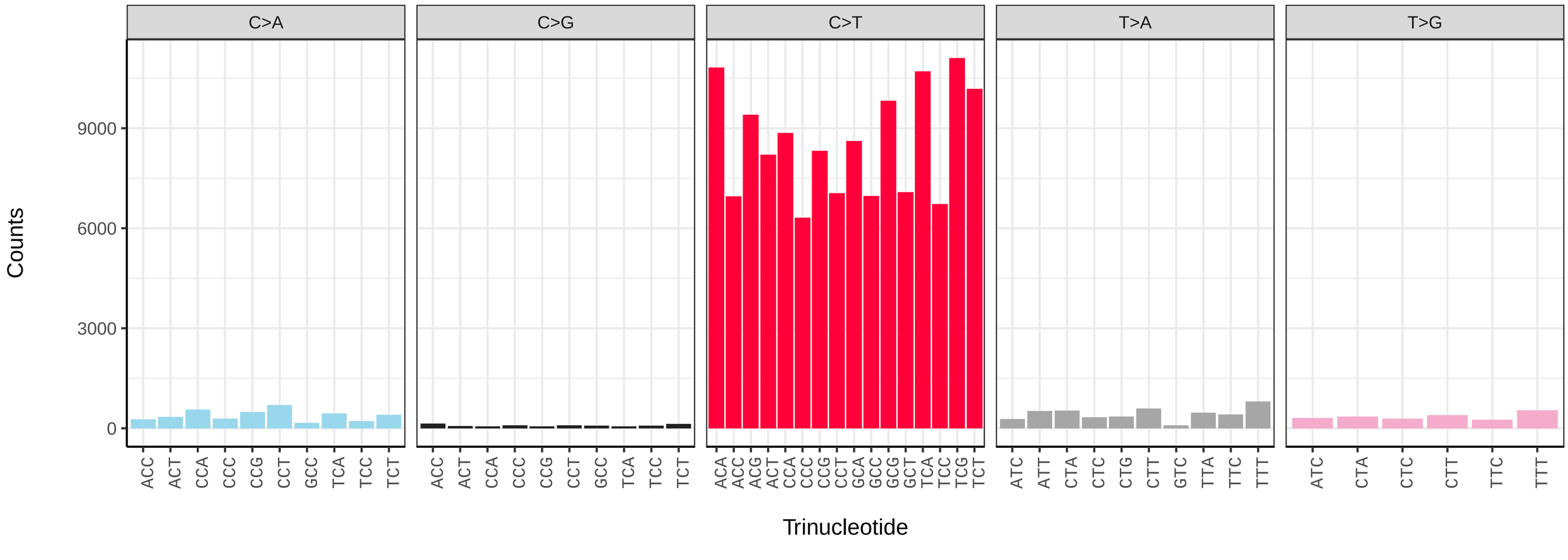
Thera britannica (ilTheBrit1) germline mutational spectrum



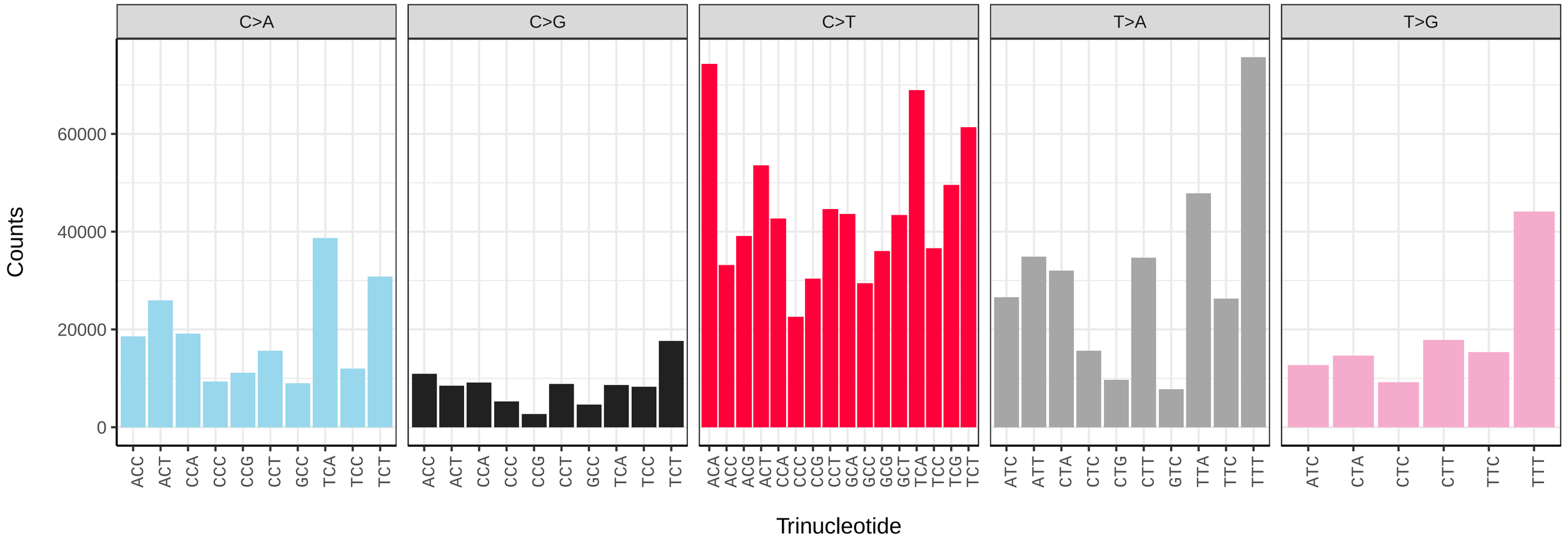
Thera britannica (ilTheBrit1) somatic mutational spectrum (SBS96 classification)



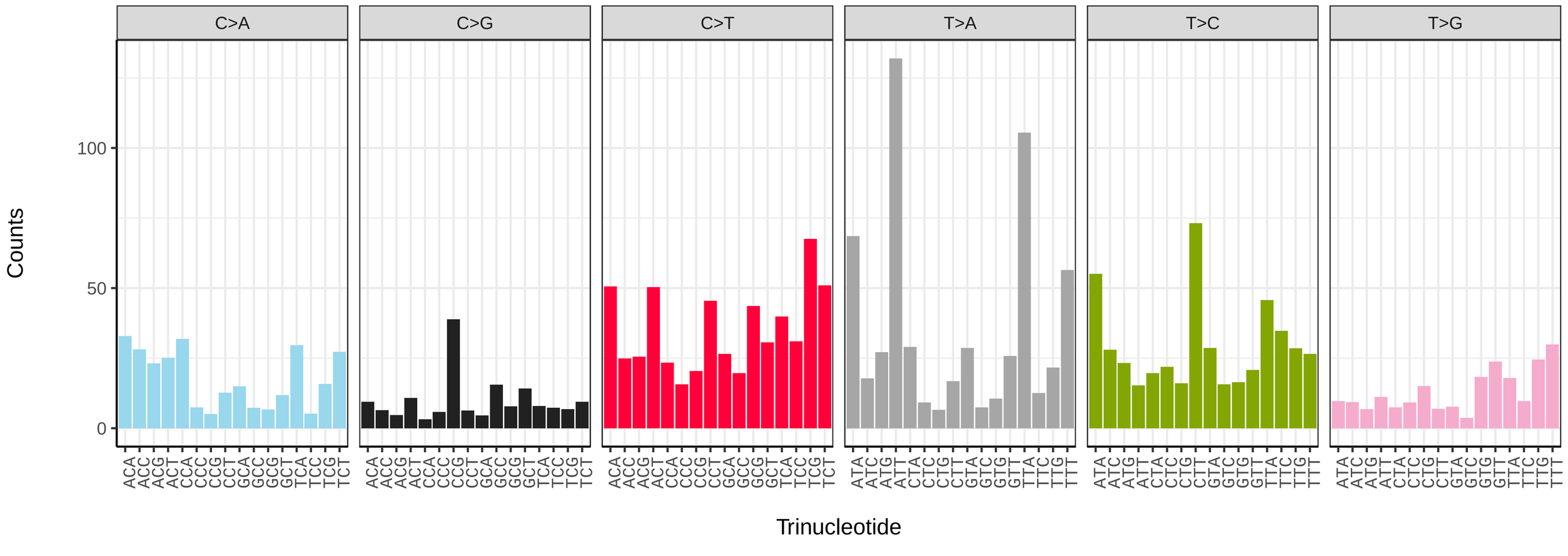
Thera britannica (ilTheBrit1) somatic mutational spectrum (SBS52 classification)



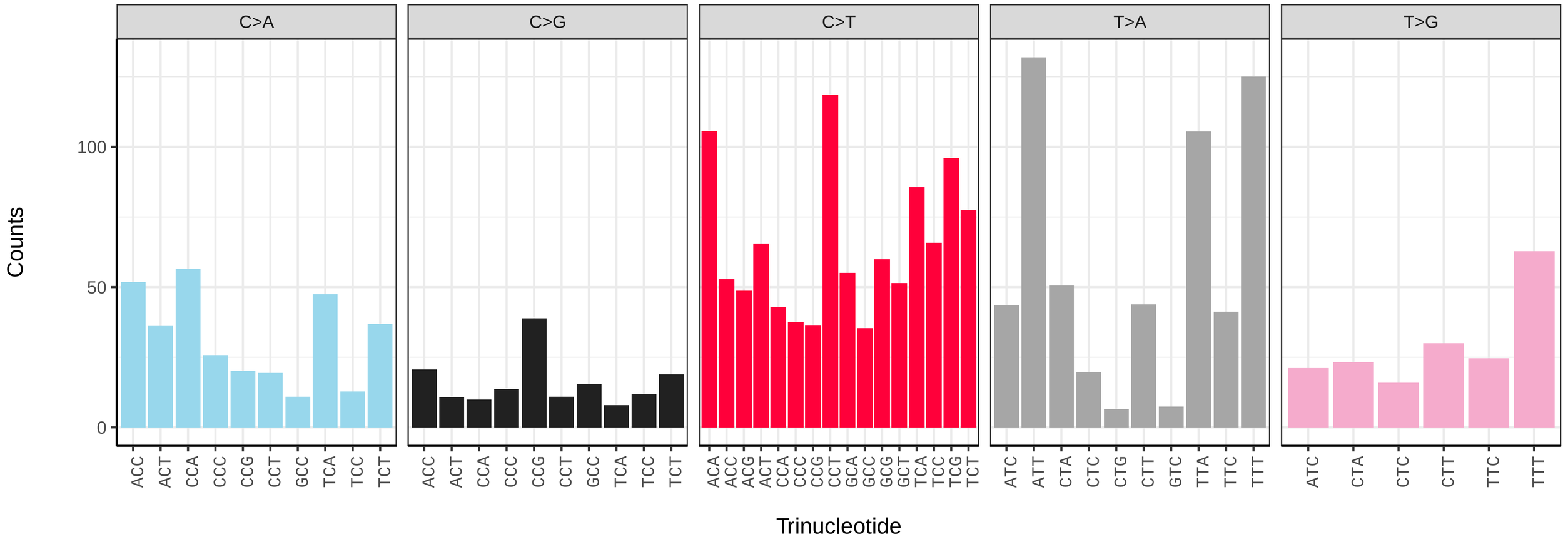
Thera obeliscata (ilTheObel3) germline mutational spectrum



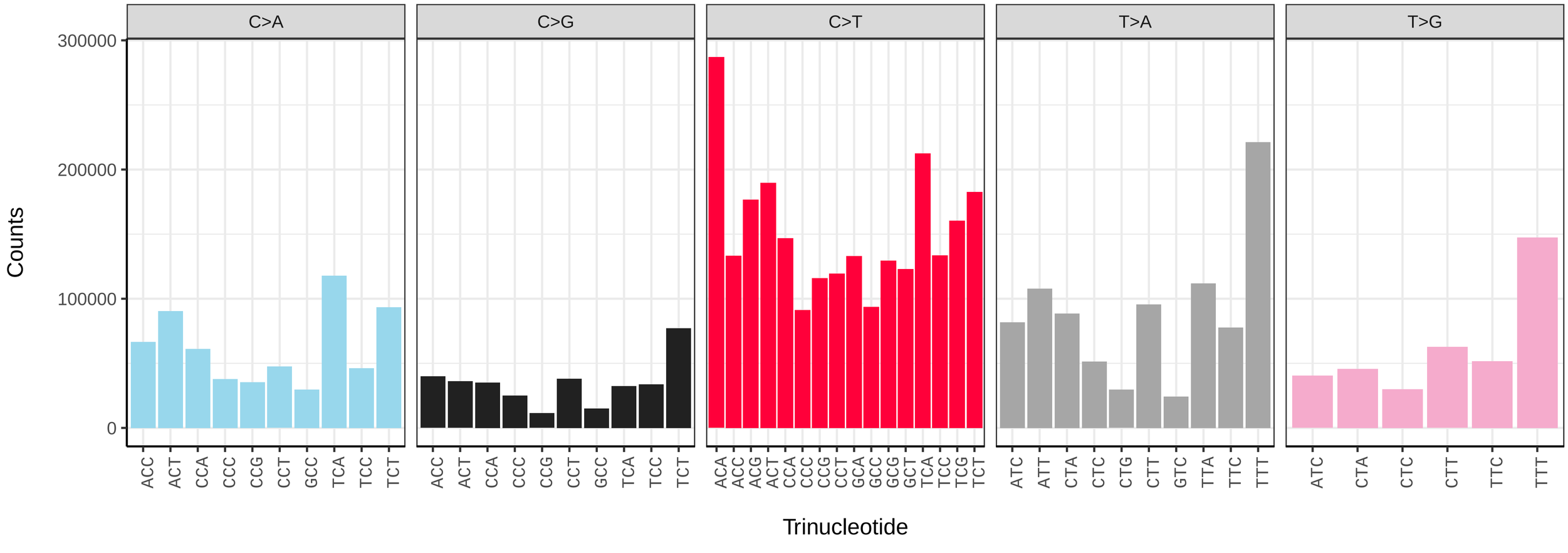
Thera obeliscata (ilTheObel3) somatic mutational spectrum (SBS96 classification)



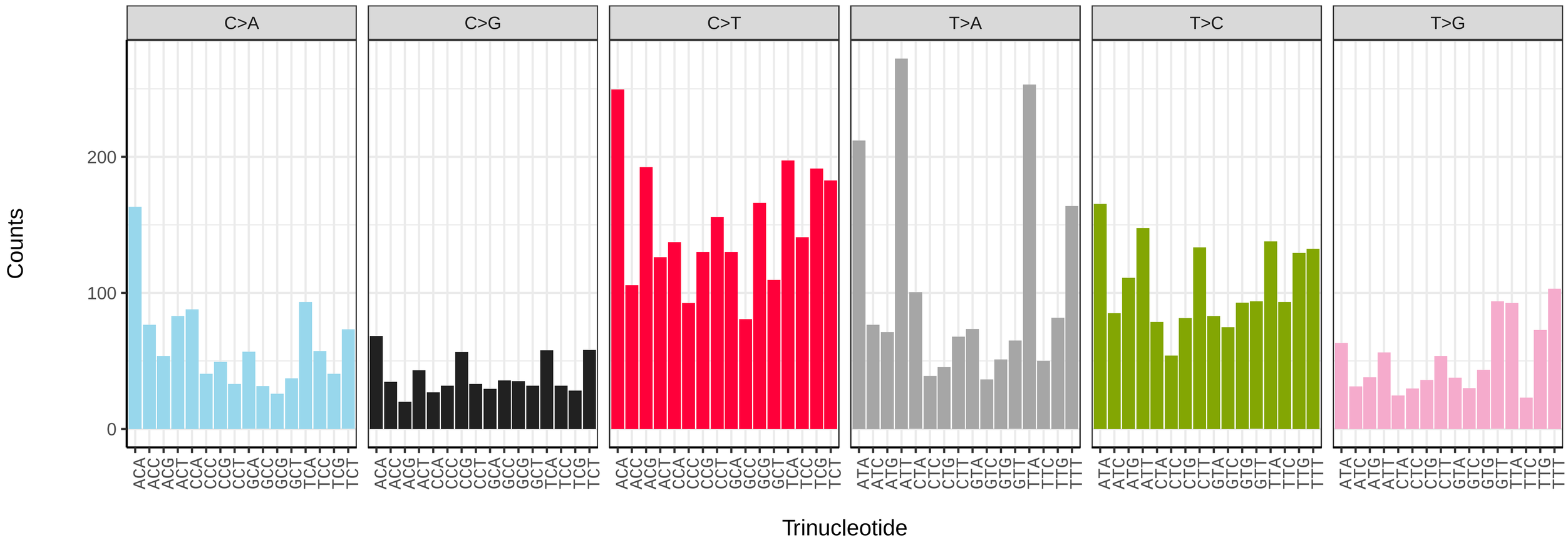
Thera obeliscata (ilTheObel3) somatic mutational spectrum (SBS52 classification)



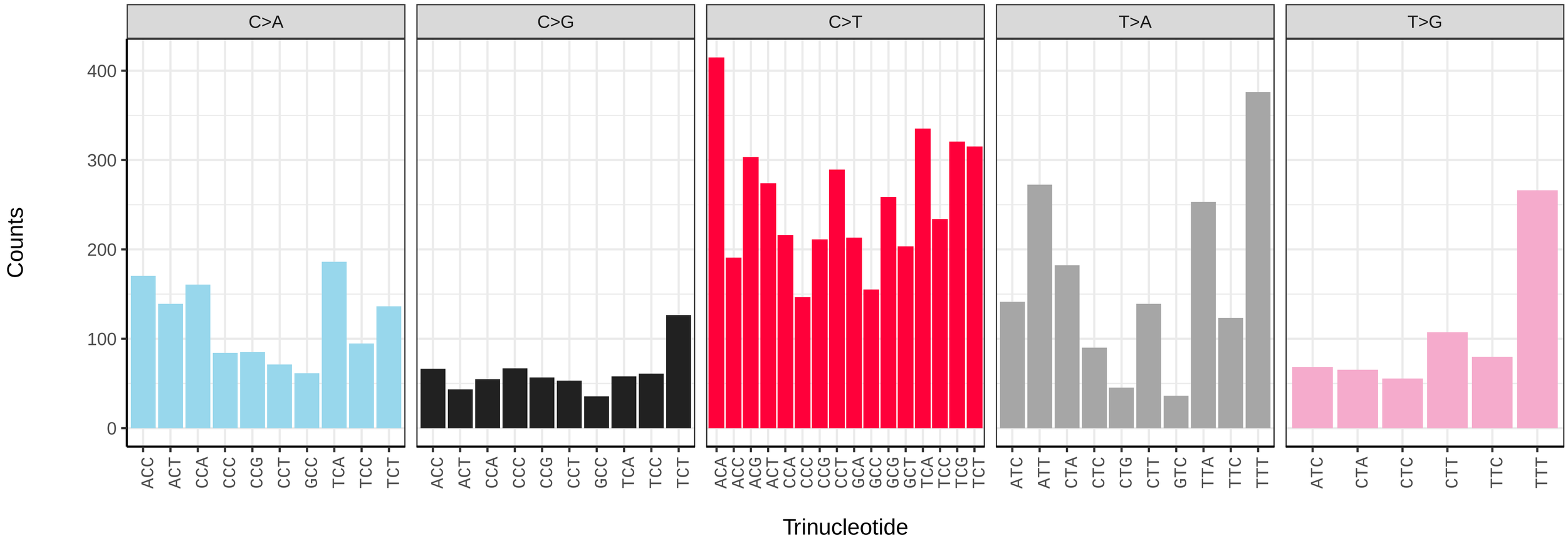
Tholera decimalis (ilThoDeci1) germline mutational spectrum



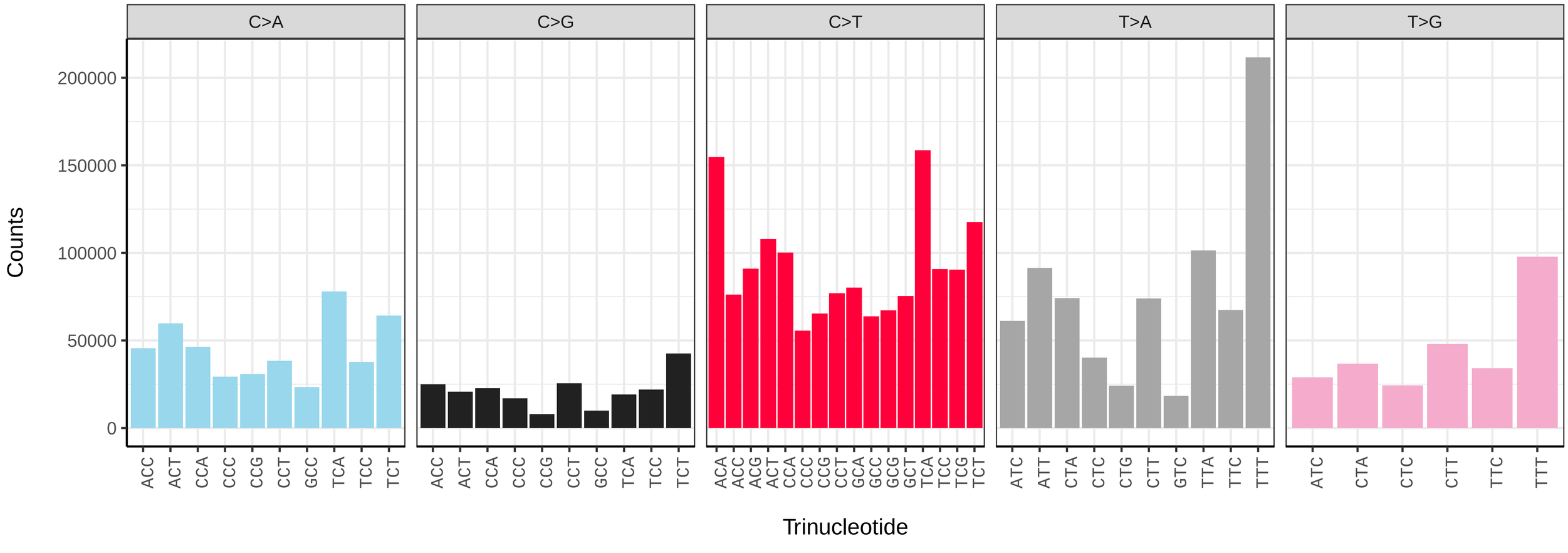
Tholera decimalis (ilThoDeci1) somatic mutational spectrum (SBS96 classification)



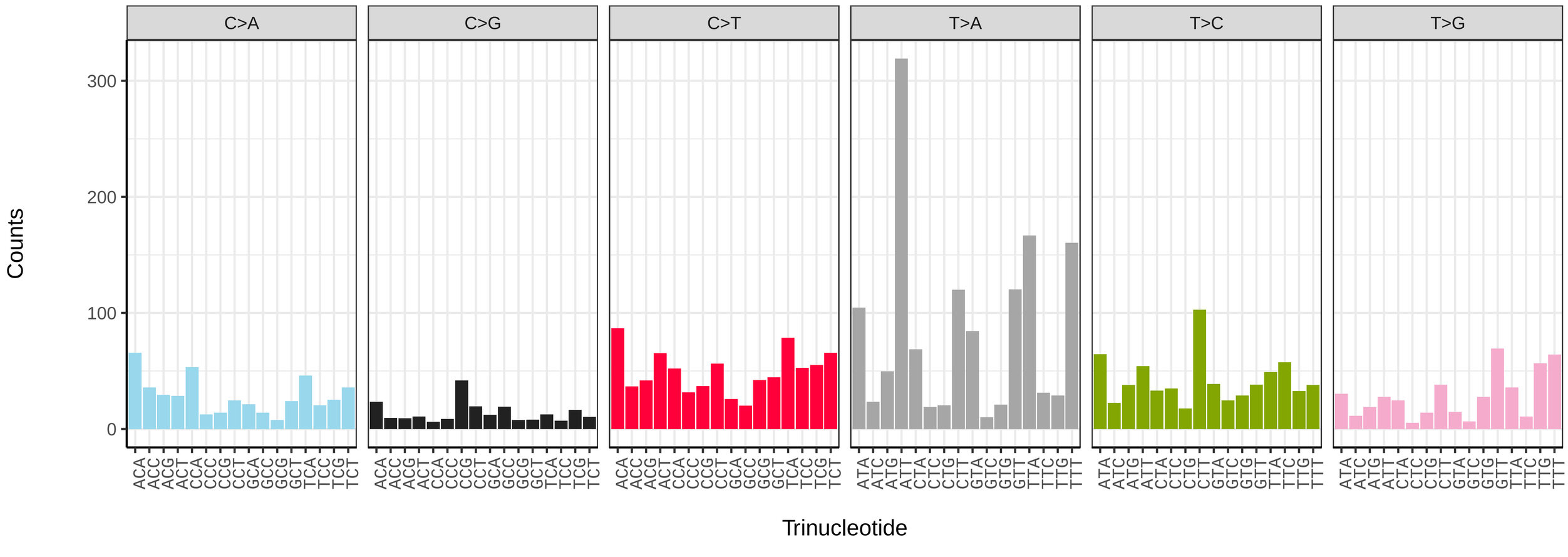
Tholera decimalis (ilThoDeci1) somatic mutational spectrum (SBS52 classification)



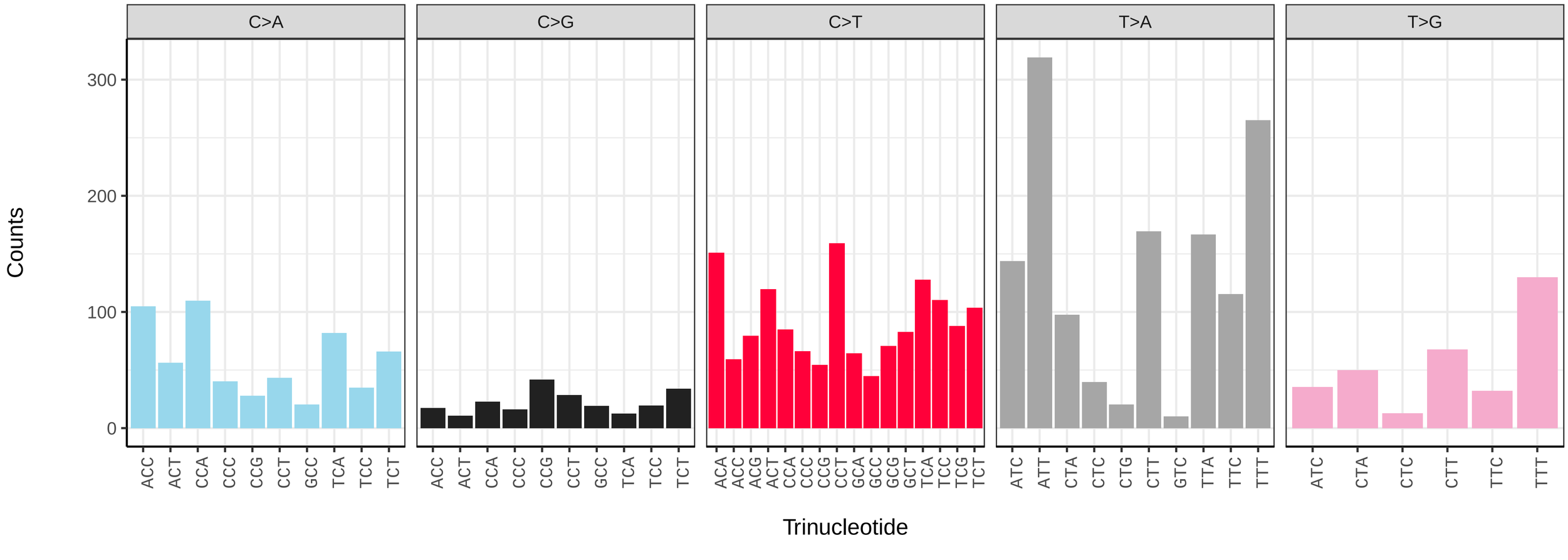
Thumatha senex (ilThuSene1) germline mutational spectrum



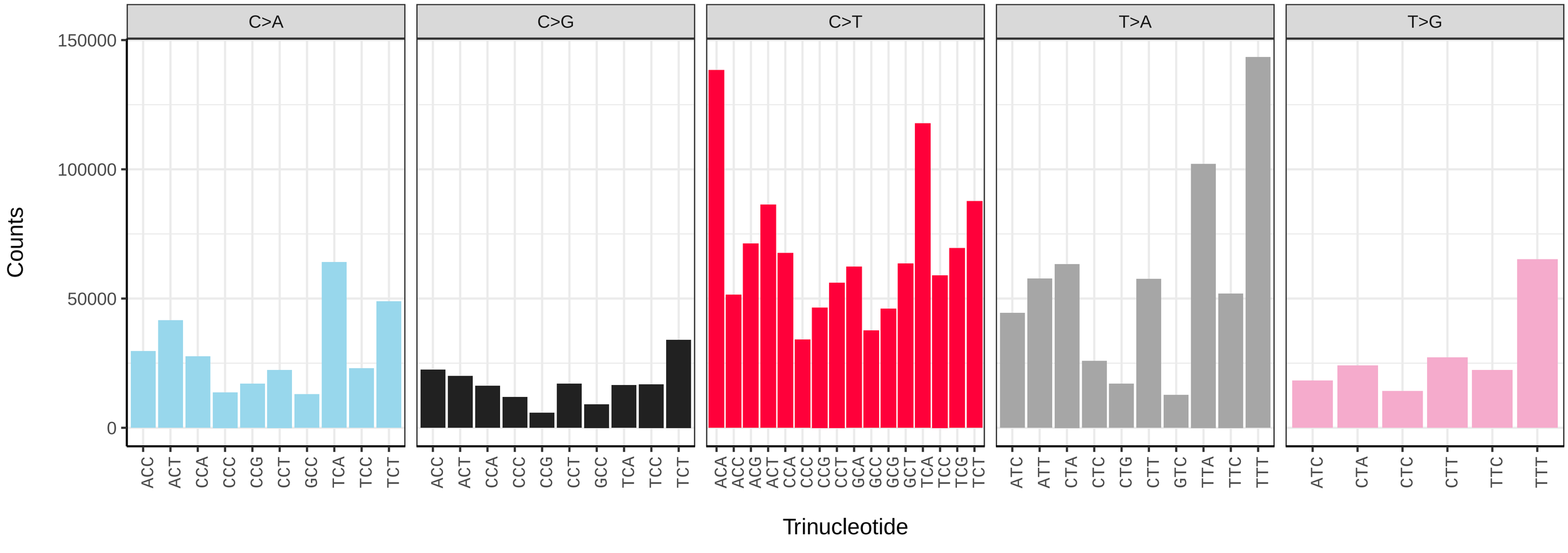
Thumatha senex (ilThuSene1) somatic mutational spectrum (SBS96 classification)



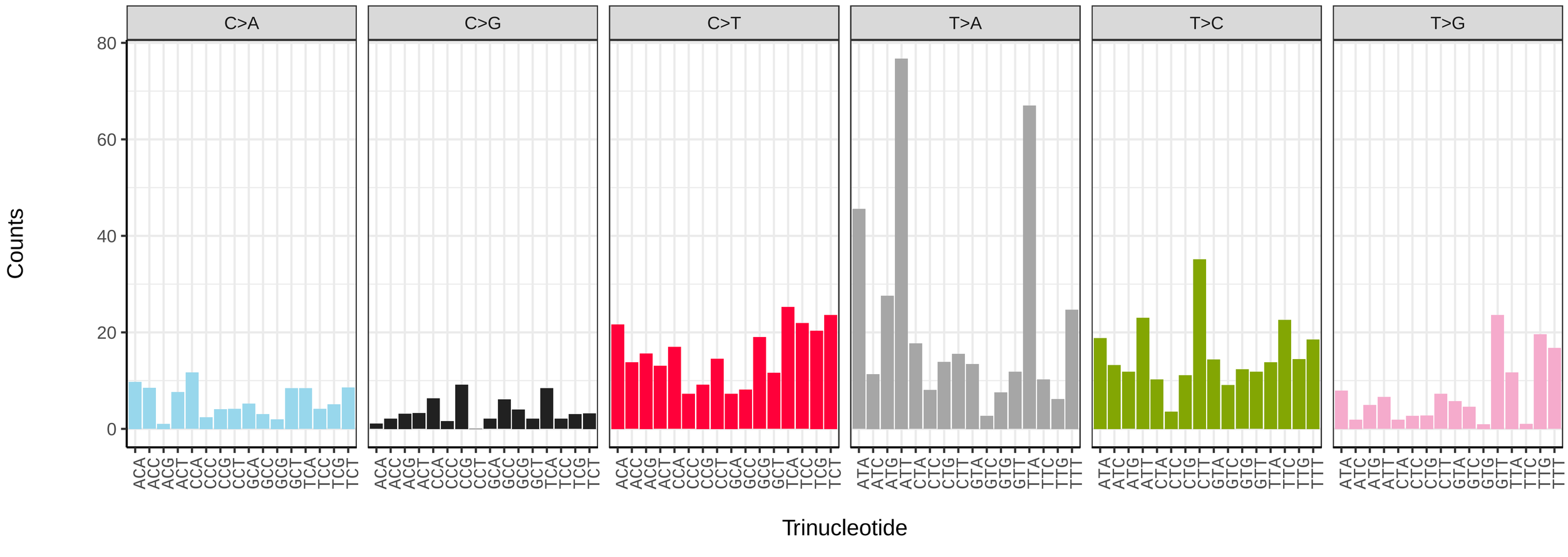
Thumatha senex (ilThuSene1) somatic mutational spectrum (SBS52 classification)



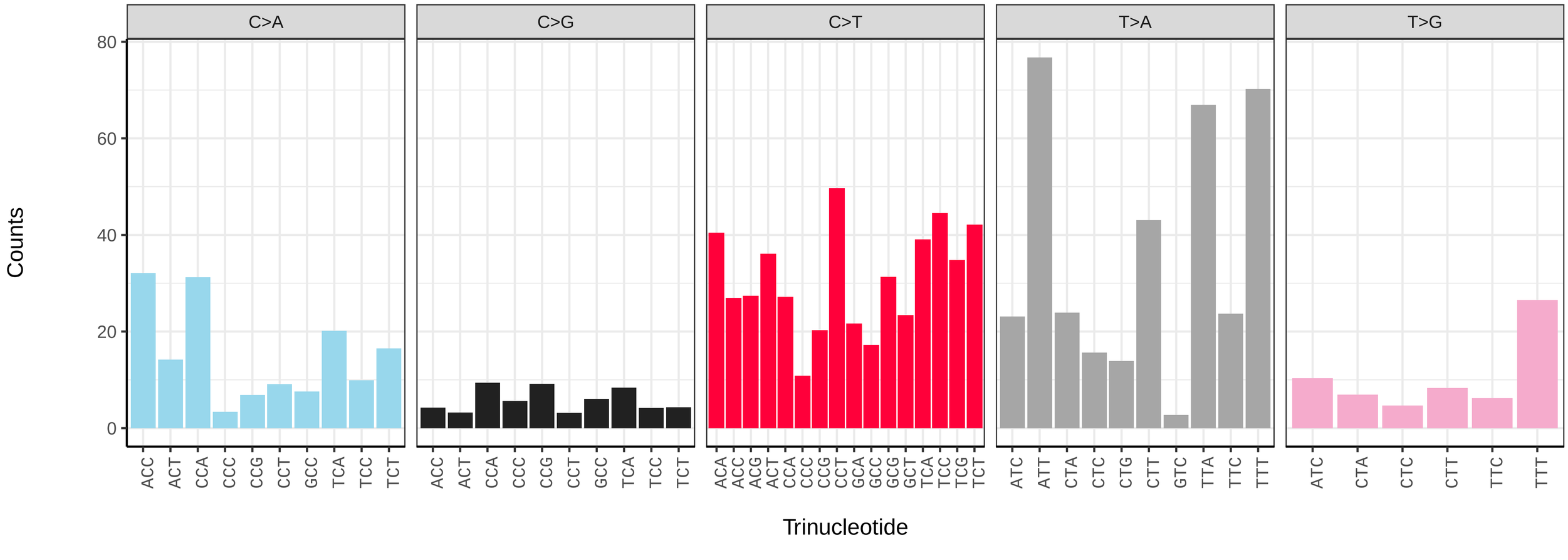
Thyatira batis (ilThyBati1) germline mutational spectrum



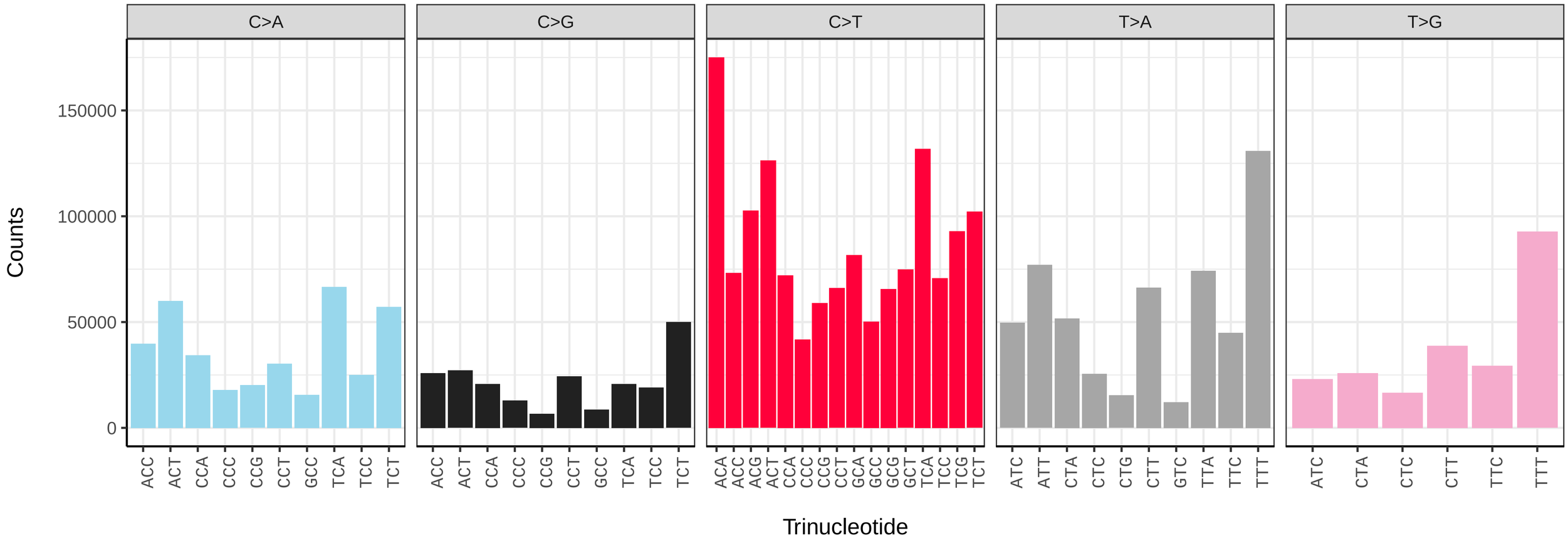
Thyatira batis (ilThyBati1) somatic mutational spectrum (SBS96 classification)



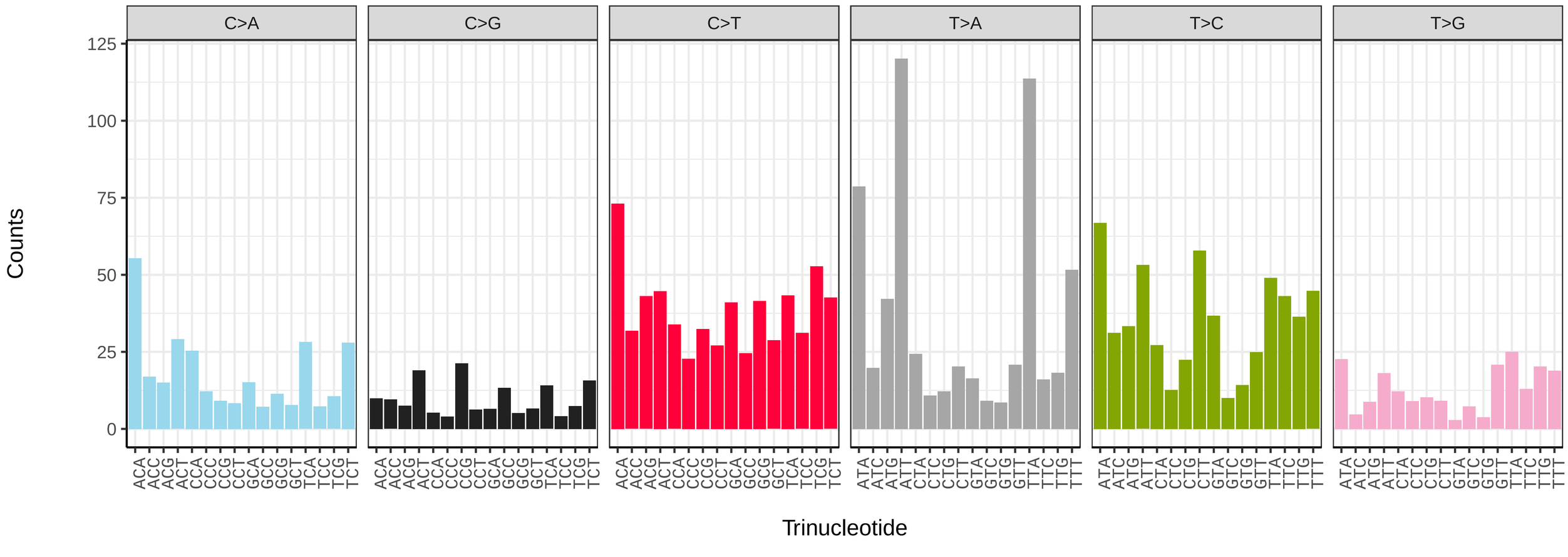
Thyatira batis (ilThyBati1) somatic mutational spectrum (SBS52 classification)



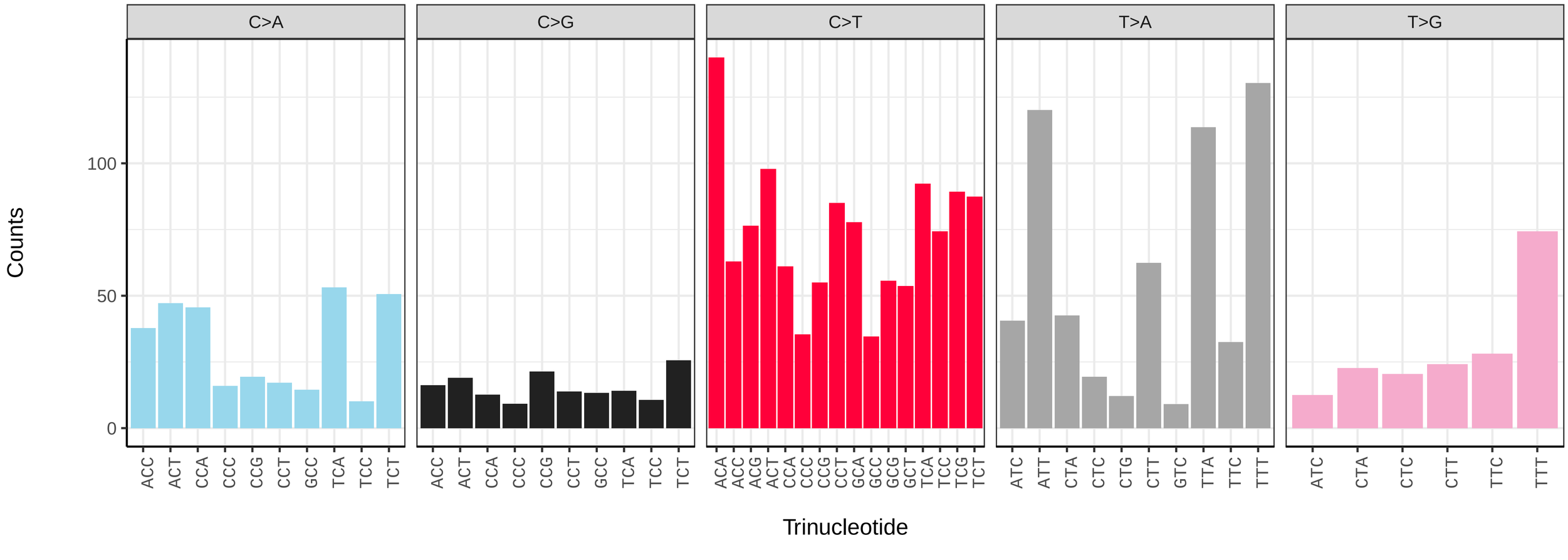
Thymelicus sylvestris (ilThySylv1) germline mutational spectrum



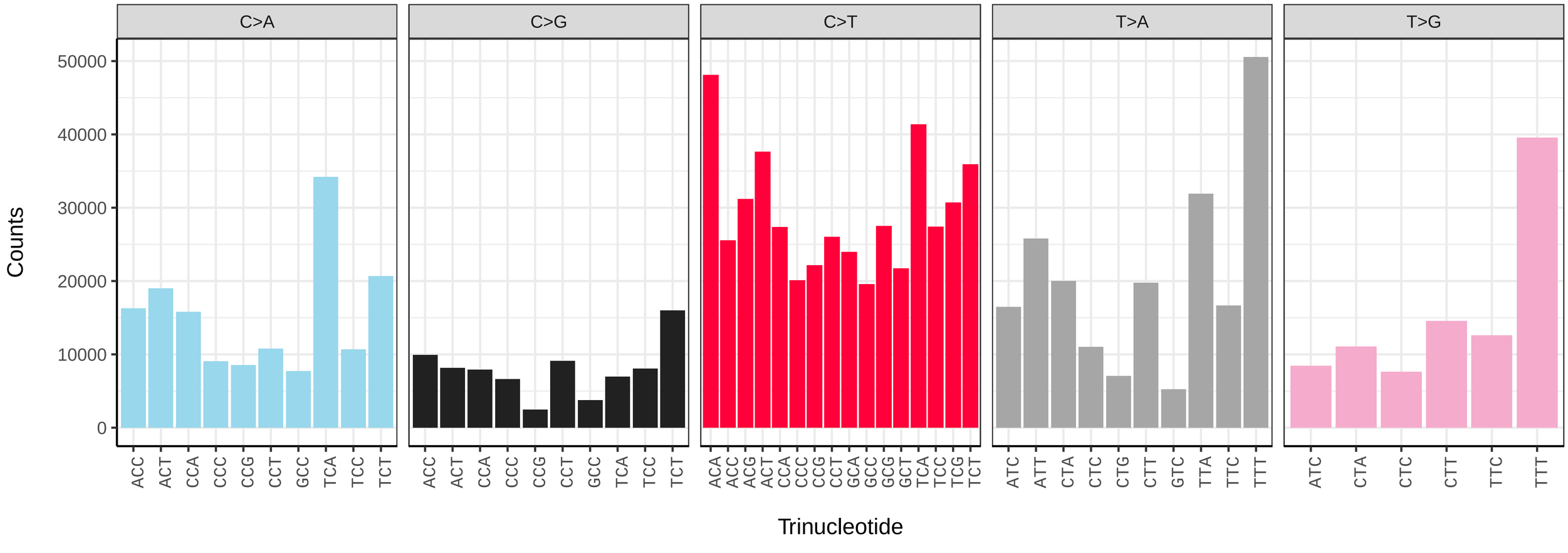
Thymelicus sylvestris (ilThySylv1) somatic mutational spectrum (SBS96 classification)



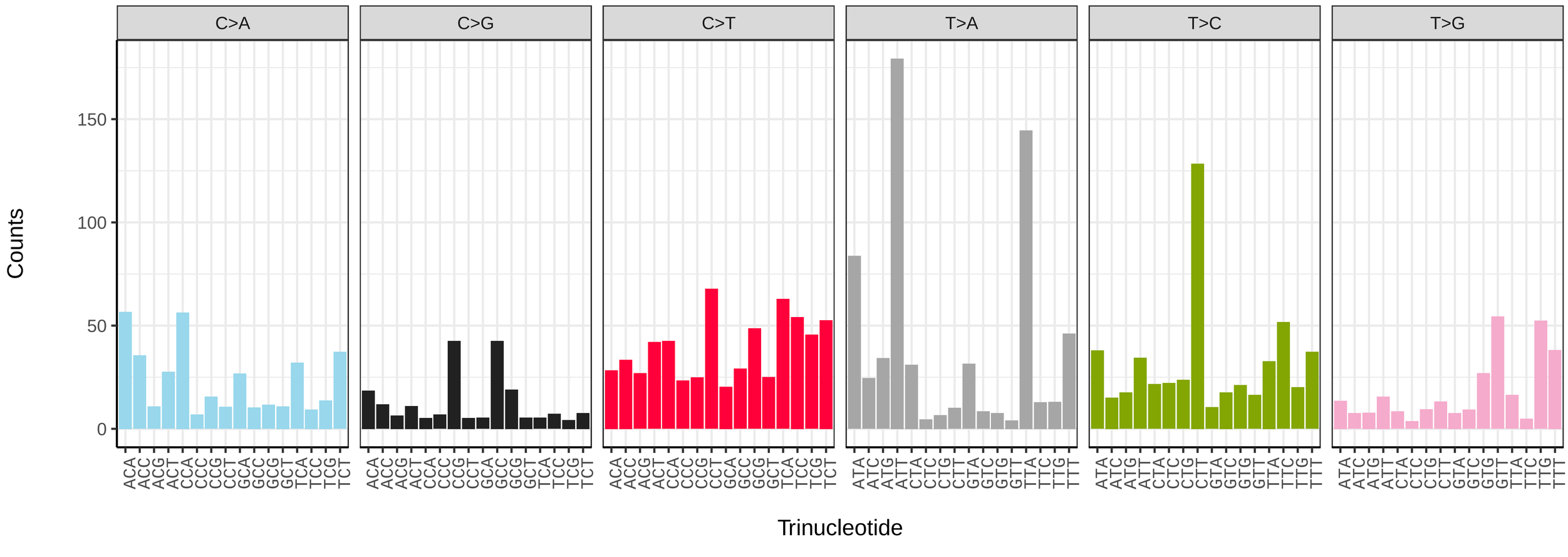
Thymelicus sylvestris (ilThySylv1) somatic mutational spectrum (SBS52 classification)



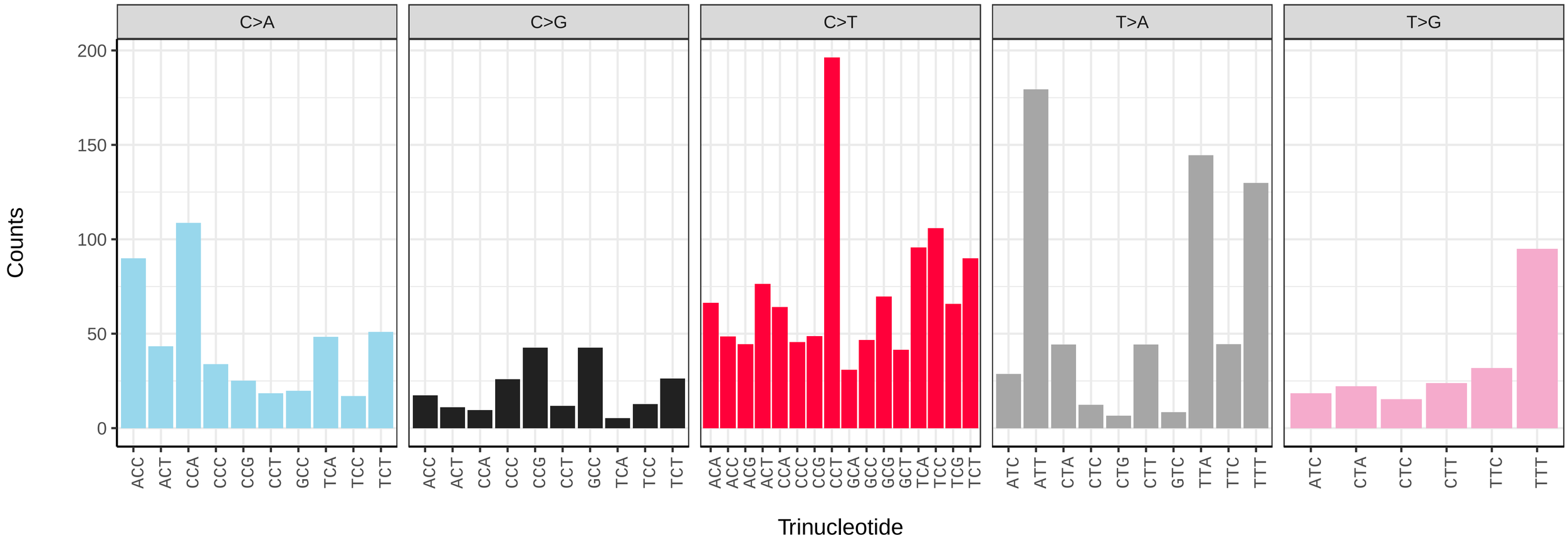
Tiliacea aurago (ilTilAura1) germline mutational spectrum



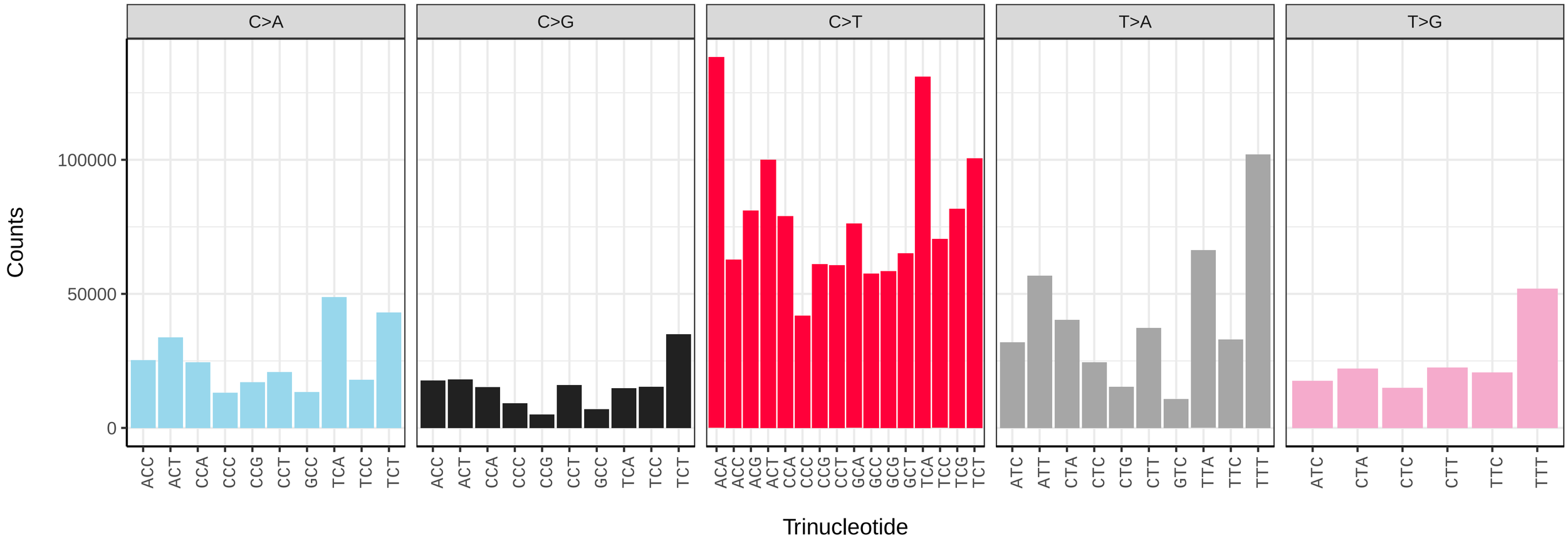
Tiliacea aurago (ilTilAura1) somatic mutational spectrum (SBS96 classification)



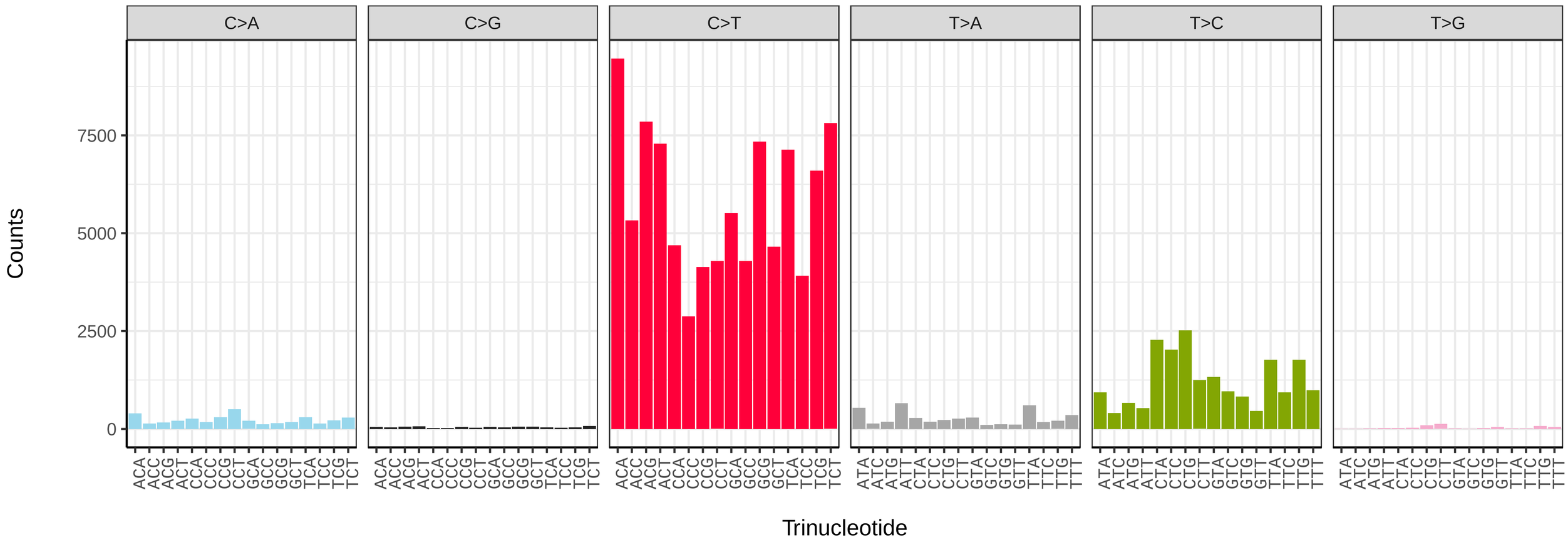
Tiliacea aurago (ilTilAura1) somatic mutational spectrum (SBS52 classification)



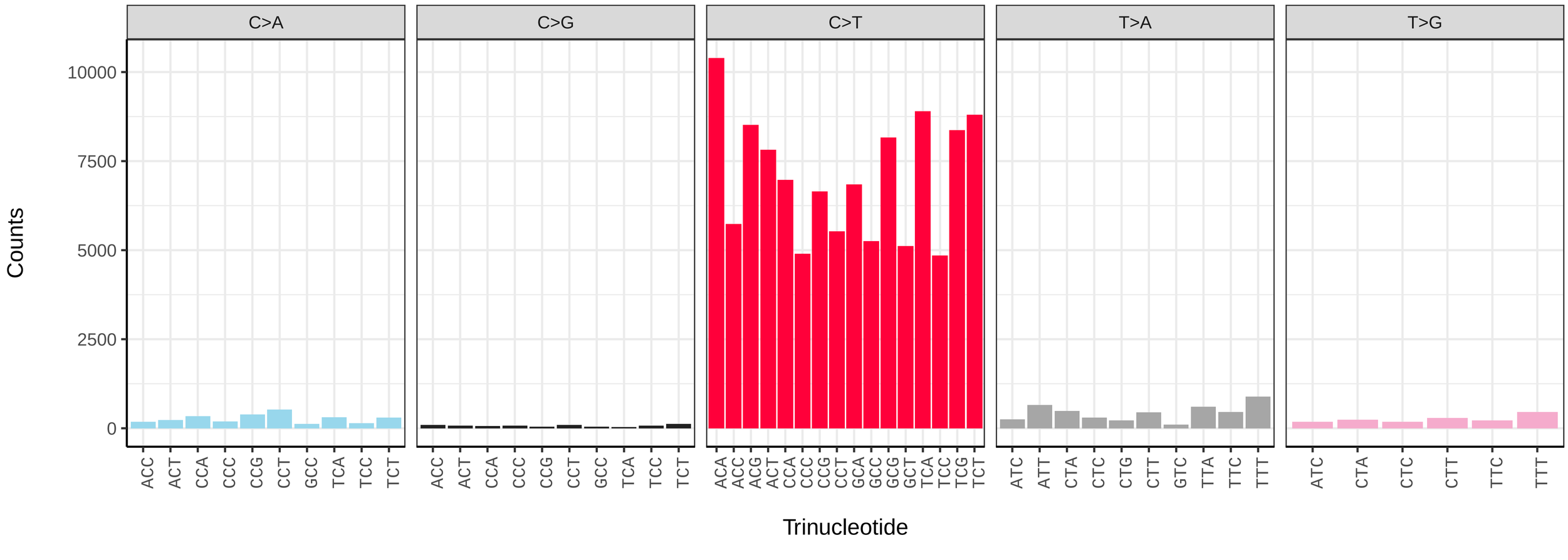
Tinea pellionella (ilTinPell1) germline mutational spectrum

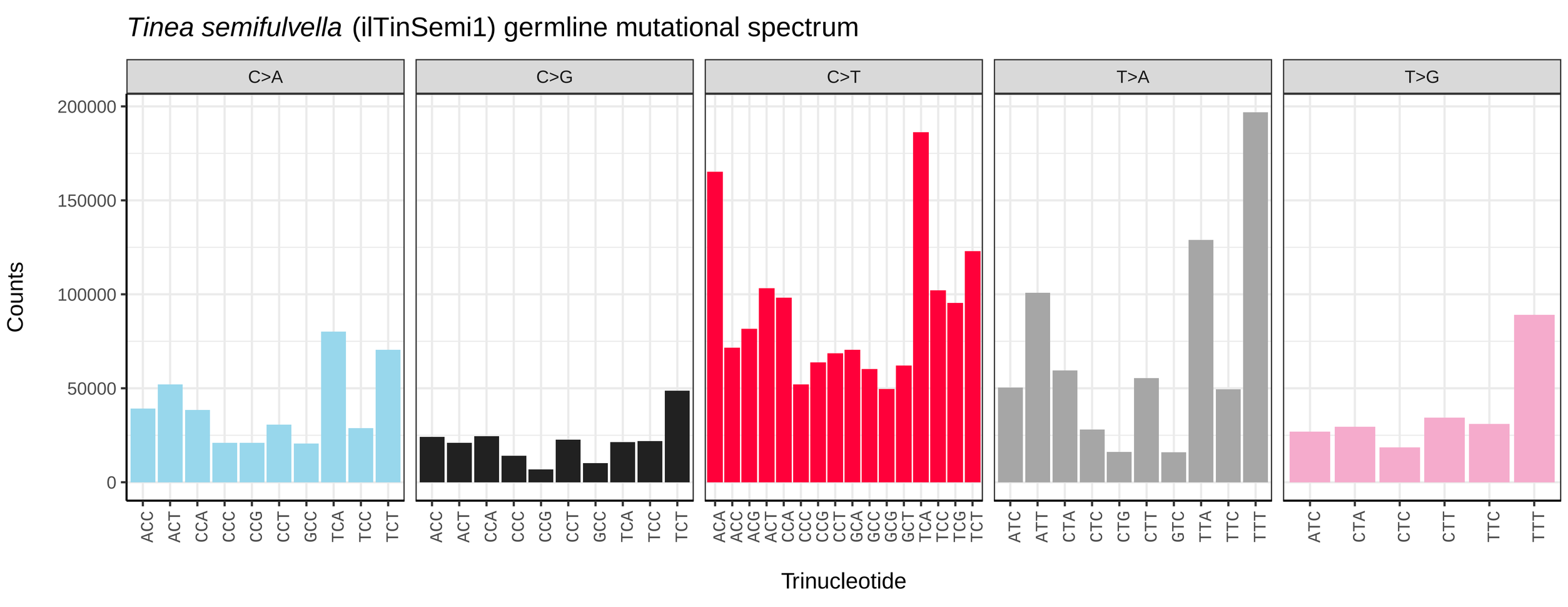


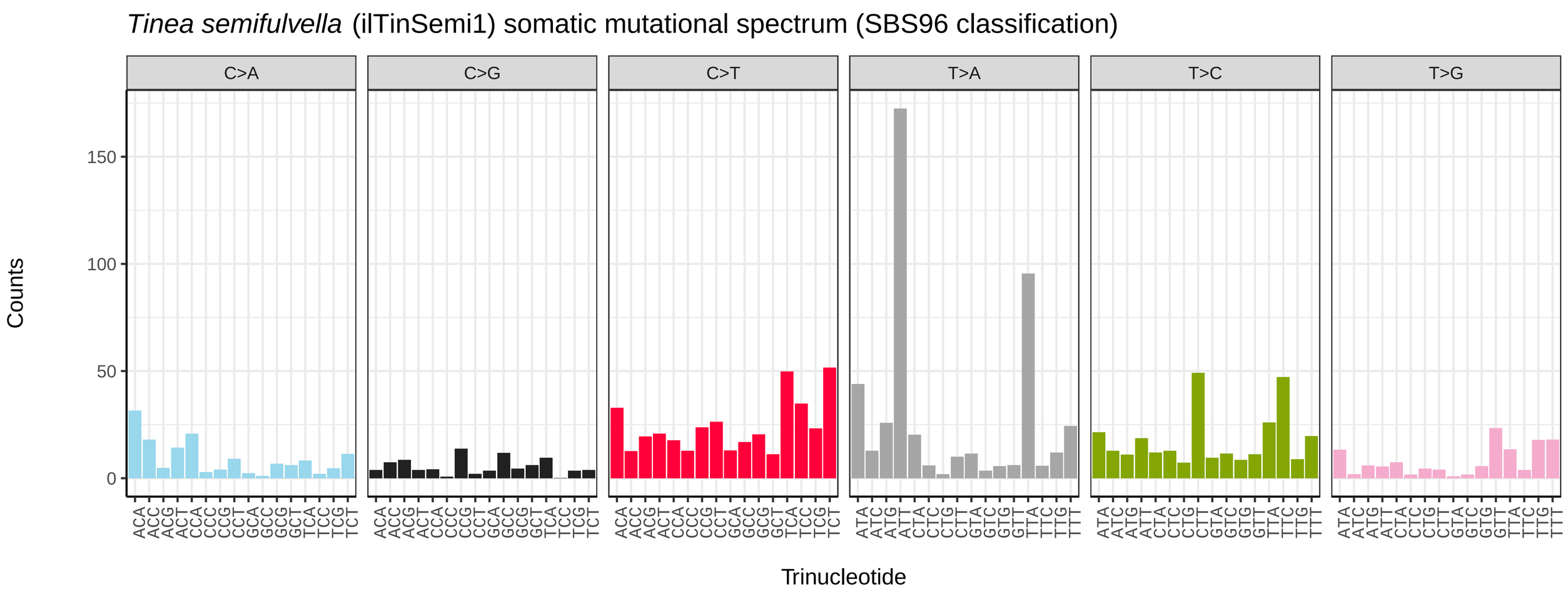
Tinea pellionella (ilTinPell1) somatic mutational spectrum (SBS96 classification)

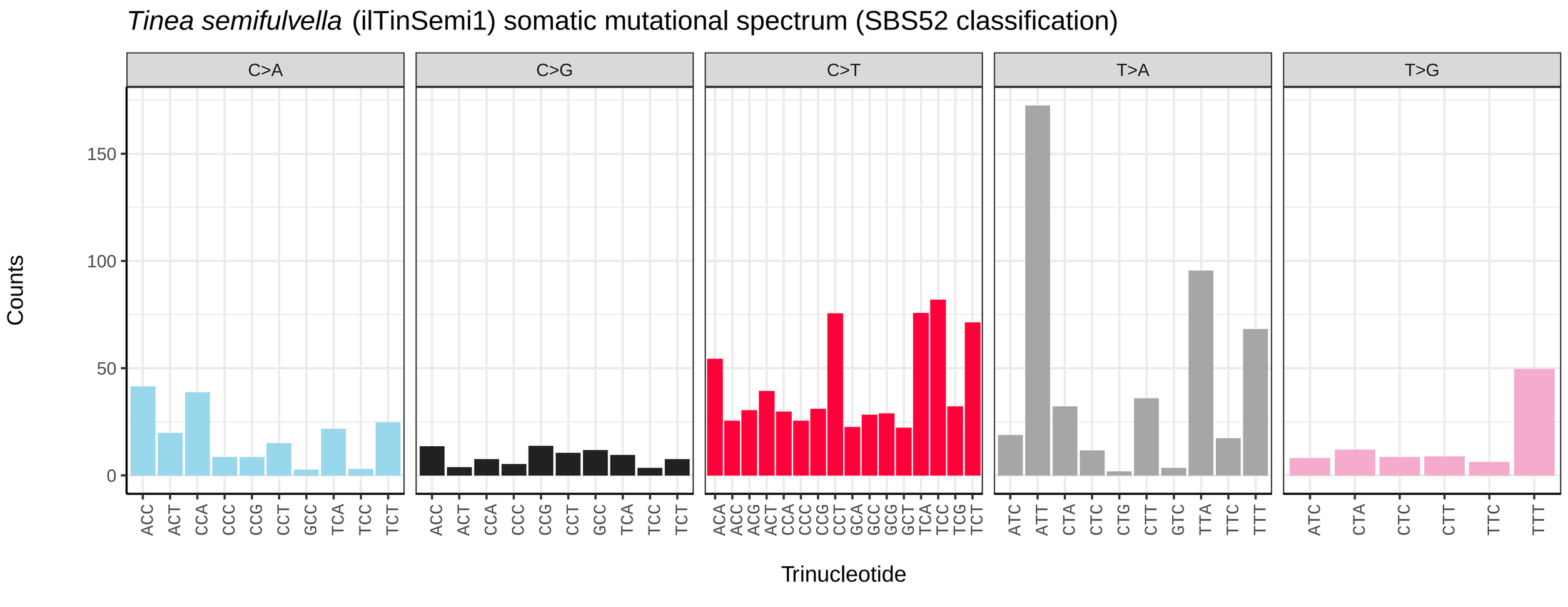


Tinea pellionella (ilTinPell1) somatic mutational spectrum (SBS52 classification)

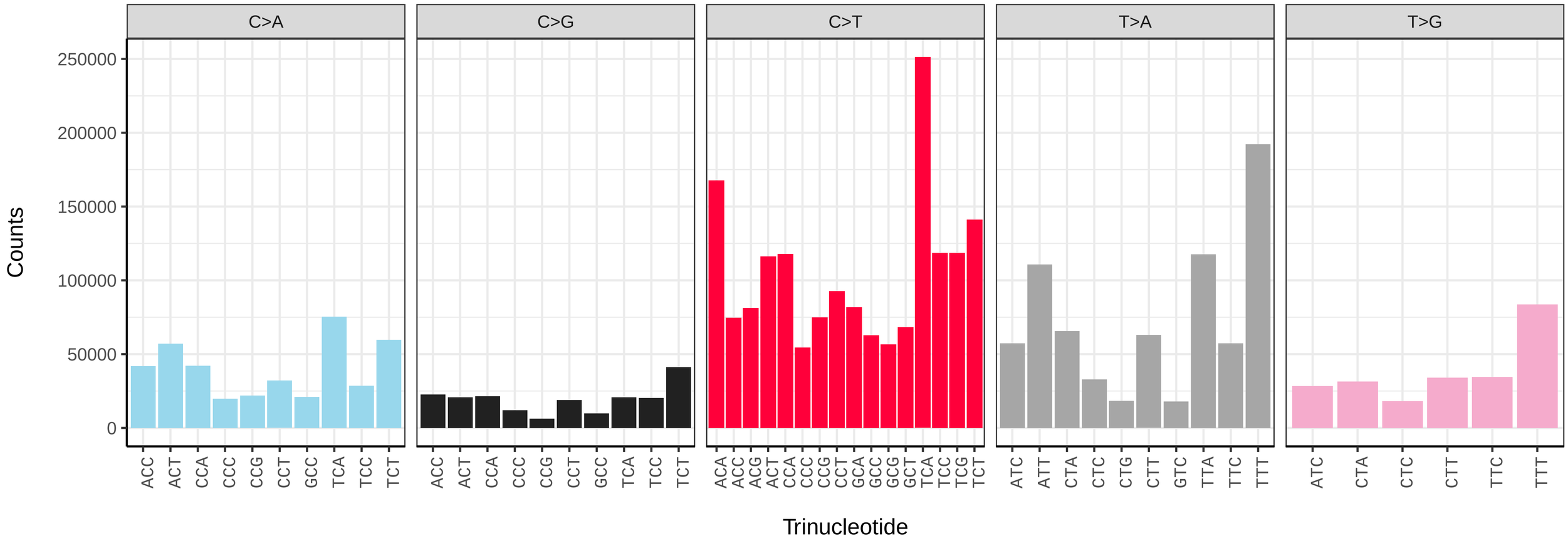



Tinea semifulvella (ilTinSemi1) germline mutational spectrum
C>A
C>G
C>T
T>A
T>G
Counts
200000
150000
100000
50000
0
ACC ACT CCA CCC CCG CCT GCC TCA TCC TCT
ACC ACT CCA CCC CCG CCT GCC TCA TCC TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATC ATT CTA CTC CTG CTT GTC TTA TTC TTT
ATC CTA CTC CTT TTC TTT
Trinucleotide

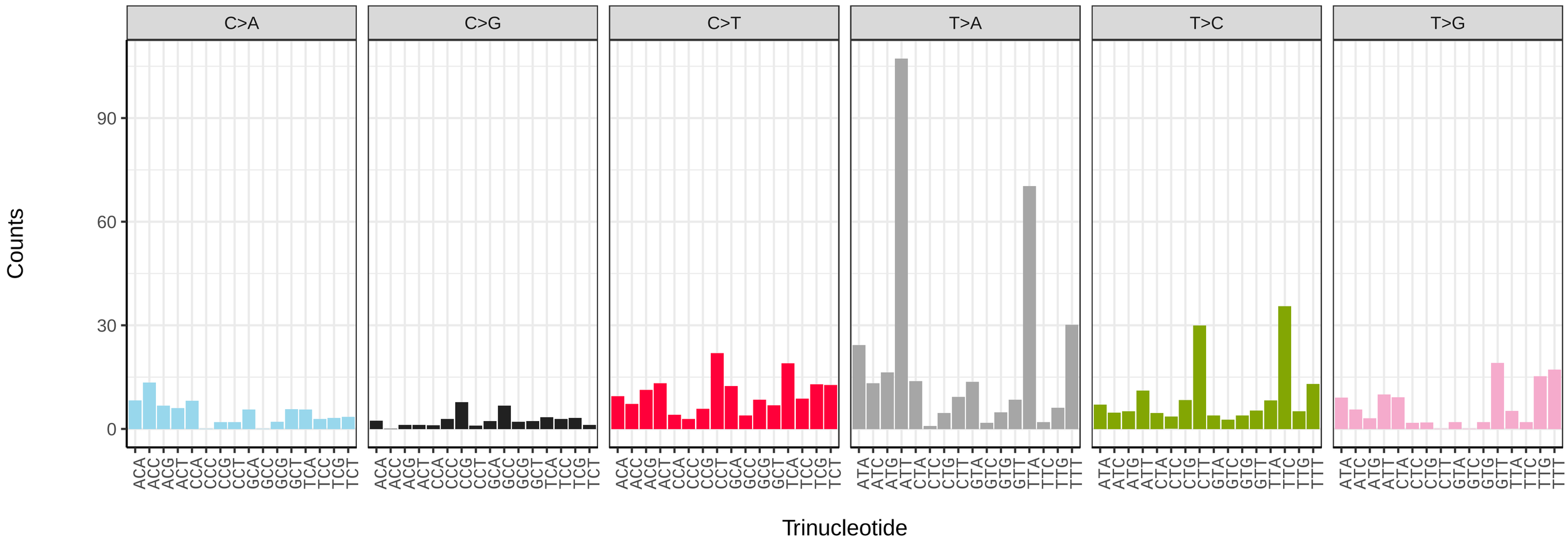

Tinea semifulvella (ilTinSemi1) somatic mutational spectrum (SBS96 classification)
C>A
C>G
C>T
T>A
T>C
T>G
Counts
150
100
50
0
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
Trinucleotide


Tinea semifulvella (ilTinSemi1) somatic mutational spectrum (SBS52 classification)
C>A
C>G
C>T
T>A
T>G
Counts
150
100
50
0
ACC ACT CCA CCC CCG CCT GCC TCA TCC TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATC ATT CTA CTC CTG CTT GTC TTA TTC TTT
ATC CTA CTC CTT TTC TTT
Trinucleotide

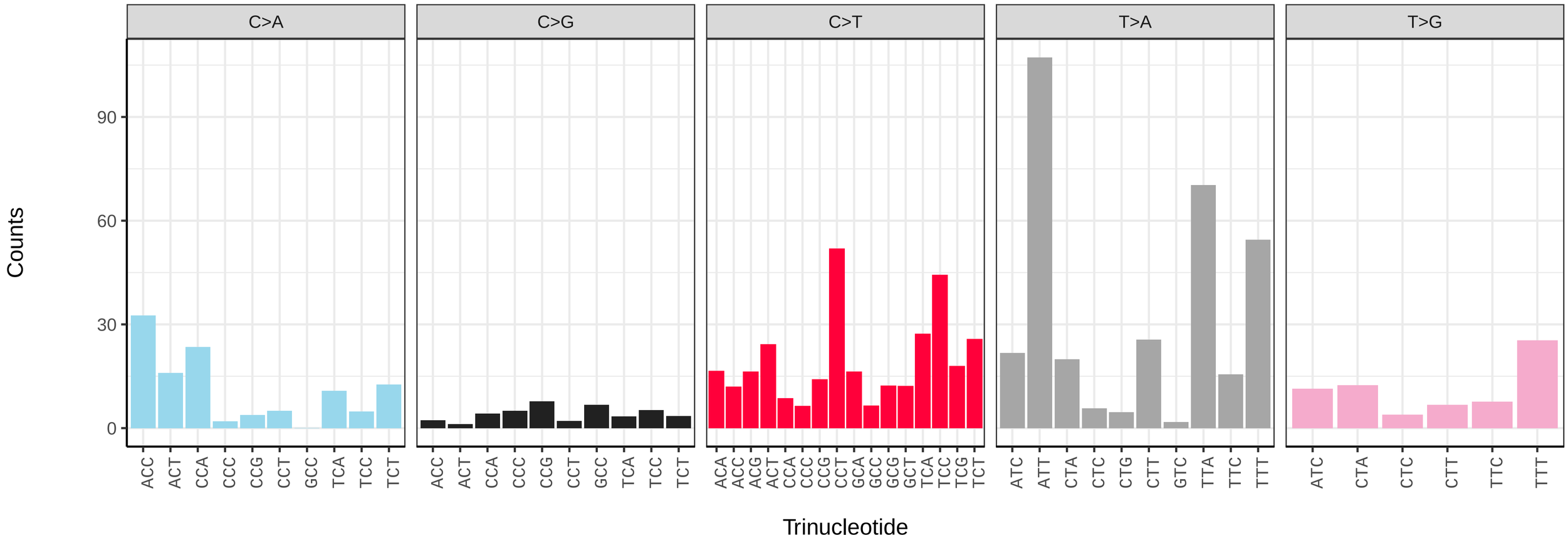
Tinea trinotella (ilTinTrin1) germline mutational spectrum



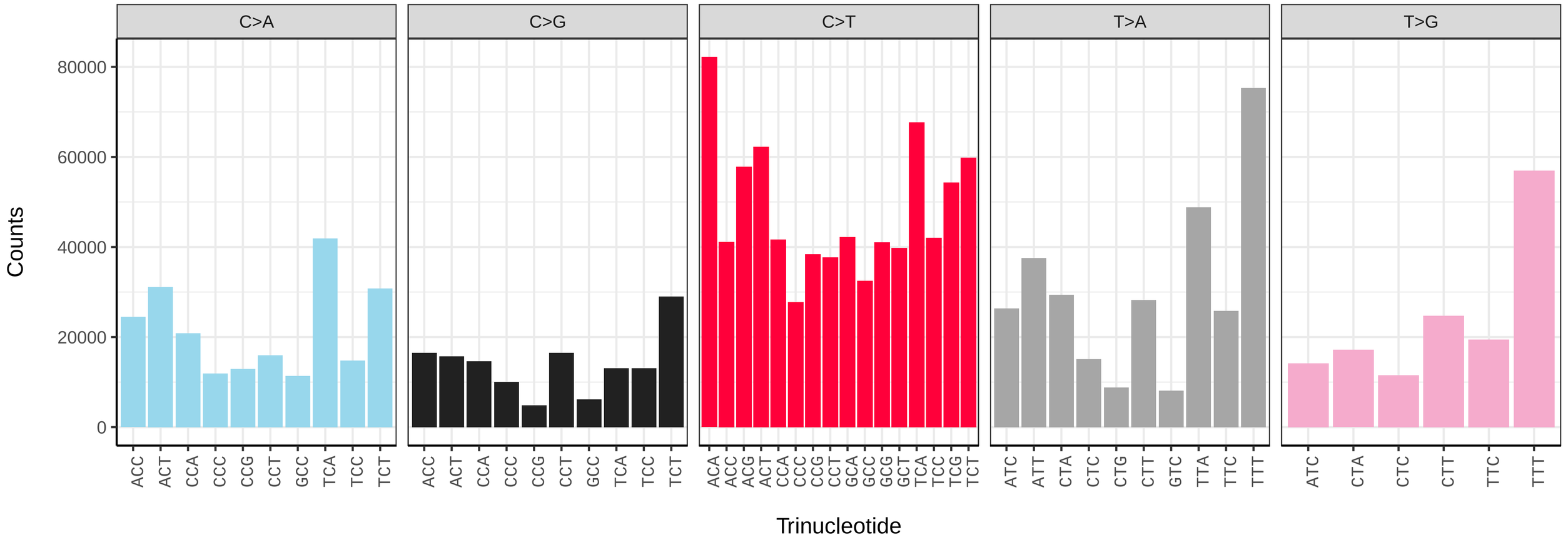
Tinea trinotella (ilTinTrin1) somatic mutational spectrum (SBS96 classification)



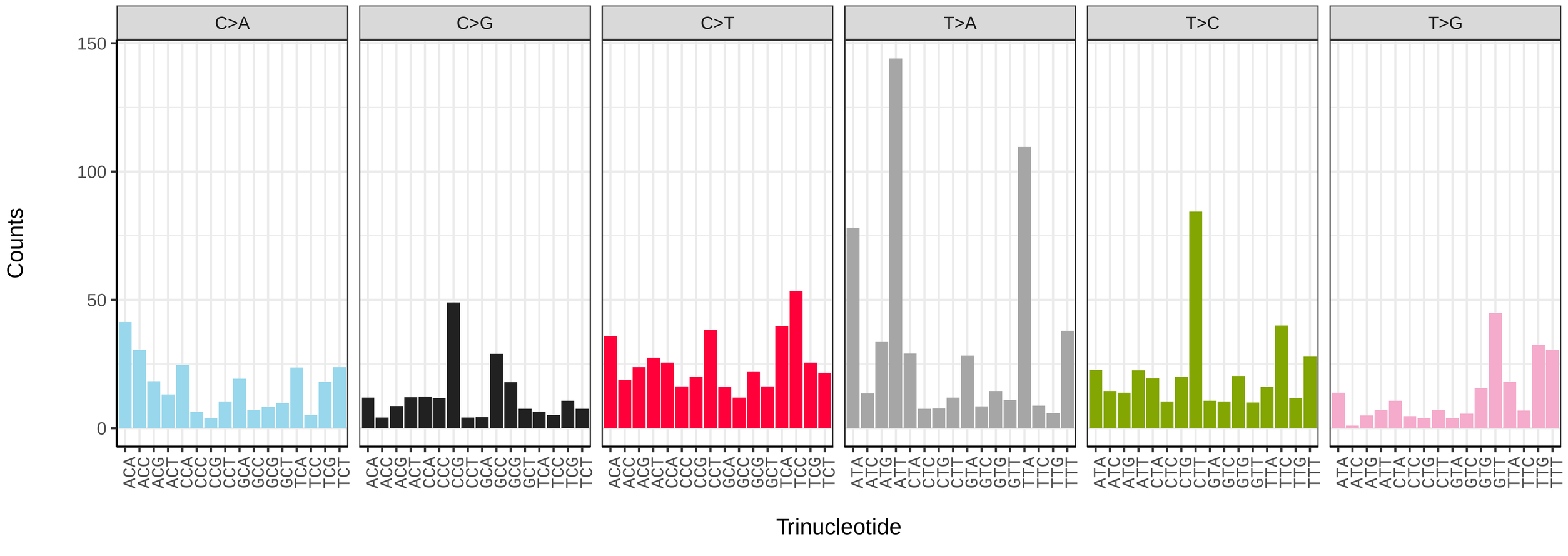
Tinea trinotella (ilTinTrin1) somatic mutational spectrum (SBS52 classification)



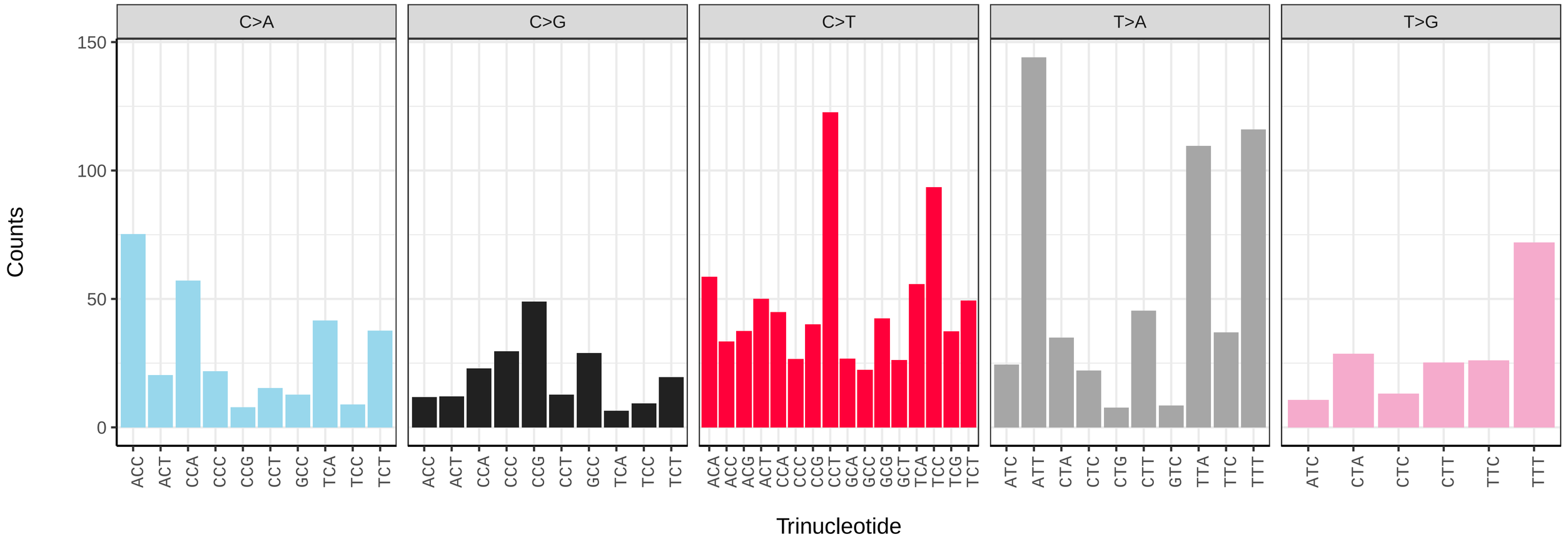
Tortricodes alternella (ilTorAlte1) germline mutational spectrum



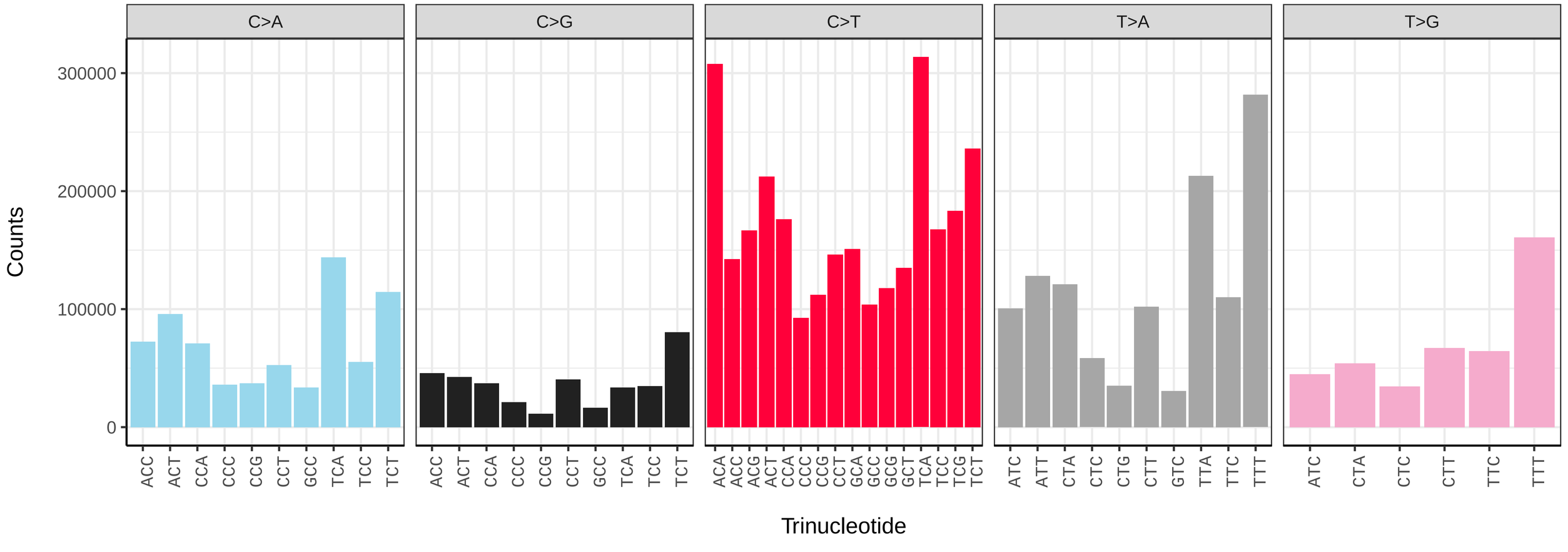
Tortricodes alternella (ilTorAlte1) somatic mutational spectrum (SBS96 classification)



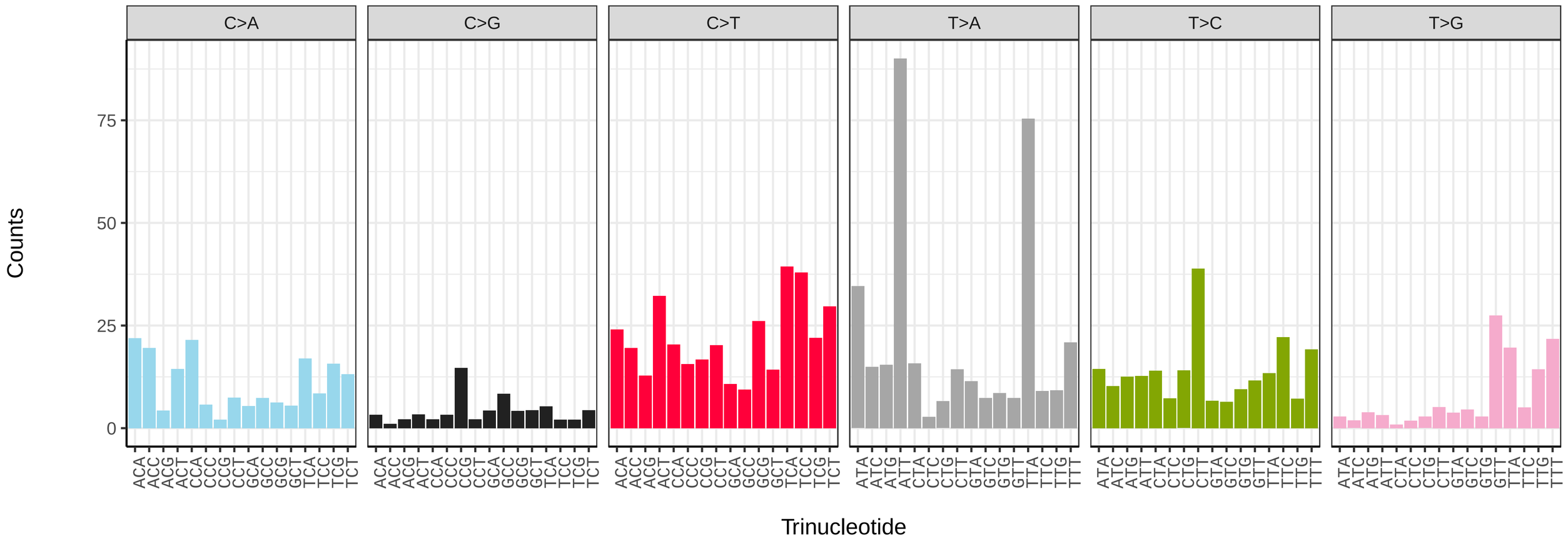
Tortricodes alternella (ilTorAlte1) somatic mutational spectrum (SBS52 classification)



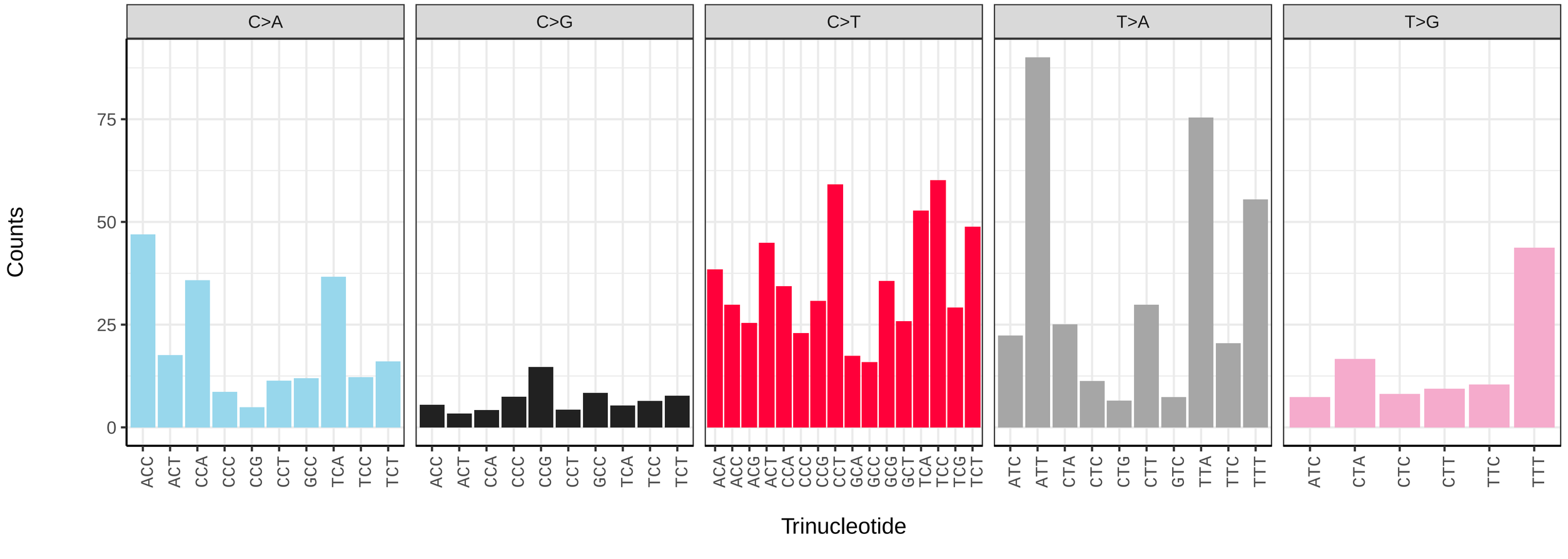
Trisateles emortualis (ilTriEmor1) germline mutational spectrum



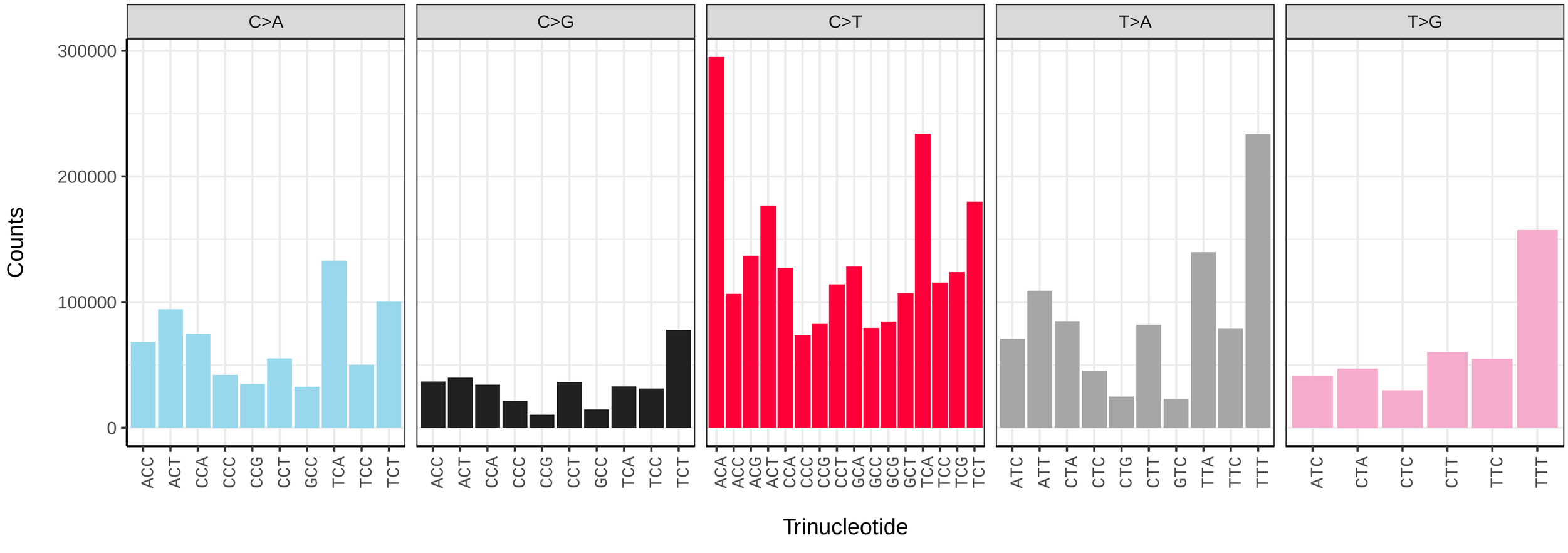
Trisateles emortualis (ilTriEmor1) somatic mutational spectrum (SBS96 classification)



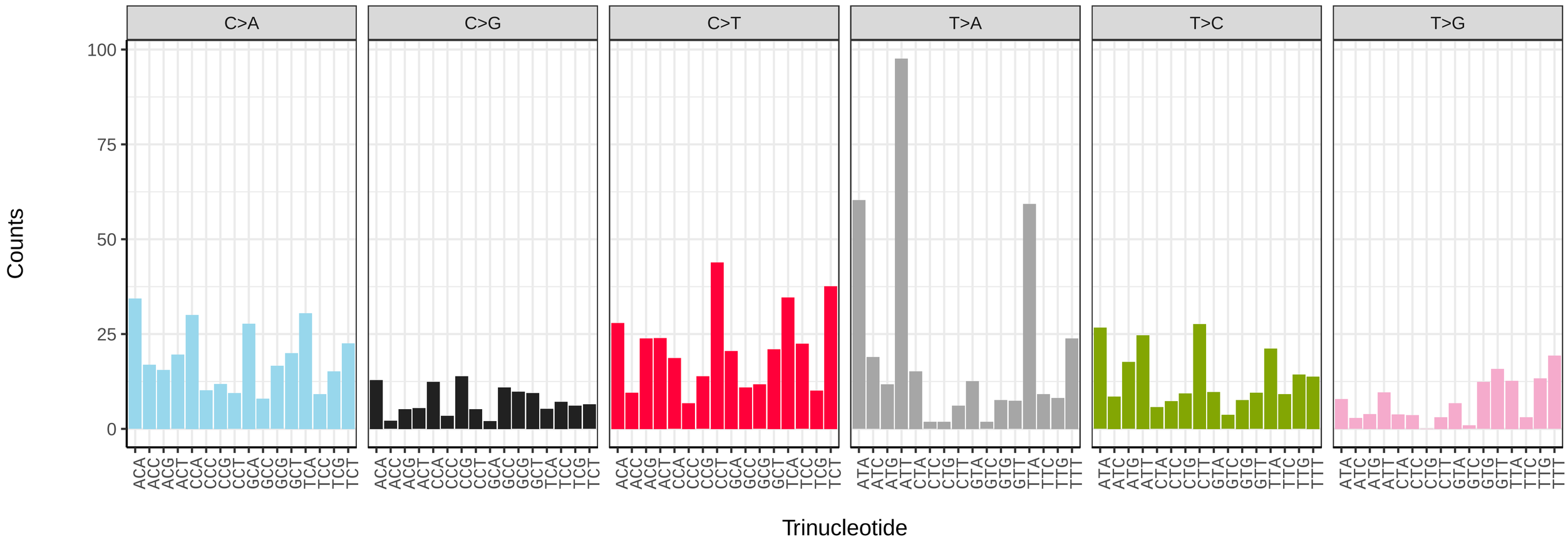
Trisateles emortualis (ilTriEmor1) somatic mutational spectrum (SBS52 classification)



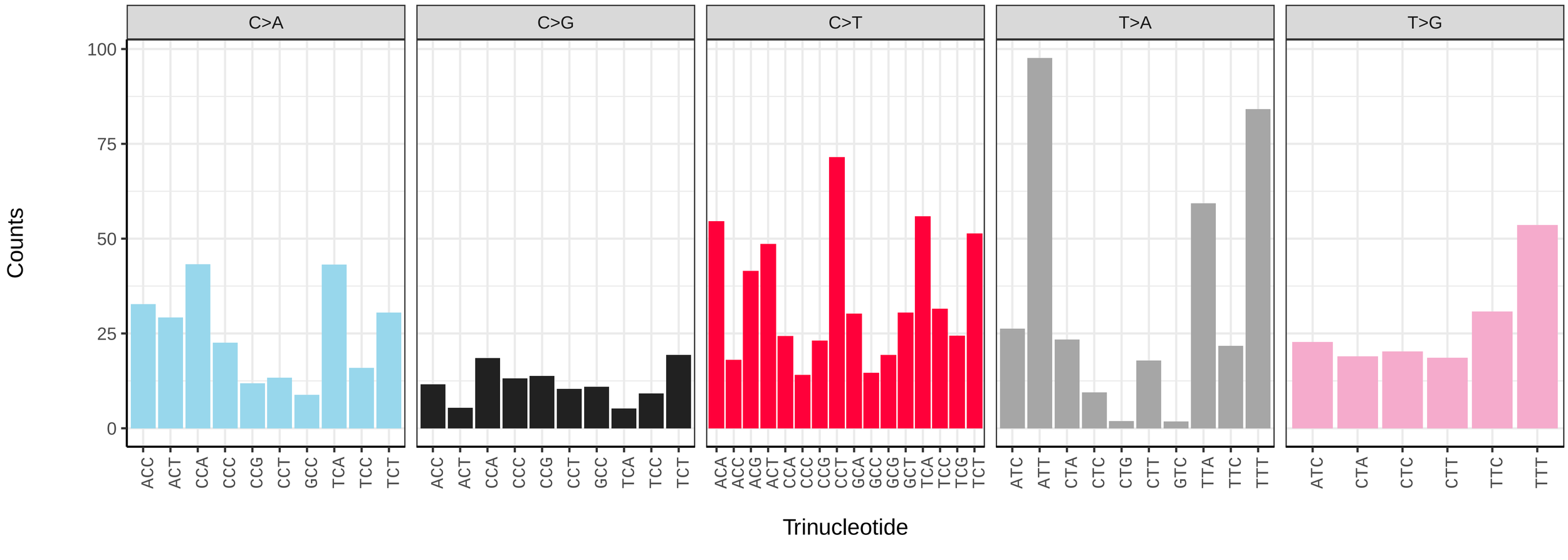
Tyria jacobaeae (ilTyrJaco4) germline mutational spectrum



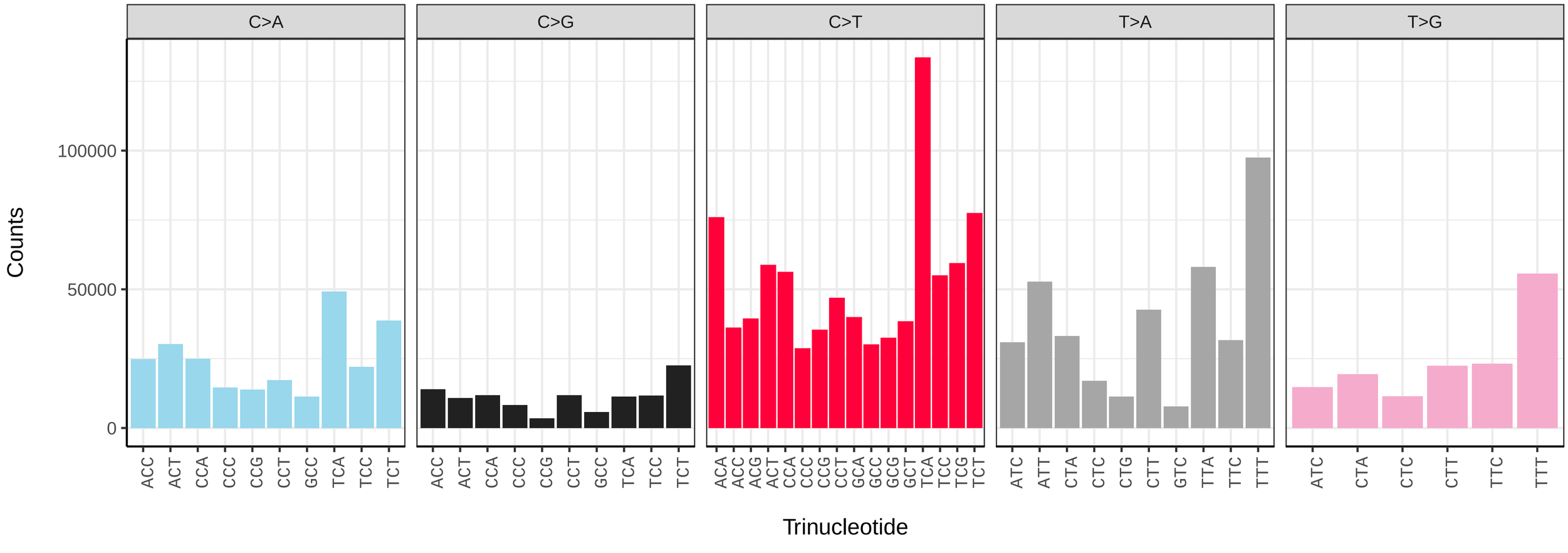
Tyria jacobaeae (ilTyrJaco4) somatic mutational spectrum (SBS96 classification)



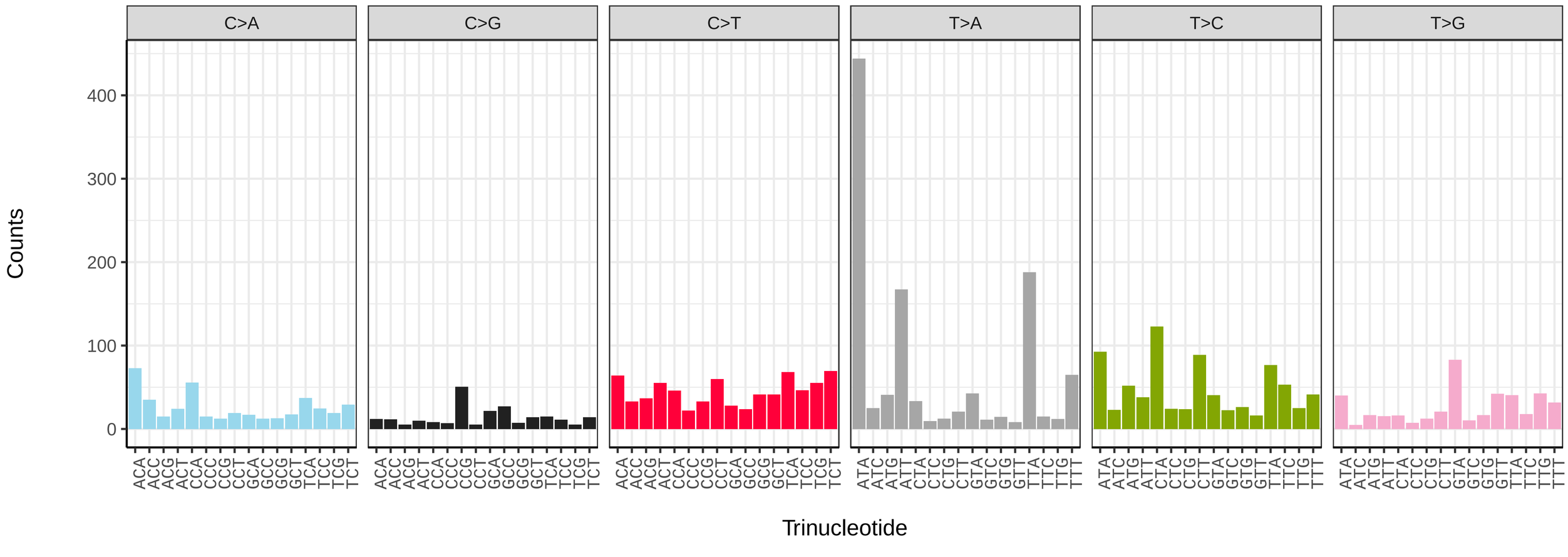
Tyria jacobaeae (ilTyrJaco4) somatic mutational spectrum (SBS52 classification)



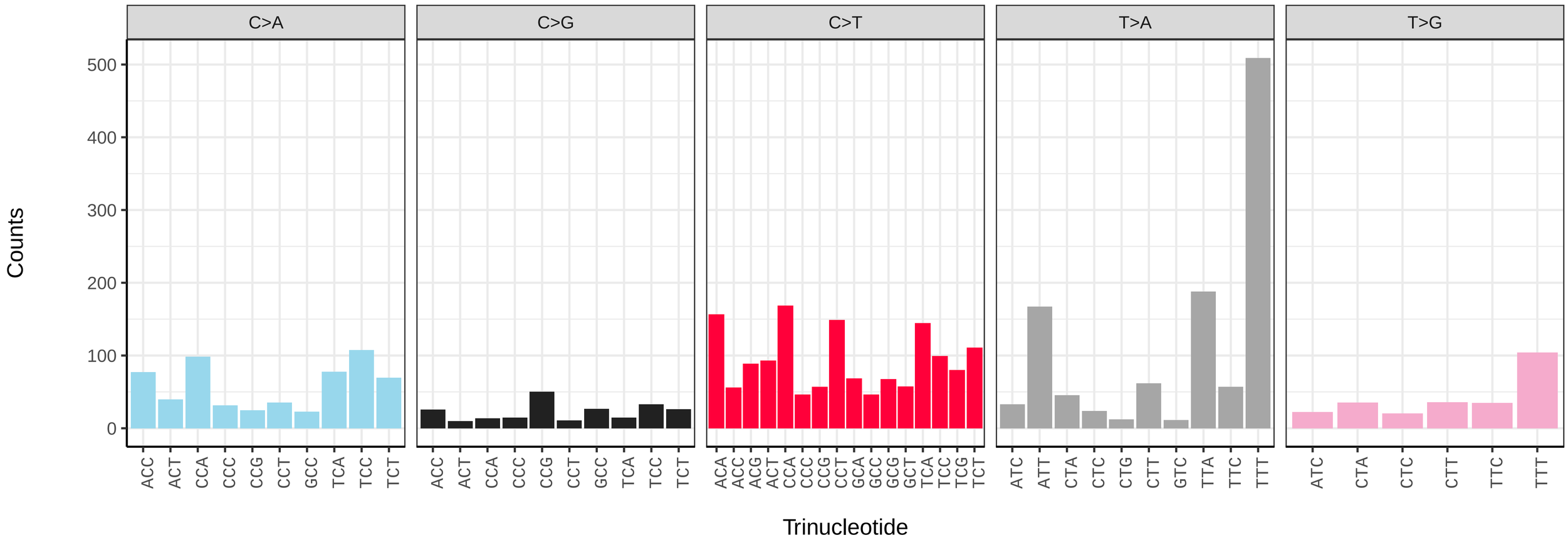
Udea olivalis (ilUdeOliv2) germline mutational spectrum



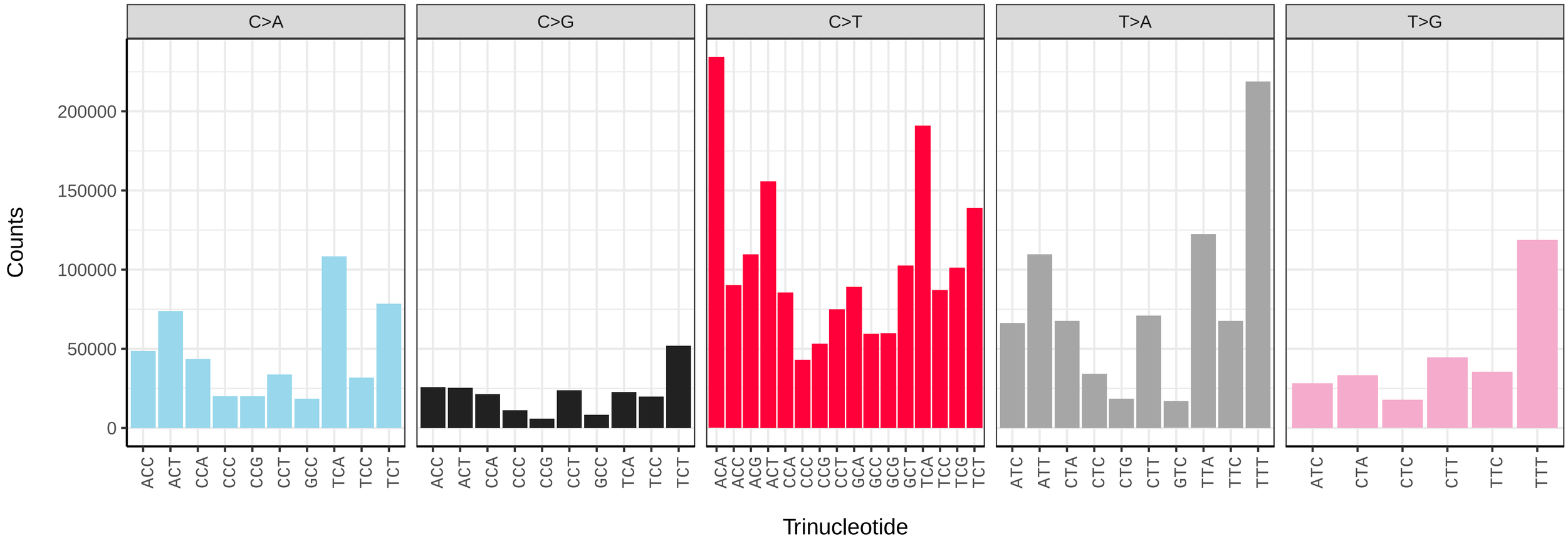
Udea olivalis (ilUdeOliv2) somatic mutational spectrum (SBS96 classification)



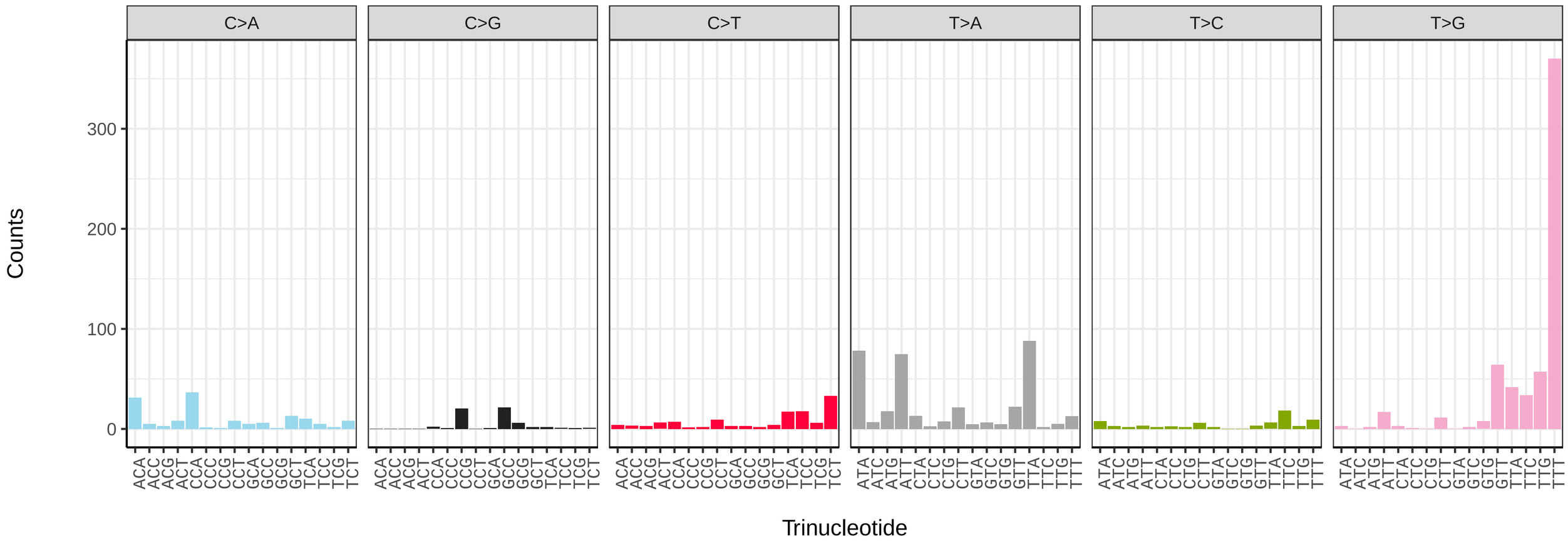
Udea olivalis (ilUdeOliv2) somatic mutational spectrum (SBS52 classification)



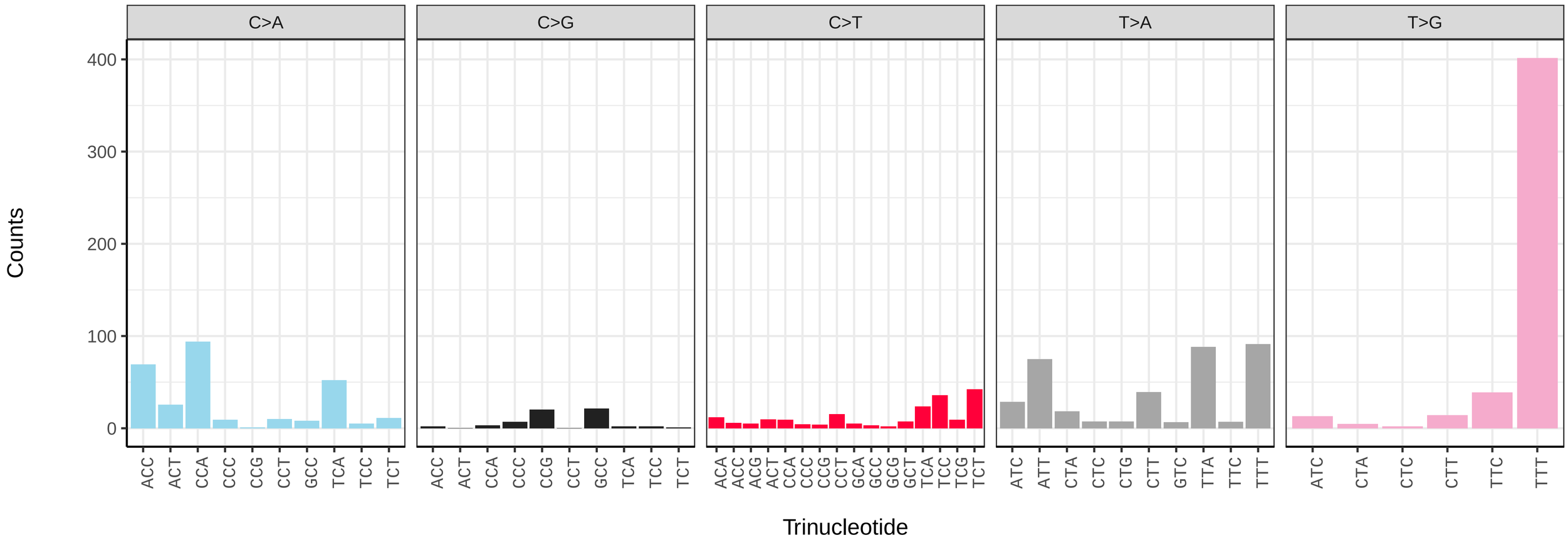
Vanessa atalanta (ilVanAtal1) germline mutational spectrum



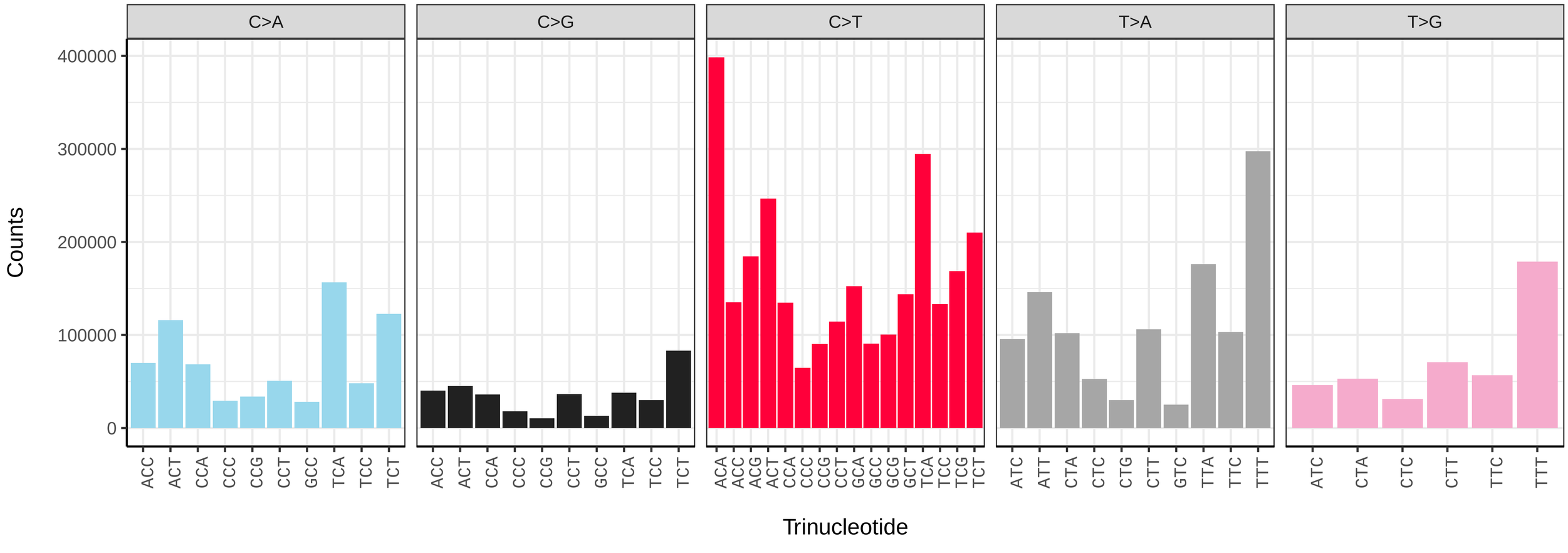
Vanessa atalanta (ilVanAtal1) somatic mutational spectrum (SBS96 classification)



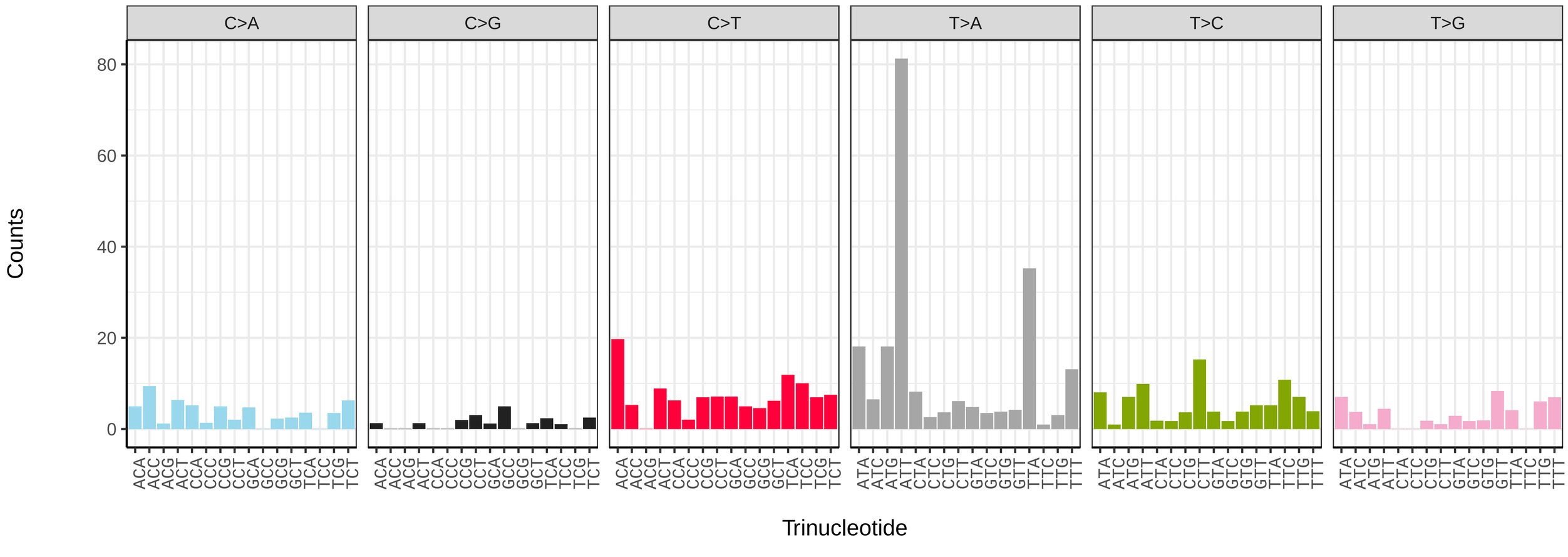
Vanessa atalanta (ilVanAtal1) somatic mutational spectrum (SBS52 classification)



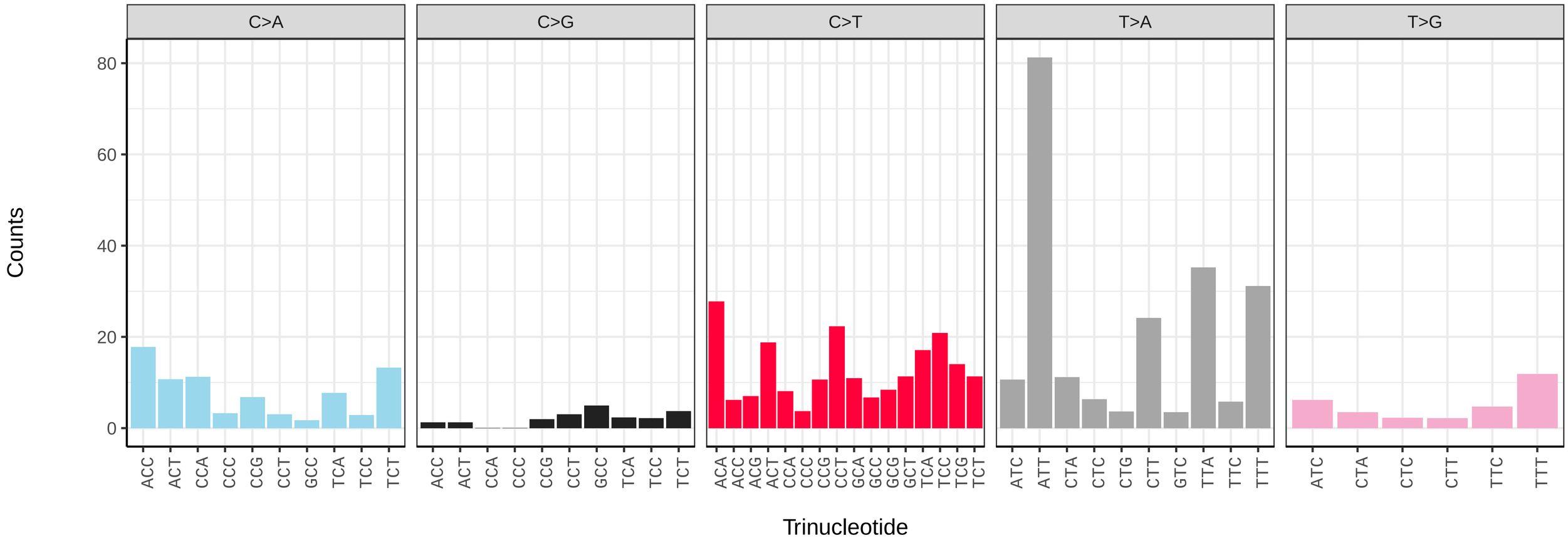
Vanessa cardui (ilVanCard2) germline mutational spectrum



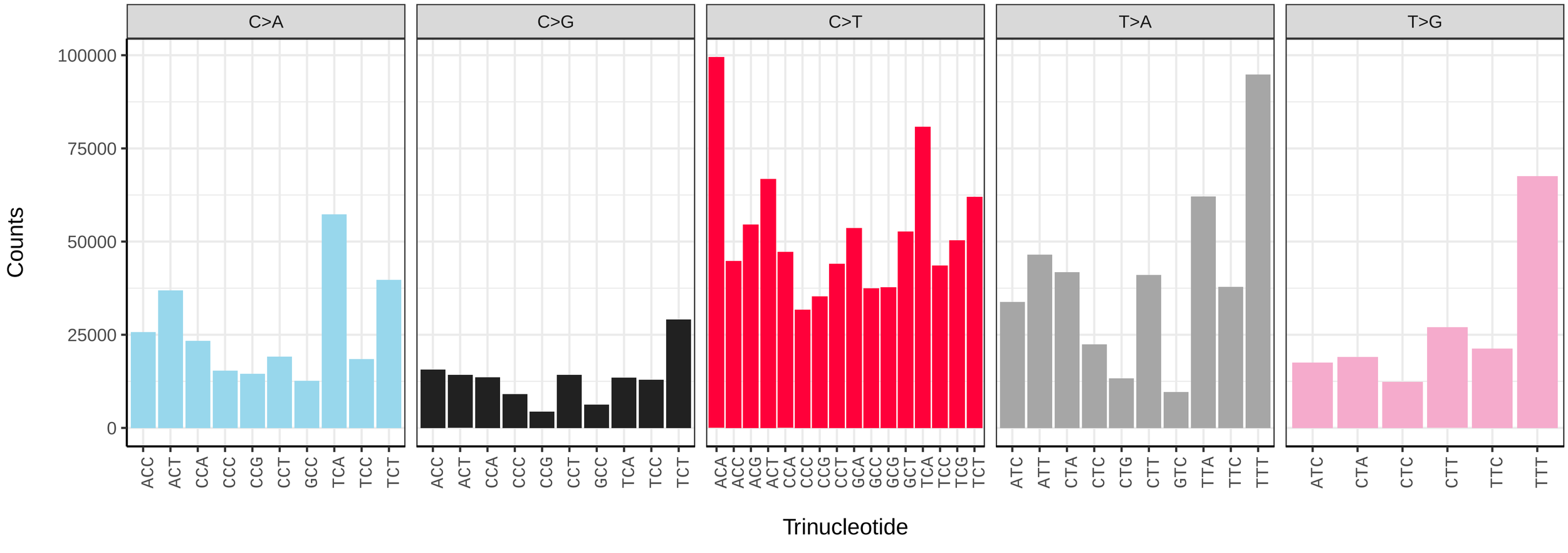
Vanessa cardui (ilVanCard2) somatic mutational spectrum (SBS96 classification)



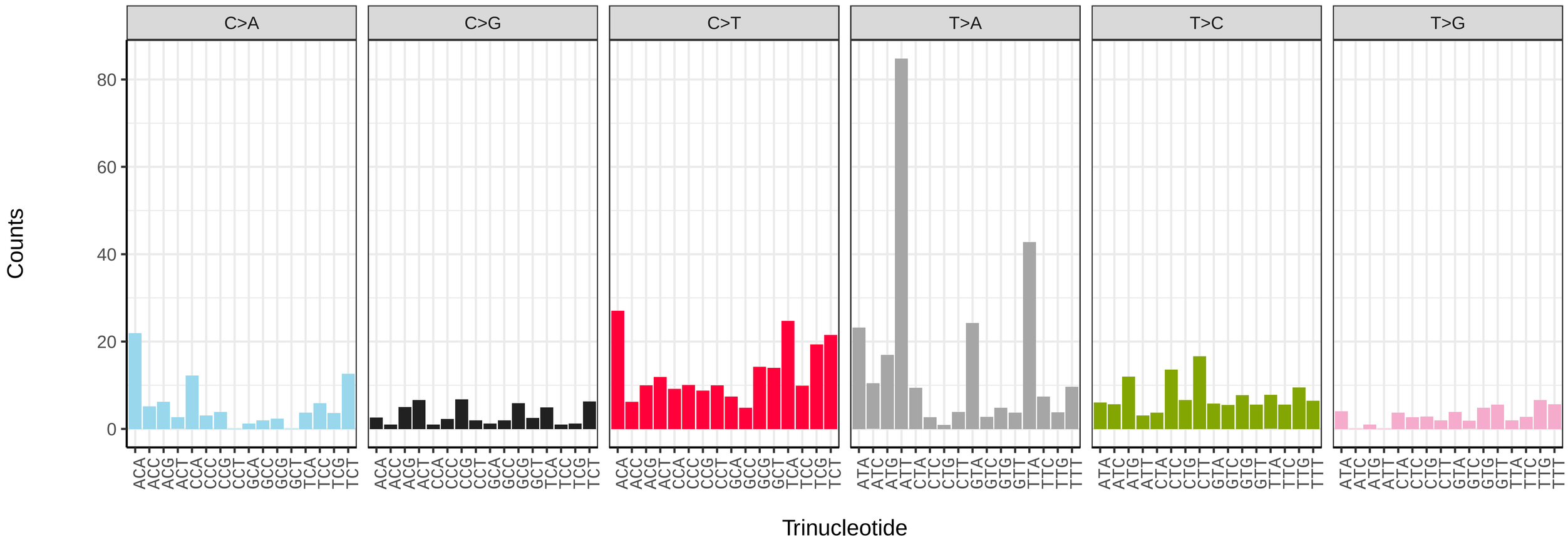
Vanessa cardui (ilVanCard2) somatic mutational spectrum (SBS52 classification)



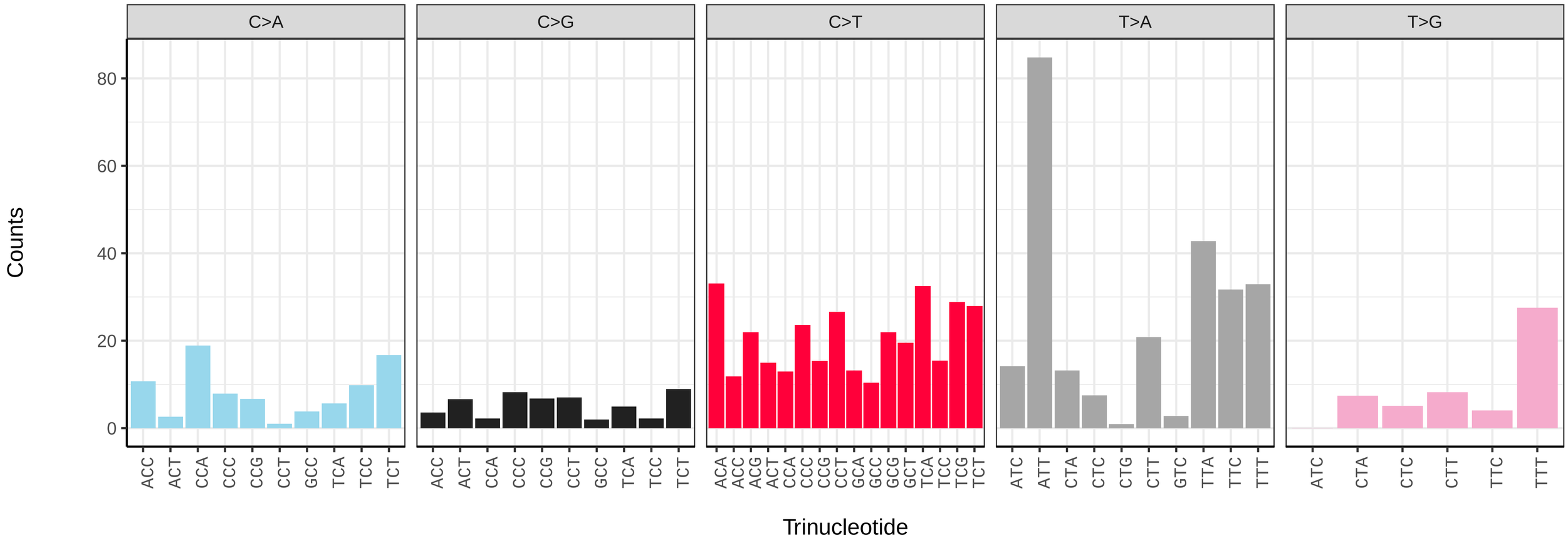
Watsonalla binaria (ilWatBina1) germline mutational spectrum



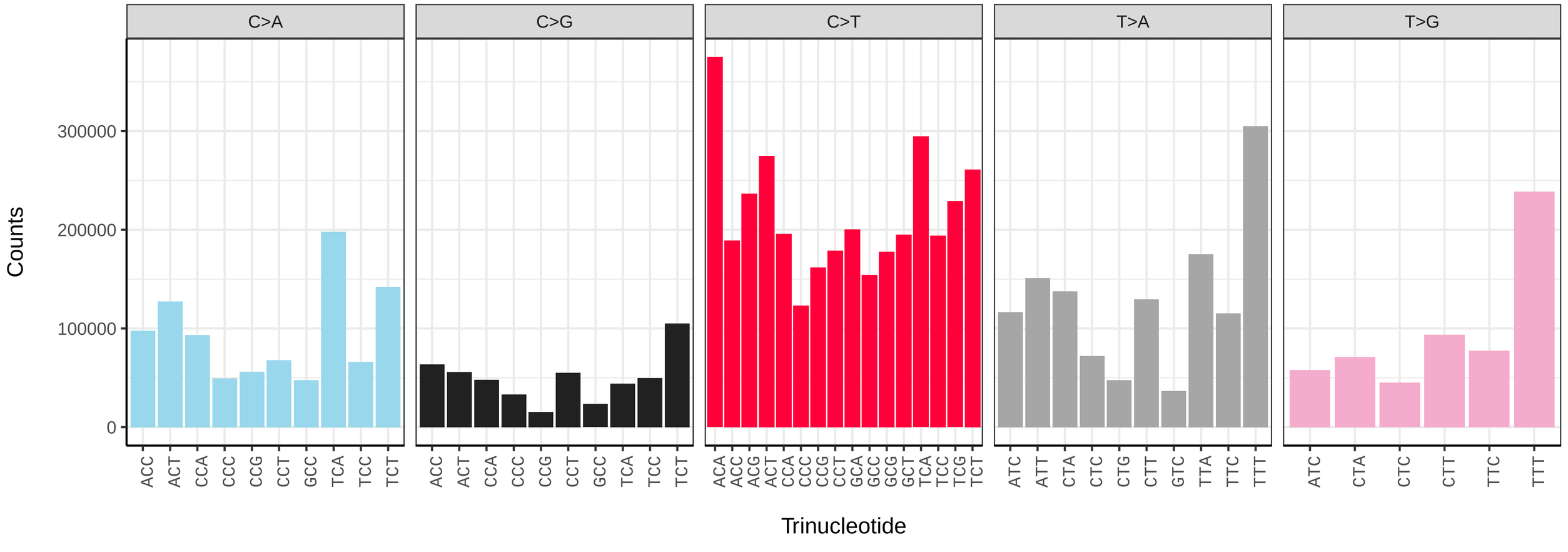
Watsonalla binaria (ilWatBina1) somatic mutational spectrum (SBS96 classification)



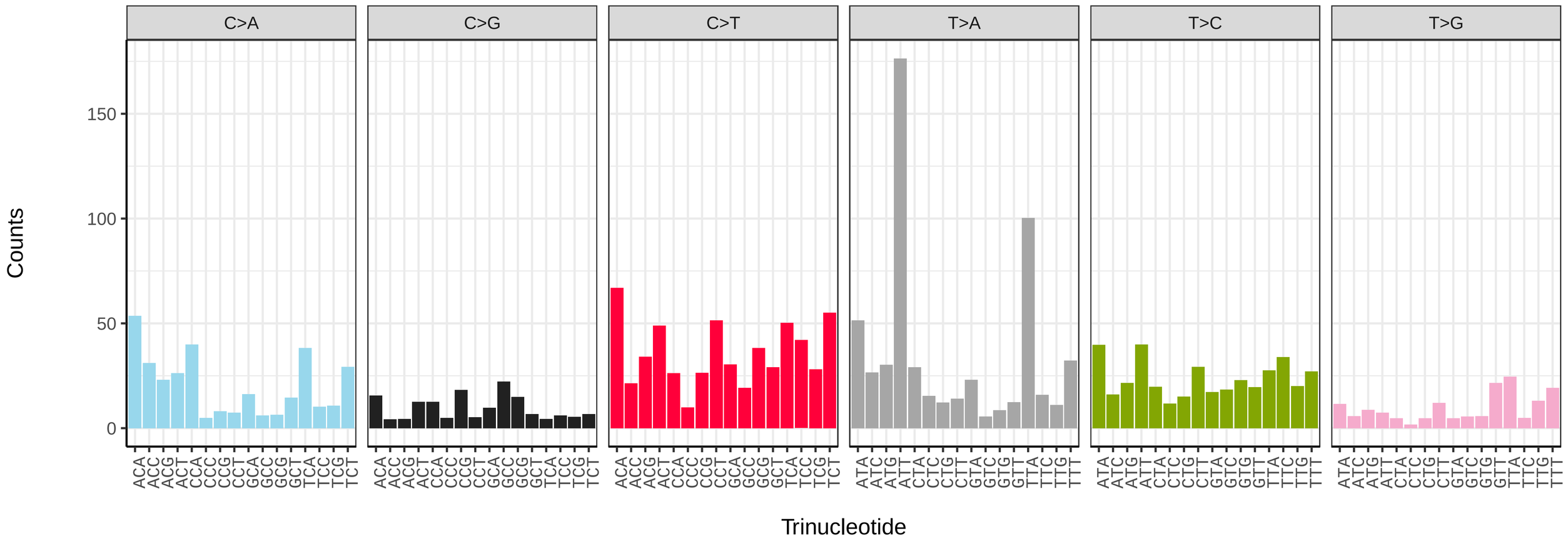
Watsonalla binaria (ilWatBina1) somatic mutational spectrum (SBS52 classification)



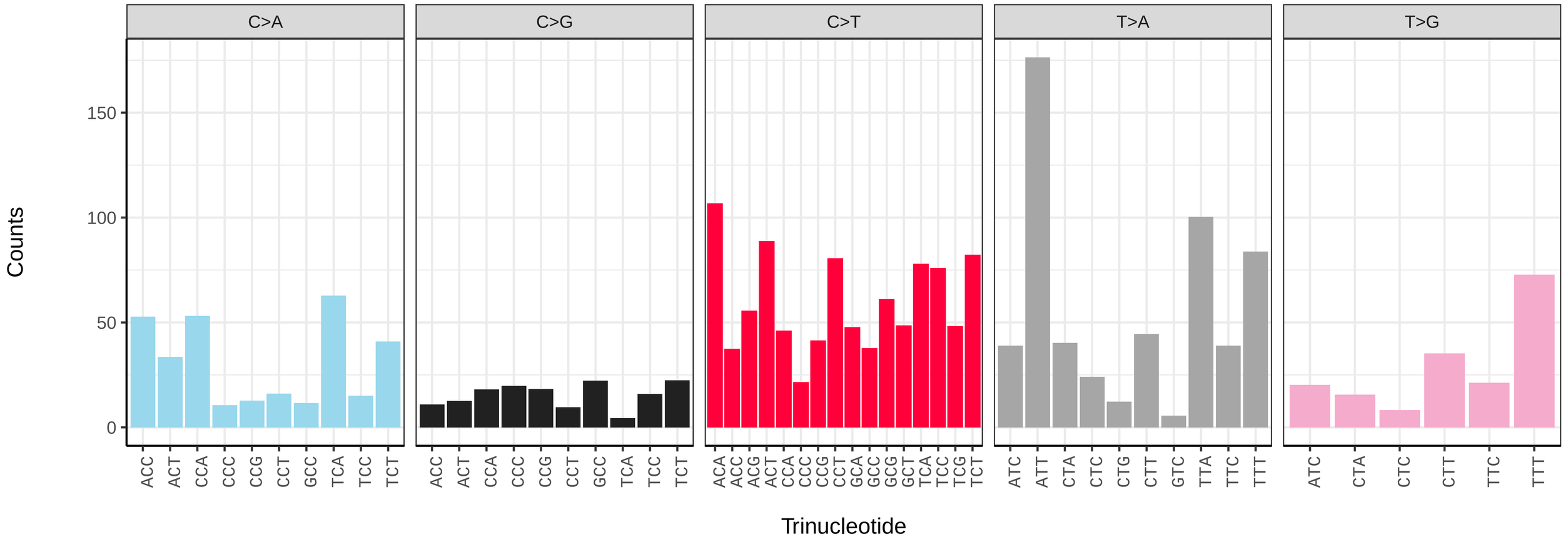
Xanthia icteritia (ilXanIcte2) germline mutational spectrum



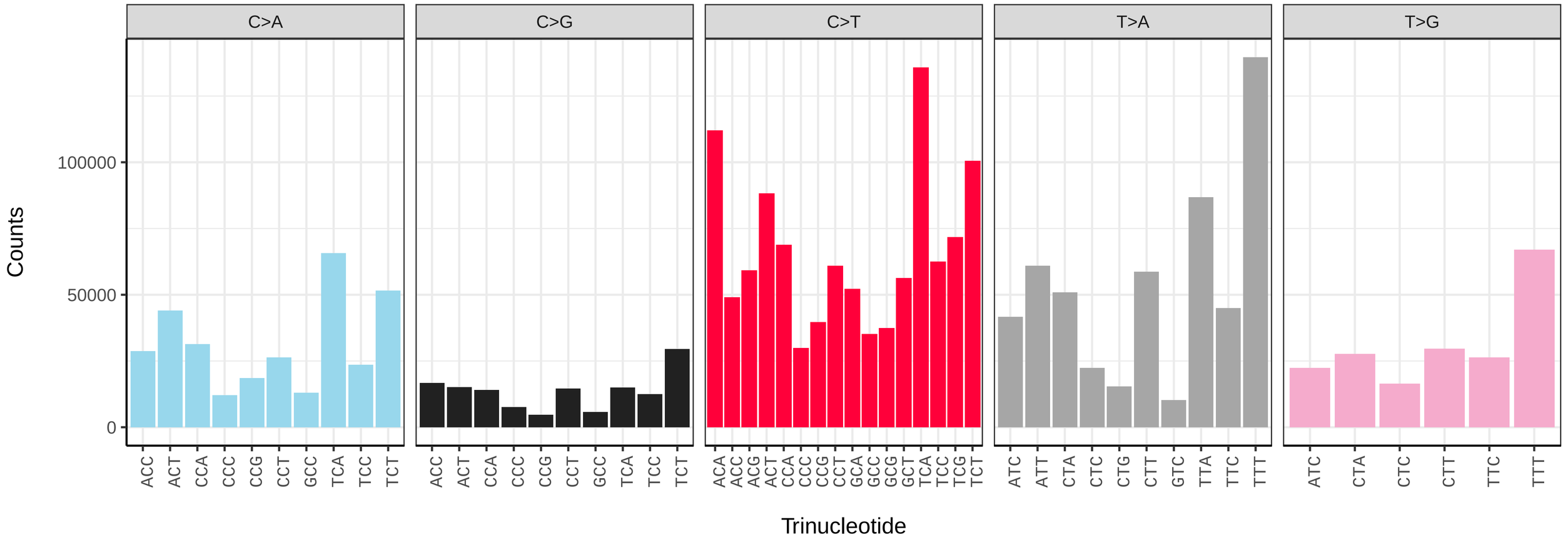
Xanthia icteritia (ilXanIcte2) somatic mutational spectrum (SBS96 classification)



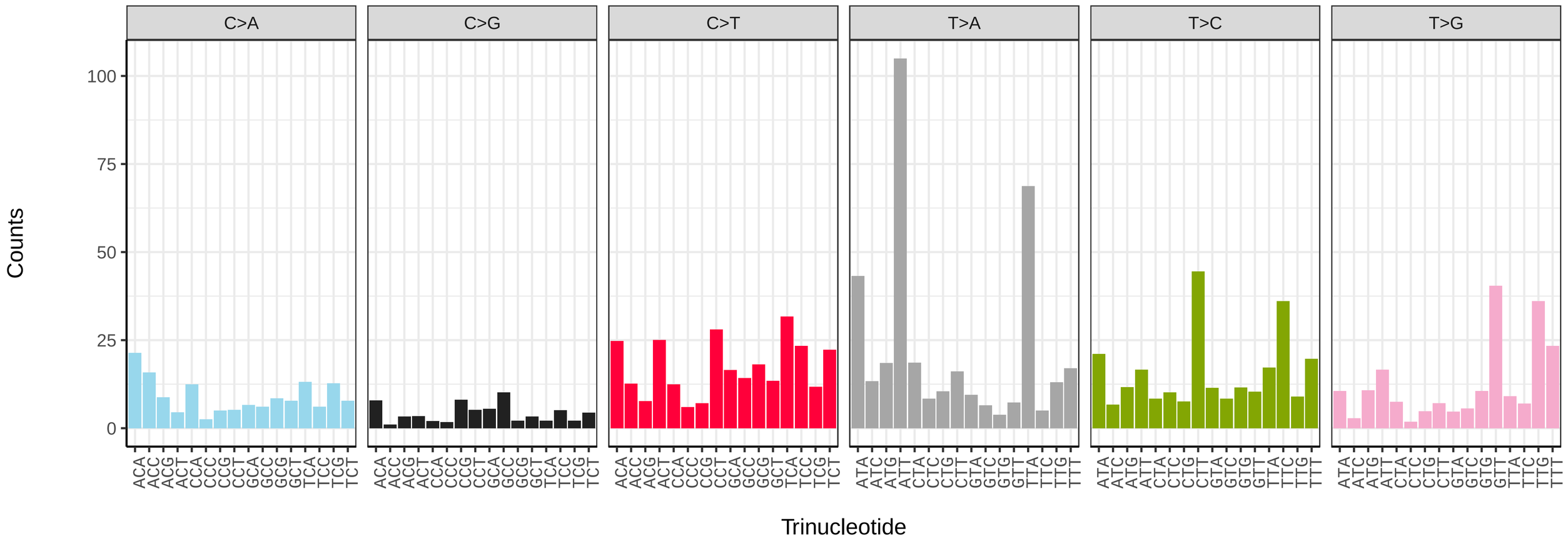
Xanthia icteritia (ilXanIcte2) somatic mutational spectrum (SBS52 classification)



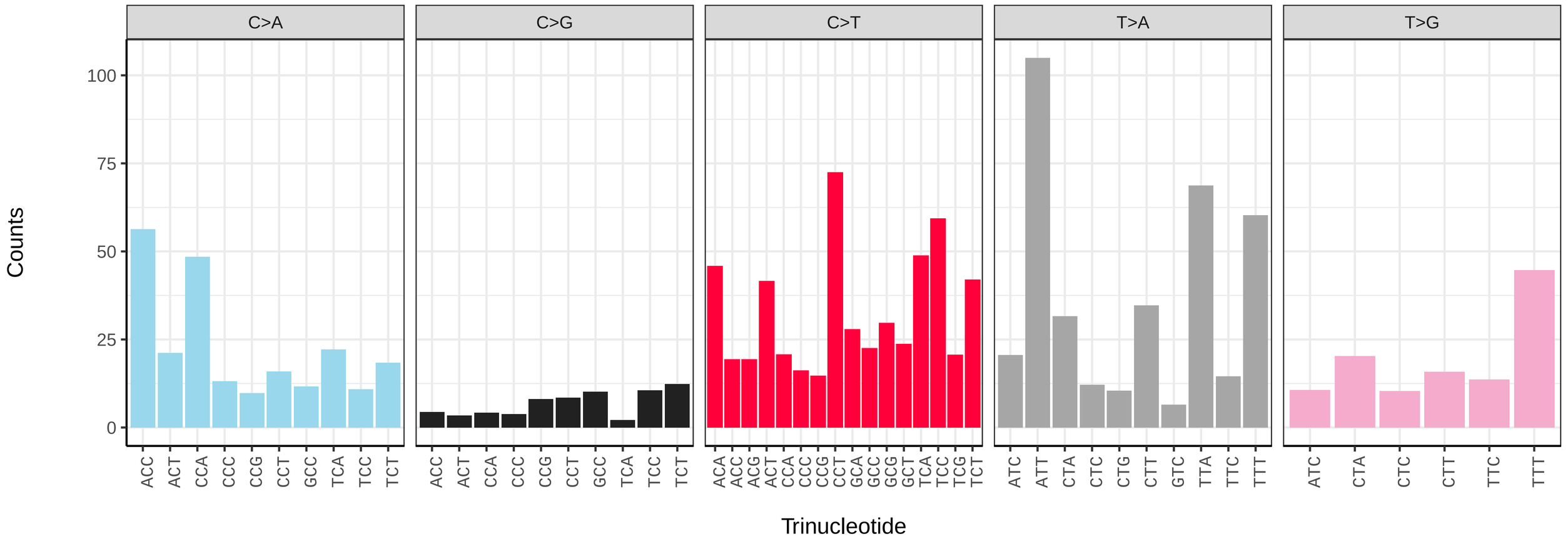
Xanthorhoe spadicearia (ilXanSpad1) germline mutational spectrum



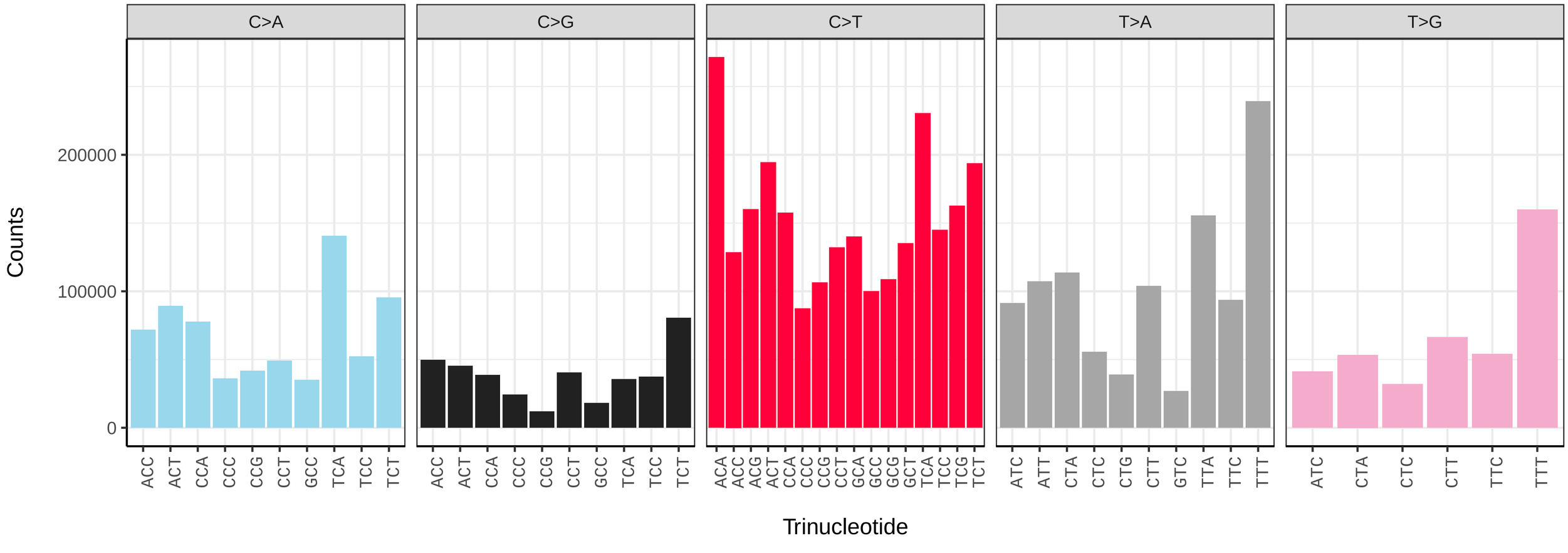
Xanthorhoe spadicearia (ilXanSpad1) somatic mutational spectrum (SBS96 classification)



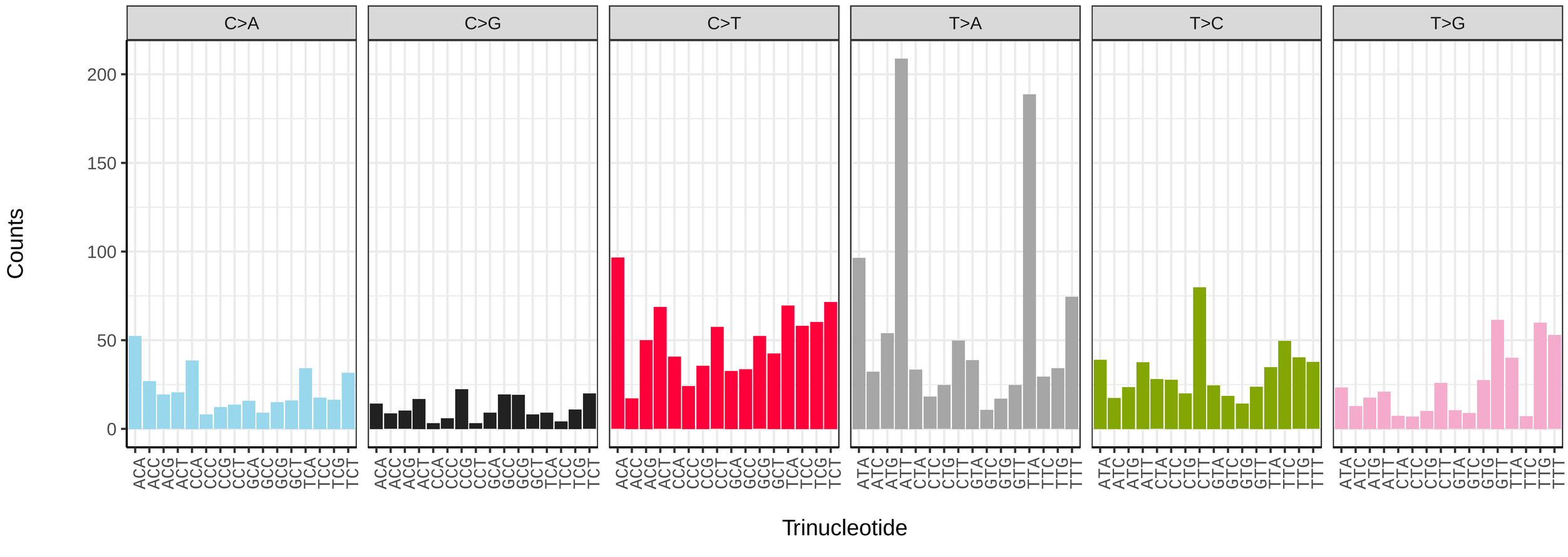
Xanthorhoe spadicearia (ilXanSpad1) somatic mutational spectrum (SBS52 classification)



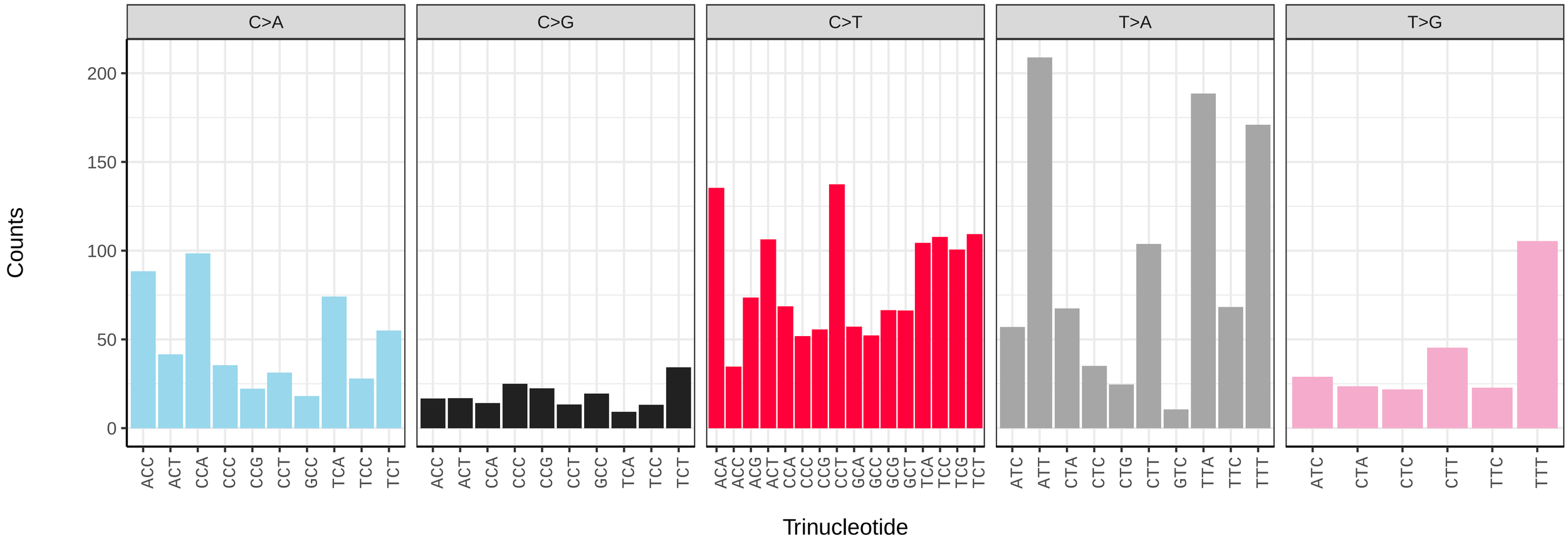
Xestia c−nigrum (ilXesCnig1) germline mutational spectrum

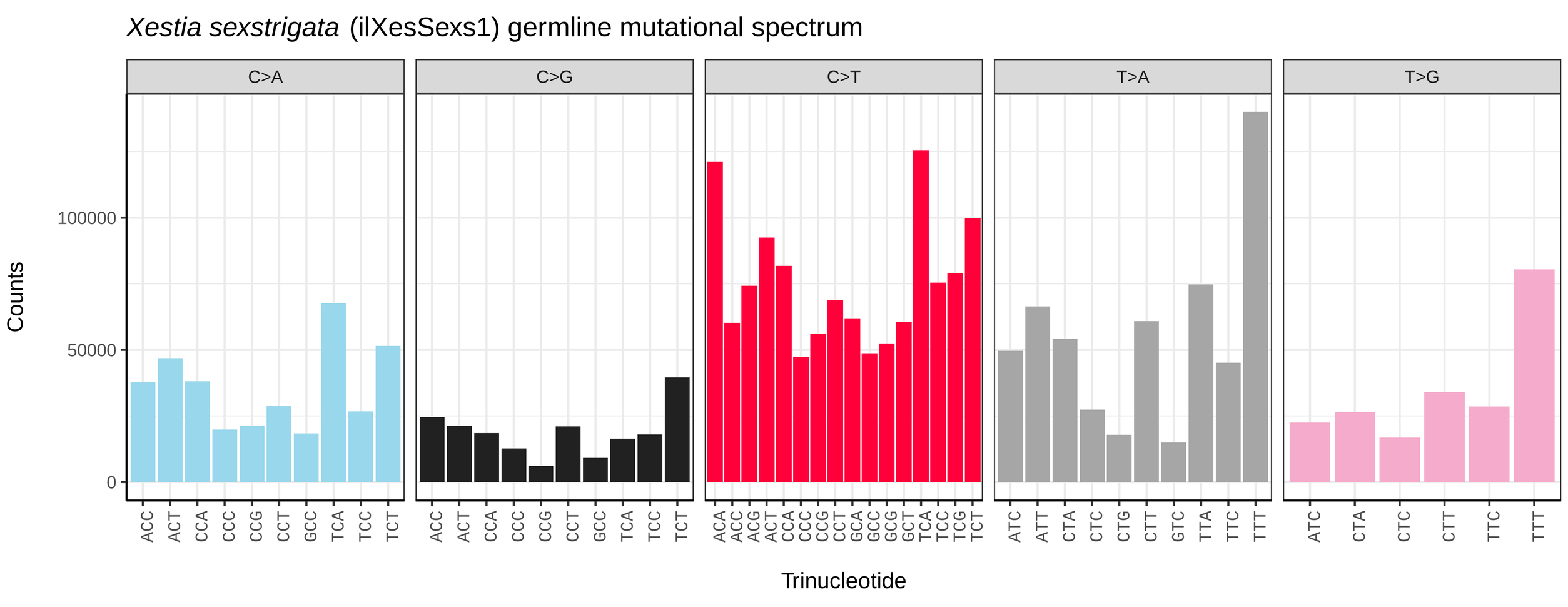


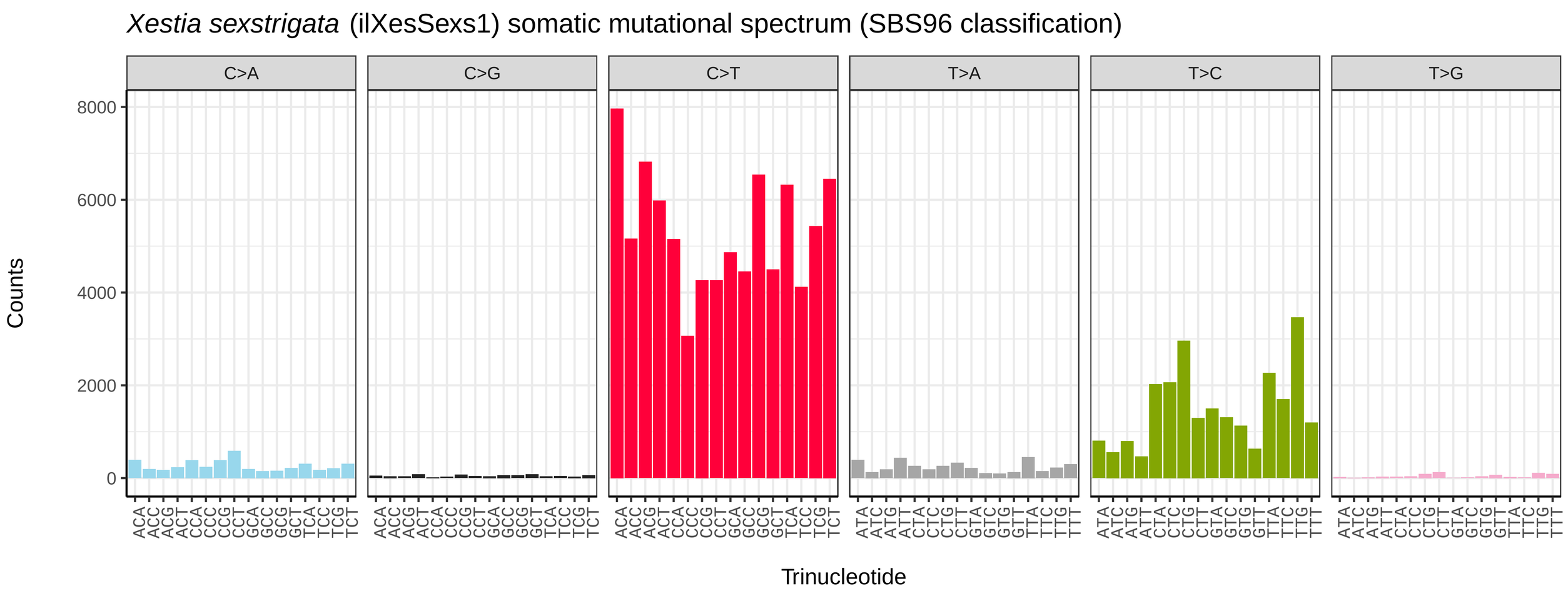
Xestia c−nigrum (ilXesCnig1) somatic mutational spectrum (SBS96 classification)

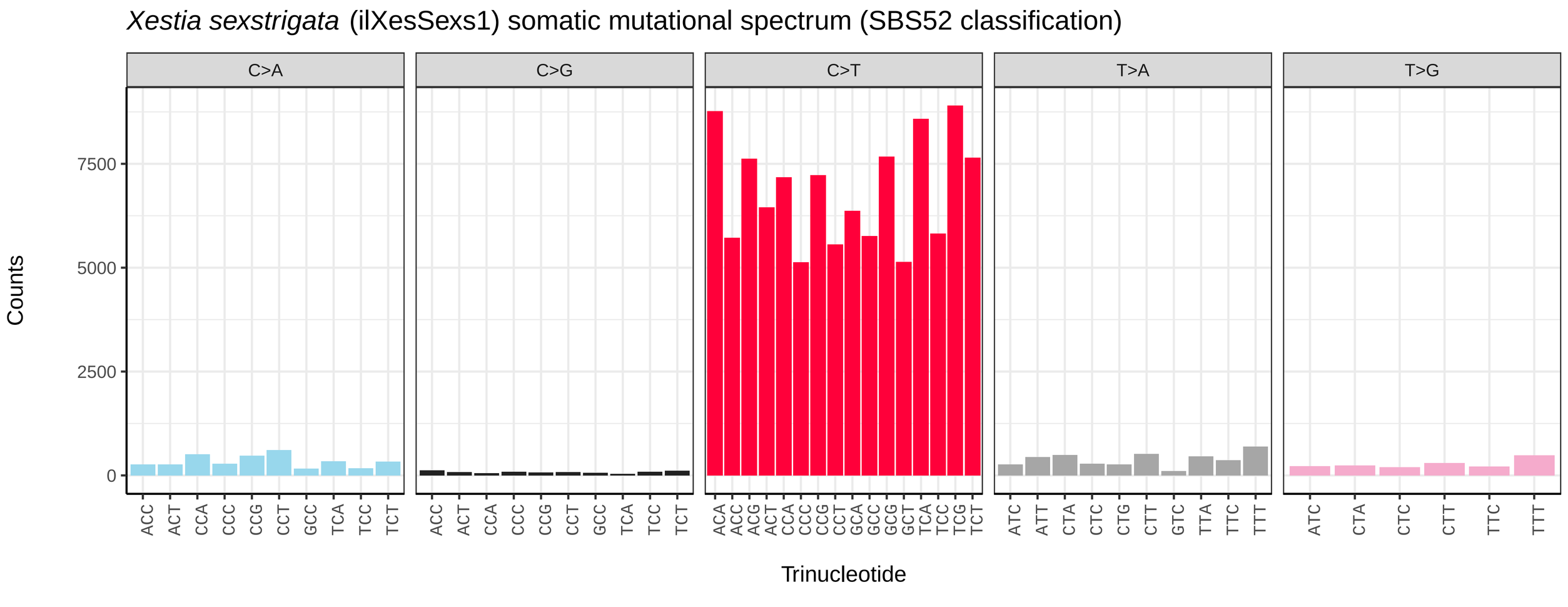


Xestia c−nigrum (ilXesCnig1) somatic mutational spectrum (SBS52 classification)

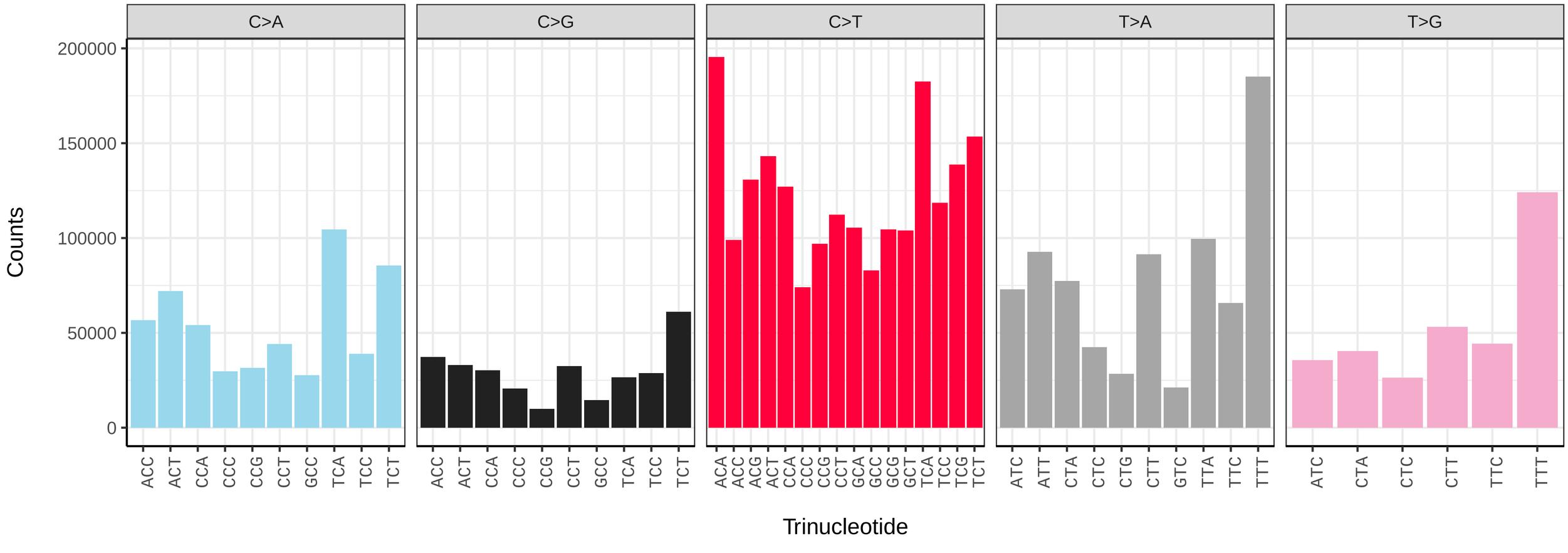



Xestia sexstrigata (ilXesSexs1) germline mutational spectrum
C>A
C>G
C>T
T>A
T>G
Counts
100000
50000
0
ACC ACT CCA CCC CCG CCT GCC TCA TCC TCT
ACC ACT CCA CCC CCG CCT GCC TCA TCC TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATC ATT CTA CTC CTG CTT GTC TTA TTC TTT
ATC CTA CTC CTT TTC TTT
Trinucleotide

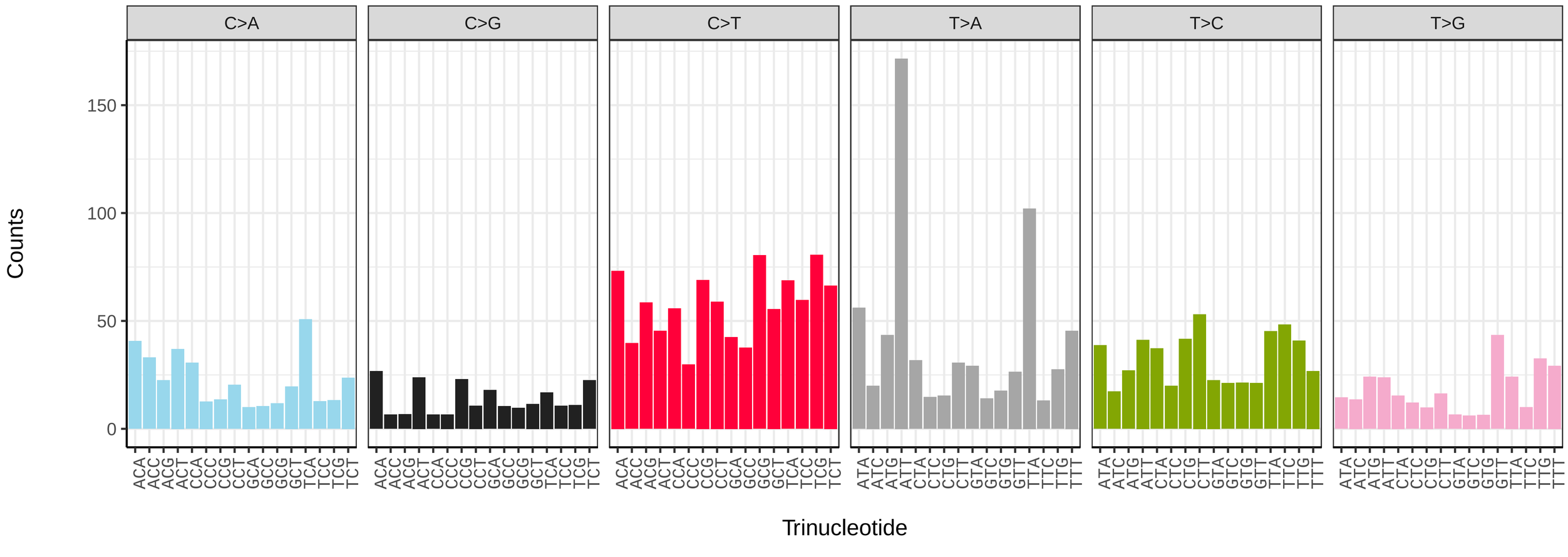

Xestia sexstrigata (ilXesSexs1) somatic mutational spectrum (SBS96 classification)
C>A
C>G
C>T
T>A
T>C
T>G
Counts
8000
6000
4000
2000
0
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
Trinucleotide


Xestia sexstrigata (ilXesSexs1) somatic mutational spectrum (SBS52 classification)
C>A
C>G
C>T
T>A
T>G
Counts
7500
5000
2500
0
ACC ACT CCA CCC CCG CCT GCC TCA TCC TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATC ATT CTA CTC CTG CTT GTC TTA TTC TTT
ATC CTA CTC CTT TTC TTT
Trinucleotide

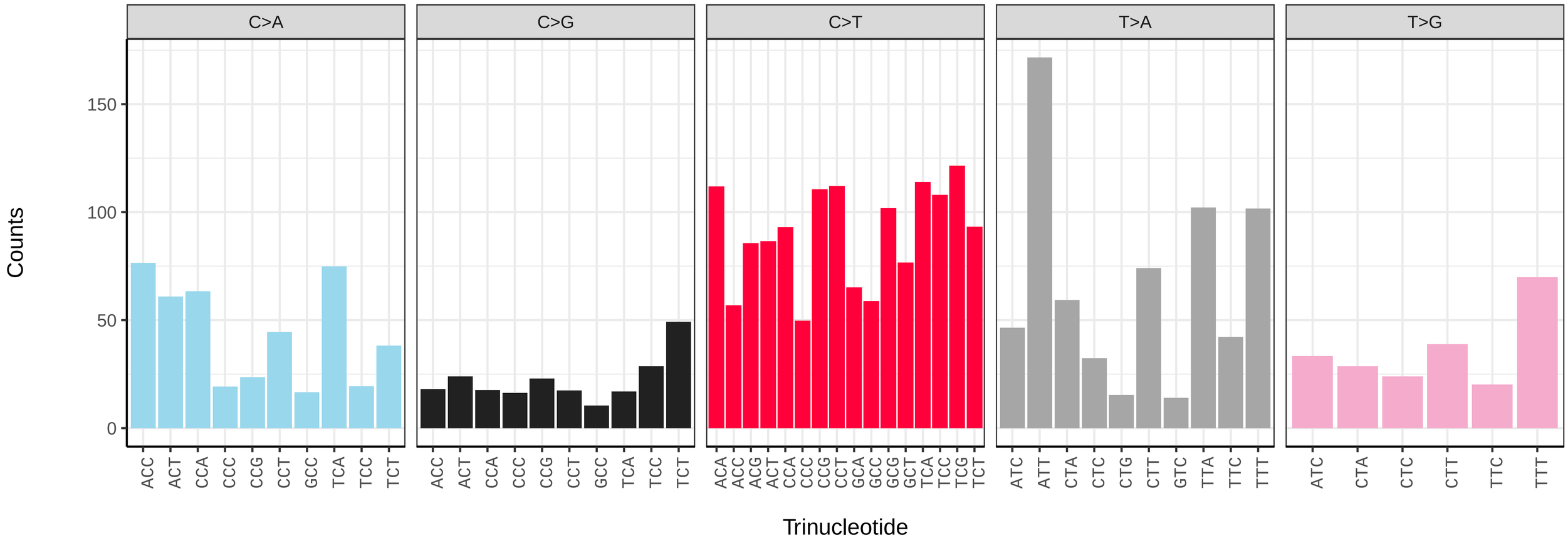
Xestia xanthographa (ilXesXant1) germline mutational spectrum



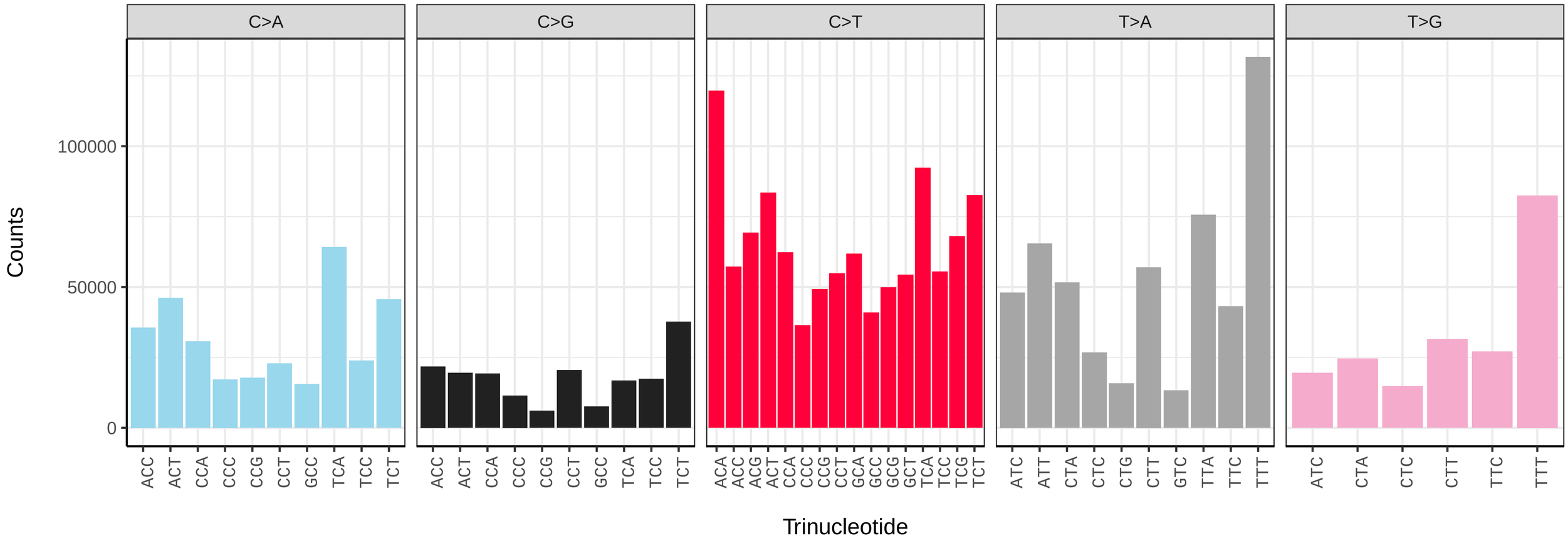
Xestia xanthographa (ilXesXant1) somatic mutational spectrum (SBS96 classification)



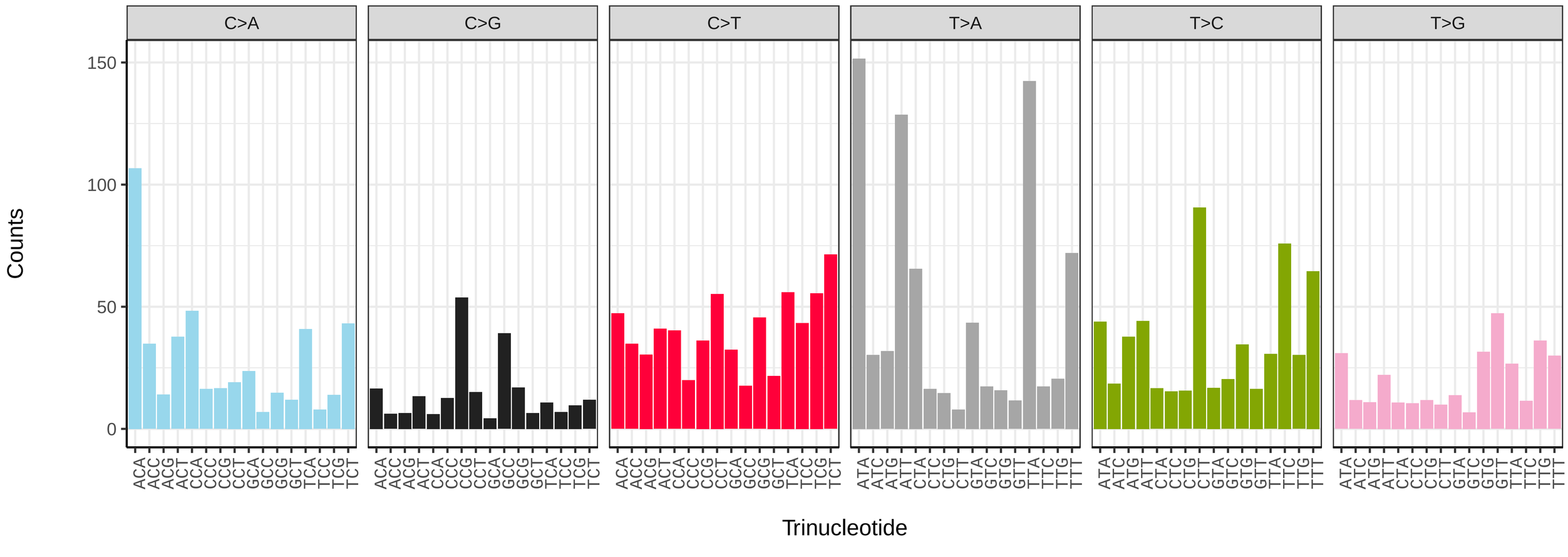
Xestia xanthographa (ilXesXant1) somatic mutational spectrum (SBS52 classification)



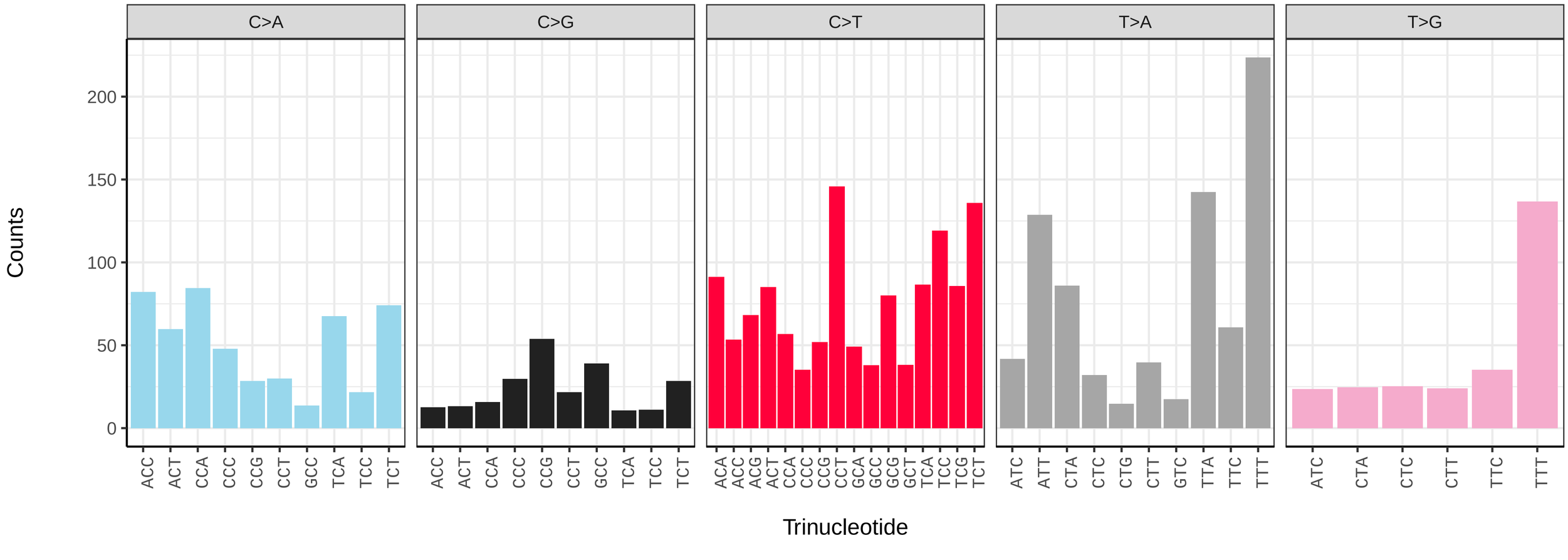
Xylocampa areola (ilXylAreo1) germline mutational spectrum



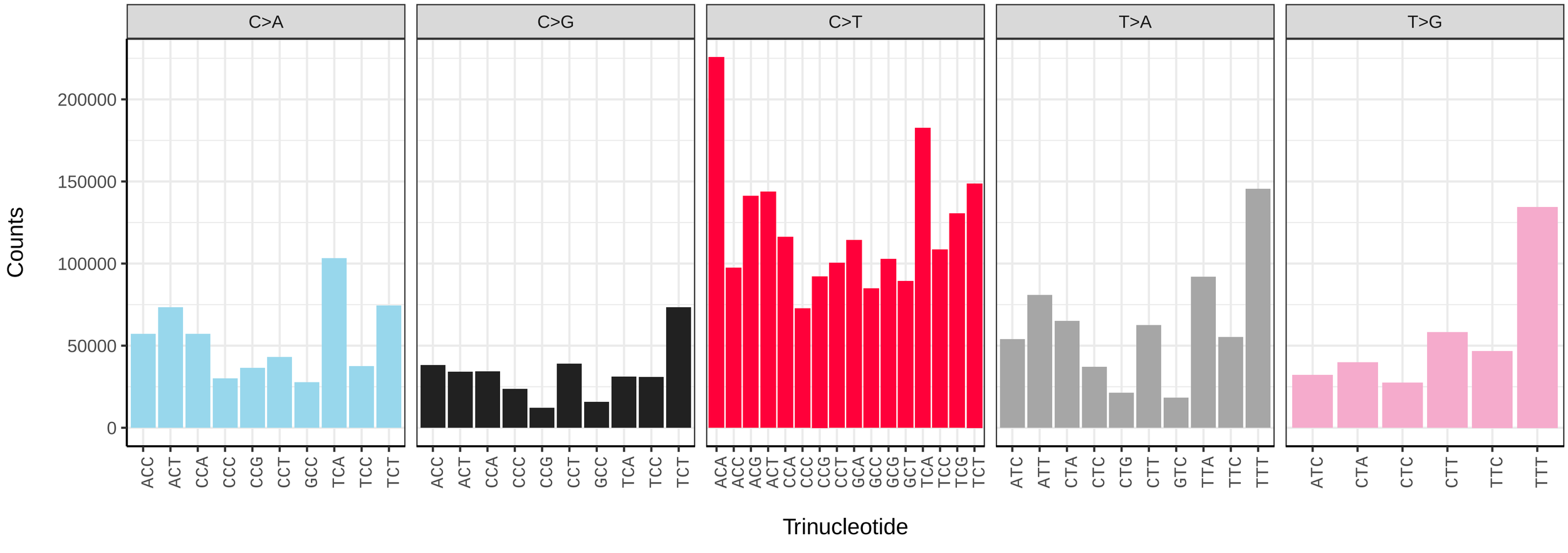
Xylocampa areola (ilXylAreo1) somatic mutational spectrum (SBS96 classification)



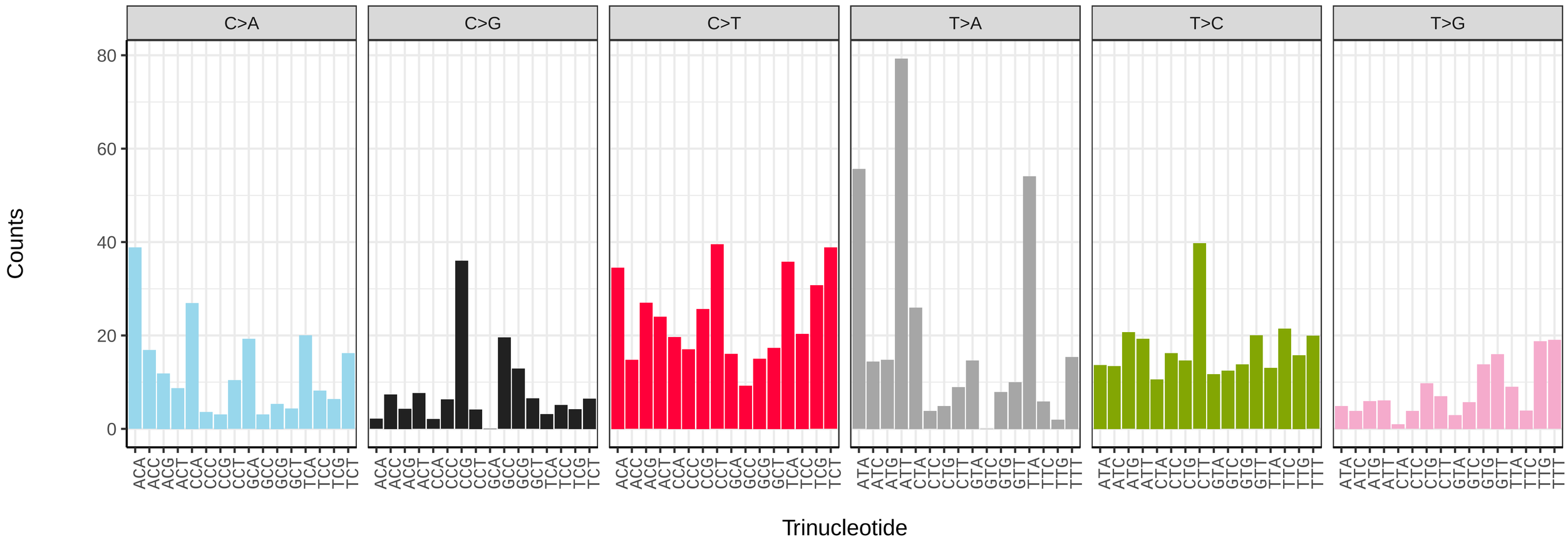
Xylocampa areola (ilXylAreo1) somatic mutational spectrum (SBS52 classification)



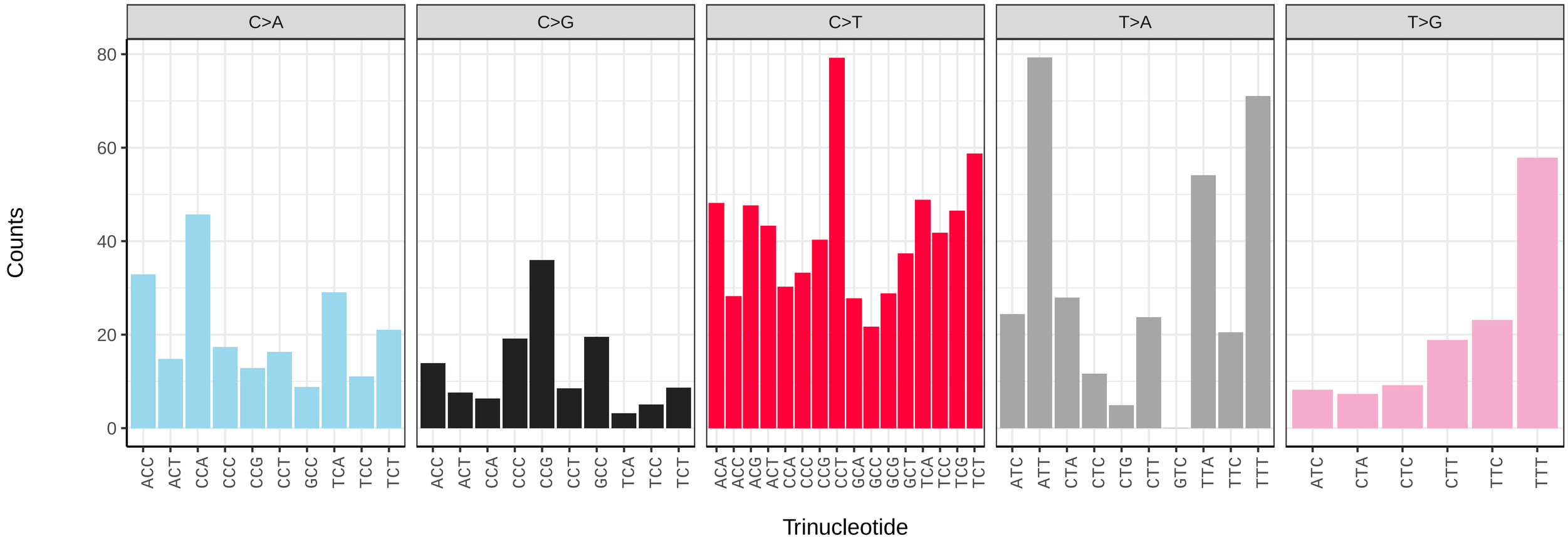
Yponomeuta cagnagella (ilYpoCagn1) germline mutational spectrum



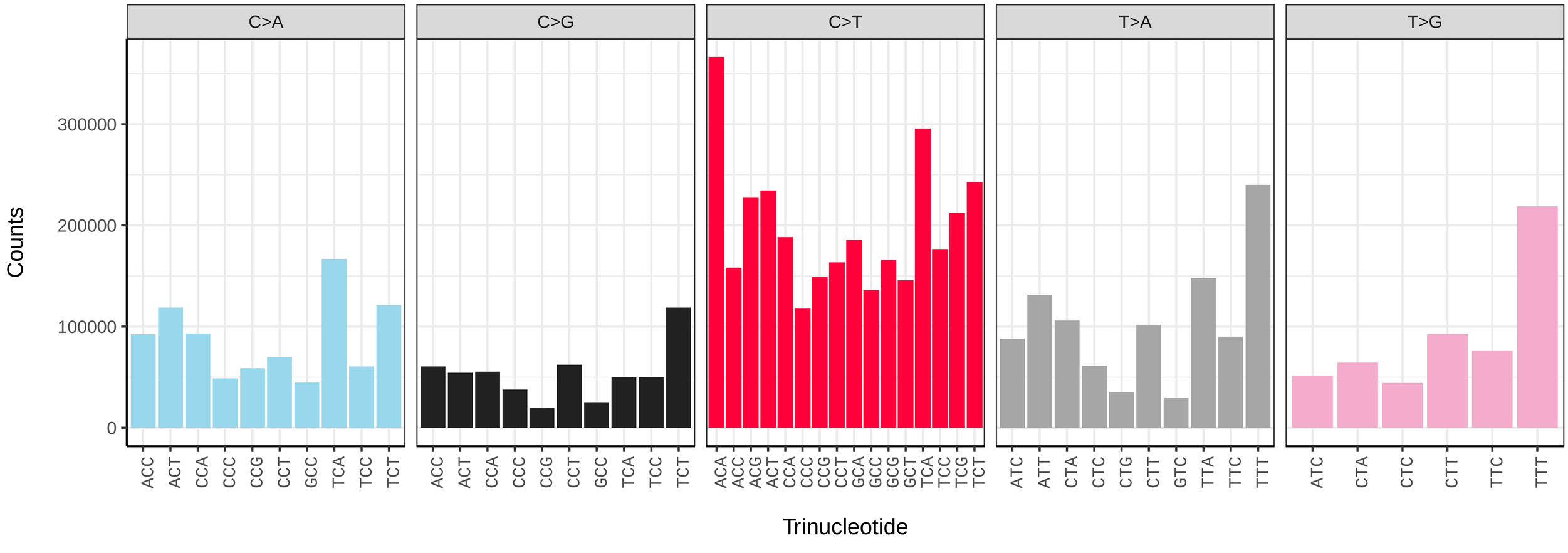
Yponomeuta cagnagella (ilYpoCagn1) somatic mutational spectrum (SBS96 classification)



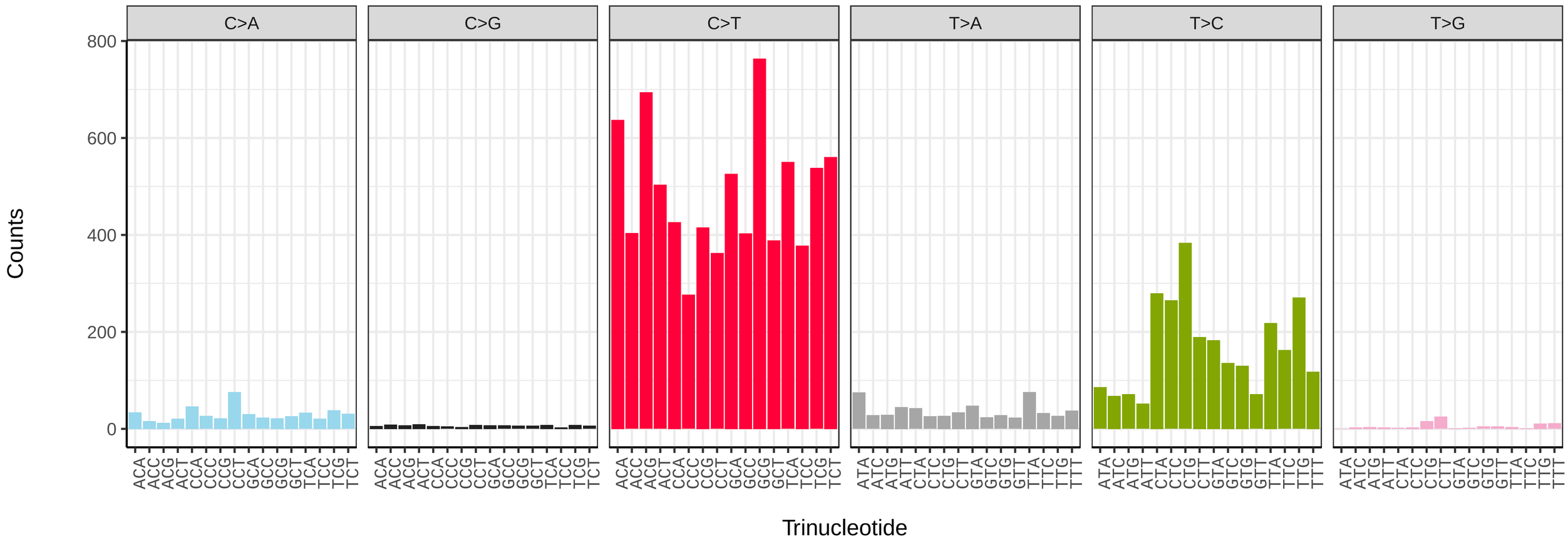
Yponomeuta cagnagella (ilYpoCagn1) somatic mutational spectrum (SBS52 classification)



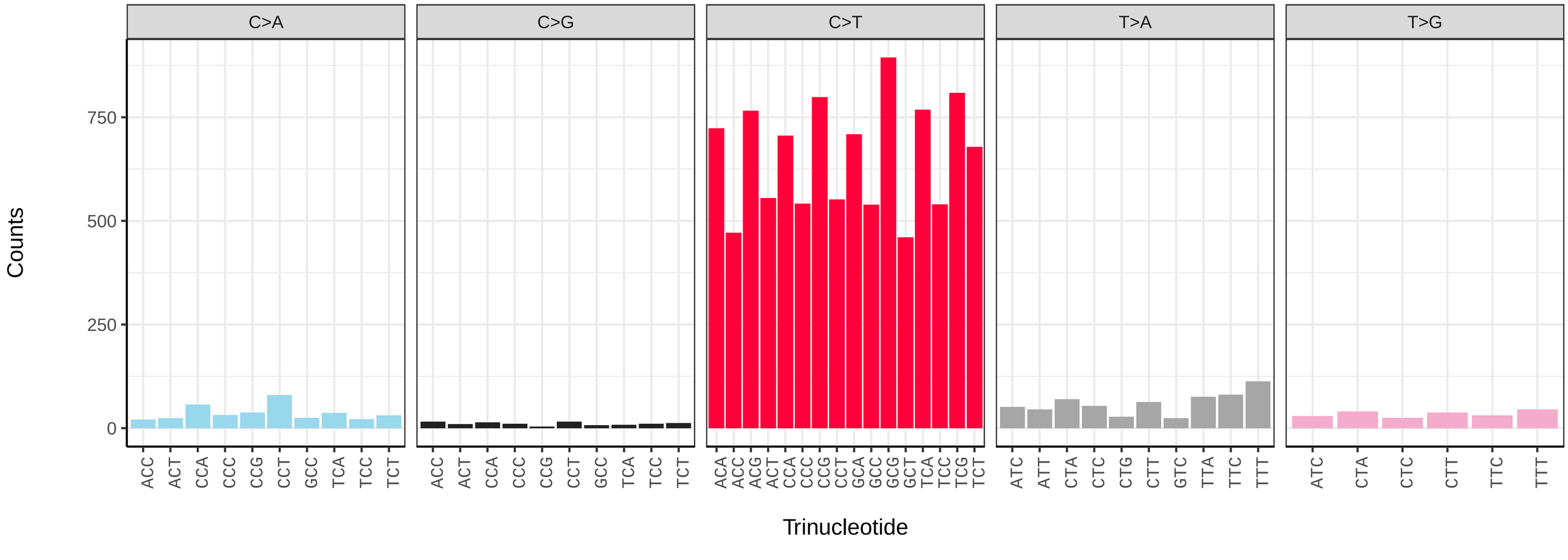
Yponomeuta cagnagella (ilYpoCagn1.ilYpoCagn5) germline mutational spectrum



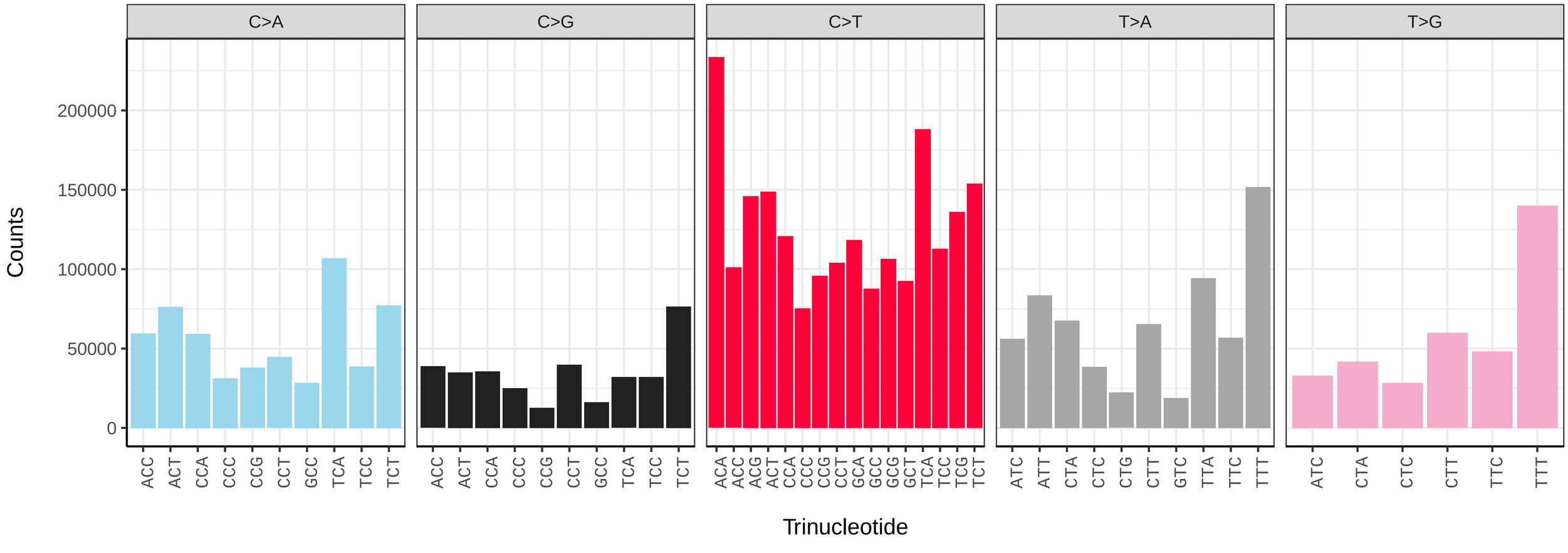
Yponomeuta cagnagella (ilYpoCagn1.ilYpoCagn5) somatic mutational spectrum (SBS96 classification)



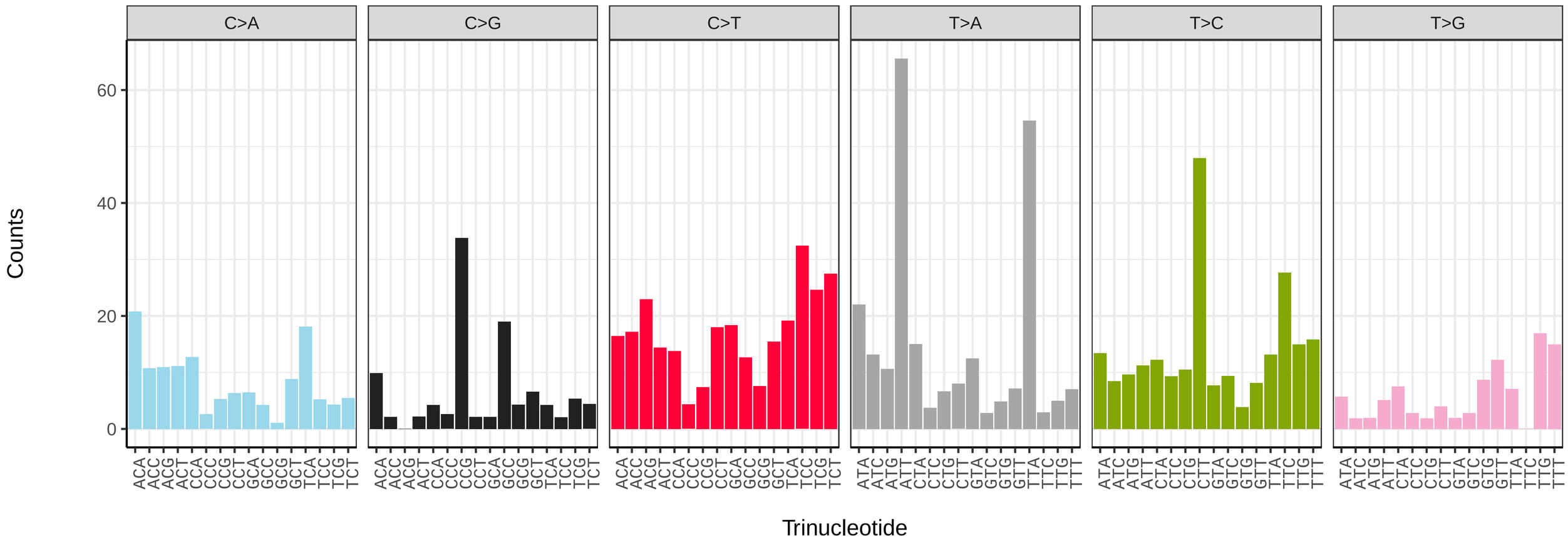
Yponomeuta cagnagella (ilYpoCagn1.ilYpoCagn5) somatic mutational spectrum (SBS52 classification)



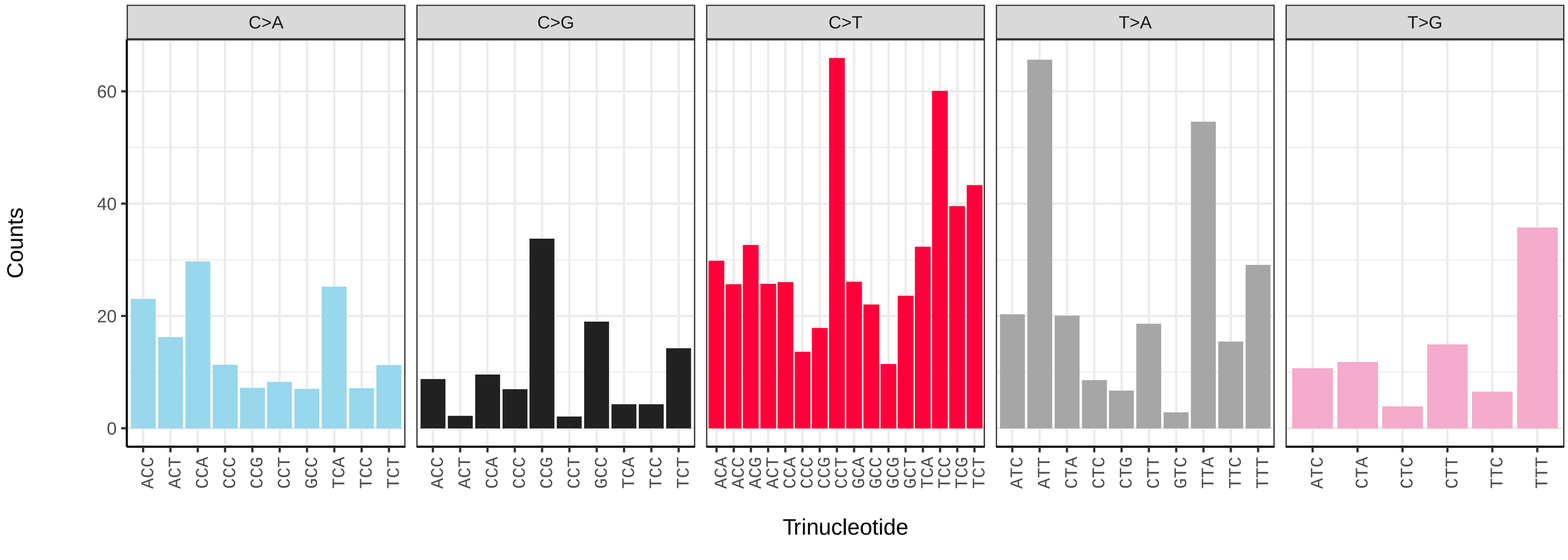
Yponomeuta padella (ilYpoPade2) germline mutational spectrum



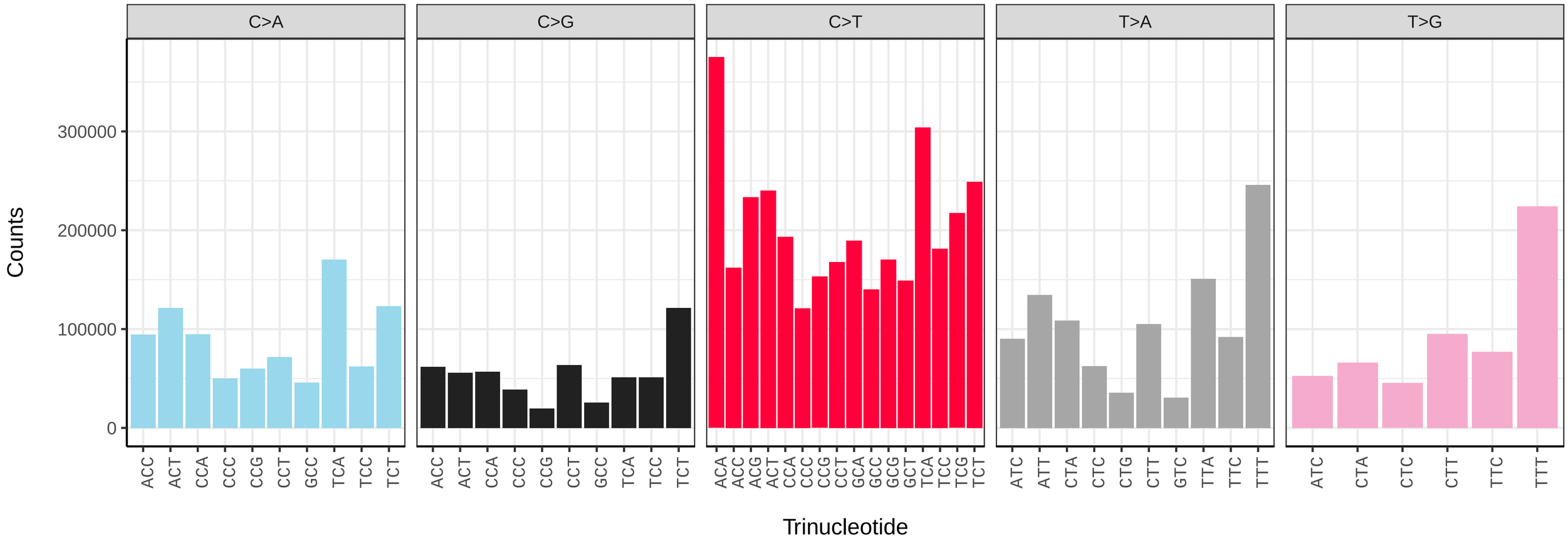
Yponomeuta padella (ilYpoPade2) somatic mutational spectrum (SBS96 classification)



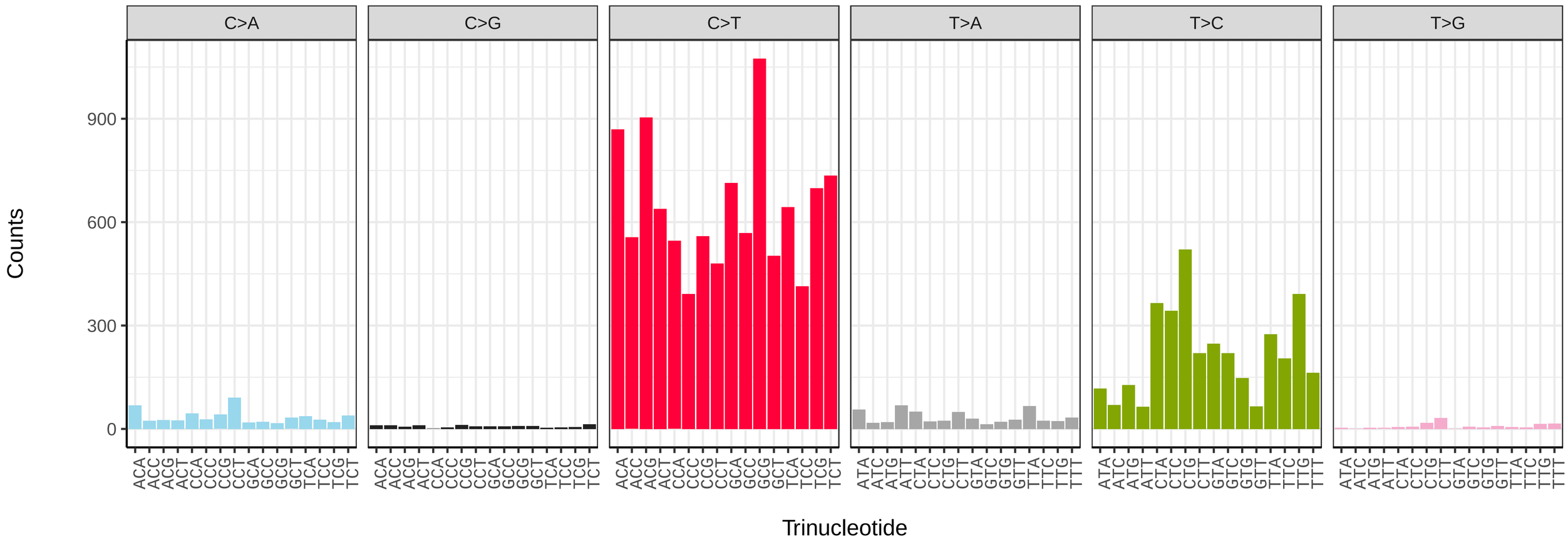
Yponomeuta padella (ilYpoPade2) somatic mutational spectrum (SBS52 classification)



Yponomeuta padella (ilYpoPade2.ilYpoPade1) germline mutational spectrum



Yponomeuta padella (ilYpoPade2.ilYpoPade1) somatic mutational spectrum (SBS96 classification)



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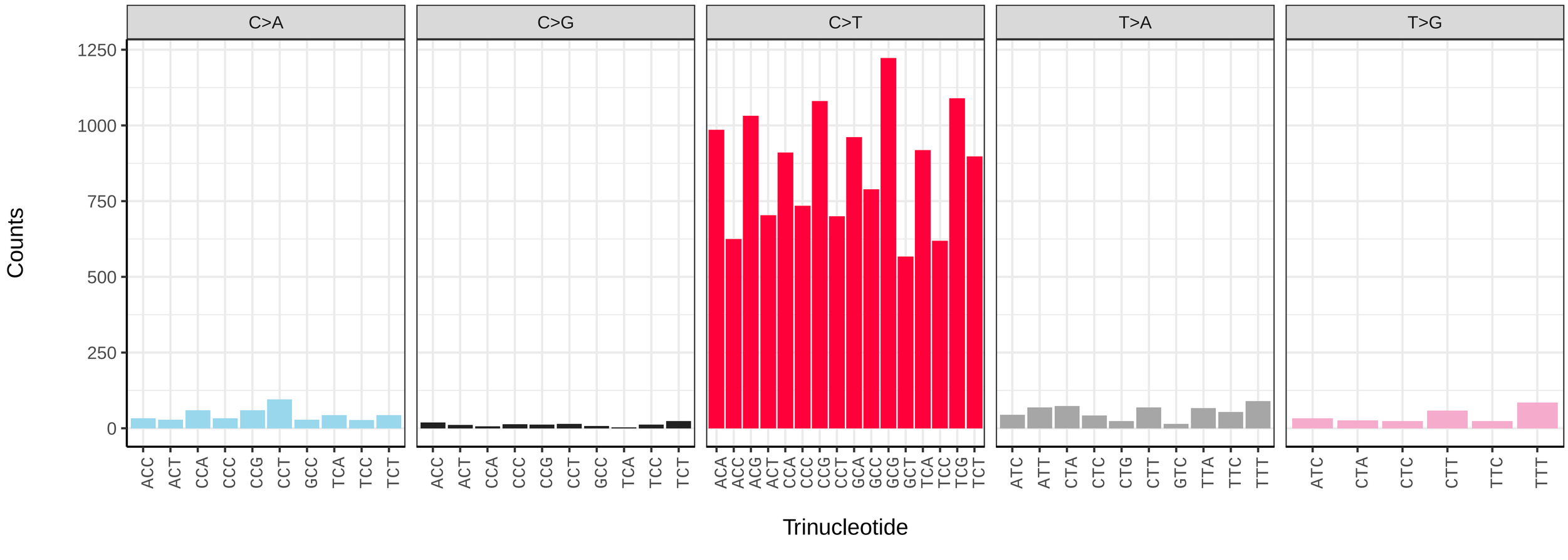
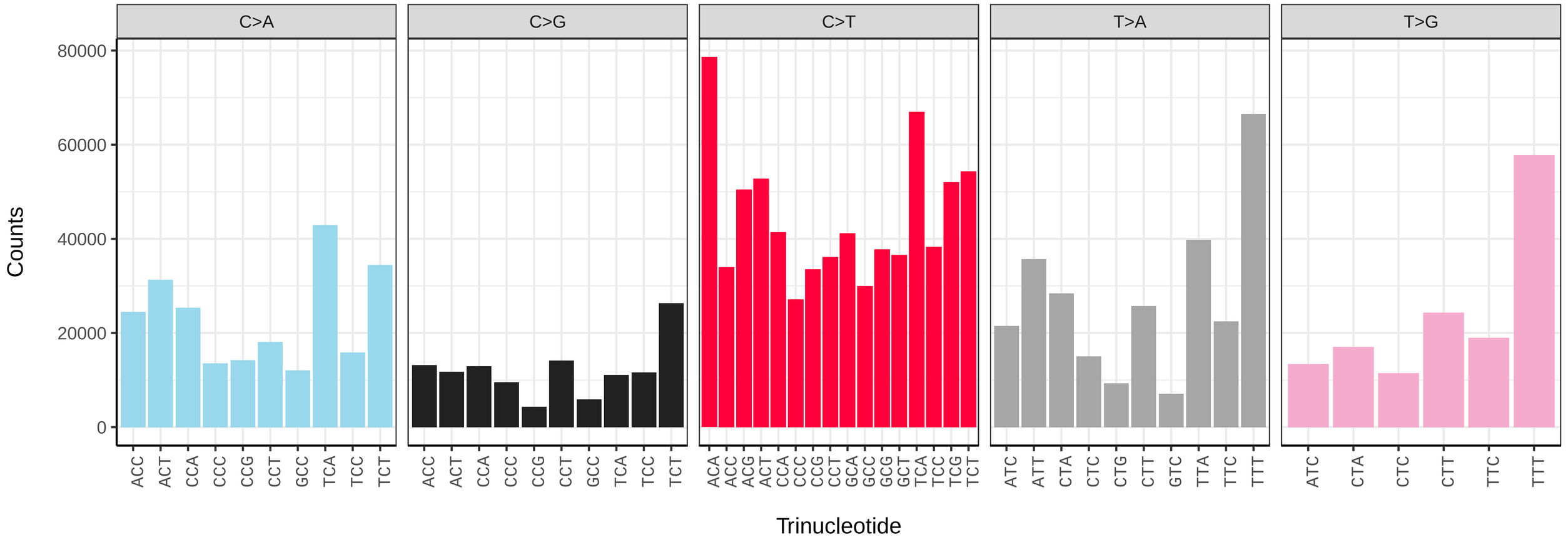
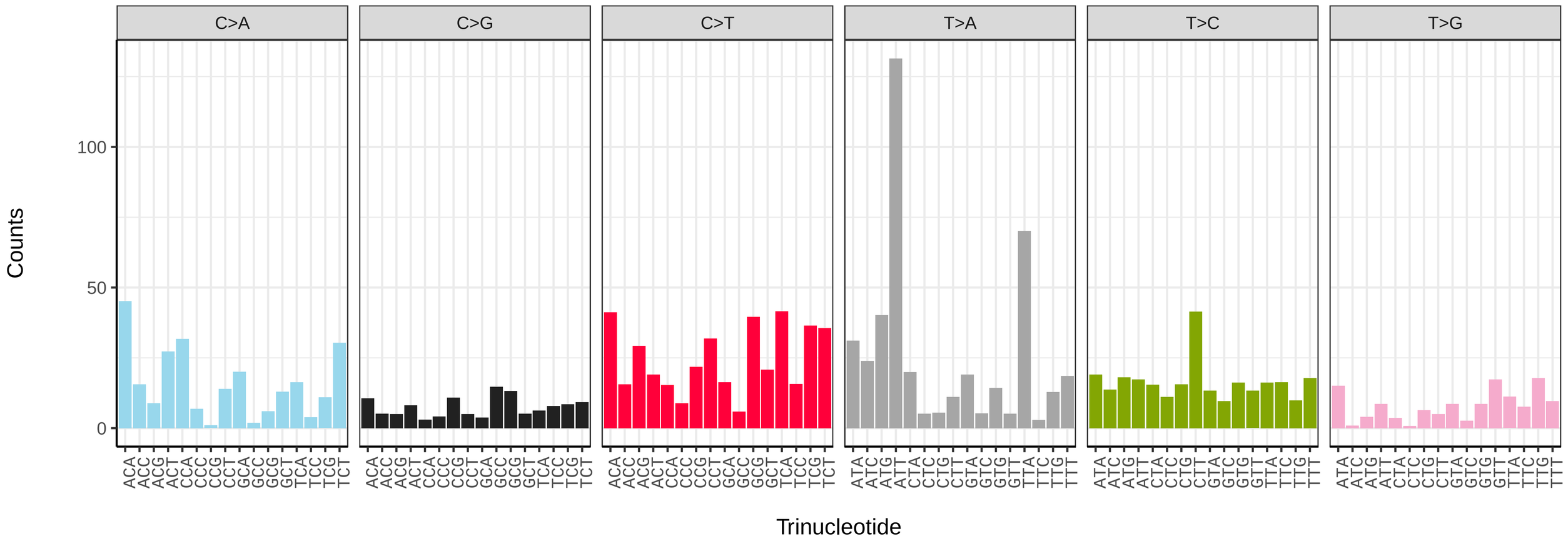


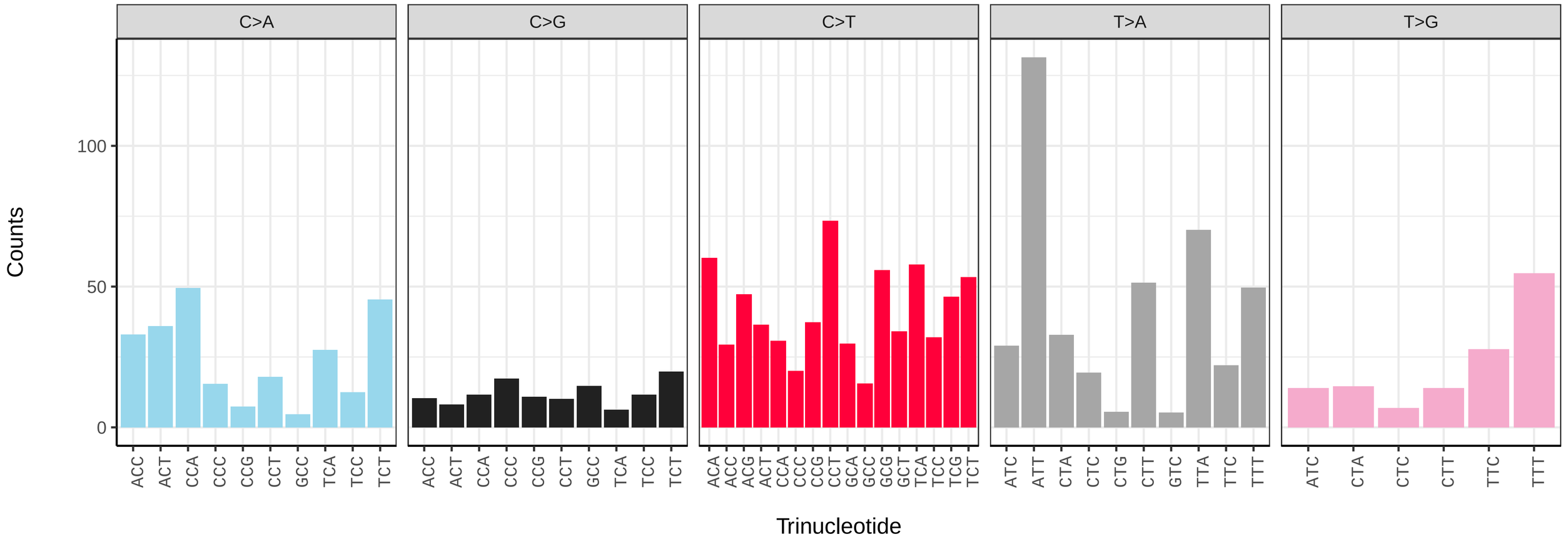
Yponomeuta plumbellus (ilYpoPlub1) germline mutational spectrum



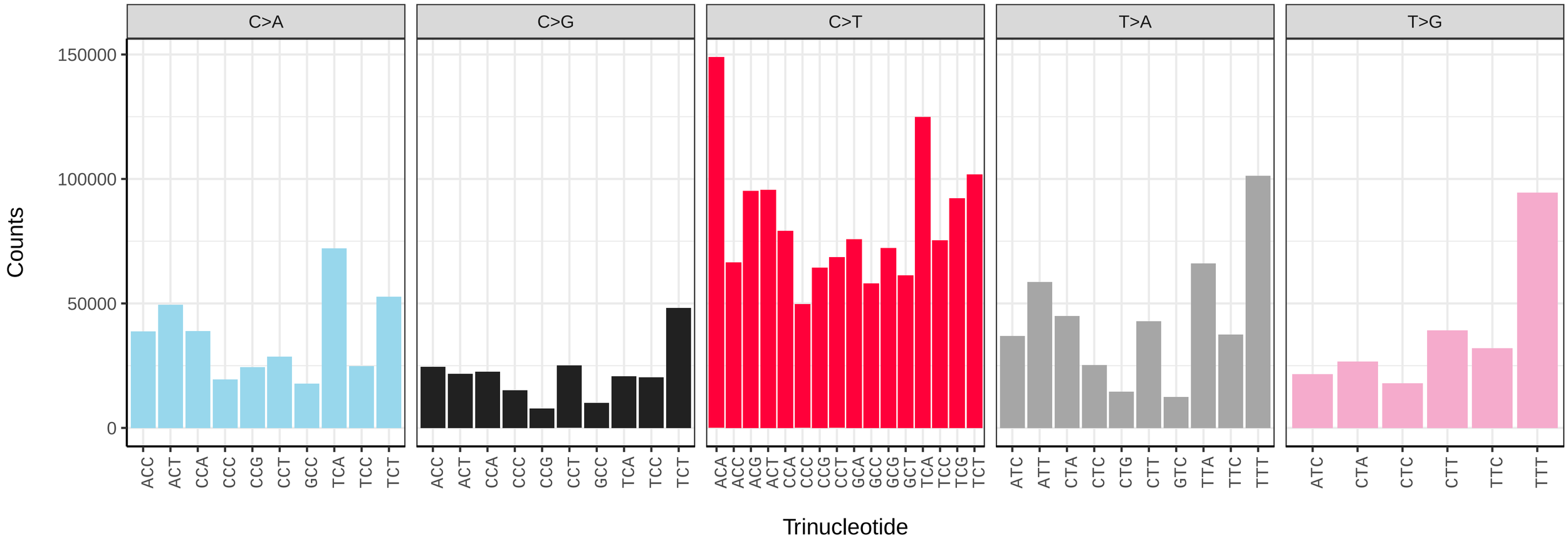
Yponomeuta plumbellus (ilYpoPlub1) somatic mutational spectrum (SBS96 classification)



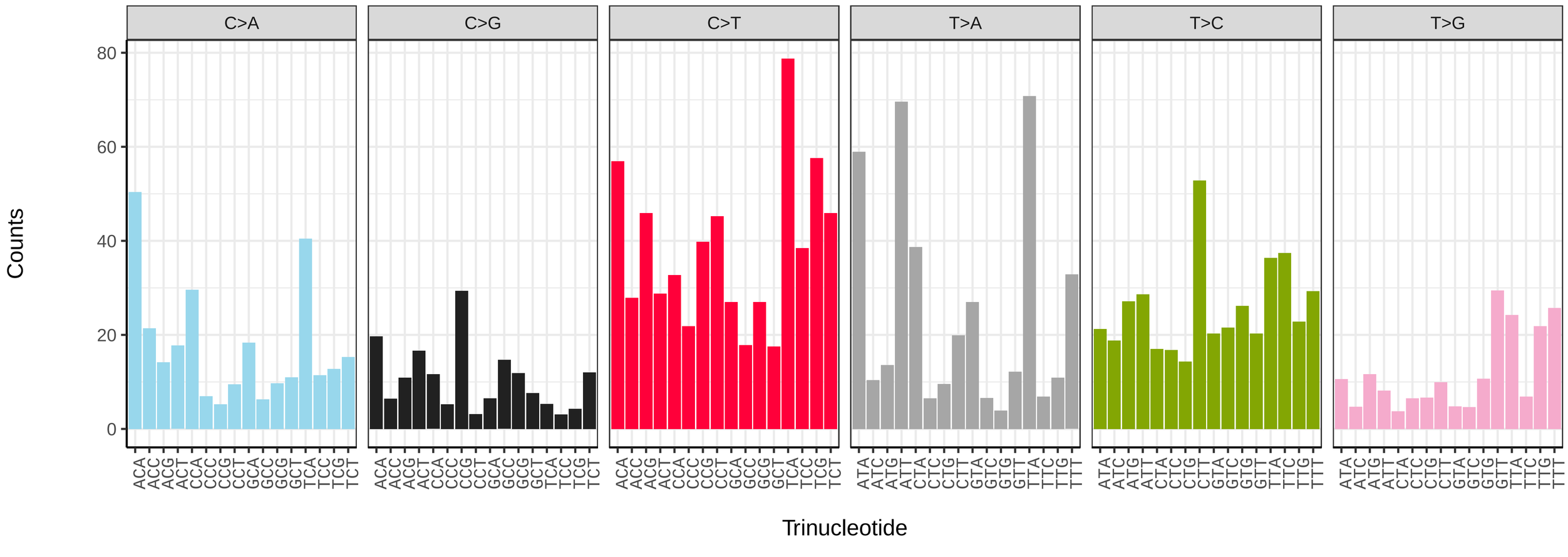
Yponomeuta plumbellus (ilYpoPlub1) somatic mutational spectrum (SBS52 classification)



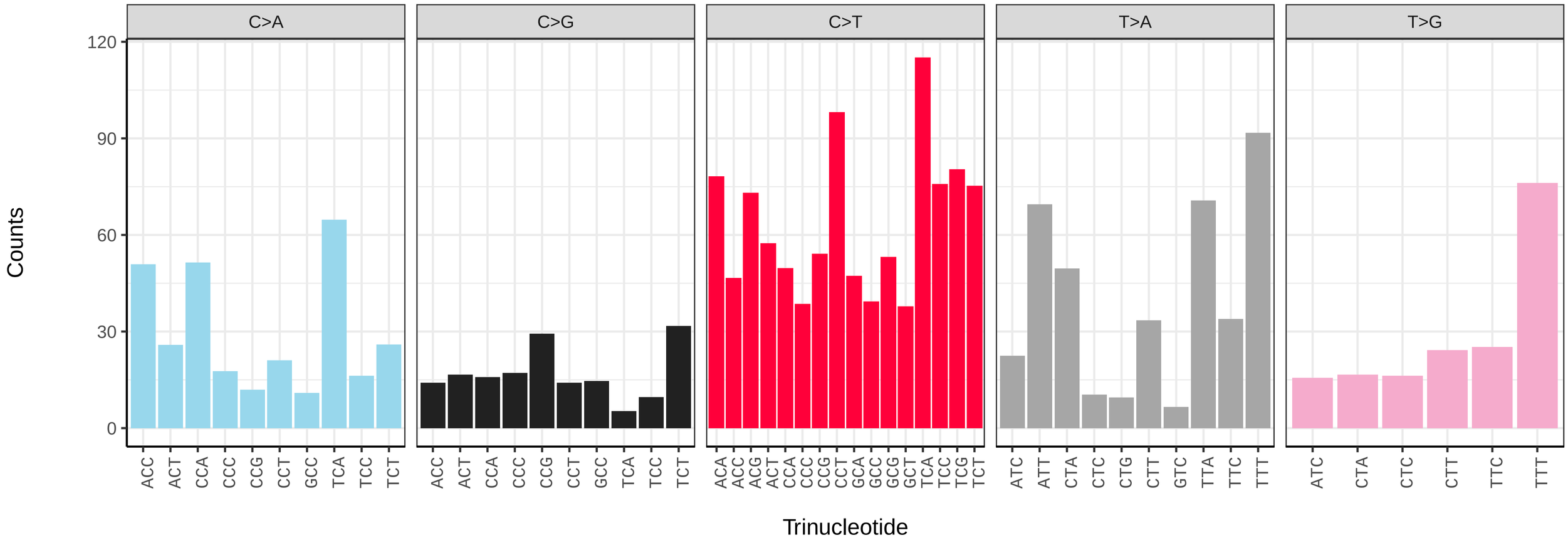
Yponomeuta rorrellus (ilYpoRore1) germline mutational spectrum



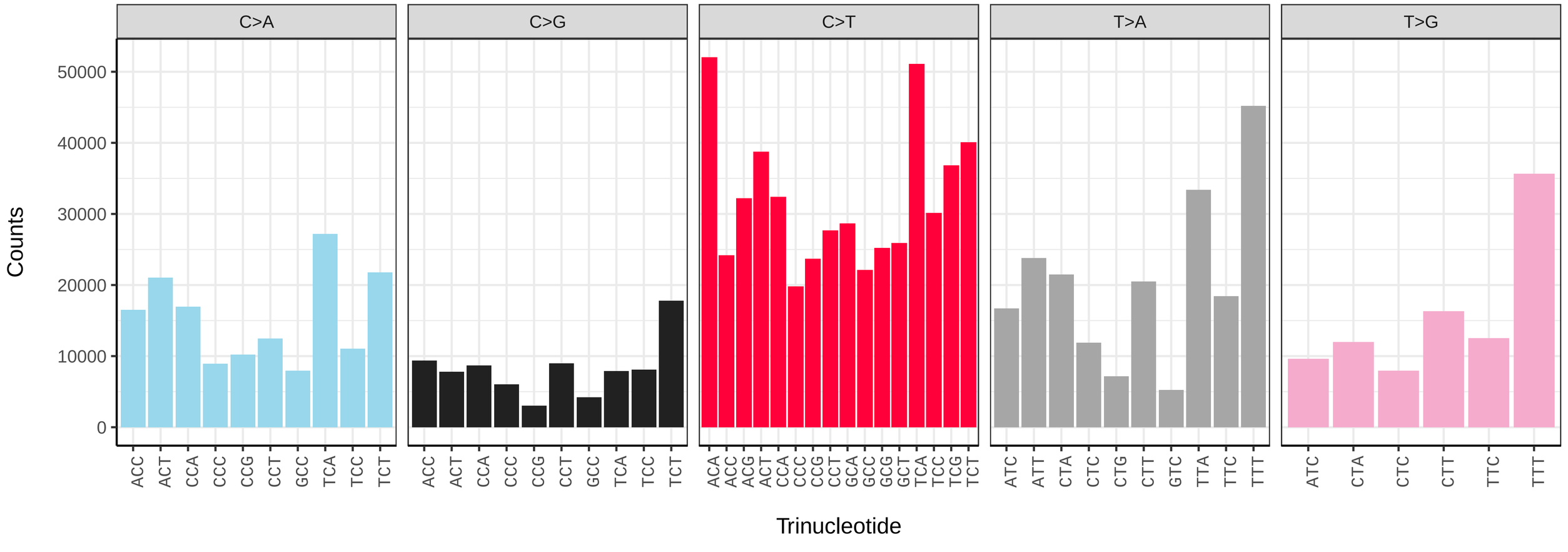
Yponomeuta rorrellus (ilYpoRore1) somatic mutational spectrum (SBS96 classification)



Yponomeuta rorrellus (ilYpoRore1) somatic mutational spectrum (SBS52 classification)



Yponomeuta sedellus (ilYpoSedl1) germline mutational spectrum



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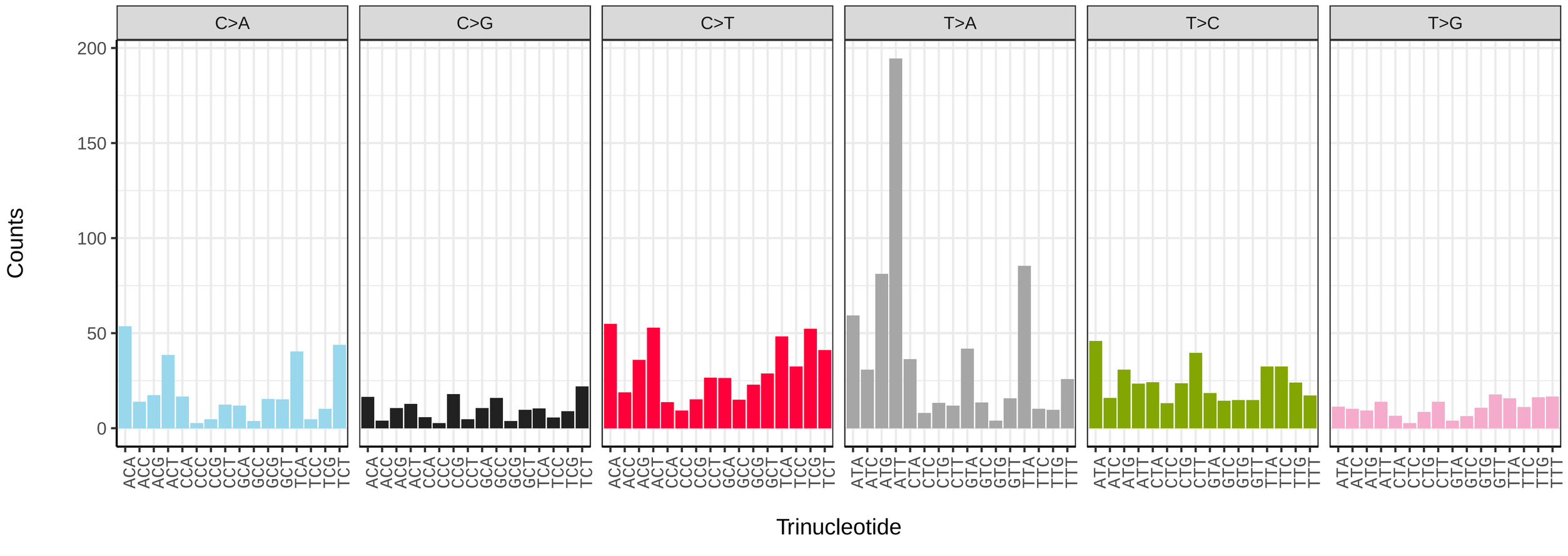

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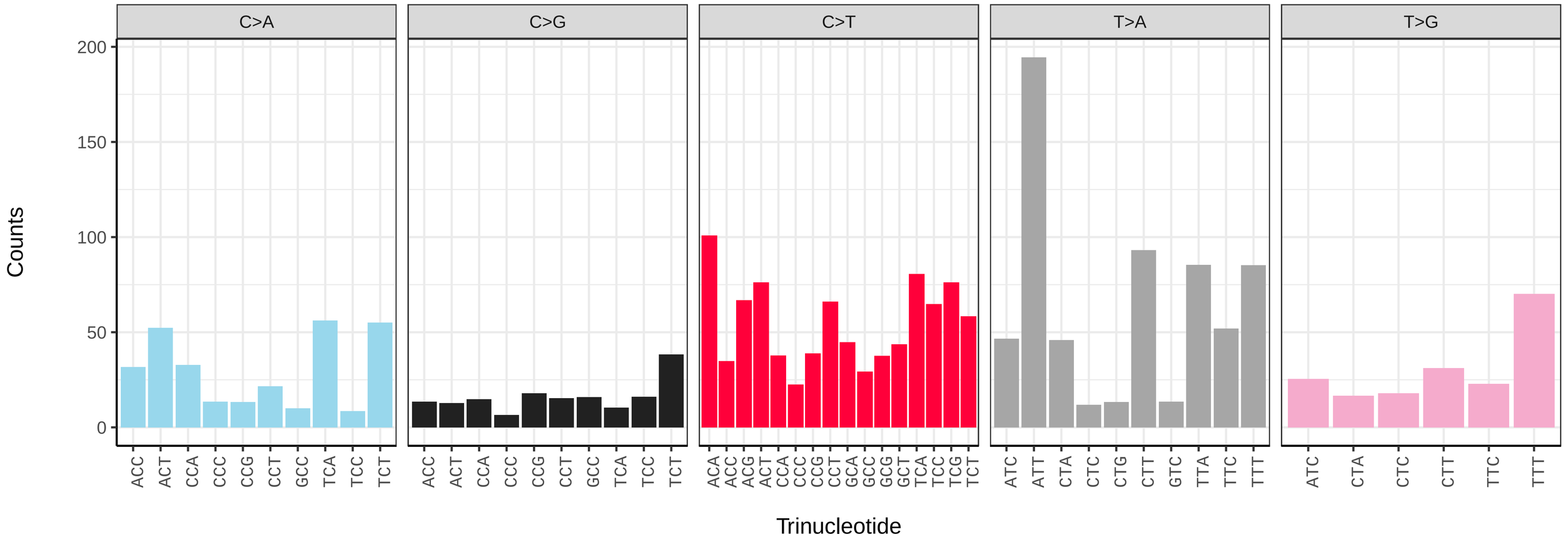
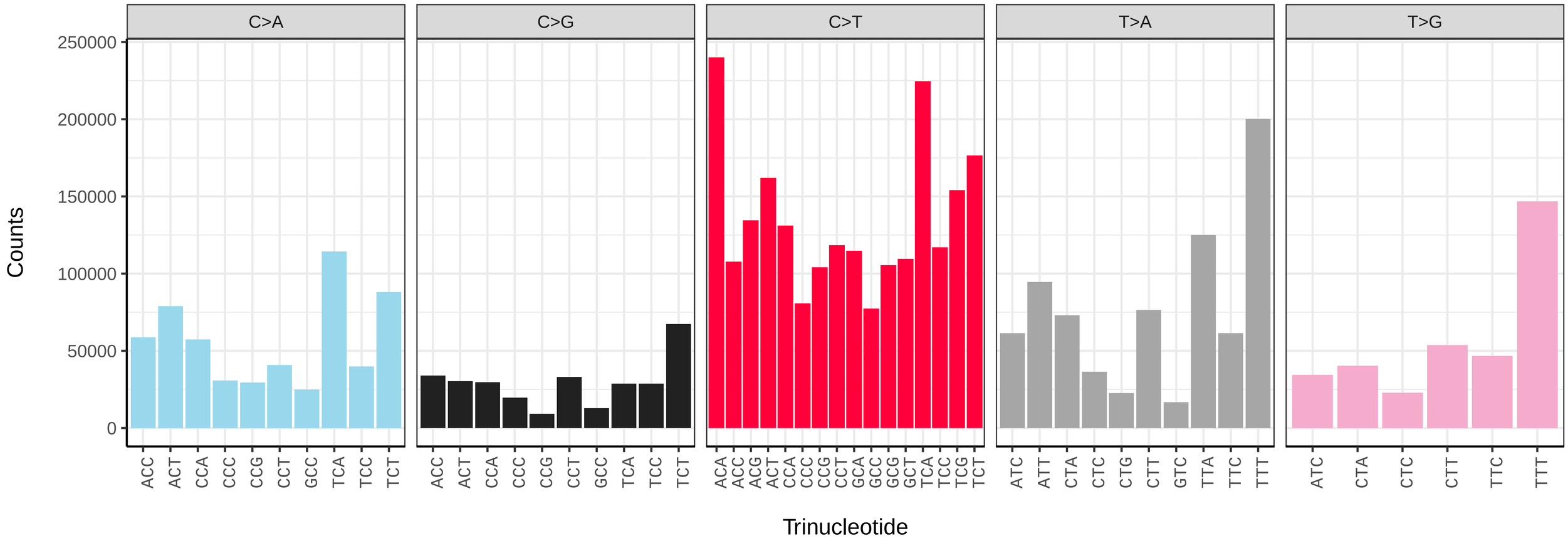


Ypsolopha scabrella (ilYpsScab1) germline mutational spectrum



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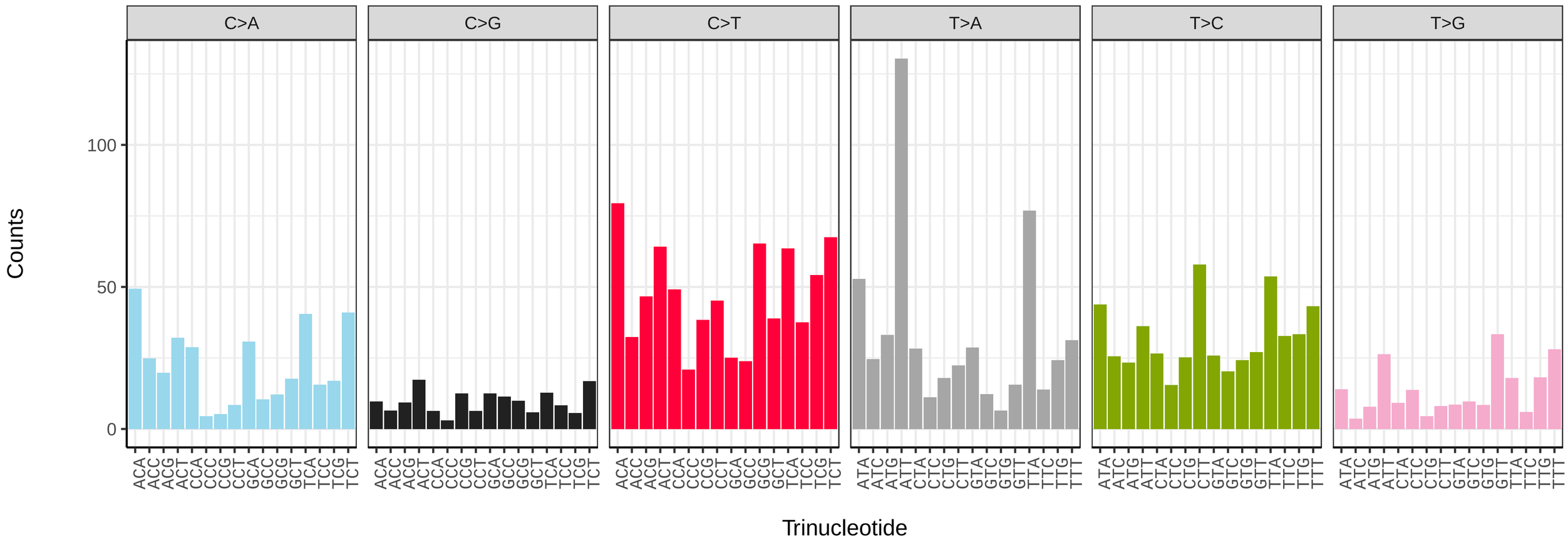
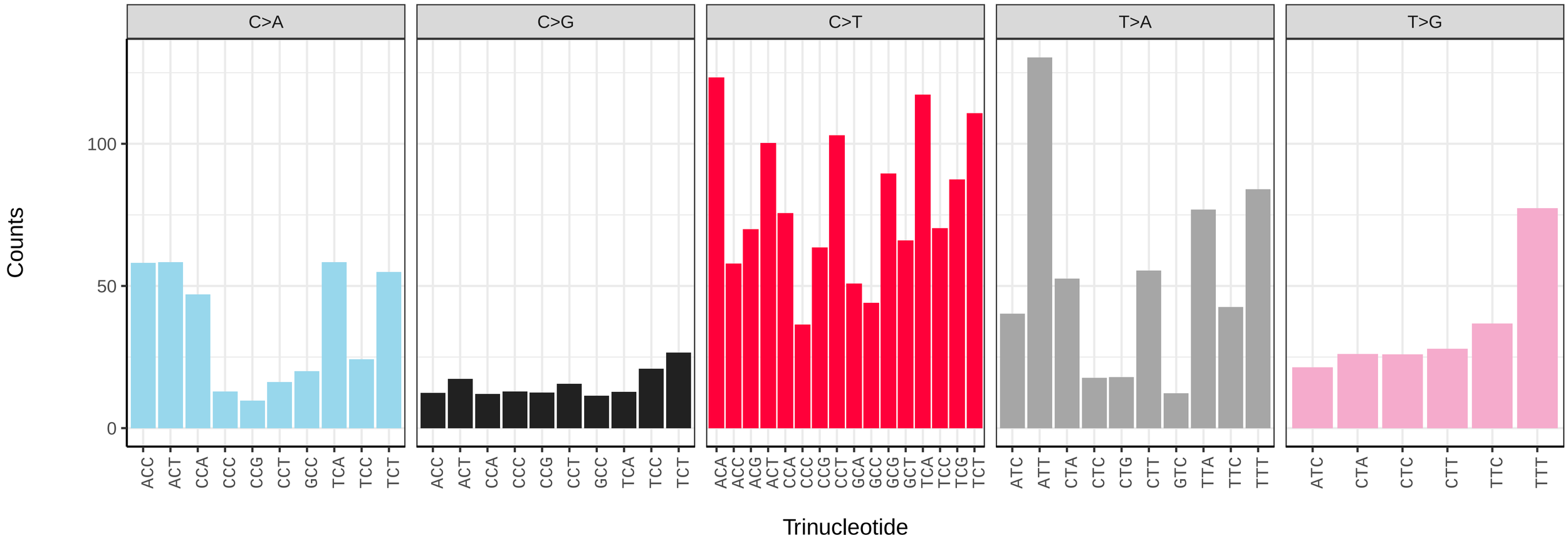
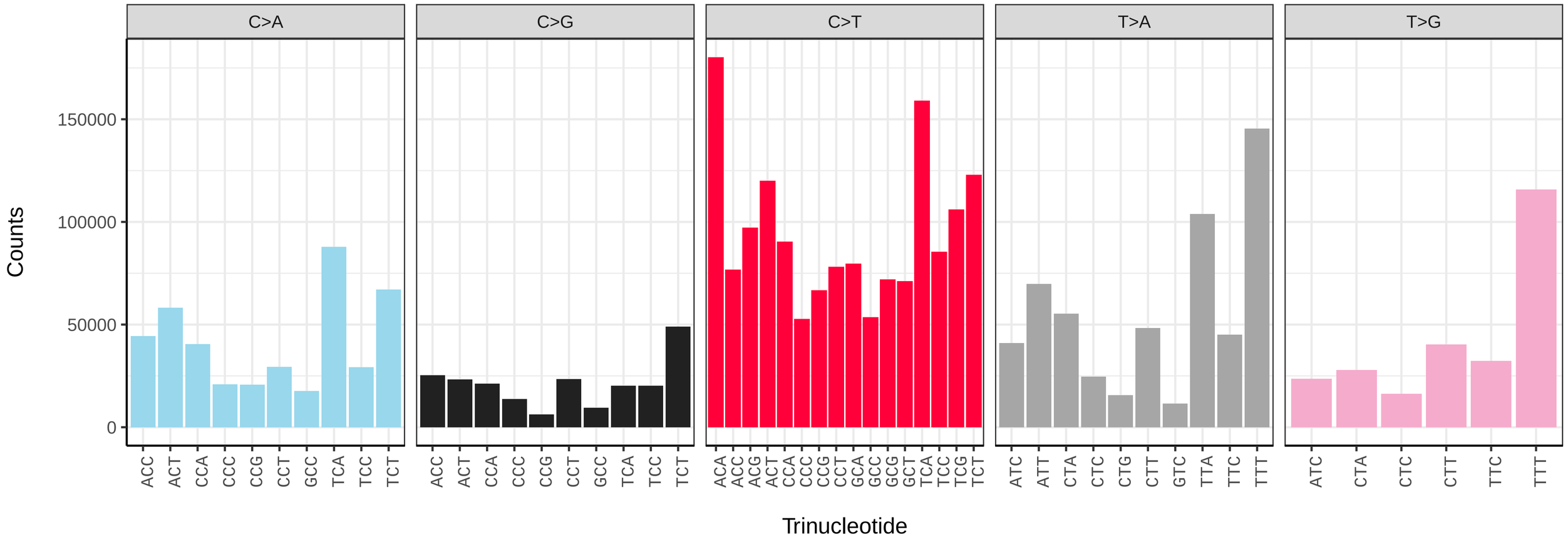


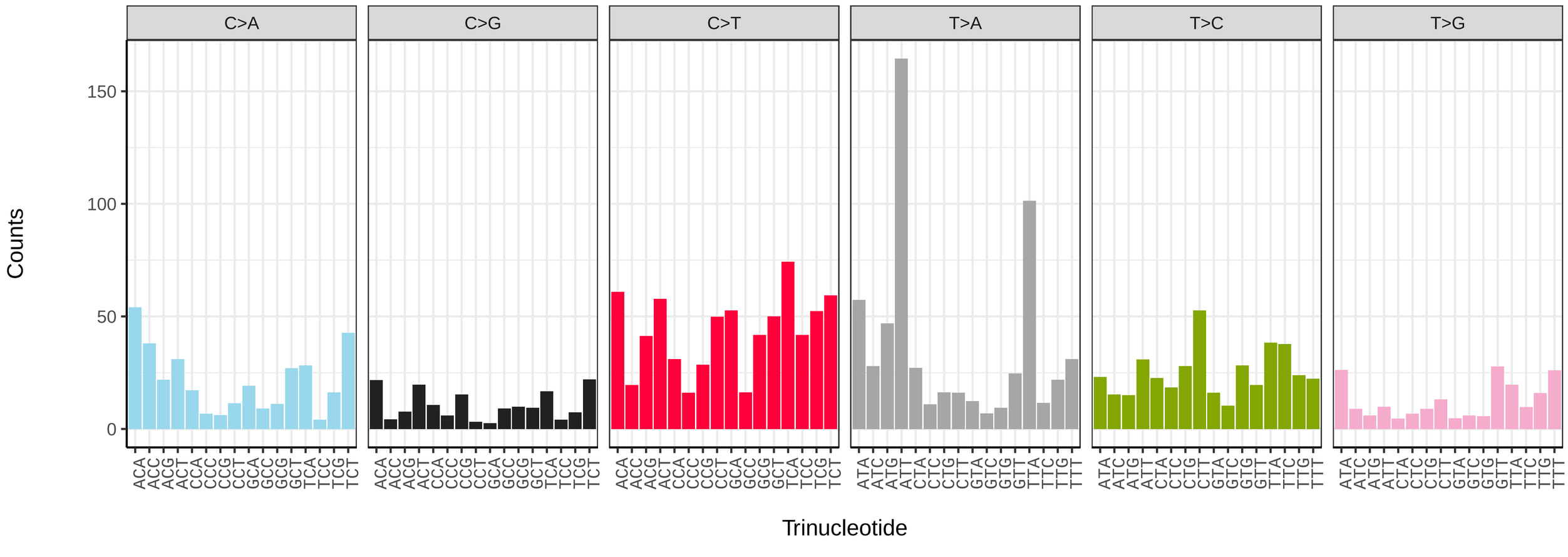
Ypsolopha scabrella (ilYpsScab1) somatic mutational spectrum (SBS52 classification)



Ypsolopha sequella (ilYpsSequ2) germline mutational spectrum



Ypsolopha sequella (ilYpsSequ2) somatic mutational spectrum (SBS96 classification)



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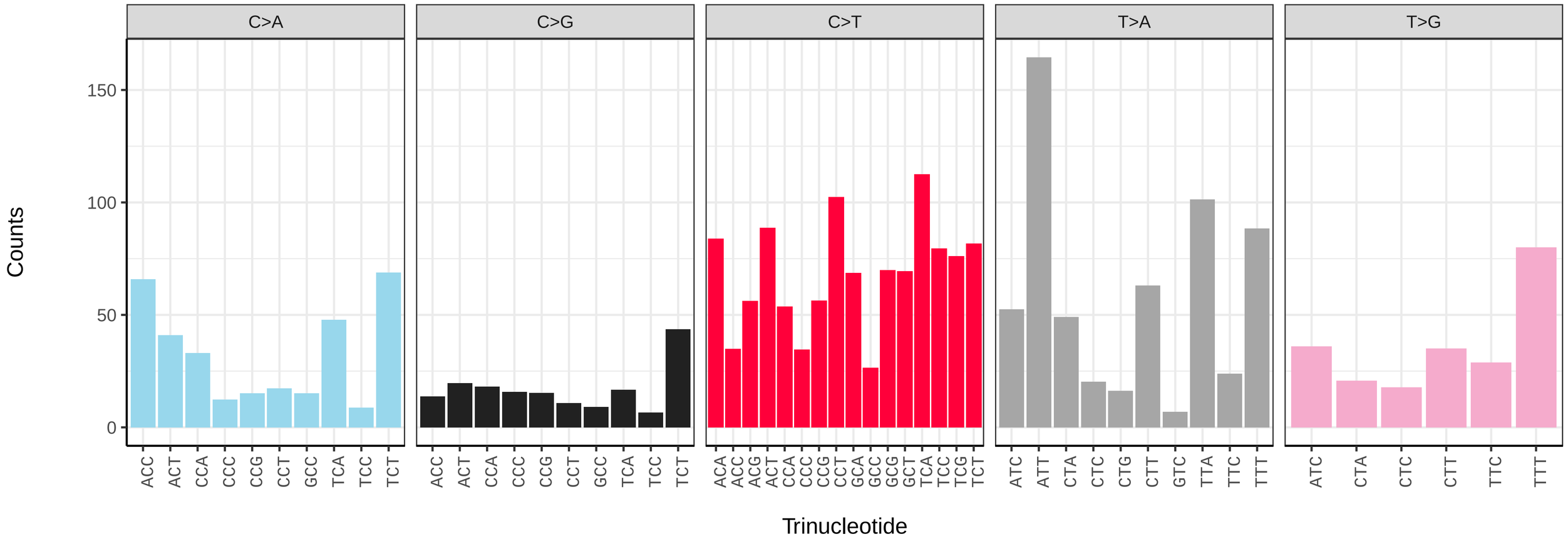
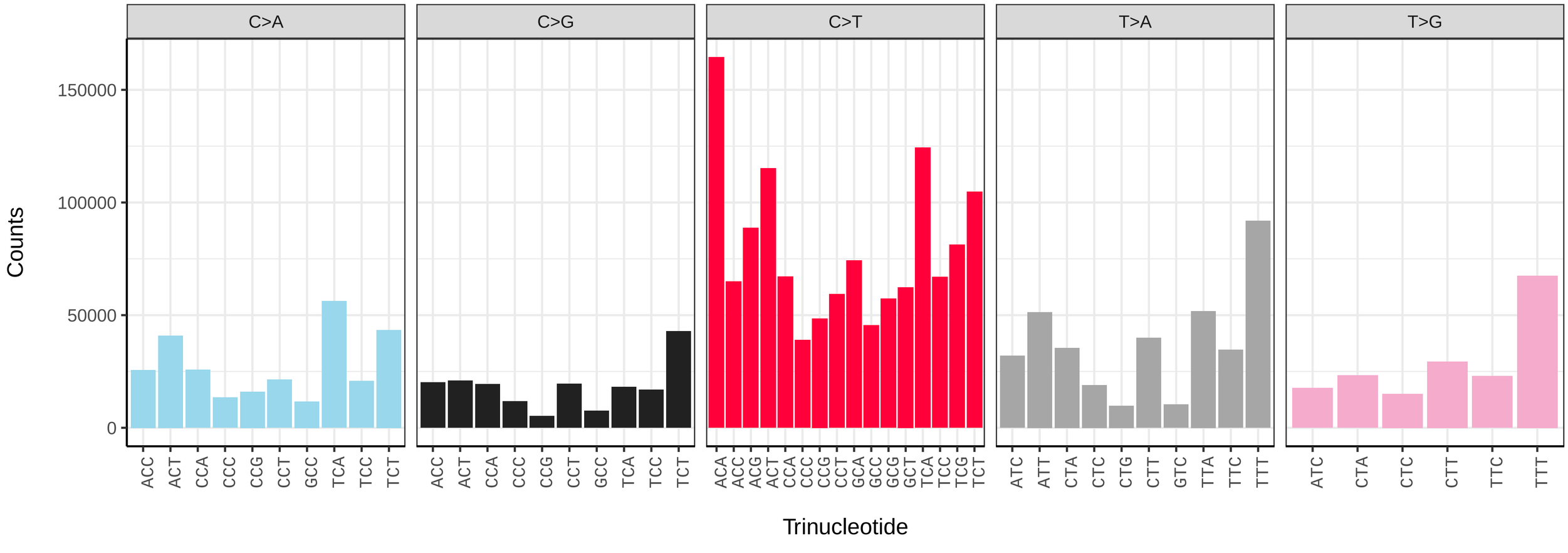
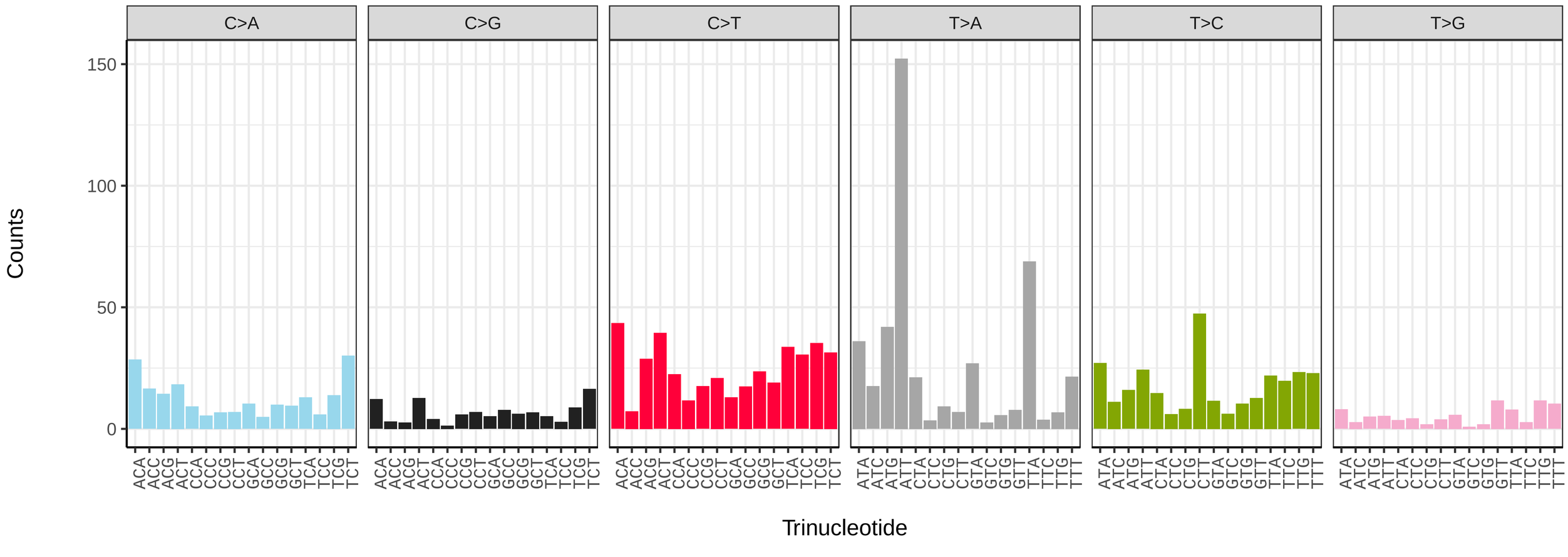


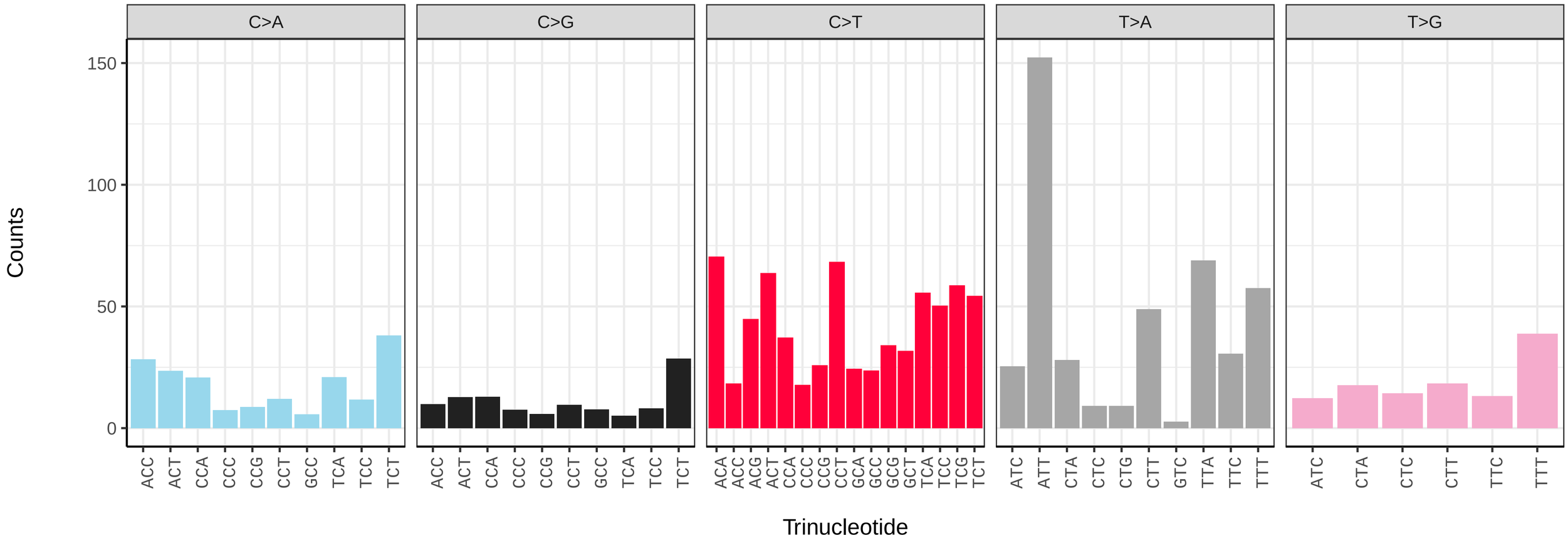
Zeuzera pyrina (ilZeuPyri1) germline mutational spectrum



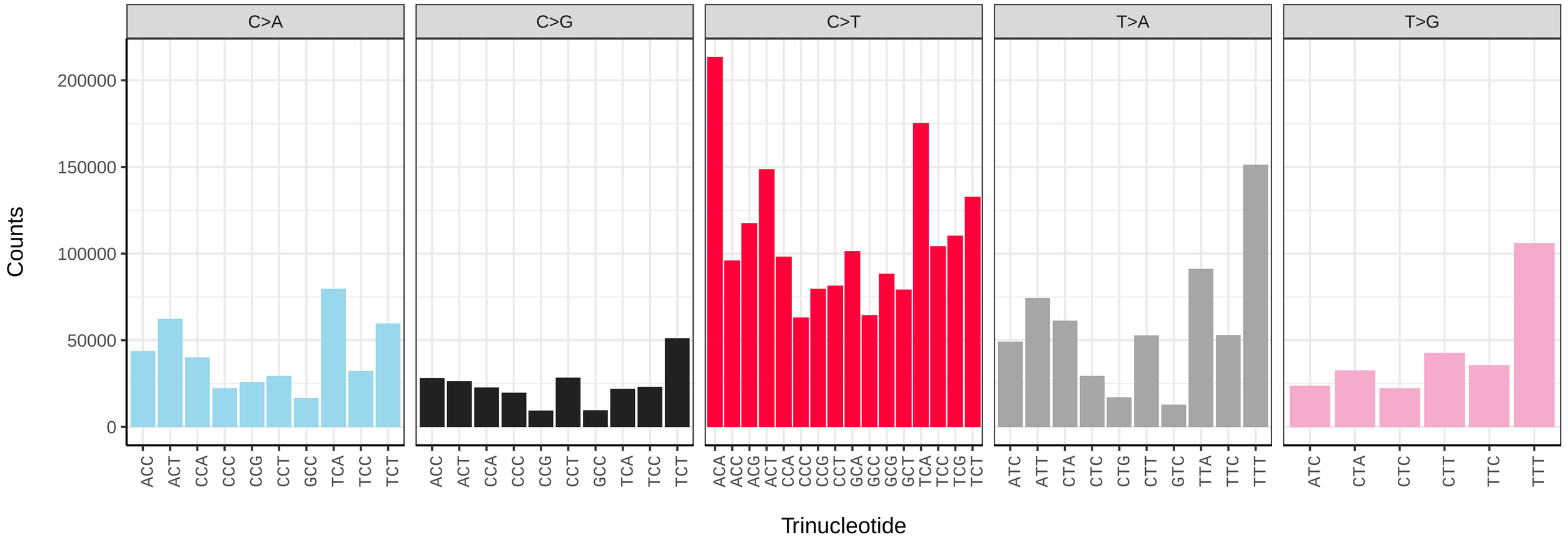
Zeuzera pyrina (ilZeuPyri1) somatic mutational spectrum (SBS96 classification)



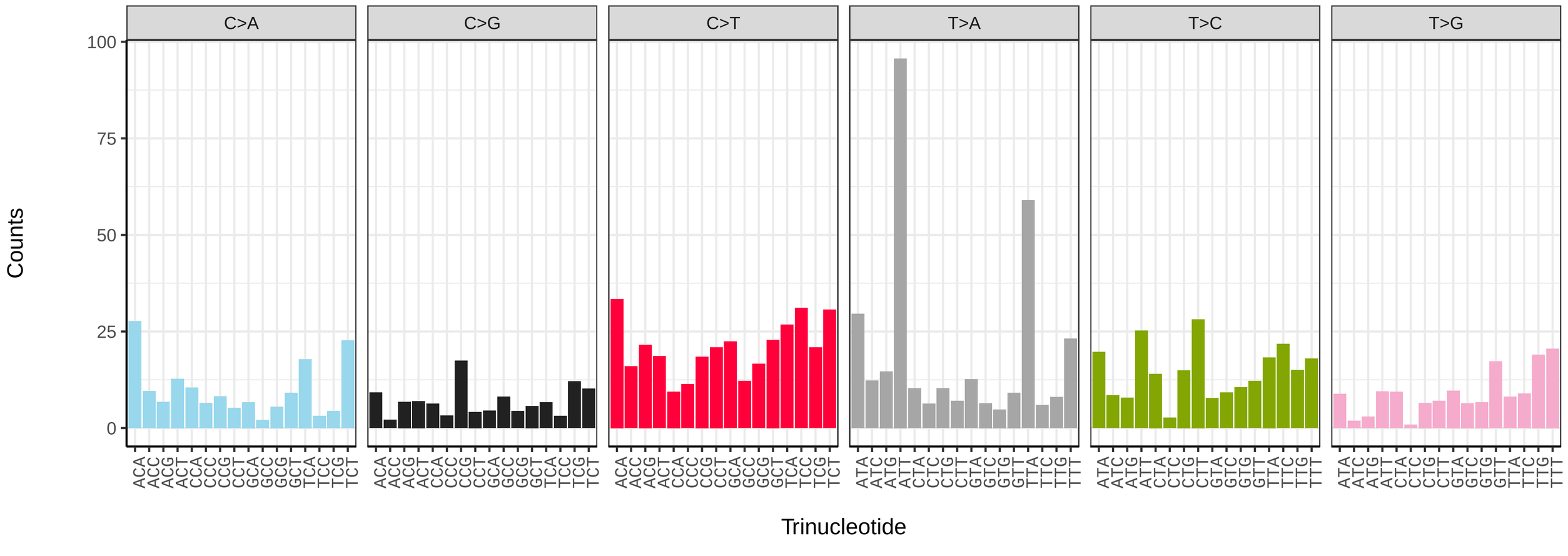
Zeuzera pyrina (ilZeuPyri1) somatic mutational spectrum (SBS52 classification)



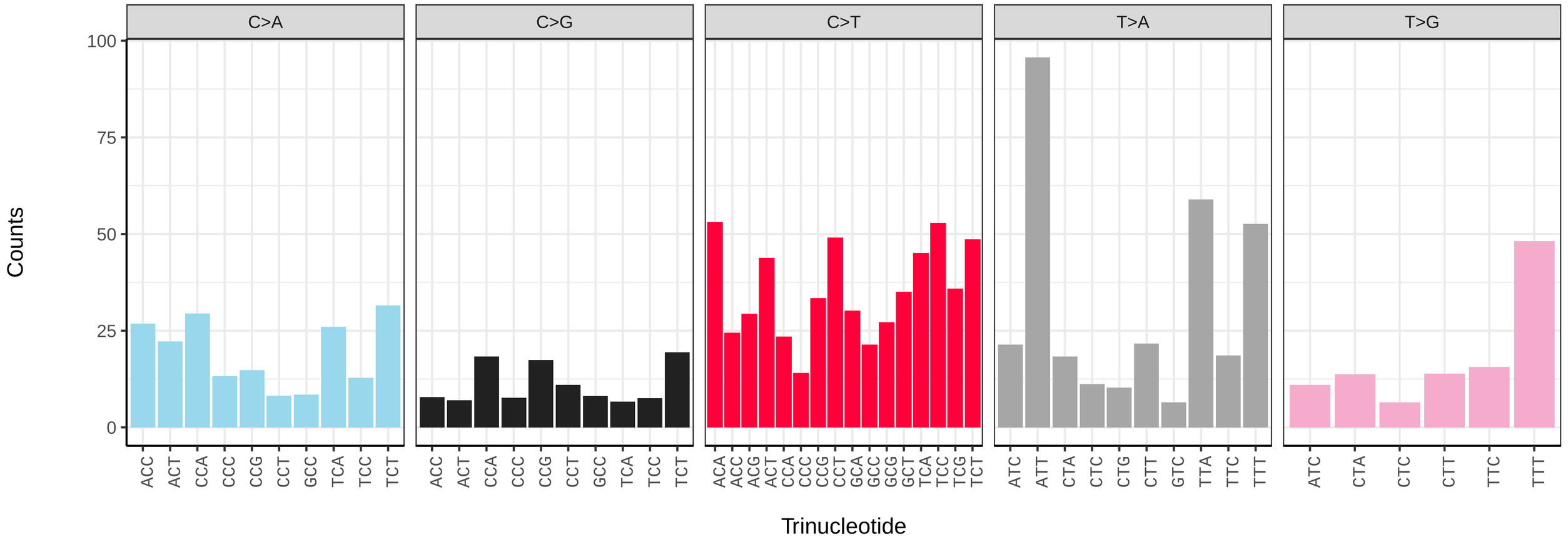
Zygaena filipendulae (ilZygFili1) germline mutational spectrum



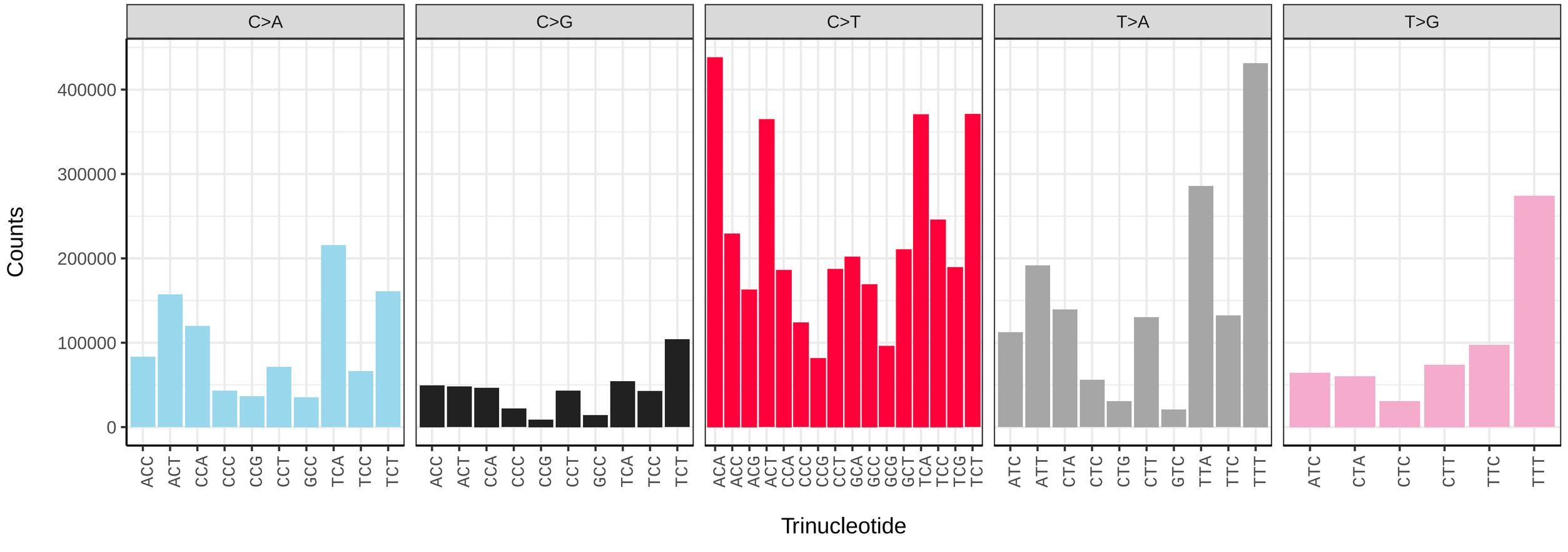
Zygaena filipendulae (ilZygFili1) somatic mutational spectrum (SBS96 classification)



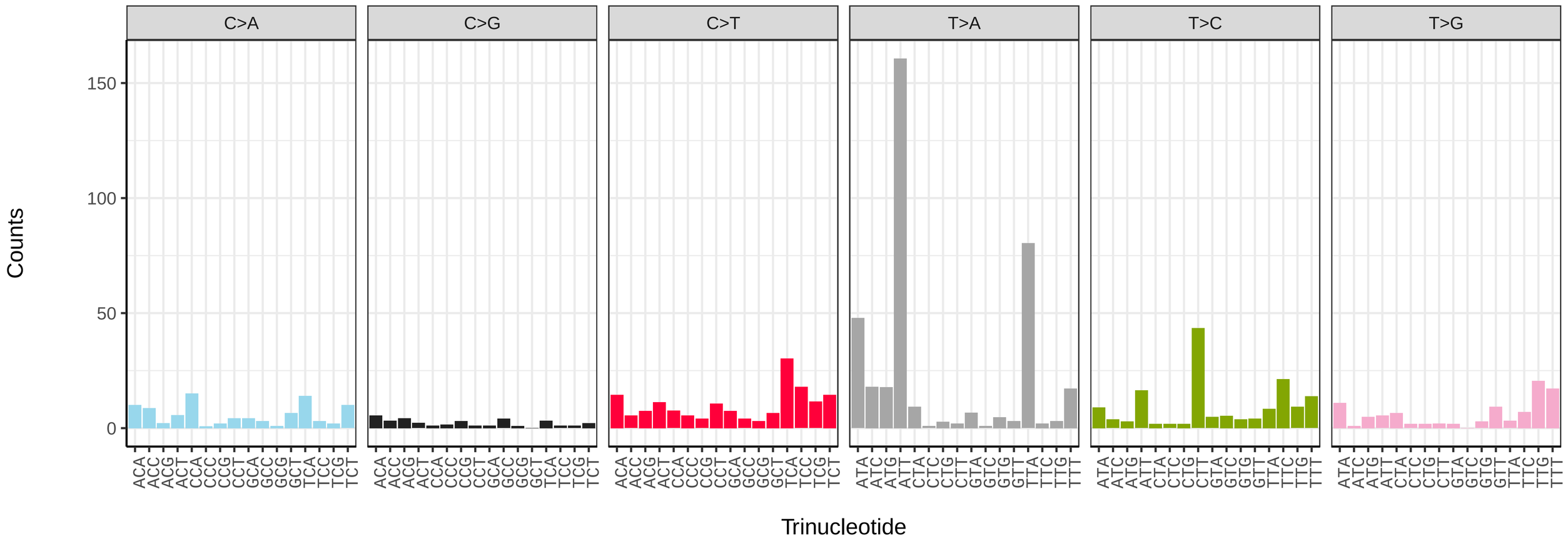
Zygaena filipendulae (ilZygFili1) somatic mutational spectrum (SBS52 classification)



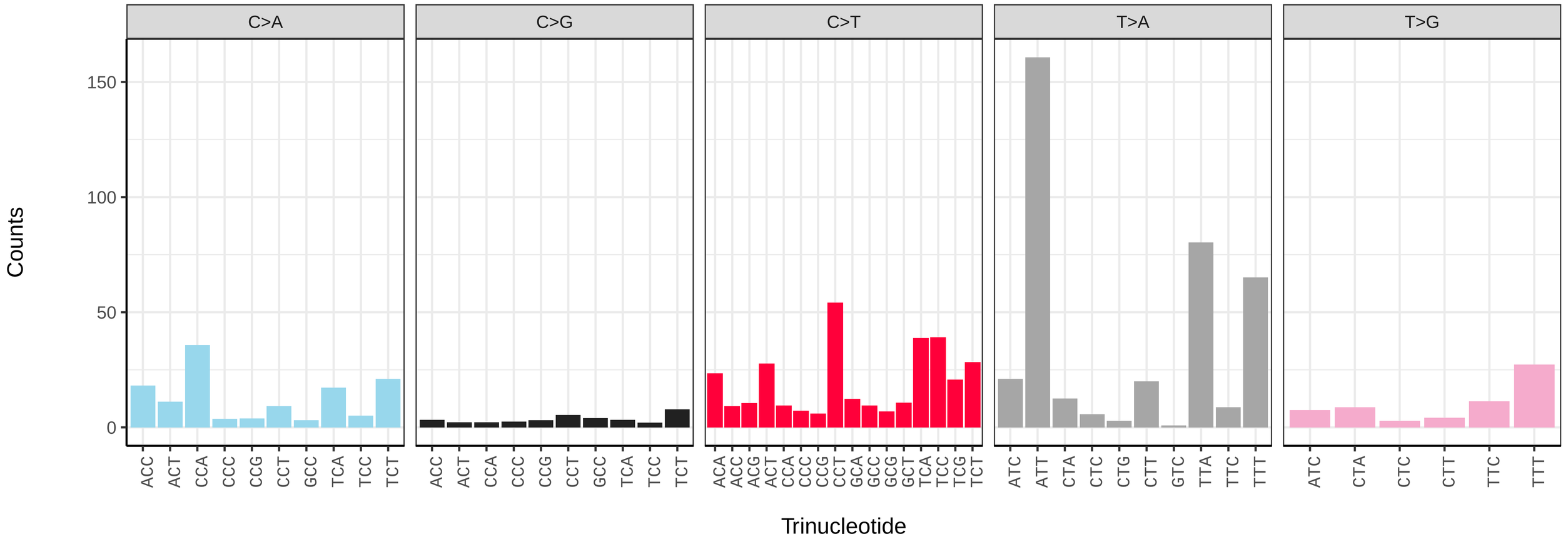
Chrysoperla carnea (inChrCarn1) germline mutational spectrum



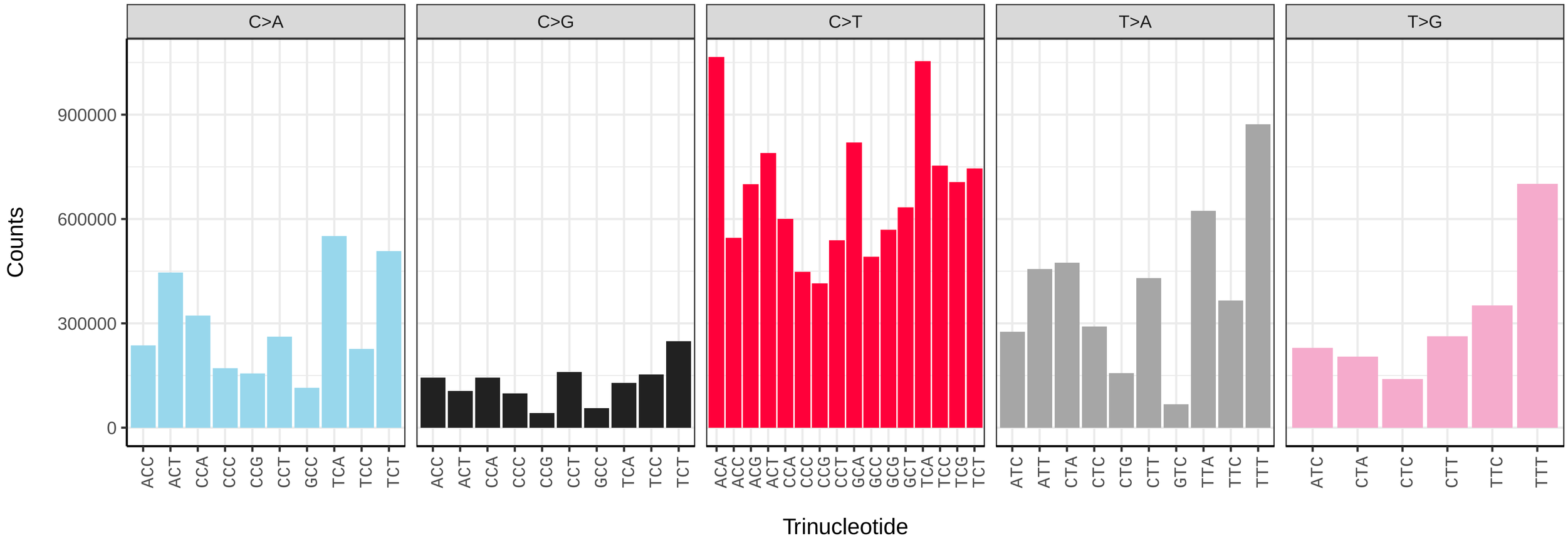
Chrysoperla carnea (inChrCarn1) somatic mutational spectrum (SBS96 classification)



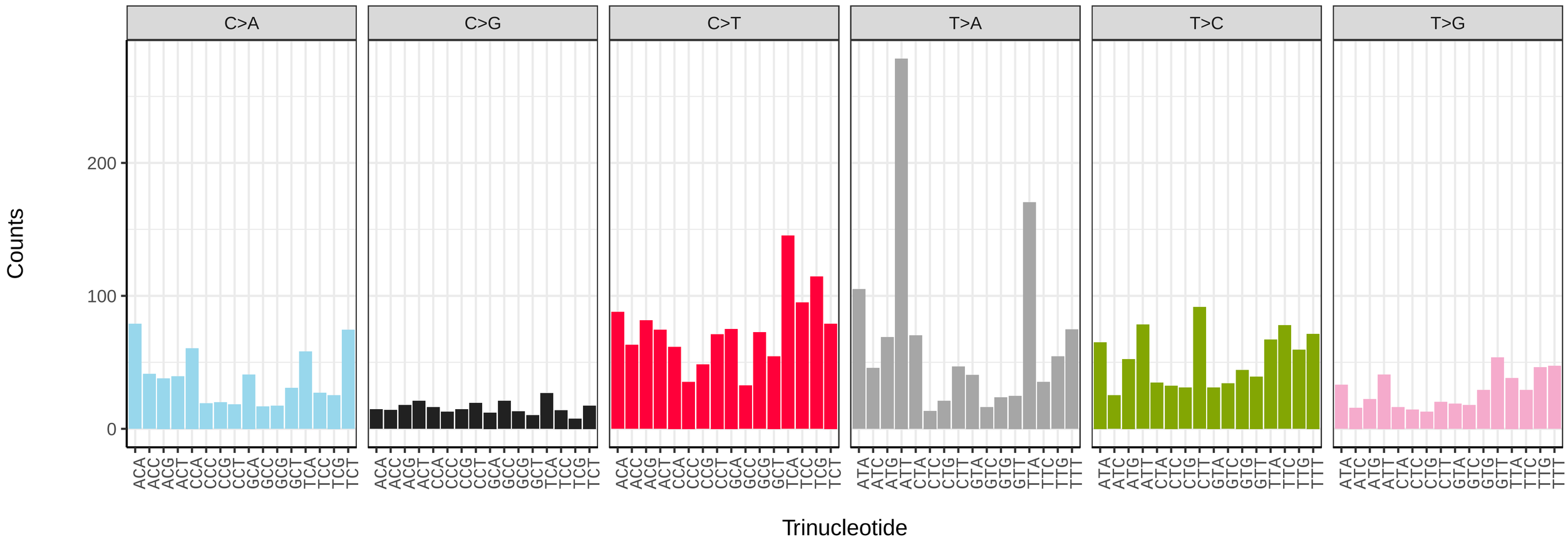
Chrysoperla carnea (inChrCarn1) somatic mutational spectrum (SBS52 classification)



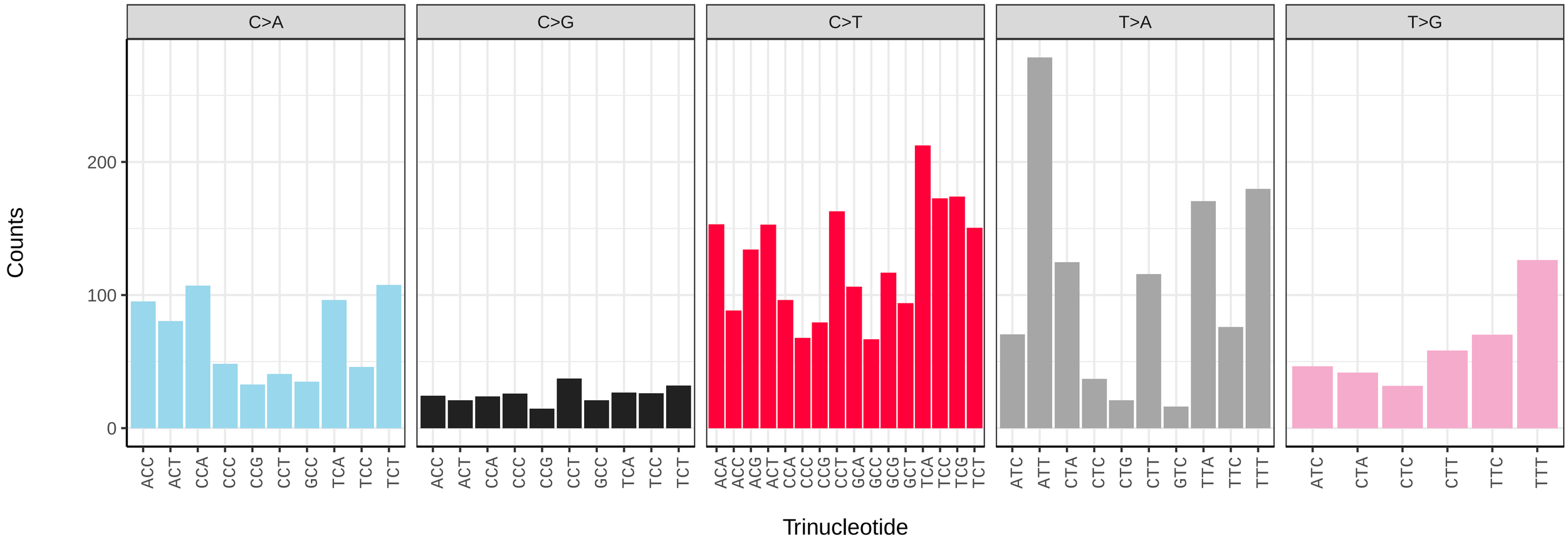
Ischnura elegans (ioIscEleg1) germline mutational spectrum



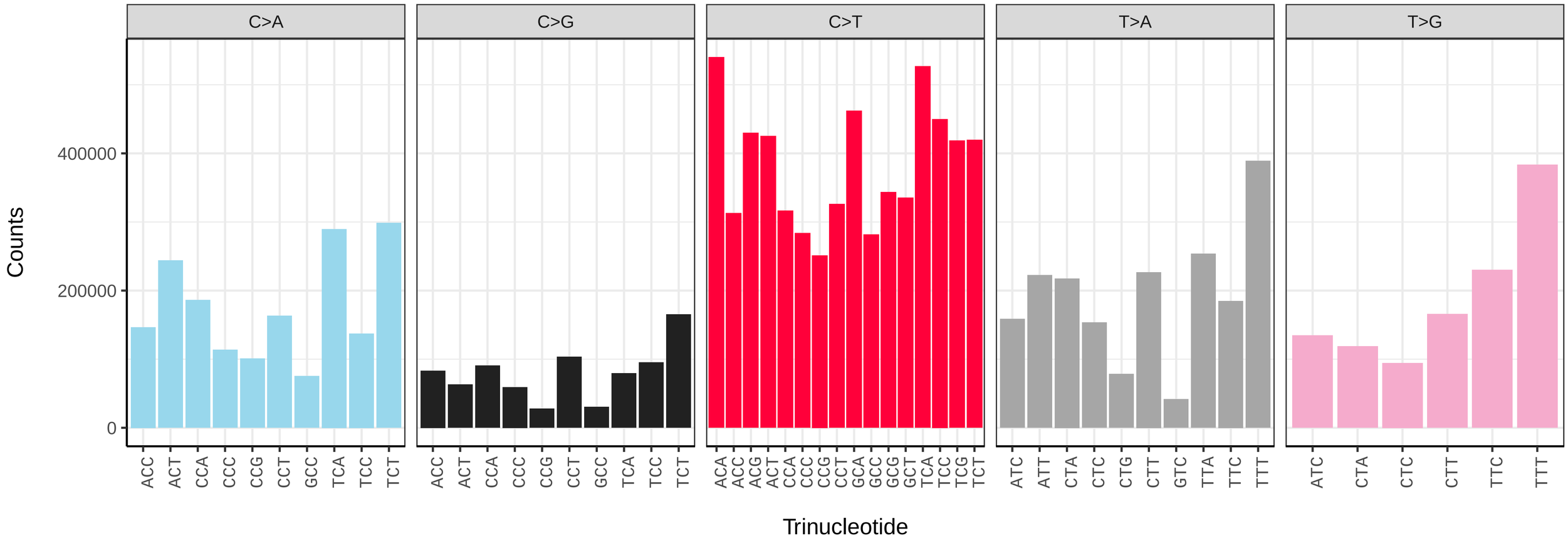
Ischnura elegans (ioIscEleg1) somatic mutational spectrum (SBS96 classification)



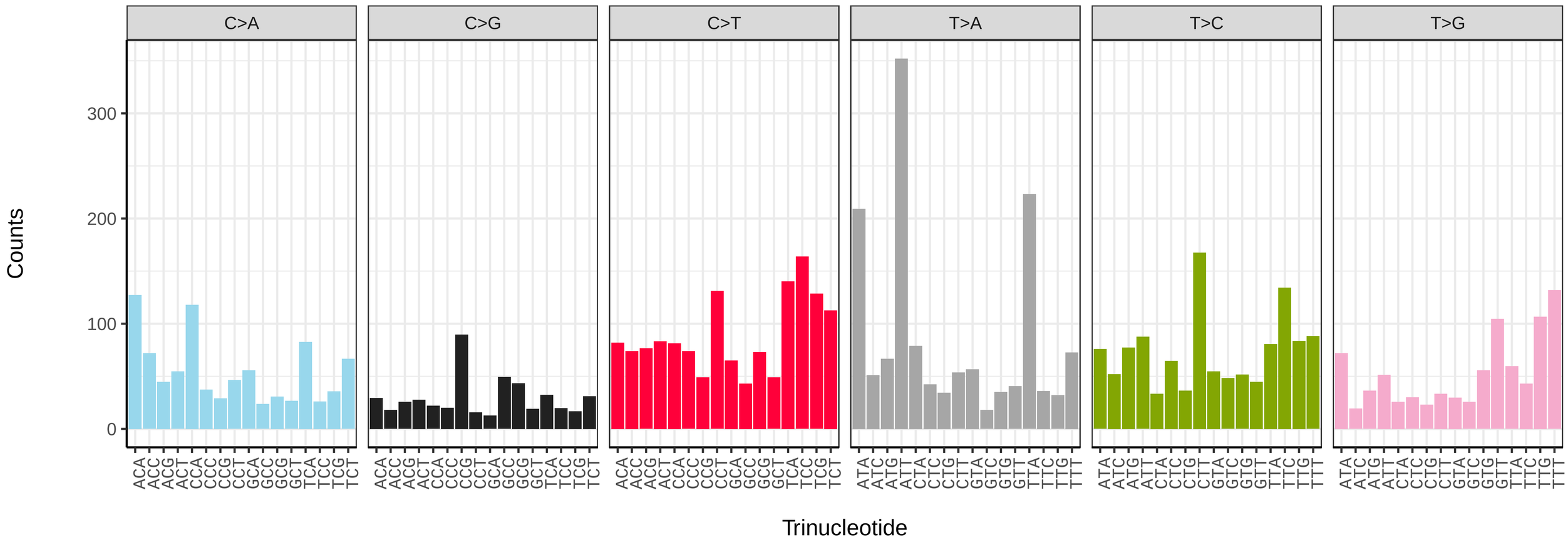
Ischnura elegans (ioIscEleg1) somatic mutational spectrum (SBS52 classification)



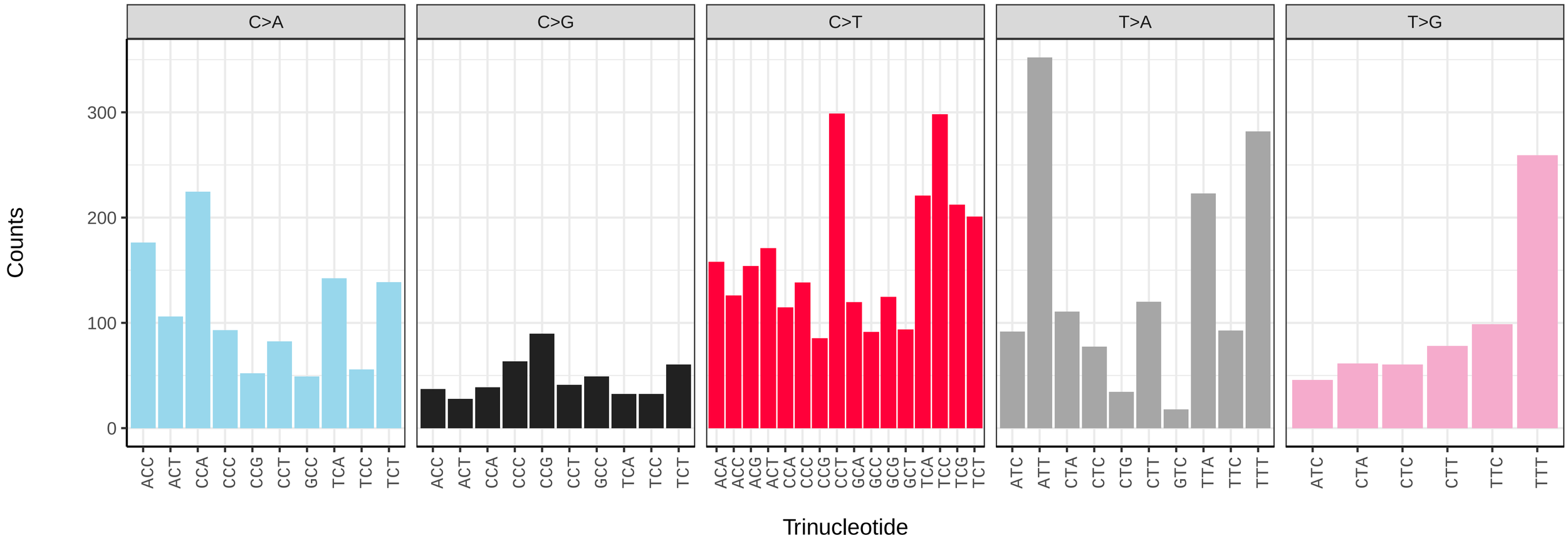
Platycnemis pennipes (ioPlaPenn1) germline mutational spectrum



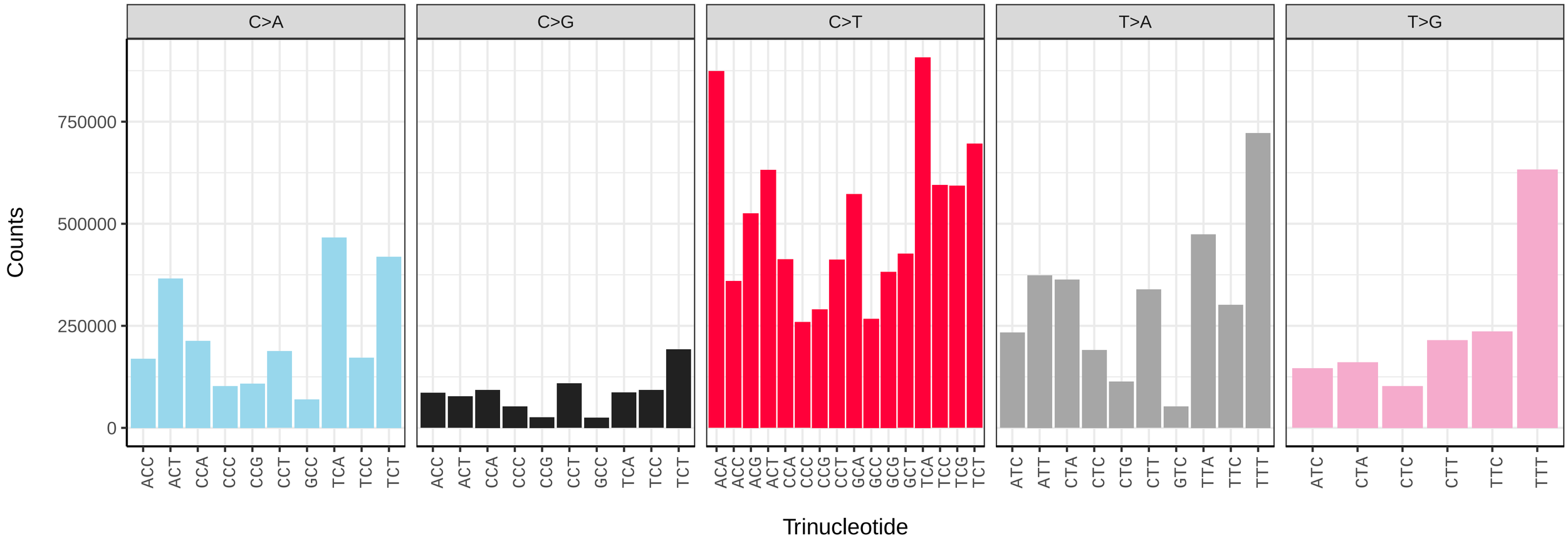
Platycnemis pennipes (ioPlaPenn1) somatic mutational spectrum (SBS96 classification)



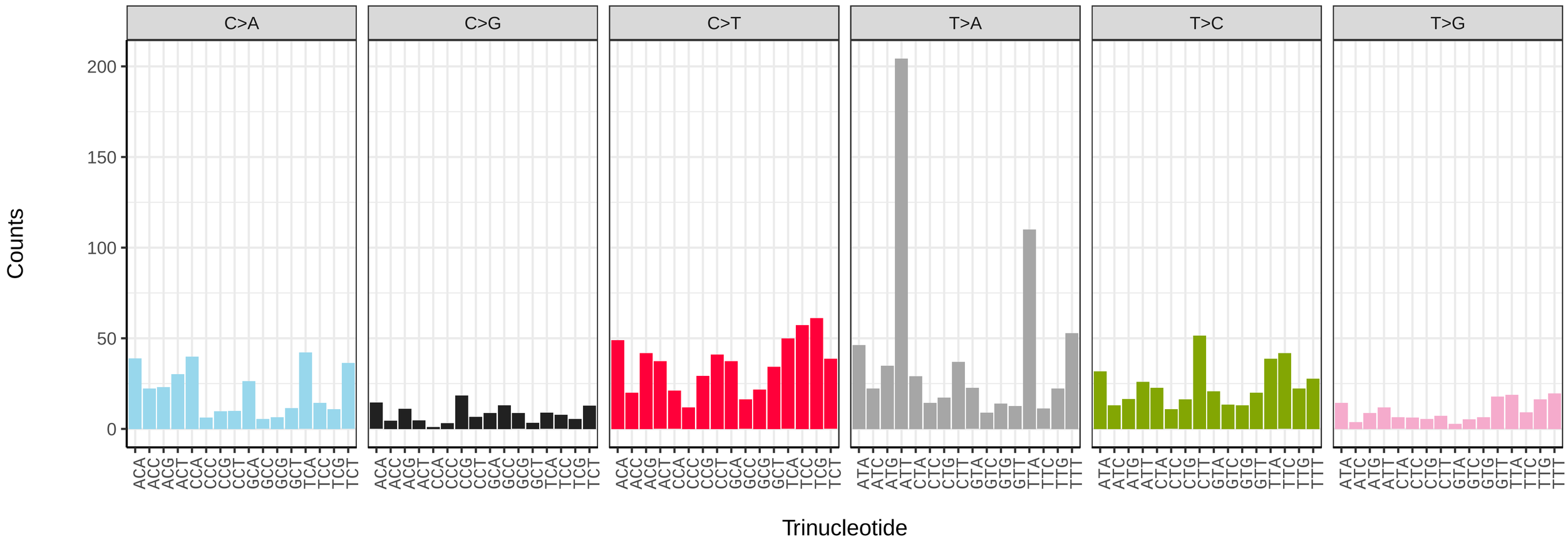
Platycnemis pennipes (ioPlaPenn1) somatic mutational spectrum (SBS52 classification)



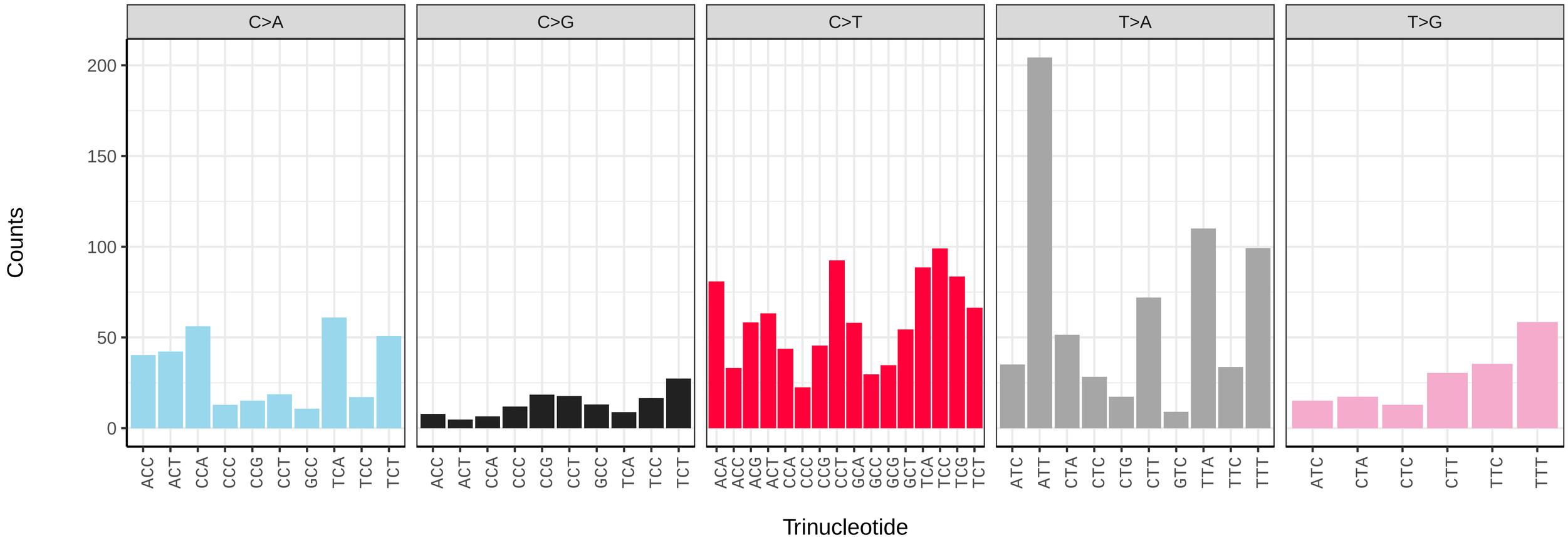
Sympetrum striolatum (ioSymStri1) germline mutational spectrum



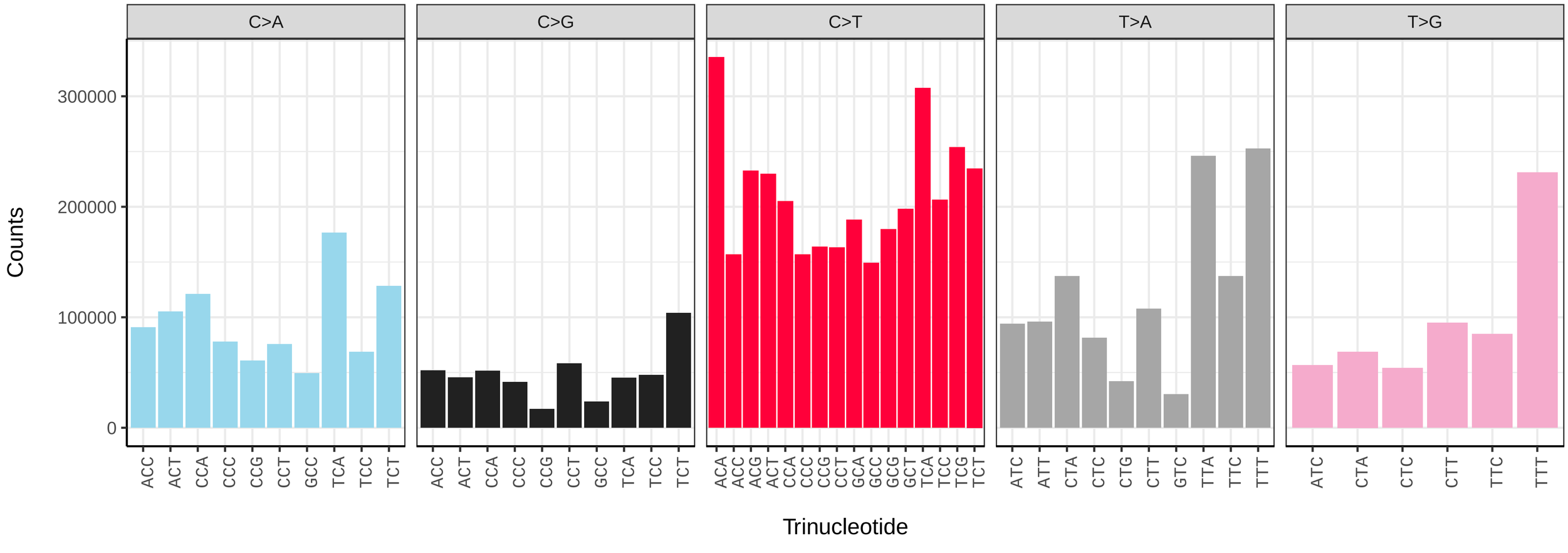
Sympetrum striolatum (ioSymStri1) somatic mutational spectrum (SBS96 classification)



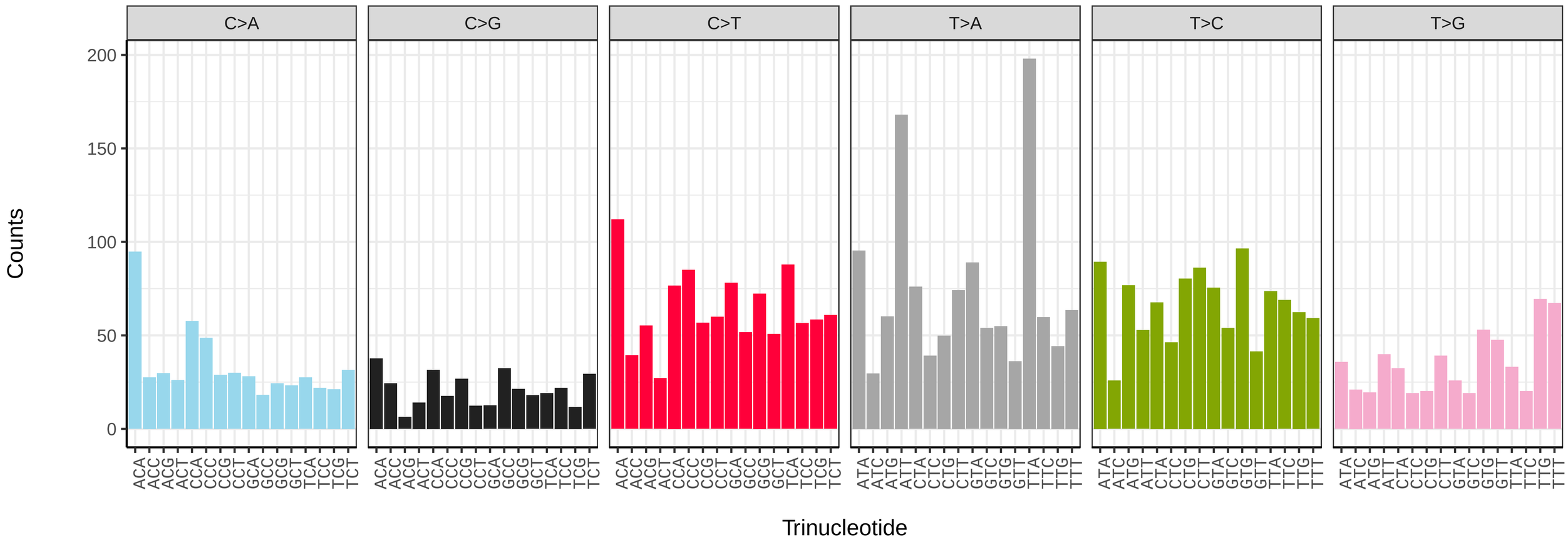
Sympetrum striolatum (ioSymStri1) somatic mutational spectrum (SBS52 classification)



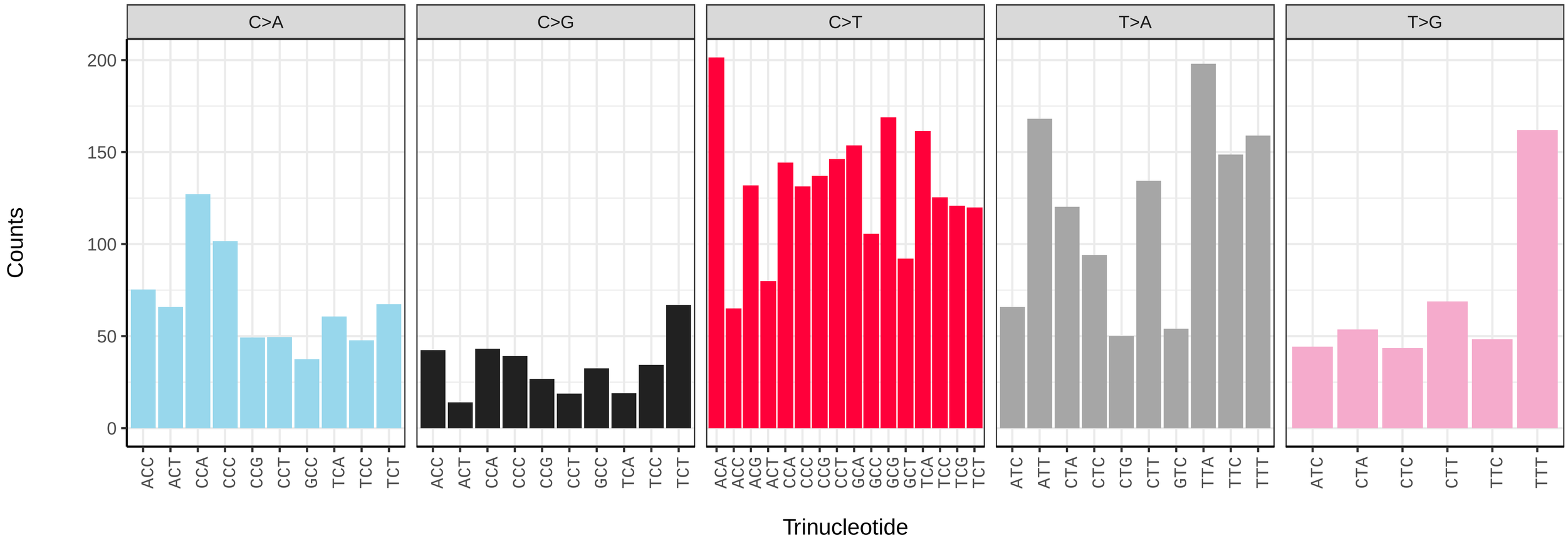
Isoperla grammatica (ipIsoGram3) germline mutational spectrum



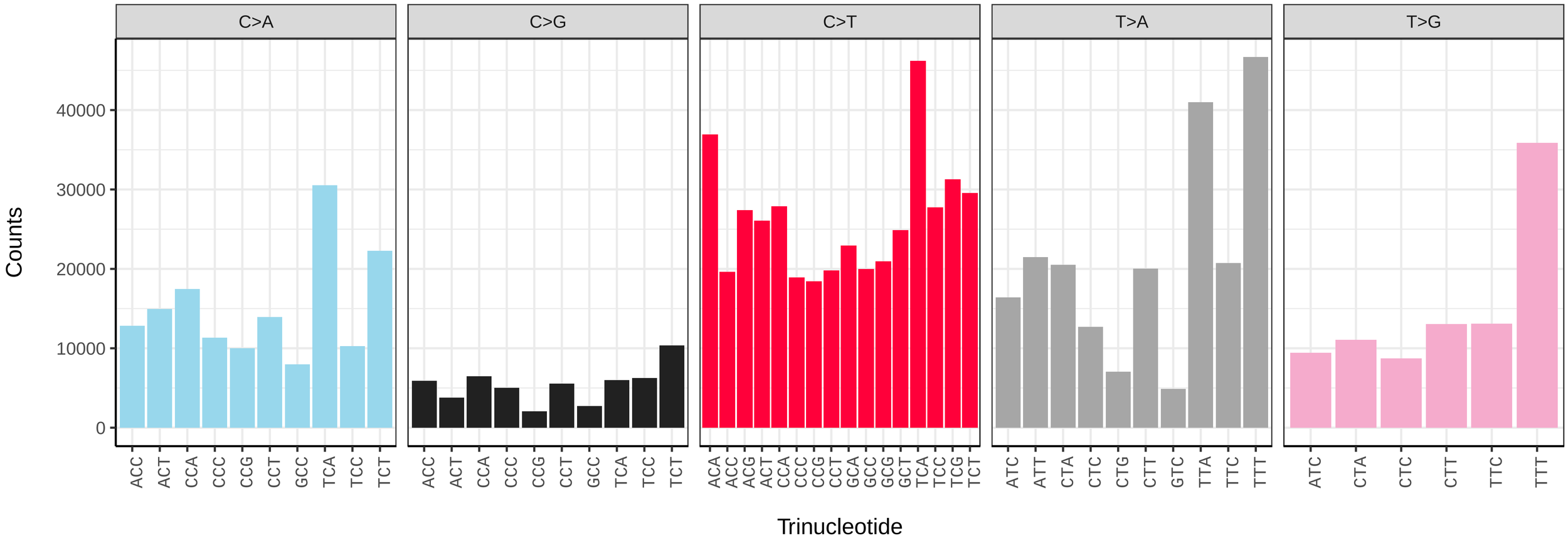
Isoperla grammatica (ipIsoGram3) somatic mutational spectrum (SBS96 classification)



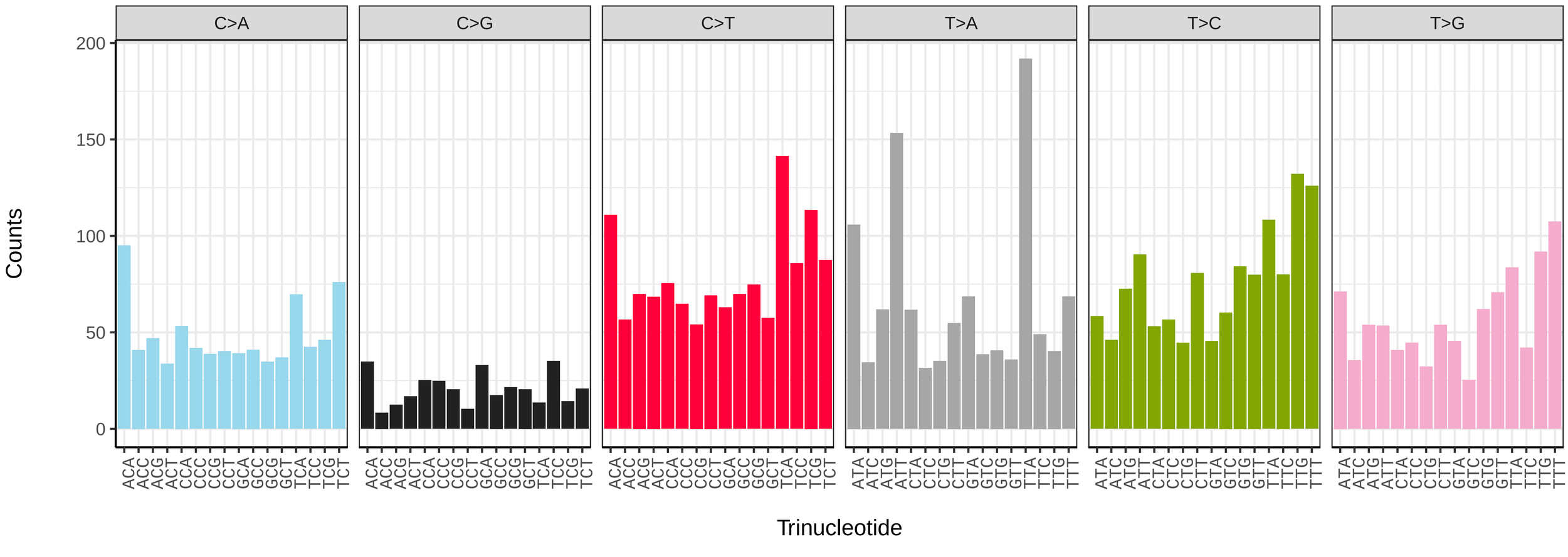
Isoperla grammatica (ipIsoGram3) somatic mutational spectrum (SBS52 classification)



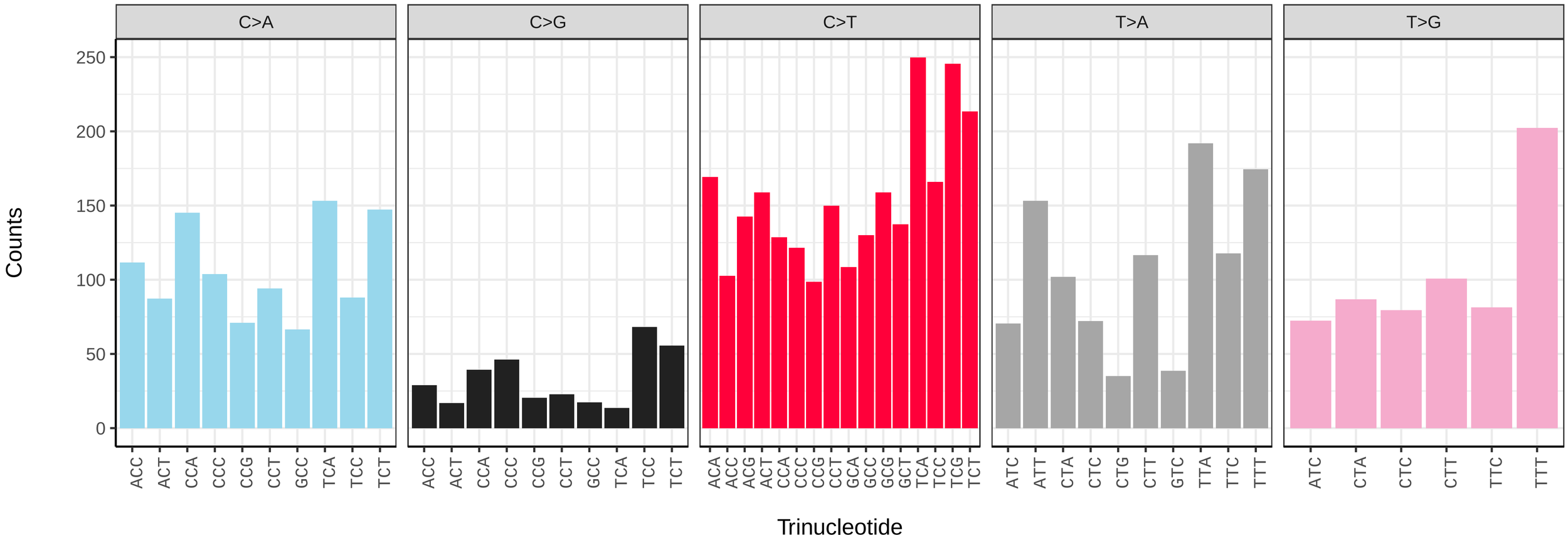
Leuctra nigra (ipLeuNigr2) germline mutational spectrum



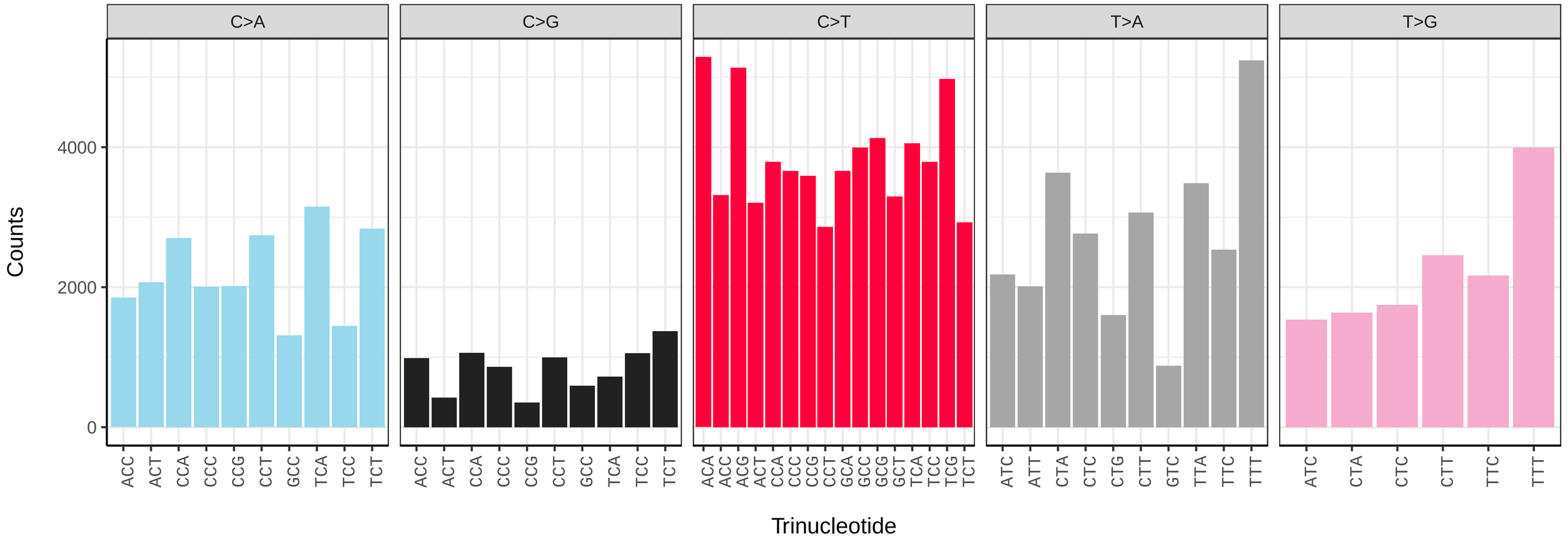
Leuctra nigra (ipLeuNigr2) somatic mutational spectrum (SBS96 classification)



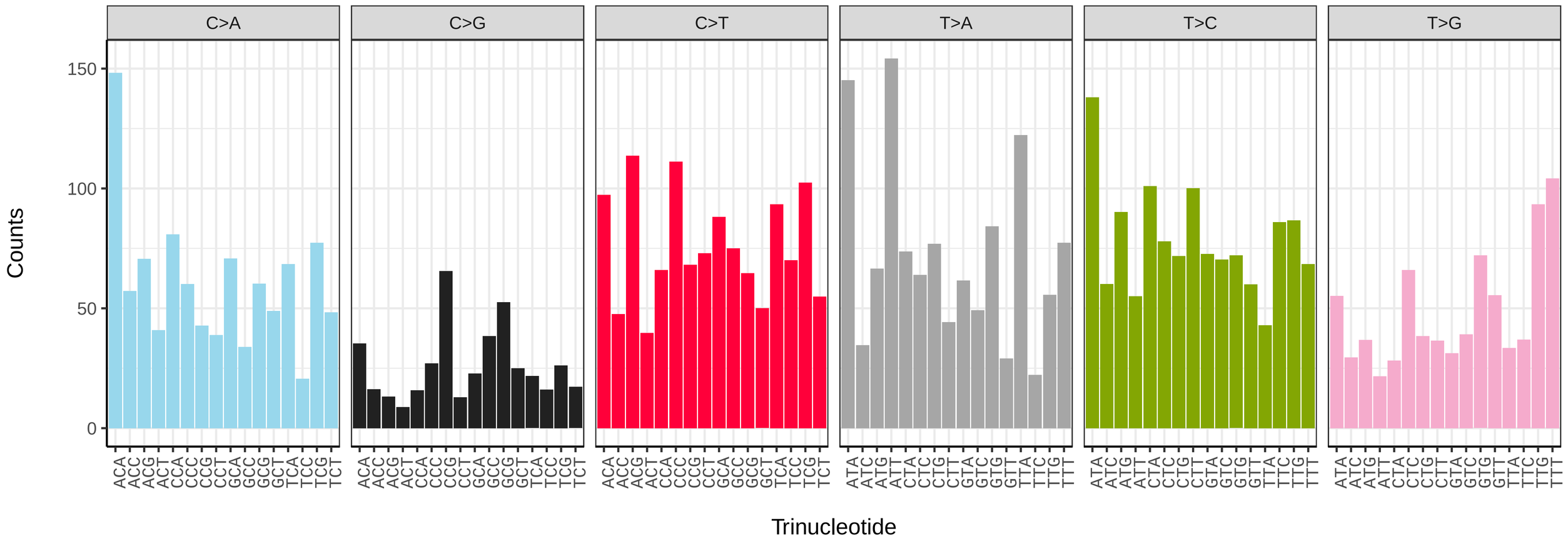
Leuctra nigra (ipLeuNigr2) somatic mutational spectrum (SBS52 classification)



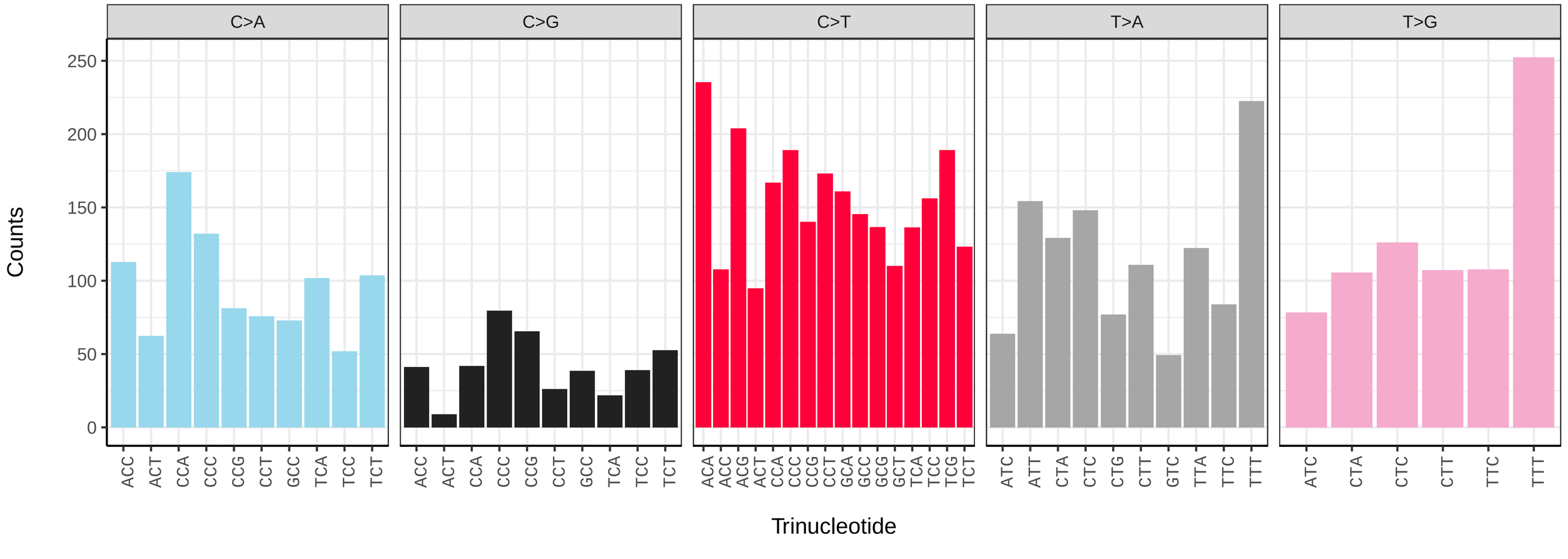
Nemoura dubitans (ipNemDubi1) germline mutational spectrum



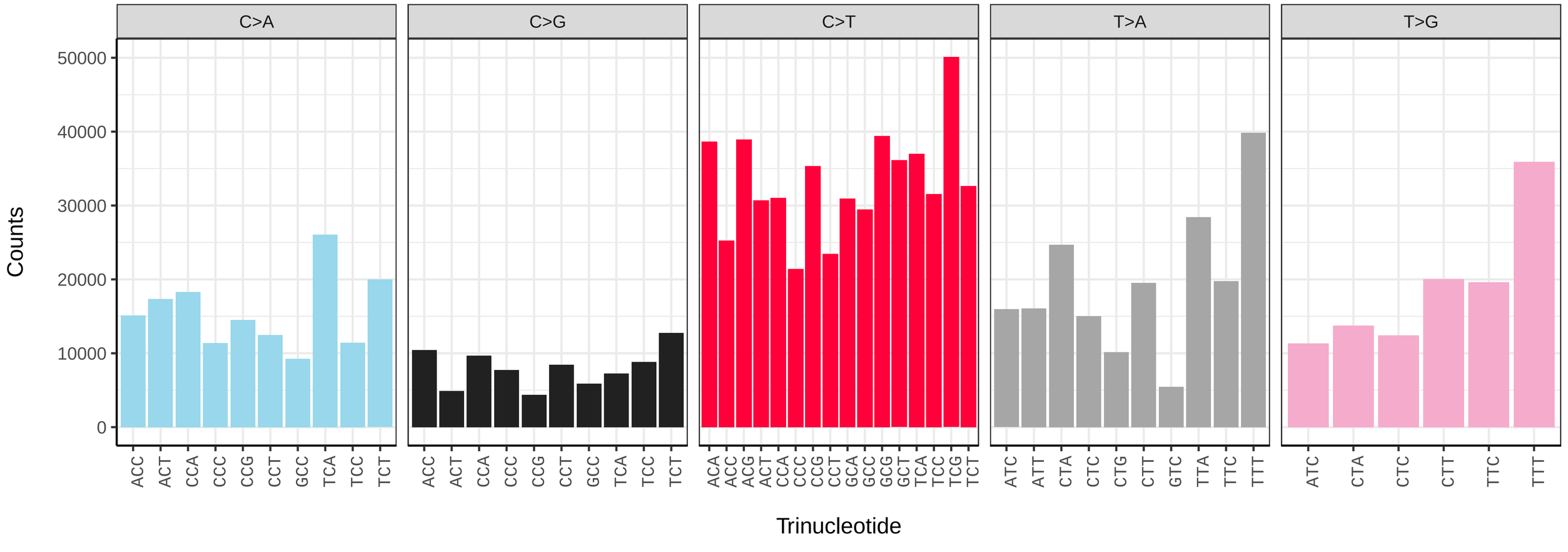
Nemoura dubitans (ipNemDubi1) somatic mutational spectrum (SBS96 classification)



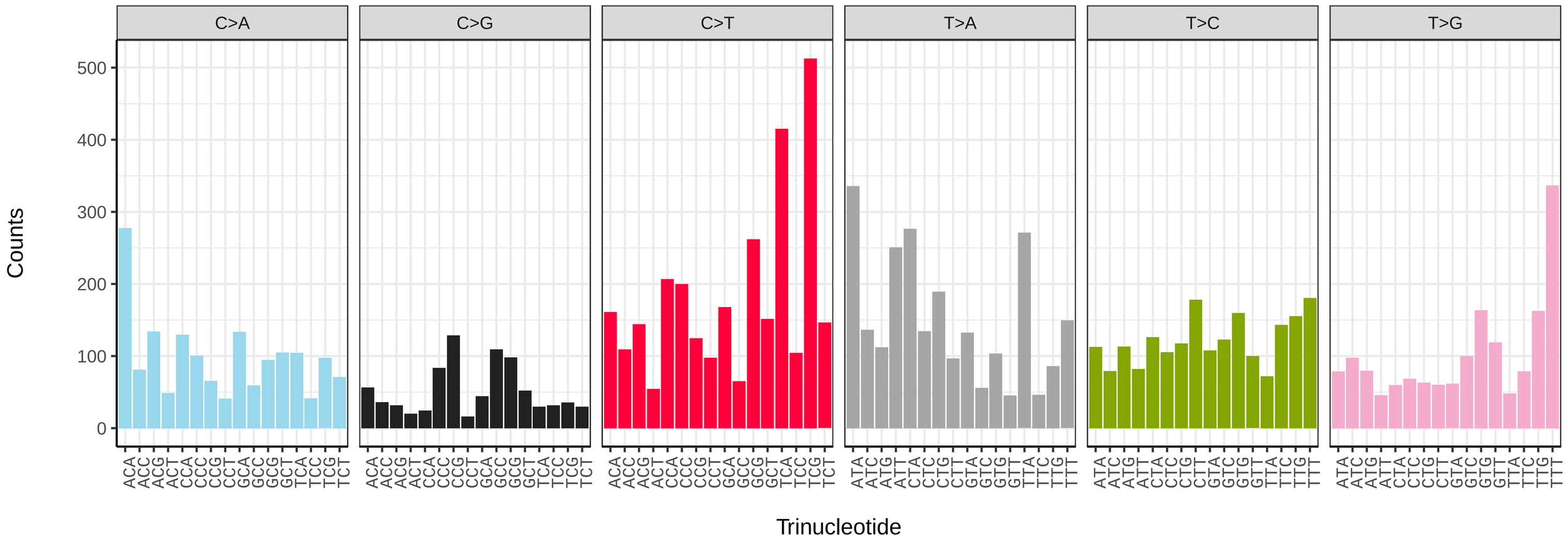
Nemoura dubitans (ipNemDubi1) somatic mutational spectrum (SBS52 classification)



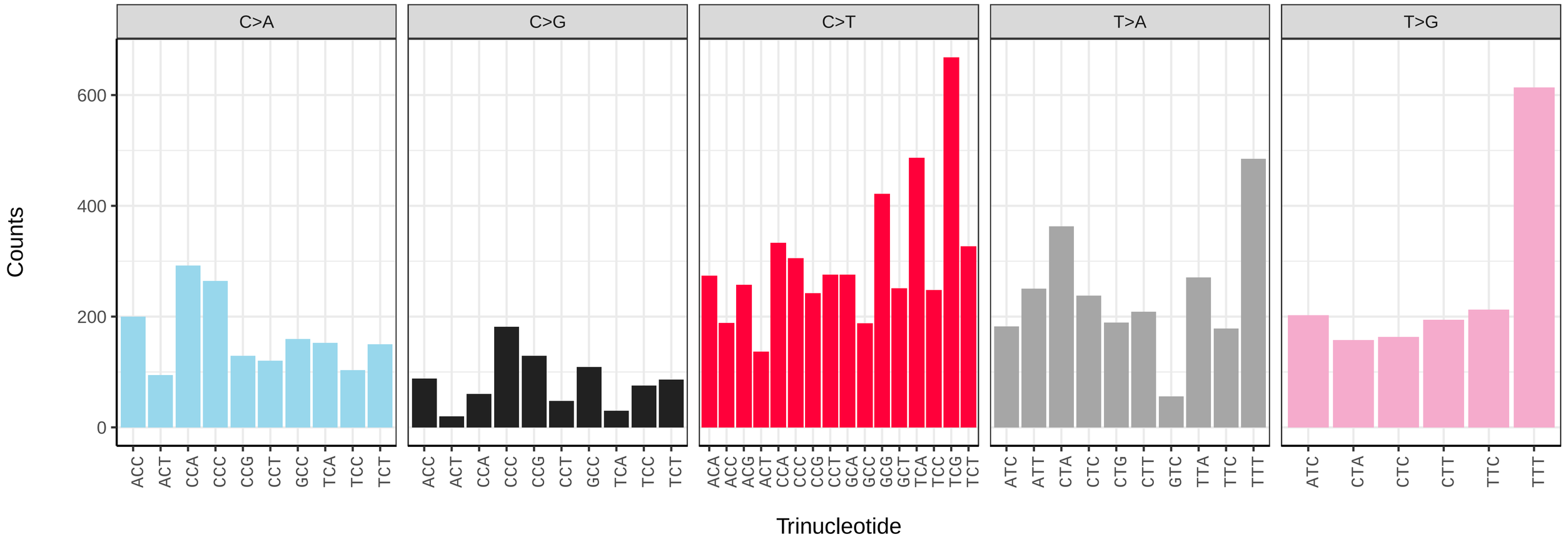
Nemurella pictetii (ipNemPict2) germline mutational spectrum



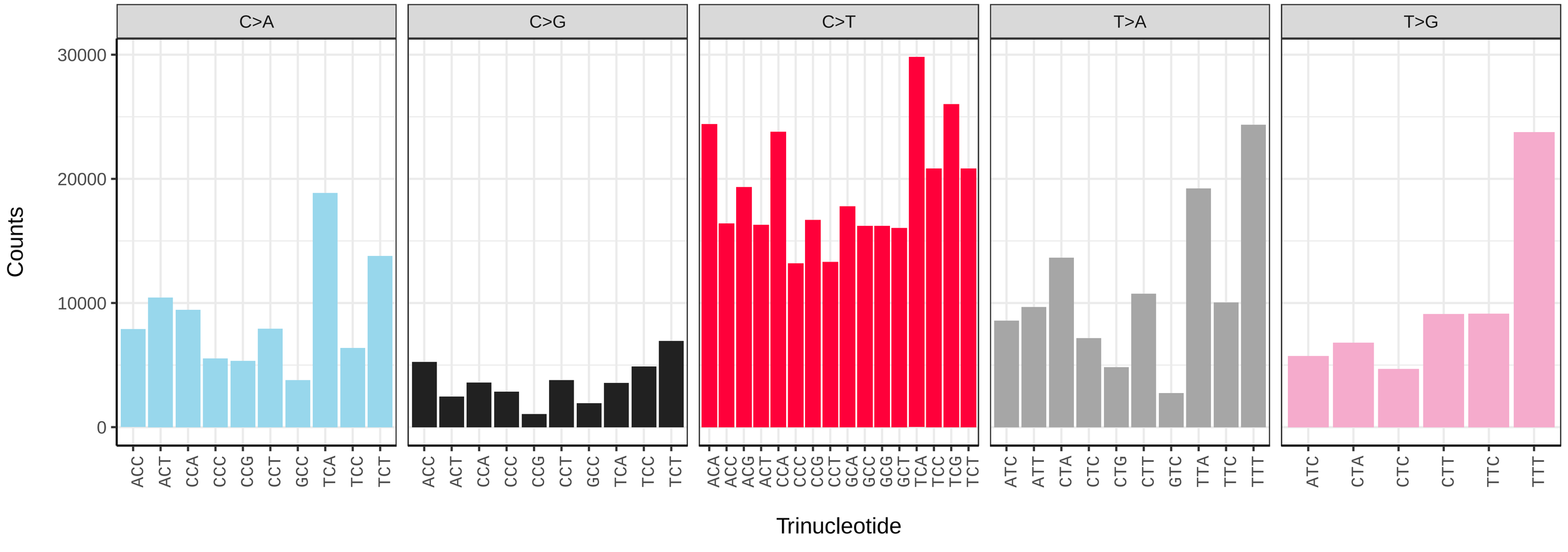
Nemurella pictetii (ipNemPict2) somatic mutational spectrum (SBS96 classification)



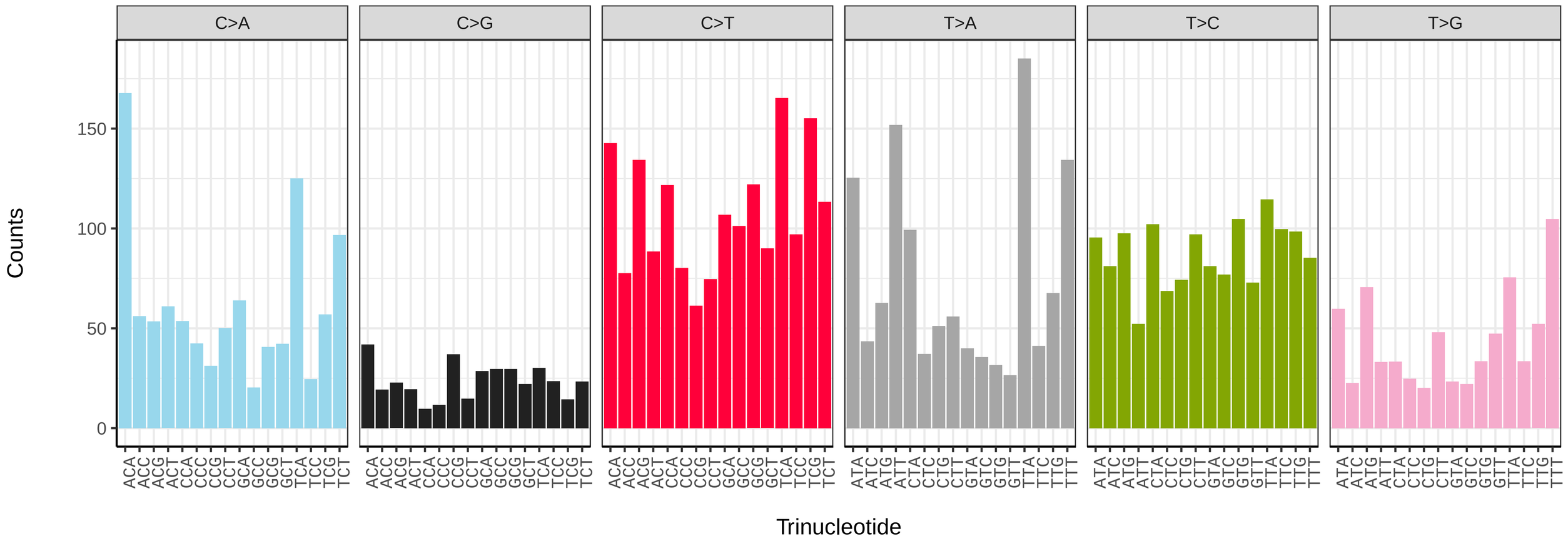
Nemurella pictetii (ipNemPict2) somatic mutational spectrum (SBS52 classification)



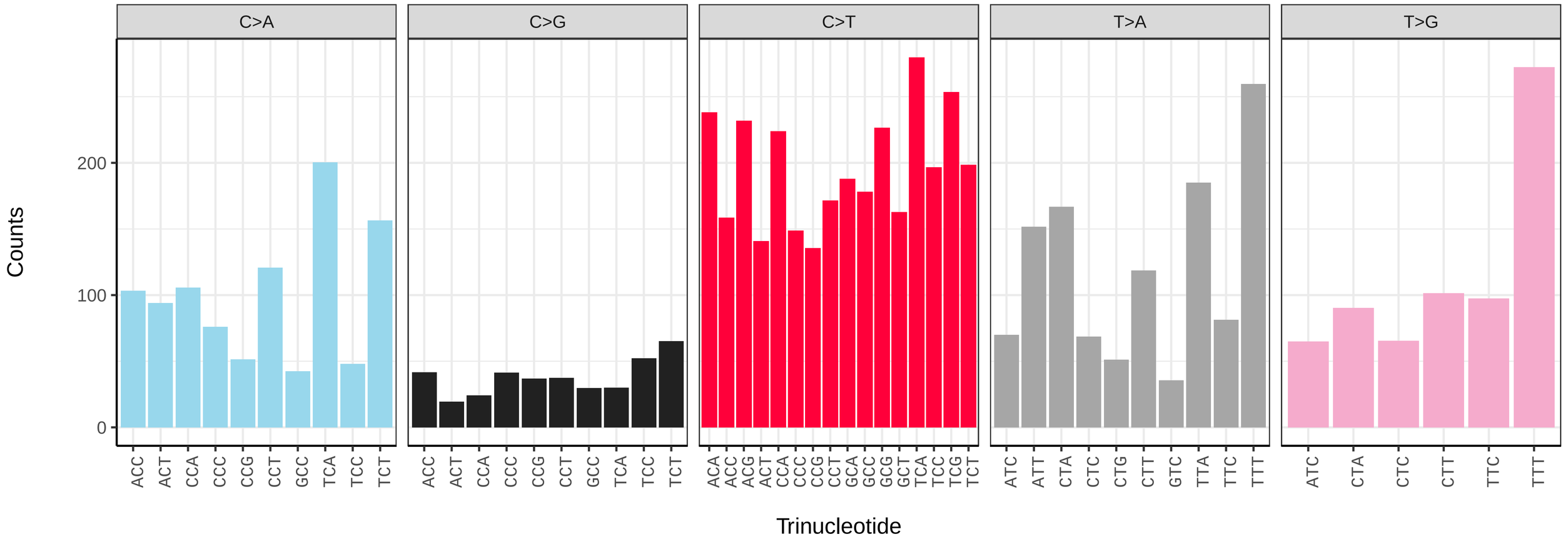
Protonemura montana (ipProMont4) germline mutational spectrum



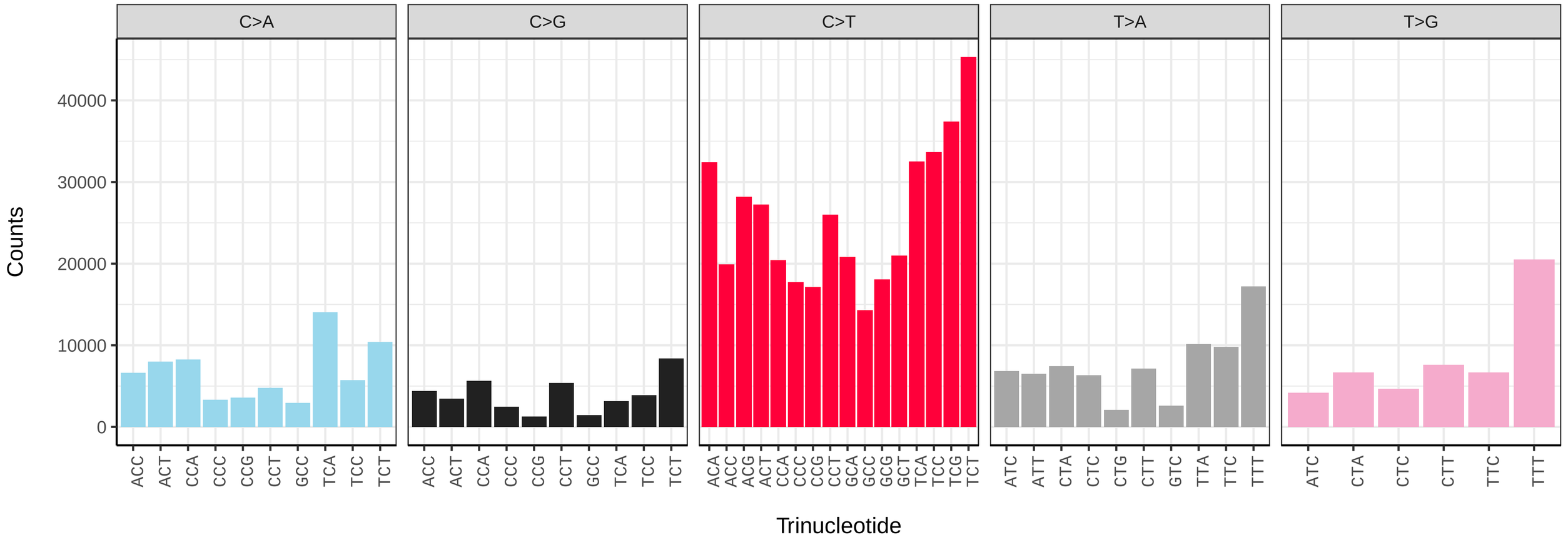
Protonemura montana (ipProMont4) somatic mutational spectrum (SBS96 classification)



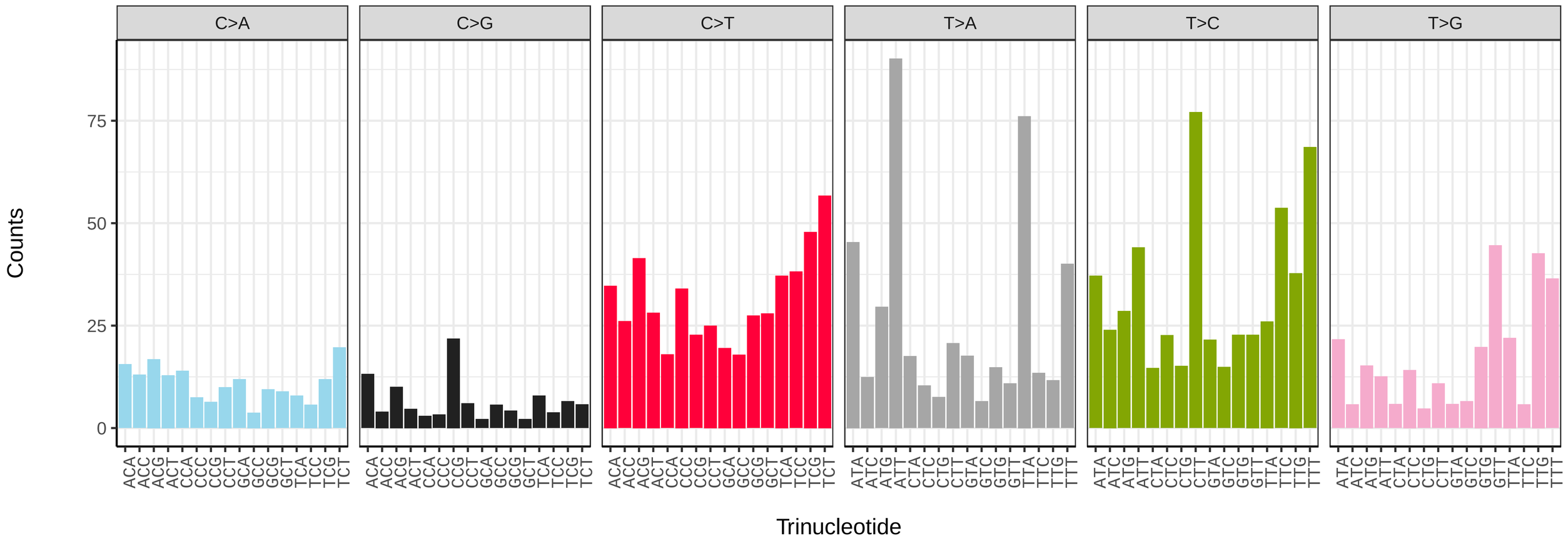
Protonemura montana (ipProMont4) somatic mutational spectrum (SBS52 classification)



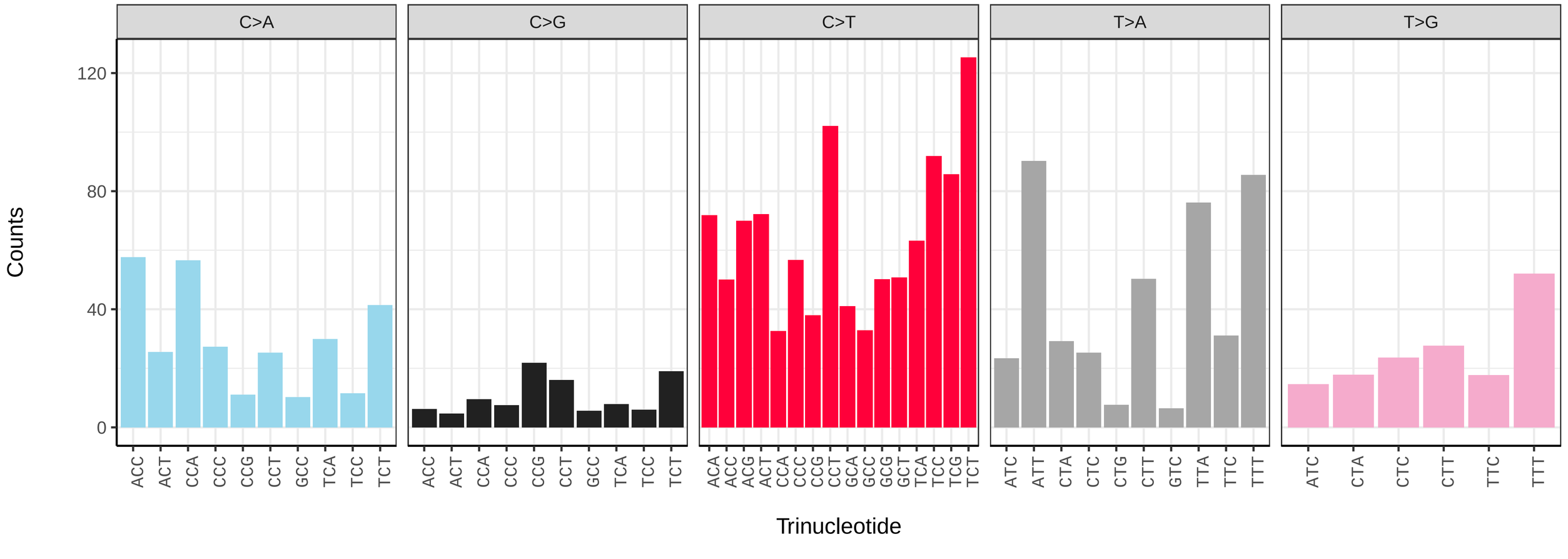
Ancistrocerus nigricornis (iyAncNigr1) germline mutational spectrum



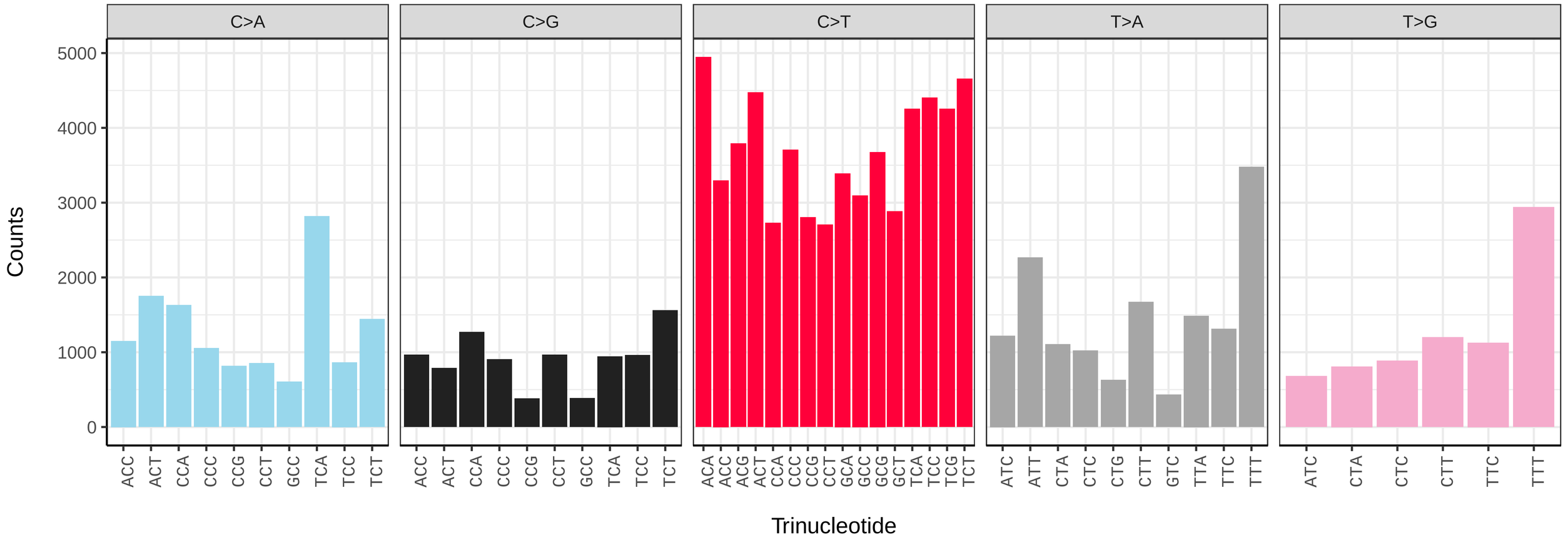
Ancistrocerus nigricornis (iyAncNigr1) somatic mutational spectrum (SBS96 classification)



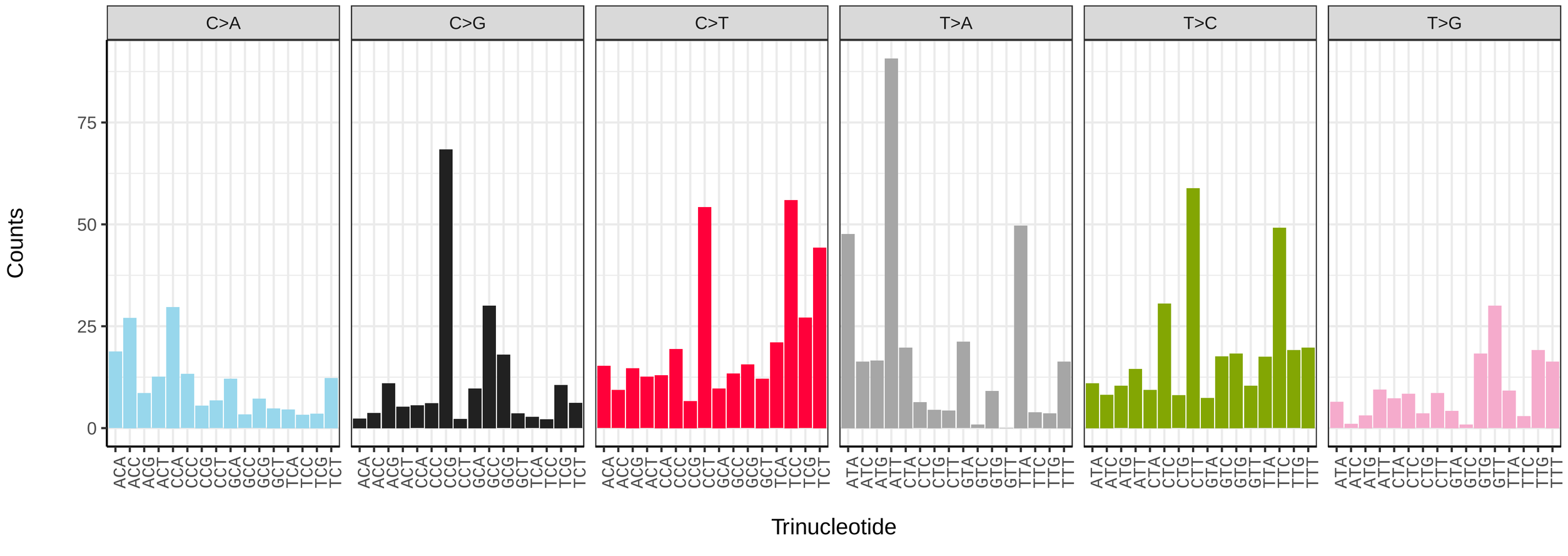
Ancistrocerus nigricornis (iyAncNigr1) somatic mutational spectrum (SBS52 classification)



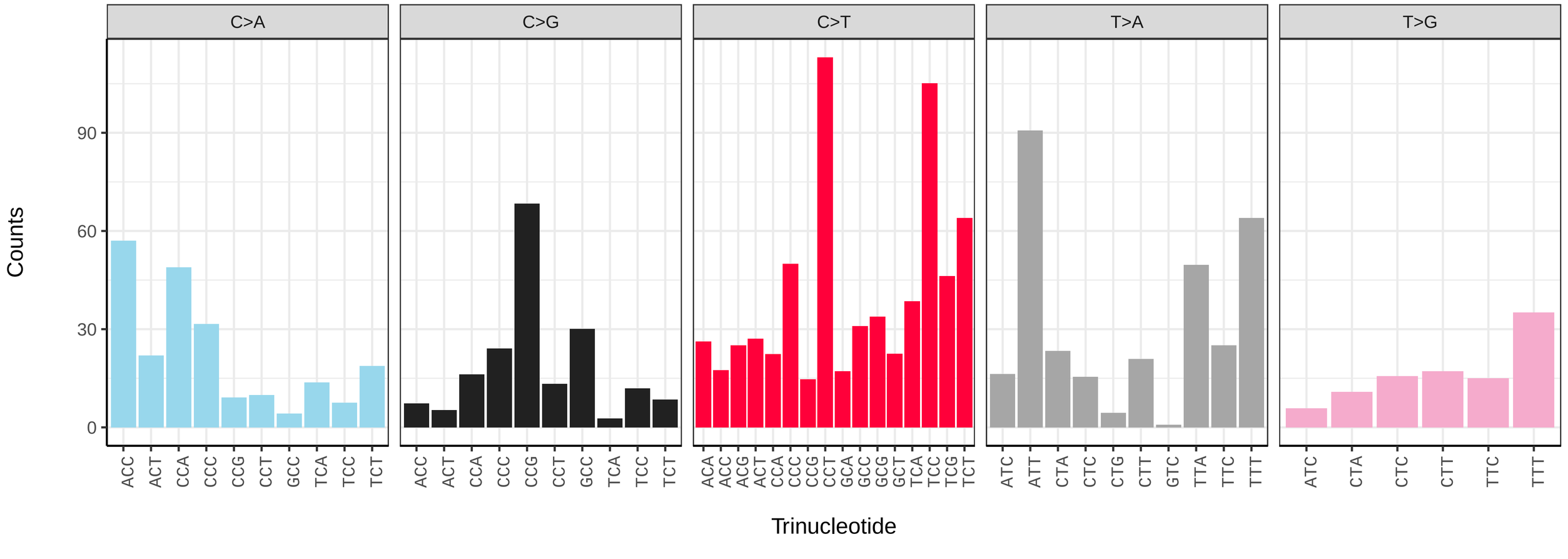
Andrena bucephala (iyAndBuce1) germline mutational spectrum



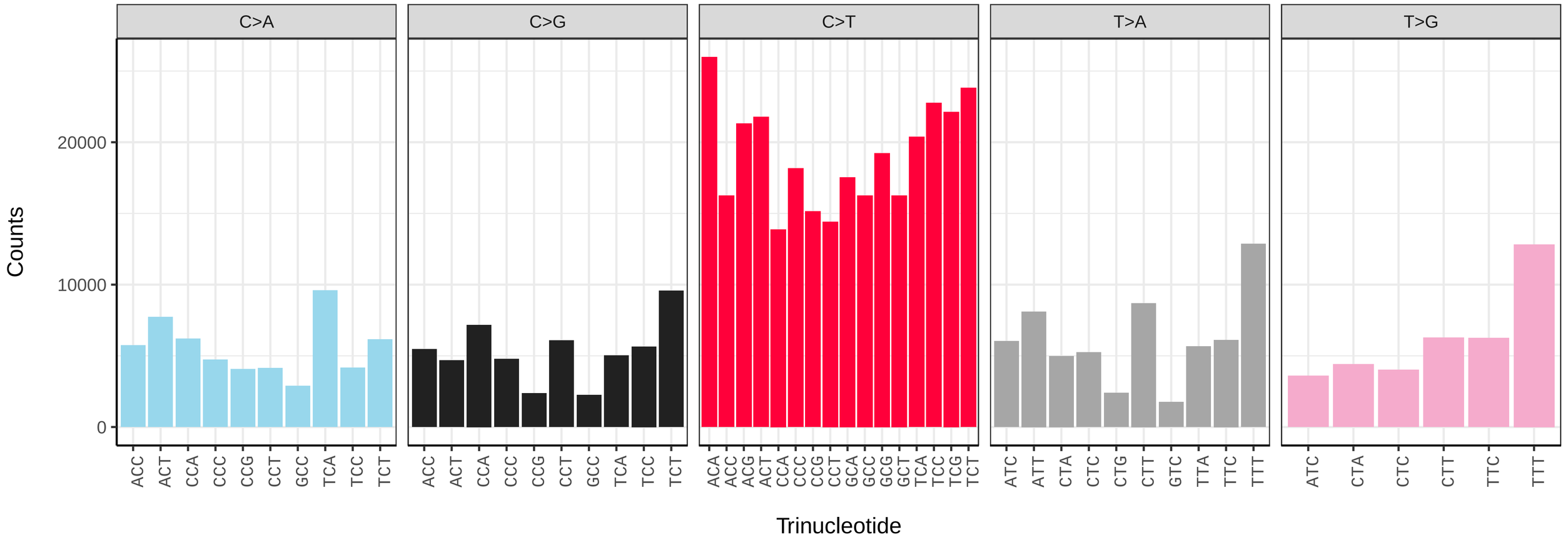
Andrena bucephala (iyAndBuce1) somatic mutational spectrum (SBS96 classification)



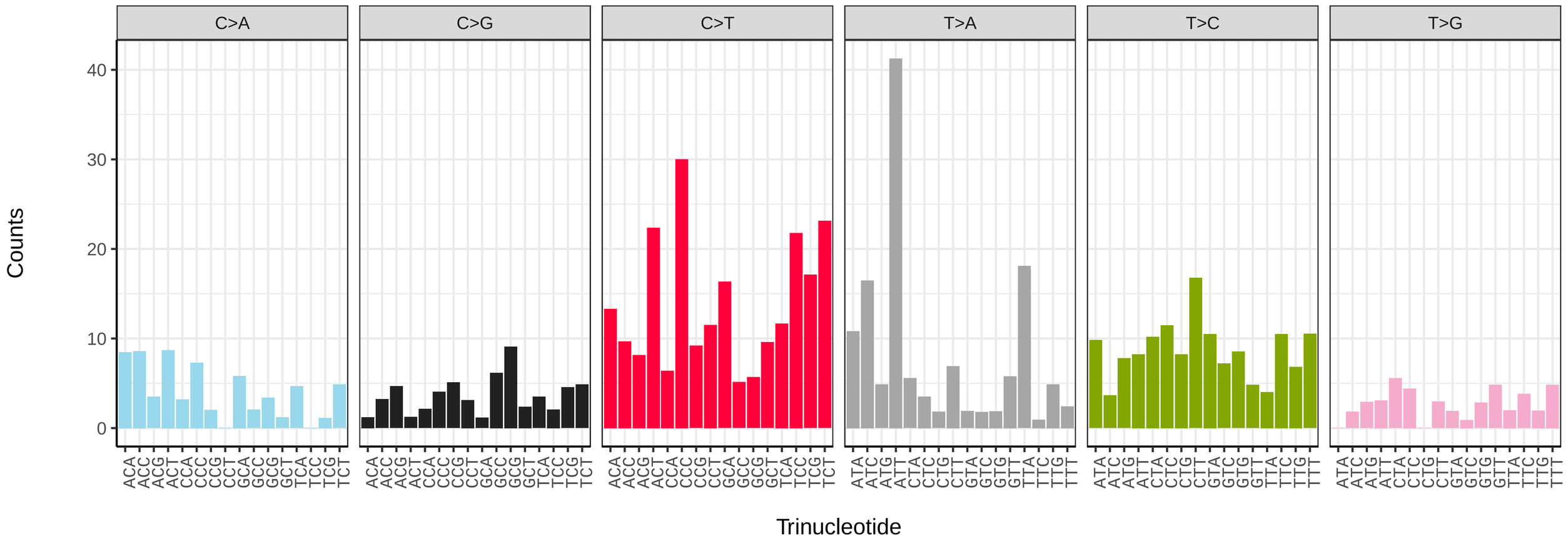
Andrena bucephala (iyAndBuce1) somatic mutational spectrum (SBS52 classification)



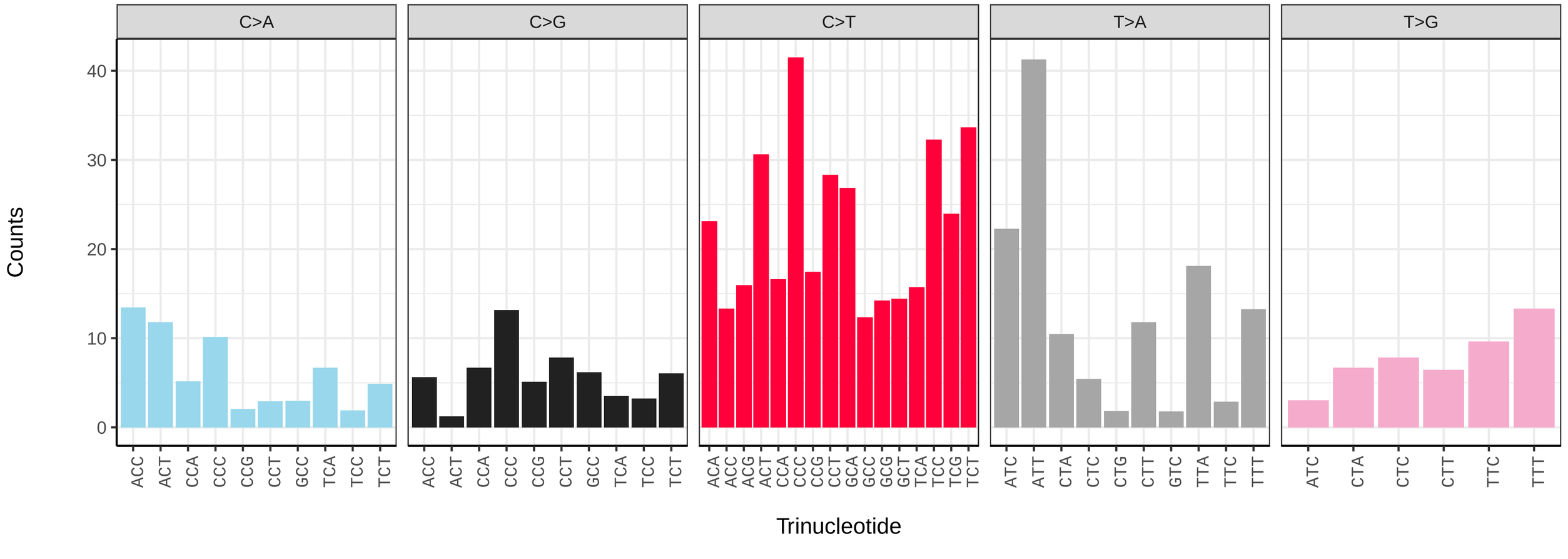
Andrena dorsata (iyAndDors1) germline mutational spectrum



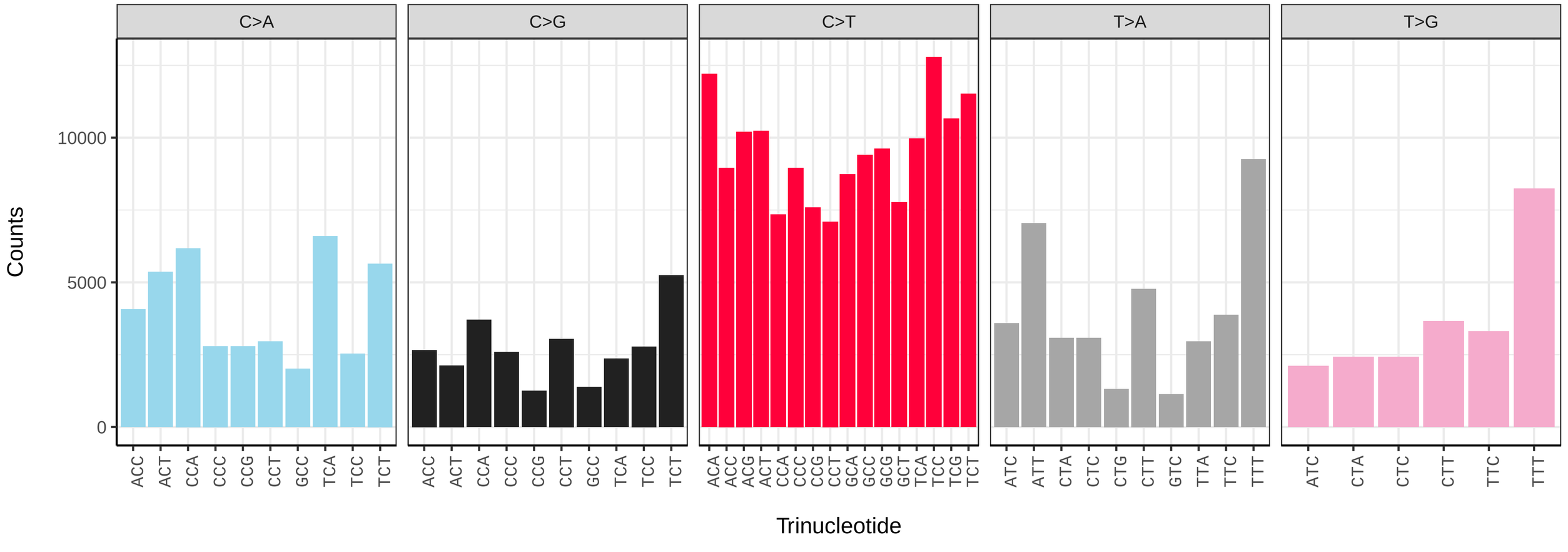
Andrena dorsata (iyAndDors1) somatic mutational spectrum (SBS96 classification)



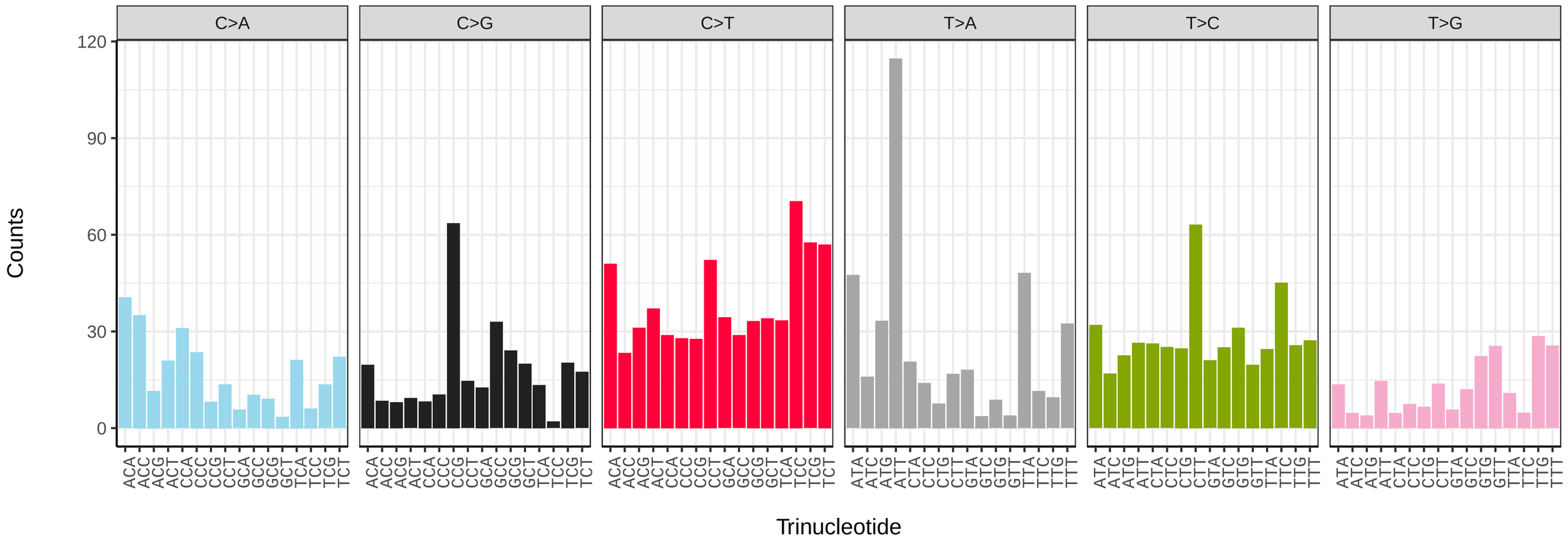
Andrena dorsata (iyAndDors1) somatic mutational spectrum (SBS52 classification)



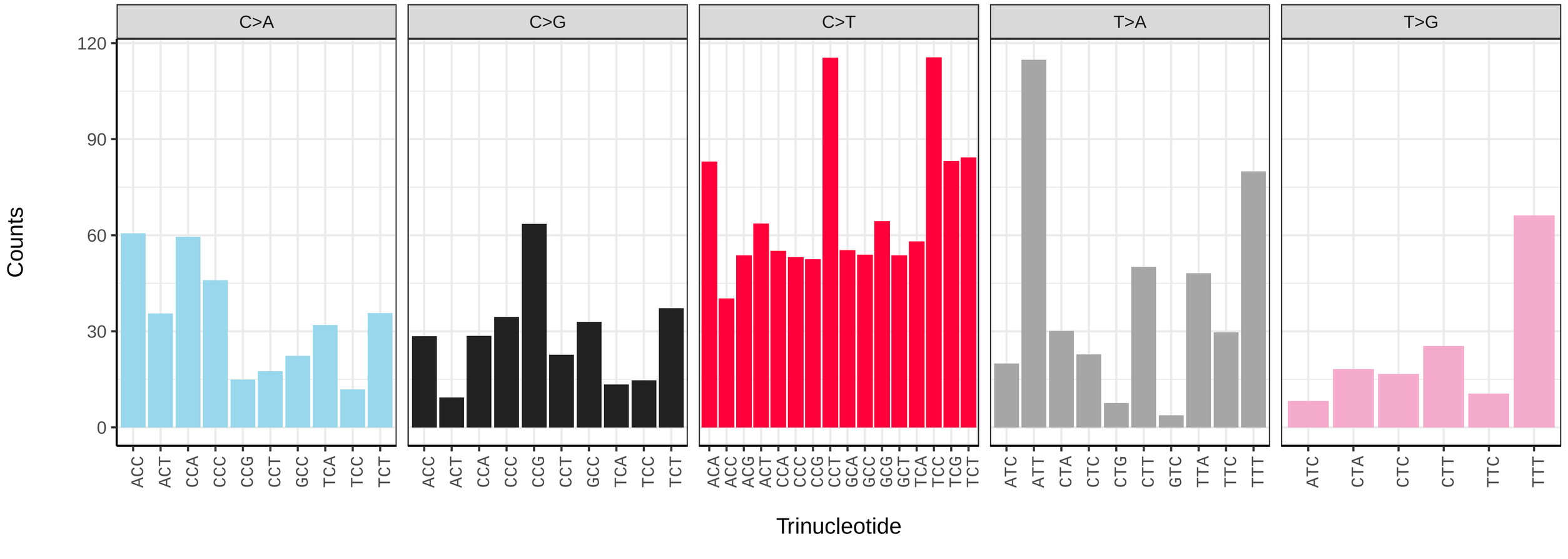
Andrena fulva (iyAndFulv1) germline mutational spectrum



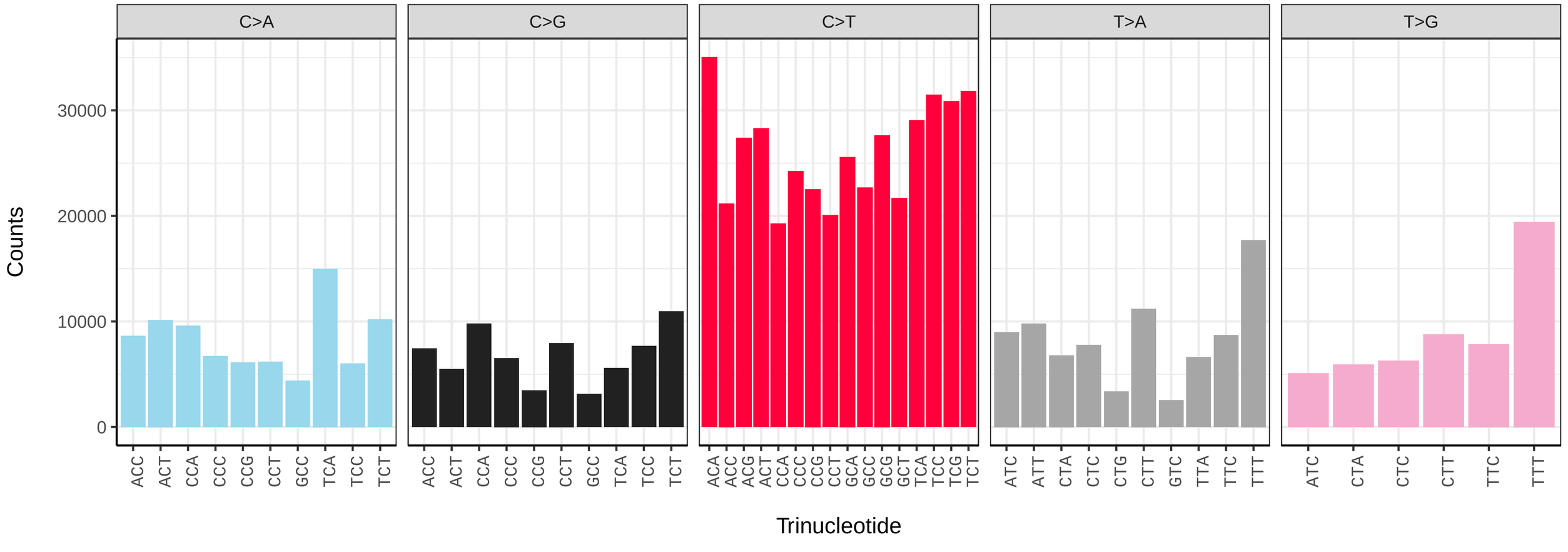
Andrena fulva (iyAndFulv1) somatic mutational spectrum (SBS96 classification)



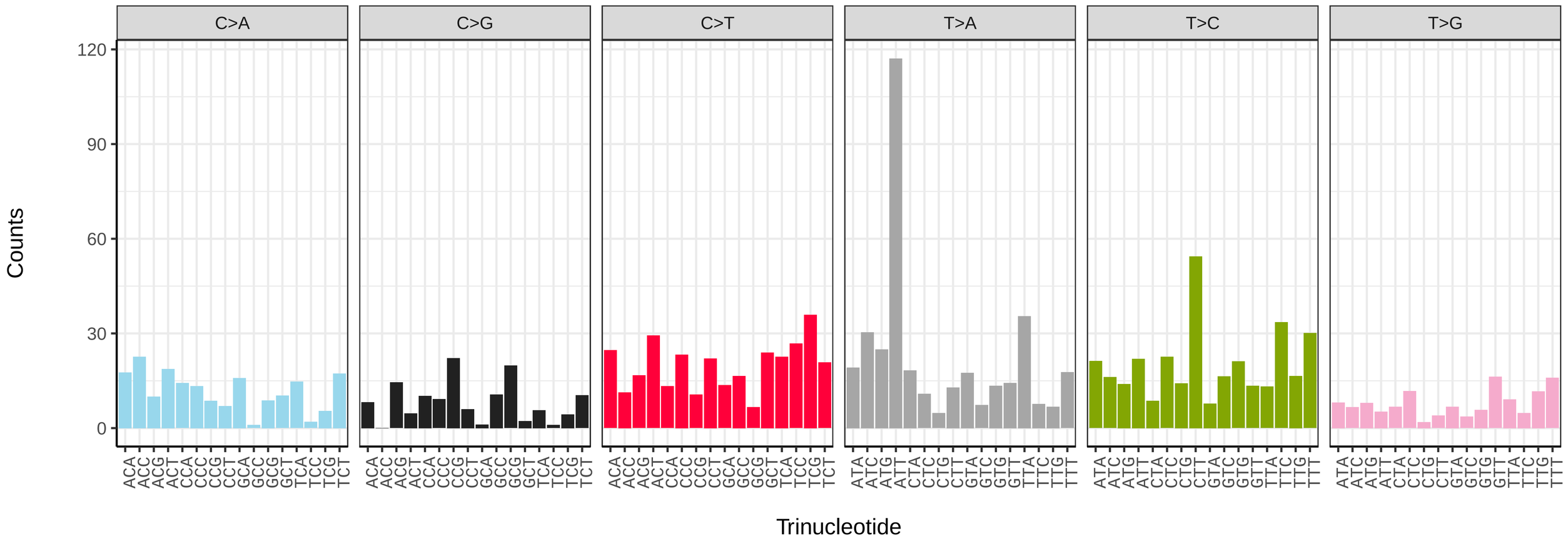
Andrena fulva (iyAndFulv1) somatic mutational spectrum (SBS52 classification)



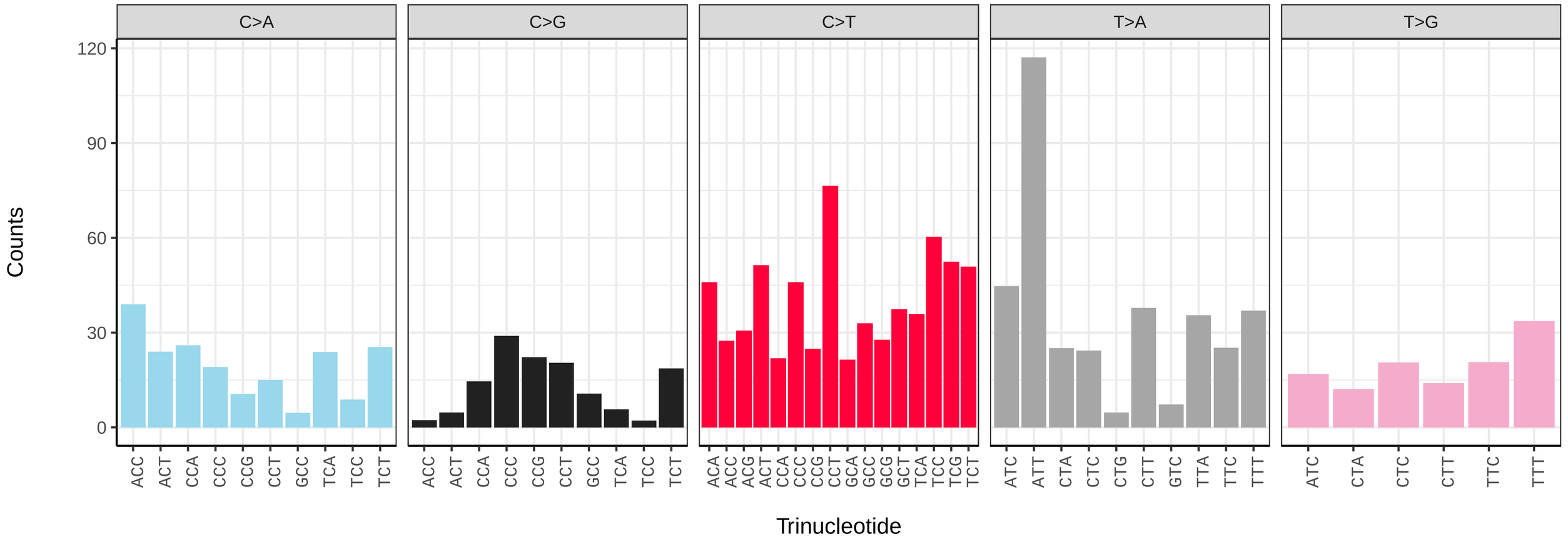
Andrena haemorrhoa (iyAndHaem1) germline mutational spectrum



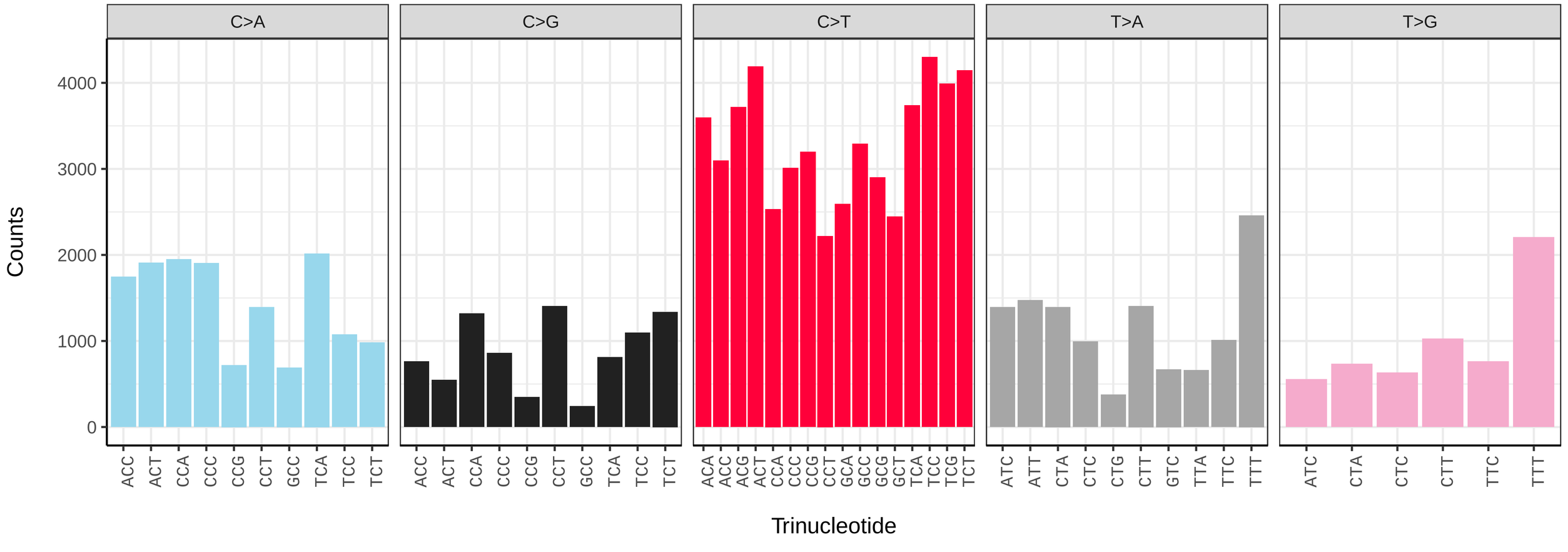
Andrena haemorrhoa (iyAndHaem1) somatic mutational spectrum (SBS96 classification)



Andrena haemorrhoa (iyAndHaem1) somatic mutational spectrum (SBS52 classification)



Andrena hattorfiana (iyAndHatt1) germline mutational spectrum



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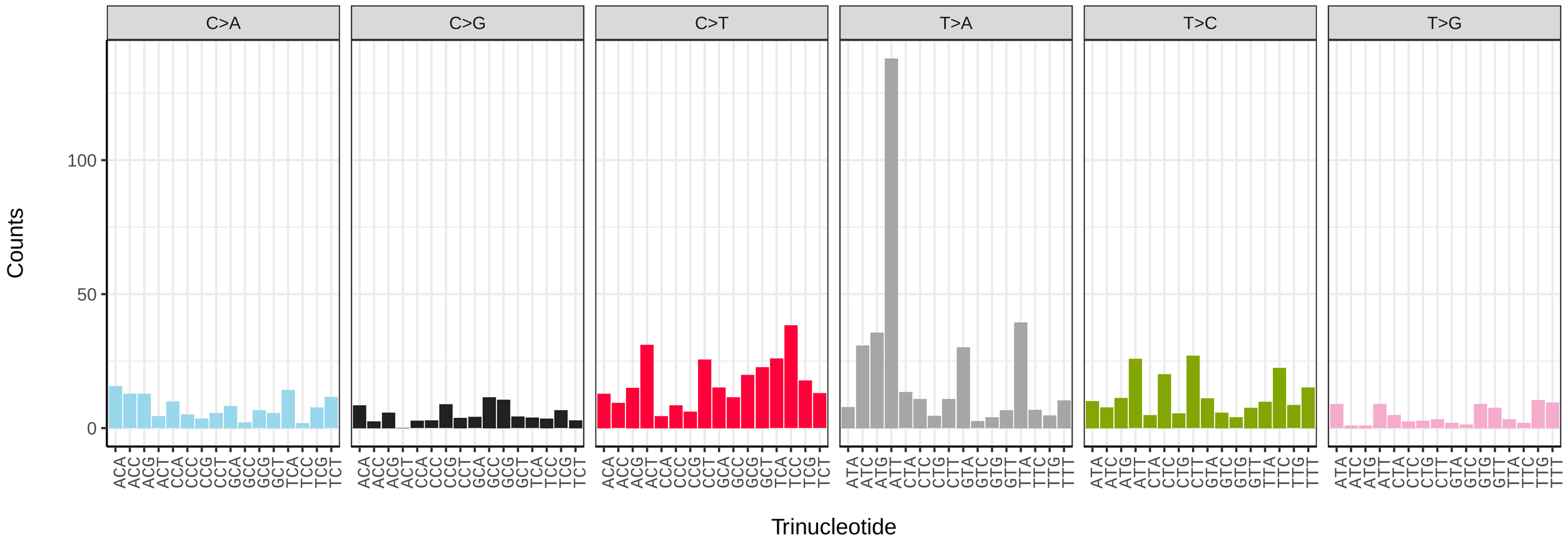
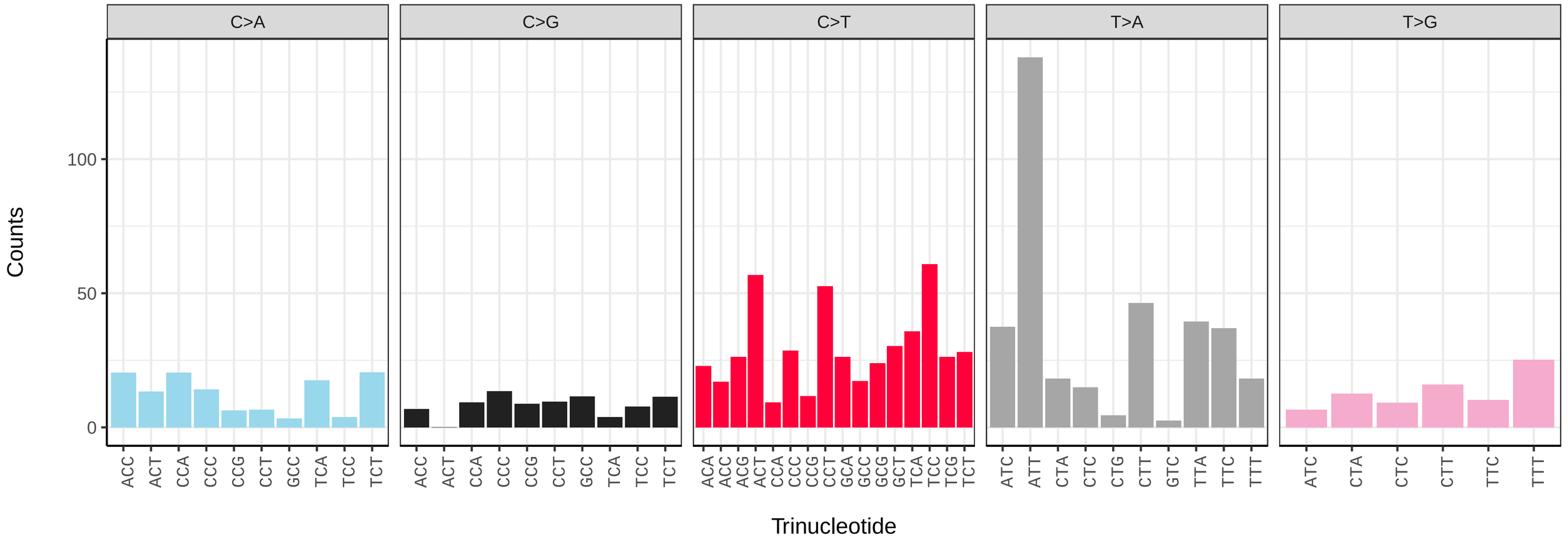
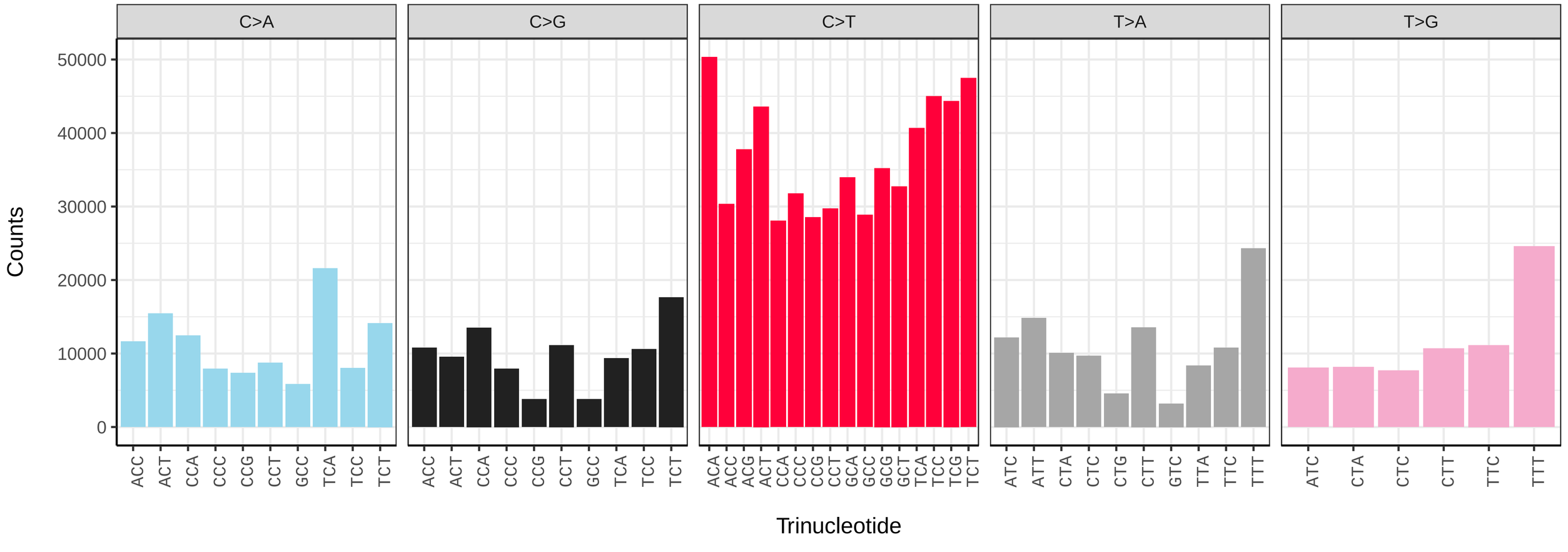


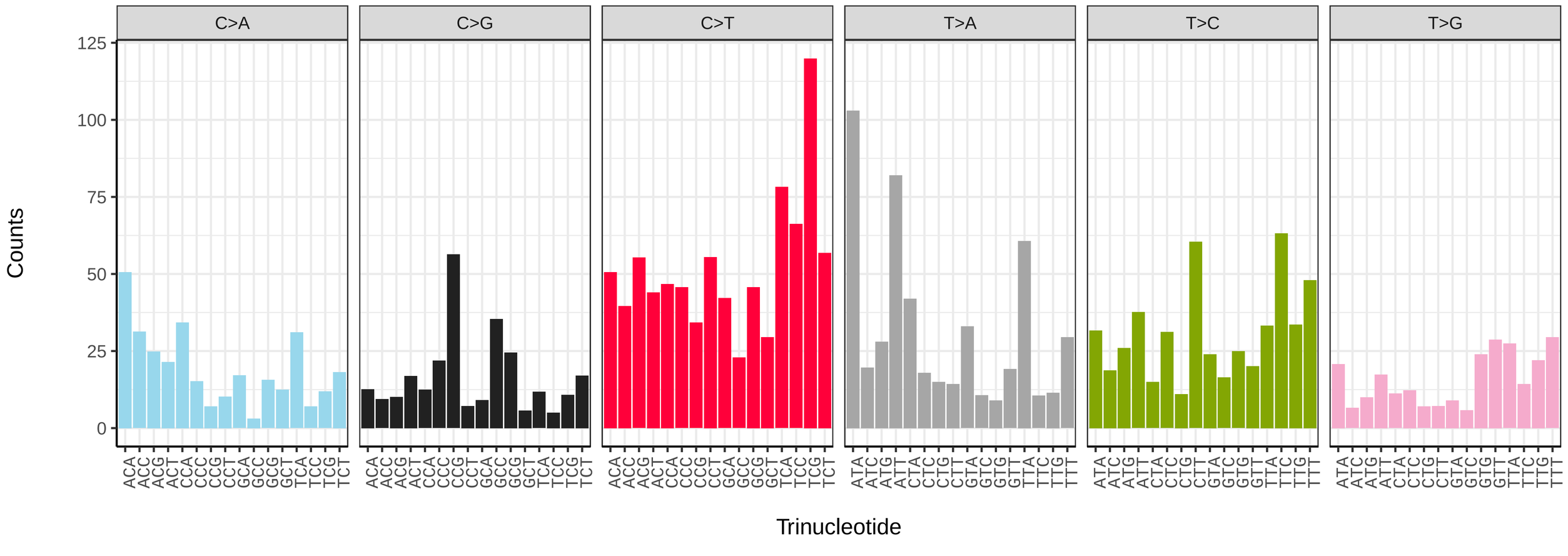
Andrena hattorfiana (iyAndHatt1) somatic mutational spectrum (SBS52 classification)



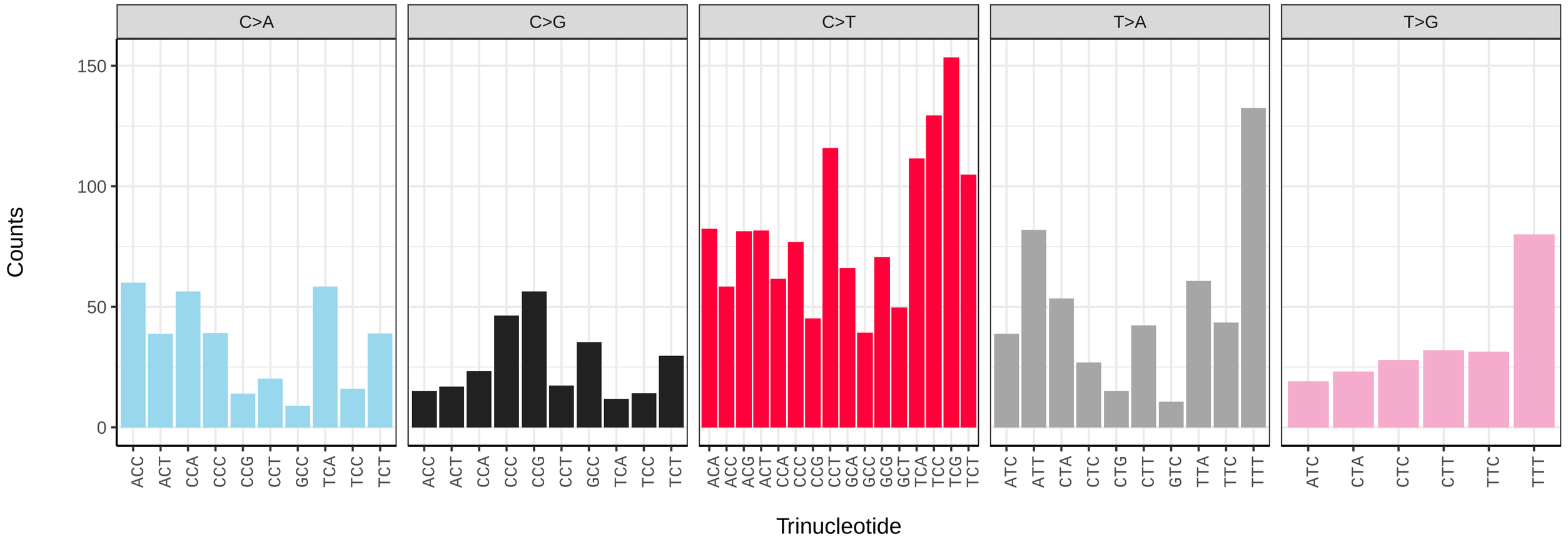
Andrena minutula (iyAndMinu1) germline mutational spectrum



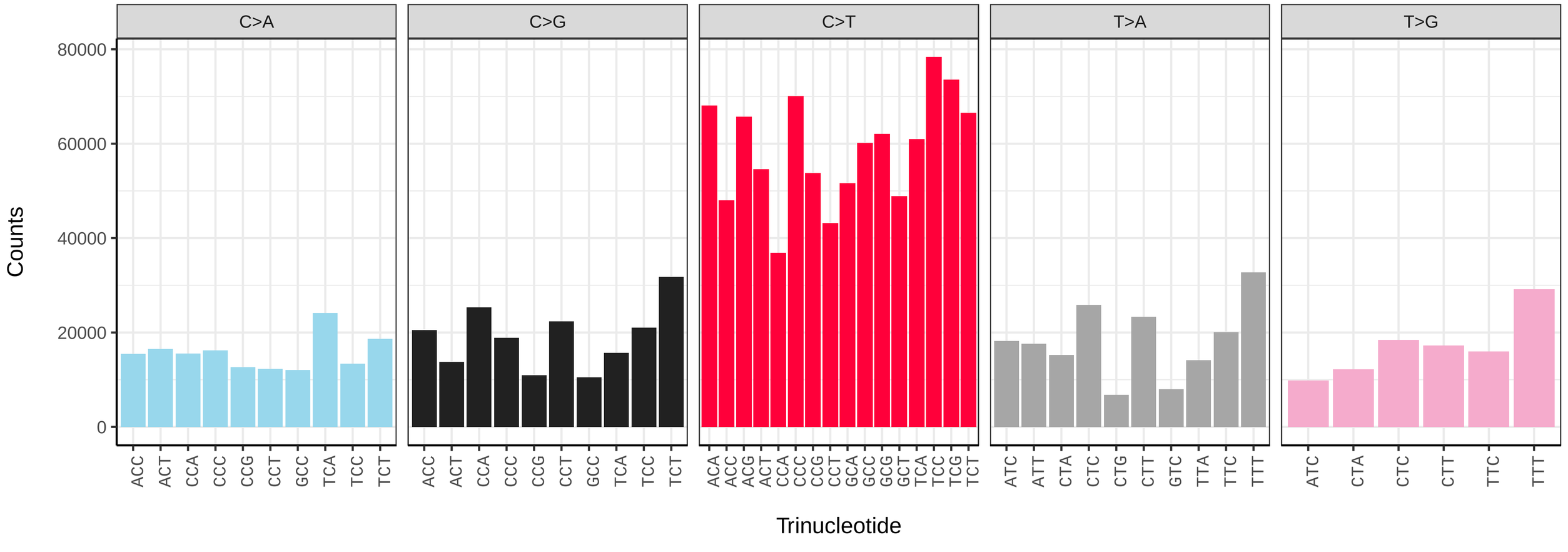
Andrena minutula (iyAndMinu1) somatic mutational spectrum (SBS96 classification)



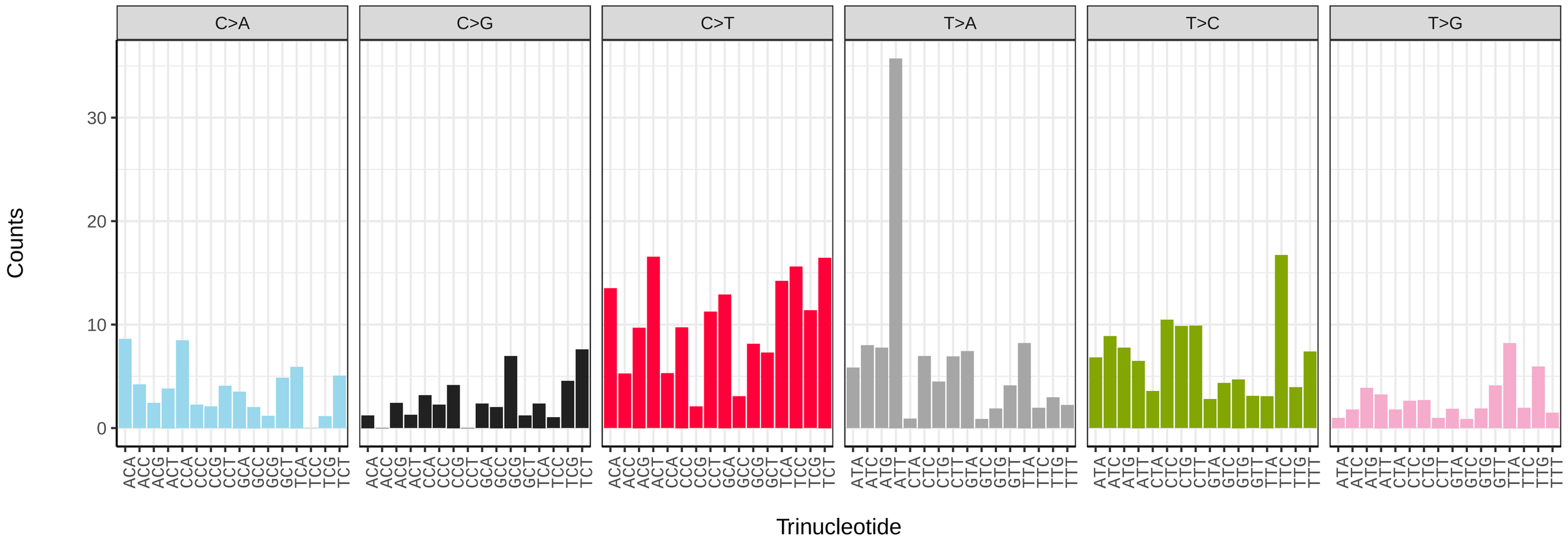
Andrena minutula (iyAndMinu1) somatic mutational spectrum (SBS52 classification)



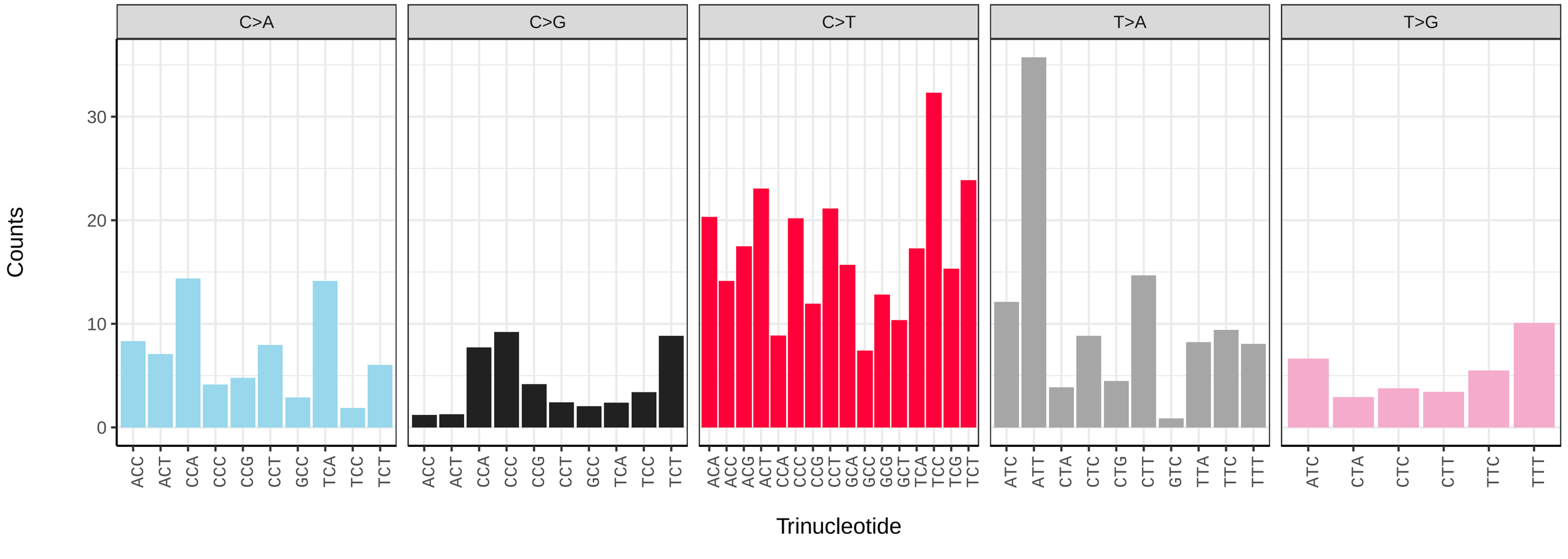
Anoplius nigerrimus (iyAnoNige1) germline mutational spectrum



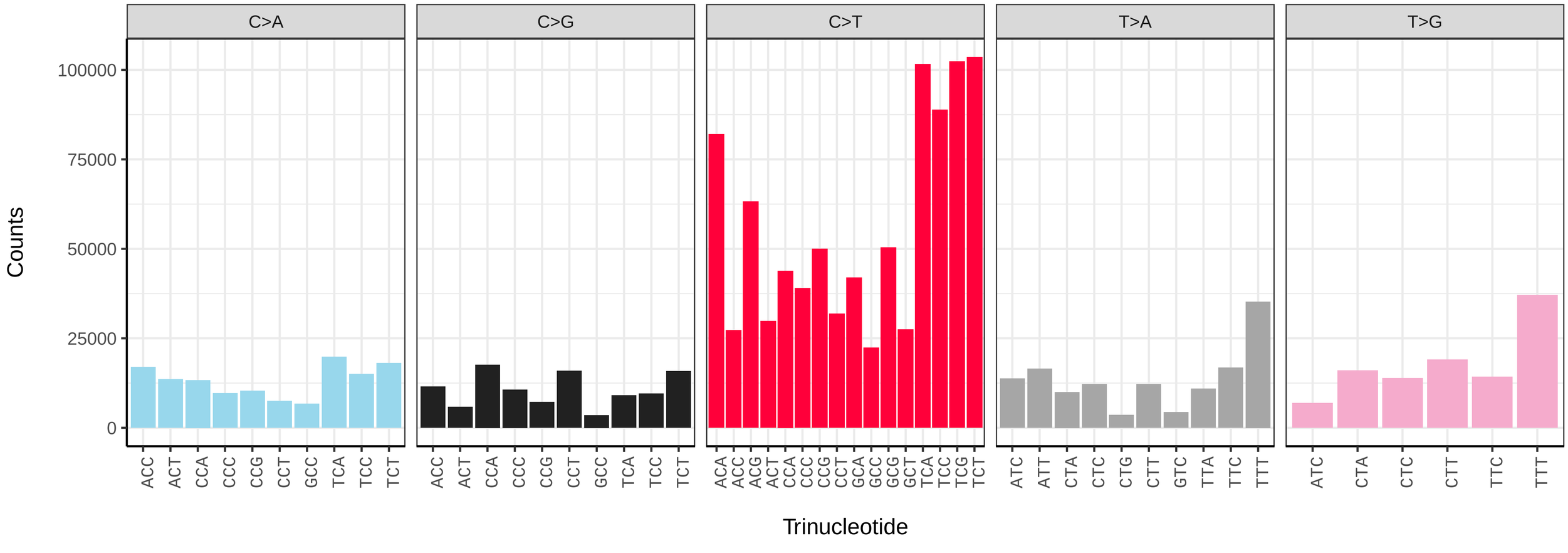
Anoplius nigerrimus (iyAnoNige1) somatic mutational spectrum (SBS96 classification)



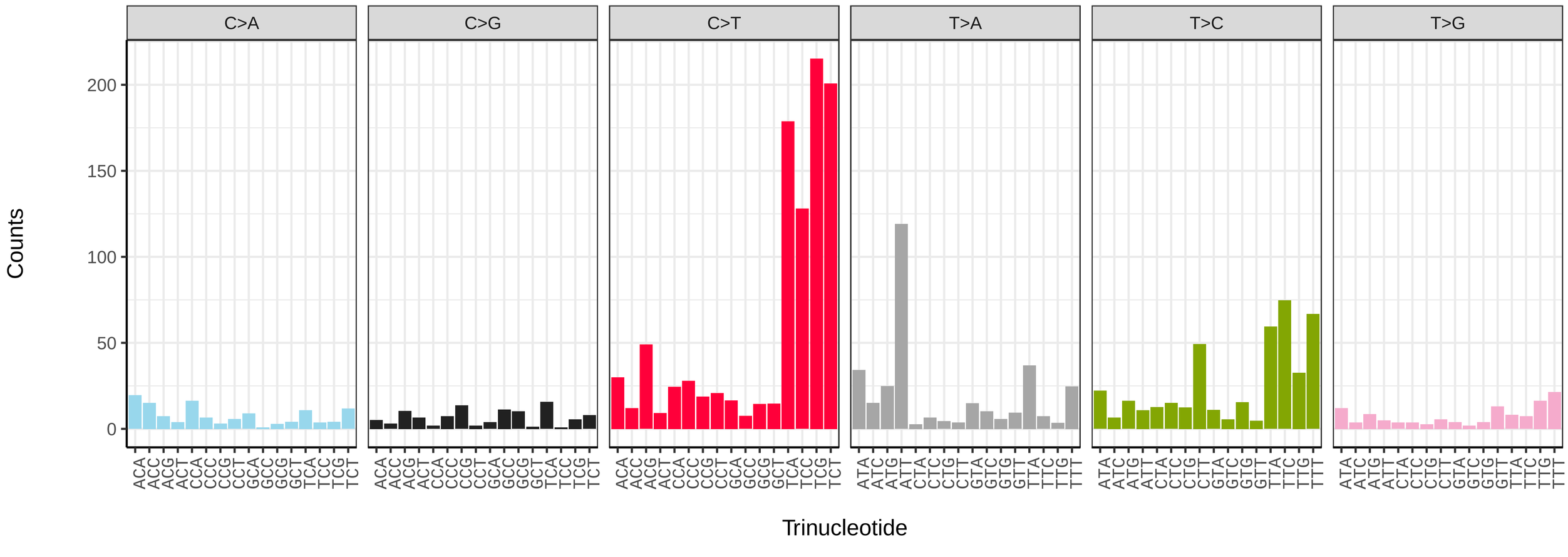
Anoplius nigerrimus (iyAnoNige1) somatic mutational spectrum (SBS52 classification)



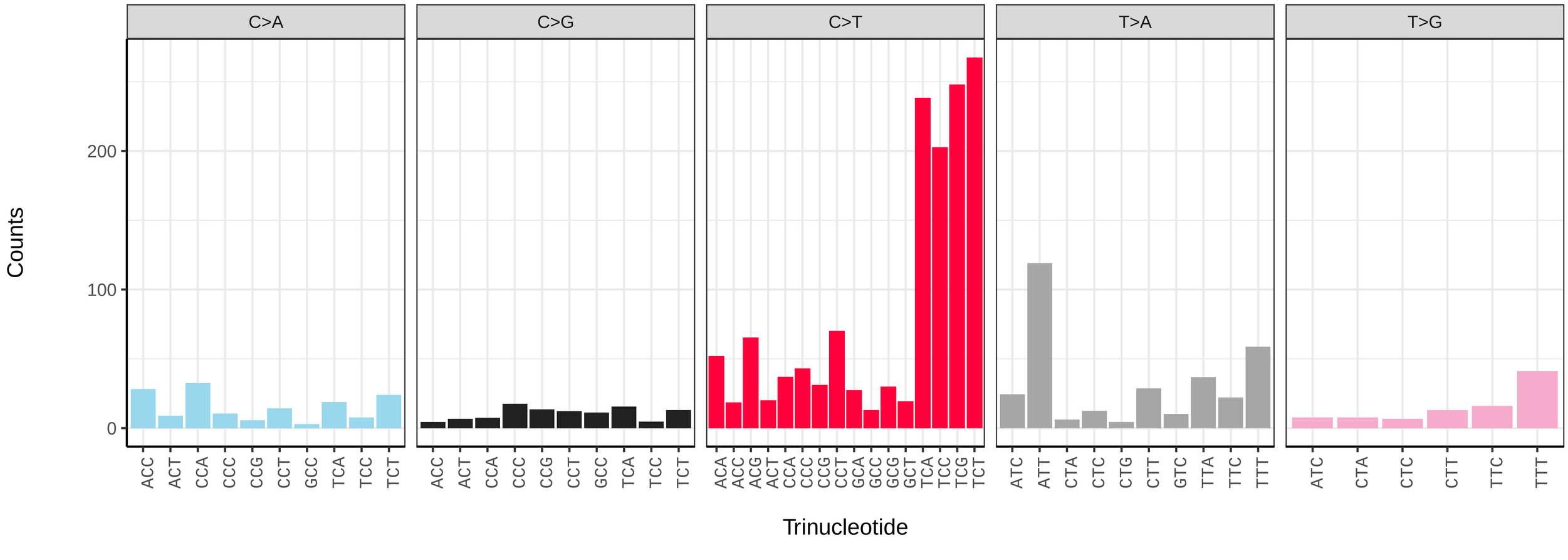
Athalia rosae (iyAthRosa1) germline mutational spectrum



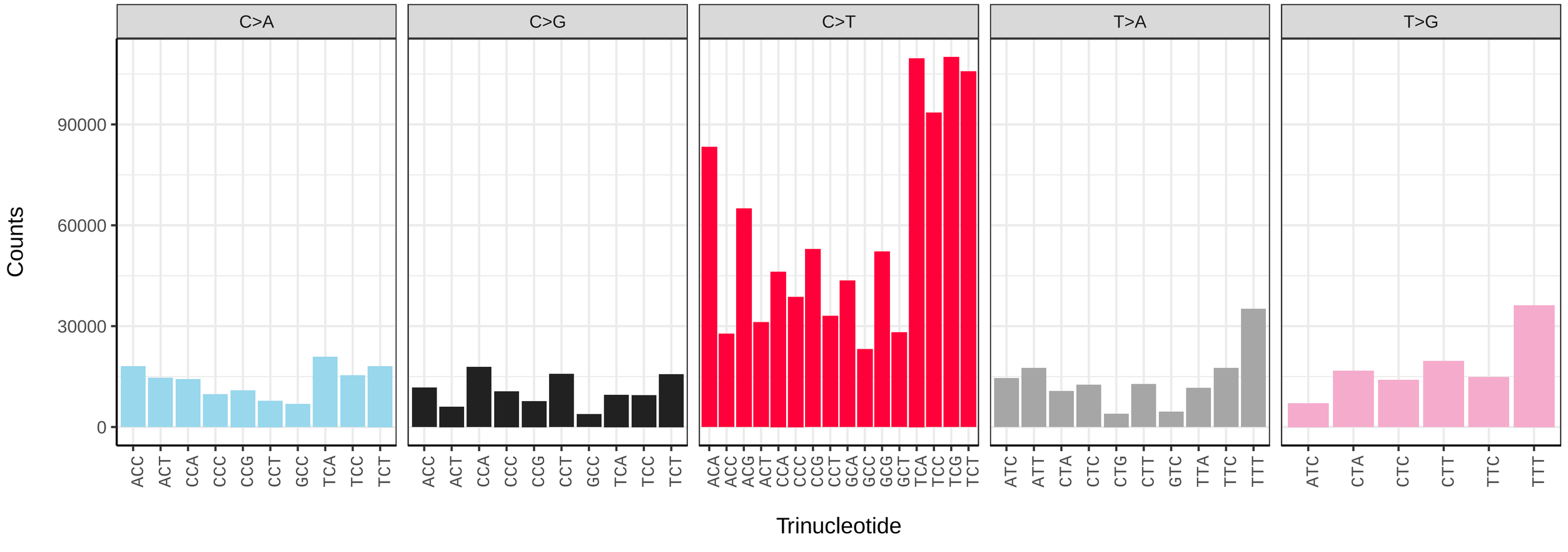
Athalia rosae (iyAthRosa1) somatic mutational spectrum (SBS96 classification)



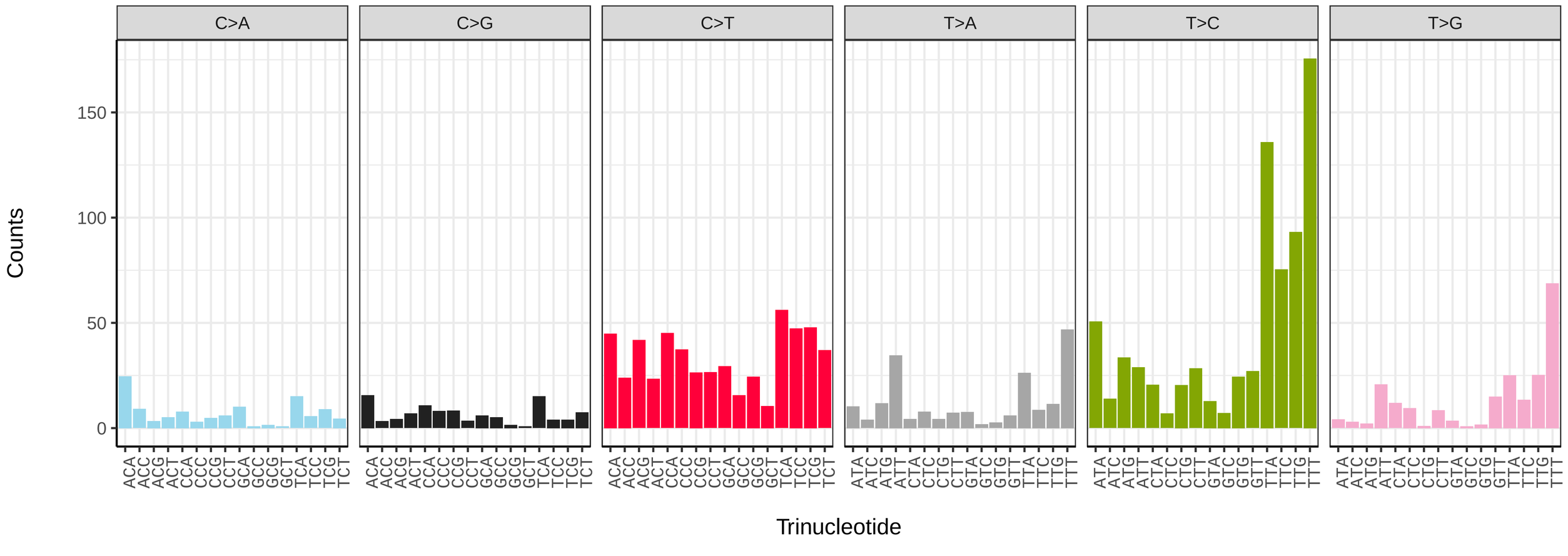
Athalia rosae (iyAthRosa1) somatic mutational spectrum (SBS52 classification)



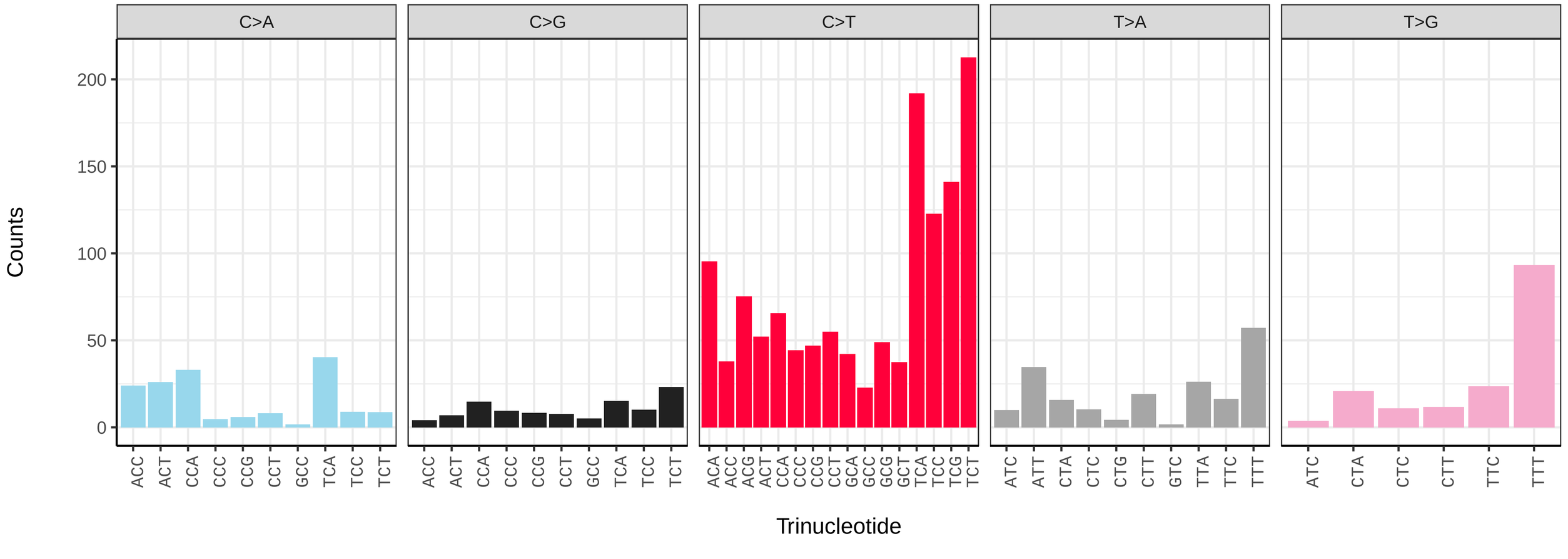
Athalia rosae (iyAthRosa1.iyAthRosa2) germline mutational spectrum



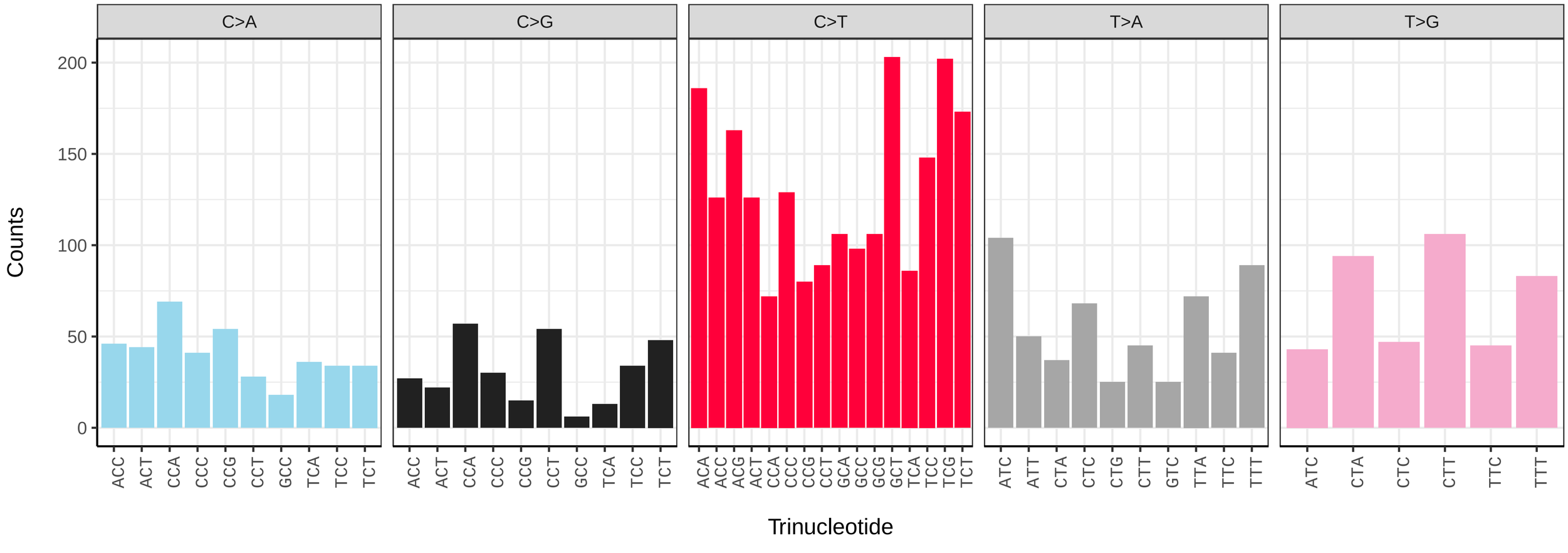
Athalia rosae (iyAthRosa1.iyAthRosa2) somatic mutational spectrum (SBS96 classification)



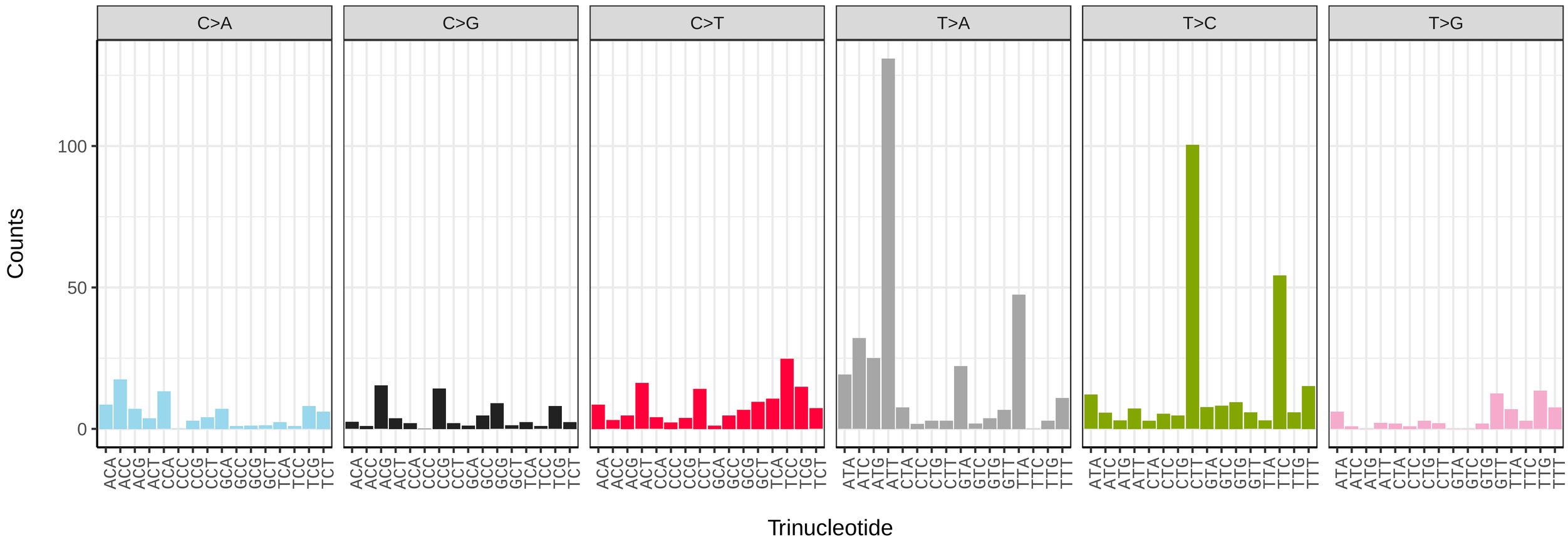
Athalia rosae (iyAthRosa1.iyAthRosa2) somatic mutational spectrum (SBS52 classification)



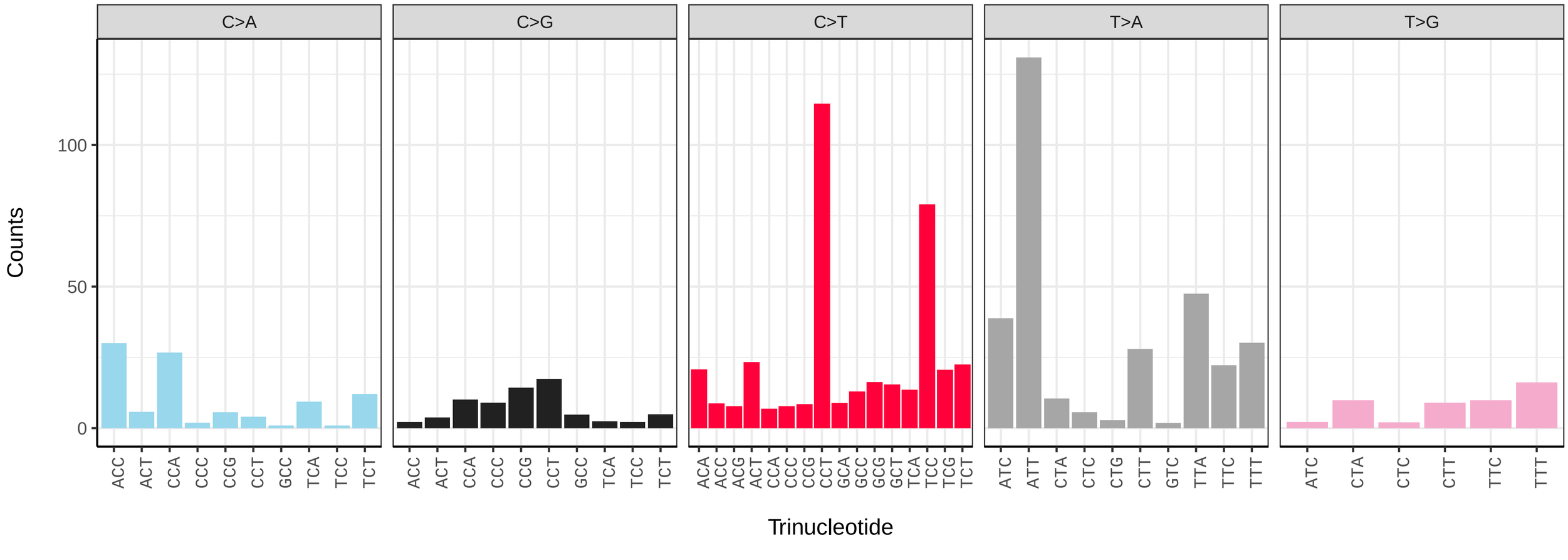
Bombus hortorum (iyBomHort1) germline mutational spectrum



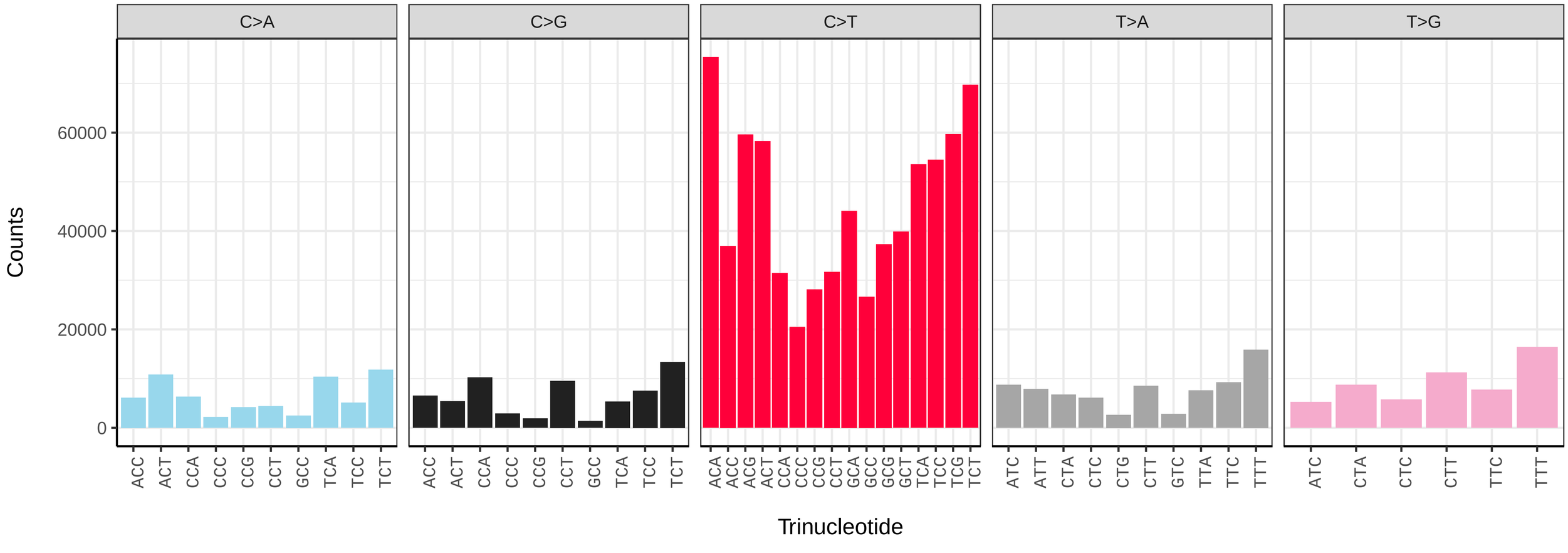
Bombus hortorum (iyBomHort1) somatic mutational spectrum (SBS96 classification)



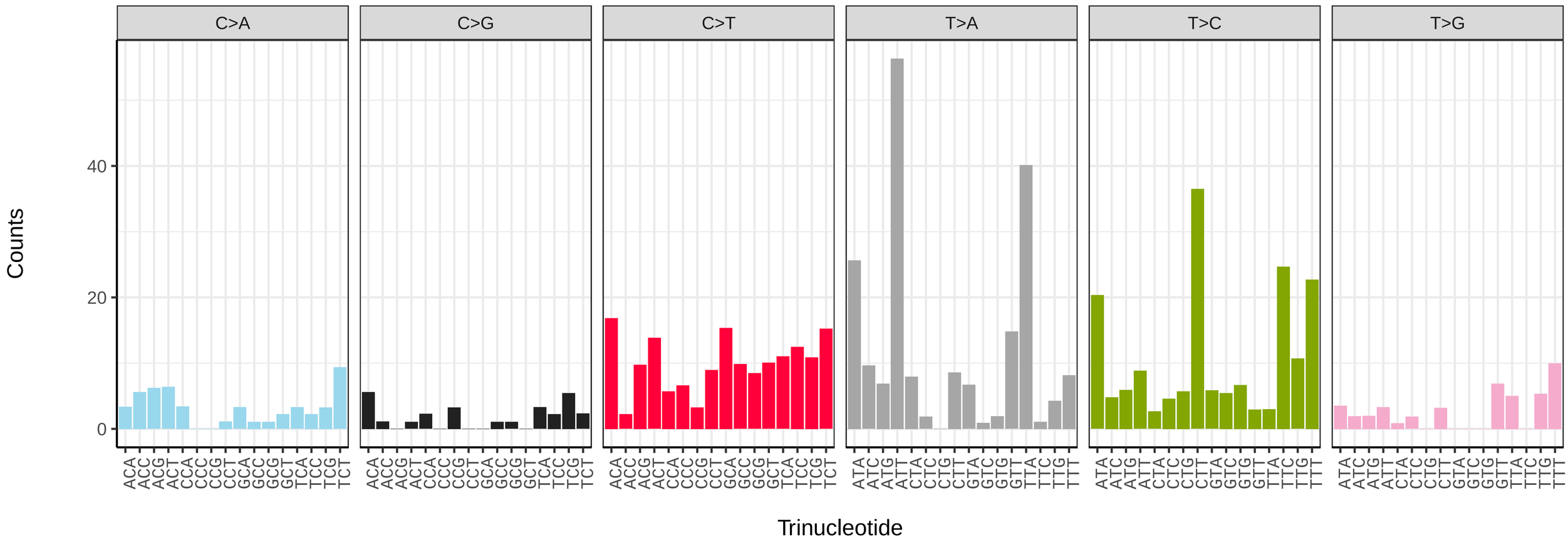
Bombus hortorum (iyBomHort1) somatic mutational spectrum (SBS52 classification)



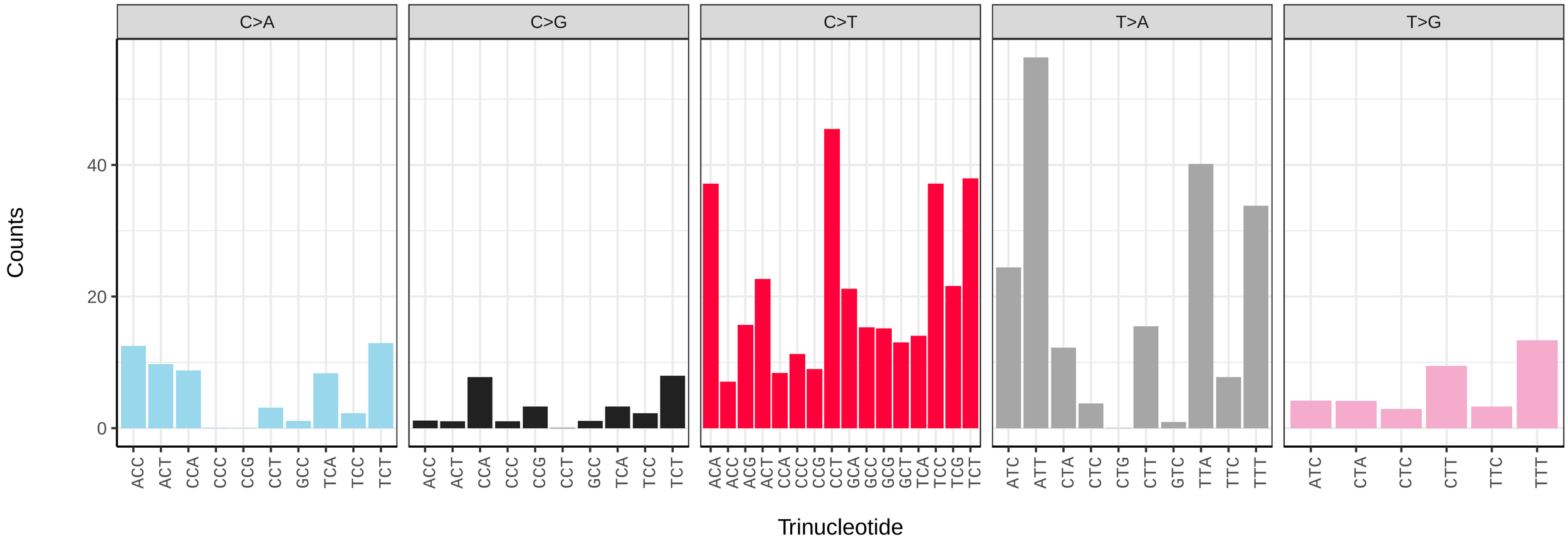
Bombus pascuorum (iyBomPasc1) germline mutational spectrum



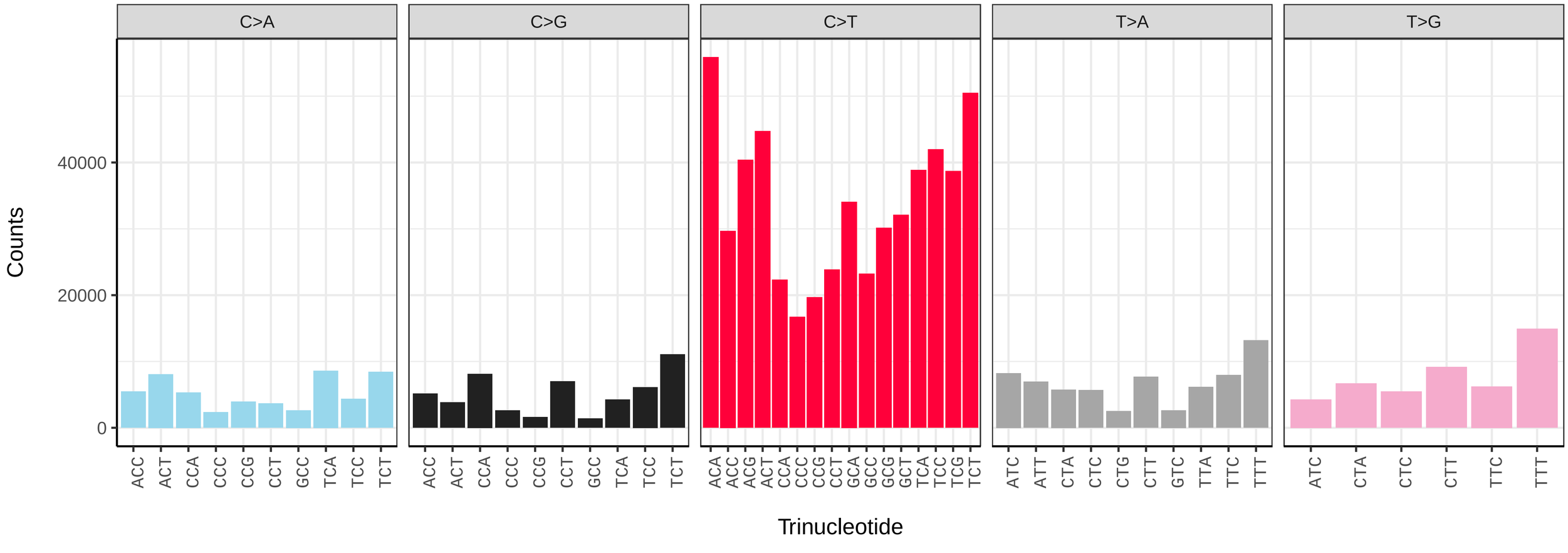
Bombus pascuorum (iyBomPasc1) somatic mutational spectrum (SBS96 classification)



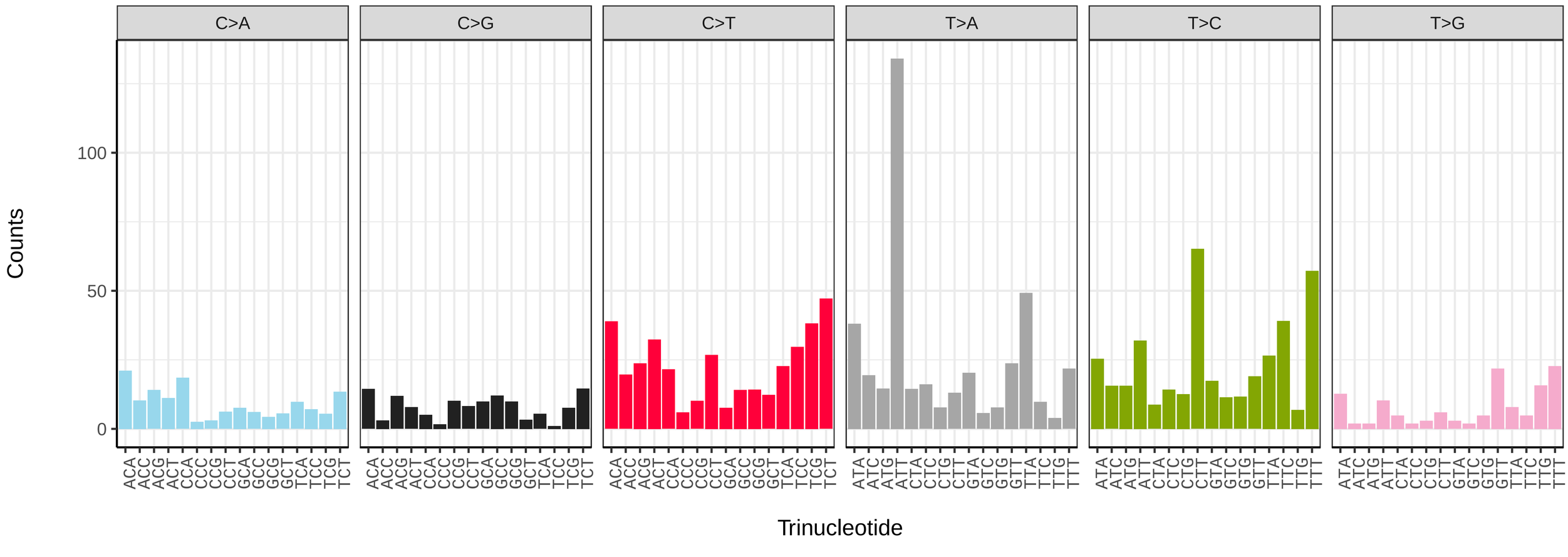
Bombus pascuorum (iyBomPasc1) somatic mutational spectrum (SBS52 classification)



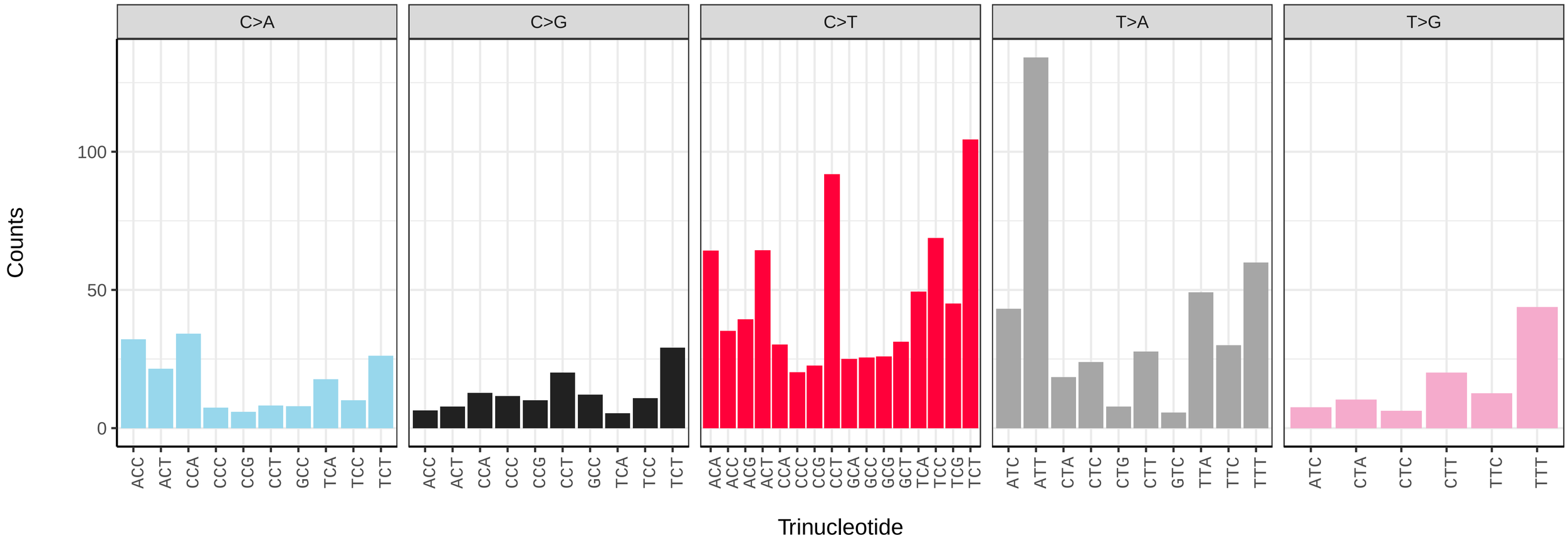
Bombus pratorum (iyBomPrat1) germline mutational spectrum



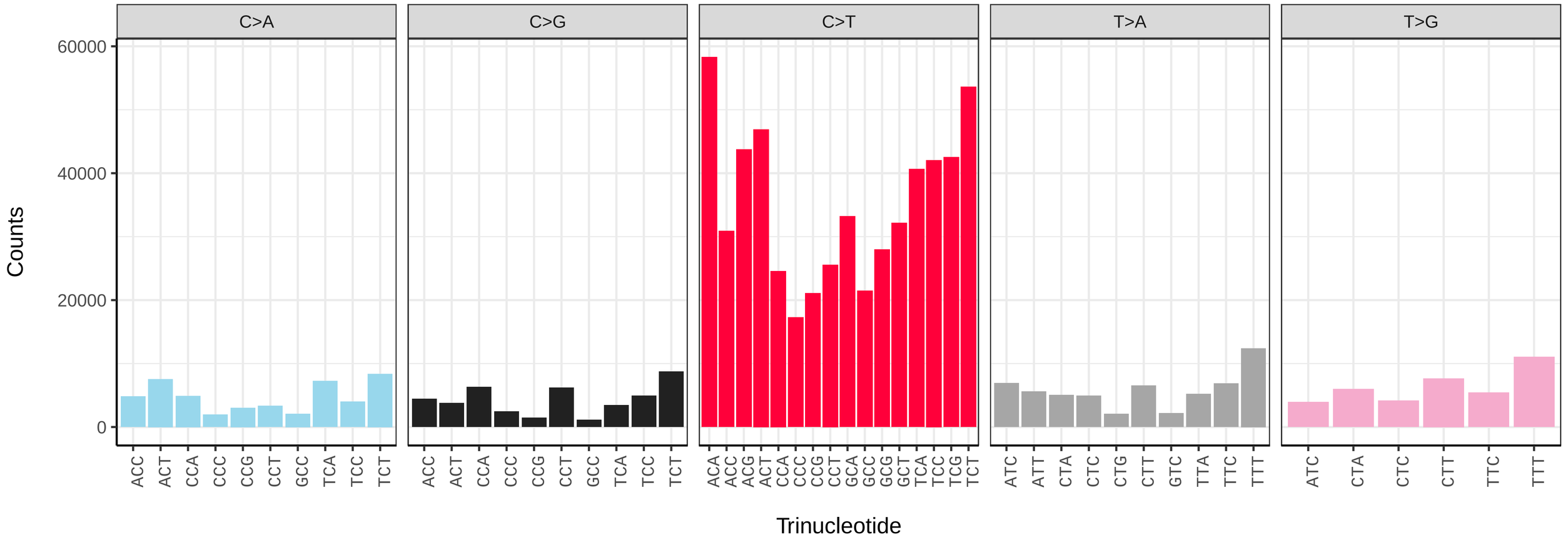
Bombus pratorum (iyBomPrat1) somatic mutational spectrum (SBS96 classification)



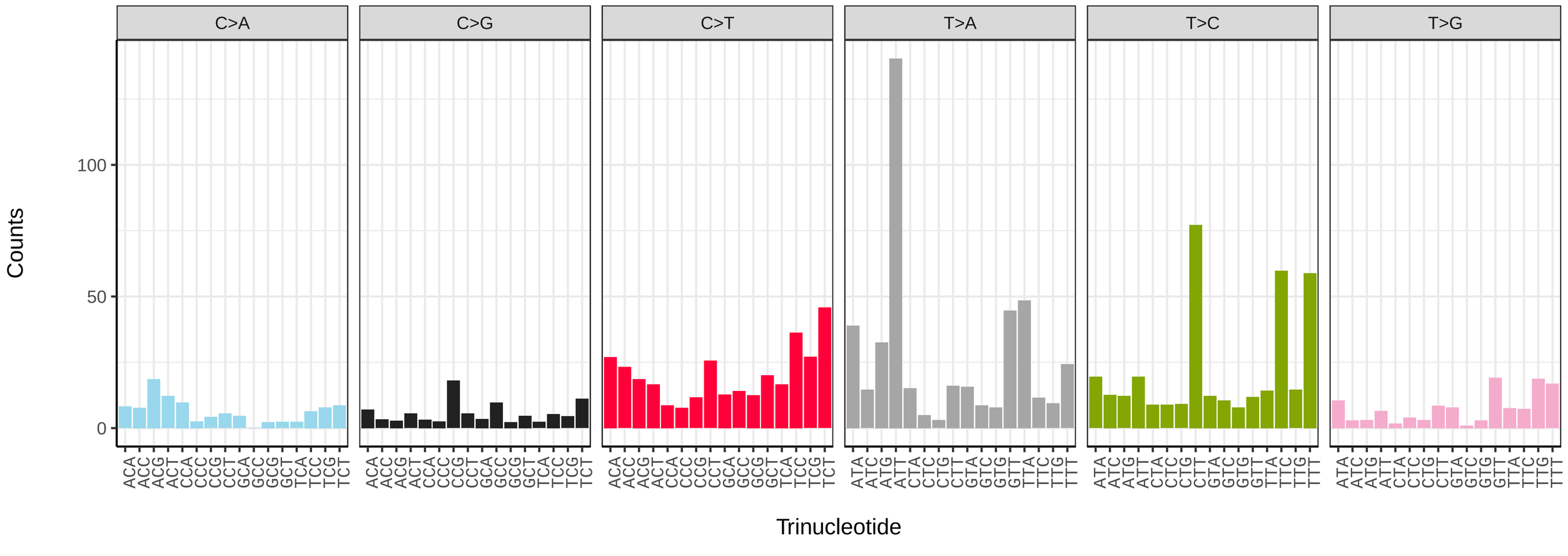
Bombus pratorum (iyBomPrat1) somatic mutational spectrum (SBS52 classification)



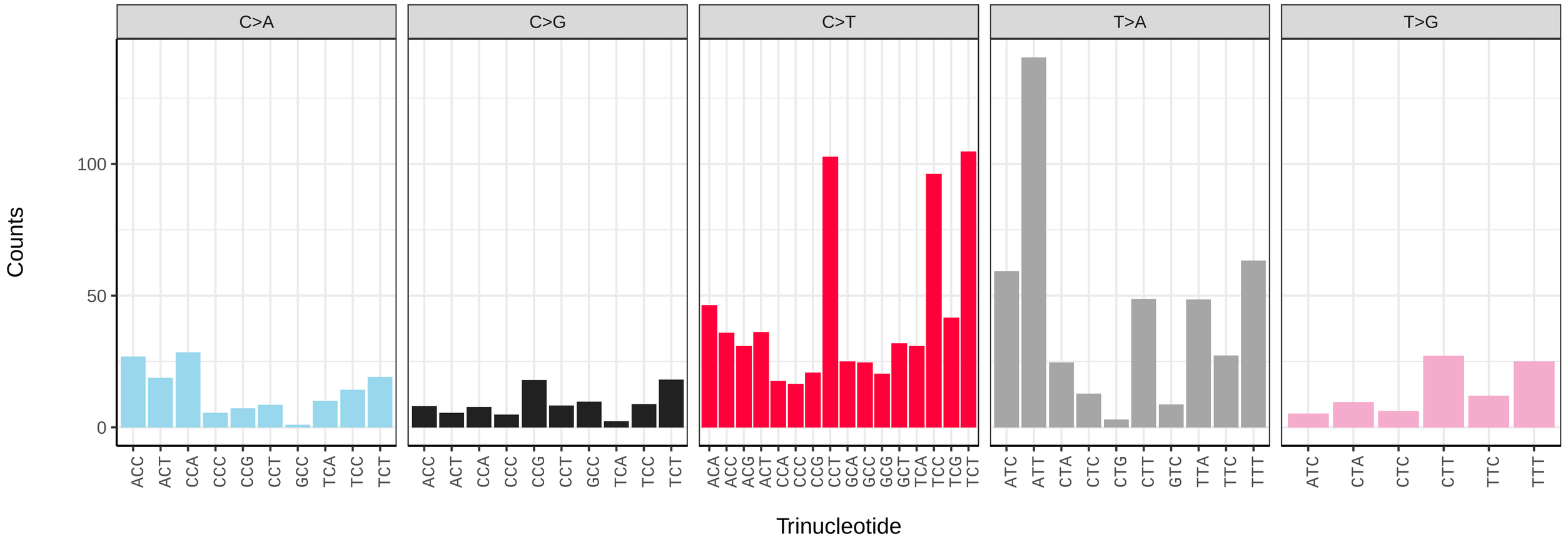
Bombus terrestris (iyBomTerr1) germline mutational spectrum



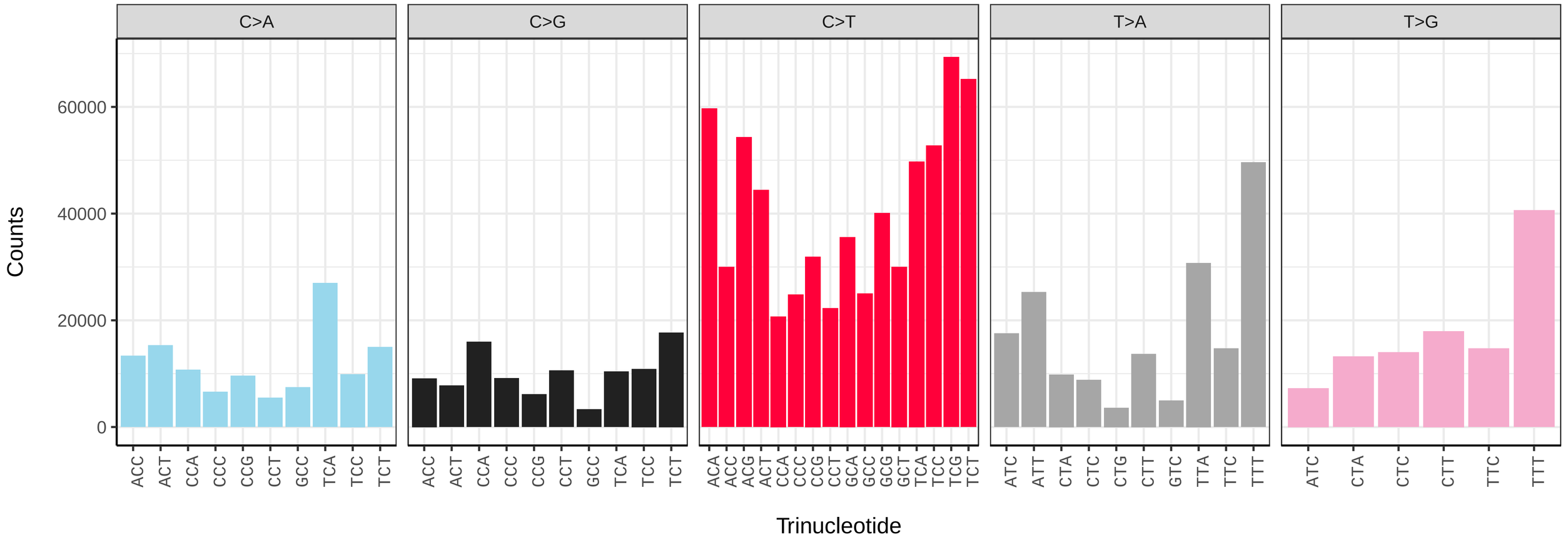
Bombus terrestris (iyBomTerr1) somatic mutational spectrum (SBS96 classification)



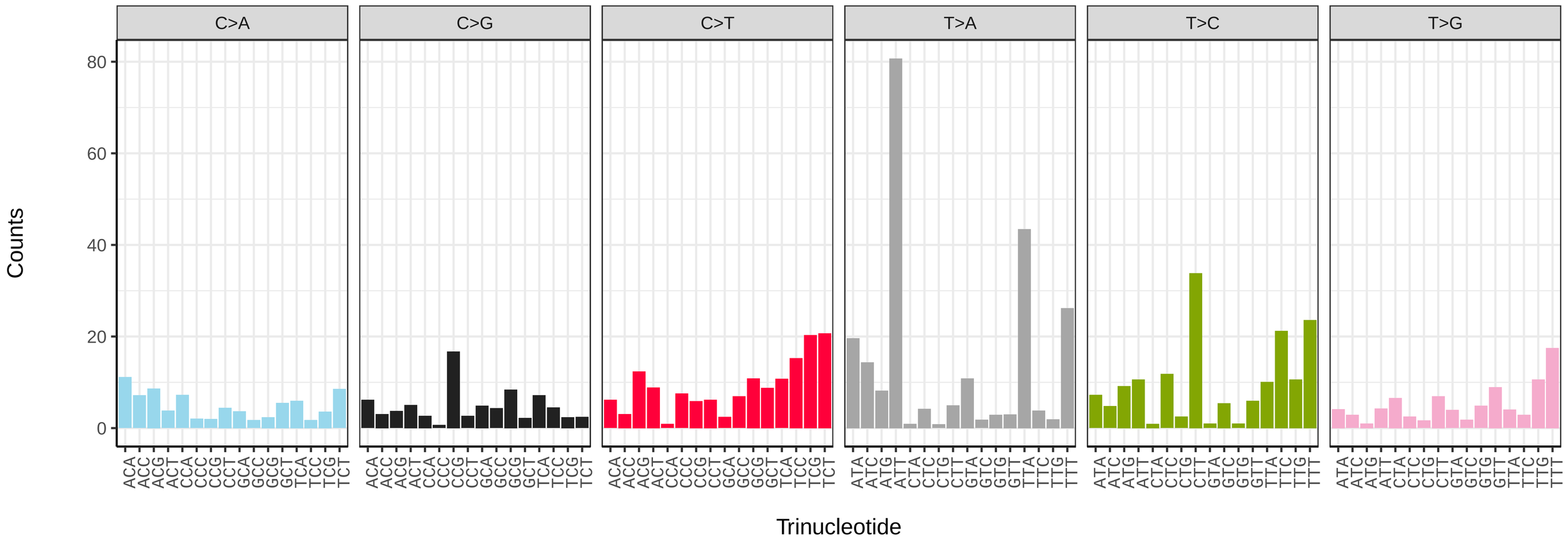
Bombus terrestris (iyBomTerr1) somatic mutational spectrum (SBS52 classification)



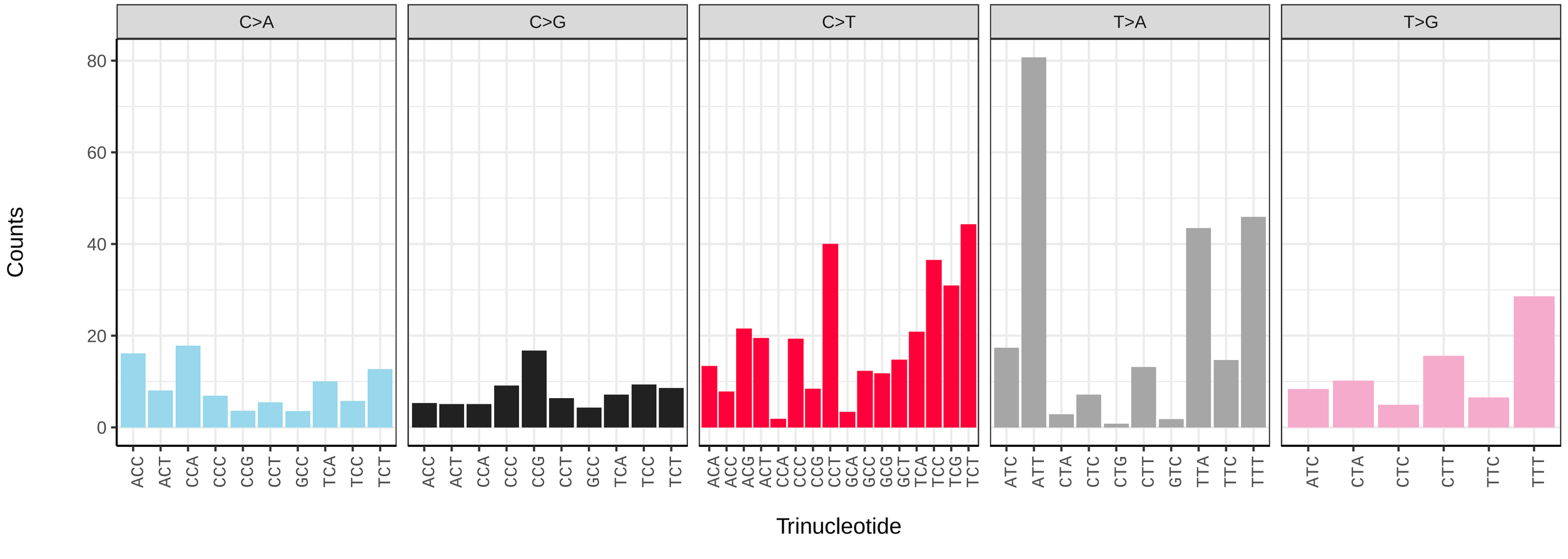
Buathra laborator (iyBuaLabo1) germline mutational spectrum



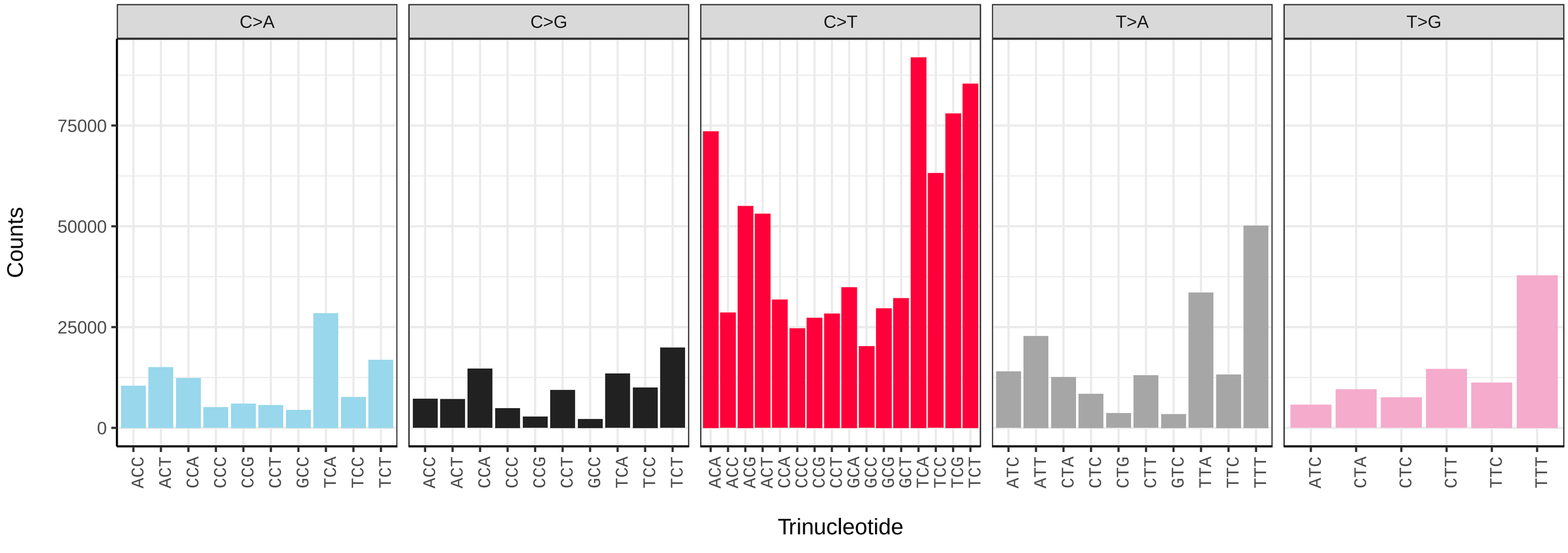
Buathra laborator (iyBuaLabo1) somatic mutational spectrum (SBS96 classification)



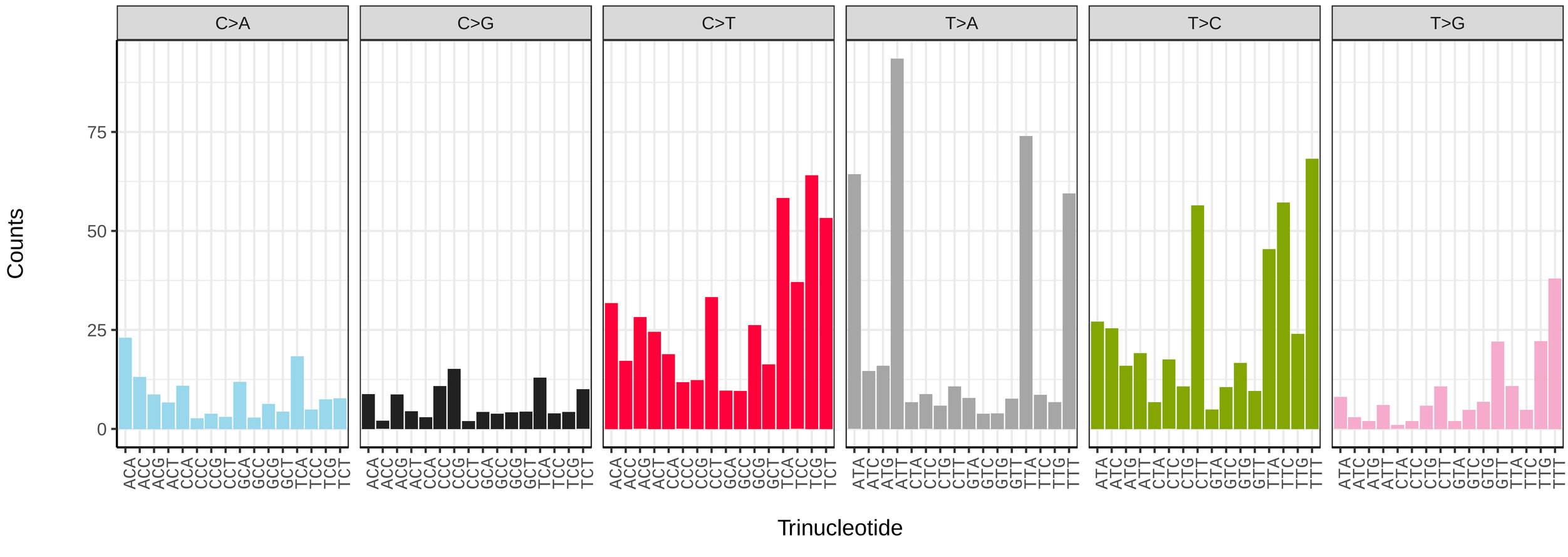
Buathra laborator (iyBuaLabo1) somatic mutational spectrum (SBS52 classification)



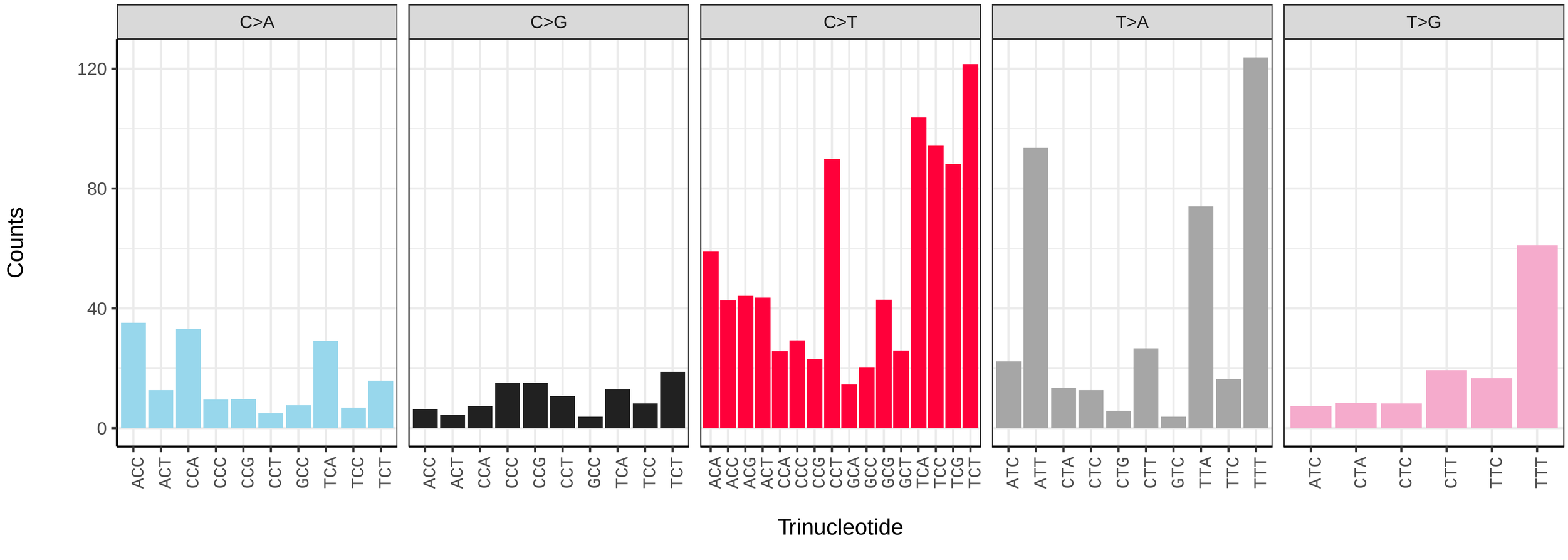
Campoletis raptor (iyCamRapt1) germline mutational spectrum



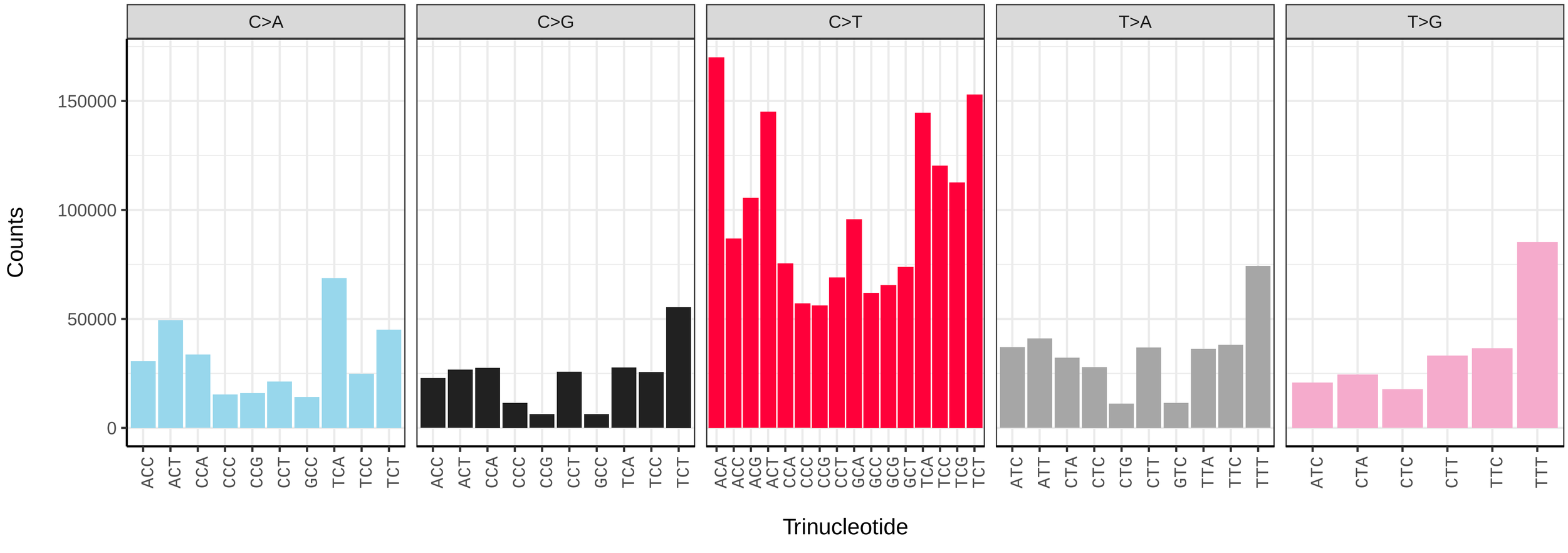
Campoletis raptor (iyCamRapt1) somatic mutational spectrum (SBS96 classification)



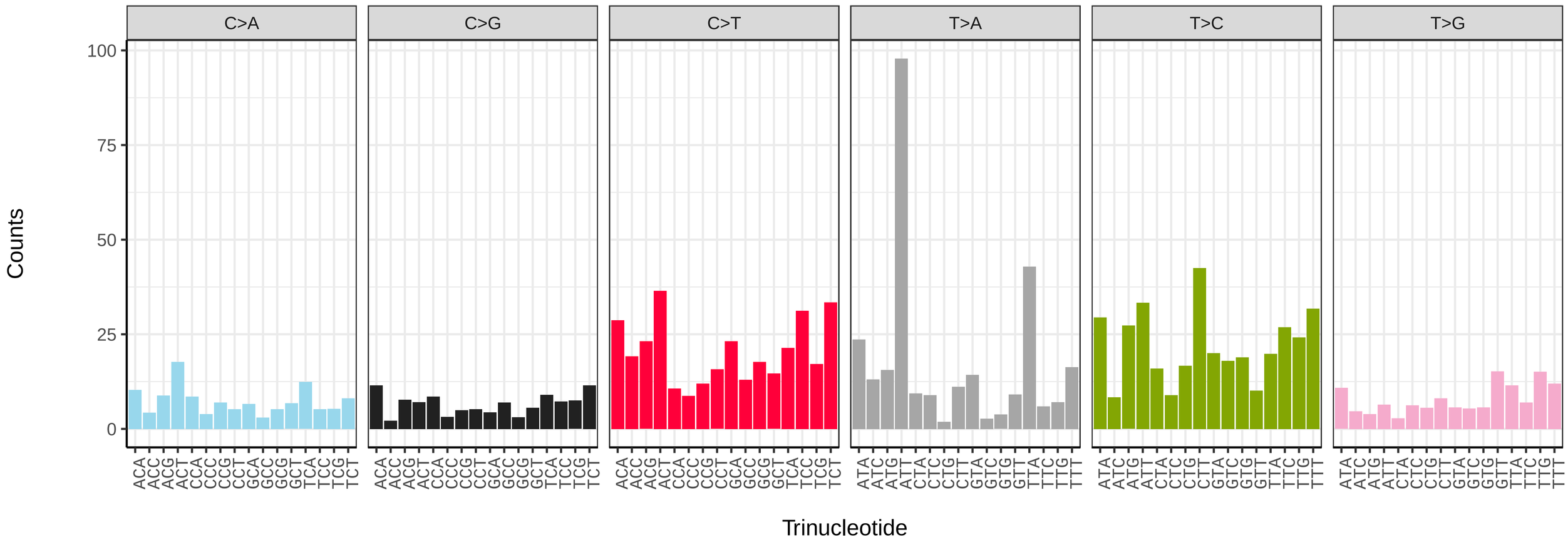
Campoletis raptor (iyCamRapt1) somatic mutational spectrum (SBS52 classification)



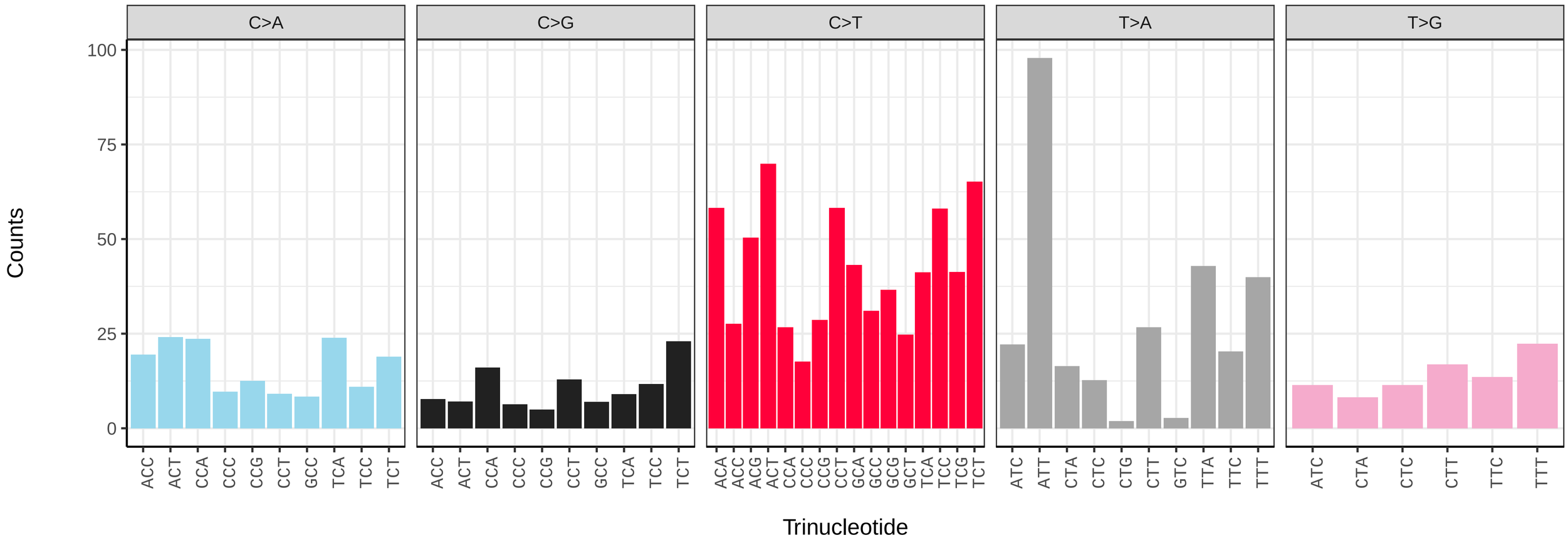
Cerceris rybyensis (iyCerRyby1) germline mutational spectrum



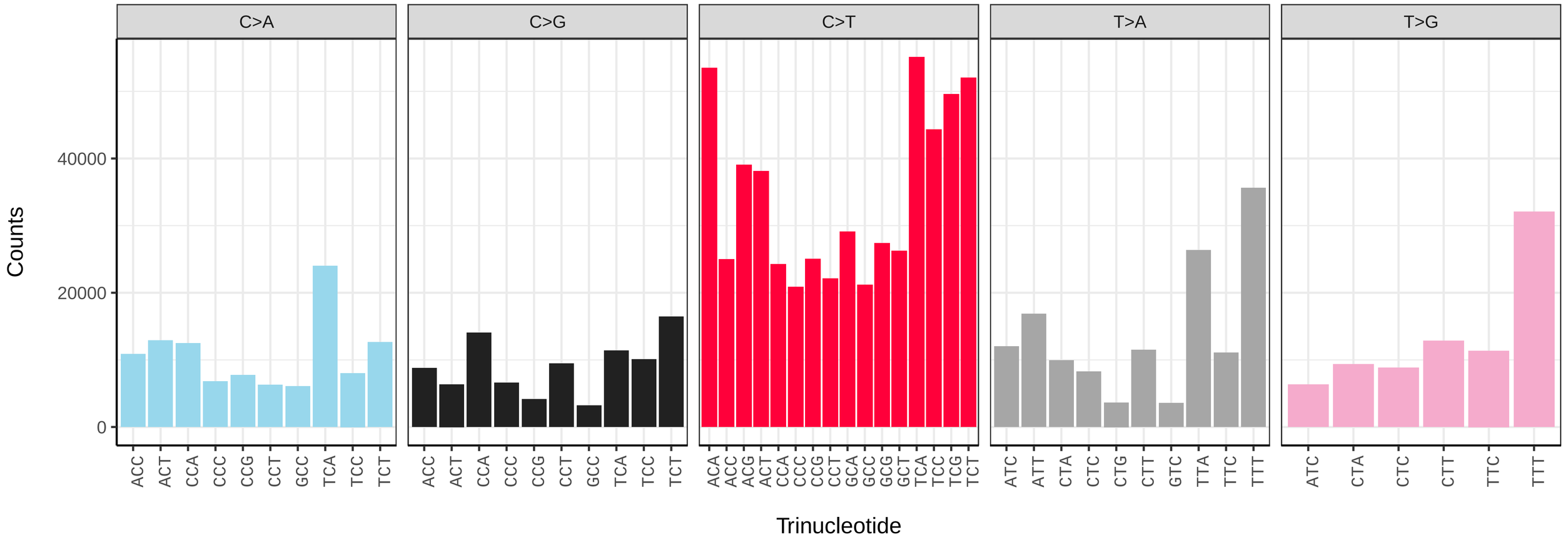
Cerceris rybyensis (iyCerRyby1) somatic mutational spectrum (SBS96 classification)



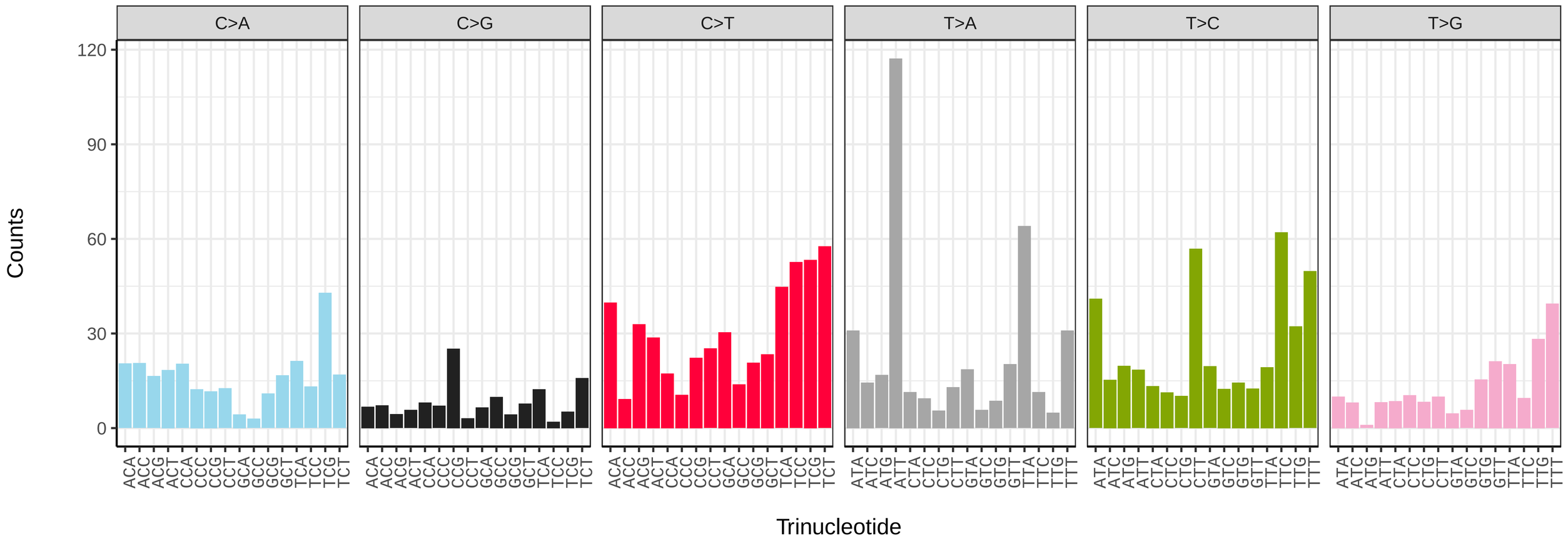
Cerceris rybyensis (iyCerRyby1) somatic mutational spectrum (SBS52 classification)



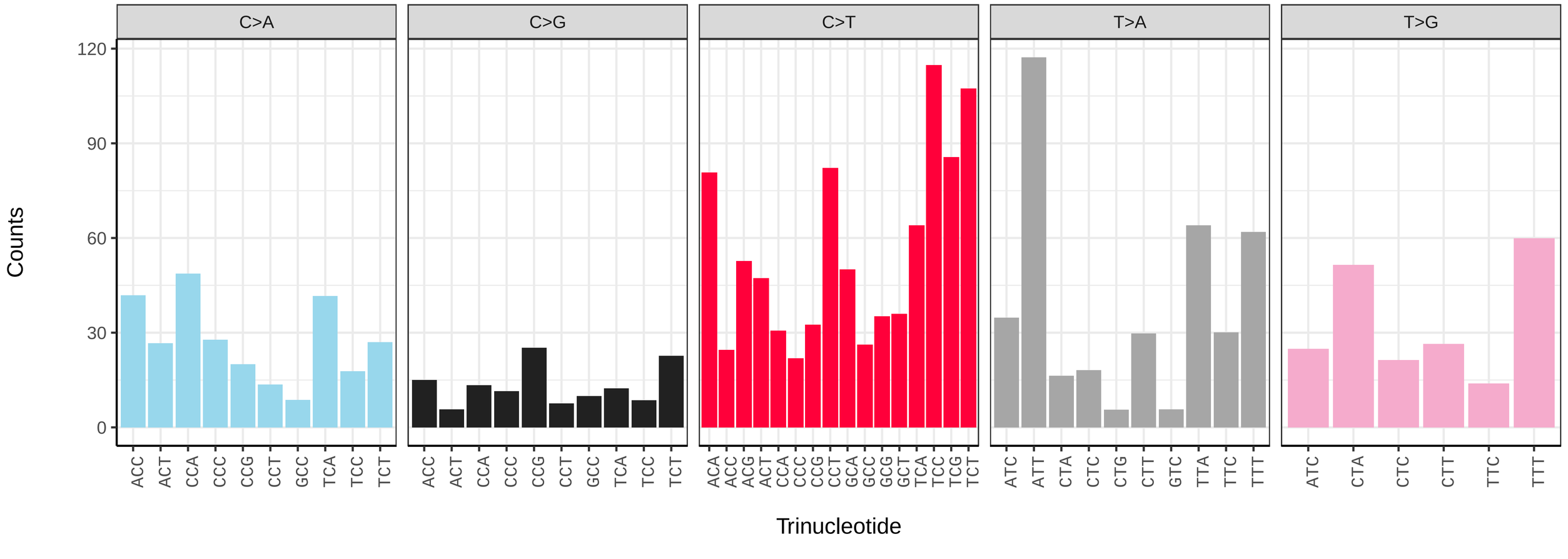
Clistopyga incitator (iyCliInci1) germline mutational spectrum



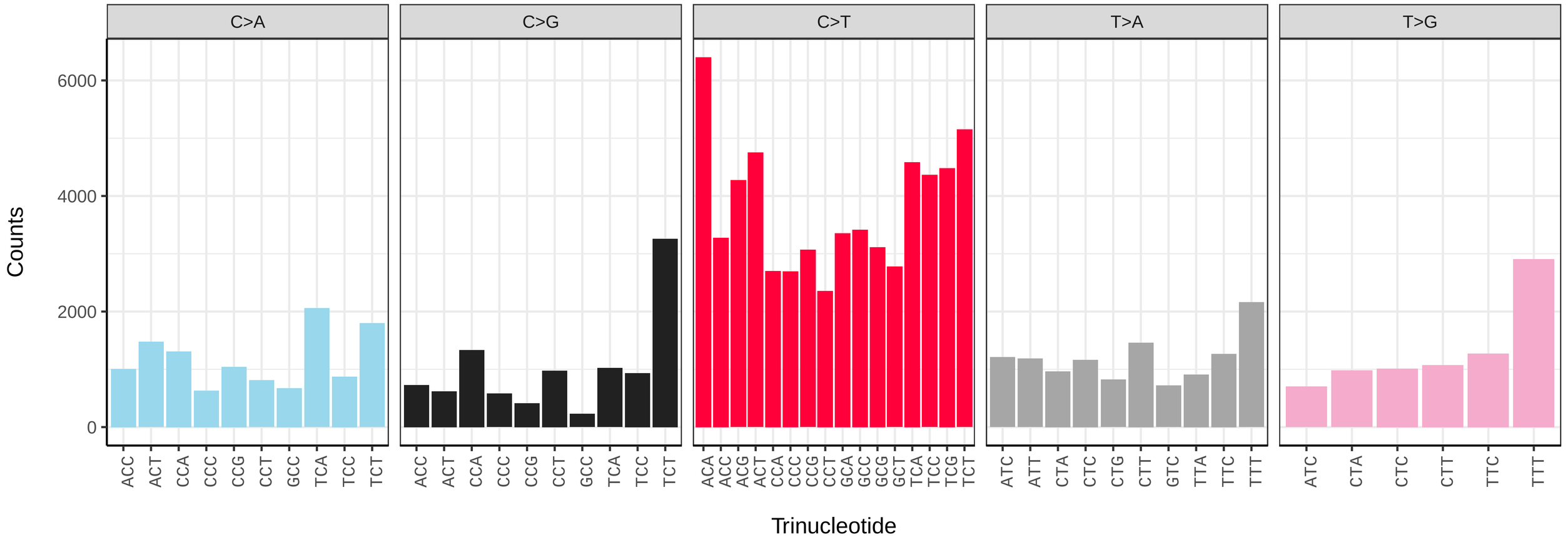
Clistopyga incitator (iyCliInci1) somatic mutational spectrum (SBS96 classification)



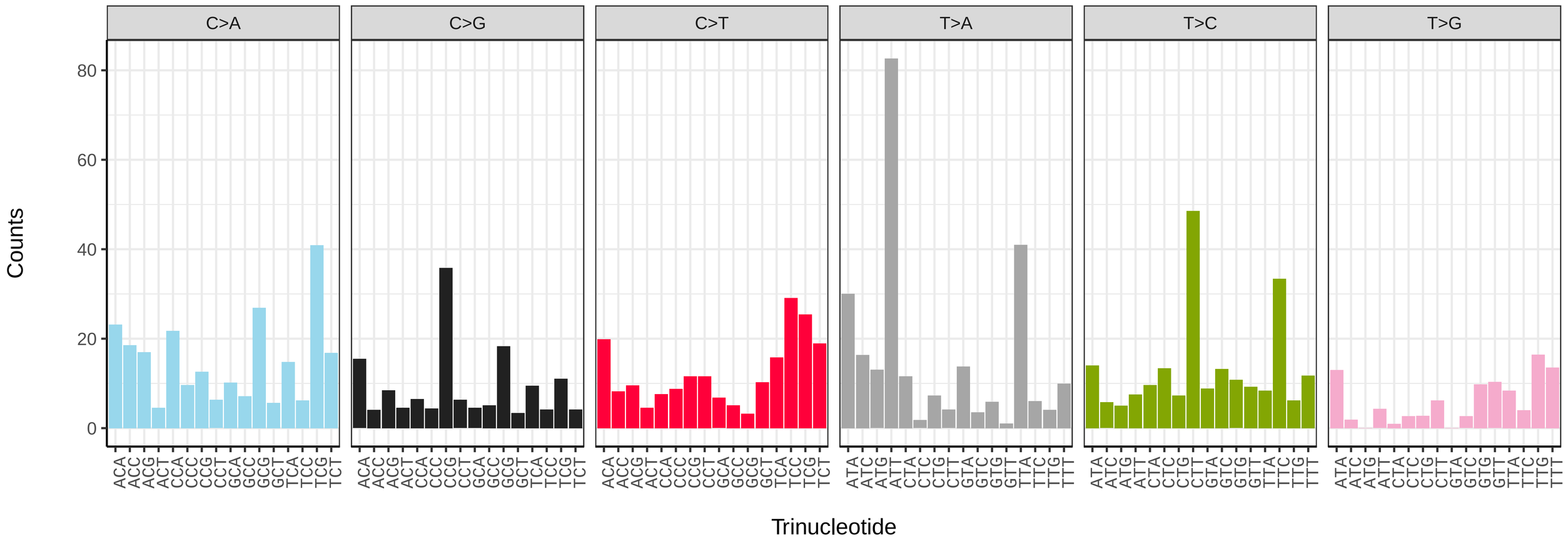
Clistopyga incitator (iyCliInci1) somatic mutational spectrum (SBS52 classification)



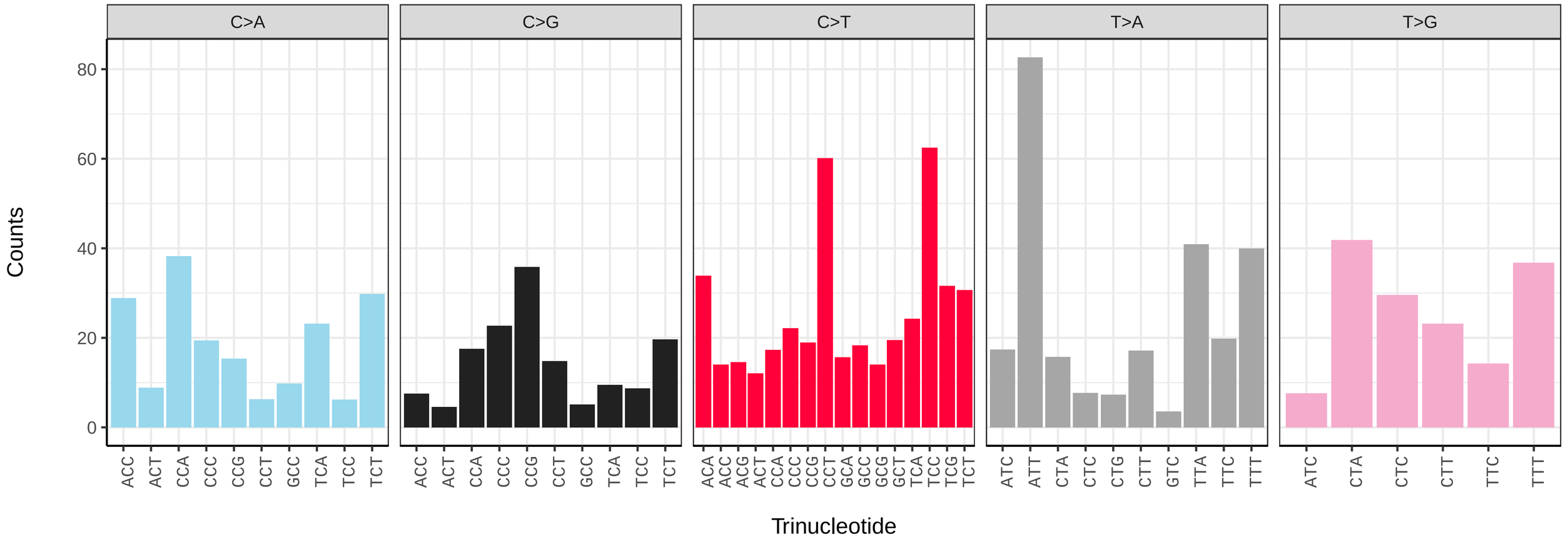
Coelioxys conoideus (iyCoeConi1) germline mutational spectrum



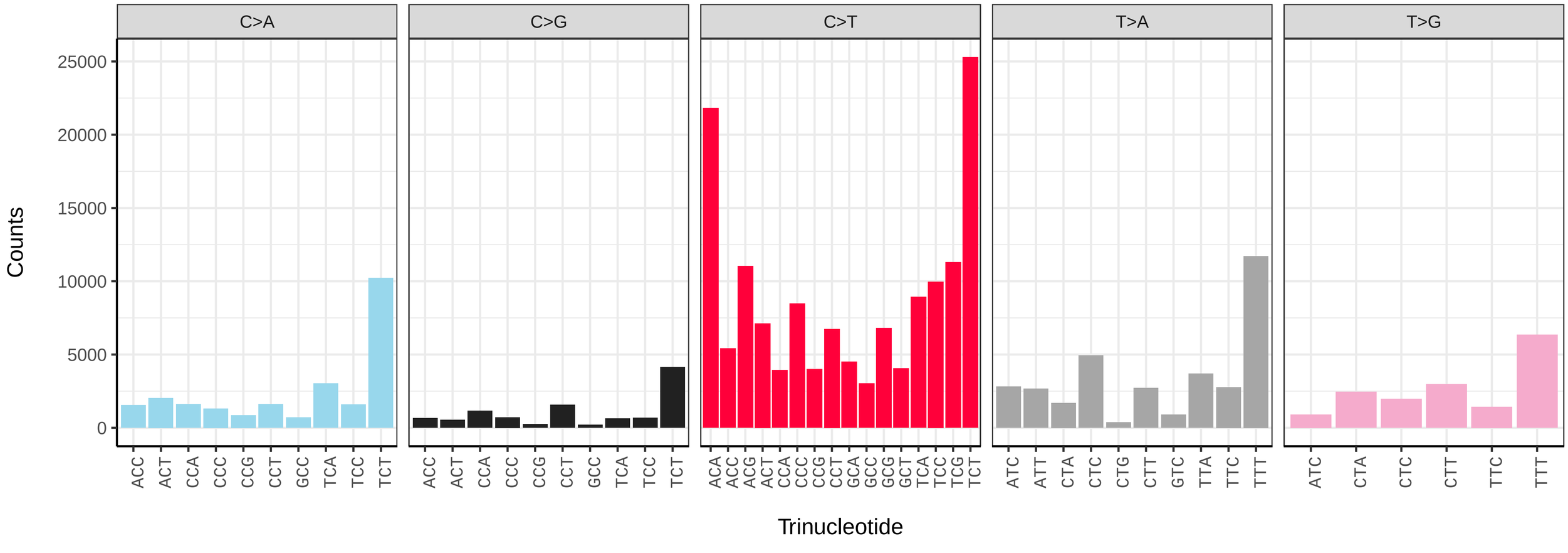
Coelioxys conoideus (iyCoeConi1) somatic mutational spectrum (SBS96 classification)



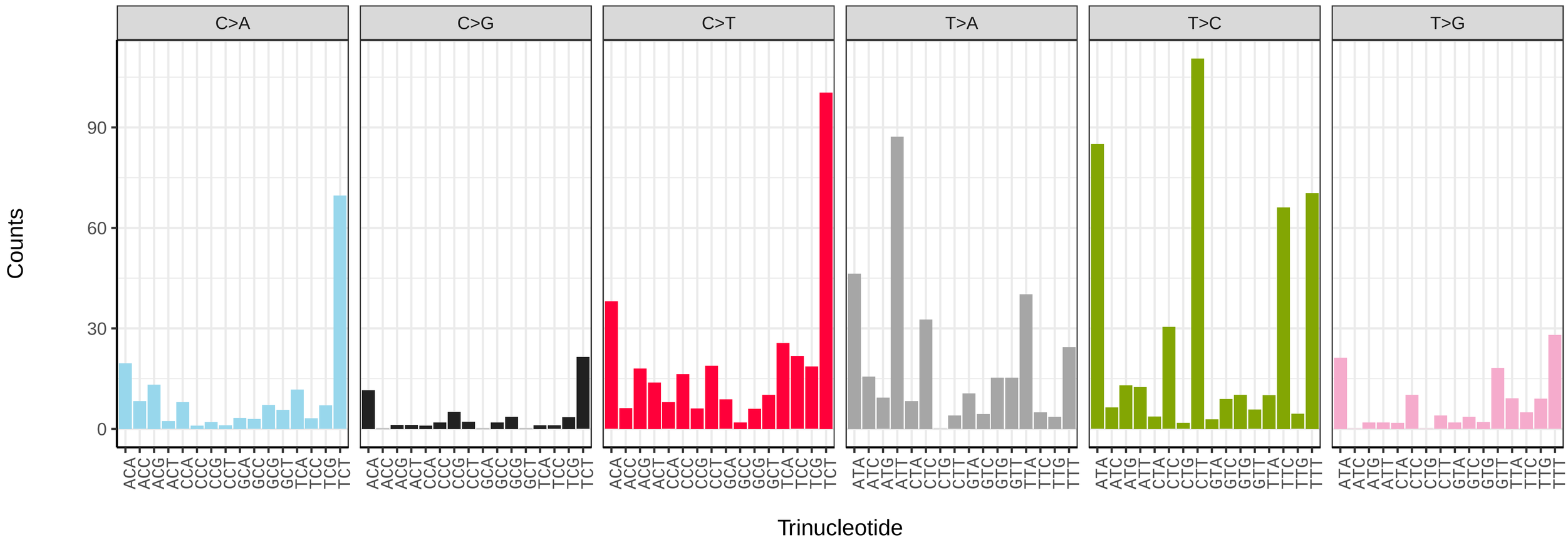
Coelioxys conoideus (iyCoeConi1) somatic mutational spectrum (SBS52 classification)



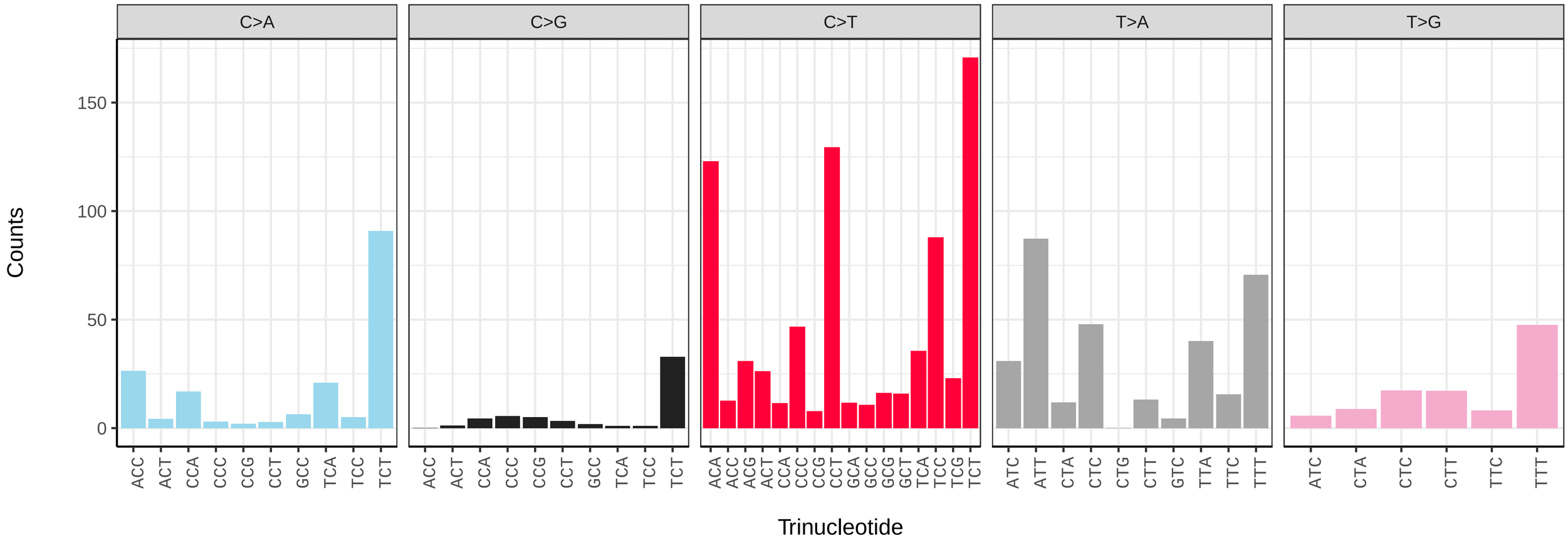
Dolichovespula media (iyDolMedi1) germline mutational spectrum



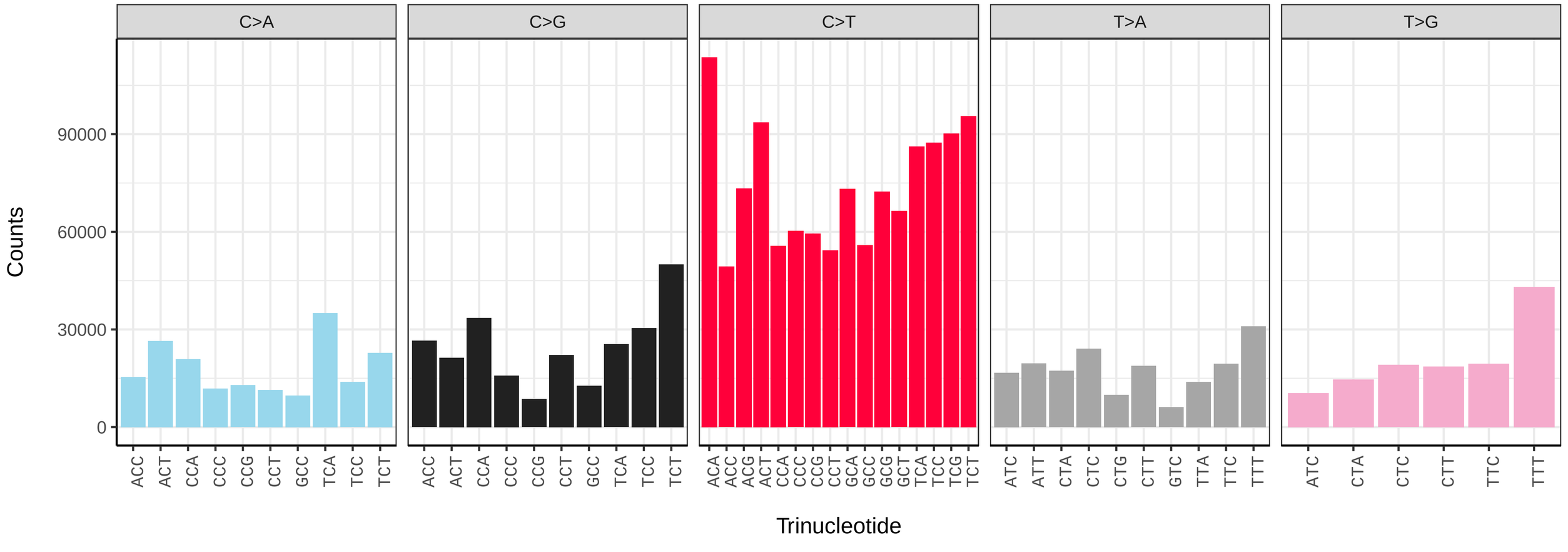
Dolichovespula media (iyDolMedi1) somatic mutational spectrum (SBS96 classification)



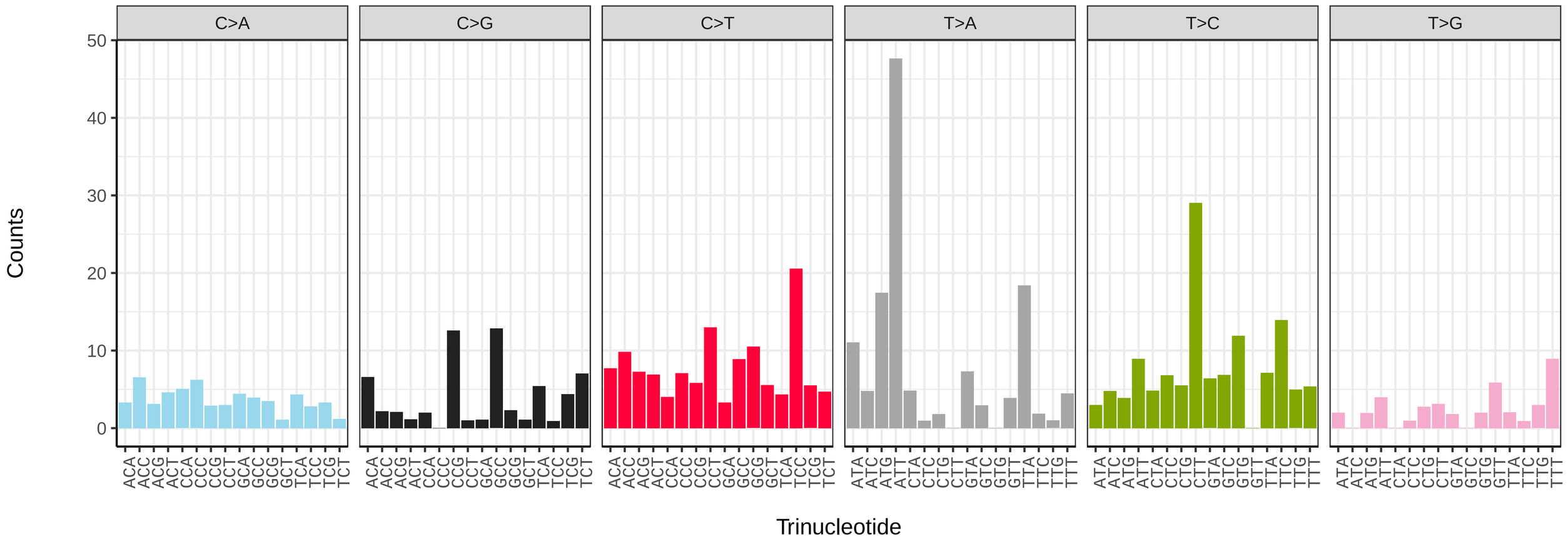
Dolichovespula media (iyDolMedi1) somatic mutational spectrum (SBS52 classification)



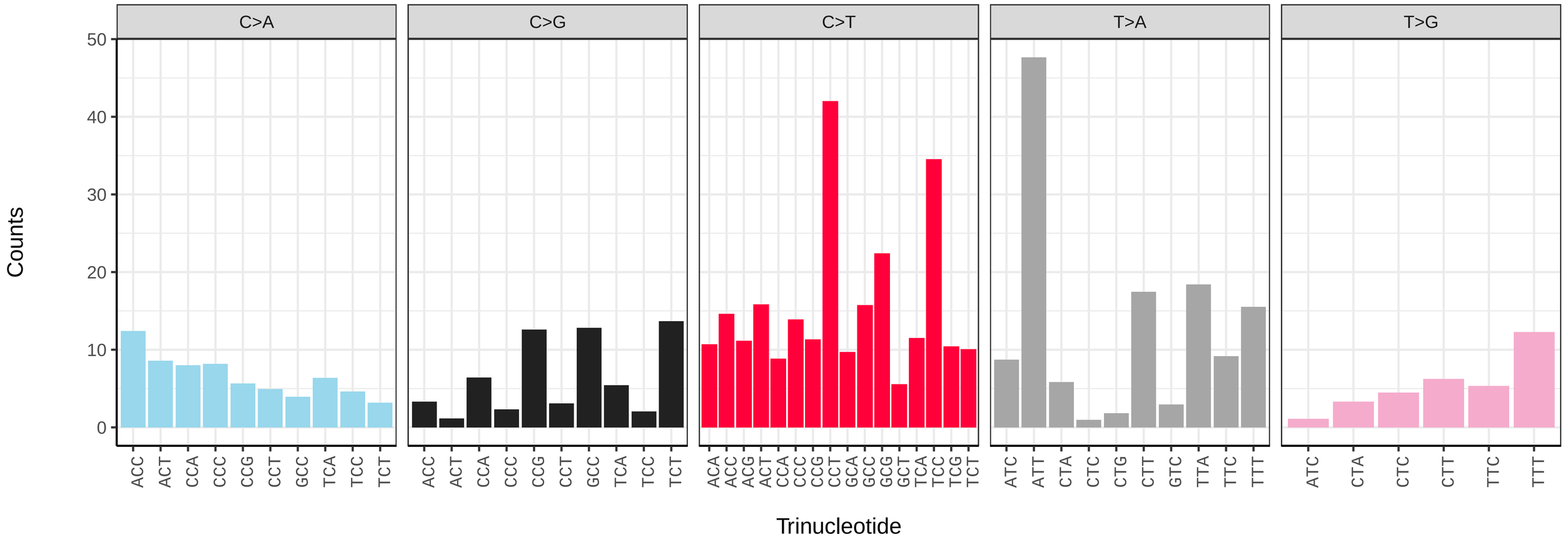
Ectemnius continuus (iyEctCont1) germline mutational spectrum



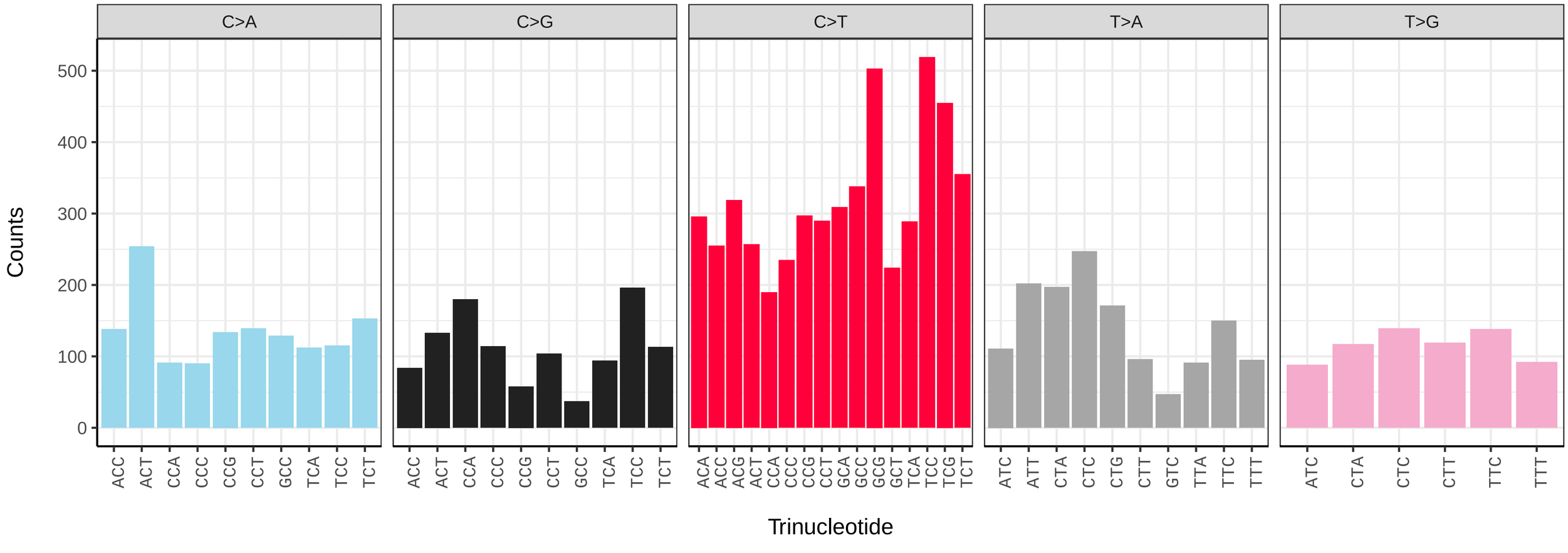
Ectemnius continuus (iyEctCont1) somatic mutational spectrum (SBS96 classification)



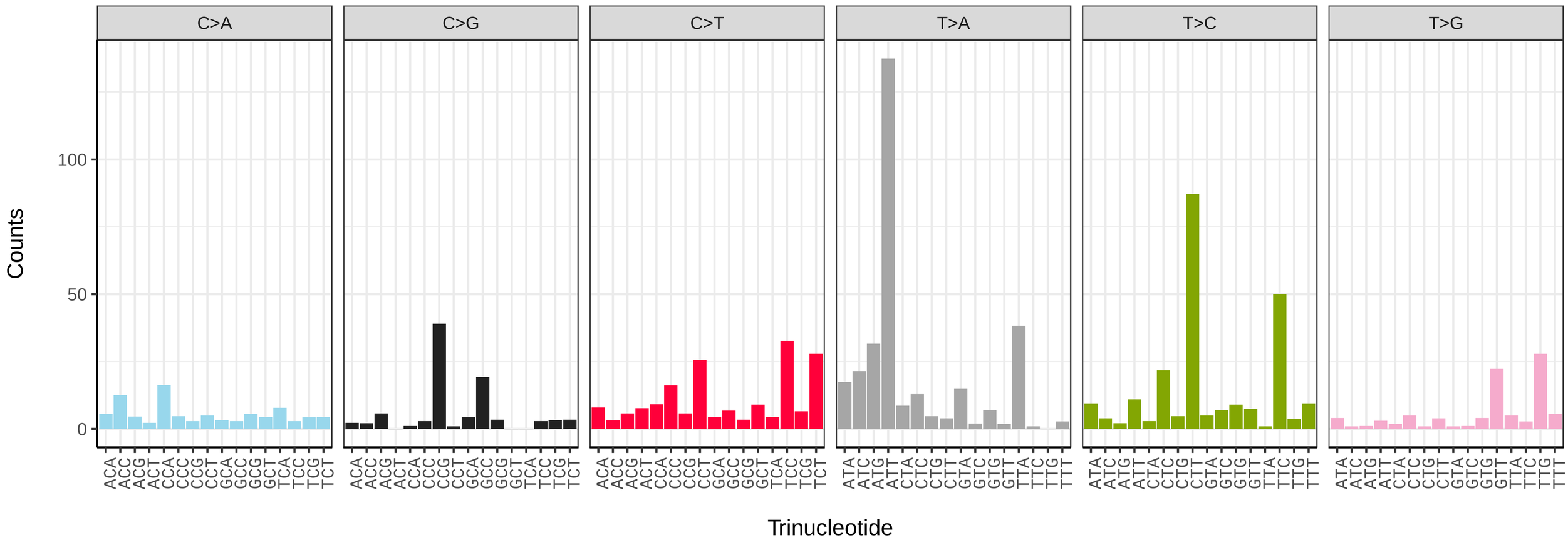
Ectemnius continuus (iyEctCont1) somatic mutational spectrum (SBS52 classification)



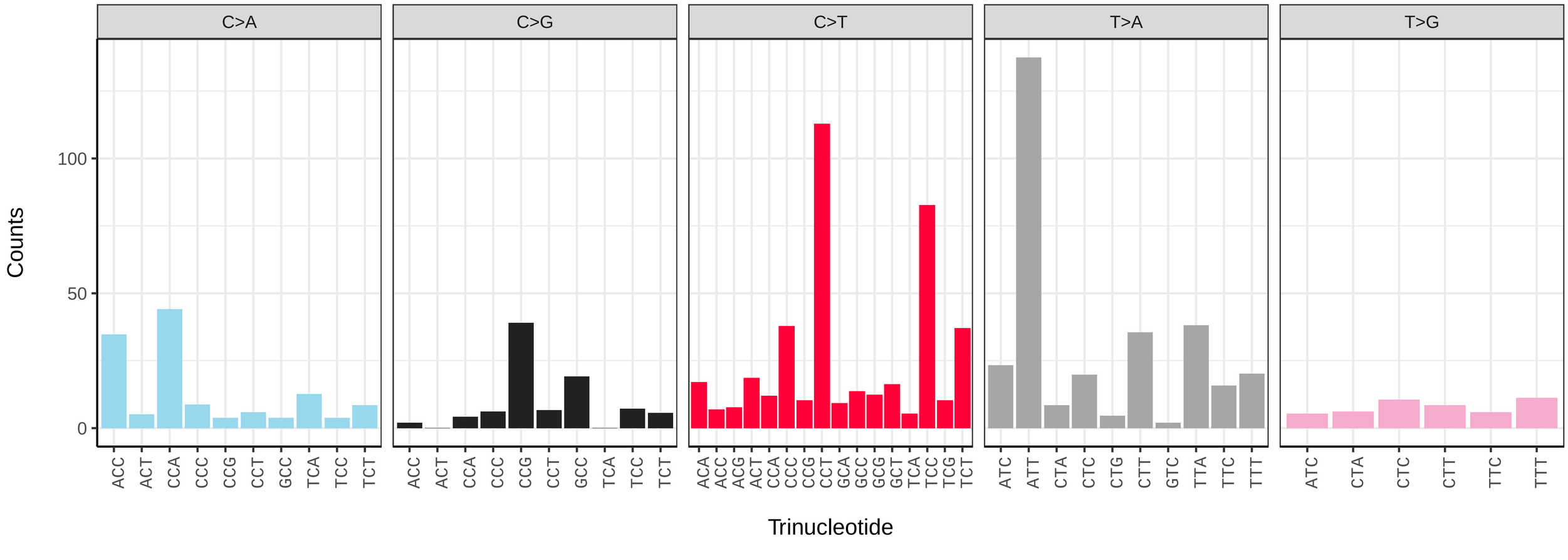
Ectemnius lituratus (iyEctLitu1) germline mutational spectrum



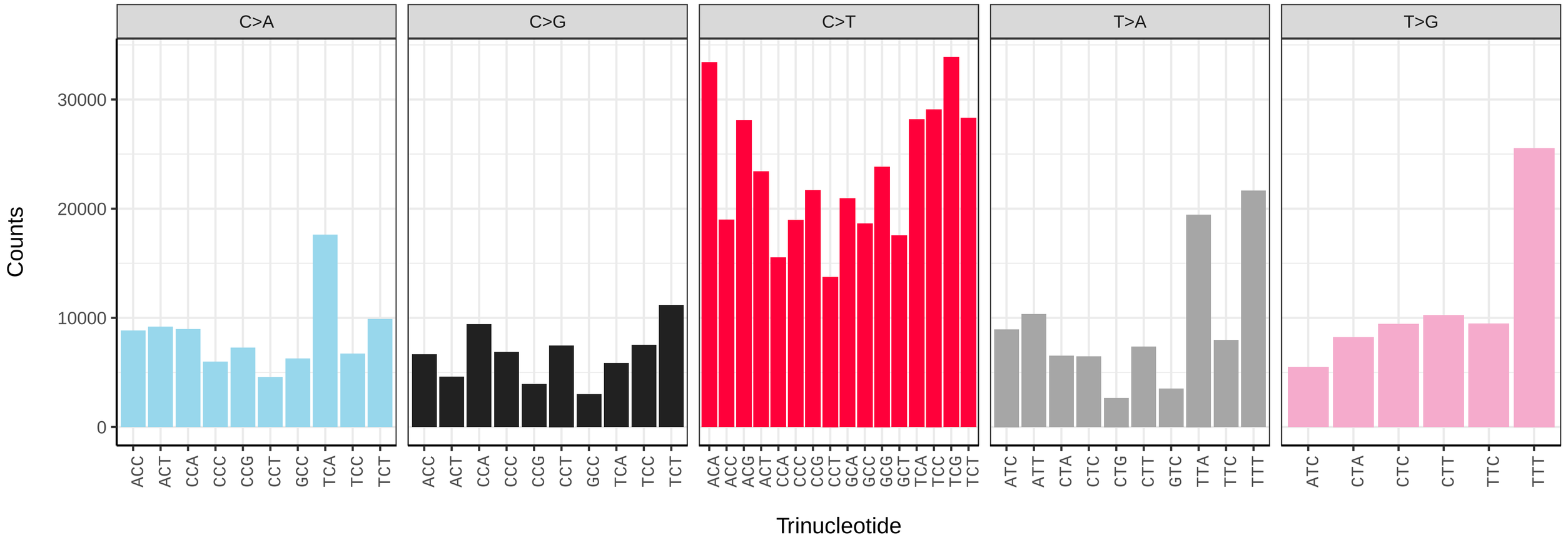
Ectemnius lituratus (iyEctLitu1) somatic mutational spectrum (SBS96 classification)



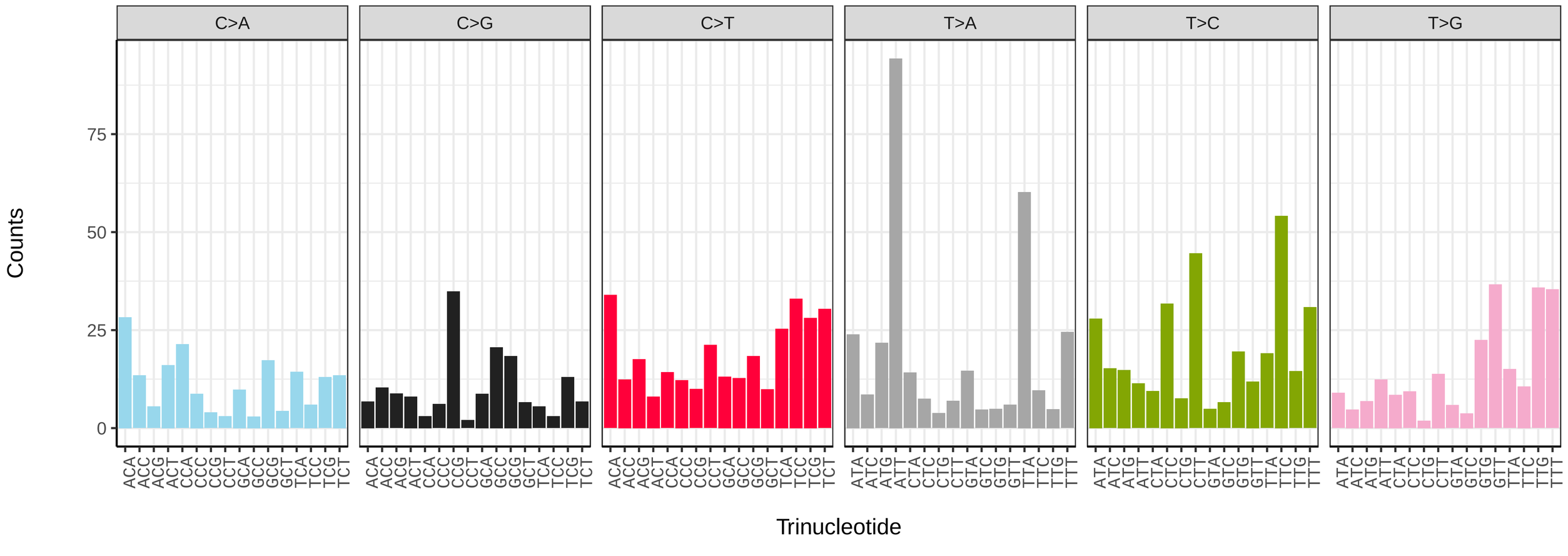
Ectemnius lituratus (iyEctLitu1) somatic mutational spectrum (SBS52 classification)



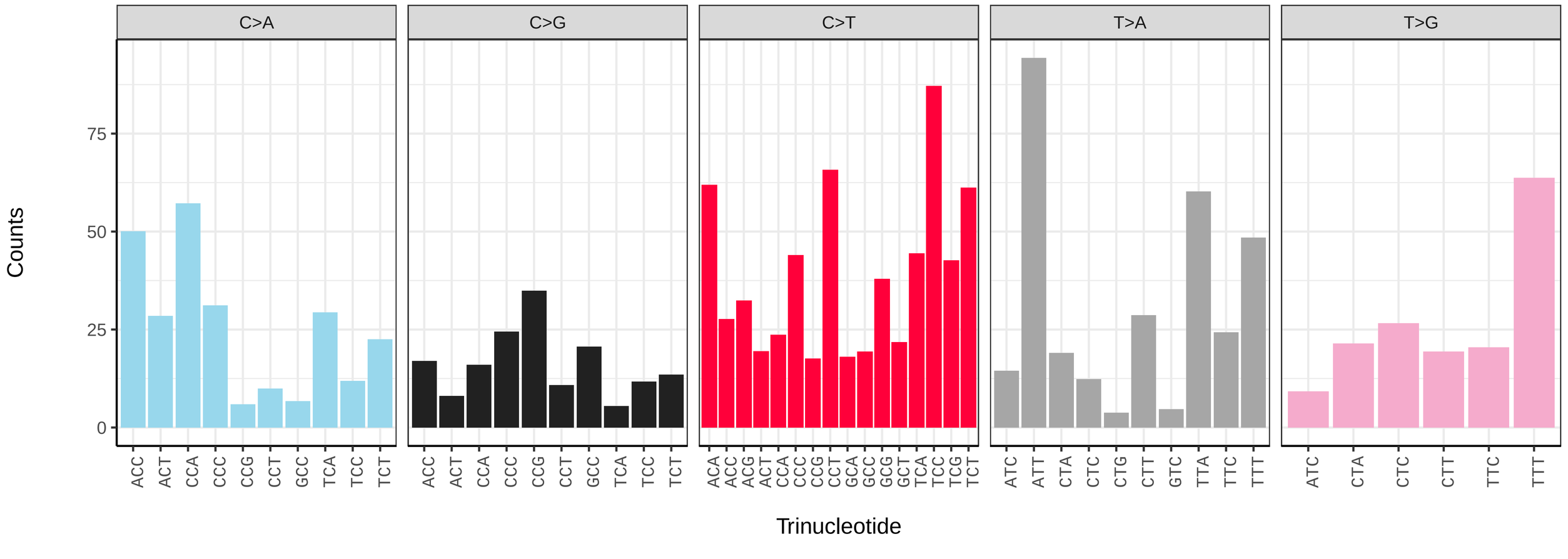
Ichneumon xanthorius (iyIchXant1) germline mutational spectrum



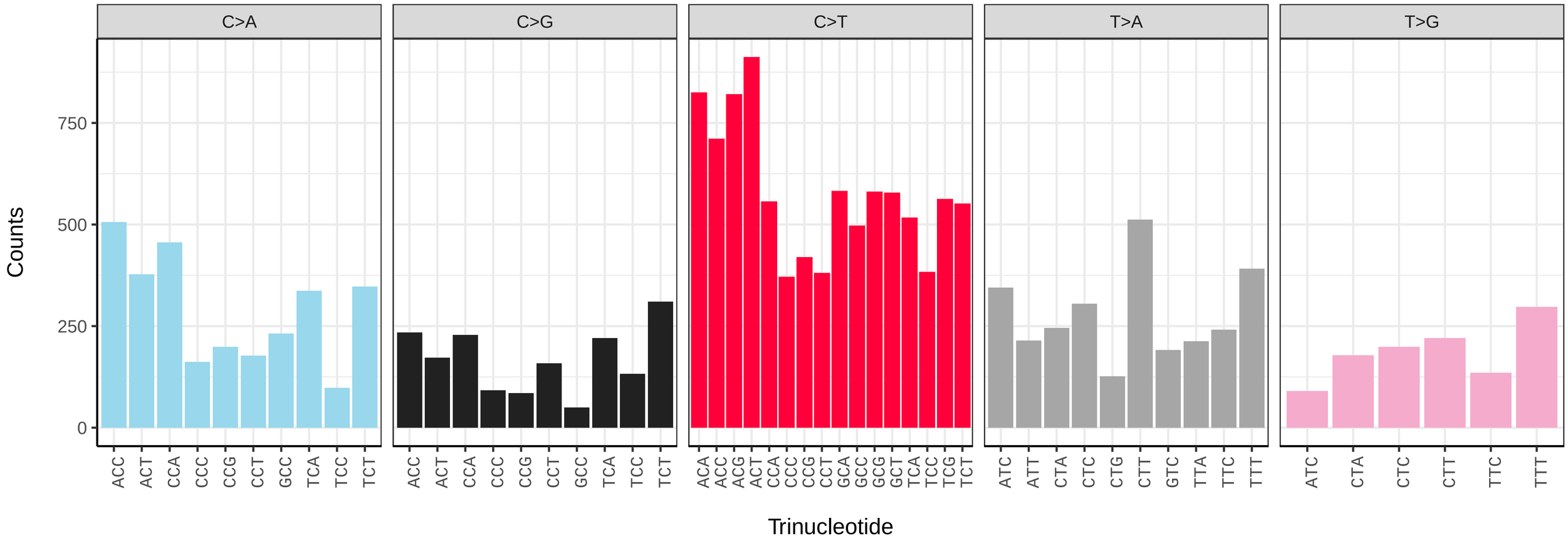
Ichneumon xanthorius (iyIchXant1) somatic mutational spectrum (SBS96 classification)



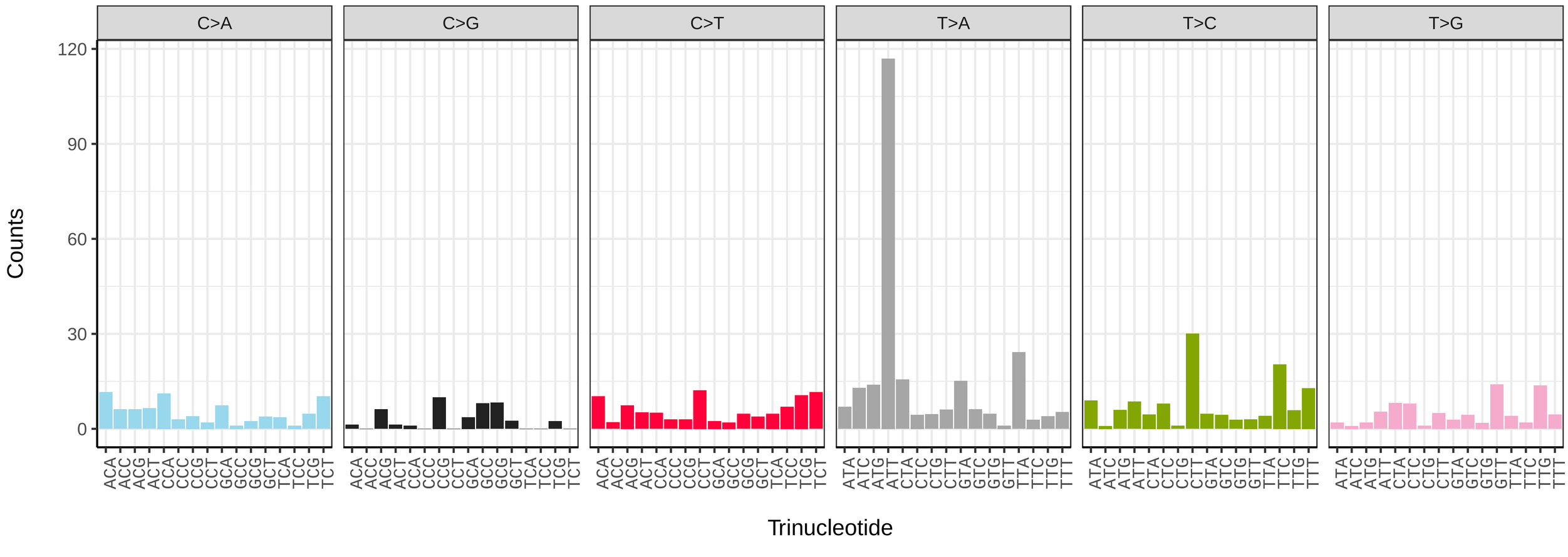
Ichneumon xanthorius (iyIchXant1) somatic mutational spectrum (SBS52 classification)



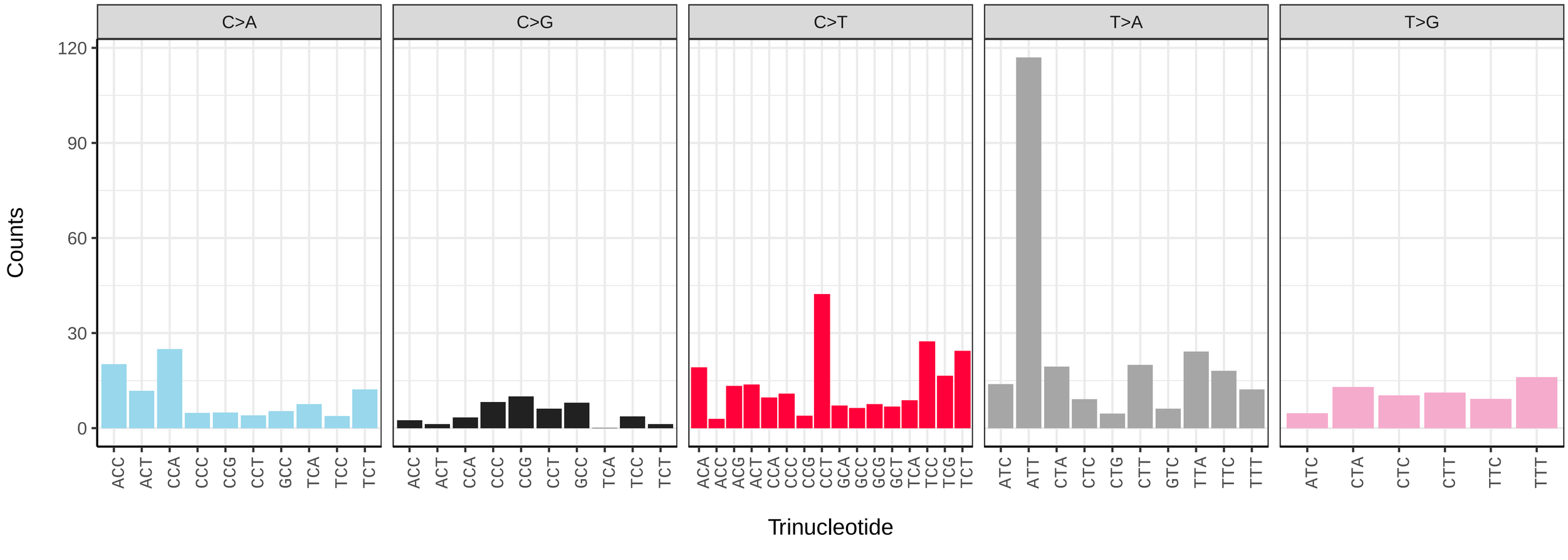
Lasioglossum lativentre (iyLasLatv2) germline mutational spectrum



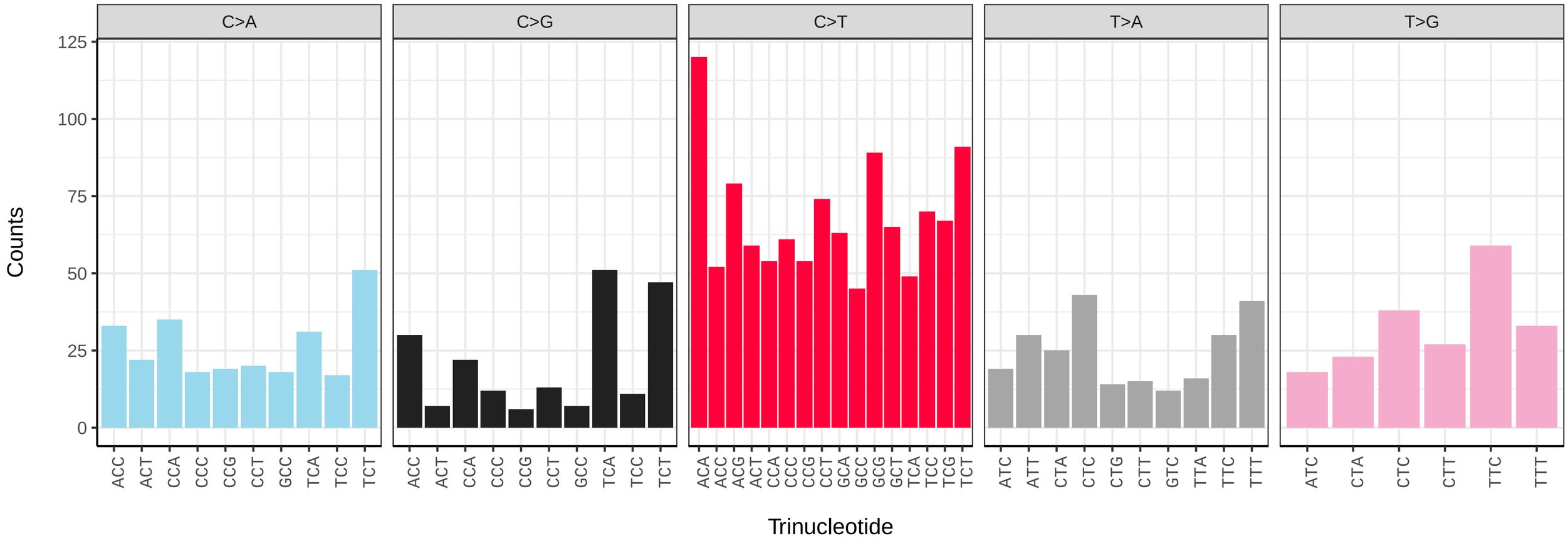
Lasioglossum lativentre (iyLasLatv2) somatic mutational spectrum (SBS96 classification)



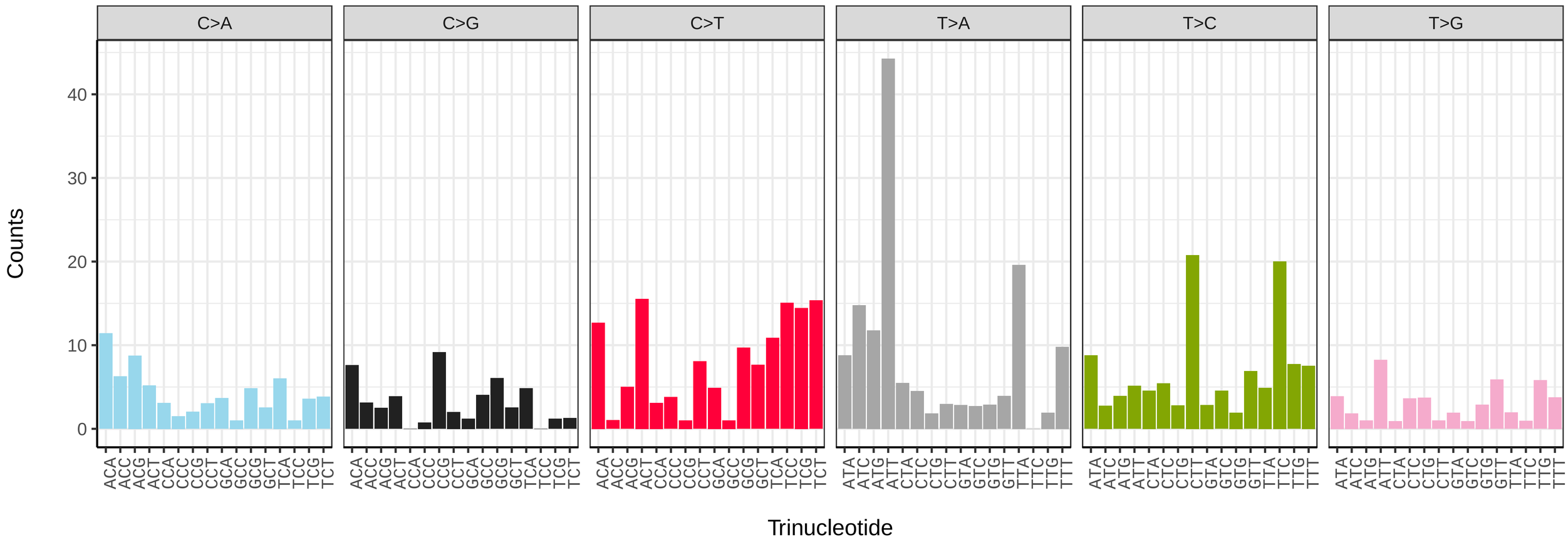
Lasioglossum lativentre (iyLasLatv2) somatic mutational spectrum (SBS52 classification)



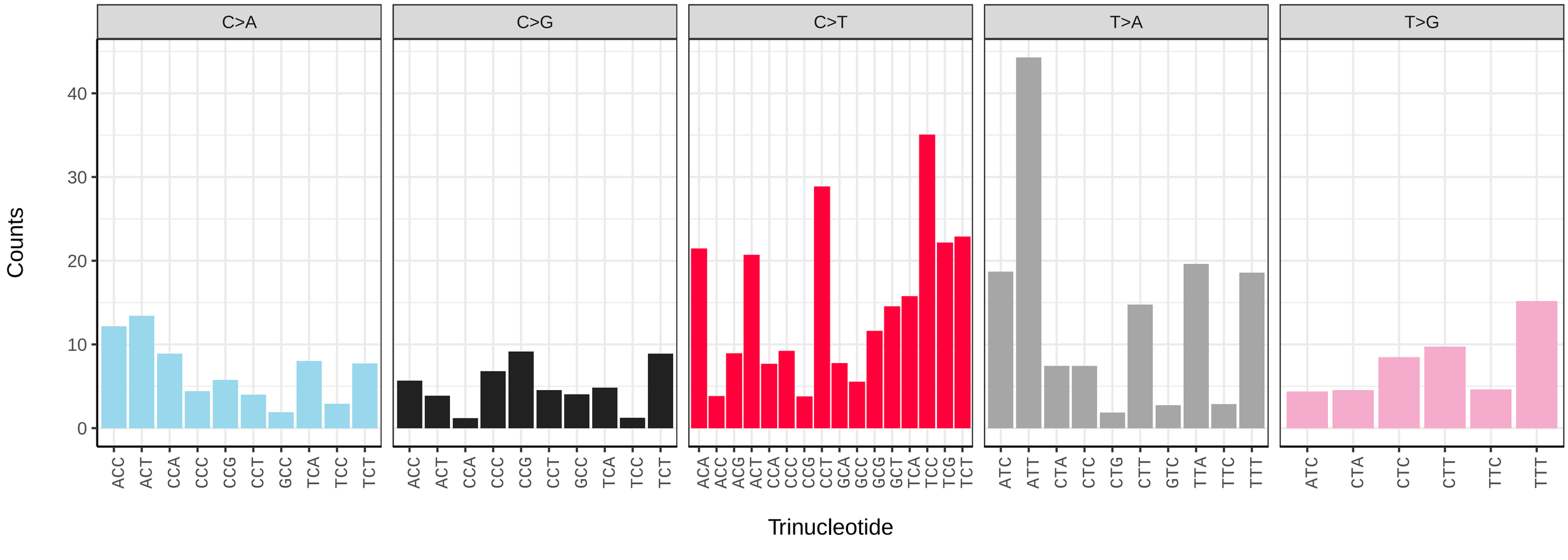
Lasioglossum morio (iyLasMori1) germline mutational spectrum



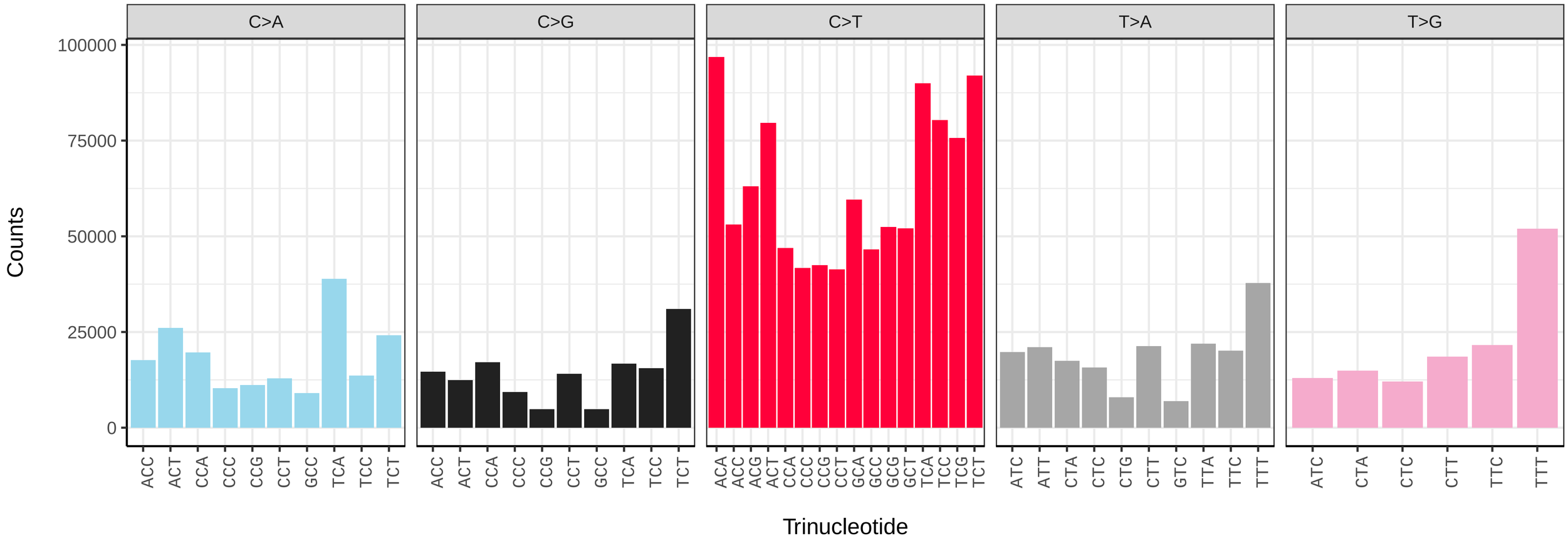
Lasioglossum morio (iyLasMori1) somatic mutational spectrum (SBS96 classification)



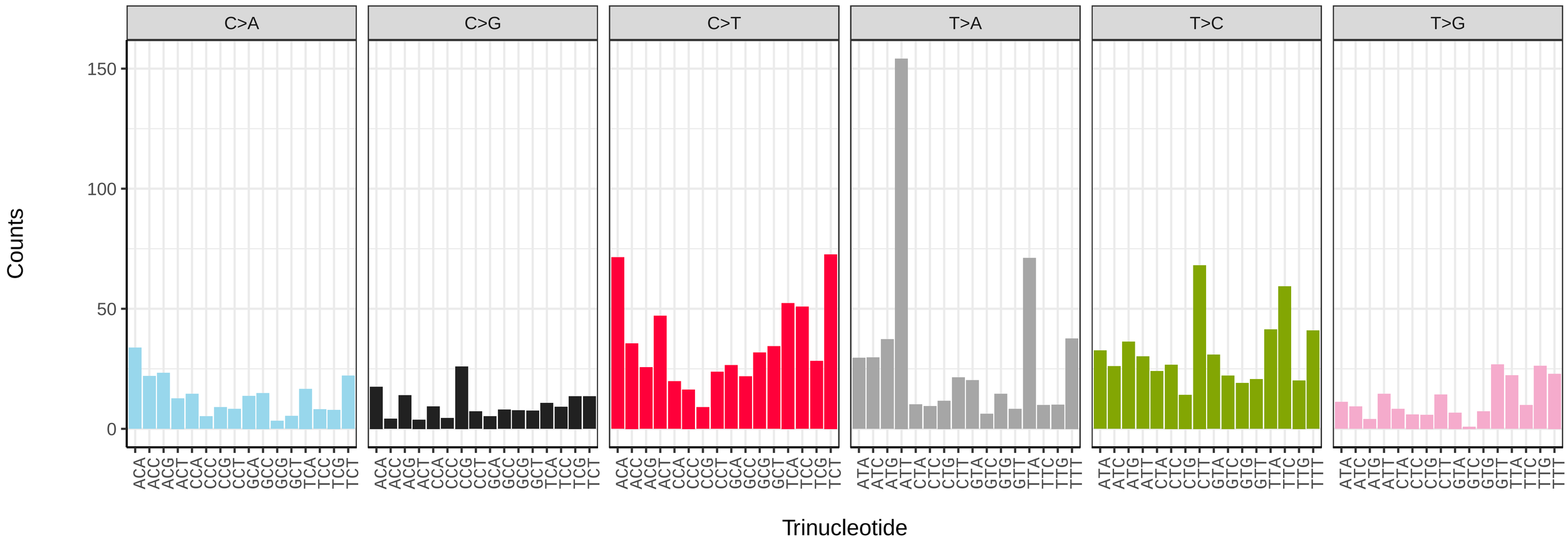
Lasioglossum morio (iyLasMori1) somatic mutational spectrum (SBS52 classification)



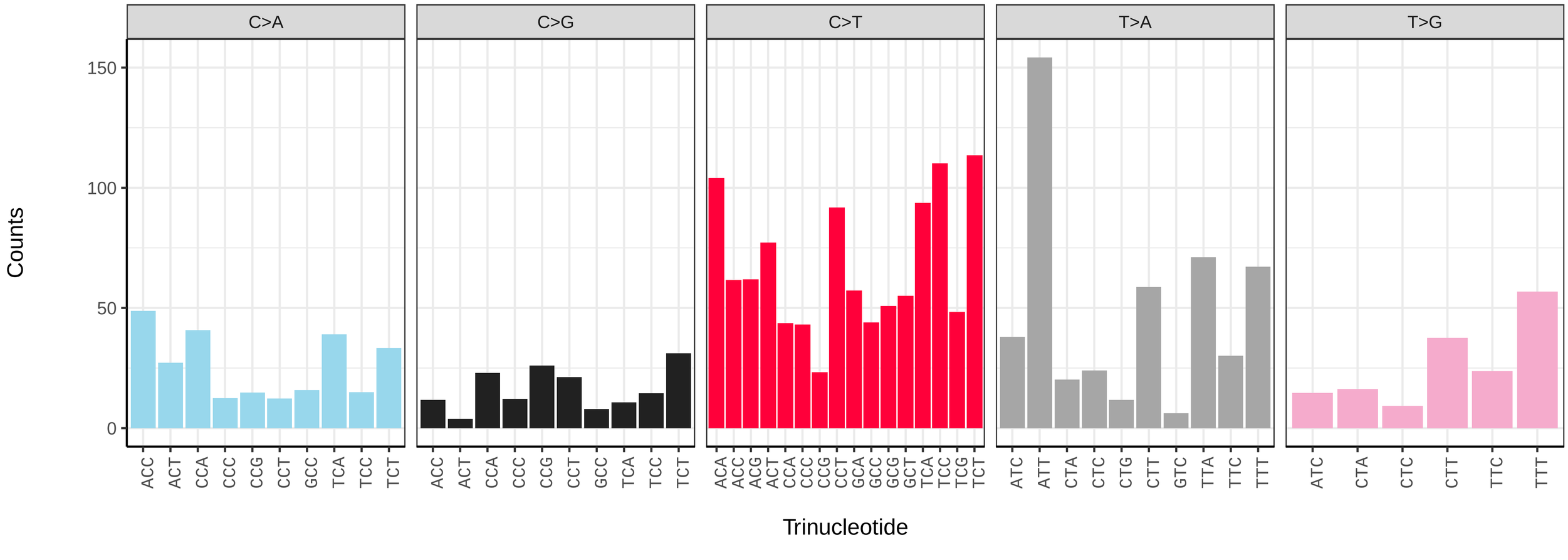
Lasioglossum pauxillum (iyLasPaux1) germline mutational spectrum



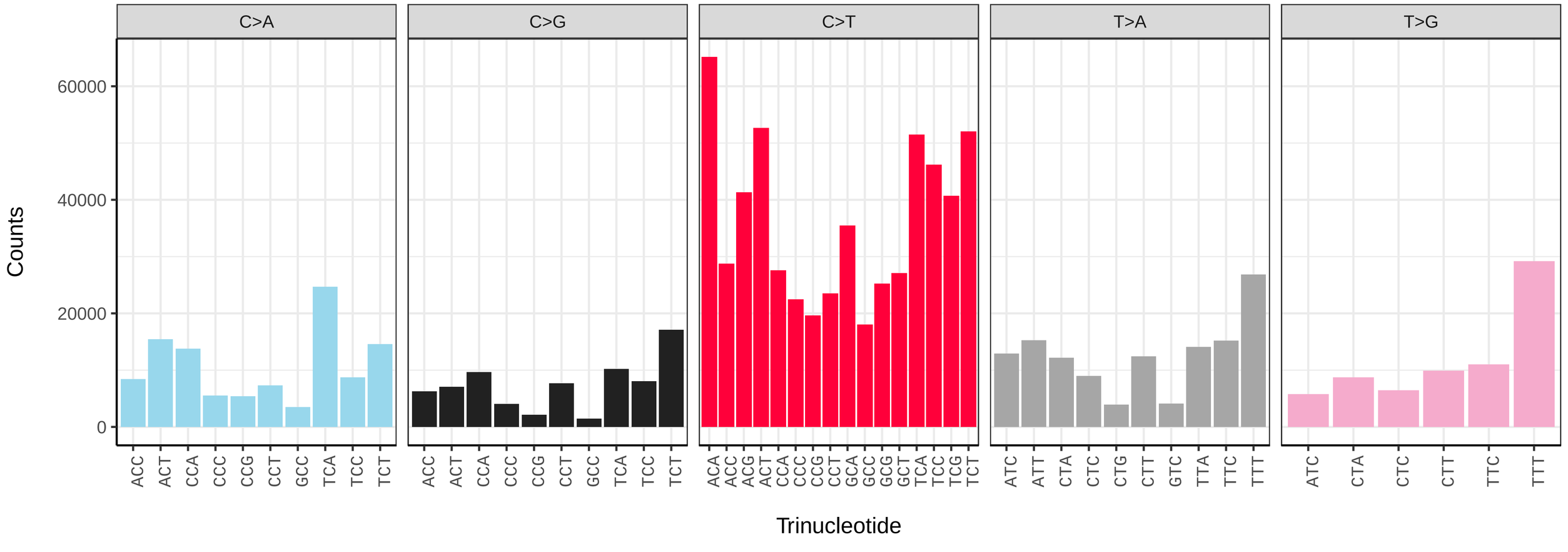
Lasioglossum pauxillum (iyLasPaux1) somatic mutational spectrum (SBS96 classification)



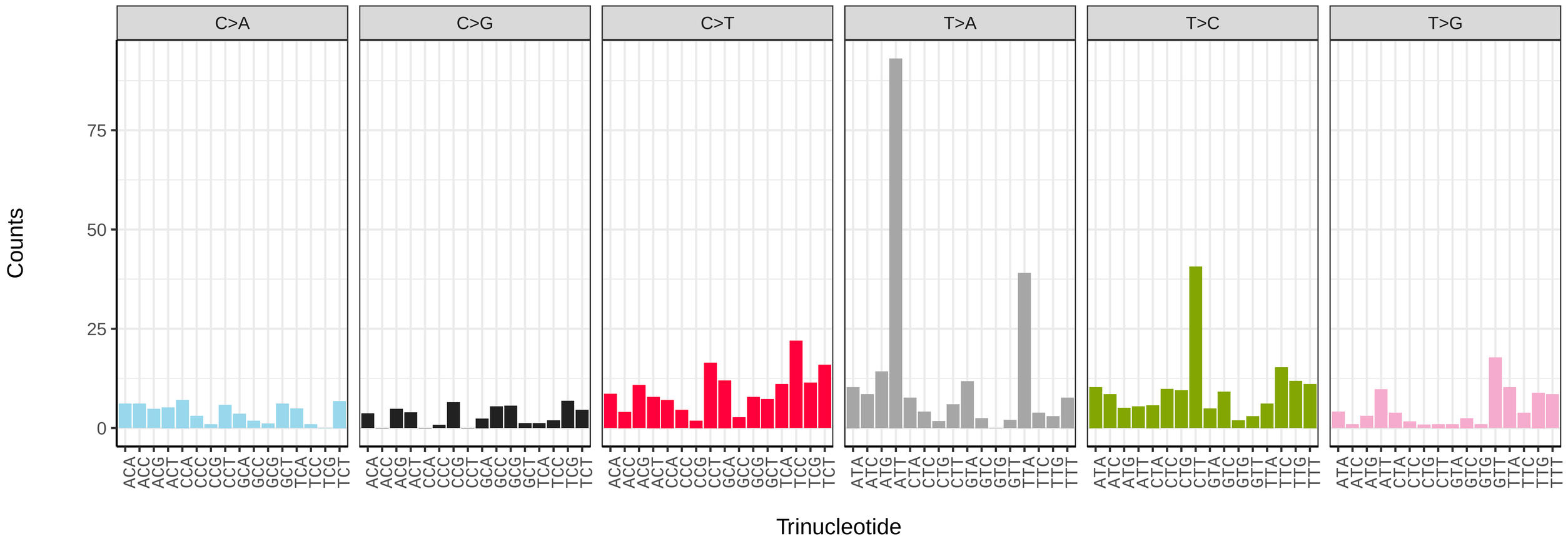
Lasioglossum pauxillum (iyLasPaux1) somatic mutational spectrum (SBS52 classification)



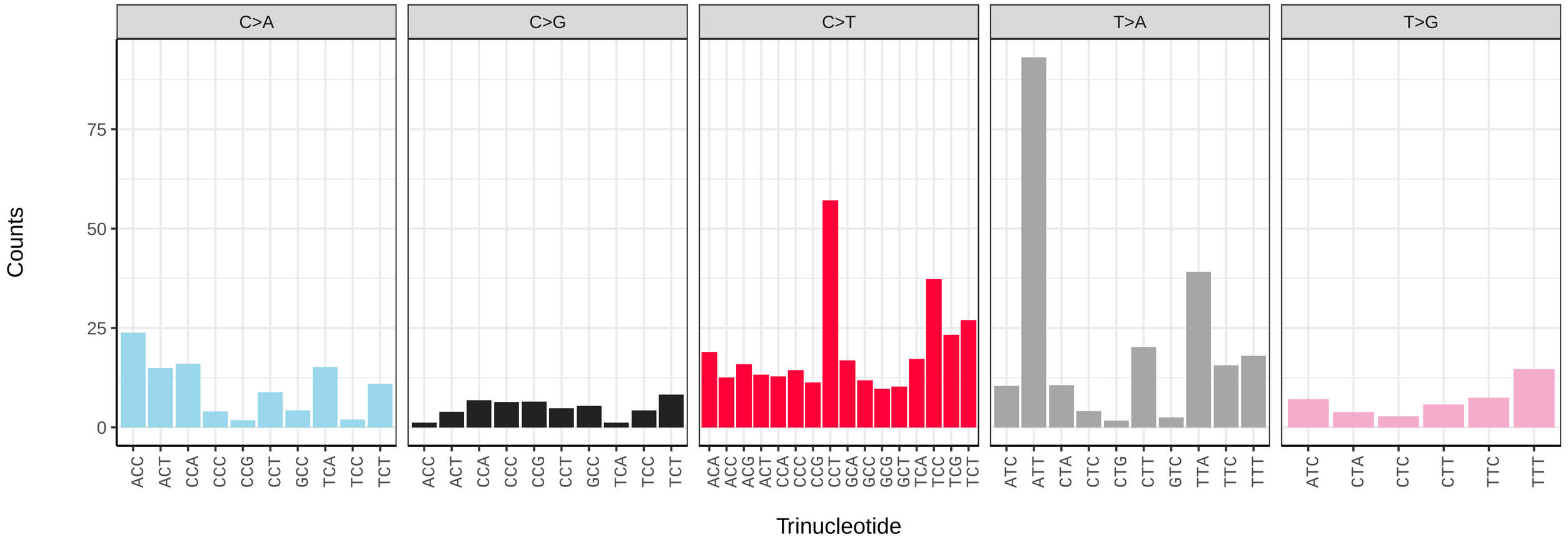
Megachile ligniseca (iyMegLign1) germline mutational spectrum



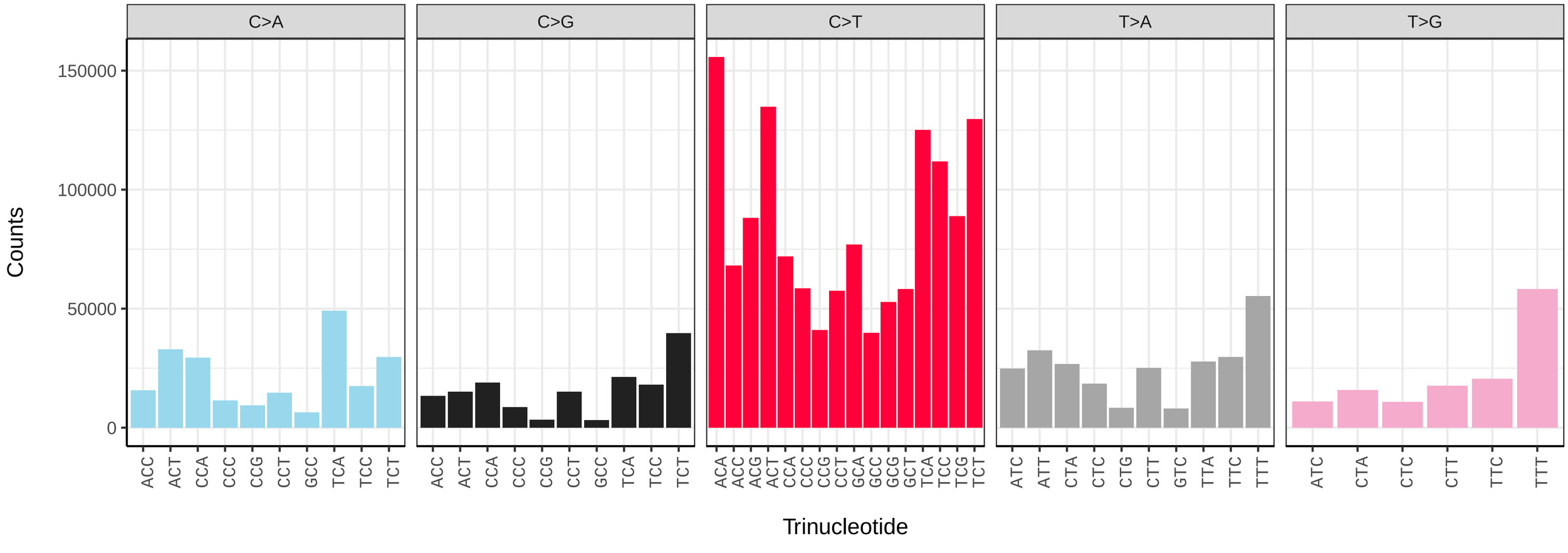
Megachile ligniseca (iyMegLign1) somatic mutational spectrum (SBS96 classification)



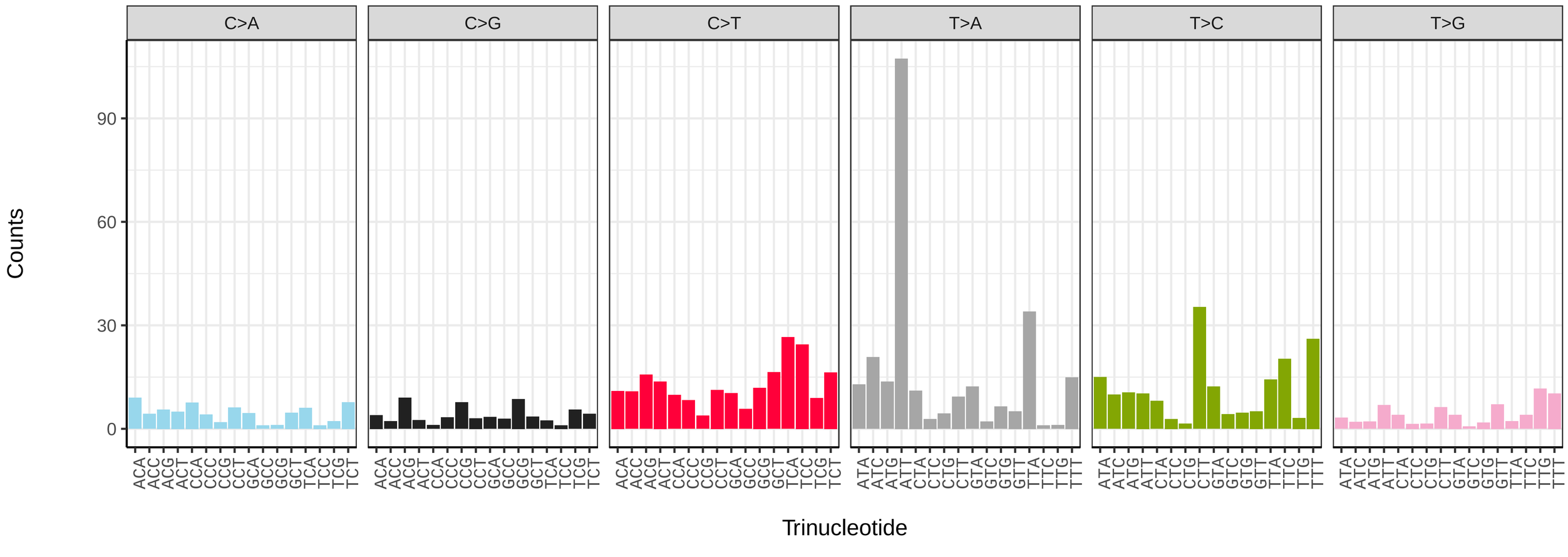
Megachile ligniseca (iyMegLign1) somatic mutational spectrum (SBS52 classification)



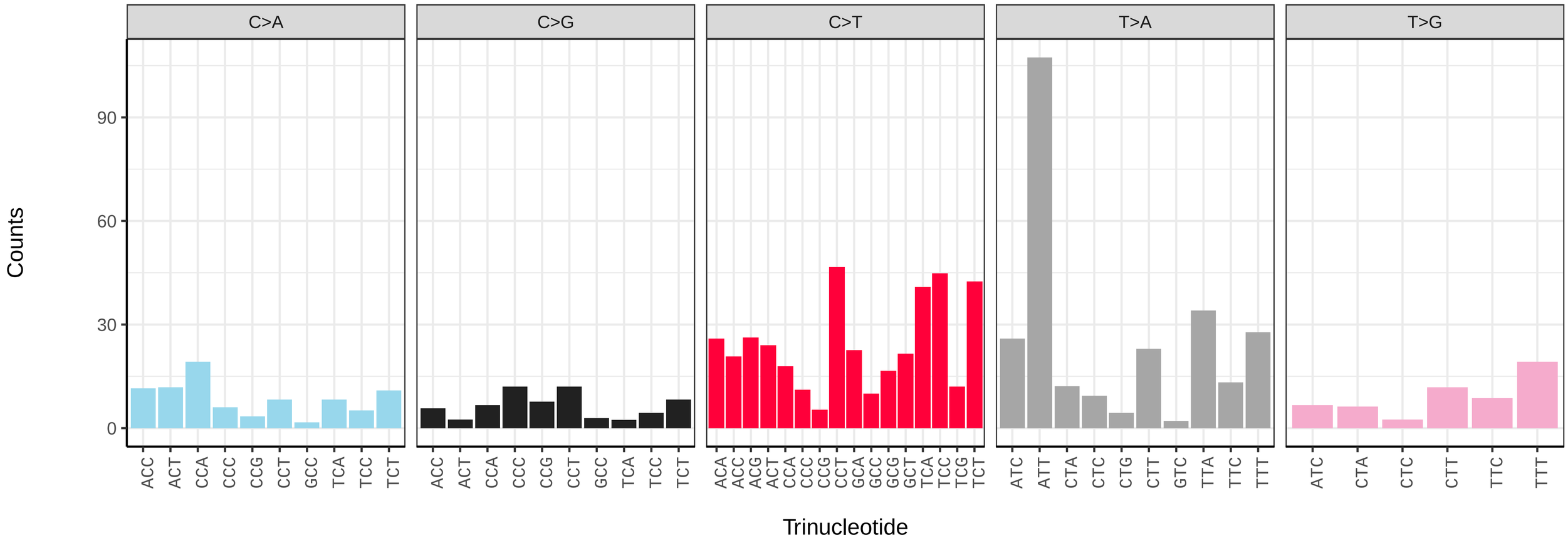
Megachile willughbiella (iyMegWill1) germline mutational spectrum



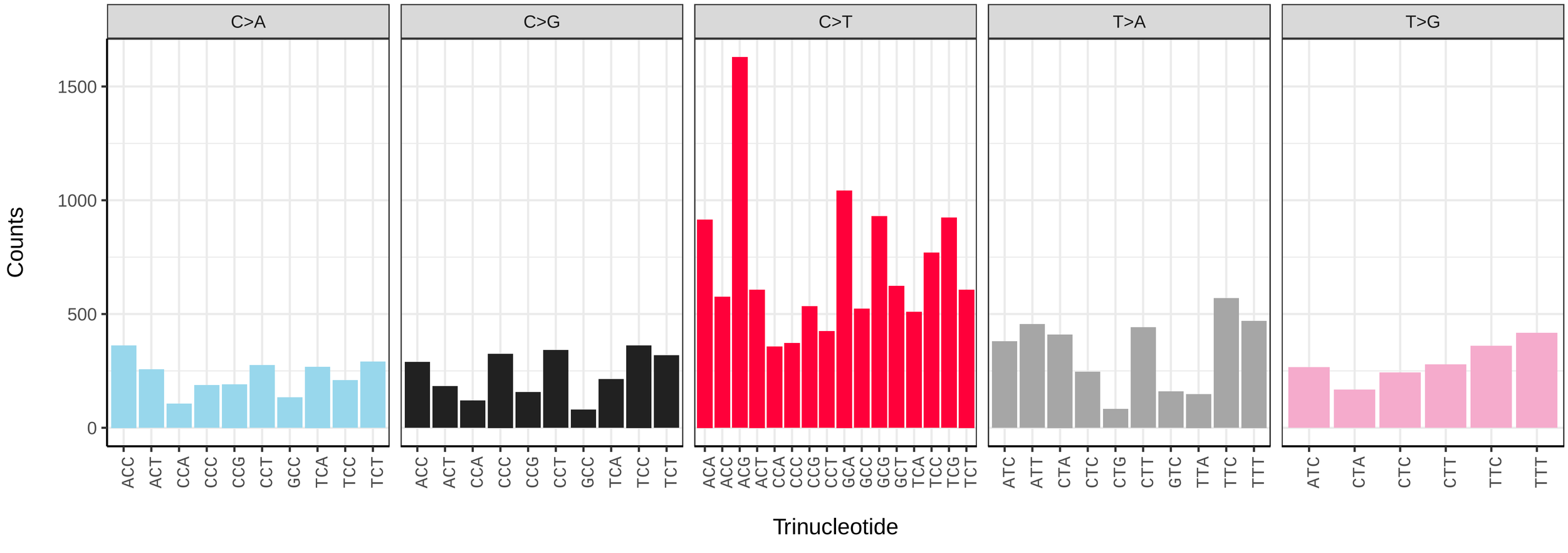
Megachile willughbiella (iyMegWill1) somatic mutational spectrum (SBS96 classification)



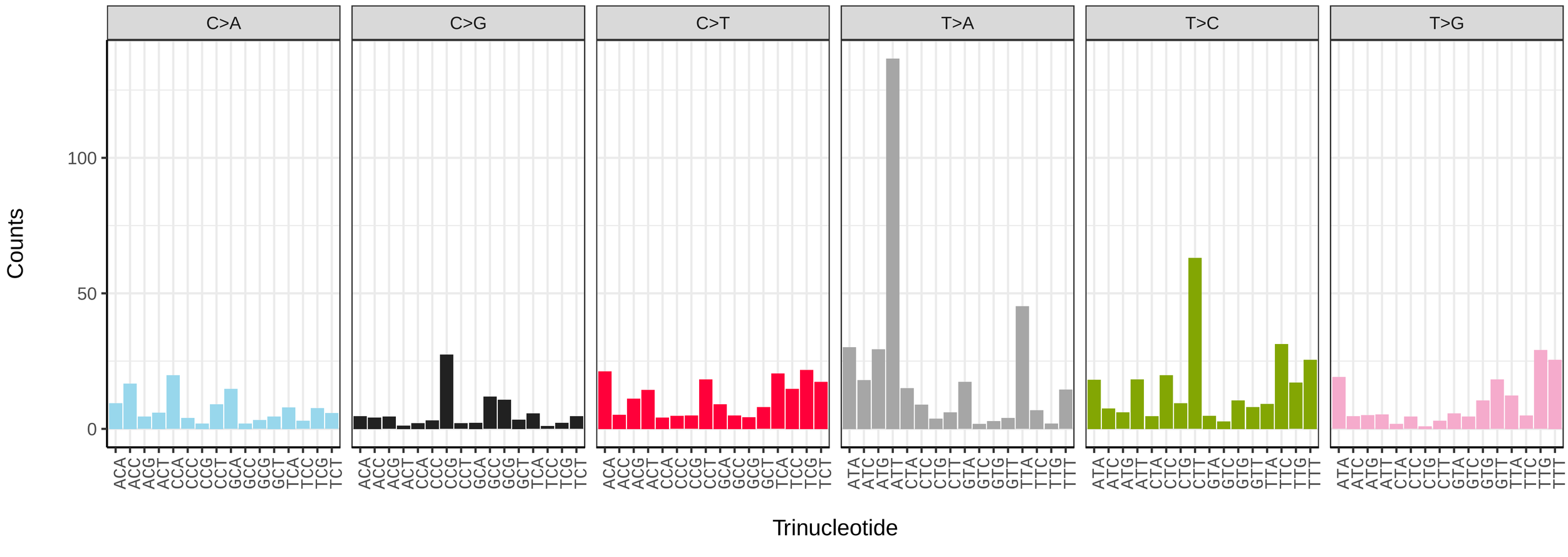
Megachile willughbiella (iyMegWill1) somatic mutational spectrum (SBS52 classification)



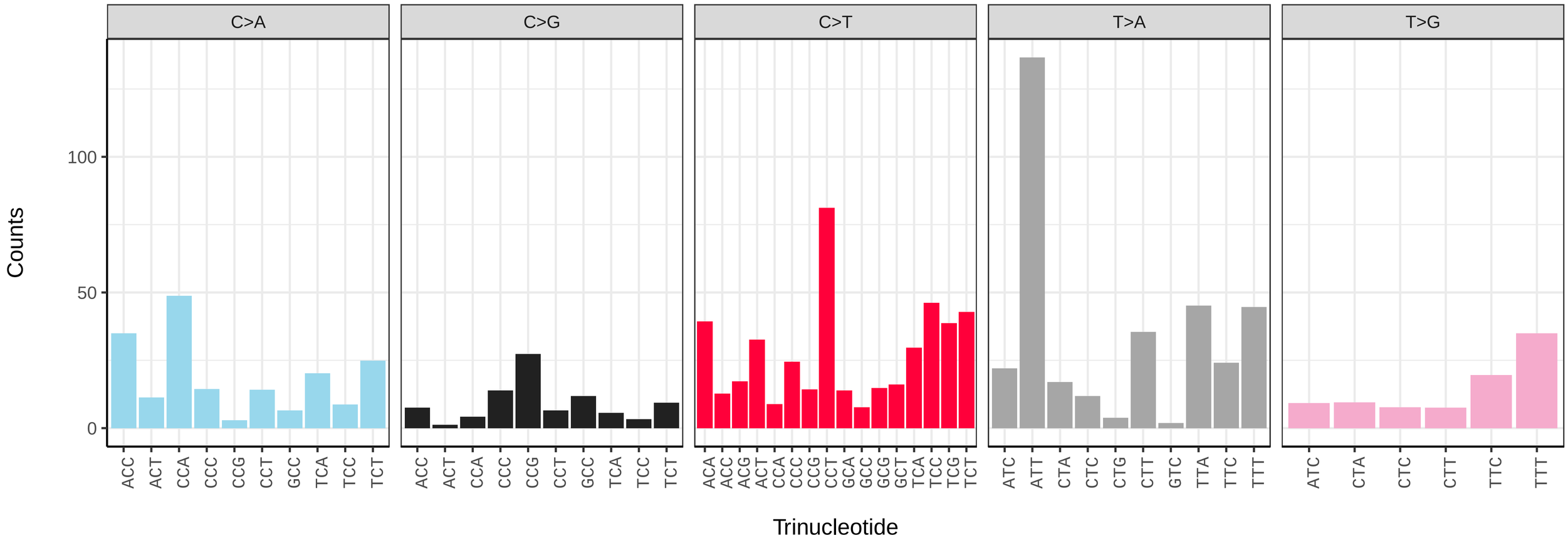
Mimumesa dahlbomi (iyMimDahl1) germline mutational spectrum



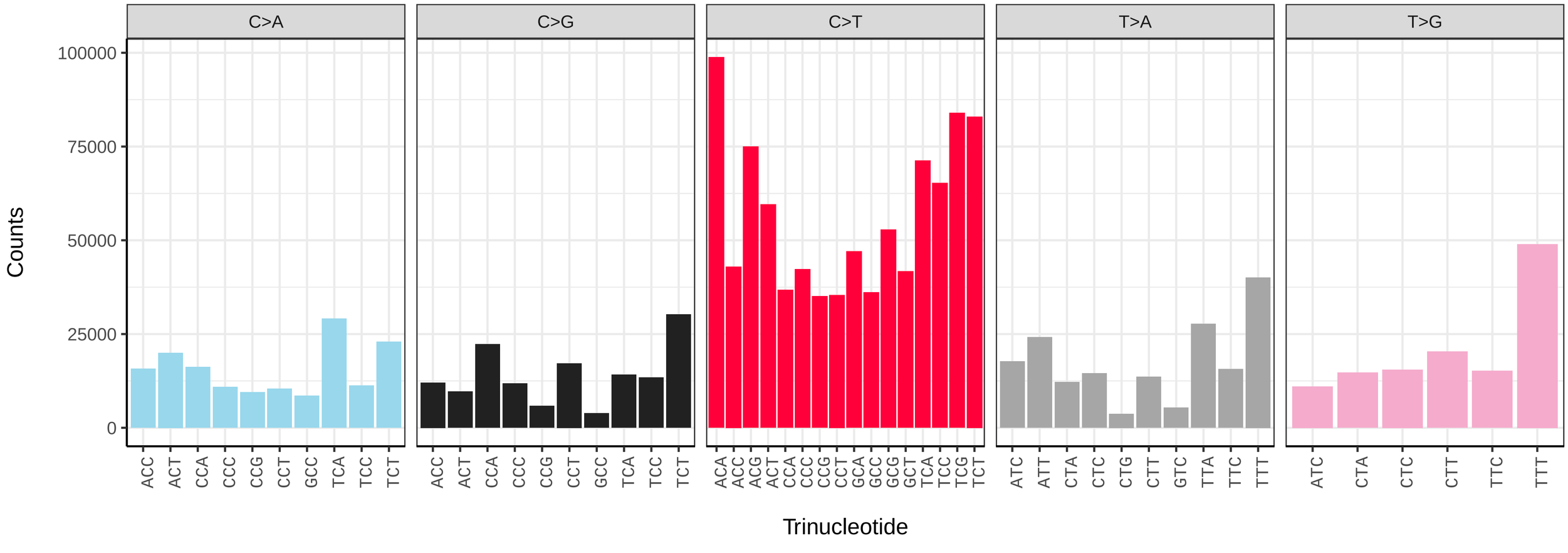
Mimumesa dahlbomi (iyMimDahl1) somatic mutational spectrum (SBS96 classification)



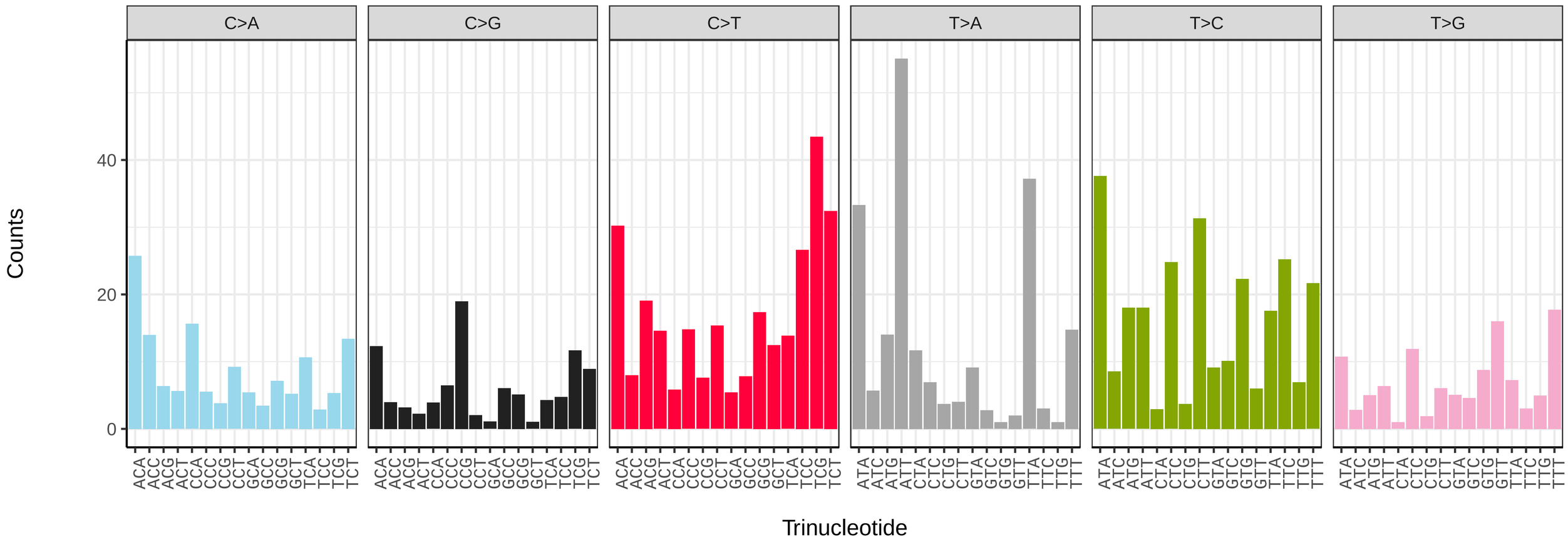
Mimumesa dahlbomi (iyMimDahl1) somatic mutational spectrum (SBS52 classification)



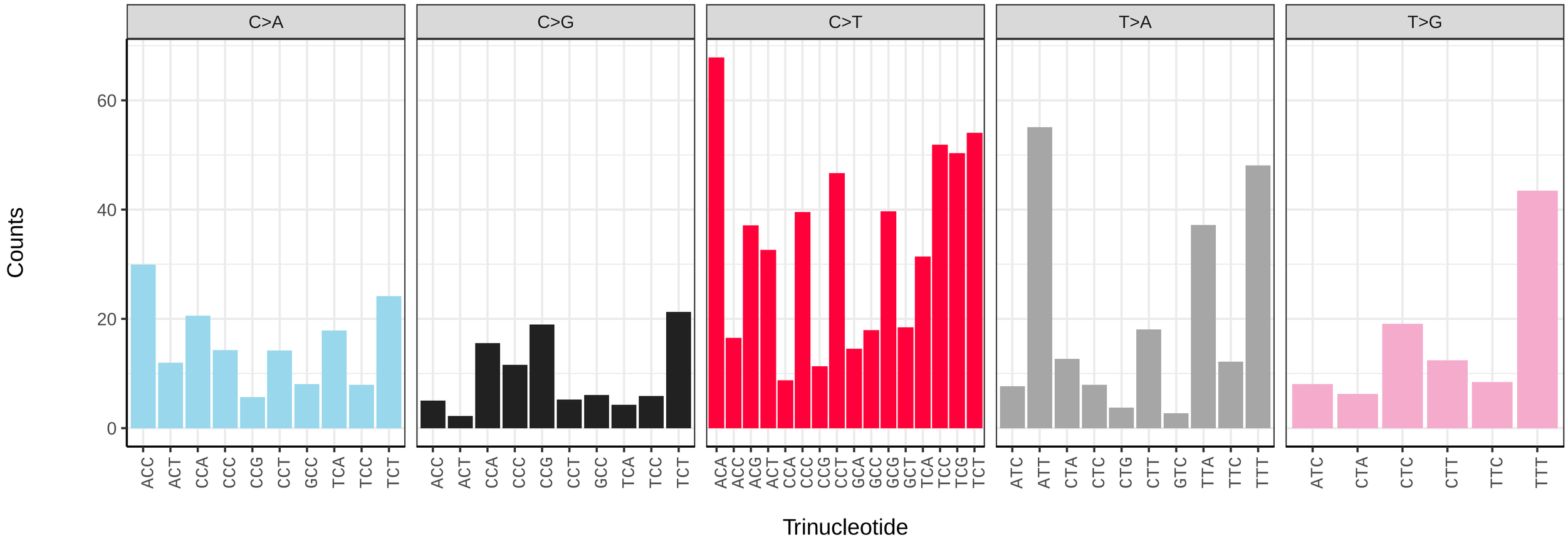
Netelia fuscicornis (iyNetDila1) germline mutational spectrum



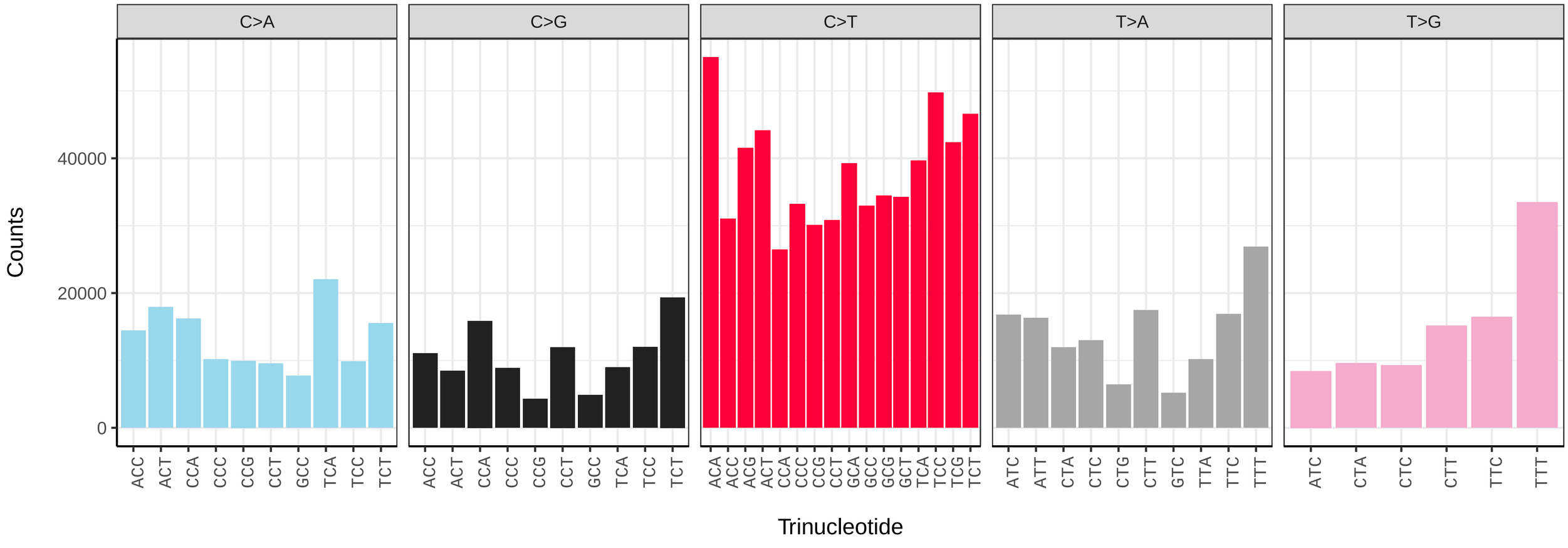
Netelia fuscicornis (iyNetDila1) somatic mutational spectrum (SBS96 classification)



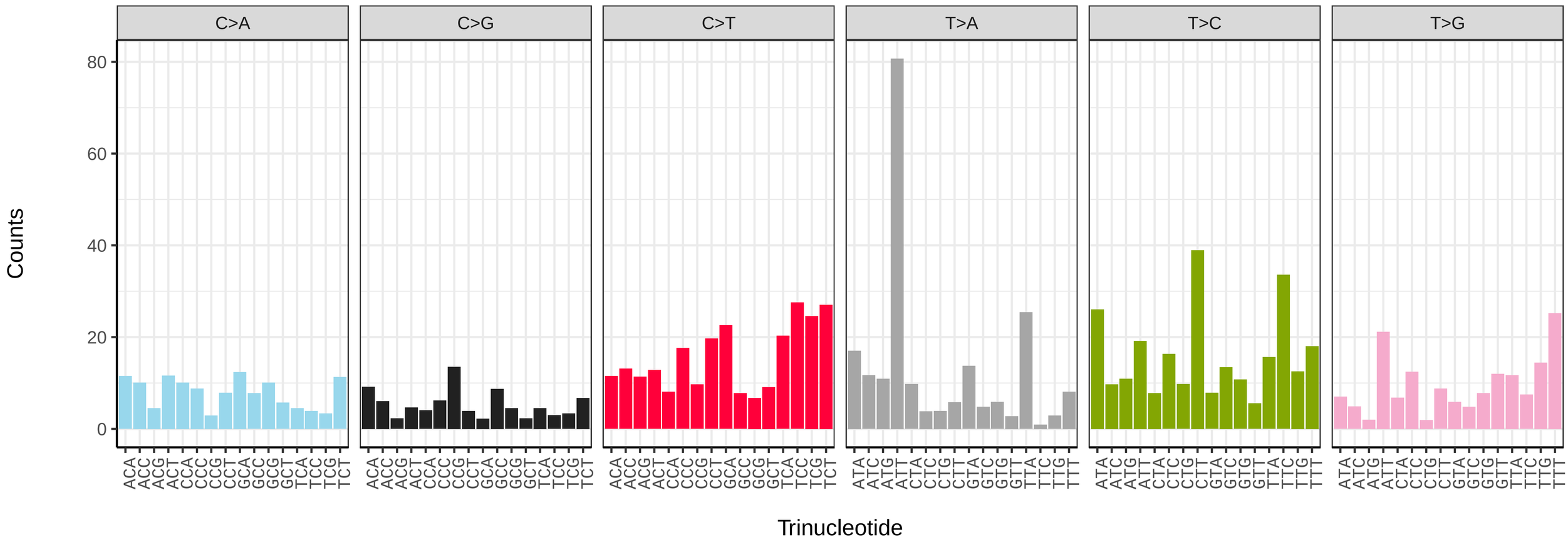
Netelia fuscicornis (iyNetDila1) somatic mutational spectrum (SBS52 classification)



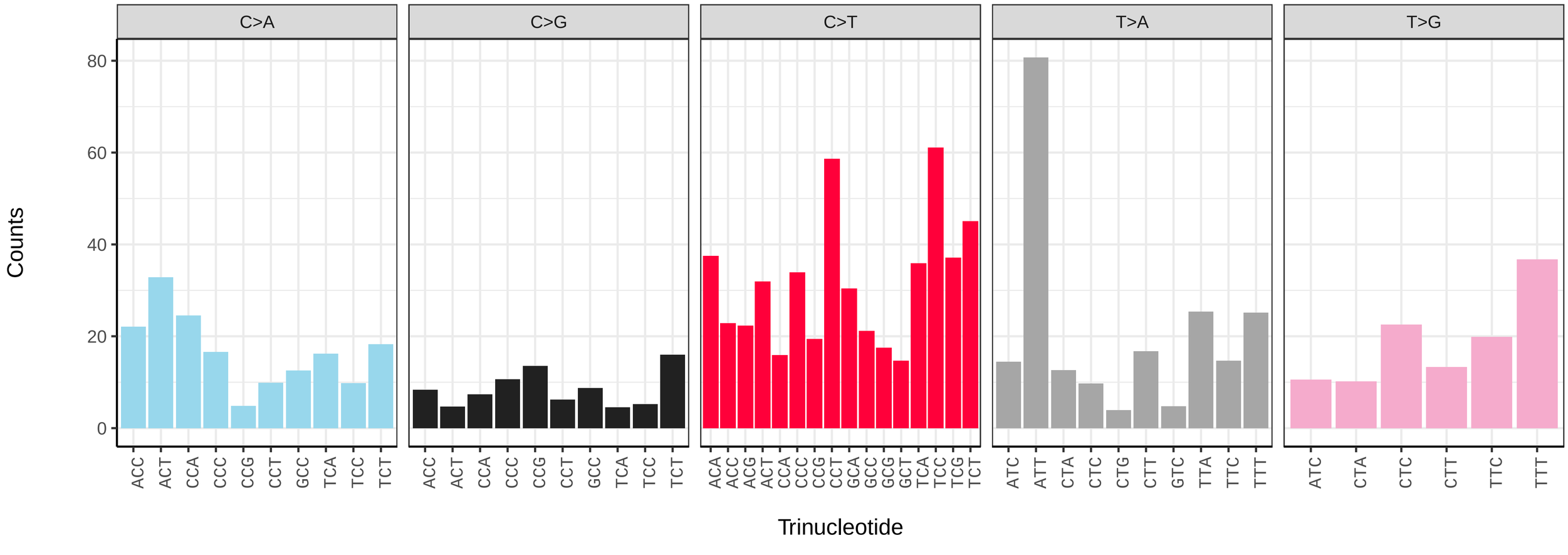
Nomada fabriciana (iyNomFabr1) germline mutational spectrum



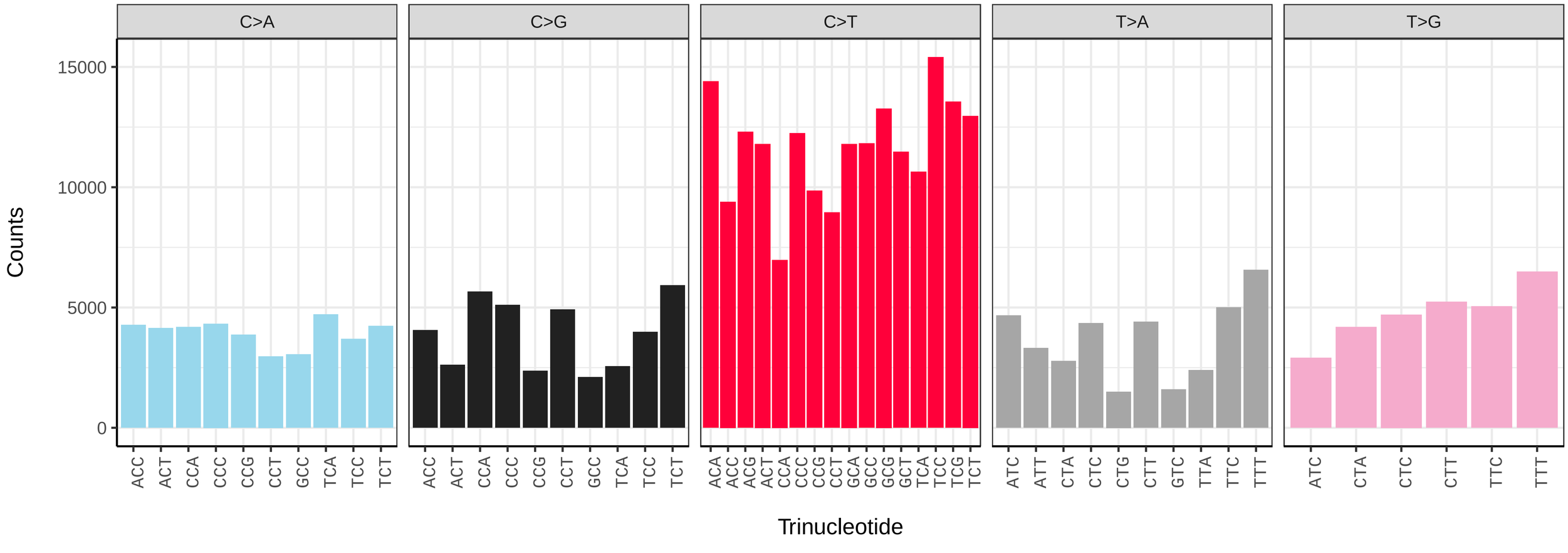
Nomada fabriciana (iyNomFabr1) somatic mutational spectrum (SBS96 classification)



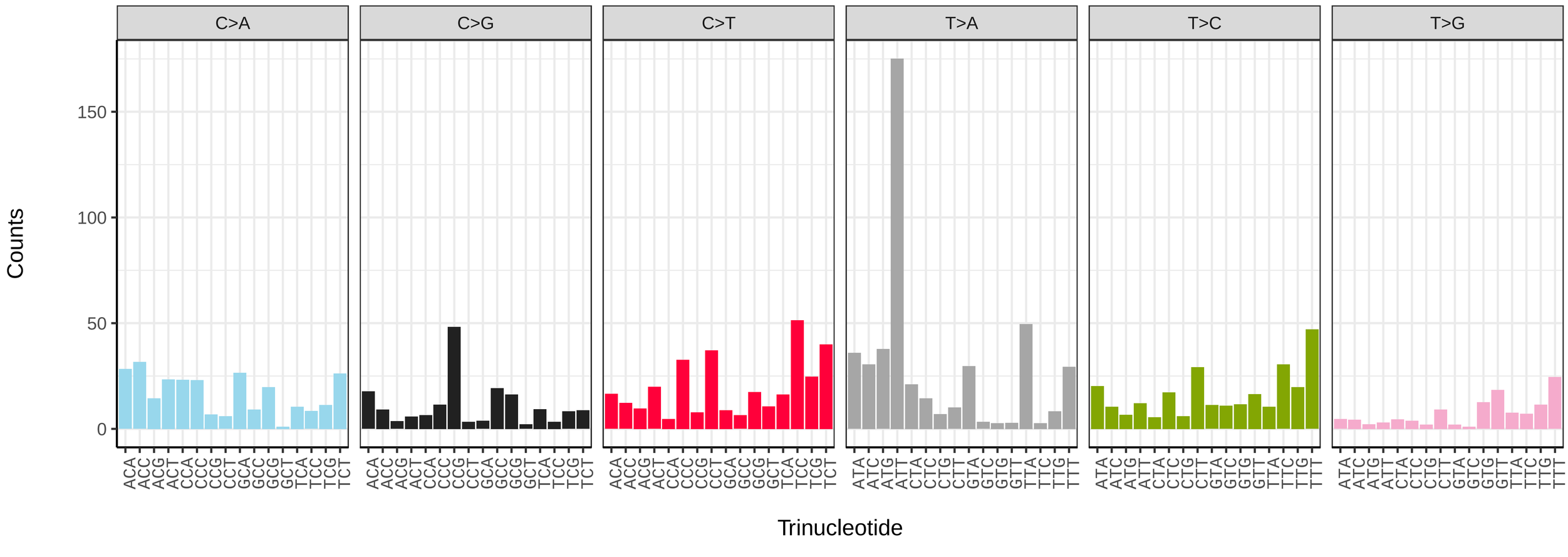
Nomada fabriciana (iyNomFabr1) somatic mutational spectrum (SBS52 classification)



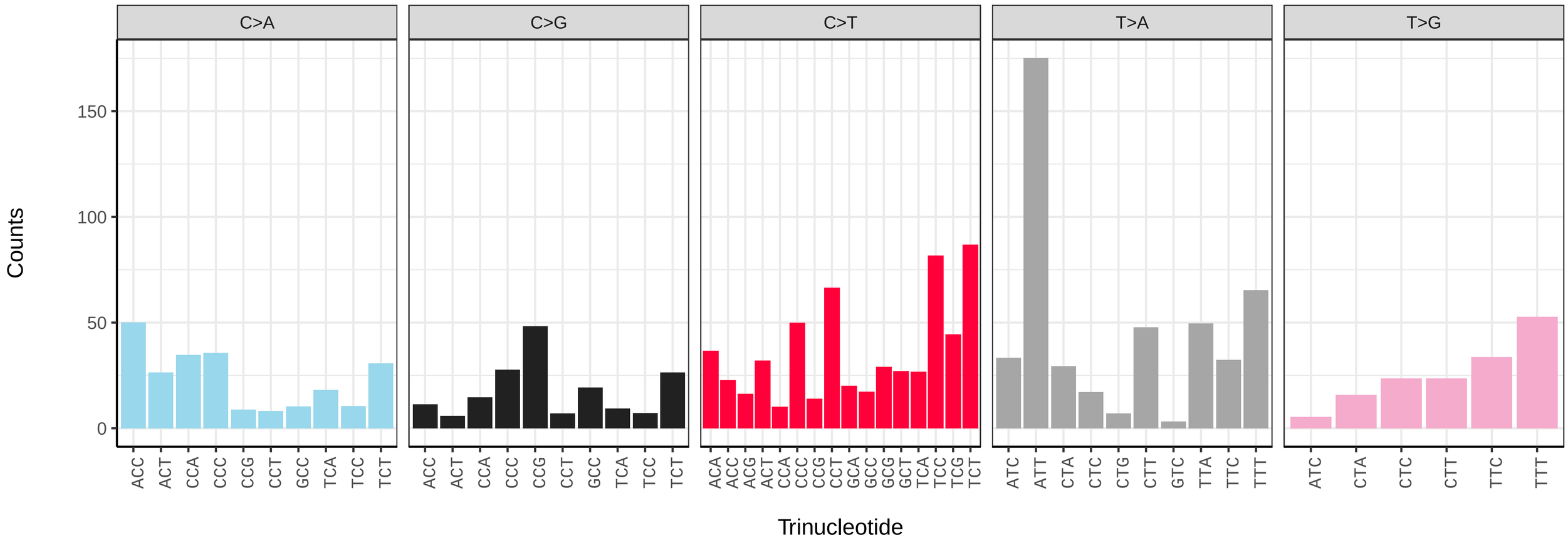
Nomada fucata (iyNomFuca1) germline mutational spectrum



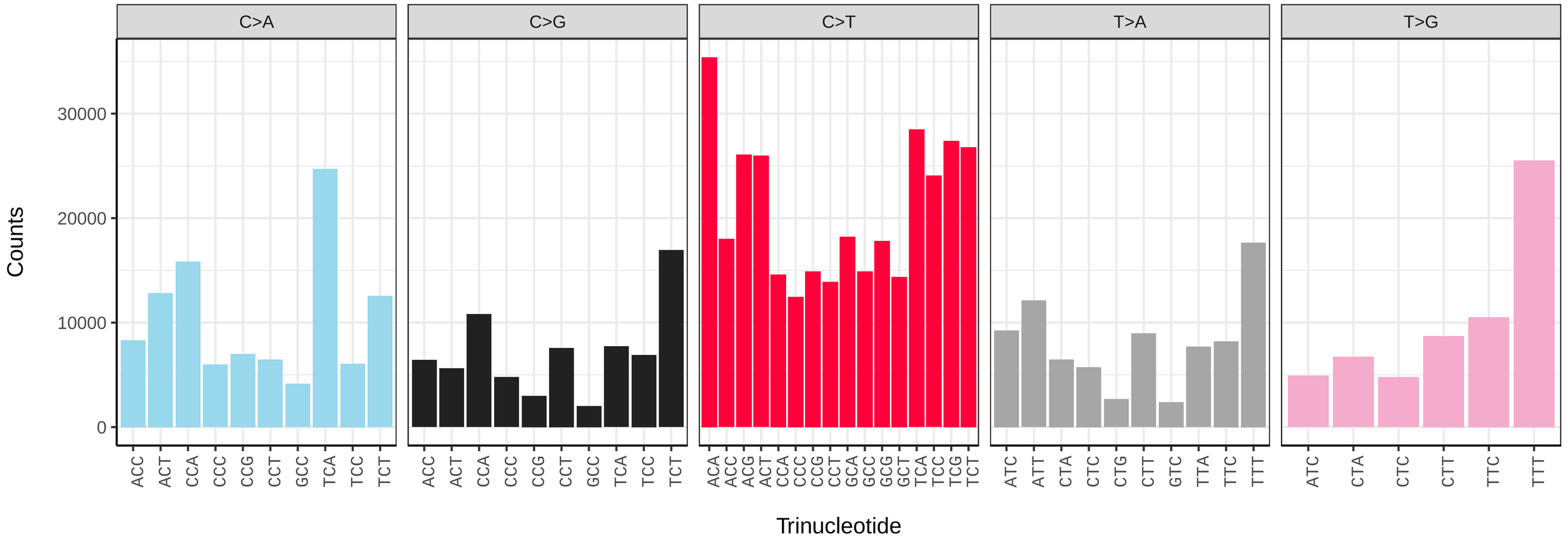
Nomada fucata (iyNomFuca1) somatic mutational spectrum (SBS96 classification)



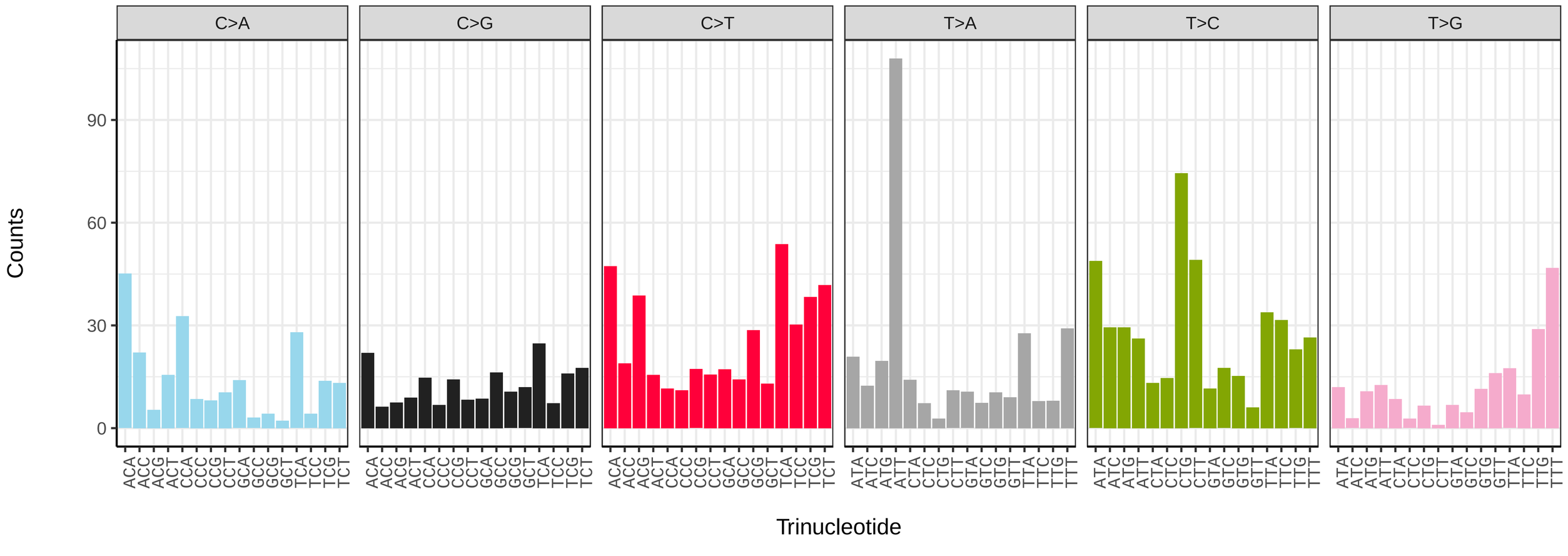
Nomada fucata (iyNomFuca1) somatic mutational spectrum (SBS52 classification)



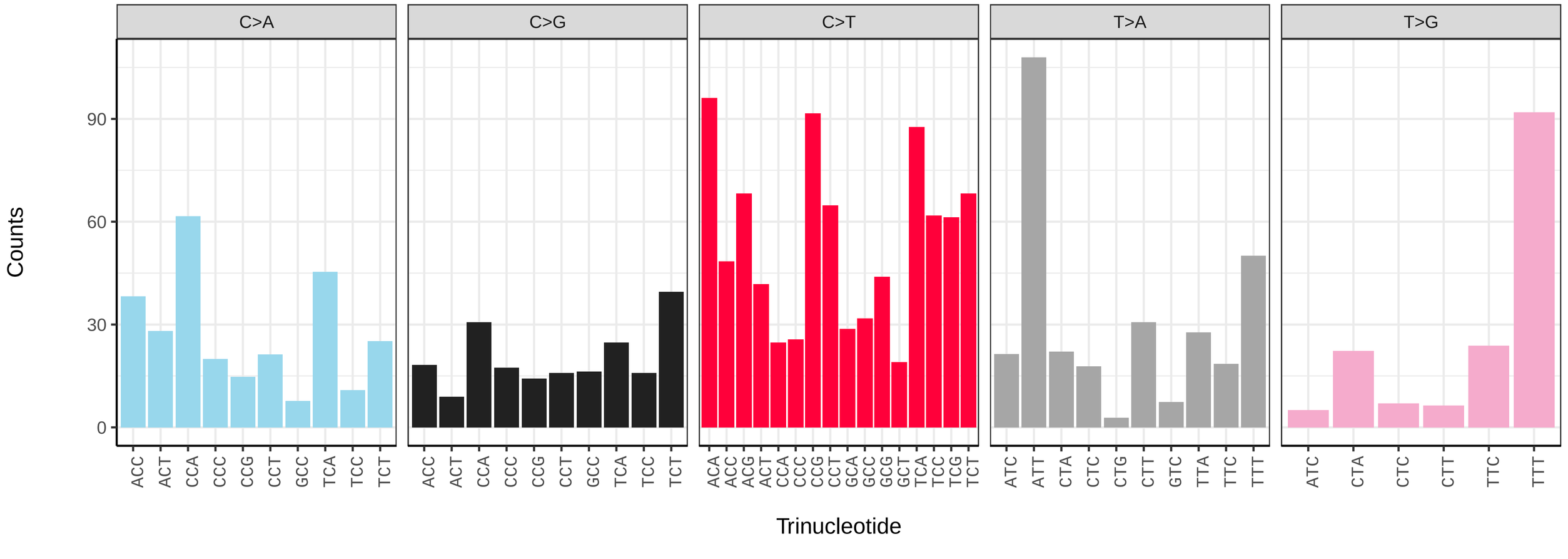
Nysson spinosus (iyNysSpin1) germline mutational spectrum



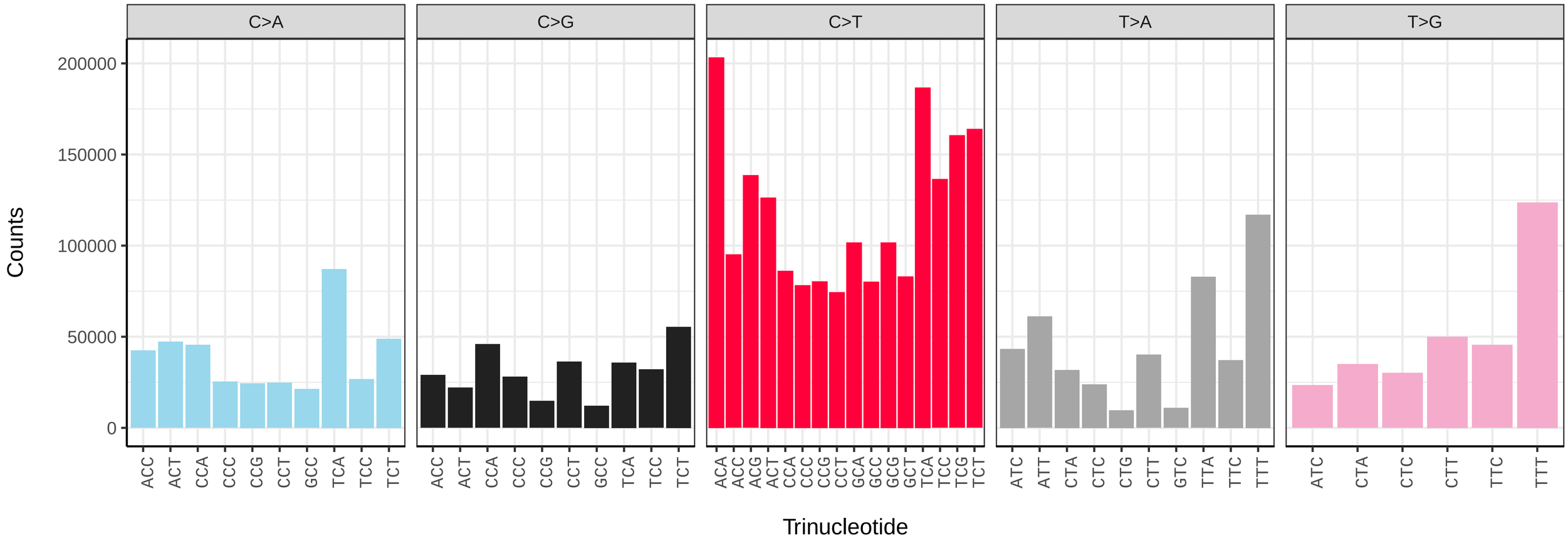
Nysson spinosus (iyNysSpin1) somatic mutational spectrum (SBS96 classification)



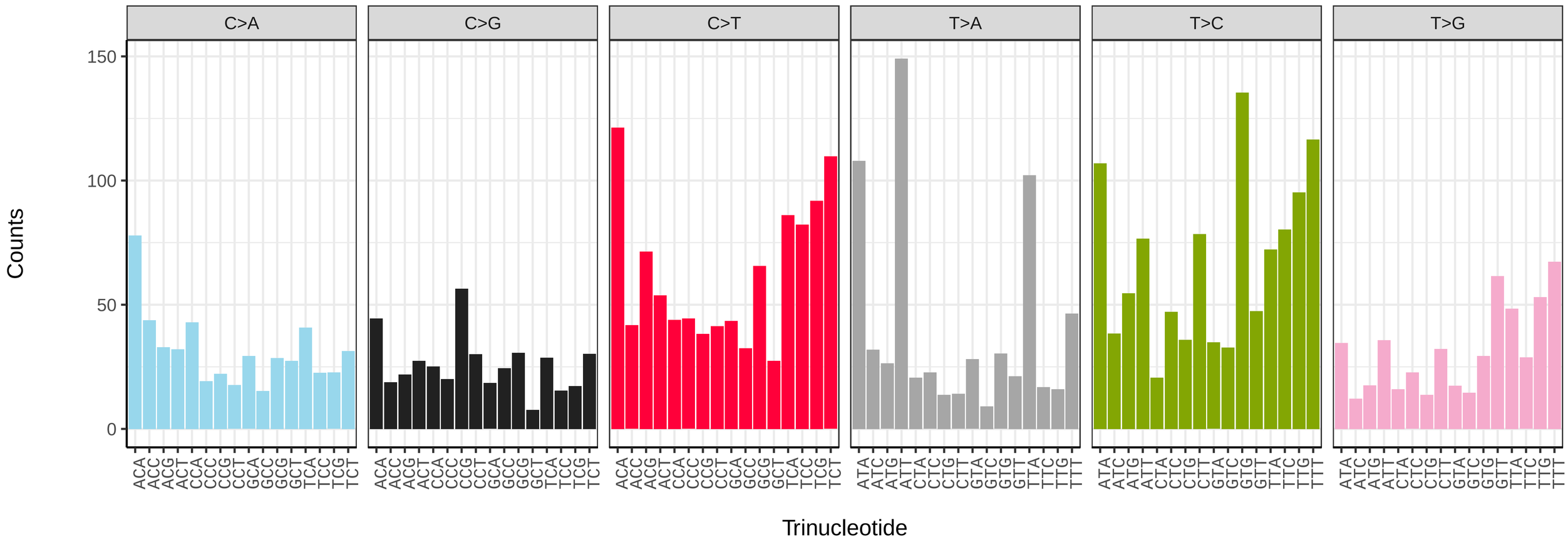
Nysson spinosus (iyNysSpin1) somatic mutational spectrum (SBS52 classification)



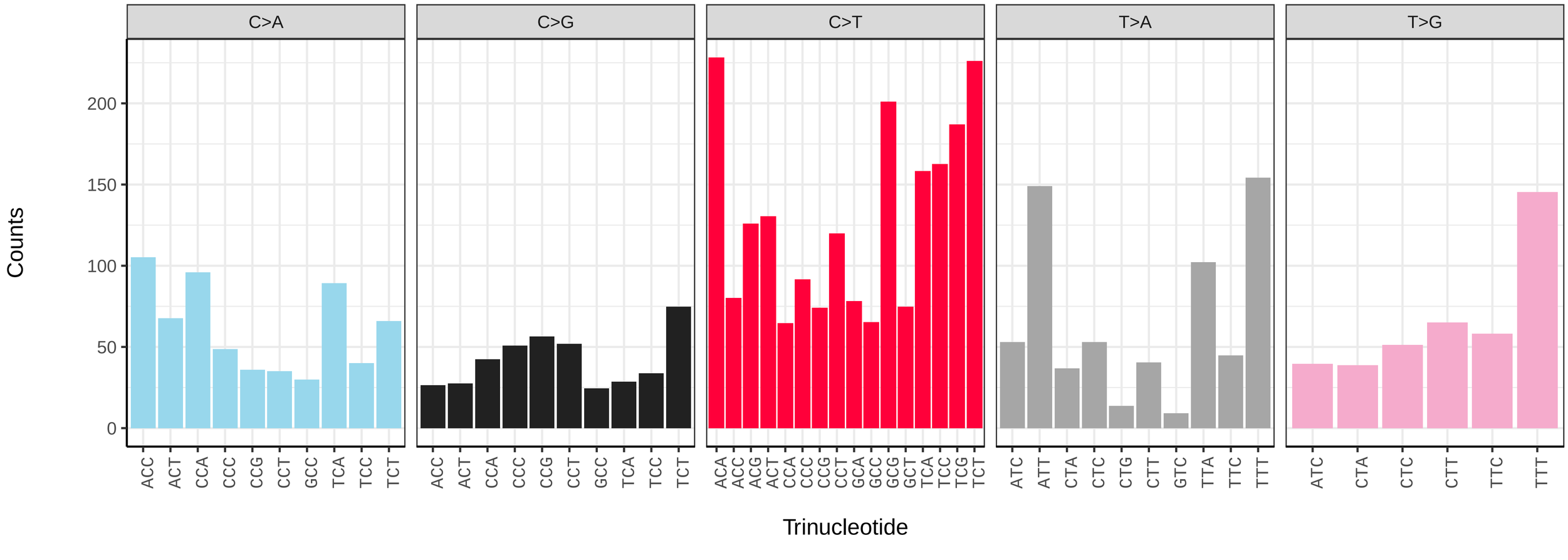
Ophion slaviceki (iyOphLute1) germline mutational spectrum



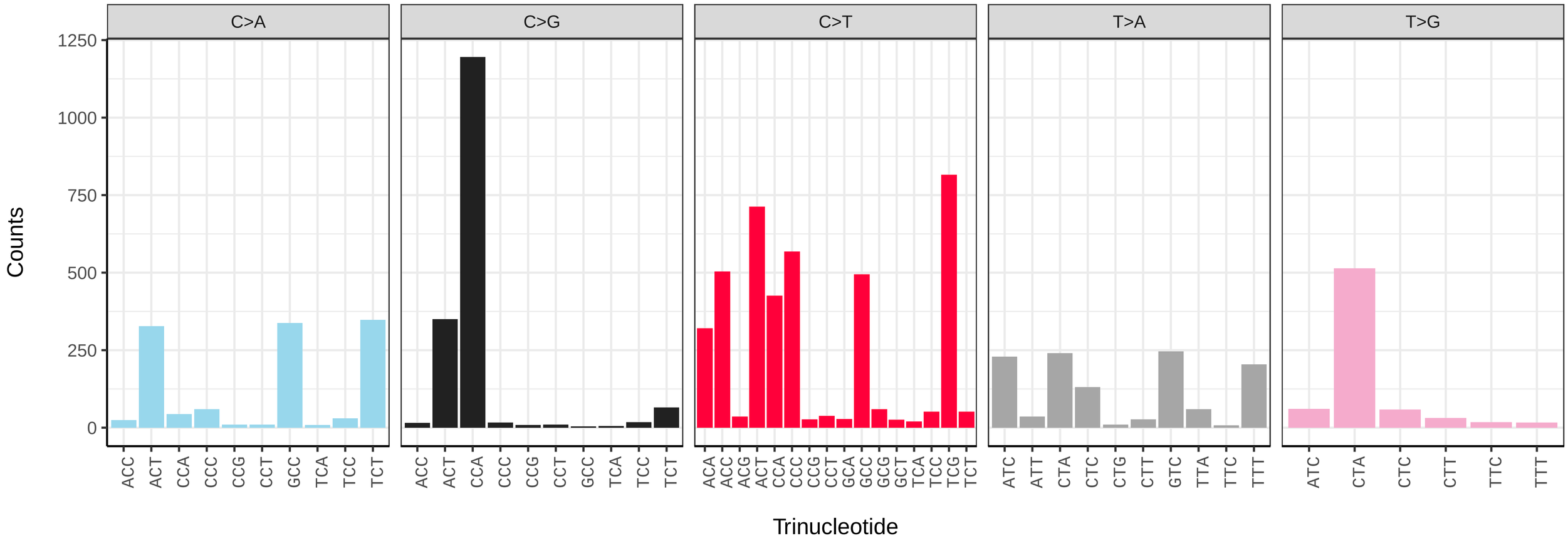
Ophion slaviceki (iyOphLute1) somatic mutational spectrum (SBS96 classification)



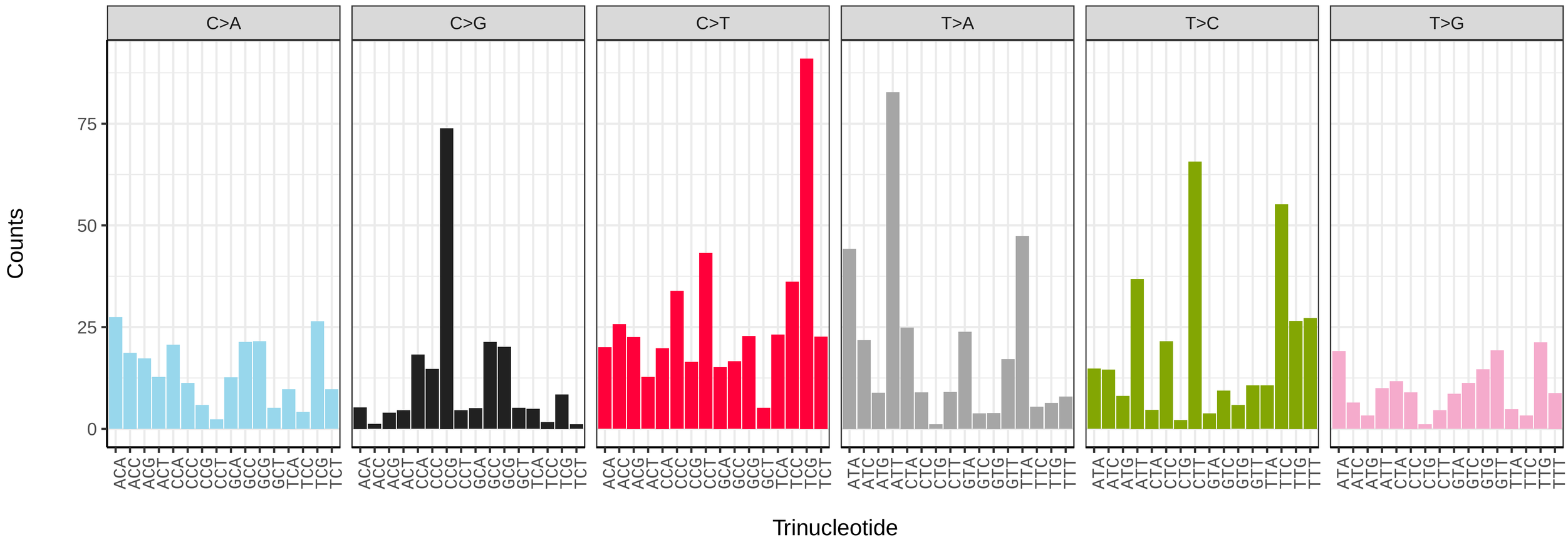
Ophion slaviceki (iyOphLute1) somatic mutational spectrum (SBS52 classification)



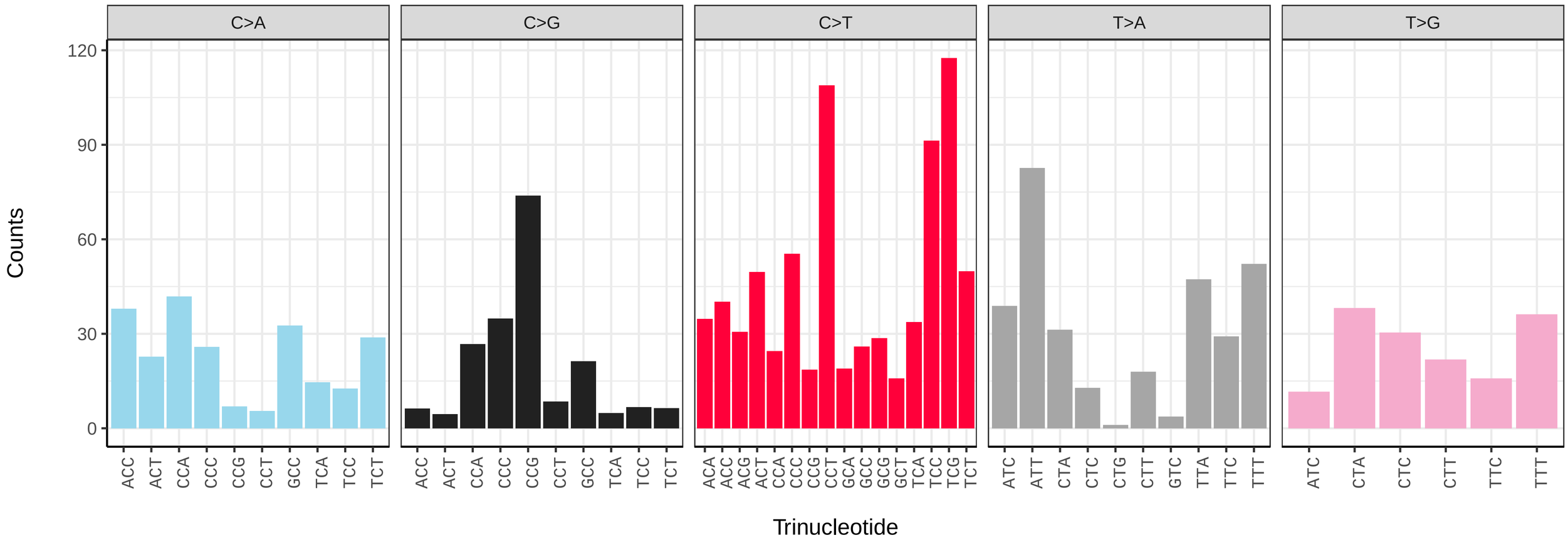
Pemphredon lugubris (iyPemLugu1) germline mutational spectrum



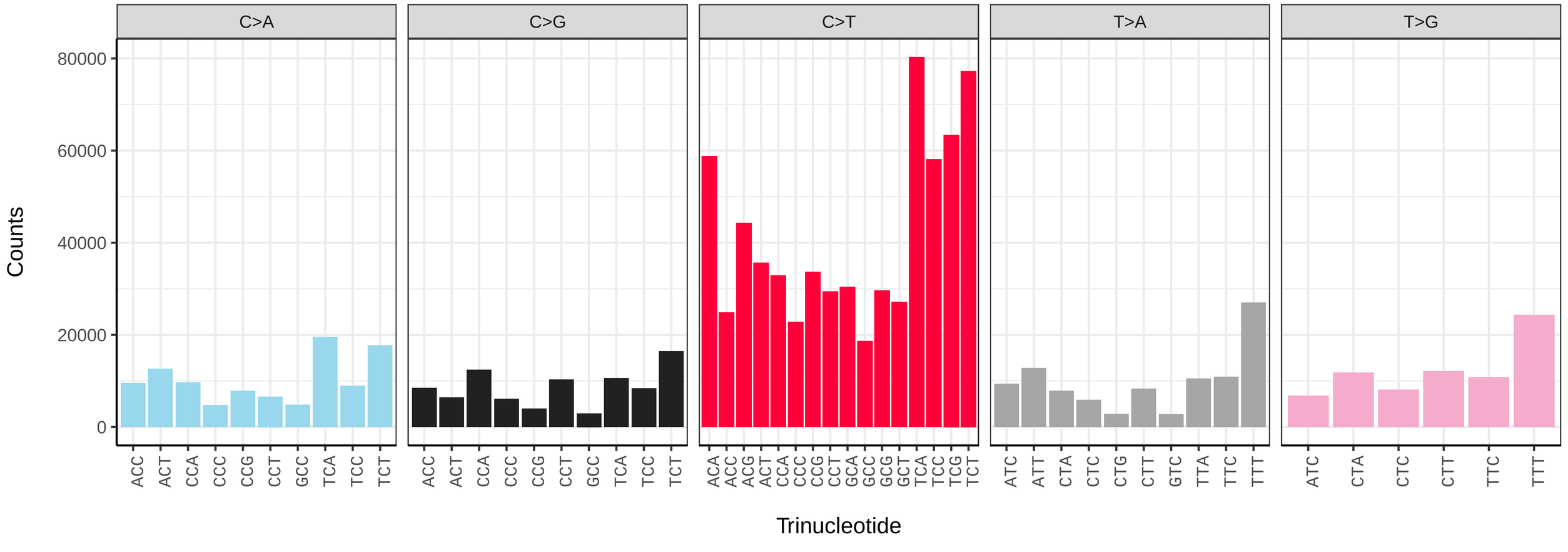
Pemphredon lugubris (iyPemLugu1) somatic mutational spectrum (SBS96 classification)



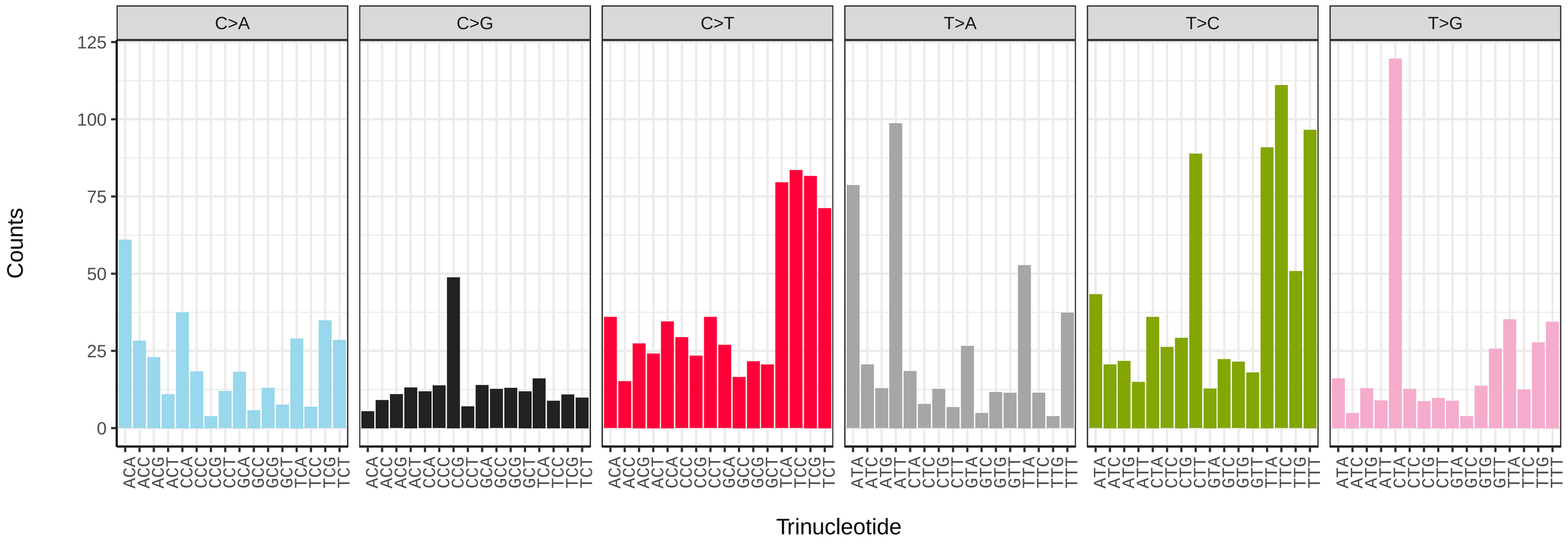
Pemphredon lugubris (iyPemLugu1) somatic mutational spectrum (SBS52 classification)



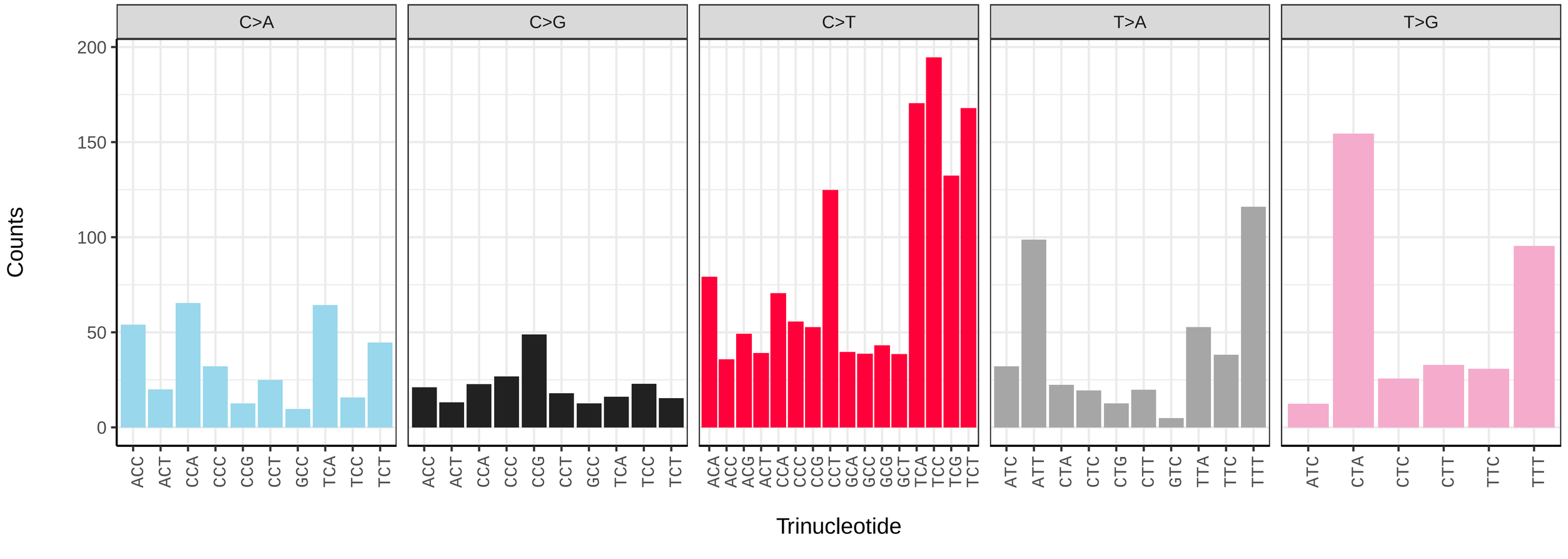
Rhogogaster chlorosoma (iyRhoChlo1) germline mutational spectrum



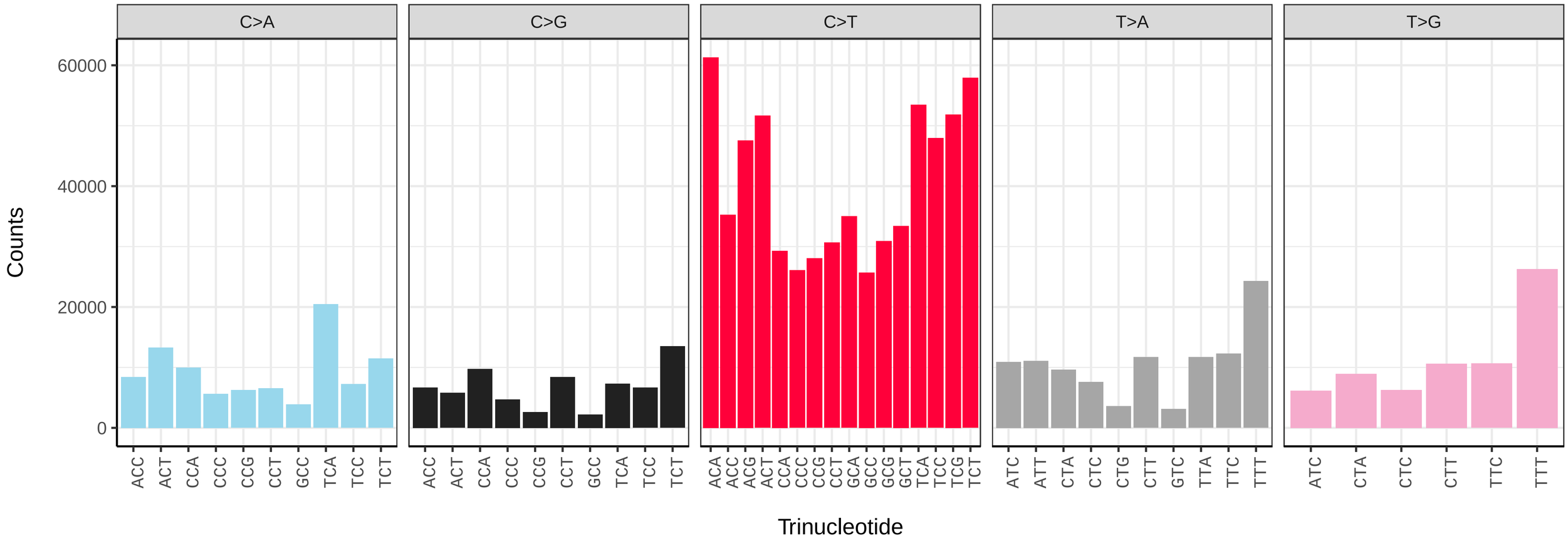
Rhogogaster chlorosoma (iyRhoChlo1) somatic mutational spectrum (SBS96 classification)



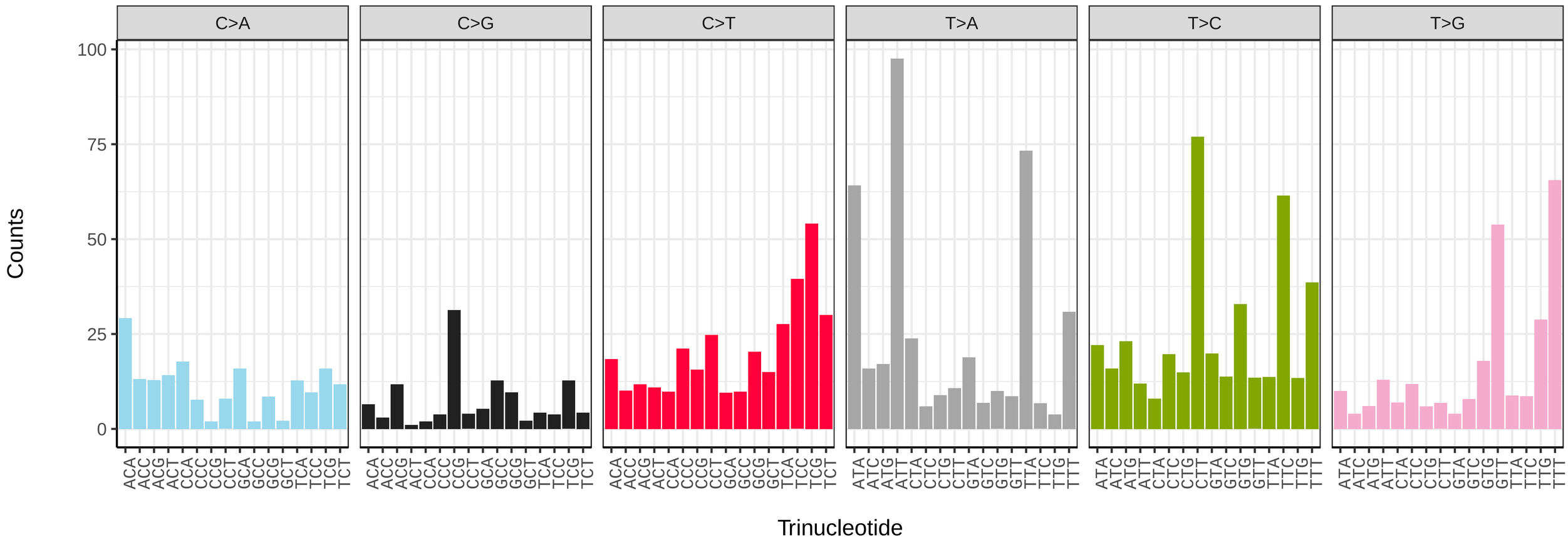
Rhogogaster chlorosoma (iyRhoChlo1) somatic mutational spectrum (SBS52 classification)



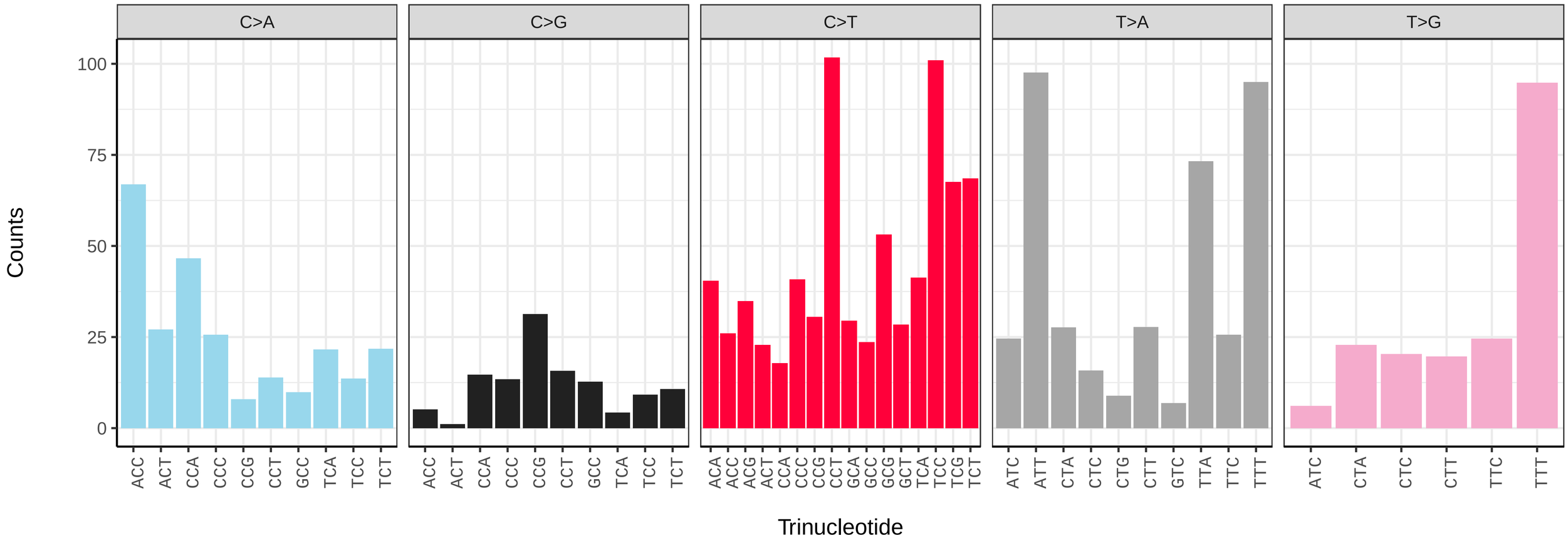
Stelis phaeoptera (iyStePhae1) germline mutational spectrum



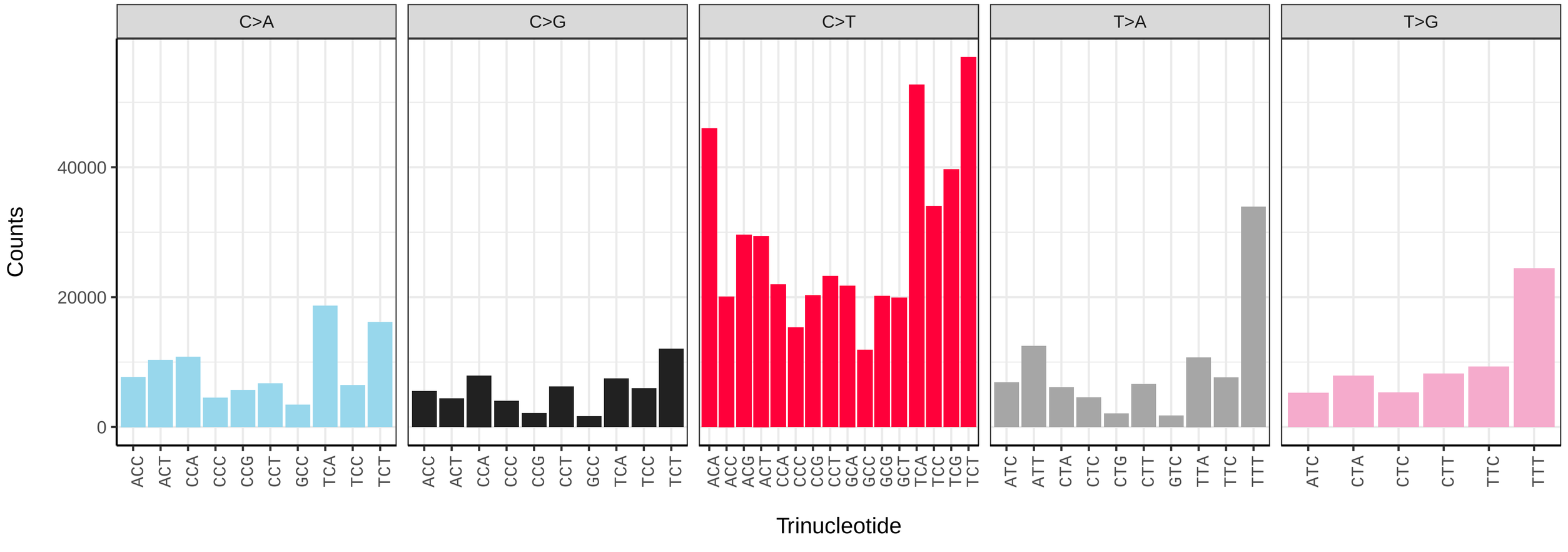
Stelis phaeoptera (iyStePhae1) somatic mutational spectrum (SBS96 classification)



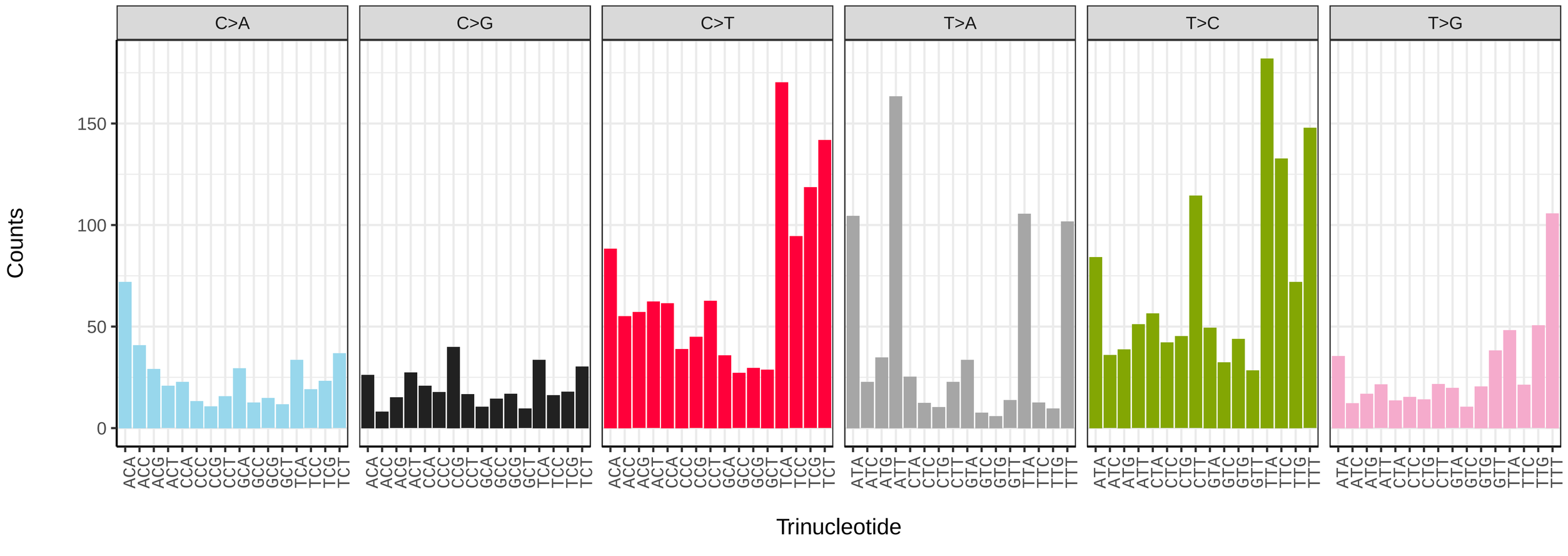
Stelis phaeoptera (iyStePhae1) somatic mutational spectrum (SBS52 classification)



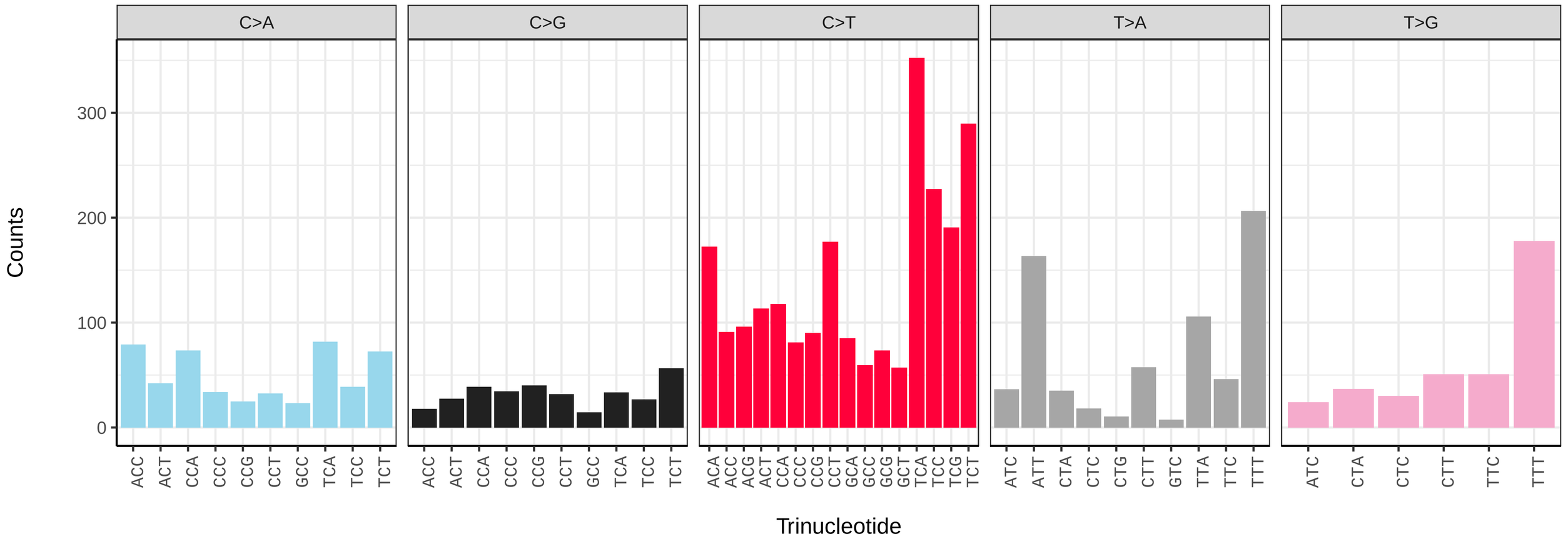
Tenthredo mesomela (iyTenMeso1) germline mutational spectrum



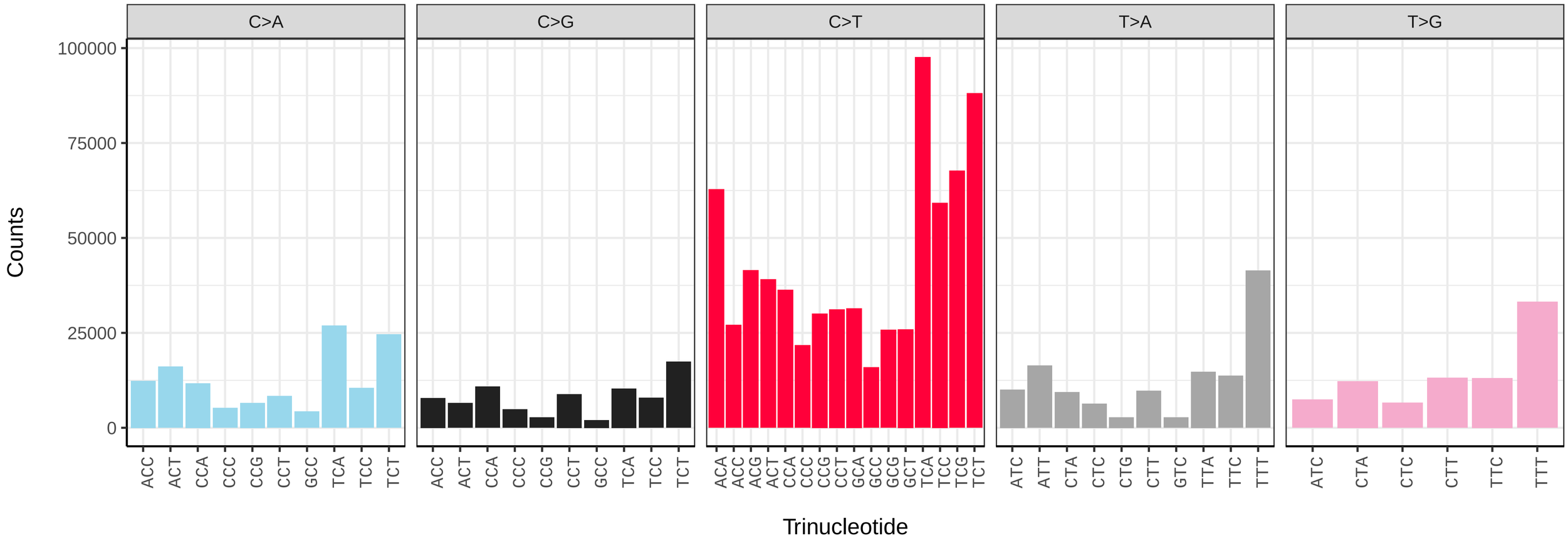
Tenthredo mesomela (iyTenMeso1) somatic mutational spectrum (SBS96 classification)



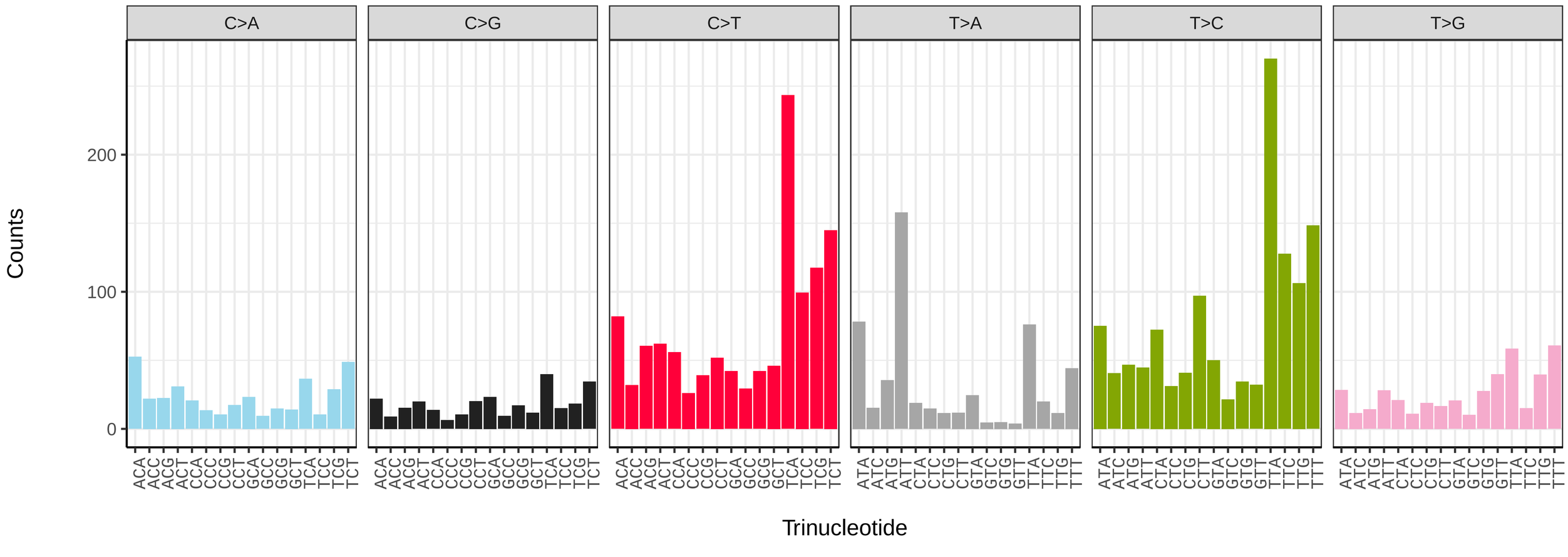
Tenthredo mesomela (iyTenMeso1) somatic mutational spectrum (SBS52 classification)



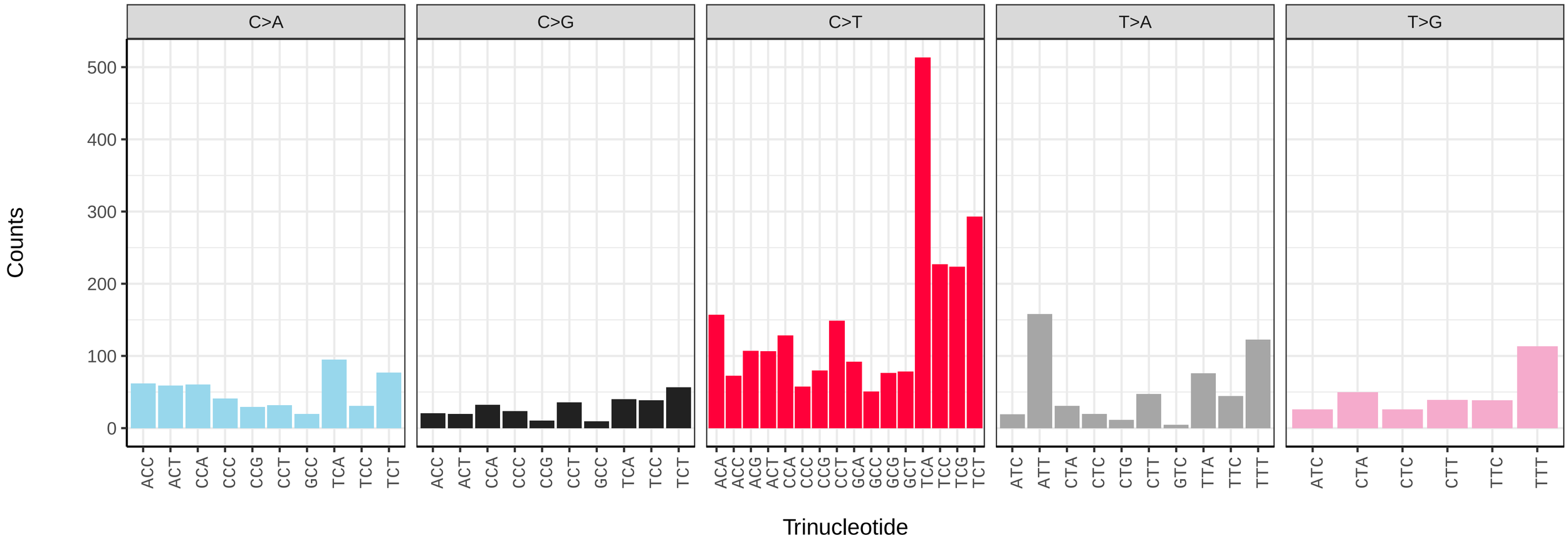
Tenthredo notha (iyTenNoth1) germline mutational spectrum



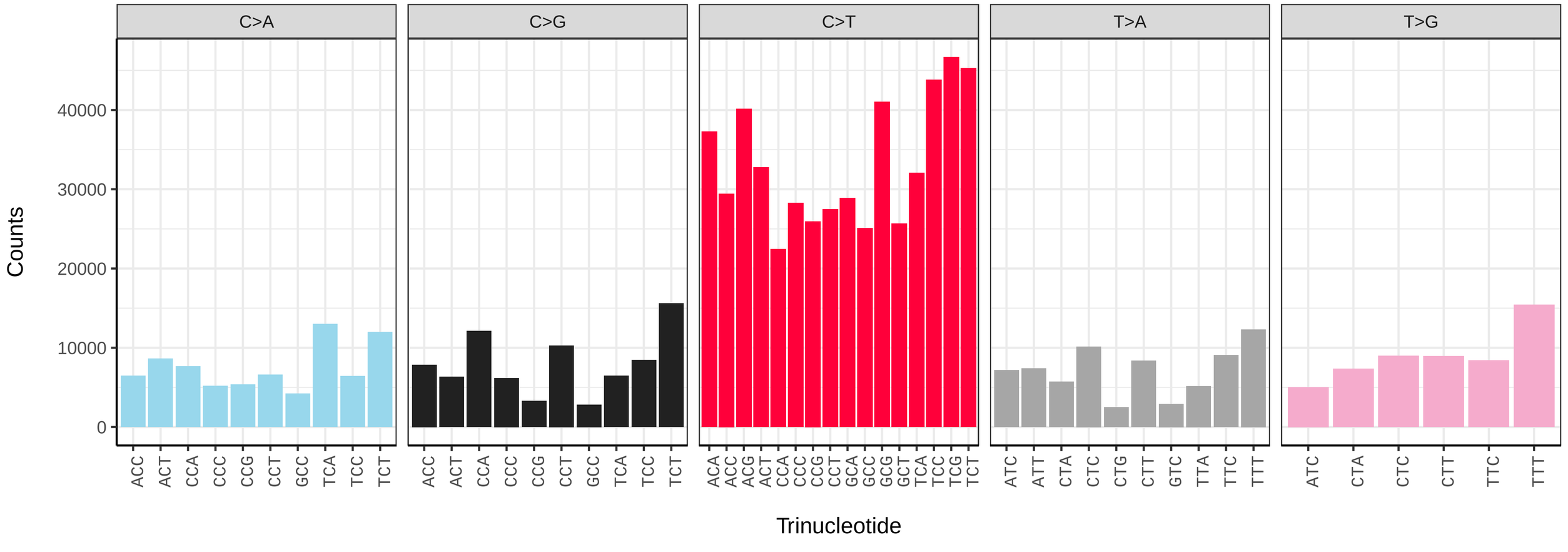
Tenthredo notha (iyTenNoth1) somatic mutational spectrum (SBS96 classification)



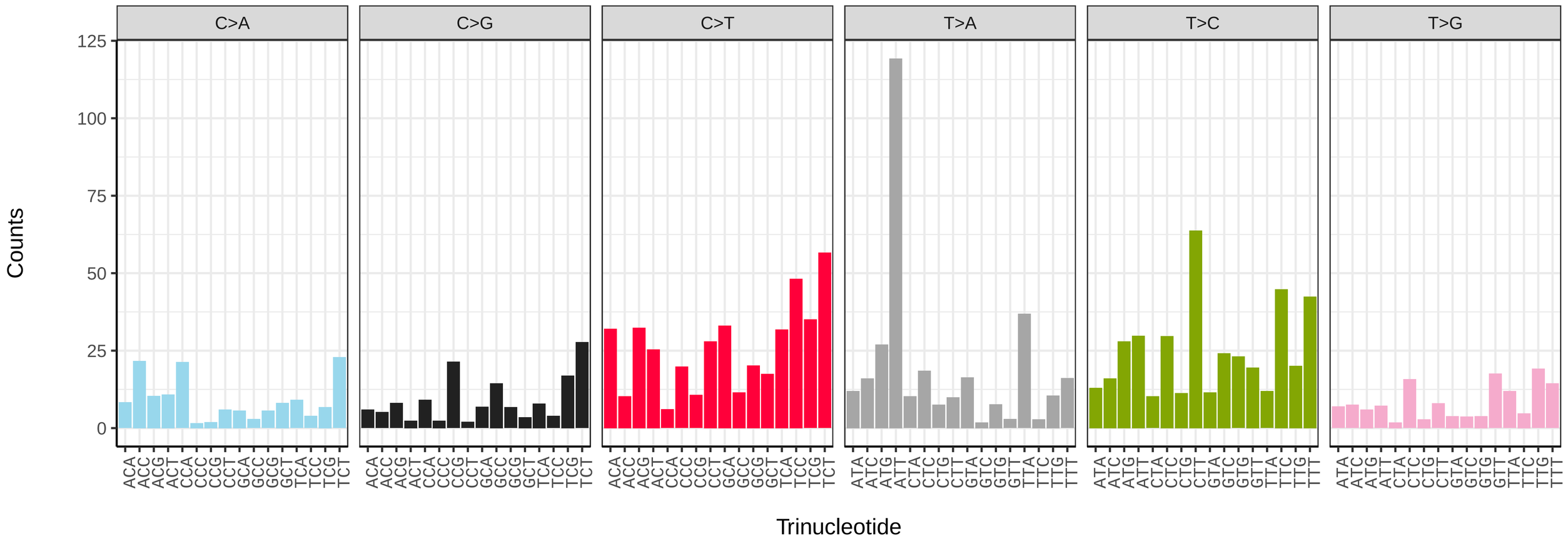
Tenthredo notha (iyTenNoth1) somatic mutational spectrum (SBS52 classification)



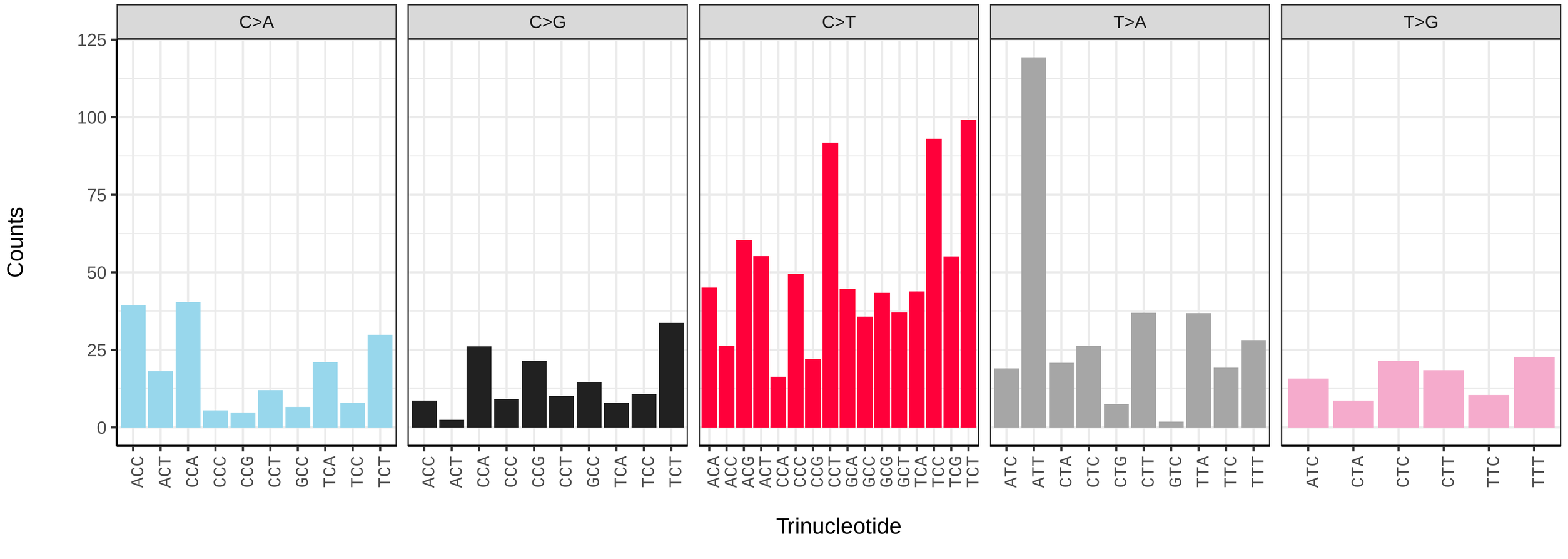
Tiphia femorata (iyTipFemo1) germline mutational spectrum



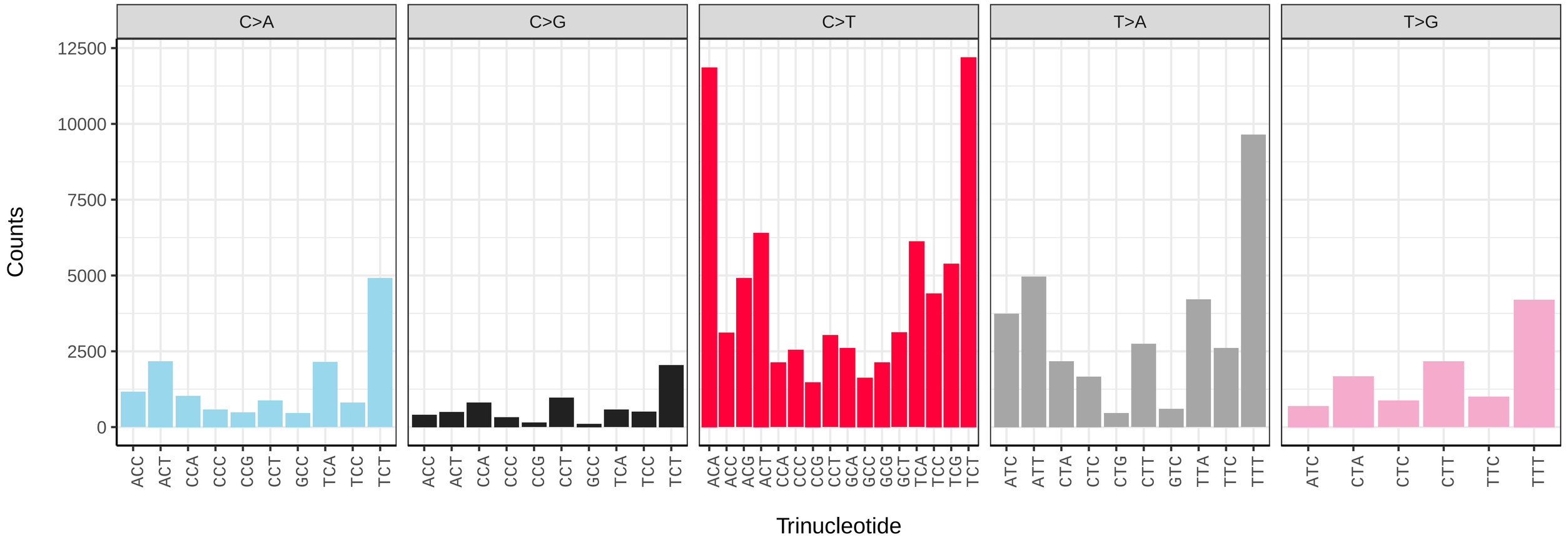
Tiphia femorata (iyTipFemo1) somatic mutational spectrum (SBS96 classification)



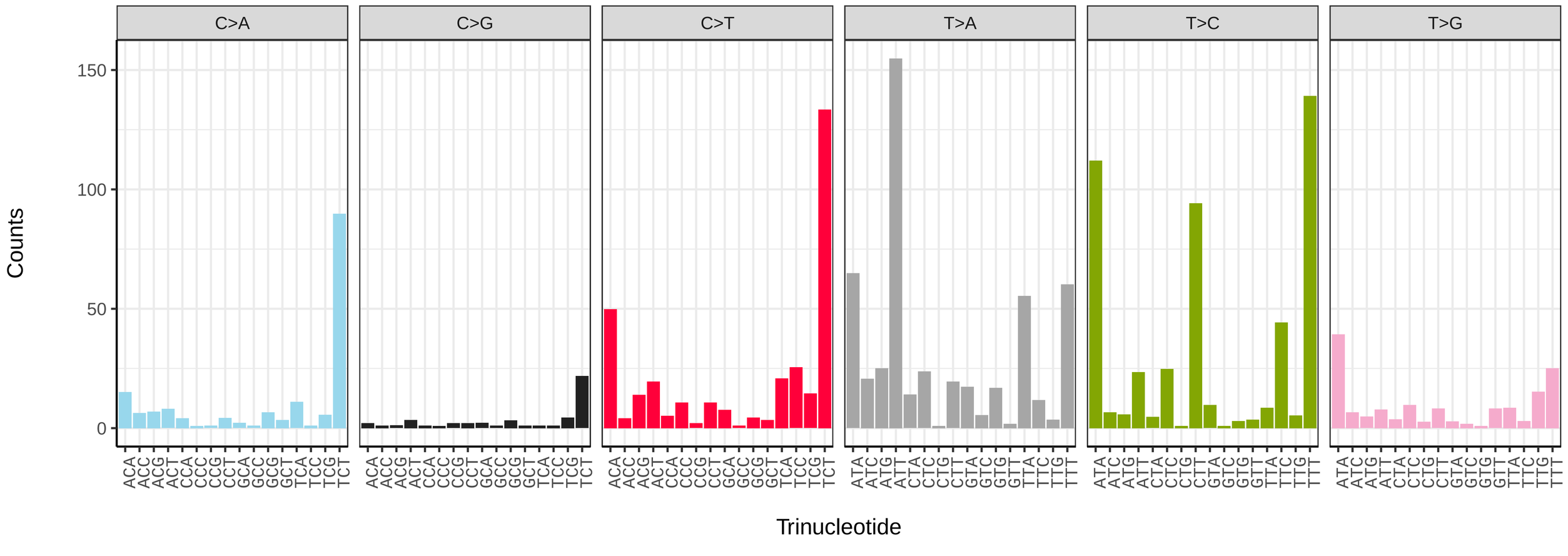
Tiphia femorata (iyTipFemo1) somatic mutational spectrum (SBS52 classification)



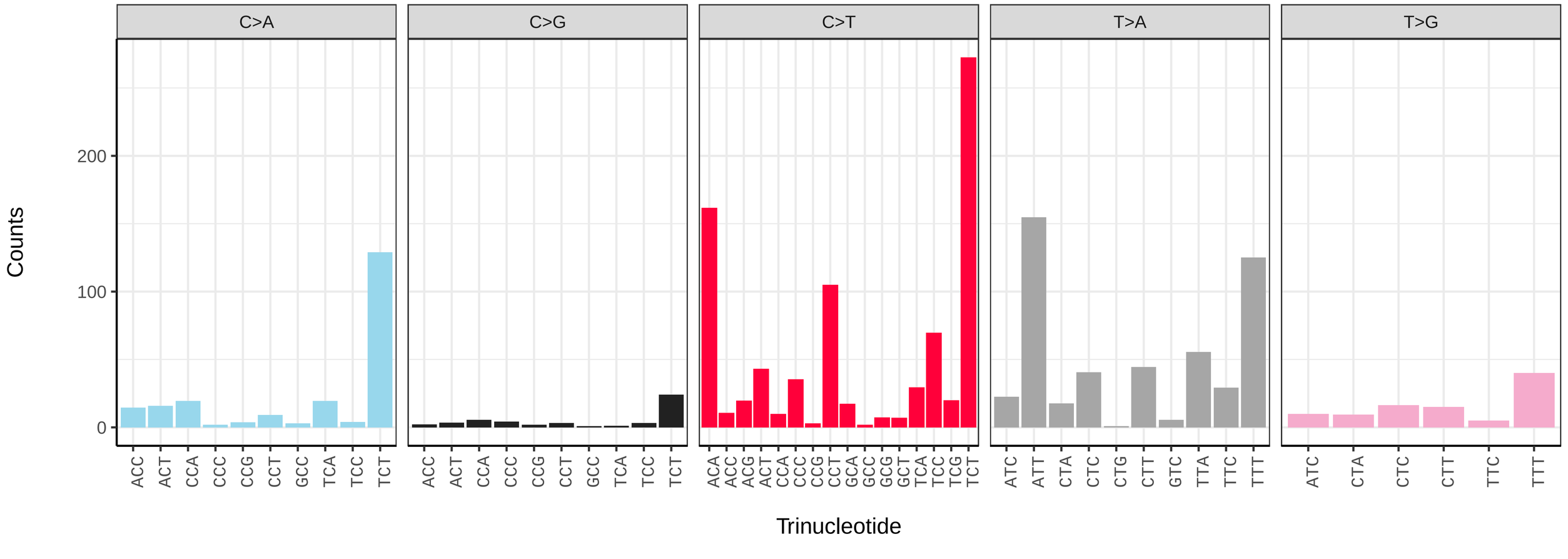
Vespa crabro (iyVesCrab1) germline mutational spectrum



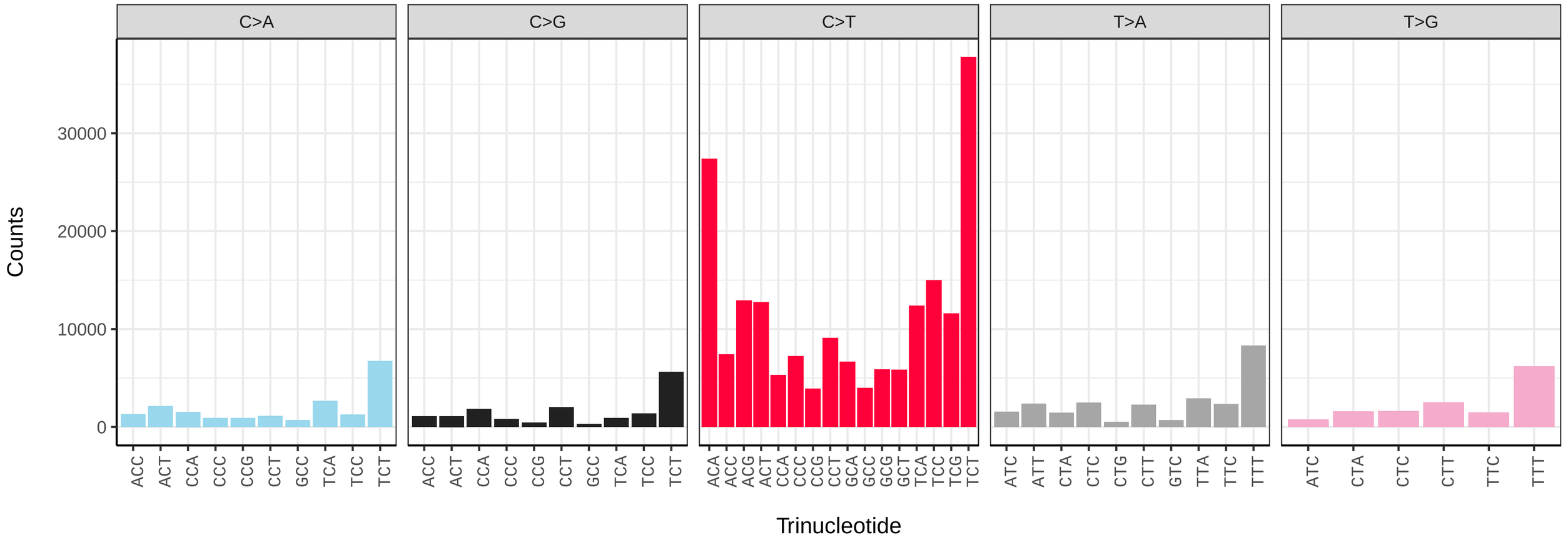
Vespa crabro (iyVesCrab1) somatic mutational spectrum (SBS96 classification)



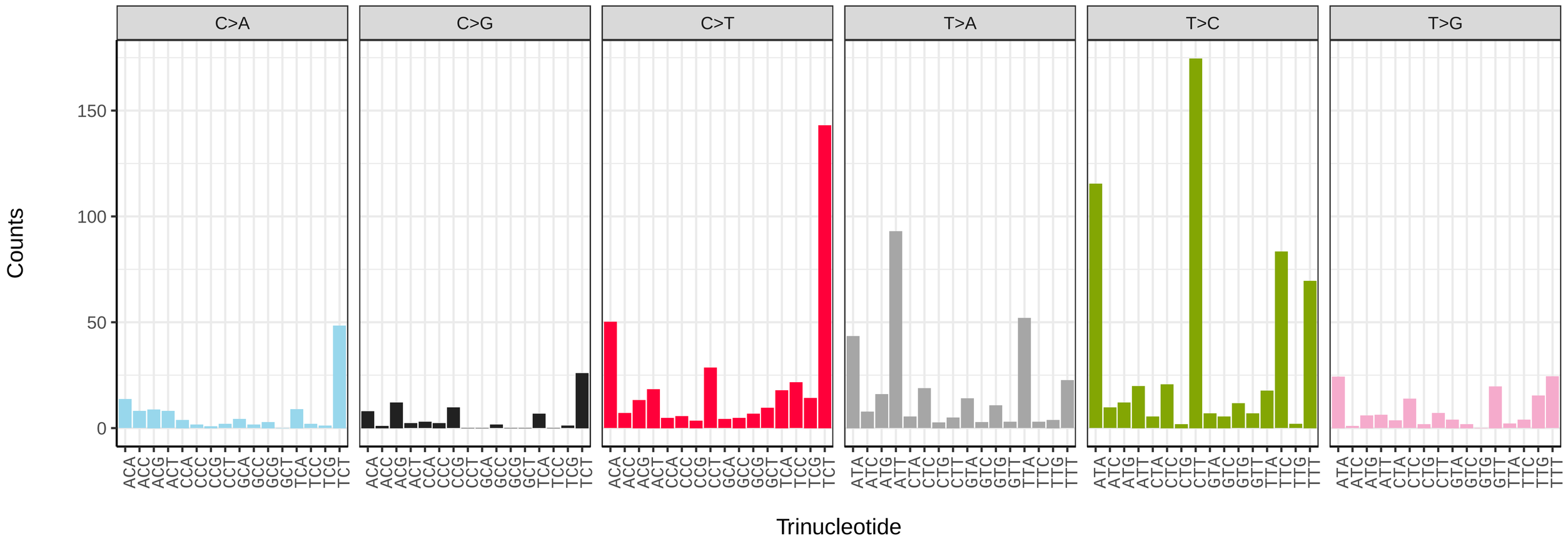
Vespa crabro (iyVesCrab1) somatic mutational spectrum (SBS52 classification)



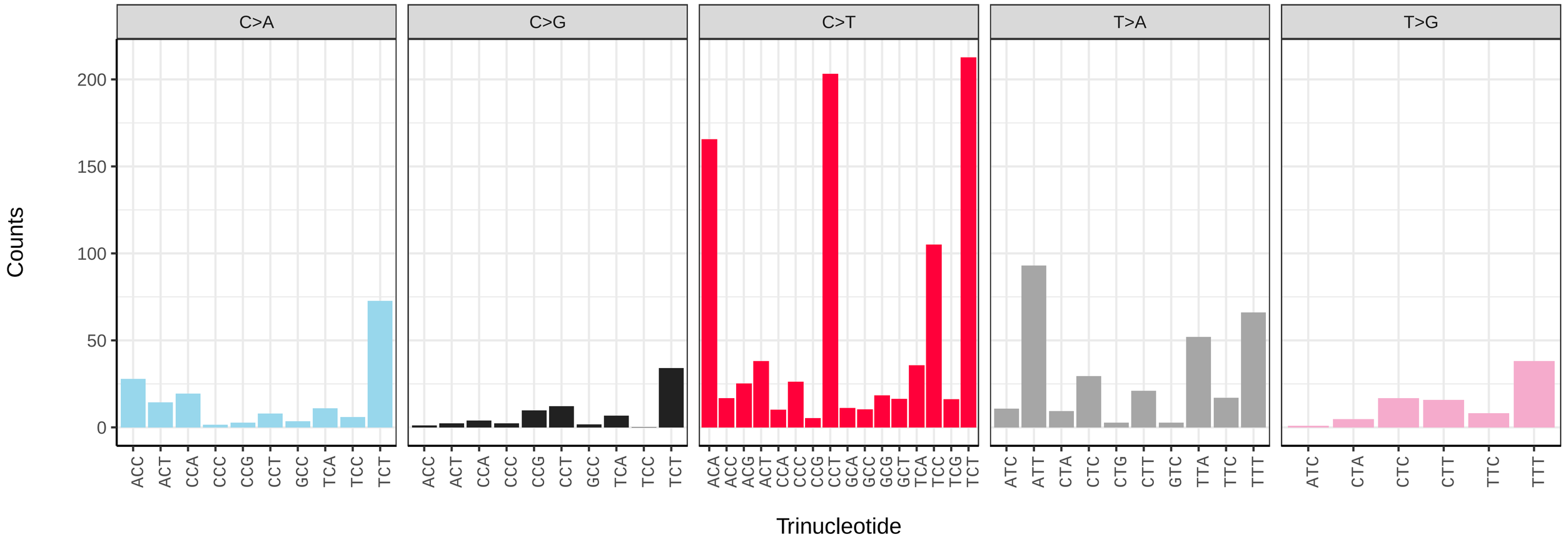
Vespula germanica (iyVesGerm1) germline mutational spectrum



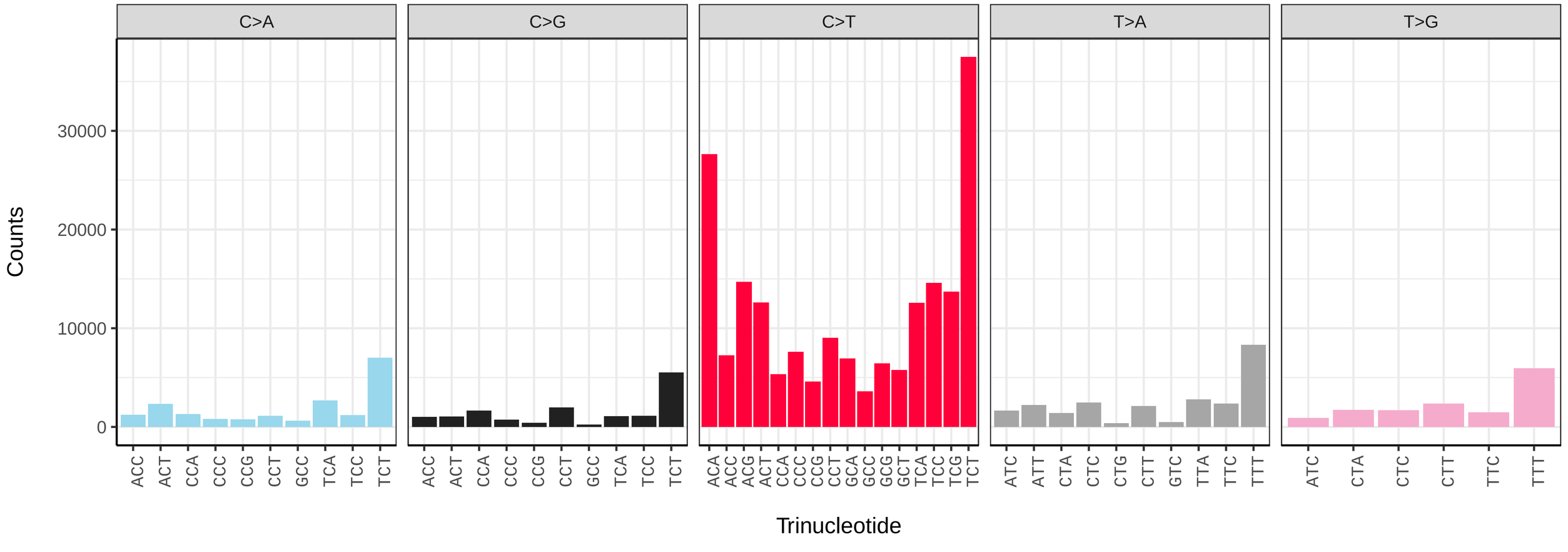
Vespula germanica (iyVesGerm1) somatic mutational spectrum (SBS96 classification)



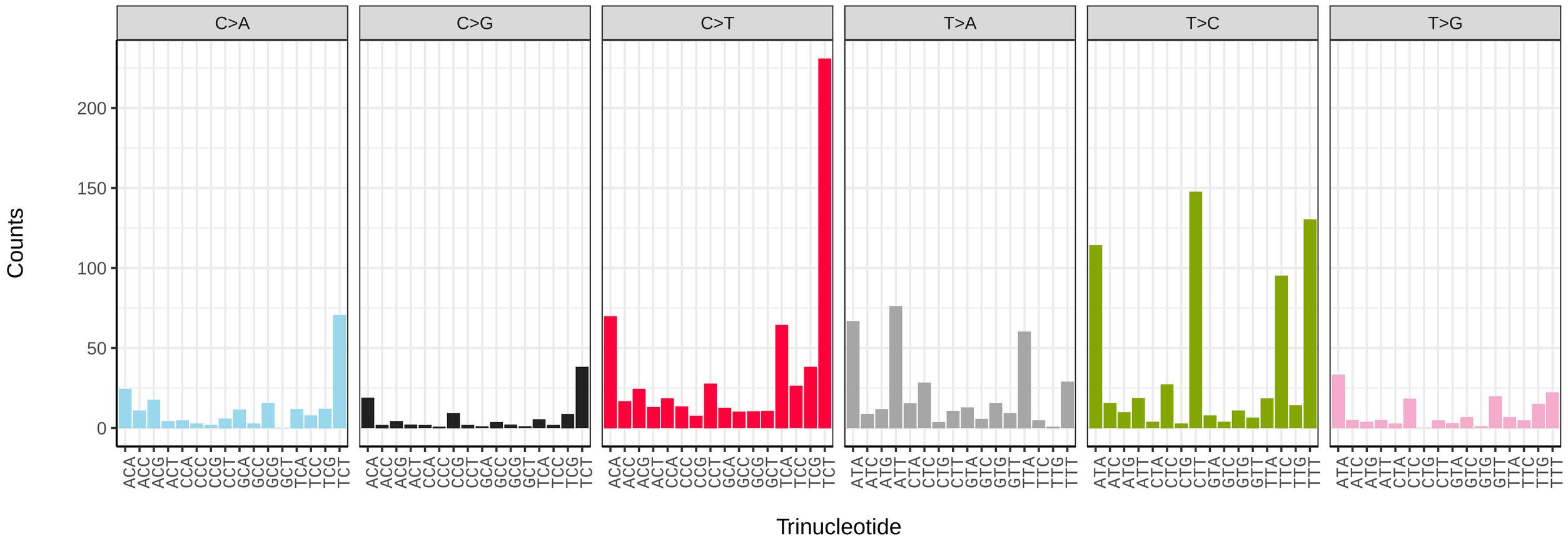
Vespula germanica (iyVesGerm1) somatic mutational spectrum (SBS52 classification)



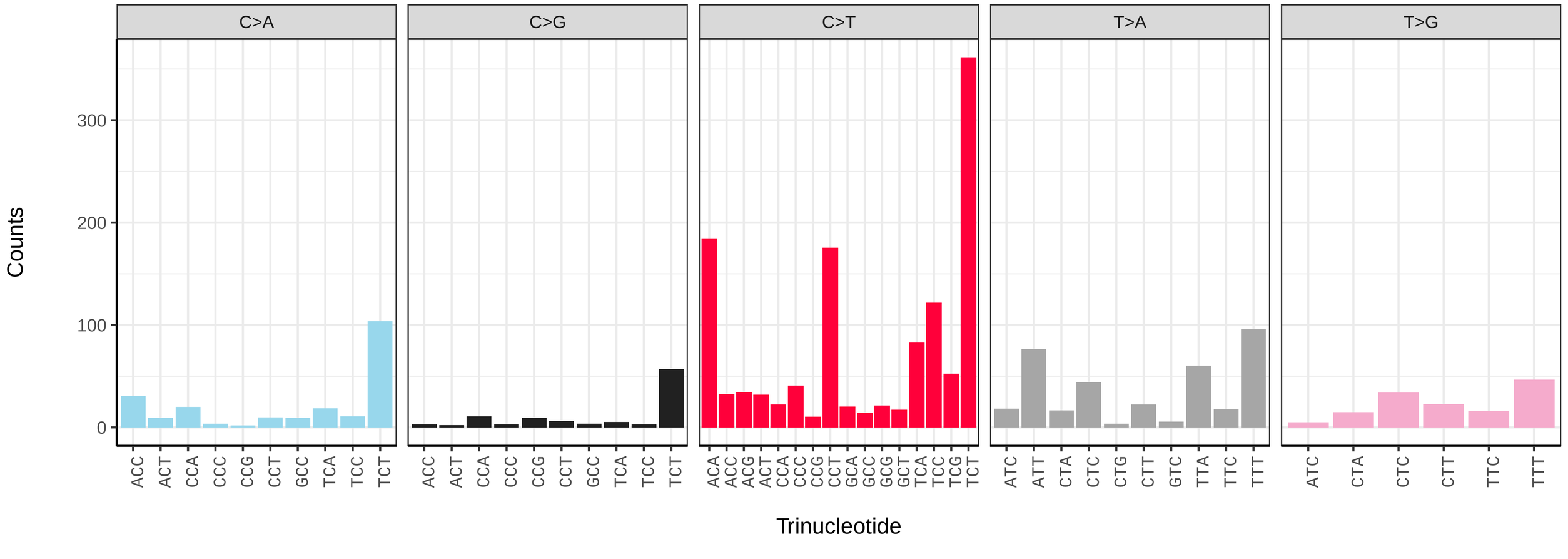
Vespula vulgaris (iyVesVulg1) germline mutational spectrum



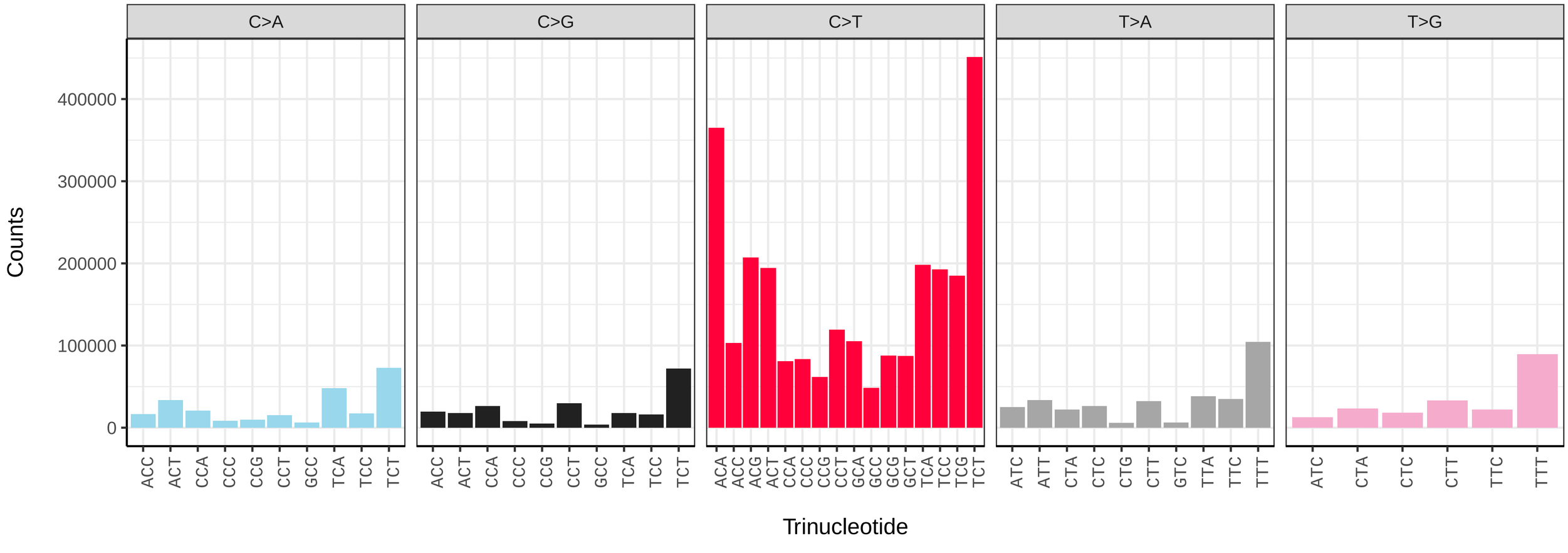
Vespula vulgaris (iyVesVulg1) somatic mutational spectrum (SBS96 classification)



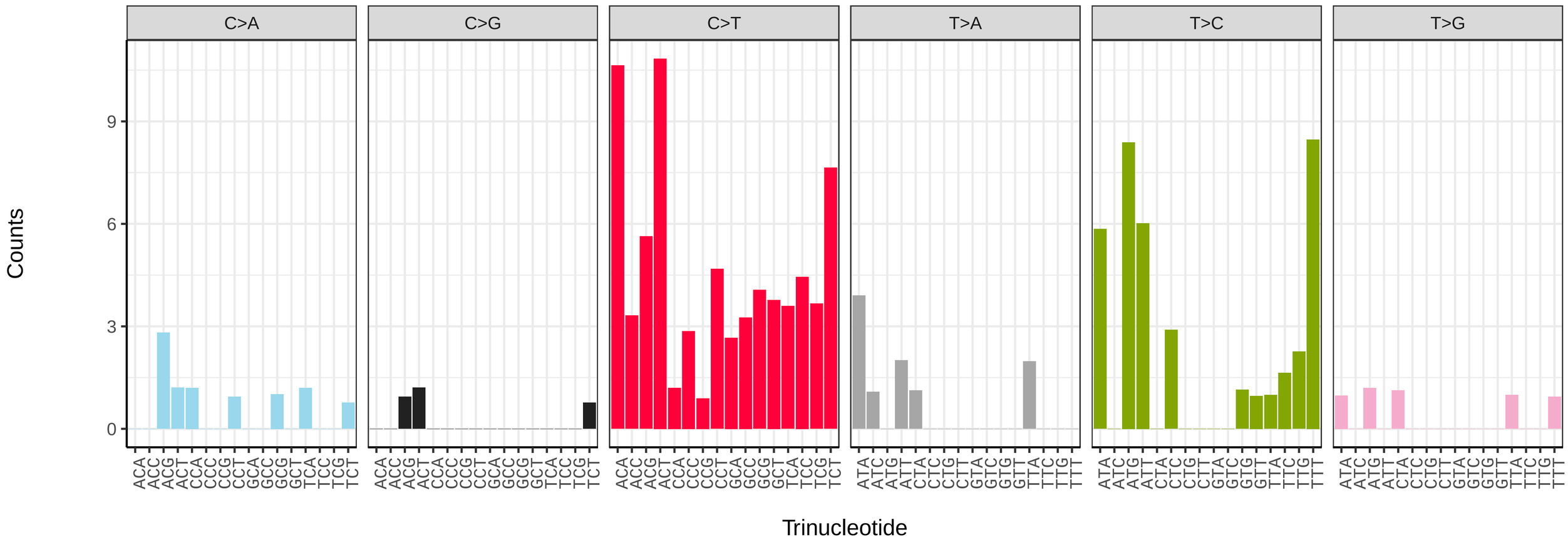
Vespula vulgaris (iyVesVulg1) somatic mutational spectrum (SBS52 classification)



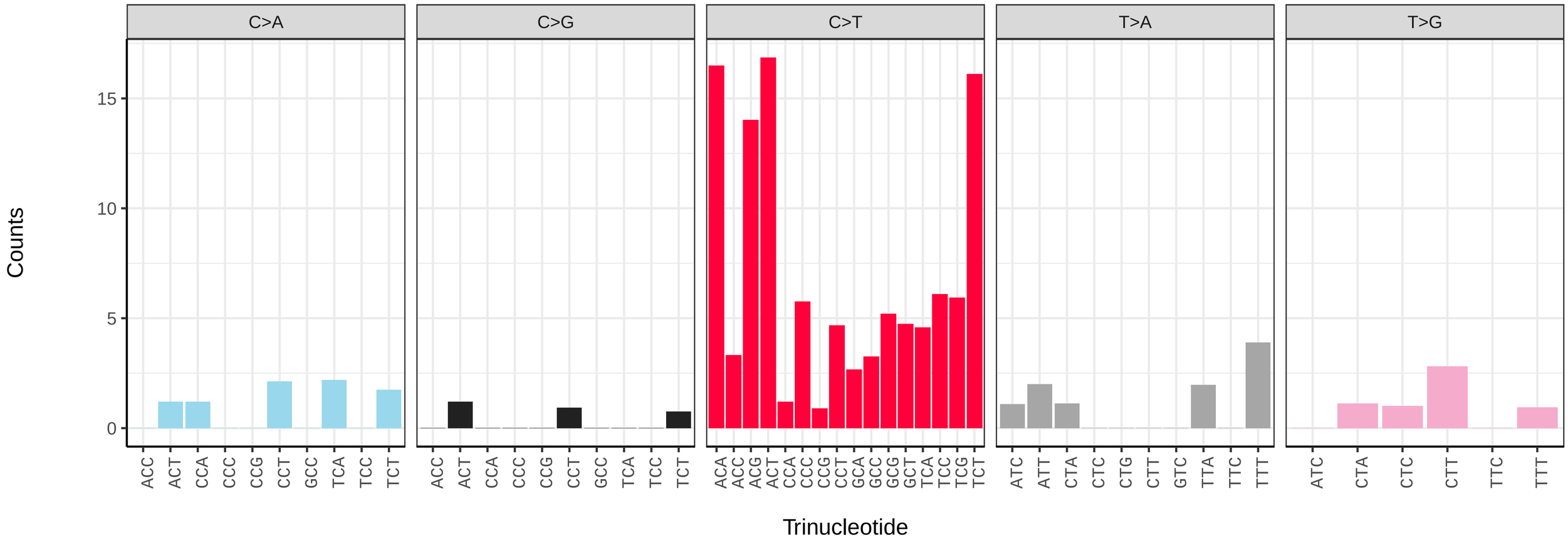
Vespula vulgaris (iyVesVulg1.iyVesVulg2) germline mutational spectrum



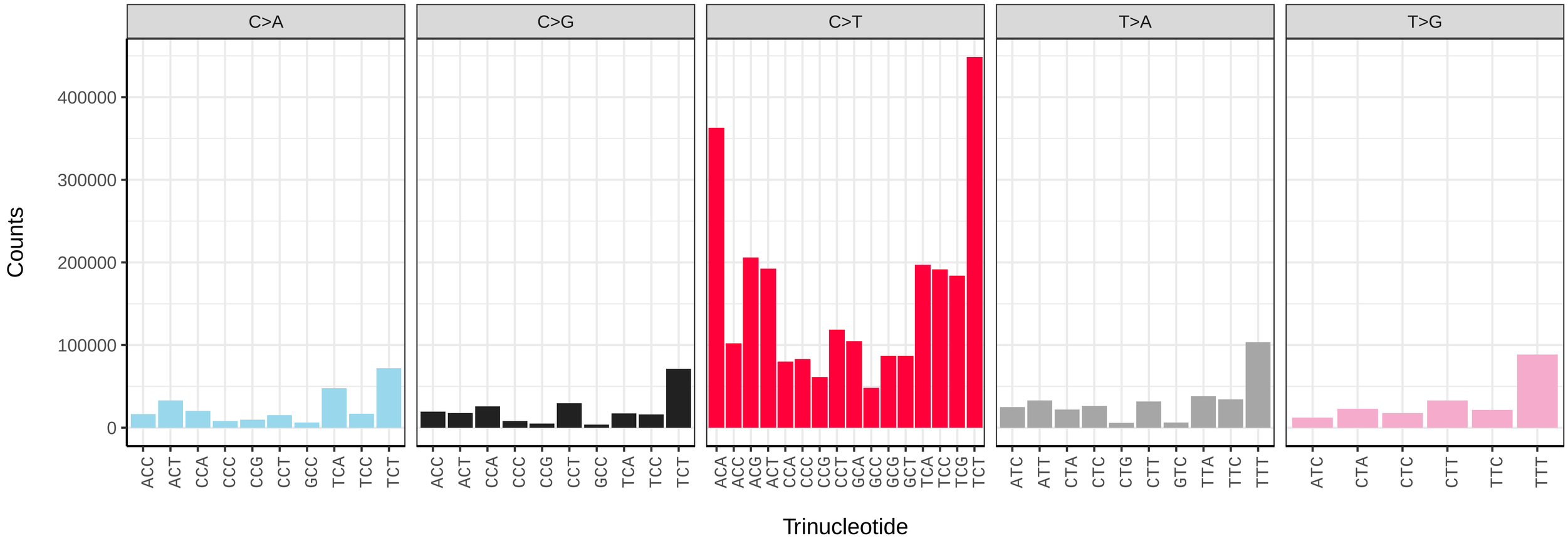
Vespula vulgaris (iyVesVulg1.iyVesVulg2) somatic mutational spectrum (SBS96 classification)



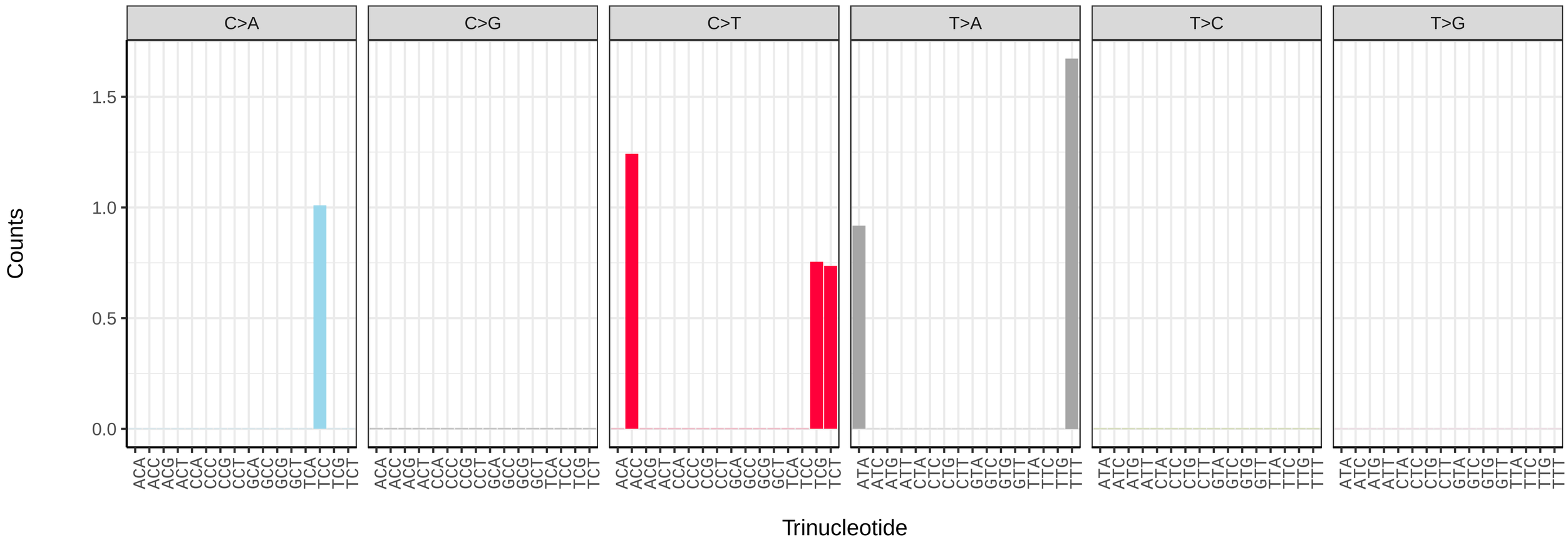
Vespula vulgaris (iyVesVulg1.iyVesVulg2) somatic mutational spectrum (SBS52 classification)



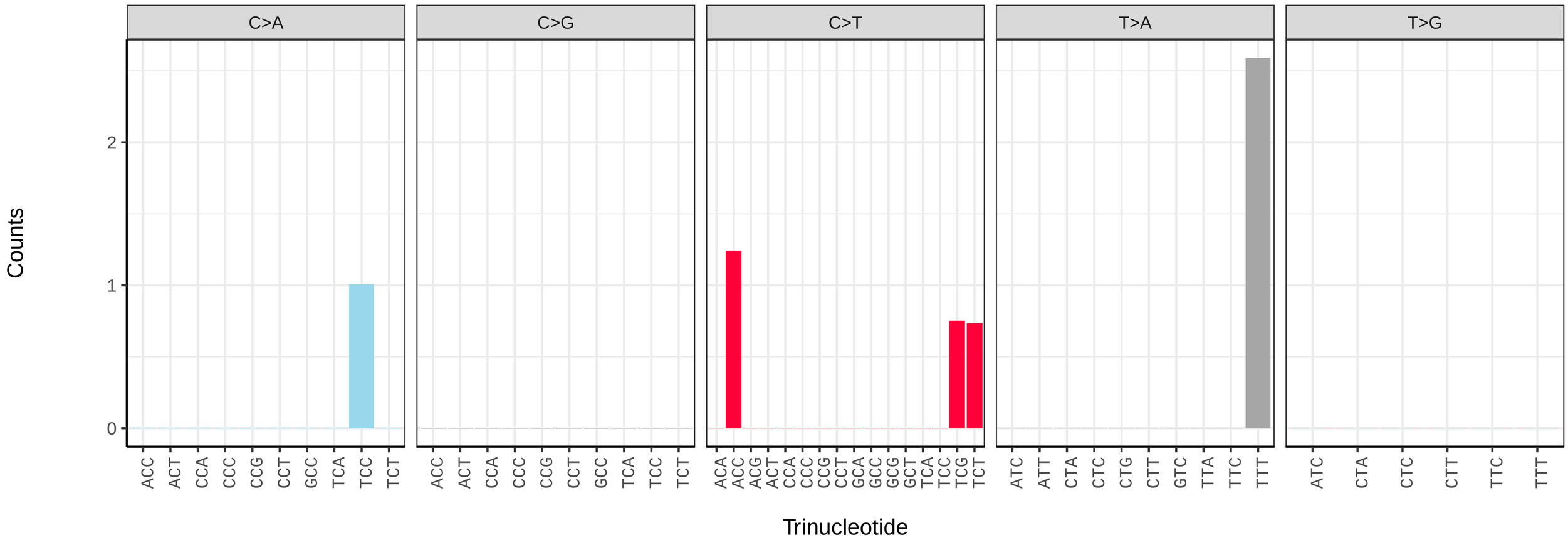
Vespula vulgaris (iyVesVulg1.iyVesVulg3) germline mutational spectrum



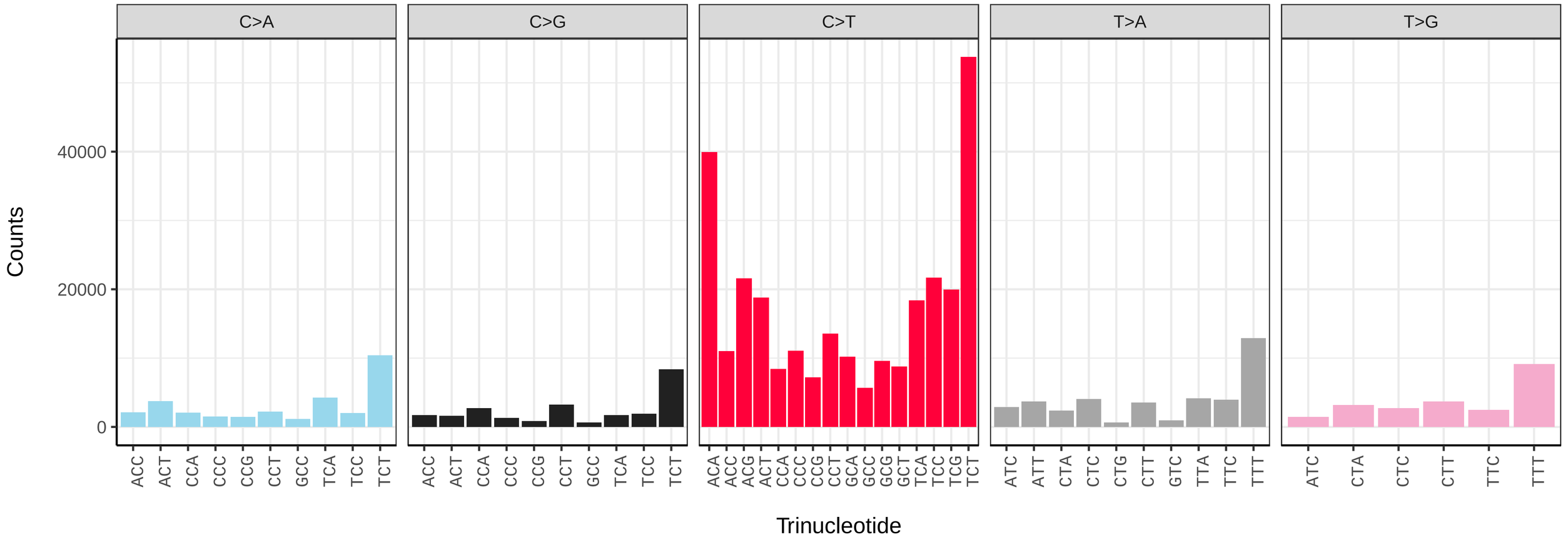
Vespula vulgaris (iyVesVulg1.iyVesVulg3) somatic mutational spectrum (SBS96 classification)



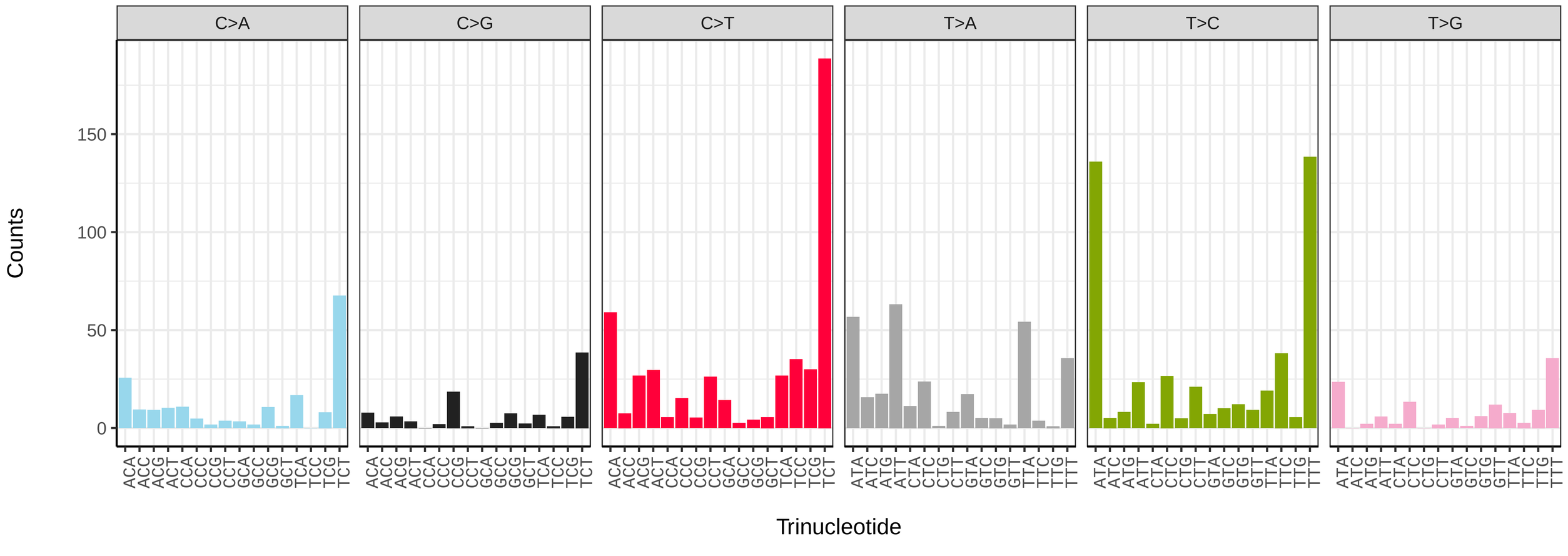
Vespula vulgaris (iyVesVulg1.iyVesVulg3) somatic mutational spectrum (SBS52 classification)



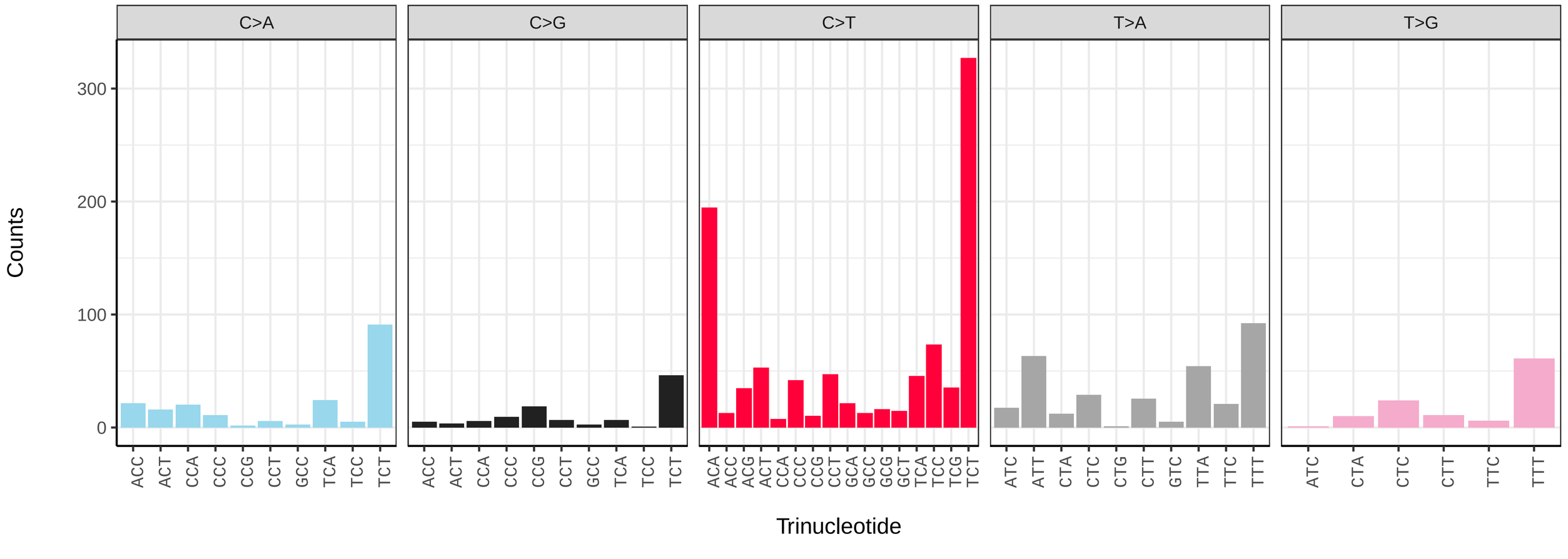
Vespula vulgaris (iyVesVulg1.iyVesVulg5) germline mutational spectrum



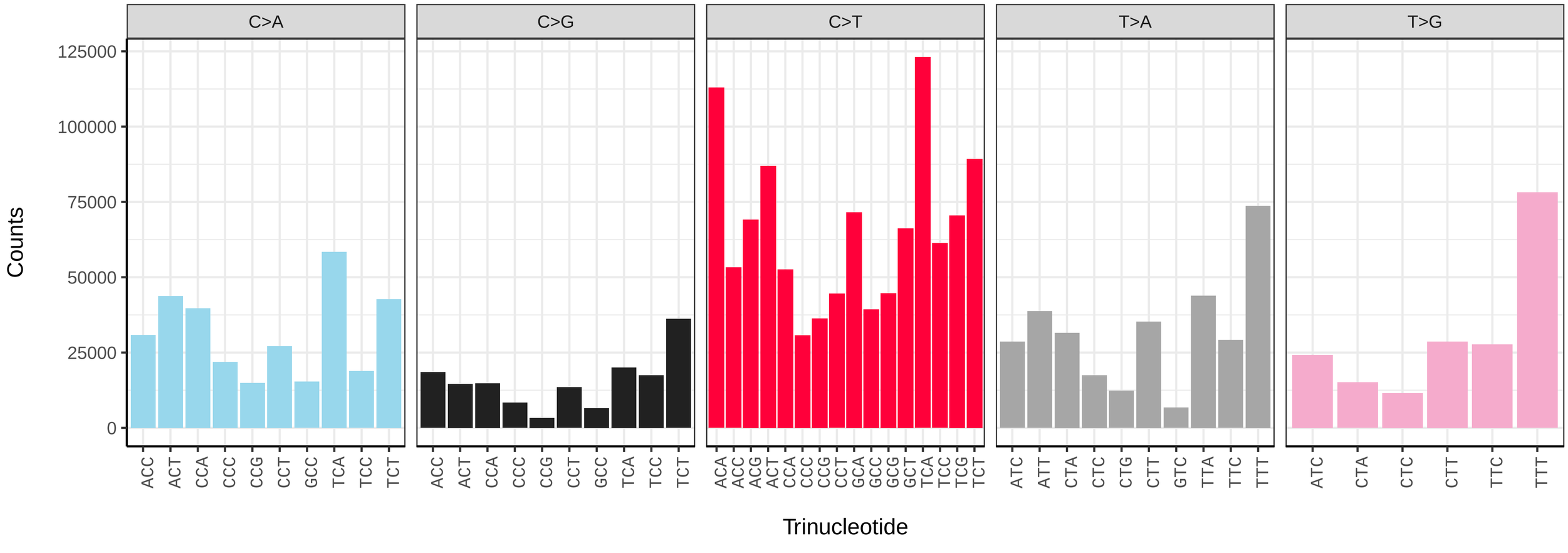
Vespula vulgaris (iyVesVulg1.iyVesVulg5) somatic mutational spectrum (SBS96 classification)



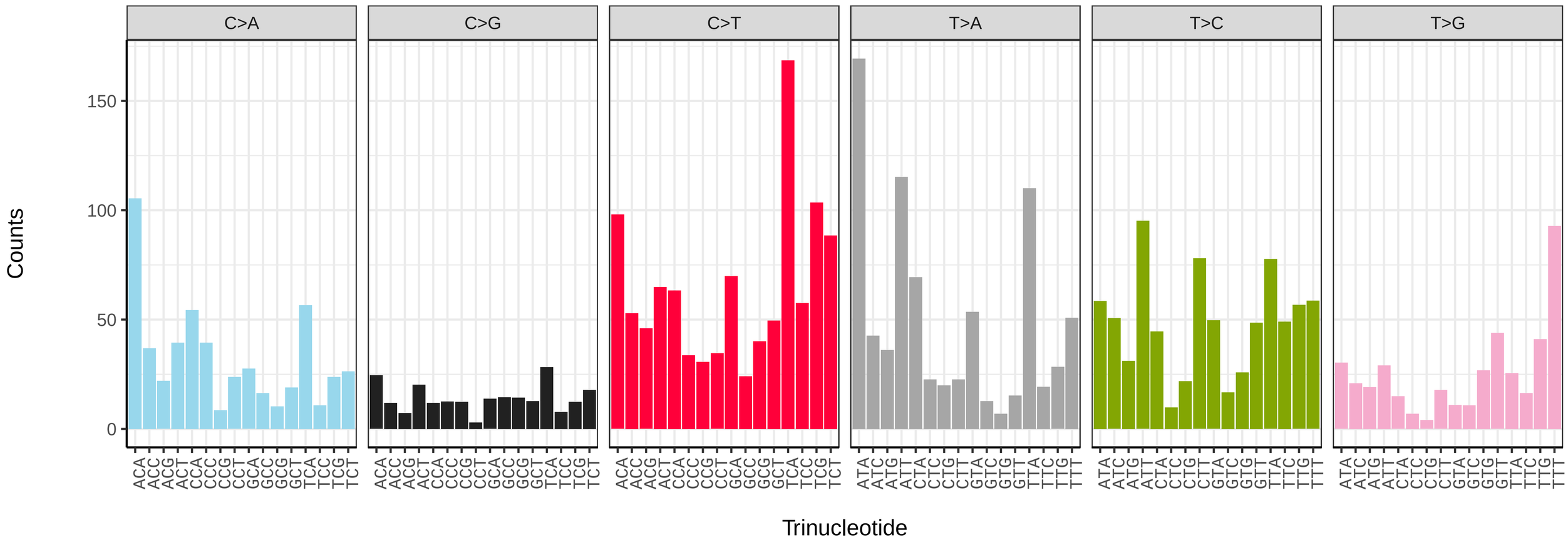
Vespula vulgaris (iyVesVulg1.iyVesVulg5) somatic mutational spectrum (SBS52 classification)



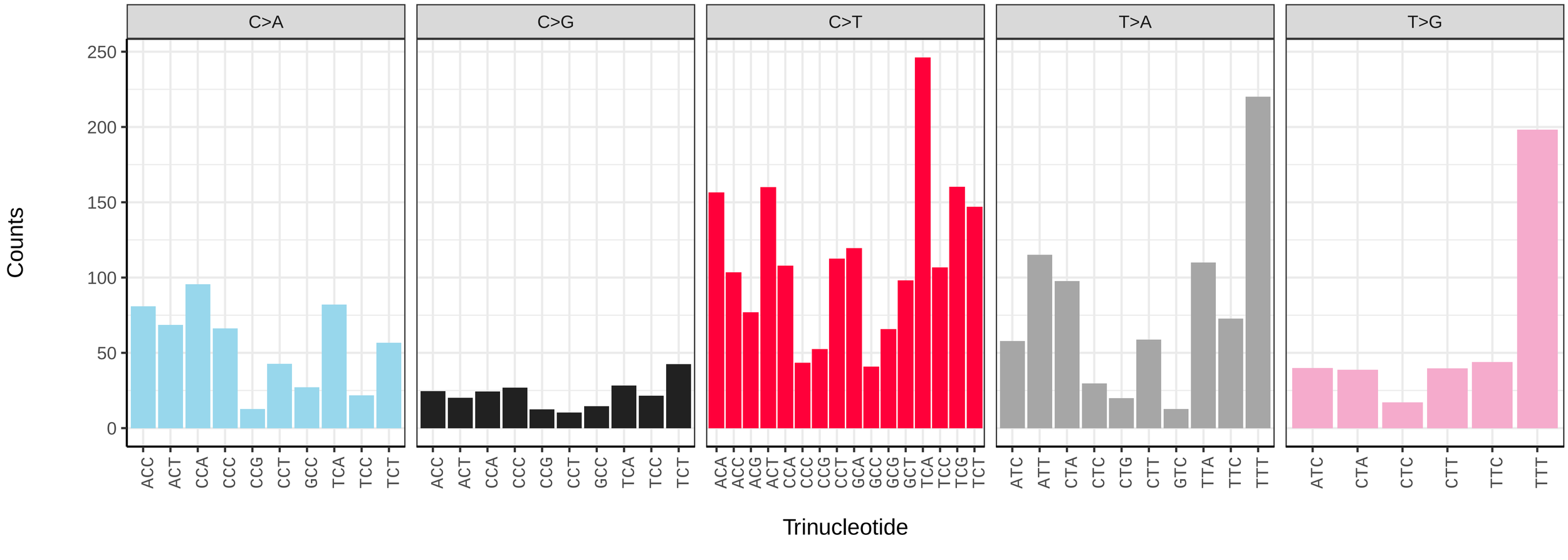
Diadumene lineata (jaDiaLine6) germline mutational spectrum



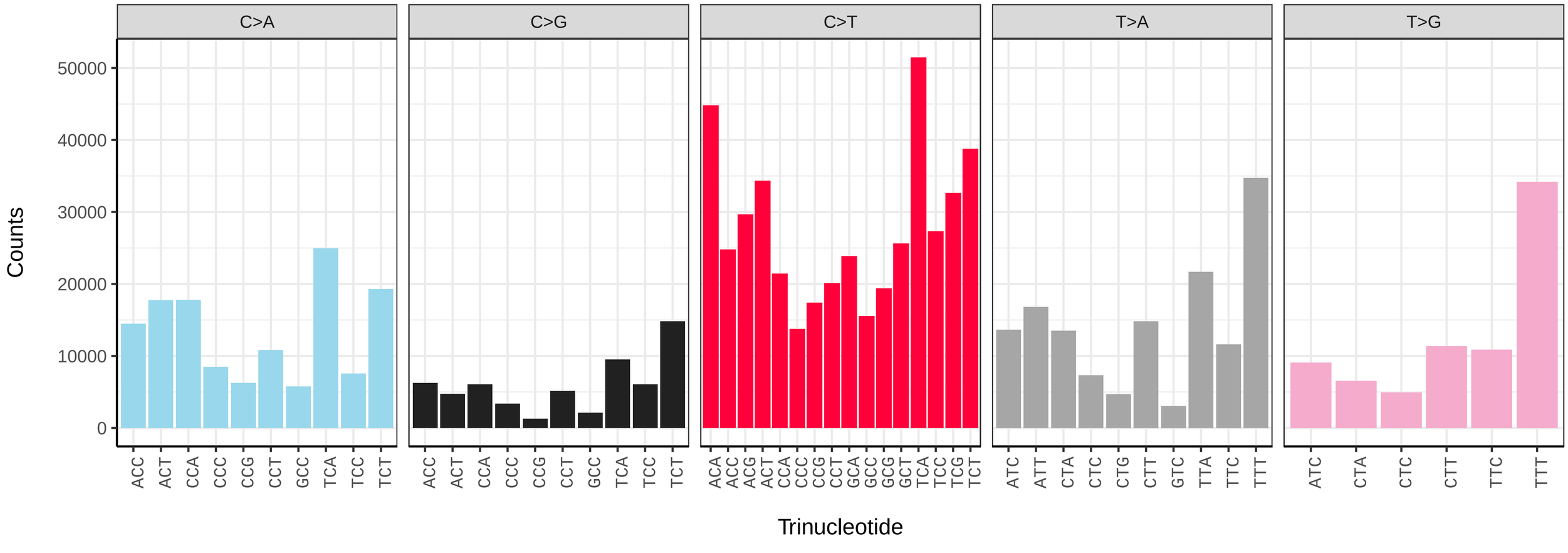
Diadumene lineata (jaDiaLine6) somatic mutational spectrum (SBS96 classification)



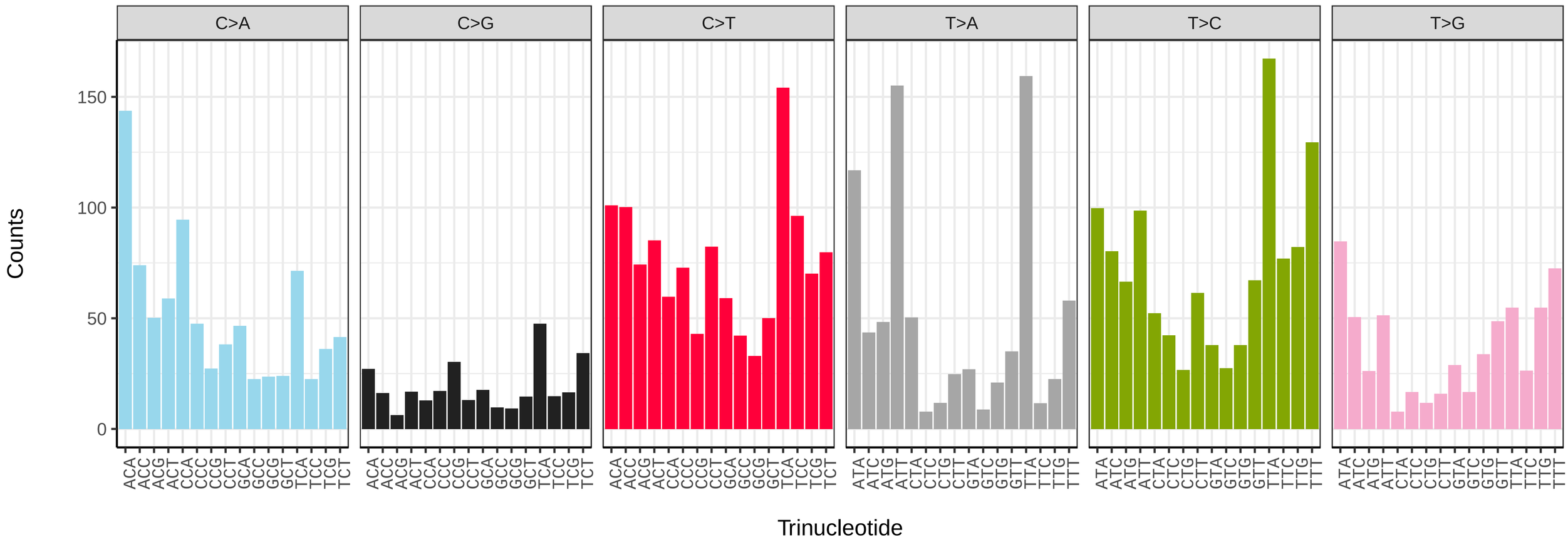
Diadumene lineata (jaDiaLine6) somatic mutational spectrum (SBS52 classification)



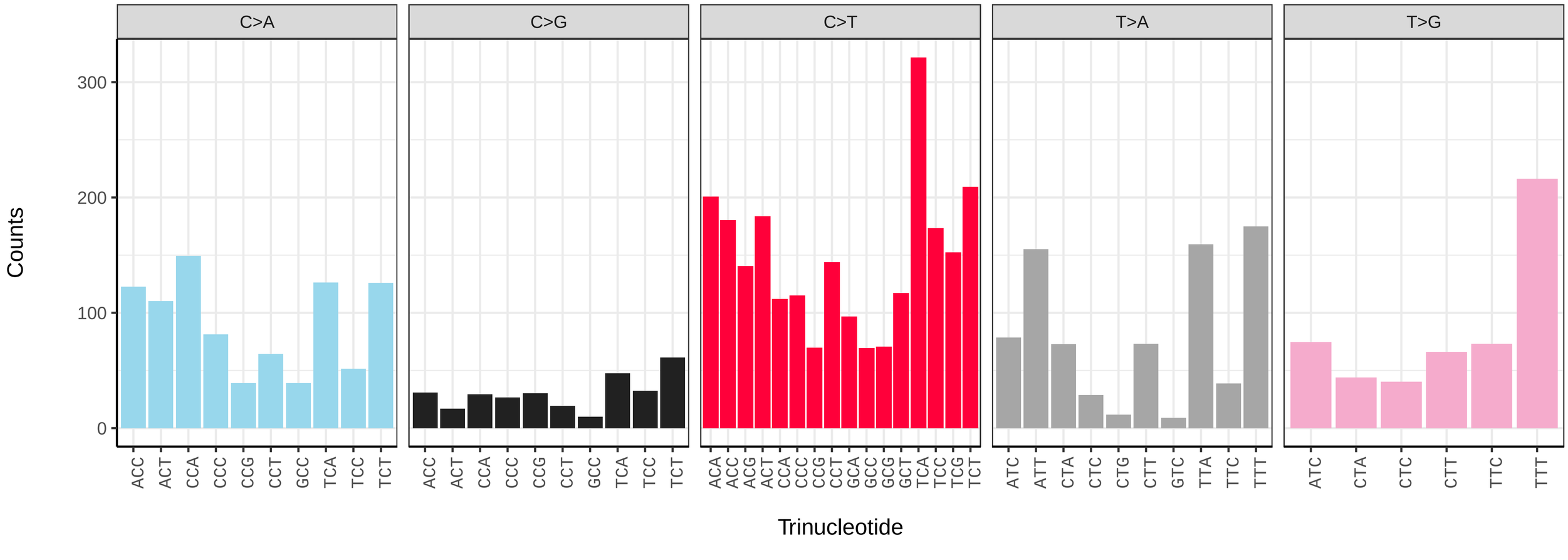
Metridium senile (jaMetSeni4) germline mutational spectrum



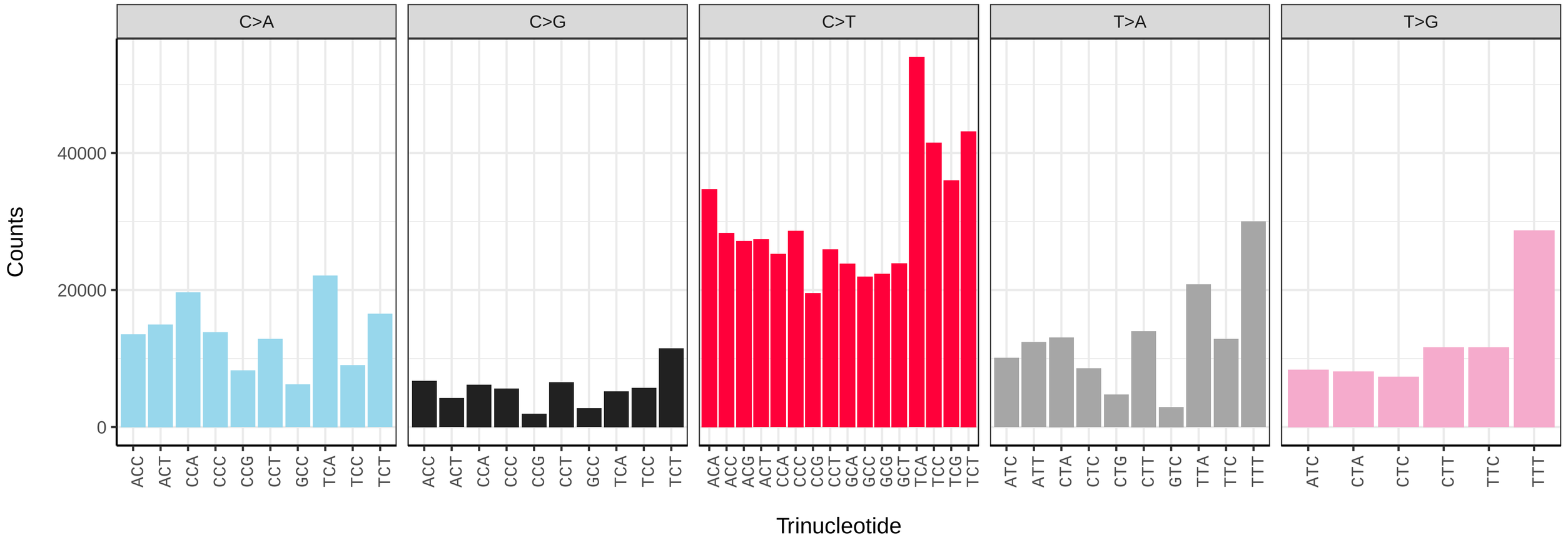
Metridium senile (jaMetSeni4) somatic mutational spectrum (SBS96 classification)



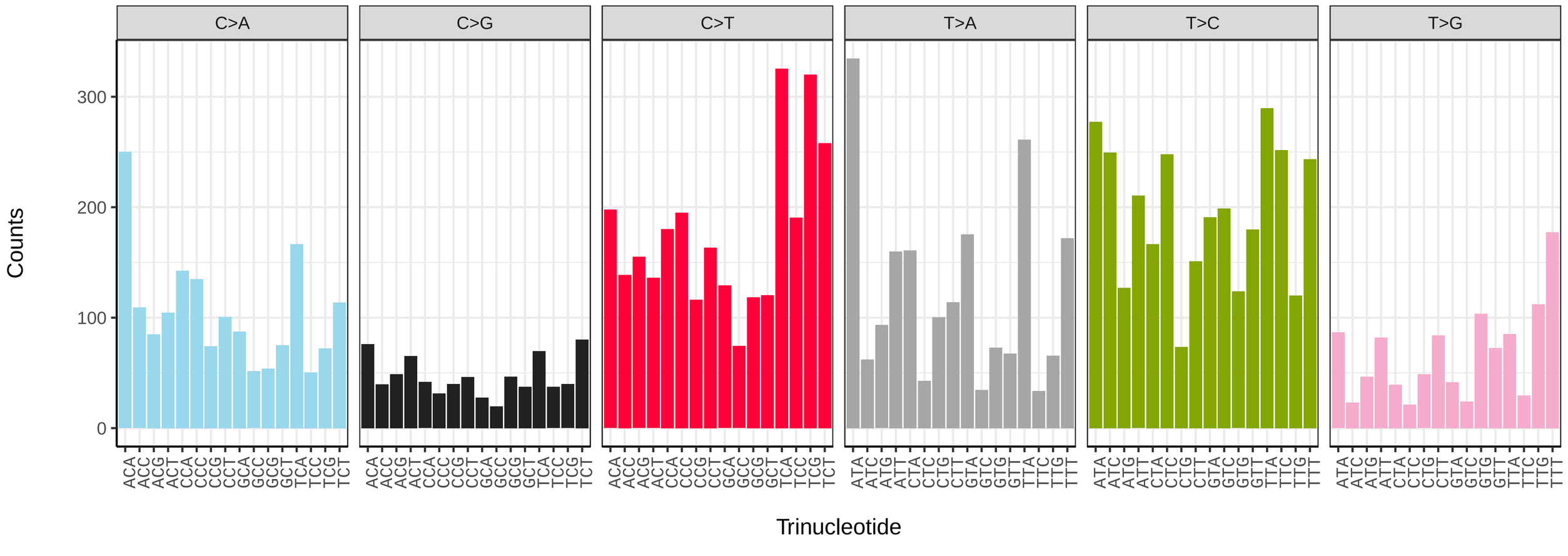
Metridium senile (jaMetSeni4) somatic mutational spectrum (SBS52 classification)



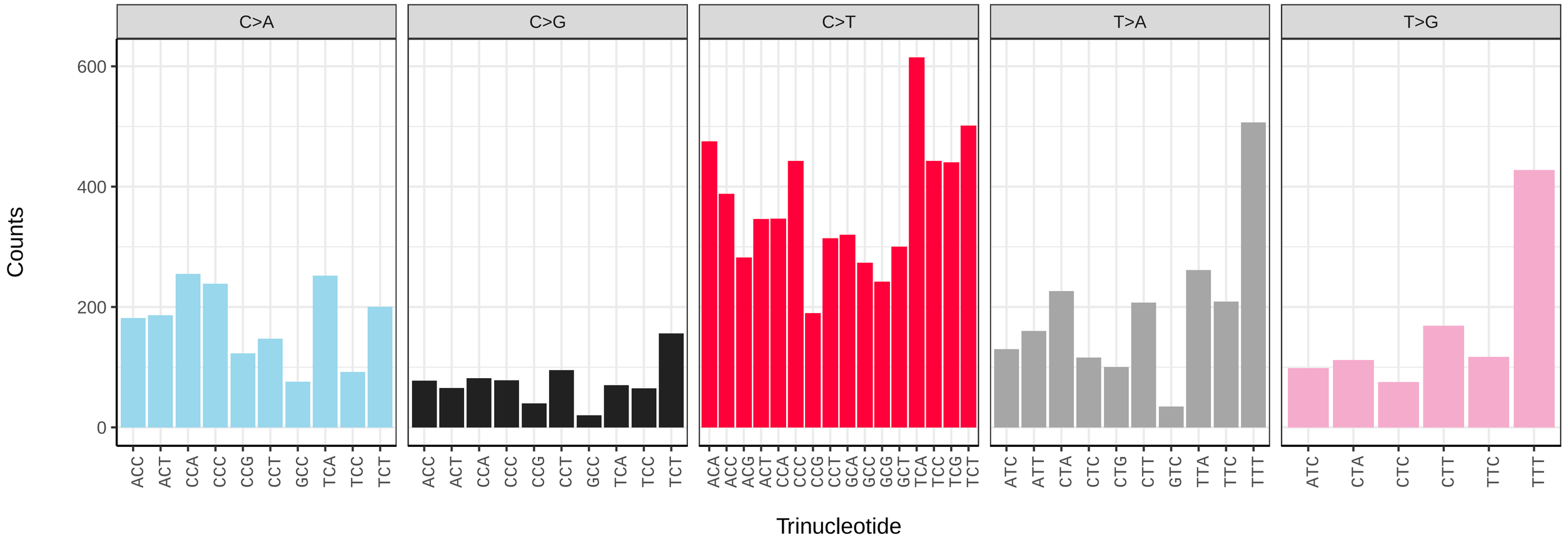
Nematostella vectensis (jaNemVect1) germline mutational spectrum



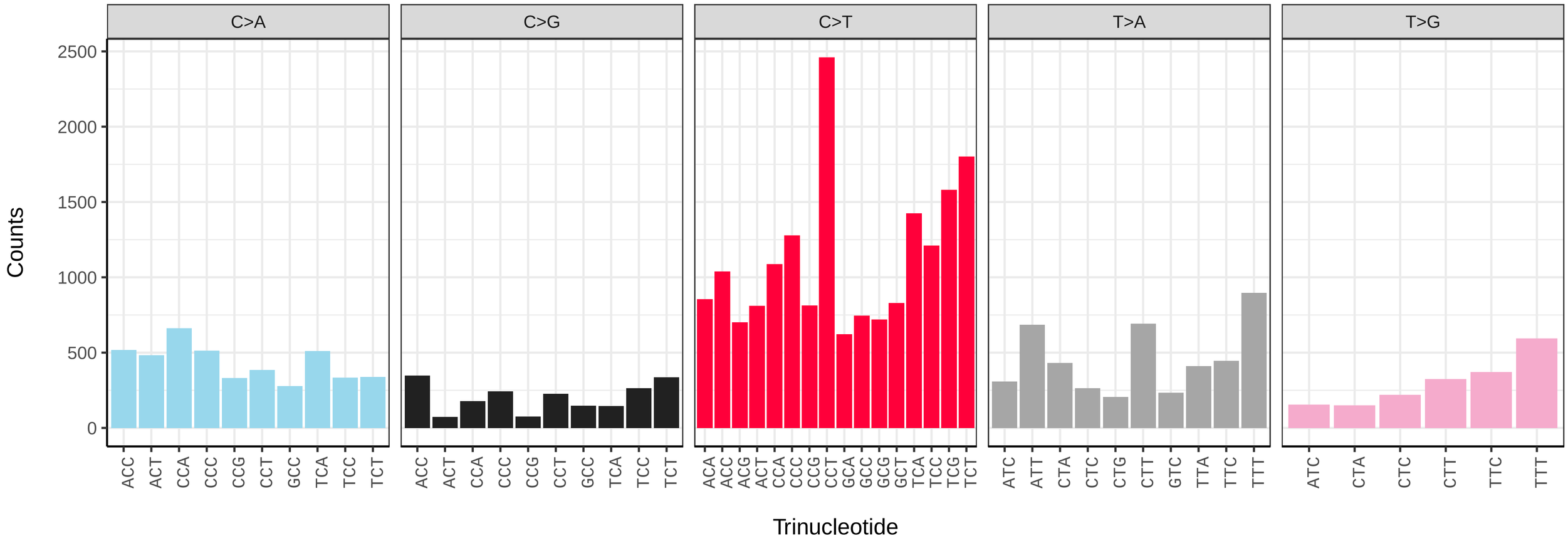
Nematostella vectensis (jaNemVect1) somatic mutational spectrum (SBS96 classification)



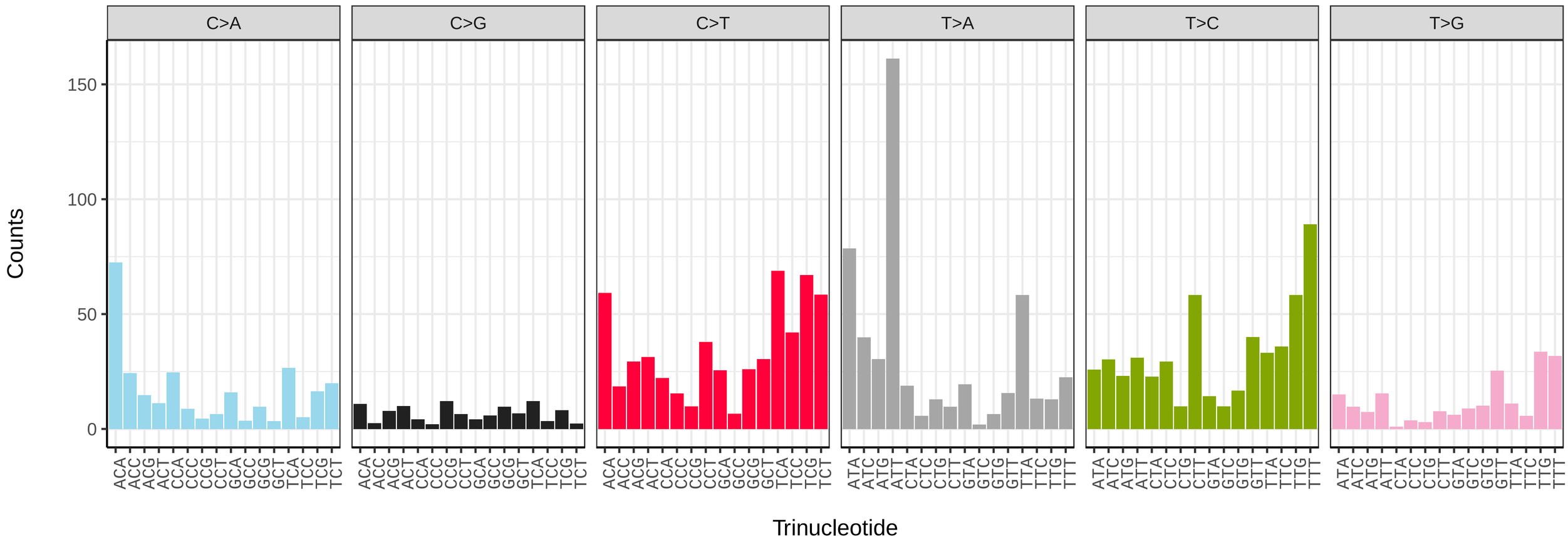
Nematostella vectensis (jaNemVect1) somatic mutational spectrum (SBS52 classification)



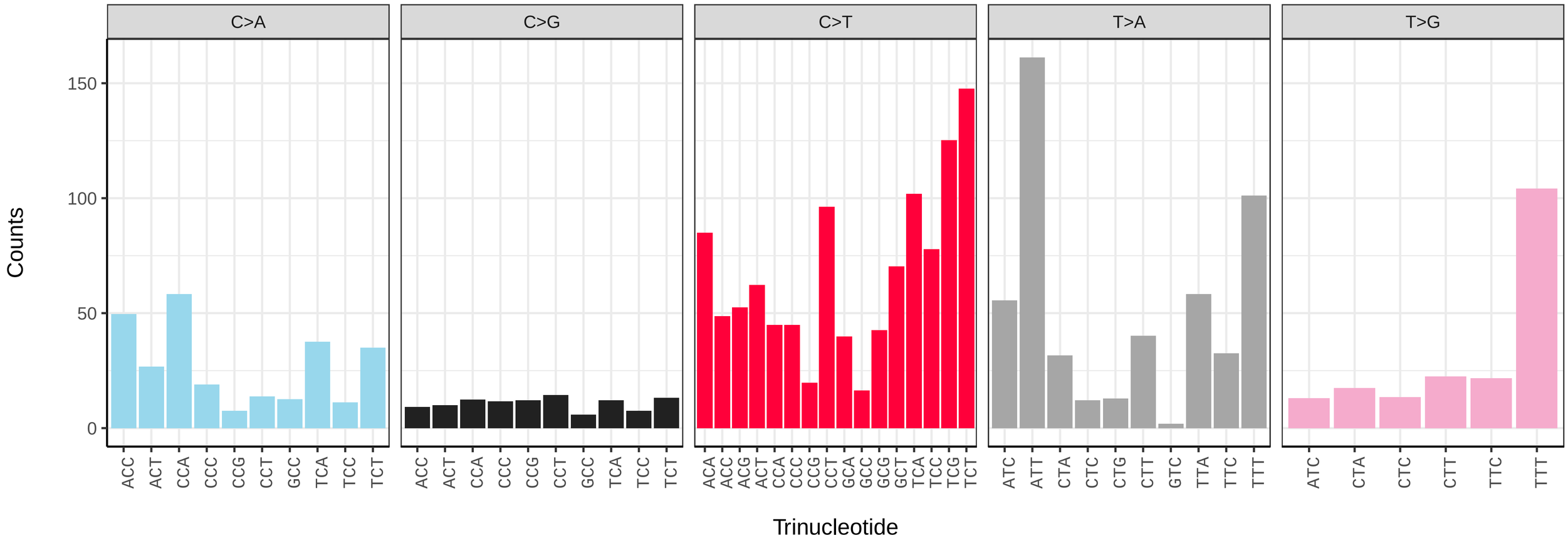
Candelabrum cocksii (jhCanCock6) germline mutational spectrum



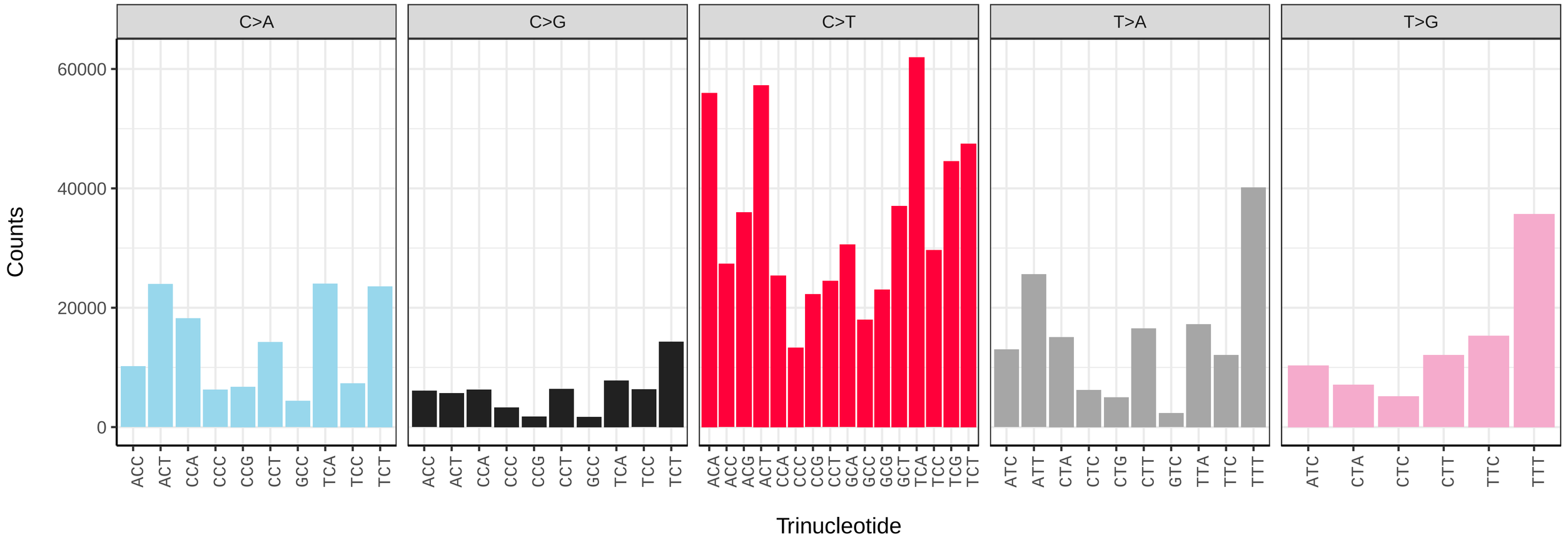
Candelabrum cocksii (jhCanCock6) somatic mutational spectrum (SBS96 classification)



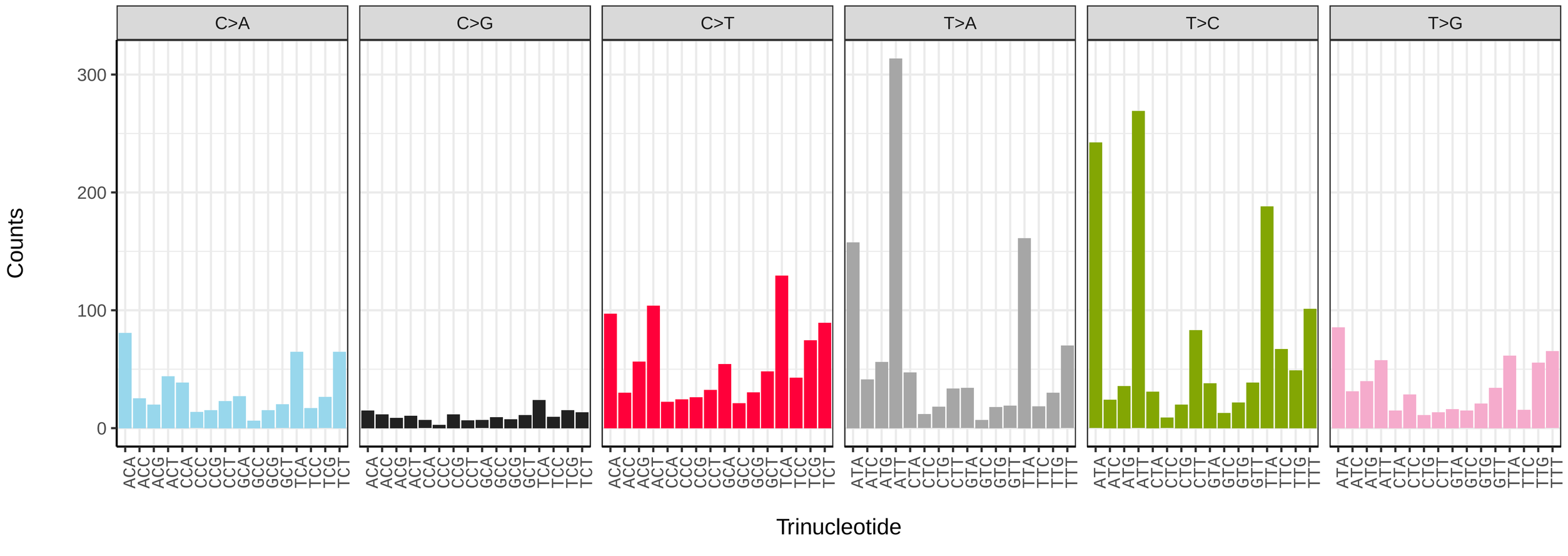
Candelabrum cocksii (jhCanCock6) somatic mutational spectrum (SBS52 classification)



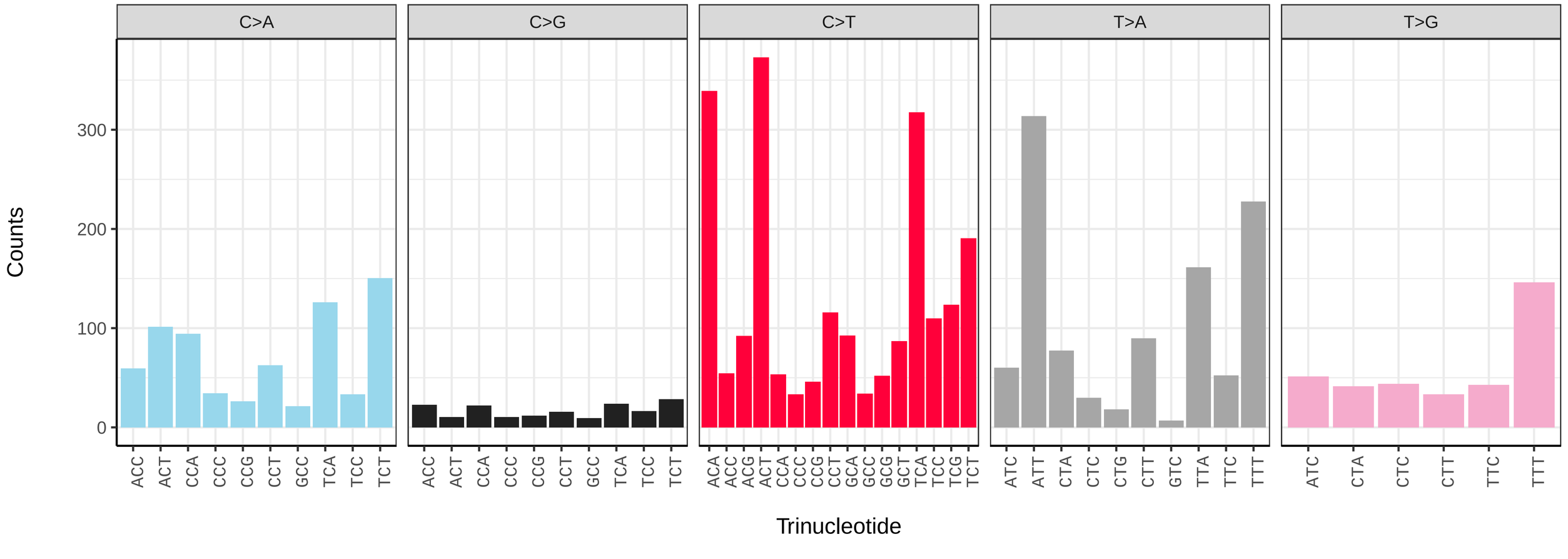
Haliclystus octoradiatus (jrHalOcto1) germline mutational spectrum



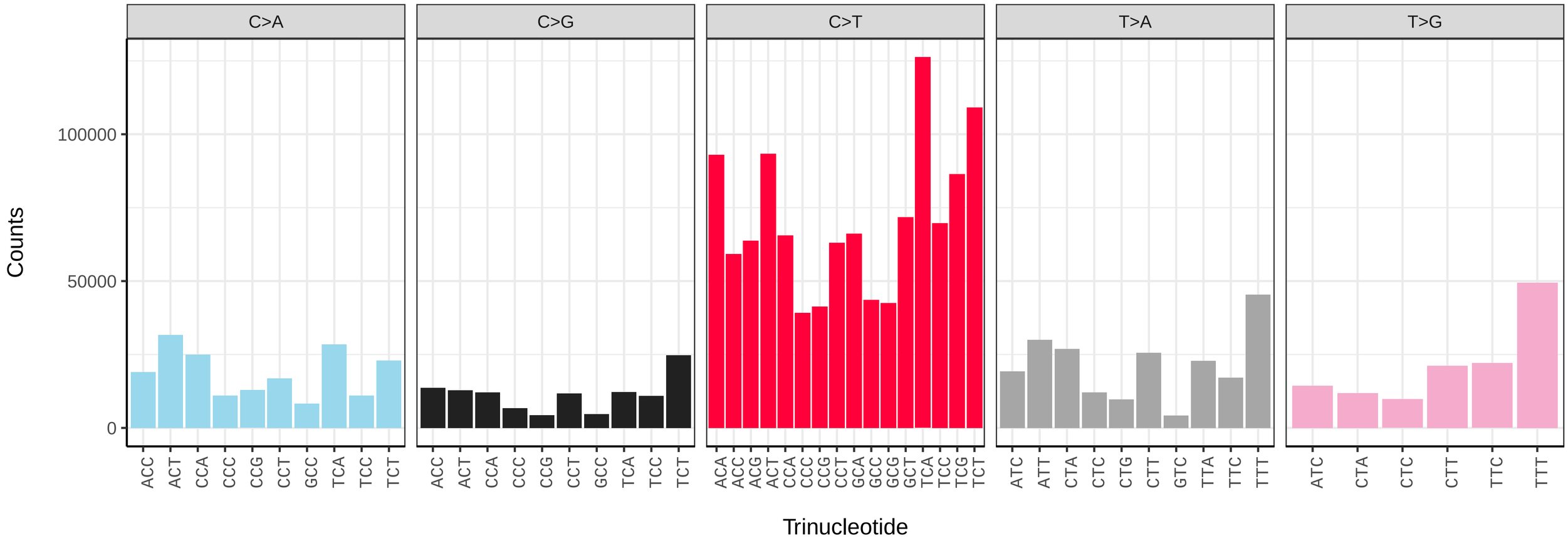
Haliclystus octoradiatus (jrHalOcto1) somatic mutational spectrum (SBS96 classification)



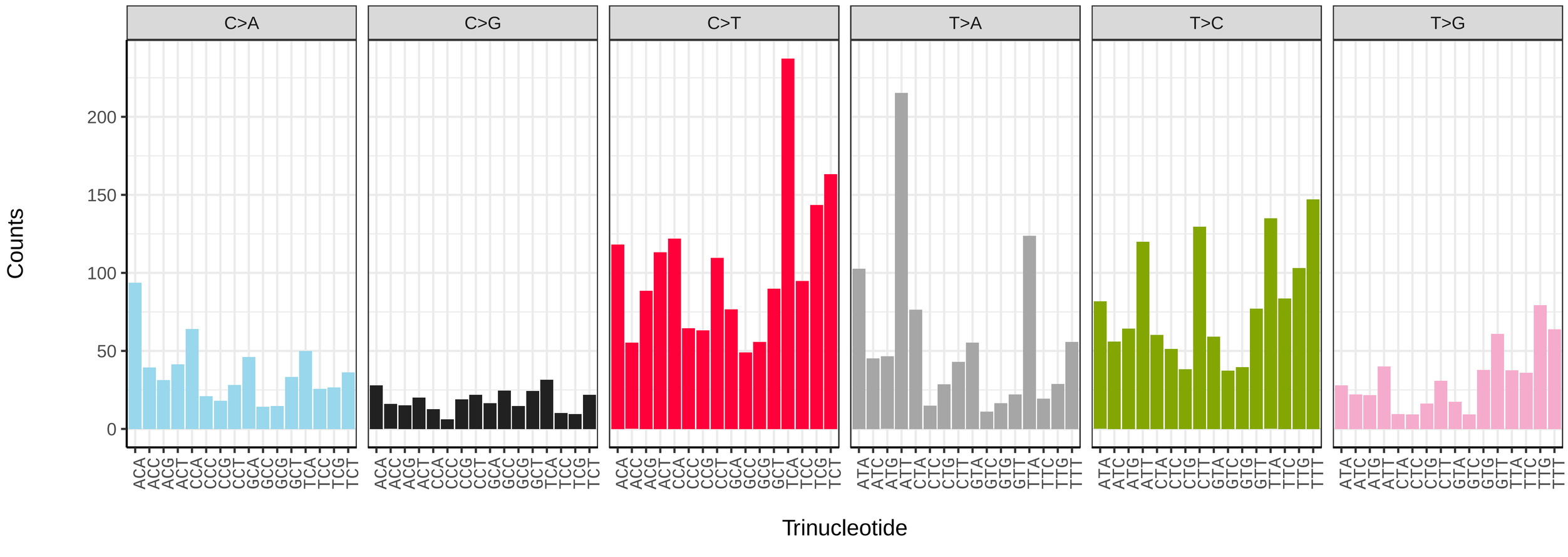
Haliclystus octoradiatus (jrHalOcto1) somatic mutational spectrum (SBS52 classification)



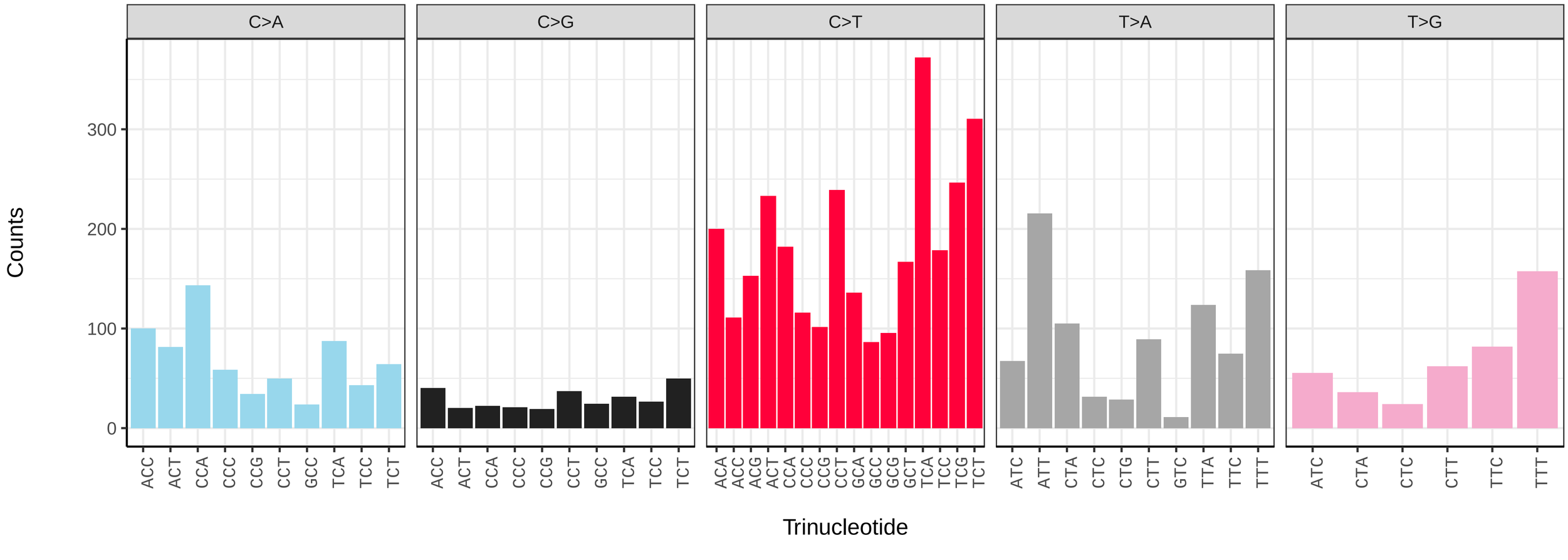
Aplidium turbinatum (kaAplTurb1) germline mutational spectrum



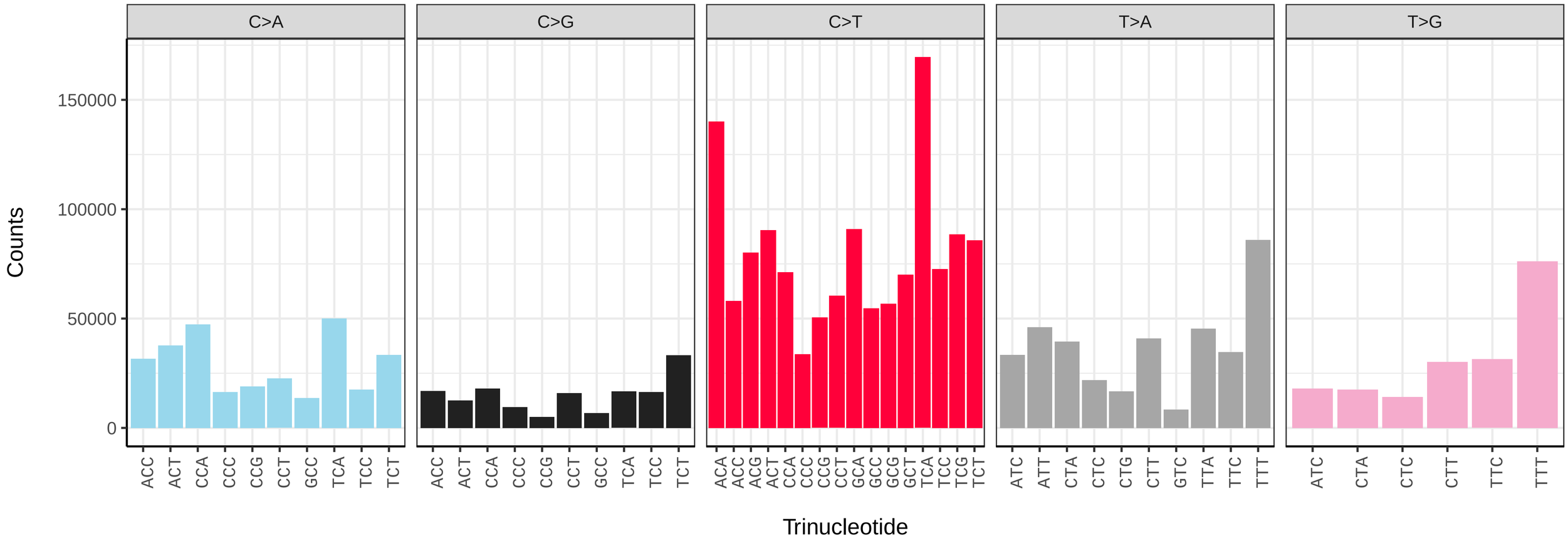
Aplidium turbinatum (kaAplTurb1) somatic mutational spectrum (SBS96 classification)



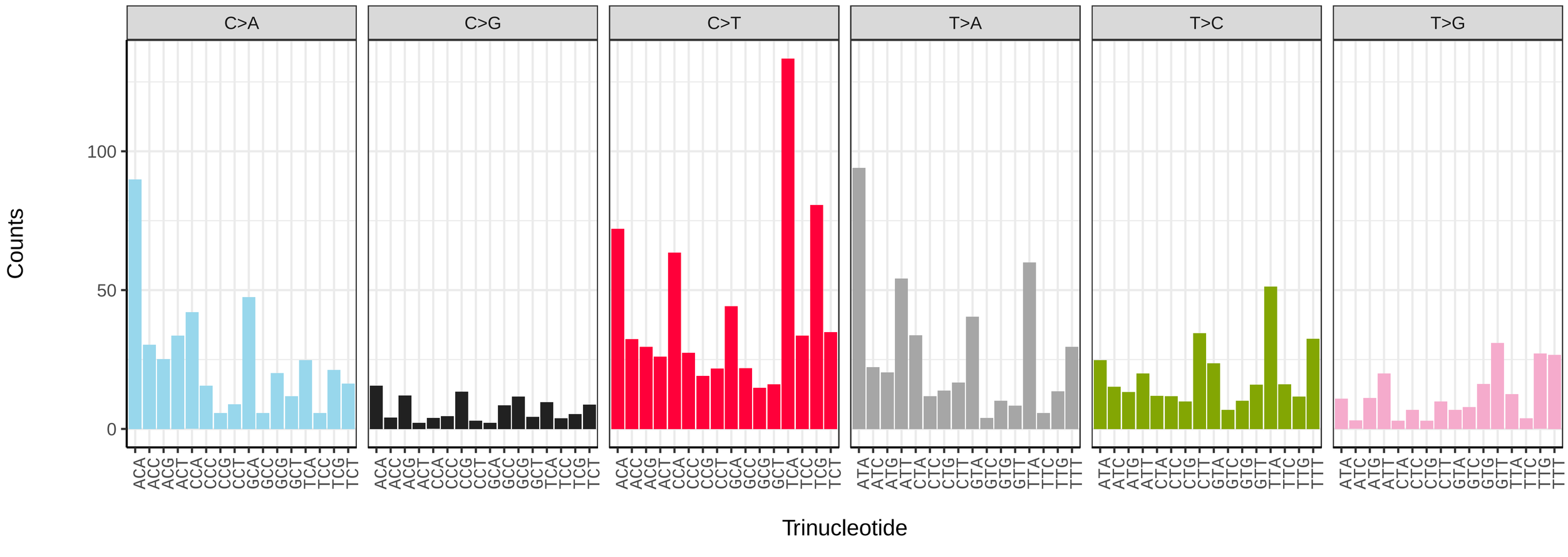
Aplidium turbinatum (kaAplTurb1) somatic mutational spectrum (SBS52 classification)



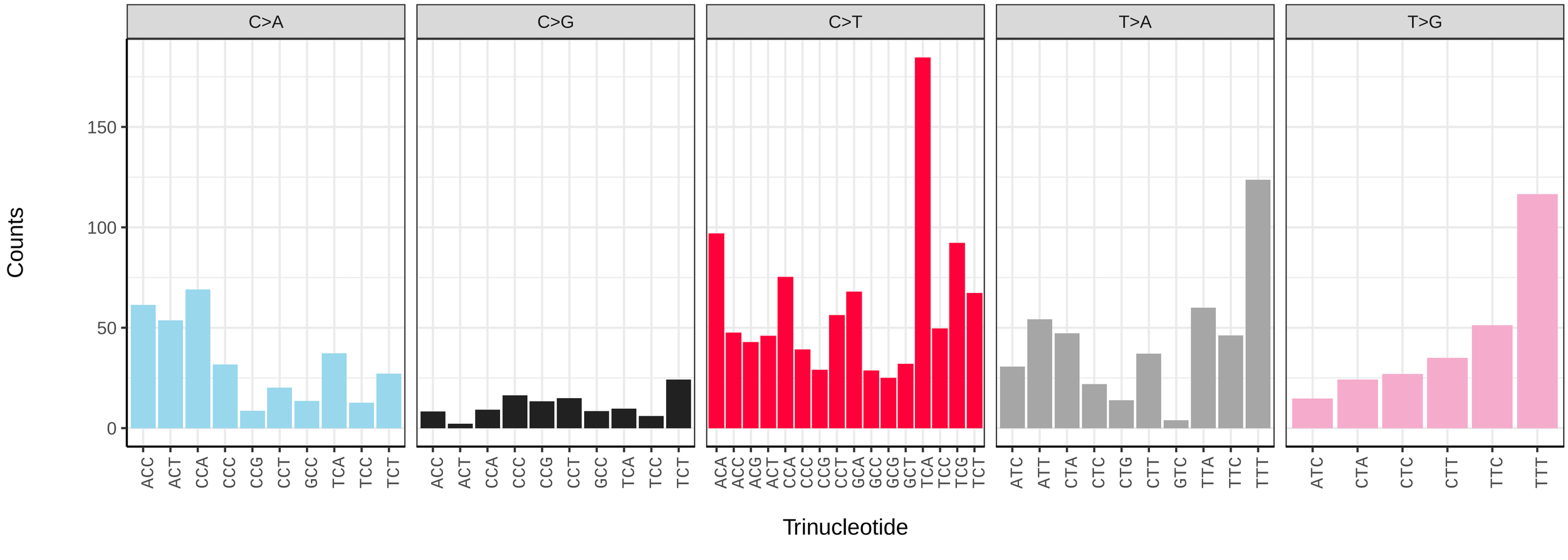
Ascidia mentula (kaAscMent1) germline mutational spectrum



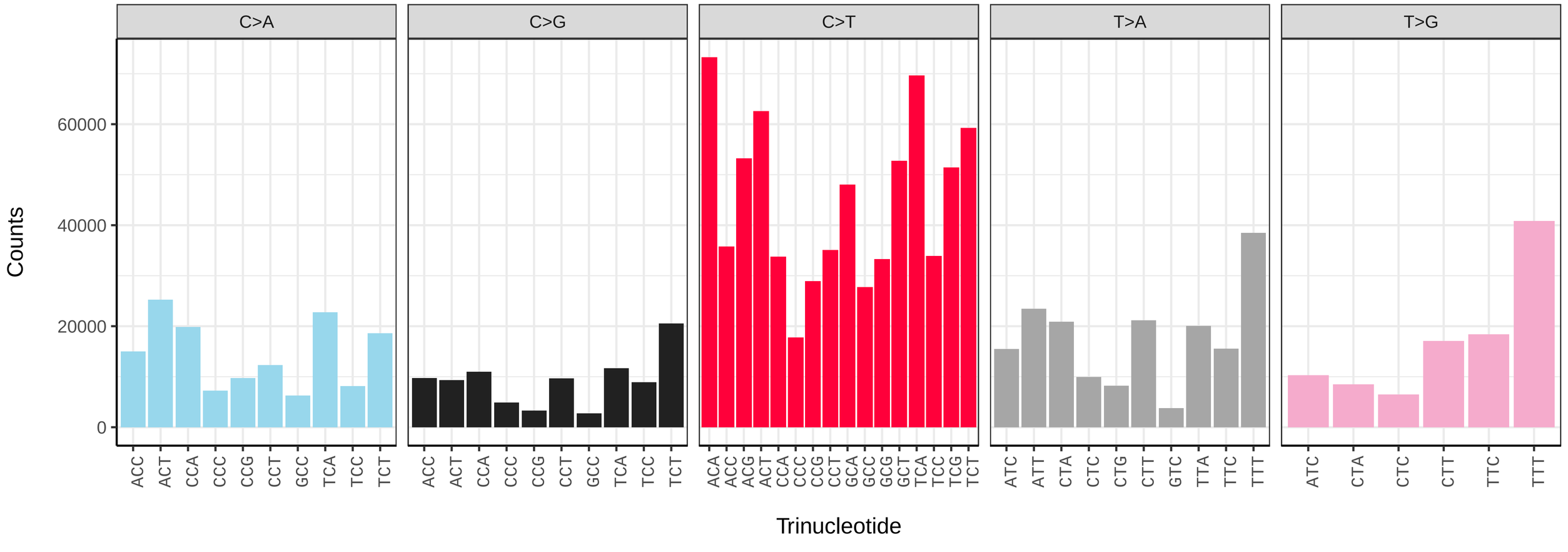
Ascidia mentula (kaAscMent1) somatic mutational spectrum (SBS96 classification)



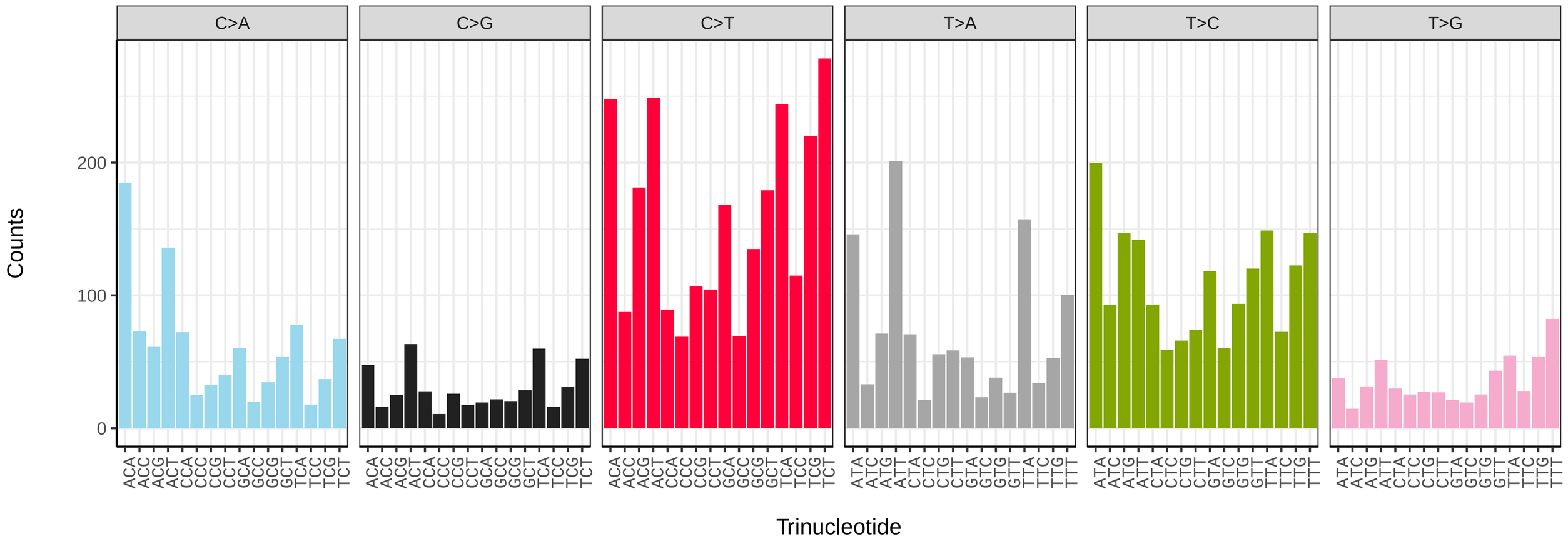
Ascidia mentula (kaAscMent1) somatic mutational spectrum (SBS52 classification)



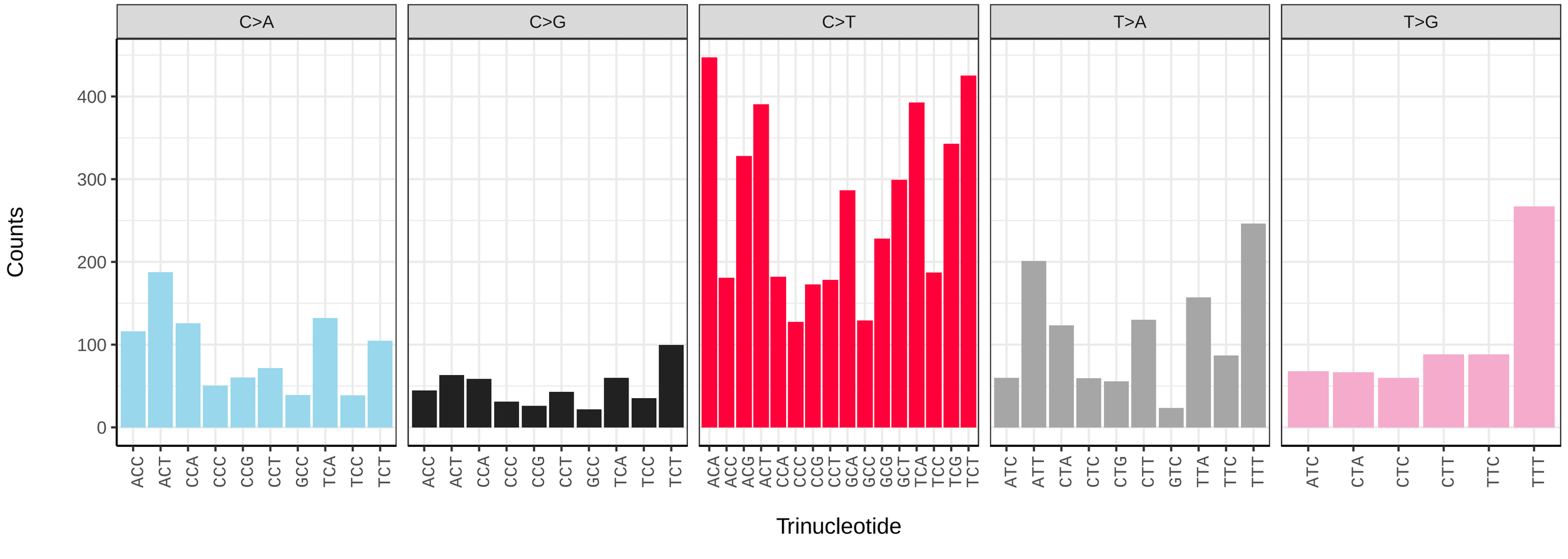
Clavelina lepadiformis (kaClaLepa1) germline mutational spectrum



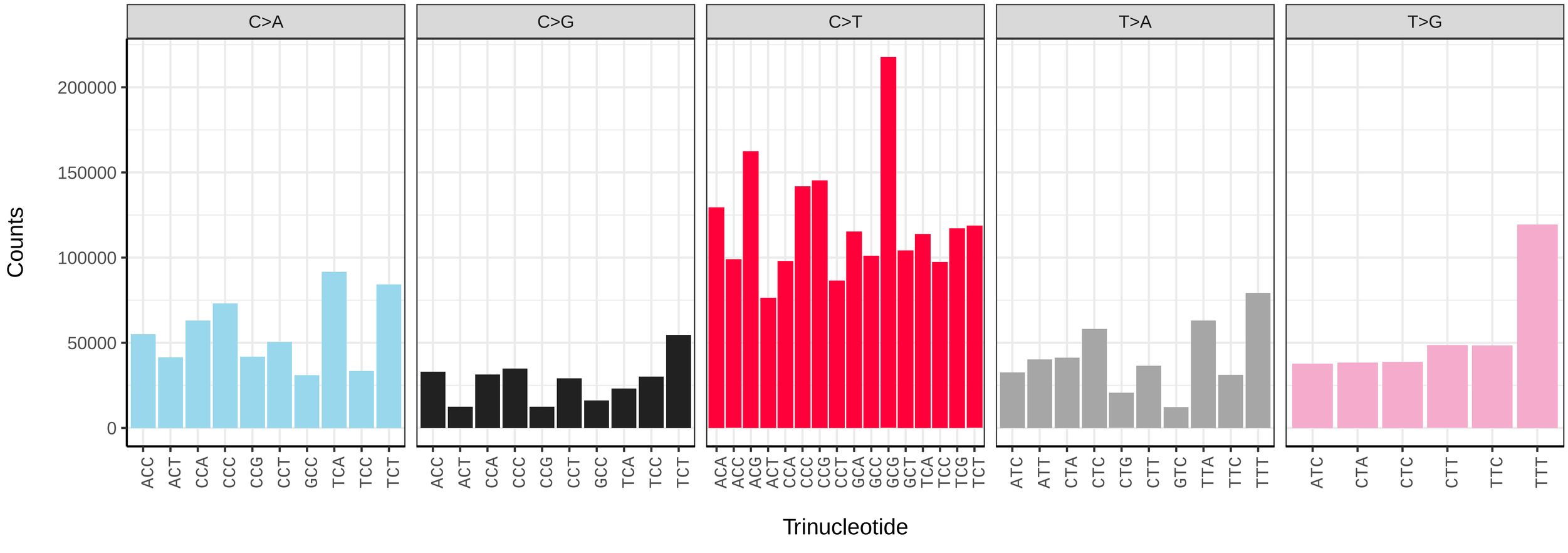
Clavelina lepadiformis (kaClaLepa1) somatic mutational spectrum (SBS96 classification)



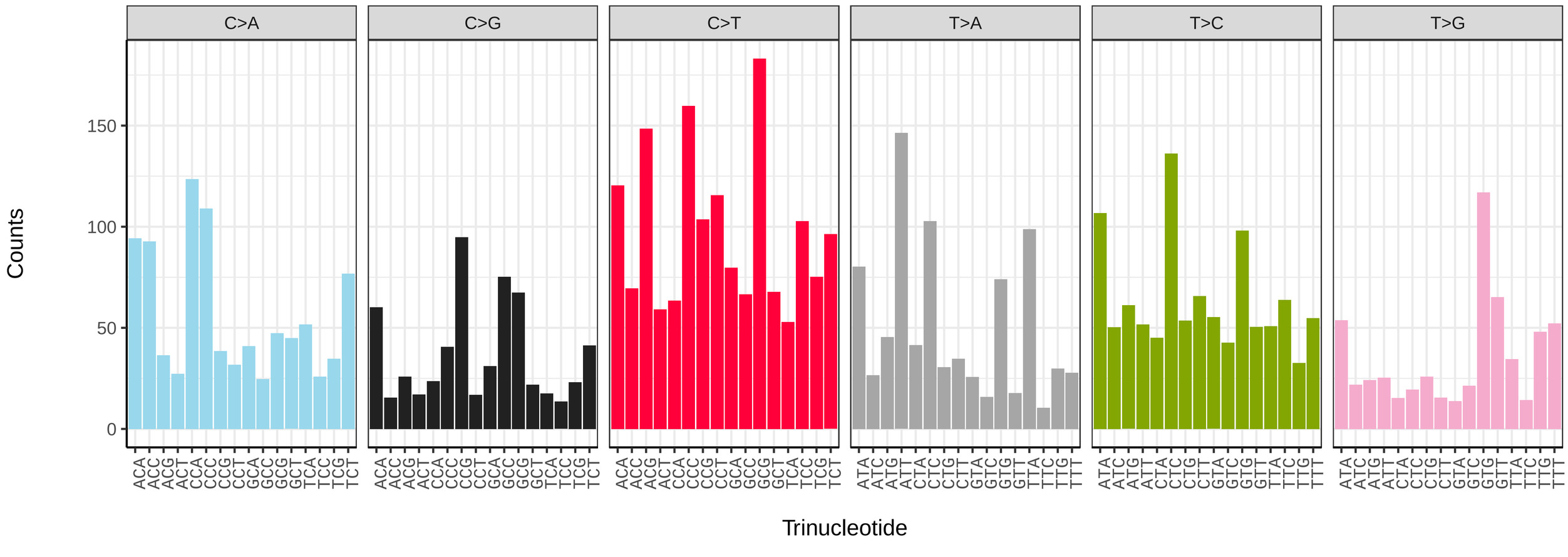
Clavelina lepadiformis (kaClaLepa1) somatic mutational spectrum (SBS52 classification)



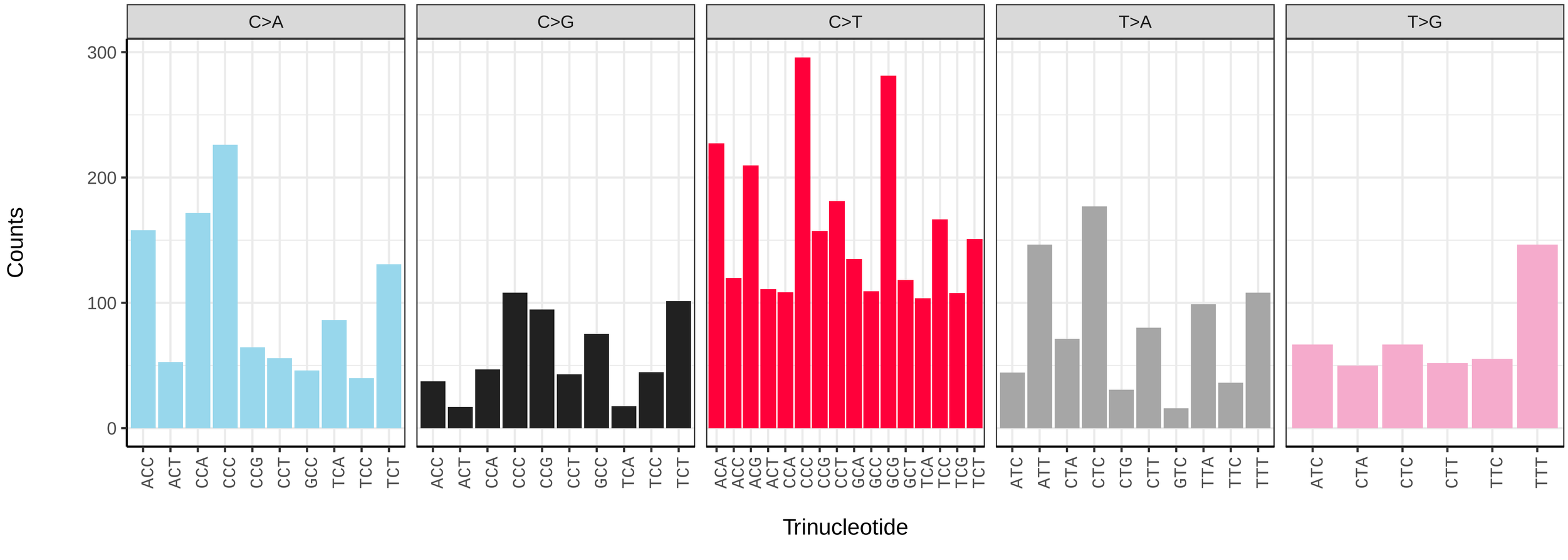
Lampetra fluviatilis (kcLamFluv1) germline mutational spectrum



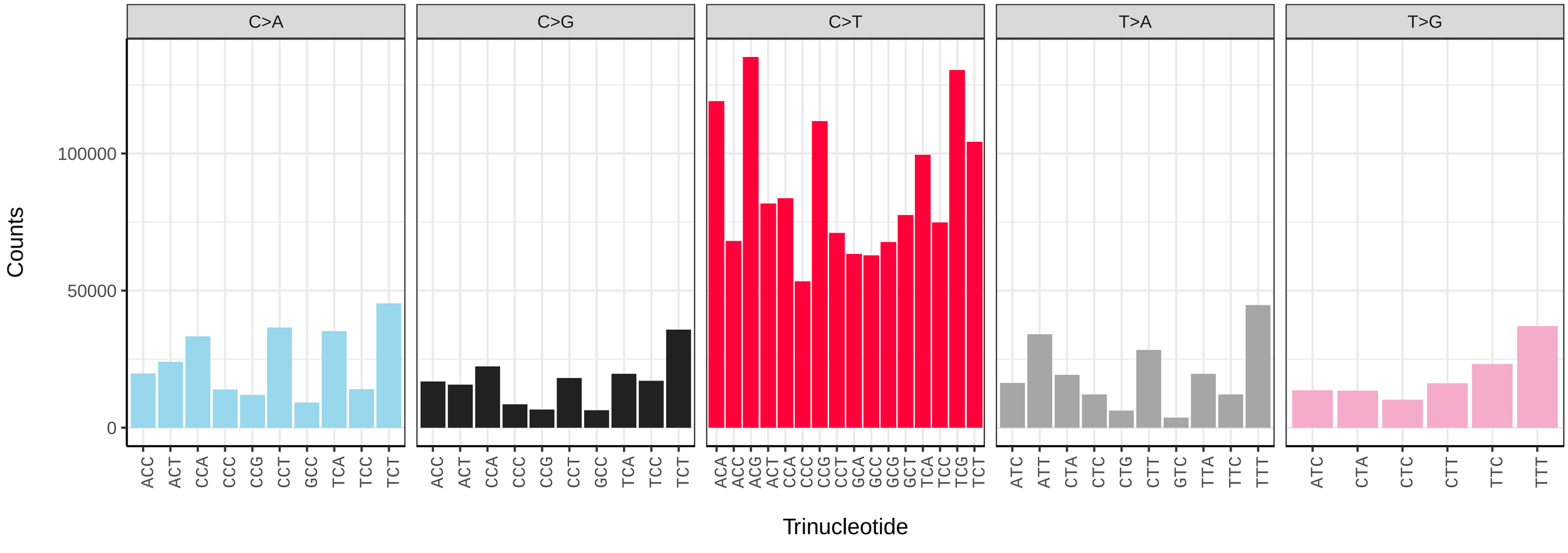
Lampetra fluviatilis (kcLamFluv1) somatic mutational spectrum (SBS96 classification)



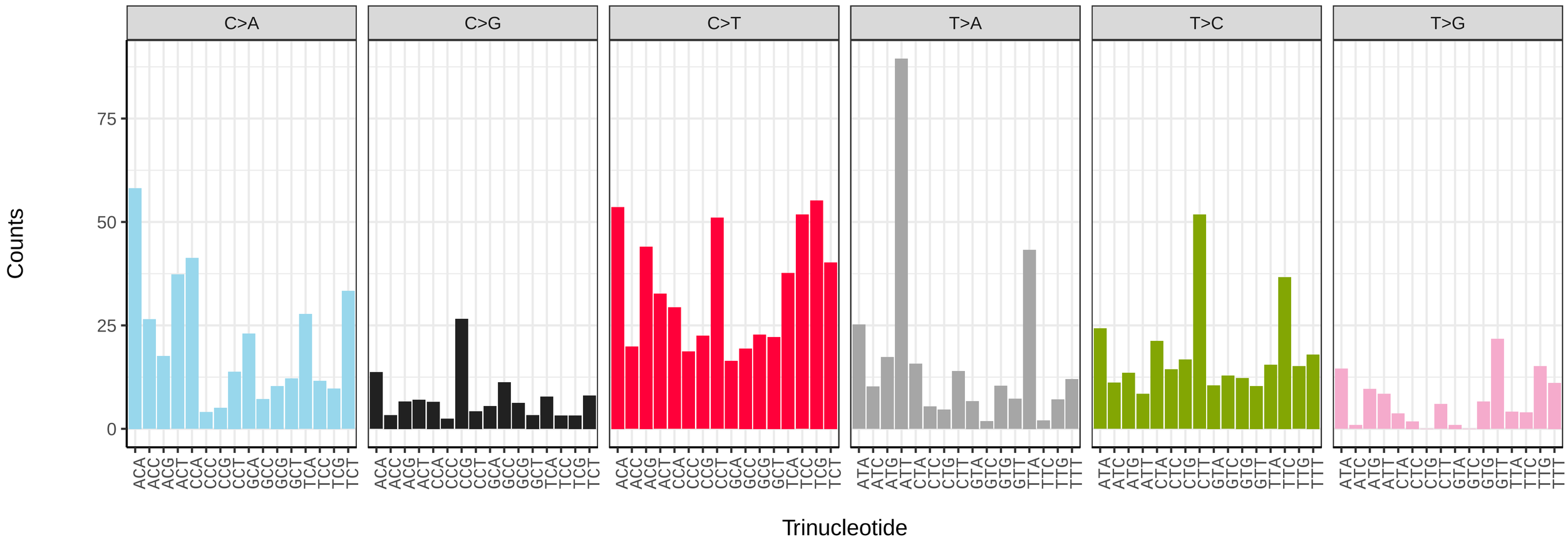
Lampetra fluviatilis (kcLamFluv1) somatic mutational spectrum (SBS52 classification)



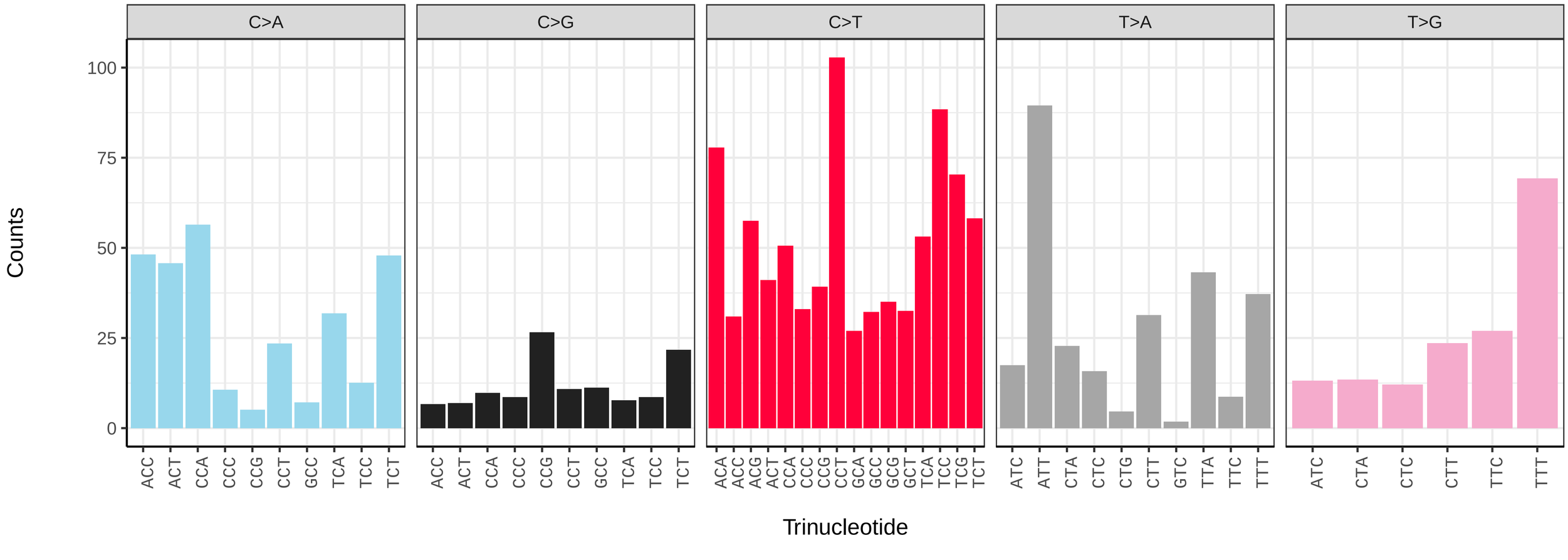
Triglochin palustris (laTriPals1) germline mutational spectrum



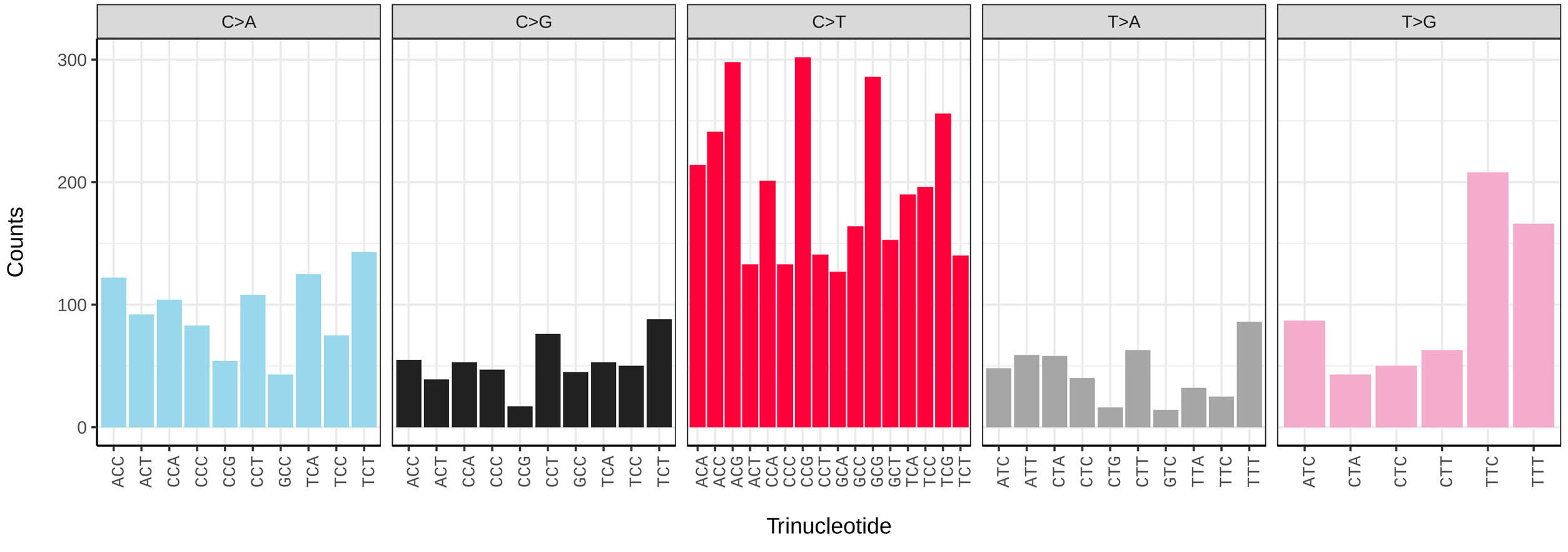
Triglochin palustris (laTriPals1) somatic mutational spectrum (SBS96 classification)



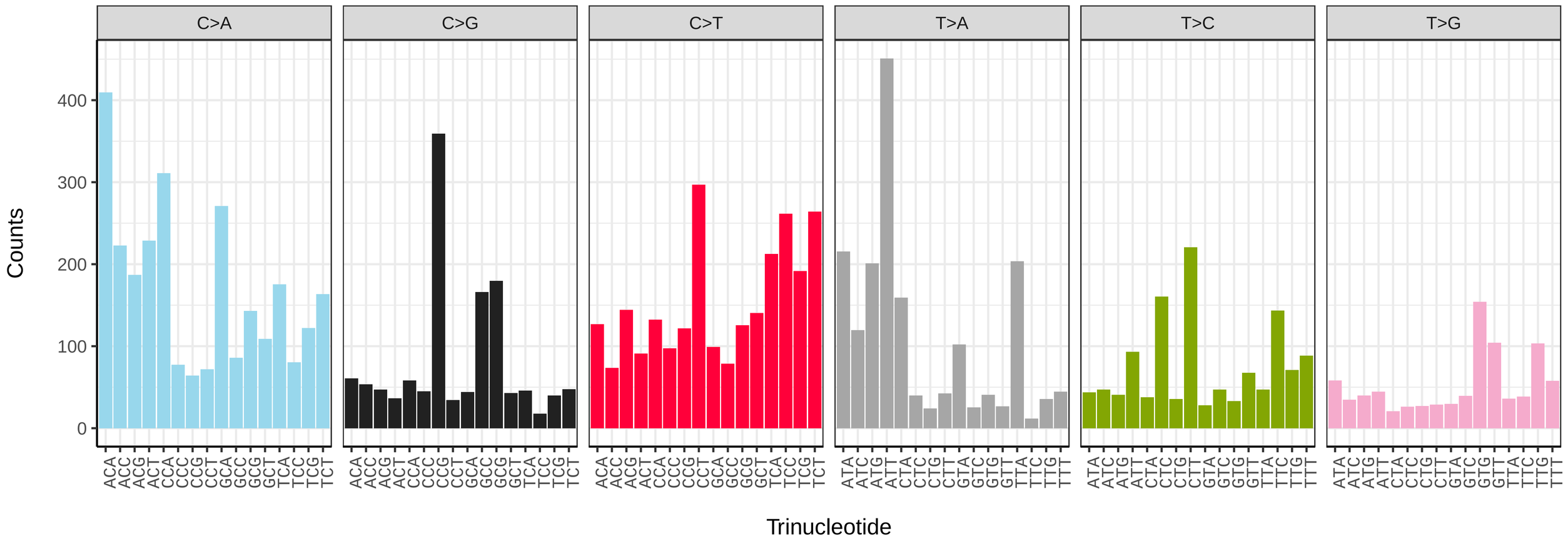
Triglochin palustris (laTriPals1) somatic mutational spectrum (SBS52 classification)



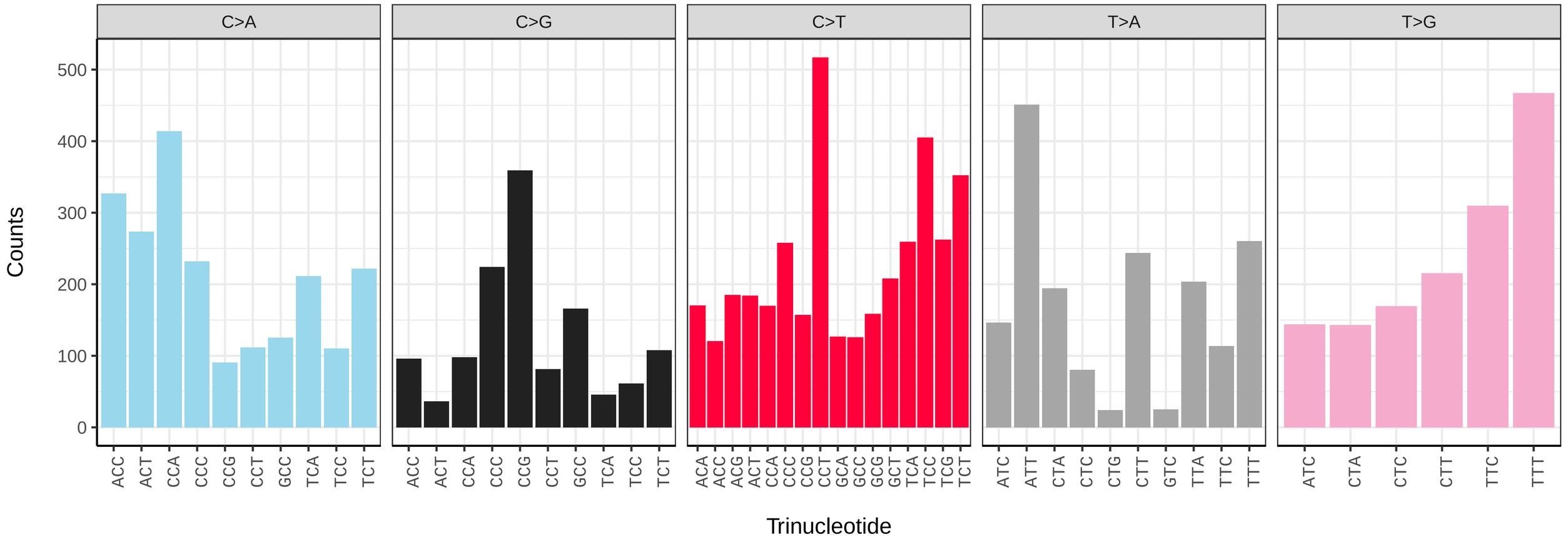
Bromus sterilis (lpBroSter1) germline mutational spectrum



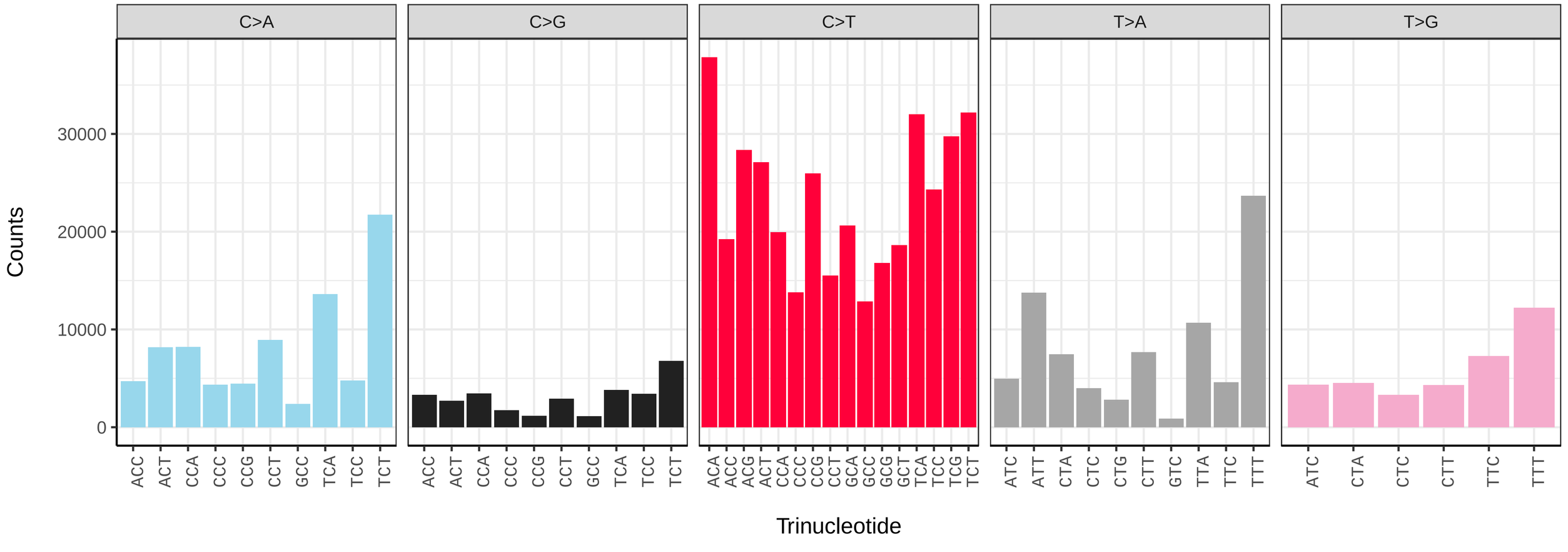
Bromus sterilis (lpBroSter1) somatic mutational spectrum (SBS96 classification)



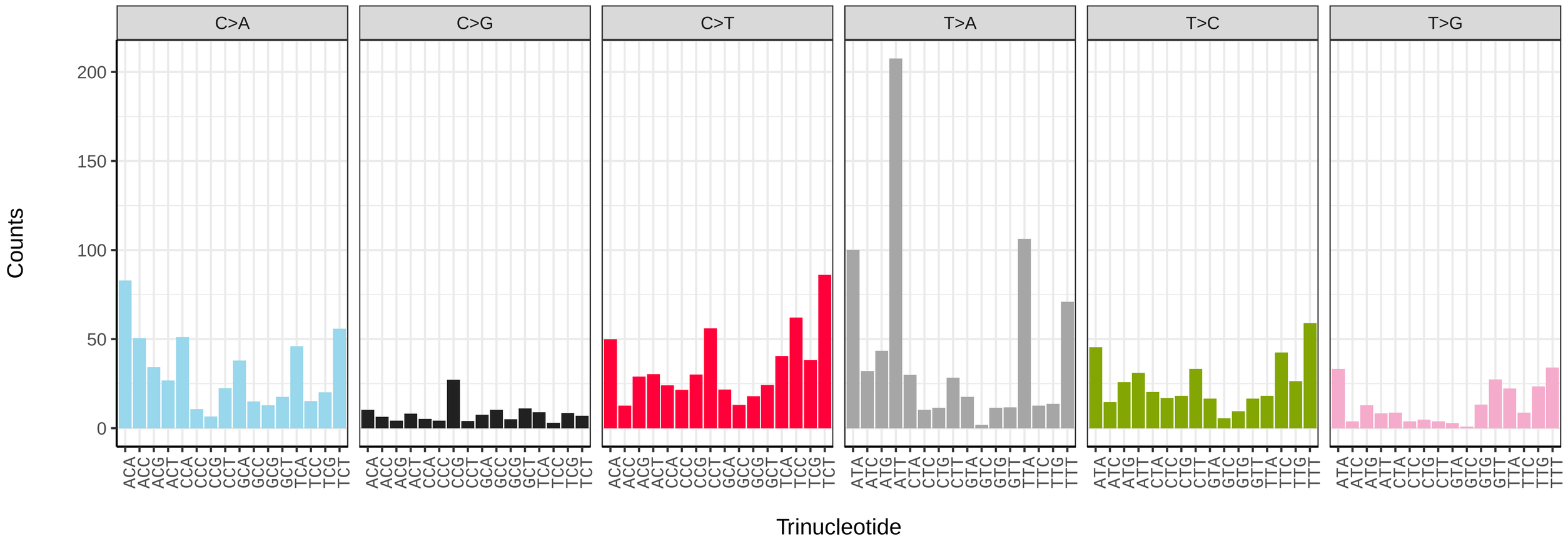
Bromus sterilis (lpBroSter1) somatic mutational spectrum (SBS52 classification)



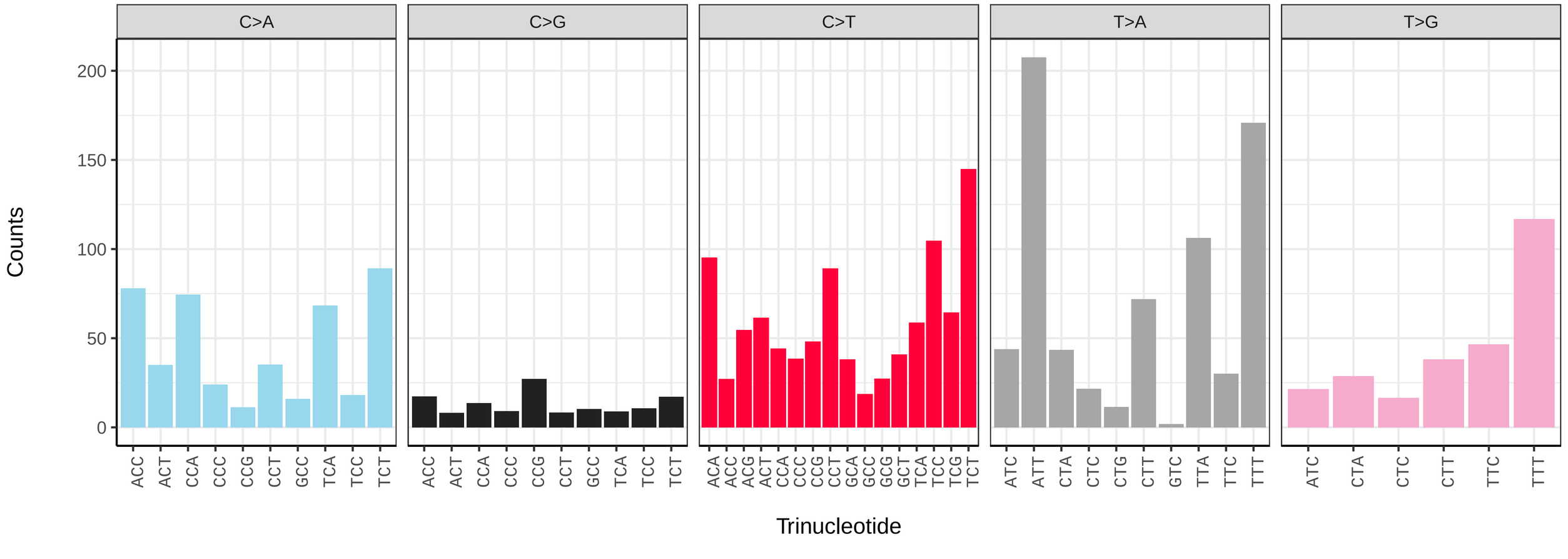
Carex arenaria (lpCarAren1) germline mutational spectrum



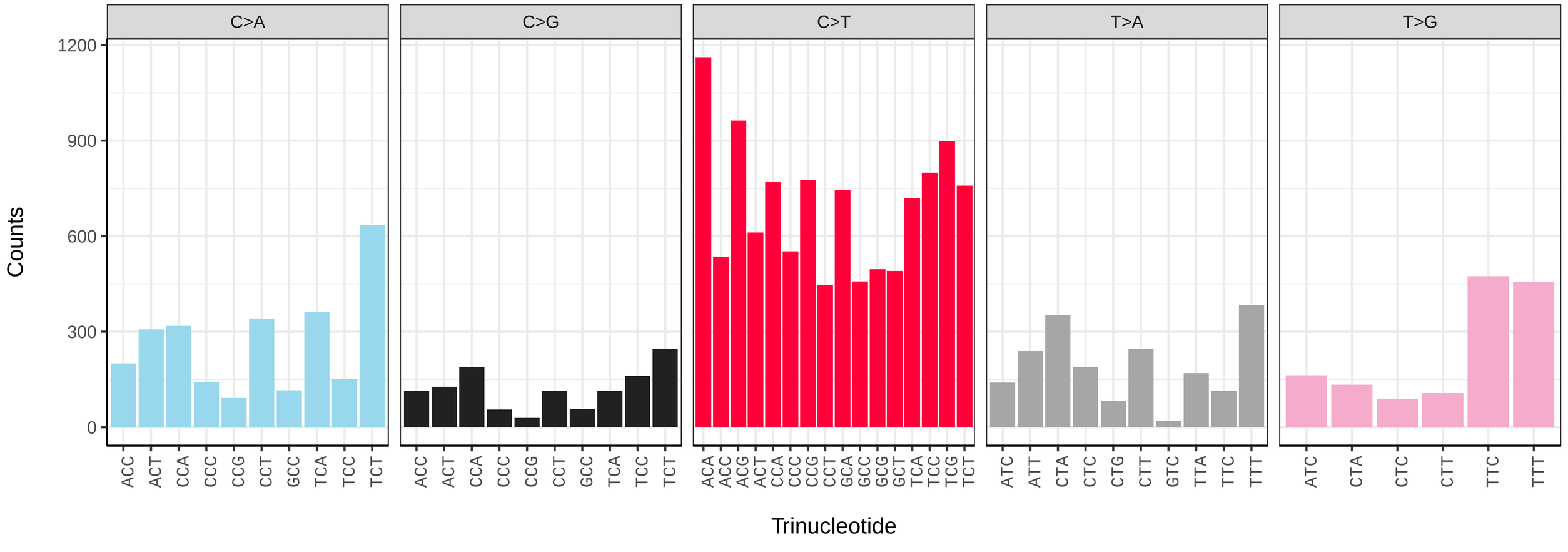
Carex arenaria (lpCarAren1) somatic mutational spectrum (SBS96 classification)



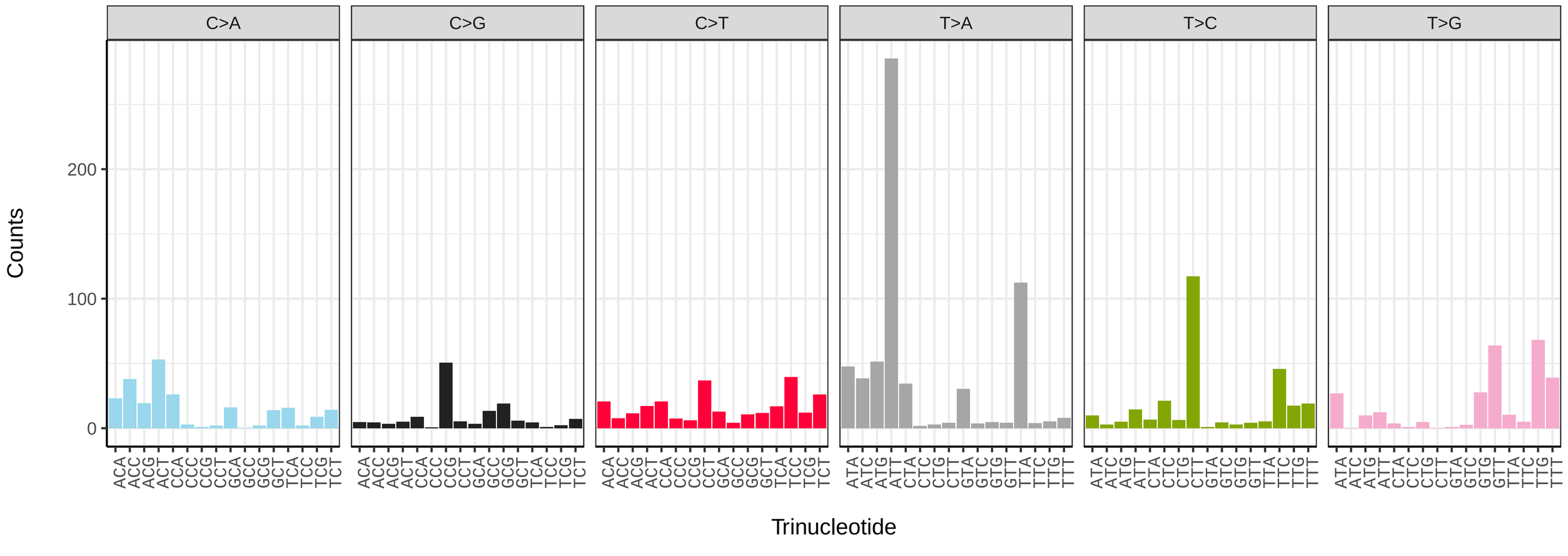
Carex arenaria (lpCarAren1) somatic mutational spectrum (SBS52 classification)



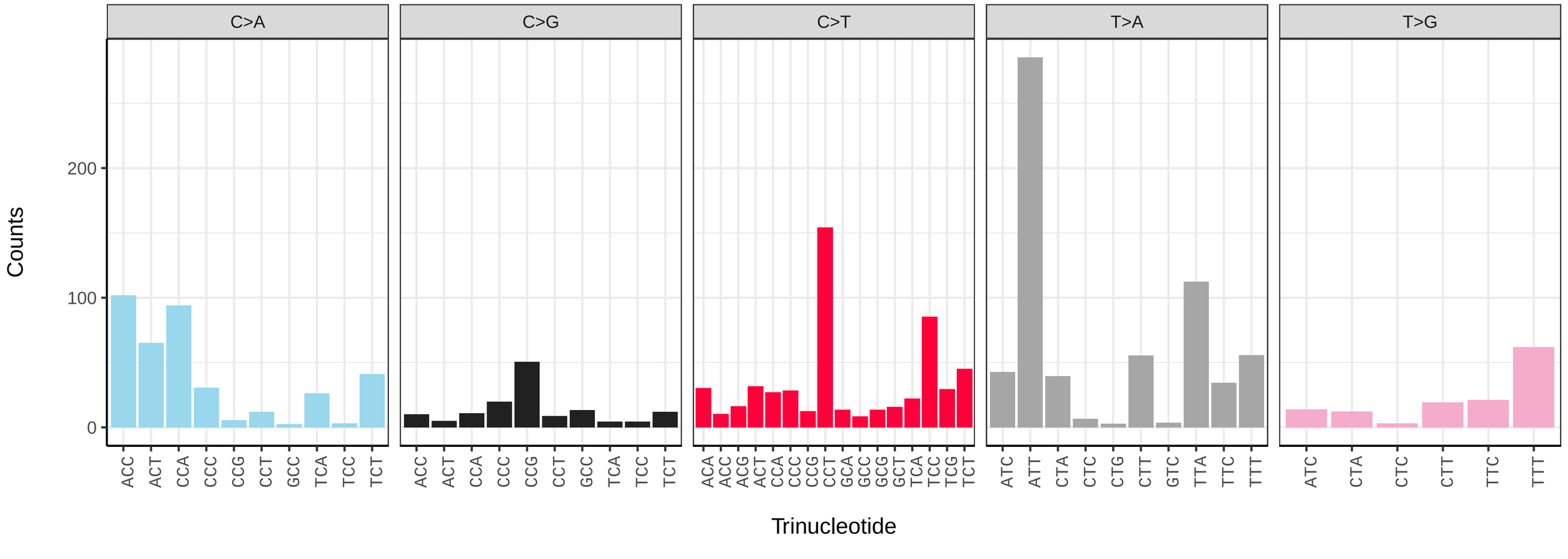
Carex depauperata (lpCarDepa1) germline mutational spectrum



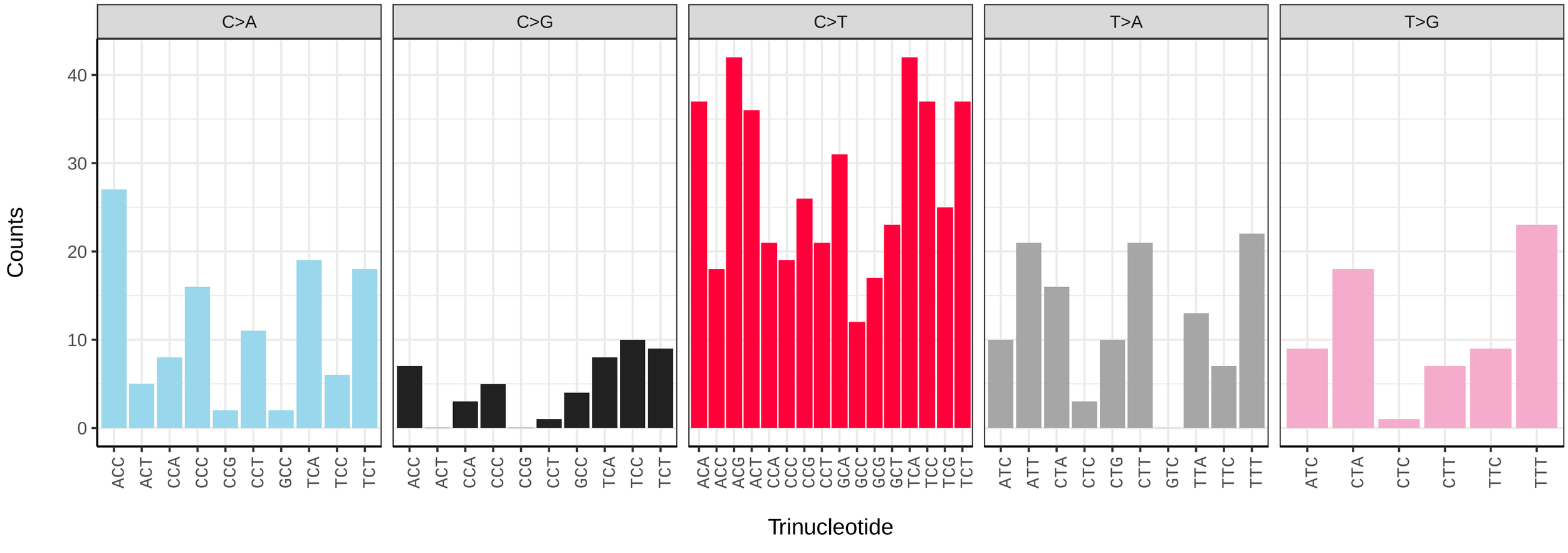
Carex depauperata (lpCarDepa1) somatic mutational spectrum (SBS96 classification)



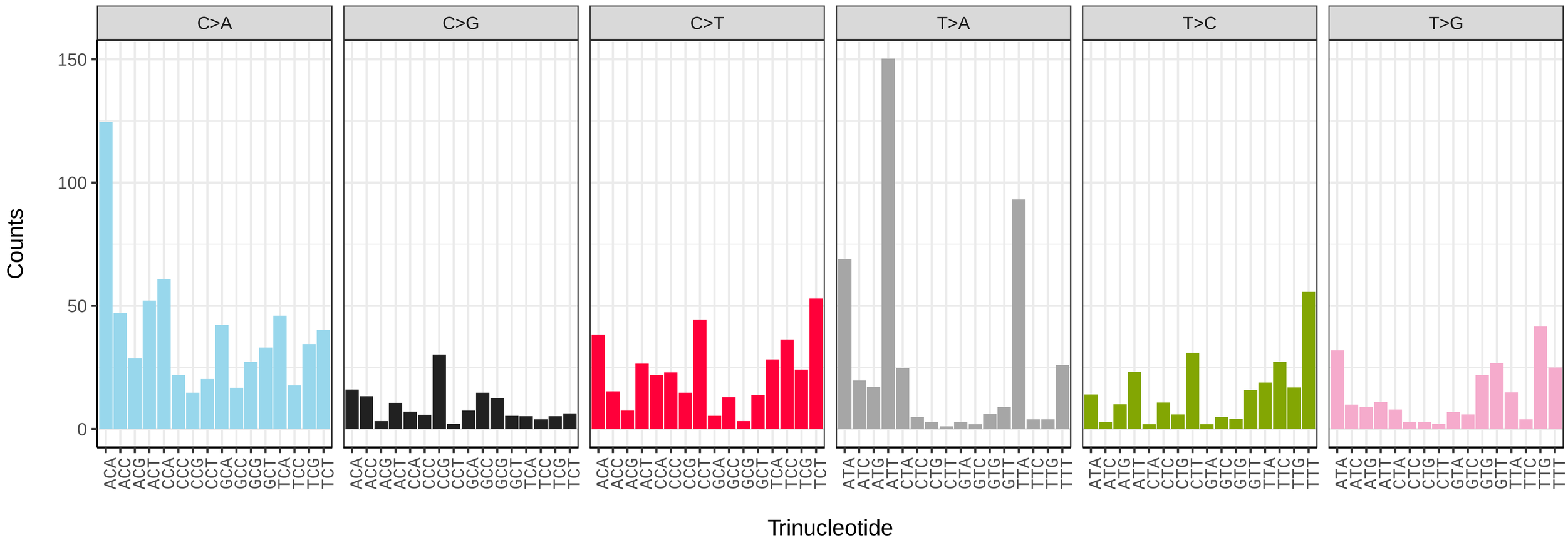
Carex depauperata (lpCarDepa1) somatic mutational spectrum (SBS52 classification)



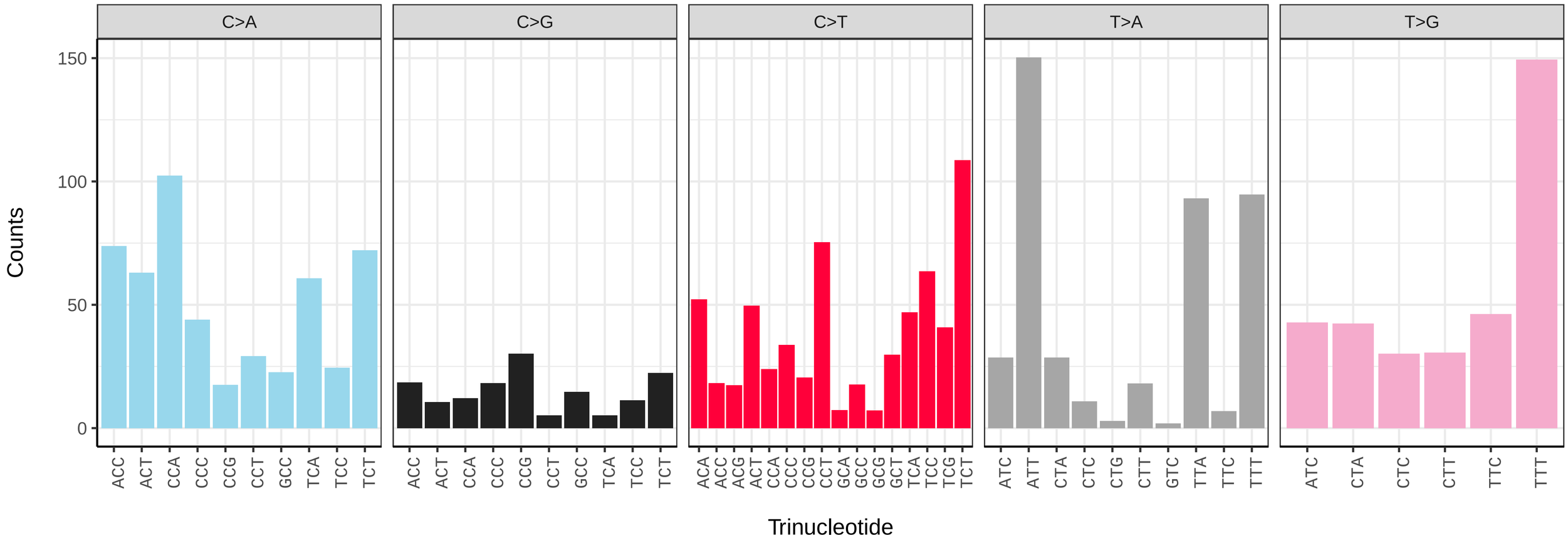
Carex divulsa (lpCarDivu1) germline mutational spectrum



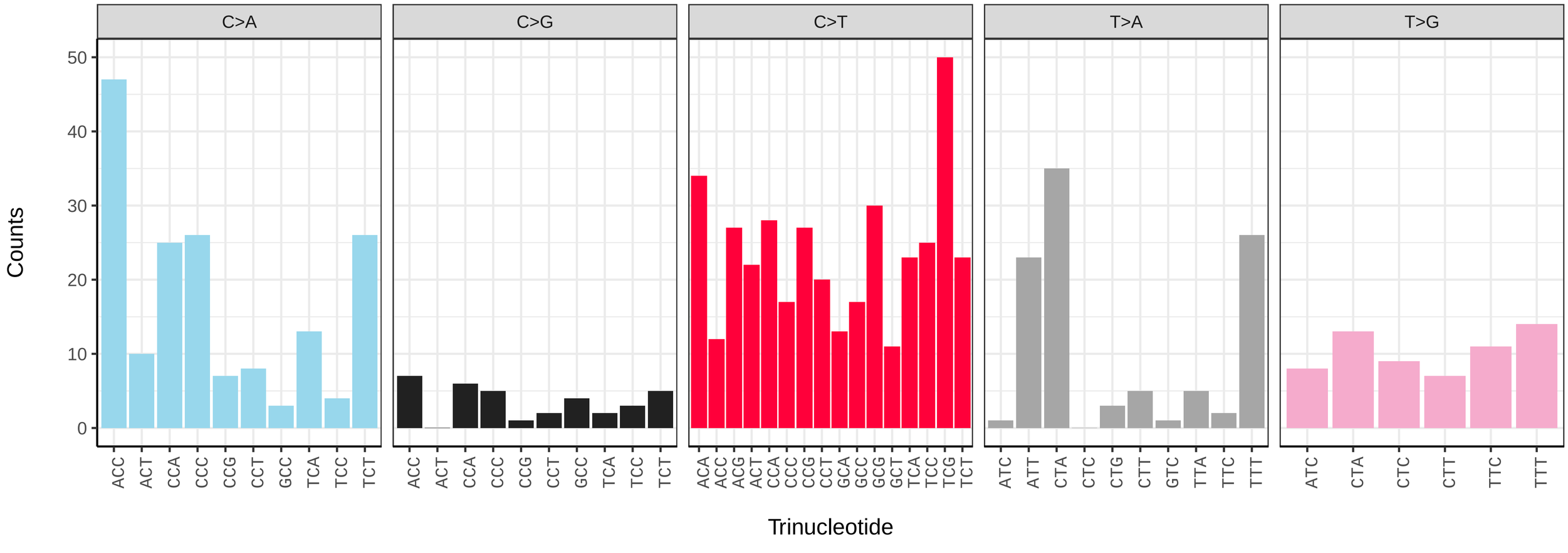
Carex divulsa (lpCarDivu1) somatic mutational spectrum (SBS96 classification)



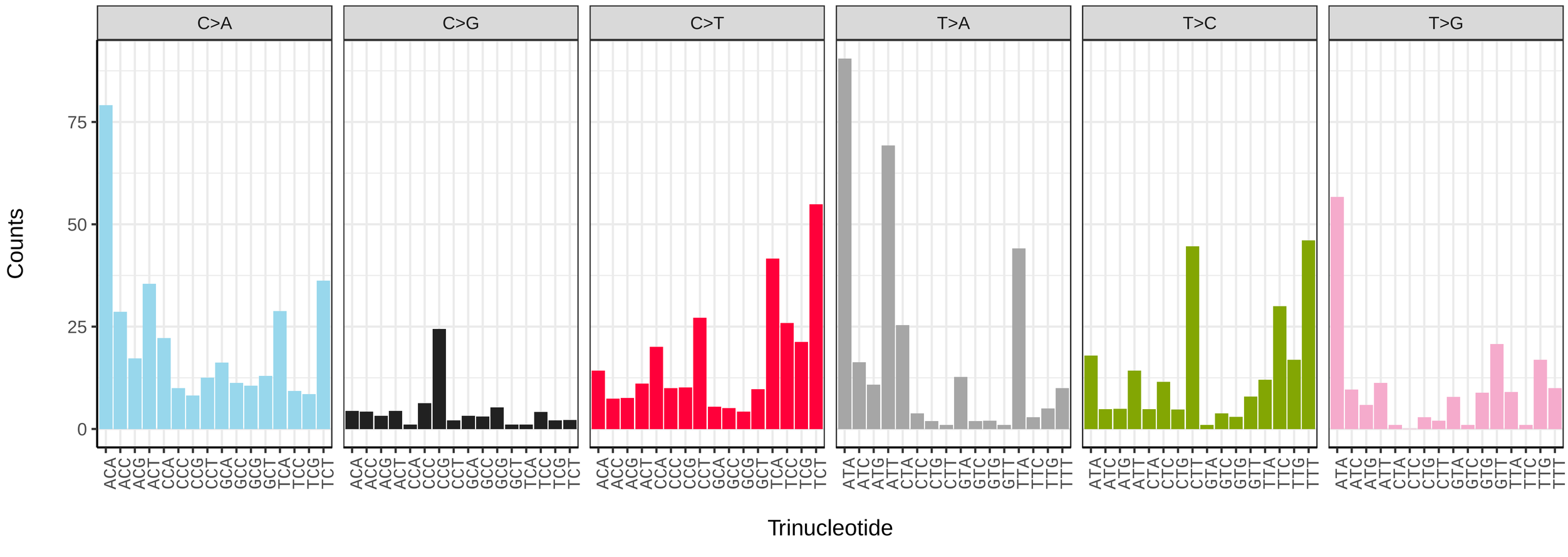
Carex divulsa (lpCarDivu1) somatic mutational spectrum (SBS52 classification)



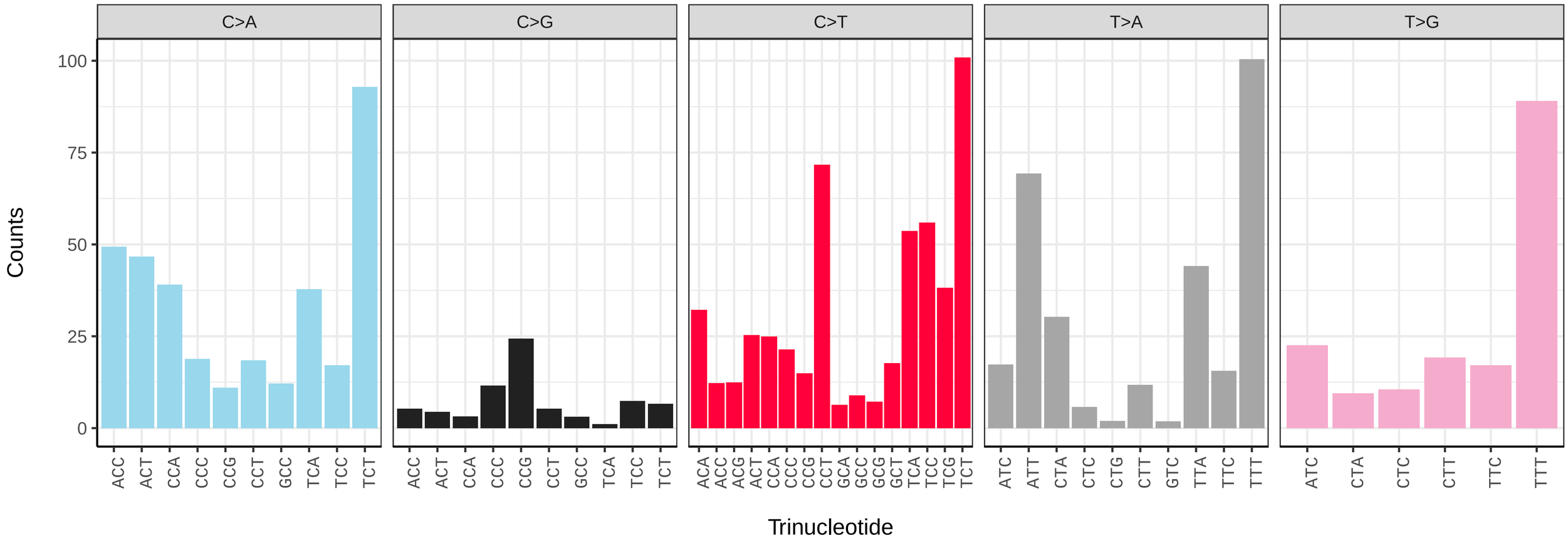
Carex pendula (lpCarPend1) germline mutational spectrum



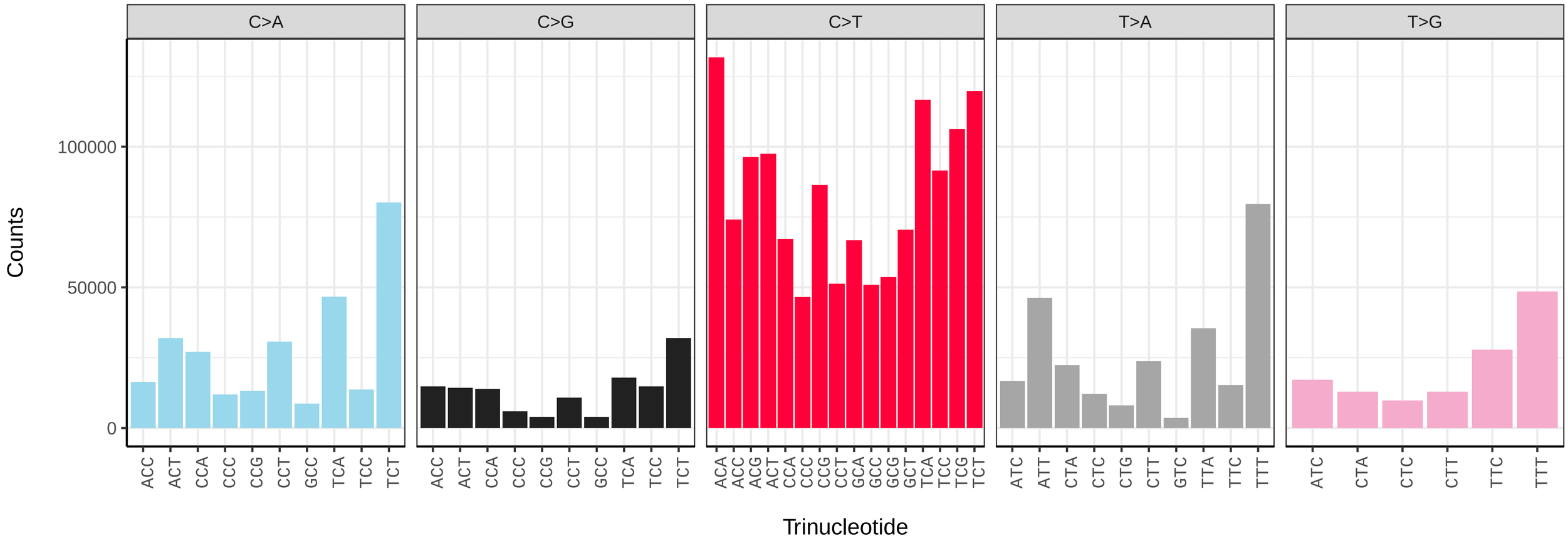
Carex pendula (lpCarPend1) somatic mutational spectrum (SBS96 classification)



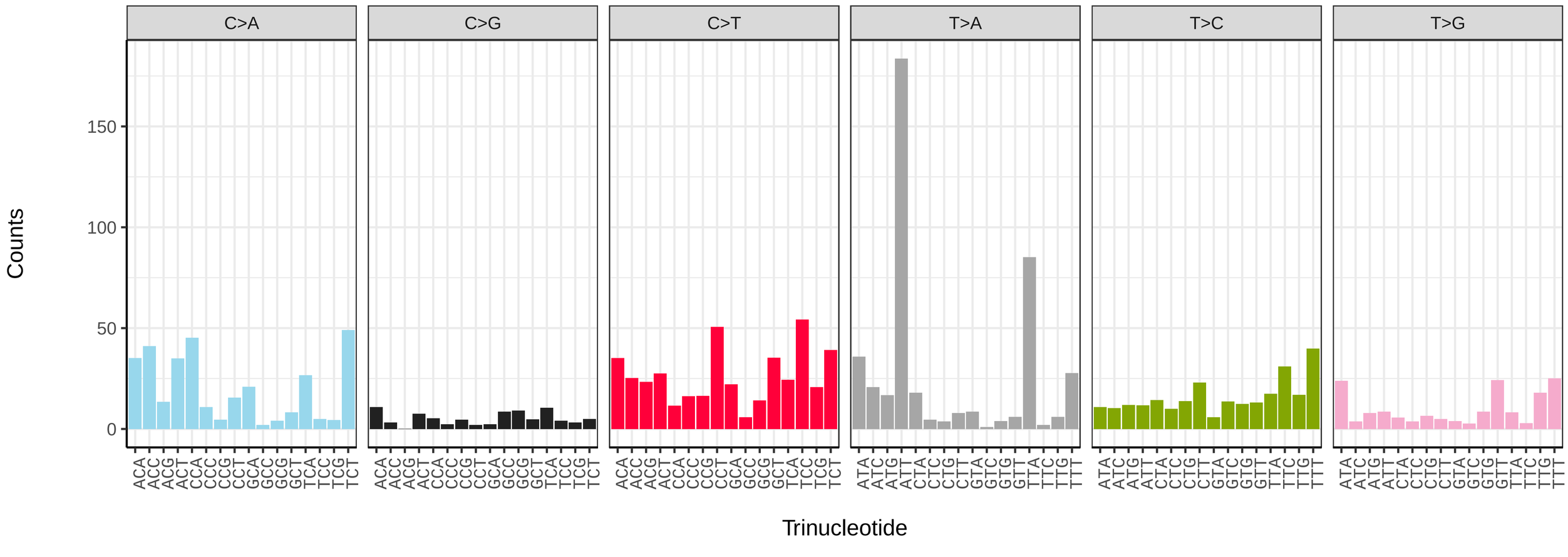
Carex pendula (lpCarPend1) somatic mutational spectrum (SBS52 classification)



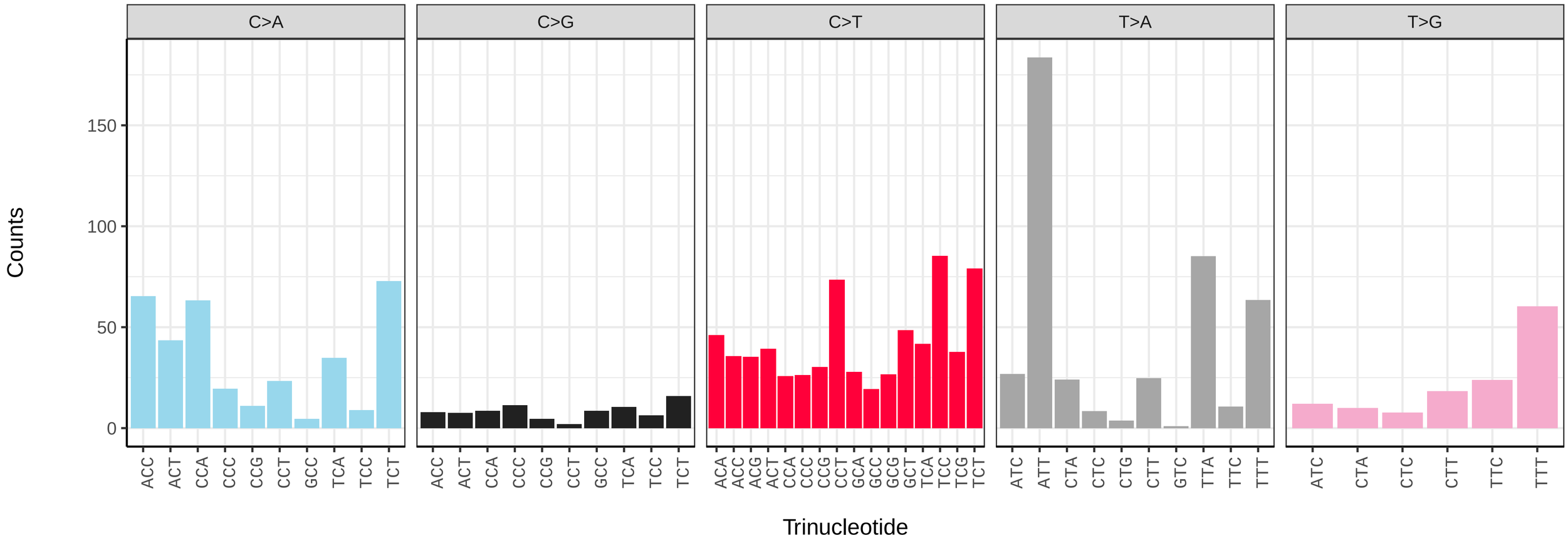
Carex rostrata (lpCarRost1) germline mutational spectrum



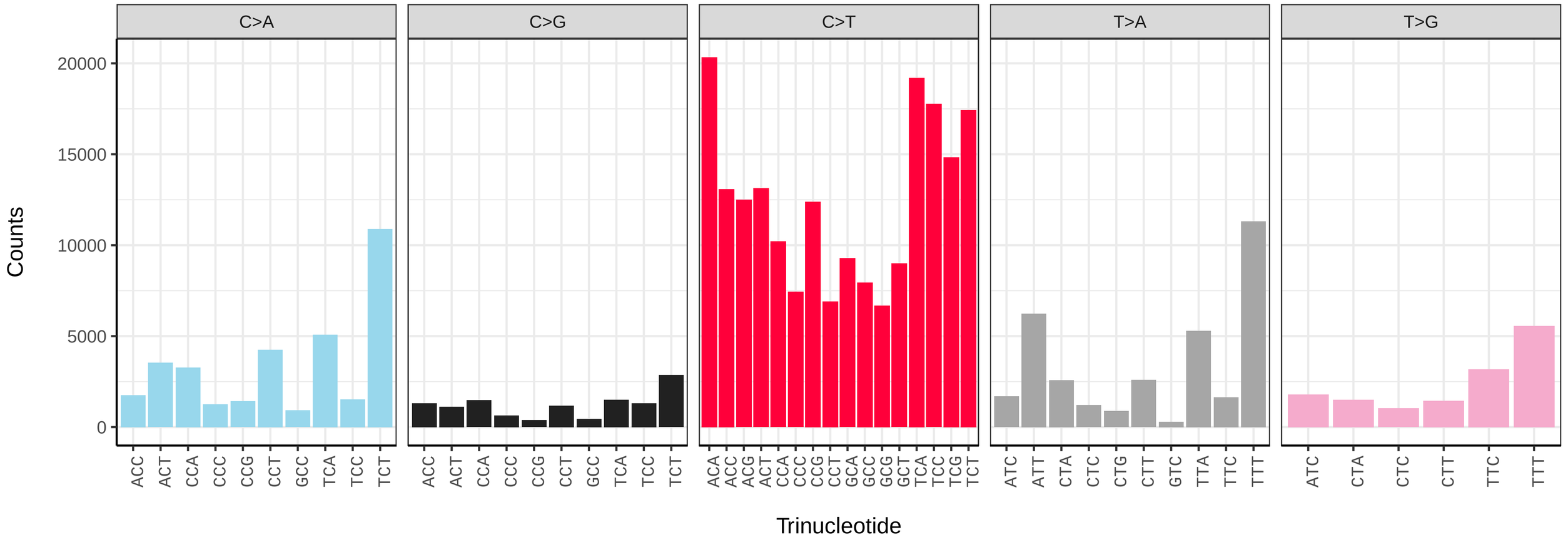
Carex rostrata (lpCarRost1) somatic mutational spectrum (SBS96 classification)



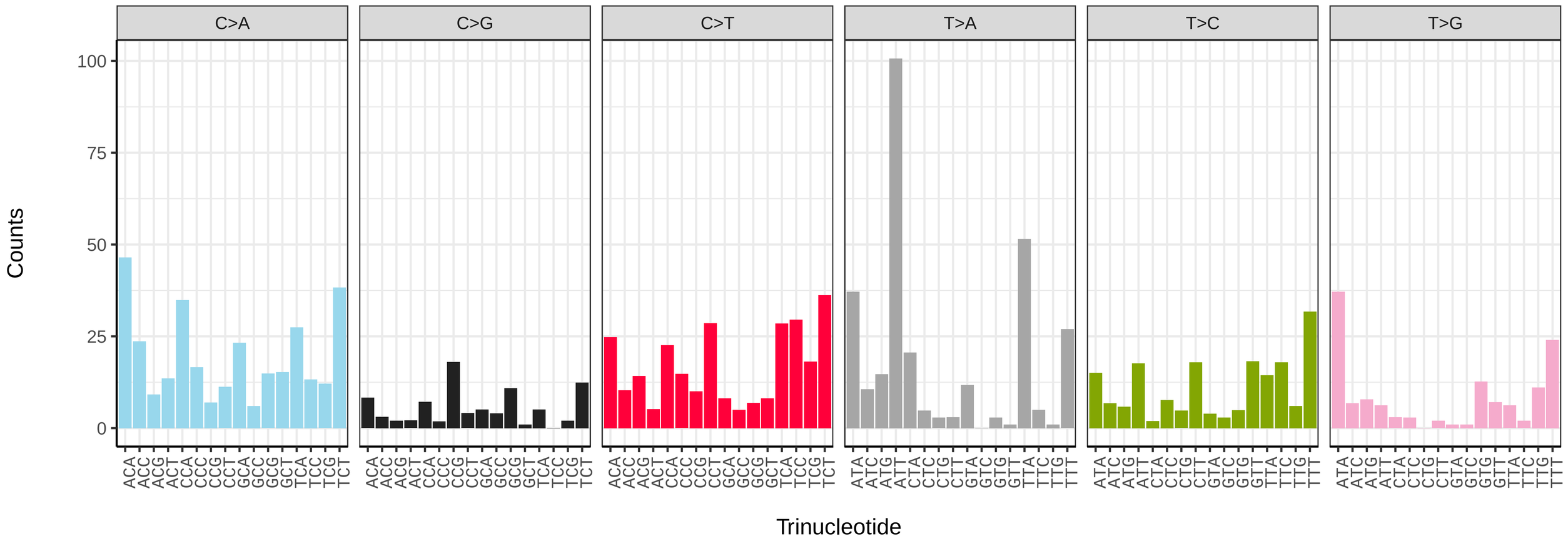
Carex rostrata (lpCarRost1) somatic mutational spectrum (SBS52 classification)



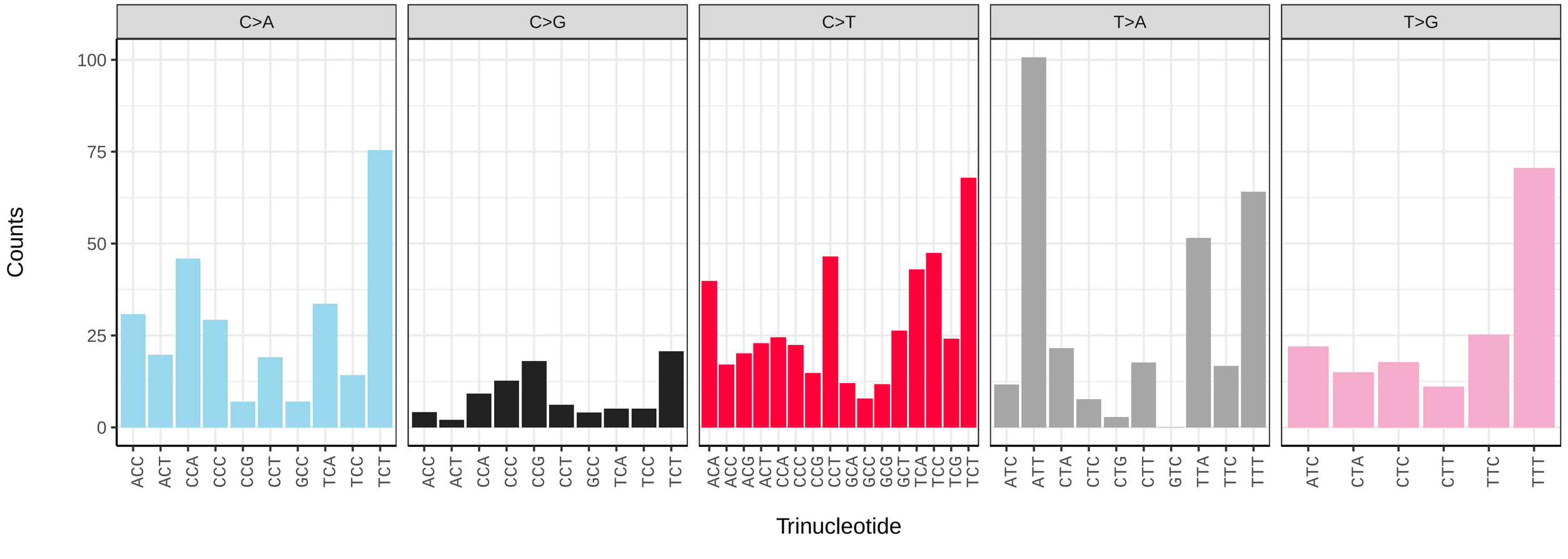
Carex sylvatica (lpCarSylv1) germline mutational spectrum



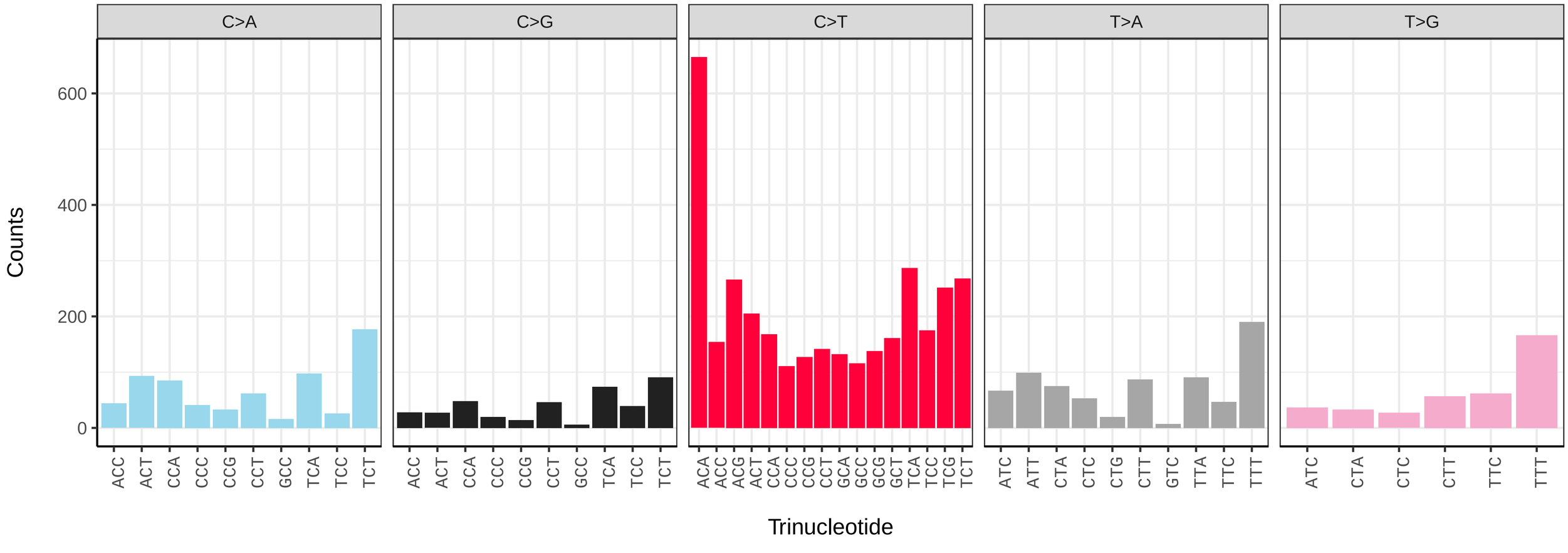
Carex sylvatica (lpCarSylv1) somatic mutational spectrum (SBS96 classification)



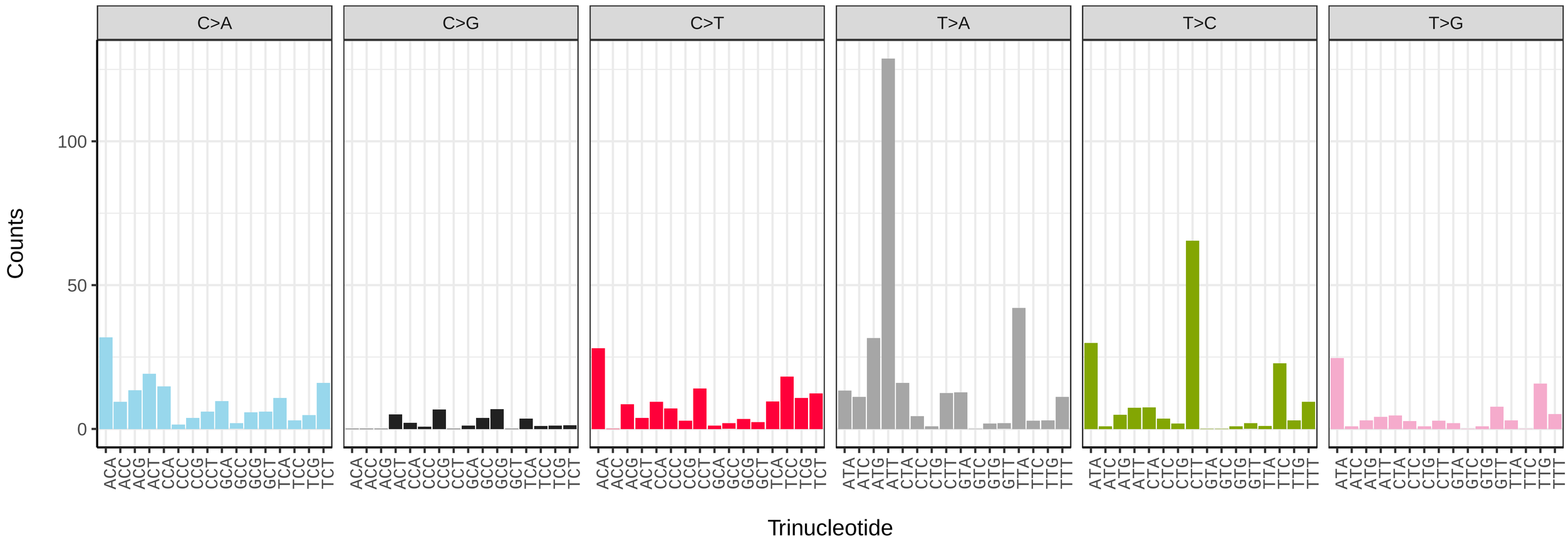
Carex sylvatica (lpCarSylv1) somatic mutational spectrum (SBS52 classification)



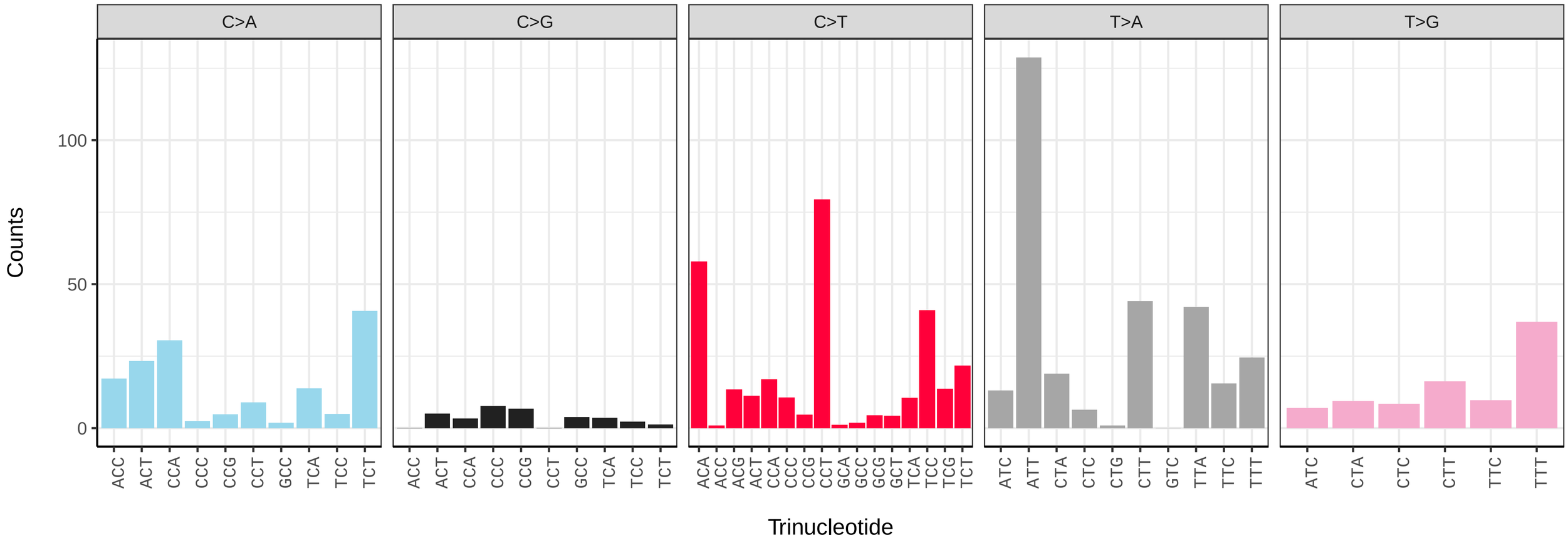
Juncus effusus (lpJunEffu1) germline mutational spectrum



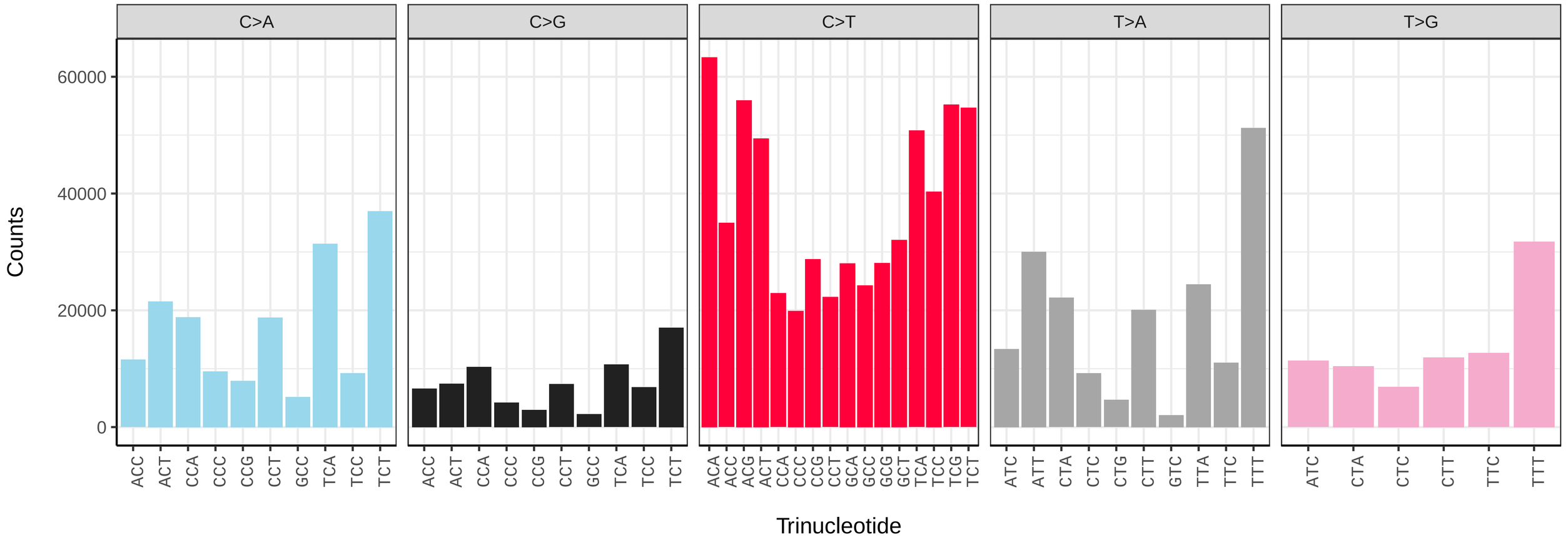
Juncus effusus (lpJunEffu1) somatic mutational spectrum (SBS96 classification)



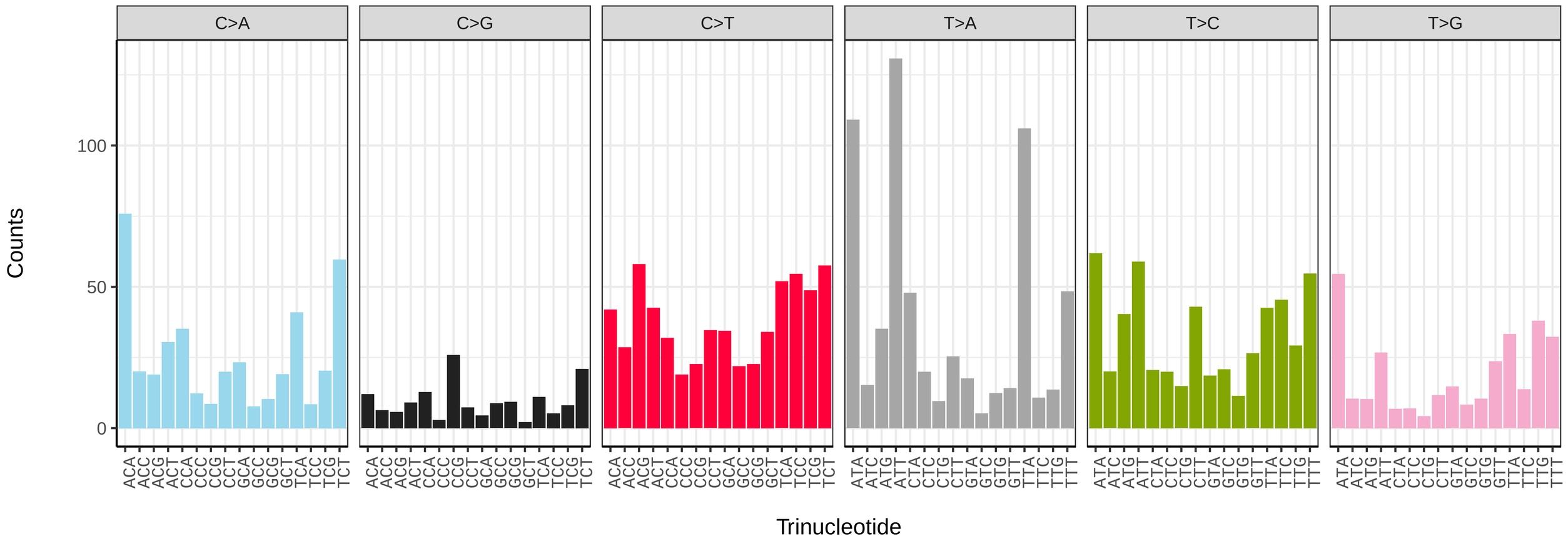
Juncus effusus (lpJunEffu1) somatic mutational spectrum (SBS52 classification)



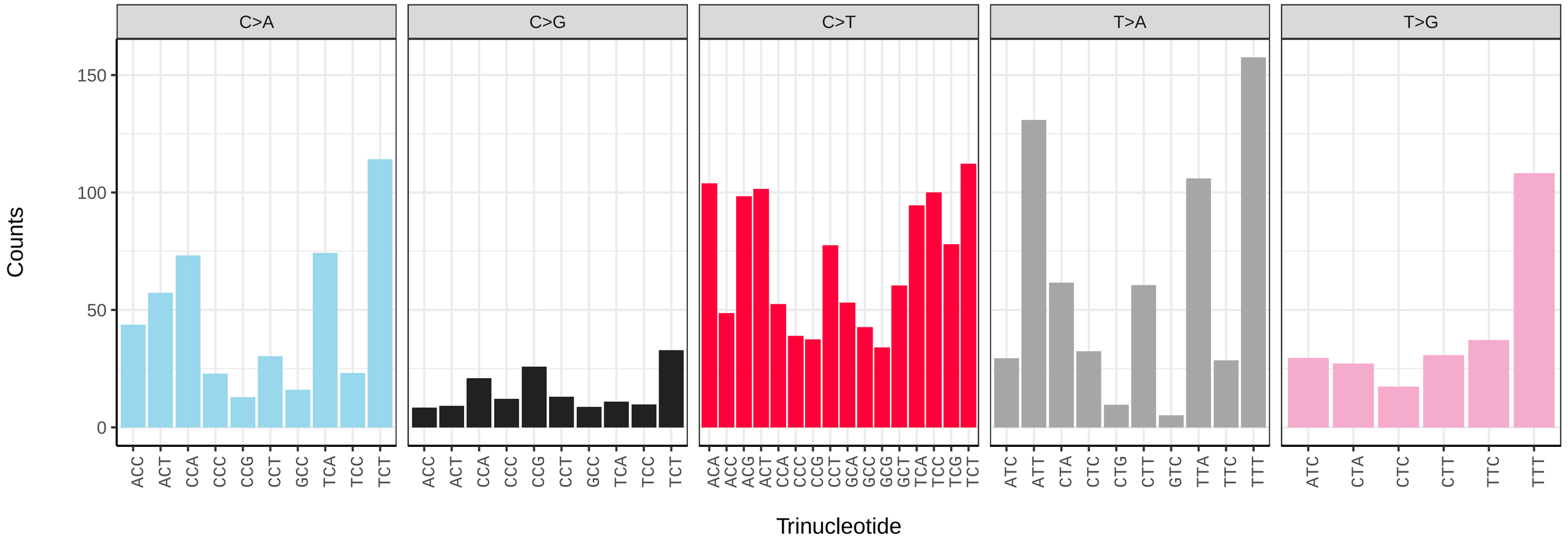
Luzula sylvatica (lpLuzSylv1) germline mutational spectrum



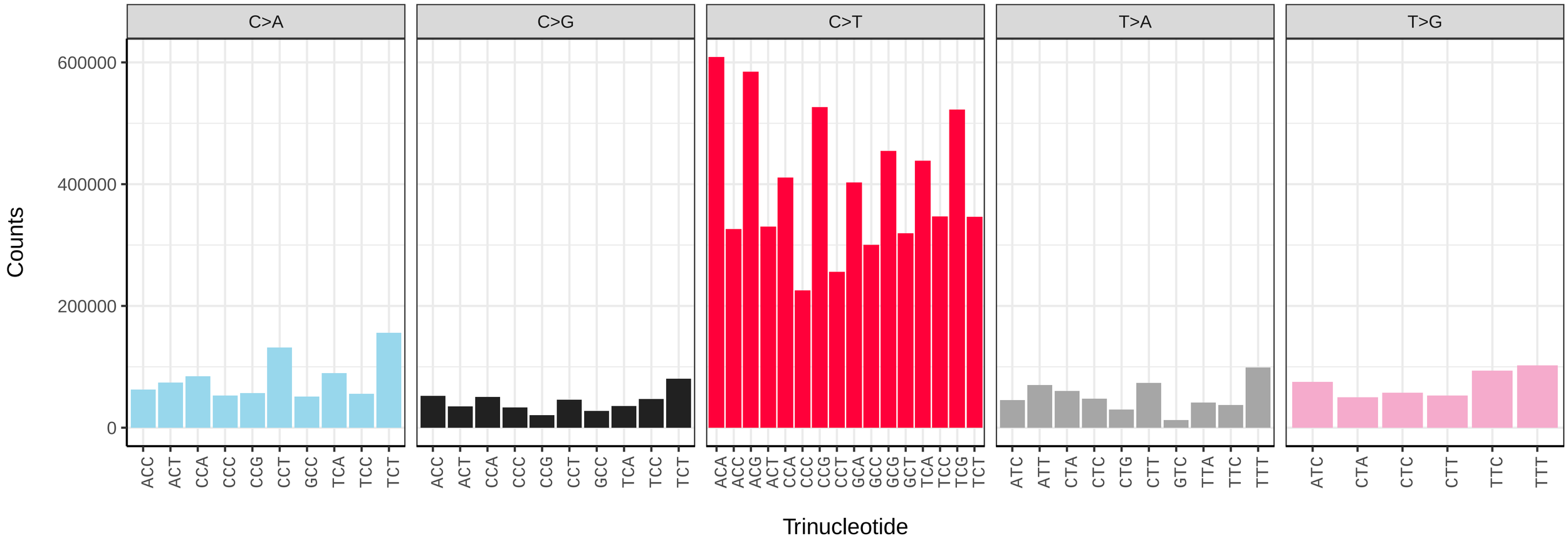
Luzula sylvatica (lpLuzSylv1) somatic mutational spectrum (SBS96 classification)



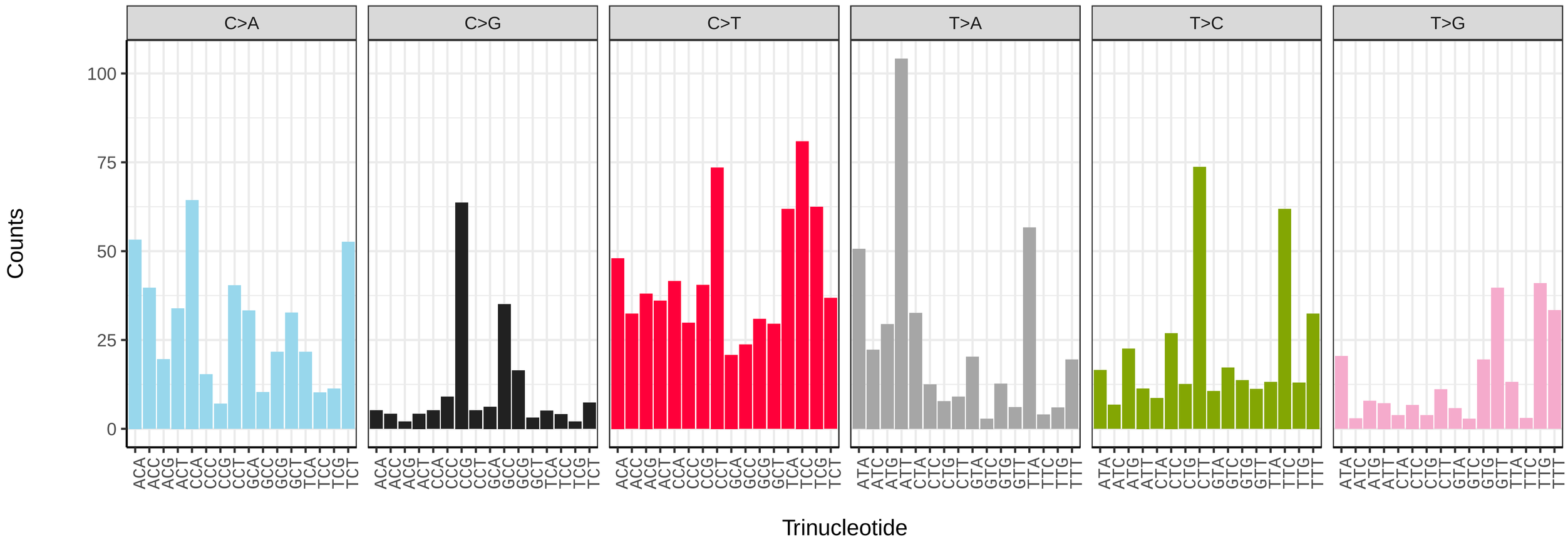
Luzula sylvatica (lpLuzSylv1) somatic mutational spectrum (SBS52 classification)



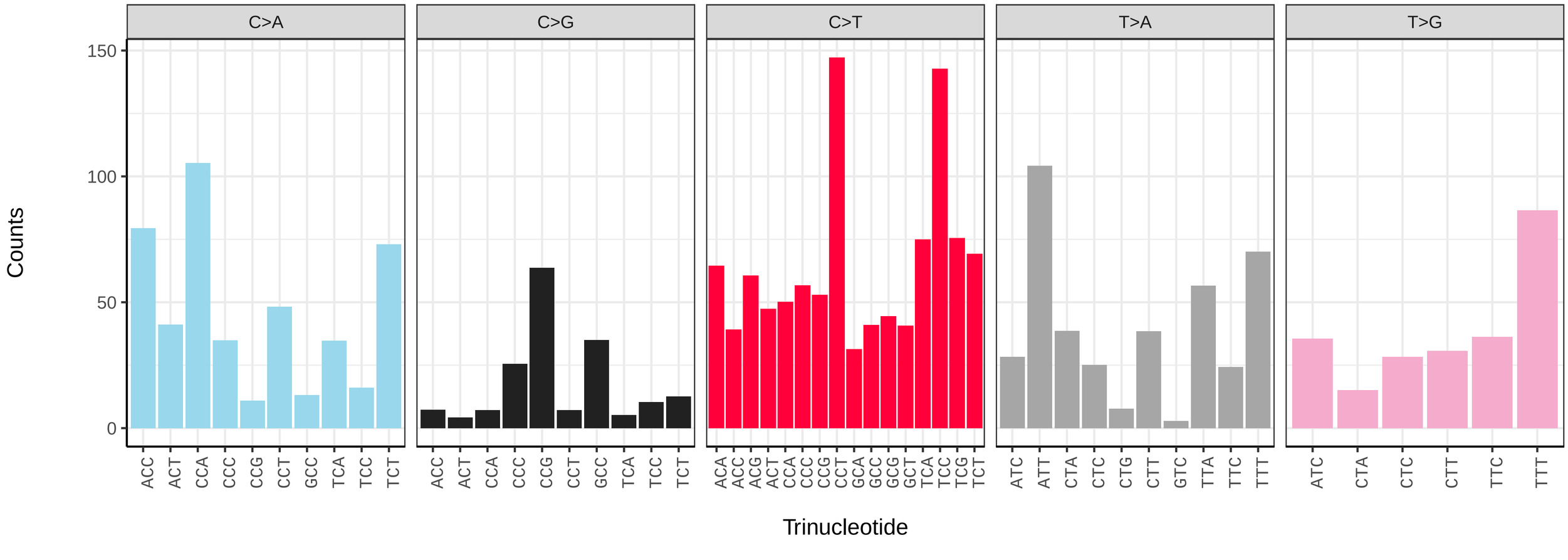
Phragmites australis (lpPhrAust1) germline mutational spectrum



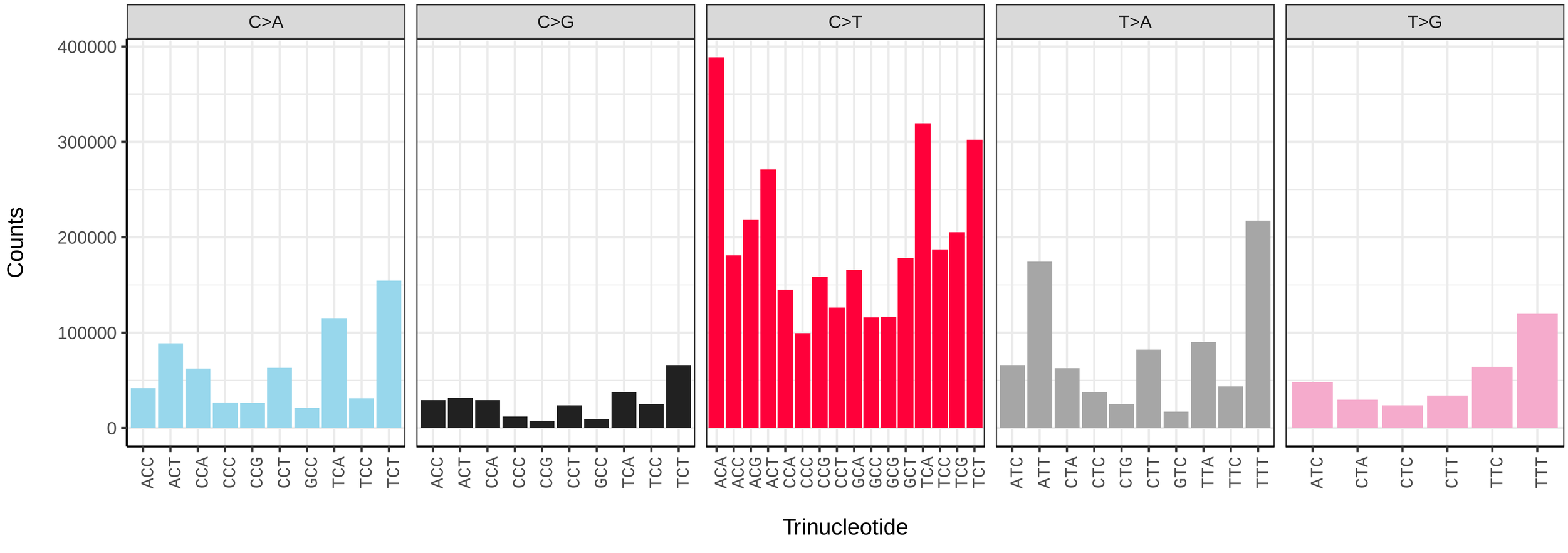
Phragmites australis (lpPhrAust1) somatic mutational spectrum (SBS96 classification)



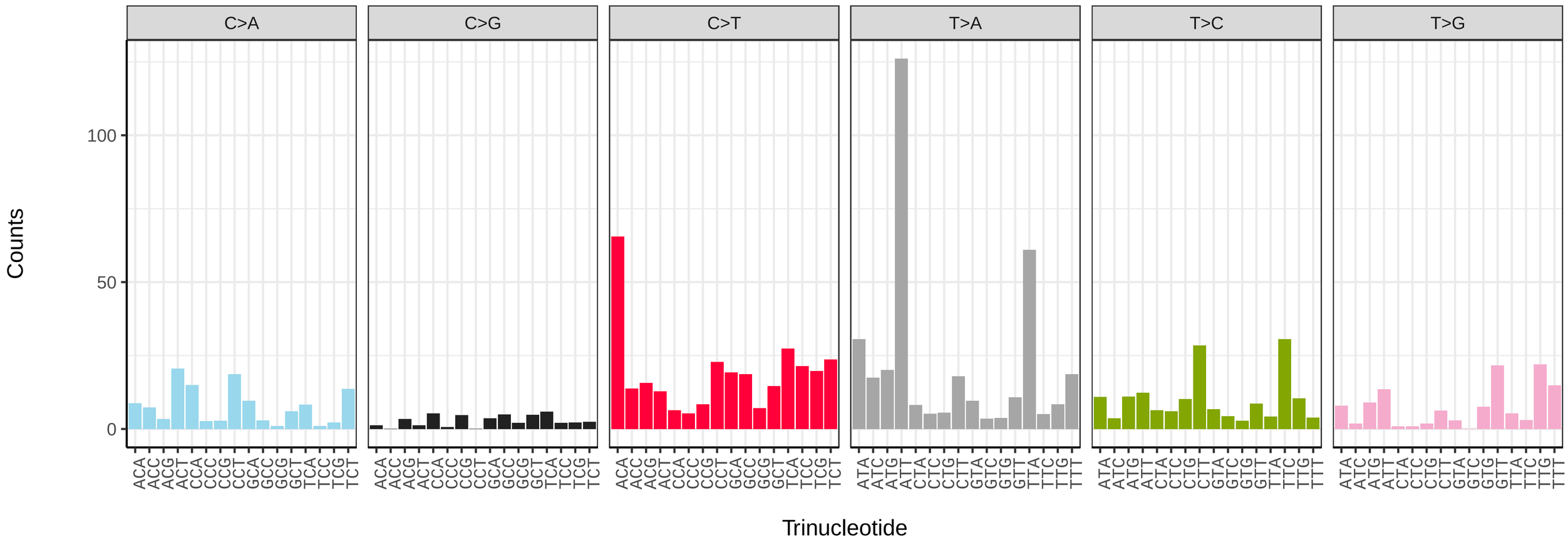
Phragmites australis (lpPhrAust1) somatic mutational spectrum (SBS52 classification)



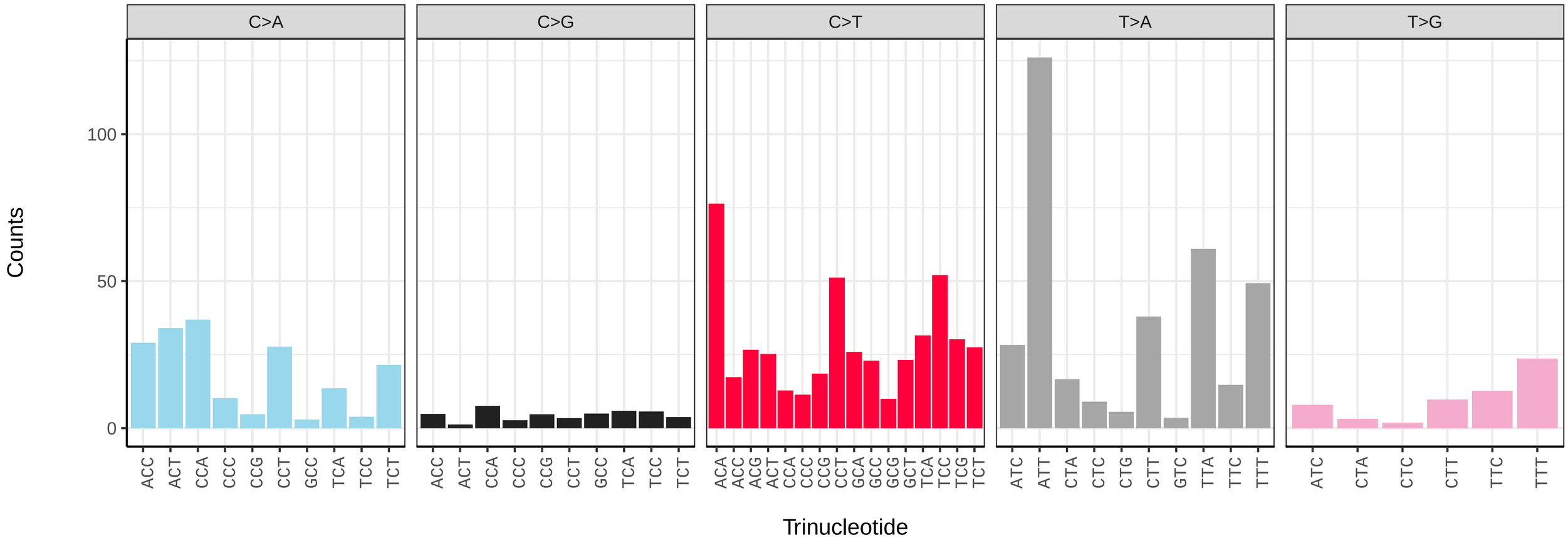
Schoenoplectus lacustris (lpSchLacu1) germline mutational spectrum



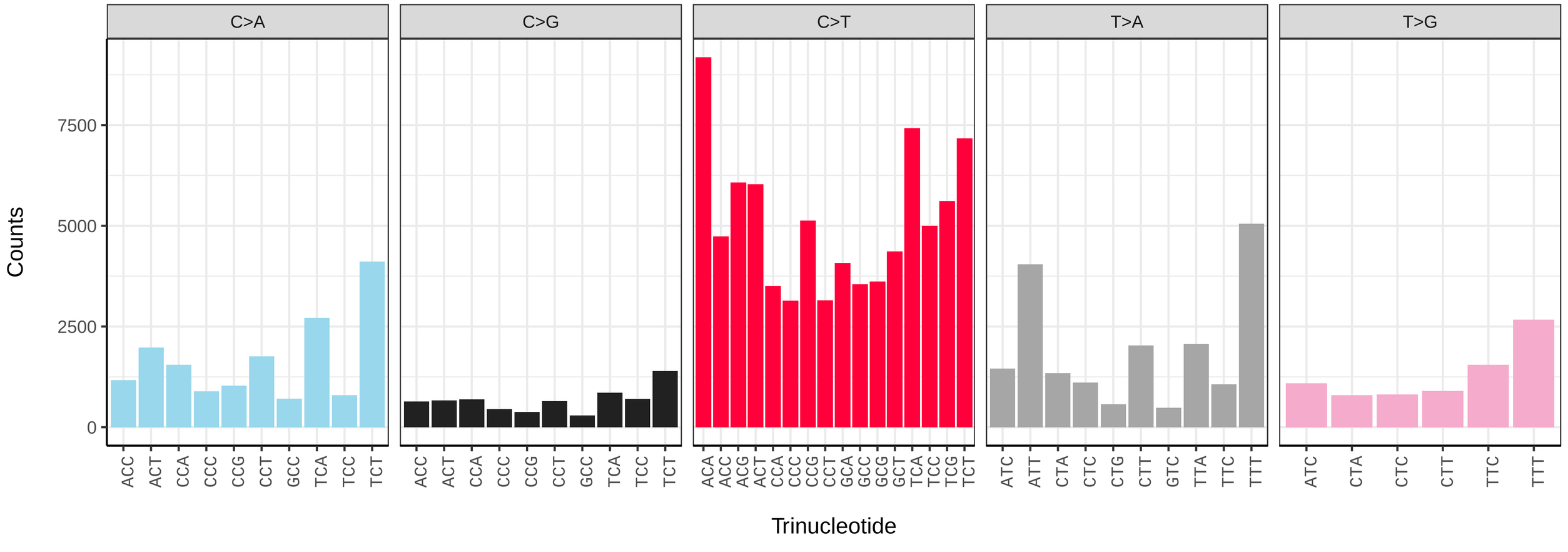
Schoenoplectus lacustris (lpSchLacu1) somatic mutational spectrum (SBS96 classification)



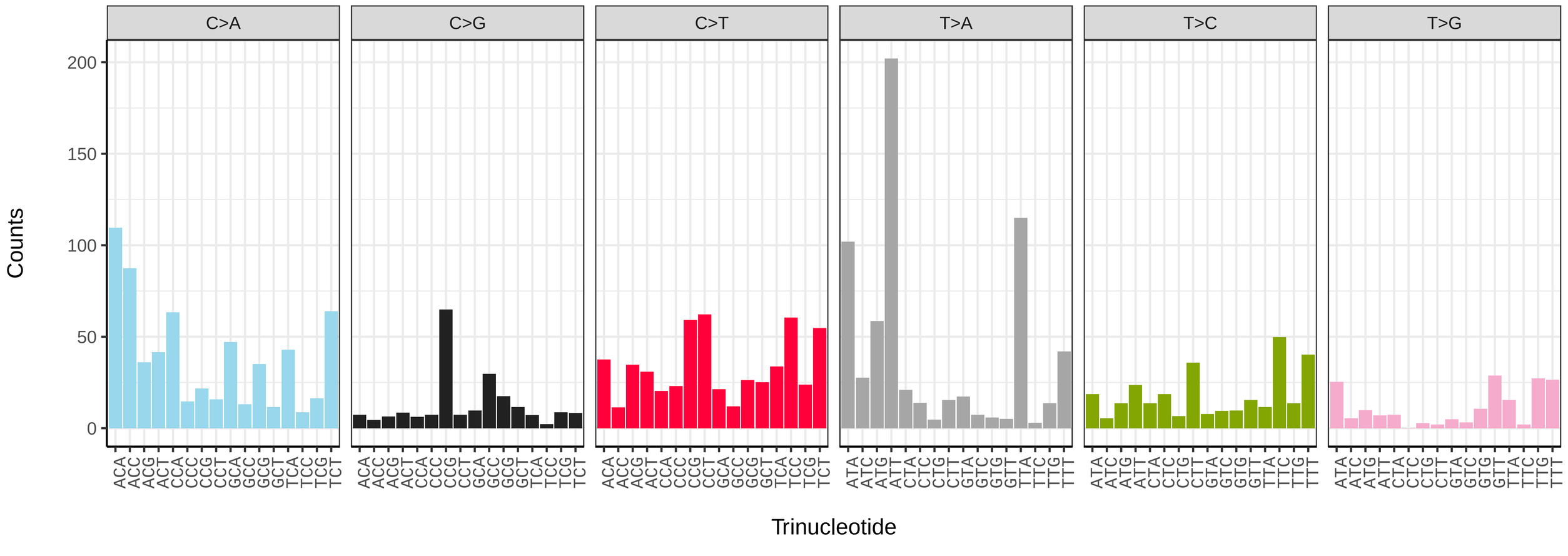
Schoenoplectus lacustris (lpSchLacu1) somatic mutational spectrum (SBS52 classification)



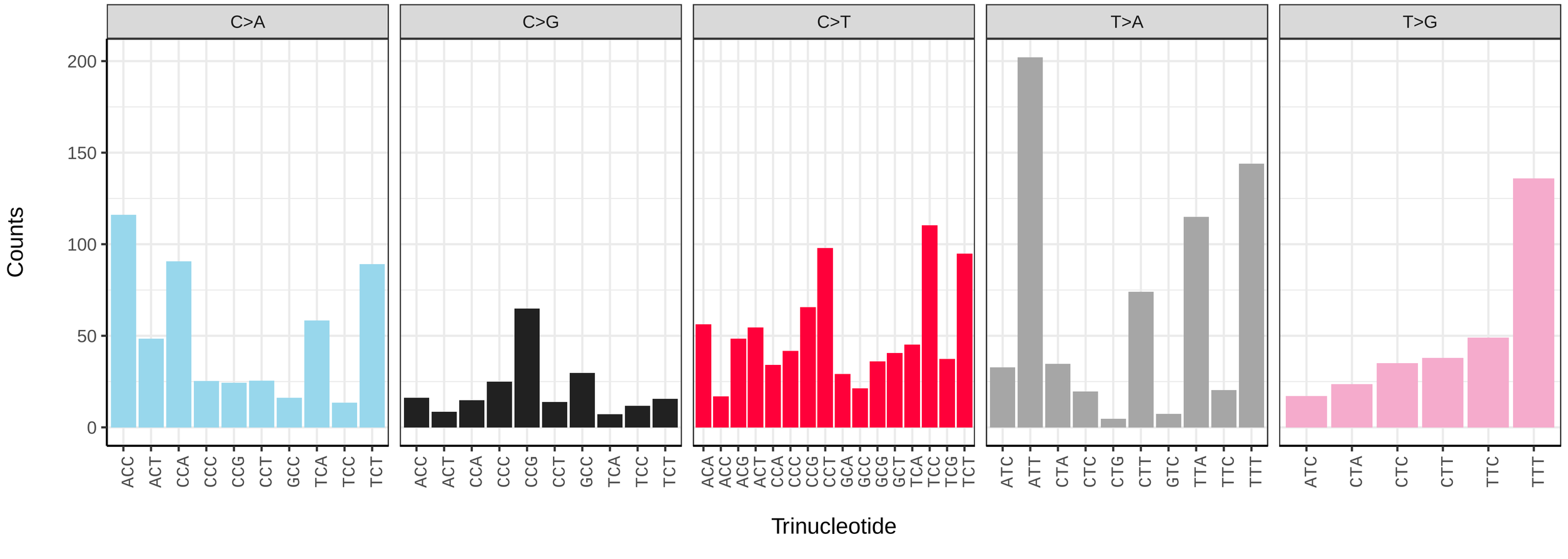
Schoenoplectus triqueter (lpSchTriq1) germline mutational spectrum



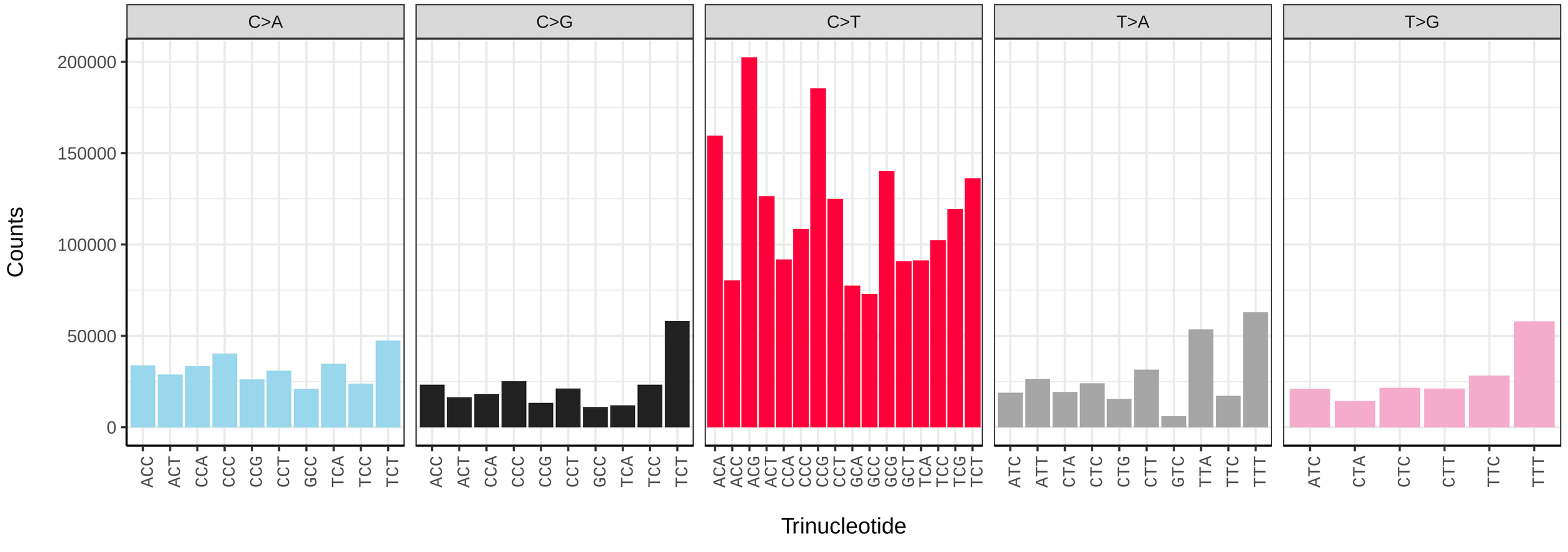
Schoenoplectus triqueter (lpSchTriq1) somatic mutational spectrum (SBS96 classification)



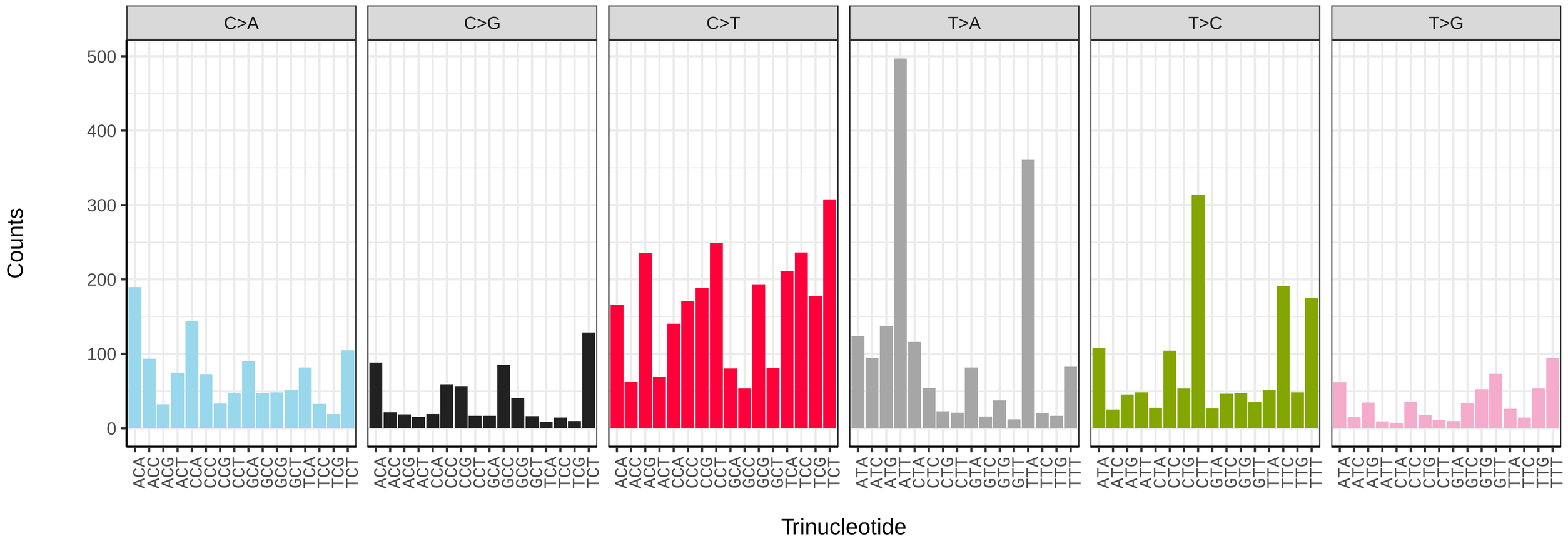
Schoenoplectus triqueter (lpSchTriq1) somatic mutational spectrum (SBS52 classification)



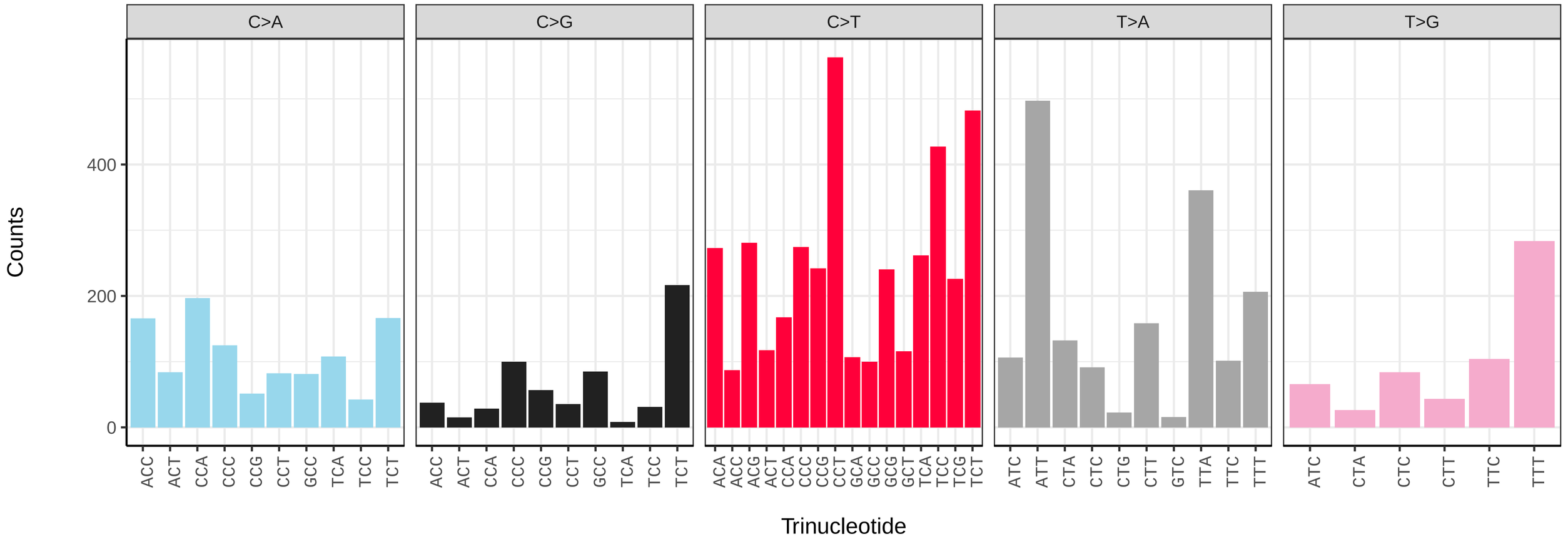
Canis lupus (mCanLor1) germline mutational spectrum



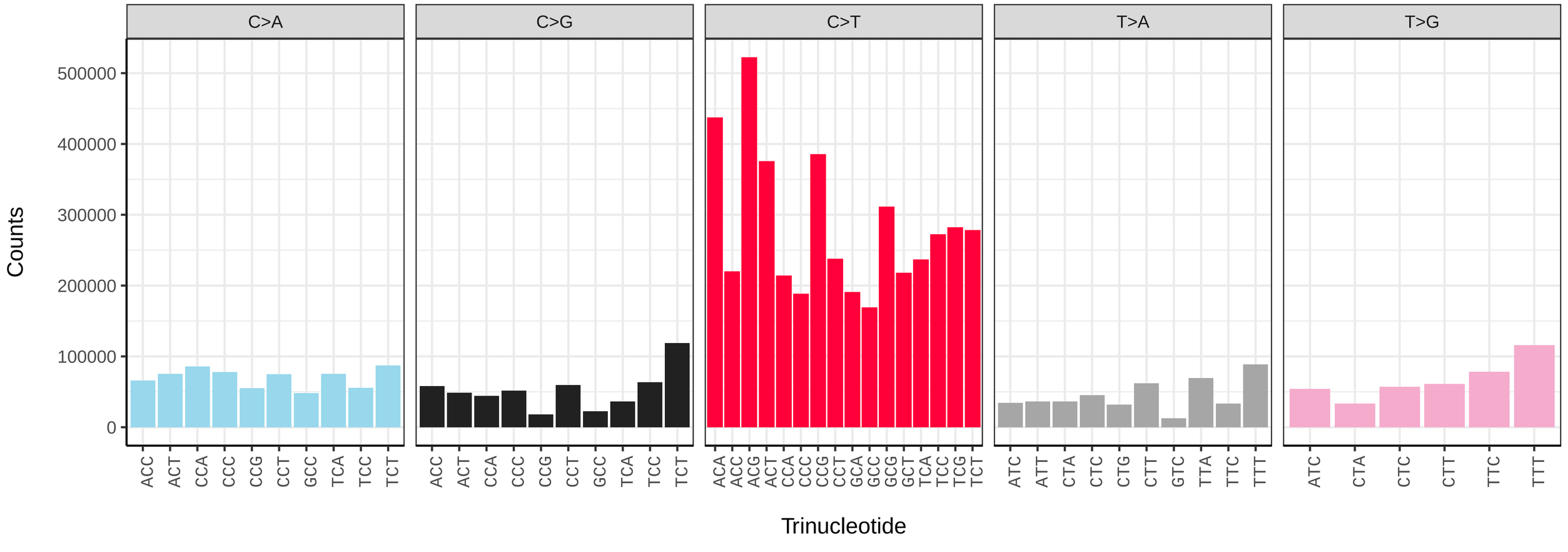
Canis lupus (mCanLor1) somatic mutational spectrum (SBS96 classification)



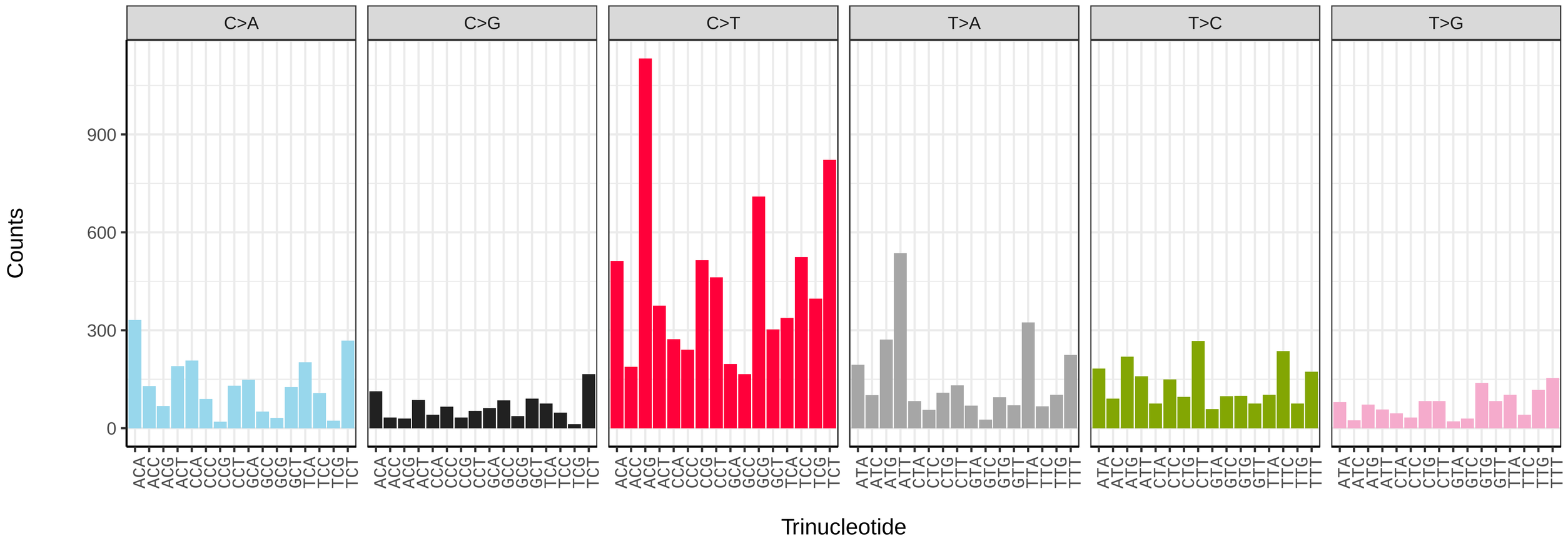
Canis lupus (mCanLor1) somatic mutational spectrum (SBS52 classification)



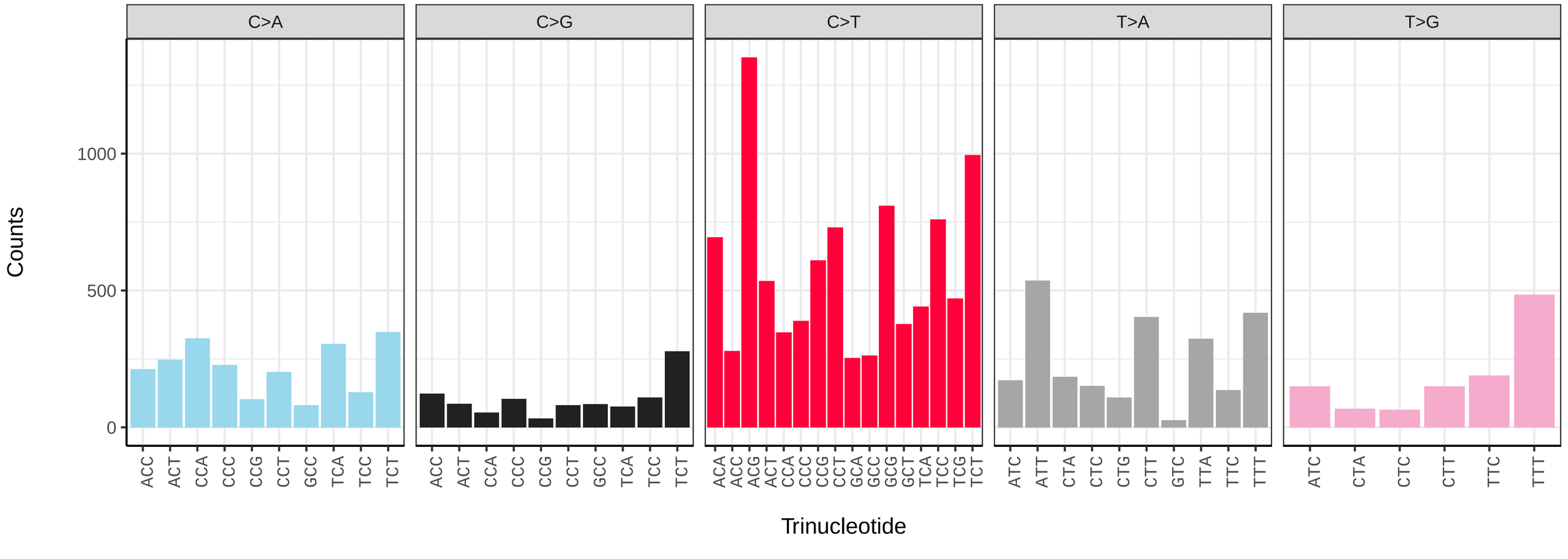
Cervus elaphus (mCerEla1) germline mutational spectrum



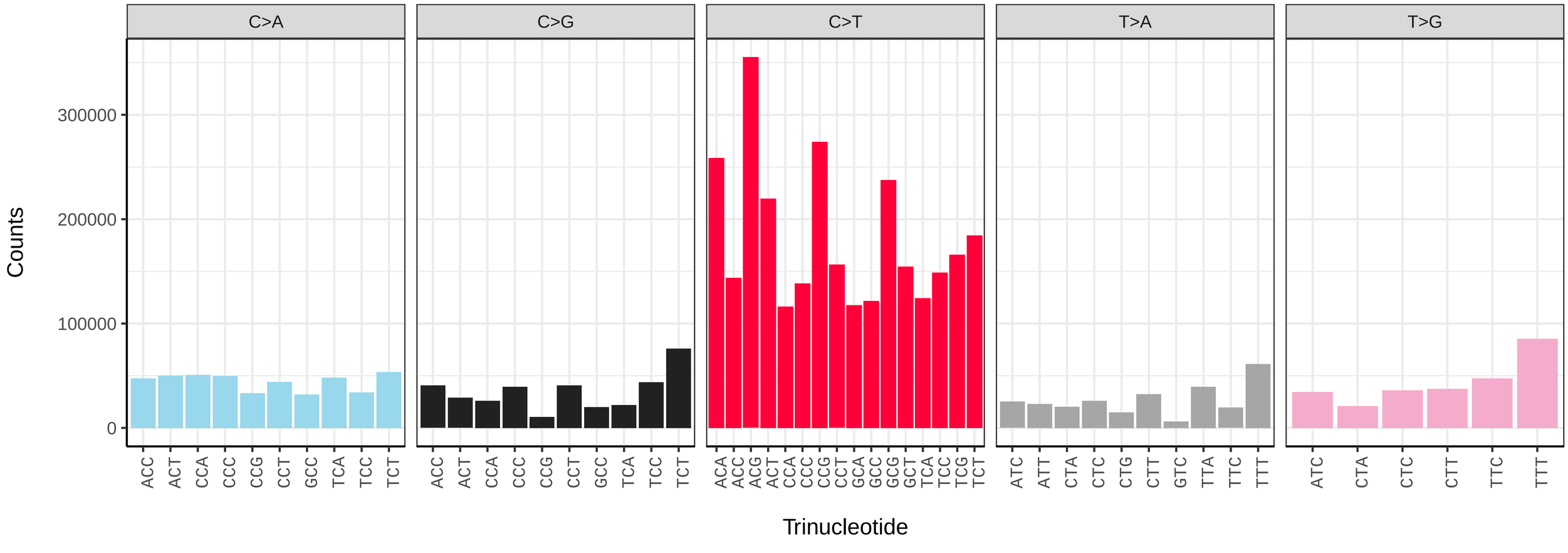
Cervus elaphus (mCerEla1) somatic mutational spectrum (SBS96 classification)



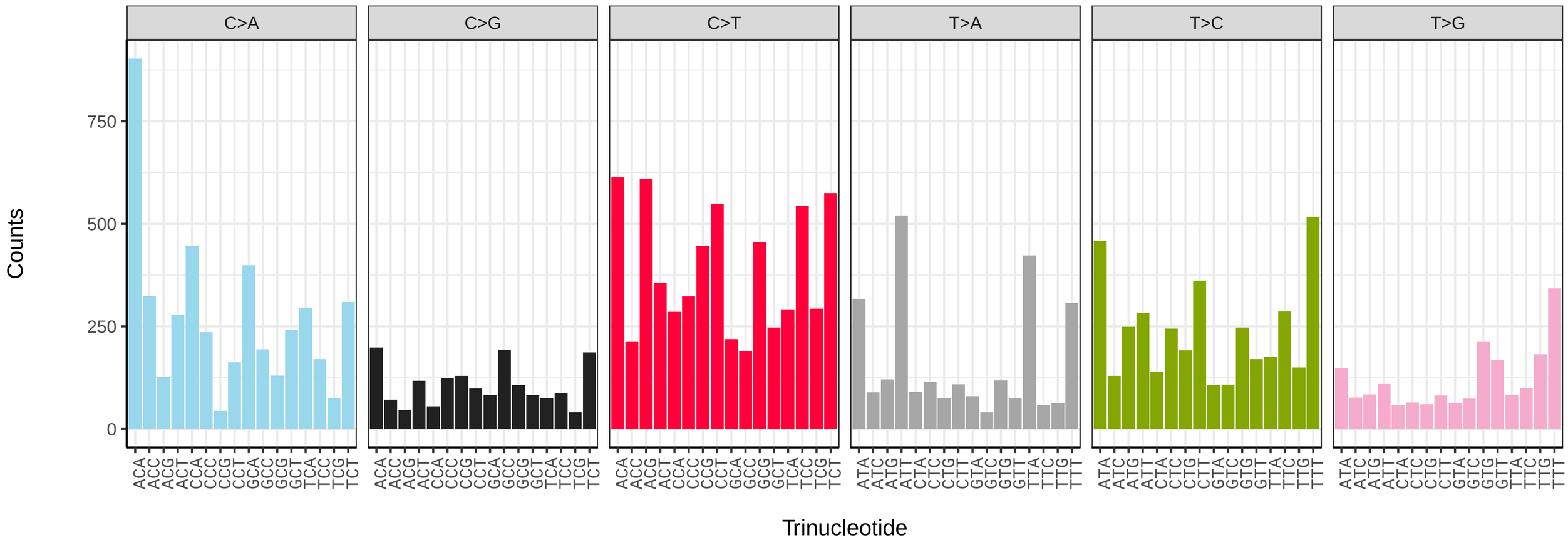
Cervus elaphus (mCerEla1) somatic mutational spectrum (SBS52 classification)



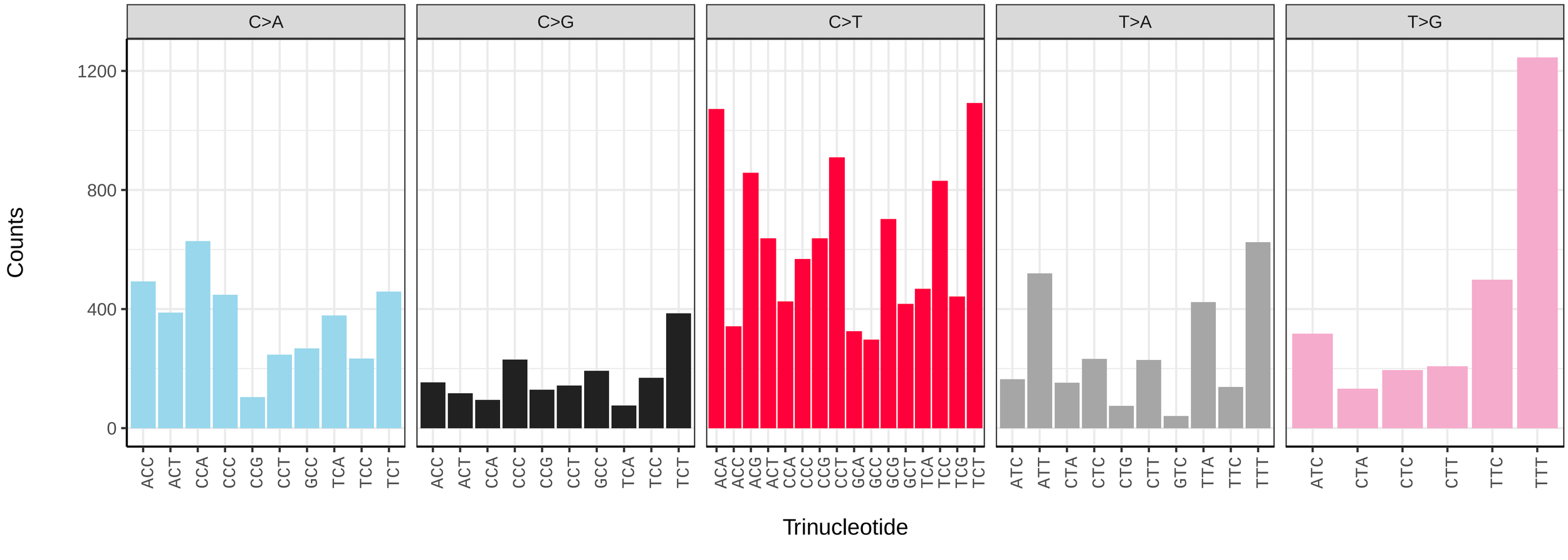
Delphinus delphis (mDelDel1) germline mutational spectrum



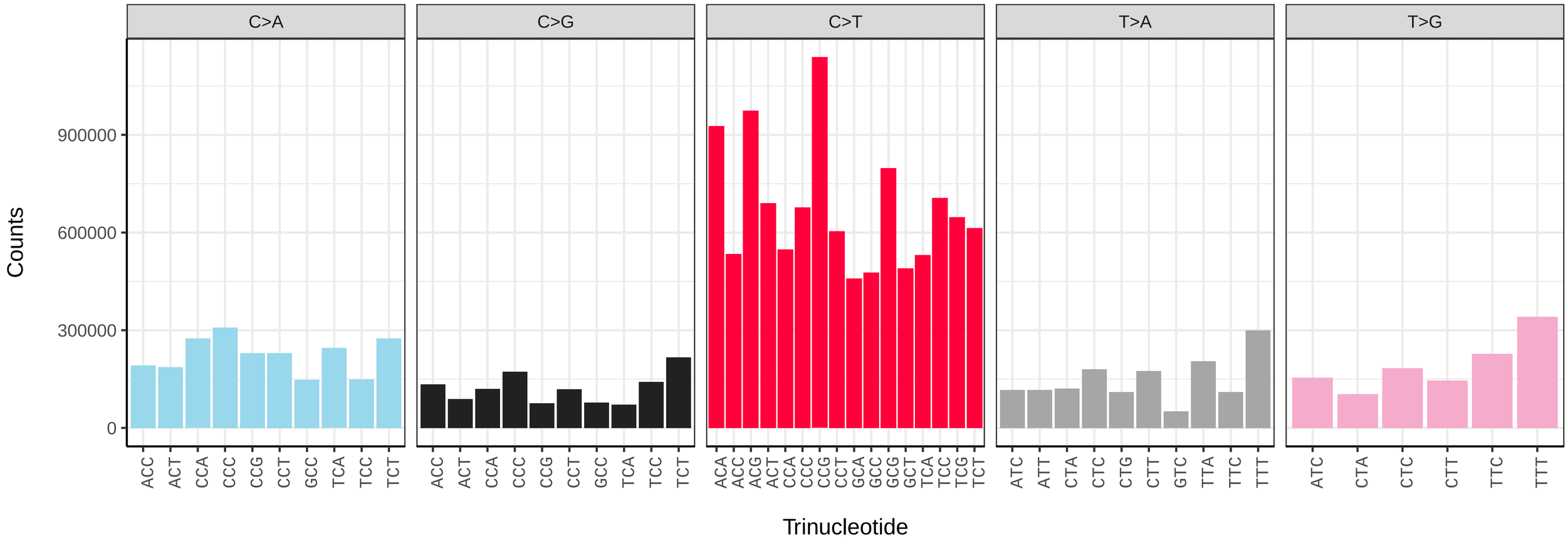
Delphinus delphis (mDelDel1) somatic mutational spectrum (SBS96 classification)



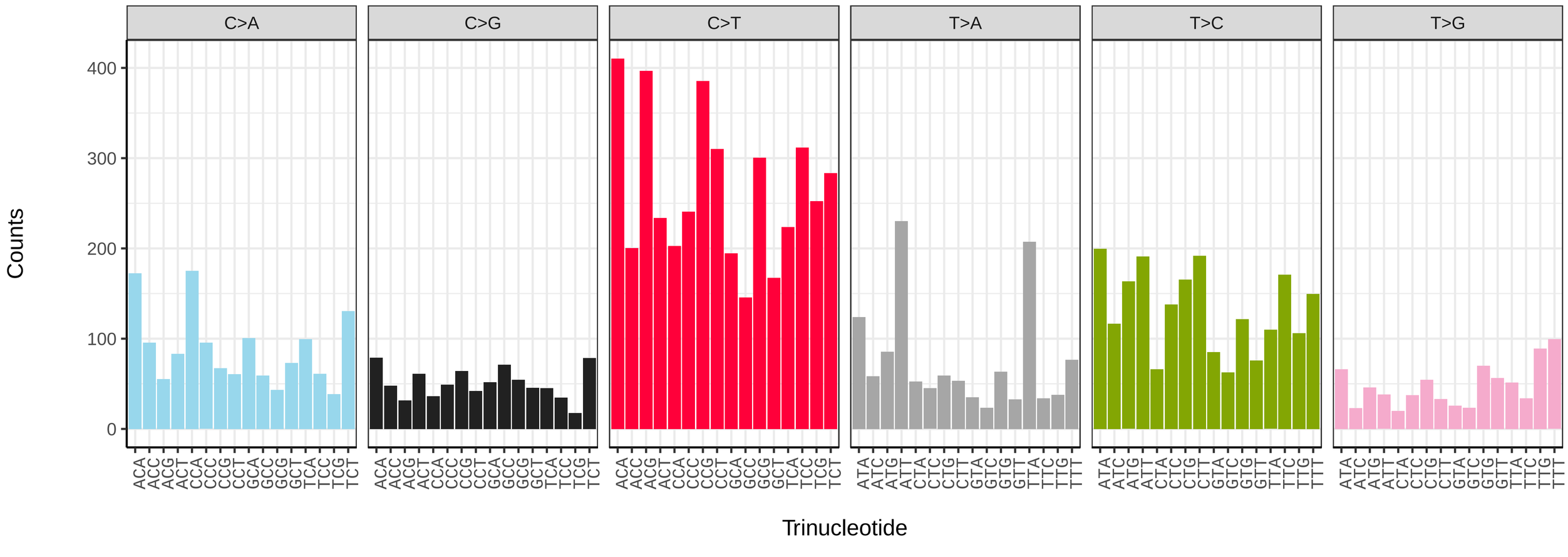
Delphinus delphis (mDelDel1) somatic mutational spectrum (SBS52 classification)



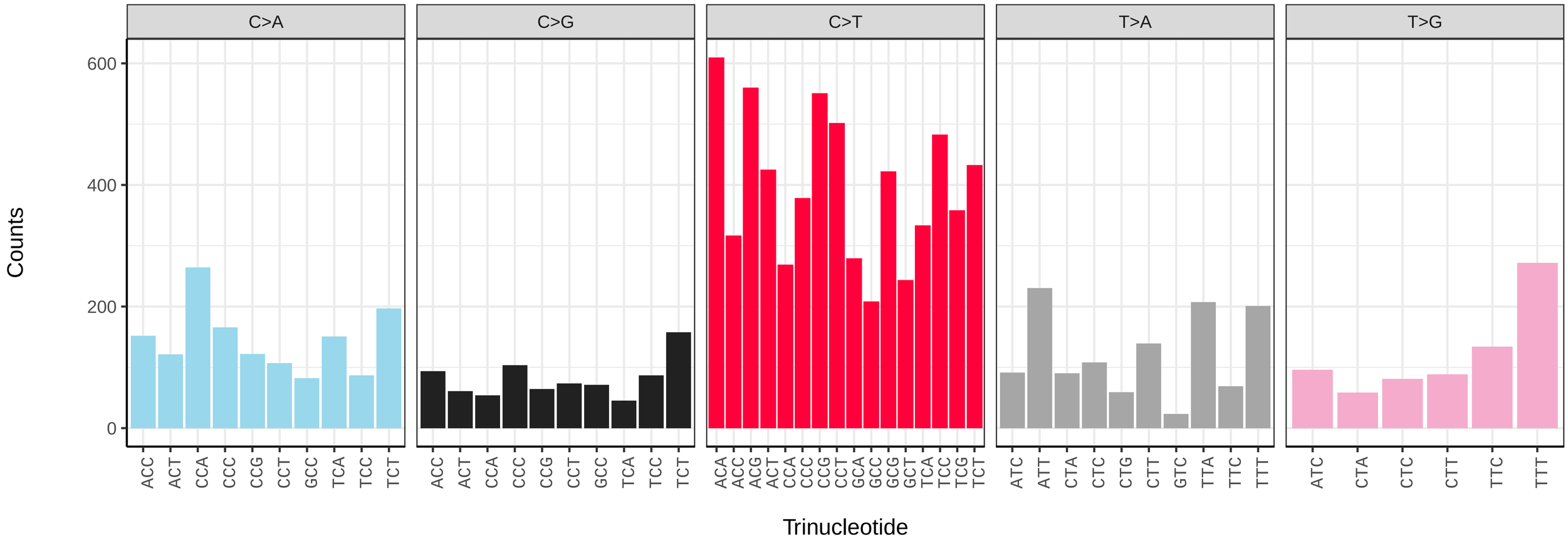
Eptesicus nilssonii (mEptNil1) germline mutational spectrum



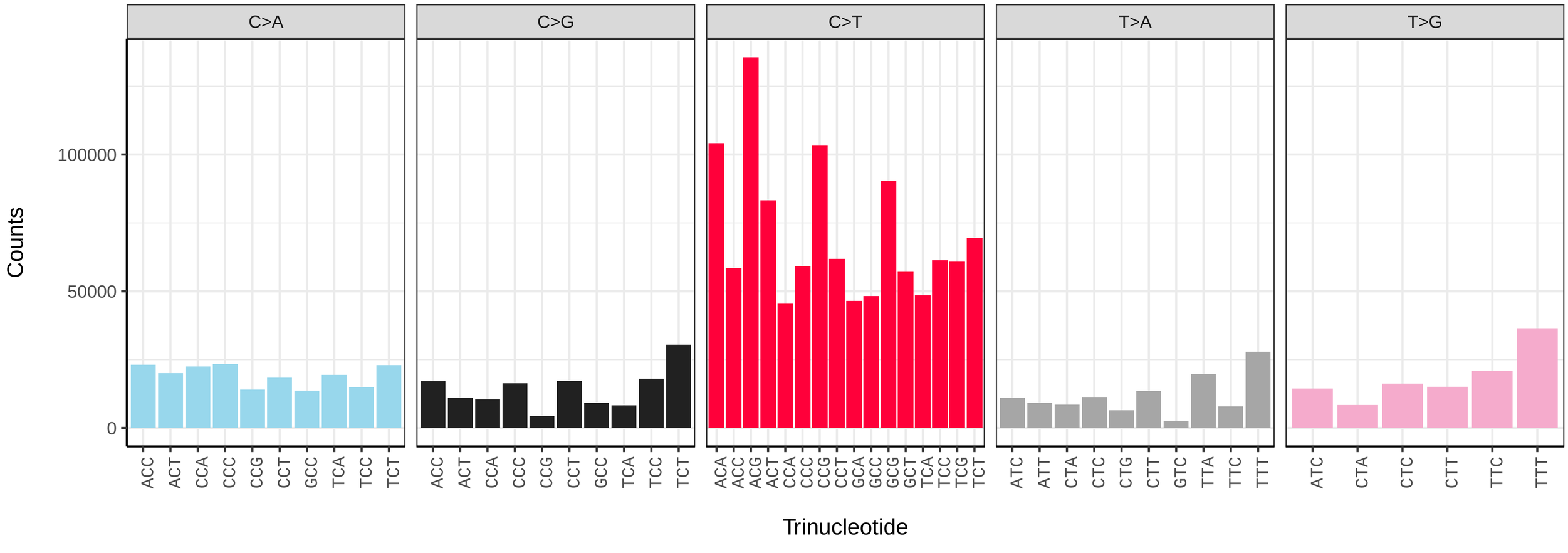
Eptesicus nilssonii (mEptNil1) somatic mutational spectrum (SBS96 classification)



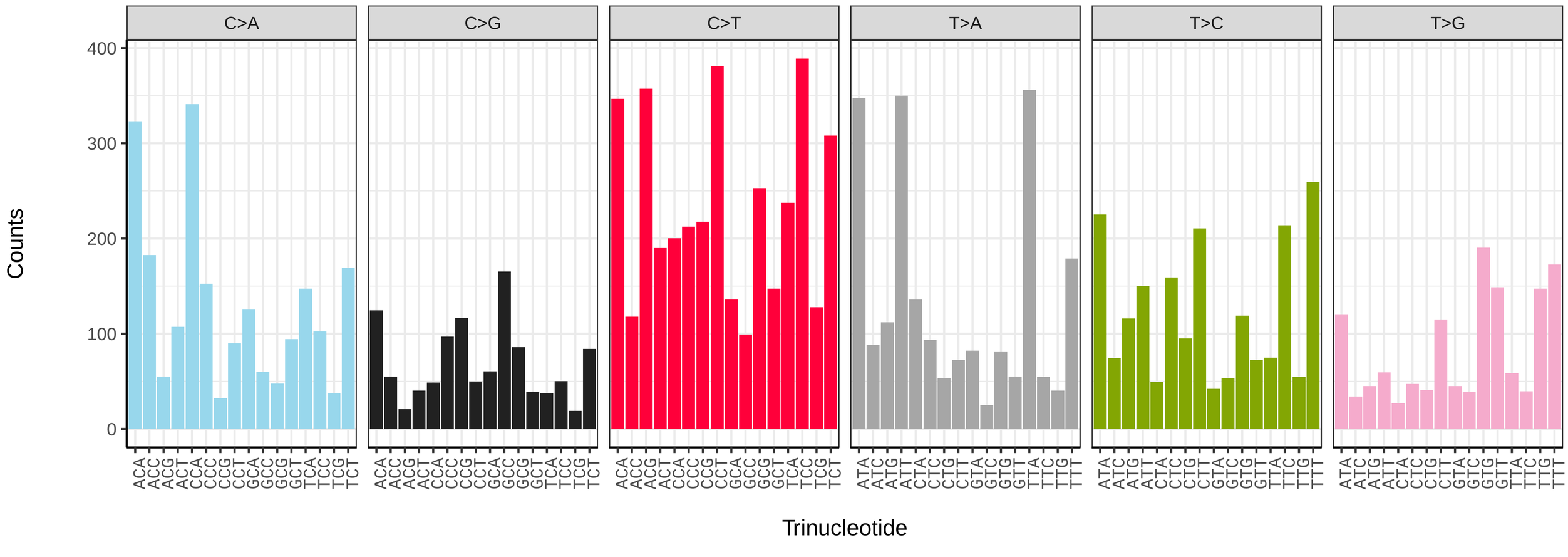
Eptesicus nilssonii (mEptNil1) somatic mutational spectrum (SBS52 classification)



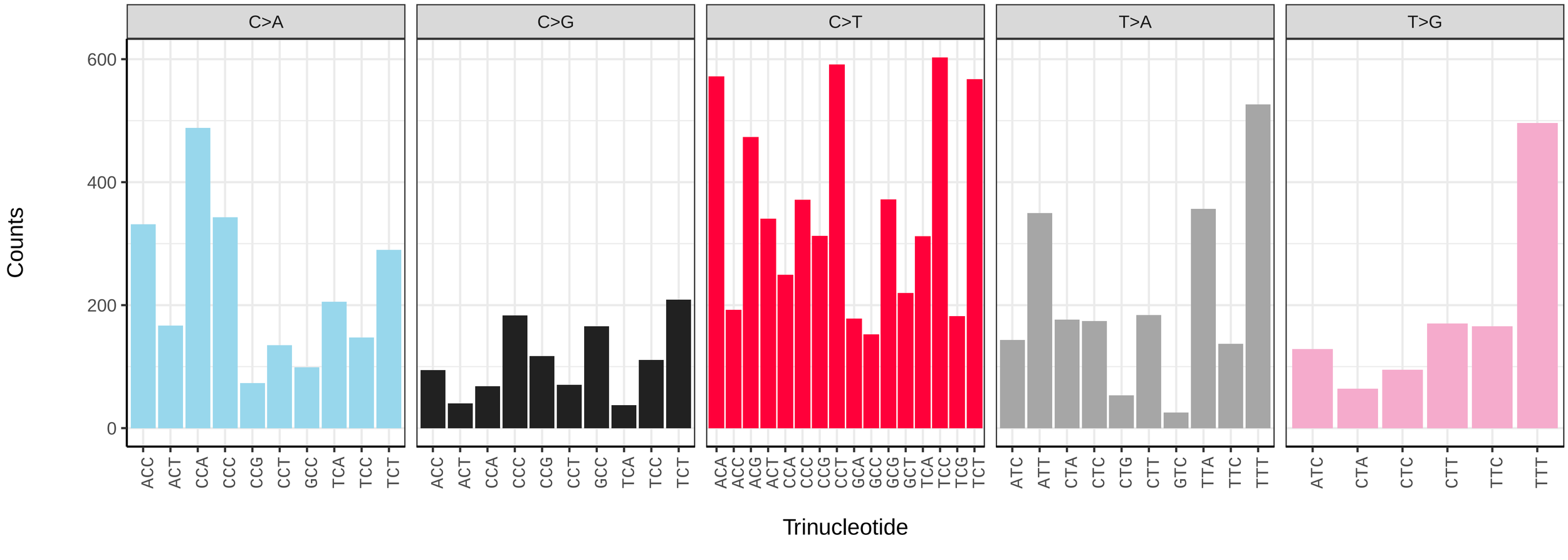
Globicephala melas (mGloMel1) germline mutational spectrum



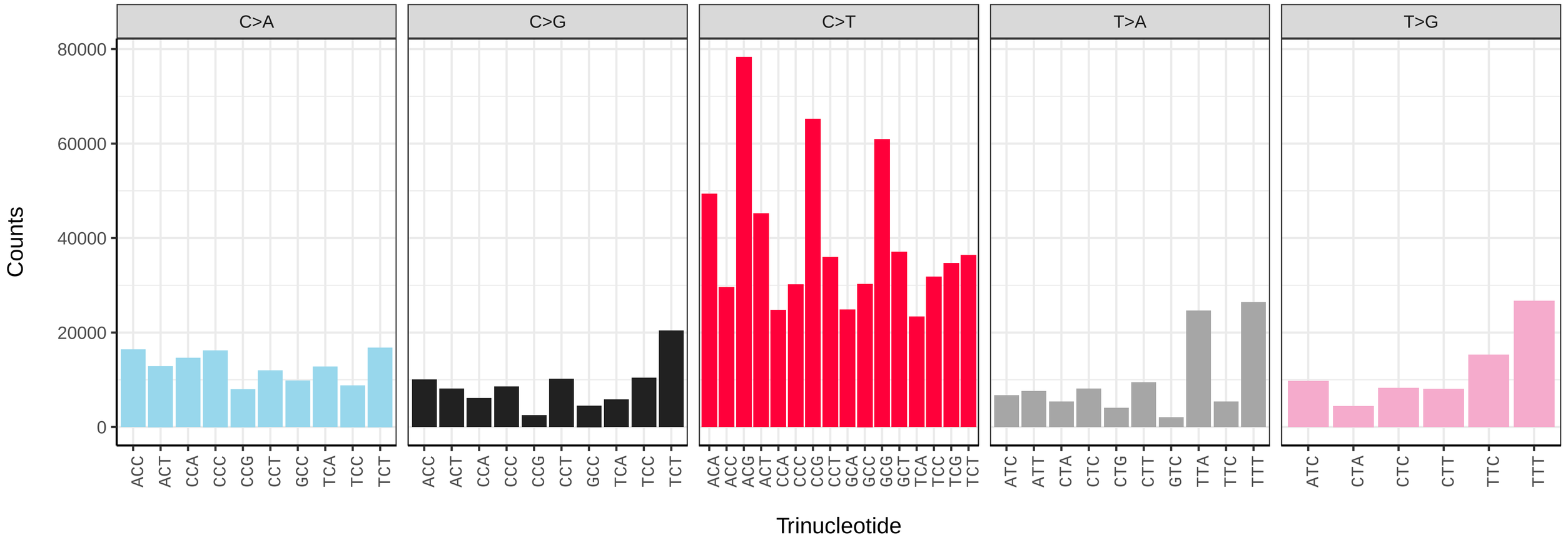
Globicephala melas (mGloMel1) somatic mutational spectrum (SBS96 classification)



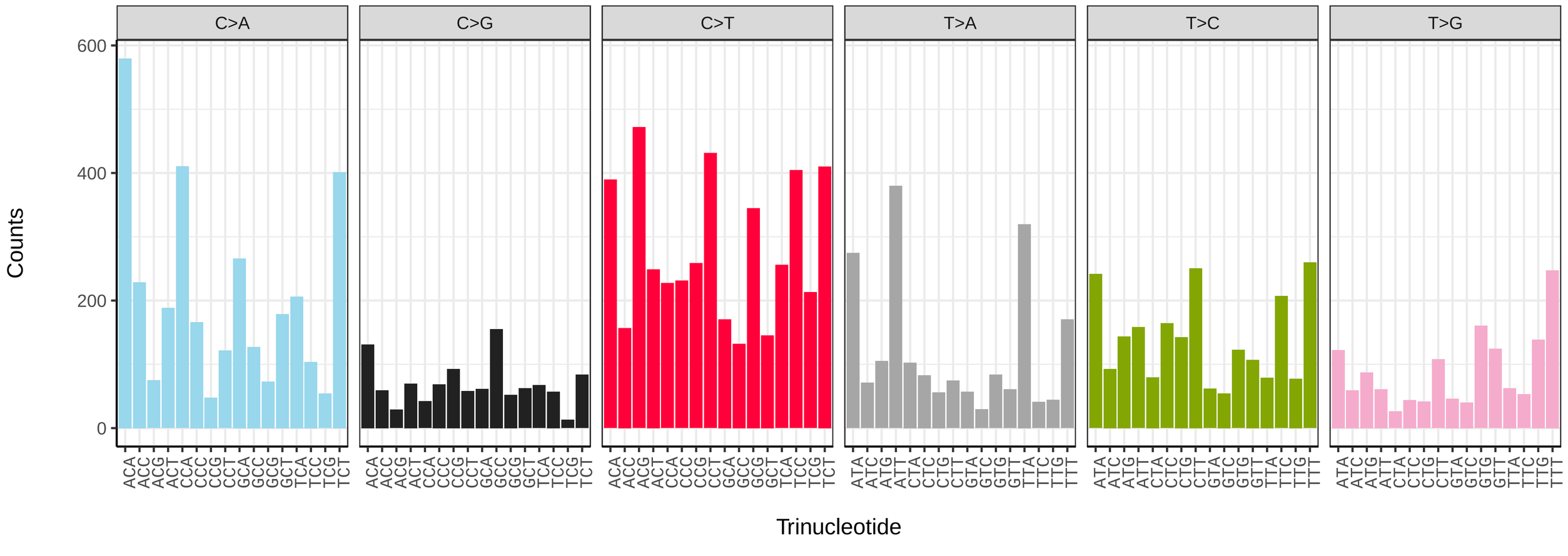
Globicephala melas (mGloMel1) somatic mutational spectrum (SBS52 classification)



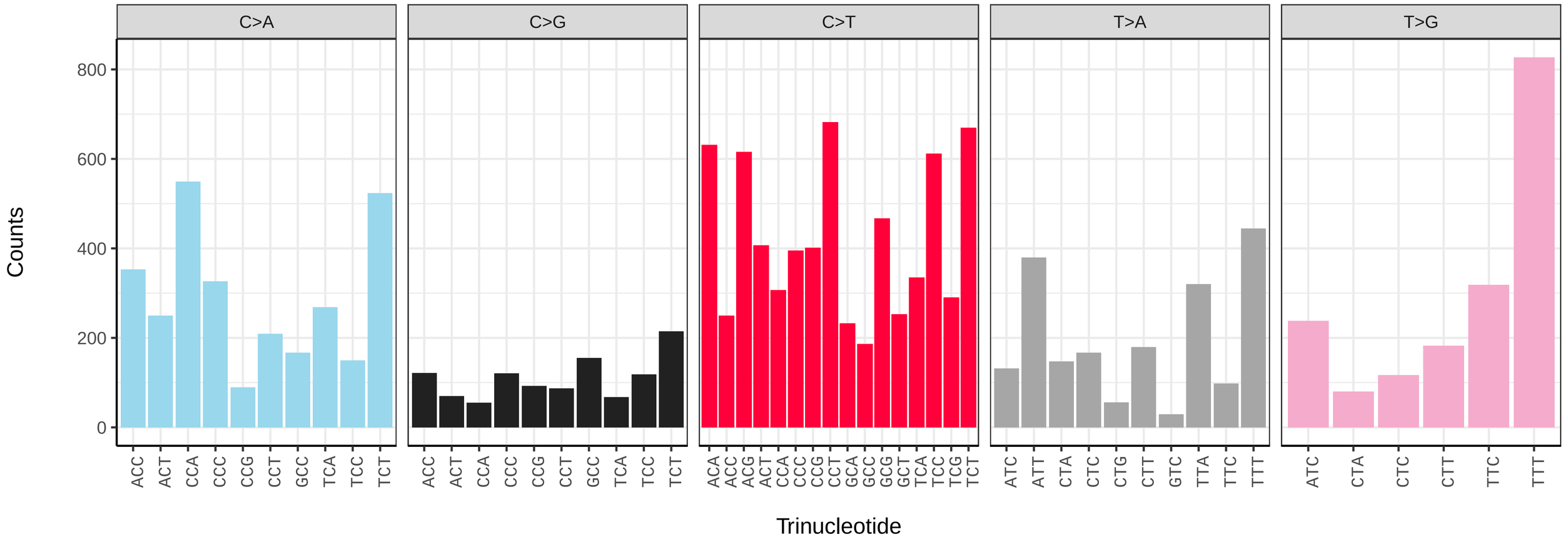
Hyperoodon ampullatus (mHypAmp2) germline mutational spectrum



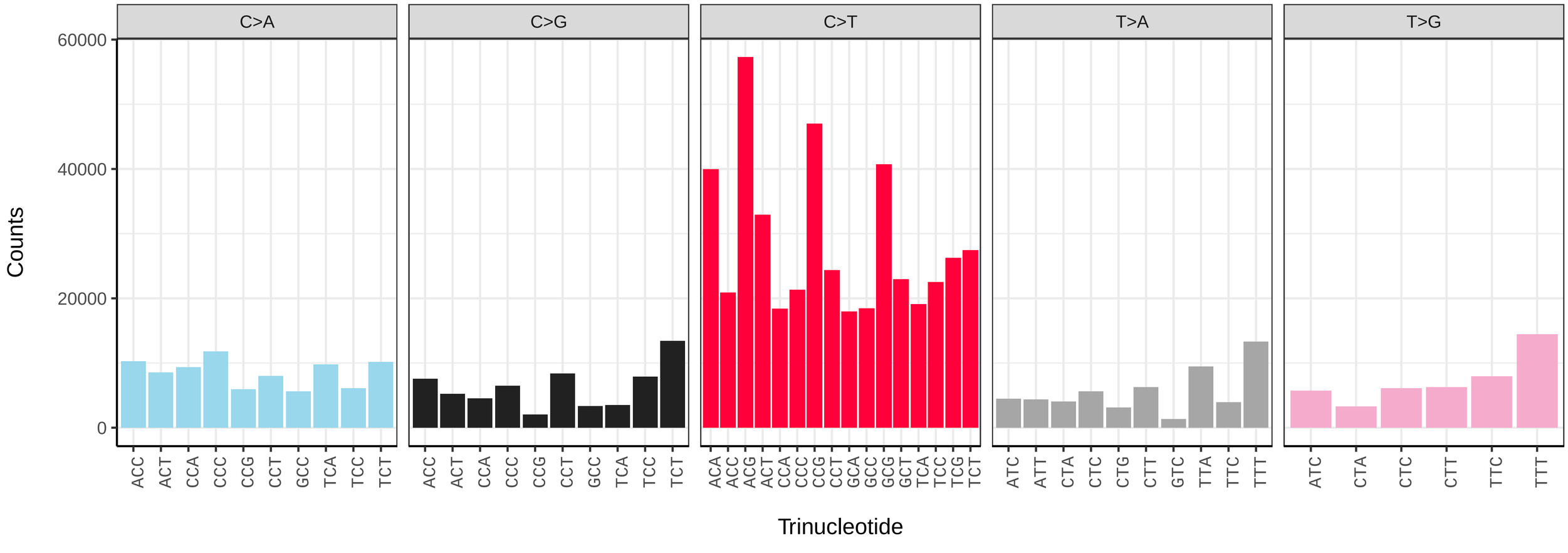
Hyperoodon ampullatus (mHypAmp2) somatic mutational spectrum (SBS96 classification)



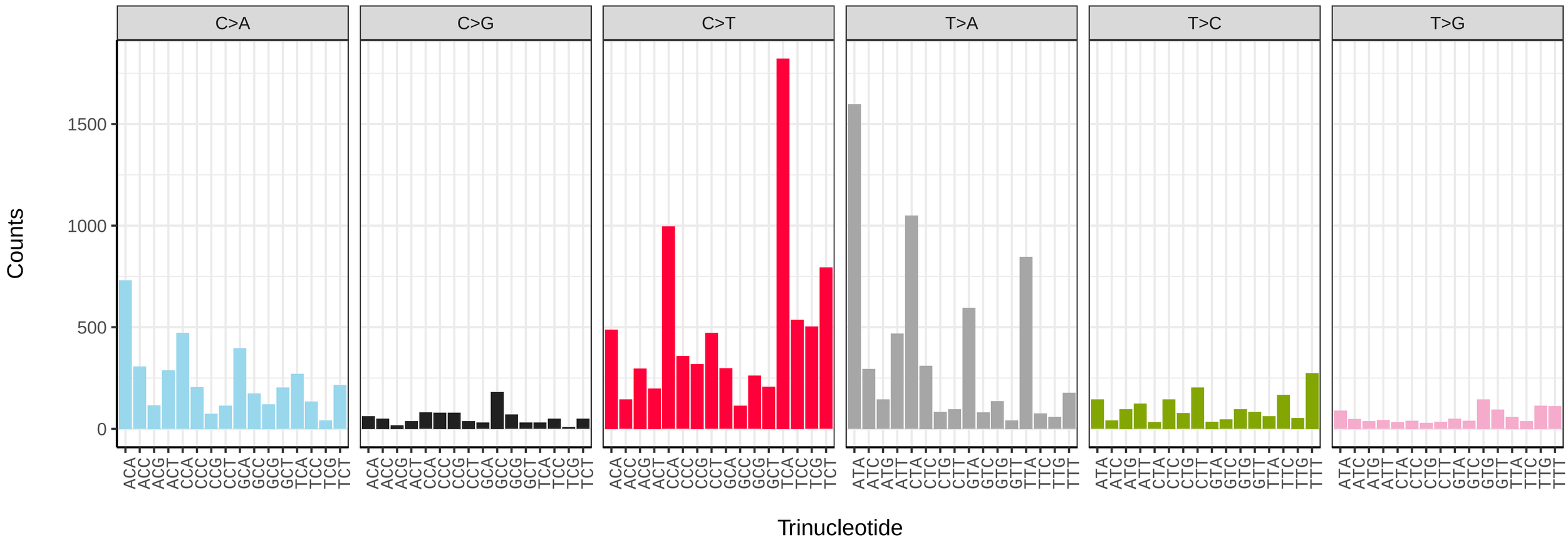
Hyperoodon ampullatus (mHypAmp2) somatic mutational spectrum (SBS52 classification)



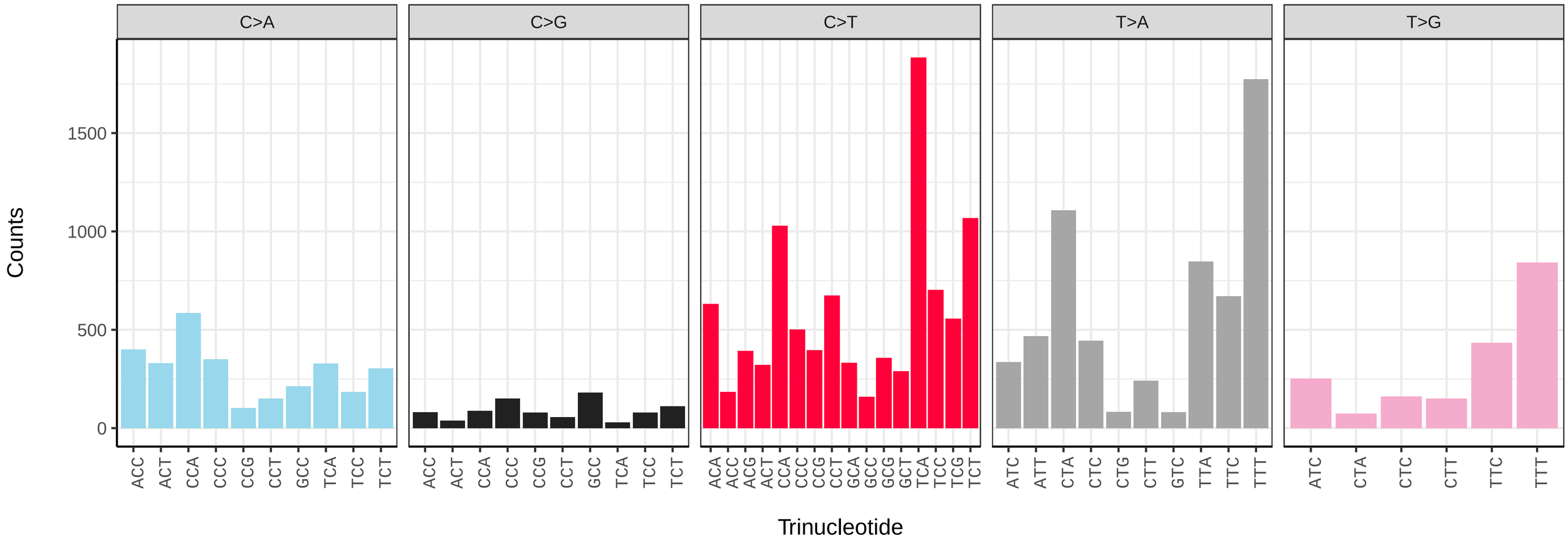
Lagenorhynchus albirostris (mLagAlb1) germline mutational spectrum



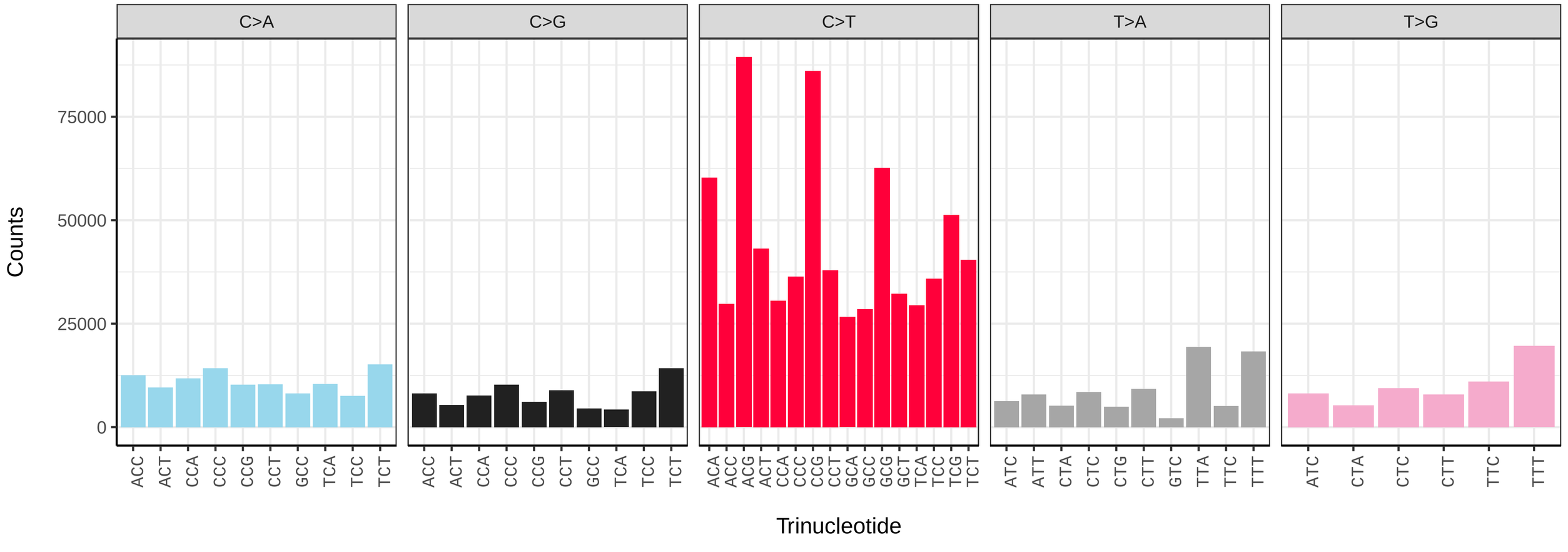
Lagenorhynchus albirostris (mLagAlb1) somatic mutational spectrum (SBS96 classification)



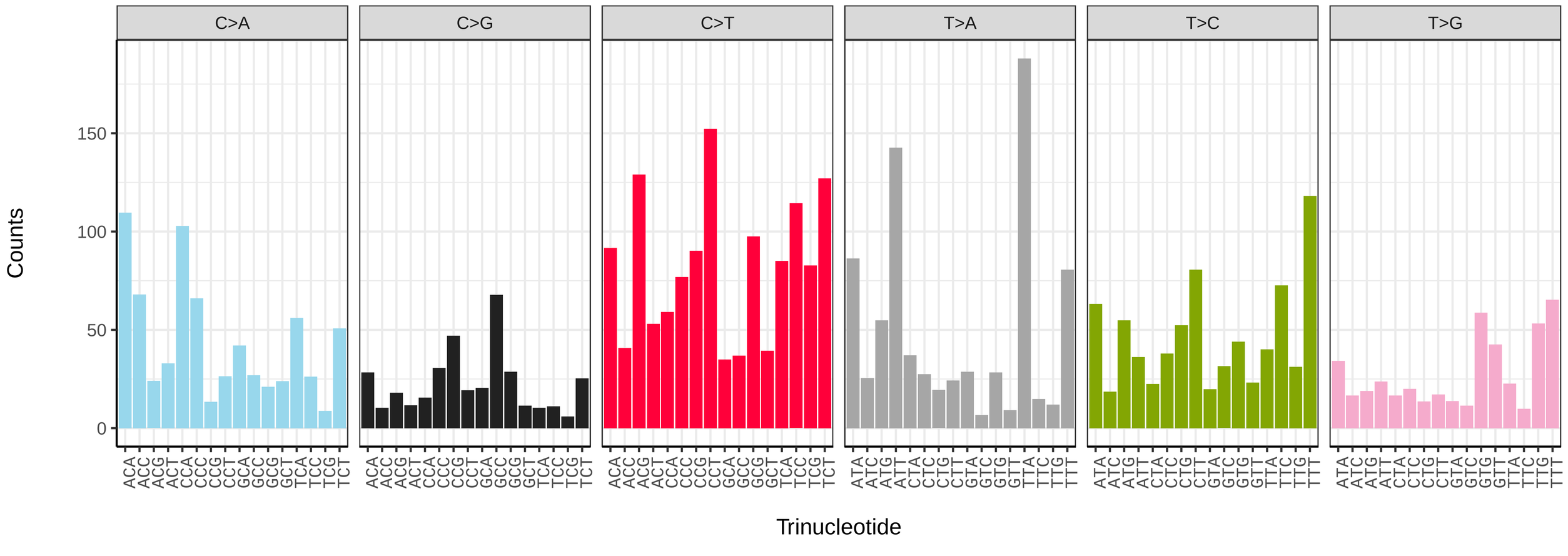
Lagenorhynchus albirostris (mLagAlb1) somatic mutational spectrum (SBS52 classification)



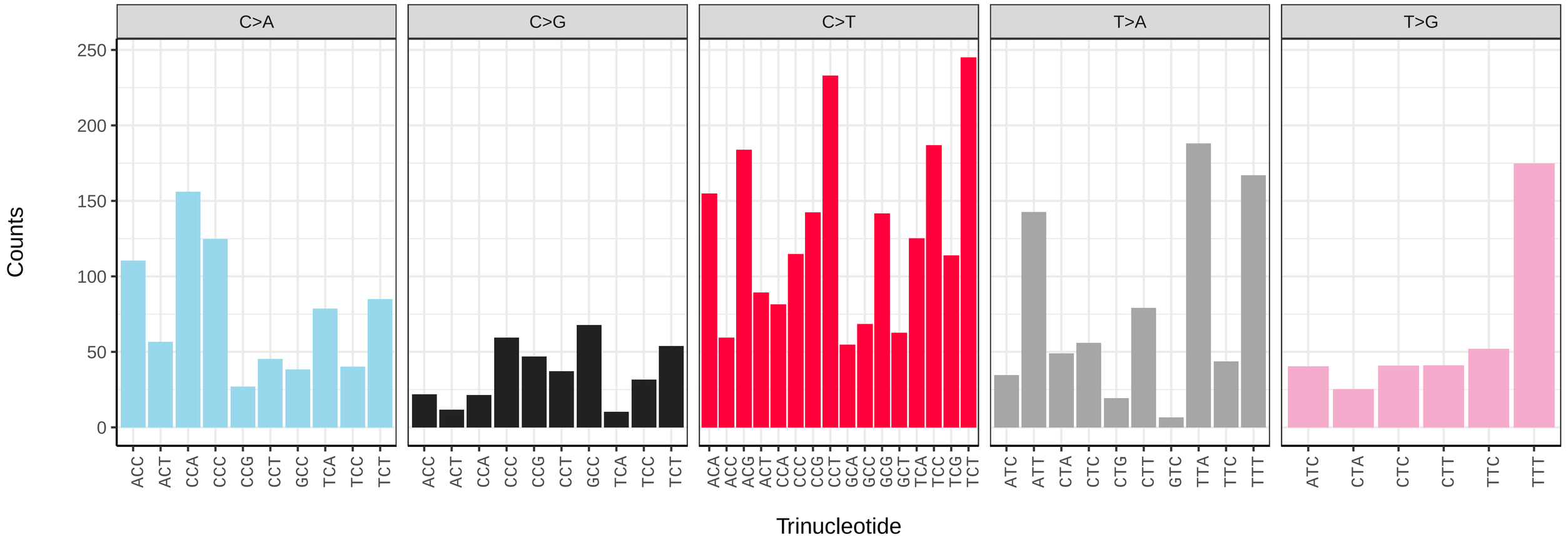
Martes martes (mMarMar1) germline mutational spectrum



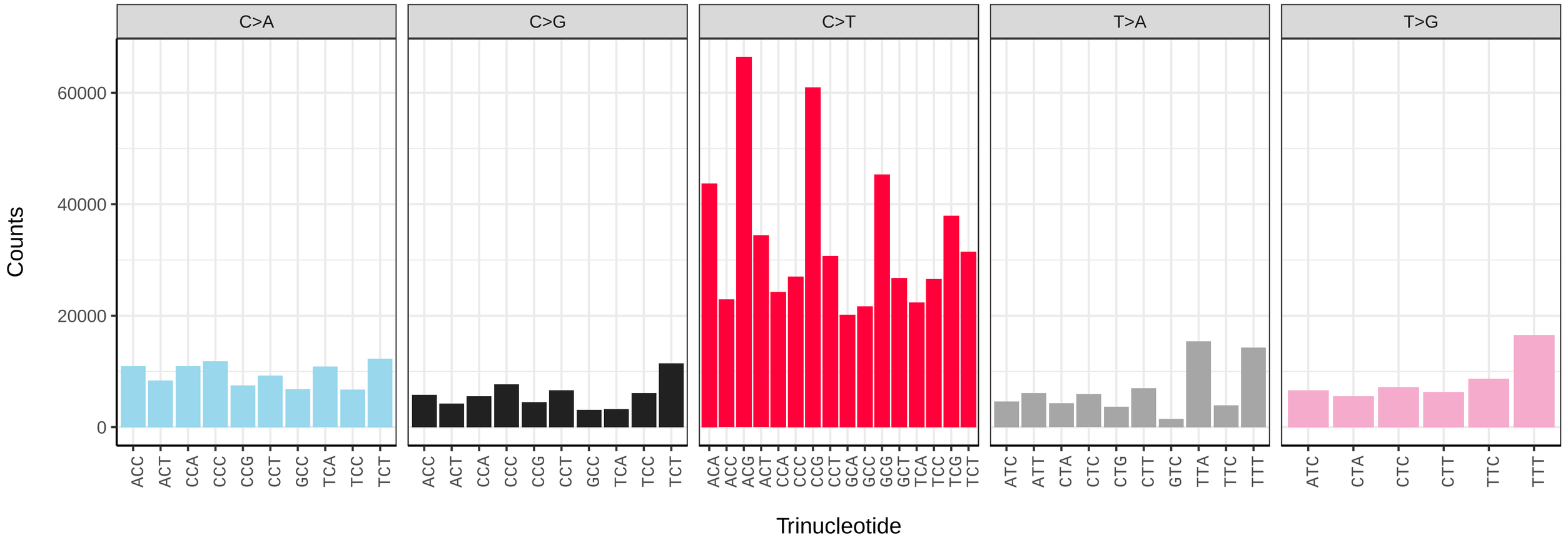
Martes martes (mMarMar1) somatic mutational spectrum (SBS96 classification)



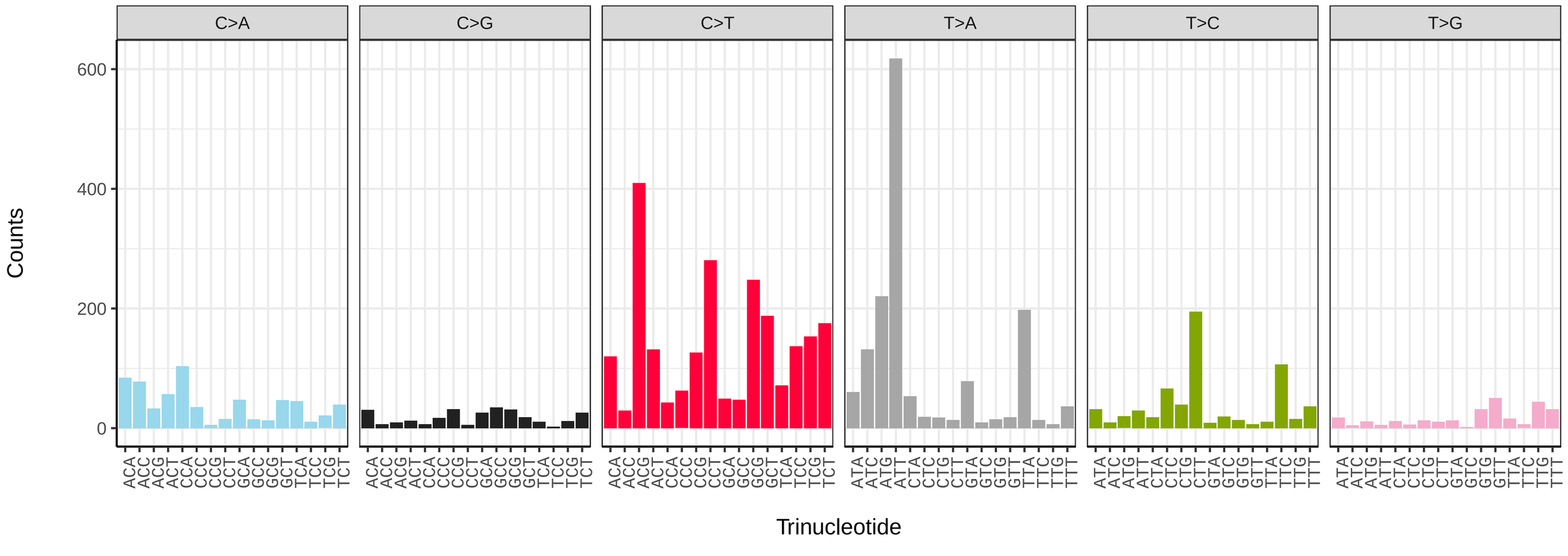
Martes martes (mMarMar1) somatic mutational spectrum (SBS52 classification)



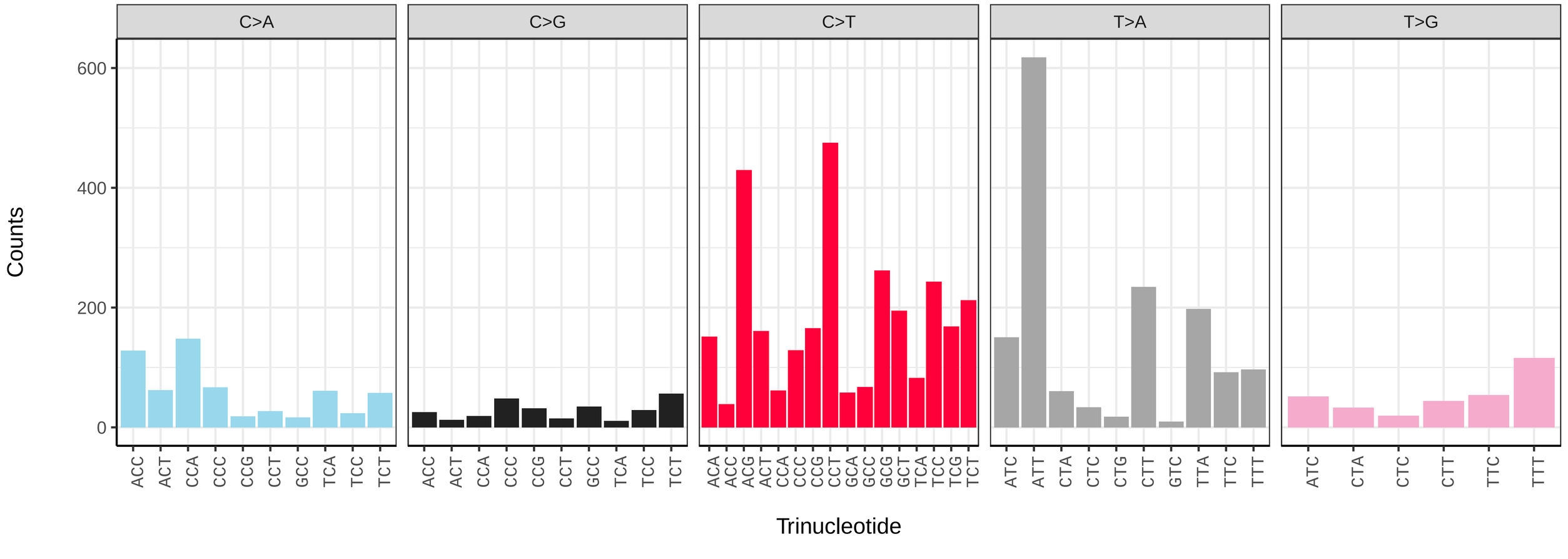
Meles meles (mMelMel3) germline mutational spectrum



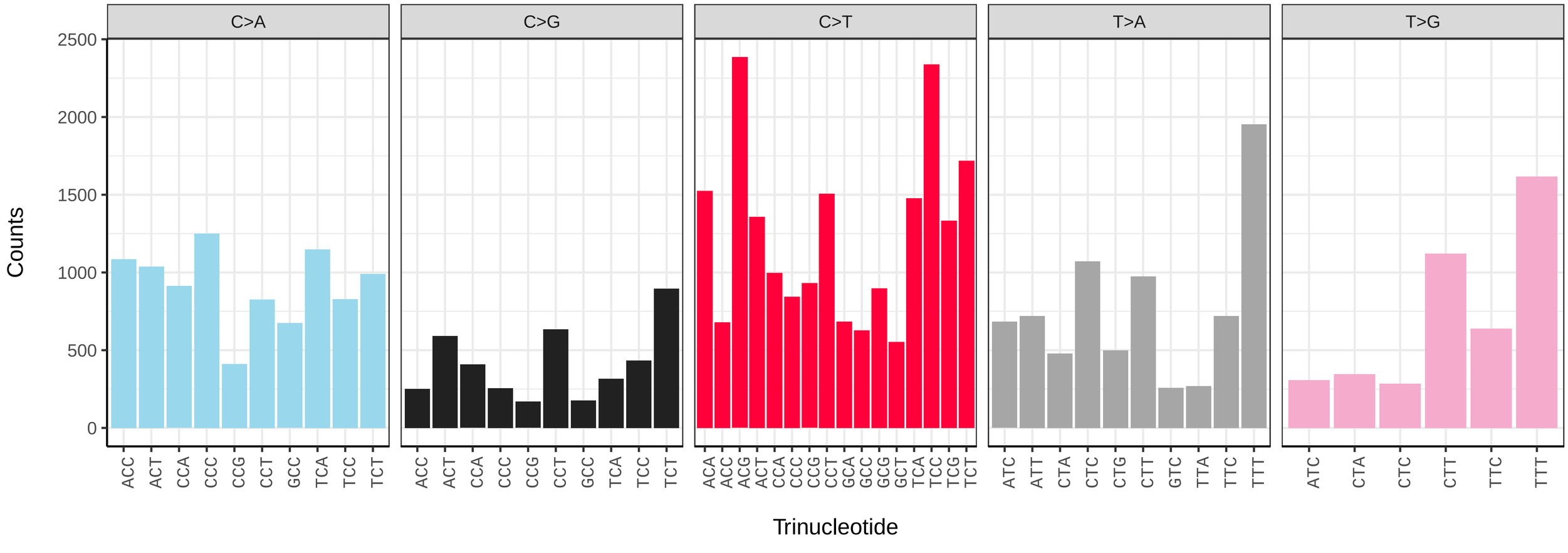
Meles meles (mMelMel3) somatic mutational spectrum (SBS96 classification)



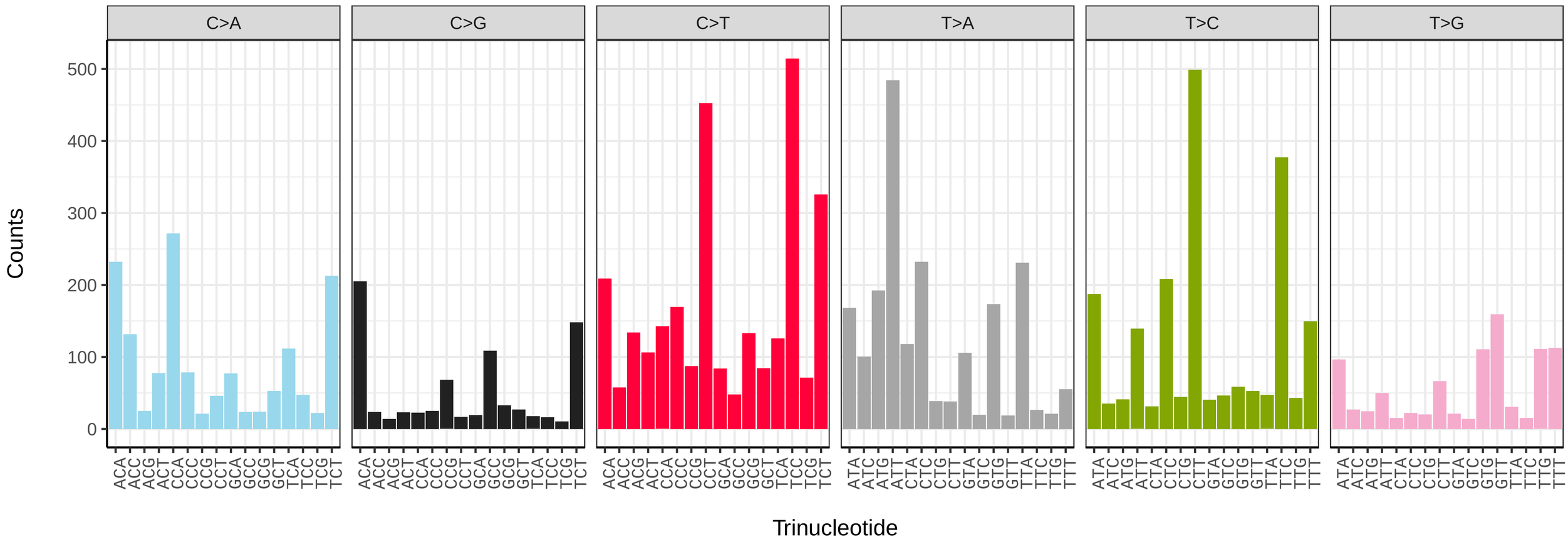
Meles meles (mMelMel3) somatic mutational spectrum (SBS52 classification)



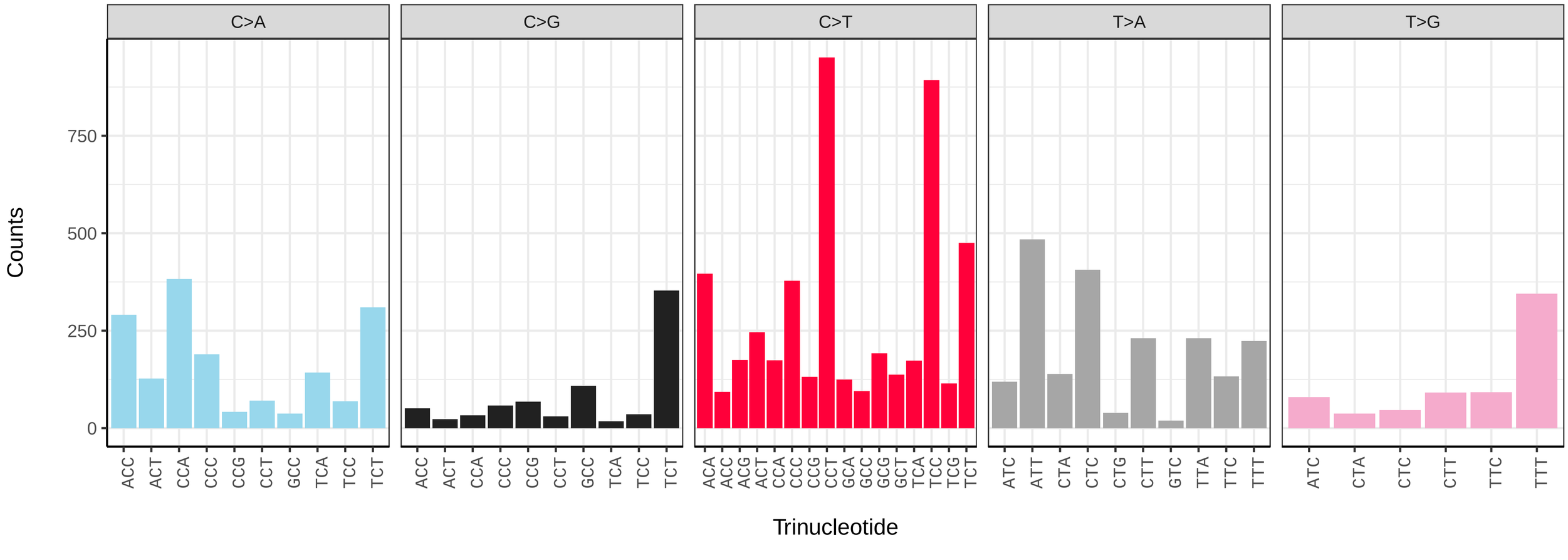
Mus musculus (mMusMuc1) germline mutational spectrum



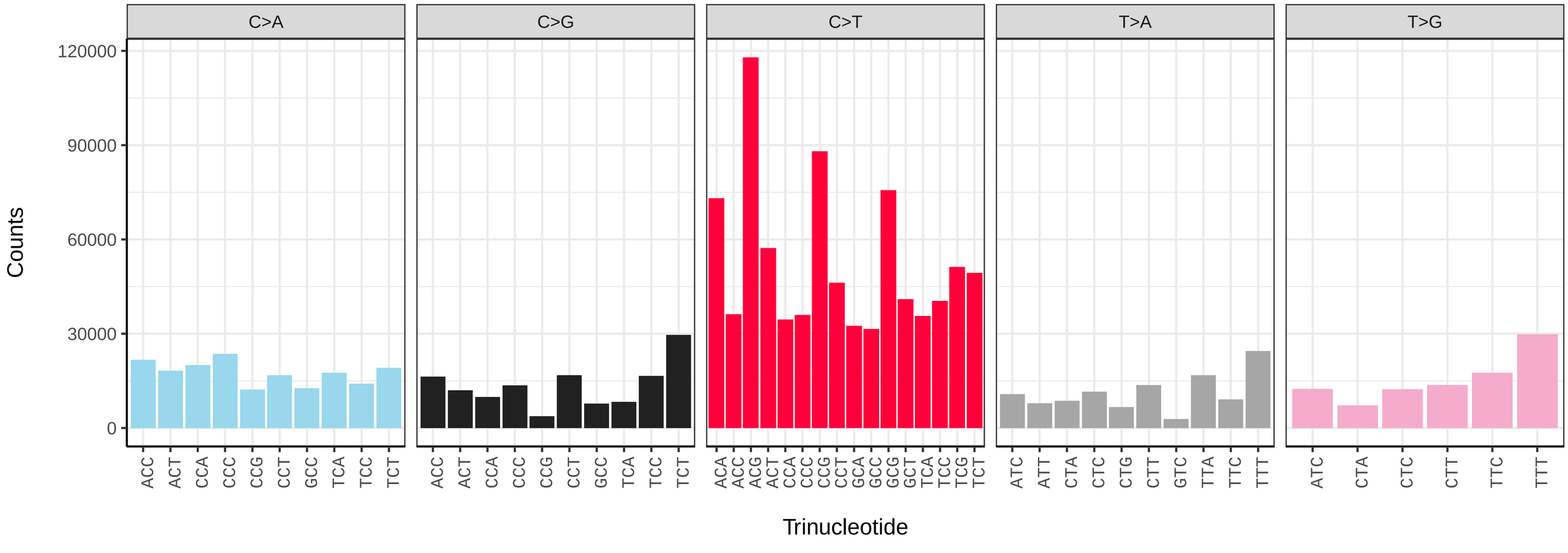
Mus musculus (mMusMuc1) somatic mutational spectrum (SBS96 classification)



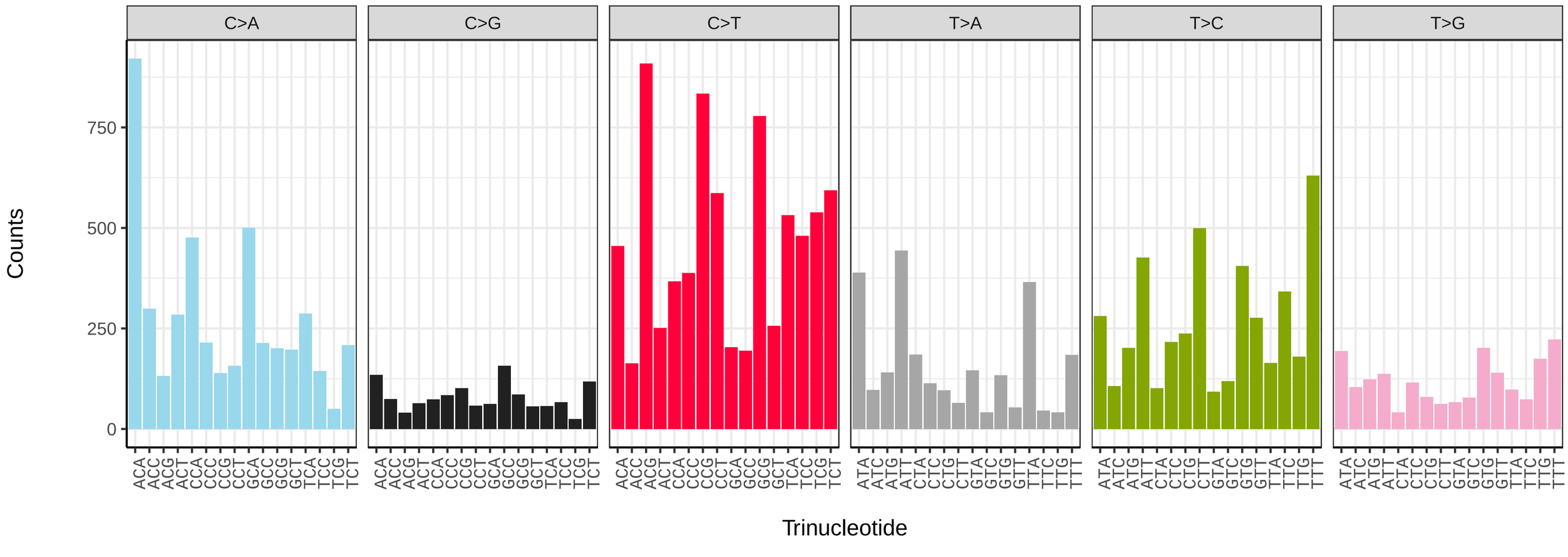
Mus musculus (mMusMuc1) somatic mutational spectrum (SBS52 classification)



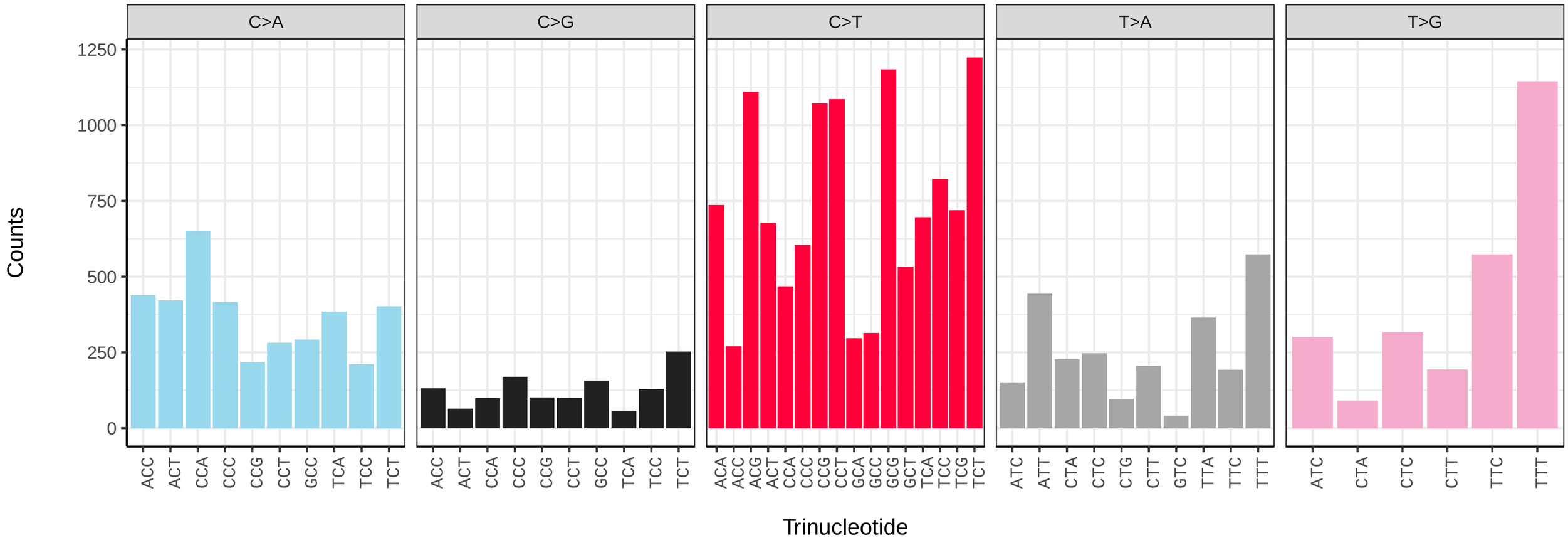
Orcinus orca (mOrcOrc1) germline mutational spectrum



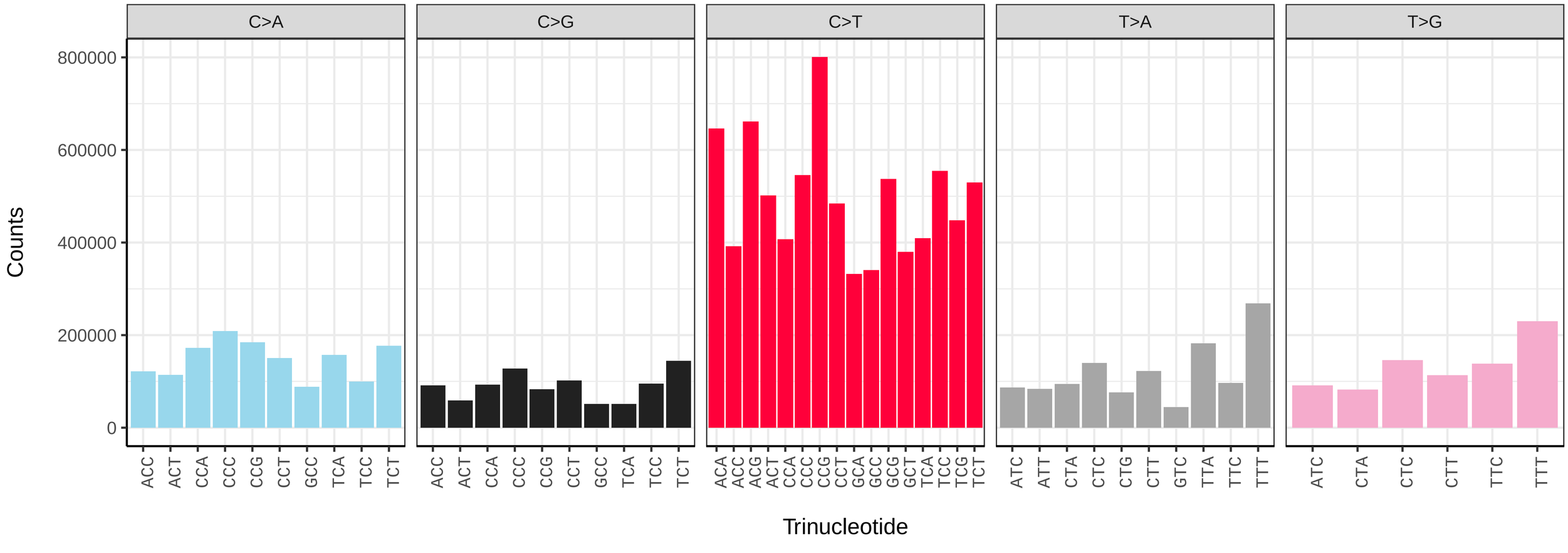
Orcinus orca (mOrcOrc1) somatic mutational spectrum (SBS96 classification)



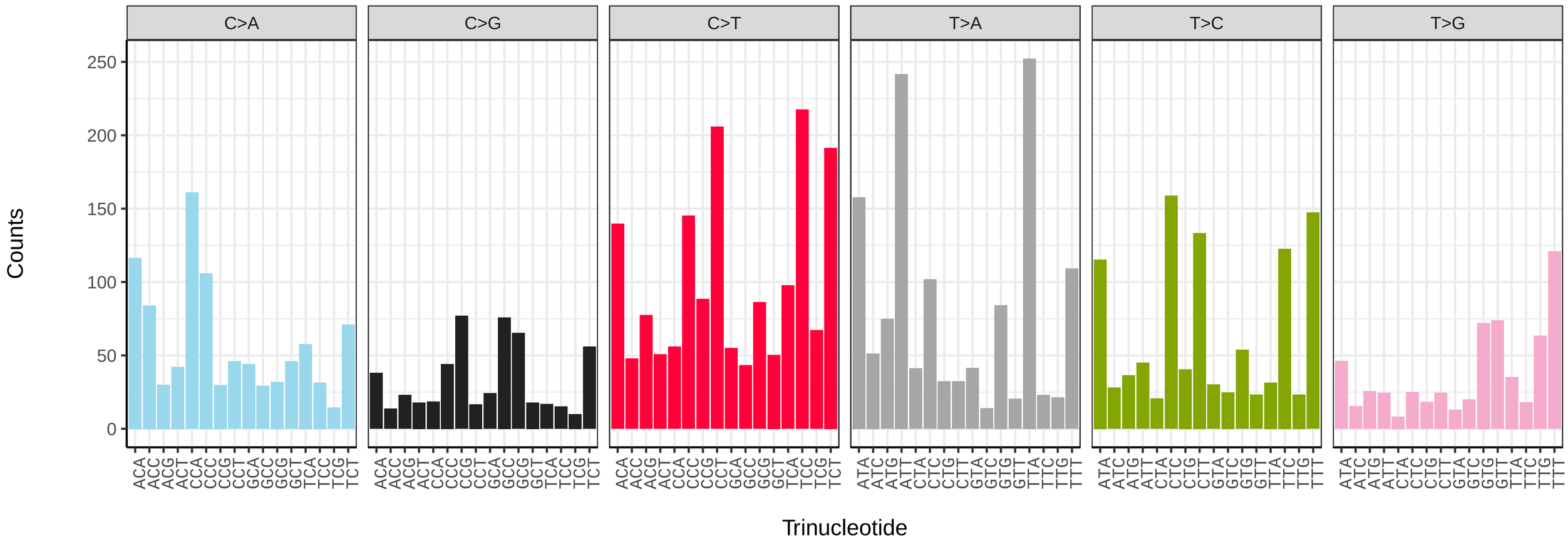
Orcinus orca (mOrcOrc1) somatic mutational spectrum (SBS52 classification)



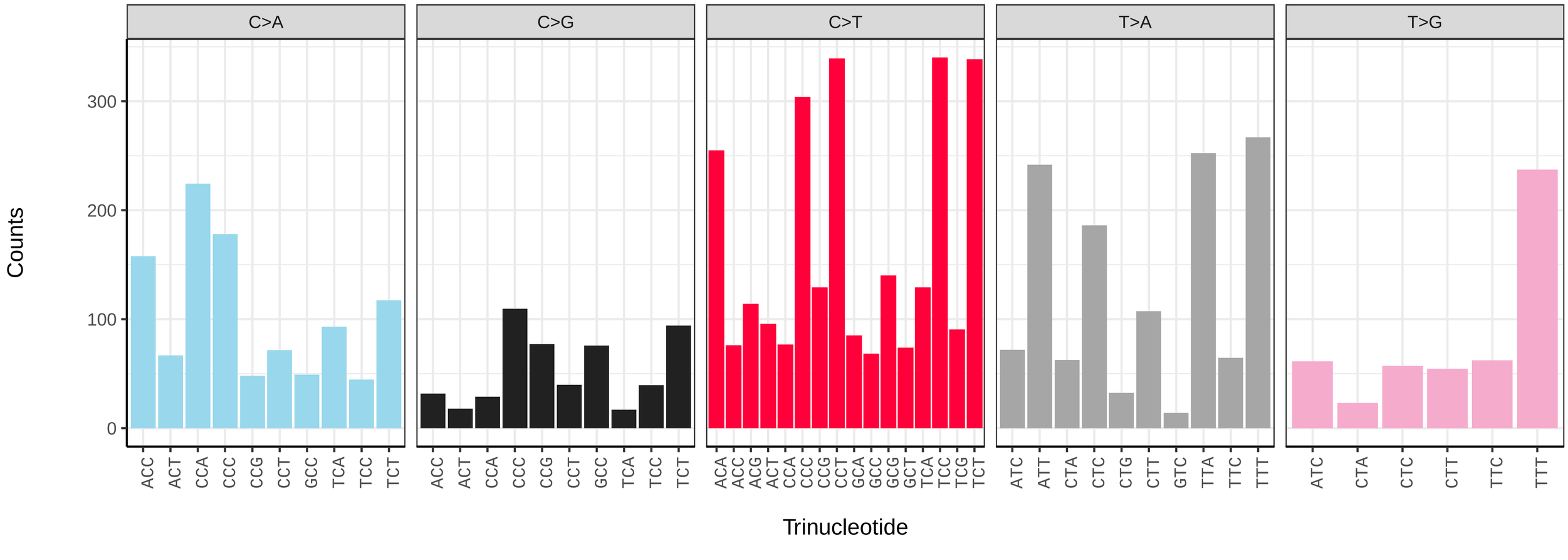
Pipistrellus pygmaeus (mPipPyg2) germline mutational spectrum



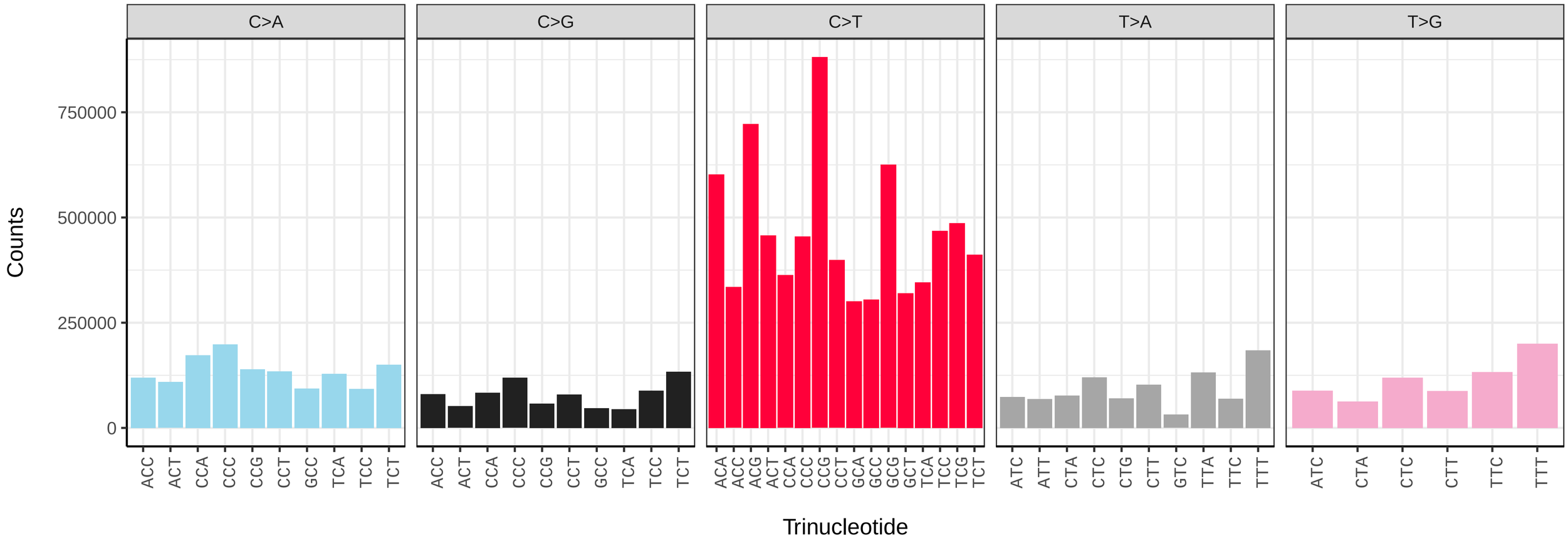
Pipistrellus pygmaeus (mPipPyg2) somatic mutational spectrum (SBS96 classification)



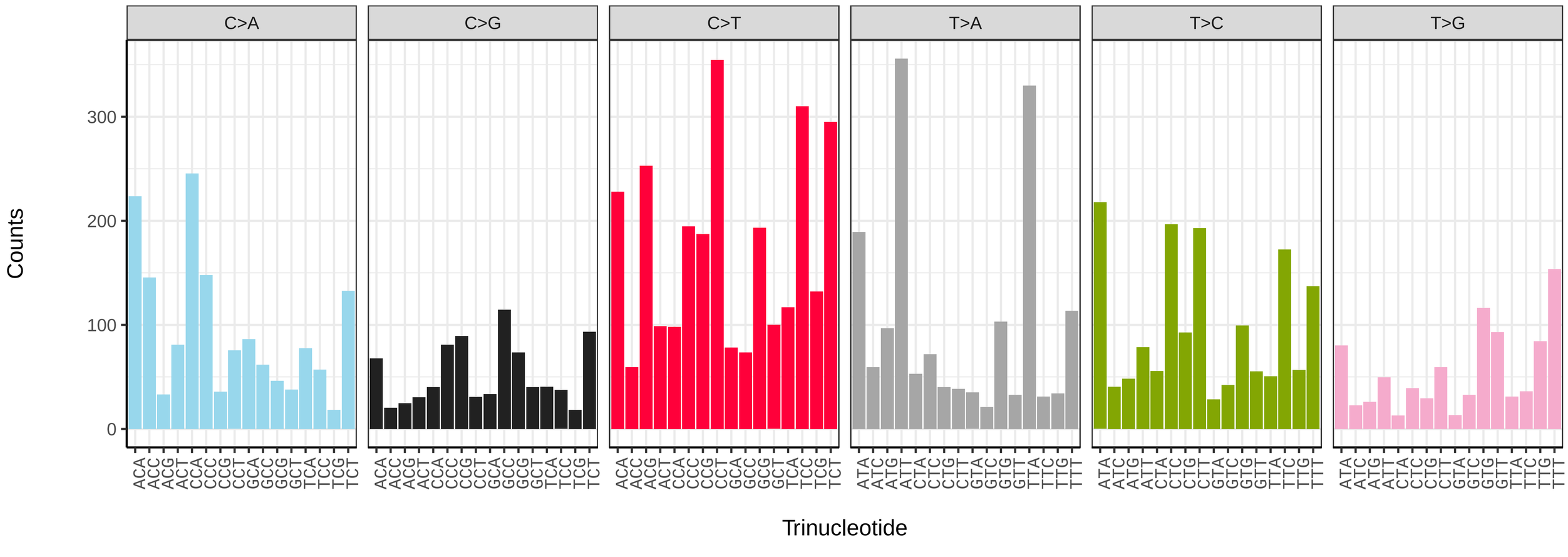
Pipistrellus pygmaeus (mPipPyg2) somatic mutational spectrum (SBS52 classification)



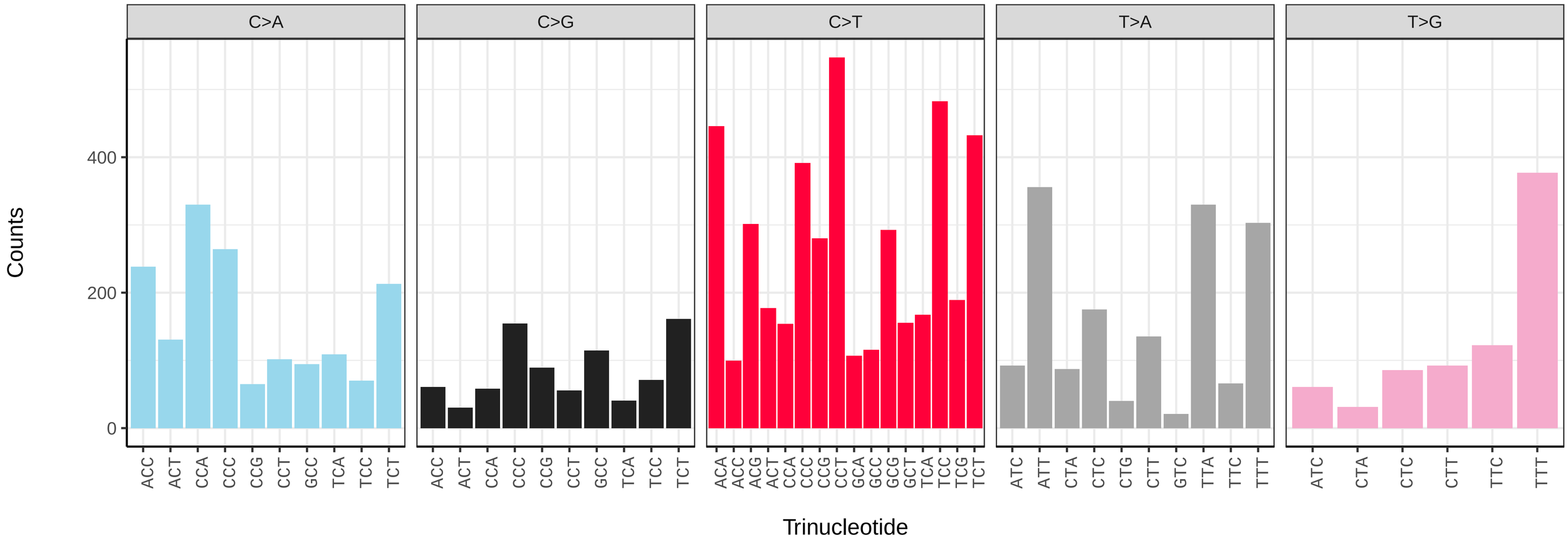
Plecotus auritus (mPleAur1) germline mutational spectrum



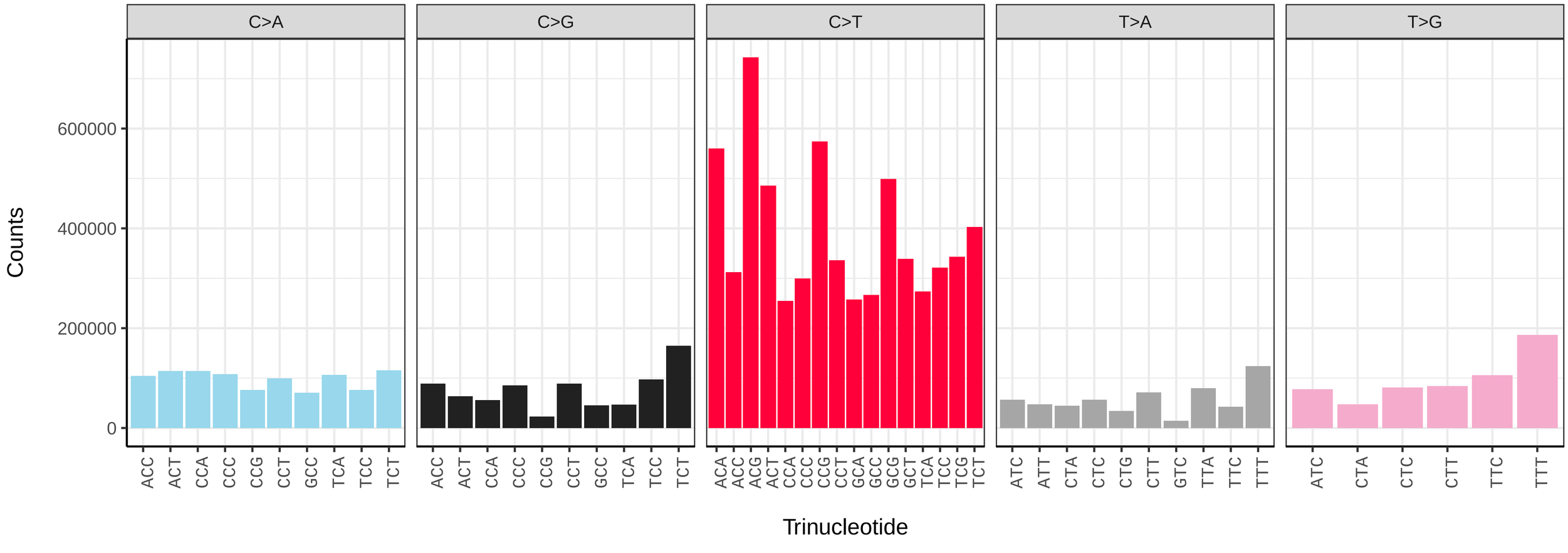
Plecotus auritus (mPleAur1) somatic mutational spectrum (SBS96 classification)



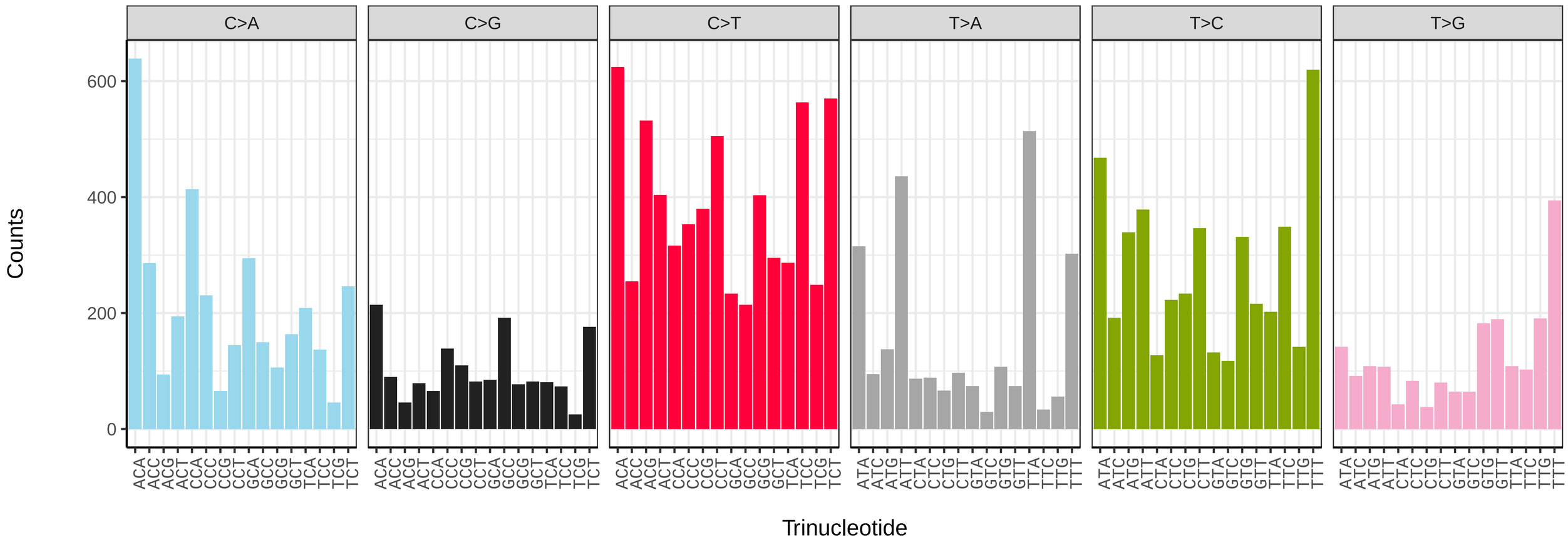
Plecotus auritus (mPleAur1) somatic mutational spectrum (SBS52 classification)



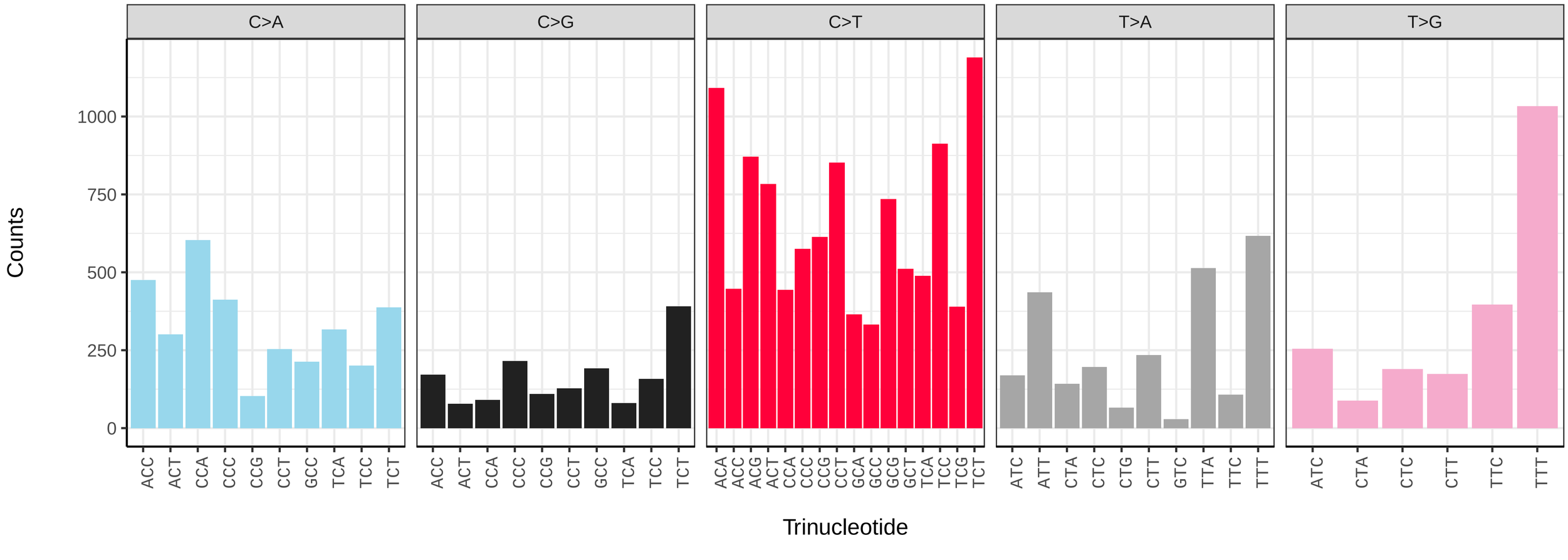
Stenella coeruleoalba (mSteCoe1) germline mutational spectrum



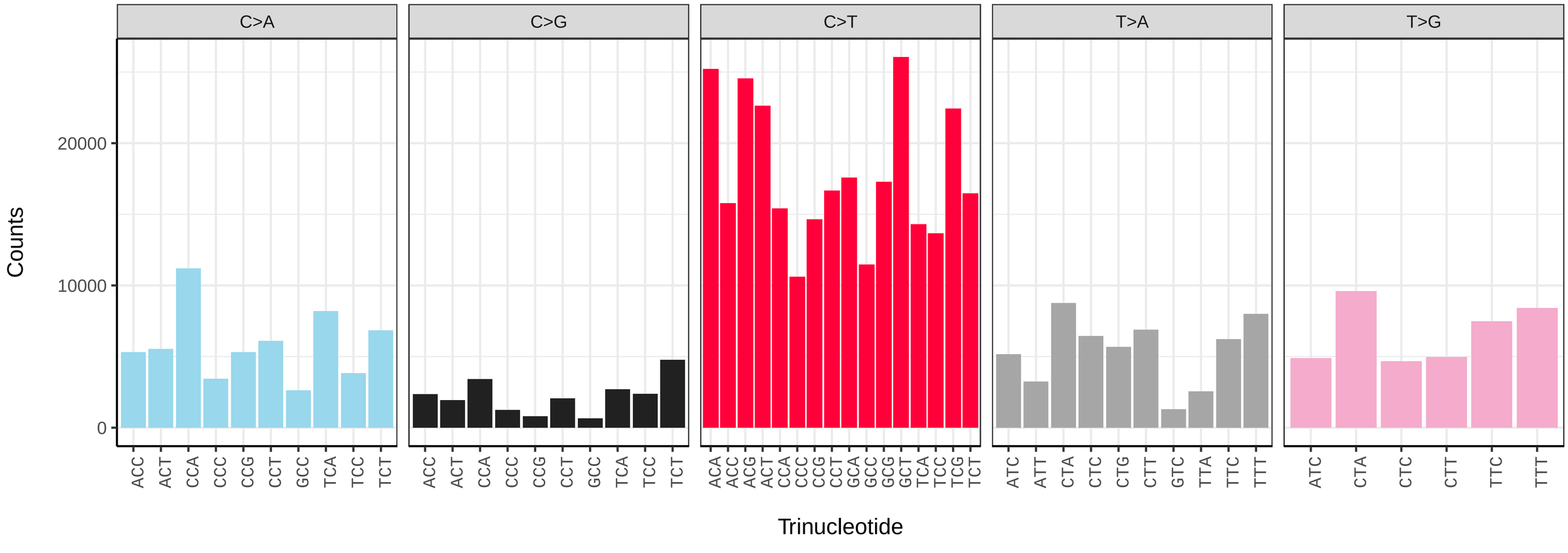
Stenella coeruleoalba (mSteCoe1) somatic mutational spectrum (SBS96 classification)



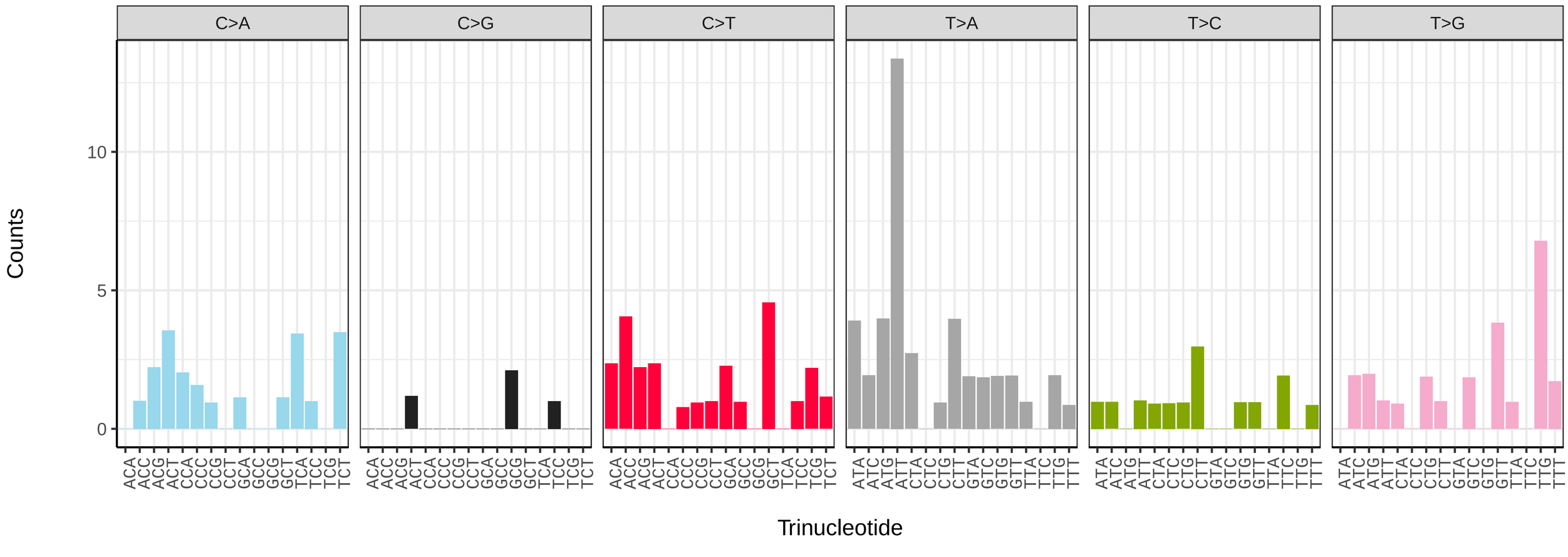
Stenella coeruleoalba (mSteCoe1) somatic mutational spectrum (SBS52 classification)



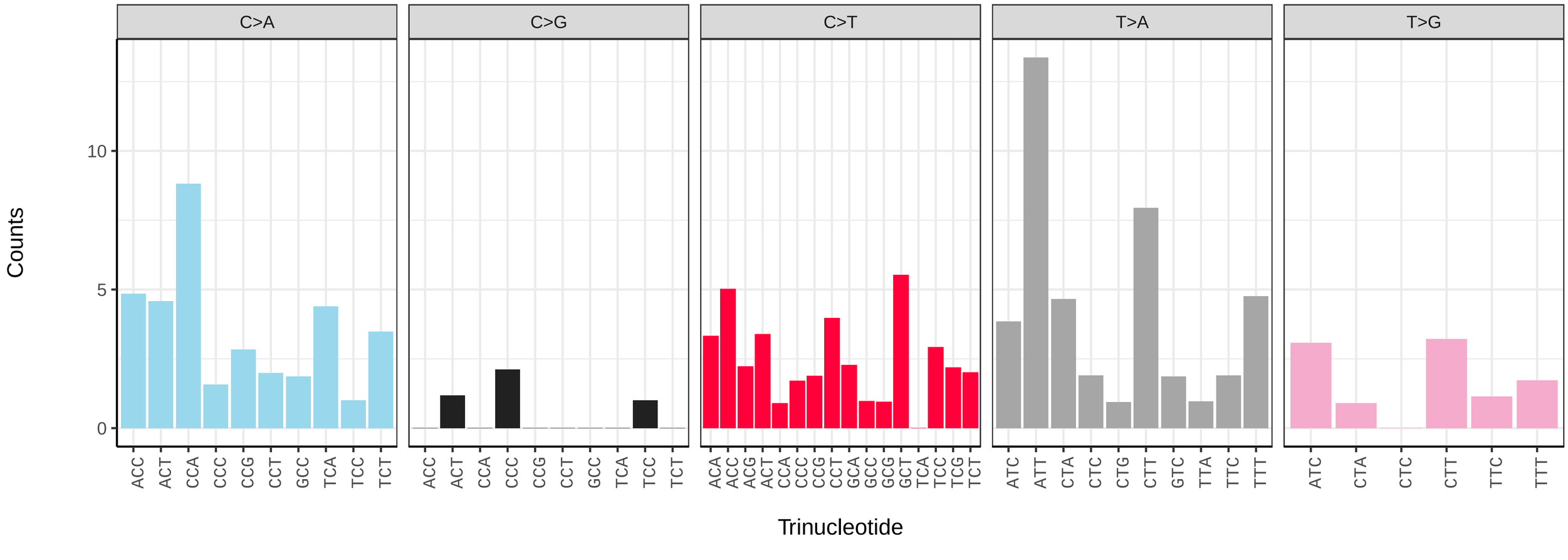
Tetramitus jugosus (paTetJugo1) germline mutational spectrum



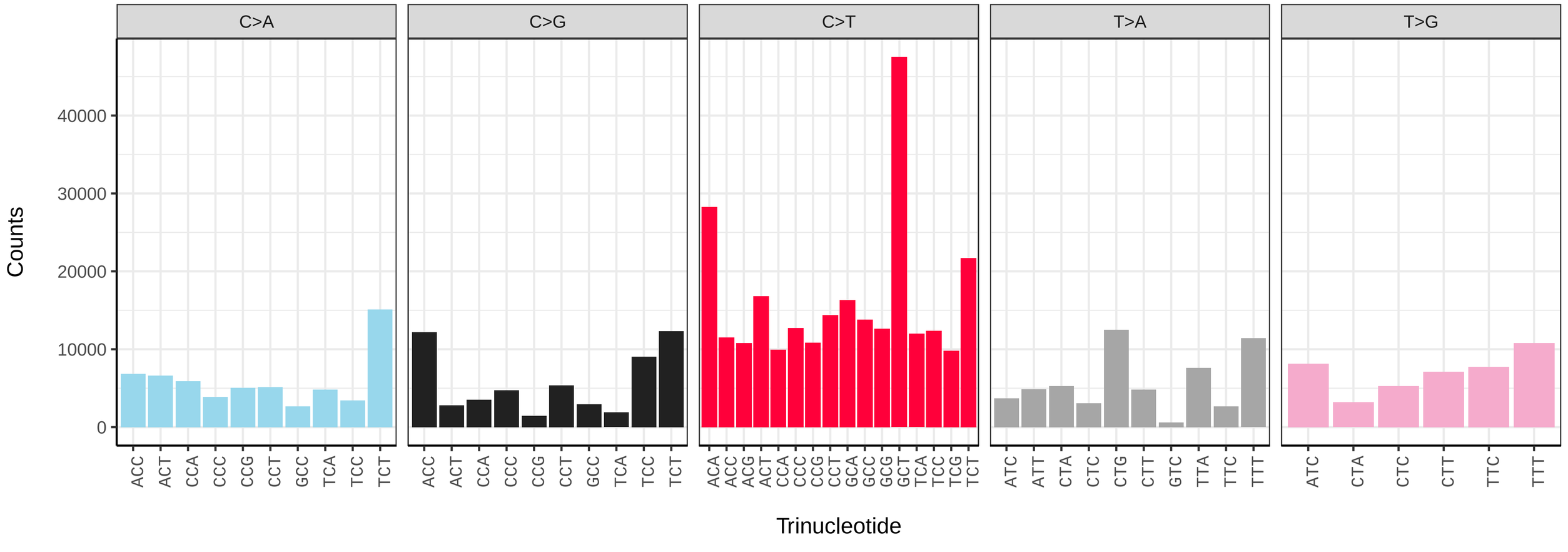
Tetramitus jugosus (paTetJugo1) somatic mutational spectrum (SBS96 classification)



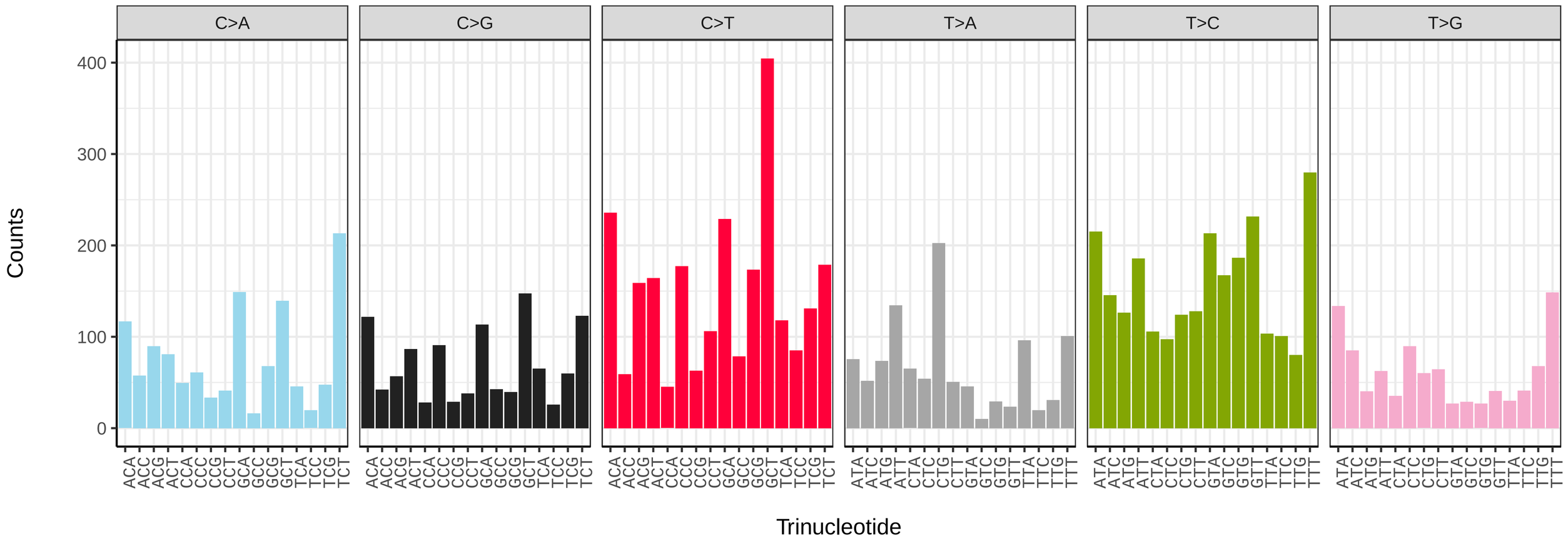
Tetramitus jugosus (paTetJugo1) somatic mutational spectrum (SBS52 classification)



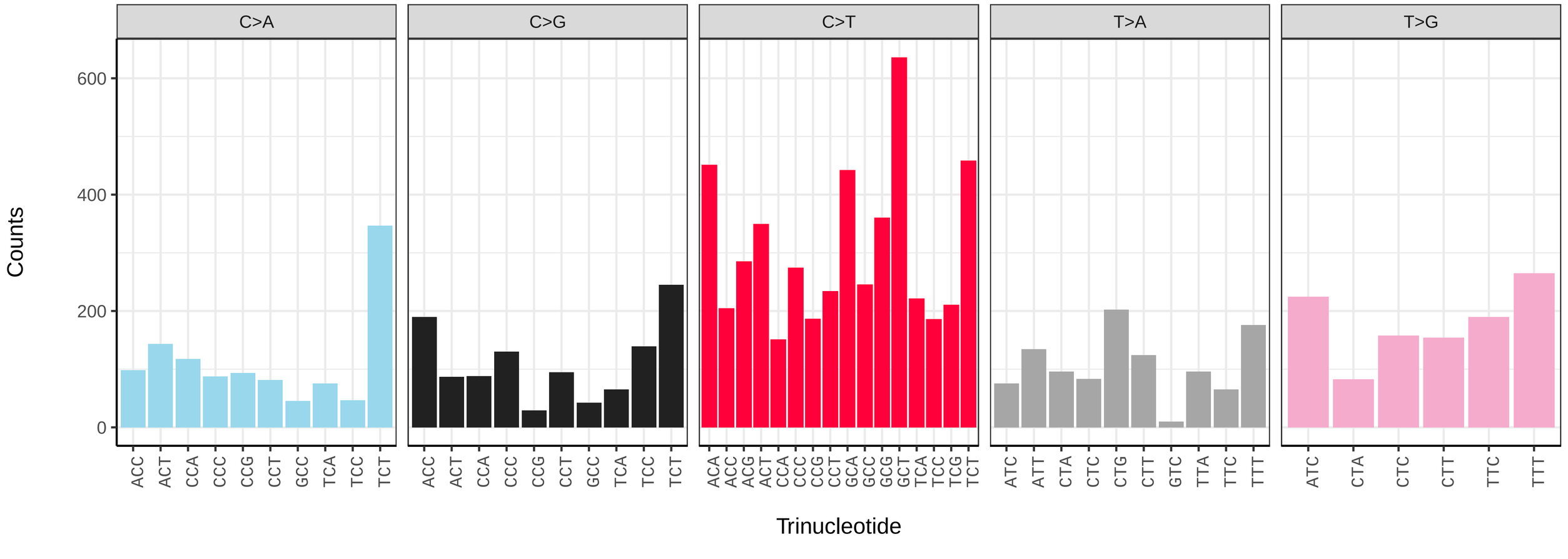
Eimeria praecox (pxEimPrae1) germline mutational spectrum



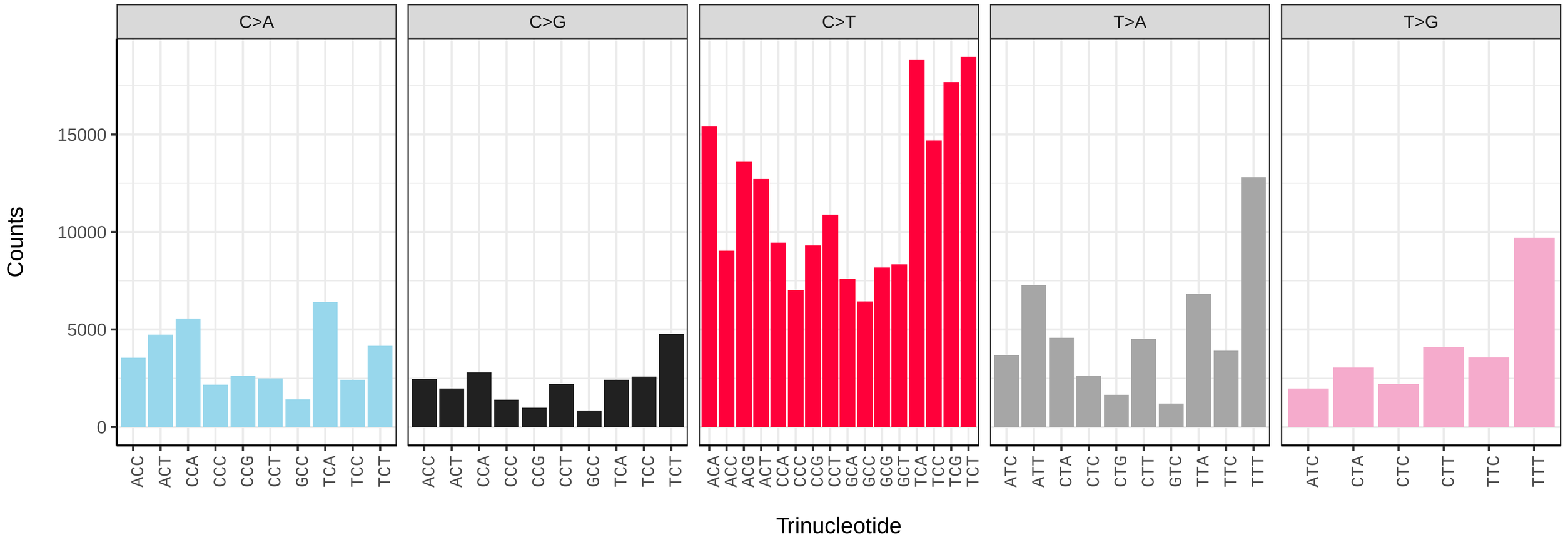
Eimeria praecox (pxEimPrae1) somatic mutational spectrum (SBS96 classification)



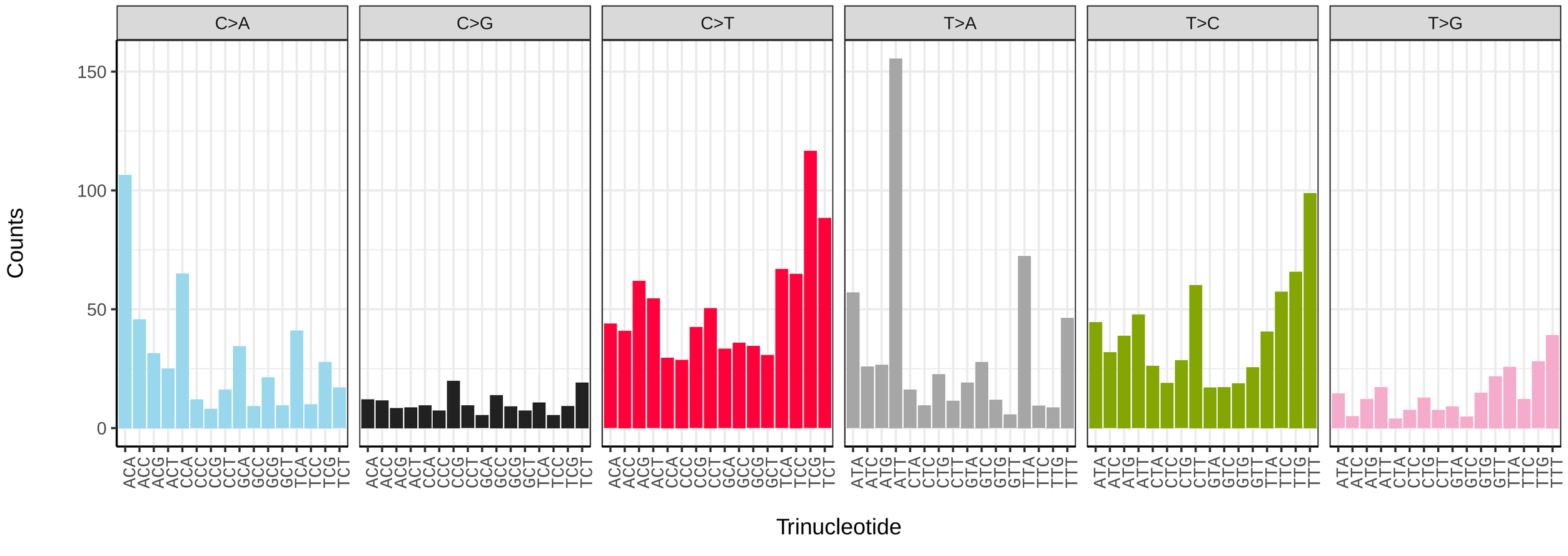
Eimeria praecox (pxEimPrae1) somatic mutational spectrum (SBS52 classification)



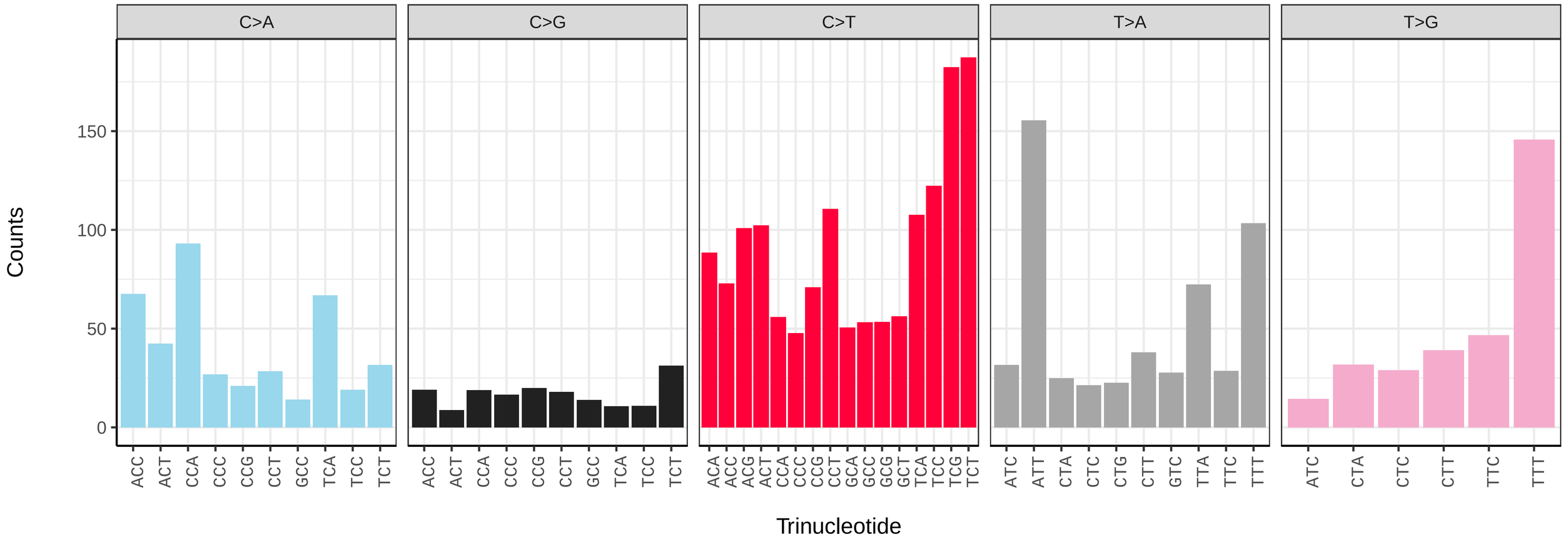
Strigamia acuminata (qcStrAcum1) germline mutational spectrum



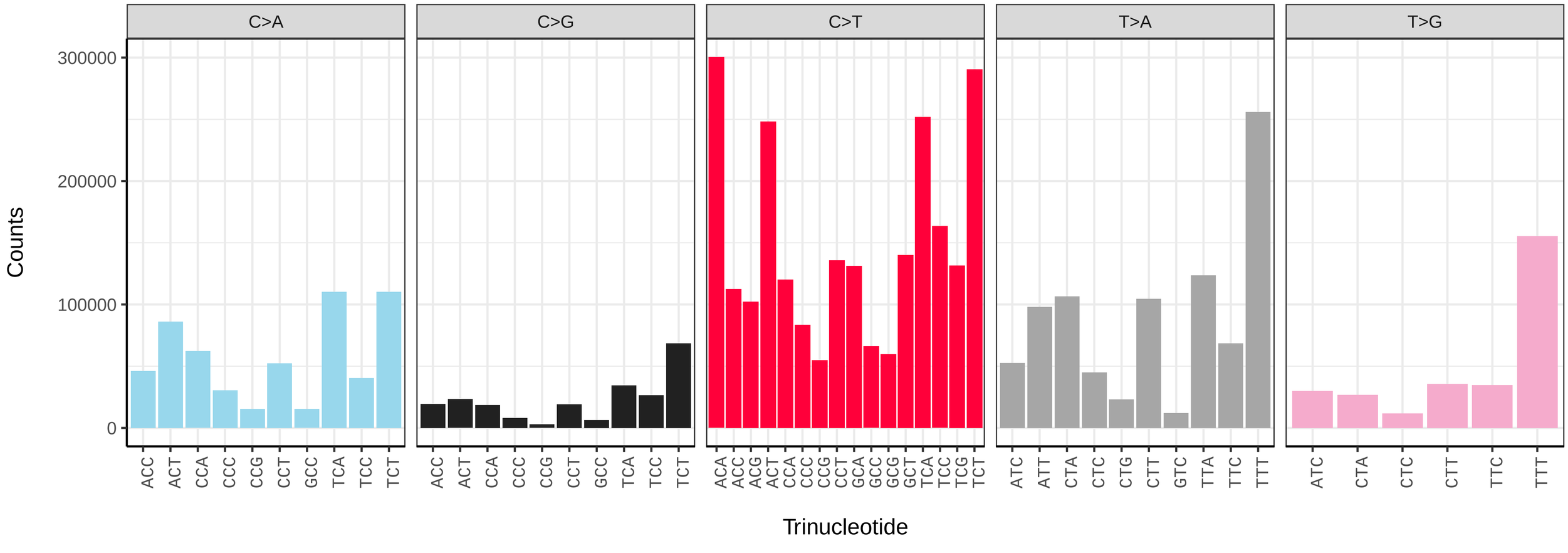
Strigamia acuminata (qcStrAcum1) somatic mutational spectrum (SBS96 classification)



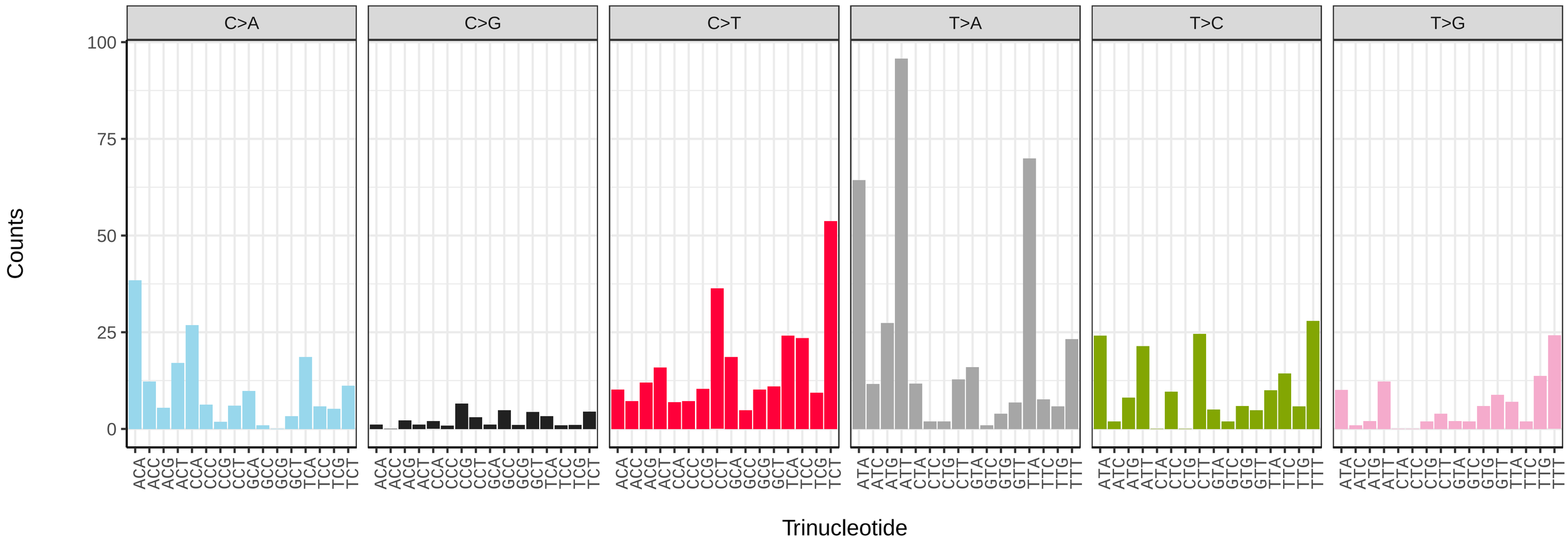
Strigamia acuminata (qcStrAcum1) somatic mutational spectrum (SBS52 classification)



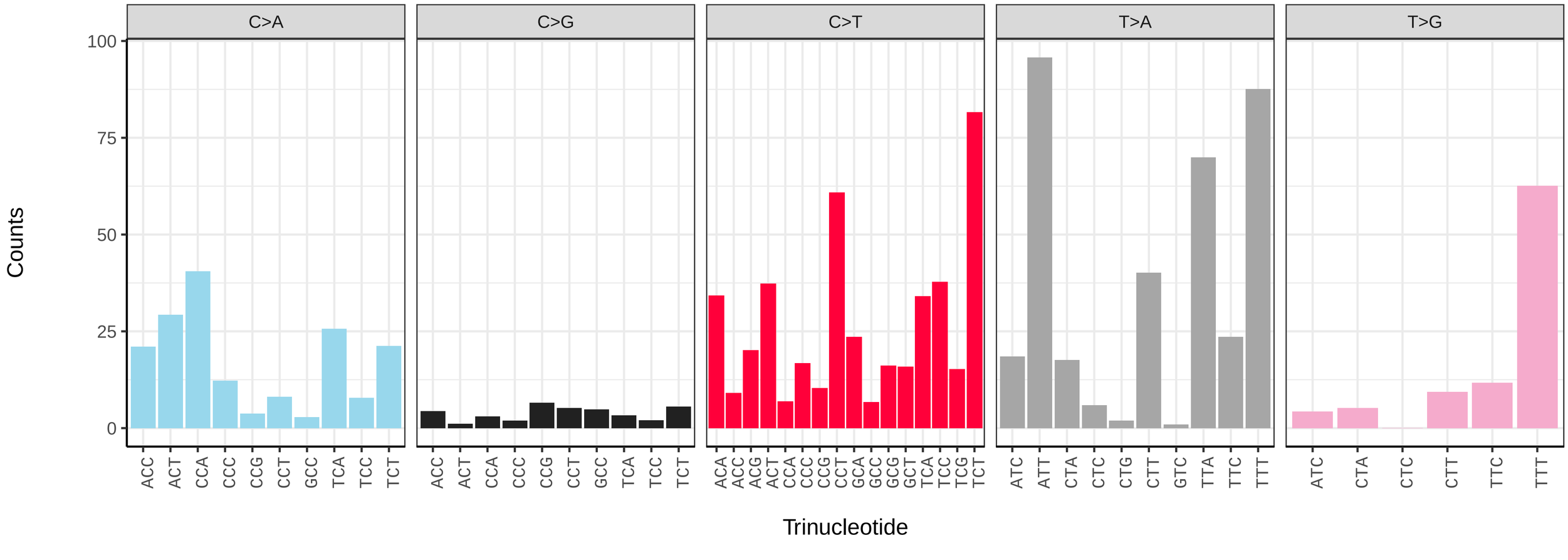
Lepeophtheirus nordmannii (qhLepNord3) germline mutational spectrum



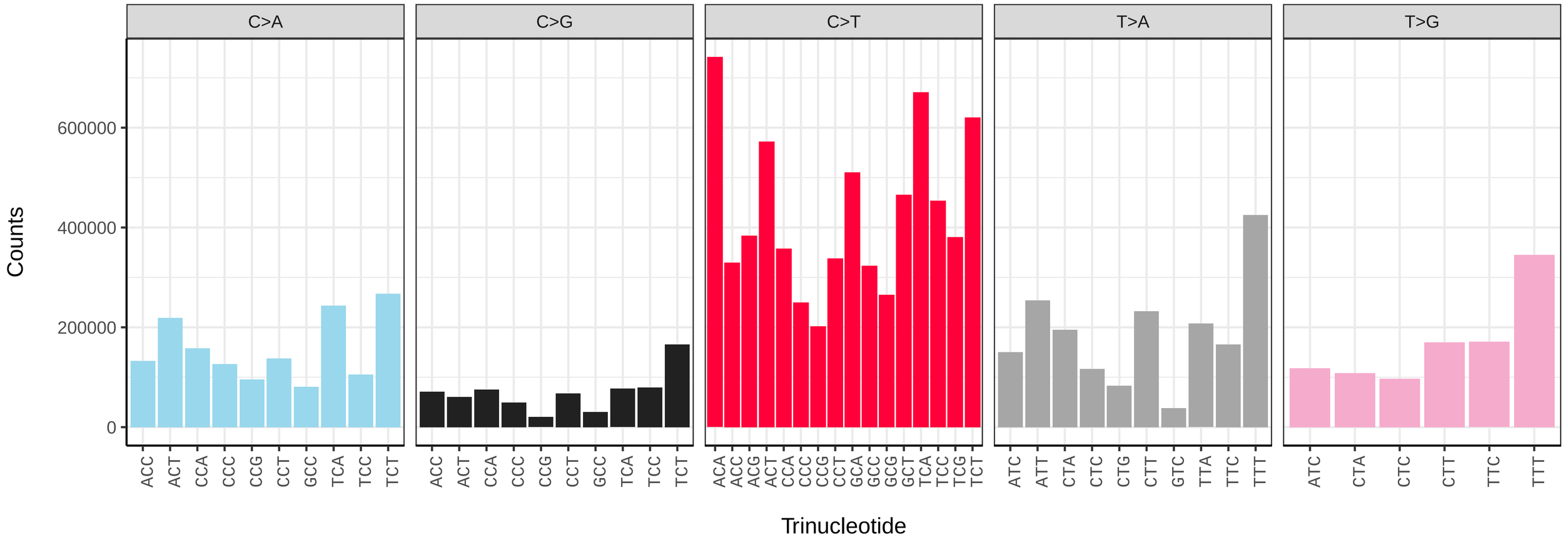
Lepeophtheirus nordmannii (qhLepNord3) somatic mutational spectrum (SBS96 classification)



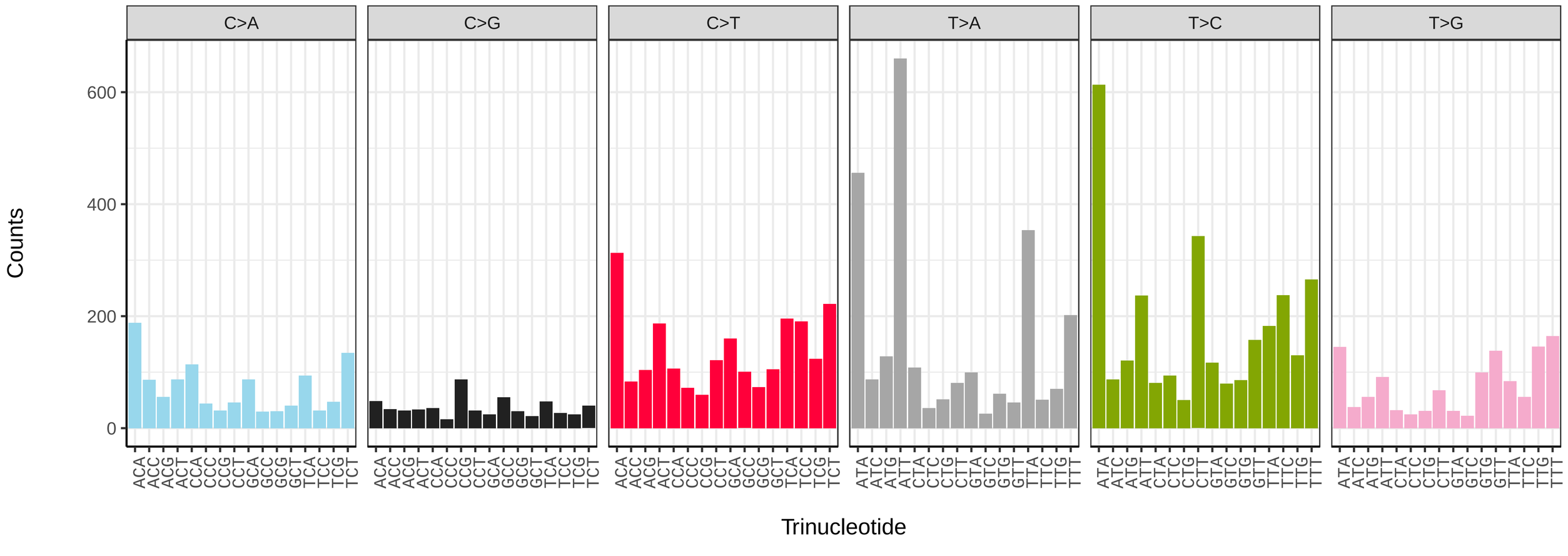
Lepeophtheirus nordmannii (qhLepNord3) somatic mutational spectrum (SBS52 classification)



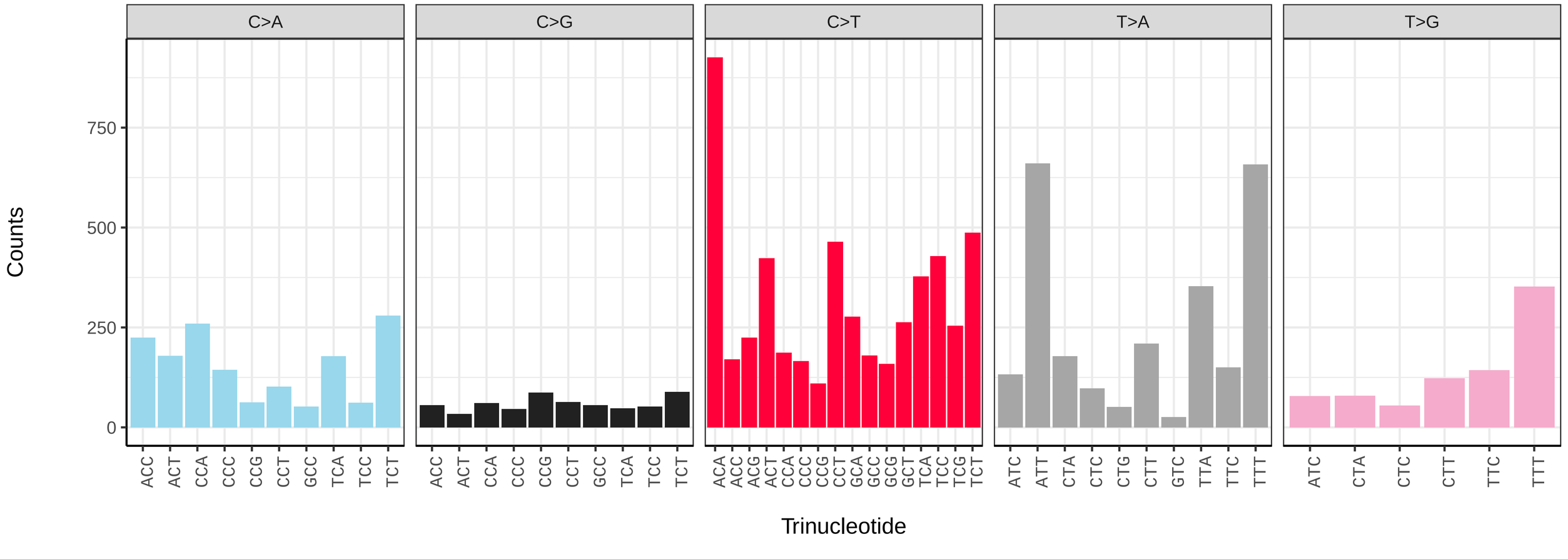
Amaurobius ferox (qqAmaFero1) germline mutational spectrum



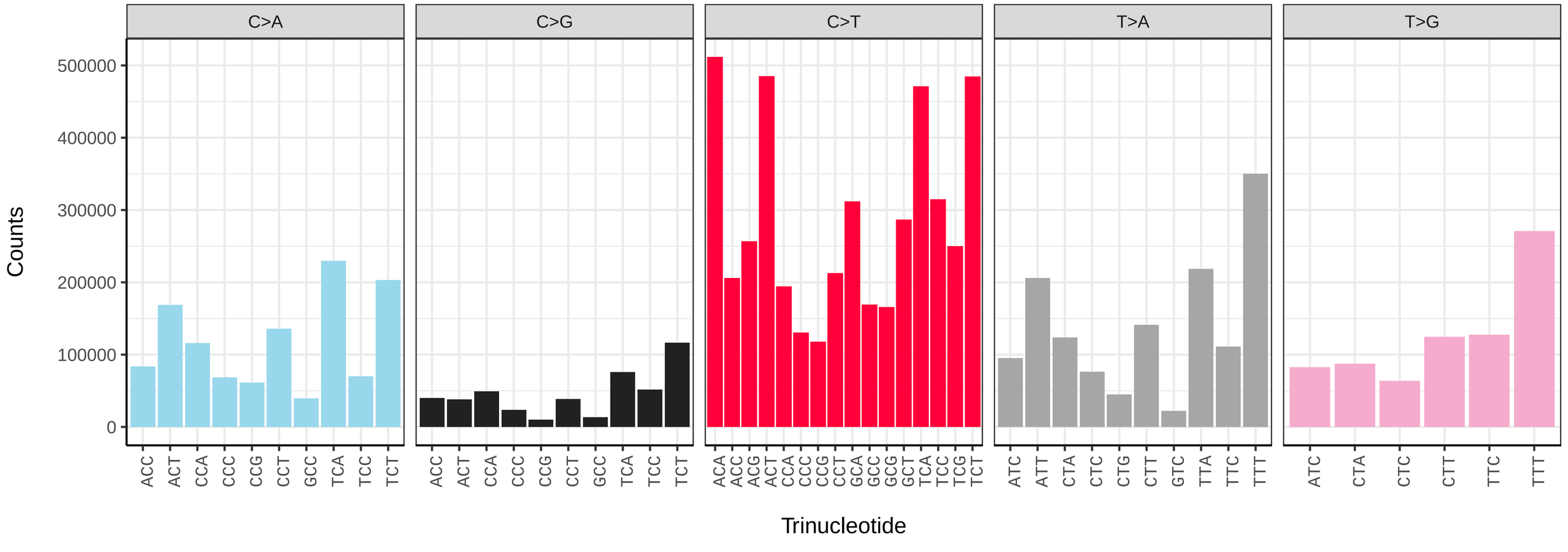
Amaurobius ferox (qqAmaFero1) somatic mutational spectrum (SBS96 classification)



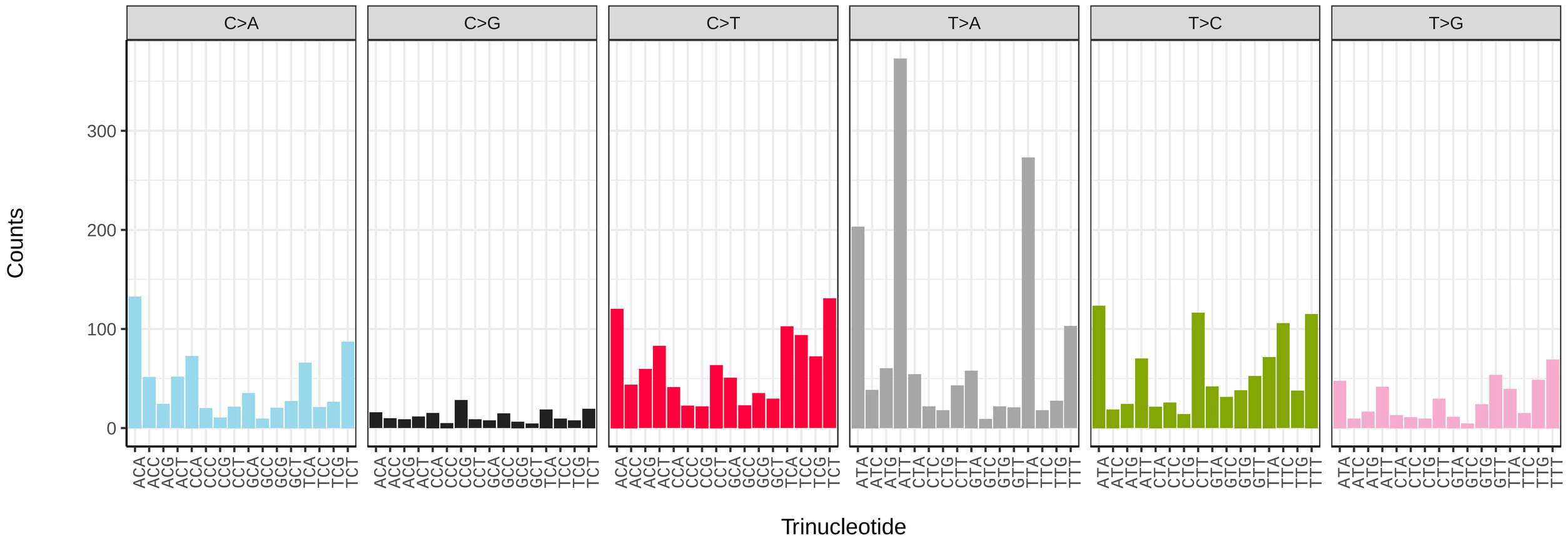
Amaurobius ferox (qqAmaFero1) somatic mutational spectrum (SBS52 classification)



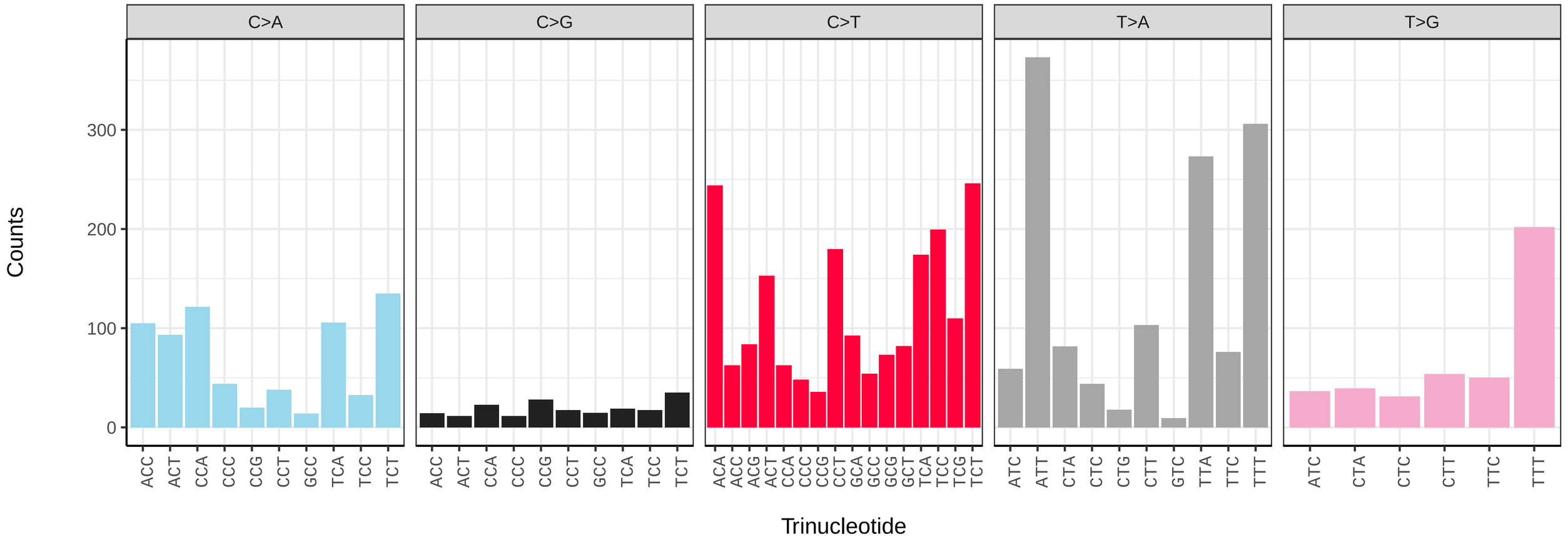
Argiope bruennichi (qqArgBrue1) germline mutational spectrum



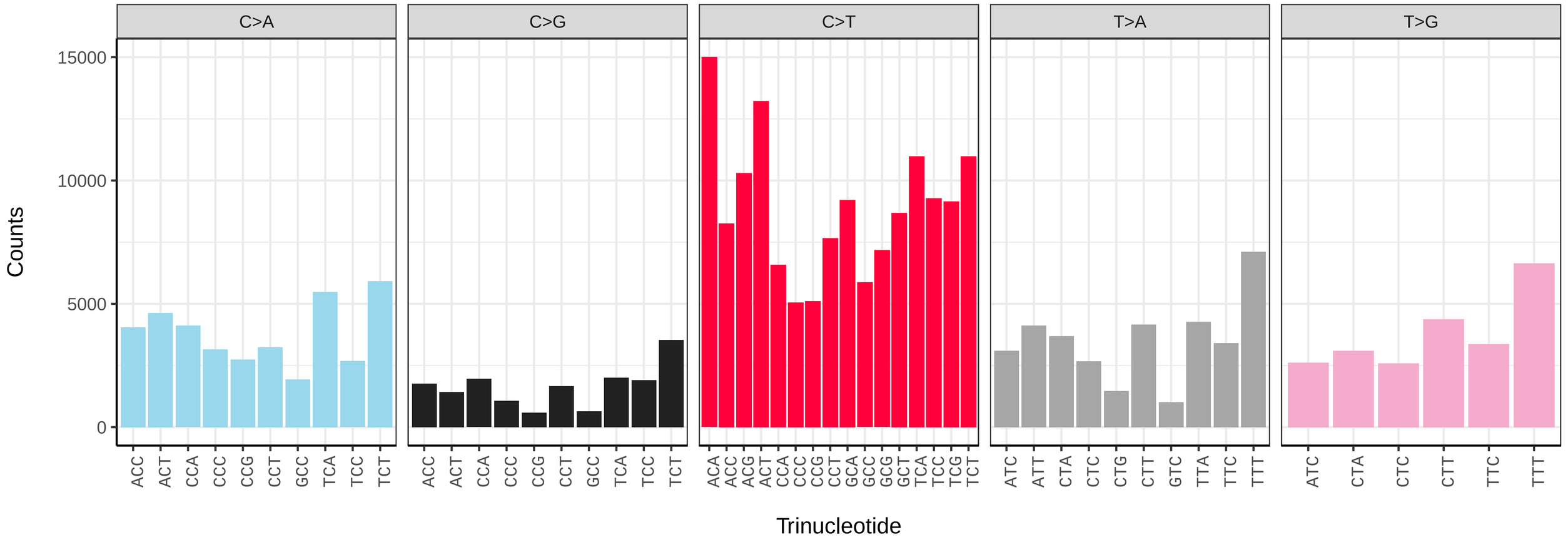
Argiope bruennichi (qqArgBrue1) somatic mutational spectrum (SBS96 classification)



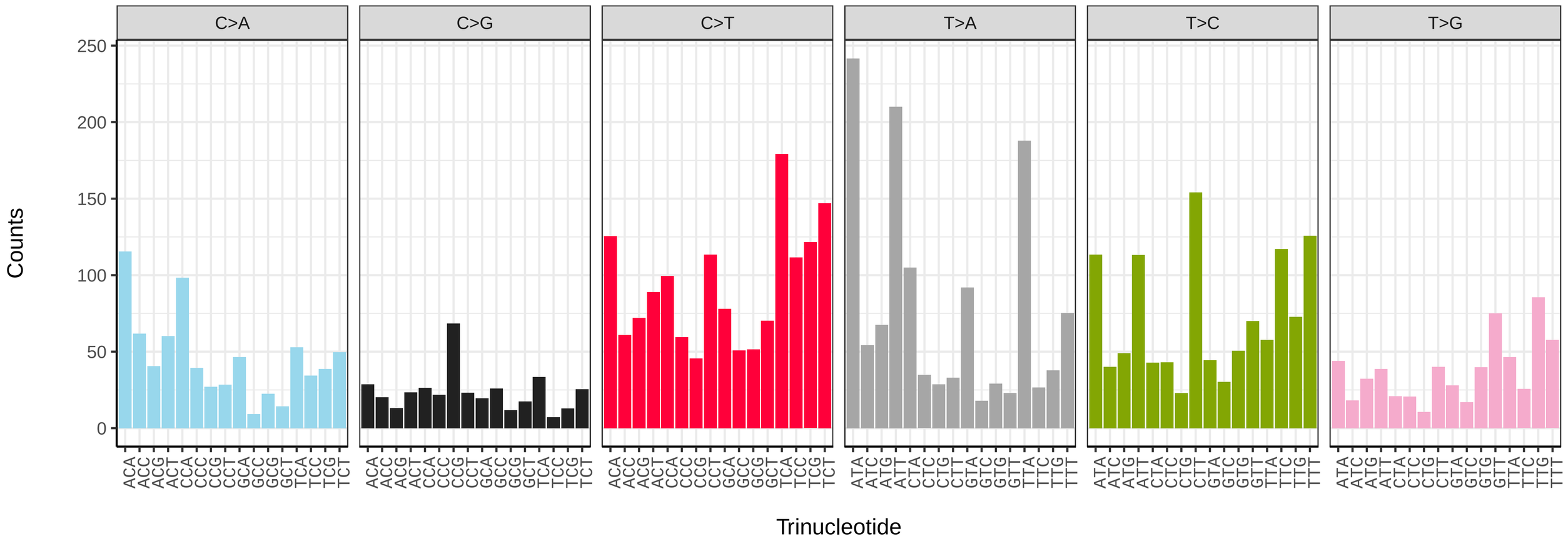
Argiope bruennichi (qqArgBrue1) somatic mutational spectrum (SBS52 classification)



Meta bourneti (qqMetBour1) germline mutational spectrum



Meta bourneti (qqMetBour1) somatic mutational spectrum (SBS96 classification)



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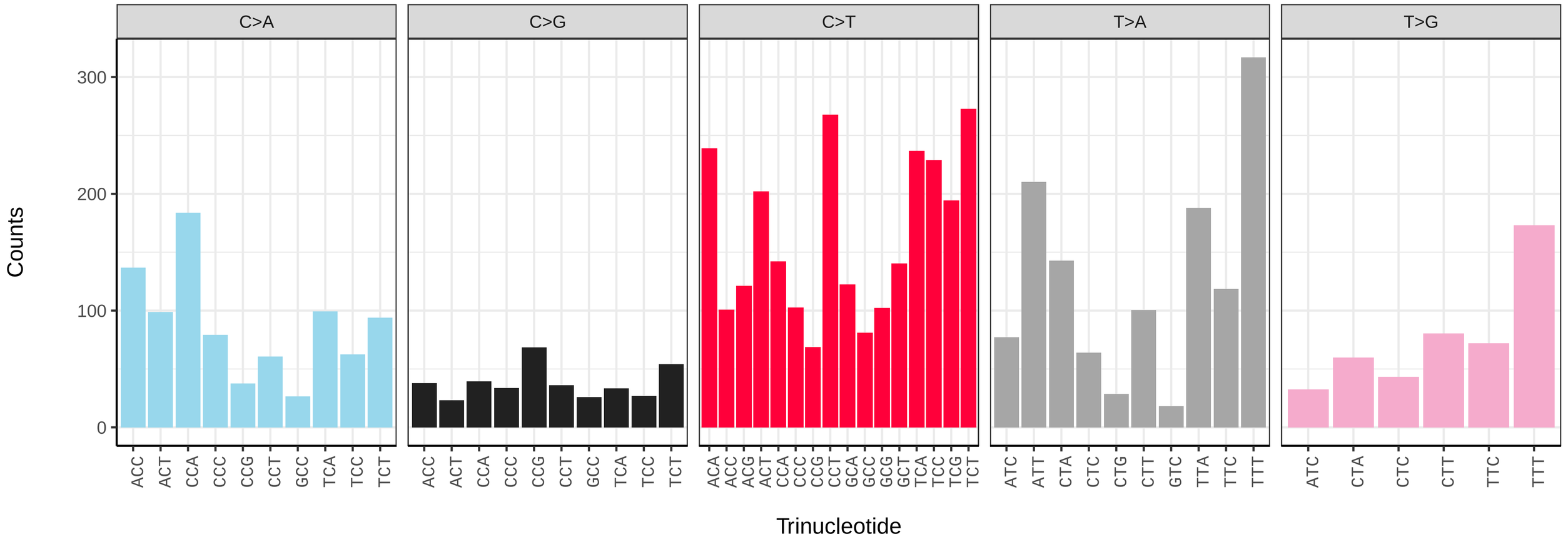
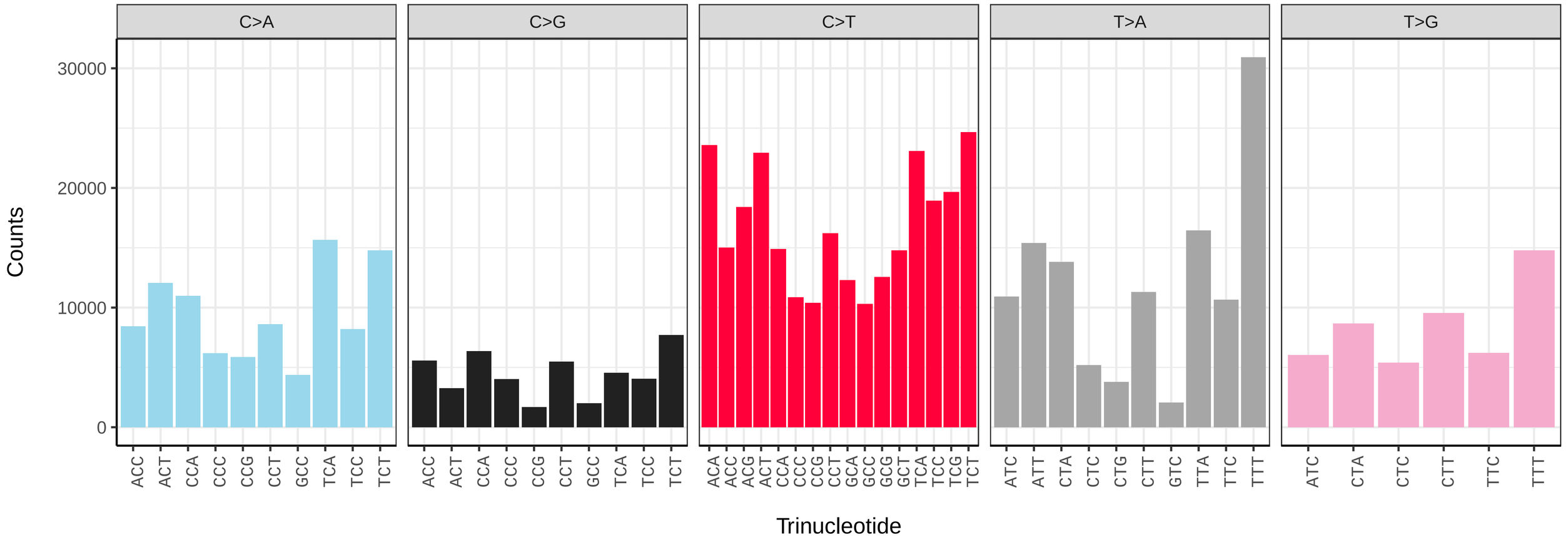
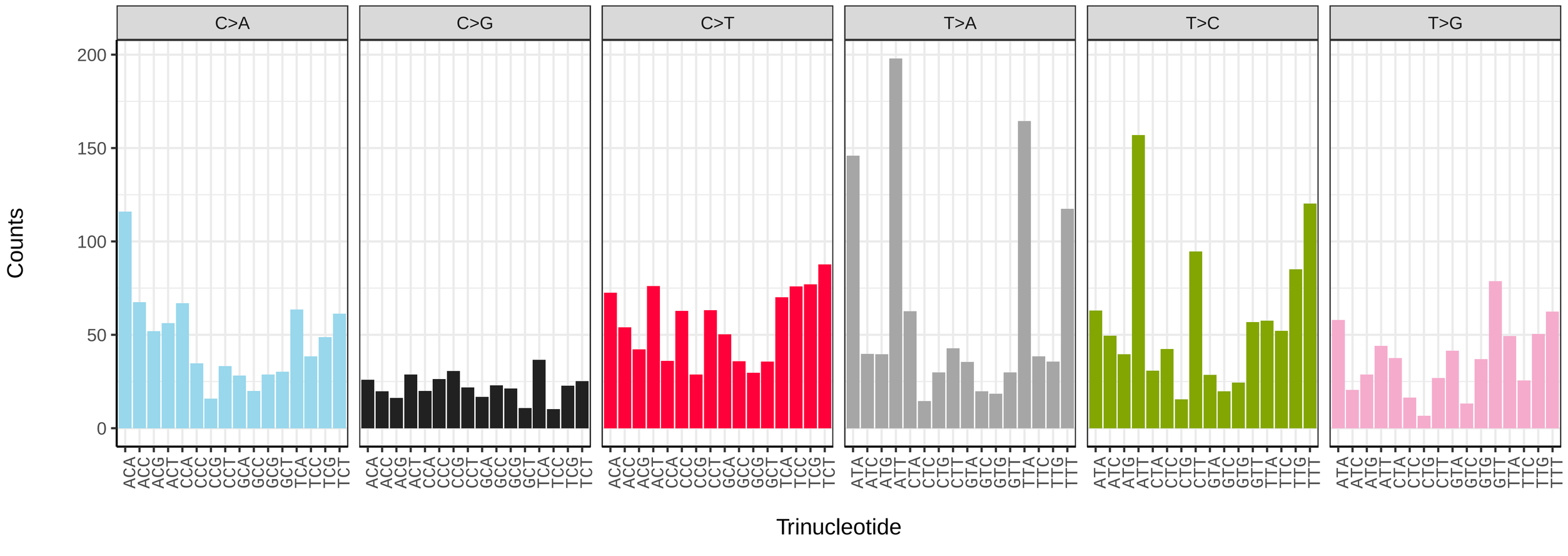


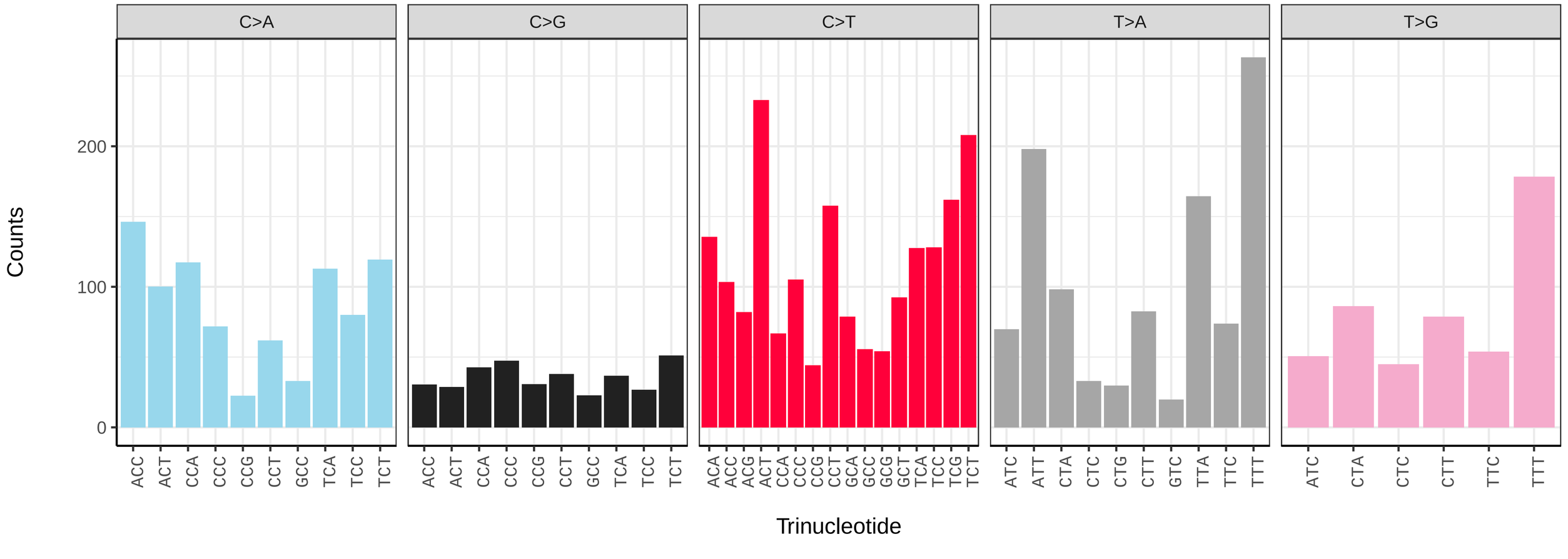
Odiellus spinosus (qqOdiSpin1) germline mutational spectrum



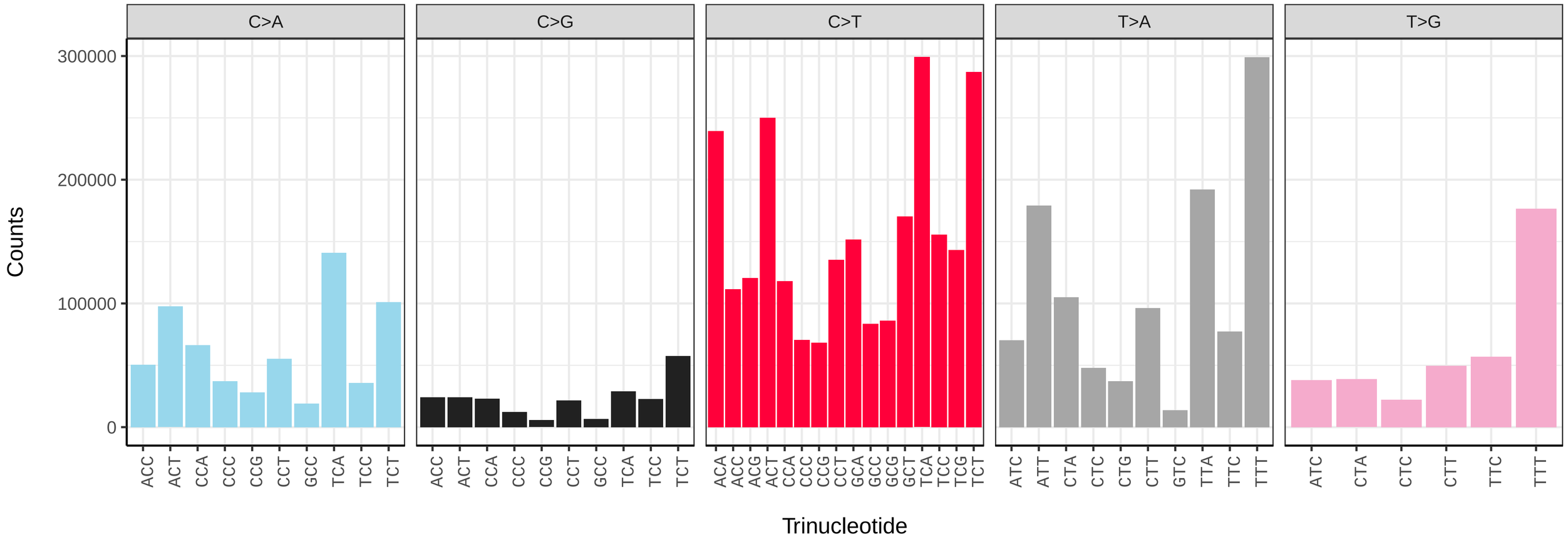
Odiellus spinosus (qqOdiSpin1) somatic mutational spectrum (SBS96 classification)



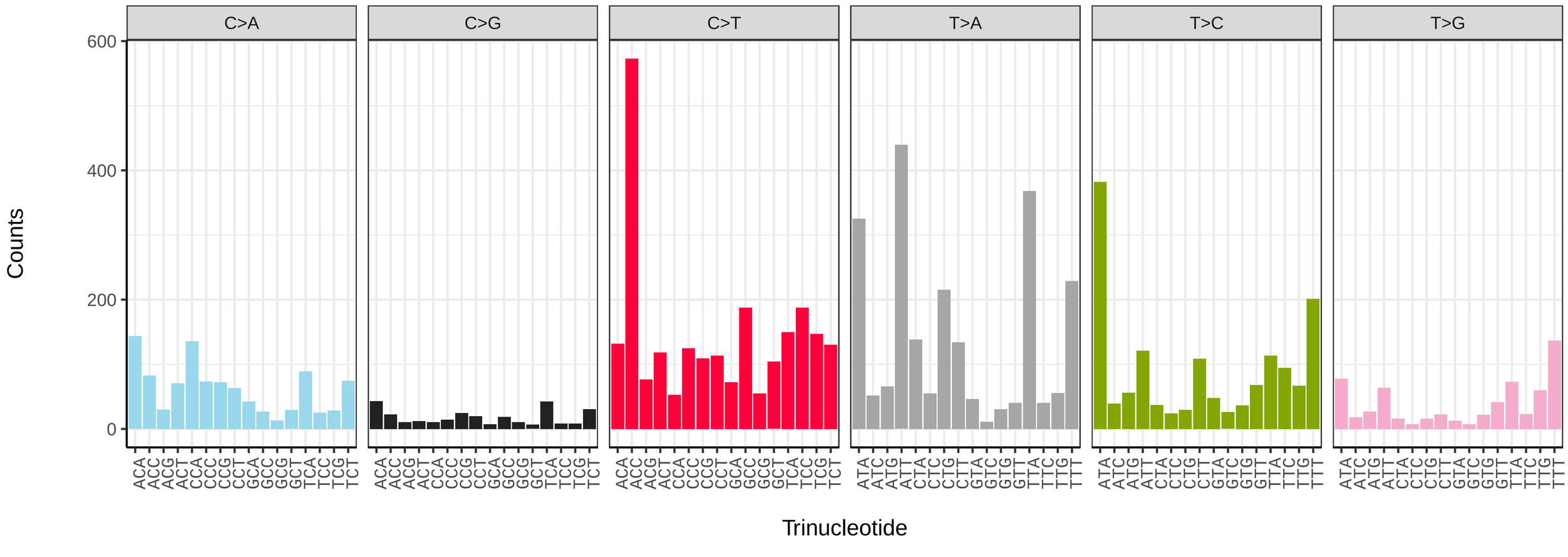
Odiellus spinosus (qqOdiSpin1) somatic mutational spectrum (SBS52 classification)



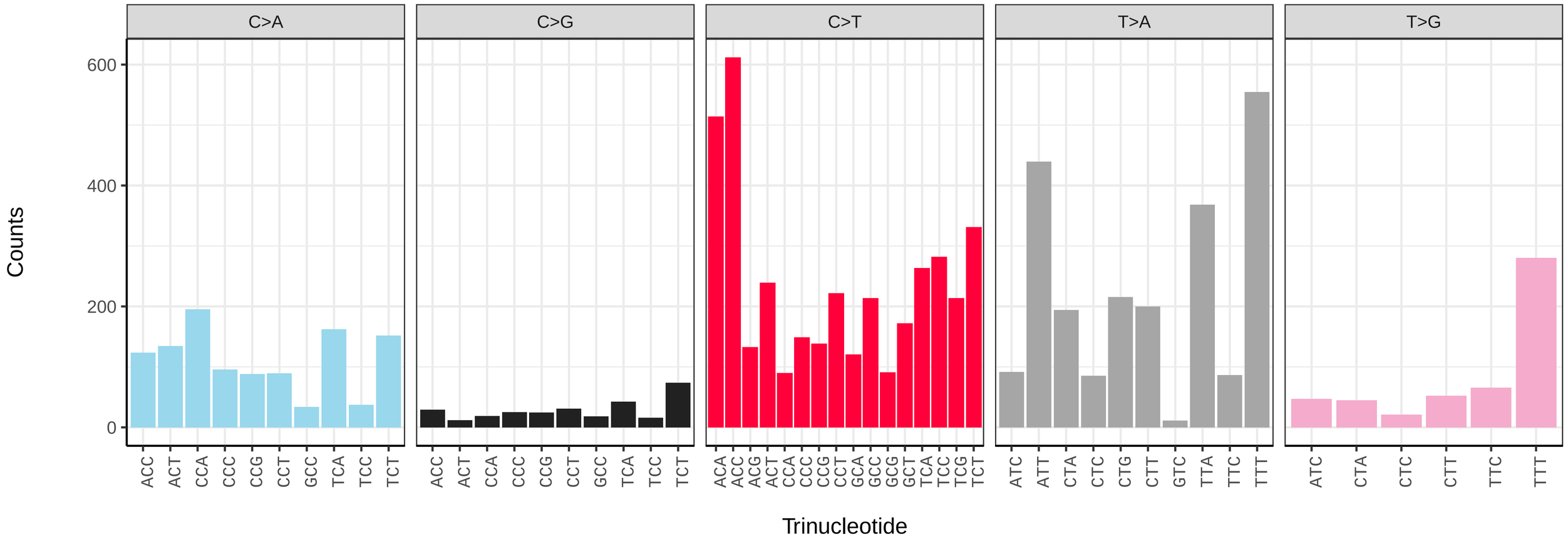
Parasteatoda lunata (qqParLuna2) germline mutational spectrum



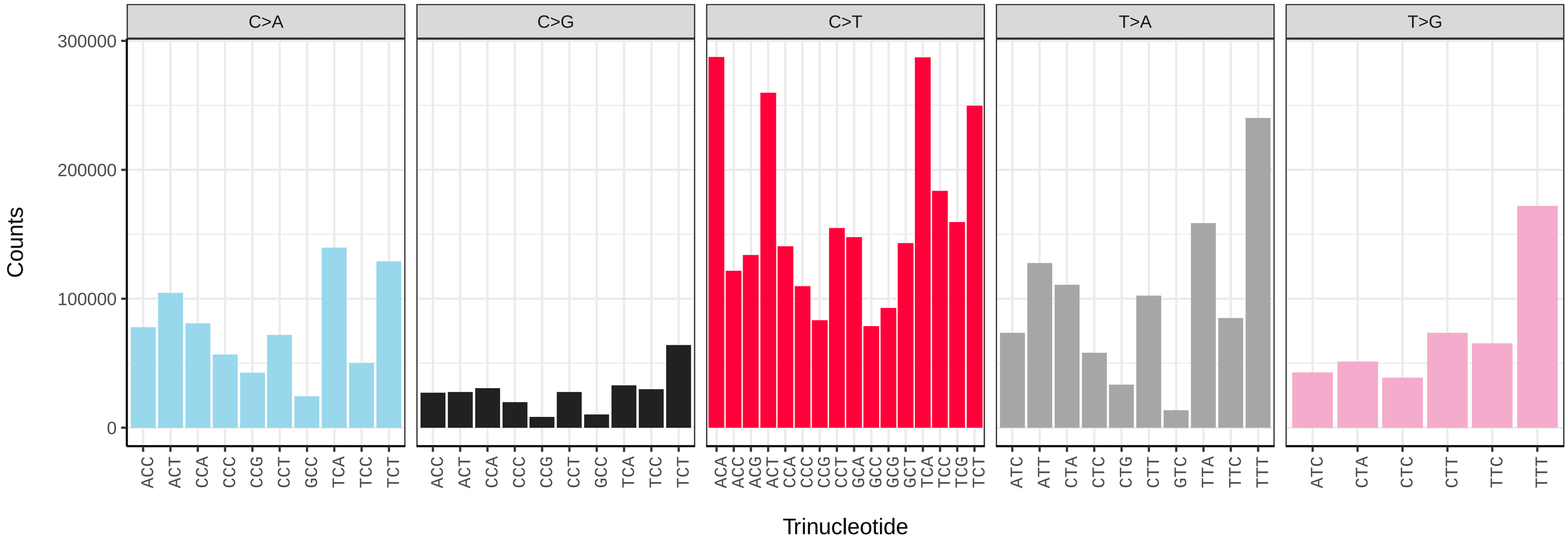
Parasteatoda lunata (qqParLuna2) somatic mutational spectrum (SBS96 classification)



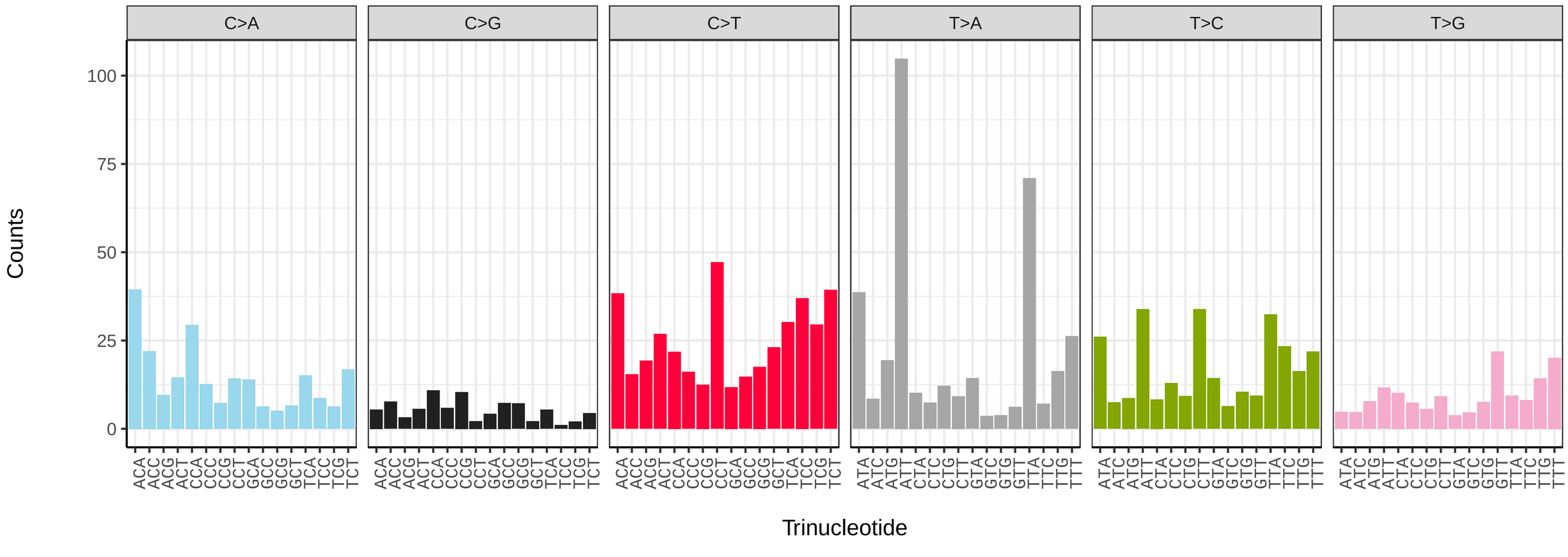
Parasteatoda lunata (qqParLuna2) somatic mutational spectrum (SBS52 classification)



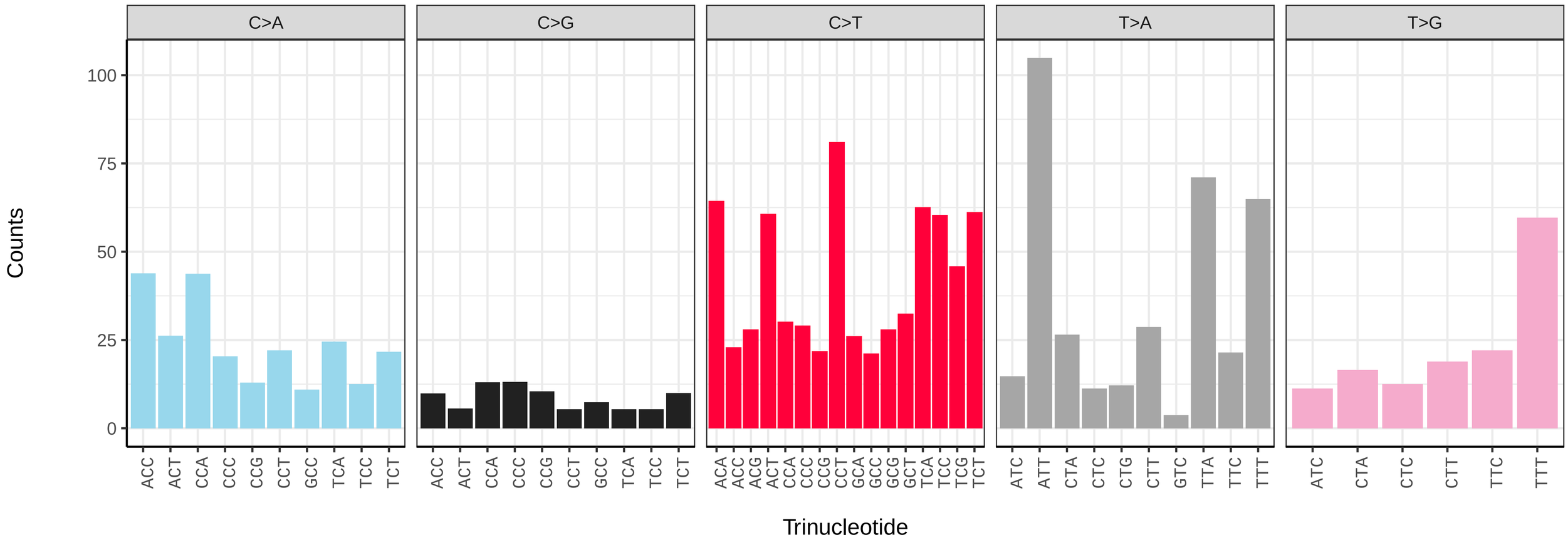
Tetragnatha montana (qqTetMont2) germline mutational spectrum



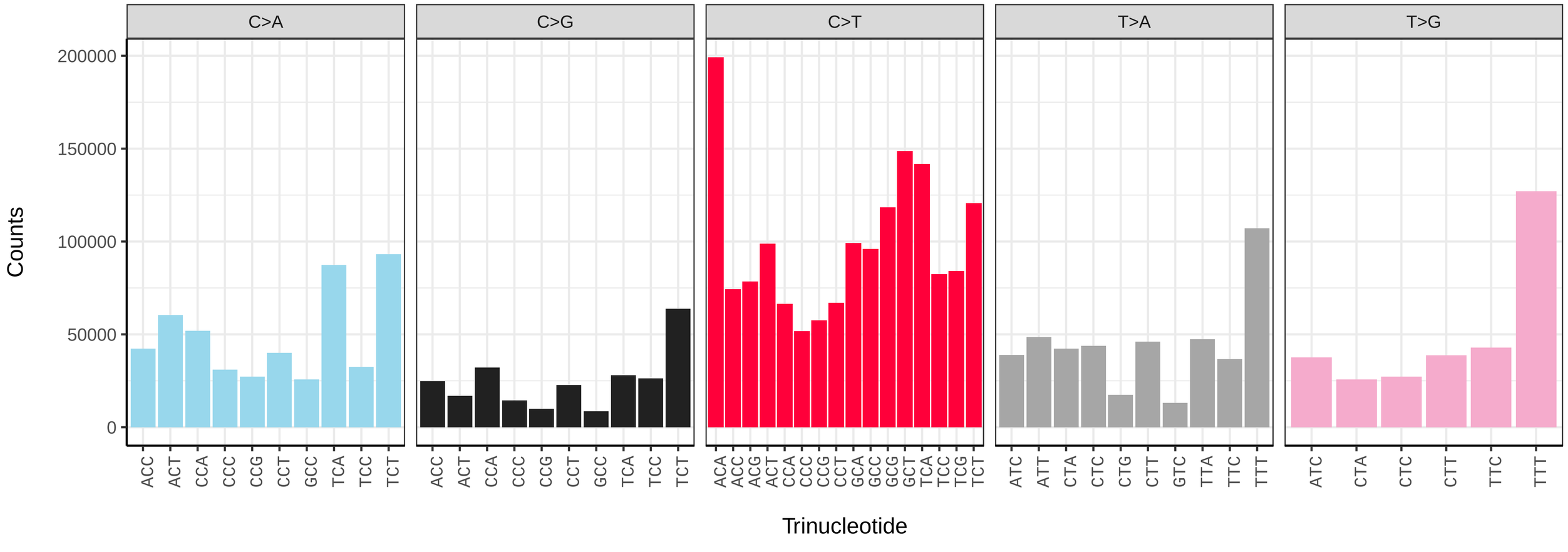
Tetragnatha montana (qqTetMont2) somatic mutational spectrum (SBS96 classification)



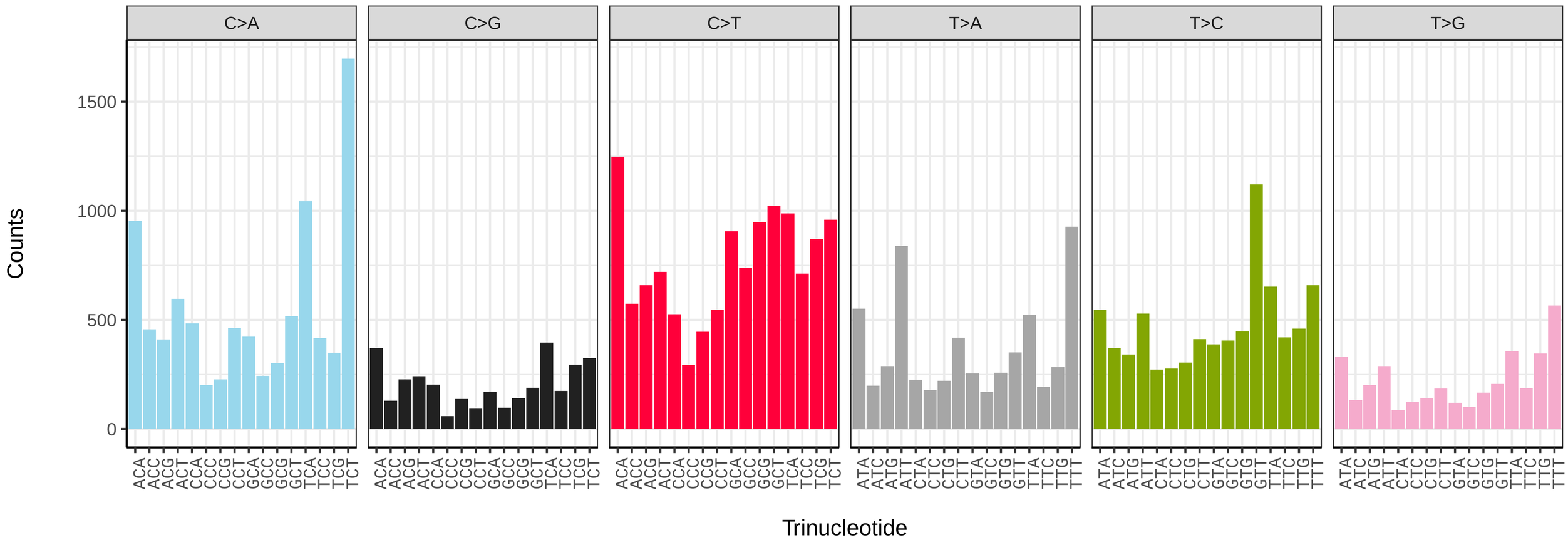
Tetragnatha montana (qqTetMont2) somatic mutational spectrum (SBS52 classification)



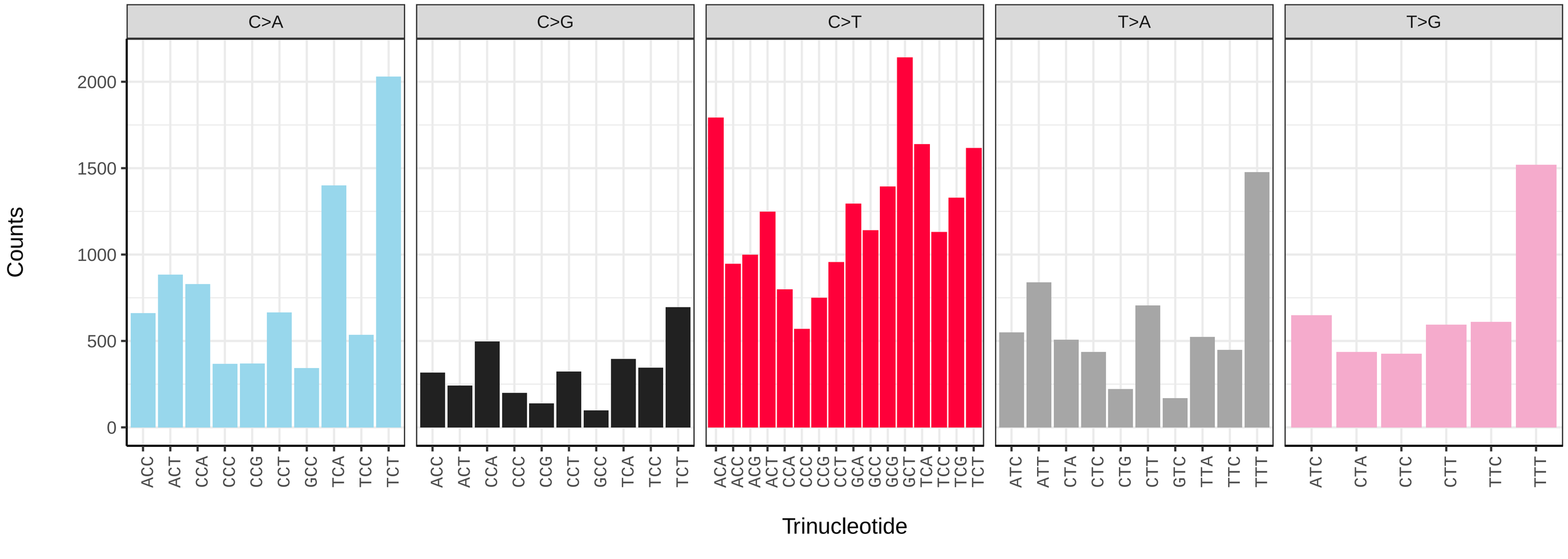
Sacculina carcini (qxSacCarc1) germline mutational spectrum



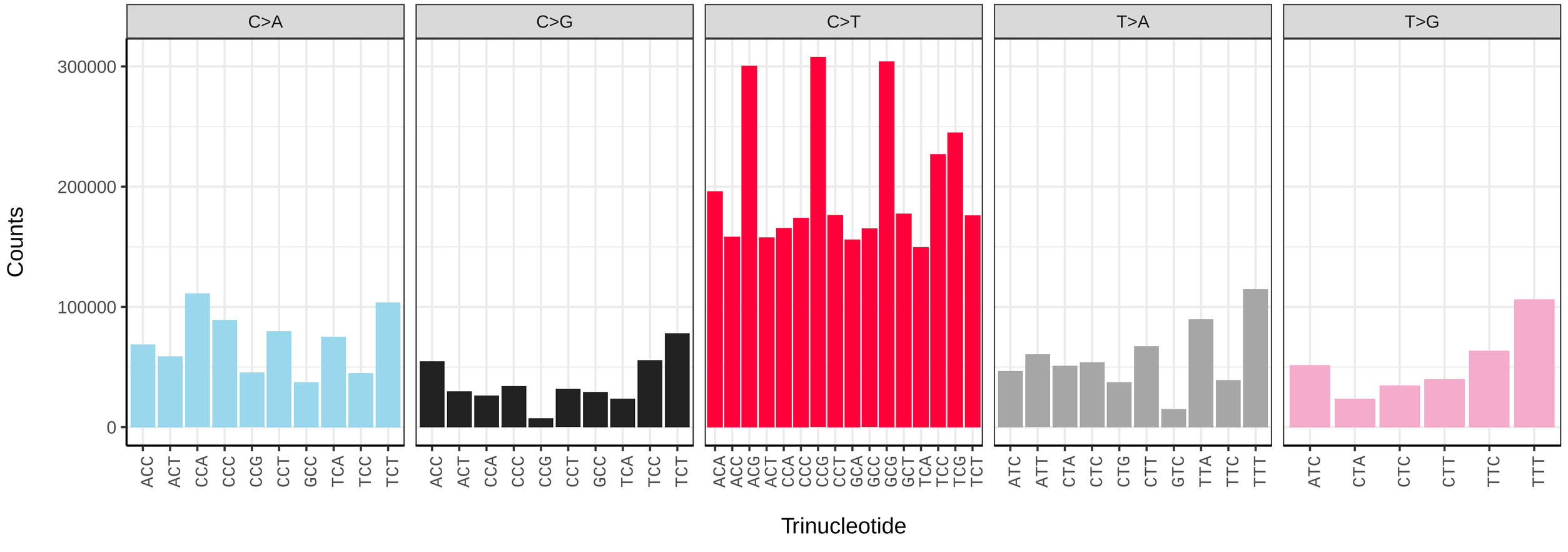
Sacculina carcini (qxSacCarc1) somatic mutational spectrum (SBS96 classification)



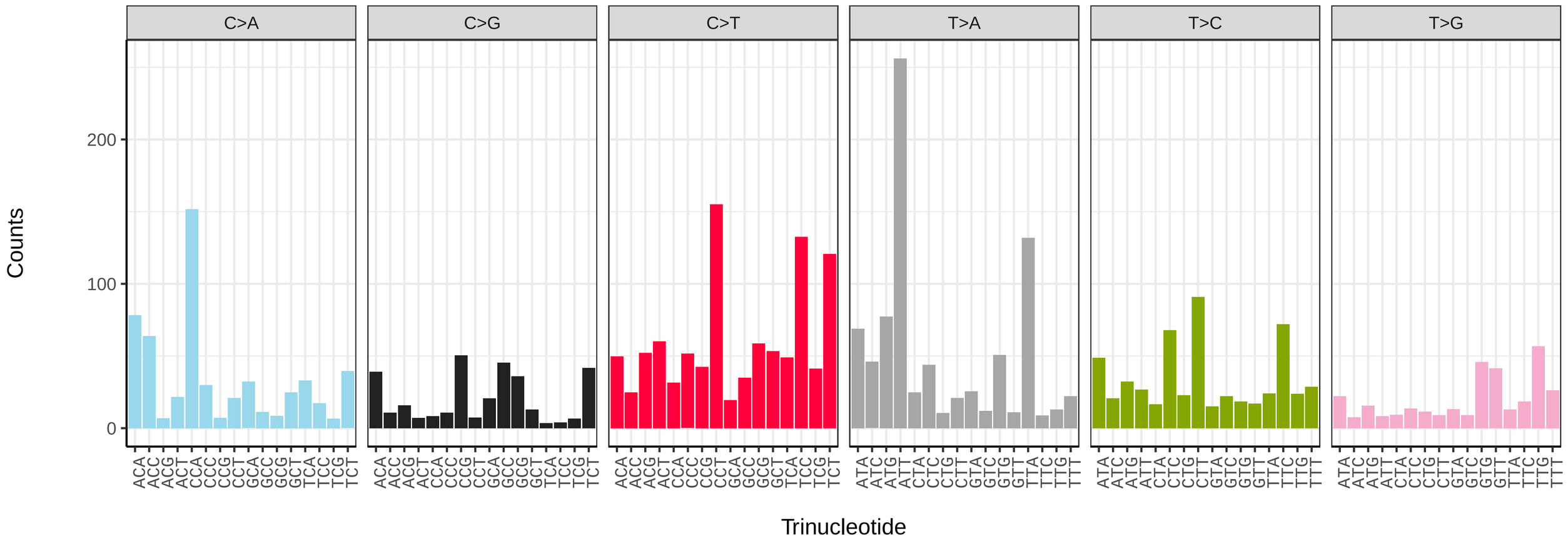
Sacculina carcini (qxSacCarc1) somatic mutational spectrum (SBS52 classification)



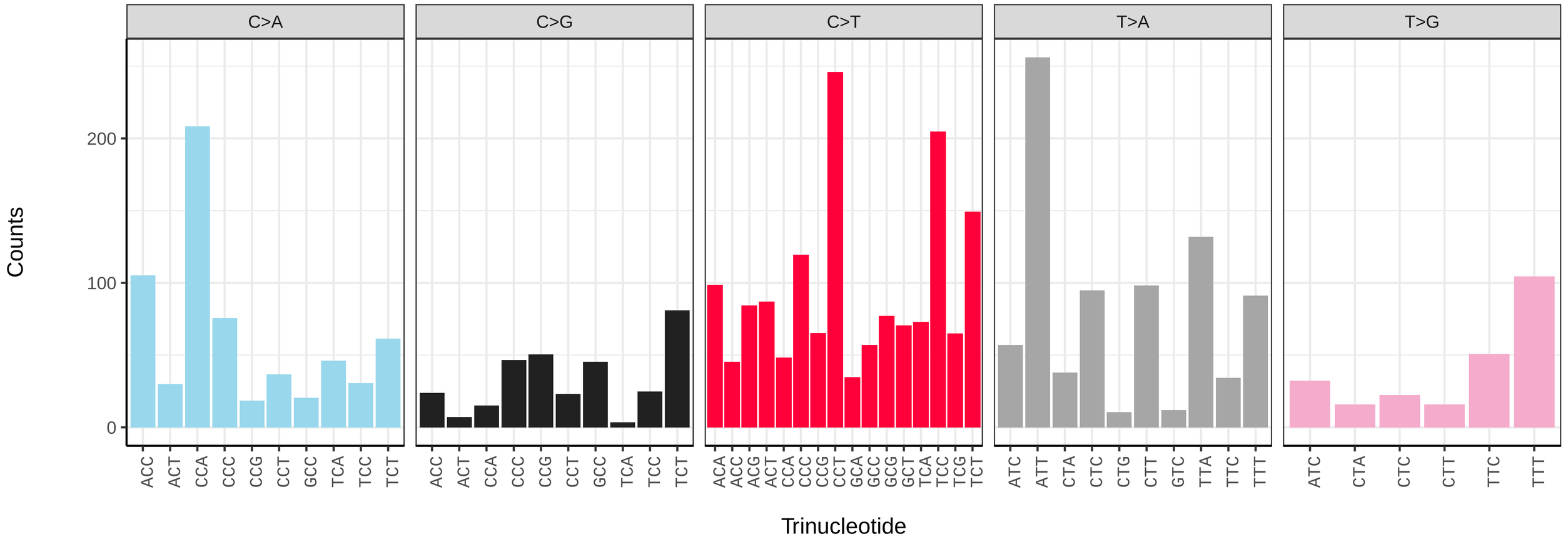
Zootoca vivipara (rZooViv1) germline mutational spectrum



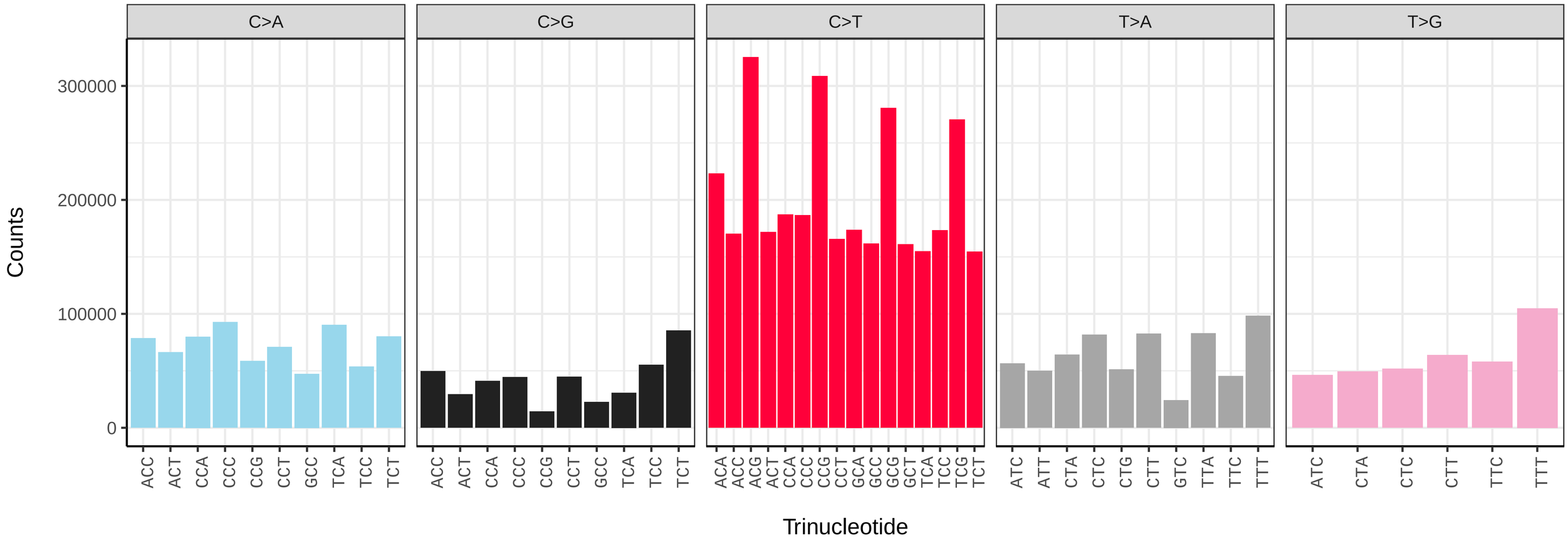
Zootoca vivipara (rZooViv1) somatic mutational spectrum (SBS96 classification)



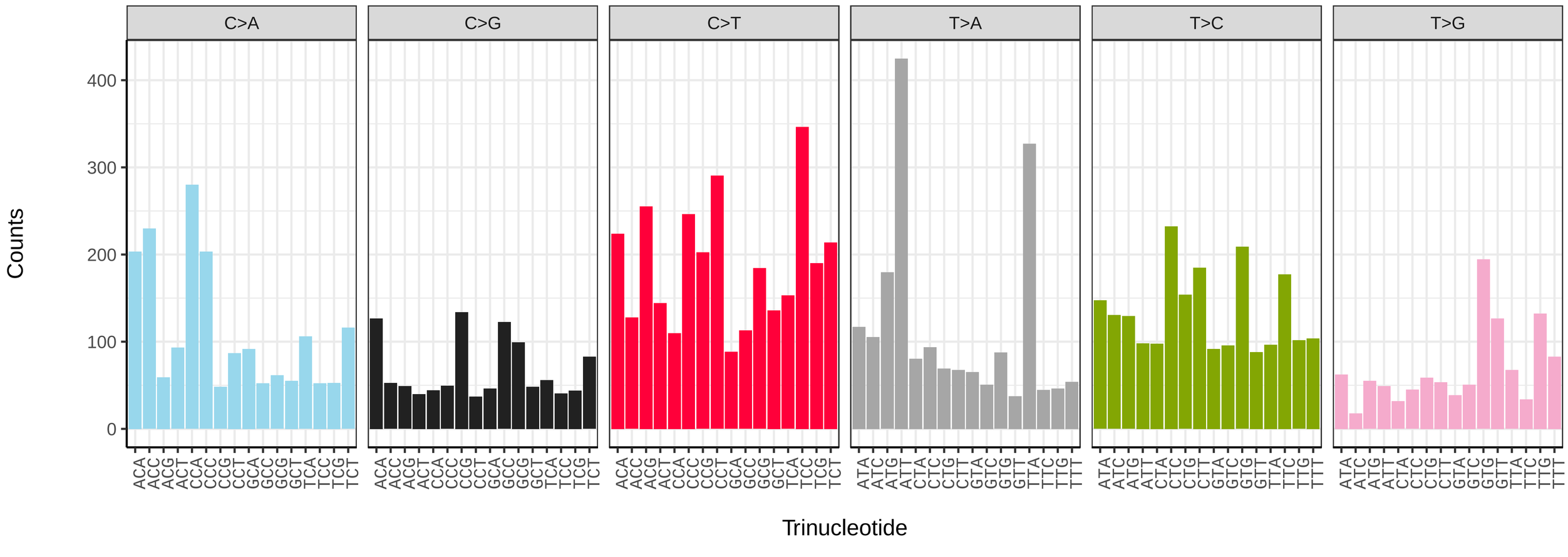
Zootoca vivipara (rZooViv1) somatic mutational spectrum (SBS52 classification)



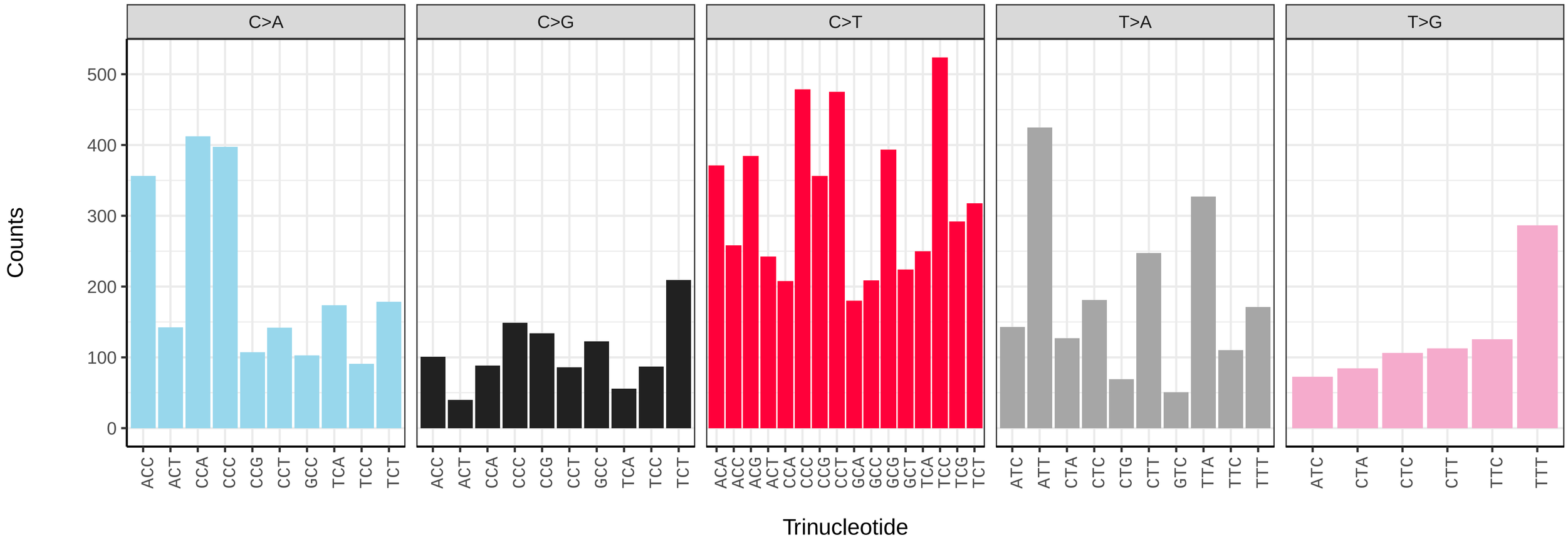
Raja brachyura (sRajBra1) germline mutational spectrum



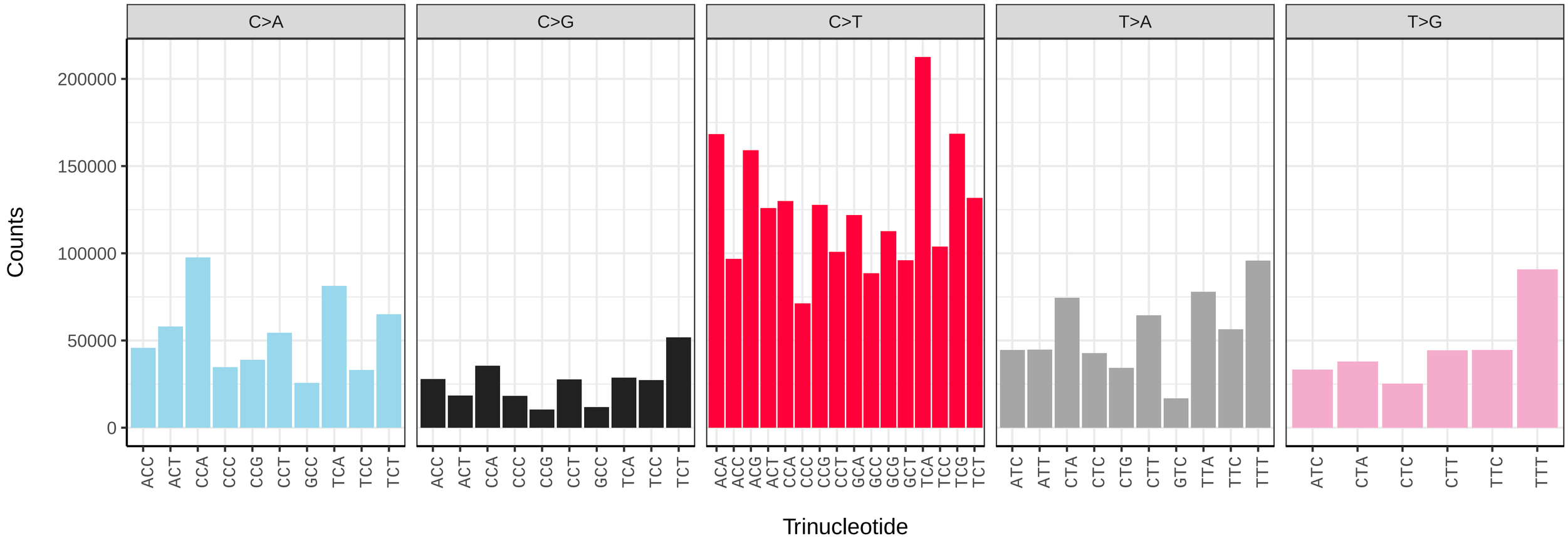
Raja brachyura (sRajBra1) somatic mutational spectrum (SBS96 classification)



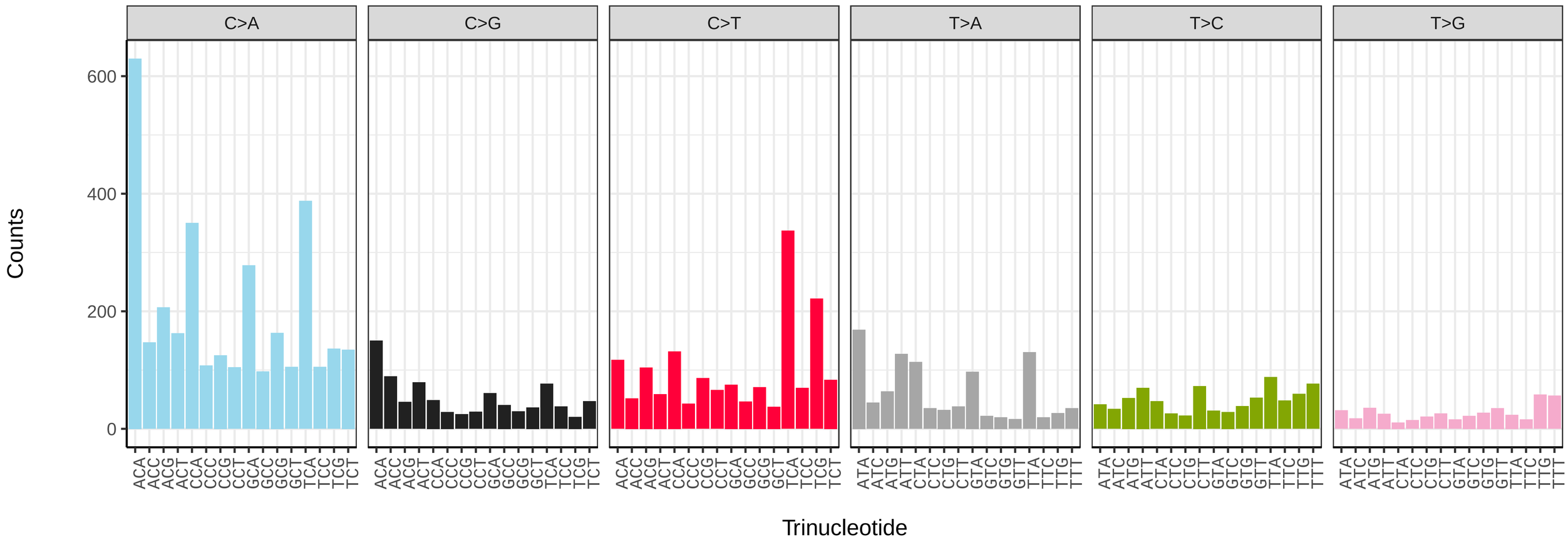
Raja brachyura (sRajBra1) somatic mutational spectrum (SBS52 classification)



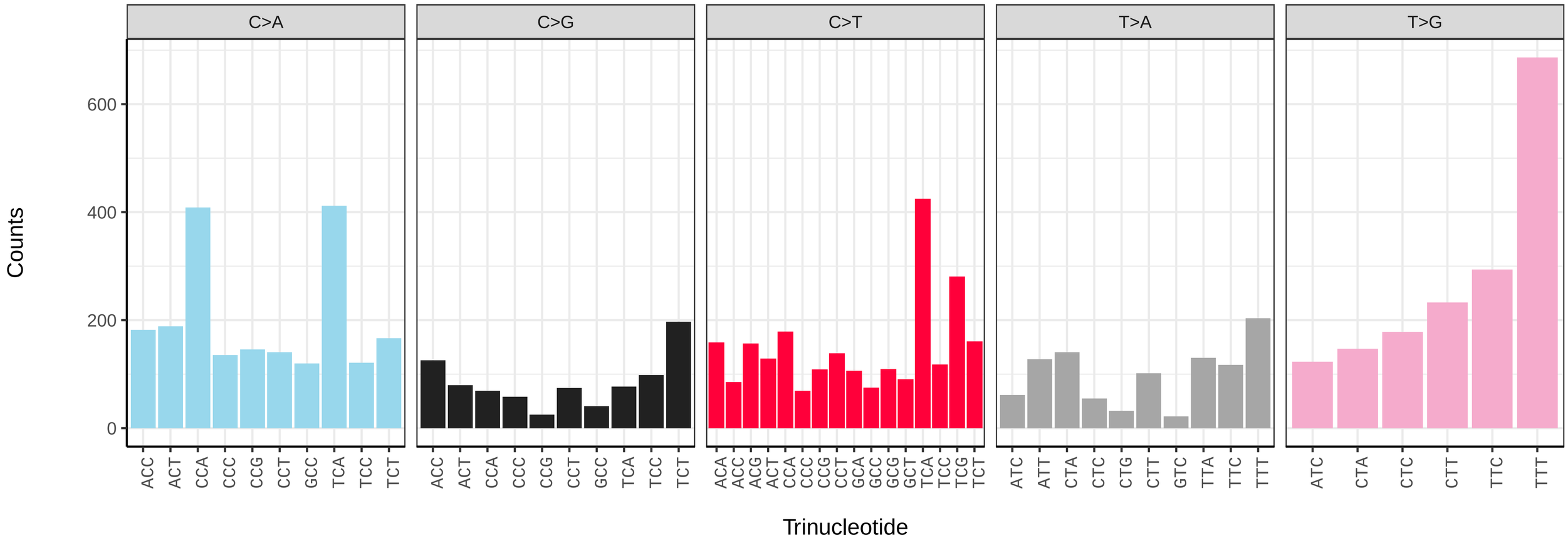
Lineus longissimus (tnLinLong1) germline mutational spectrum



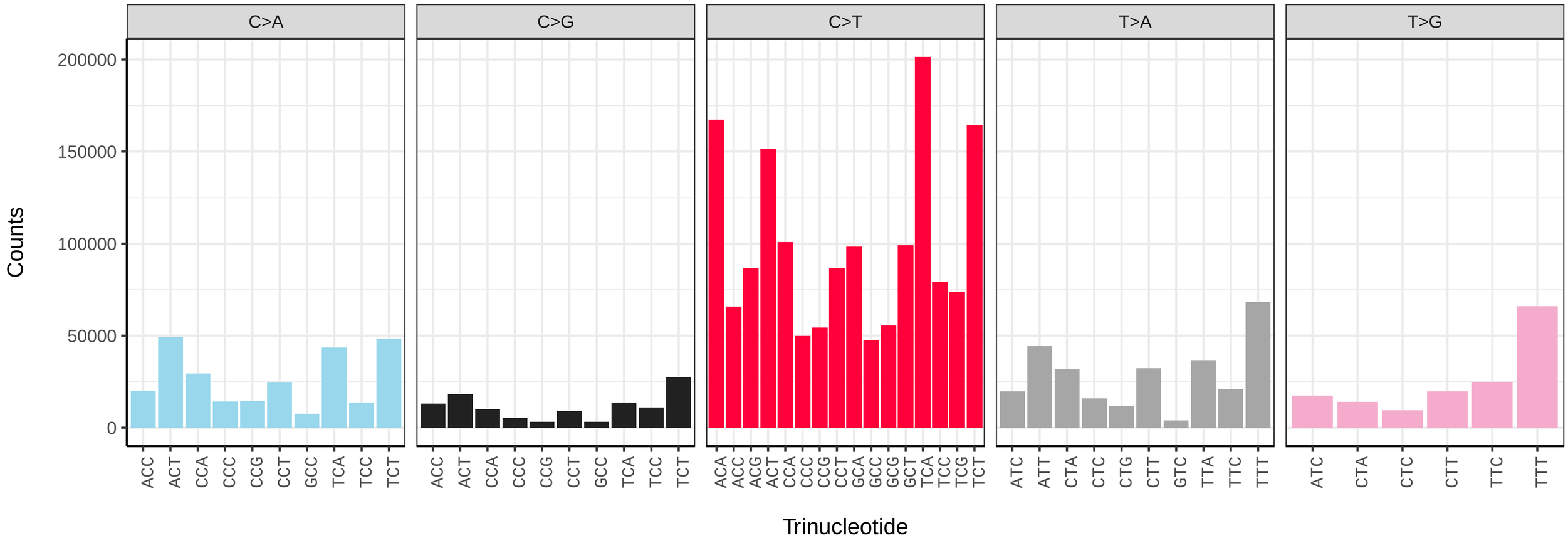
Lineus longissimus (tnLinLong1) somatic mutational spectrum (SBS96 classification)



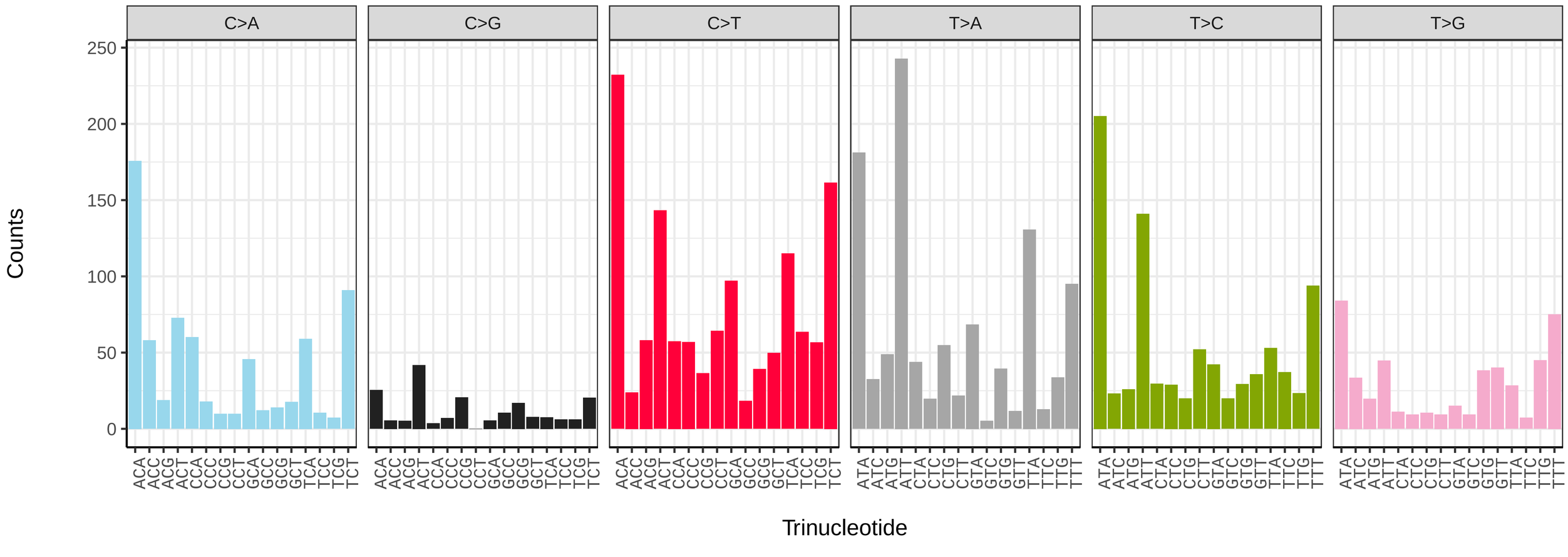
Lineus longissimus (tnLinLong1) somatic mutational spectrum (SBS52 classification)



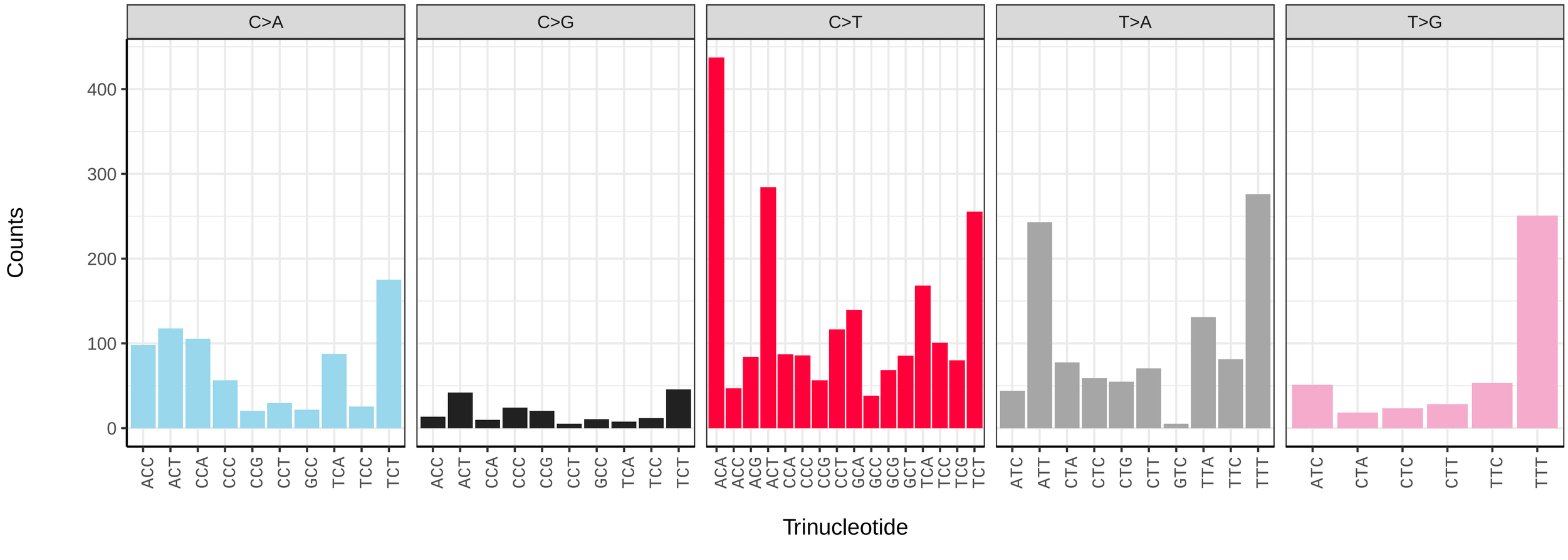
Bugula neritina (tzBugNeri2) germline mutational spectrum



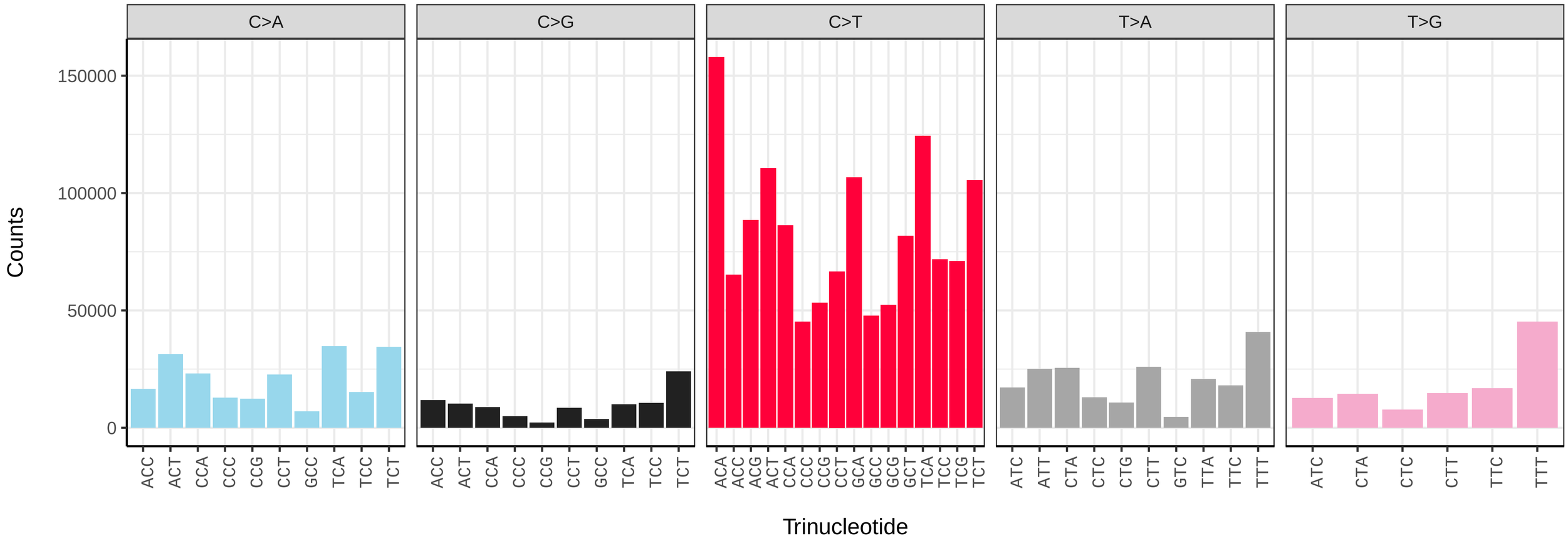
Bugula neritina (tzBugNeri2) somatic mutational spectrum (SBS96 classification)



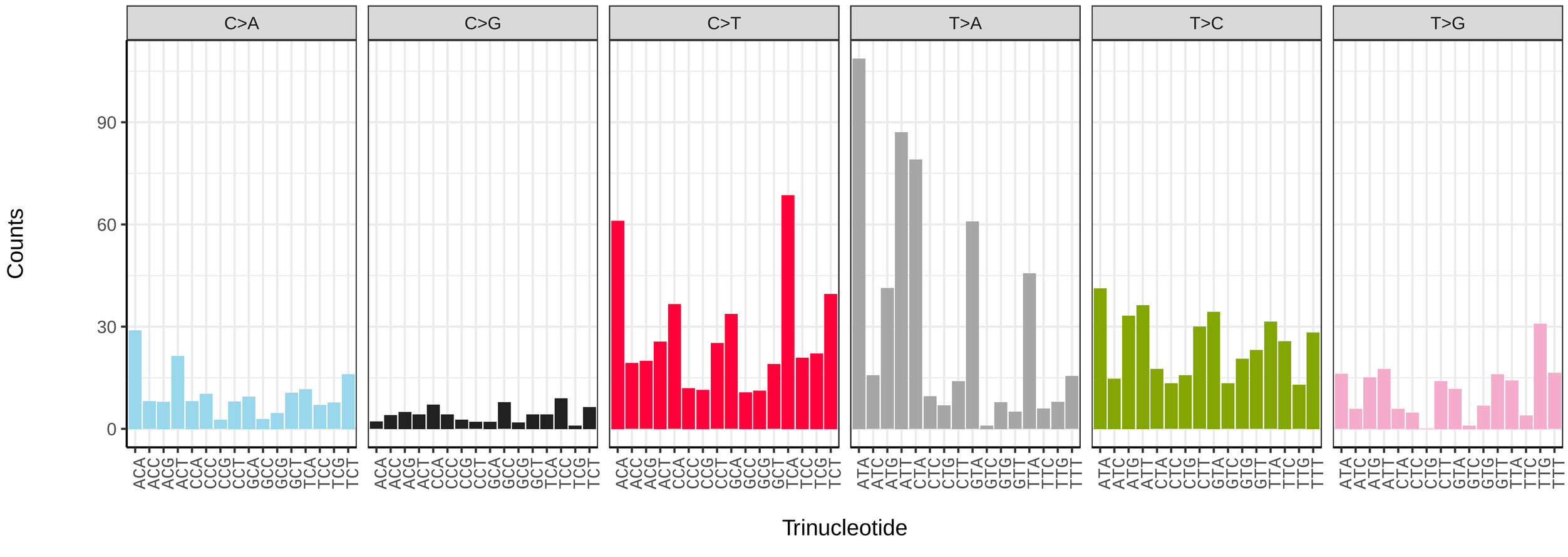
Bugula neritina (tzBugNeri2) somatic mutational spectrum (SBS52 classification)



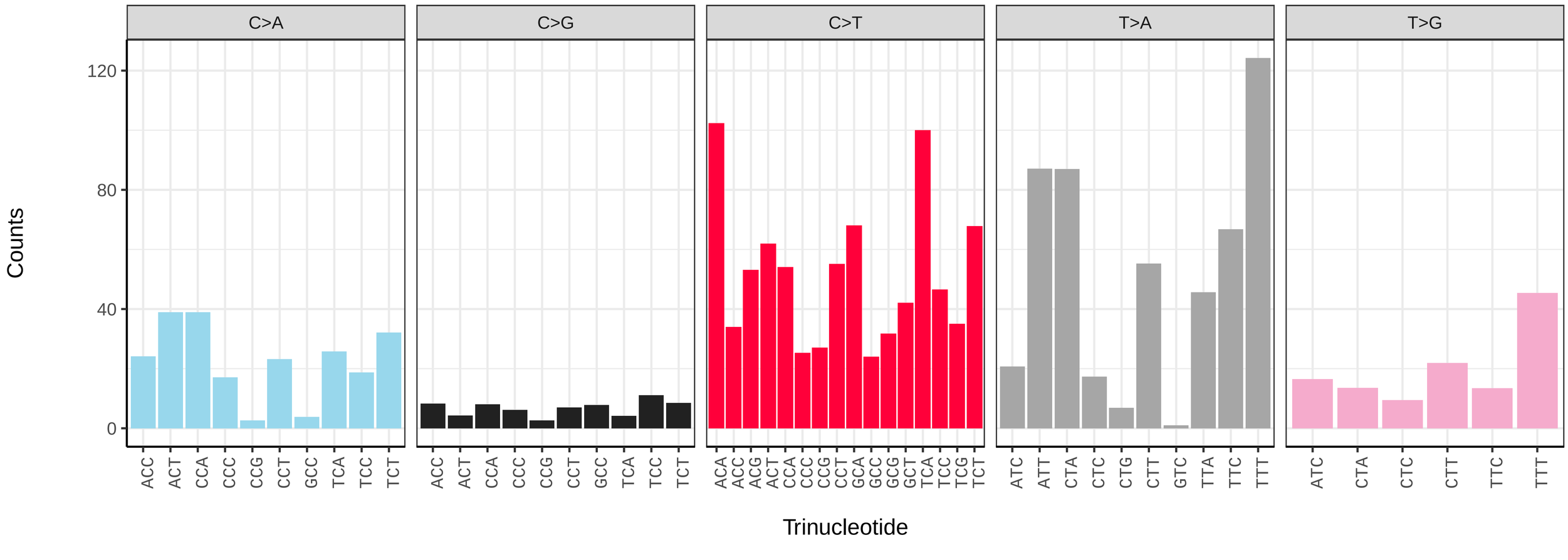
Bugulina stolonifera (tzBugStol2) germline mutational spectrum



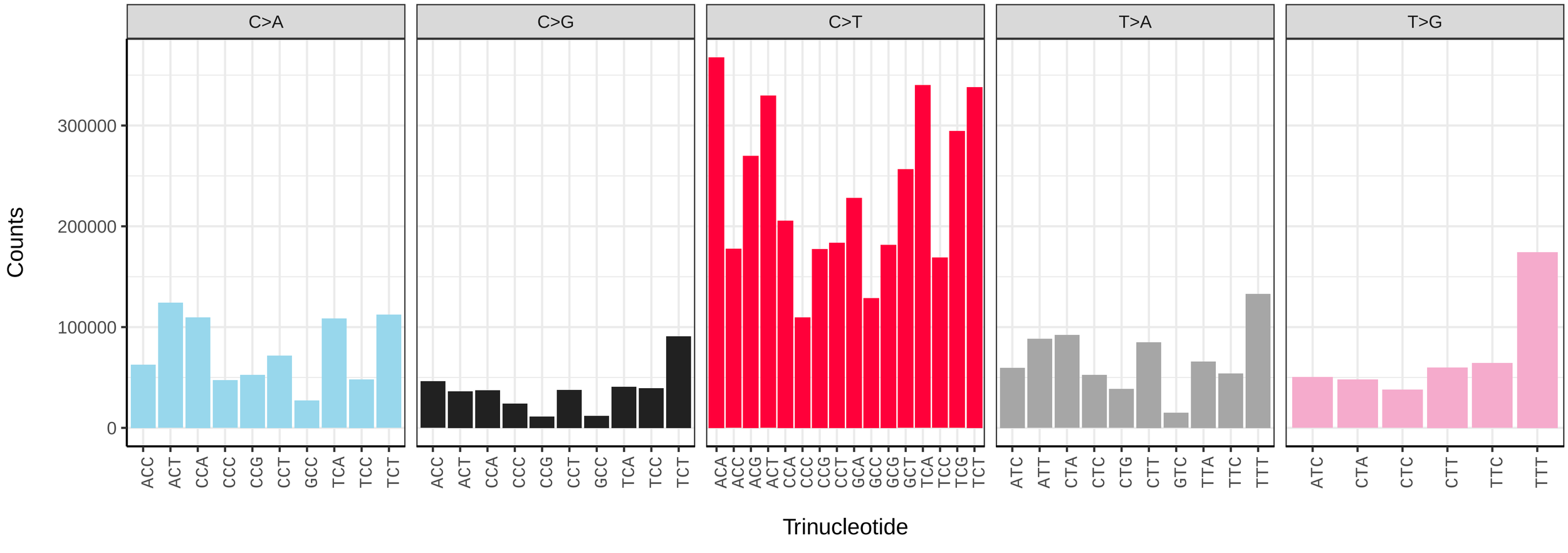
Bugulina stolonifera (tzBugStol2) somatic mutational spectrum (SBS96 classification)



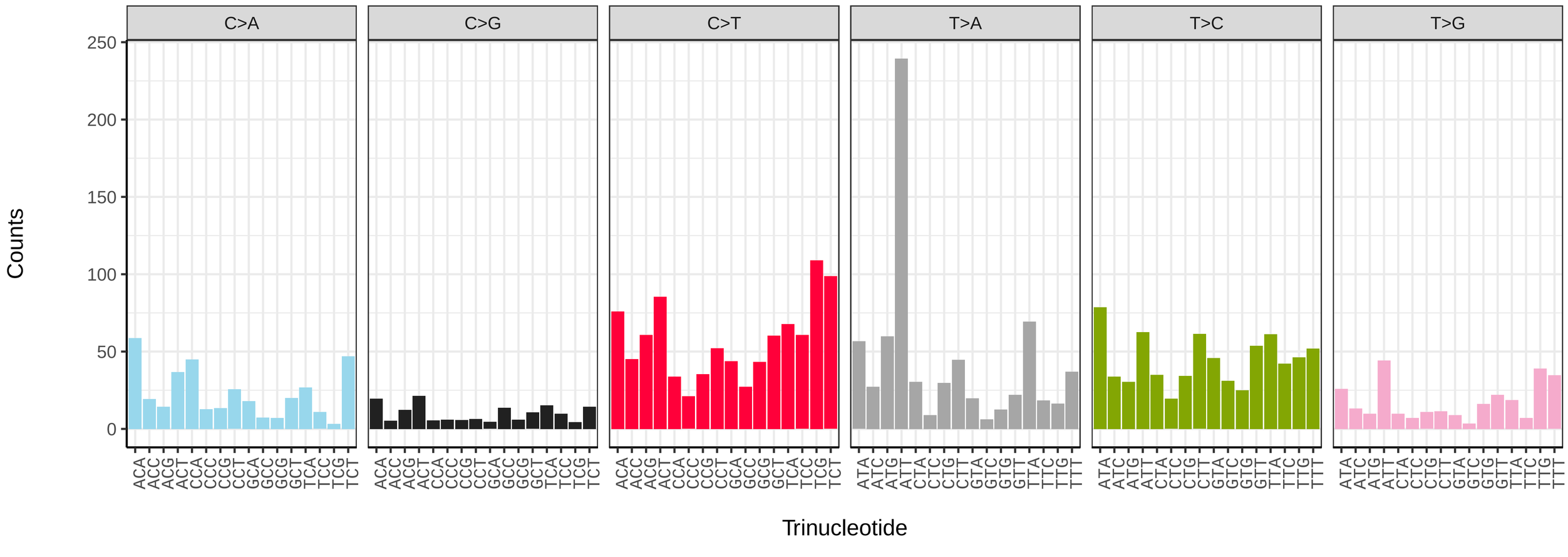
Bugulina stolonifera (tzBugStol2) somatic mutational spectrum (SBS52 classification)



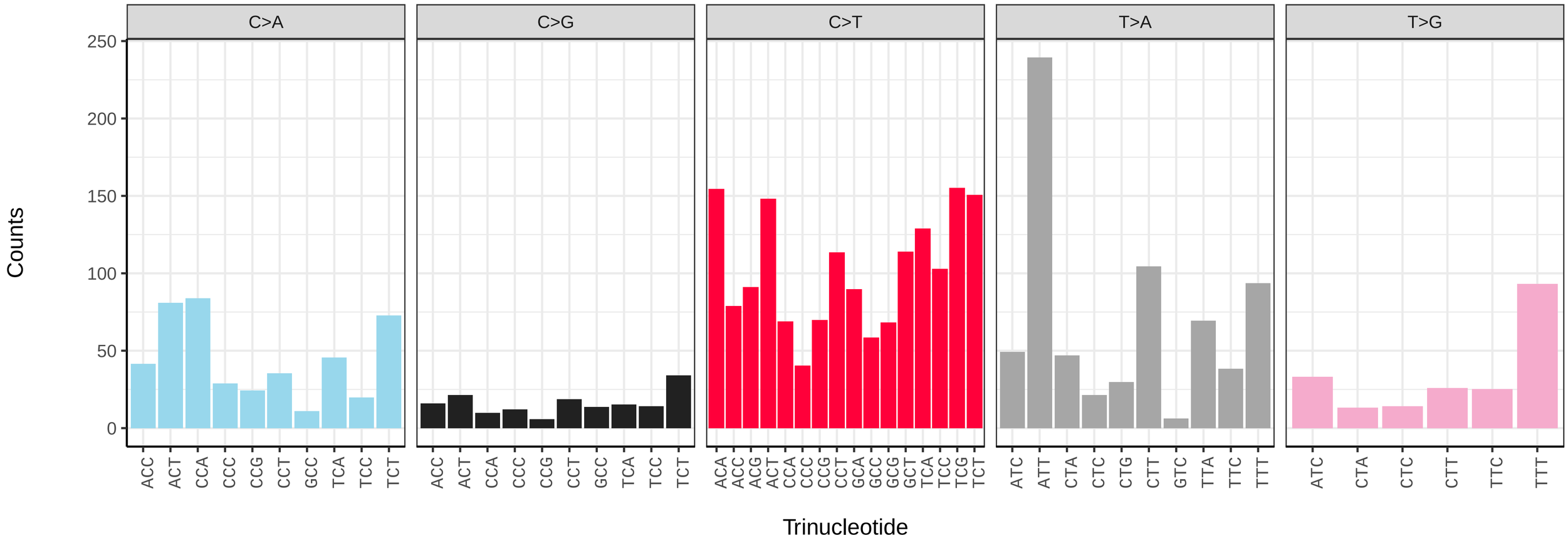
Cryptosula pallasiana (tzCryPall5) germline mutational spectrum



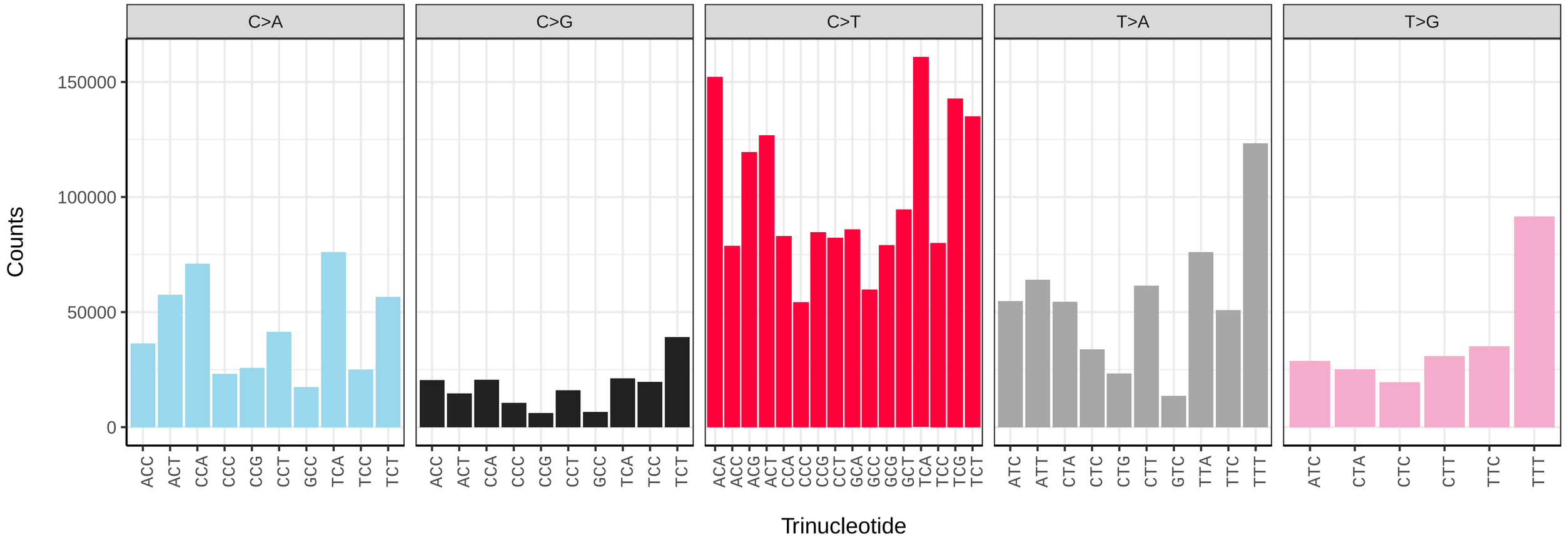
Cryptosula pallasiana (tzCryPall5) somatic mutational spectrum (SBS96 classification)



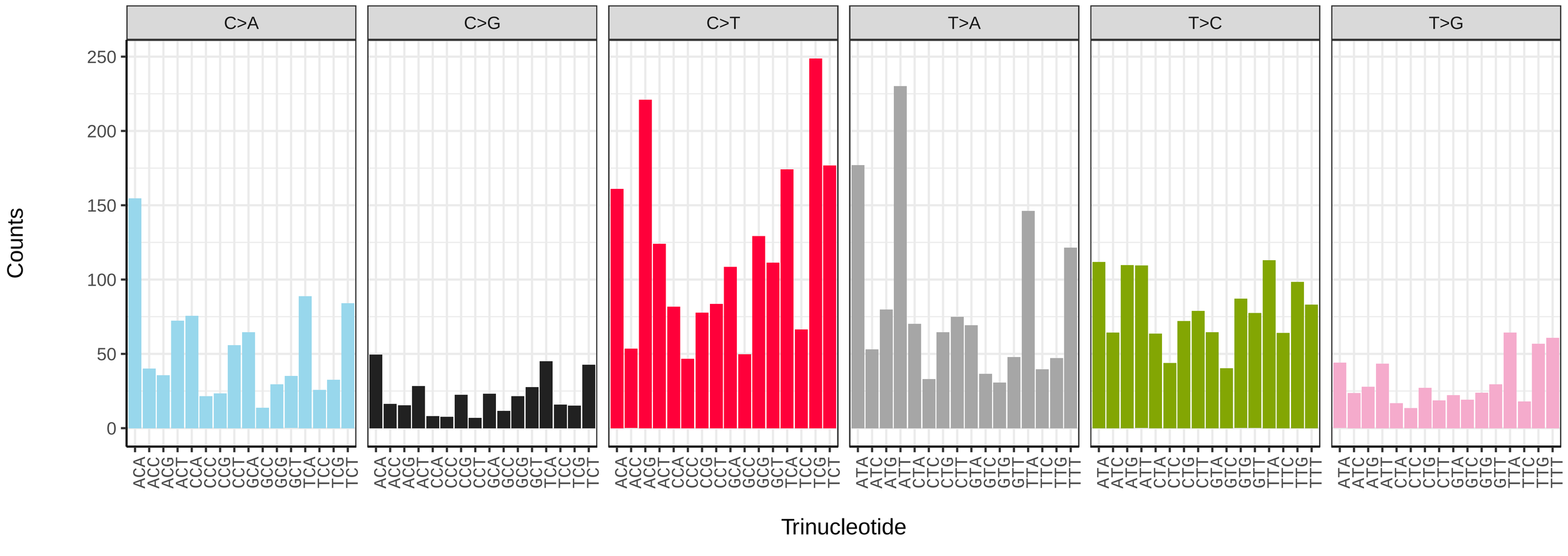
Cryptosula pallasiana (tzCryPall5) somatic mutational spectrum (SBS52 classification)



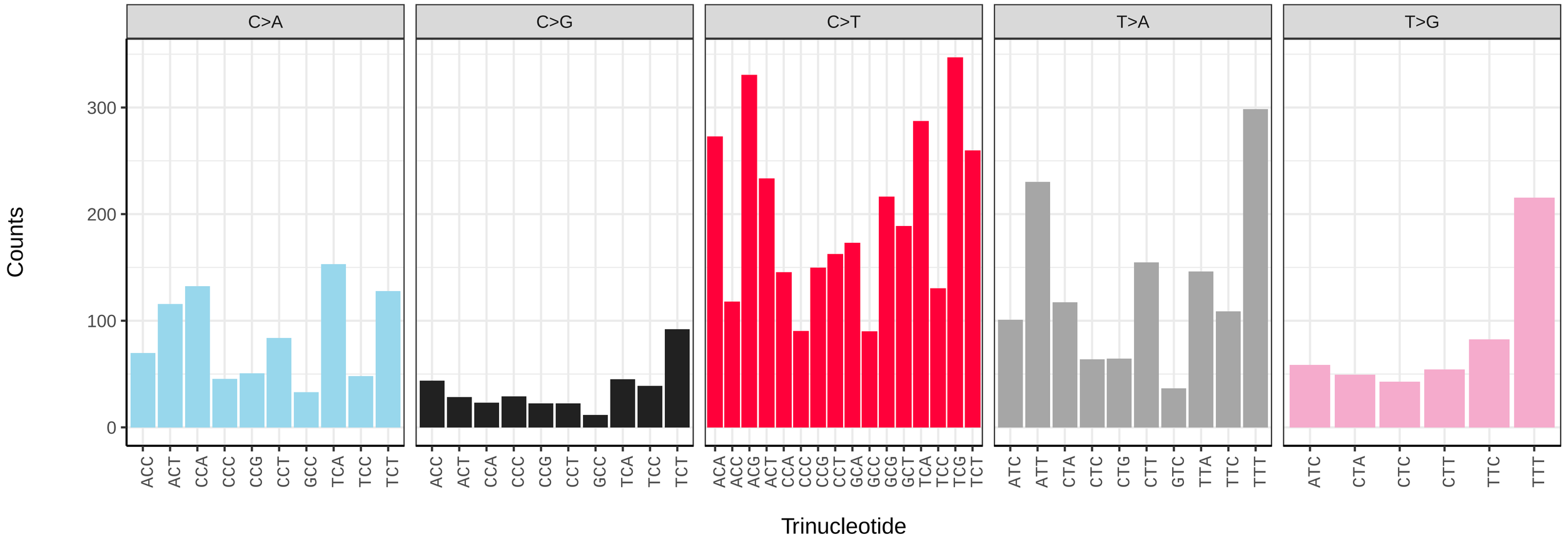
Membranipora membranacea (tzMemMemb1) germline mutational spectrum



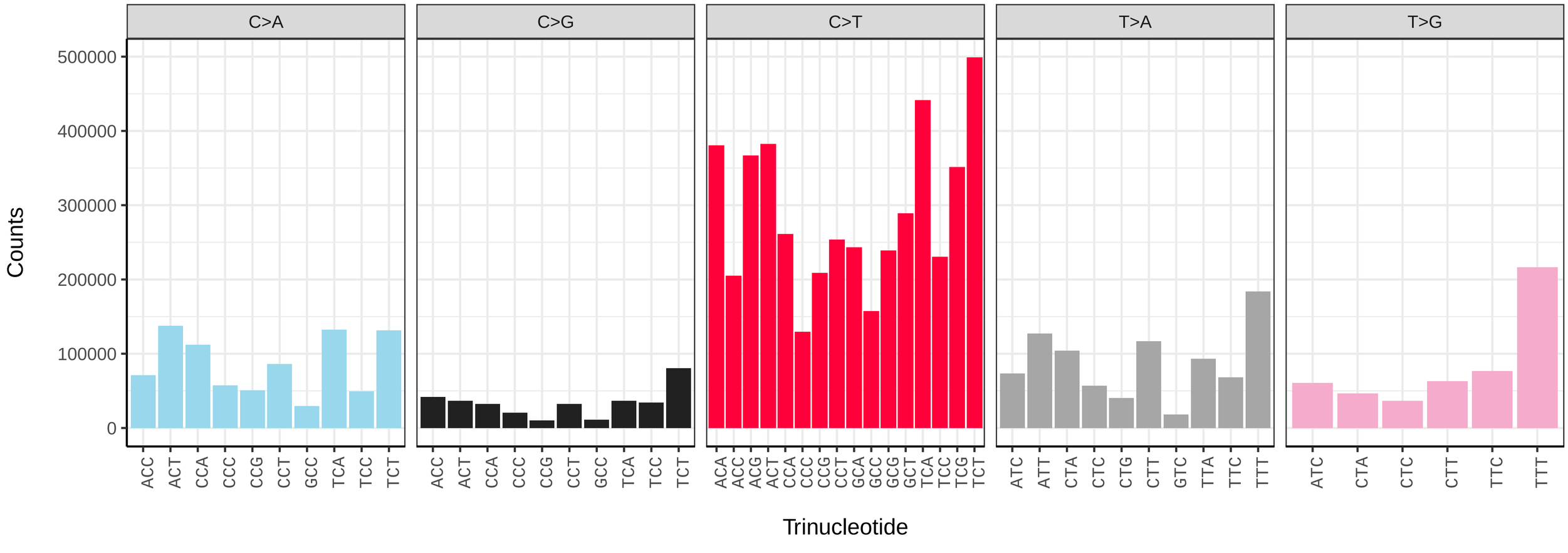
Membranipora membranacea (tzMemMemb1) somatic mutational spectrum (SBS96 classification)



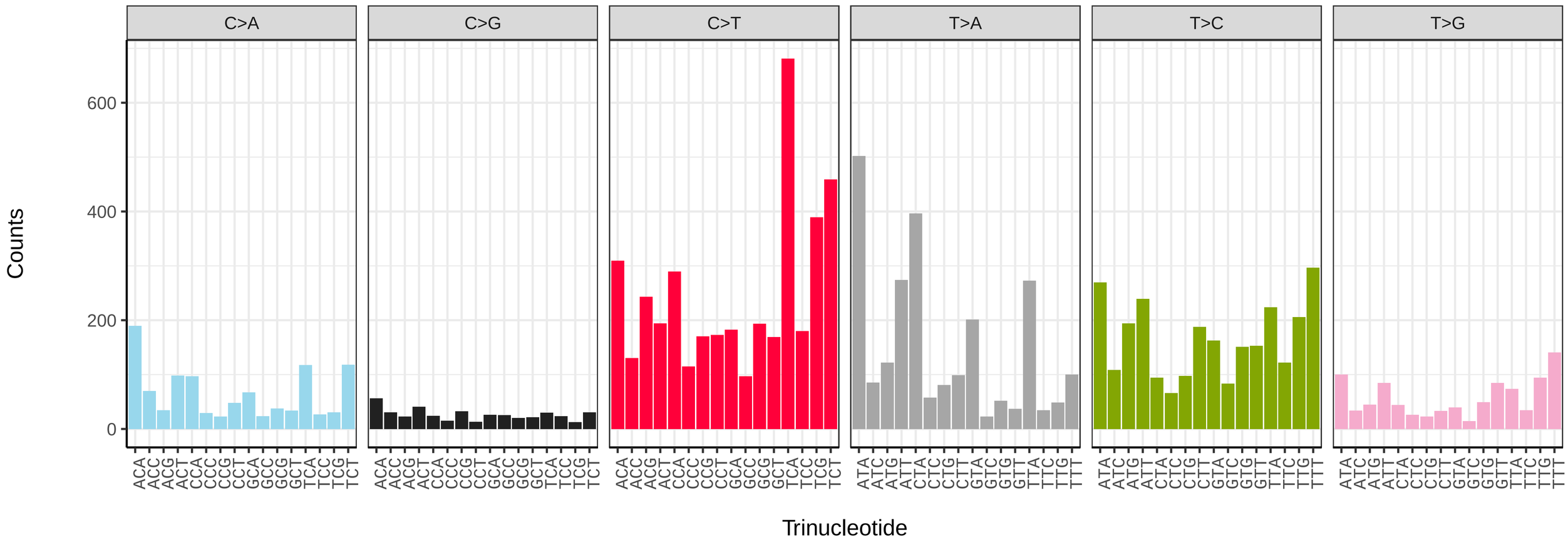
Membranipora membranacea (tzMemMemb1) somatic mutational spectrum (SBS52 classification)



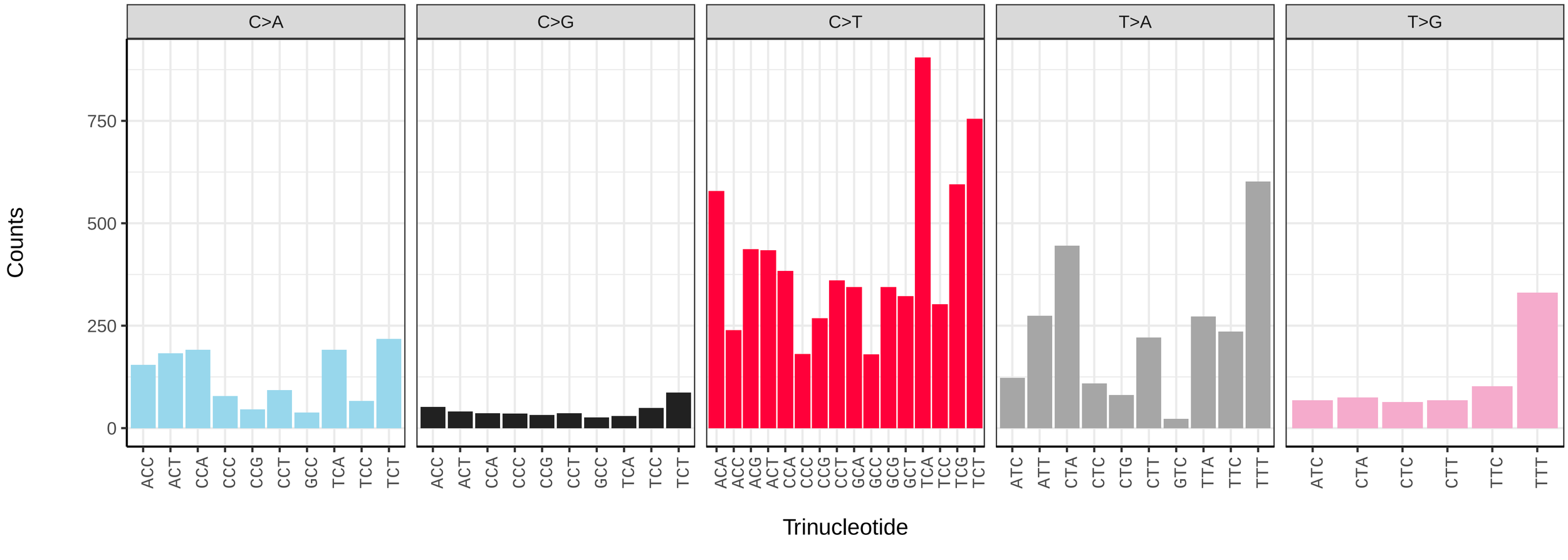
Watersipora subatra (tzWatSuba1) germline mutational spectrum



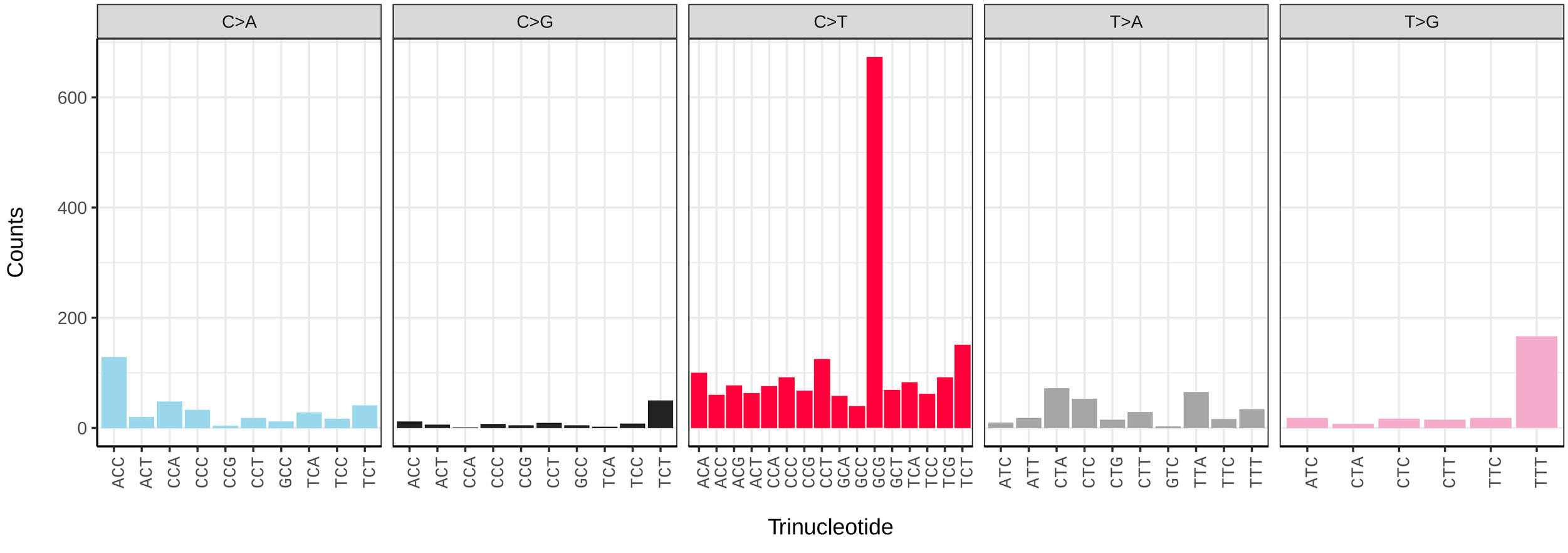
Watersipora subatra (tzWatSuba1) somatic mutational spectrum (SBS96 classification)



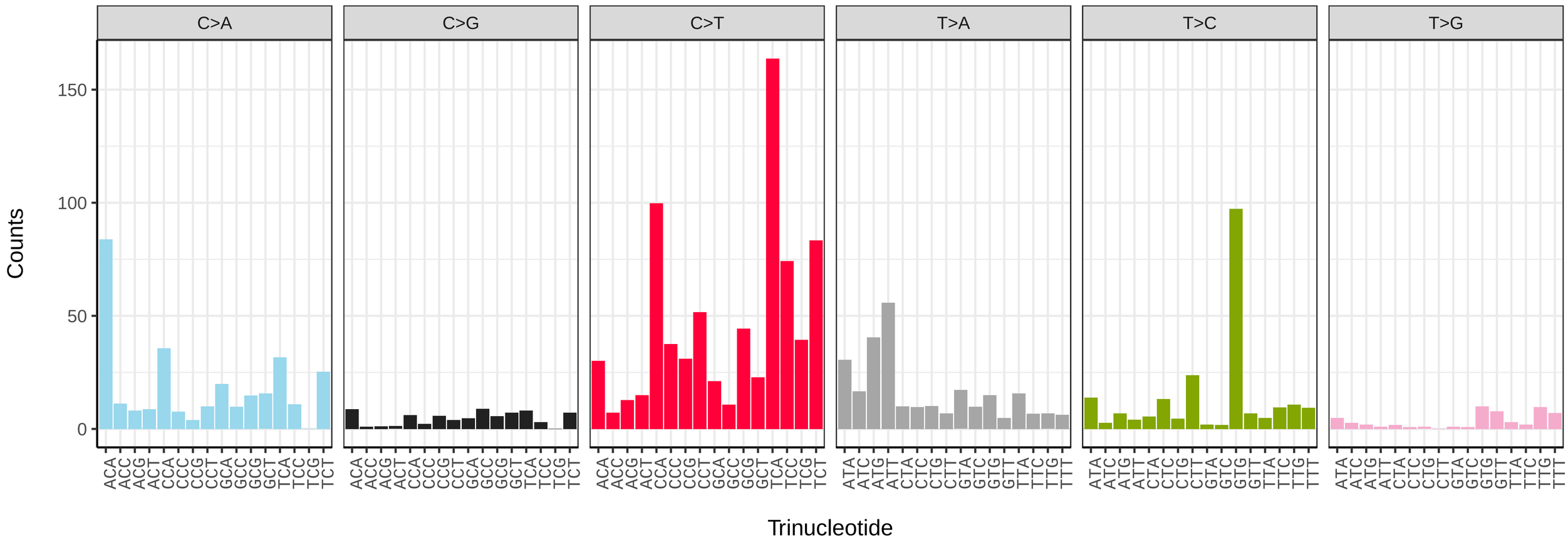
Watersipora subatra (tzWatSuba1) somatic mutational spectrum (SBS52 classification)



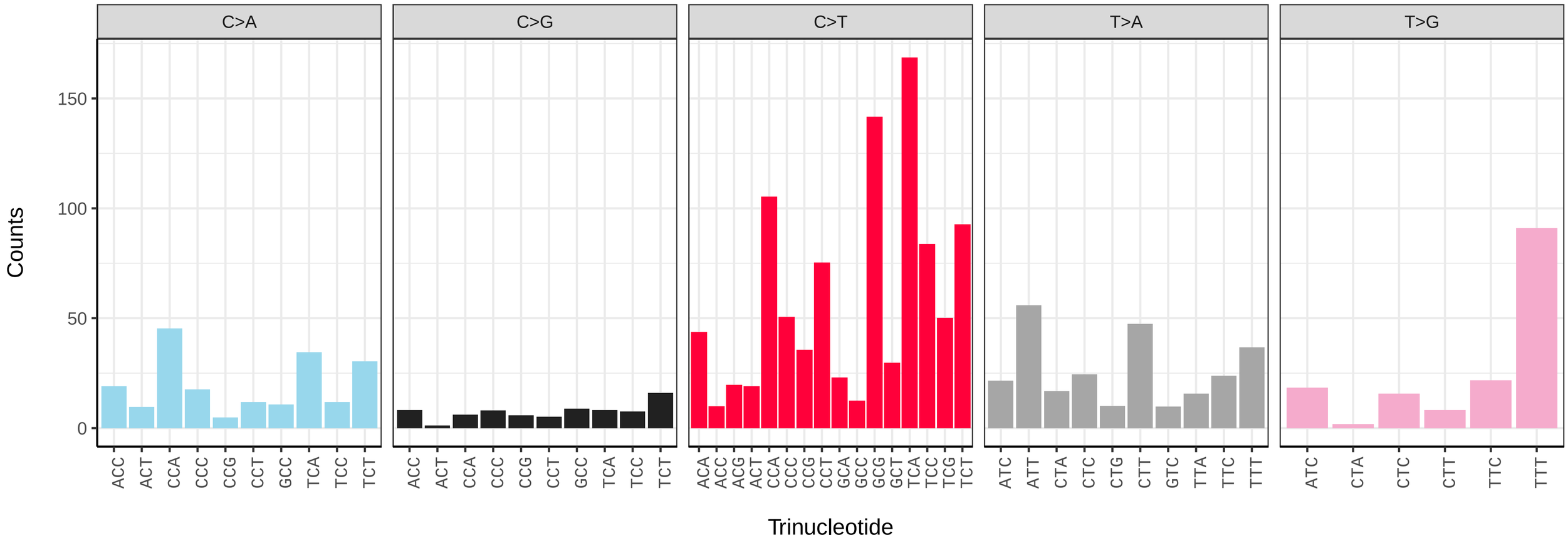
Dunaliella primolecta (ucDunPrim2) germline mutational spectrum



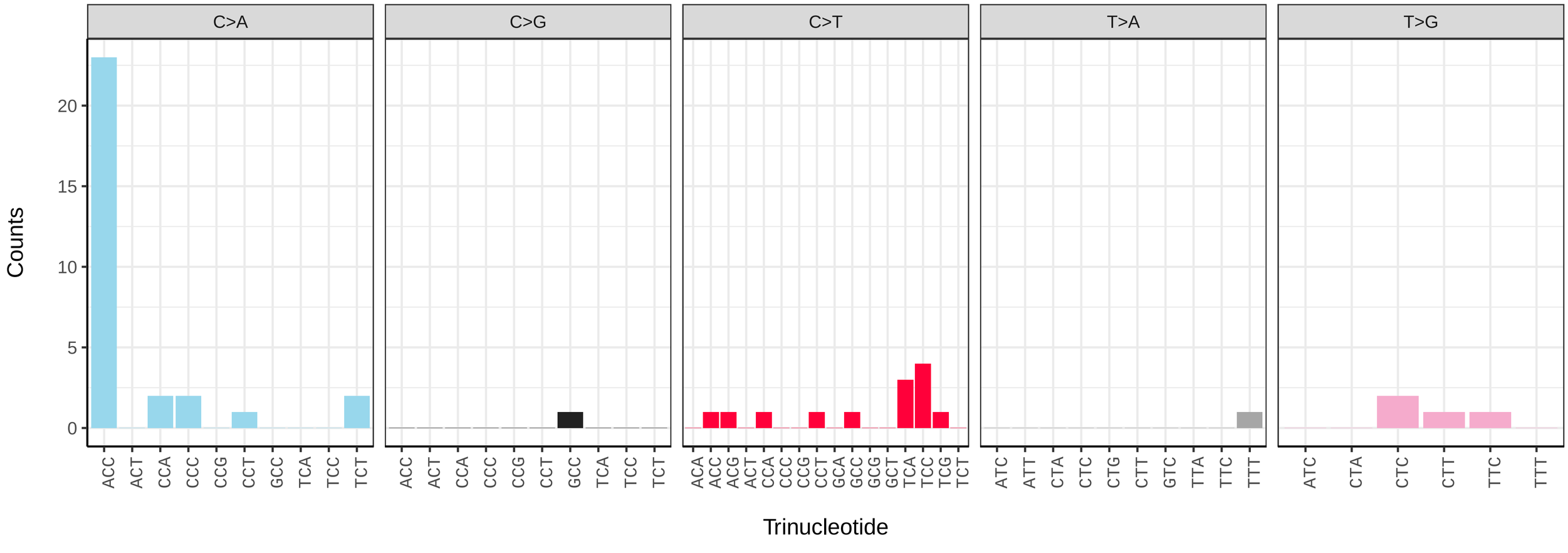
Dunaliella primolecta (ucDunPrim2) somatic mutational spectrum (SBS96 classification)



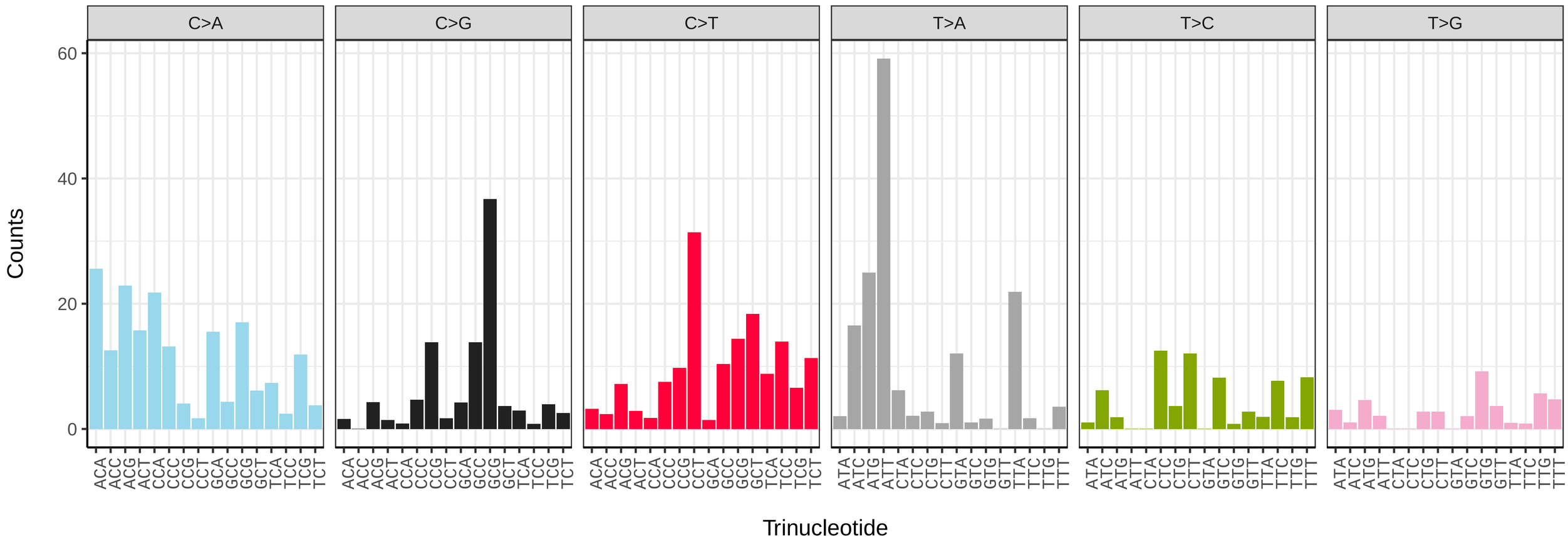
Dunaliella primolecta (ucDunPrim2) somatic mutational spectrum (SBS52 classification)



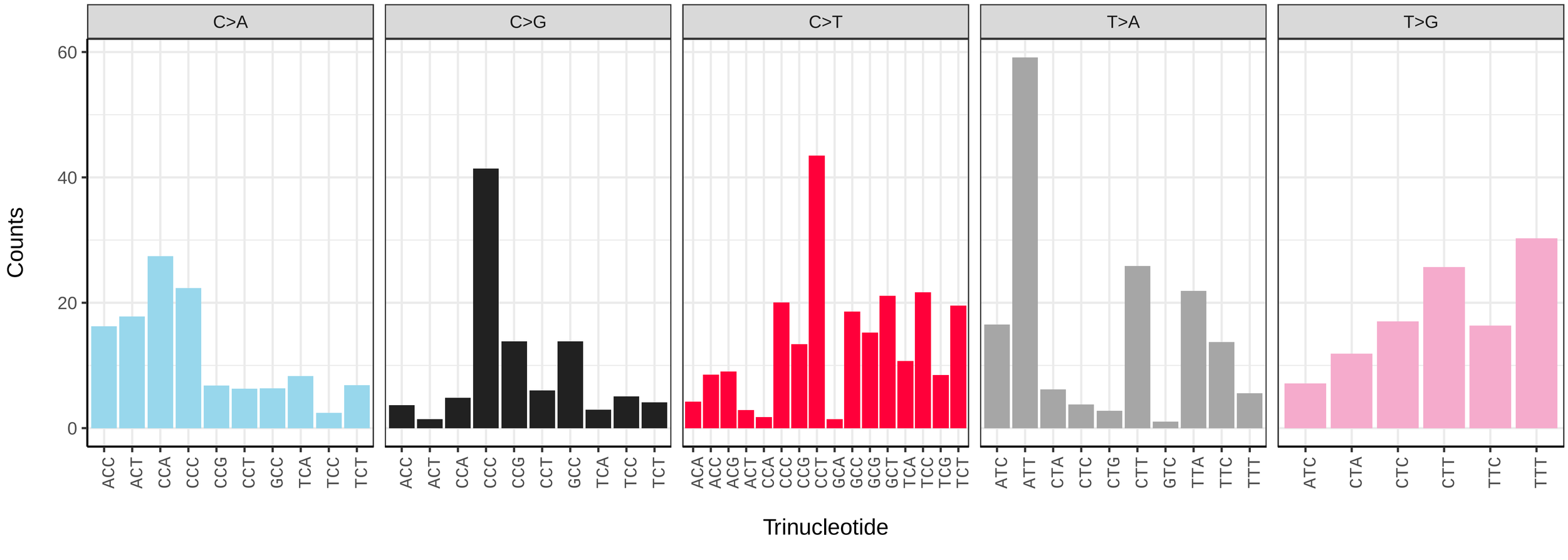
Marvania coccoides (ucMarCocc1) germline mutational spectrum



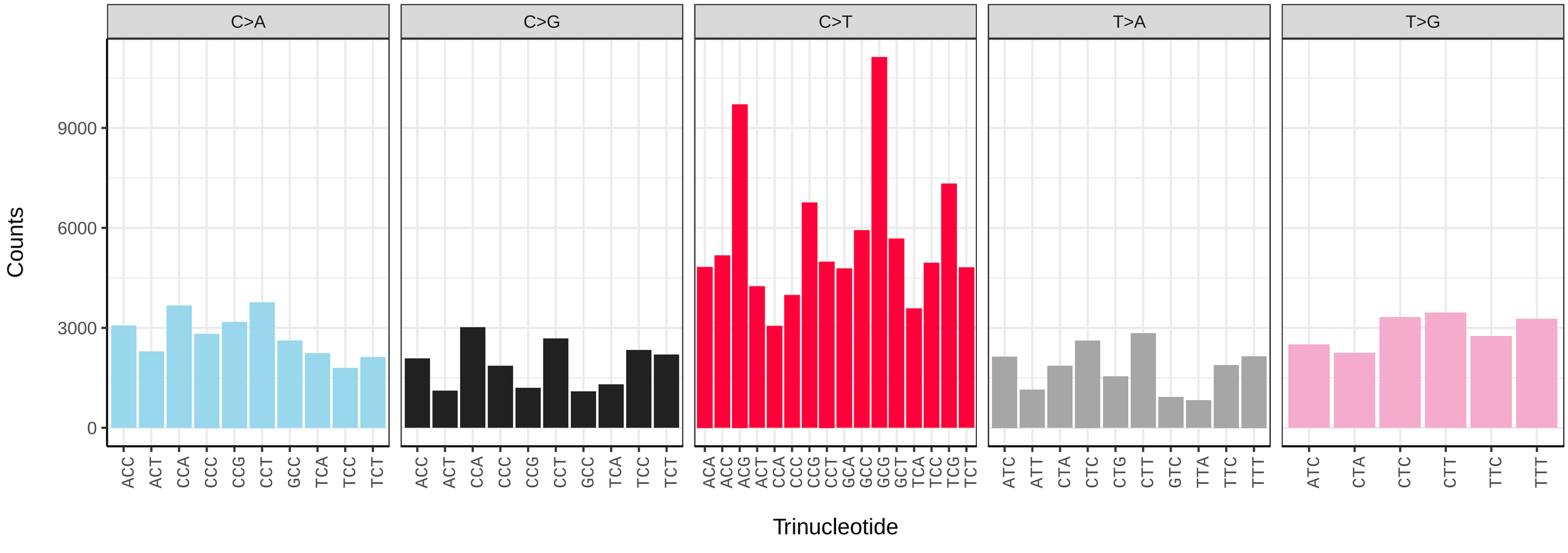
Marvania coccoides (ucMarCocc1) somatic mutational spectrum (SBS96 classification)



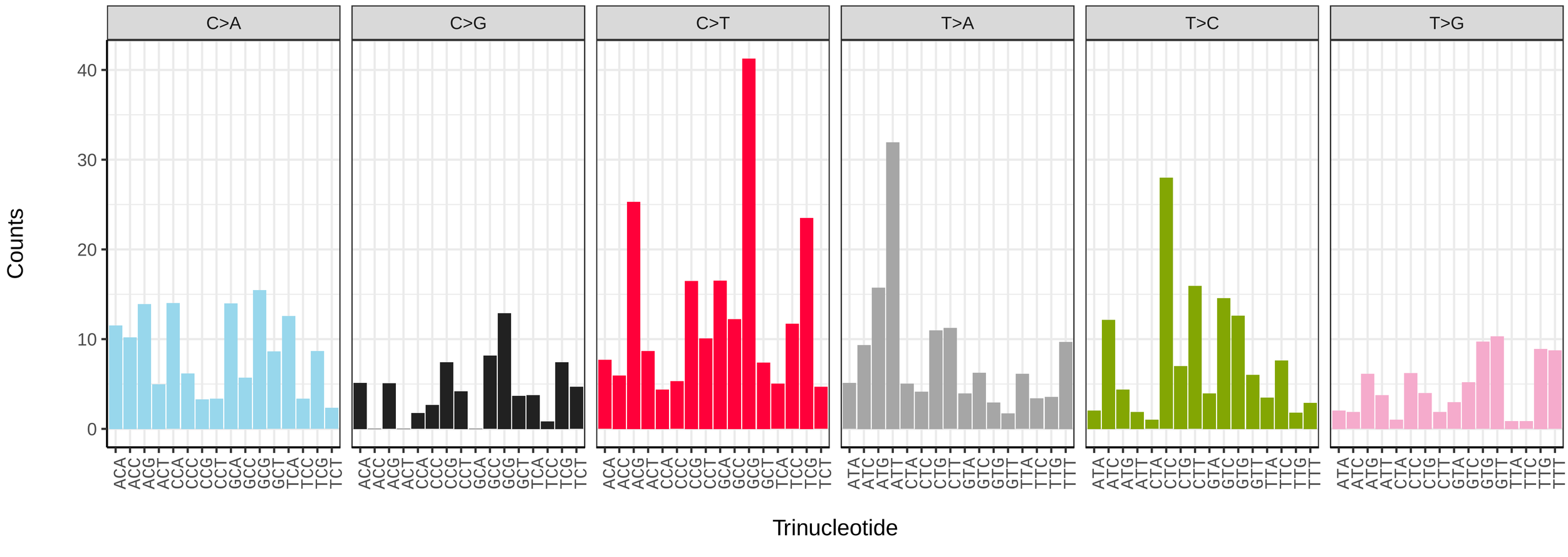
Marvania coccoides (ucMarCocc1) somatic mutational spectrum (SBS52 classification)



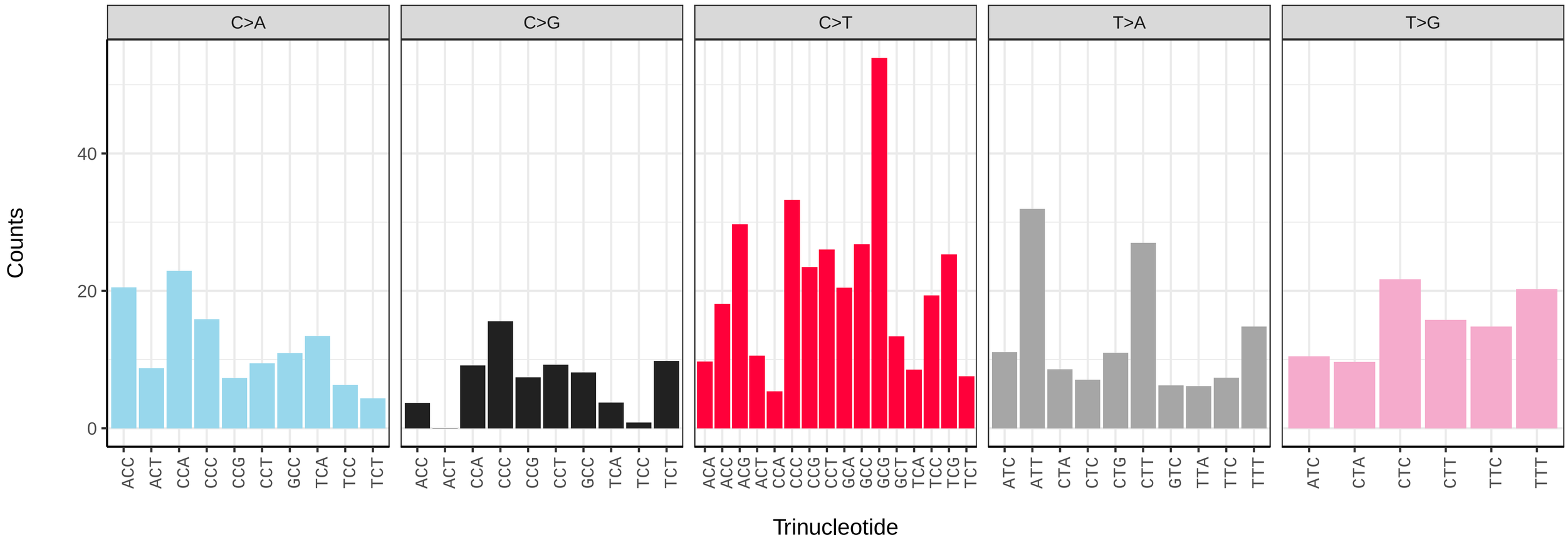
Pycnococcus provasolii (ucPycProv1) germline mutational spectrum



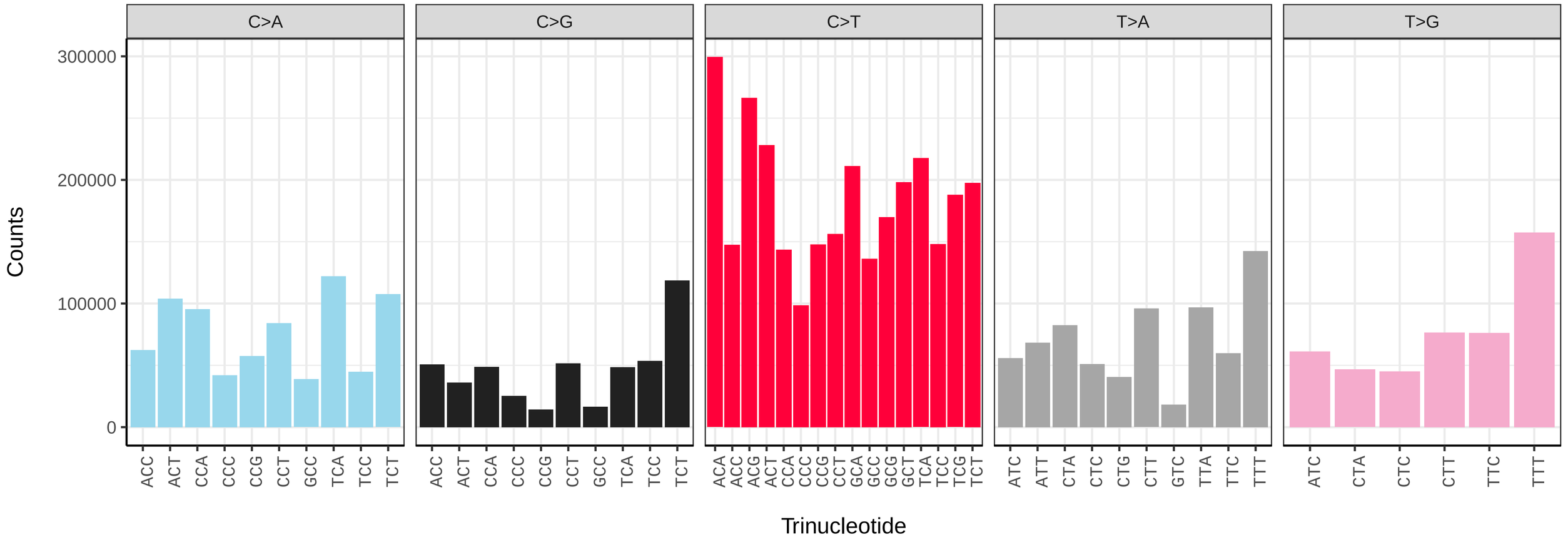
Pycnococcus provasolii (ucPycProv1) somatic mutational spectrum (SBS96 classification)



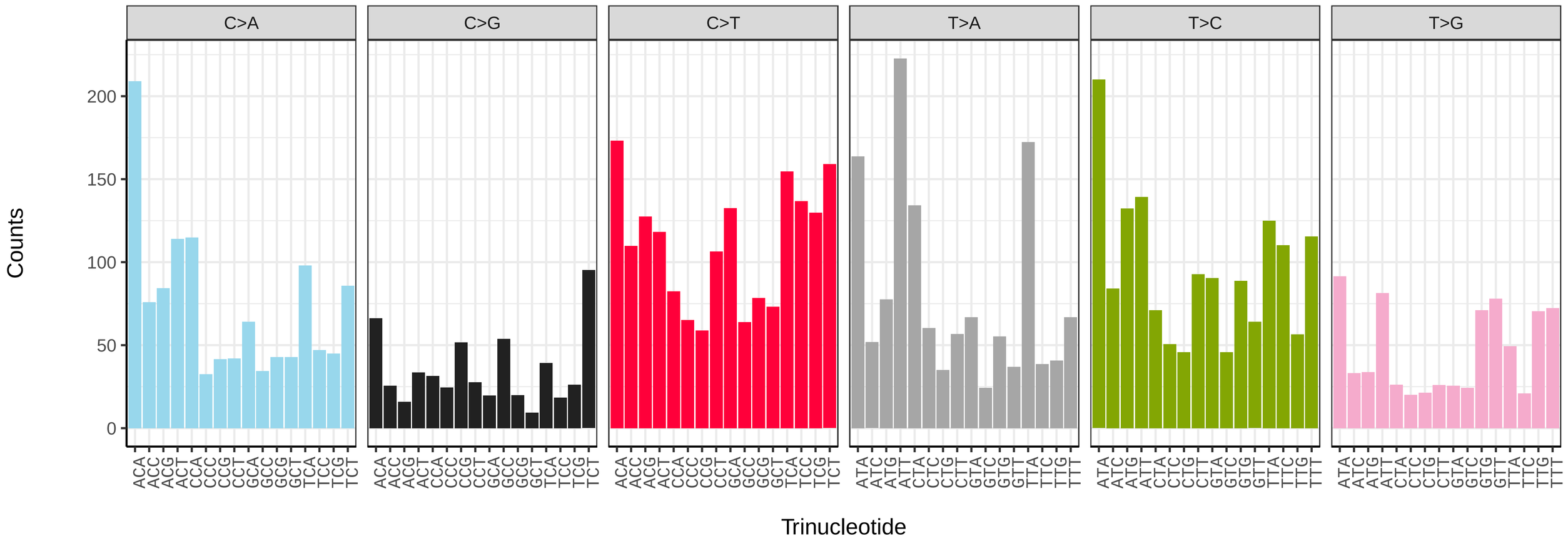
Pycnococcus provasolii (ucPycProv1) somatic mutational spectrum (SBS52 classification)



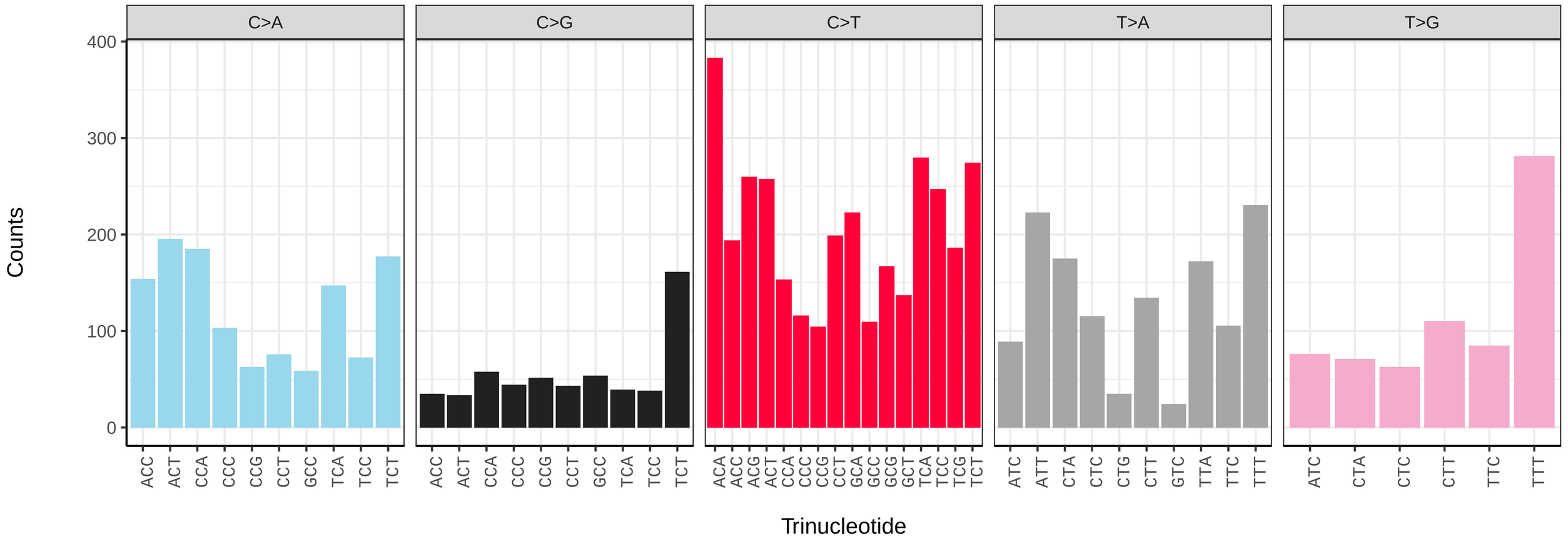
Aporrectodea icterica (wcApoIcte1) germline mutational spectrum



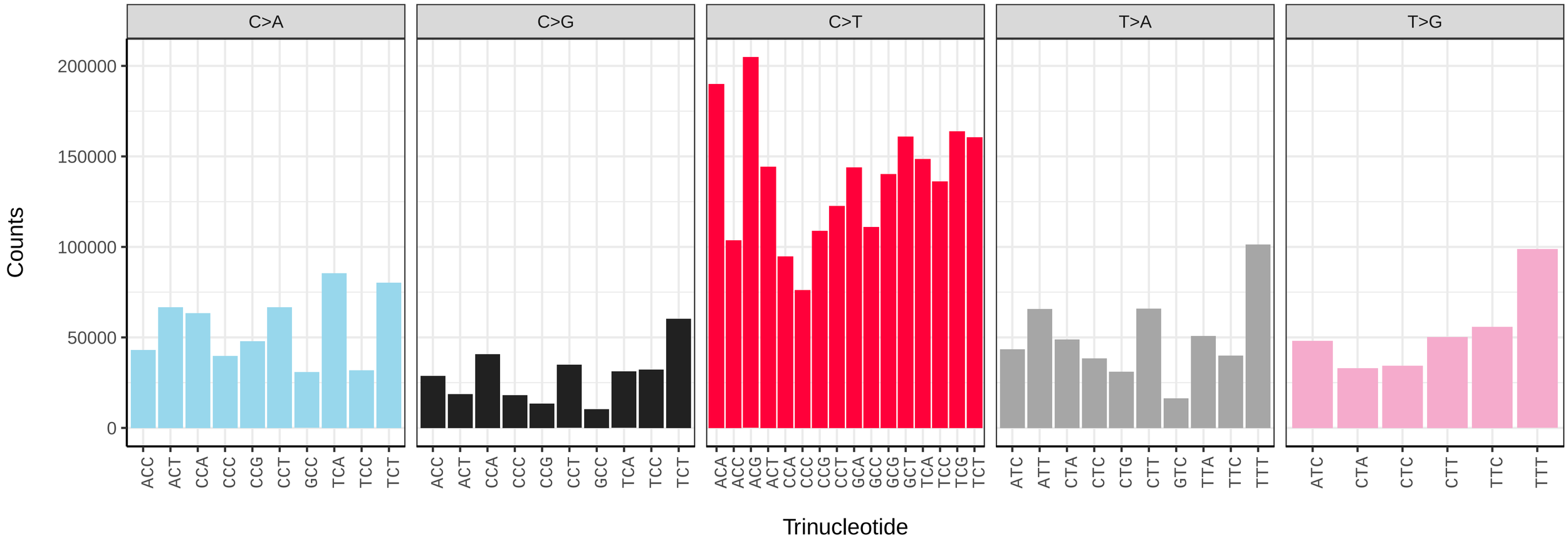
Aporrectodea icterica (wcApoIcte1) somatic mutational spectrum (SBS96 classification)



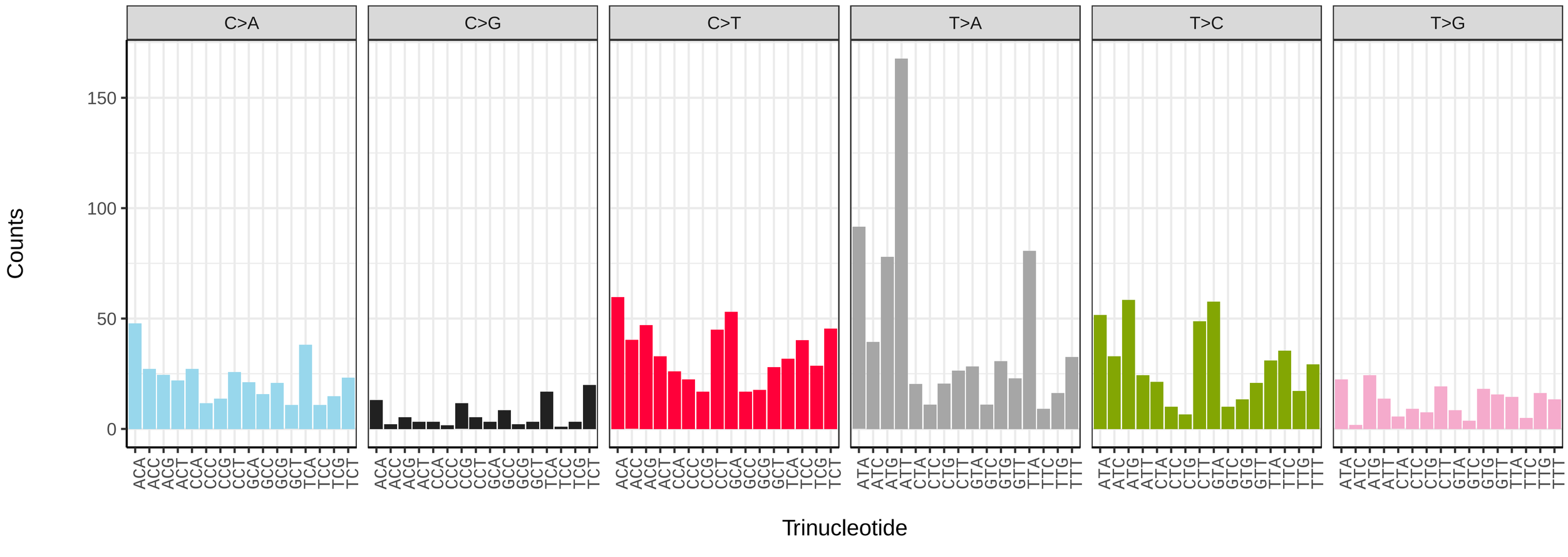
Aporrectodea icterica (wcApoIcte1) somatic mutational spectrum (SBS52 classification)



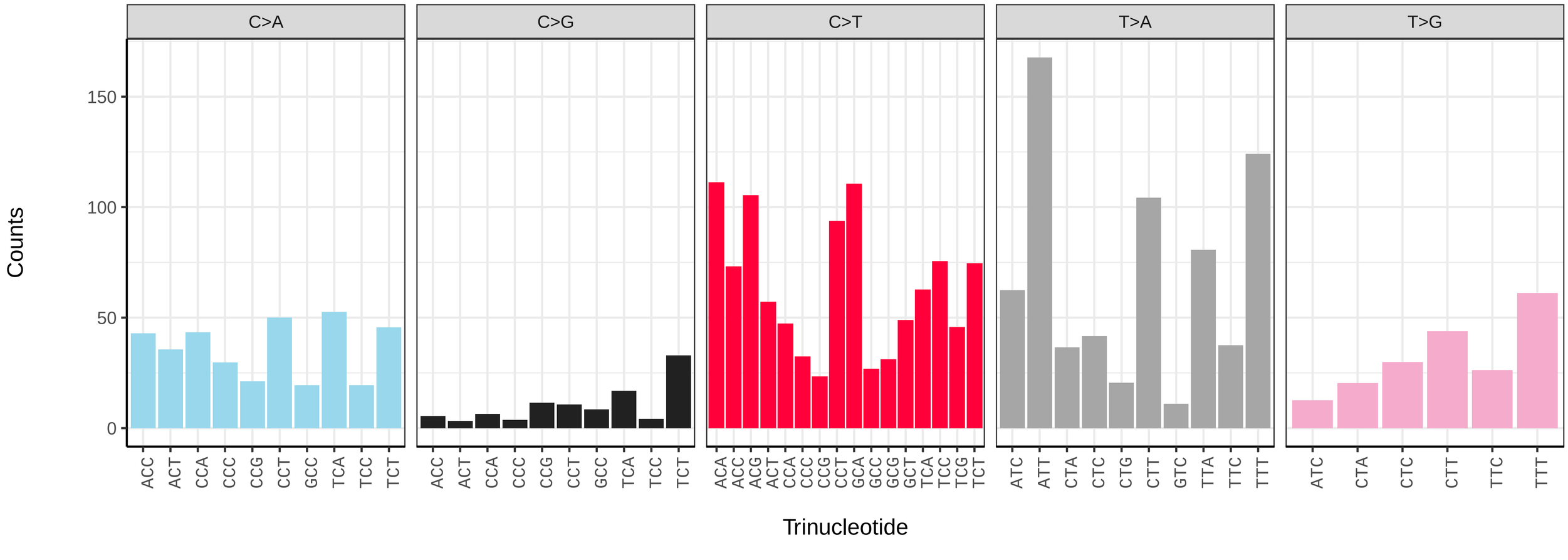
Lumbricus rubellus (wcLumRube1) germline mutational spectrum



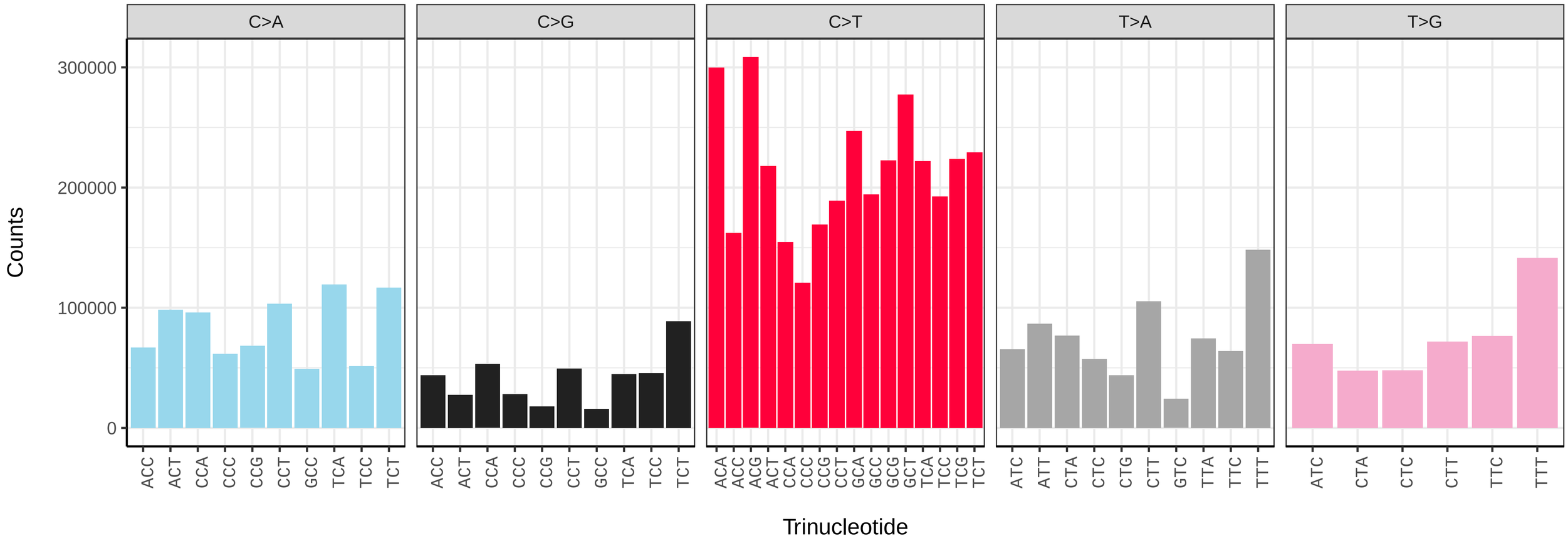
Lumbricus rubellus (wcLumRube1) somatic mutational spectrum (SBS96 classification)



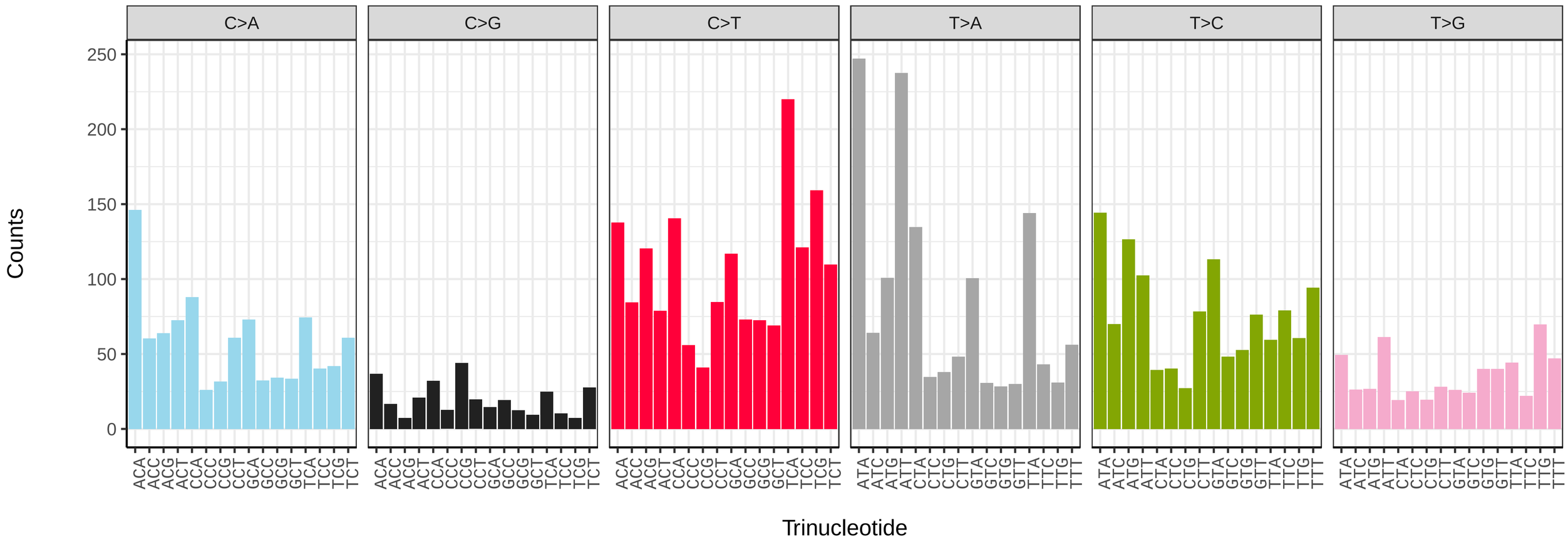
Lumbricus rubellus (wcLumRube1) somatic mutational spectrum (SBS52 classification)



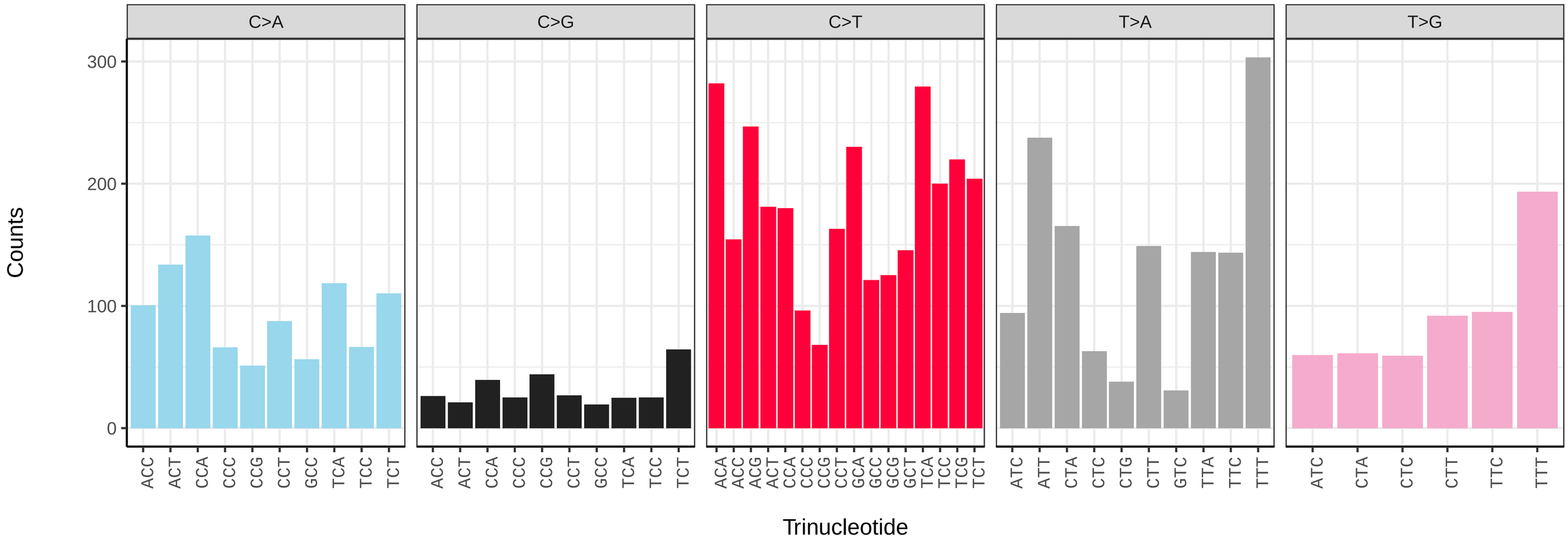
Lumbricus terrestris (wcLumTerr1) germline mutational spectrum



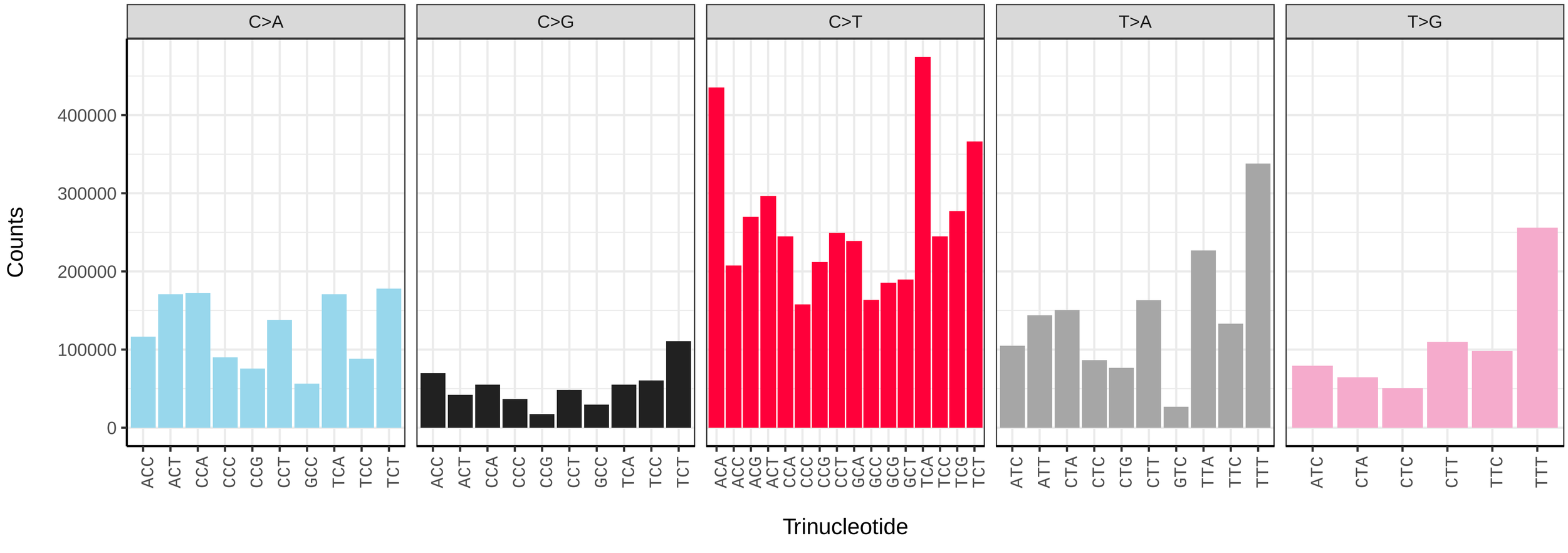
Lumbricus terrestris (wcLumTerr1) somatic mutational spectrum (SBS96 classification)



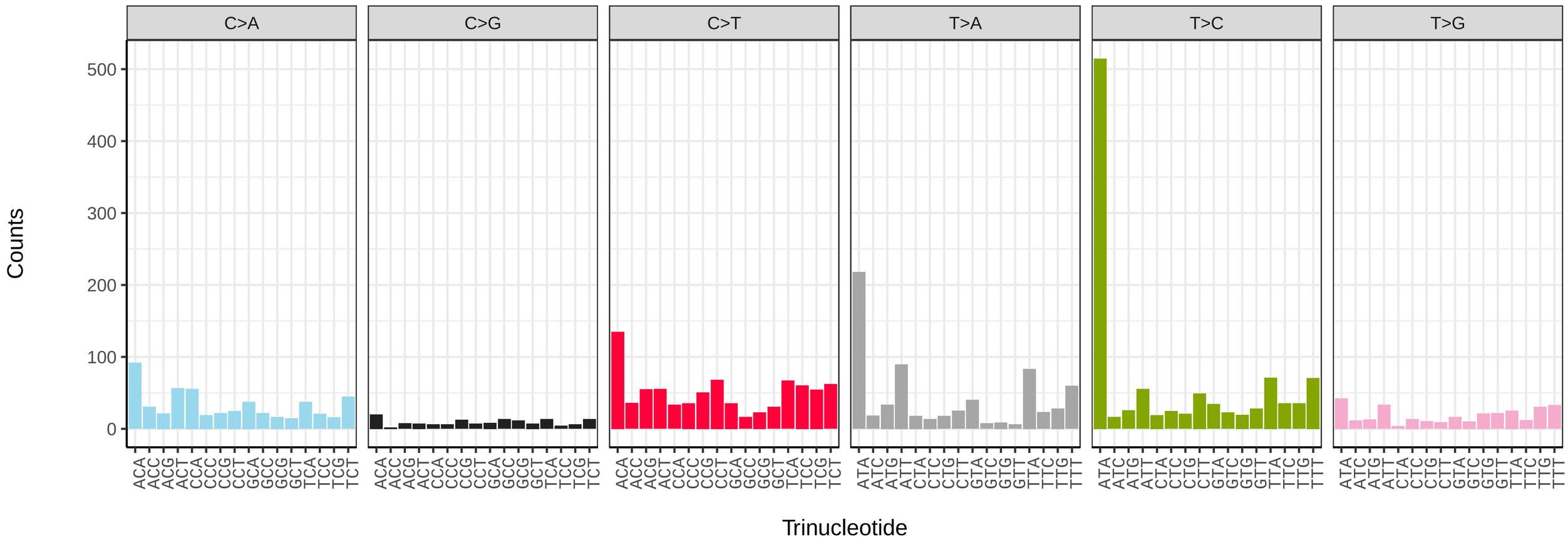
Lumbricus terrestris (wcLumTerr1) somatic mutational spectrum (SBS52 classification)



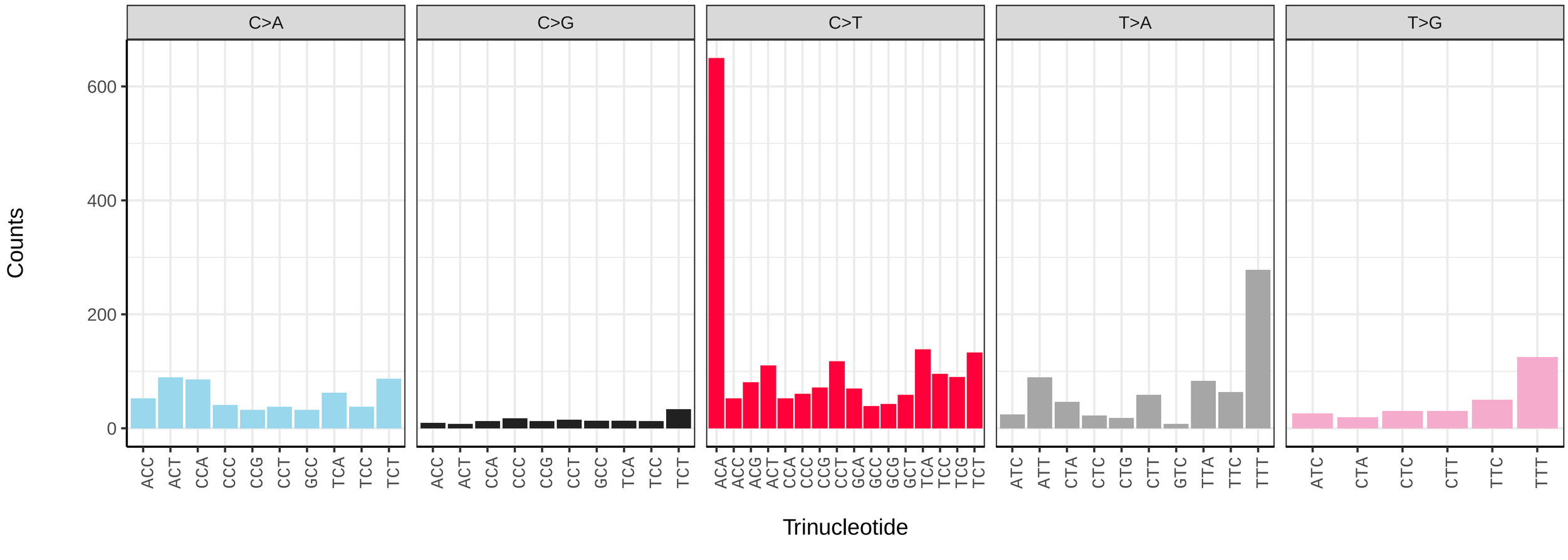
Magelona johnstoni (wdMagJohn1) germline mutational spectrum



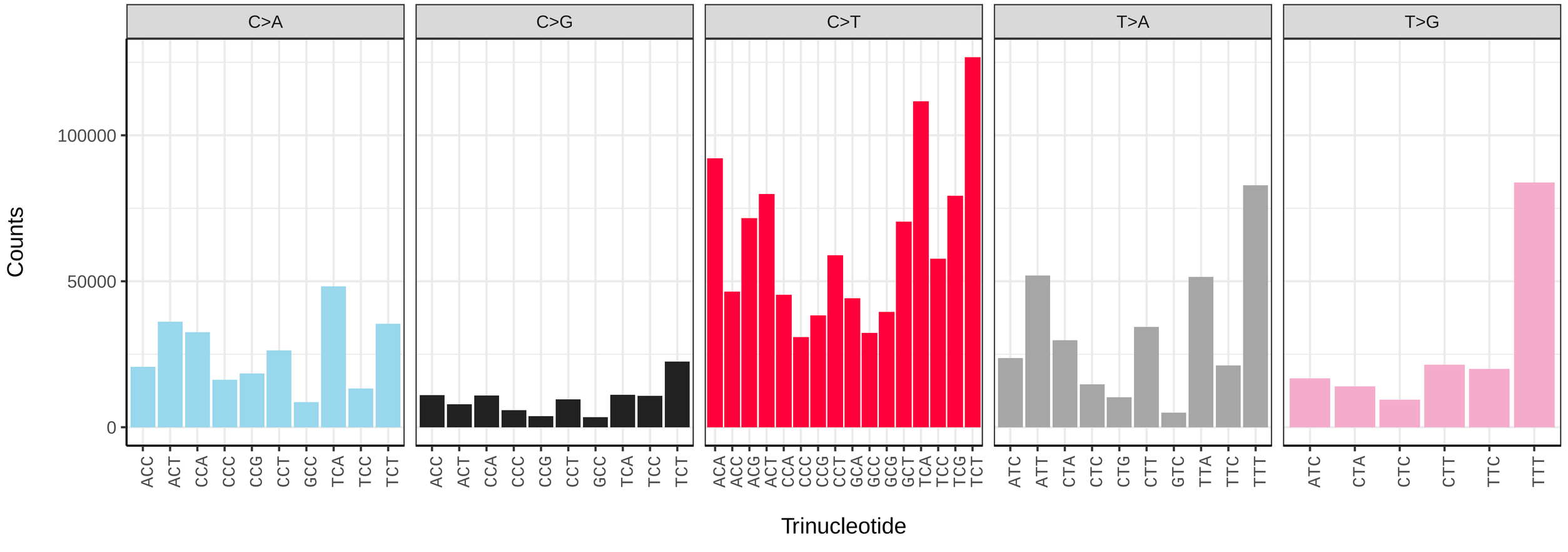
Magelona johnstoni (wdMagJohn1) somatic mutational spectrum (SBS96 classification)



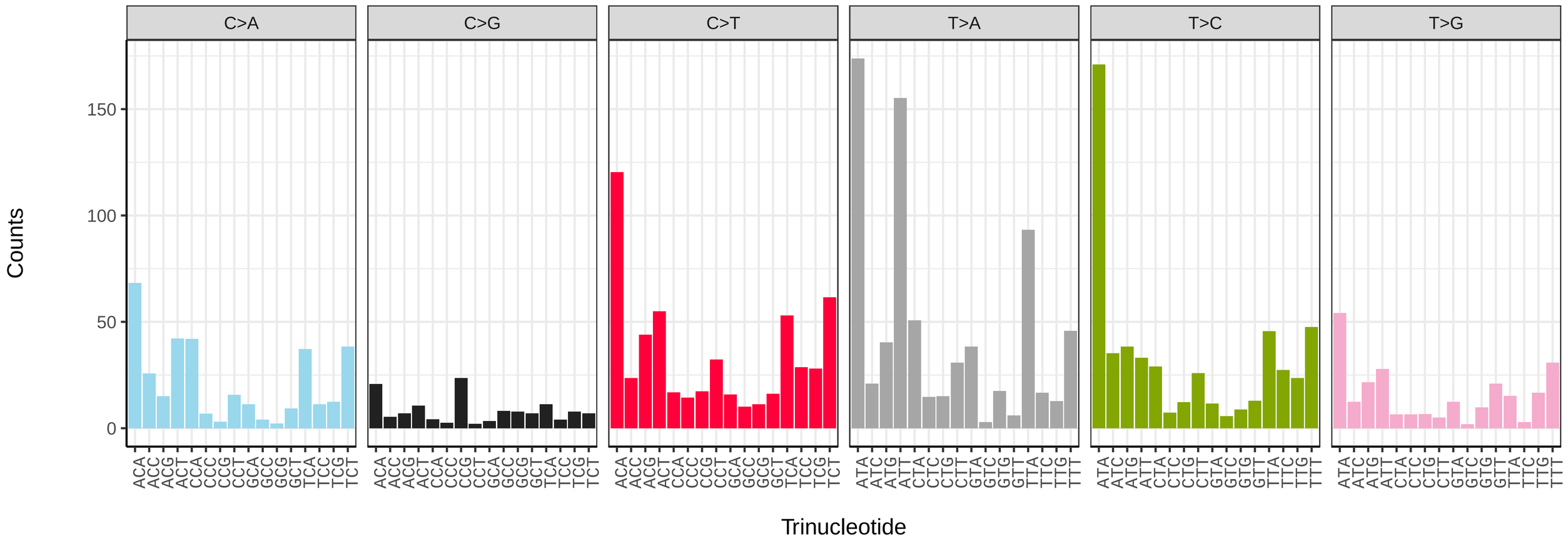
Magelona johnstoni (wdMagJohn1) somatic mutational spectrum (SBS52 classification)



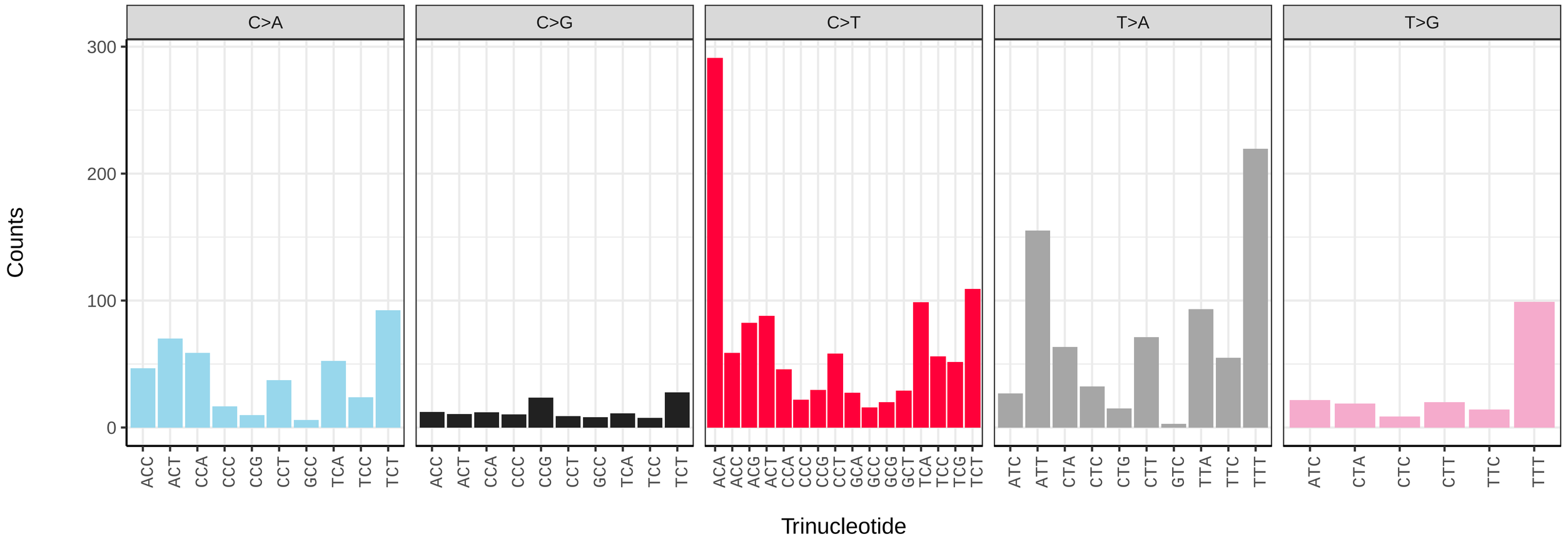
Erpobdella octoculata (wkErpOcto2) germline mutational spectrum



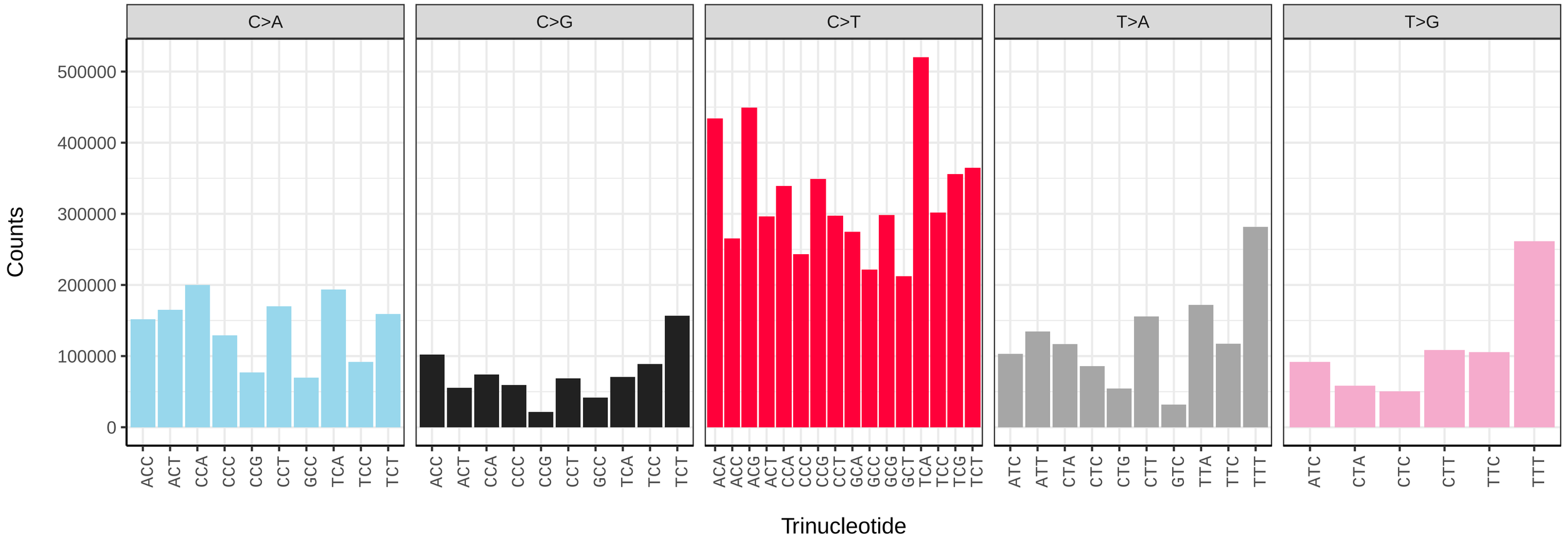
Erpobdella octoculata (wkErpOcto2) somatic mutational spectrum (SBS96 classification)



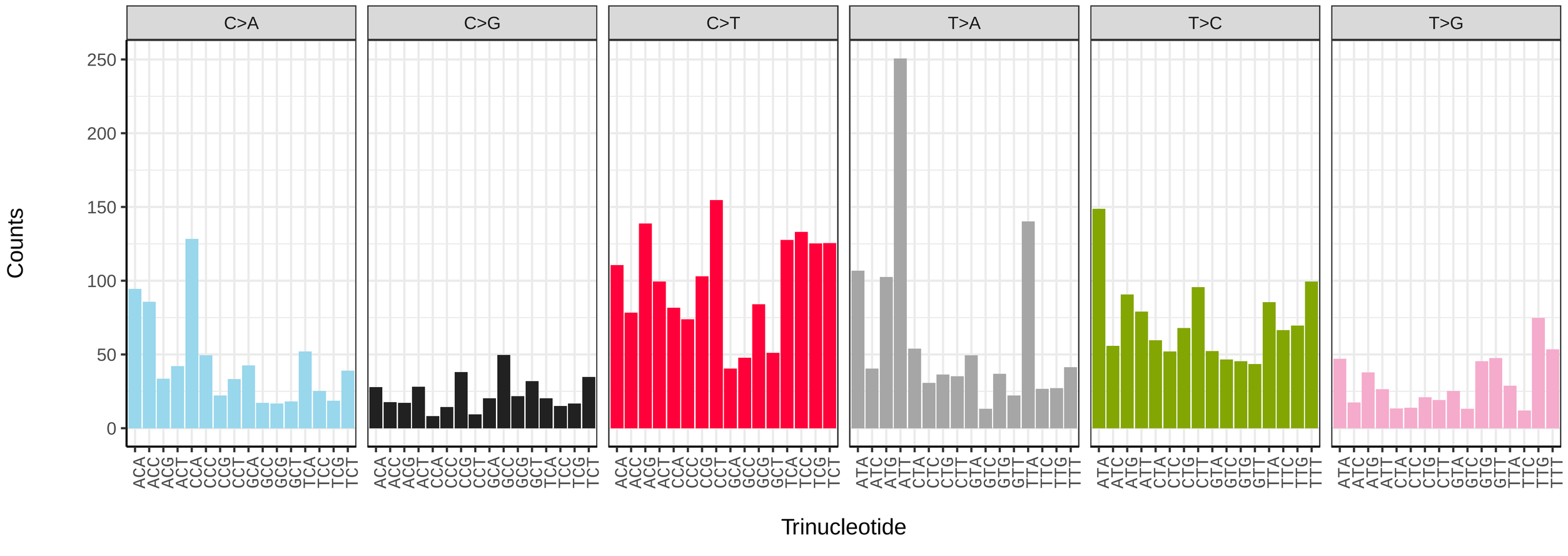
Erpobdella octoculata (wkErpOcto2) somatic mutational spectrum (SBS52 classification)



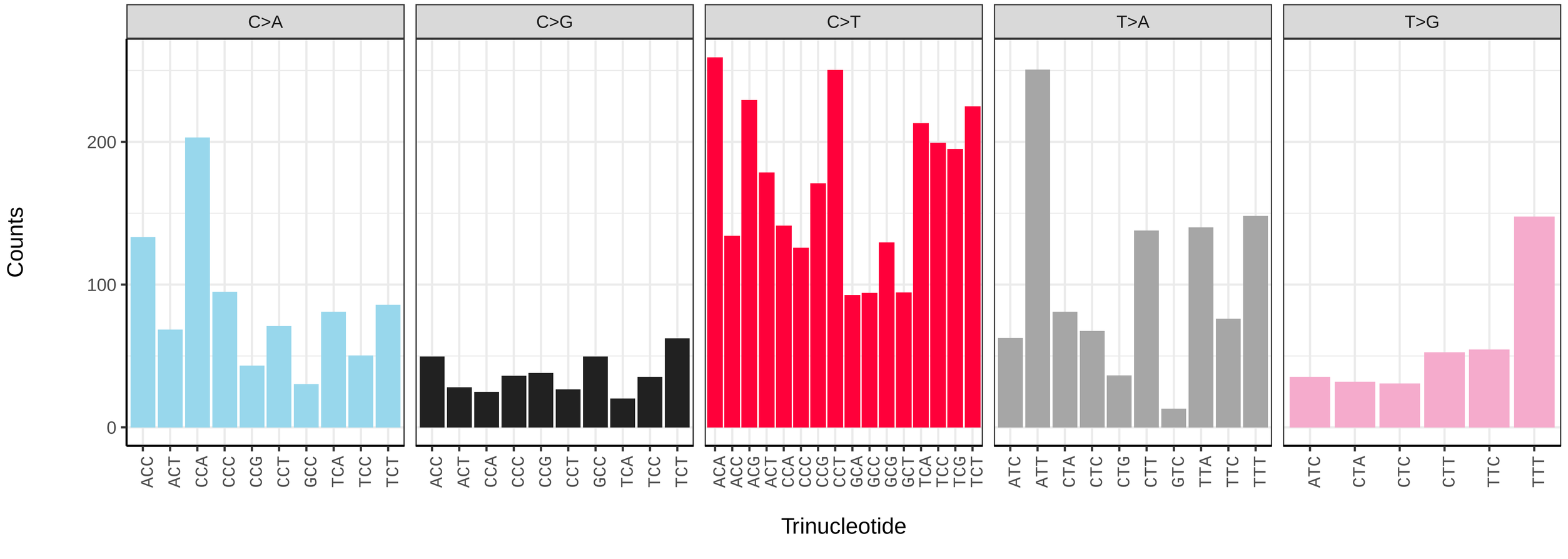
Acholoe squamosa (wpAchSqua1) germline mutational spectrum



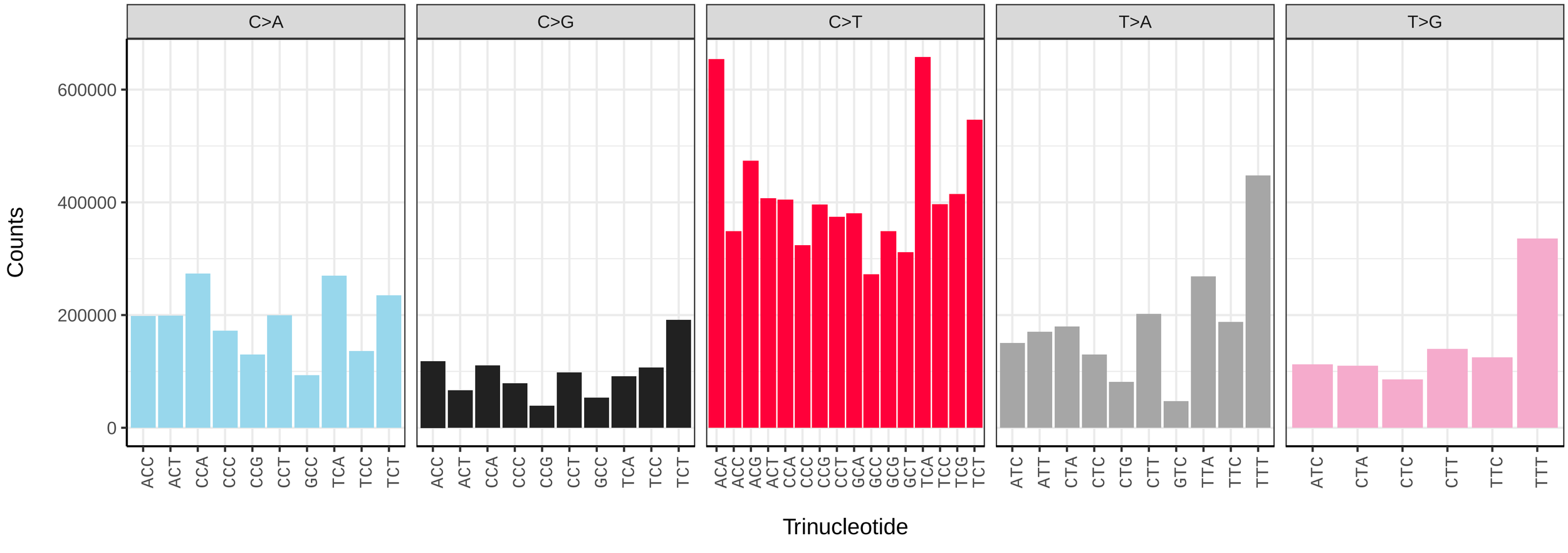
Acholoe squamosa (wpAchSqua1) somatic mutational spectrum (SBS96 classification)



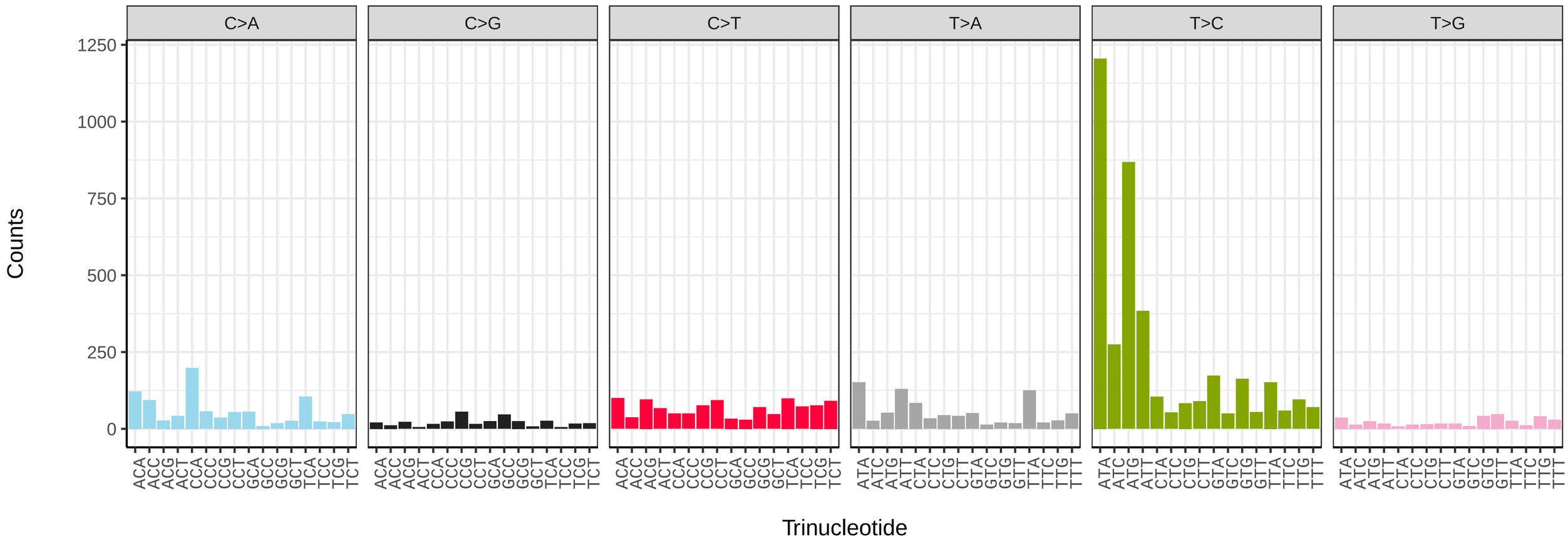
Acholoe squamosa (wpAchSqua1) somatic mutational spectrum (SBS52 classification)



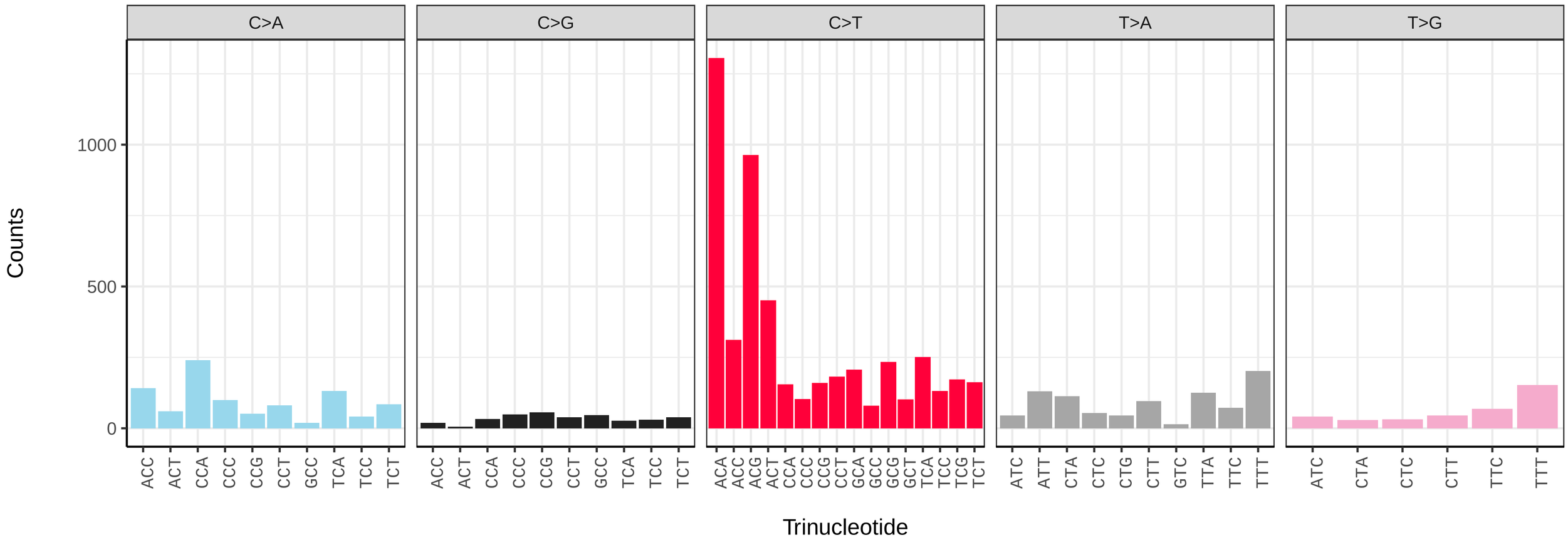
Alentia gelatinosa (wpAleGela1) germline mutational spectrum



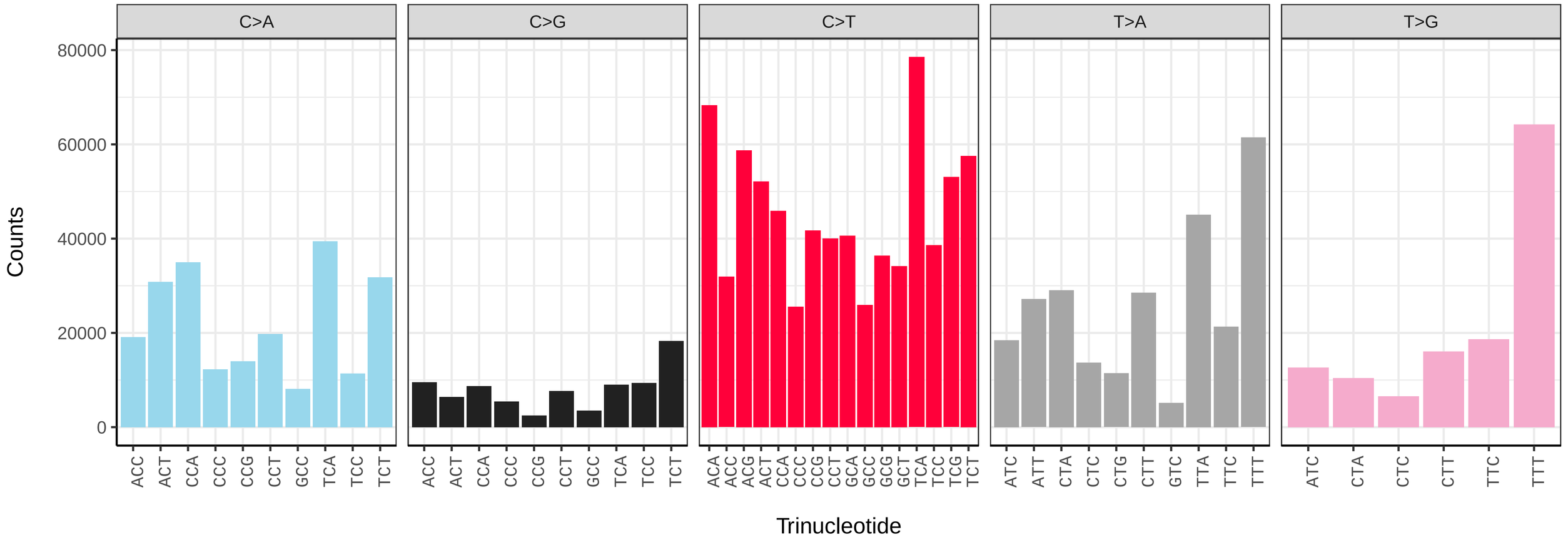
Alentia gelatinosa (wpAleGela1) somatic mutational spectrum (SBS96 classification)



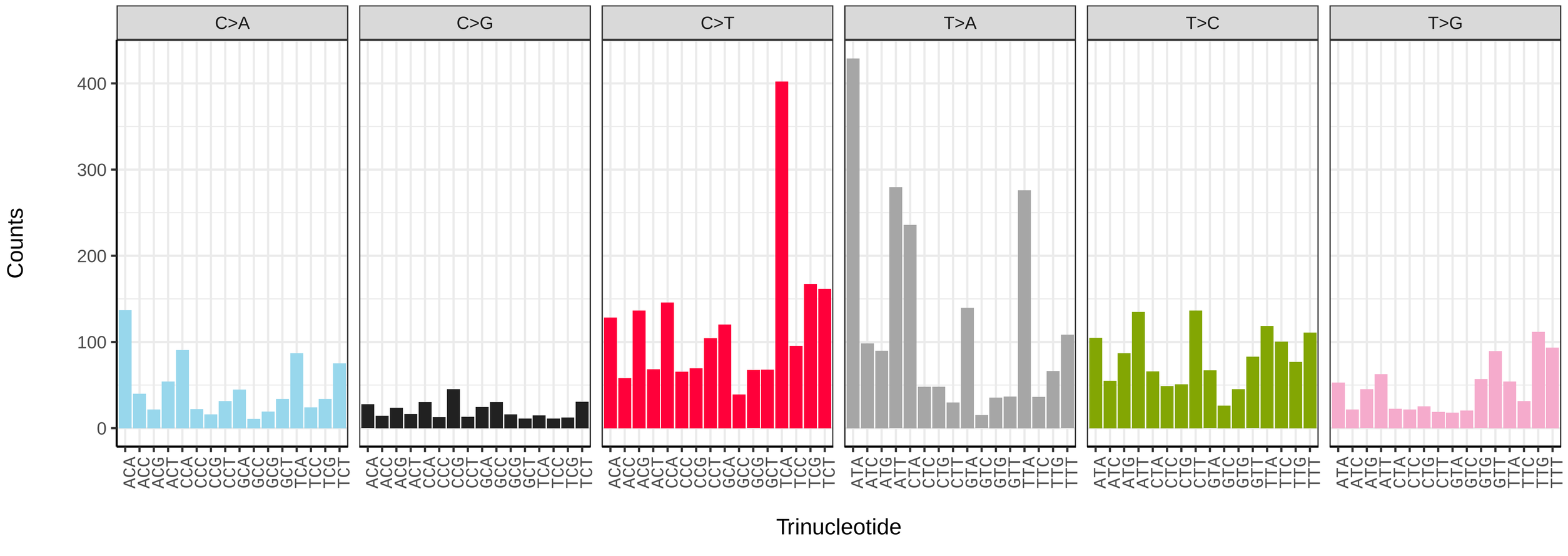
Alentia gelatinosa (wpAleGela1) somatic mutational spectrum (SBS52 classification)



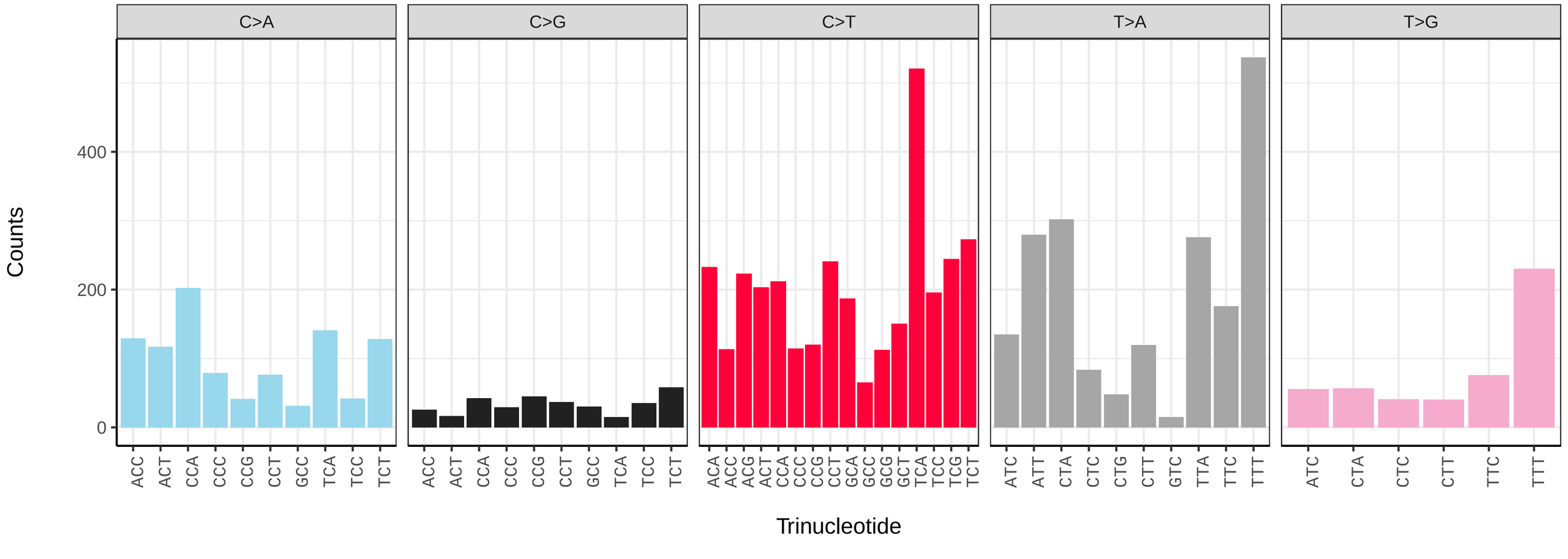
Alitta virens (wpAliVire1) germline mutational spectrum



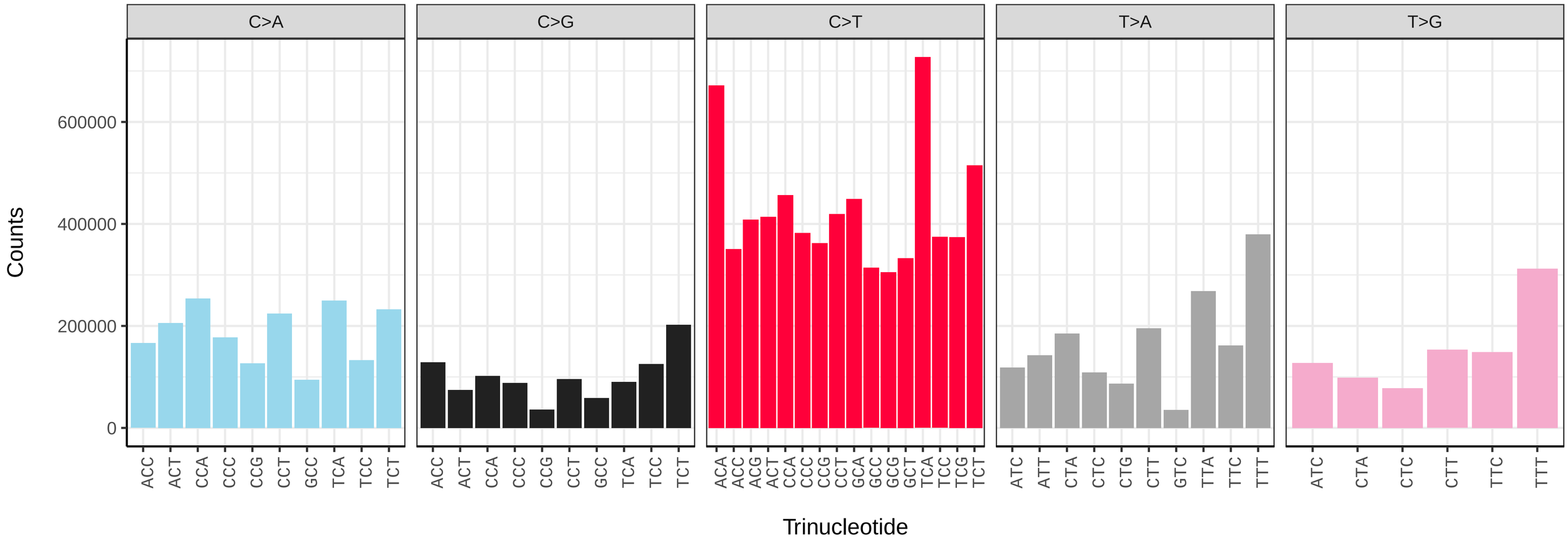
Alitta virens (wpAliVire1) somatic mutational spectrum (SBS96 classification)



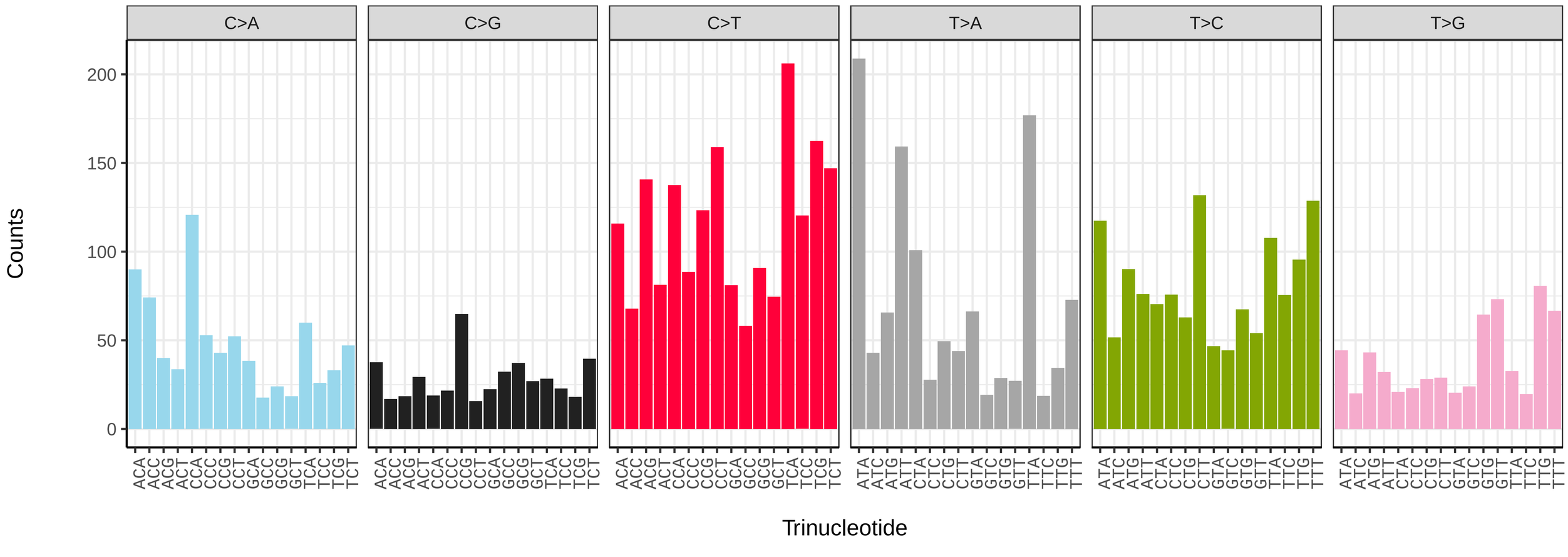
Alitta virens (wpAliVire1) somatic mutational spectrum (SBS52 classification)



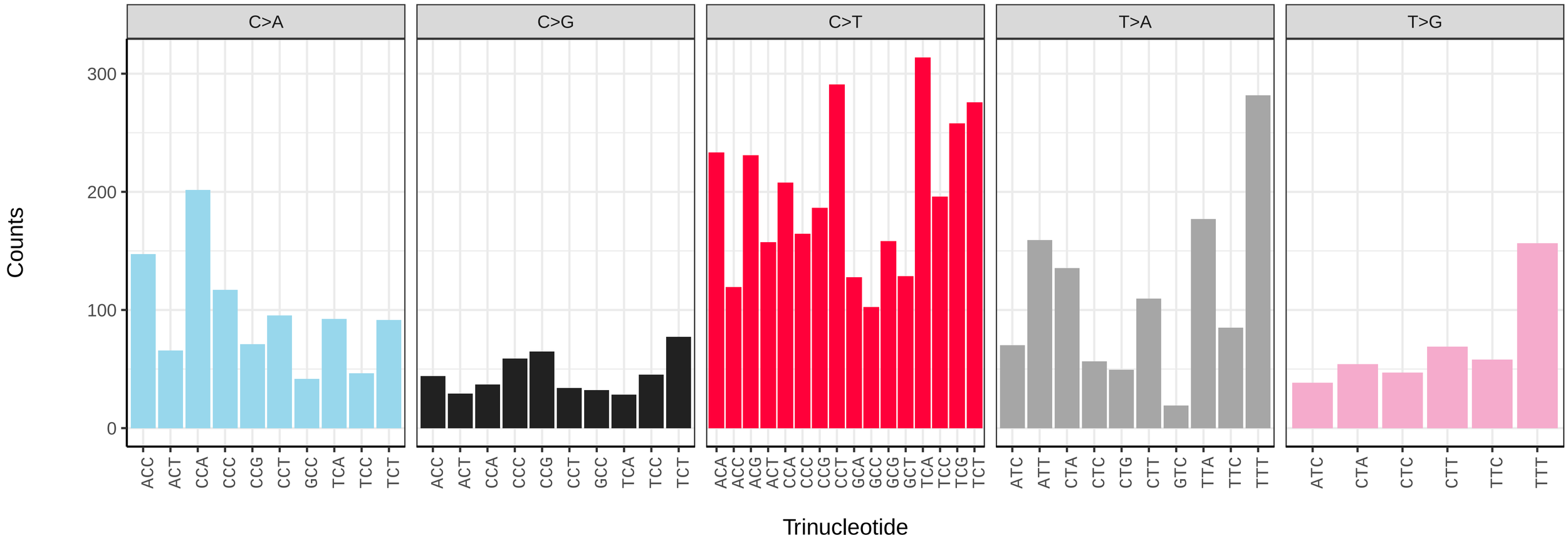
Harmothoe impar (wpHarImpa5) germline mutational spectrum



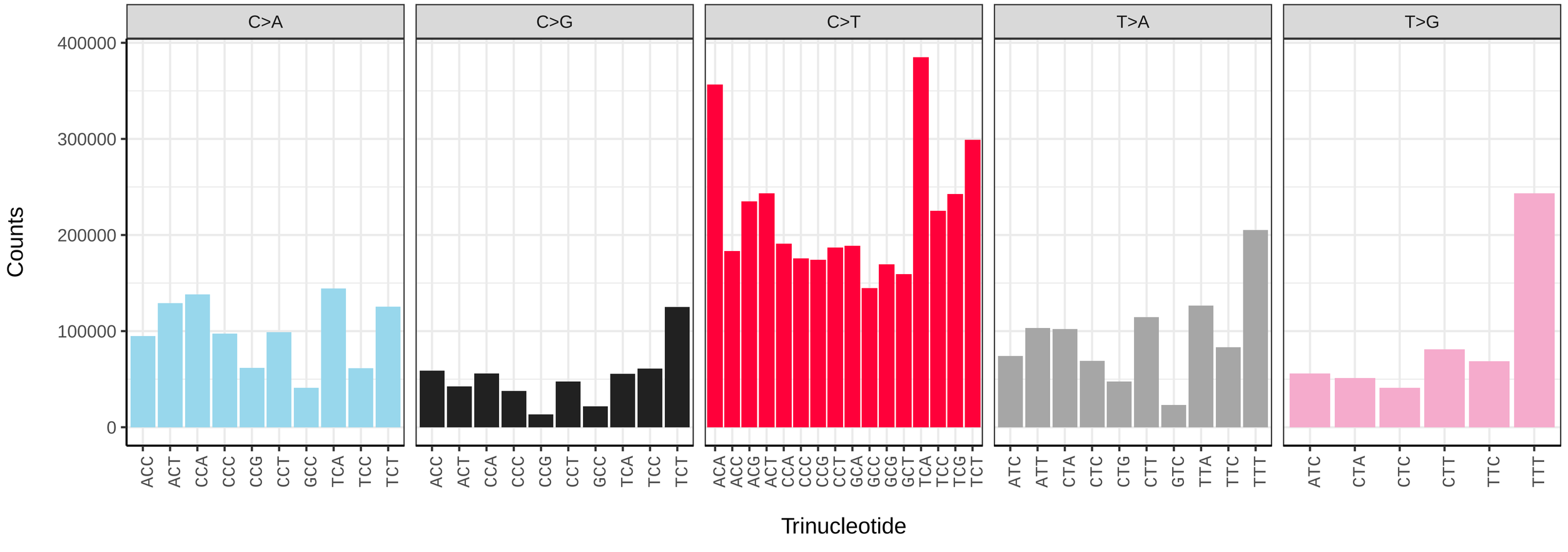
Harmothoe impar (wpHarImpa5) somatic mutational spectrum (SBS96 classification)



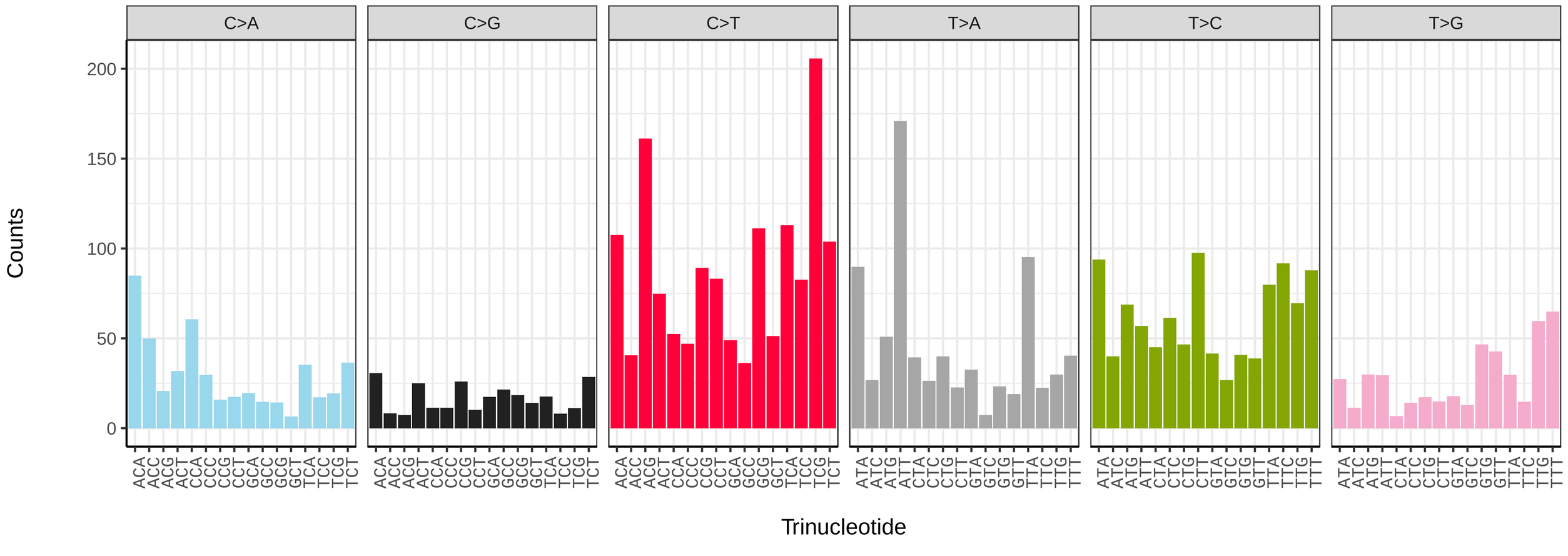
Harmothoe impar (wpHarImpa5) somatic mutational spectrum (SBS52 classification)



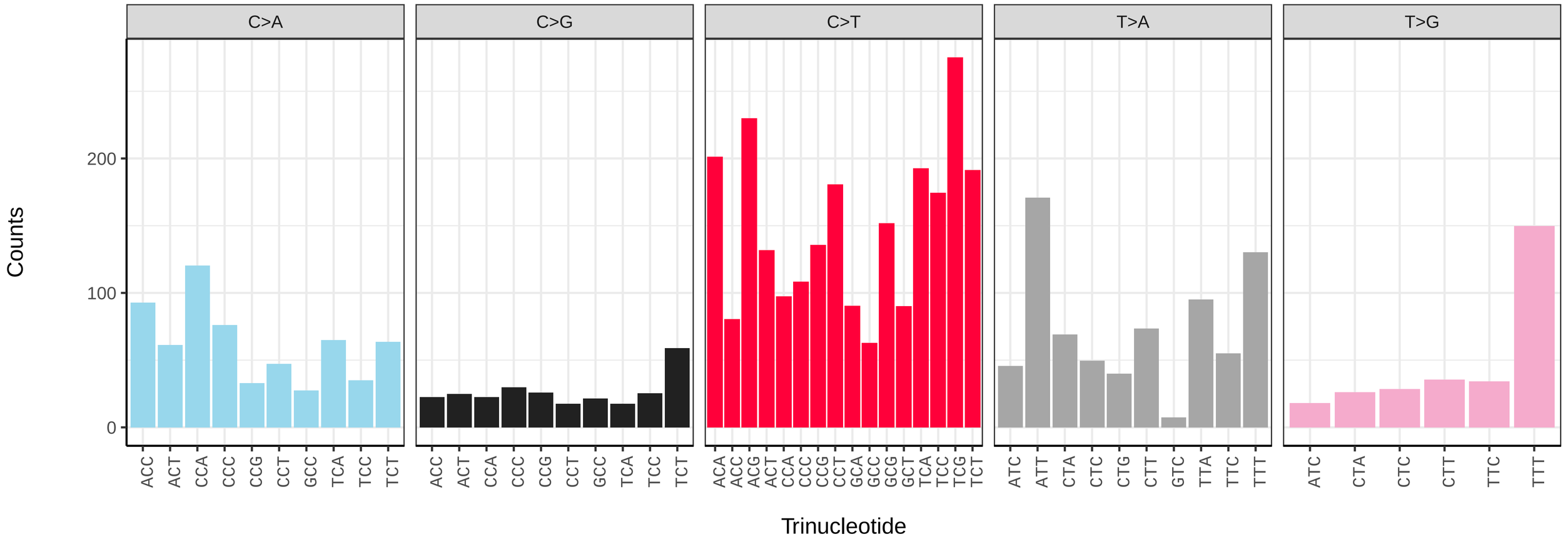
Sthenelais limicola (wpSthLimi1) germline mutational spectrum



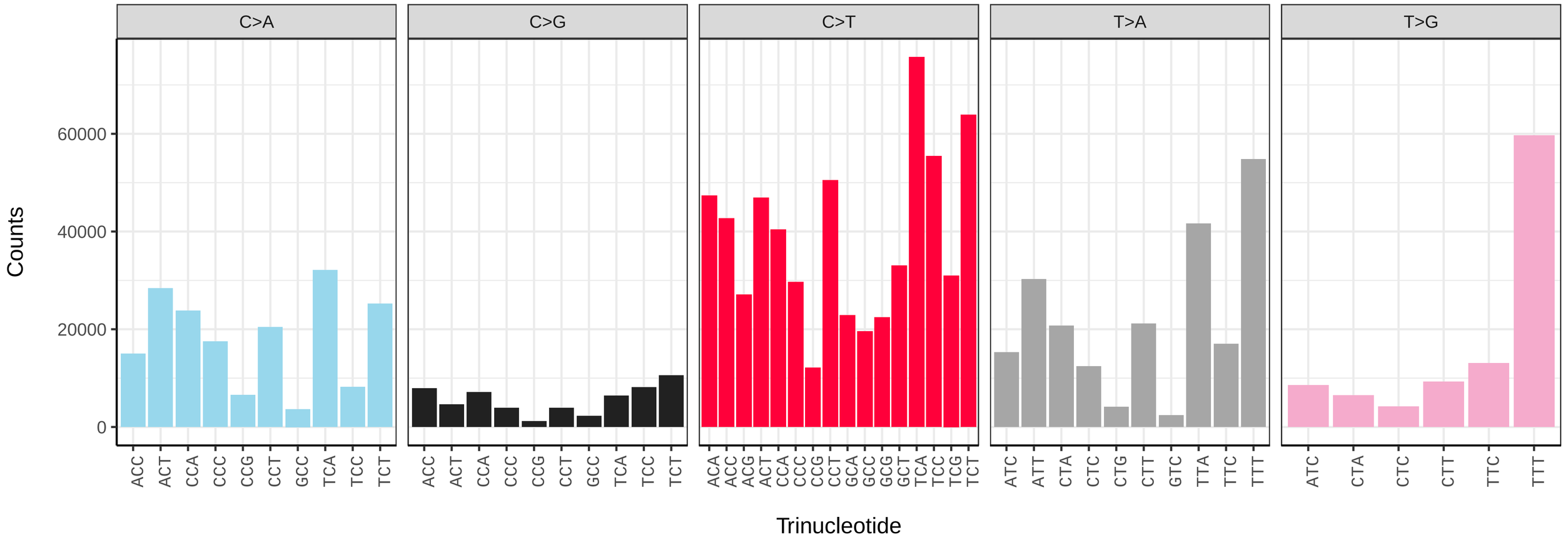
Sthenelais limicola (wpSthLimi1) somatic mutational spectrum (SBS96 classification)



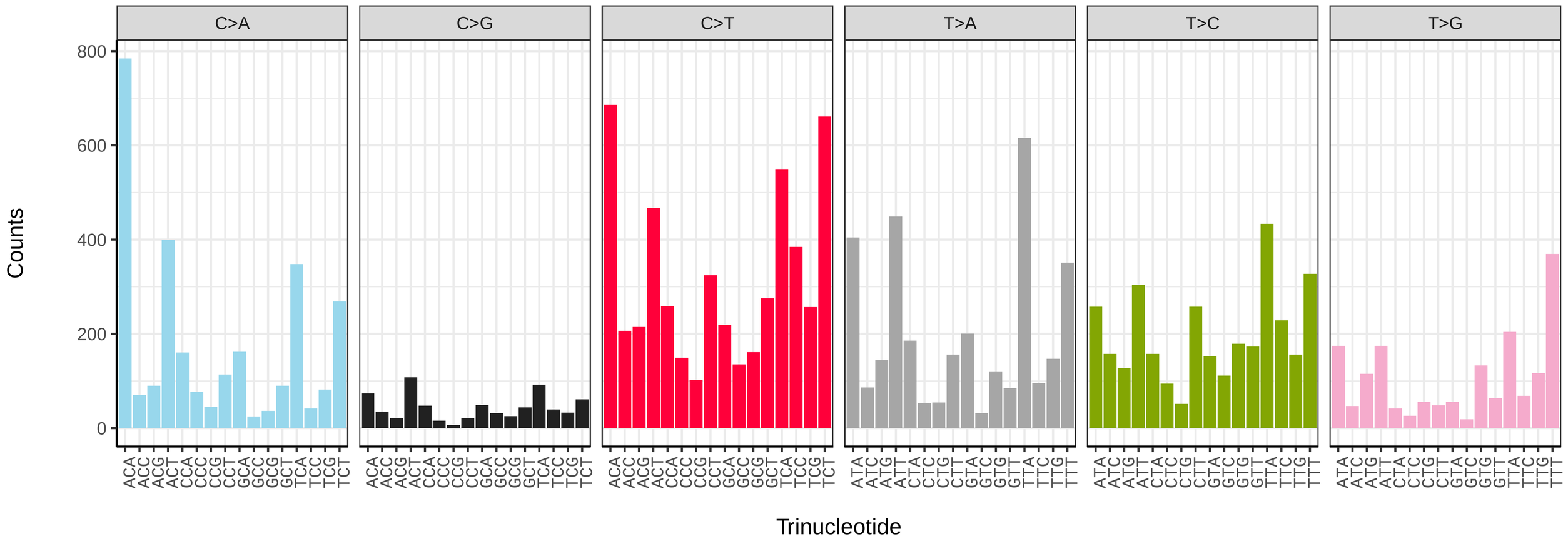
Sthenelais limicola (wpSthLimi1) somatic mutational spectrum (SBS52 classification)



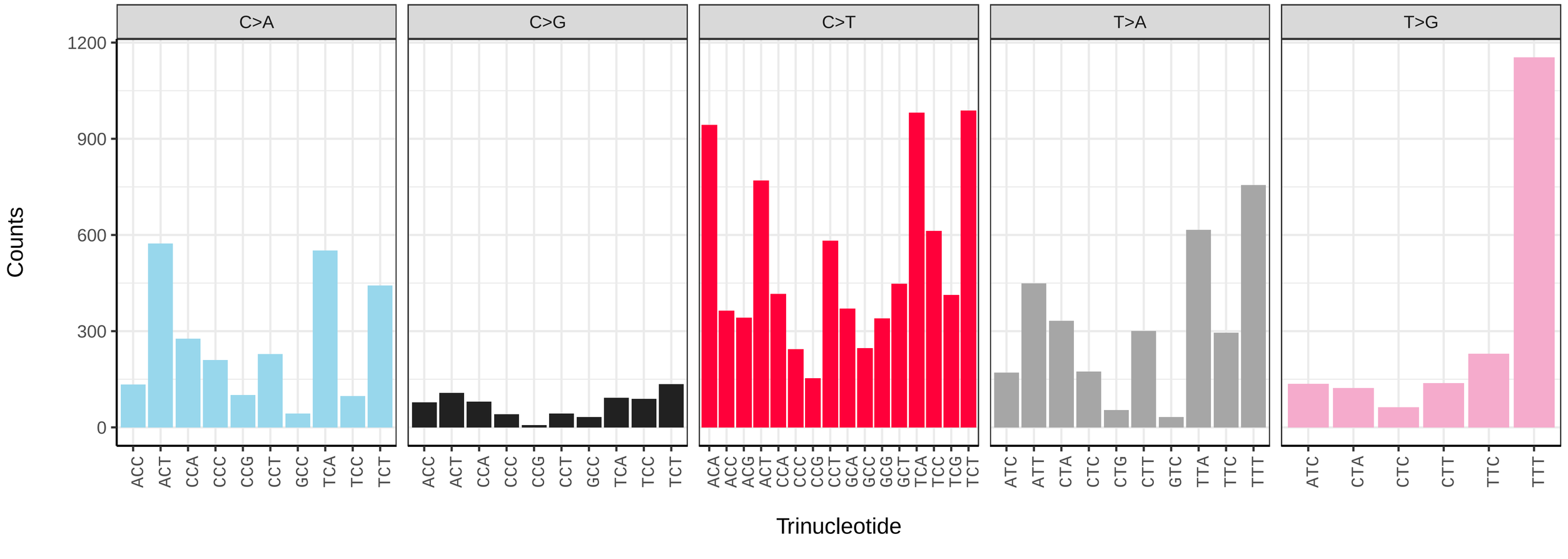
Piscicola geometra (wrPisGeom1) germline mutational spectrum



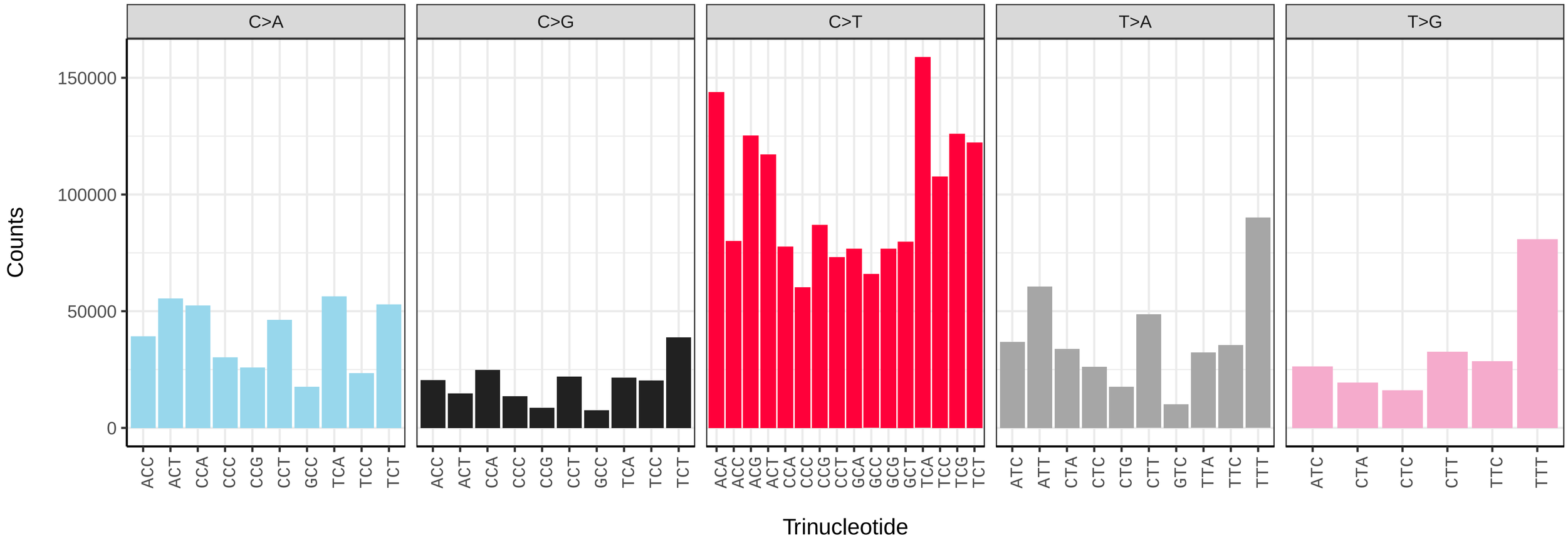
Piscicola geometra (wrPisGeom1) somatic mutational spectrum (SBS96 classification)



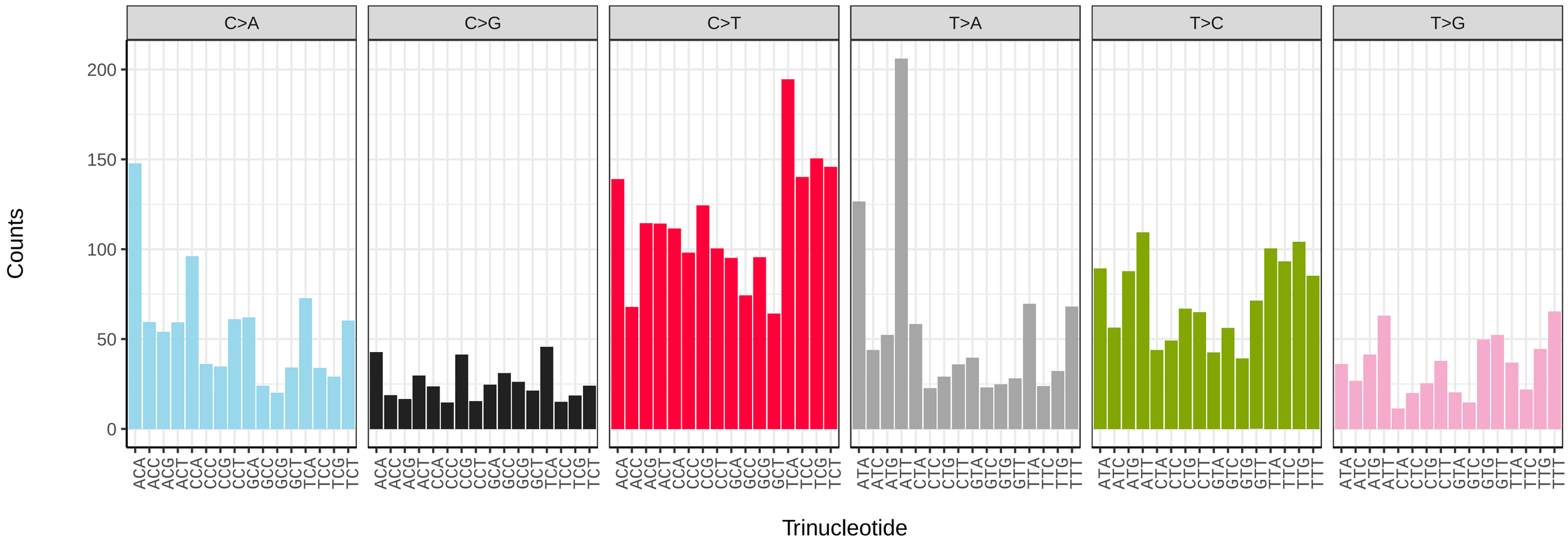
Piscicola geometra (wrPisGeom1) somatic mutational spectrum (SBS52 classification)



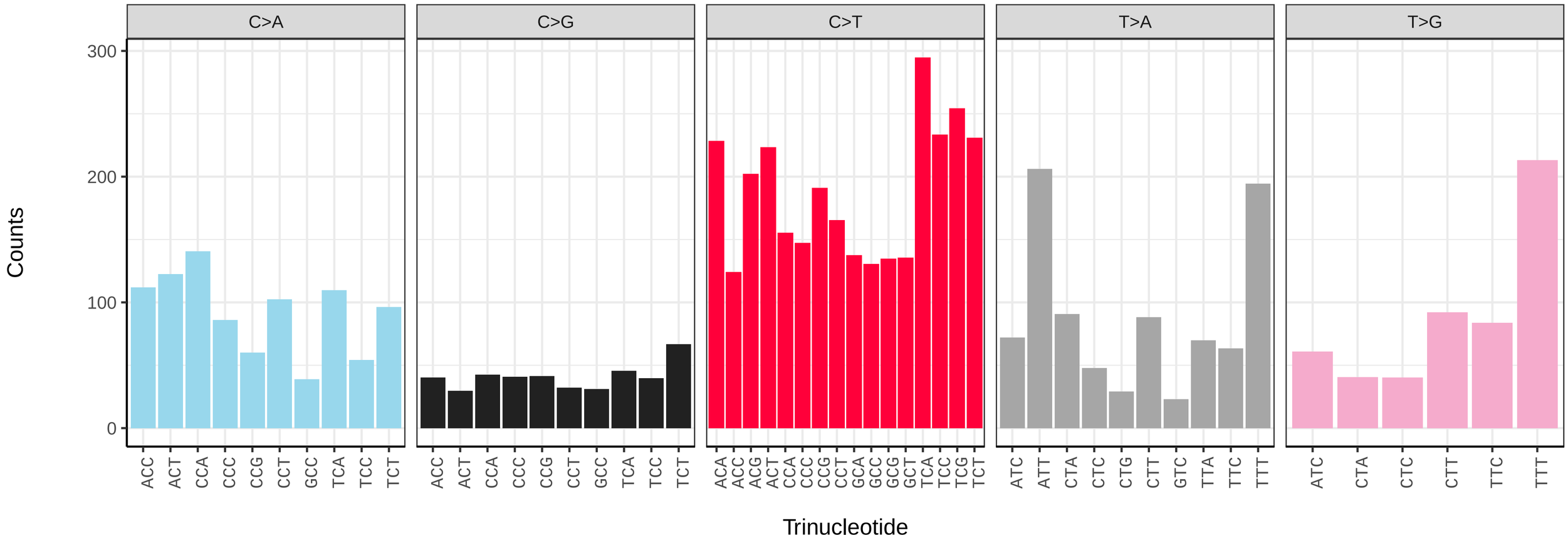
Terebella lapidaria (wtTerLapi1) germline mutational spectrum



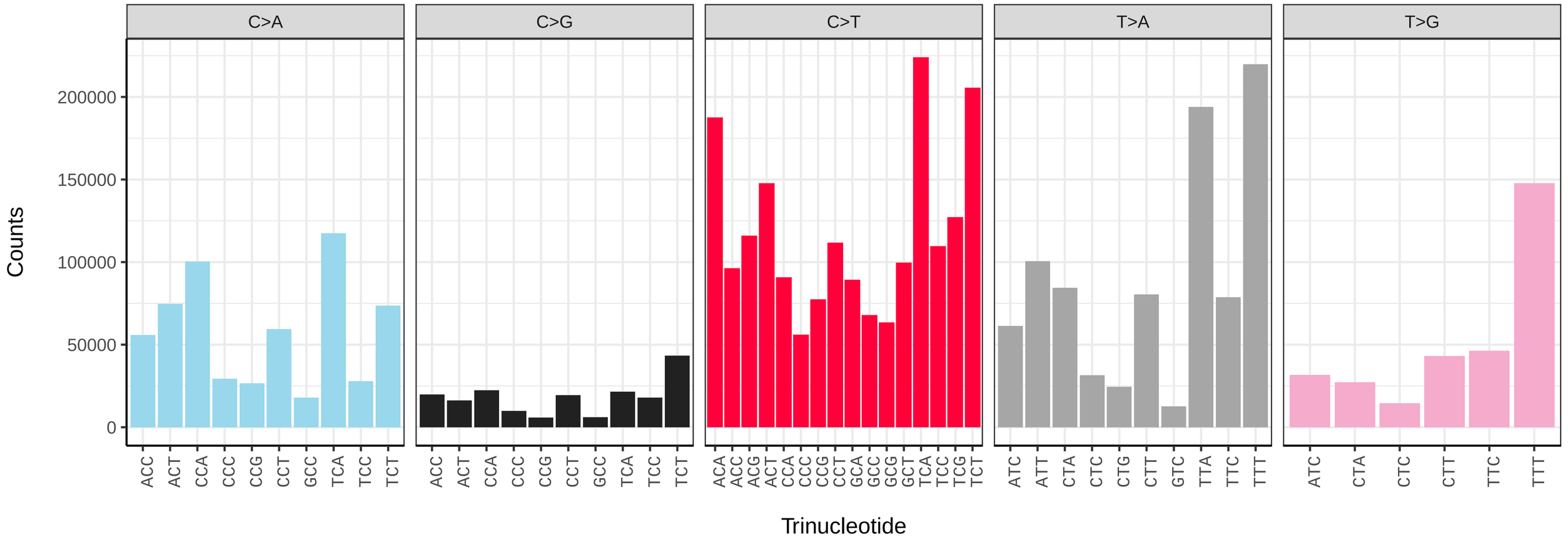
Terebella lapidaria (wtTerLapi1) somatic mutational spectrum (SBS96 classification)



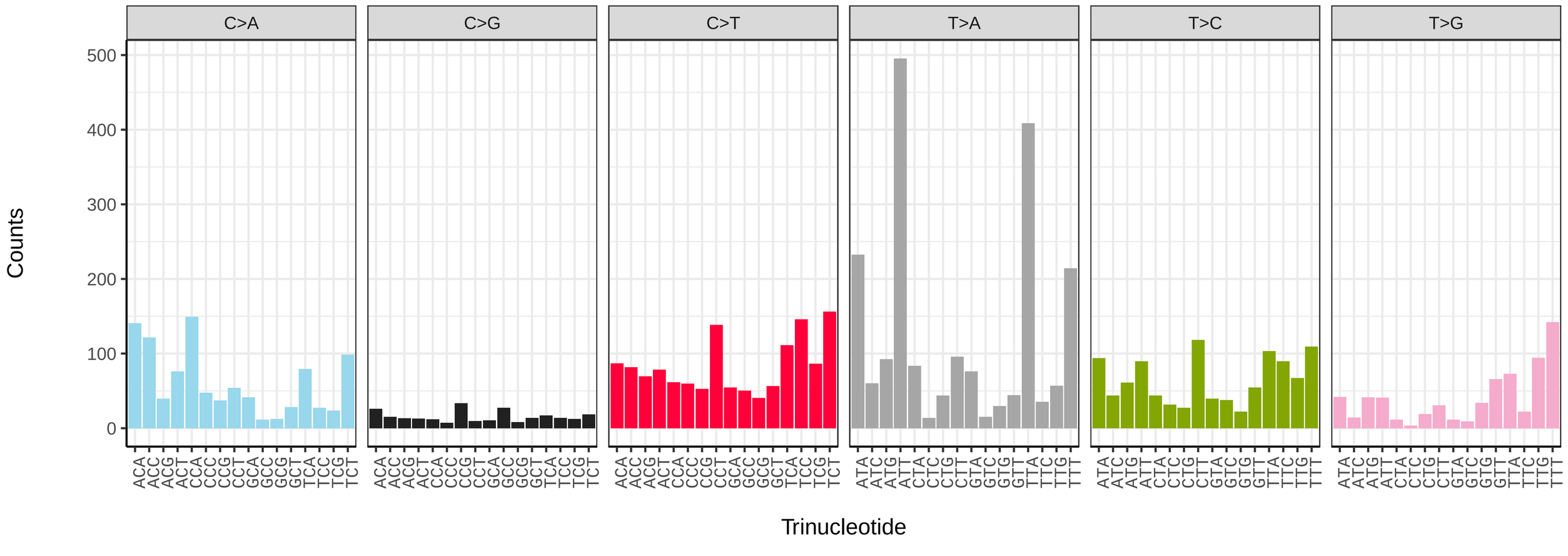
Terebella lapidaria (wtTerLapi1) somatic mutational spectrum (SBS52 classification)



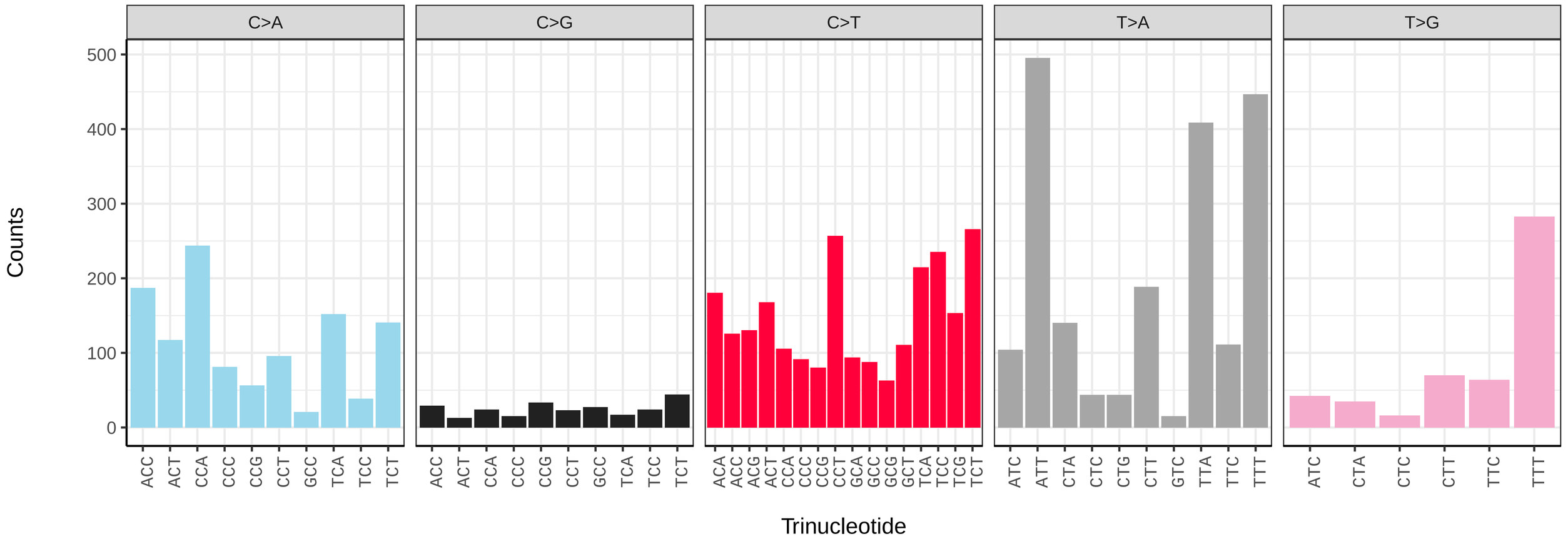
Arcuatula senhousia (xbArcSenh1) germline mutational spectrum



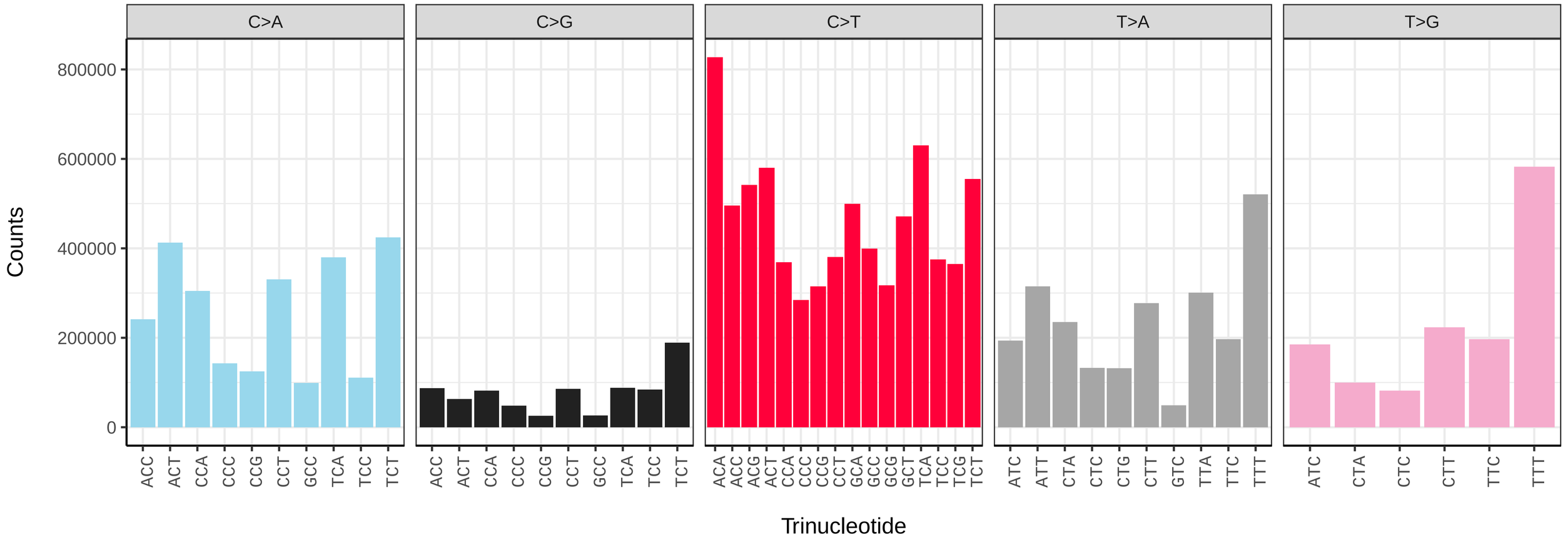
Arcuatula senhousia (xbArcSenh1) somatic mutational spectrum (SBS96 classification)



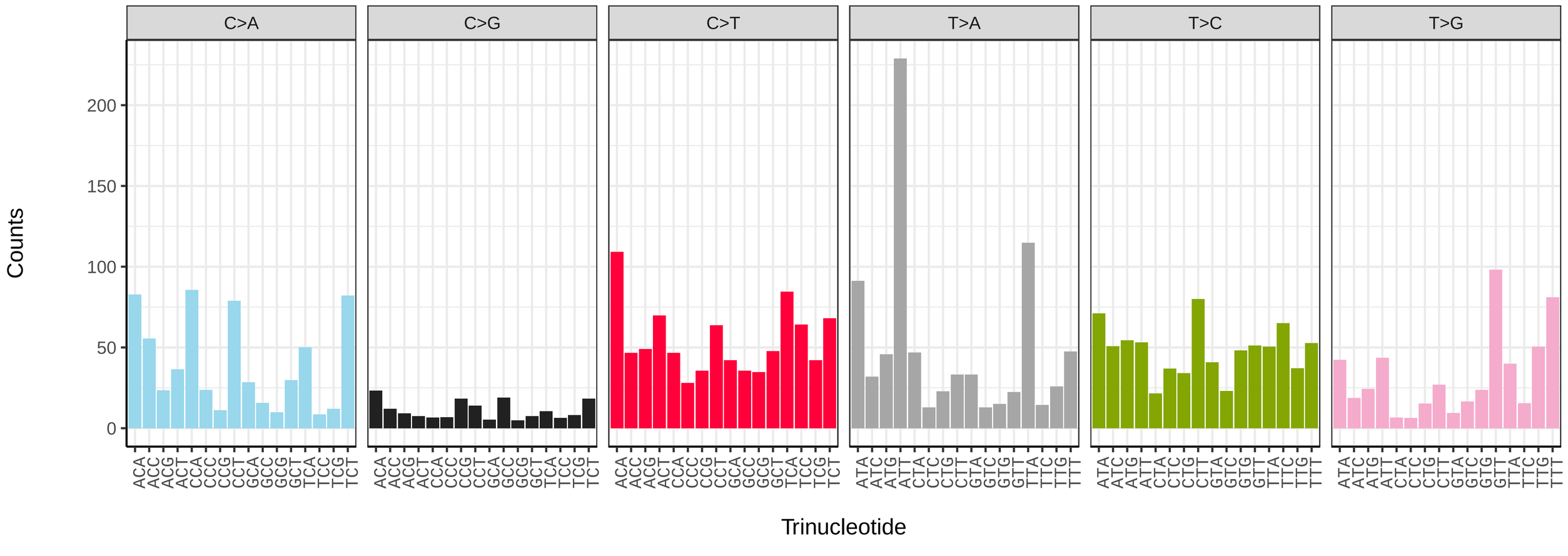
Arcuatula senhousia (xbArcSenh1) somatic mutational spectrum (SBS52 classification)



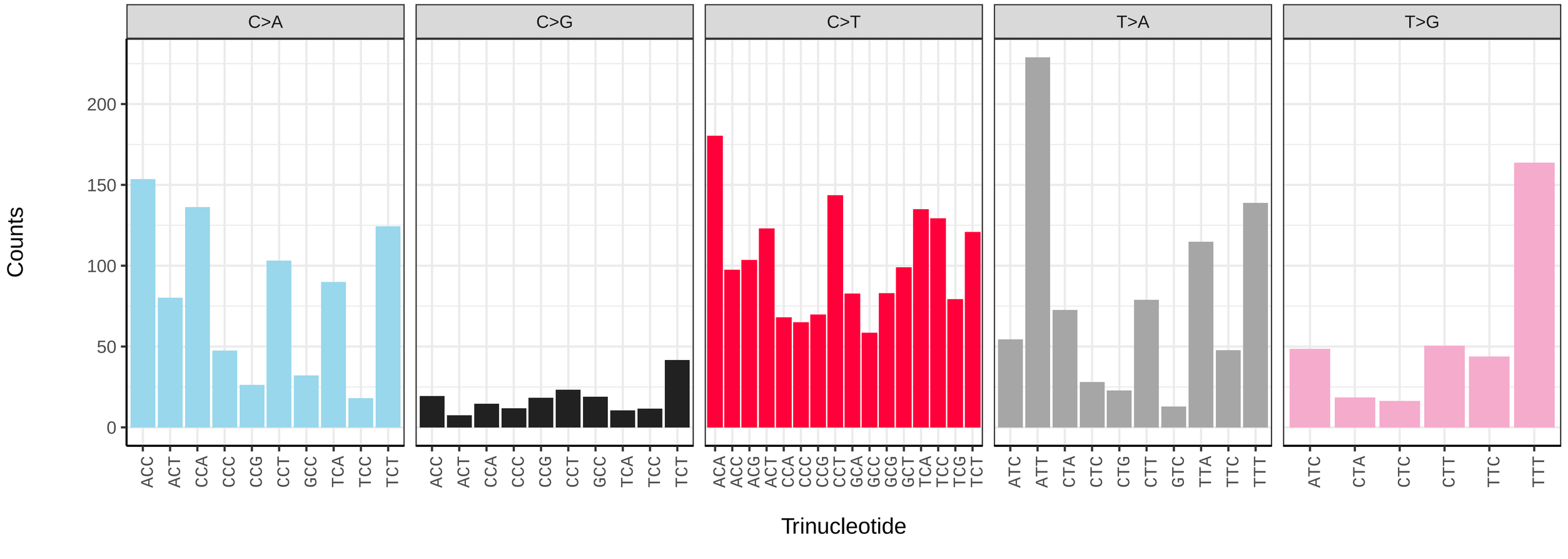
Azorinus chamasolen (xbAzoCham1) germline mutational spectrum



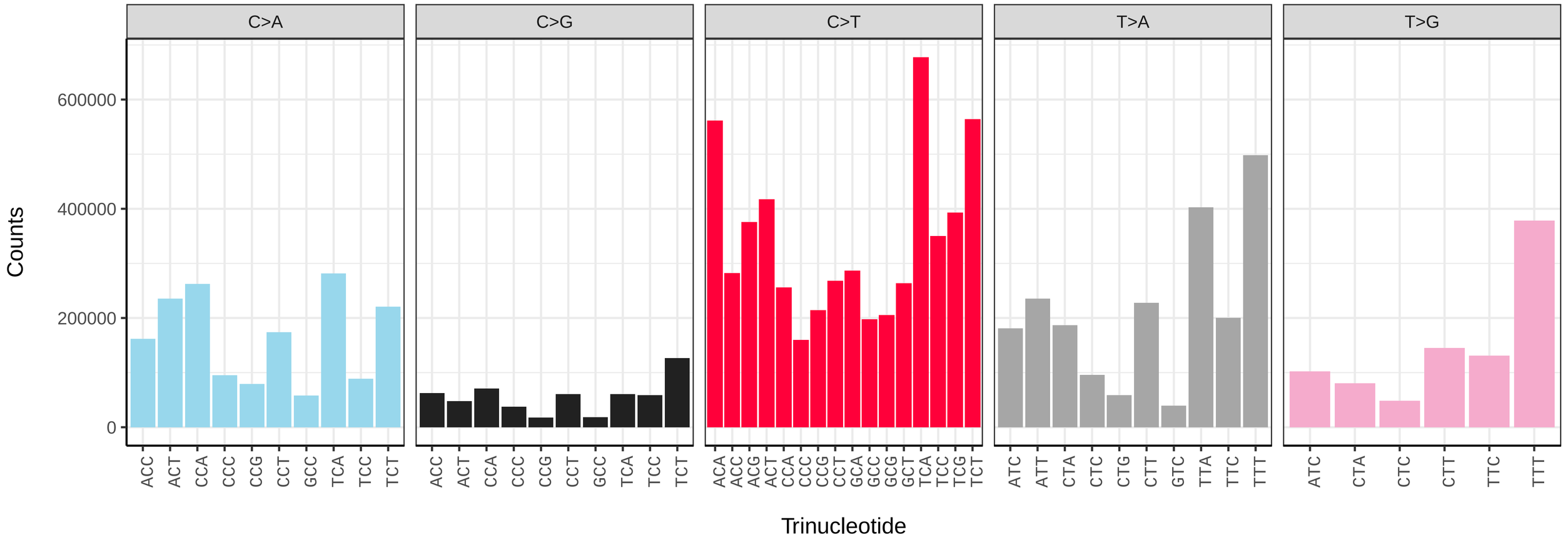
Azorinus chamasolen (xbAzoCham1) somatic mutational spectrum (SBS96 classification)



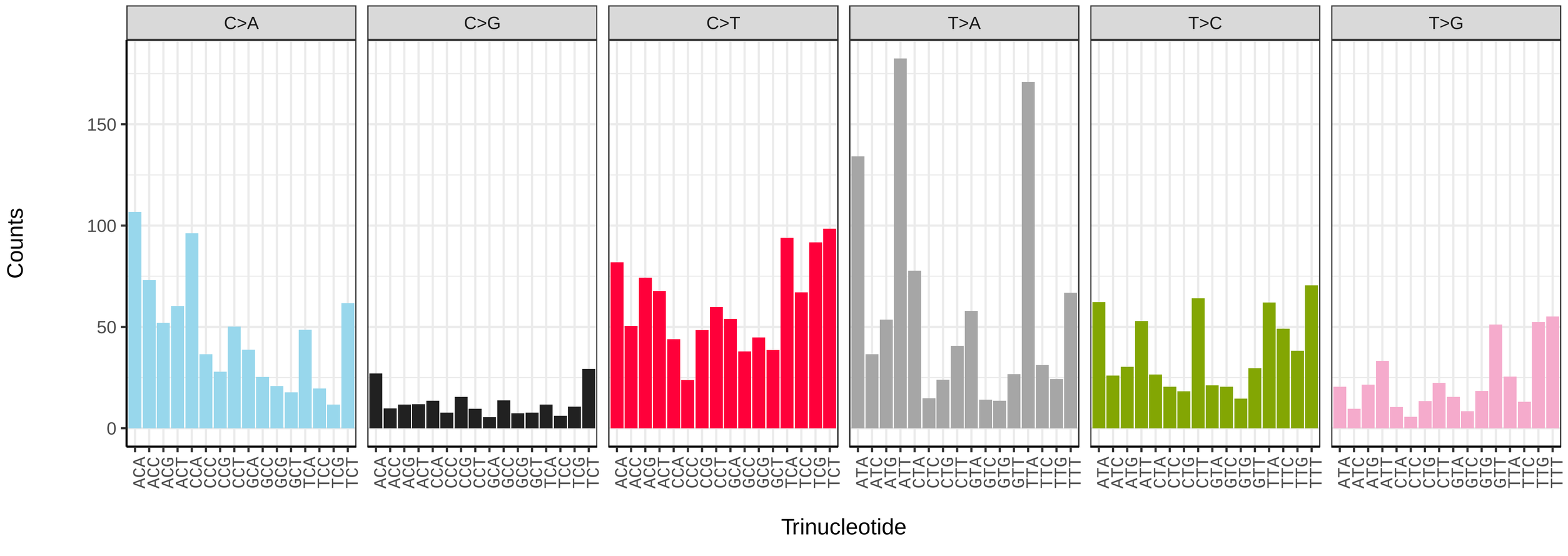
Azorinus chamasolen (xbAzoCham1) somatic mutational spectrum (SBS52 classification)



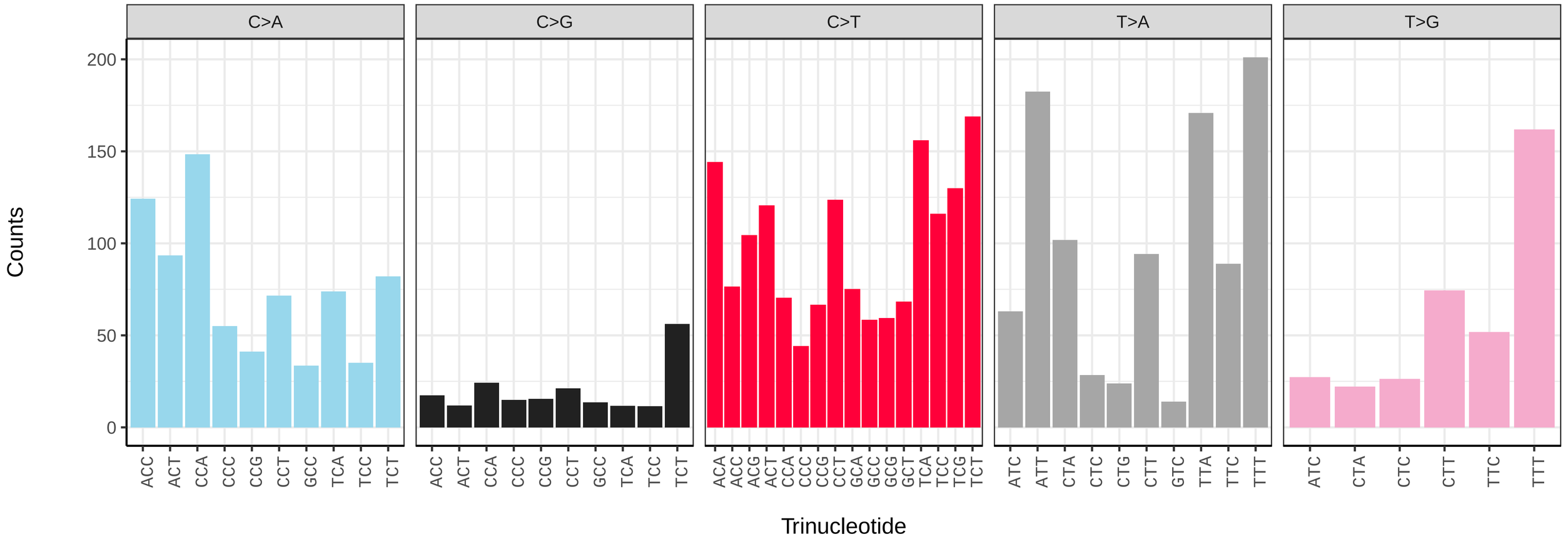
Cerastoderma edule (xbCerEdul1) germline mutational spectrum



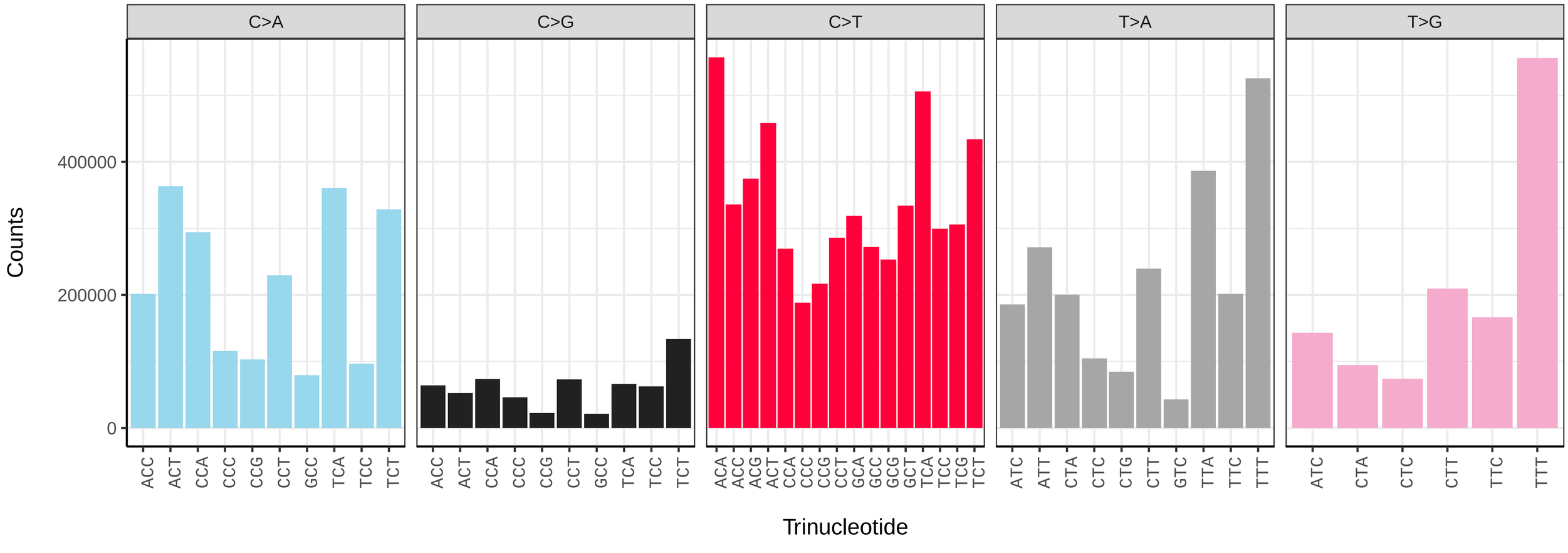
Cerastoderma edule (xbCerEdul1) somatic mutational spectrum (SBS96 classification)



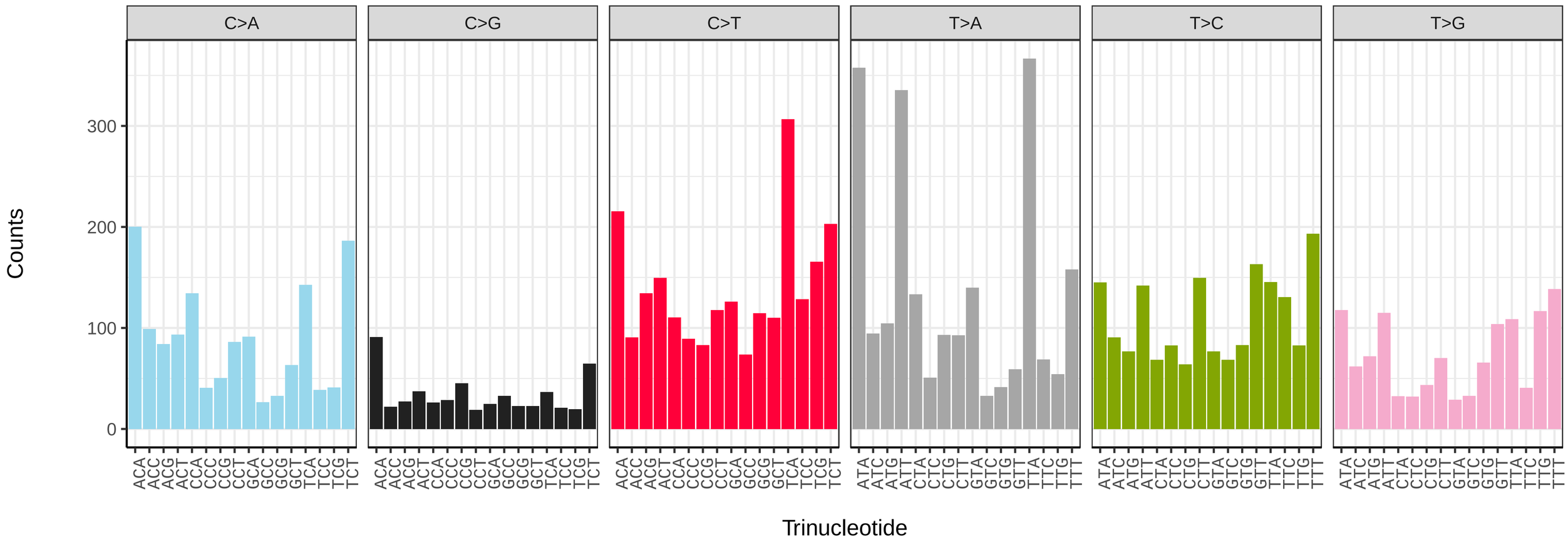
Cerastoderma edule (xbCerEdul1) somatic mutational spectrum (SBS52 classification)



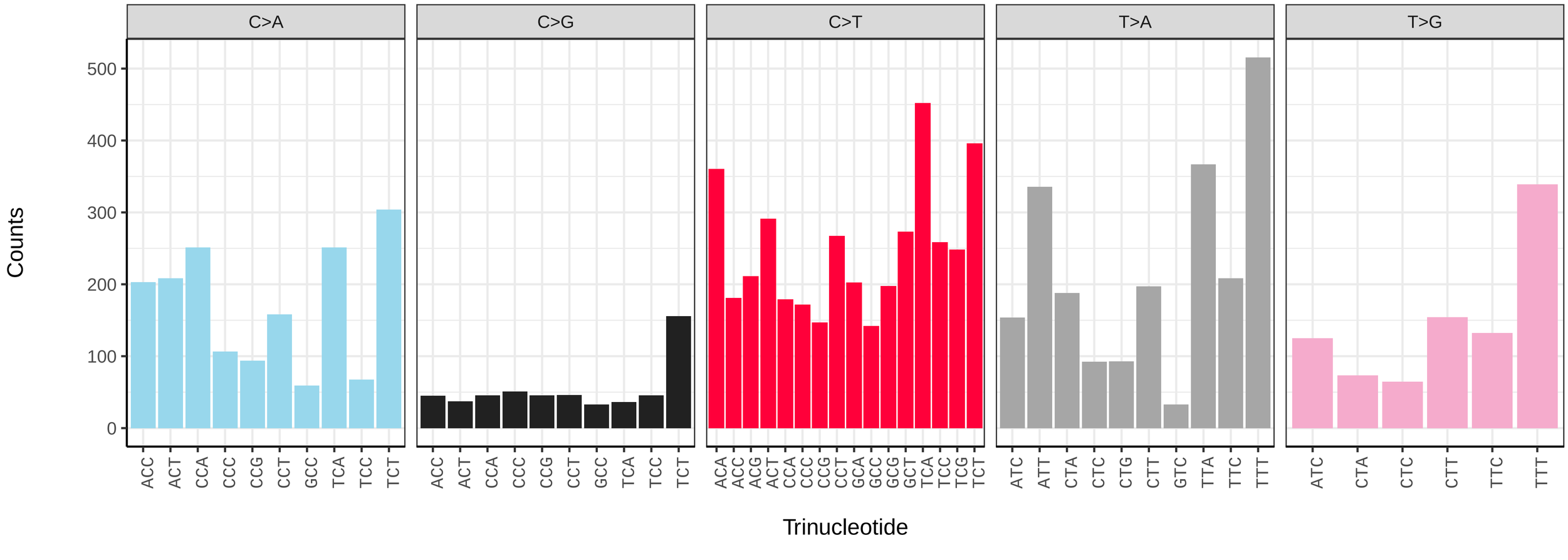
Gari tellinella (xbGarTell2) germline mutational spectrum



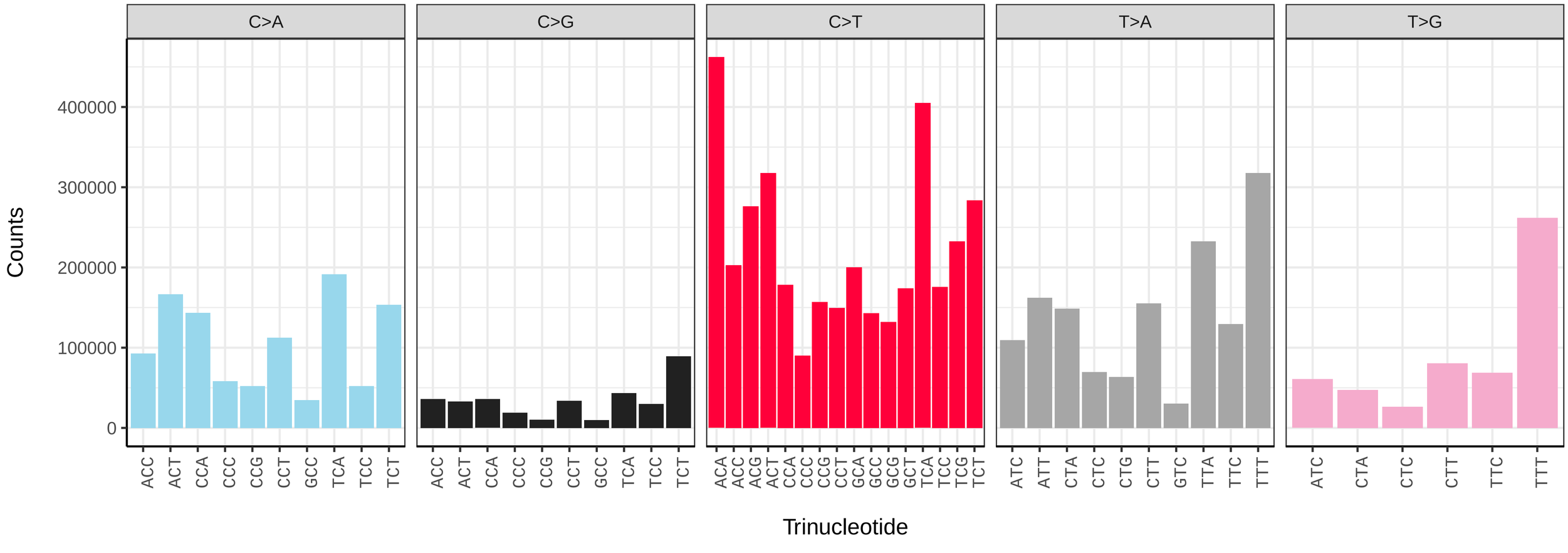
Gari tellinella (xbGarTell2) somatic mutational spectrum (SBS96 classification)



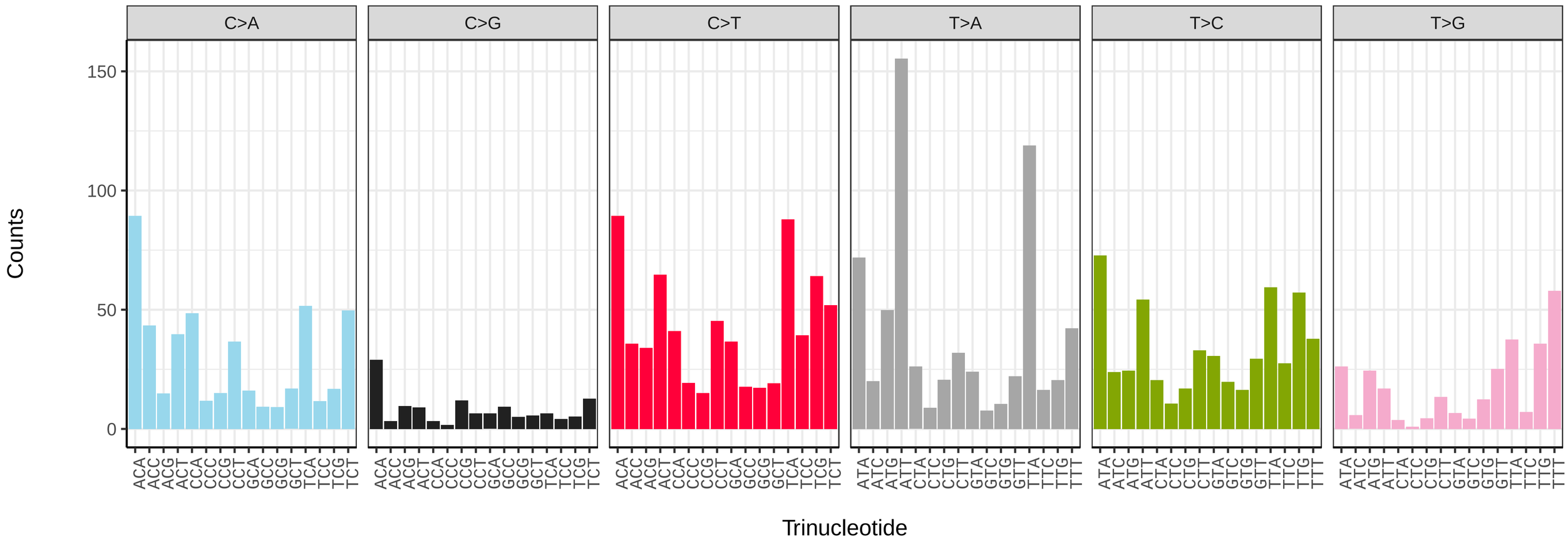
Gari tellinella (xbGarTell2) somatic mutational spectrum (SBS52 classification)



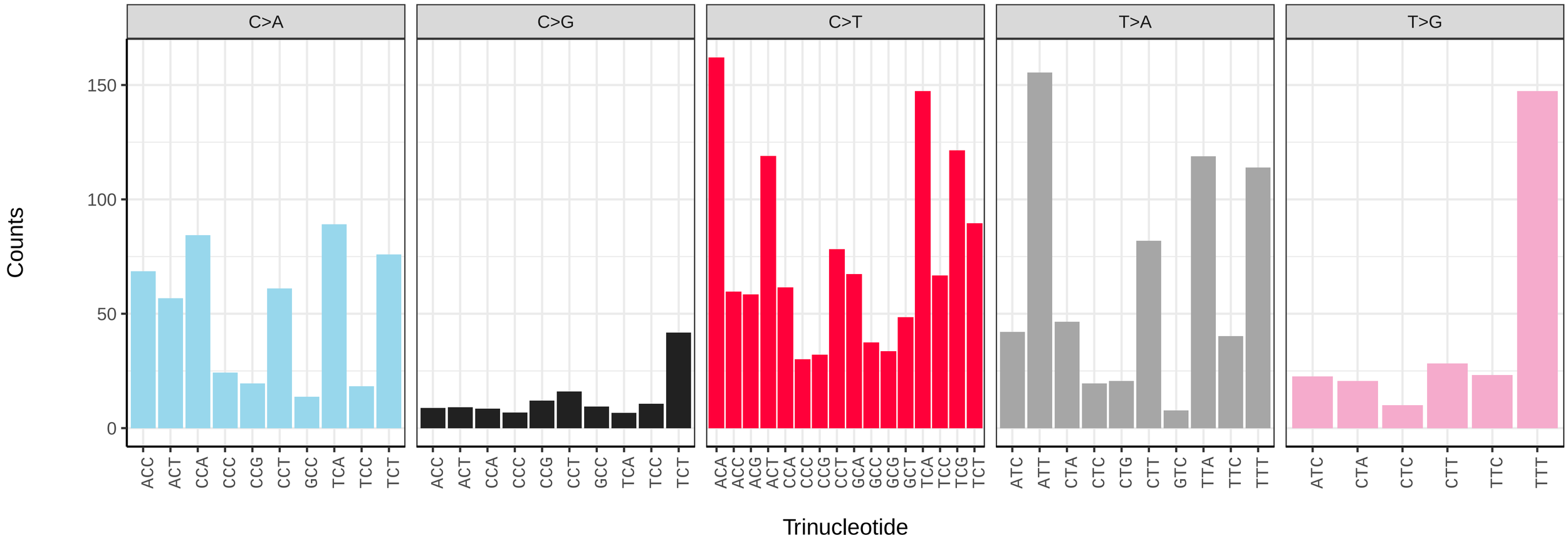
Lutraria lutraria (xbLutLutr1) germline mutational spectrum



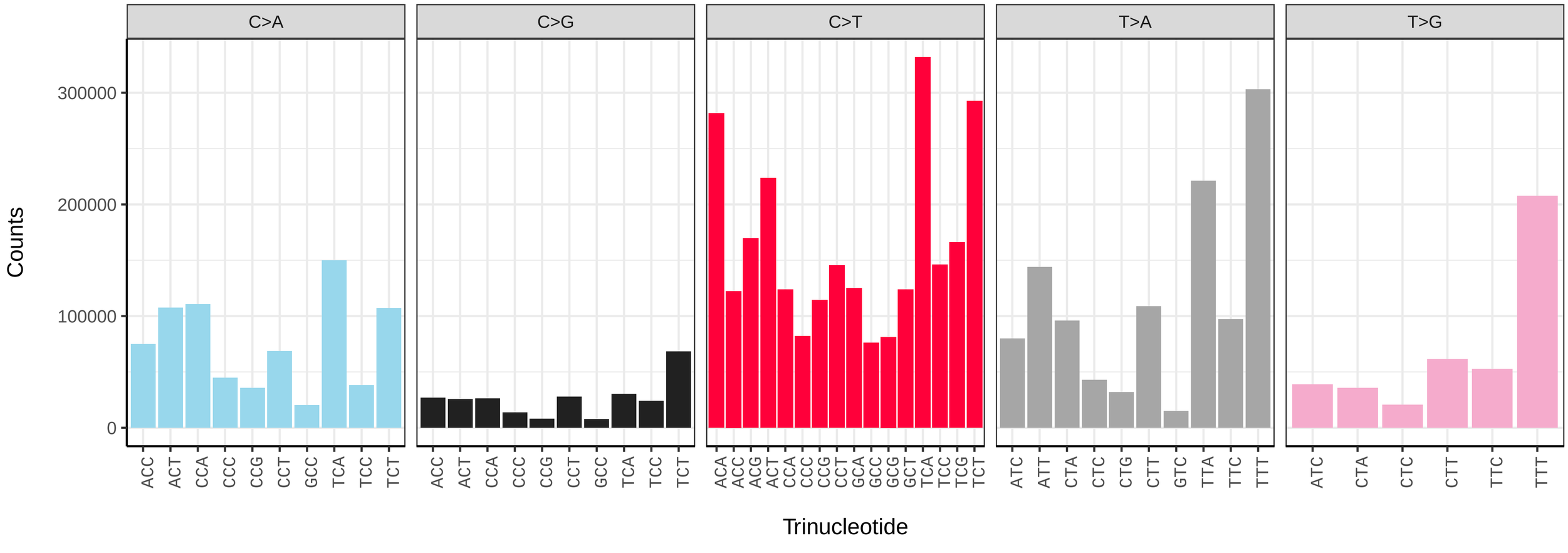
Lutraria lutraria (xbLutLutr1) somatic mutational spectrum (SBS96 classification)



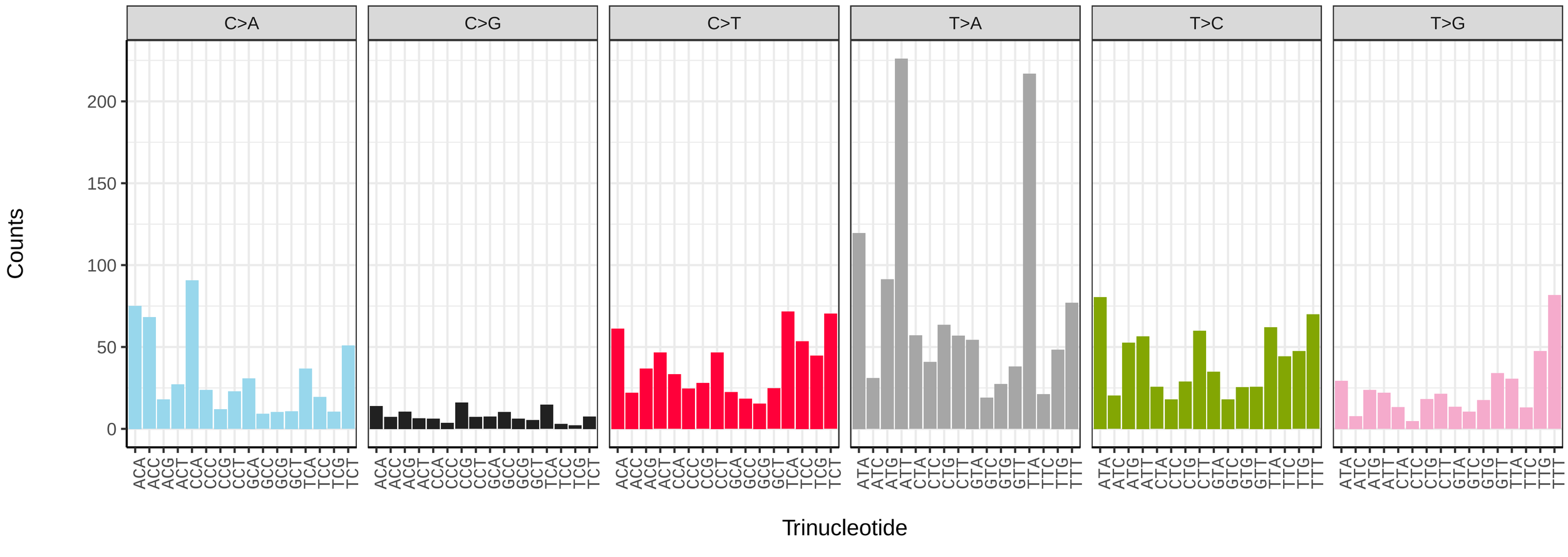
Lutraria lutraria (xbLutLutr1) somatic mutational spectrum (SBS52 classification)



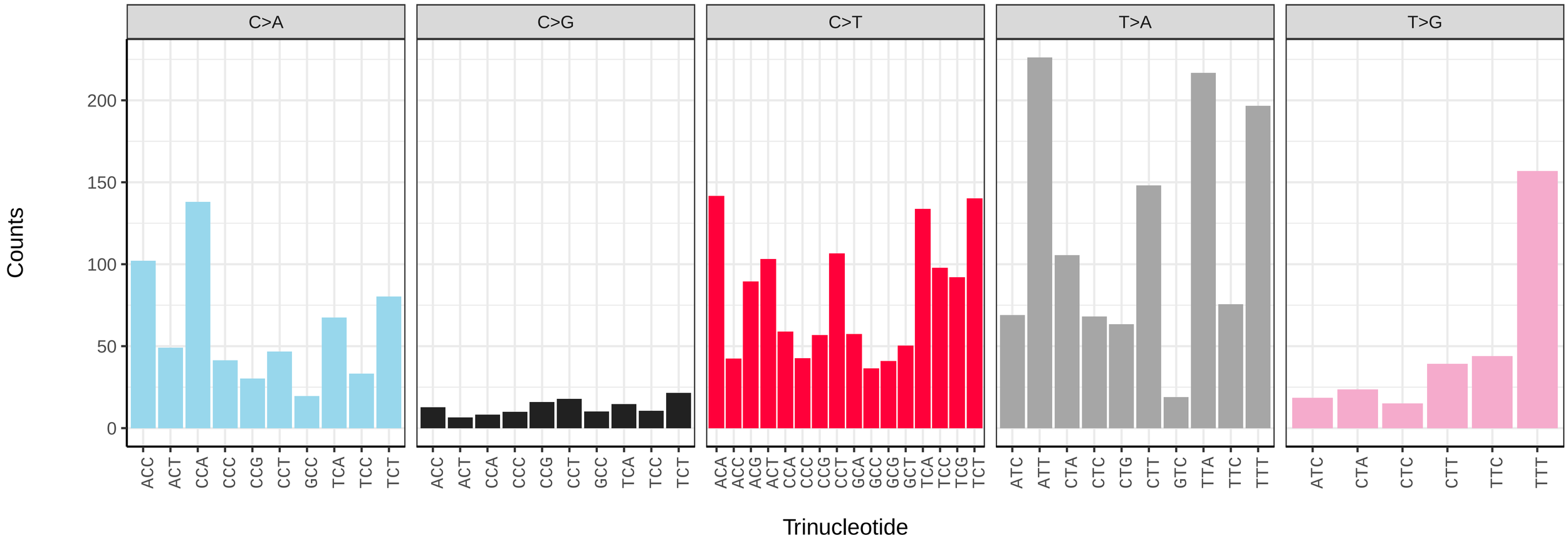
Magallana gigas (xbMagGiga1) germline mutational spectrum



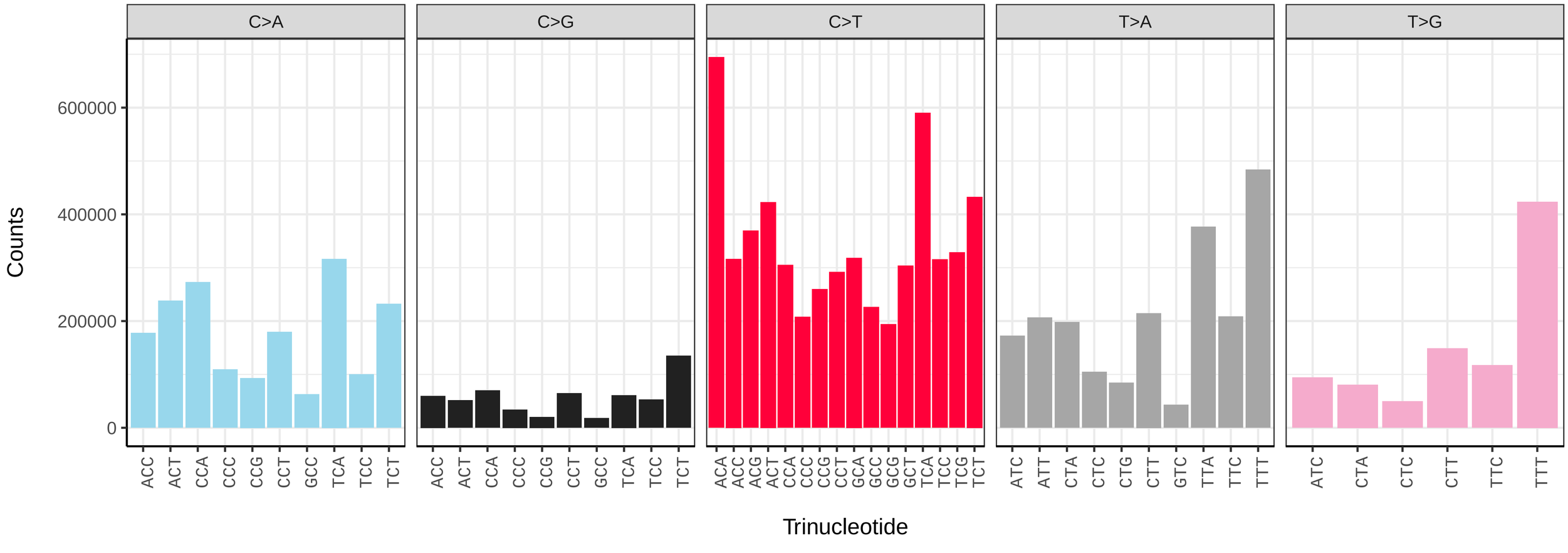
Magallana gigas (xbMagGiga1) somatic mutational spectrum (SBS96 classification)



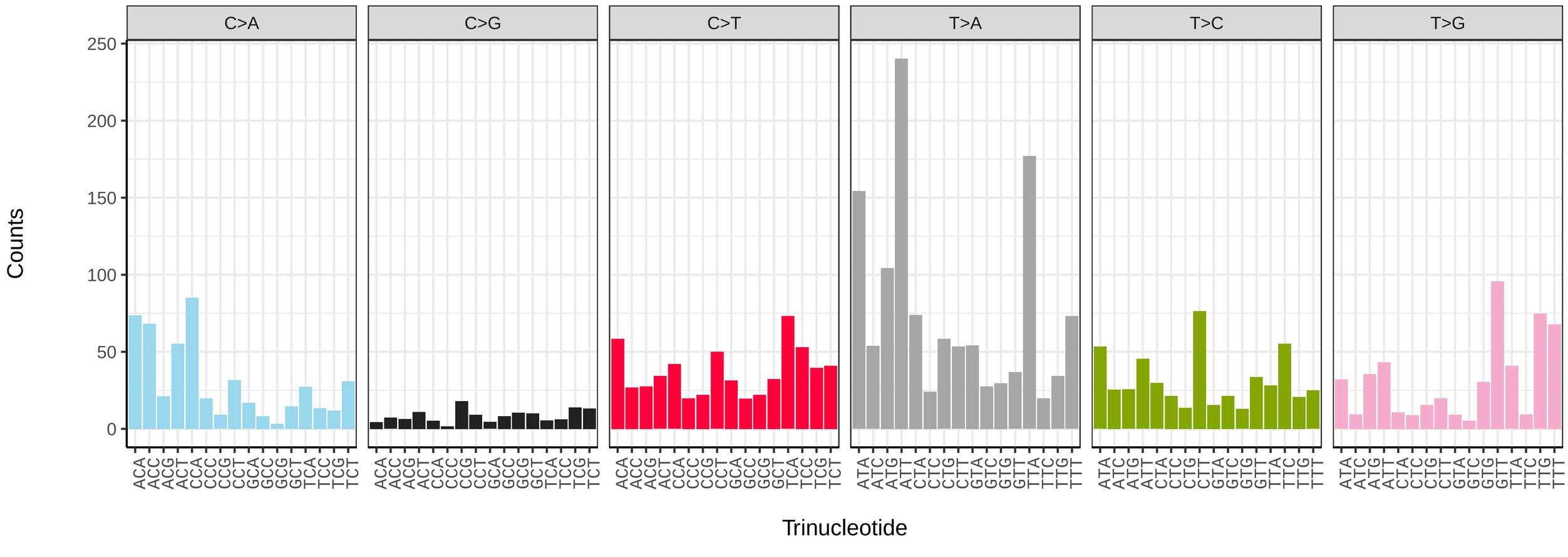
Magallana gigas (xbMagGiga1) somatic mutational spectrum (SBS52 classification)



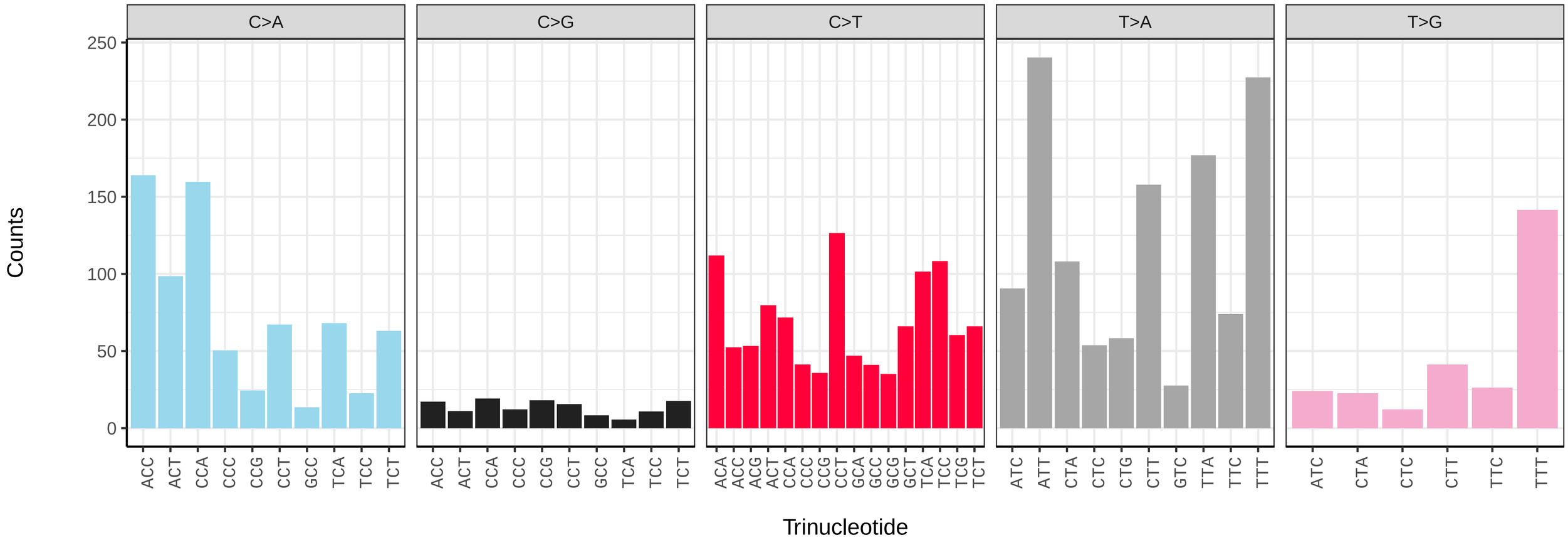
Mimachlamys varia (xbMimVari1) germline mutational spectrum



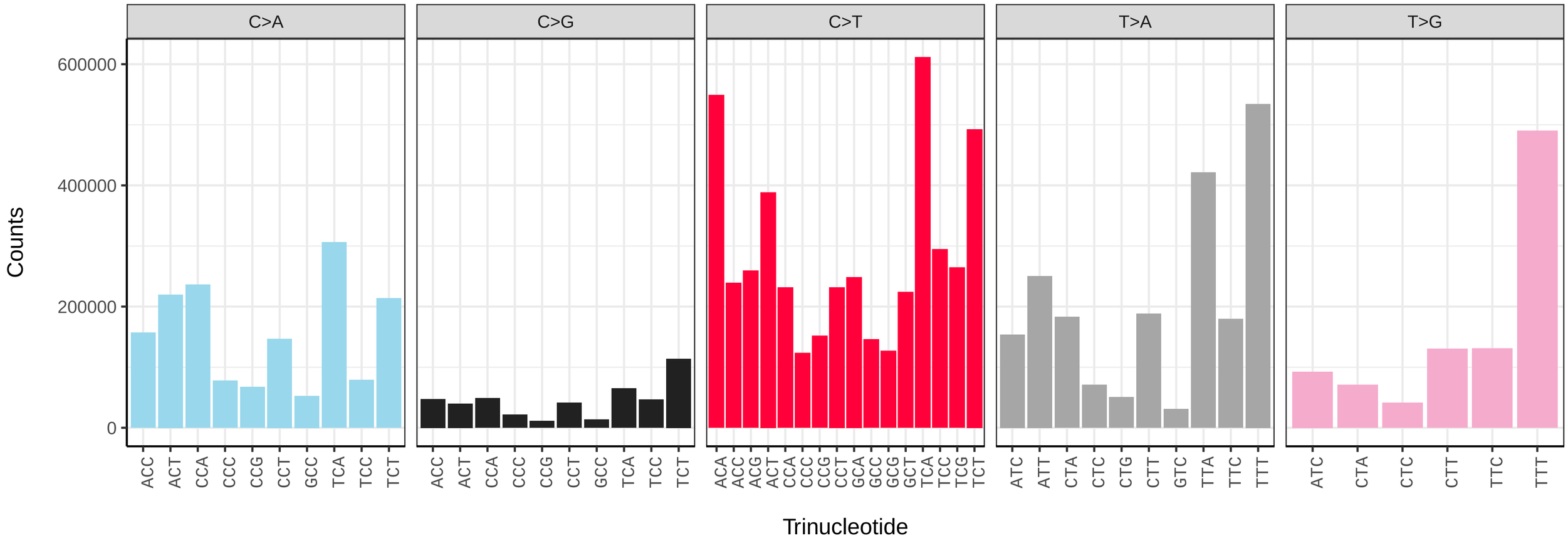
Mimachlamys varia (xbMimVari1) somatic mutational spectrum (SBS96 classification)



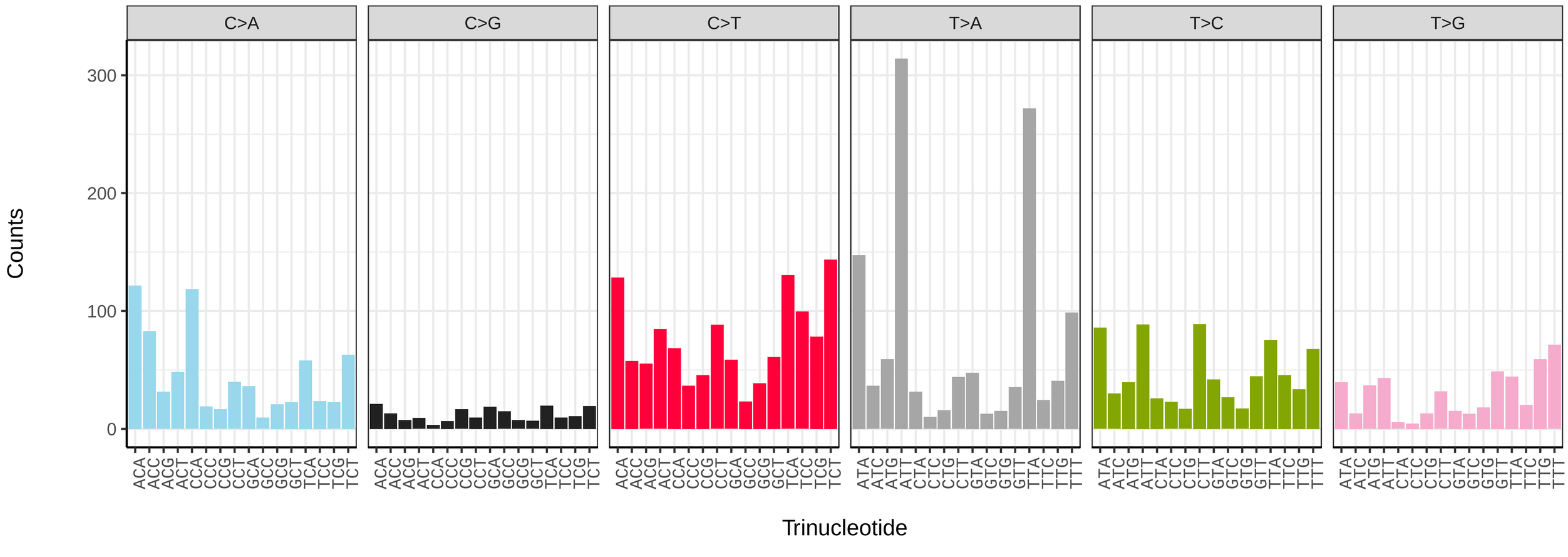
Mimachlamys varia (xbMimVari1) somatic mutational spectrum (SBS52 classification)



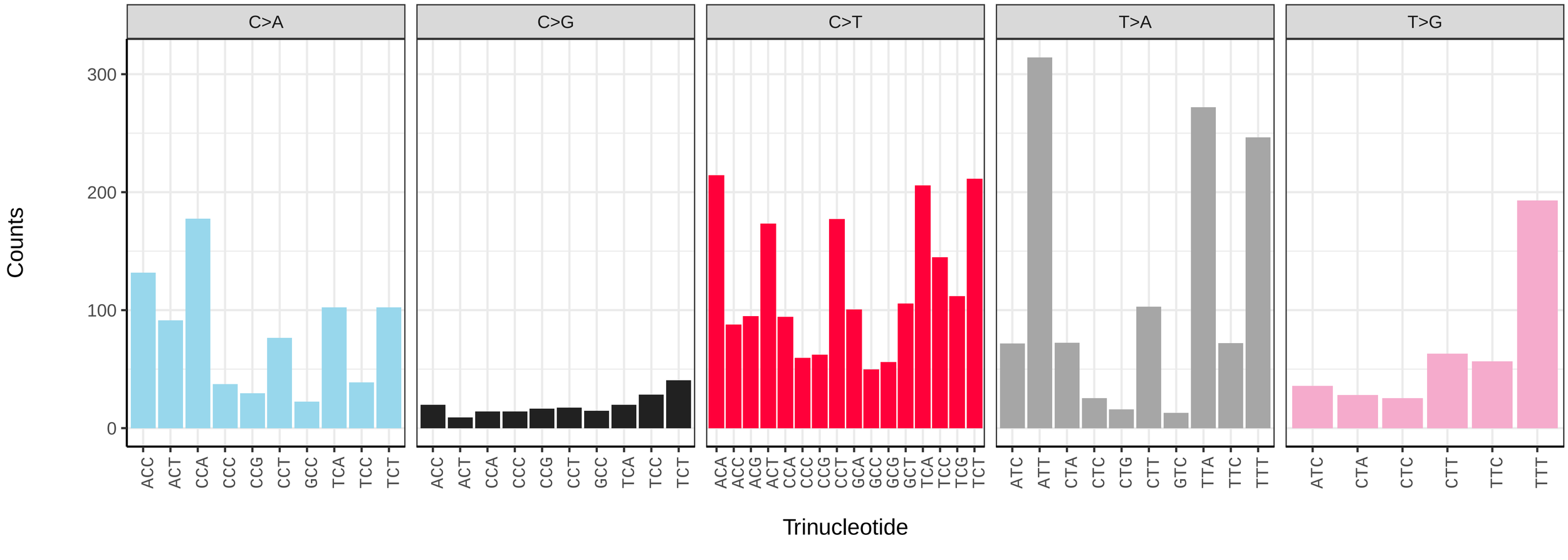
Mytilus edulis (xbMytEdul2) germline mutational spectrum



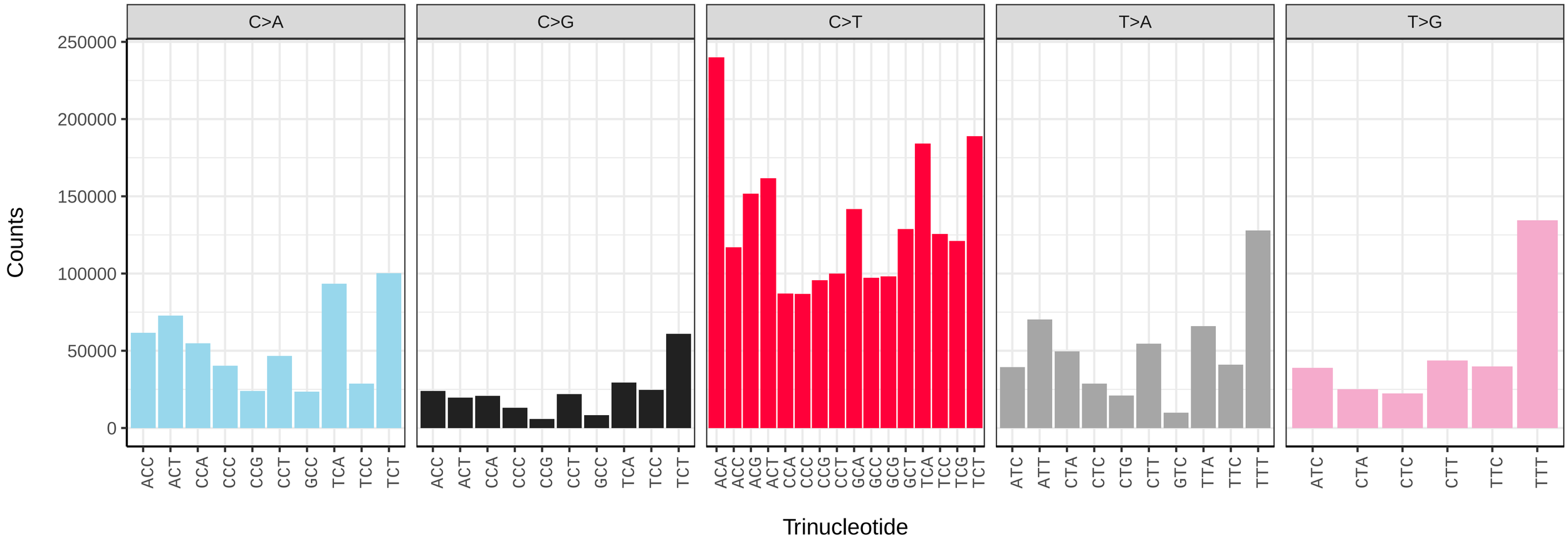
Mytilus edulis (xbMytEdul2) somatic mutational spectrum (SBS96 classification)



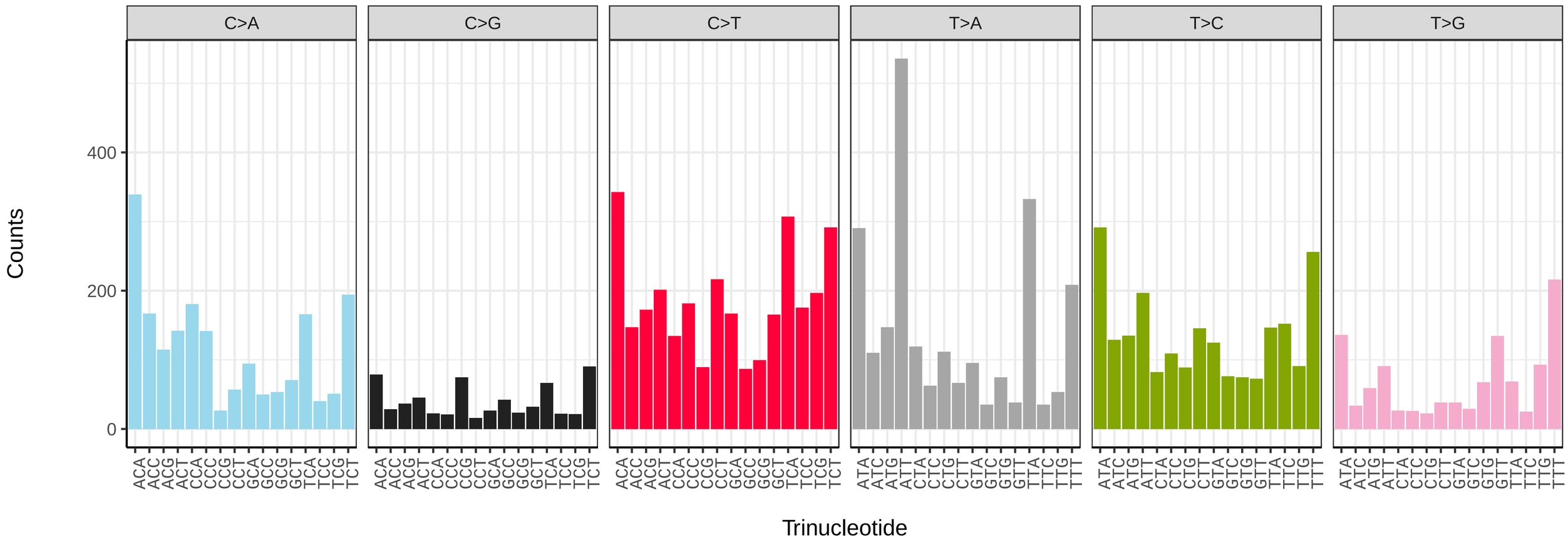
Mytilus edulis (xbMytEdul2) somatic mutational spectrum (SBS52 classification)



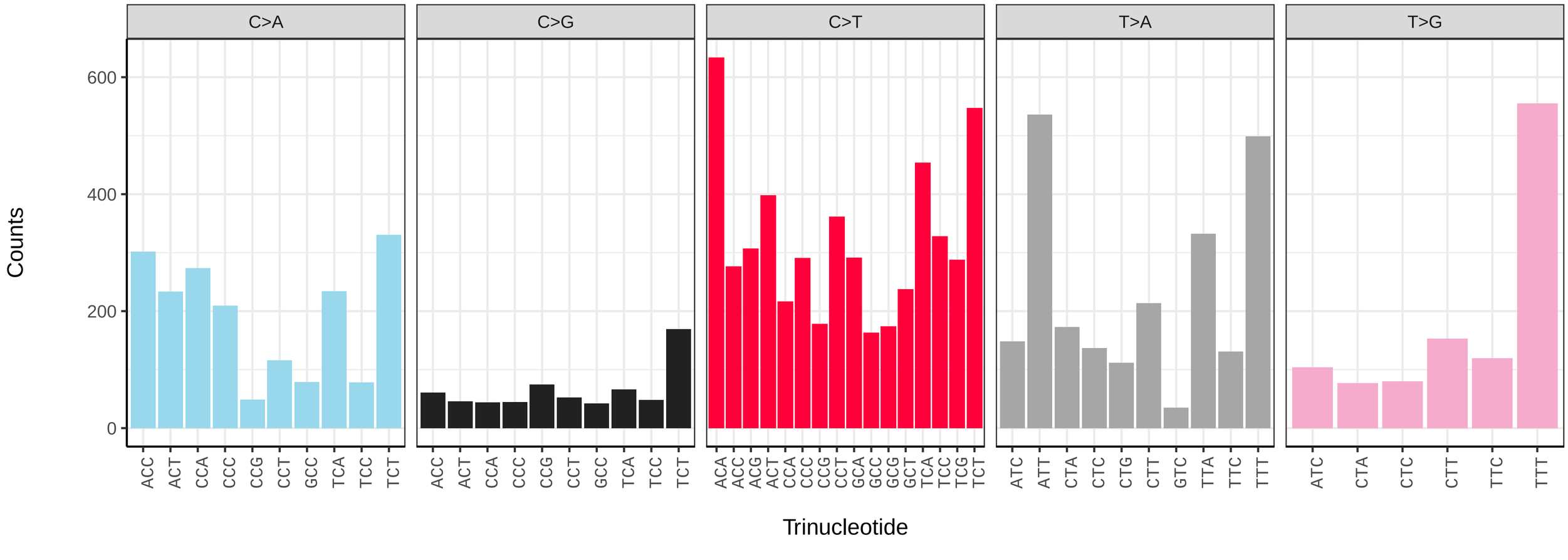
Ostrea edulis (xbOstEdul1) germline mutational spectrum



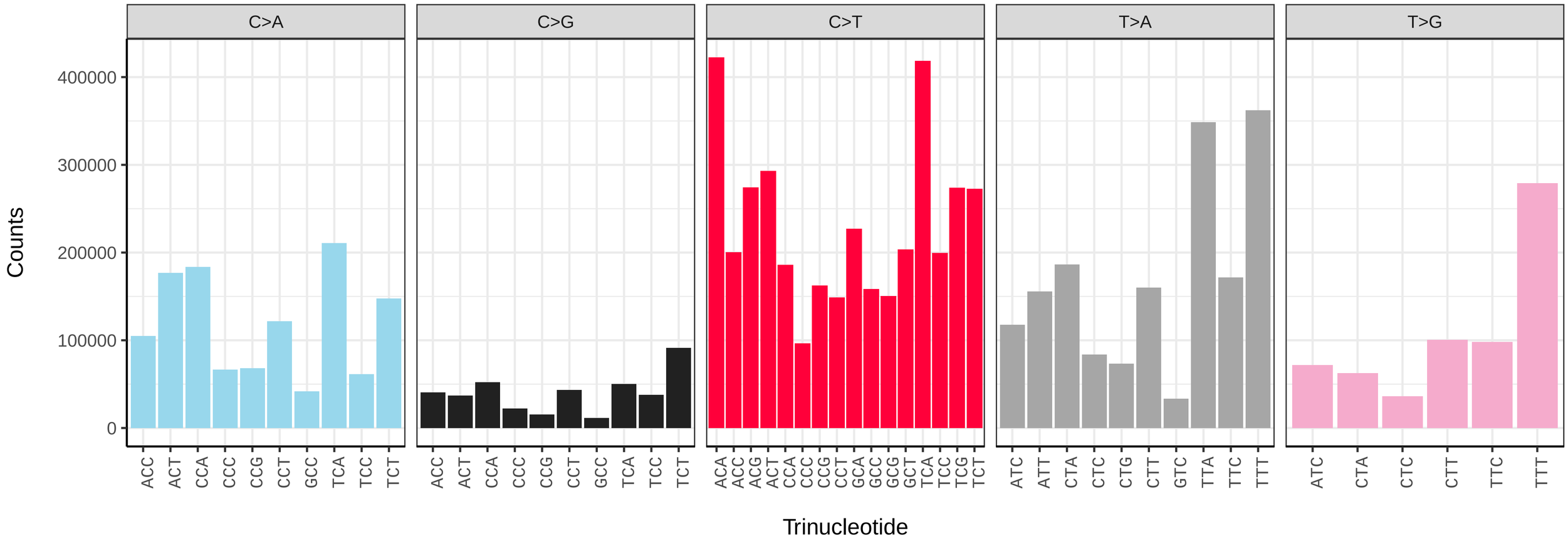
Ostrea edulis (xbOstEdul1) somatic mutational spectrum (SBS96 classification)



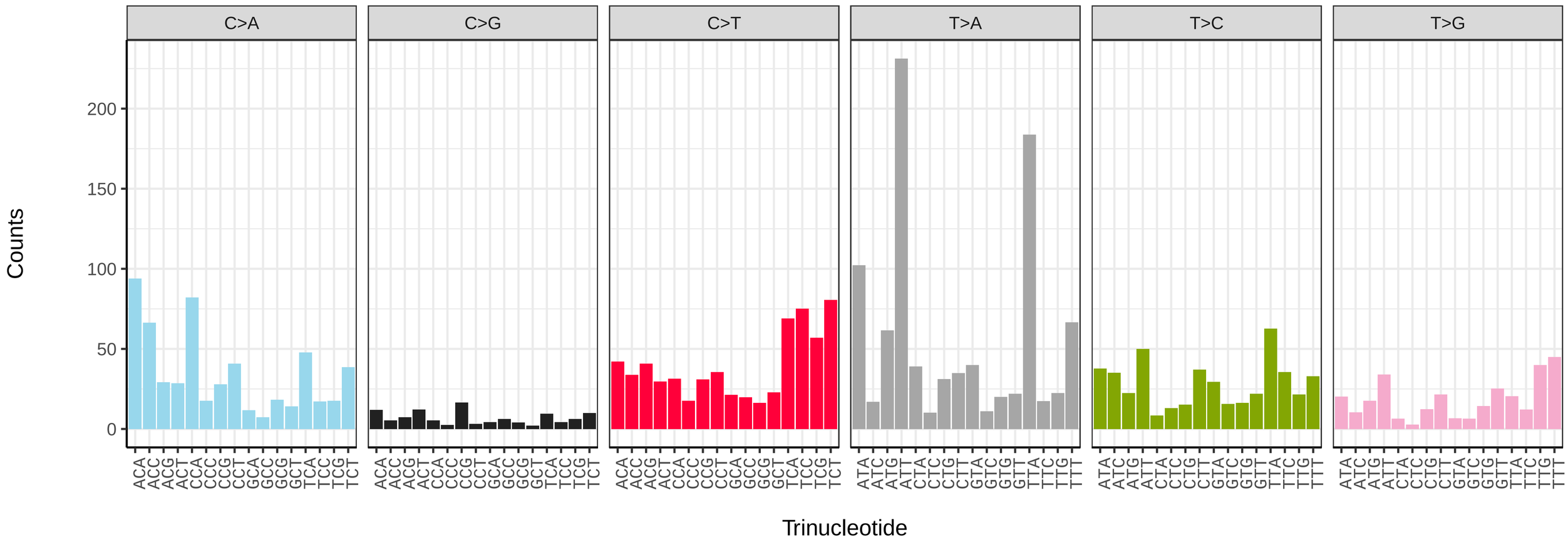
Ostrea edulis (xbOstEdul1) somatic mutational spectrum (SBS52 classification)



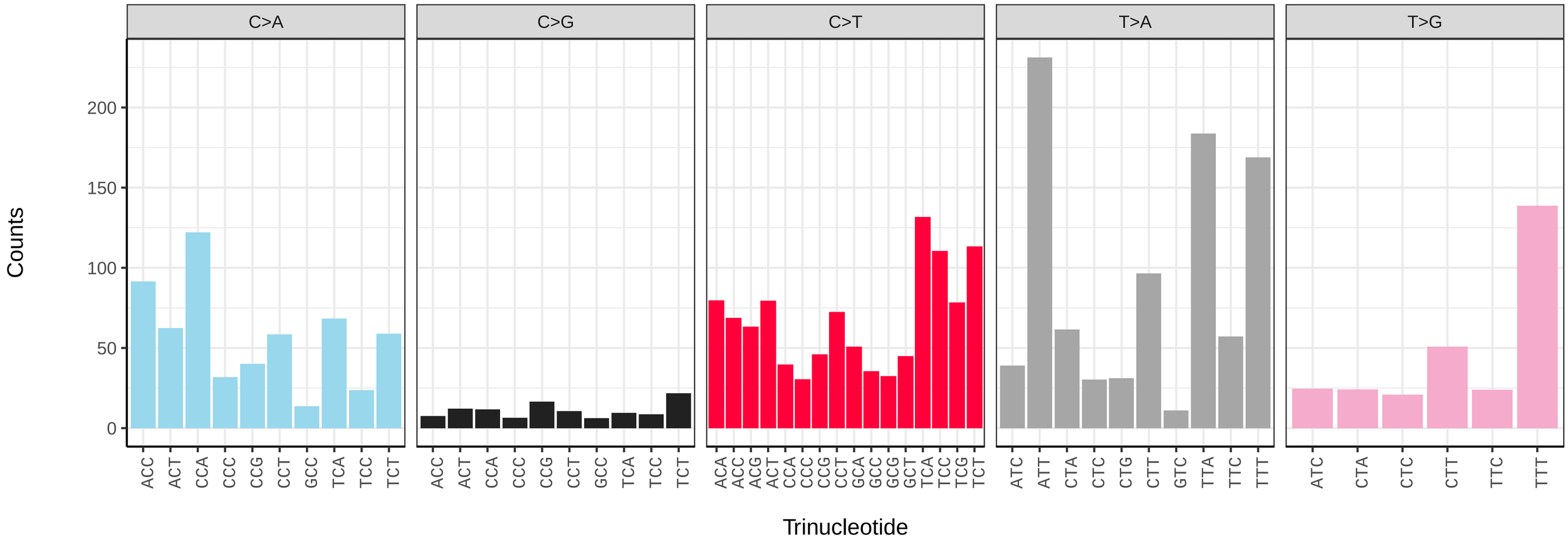
Spisula subtruncata (xbSpiSubt1) germline mutational spectrum



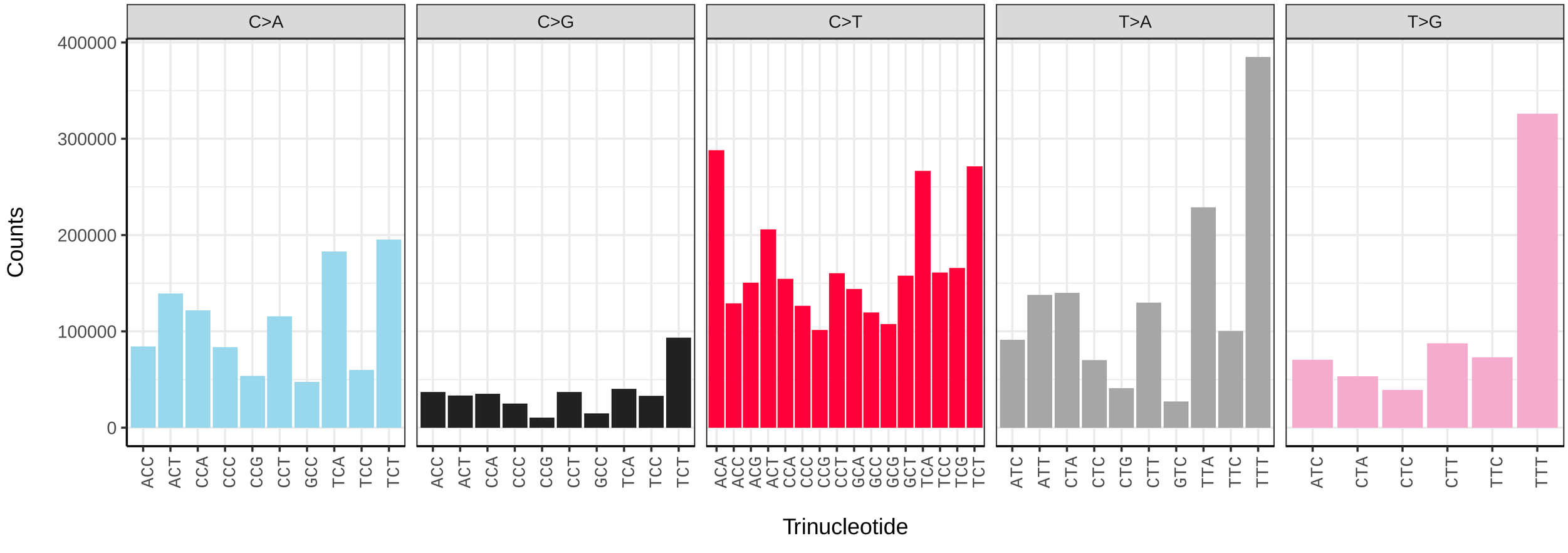
Spisula subtruncata (xbSpiSubt1) somatic mutational spectrum (SBS96 classification)



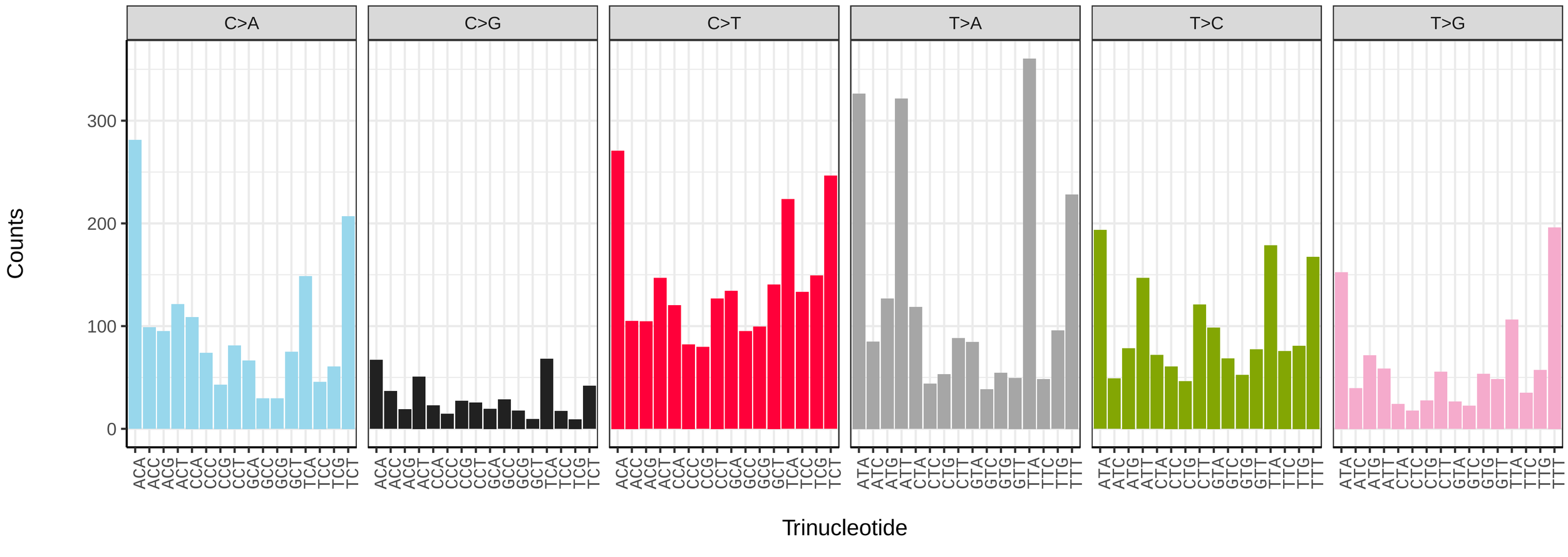
Spisula subtruncata (xbSpiSubt1) somatic mutational spectrum (SBS52 classification)



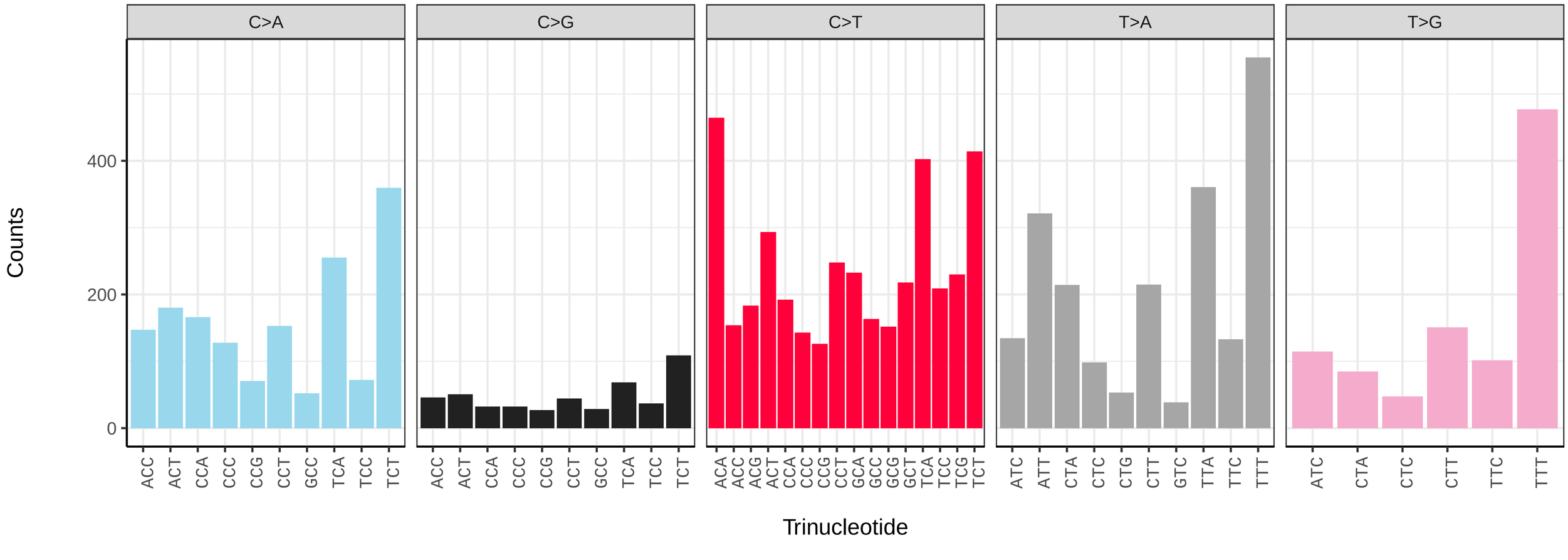
Anisus vortex (xgAniVort1) germline mutational spectrum



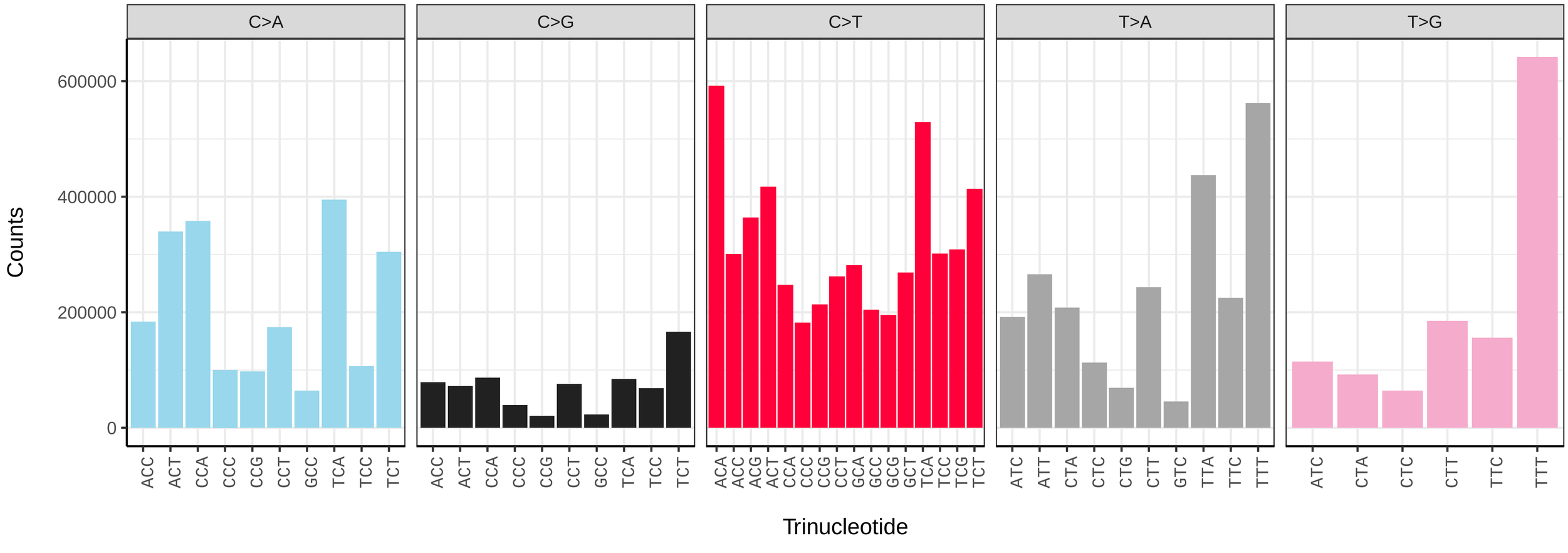
Anisus vortex (xgAniVort1) somatic mutational spectrum (SBS96 classification)



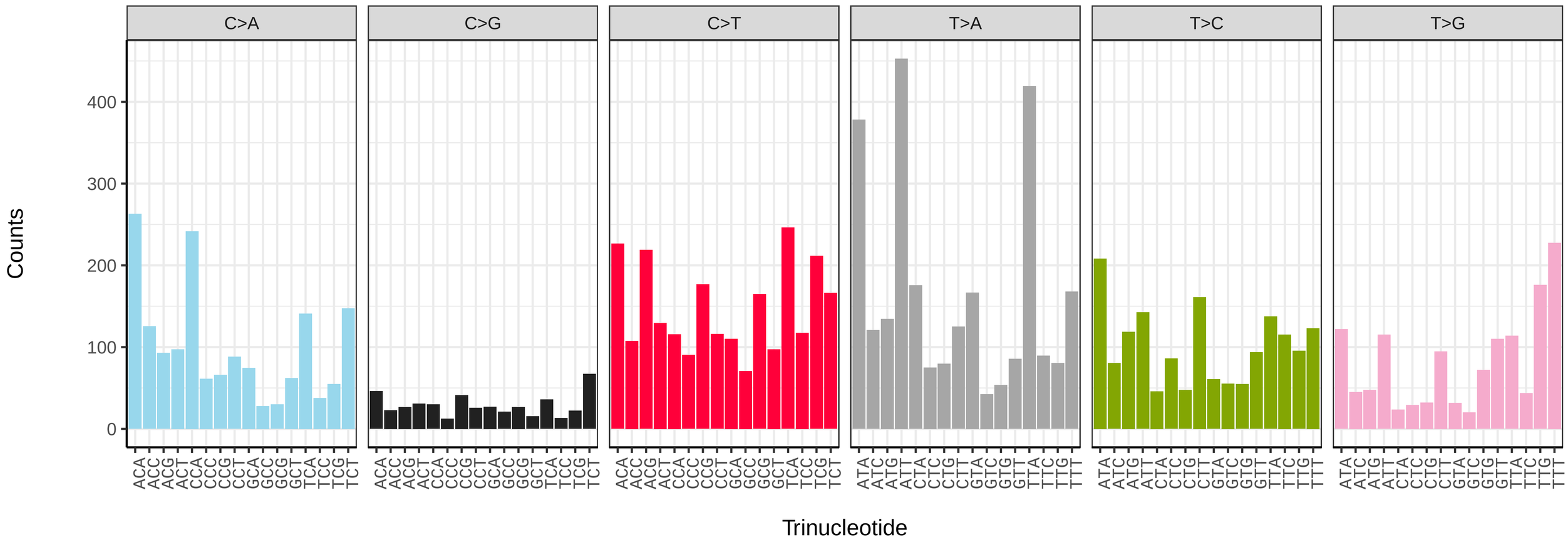
Anisus vortex (xgAniVort1) somatic mutational spectrum (SBS52 classification)



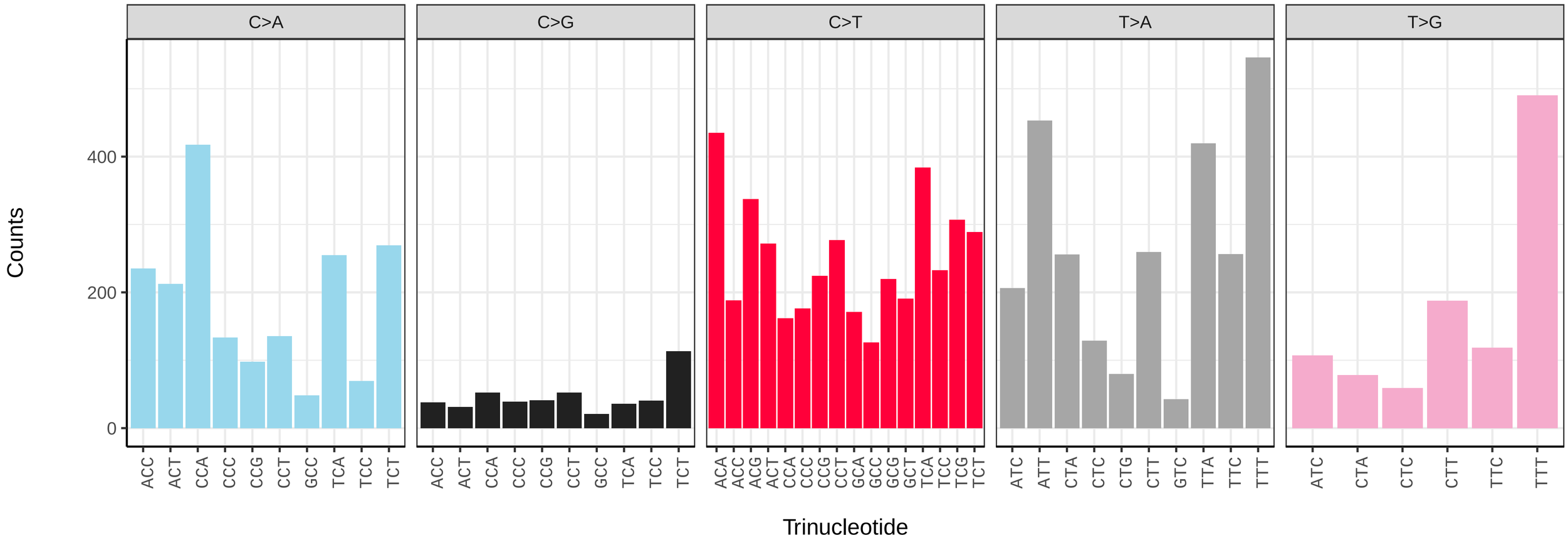
Gibbula magus (xgGibMagu1) germline mutational spectrum



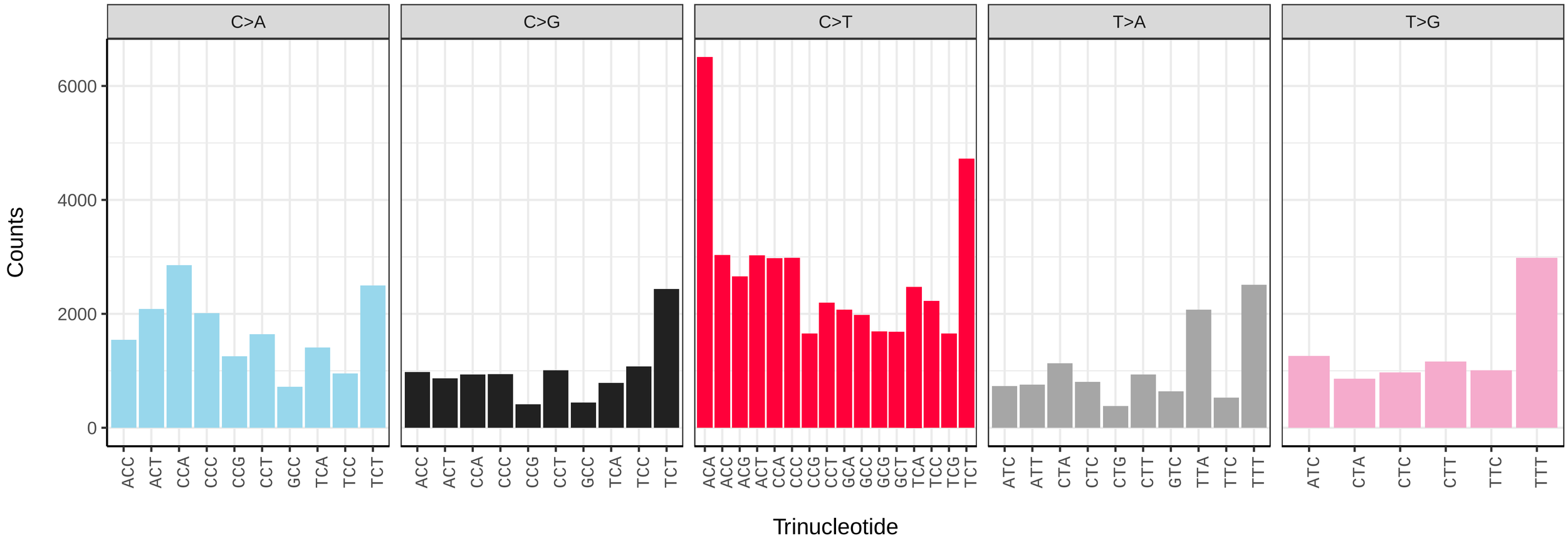
Gibbula magus (xgGibMagu1) somatic mutational spectrum (SBS96 classification)



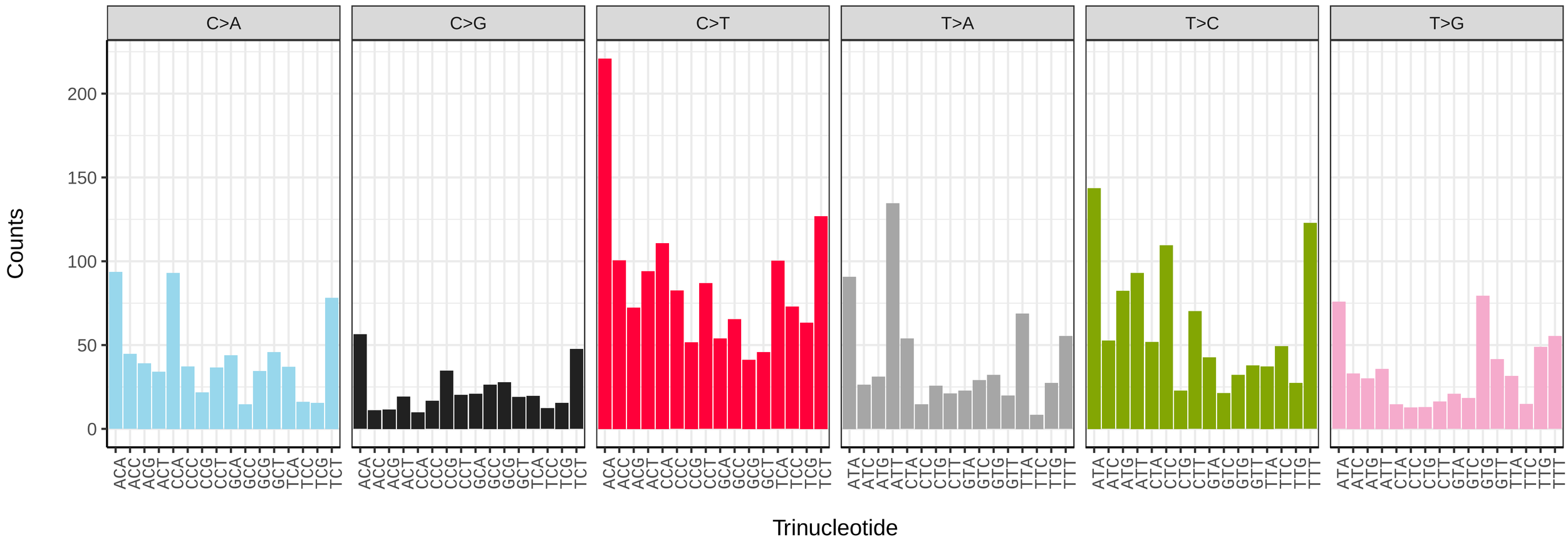
Gibbula magus (xgGibMagu1) somatic mutational spectrum (SBS52 classification)



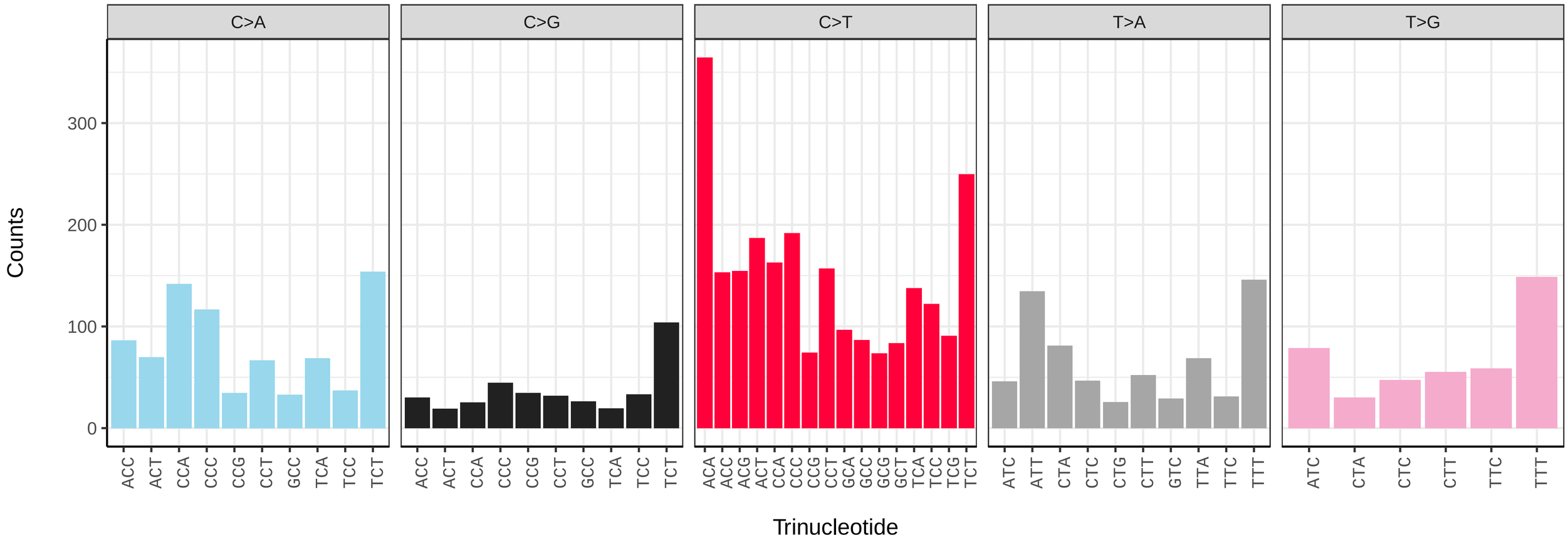
Onchidella celtica (xgOncCelt3) germline mutational spectrum



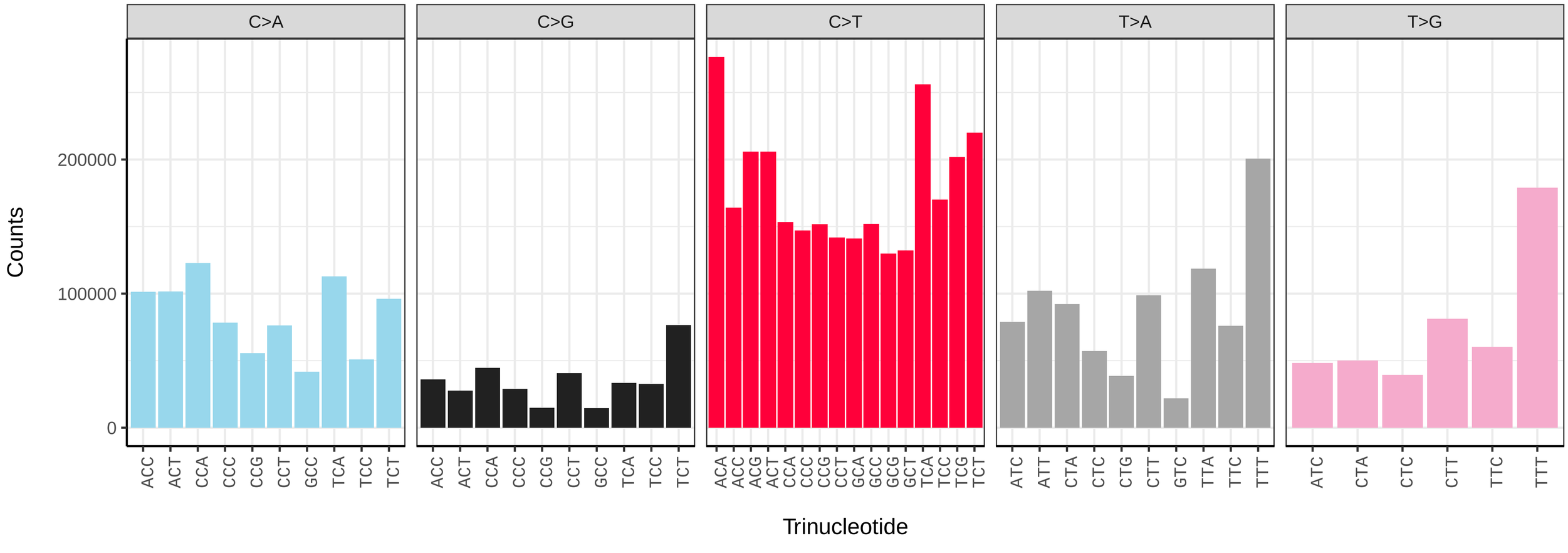
Onchidella celtica (xgOncCelt3) somatic mutational spectrum (SBS96 classification)



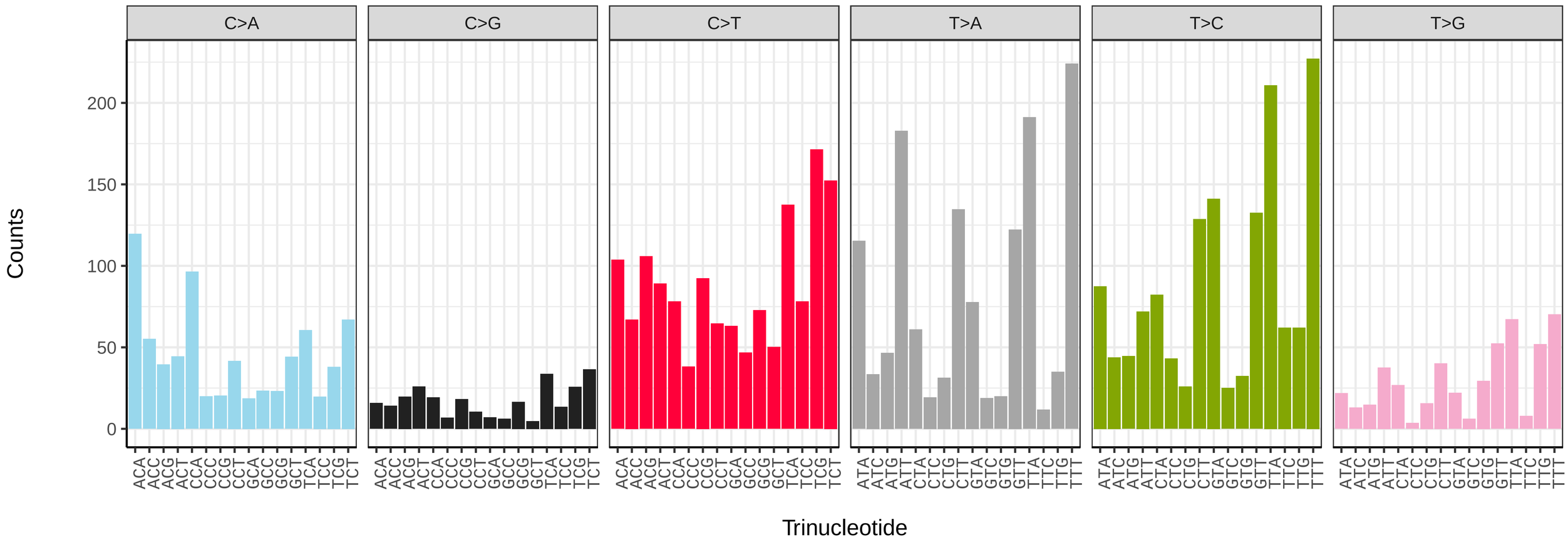
Onchidella celtica (xgOncCelt3) somatic mutational spectrum (SBS52 classification)



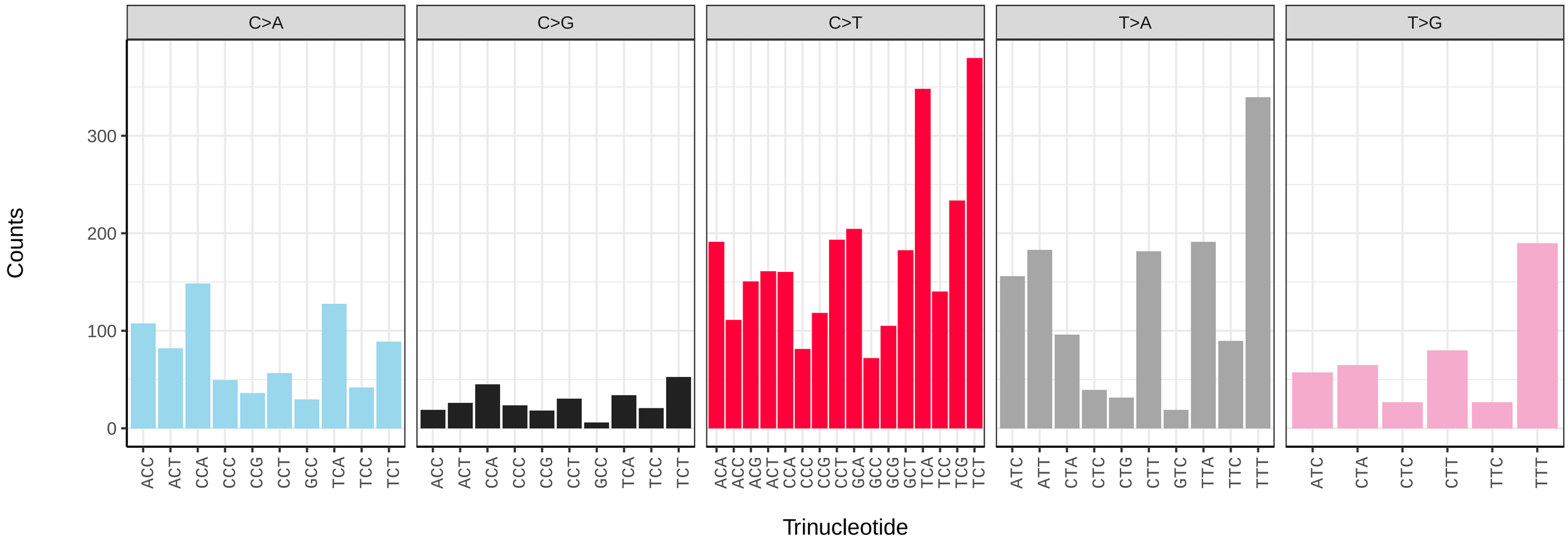
Patella depressa (xgPatDepr1) germline mutational spectrum



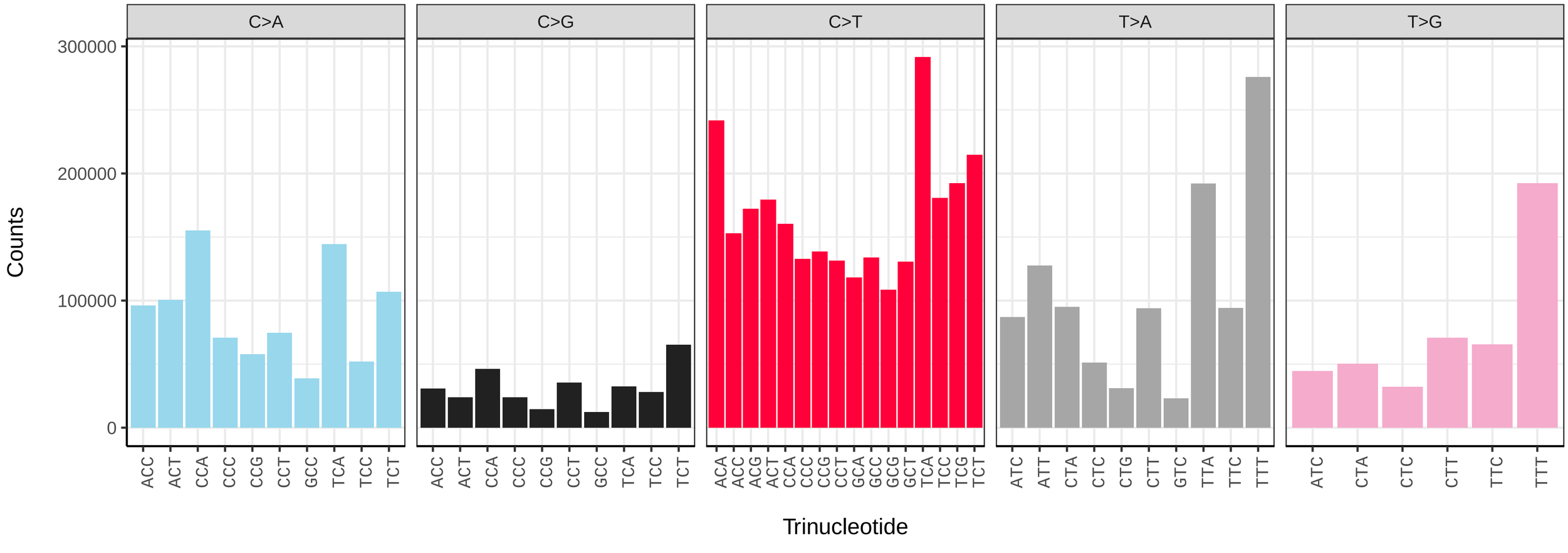
Patella depressa (xgPatDepr1) somatic mutational spectrum (SBS96 classification)



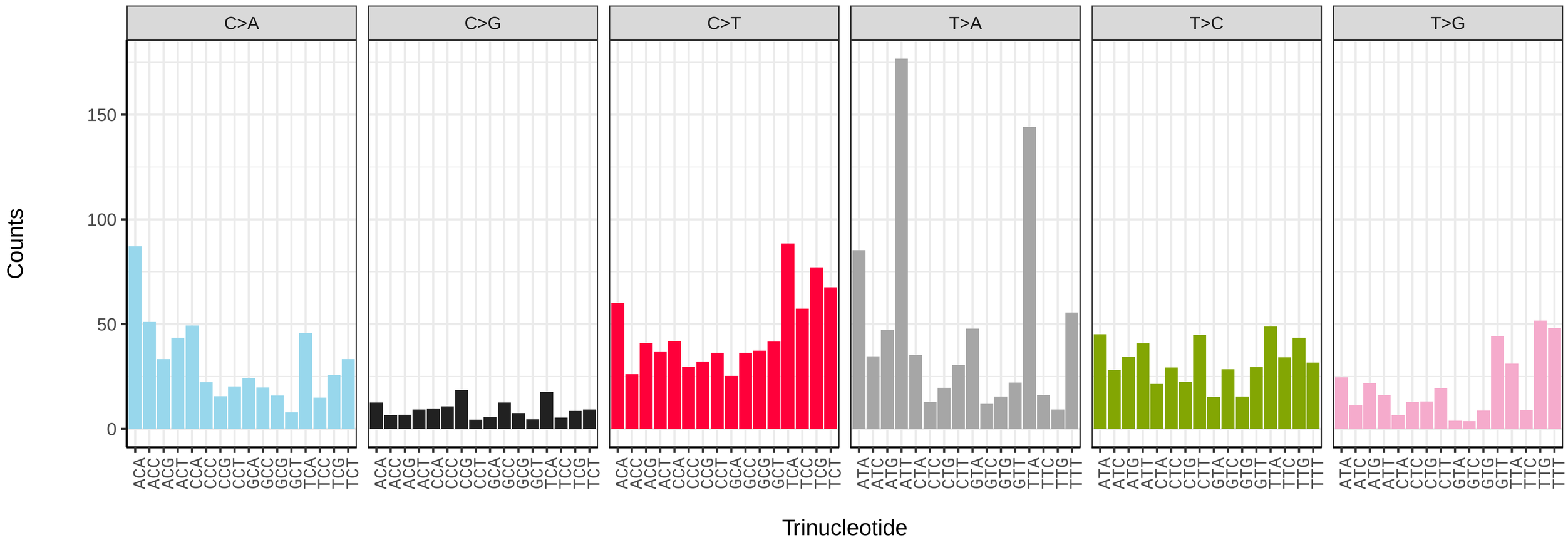
Patella depressa (xgPatDepr1) somatic mutational spectrum (SBS52 classification)



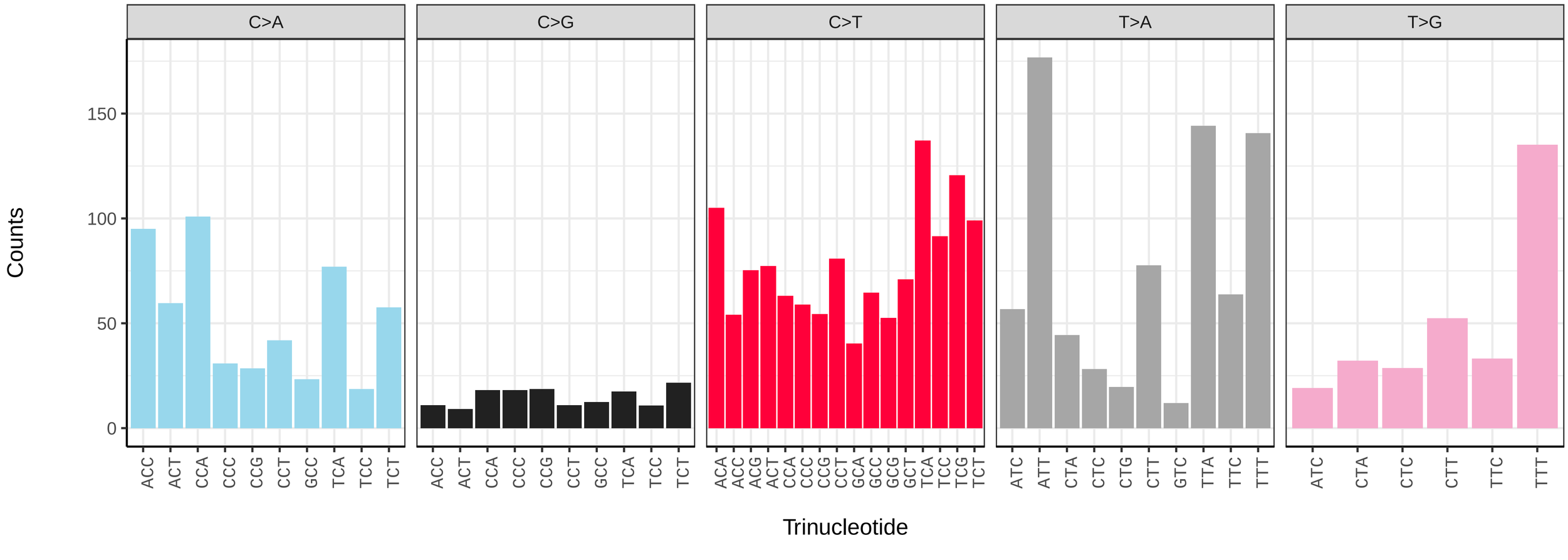
Patella pellucida (xgPatPell1) germline mutational spectrum



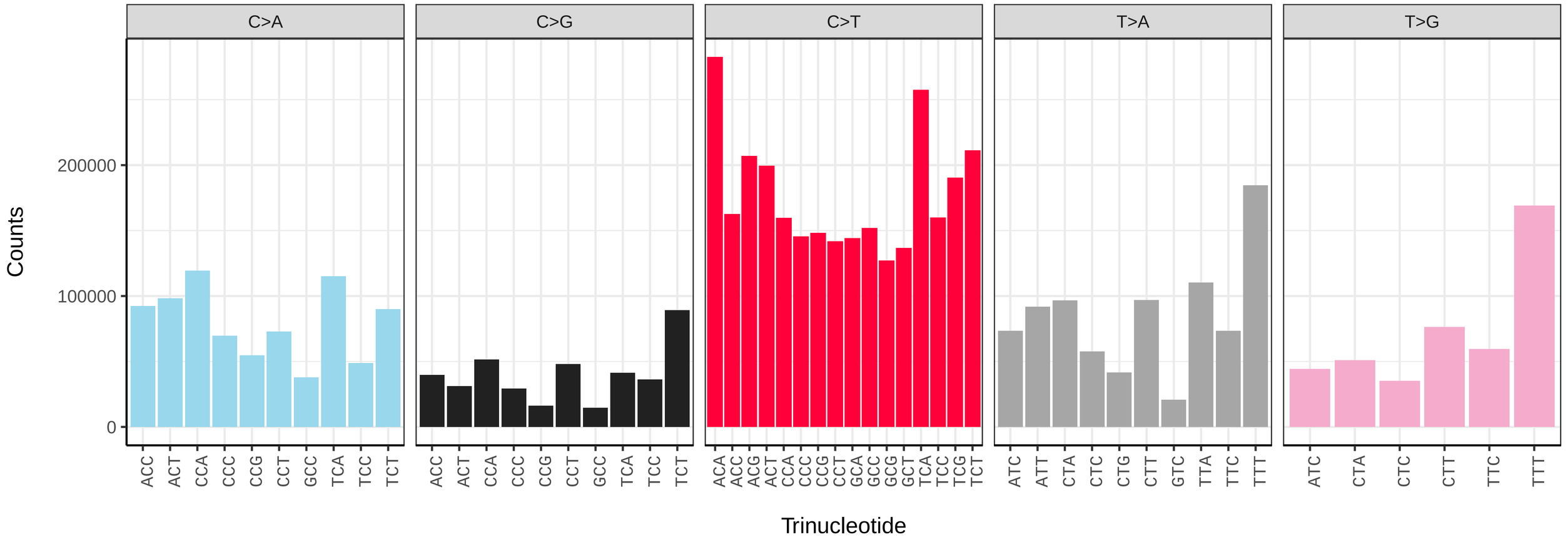
Patella pellucida (xgPatPell1) somatic mutational spectrum (SBS96 classification)



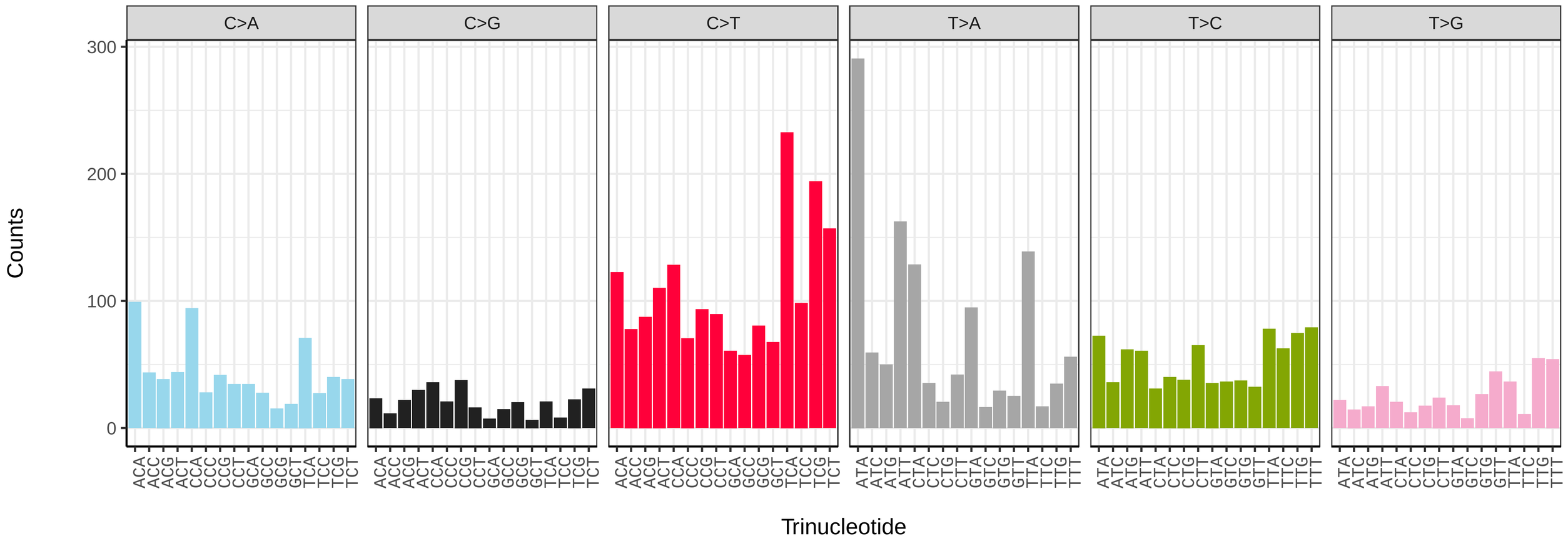
Patella pellucida (xgPatPell1) somatic mutational spectrum (SBS52 classification)



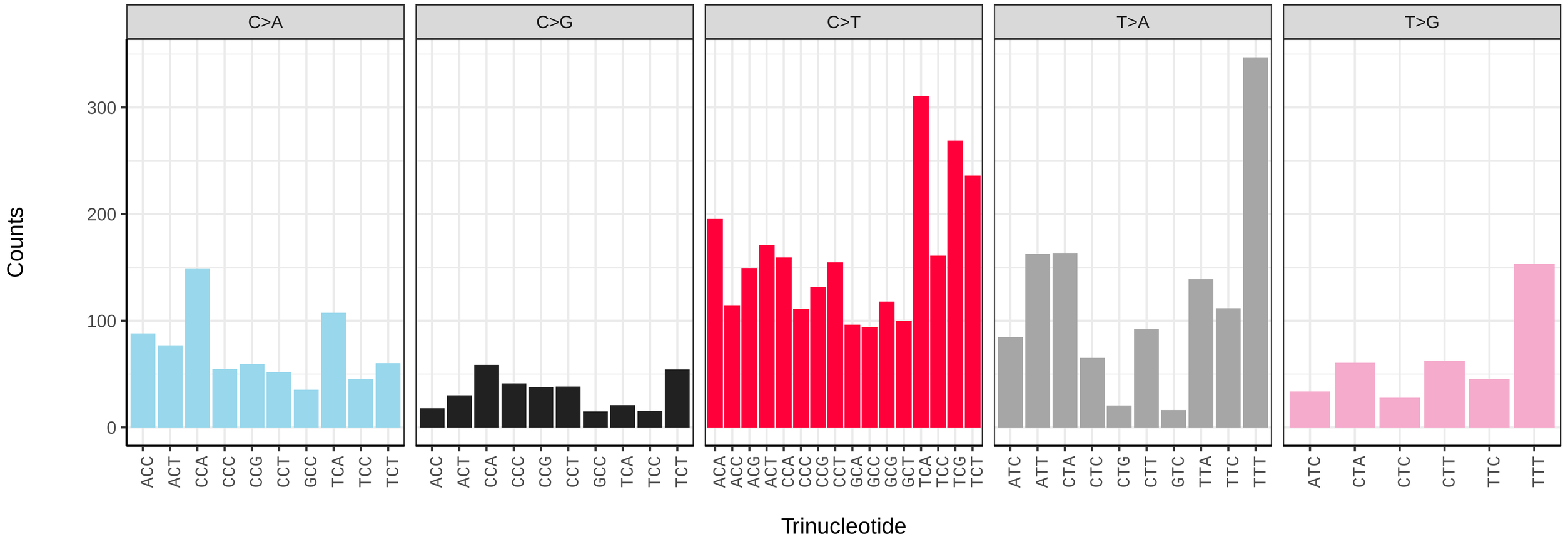
Patella ulyssiponensis (xgPatUlys2) germline mutational spectrum



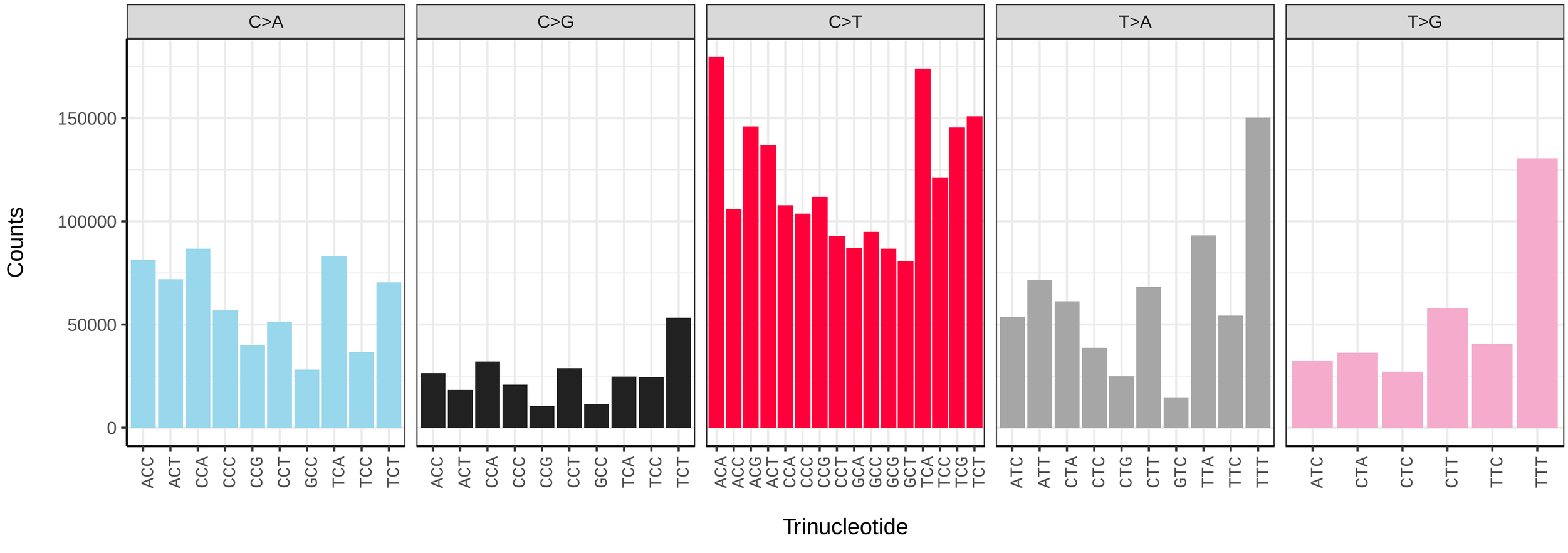
Patella ulyssiponensis (xgPatUlys2) somatic mutational spectrum (SBS96 classification)



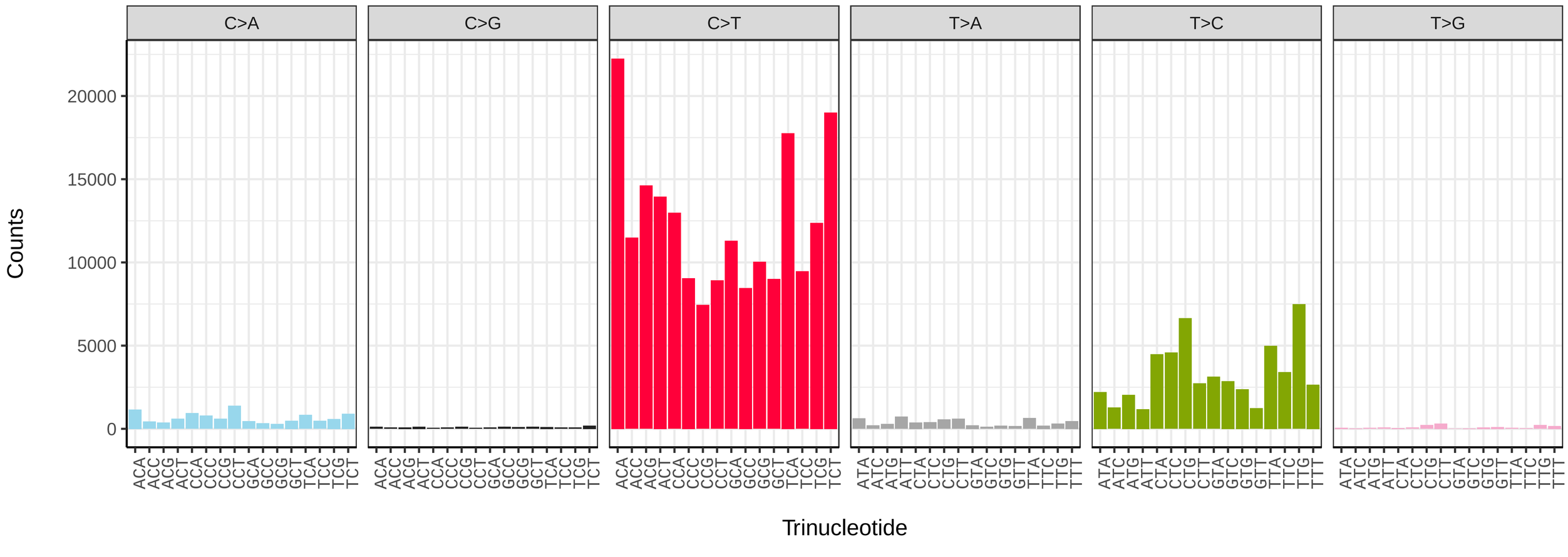
Patella ulyssiponensis (xgPatUlys2) somatic mutational spectrum (SBS52 classification)



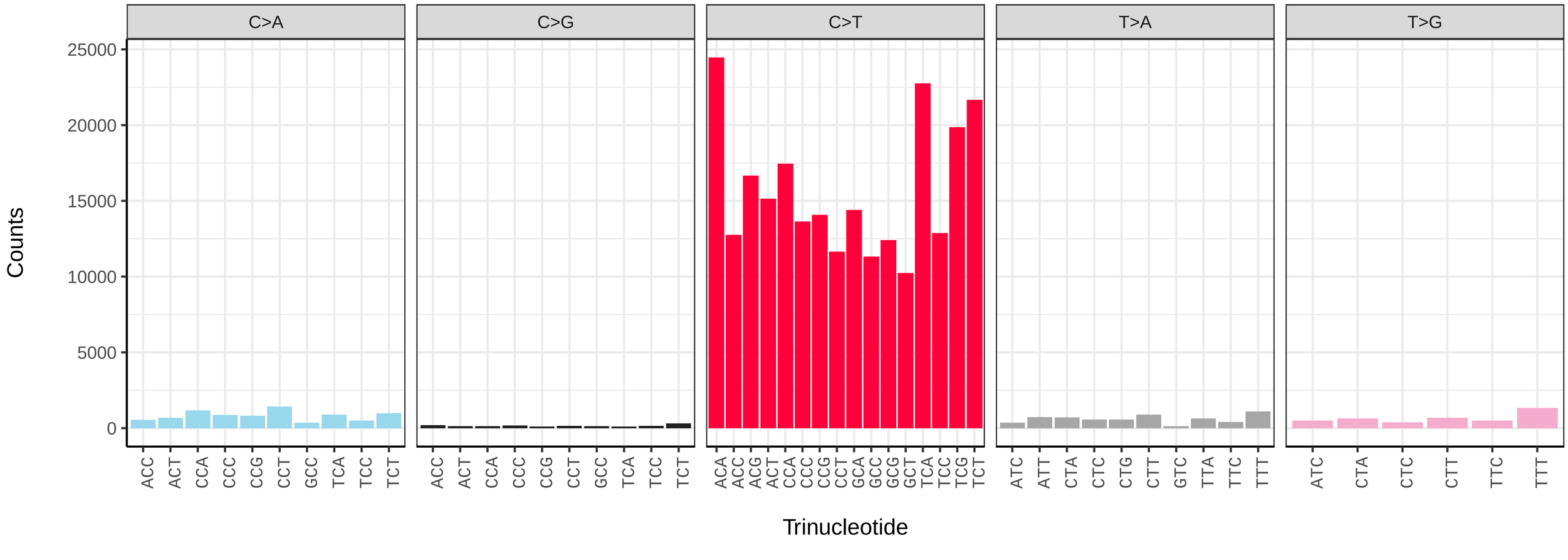
Patella vulgata (xgPatVulg1) germline mutational spectrum



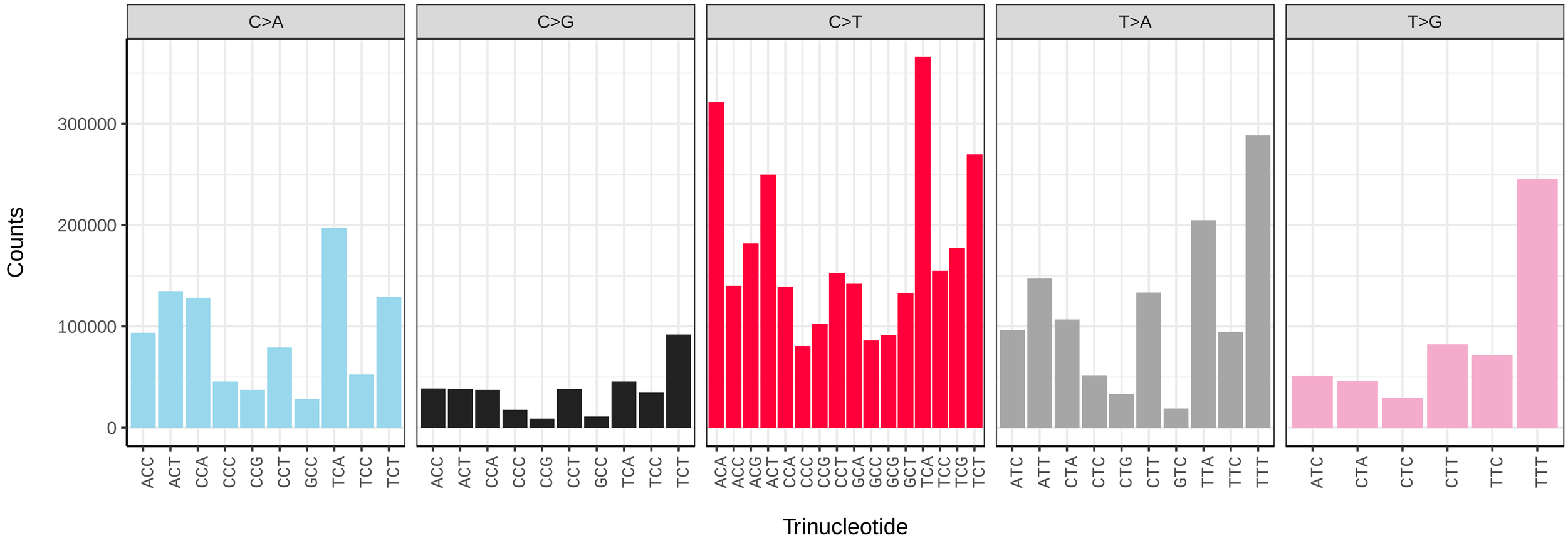
Patella vulgata (xgPatVulg1) somatic mutational spectrum (SBS96 classification)



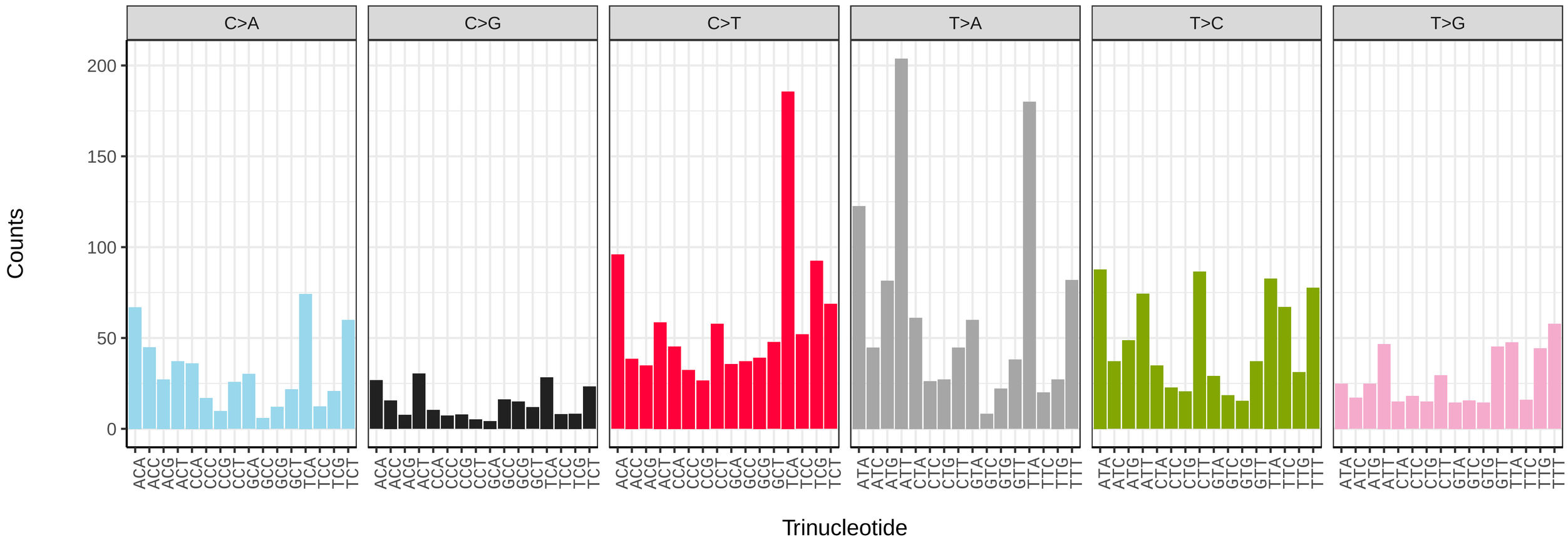
Patella vulgata (xgPatVulg1) somatic mutational spectrum (SBS52 classification)



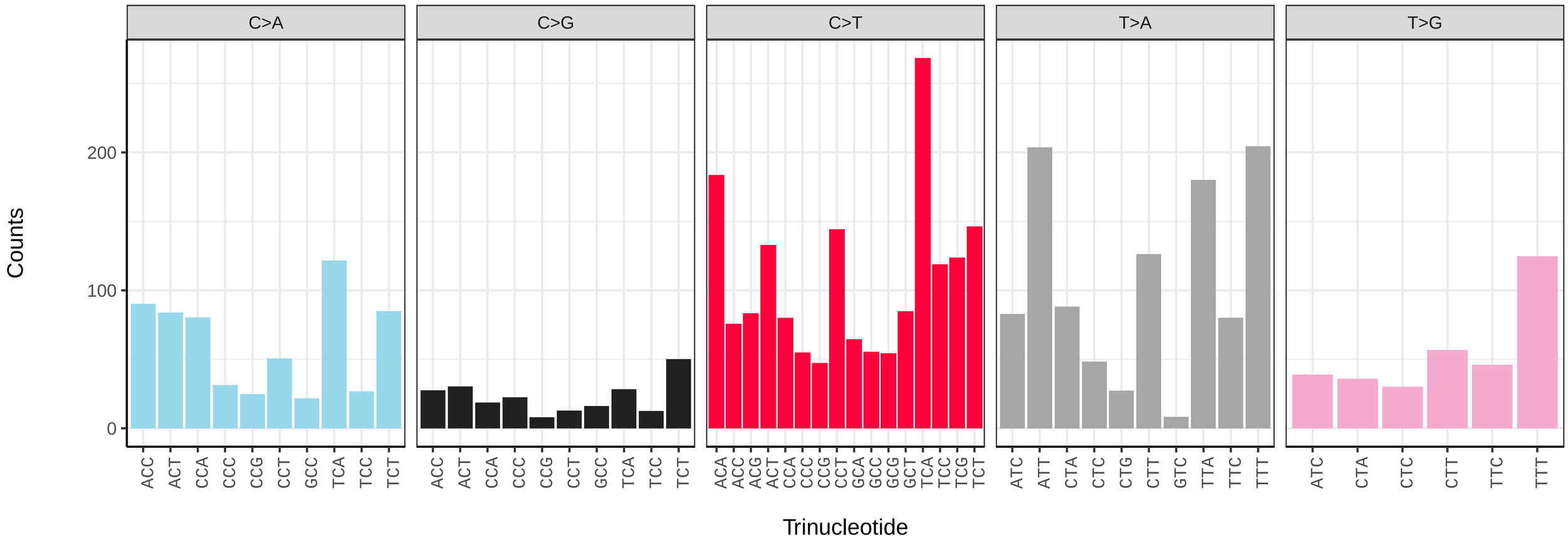
Phorcus lineatus (xgPhoLine1) germline mutational spectrum



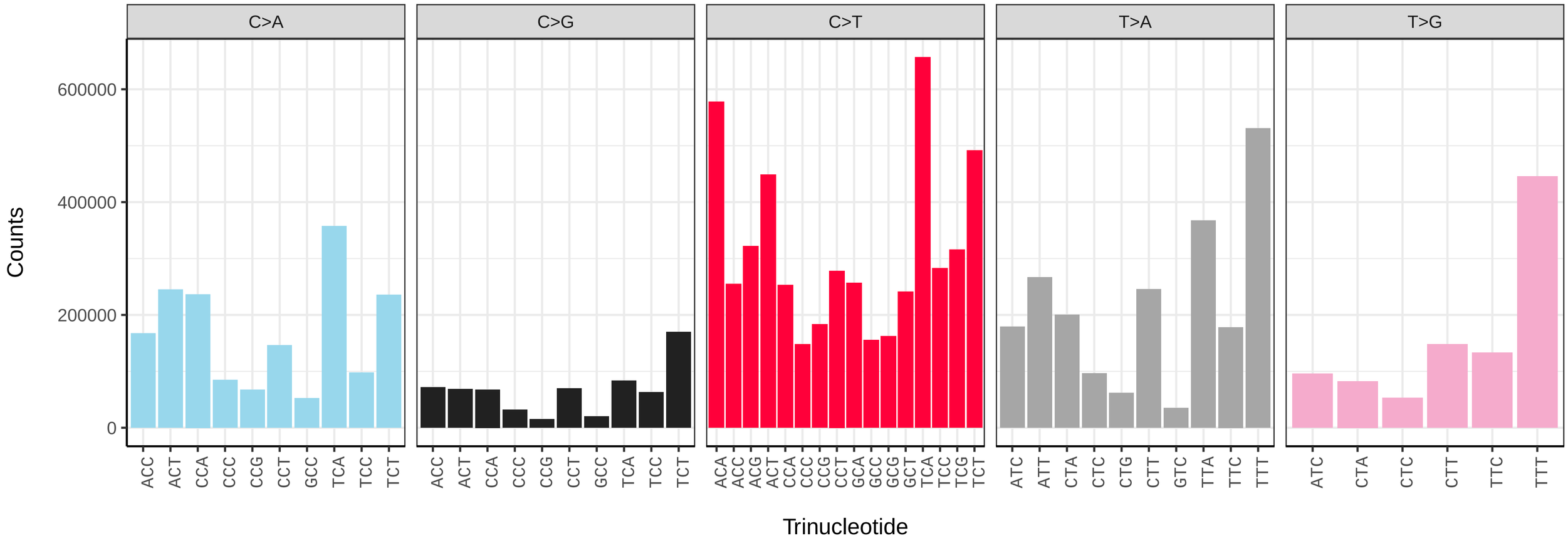
Phorcus lineatus (xgPhoLine1) somatic mutational spectrum (SBS96 classification)



Phorcus lineatus (xgPhoLine1) somatic mutational spectrum (SBS52 classification)



Phorcus lineatus (xgPhoLine1.PHORD0020b) germline mutational spectrum



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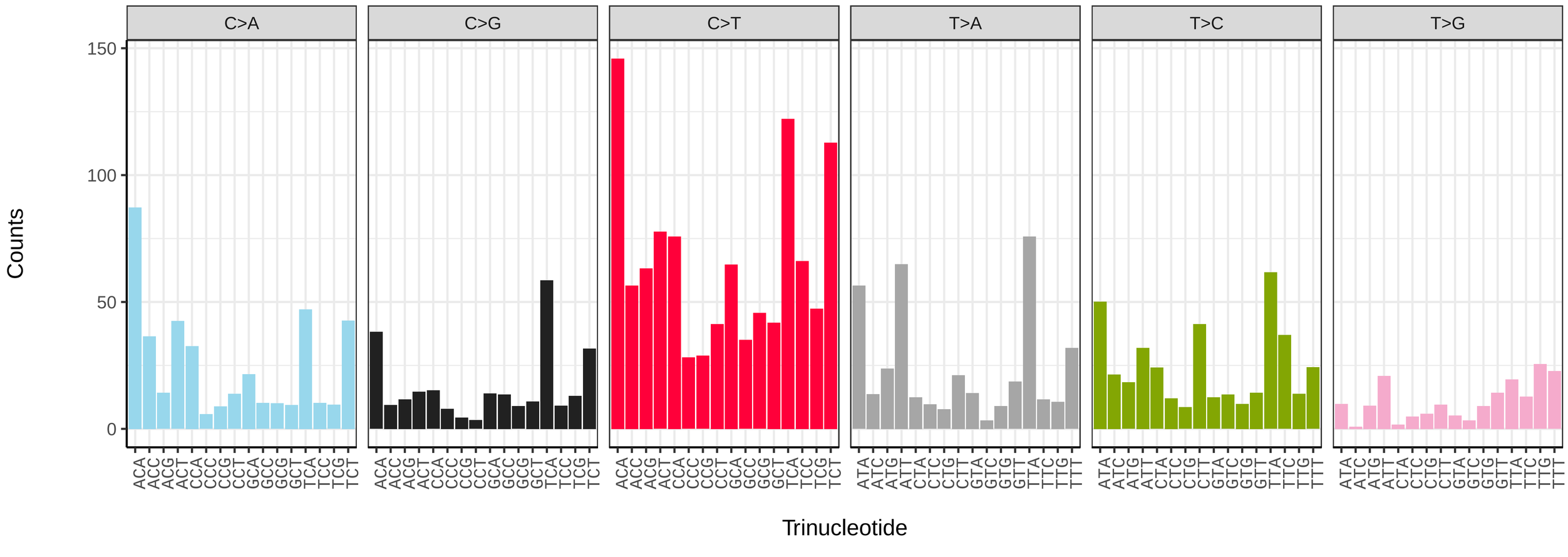

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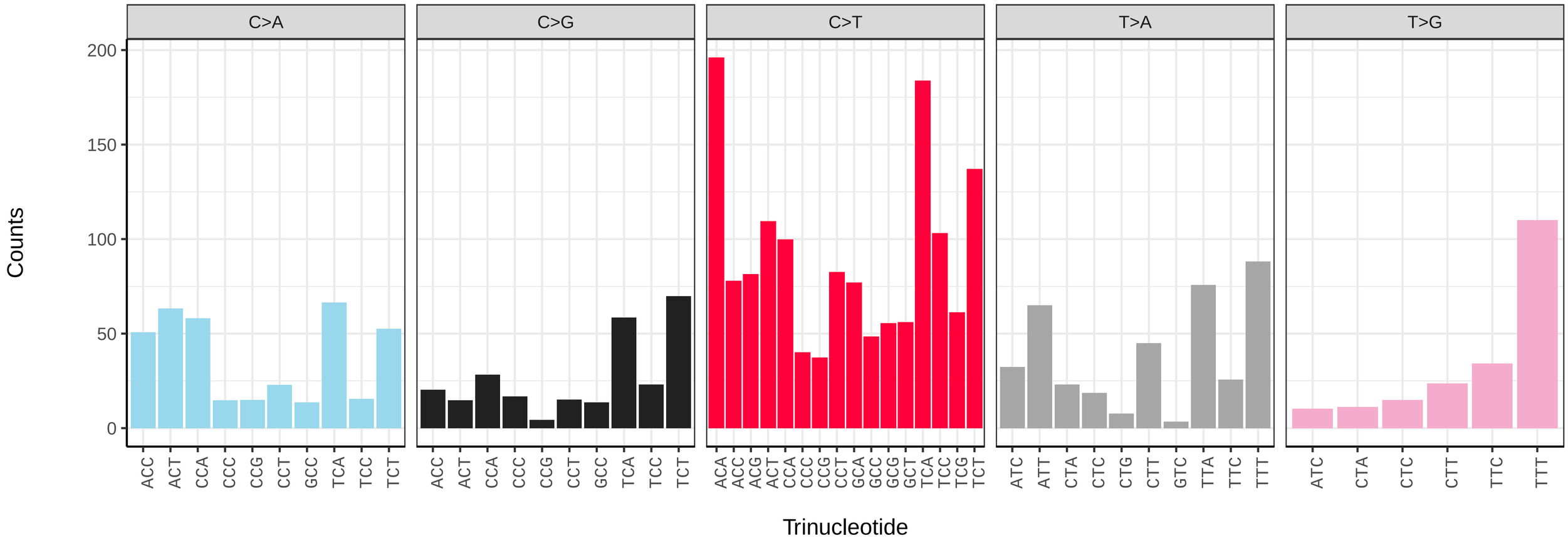
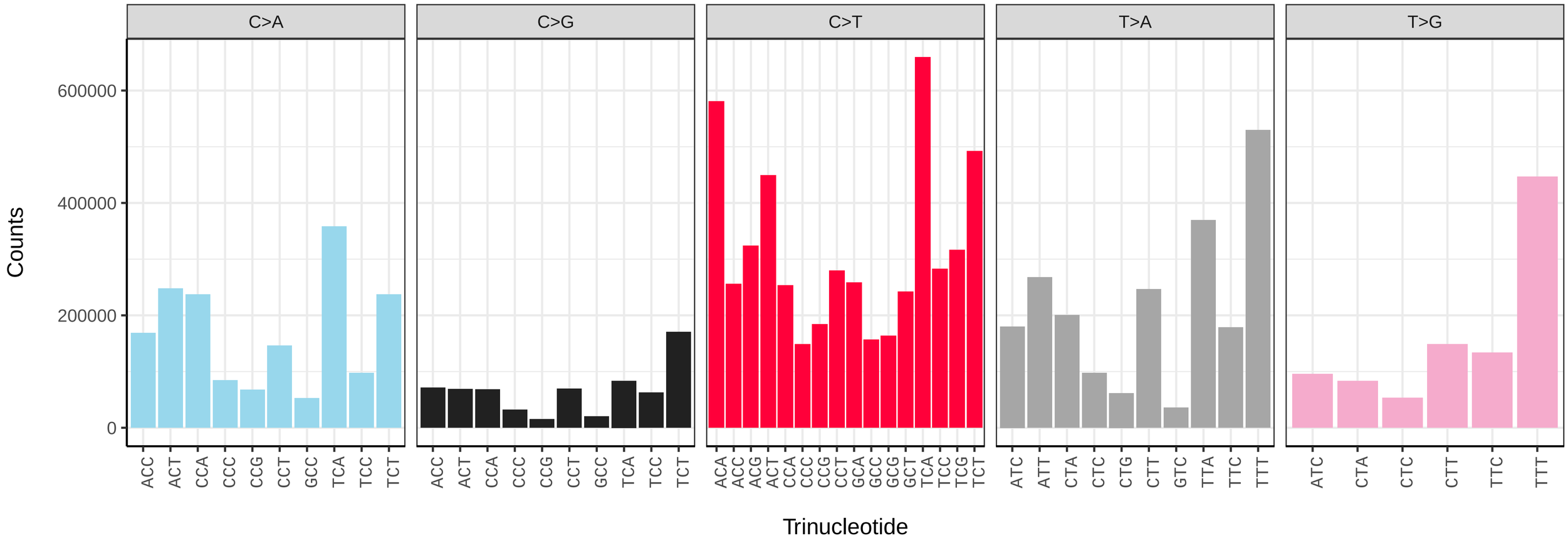
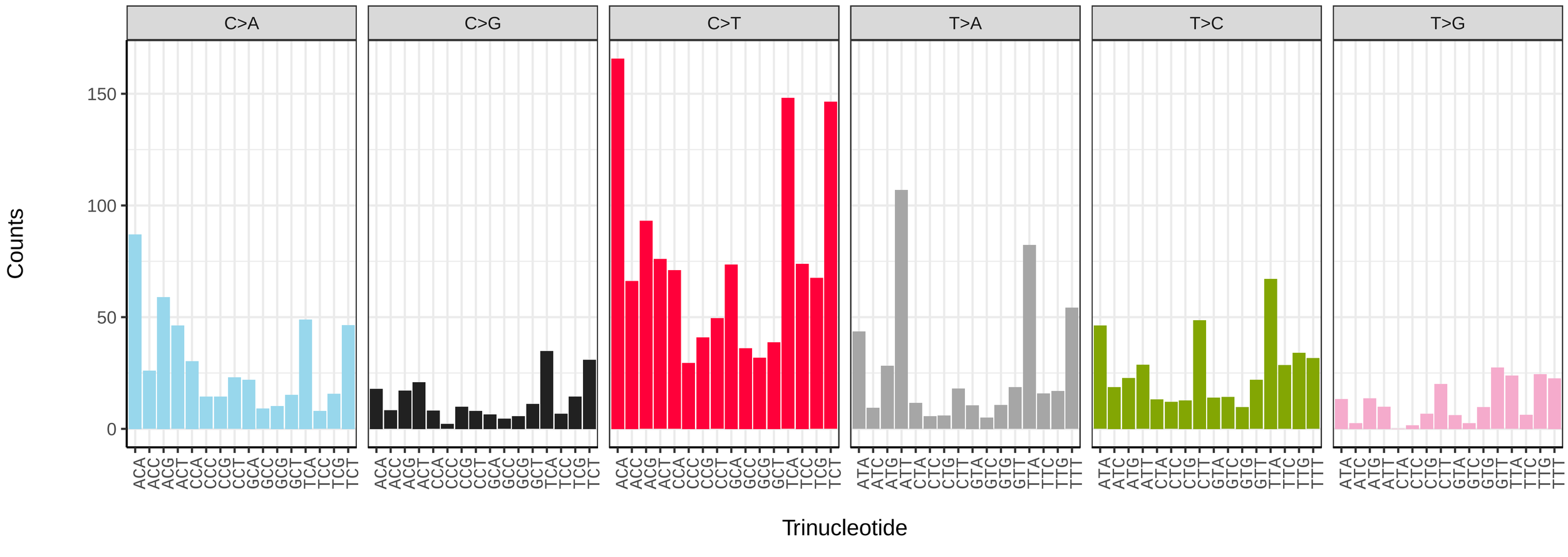


Phorcus lineatus (xgPhoLine1.PHORD0021b) germline mutational spectrum



Phorcus lineatus (xgPhoLine1.PHORD0021b) somatic mutational spectrum (SBS96 classification)



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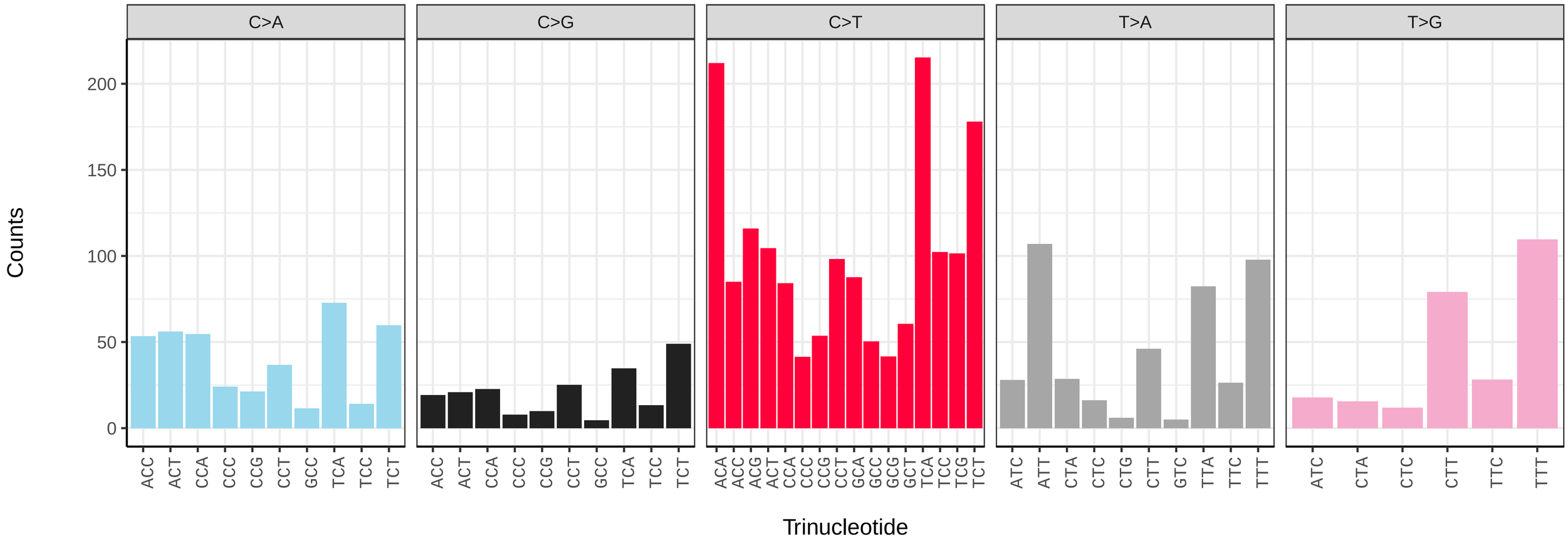
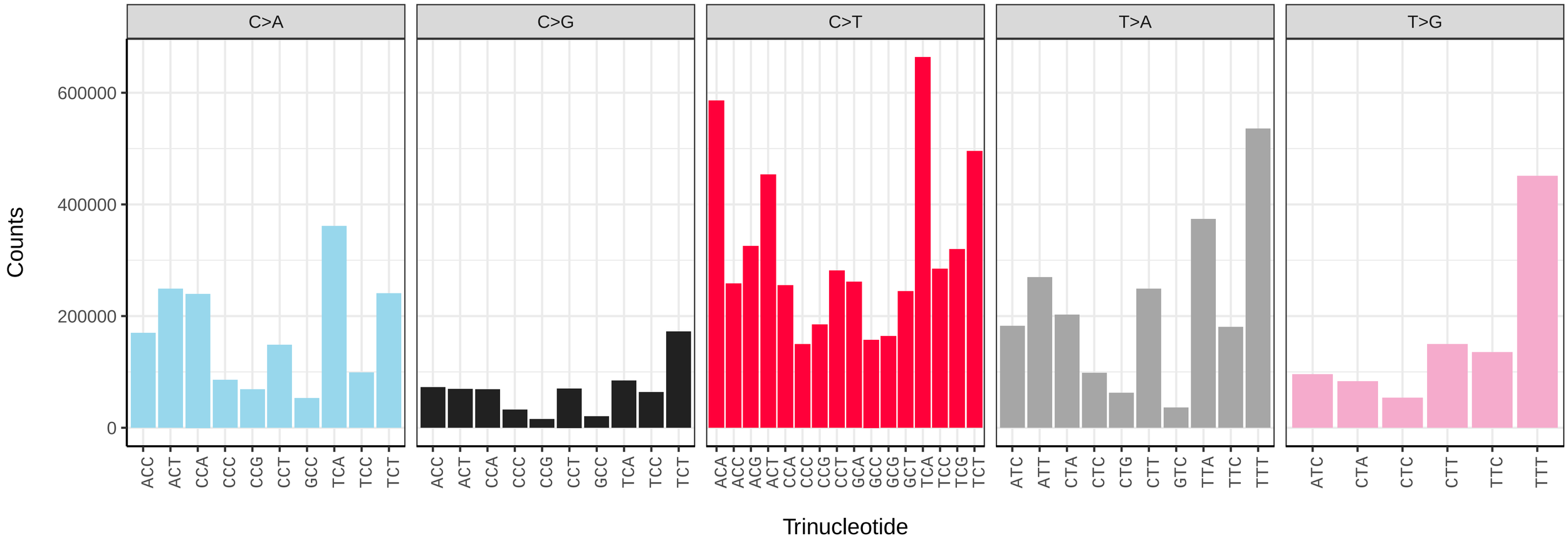
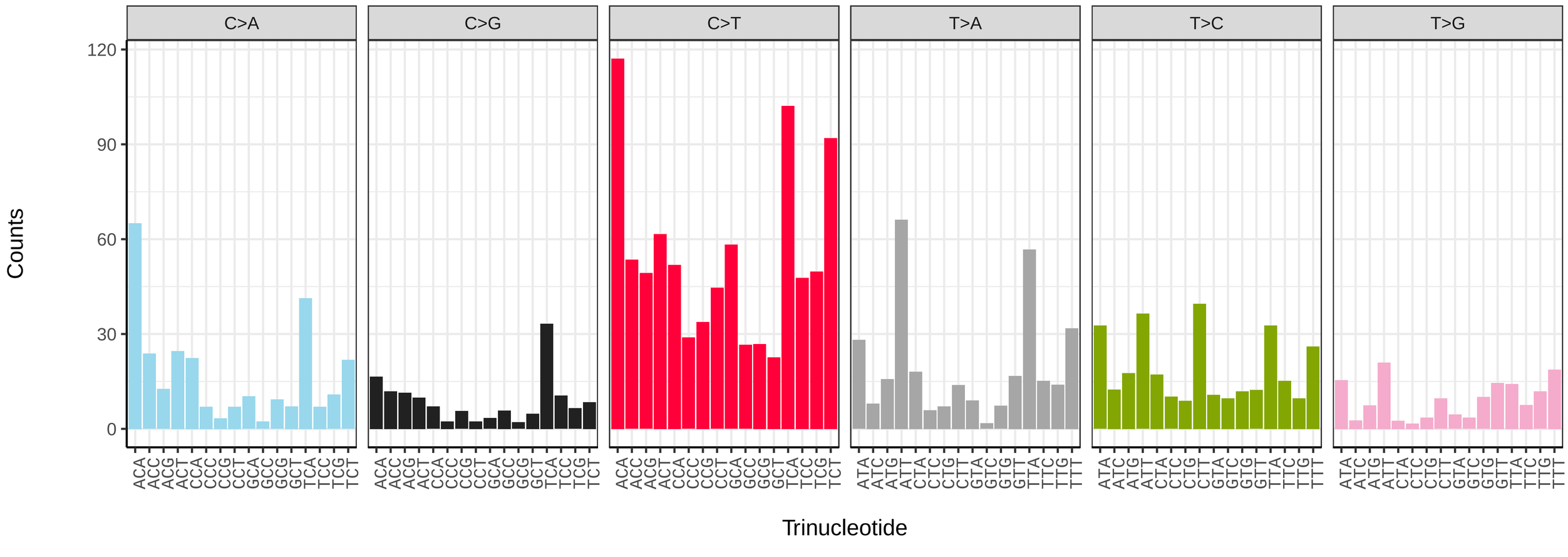


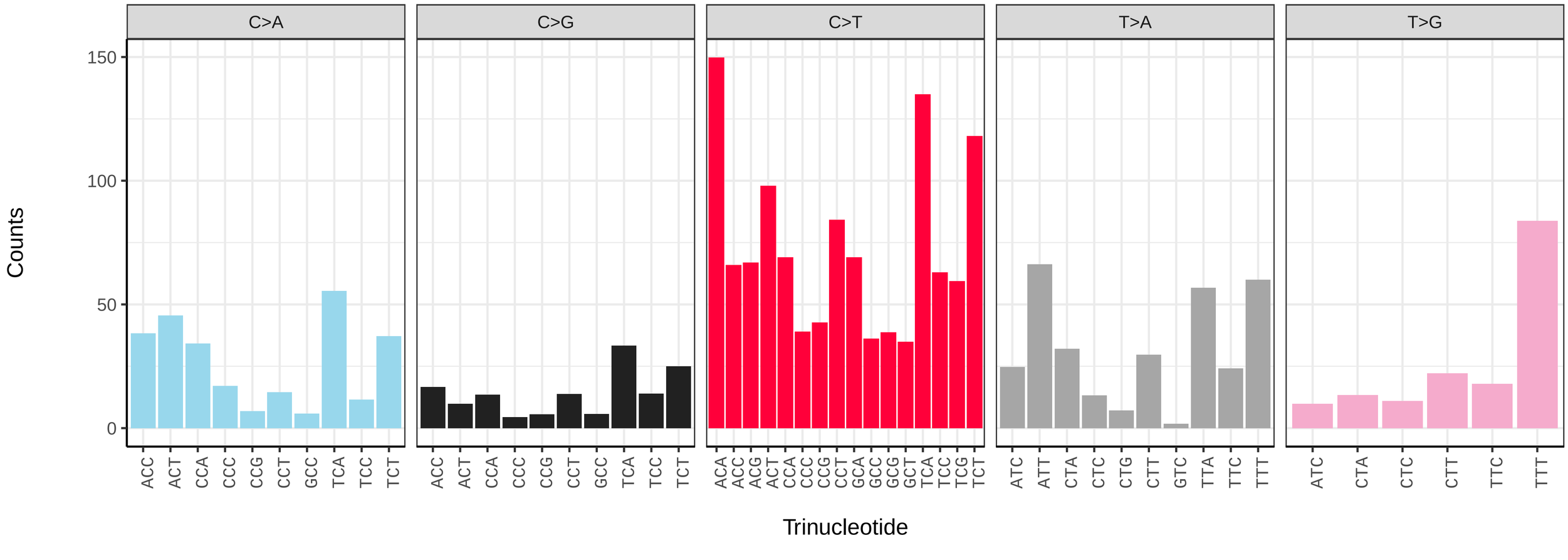
Phorcus lineatus (xgPhoLine1.PHORD0023b) germline mutational spectrum



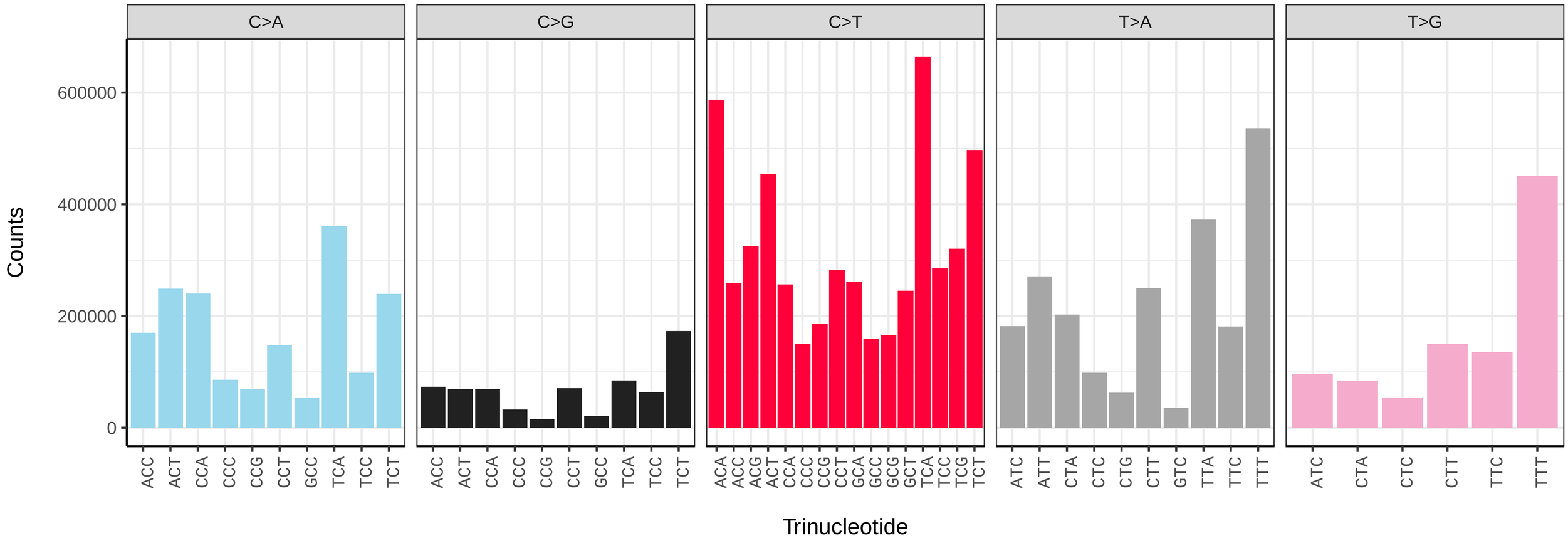
Phorcus lineatus (xgPhoLine1.PHORD0023b) somatic mutational spectrum (SBS96 classification)



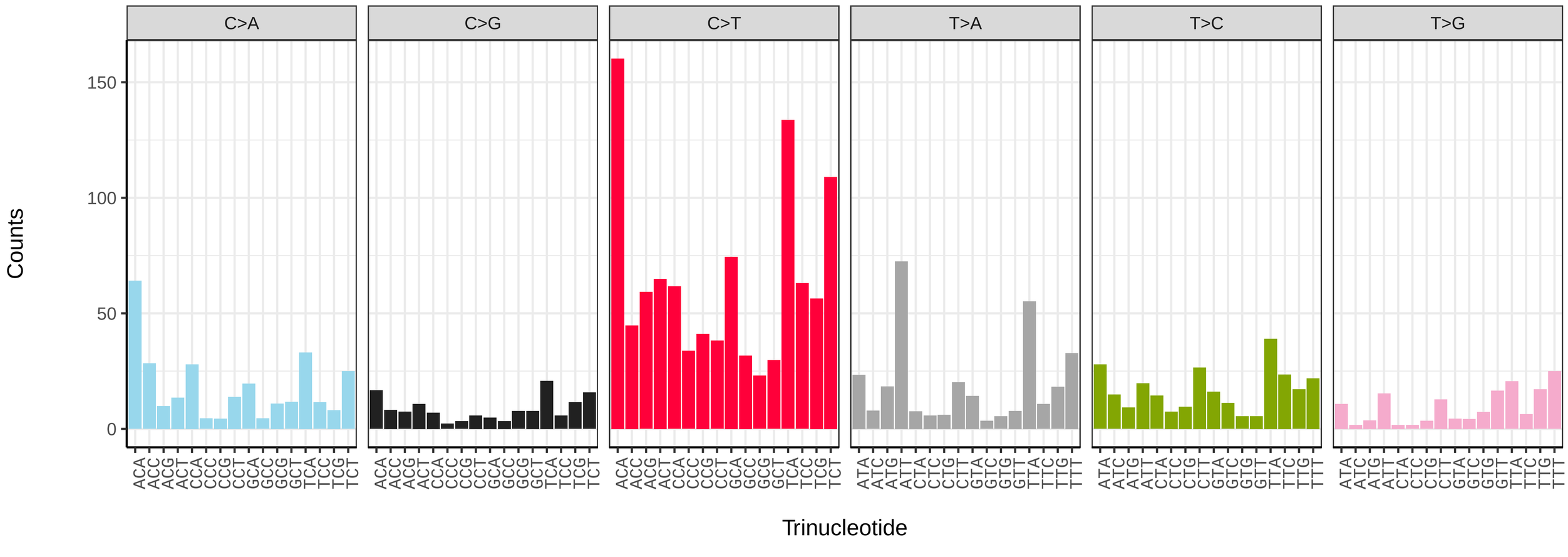
Phorcus lineatus (xgPhoLine1.PHORD0023b) somatic mutational spectrum (SBS52 classification)



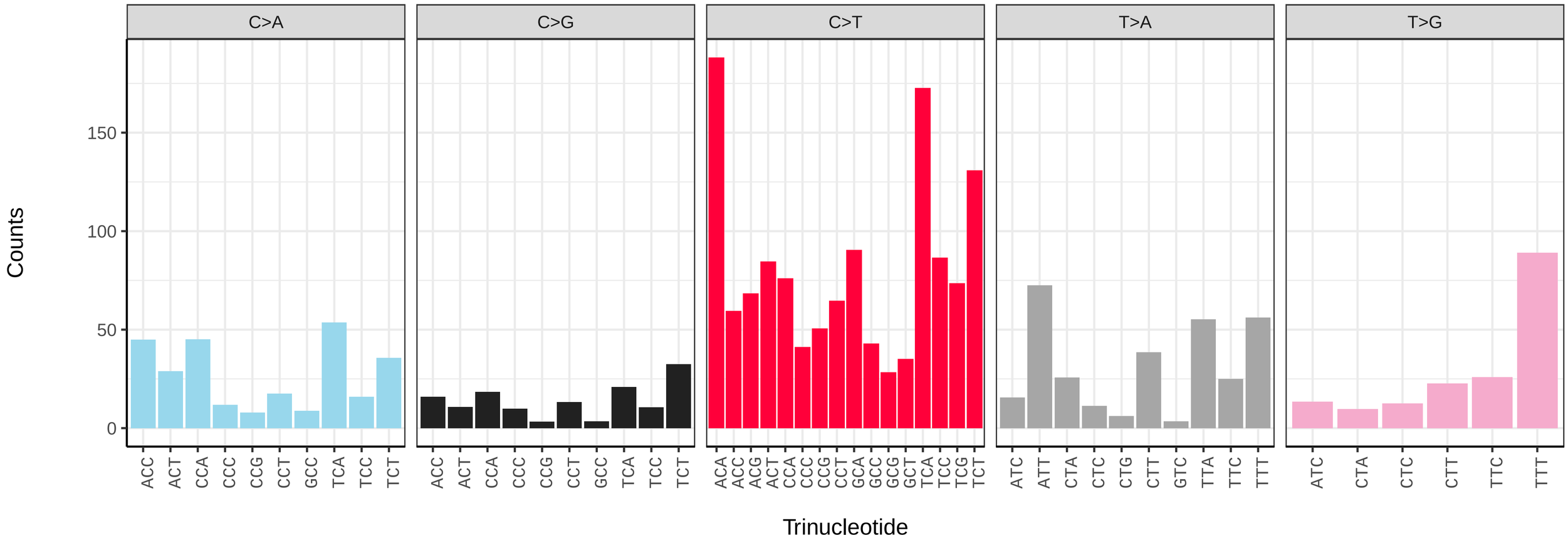
Phorcus lineatus (xgPhoLine1.PHORD0024b) germline mutational spectrum



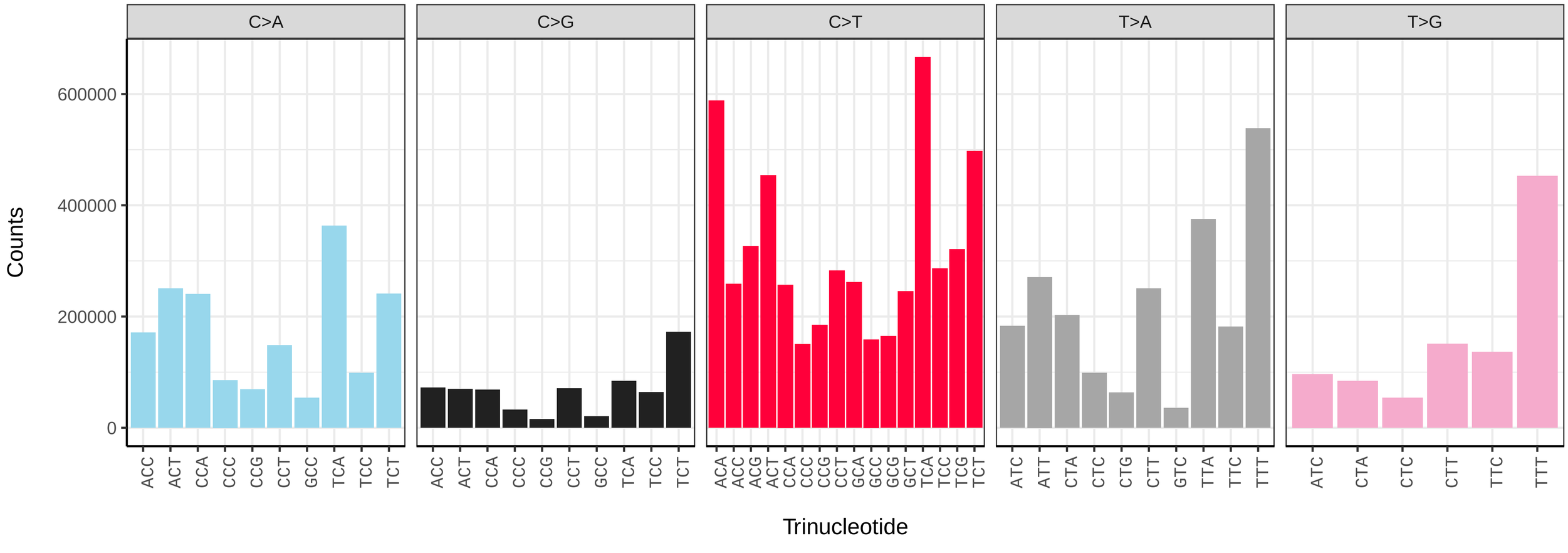
Phorcus lineatus (xgPhoLine1.PHORD0024b) somatic mutational spectrum (SBS96 classification)



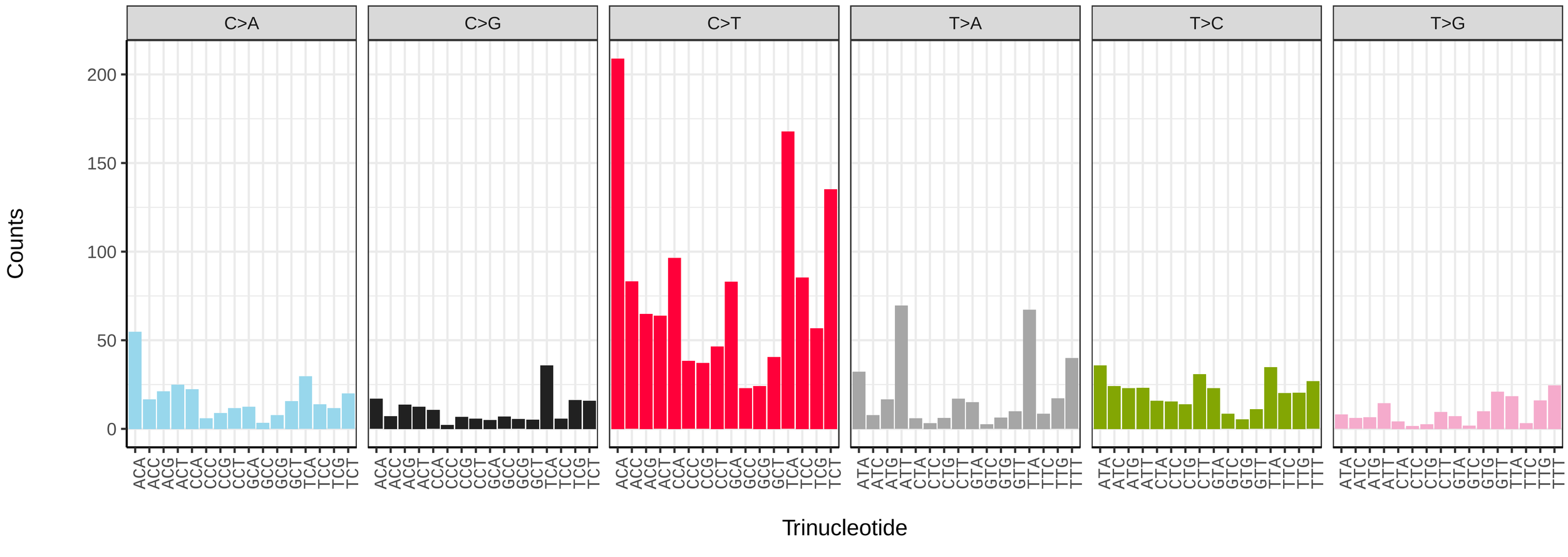
Phorcus lineatus (xgPhoLine1.PHORD0024b) somatic mutational spectrum (SBS52 classification)



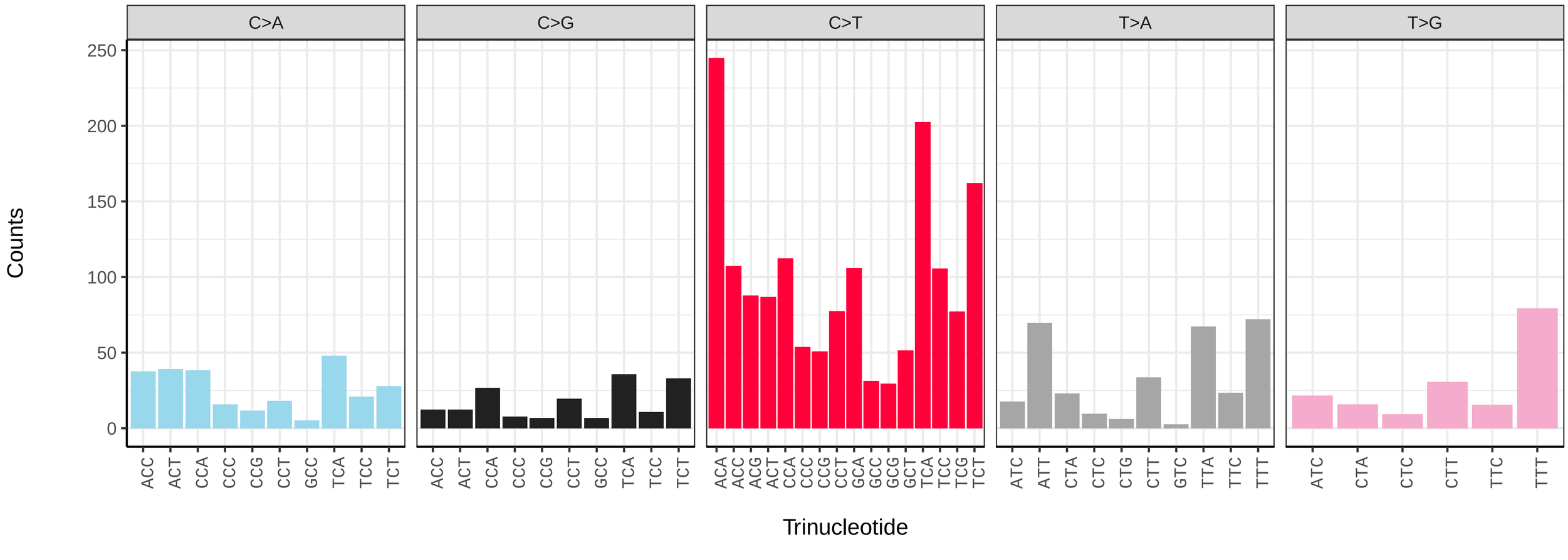
Phorcus lineatus (xgPhoLine1.PHORD0030b) germline mutational spectrum



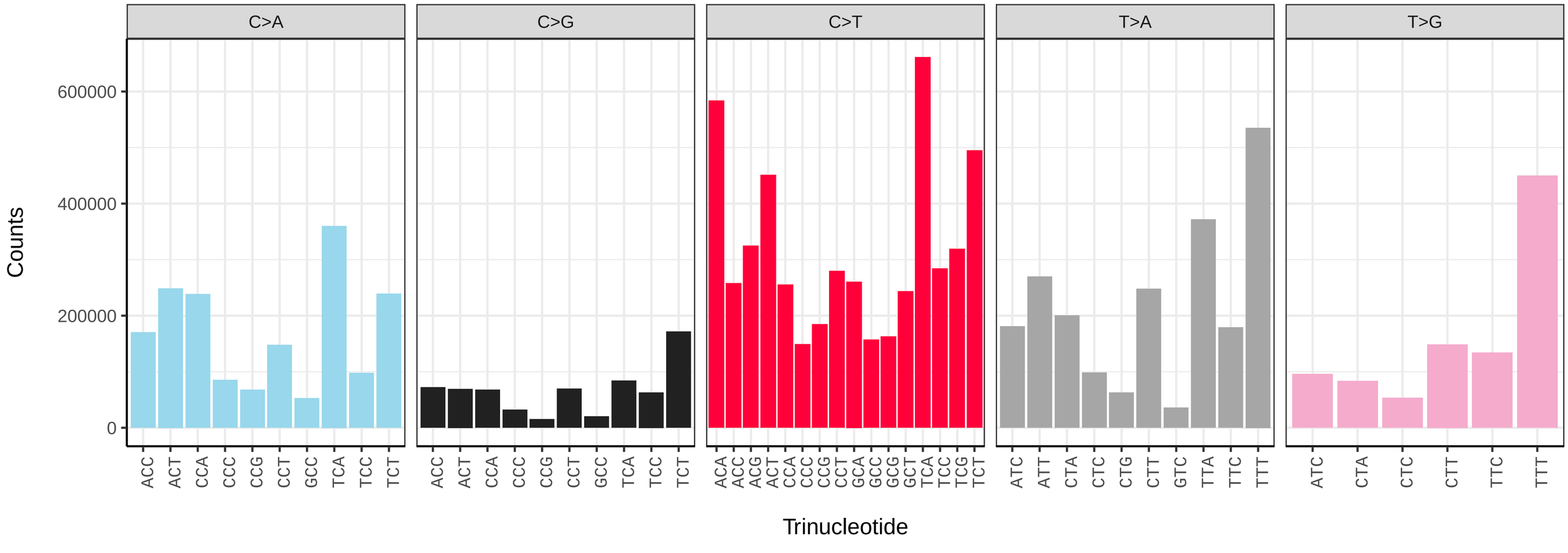
Phorcus lineatus (xgPhoLine1.PHORD0030b) somatic mutational spectrum (SBS96 classification)



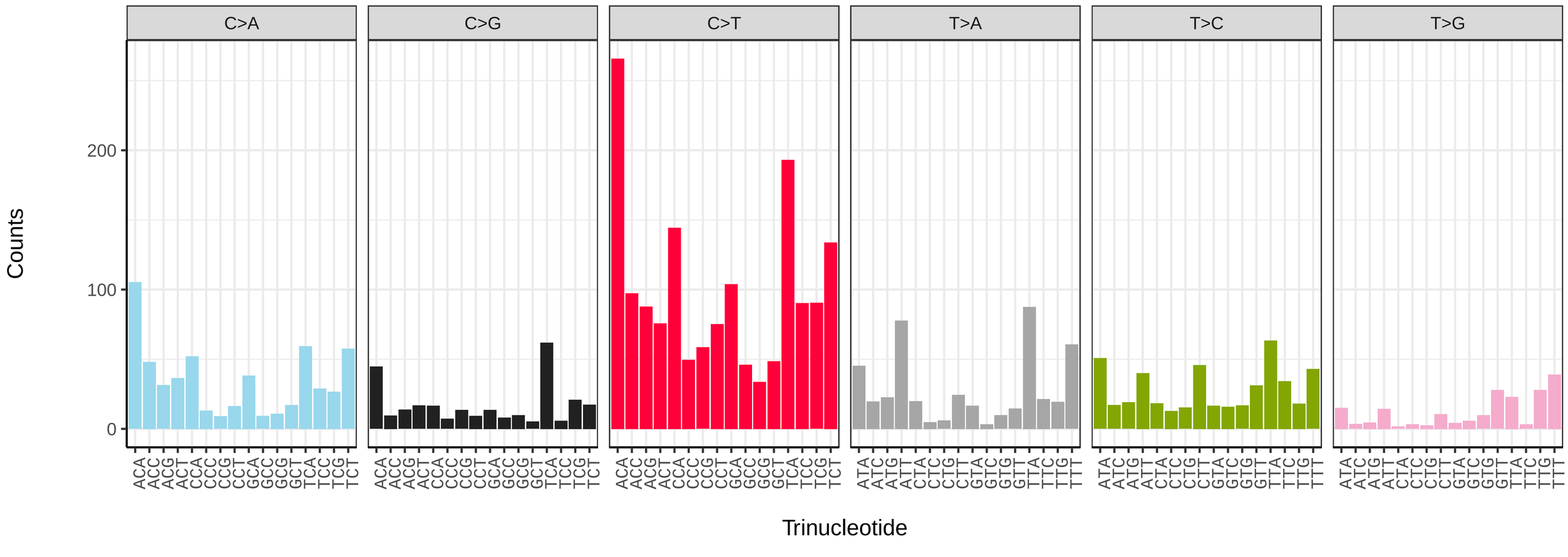
Phorcus lineatus (xgPhoLine1.PHORD0030b) somatic mutational spectrum (SBS52 classification)



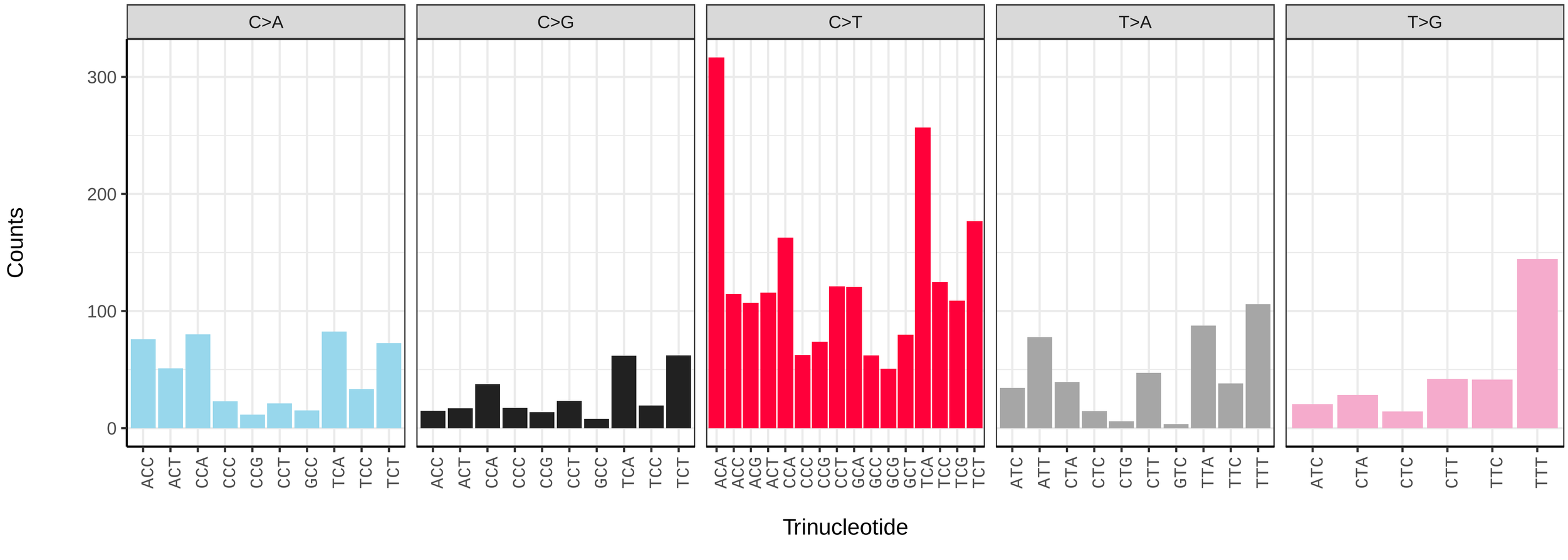
Phorcus lineatus (xgPhoLine1.PHORD0031b) germline mutational spectrum



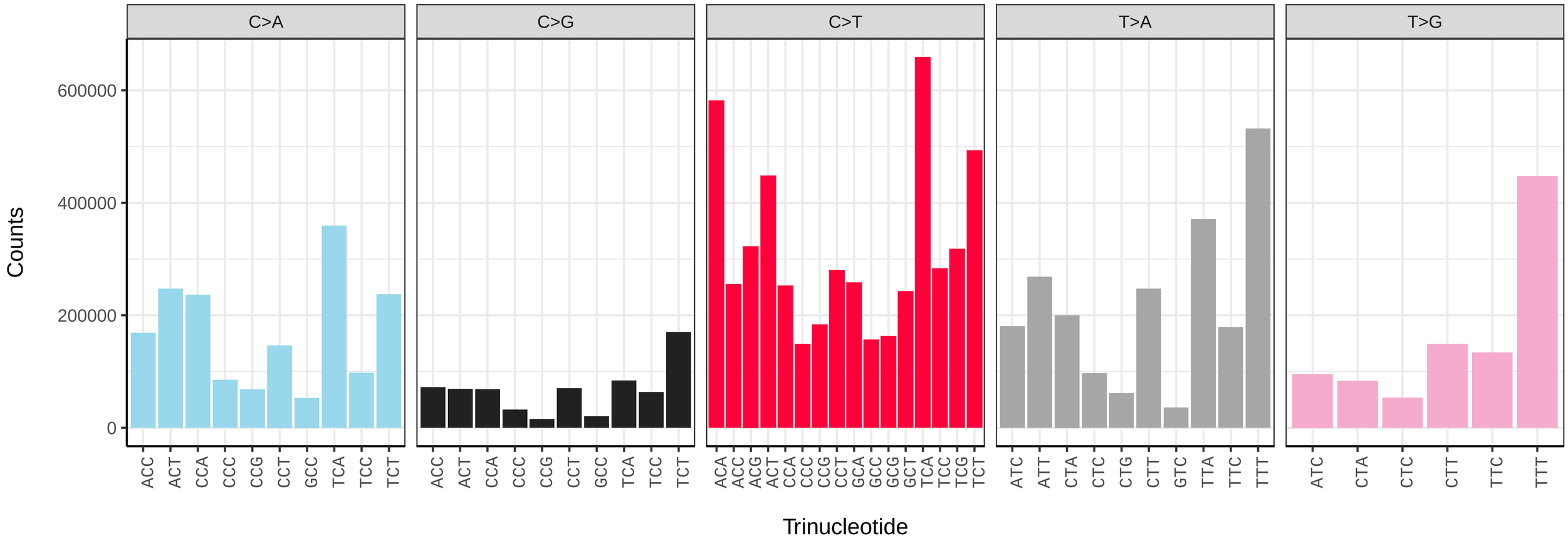
Phorcus lineatus (xgPhoLine1.PHORD0031b) somatic mutational spectrum (SBS96 classification)



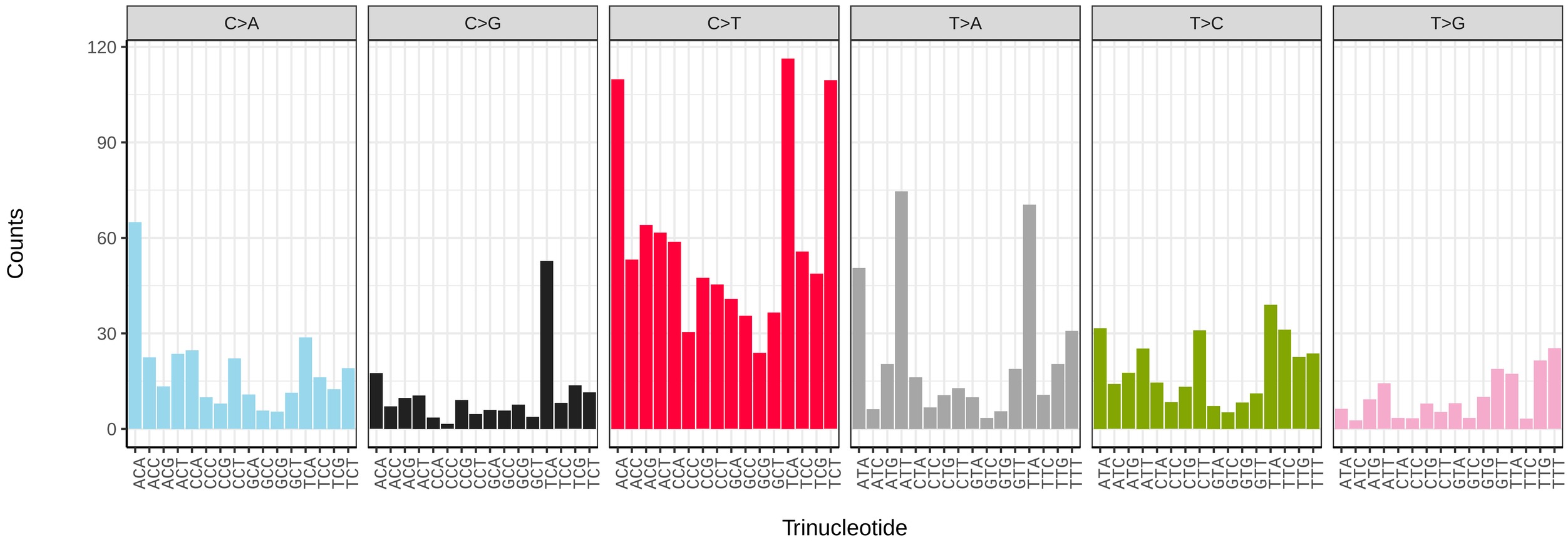
Phorcus lineatus (xgPhoLine1.PHORD0031b) somatic mutational spectrum (SBS52 classification)



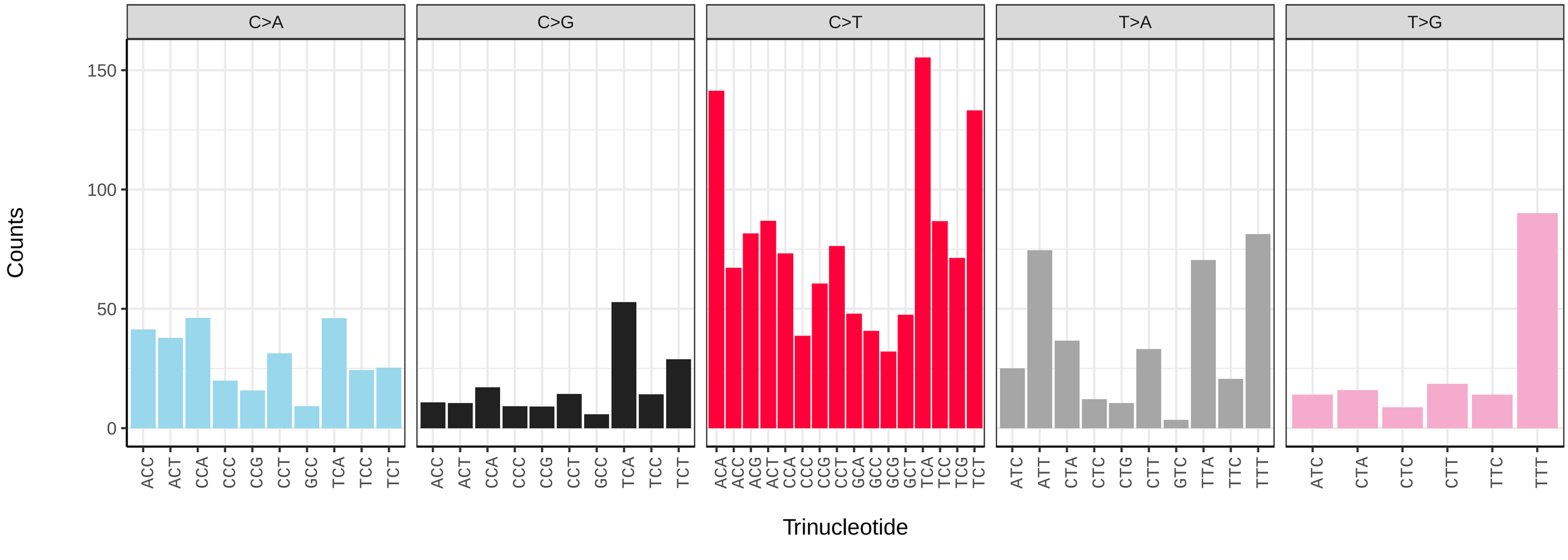
Phorcus lineatus (xgPhoLine1.PHORD0034b) germline mutational spectrum



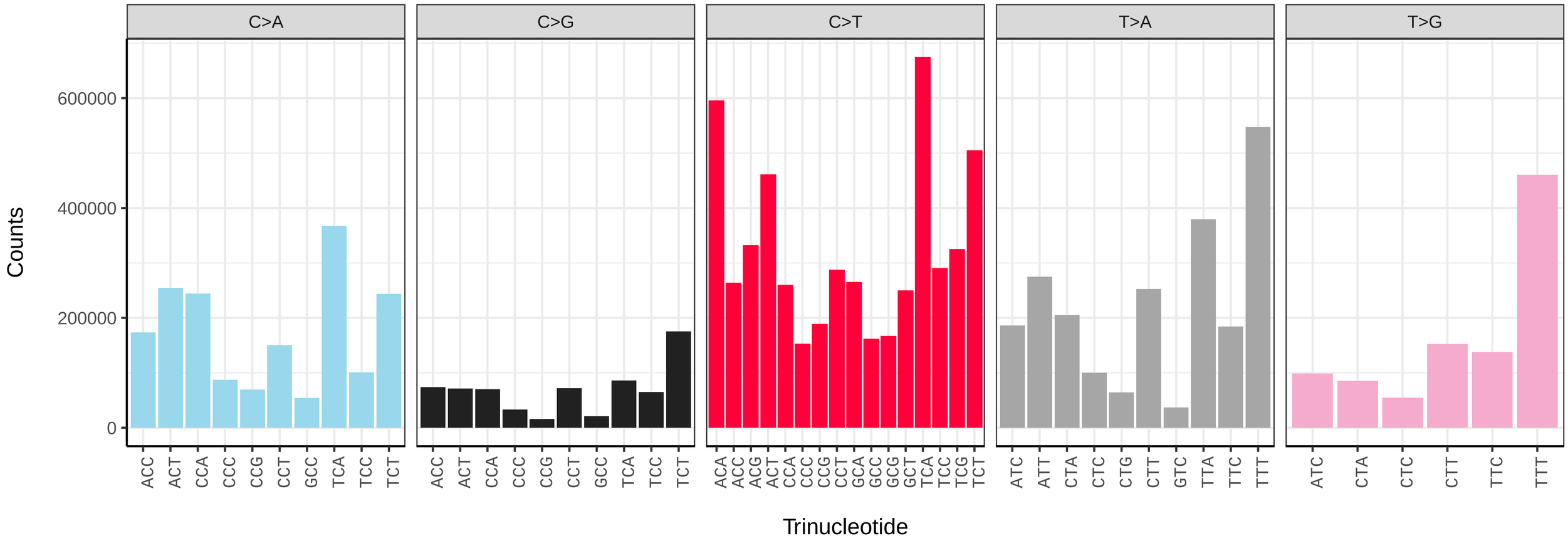
Phorcus lineatus (xgPhoLine1.PHORD0034b) somatic mutational spectrum (SBS96 classification)



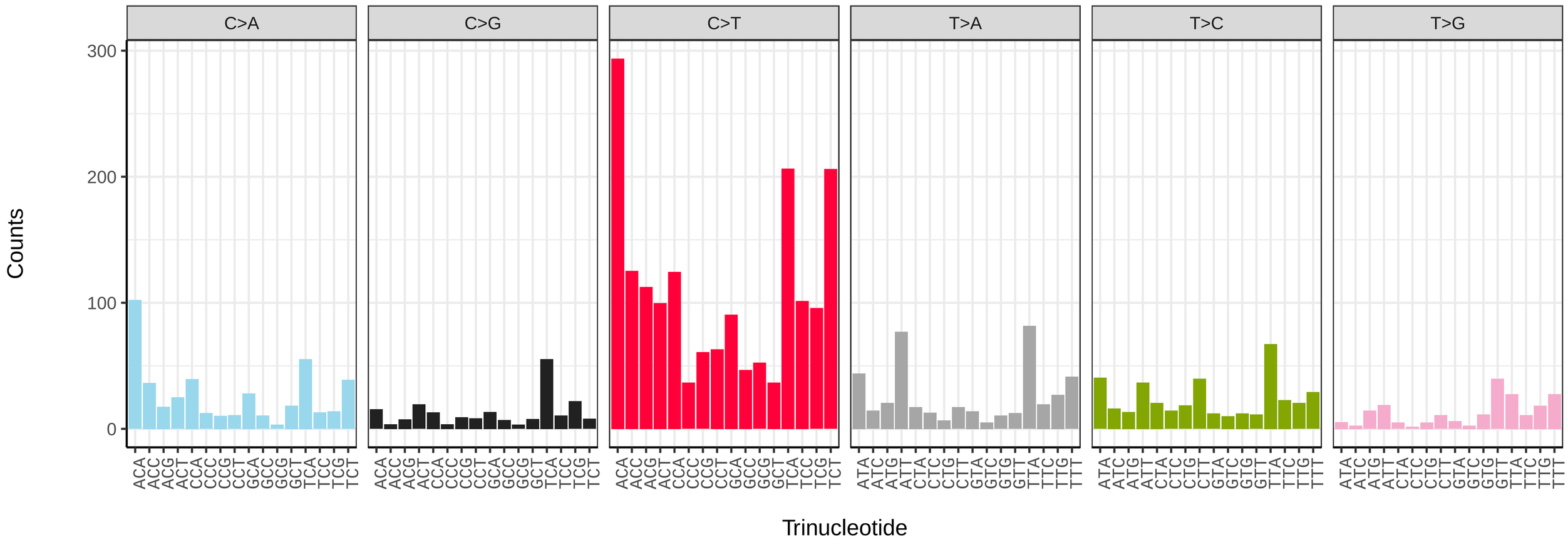
Phorcus lineatus (xgPhoLine1.PHORD0034b) somatic mutational spectrum (SBS52 classification)



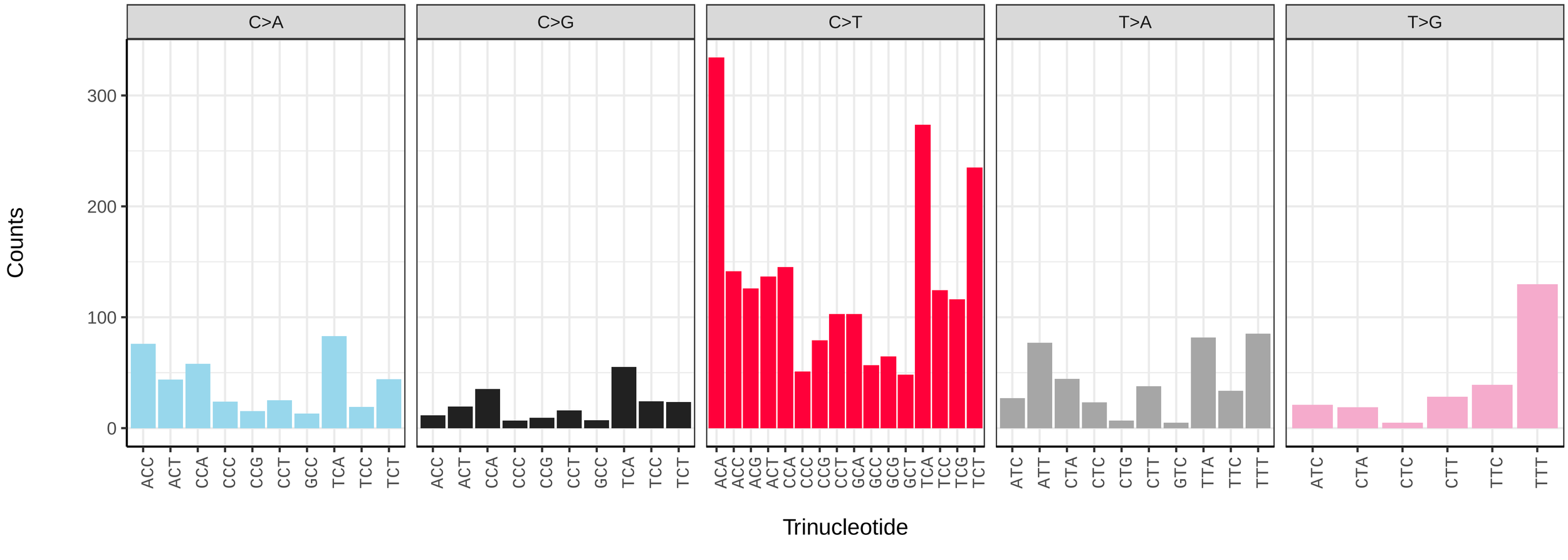
Phorcus lineatus (xgPhoLine1.PHORD0038b) germline mutational spectrum



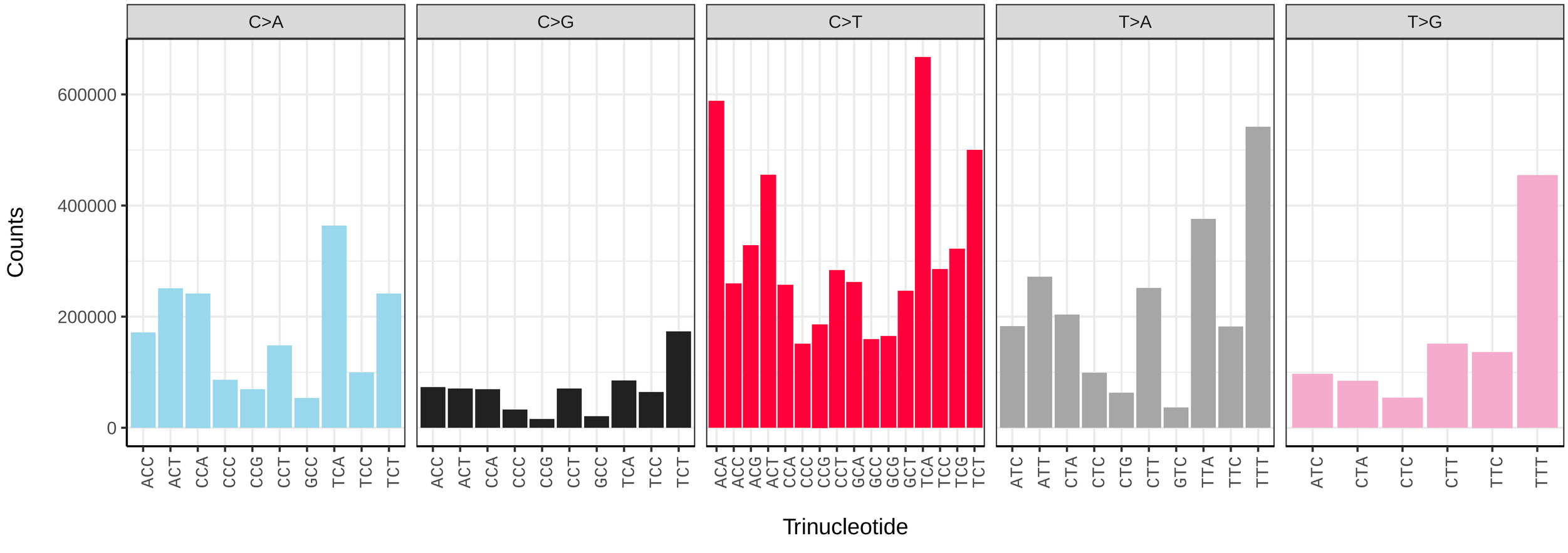
Phorcus lineatus (xgPhoLine1.PHORD0038b) somatic mutational spectrum (SBS96 classification)



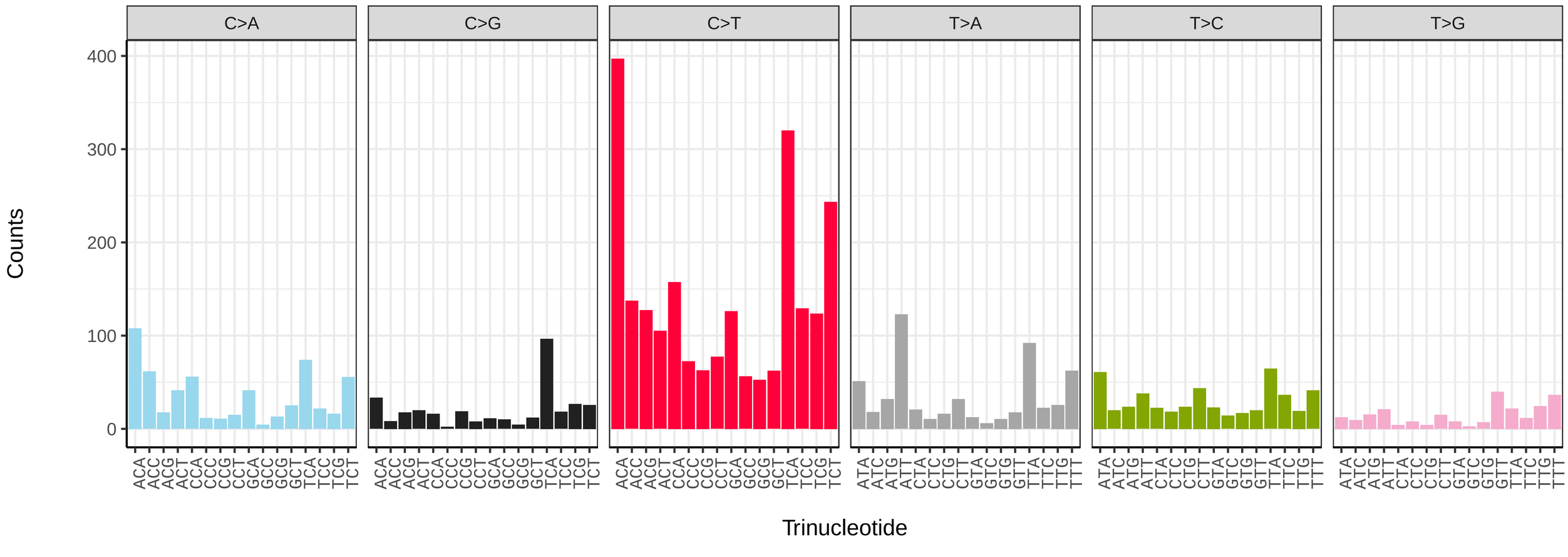
Phorcus lineatus (xgPhoLine1.PHORD0038b) somatic mutational spectrum (SBS52 classification)



Phorcus lineatus (xgPhoLine1.PHORD0051b) germline mutational spectrum



Phorcus lineatus (xgPhoLine1.PHORD0051b) somatic mutational spectrum (SBS96 classification)



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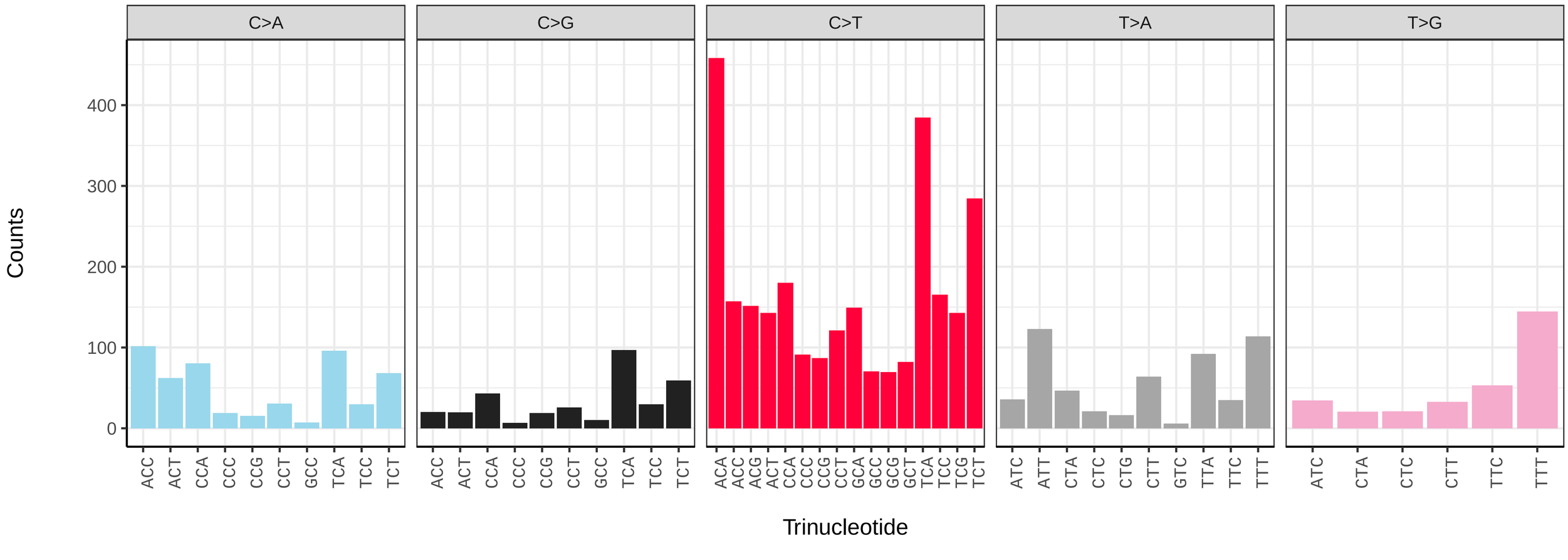
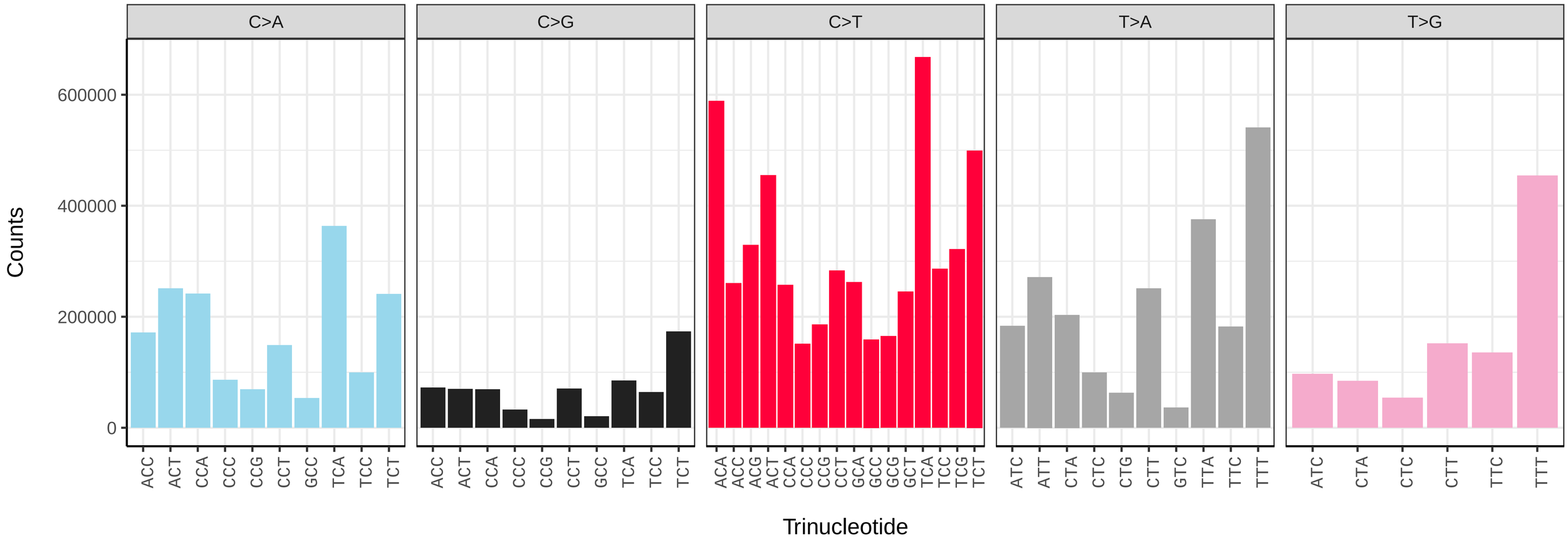
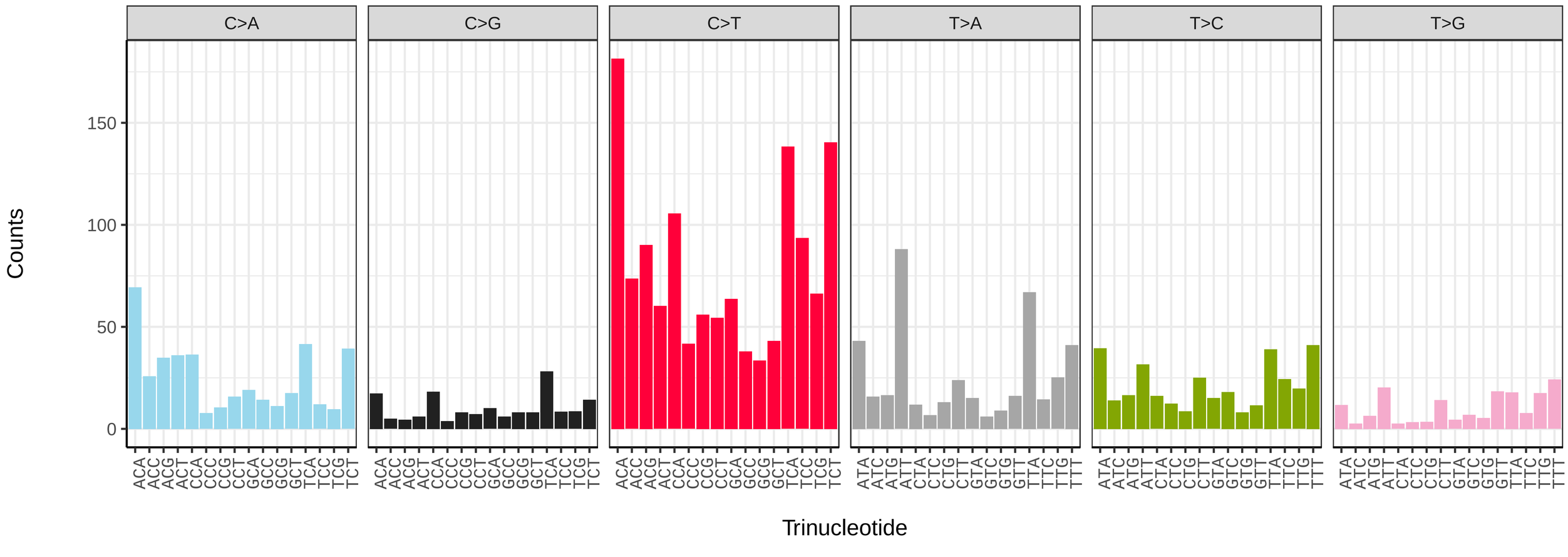


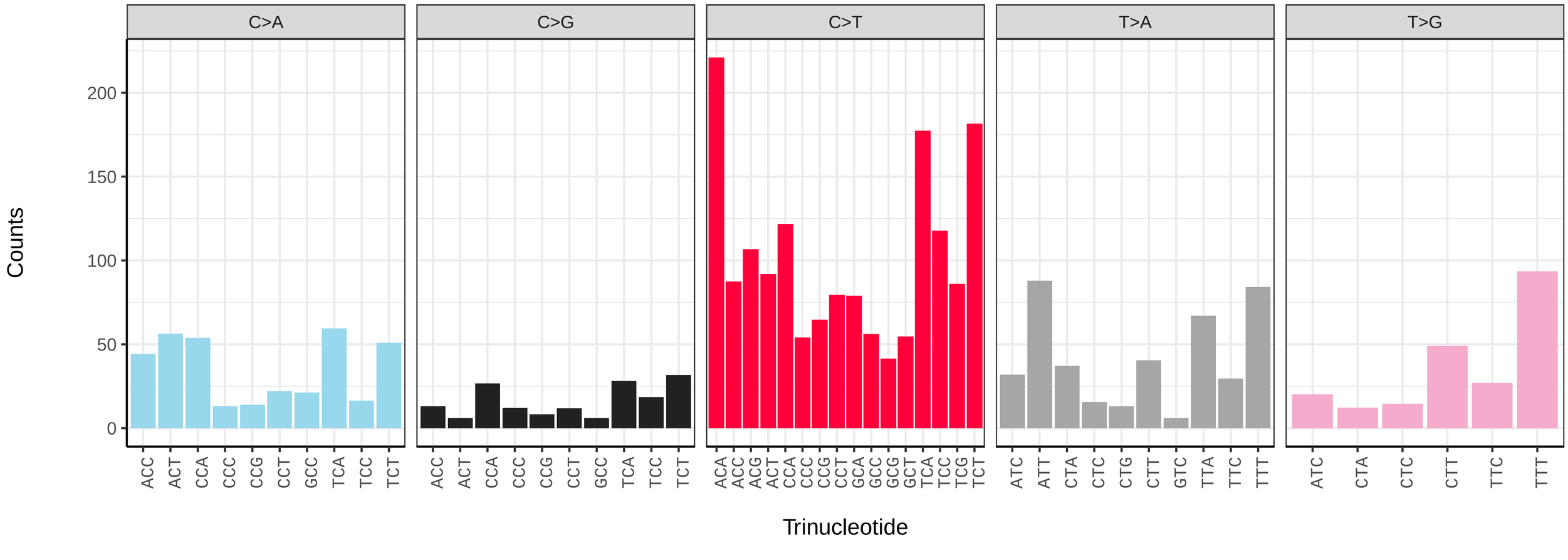
Phorcus lineatus (xgPhoLine1.PHORD0058b) germline mutational spectrum



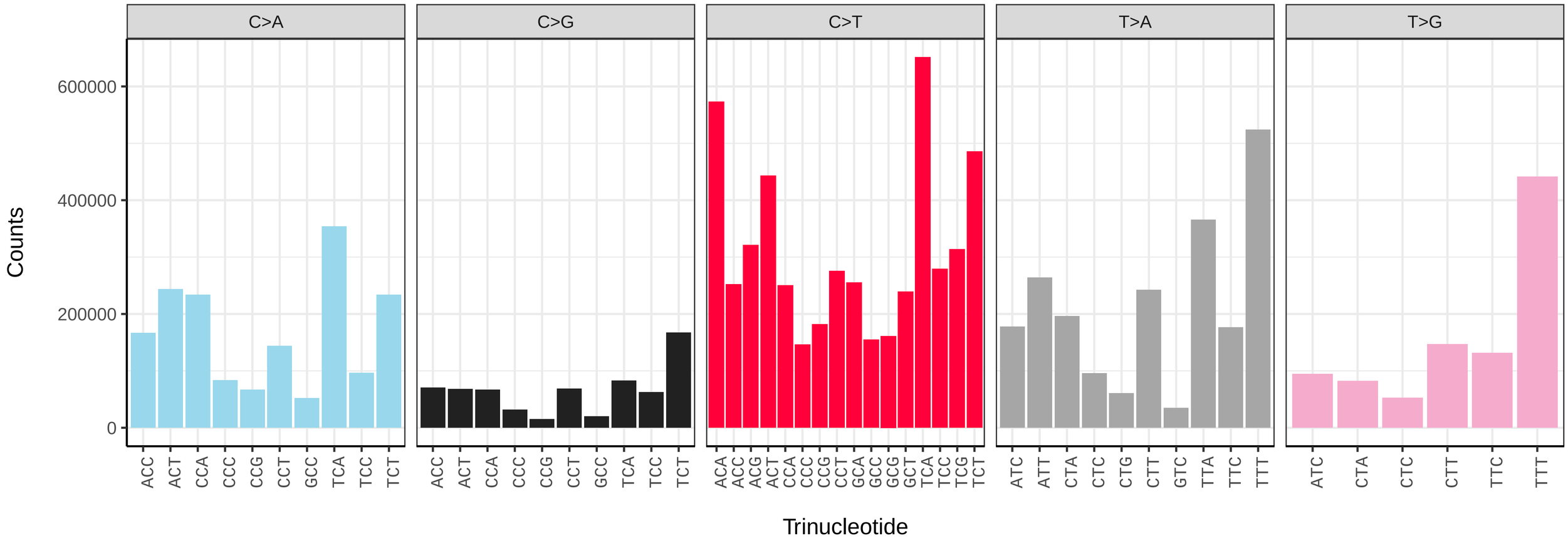
Phorcus lineatus (xgPhoLine1.PHORD0058b) somatic mutational spectrum (SBS96 classification)



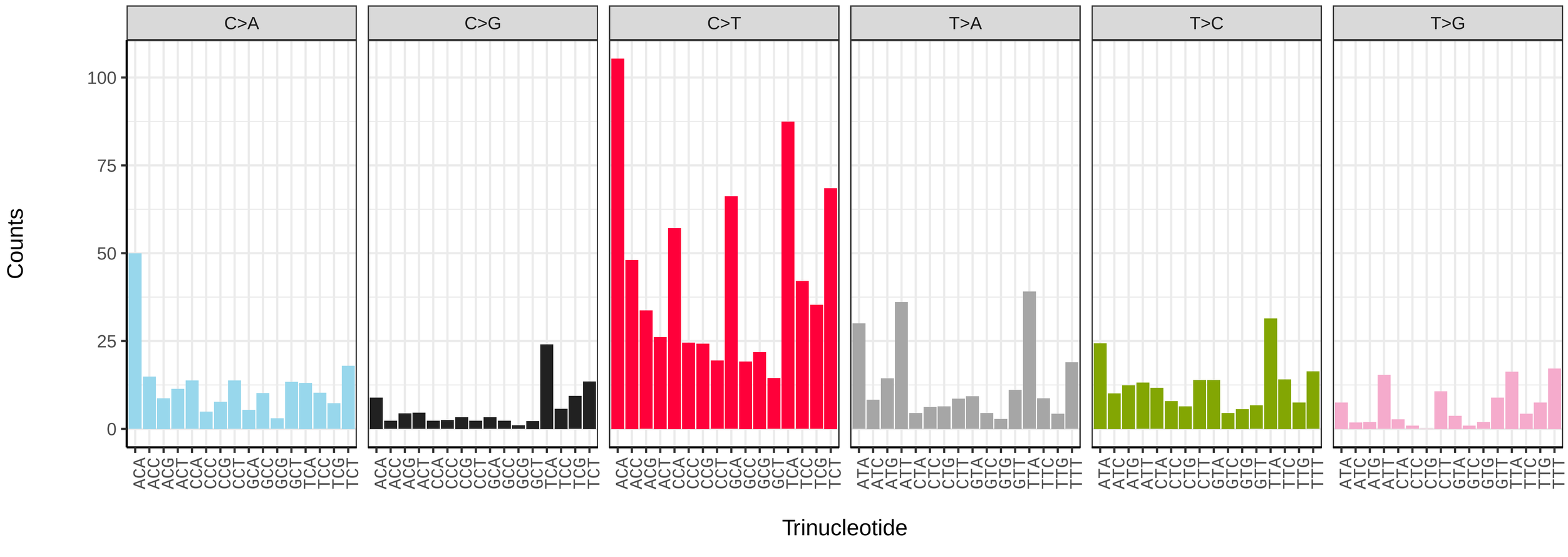
Phorcus lineatus (xgPhoLine1.PHORD0058b) somatic mutational spectrum (SBS52 classification)



Phorcus lineatus (xgPhoLine1.PHORD0060b) germline mutational spectrum



Phorcus lineatus (xgPhoLine1.PHORD0060b) somatic mutational spectrum (SBS96 classification)



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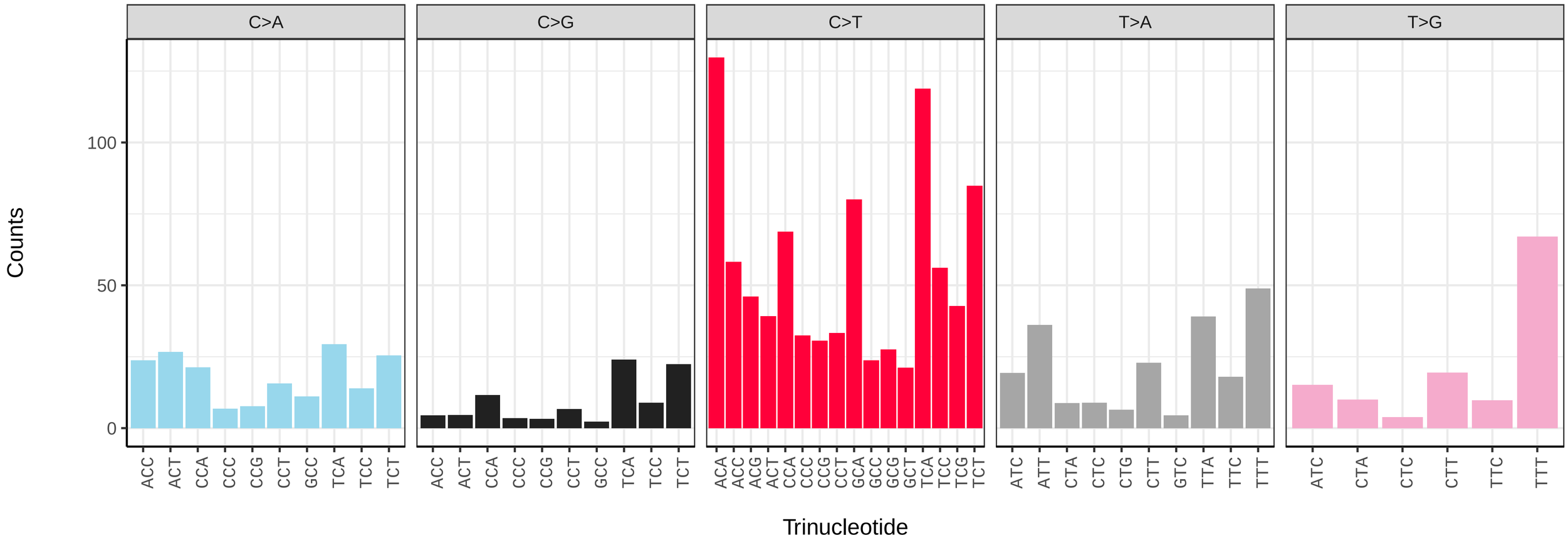
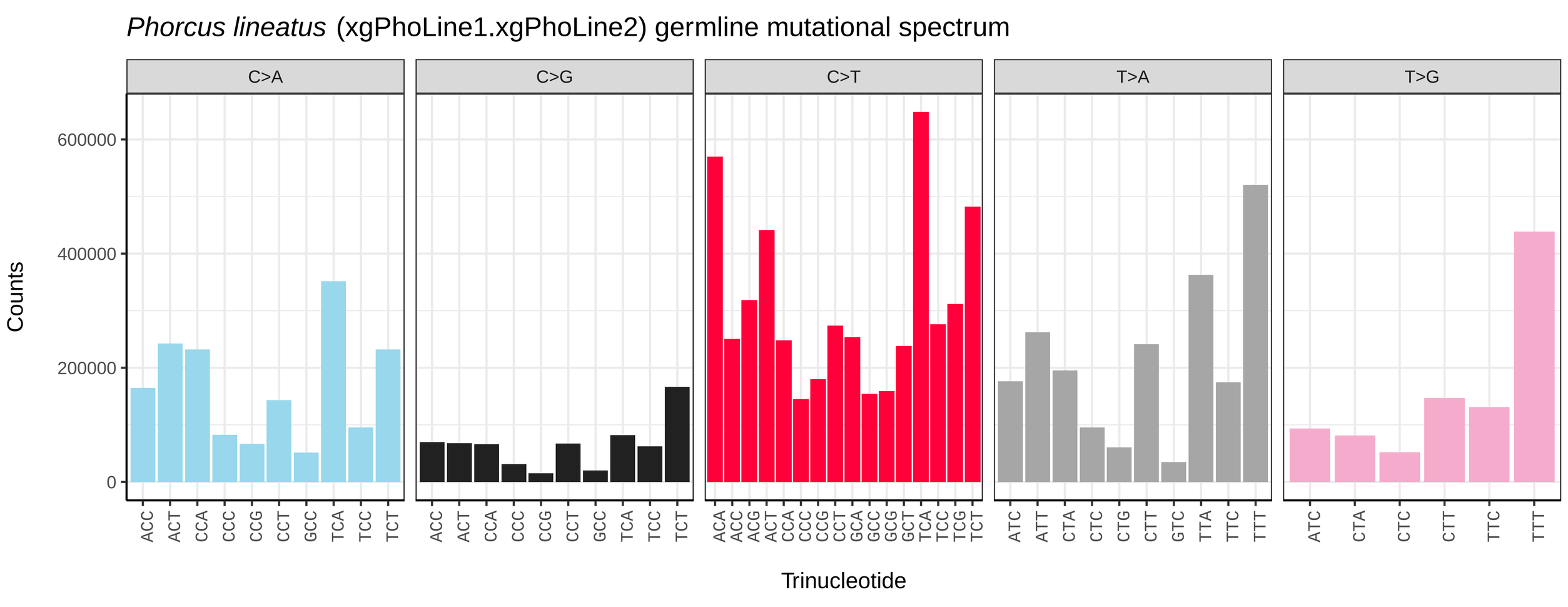
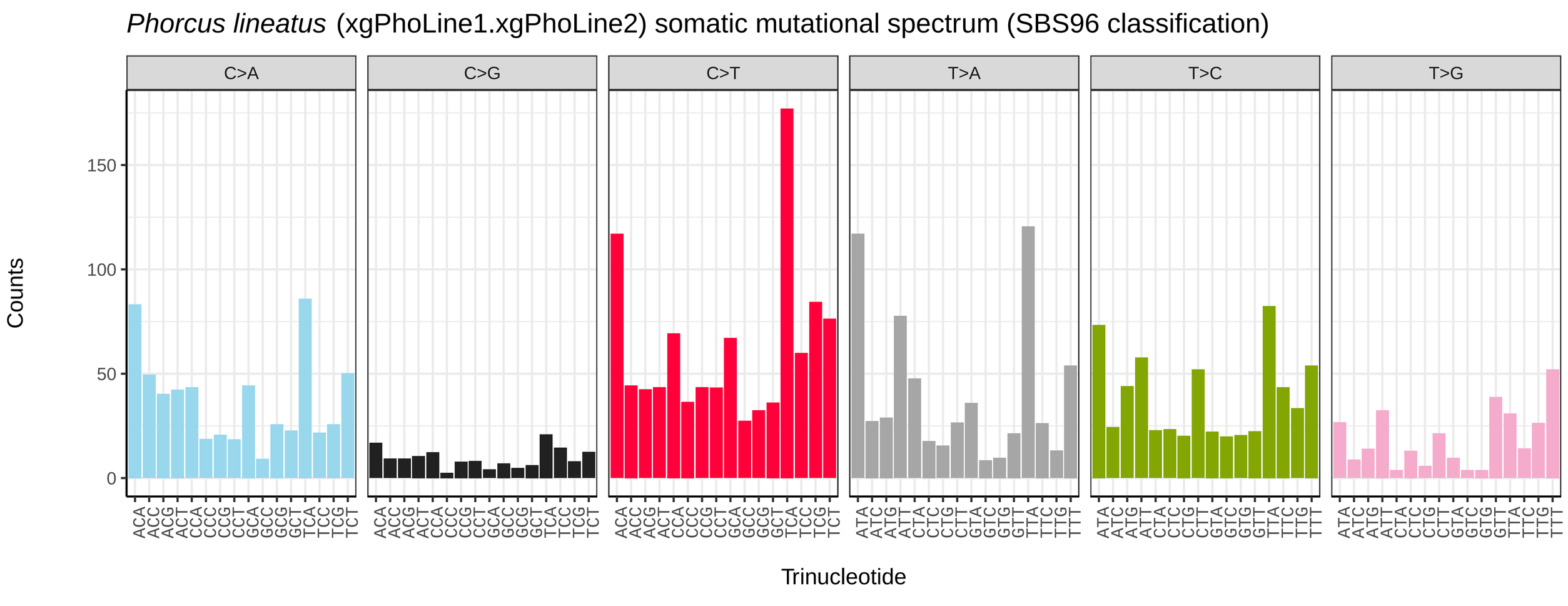



Phorcus lineatus (xgPhoLine1.xgPhoLine2) germline mutational spectrum
C>A
C>G
C>T
T>A
T>G
Counts
600000
400000
200000
0
ACC ACT CCA CCC CCG CCT GCC TCA TCC TCT
ACC ACT CCA CCC CCG CCT GCC TCA TCC TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATC ATT CTA CTC CTG CTT GTC TTA TTC TTT
ATC CTA CTC CTT TTC TTT
Trinucleotide


Phorcus lineatus (xgPhoLine1.xgPhoLine2) somatic mutational spectrum (SBS96 classification)
C>A
C>G
C>T
T>A
T>C
T>G
Counts
150
100
50
0
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT
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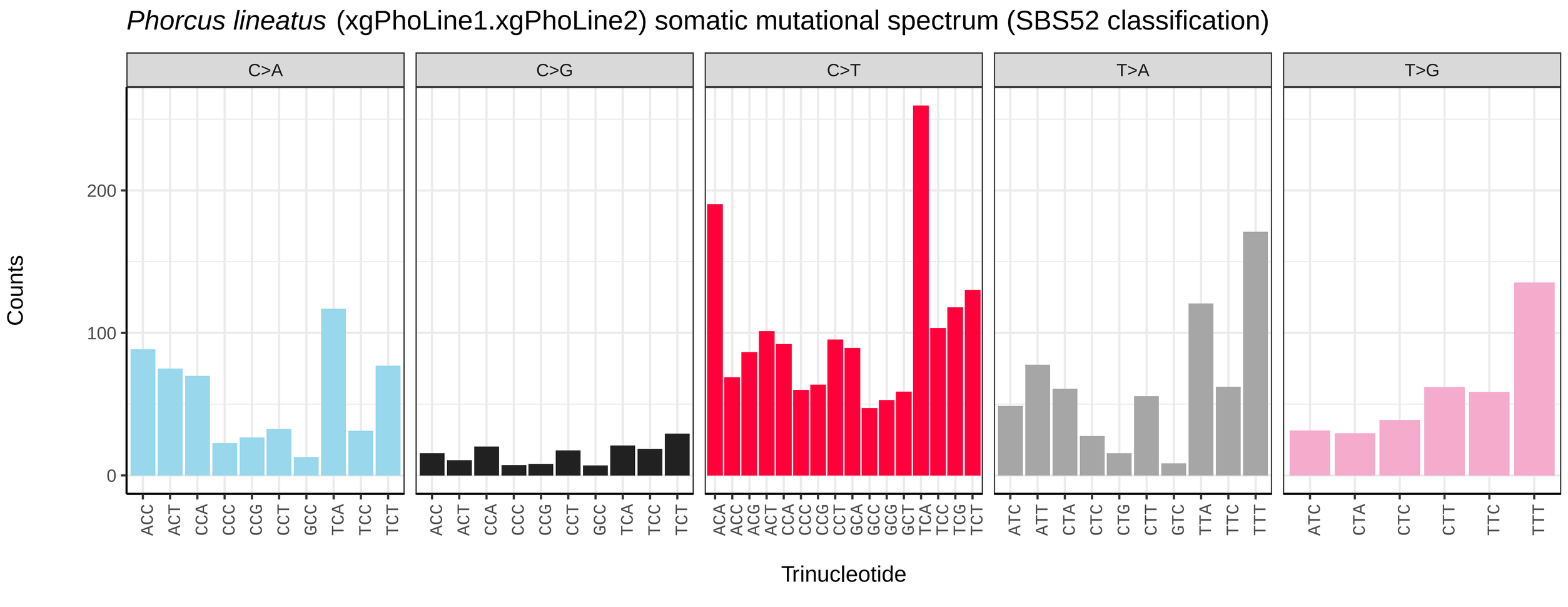
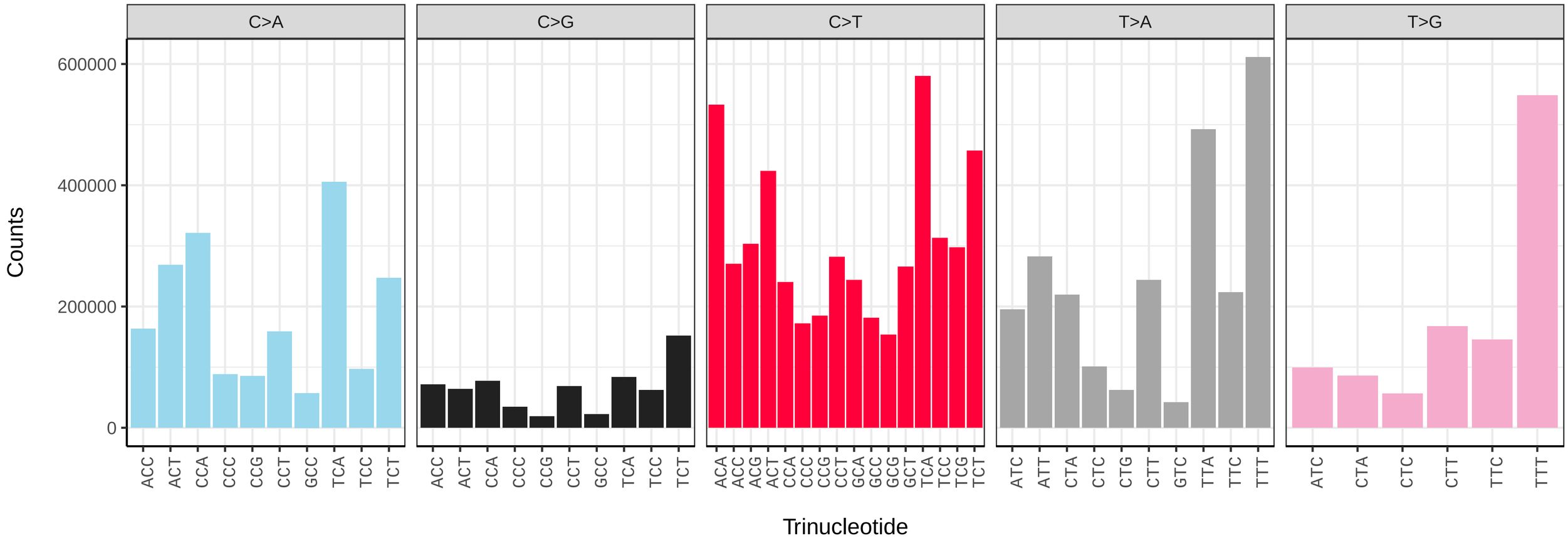
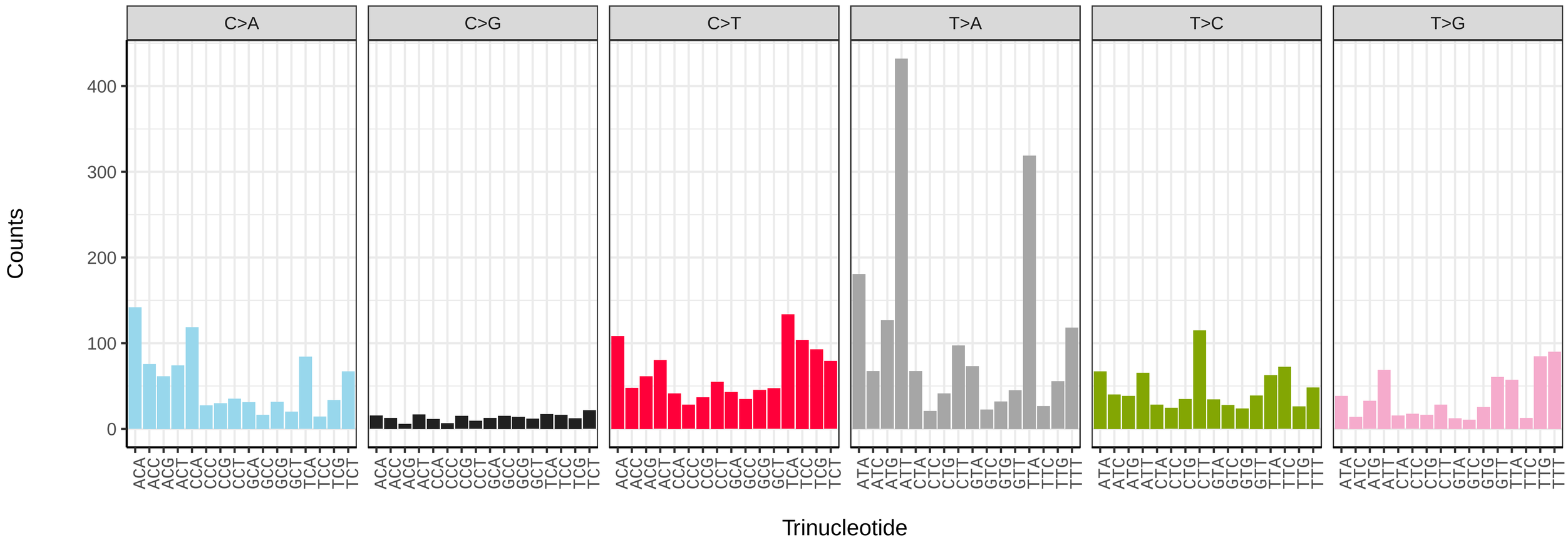
Trinucleotide


Phorcus lineatus (xgPhoLine1.xgPhoLine2) somatic mutational spectrum (SBS52 classification)
C>A
C>G
C>T
T>A
T>G
Counts
200
100
0
ACC ACT CCA CCC CCG CCT GCC TCA TCC TCT
ACC ACT CCA CCC CCG CCT GCC TCA TCC TCT
ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT
ATC ATT CTA CTC CTG CTT GTC TTA TTC TTT
ATC CTA CTC CTT TTC TTT
Trinucleotide

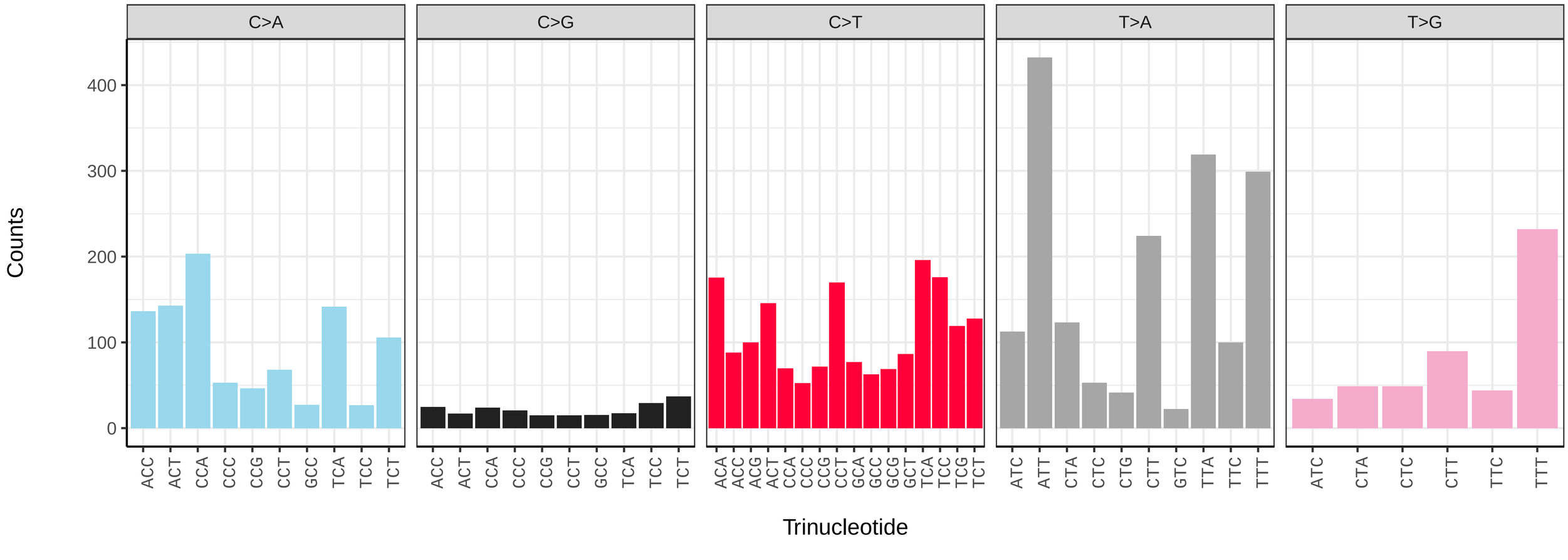
Steromphala cineraria (xgSteCine2) germline mutational spectrum



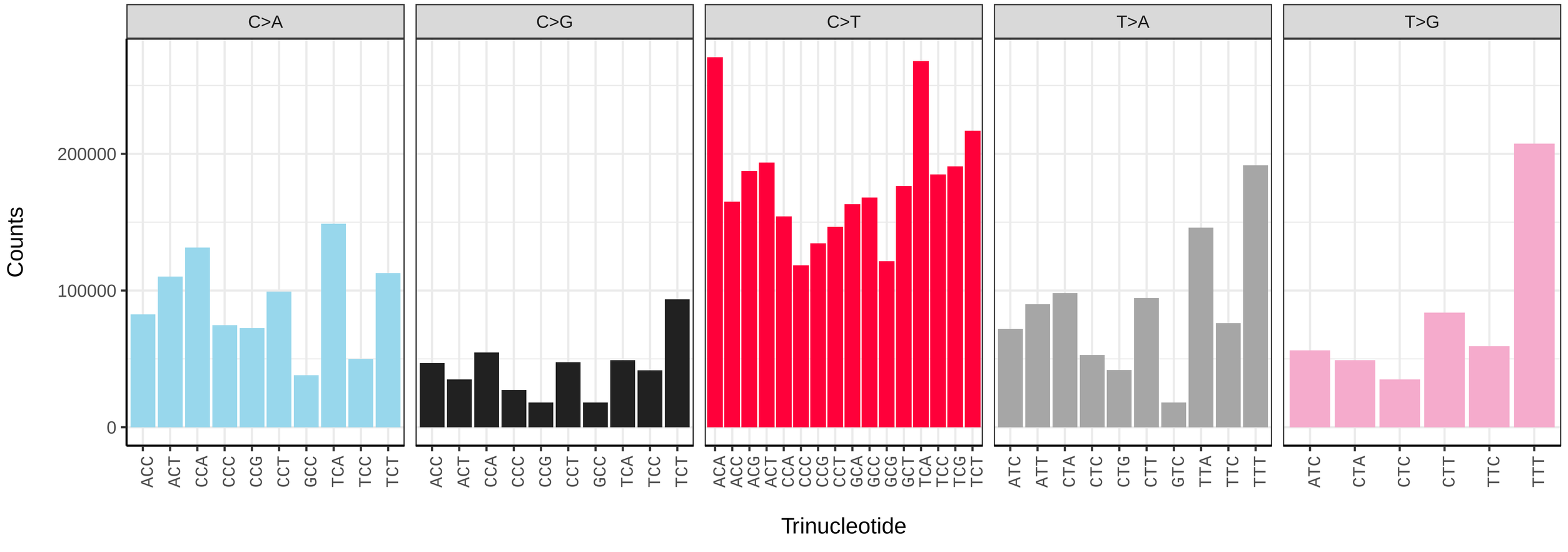
Steromphala cineraria (xgSteCine2) somatic mutational spectrum (SBS96 classification)



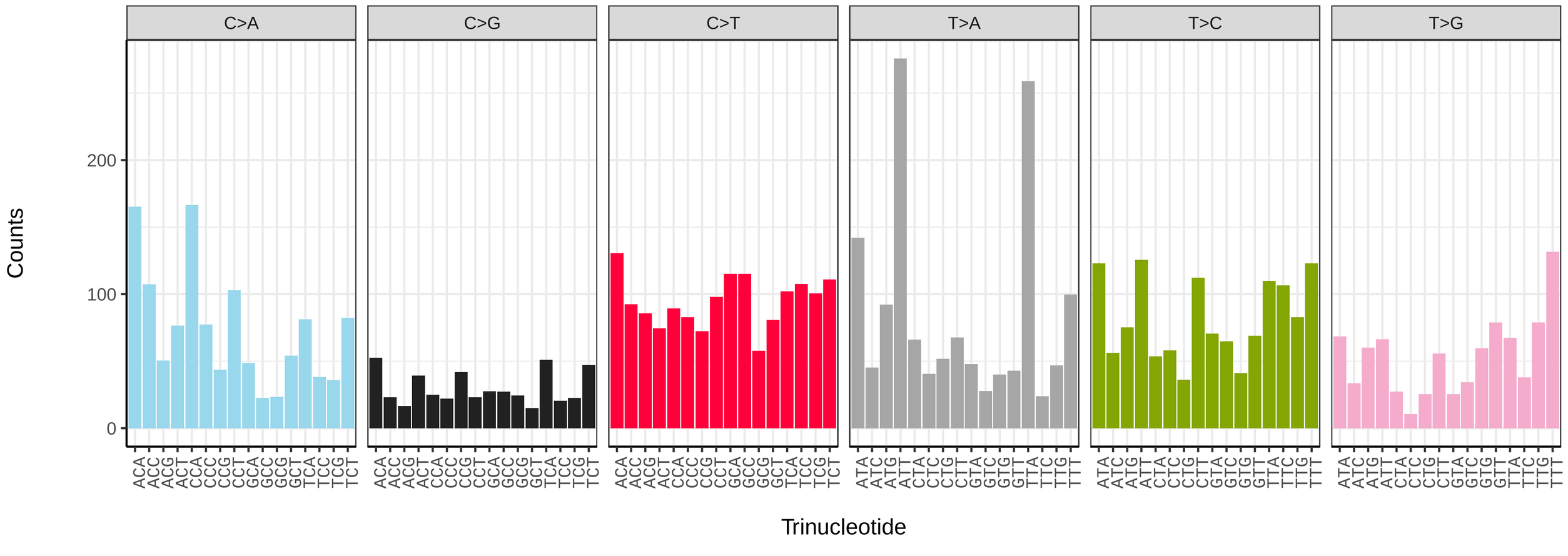
Steromphala cineraria (xgSteCine2) somatic mutational spectrum (SBS52 classification)



Lepidochitona cinerea (xpLepCine2) germline mutational spectrum



Lepidochitona cinerea (xpLepCine2) somatic mutational spectrum (SBS96 classification)



Lepidochitona cinerea (xpLepCine2) somatic mutational spectrum (SBS52 classification)