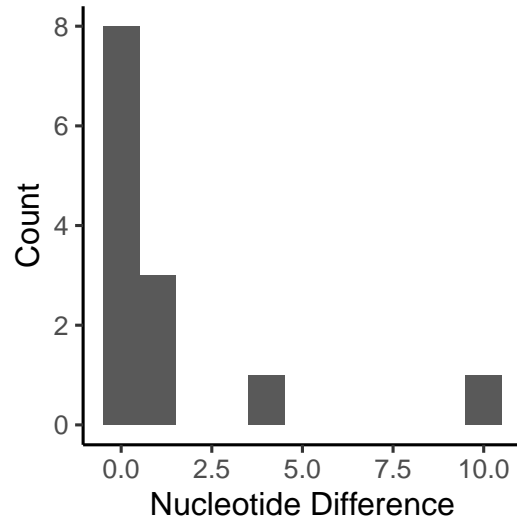


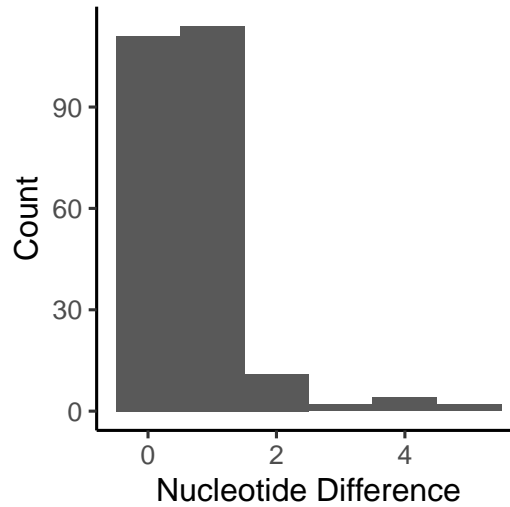
### IGLV10-54\*01

13 sequences assigned  
8 (61.5%) exact matches, in which:  
6 unique CDR3  
1 unique J



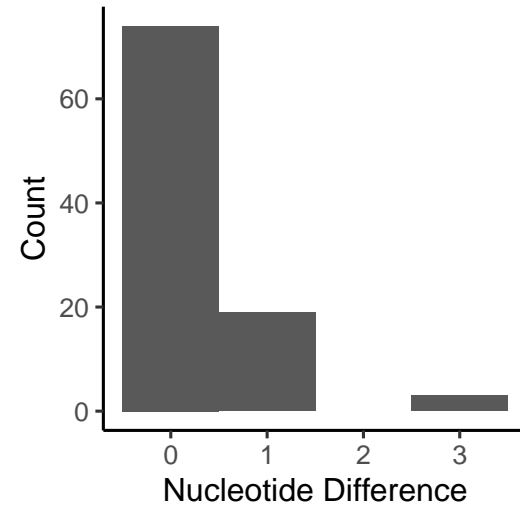
### IGLV1-44\*01

244 sequences assigned  
111 (45.5%) exact matches, in which:  
96 unique CDR3  
3 unique J



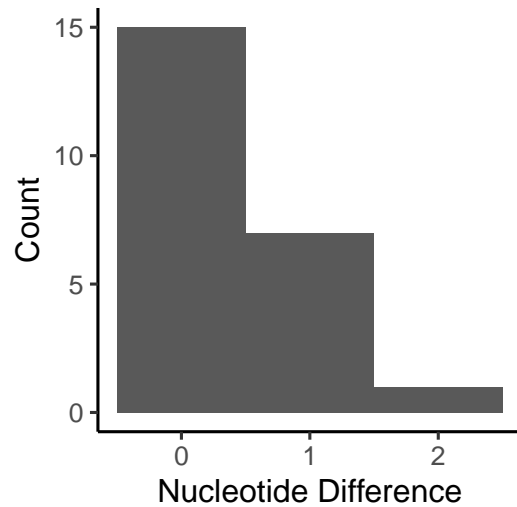
### IGLV1-51\*01

96 sequences assigned  
74 (77.1%) exact matches, in which:  
69 unique CDR3  
2 unique J



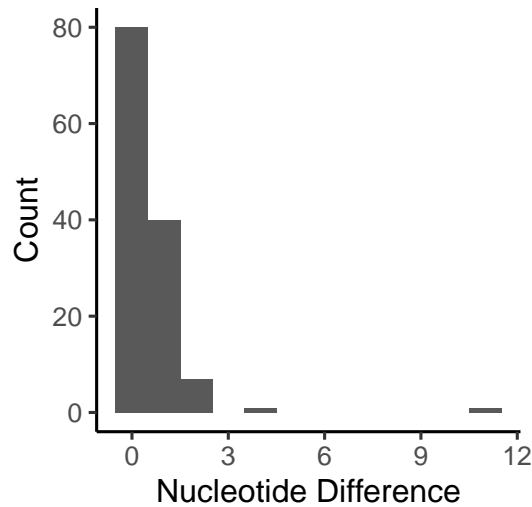
### IGLV1-36\*01

23 sequences assigned  
15 (65.2%) exact matches, in which:  
12 unique CDR3  
2 unique J



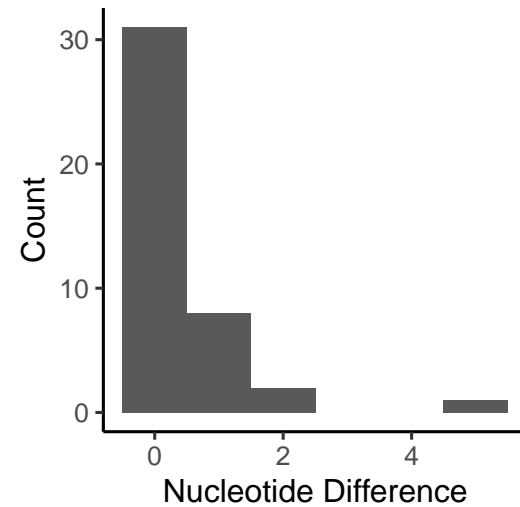
### IGLV1-47\*01

129 sequences assigned  
80 (62%) exact matches, in which:  
68 unique CDR3  
2 unique J



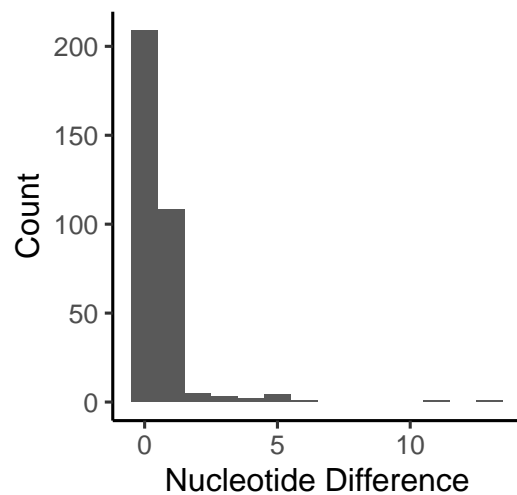
### IGLV2-8\*01

42 sequences assigned  
31 (73.8%) exact matches, in which:  
29 unique CDR3  
2 unique J



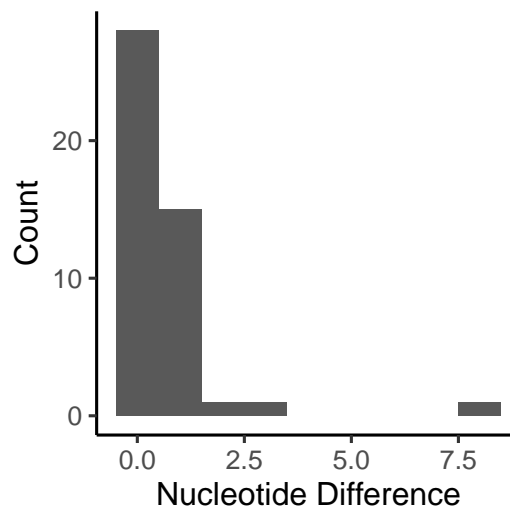
### IGLV1-40\*01

334 sequences assigned  
209 (62.6%) exact matches, in which:  
187 unique CDR3  
3 unique J



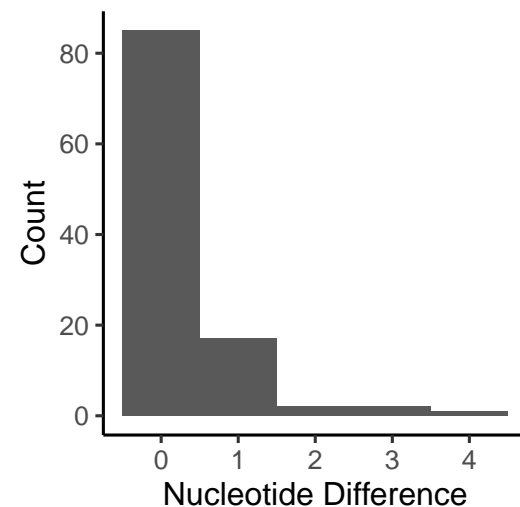
### IGLV1-47\*02

46 sequences assigned  
28 (60.9%) exact matches, in which:  
27 unique CDR3  
3 unique J



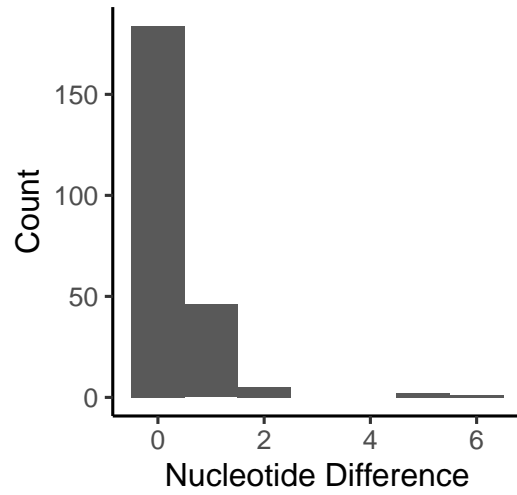
### IGLV2-11\*01

107 sequences assigned  
85 (79.4%) exact matches, in which:  
78 unique CDR3  
2 unique J



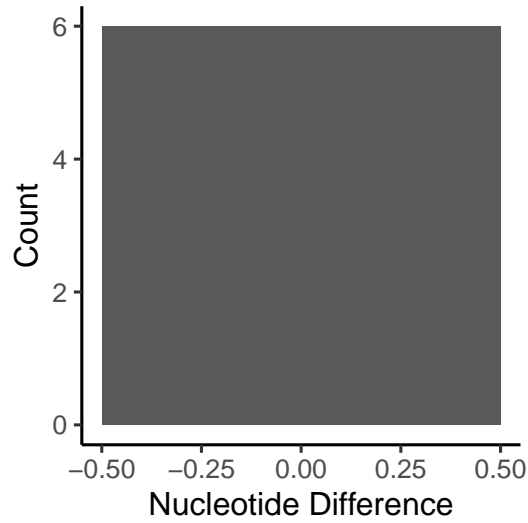
### IGLV2-14\*01

238 sequences assigned  
184 (77.3%) exact matches, in which:  
169 unique CDR3  
2 unique J



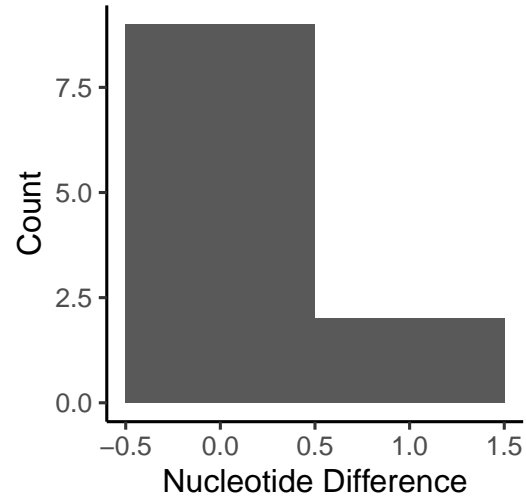
### IGLV2-18\*02

6 sequences assigned  
6 (100%) exact matches, in which:  
5 unique CDR3  
2 unique J



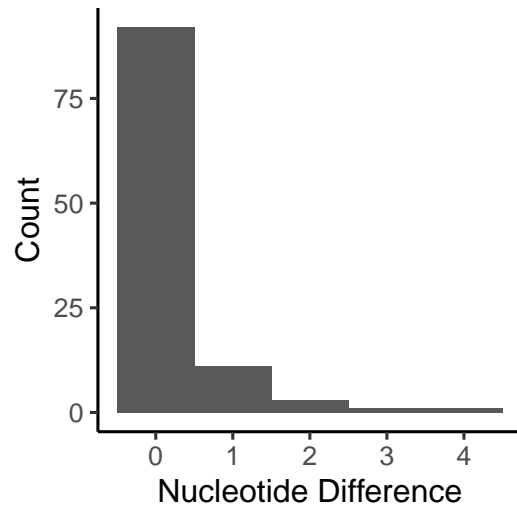
### IGLV3-9\*01EXT5

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



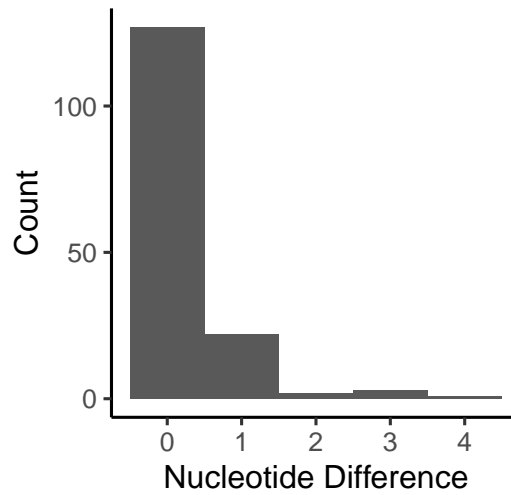
### IGLV2-14\*03EXT3

108 sequences assigned  
92 (85.2%) exact matches, in which:  
88 unique CDR3  
3 unique J



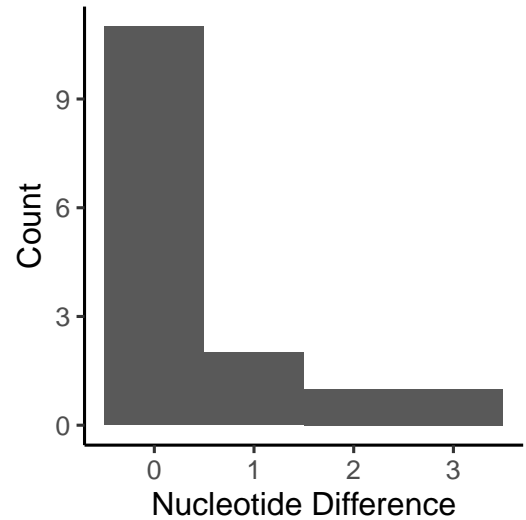
### IGLV2-23\*03EXT5

155 sequences assigned  
127 (81.9%) exact matches, in which:  
123 unique CDR3  
3 unique J



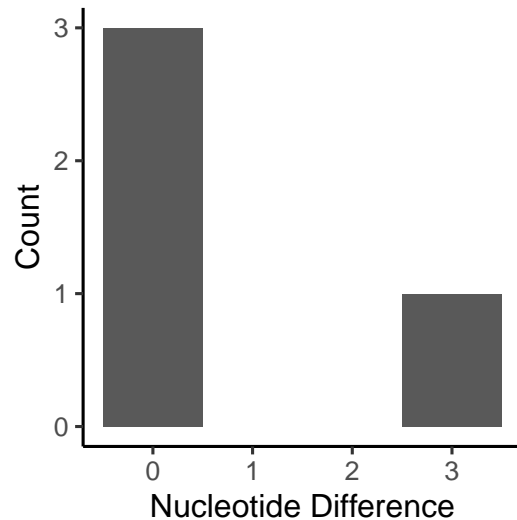
### IGLV3-10\*01

15 sequences assigned  
11 (73.3%) exact matches, in which:  
10 unique CDR3  
2 unique J



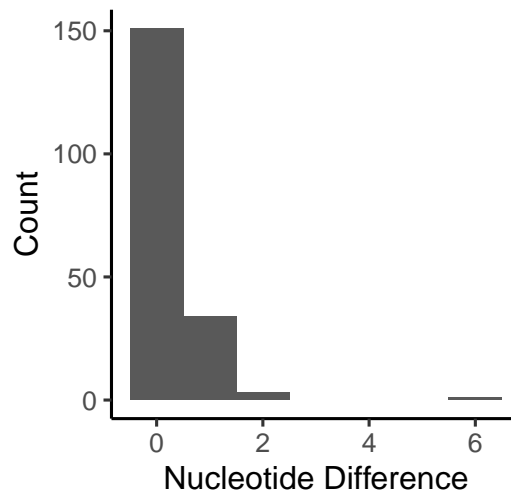
### IGLV2-18\*01

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



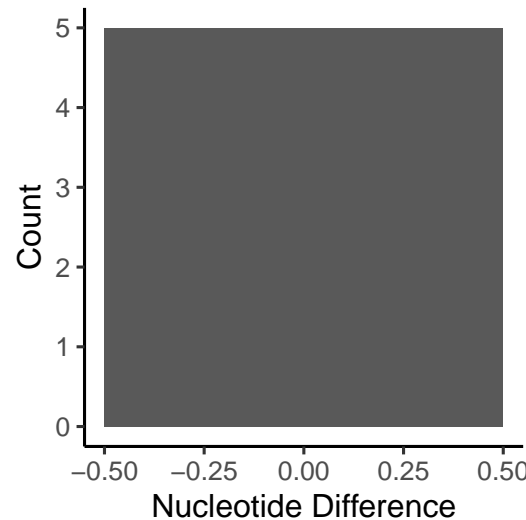
### IGLV3-1\*01

189 sequences assigned  
151 (79.9%) exact matches, in which:  
140 unique CDR3  
3 unique J



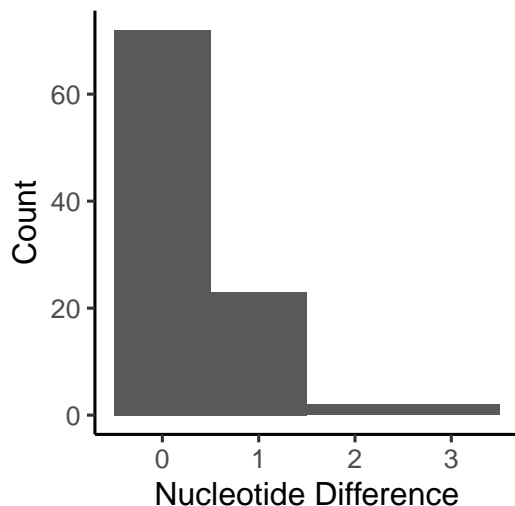
### IGLV3-16\*01

5 sequences assigned  
5 (100%) exact matches, in which:  
5 unique CDR3  
2 unique J



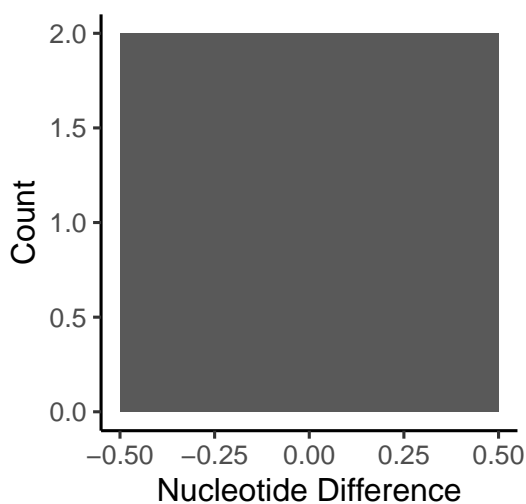
### IGLV3-19\*01

99 sequences assigned  
72 (72.7%) exact matches, in which:  
68 unique CDR3  
2 unique J



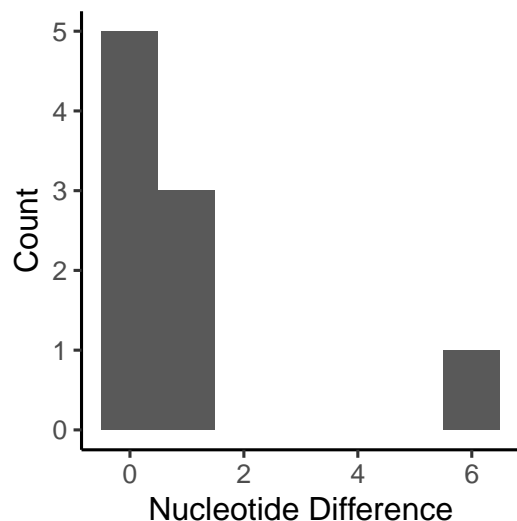
### IGLV3-22\*01

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



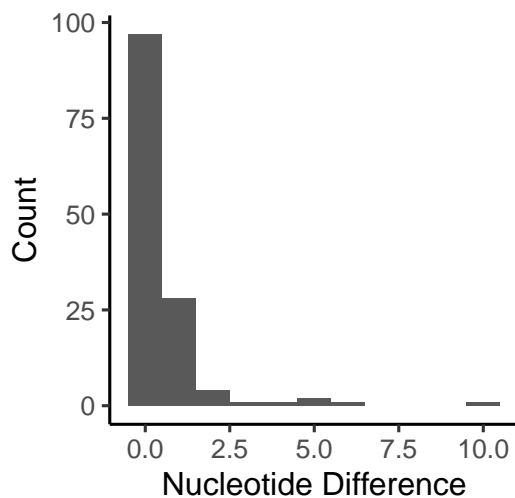
### IGLV3-27\*01

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



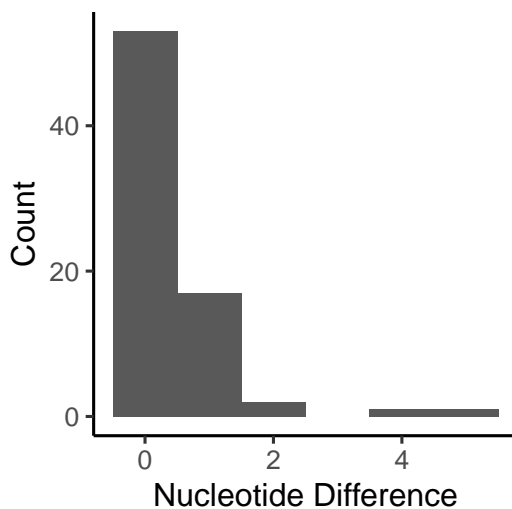
### IGLV3-21\*02

135 sequences assigned  
97 (71.9%) exact matches, in which:  
93 unique CDR3  
3 unique J



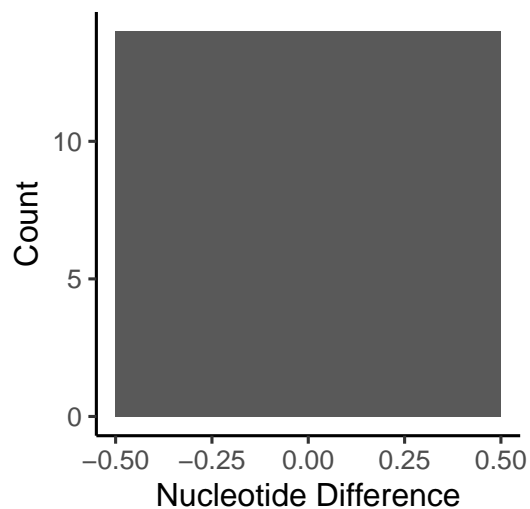
### IGLV3-25\*02

74 sequences assigned  
53 (71.6%) exact matches, in which:  
50 unique CDR3  
2 unique J



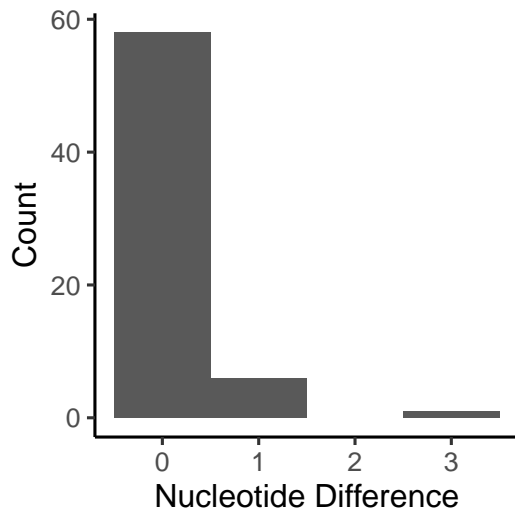
### IGLV4-60\*03EXT5

14 sequences assigned  
14 (100%) exact matches, in which:  
13 unique CDR3  
2 unique J



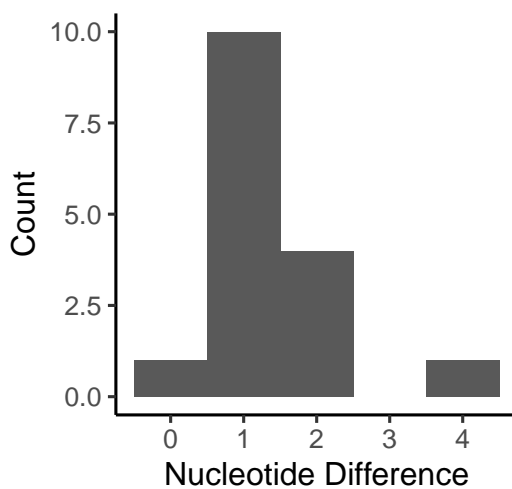
### IGLV3-21\*04

65 sequences assigned  
58 (89.2%) exact matches, in which:  
54 unique CDR3  
3 unique J



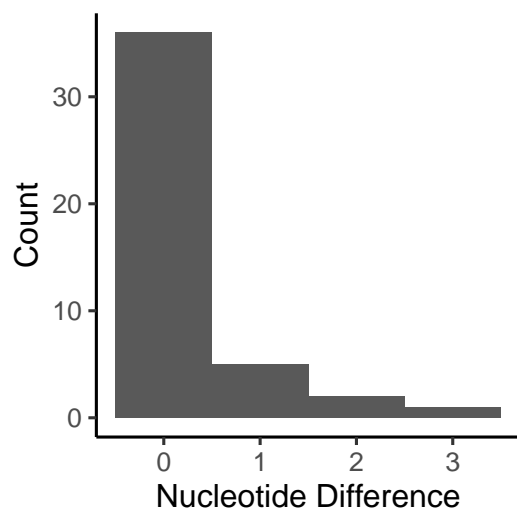
### IGLV3-25\*03

16 sequences assigned  
1 (6.2%) exact matches, in which:  
1 unique CDR3  
1 unique J



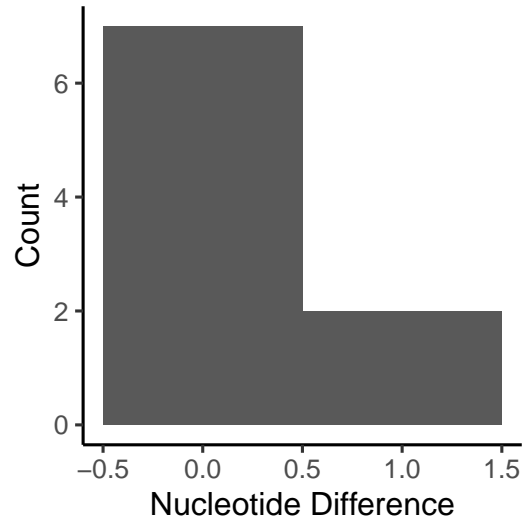
### IGLV4-69\*01

44 sequences assigned  
36 (81.8%) exact matches, in which:  
32 unique CDR3  
3 unique J



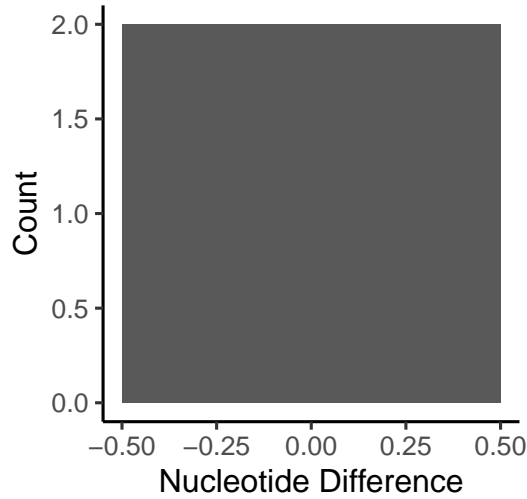
### IGLV5-37\*01

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



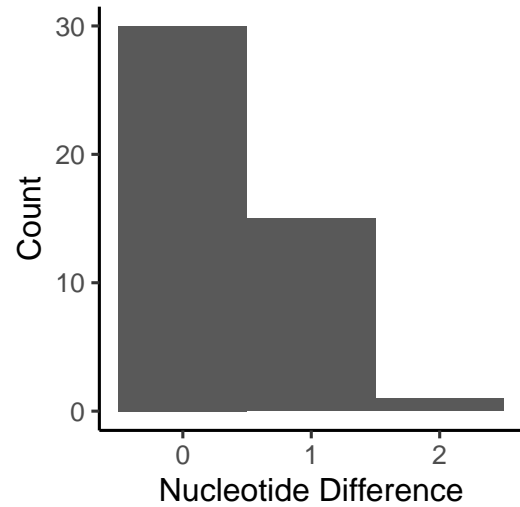
### IGLV5-52\*01

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



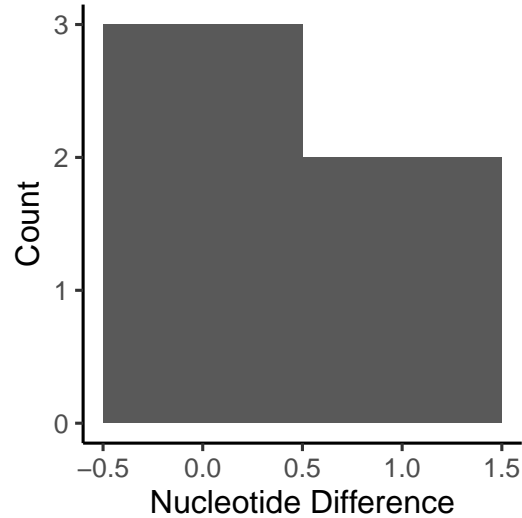
### IGLV7-43\*01

46 sequences assigned  
30 (65.2%) exact matches, in which:  
28 unique CDR3  
2 unique J



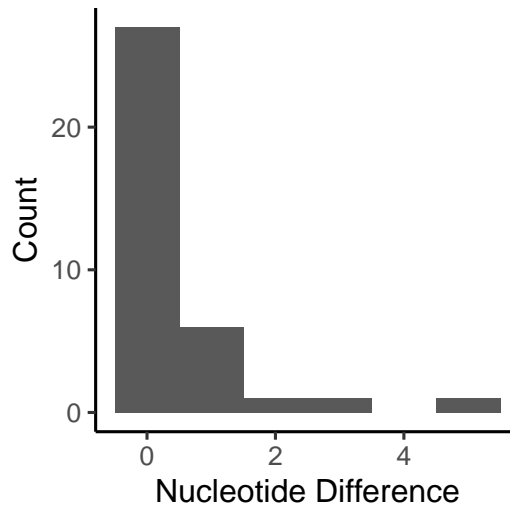
### IGLV5-45\*02

5 sequences assigned  
3 (60%) exact matches, in which:  
2 unique CDR3  
1 unique J



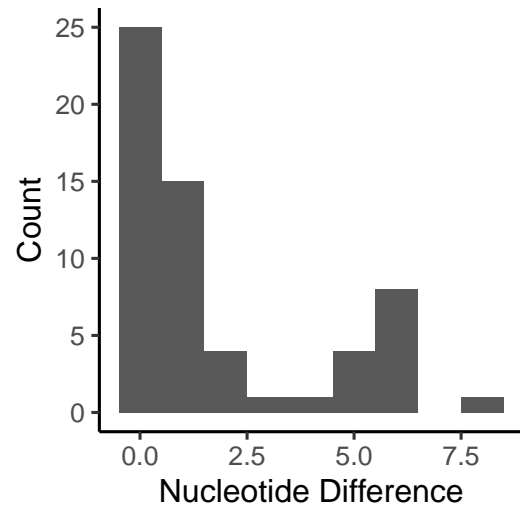
### IGLV6-57\*01

36 sequences assigned  
27 (75%) exact matches, in which:  
26 unique CDR3  
4 unique J



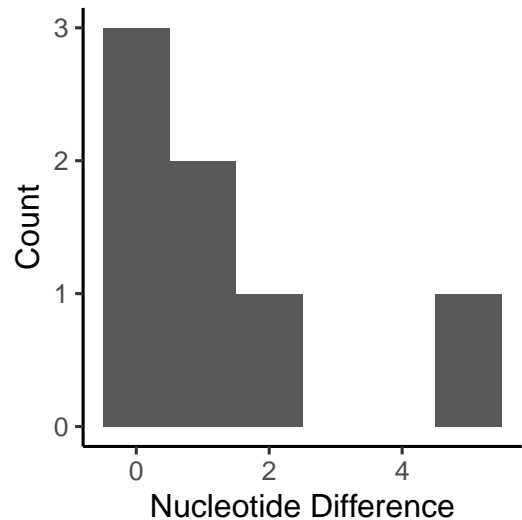
### IGLV7-46\*01

59 sequences assigned  
25 (42.4%) exact matches, in which:  
22 unique CDR3  
2 unique J



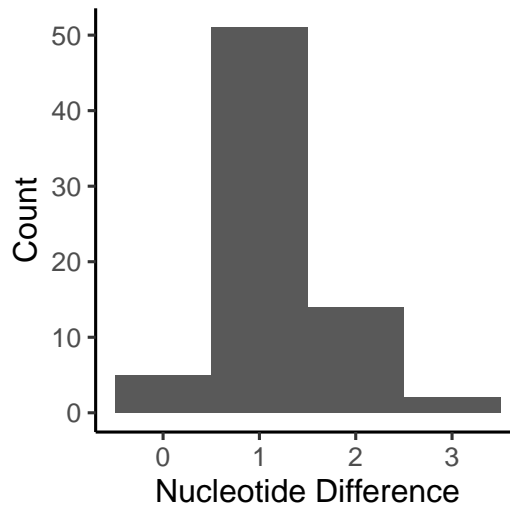
### IGLV5-45\*03

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



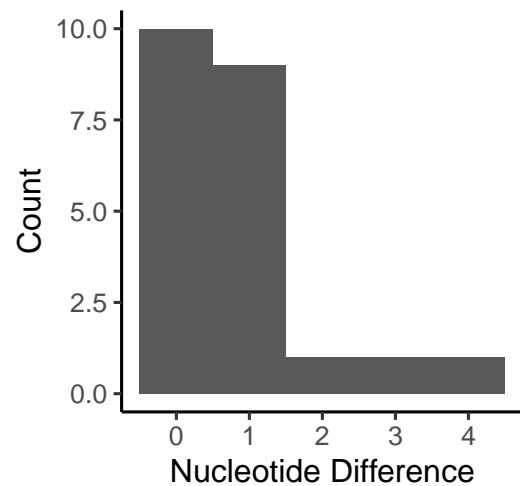
### IGLV6-57\*03

72 sequences assigned  
5 (6.9%) exact matches, in which:  
4 unique CDR3  
1 unique J



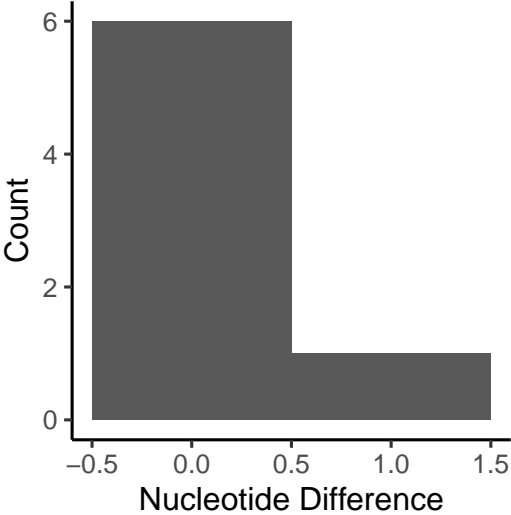
### IGLV8-61\*01

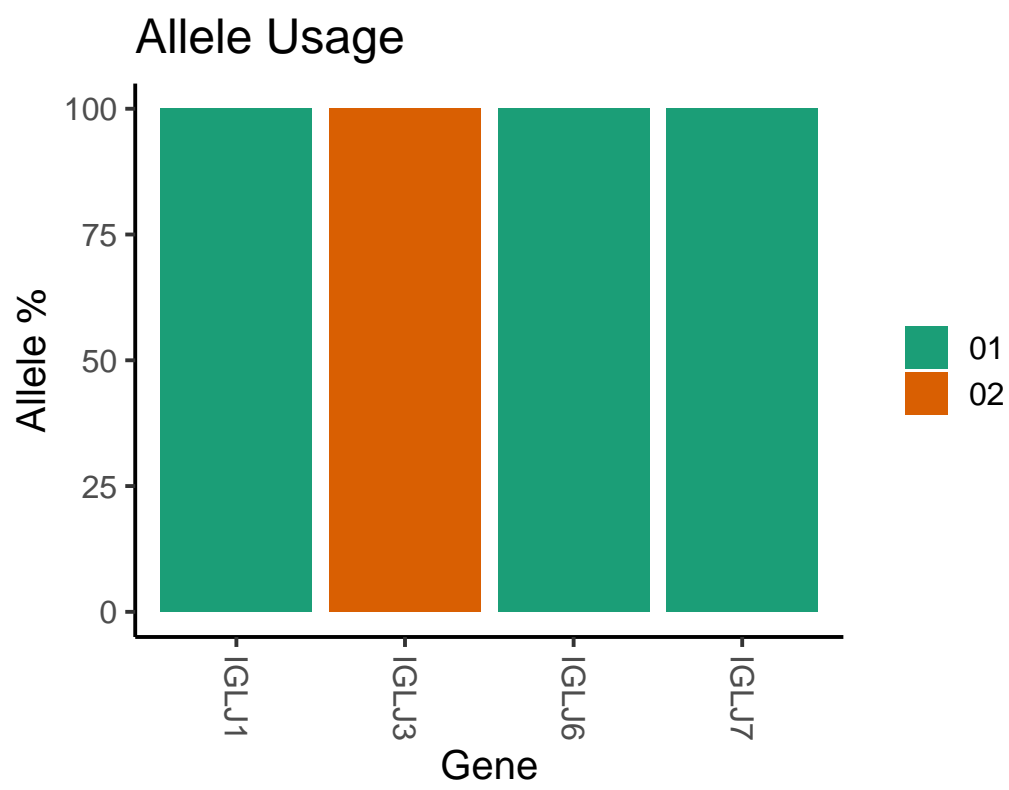
22 sequences assigned  
10 (45.5%) exact matches, in which:  
10 unique CDR3  
3 unique J



IGLV9-49\*01

7 sequences assigned  
6 (85.7%) exact matches, in which:  
6 unique CDR3  
2 unique J





Warning – no inferred sequences found.