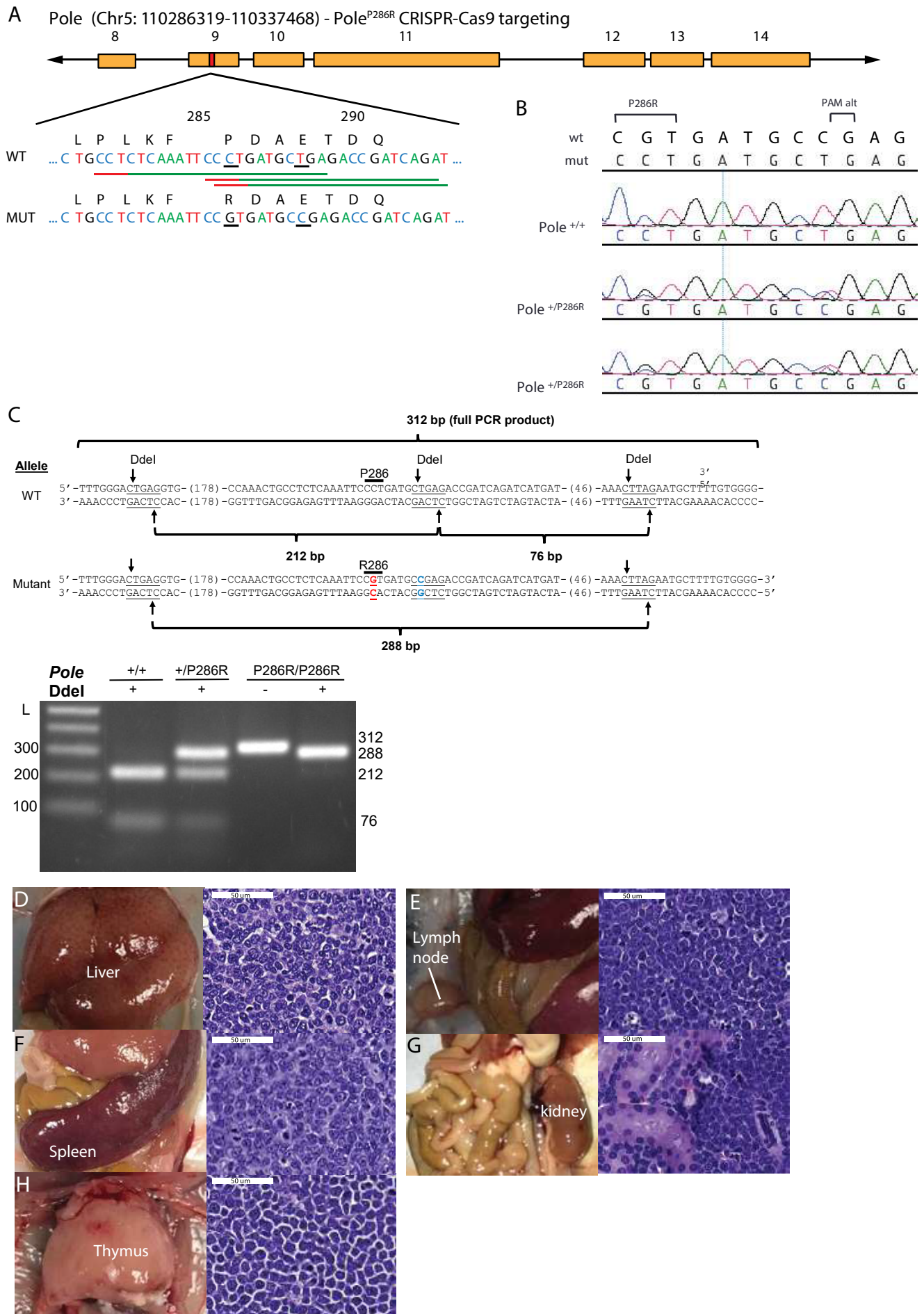
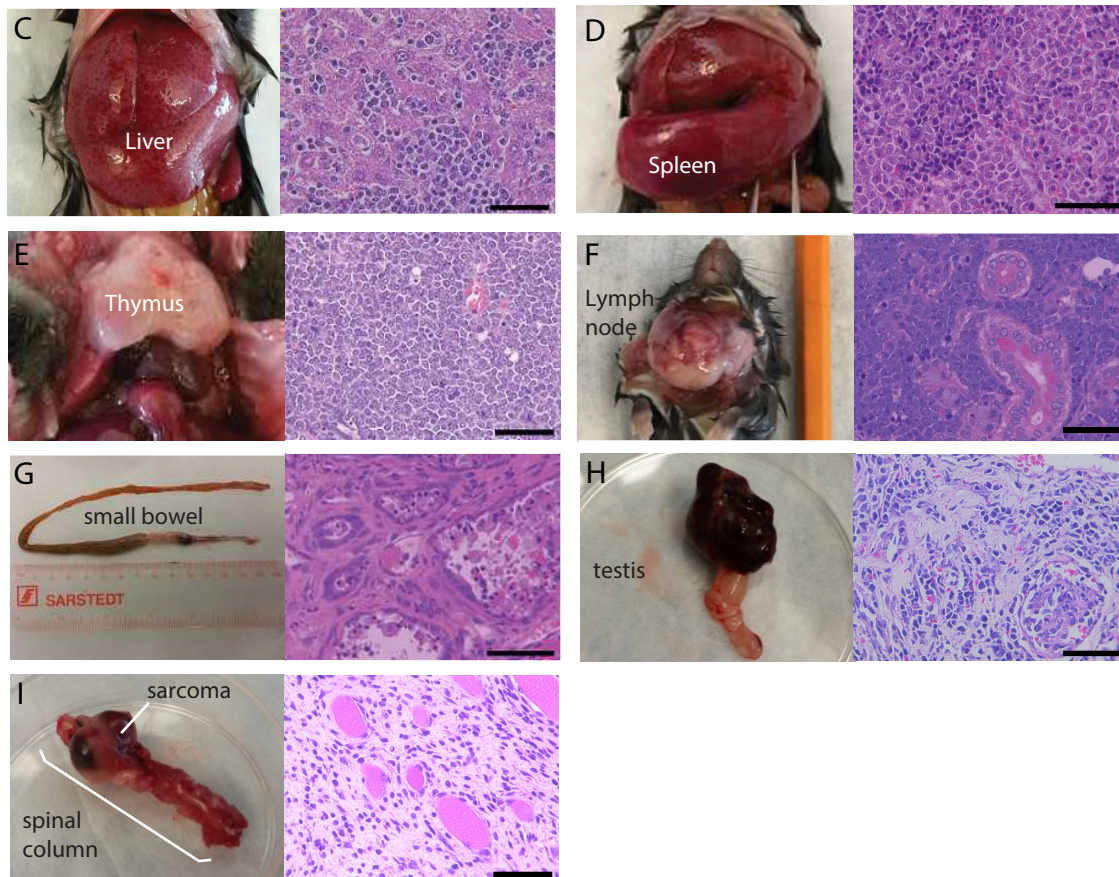
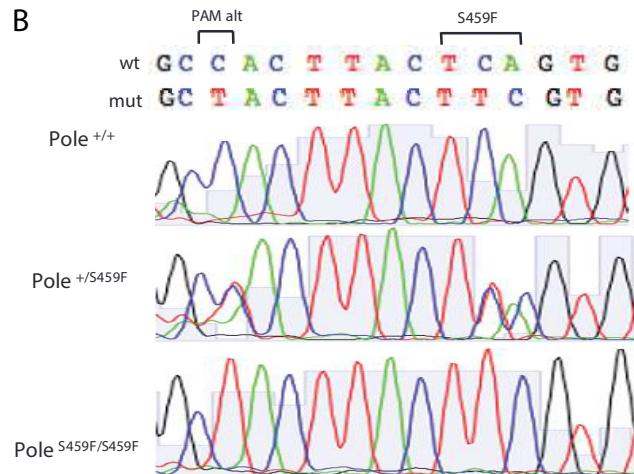
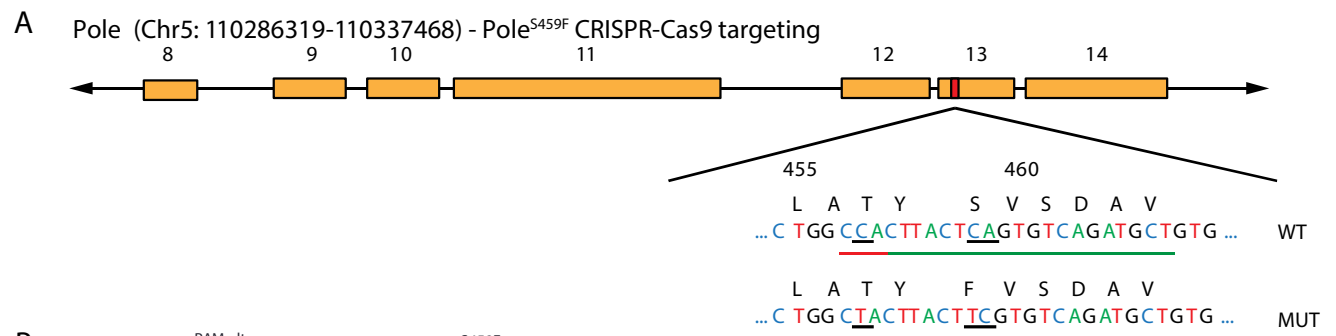


Supplementary Figure S1

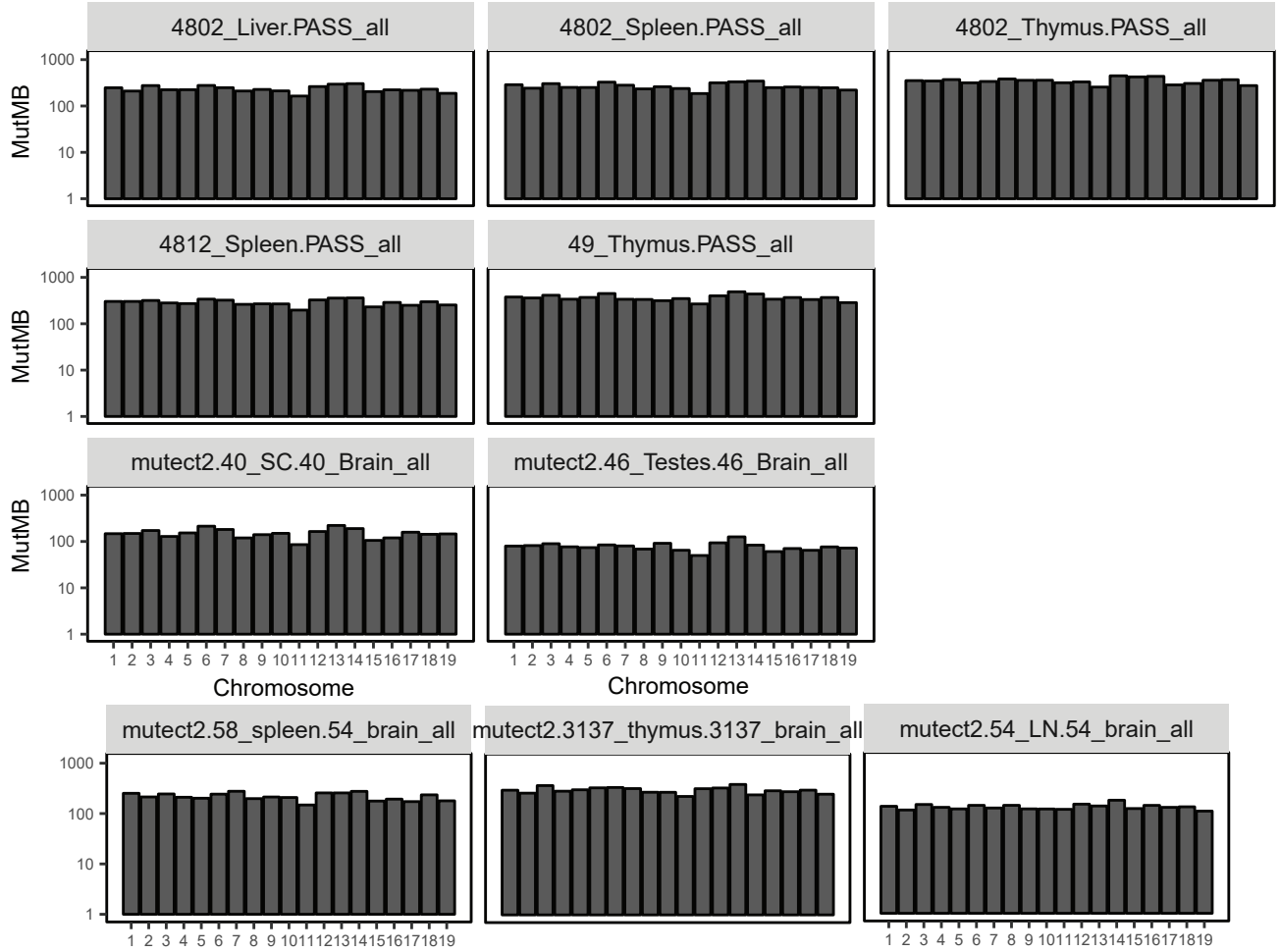


Supplementary Figure S2

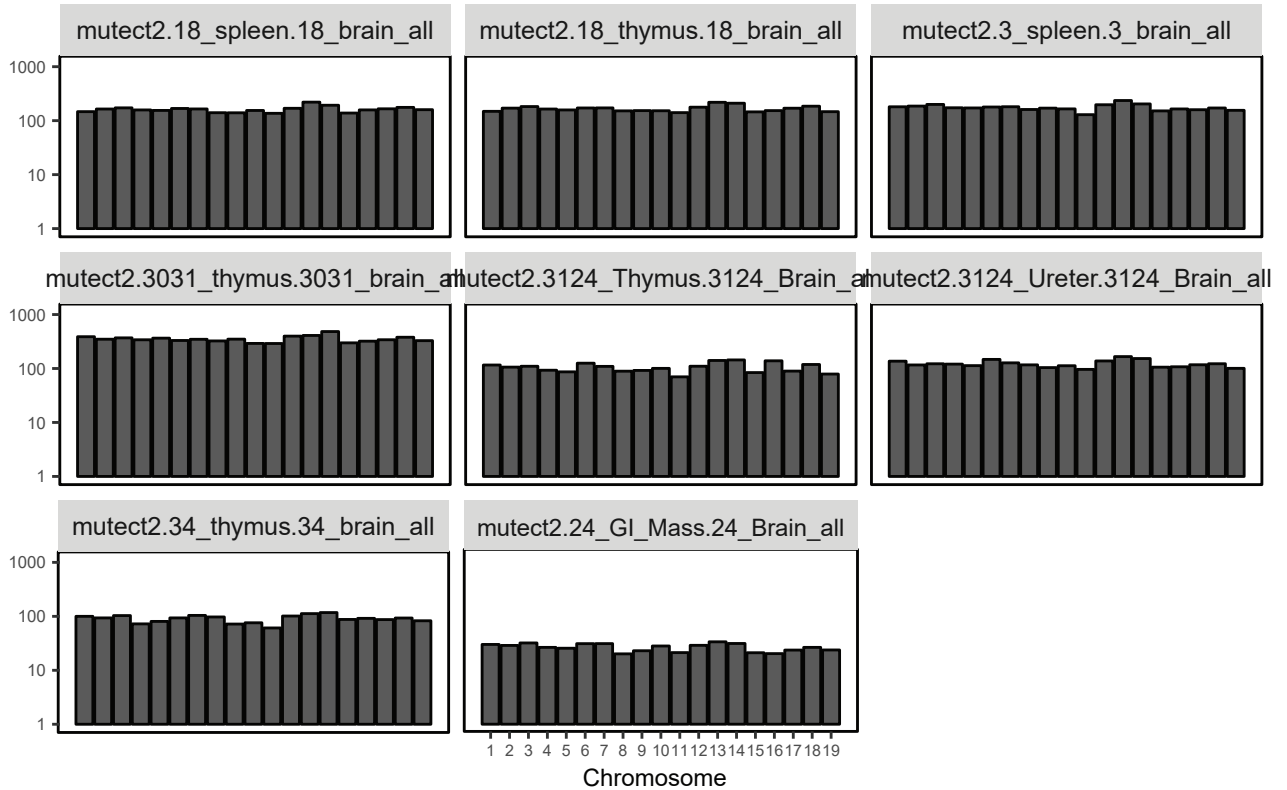


Supplementary Figure 3

S459F/S459F



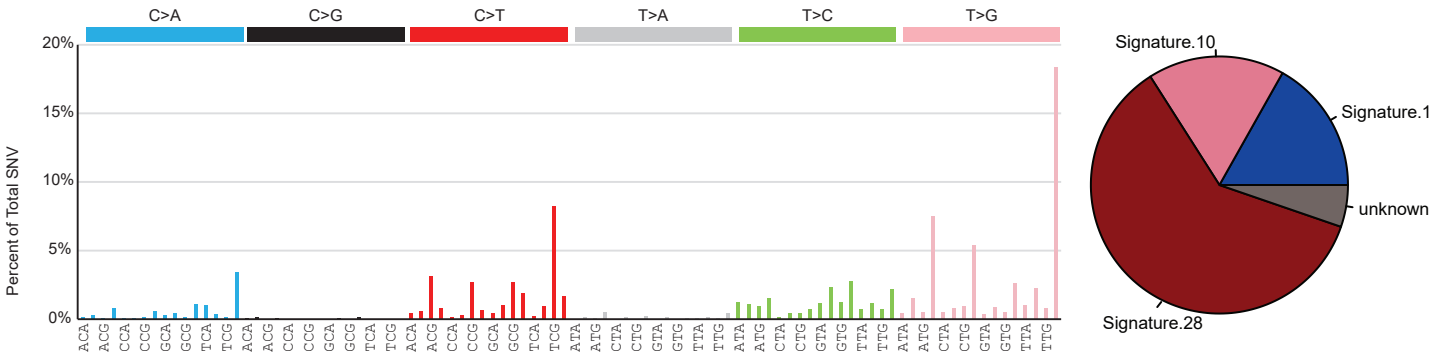
S459F/+



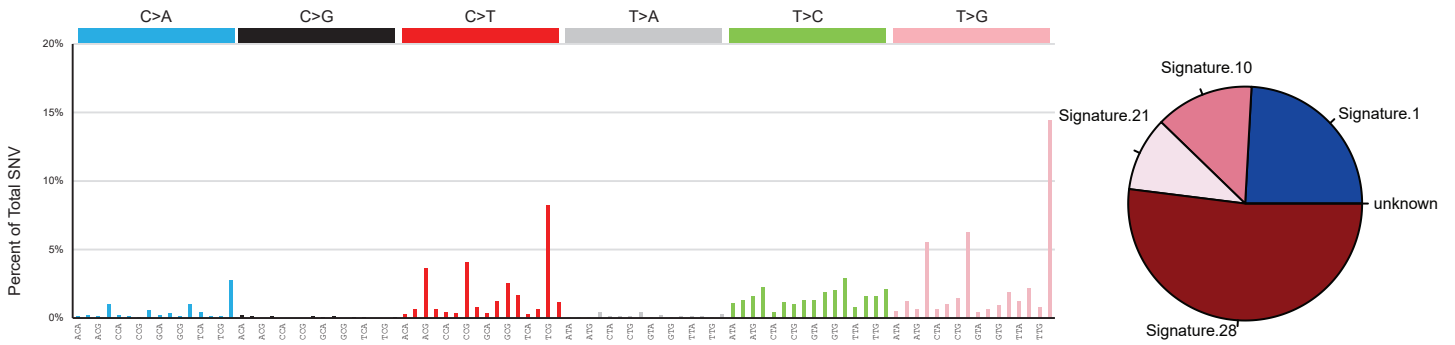
Supplementary Figure 4

Pole P286R/+ mouse tumours

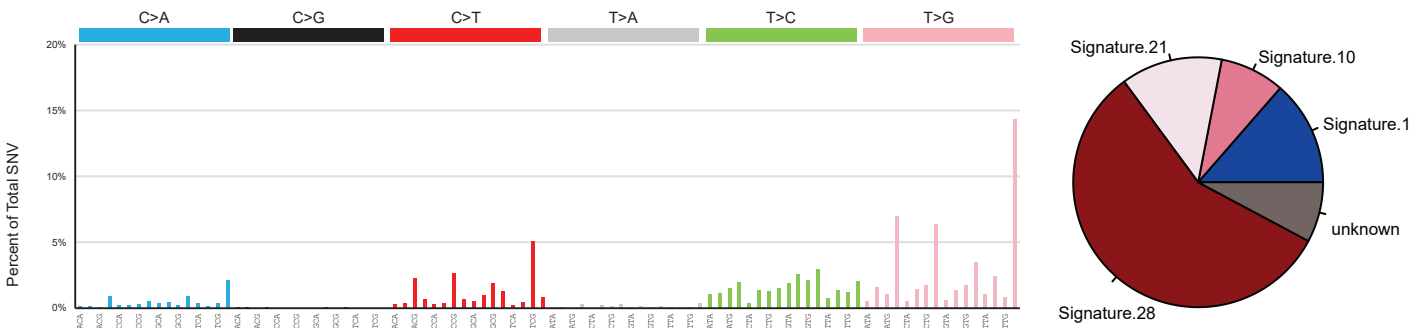
21-GI Lymphoma



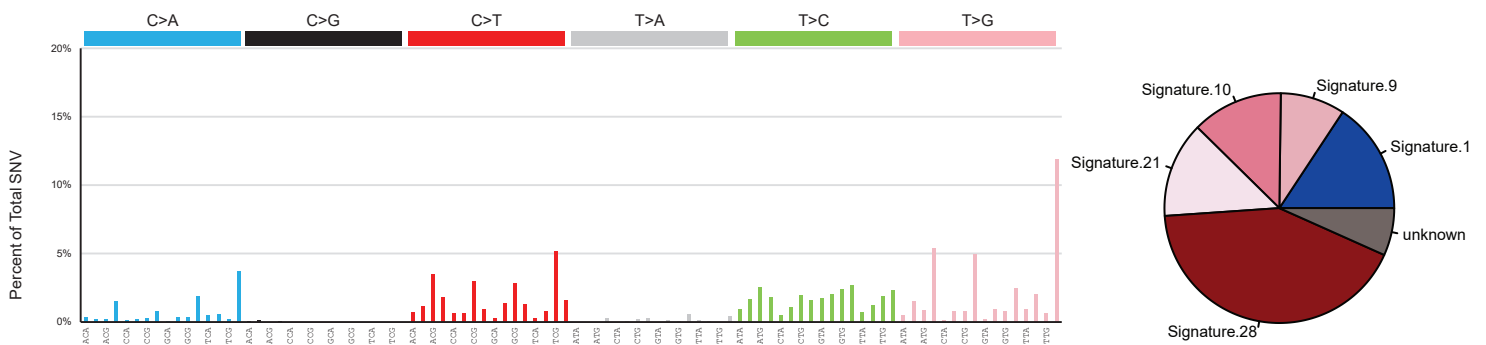
21-Spleen



21-Thymus

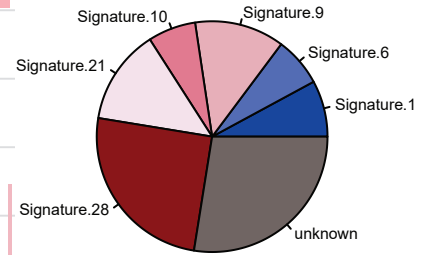
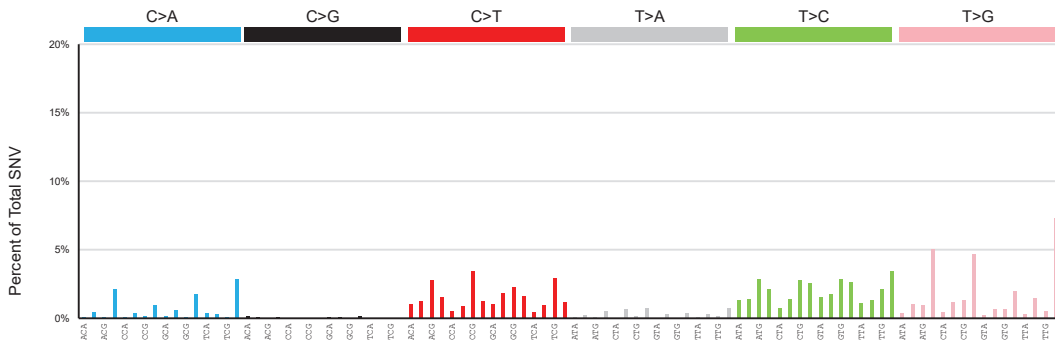


71-Pelvic Mass

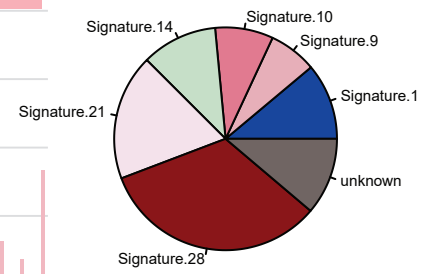
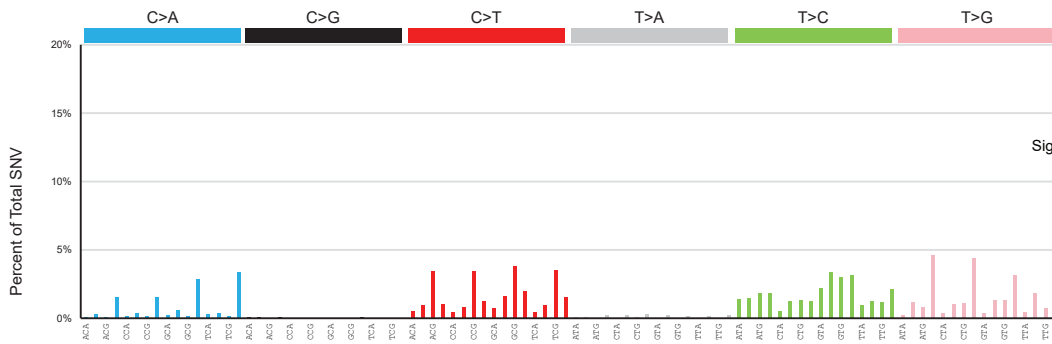


Pole P286R/+ mouse tumours cont'd

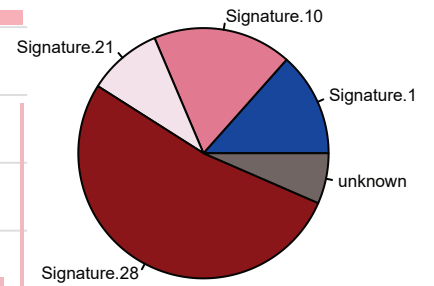
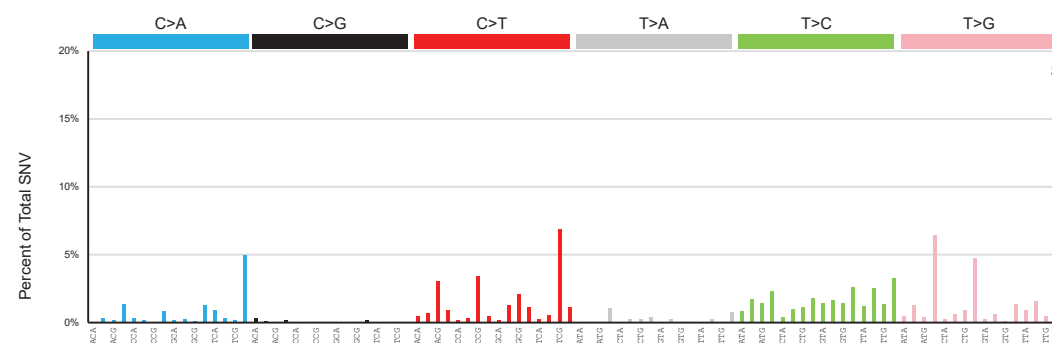
72-Thymus



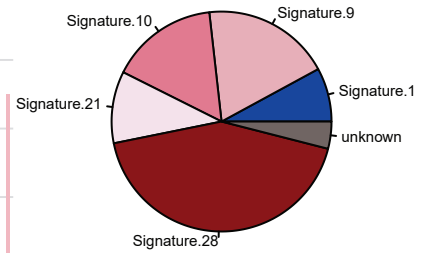
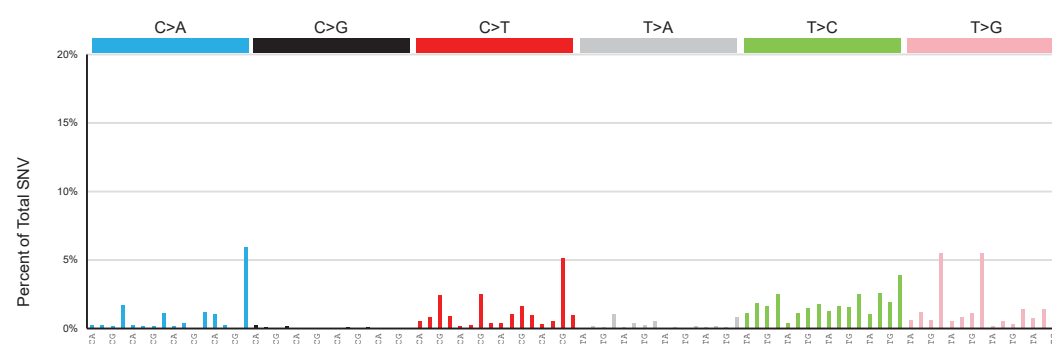
122-Thymus



140-Armpit Mass

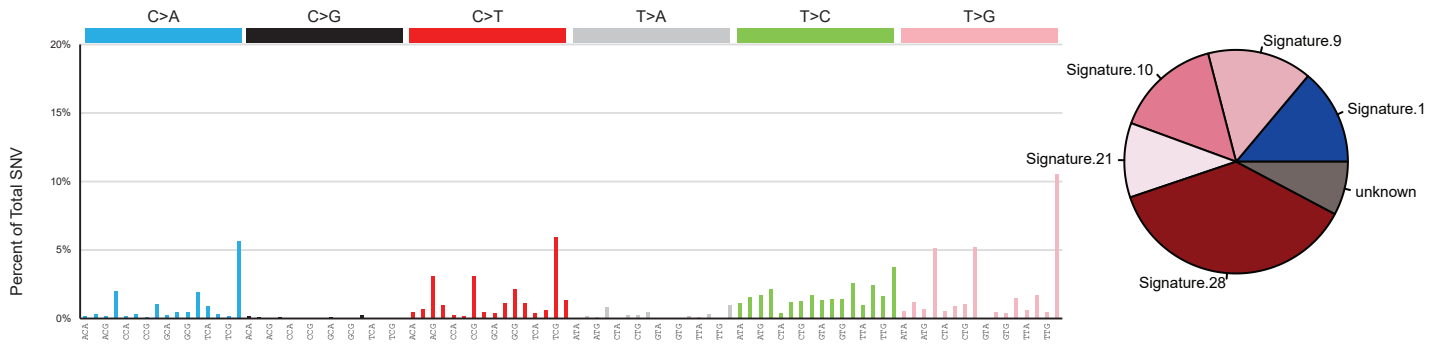


140-Liver

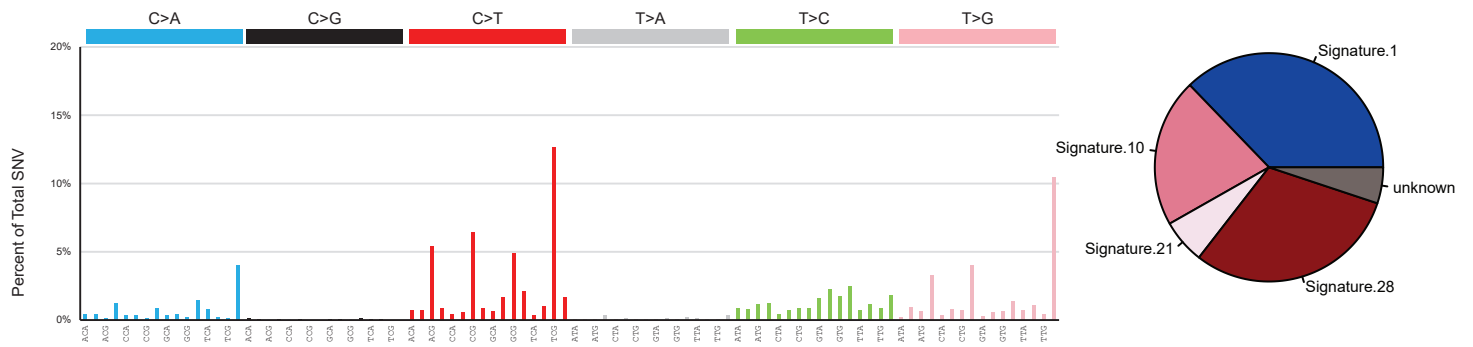


Pole P286R/+ mouse tumours cont'd

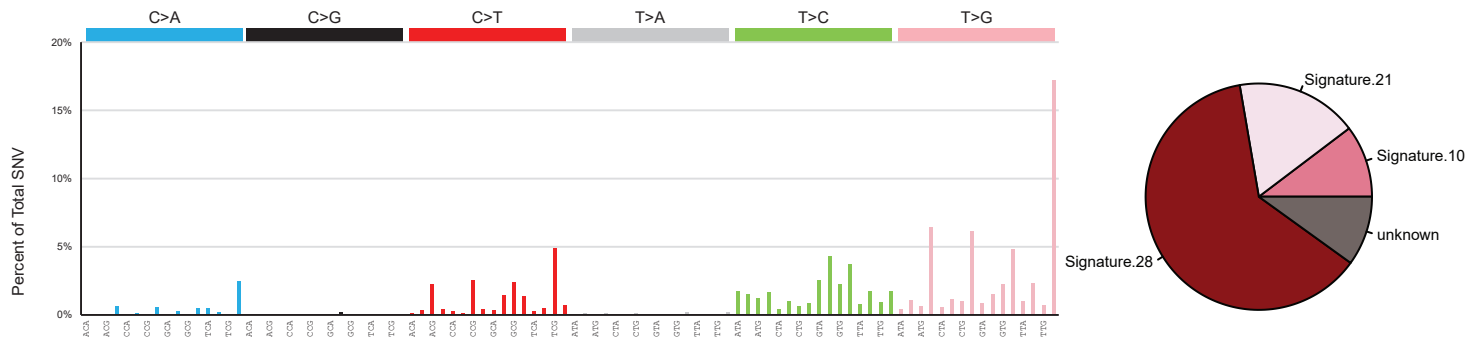
140-Spleen



1144-Thymus

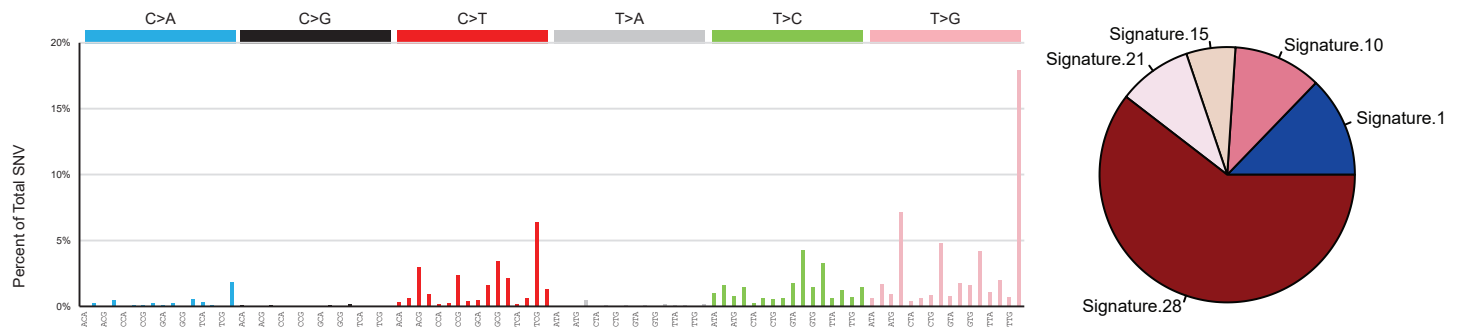


1098-Thymus



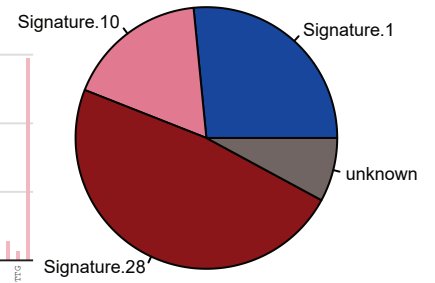
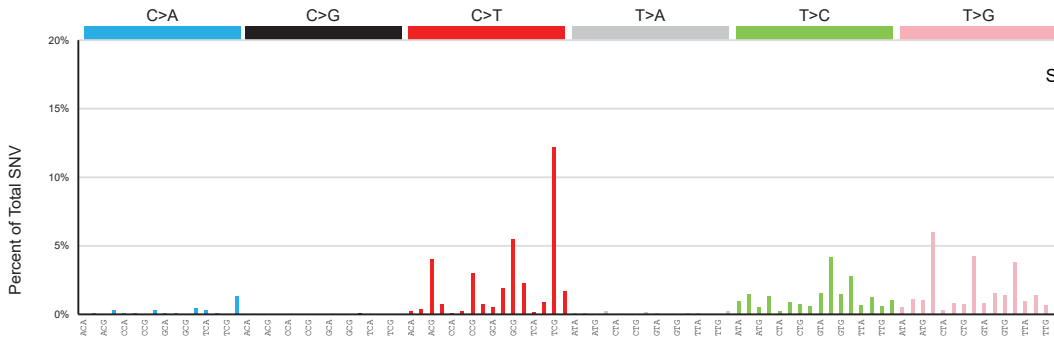
Pole S459F/+ mouse tumours

3-Spleen

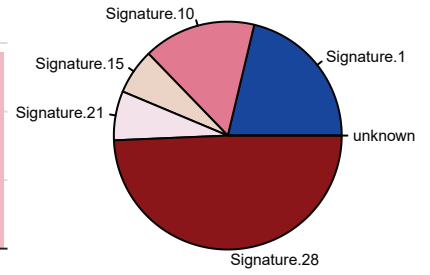
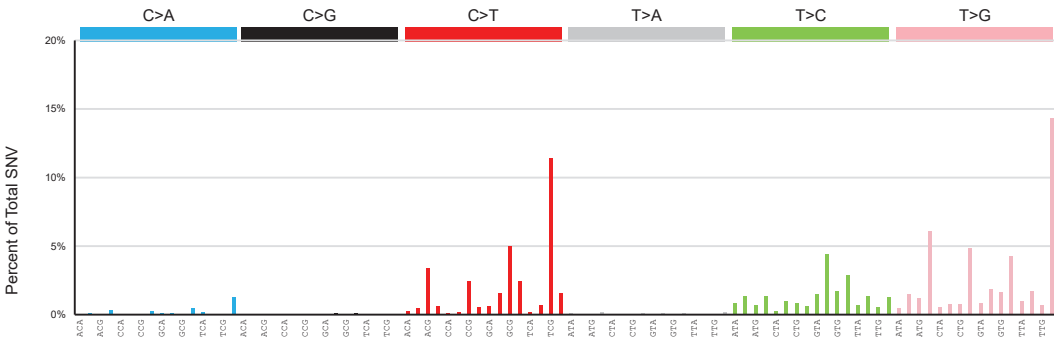


Pole S459F/+ mouse tumours cont'd

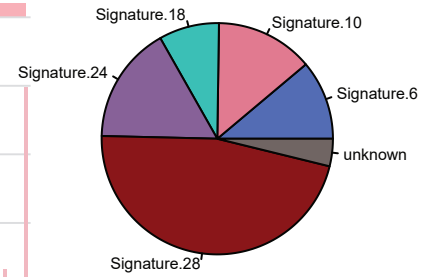
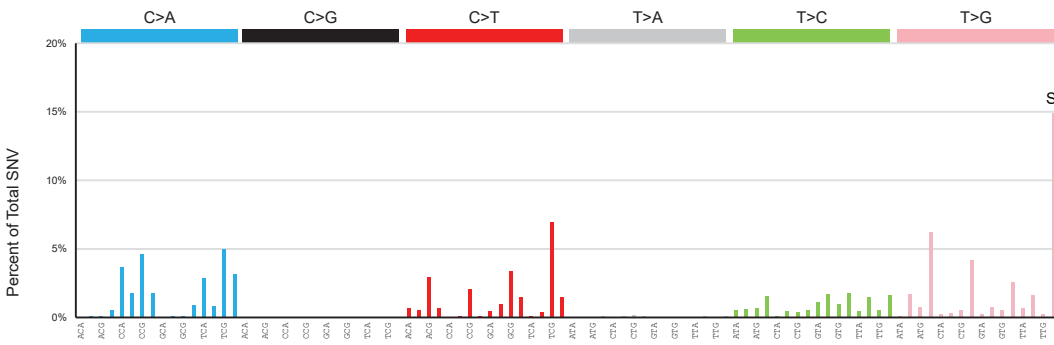
18-Spleen



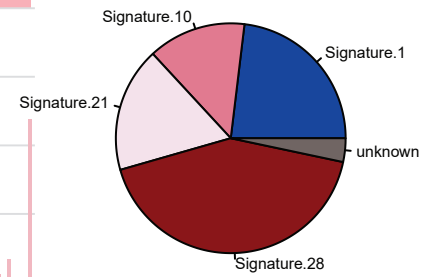
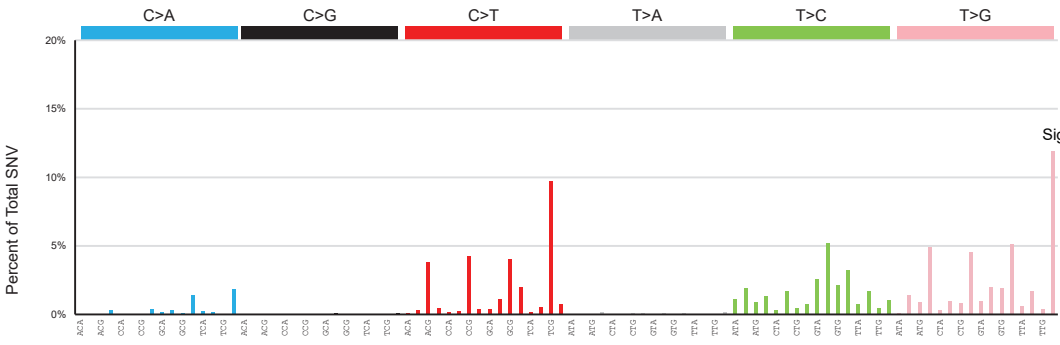
18-Thymus



24-GI Mass

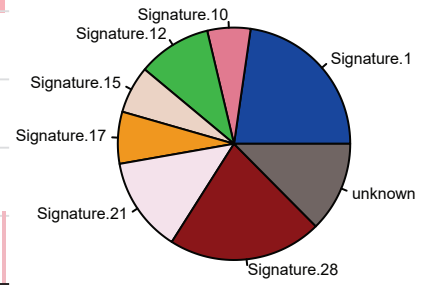
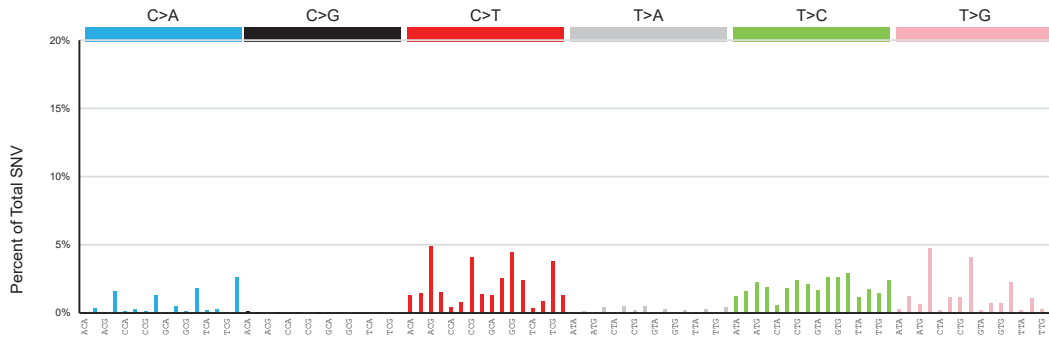


34-Thymus

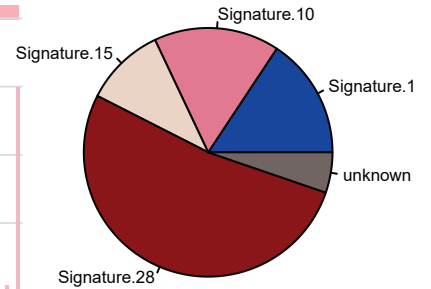
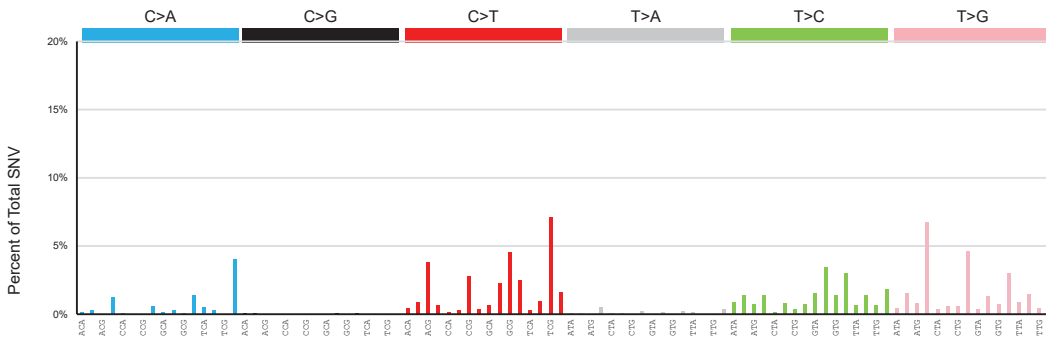


Pole S459F/+ mouse tumours cont'd

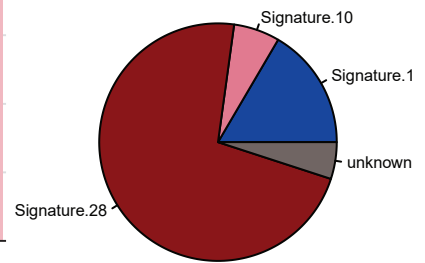
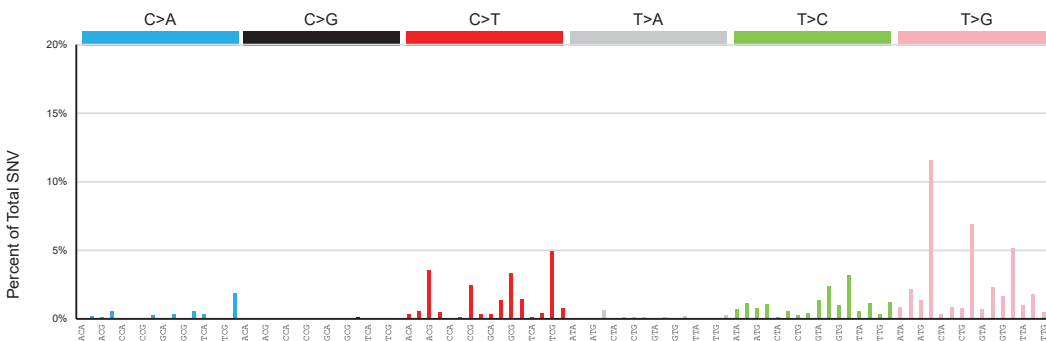
3031-Thymus



3124-Thymus

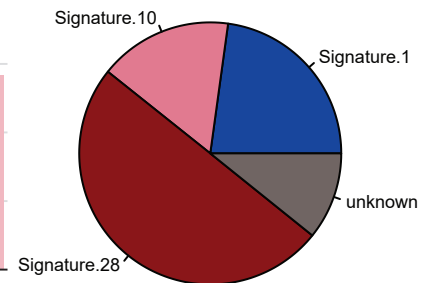
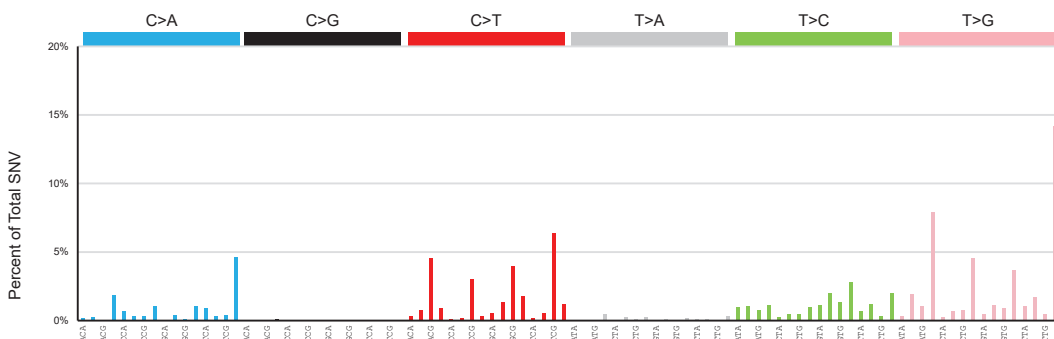


3124-Ureter



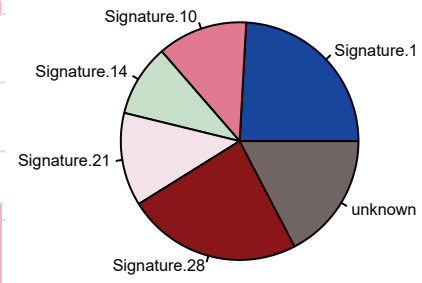
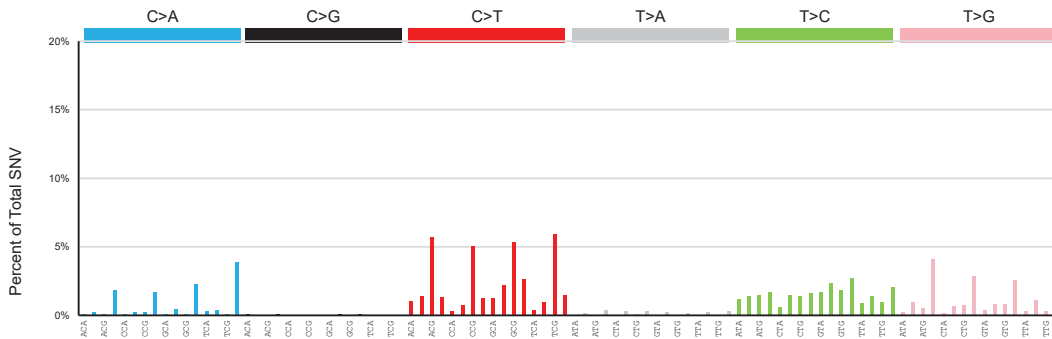
Pole S459F/S459F mouse tumours

46-Testes

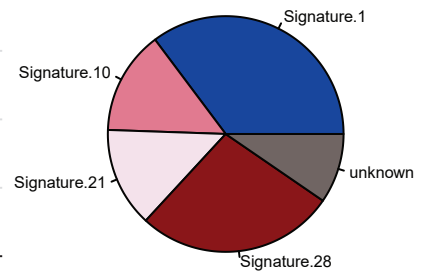
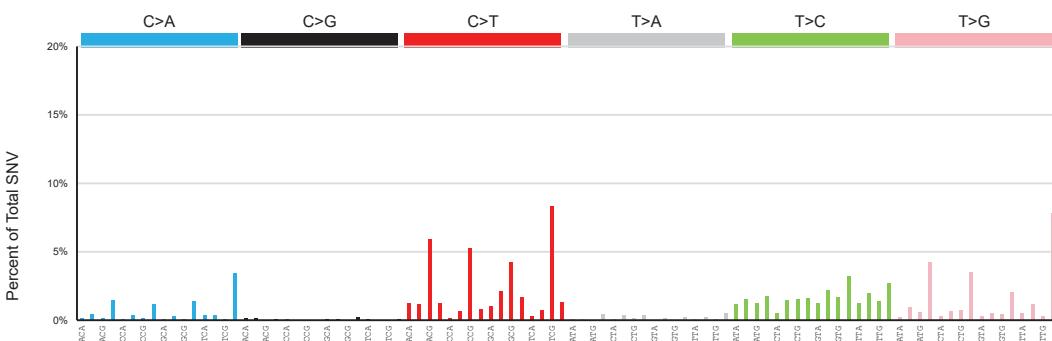


Pole S459F/S459F mouse tumours cont'd

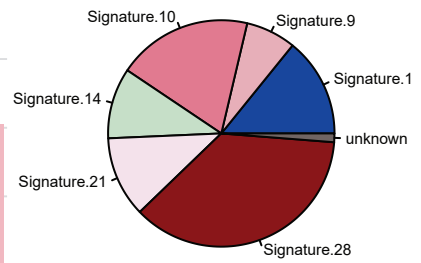
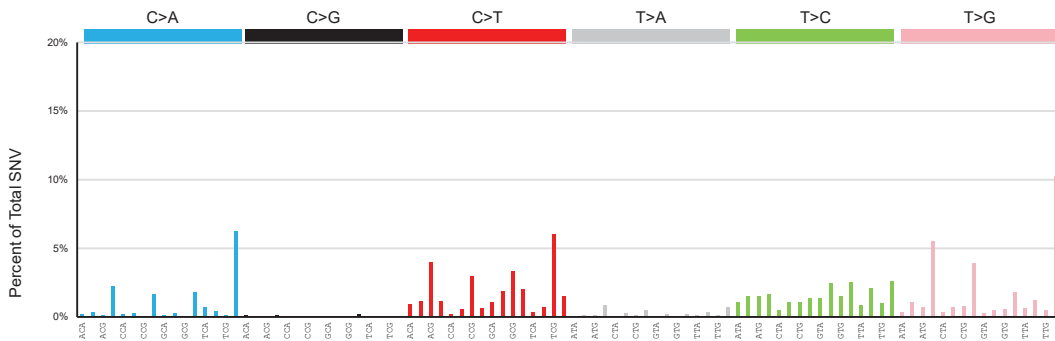
49-Thymus



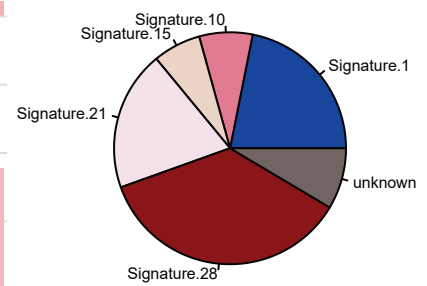
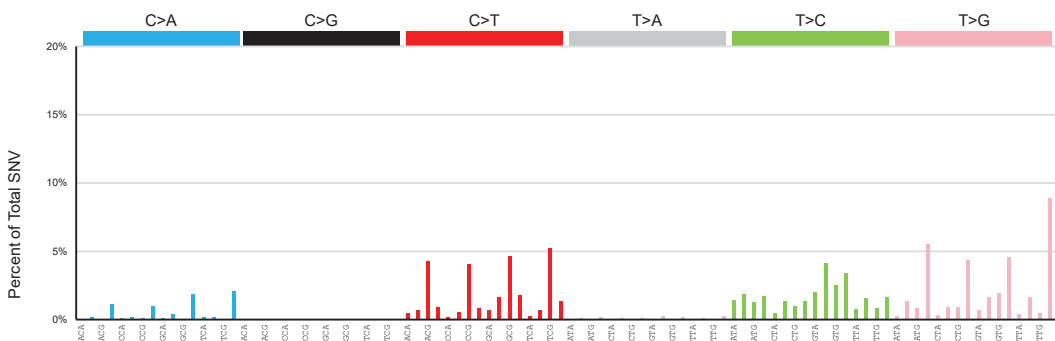
54-LN



58-Spleen

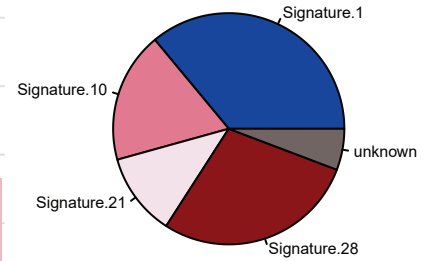
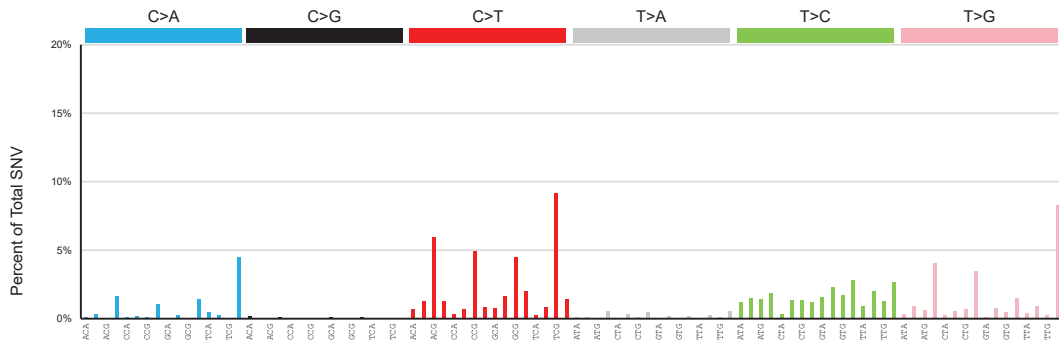


3137-Thymus

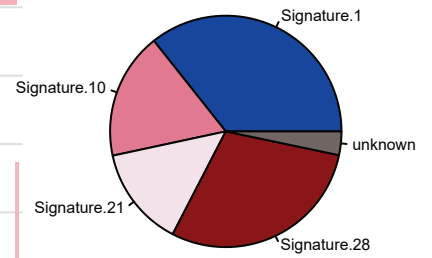
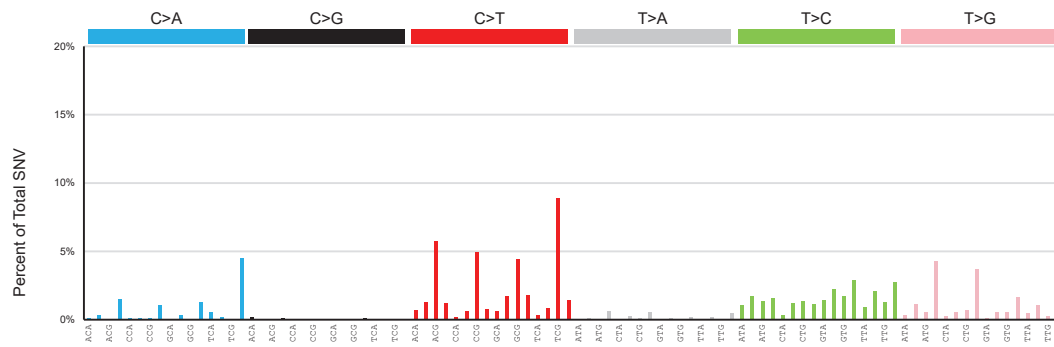


Pole S459F/S459F mouse tumours cont'd

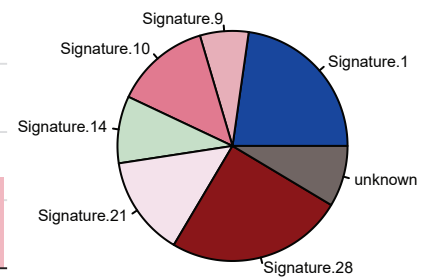
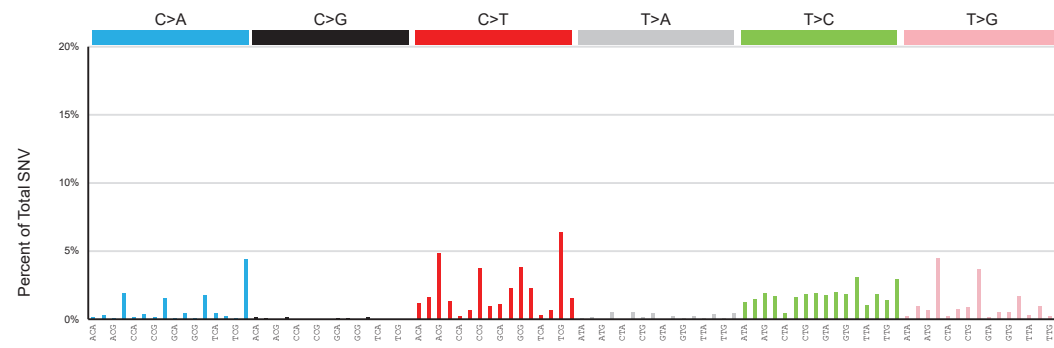
4802-Liver



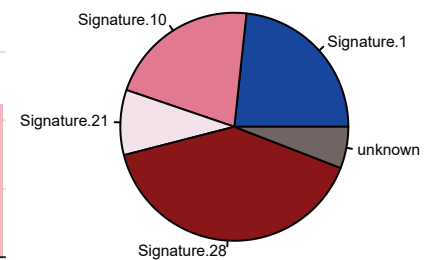
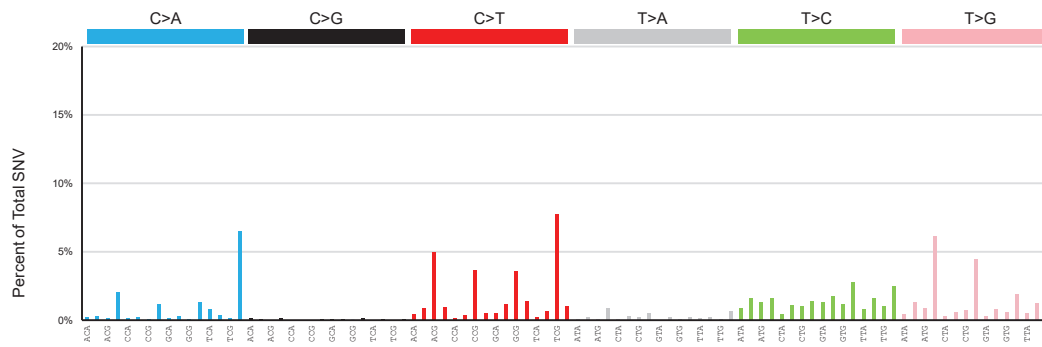
4802-Spleen



4802-Thymus

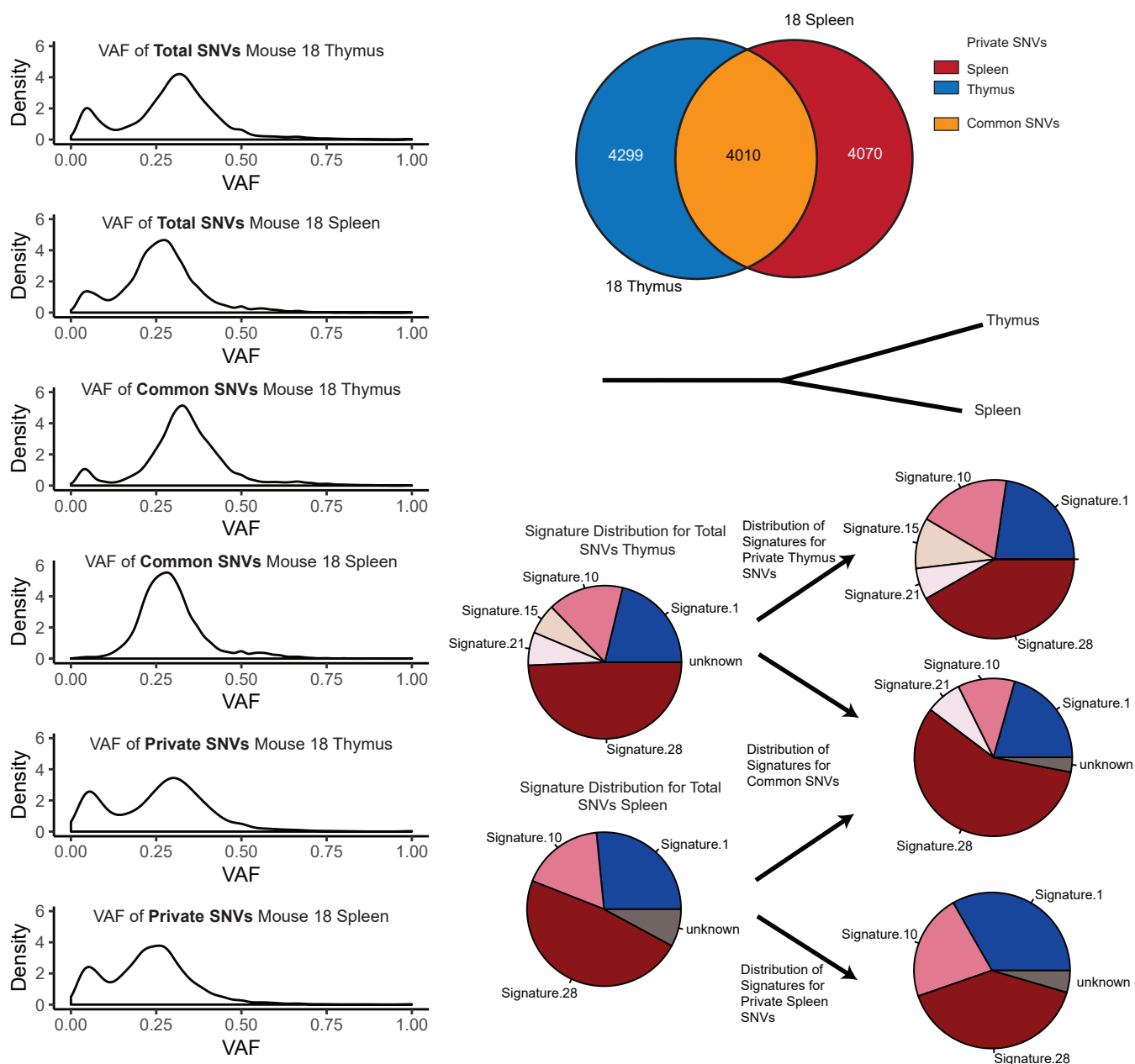


4812-Spleen

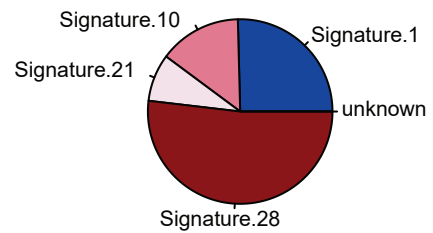
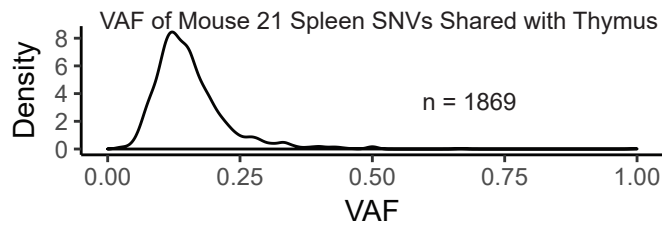
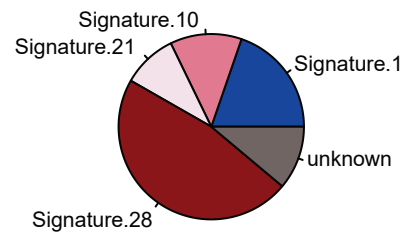
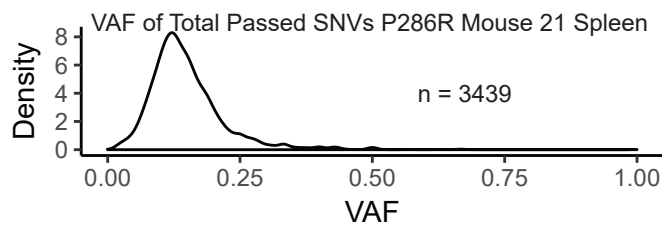
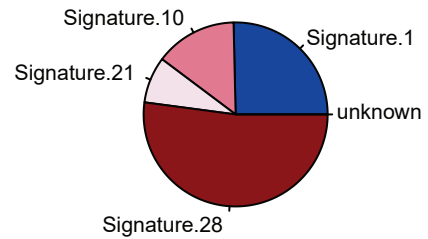
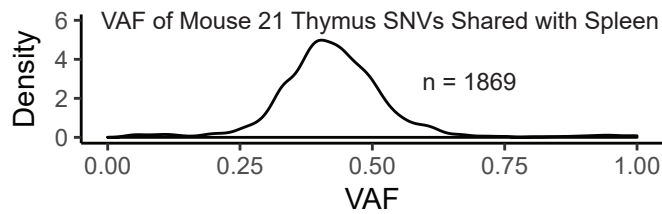
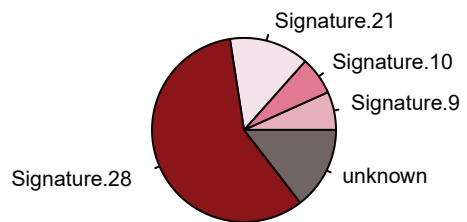
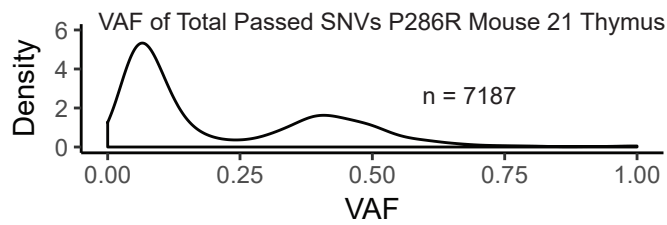
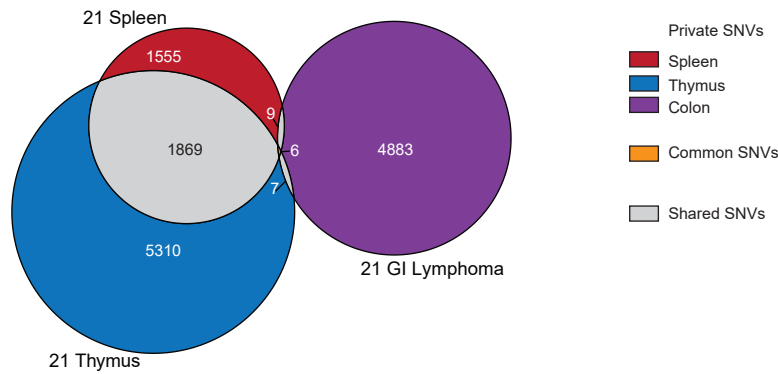


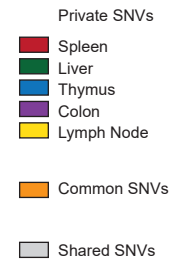
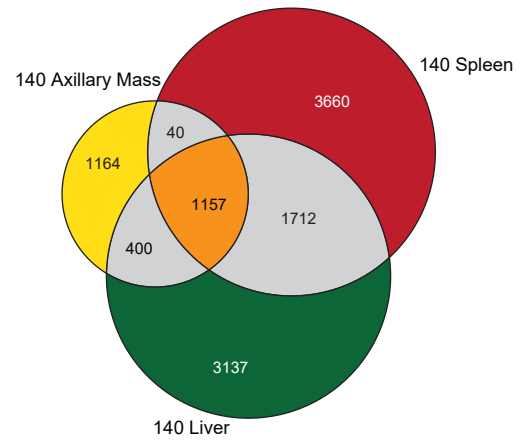
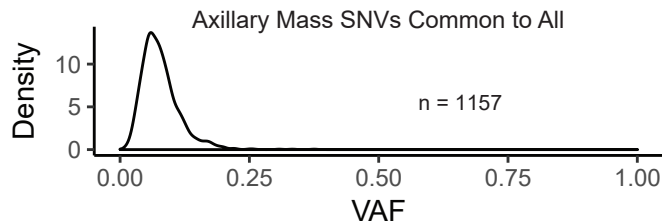
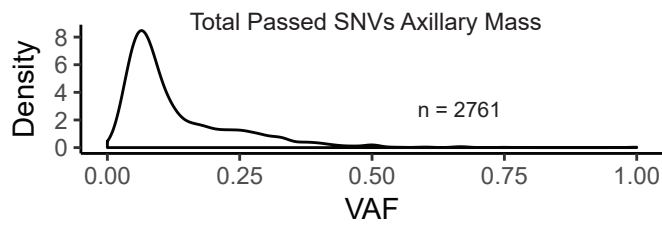
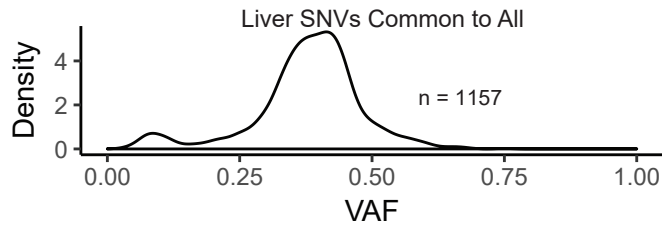
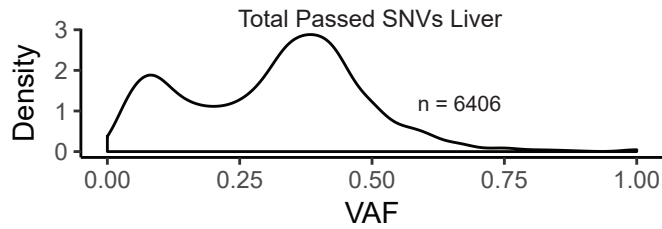
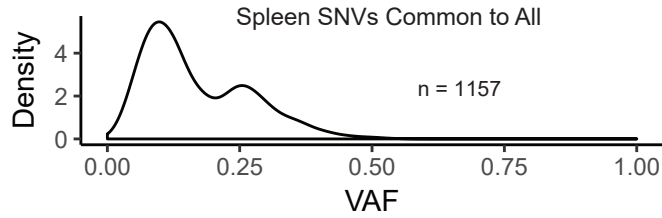
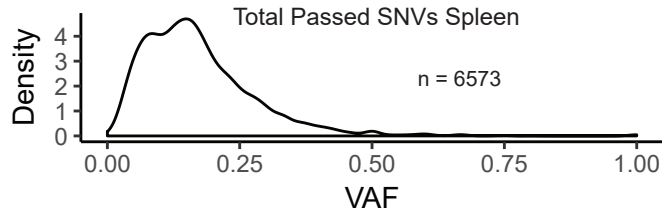
Supplementary Figure 5

S459F Mouse 18



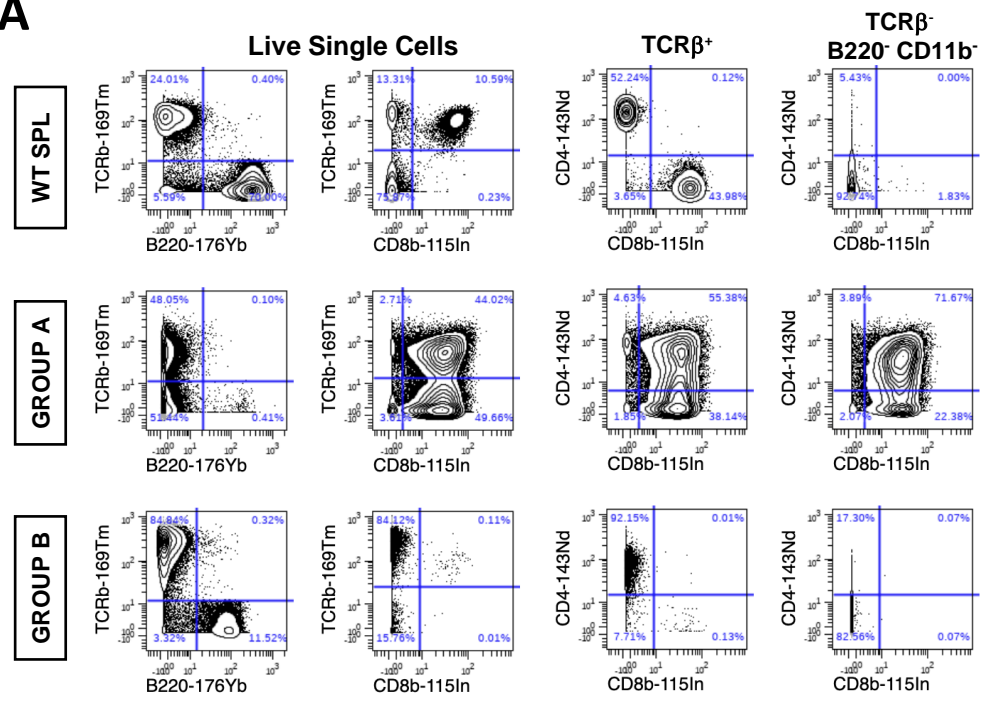
P286R Mouse 21



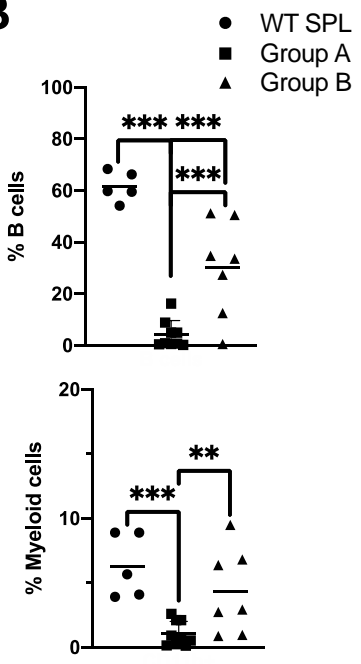


Supplementary Figure 6

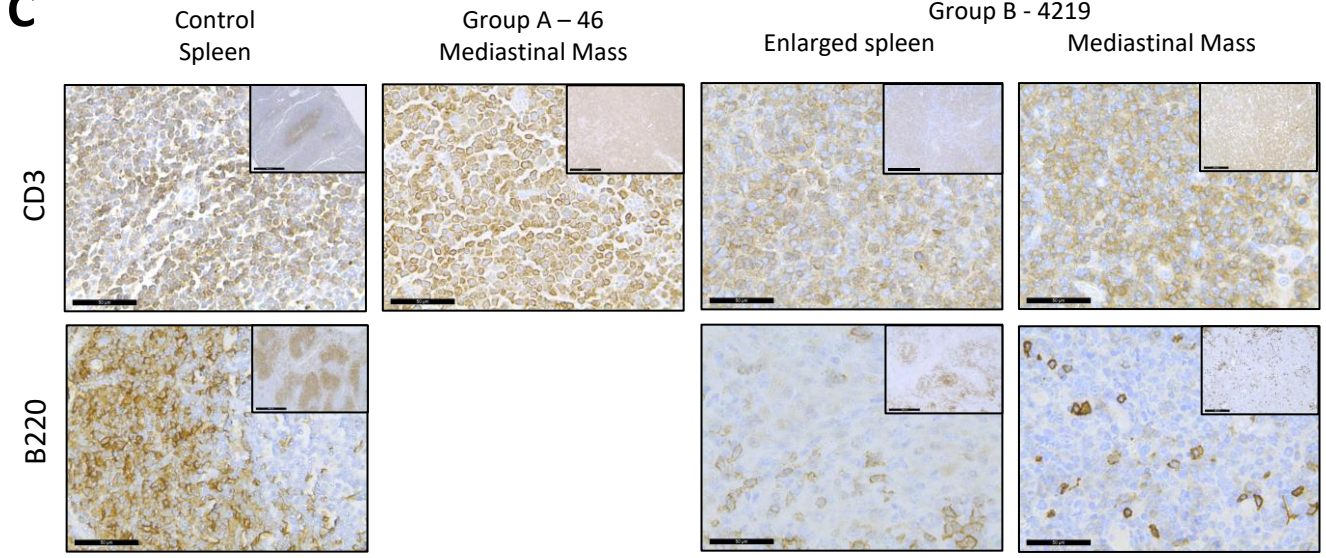
A



B



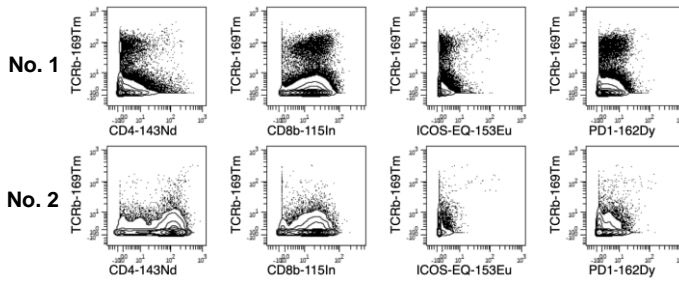
C



Supplementary Figure 7

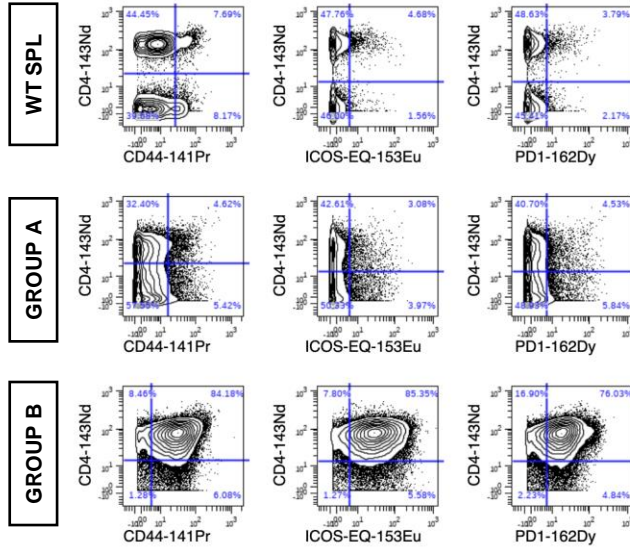
A

Atm^{-/-} Thymic Lymphomas



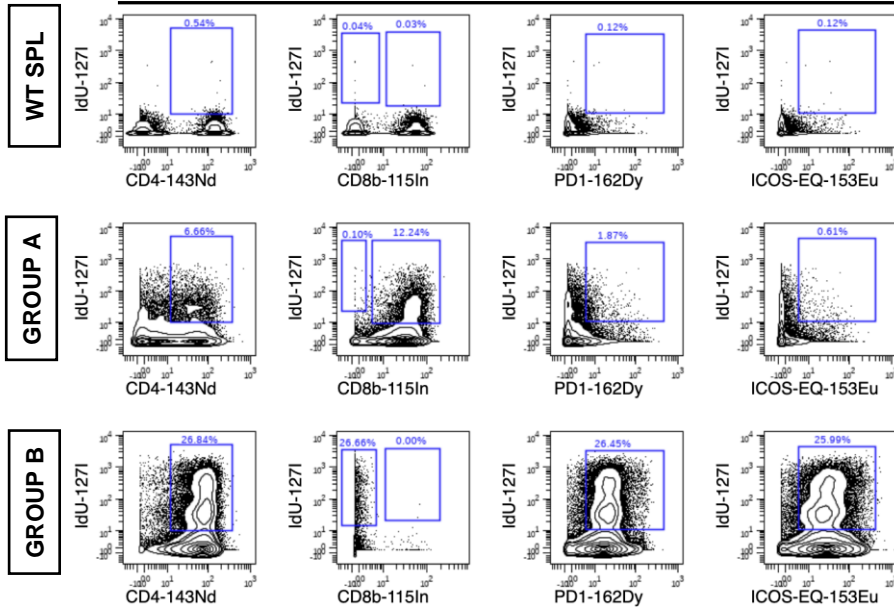
B

TCRβ⁺



C

TCRβ⁺



Supplementary Figure 8

