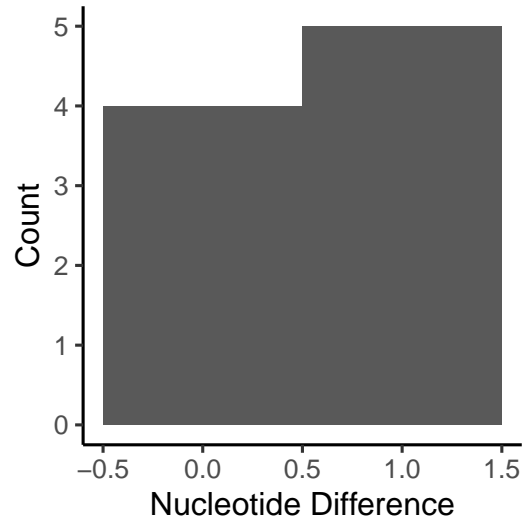


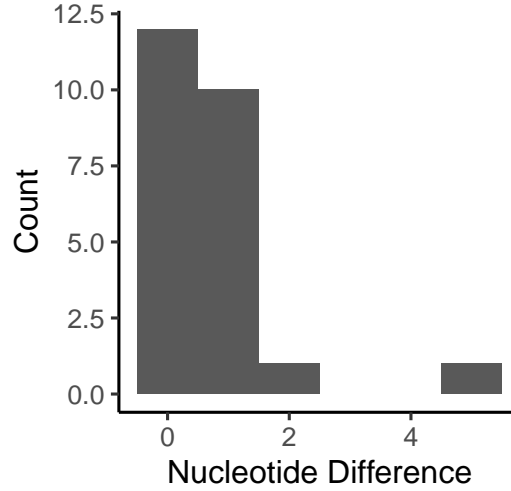
### IGLV1-36\*01

9 sequences assigned  
4 (44.4%) exact matches, in which:  
3 unique CDR3  
2 unique J



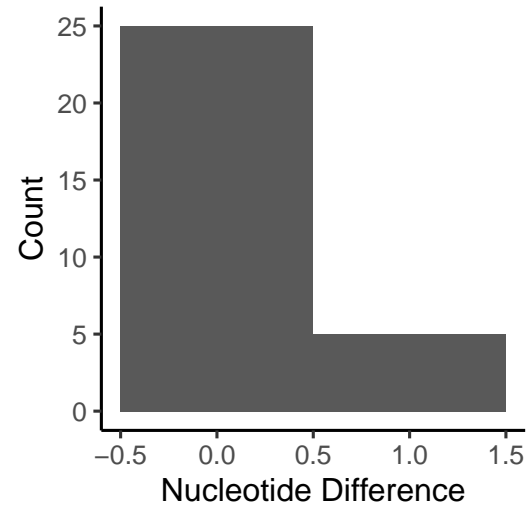
### IGLV1-47\*01

24 sequences assigned  
12 (50%) exact matches, in which:  
11 unique CDR3  
2 unique J



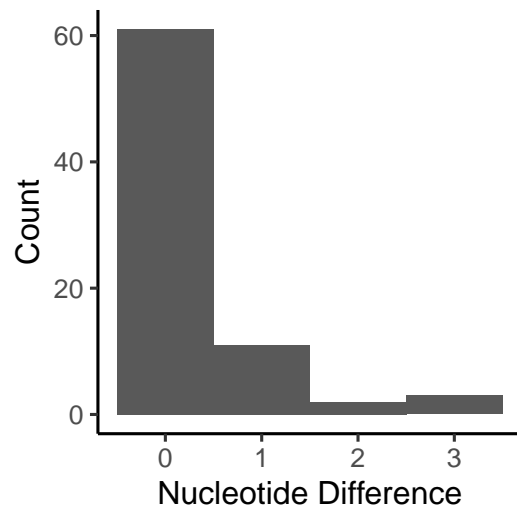
### IGLV2-8\*01

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



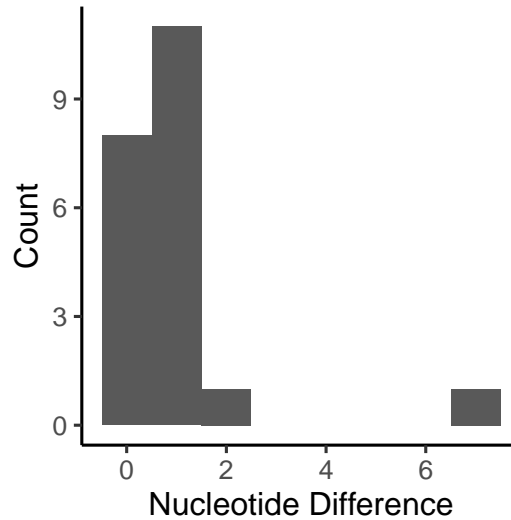
### IGLV1-40\*01

77 sequences assigned  
61 (79.2%) exact matches, in which:  
59 unique CDR3  
3 unique J



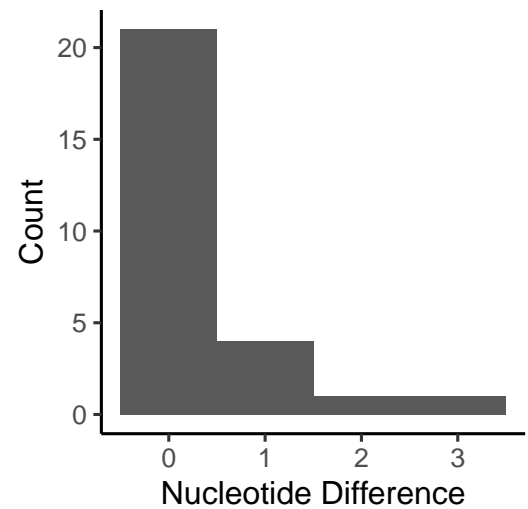
### IGLV1-47\*02

21 sequences assigned  
8 (38.1%) exact matches, in which:  
7 unique CDR3  
2 unique J



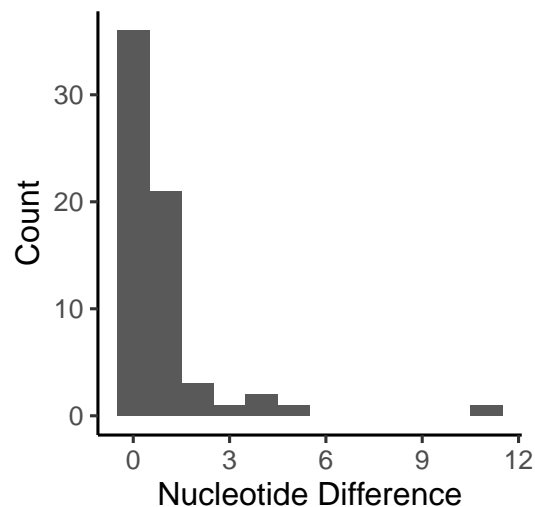
### IGLV2-11\*01

27 sequences assigned  
21 (77.8%) exact matches, in which:  
20 unique CDR3  
2 unique J



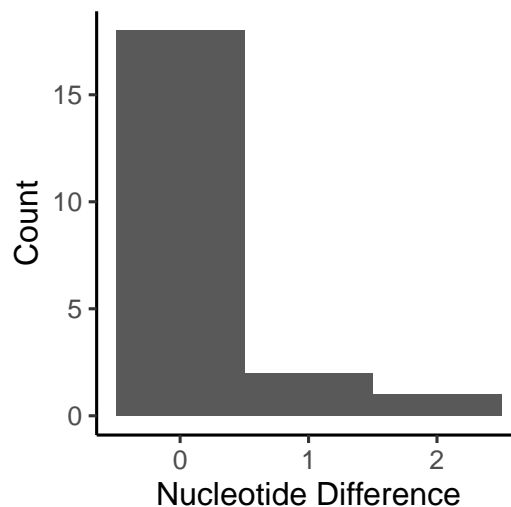
### IGLV1-44\*01

65 sequences assigned  
36 (55.4%) exact matches, in which:  
30 unique CDR3  
3 unique J



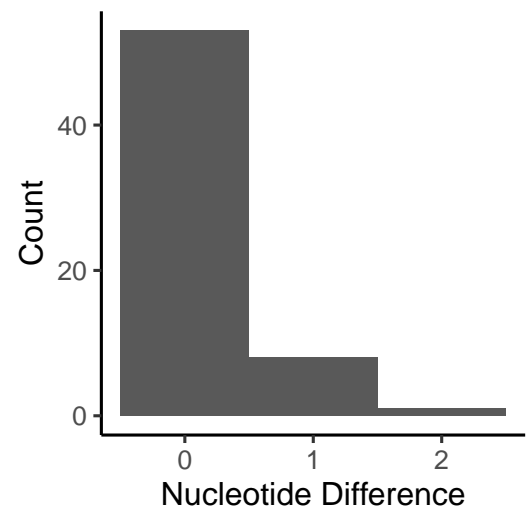
### IGLV1-51\*01

21 sequences assigned  
18 (85.7%) exact matches, in which:  
17 unique CDR3  
3 unique J



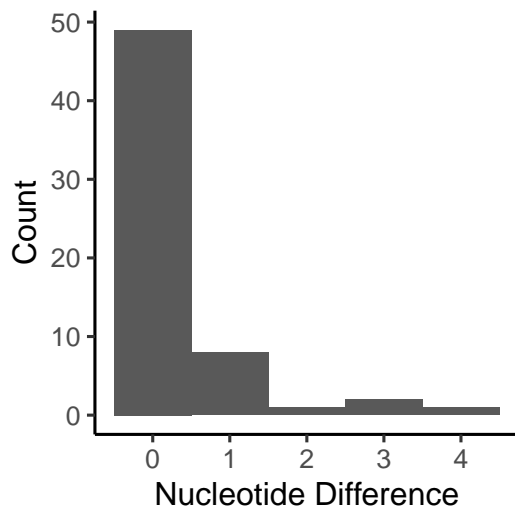
### IGLV2-14\*01

62 sequences assigned  
53 (85.5%) exact matches, in which:  
52 unique CDR3  
2 unique J



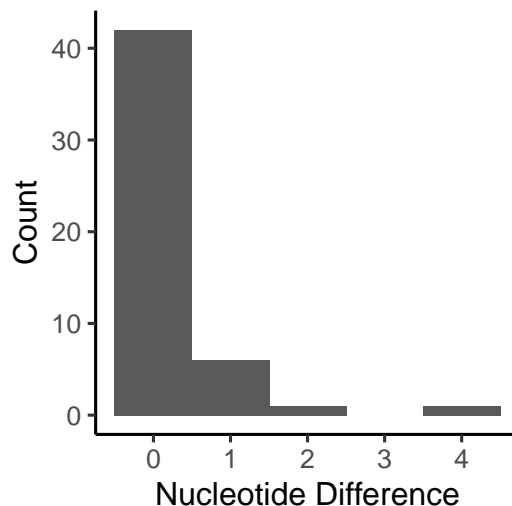
### IGLV2-14\*04EXT3

61 sequences assigned  
49 (80.3%) exact matches, in which:  
47 unique CDR3  
2 unique J



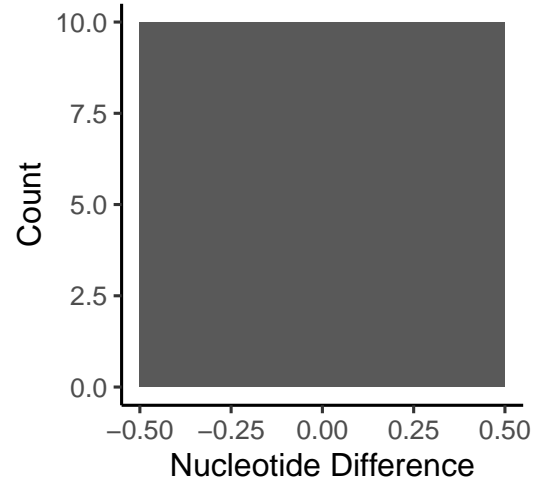
### IGLV3-1\*01

50 sequences assigned  
42 (84%) exact matches, in which:  
40 unique CDR3  
3 unique J



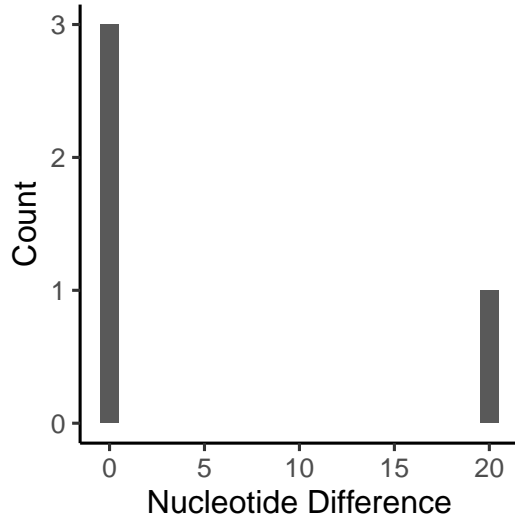
### IGLV3-16\*01

10 sequences assigned  
10 (100%) exact matches, in which:  
9 unique CDR3  
3 unique J



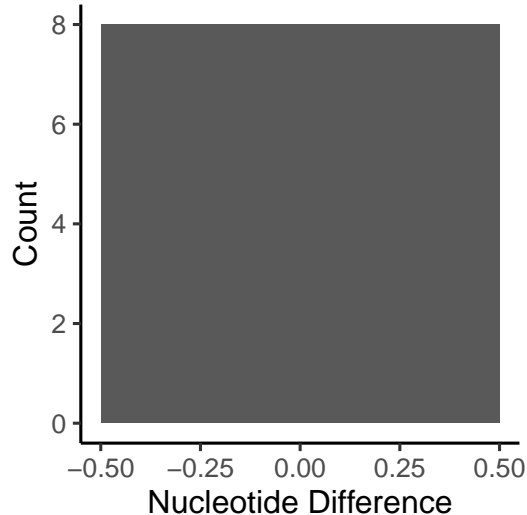
### IGLV2-18\*02

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



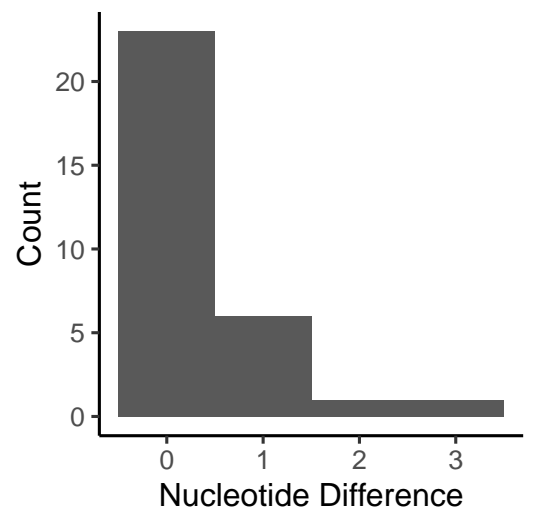
### IGLV3-9\*01EXT5

8 sequences assigned  
8 (100%) exact matches, in which:  
8 unique CDR3  
2 unique J



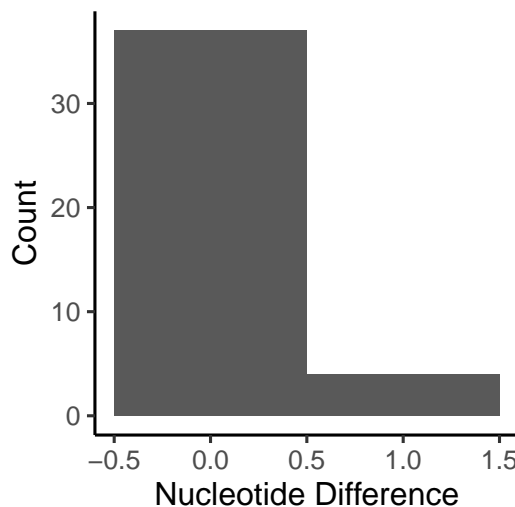
### IGLV3-19\*01

31 sequences assigned  
23 (74.2%) exact matches, in which:  
22 unique CDR3  
2 unique J



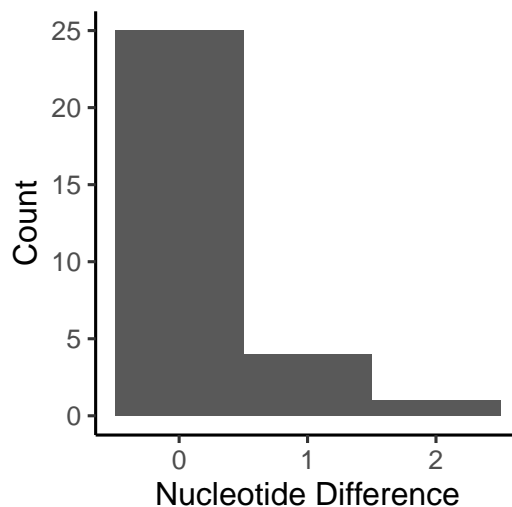
### IGLV2-23\*02EXT5

41 sequences assigned  
37 (90.2%) exact matches, in which:  
36 unique CDR3  
3 unique J



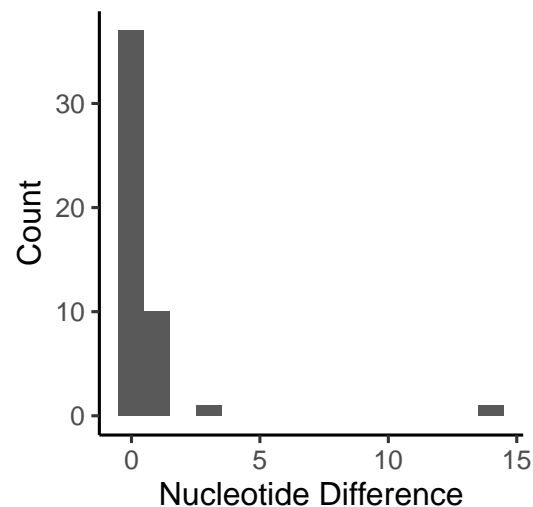
### IGLV3-10\*01

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



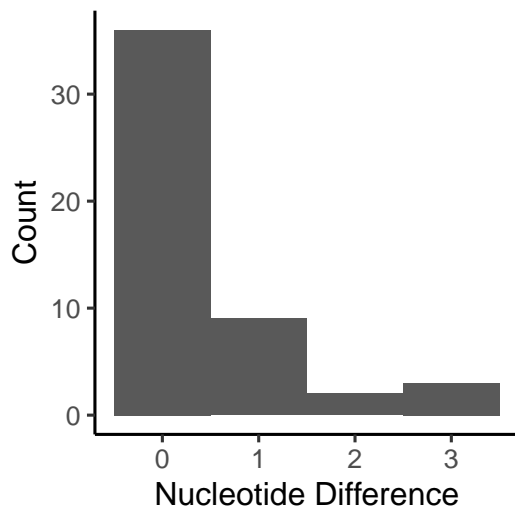
### IGLV3-21\*02

49 sequences assigned  
37 (75.5%) exact matches, in which:  
34 unique CDR3  
2 unique J



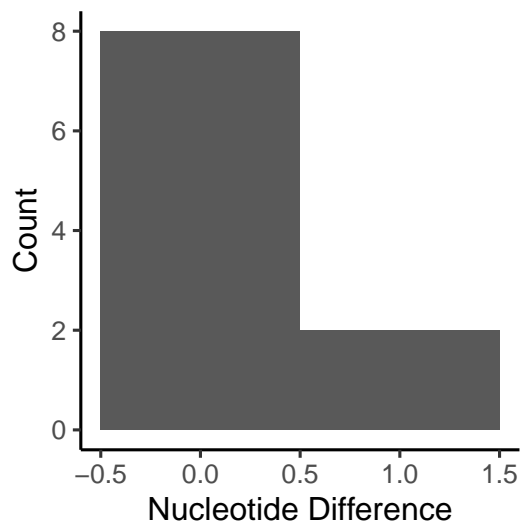
### IGLV3–25\*03

50 sequences assigned  
36 (72%) exact matches, in which:  
36 unique CDR3  
2 unique J



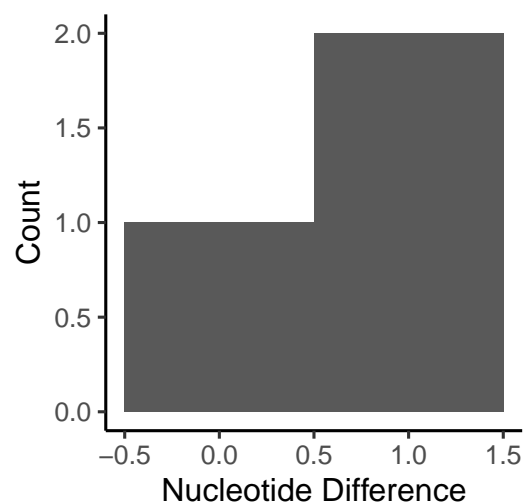
### IGLV4–69\*01

10 sequences assigned  
8 (80%) exact matches, in which:  
8 unique CDR3  
1 unique J



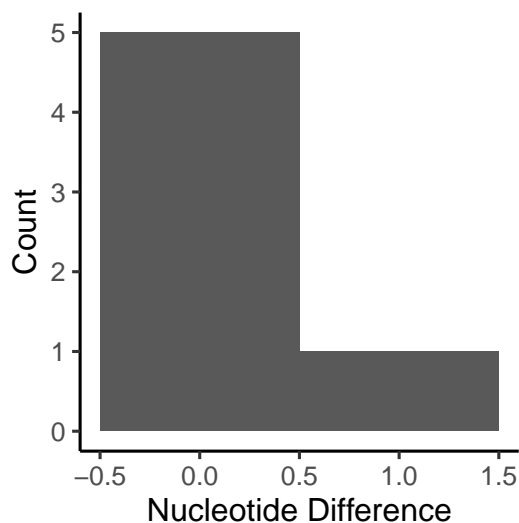
### IGLV5–45\*02

3 sequences assigned  
1 (33.3%) exact matches, in which:  
1 unique CDR3  
1 unique J



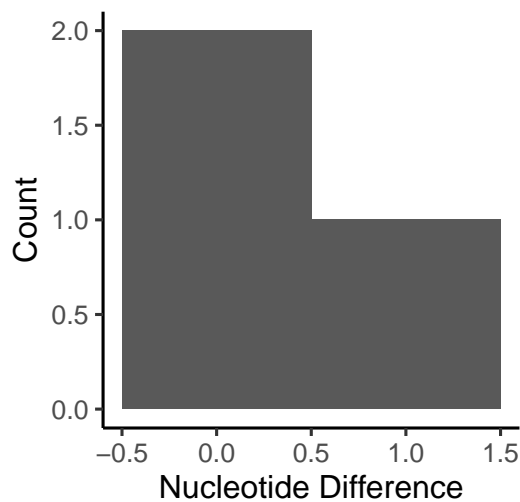
### IGLV3–27\*01

6 sequences assigned  
5 (83.3%) exact matches, in which:  
5 unique CDR3  
1 unique J



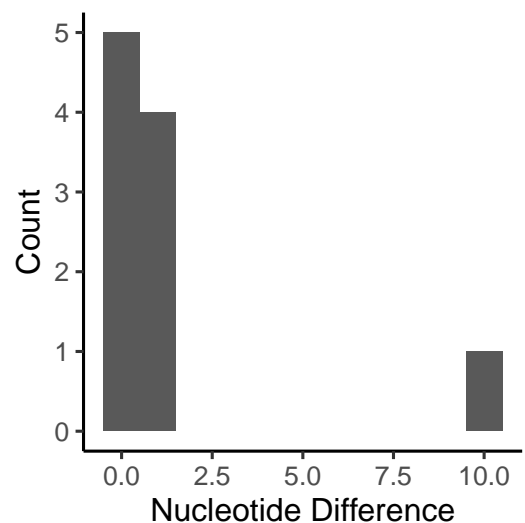
### IGLV5–37\*01

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



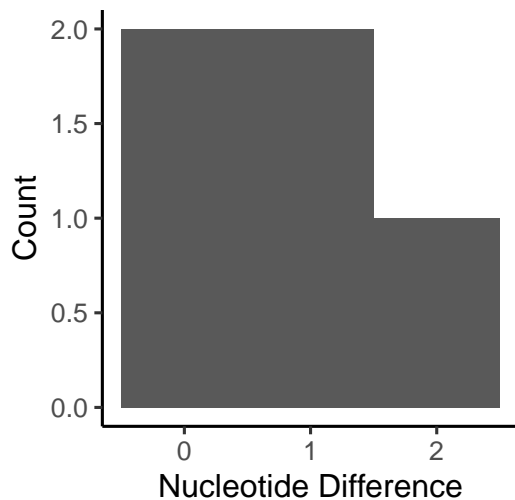
### IGLV5–45\*03

10 sequences assigned  
5 (50%) exact matches, in which:  
4 unique CDR3  
2 unique J



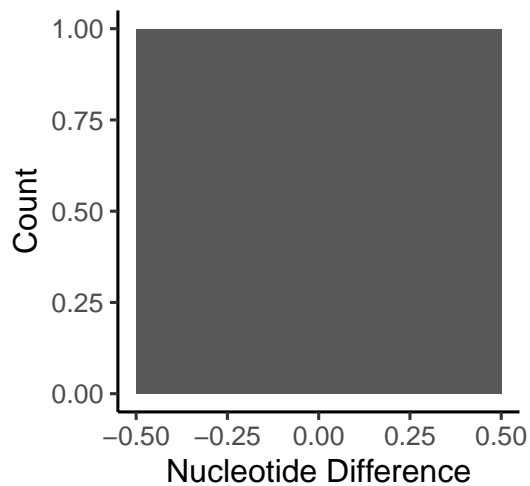
### IGLV4–60\*03EXT5

5 sequences assigned  
2 (40%) exact matches, in which:  
2 unique CDR3  
1 unique J



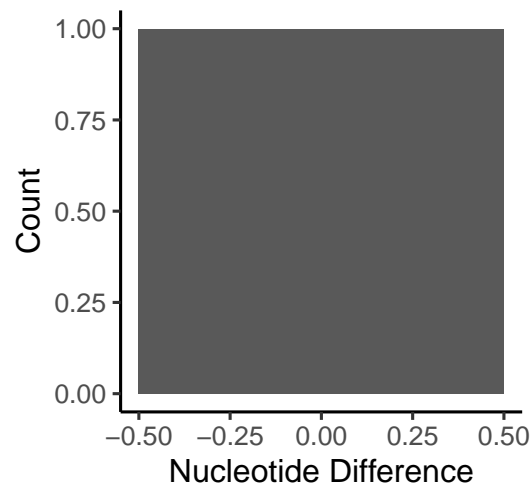
### IGLV5–39\*01

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



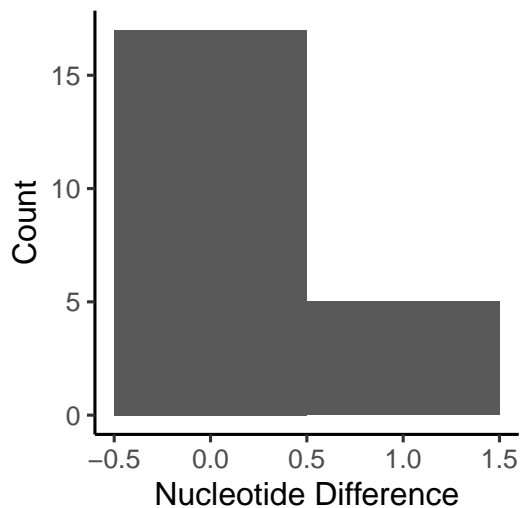
### IGLV5–52\*01

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



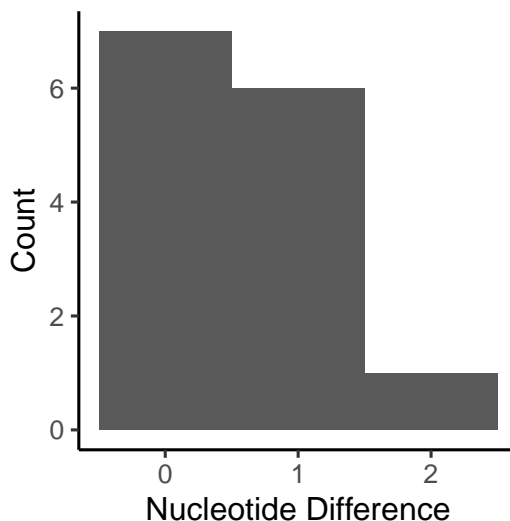
### IGLV6-57\*01

22 sequences assigned  
17 (77.3%) exact matches, in which:  
15 unique CDR3  
4 unique J



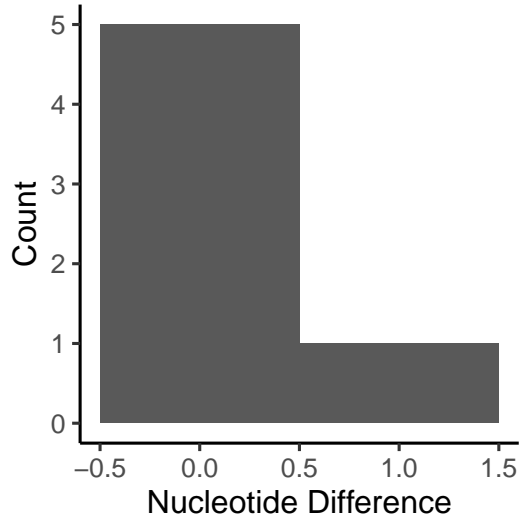
### IGLV7-46\*01

14 sequences assigned  
7 (50%) exact matches, in which:  
7 unique CDR3  
1 unique J



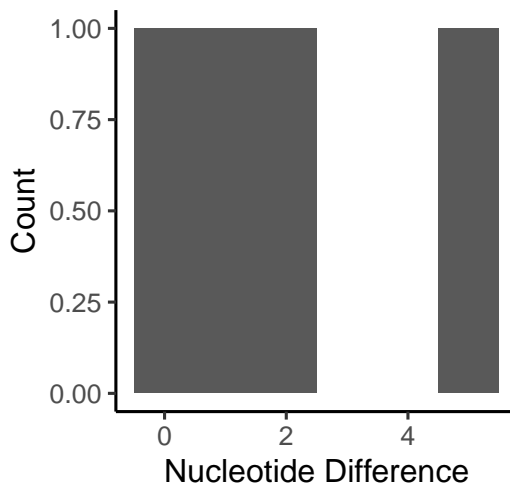
### IGLV6-57\*02

6 sequences assigned  
5 (83.3%) exact matches, in which:  
5 unique CDR3  
2 unique J



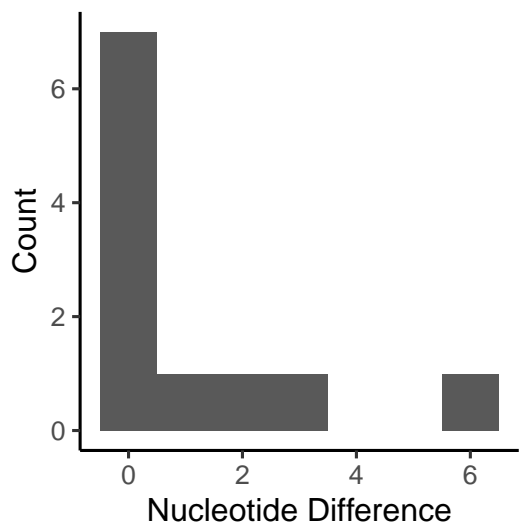
### IGLV8-61\*01

4 sequences assigned  
1 (25%) exact matches, in which:  
1 unique CDR3  
1 unique J



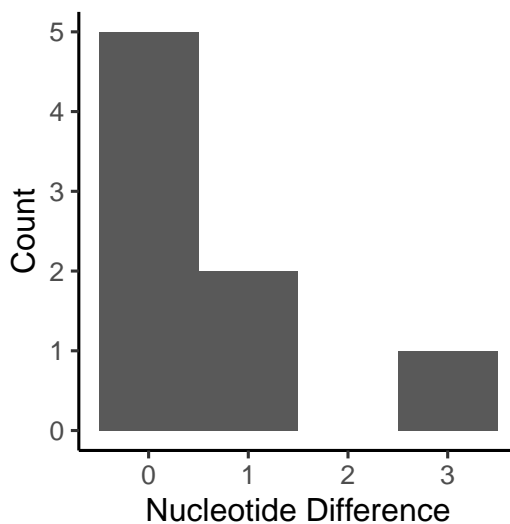
### IGLV7-43\*01

11 sequences assigned  
7 (63.6%) exact matches, in which:  
7 unique CDR3  
2 unique J



### IGLV9-49\*01

8 sequences assigned  
5 (62.5%) exact matches, in which:  
5 unique CDR3  
2 unique J



## Allele Usage



Warning – no inferred sequences found.