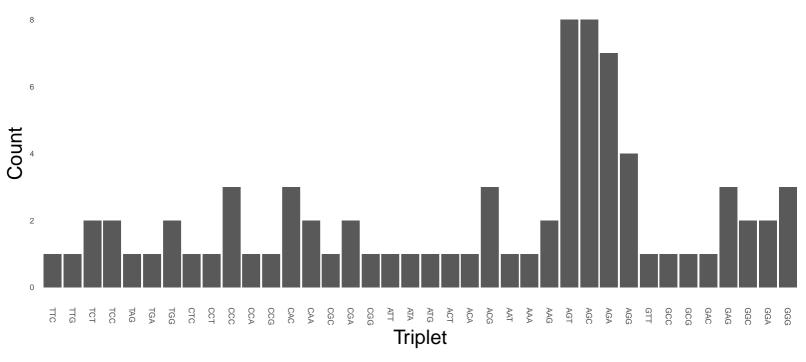
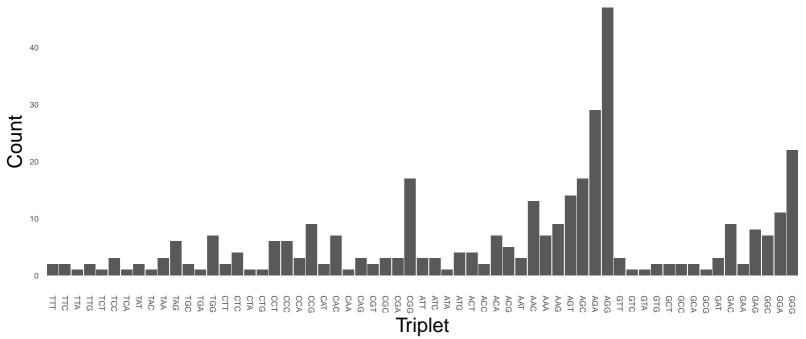


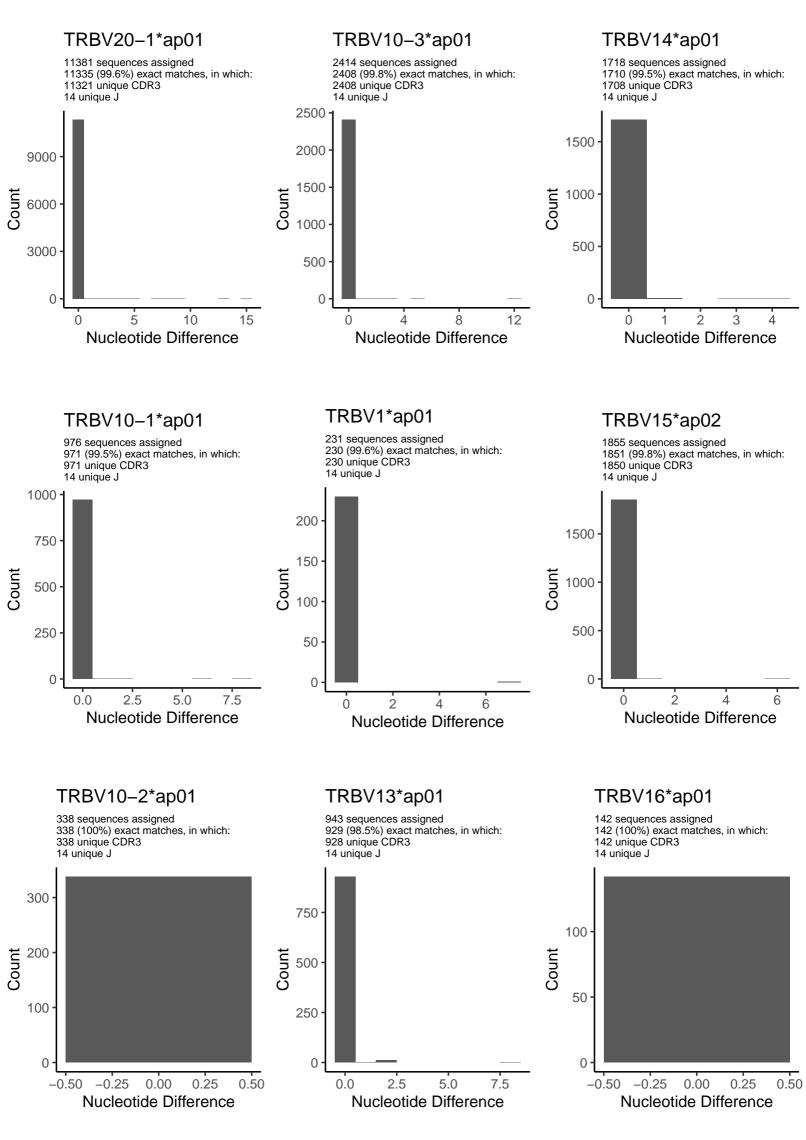
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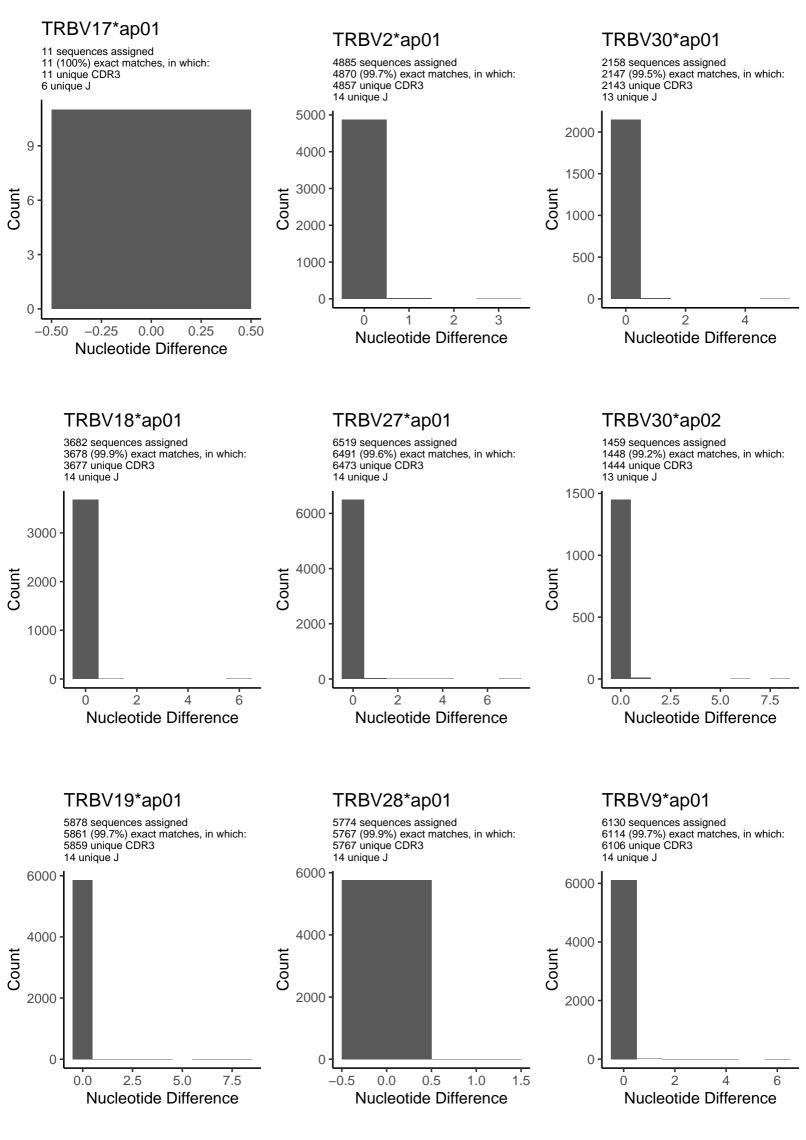
TRBV7-1*ap01_G291C_T296C_C314T- Final 3 nucleotides as a triplet

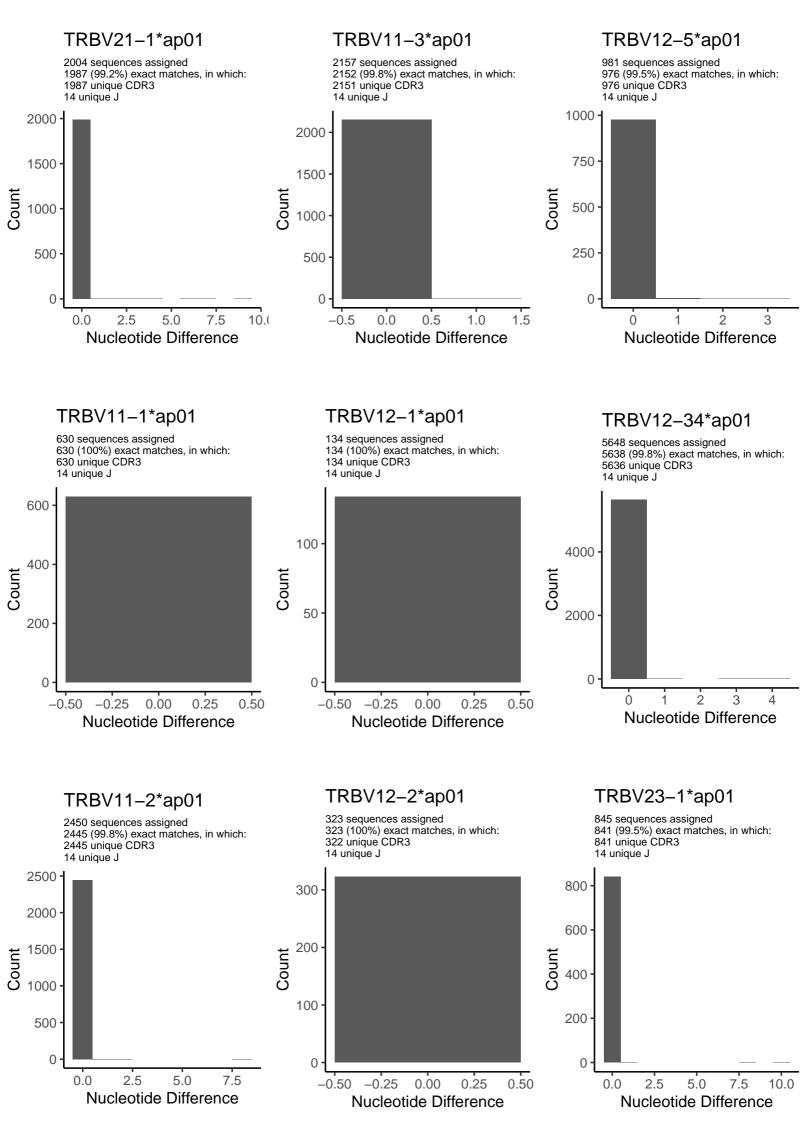


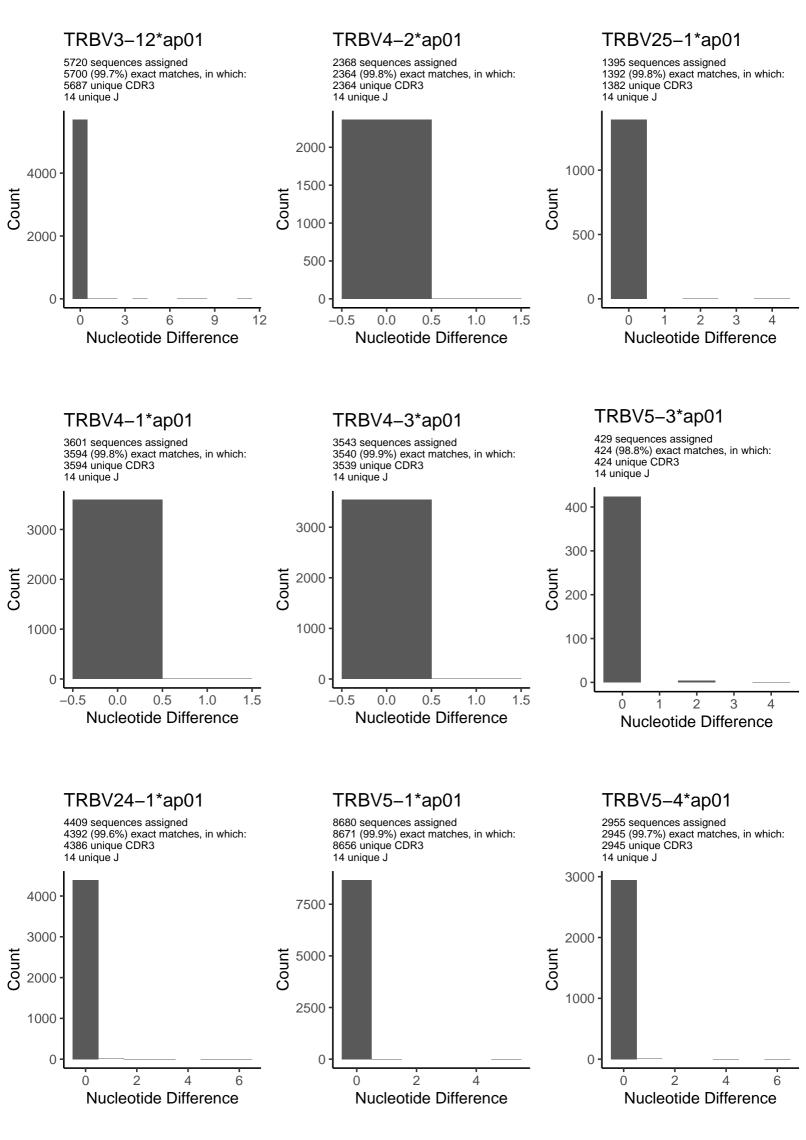
TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet

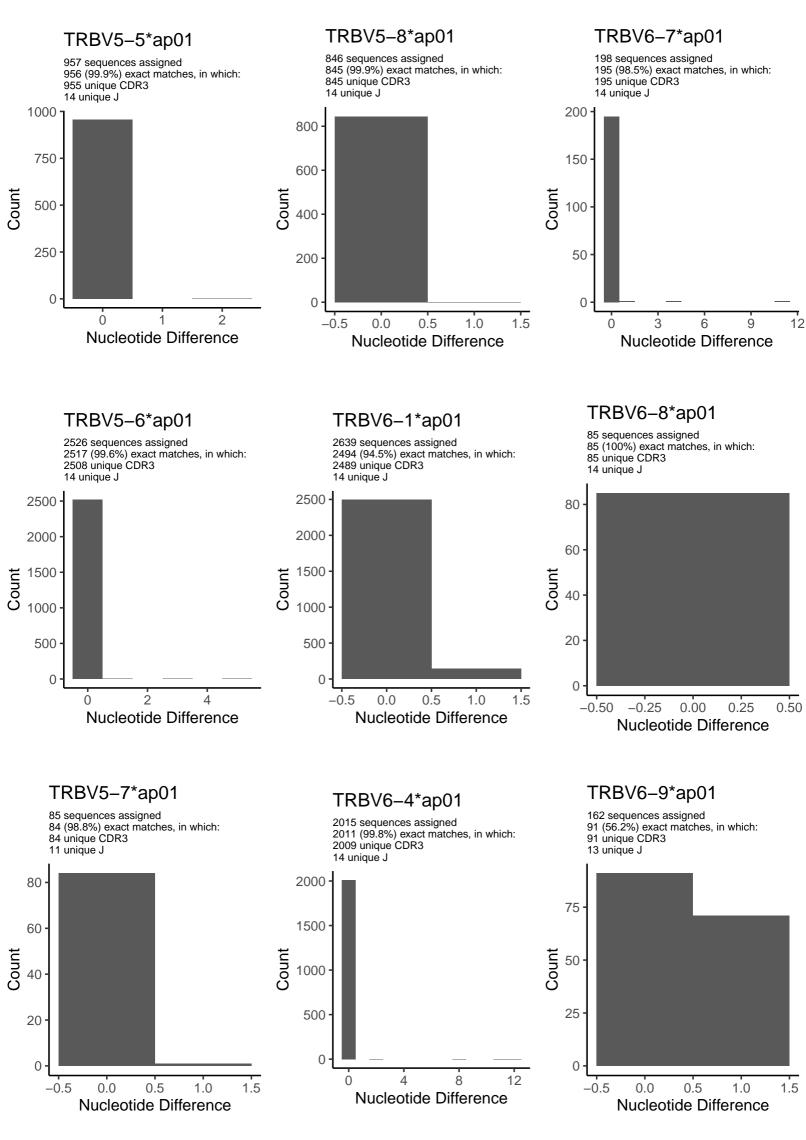


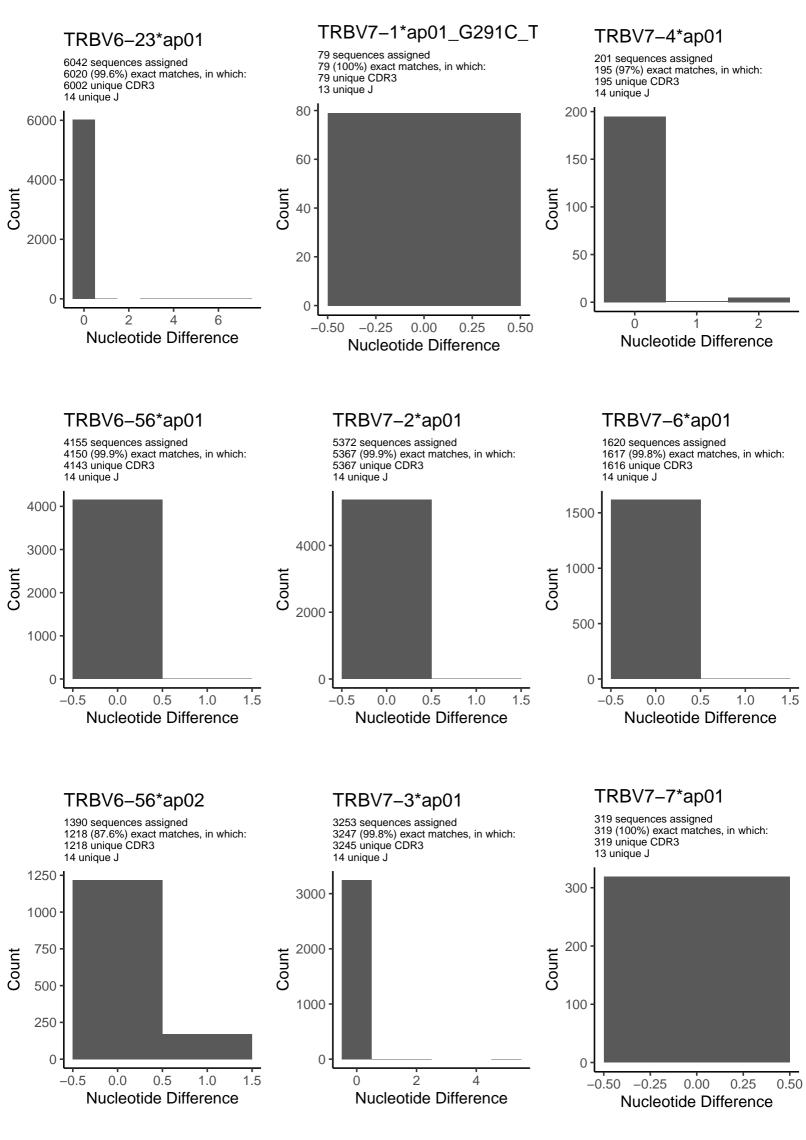






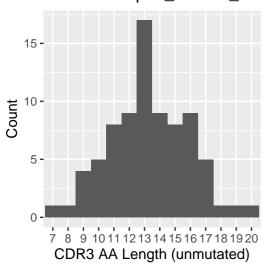


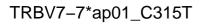


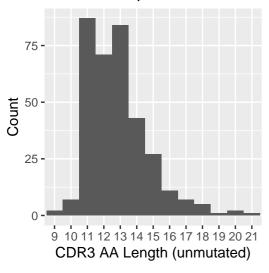


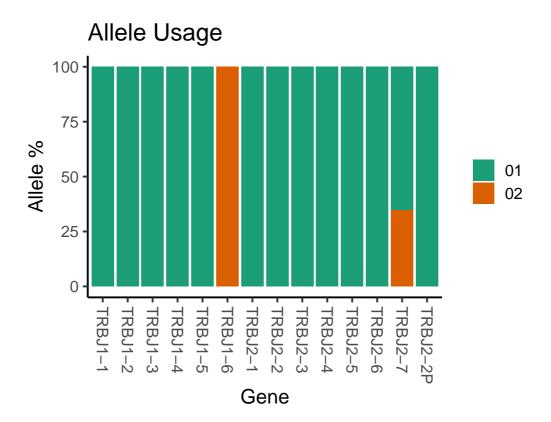
TRBV7-7*ap01_C315T TRBV7-9*ap01 348 sequences assigned 348 (100%) exact matches, in which: 348 unique CDR3 5220 sequences assigned 5212 (99.8%) exact matches, in which: 5211 unique CDR3 13 unique J 14 unique J 5000 300 4000 Count 200 3000 2000 100 1000 0 0 0 0.25 0.50 -0.50-0.250.00 **Nucleotide Difference** Nucleotide Difference TRBV7-8*ap01 TRBV29-1*ap01 1123 sequences assigned 1121 (99.8%) exact matches, in which: 2783 sequences assigned 2770 (99.5%) exact matches, in which: 1120 unique CDR3 2766 unique CDR3 14 unique J 15 unique J 900 2000 600 1000 300 0 0 1.5 0.0 0.5 1.0 -0.5**Nucleotide Difference Nucleotide Difference** TRBV7-8*ap03 TRBV29-1*ap02 676 sequences assigned 536 sequences assigned 476 (70.4%) exact matches, in which: 535 (99.8%) exact matches, in which: 476 unique CDR3 533 unique CDR3 14 unique J 14 unique J 400 400 Count 200 100 0 0 0.0 0.5 1.0 1.5 0.0 0.5 1.0 1.5 -0.5-0.5**Nucleotide Difference Nucleotide Difference**

TRBV7-1*ap01_G291C_T296C_C314T

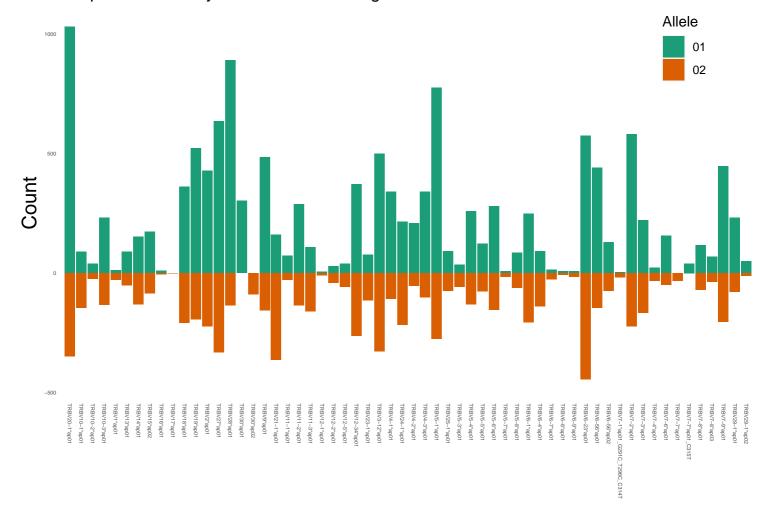








Sequence Count by TRBJ2-7 allele usage



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