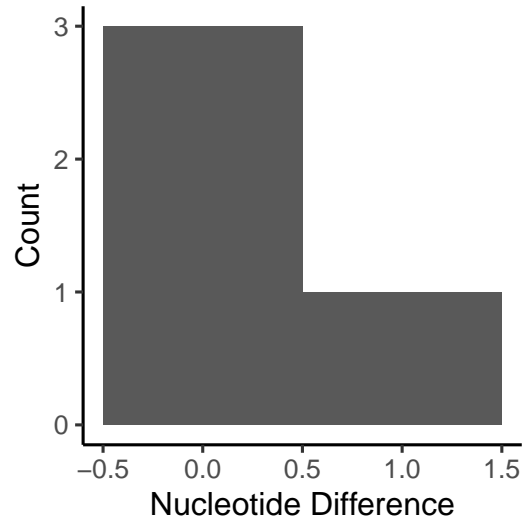


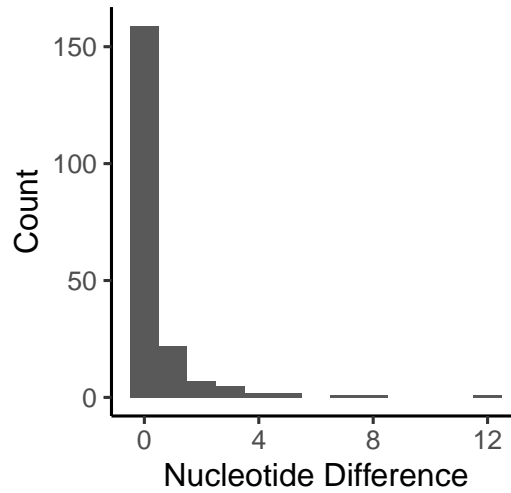
### IGLV10–54\*02

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



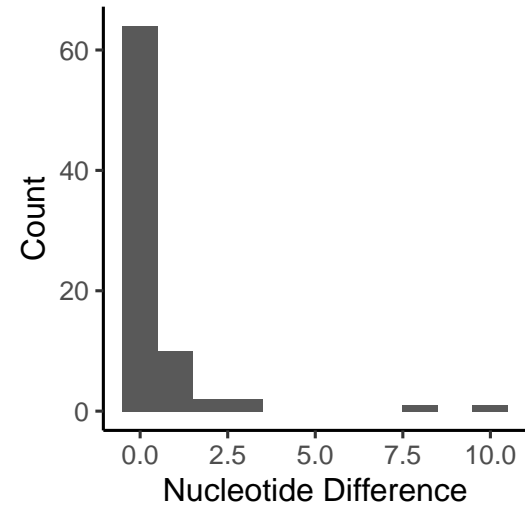
### IGLV1–44\*01

200 sequences assigned  
159 (79.5%) exact matches, in which:  
99 unique CDR3  
3 unique J



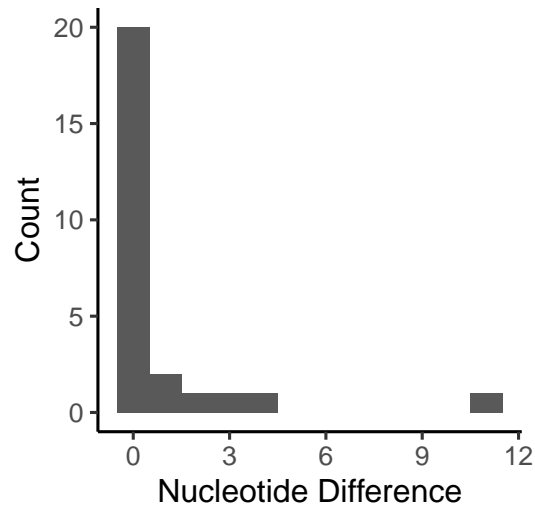
### IGLV2–8\*01

80 sequences assigned  
64 (80%) exact matches, in which:  
49 unique CDR3  
2 unique J



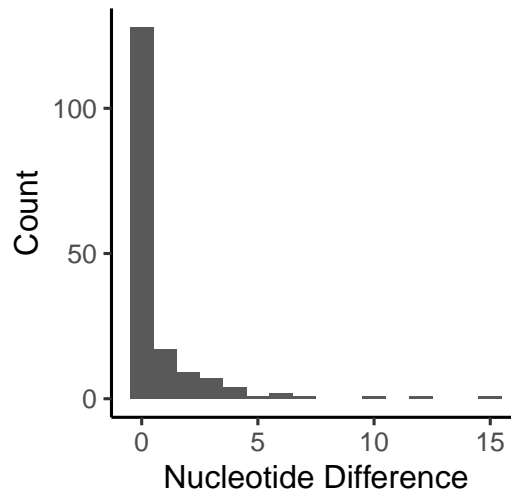
### IGLV1–36\*01

26 sequences assigned  
20 (76.9%) exact matches, in which:  
14 unique CDR3  
3 unique J



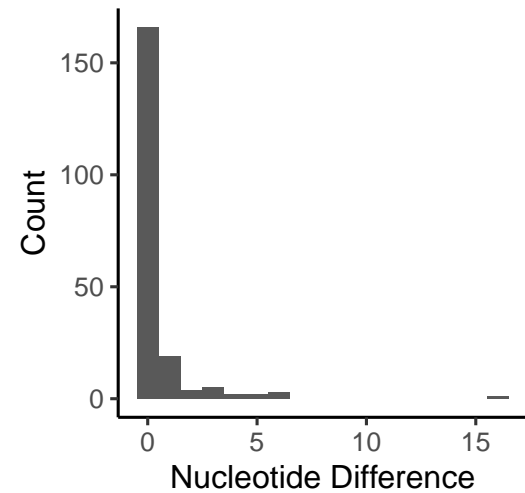
### IGLV1–47\*01

172 sequences assigned  
128 (74.4%) exact matches, in which:  
96 unique CDR3  
3 unique J



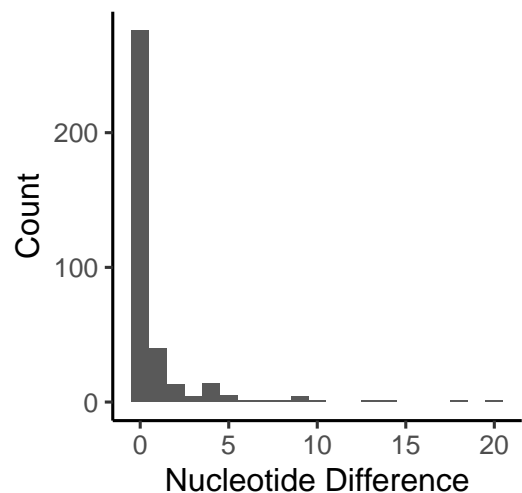
### IGLV2–11\*01

202 sequences assigned  
166 (82.2%) exact matches, in which:  
124 unique CDR3  
2 unique J



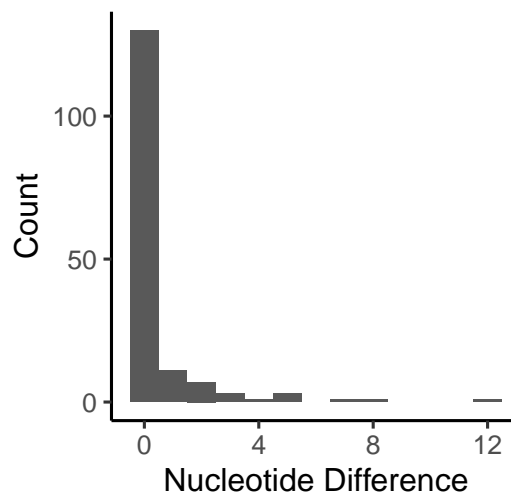
### IGLV1–40\*01

364 sequences assigned  
276 (75.8%) exact matches, in which:  
188 unique CDR3  
3 unique J



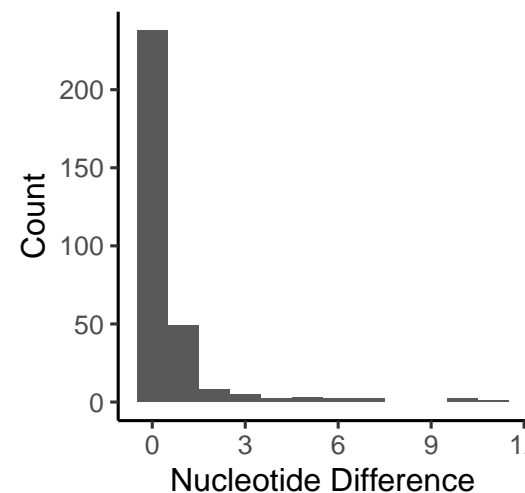
### IGLV1–51\*01

158 sequences assigned  
130 (82.3%) exact matches, in which:  
78 unique CDR3  
3 unique J



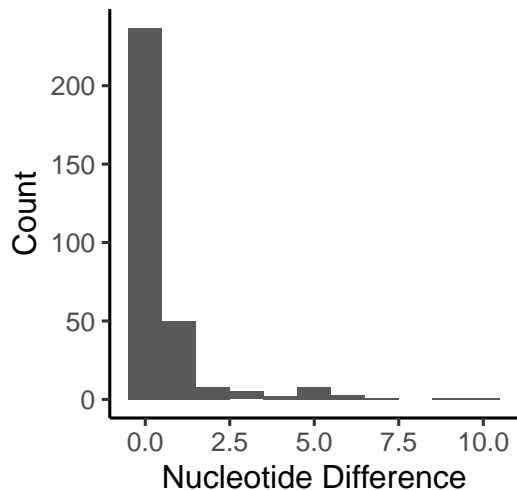
### IGLV2–14\*01

312 sequences assigned  
238 (76.3%) exact matches, in which:  
189 unique CDR3  
4 unique J



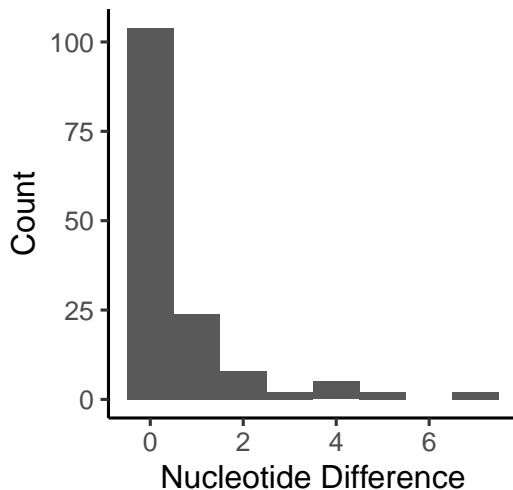
### IGLV2-14\*03EXT3

317 sequences assigned  
237 (74.8%) exact matches, in which:  
188 unique CDR3  
2 unique J



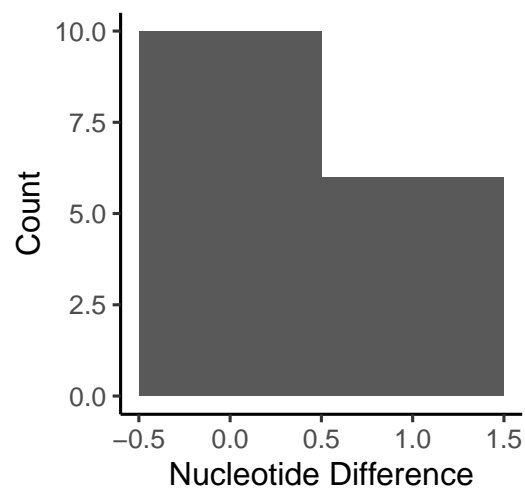
### IGLV2-23\*03EXT5

147 sequences assigned  
104 (70.7%) exact matches, in which:  
86 unique CDR3  
2 unique J



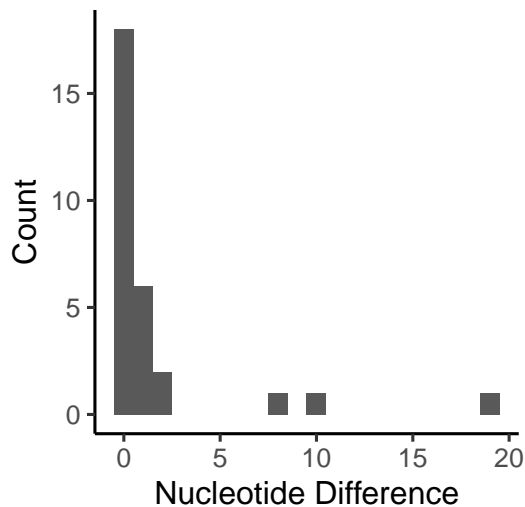
### IGLV3-10\*01

16 sequences assigned  
10 (62.5%) exact matches, in which:  
9 unique CDR3  
1 unique J



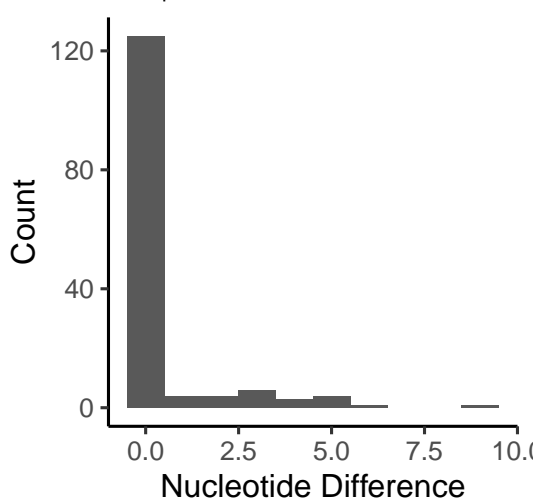
### IGLV2-18\*02

29 sequences assigned  
18 (62.1%) exact matches, in which:  
8 unique CDR3  
2 unique J



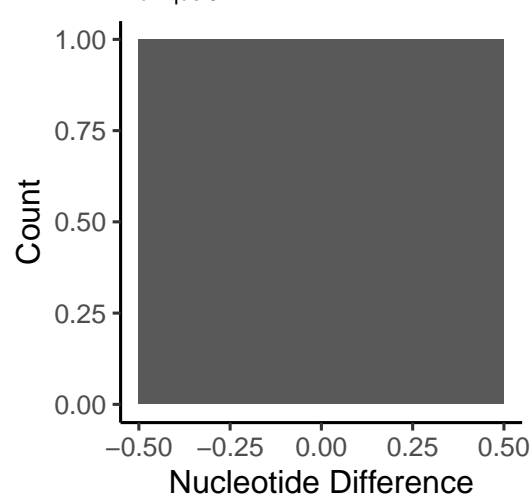
### IGLV3-1\*01

148 sequences assigned  
125 (84.5%) exact matches, in which:  
93 unique CDR3  
3 unique J



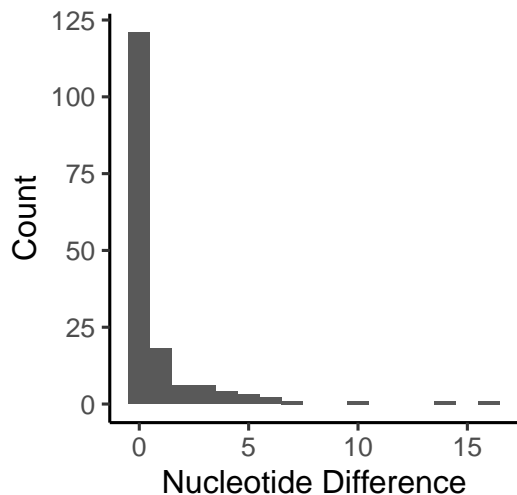
### IGLV3-12\*01

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



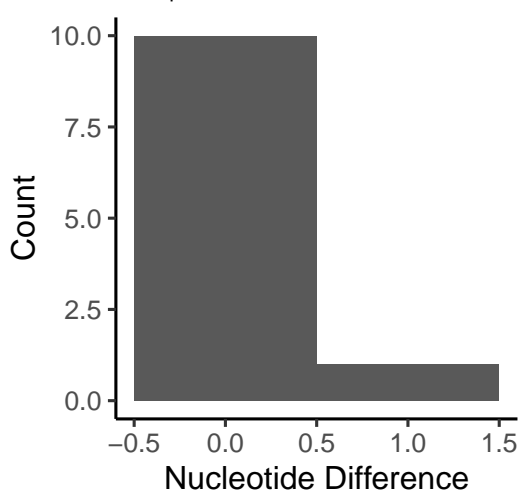
### IGLV2-23\*02EXT5

165 sequences assigned  
121 (73.3%) exact matches, in which:  
104 unique CDR3  
2 unique J



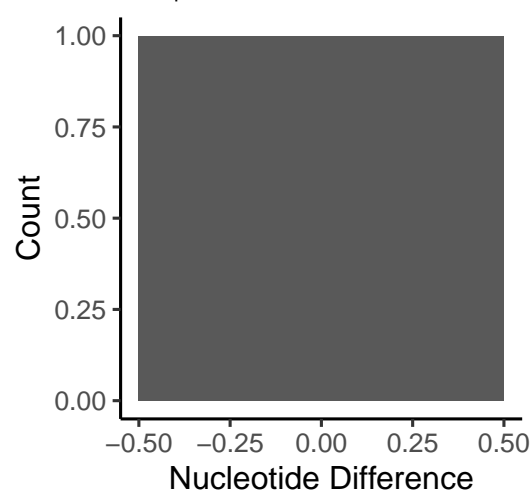
### IGLV3-9\*01EXT5

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



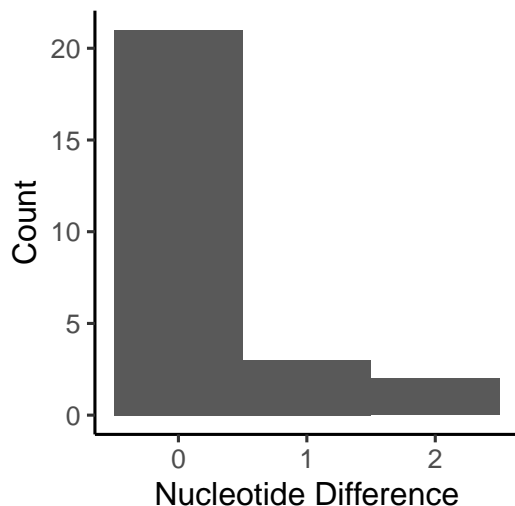
### IGLV3-12\*02

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



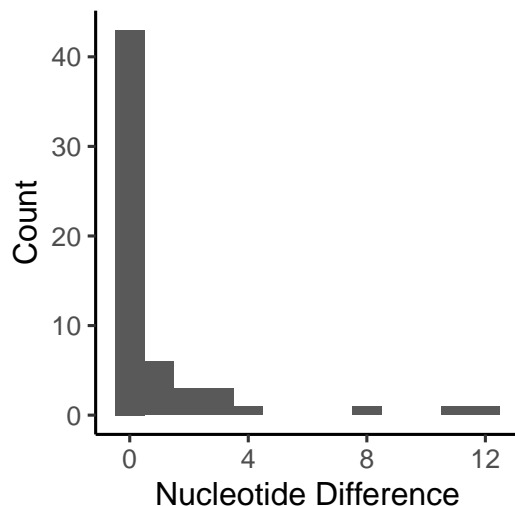
### IGLV3-16\*01

26 sequences assigned  
21 (80.8%) exact matches, in which:  
19 unique CDR3  
3 unique J



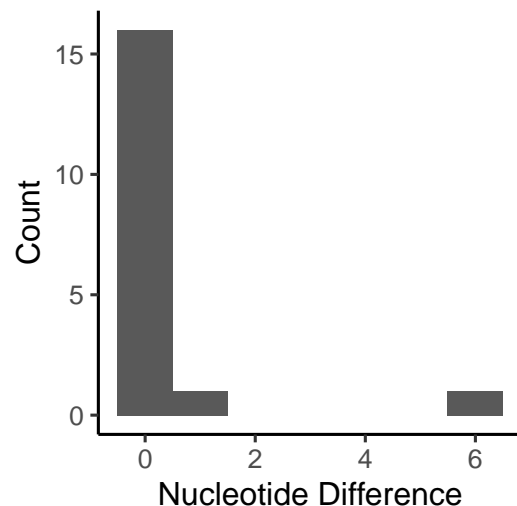
### IGLV3-21\*04

60 sequences assigned  
43 (71.7%) exact matches, in which:  
39 unique CDR3  
3 unique J



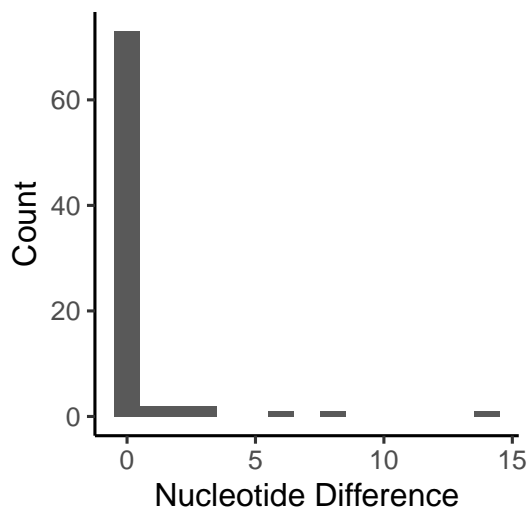
### IGLV3-27\*01

18 sequences assigned  
16 (88.9%) exact matches, in which:  
16 unique CDR3  
2 unique J



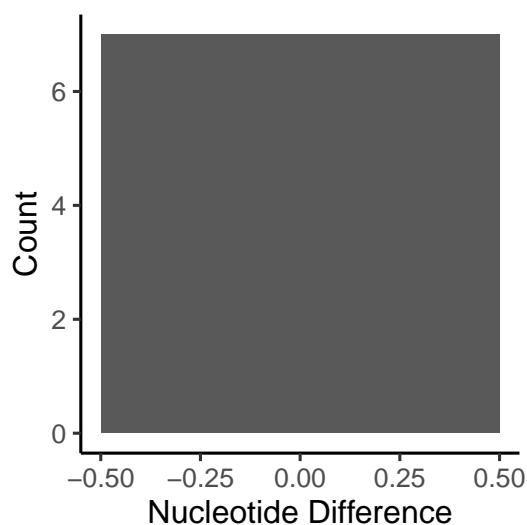
### IGLV3-19\*01

82 sequences assigned  
73 (89%) exact matches, in which:  
55 unique CDR3  
3 unique J



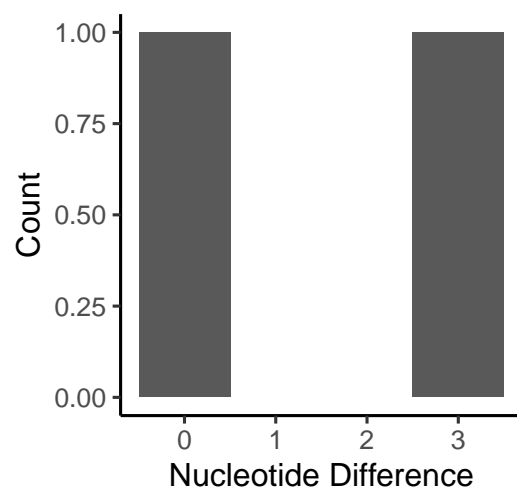
### IGLV3-22\*01

7 sequences assigned  
7 (100%) exact matches, in which:  
7 unique CDR3  
3 unique J



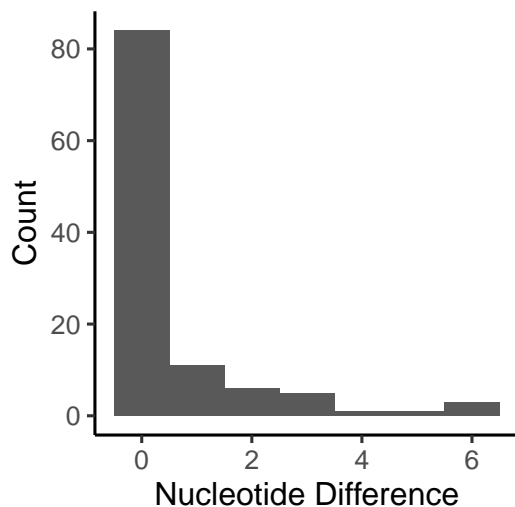
### IGLV4-3\*01

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



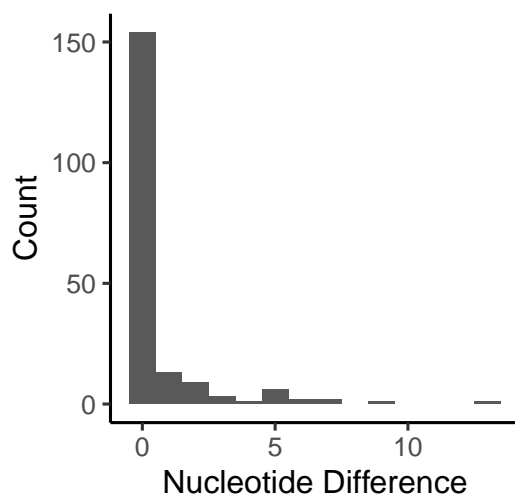
### IGLV3-21\*02

111 sequences assigned  
84 (75.7%) exact matches, in which:  
69 unique CDR3  
3 unique J



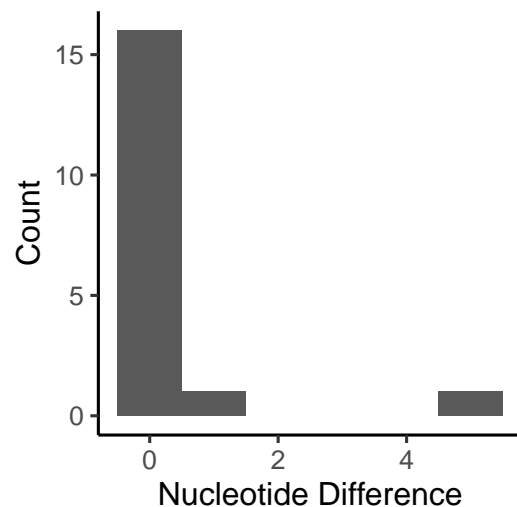
### IGLV3-25\*03

192 sequences assigned  
154 (80.2%) exact matches, in which:  
108 unique CDR3  
4 unique J



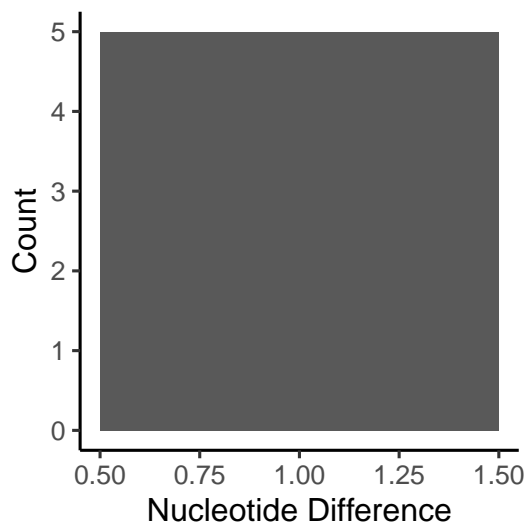
### IGLV4-60\*02

18 sequences assigned  
16 (88.9%) exact matches, in which:  
12 unique CDR3  
2 unique J



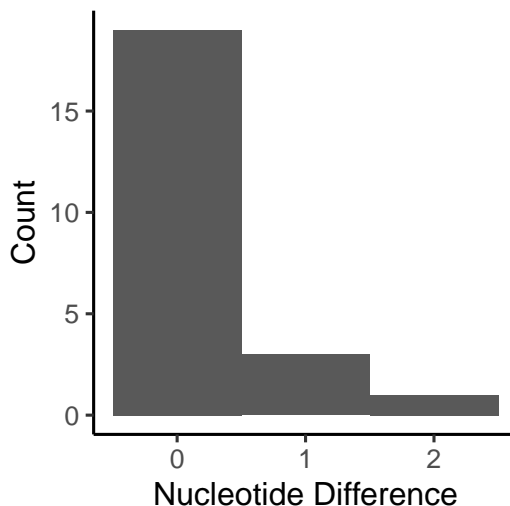
### IGLV4-60\*03EXT5

5 sequences assigned  
No exact matches.



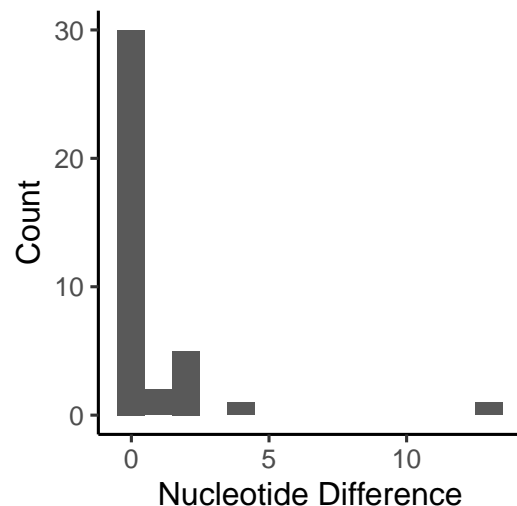
### IGLV5-45\*02

23 sequences assigned  
19 (82.6%) exact matches, in which:  
9 unique CDR3  
1 unique J



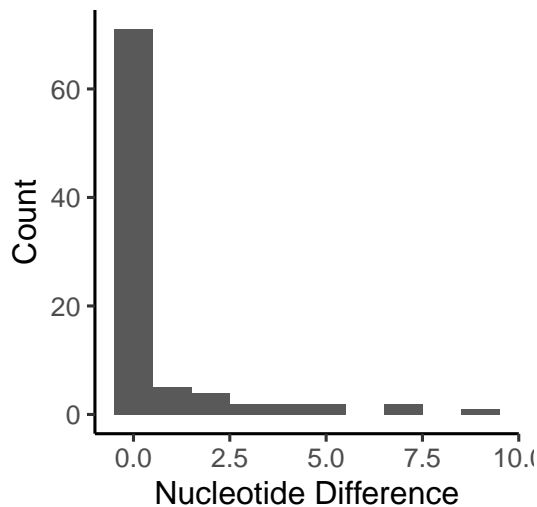
### IGLV6-57\*03

39 sequences assigned  
30 (76.9%) exact matches, in which:  
28 unique CDR3  
3 unique J



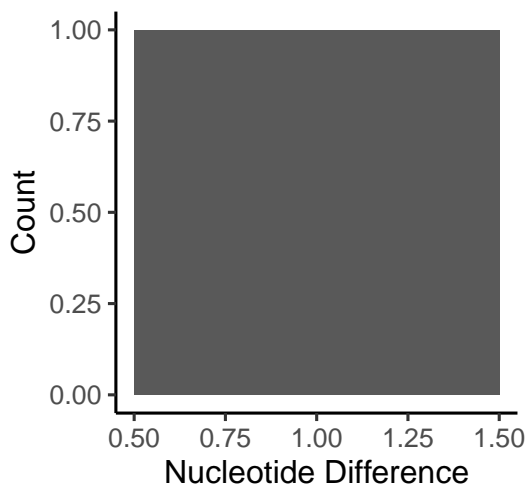
### IGLV4-69\*01

90 sequences assigned  
71 (78.9%) exact matches, in which:  
53 unique CDR3  
3 unique J



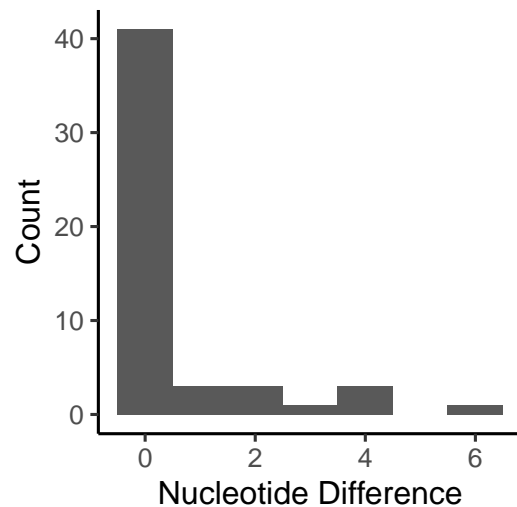
### IGLV5-52\*01

1 sequences assigned  
No exact matches.



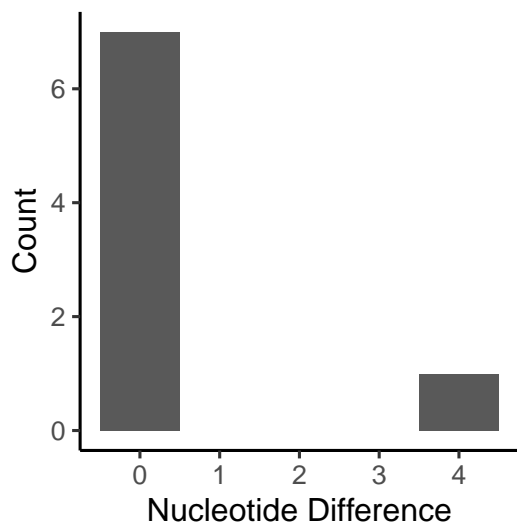
### IGLV7-43\*01

52 sequences assigned  
41 (78.8%) exact matches, in which:  
37 unique CDR3  
2 unique J



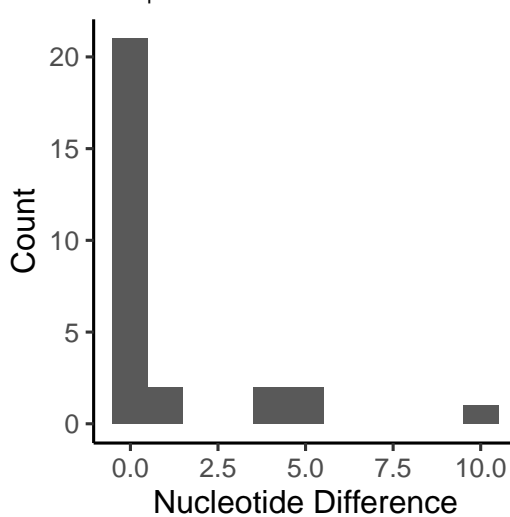
### IGLV5-37\*01

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



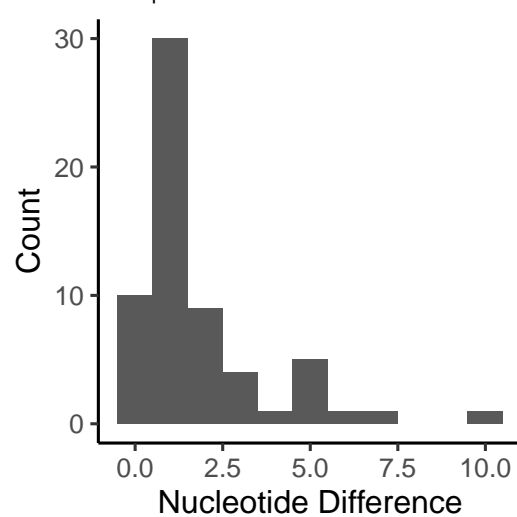
### IGLV6-57\*01

28 sequences assigned  
21 (75%) exact matches, in which:  
21 unique CDR3  
3 unique J



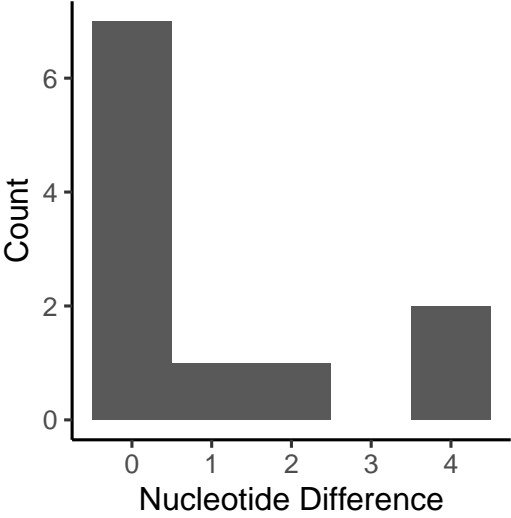
### IGLV7-46\*01

62 sequences assigned  
10 (16.1%) exact matches, in which:  
5 unique CDR3  
2 unique J



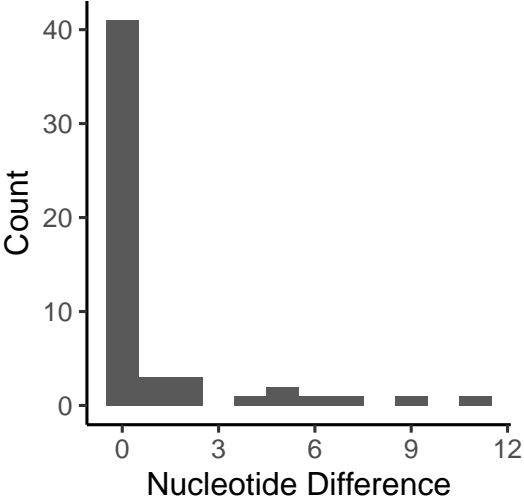
IGLV8-61\*01

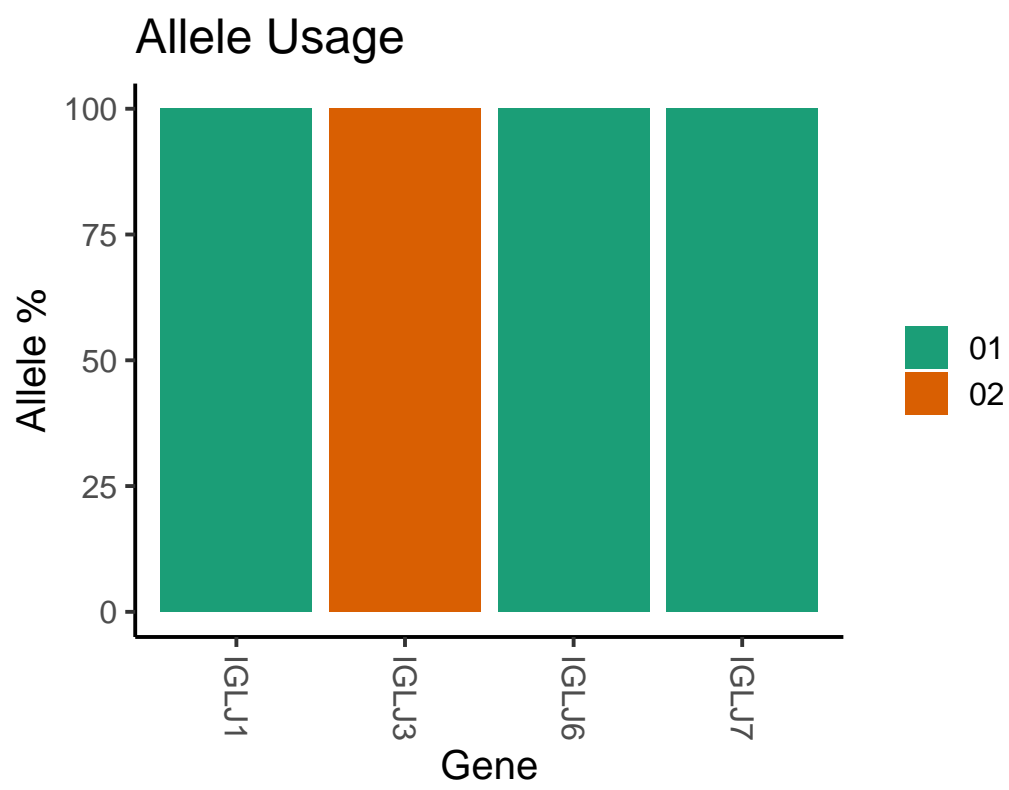
11 sequences assigned  
7 (63.6%) exact matches, in which:  
6 unique CDR3  
2 unique J



IGLV9-49\*01

54 sequences assigned  
41 (75.9%) exact matches, in which:  
35 unique CDR3  
2 unique J





Warning – no inferred sequences found.