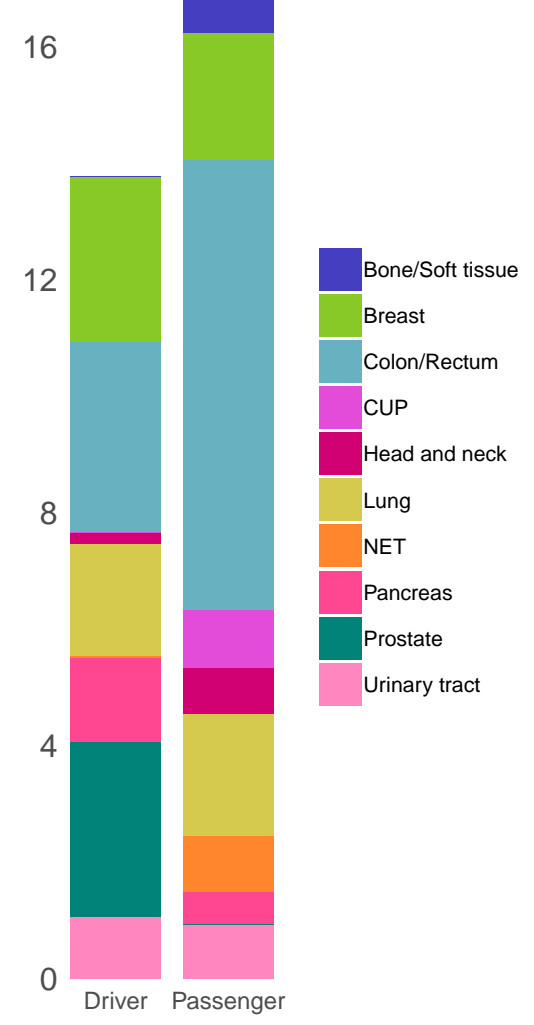


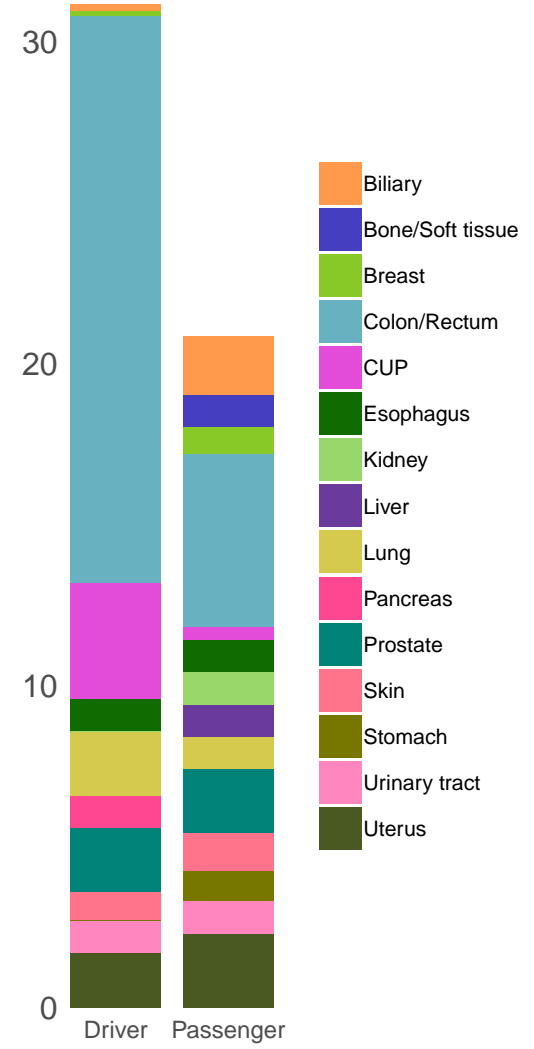
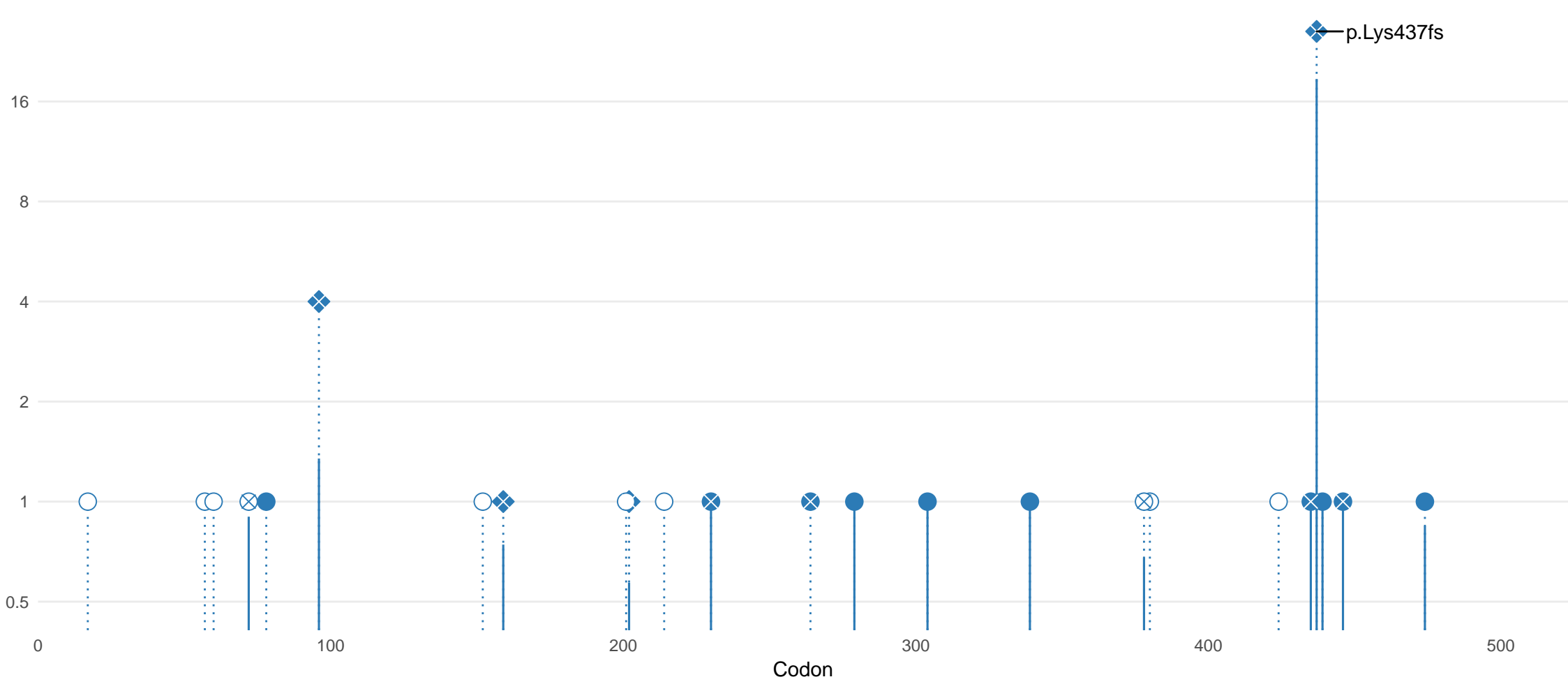
ACVR1B Variants



Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
 Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
 Hotspot: ●

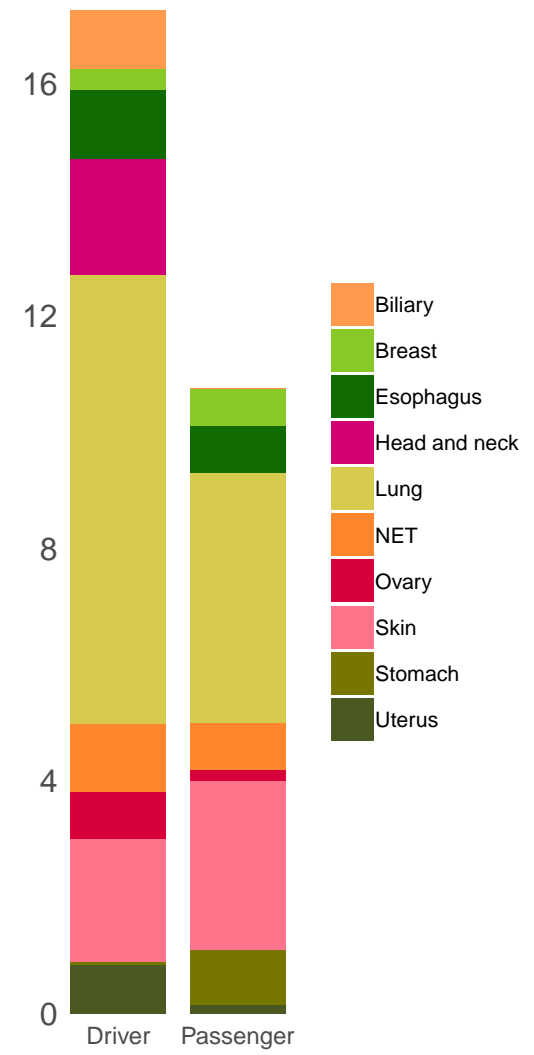


ACVR2A Variants



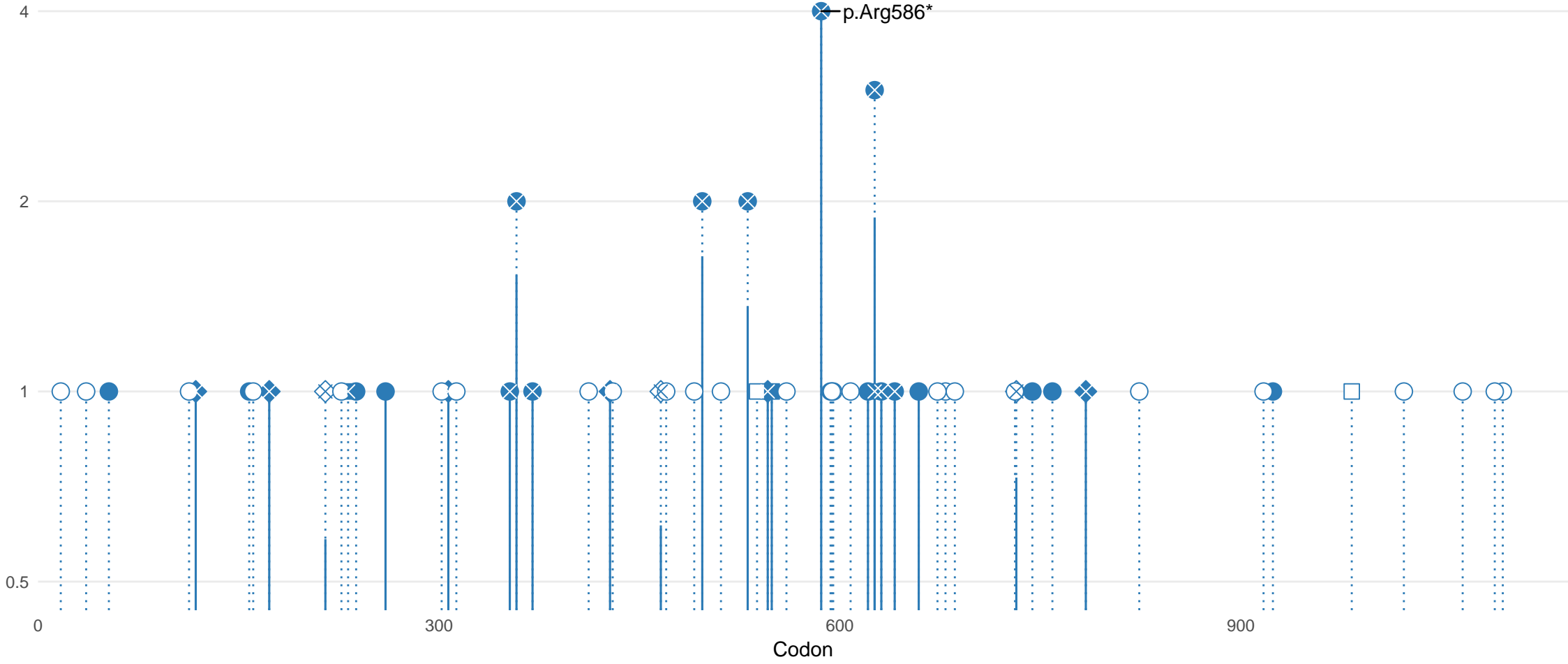
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
 Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame Hotspot: ●

AJUBA Variants

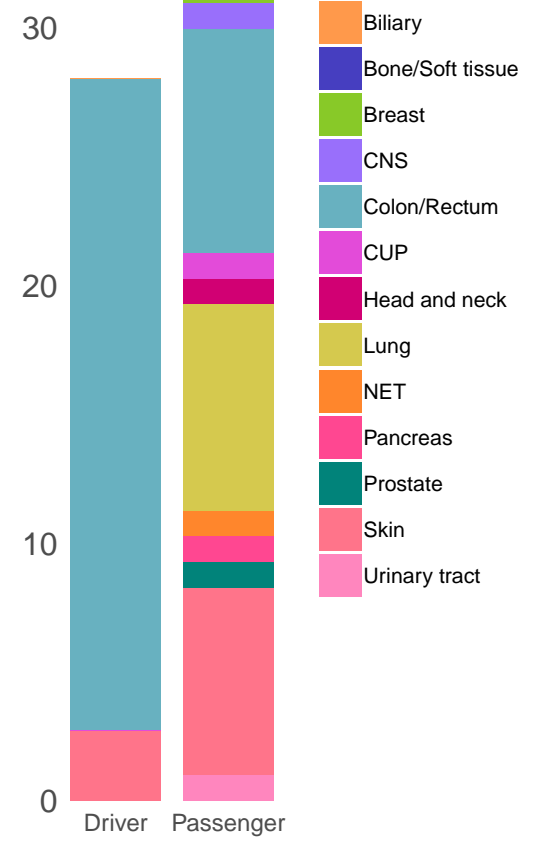


Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
 Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
 Hotspot: ●

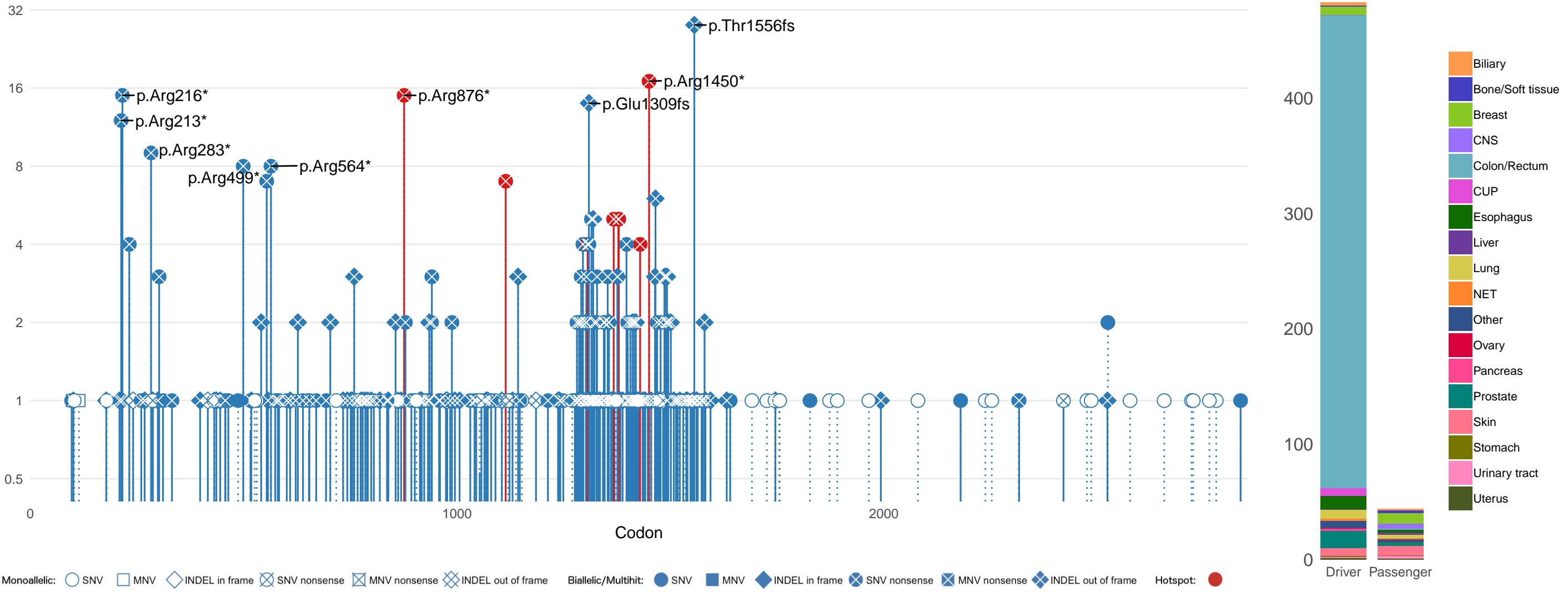
AMER1 Variants



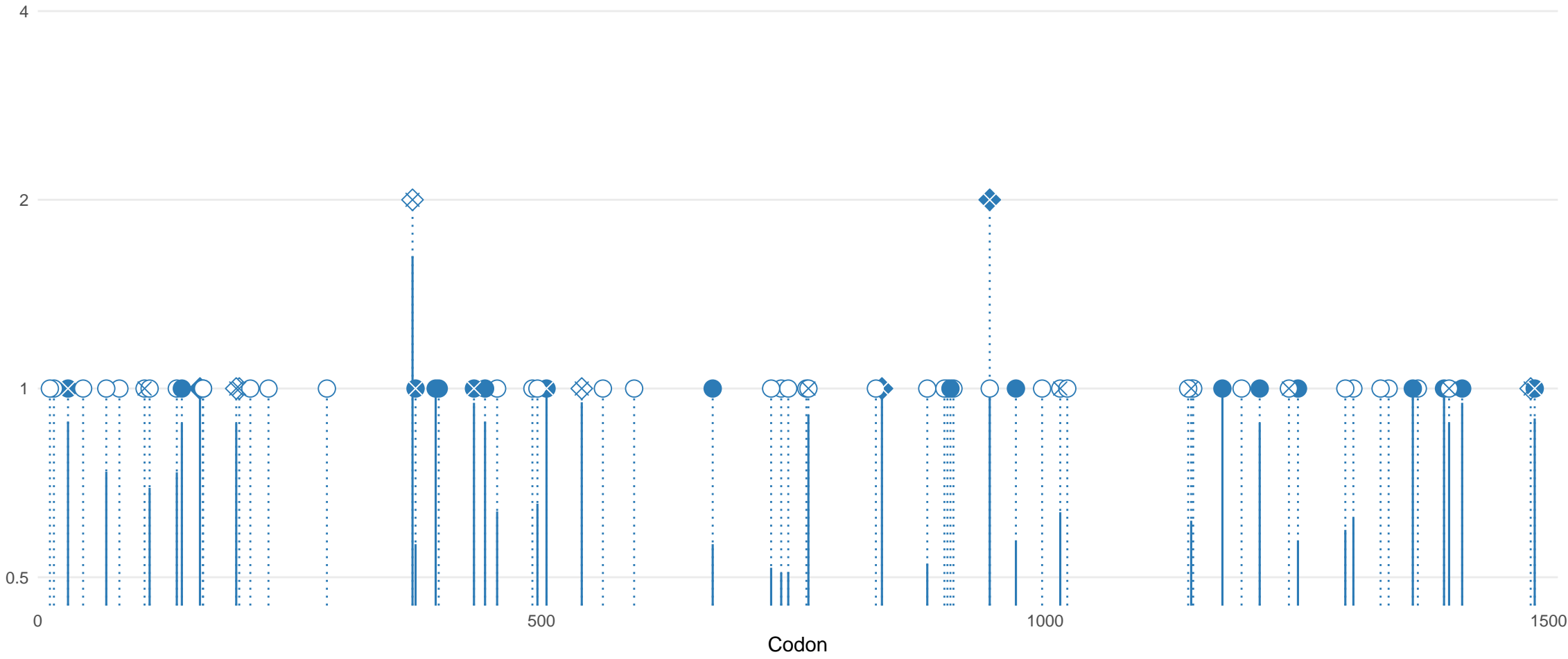
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●



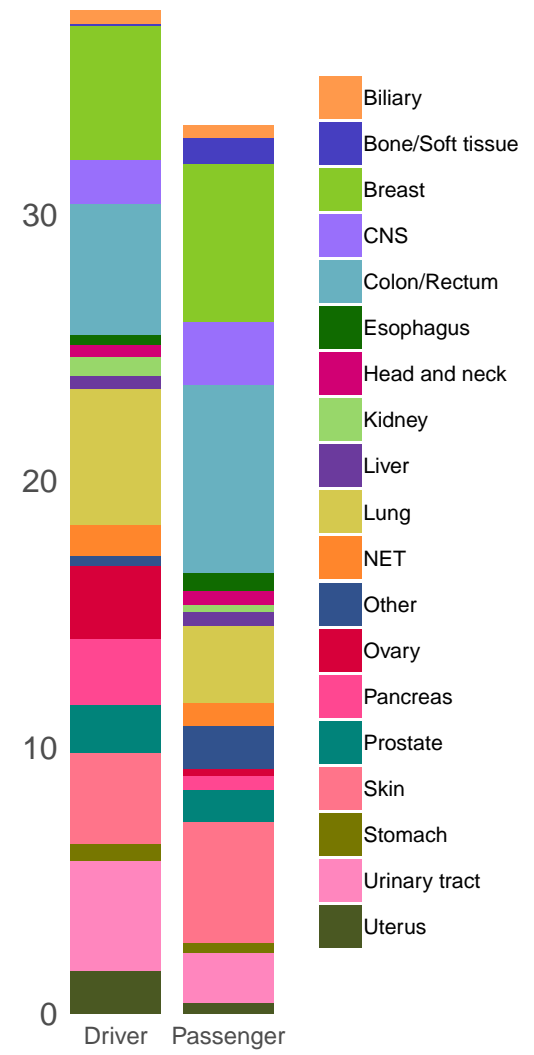
APC Variants



ARHGAP35 Variants

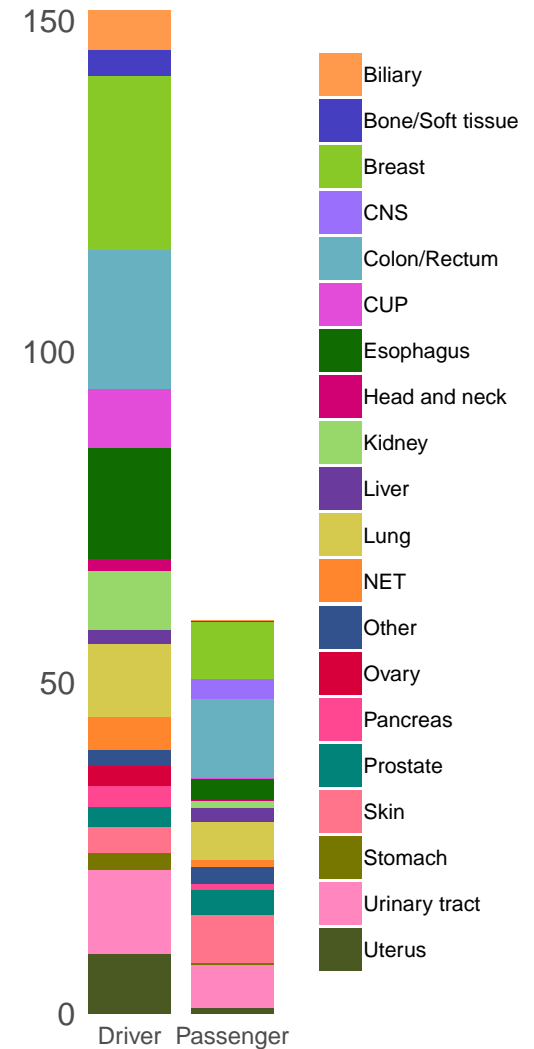
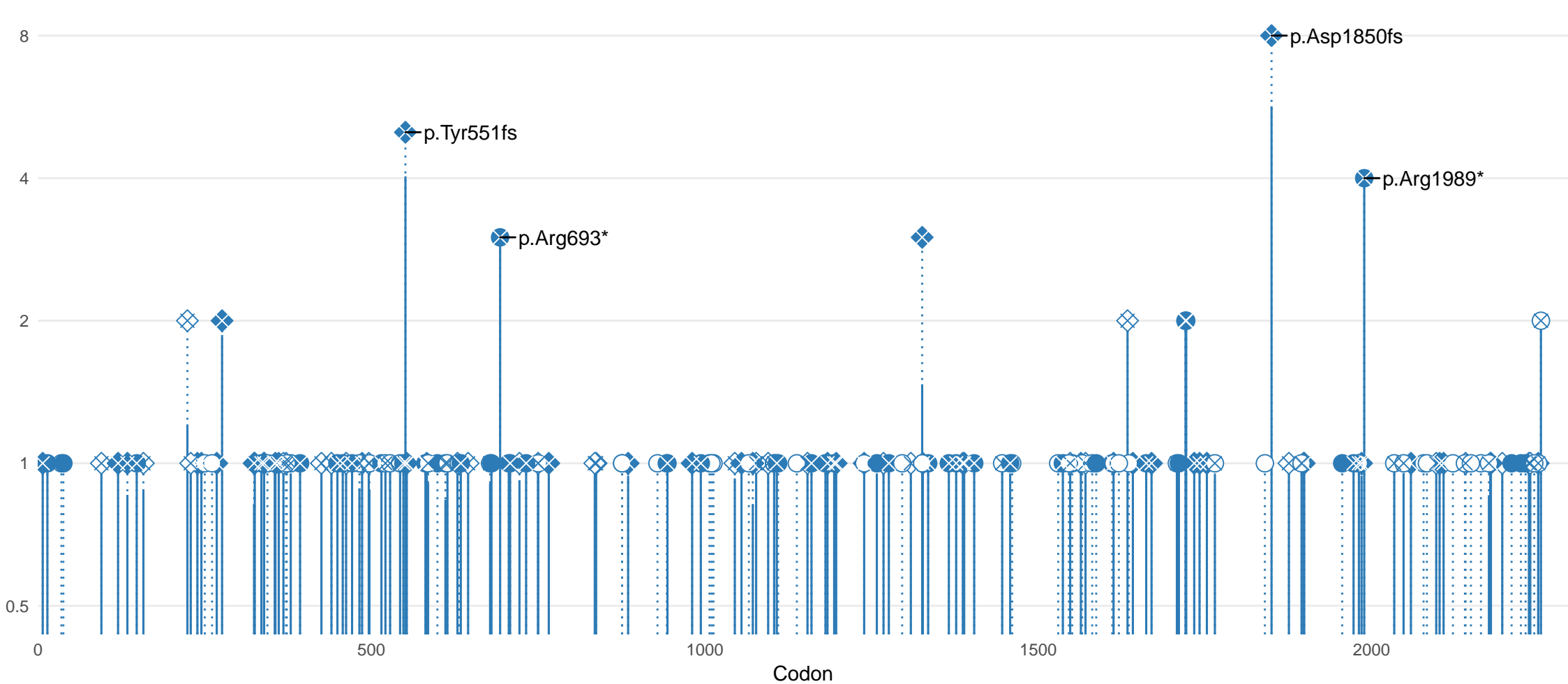


Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊠ MNV nonsense ⊡ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊠ MNV nonsense ⊡ INDEL out of frame
Hotspot: ●

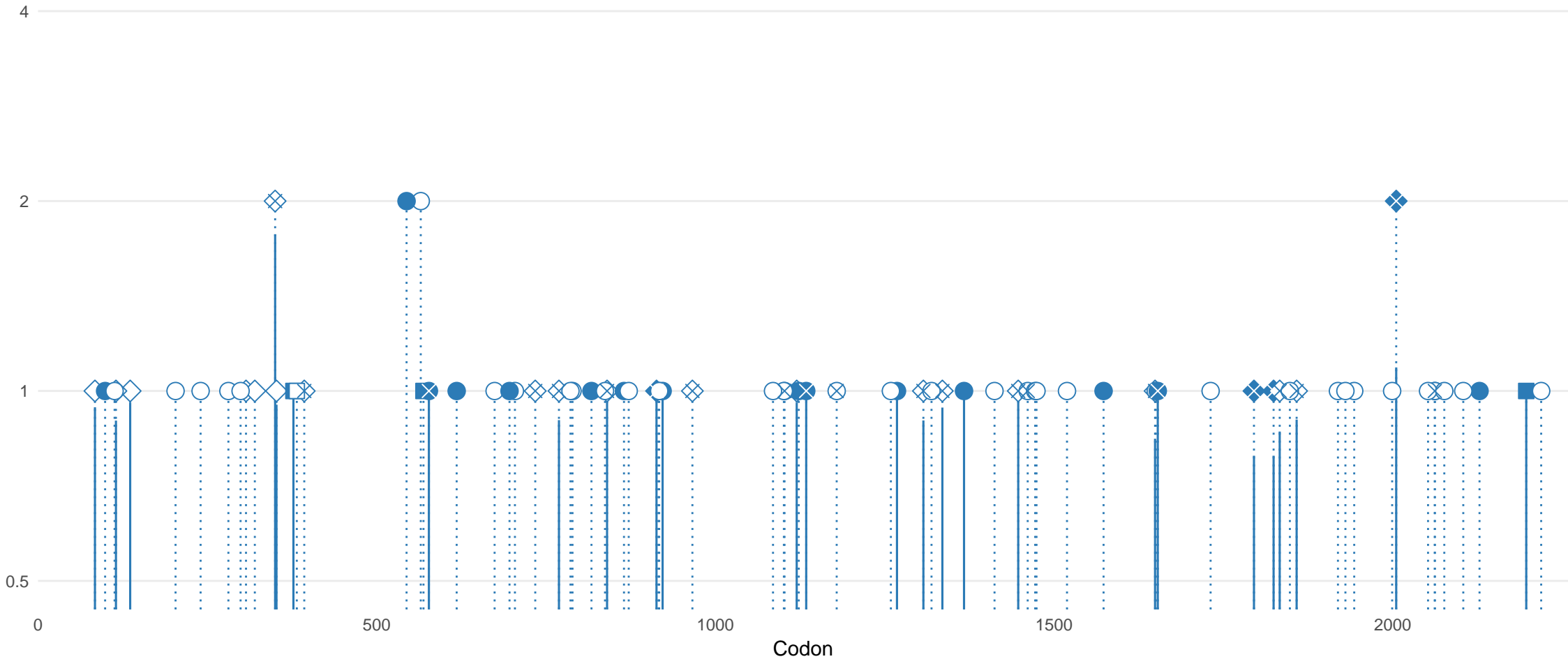


Driver Passenger

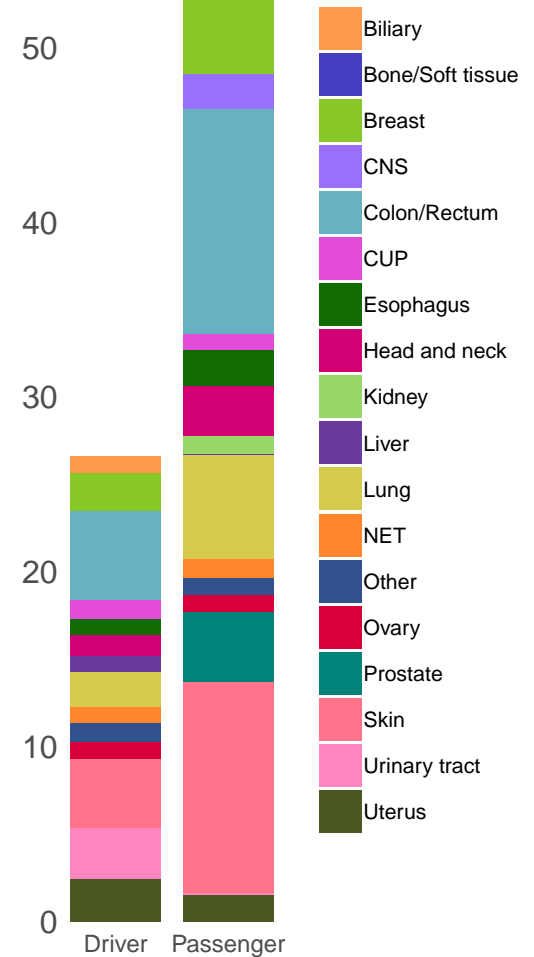
ARID1A Variants



ARID1B Variants

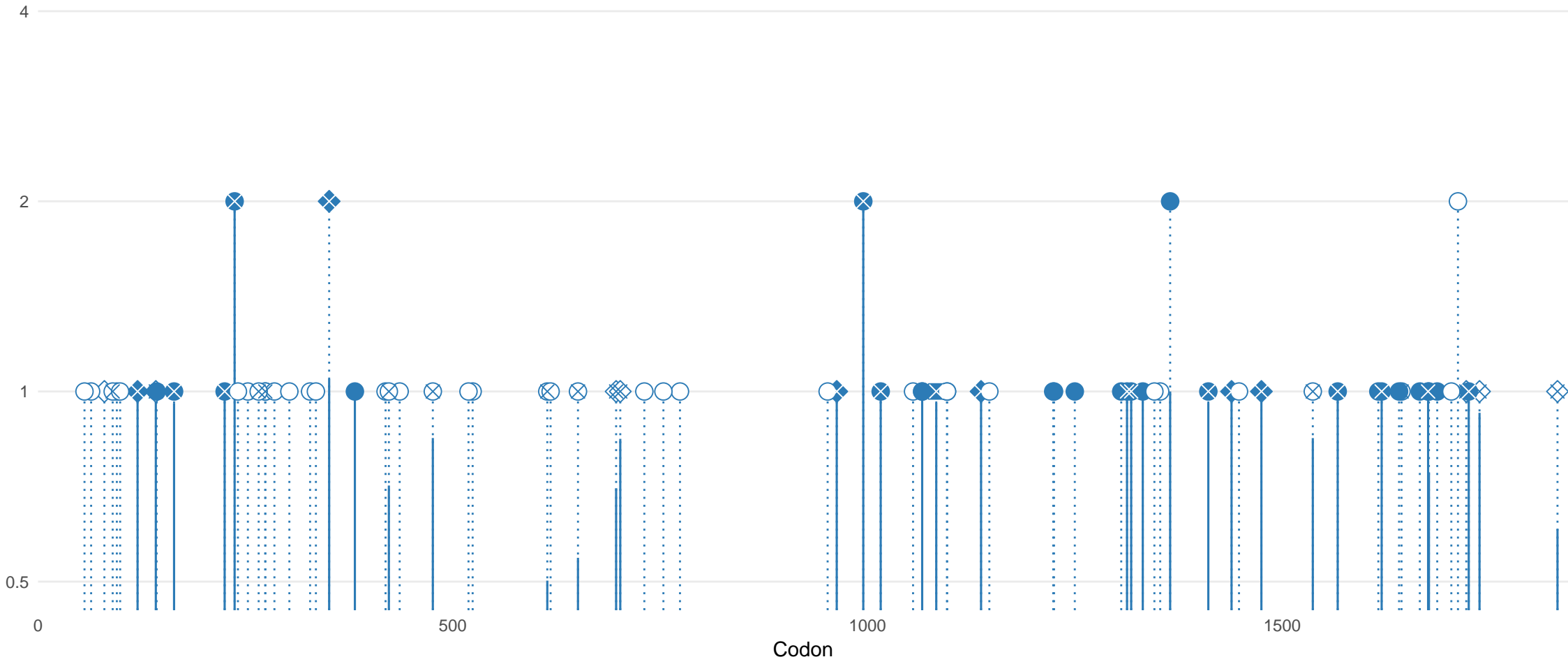


Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●

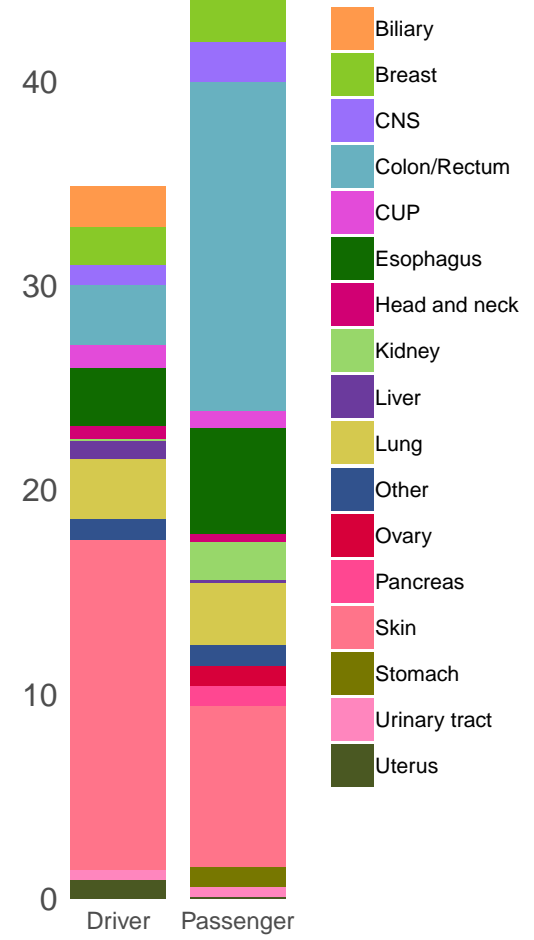


Driver Passenger

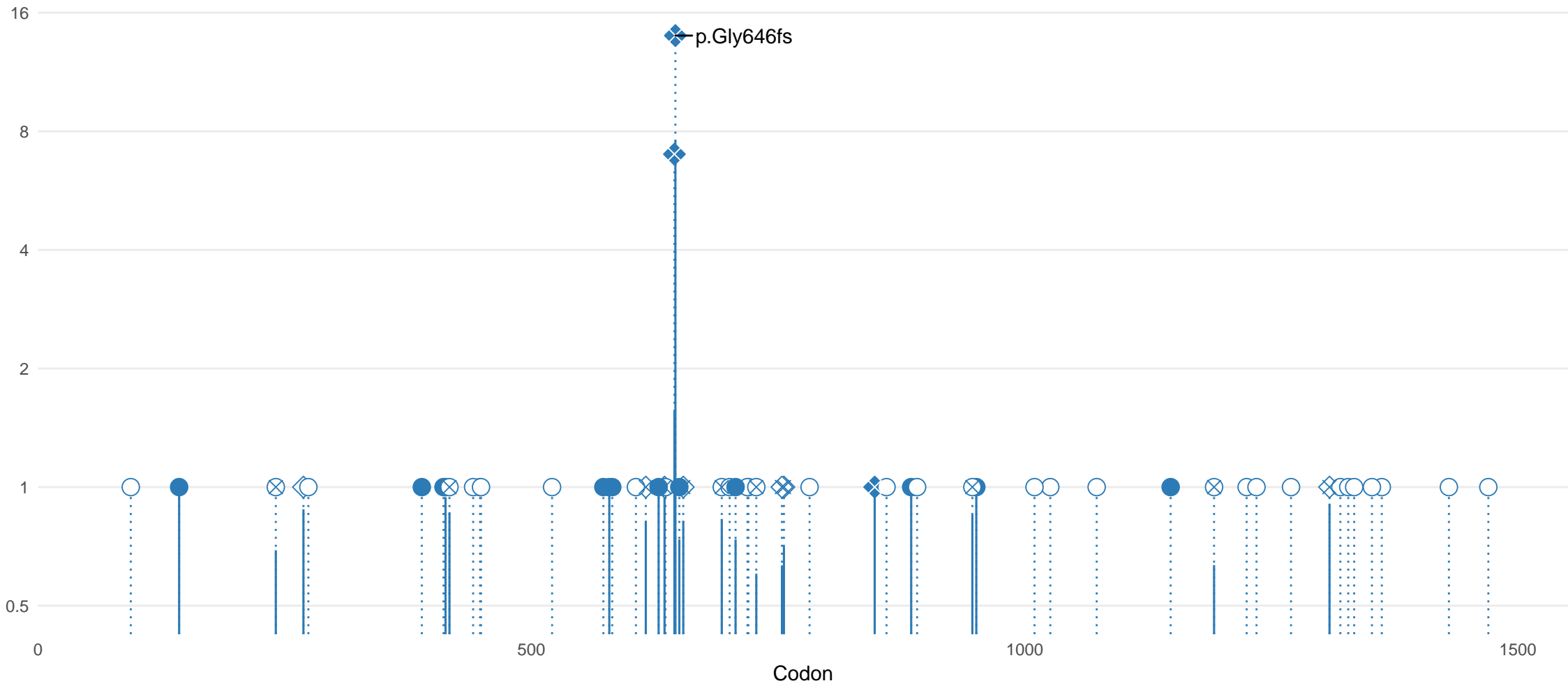
ARID2 Variants



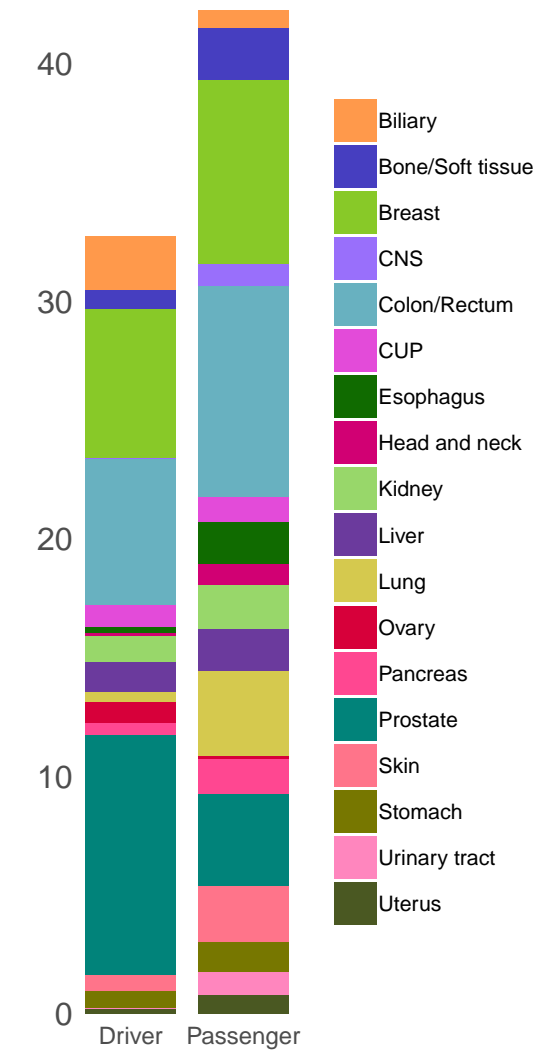
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multi-hit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●



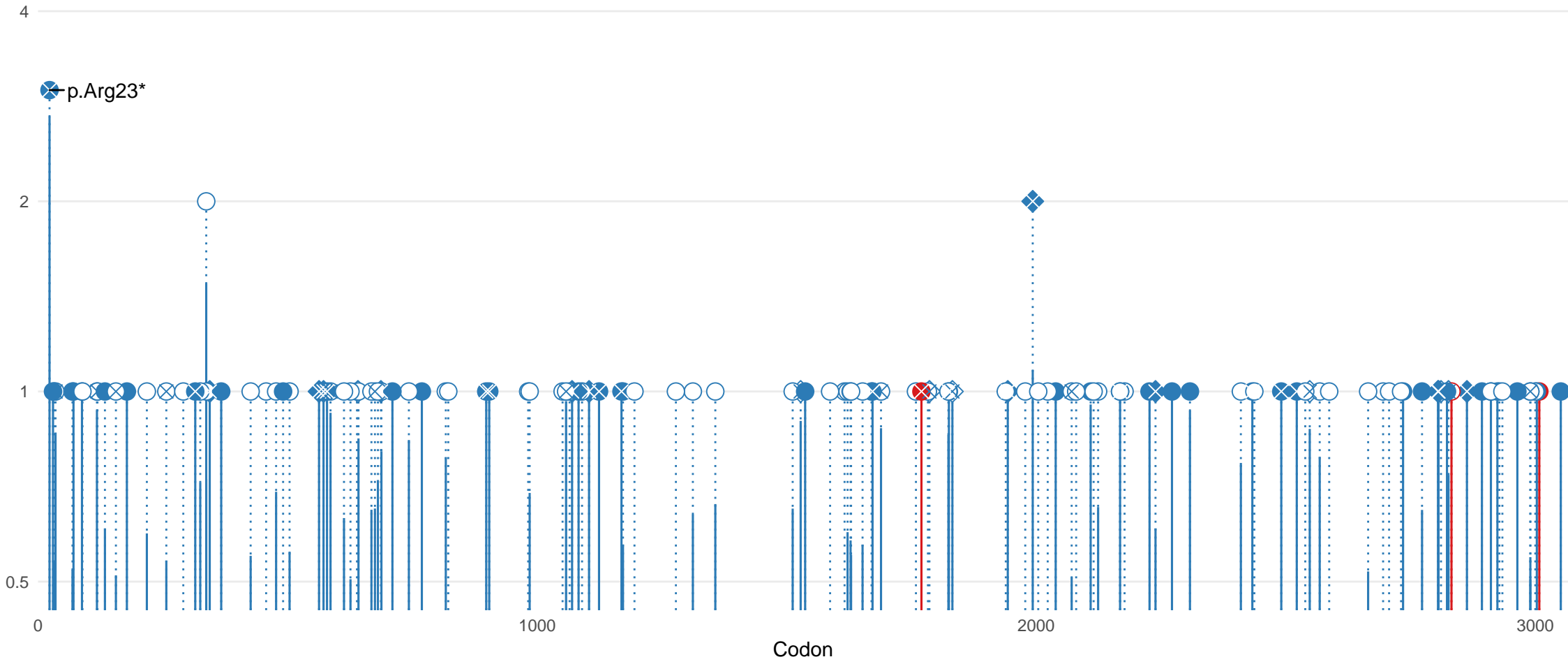
ASXL1 Variants



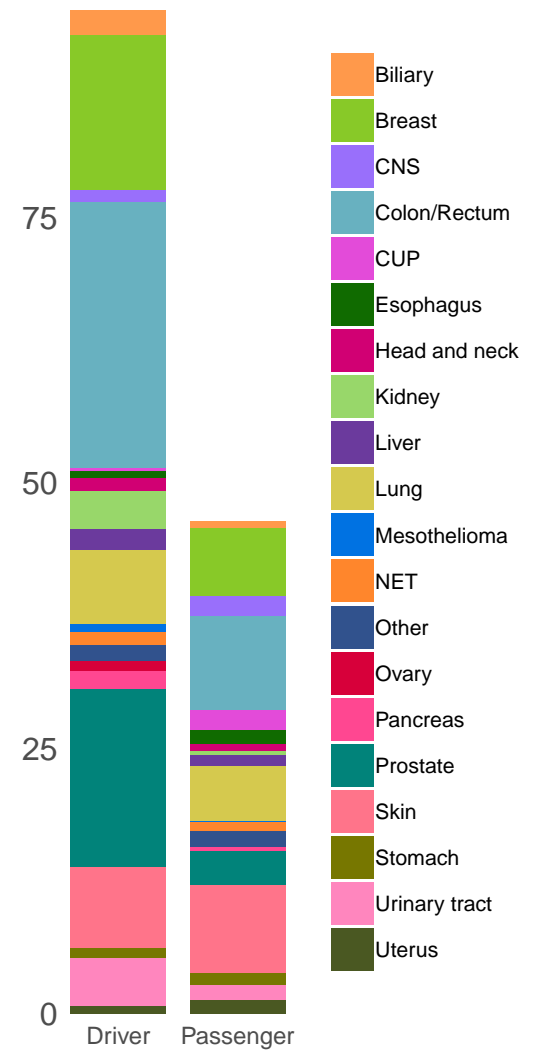
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●



ATM Variants

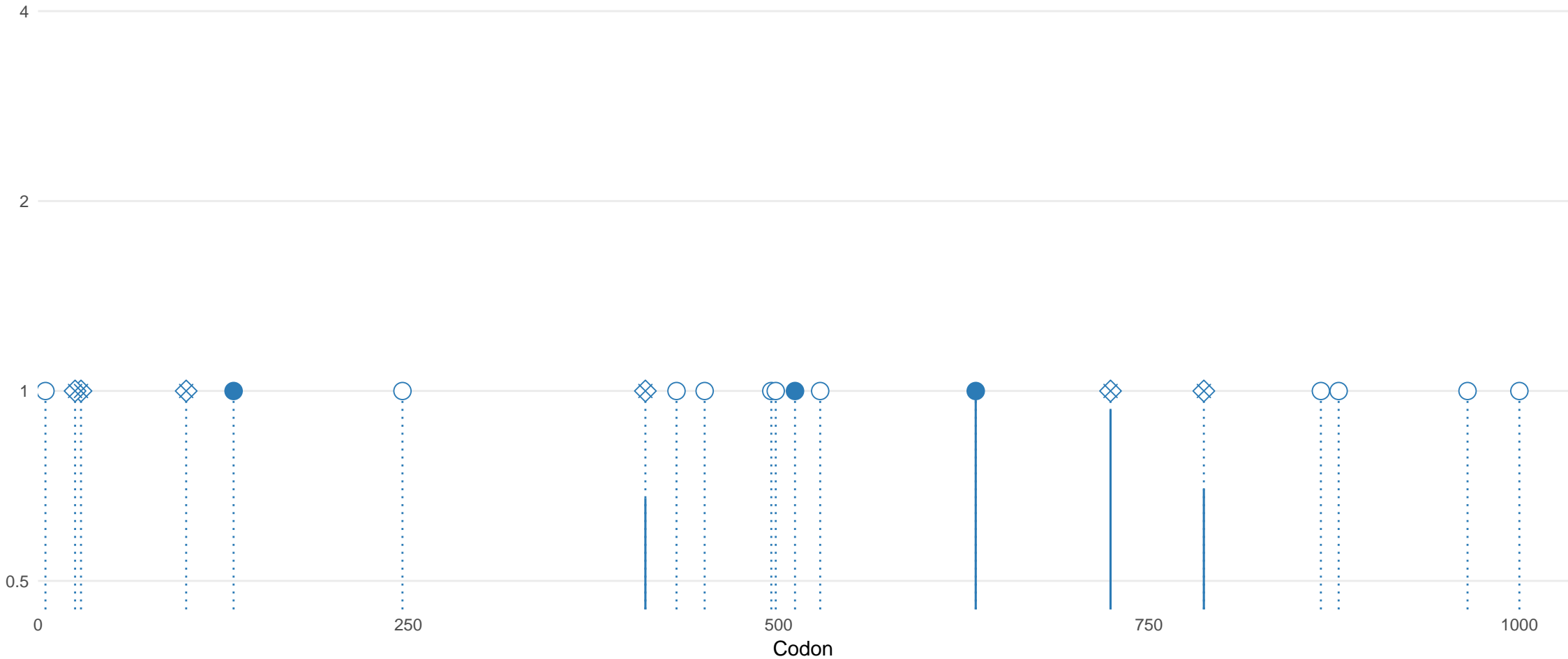


Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●

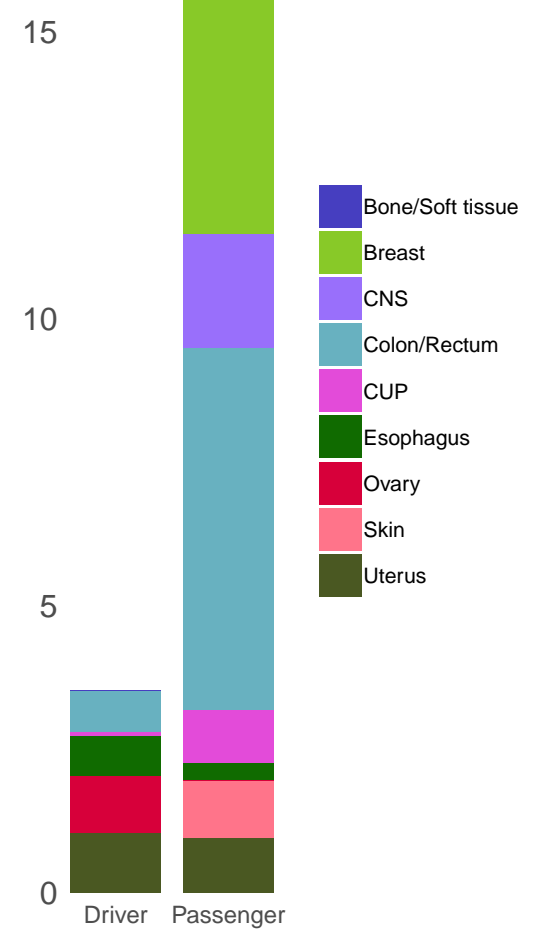


Driver Passenger

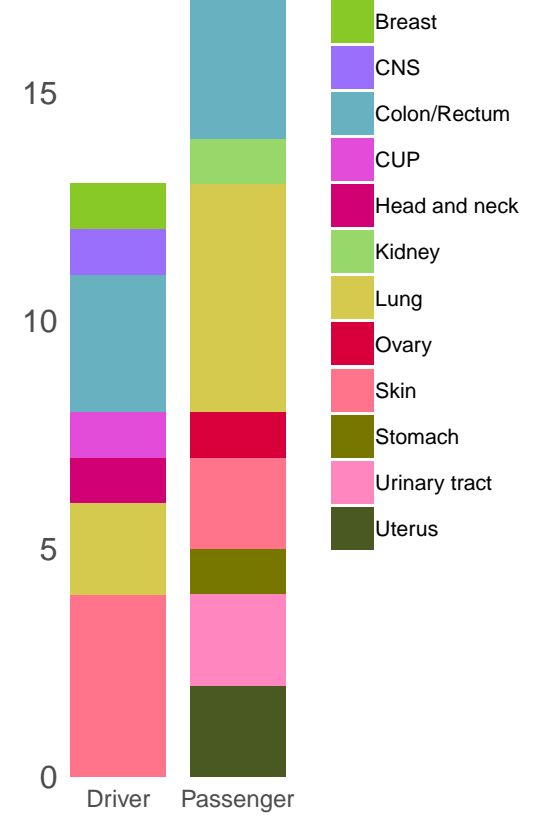
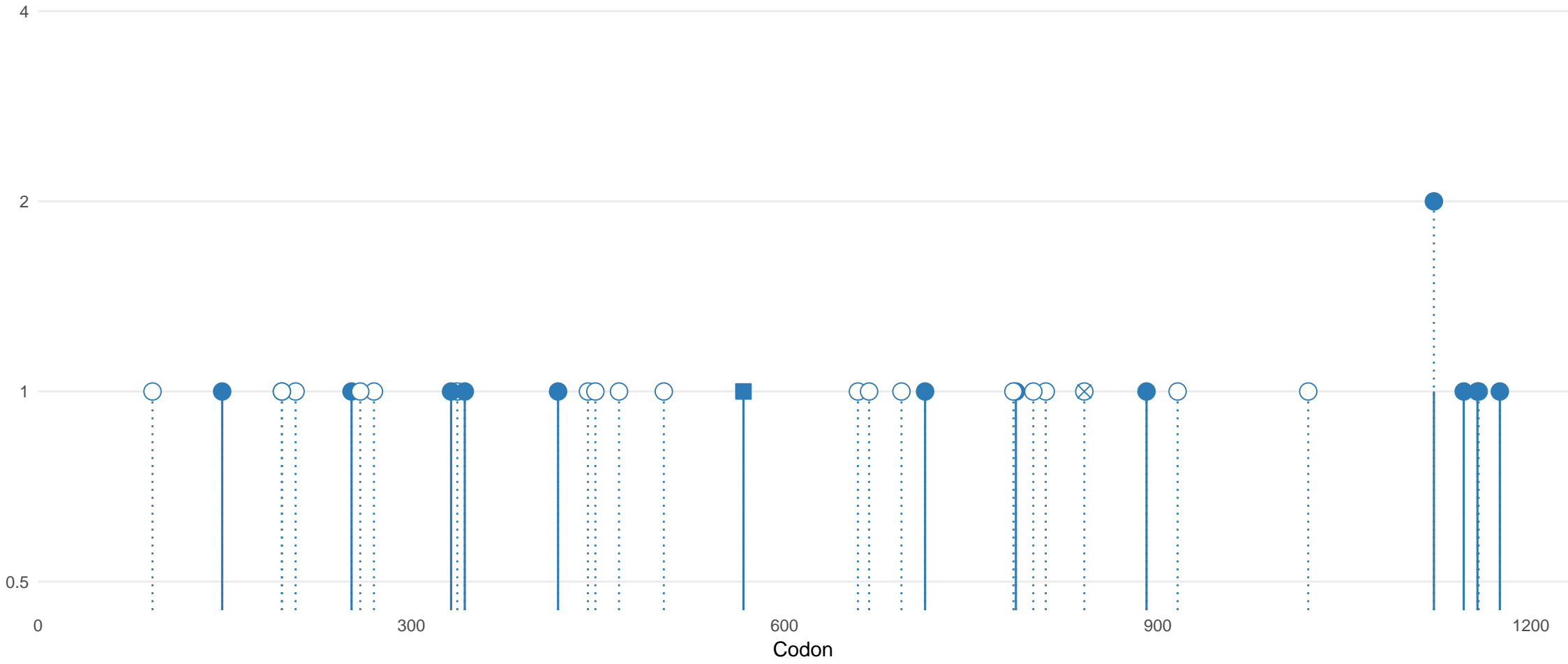
ATP1A1 Variants



Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●

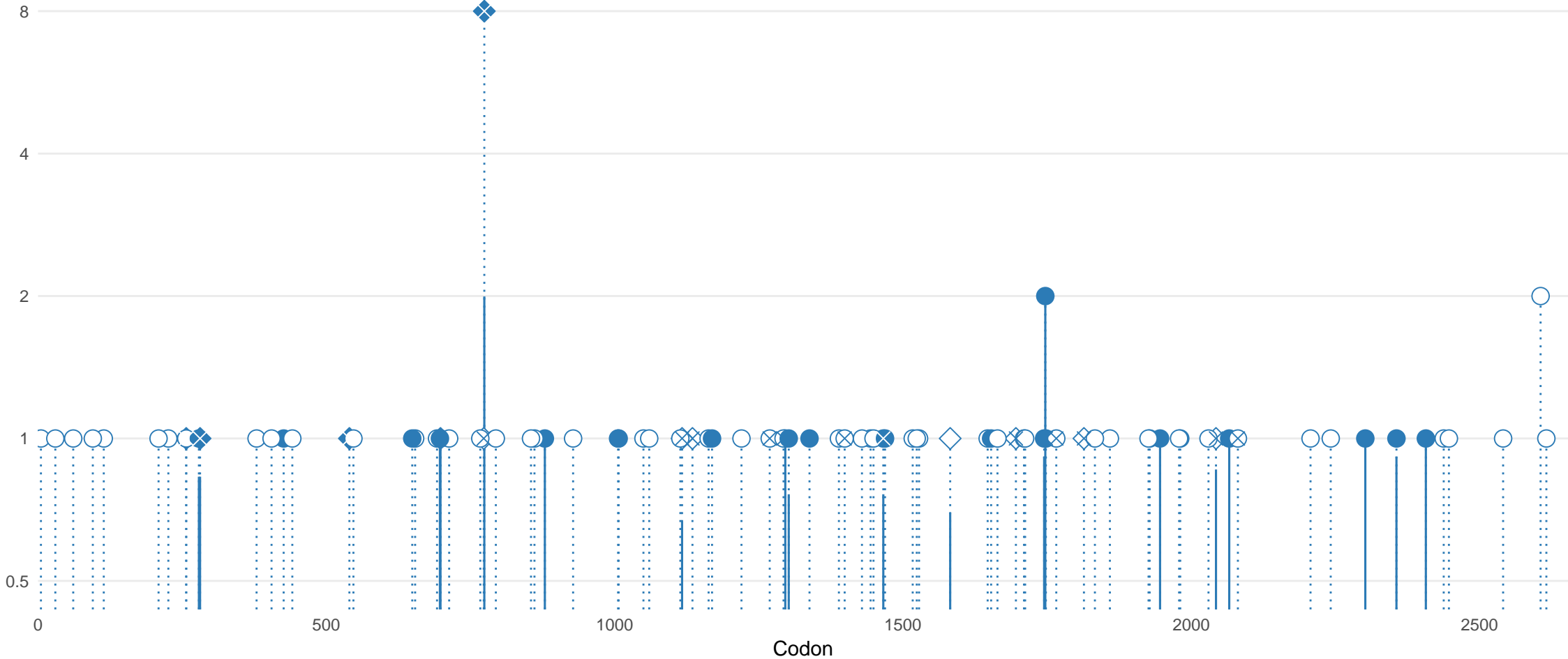


ATP2B3 Variants

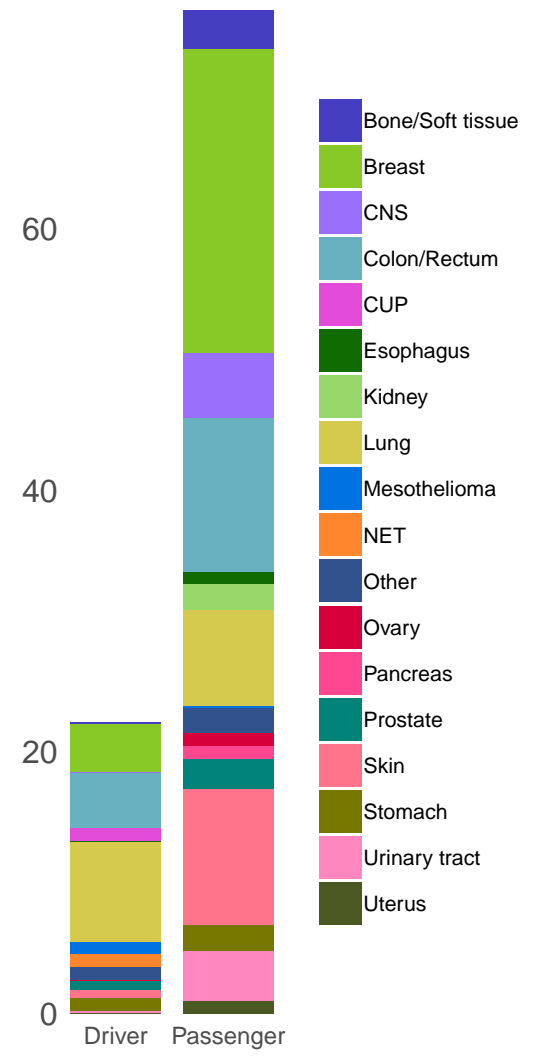


Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●

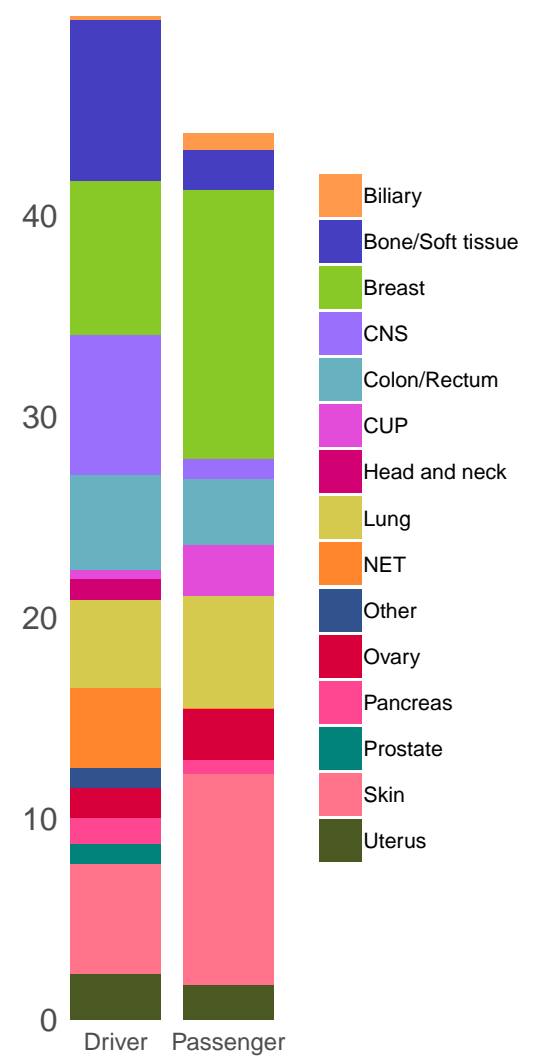
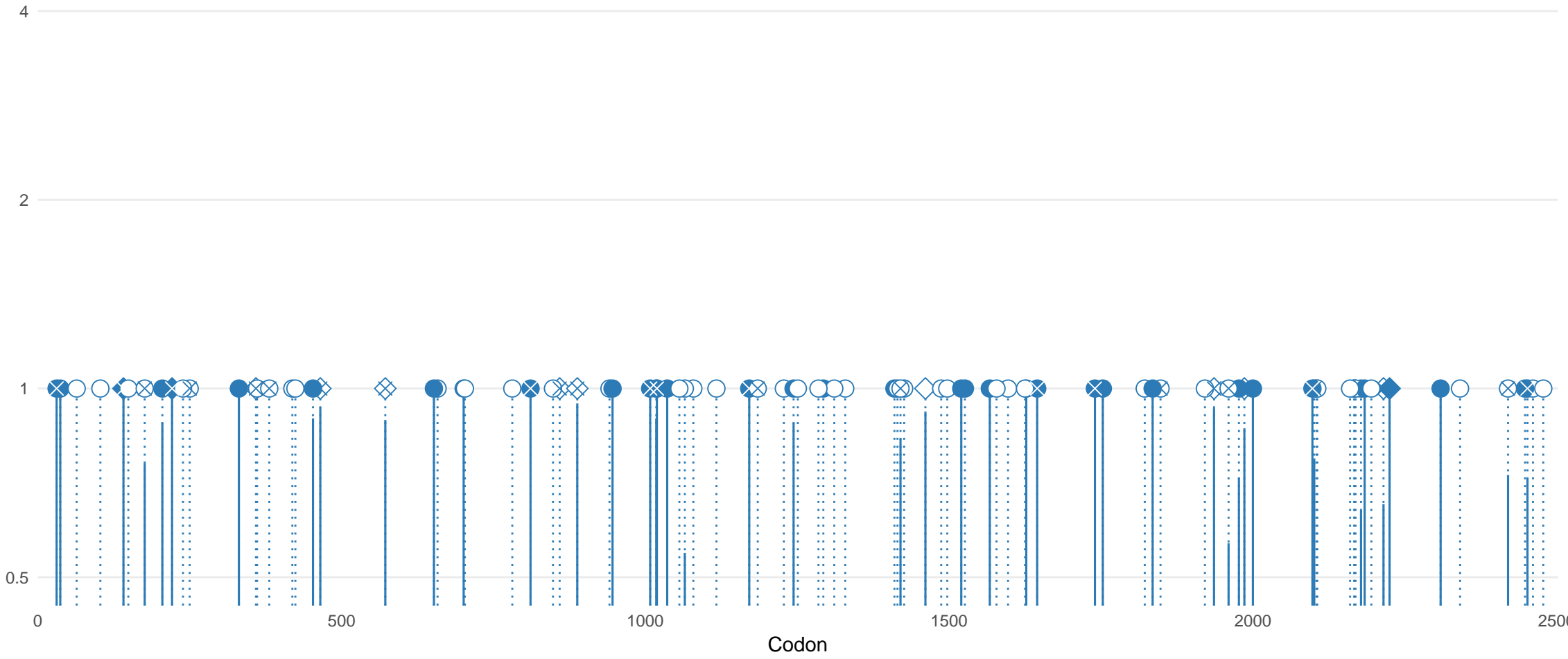
ATR Variants



Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
 Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
 Hotspot: ●

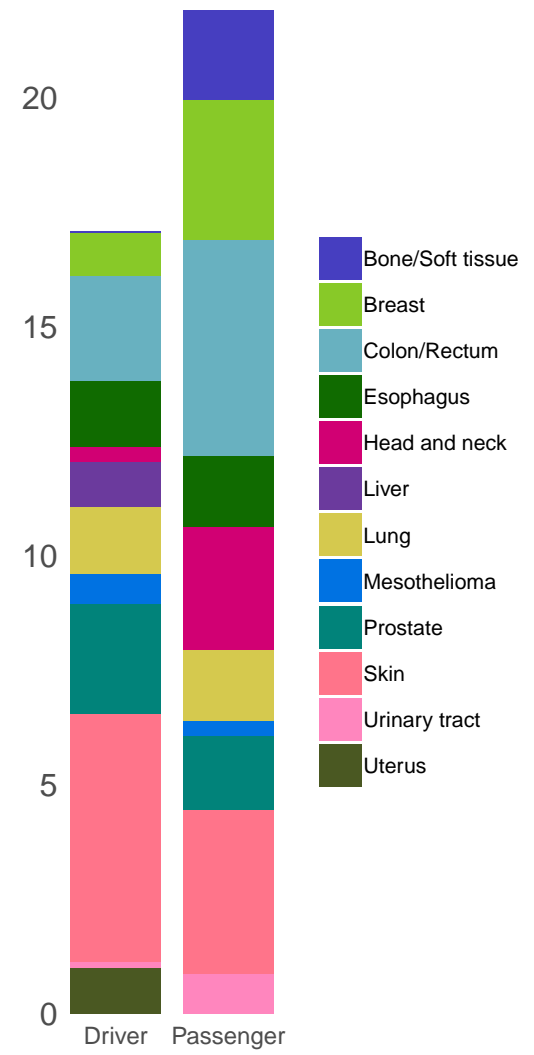
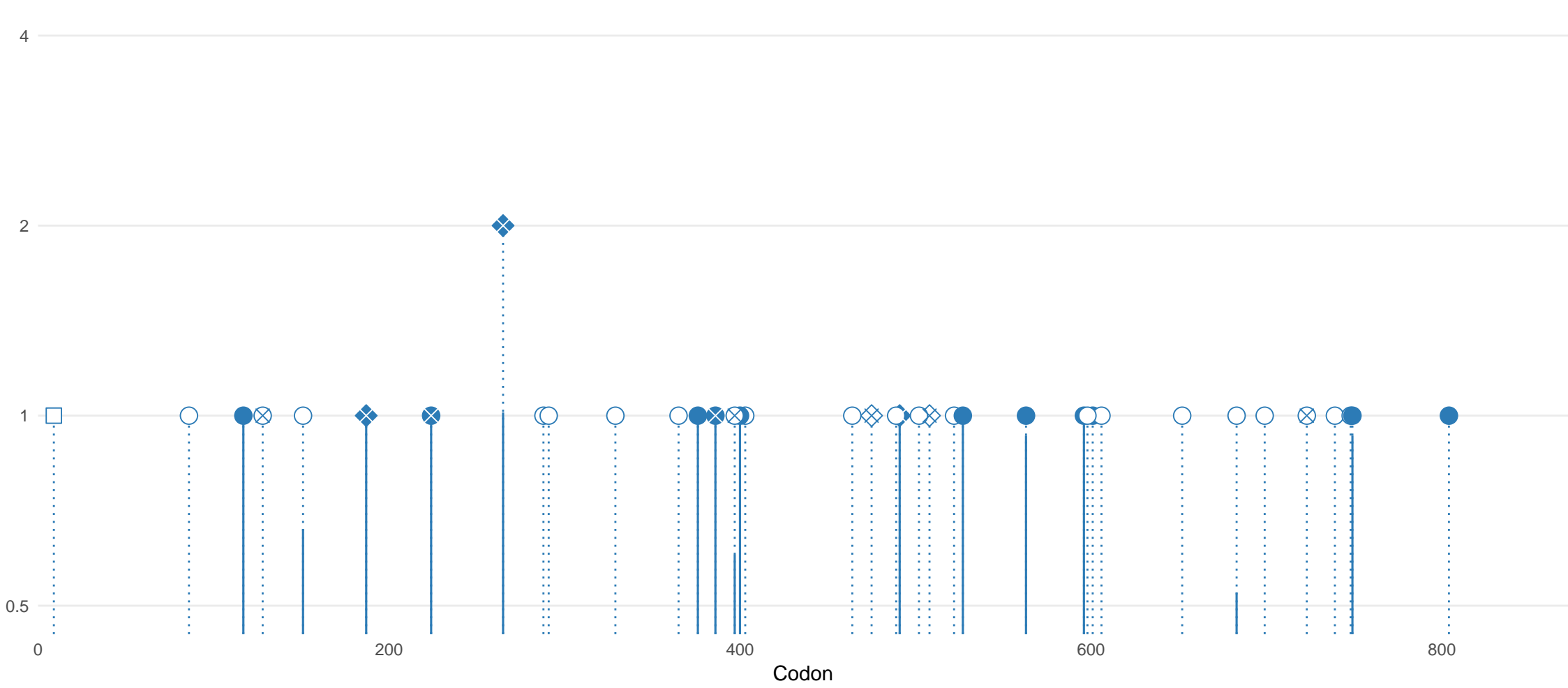


ATRX Variants

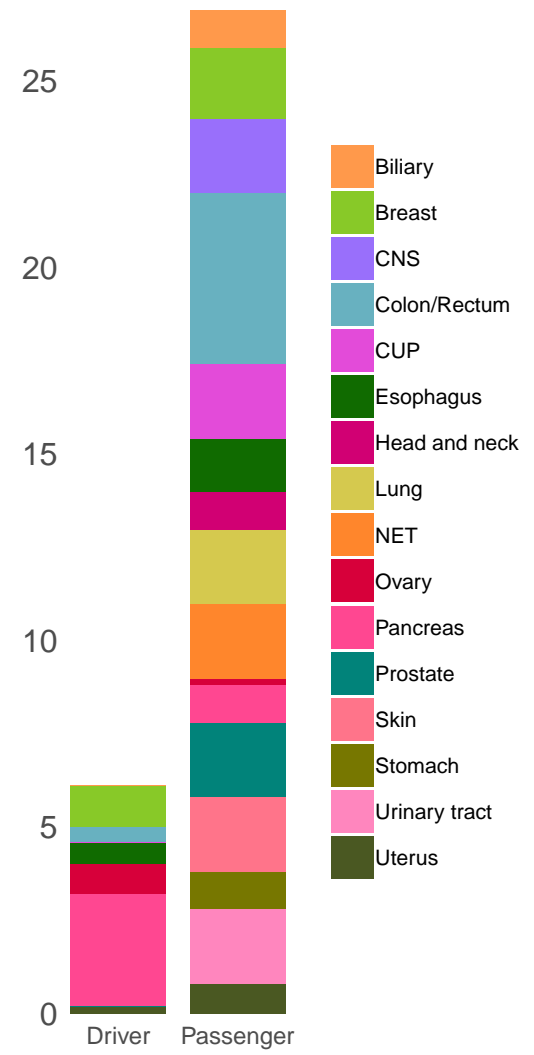
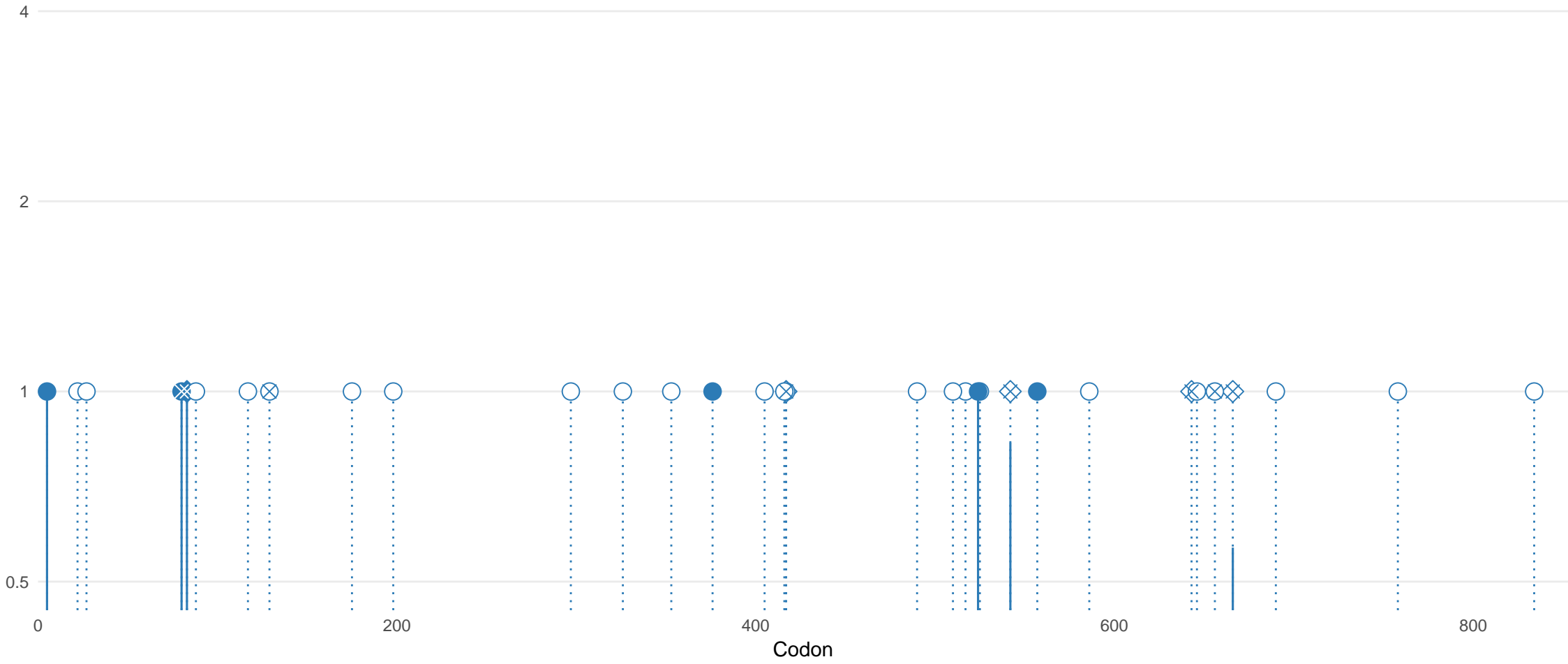


Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●

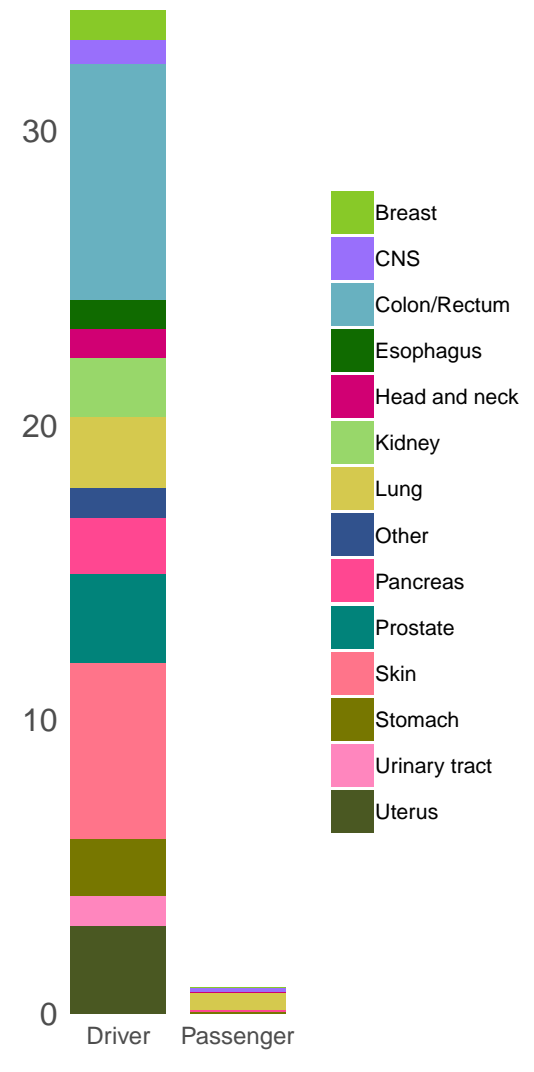
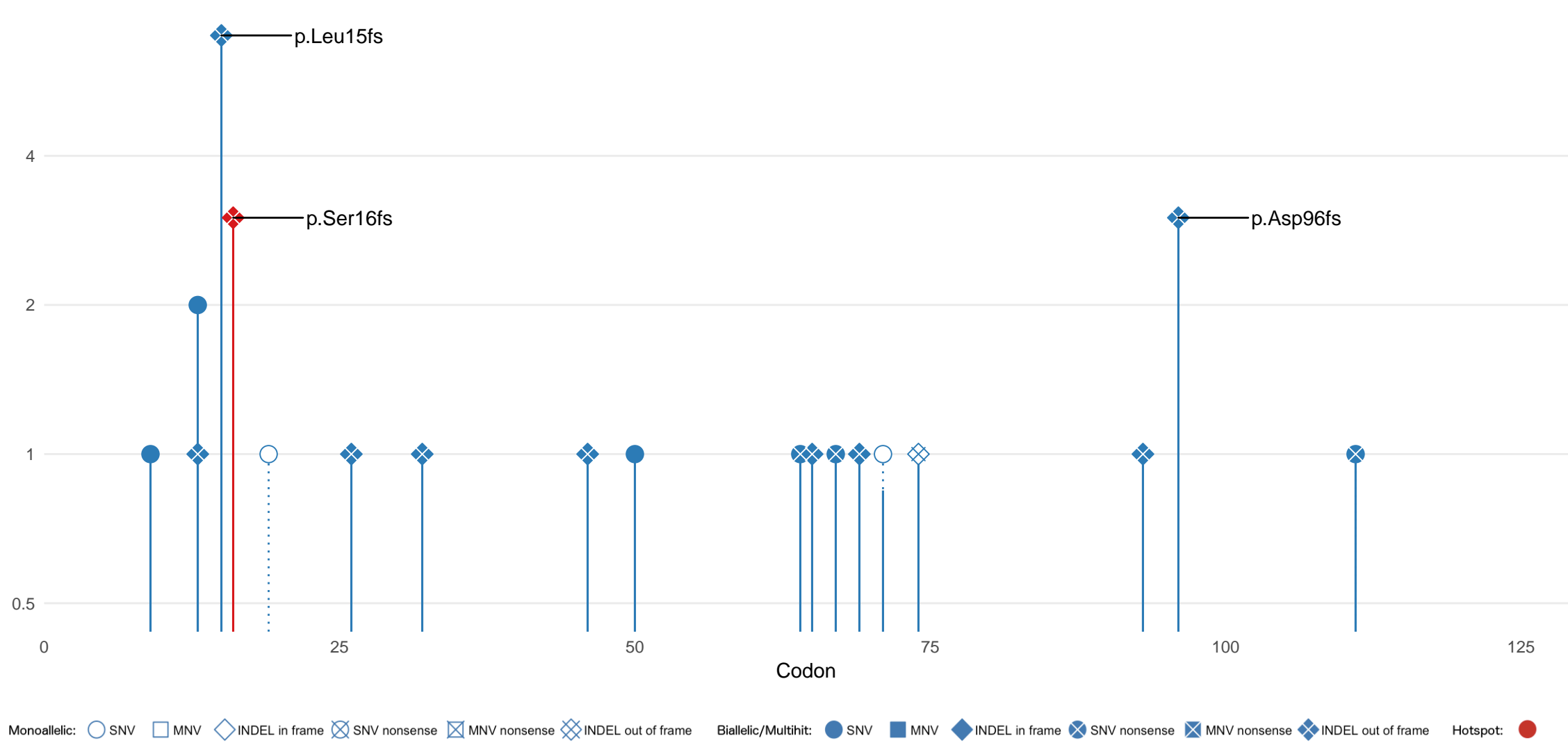
AXIN1 Variants



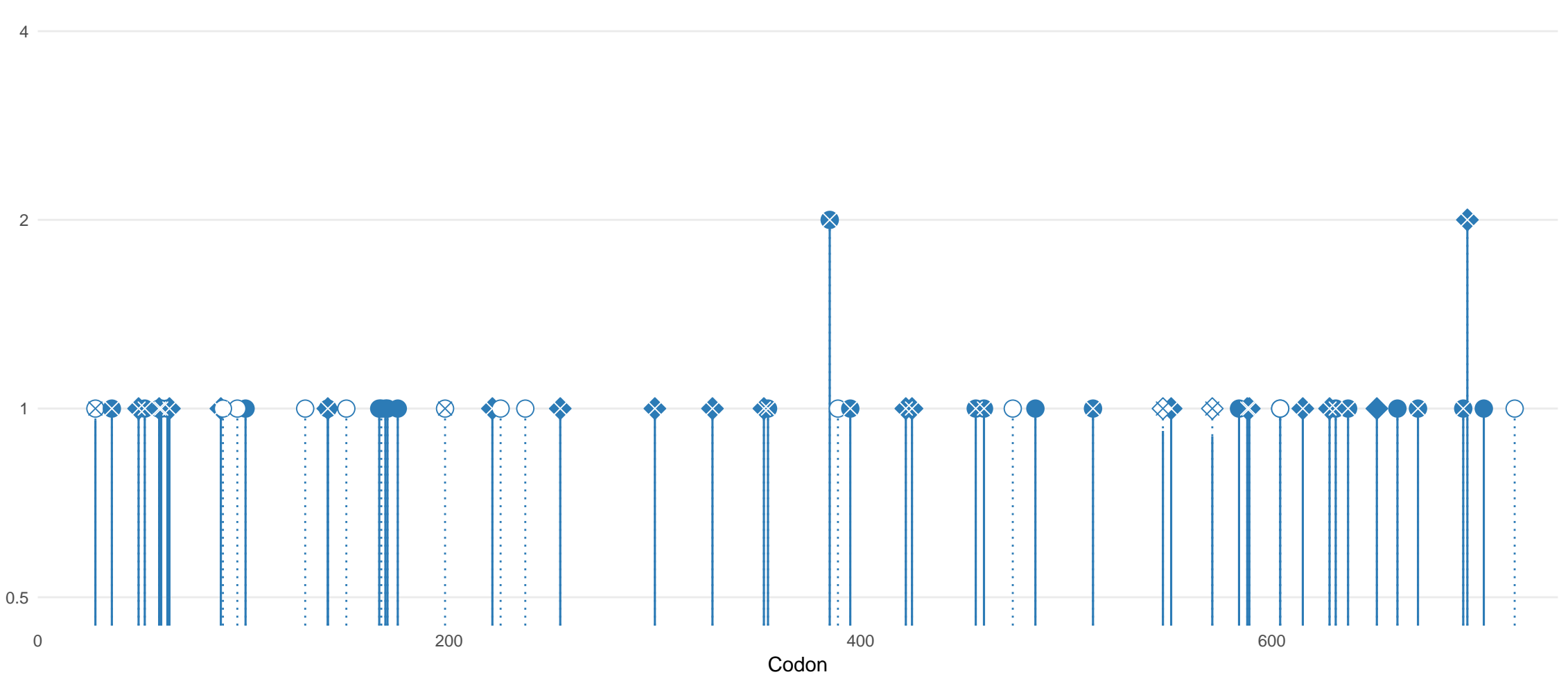
AXIN2 Variants



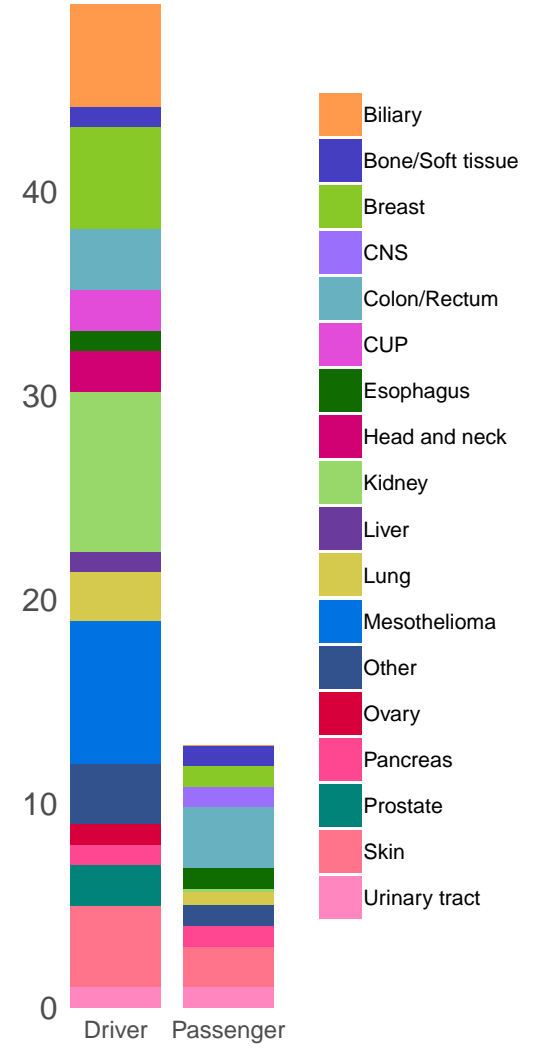
B2M Variants



BAP1 Variants



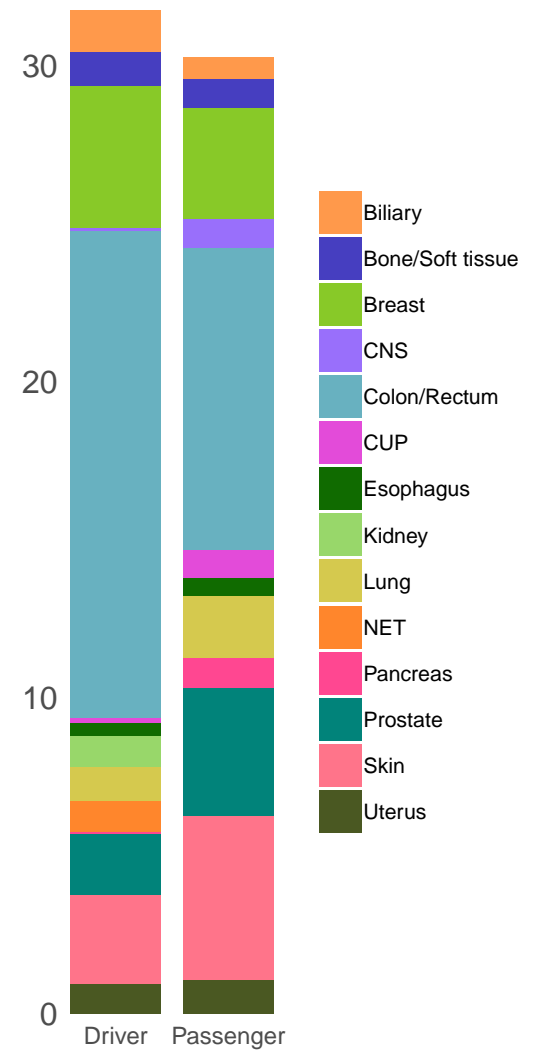
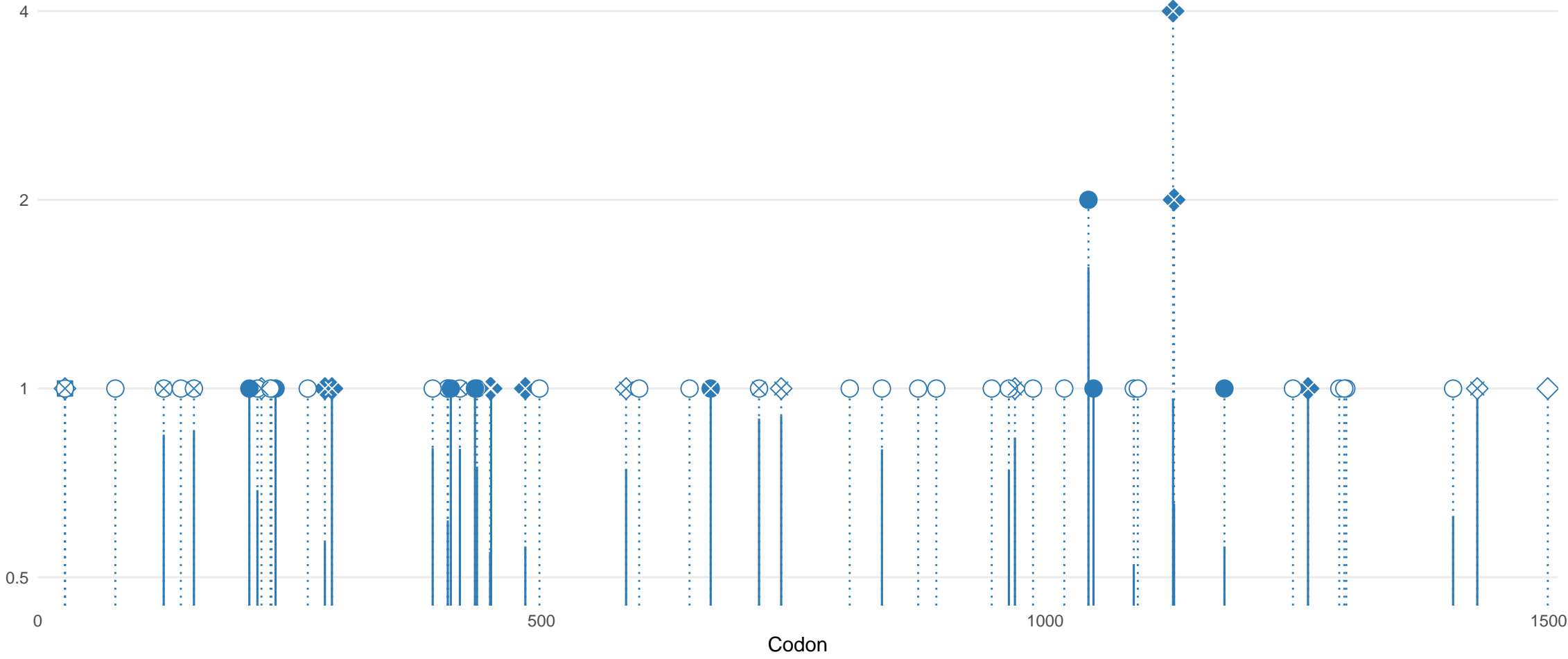
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊠ MNV nonsense ⊡ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊠ MNV nonsense ⊡ INDEL out of frame
Hotspot: ●



Driver Passenger

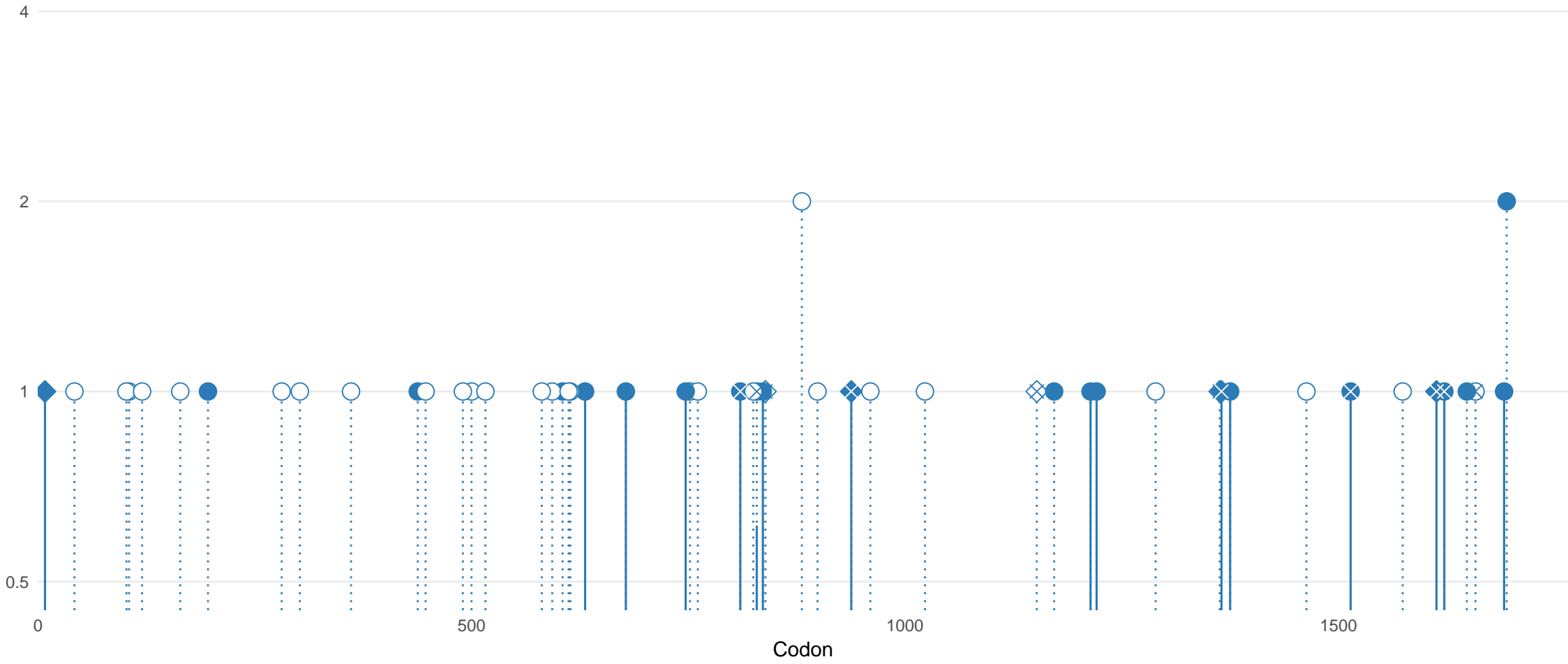
- Biliary
- Bone/Soft tissue
- Breast
- CNS
- Colon/Rectum
- CUP
- Esophagus
- Head and neck
- Kidney
- Liver
- Lung
- Mesothelioma
- Other
- Ovary
- Pancreas
- Prostate
- Skin
- Urinary tract

BCL9L Variants

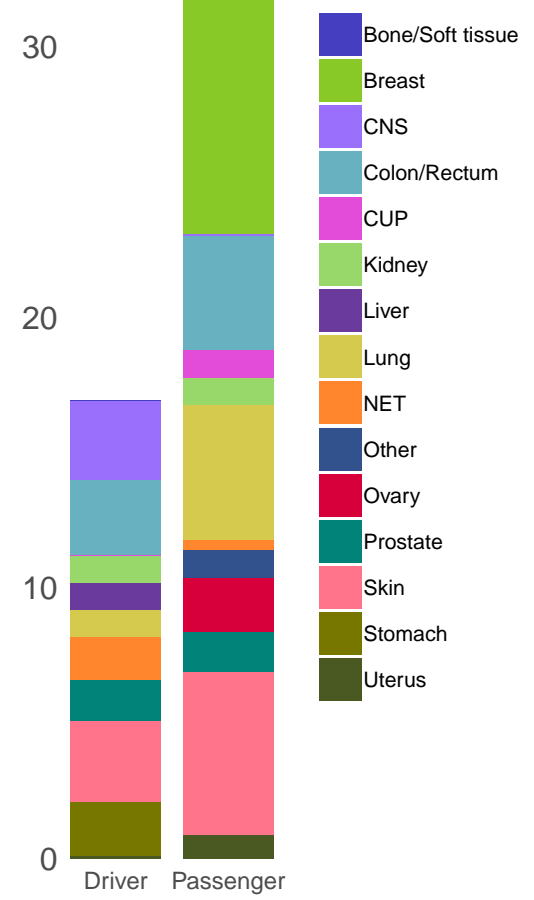


Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊠ MNV nonsense ⊞ INDEL out of frame Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊠ MNV nonsense ⊞ INDEL out of frame Hotspot: ● (Red)

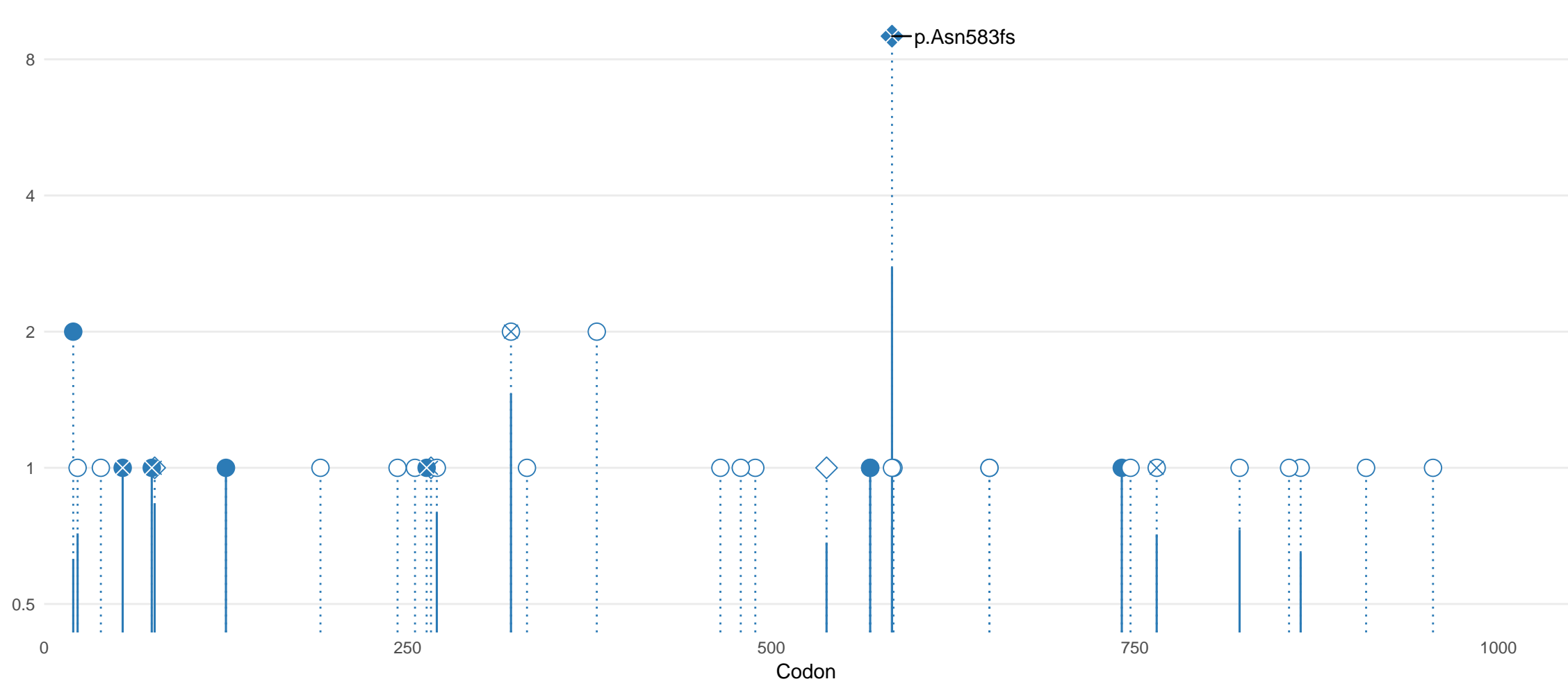
BCOR Variants



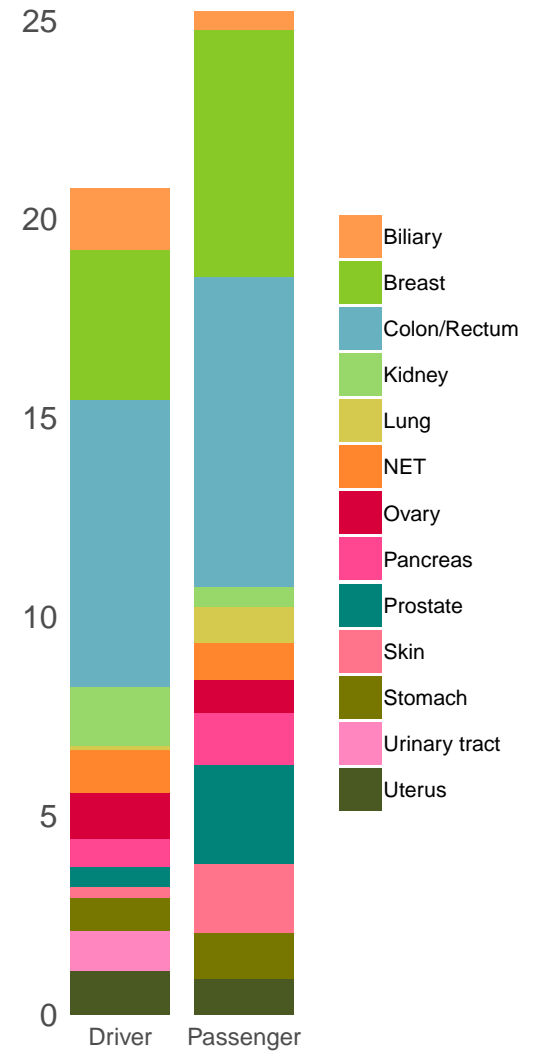
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●



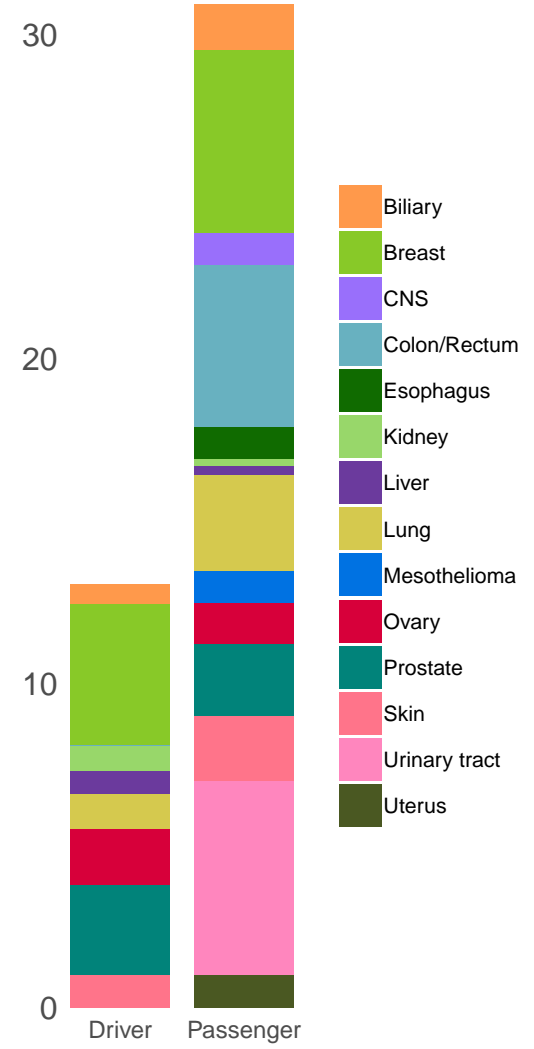
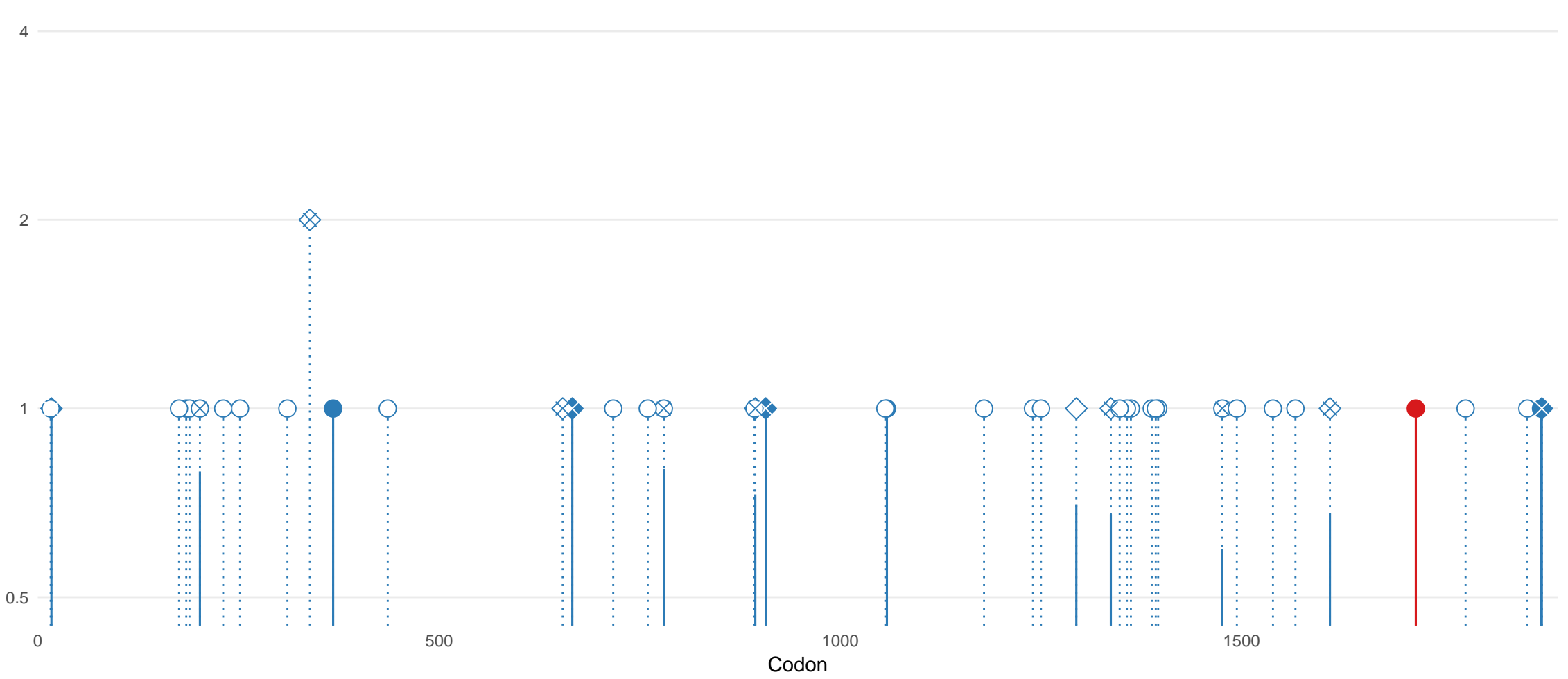
BMPR2 Variants



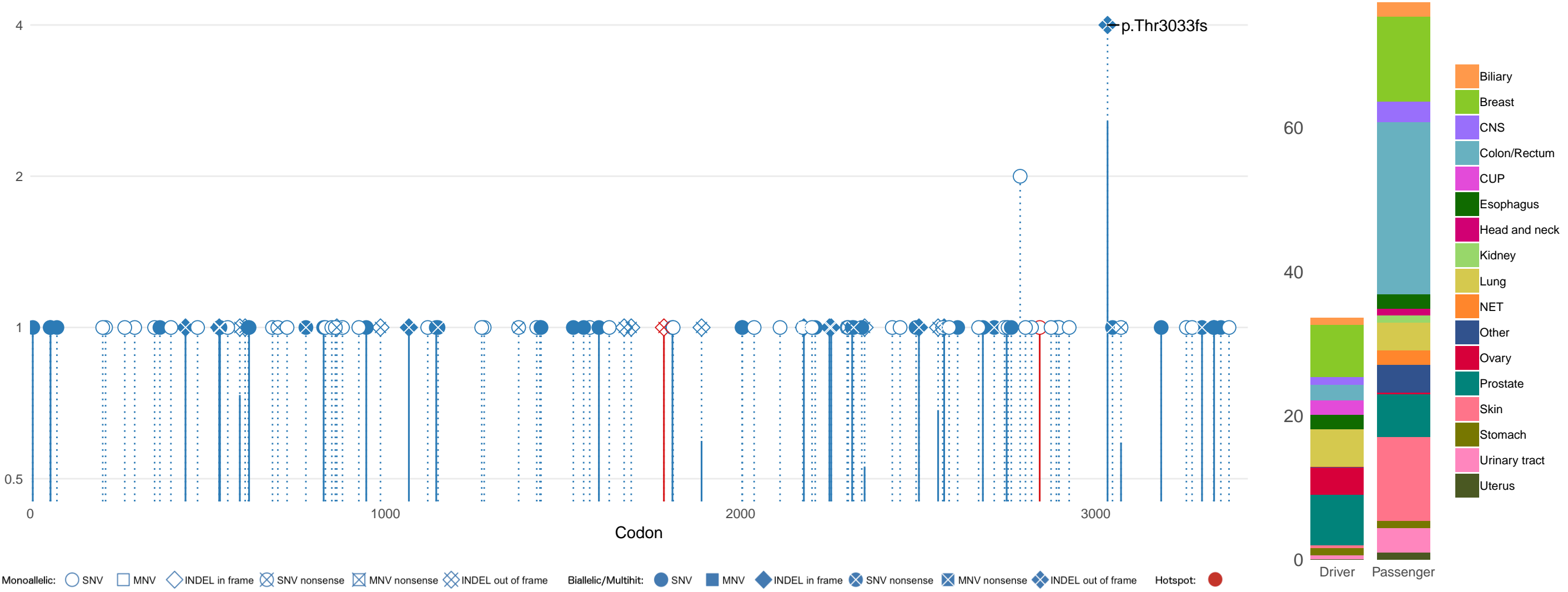
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●



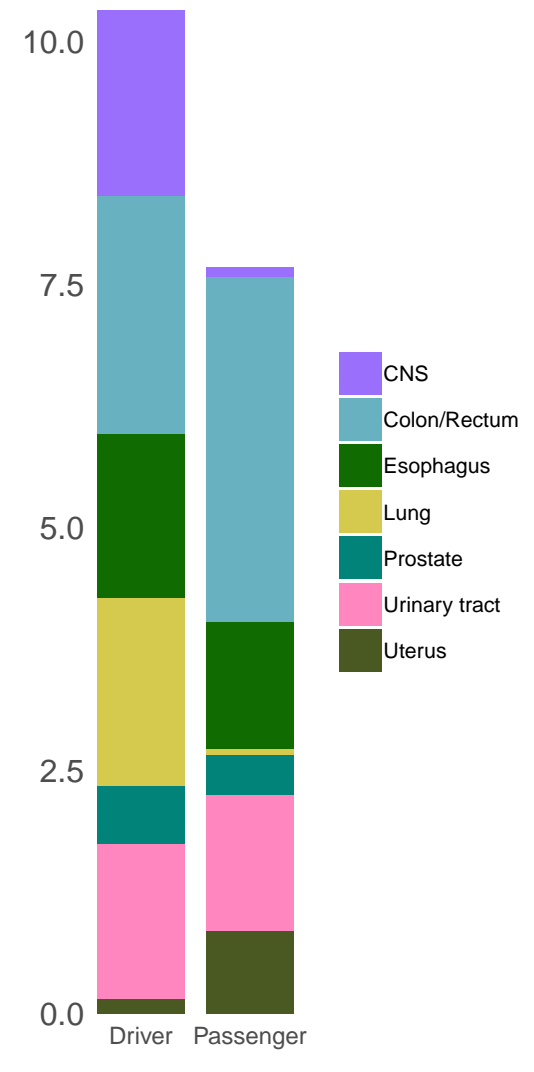
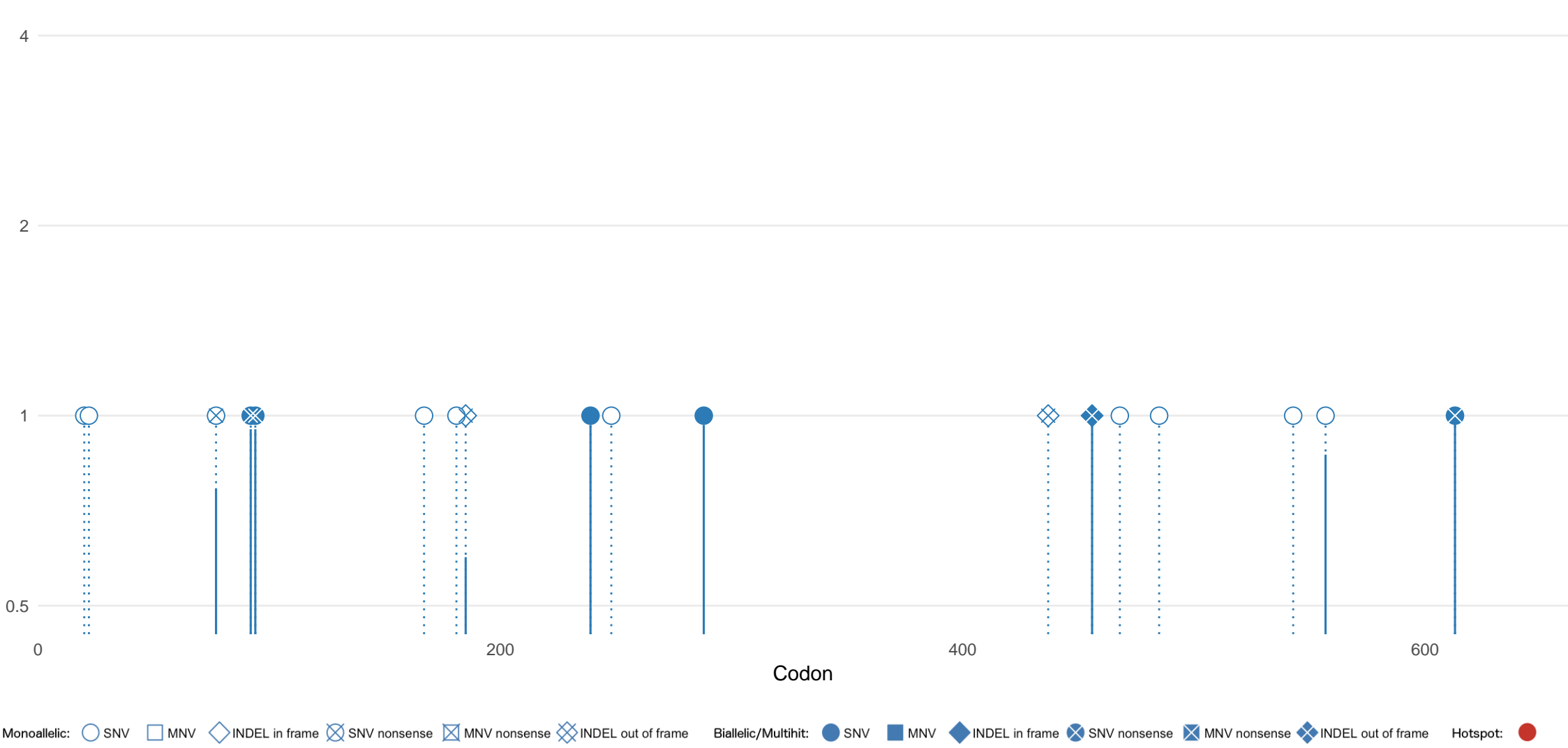
BRCA1 Variants



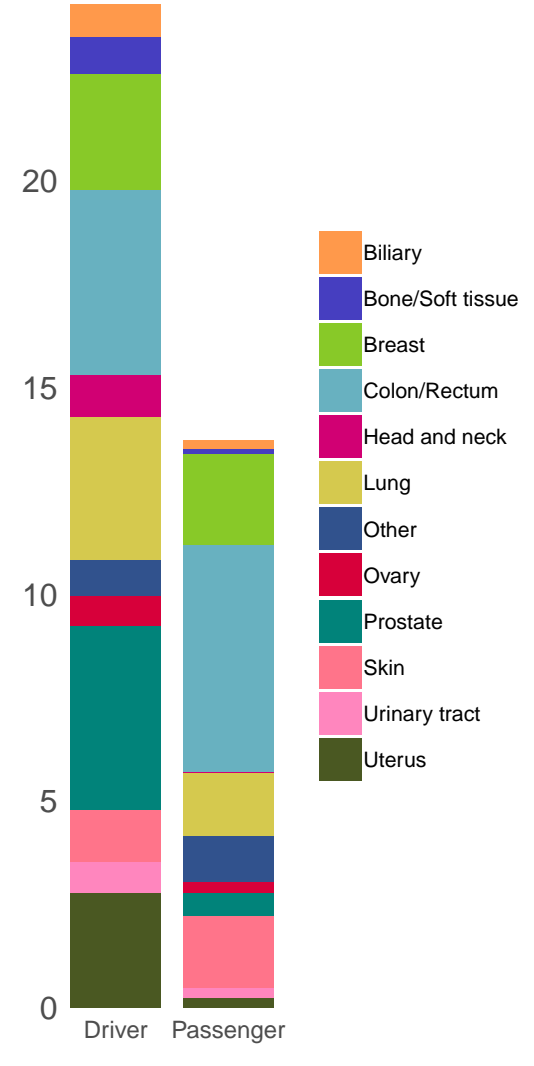
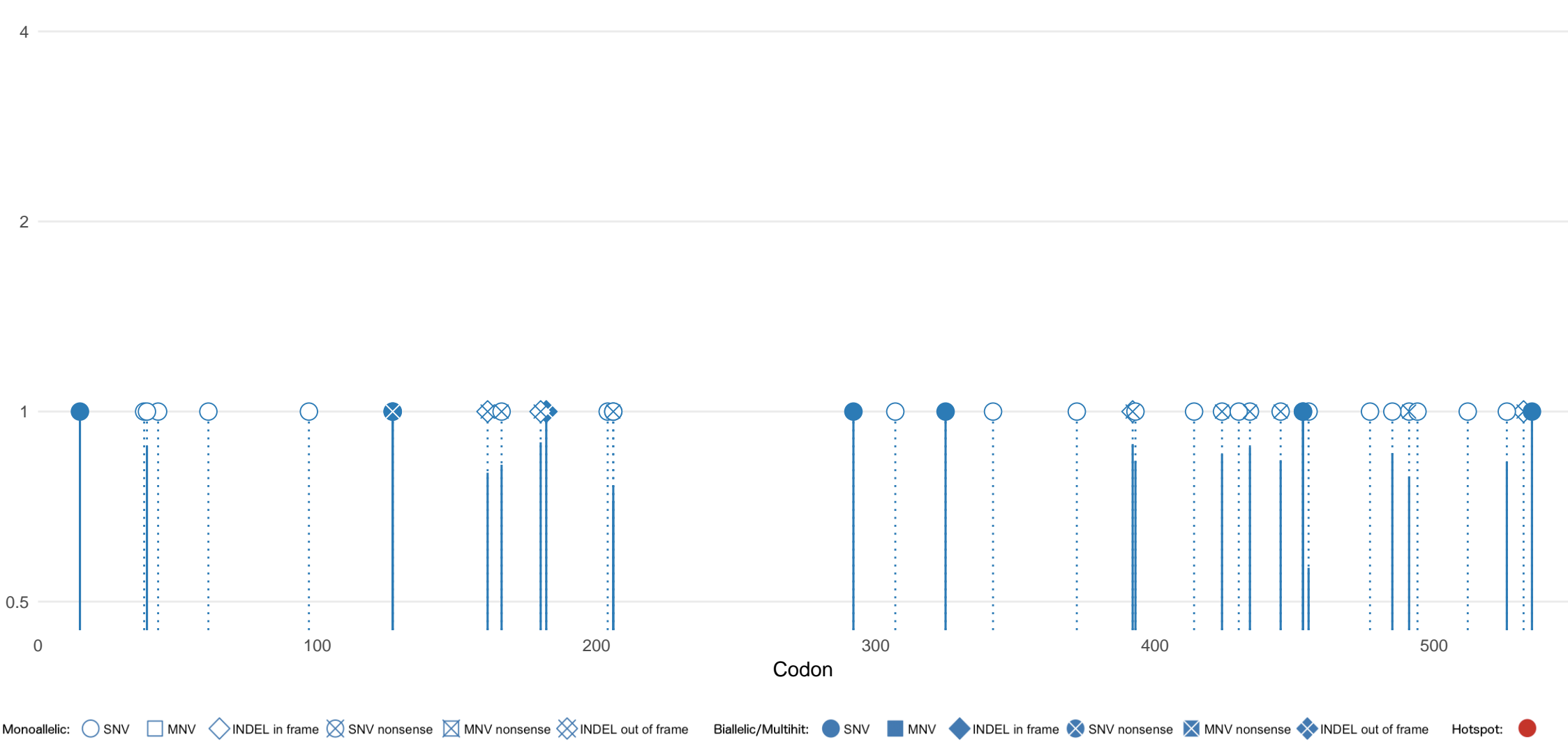
BRCA2 Variants



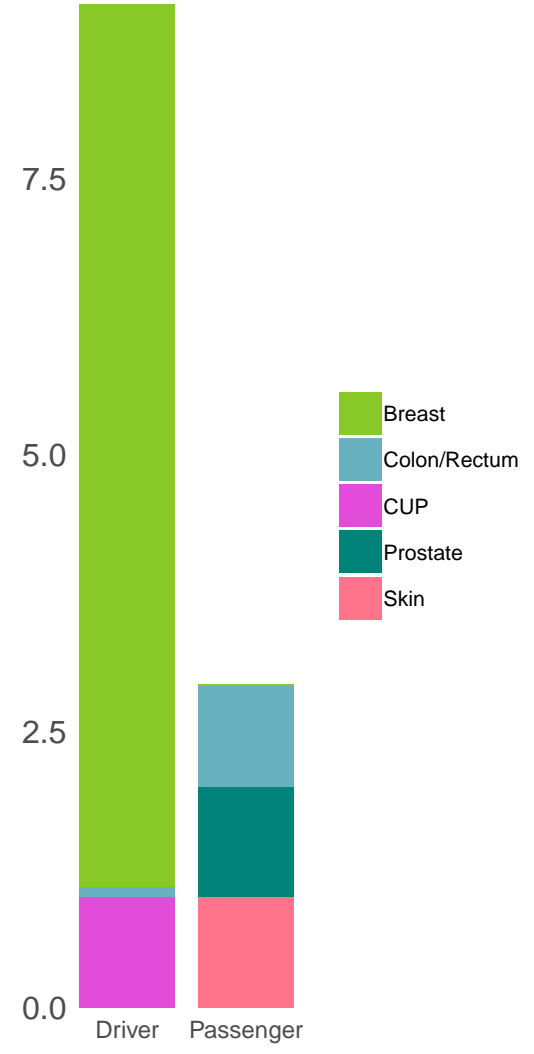
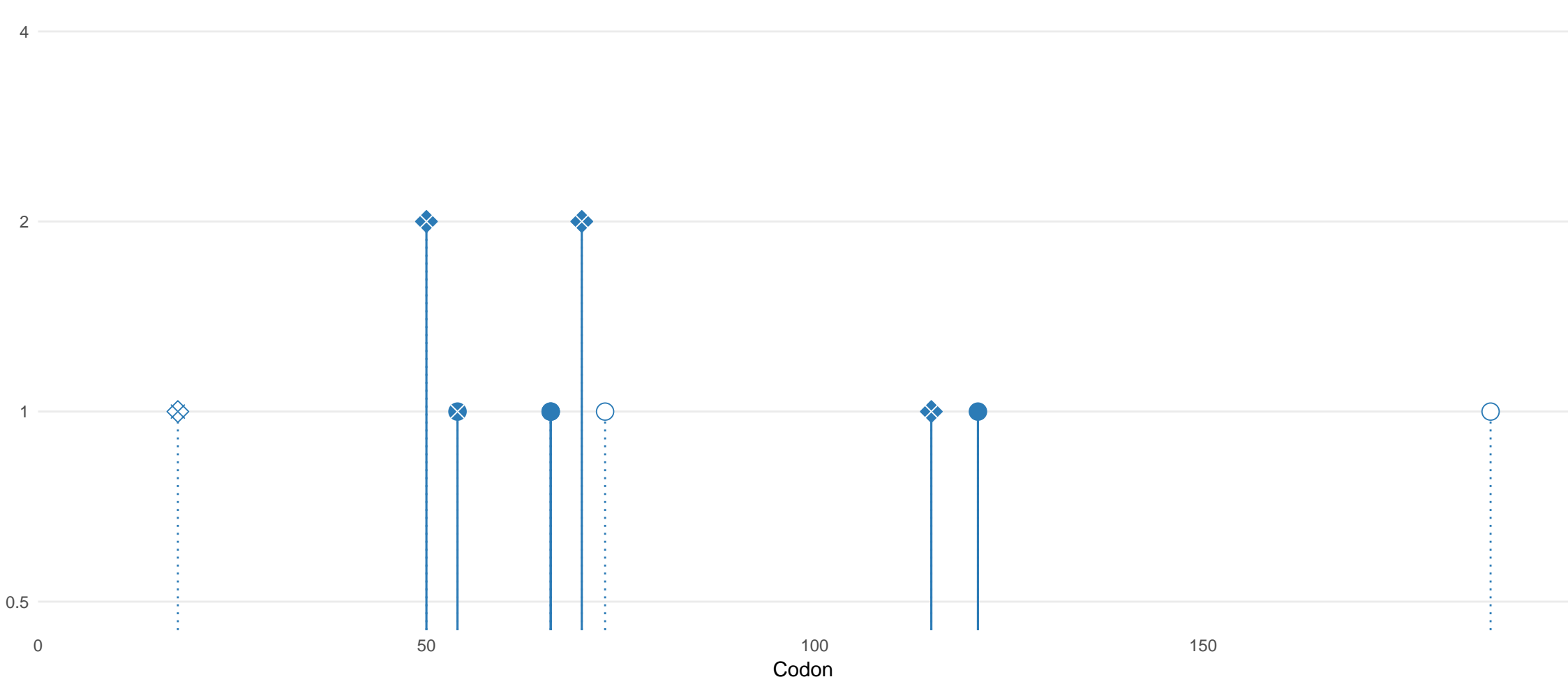
BRD7 Variants



CASP8 Variants

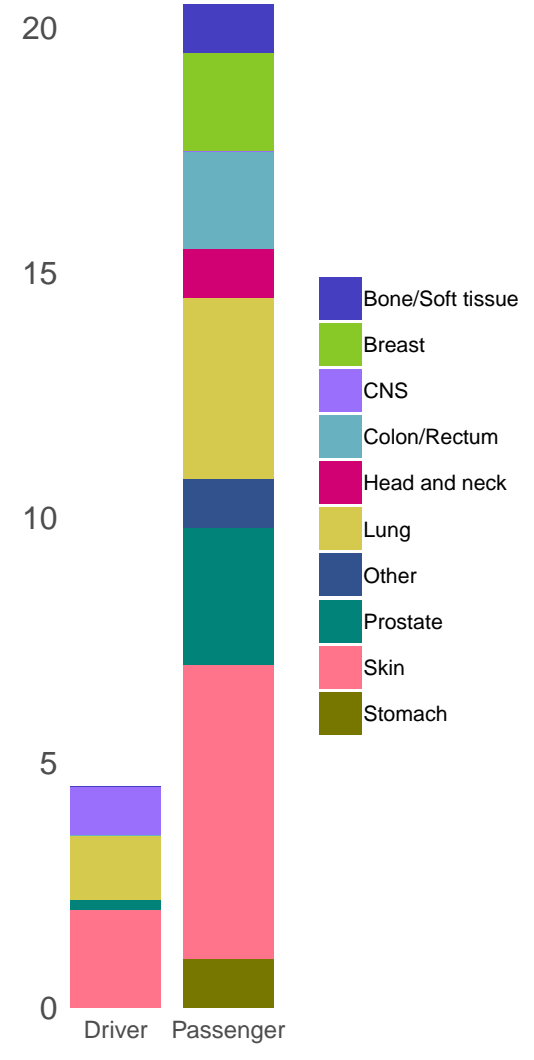
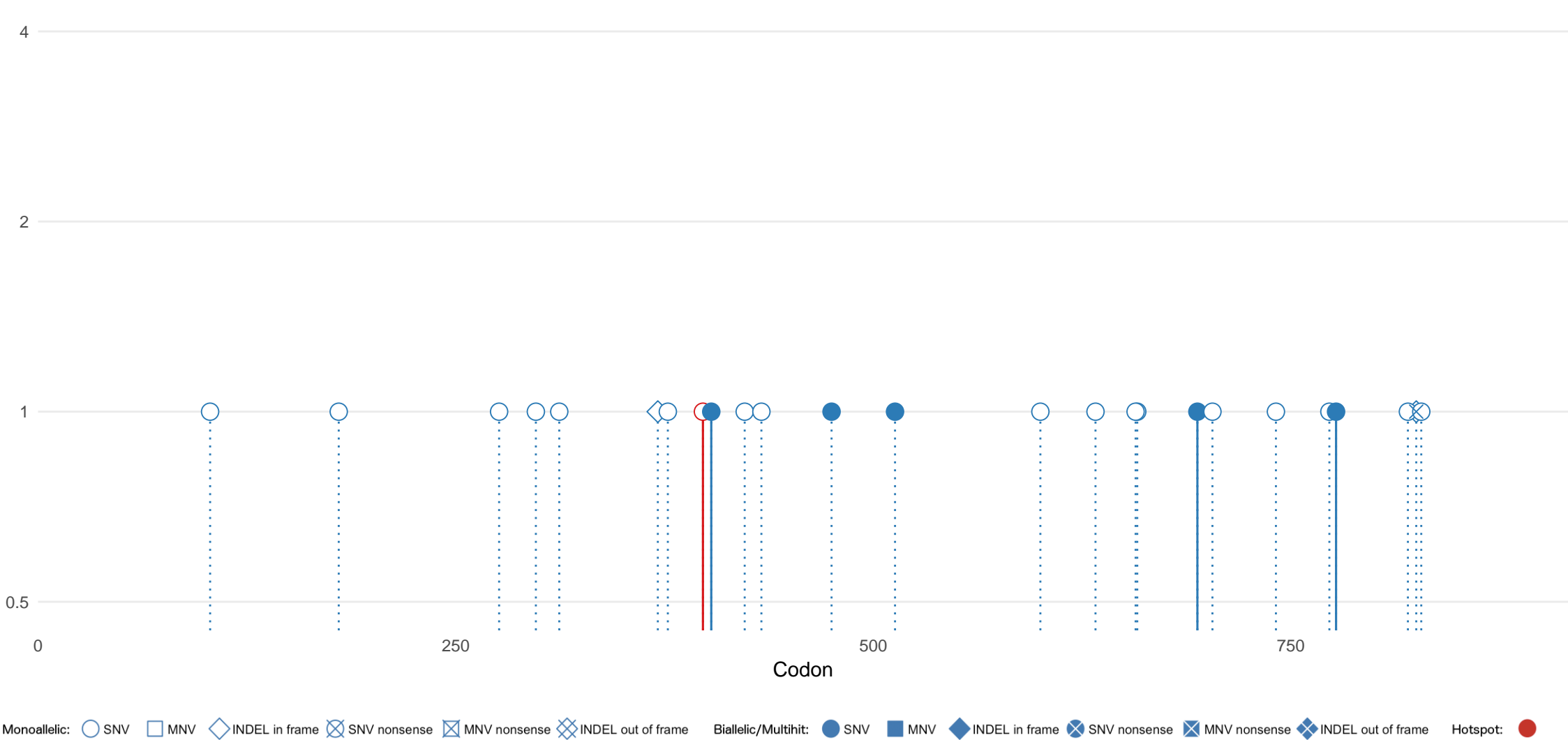


CBFB Variants

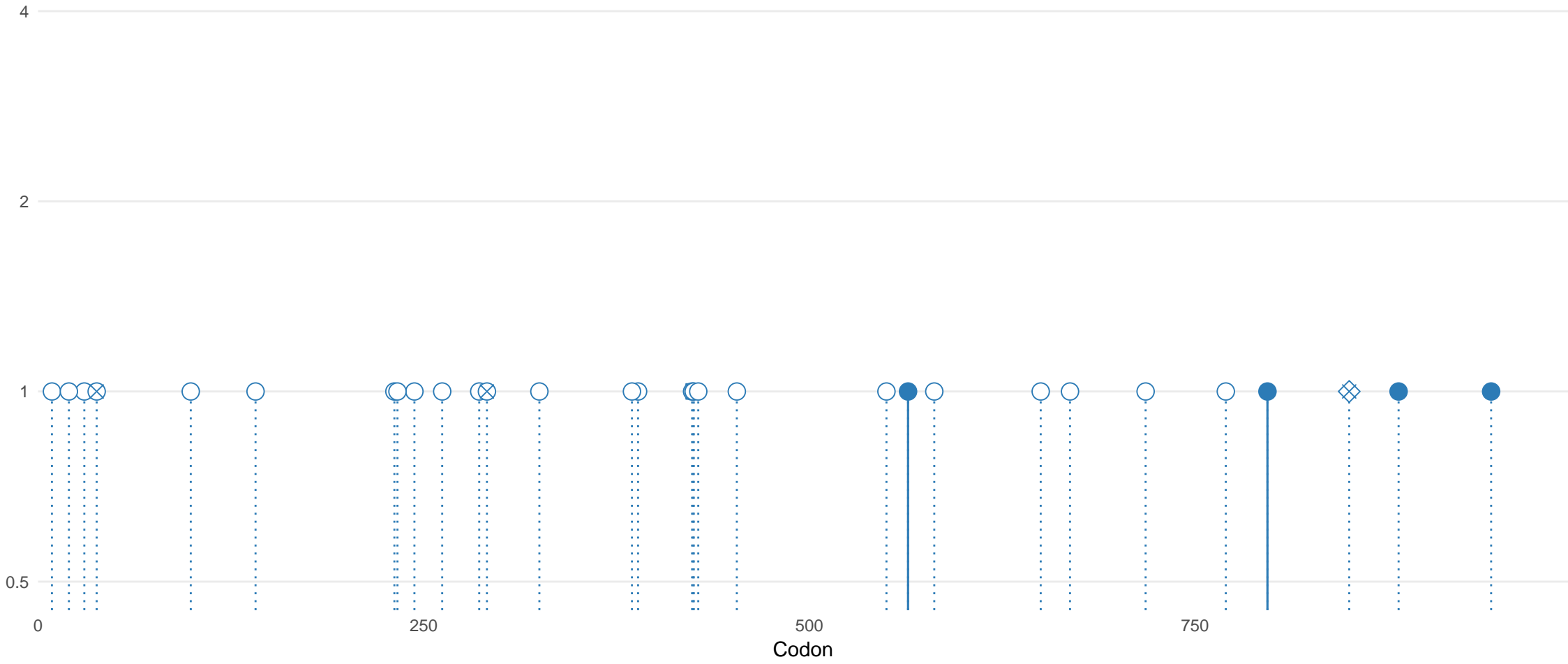


Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊠ MNV nonsense ⊞ INDEL out of frame Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊠ MNV nonsense ⊞ INDEL out of frame Hotspot: ●

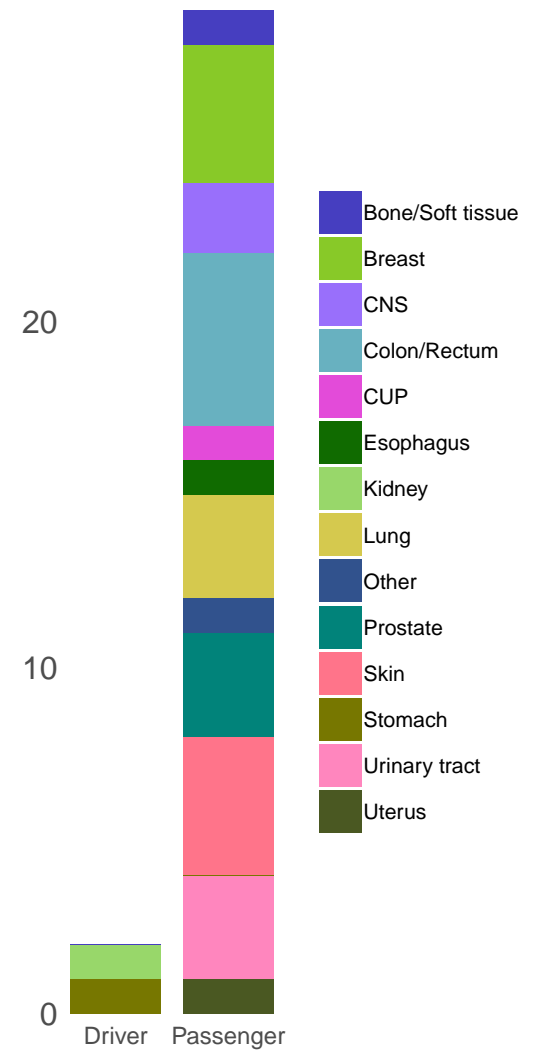
CBL Variants



CBLB Variants

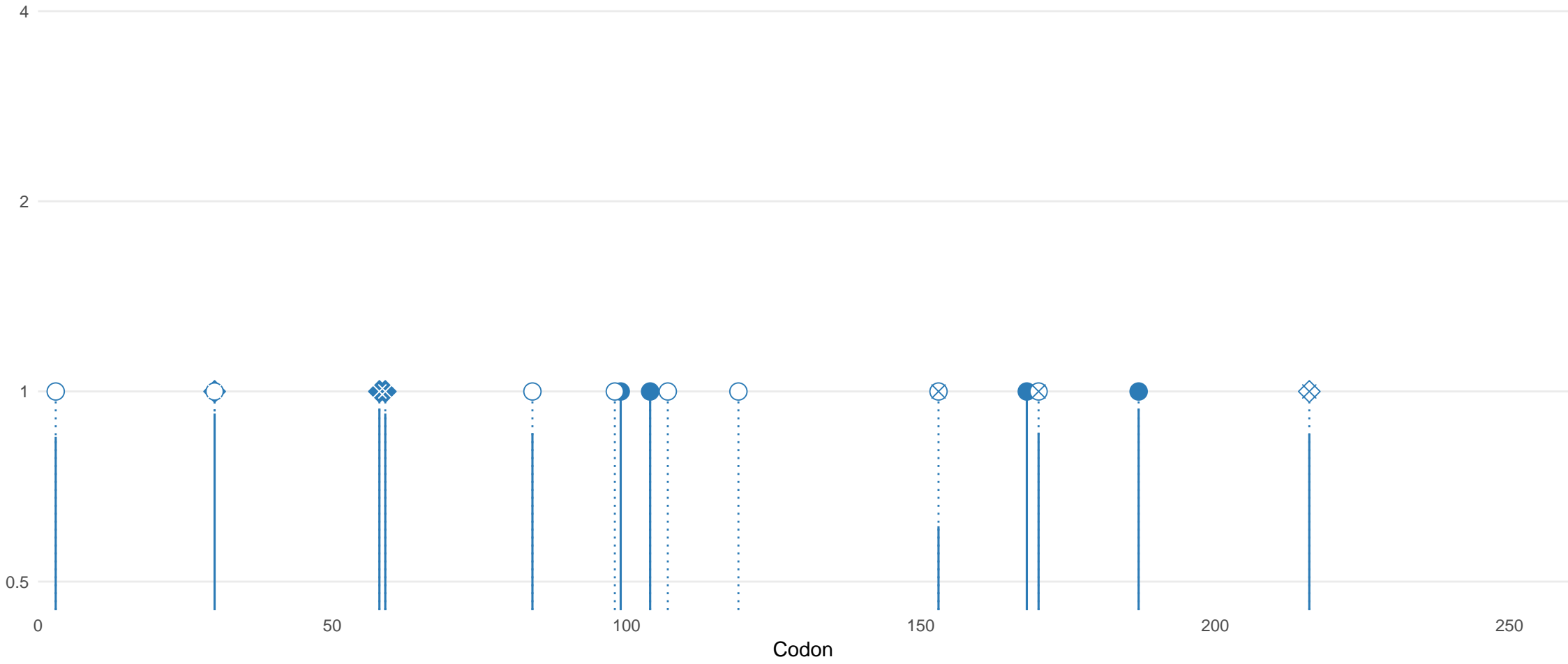


Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊠ MNV nonsense ⬠ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊠ MNV nonsense ⬠ INDEL out of frame
Hotspot: ●

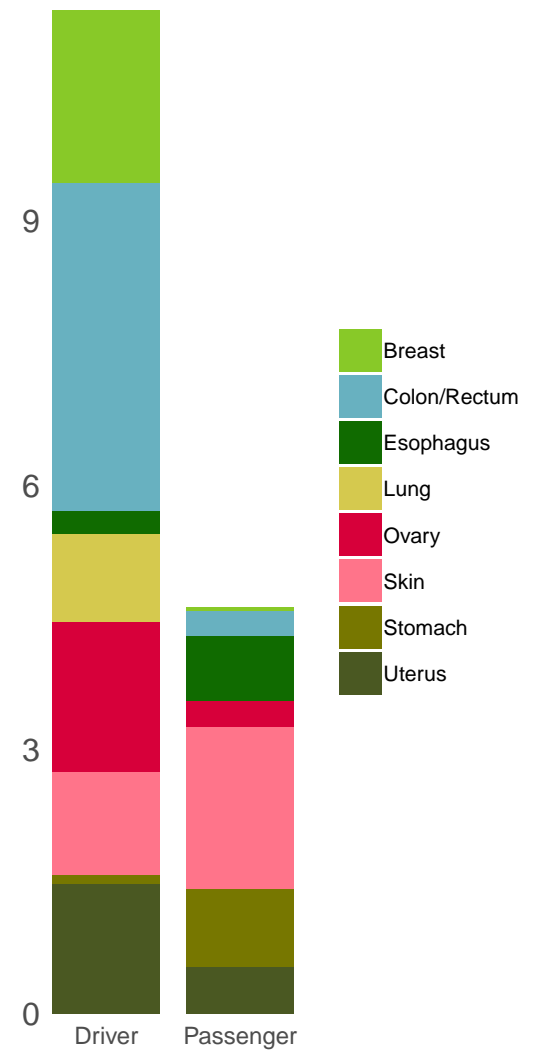


Driver **Passenger**

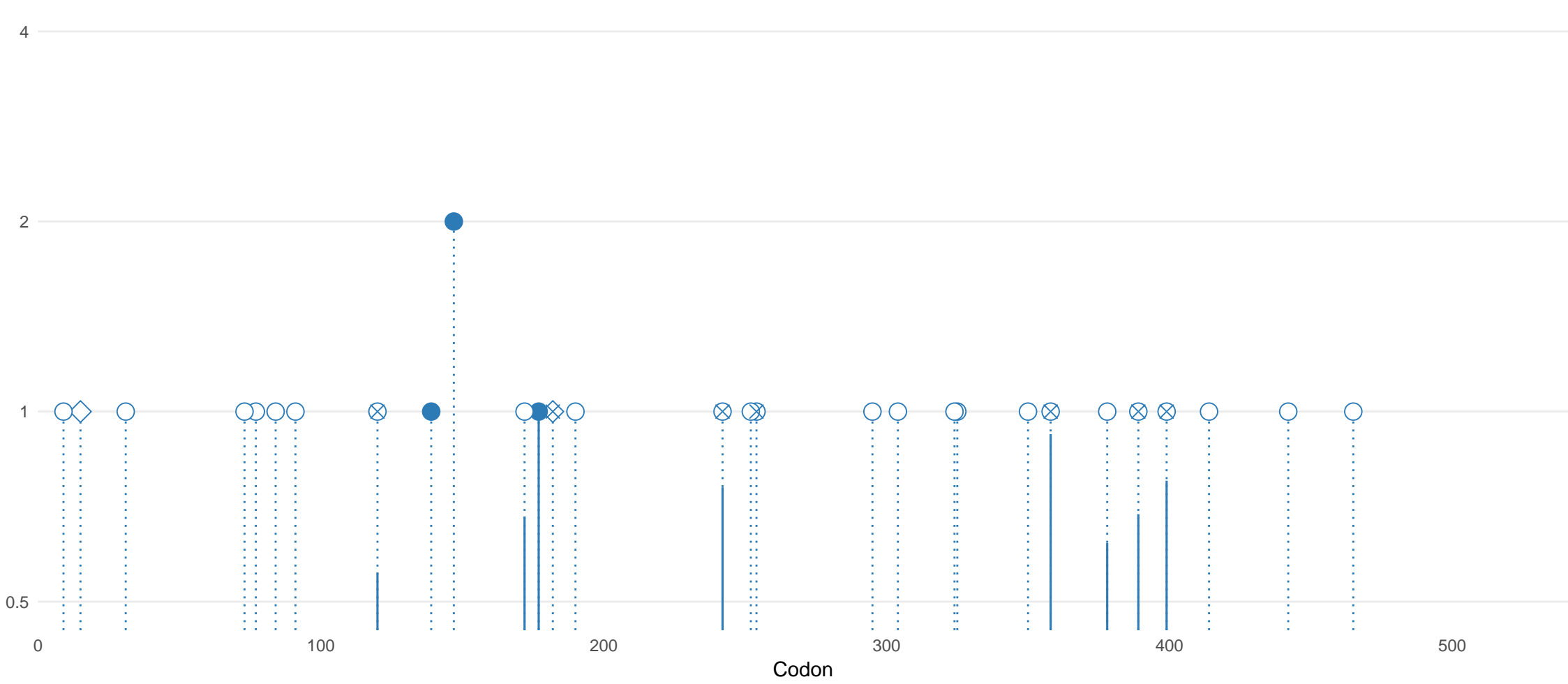
CD58 Variants



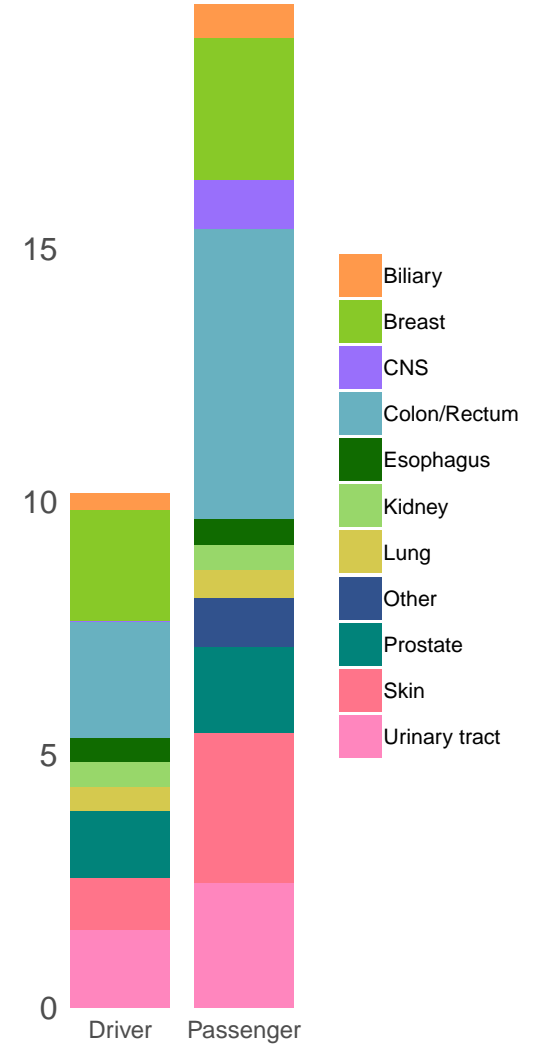
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multi-hit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●



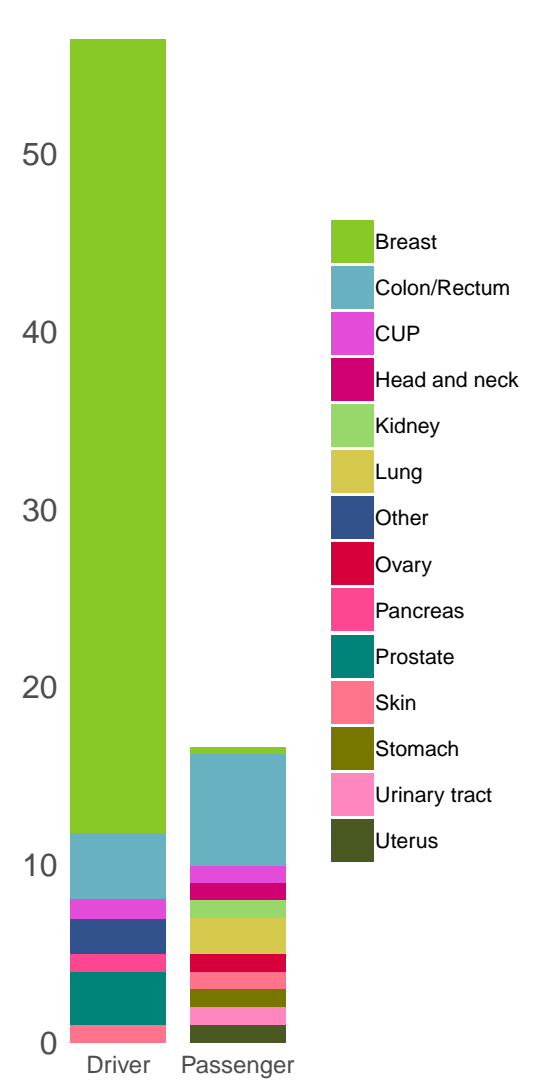
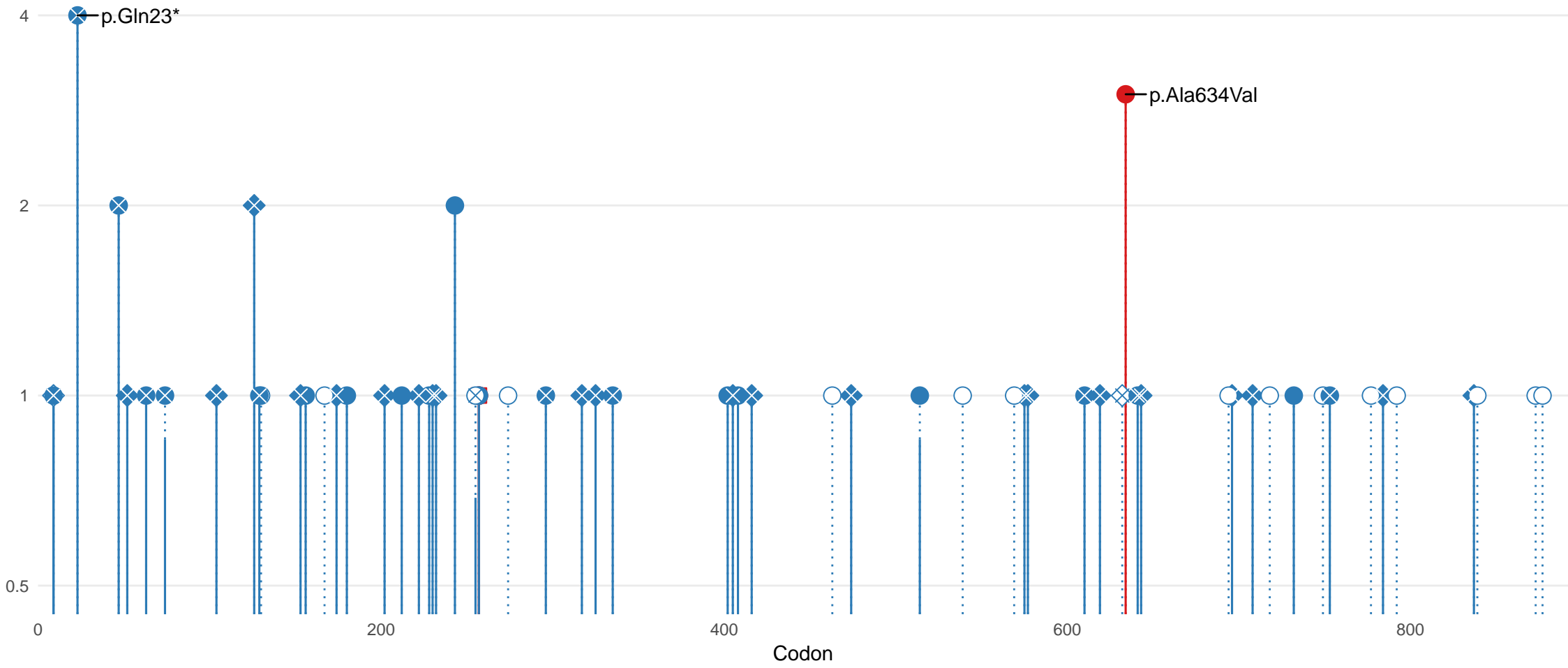
CDC73 Variants



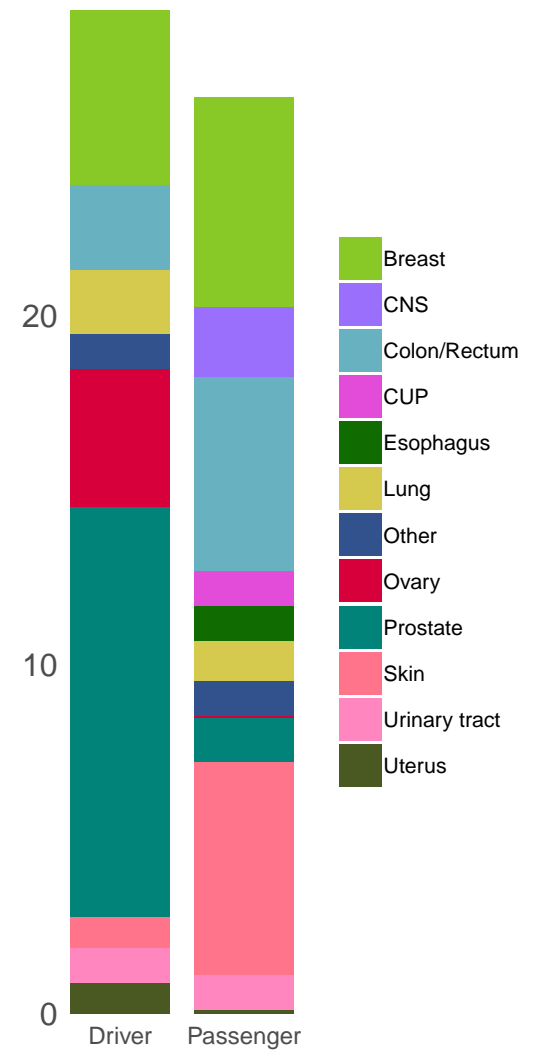
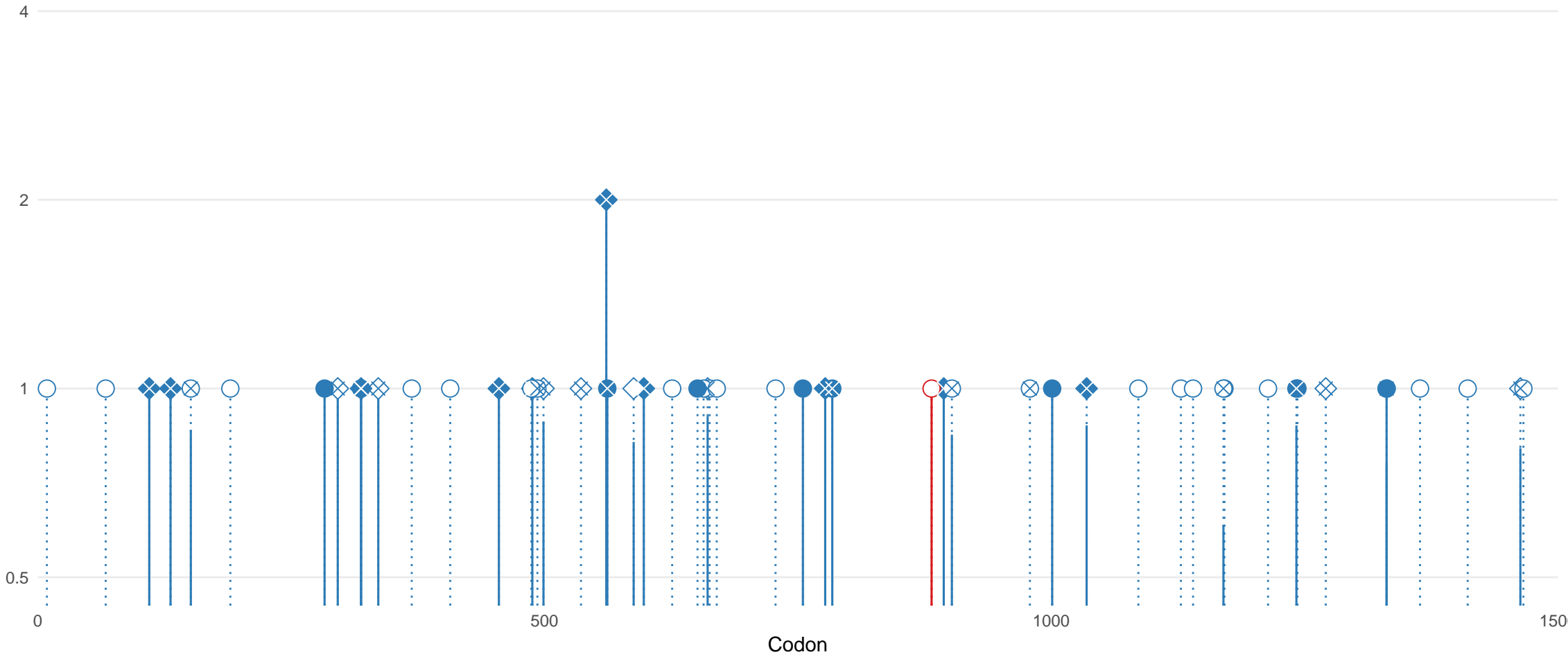
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●



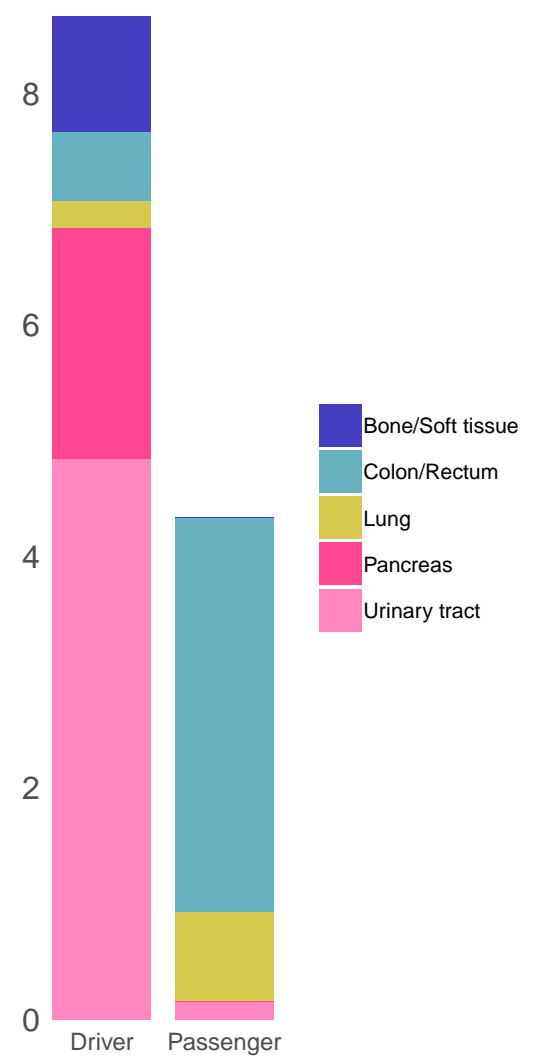
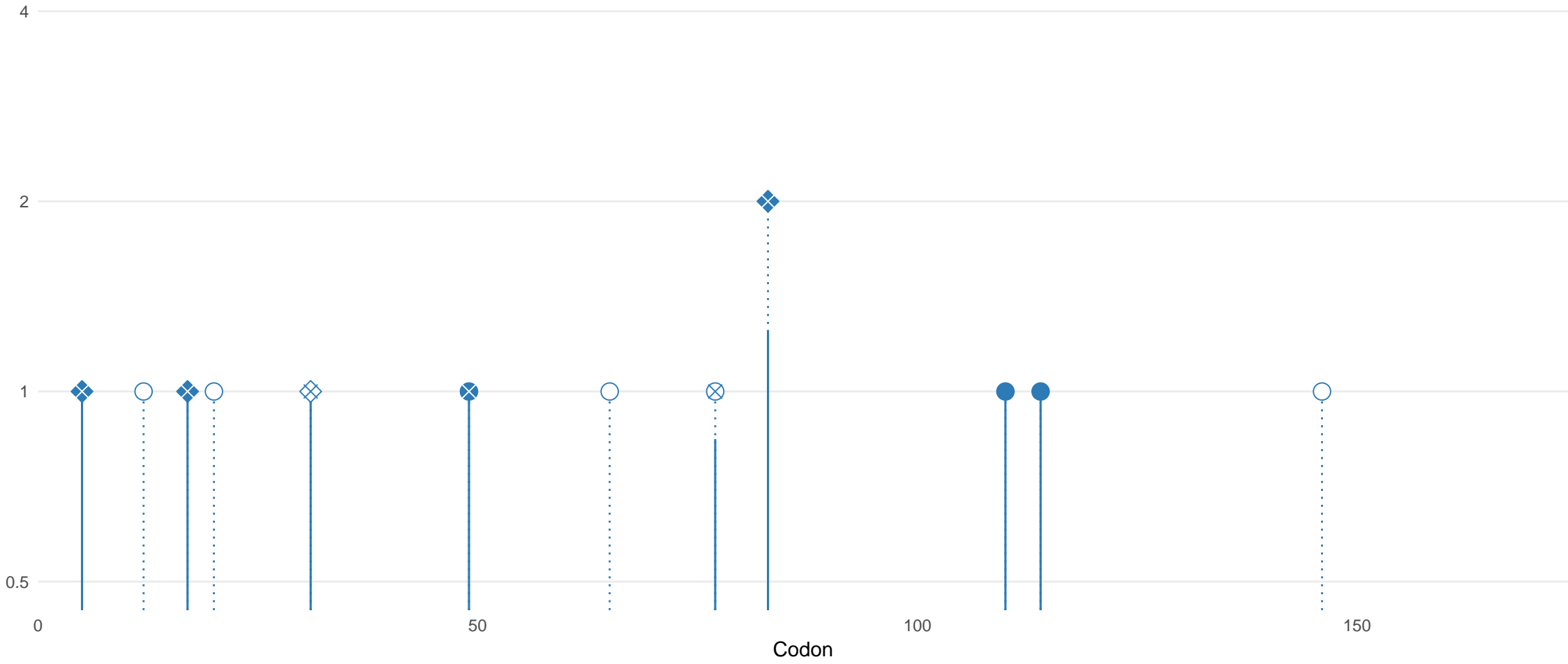
CDH1 Variants



CDK12 Variants

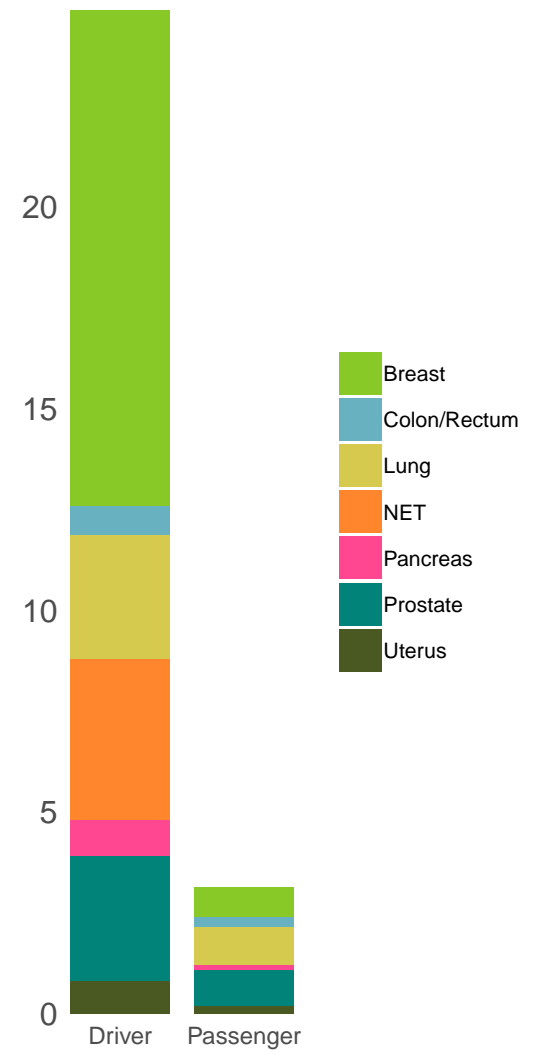
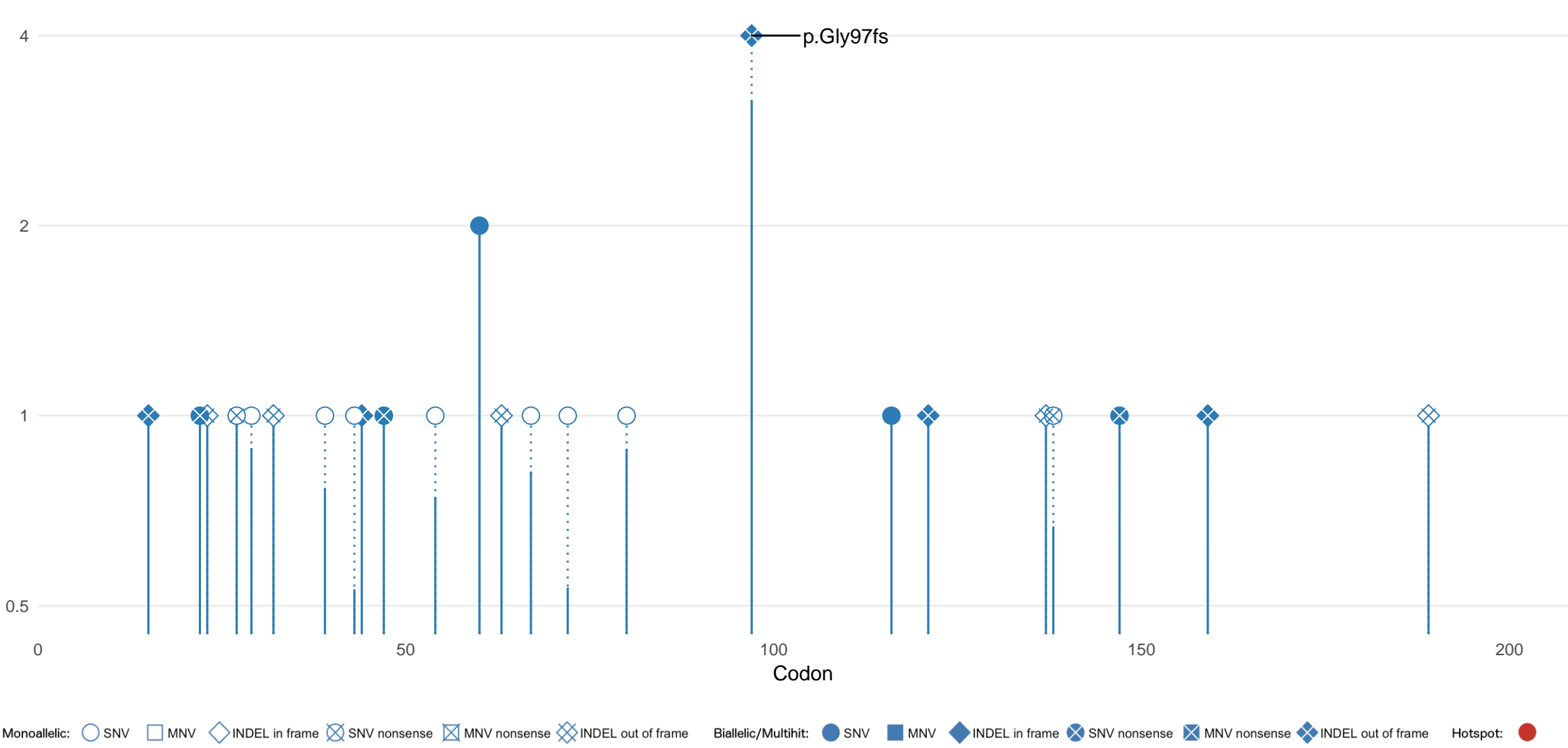


CDKN1A Variants

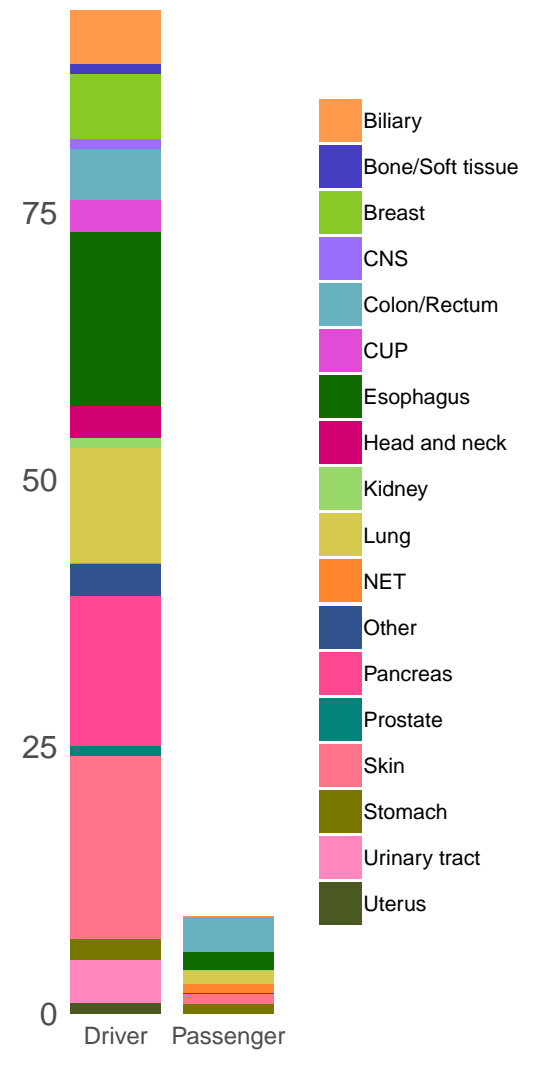
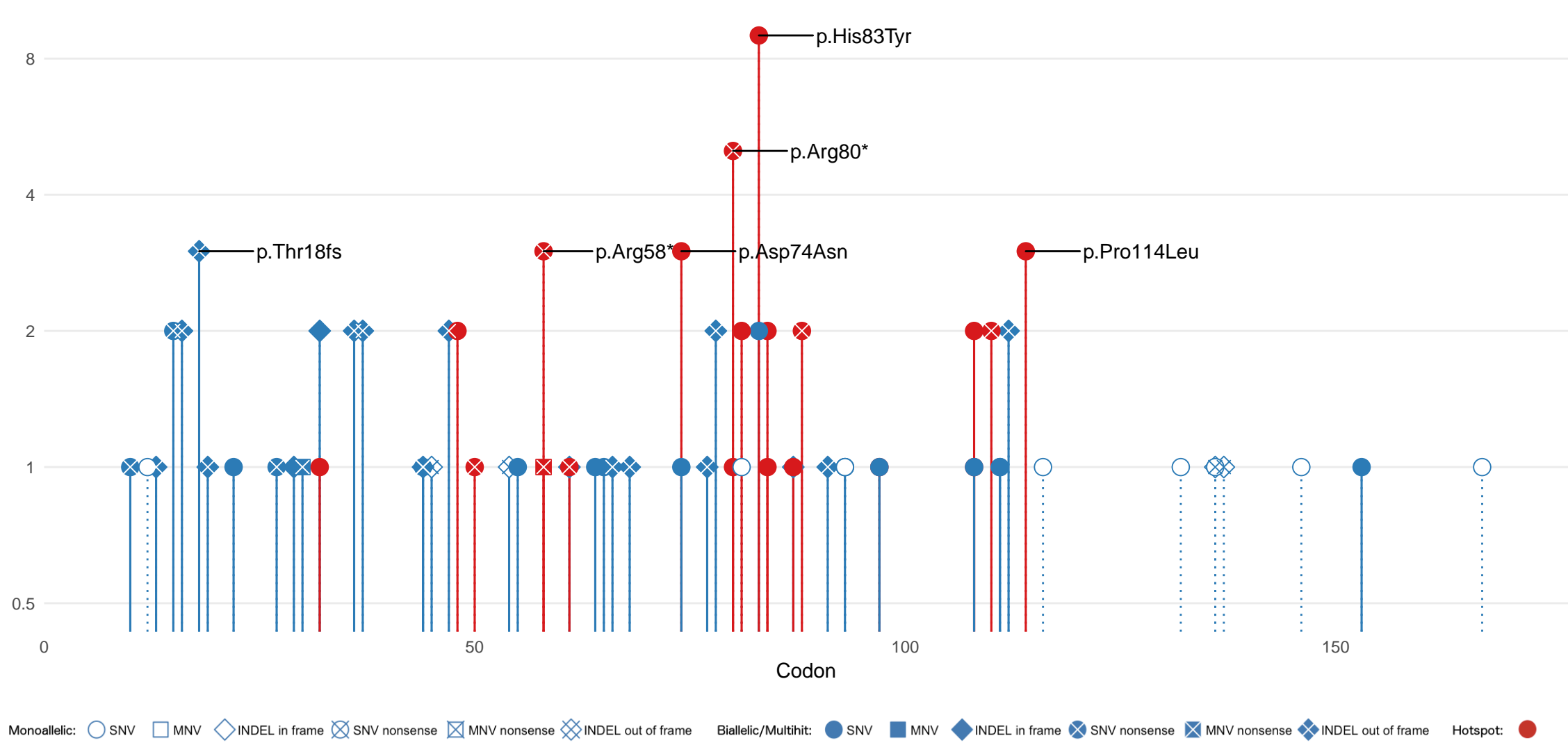


Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
 Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
 Hotspot: ●

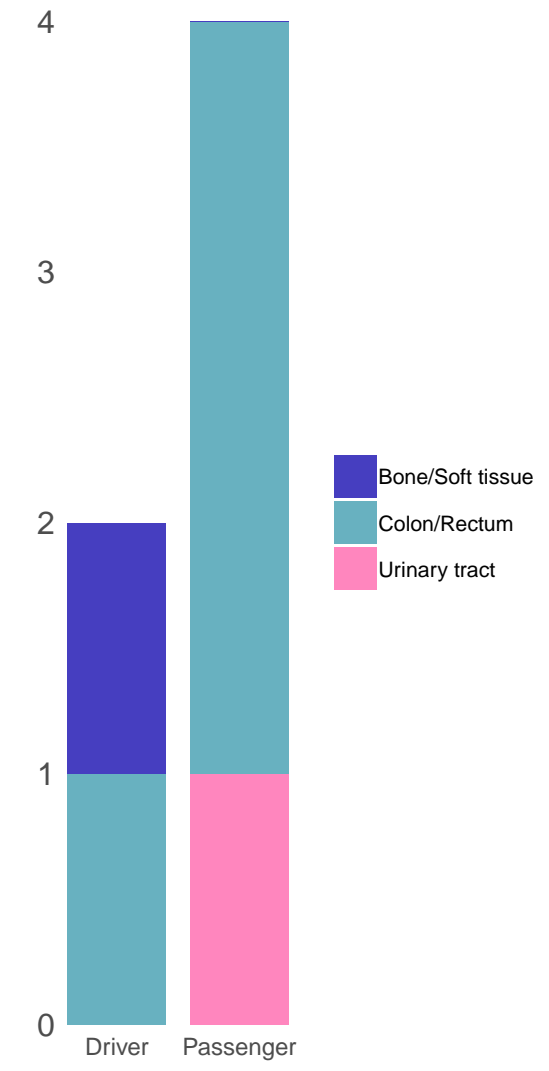
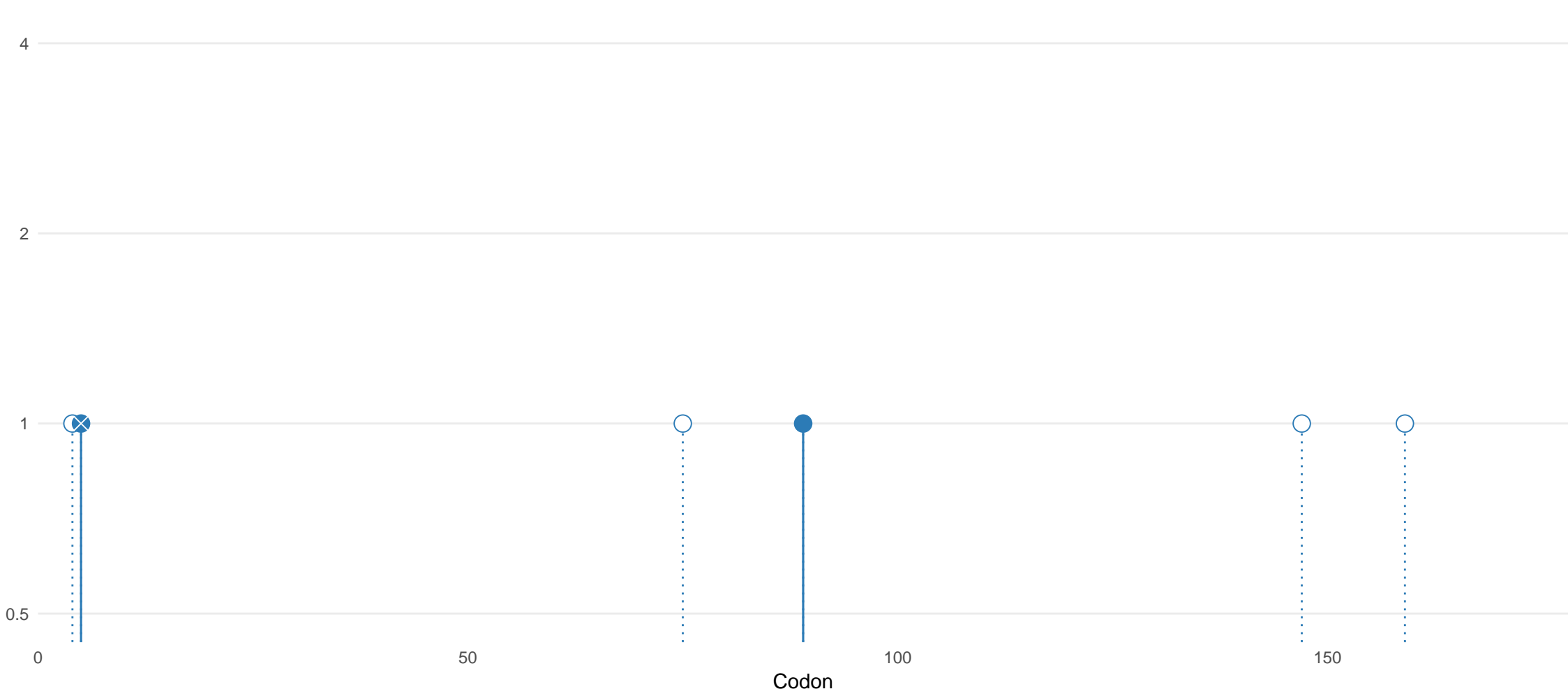
CDKN1B Variants



CDKN2A Variants

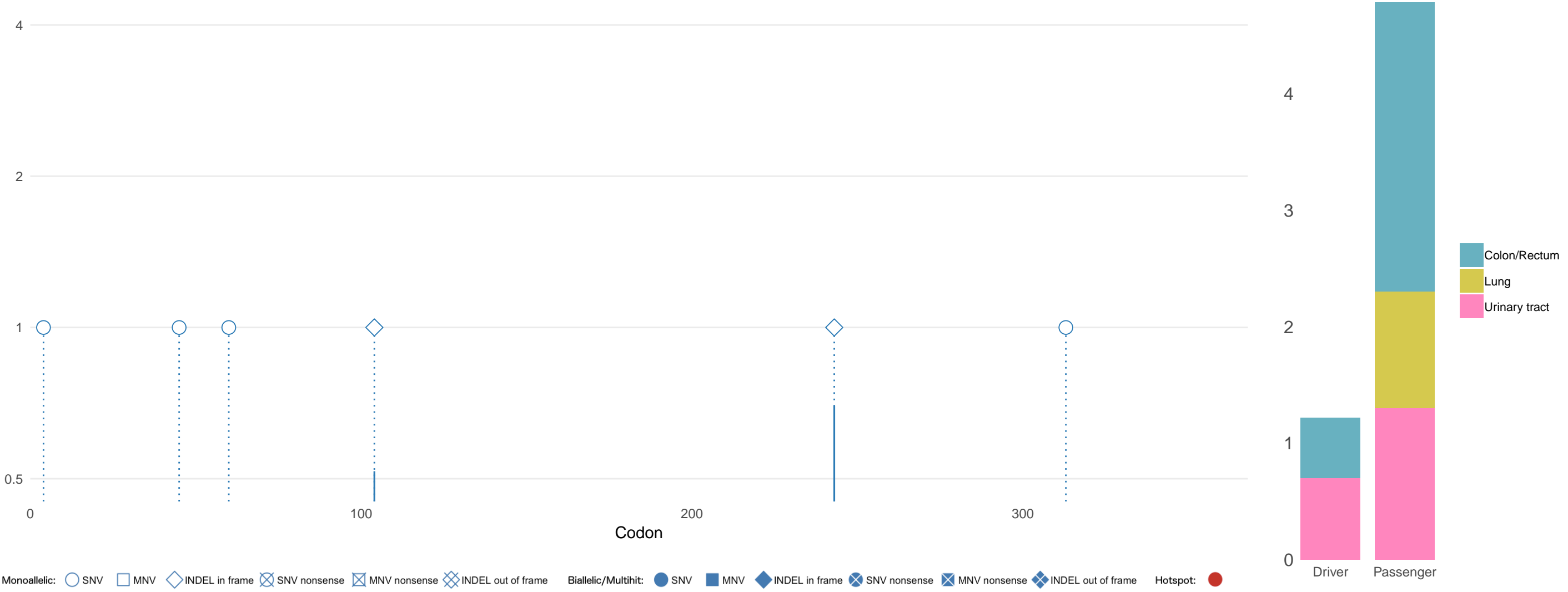


CDKN2C Variants

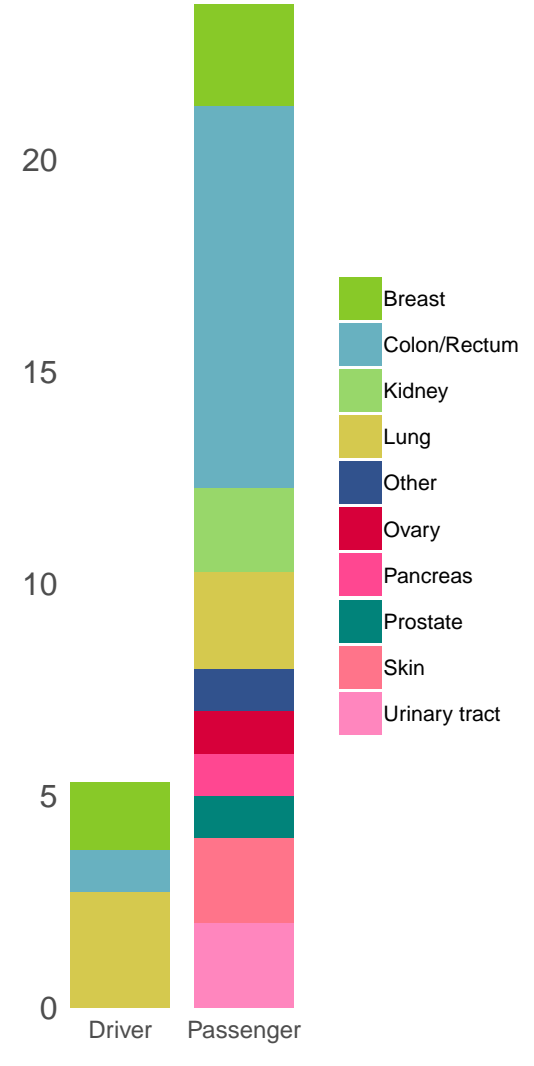
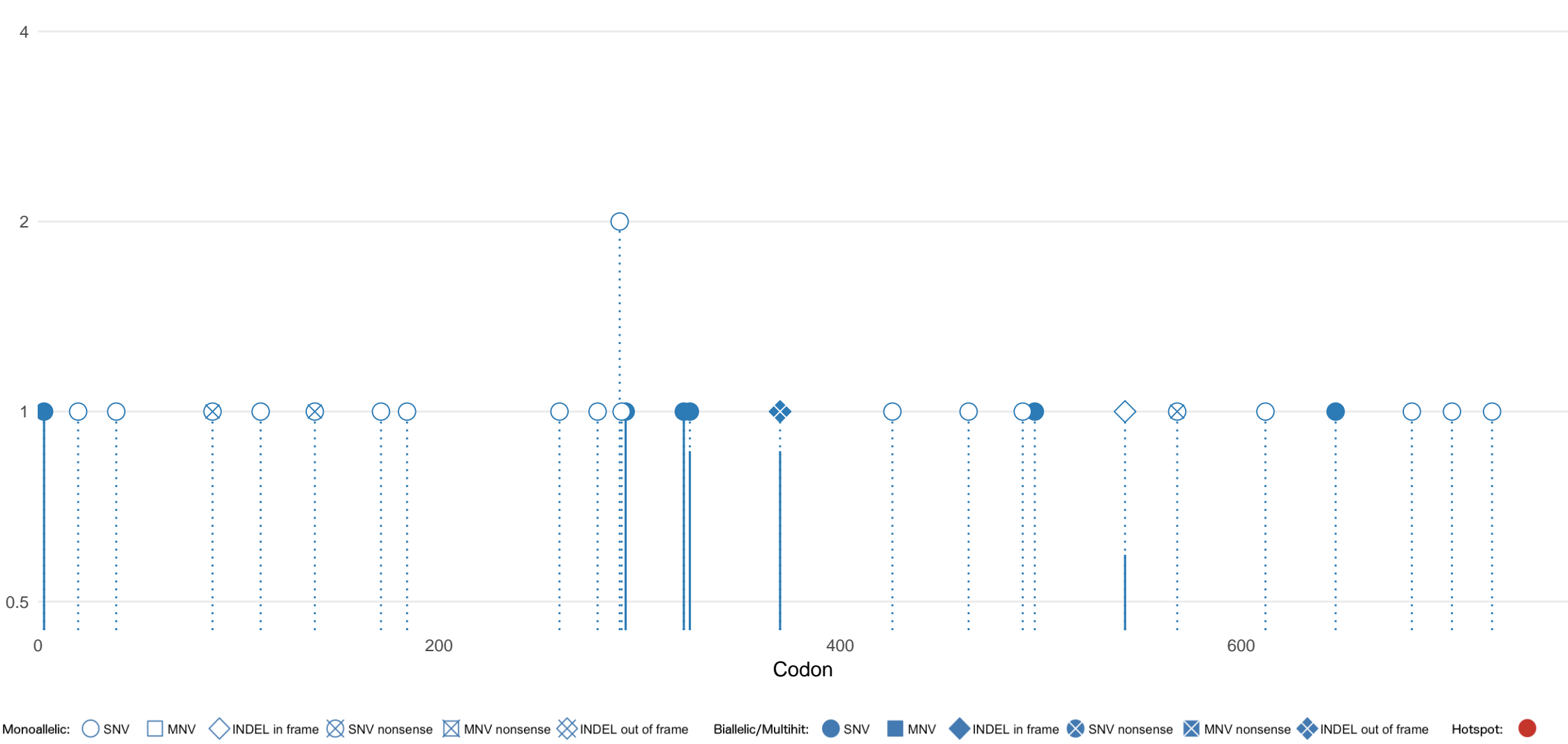


Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●

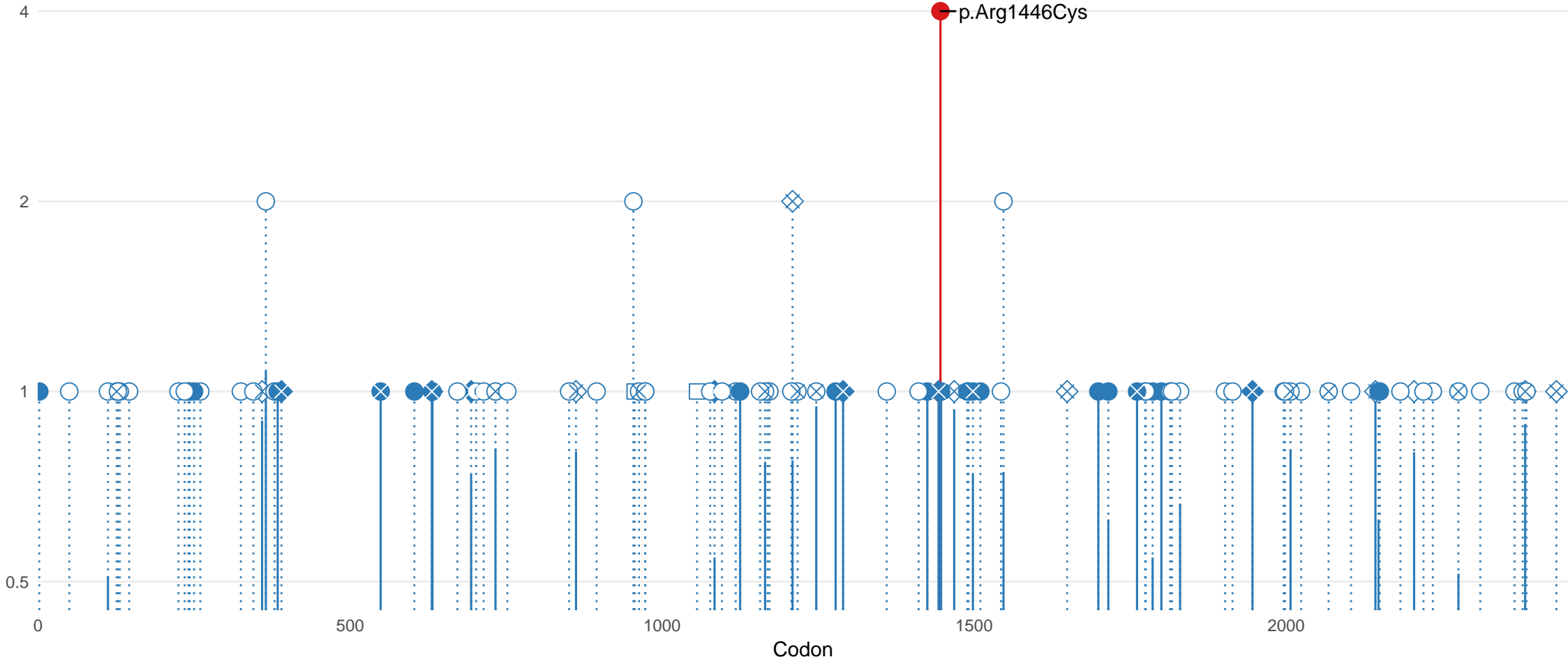
CEBPA Variants



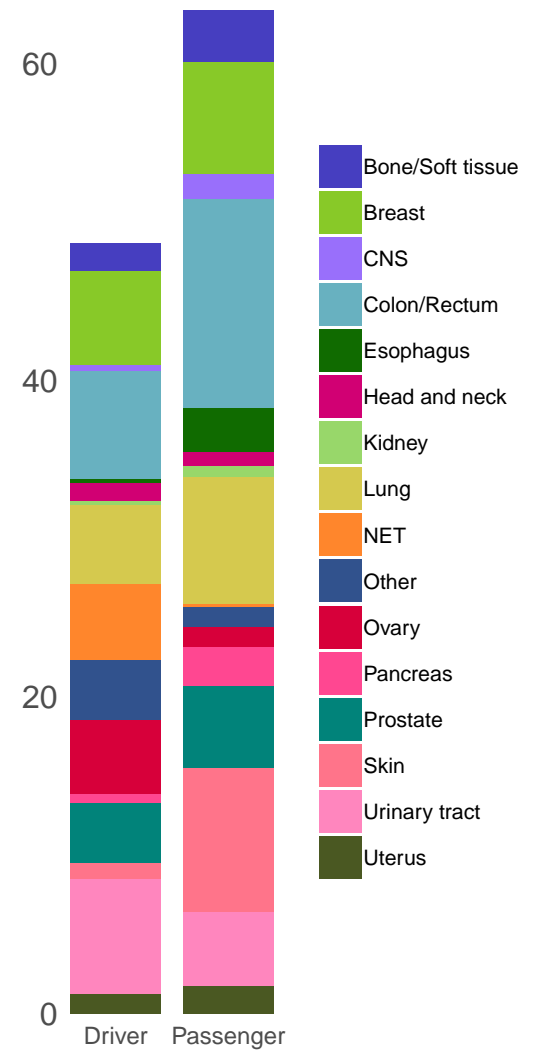
CNOT3 Variants



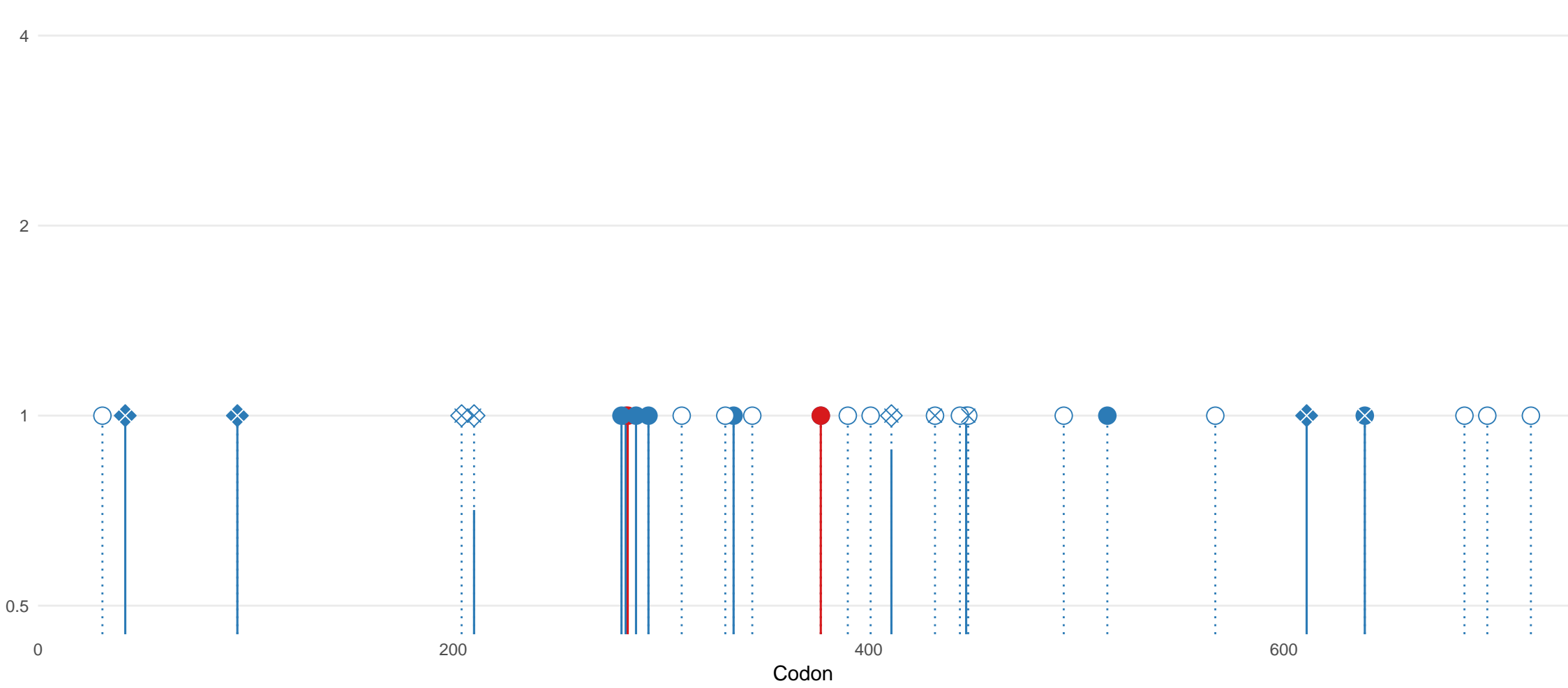
CREBBP Variants



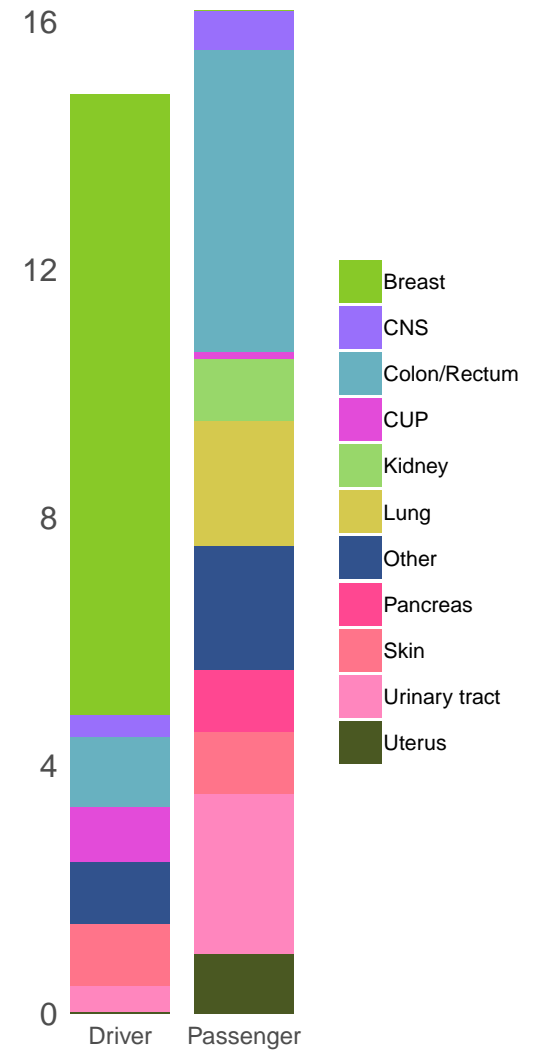
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●



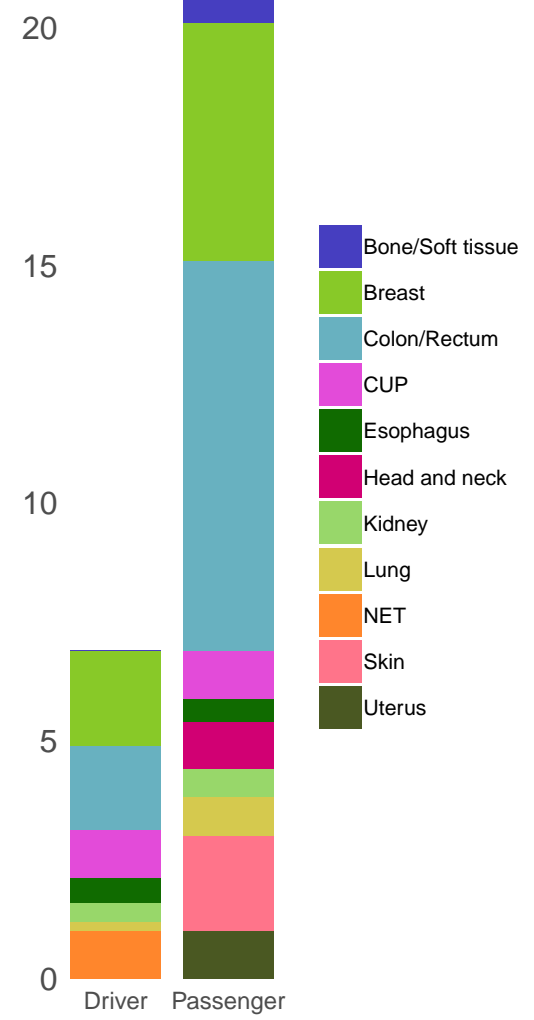
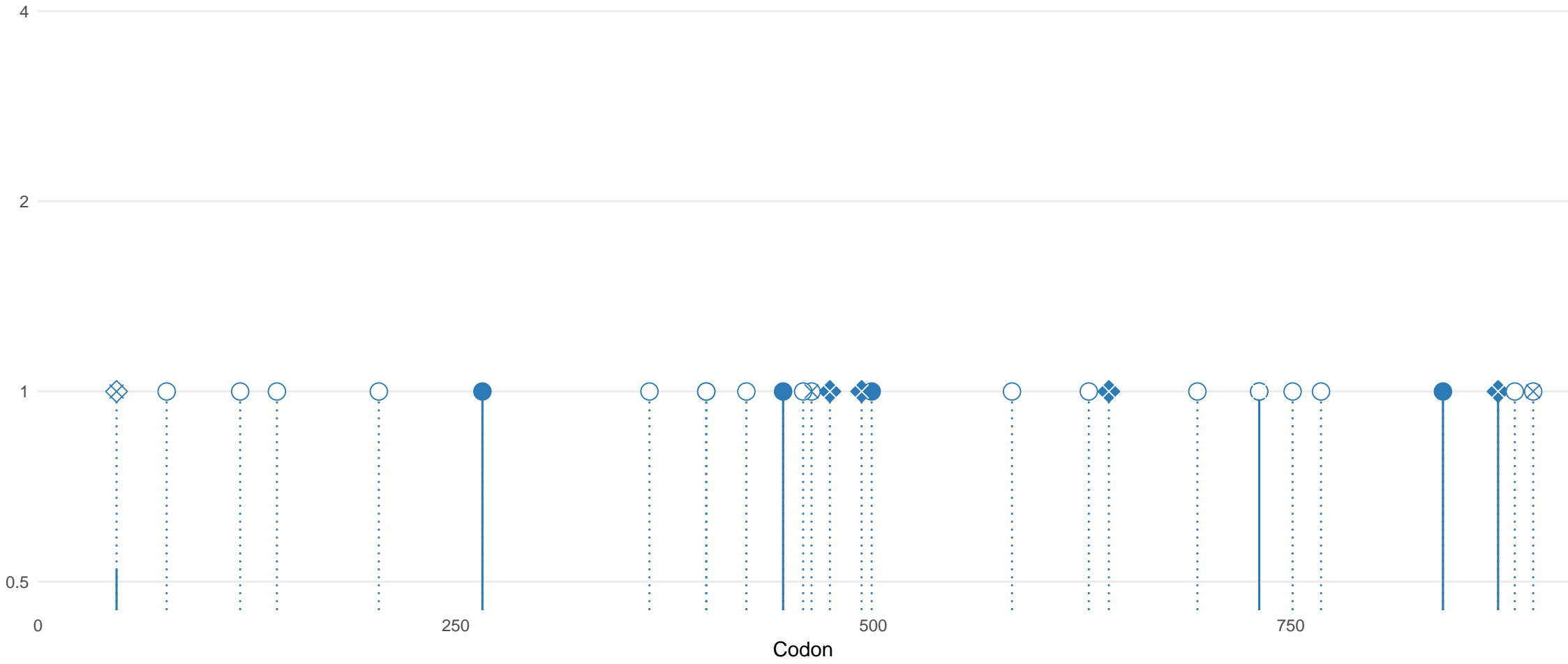
CTCF Variants



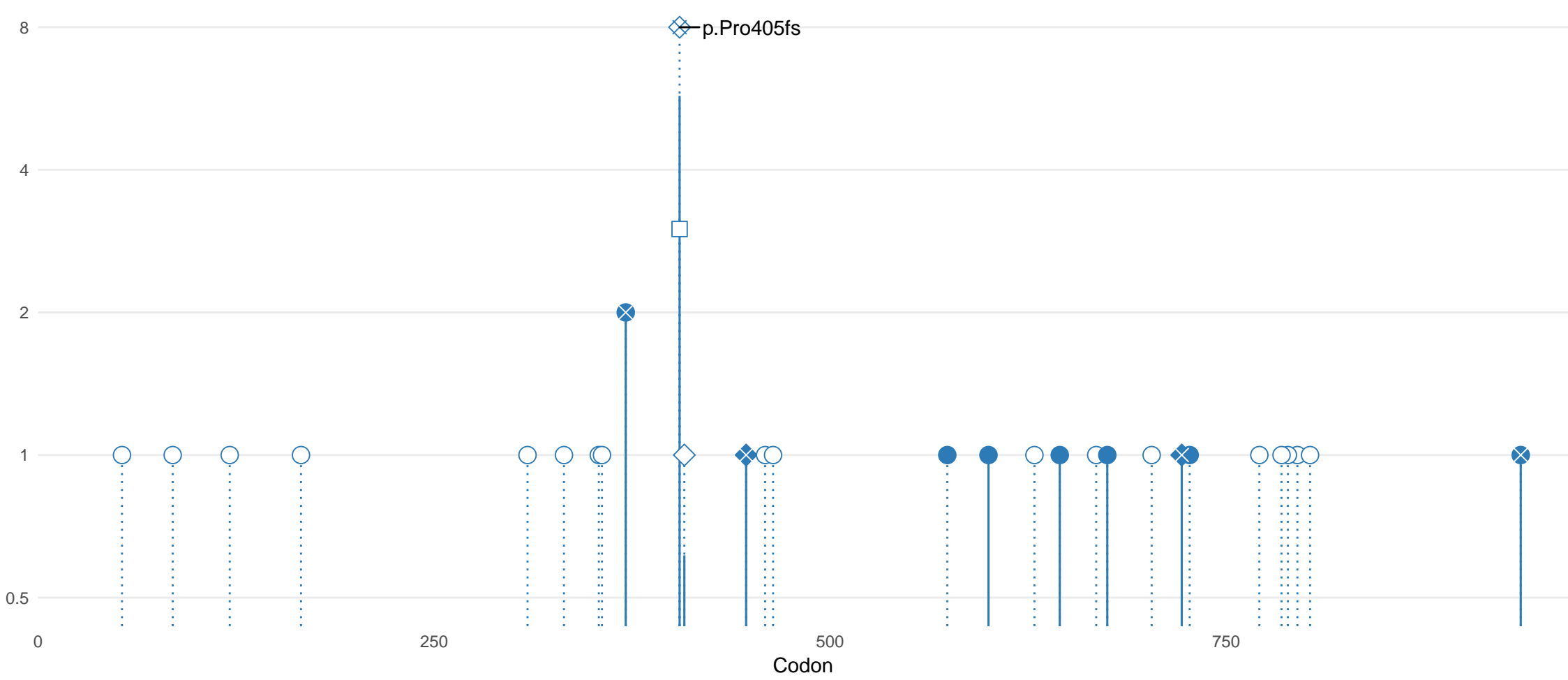
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●



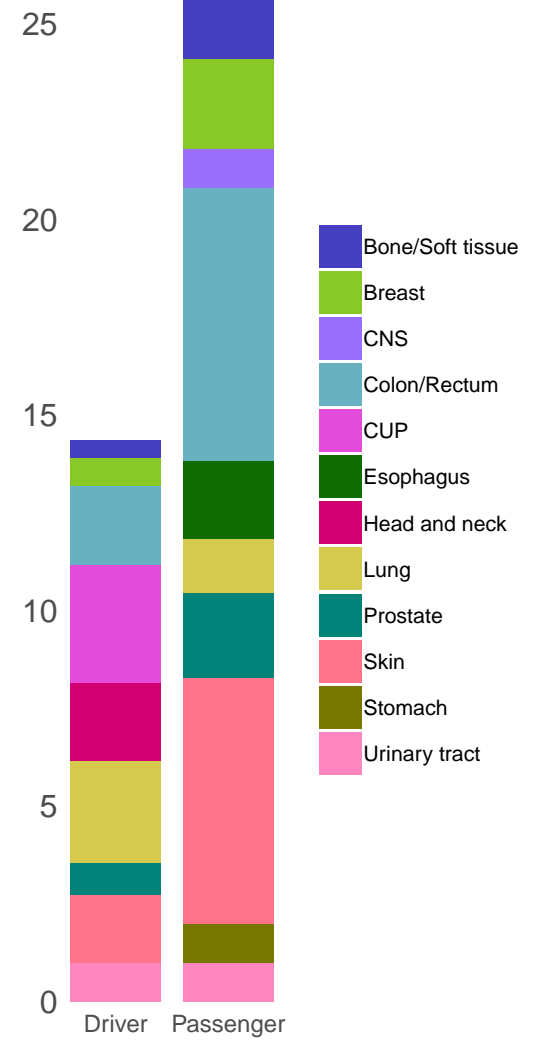
CTNNA1 Variants



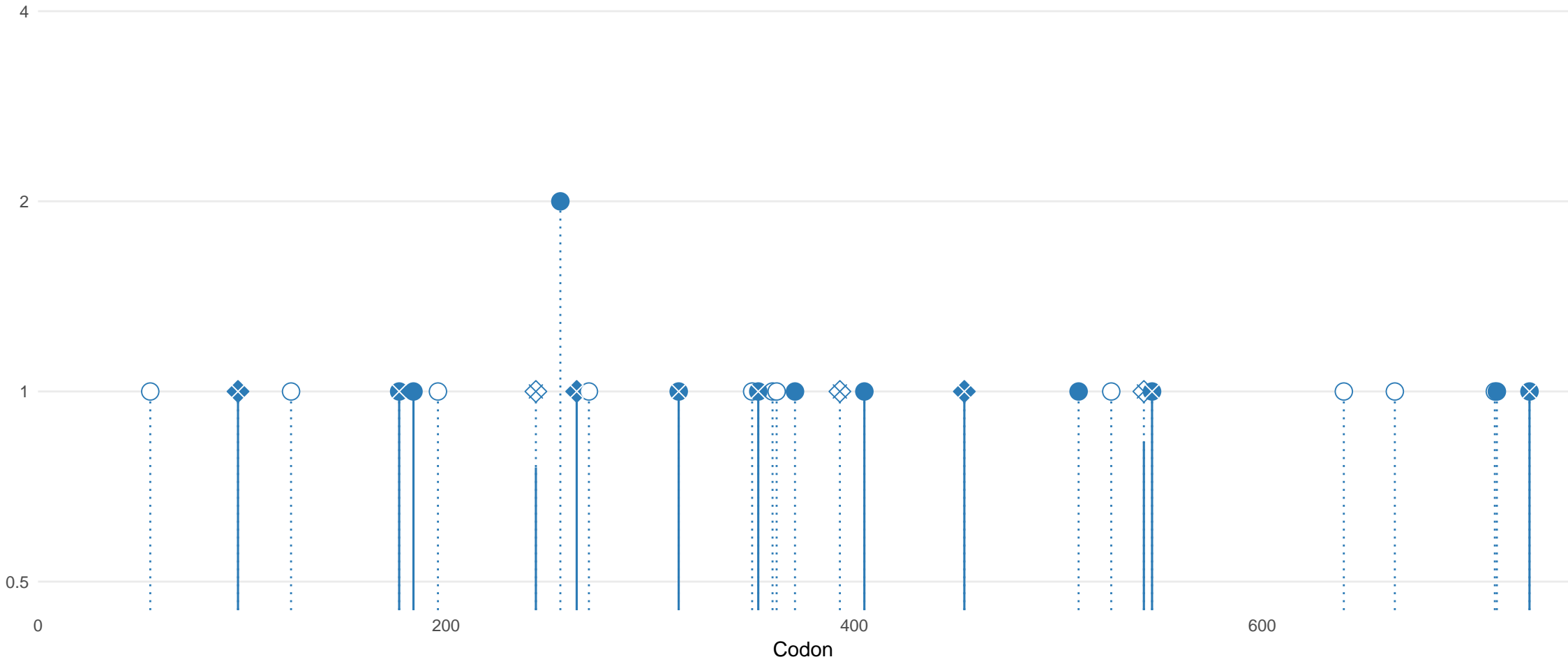
CYLD Variants



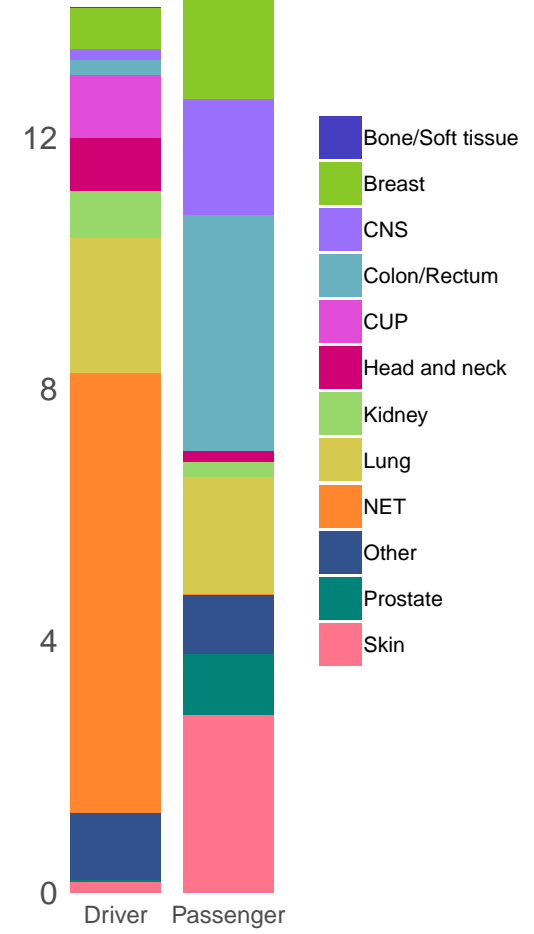
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●



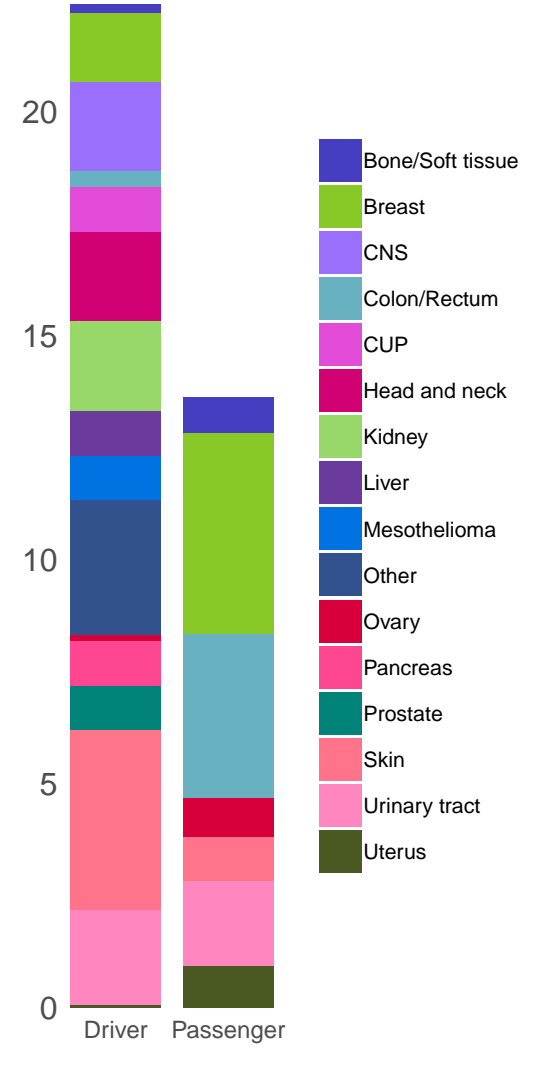
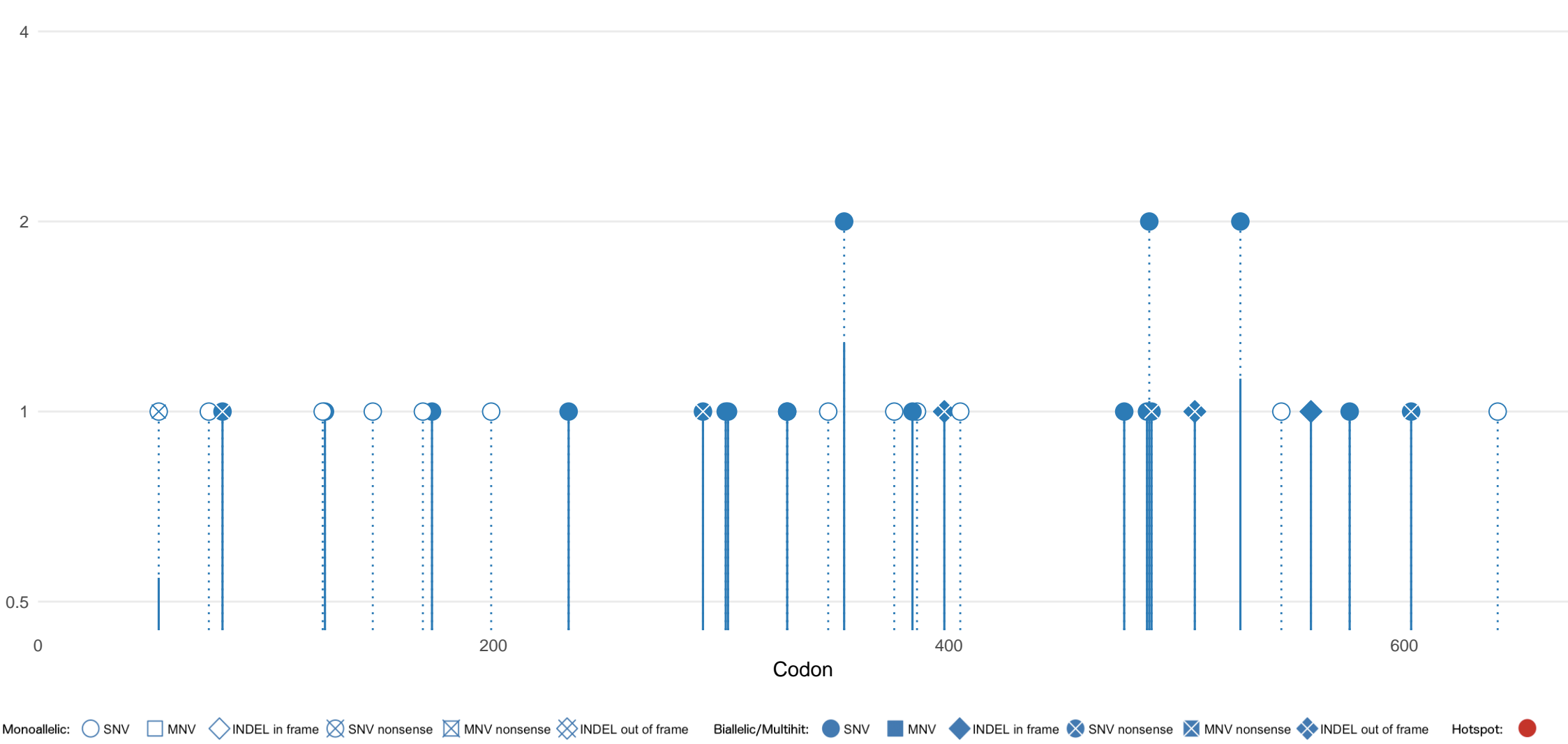
DAXX Variants



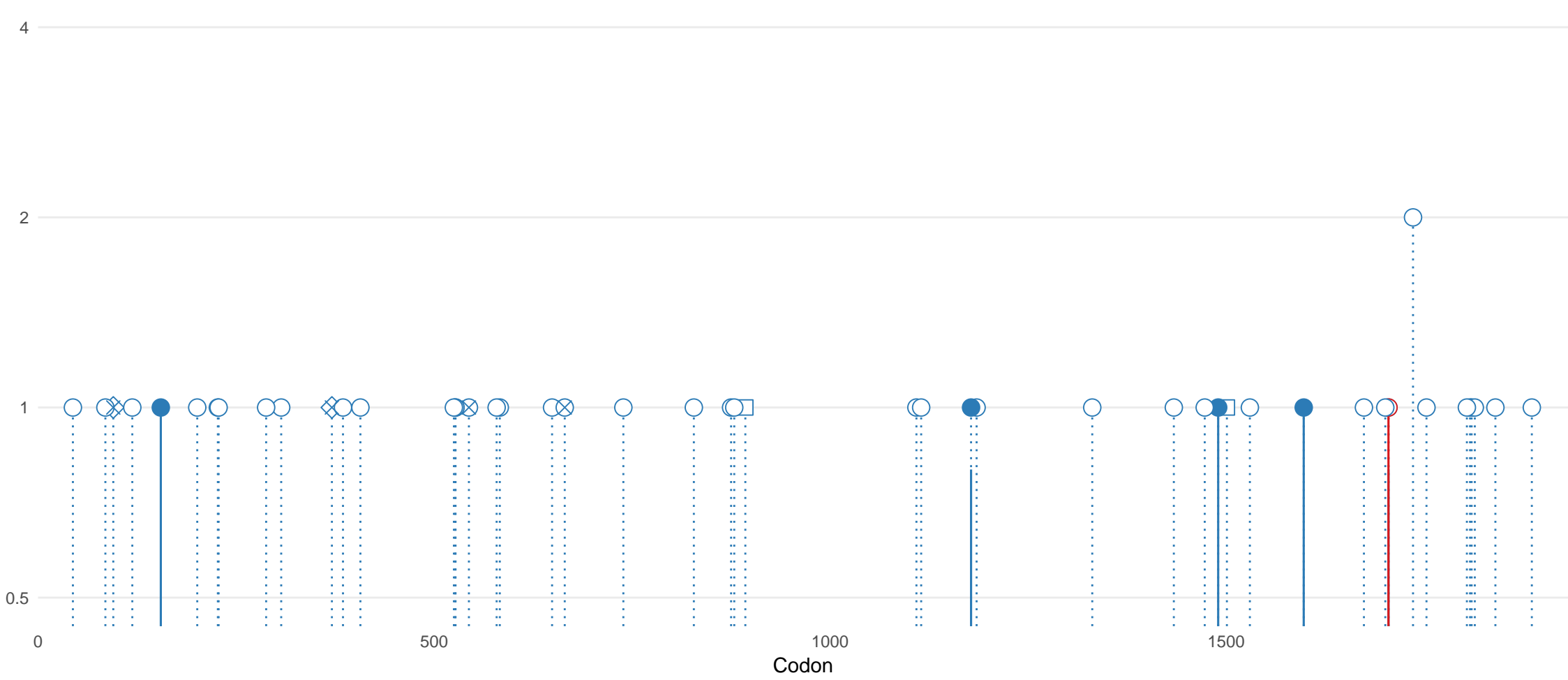
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
 Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
 Hotspot: ●



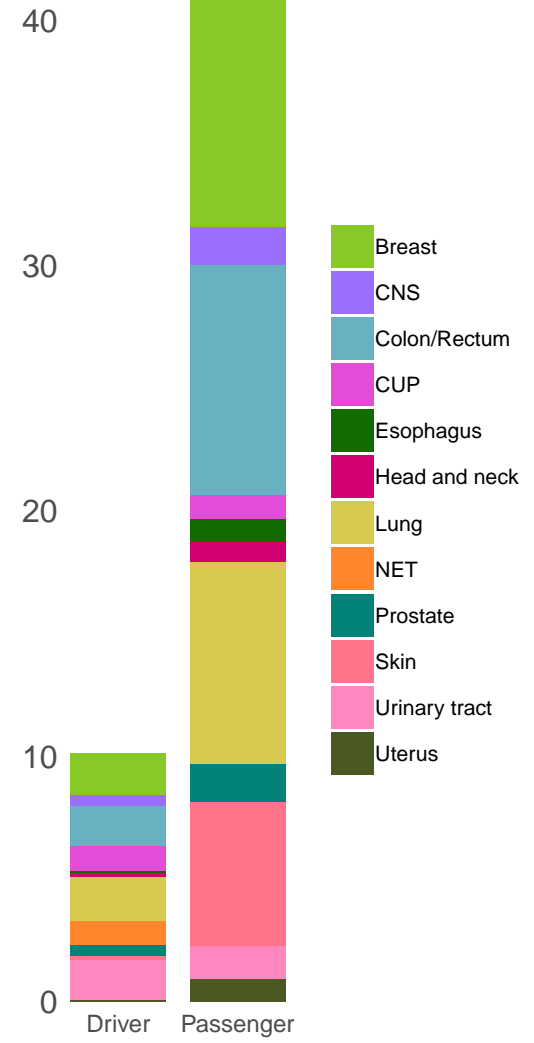
DDX3X Variants



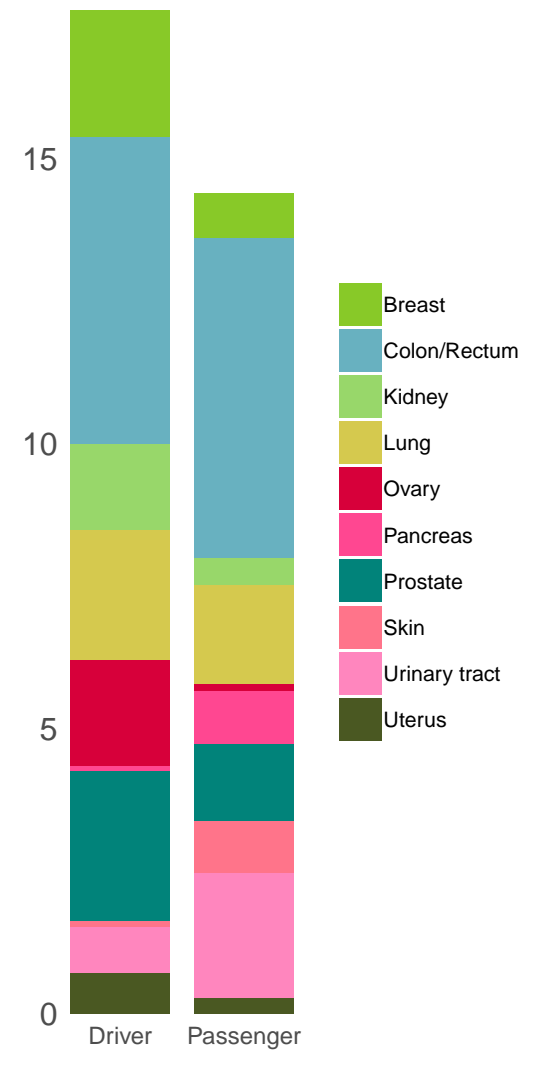
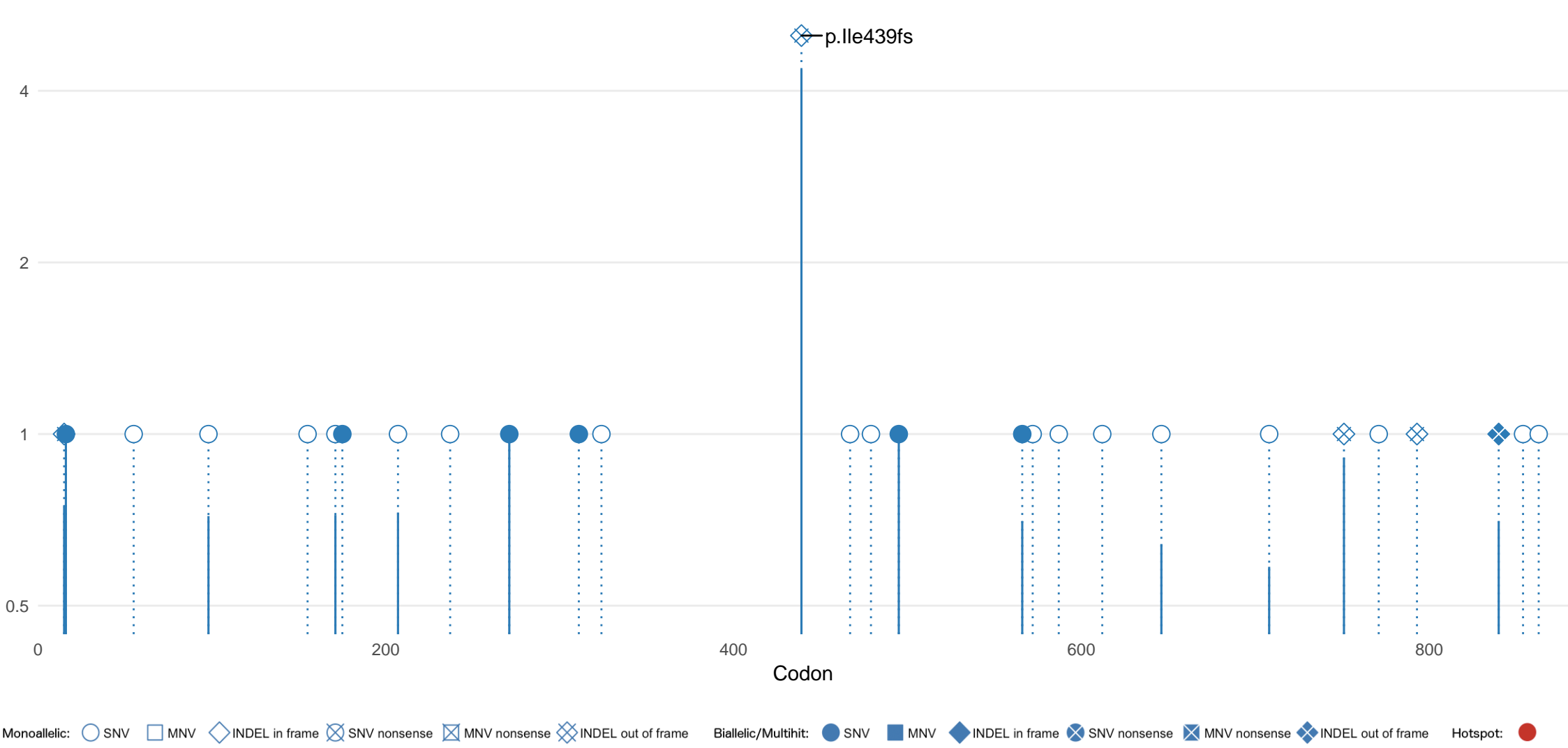
DICER1 Variants



Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●

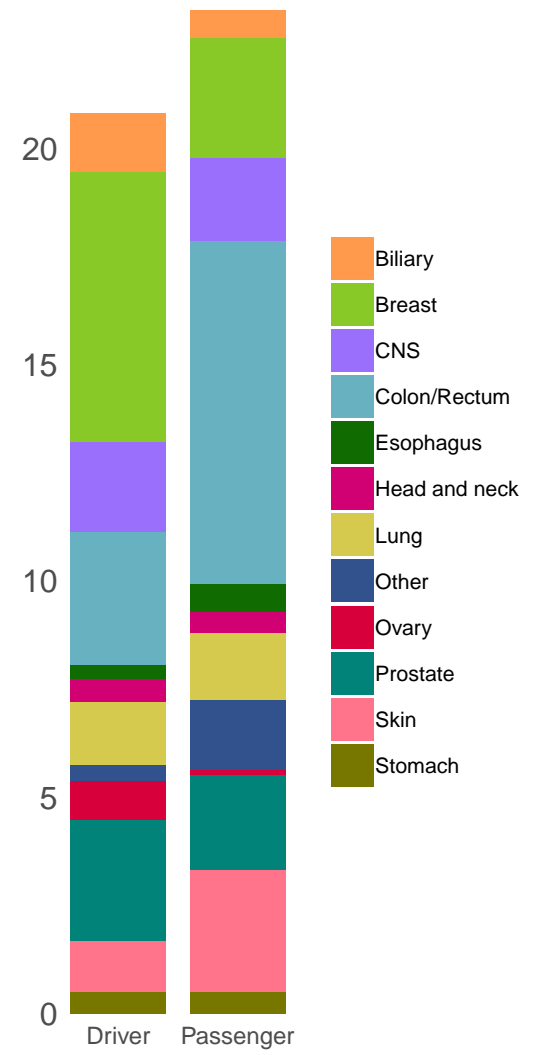
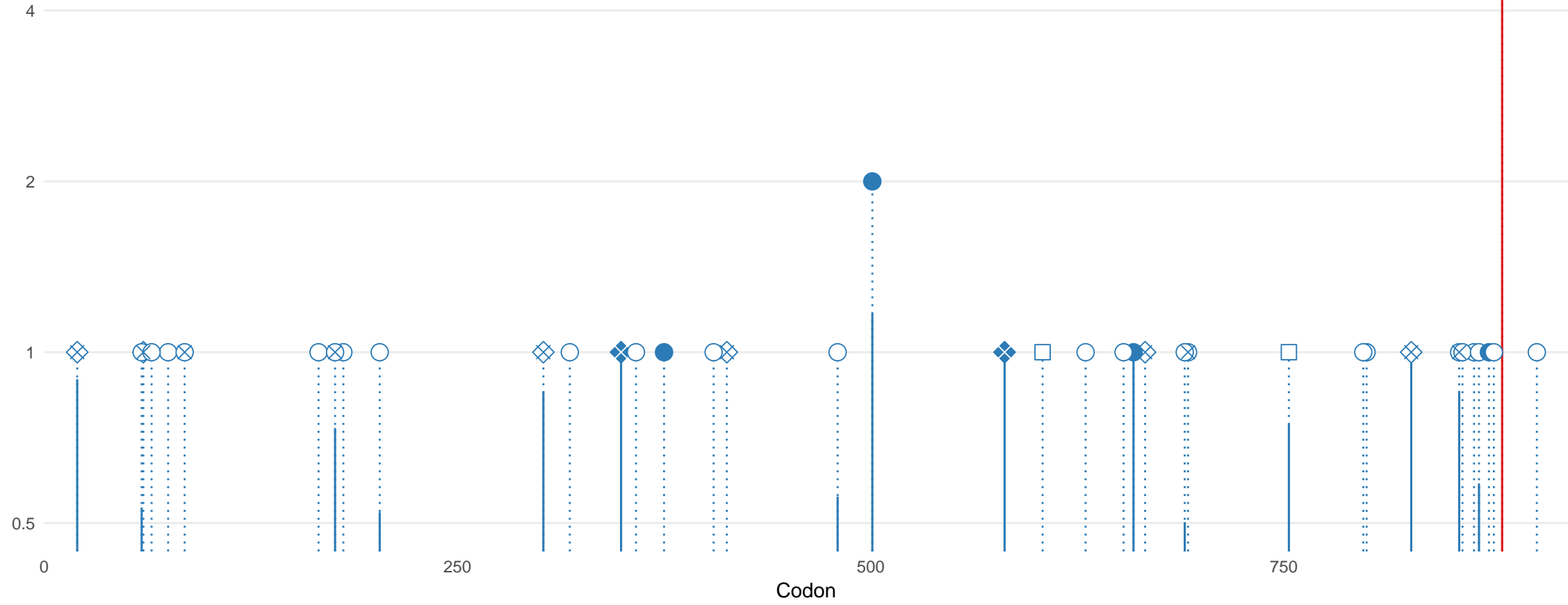


DNM2 Variants

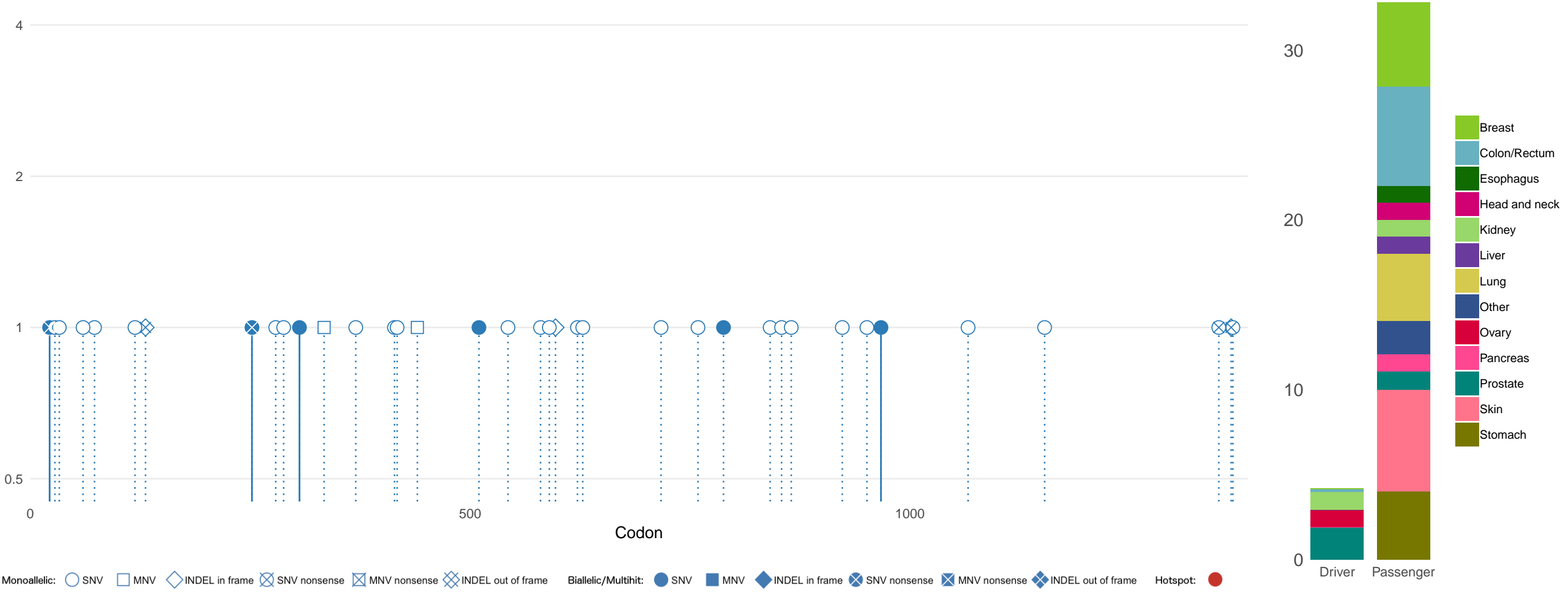


Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
 Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
 Hotspot: ●

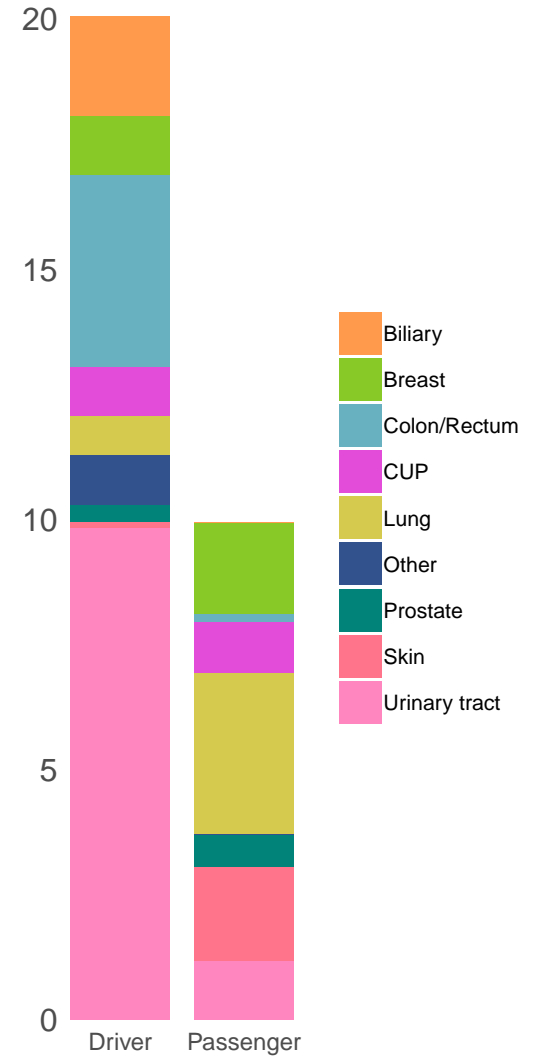
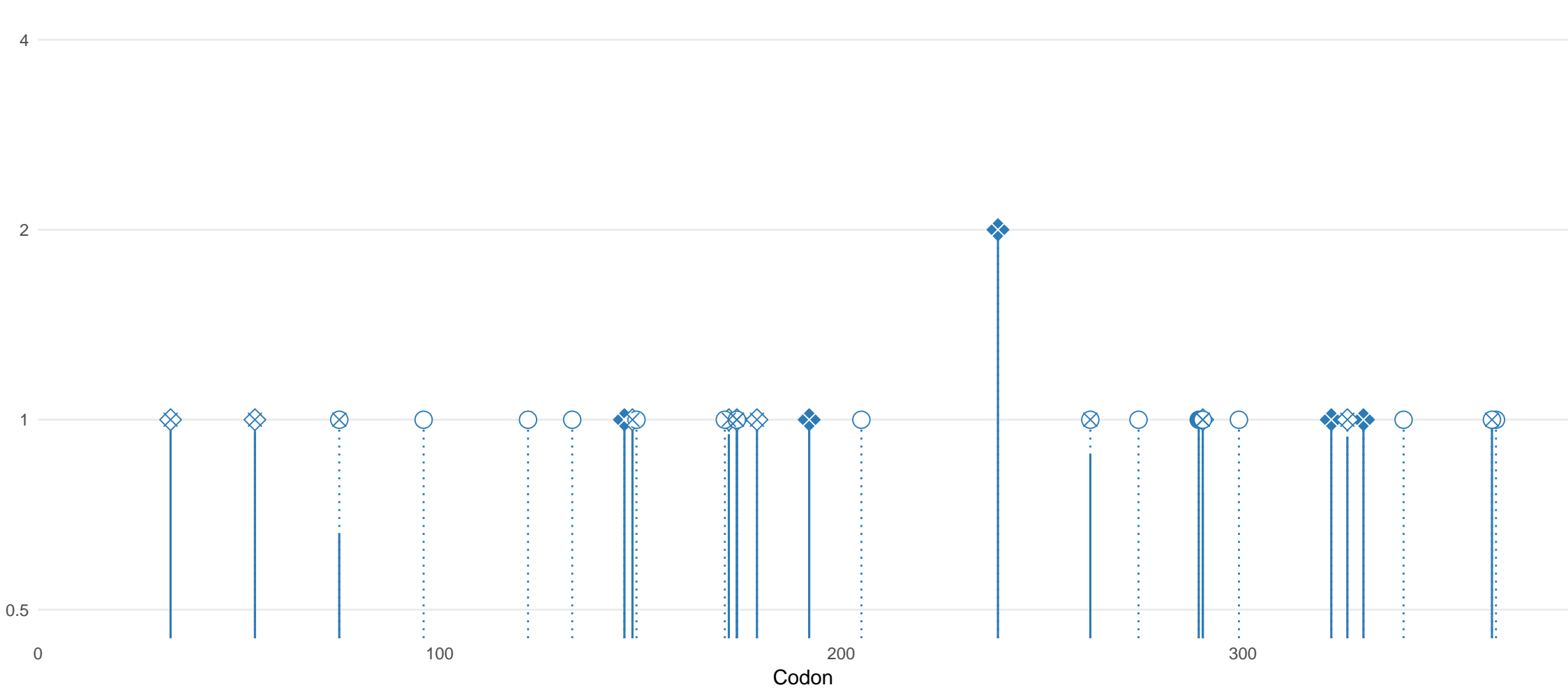
DNMT3A Variants



DROSHA Variants

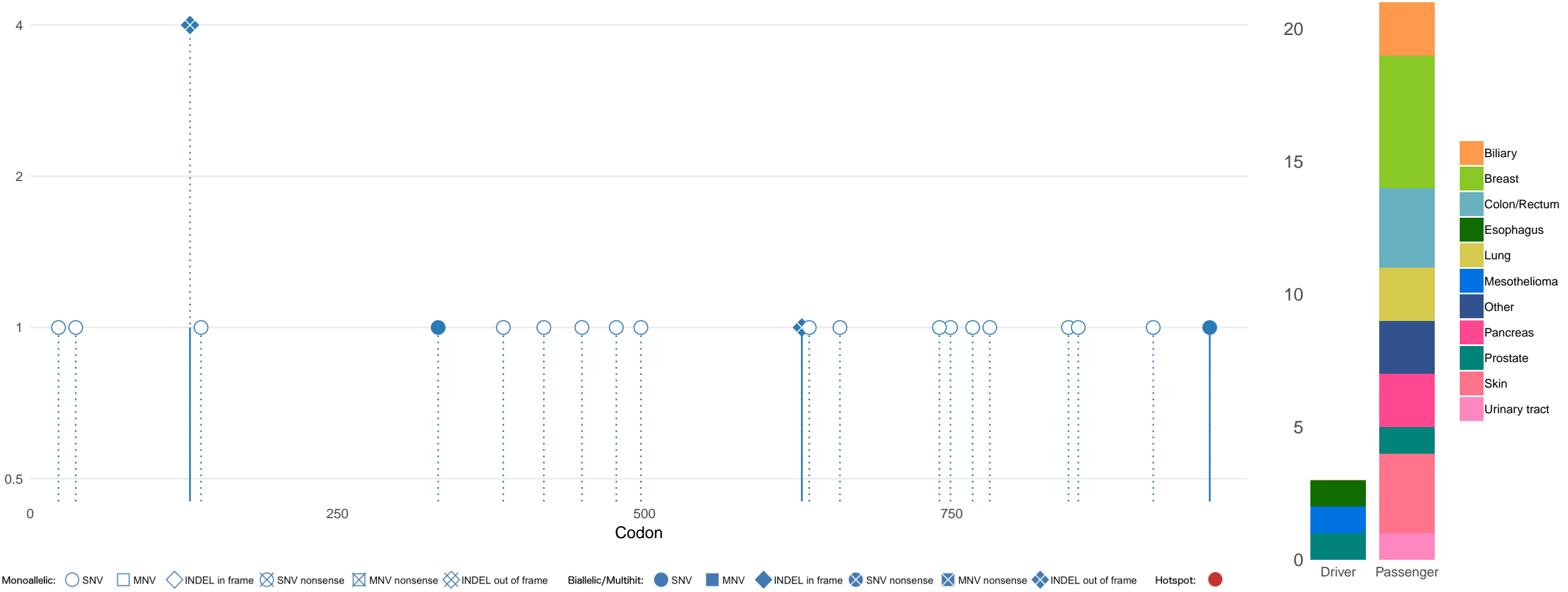


ELF3 Variants

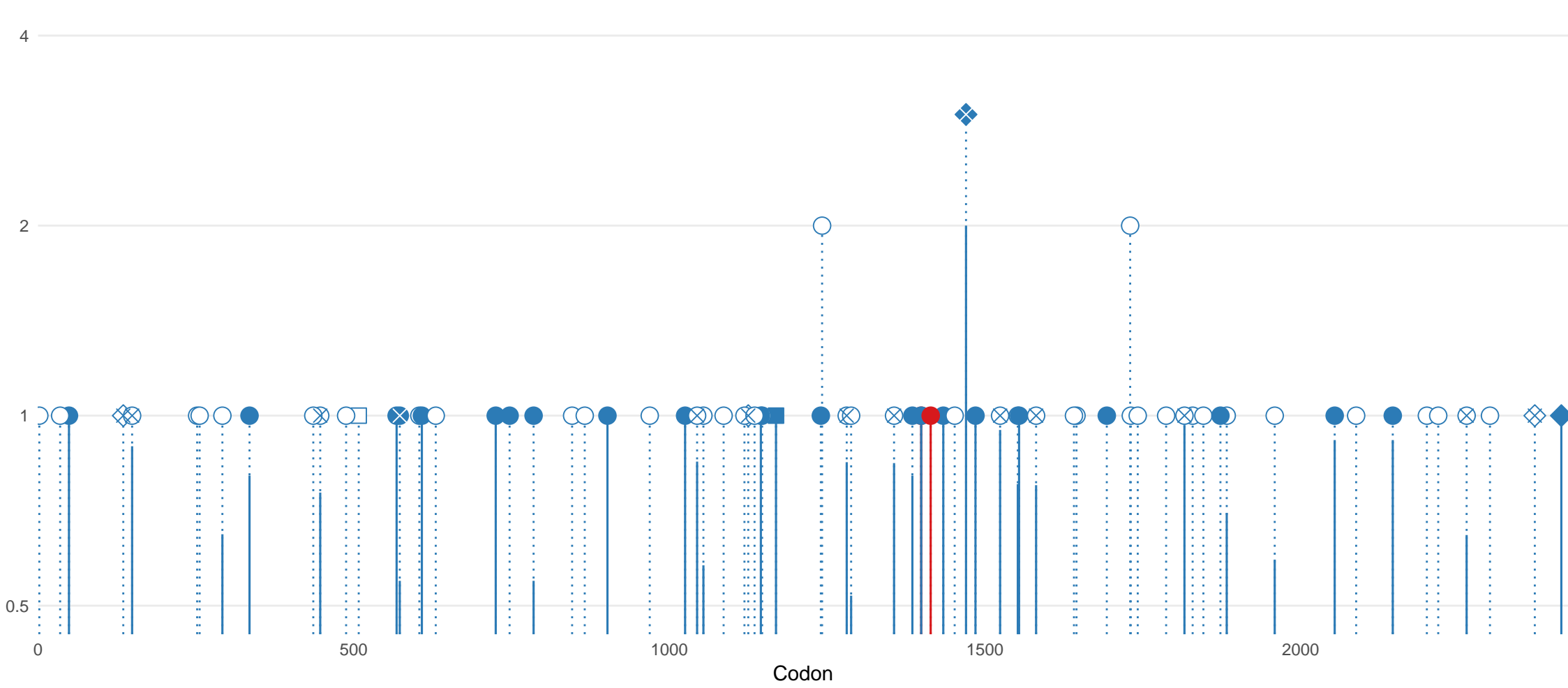


Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame Hotspot: ●

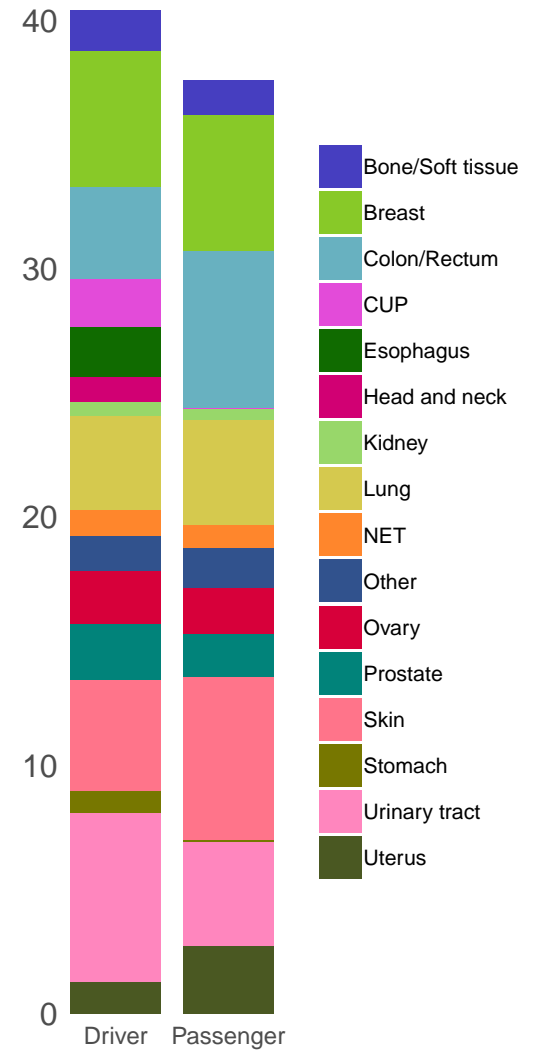
EML4 Variants



EP300 Variants

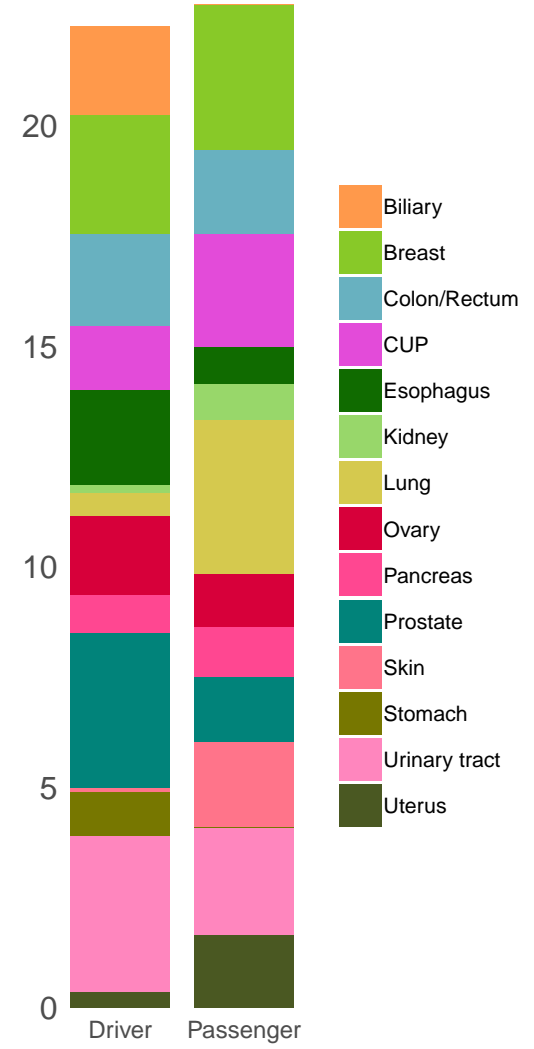
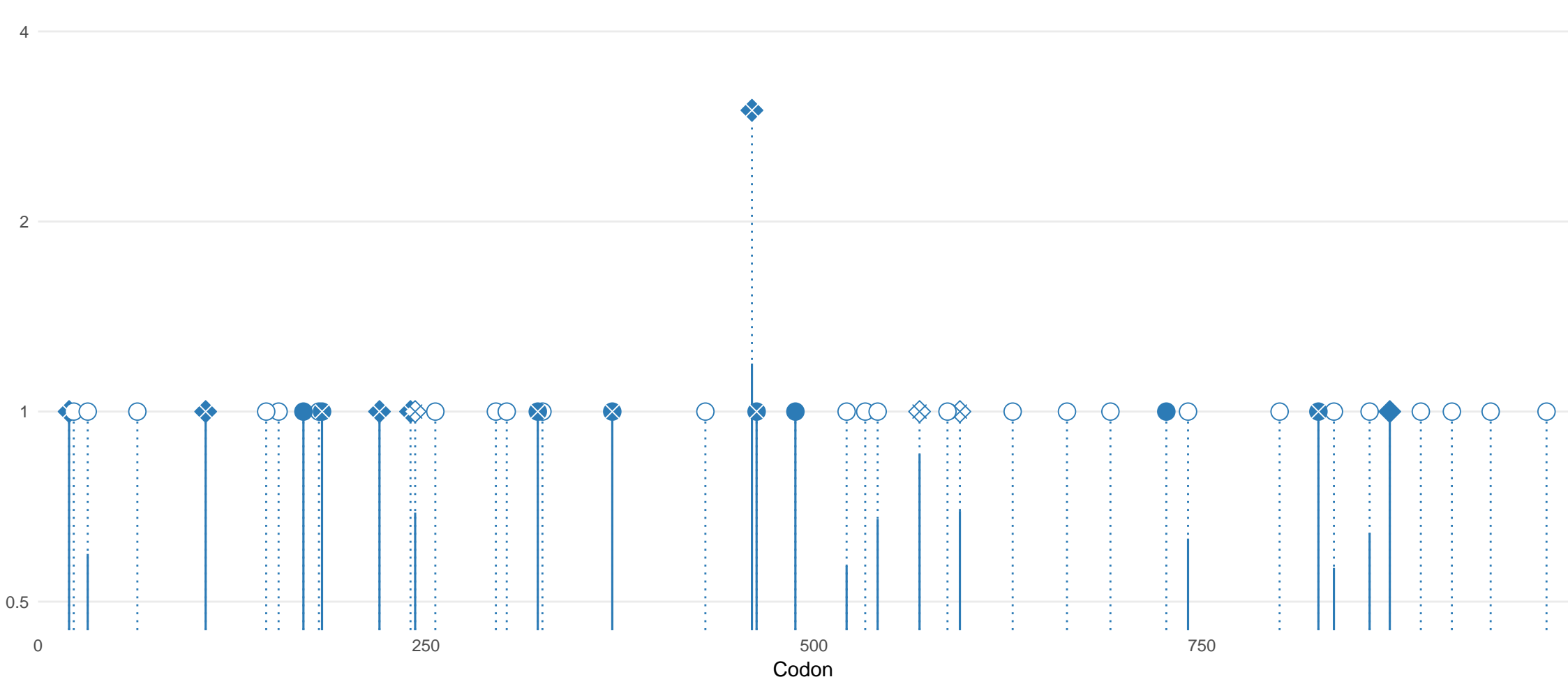


Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●

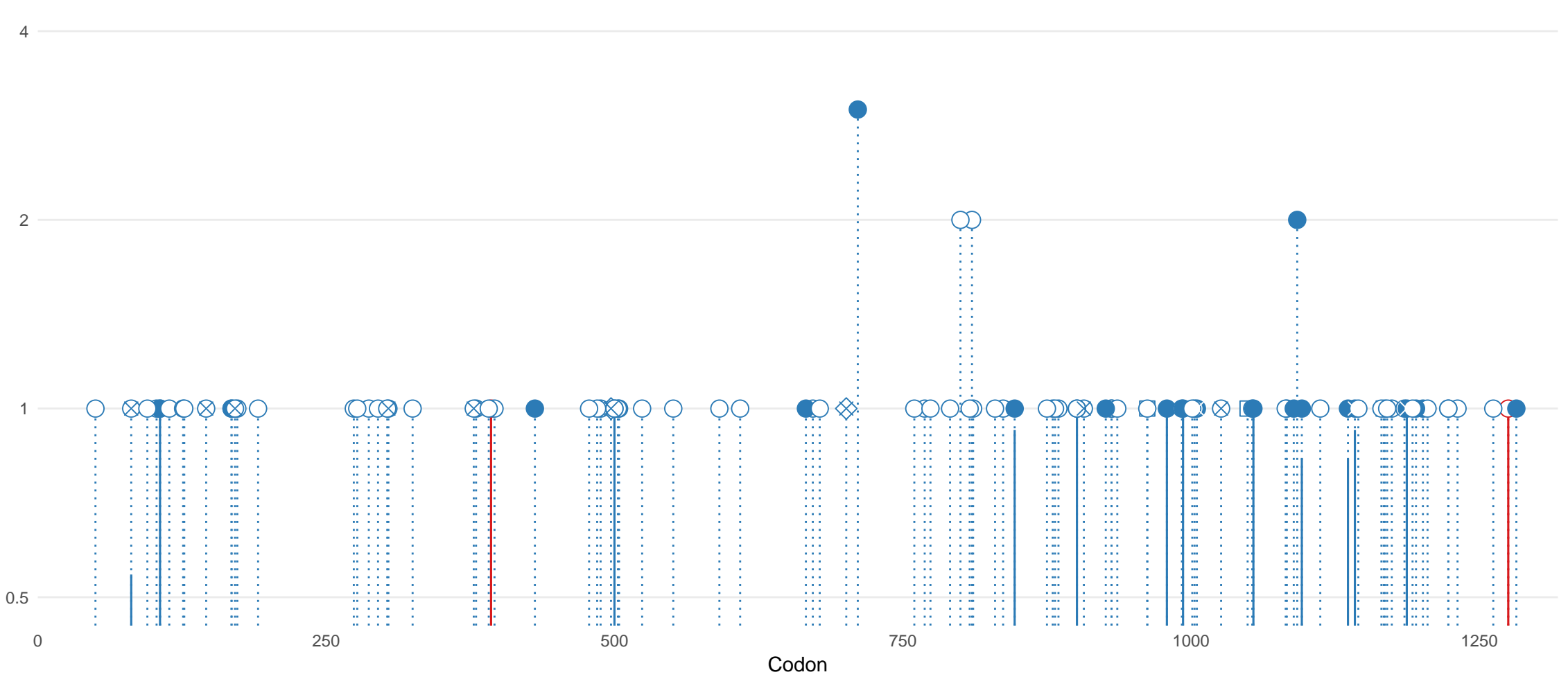


Driver Passenger

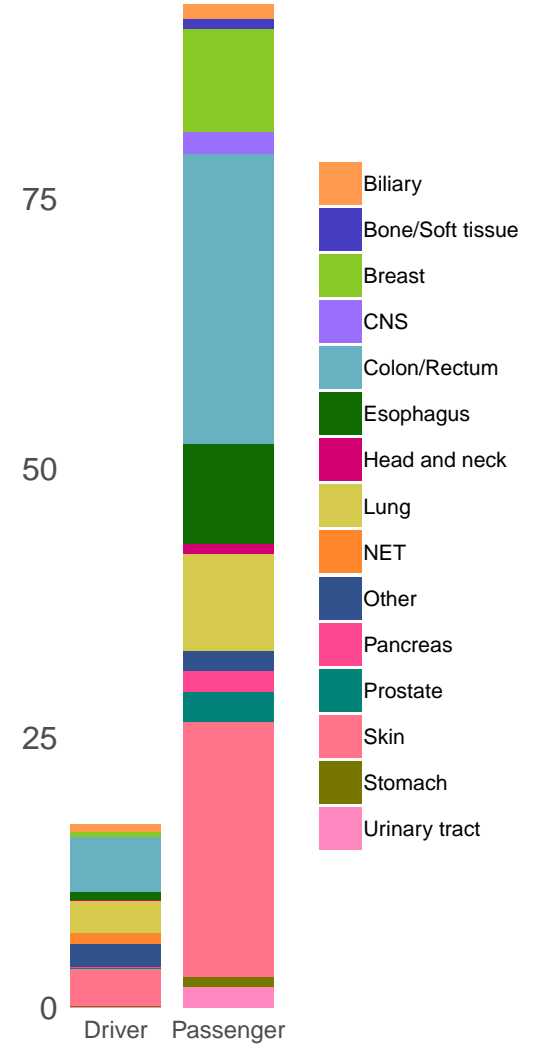
EPHA2 Variants



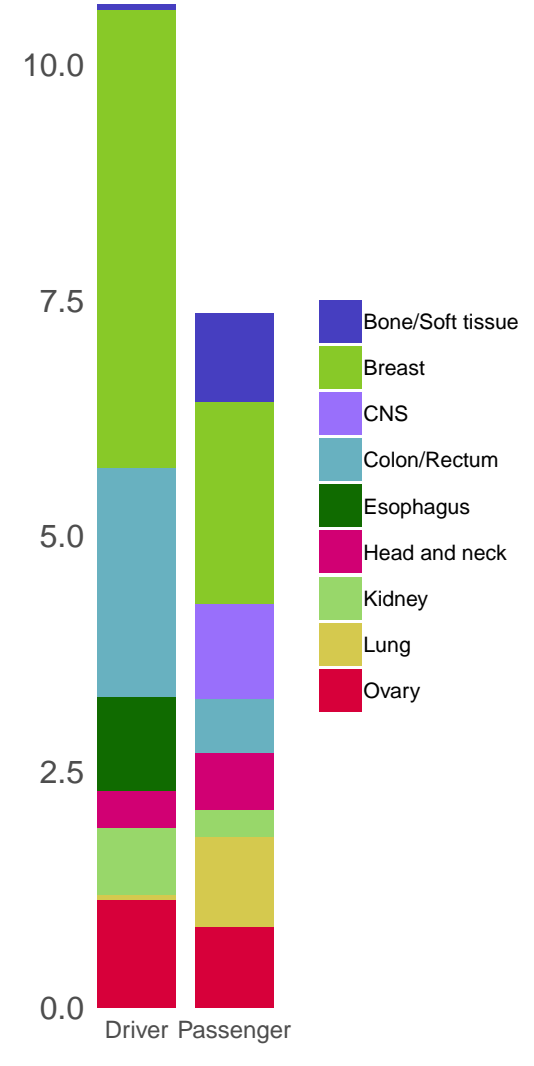
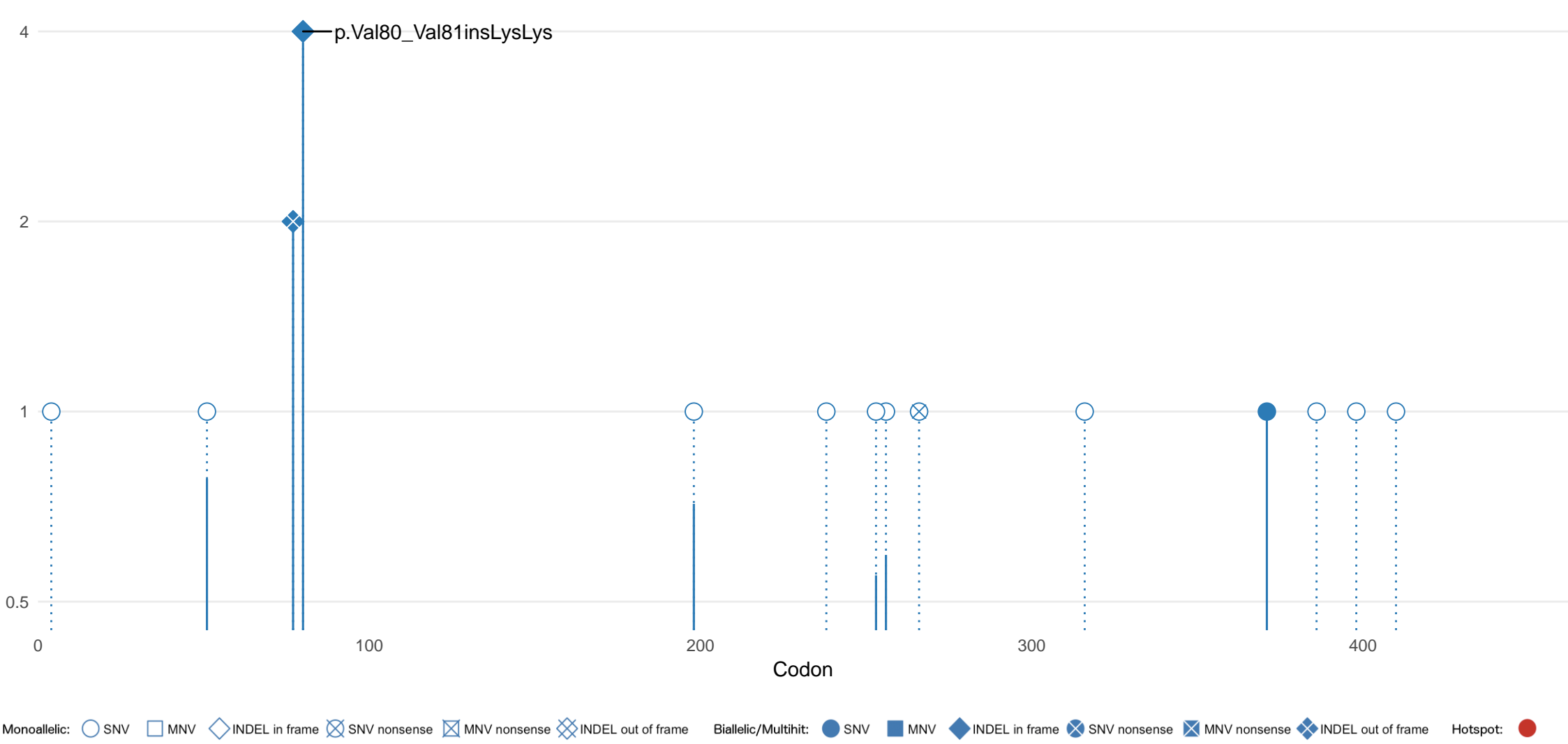
ERBB4 Variants



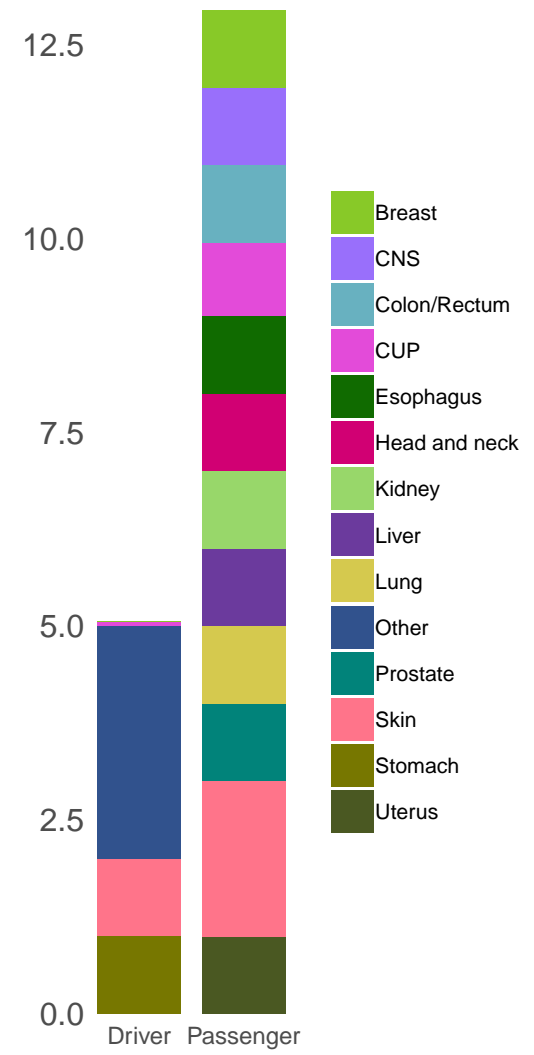
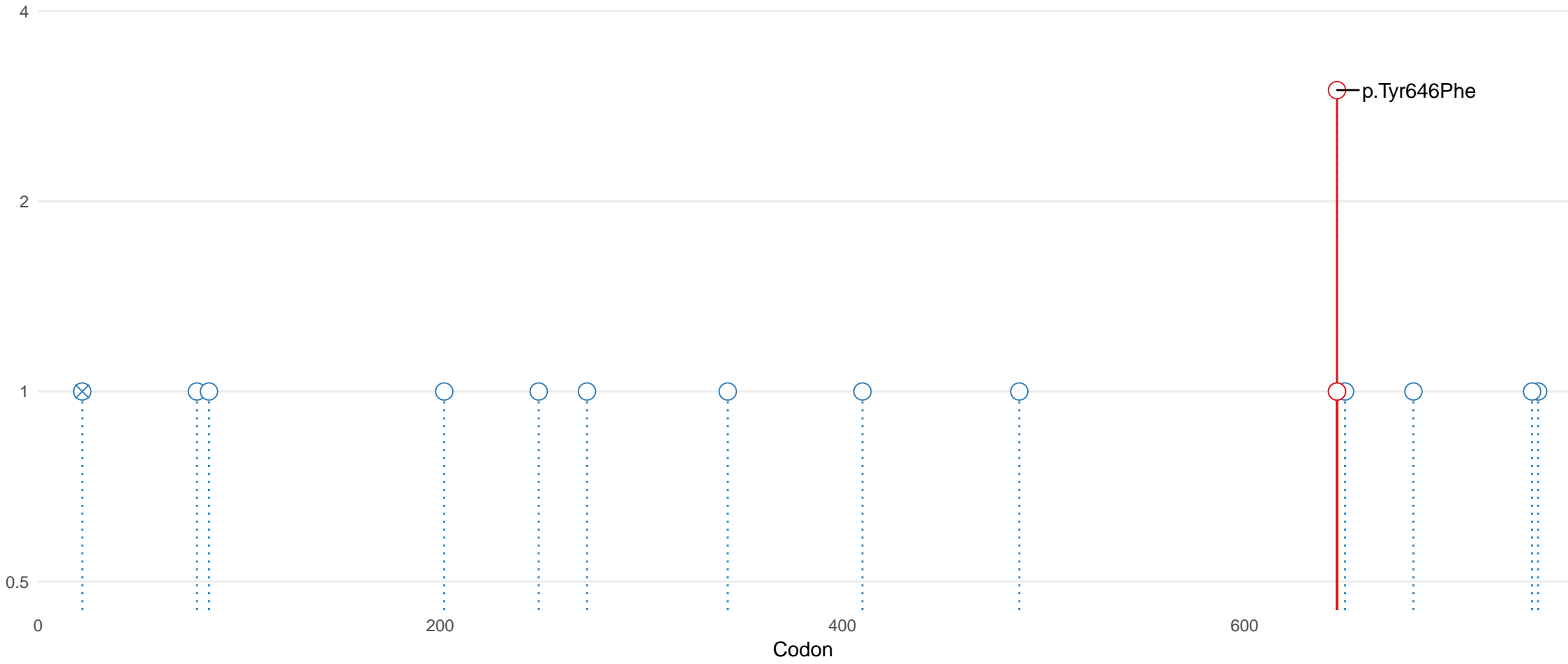
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●



ETNK1 Variants

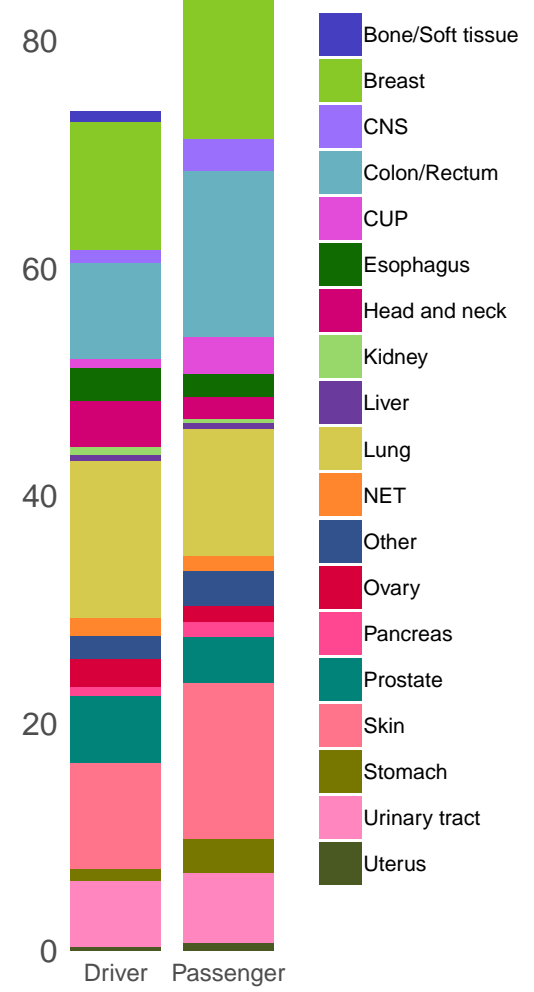
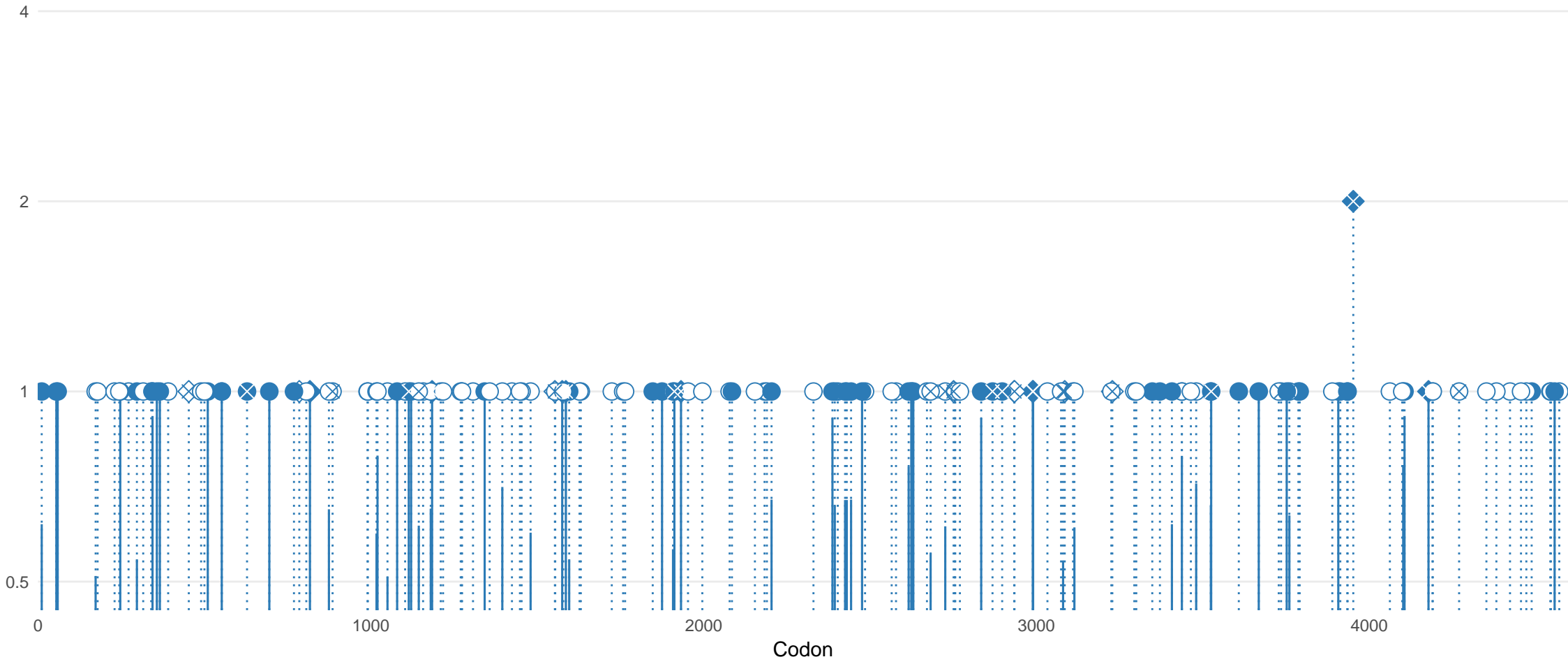


EZH2 Variants



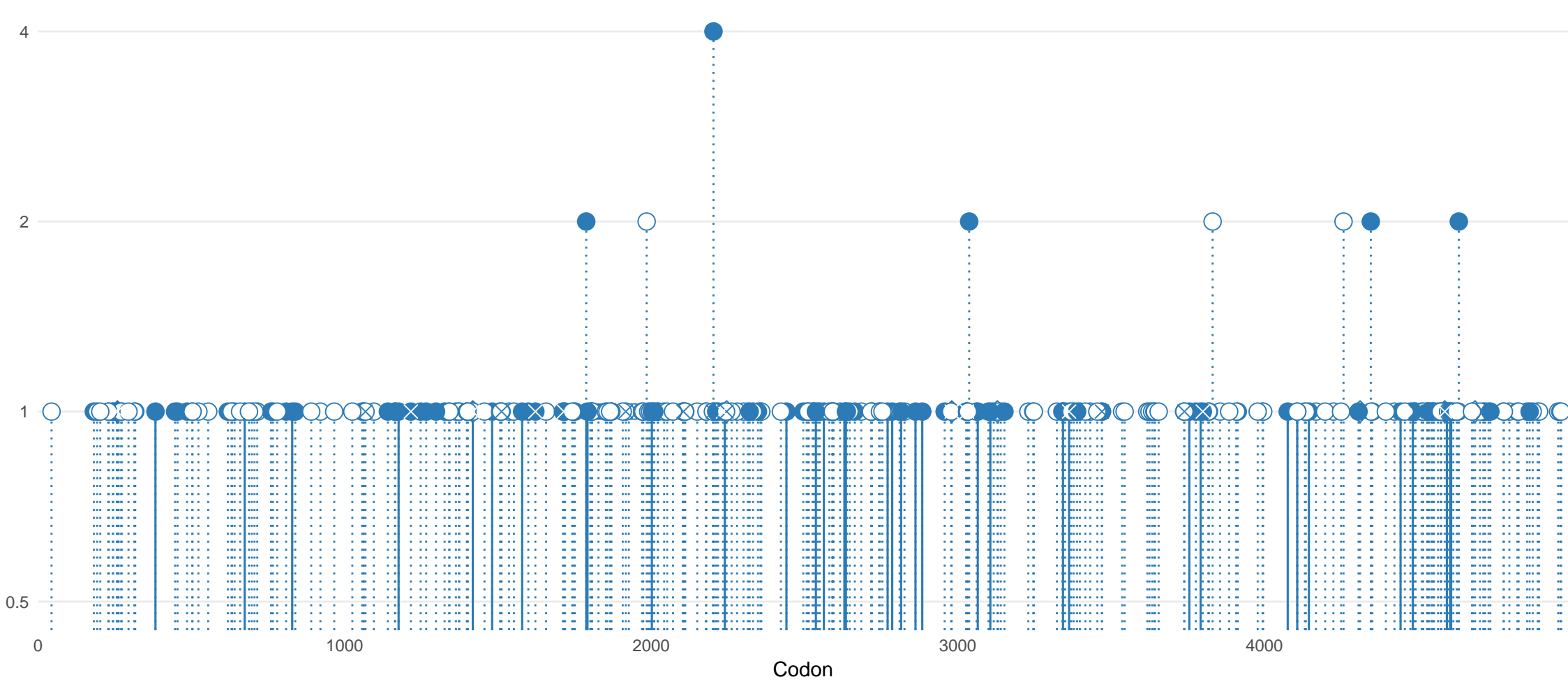
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
 Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
 Hotspot: ●

FAT1 Variants

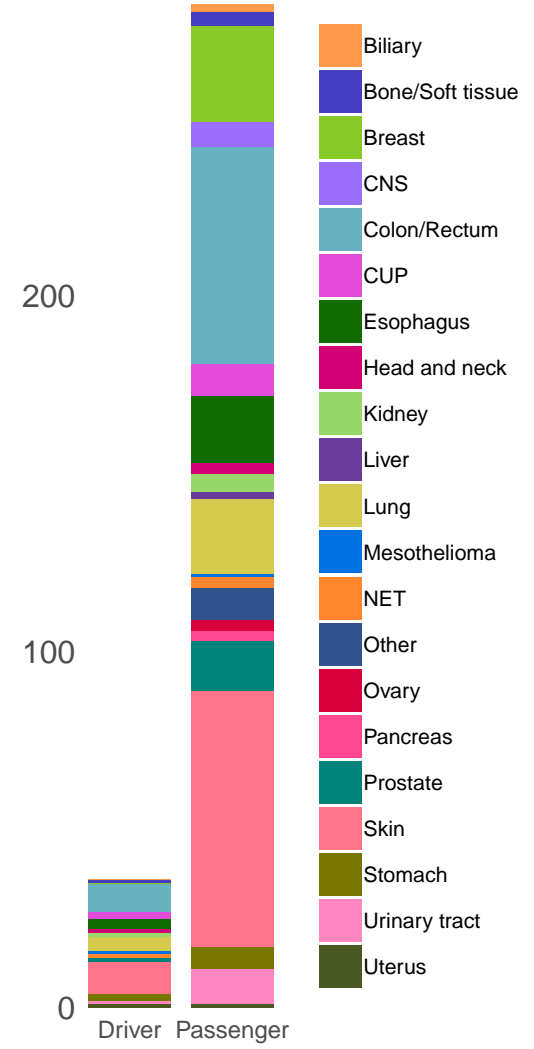


Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●

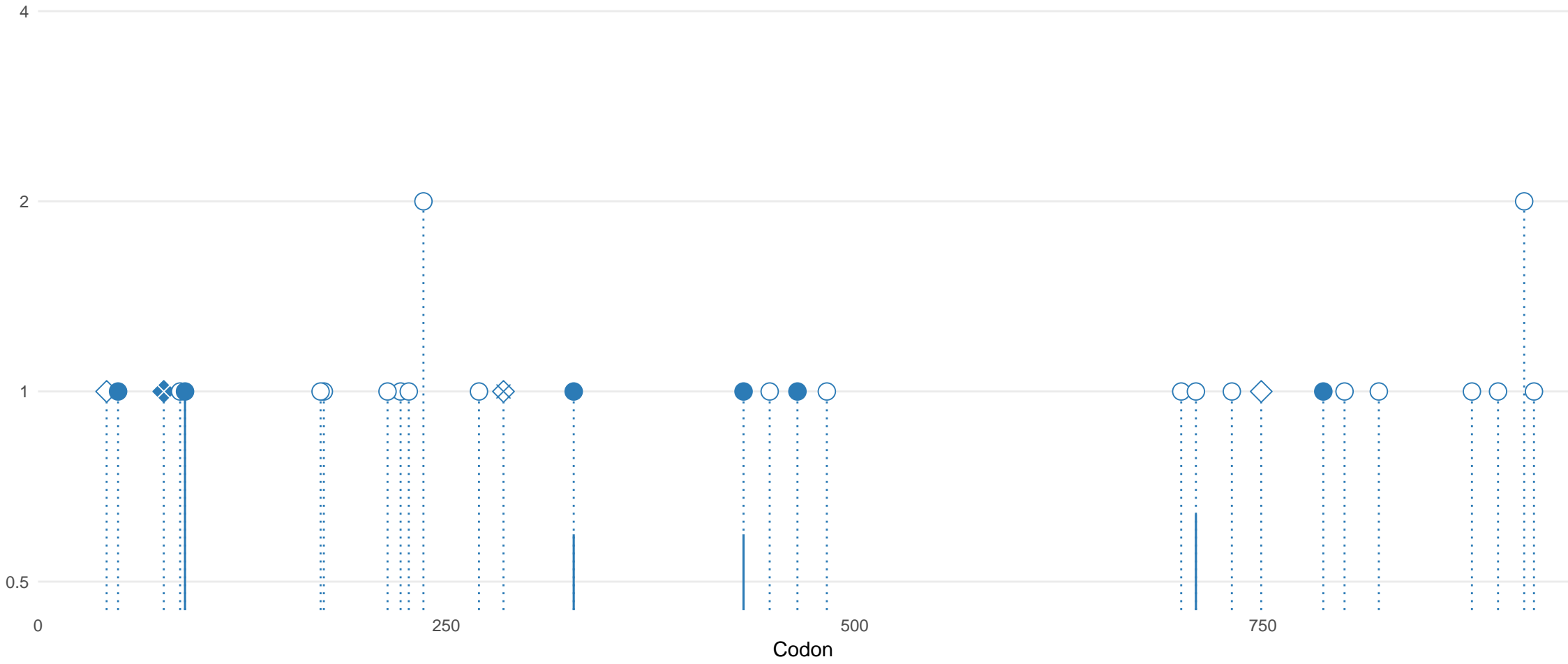
FAT4 Variants



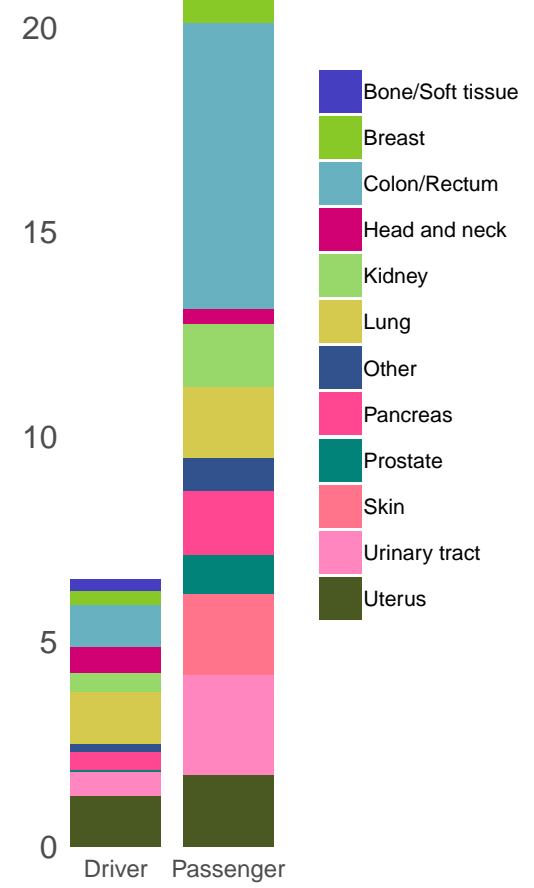
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
 Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
 Hotspot: ●



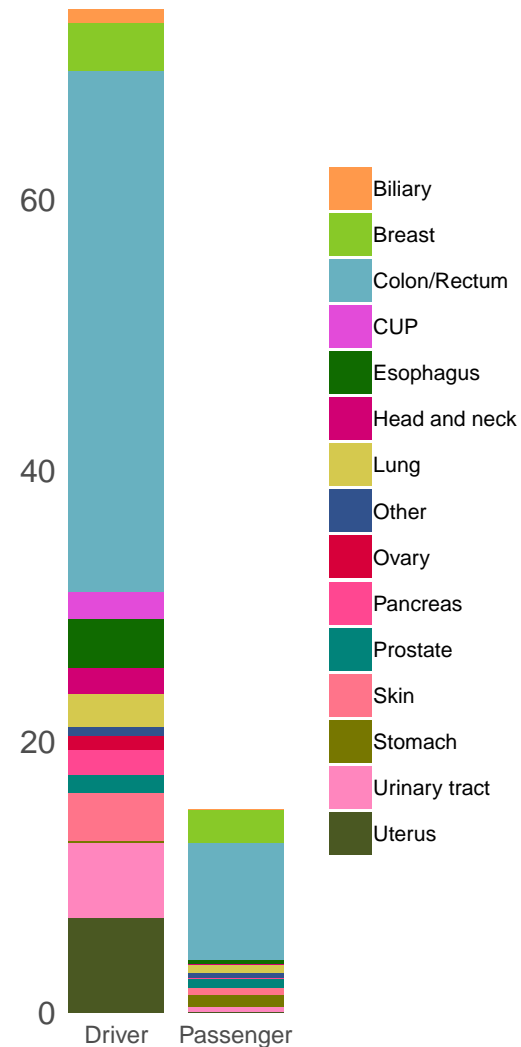
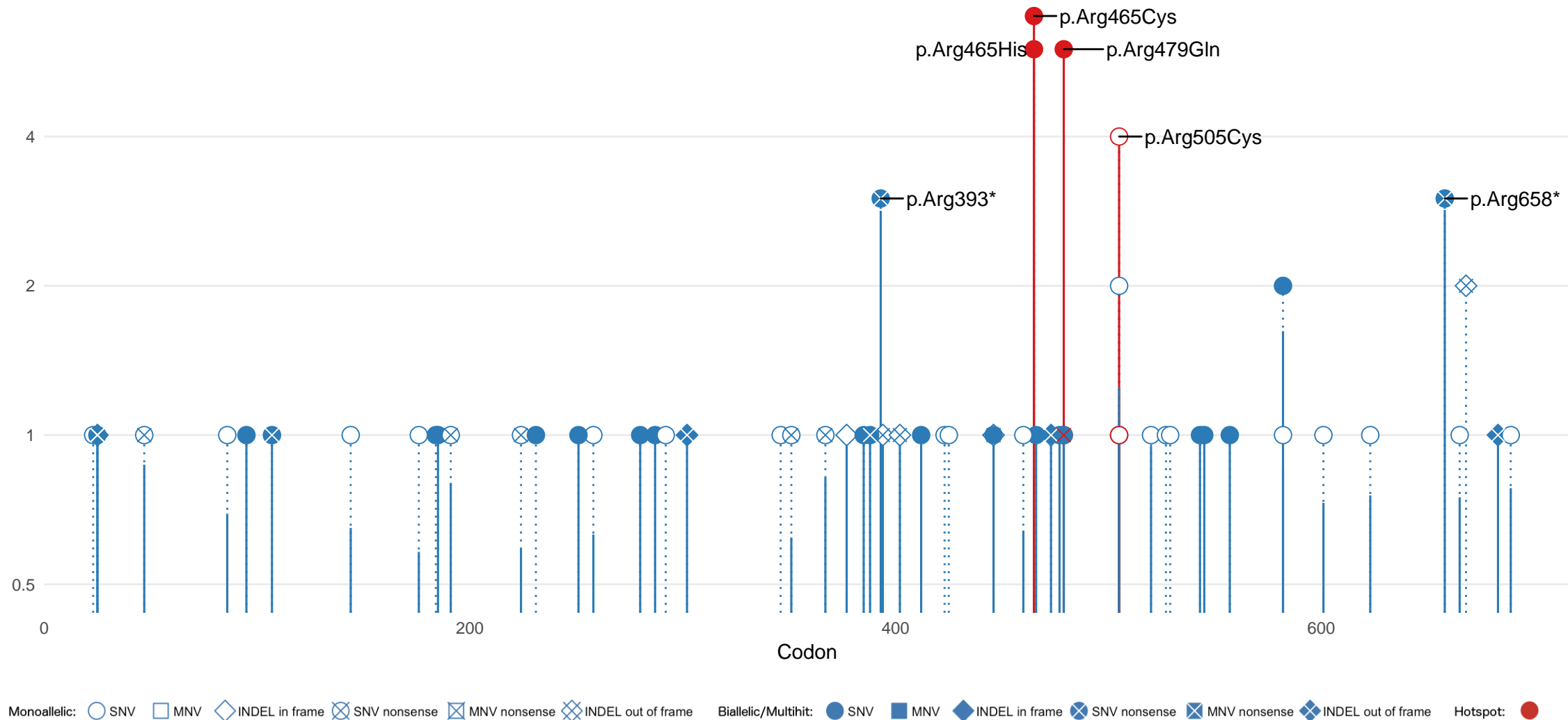
FBXO11 Variants



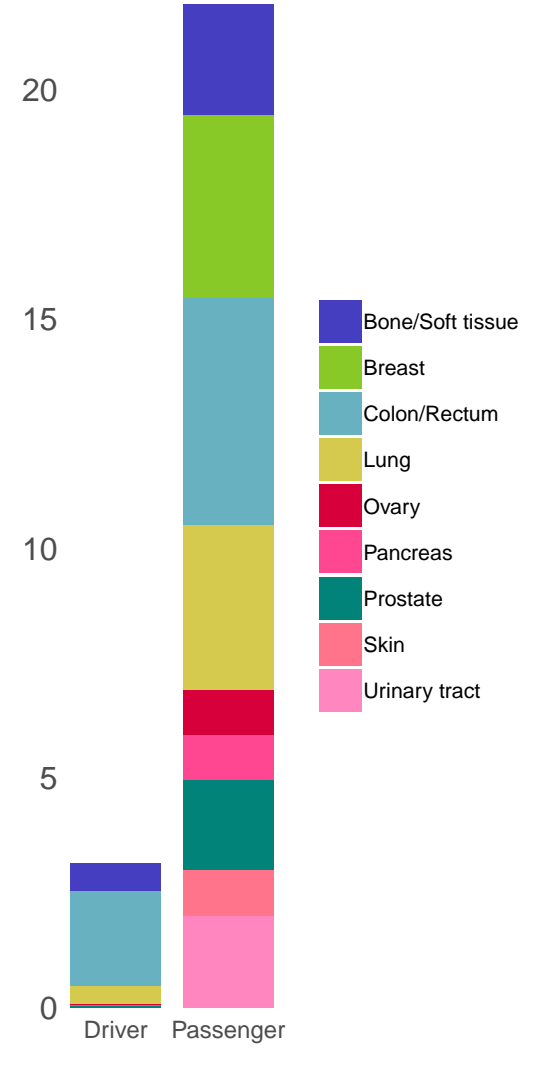
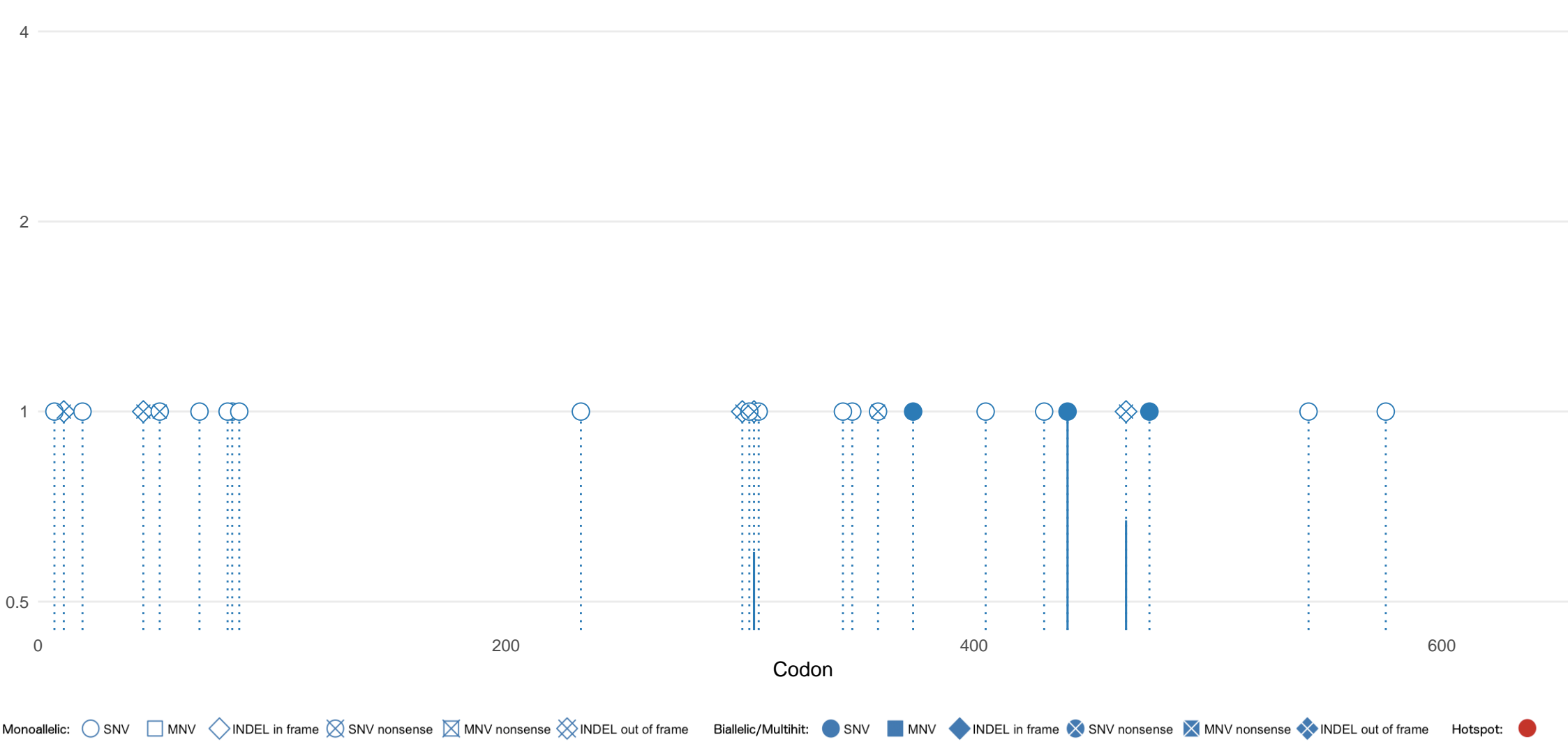
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
 Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
 Hotspot: ●



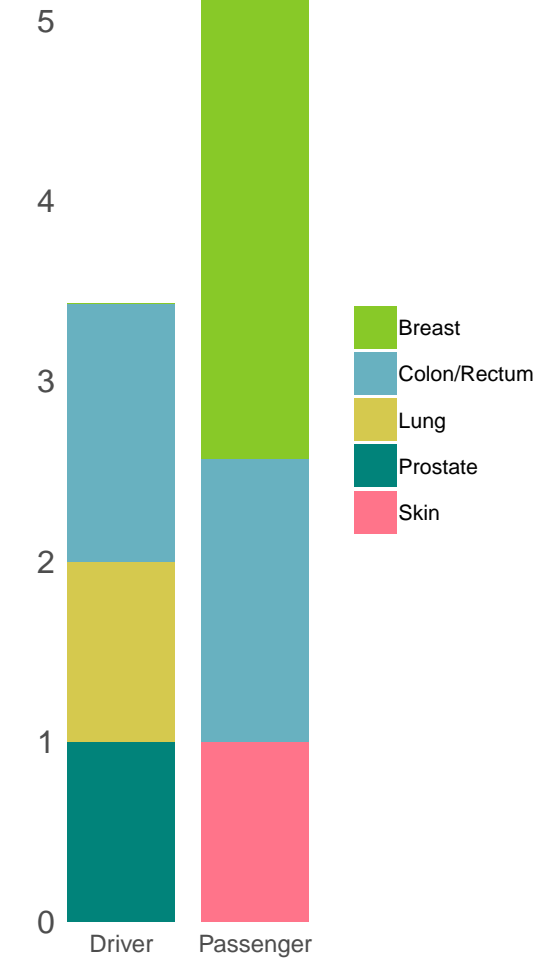
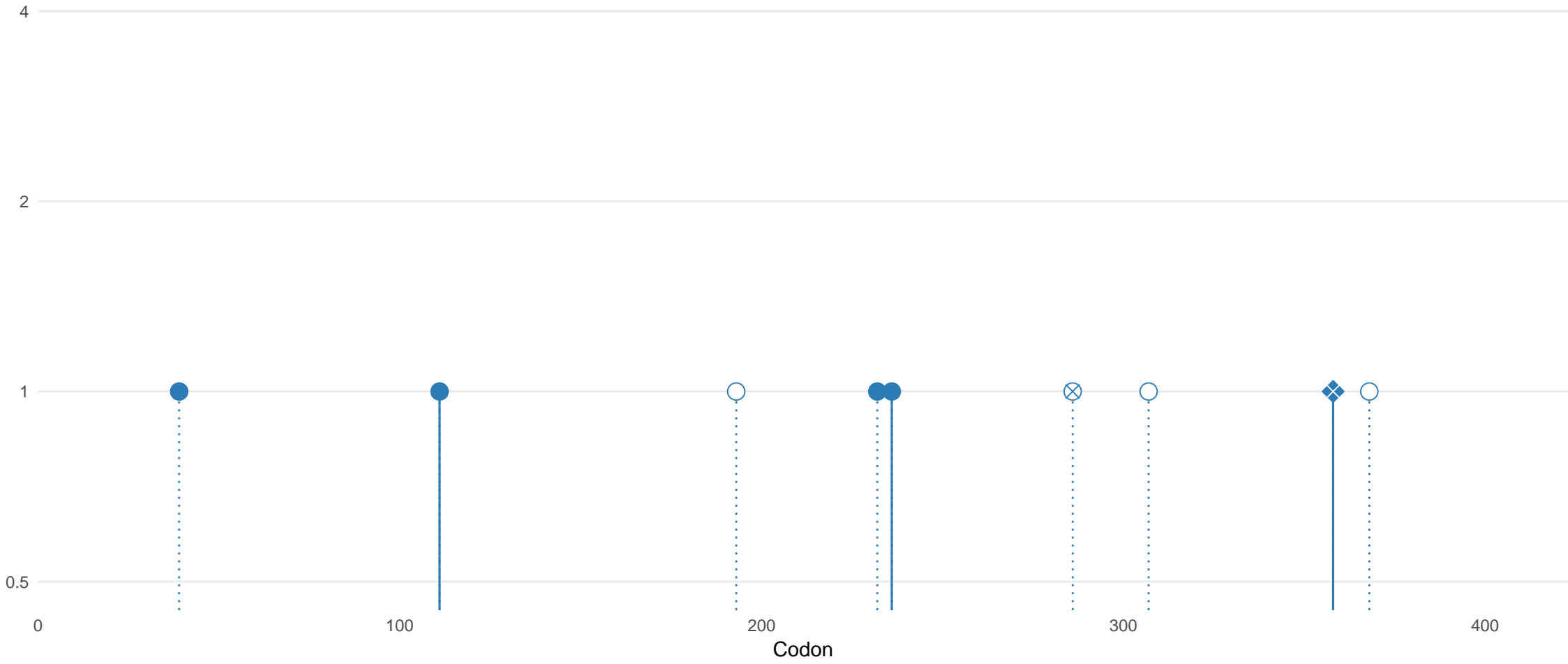
FBXW7 Variants



FUBP1 Variants

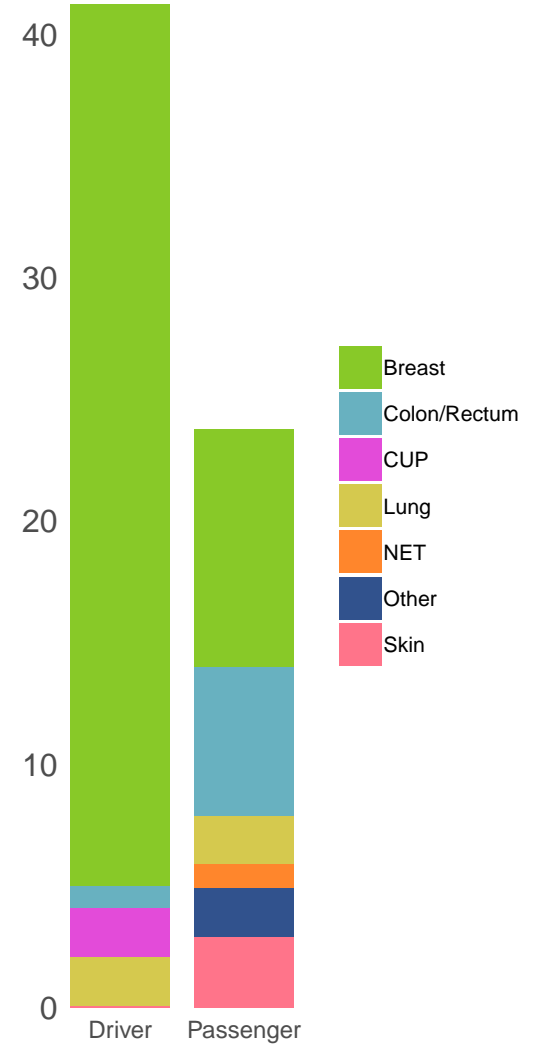
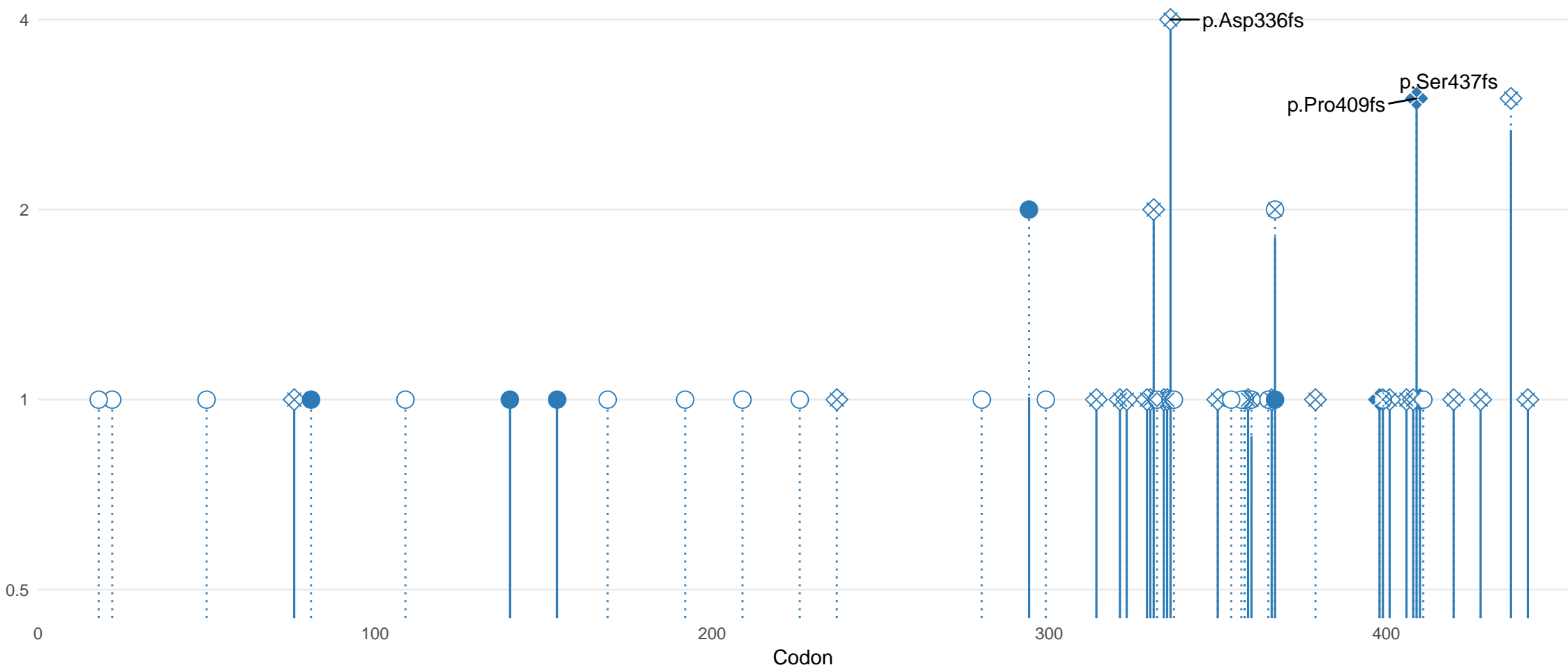


GATA1 Variants



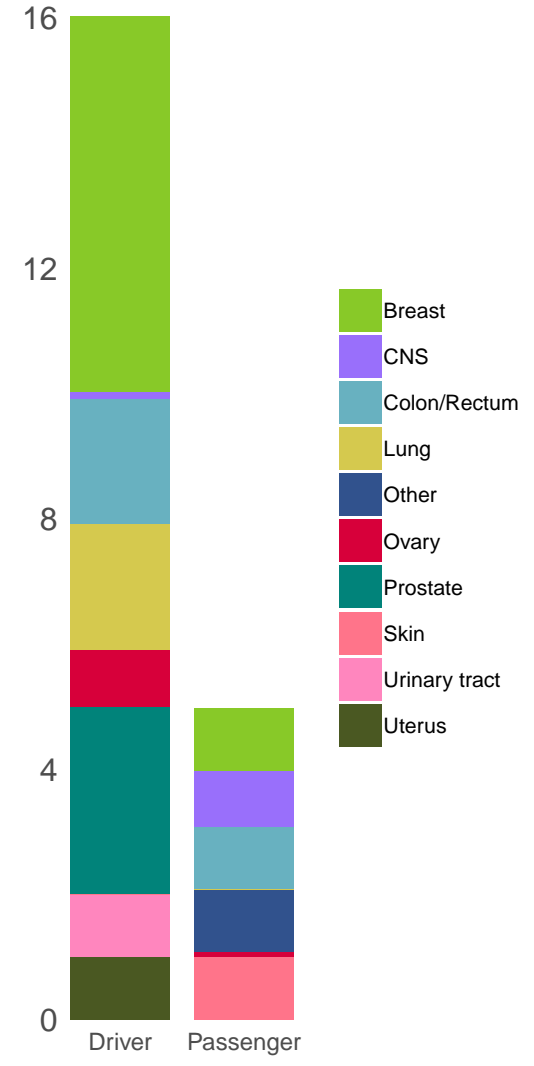
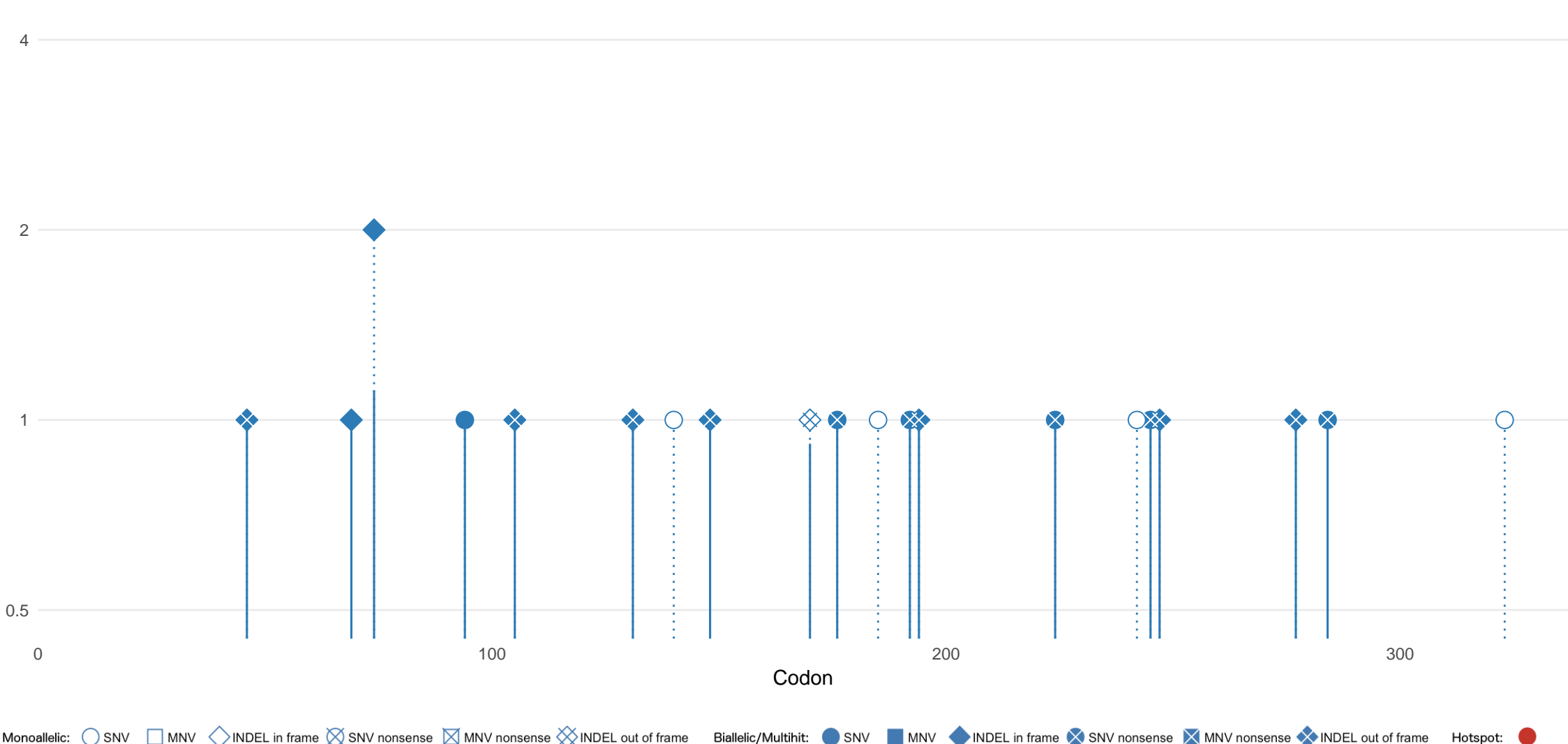
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
 Biallelic/Multi-hit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
 Hotspot: ●

GATA3 Variants

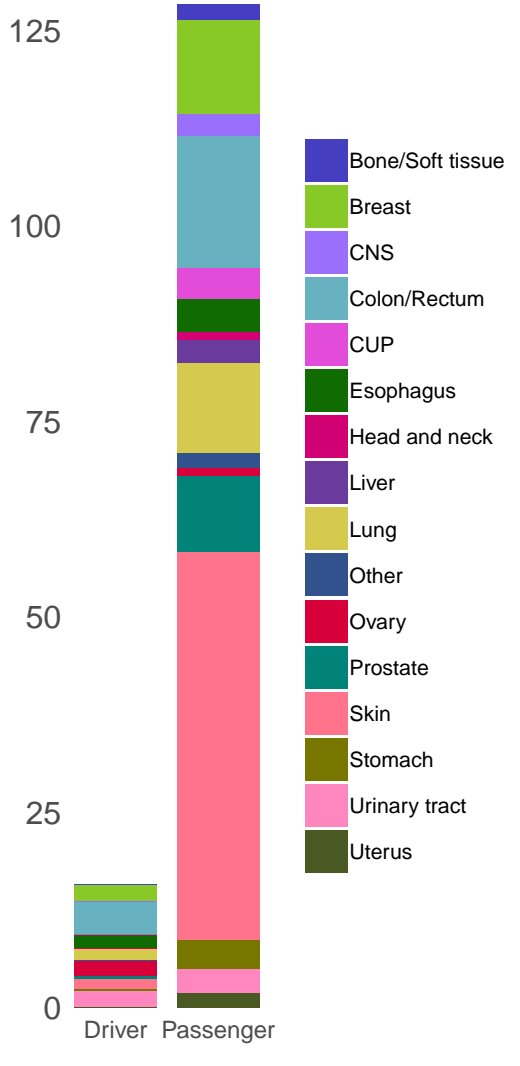
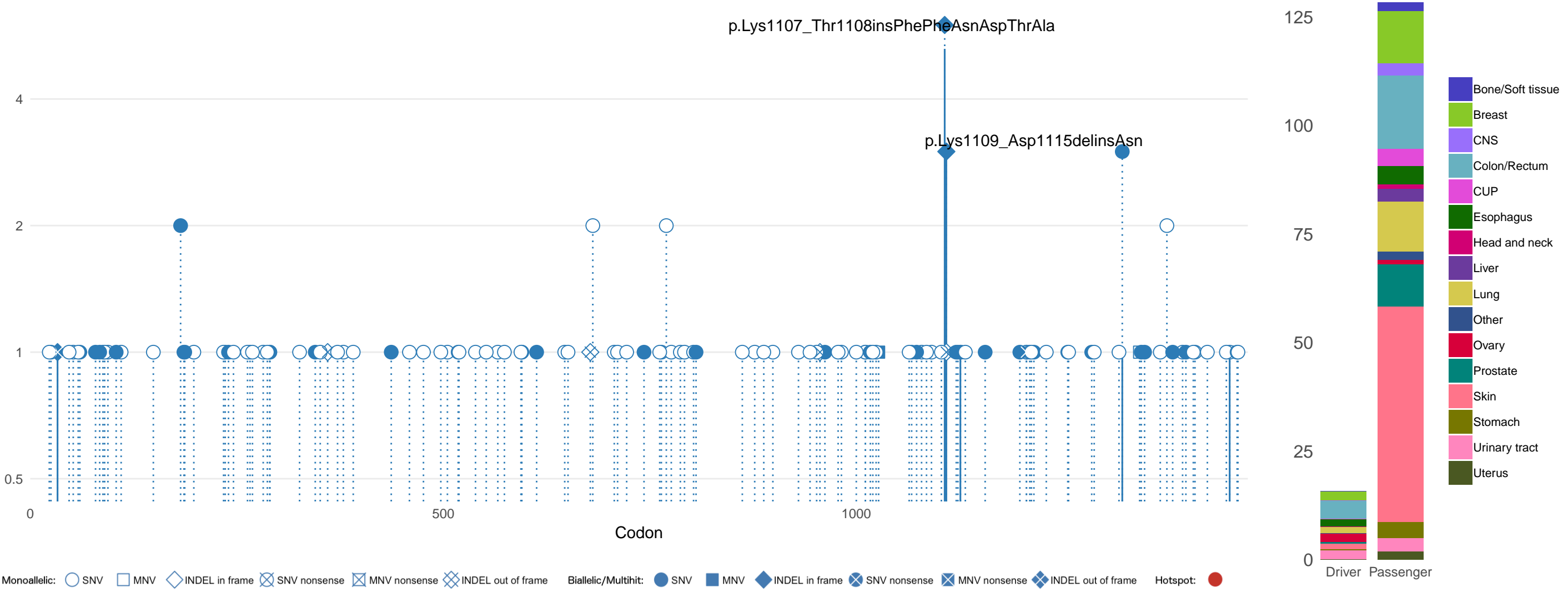


Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame Hotspot: ●

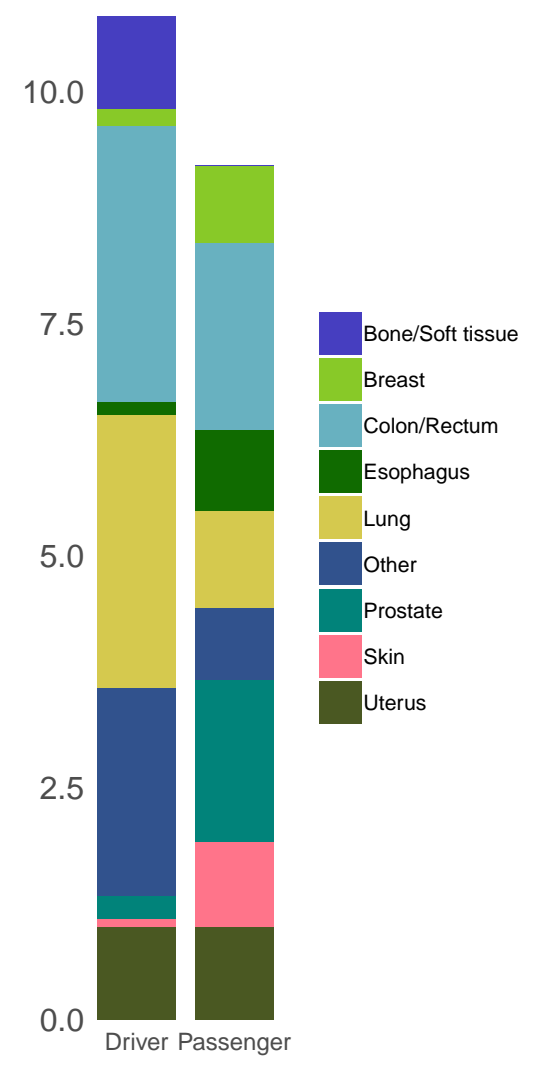
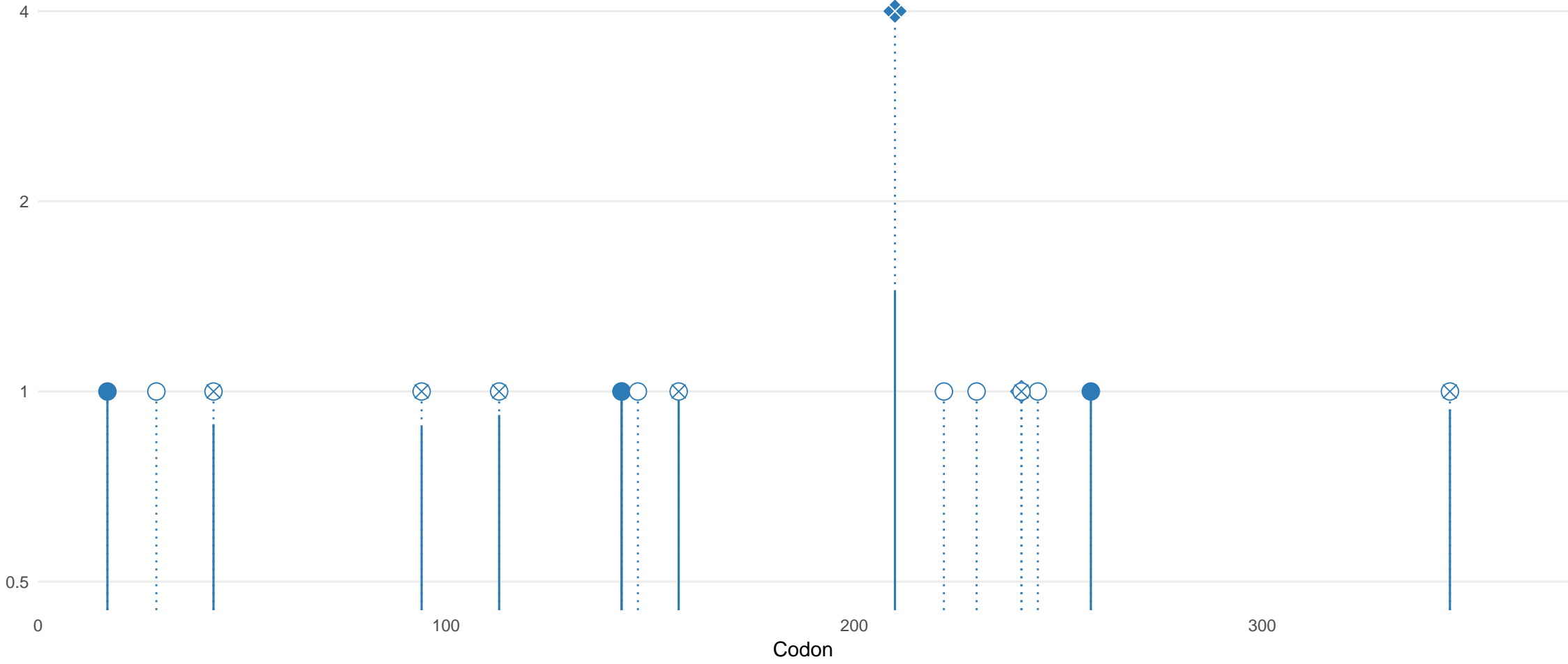
GPS2 Variants



GRIN2A Variants

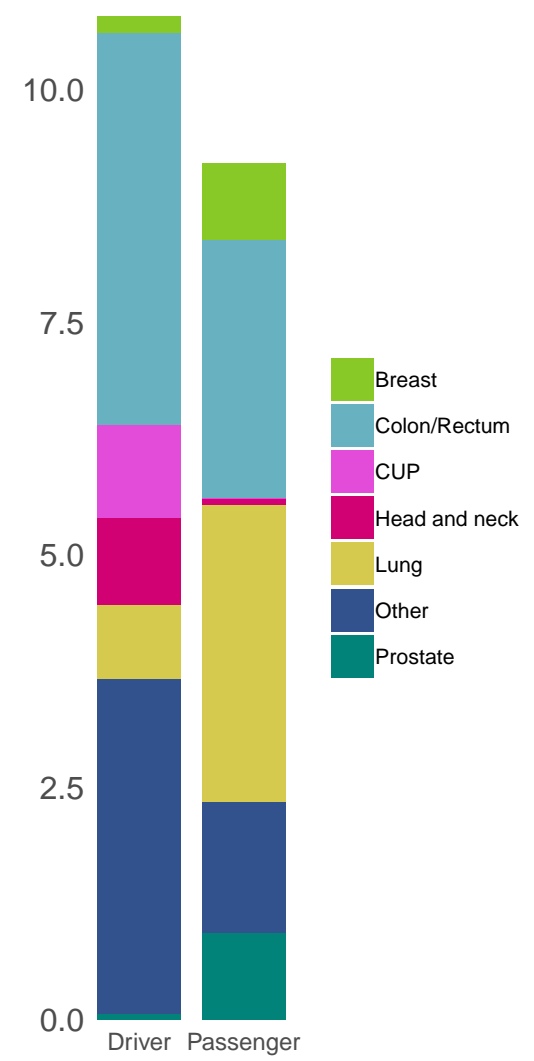
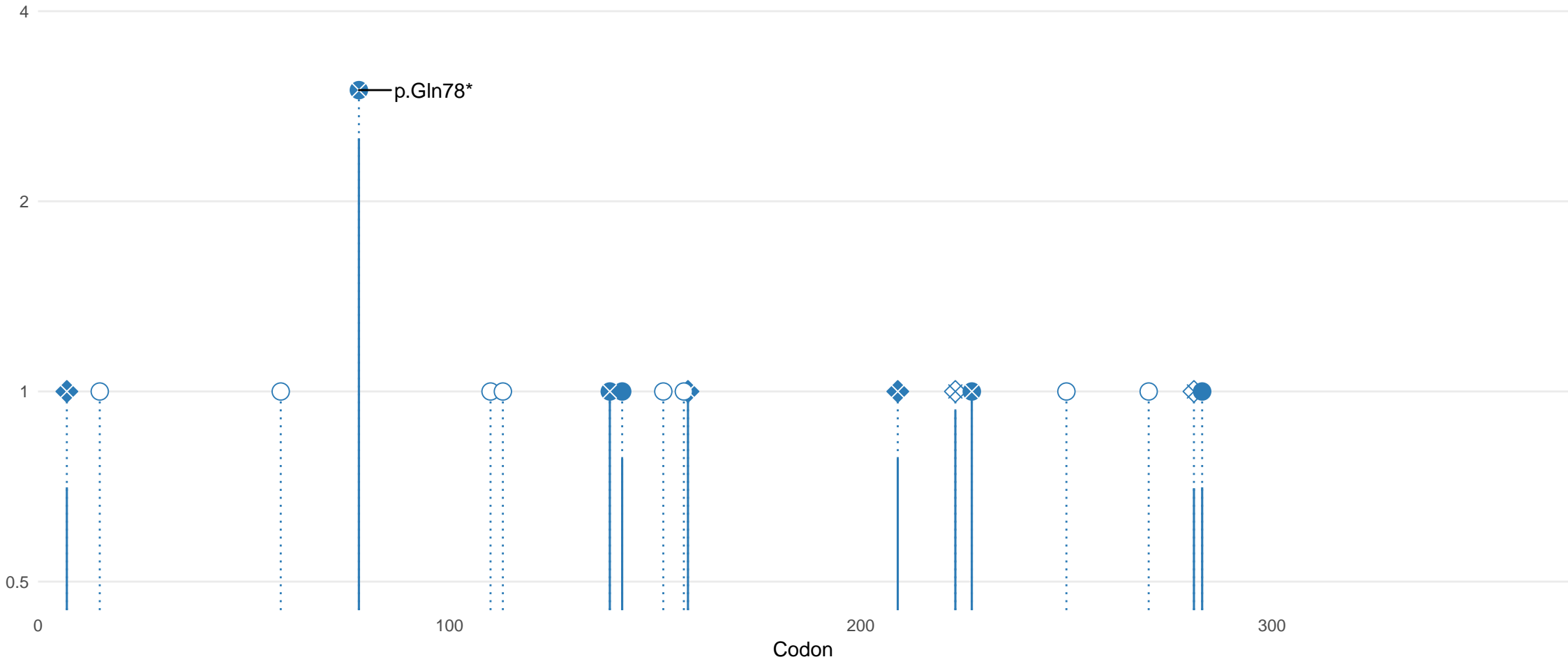


HLA-A Variants



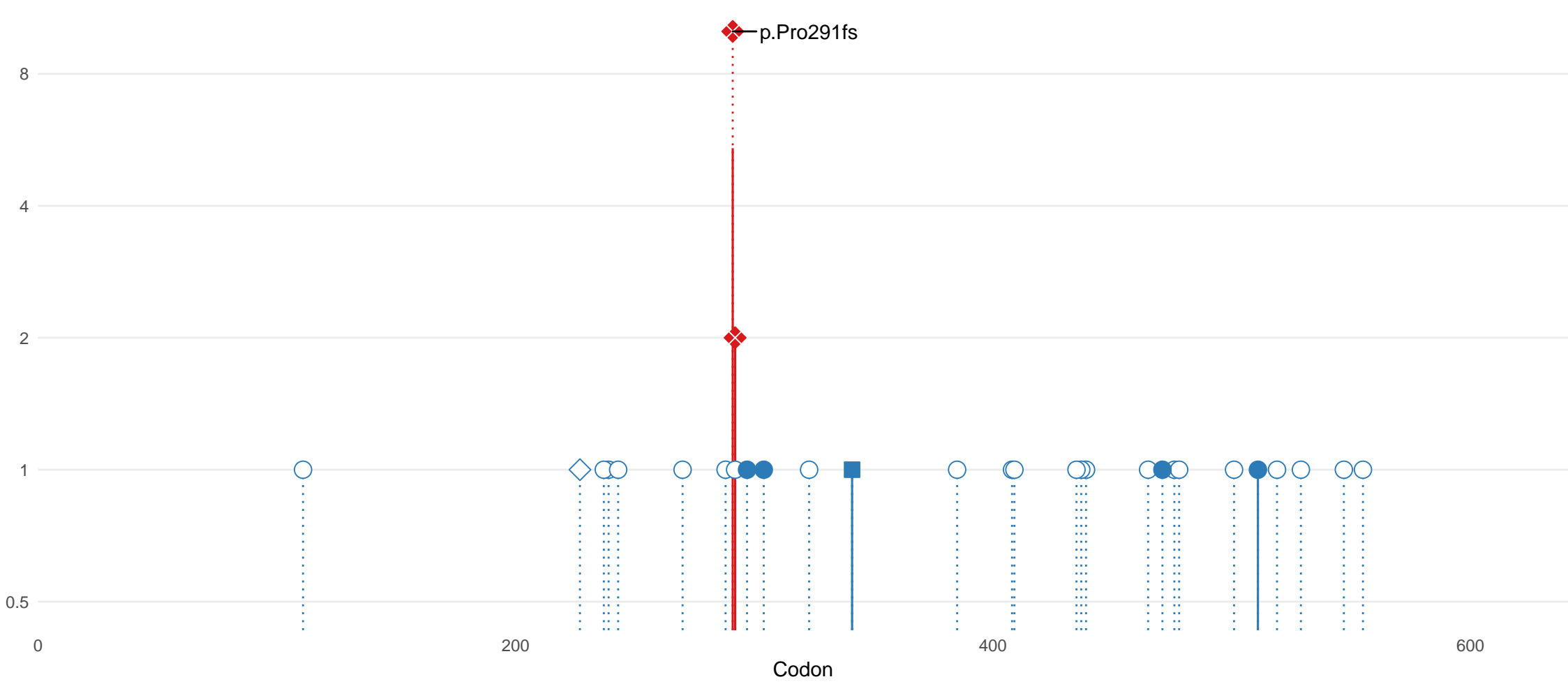
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
 Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
 Hotspot: ●

HLA-B Variants

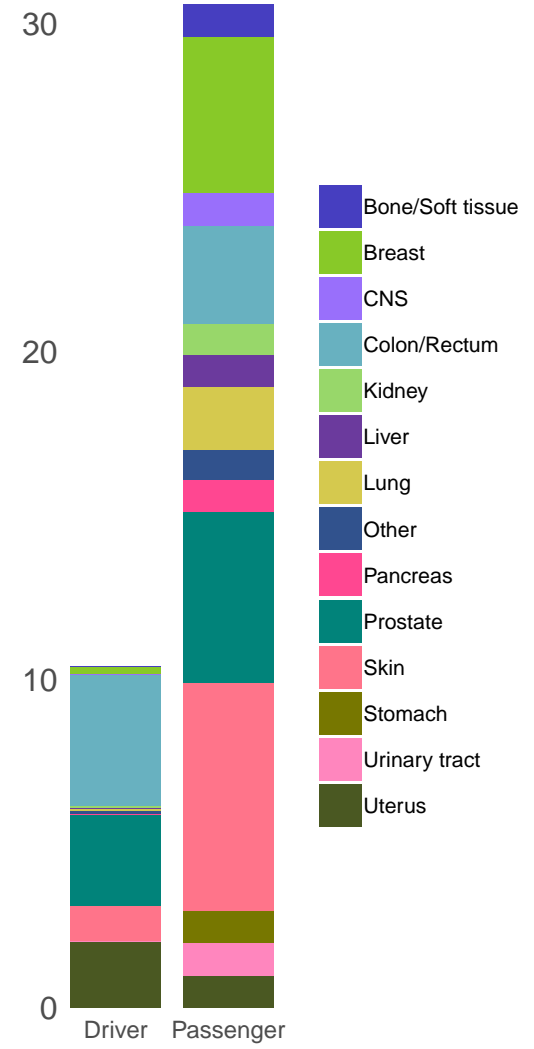


Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
 Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
 Hotspot: ●

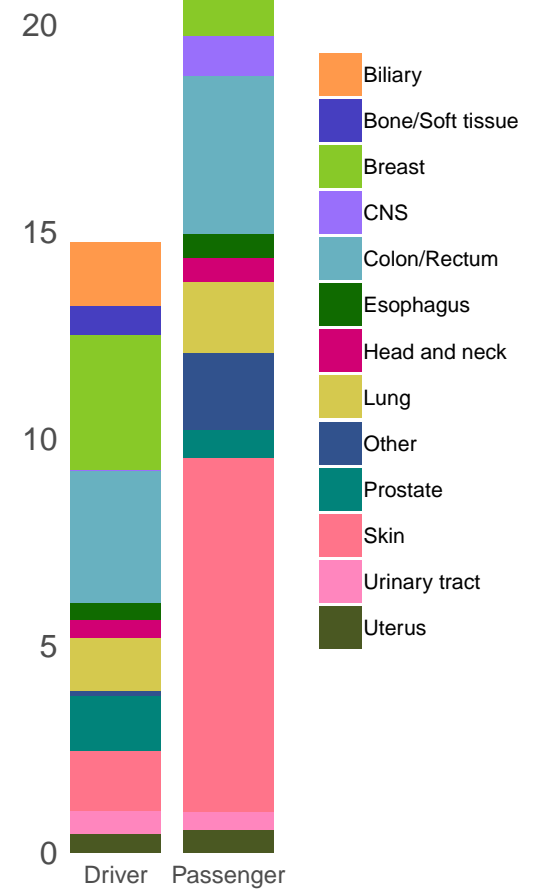
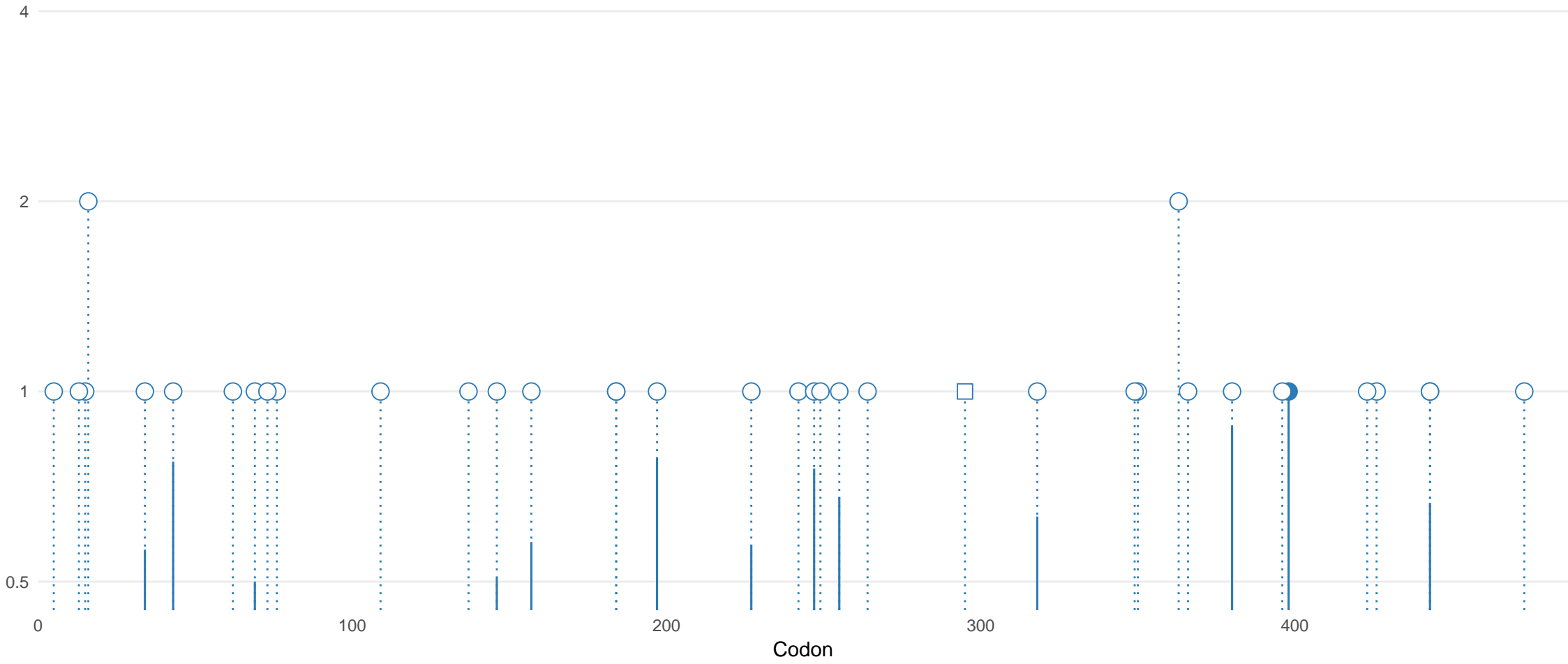
HNF1A Variants



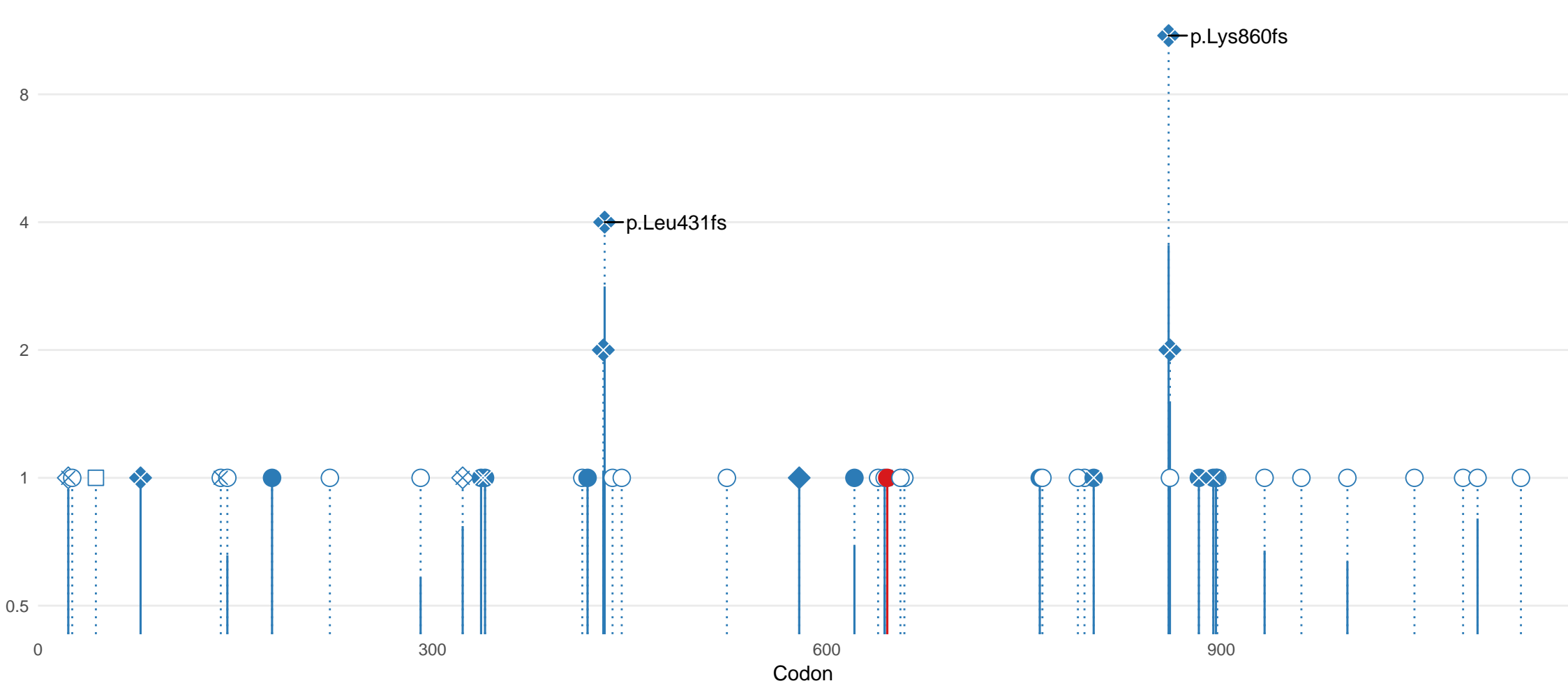
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
 Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
 Hotspot: ●



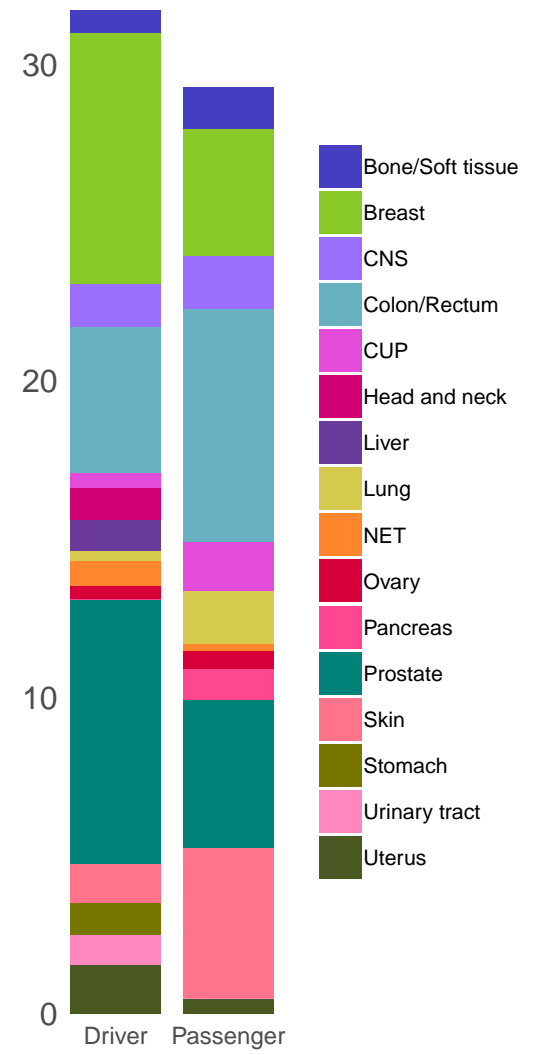
IKZF1 Variants



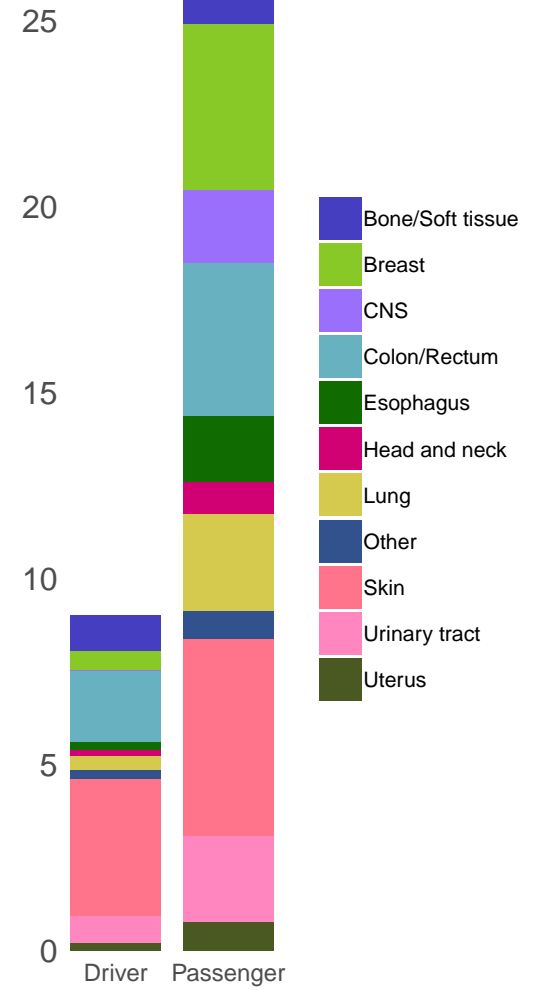
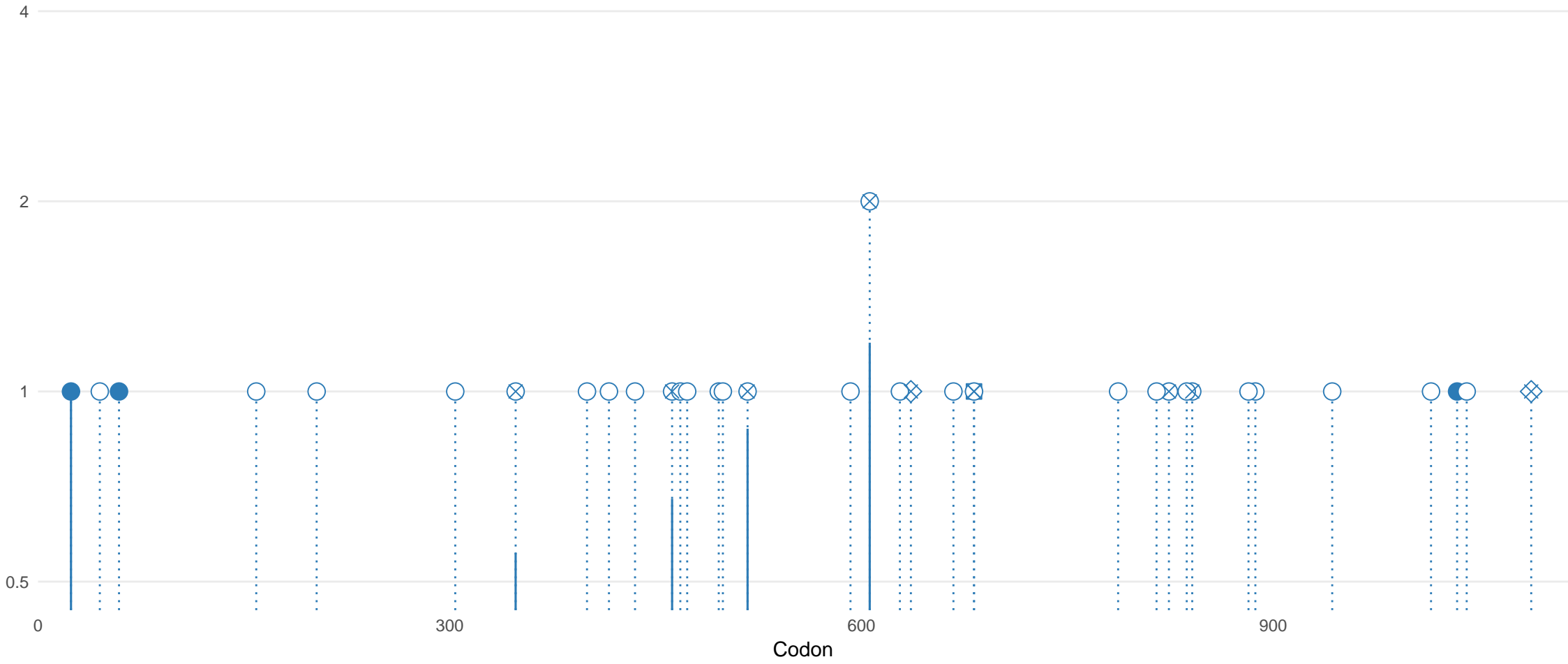
JAK1 Variants



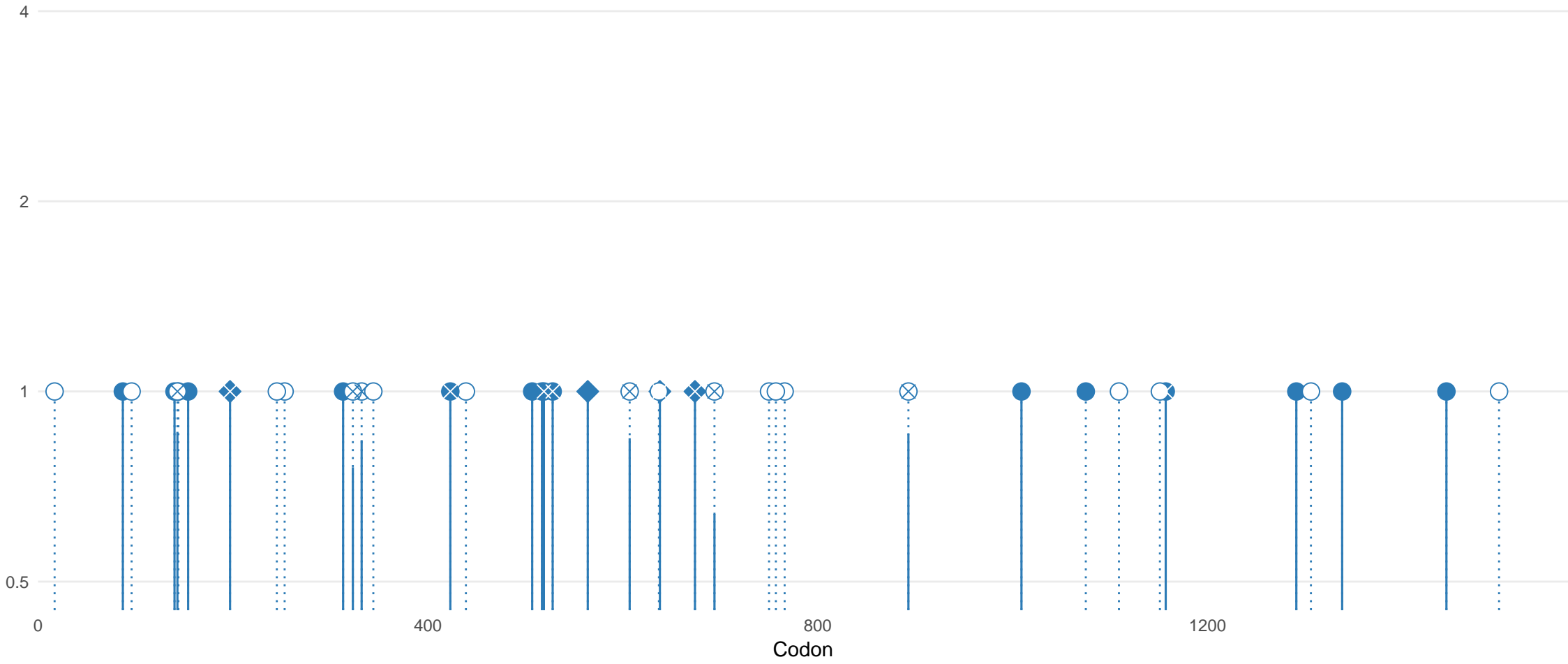
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●



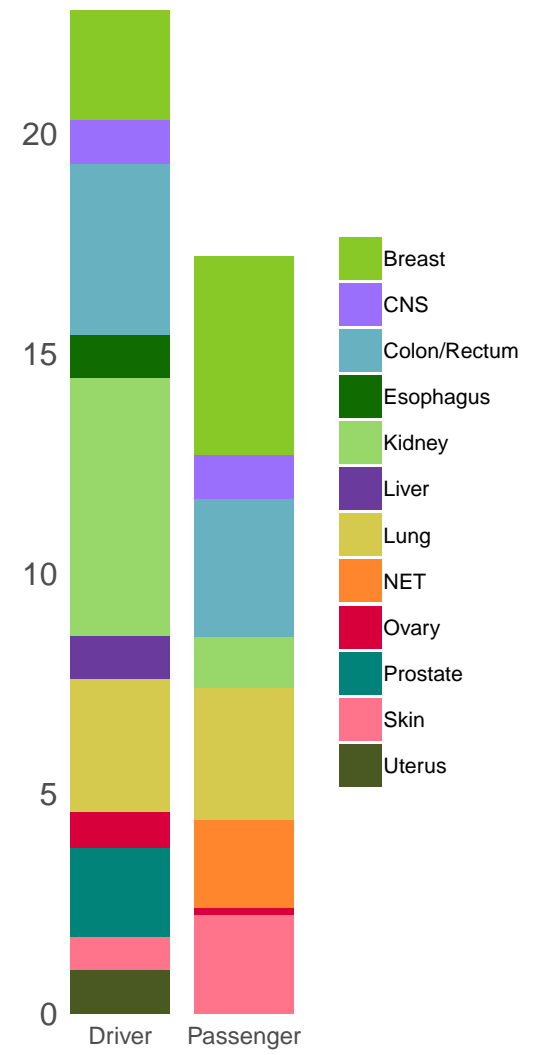
KANSL1 Variants



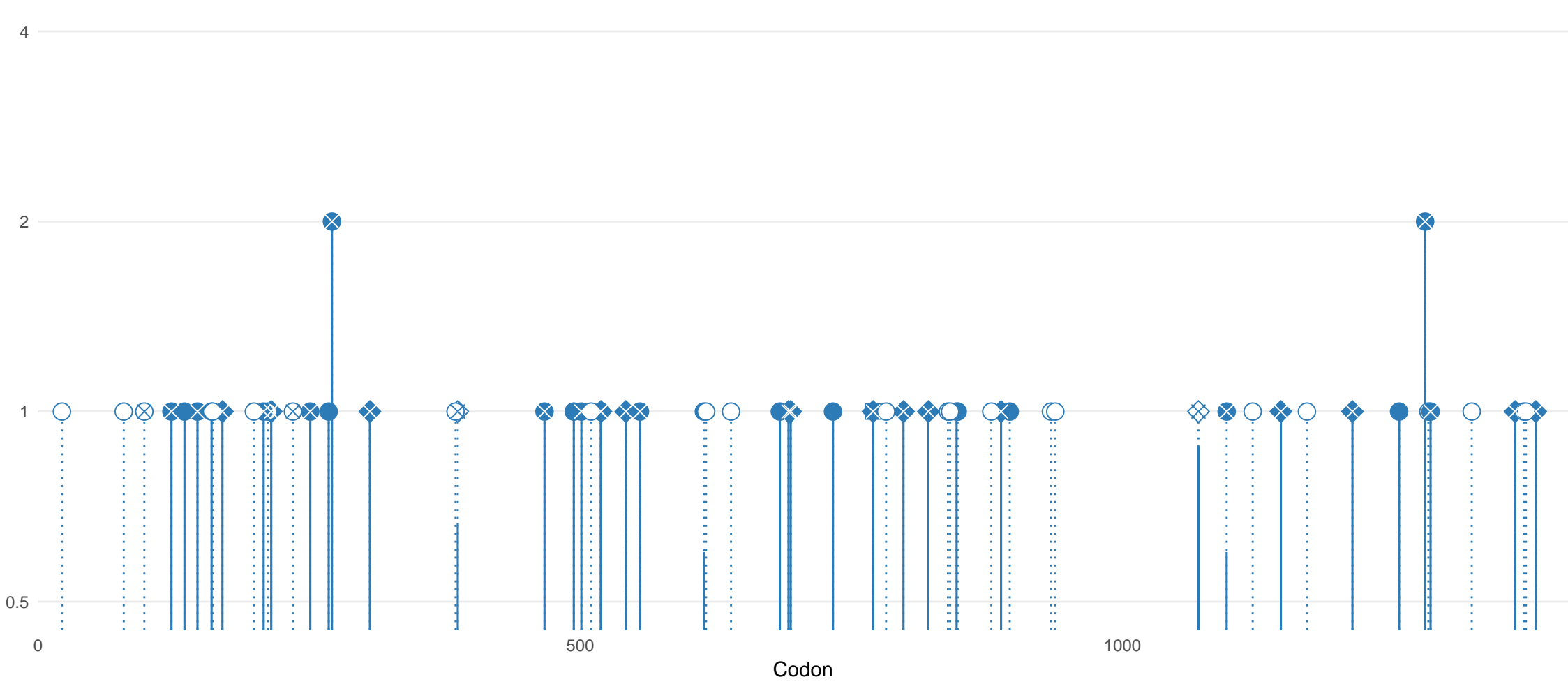
KDM5C Variants



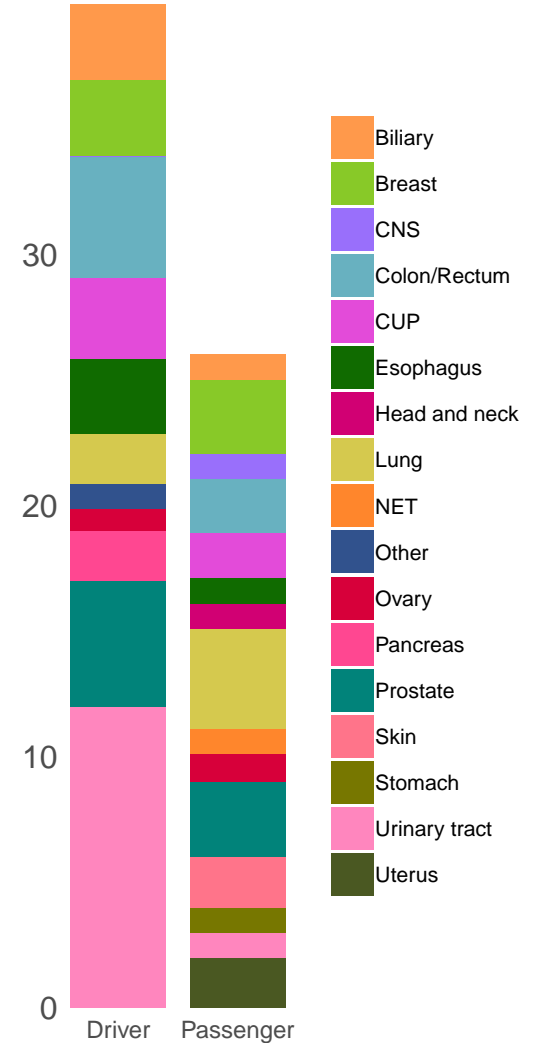
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Bi-allelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●



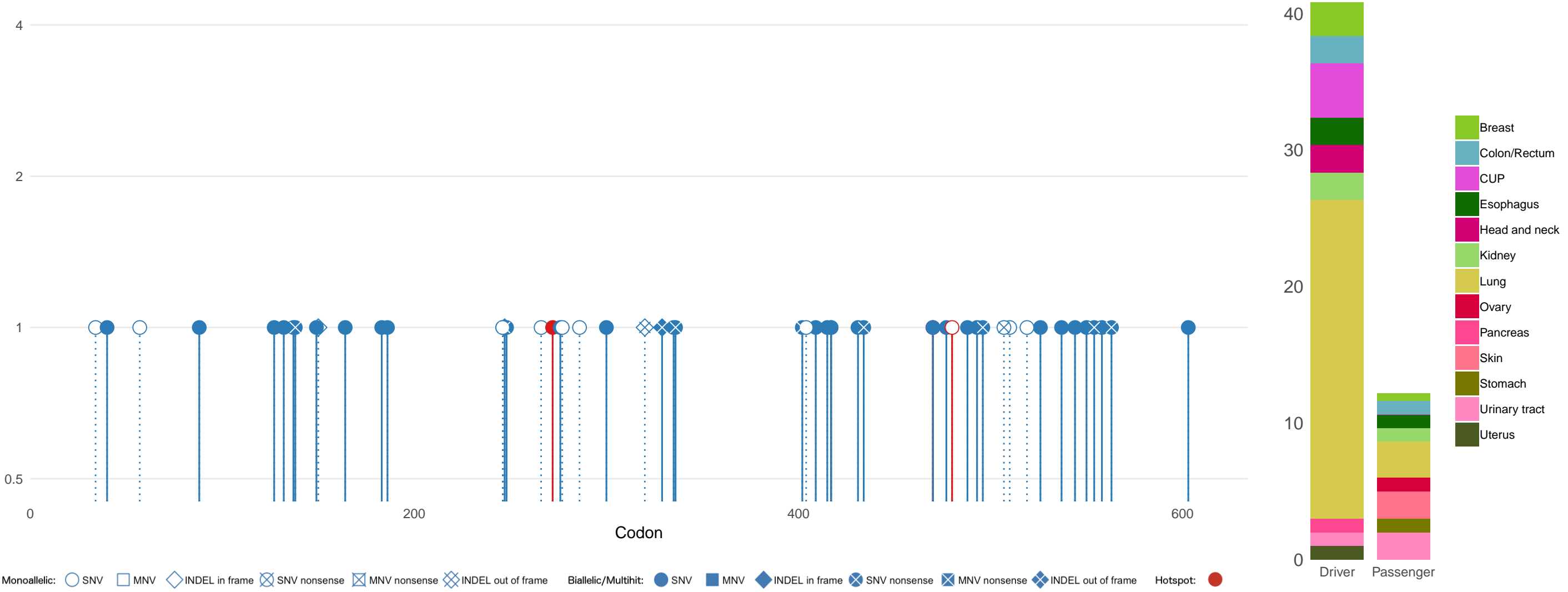
KDM6A Variants



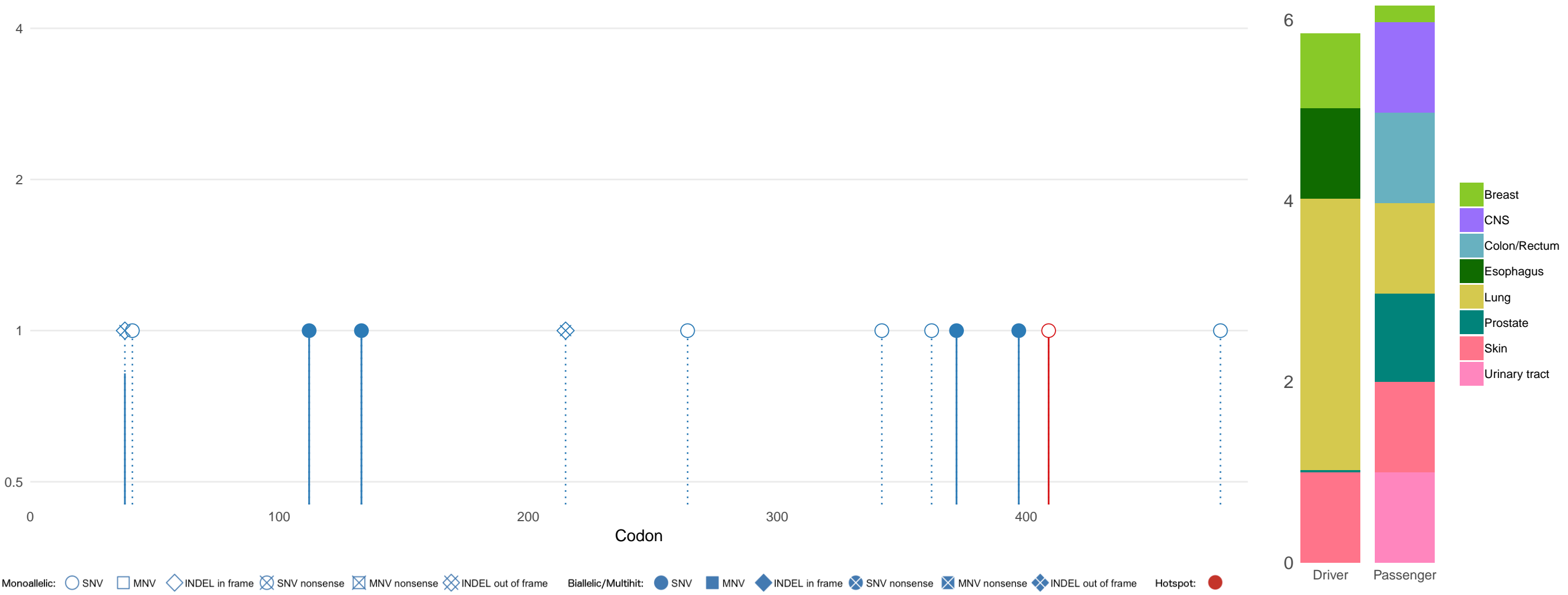
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●



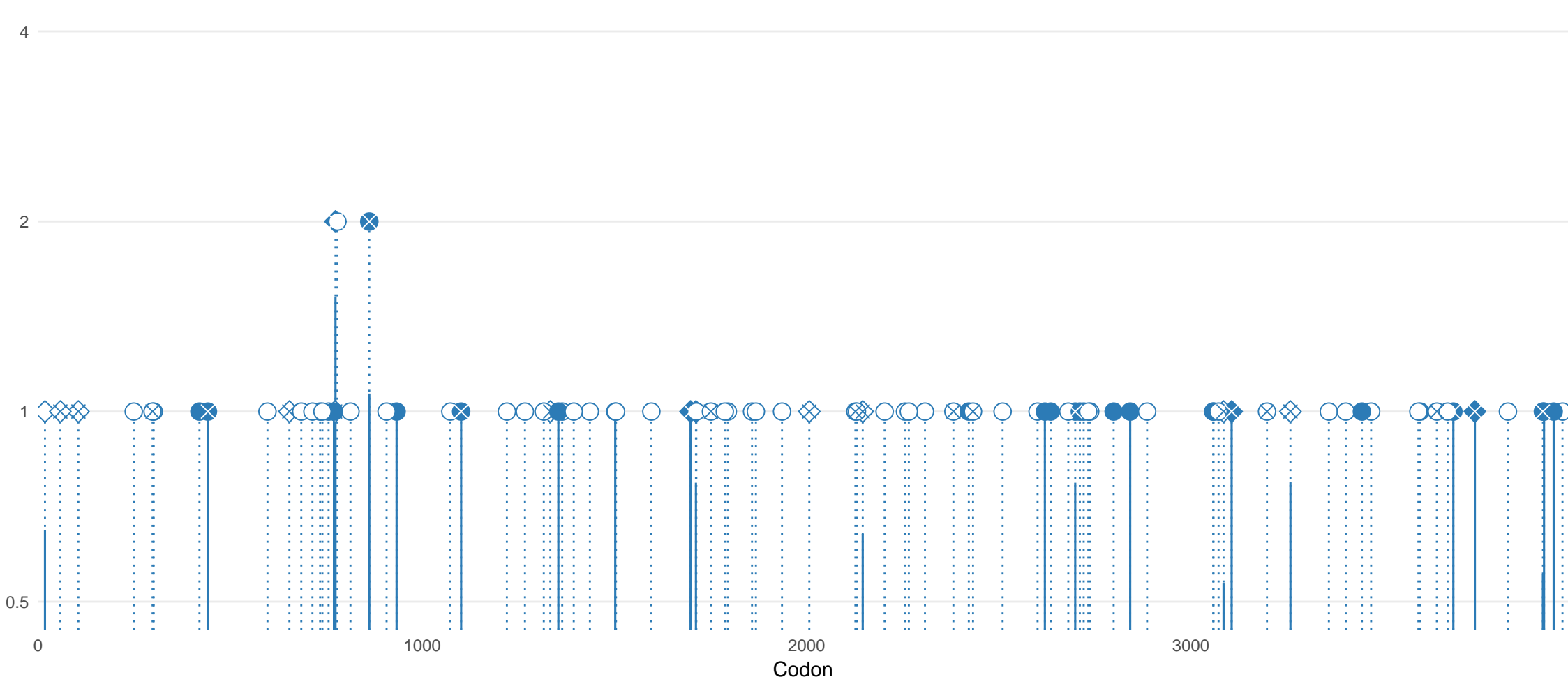
KEAP1 Variants



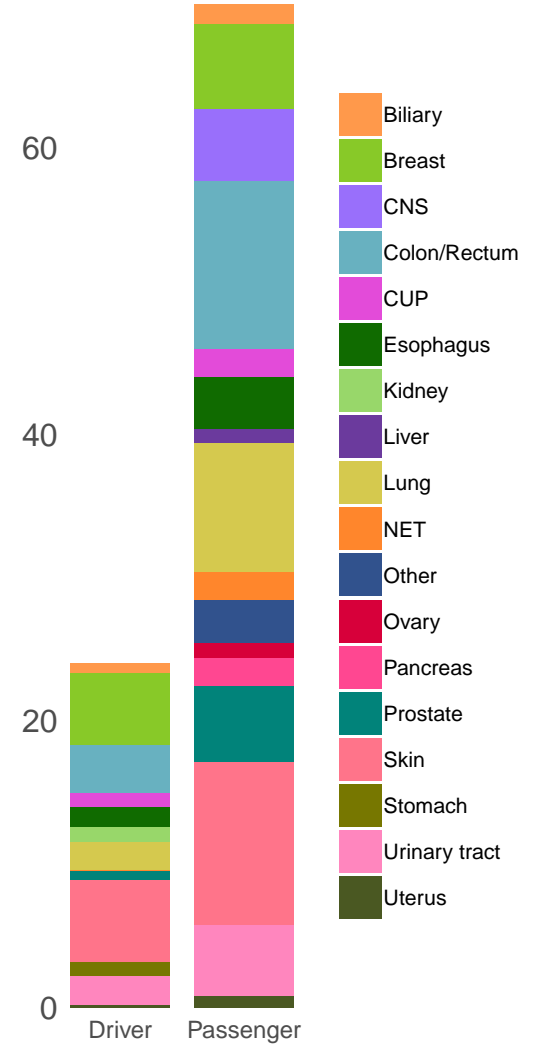
KLF4 Variants



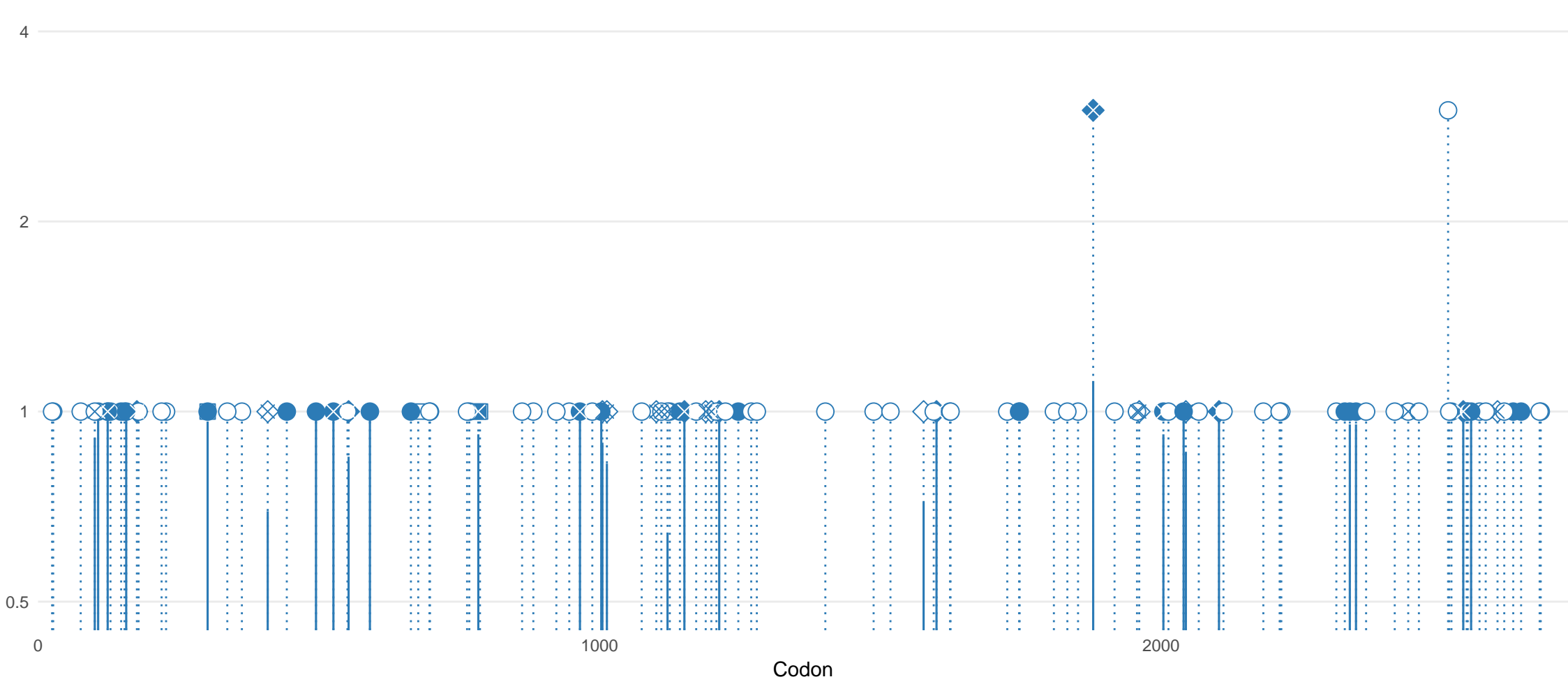
KMT2A Variants



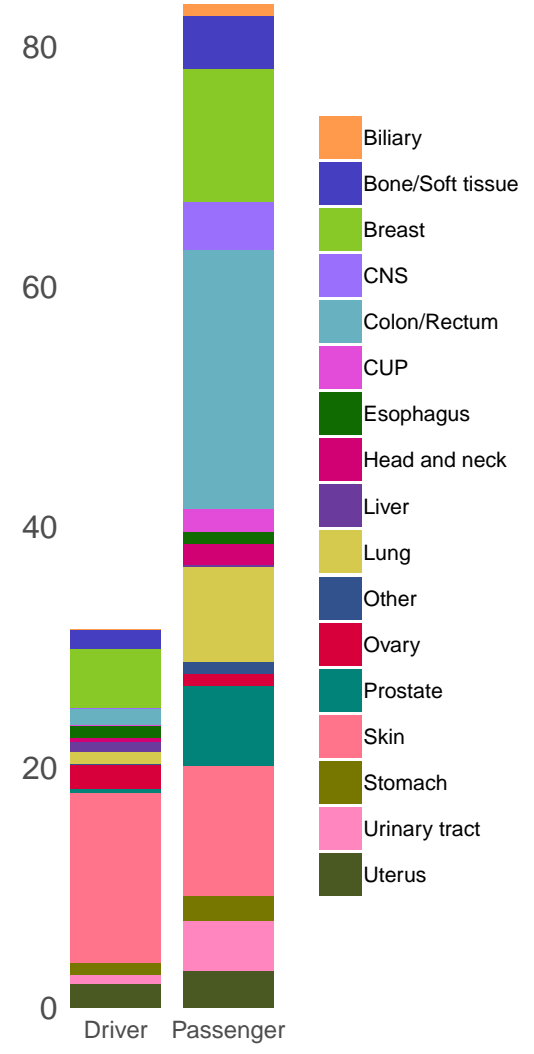
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●



KMT2B Variants

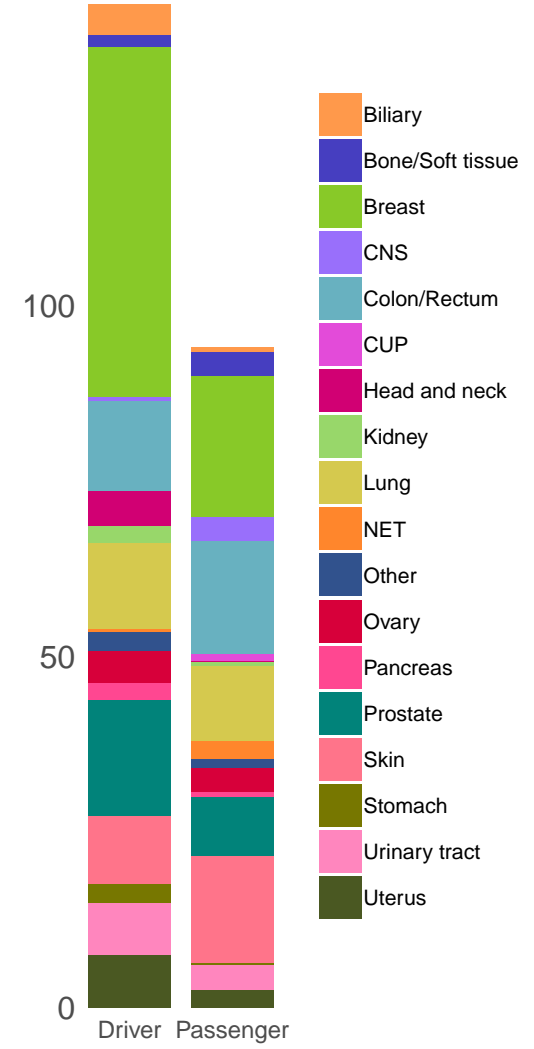
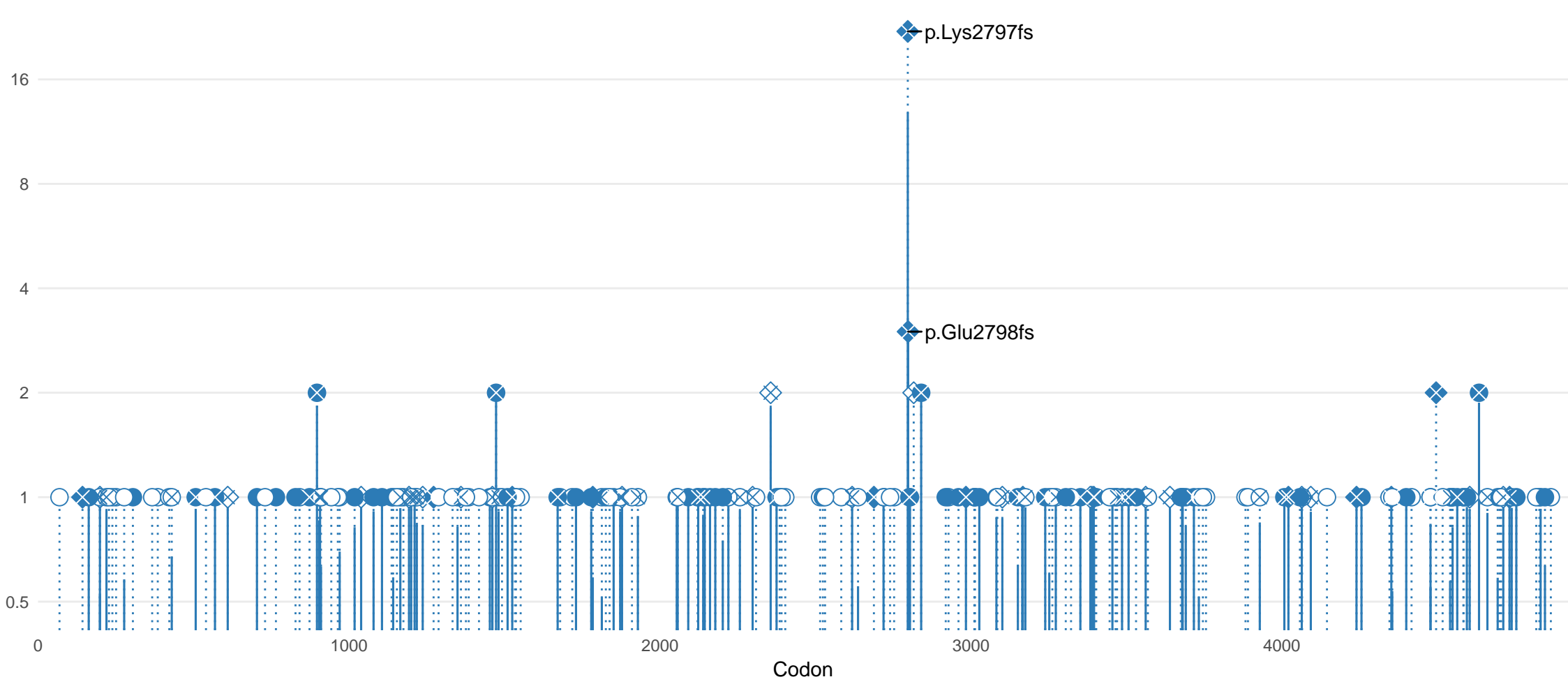


Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
 Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
 Hotspot: ●



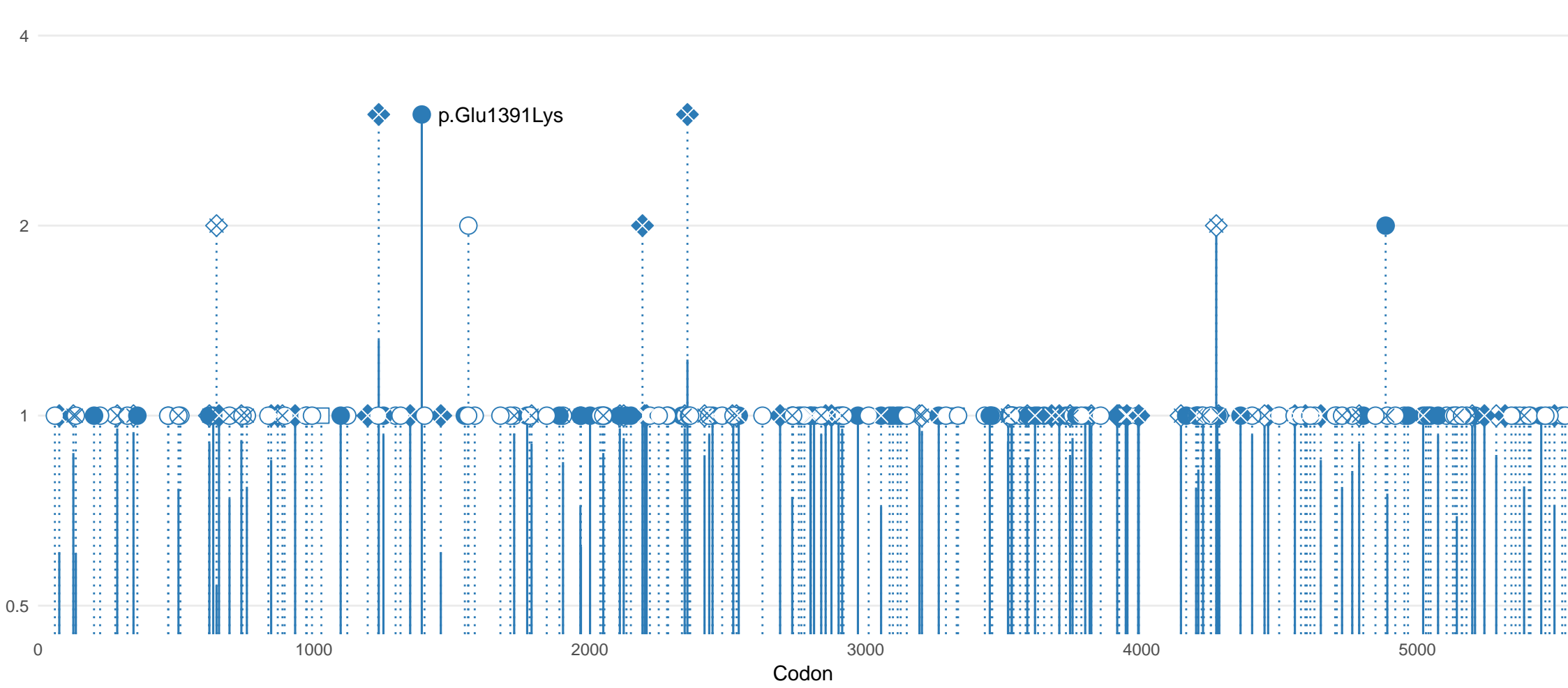
Driver Passenger

KMT2C Variants

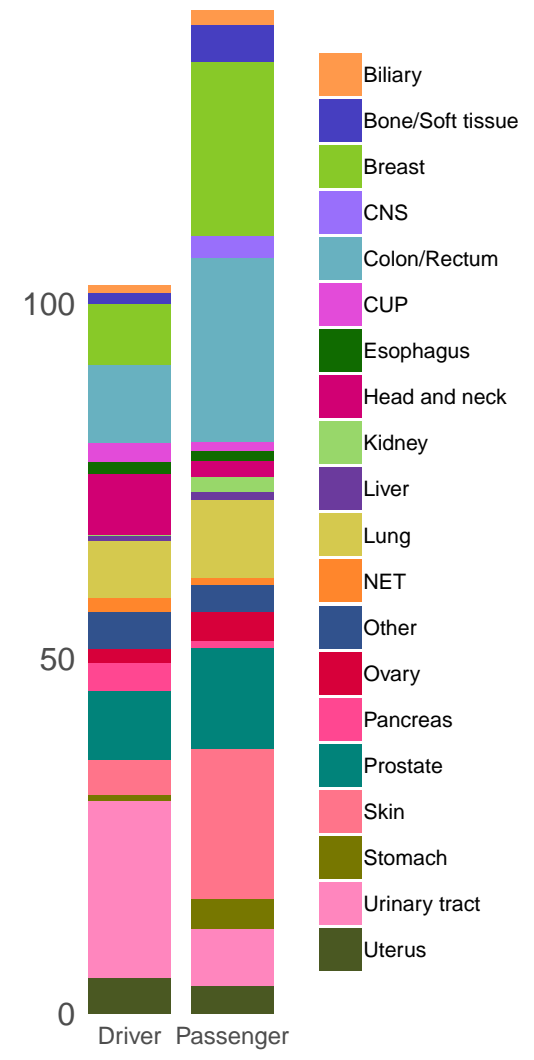


Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●

KMT2D Variants

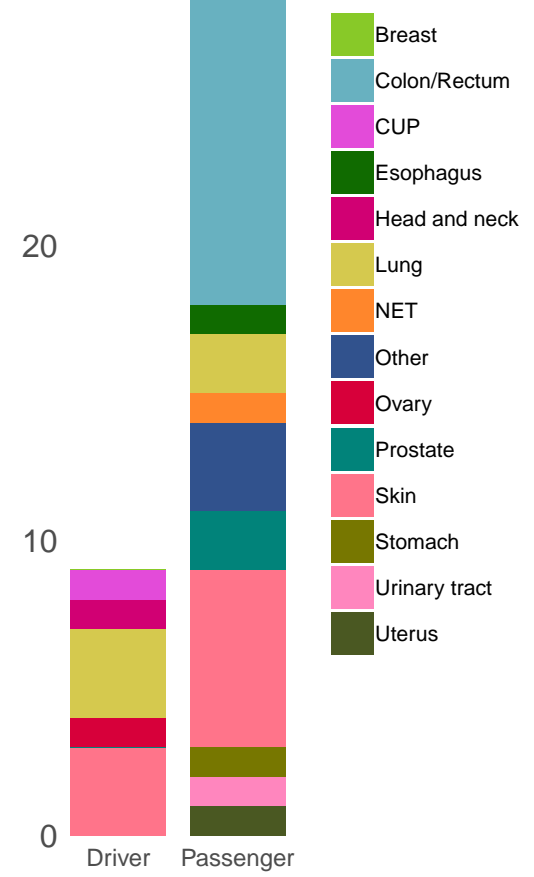
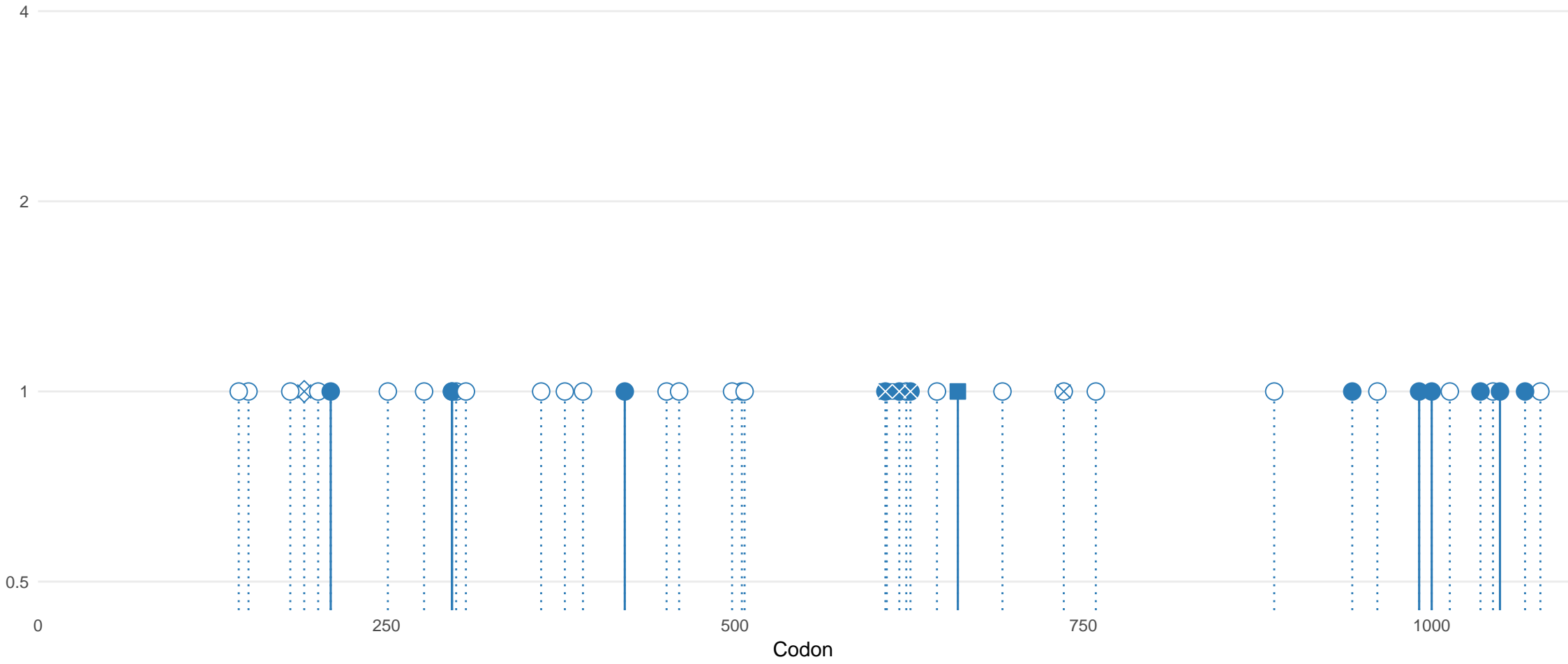


Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●

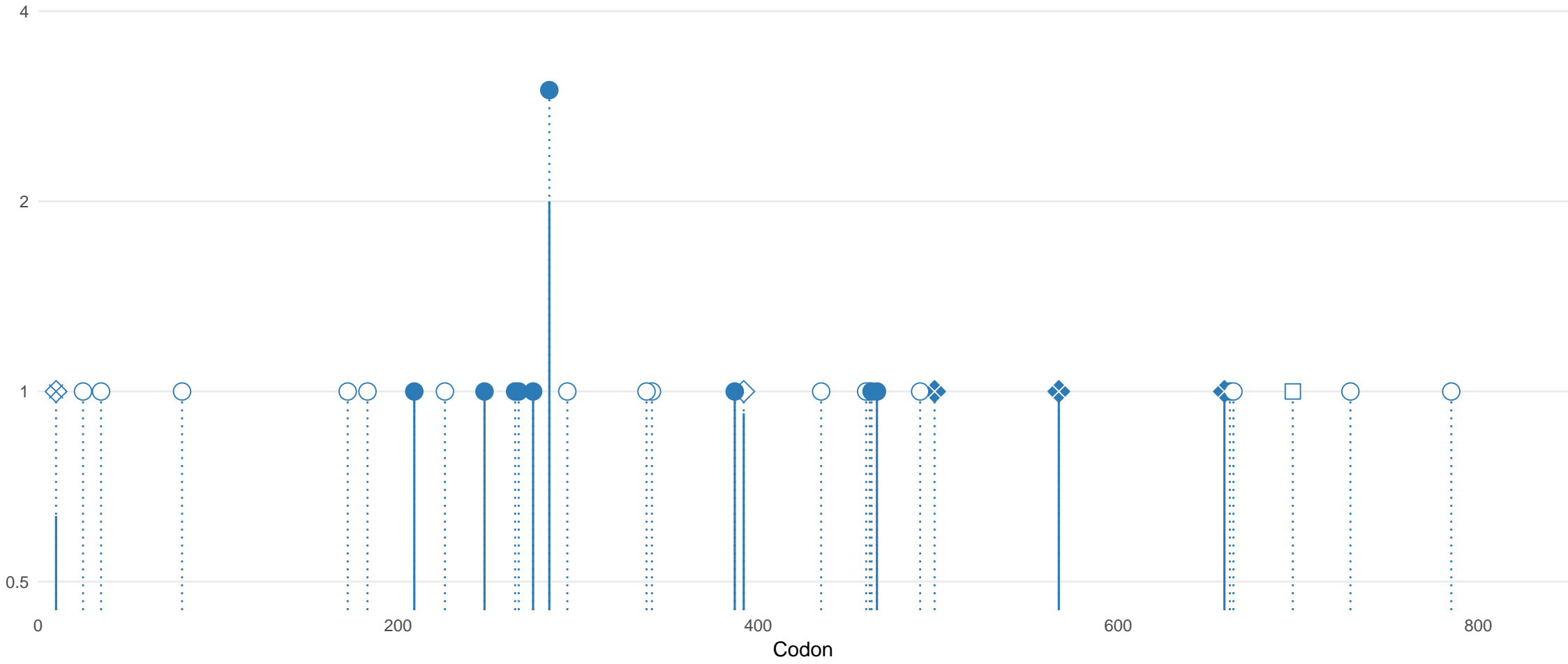


0 50 100
Driver Passenger

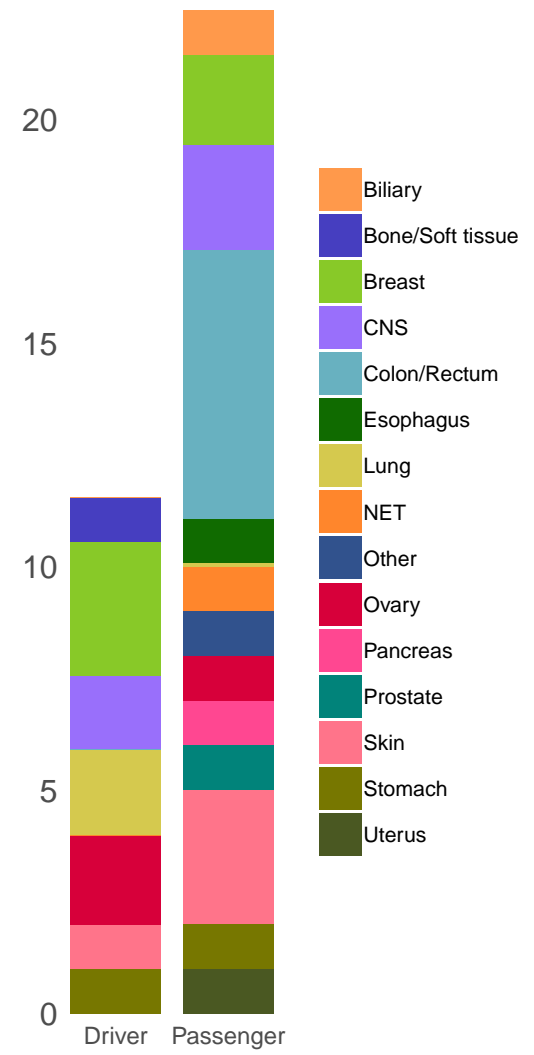
LATS2 Variants



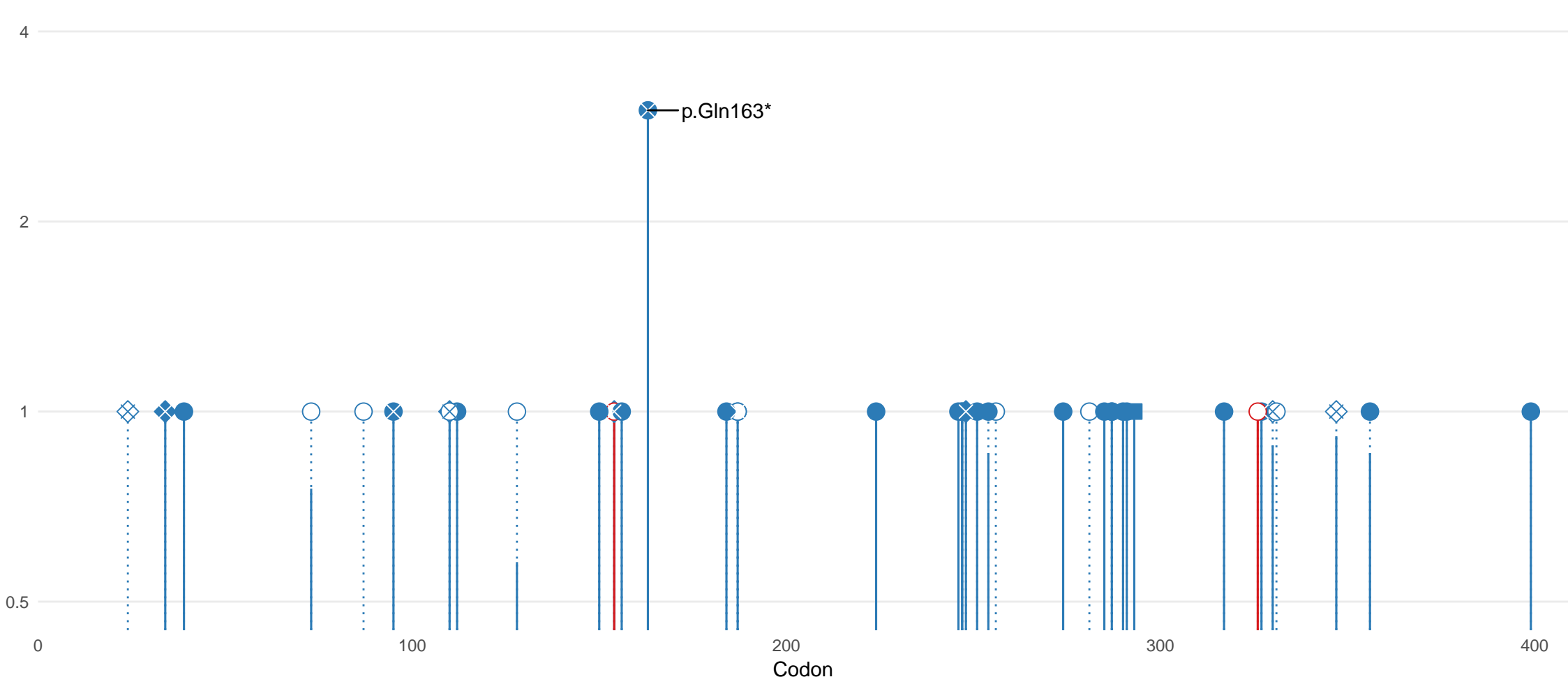
LZTR1 Variants



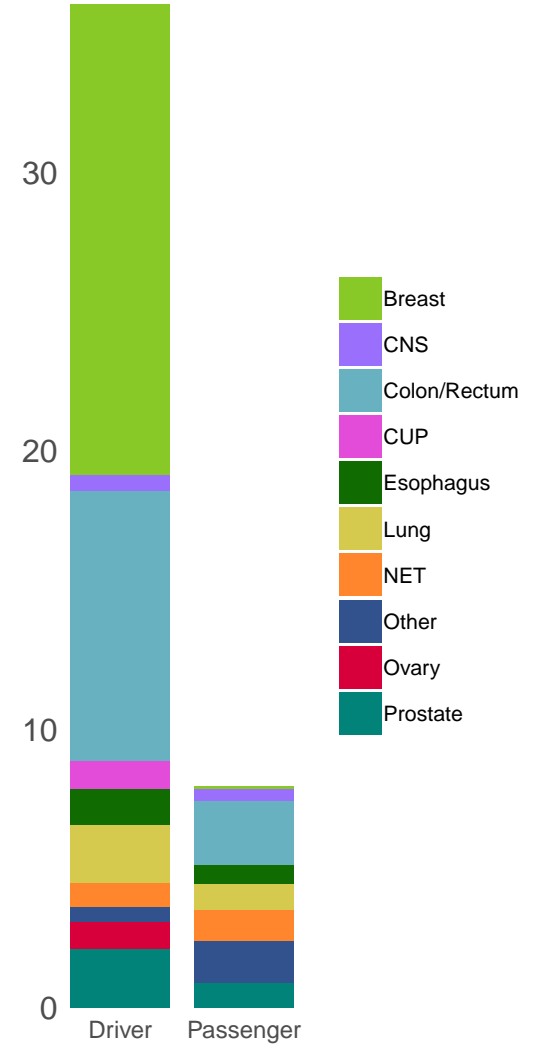
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●



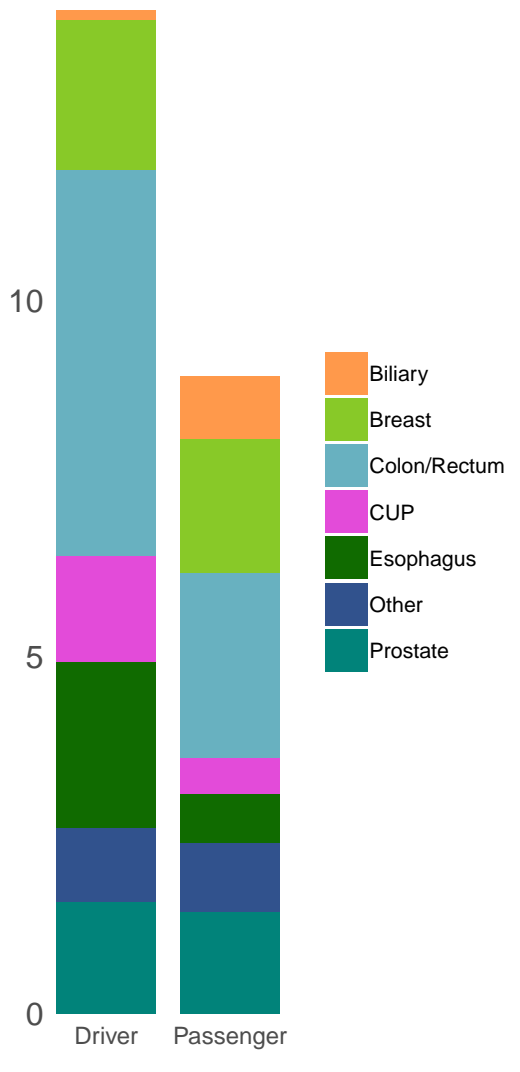
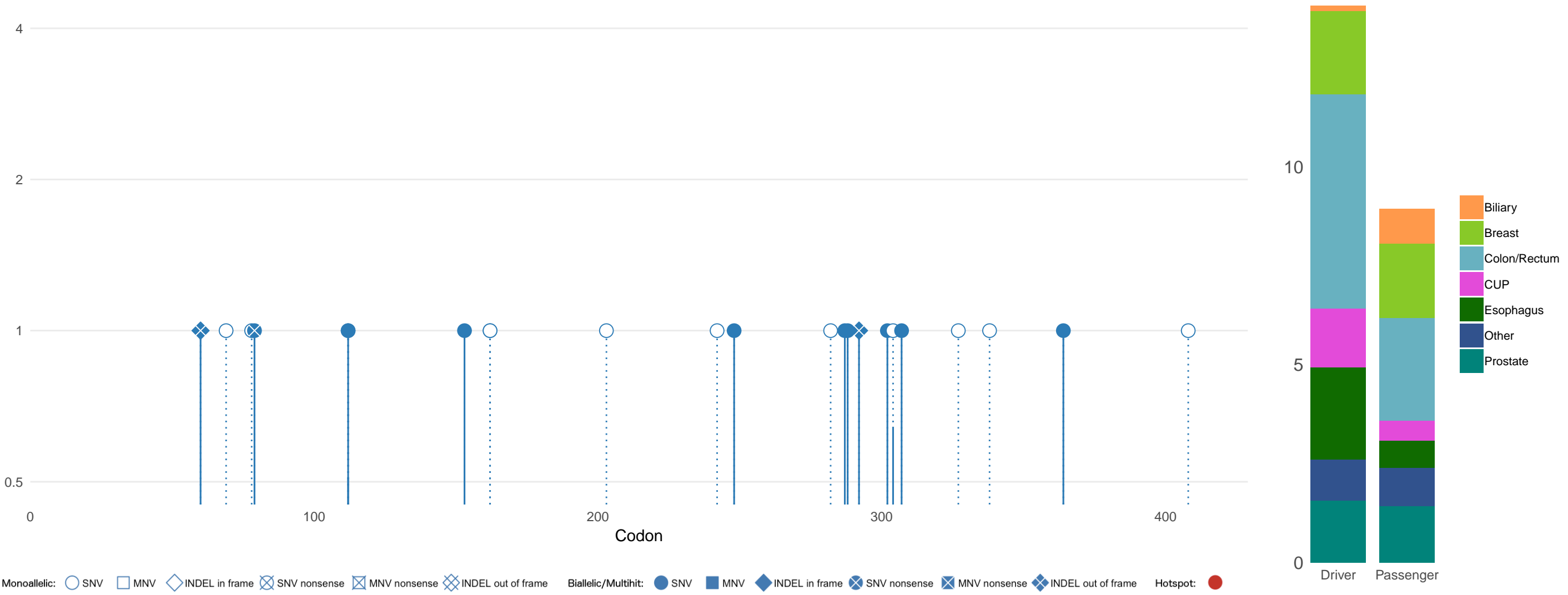
MAP2K4 Variants



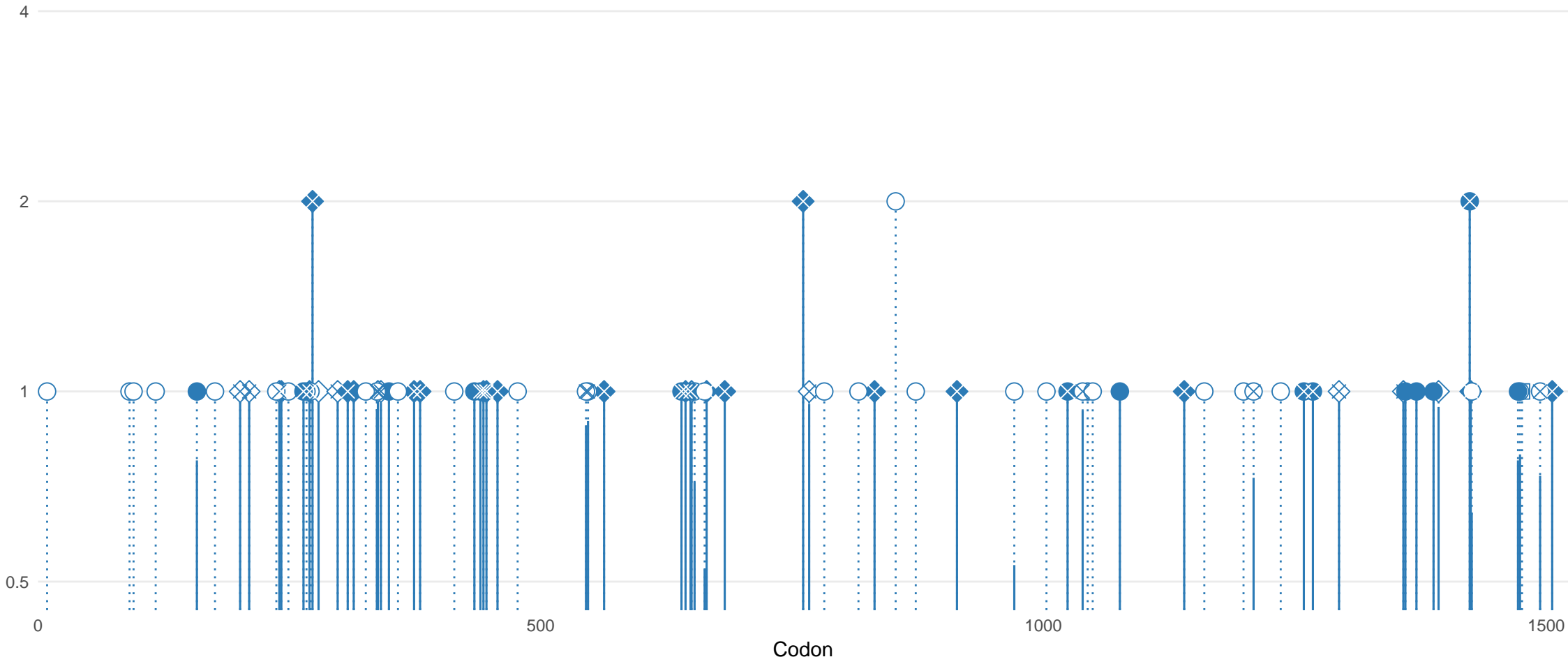
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
 Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
 Hotspot: ●



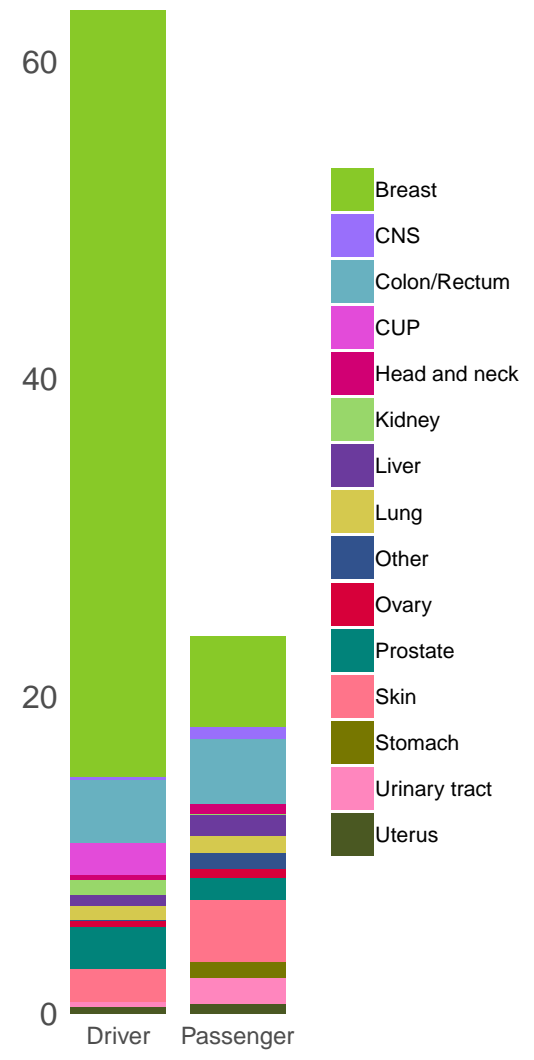
MAP2K7 Variants



MAP3K1 Variants

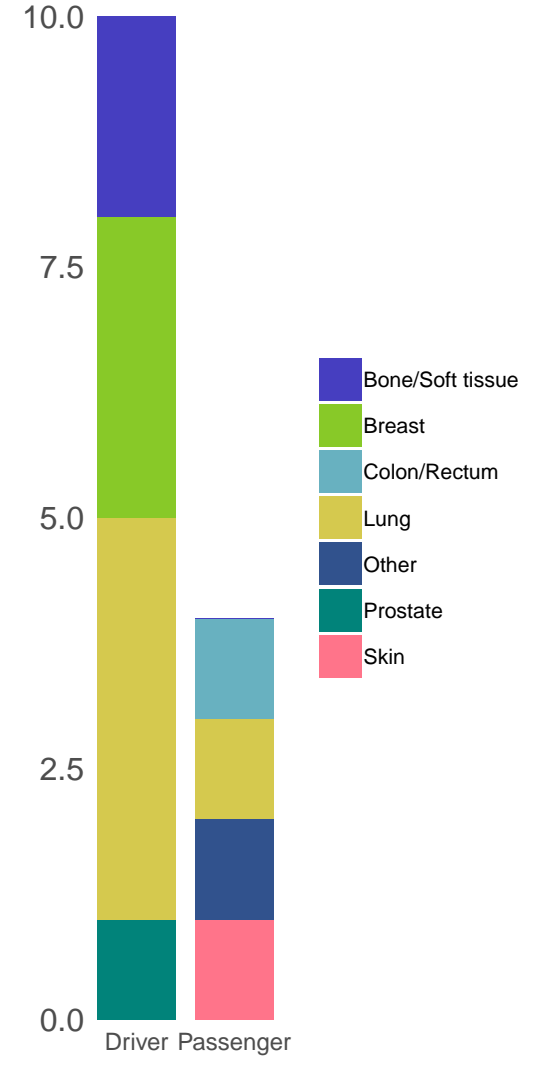
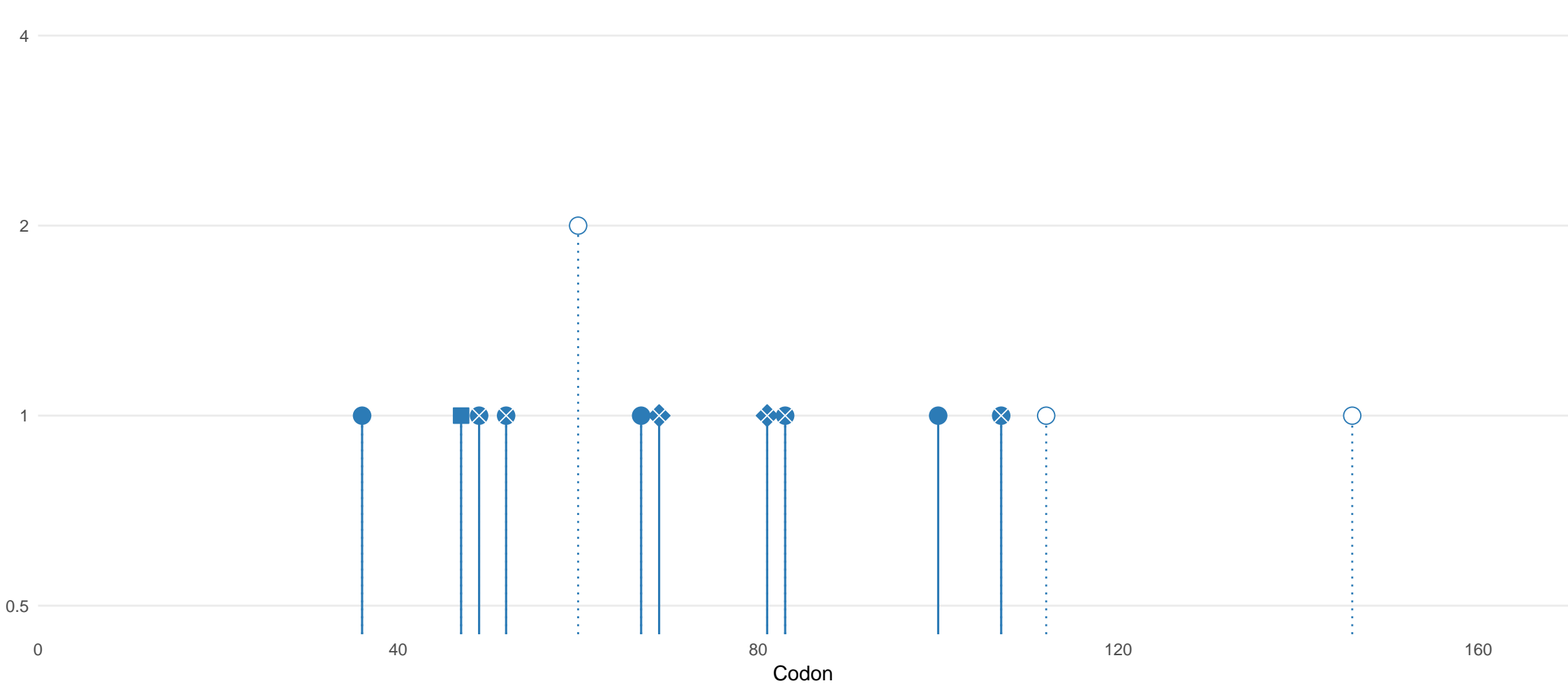


Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●



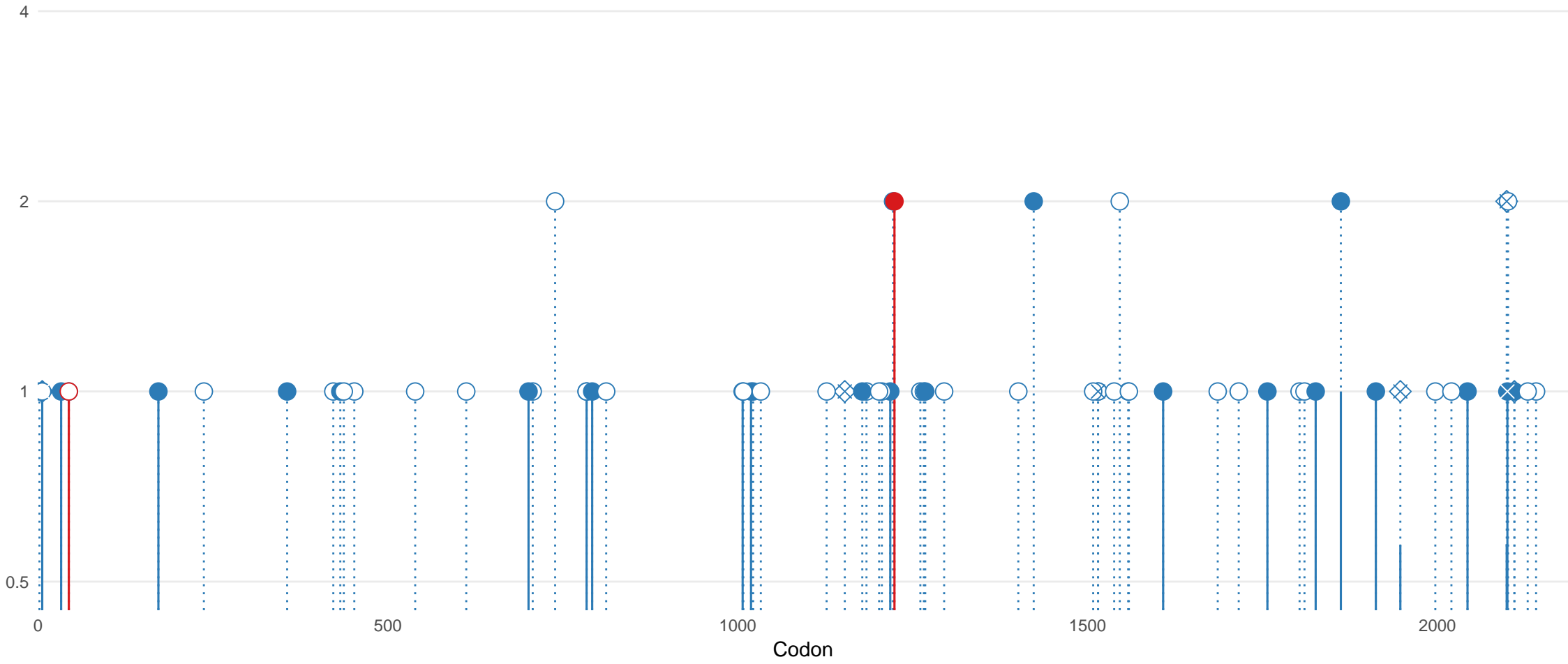
Driver Passenger

MAX Variants

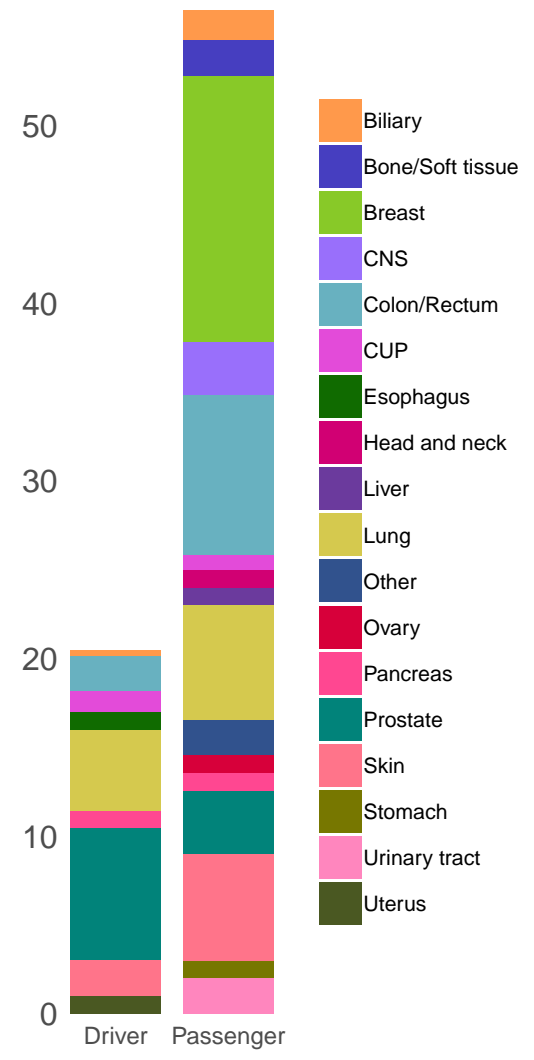


Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
 Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
 Hotspot: ●

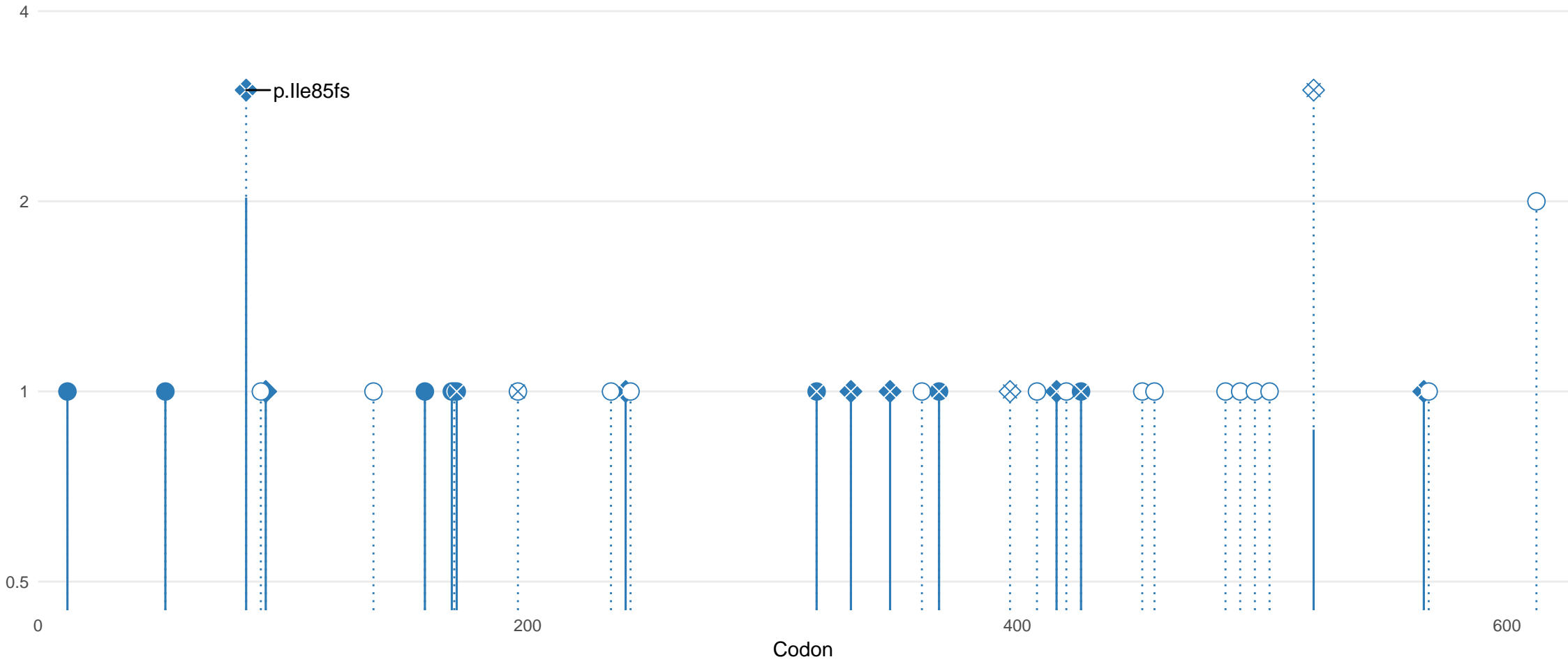
MED12 Variants



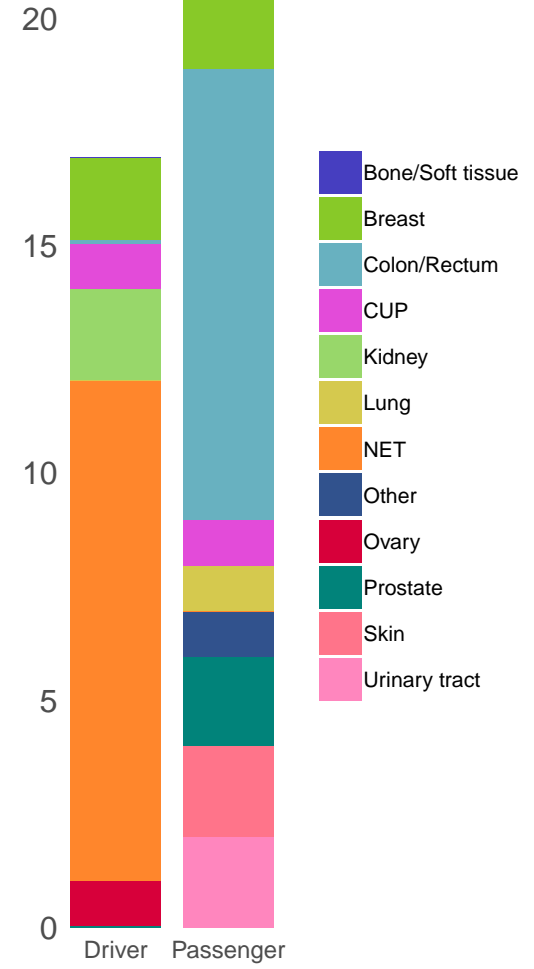
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Hotspot: ●



MEN1 Variants



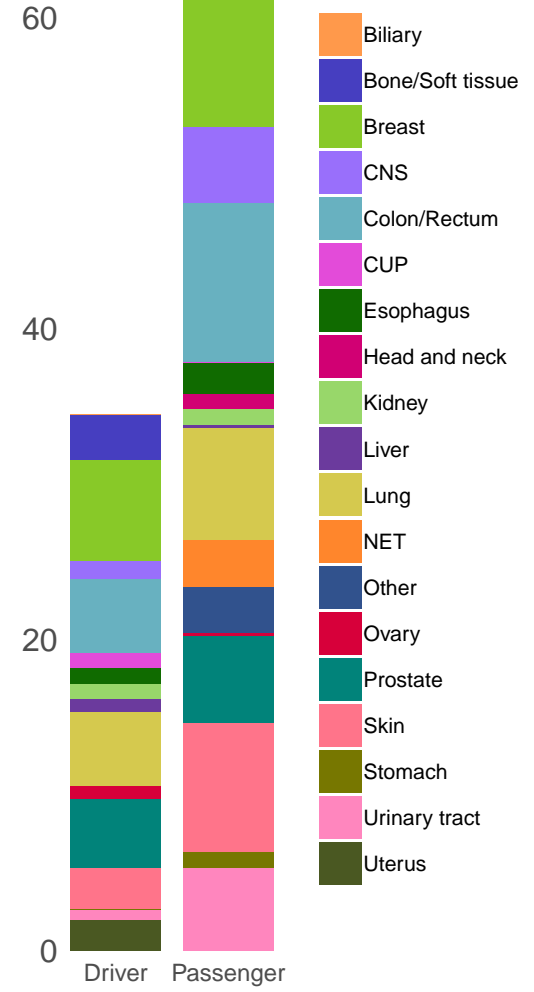
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊠ MNV nonsense ⬠ INDEL out of frame
 Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊠ MNV nonsense ⬠ INDEL out of frame Hotspot: ●



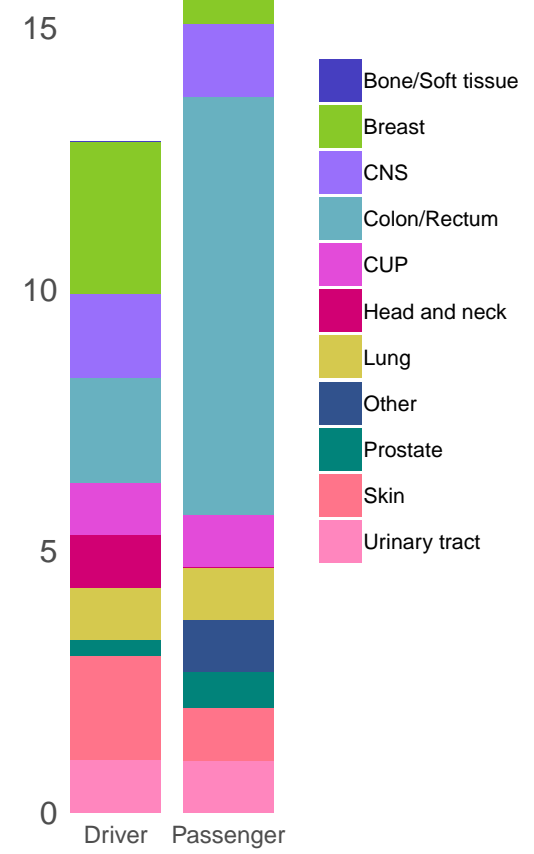
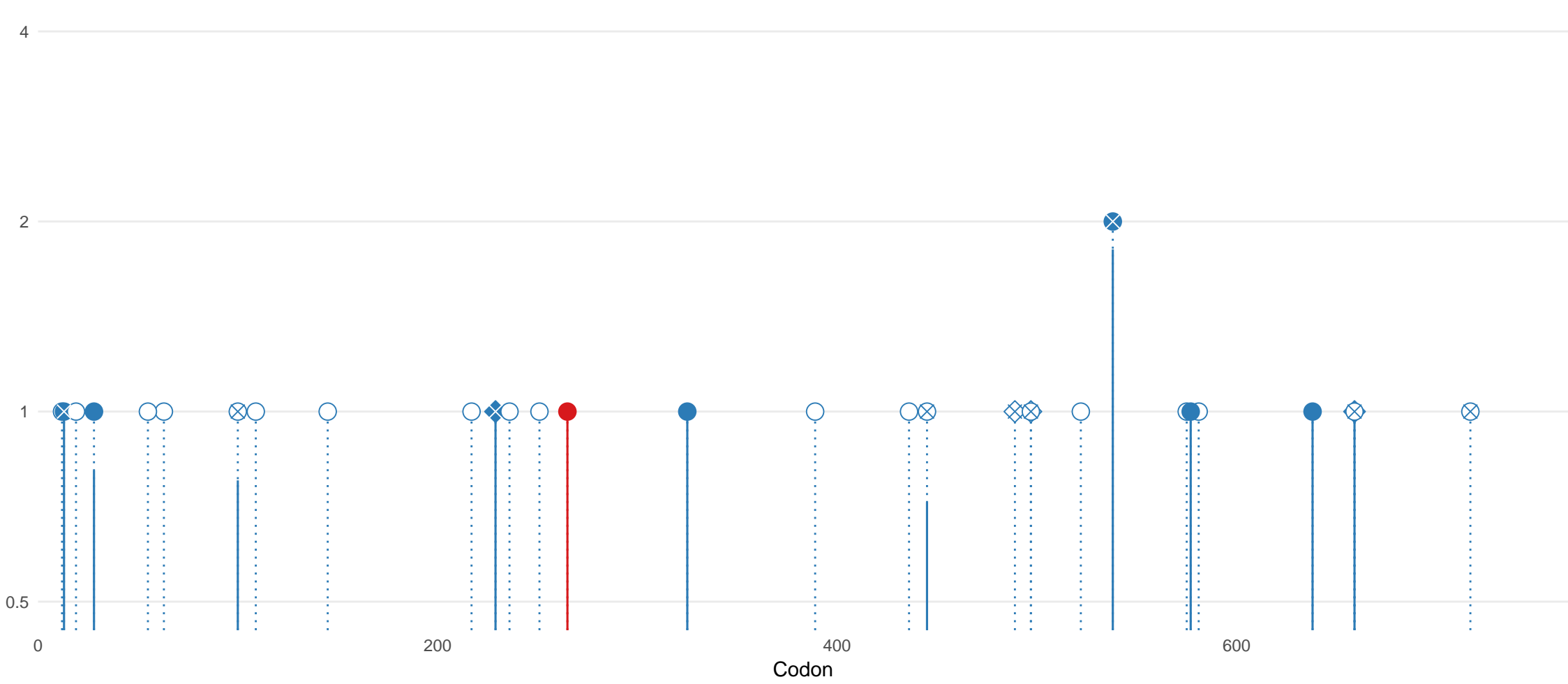
MGA Variants



Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●

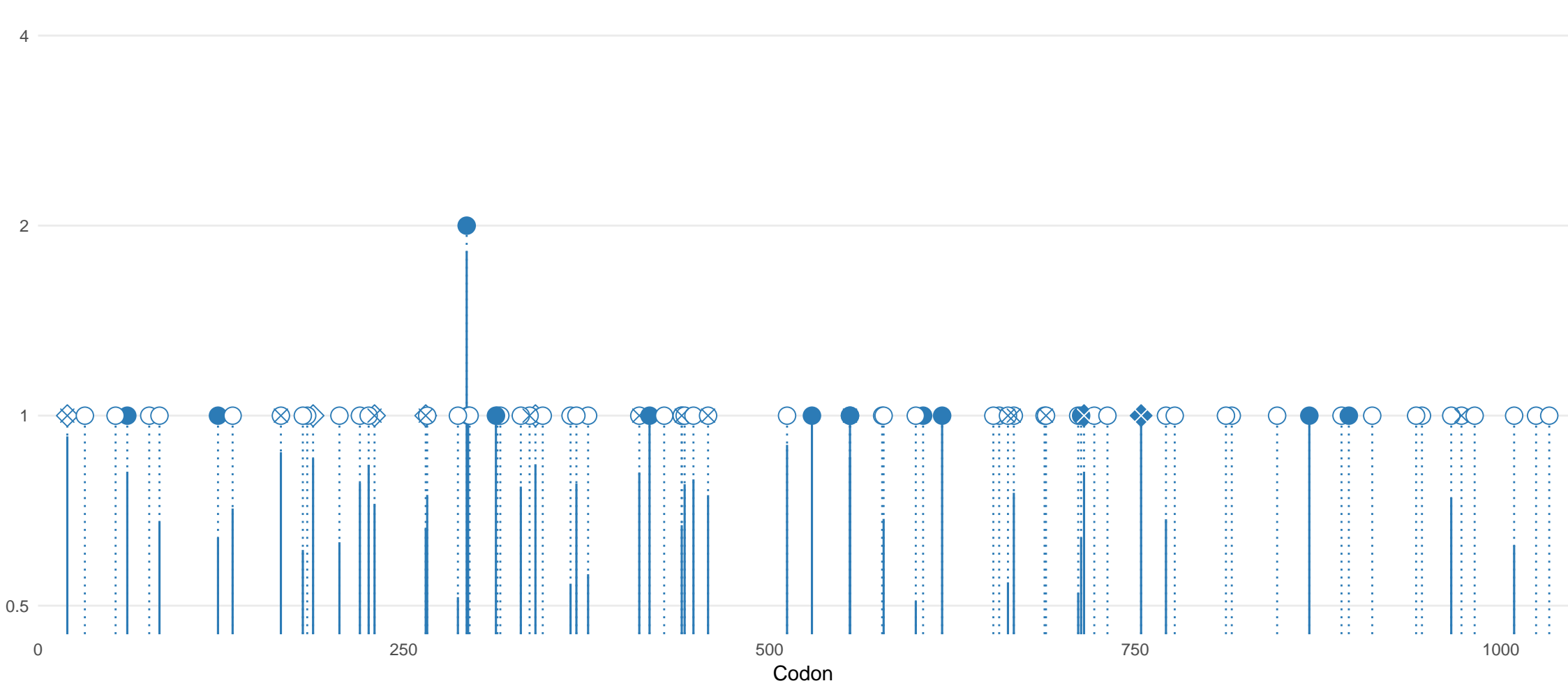


MLH1 Variants

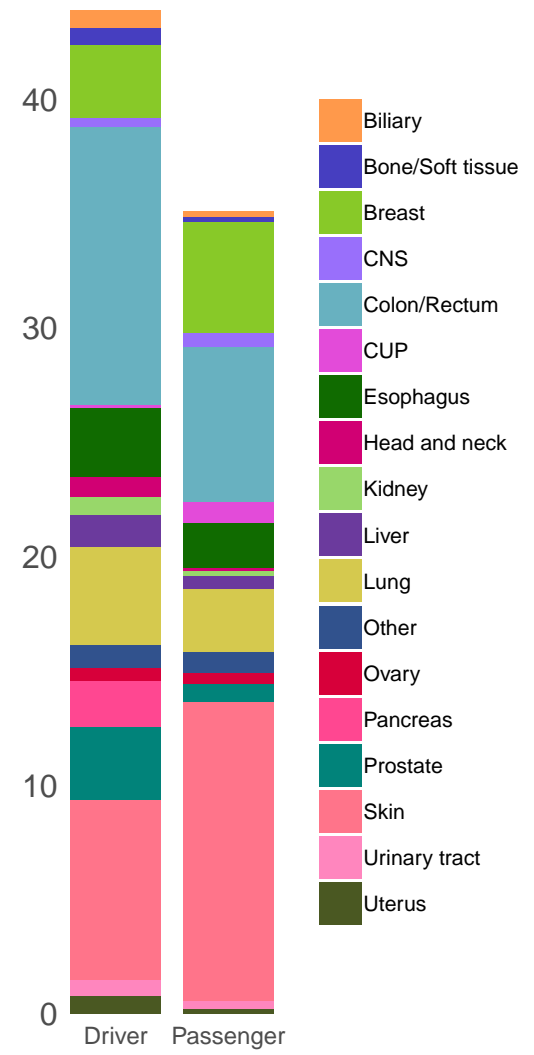


Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
 Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
 Hotspot: ●

MLK4 Variants

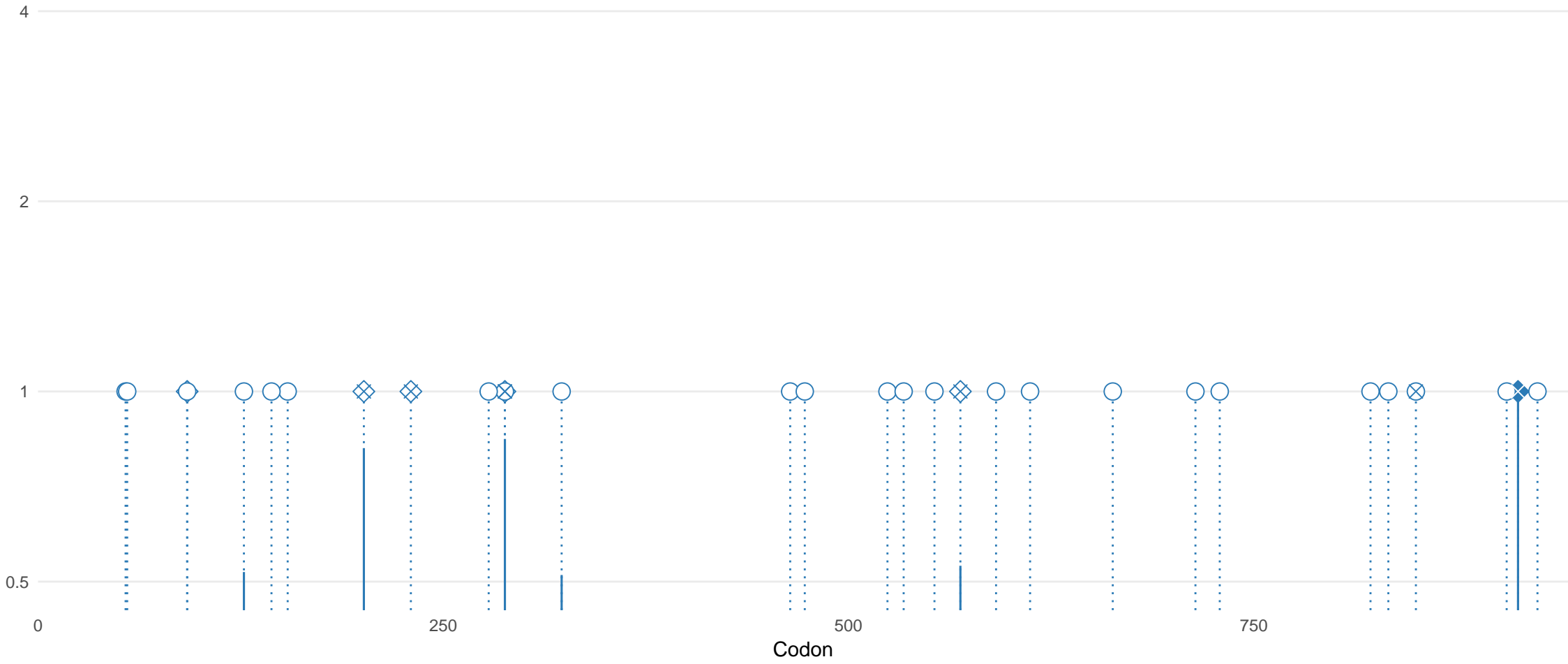


Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●

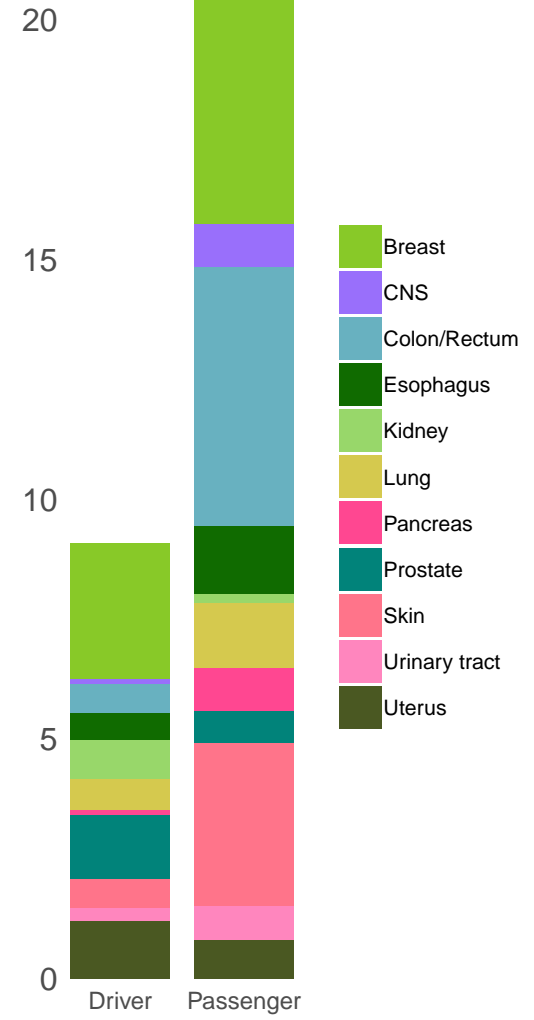


Driver Passenger

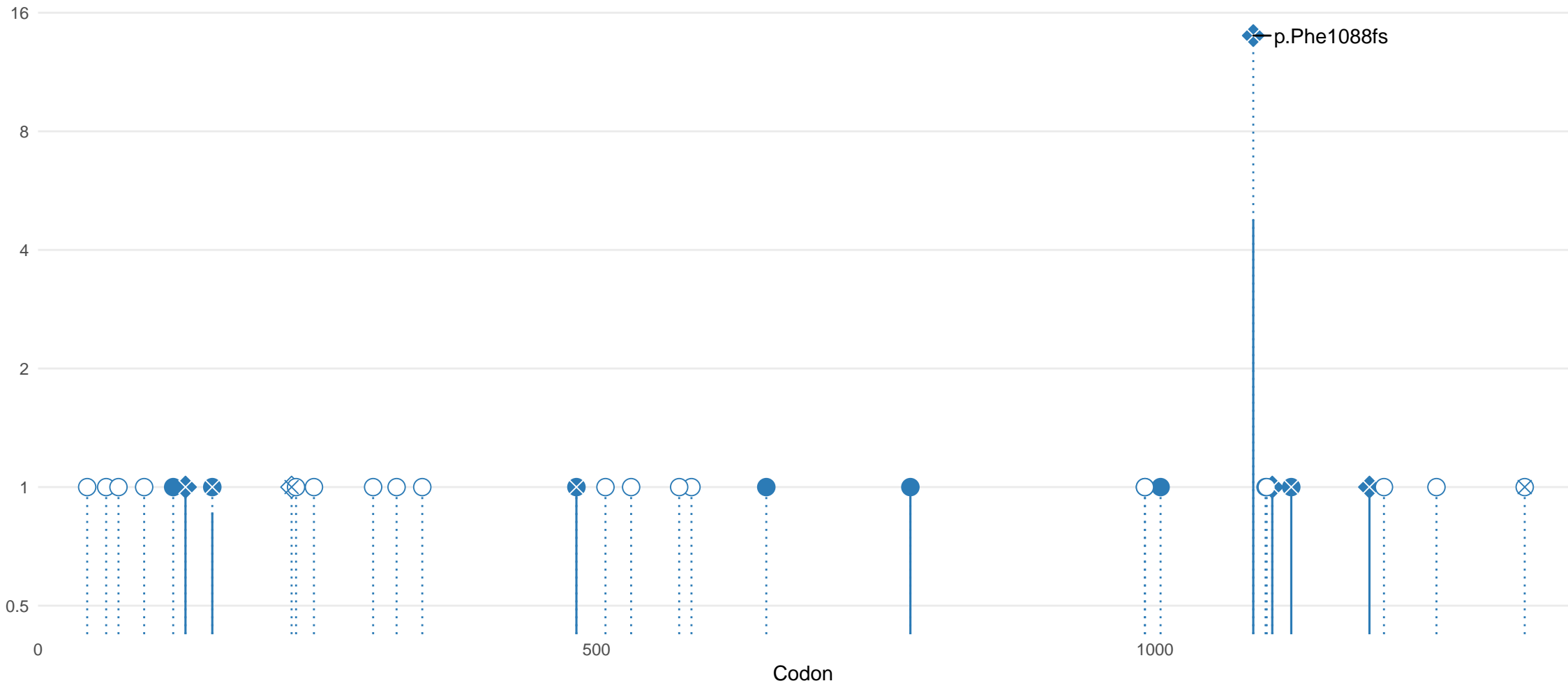
MSH2 Variants



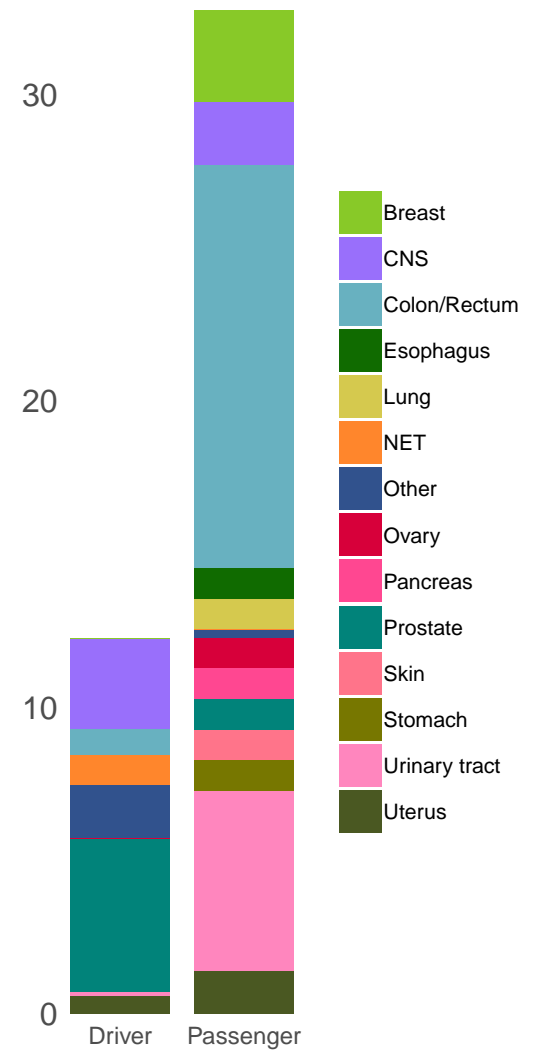
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●



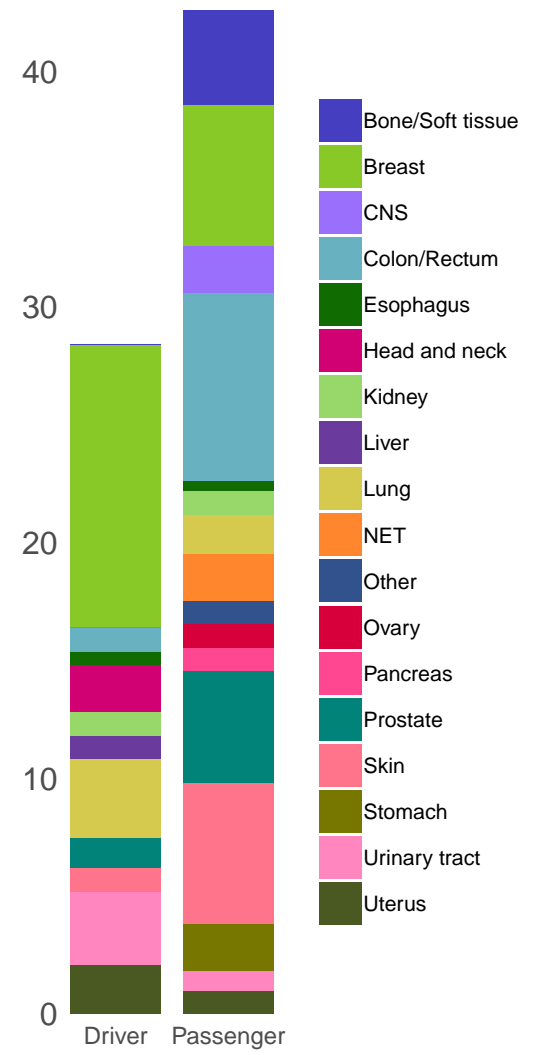
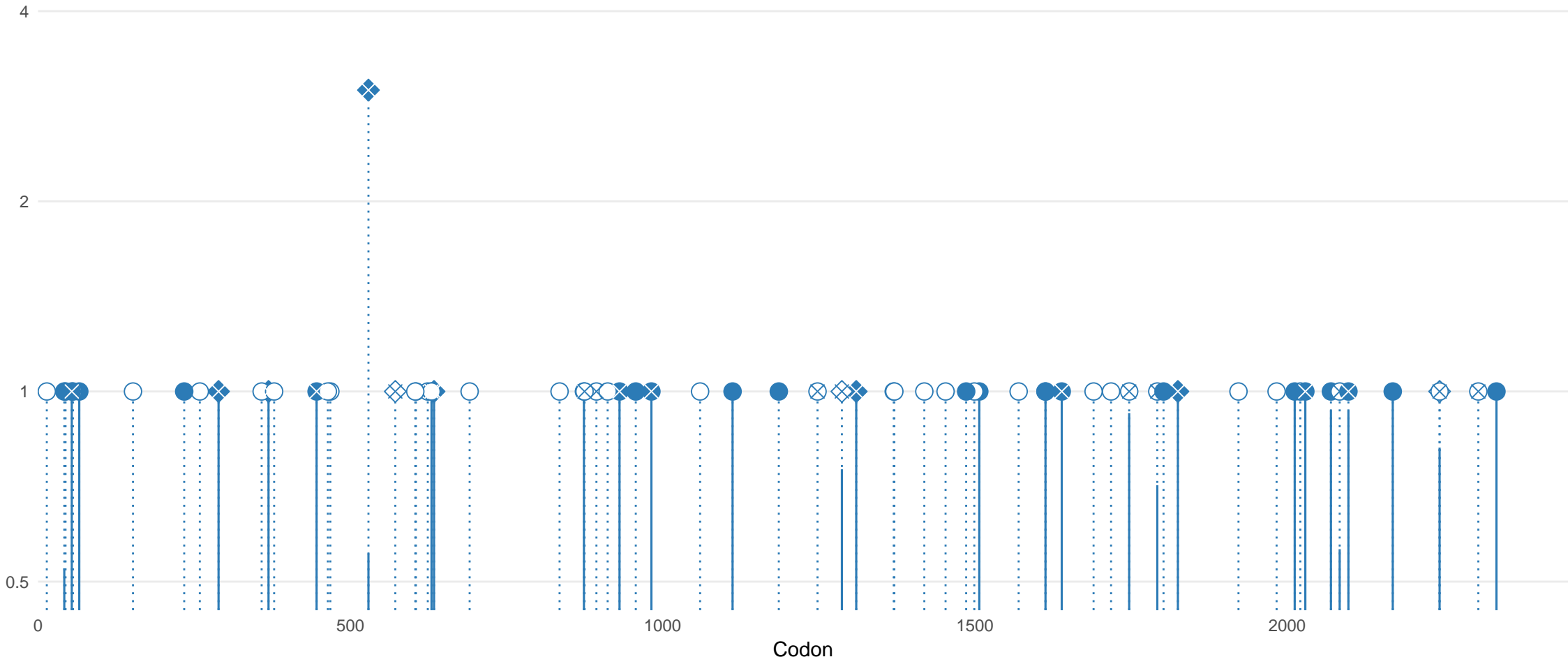
MSH6 Variants



Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●

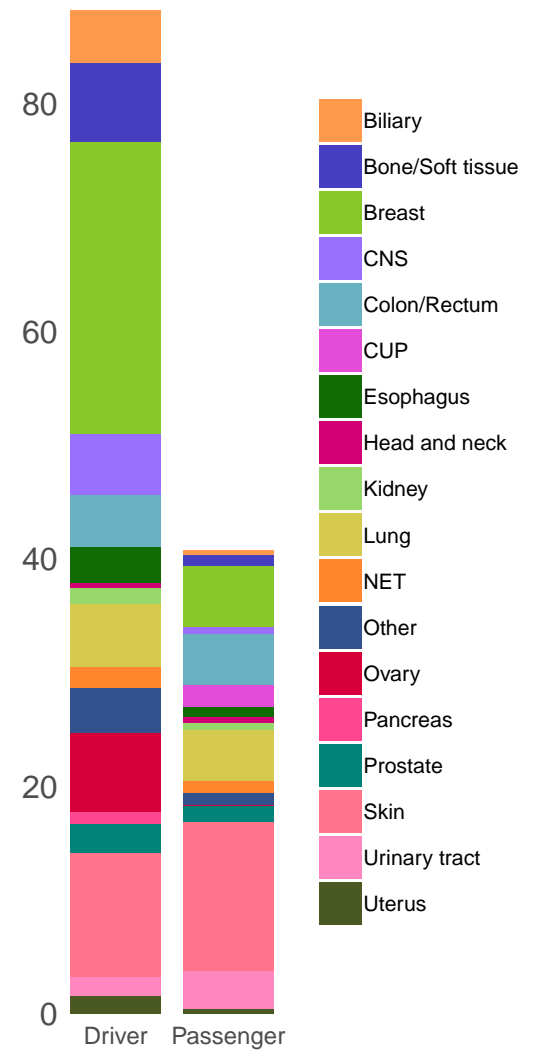
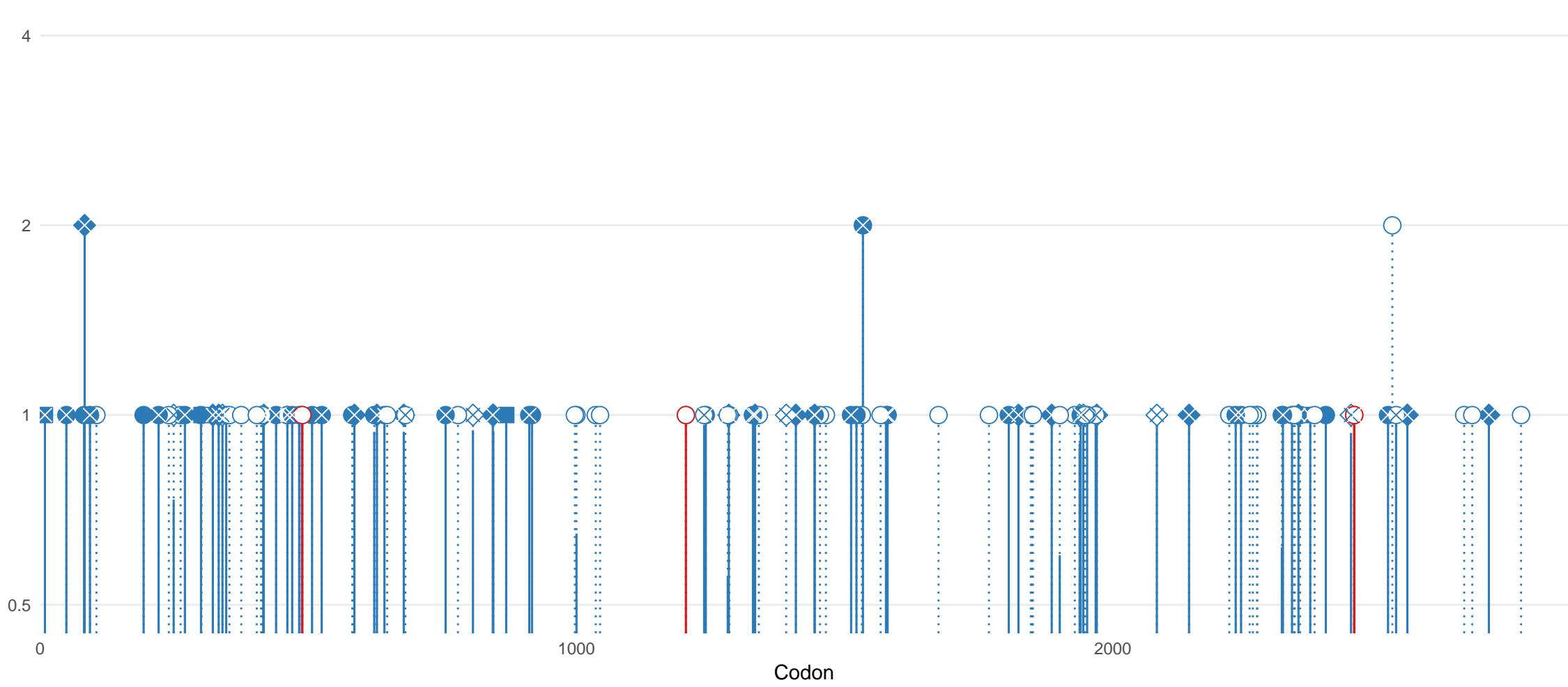


NCOR1 Variants

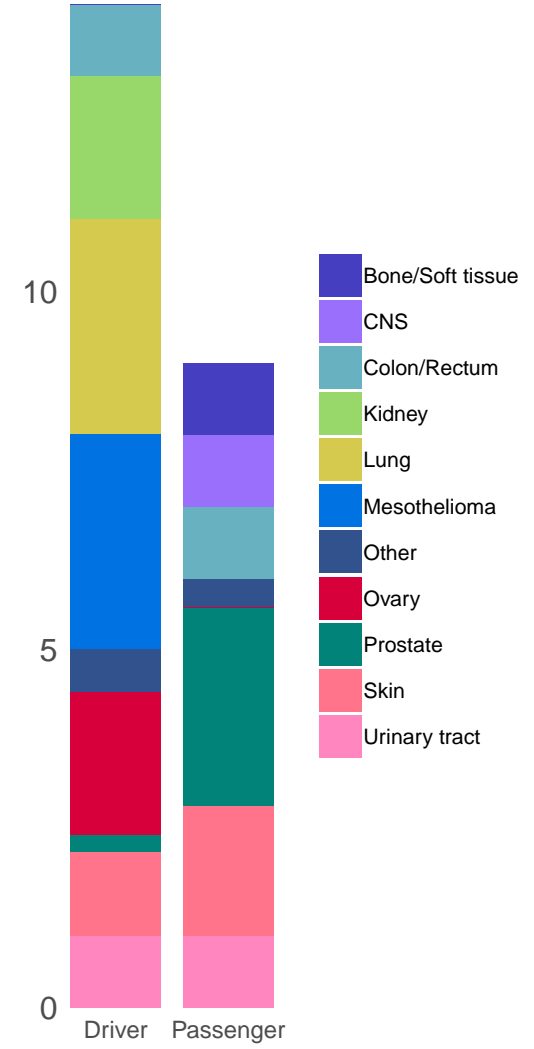
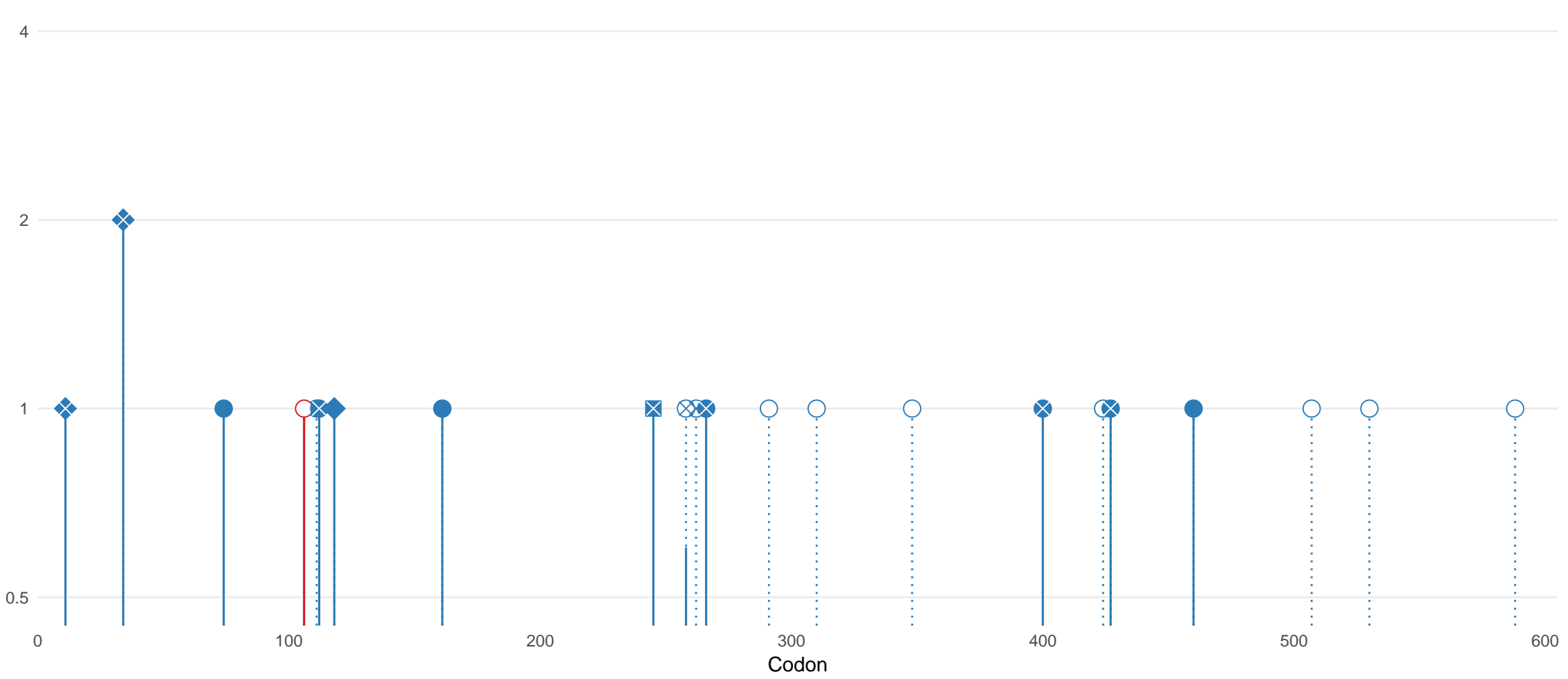


Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●

NF1 Variants

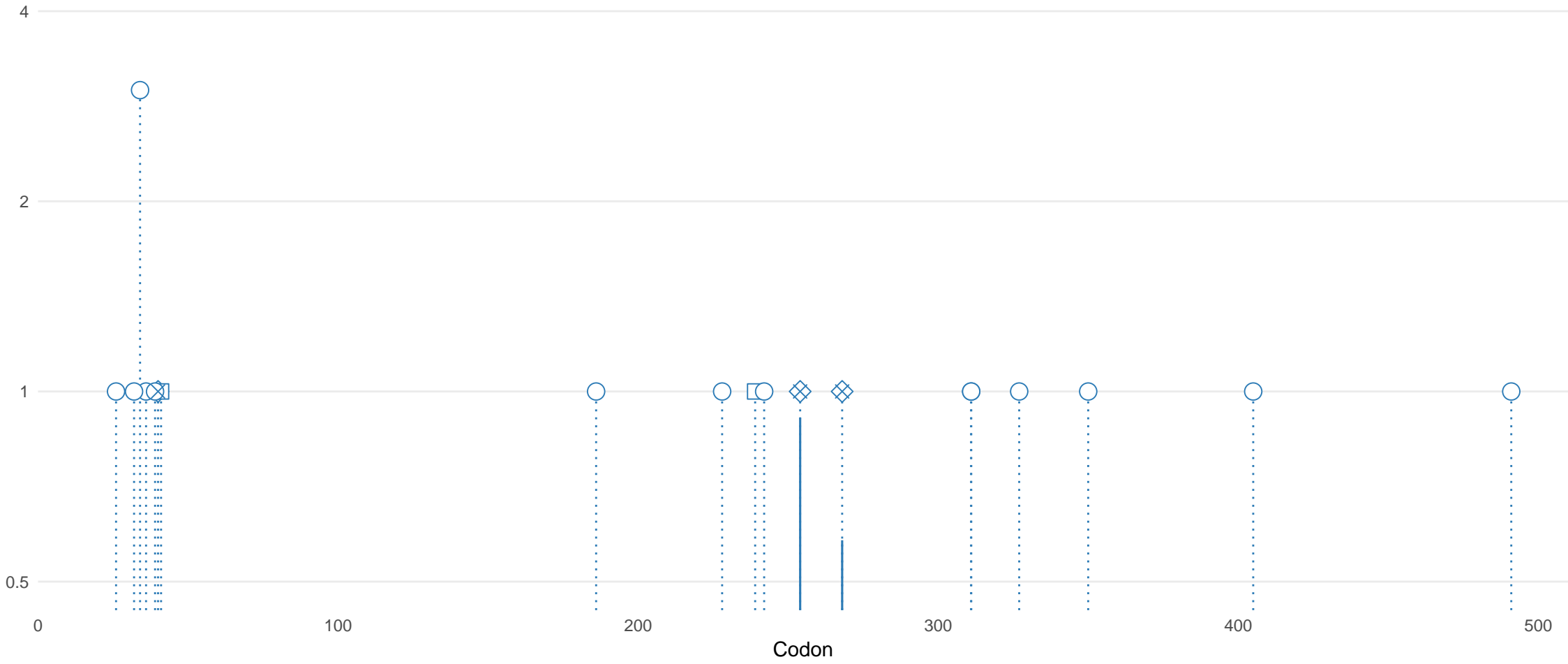


NF2 Variants

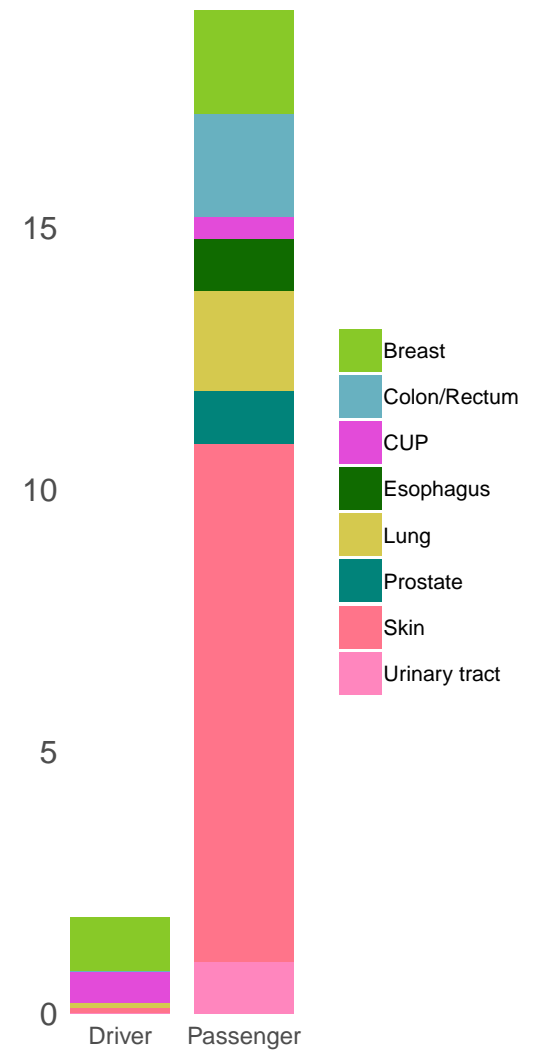


Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame Hotspot: ●

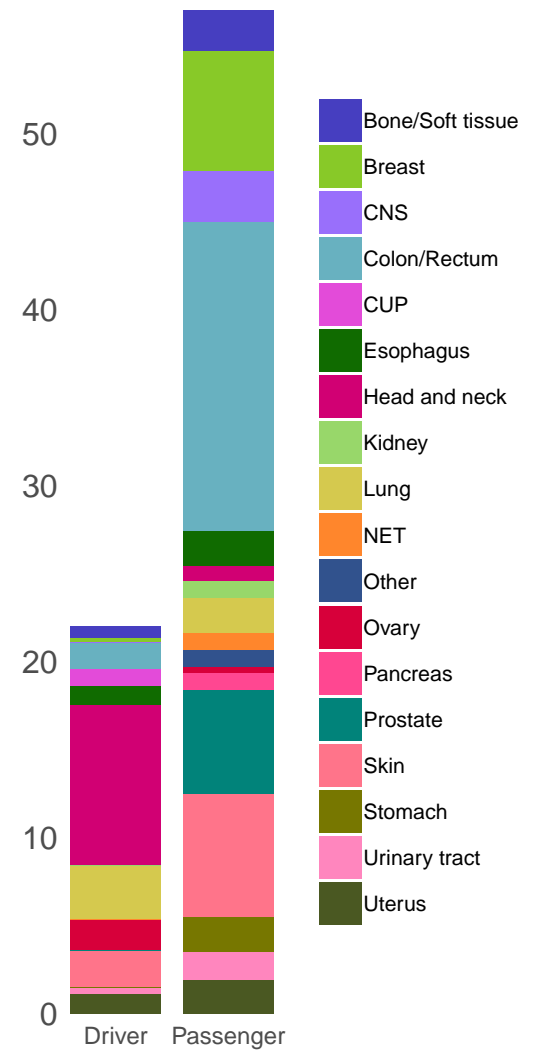
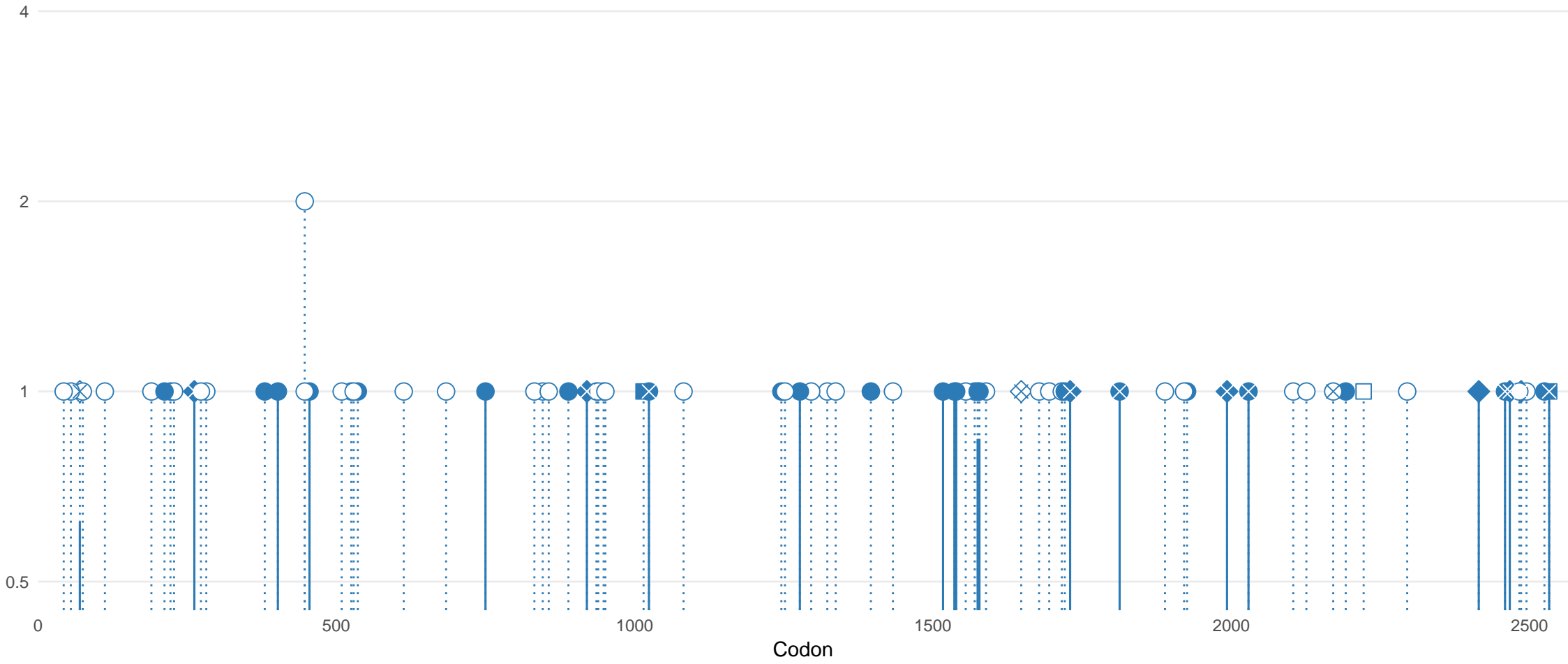
NFKBIE Variants



Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●

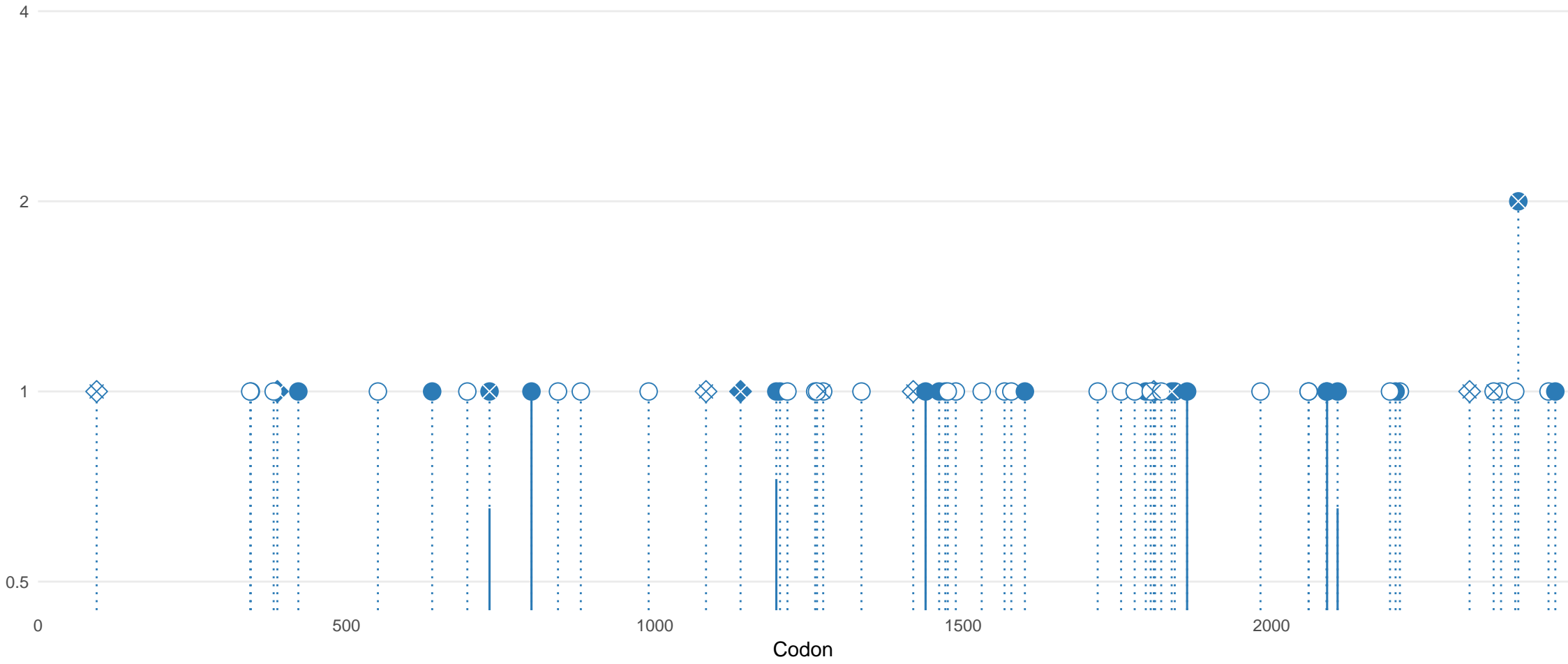


NOTCH1 Variants

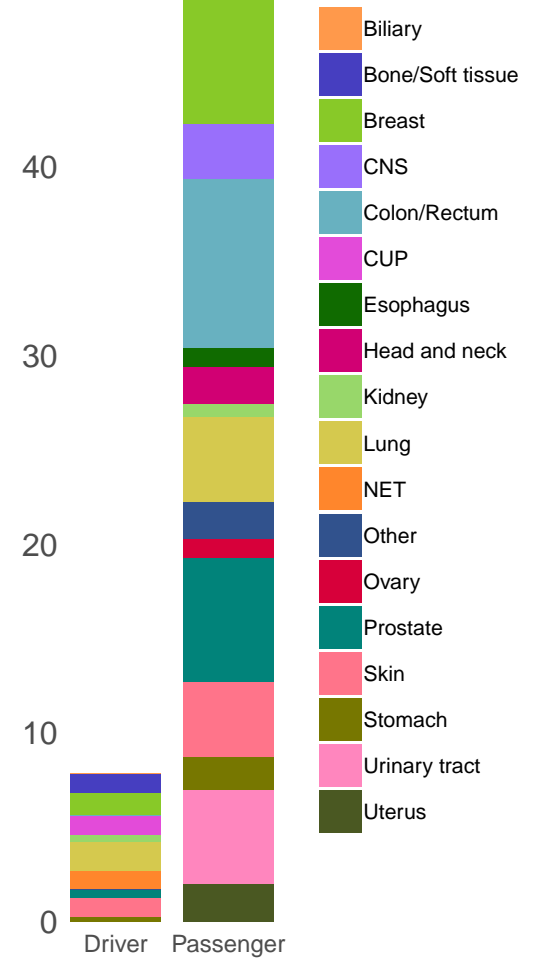


Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●

NOTCH2 Variants

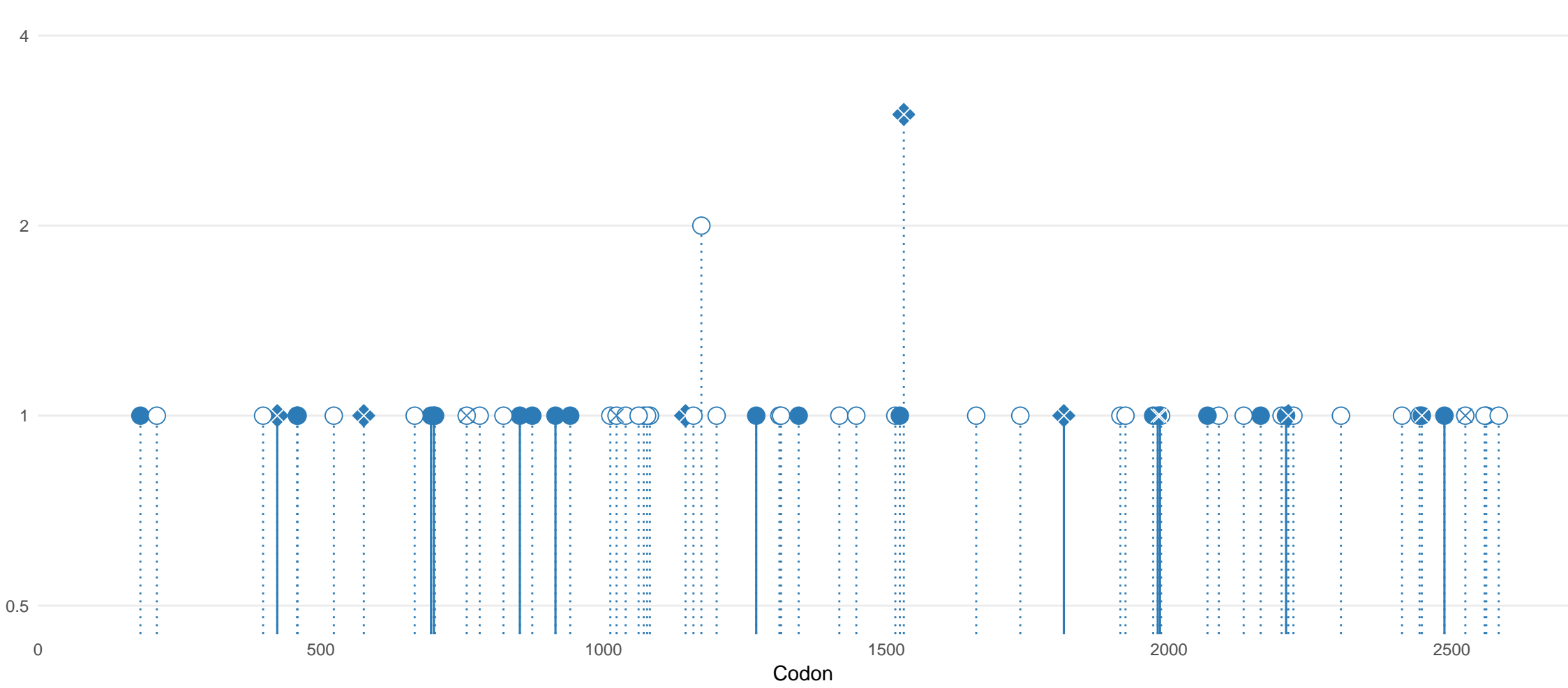


Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●

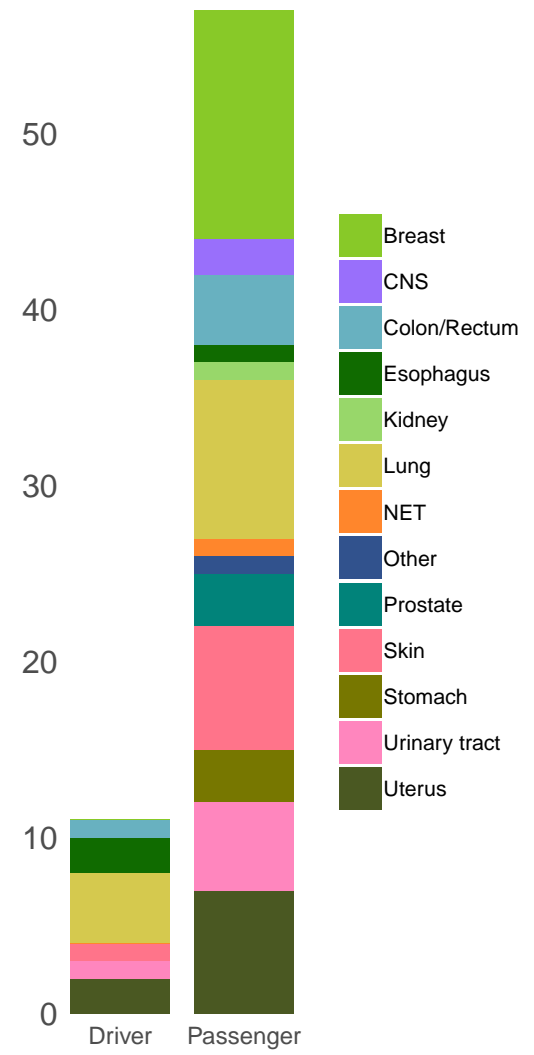


Driver Passenger

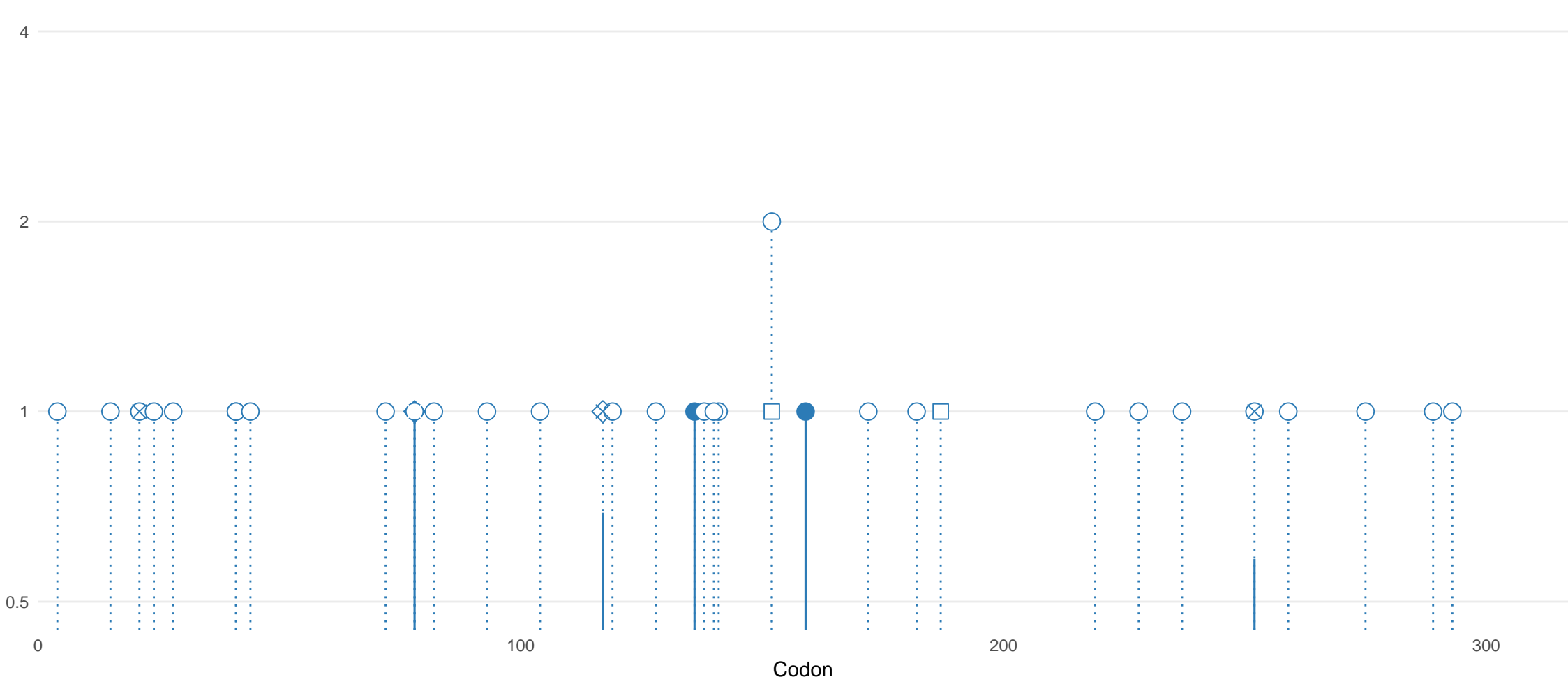
NSD1 Variants



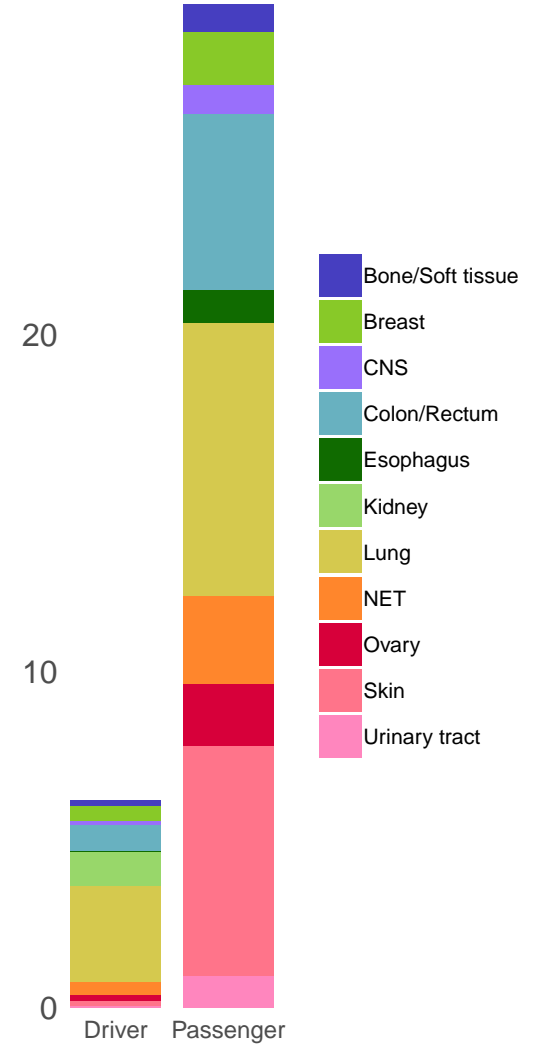
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●



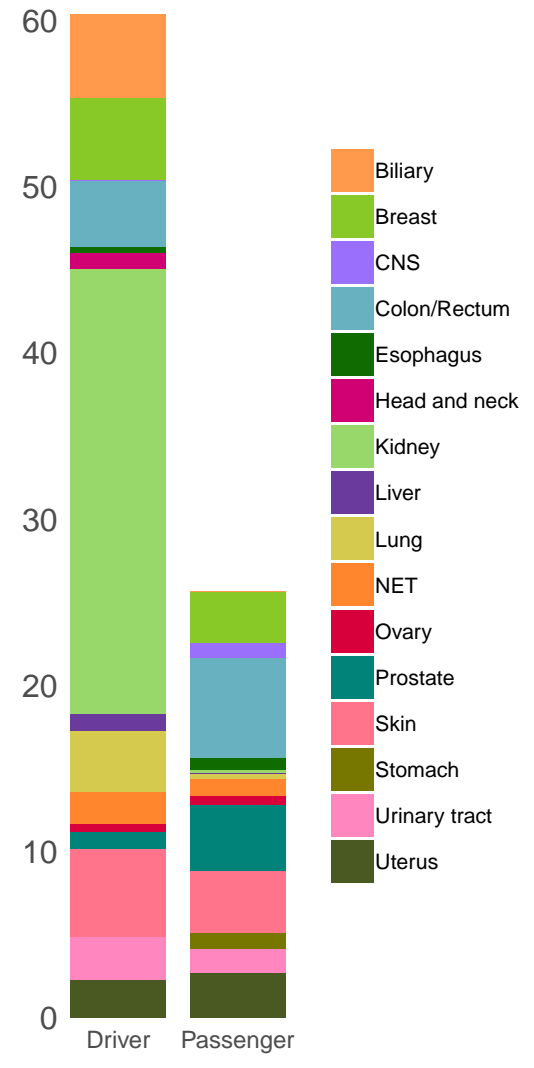
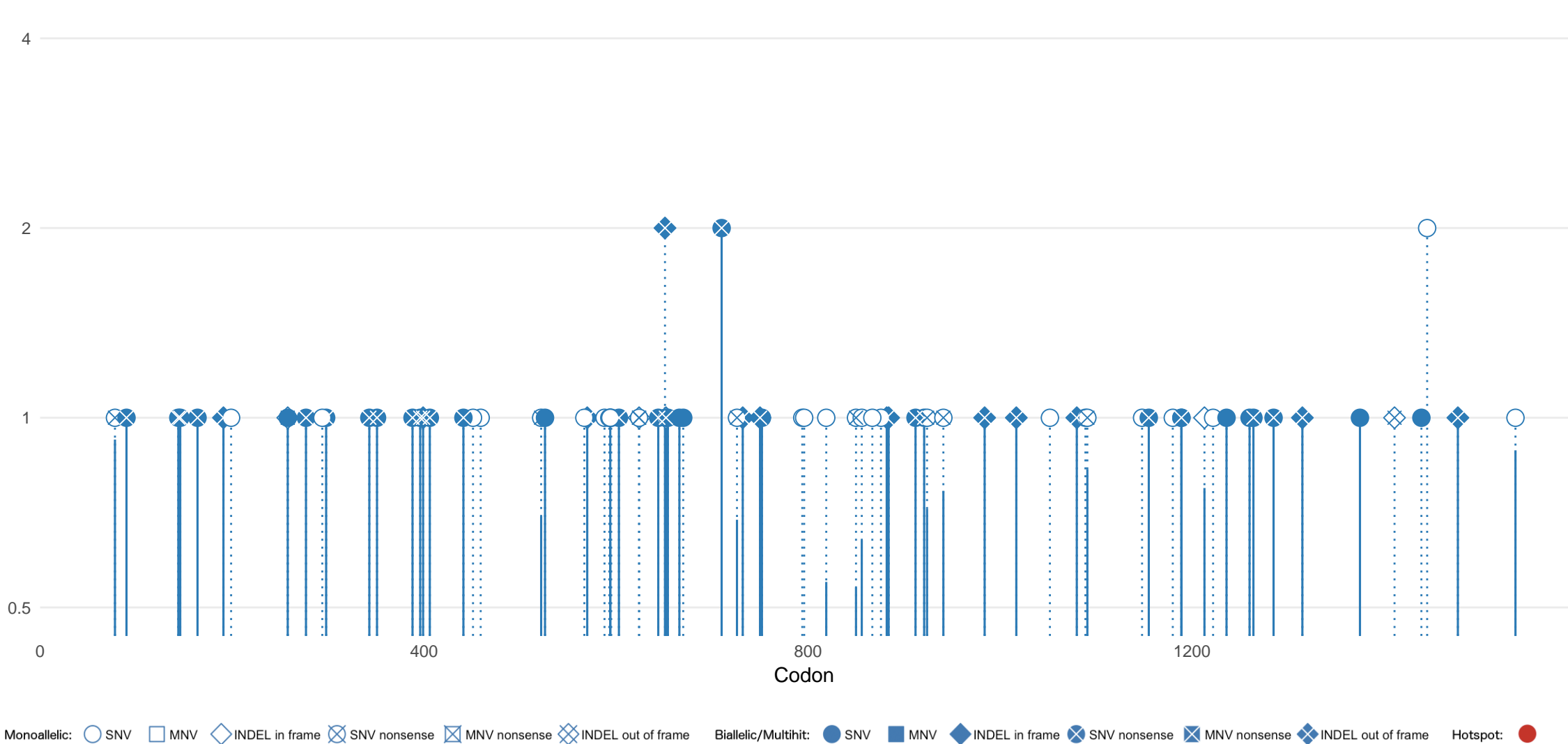
OR4N2 Variants



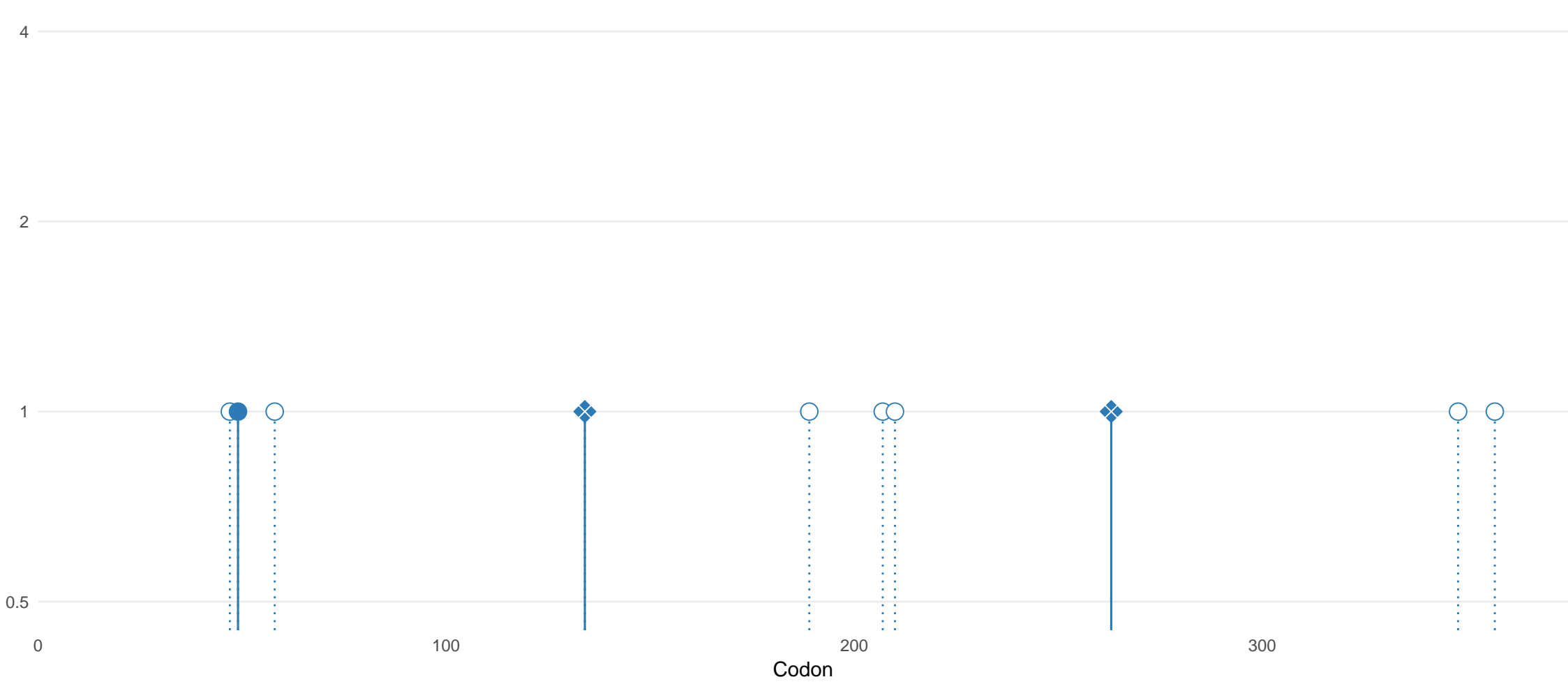
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
 Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
 Hotspot: ●



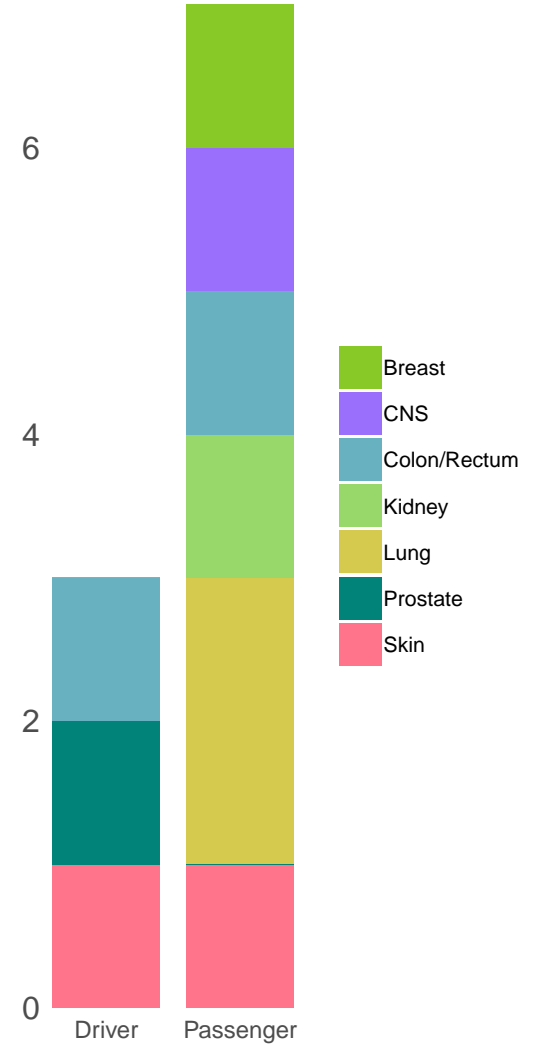
PBRM1 Variants



PHF6 Variants

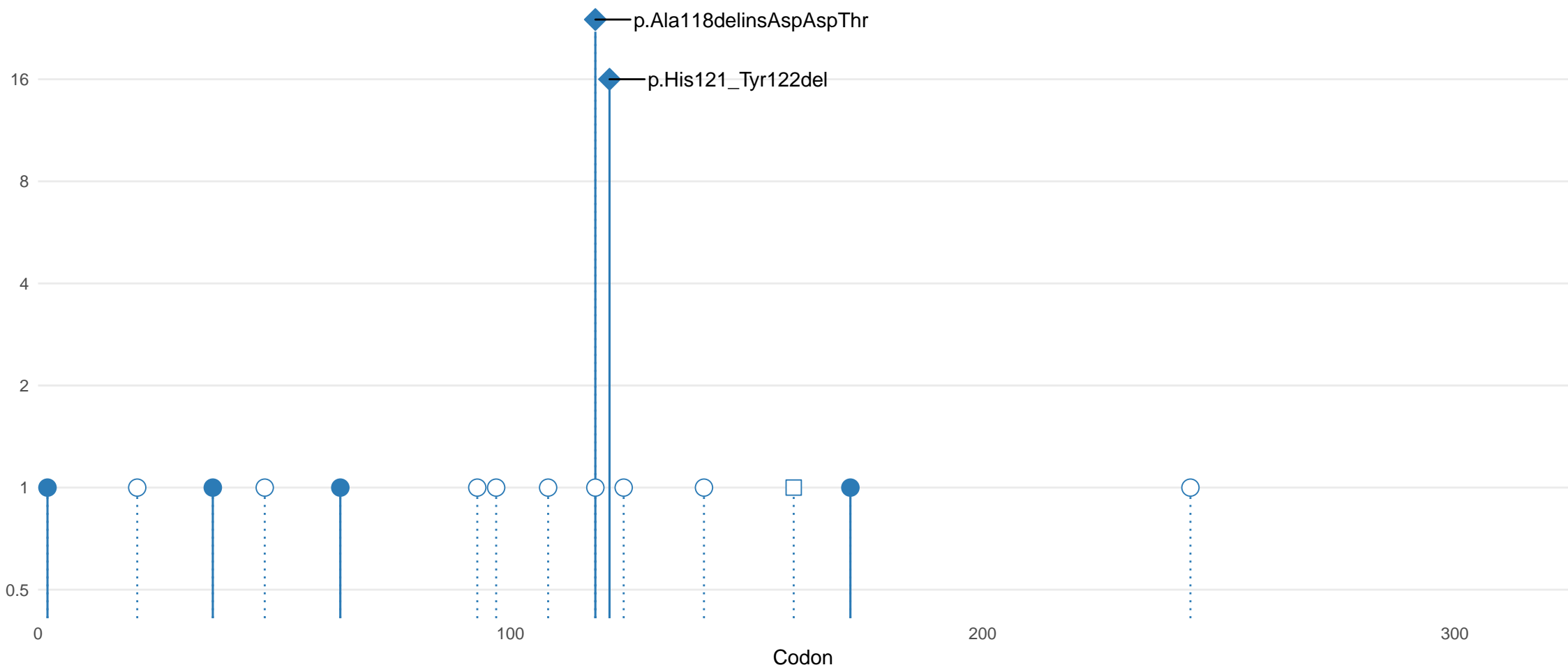


Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●

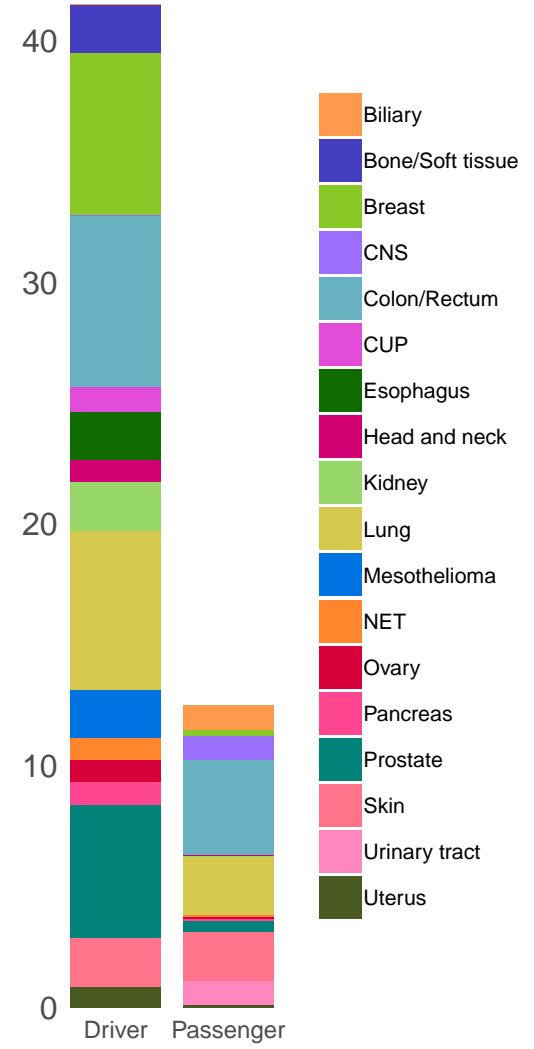


■ Breast
■ CNS
■ Colon/Rectum
■ Kidney
■ Lung
■ Prostate
■ Skin

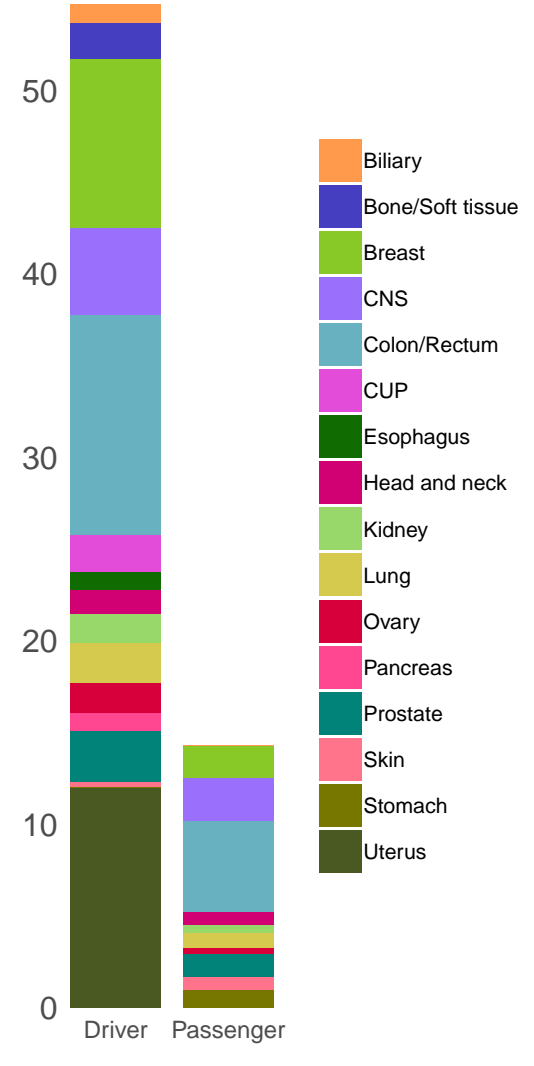
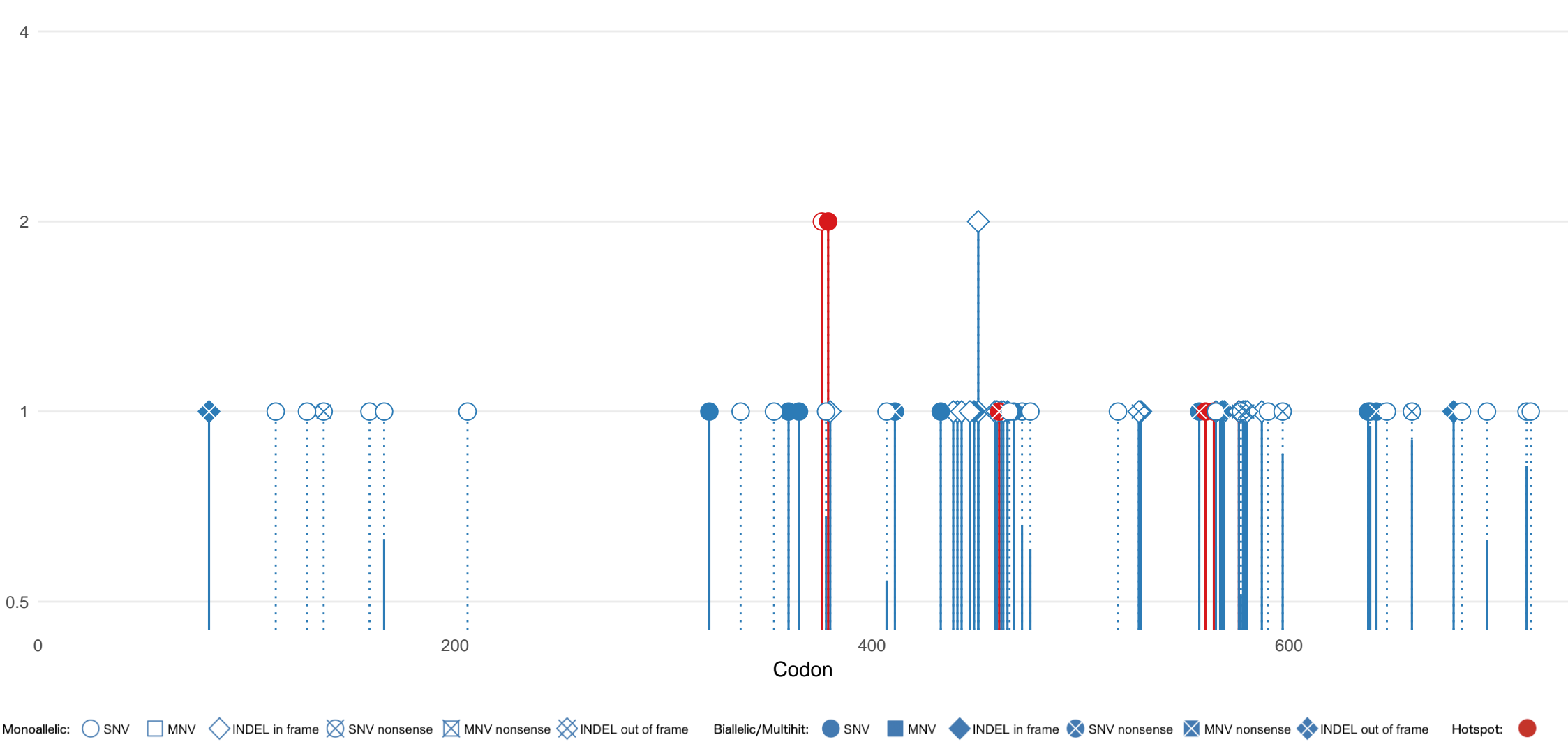
PHOX2B Variants



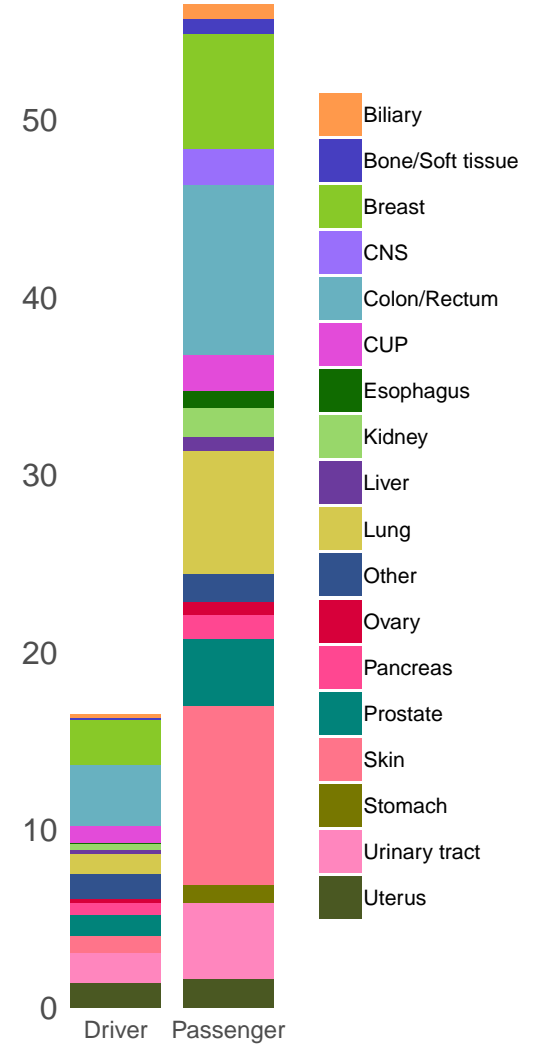
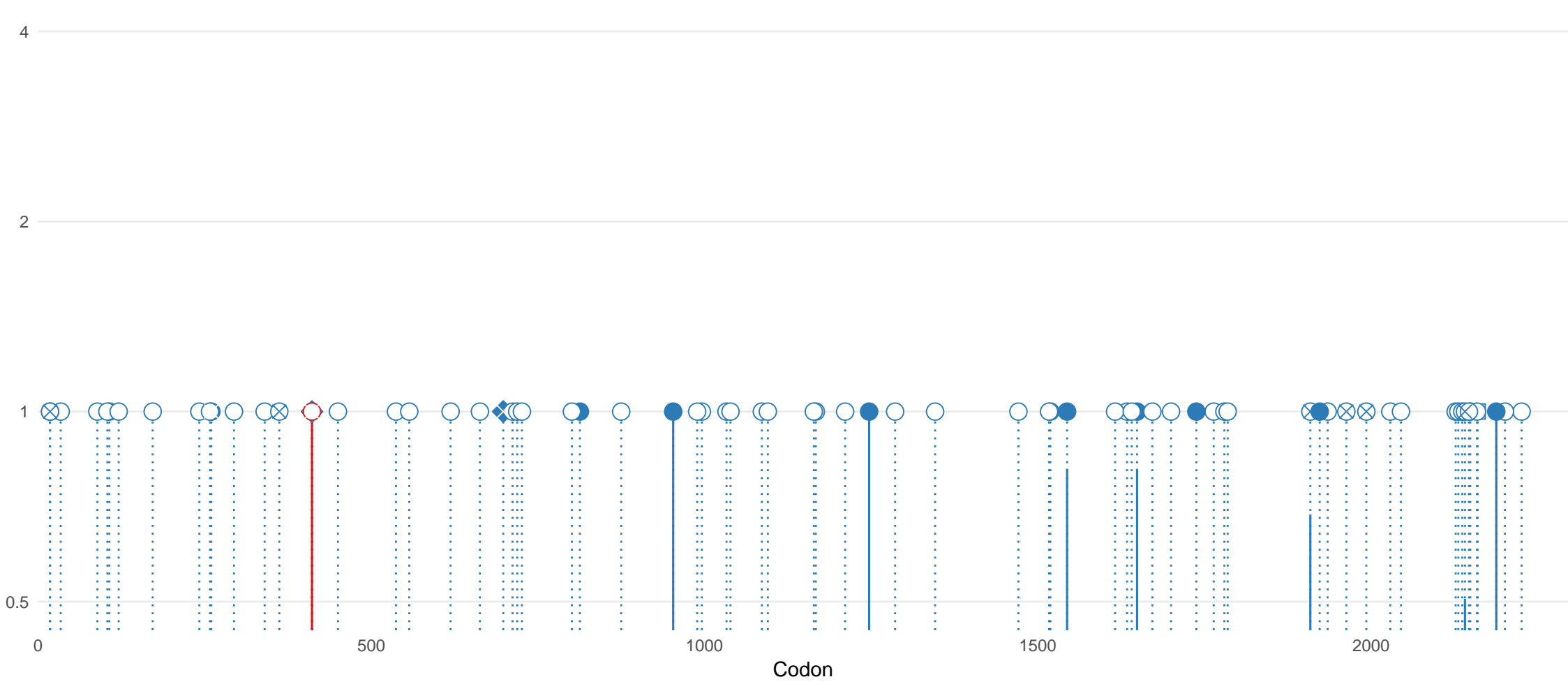
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
 Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame Hotspot: ●



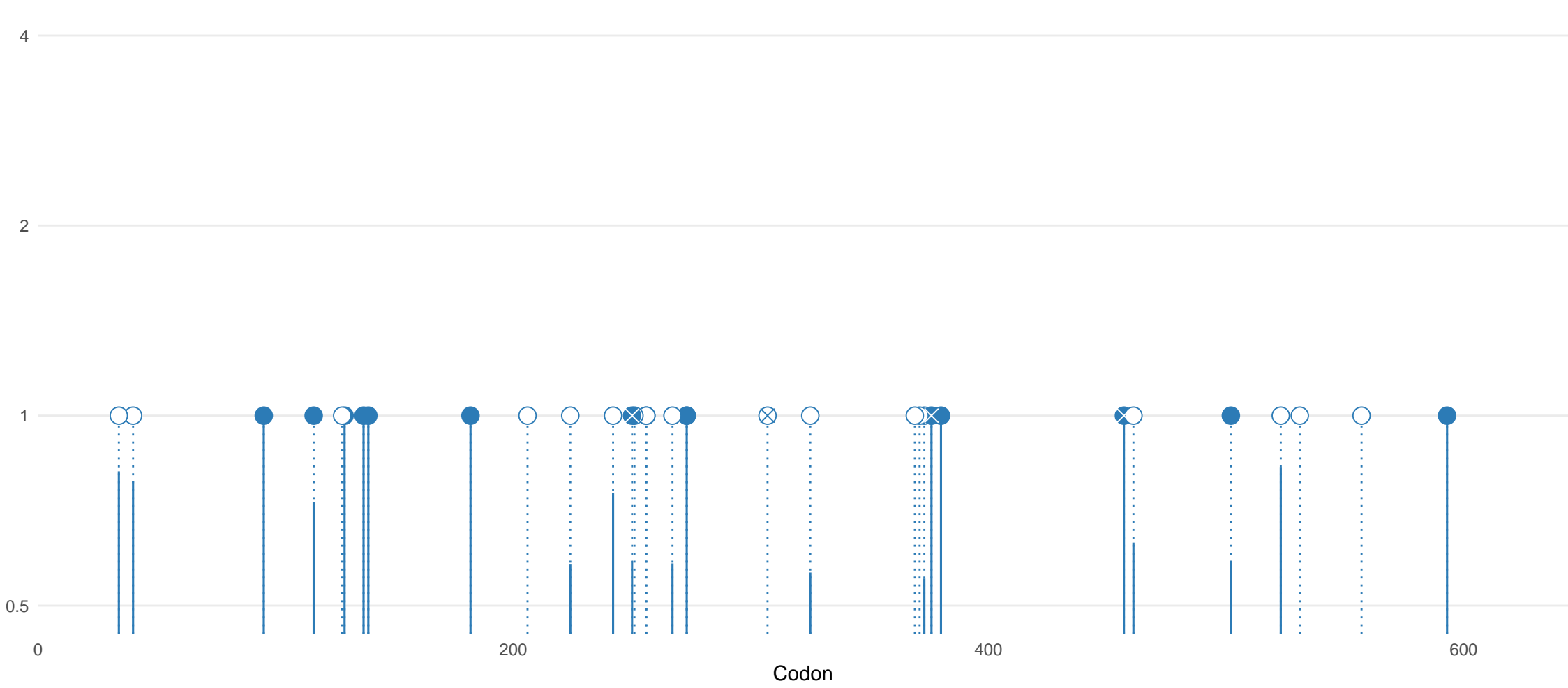
PIK3R1 Variants



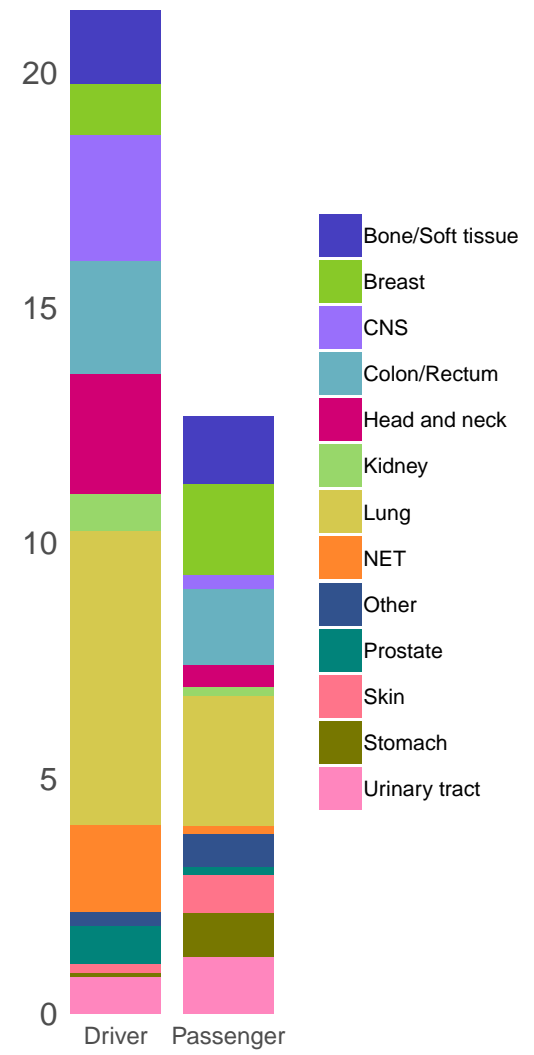
POLE Variants



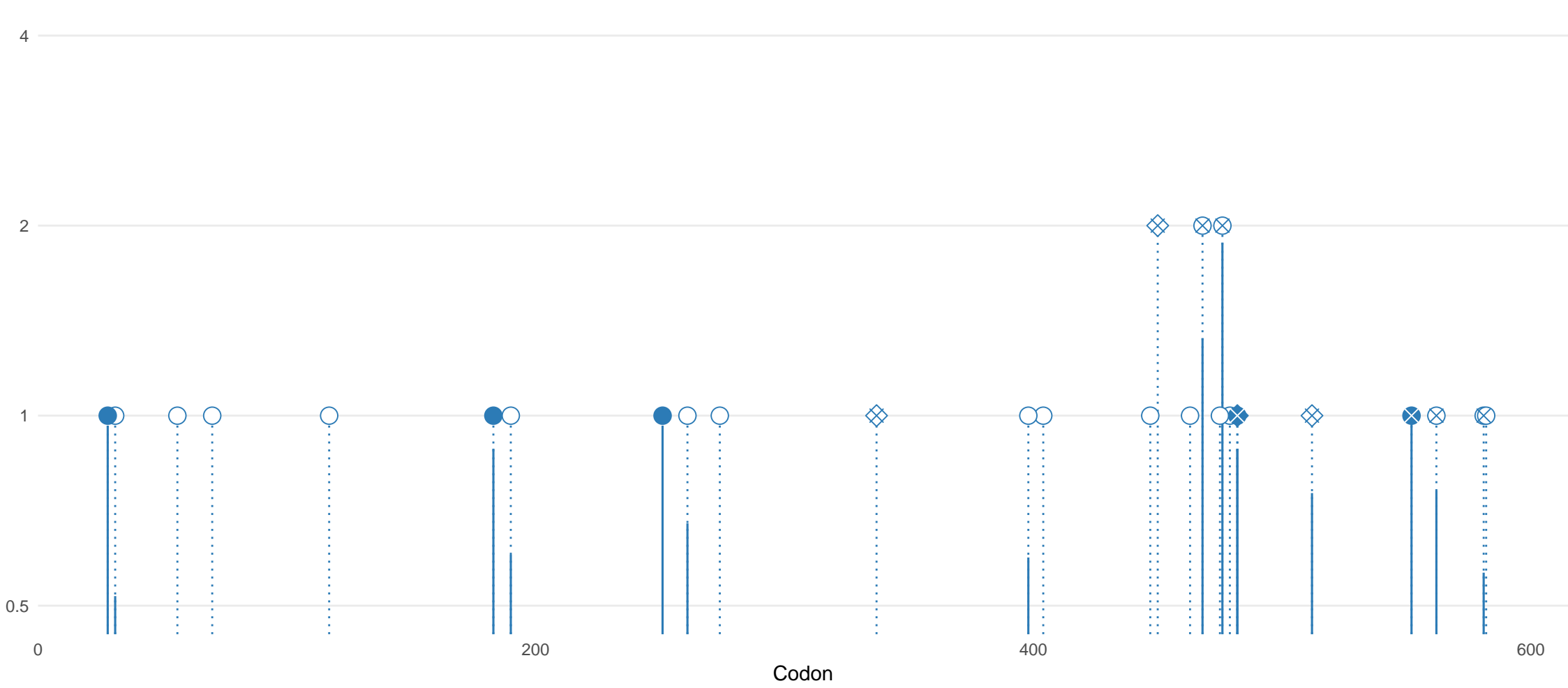
POT1 Variants



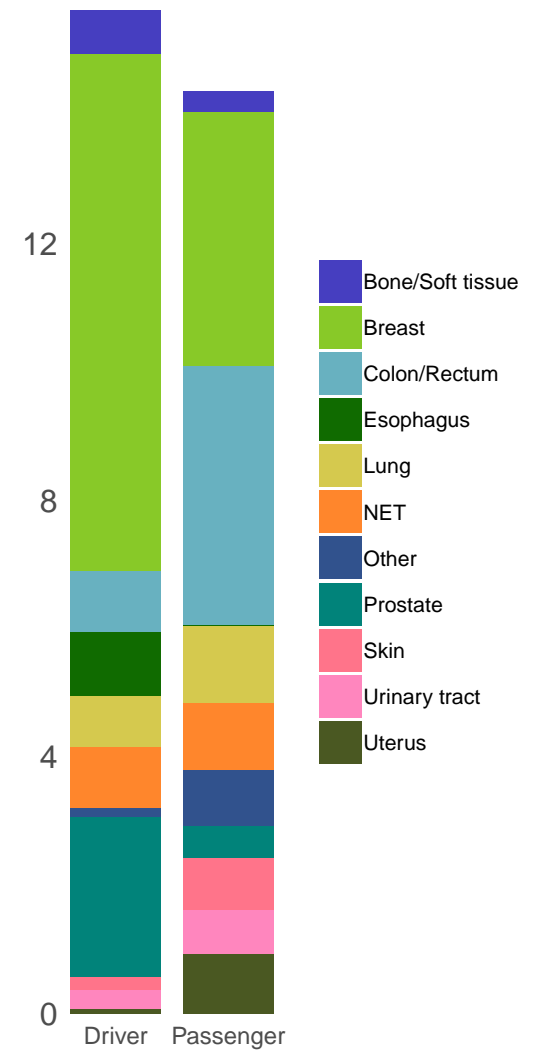
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●



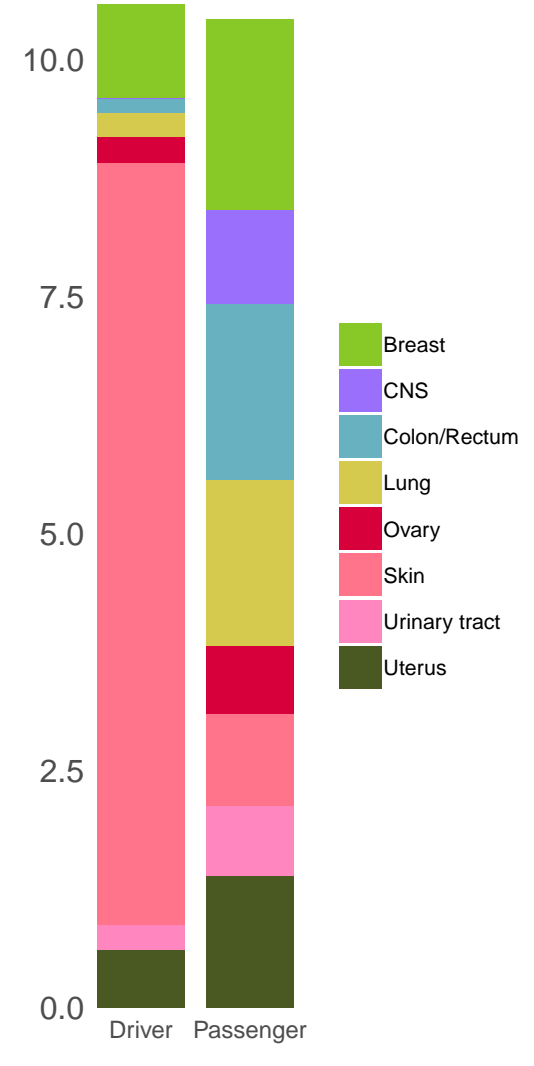
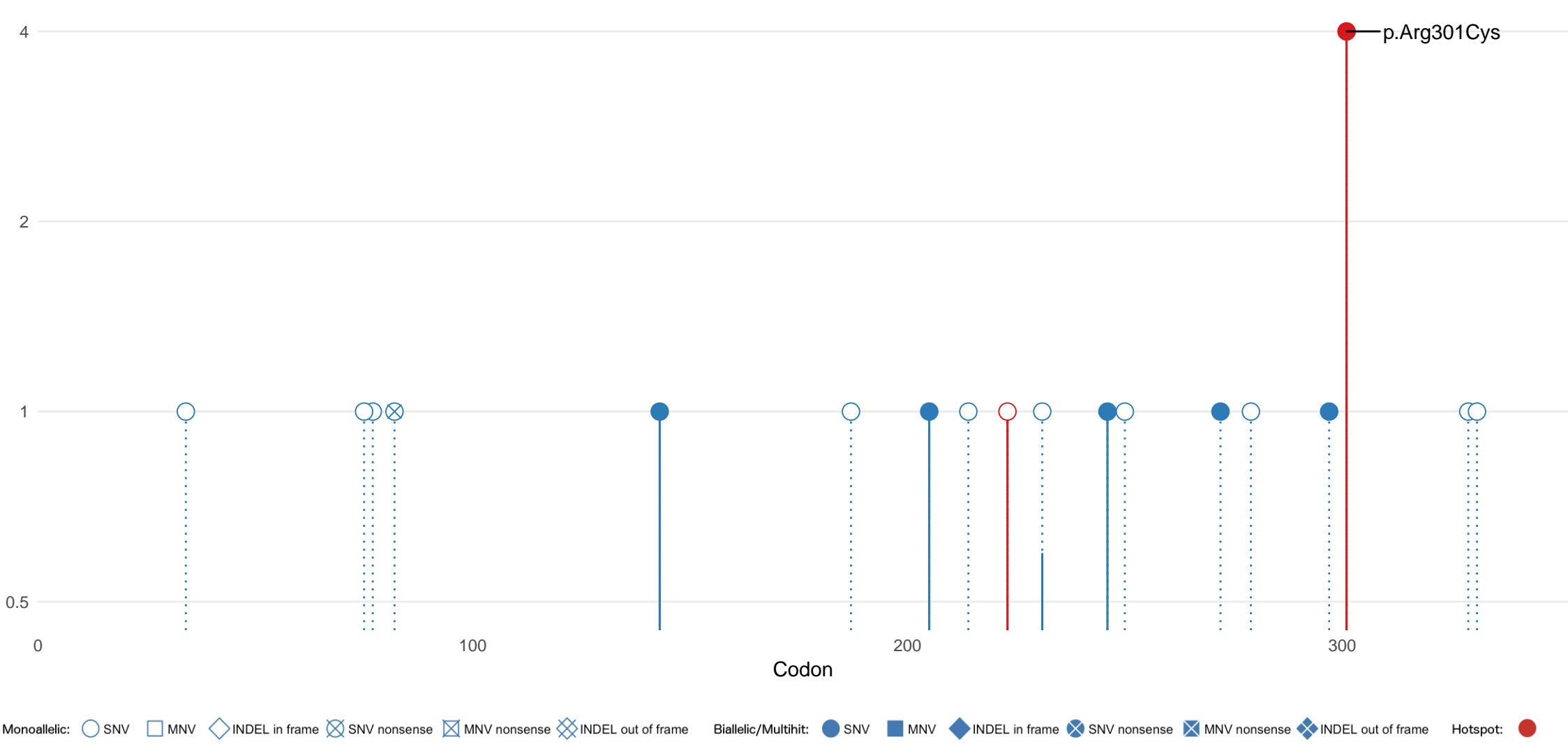
PPM1D Variants



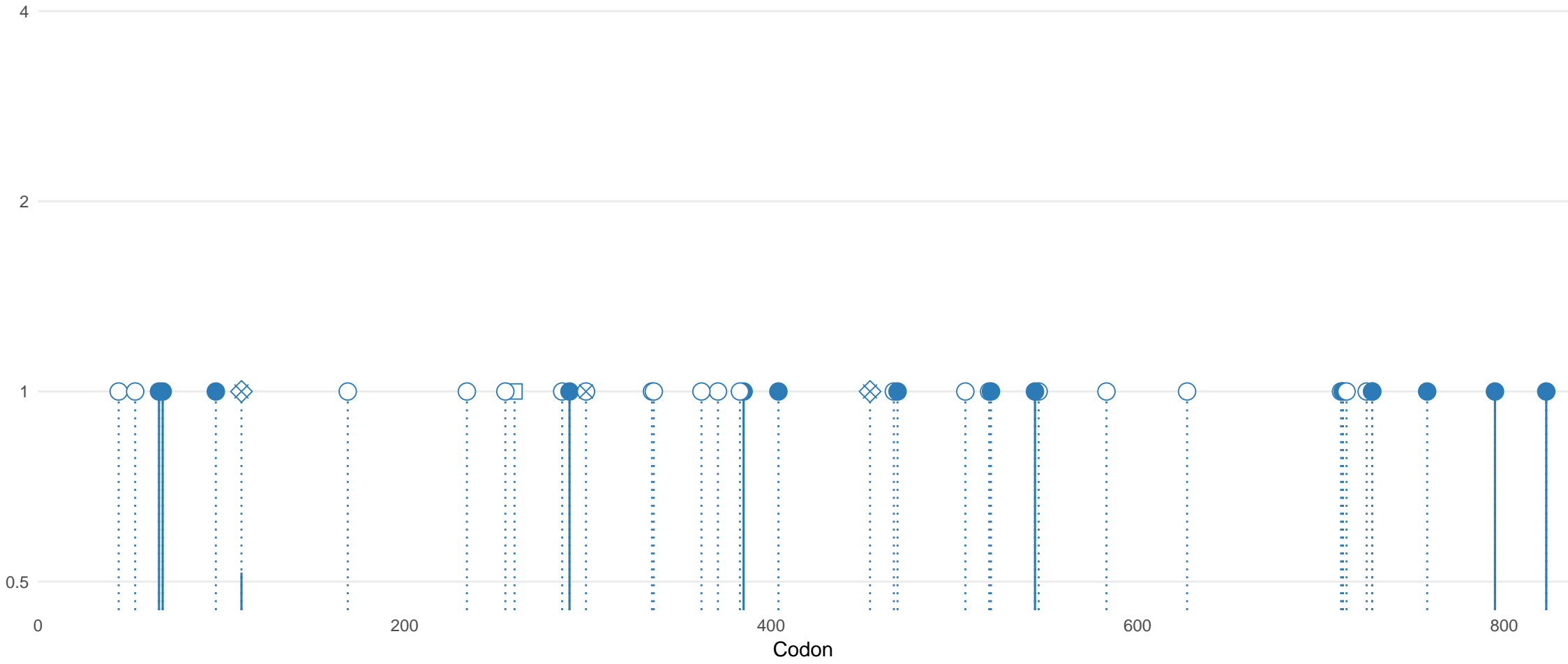
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◇ INDEL out of frame
 Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
 Hotspot: ●



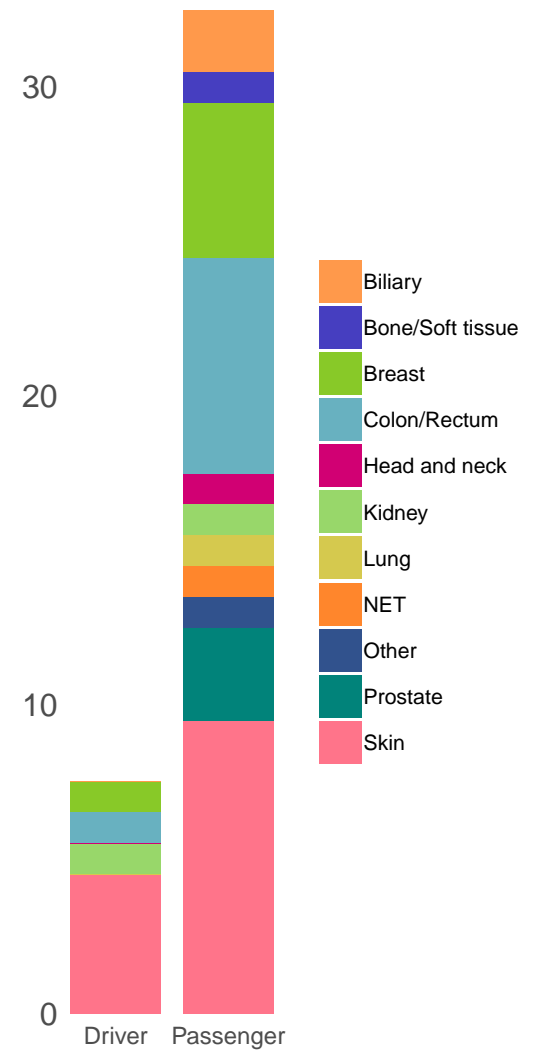
PPP6C Variants



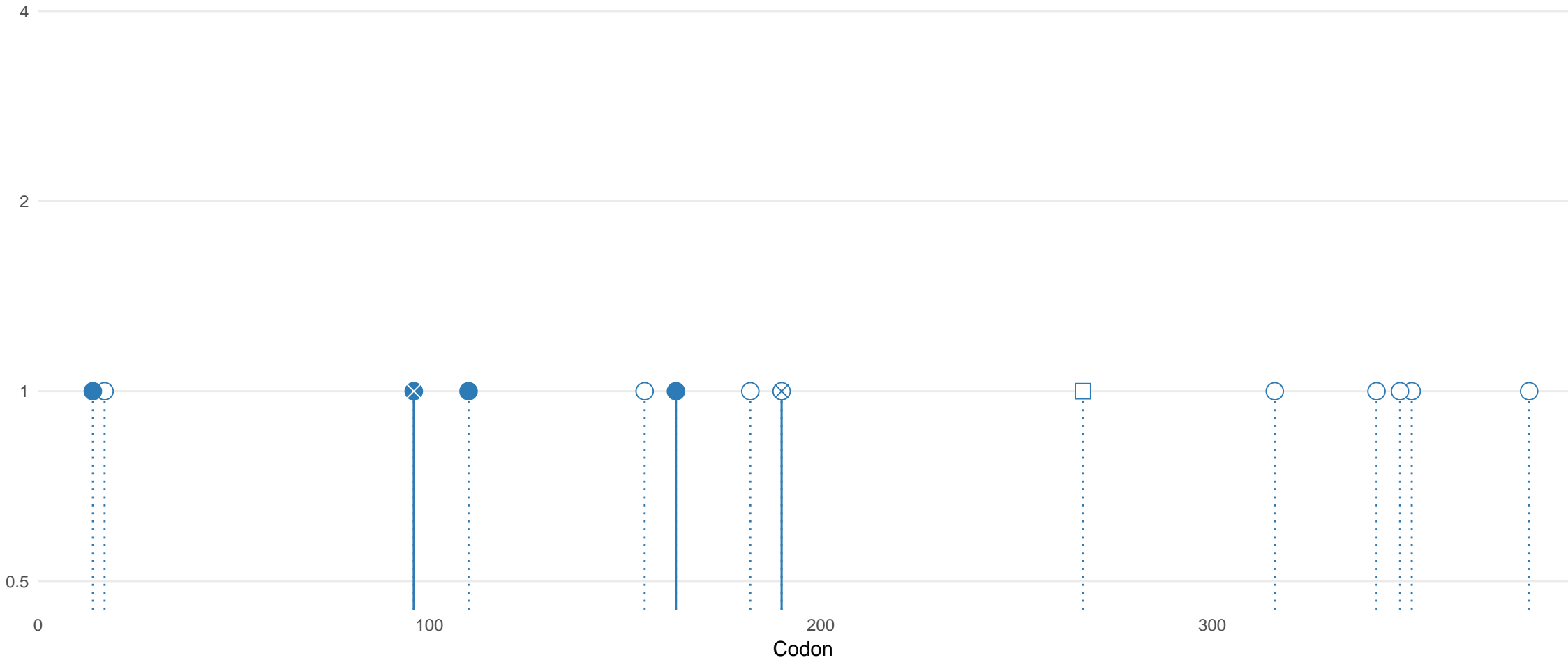
PRDM1 Variants



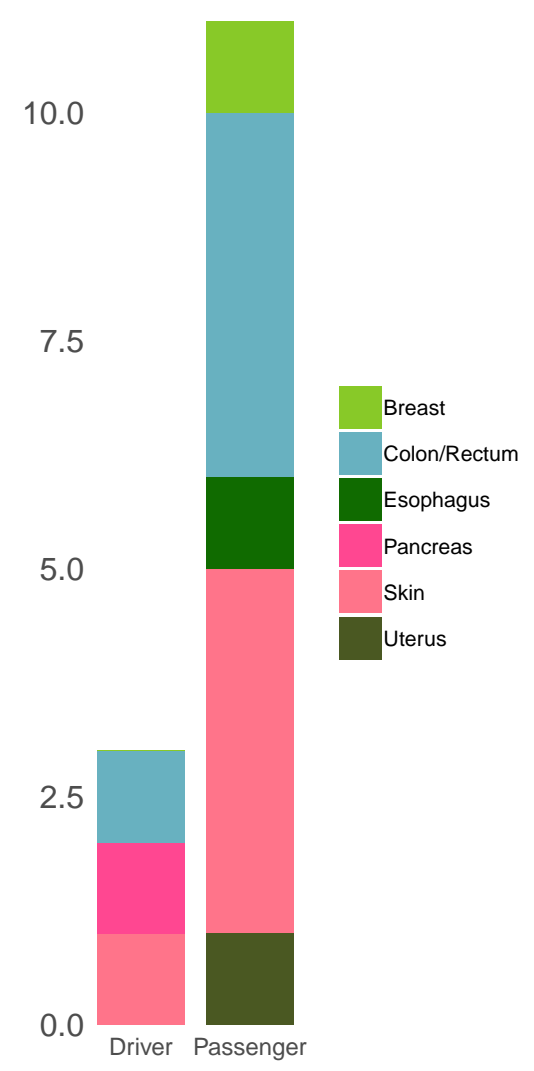
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●



PRKAR1A Variants

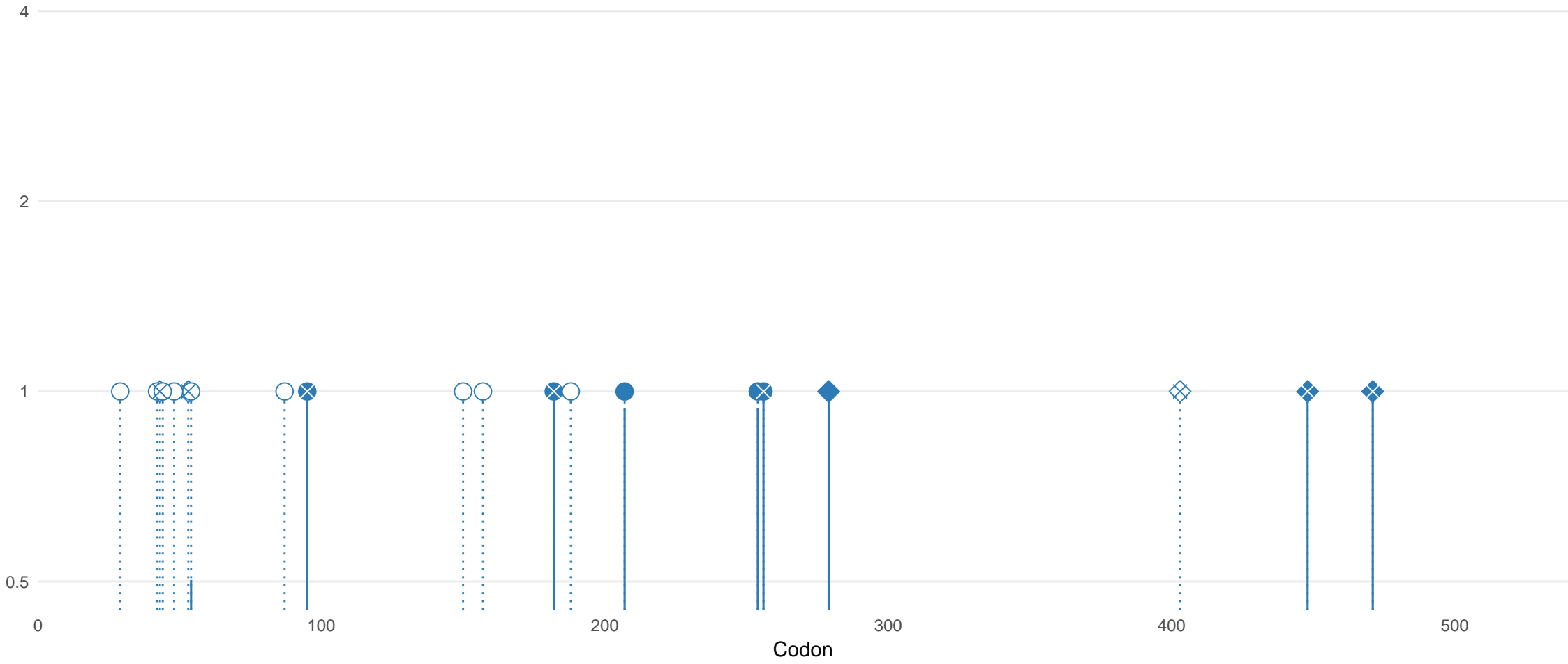


Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
 Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
 Hotspot: ●

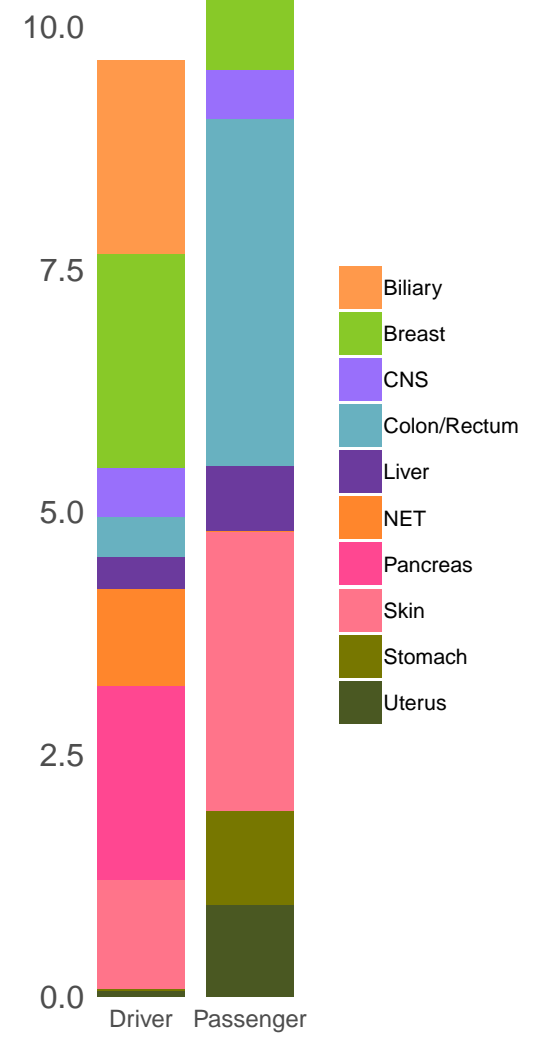


Breast
 Colon/Rectum
 Esophagus
 Pancreas
 Skin
 Uterus

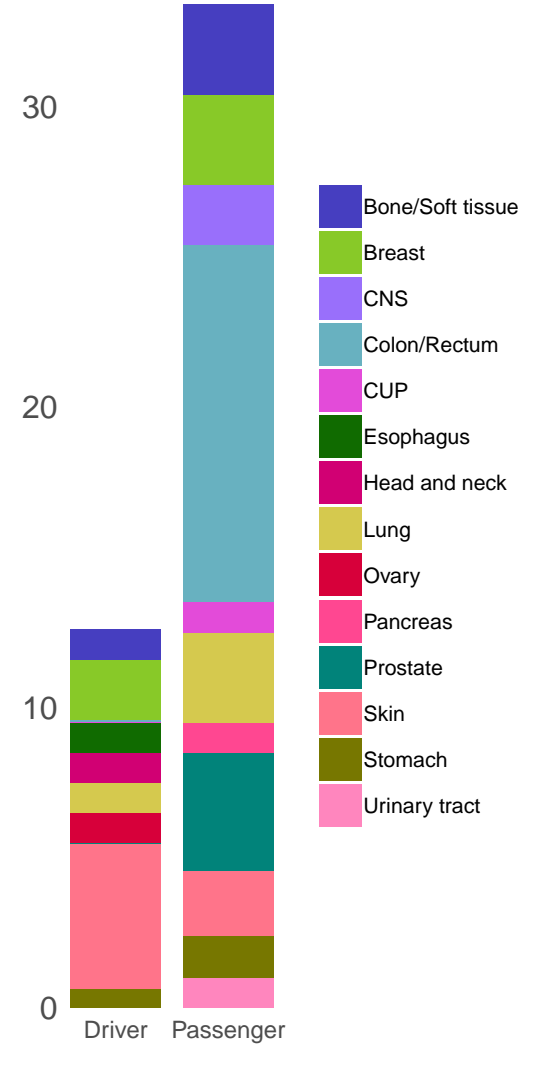
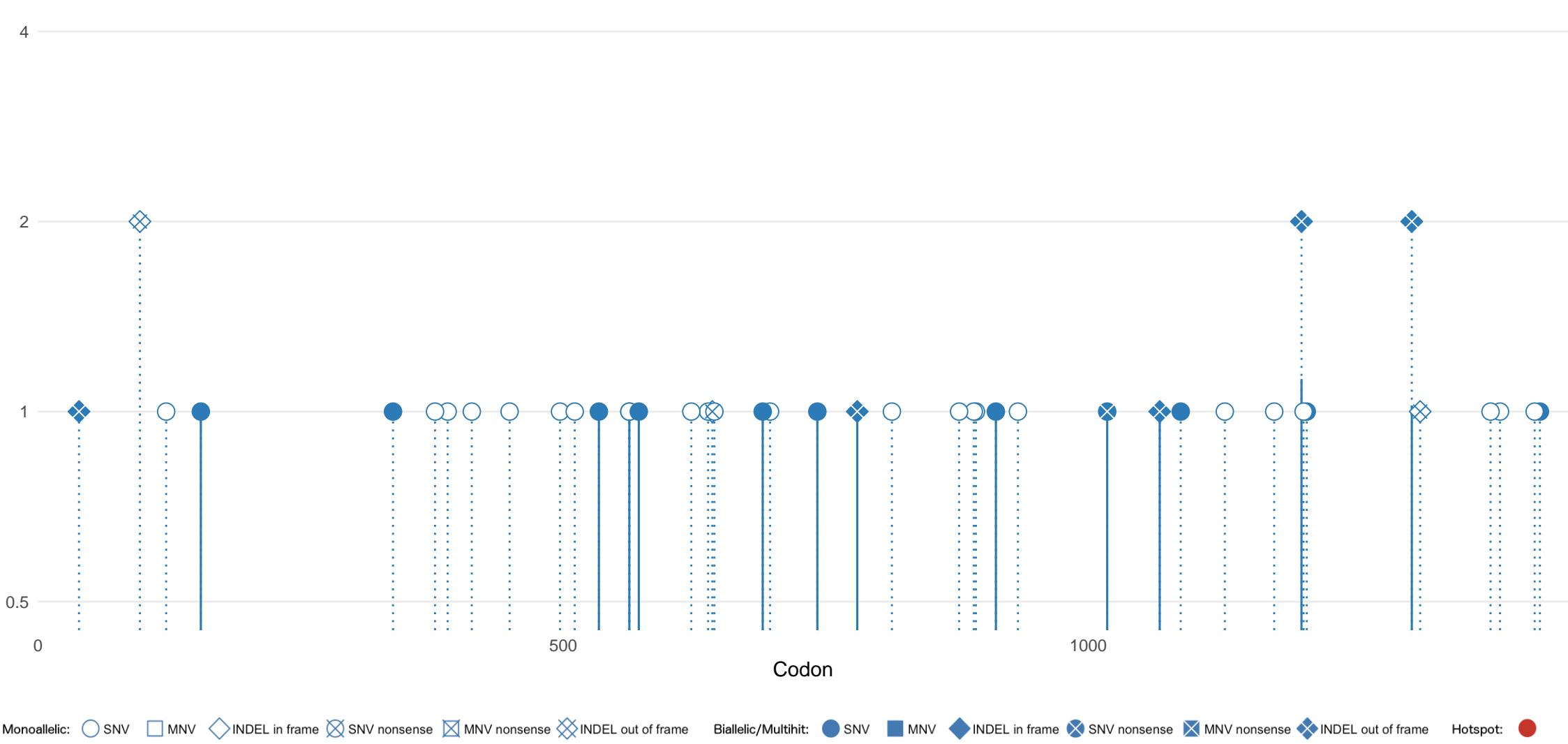
PSIP1 Variants



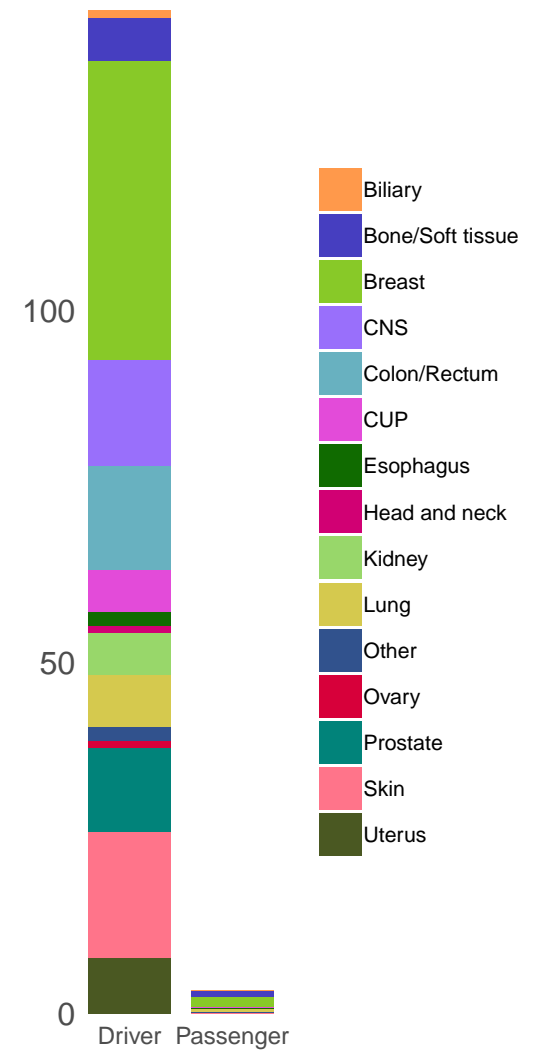
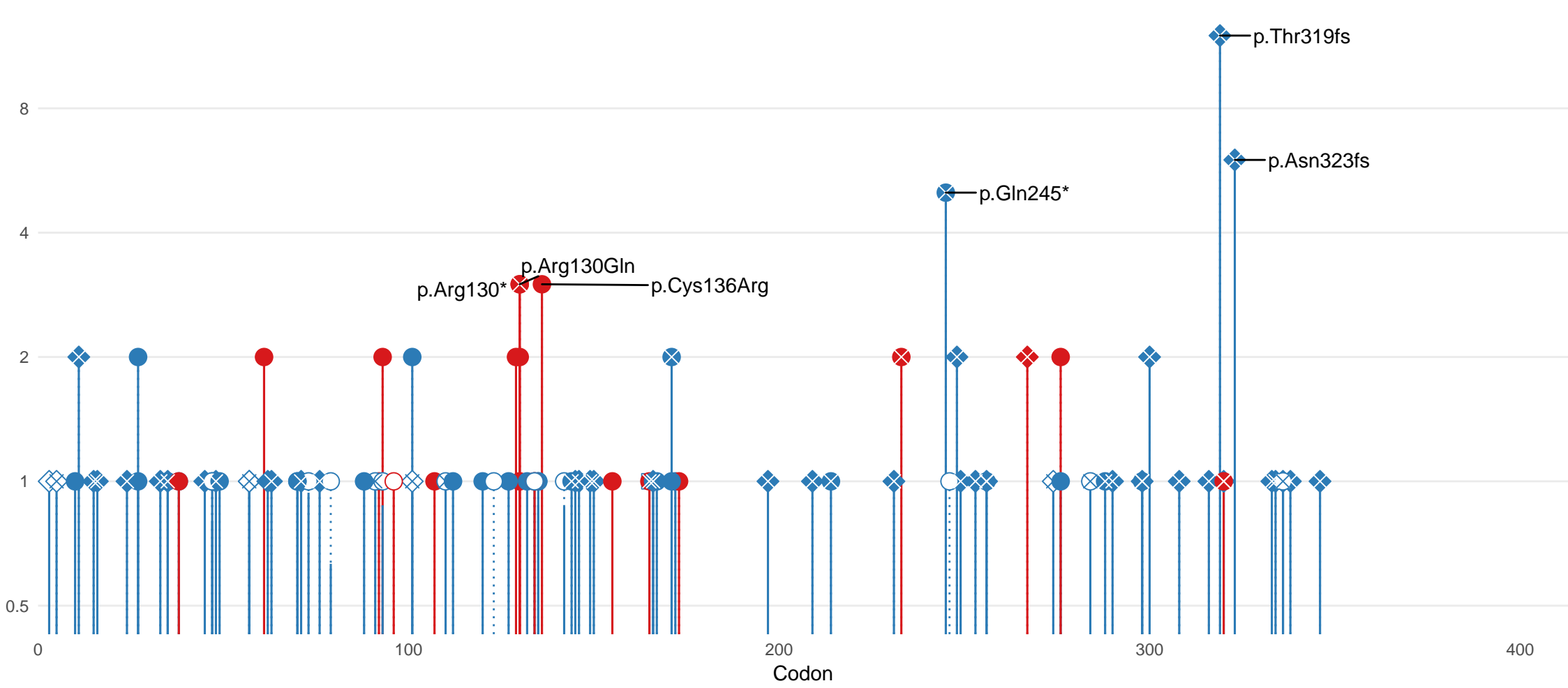
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●



PTCH1 Variants

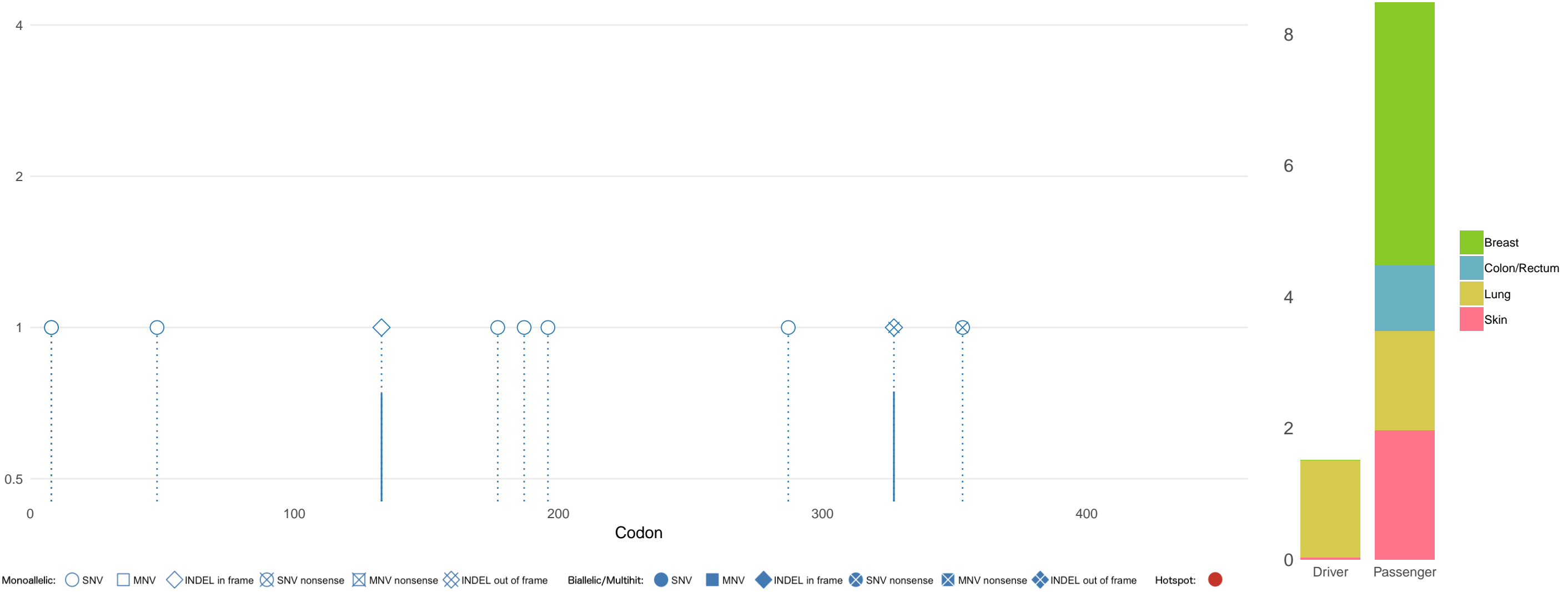


PTEN Variants

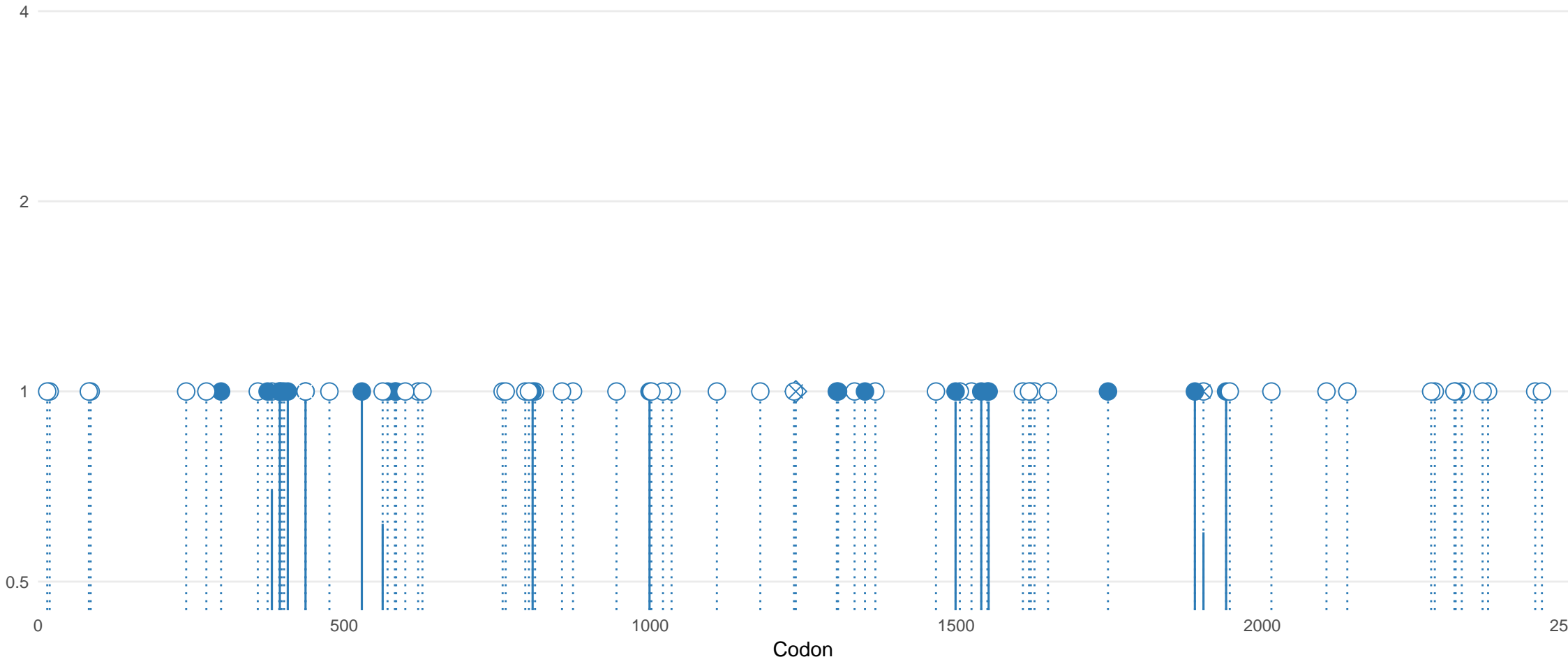


Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊠ MNV nonsense ⊞ INDEL out of frame Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊠ MNV nonsense ⊞ INDEL out of frame Hotspot: ● (Red)

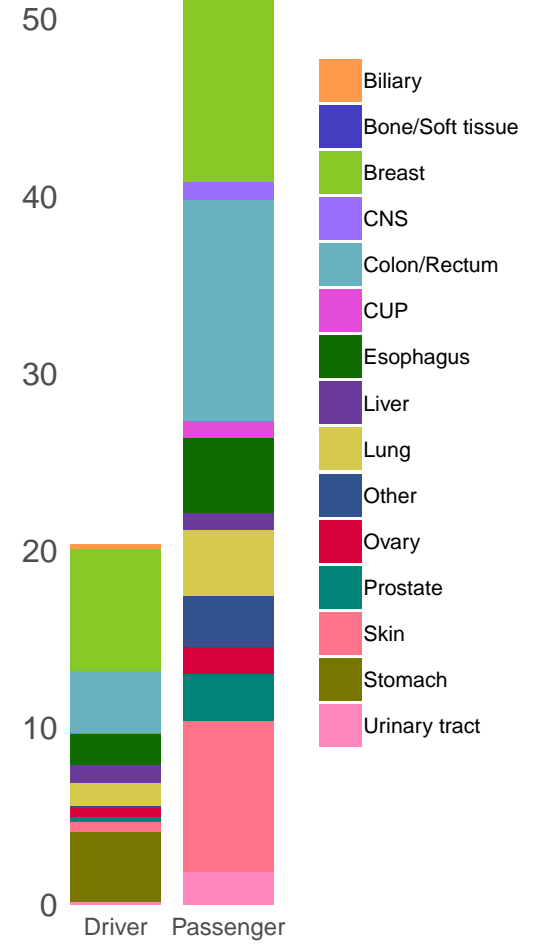
PTK6 Variants



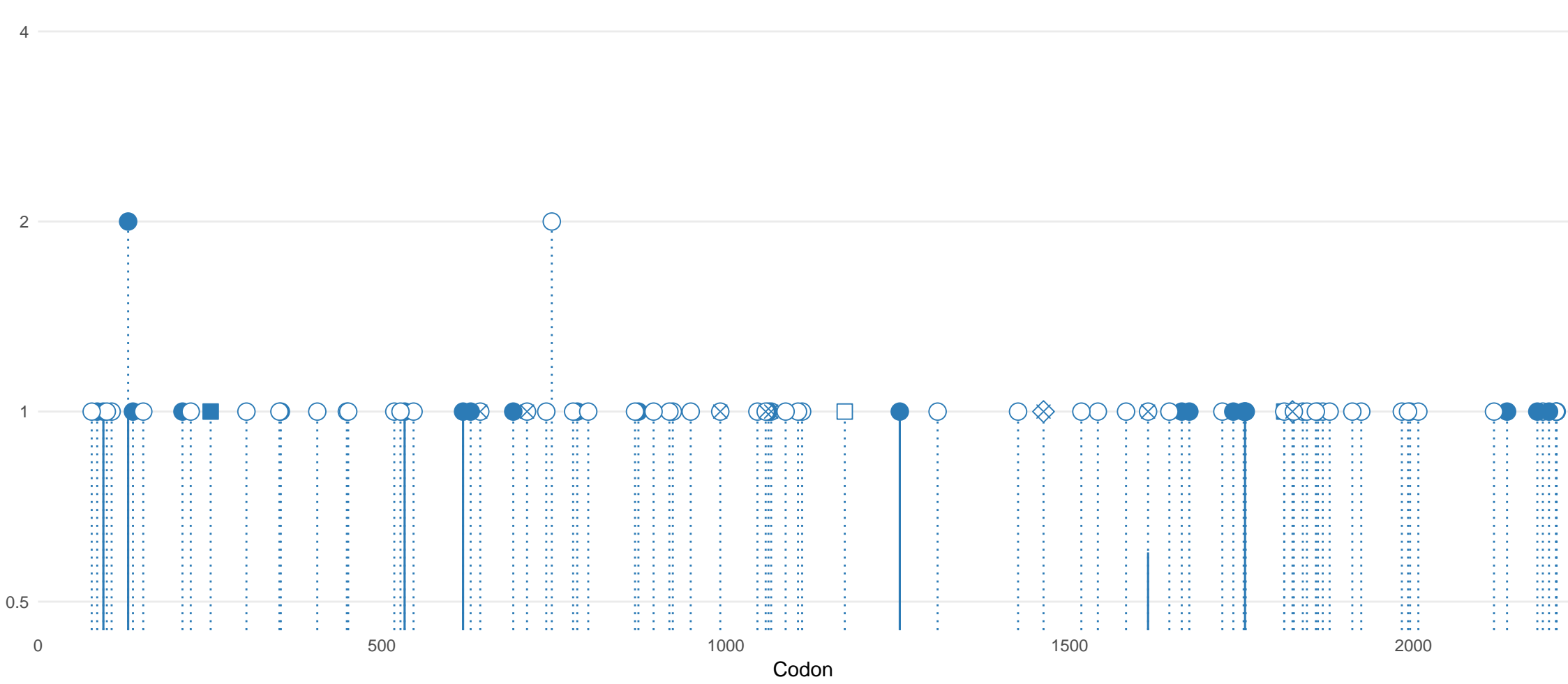
PTPN13 Variants



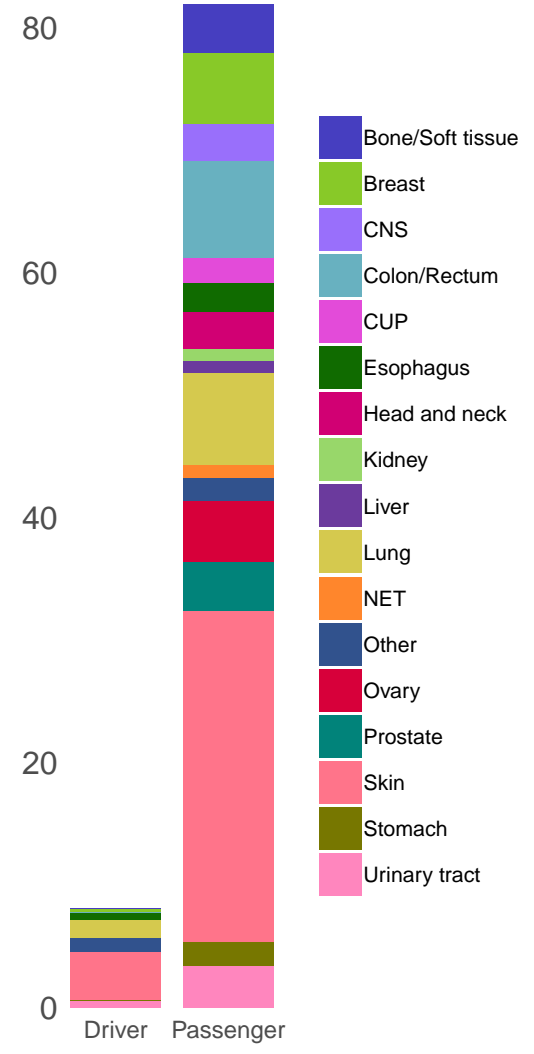
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Hotspot: ●



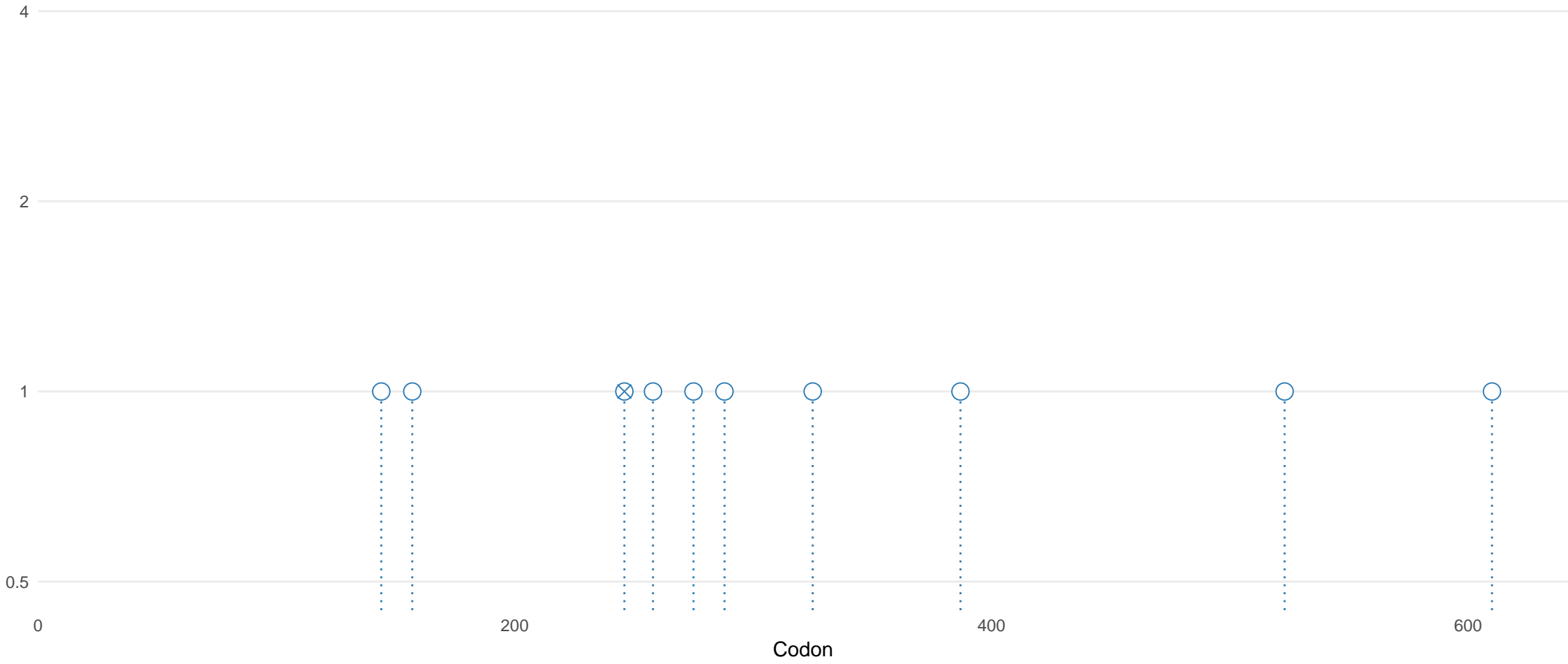
PTPRB Variants



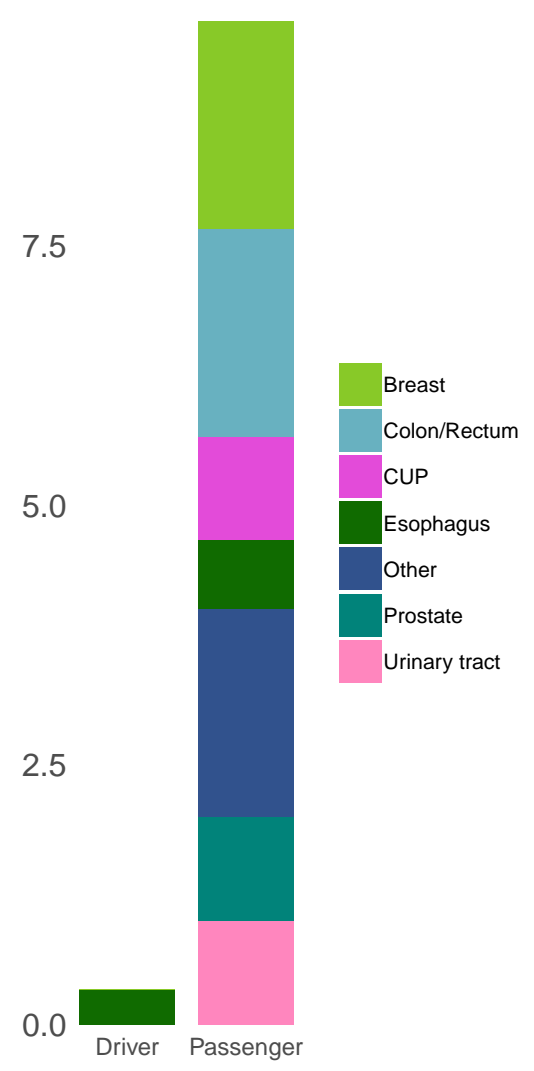
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Hotspot: ●



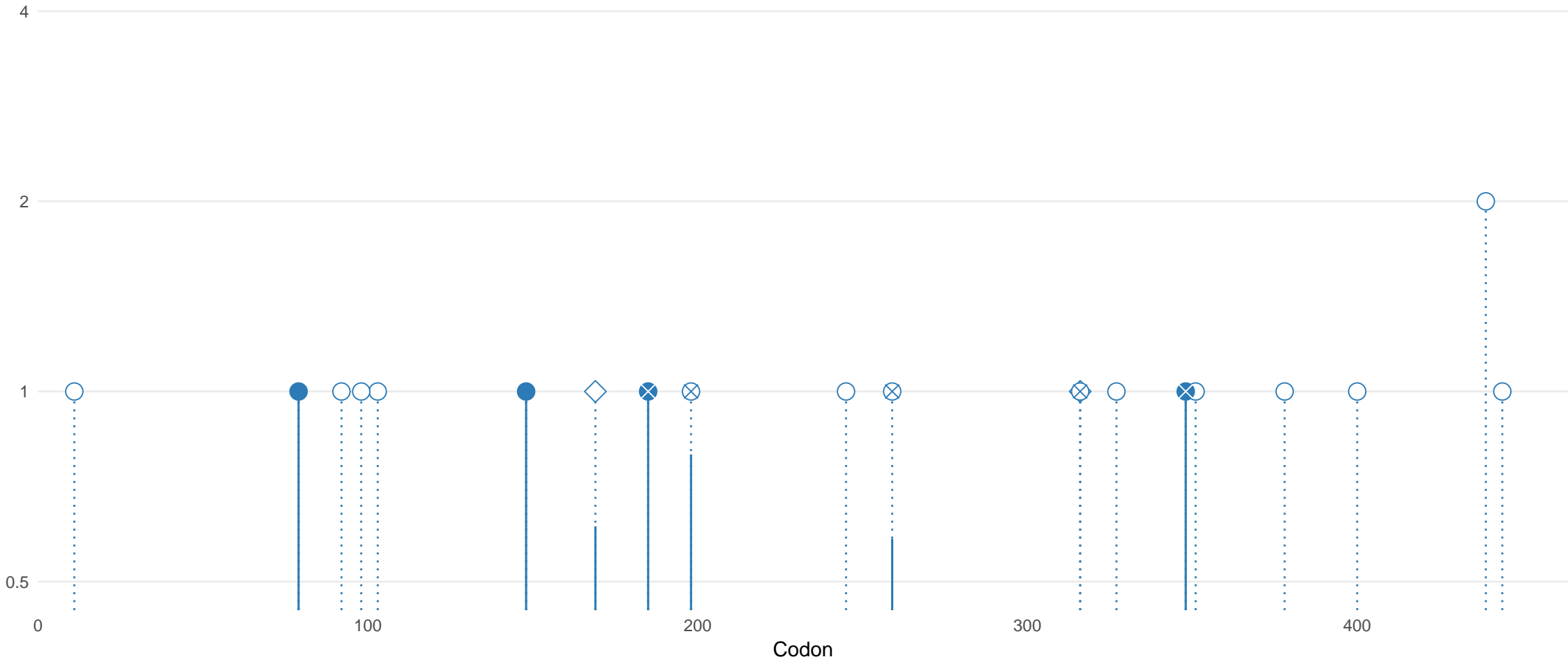
RACGAP1 Variants



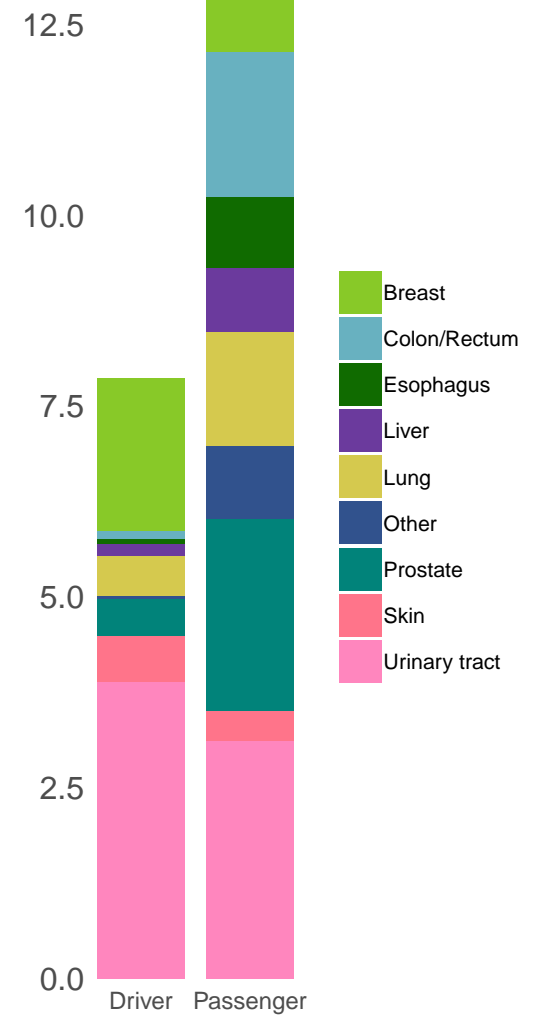
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊠ MNV nonsense ⊞ INDEL out of frame
 Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊠ MNV nonsense ⊞ INDEL out of frame
 Hotspot: ●



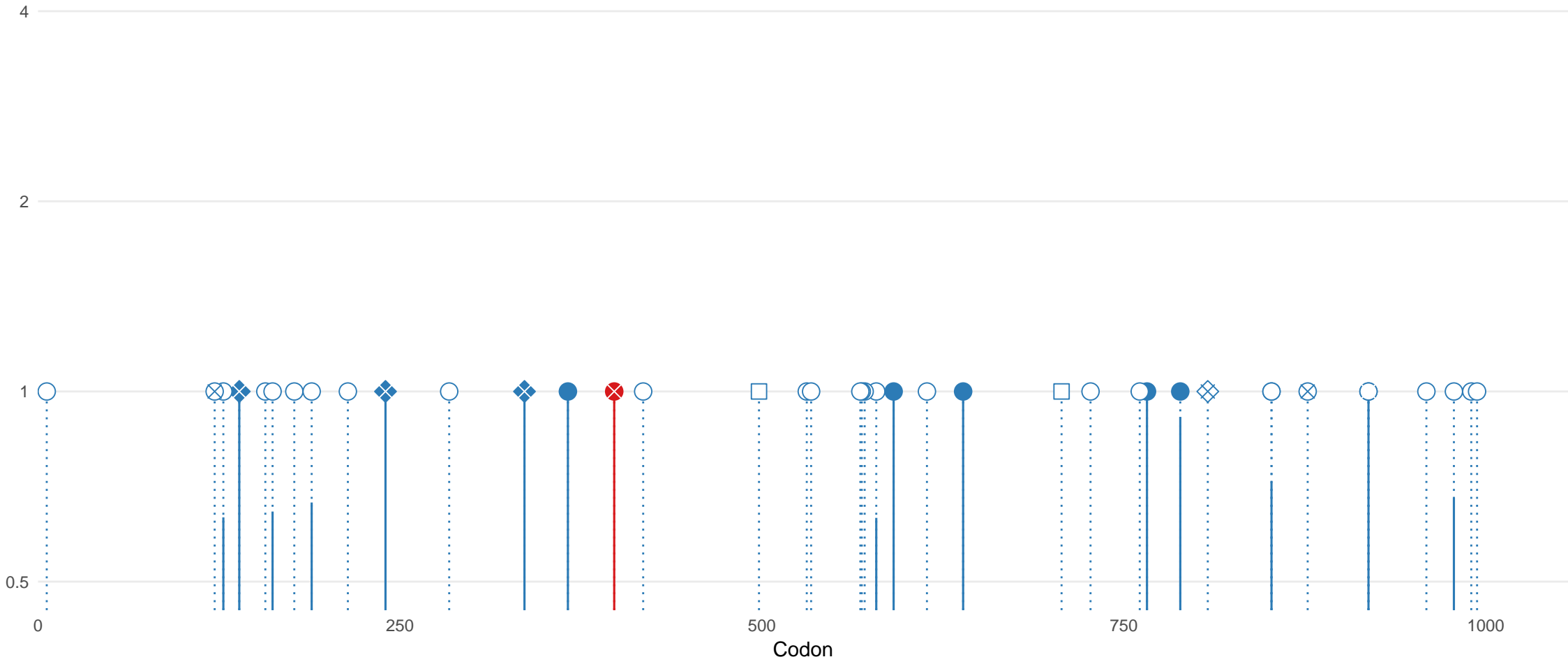
RARG Variants



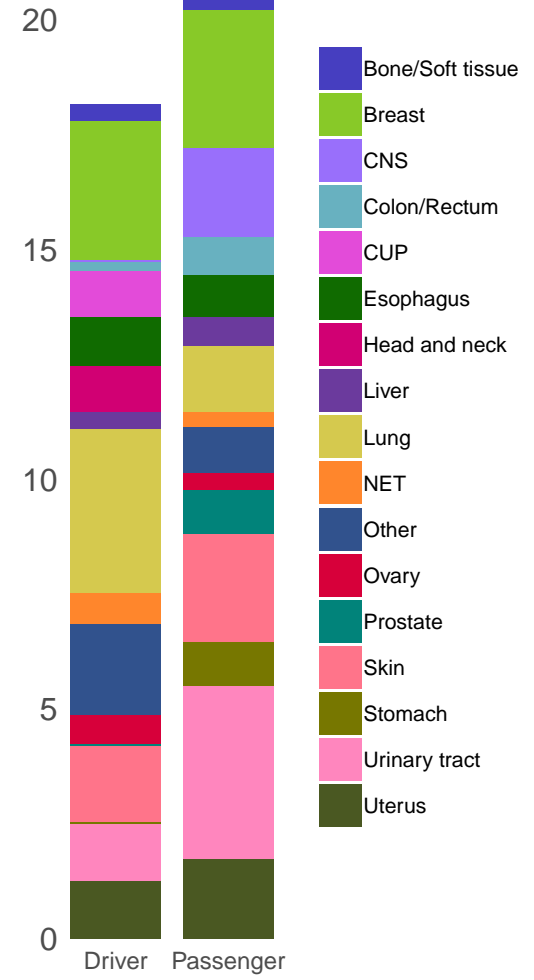
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●



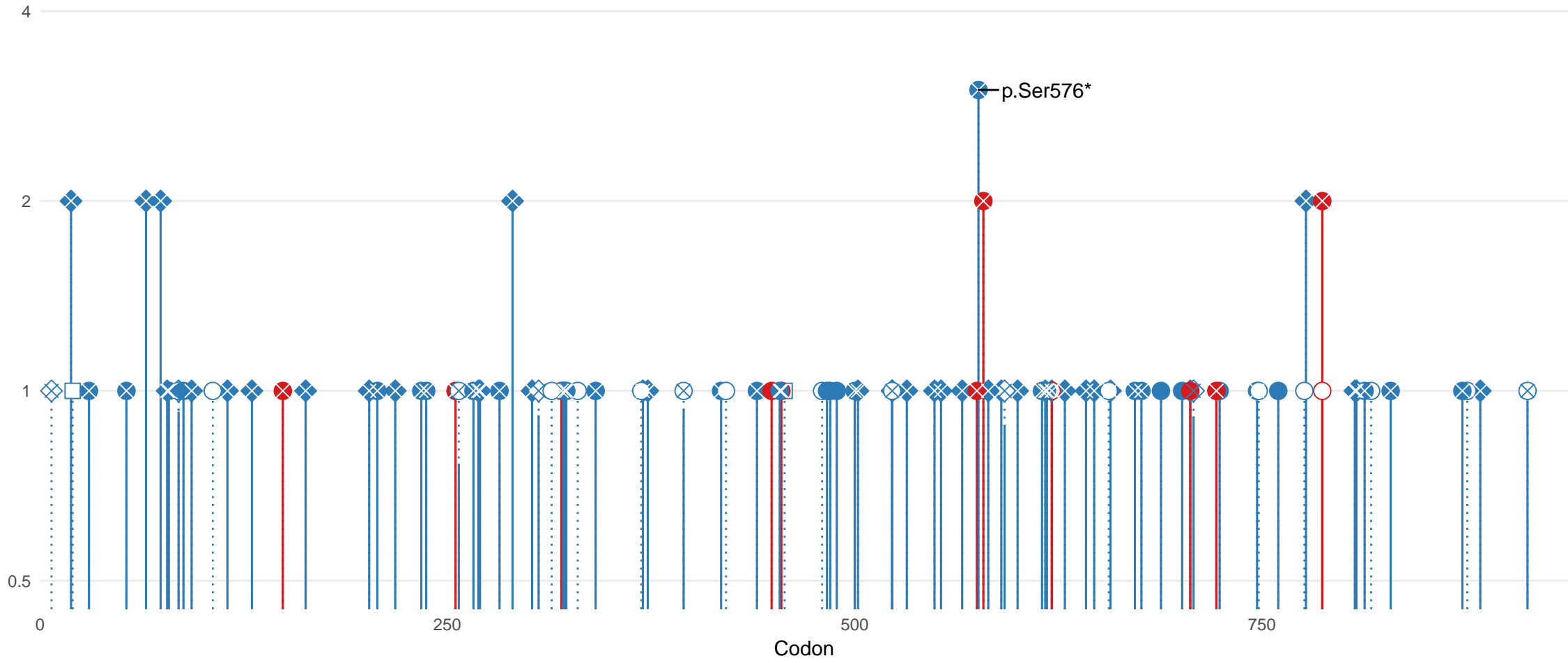
RASA1 Variants



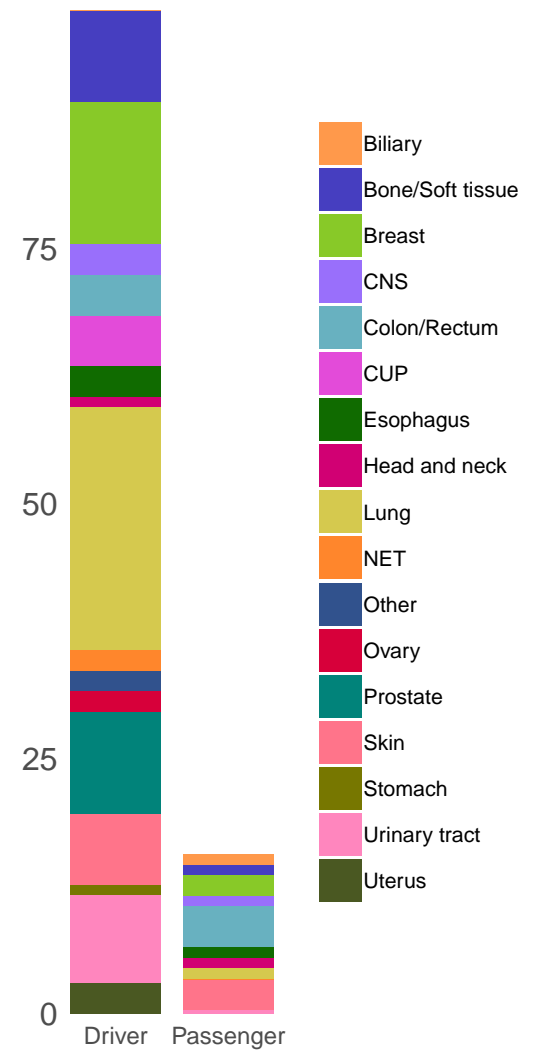
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●



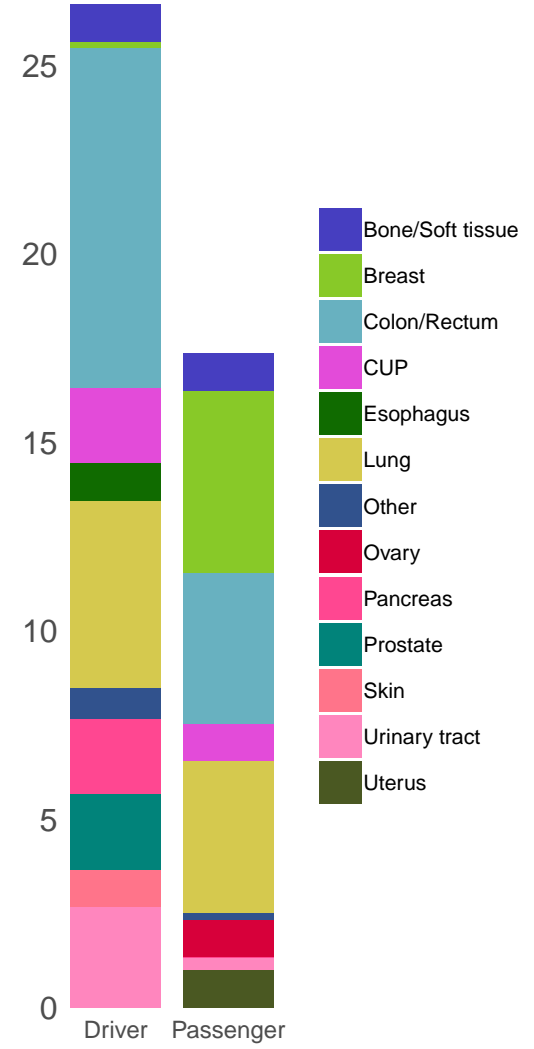
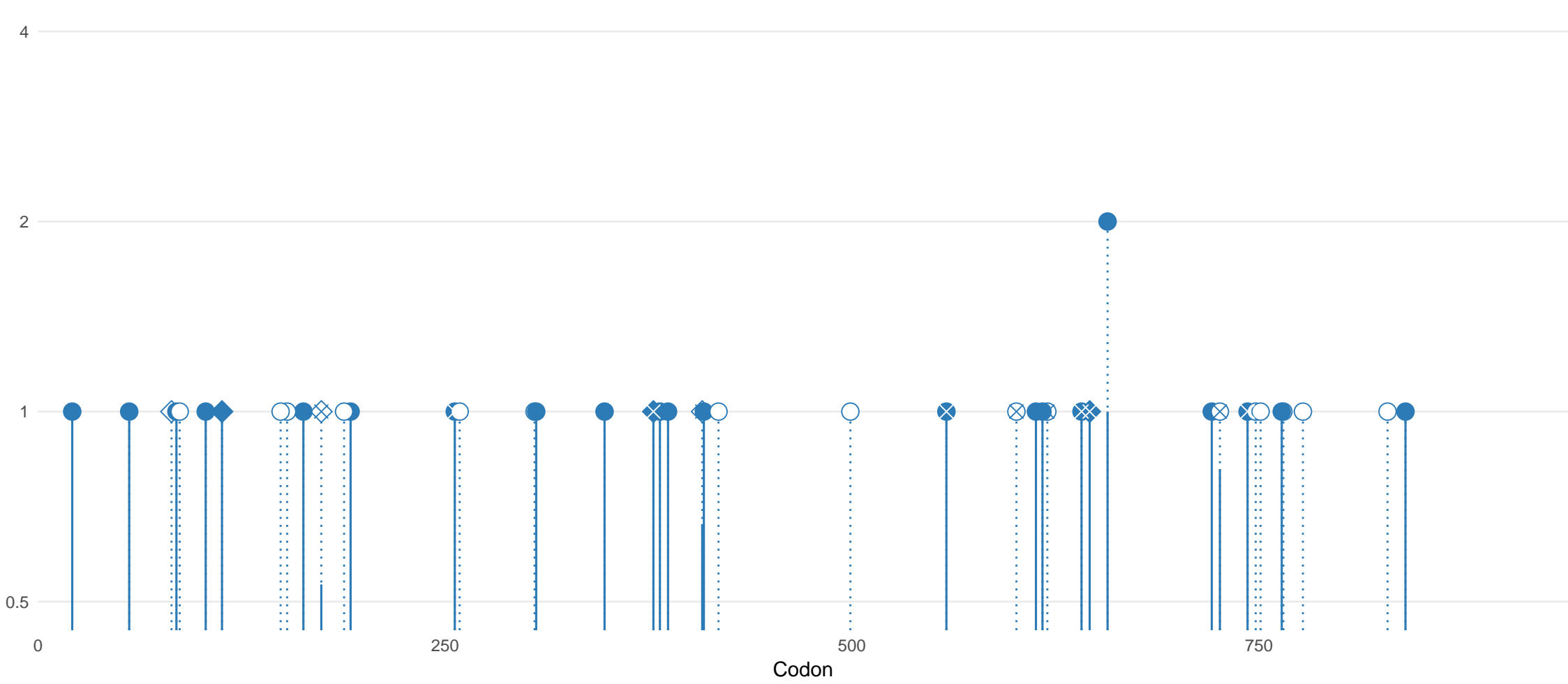
RB1 Variants



Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●

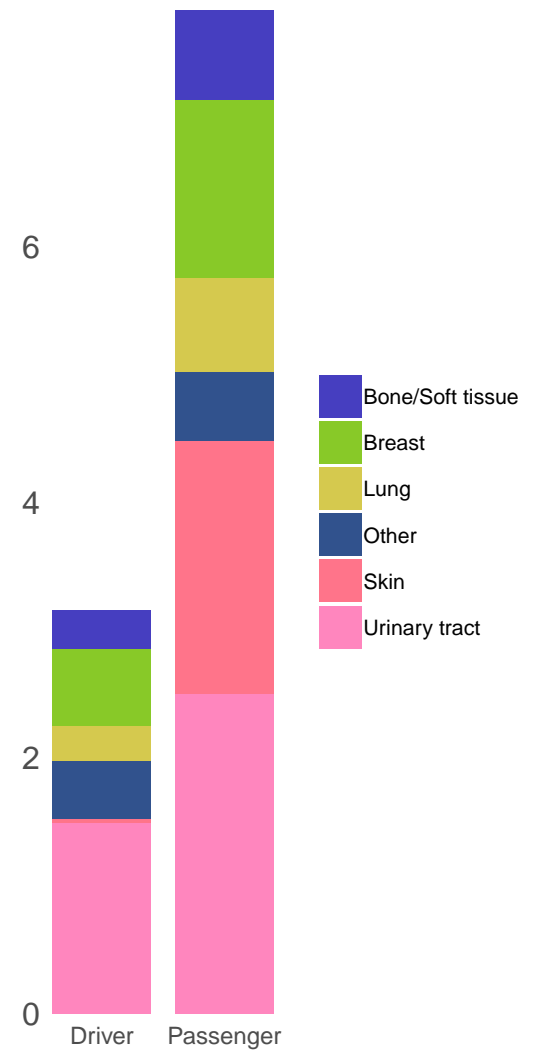
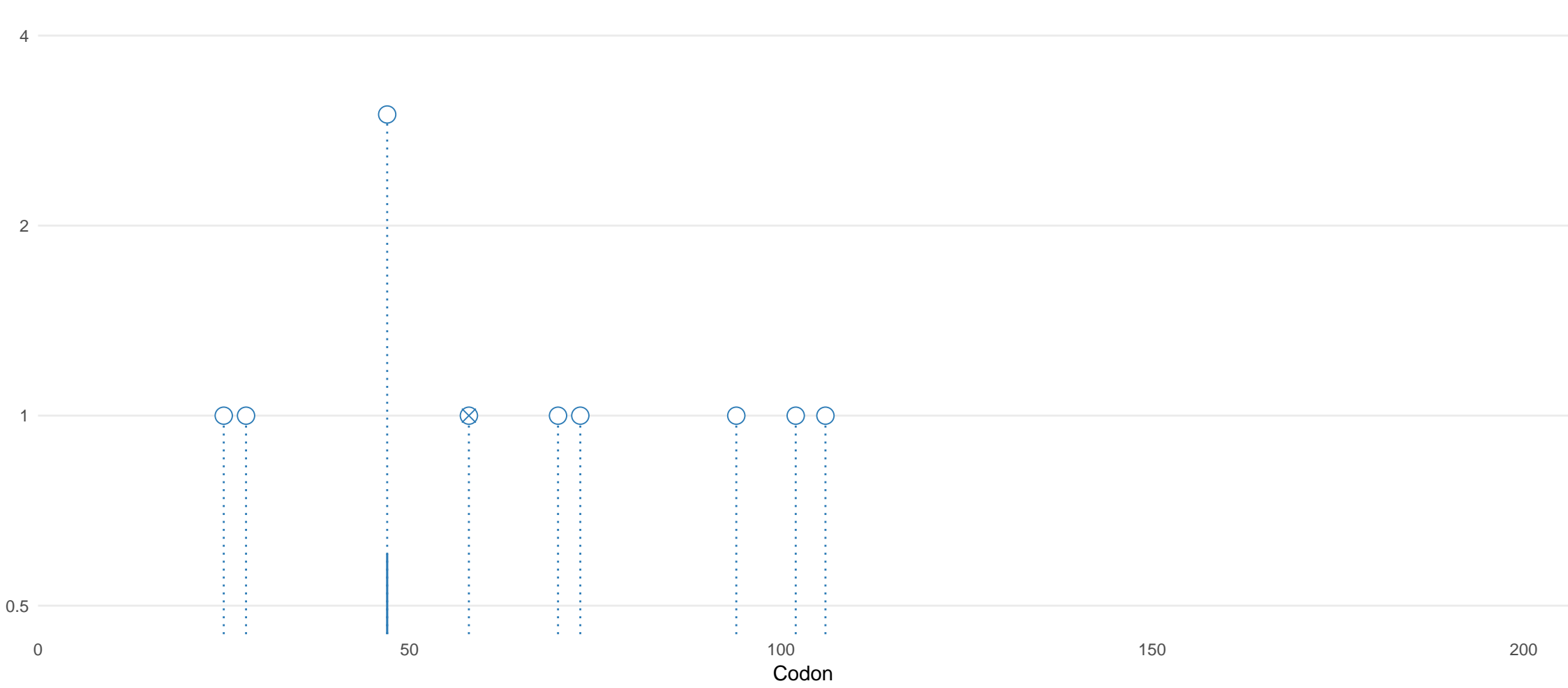


RBM10 Variants



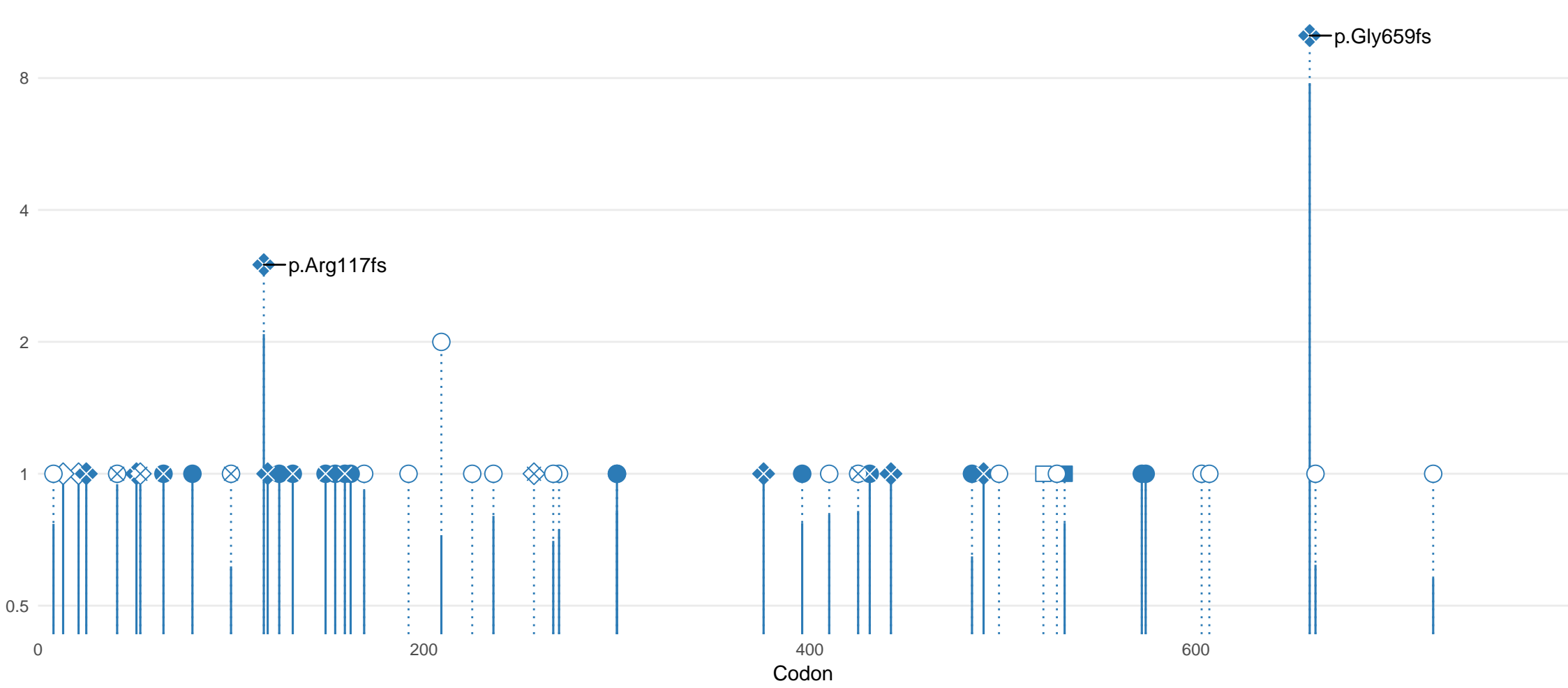
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
 Biallelic/Multi-hit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
 Hotspot: ●

RHOB Variants

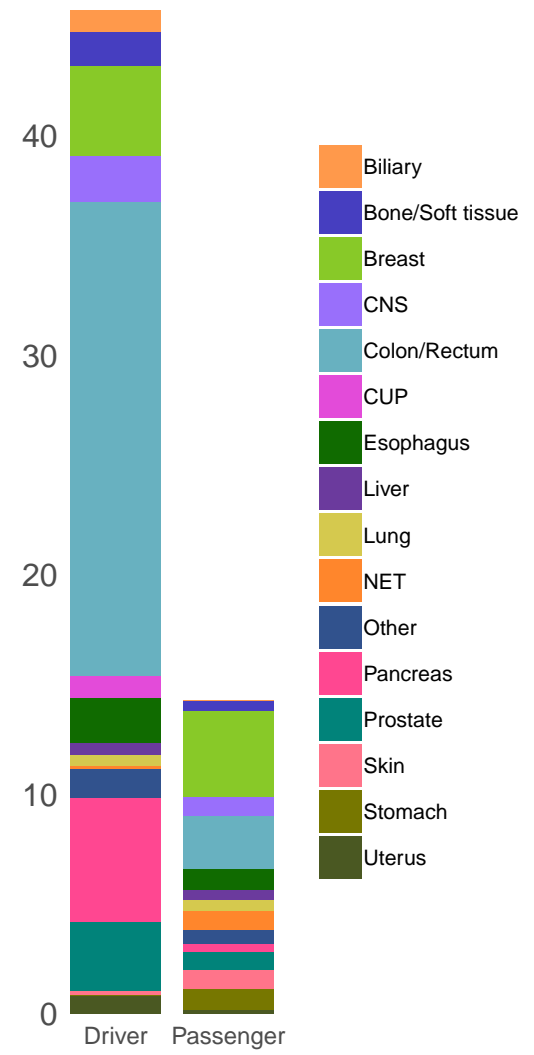


Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
 Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
 Hotspot: ●

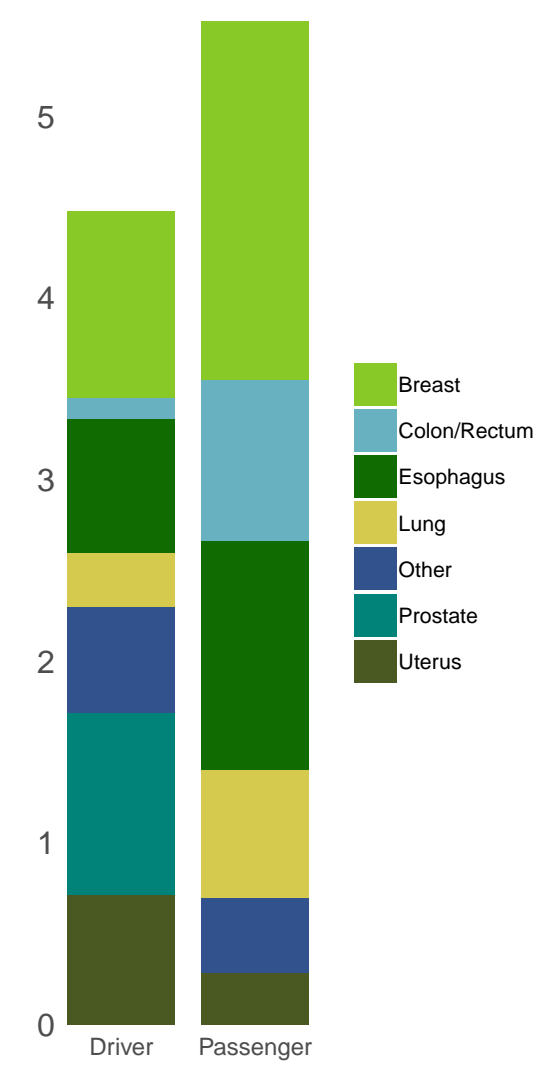
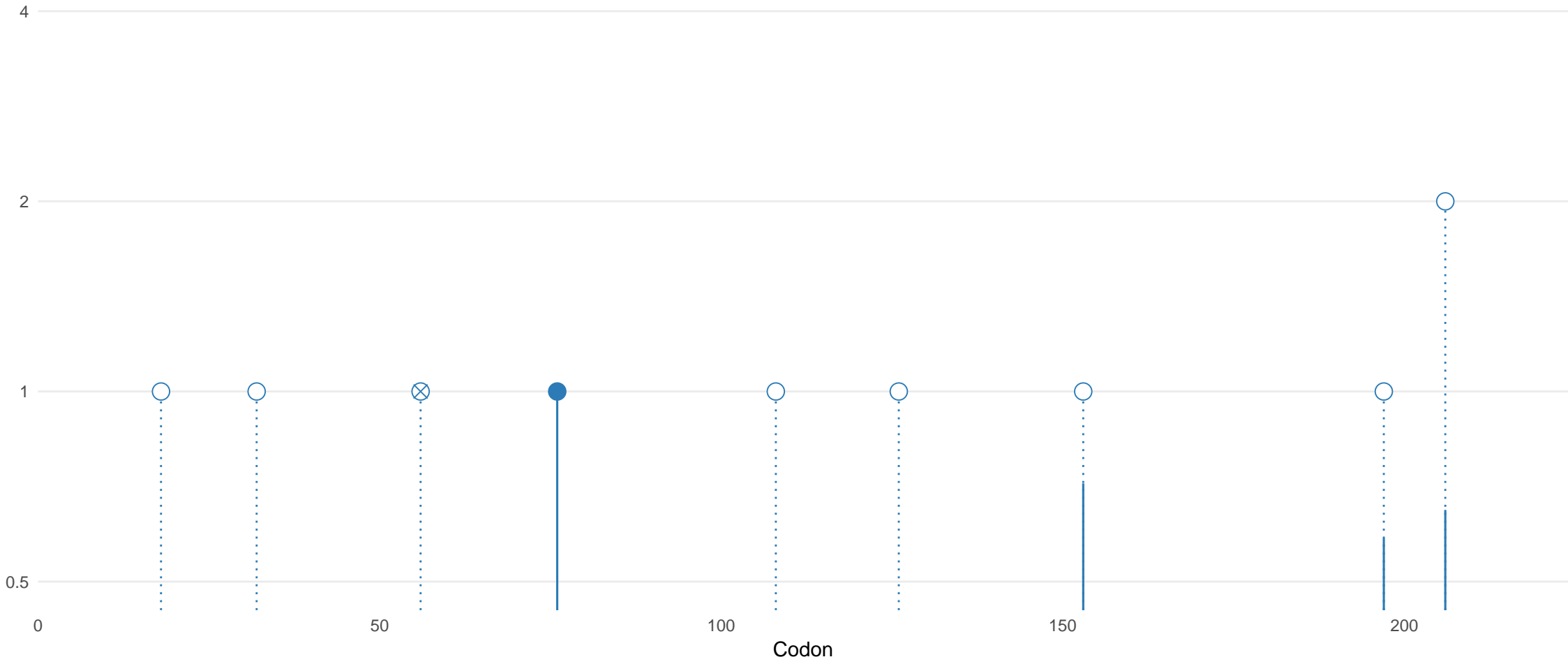
RNF43 Variants



Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
 Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame Hotspot: ●

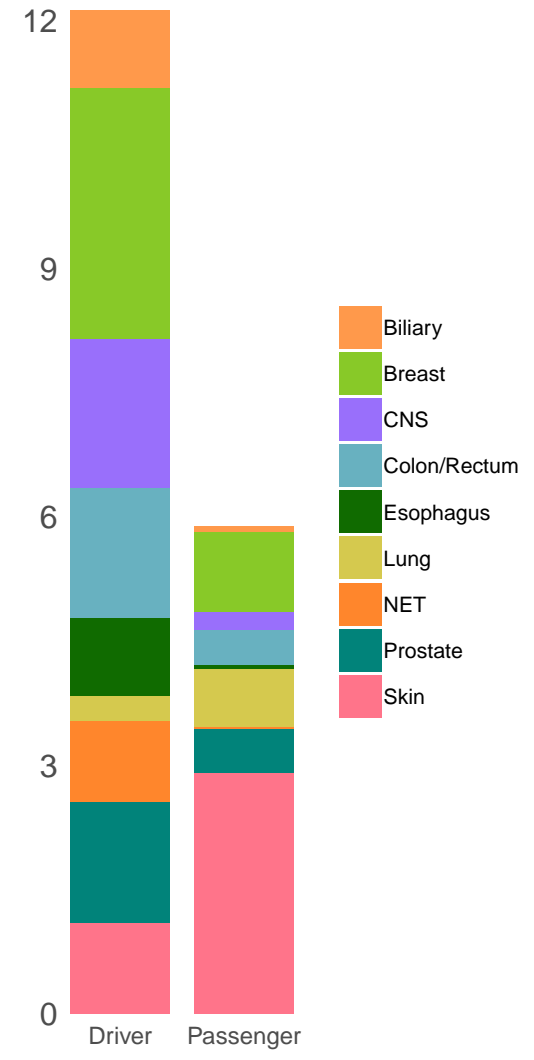
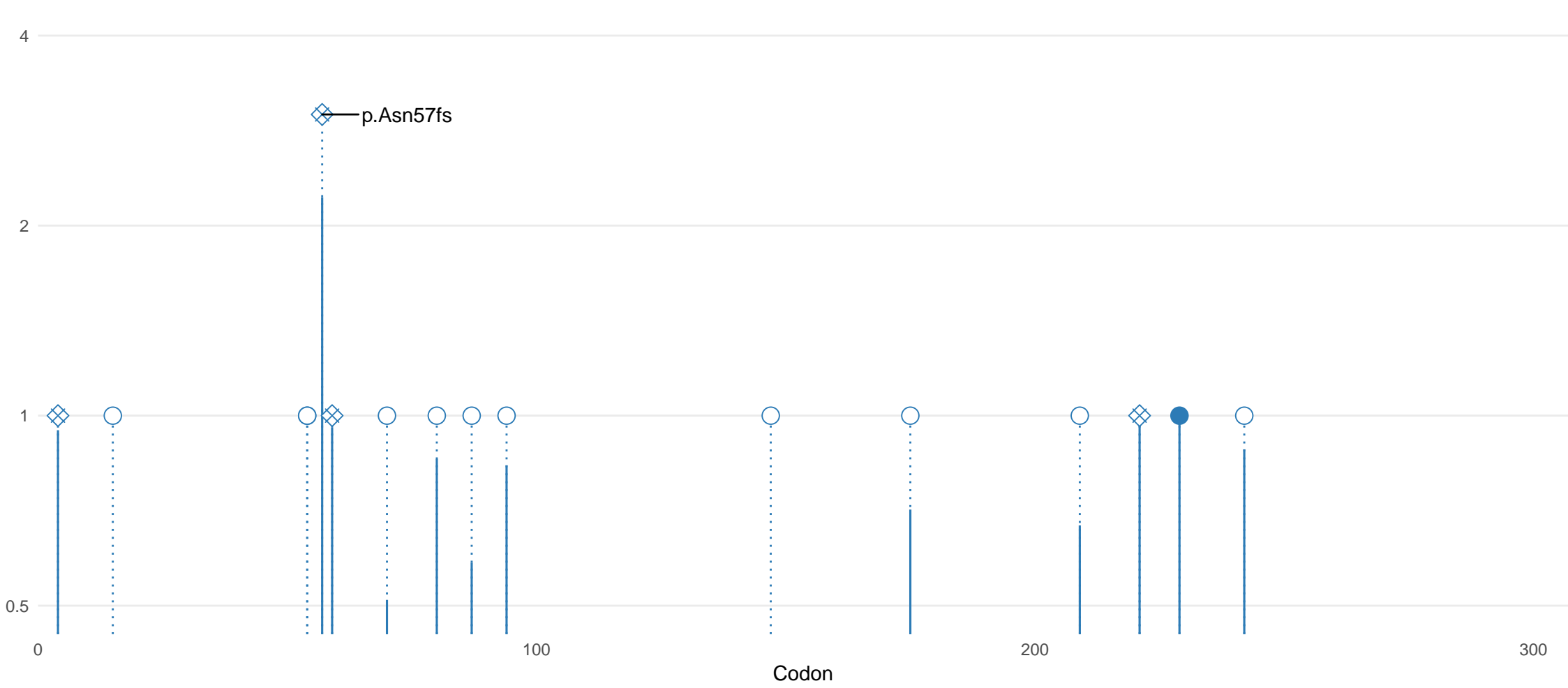


RPL10 Variants



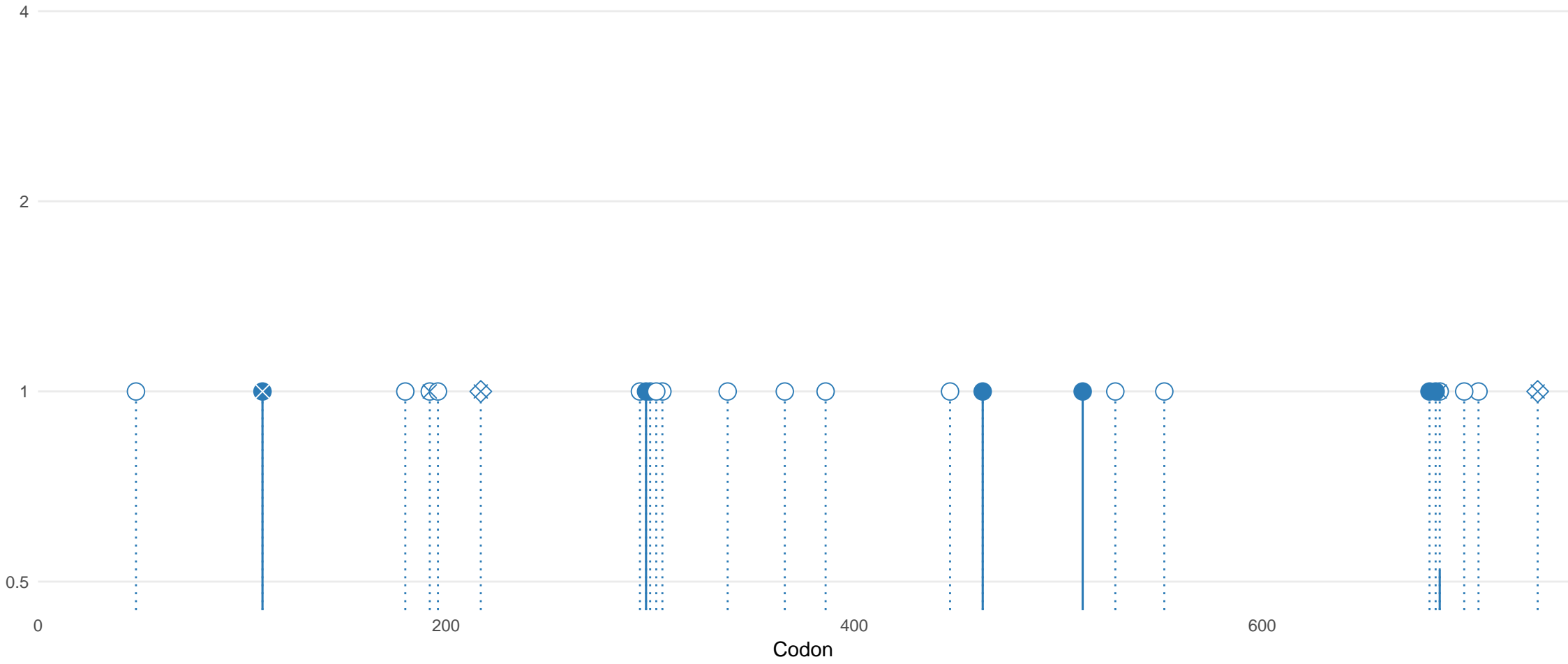
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊠ MNV nonsense ⊞ INDEL out of frame
 Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊠ MNV nonsense ⊞ INDEL out of frame
 Hotspot: ●

RPL5 Variants

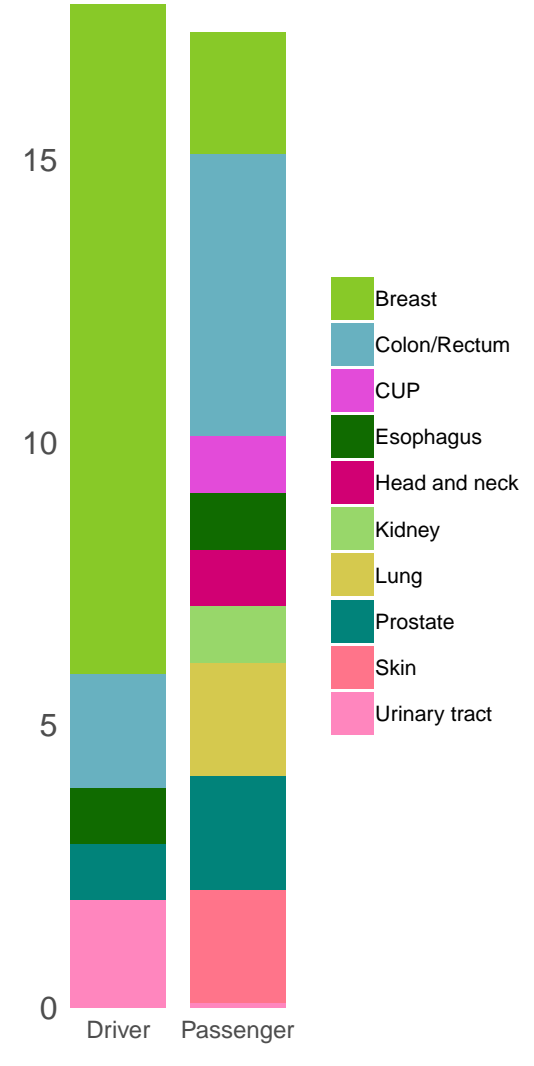
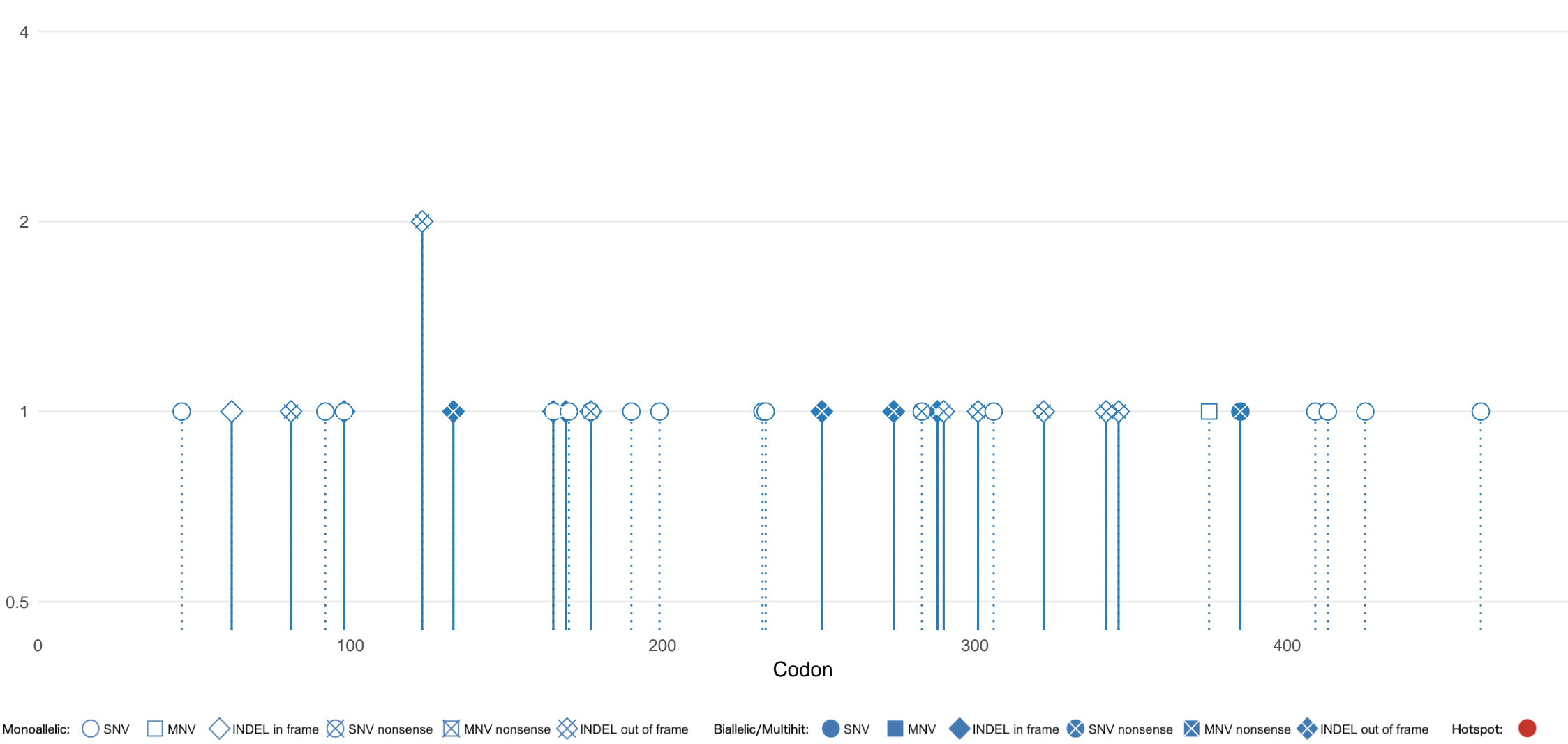


Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊠ SNV nonsense ⊠ MNV nonsense ⊠ INDEL out of frame Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊠ SNV nonsense ⊠ MNV nonsense ◆ INDEL out of frame Hotspot: ●

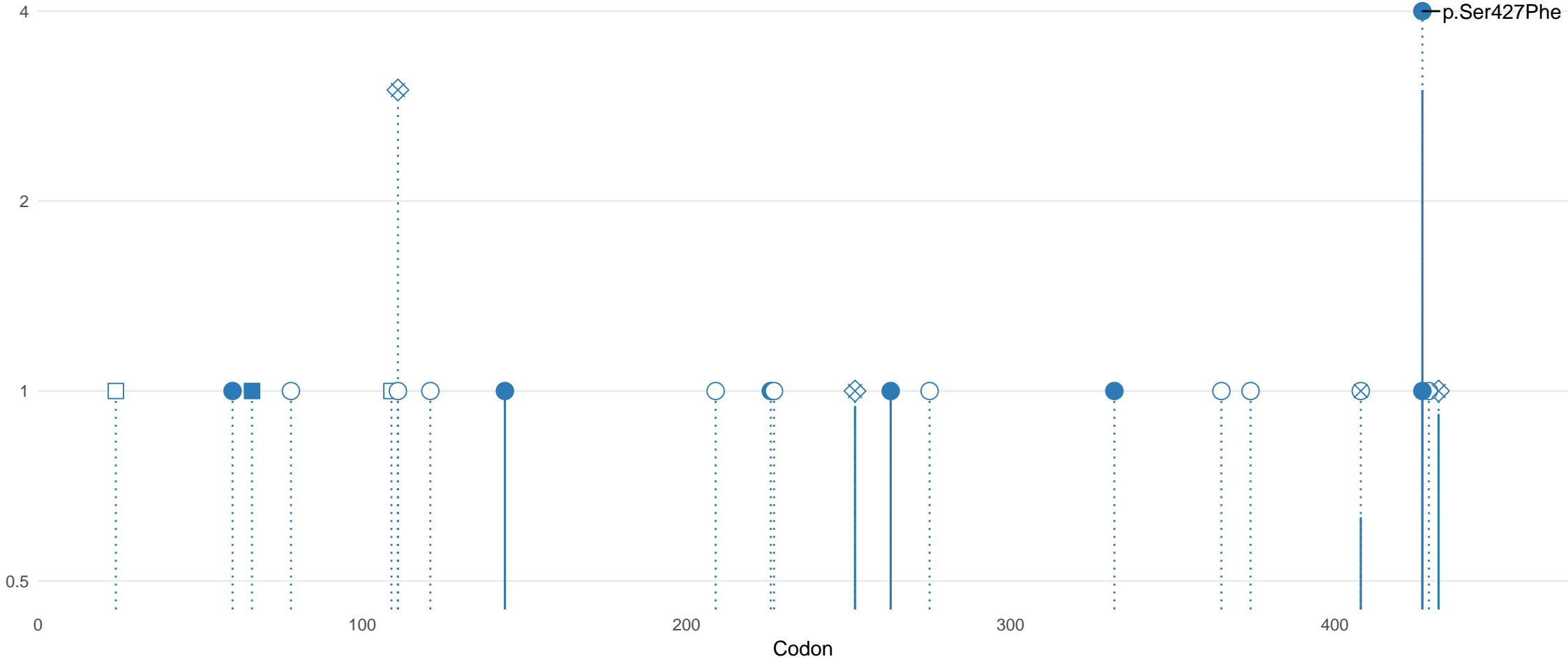
RPS6KA3 Variants



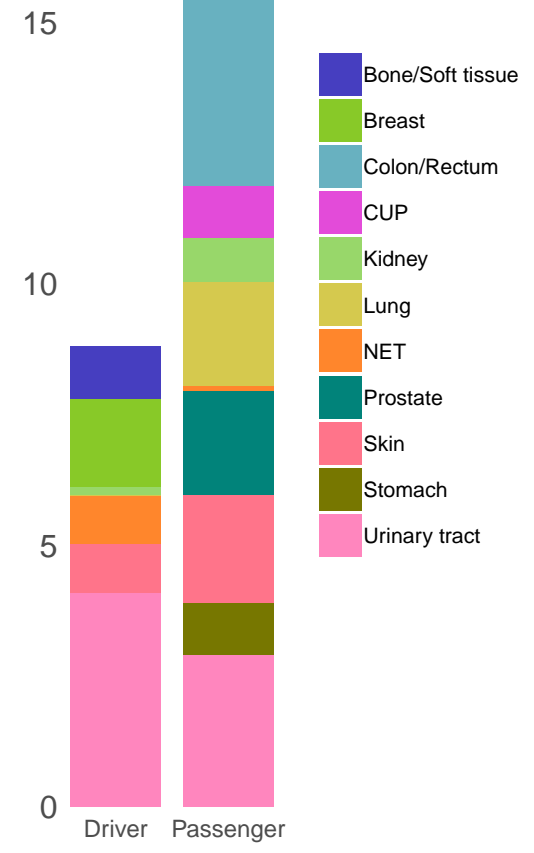
RUNX1 Variants



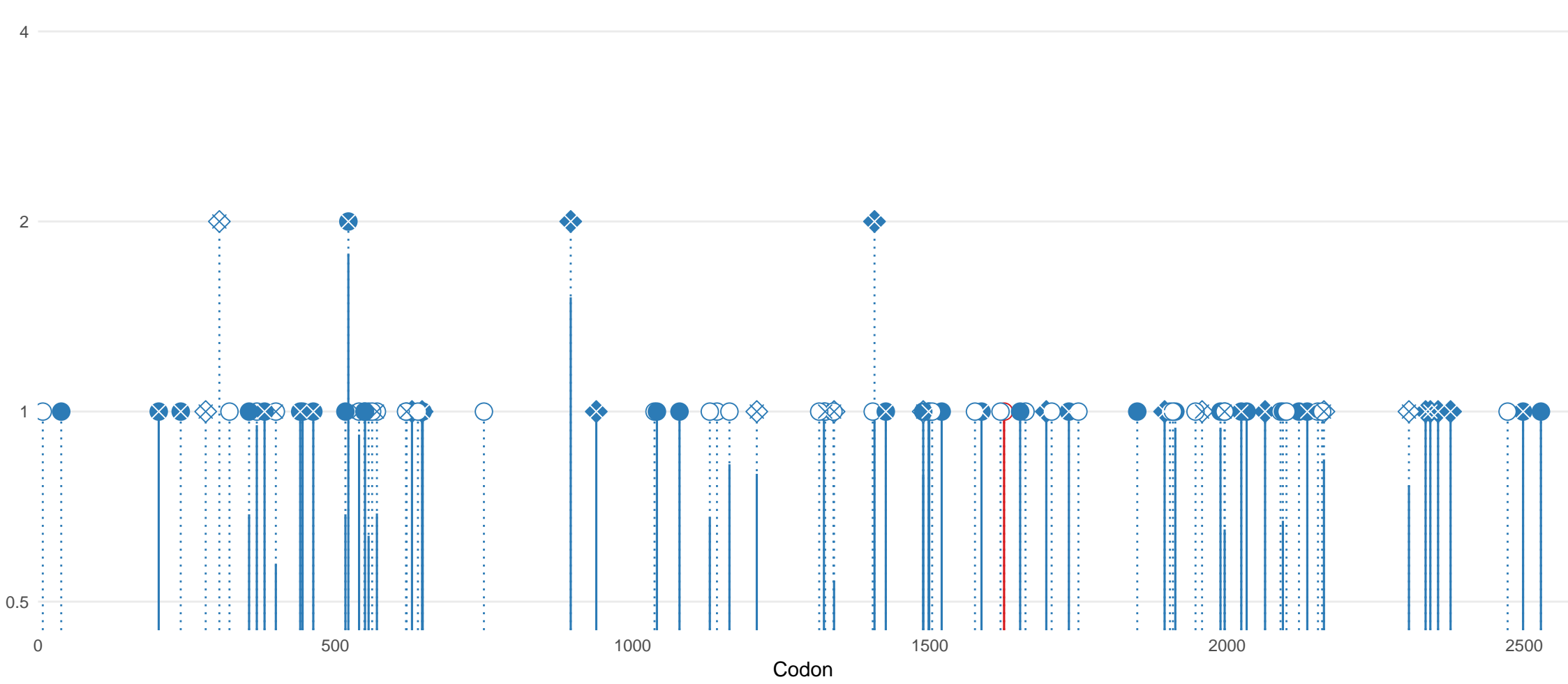
RXRA Variants



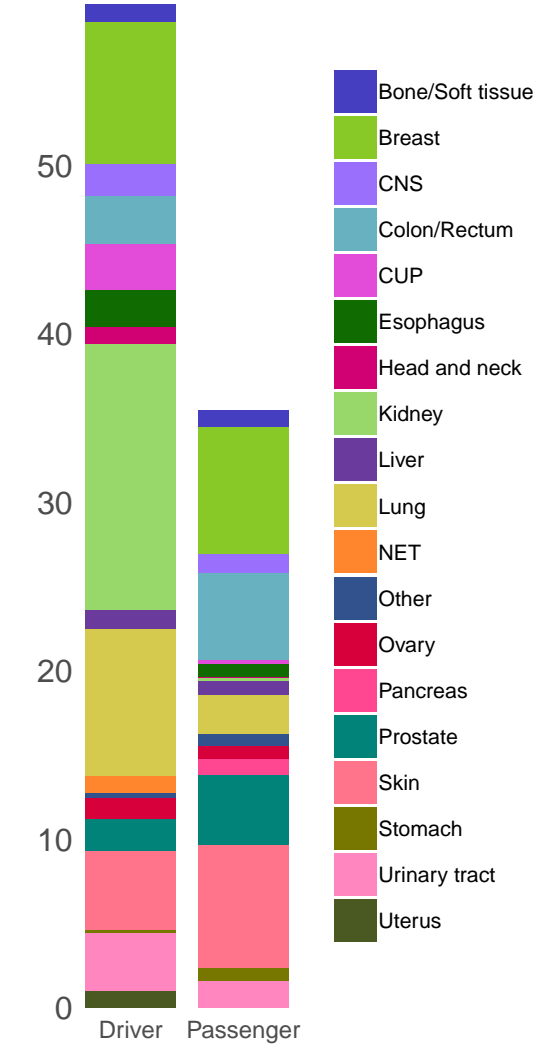
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊠ MNV nonsense ⬠ INDEL out of frame
 Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊠ MNV nonsense ⬠ INDEL out of frame Hotspot: ●



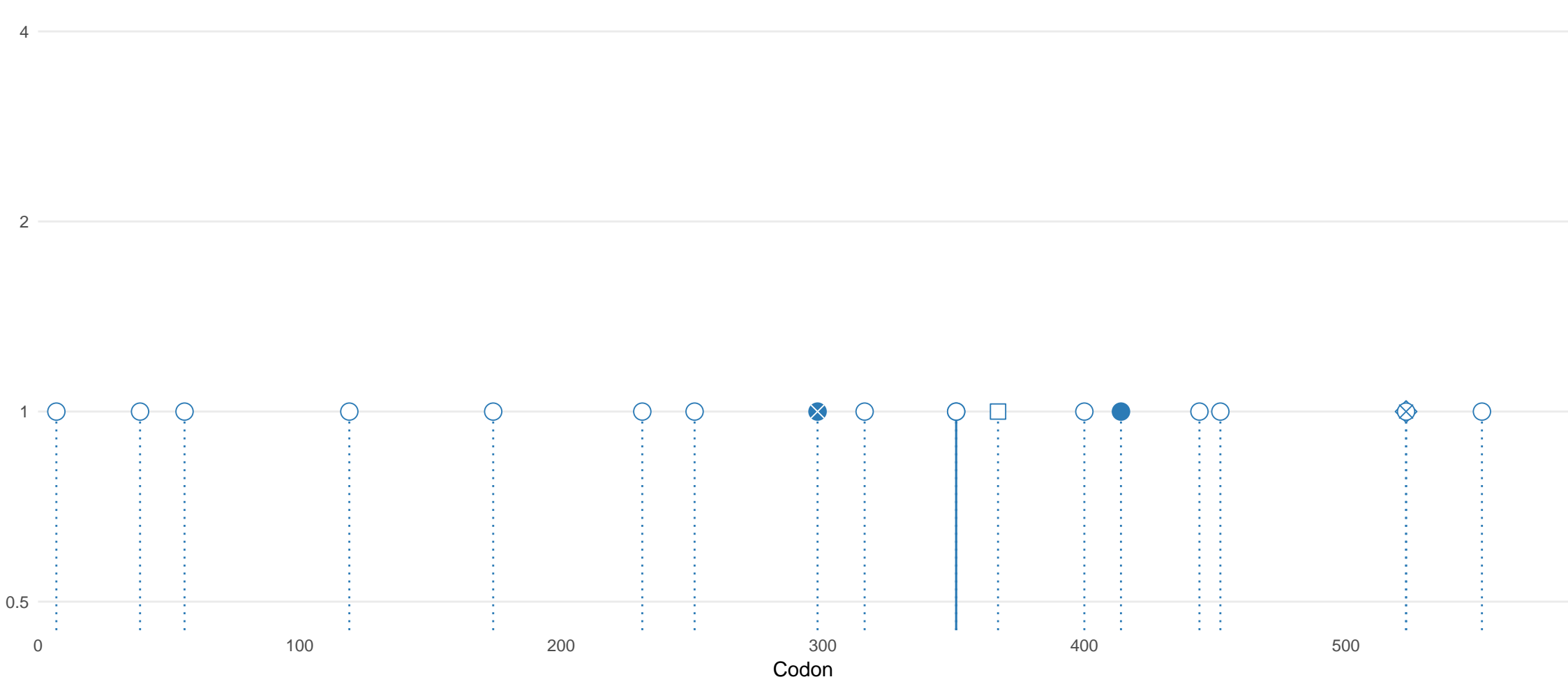
SETD2 Variants



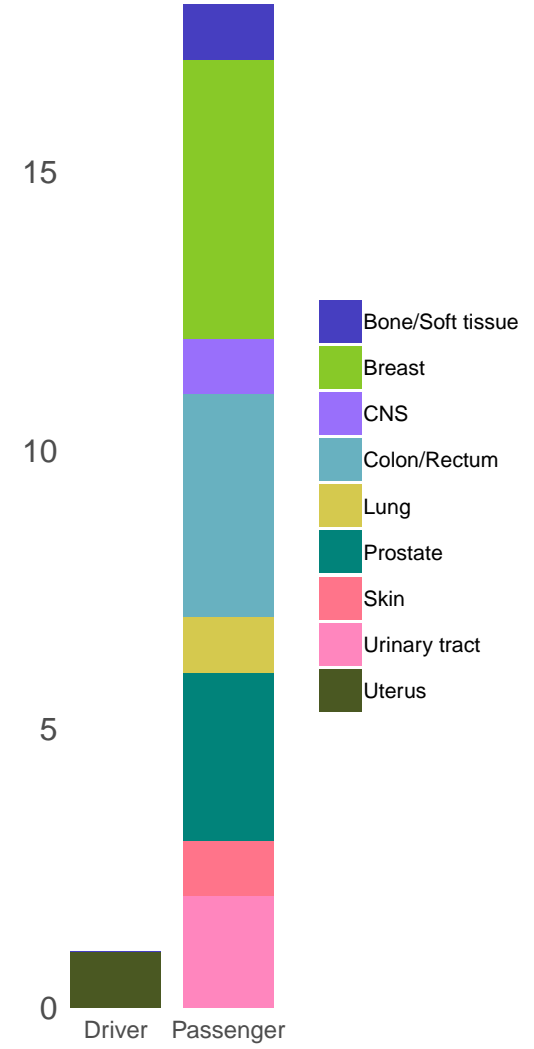
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●



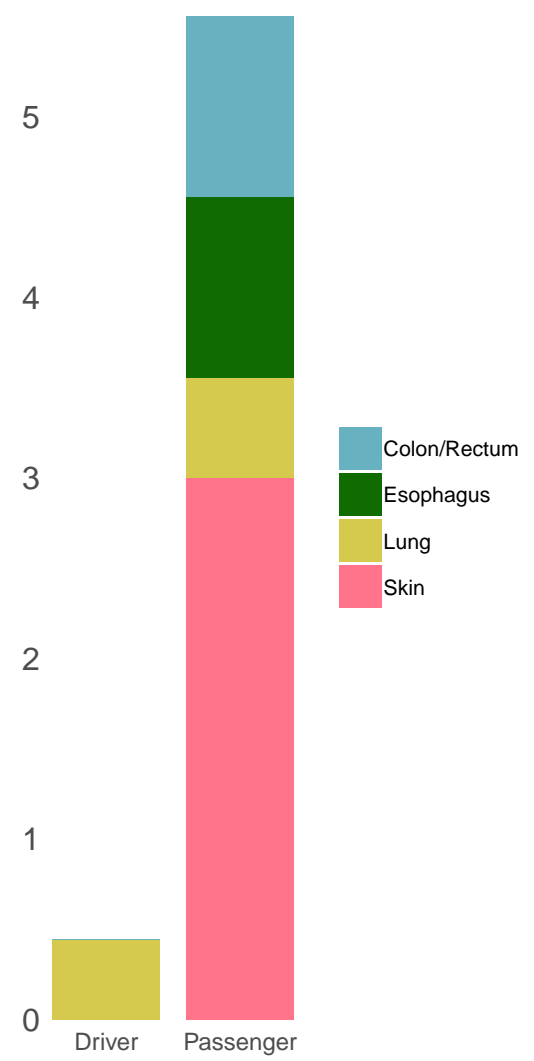
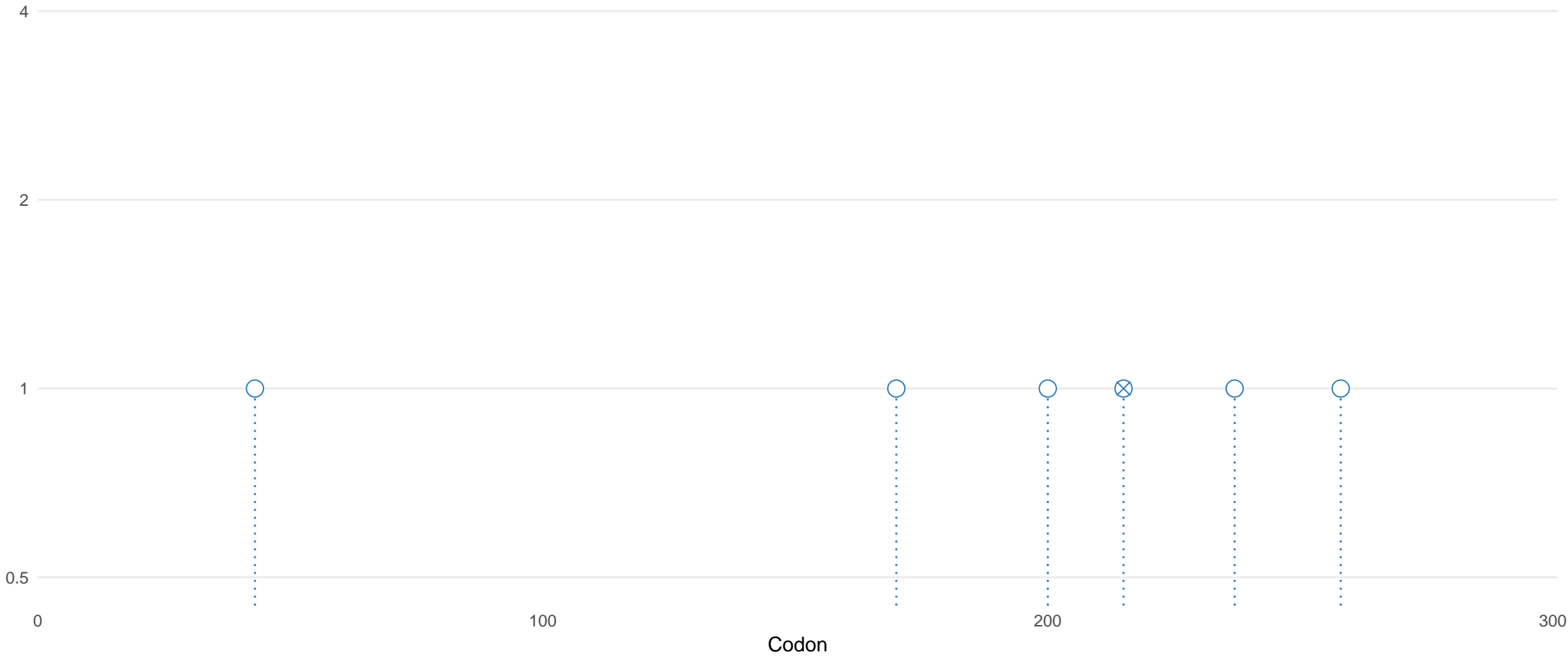
SH2B3 Variants



Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multi-hit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Hotspot: ●

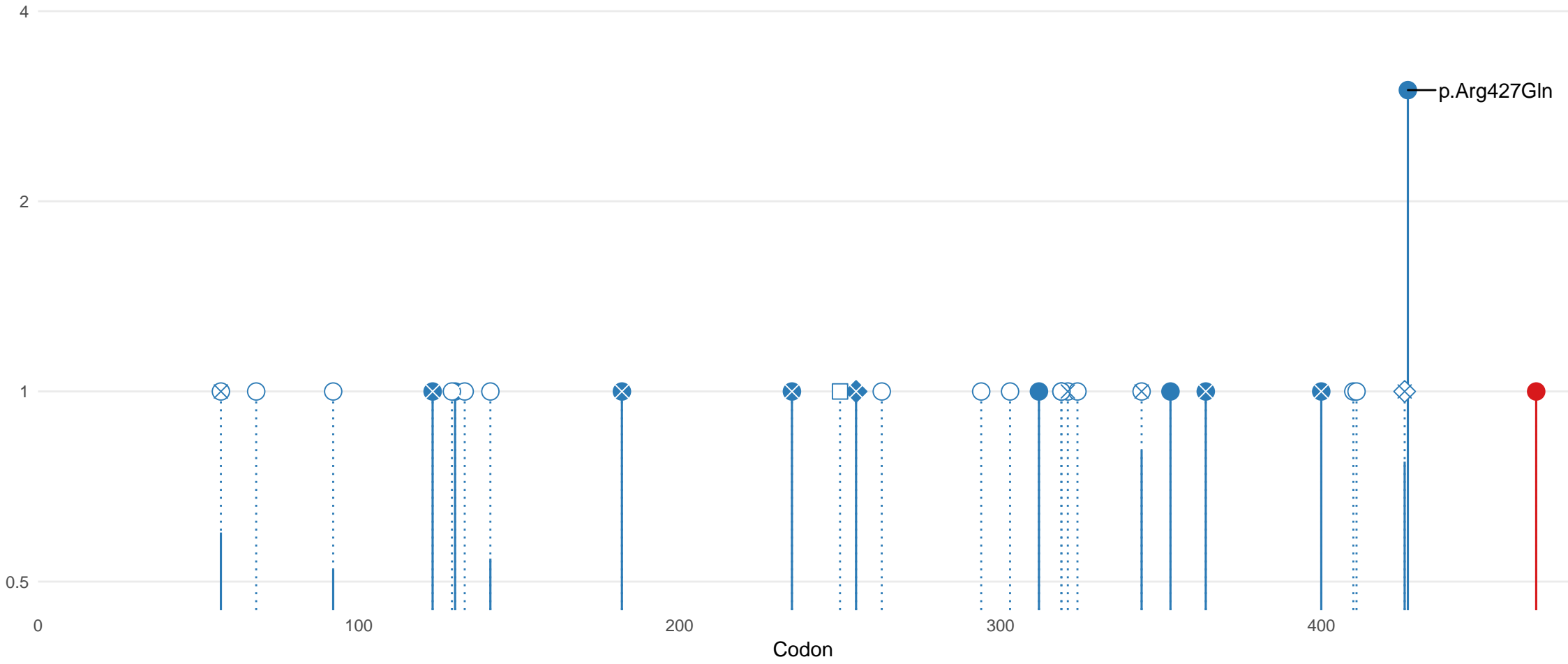


SIX2 Variants

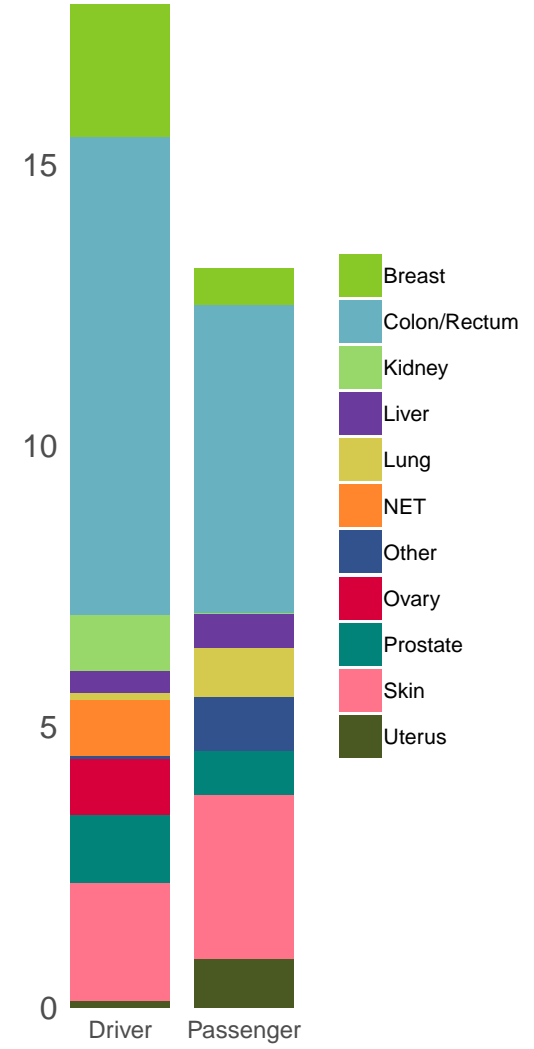


Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●

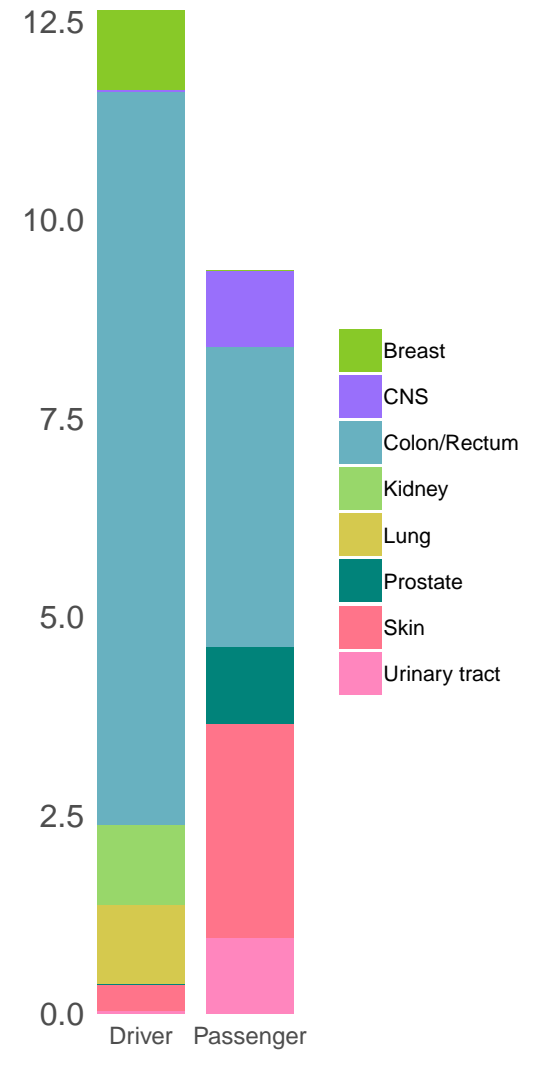
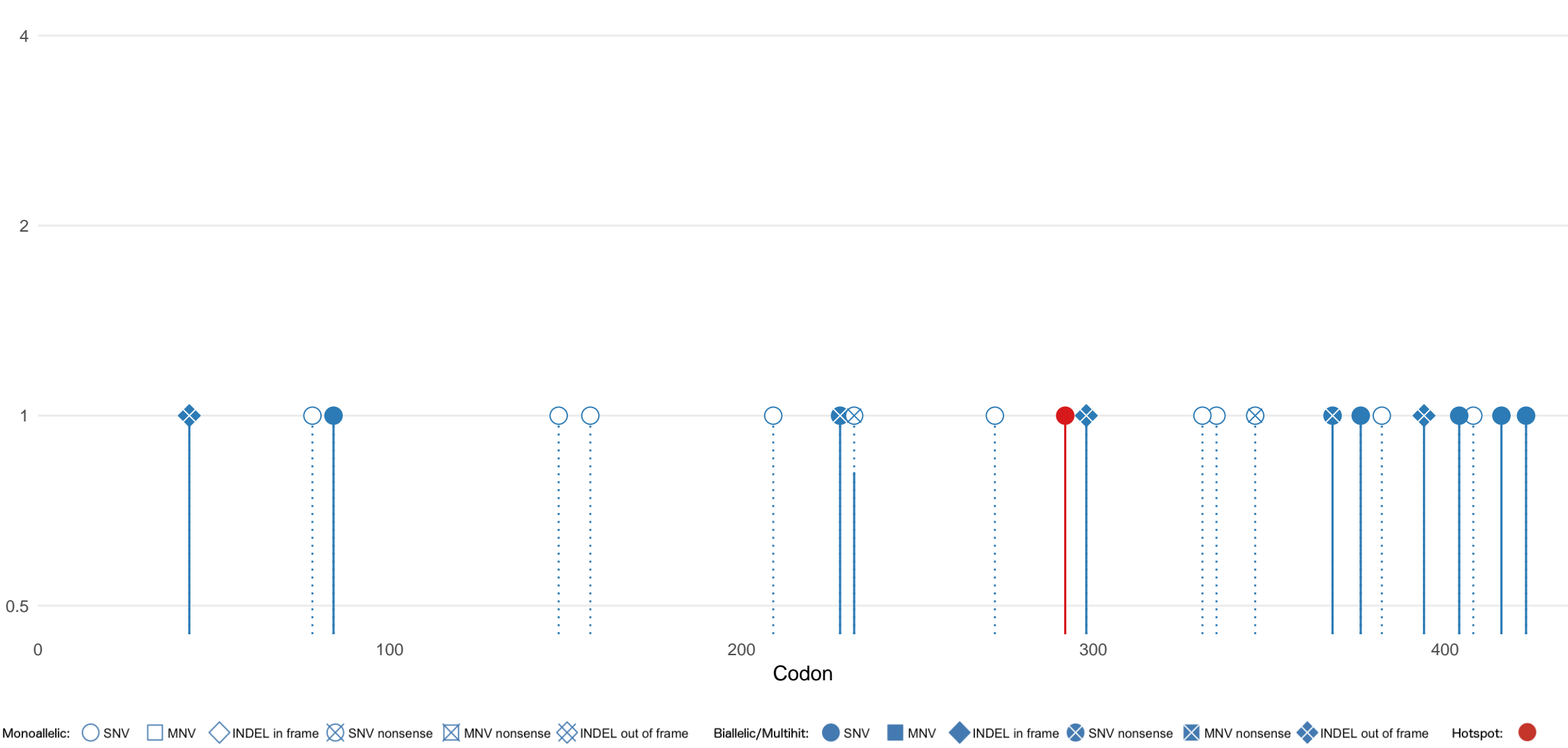
SMAD2 Variants



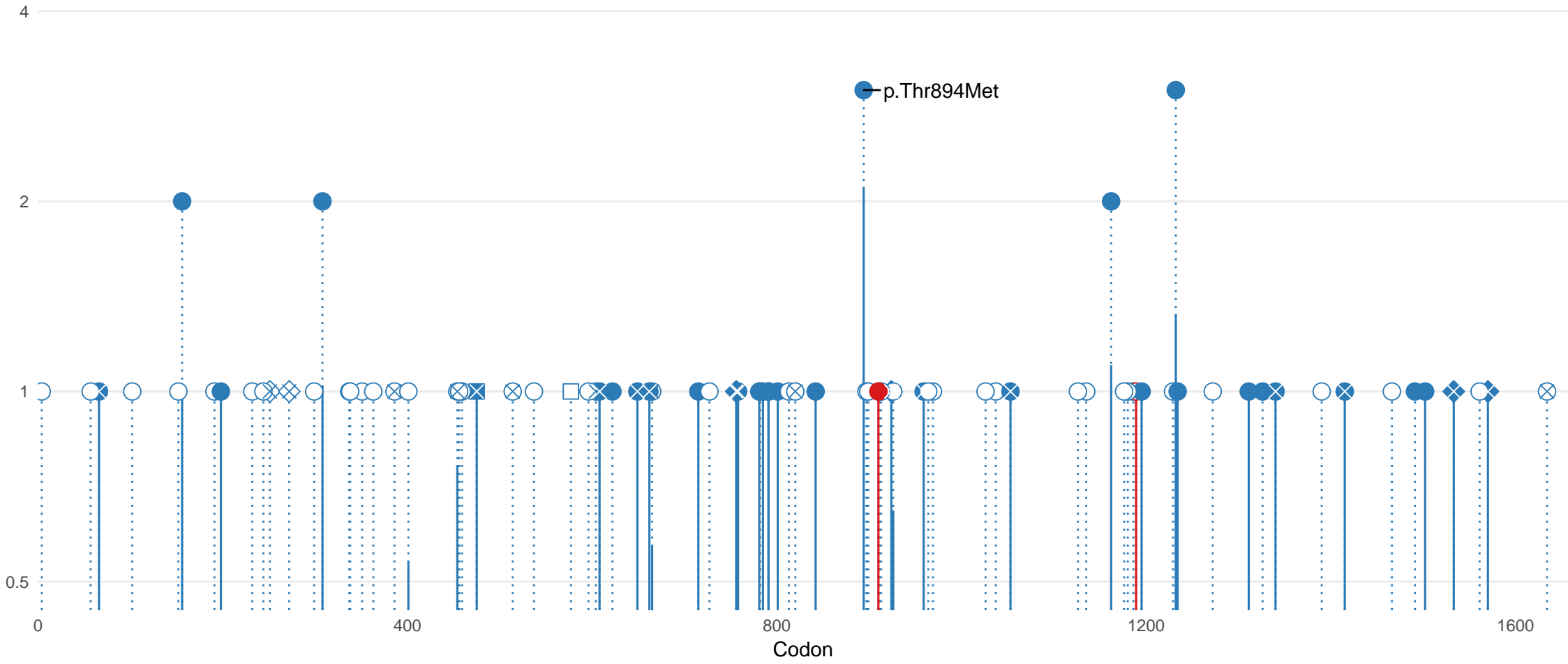
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊠ MNV nonsense ⋈ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊠ MNV nonsense ⋈ INDEL out of frame
Hotspot: ●



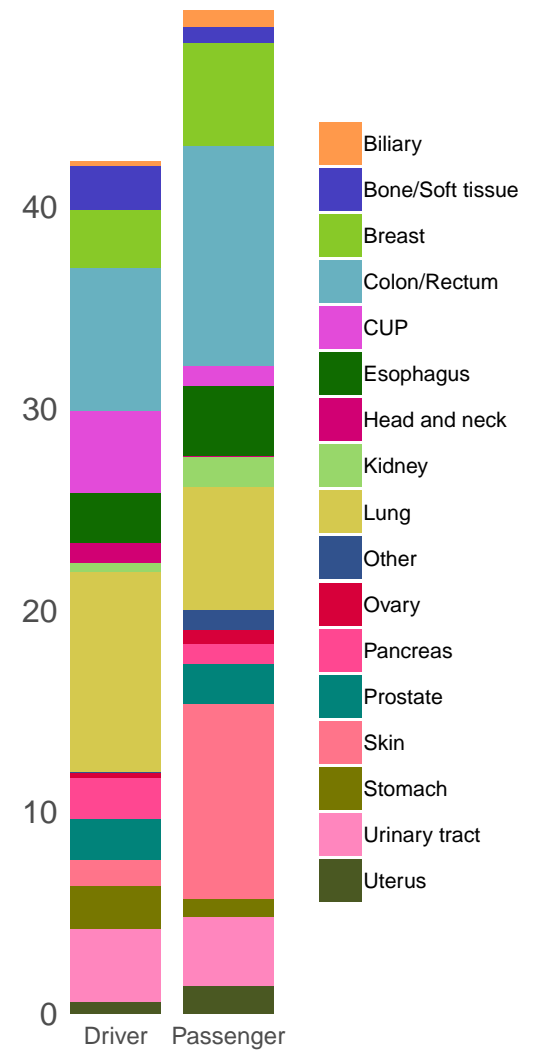
SMAD3 Variants



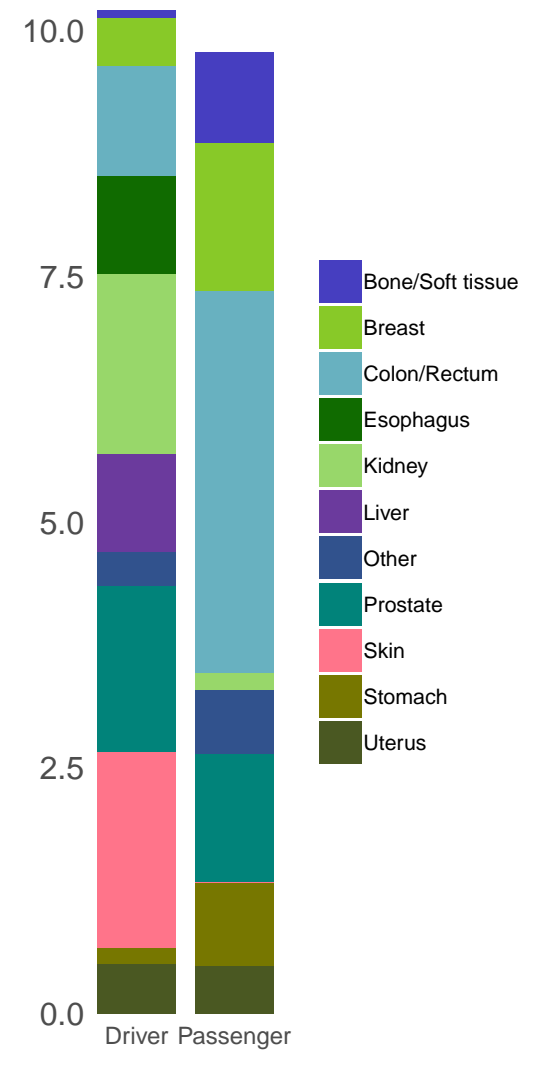
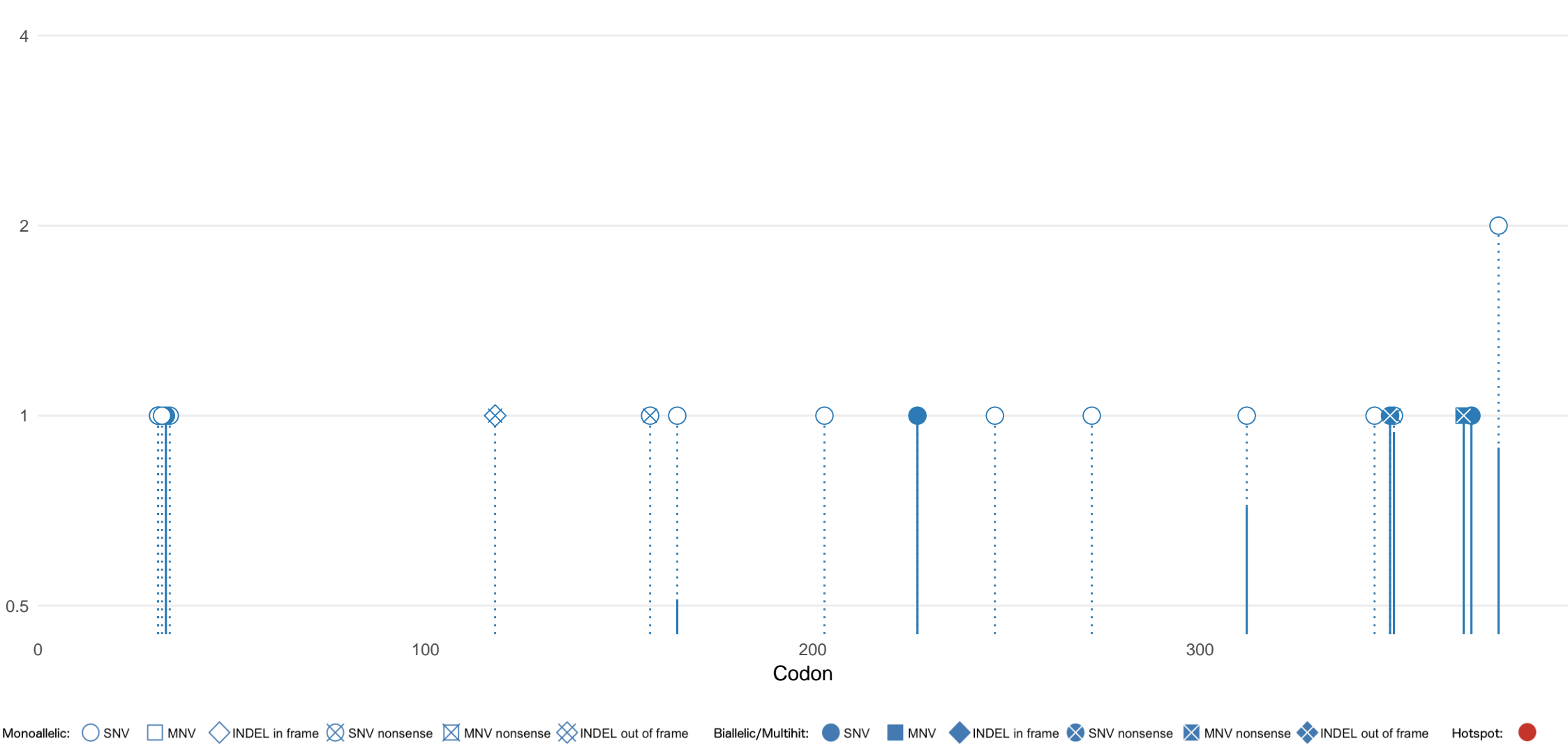
SMARCA4 Variants



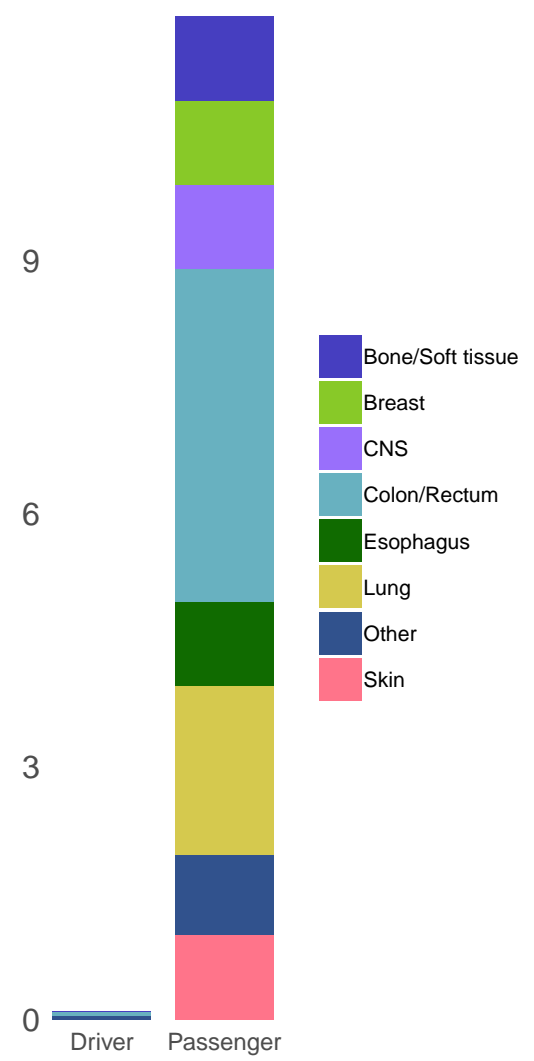
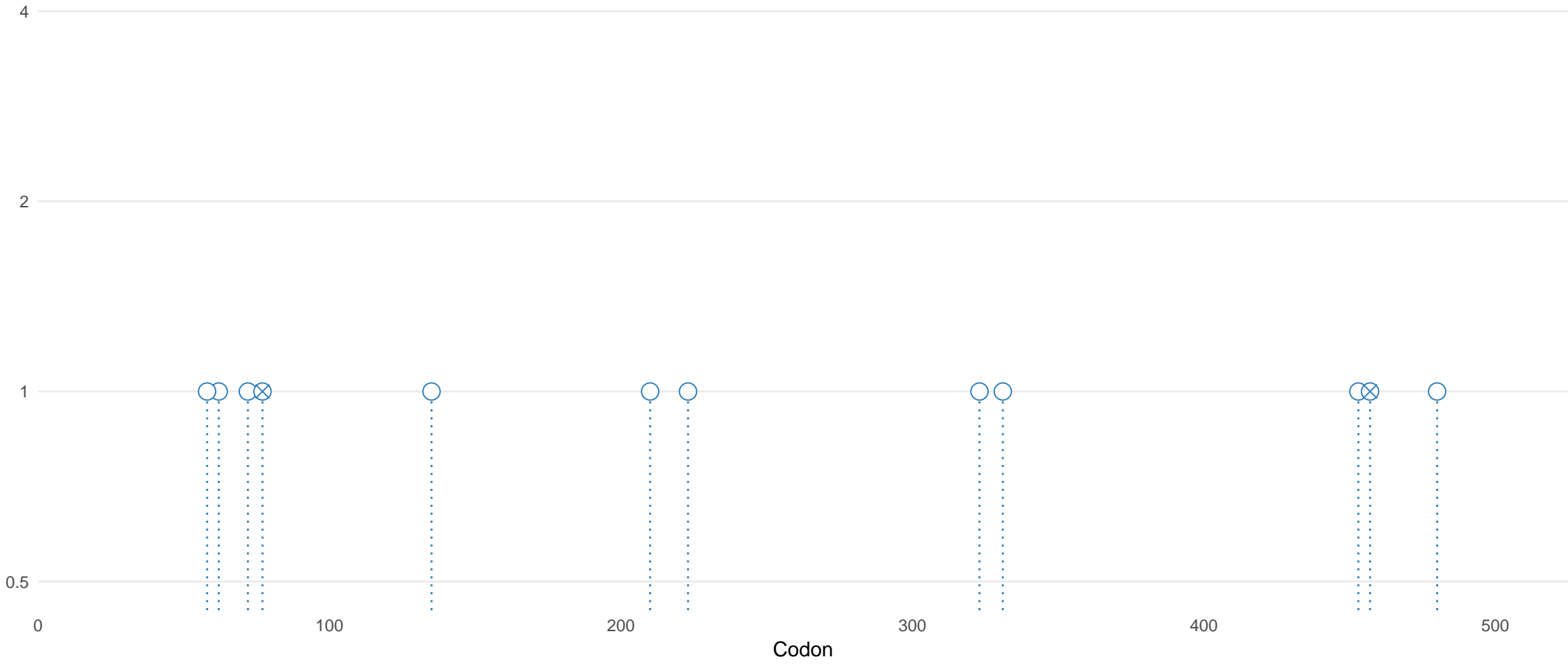
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
 Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame Hotspot: ●



SMARCB1 Variants



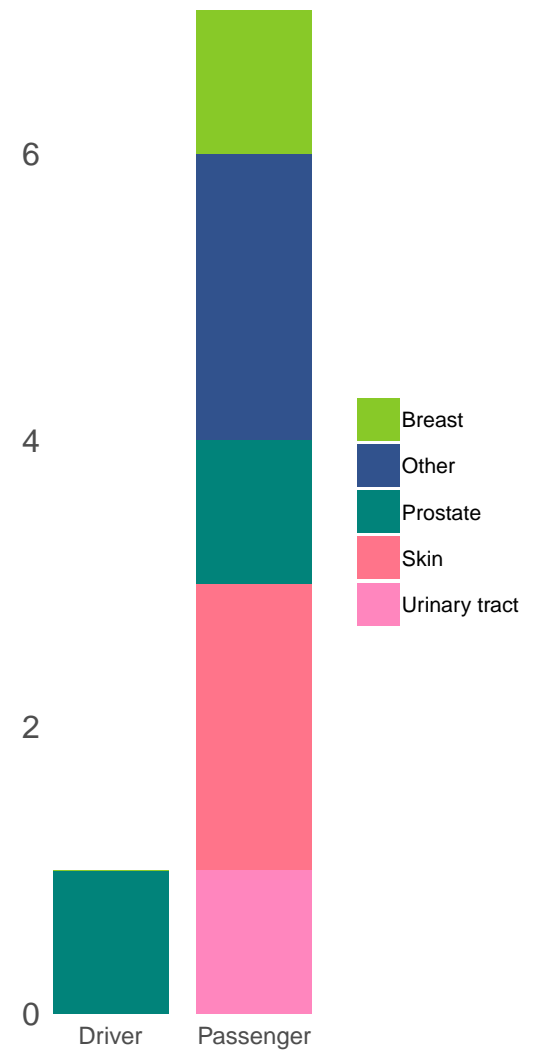
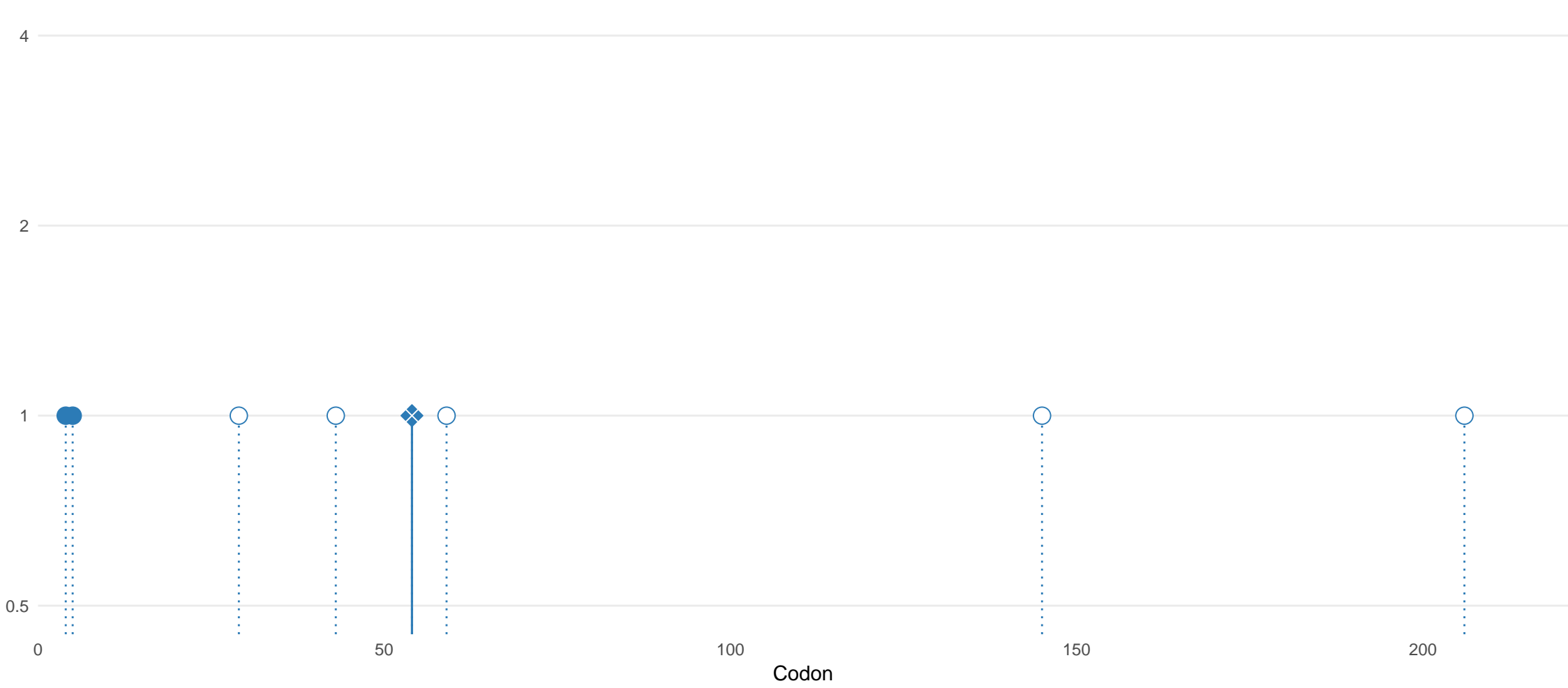
SMARCD1 Variants



Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
 Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
 Hotspot: ●

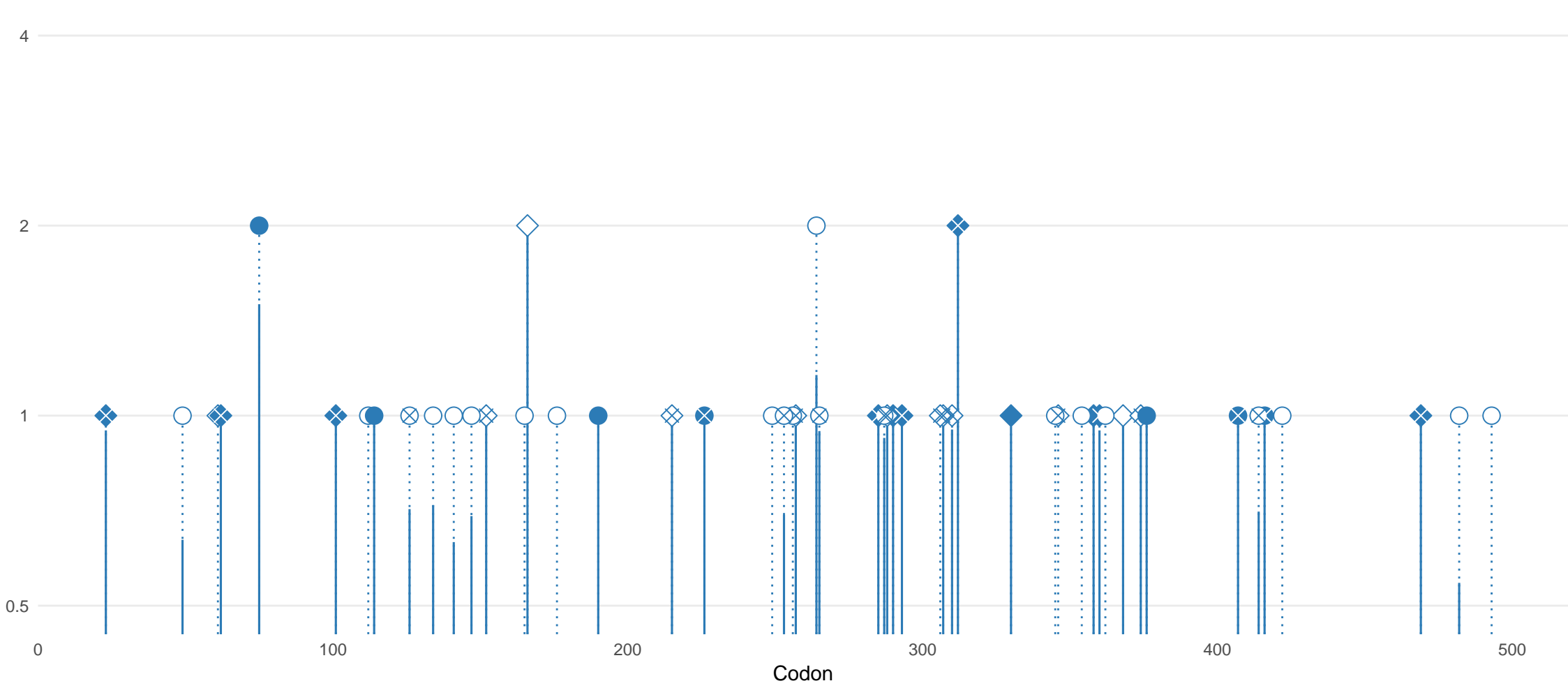
0 Driver Passenger

SOCS1 Variants

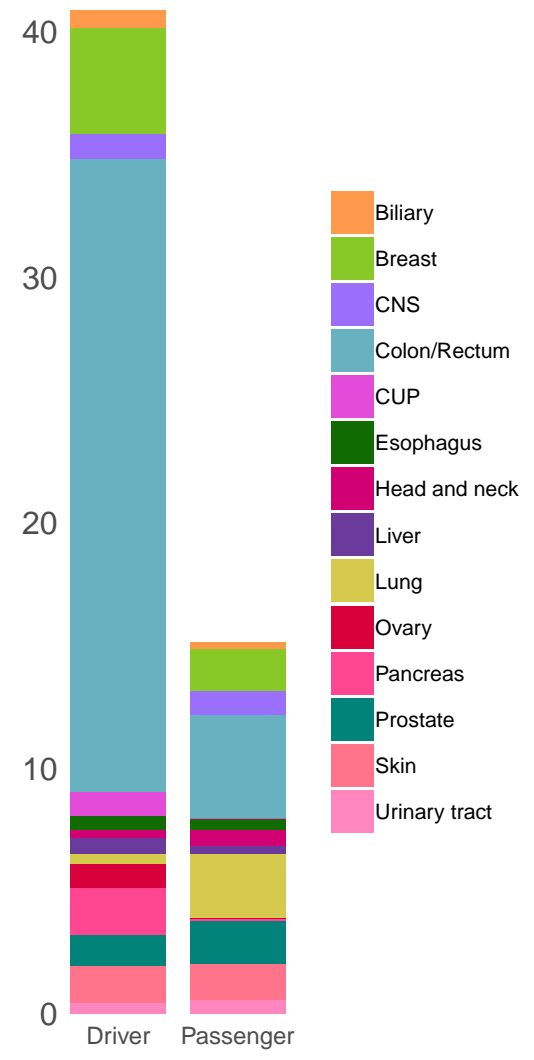


Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
 Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
 Hotspot: ●

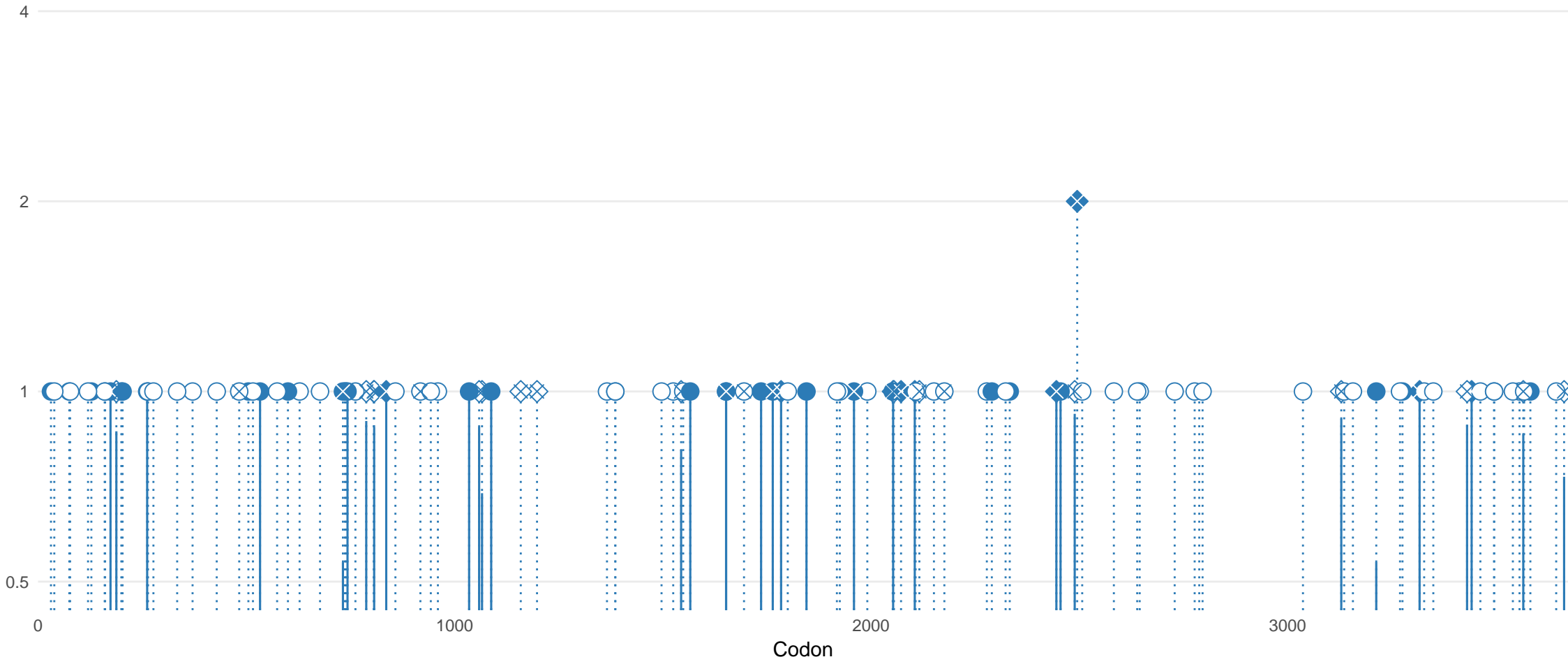
SOX9 Variants



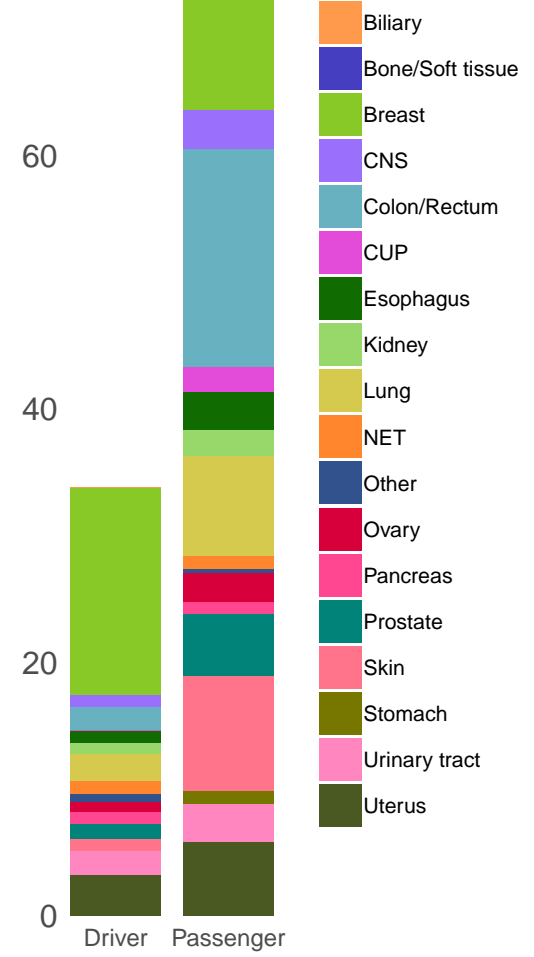
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multi-hit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●



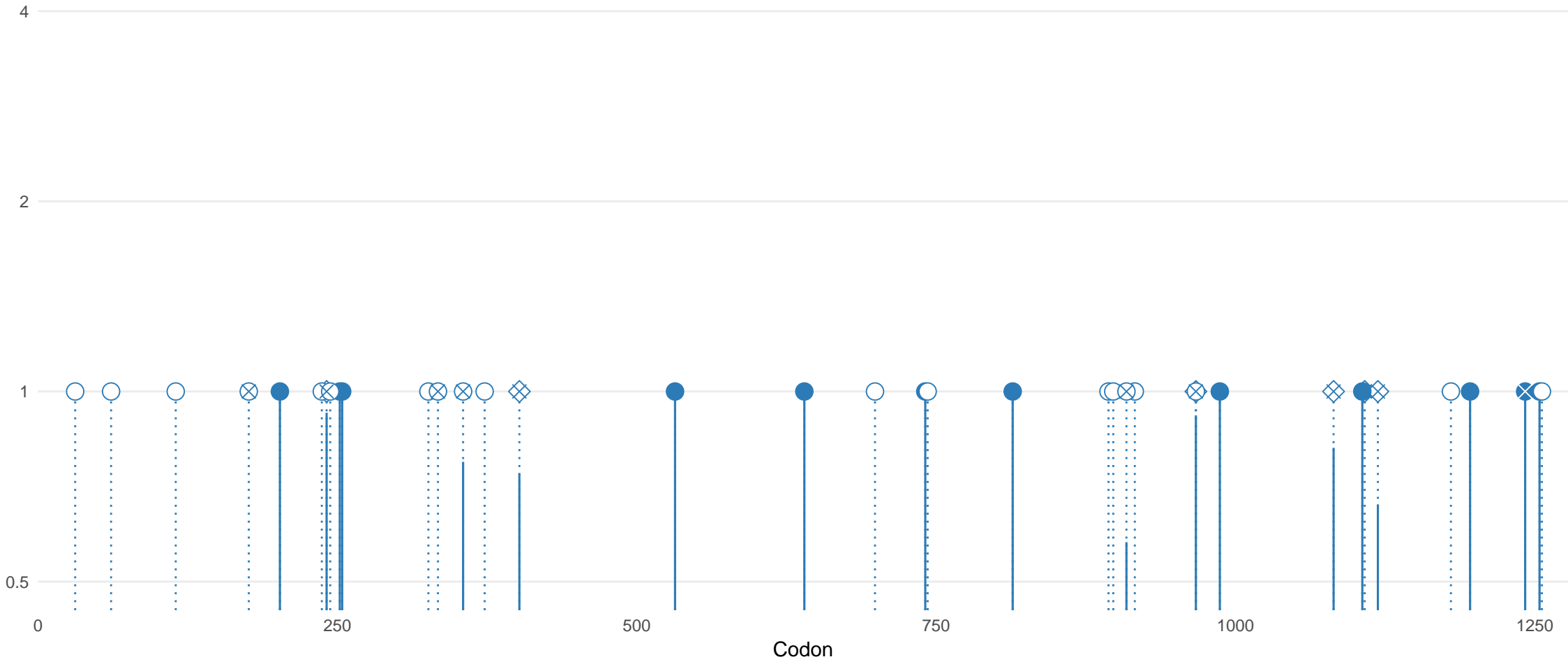
SPEN Variants



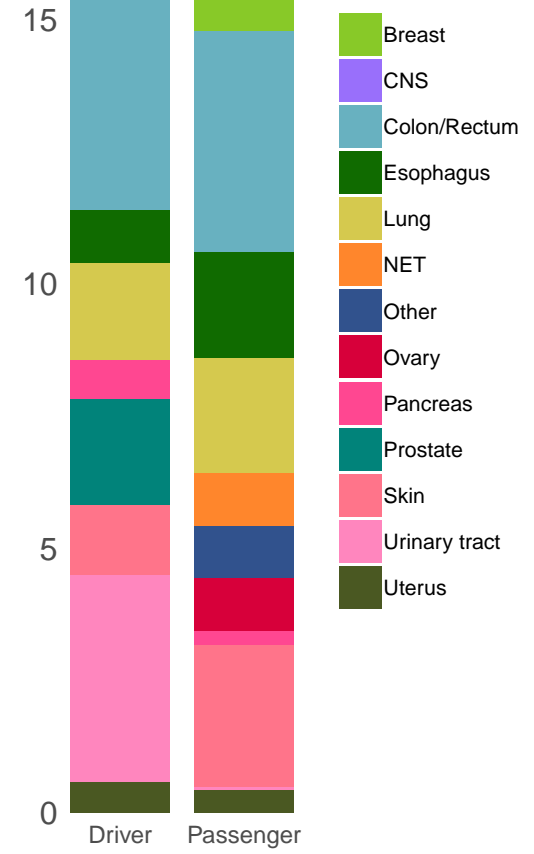
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●



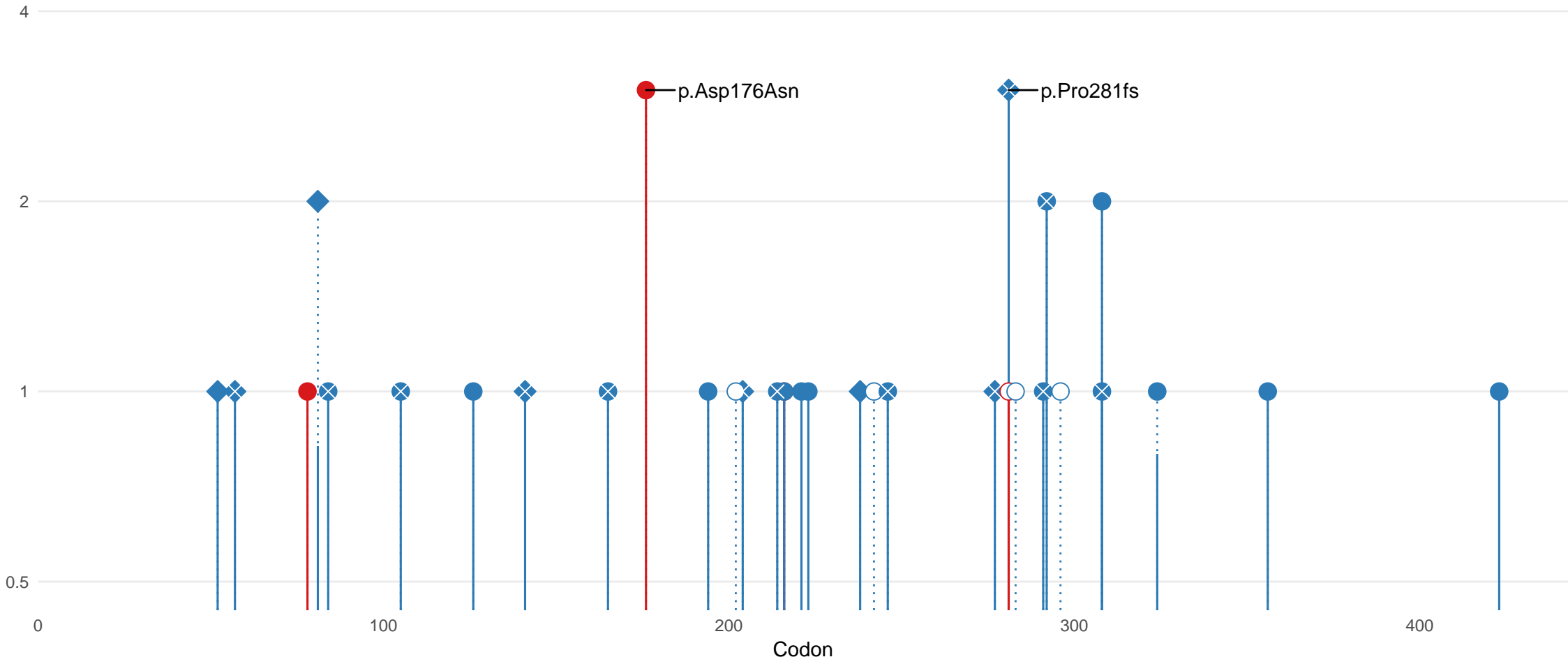
STAG2 Variants



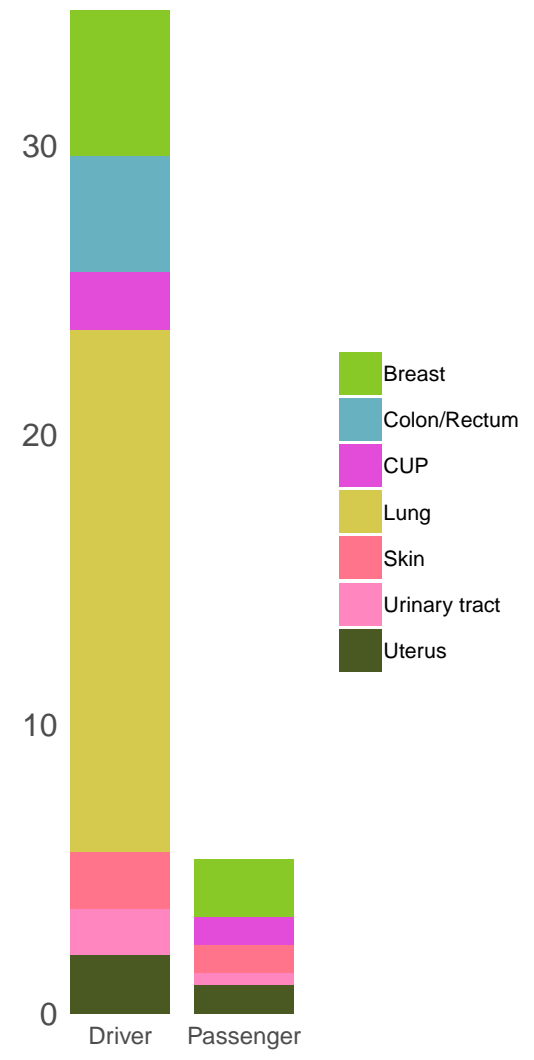
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●



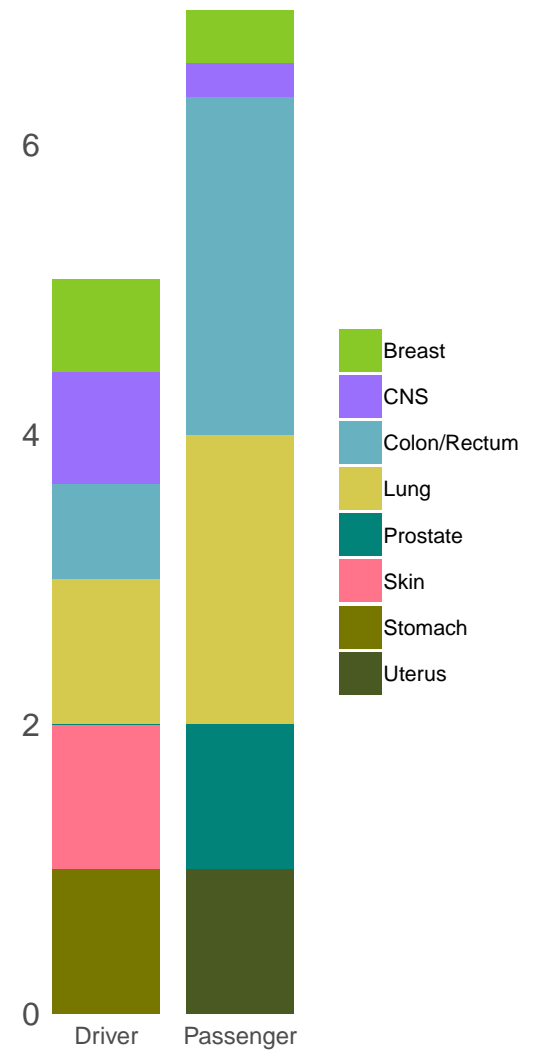
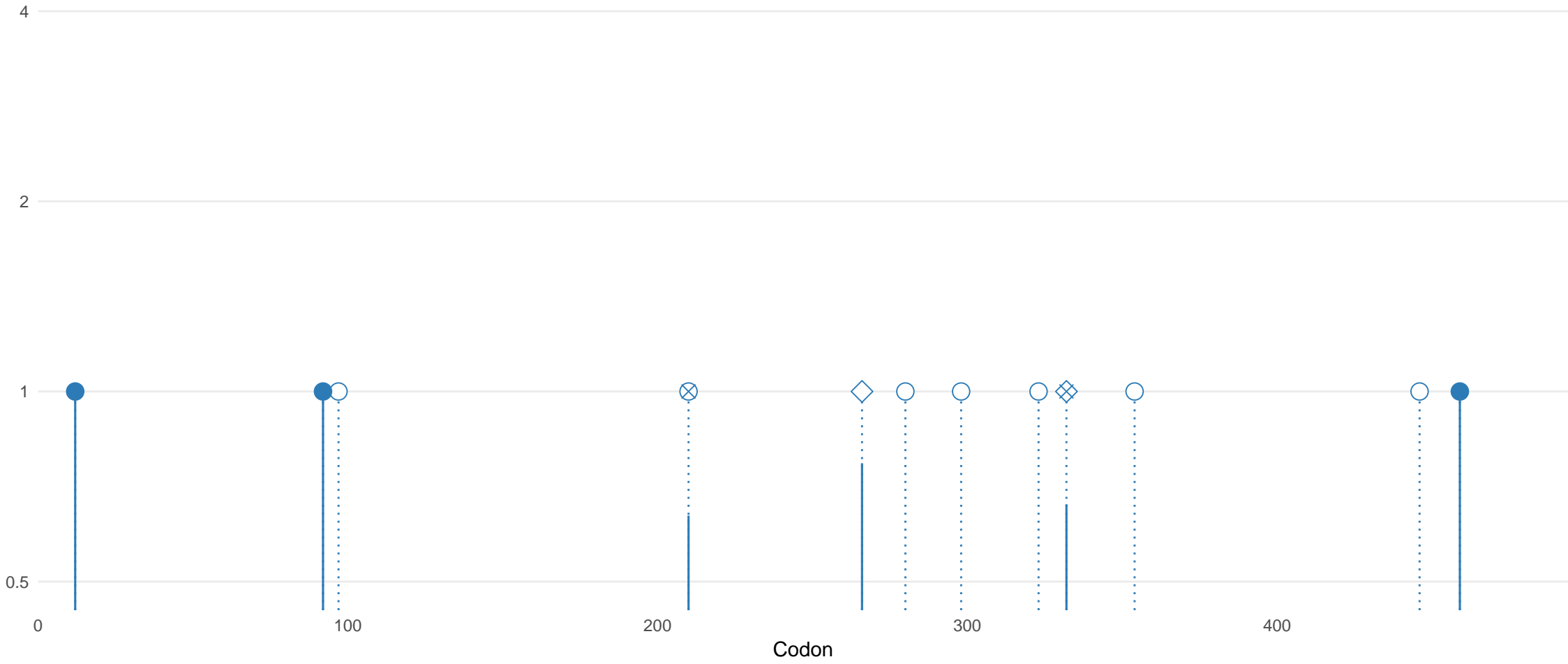
STK11 Variants



Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●

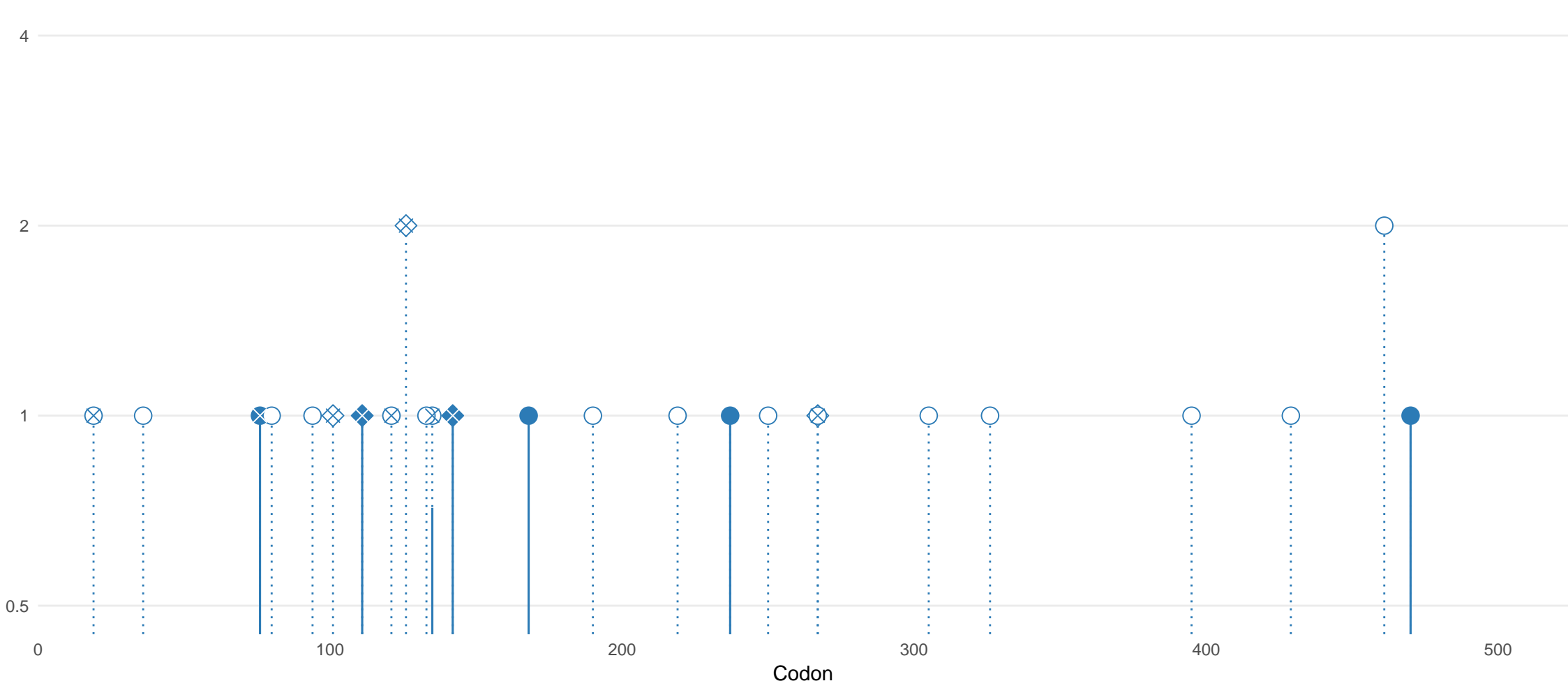


SUFU Variants

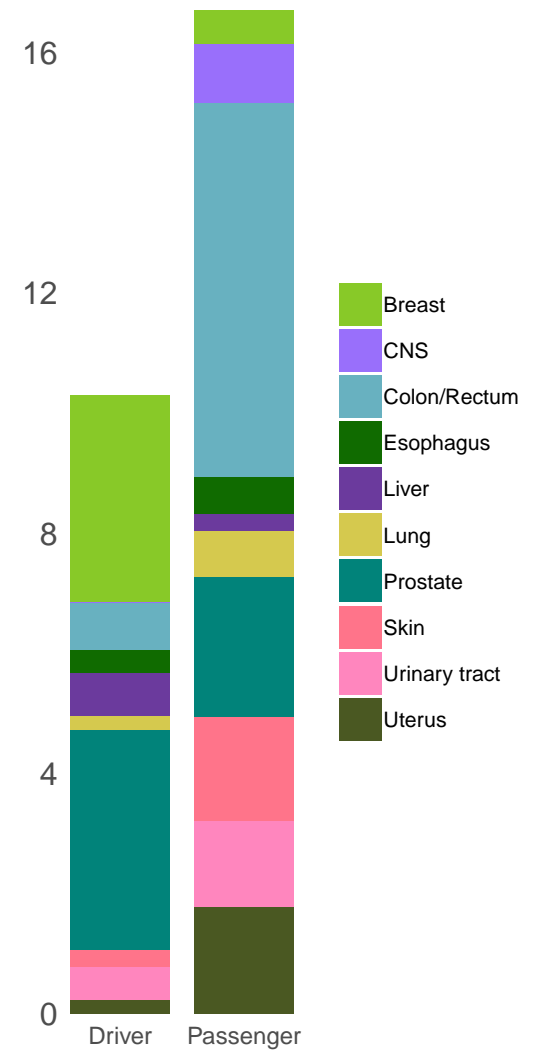


Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
 Biallelic/Multi-hit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
 Hotspot: ●

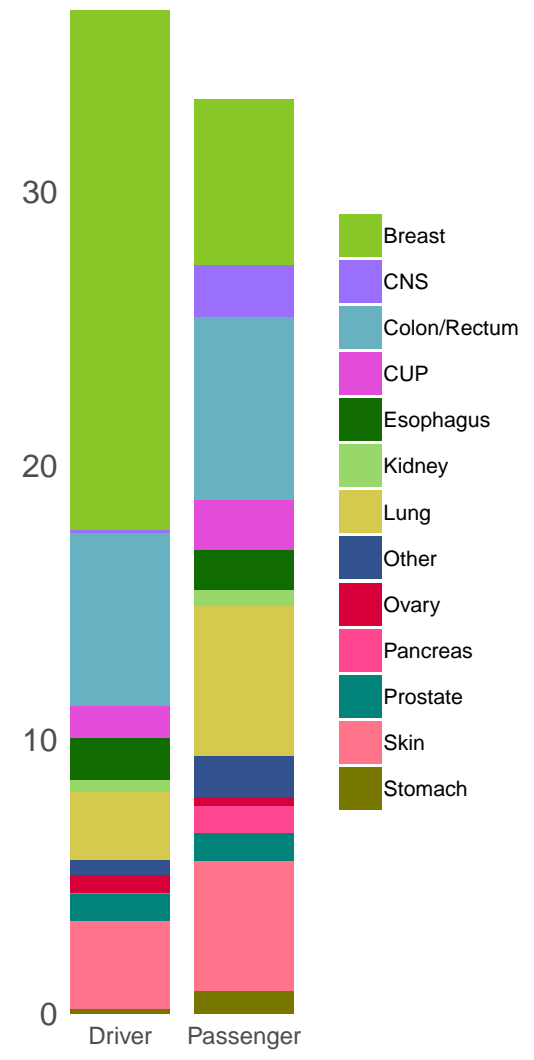
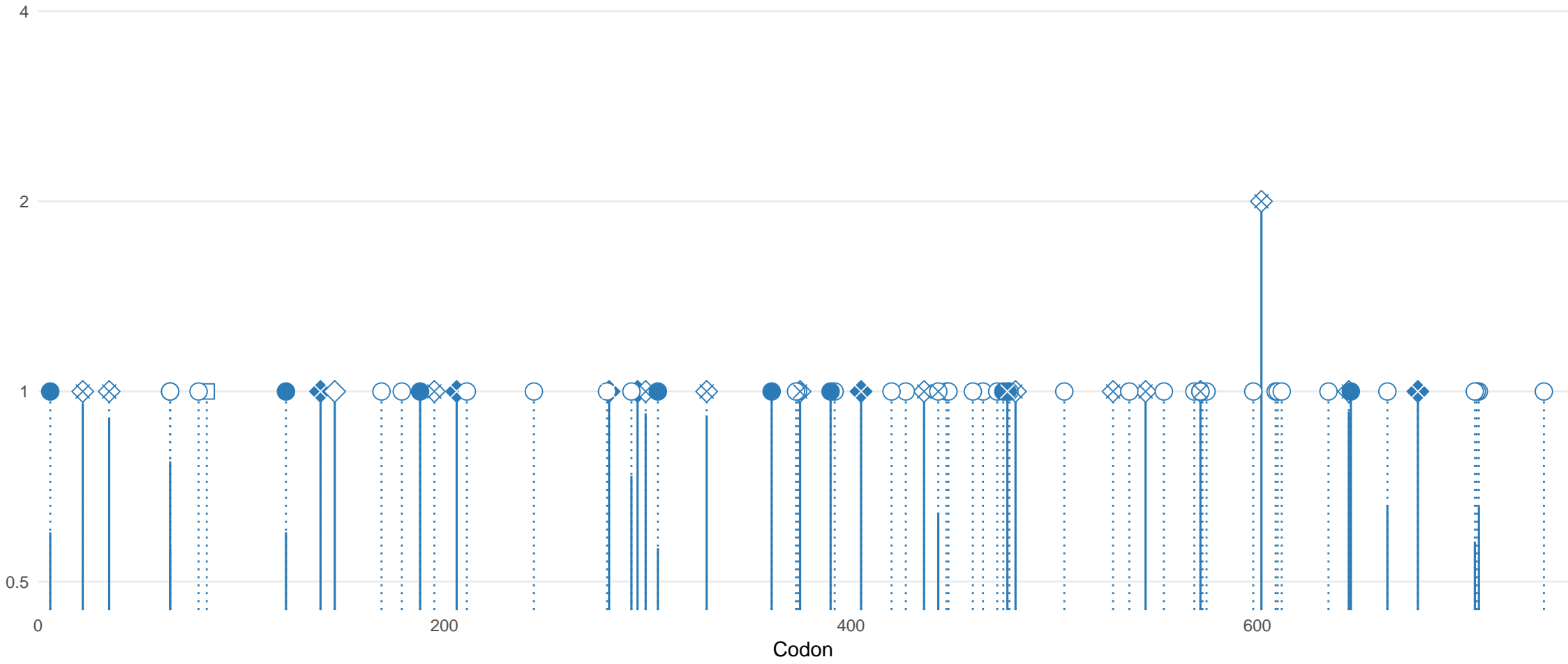
TBL1XR1 Variants



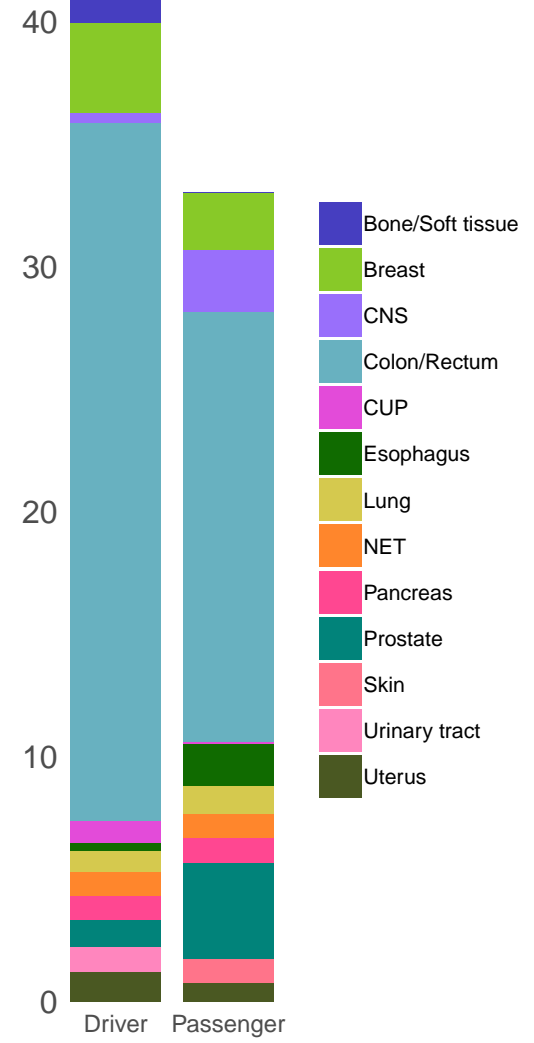
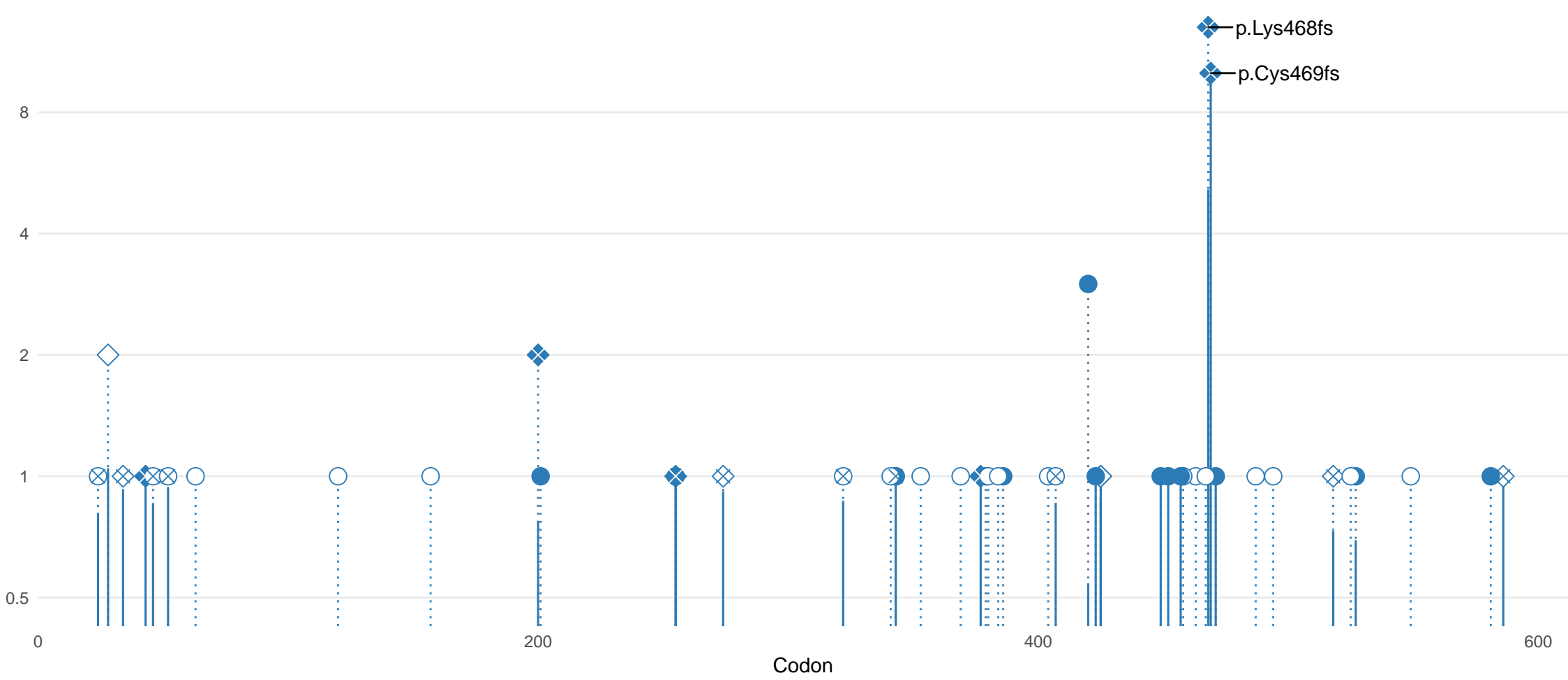
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊠ MNV nonsense ⬠ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊠ MNV nonsense ⬠ INDEL out of frame
Hotspot: ●



TBX3 Variants

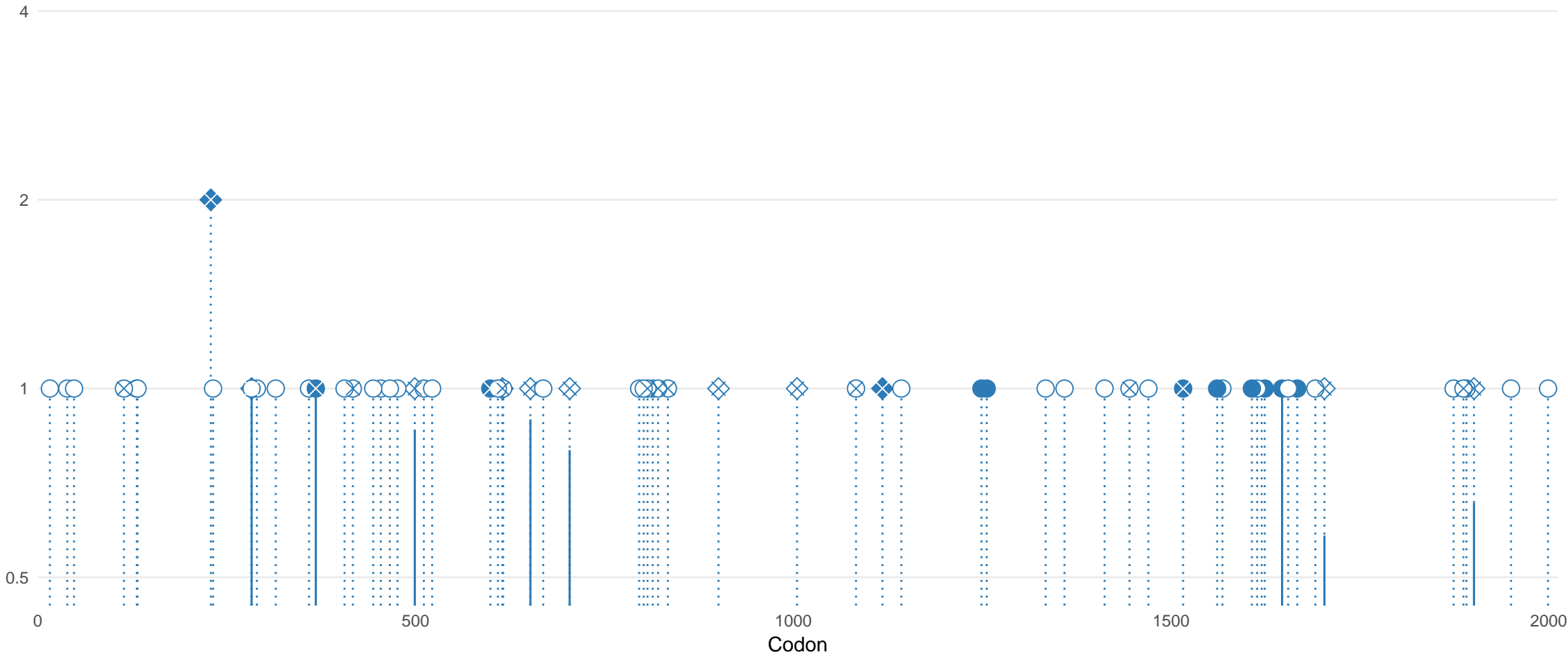


TCF7L2 Variants

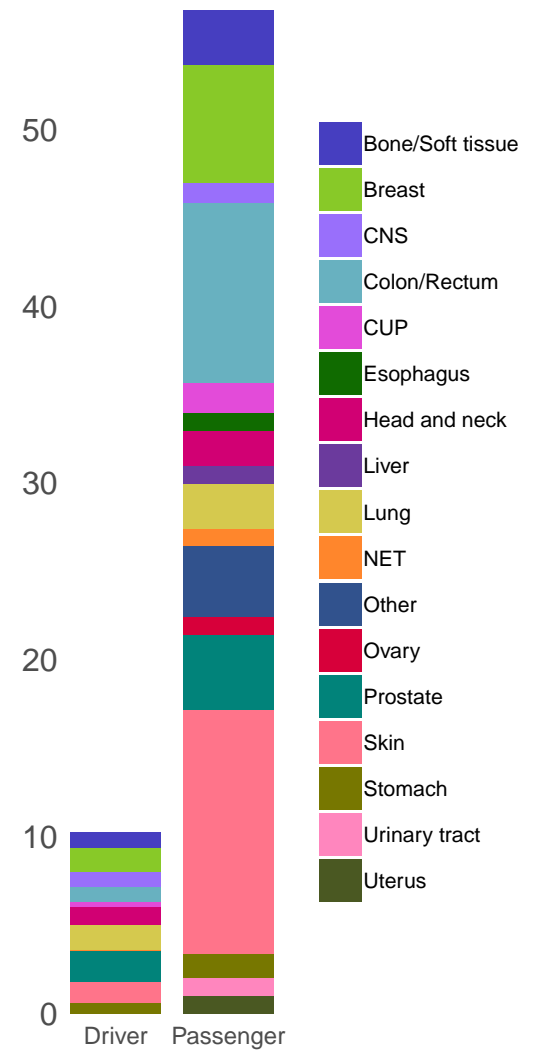


Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊠ MNV nonsense ⊞ INDEL out of frame Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊠ MNV nonsense ⊞ INDEL out of frame Hotspot: ● (Red)

TET2 Variants

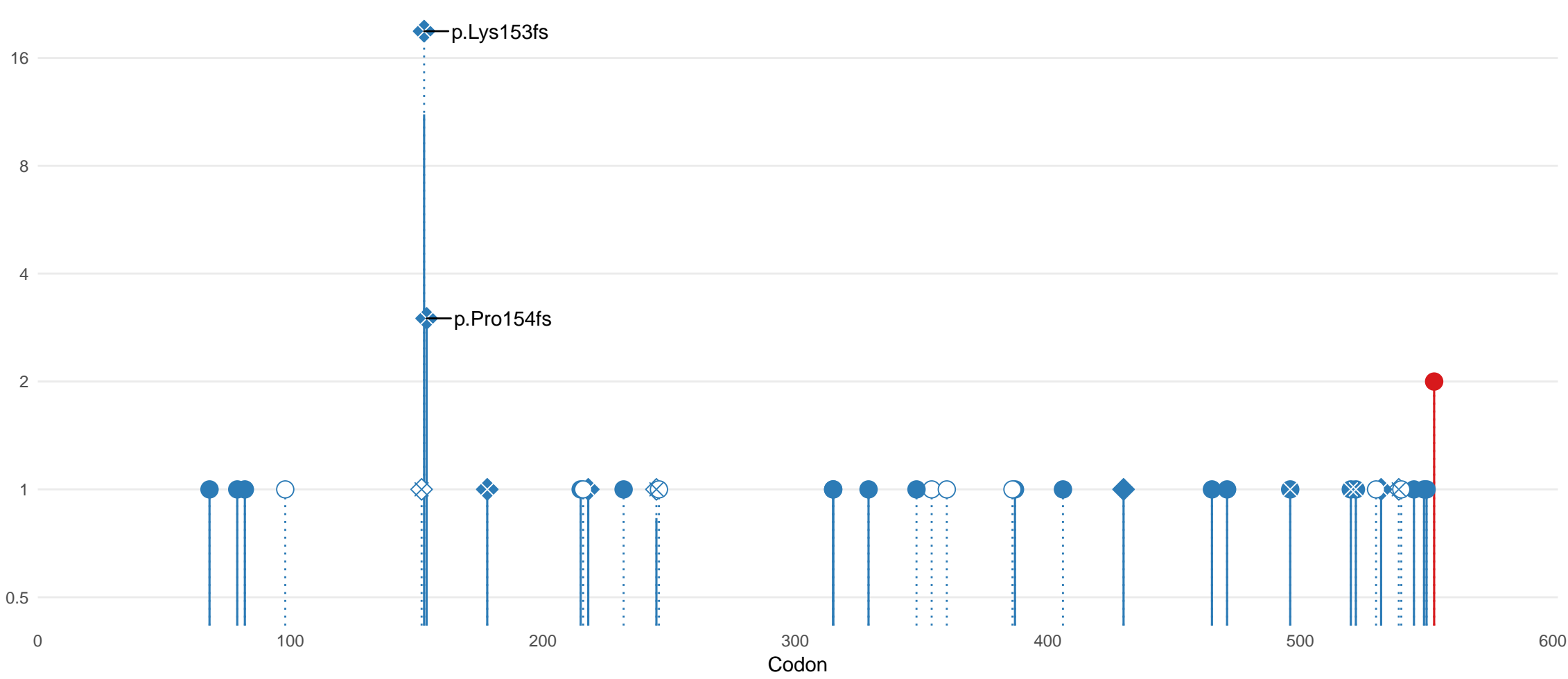


Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●

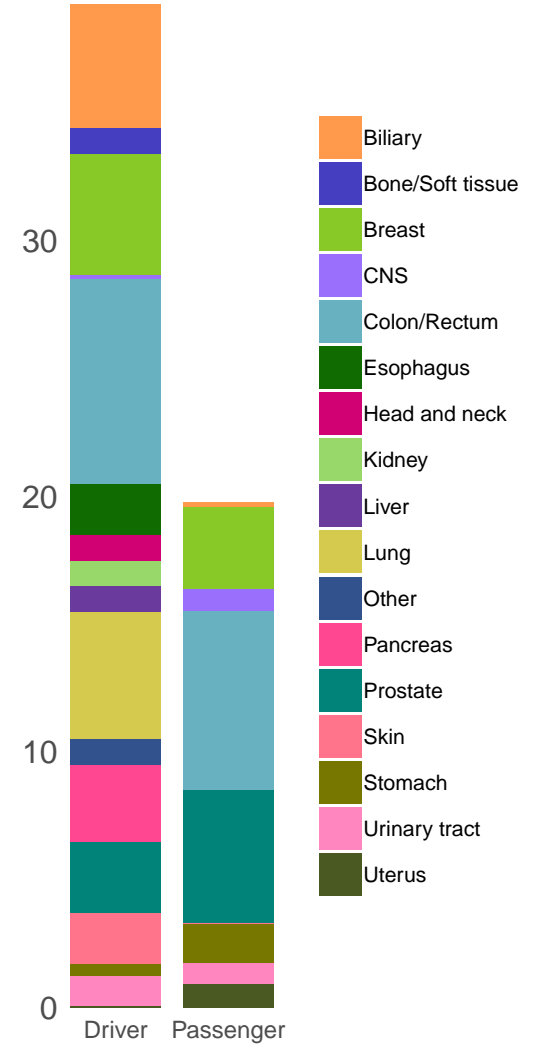


Driver Passenger

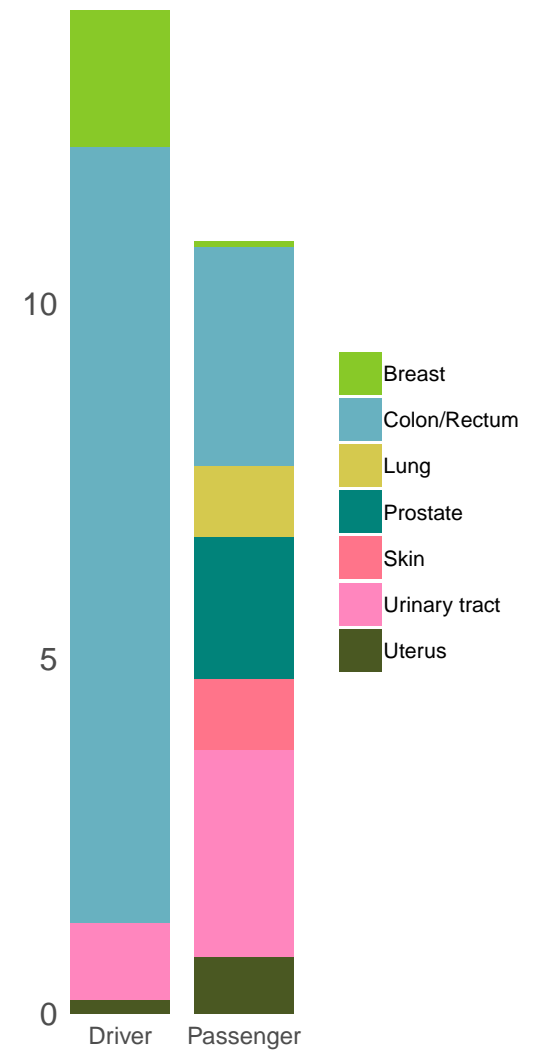
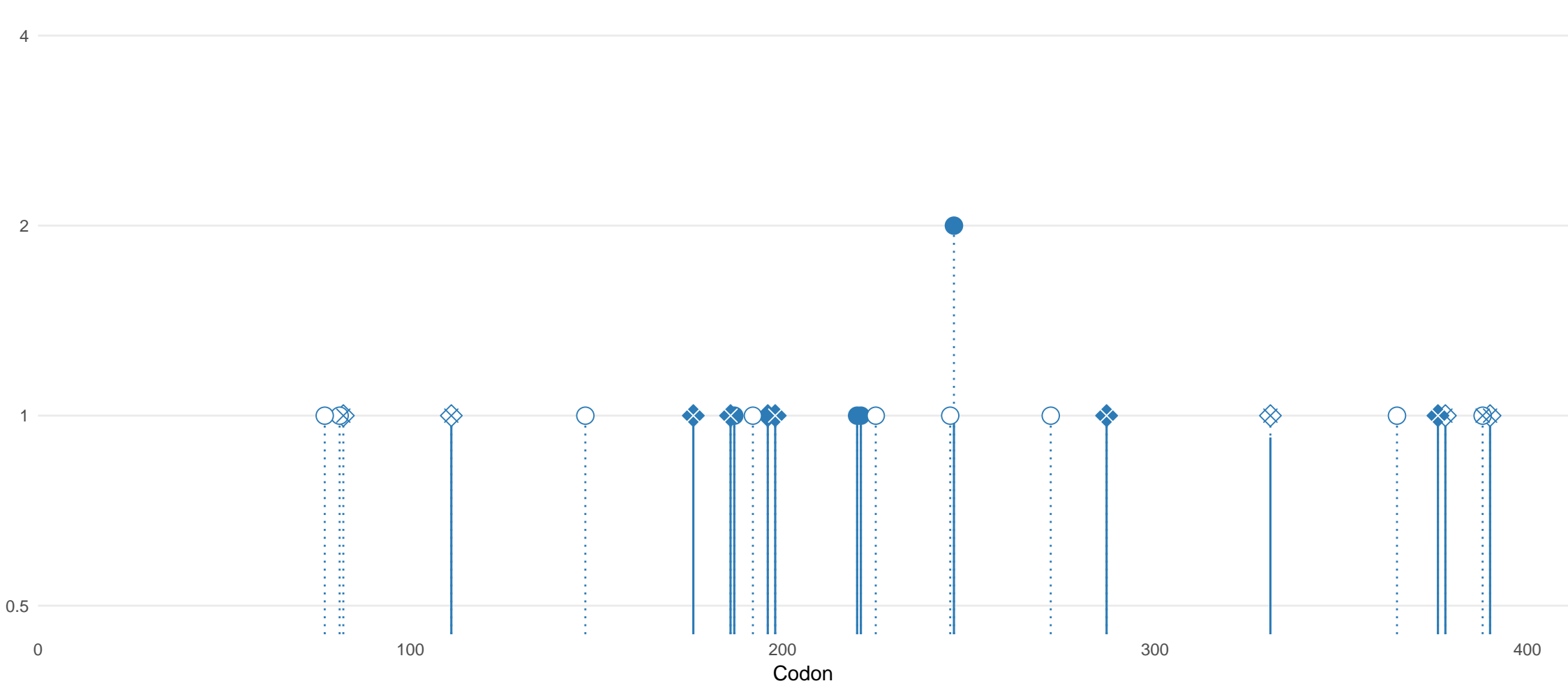
TGFBR2 Variants



Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
 Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame Hotspot: ●

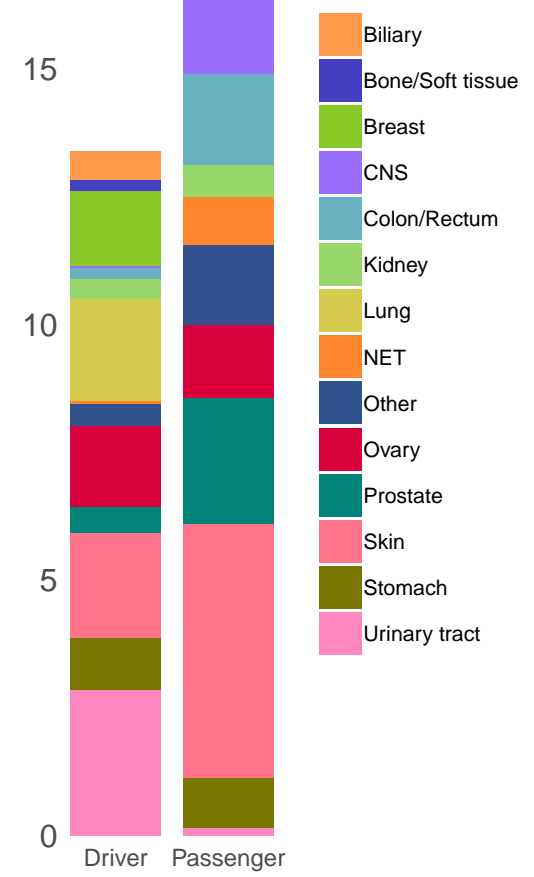
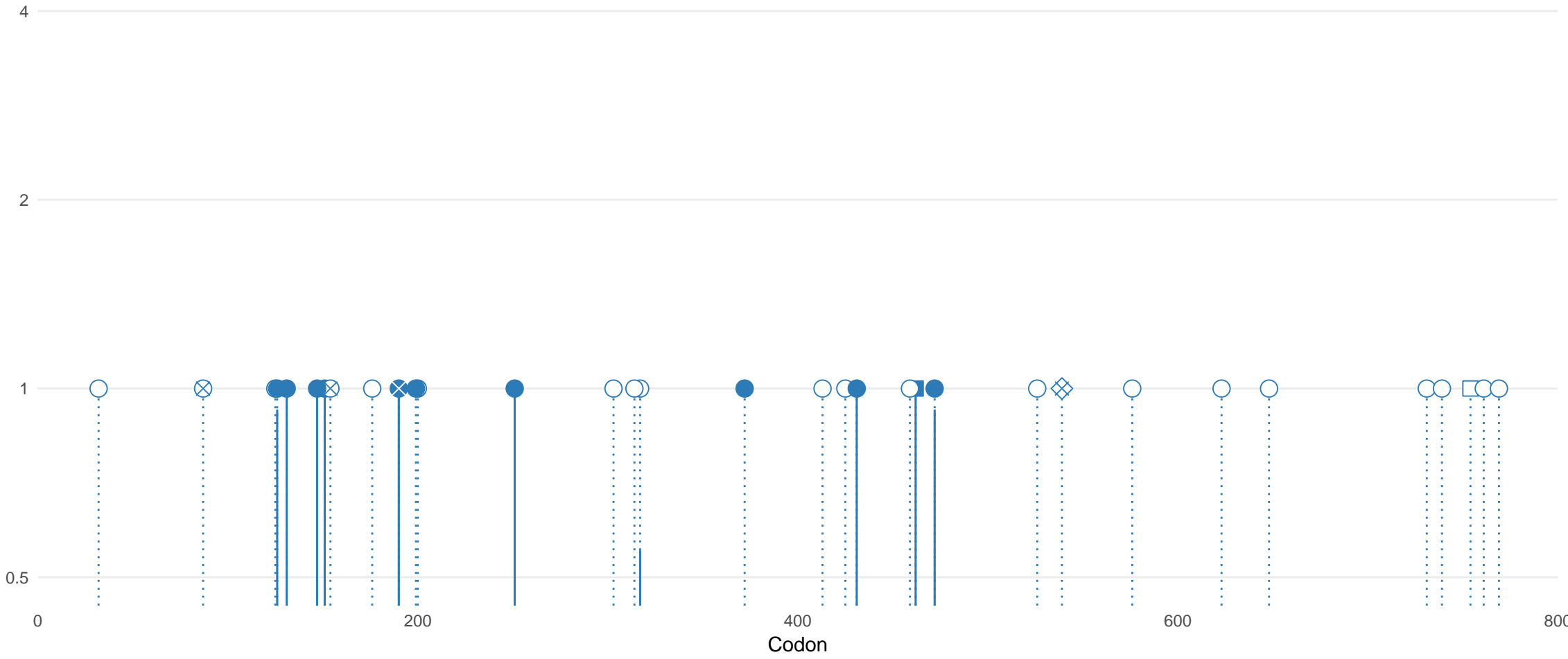


TGIF1 Variants



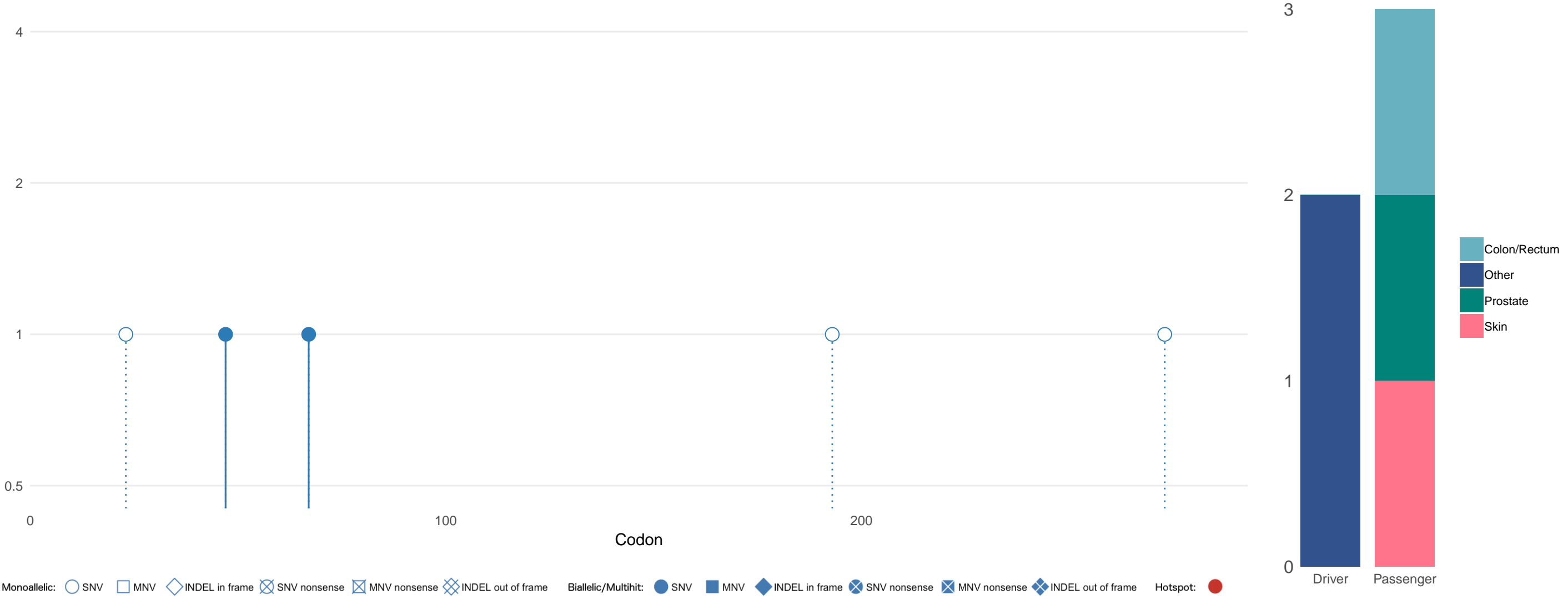
Monoallelic: ○ SNV □ MNV ◆ INDEL in frame ⊠ SNV nonsense ⊠ MNV nonsense ⊠ INDEL out of frame Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊠ SNV nonsense ⊠ MNV nonsense ◆ INDEL out of frame Hotspot: ●

TNFAIP3 Variants

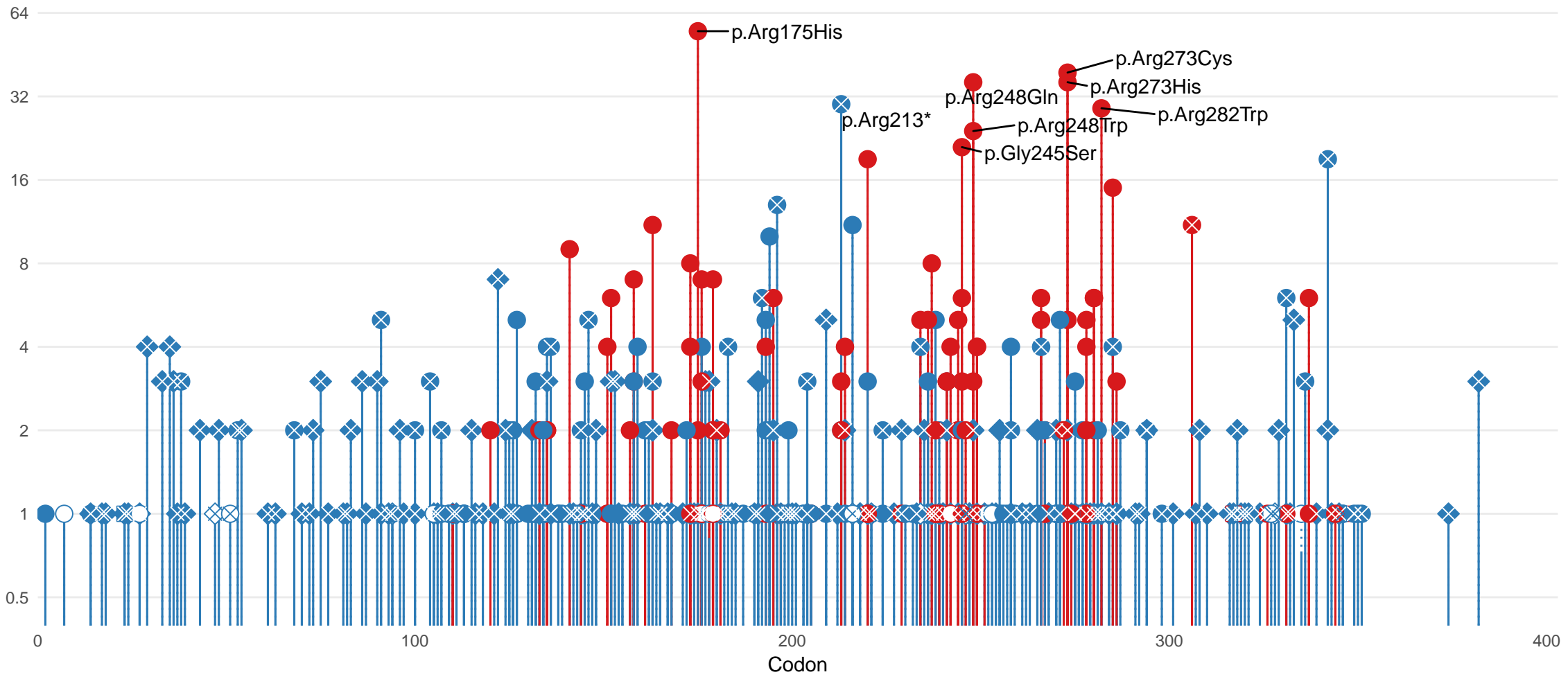


Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊠ MNV nonsense ⬠ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊠ MNV nonsense ⬠ INDEL out of frame
Hotspot: ●

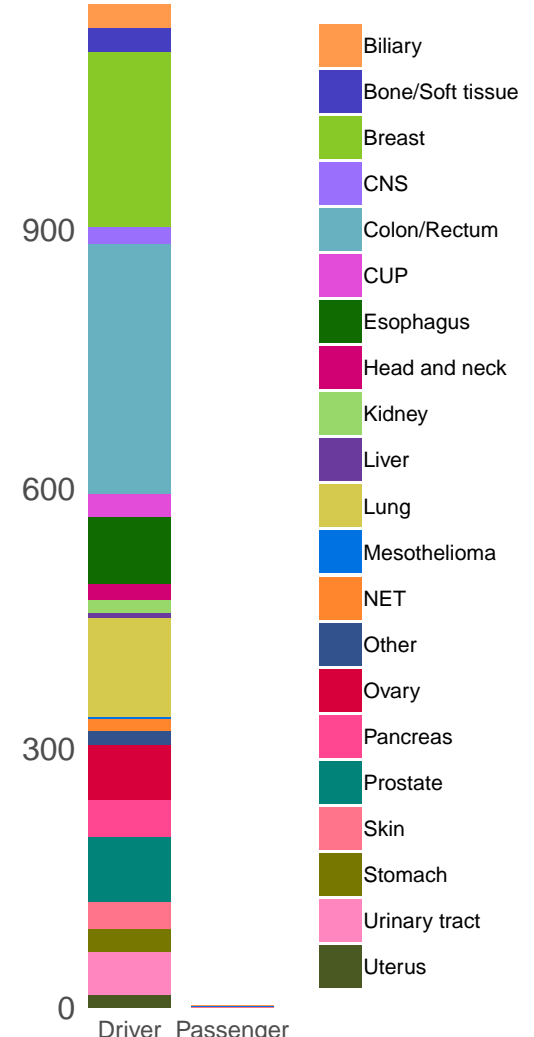
TNFRSF14 Variants



TP53 Variants

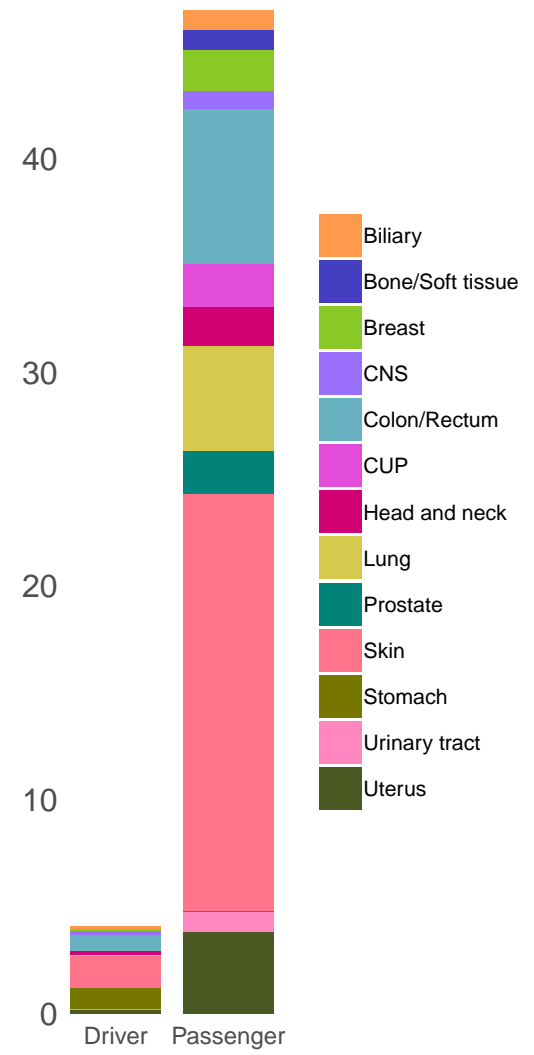
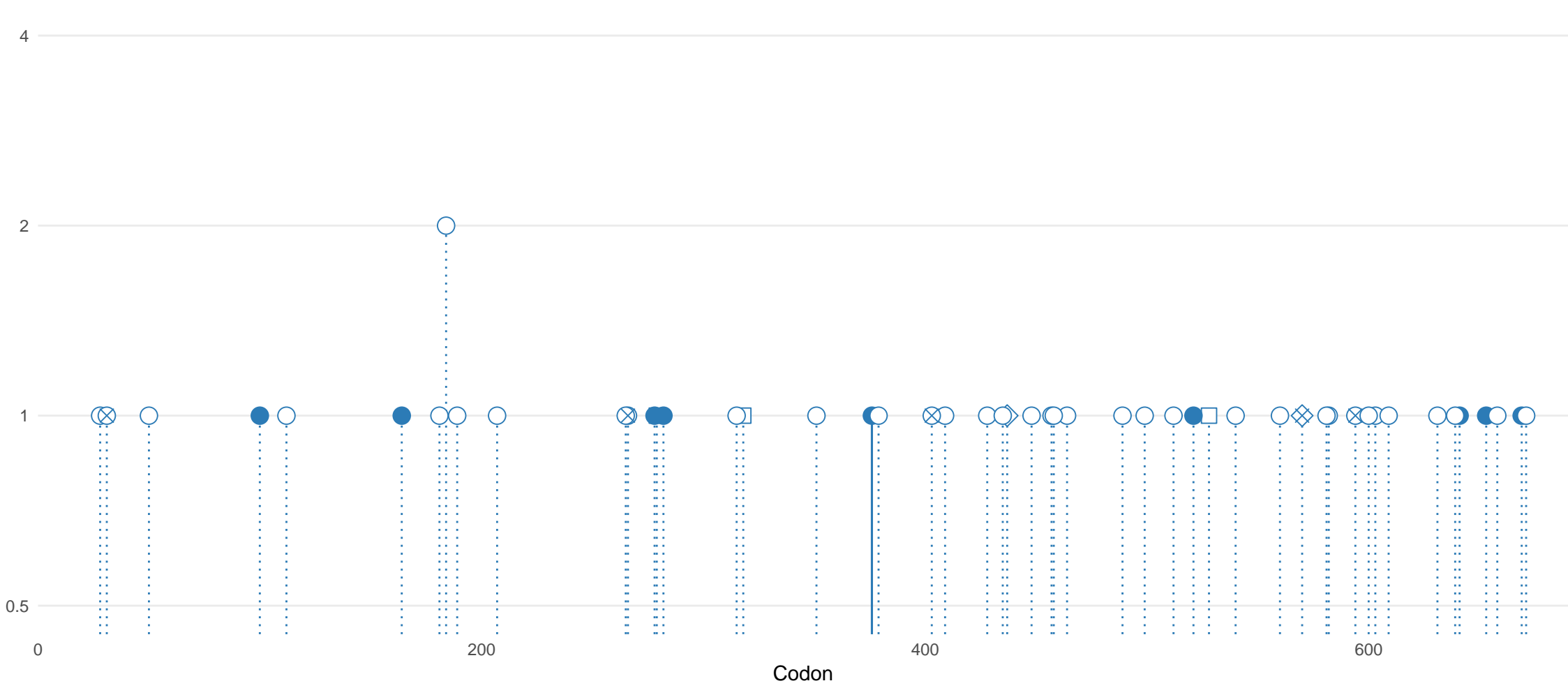


Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●



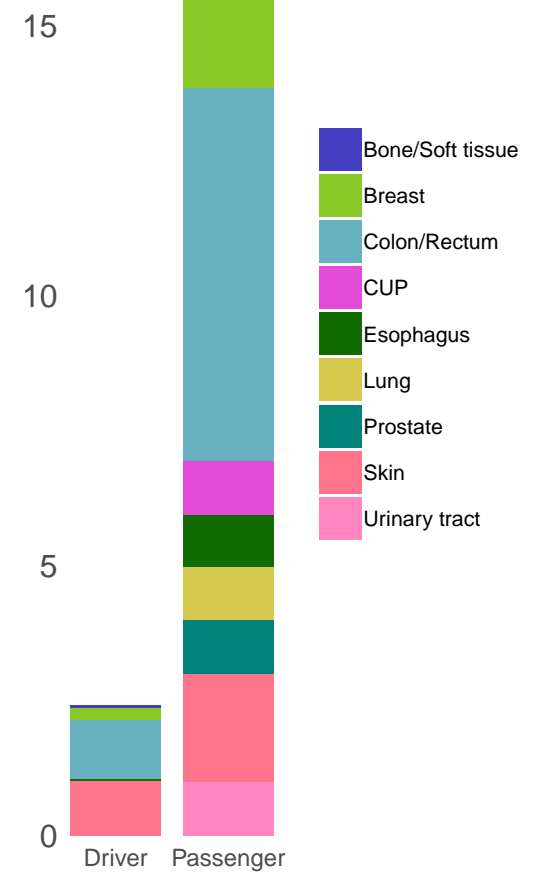
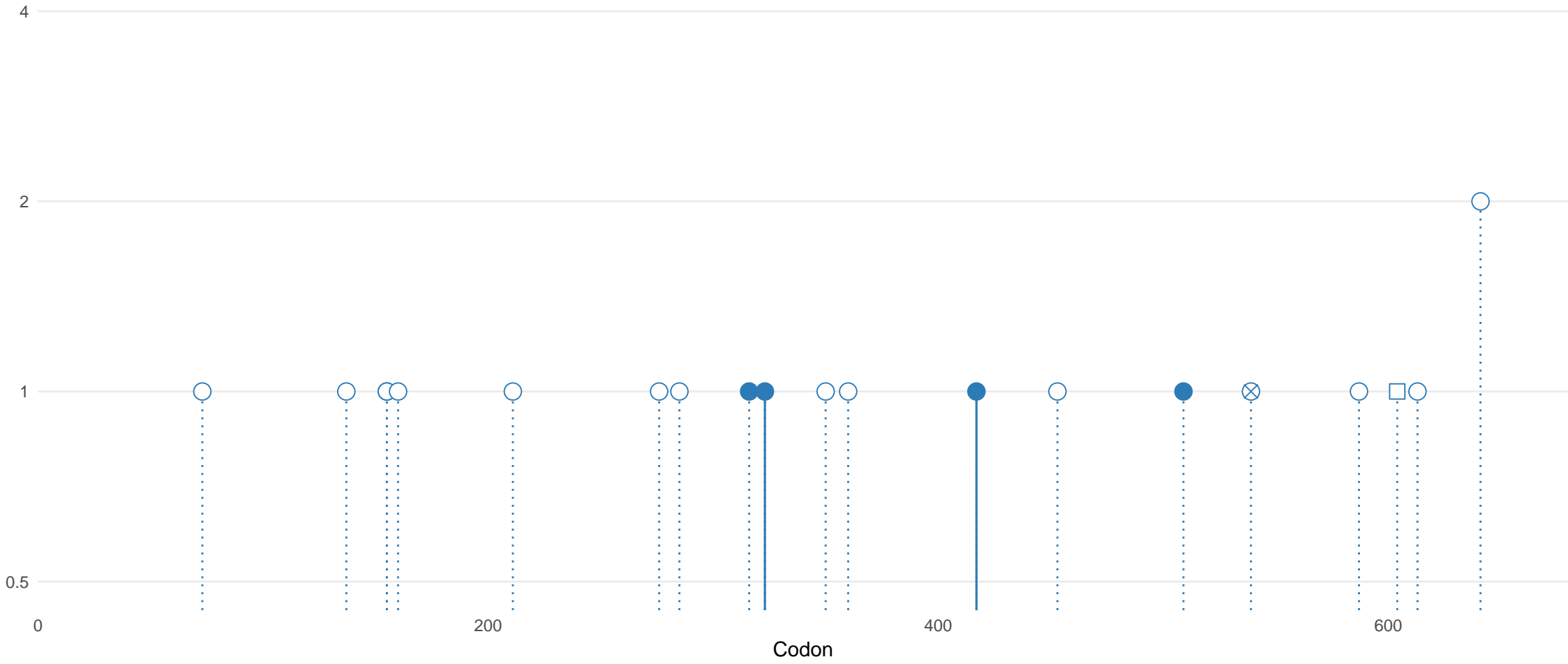
■ Driver ■ Passenger

TP63 Variants



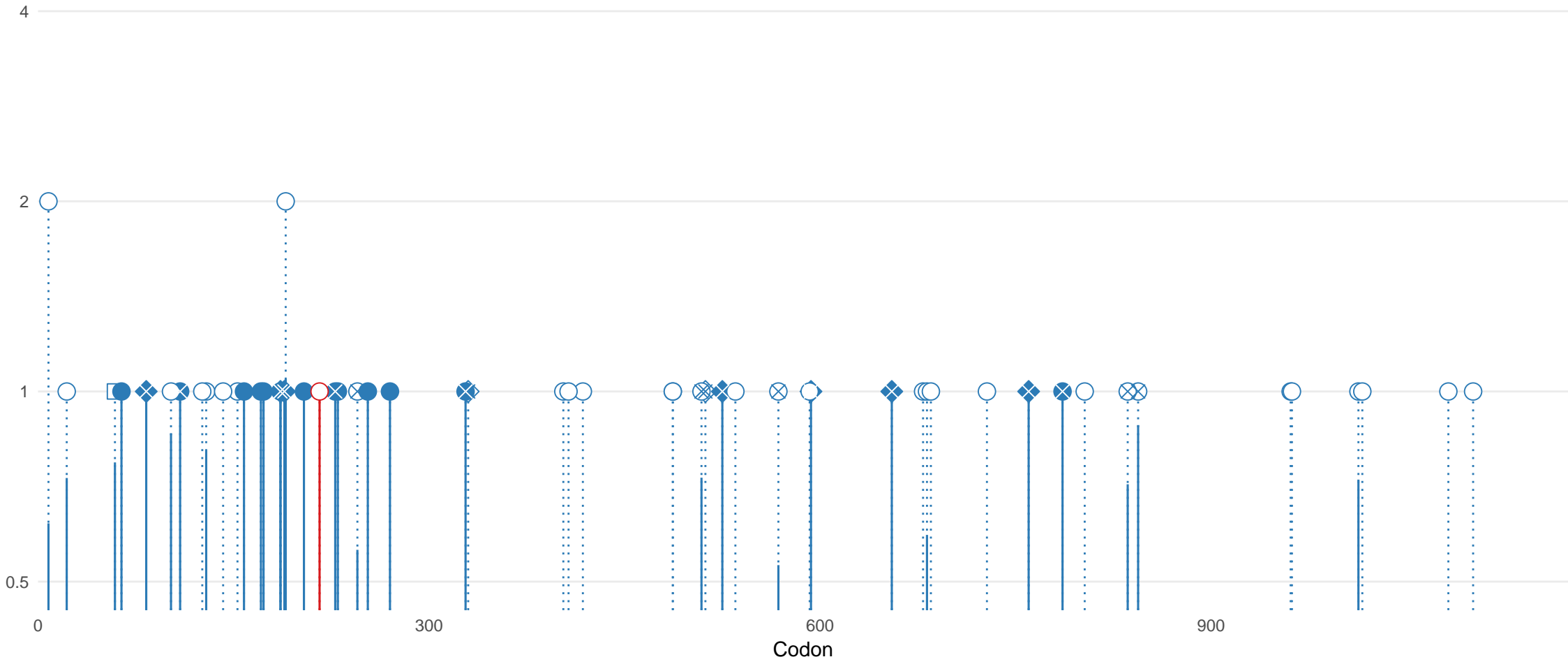
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊠ MNV nonsense ⊡ INDEL out of frame Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊠ MNV nonsense ⊡ INDEL out of frame Hotspot: ●

TRAF7 Variants

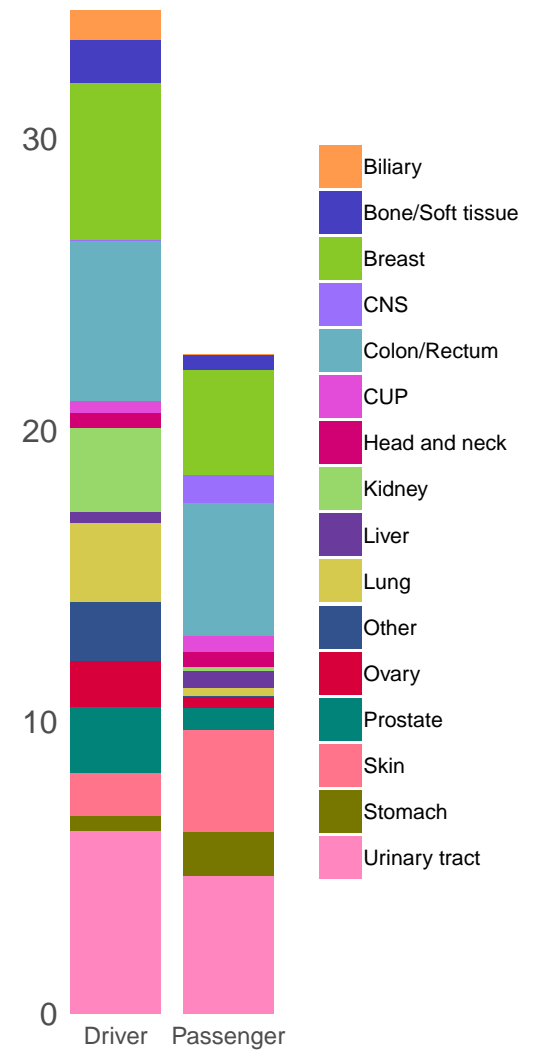


Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊠ MNV nonsense ⊞ INDEL out of frame Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊠ MNV nonsense ⊞ INDEL out of frame Hotspot: ● (Red)

TSC1 Variants

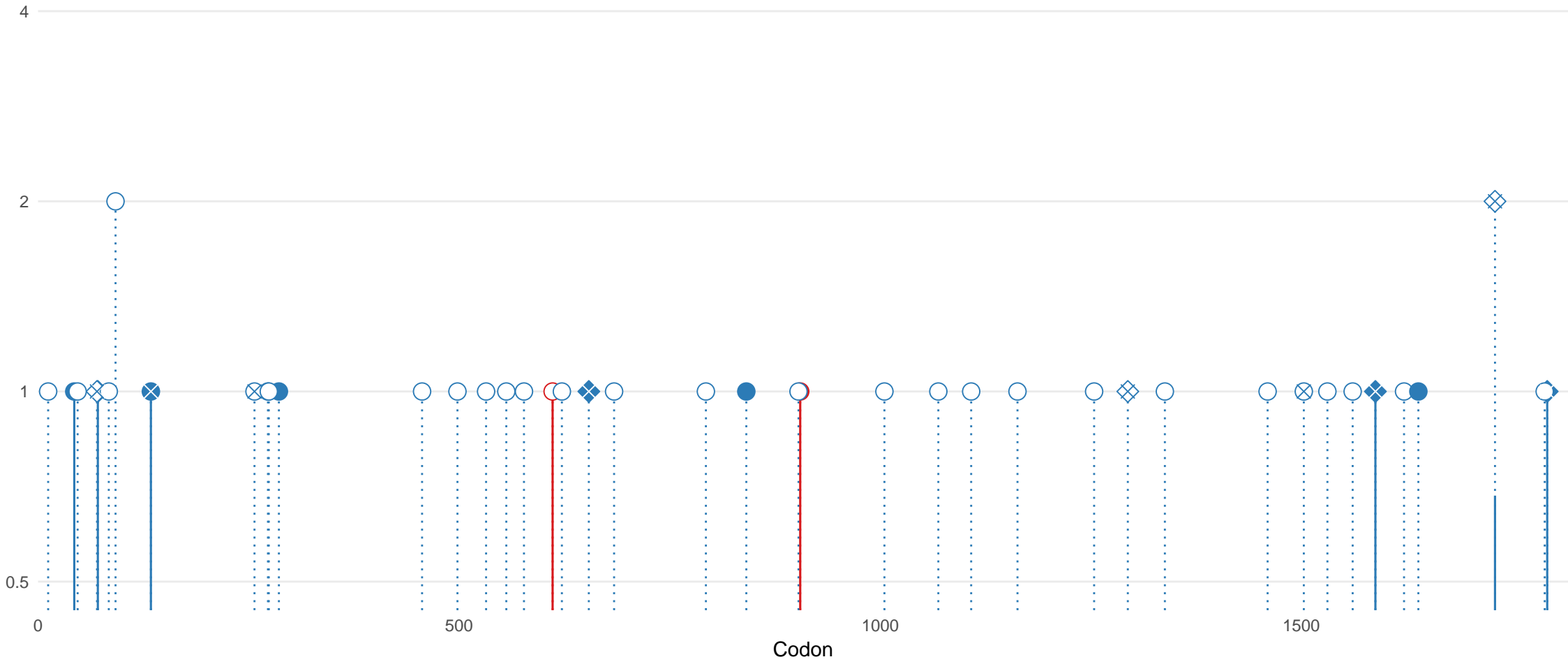


Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●

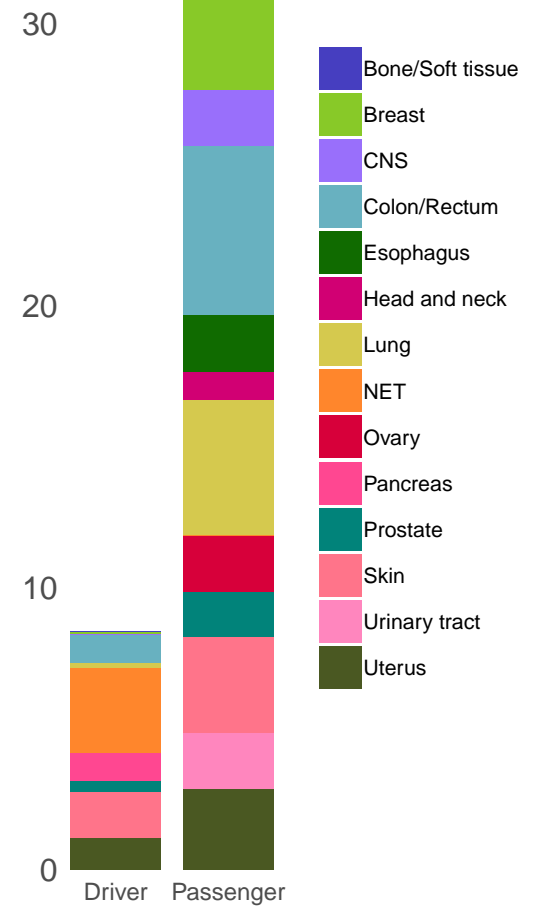


Driver Passenger

TSC2 Variants

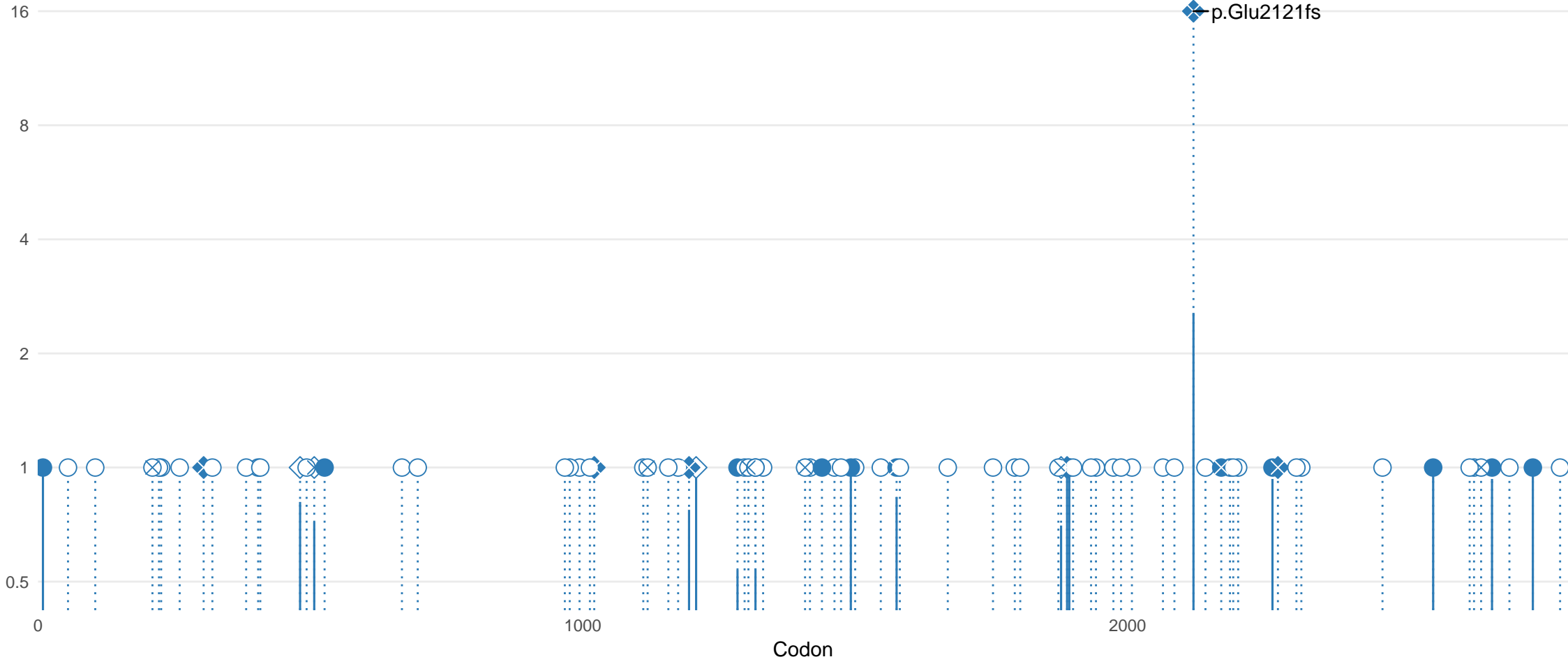


Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●

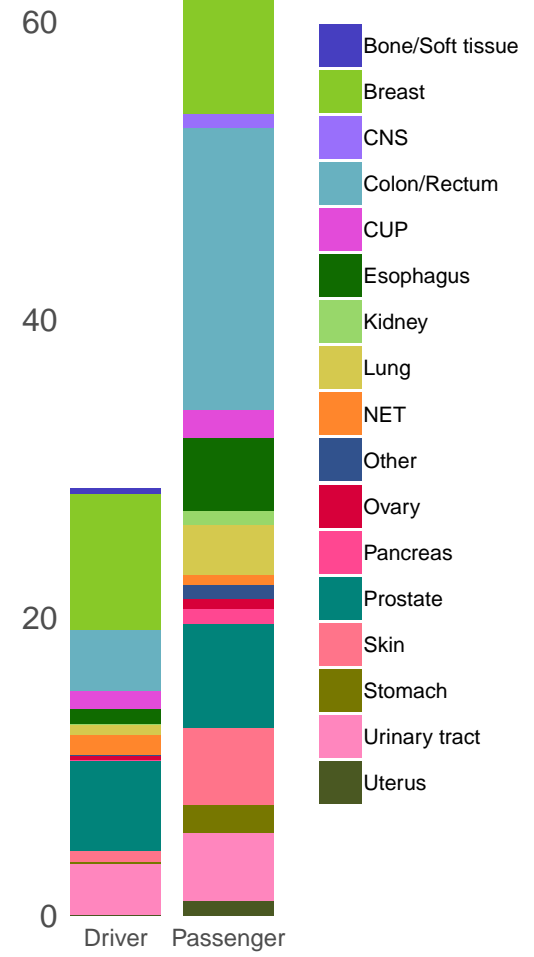


Driver Passenger

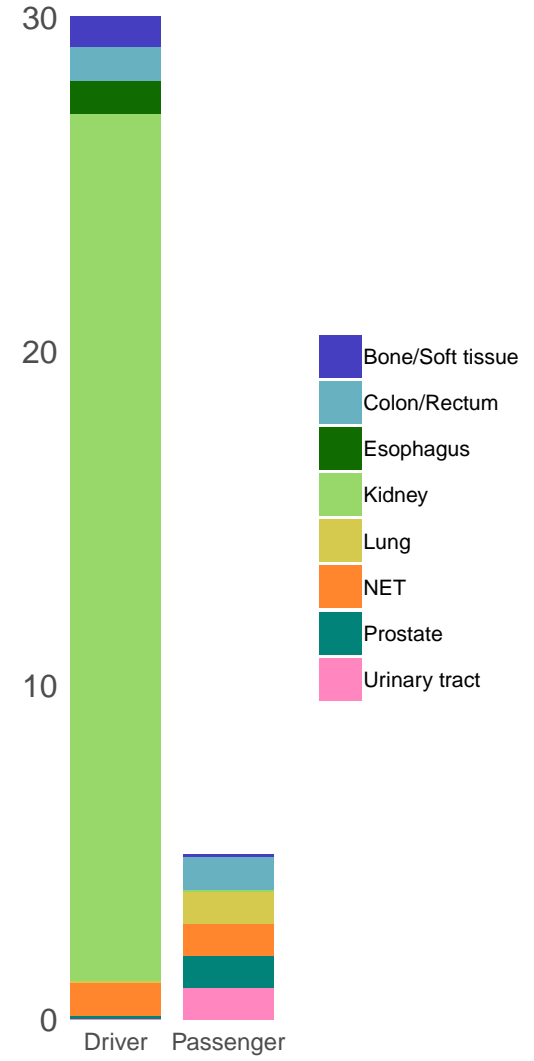
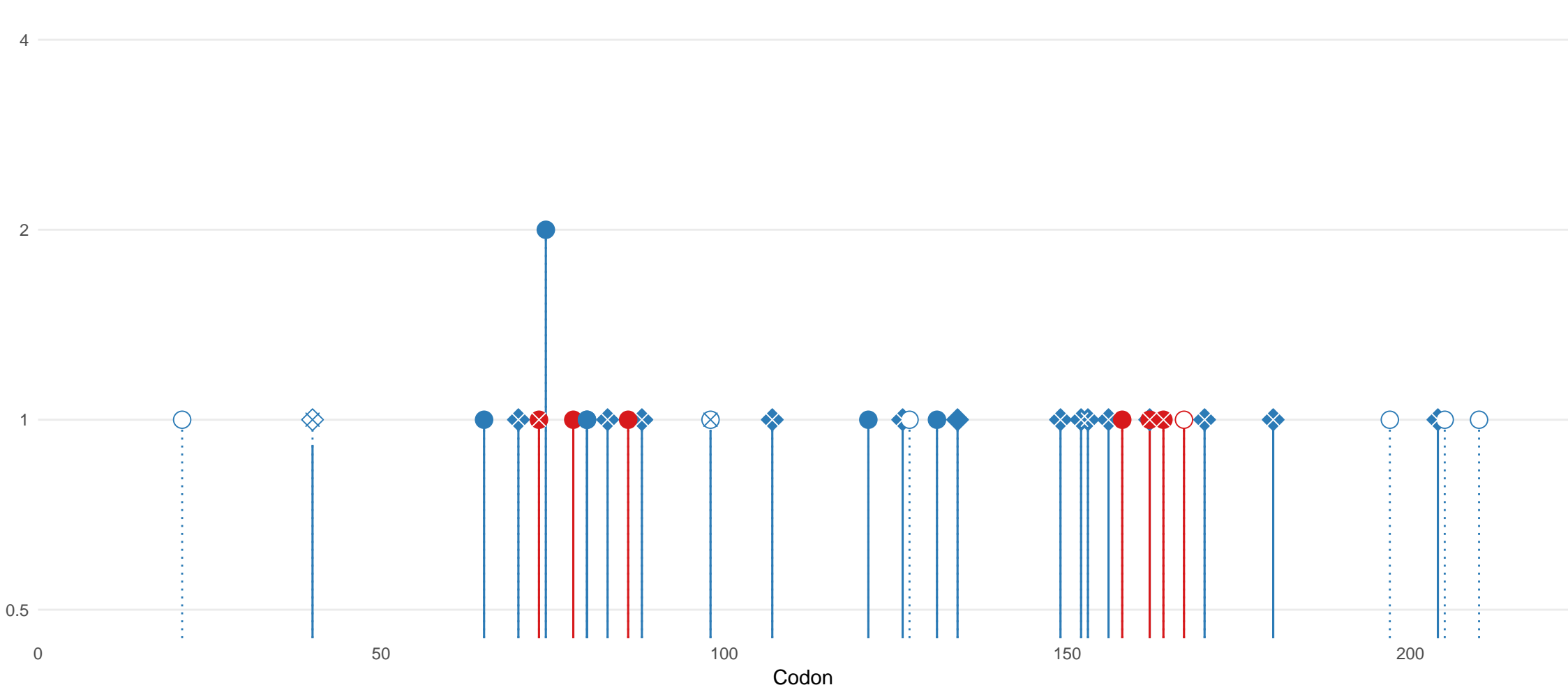
UBR5 Variants



Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●

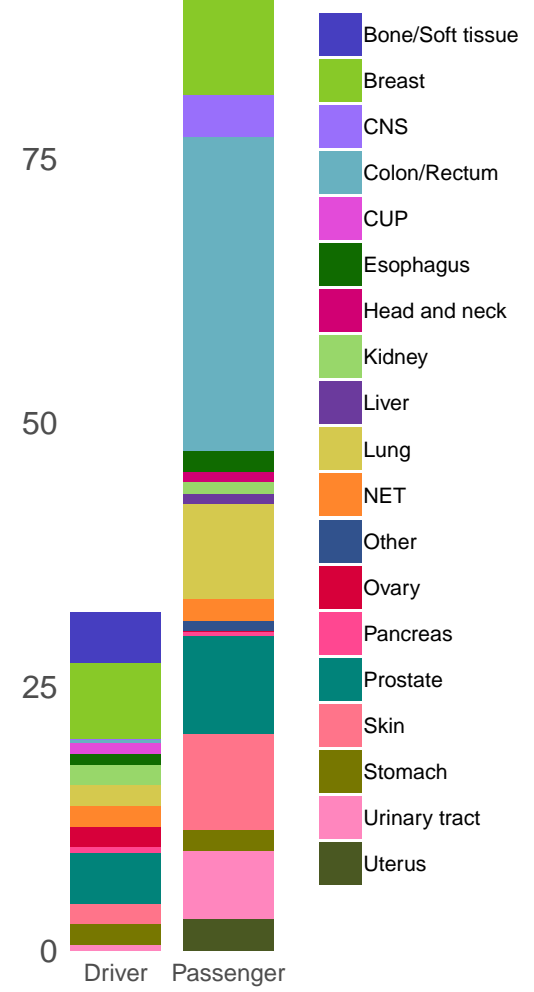
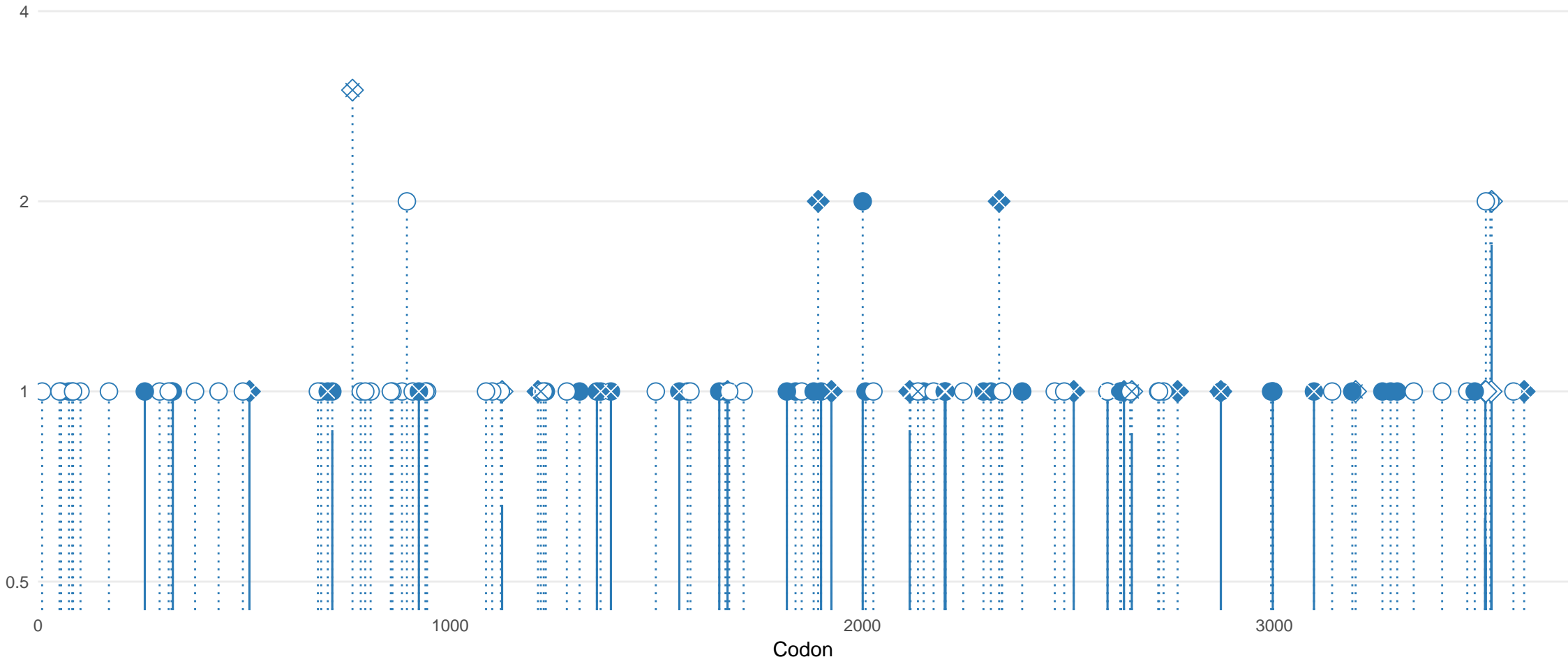


VHL Variants



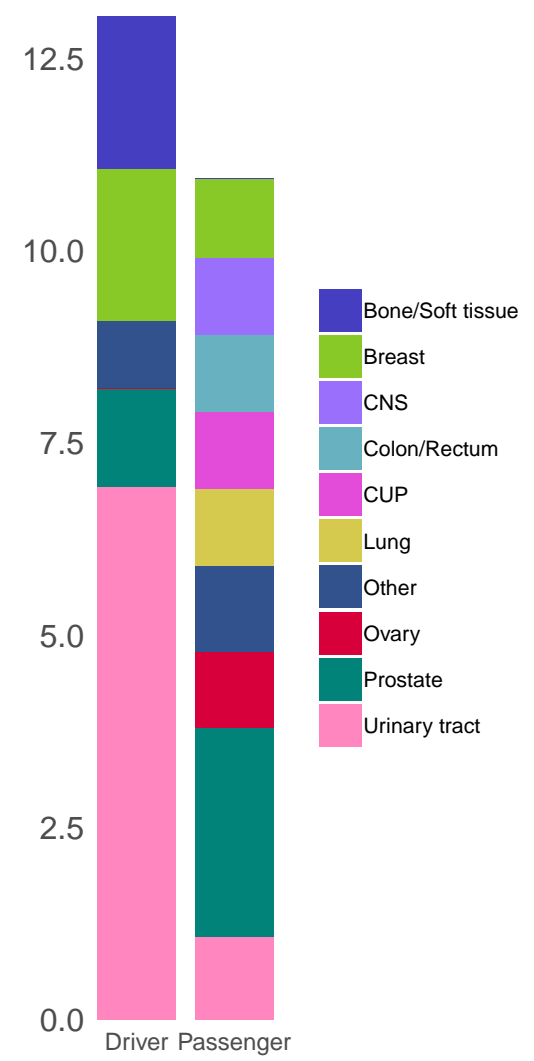
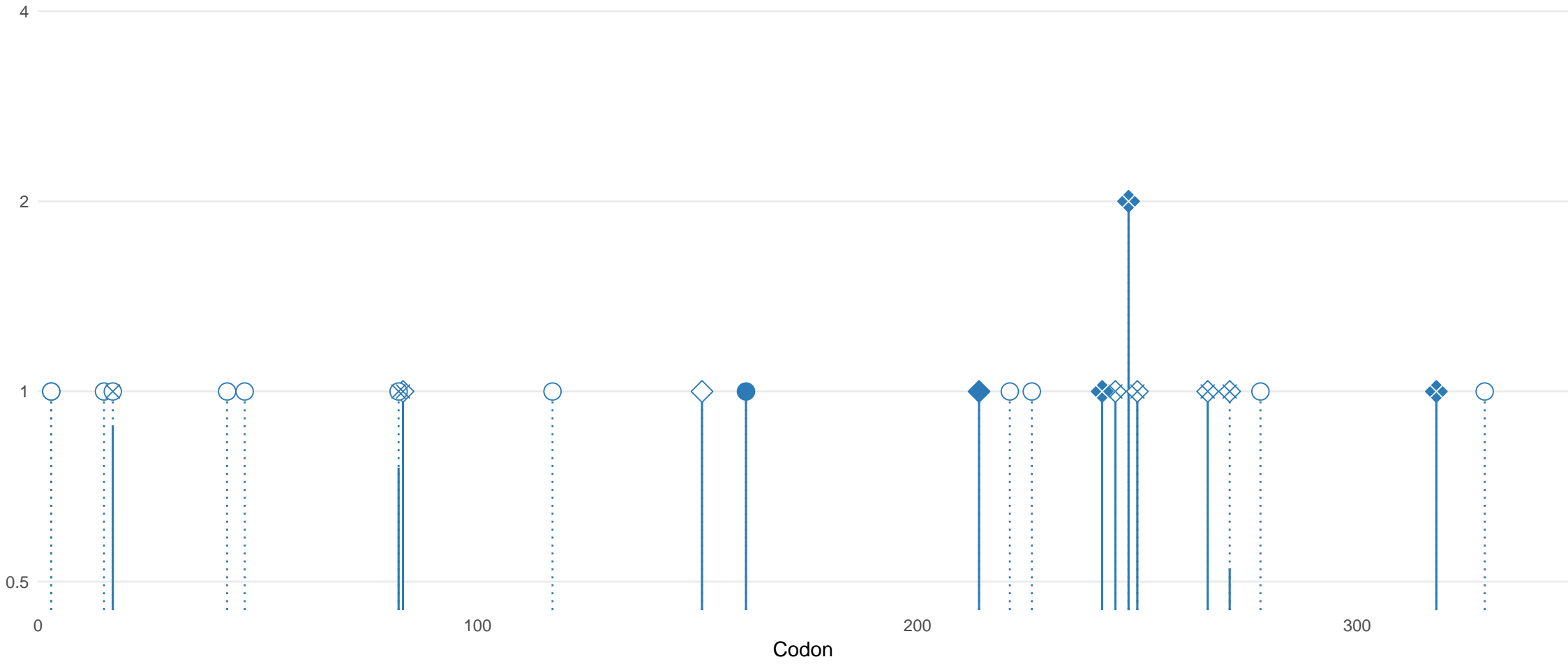
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊠ MNV nonsense ⊞ INDEL out of frame Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊠ MNV nonsense ⊞ INDEL out of frame Hotspot: ● (Red)

ZFHX3 Variants



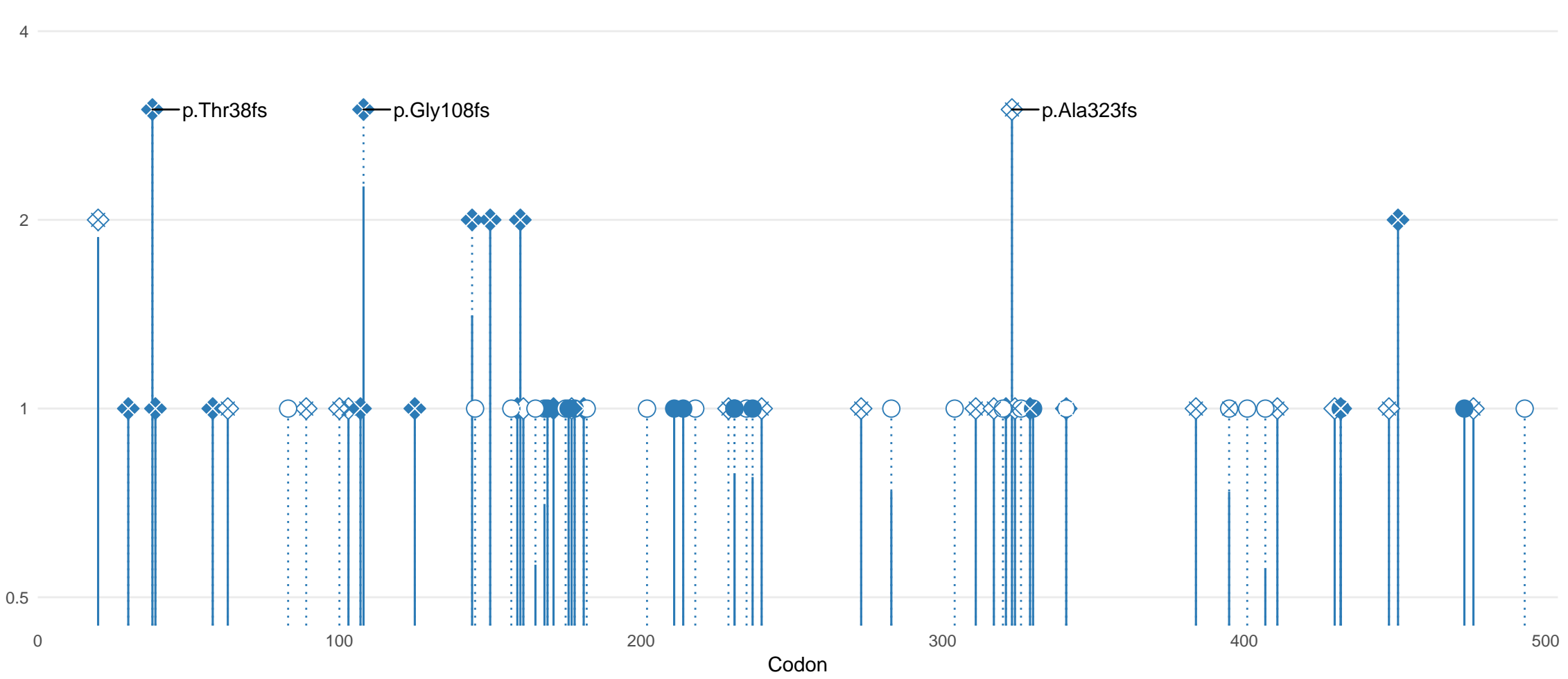
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●

ZFP36L1 Variants

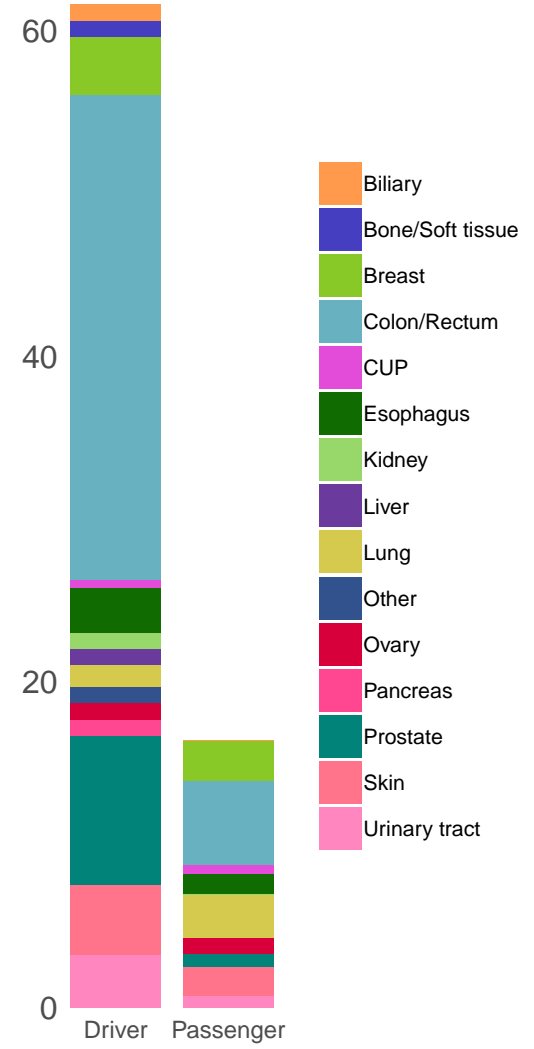


Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame Hotspot: ●

ZFP36L2 Variants

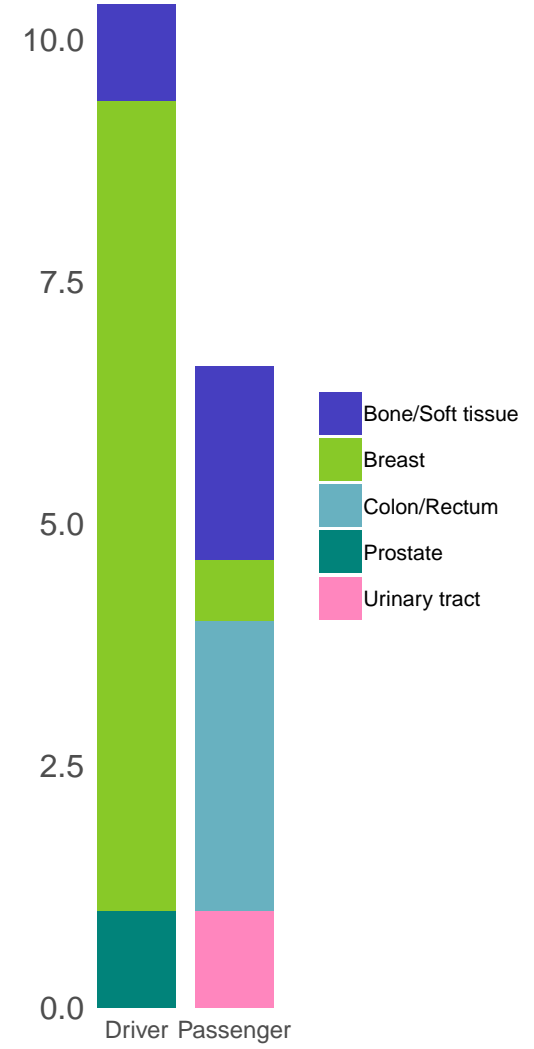
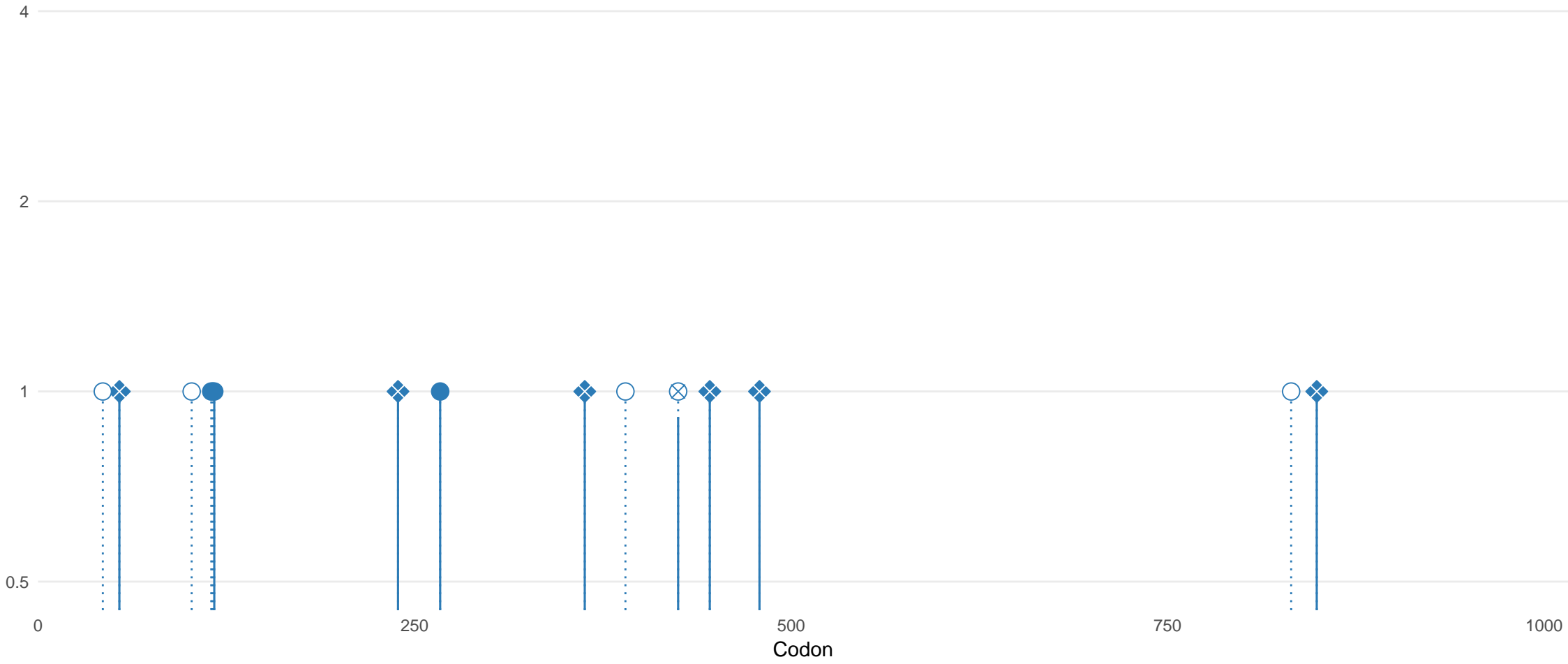


Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame
Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame
Hotspot: ●



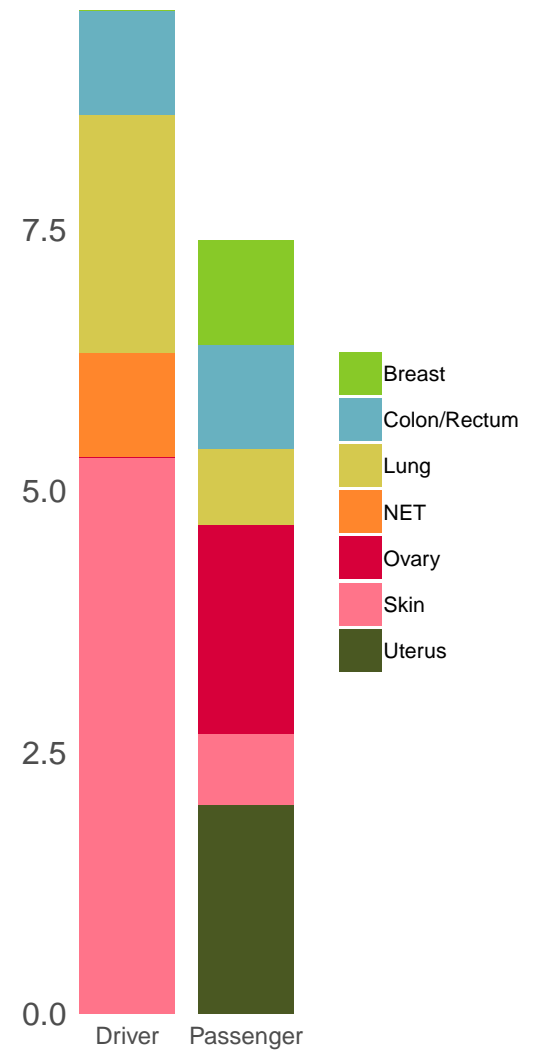
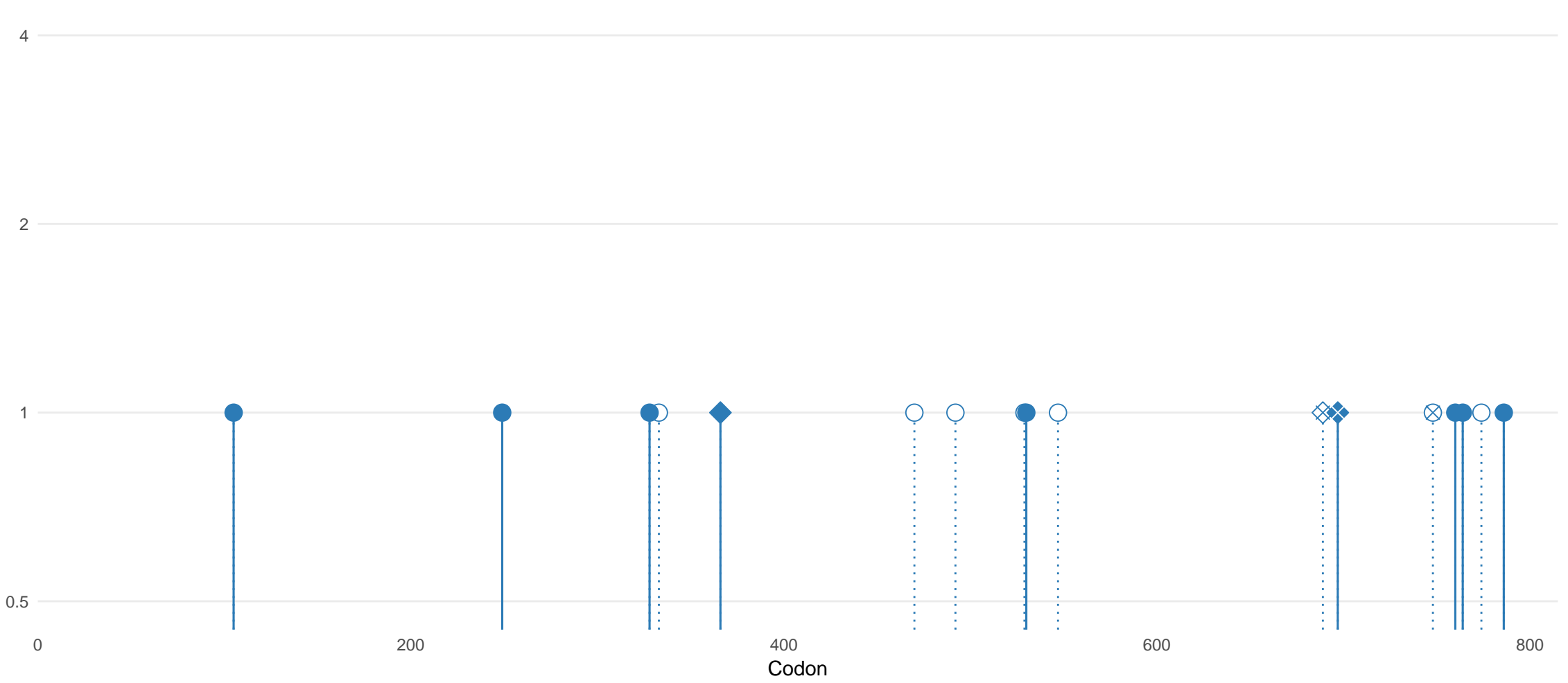
Driver Passenger

ZFPM1 Variants



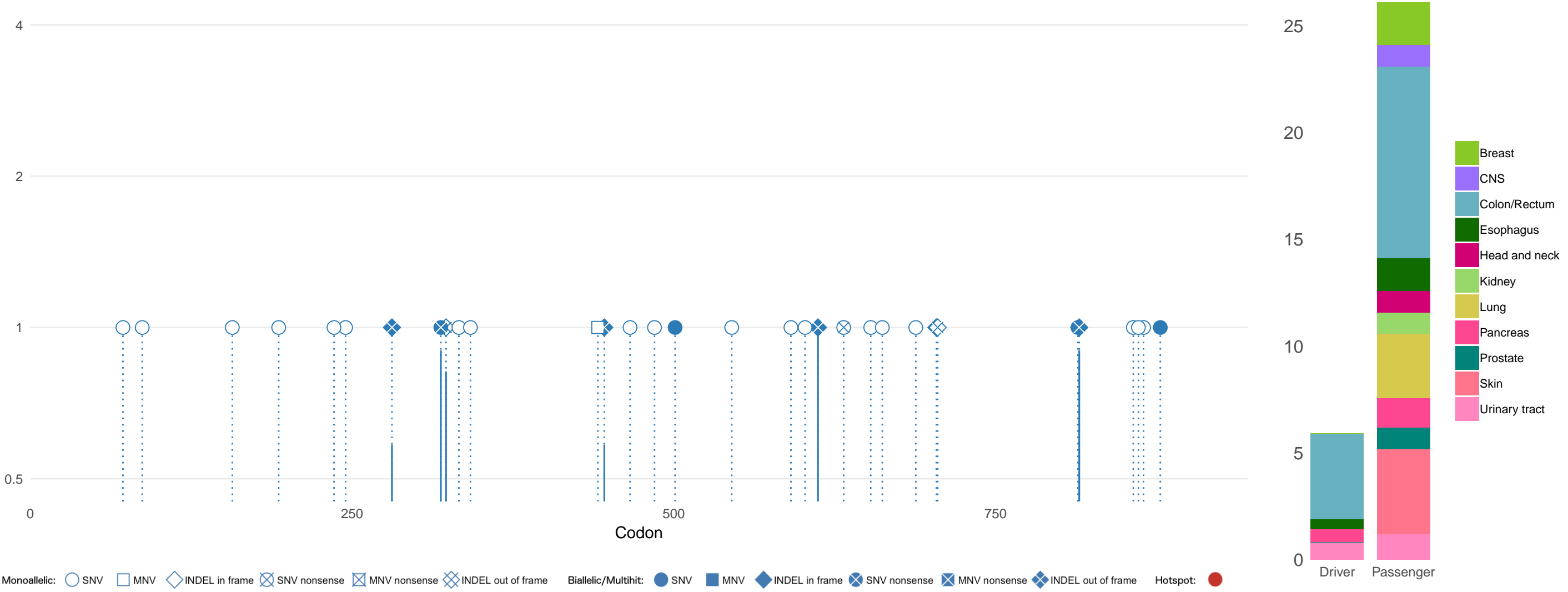
Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊠ MNV nonsense ⊞ INDEL out of frame
 Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊠ MNV nonsense ◆ INDEL out of frame
 Hotspot: ●

ZFX Variants



Monoallelic: ○ SNV □ MNV ◇ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ⊗ INDEL out of frame Biallelic/Multihit: ● SNV ■ MNV ◆ INDEL in frame ⊗ SNV nonsense ⊗ MNV nonsense ◆ INDEL out of frame Hotspot: ●

ZNRF3 Variants



ZRSR2 Variants

