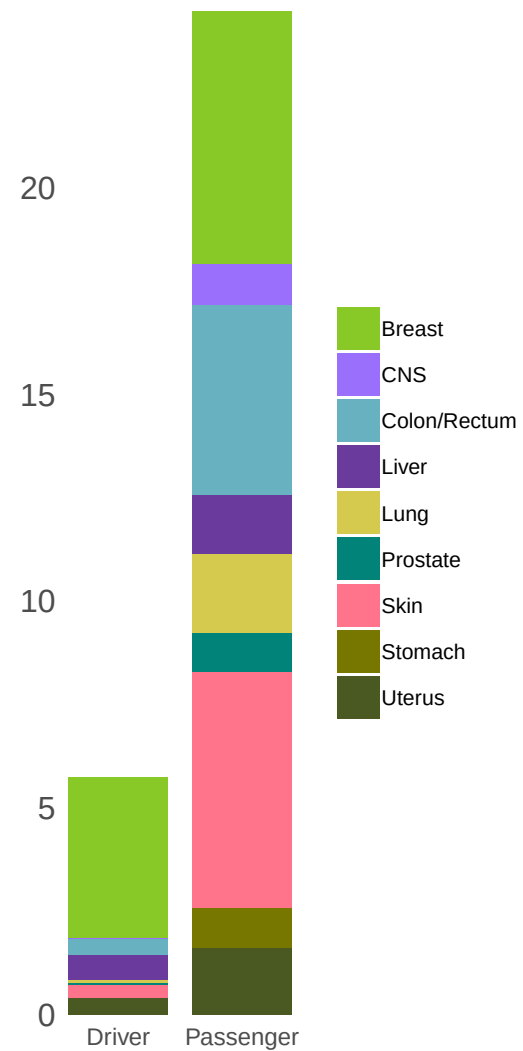
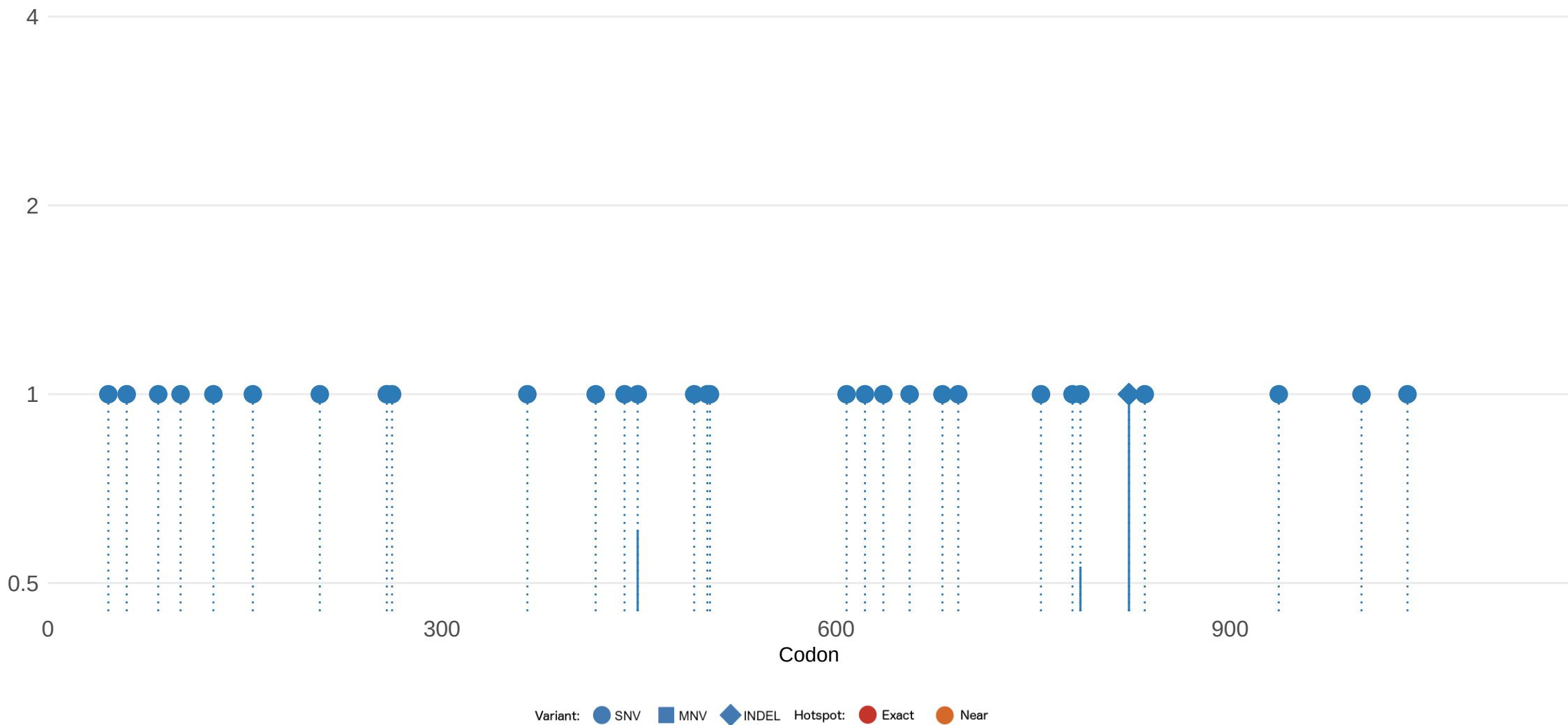
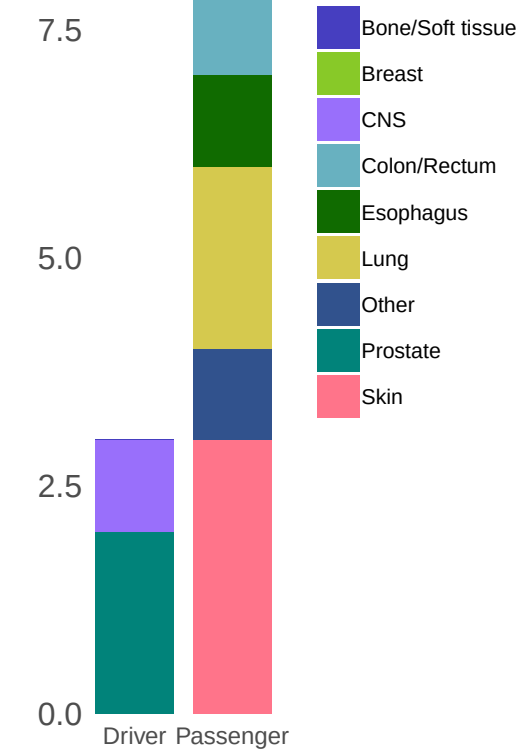
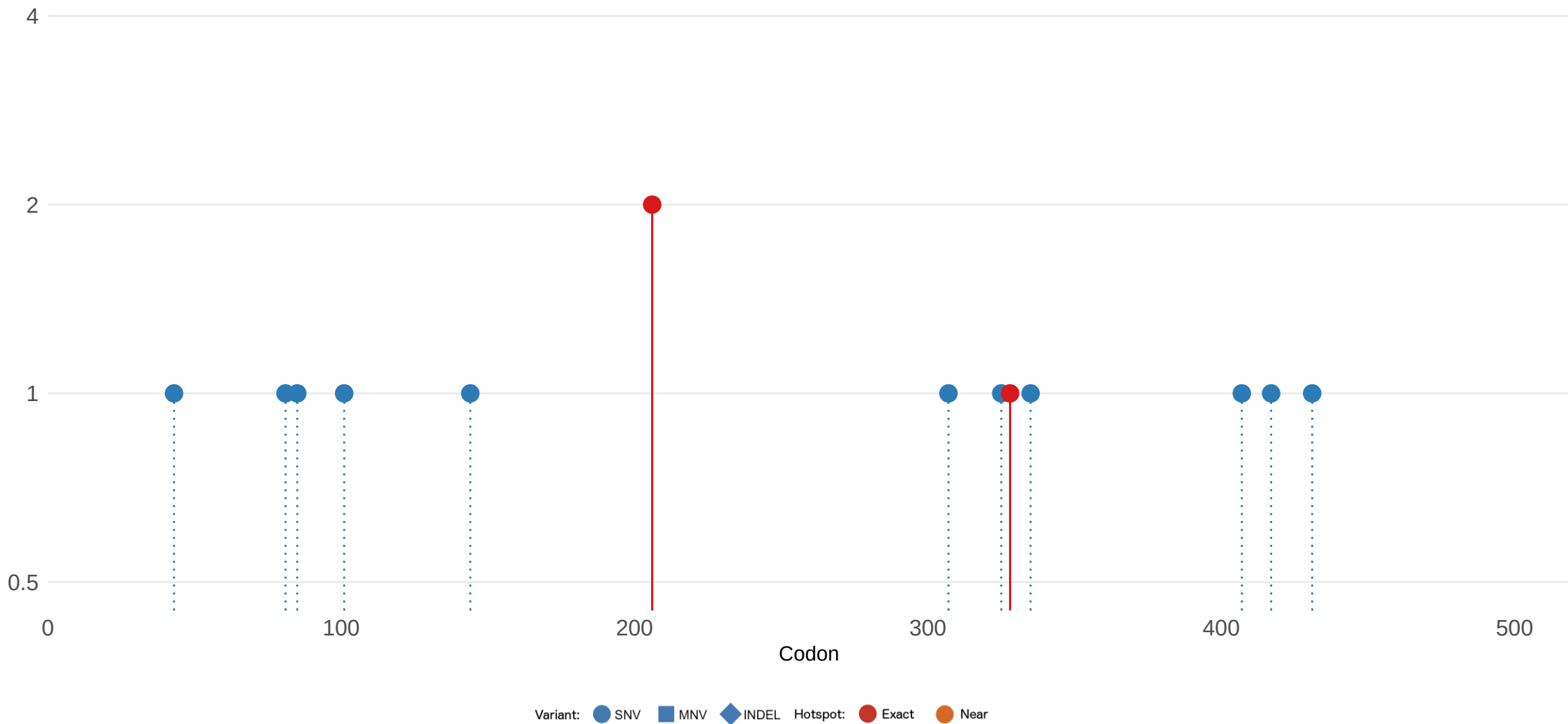


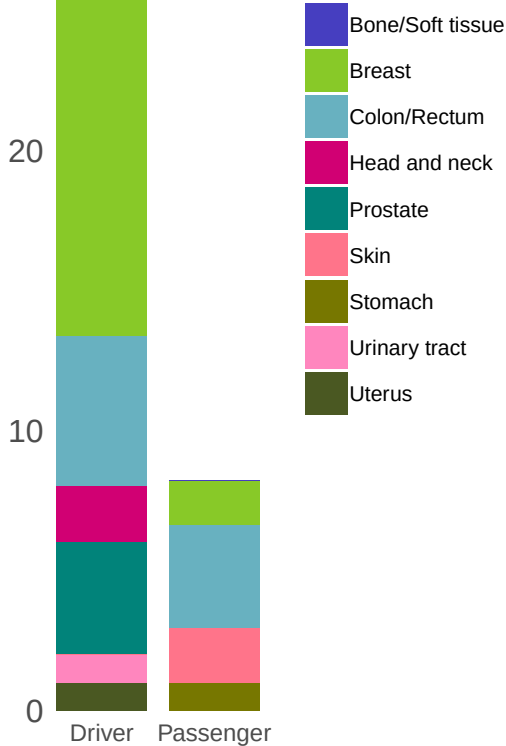
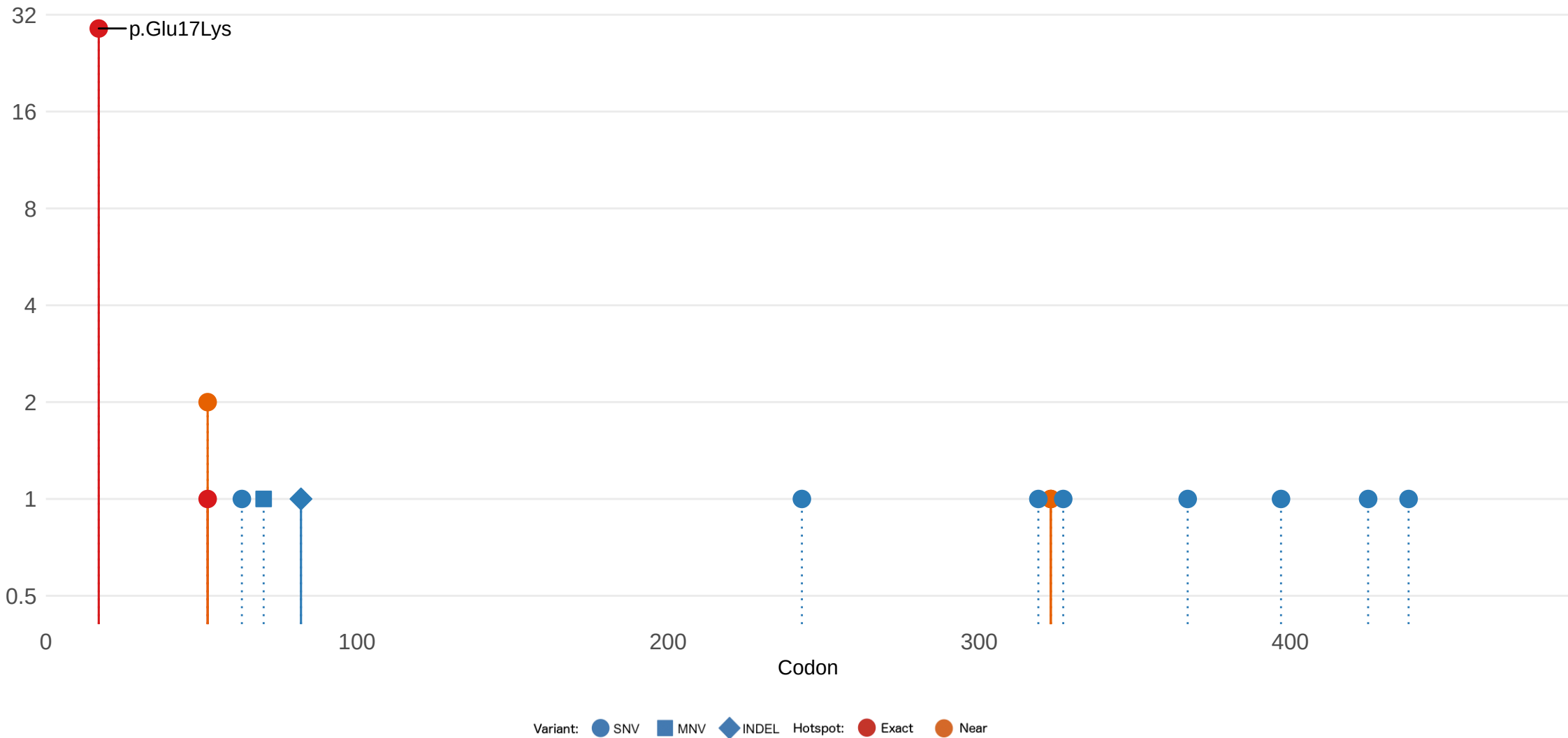
ABL1 Variants



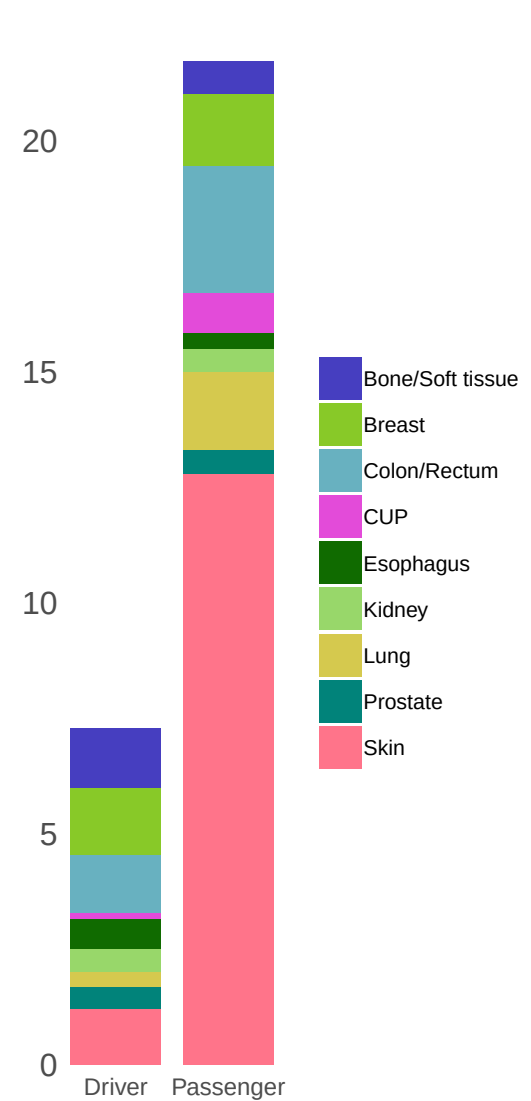
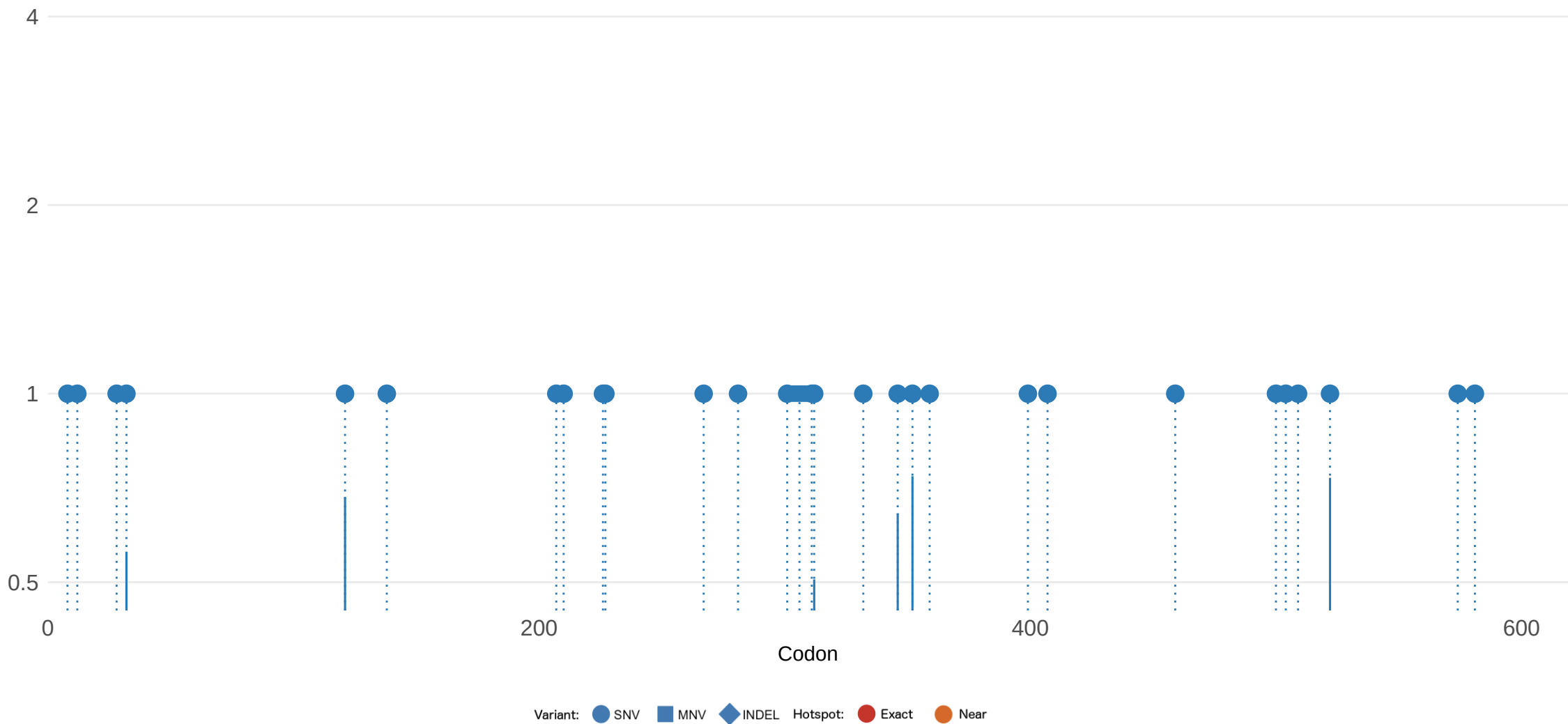
ACVR1 Variants



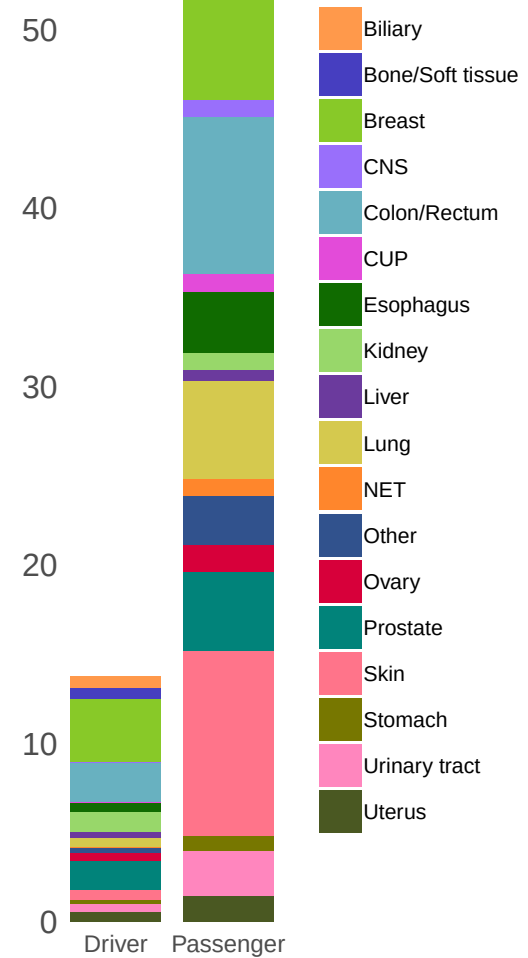
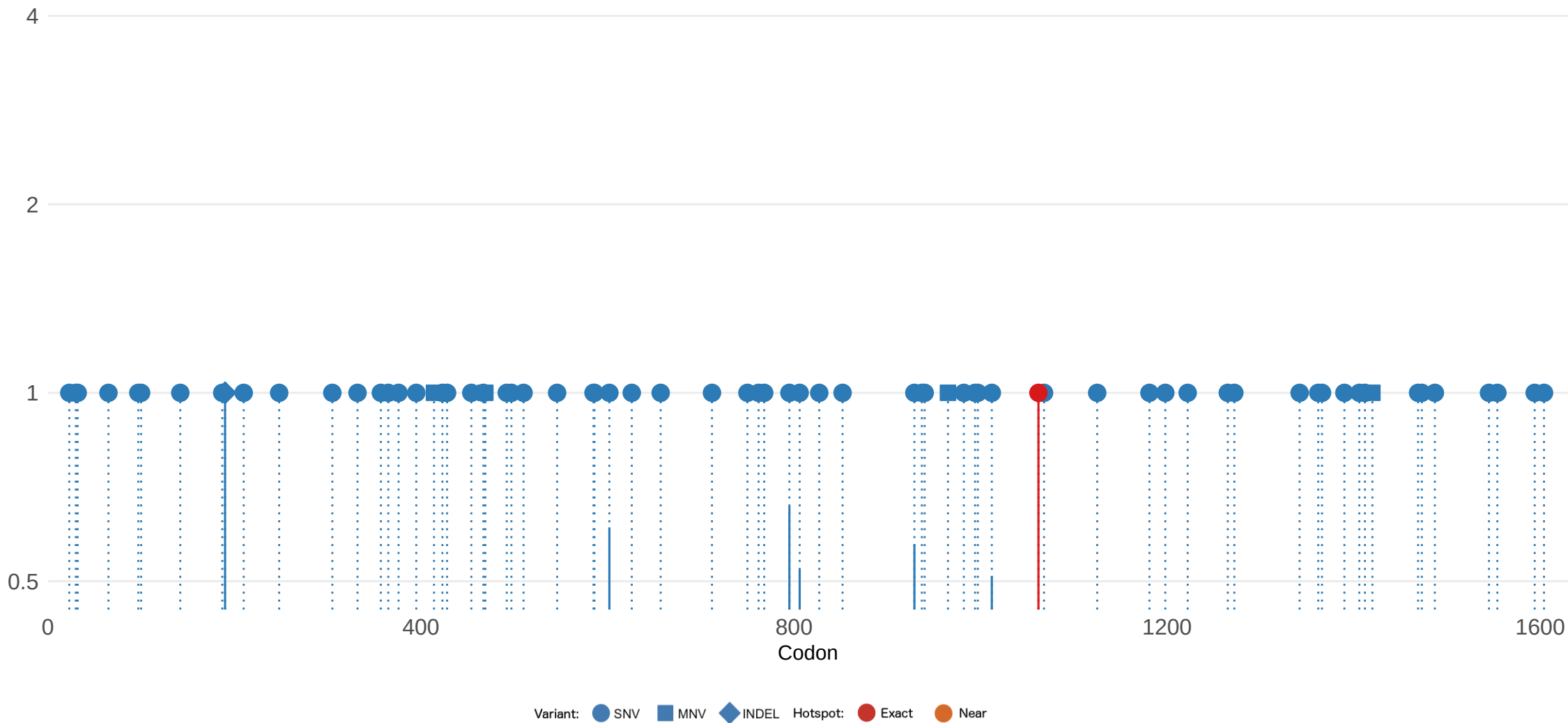
AKT1 Variants



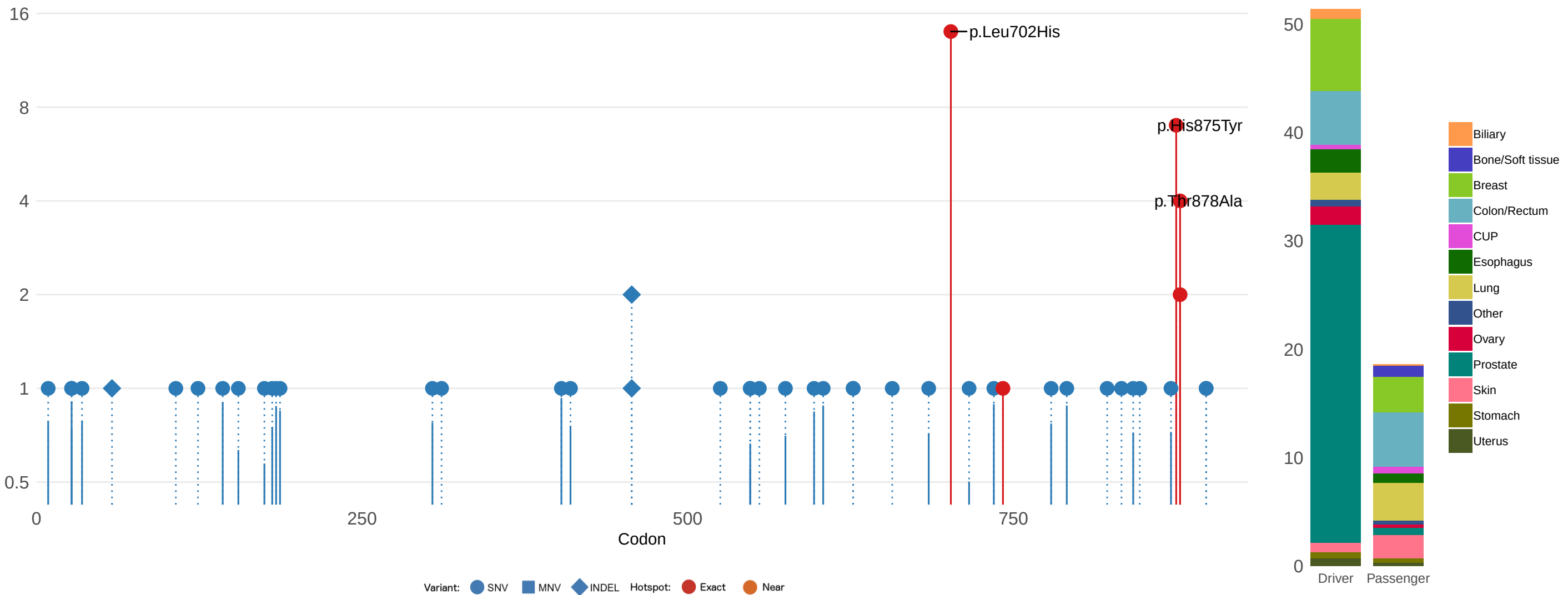
ALB Variants



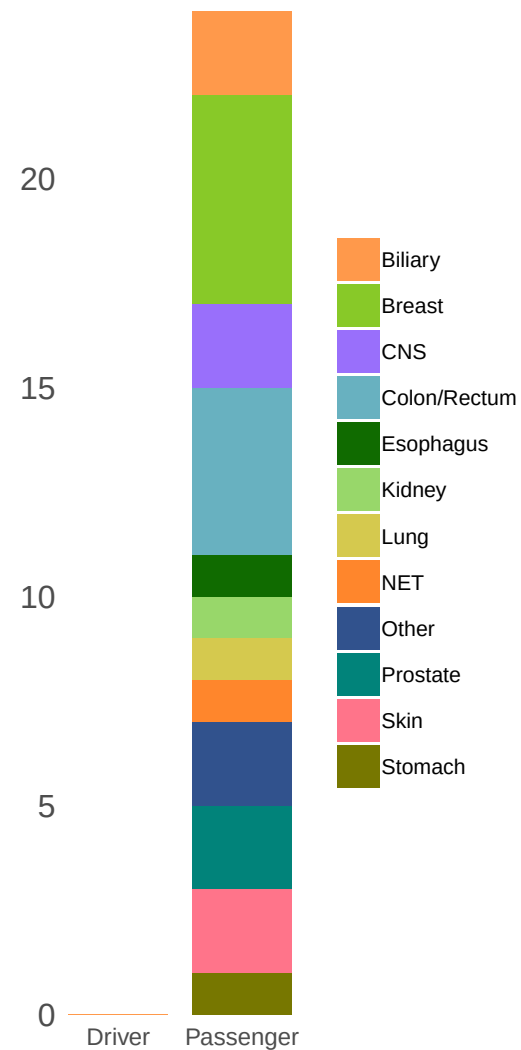
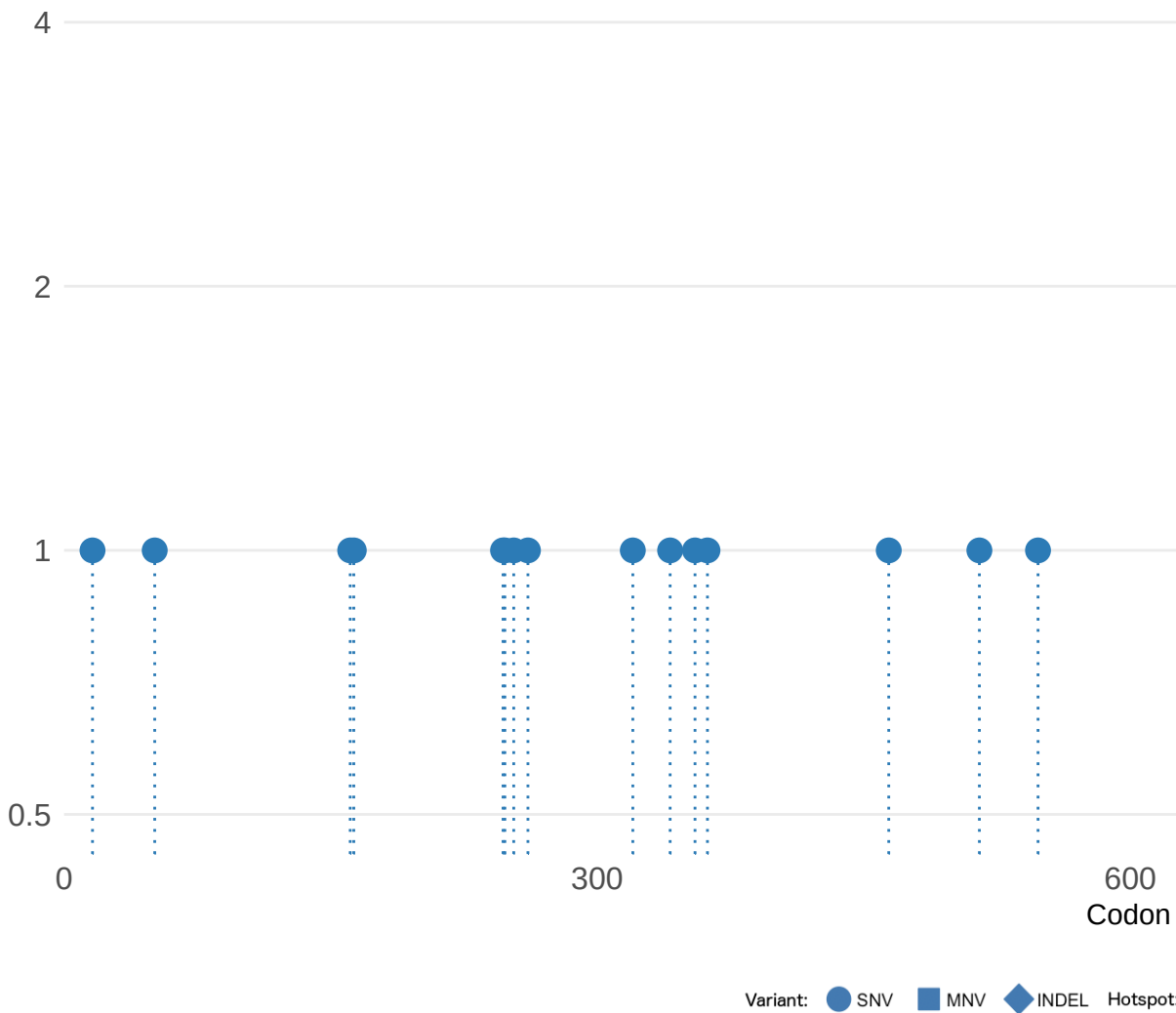
ALK Variants



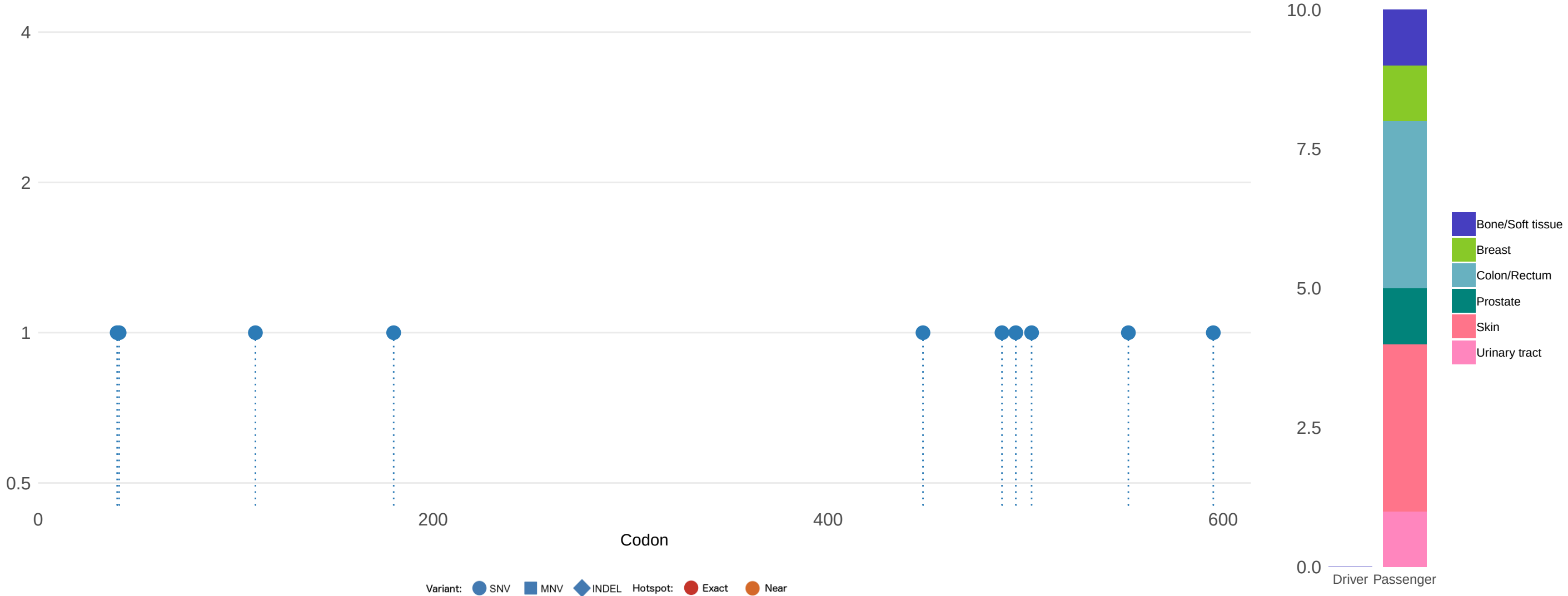
AR Variants



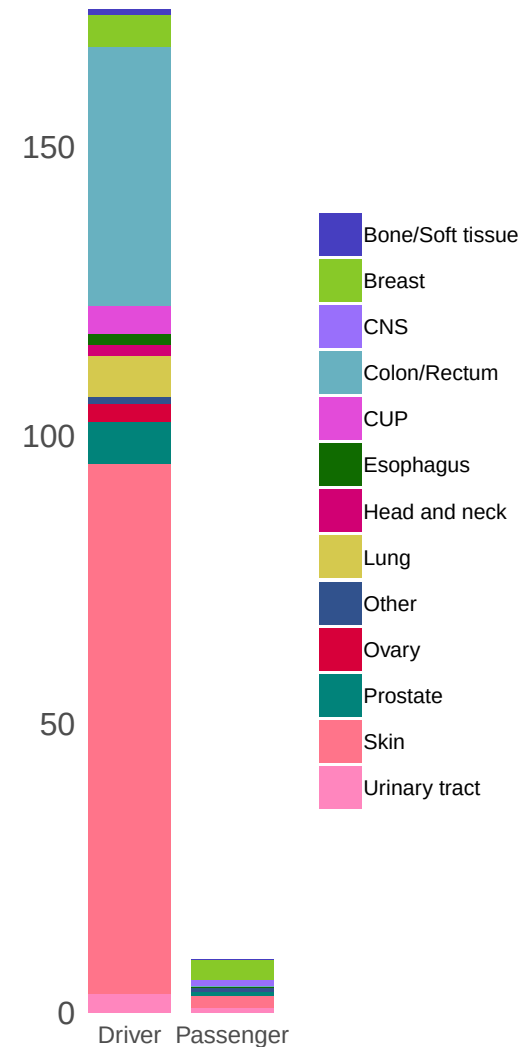
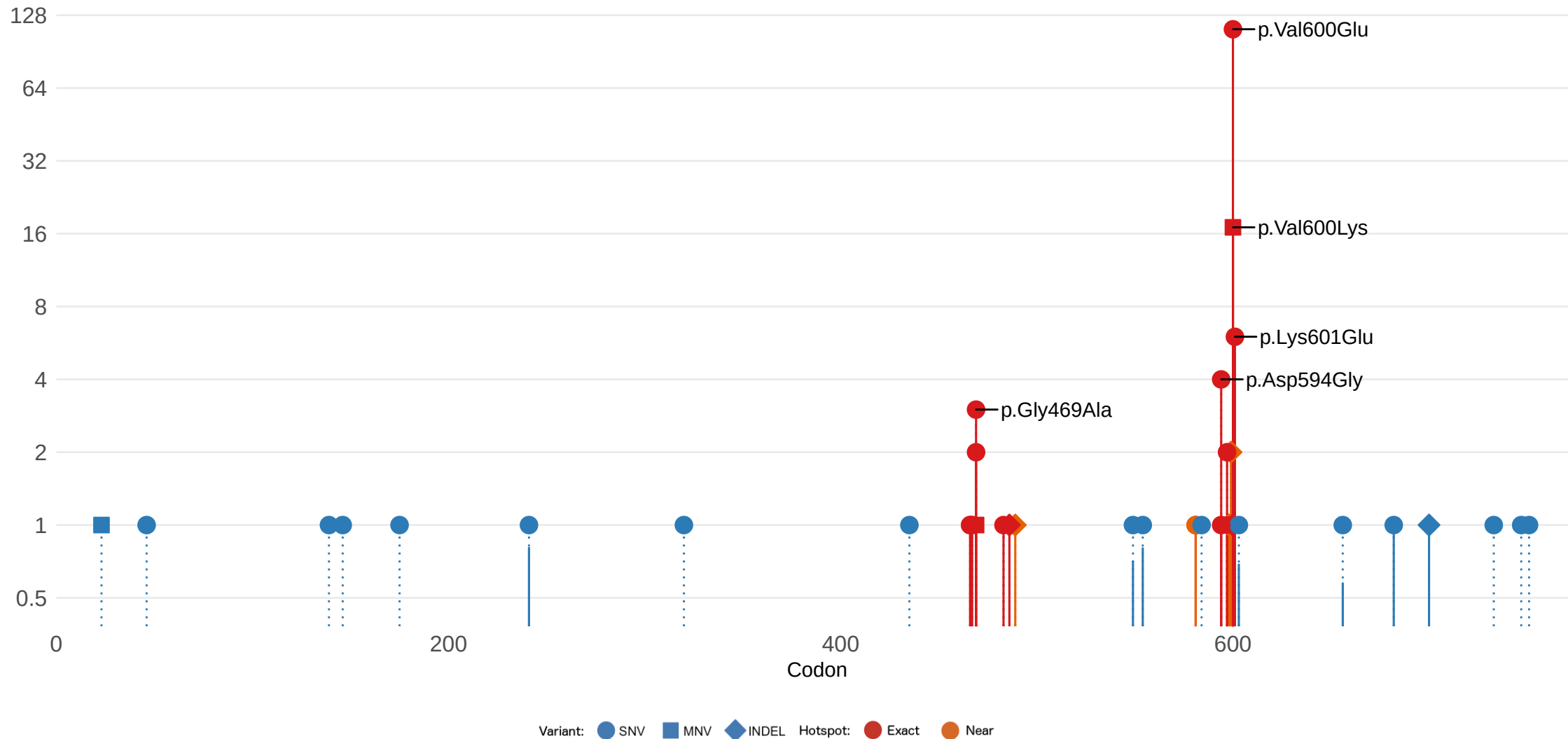
ARID5B Variants



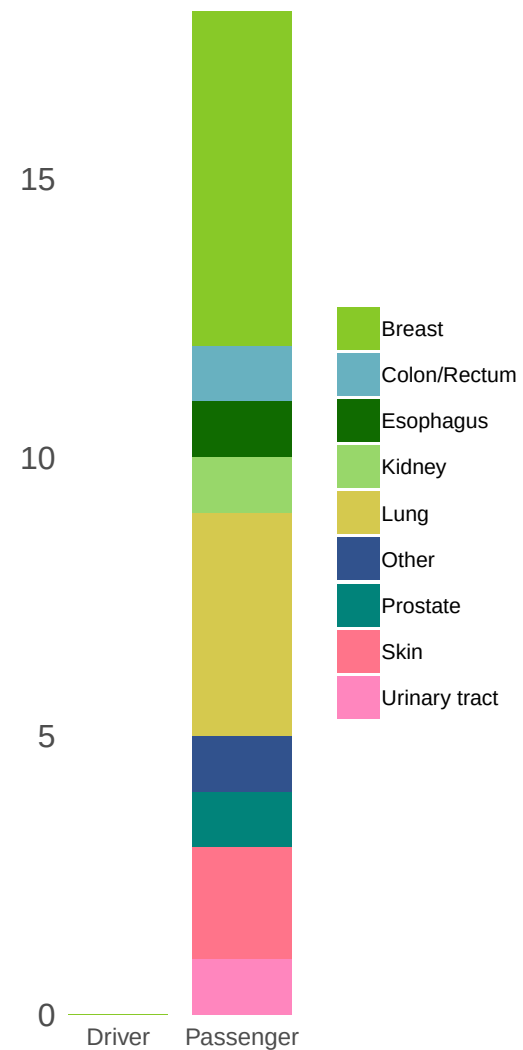
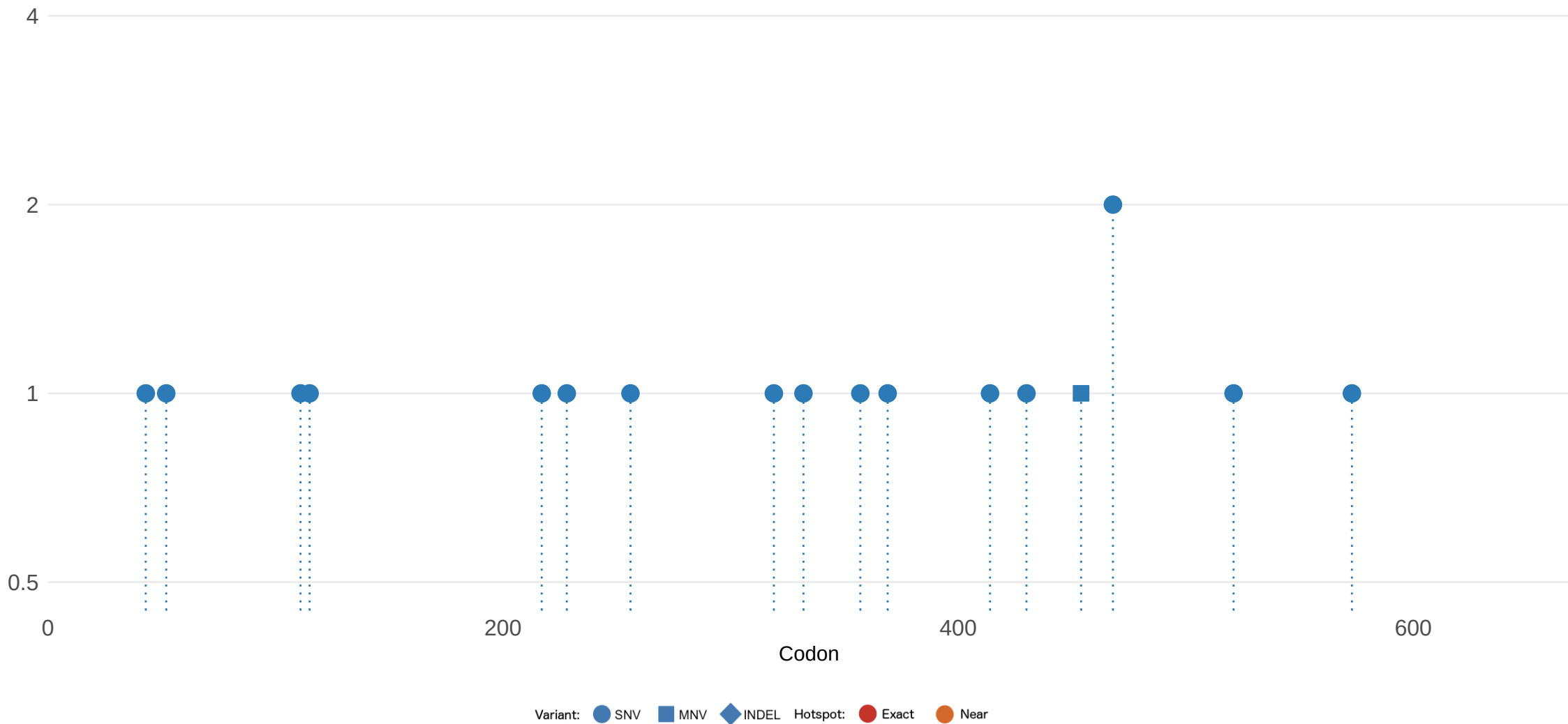
BIRC3 Variants



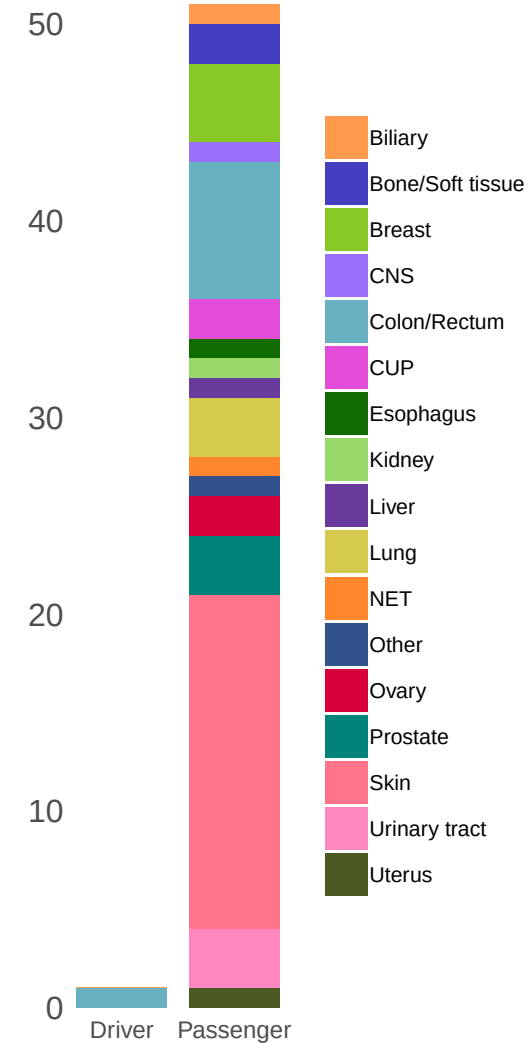
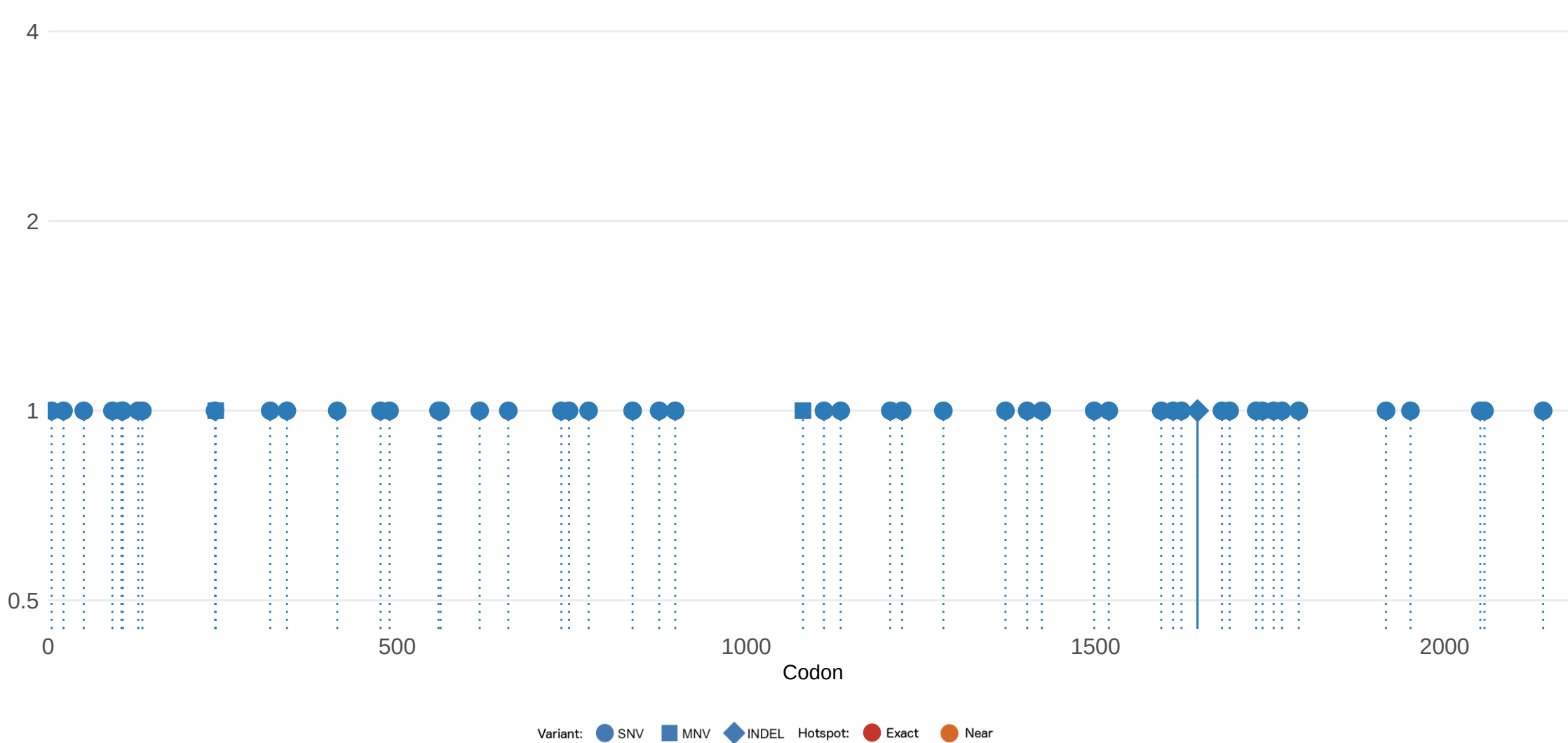
BRAF Variants



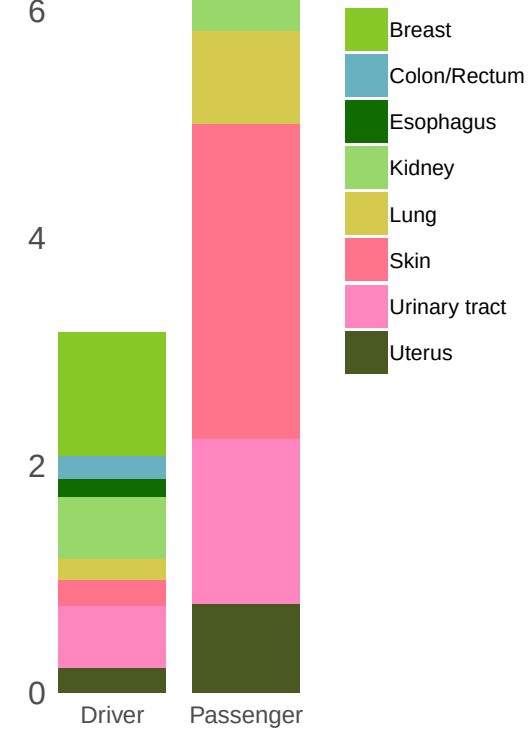
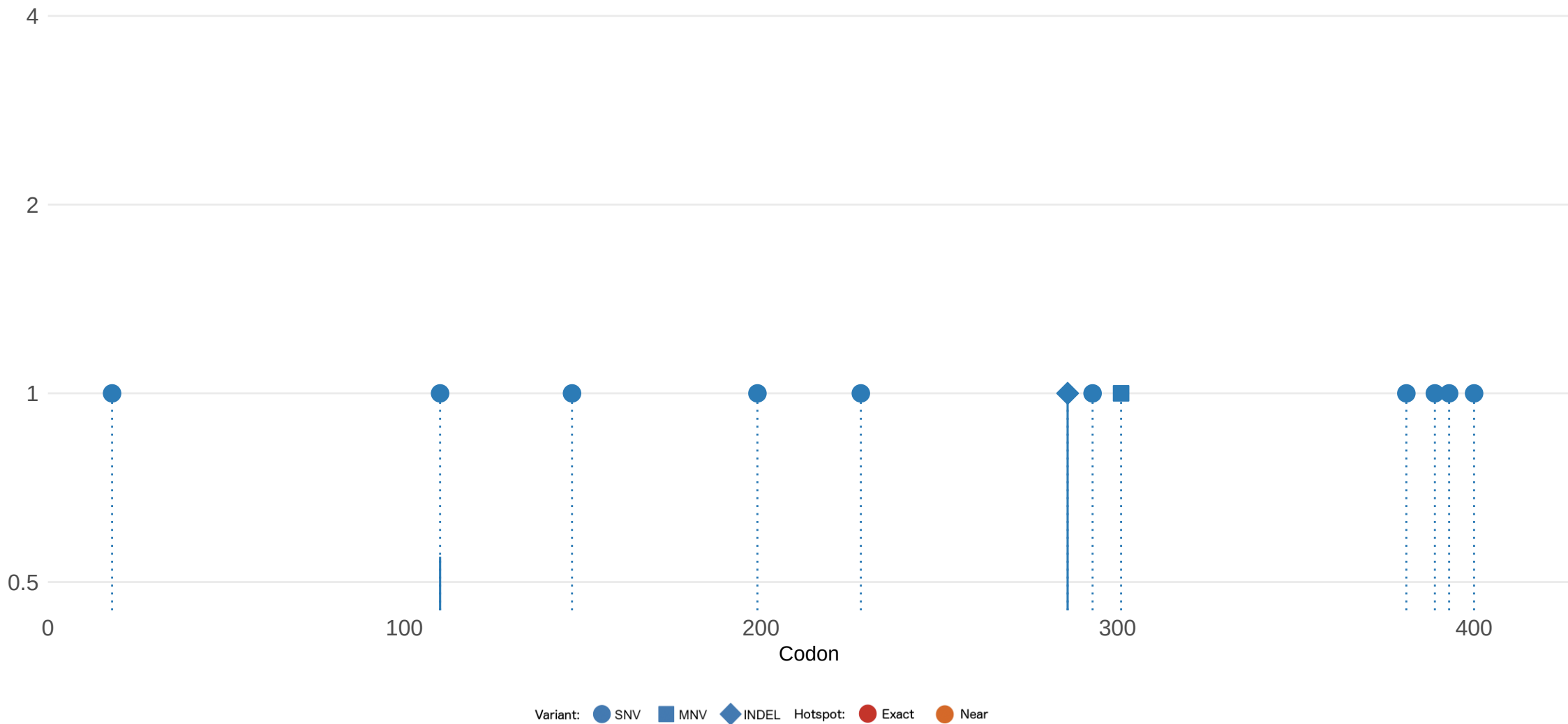
BTK Variants



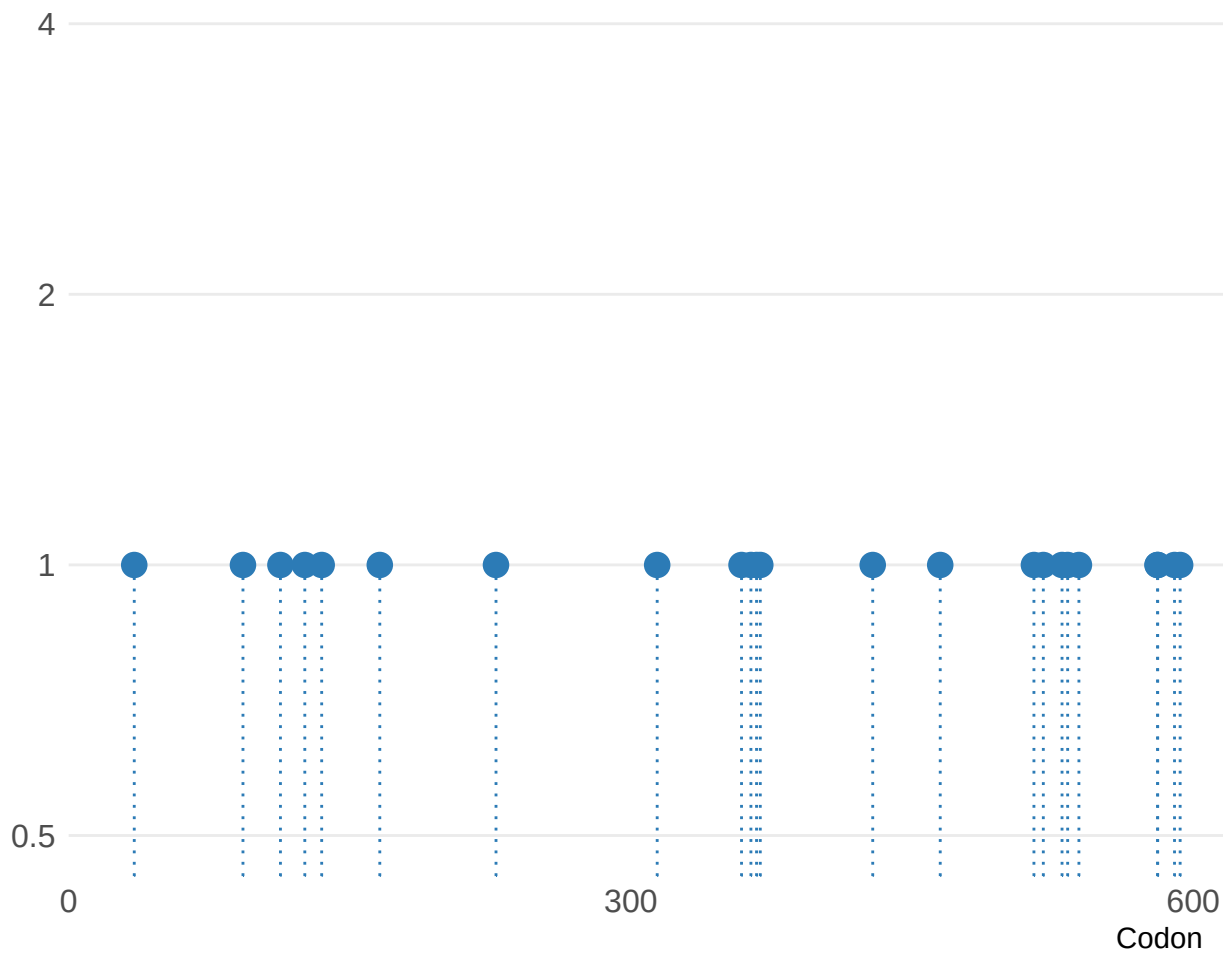
CACNA1D Variants



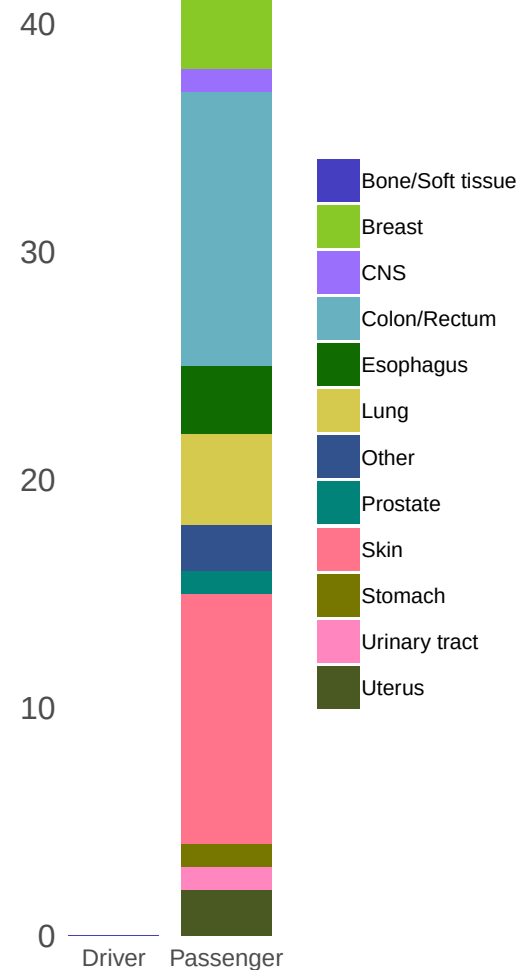
CALR Variants



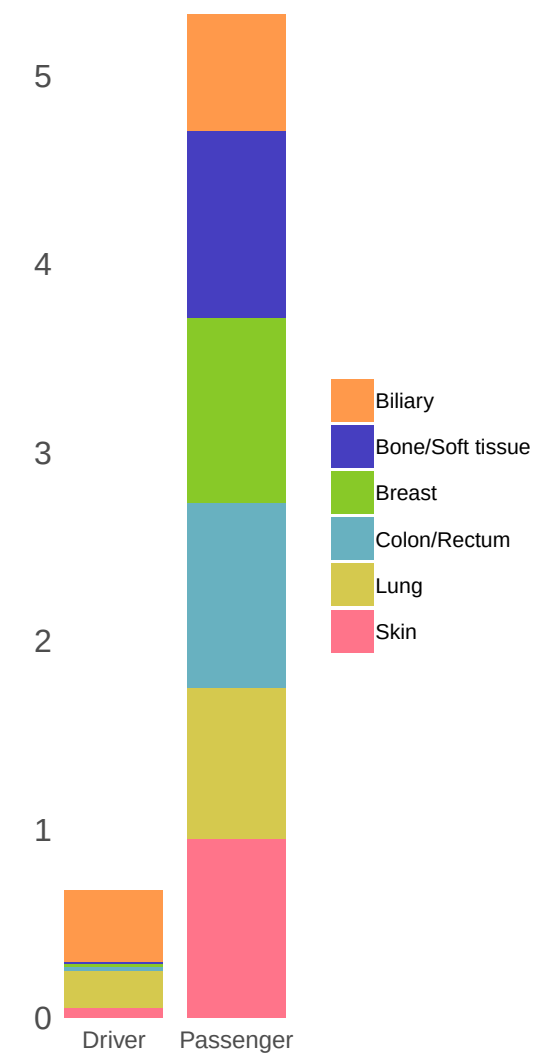
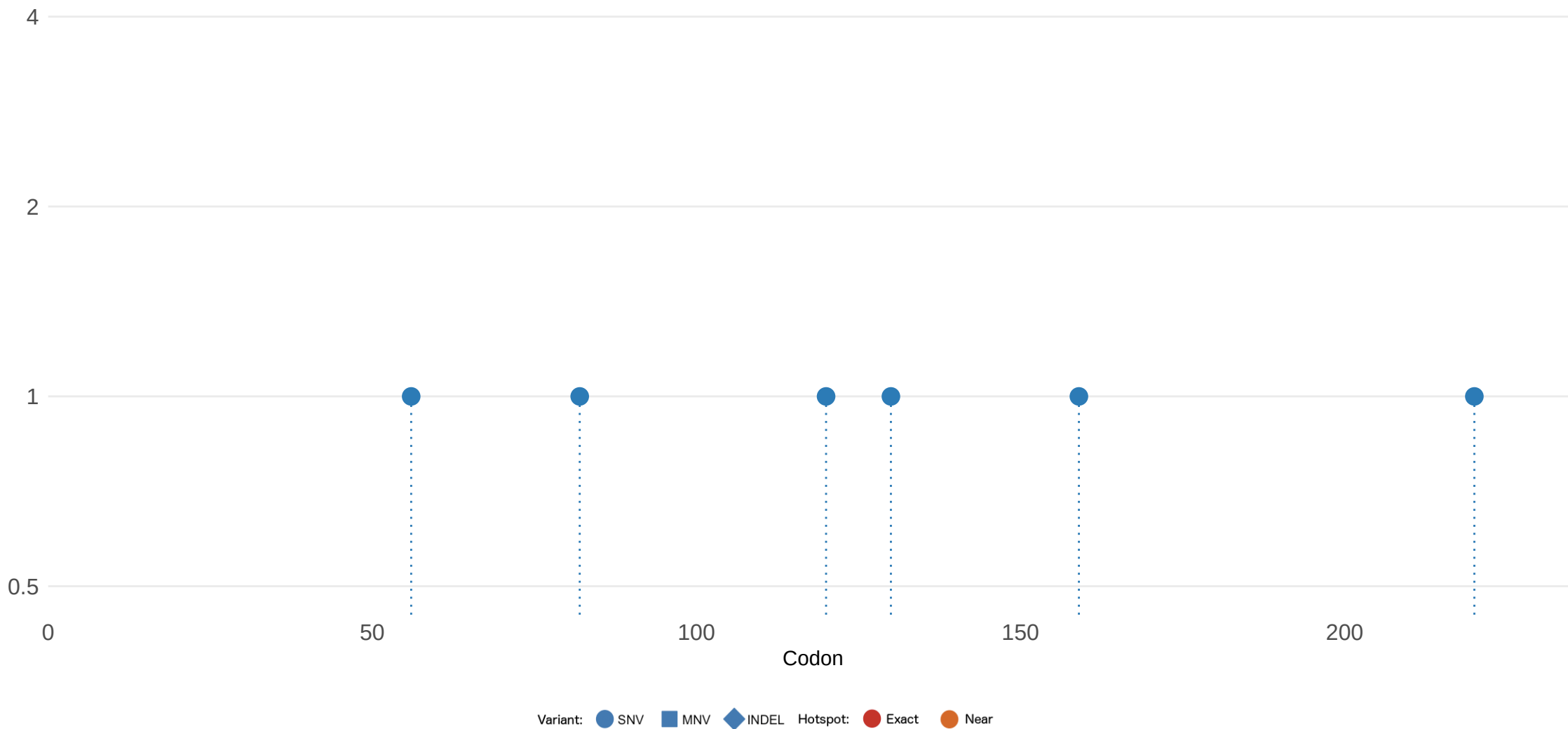
CARD11 Variants



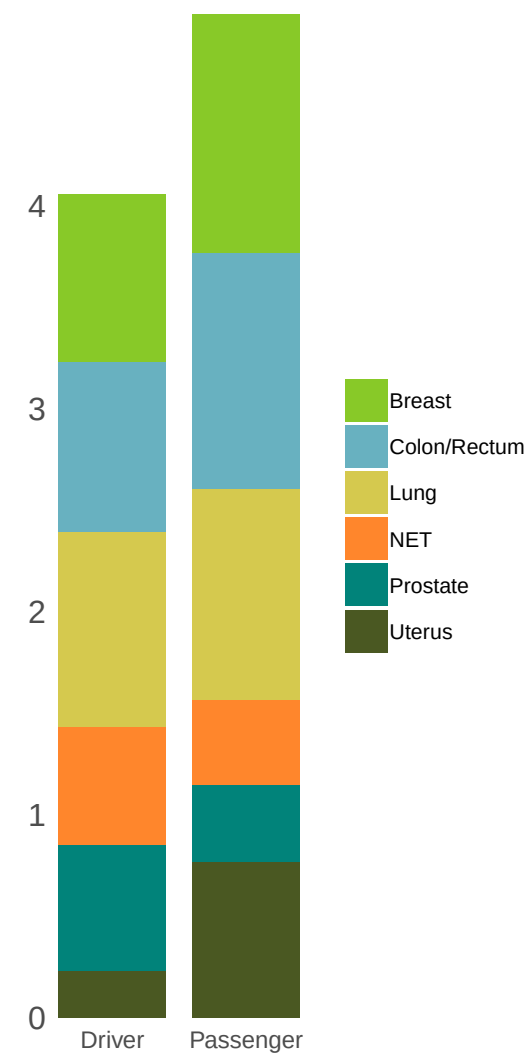
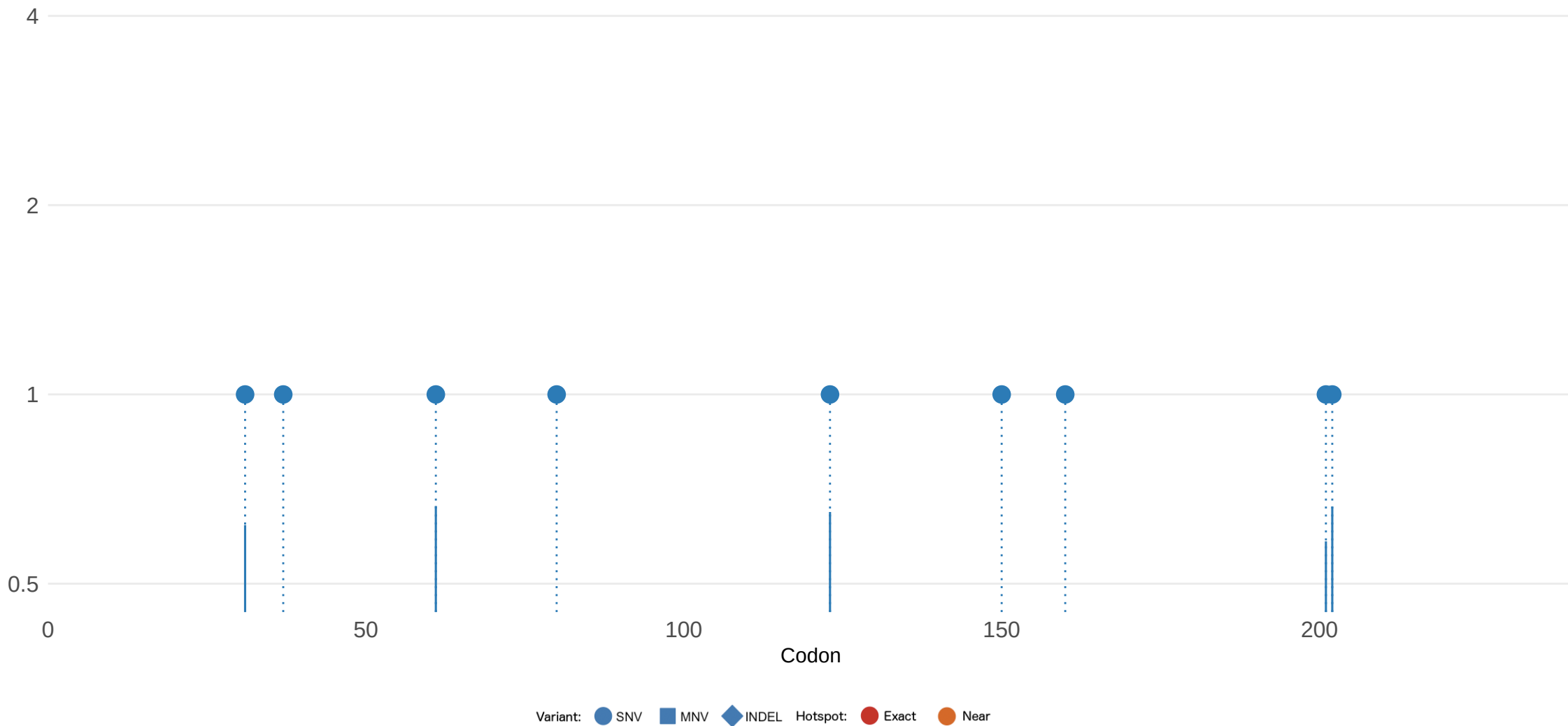
Variant: ● SNV ■ MNV ◆ INDEL Hotspot: ● Exact ● Near



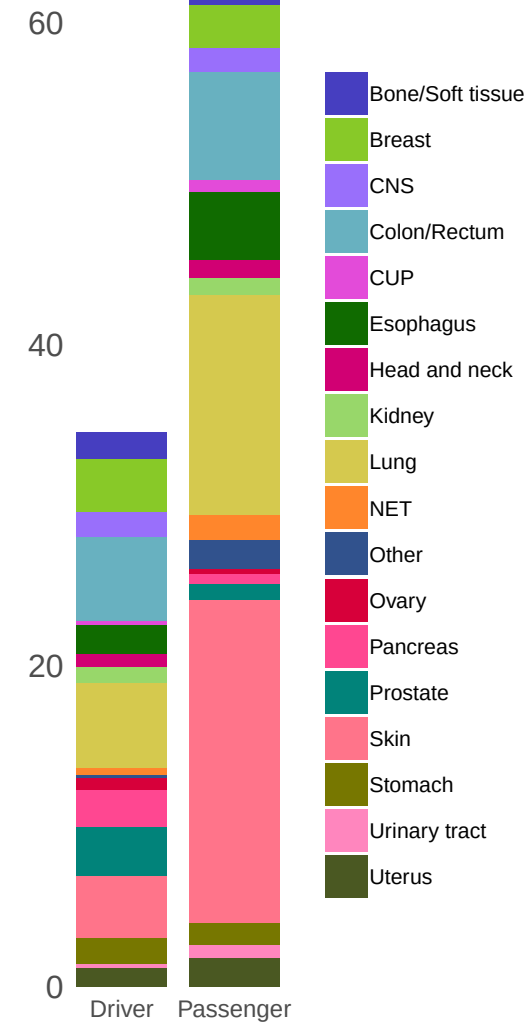
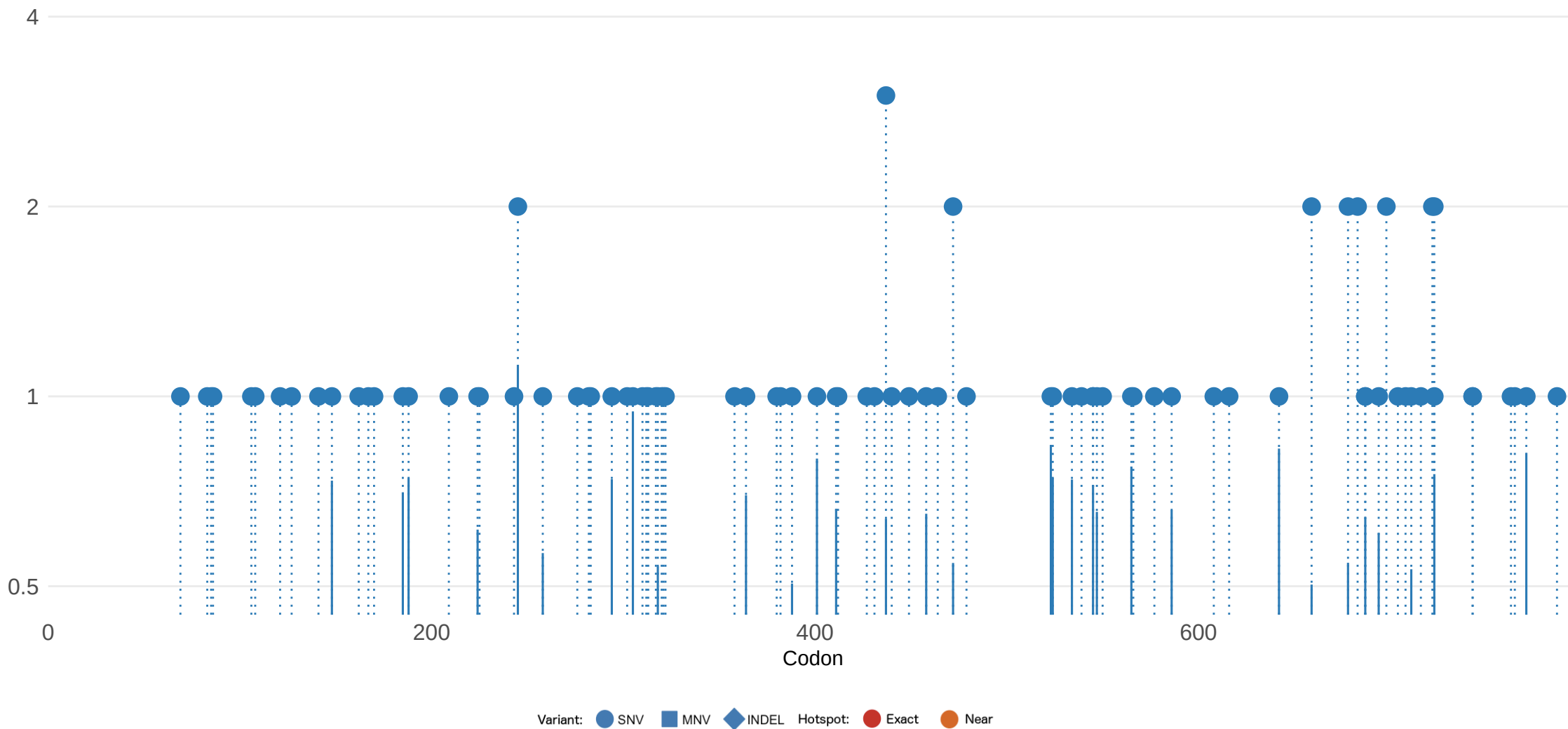
CD79A Variants



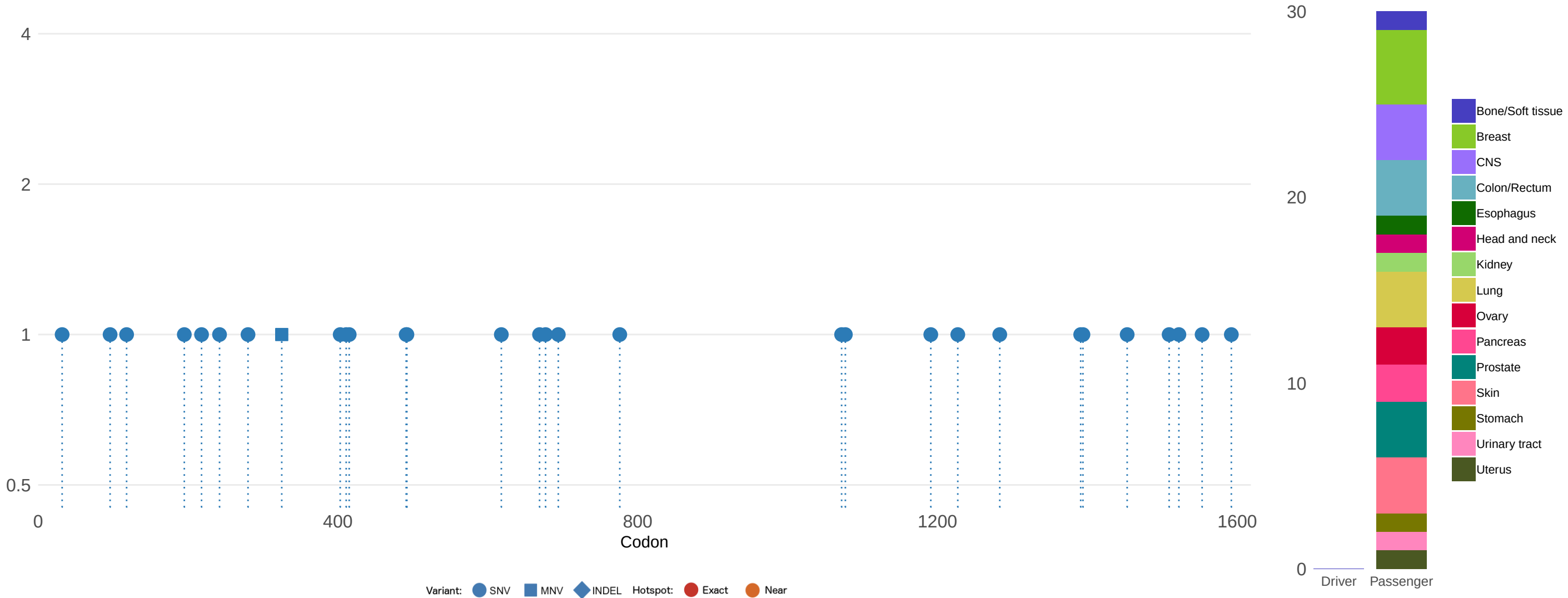
CD79B Variants



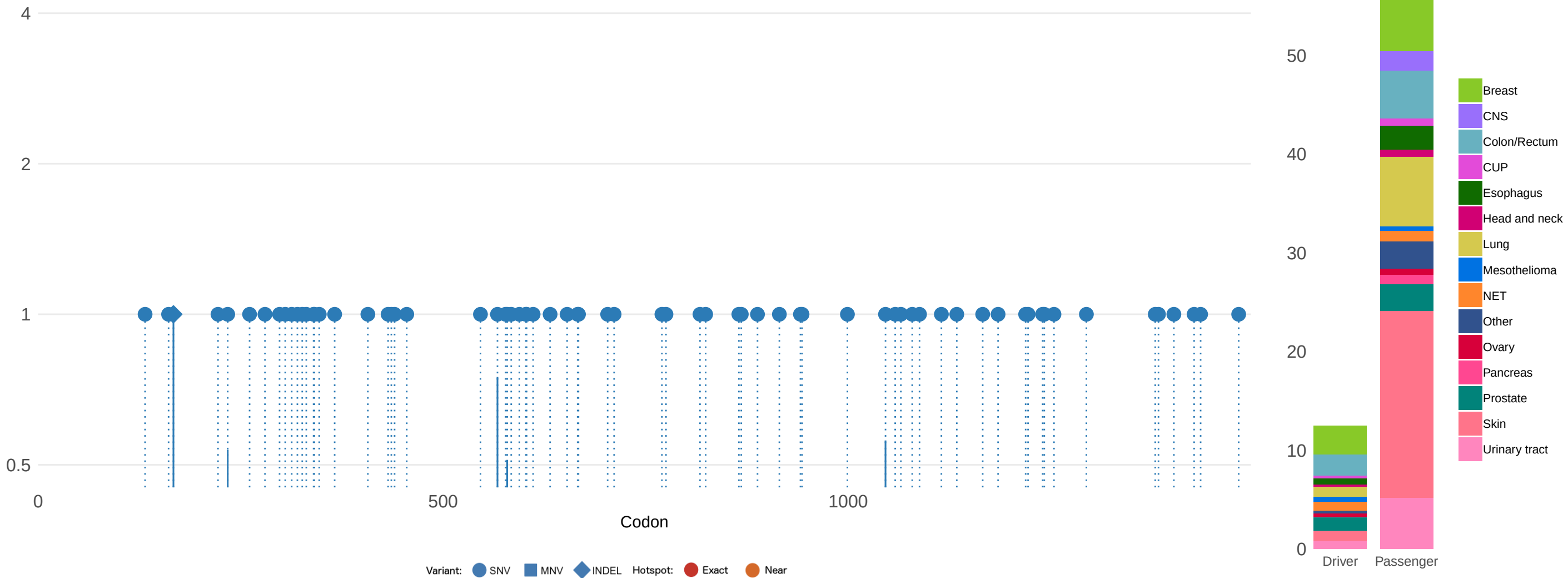
CDH10 Variants



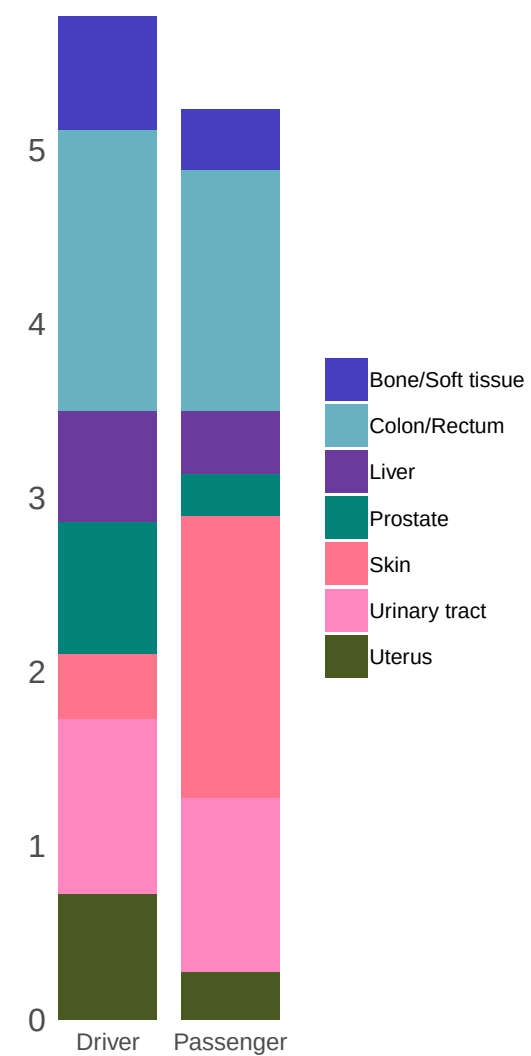
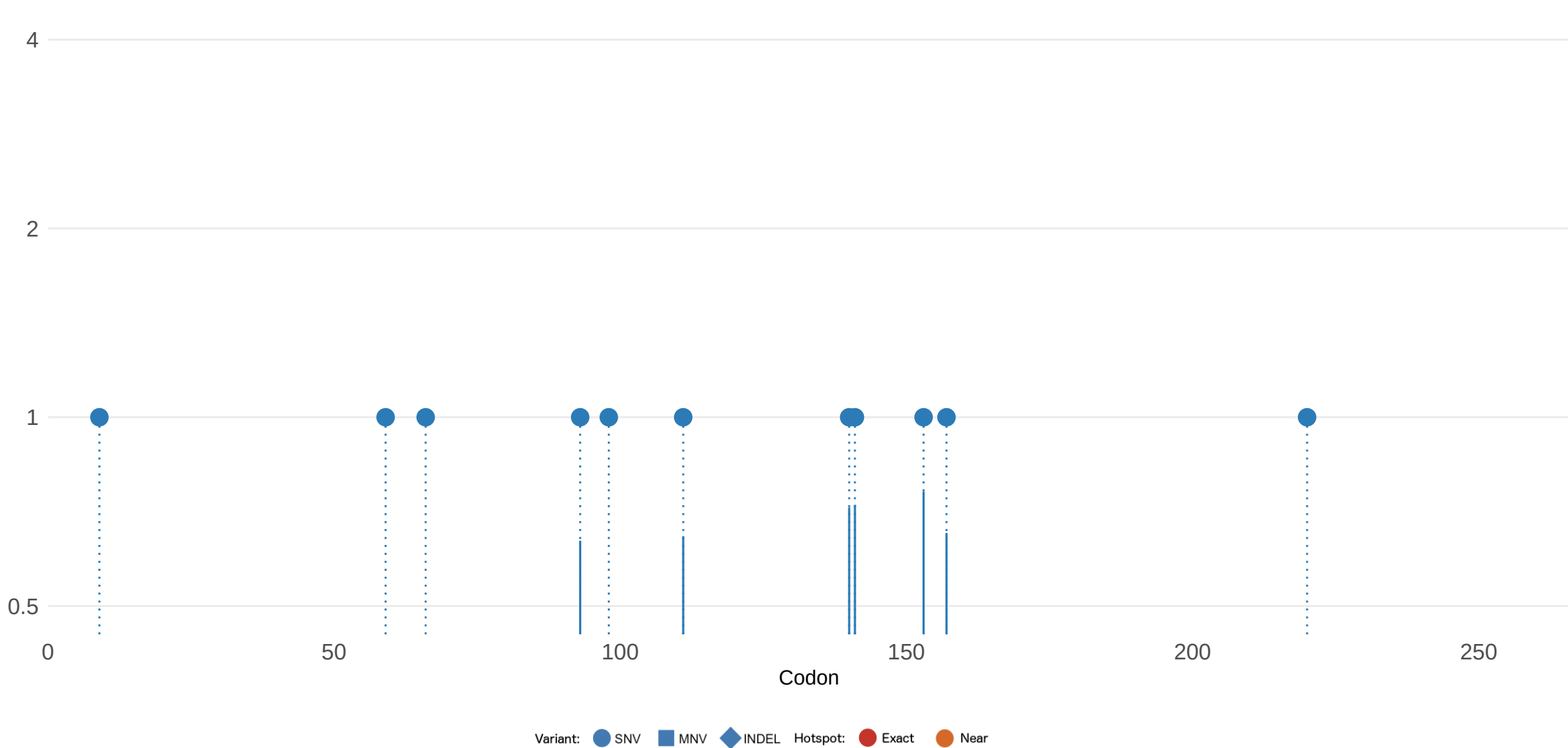
CIC Variants



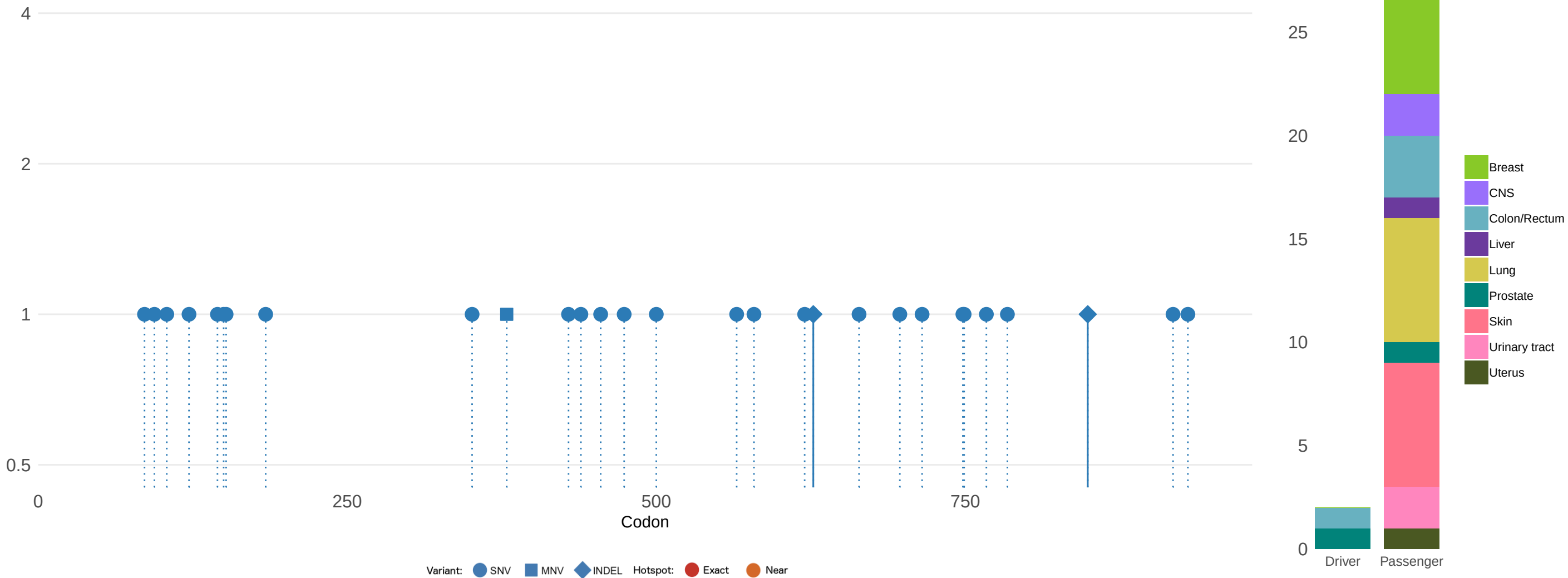
COL2A1 Variants



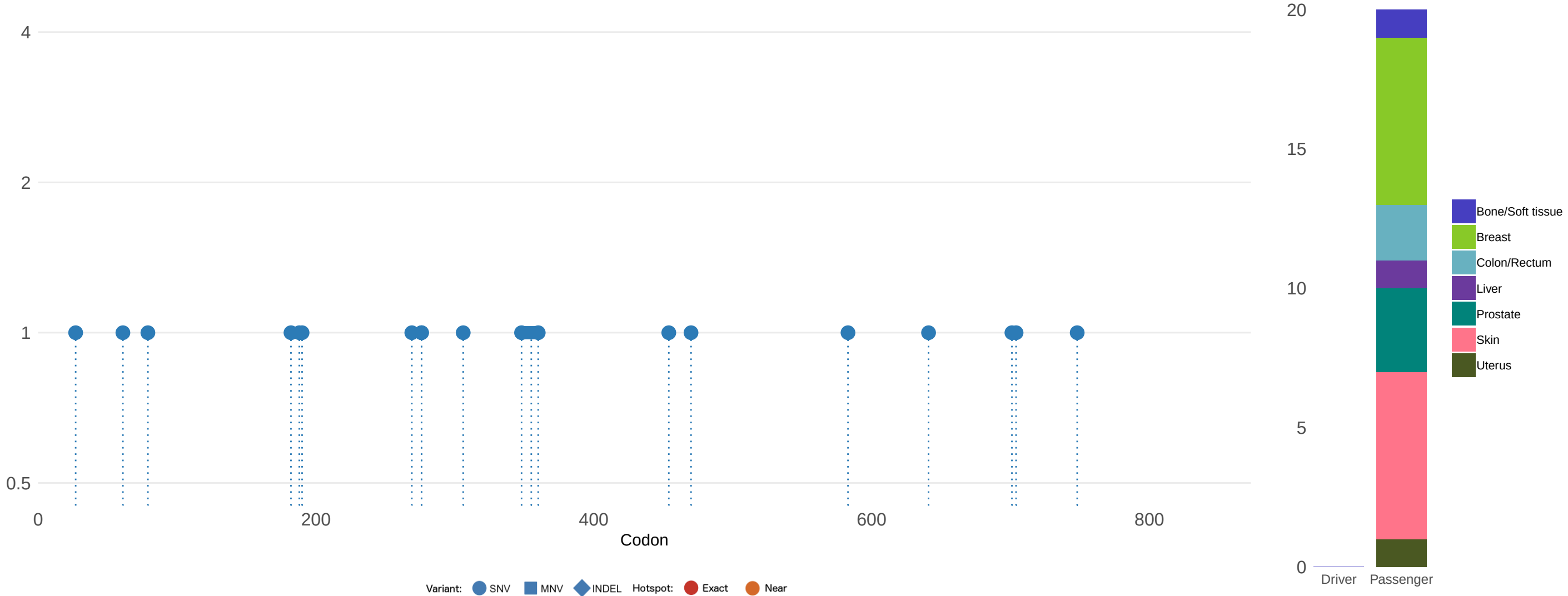
CRLF2 Variants



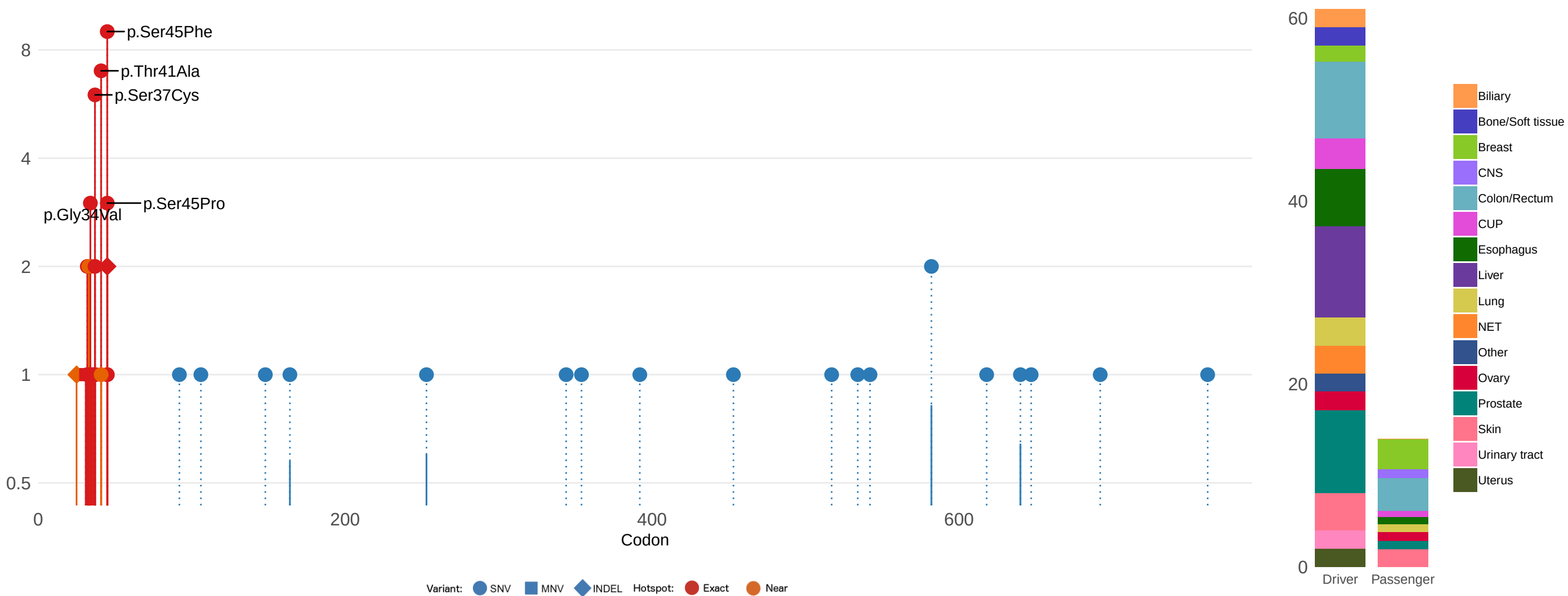
CSF1R Variants



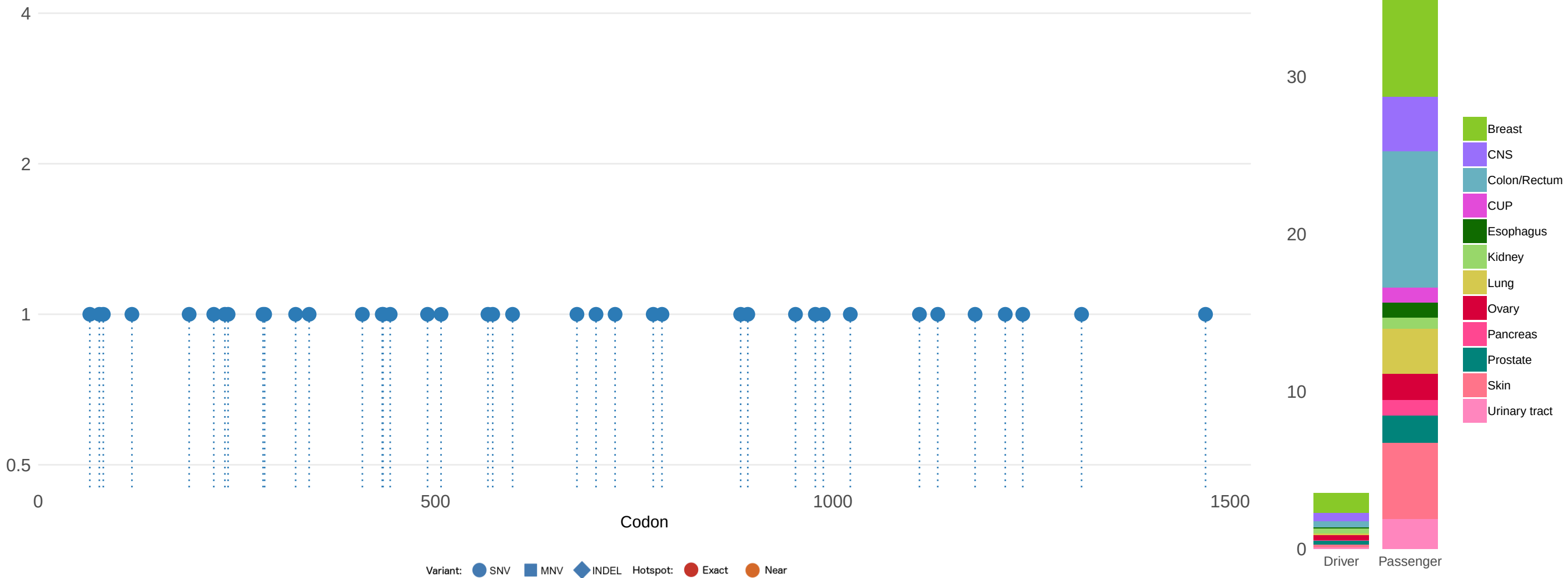
CSF3R Variants



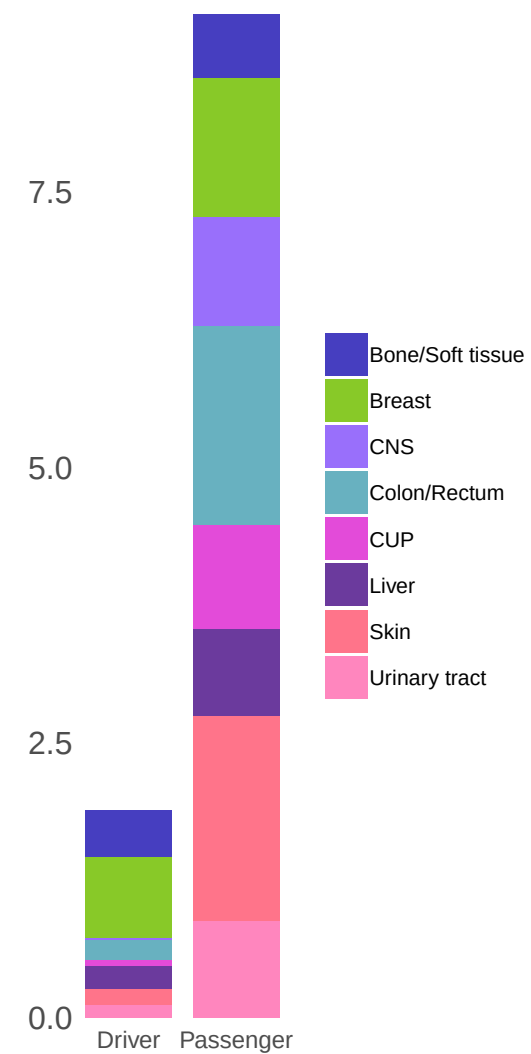
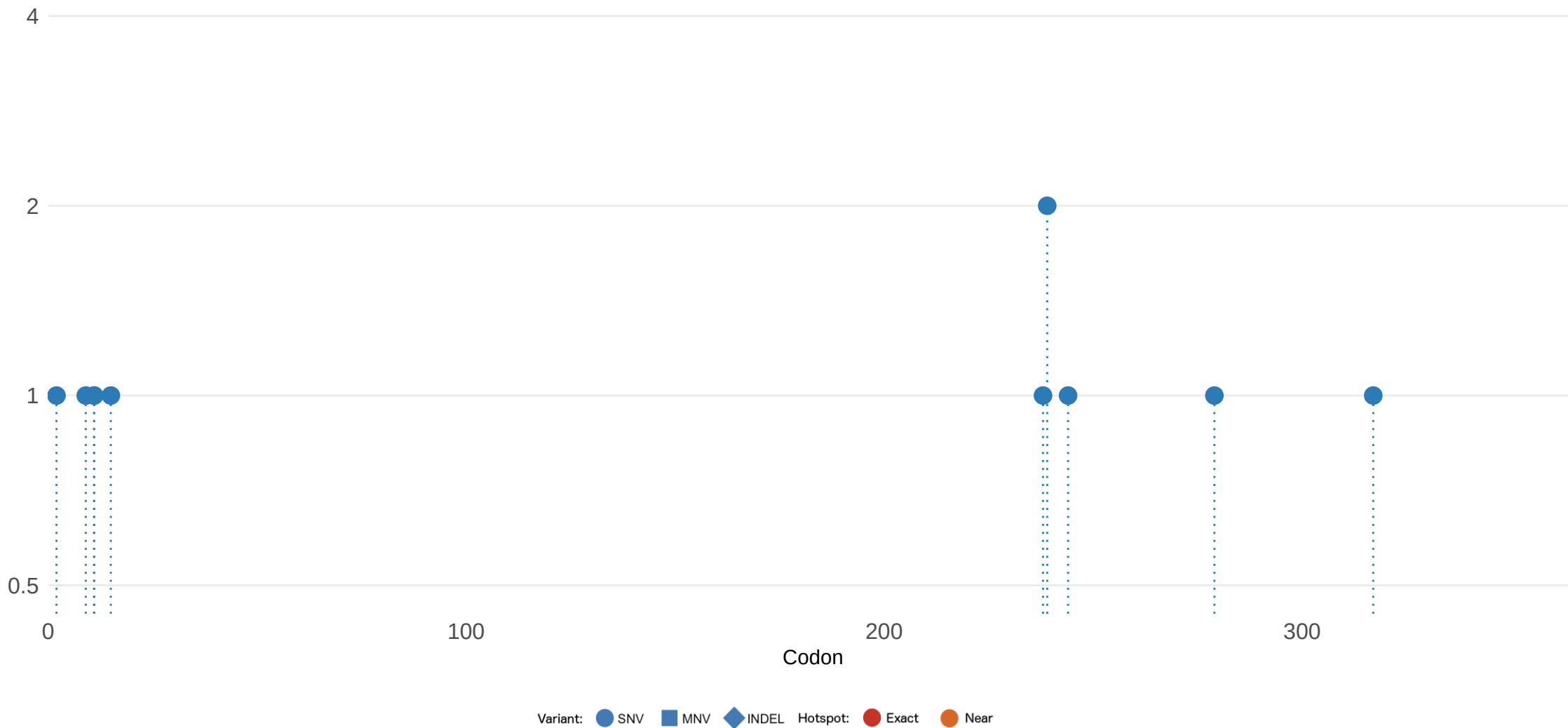
CTNNB1 Variants



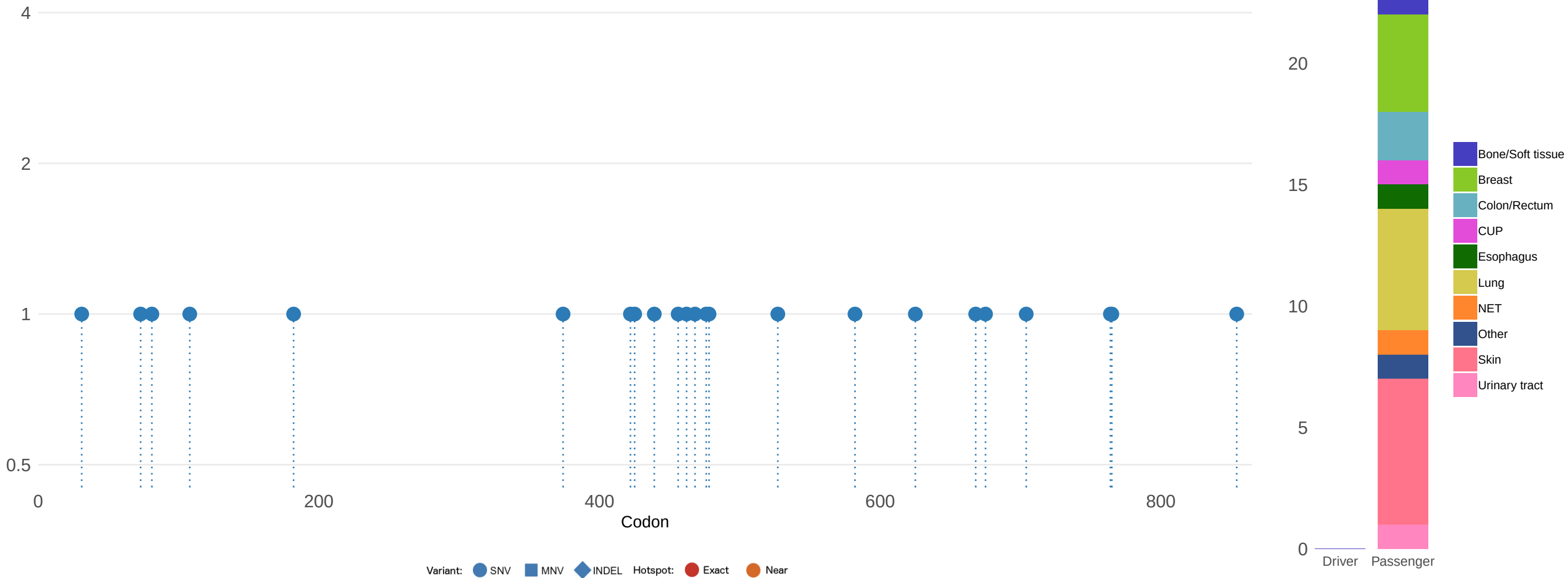
CUX1 Variants



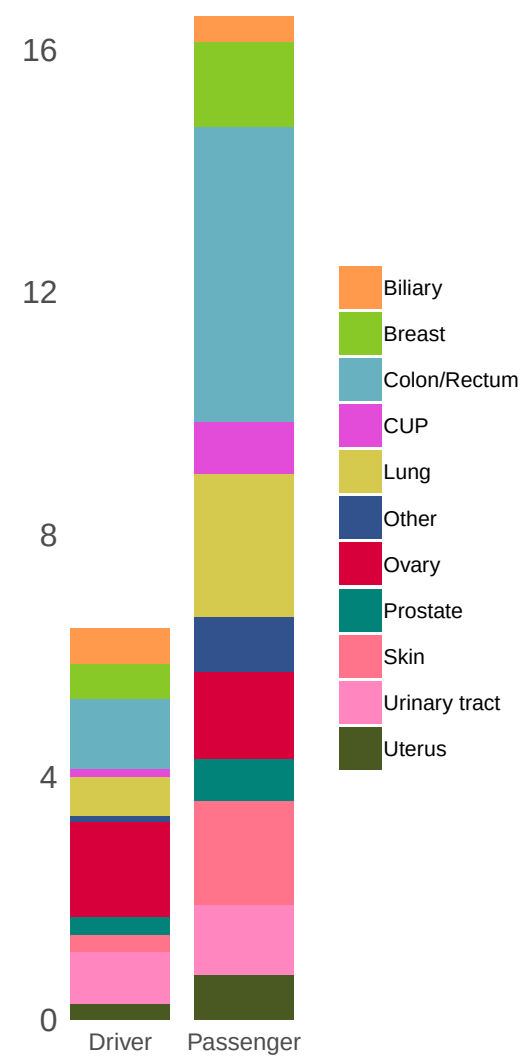
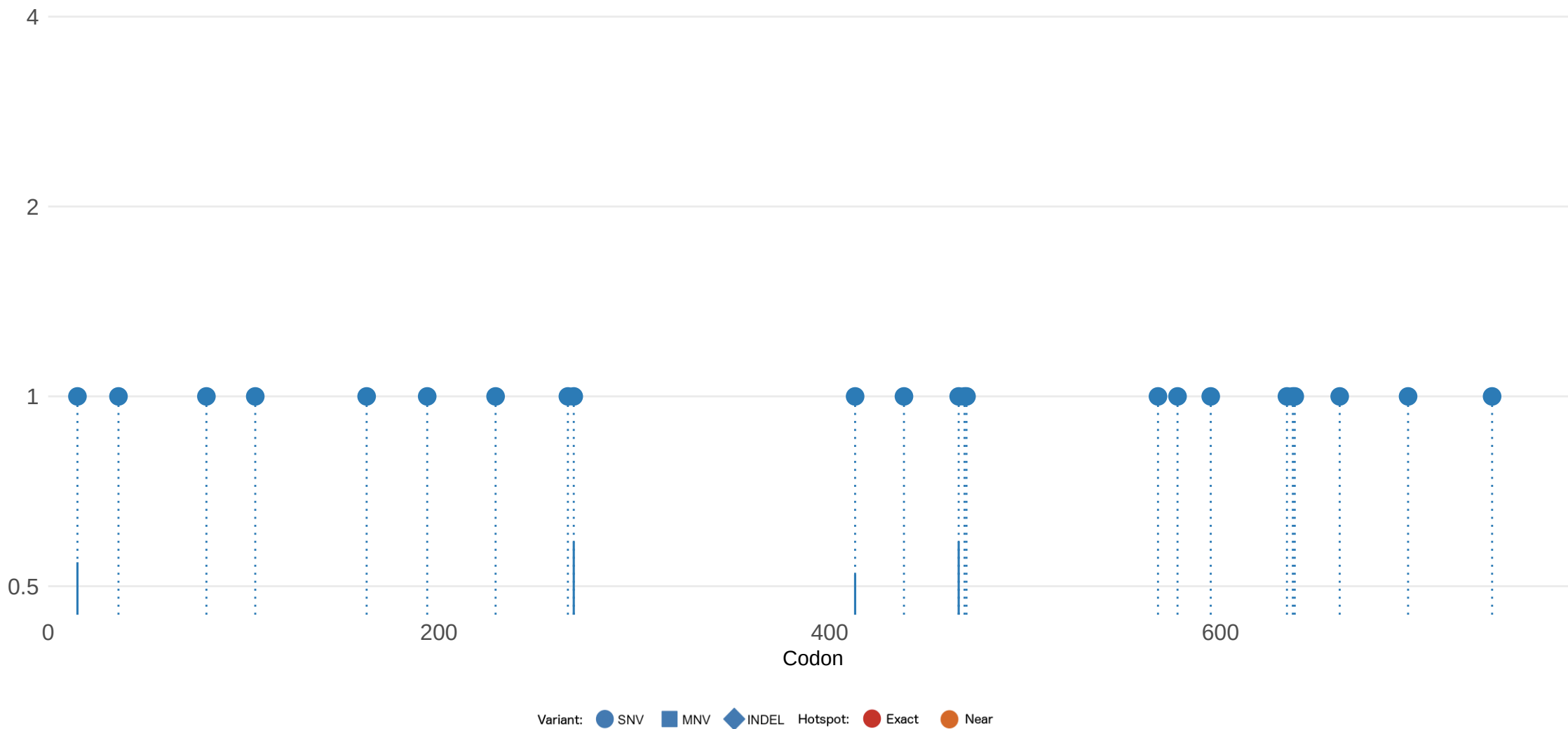
CXCR4 Variants



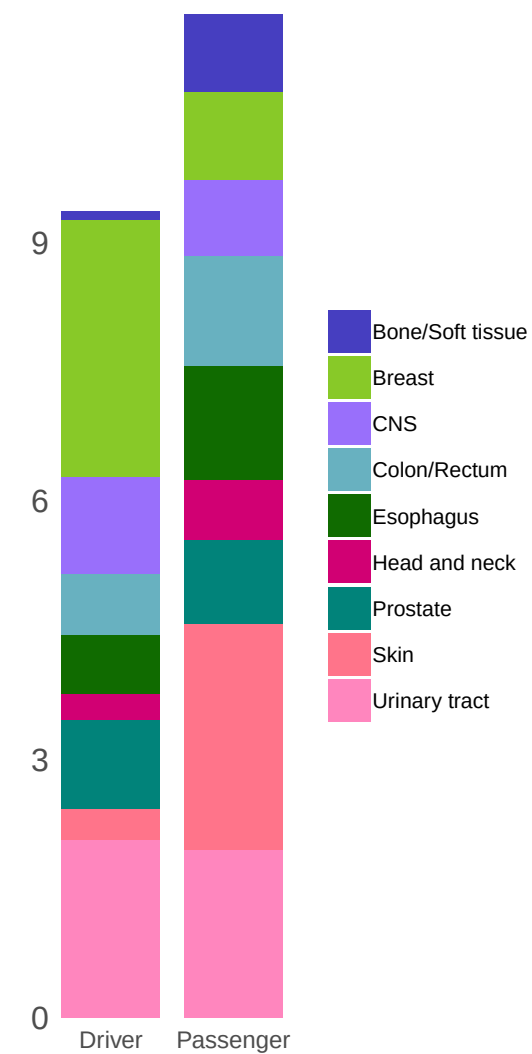
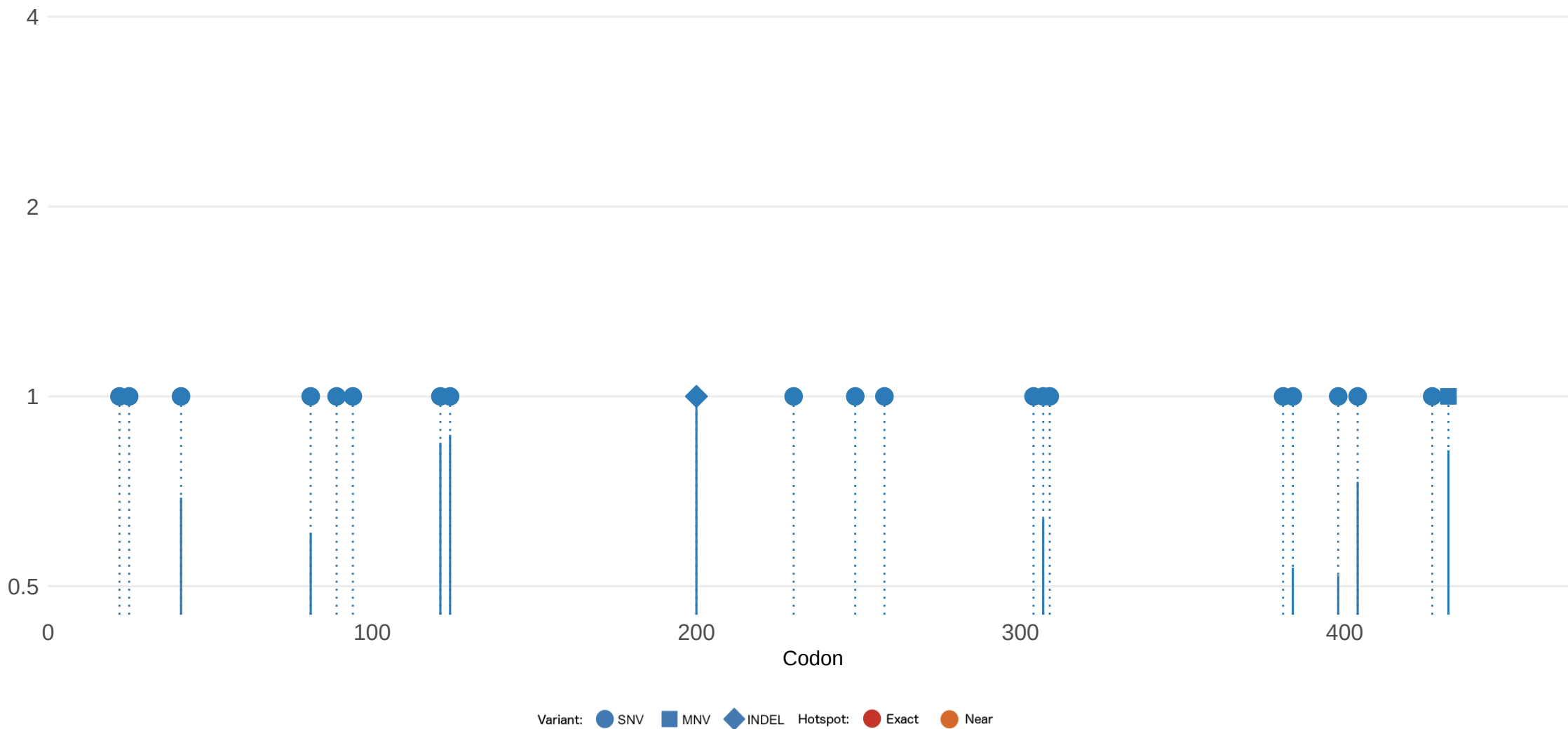
DDR2 Variants



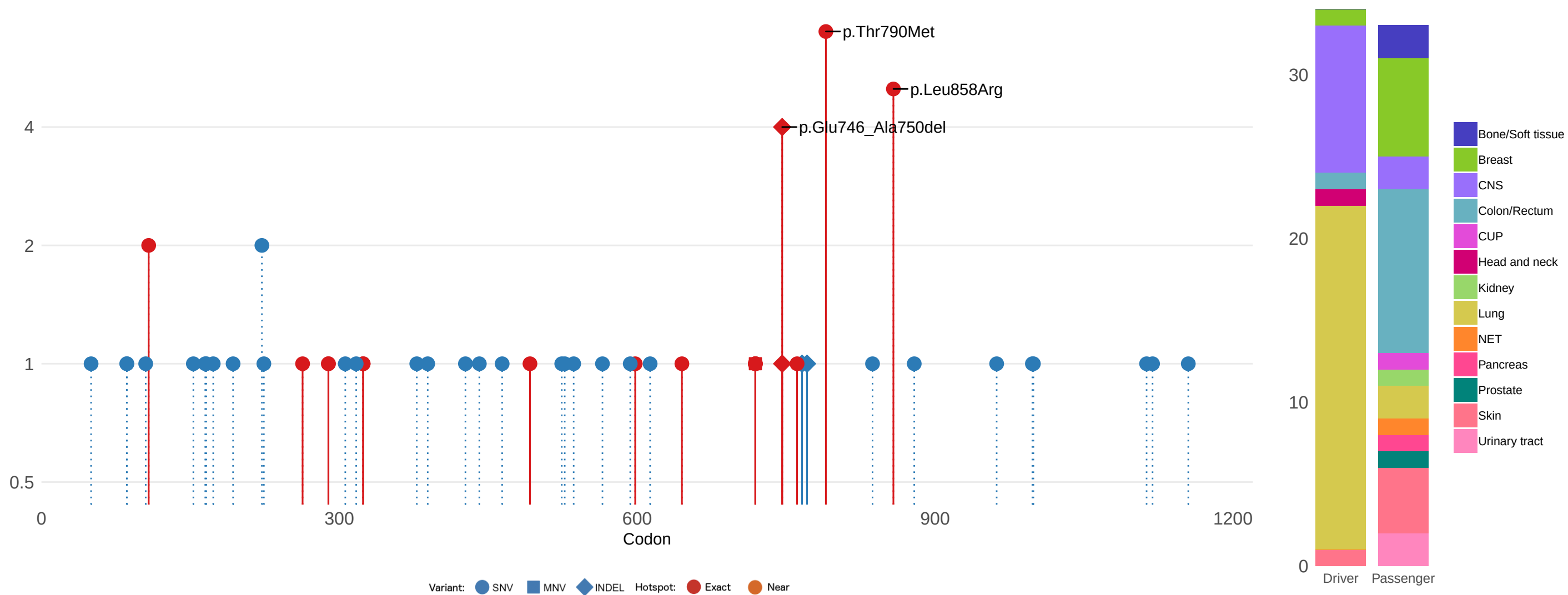
DGCR8 Variants



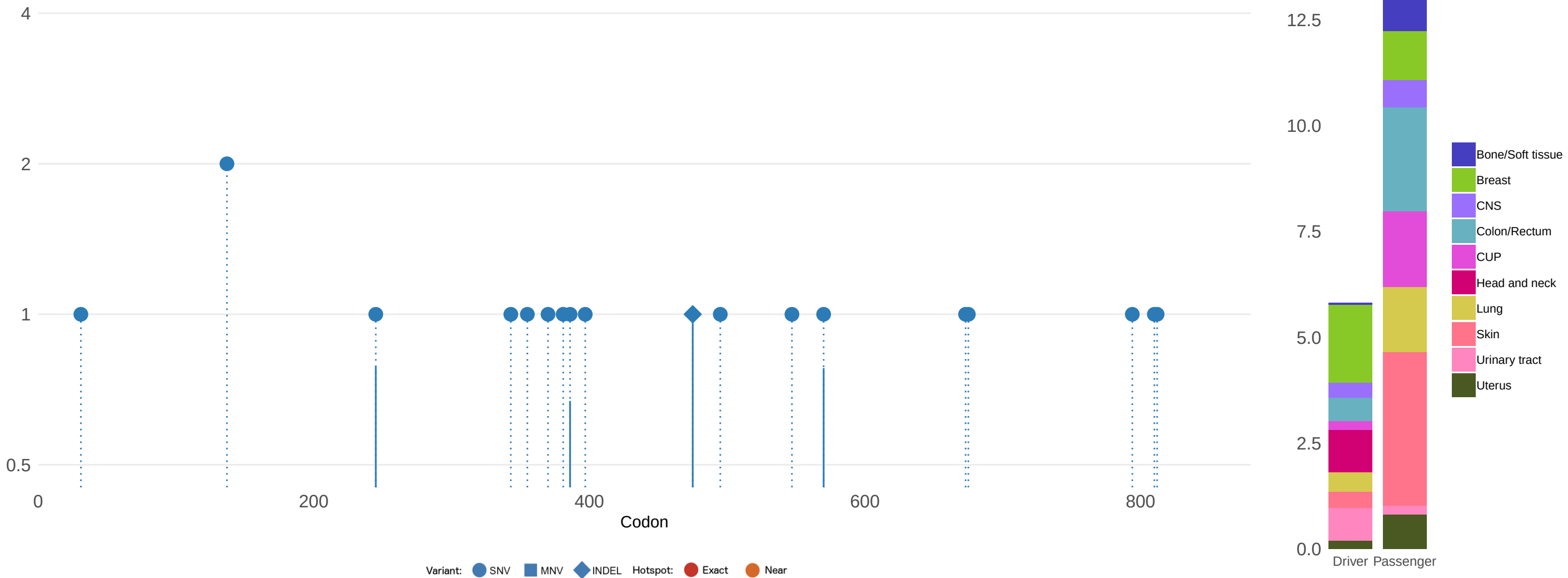
EEF1A1 Variants



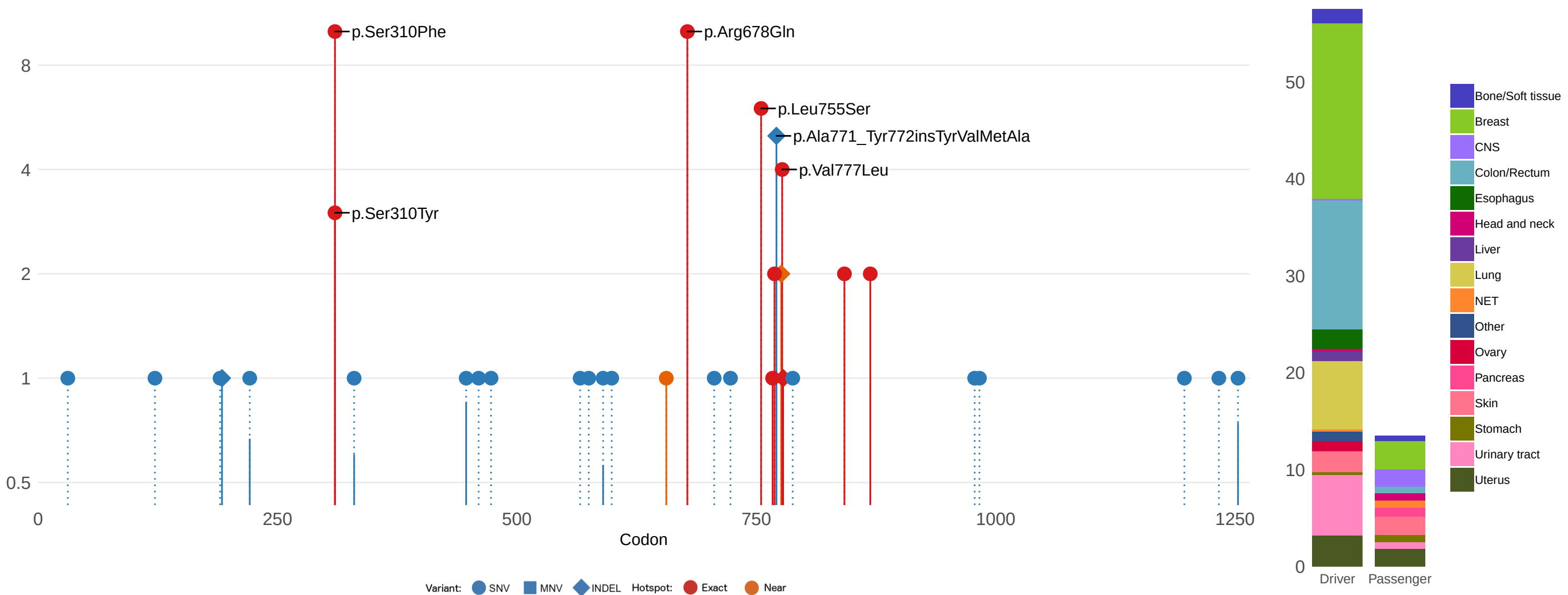
EGFR Variants



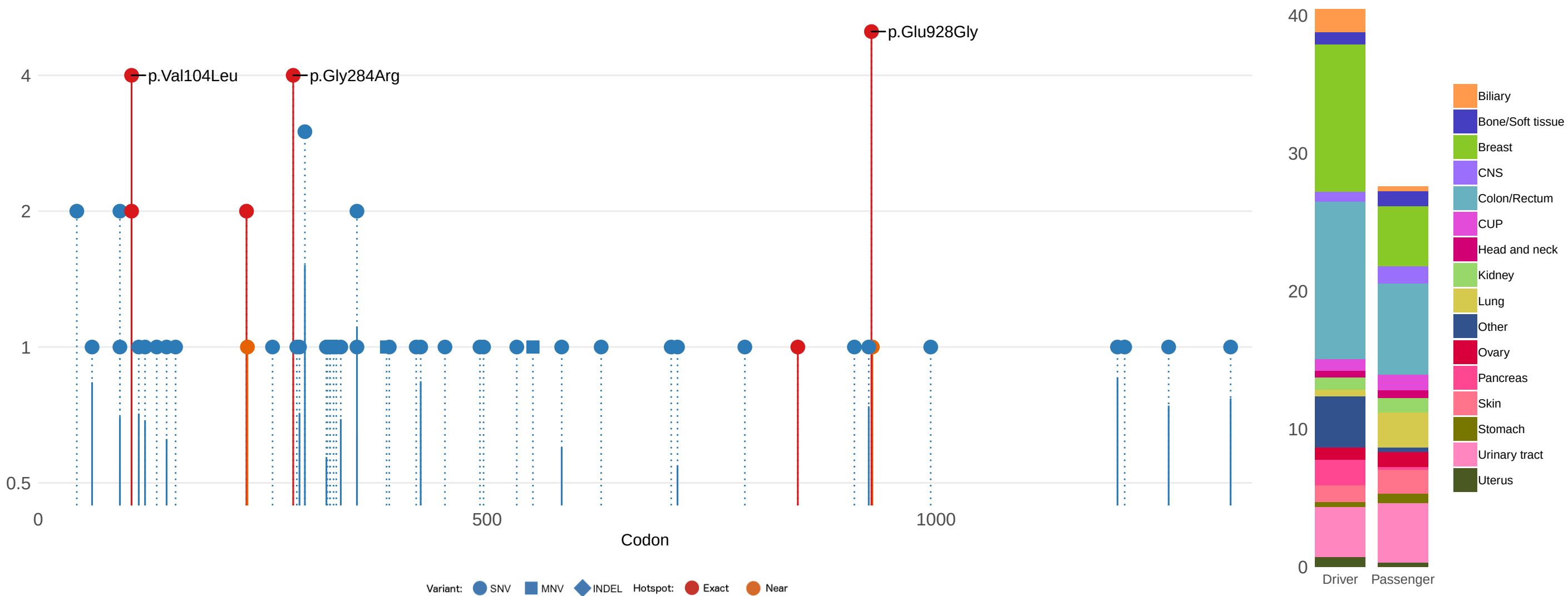
EPAS1 Variants



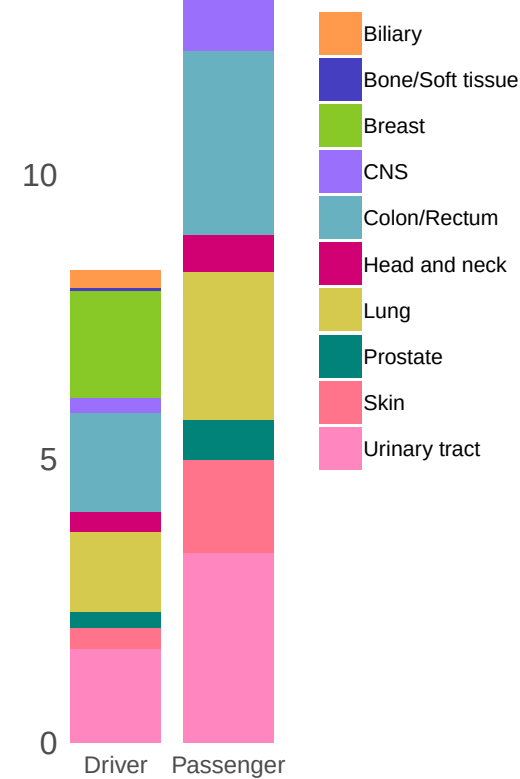
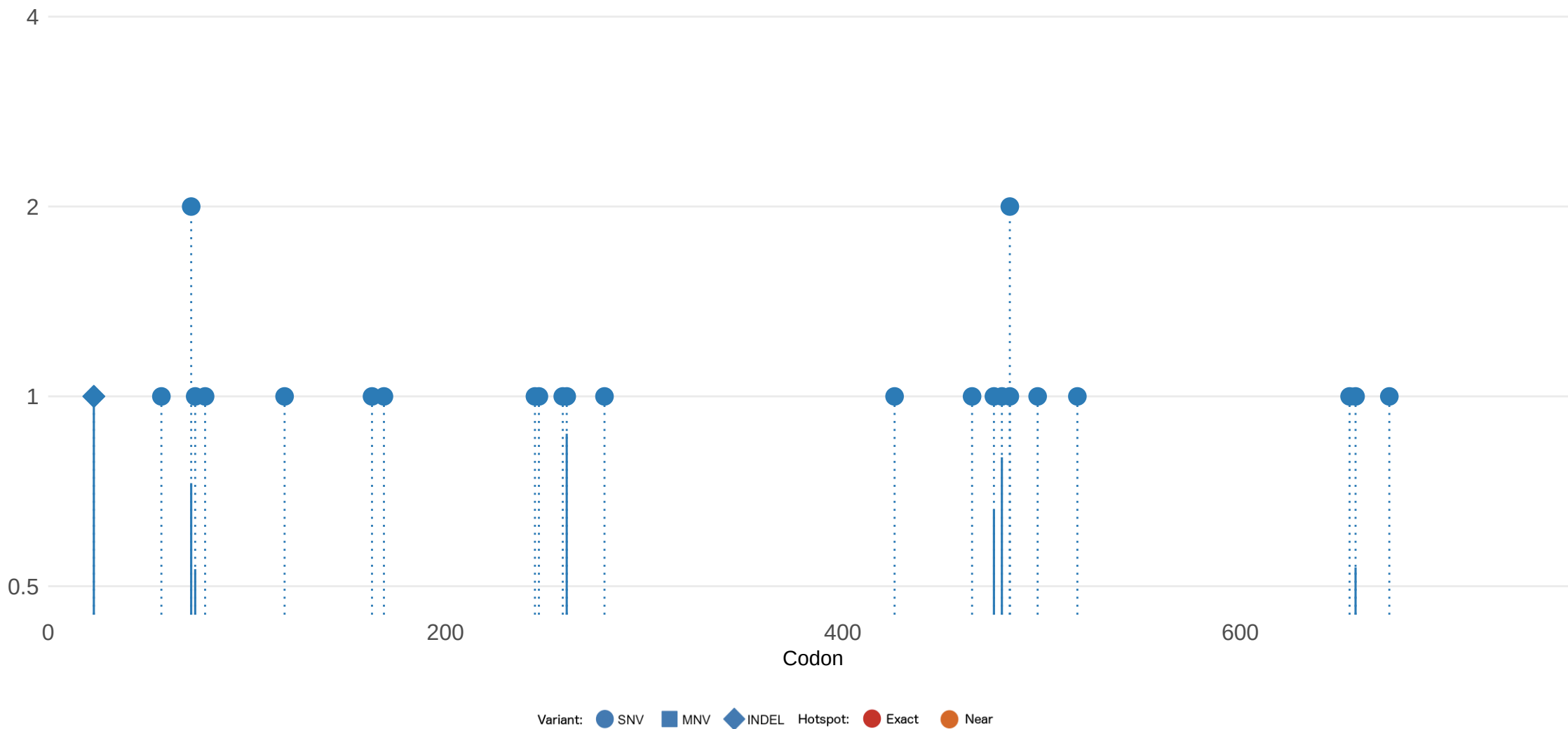
ERBB2 Variants



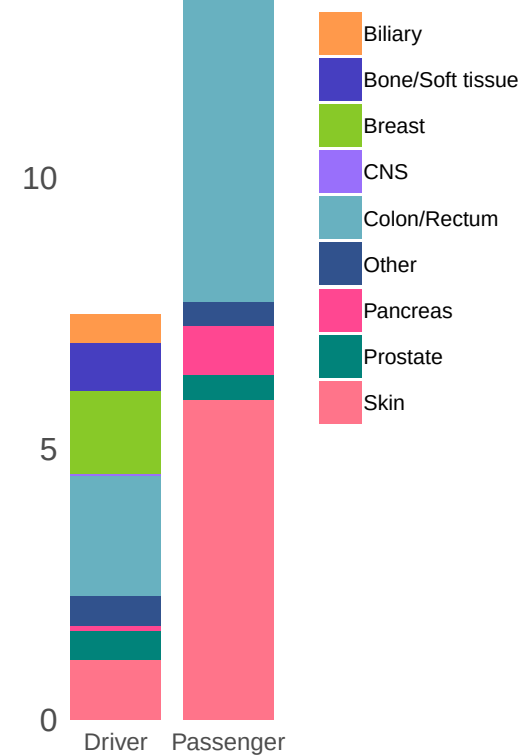
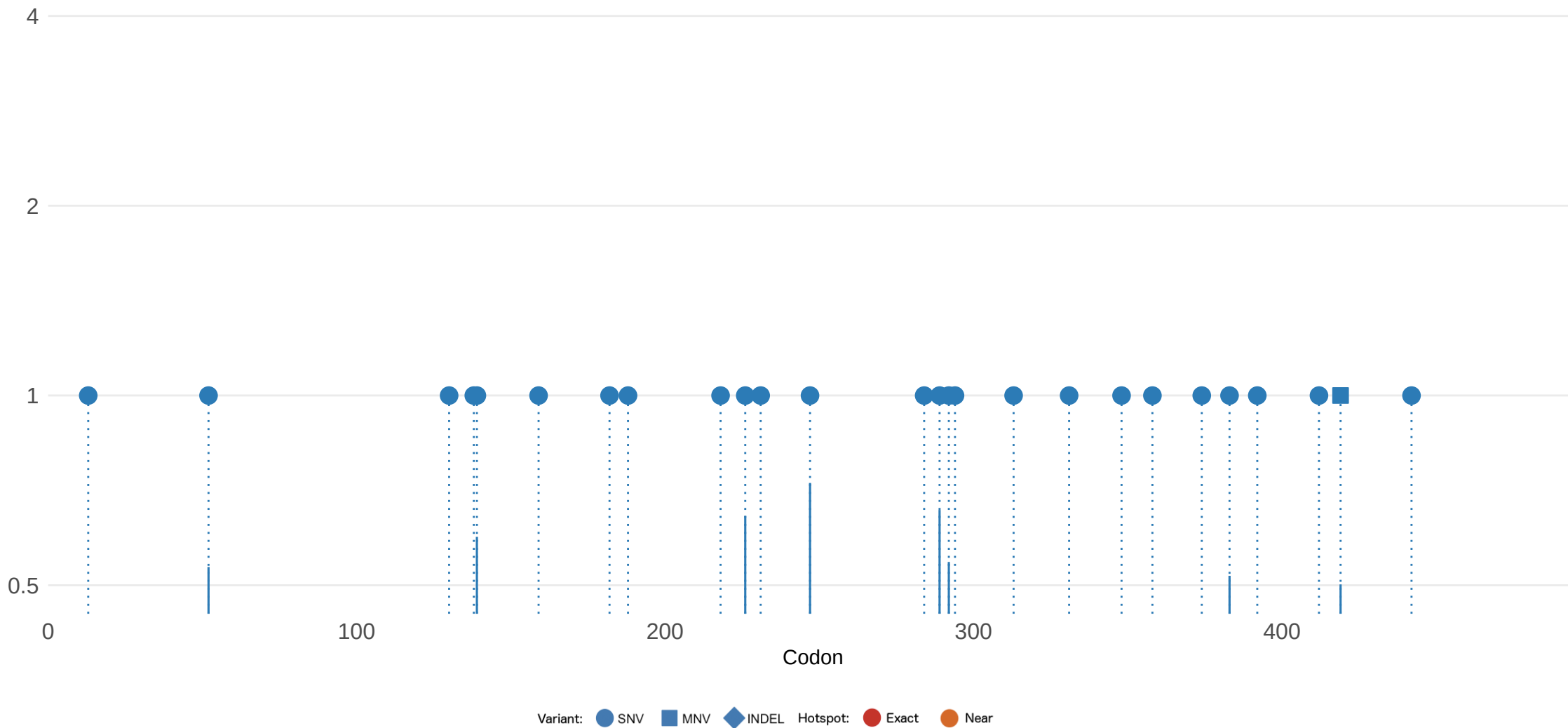
ERBB3 Variants



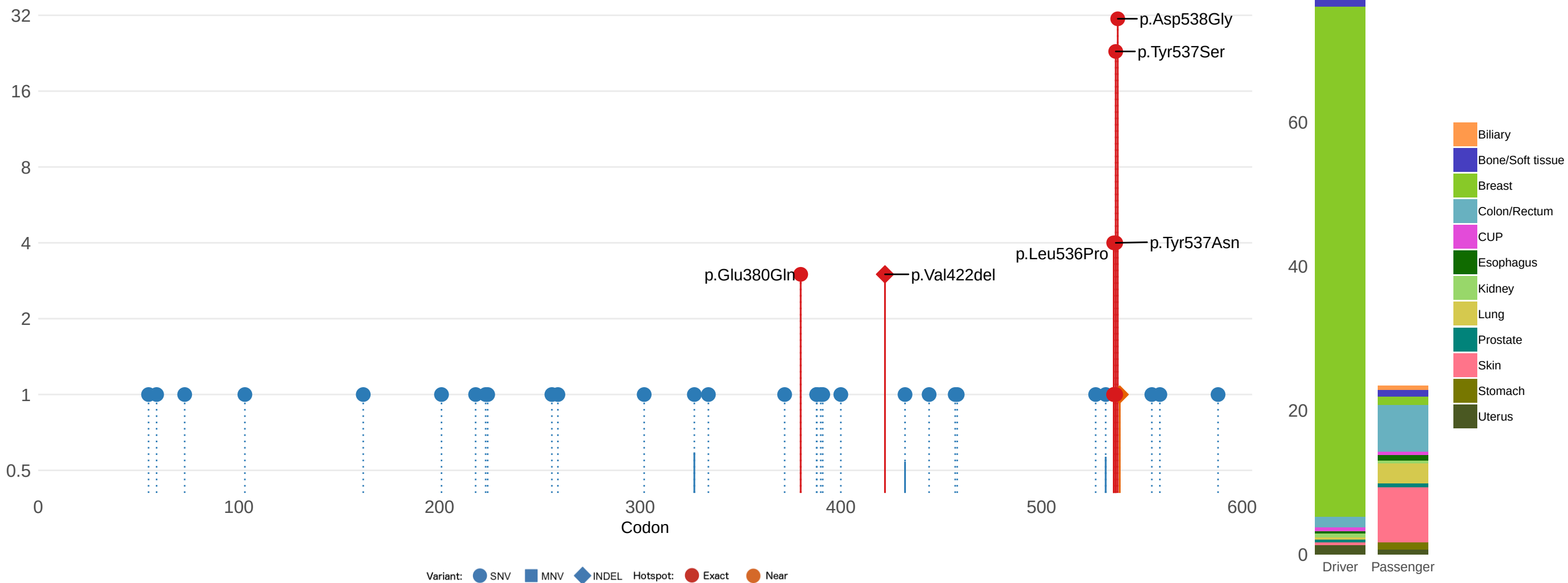
ERCC2 Variants



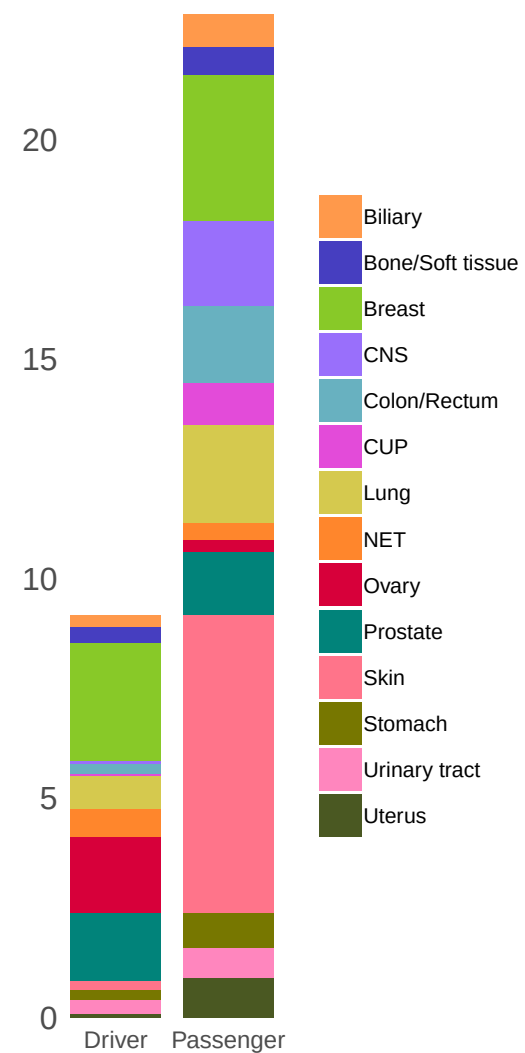
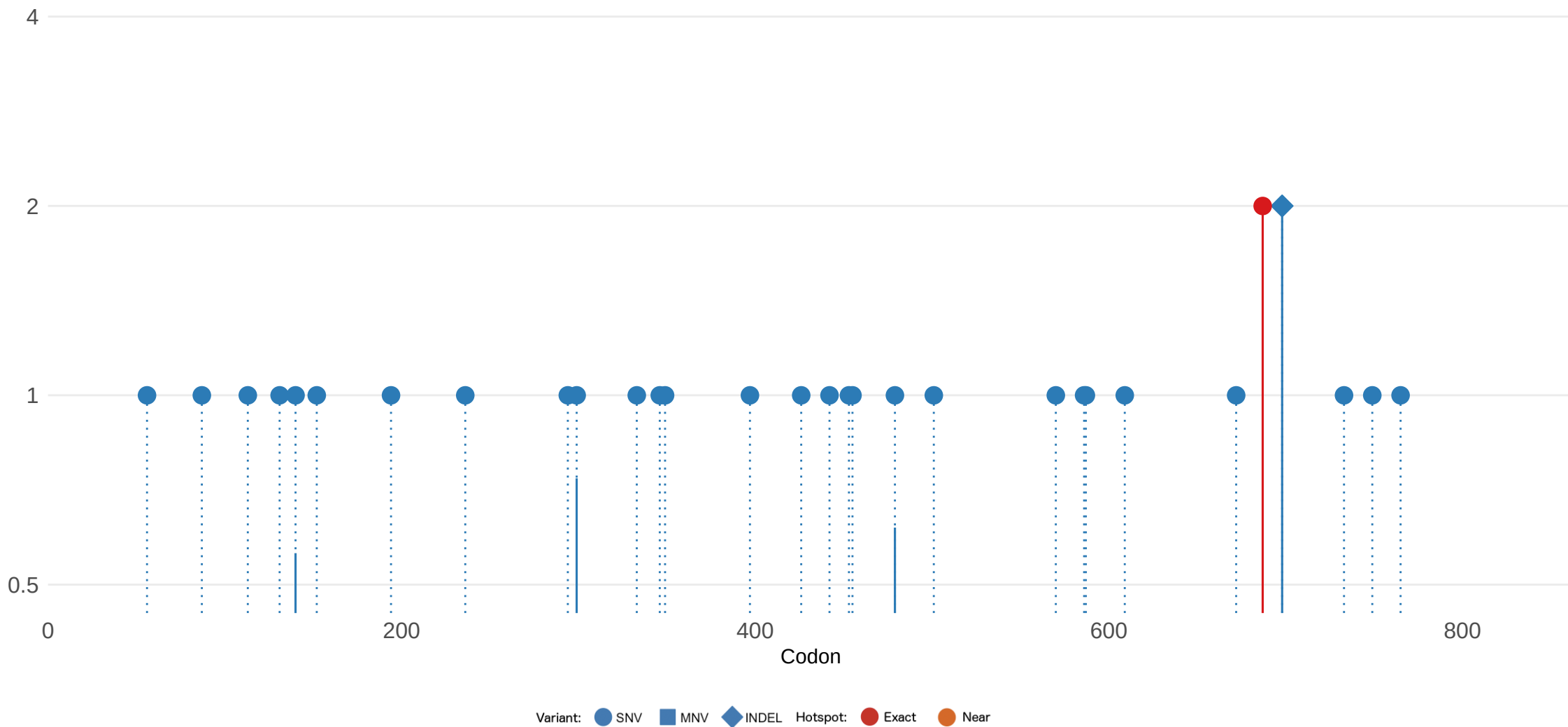
ERG Variants



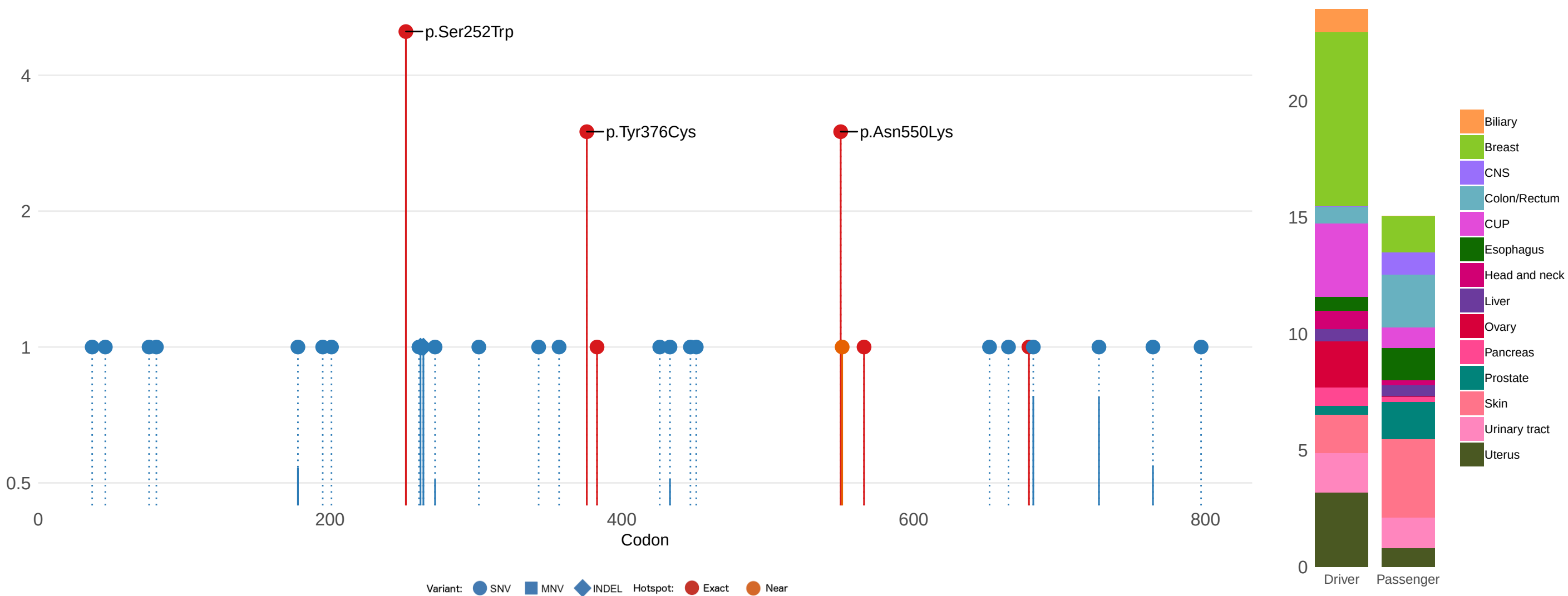
ESR1 Variants



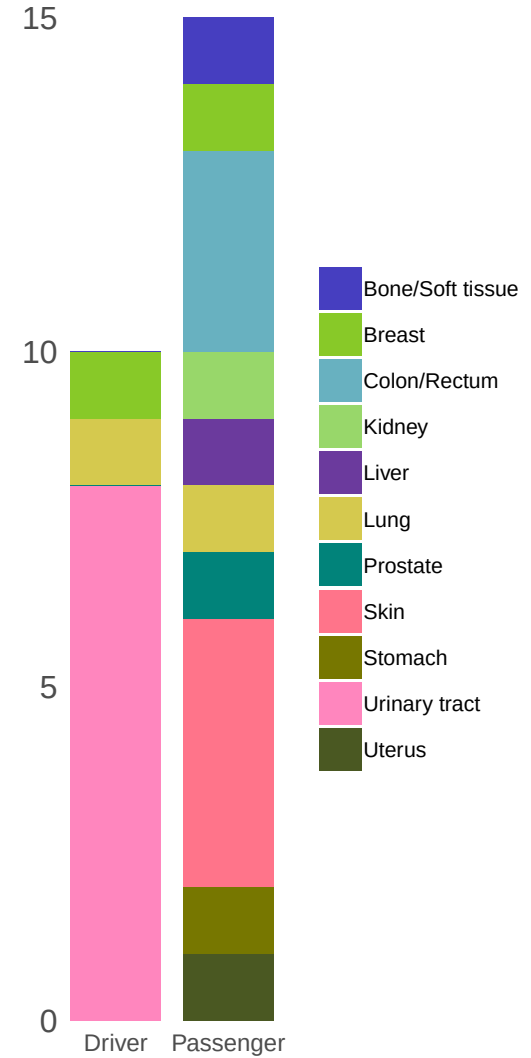
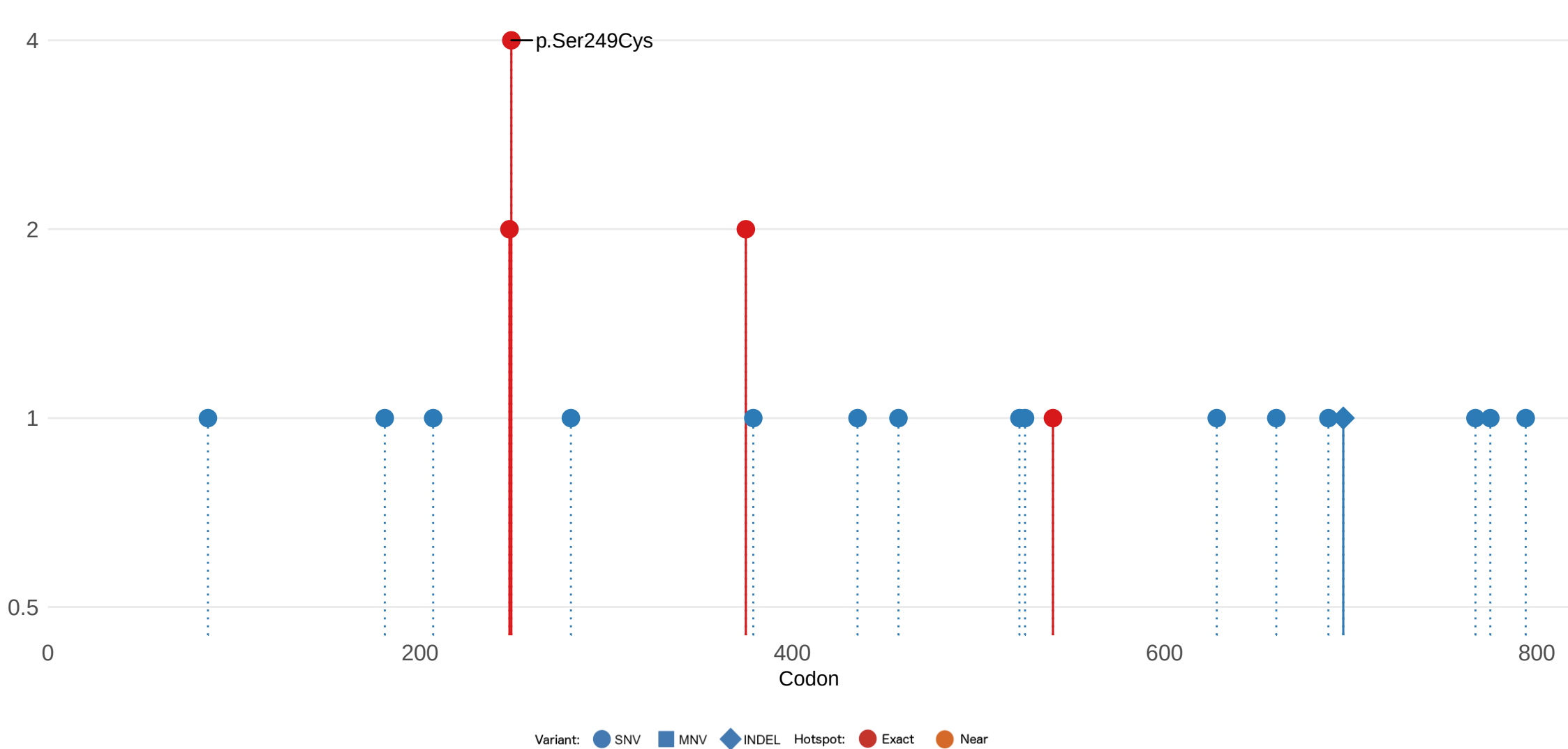
FGFR1 Variants



FGFR2 Variants



FGFR3 Variants



FLT3 Variants

4

2

1

0.5

0

250

Codon

500

750

1000

Variant: ● SNV ■ MNV ◆ INDEL Hotspot: ● Exact ● Near

25

20

15

10

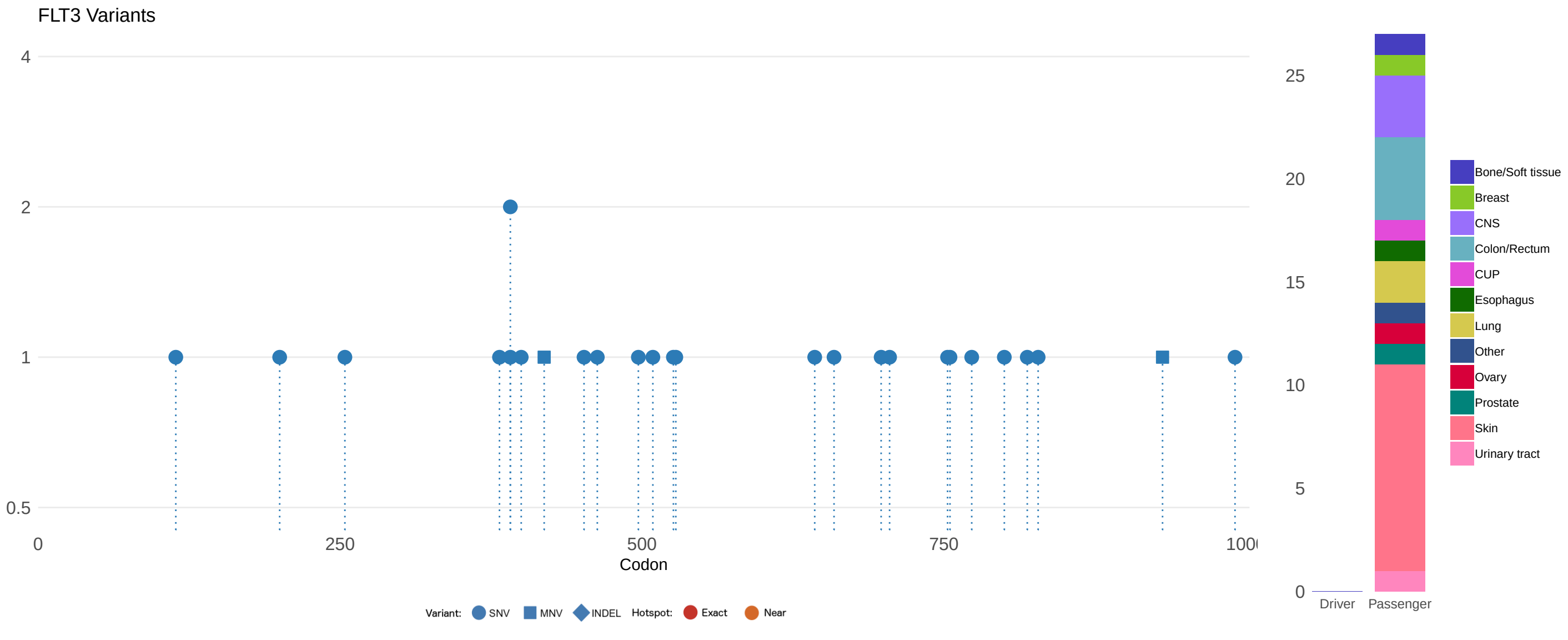
5

0

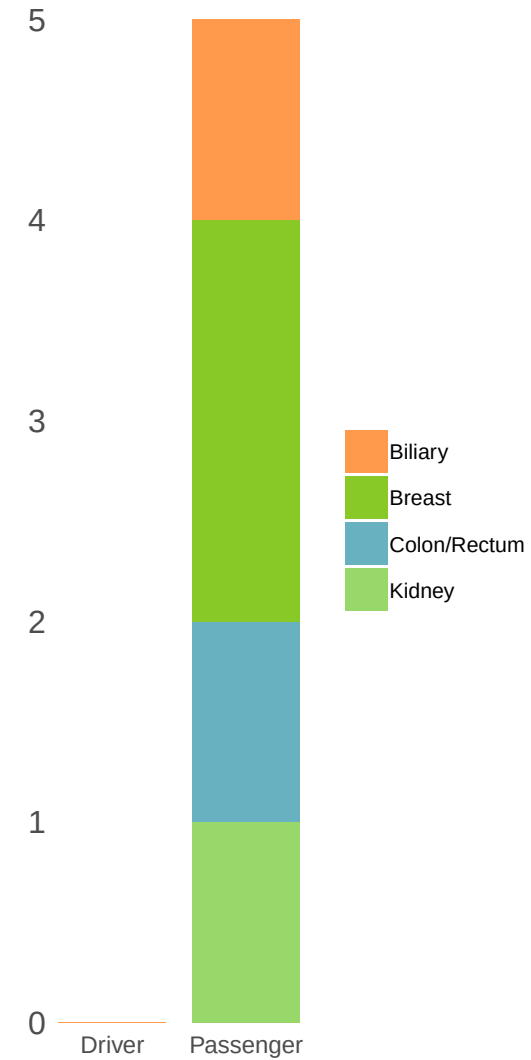
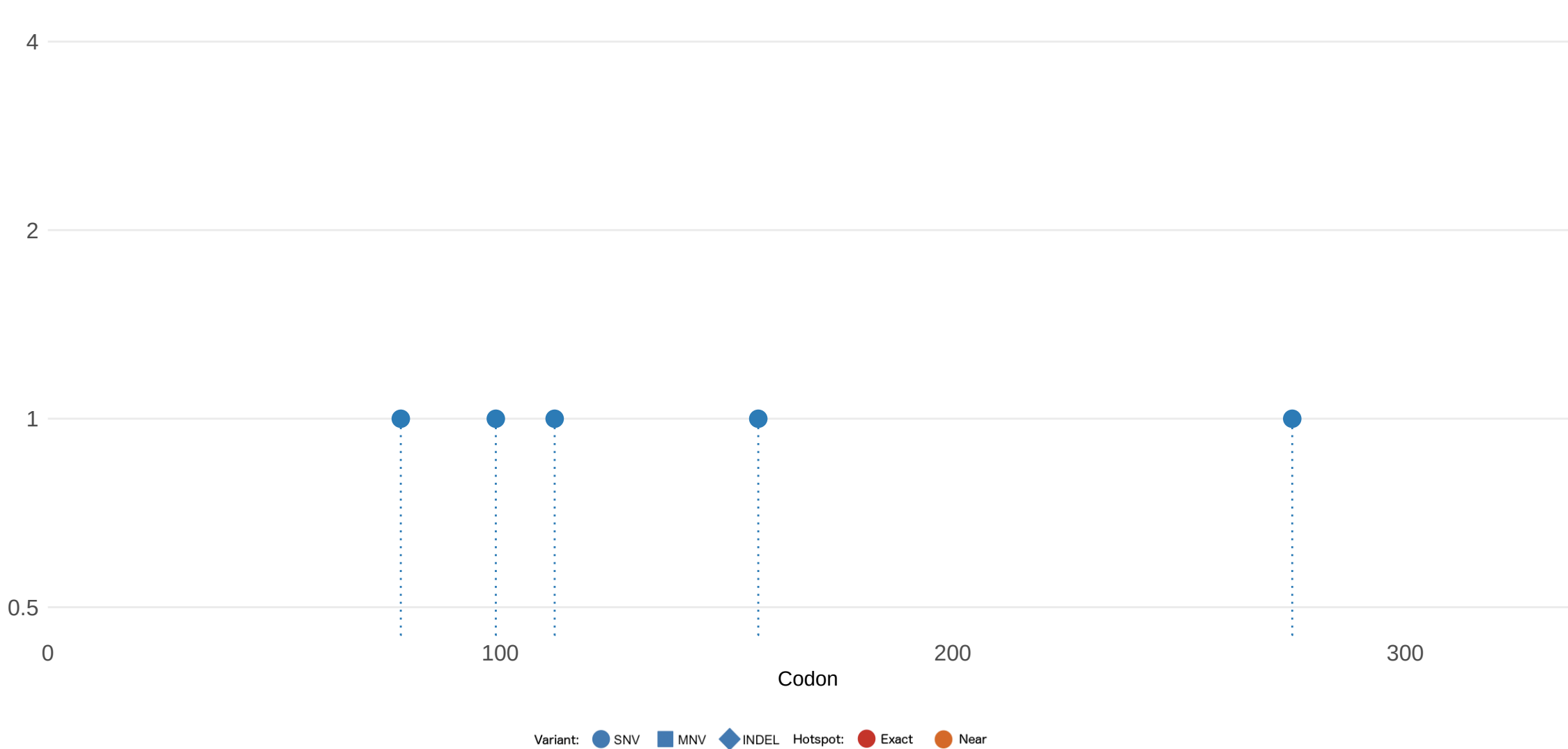
Driver

Passenger

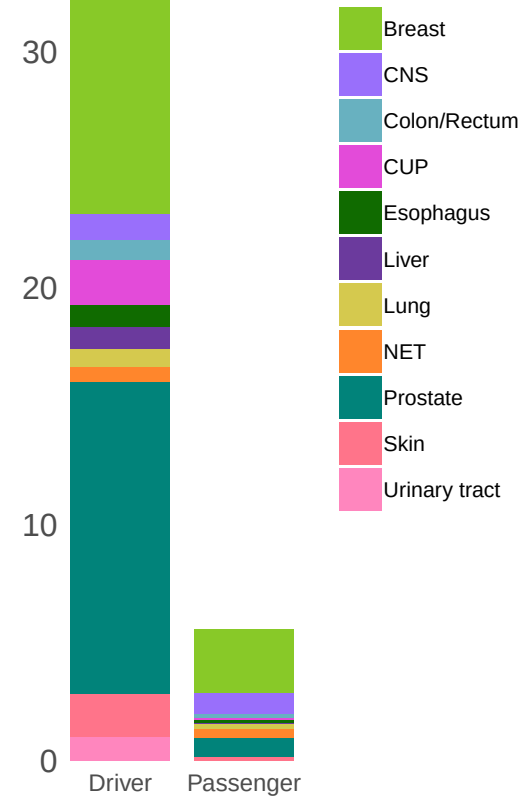
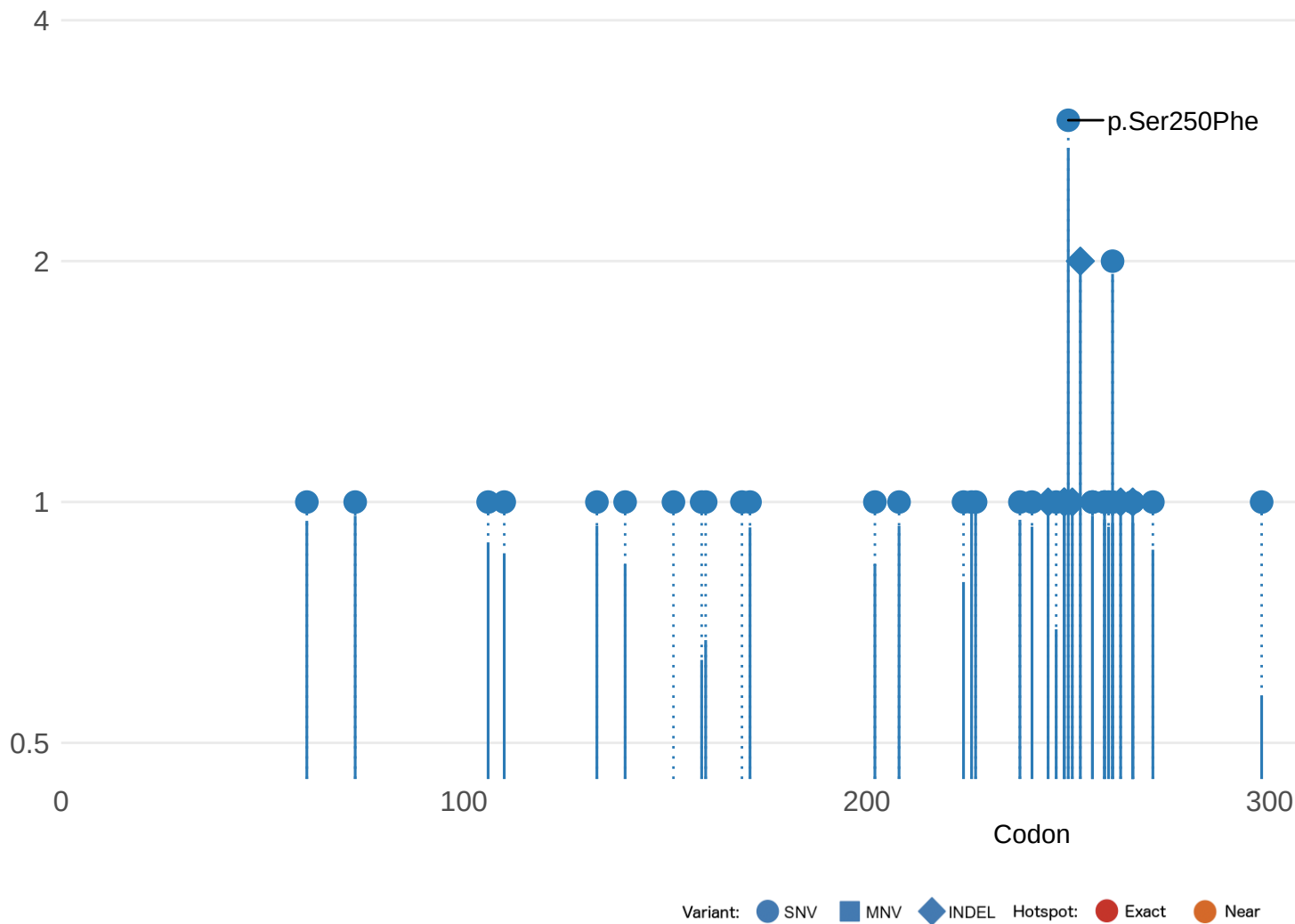
- Bone/Soft tissue
- Breast
- CNS
- Colon/Rectum
- CUP
- Esophagus
- Lung
- Other
- Ovary
- Prostate
- Skin
- Urinary tract



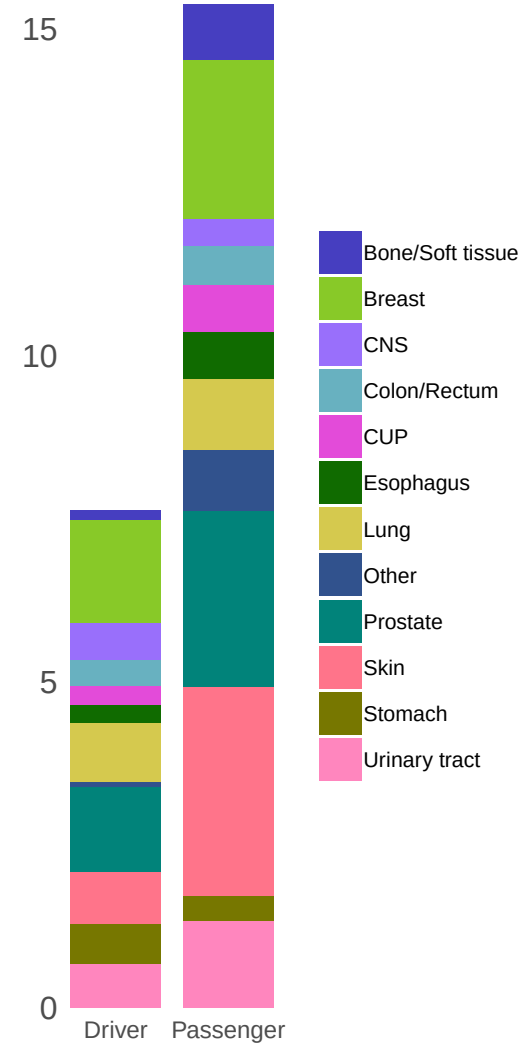
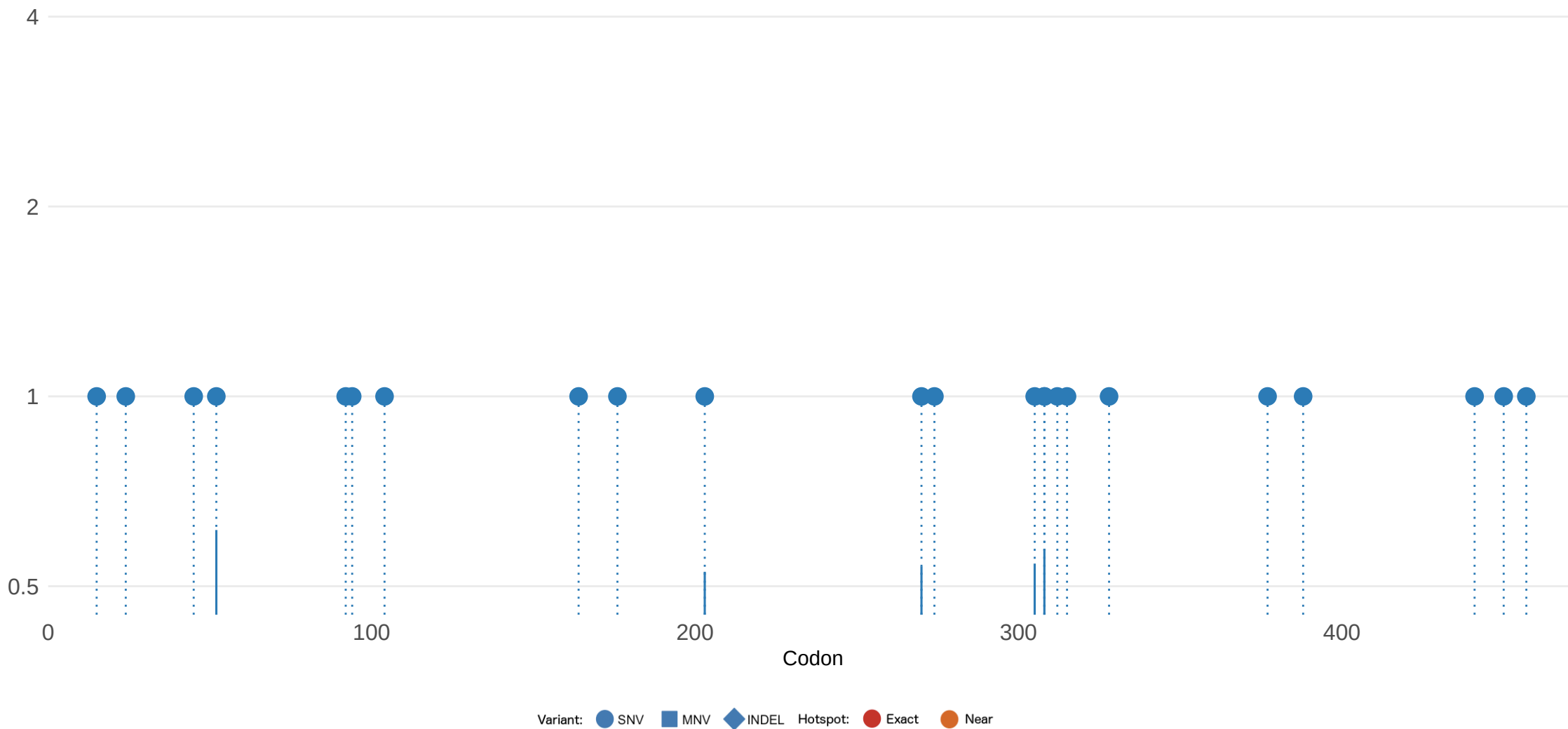
FOSL2 Variants



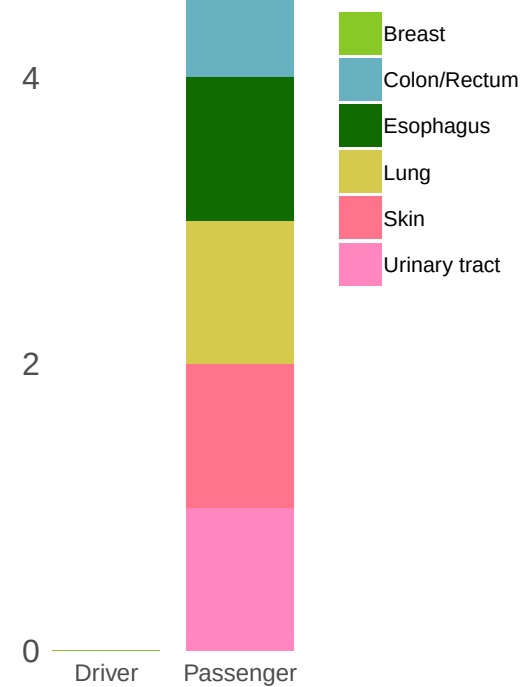
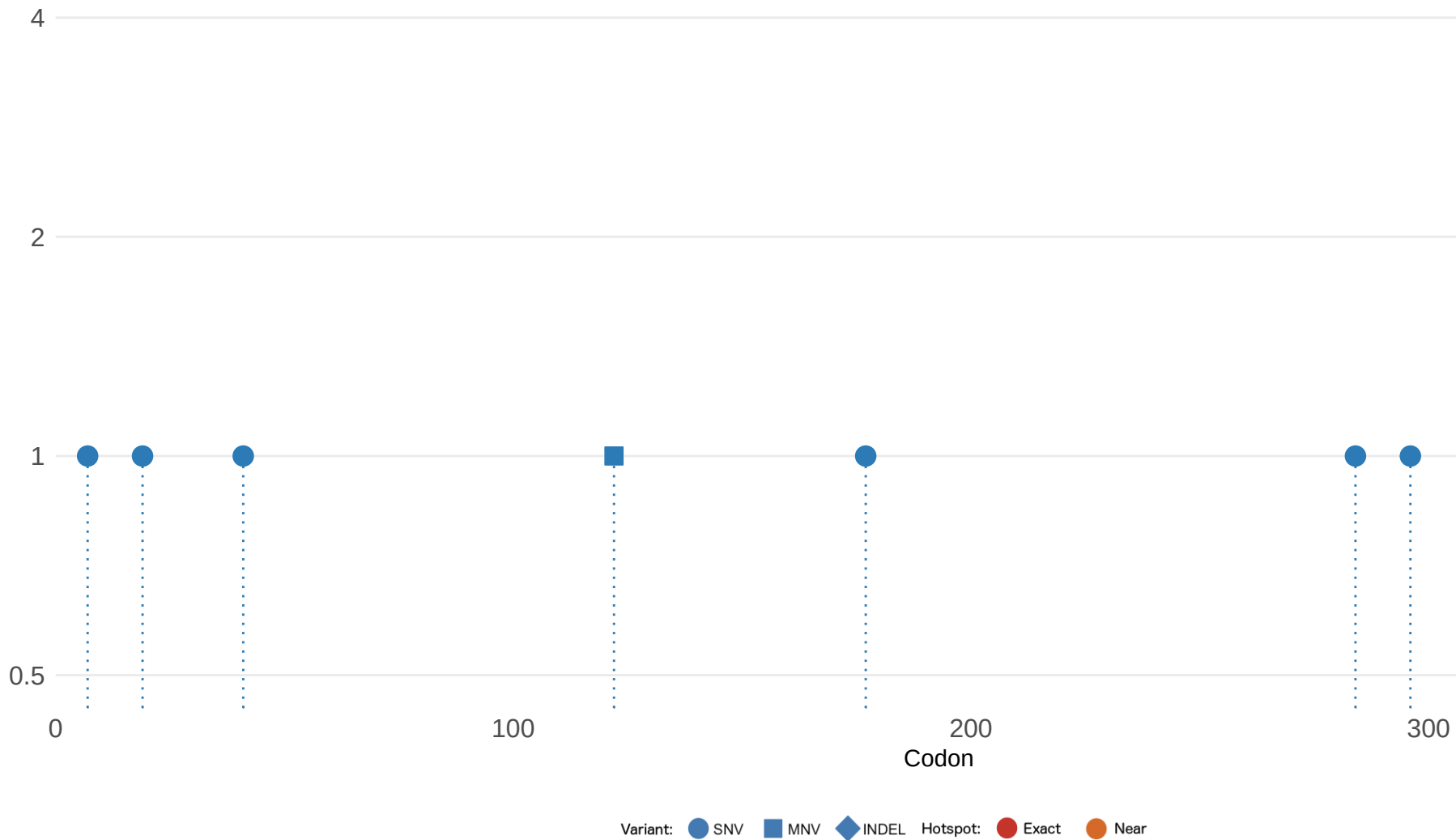
FOXA1 Variants



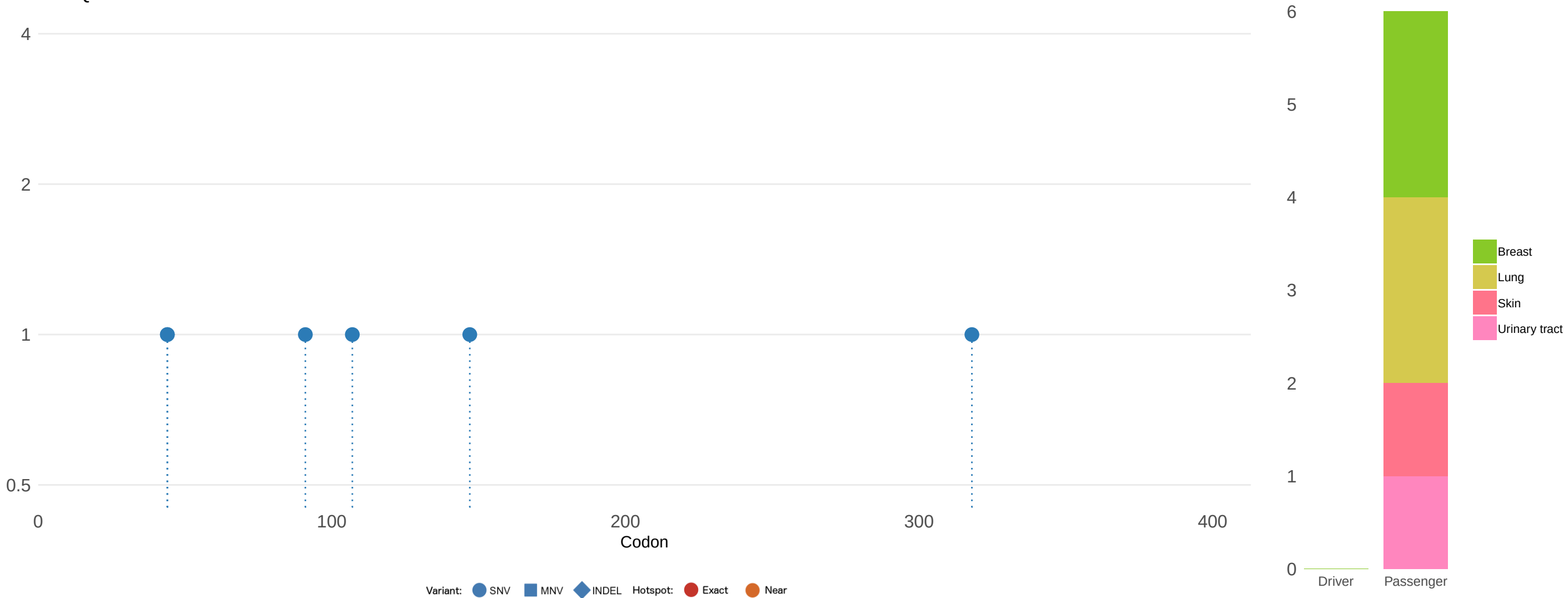
FOXA2 Variants



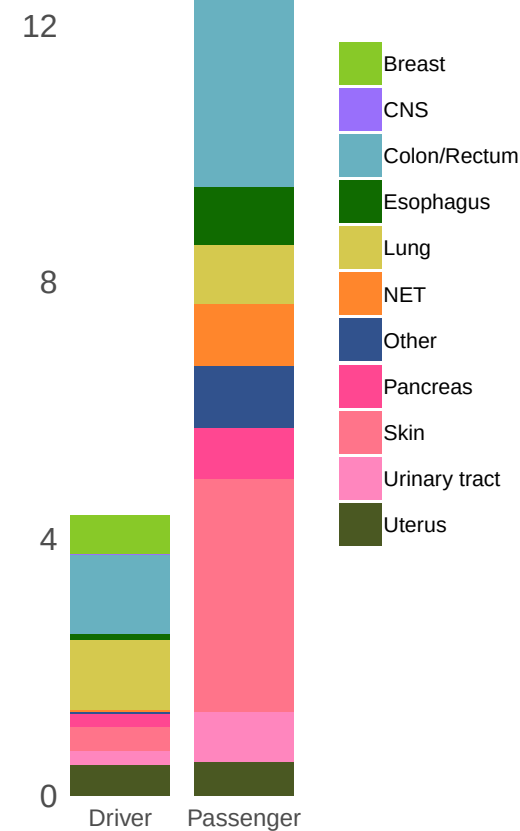
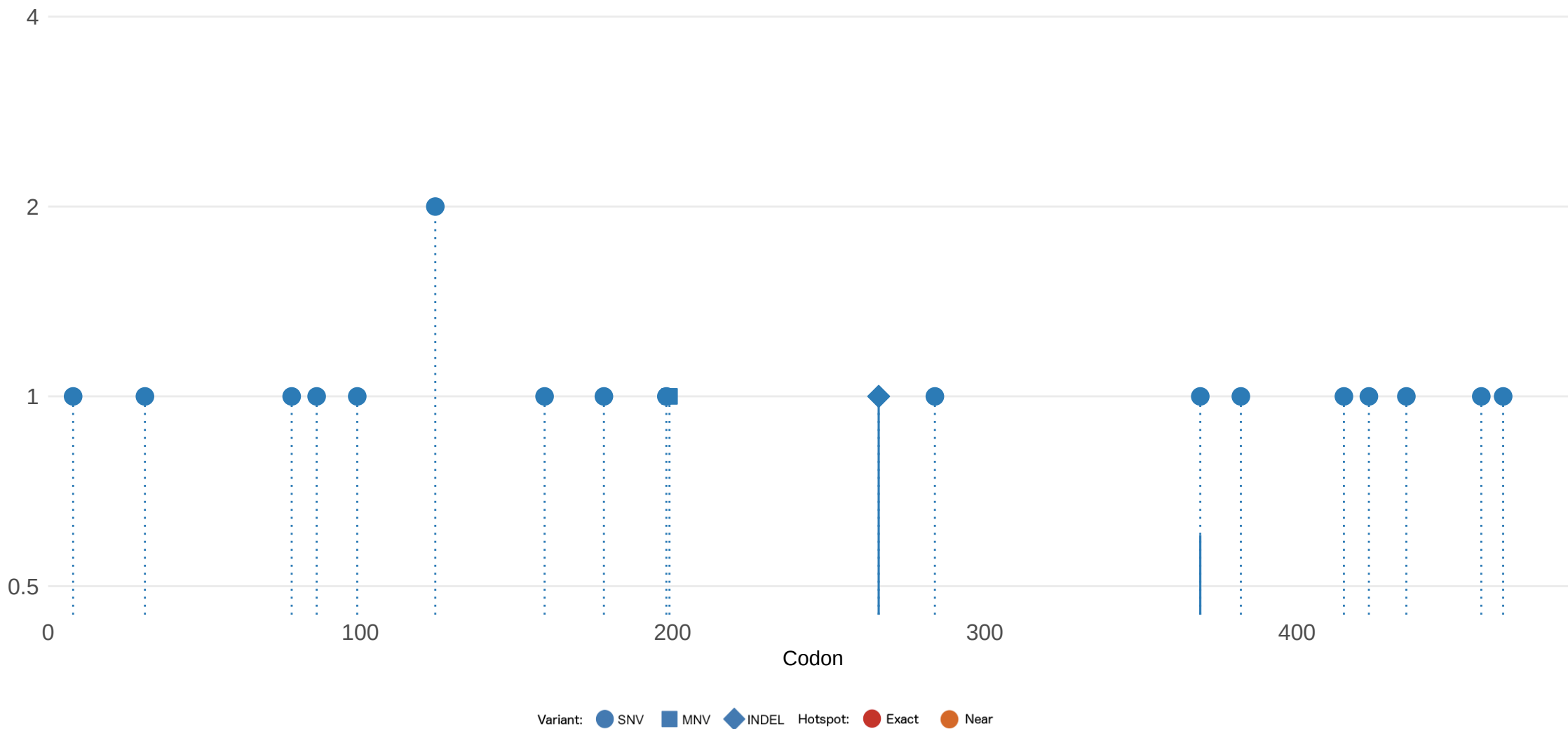
FOXL2 Variants



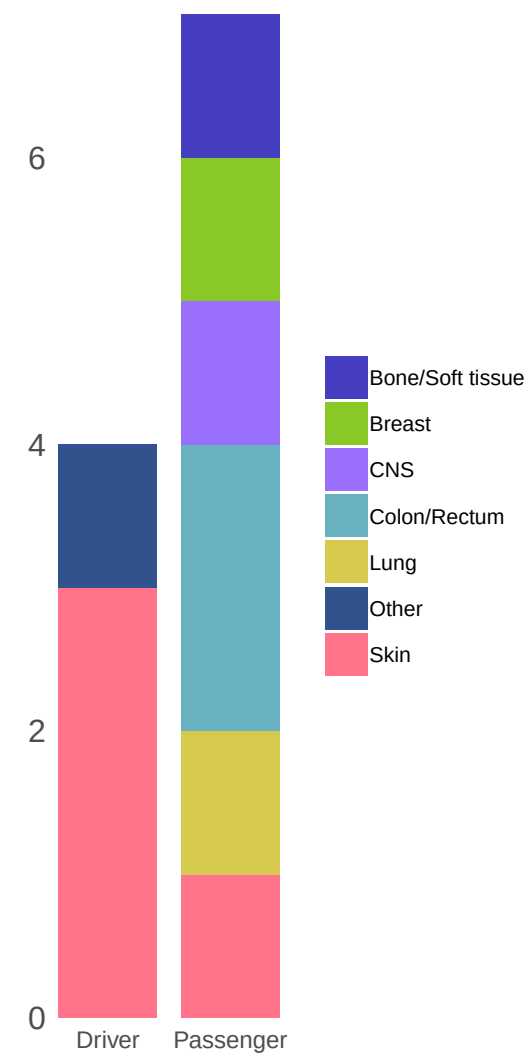
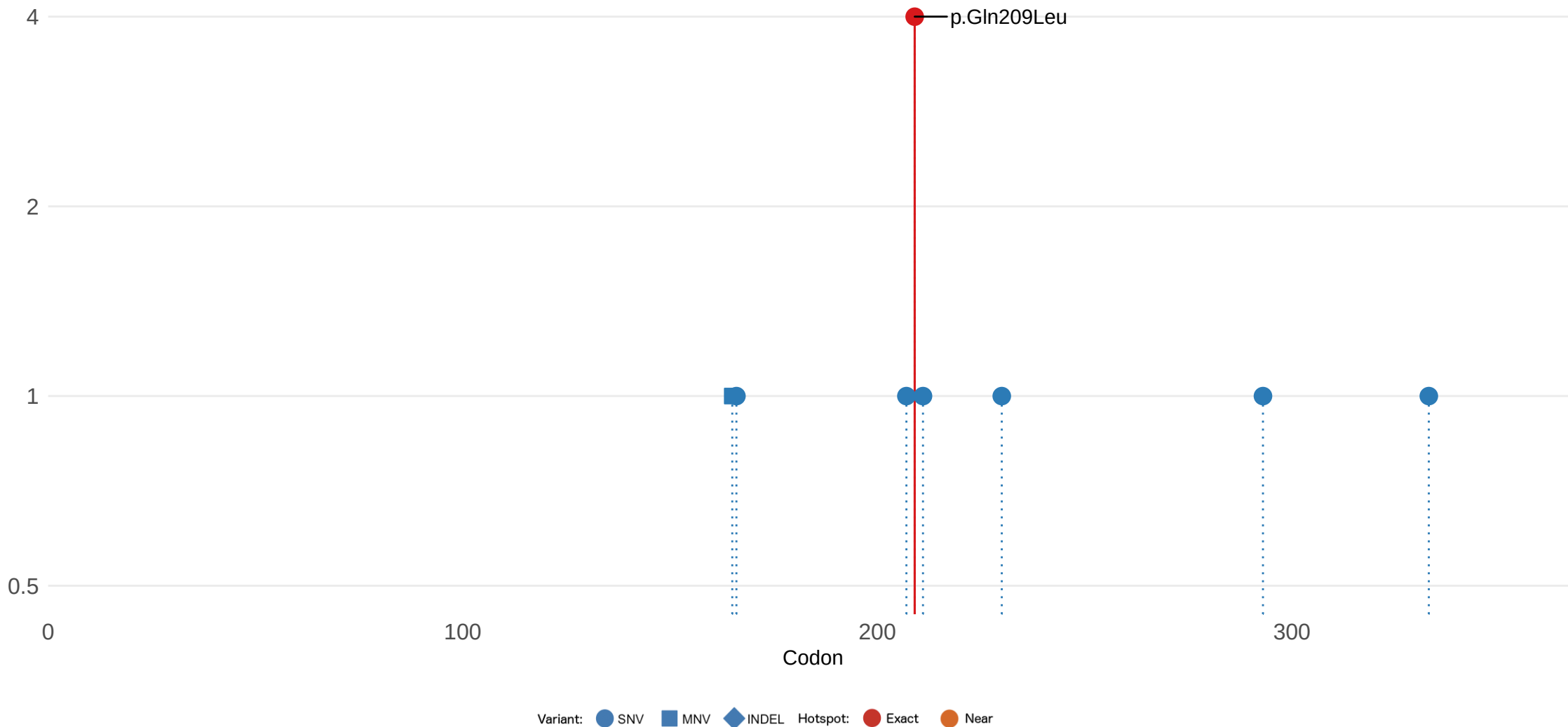
FOXQ1 Variants



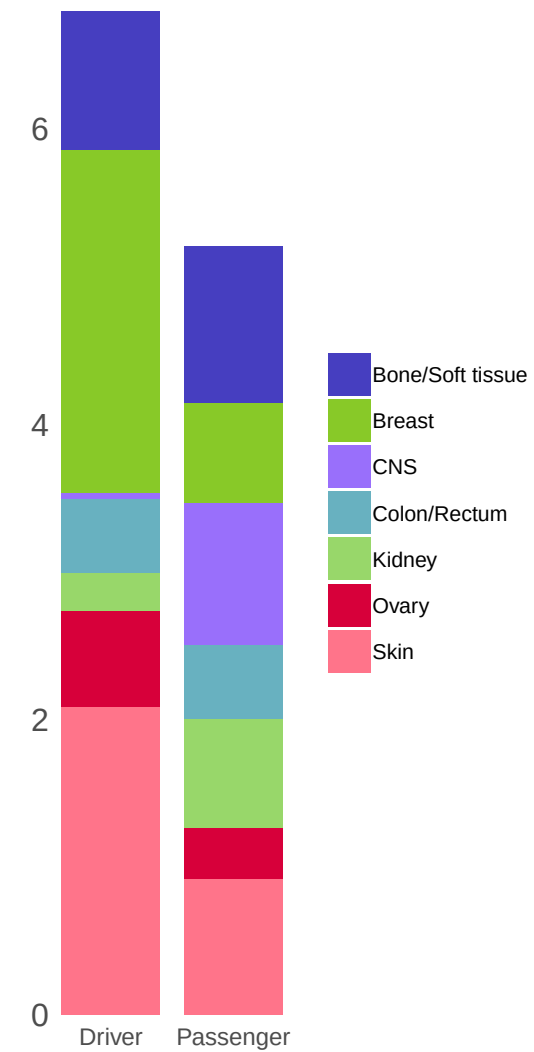
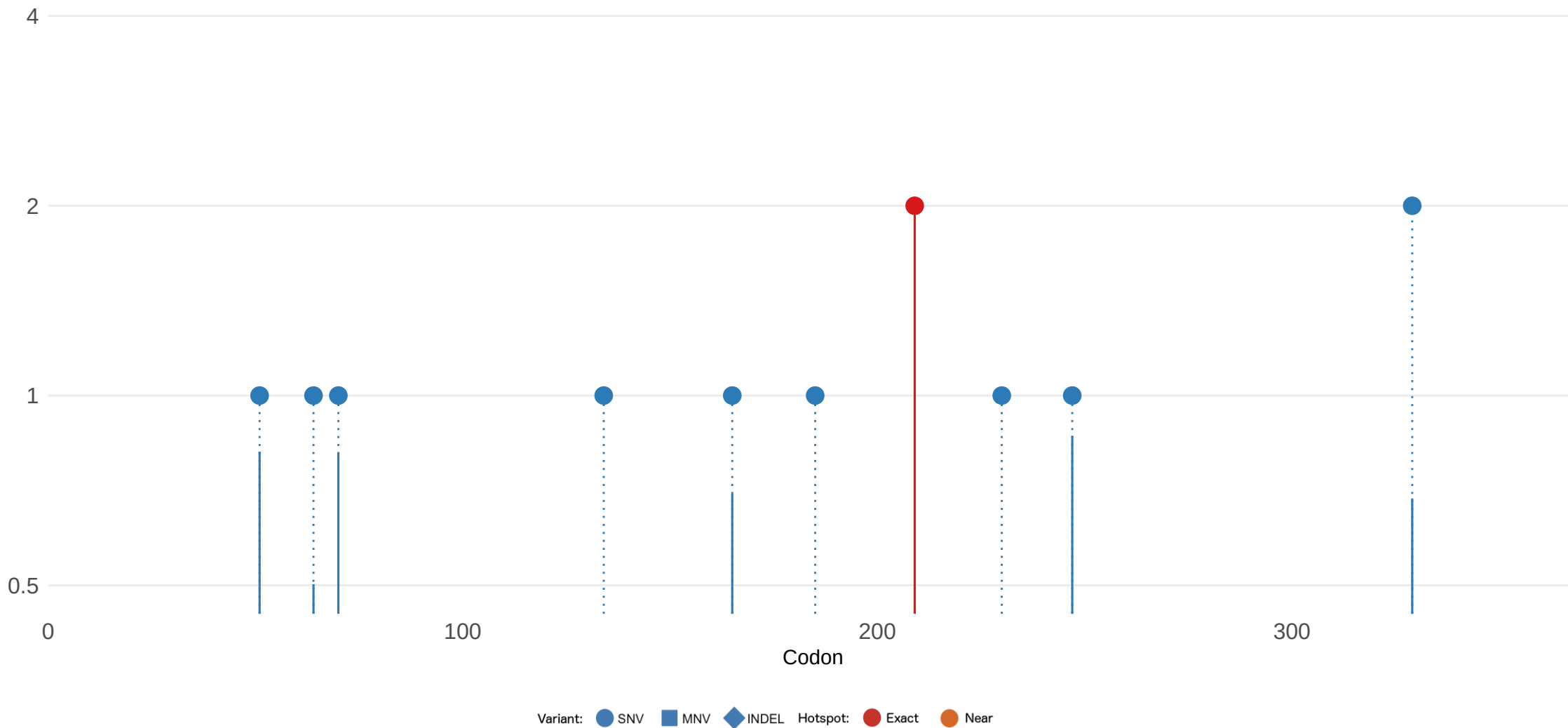
GATA2 Variants



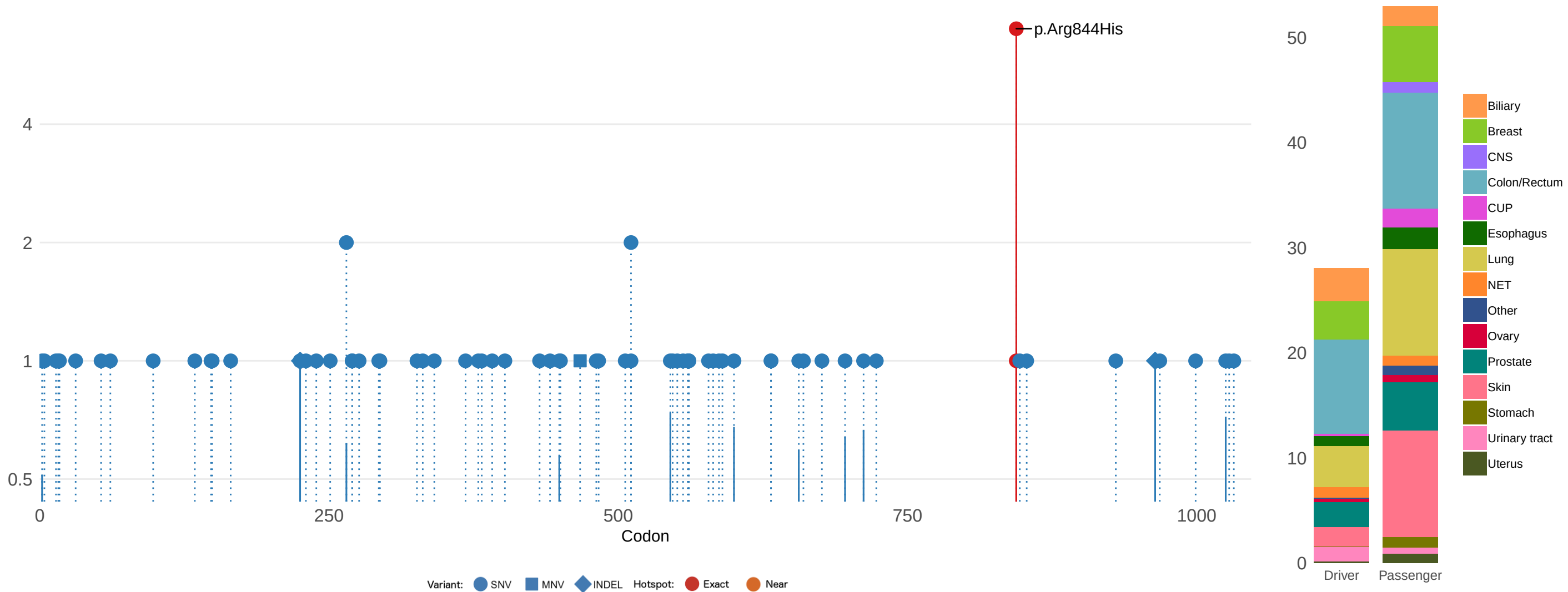
GNA11 Variants



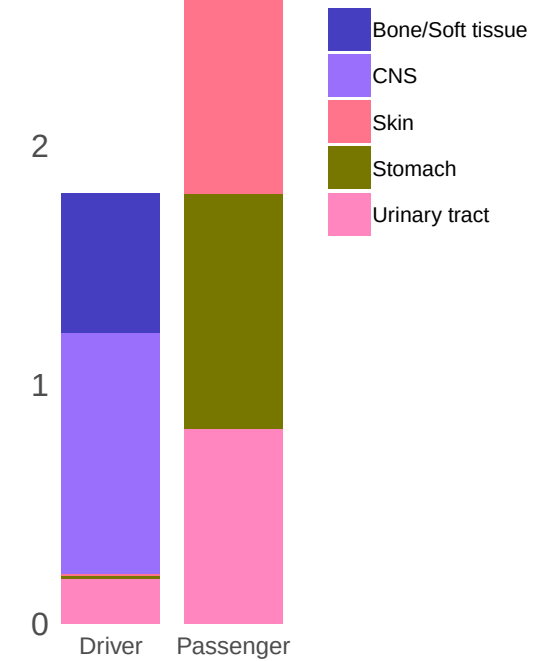
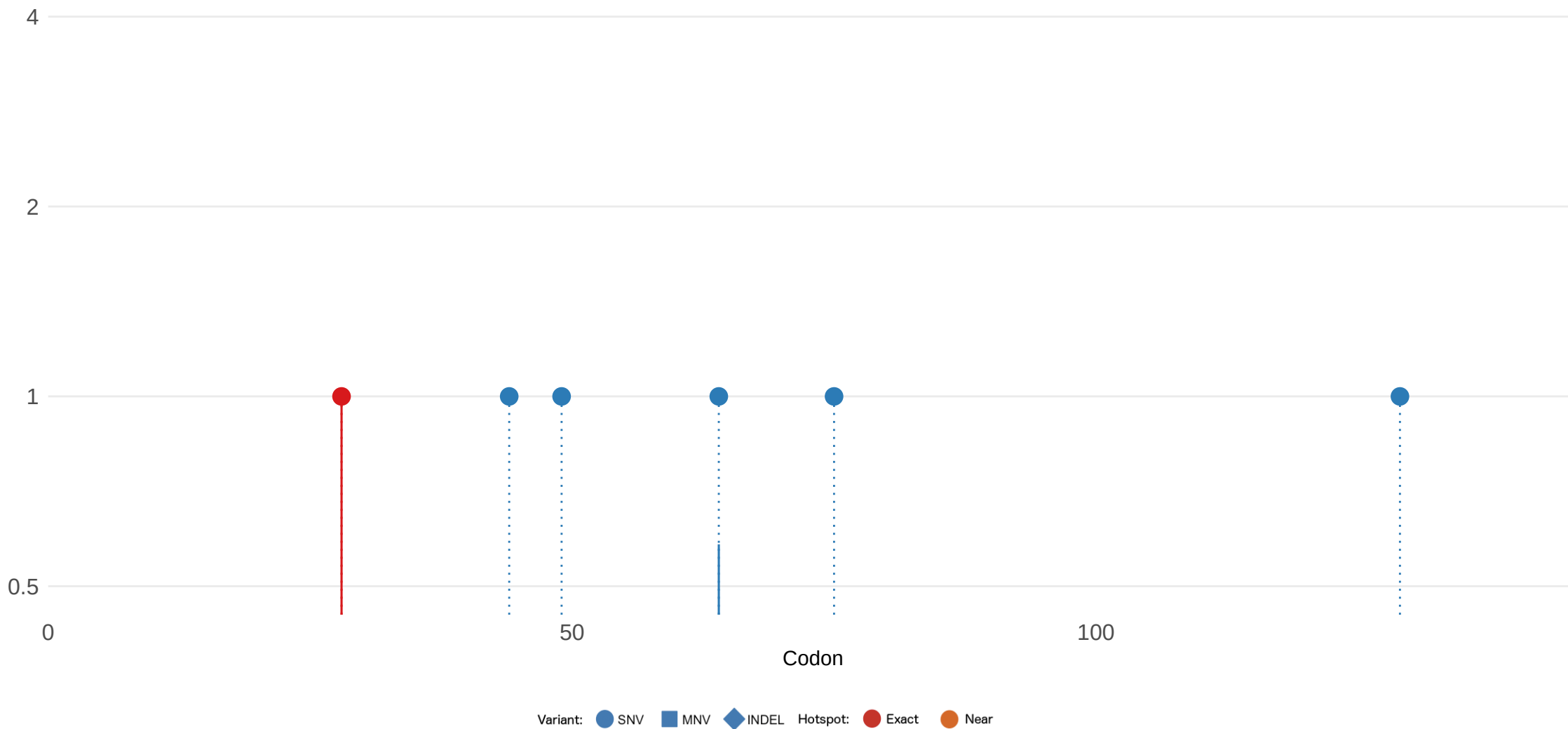
GNAQ Variants



GNAS Variants



H3F3A Variants



H3F3B Variants

4
2
1
0.5
0

50

Codon

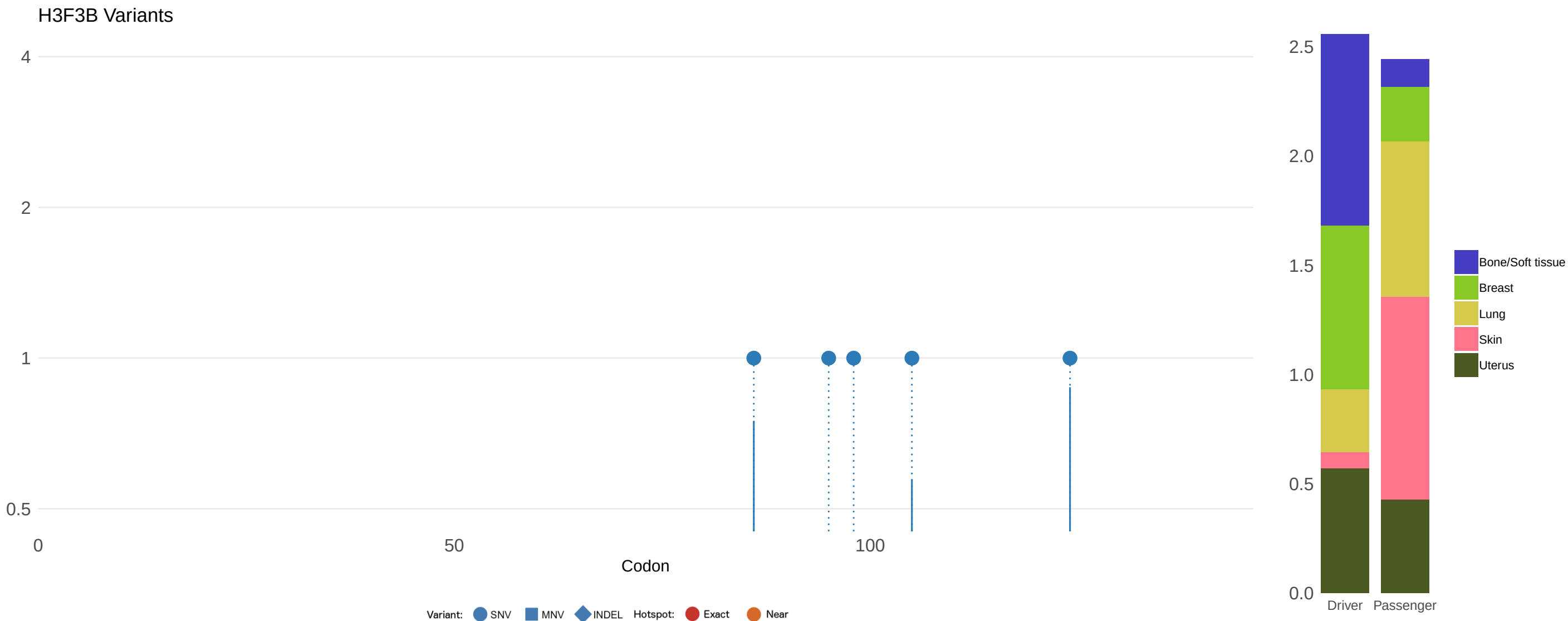
100

Variant: ● SNV ■ MNV ◆ INDEL Hotspot: ● Exact ● Near

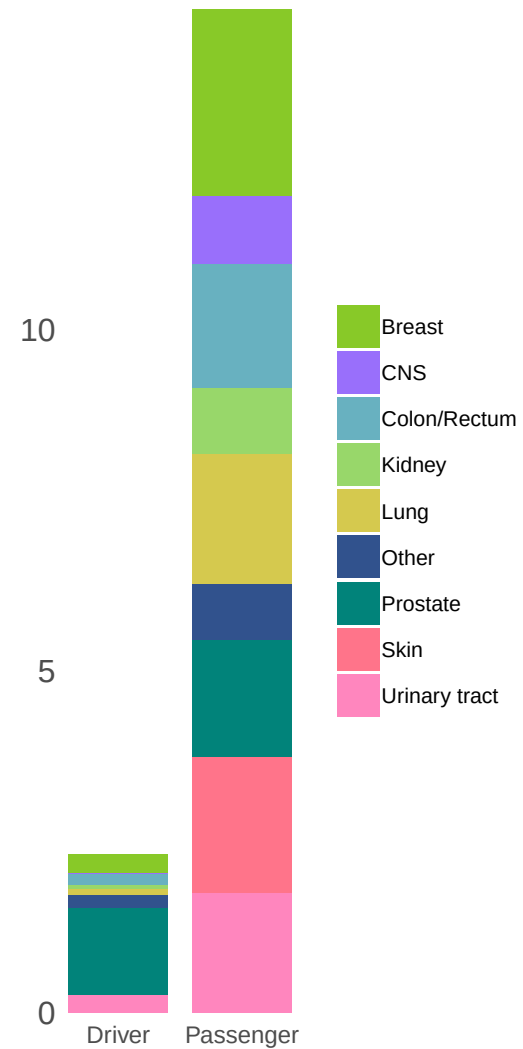
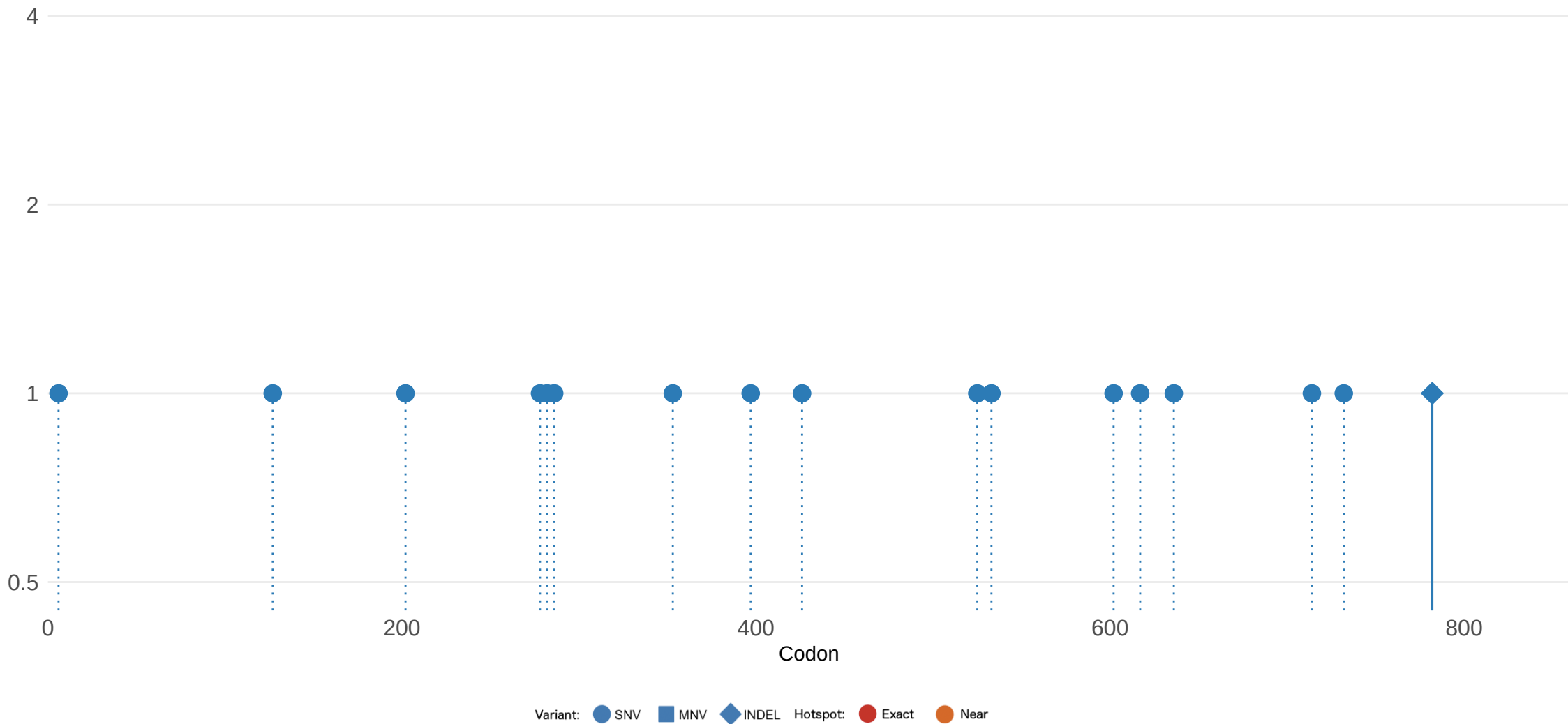
2.5
2.0
1.5
1.0
0.5
0.0

Driver Passenger

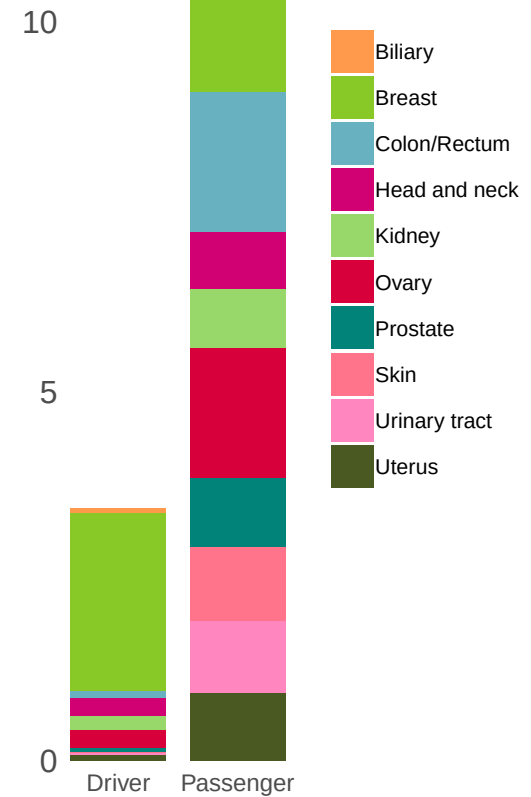
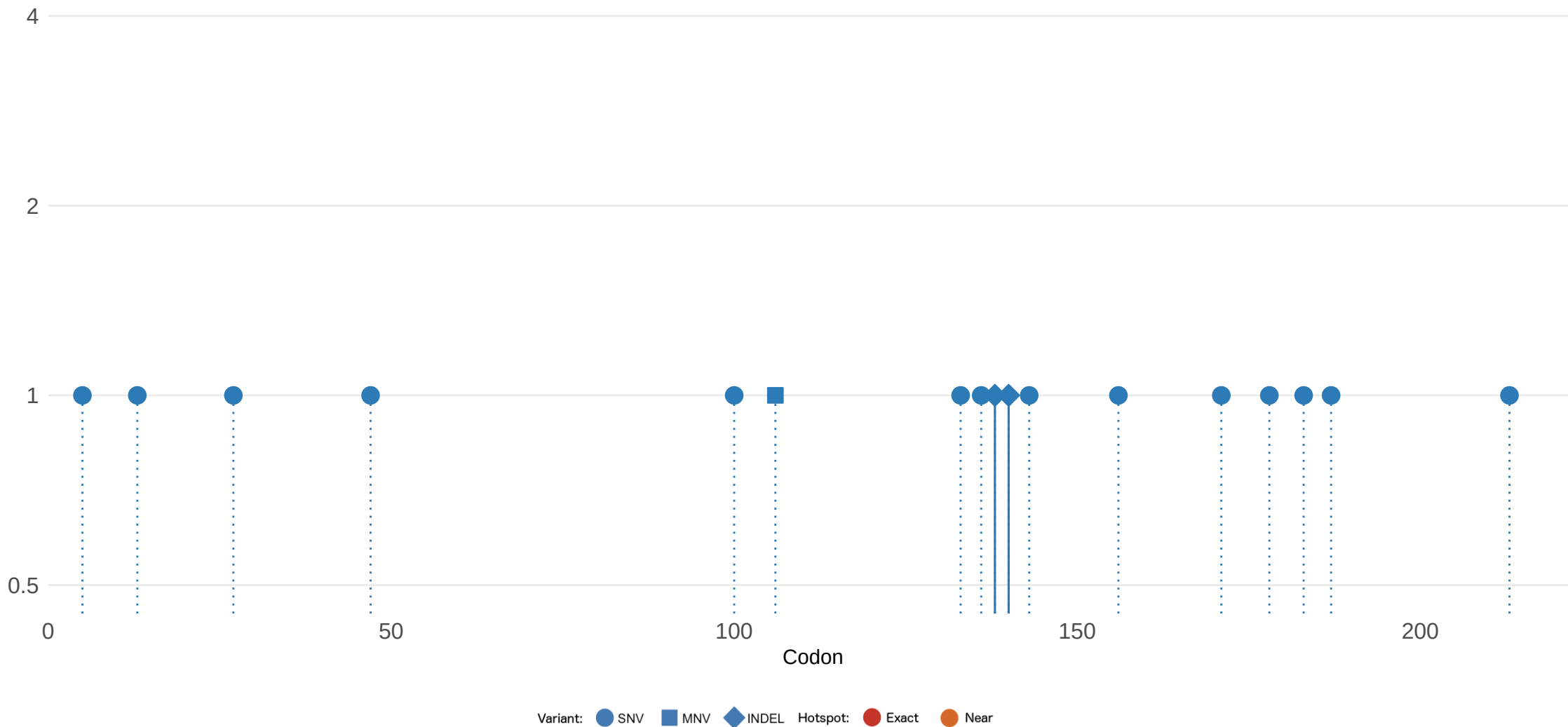
■ Bone/Soft tissue
■ Breast
■ Lung
■ Skin
■ Uterus



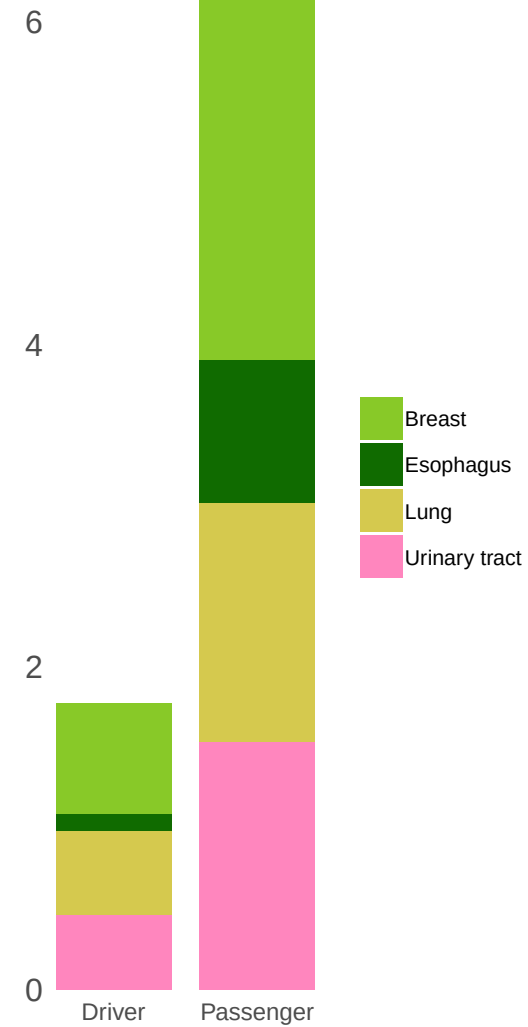
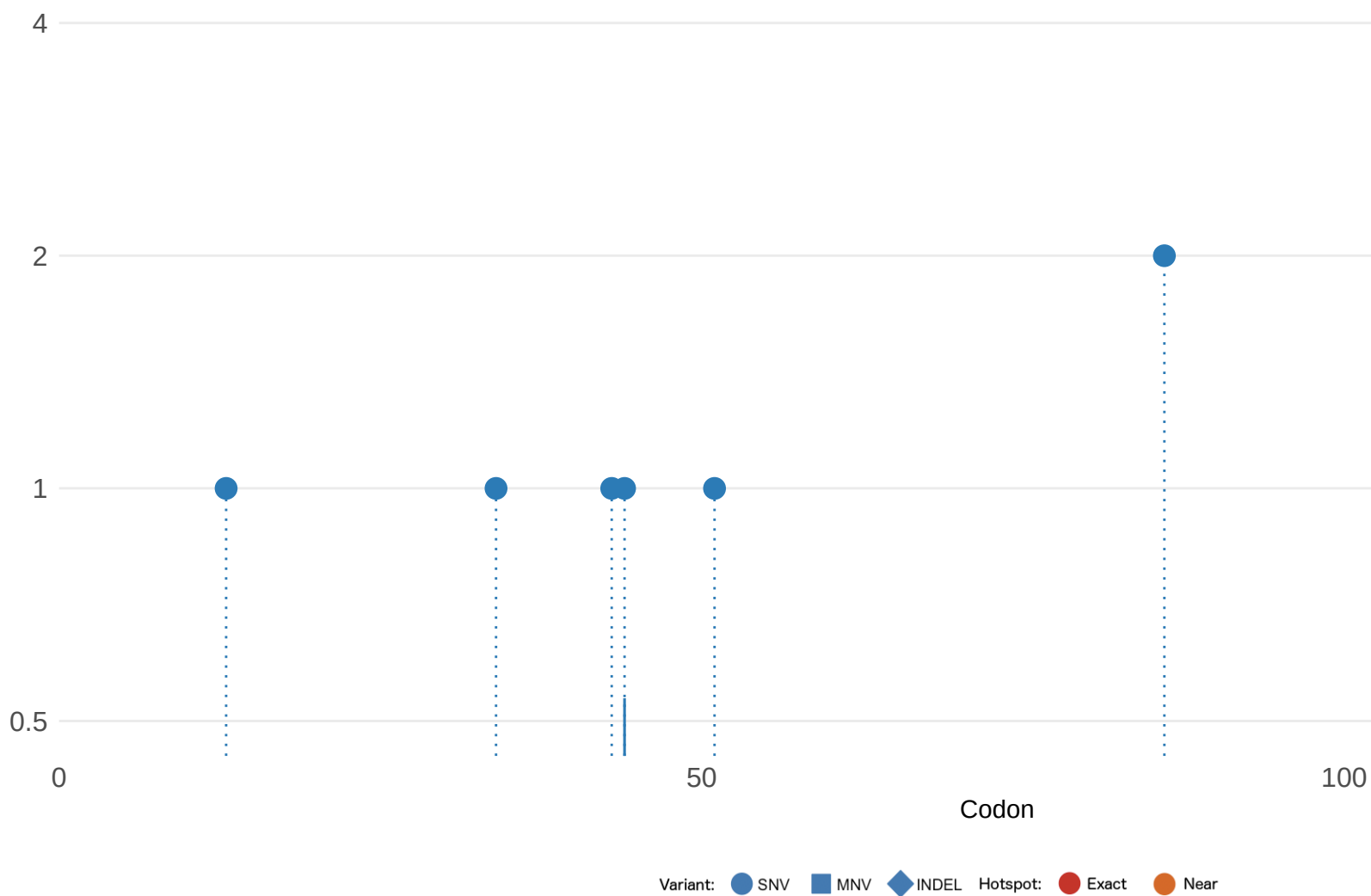
HIF1A Variants



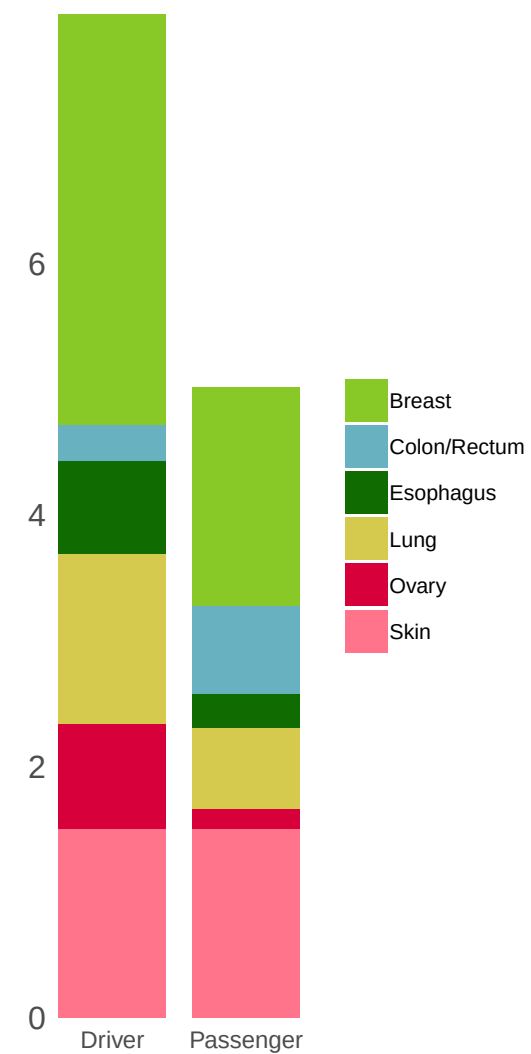
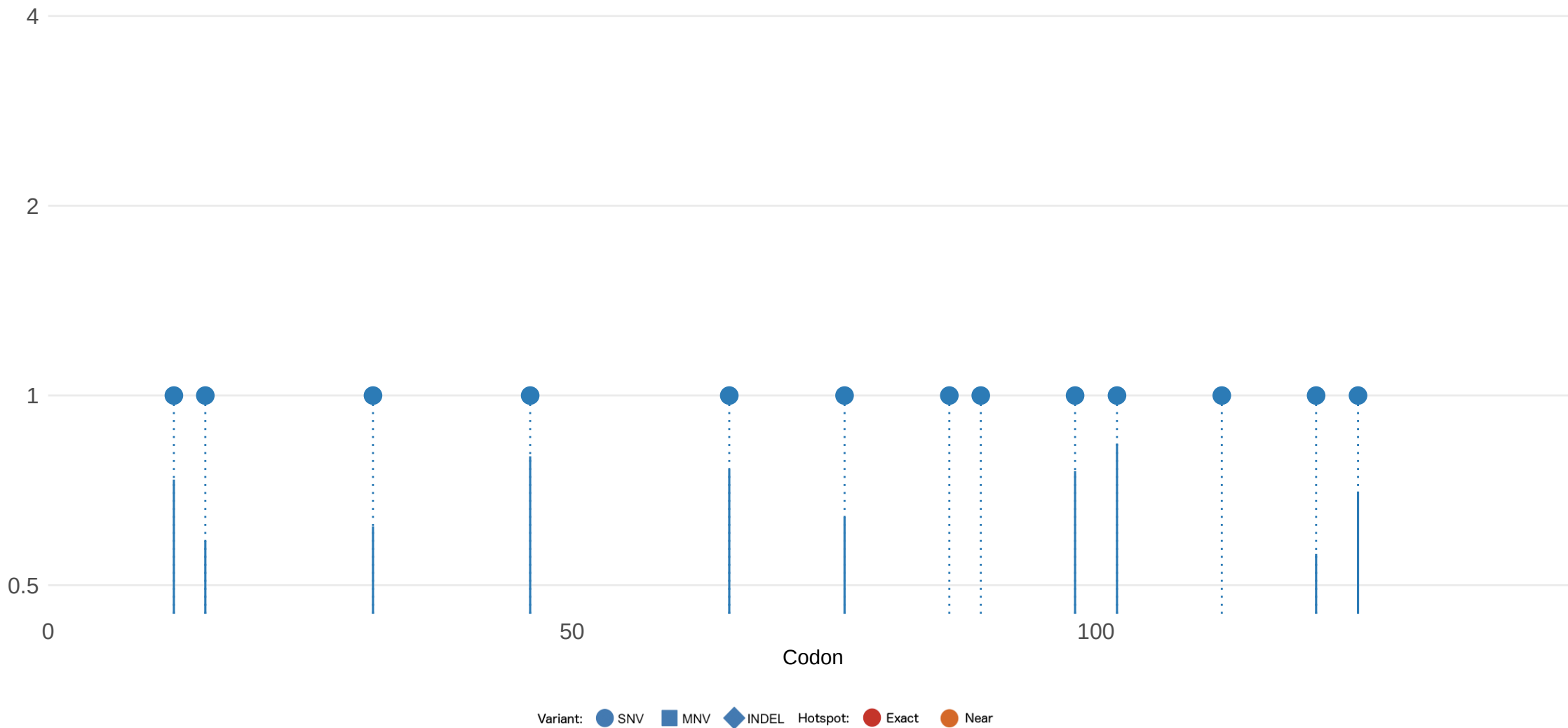
HIST1H1C Variants



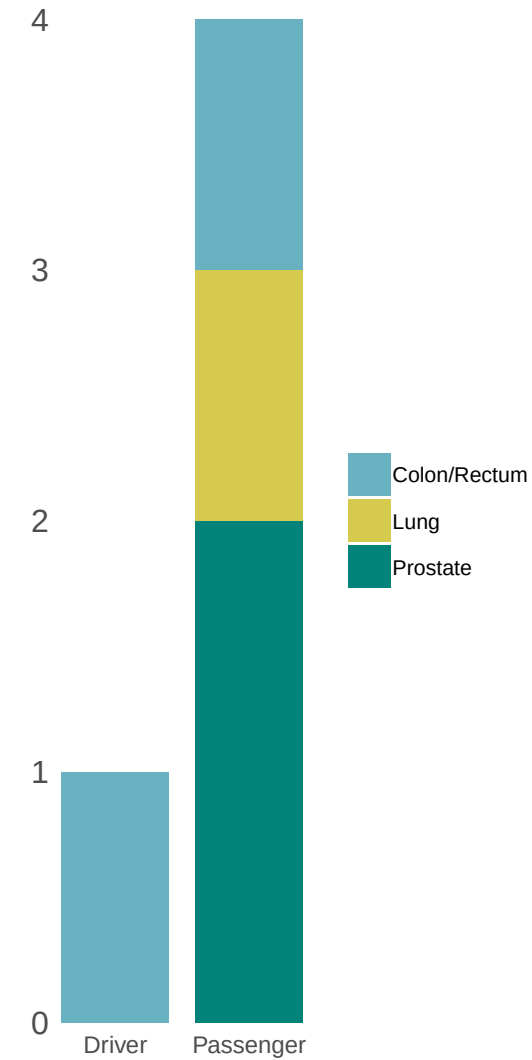
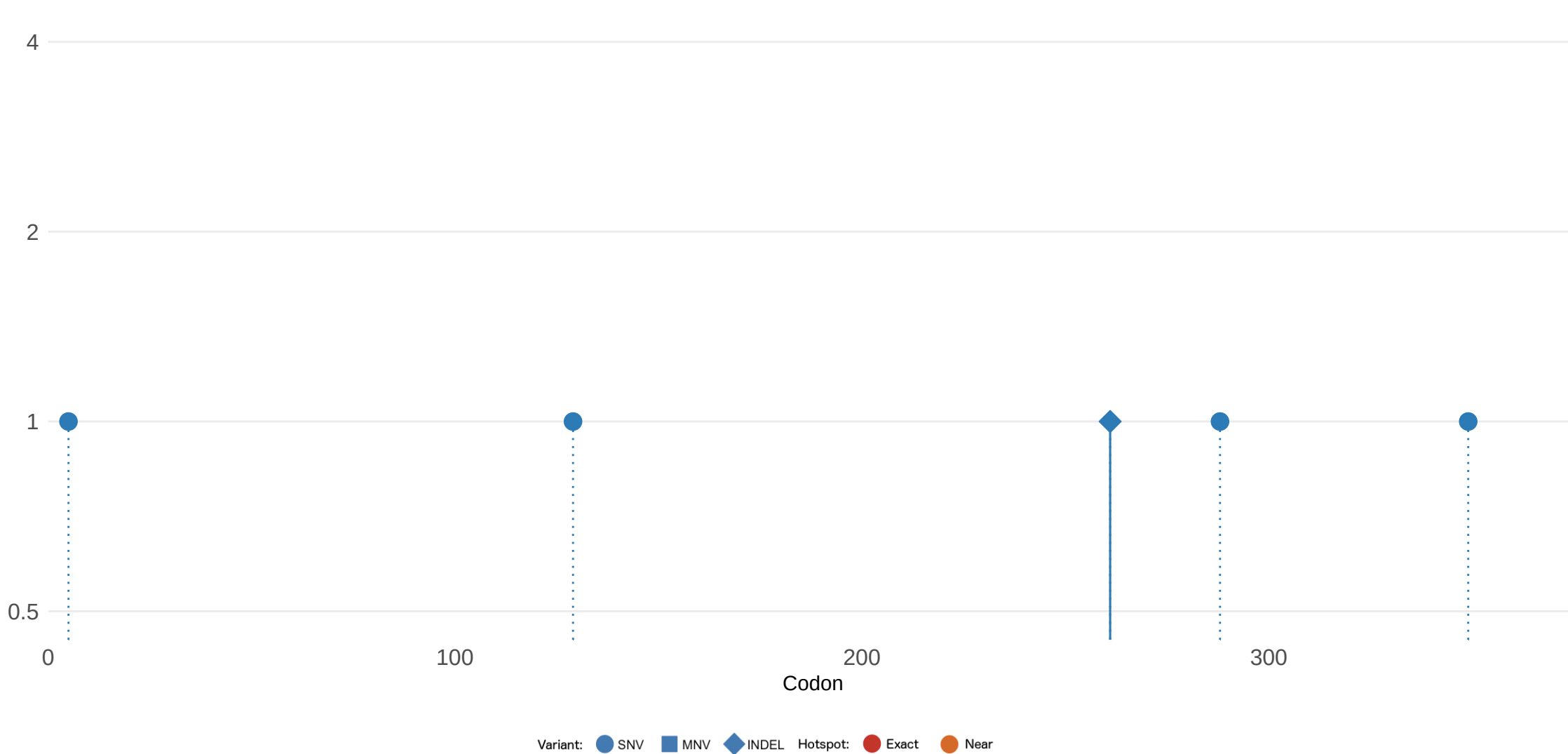
HIST1H3B Variants



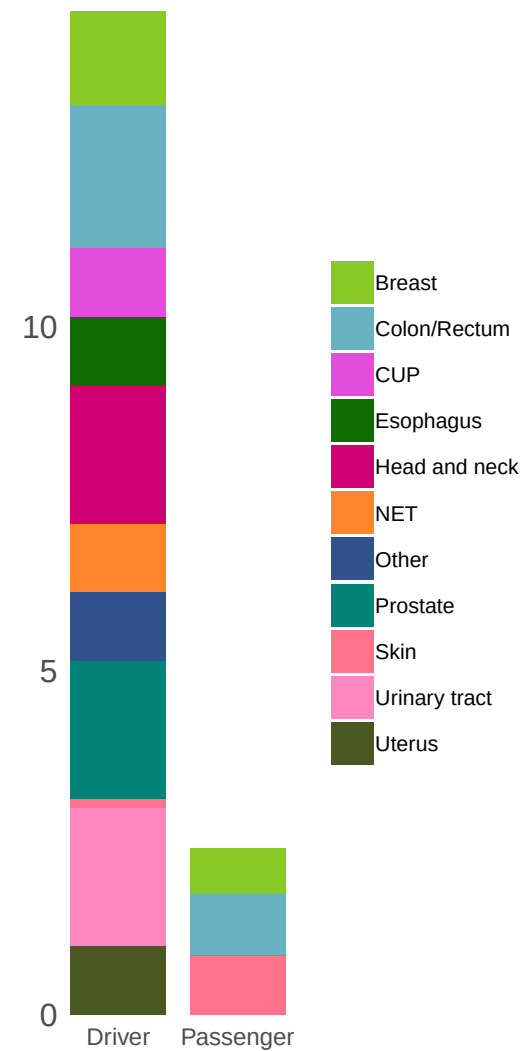
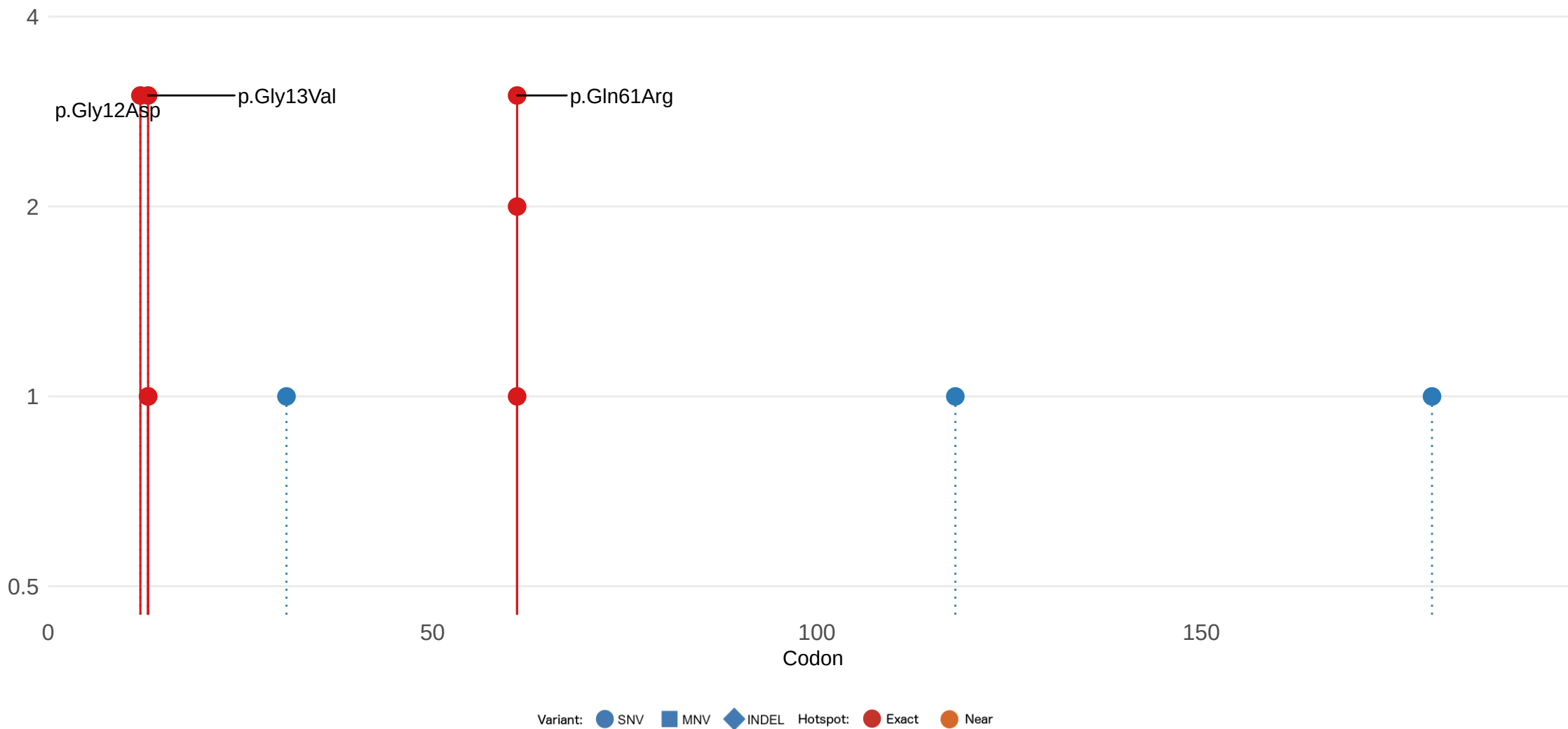
HIST2H3D Variants



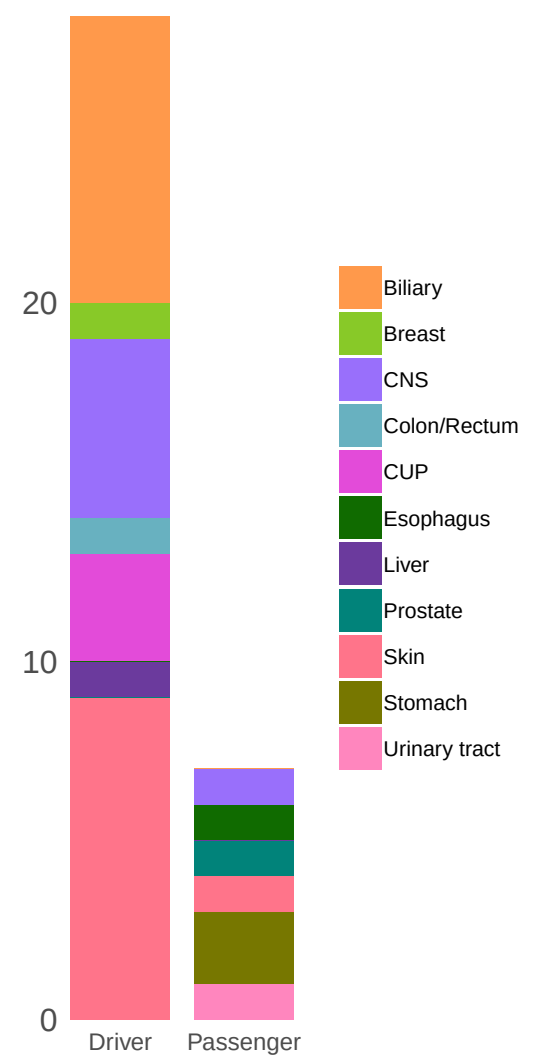
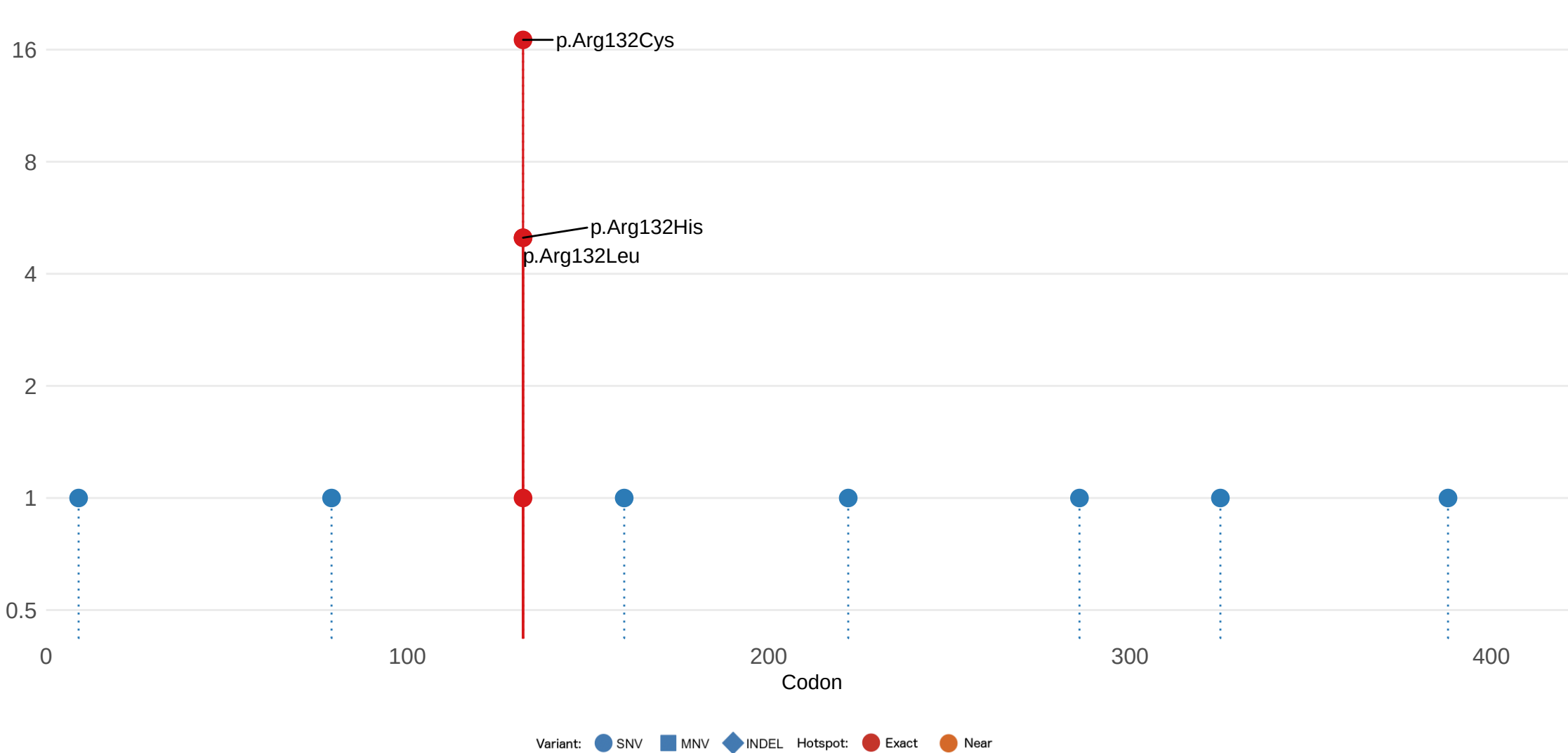
HLA-C Variants



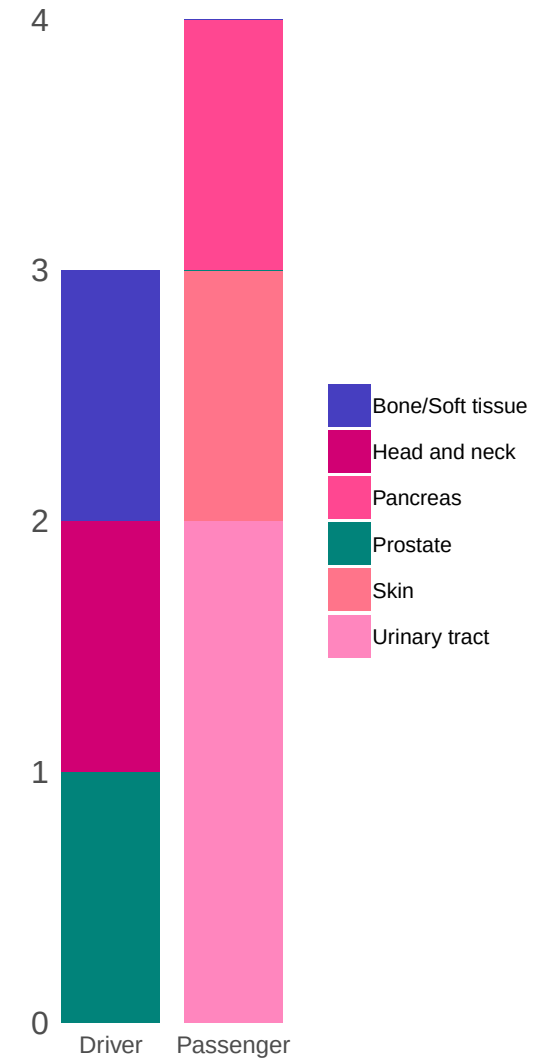
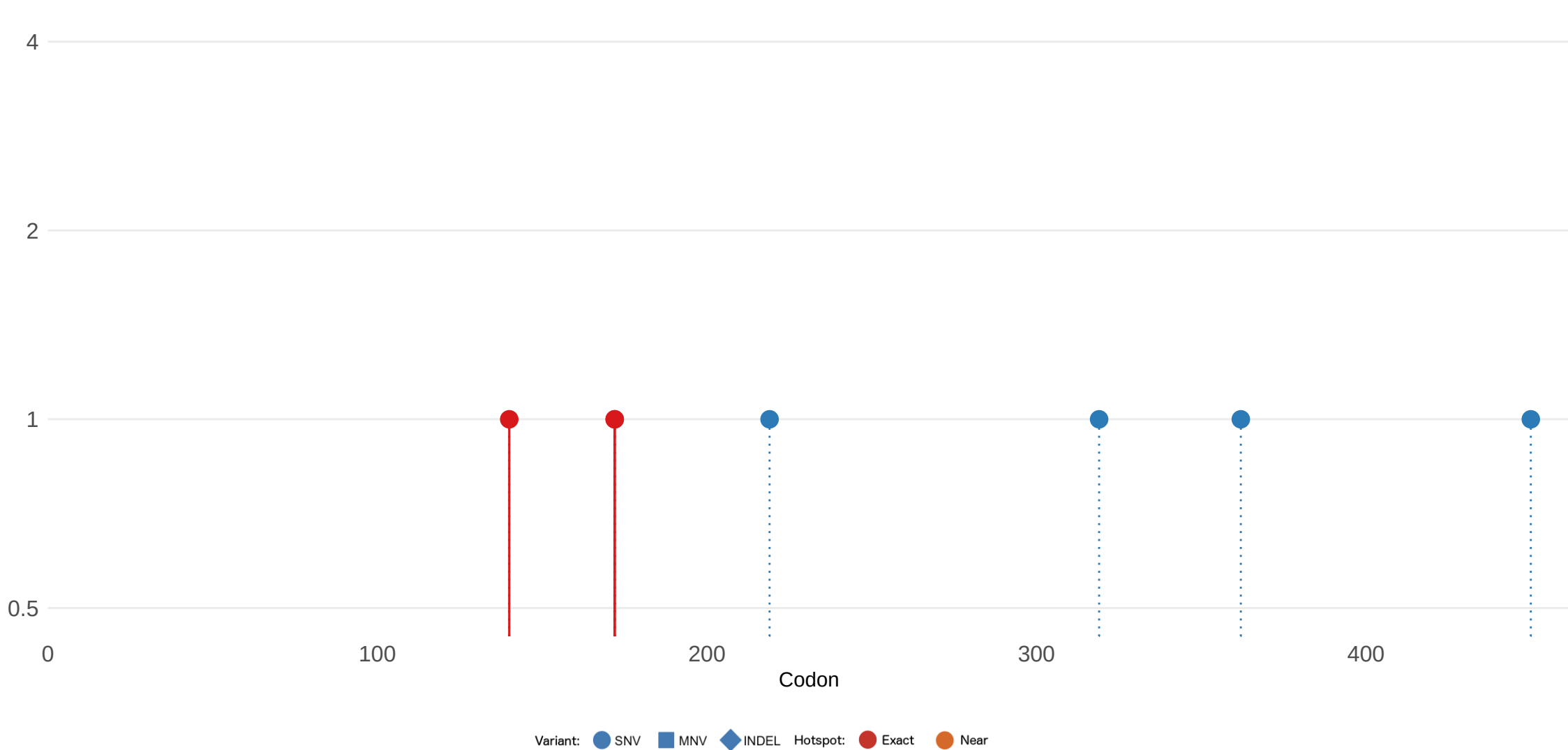
HRAS Variants



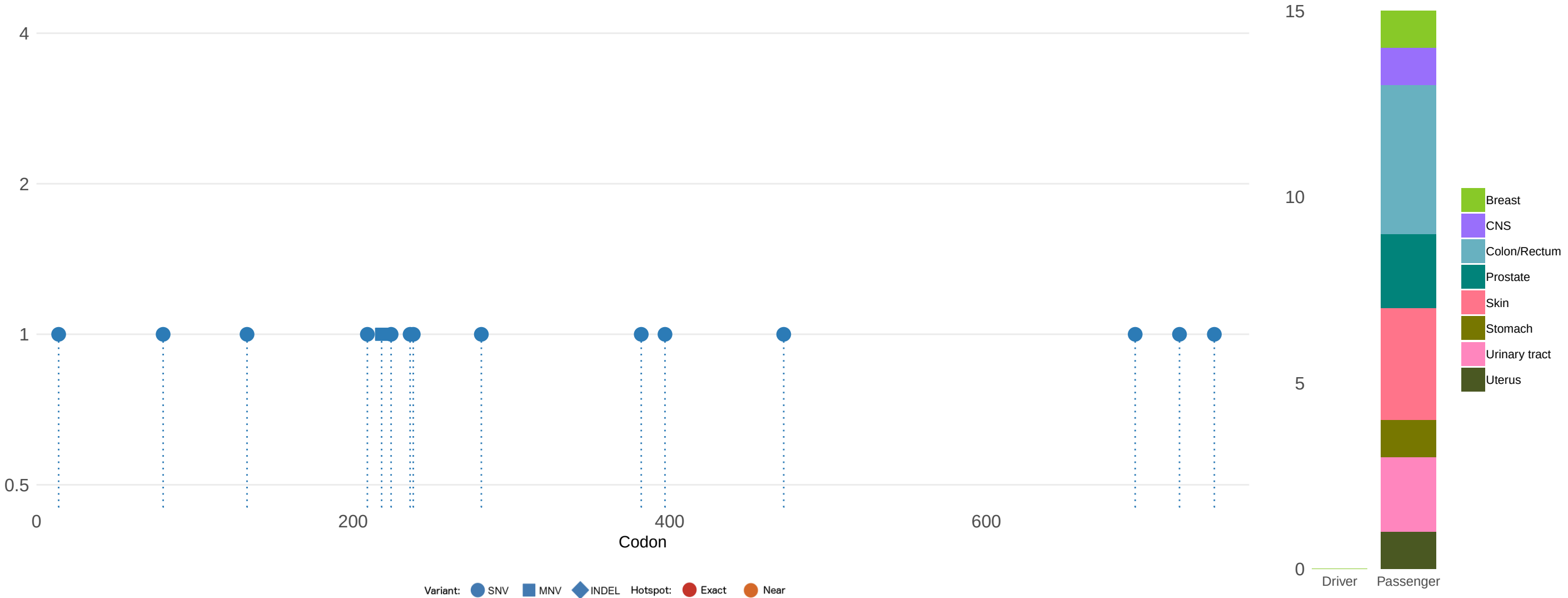
IDH1 Variants



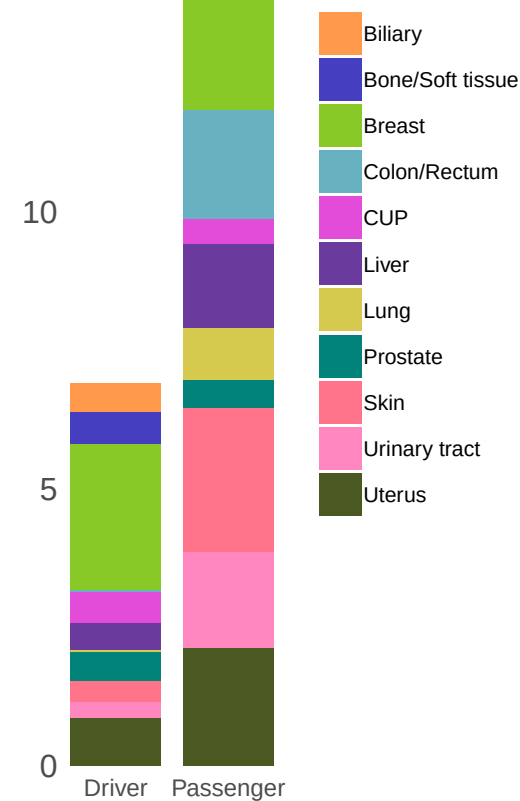
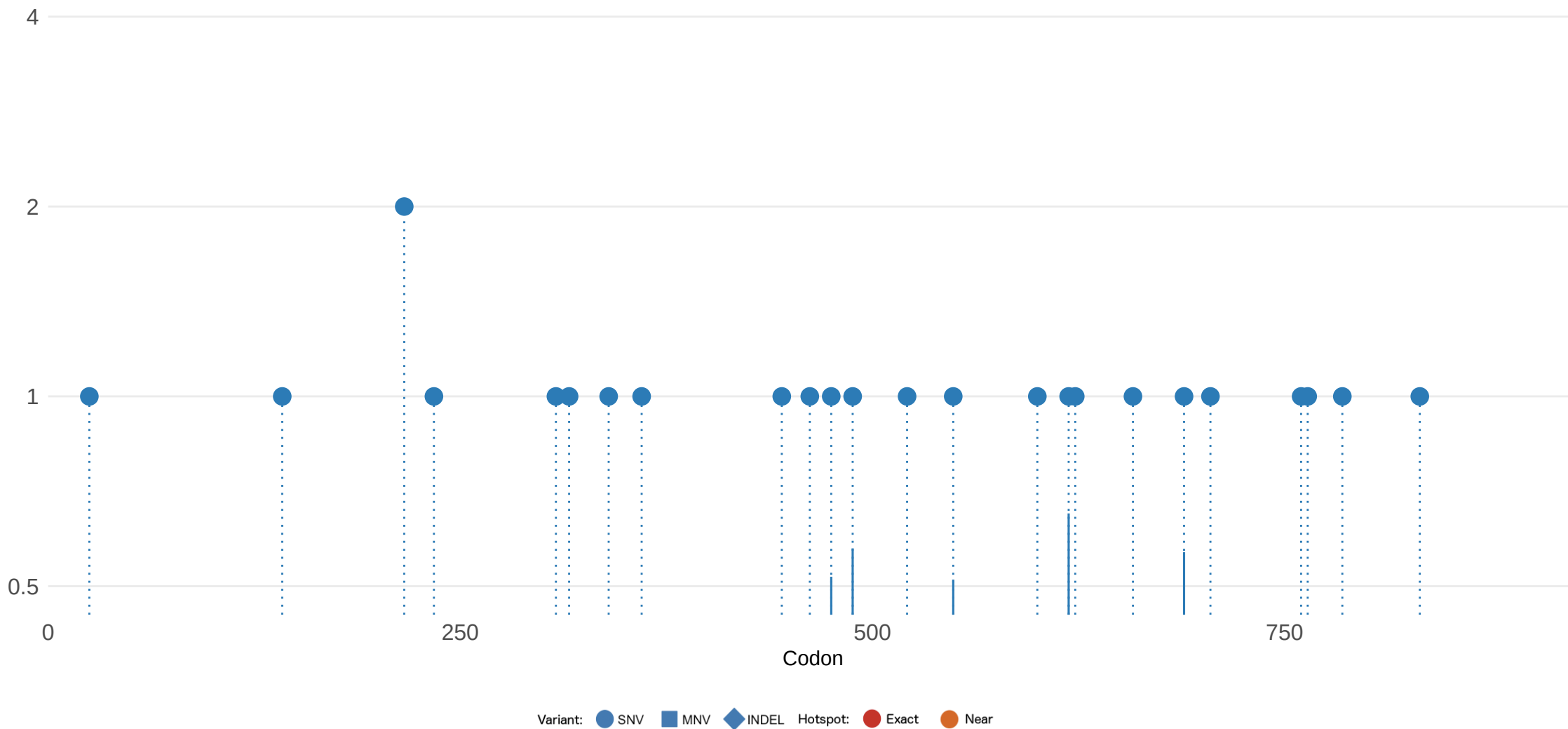
IDH2 Variants



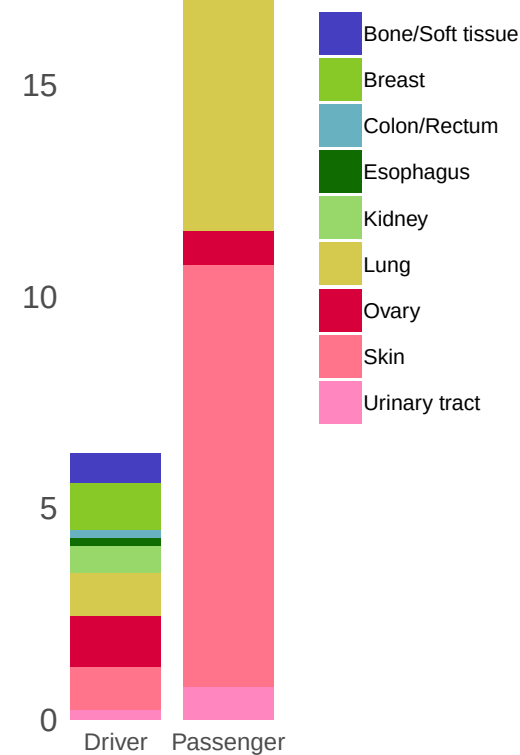
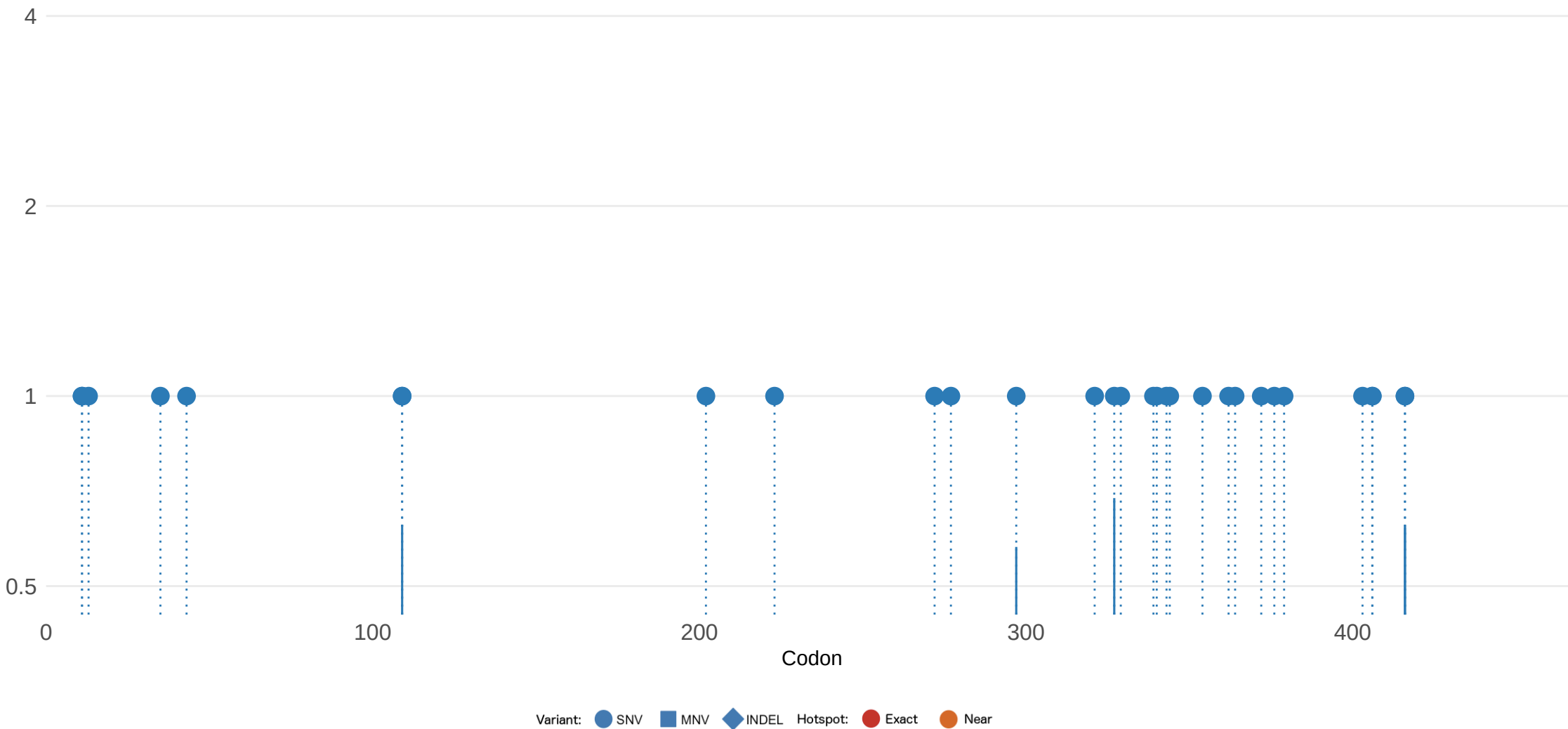
IKBKB Variants



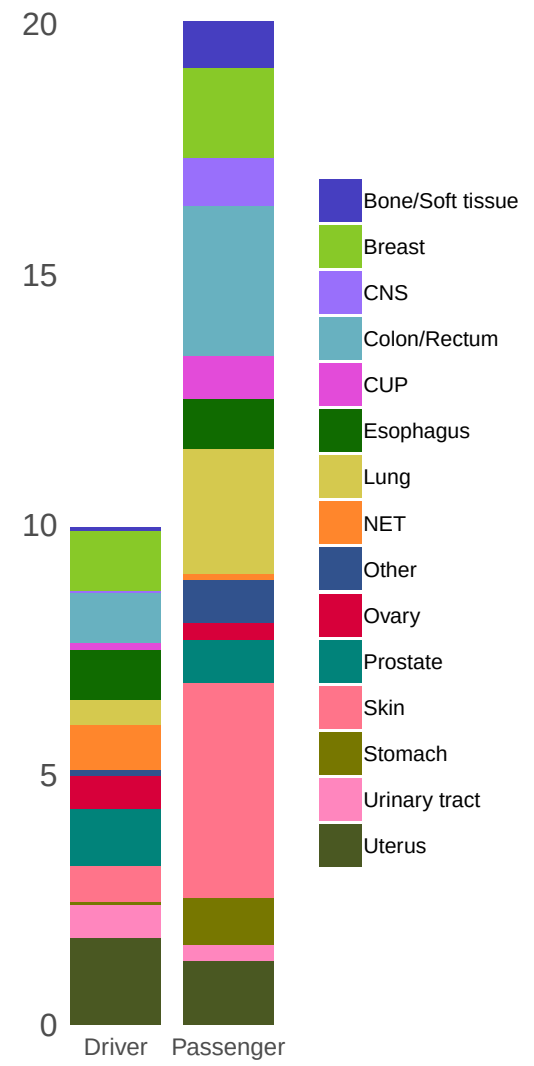
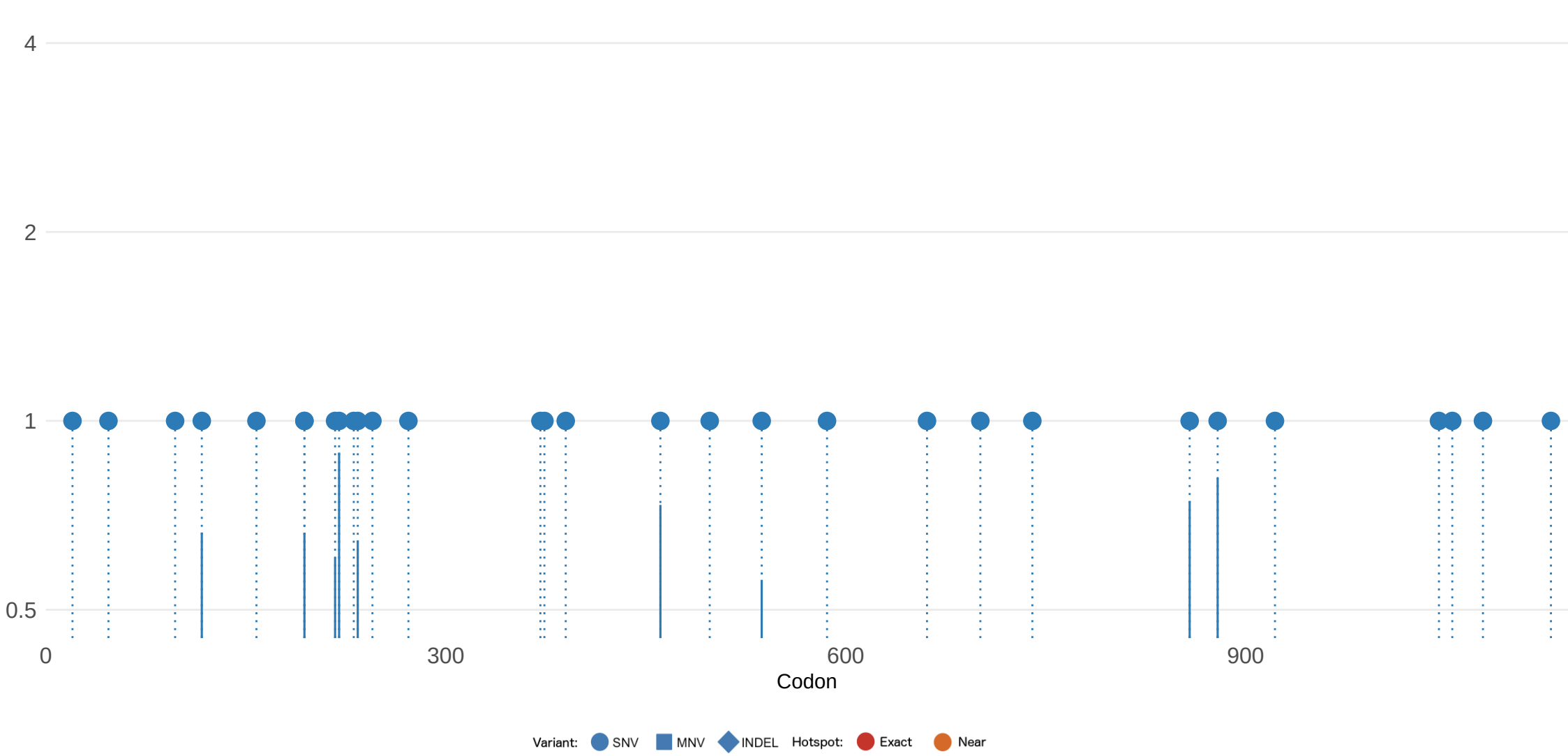
IL6ST Variants



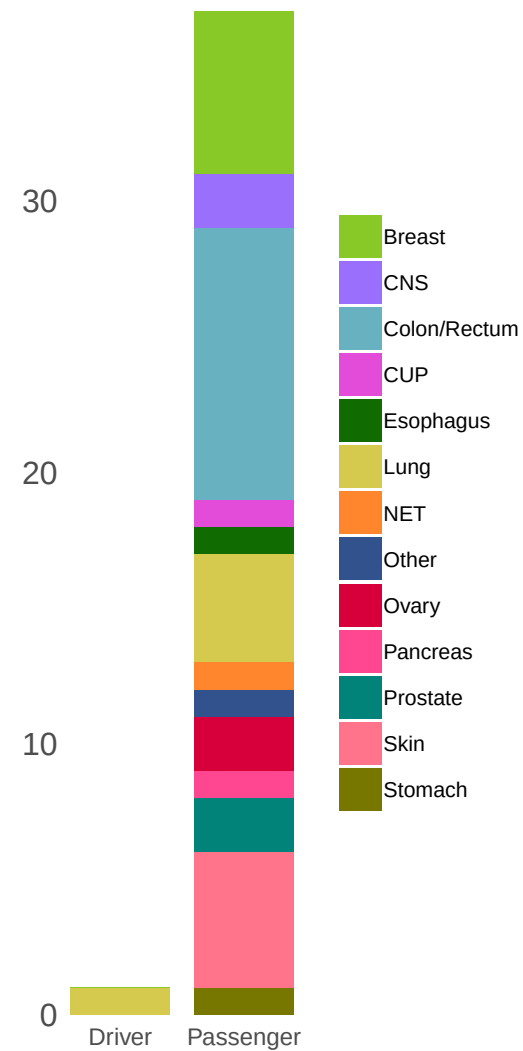
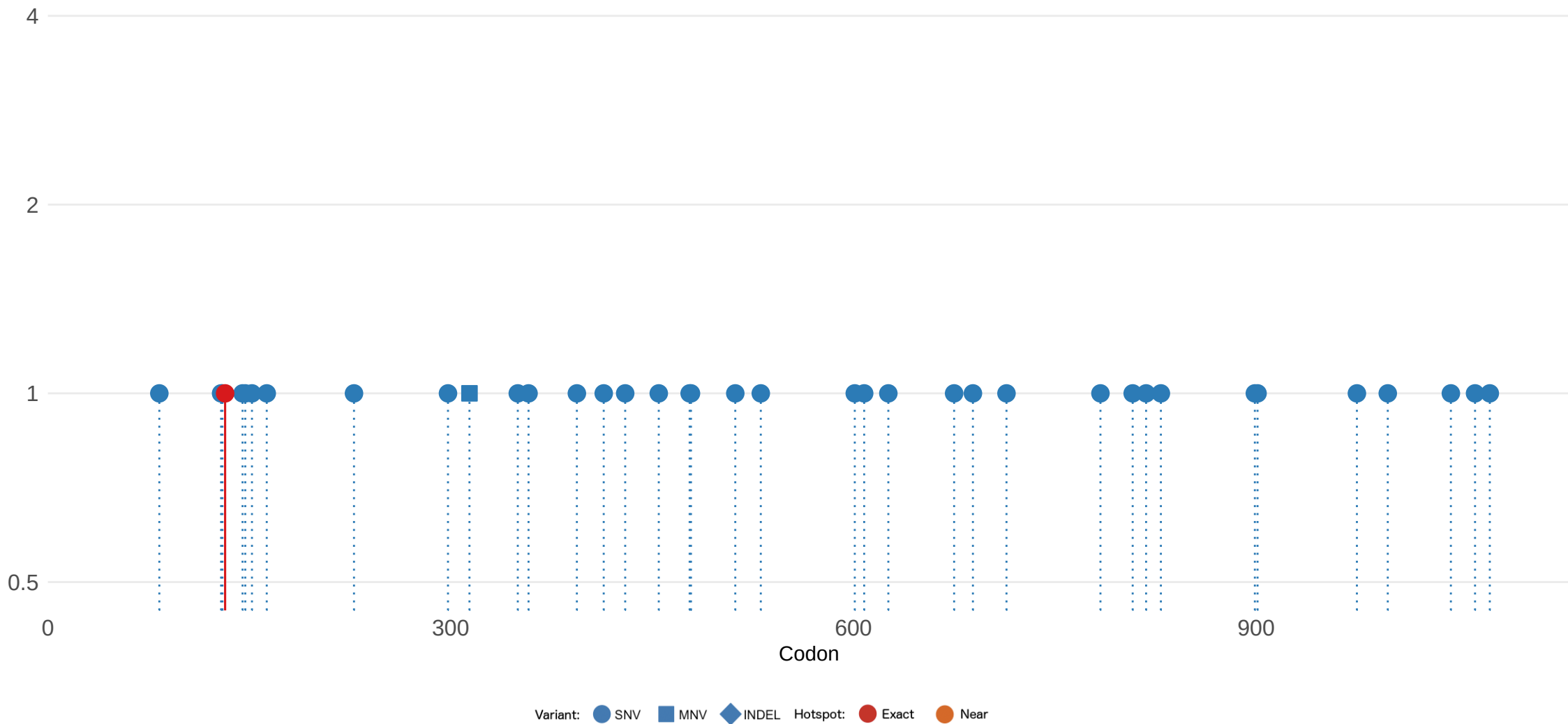
IL7R Variants



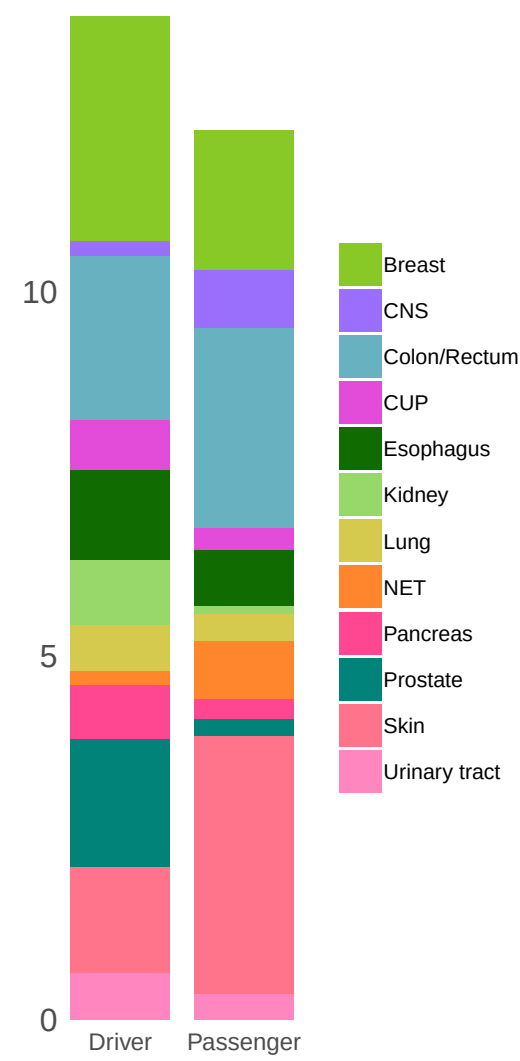
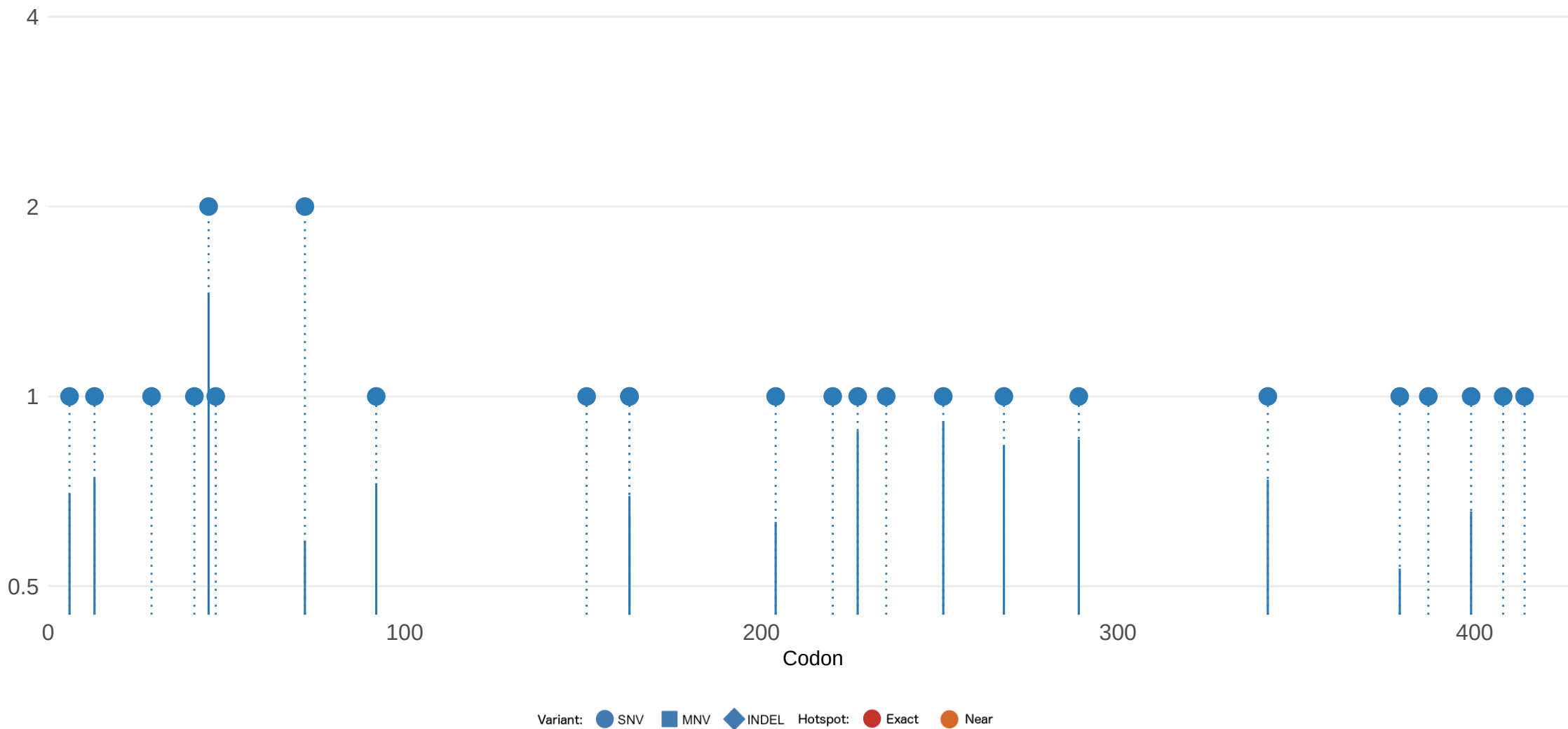
JAK2 Variants



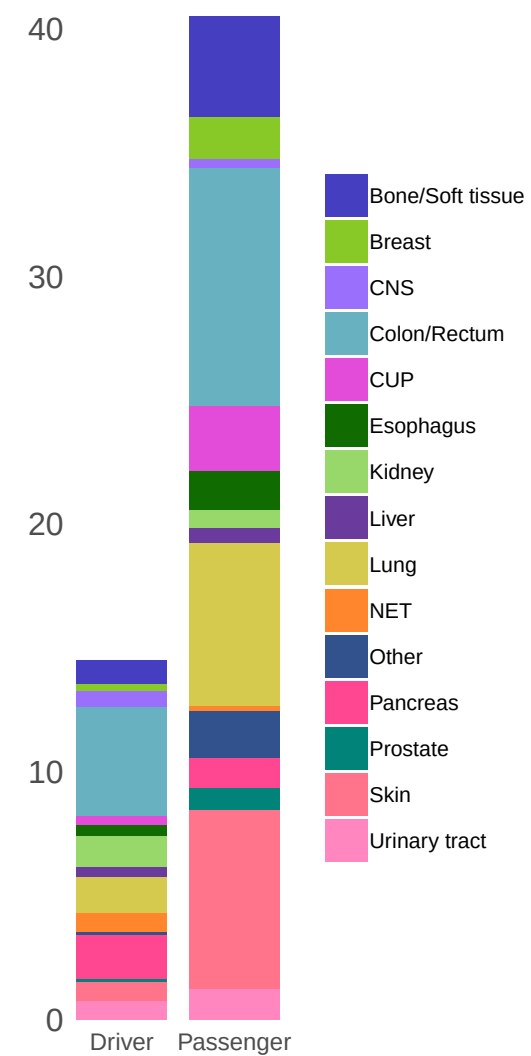
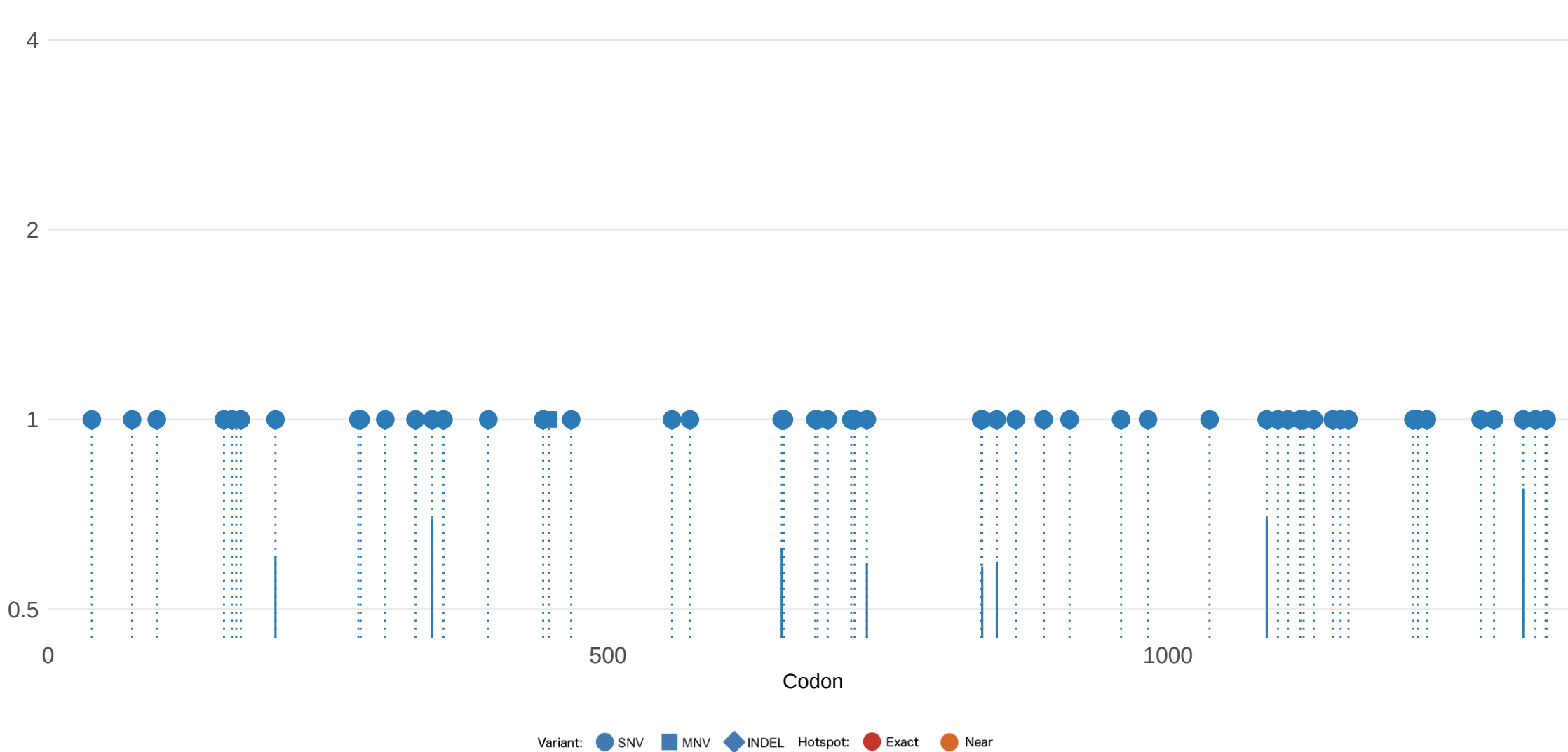
JAK3 Variants



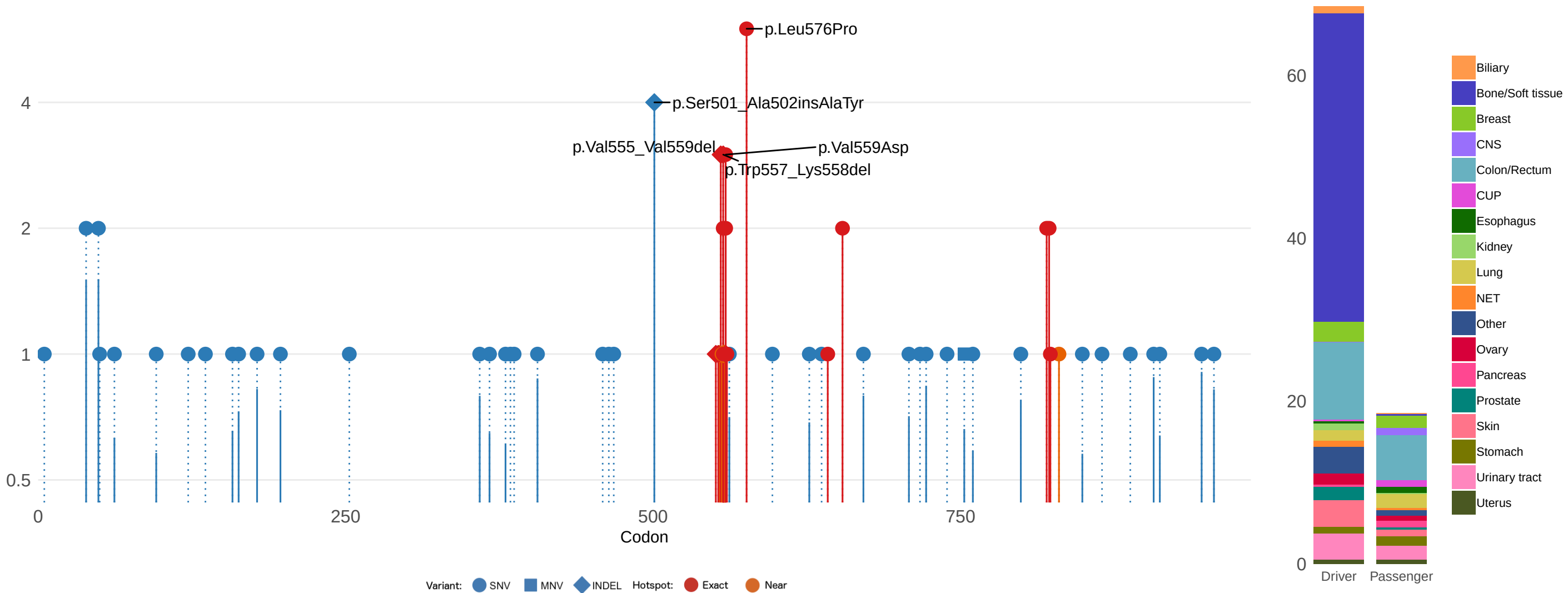
KCNJ5 Variants



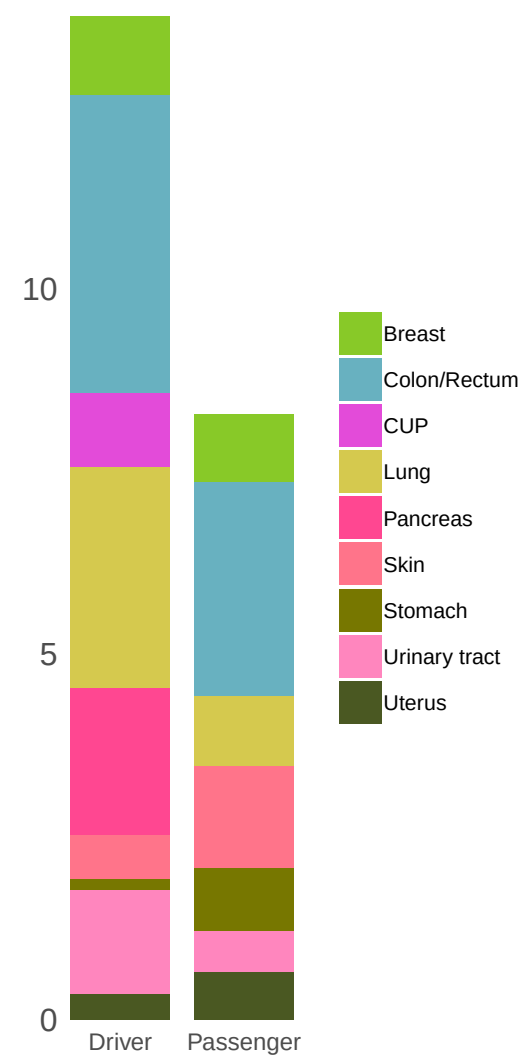
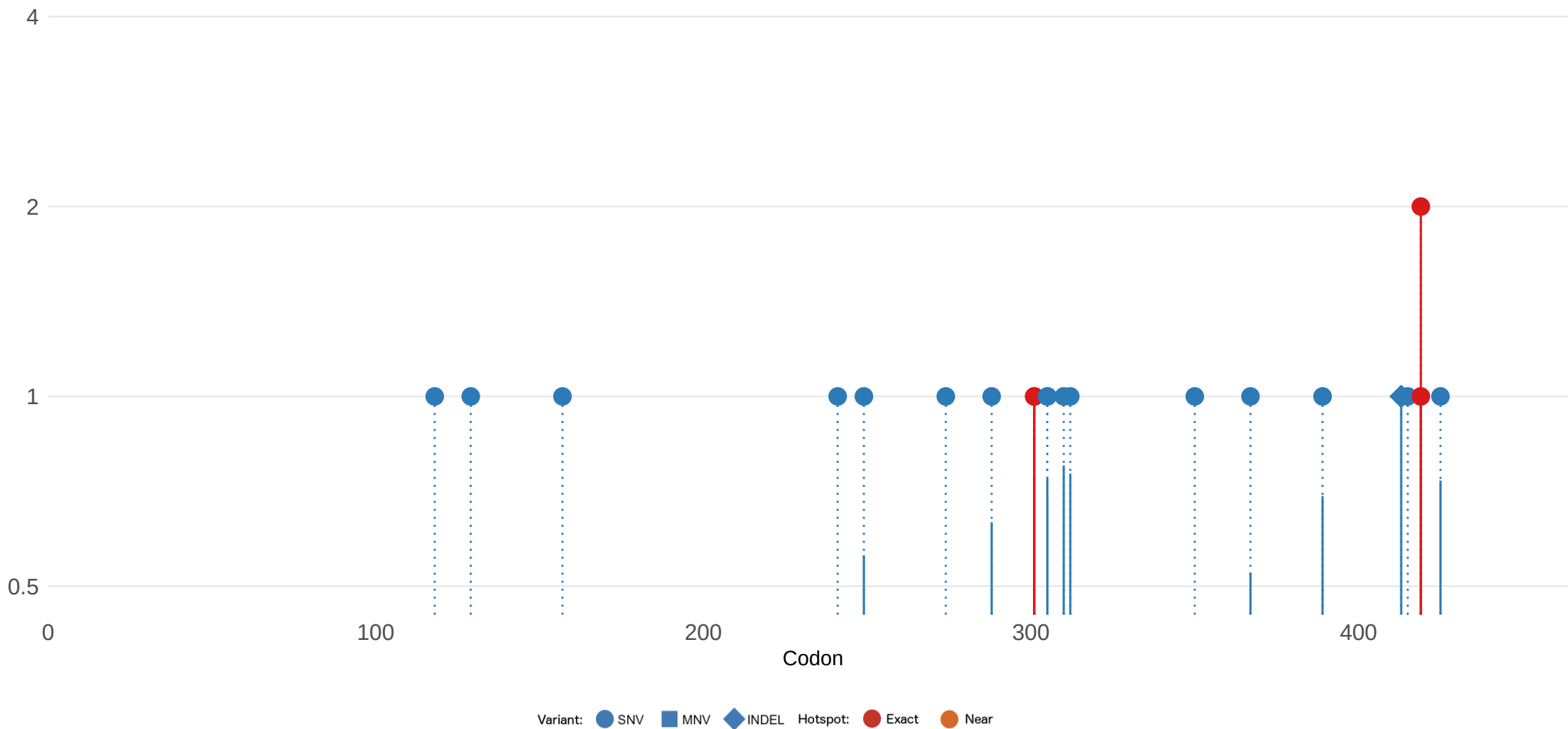
KDR Variants



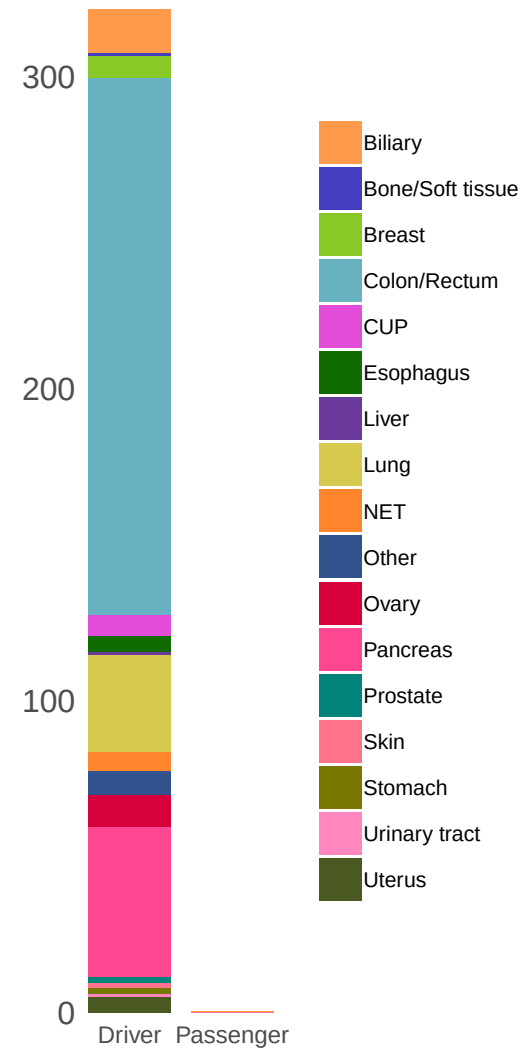
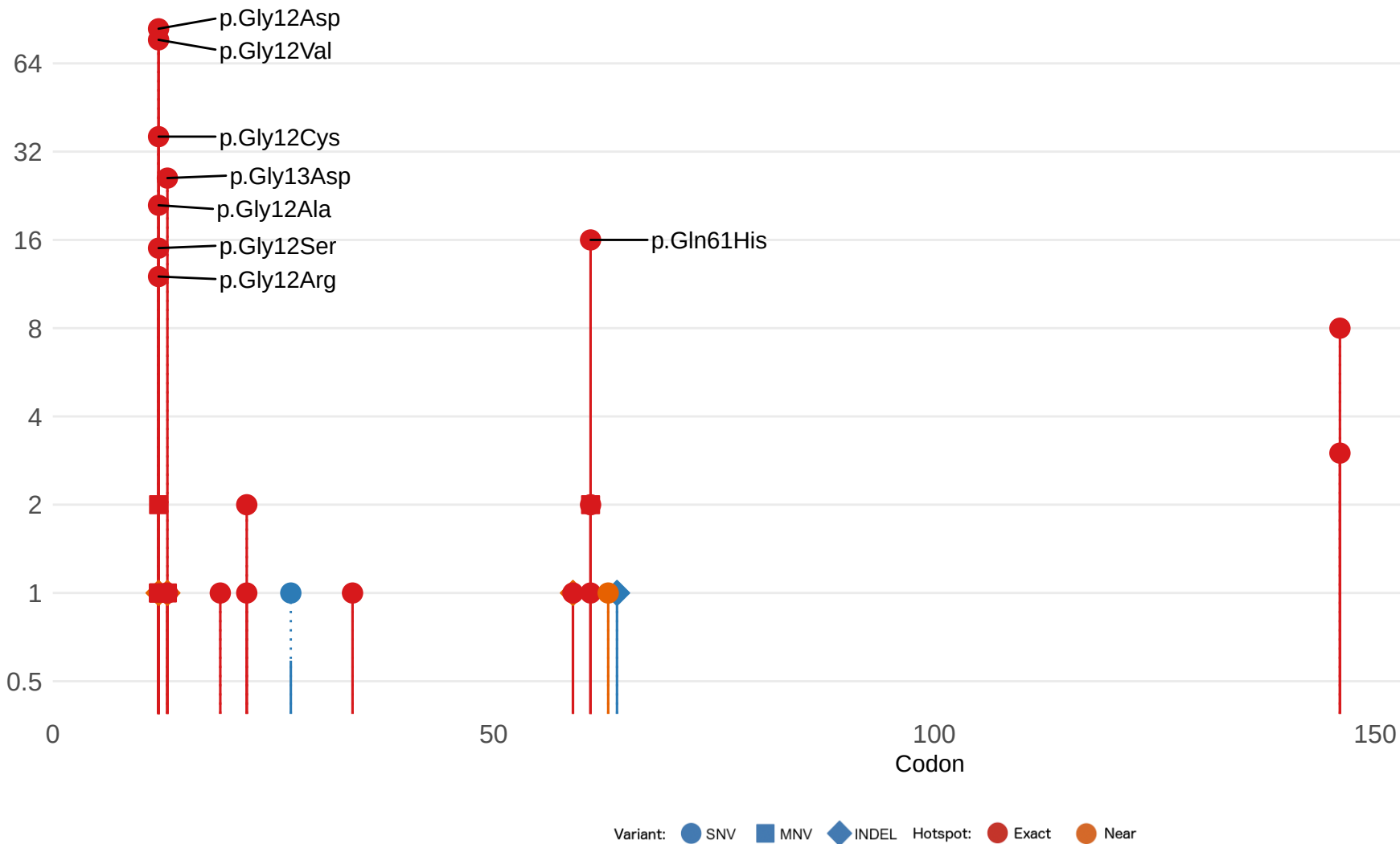
KIT Variants



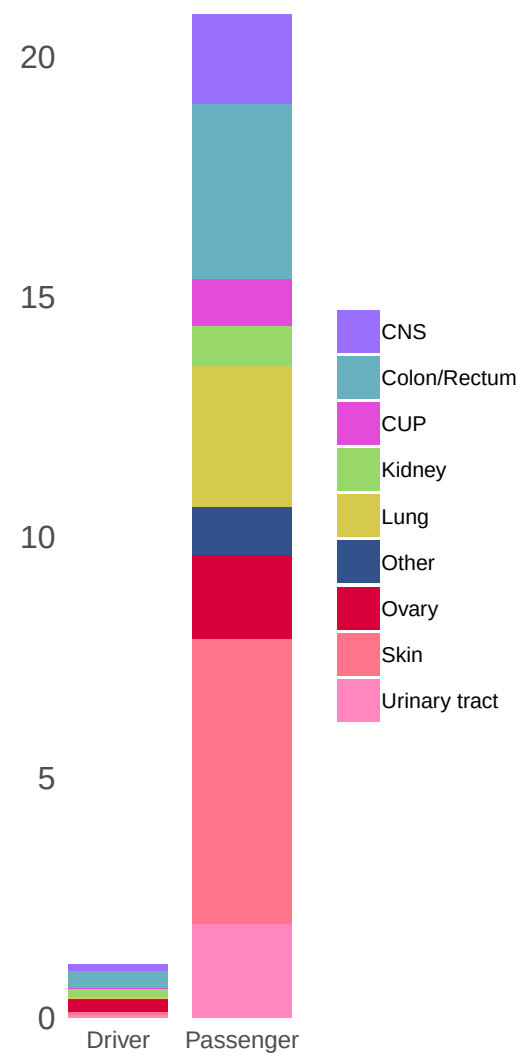
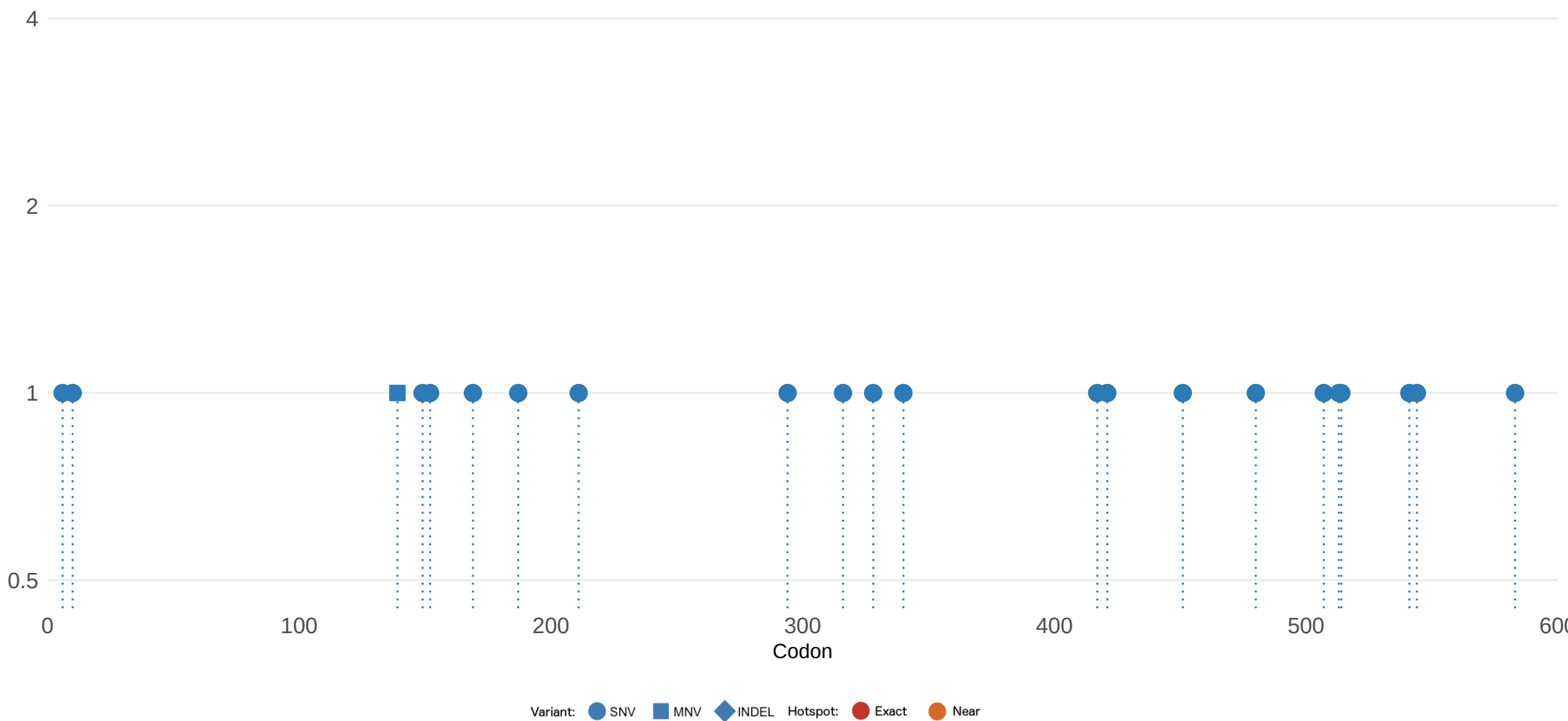
KLF5 Variants



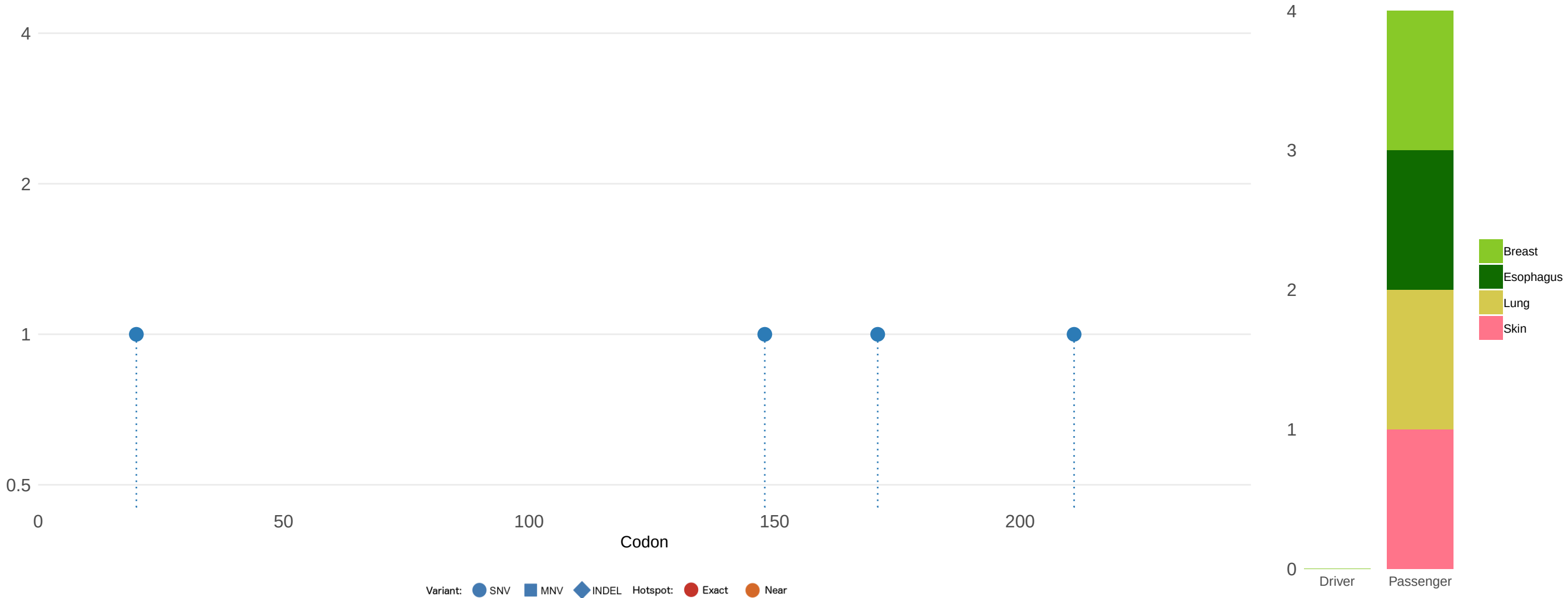
KRAS Variants



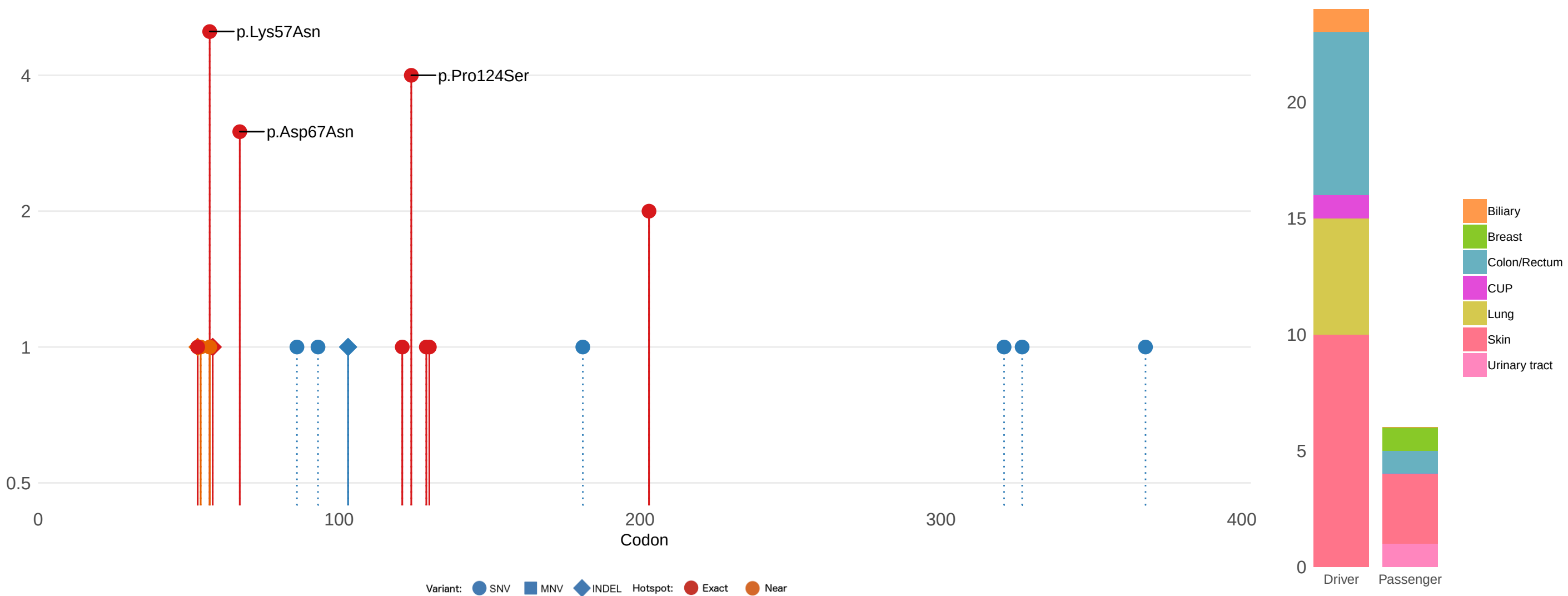
KRT5 Variants



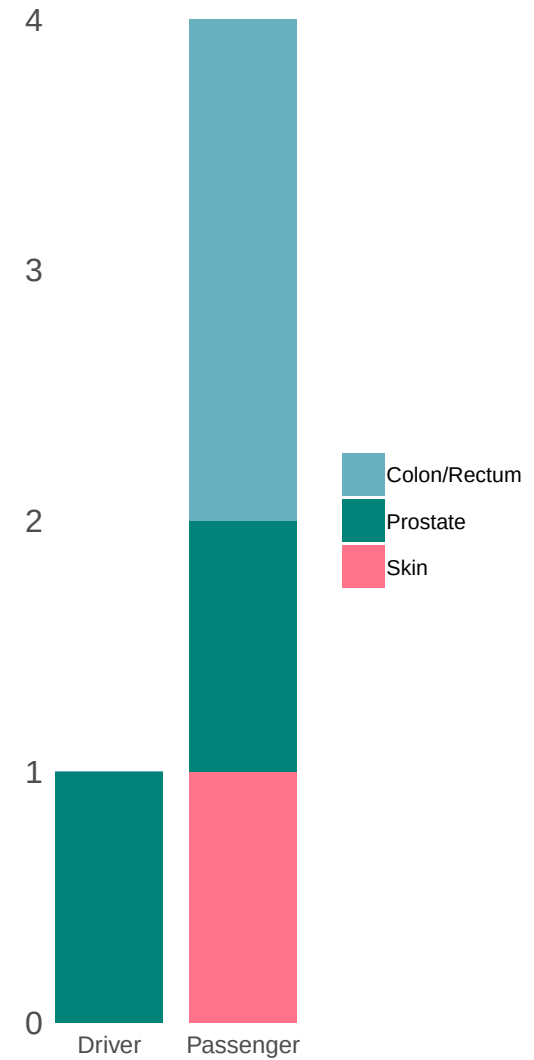
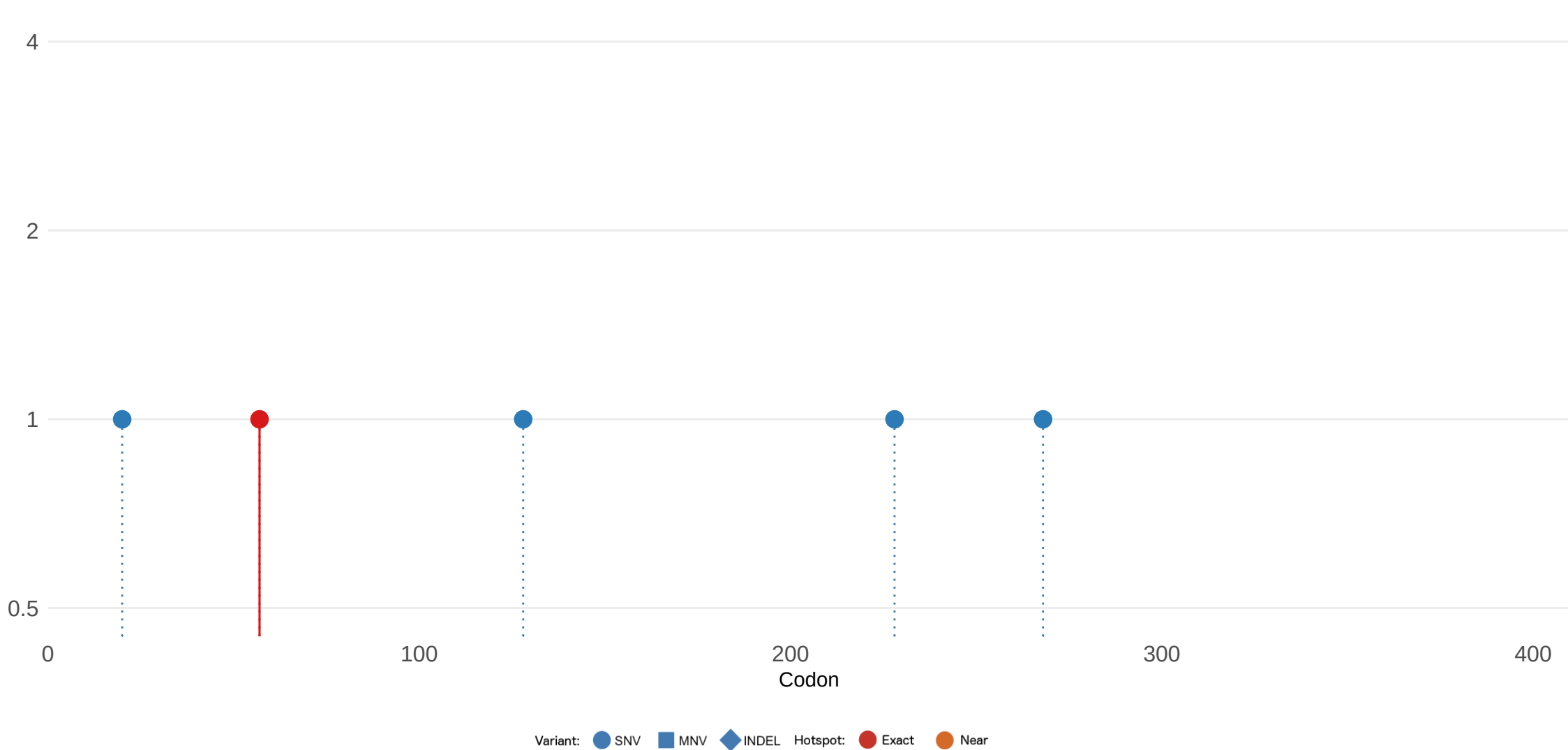
KRTAP5-5 Variants



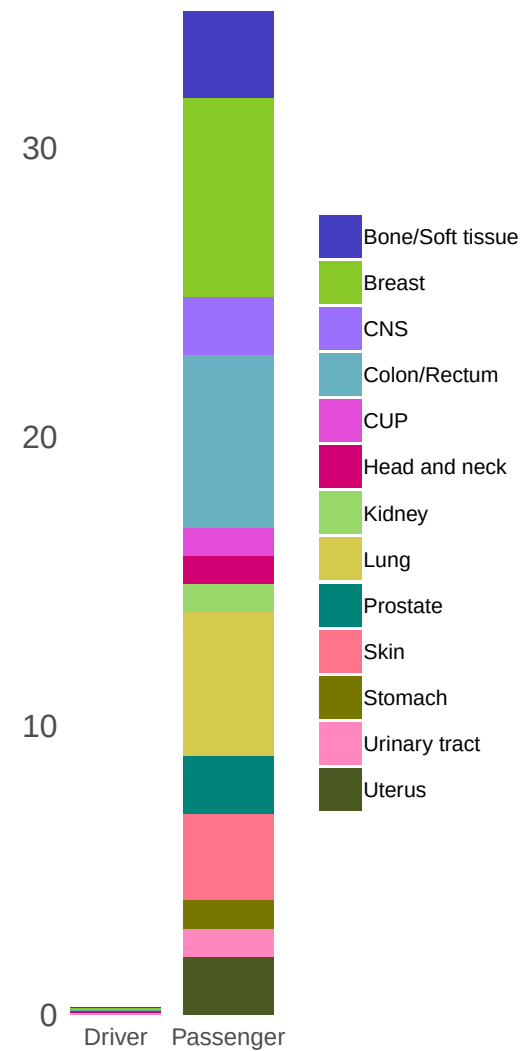
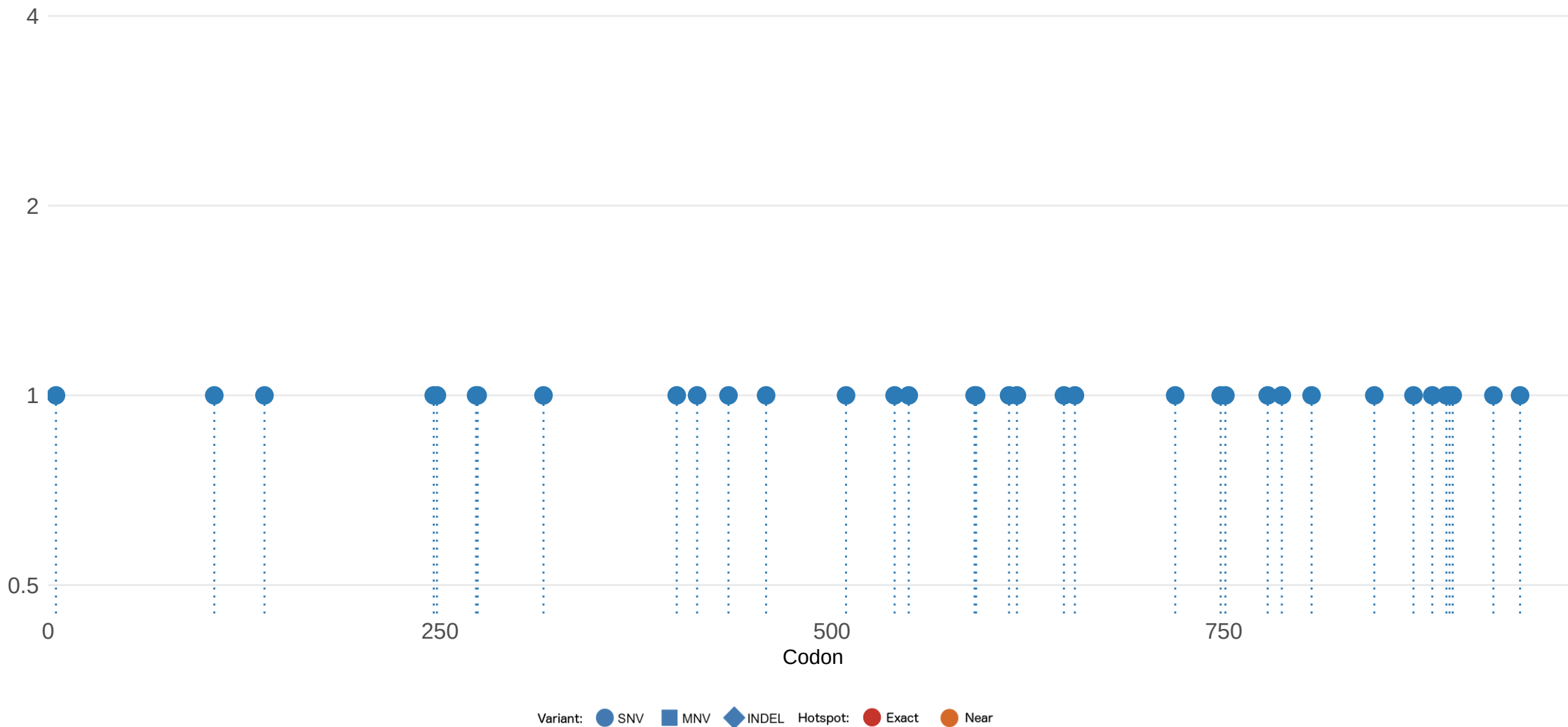
MAP2K1 Variants



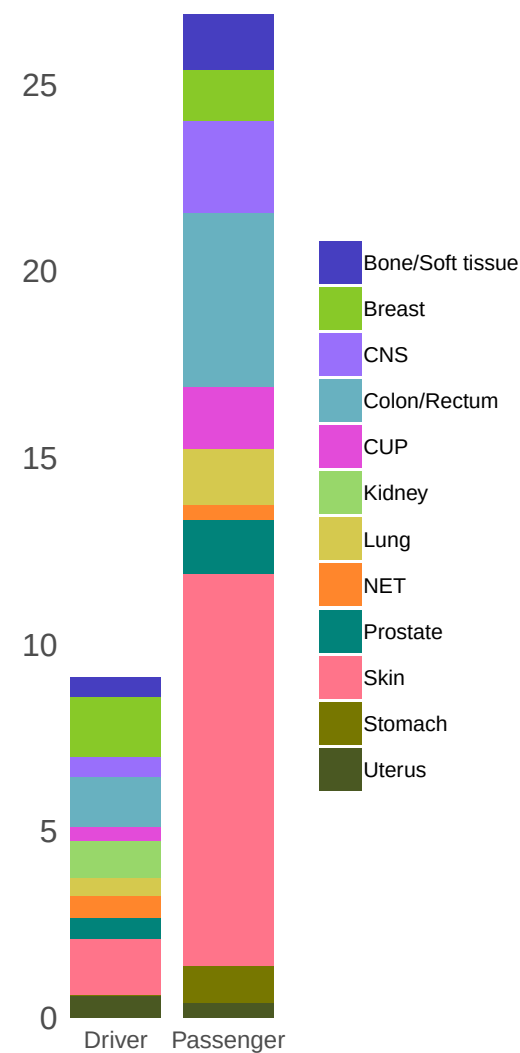
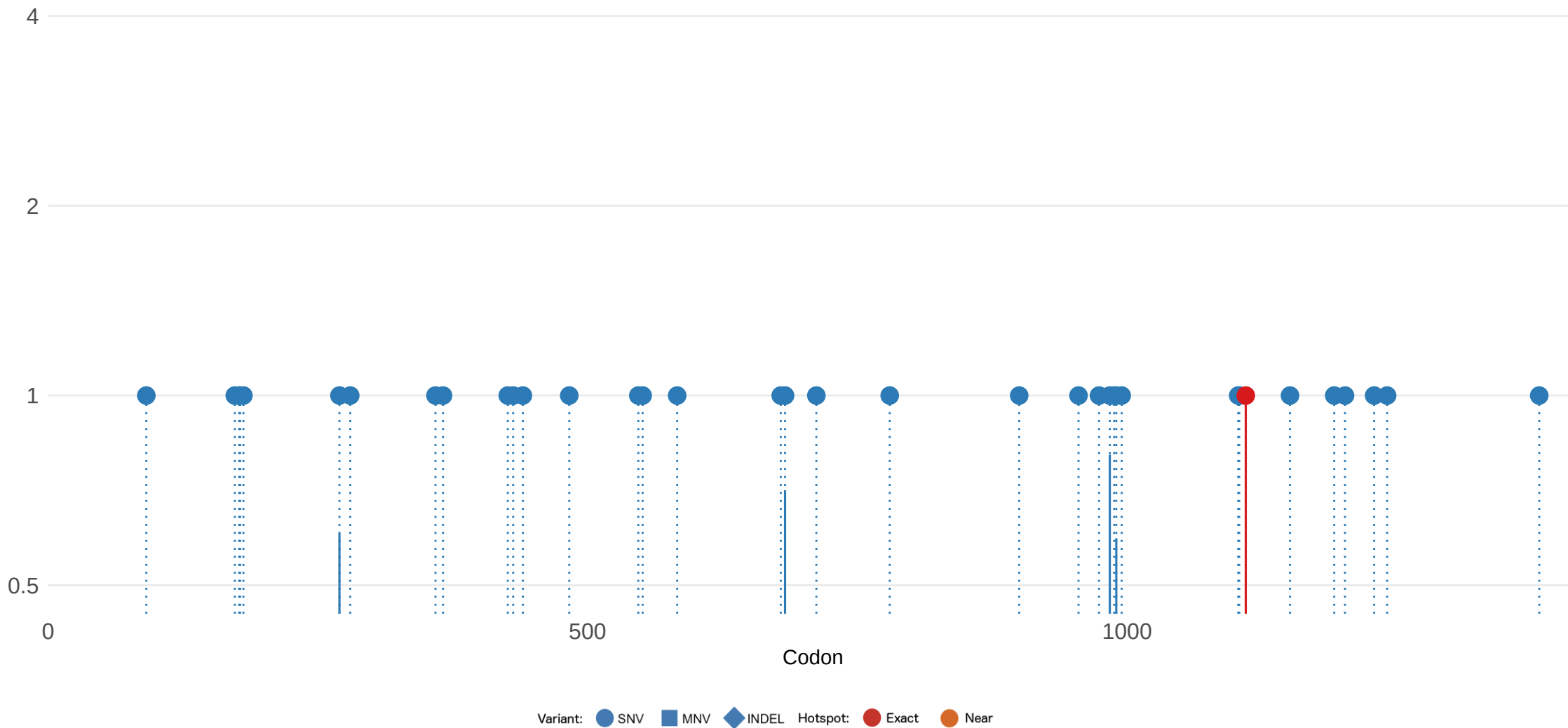
MAP2K2 Variants



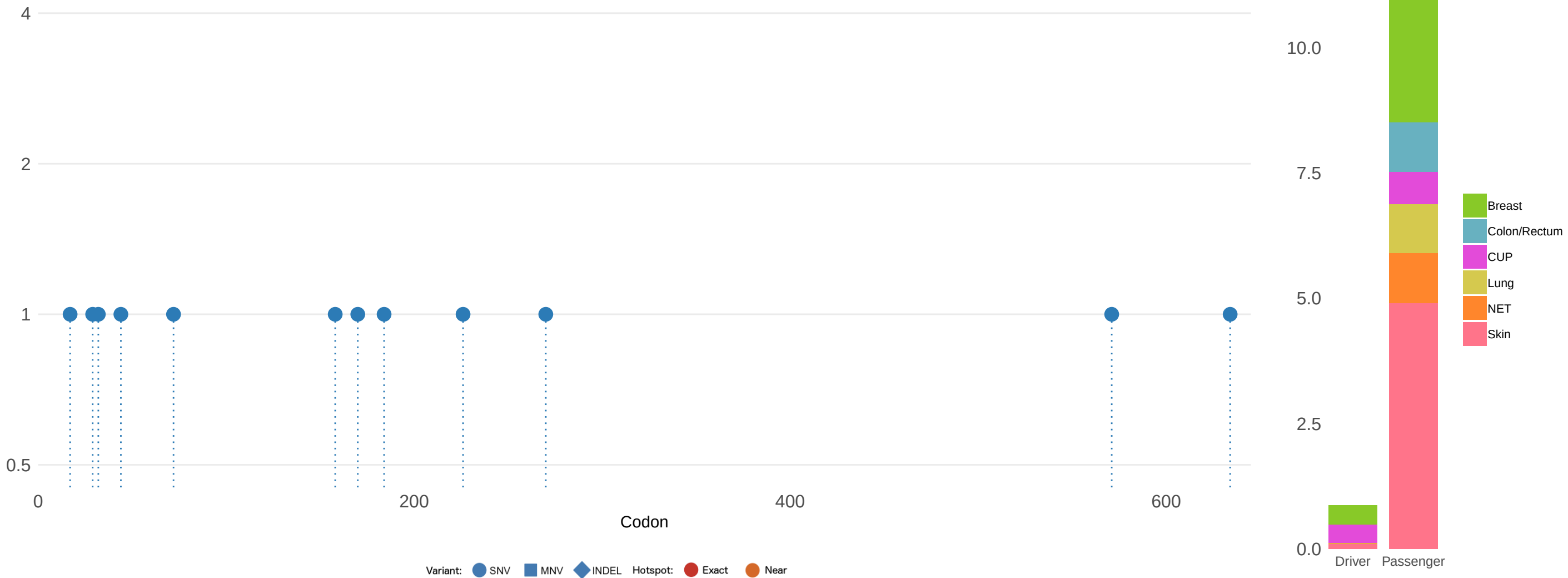
MAP3K13 Variants



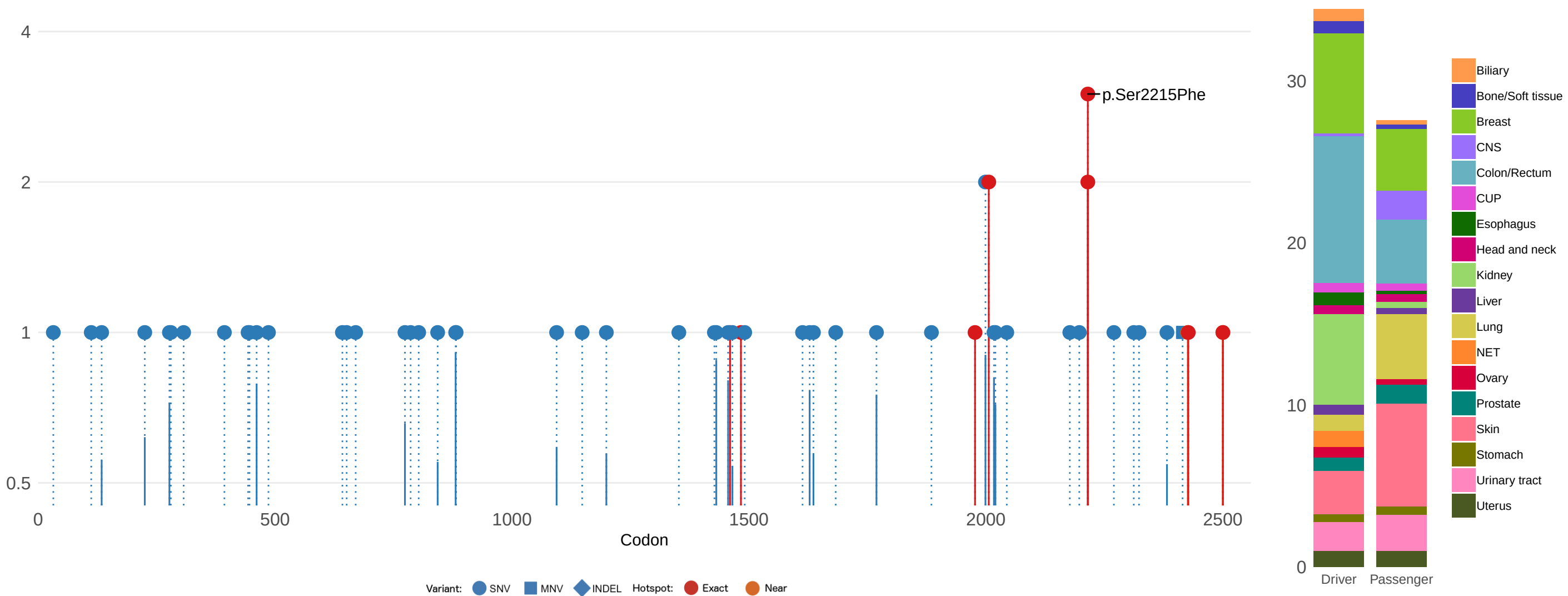
MET Variants



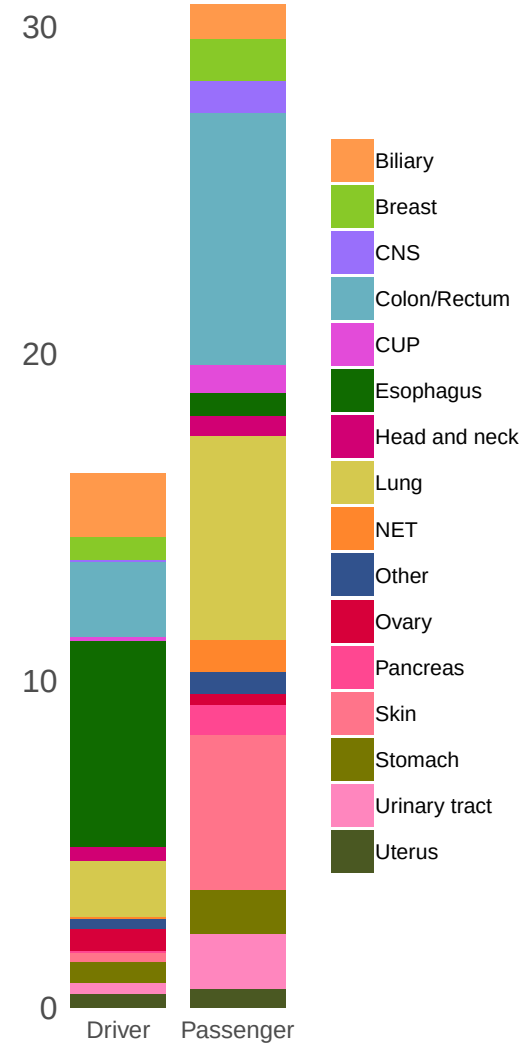
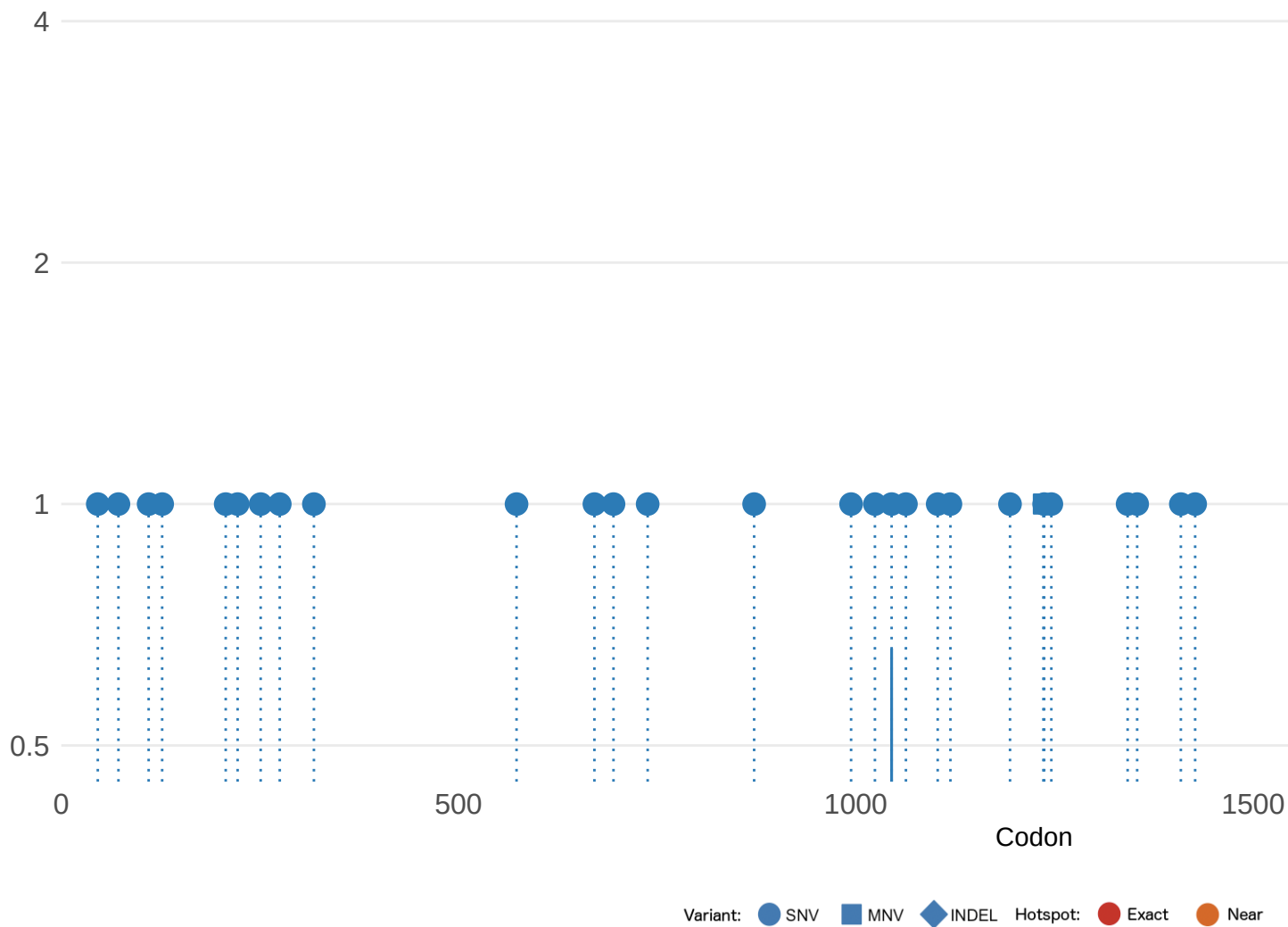
MPL Variants



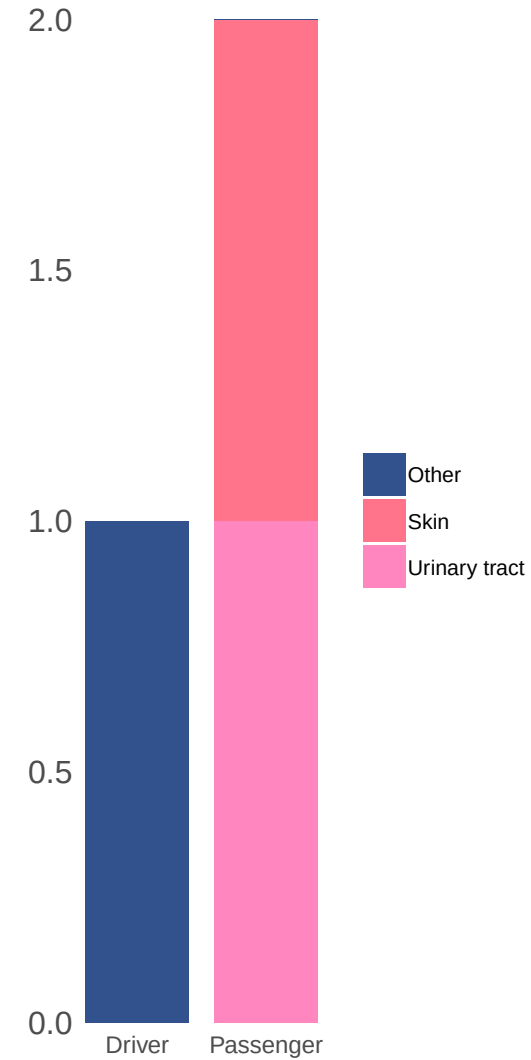
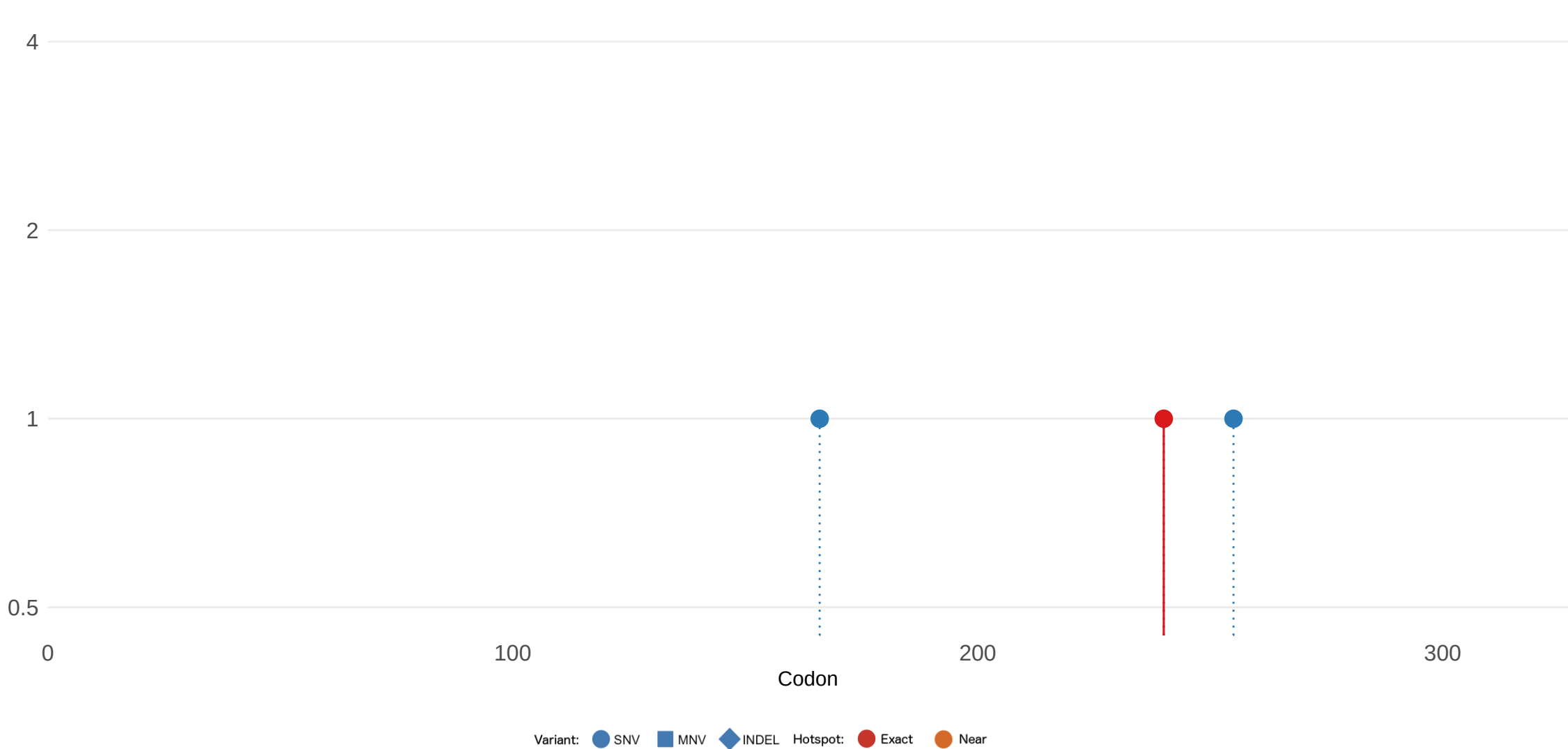
MTOR Variants



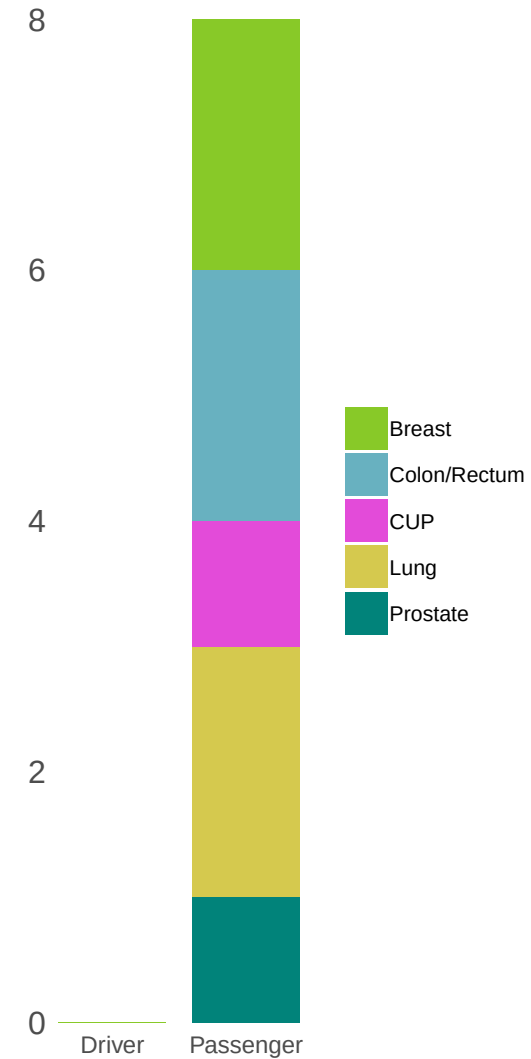
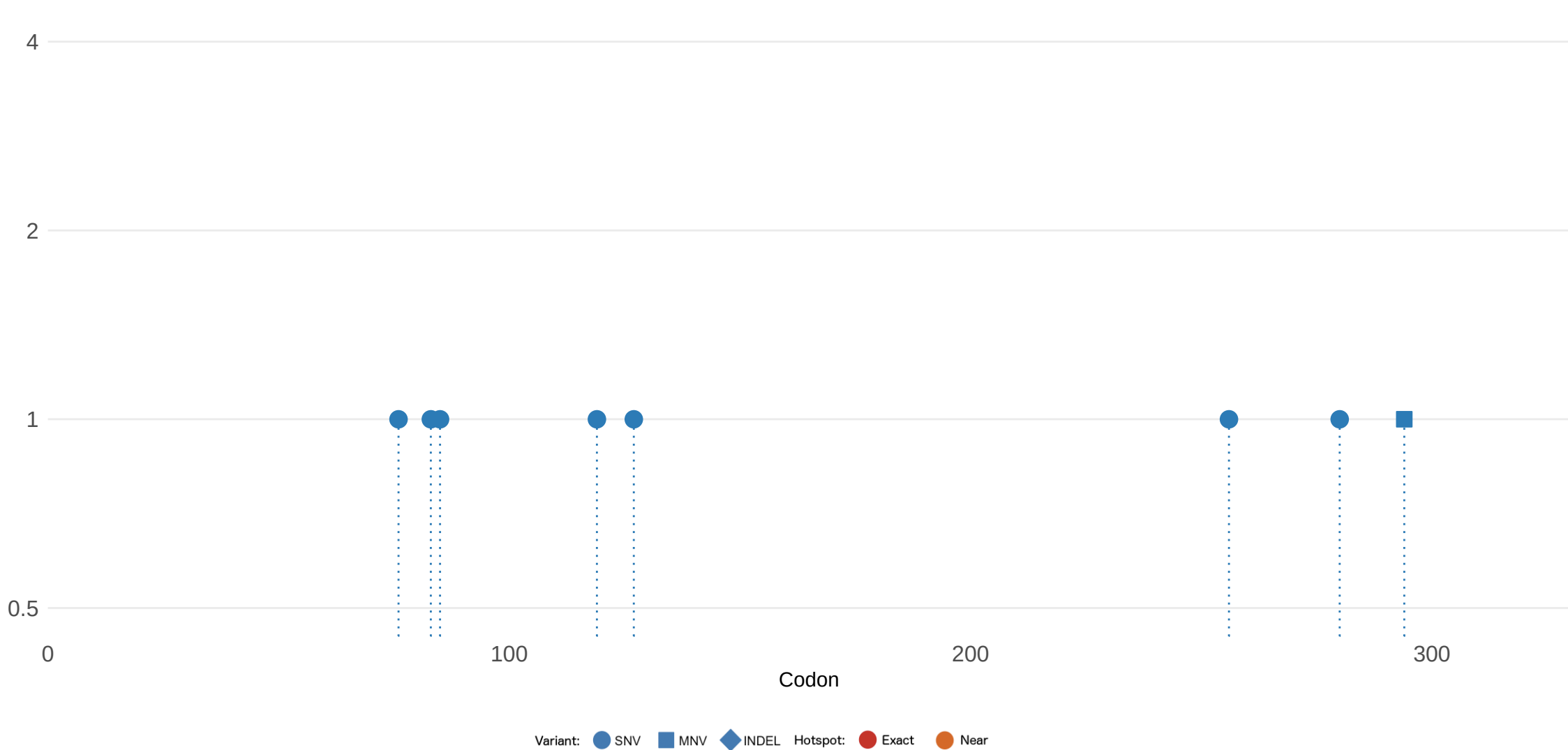
MUC6 Variants



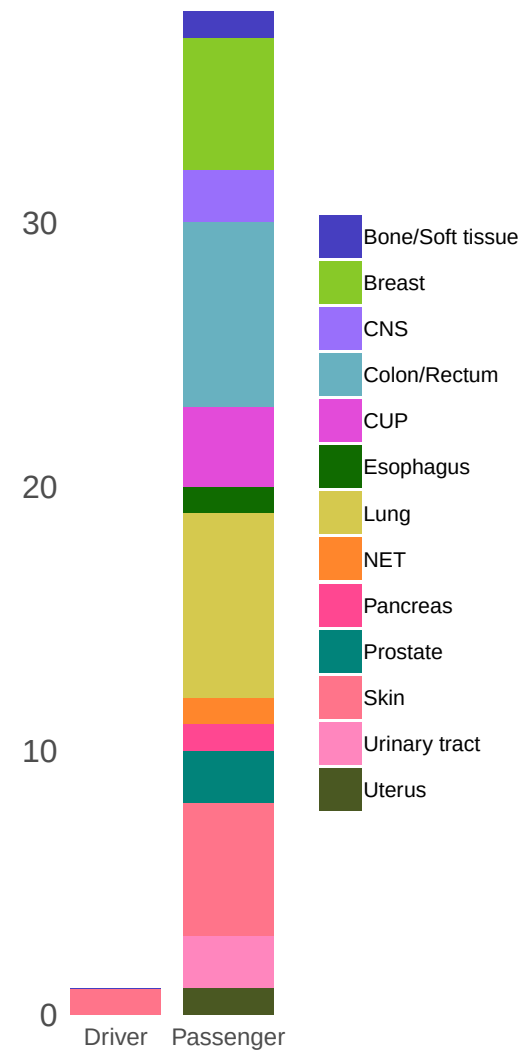
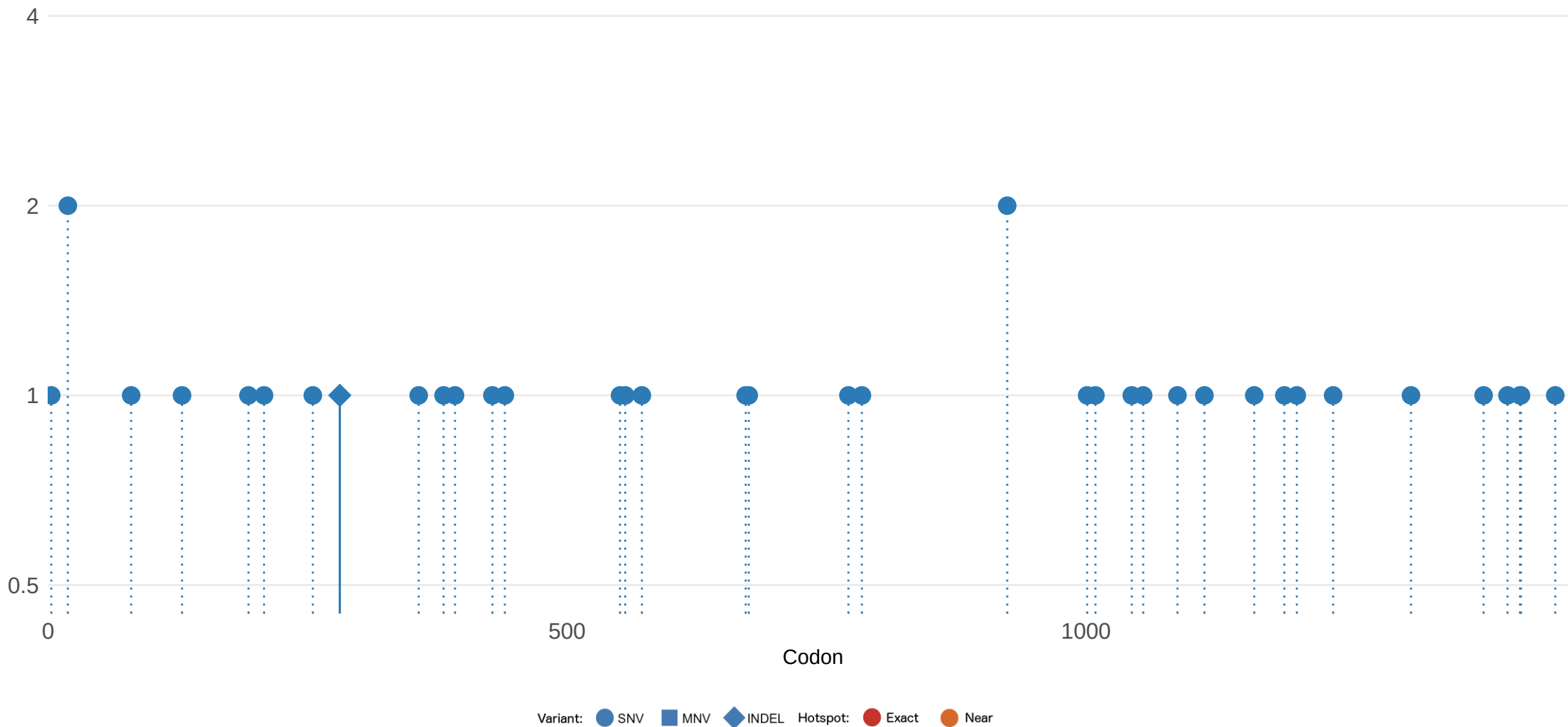
MYD88 Variants



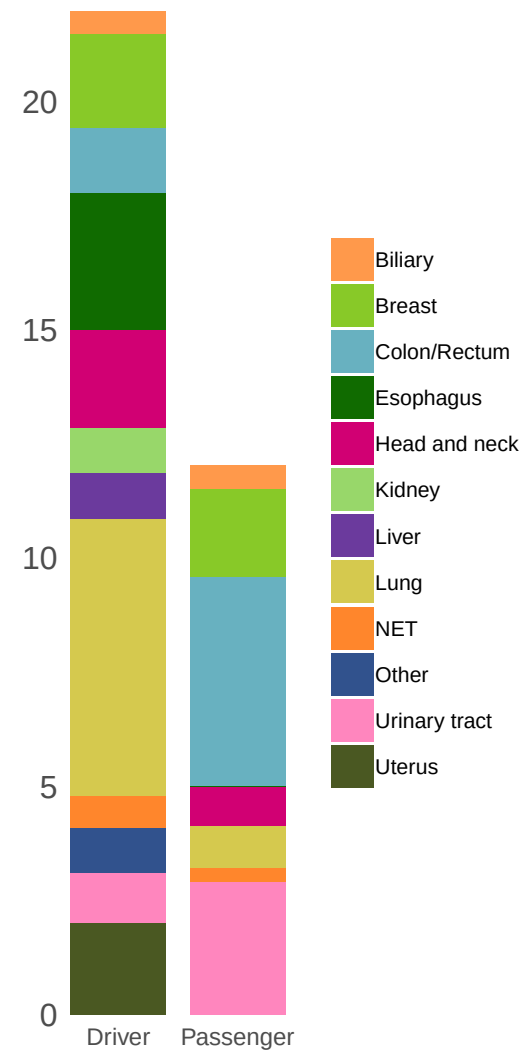
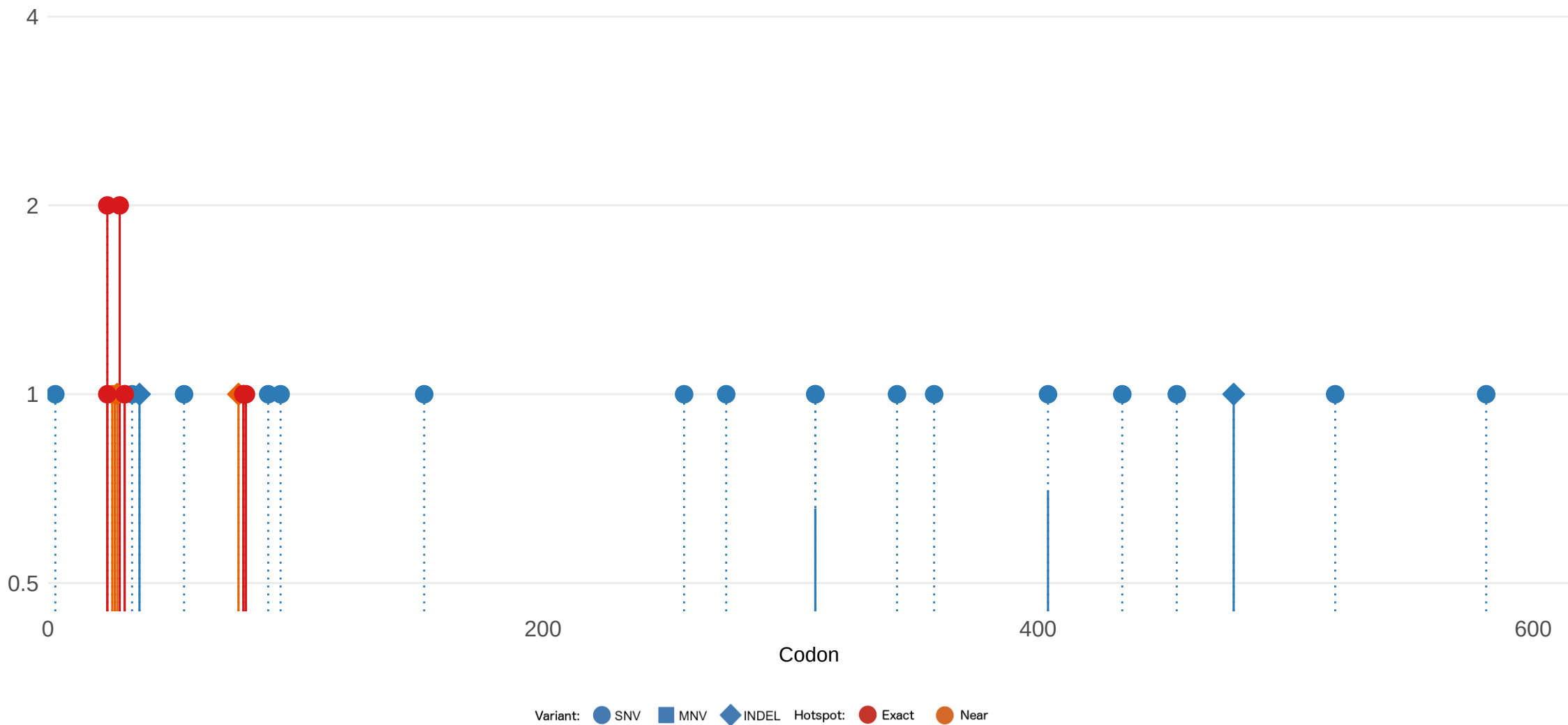
MYOD1 Variants



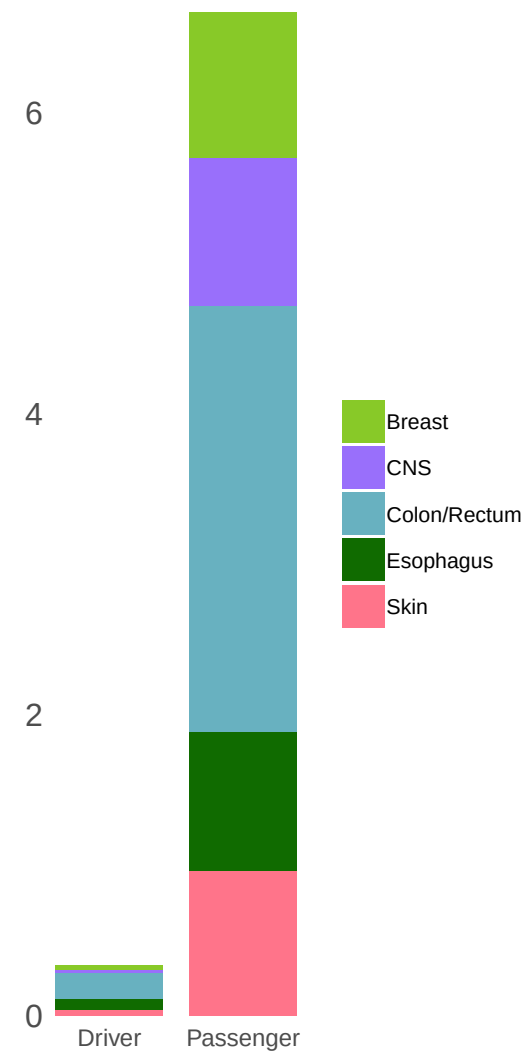
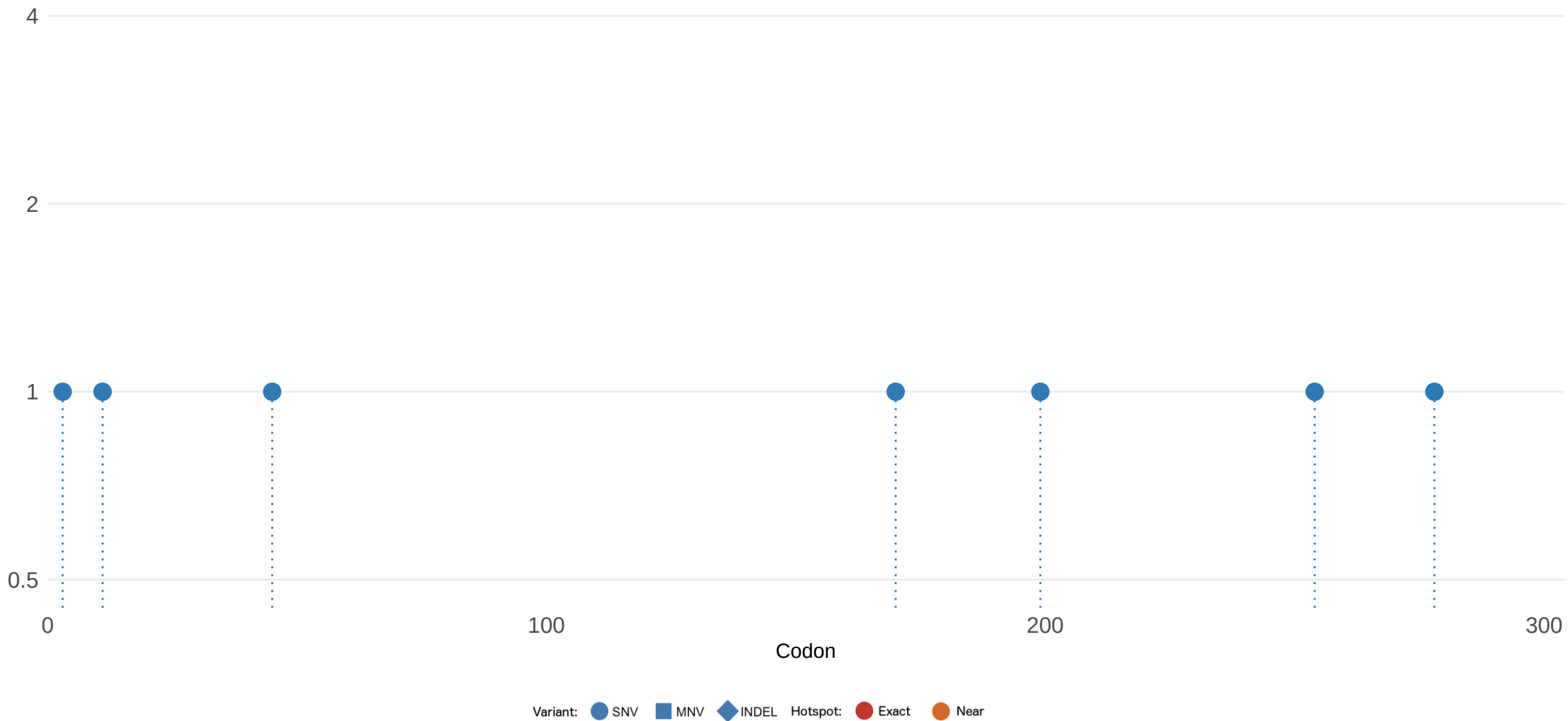
NCOA2 Variants



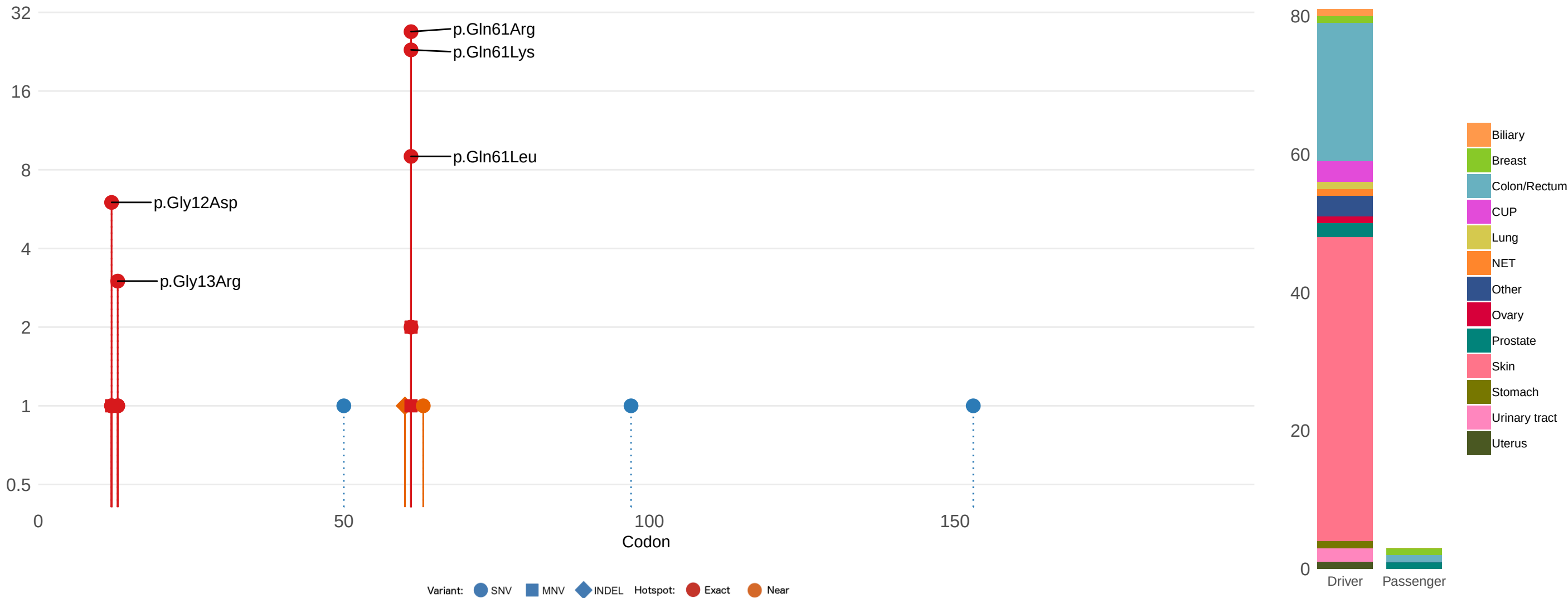
NFE2L2 Variants



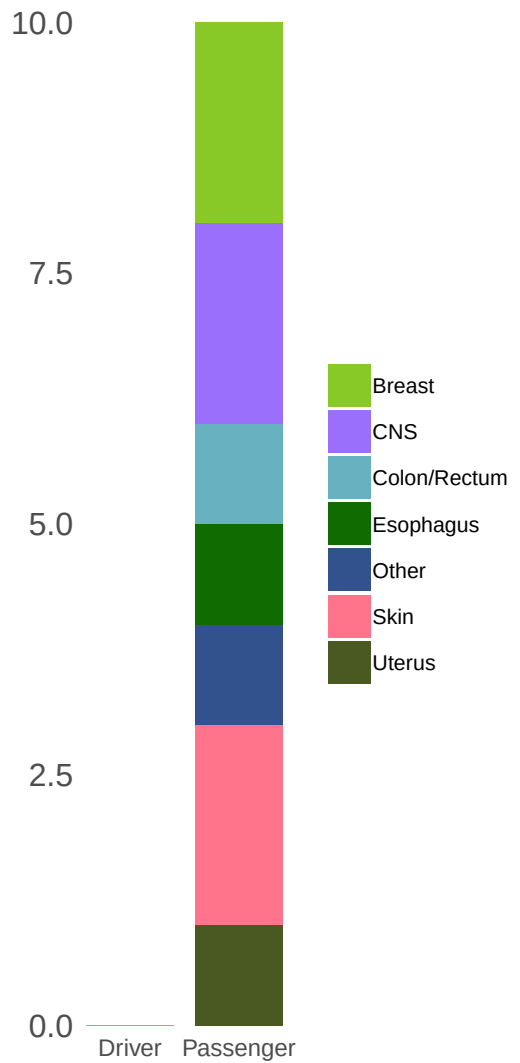
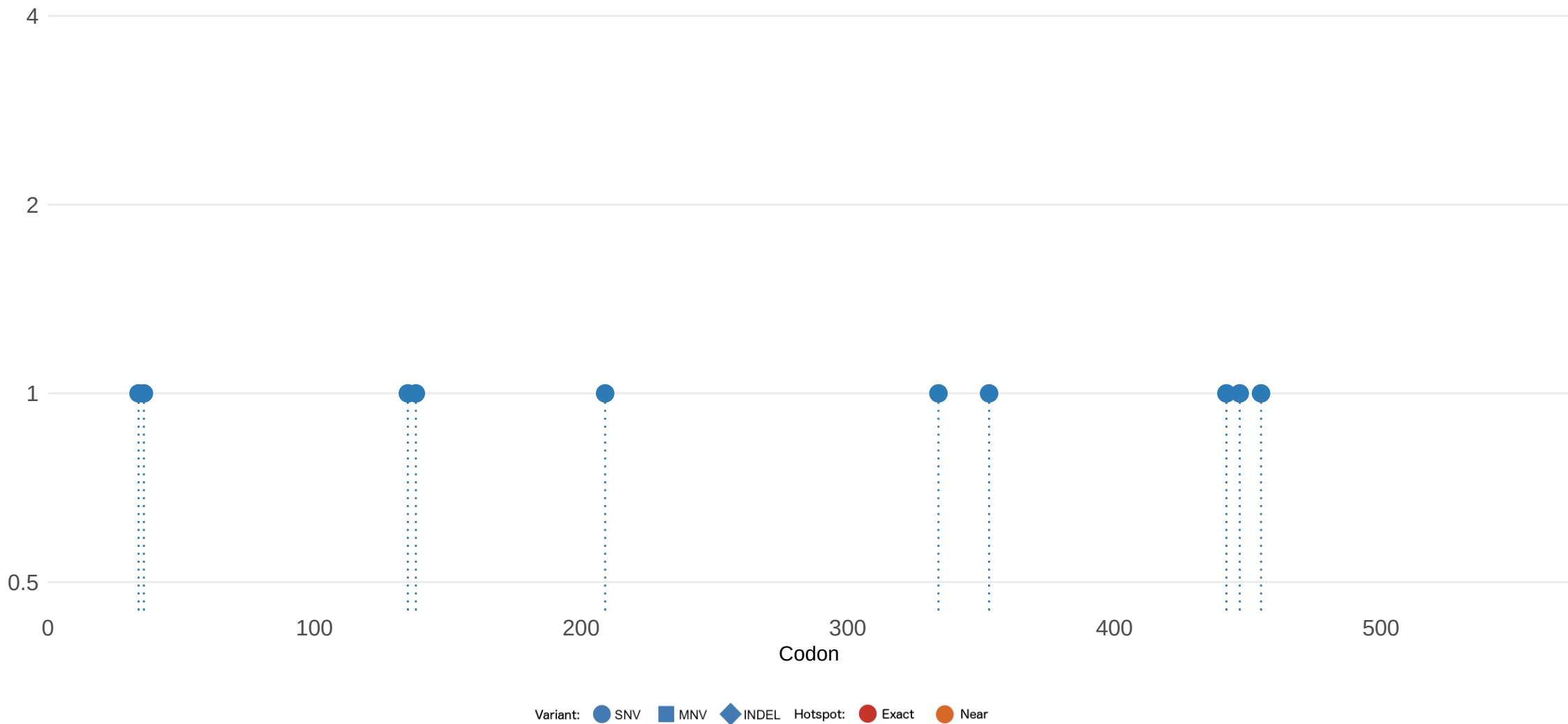
NPM1 Variants



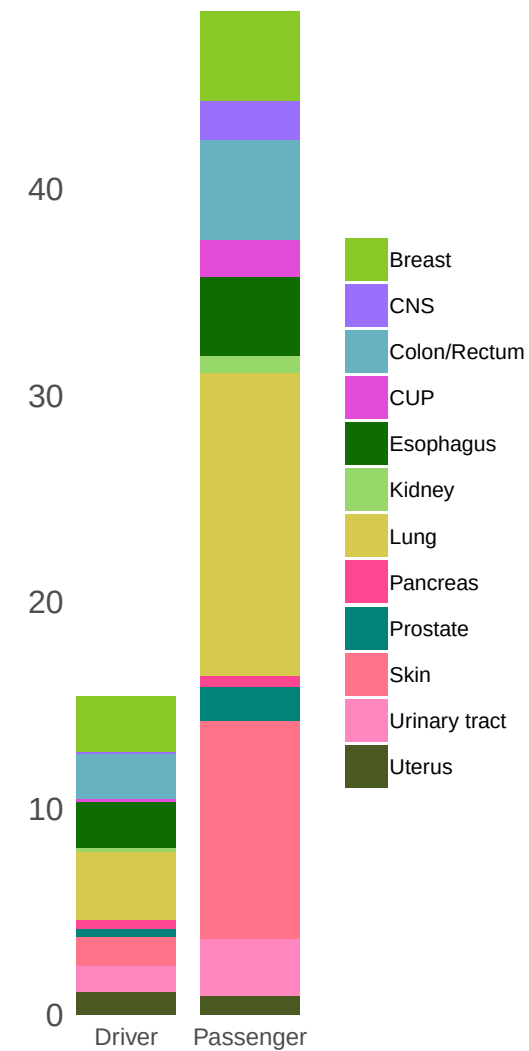
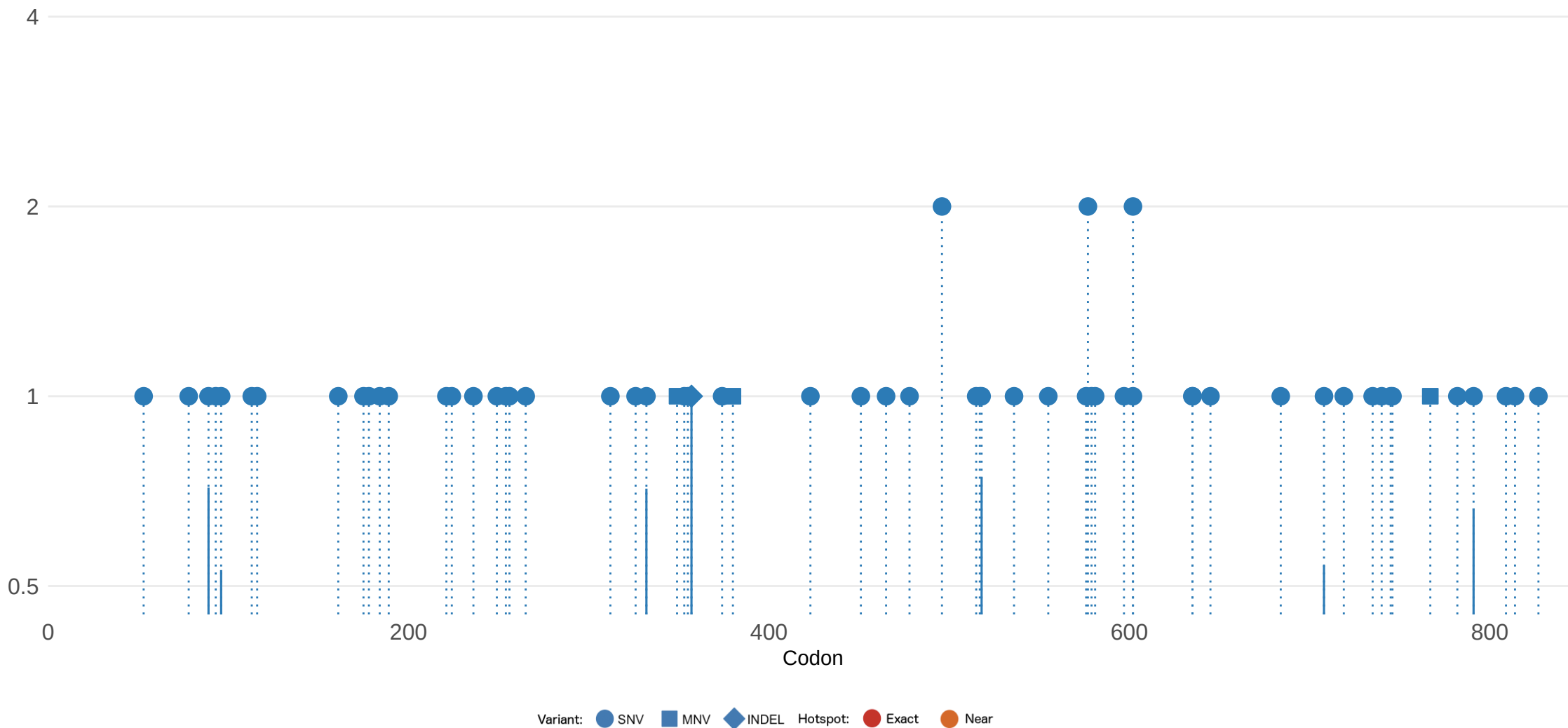
NRAS Variants



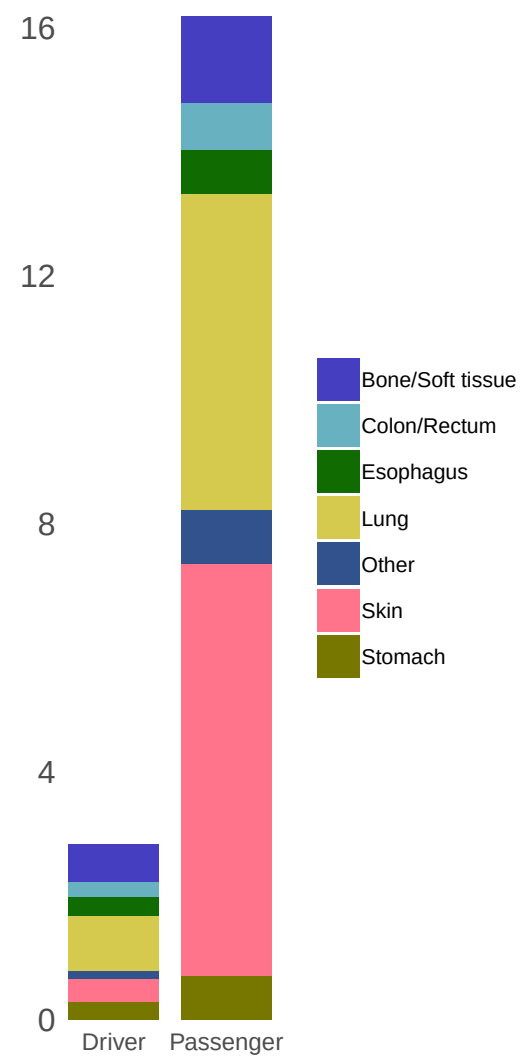
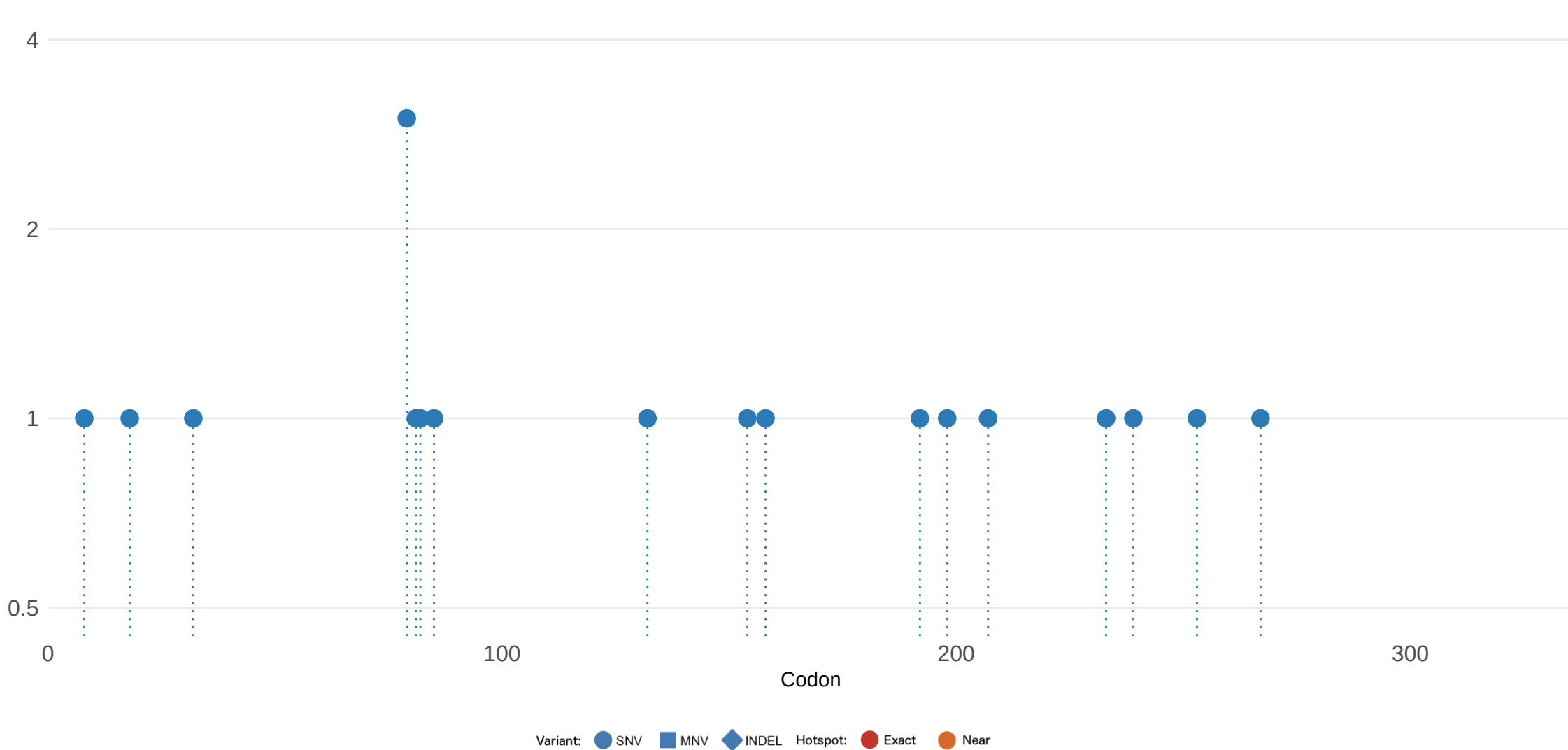
NT5C2 Variants



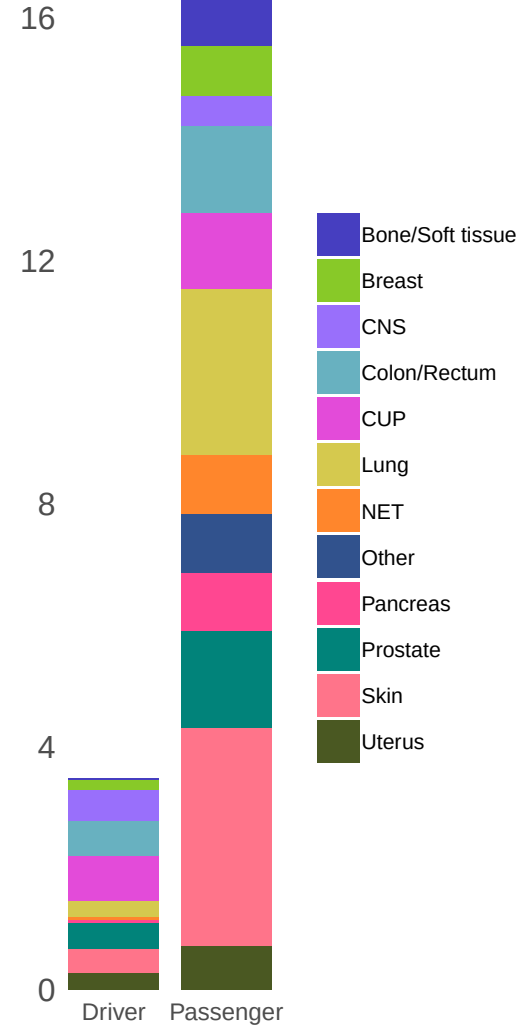
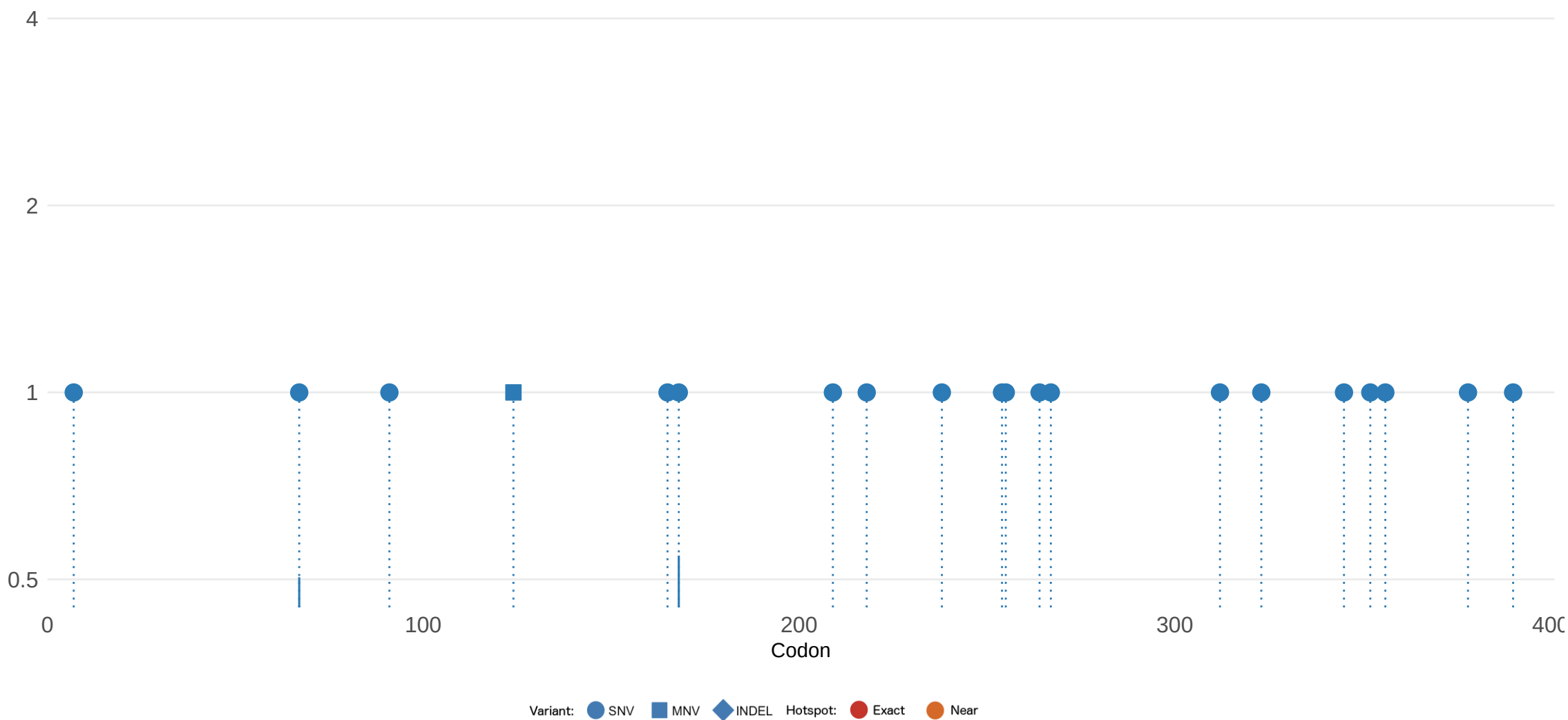
NTRK3 Variants



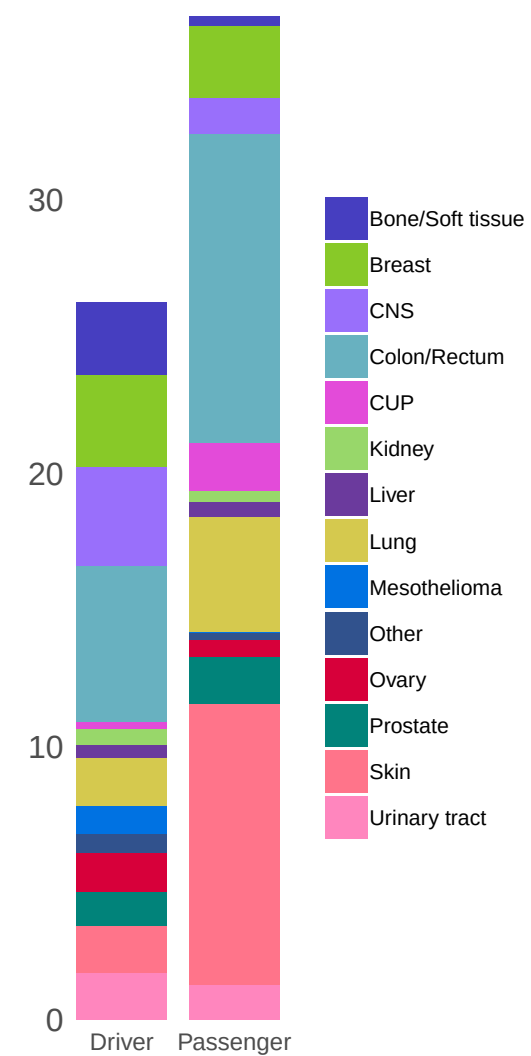
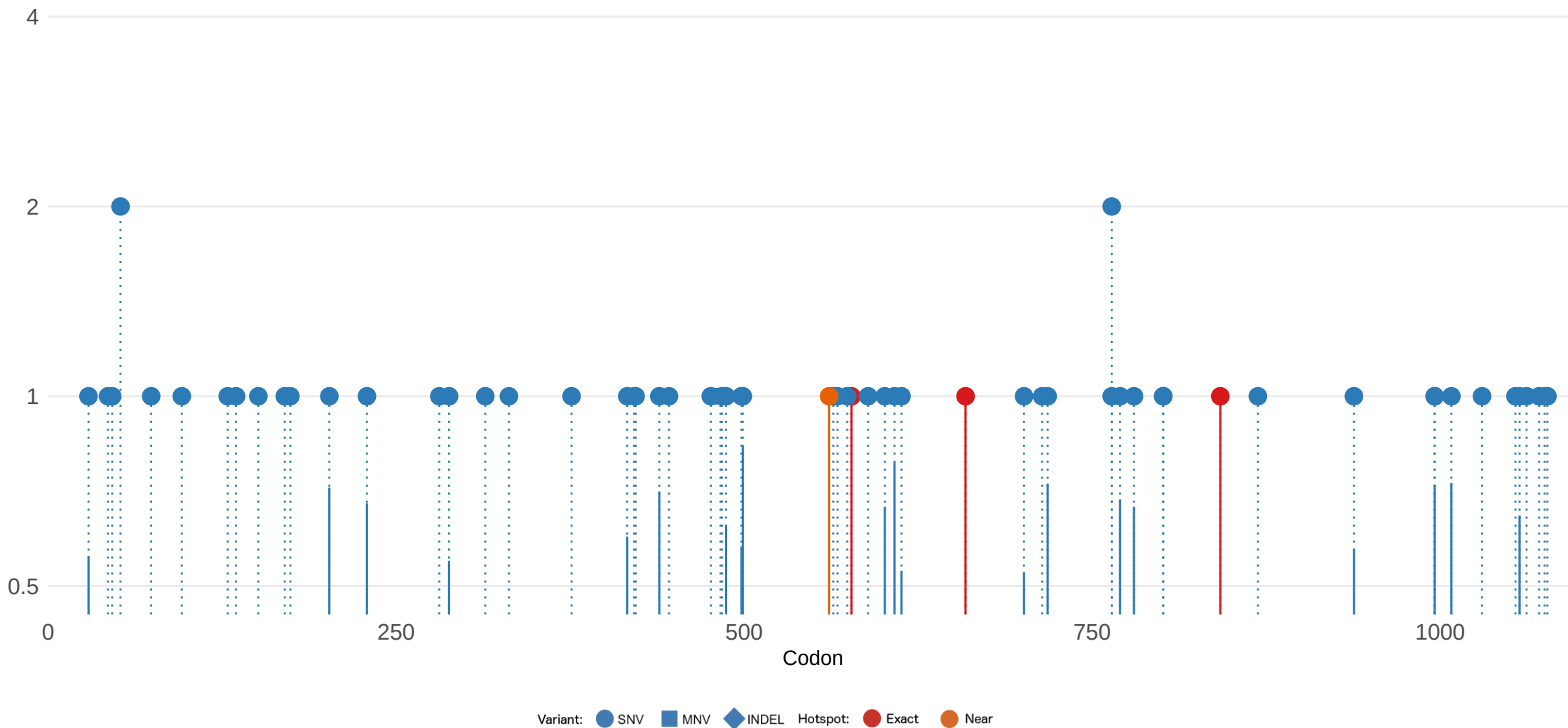
OR11H1 Variants



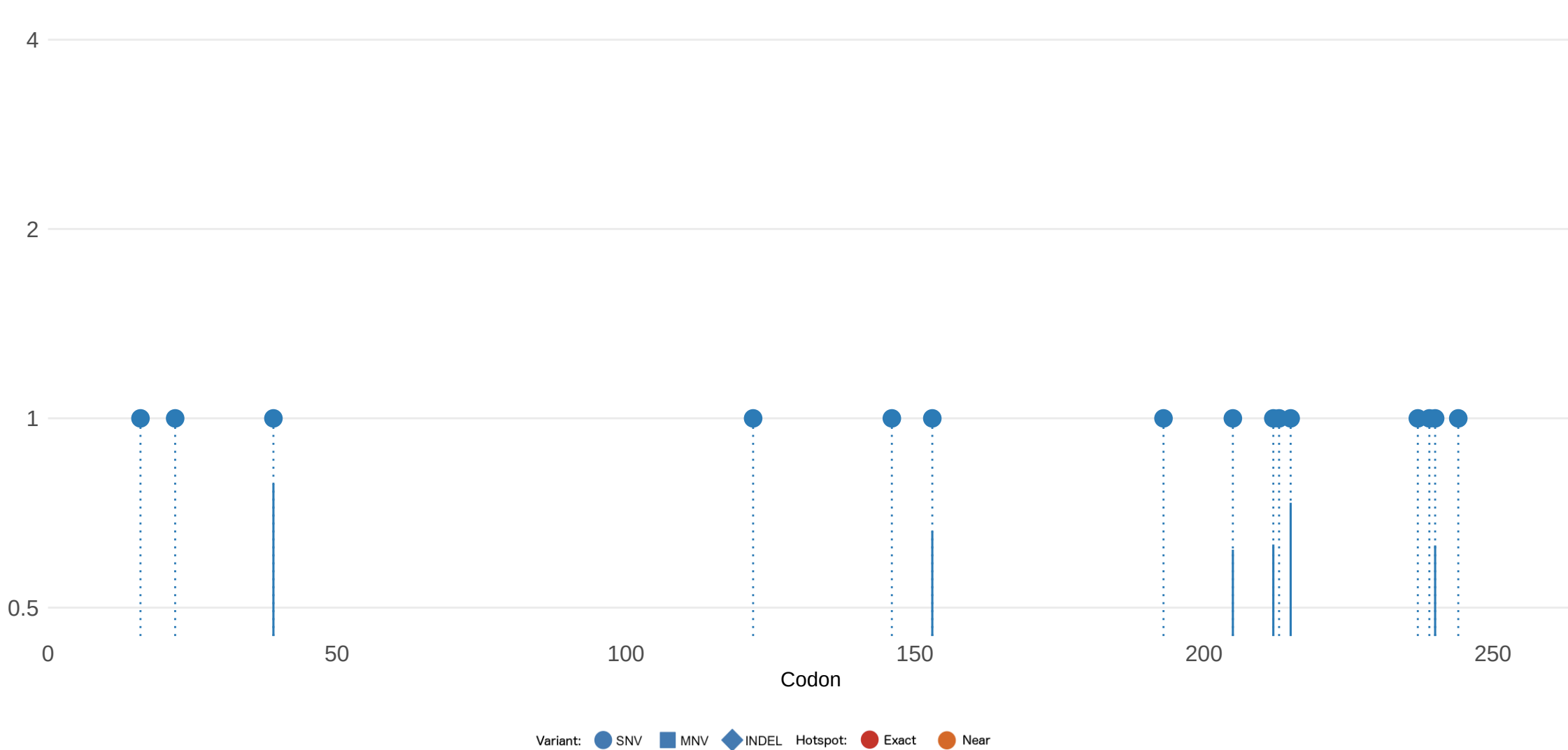
PAX5 Variants



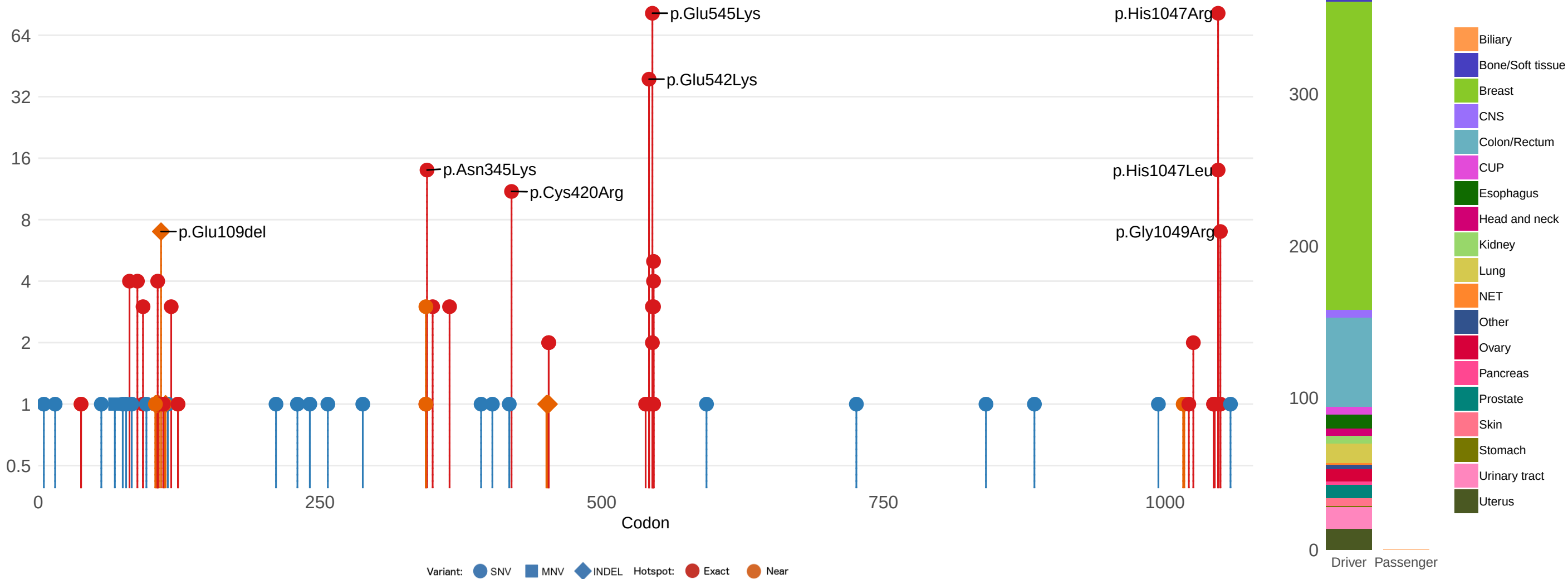
PDGFRA Variants



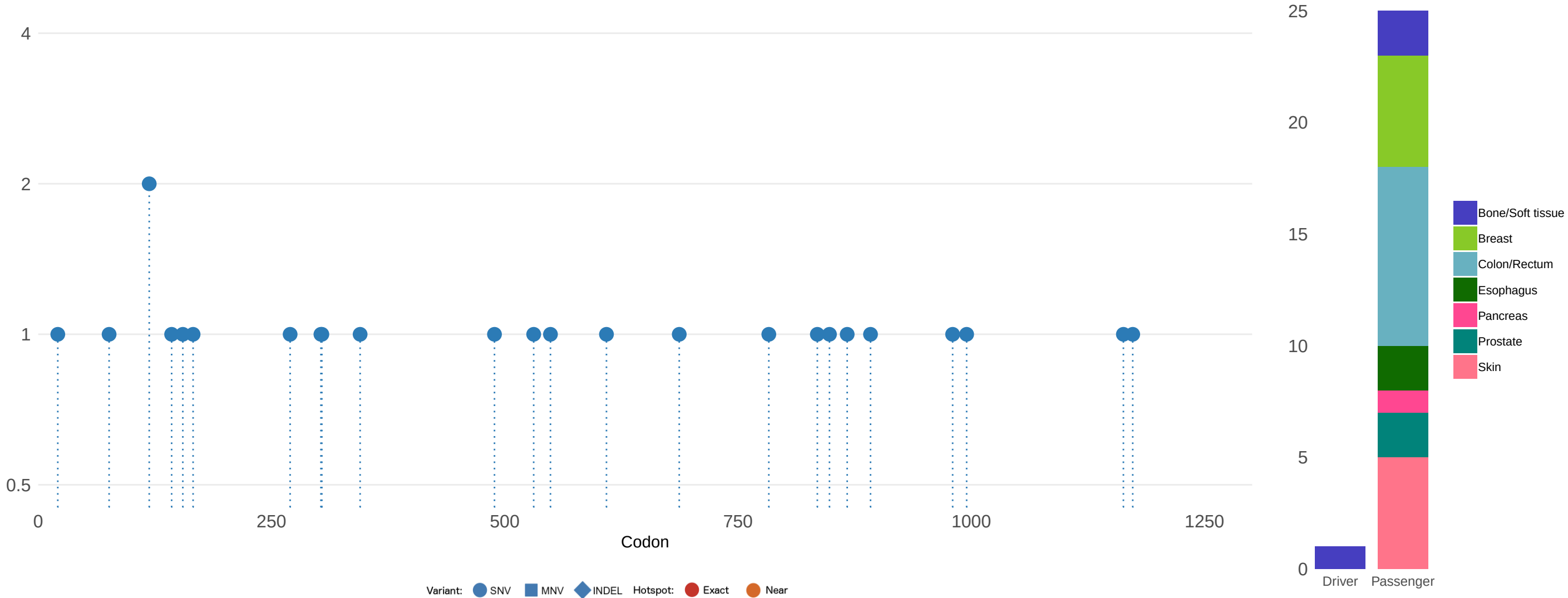
PDYN Variants



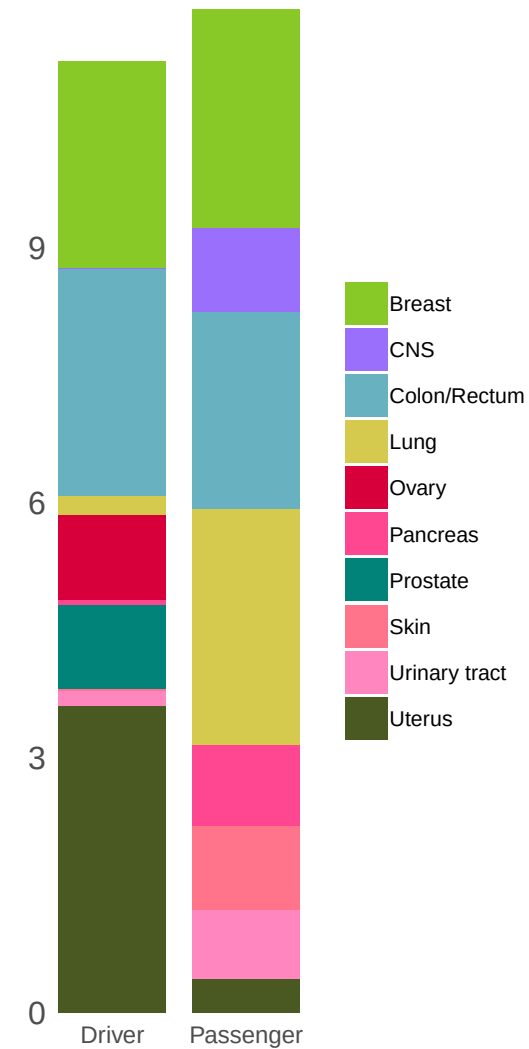
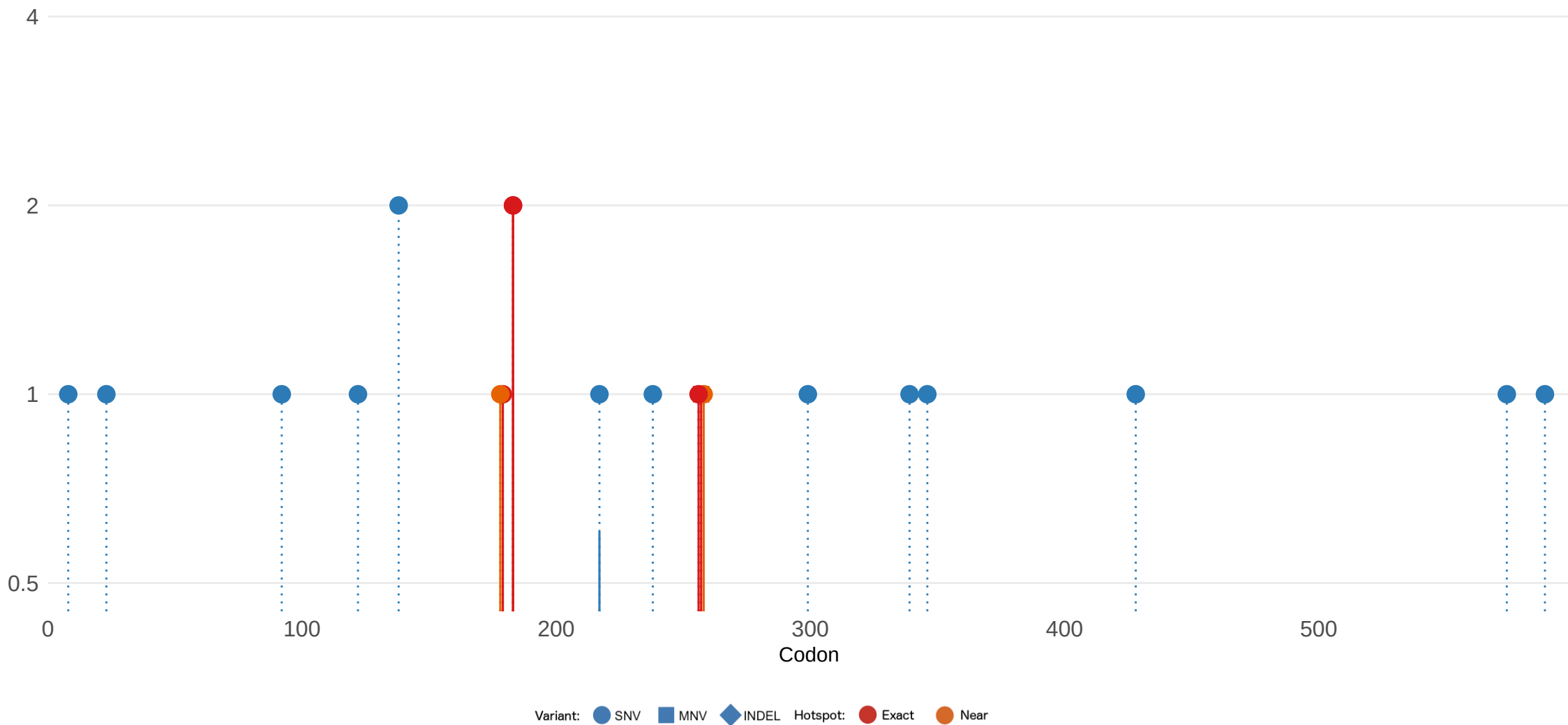
PIK3CA Variants



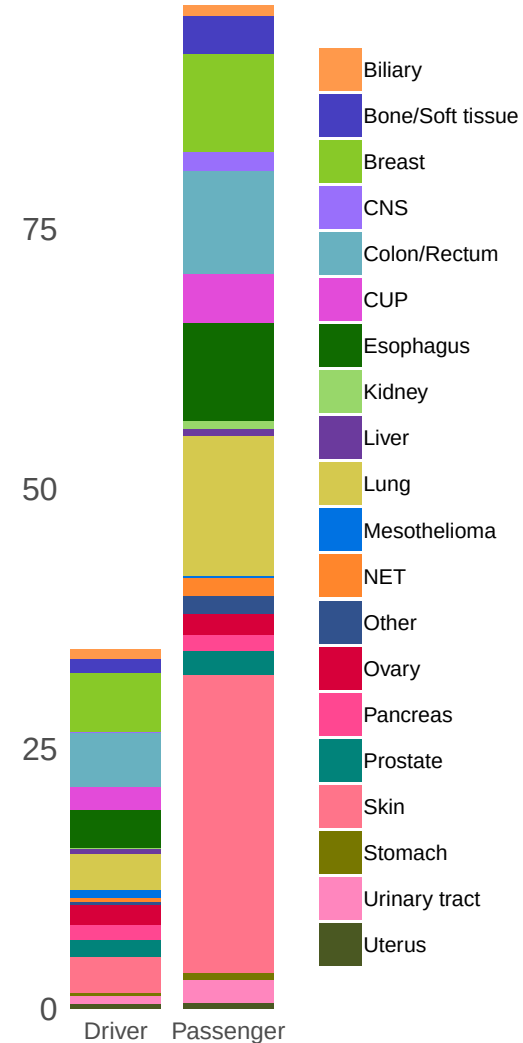
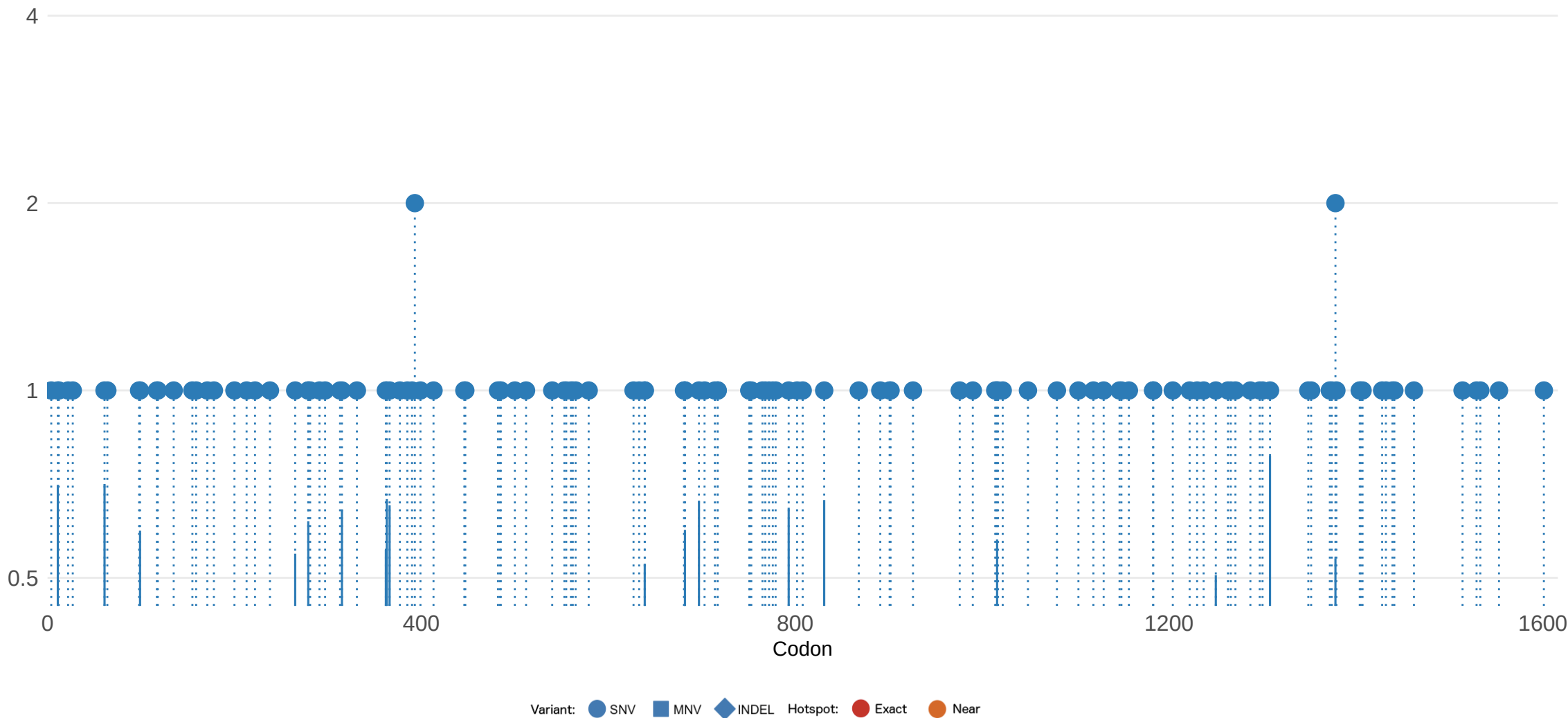
PLCG1 Variants



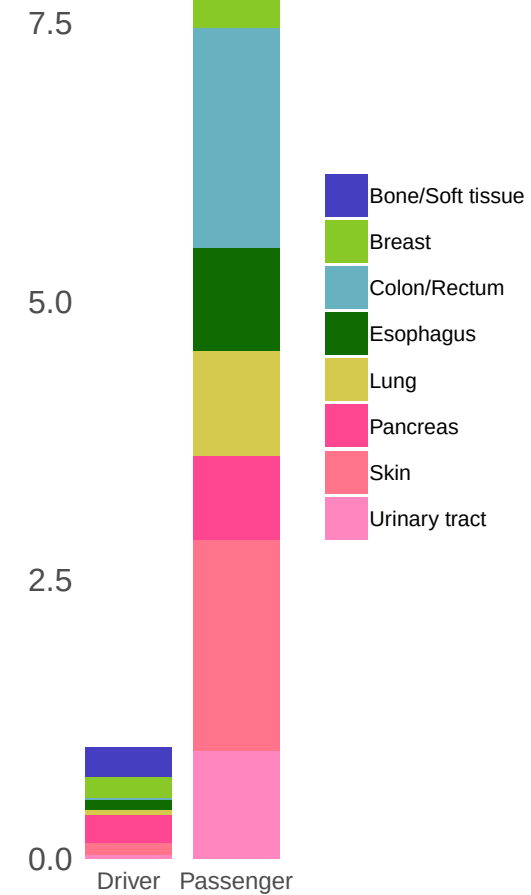
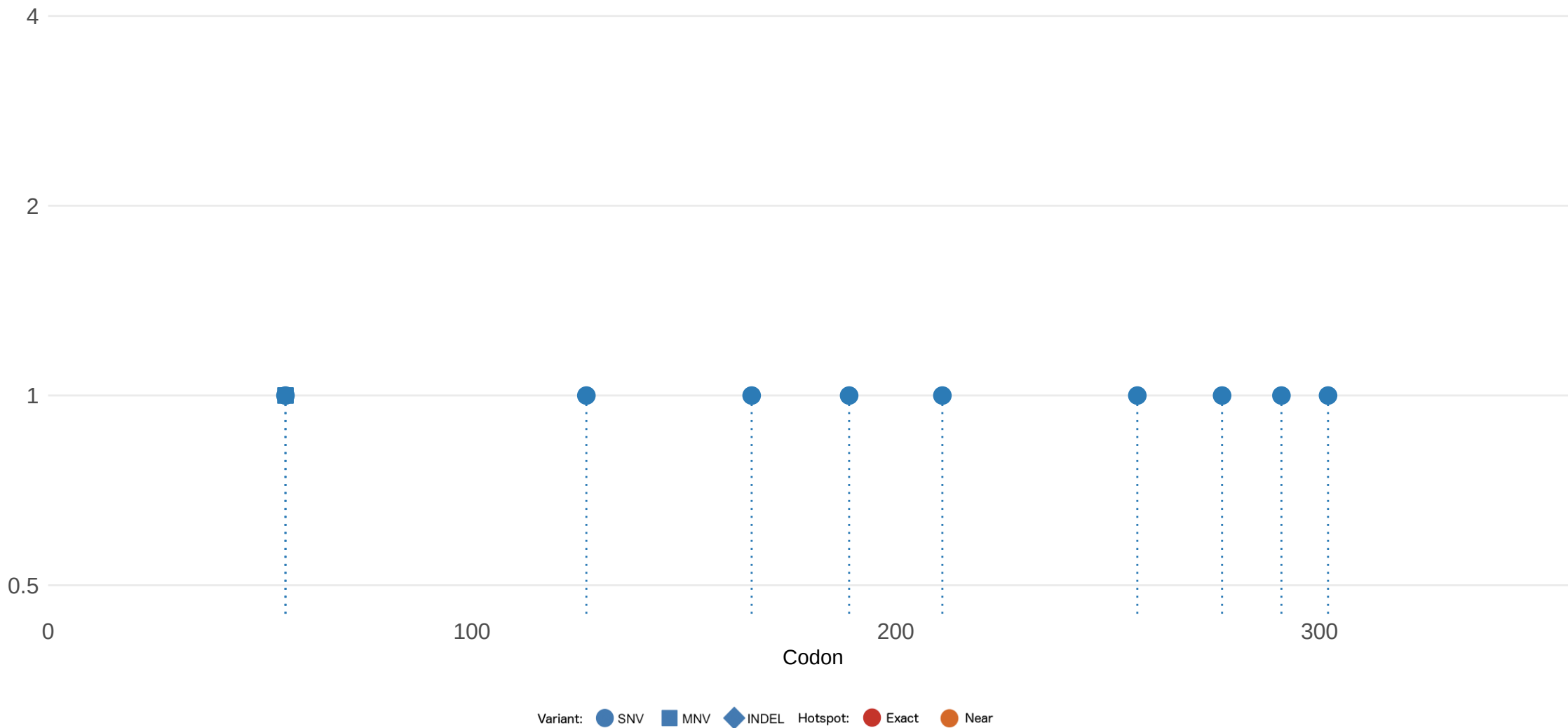
PPP2R1A Variants



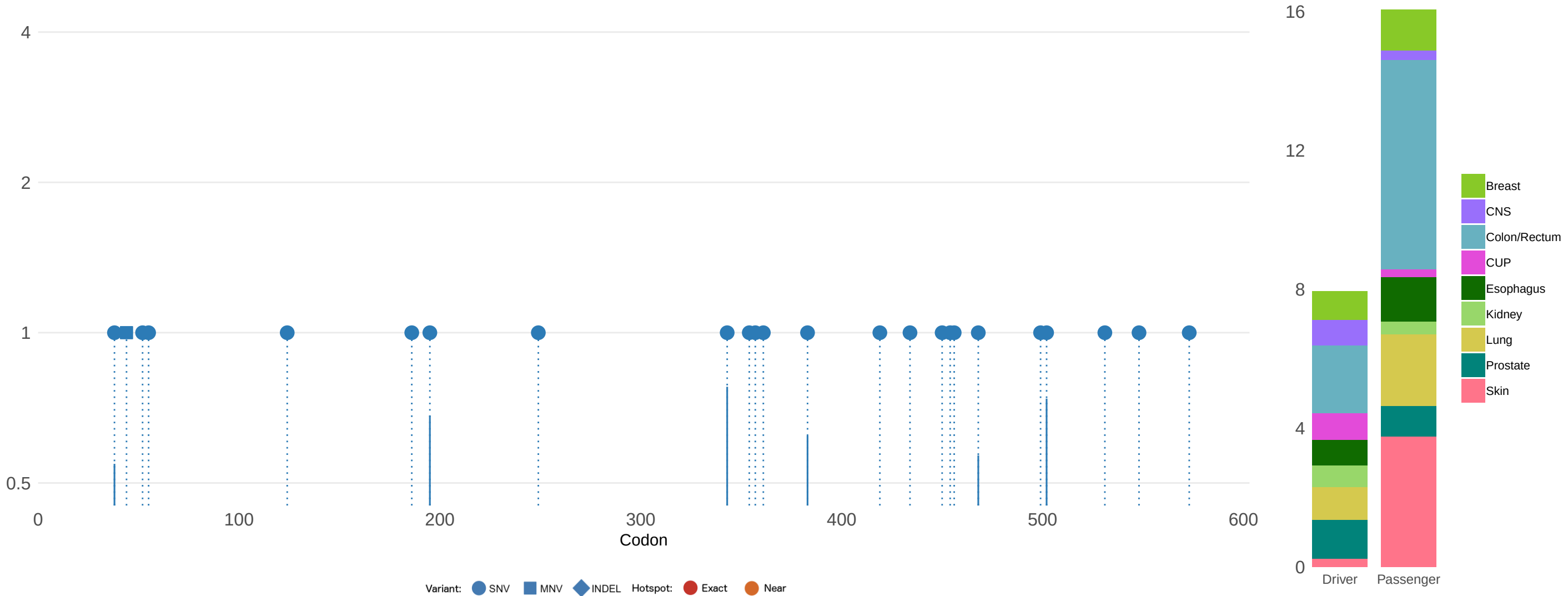
PREX2 Variants



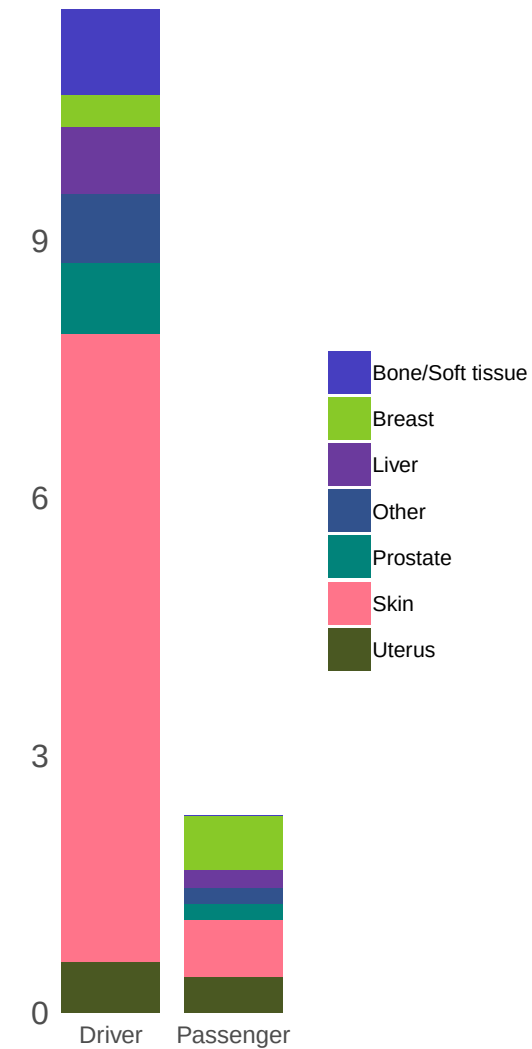
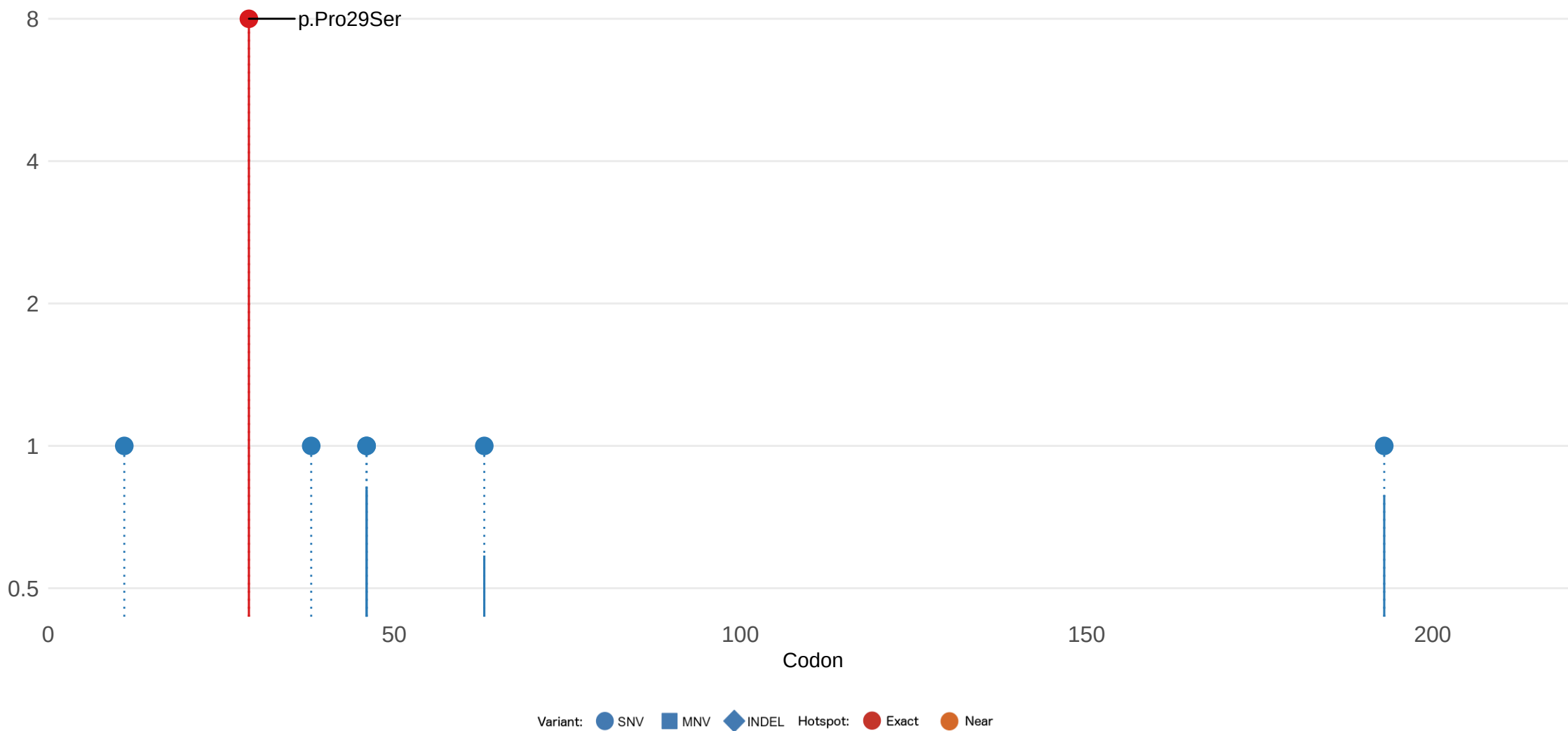
PRKACA Variants



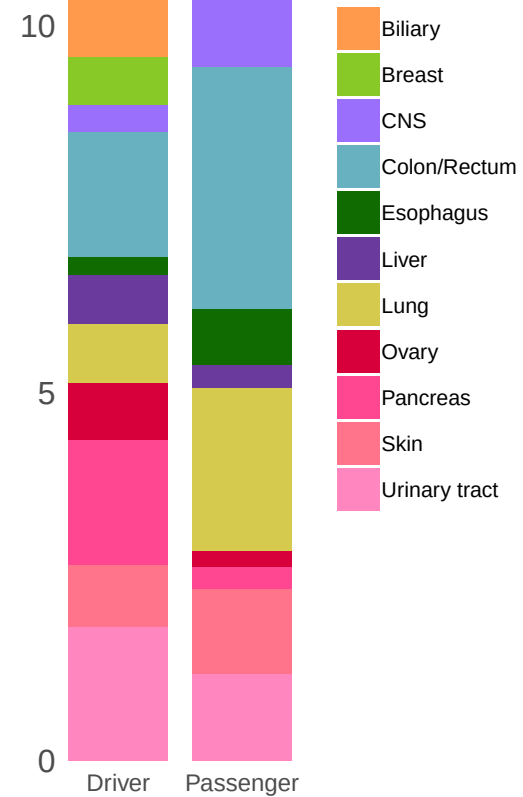
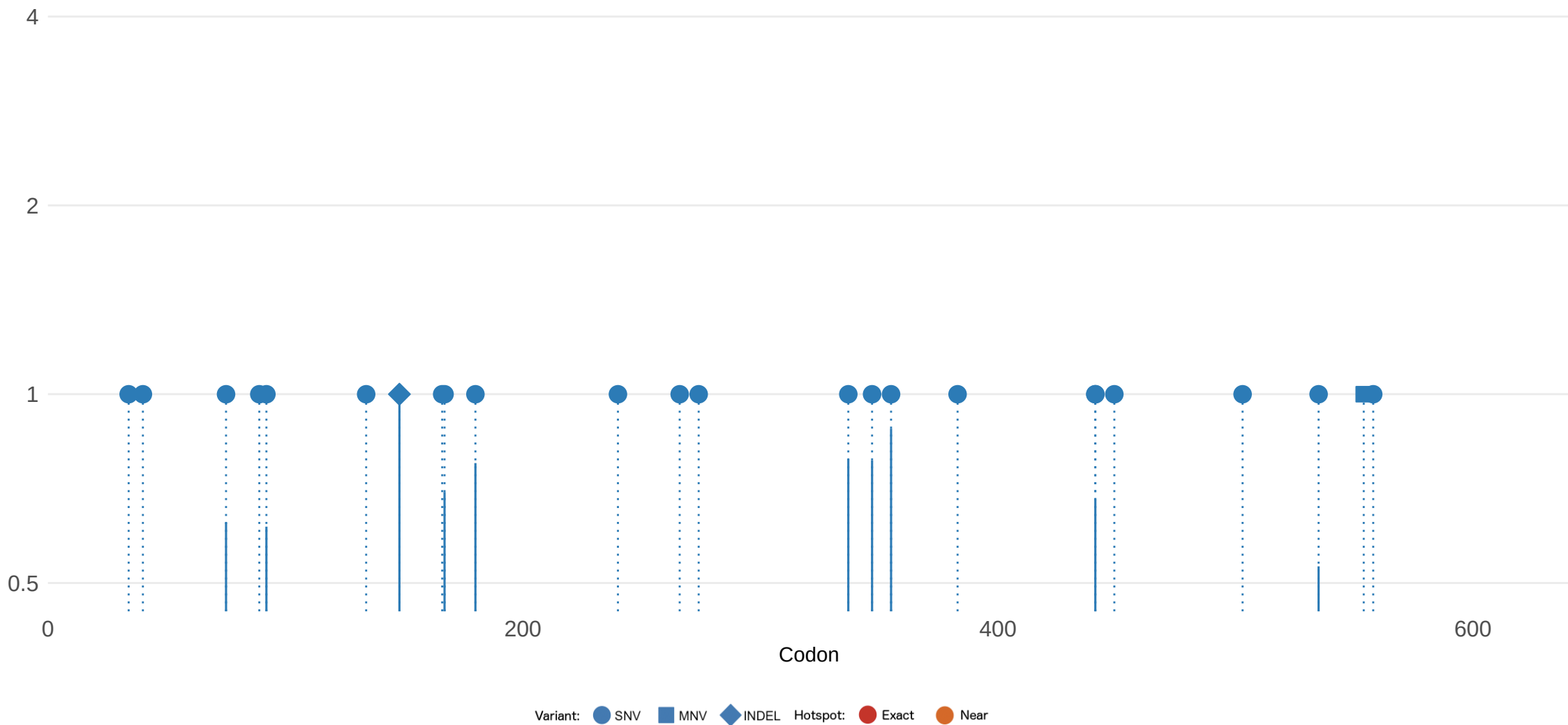
PTPN11 Variants



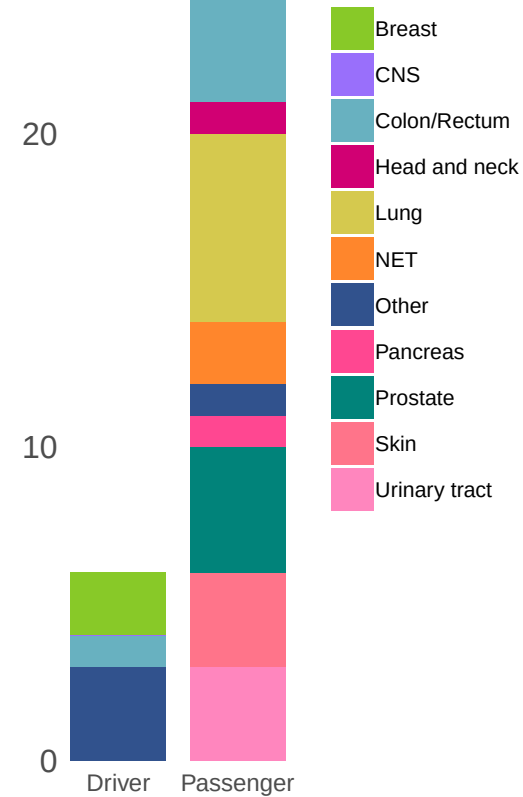
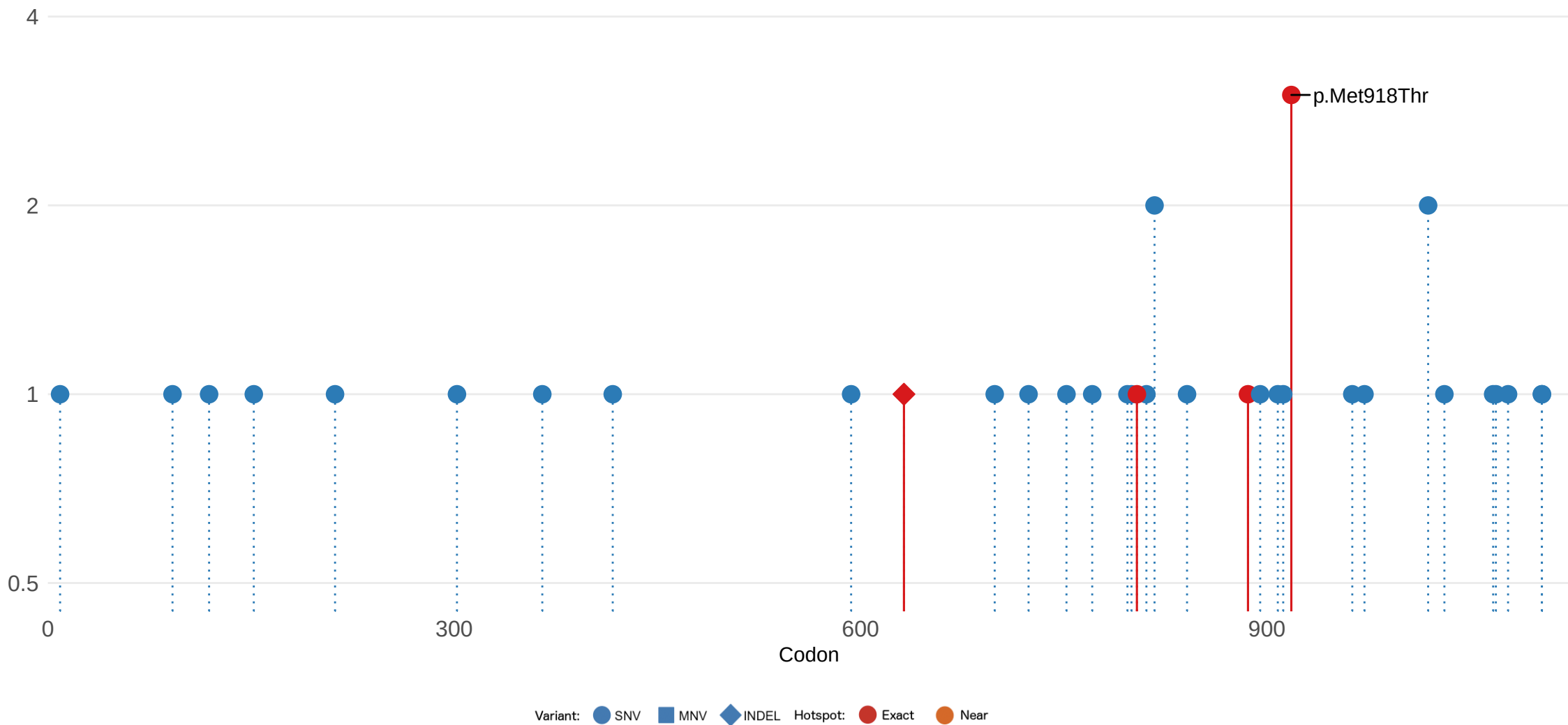
RAC1 Variants



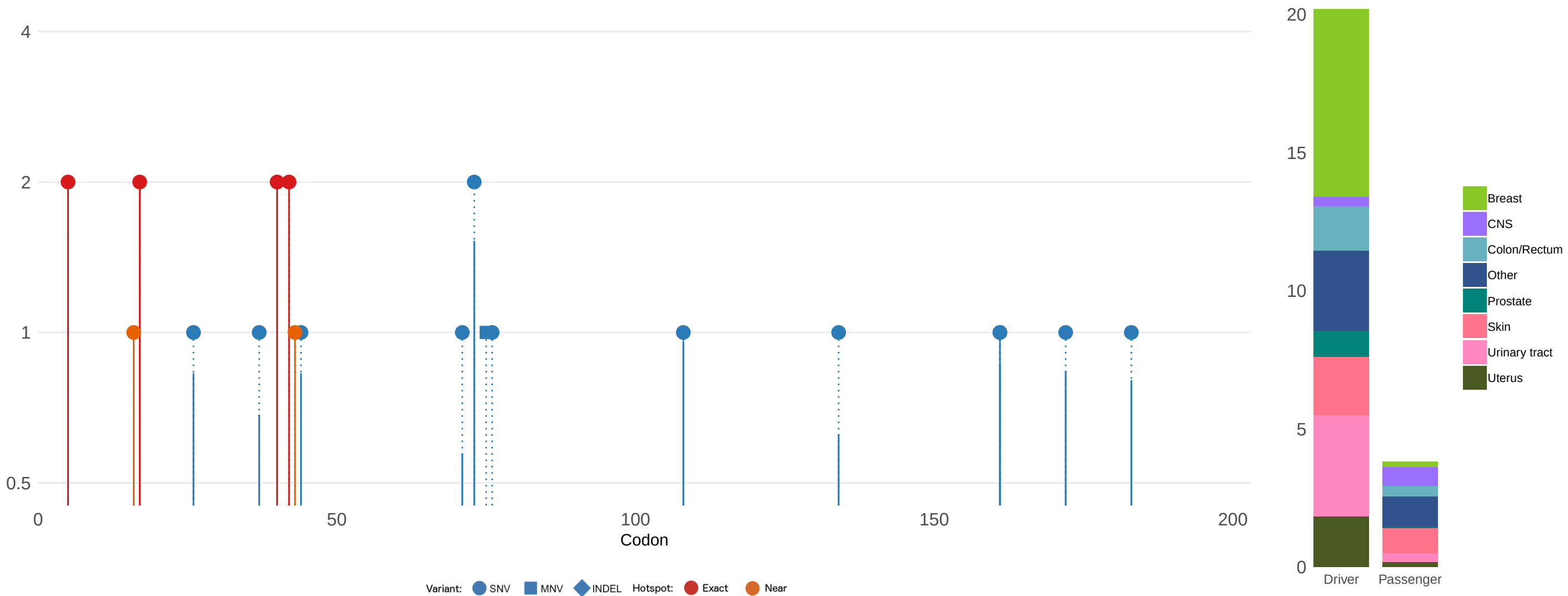
RAD21 Variants



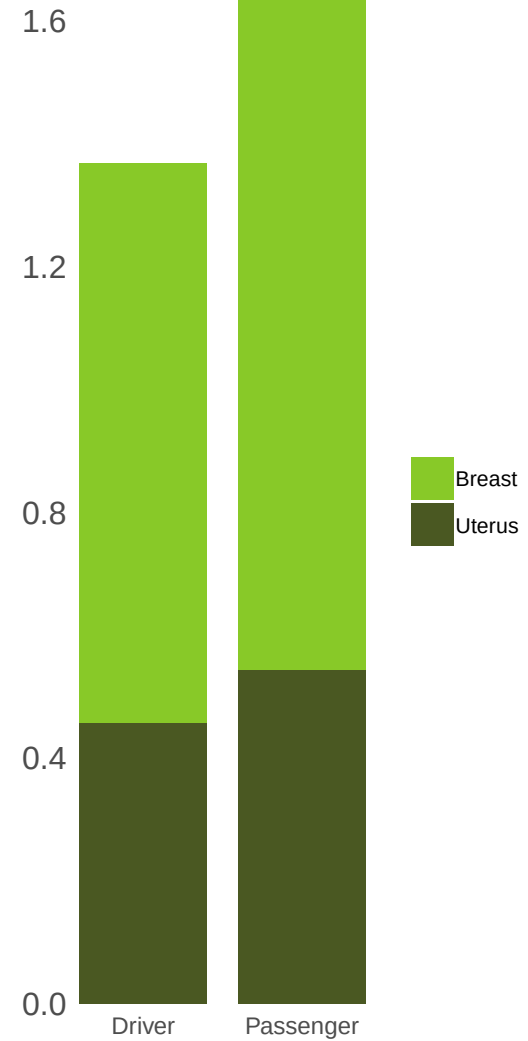
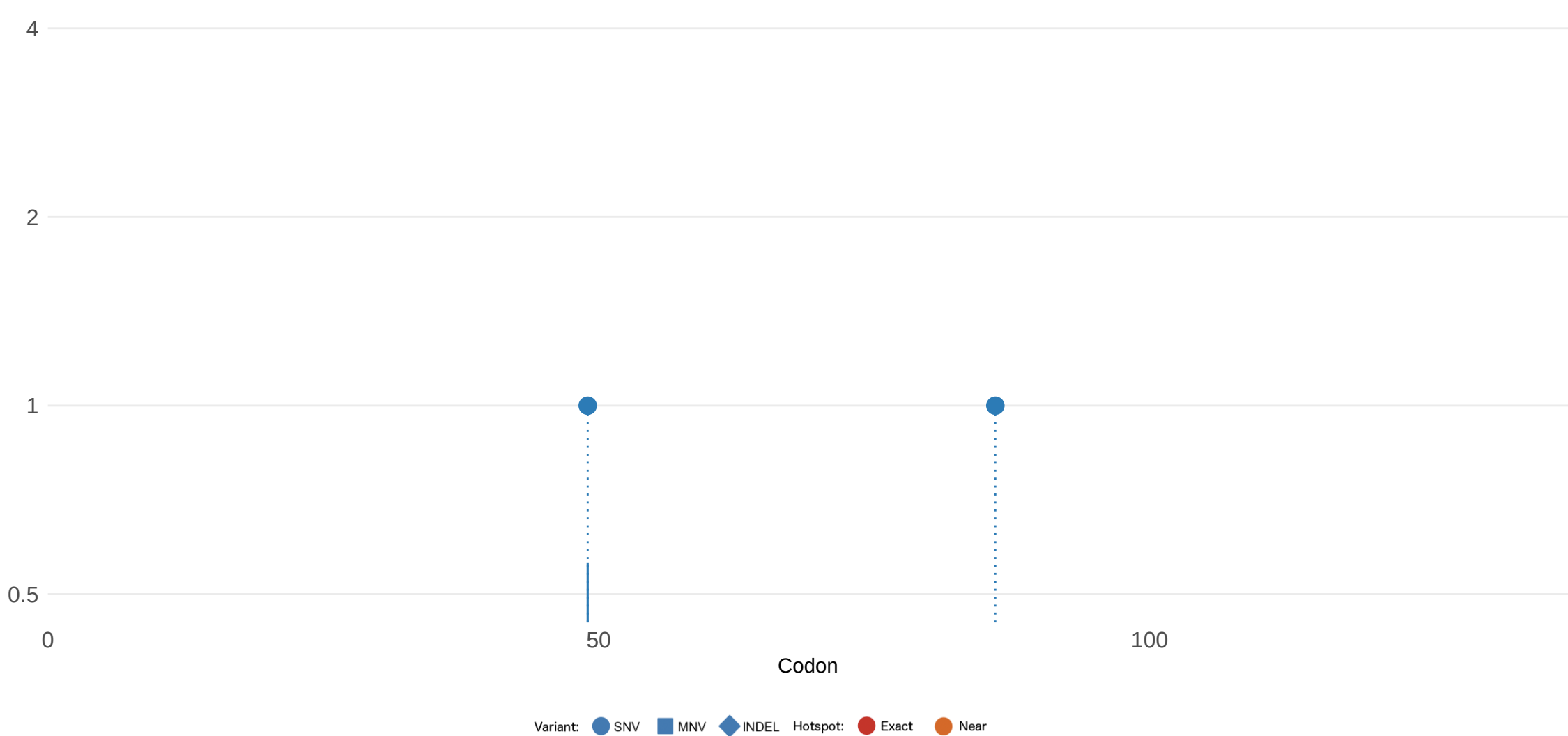
RET Variants



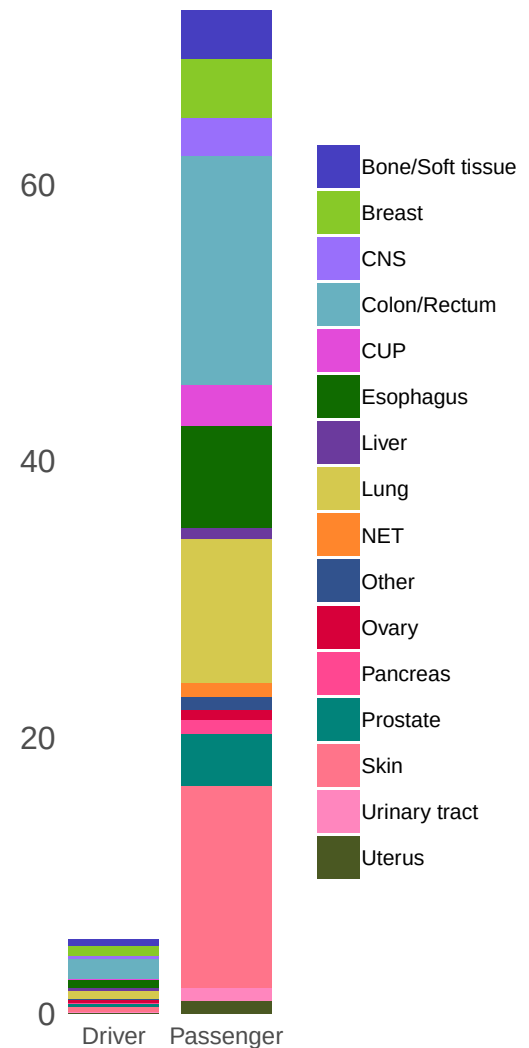
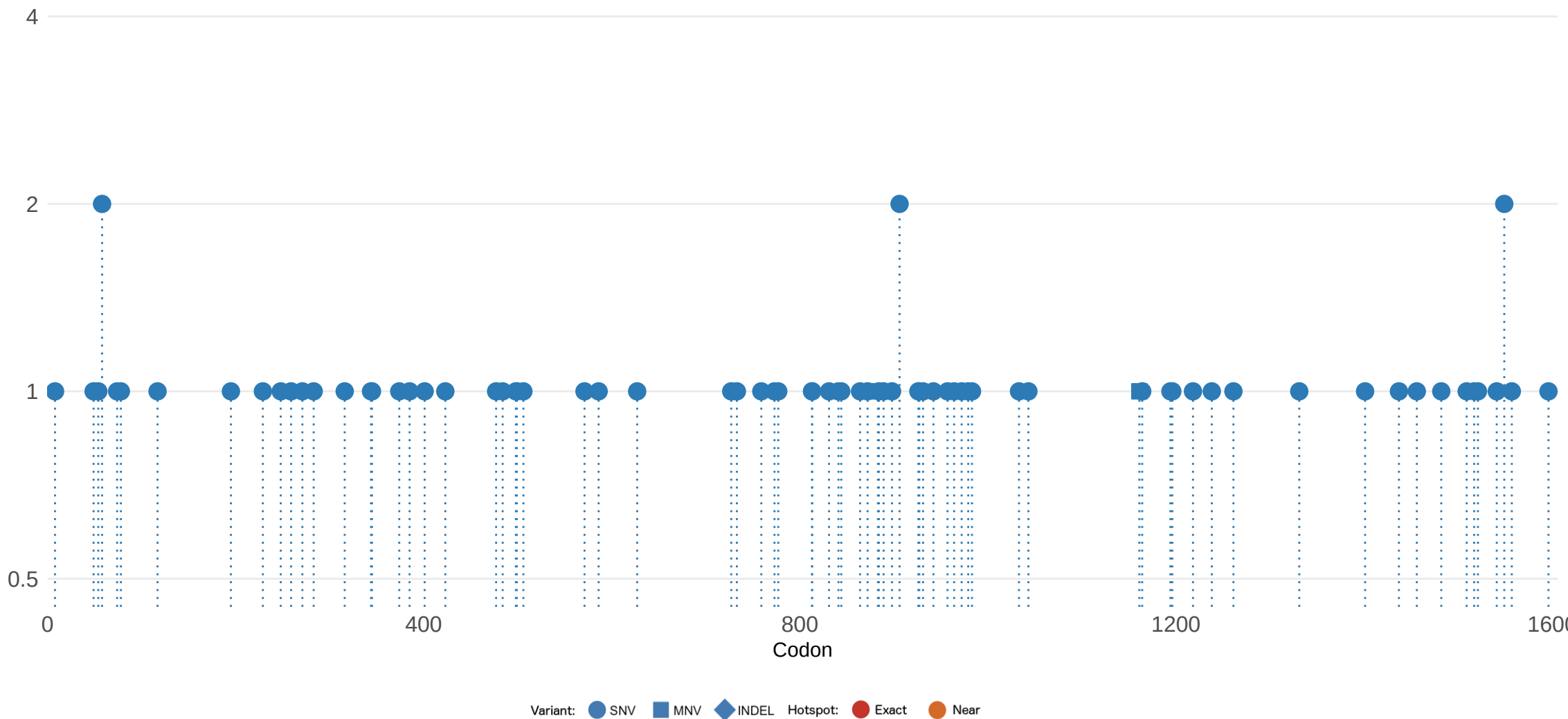
RHOA Variants



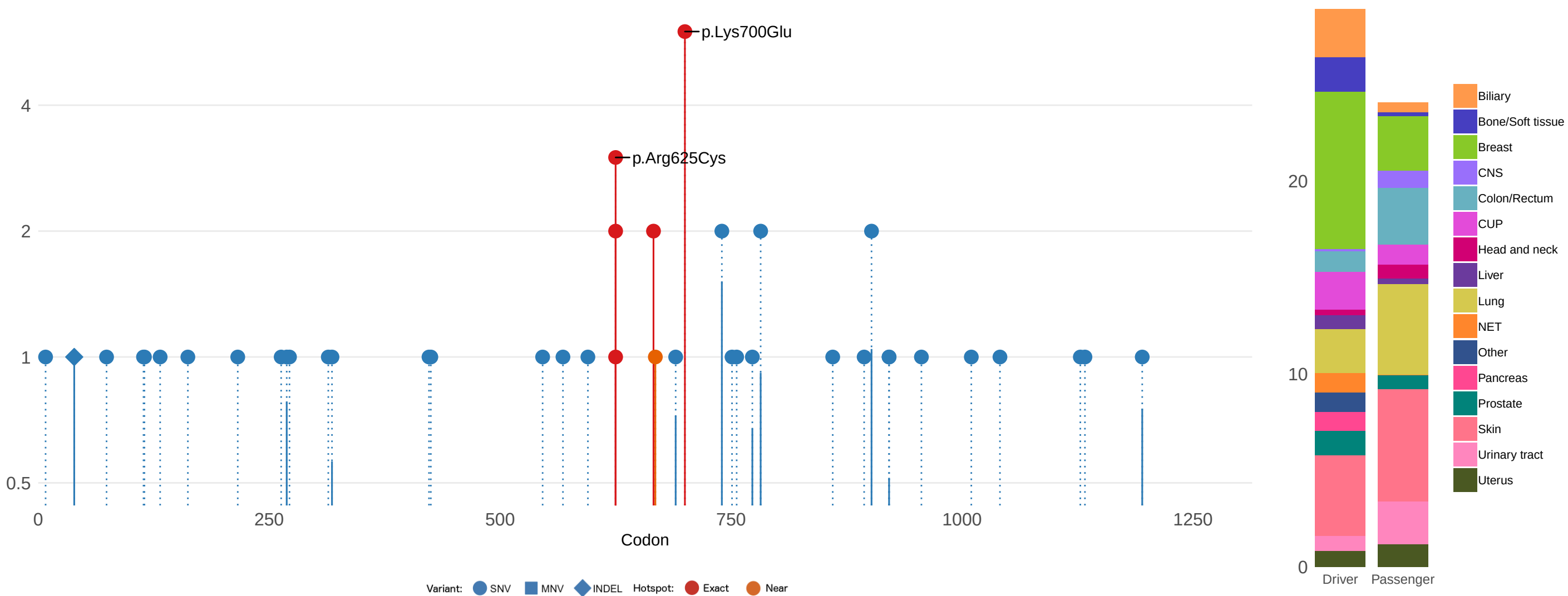
RPL22 Variants



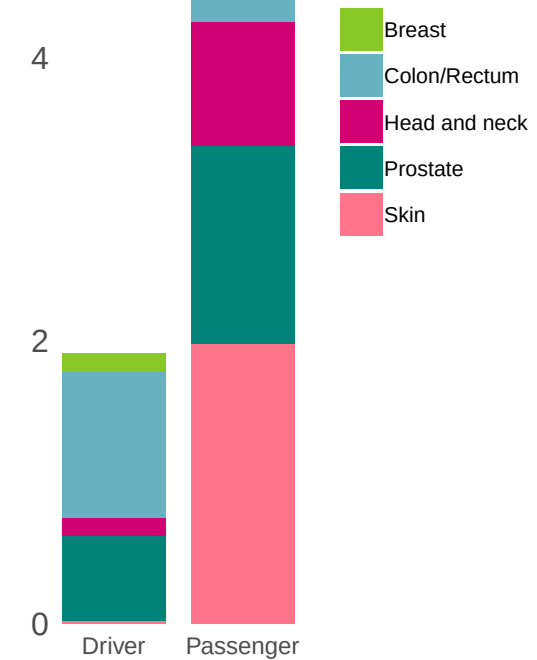
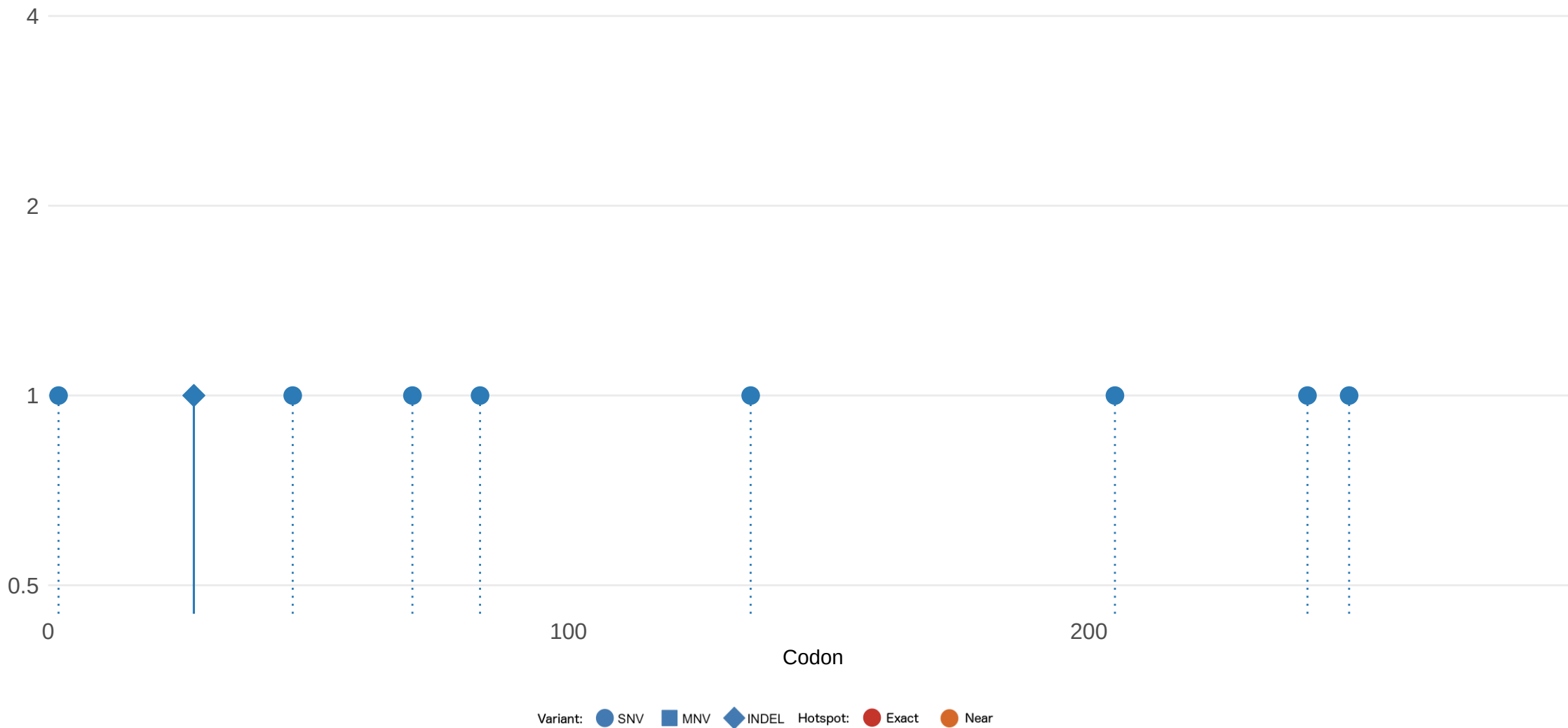
SETBP1 Variants



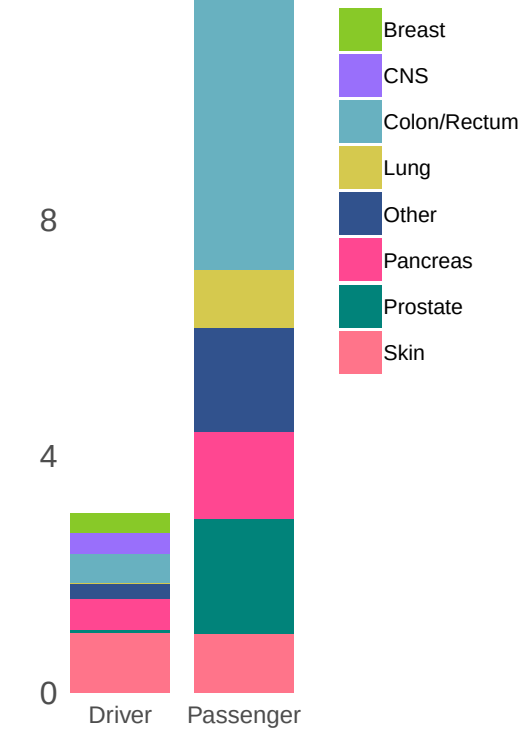
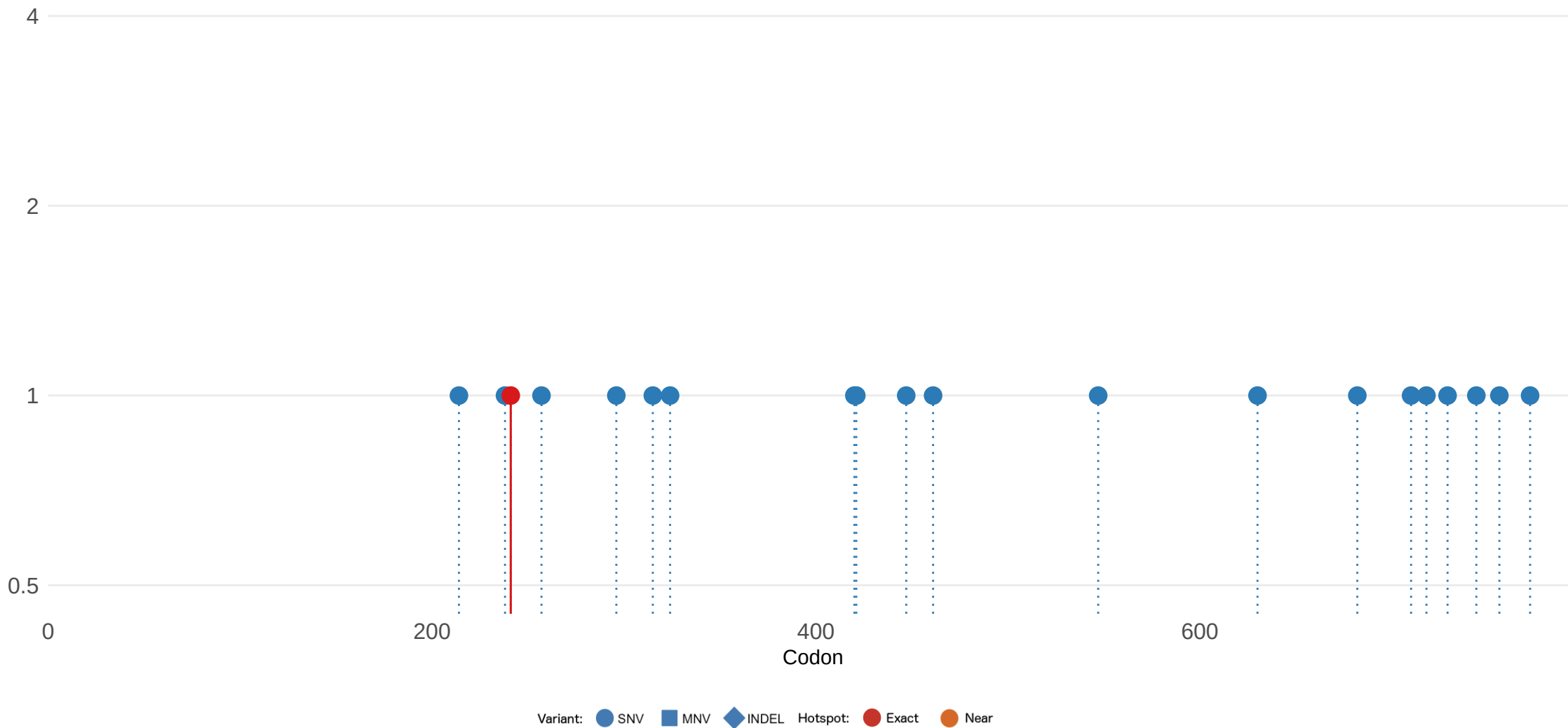
SF3B1 Variants



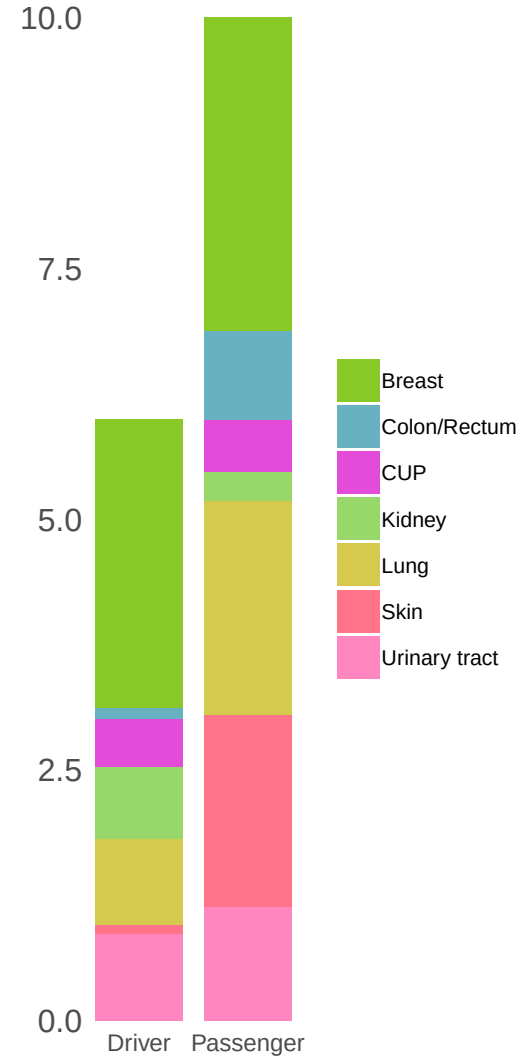
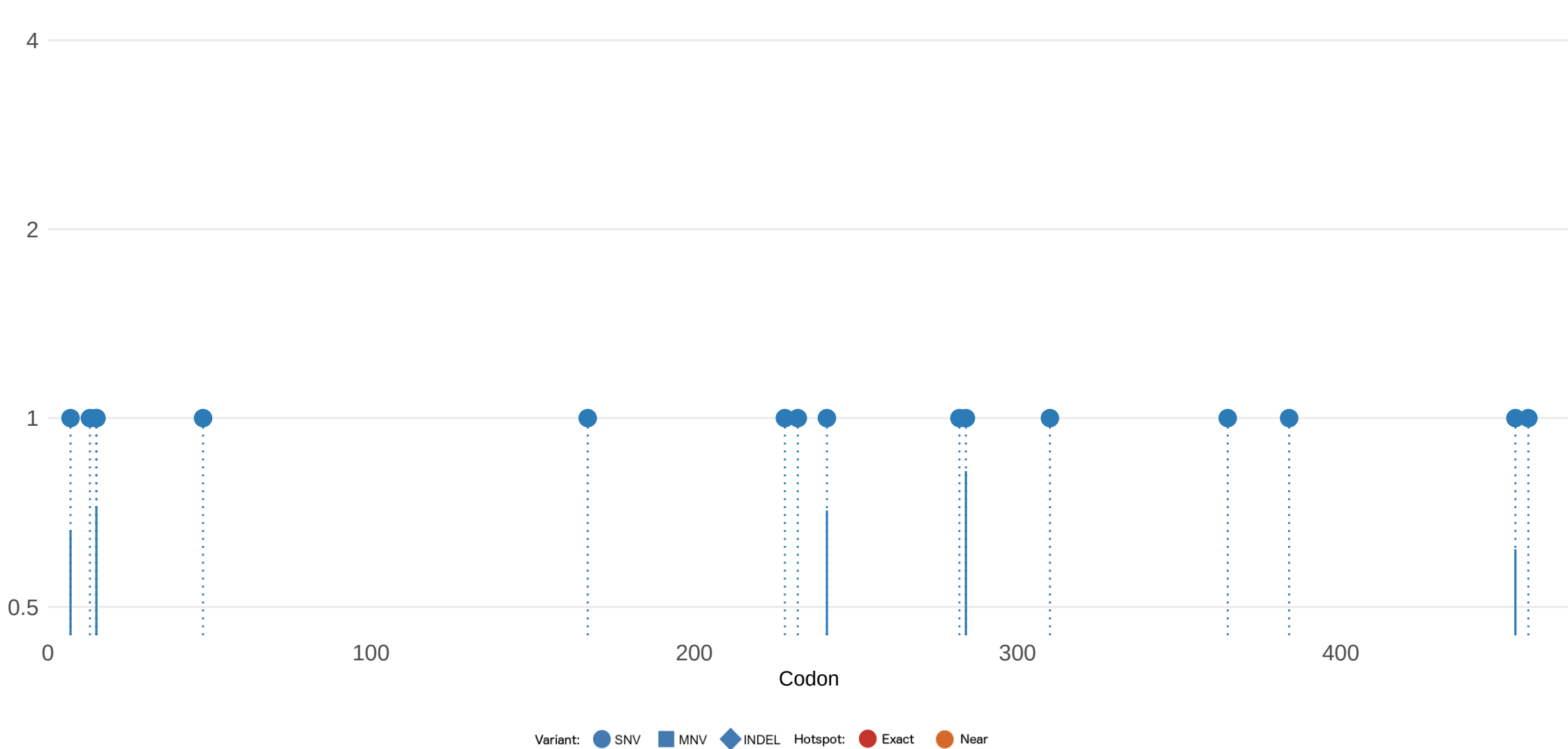
SIX1 Variants



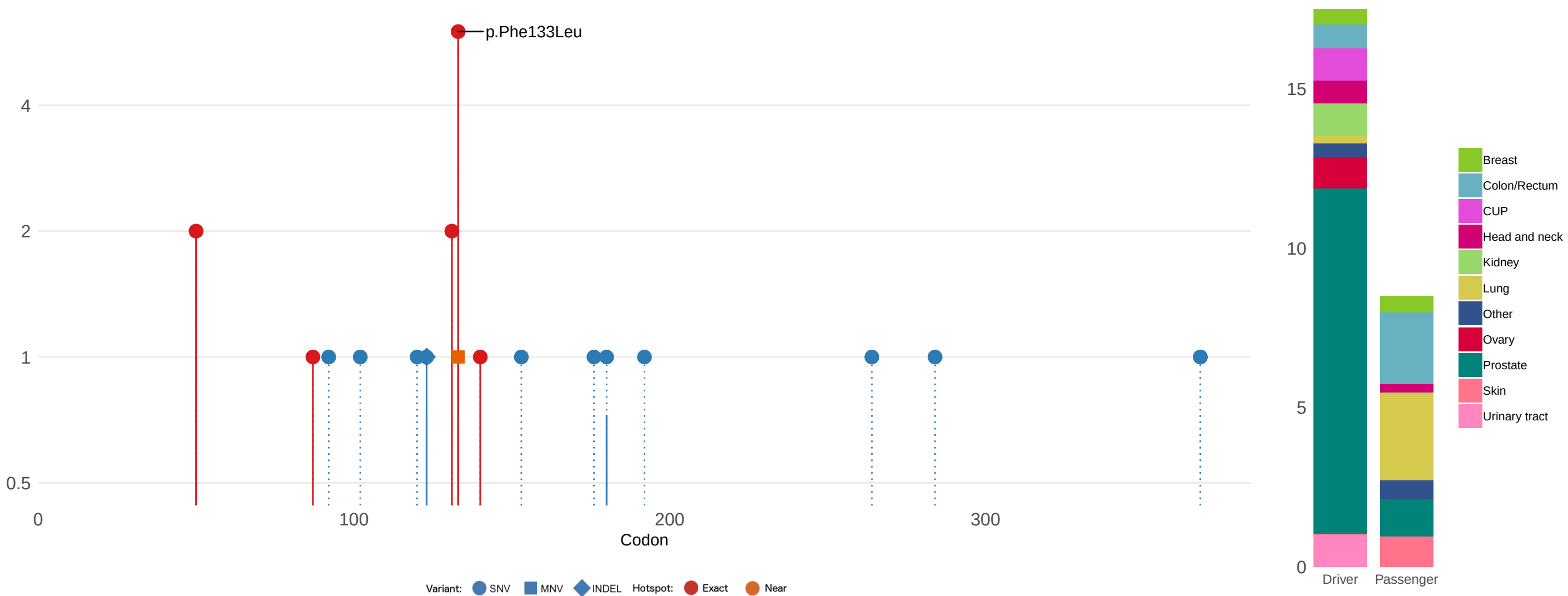
SMO Variants



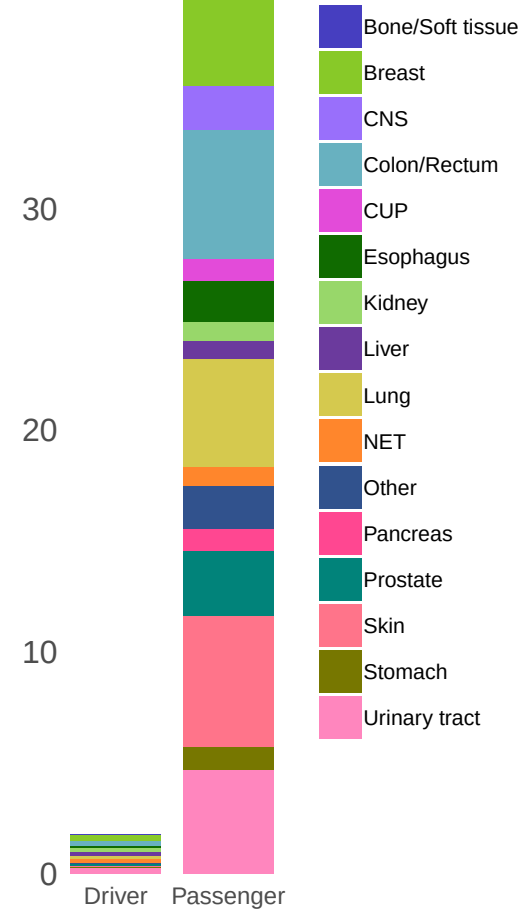
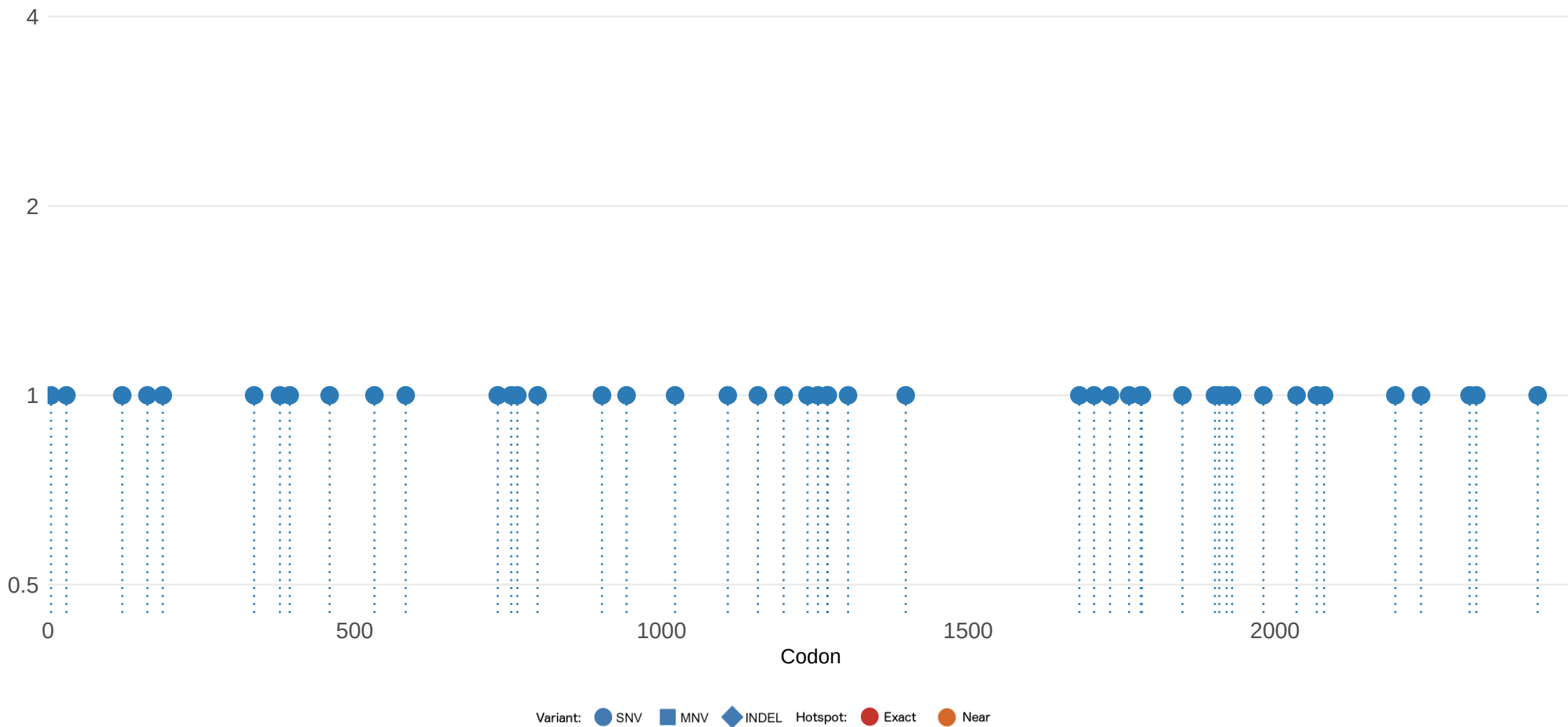
SMTNL2 Variants



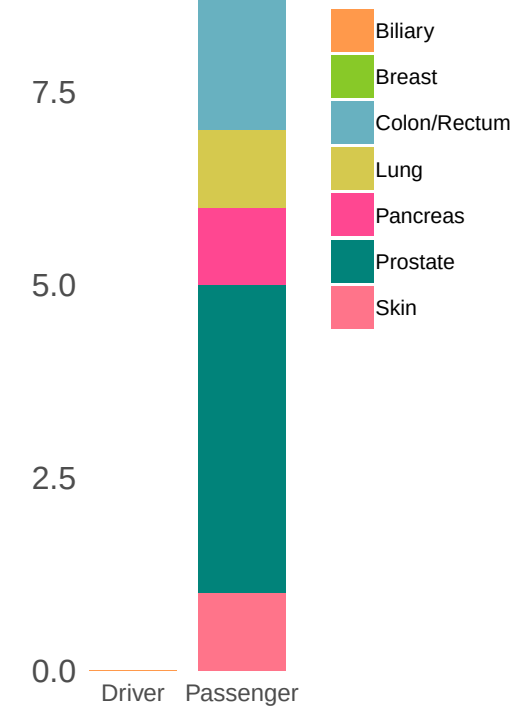
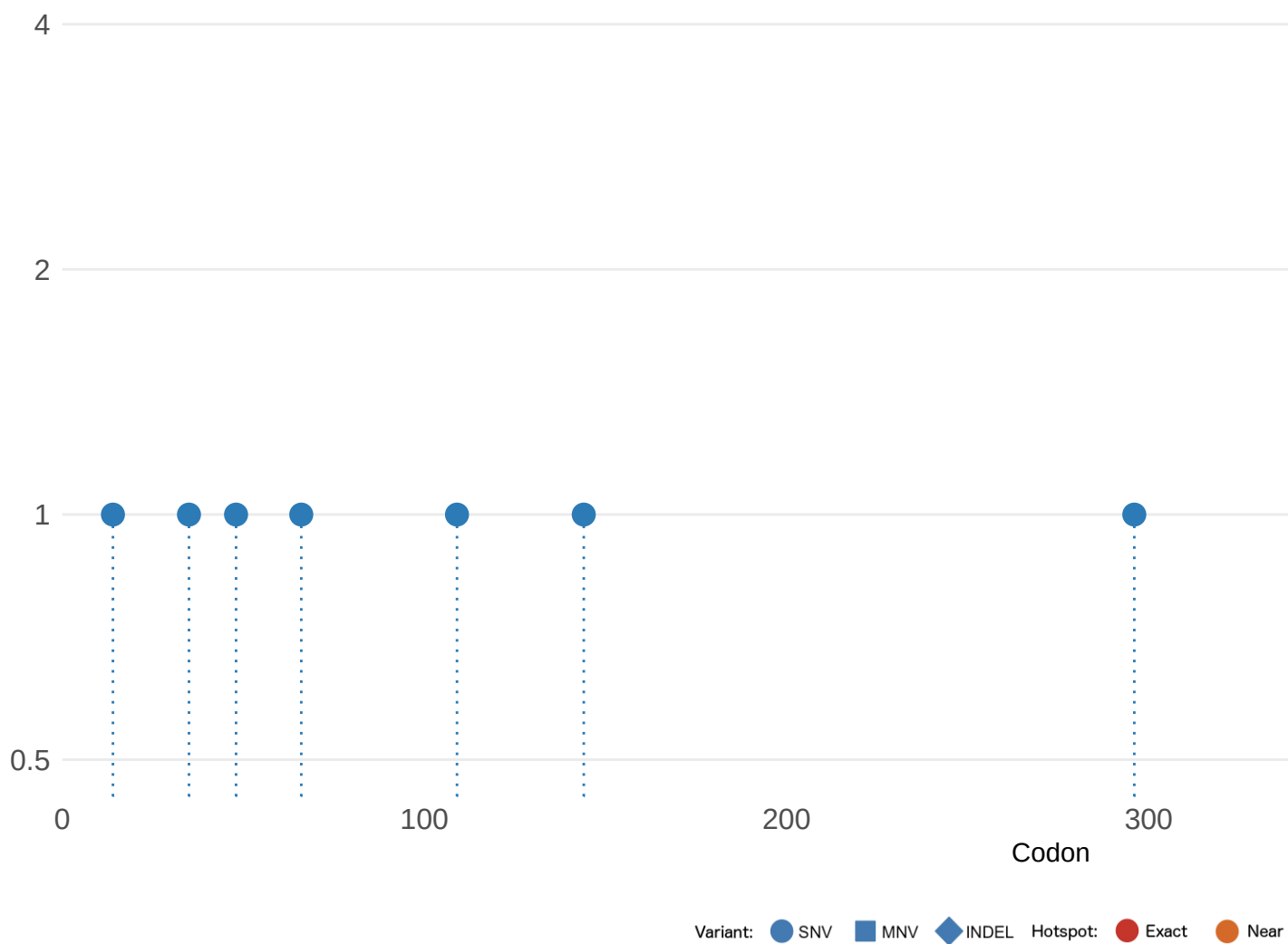
SPOP Variants



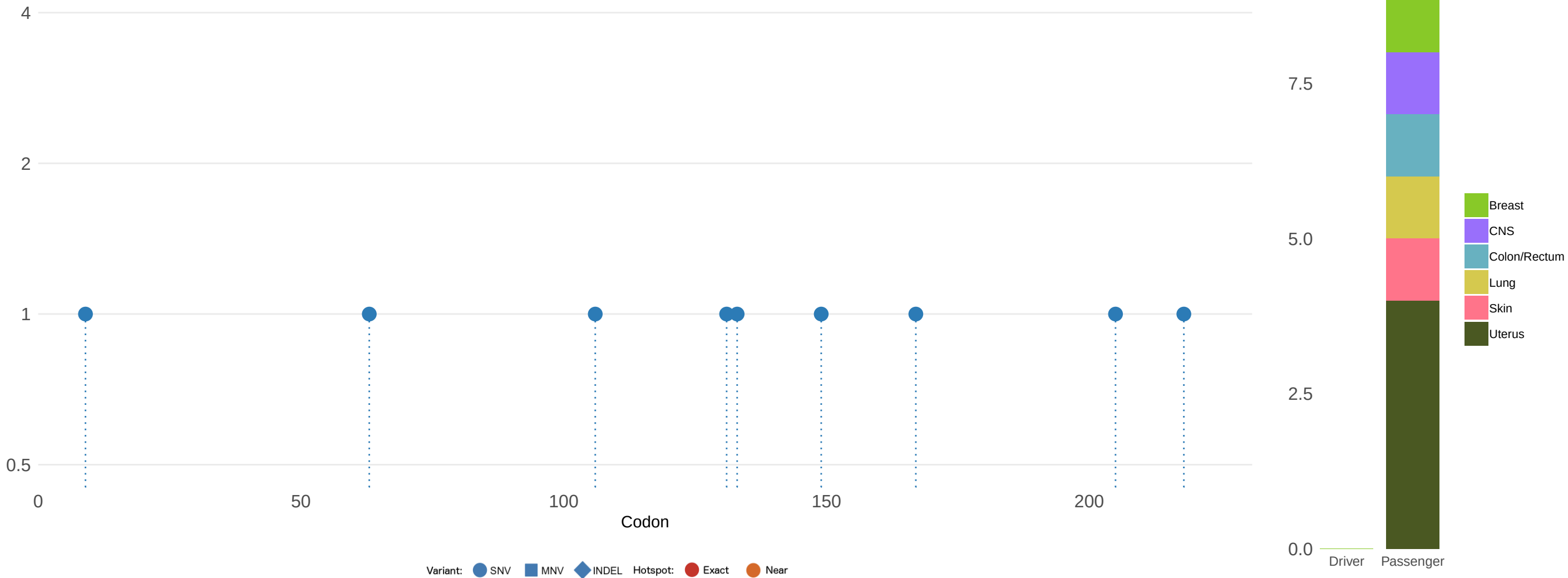
SPTAN1 Variants



SRC Variants



SRSF2 Variants



STAT3 Variants

4

2

1

0.5

0

200

400

600

Codon

Variant: ● SNV ■ MNV ◆ INDEL Hotspot: ● Exact ● Near

15

10

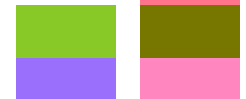
5

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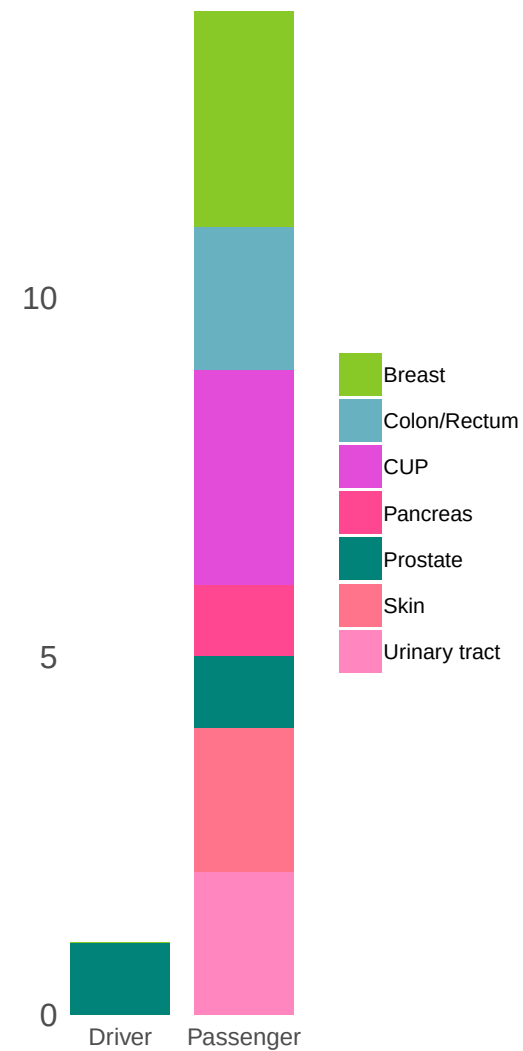
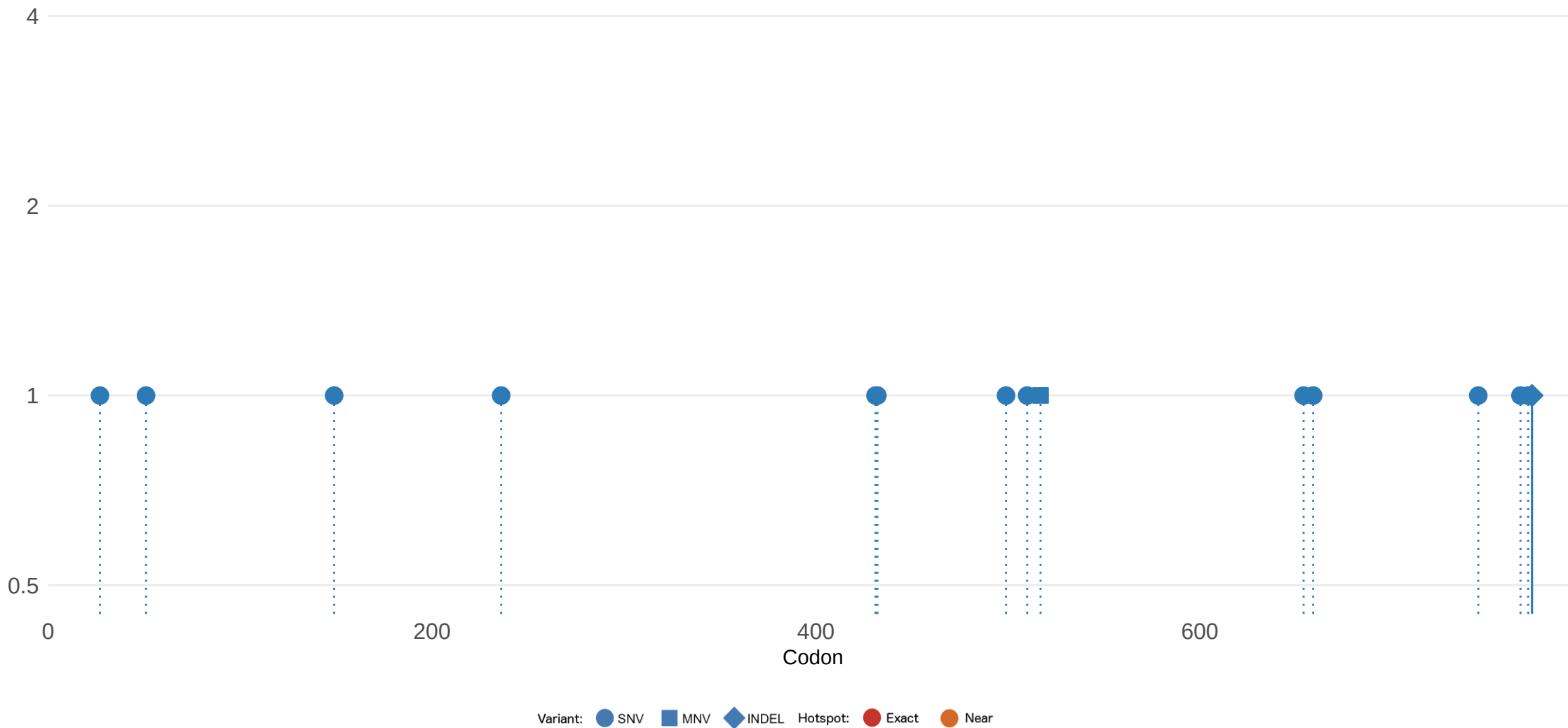
Driver

Passenger

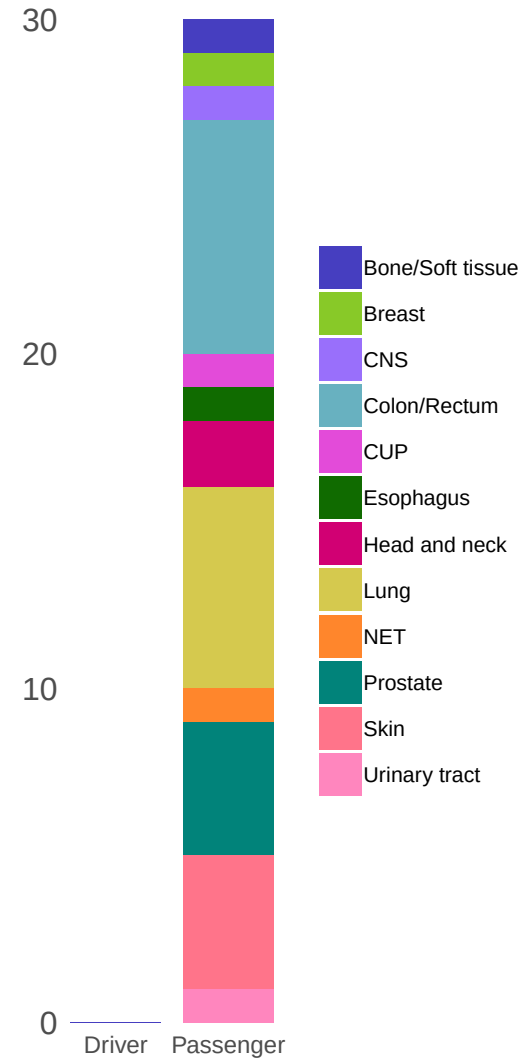
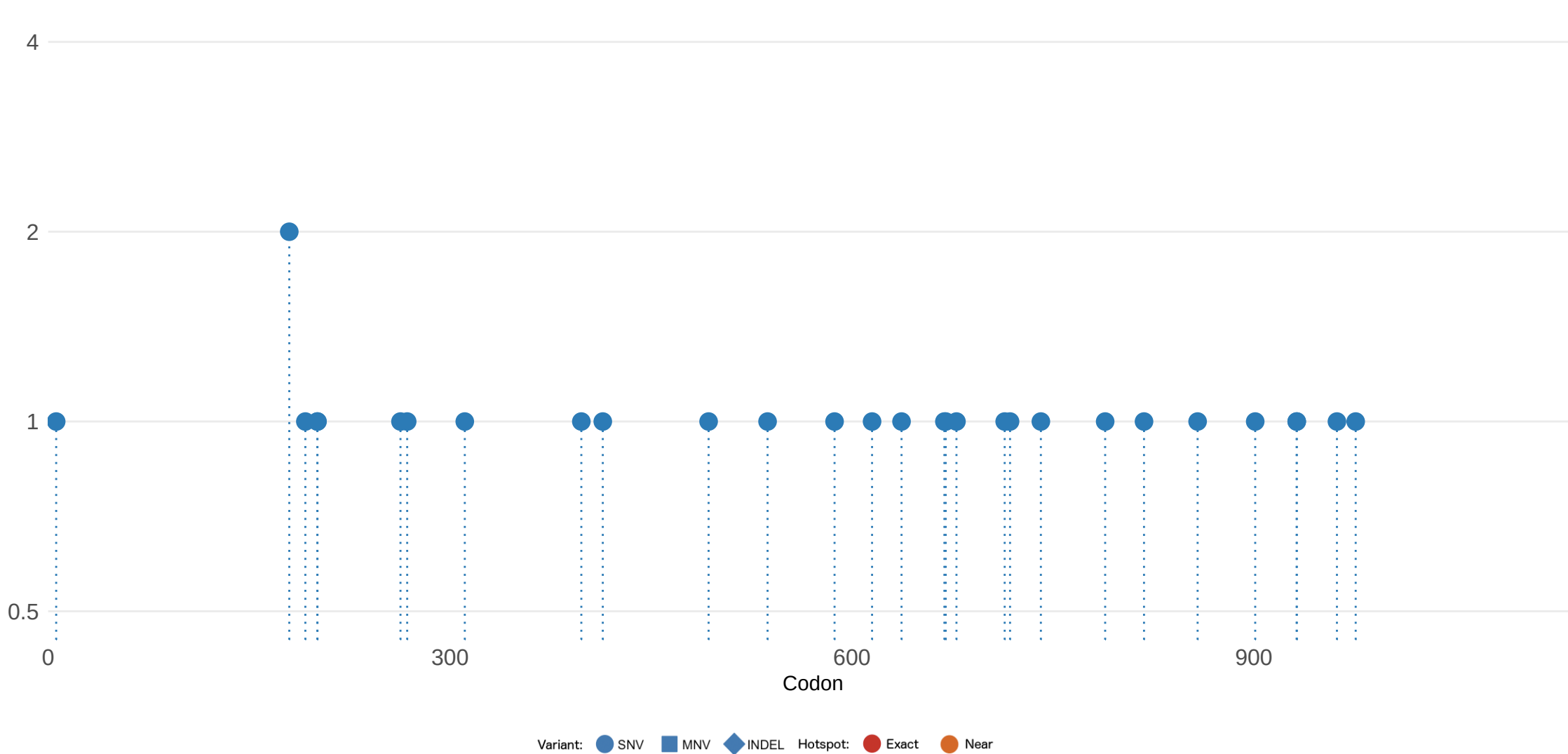
Breast
CNS
Colon/Rectum
Lung
Prostate
Skin
Stomach
Urinary tract



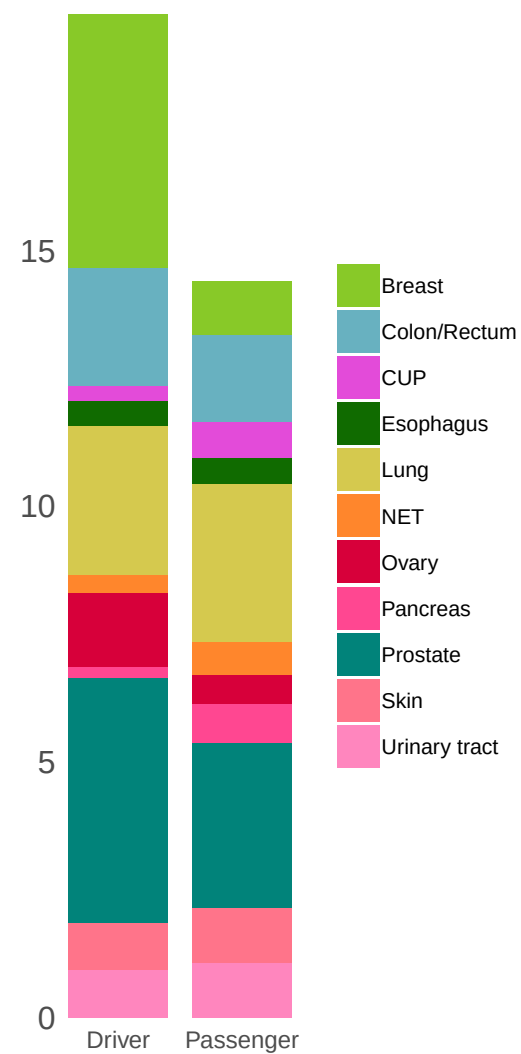
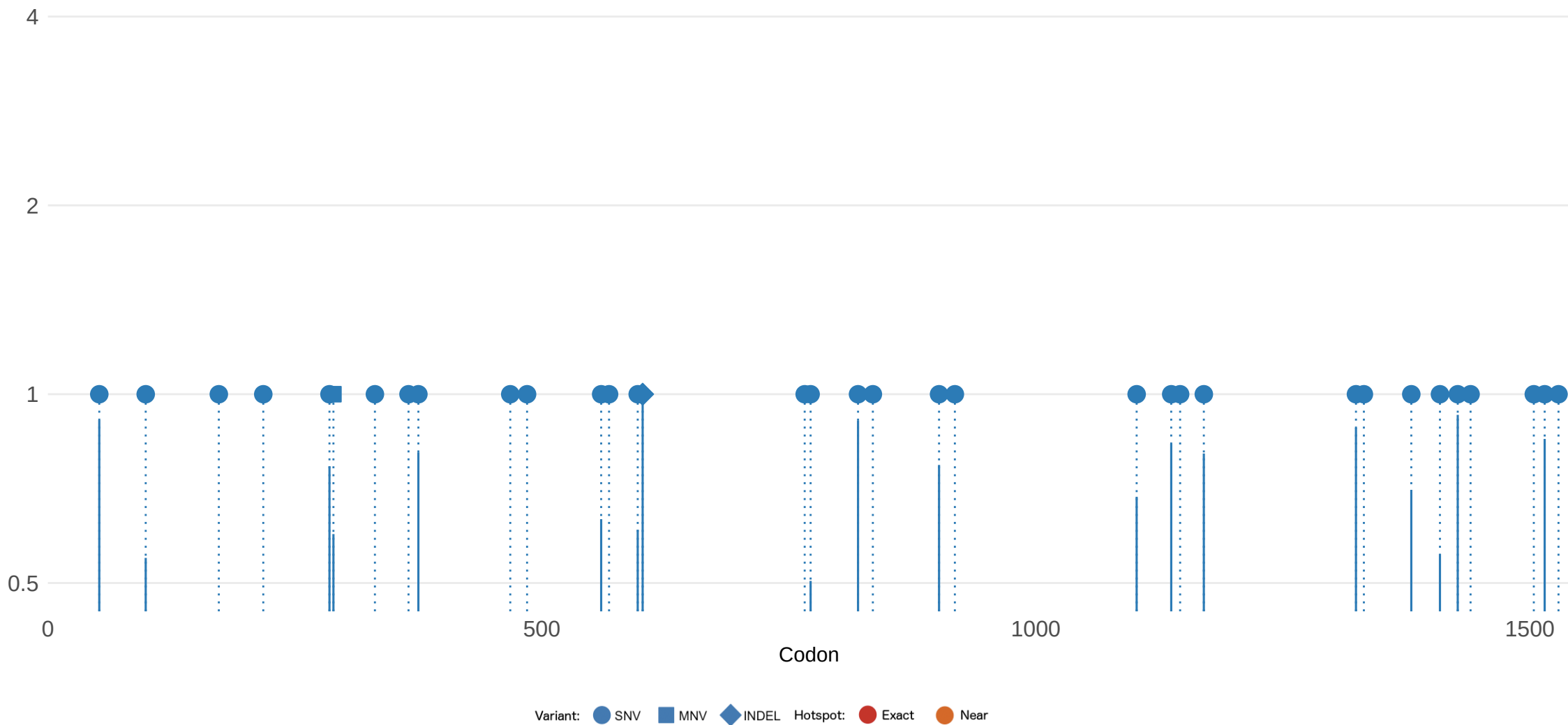
STAT5B Variants



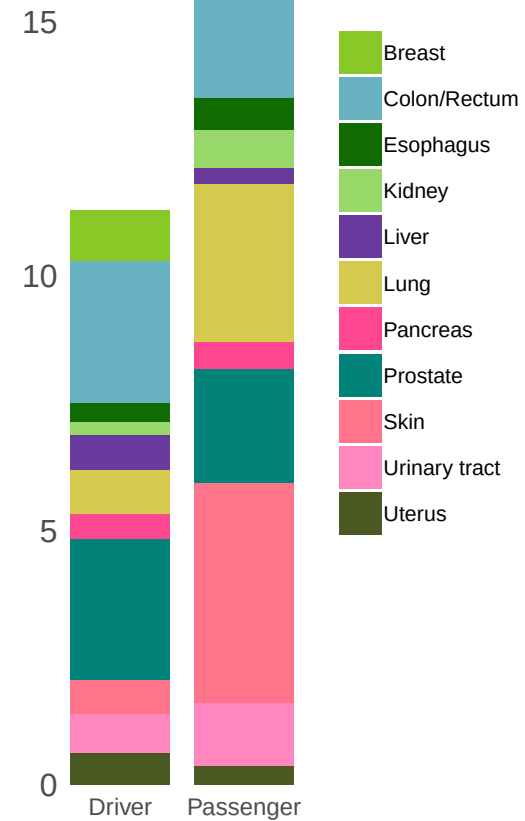
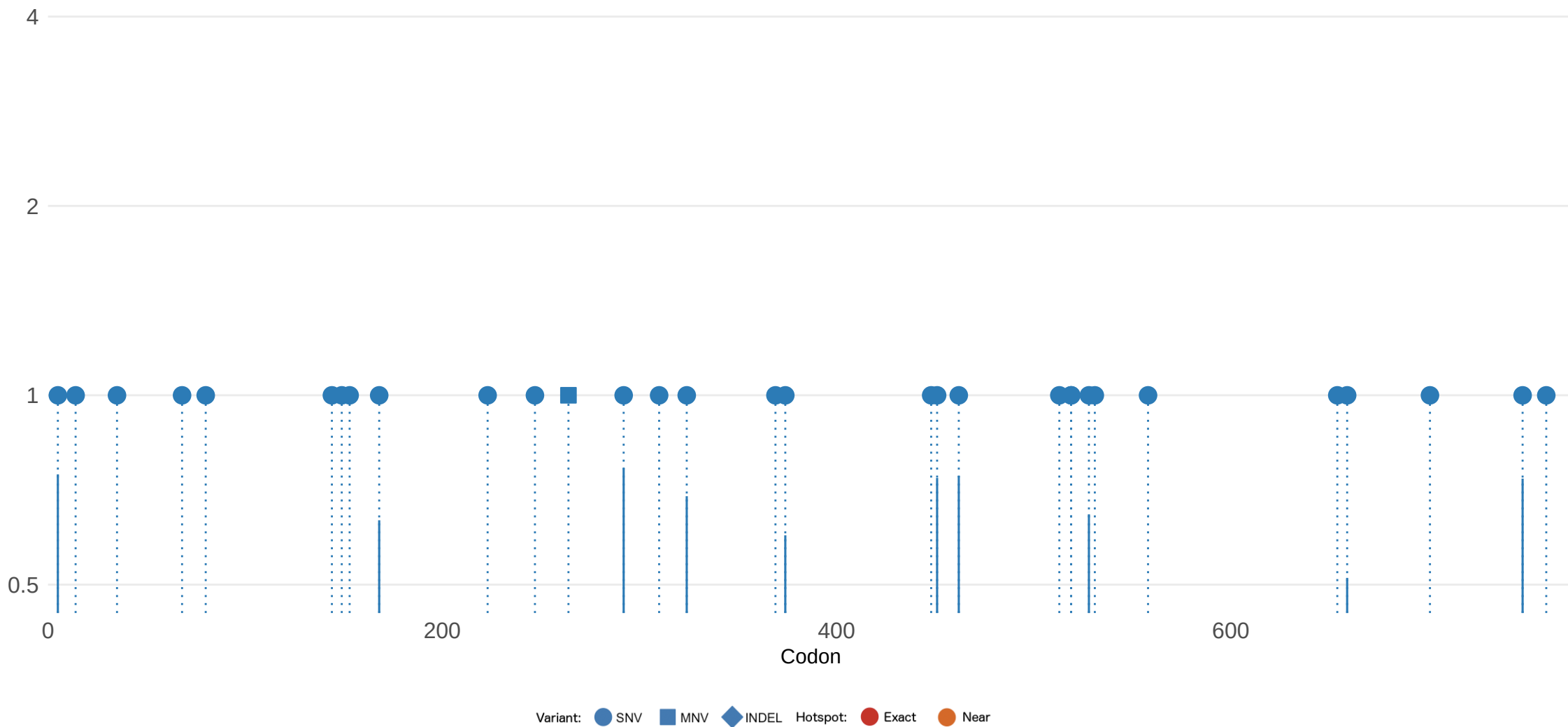
TERT Variants



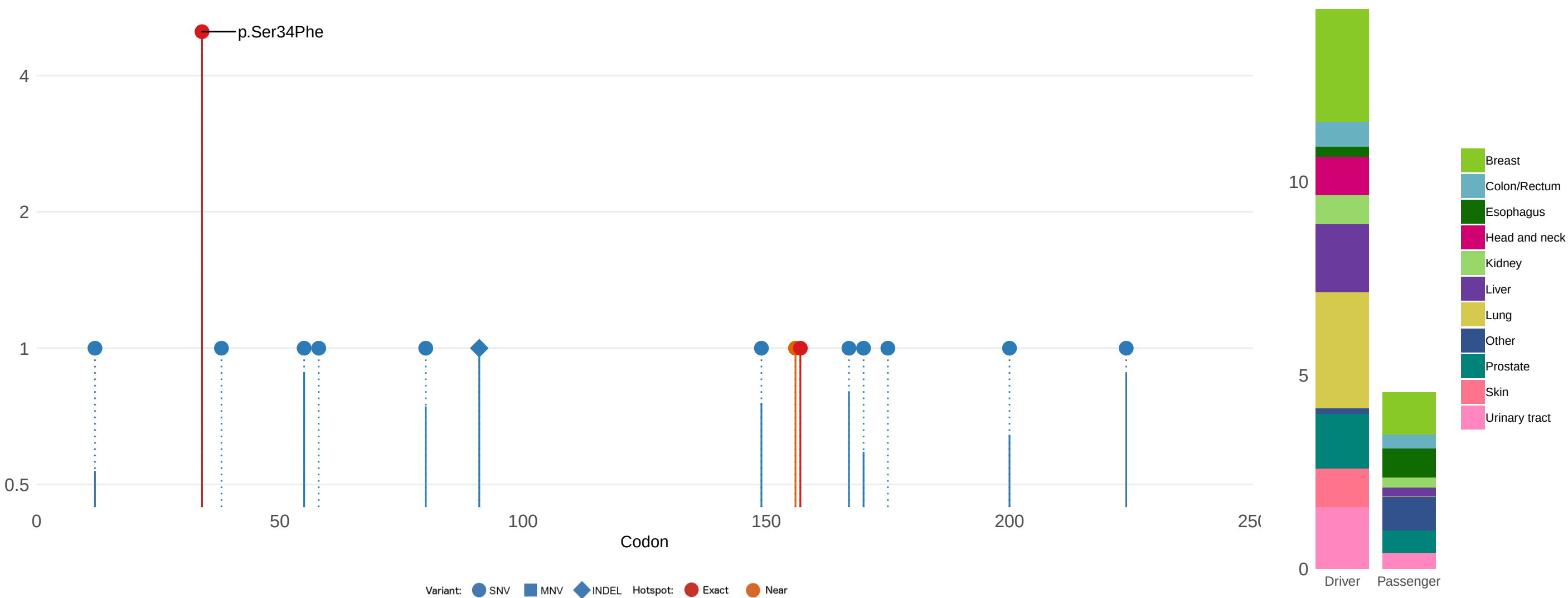
TOP2A Variants



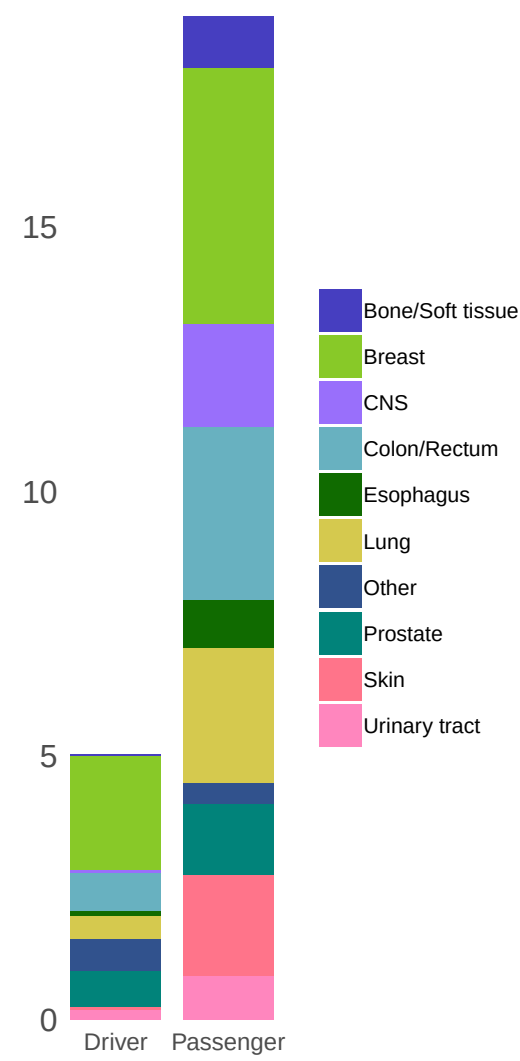
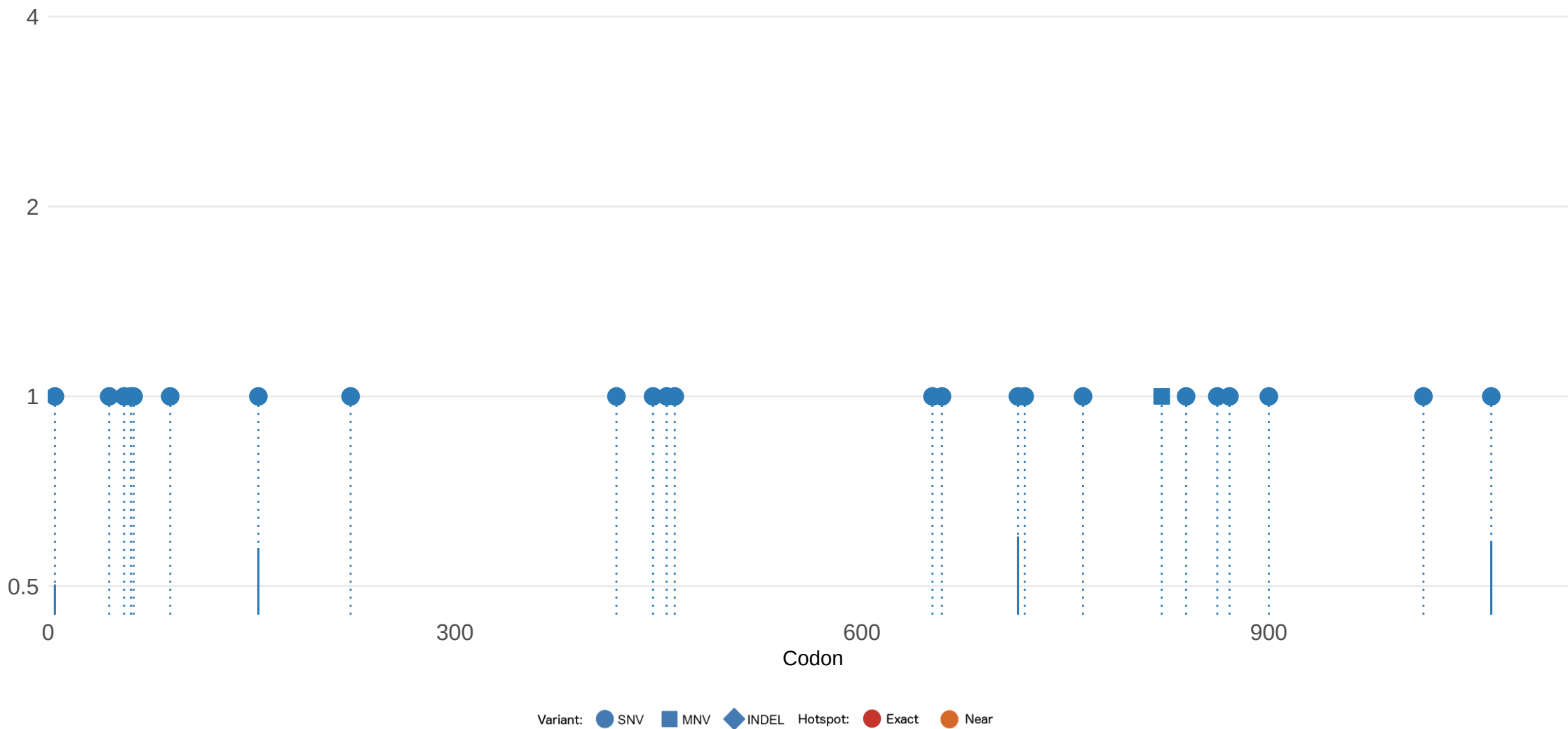
TSHR Variants



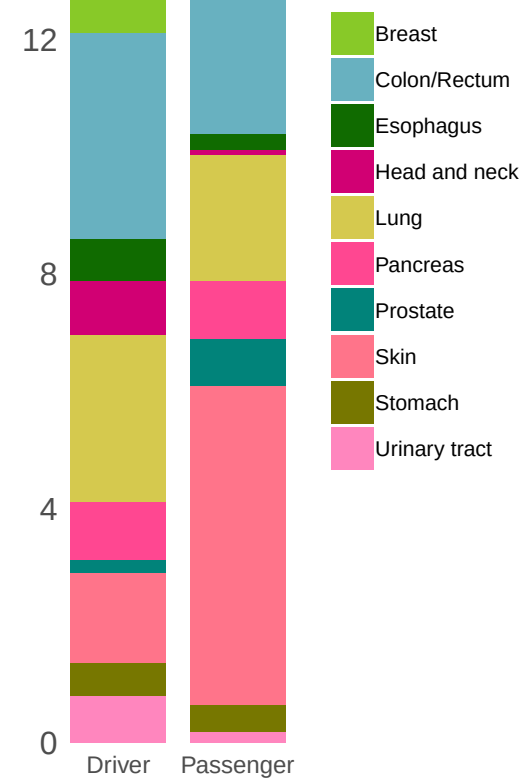
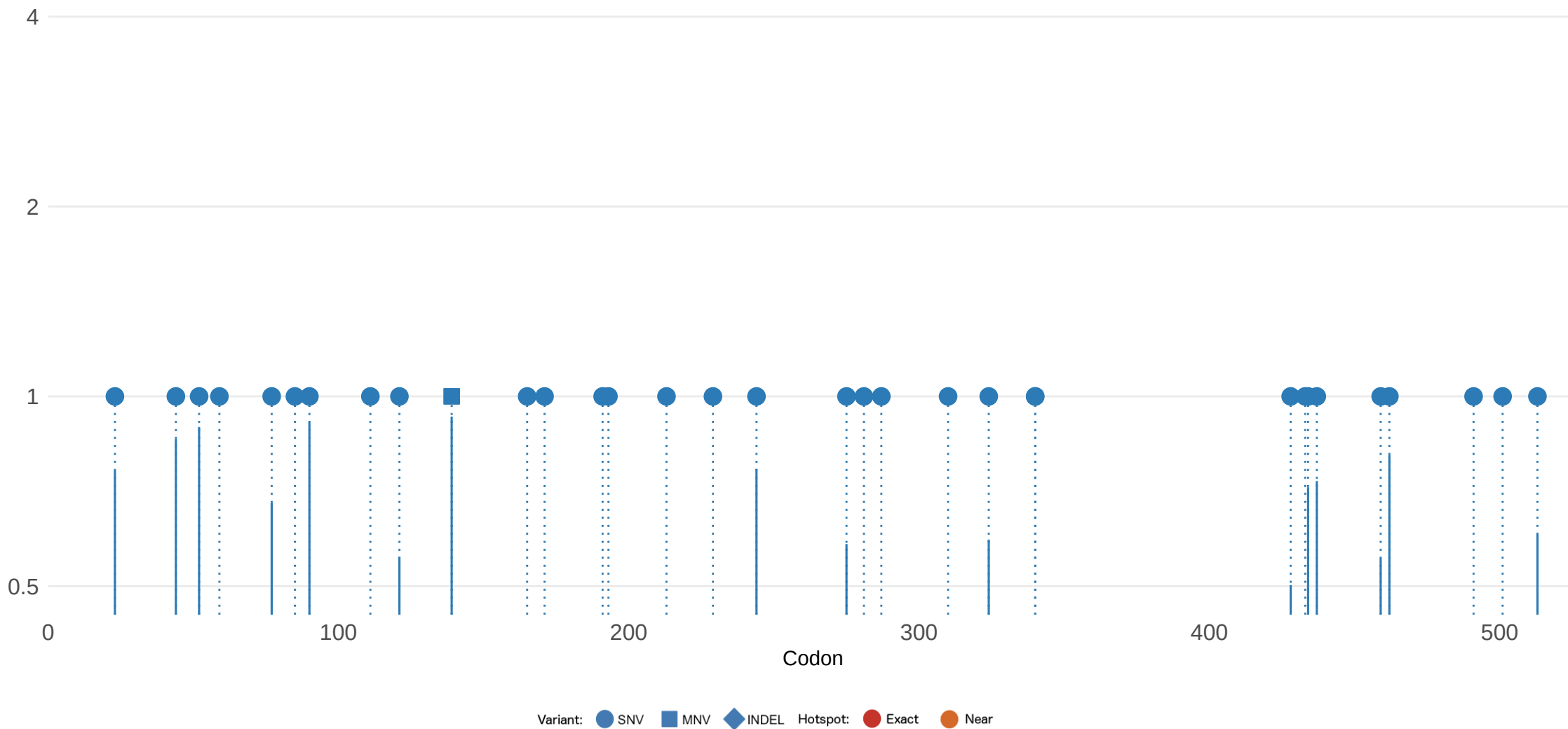
U2AF1 Variants



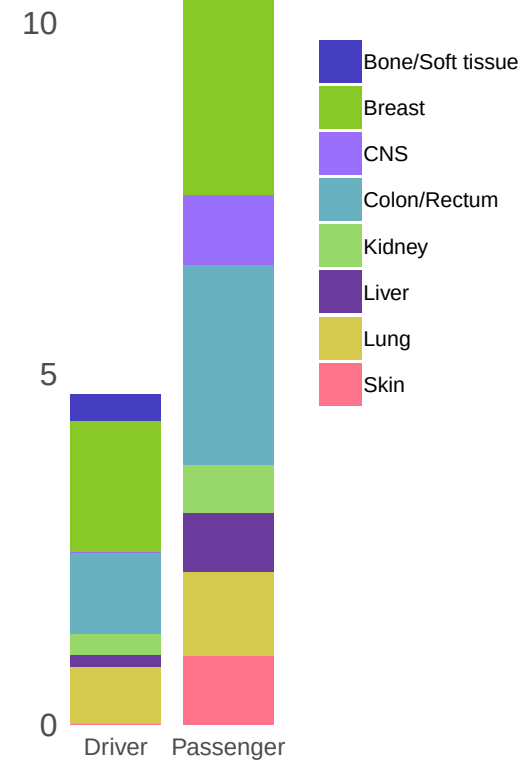
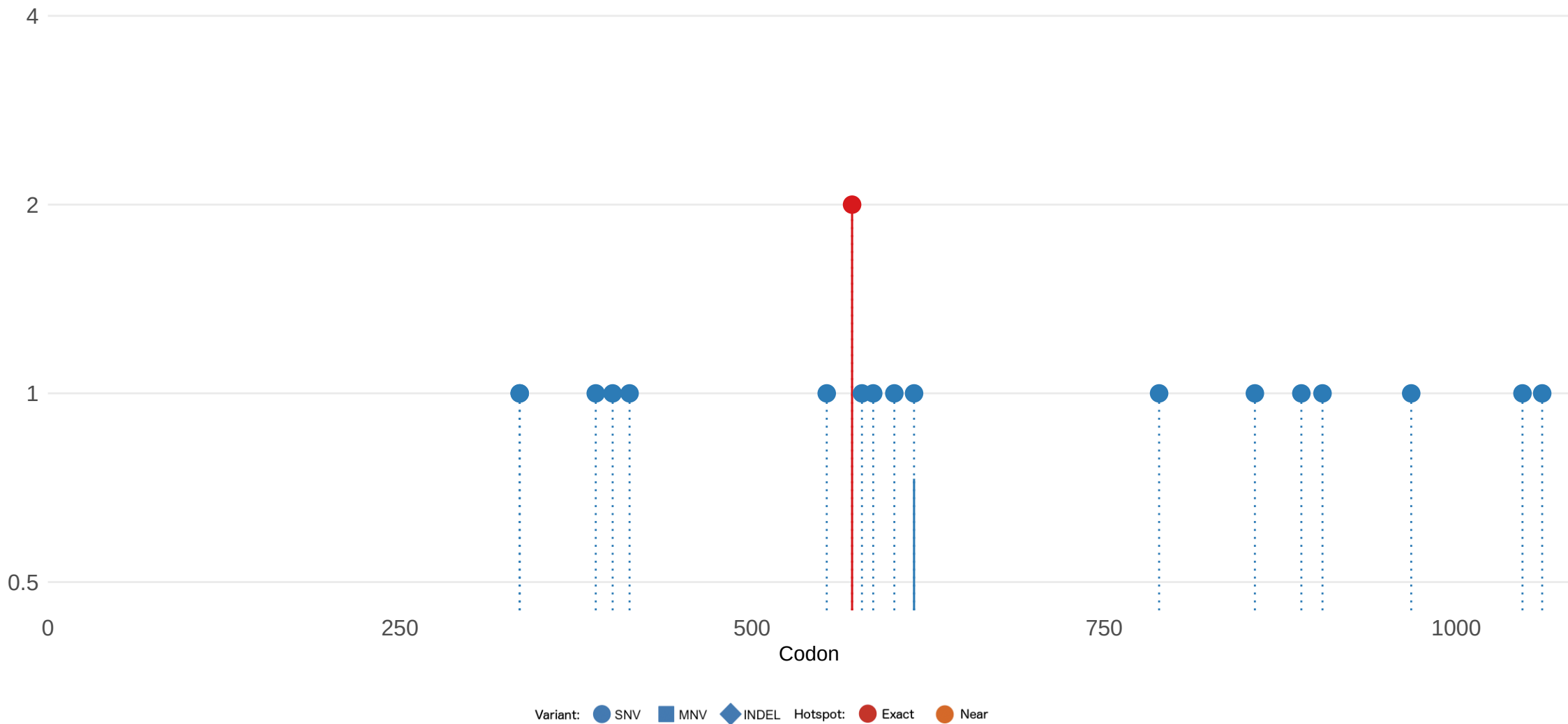
USP8 Variants



WT1 Variants



XPO1 Variants



ZNF750 Variants

