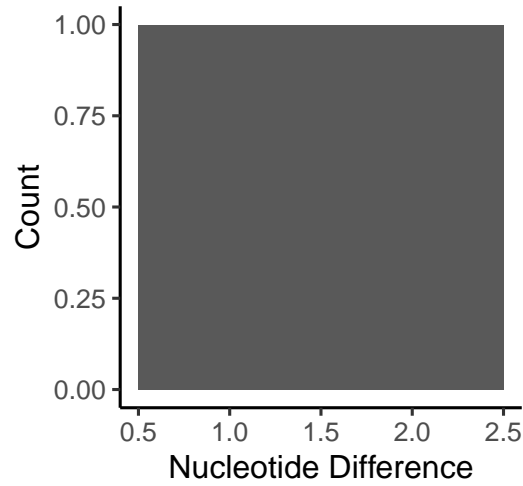


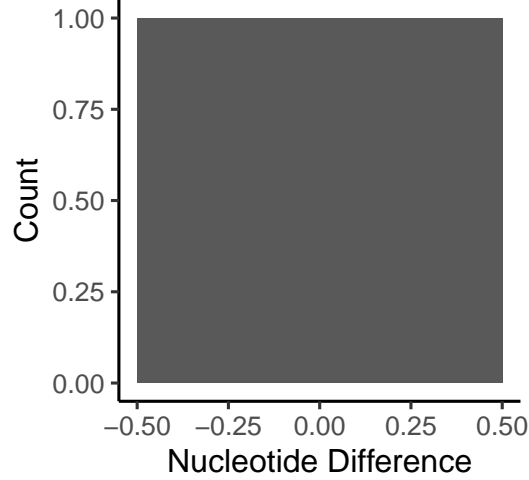
### IGLV10-54\*01

2 sequences assigned  
No exact matches.



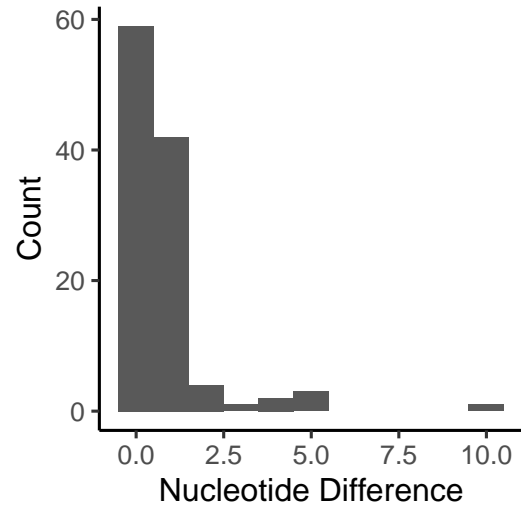
### IGLV1-41\*01

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



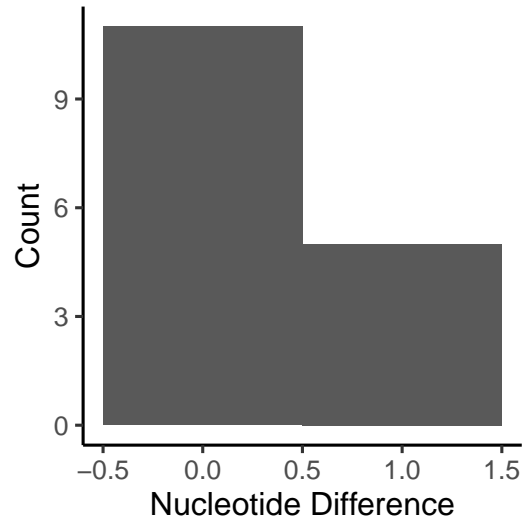
### IGLV1-47\*01

112 sequences assigned  
59 (52.7%) exact matches, in which:  
50 unique CDR3  
4 unique J



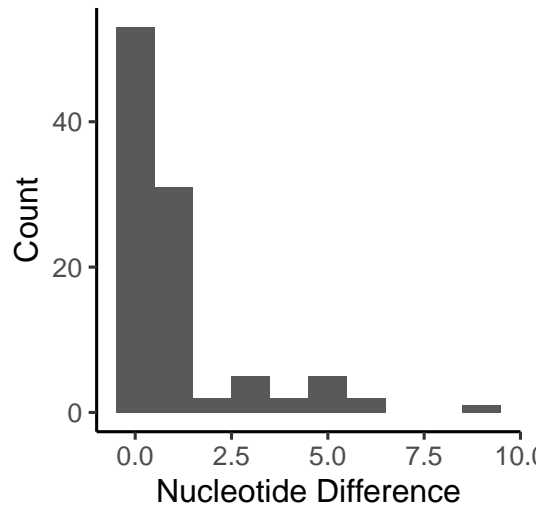
### IGLV1-36\*01

16 sequences assigned  
11 (68.8%) exact matches, in which:  
9 unique CDR3  
3 unique J



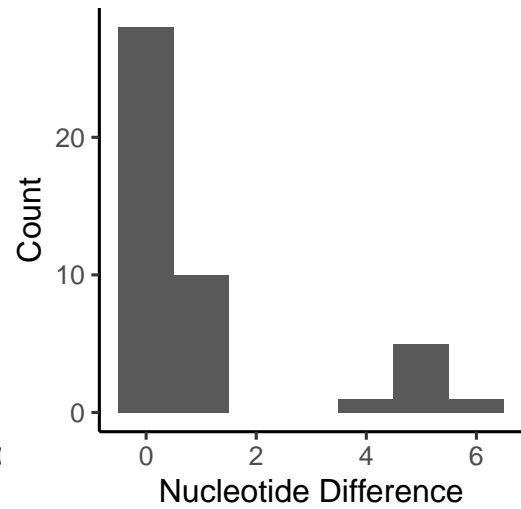
### IGLV1-44\*01

101 sequences assigned  
53 (52.5%) exact matches, in which:  
43 unique CDR3  
4 unique J



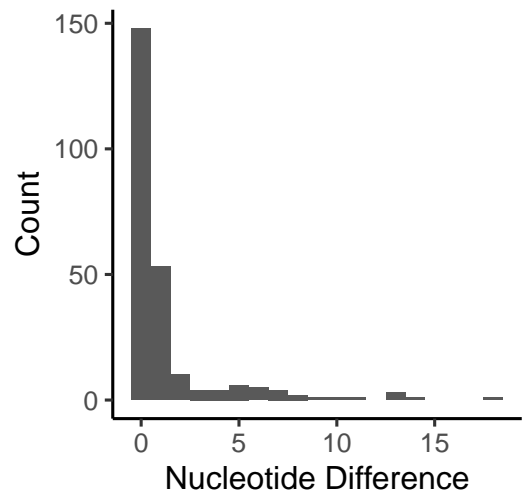
### IGLV1-51\*01

45 sequences assigned  
28 (62.2%) exact matches, in which:  
24 unique CDR3  
4 unique J



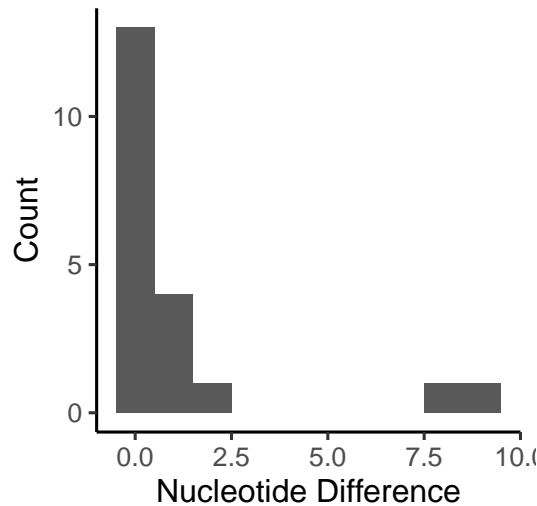
### IGLV1-40\*01

245 sequences assigned  
148 (60.4%) exact matches, in which:  
135 unique CDR3  
5 unique J



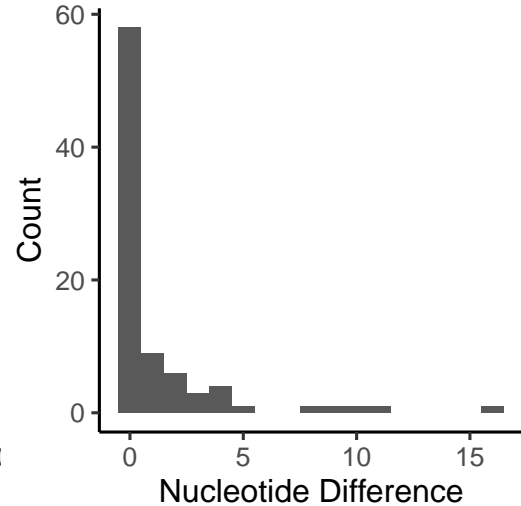
### IGLV1-44\*01\_A207C

20 sequences assigned  
13 (65%) exact matches, in which:  
13 unique CDR3  
3 unique J



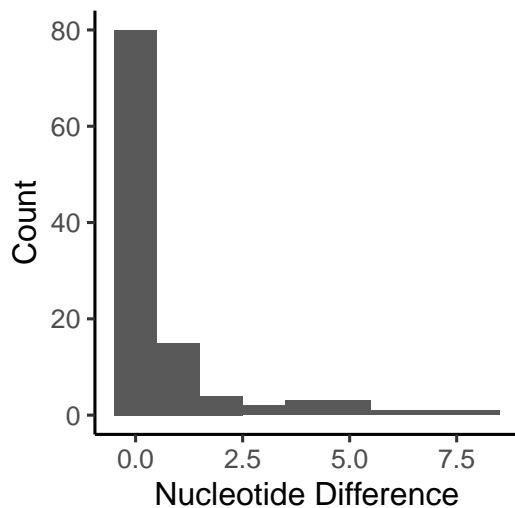
### IGLV2-8\*01

86 sequences assigned  
58 (67.4%) exact matches, in which:  
56 unique CDR3  
3 unique J



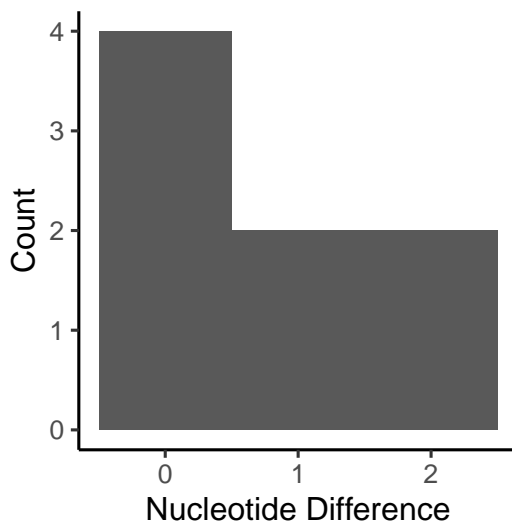
### IGLV2-11\*01

110 sequences assigned  
80 (72.7%) exact matches, in which:  
72 unique CDR3  
4 unique J



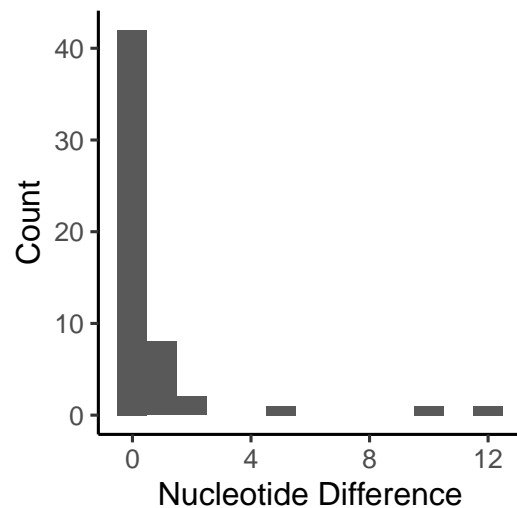
### IGLV2-18\*01

8 sequences assigned  
4 (50%) exact matches, in which:  
4 unique CDR3  
2 unique J



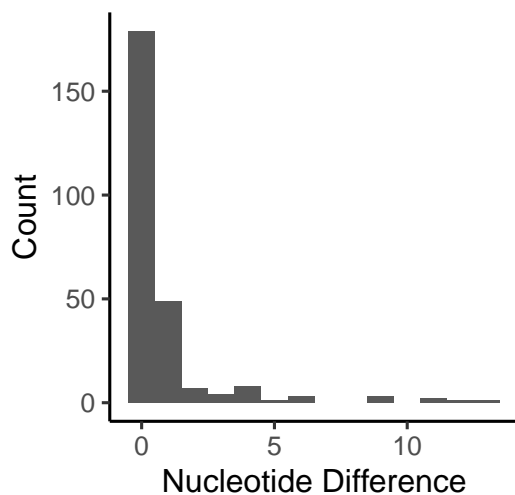
### IGLV2-23\*01\_G170T

55 sequences assigned  
42 (76.4%) exact matches, in which:  
41 unique CDR3  
4 unique J



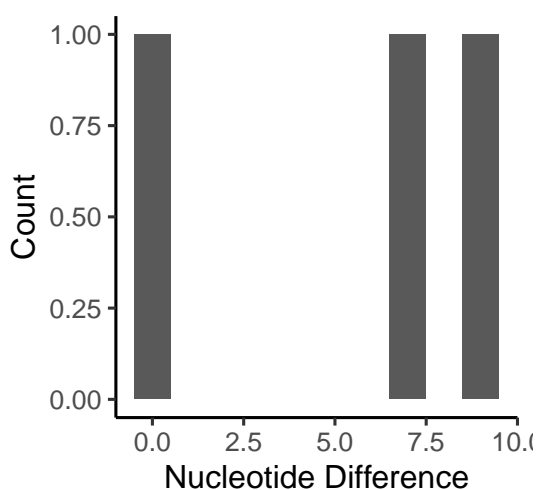
### IGLV2-14\*01\_T213C\_T2

259 sequences assigned  
179 (69.1%) exact matches, in which:  
160 unique CDR3  
4 unique J



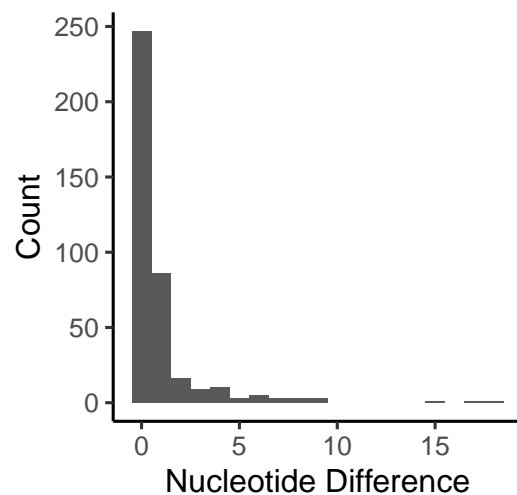
### IGLV2-18\*02

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



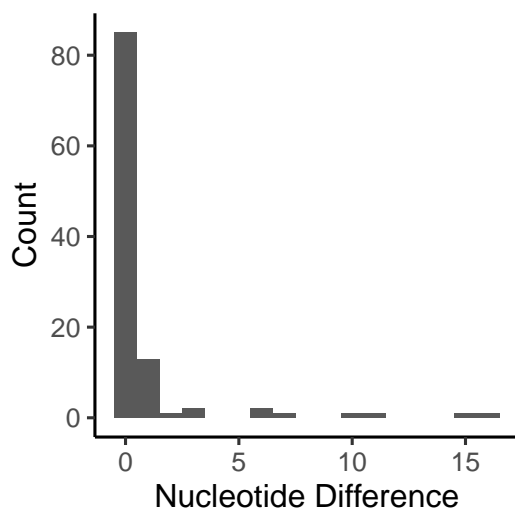
### IGLV3-1\*01

389 sequences assigned  
247 (63.5%) exact matches, in which:  
211 unique CDR3  
3 unique J



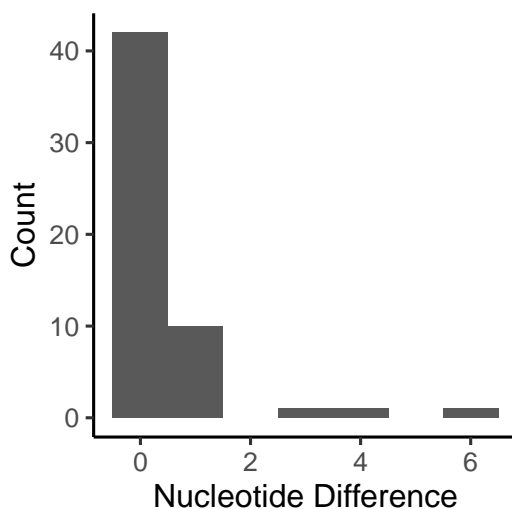
### IGLV2-14\*04EXT3

108 sequences assigned  
85 (78.7%) exact matches, in which:  
81 unique CDR3  
3 unique J



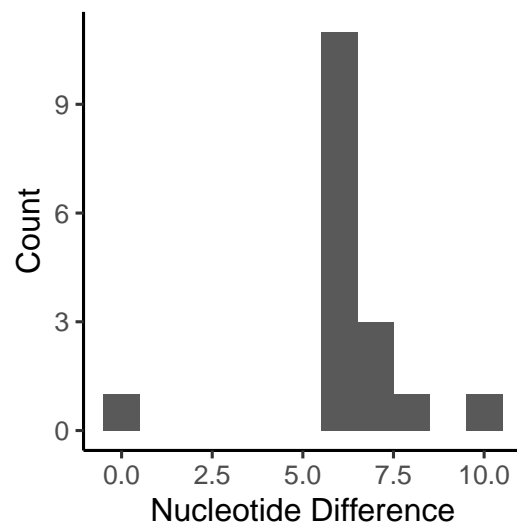
### IGLV2-23\*01

55 sequences assigned  
42 (76.4%) exact matches, in which:  
42 unique CDR3  
4 unique J



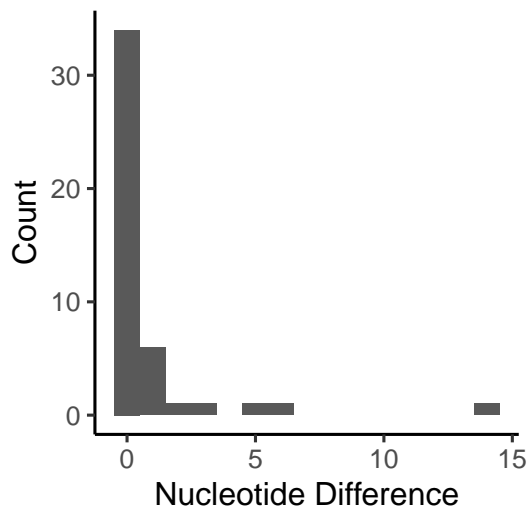
### IGLV3-9\*02

17 sequences assigned  
1 (5.9%) exact matches, in which:  
1 unique CDR3  
1 unique J



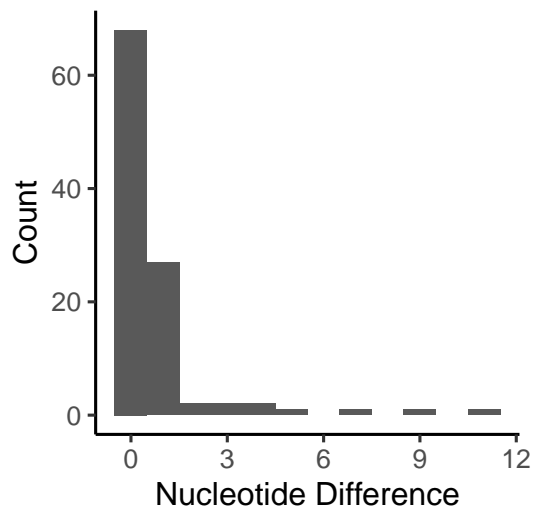
### IGLV3-10\*01

45 sequences assigned  
34 (75.6%) exact matches, in which:  
31 unique CDR3  
3 unique J



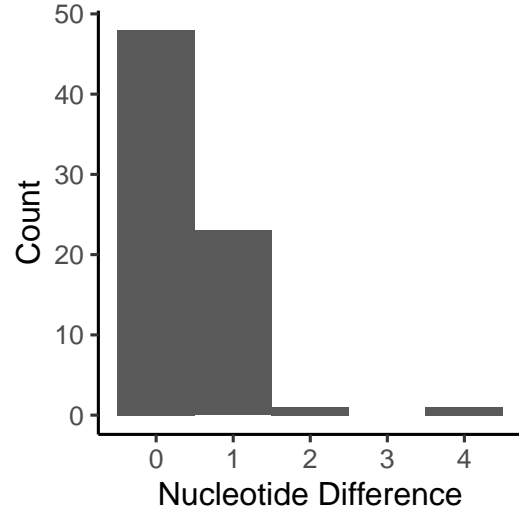
### IGLV3-19\*01

105 sequences assigned  
68 (64.8%) exact matches, in which:  
64 unique CDR3  
4 unique J



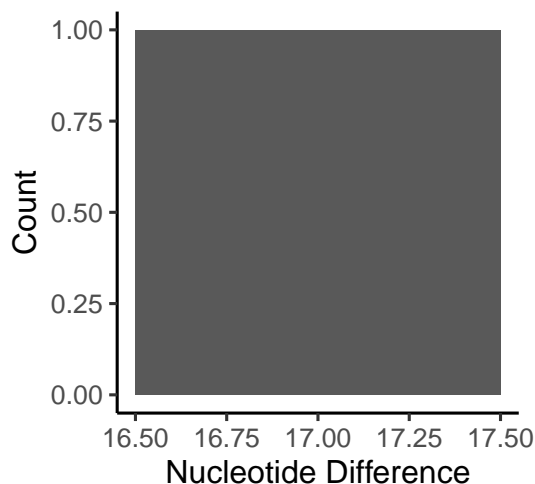
### IGLV3-25\*03

73 sequences assigned  
48 (65.8%) exact matches, in which:  
44 unique CDR3  
4 unique J



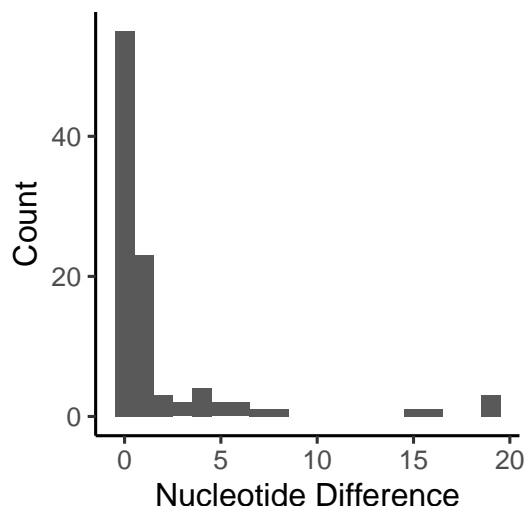
### IGLV3-12\*02

1 sequences assigned  
No exact matches.



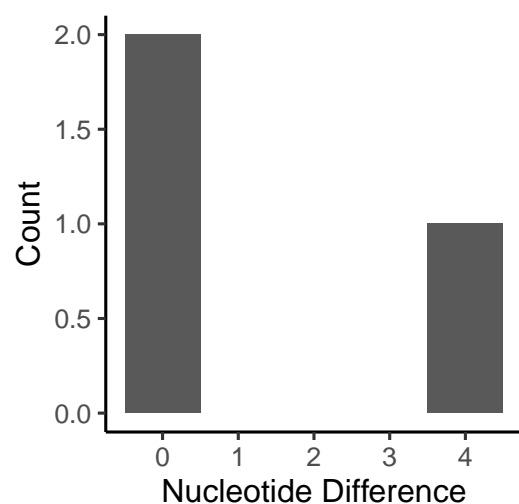
### IGLV3-21\*02

98 sequences assigned  
55 (56.1%) exact matches, in which:  
49 unique CDR3  
4 unique J



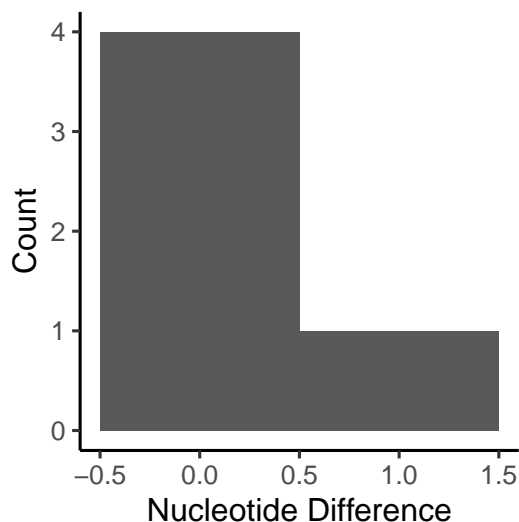
### IGLV3-27\*01

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



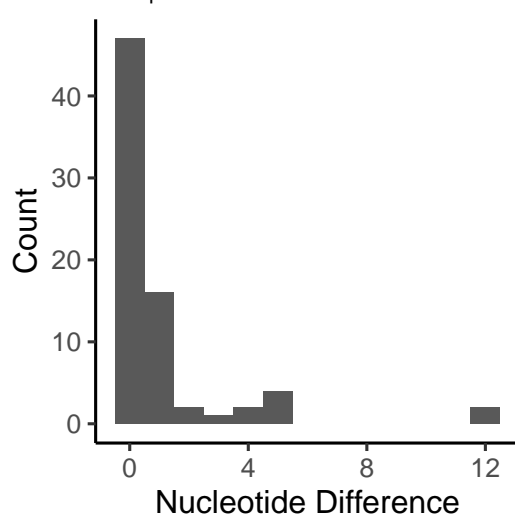
### IGLV3-16\*01

5 sequences assigned  
4 (80%) exact matches, in which:  
4 unique CDR3  
2 unique J



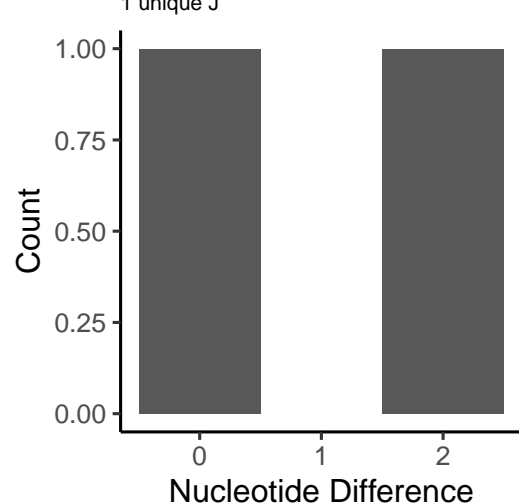
### IGLV3-21\*03

74 sequences assigned  
47 (63.5%) exact matches, in which:  
43 unique CDR3  
4 unique J



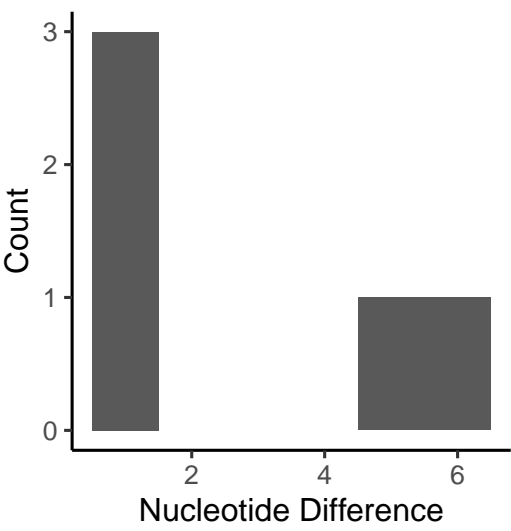
### IGLV4-3\*01

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



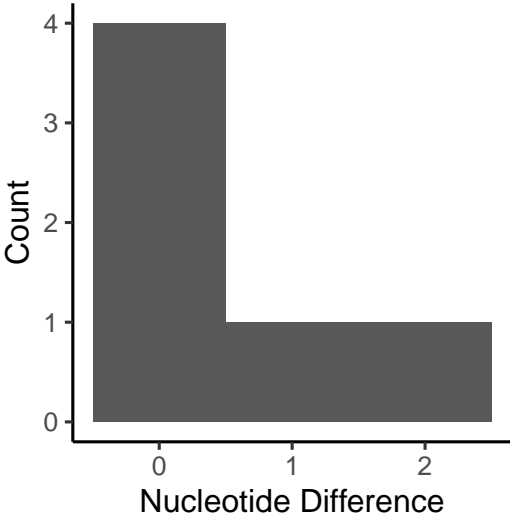
IGLV4-60\*02

5 sequences assigned  
No exact matches.



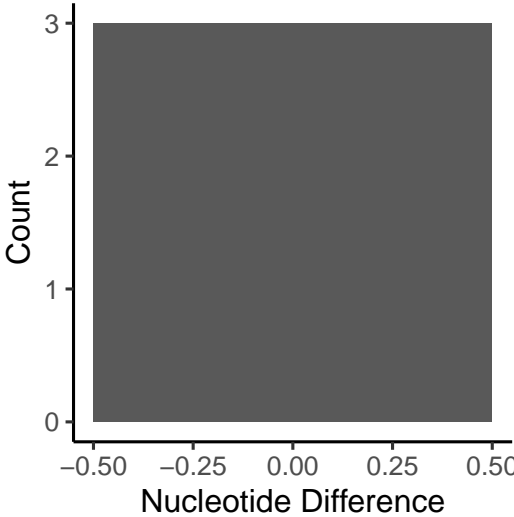
IGLV5-39\*01

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



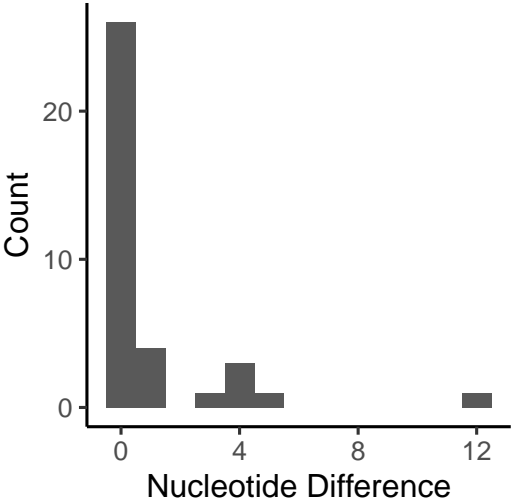
IGLV5-52\*01

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



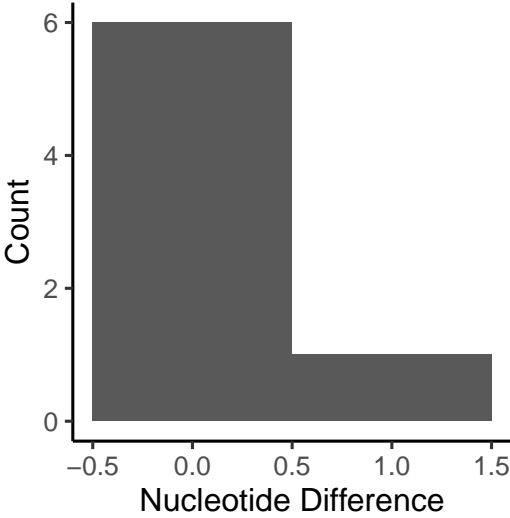
IGLV4-69\*01

36 sequences assigned  
26 (72.2%) exact matches, in which:  
22 unique CDR3  
3 unique J



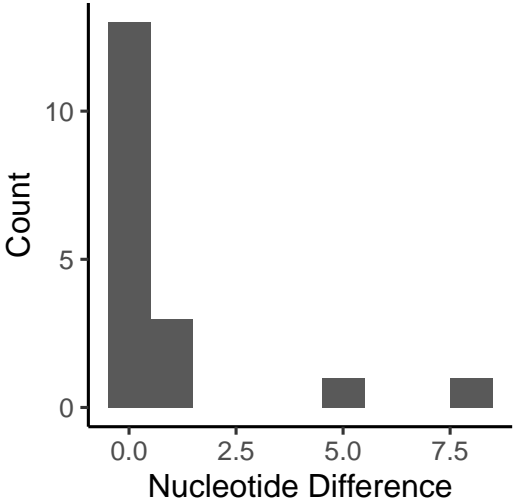
IGLV5-45\*01

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



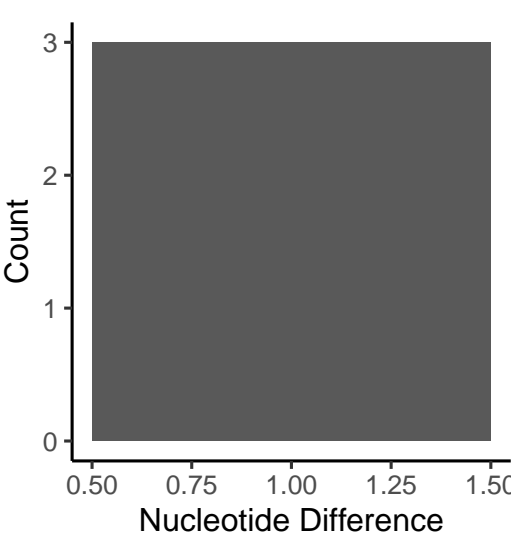
IGLV6-57\*02

18 sequences assigned  
13 (72.2%) exact matches, in which:  
13 unique CDR3  
3 unique J



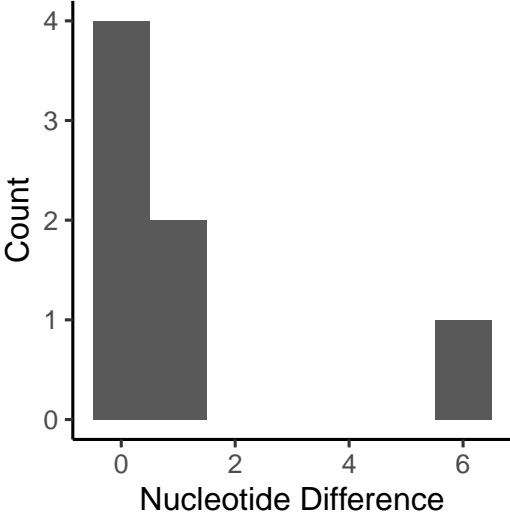
IGLV5-37\*01

3 sequences assigned  
No exact matches.



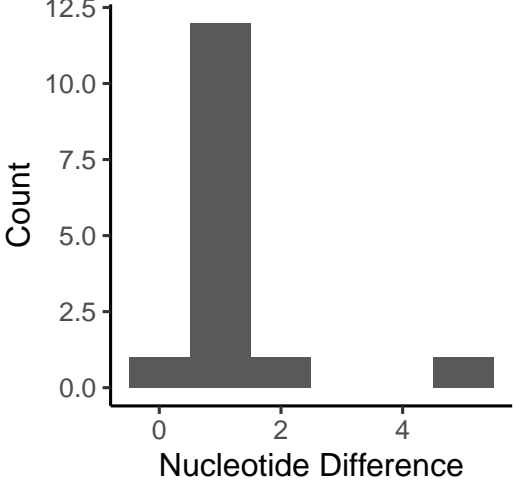
IGLV5-45\*03

7 sequences assigned  
4 (57.1%) exact matches, in which:  
4 unique CDR3  
3 unique J



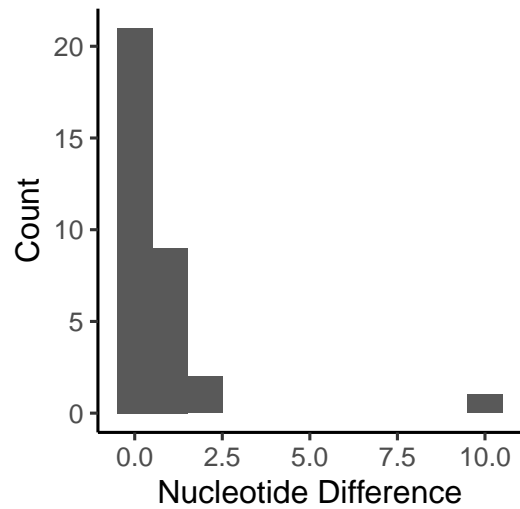
IGLV6-57\*03

15 sequences assigned  
1 (6.7%) exact matches, in which:  
1 unique CDR3  
1 unique J



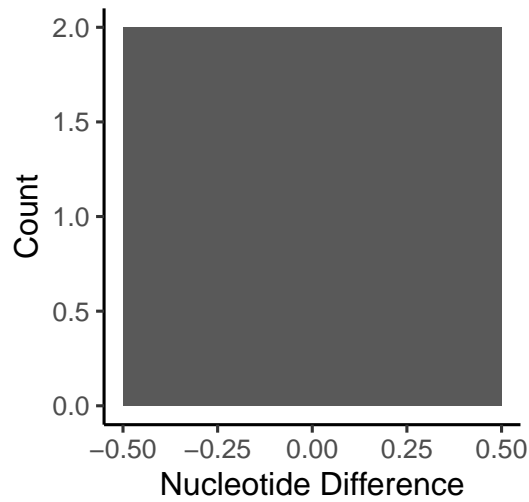
## IGLV7-43\*01

33 sequences assigned  
21 (63.6%) exact matches, in which:  
20 unique CDR3  
2 unique J



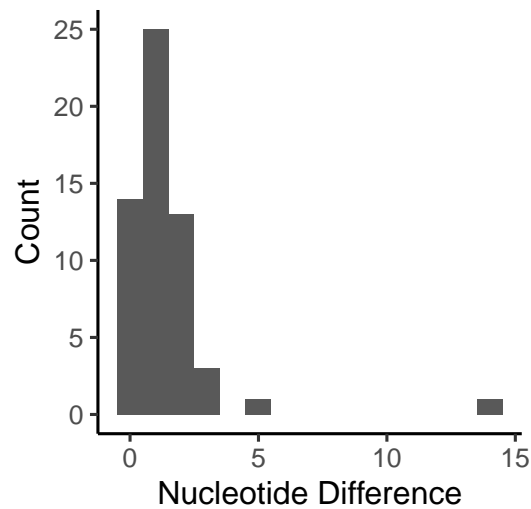
## IGLV8-61\*02

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



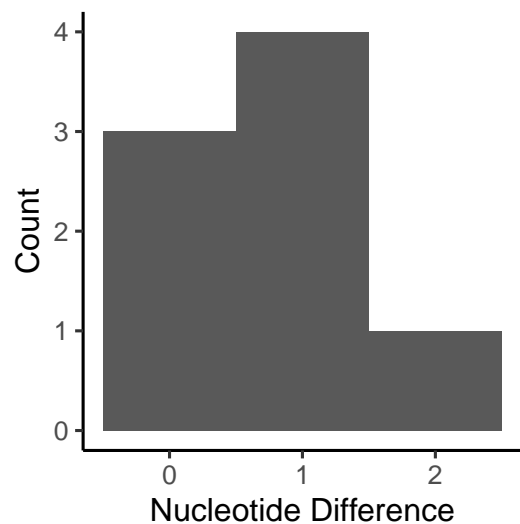
## IGLV7-46\*01

57 sequences assigned  
14 (24.6%) exact matches, in which:  
13 unique CDR3  
3 unique J



## IGLV8-61\*01

8 sequences assigned  
3 (37.5%) exact matches, in which:  
3 unique CDR3  
1 unique J





Warning – no inferred sequences found.