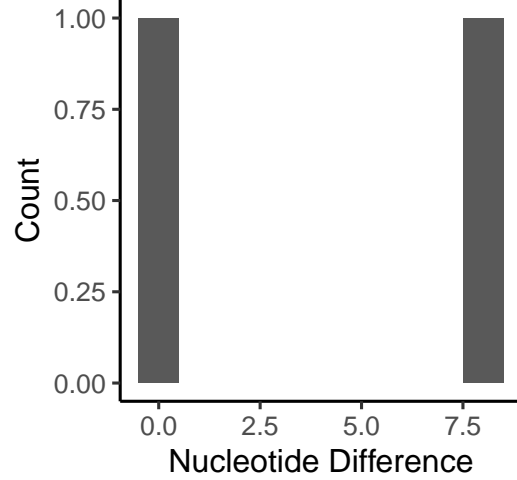


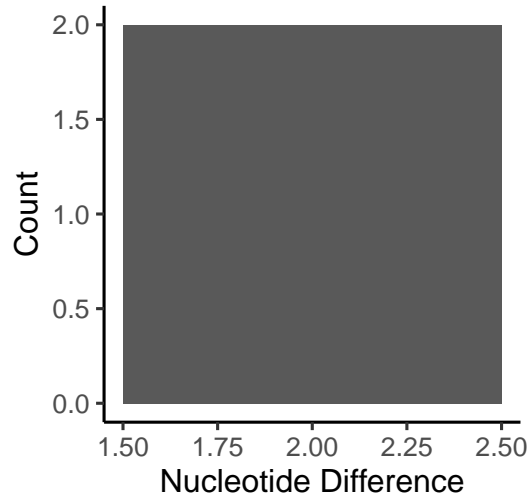
### IGLV10-54\*02

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



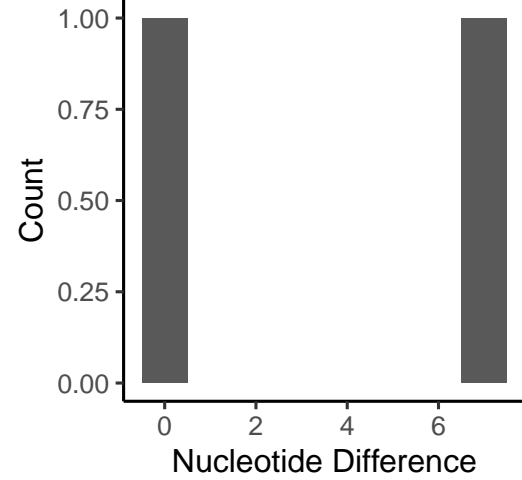
### IGLV1-41\*01

2 sequences assigned  
No exact matches.



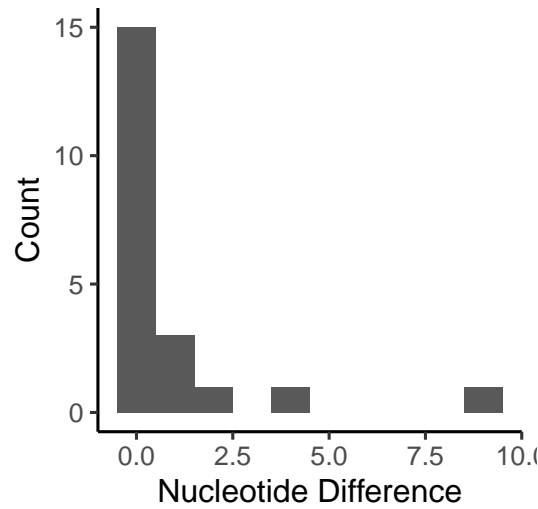
### IGLV1-50\*01

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



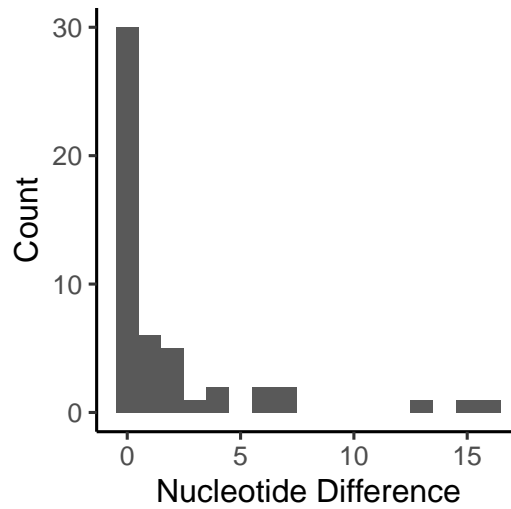
### IGLV1-36\*01

21 sequences assigned  
15 (71.4%) exact matches, in which:  
14 unique CDR3  
2 unique J



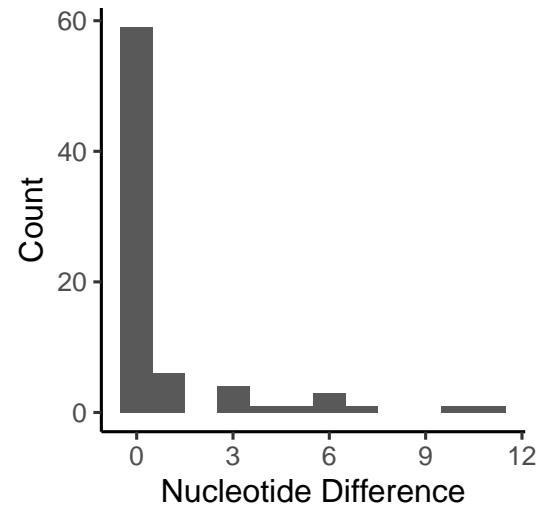
### IGLV1-44\*01

51 sequences assigned  
30 (58.8%) exact matches, in which:  
30 unique CDR3  
2 unique J



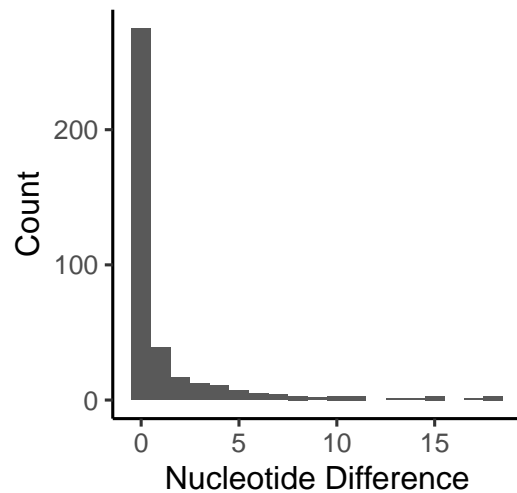
### IGLV1-51\*02

77 sequences assigned  
59 (76.6%) exact matches, in which:  
50 unique CDR3  
3 unique J



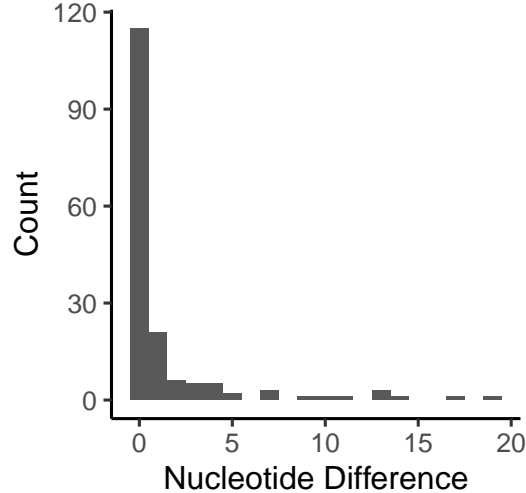
### IGLV1-40\*01

396 sequences assigned  
275 (69.4%) exact matches, in which:  
233 unique CDR3  
4 unique J



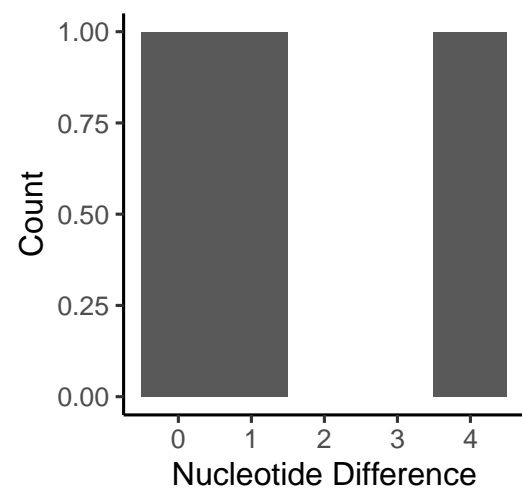
### IGLV1-47\*01

167 sequences assigned  
115 (68.9%) exact matches, in which:  
99 unique CDR3  
3 unique J



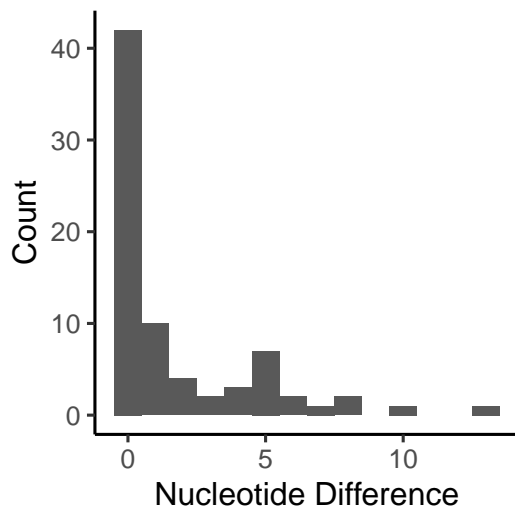
### IGLV2-5\*01

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



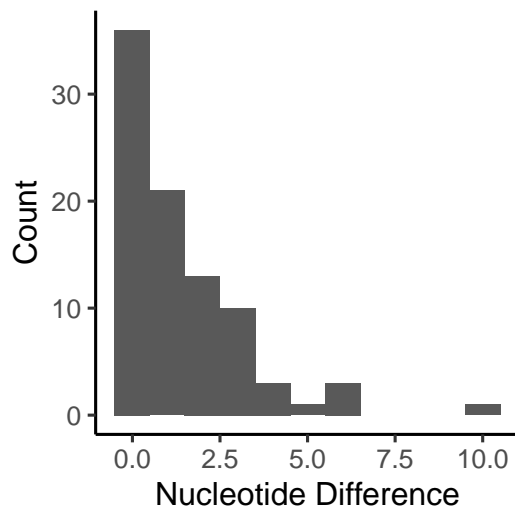
## IGLV2-8\*01

75 sequences assigned  
42 (56%) exact matches, in which:  
41 unique CDR3  
3 unique J



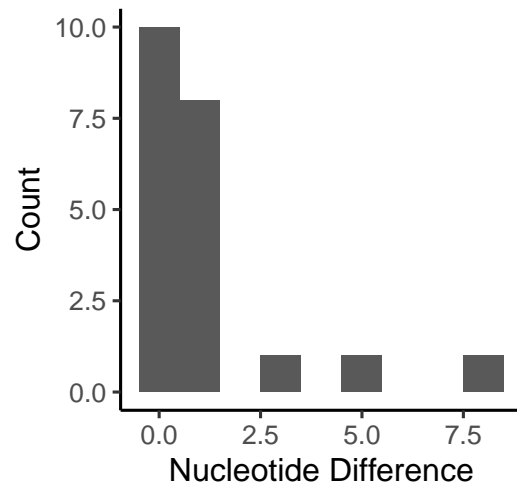
## IGLV2-14\*02

88 sequences assigned  
36 (40.9%) exact matches, in which:  
36 unique CDR3  
3 unique J



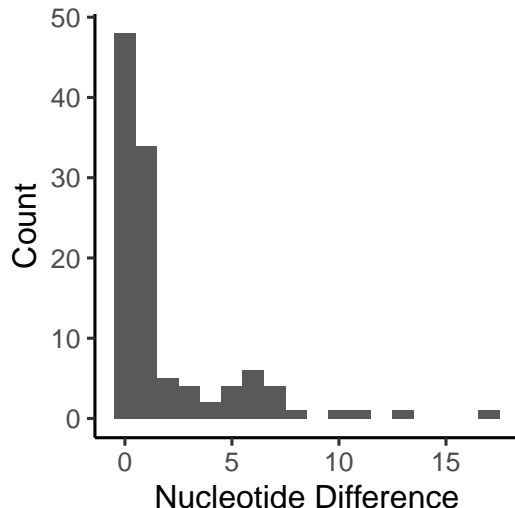
## IGLV2-18\*02

21 sequences assigned  
10 (47.6%) exact matches, in which:  
9 unique CDR3  
2 unique J



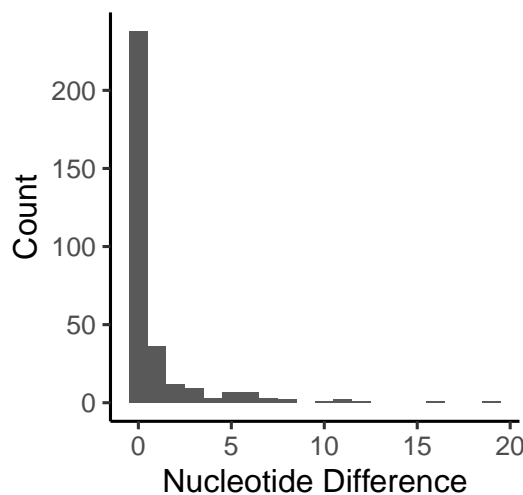
## IGLV2-11\*01

112 sequences assigned  
48 (42.9%) exact matches, in which:  
44 unique CDR3  
3 unique J



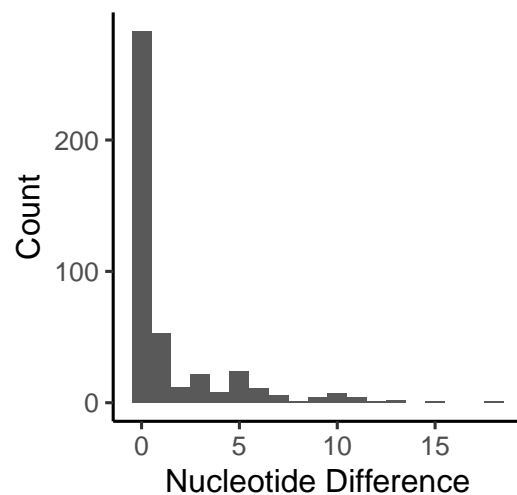
## IGLV2-14\*04EXT3

323 sequences assigned  
238 (73.7%) exact matches, in which:  
227 unique CDR3  
3 unique J



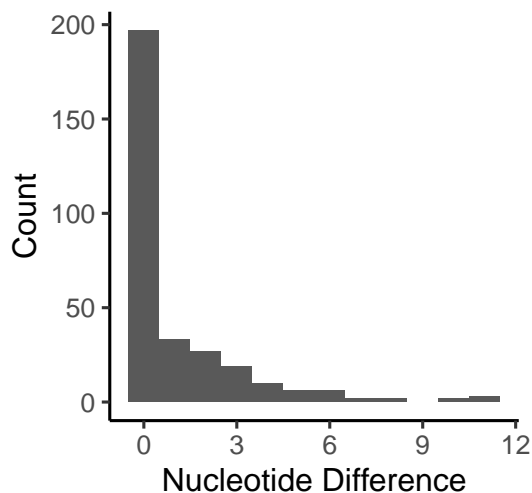
## IGLV2-23\*03EXT5

440 sequences assigned  
283 (64.3%) exact matches, in which:  
254 unique CDR3  
4 unique J



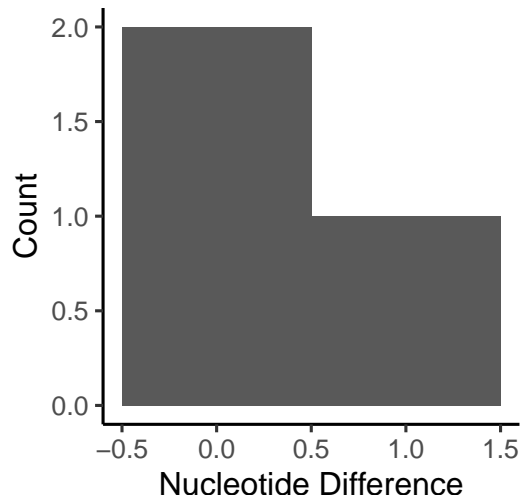
## IGLV2-14\*01

307 sequences assigned  
197 (64.2%) exact matches, in which:  
189 unique CDR3  
3 unique J



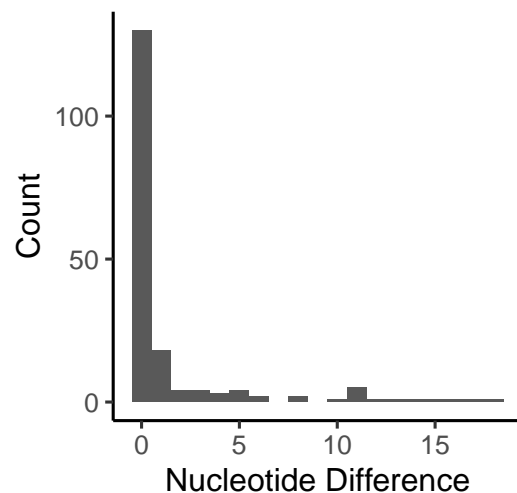
## IGLV2-18\*01

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



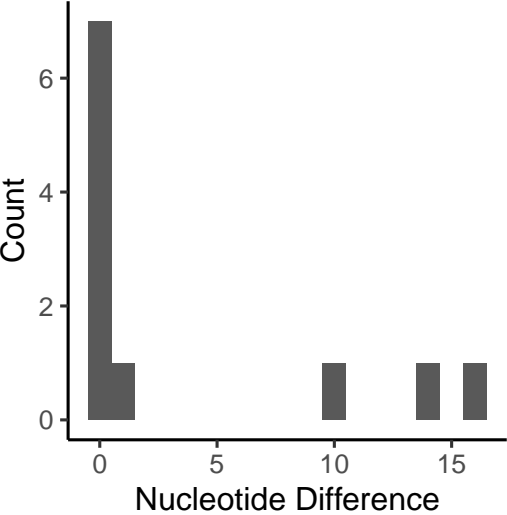
## IGLV3-1\*01

181 sequences assigned  
130 (71.8%) exact matches, in which:  
125 unique CDR3  
3 unique J



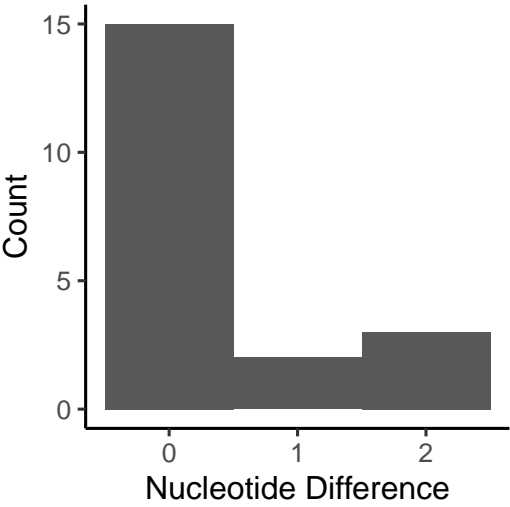
IGLV3-9\*01EXT5

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



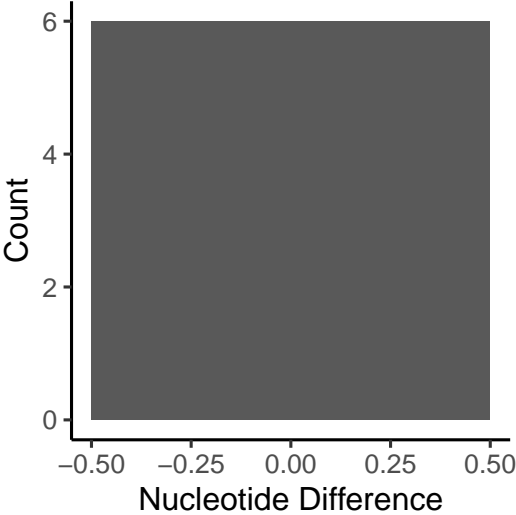
IGLV3-16\*01

20 sequences assigned  
15 (75%) exact matches, in which:  
15 unique CDR3  
4 unique J



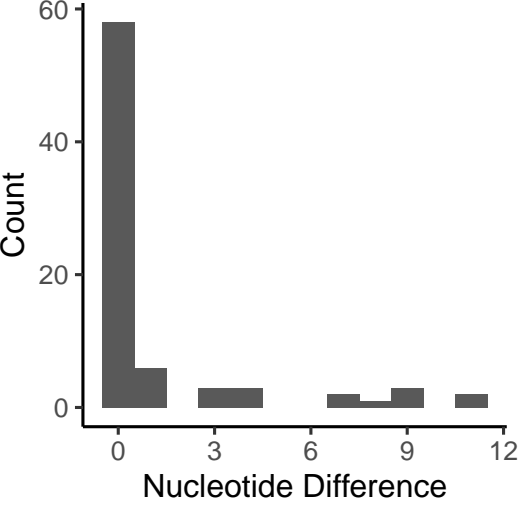
IGLV3-22\*01

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



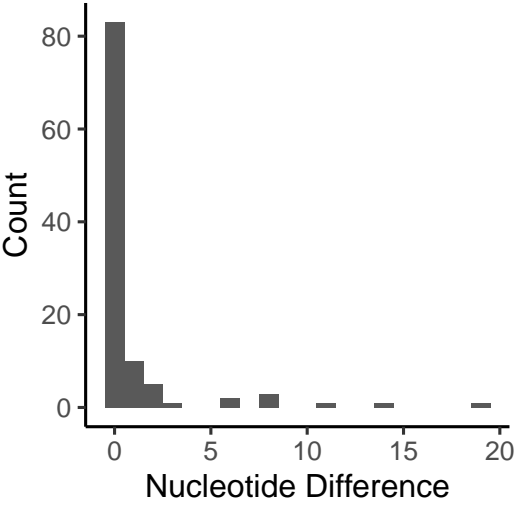
IGLV3-10\*01

79 sequences assigned  
58 (73.4%) exact matches, in which:  
53 unique CDR3  
2 unique J



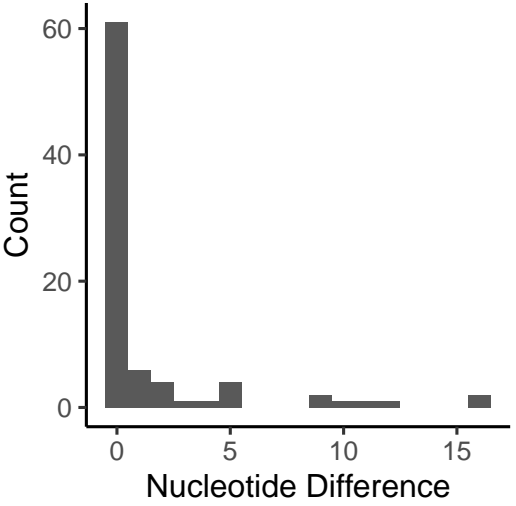
IGLV3-19\*01

108 sequences assigned  
83 (76.9%) exact matches, in which:  
78 unique CDR3  
2 unique J



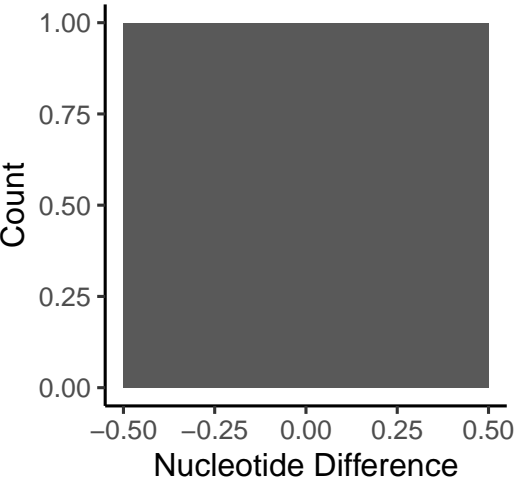
IGLV3-25\*02

84 sequences assigned  
61 (72.6%) exact matches, in which:  
52 unique CDR3  
3 unique J



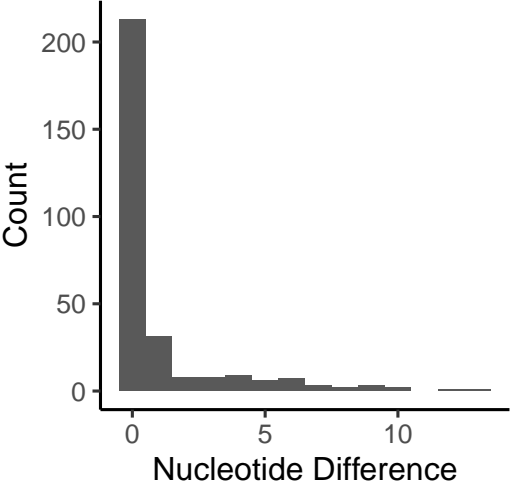
IGLV3-12\*02

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



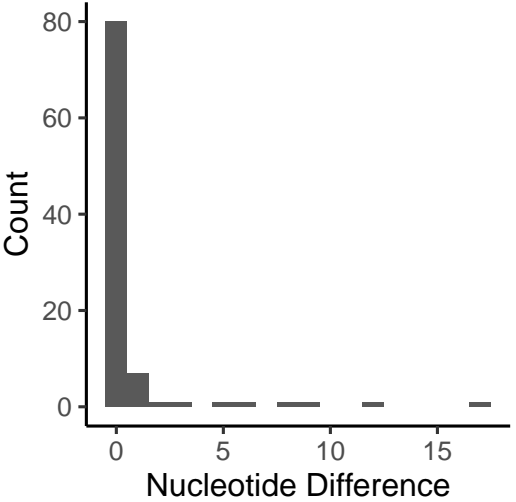
IGLV3-21\*02

296 sequences assigned  
213 (72%) exact matches, in which:  
178 unique CDR3  
4 unique J



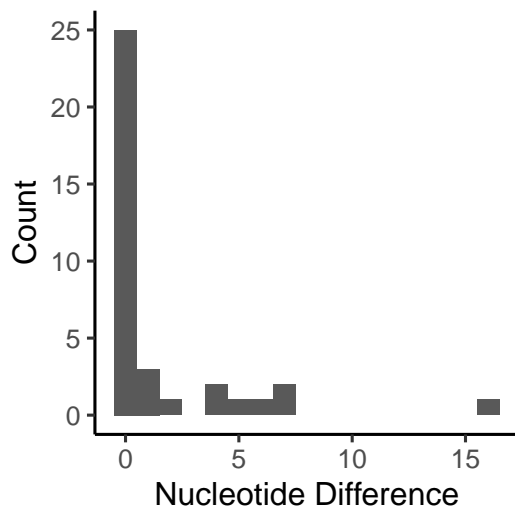
IGLV3-25\*03

95 sequences assigned  
80 (84.2%) exact matches, in which:  
71 unique CDR3  
4 unique J



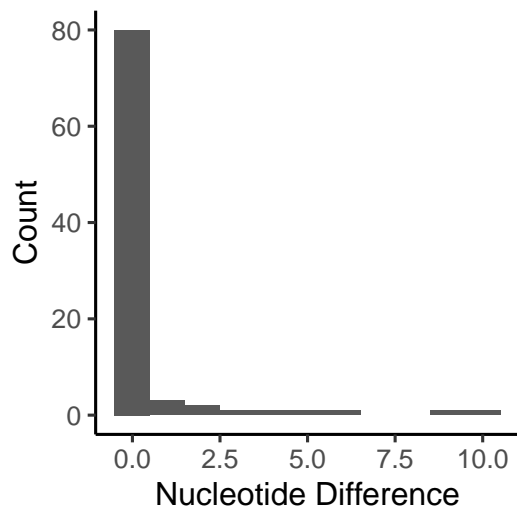
### IGLV3-27\*01

36 sequences assigned  
25 (69.4%) exact matches, in which:  
24 unique CDR3  
2 unique J



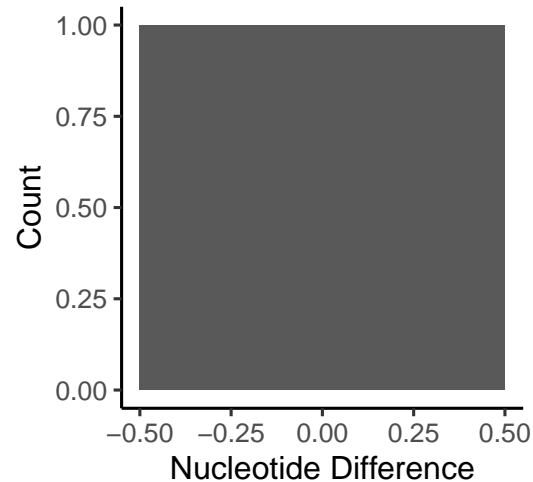
### IGLV4-69\*01

91 sequences assigned  
80 (87.9%) exact matches, in which:  
70 unique CDR3  
3 unique J



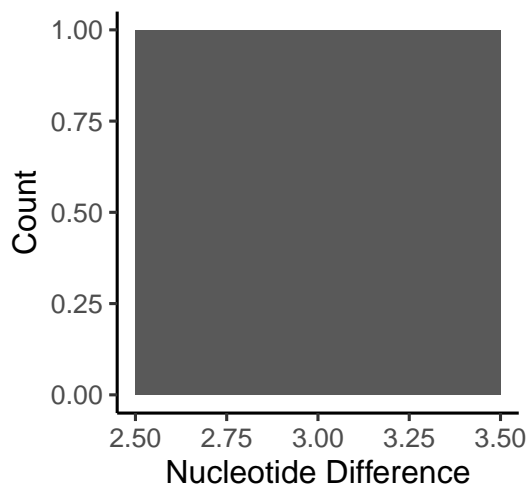
### IGLV5-48\*01

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



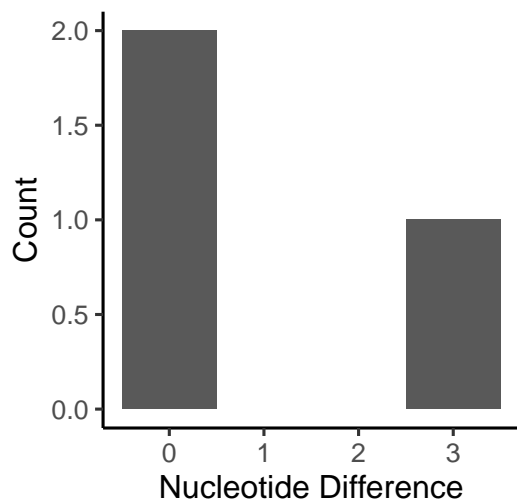
### IGLV4-3\*01

1 sequences assigned  
No exact matches.



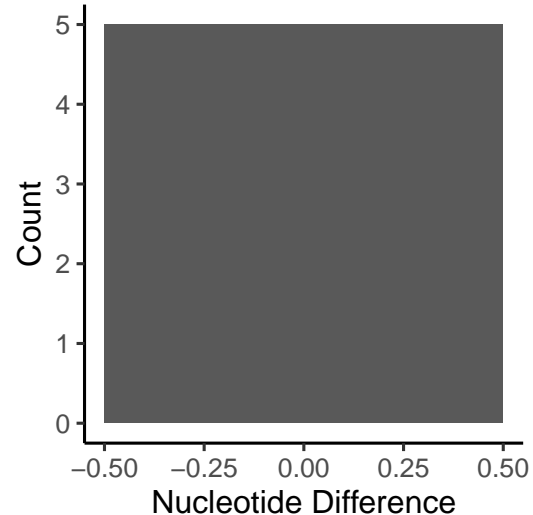
### IGLV5-39\*01

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



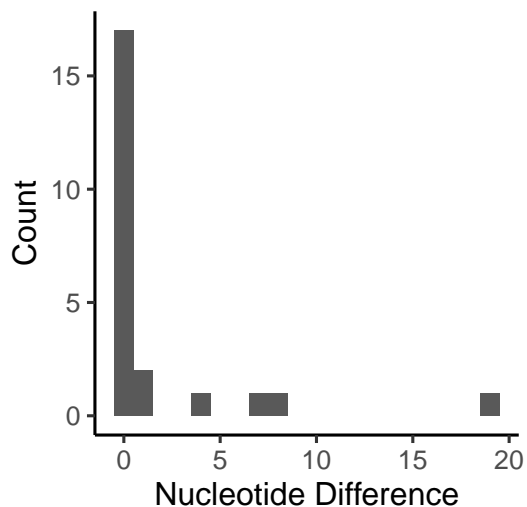
### IGLV5-52\*01

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



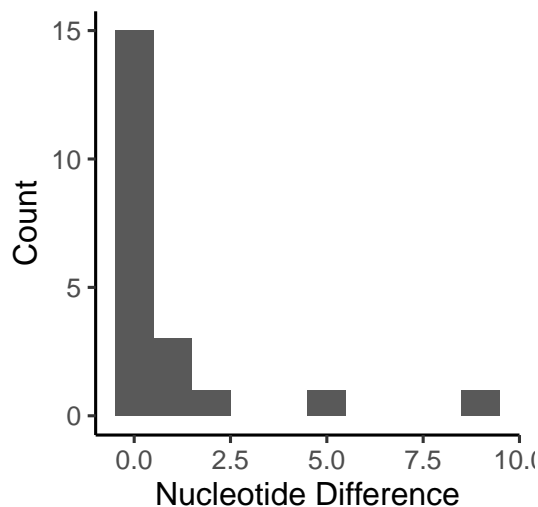
### IGLV4-60\*02

23 sequences assigned  
17 (73.9%) exact matches, in which:  
16 unique CDR3  
3 unique J



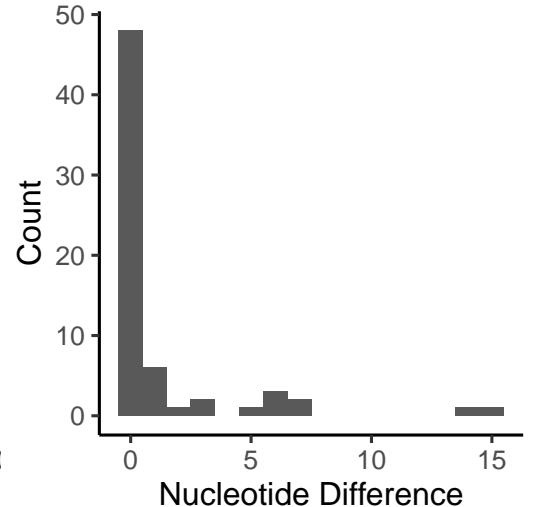
### IGLV5-45\*01

21 sequences assigned  
15 (71.4%) exact matches, in which:  
14 unique CDR3  
3 unique J



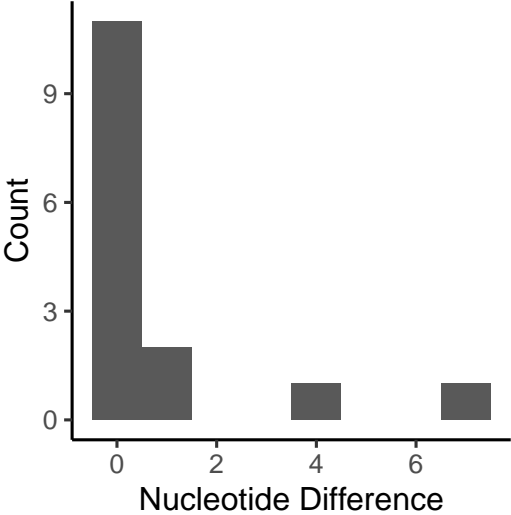
### IGLV6-57\*01

65 sequences assigned  
48 (73.8%) exact matches, in which:  
43 unique CDR3  
3 unique J



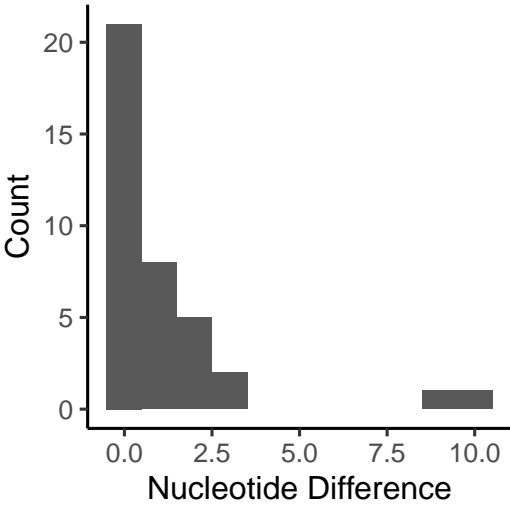
IGLV6-57\*02

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



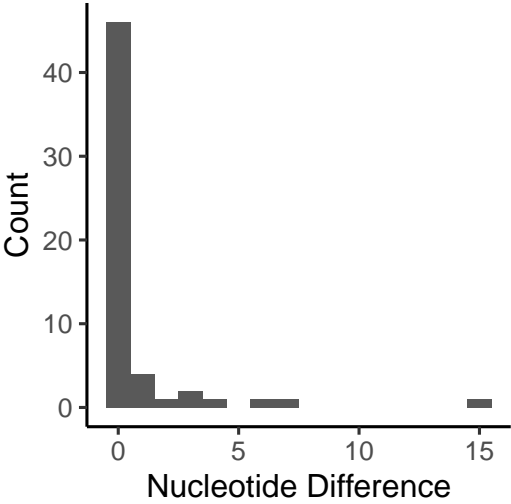
IGLV8-61\*01

38 sequences assigned  
21 (55.3%) exact matches, in which:  
20 unique CDR3  
2 unique J



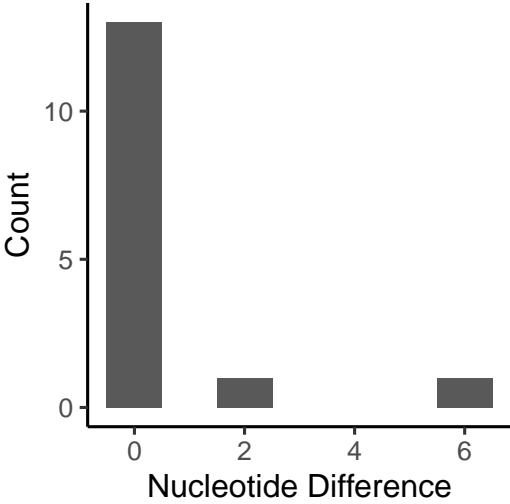
IGLV7-43\*01

57 sequences assigned  
46 (80.7%) exact matches, in which:  
44 unique CDR3  
3 unique J



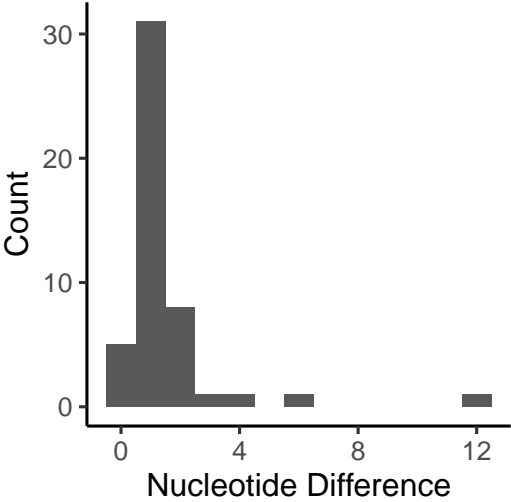
IGLV9-49\*01

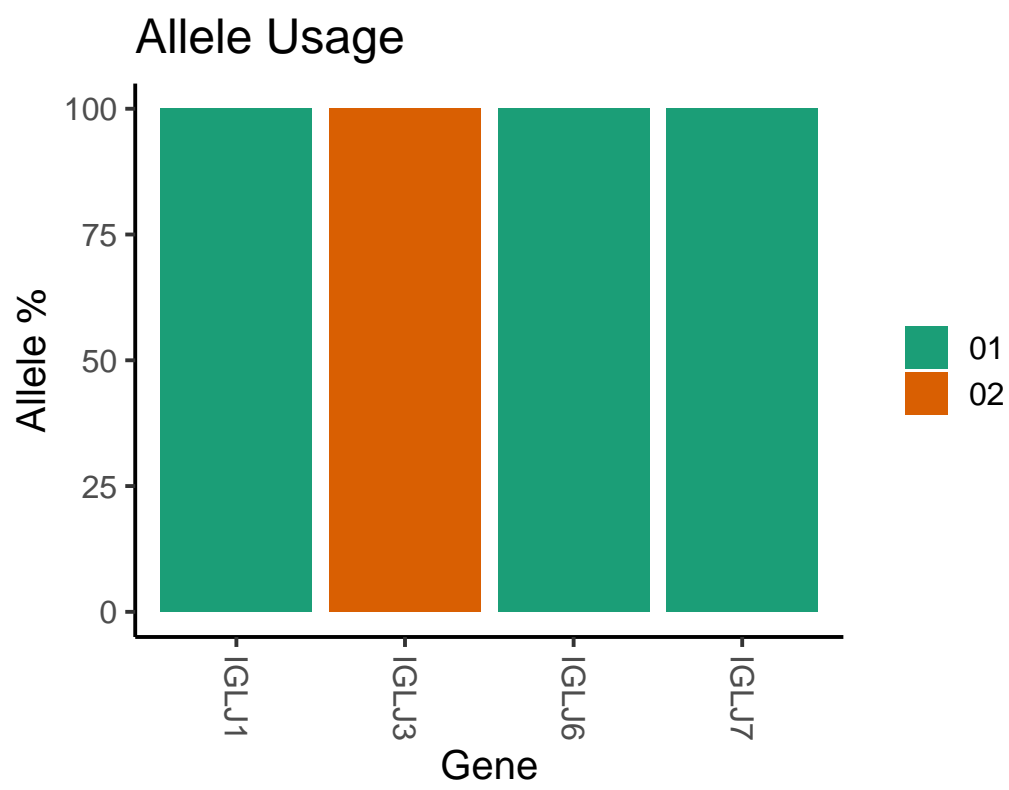
15 sequences assigned  
13 (86.7%) exact matches, in which:  
12 unique CDR3  
3 unique J



IGLV7-46\*01

48 sequences assigned  
5 (10.4%) exact matches, in which:  
5 unique CDR3  
1 unique J





Warning – no inferred sequences found.