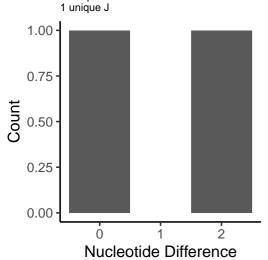
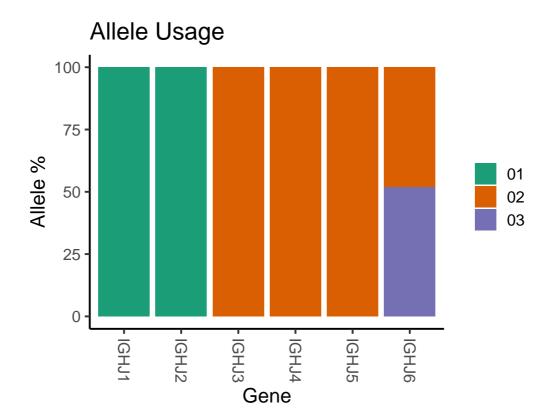


## IGHV6-1\*01\_02 IGHV4-61\*01 95 sequences assigned 79 (83.2%) exact matches, in which: 159 sequences assigned 137 (86.2%) exact matches, in which: 137 unique CDR3 79 unique CDR3 7 unique J 5 unique J 80 -60 100 Count Page 1 Count 50 20 0 0 3 **Nucleotide Difference Nucleotide Difference** IGHV4-61\*02 IGHV7-4-1\*01 163 sequences assigned 148 (90.8%) exact matches, in which: sequences assigned 1 (100%) exact matches, in which: 145 unique CDR3 1 unique CDR3 6 unique J 1 unique J 150 1.00 0.75 100 Count Count Count 50 0.25 0.00 0 -0.25 0.00 0.25 0.50 -0.50**Nucleotide Difference Nucleotide Difference** IGHV5-51\*01\_03 2 sequences assigned

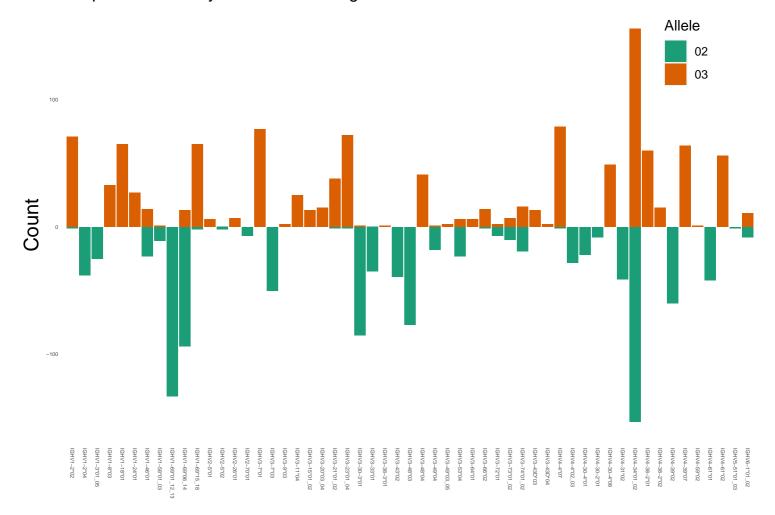


1 (50%) exact matches, in which:

1 unique CDR3



## Sequence Count by IGHJ6 allele usage



talling to more sequences out a	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	
Varning – no inferred sequences found.	