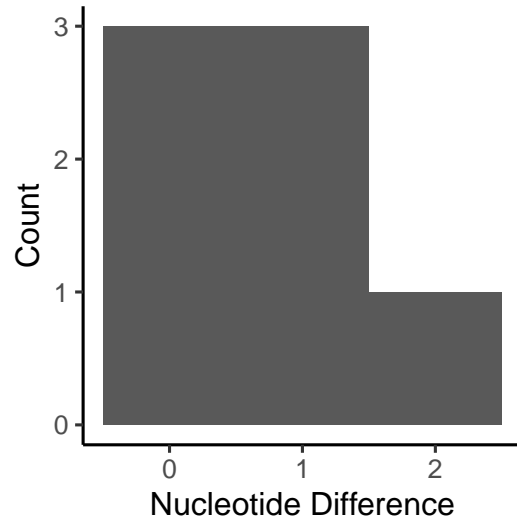


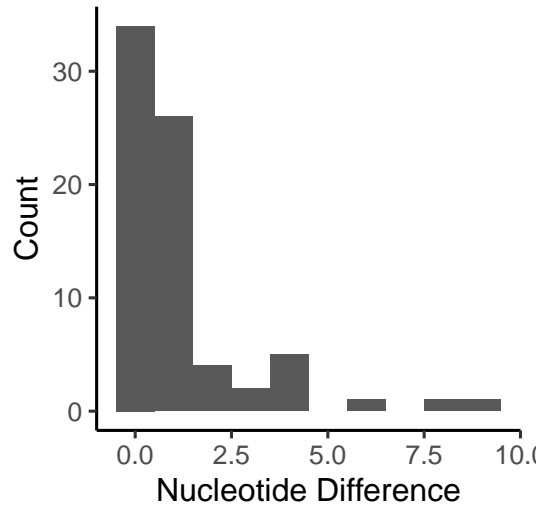
### IGLV10-54\*01

7 sequences assigned  
3 (42.9%) exact matches, in which:  
3 unique CDR3  
1 unique J



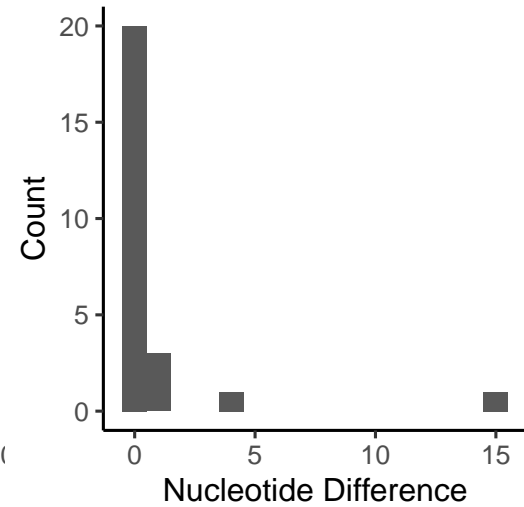
### IGLV1-44\*01

74 sequences assigned  
34 (45.9%) exact matches, in which:  
32 unique CDR3  
2 unique J



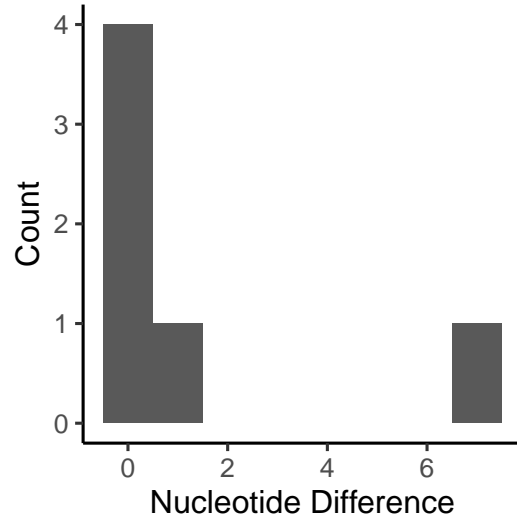
### IGLV1-51\*01

25 sequences assigned  
20 (80%) exact matches, in which:  
17 unique CDR3  
3 unique J



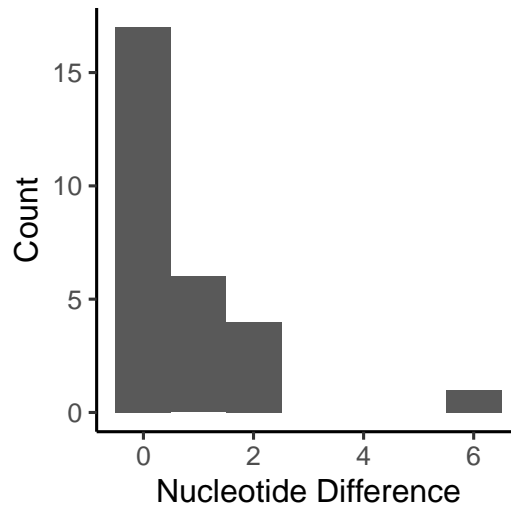
### IGLV1-36\*01

6 sequences assigned  
4 (66.7%) exact matches, in which:  
4 unique CDR3  
2 unique J



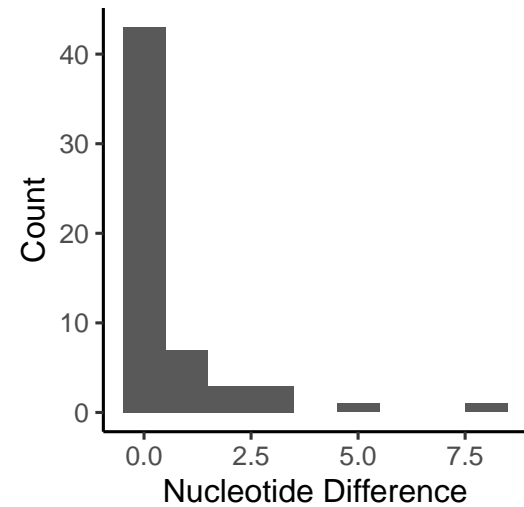
### IGLV1-47\*01

28 sequences assigned  
17 (60.7%) exact matches, in which:  
17 unique CDR3  
3 unique J



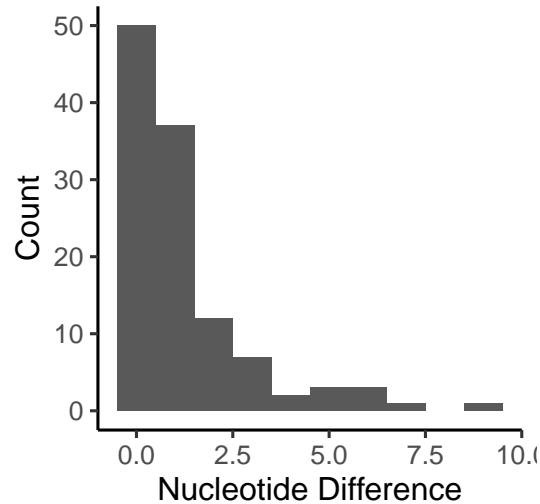
### IGLV2-8\*01

58 sequences assigned  
43 (74.1%) exact matches, in which:  
42 unique CDR3  
2 unique J



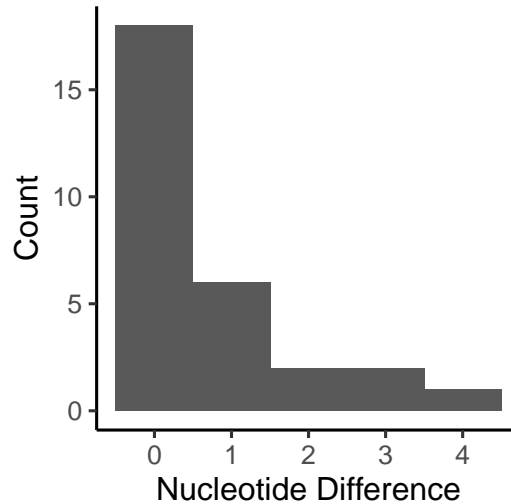
### IGLV1-40\*01

116 sequences assigned  
50 (43.1%) exact matches, in which:  
48 unique CDR3  
3 unique J



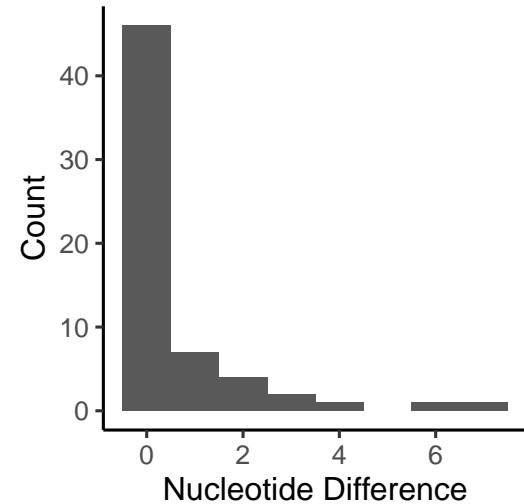
### IGLV1-47\*02

29 sequences assigned  
18 (62.1%) exact matches, in which:  
16 unique CDR3  
3 unique J



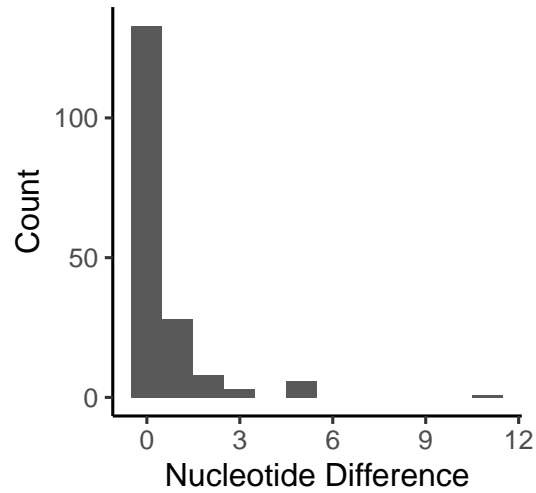
### IGLV2-11\*01

62 sequences assigned  
46 (74.2%) exact matches, in which:  
39 unique CDR3  
2 unique J



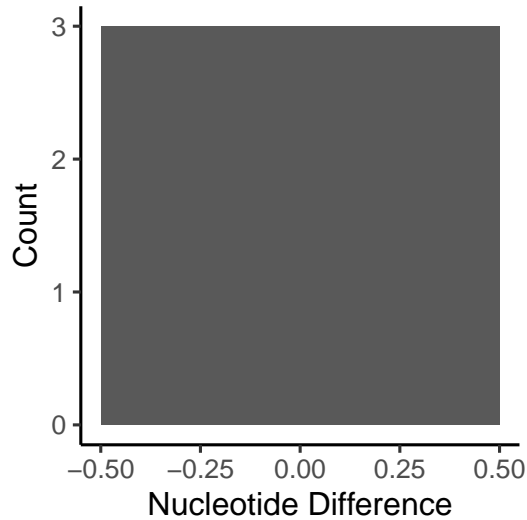
### IGLV2-14\*01

179 sequences assigned  
133 (74.3%) exact matches, in which:  
122 unique CDR3  
3 unique J



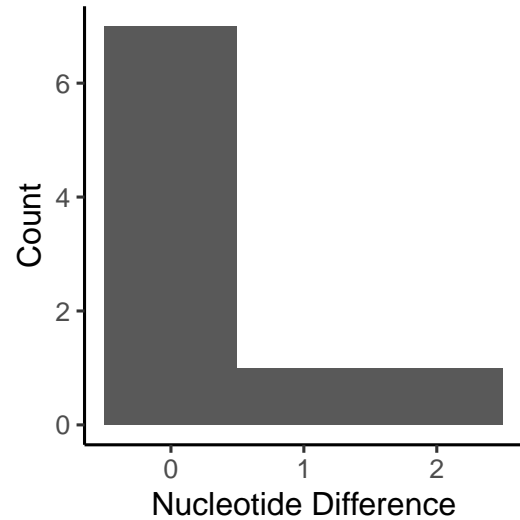
### IGLV2-23\*01

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



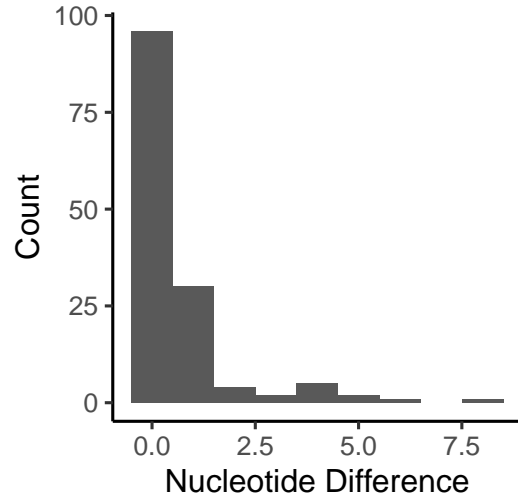
### IGLV3-9\*01EXT5

9 sequences assigned  
7 (77.8%) exact matches, in which:  
7 unique CDR3  
2 unique J



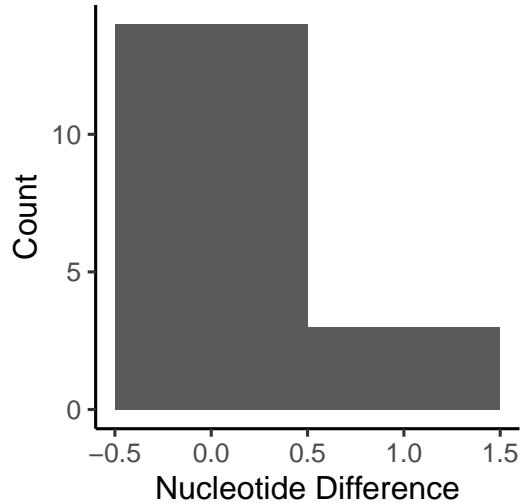
### IGLV2-14\*04EXT3

141 sequences assigned  
96 (68.1%) exact matches, in which:  
93 unique CDR3  
2 unique J



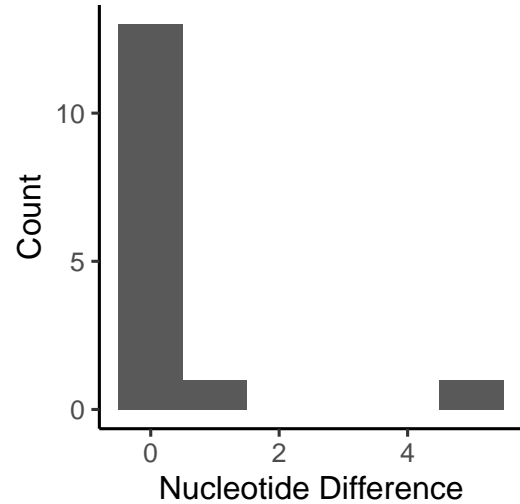
### IGLV2-23\*03EXT5

17 sequences assigned  
14 (82.4%) exact matches, in which:  
14 unique CDR3  
2 unique J



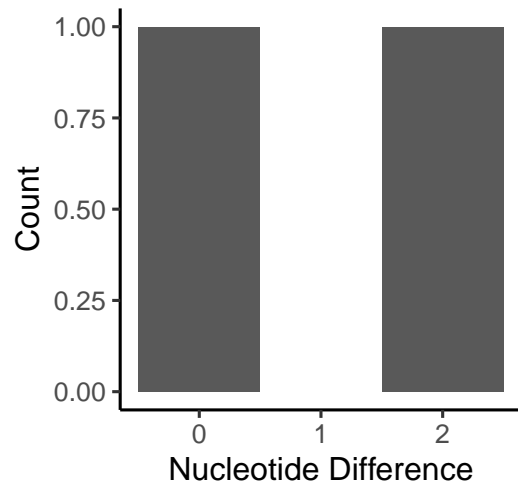
### IGLV3-10\*01

15 sequences assigned  
13 (86.7%) exact matches, in which:  
13 unique CDR3  
2 unique J



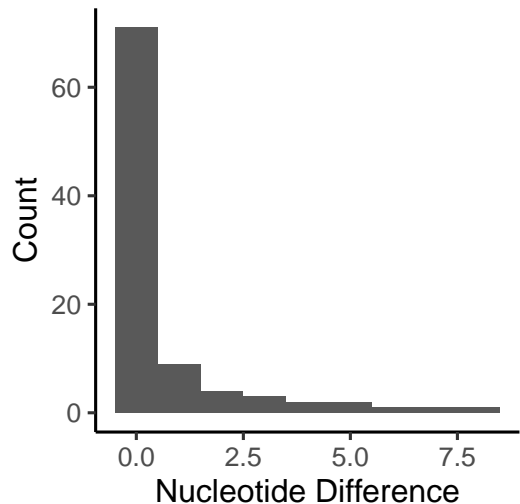
### IGLV2-18\*01

2 sequences assigned  
1 (50%) exact matches, in which:  
1 unique CDR3  
1 unique J



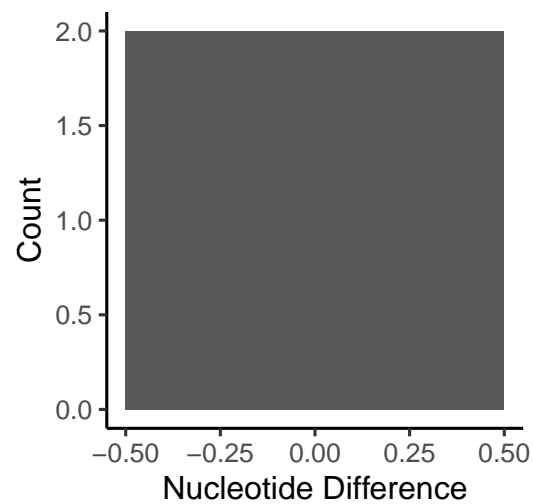
### IGLV3-1\*01

94 sequences assigned  
71 (75.5%) exact matches, in which:  
66 unique CDR3  
2 unique J



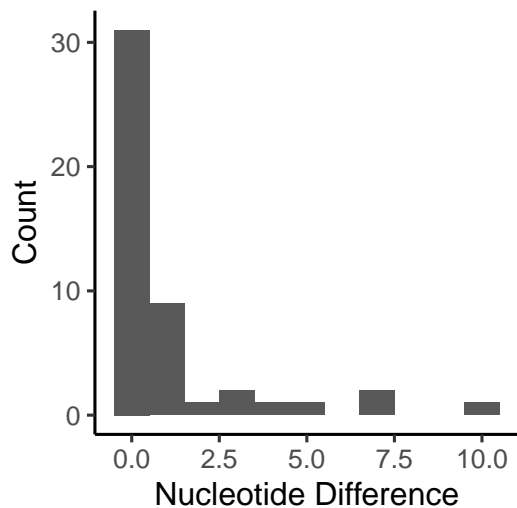
### IGLV3-16\*01

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



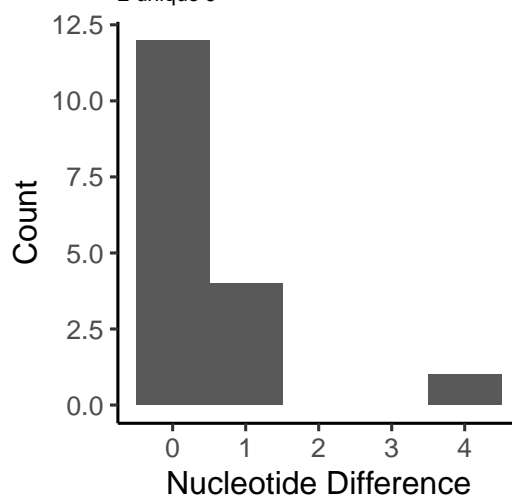
### IGLV3-19\*01

48 sequences assigned  
31 (64.6%) exact matches, in which:  
30 unique CDR3  
2 unique J



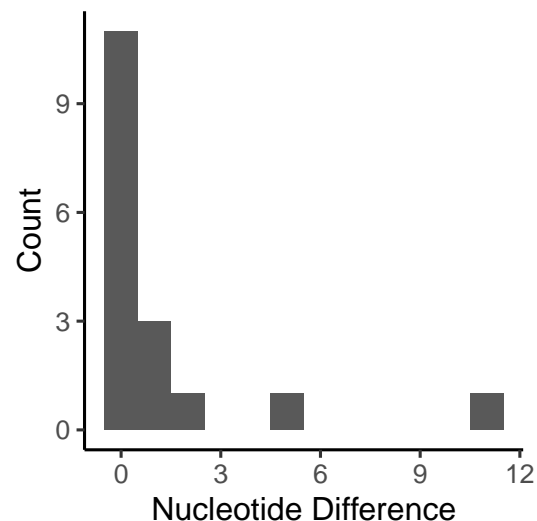
### IGLV3-25\*03

17 sequences assigned  
12 (70.6%) exact matches, in which:  
12 unique CDR3  
2 unique J



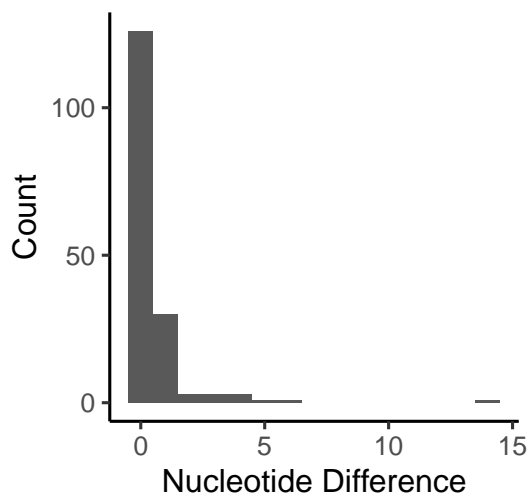
### IGLV4-69\*01

17 sequences assigned  
11 (64.7%) exact matches, in which:  
10 unique CDR3  
1 unique J



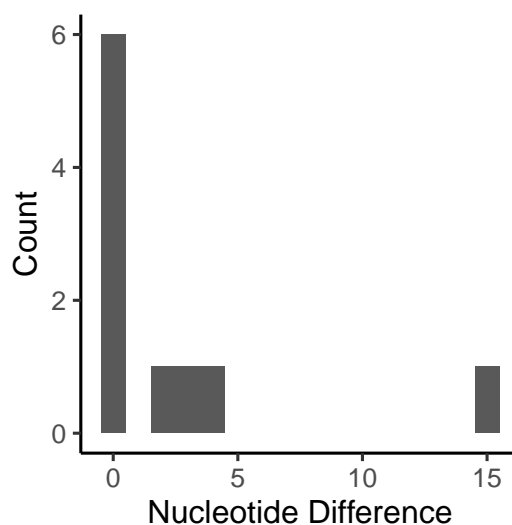
### IGLV3-21\*02

172 sequences assigned  
126 (73.3%) exact matches, in which:  
107 unique CDR3  
4 unique J



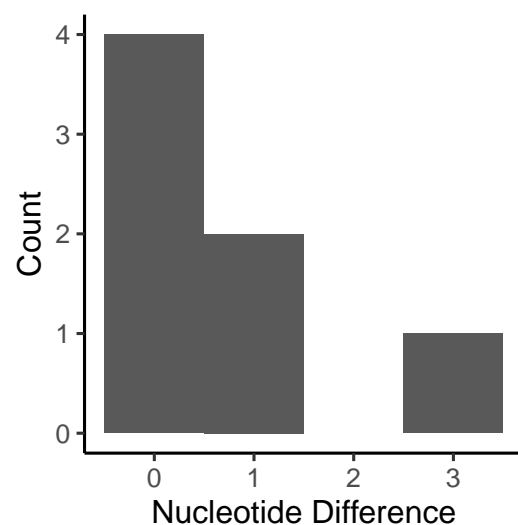
### IGLV3-27\*01

10 sequences assigned  
6 (60%) exact matches, in which:  
5 unique CDR3  
2 unique J



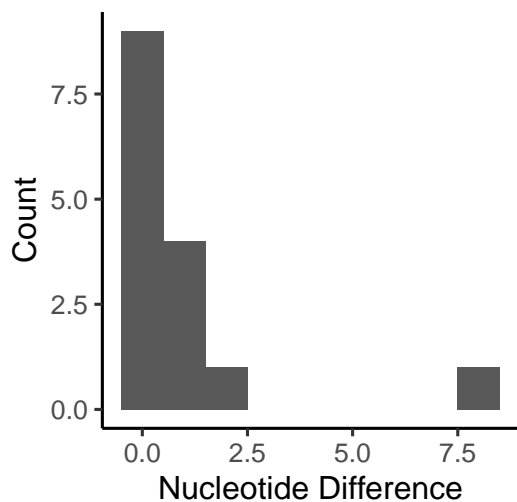
### IGLV5-45\*02

7 sequences assigned  
4 (57.1%) exact matches, in which:  
4 unique CDR3  
2 unique J



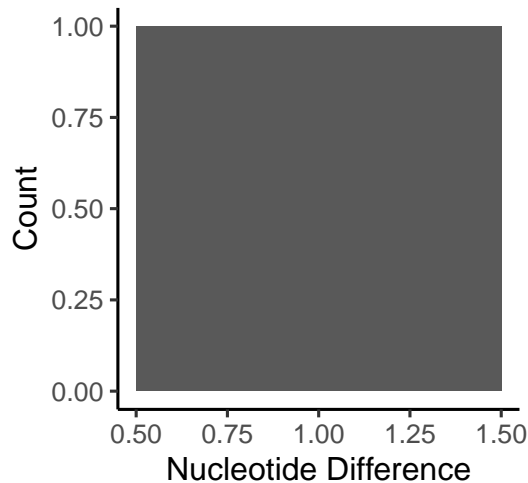
### IGLV3-25\*02

15 sequences assigned  
9 (60%) exact matches, in which:  
9 unique CDR3  
2 unique J



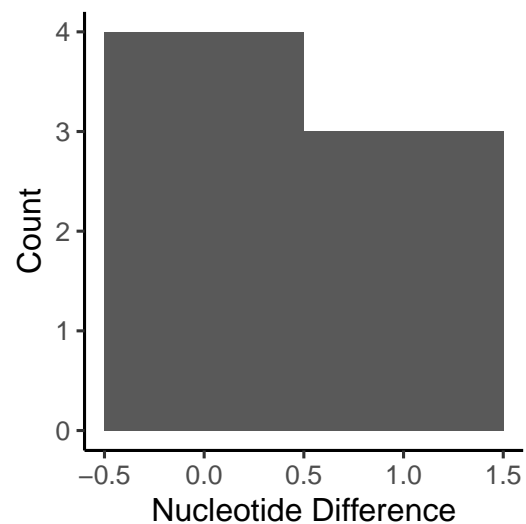
### IGLV4-60\*03EXT5

1 sequences assigned  
No exact matches.



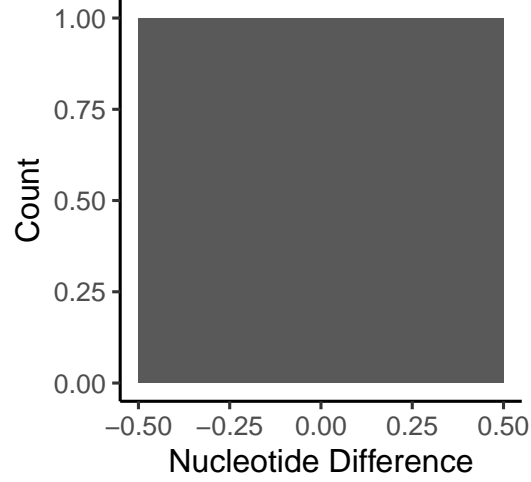
### IGLV5-45\*03

7 sequences assigned  
4 (57.1%) exact matches, in which:  
3 unique CDR3  
2 unique J



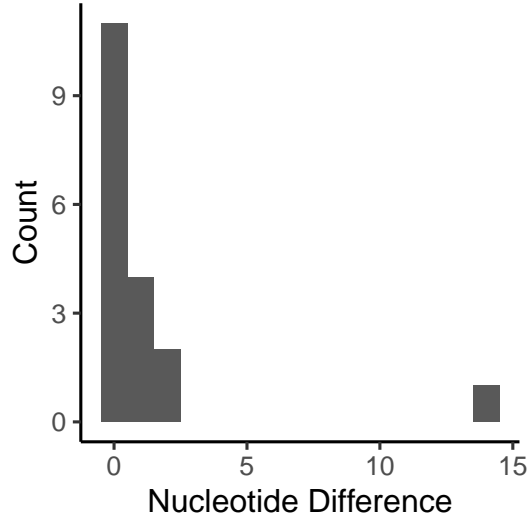
### IGLV5–52\*01

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



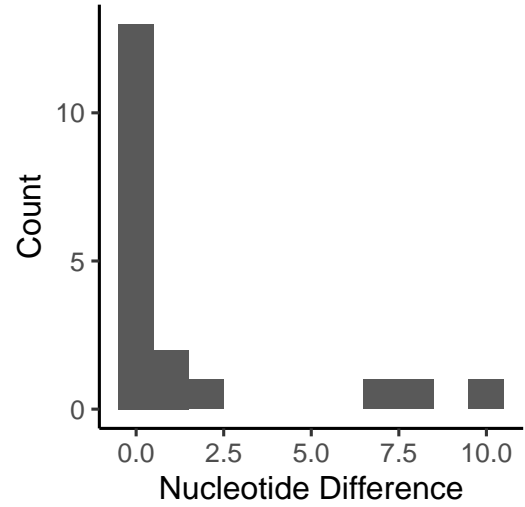
### IGLV7–43\*01

18 sequences assigned  
11 (61.1%) exact matches, in which:  
11 unique CDR3  
1 unique J



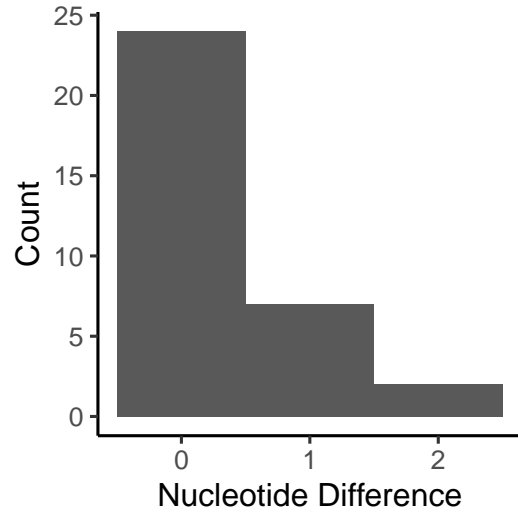
### IGLV8–61\*01

19 sequences assigned  
13 (68.4%) exact matches, in which:  
12 unique CDR3  
3 unique J



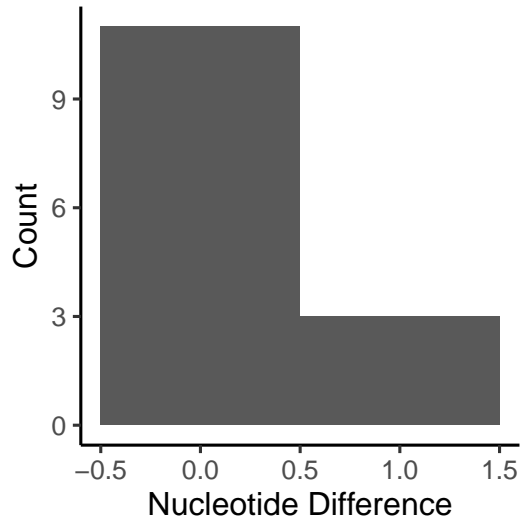
### IGLV6–57\*01

33 sequences assigned  
24 (72.7%) exact matches, in which:  
24 unique CDR3  
2 unique J



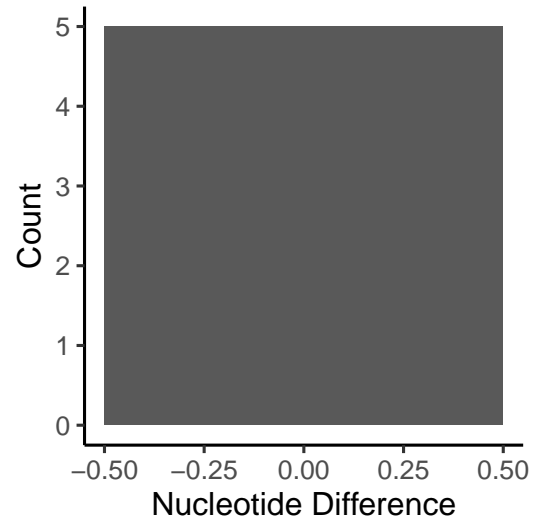
### IGLV7–46\*01

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



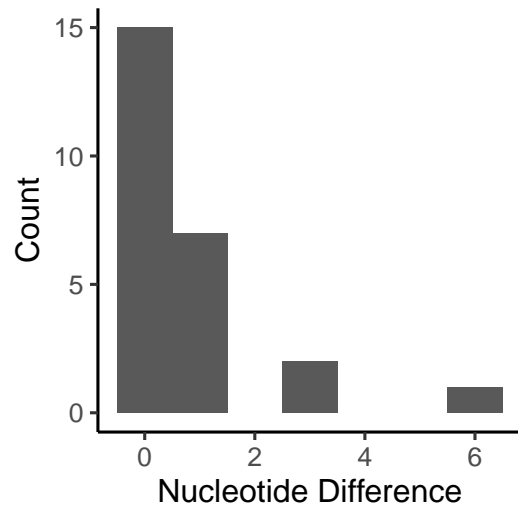
### IGLV9–49\*01

5 sequences assigned  
5 (100%) exact matches, in which:  
4 unique CDR3  
2 unique J



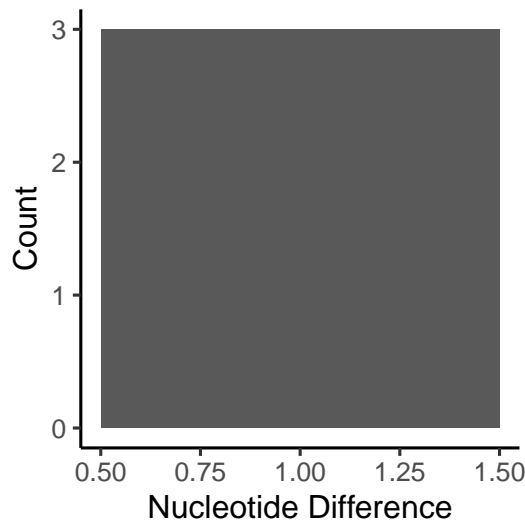
### IGLV6–57\*02

25 sequences assigned  
15 (60%) exact matches, in which:  
15 unique CDR3  
4 unique J

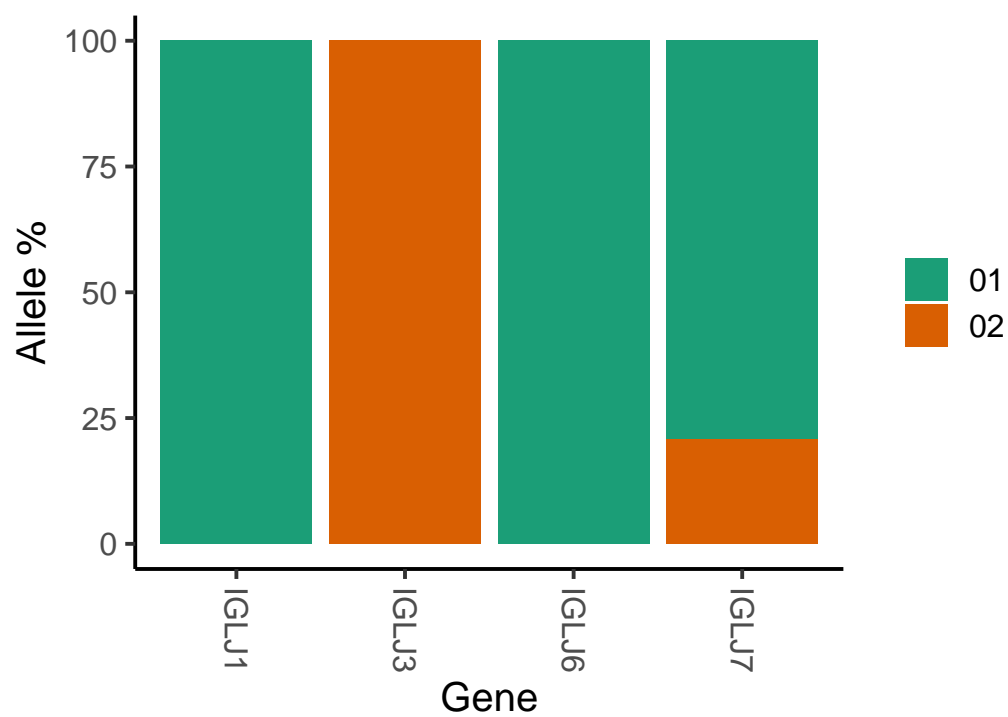


### IGLV7–46\*02

3 sequences assigned  
No exact matches.



Allele Usage



Warning – no inferred sequences found.