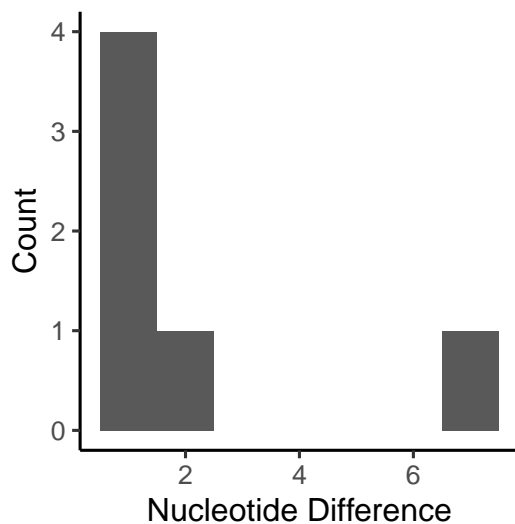


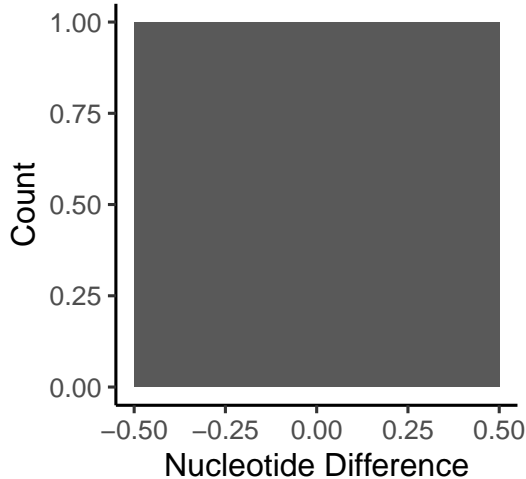
### IGLV10-54\*01

6 sequences assigned  
No exact matches.



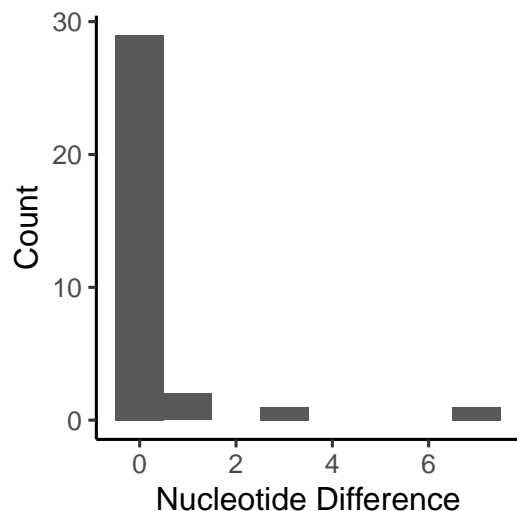
### IGLV1-41\*01

1 sequences assigned  
1 (100%) exact matches, in which:  
1 unique CDR3  
1 unique J



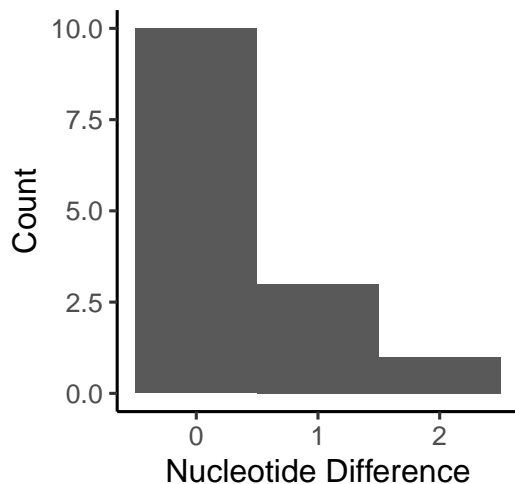
### IGLV1-51\*01

33 sequences assigned  
29 (87.9%) exact matches, in which:  
28 unique CDR3  
2 unique J



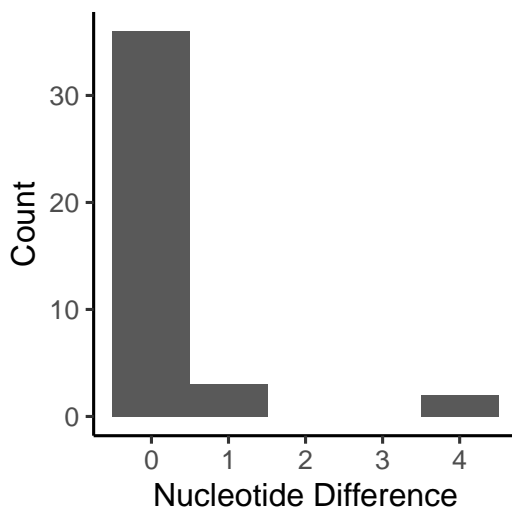
### IGLV1-36\*01

14 sequences assigned  
10 (71.4%) exact matches, in which:  
9 unique CDR3  
2 unique J



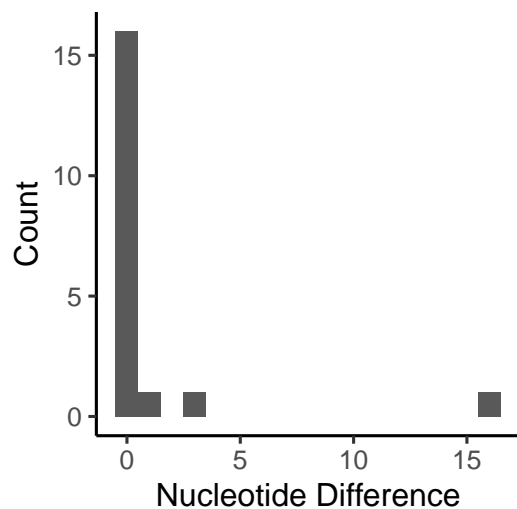
### IGLV1-44\*01

41 sequences assigned  
36 (87.8%) exact matches, in which:  
35 unique CDR3  
2 unique J



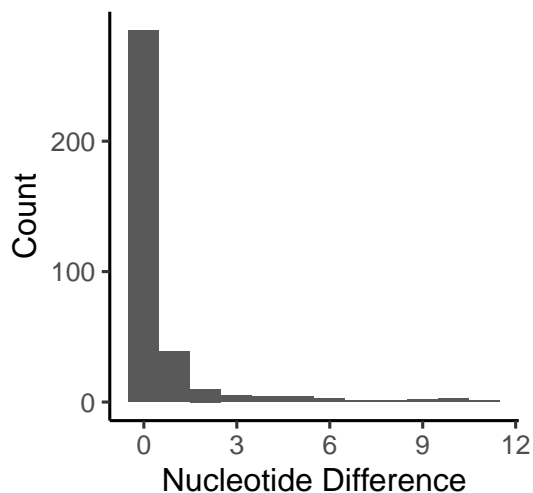
### IGLV1-51\*02

19 sequences assigned  
16 (84.2%) exact matches, in which:  
16 unique CDR3  
3 unique J



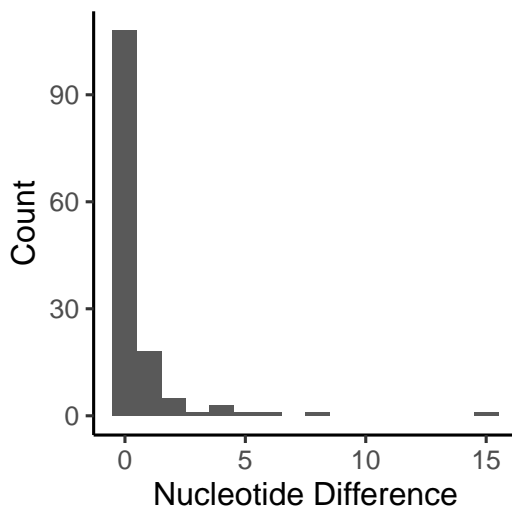
### IGLV1-40\*01

358 sequences assigned  
285 (79.6%) exact matches, in which:  
258 unique CDR3  
4 unique J



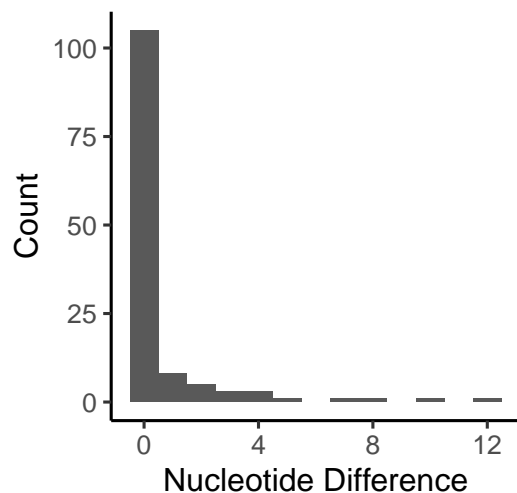
### IGLV1-47\*01

139 sequences assigned  
108 (77.7%) exact matches, in which:  
97 unique CDR3  
4 unique J



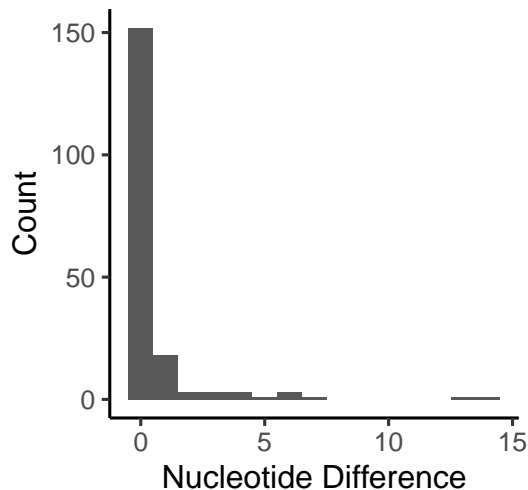
### IGLV2-8\*01

129 sequences assigned  
105 (81.4%) exact matches, in which:  
103 unique CDR3  
2 unique J



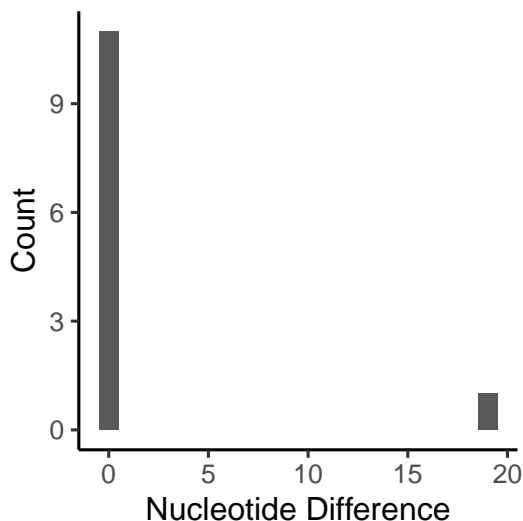
### IGLV2-11\*01

186 sequences assigned  
152 (81.7%) exact matches, in which:  
139 unique CDR3  
2 unique J



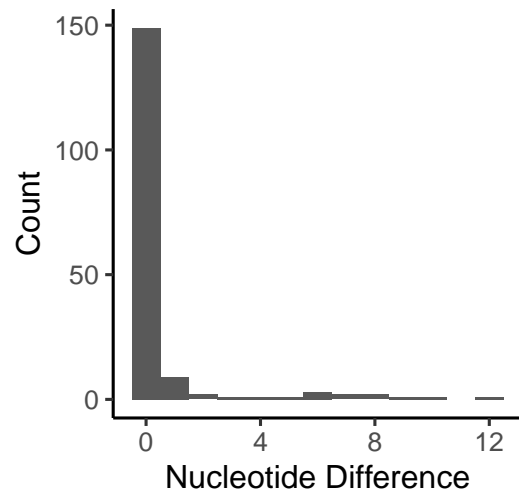
### IGLV2-18\*02

12 sequences assigned  
11 (91.7%) exact matches, in which:  
10 unique CDR3  
2 unique J



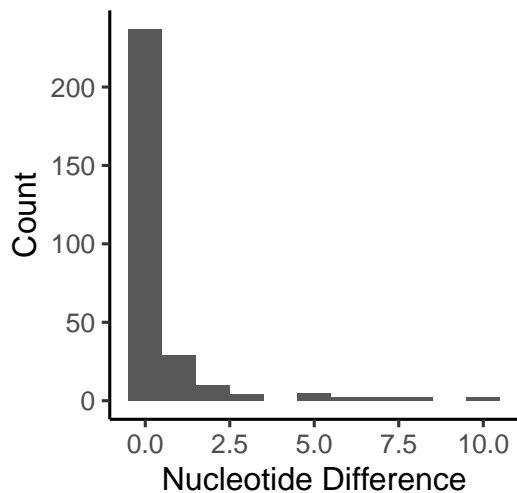
### IGLV3-1\*01

173 sequences assigned  
149 (86.1%) exact matches, in which:  
142 unique CDR3  
3 unique J



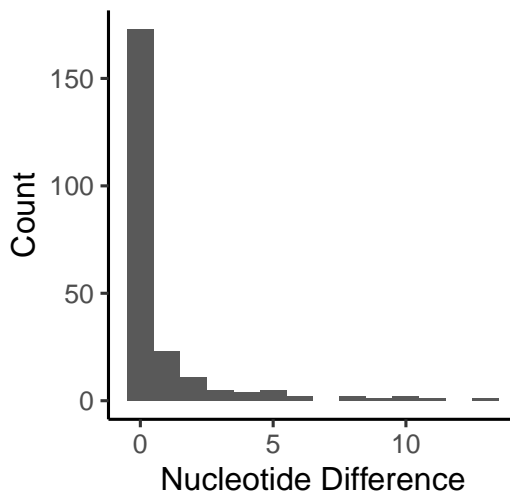
### IGLV2-14\*01

293 sequences assigned  
237 (80.9%) exact matches, in which:  
225 unique CDR3  
2 unique J



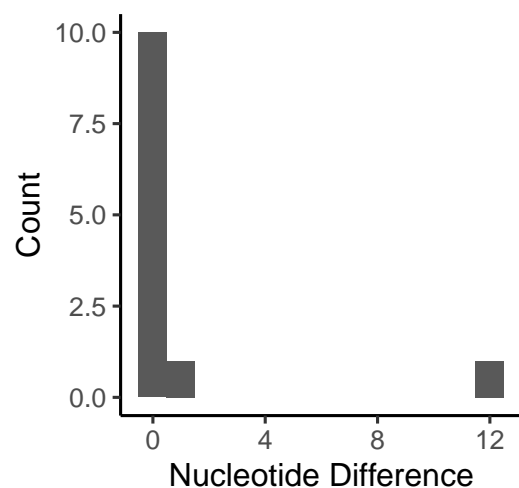
### IGLV2-23\*02EXT5

230 sequences assigned  
173 (75.2%) exact matches, in which:  
165 unique CDR3  
2 unique J



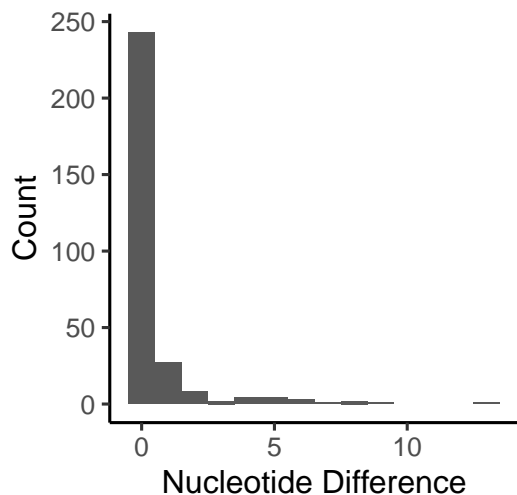
### IGLV3-9\*01EXT5

12 sequences assigned  
10 (83.3%) exact matches, in which:  
10 unique CDR3  
2 unique J



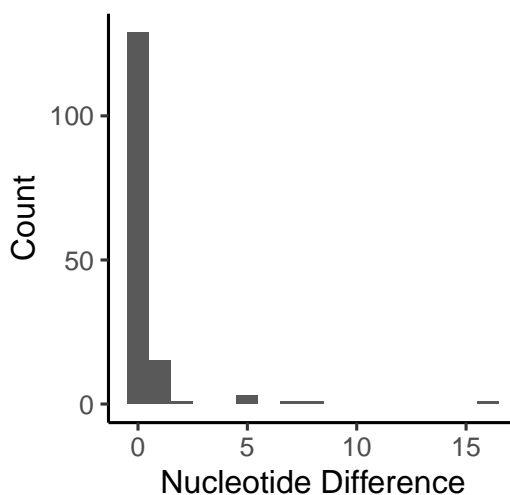
### IGLV2-14\*03EXT3

296 sequences assigned  
243 (82.1%) exact matches, in which:  
234 unique CDR3  
2 unique J



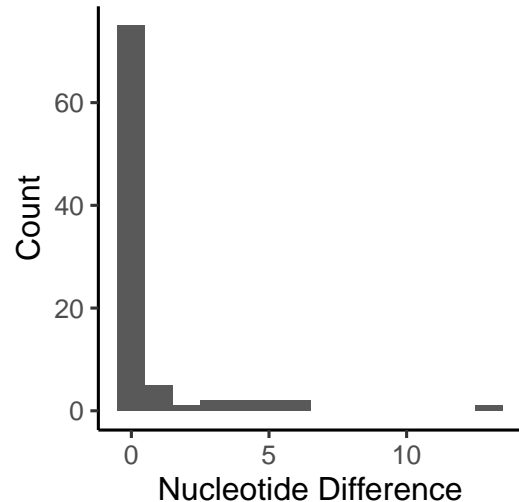
### IGLV2-23\*03EXT5

151 sequences assigned  
129 (85.4%) exact matches, in which:  
124 unique CDR3  
2 unique J



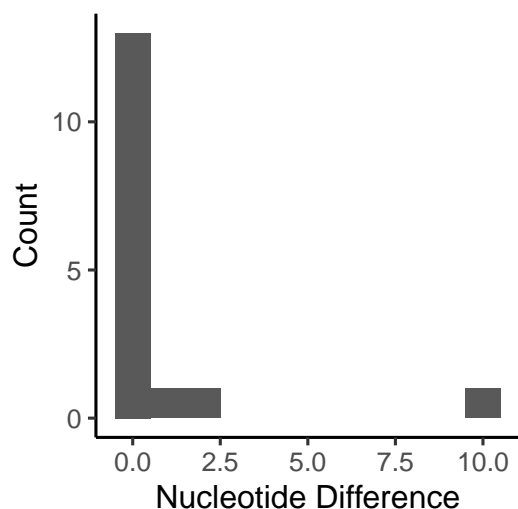
### IGLV3-10\*01

90 sequences assigned  
75 (83.3%) exact matches, in which:  
74 unique CDR3  
2 unique J



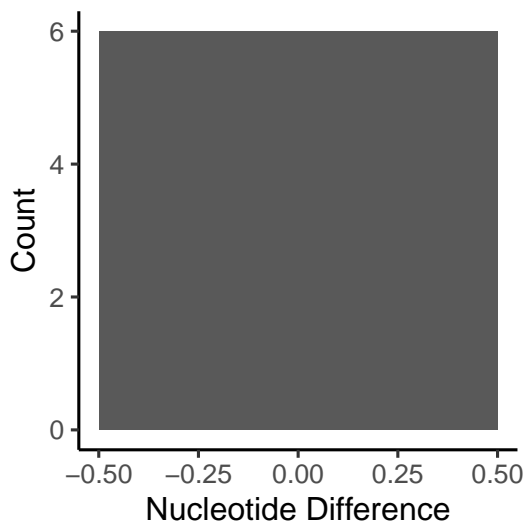
### IGLV3-16\*01

16 sequences assigned  
13 (81.2%) exact matches, in which:  
13 unique CDR3  
3 unique J



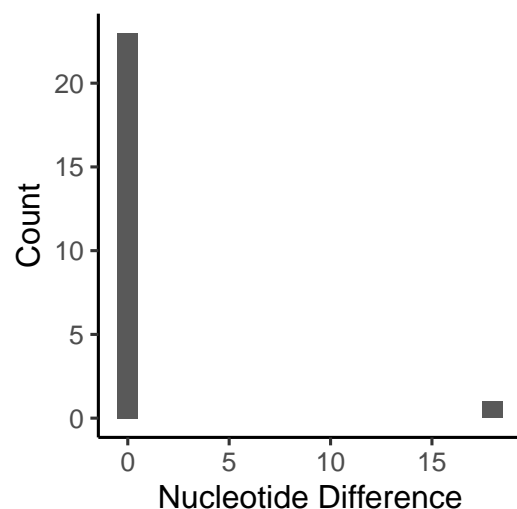
### IGLV3-22\*01

6 sequences assigned  
6 (100%) exact matches, in which:  
6 unique CDR3  
2 unique J



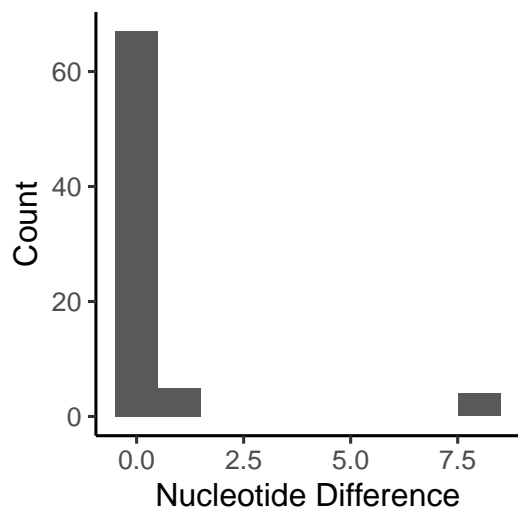
### IGLV3-27\*01

24 sequences assigned  
23 (95.8%) exact matches, in which:  
23 unique CDR3  
2 unique J



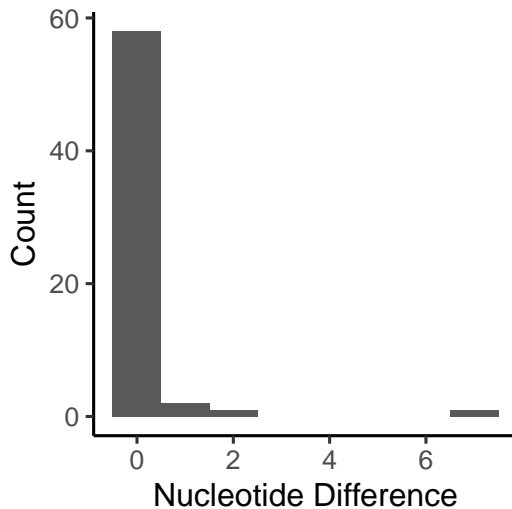
### IGLV3-19\*01

76 sequences assigned  
67 (88.2%) exact matches, in which:  
62 unique CDR3  
3 unique J



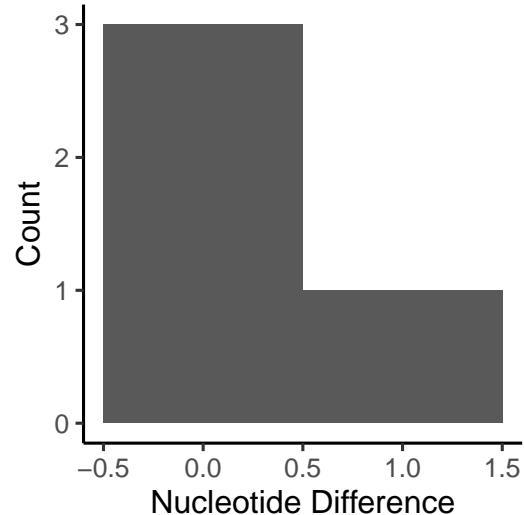
### IGLV3-25\*02

62 sequences assigned  
58 (93.5%) exact matches, in which:  
55 unique CDR3  
2 unique J



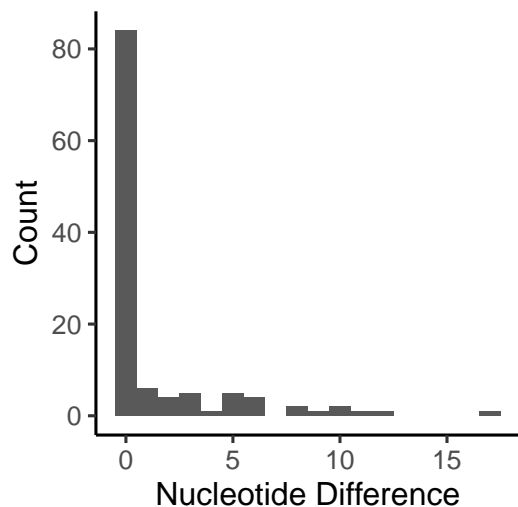
### IGLV4-60\*02

4 sequences assigned  
3 (75%) exact matches, in which:  
3 unique CDR3  
1 unique J



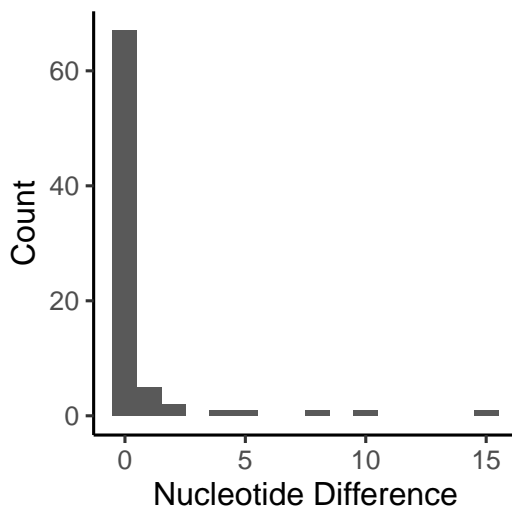
### IGLV3-21\*02

117 sequences assigned  
84 (71.8%) exact matches, in which:  
78 unique CDR3  
2 unique J



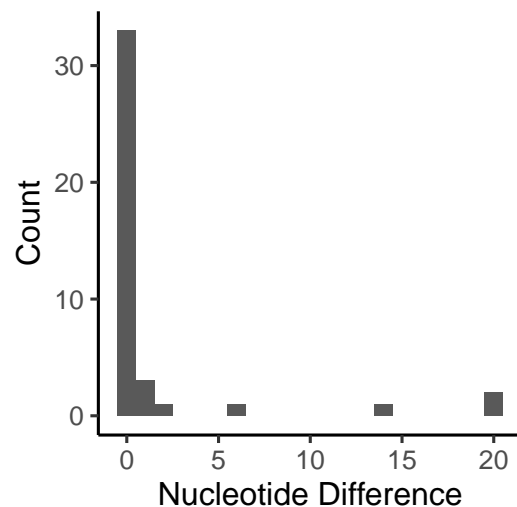
### IGLV3-25\*03

79 sequences assigned  
67 (84.8%) exact matches, in which:  
66 unique CDR3  
2 unique J



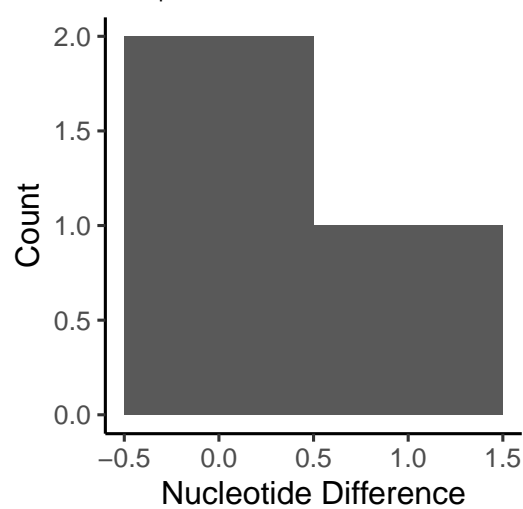
### IGLV4-69\*01

41 sequences assigned  
33 (80.5%) exact matches, in which:  
29 unique CDR3  
3 unique J



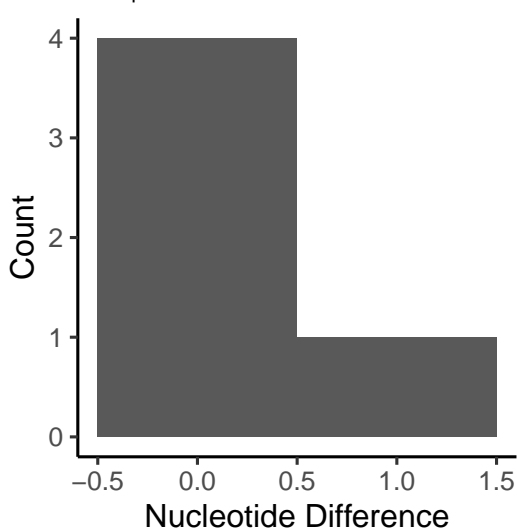
### IGLV5–39\*01

3 sequences assigned  
2 (66.7%) exact matches, in which:  
2 unique CDR3  
1 unique J



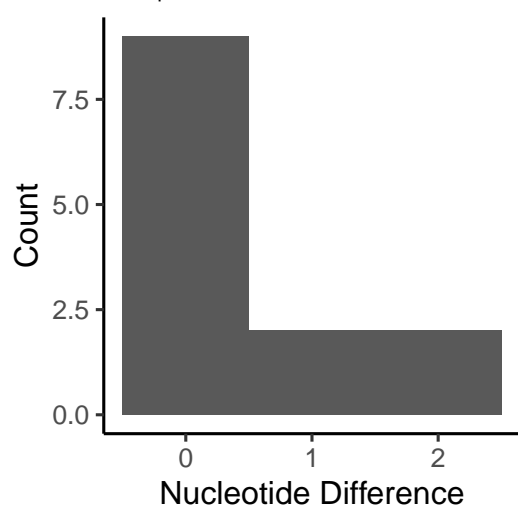
### IGLV6–57\*02

5 sequences assigned  
4 (80%) exact matches, in which:  
4 unique CDR3  
1 unique J



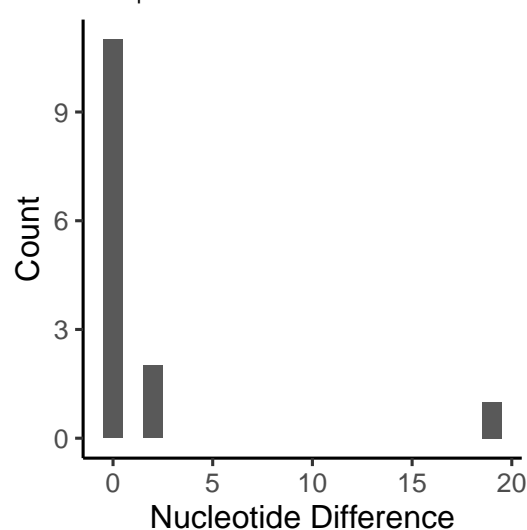
### IGLV8–61\*01

13 sequences assigned  
9 (69.2%) exact matches, in which:  
9 unique CDR3  
2 unique J



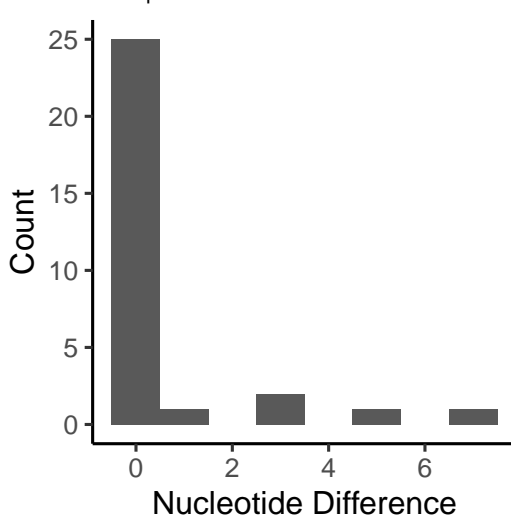
### IGLV5–45\*01

14 sequences assigned  
11 (78.6%) exact matches, in which:  
7 unique CDR3  
2 unique J



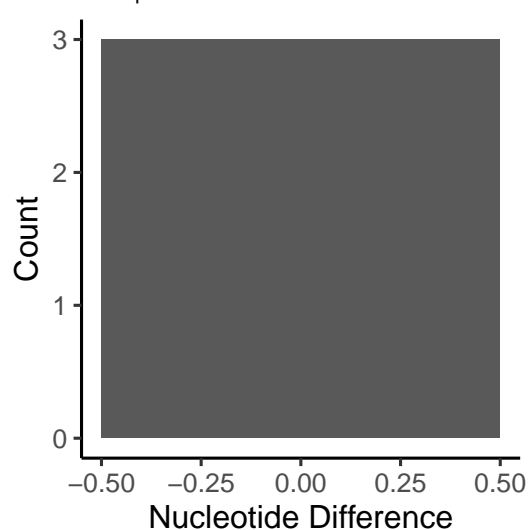
### IGLV7–43\*01

30 sequences assigned  
25 (83.3%) exact matches, in which:  
23 unique CDR3  
2 unique J



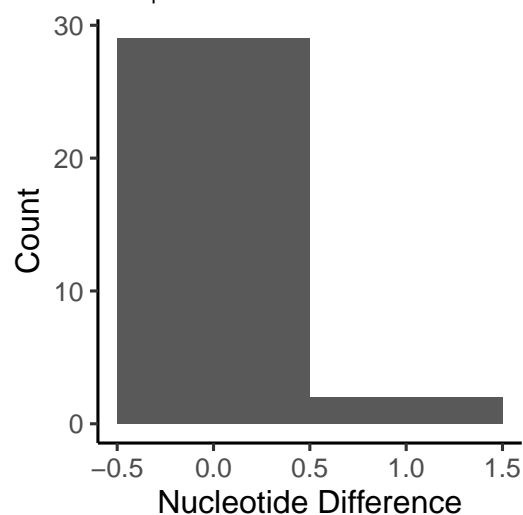
### IGLV9–49\*01

3 sequences assigned  
3 (100%) exact matches, in which:  
3 unique CDR3  
1 unique J



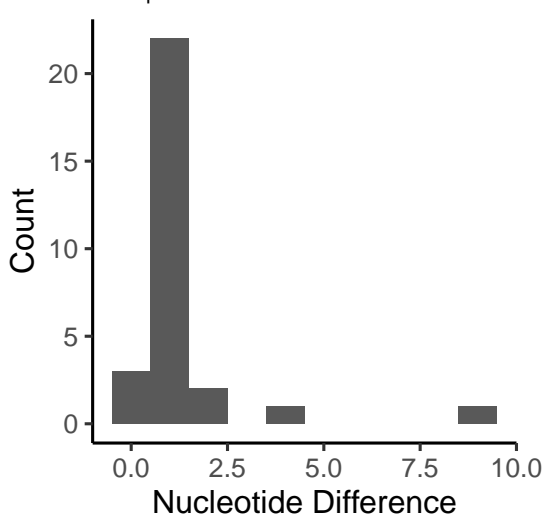
### IGLV6–57\*01

31 sequences assigned  
29 (93.5%) exact matches, in which:  
27 unique CDR3  
2 unique J

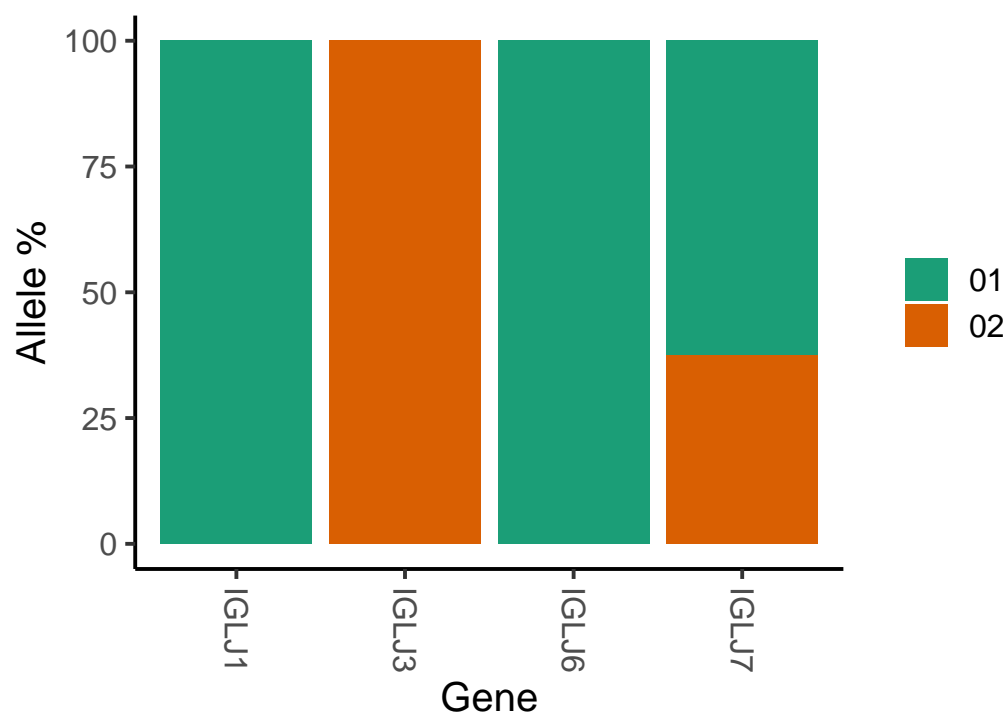


### IGLV7–46\*01

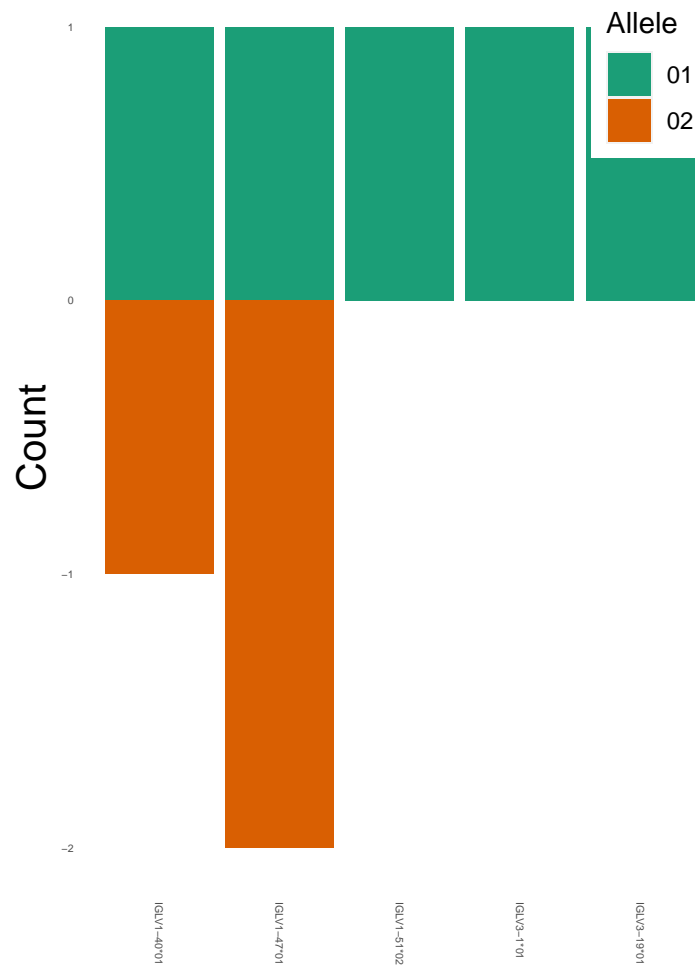
29 sequences assigned  
3 (10.3%) exact matches, in which:  
2 unique CDR3  
1 unique J



Allele Usage



Sequence Count by IGLJ7 allele usage



Warning – no inferred sequences found.