

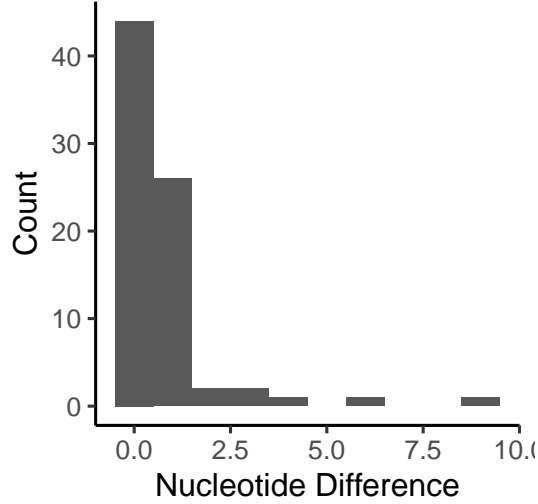
### IGLV10-54\*01

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



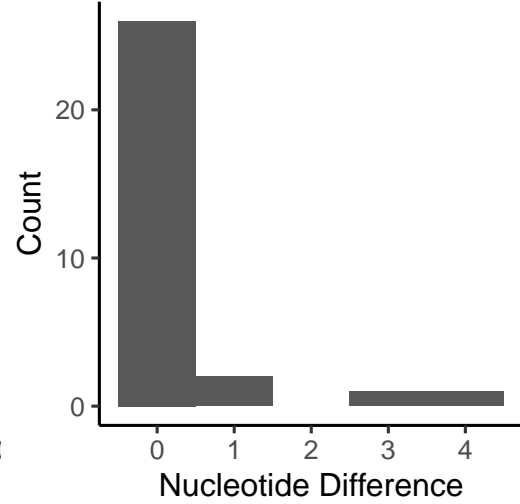
### IGLV1-44\*01

77 sequences assigned  
44 (57.1%) exact matches, in which:  
39 unique CDR3  
2 unique J



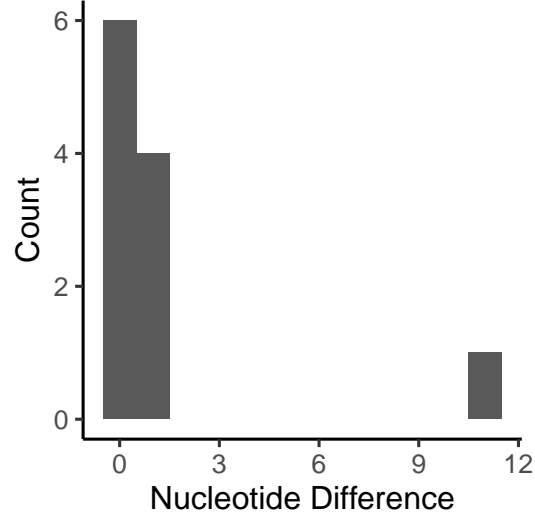
### IGLV1-51\*01

30 sequences assigned  
26 (86.7%) exact matches, in which:  
23 unique CDR3  
3 unique J



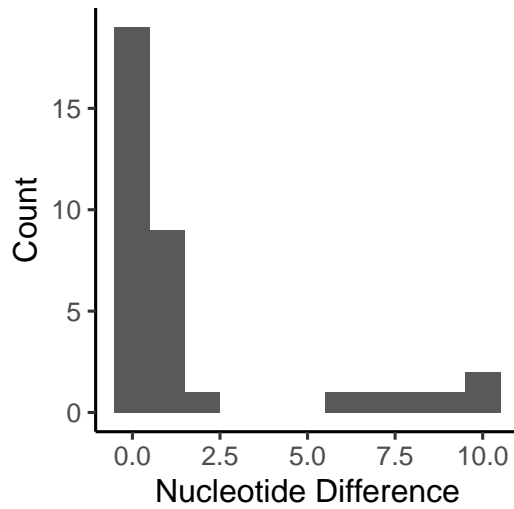
### IGLV1-36\*01

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



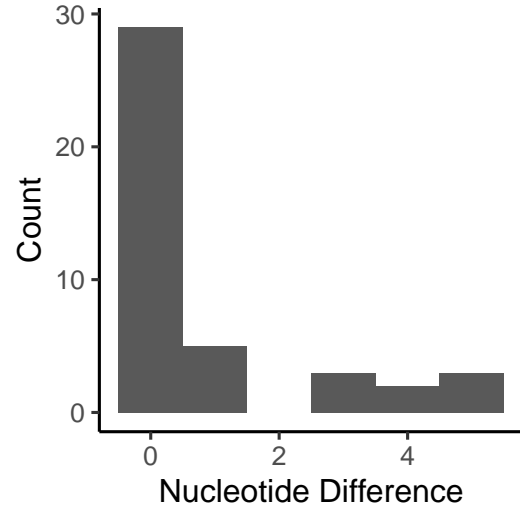
### IGLV1-47\*01

35 sequences assigned  
19 (54.3%) exact matches, in which:  
17 unique CDR3  
3 unique J



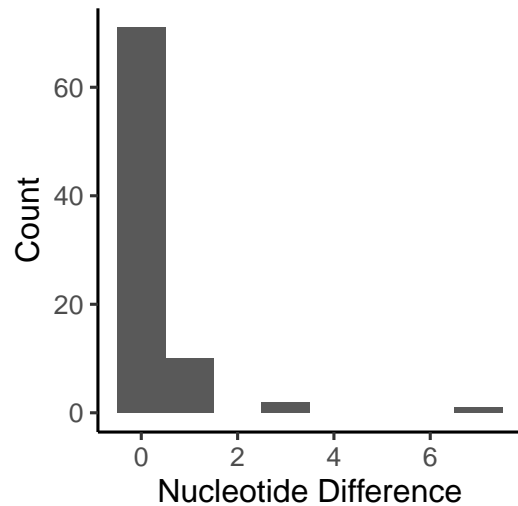
### IGLV2-8\*01

42 sequences assigned  
29 (69%) exact matches, in which:  
26 unique CDR3  
2 unique J



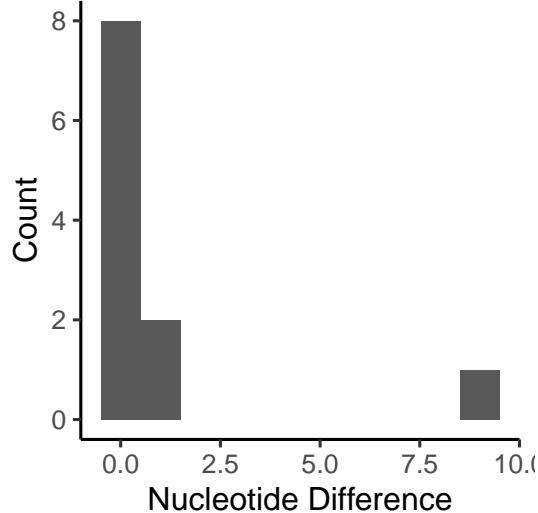
### IGLV1-40\*01

84 sequences assigned  
71 (84.5%) exact matches, in which:  
70 unique CDR3  
3 unique J



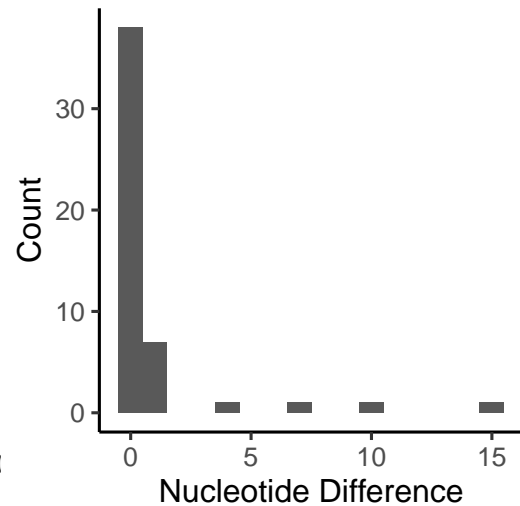
### IGLV1-47\*02

11 sequences assigned  
8 (72.7%) exact matches, in which:  
7 unique CDR3  
1 unique J



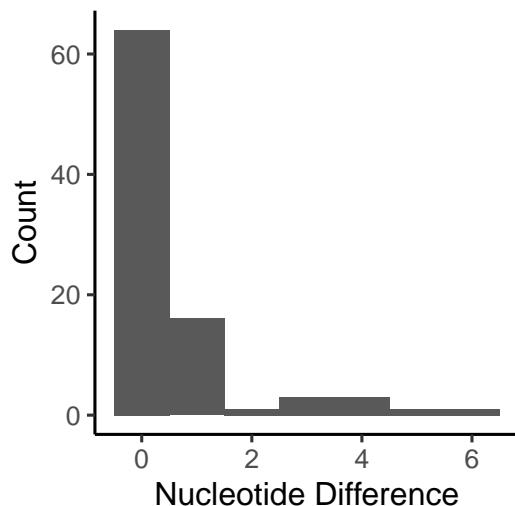
### IGLV2-11\*01

49 sequences assigned  
38 (77.6%) exact matches, in which:  
38 unique CDR3  
2 unique J



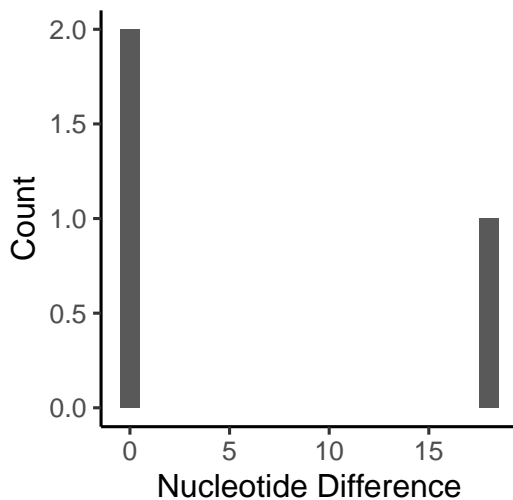
### IGLV2-14\*01

89 sequences assigned  
64 (71.9%) exact matches, in which:  
64 unique CDR3  
2 unique J



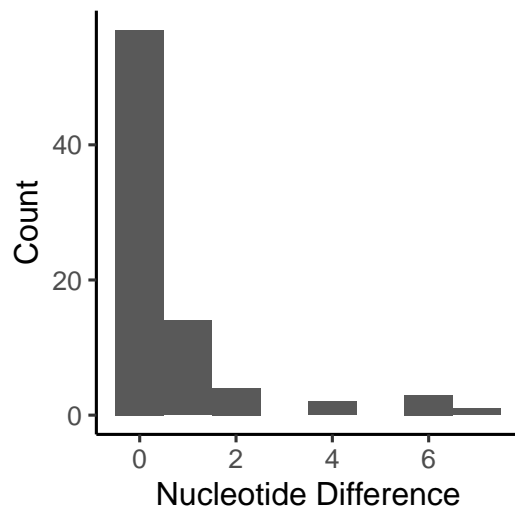
### IGLV2-18\*02

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



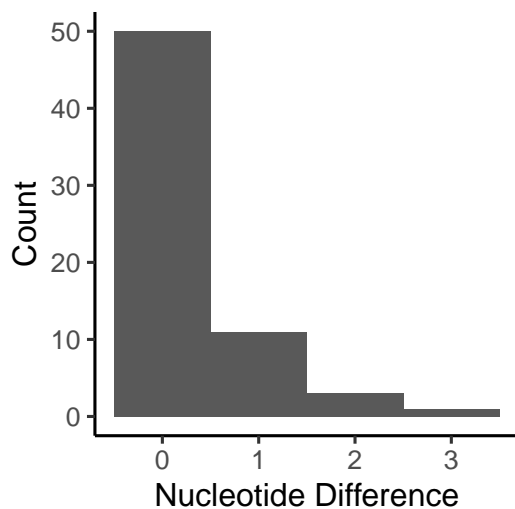
### IGLV3-1\*01

81 sequences assigned  
57 (70.4%) exact matches, in which:  
52 unique CDR3  
2 unique J



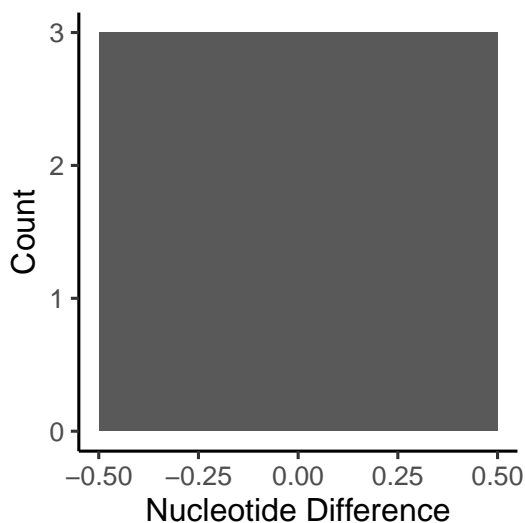
### IGLV2-14\*04EXT3

65 sequences assigned  
50 (76.9%) exact matches, in which:  
47 unique CDR3  
1 unique J



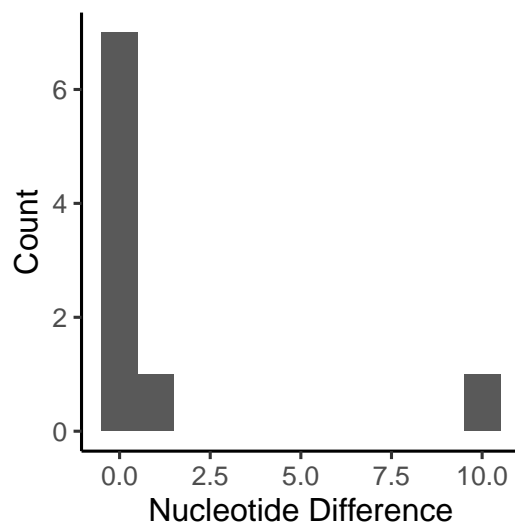
### IGLV2-23\*01

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



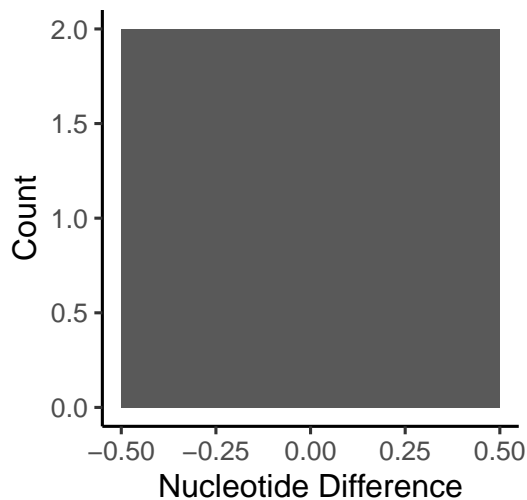
### IGLV3-9\*01EXT5

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



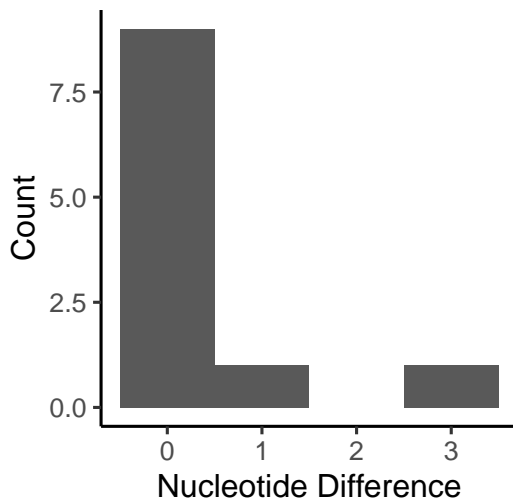
### IGLV2-18\*01

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



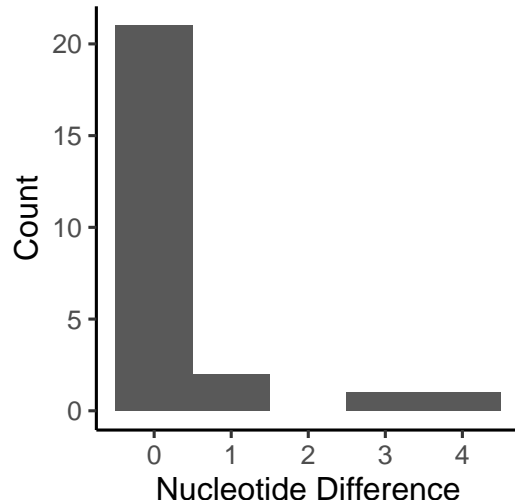
### IGLV2-23\*03EXT5

11 sequences assigned  
9 (81.8%) exact matches, in which:  
9 unique CDR3  
2 unique J



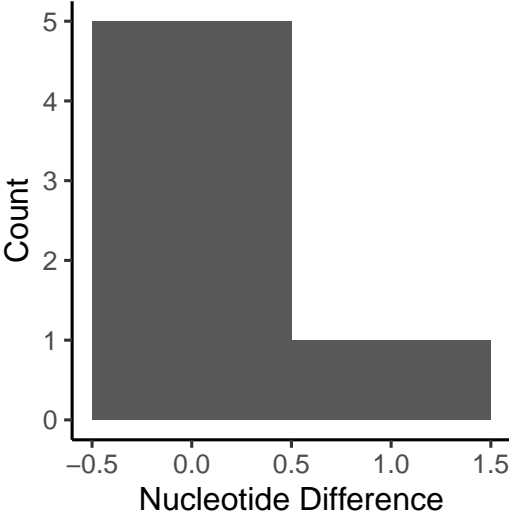
### IGLV3-10\*01

25 sequences assigned  
21 (84%) exact matches, in which:  
19 unique CDR3  
2 unique J



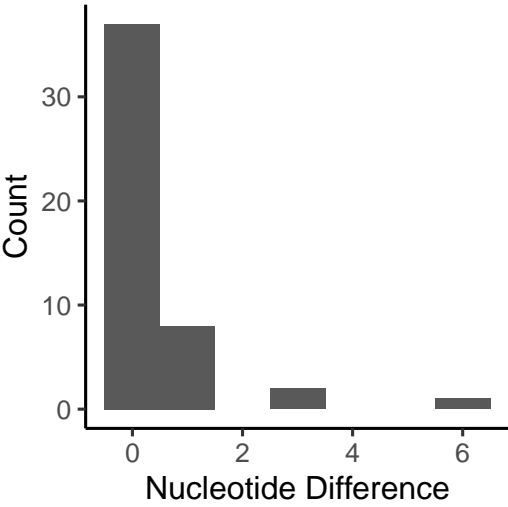
IGLV3–16\*01

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



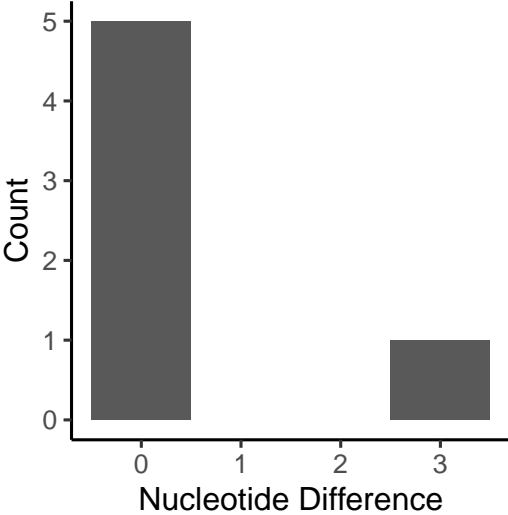
IGLV3–25\*03

48 sequences assigned  
37 (77.1%) exact matches, in which:  
37 unique CDR3  
3 unique J



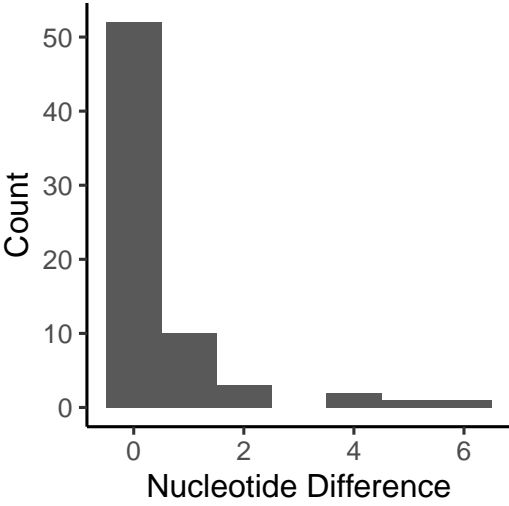
IGLV4–60\*03EXT5

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



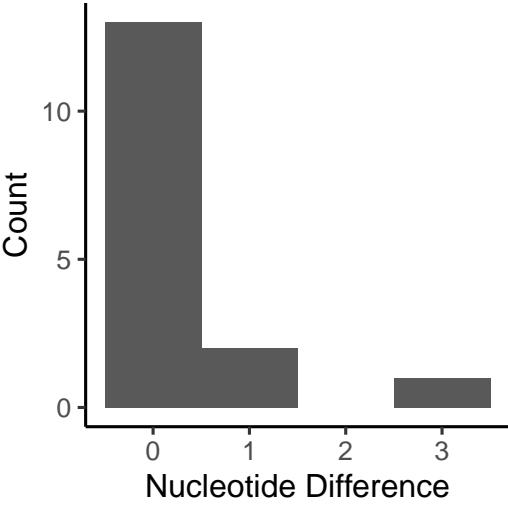
IGLV3–19\*01

69 sequences assigned  
52 (75.4%) exact matches, in which:  
45 unique CDR3  
3 unique J



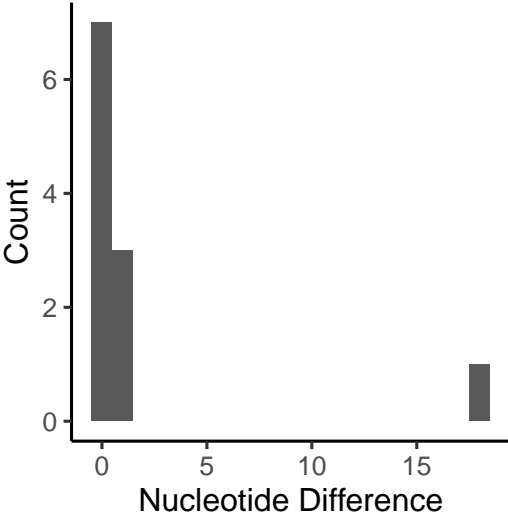
IGLV3–27\*01

16 sequences assigned  
13 (81.2%) exact matches, in which:  
12 unique CDR3  
3 unique J



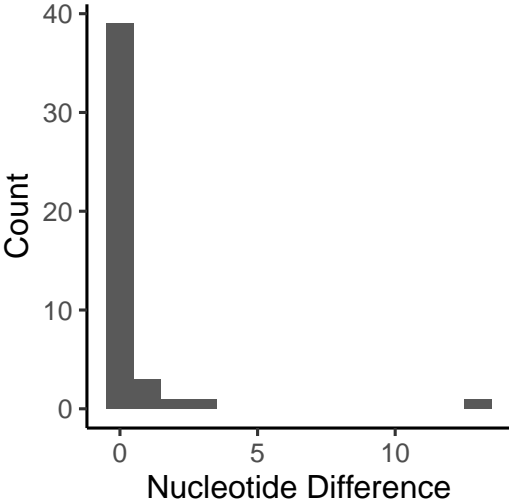
IGLV4–69\*01

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



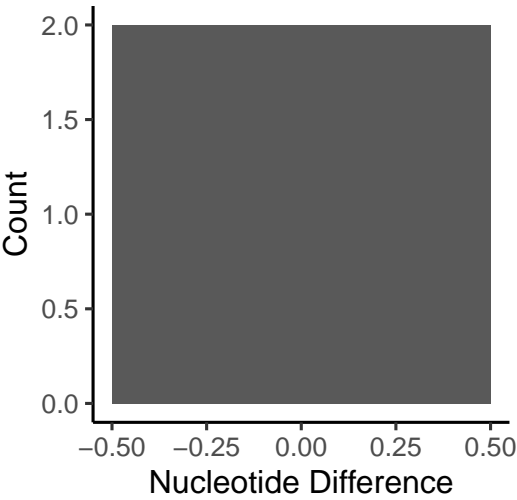
IGLV3–21\*04

45 sequences assigned  
39 (86.7%) exact matches, in which:  
37 unique CDR3  
3 unique J



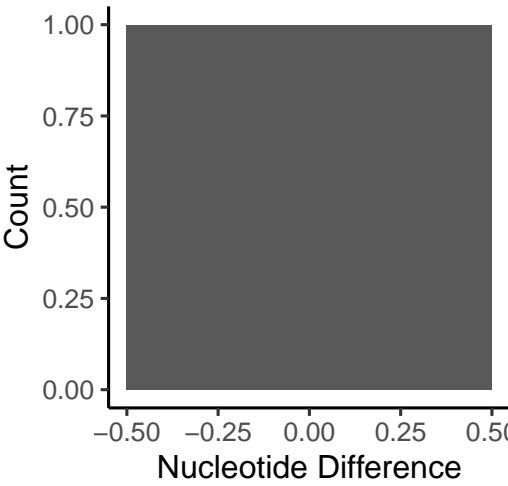
IGLV4–3\*01

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



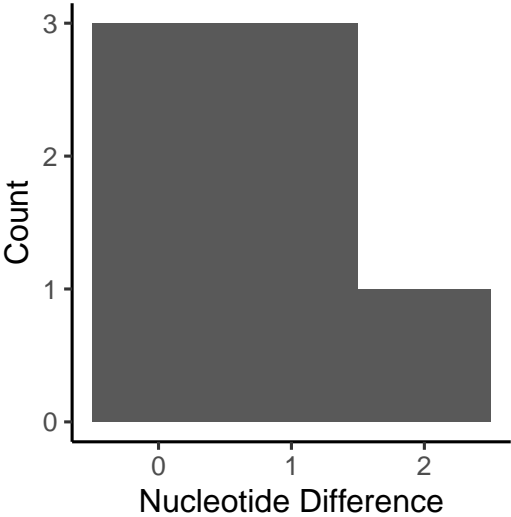
IGLV5–37\*01

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



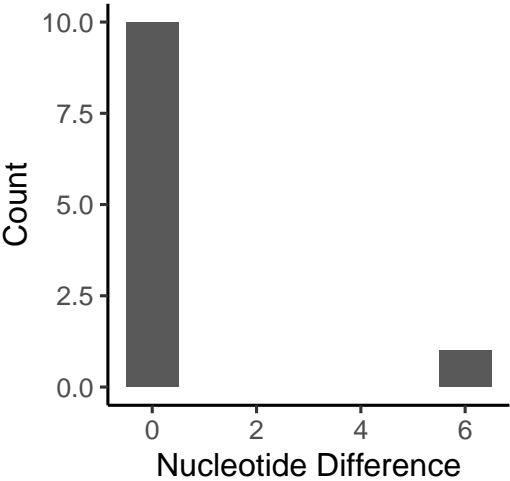
IGLV5-45\*02

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



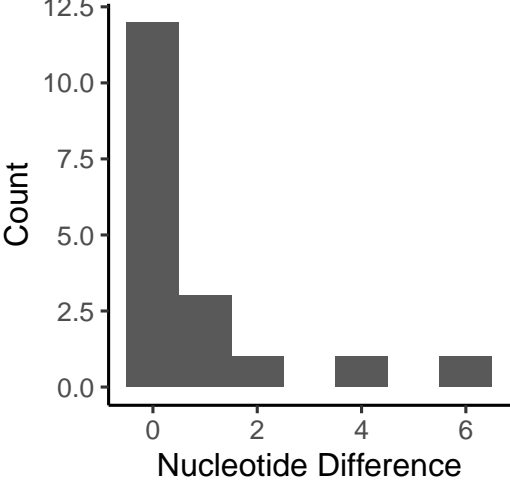
IGLV6-57\*03

11 sequences assigned  
10 (90.9%) exact matches, in which:  
8 unique CDR3  
2 unique J



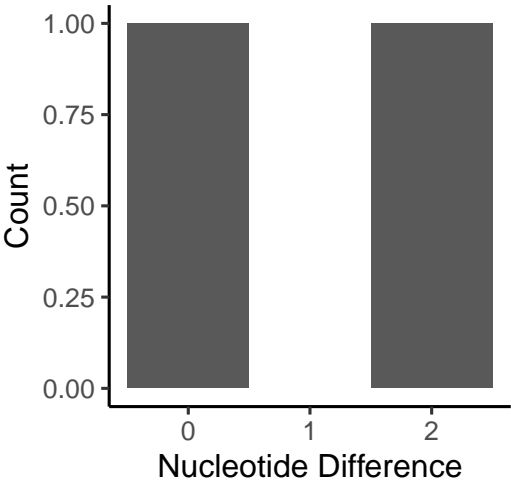
IGLV8-61\*01

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



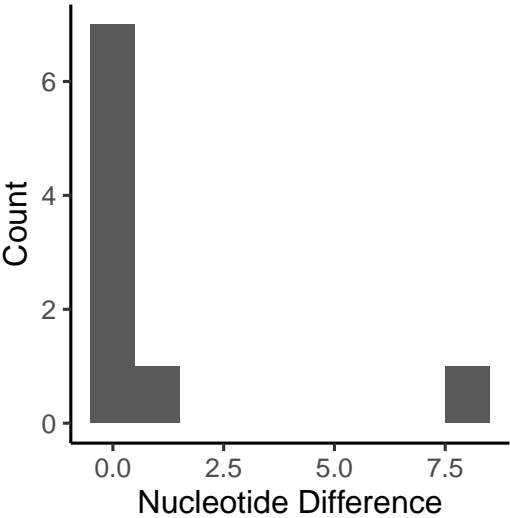
IGLV5-52\*01

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



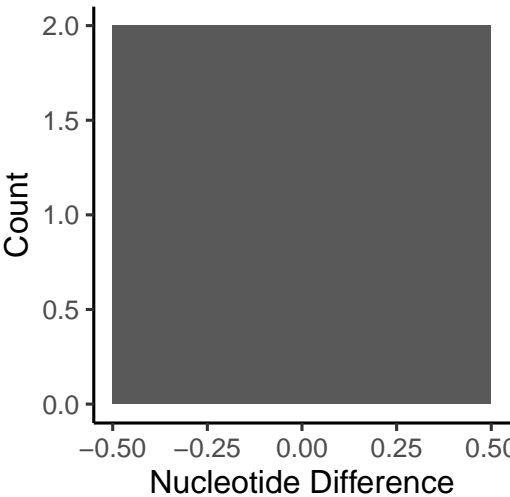
IGLV7-43\*01

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



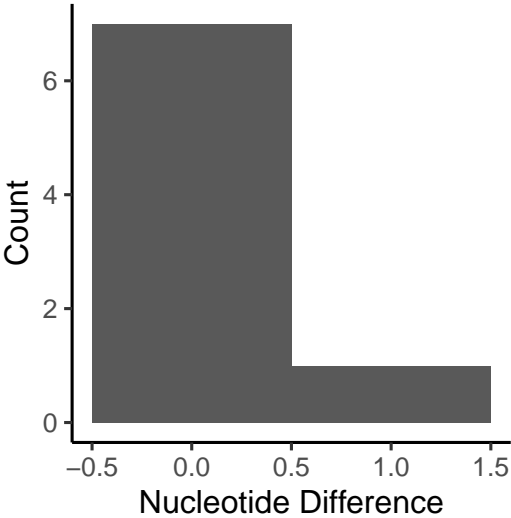
IGLV9-49\*01

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



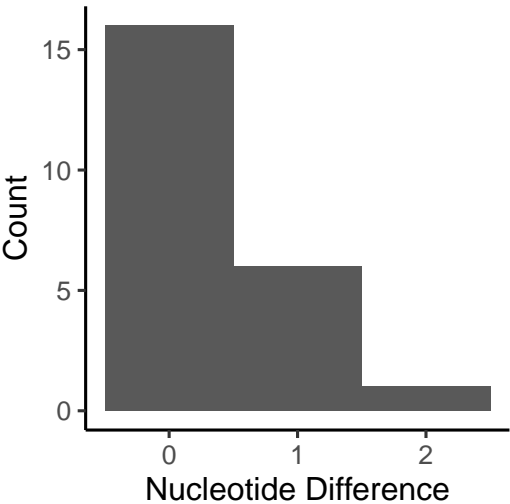
IGLV6-57\*02

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



IGLV7-46\*01

23 sequences assigned  
16 (69.6%) exact matches, in which:  
16 unique CDR3  
2 unique J



## Allele Usage



Warning – no inferred sequences found.