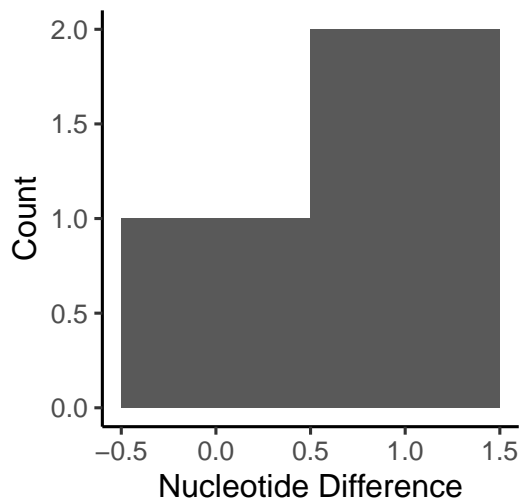


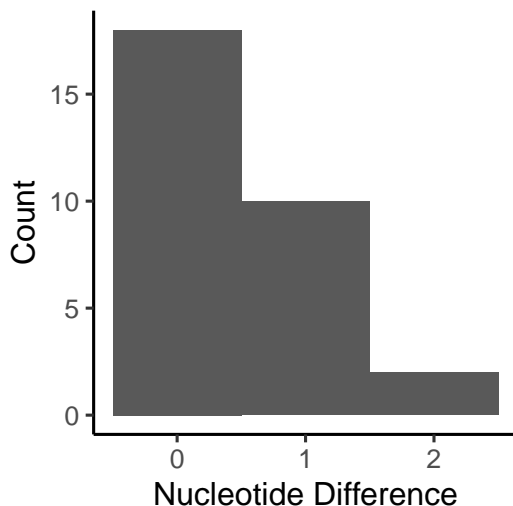
### IGLV10–54\*01

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



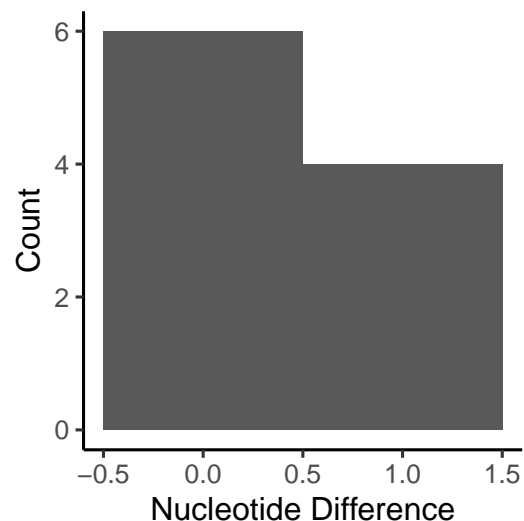
### IGLV1–40\*01

30 sequences assigned  
18 (60%) exact matches, in which:  
16 unique CDR3  
3 unique J



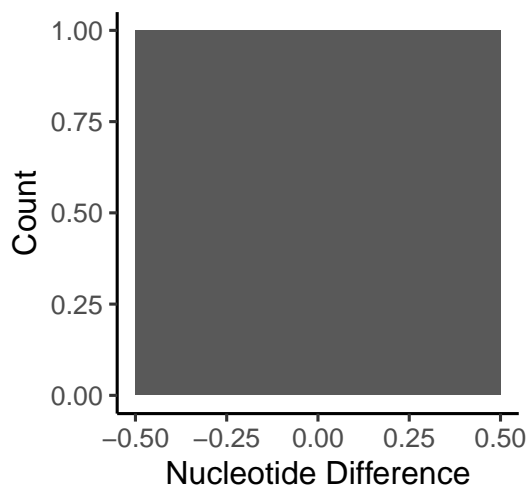
### IGLV1–47\*02

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



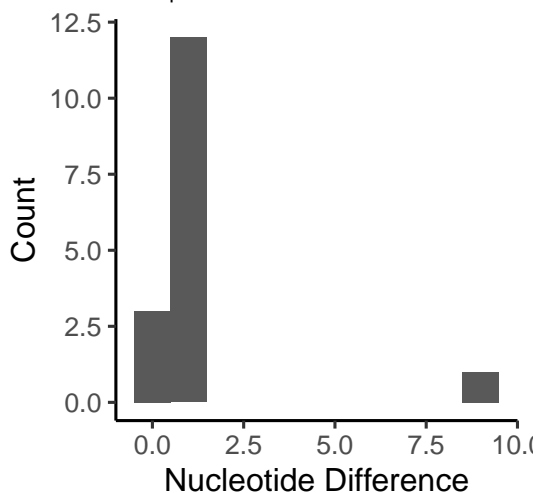
### IGLV10–54\*02

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



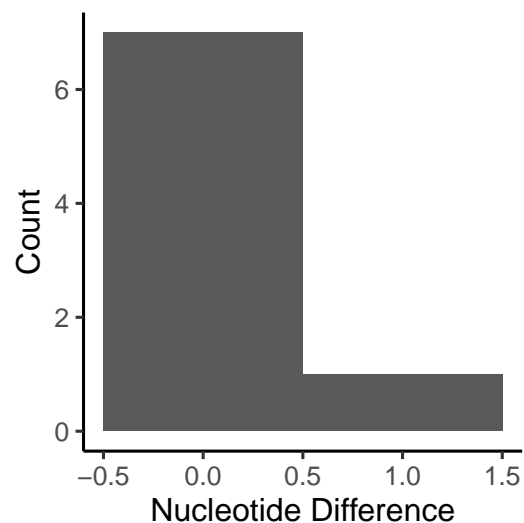
### IGLV1–44\*01

16 sequences assigned  
3 (18.8%) exact matches, in which:  
3 unique CDR3  
2 unique J



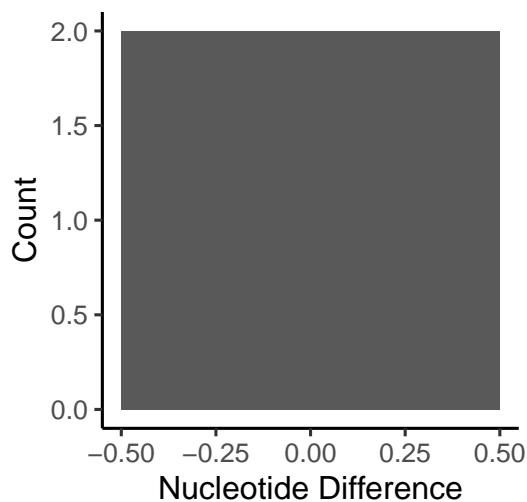
### IGLV1–51\*01

8 sequences assigned  
7 (87.5%) exact matches, in which:  
5 unique CDR3  
3 unique J



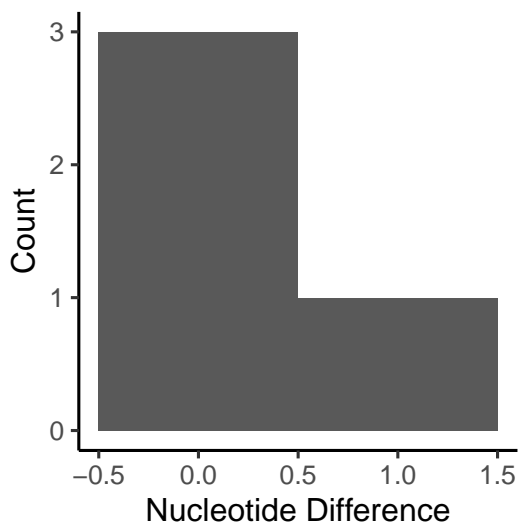
### IGLV1–36\*01

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



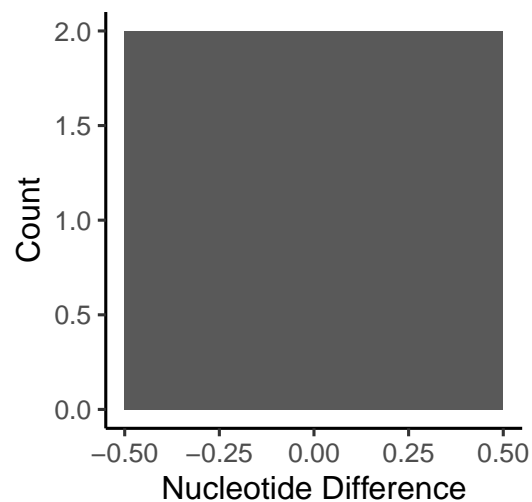
### IGLV1–47\*01

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



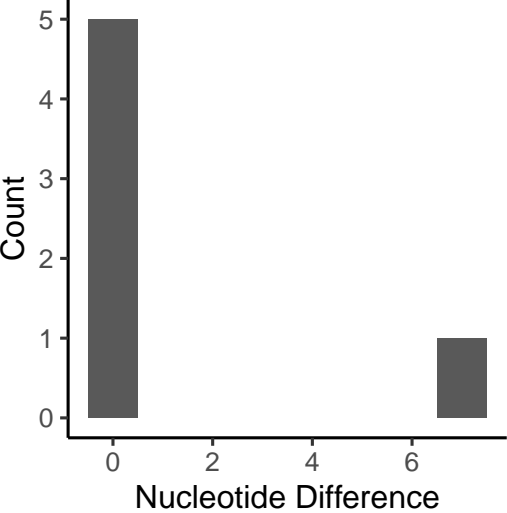
### IGLV1–51\*02

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



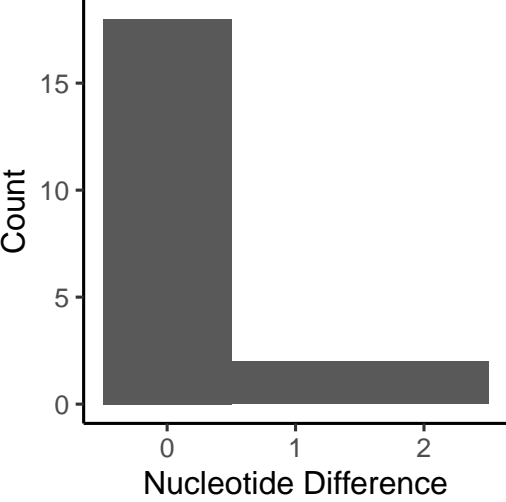
IGLV2-8\*01

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



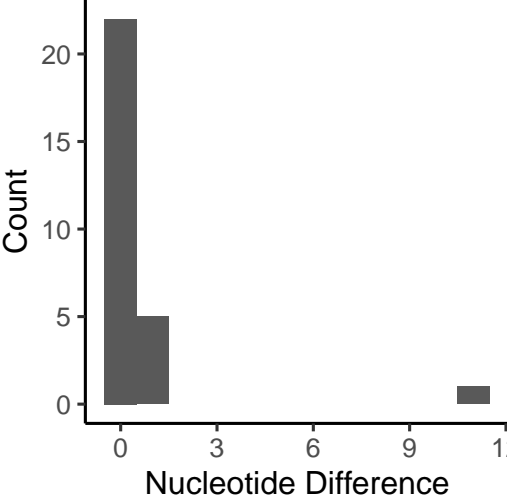
IGLV2-14\*04EXT3

22 sequences assigned  
18 (81.8%) exact matches, in which:  
17 unique CDR3  
2 unique J



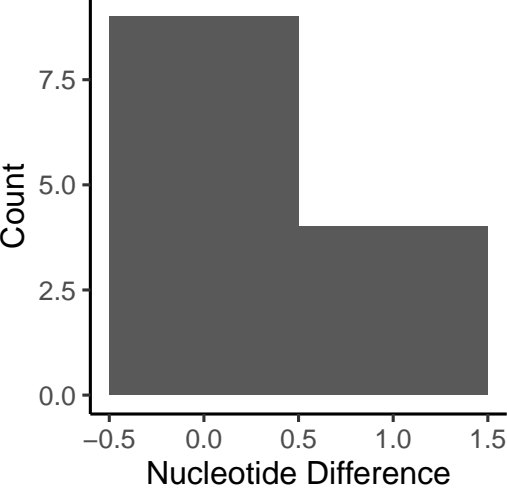
IGLV3-1\*01

28 sequences assigned  
22 (78.6%) exact matches, in which:  
22 unique CDR3  
3 unique J



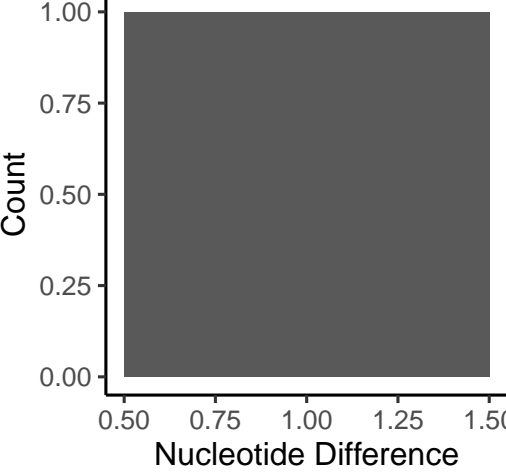
IGLV2-11\*01

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



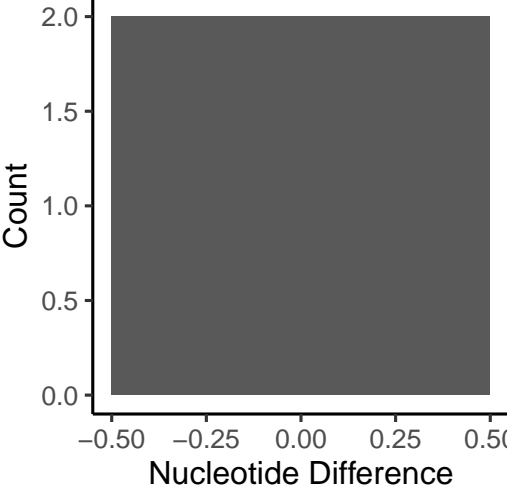
IGLV2-18\*02

1 sequences assigned  
No exact matches.



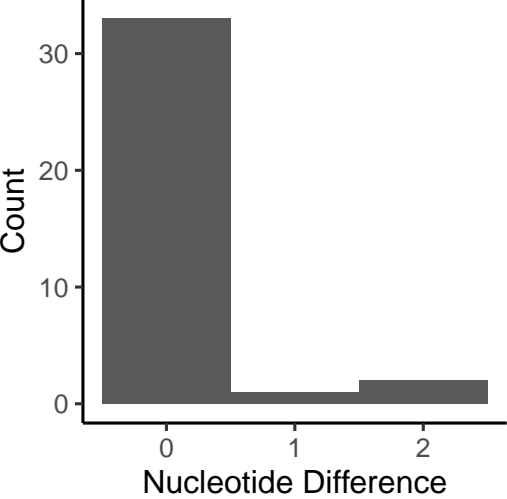
IGLV3-9\*01EXT5

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



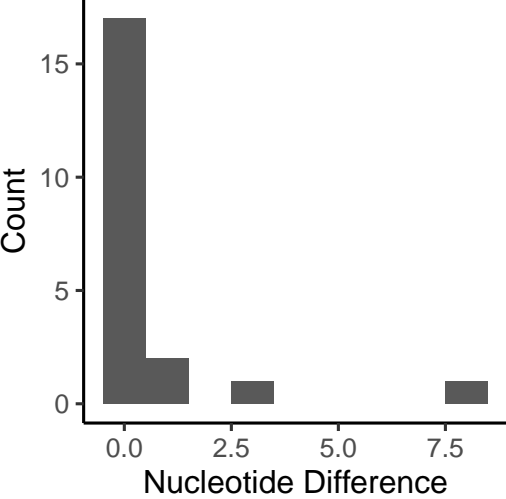
IGLV2-14\*03EXT3

36 sequences assigned  
33 (91.7%) exact matches, in which:  
31 unique CDR3  
2 unique J



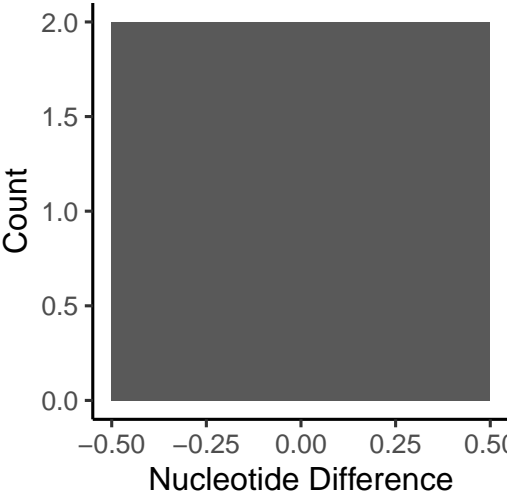
IGLV2-23\*02EXT5

21 sequences assigned  
17 (81%) exact matches, in which:  
17 unique CDR3  
2 unique J



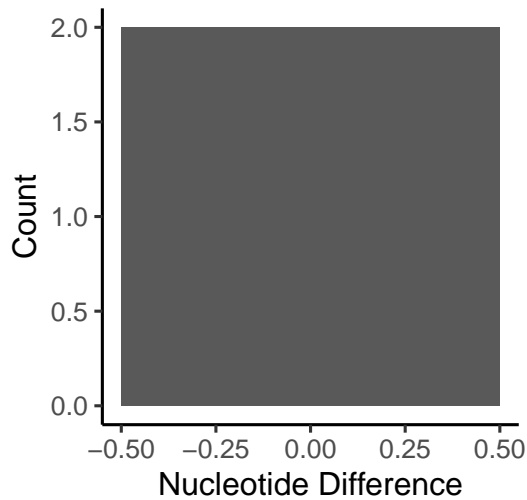
IGLV3-10\*01

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



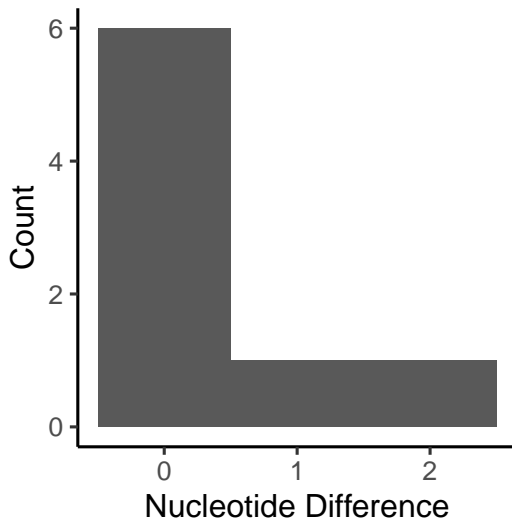
### IGLV3–16\*01

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



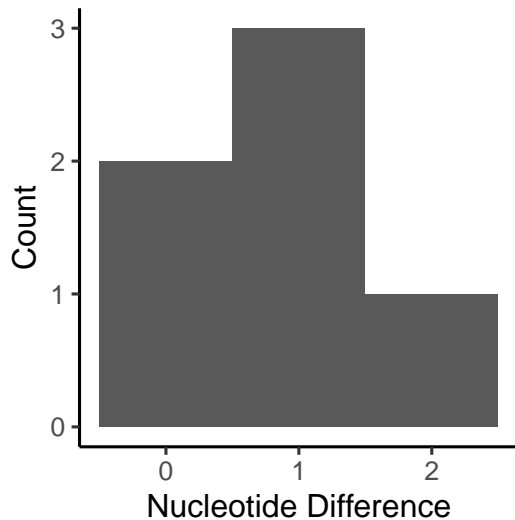
### IGLV3–21\*04

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



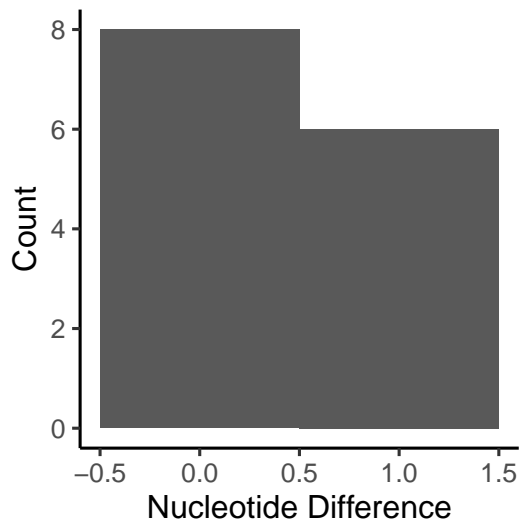
### IGLV4–69\*01

6 sequences assigned  
2 (33.3%) exact matches, in which:  
2 unique CDR3  
1 unique J



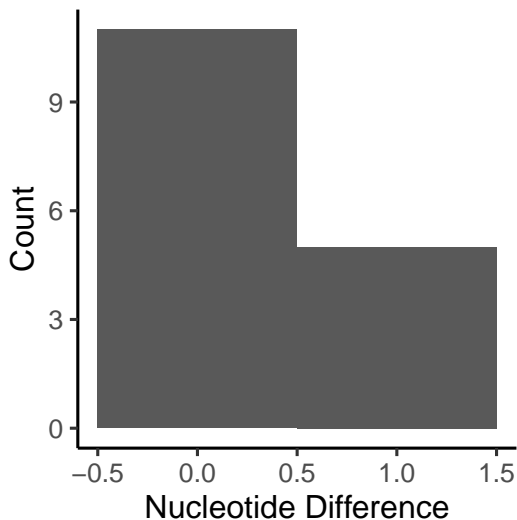
### IGLV3–19\*01

14 sequences assigned  
8 (57.1%) exact matches, in which:  
8 unique CDR3  
2 unique J



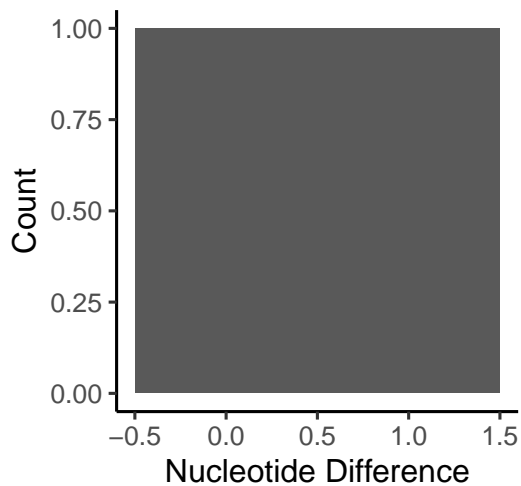
### IGLV3–25\*03

16 sequences assigned  
11 (68.8%) exact matches, in which:  
11 unique CDR3  
3 unique J



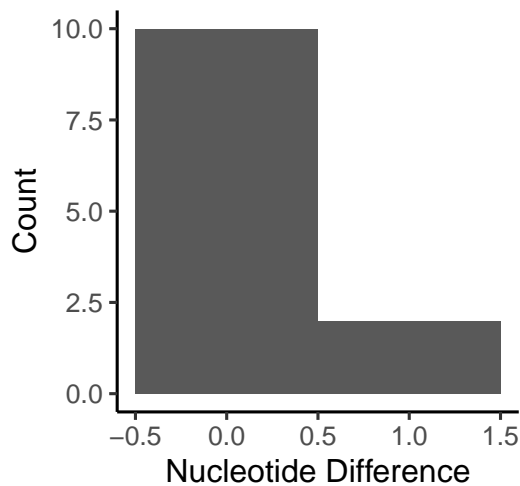
### IGLV5–45\*01

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



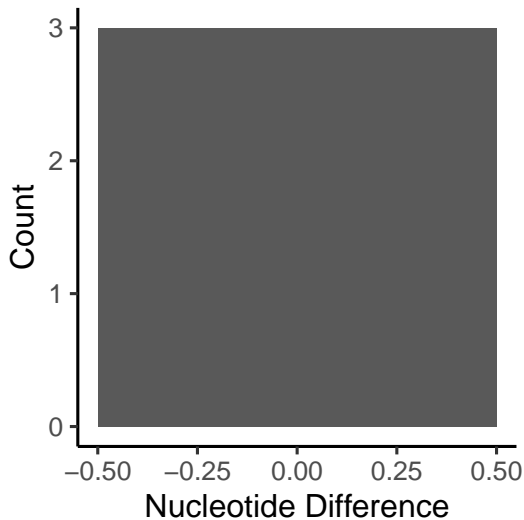
### IGLV3–21\*03

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



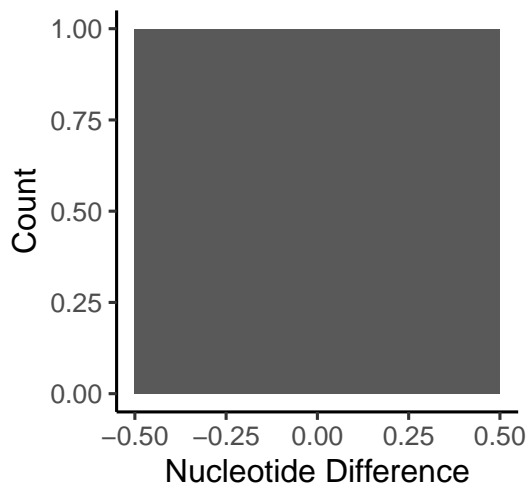
### IGLV4–60\*03EXT5

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



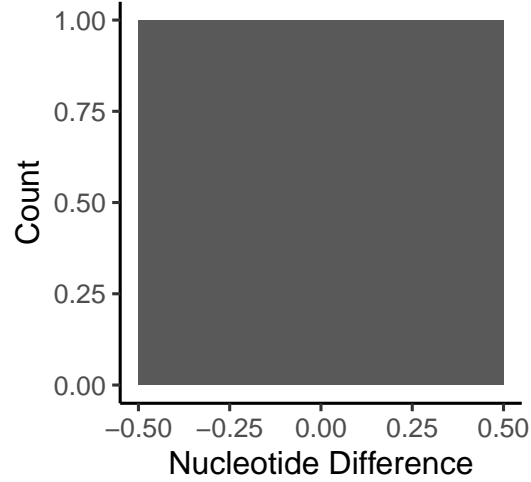
### IGLV5–52\*01

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



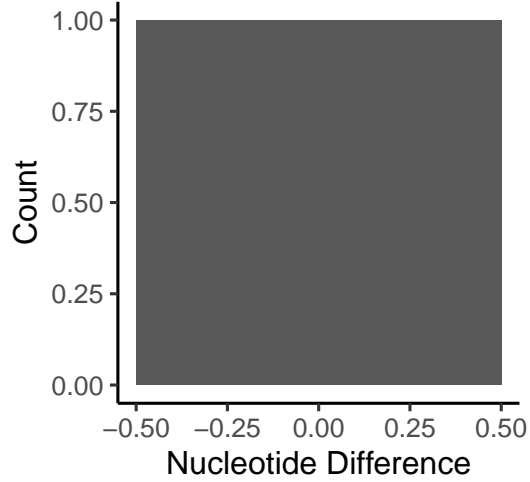
### IGLV6-57\*02

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



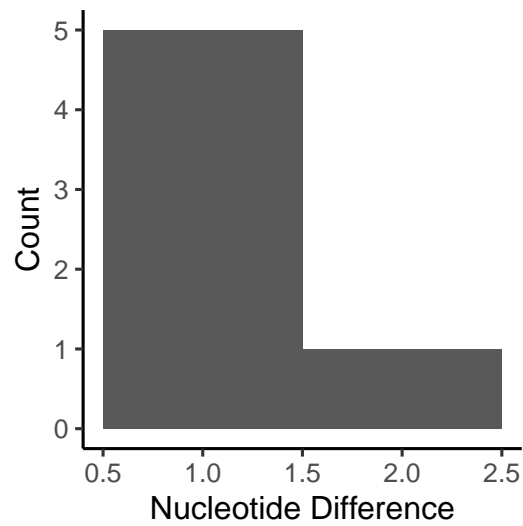
### IGLV7-46\*02

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



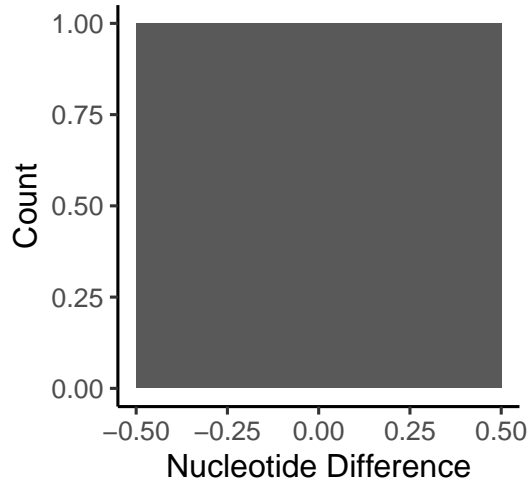
### IGLV6-57\*03

6 sequences assigned  
No exact matches.



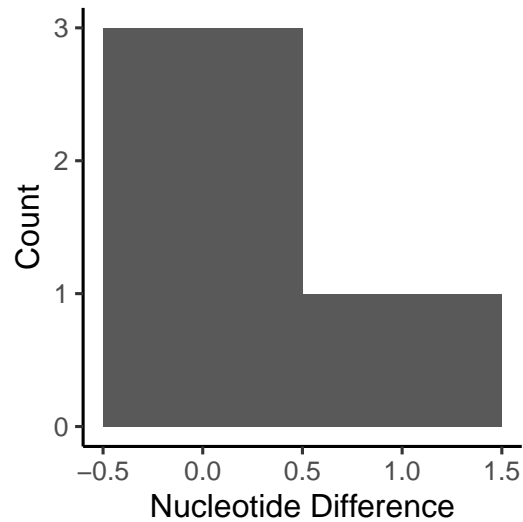
### IGLV8-61\*02

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

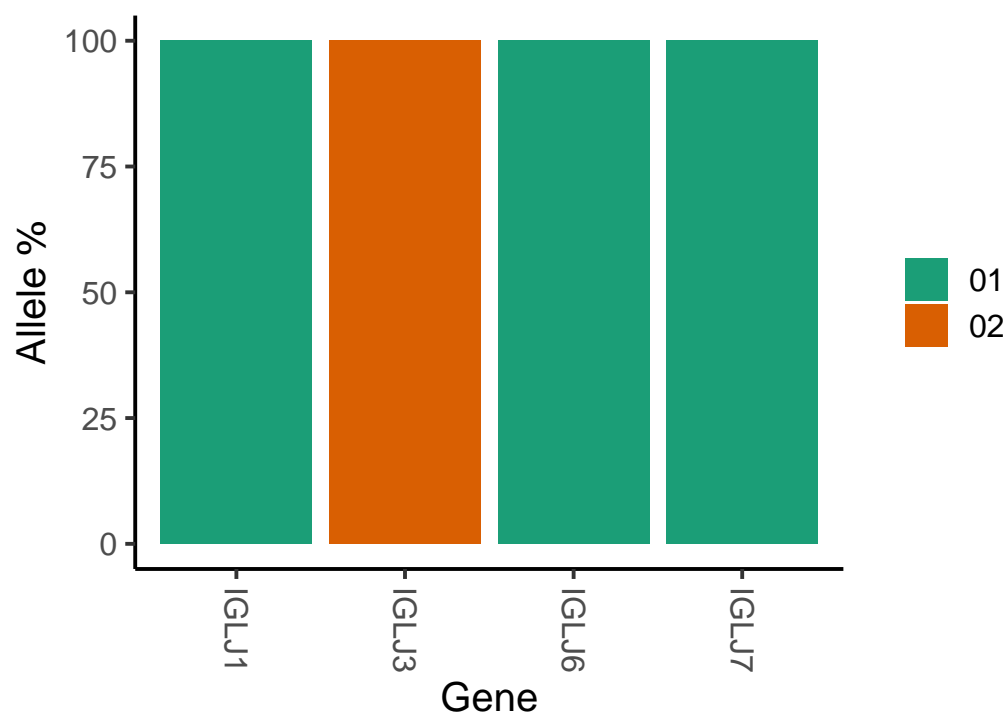


### IGLV7-43\*01

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



## Allele Usage



Warning – no inferred sequences found.