

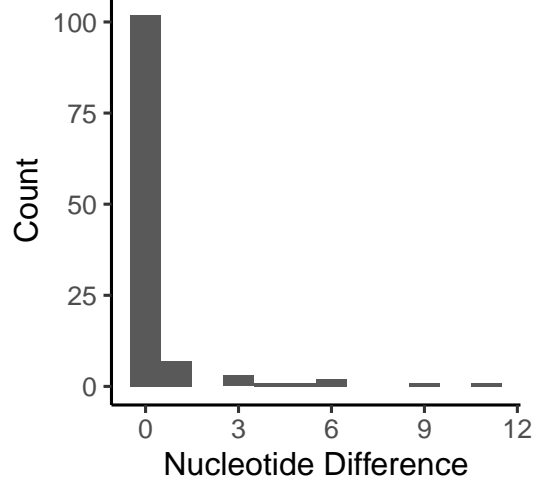
### IGLV10-54\*01

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



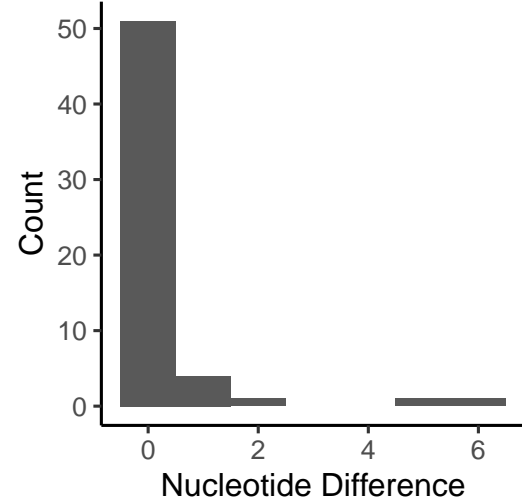
### IGLV1-40\*01

118 sequences assigned  
102 (86.4%) exact matches, in which:  
93 unique CDR3  
3 unique J



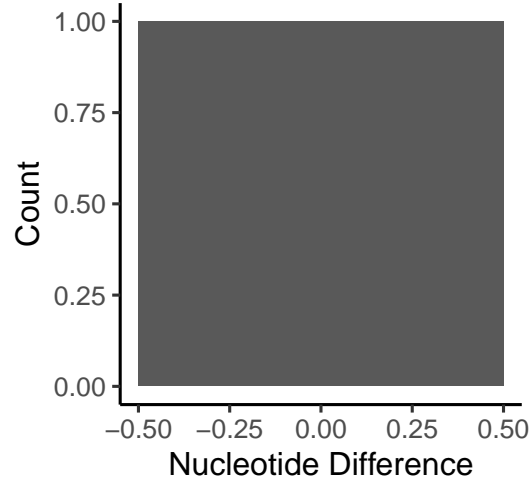
### IGLV1-47\*01

58 sequences assigned  
51 (87.9%) exact matches, in which:  
49 unique CDR3  
3 unique J



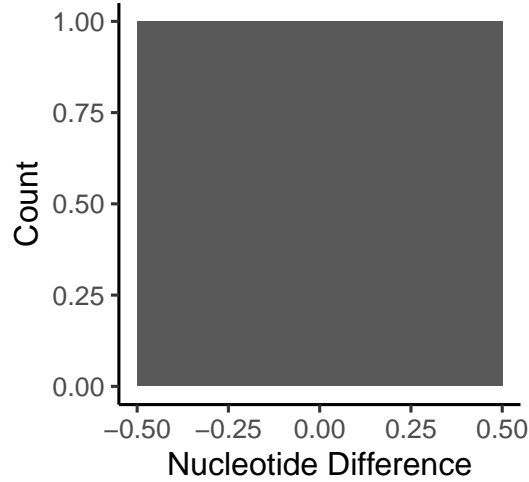
### IGLV10-54\*02

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



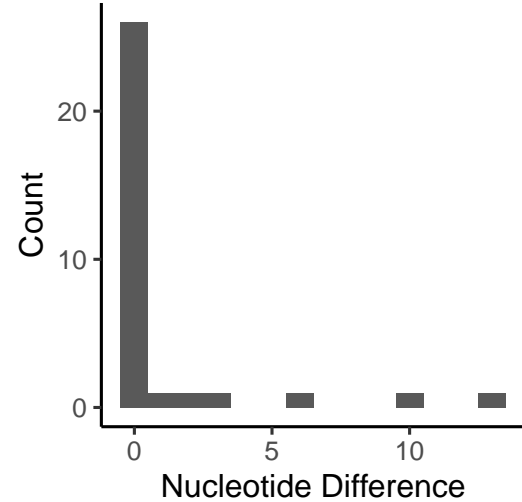
### IGLV1-41\*01

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



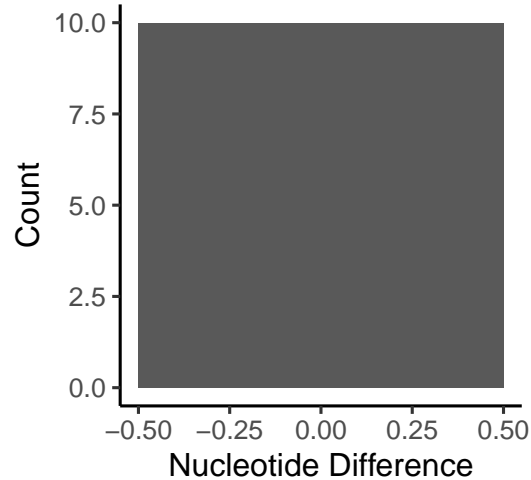
### IGLV1-47\*02

32 sequences assigned  
26 (81.2%) exact matches, in which:  
25 unique CDR3  
2 unique J



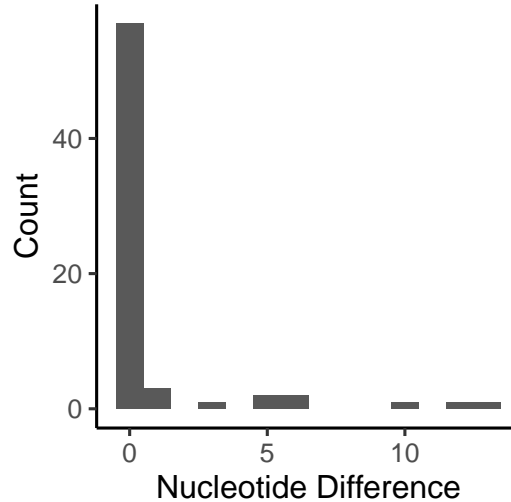
### IGLV1-36\*01

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



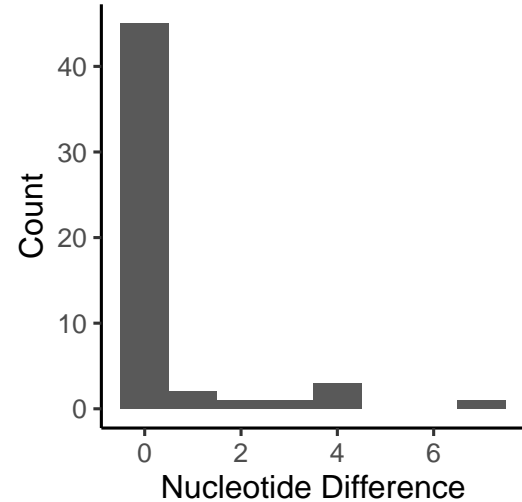
### IGLV1-44\*01

69 sequences assigned  
57 (82.6%) exact matches, in which:  
52 unique CDR3  
3 unique J



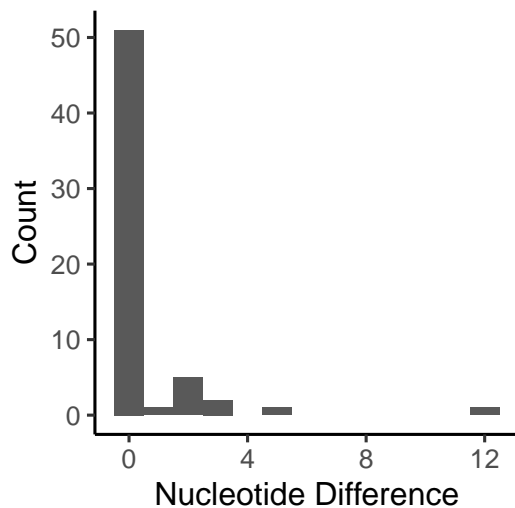
### IGLV1-51\*01

53 sequences assigned  
45 (84.9%) exact matches, in which:  
37 unique CDR3  
3 unique J



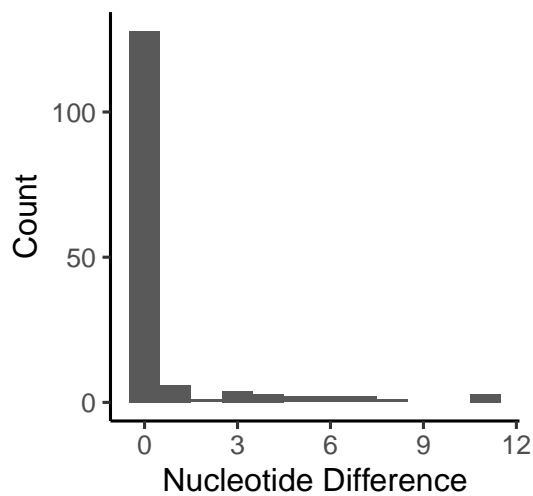
### IGLV2-8\*01

61 sequences assigned  
51 (83.6%) exact matches, in which:  
50 unique CDR3  
3 unique J



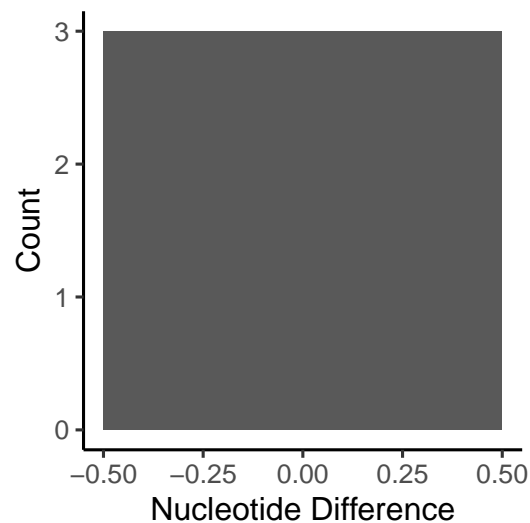
### IGLV2-14\*03EXT3

153 sequences assigned  
128 (83.7%) exact matches, in which:  
127 unique CDR3  
3 unique J



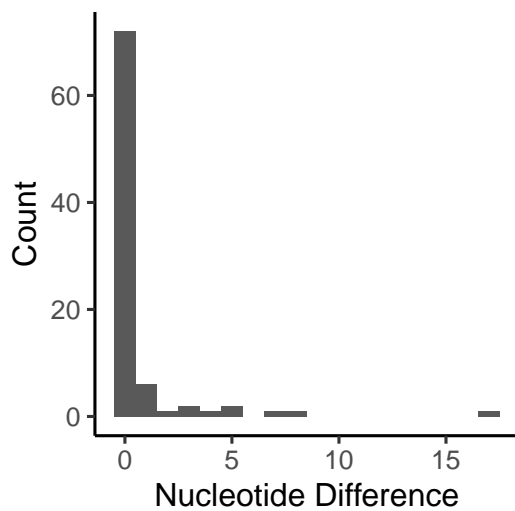
### IGLV2-23\*01

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



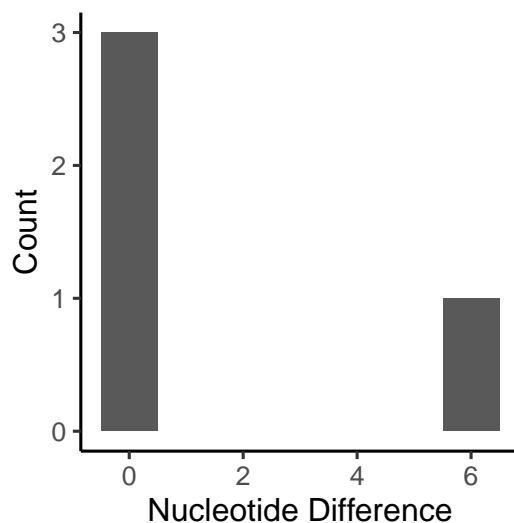
### IGLV2-11\*01

87 sequences assigned  
72 (82.8%) exact matches, in which:  
69 unique CDR3  
2 unique J



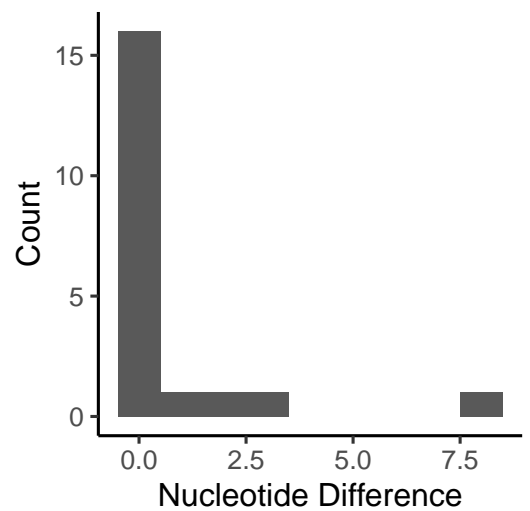
### IGLV2-18\*01

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



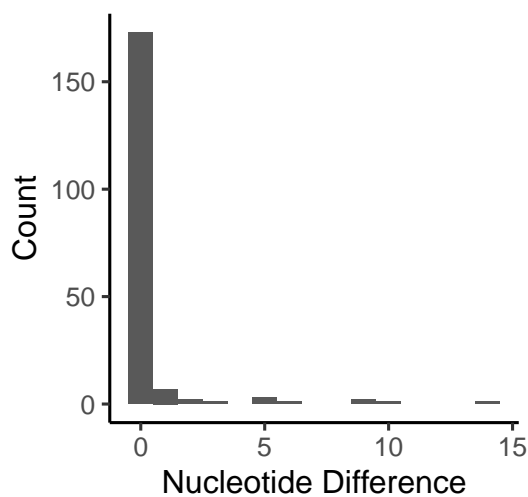
### IGLV2-23\*03EXT5

20 sequences assigned  
16 (80%) exact matches, in which:  
15 unique CDR3  
3 unique J



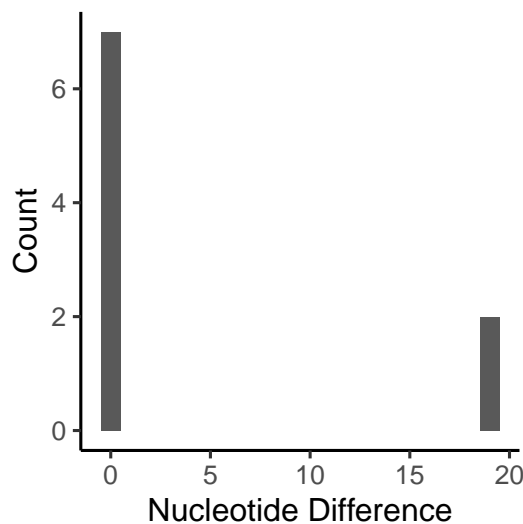
### IGLV2-14\*01

191 sequences assigned  
173 (90.6%) exact matches, in which:  
167 unique CDR3  
2 unique J



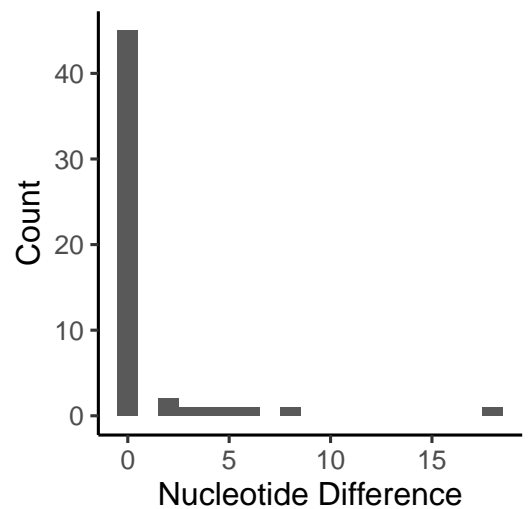
### IGLV2-18\*02

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



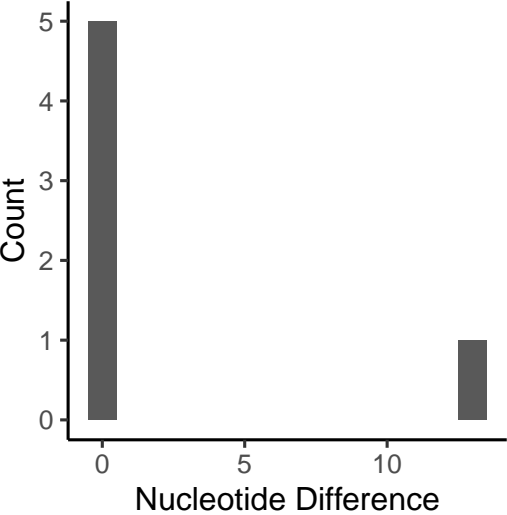
### IGLV3-1\*01

53 sequences assigned  
45 (84.9%) exact matches, in which:  
45 unique CDR3  
3 unique J



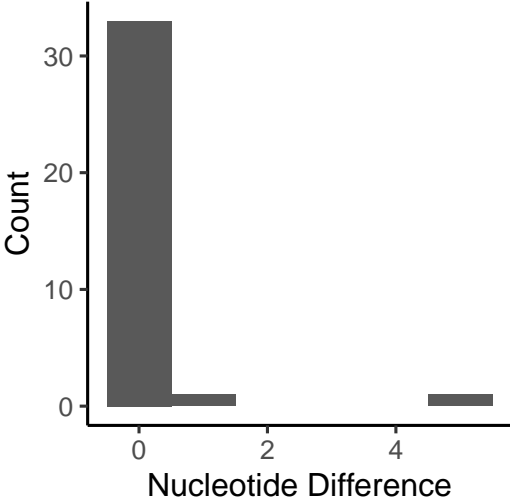
IGLV3-9\*01EXT5

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



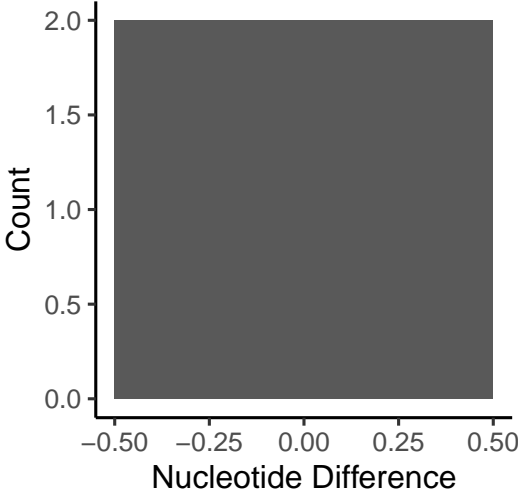
IGLV3-19\*01

35 sequences assigned  
33 (94.3%) exact matches, in which:  
29 unique CDR3  
2 unique J



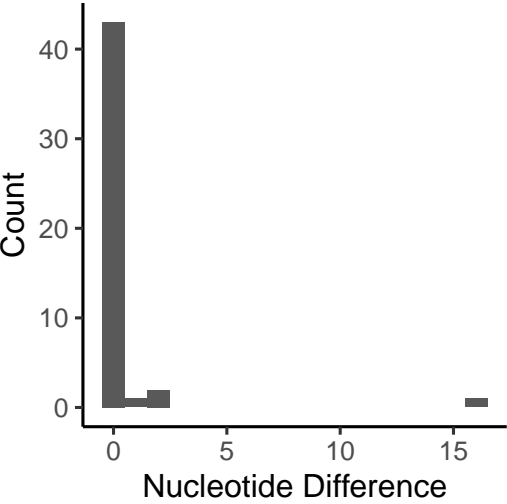
IGLV3-22\*01

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



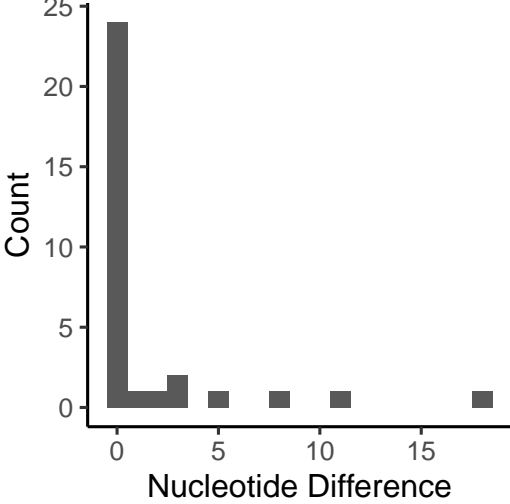
IGLV3-10\*01

47 sequences assigned  
43 (91.5%) exact matches, in which:  
42 unique CDR3  
2 unique J



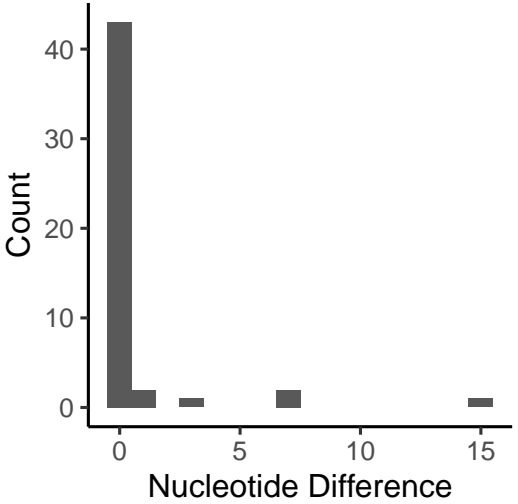
IGLV3-21\*02

32 sequences assigned  
24 (75%) exact matches, in which:  
22 unique CDR3  
3 unique J



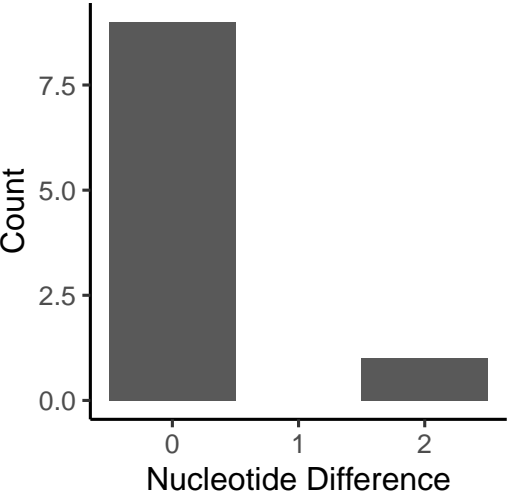
IGLV3-25\*02

49 sequences assigned  
43 (87.8%) exact matches, in which:  
41 unique CDR3  
2 unique J



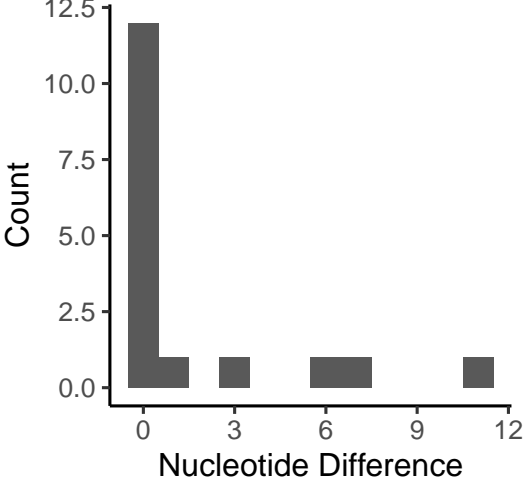
IGLV3-16\*01

10 sequences assigned  
9 (90%) exact matches, in which:  
9 unique CDR3  
3 unique J



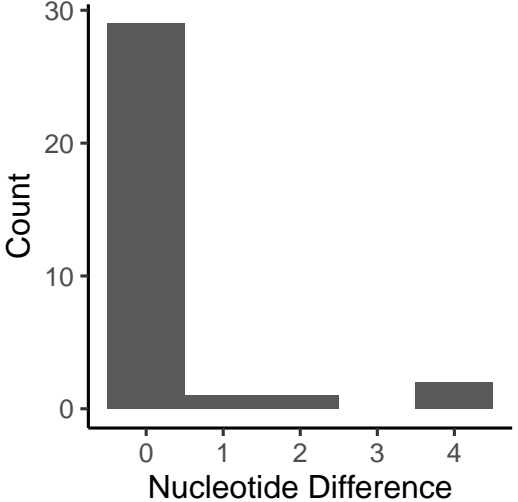
IGLV3-21\*04

18 sequences assigned  
12 (66.7%) exact matches, in which:  
12 unique CDR3  
2 unique J



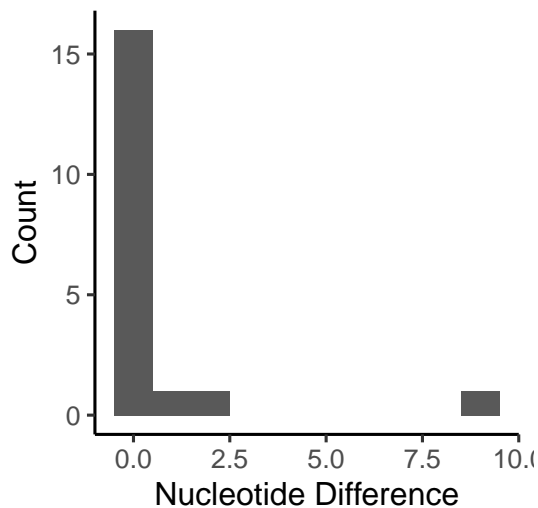
IGLV3-25\*03

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



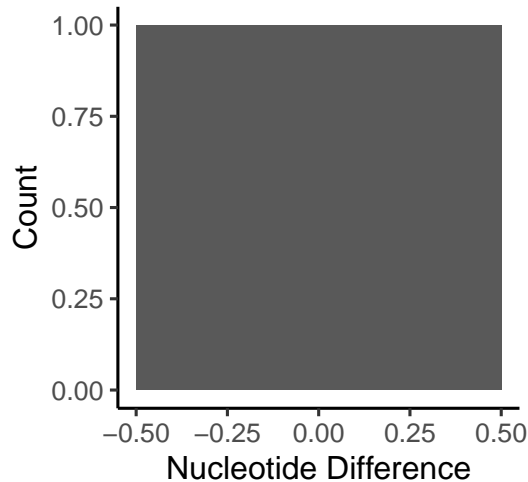
### IGLV3–27\*01

20 sequences assigned  
16 (80%) exact matches, in which:  
16 unique CDR3  
1 unique J



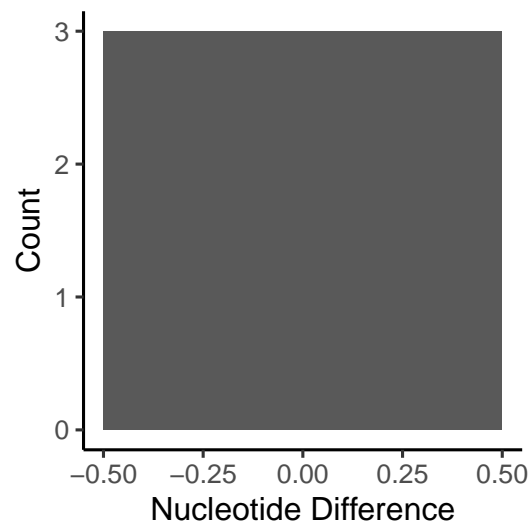
### IGLV4–60\*03EXT5

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



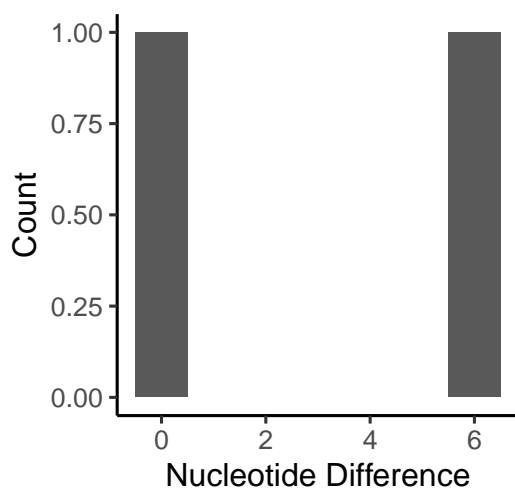
### IGLV5–39\*01

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



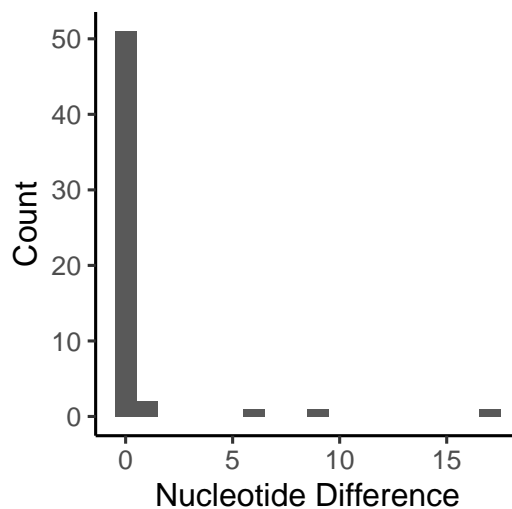
### IGLV4–3\*01

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



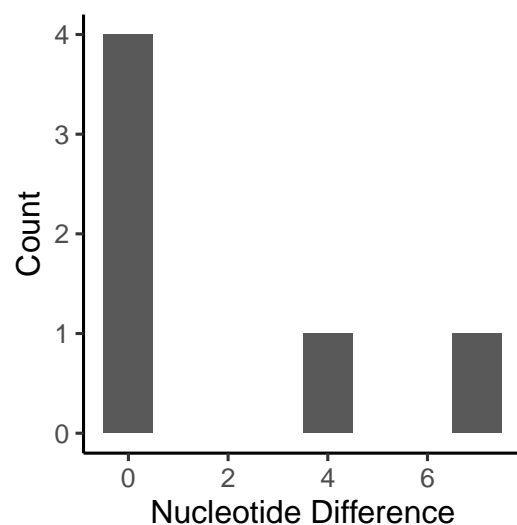
### IGLV4–69\*01

56 sequences assigned  
51 (91.1%) exact matches, in which:  
43 unique CDR3  
3 unique J



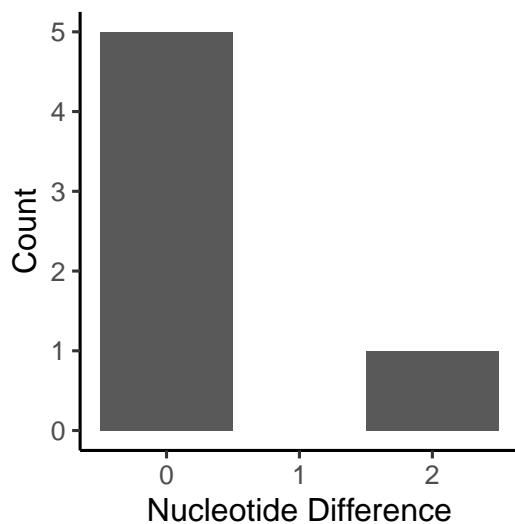
### IGLV5–45\*03

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



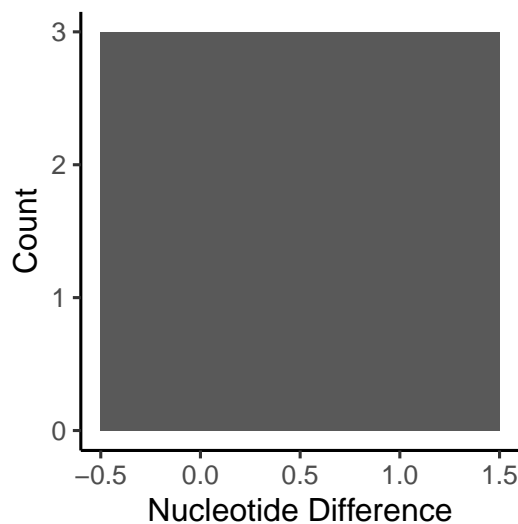
### IGLV4–60\*02

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



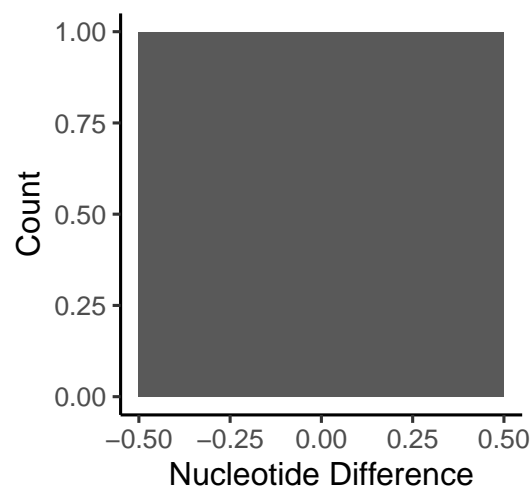
### IGLV5–37\*01

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



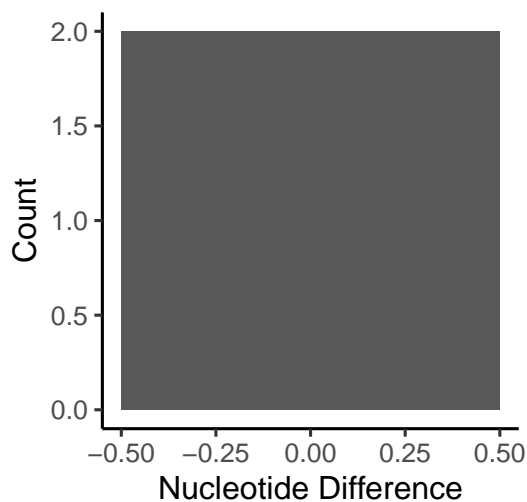
### IGLV5–48\*01

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



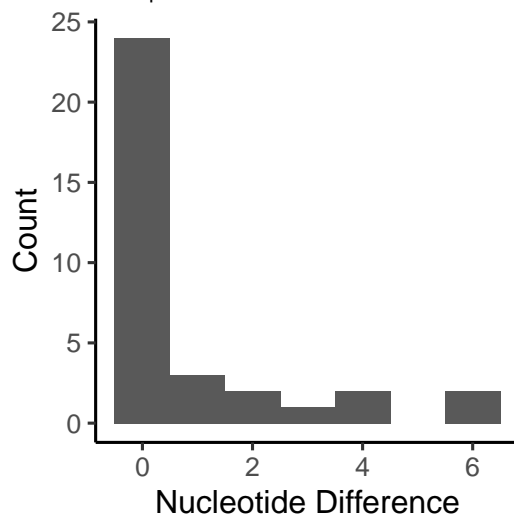
### IGLV5–52\*01

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



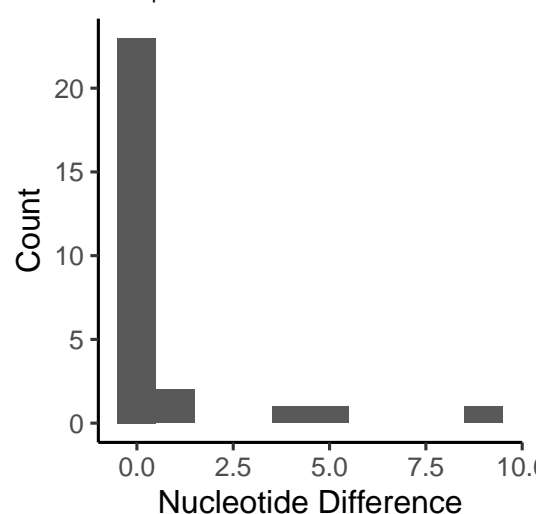
### IGLV7–43\*01

34 sequences assigned  
24 (70.6%) exact matches, in which:  
21 unique CDR3  
2 unique J



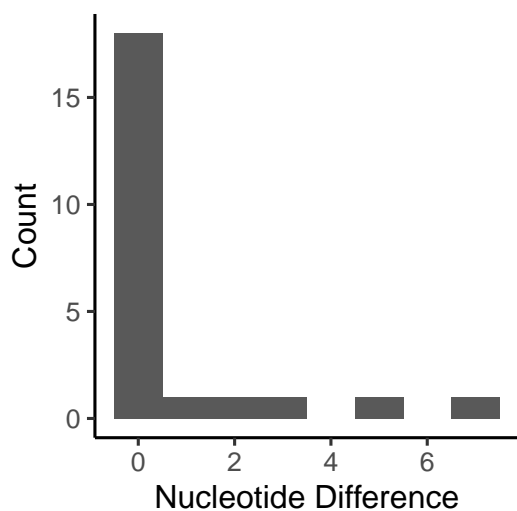
### IGLV8–61\*01

28 sequences assigned  
23 (82.1%) exact matches, in which:  
21 unique CDR3  
3 unique J



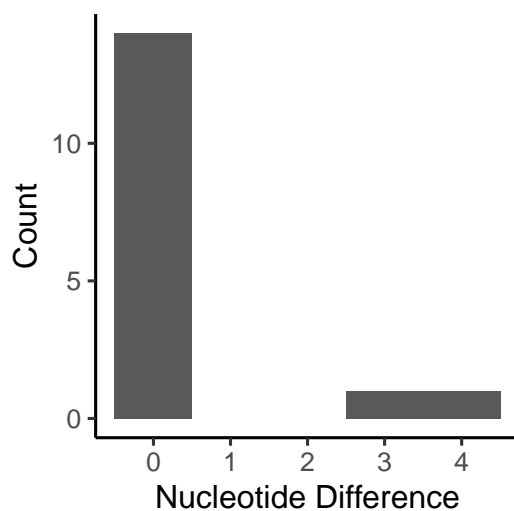
### IGLV6–57\*01

23 sequences assigned  
18 (78.3%) exact matches, in which:  
18 unique CDR3  
1 unique J



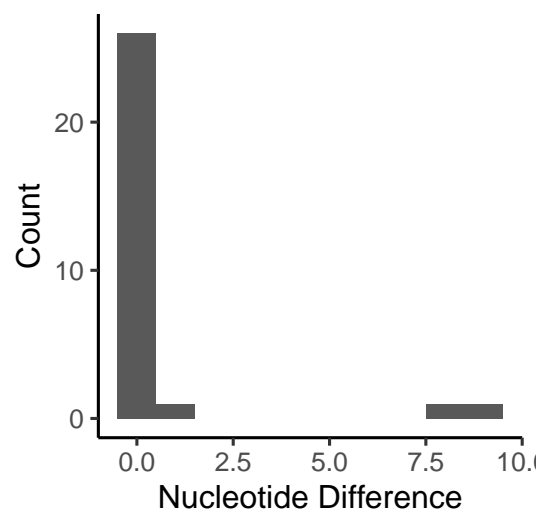
### IGLV7–46\*01

16 sequences assigned  
14 (87.5%) exact matches, in which:  
13 unique CDR3  
2 unique J



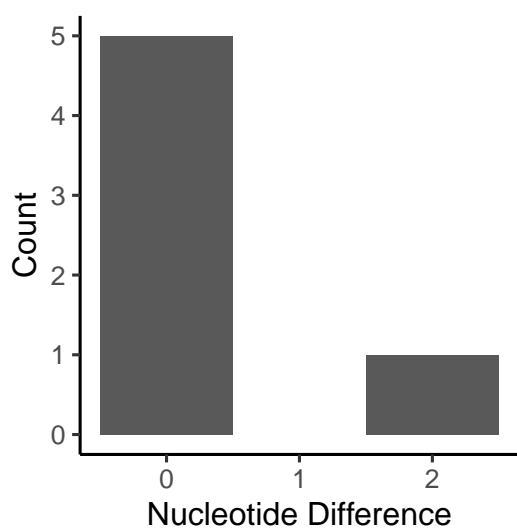
### IGLV9–49\*01

29 sequences assigned  
26 (89.7%) exact matches, in which:  
23 unique CDR3  
2 unique J



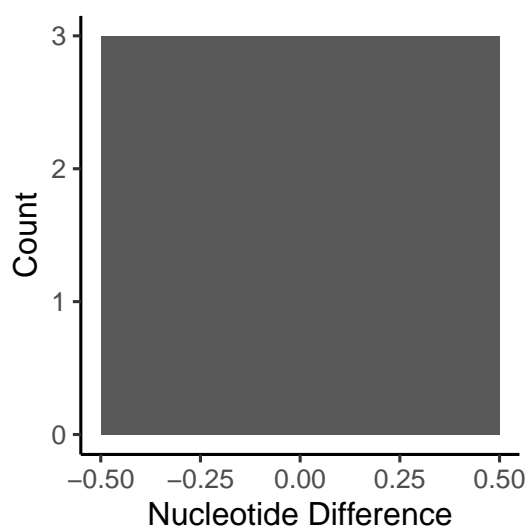
### IGLV6–57\*02

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



### IGLV7–46\*02

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



Allele Usage



Warning – no inferred sequences found.