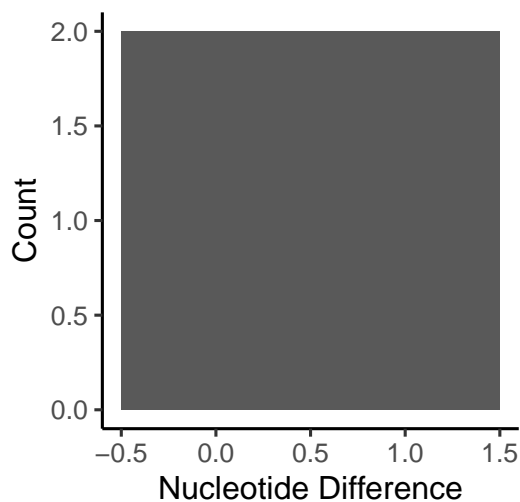


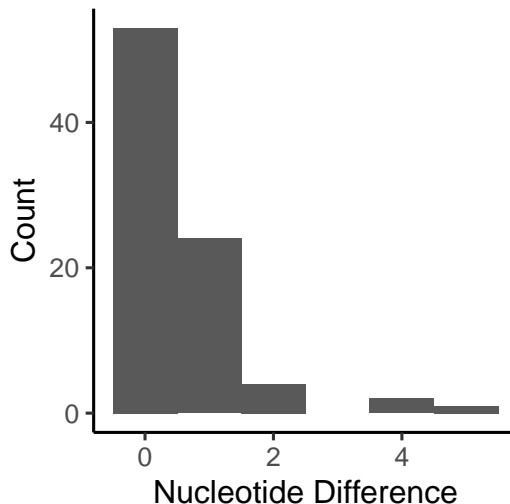
### IGLV10-54\*01

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



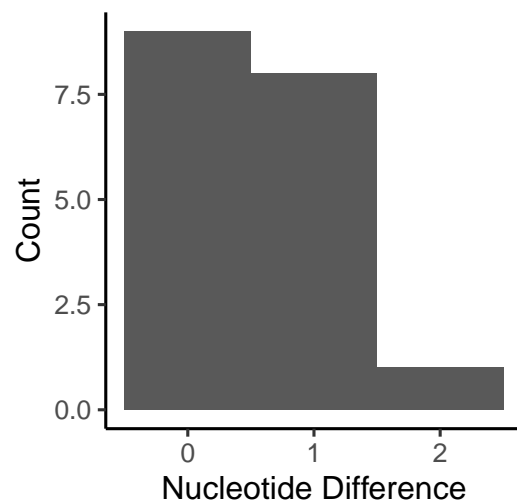
### IGLV1-40\*01

84 sequences assigned  
53 (63.1%) exact matches, in which:  
49 unique CDR3  
4 unique J



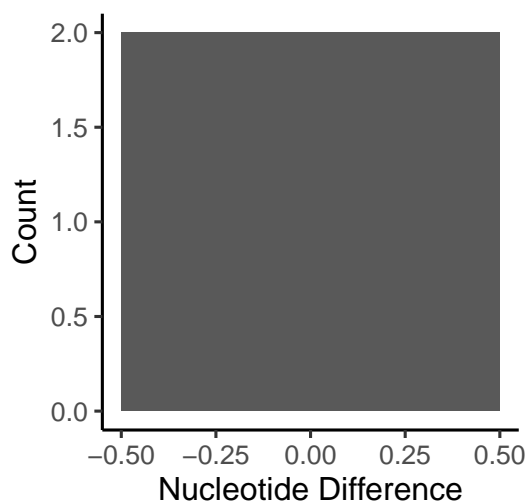
### IGLV1-47\*02

18 sequences assigned  
9 (50%) exact matches, in which:  
9 unique CDR3  
3 unique J



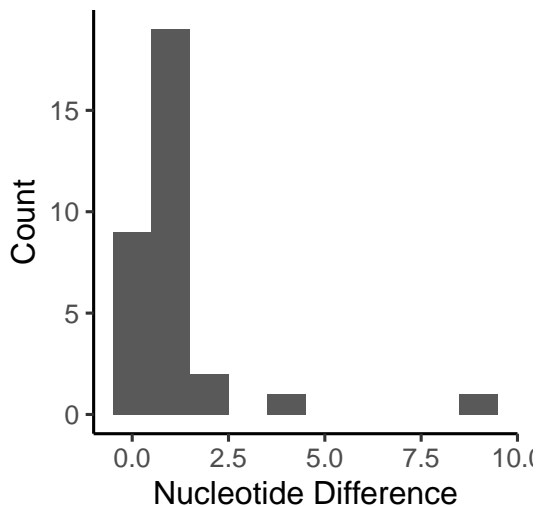
### IGLV10-54\*02

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



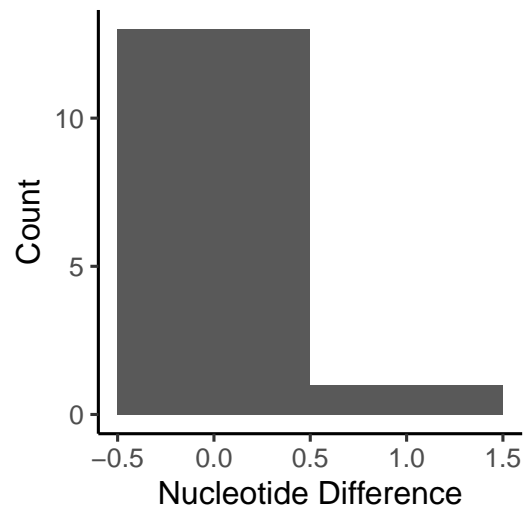
### IGLV1-44\*01

32 sequences assigned  
9 (28.1%) exact matches, in which:  
9 unique CDR3  
3 unique J



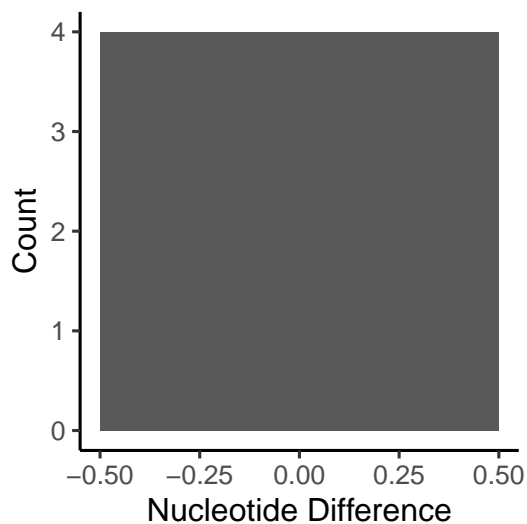
### IGLV1-51\*01

14 sequences assigned  
13 (92.9%) exact matches, in which:  
10 unique CDR3  
4 unique J



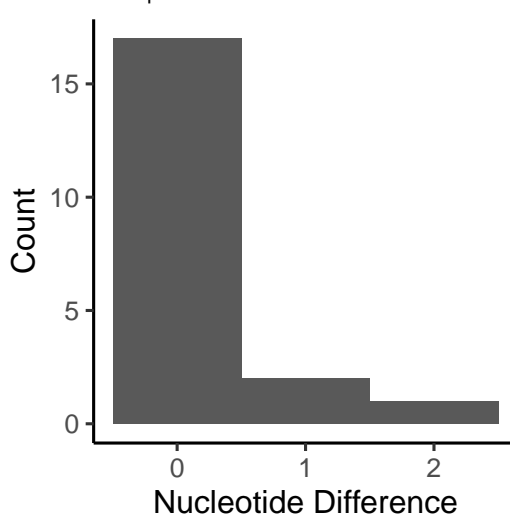
### IGLV1-36\*01

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



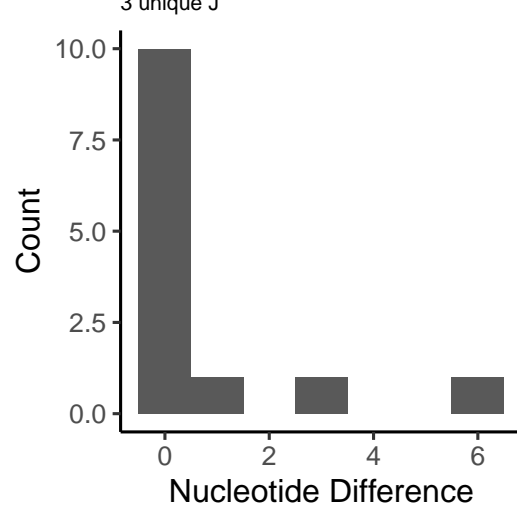
### IGLV1-47\*01

20 sequences assigned  
17 (85%) exact matches, in which:  
12 unique CDR3  
3 unique J



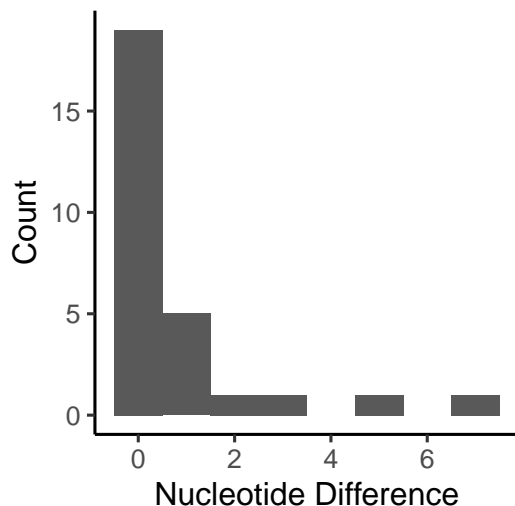
### IGLV1-51\*02

13 sequences assigned  
10 (76.9%) exact matches, in which:  
9 unique CDR3  
3 unique J



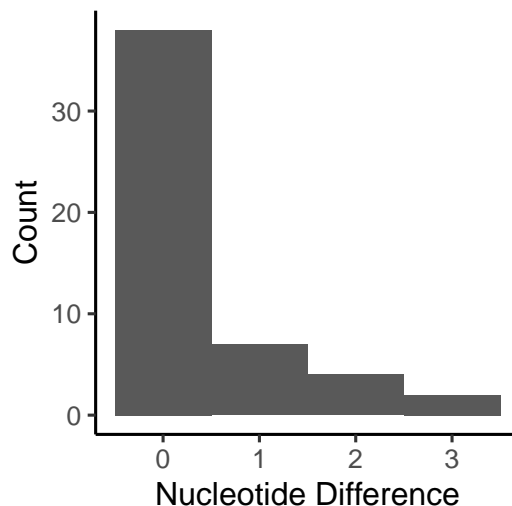
### IGLV2-8\*01

28 sequences assigned  
19 (67.9%) exact matches, in which:  
19 unique CDR3  
3 unique J



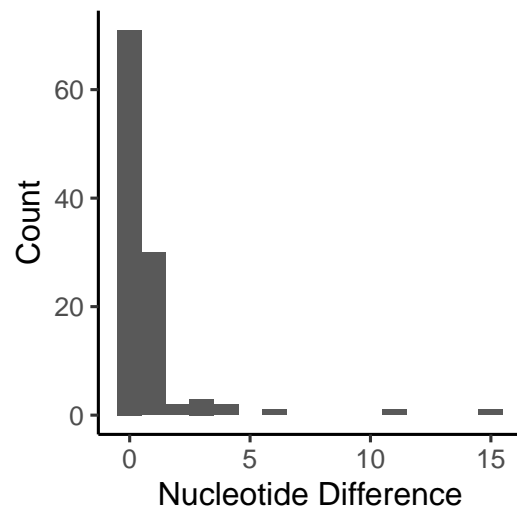
### IGLV2-14\*04EXT3

51 sequences assigned  
38 (74.5%) exact matches, in which:  
36 unique CDR3  
3 unique J



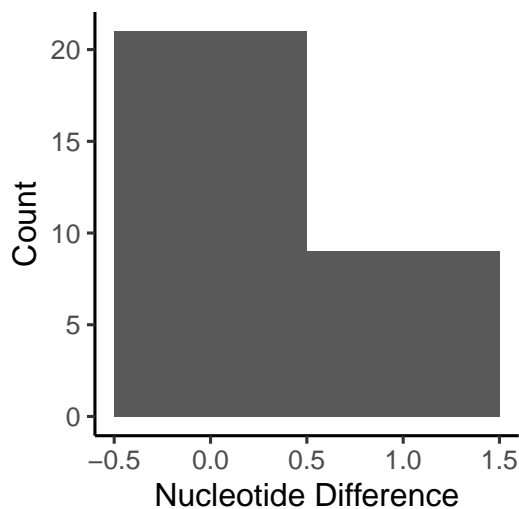
### IGLV3-1\*01

111 sequences assigned  
71 (64%) exact matches, in which:  
62 unique CDR3  
4 unique J



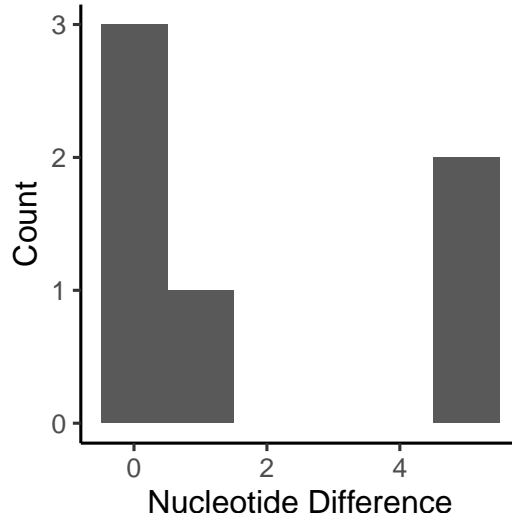
### IGLV2-11\*01

30 sequences assigned  
21 (70%) exact matches, in which:  
19 unique CDR3  
3 unique J



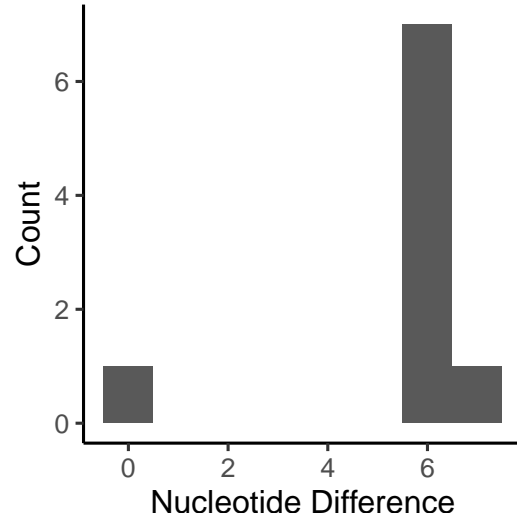
### IGLV2-18\*02

6 sequences assigned  
3 (50%) exact matches, in which:  
3 unique CDR3  
1 unique J



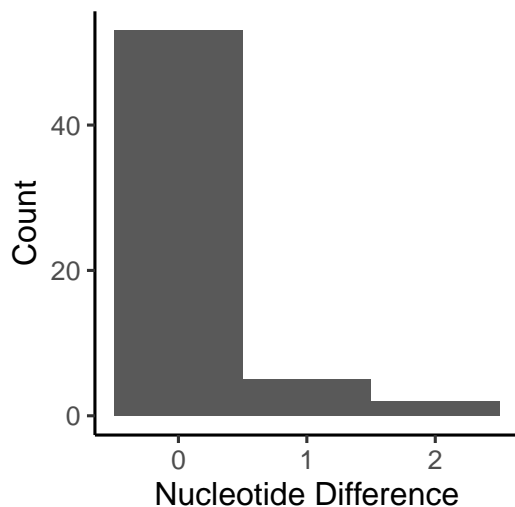
### IGLV3-9\*02

9 sequences assigned  
1 (11.1%) exact matches, in which:  
1 unique CDR3  
1 unique J



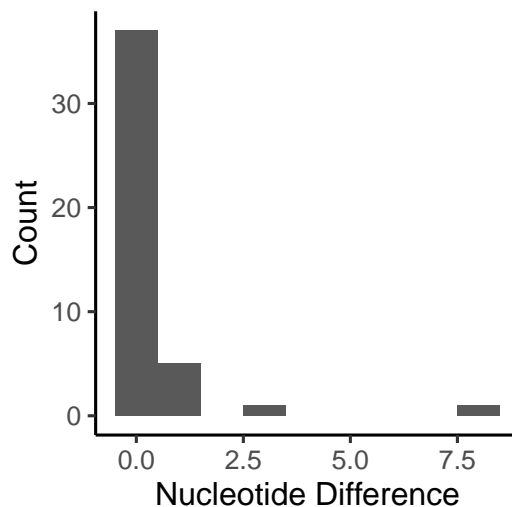
### IGLV2-14\*03EXT3

60 sequences assigned  
53 (88.3%) exact matches, in which:  
50 unique CDR3  
3 unique J



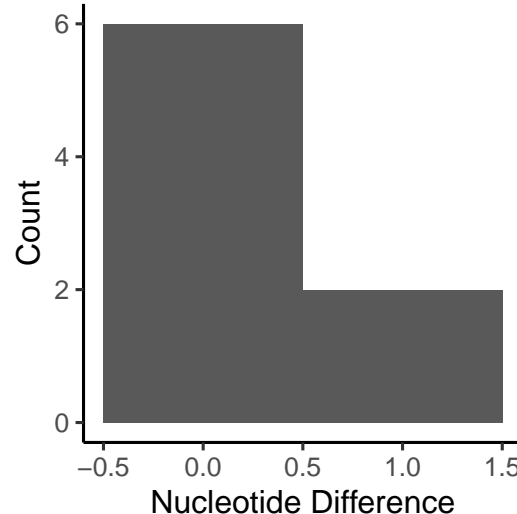
### IGLV2-23\*01\_G170T

44 sequences assigned  
37 (84.1%) exact matches, in which:  
36 unique CDR3  
3 unique J



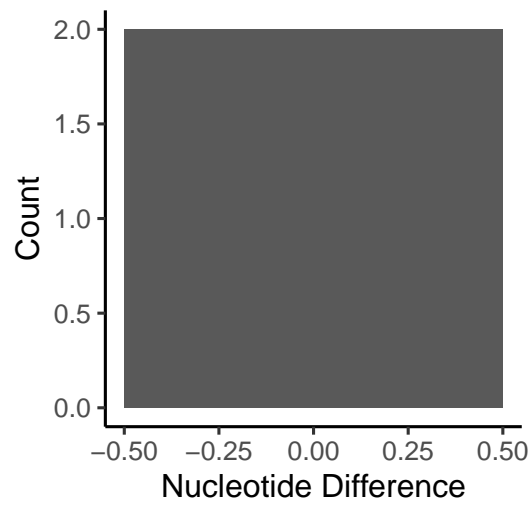
### IGLV3-10\*01

8 sequences assigned  
6 (75%) exact matches, in which:  
5 unique CDR3  
3 unique J



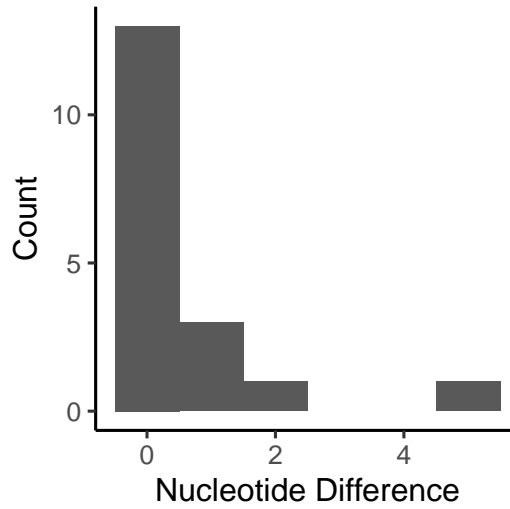
### IGLV3-16\*01

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



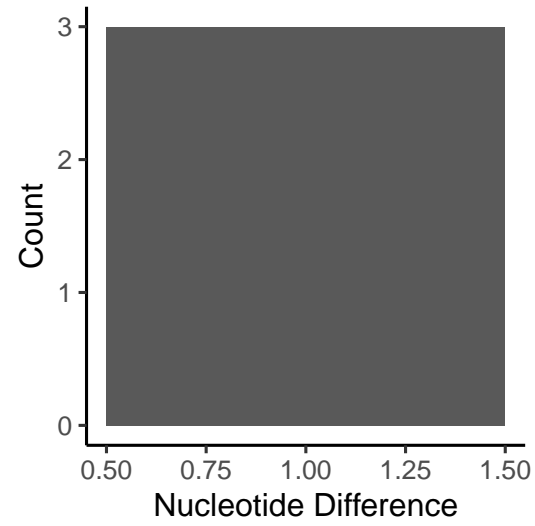
### IGLV3-21\*04

18 sequences assigned  
13 (72.2%) exact matches, in which:  
12 unique CDR3  
3 unique J



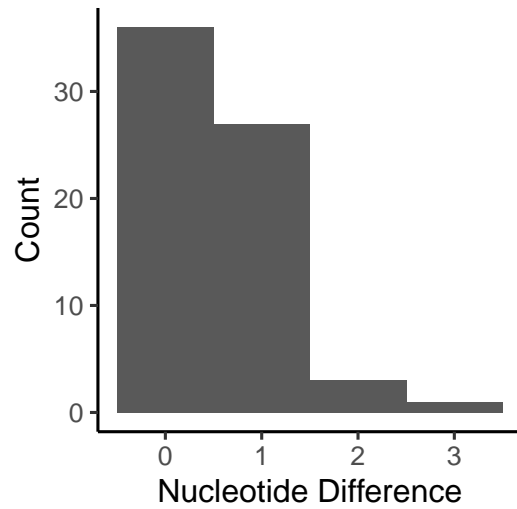
### IGLV4-60\*02

3 sequences assigned  
No exact matches.



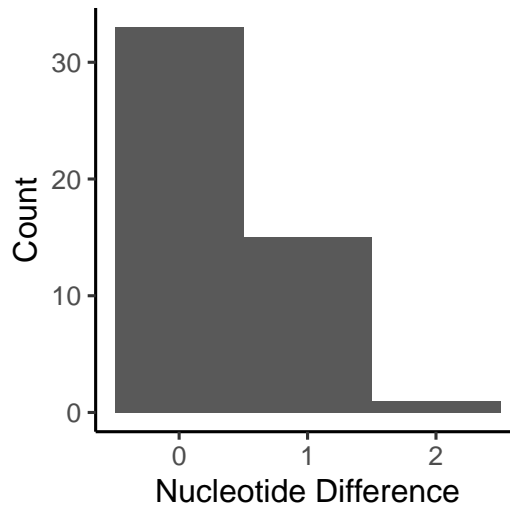
### IGLV3-19\*01

67 sequences assigned  
36 (53.7%) exact matches, in which:  
31 unique CDR3  
3 unique J



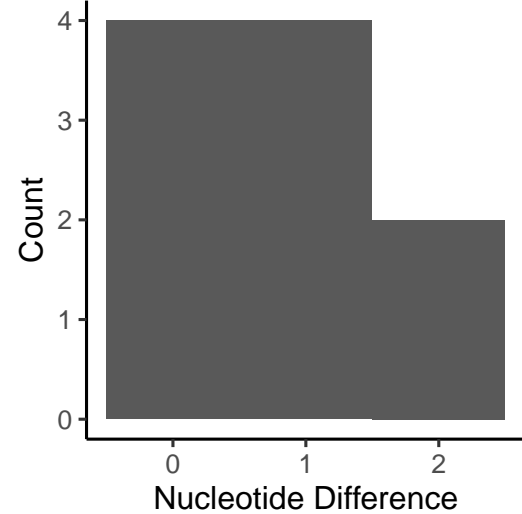
### IGLV3-25\*03

49 sequences assigned  
33 (67.3%) exact matches, in which:  
29 unique CDR3  
4 unique J



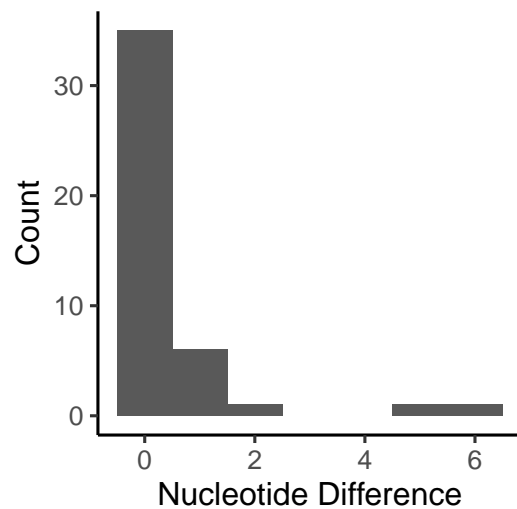
### IGLV4-69\*01

10 sequences assigned  
4 (40%) exact matches, in which:  
4 unique CDR3  
2 unique J



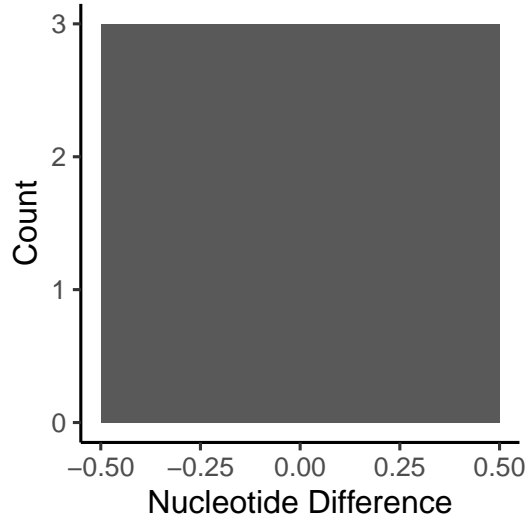
### IGLV3-21\*03

44 sequences assigned  
35 (79.5%) exact matches, in which:  
29 unique CDR3  
2 unique J



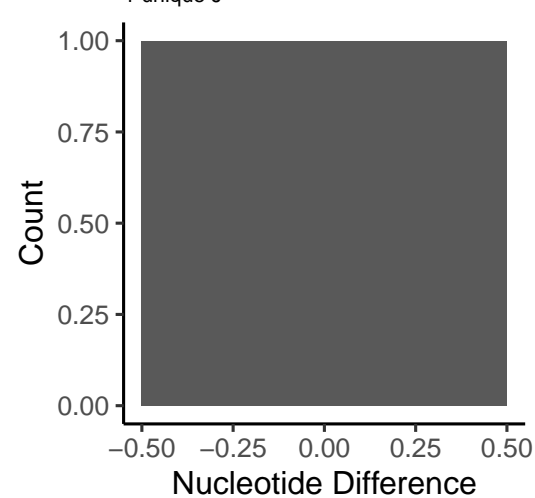
### IGLV3-27\*01

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



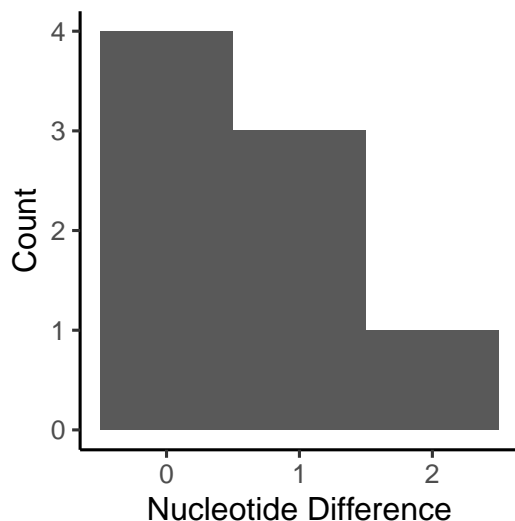
### IGLV5-37\*01

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



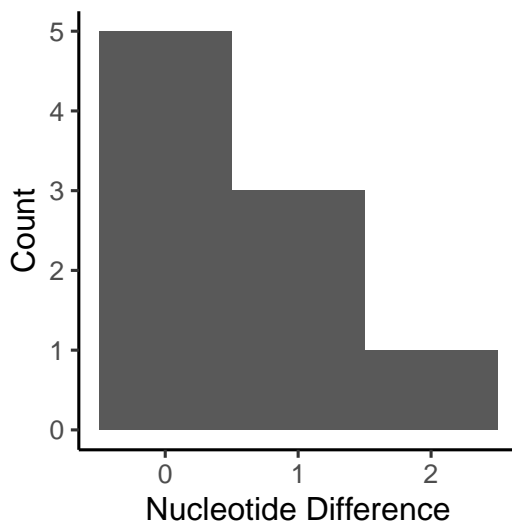
### IGLV5-45\*01

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



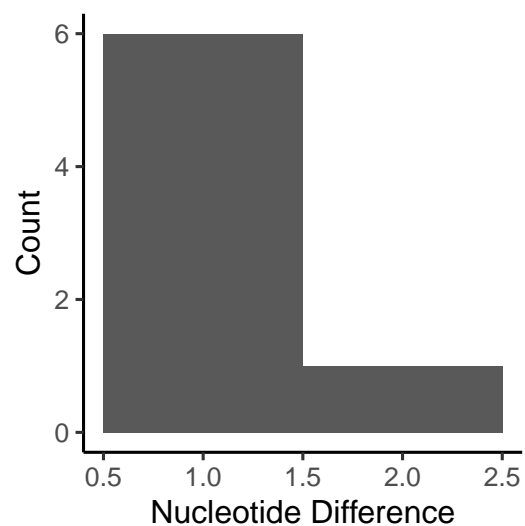
### IGLV6-57\*02

9 sequences assigned  
5 (55.6%) exact matches, in which:  
5 unique CDR3  
2 unique J



### IGLV7-46\*01

7 sequences assigned  
No exact matches.



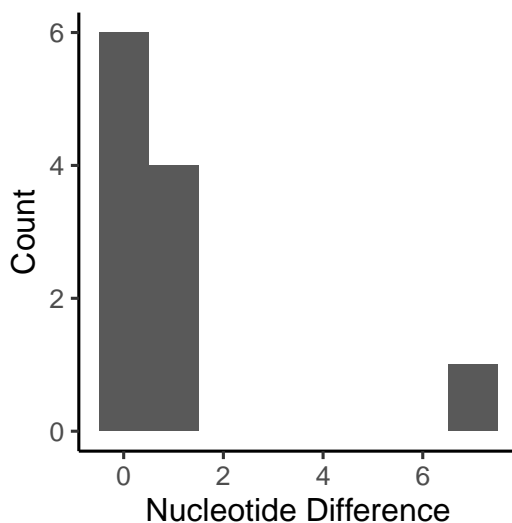
### IGLV5-48\*01

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



### IGLV6-57\*03\_C21G

11 sequences assigned  
6 (54.5%) exact matches, in which:  
6 unique CDR3  
3 unique J



### IGLV7-46\*02

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



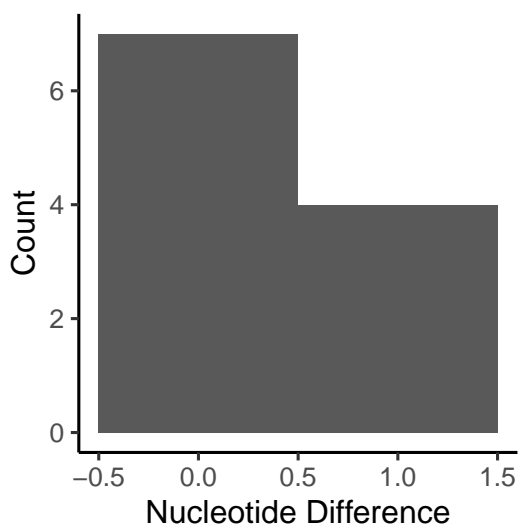
### IGLV5-52\*01

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



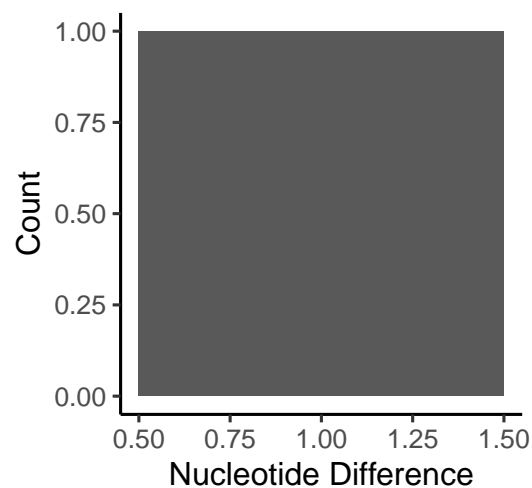
### IGLV7-43\*01

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



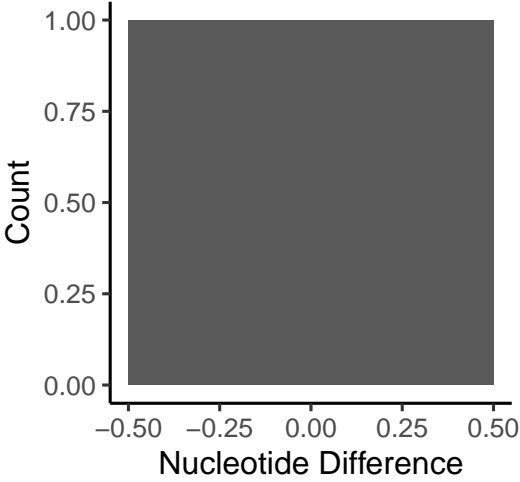
### IGLV8-61\*01

1 sequences assigned  
No exact matches.



IGLV8-61\*02

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



Allele Usage



Warning – no inferred sequences found.