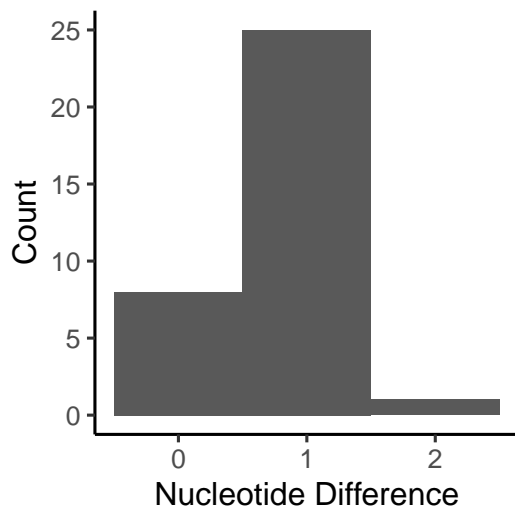


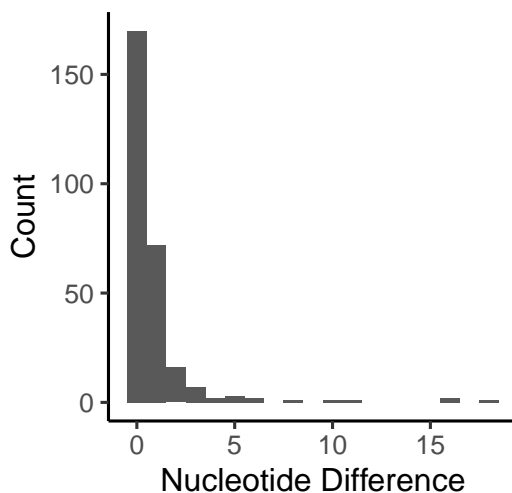
### IGLV10-54\*01

34 sequences assigned  
8 (23.5%) exact matches, in which:  
8 unique CDR3  
3 unique J



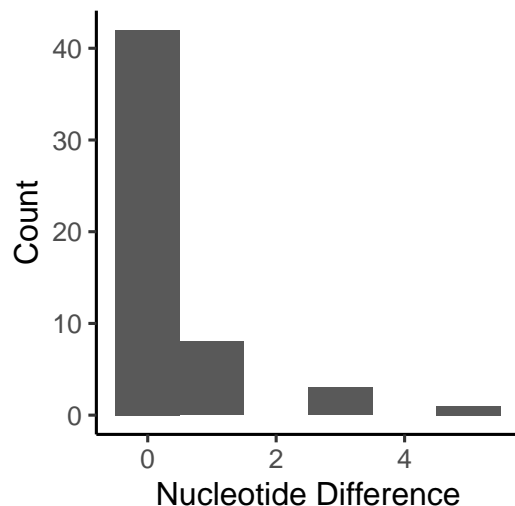
### IGLV1-44\*01

278 sequences assigned  
170 (61.2%) exact matches, in which:  
144 unique CDR3  
3 unique J



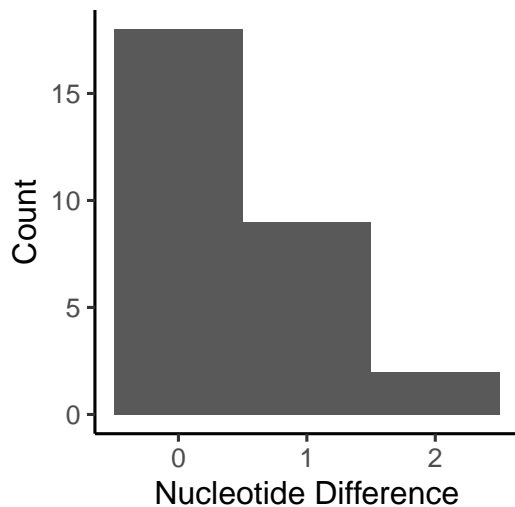
### IGLV2-8\*01

54 sequences assigned  
42 (77.8%) exact matches, in which:  
38 unique CDR3  
2 unique J



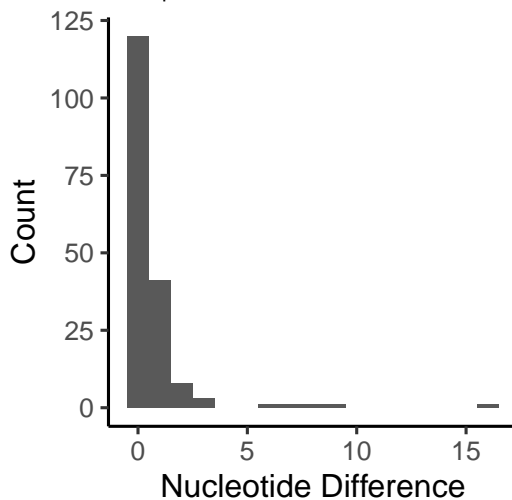
### IGLV1-36\*01

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



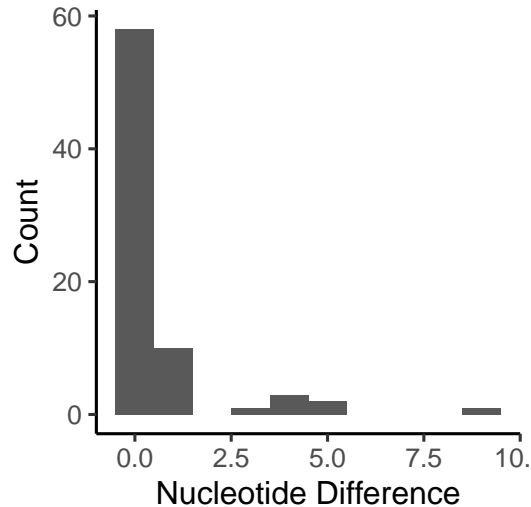
### IGLV1-47\*02

179 sequences assigned  
120 (67%) exact matches, in which:  
102 unique CDR3  
3 unique J



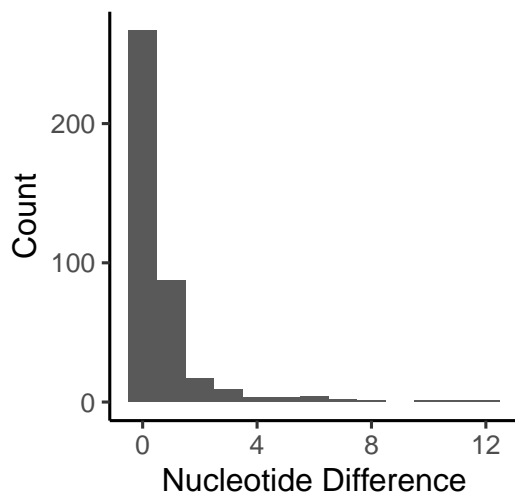
### IGLV2-8\*03EXT3

75 sequences assigned  
58 (77.3%) exact matches, in which:  
54 unique CDR3  
2 unique J



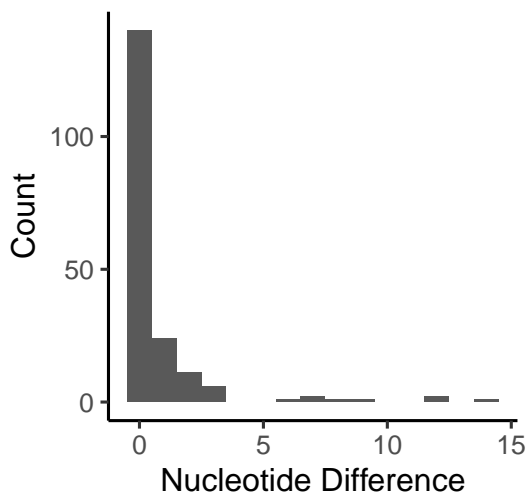
### IGLV1-40\*01

397 sequences assigned  
267 (67.3%) exact matches, in which:  
219 unique CDR3  
3 unique J



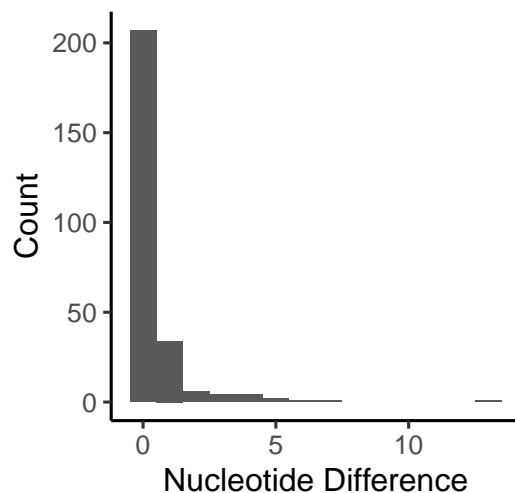
### IGLV1-51\*01

189 sequences assigned  
140 (74.1%) exact matches, in which:  
112 unique CDR3  
3 unique J



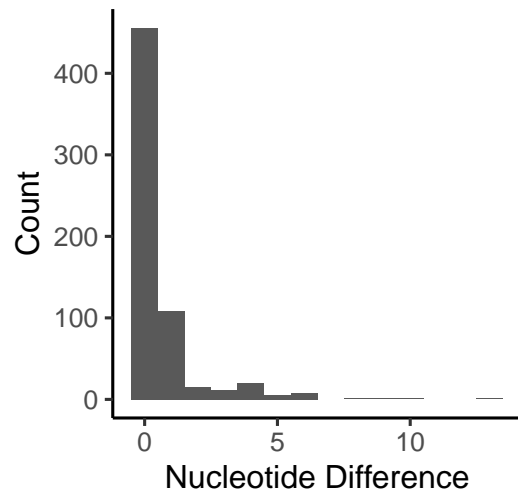
### IGLV2-11\*01

260 sequences assigned  
207 (79.6%) exact matches, in which:  
176 unique CDR3  
2 unique J



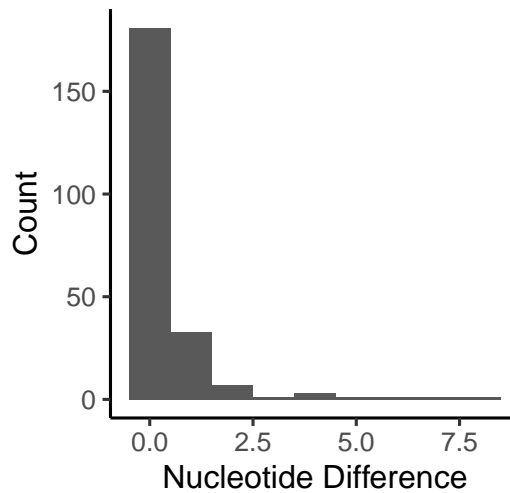
### IGLV2-14\*01

629 sequences assigned  
456 (72.5%) exact matches, in which:  
399 unique CDR3  
4 unique J



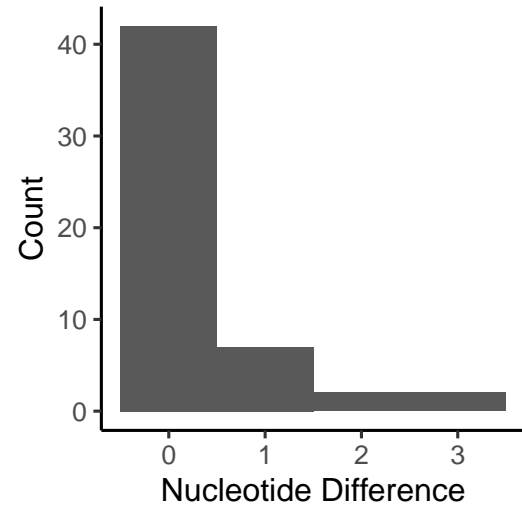
### IGLV2-23\*02EXT5

229 sequences assigned  
181 (79%) exact matches, in which:  
154 unique CDR3  
4 unique J



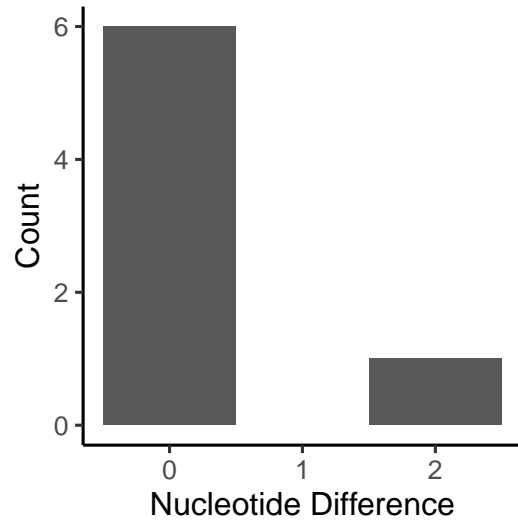
### IGLV3-10\*01

53 sequences assigned  
42 (79.2%) exact matches, in which:  
39 unique CDR3  
2 unique J



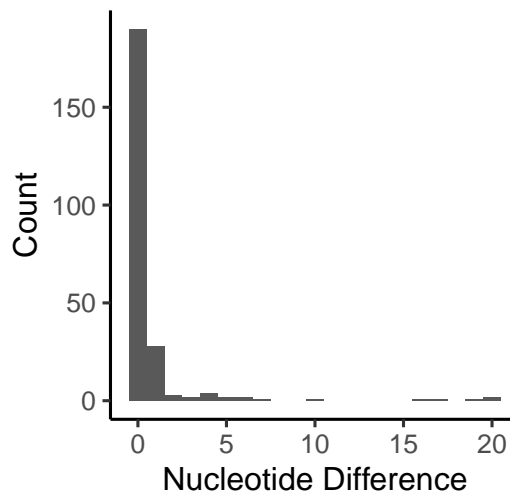
### IGLV2-18\*01

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



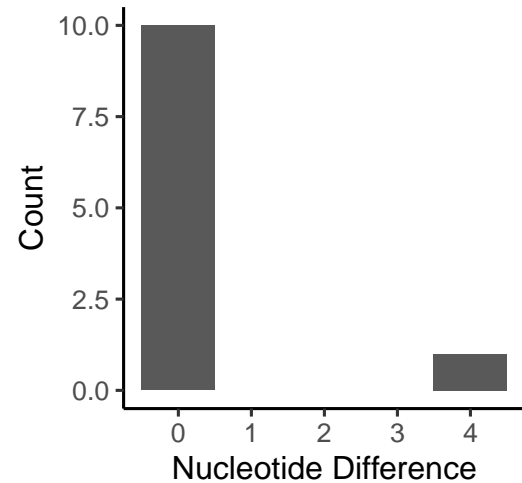
### IGLV3-1\*01

238 sequences assigned  
190 (79.8%) exact matches, in which:  
168 unique CDR3  
3 unique J



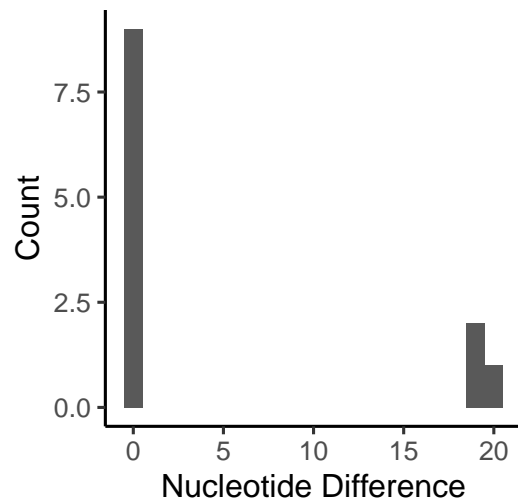
### IGLV3-16\*01

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



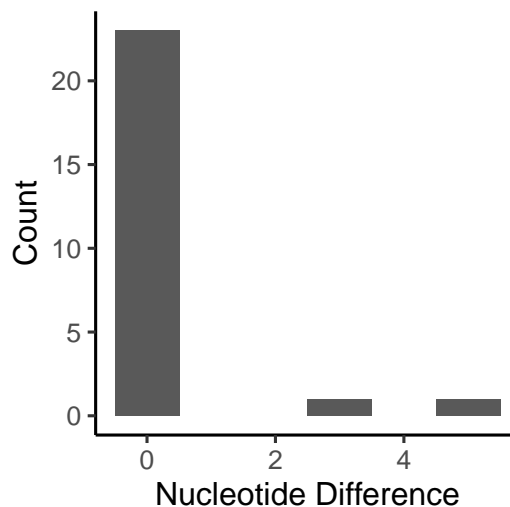
### IGLV2-18\*02

12 sequences assigned  
9 (75%) exact matches, in which:  
6 unique CDR3  
2 unique J



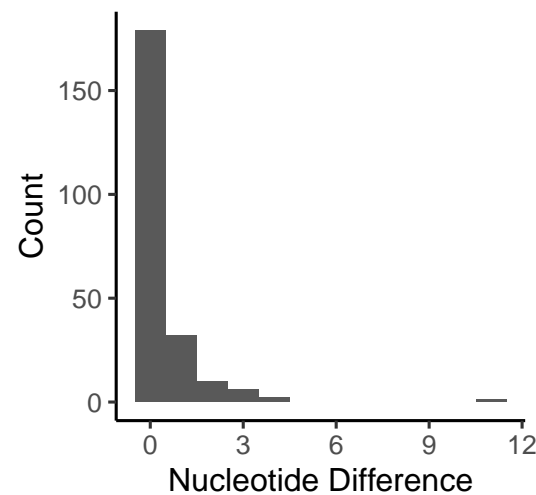
### IGLV3-9\*01EXT5

25 sequences assigned  
23 (92%) exact matches, in which:  
22 unique CDR3  
3 unique J



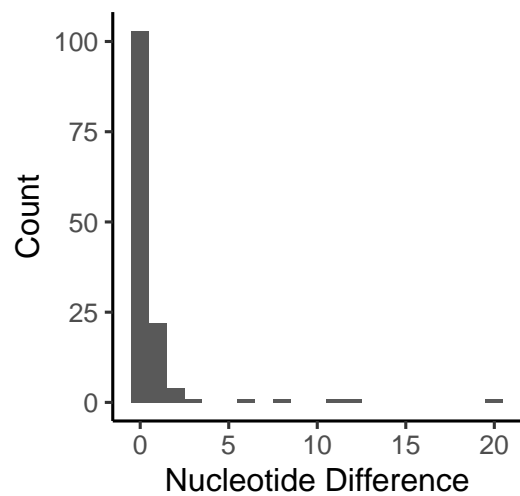
### IGLV3-19\*01

230 sequences assigned  
179 (77.8%) exact matches, in which:  
145 unique CDR3  
2 unique J



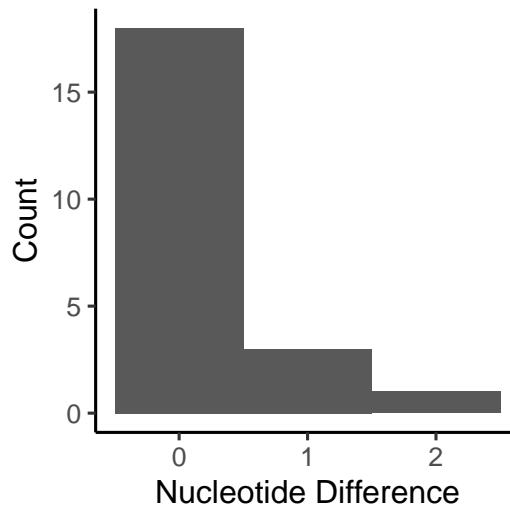
### IGLV3-21\*02

135 sequences assigned  
103 (76.3%) exact matches, in which:  
91 unique CDR3  
3 unique J



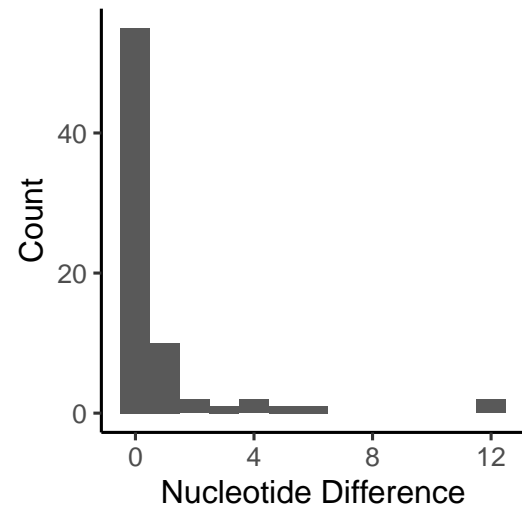
### IGLV3-27\*01

22 sequences assigned  
18 (81.8%) exact matches, in which:  
17 unique CDR3  
2 unique J



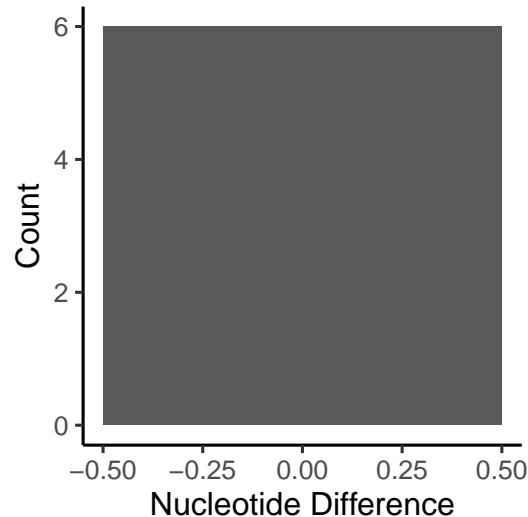
### IGLV4-69\*01

74 sequences assigned  
55 (74.3%) exact matches, in which:  
49 unique CDR3  
3 unique J



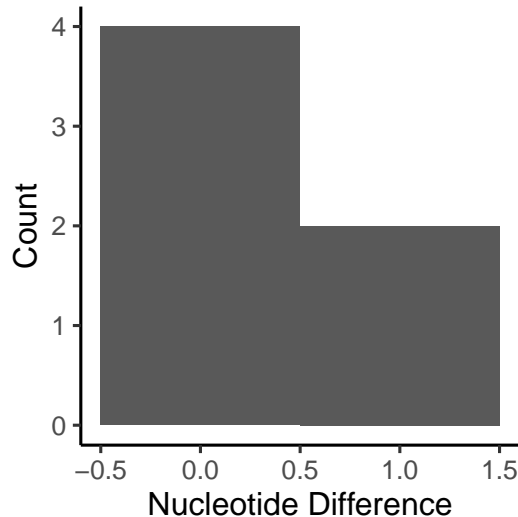
### IGLV3-22\*01

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



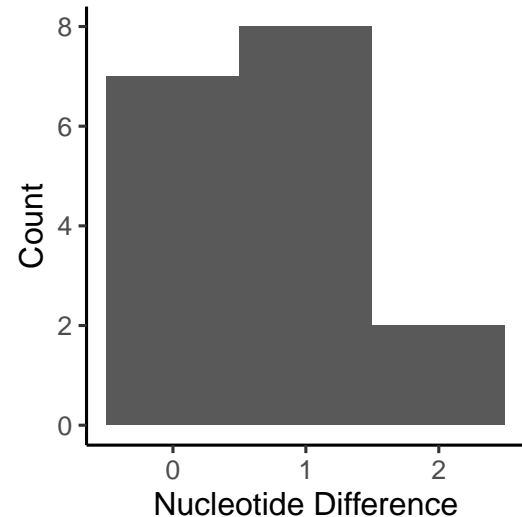
### IGLV4-3\*01

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



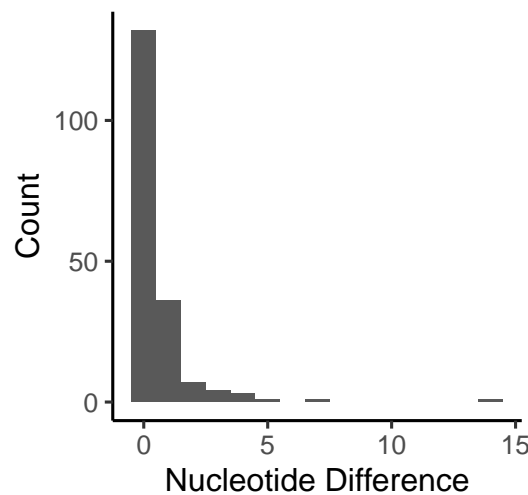
### IGLV5-37\*01

17 sequences assigned  
7 (41.2%) exact matches, in which:  
5 unique CDR3  
2 unique J



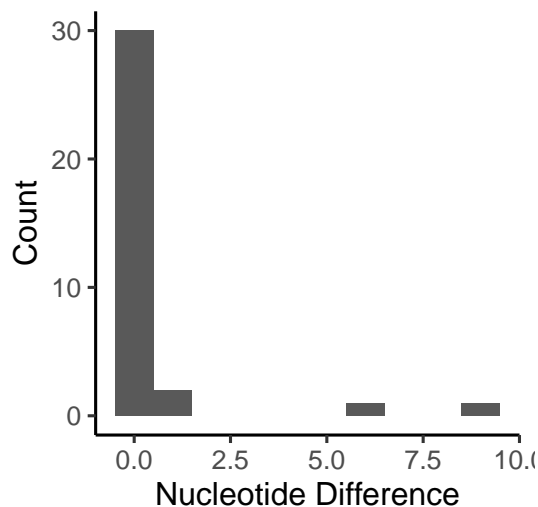
### IGLV3-25\*03

185 sequences assigned  
132 (71.4%) exact matches, in which:  
121 unique CDR3  
4 unique J



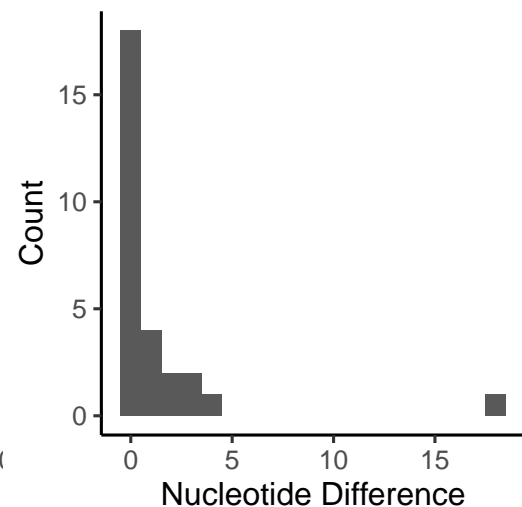
### IGLV4-60\*03EXT5

34 sequences assigned  
30 (88.2%) exact matches, in which:  
28 unique CDR3  
2 unique J



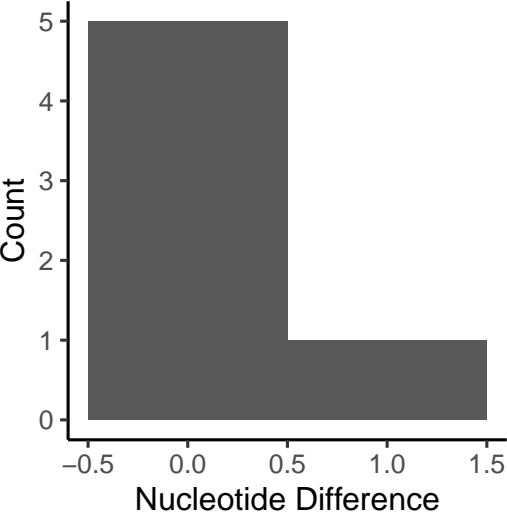
### IGLV5-45\*03

28 sequences assigned  
18 (64.3%) exact matches, in which:  
12 unique CDR3  
2 unique J



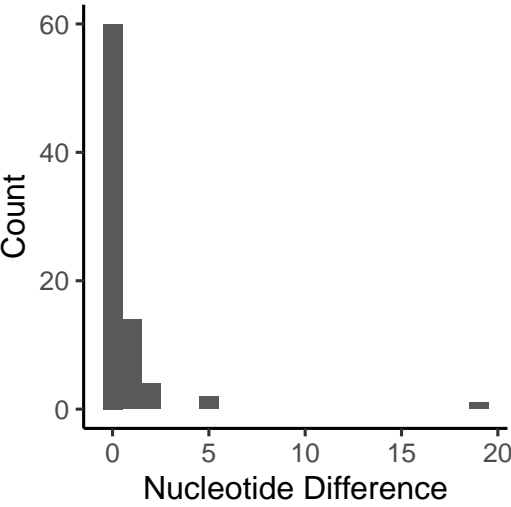
# IGLV5-52\*01

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



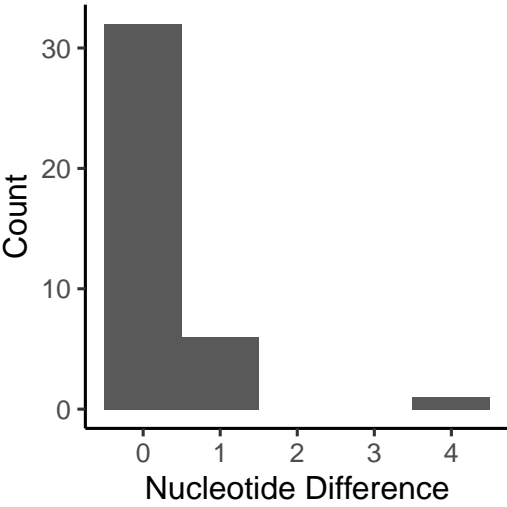
# IGLV7-43\*01

81 sequences assigned  
60 (74.1%) exact matches, in which:  
55 unique CDR3  
3 unique J



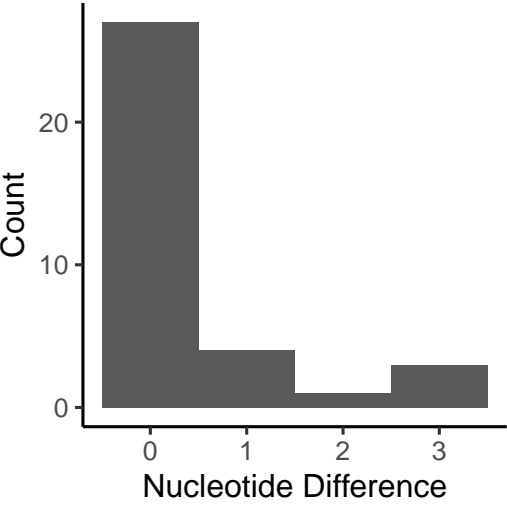
# IGLV9-49\*01

39 sequences assigned  
32 (82.1%) exact matches, in which:  
28 unique CDR3  
3 unique J



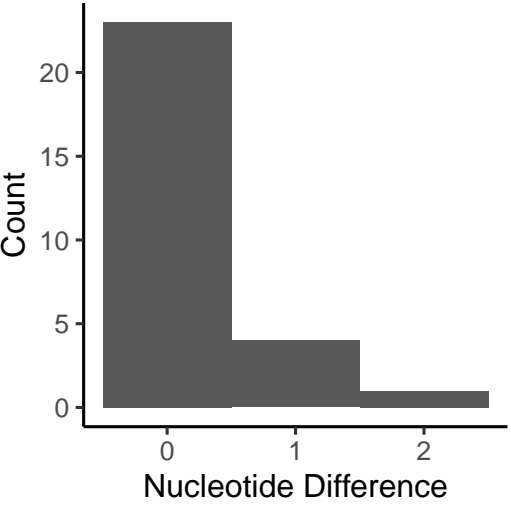
# IGLV6-57\*02

35 sequences assigned  
27 (77.1%) exact matches, in which:  
26 unique CDR3  
4 unique J



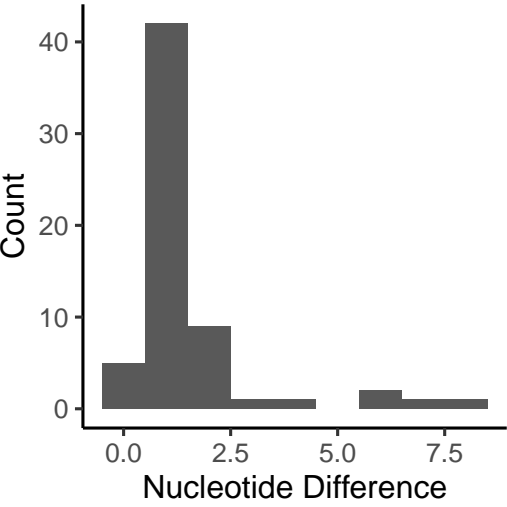
# IGLV7-46\*02

28 sequences assigned  
23 (82.1%) exact matches, in which:  
23 unique CDR3  
2 unique J



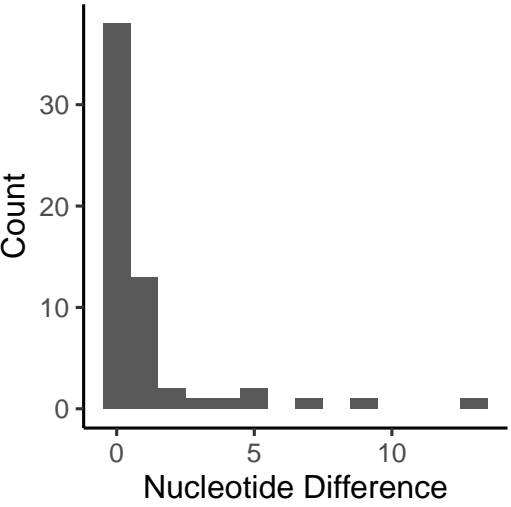
# IGLV6-57\*03

62 sequences assigned  
5 (8.1%) exact matches, in which:  
4 unique CDR3  
1 unique J

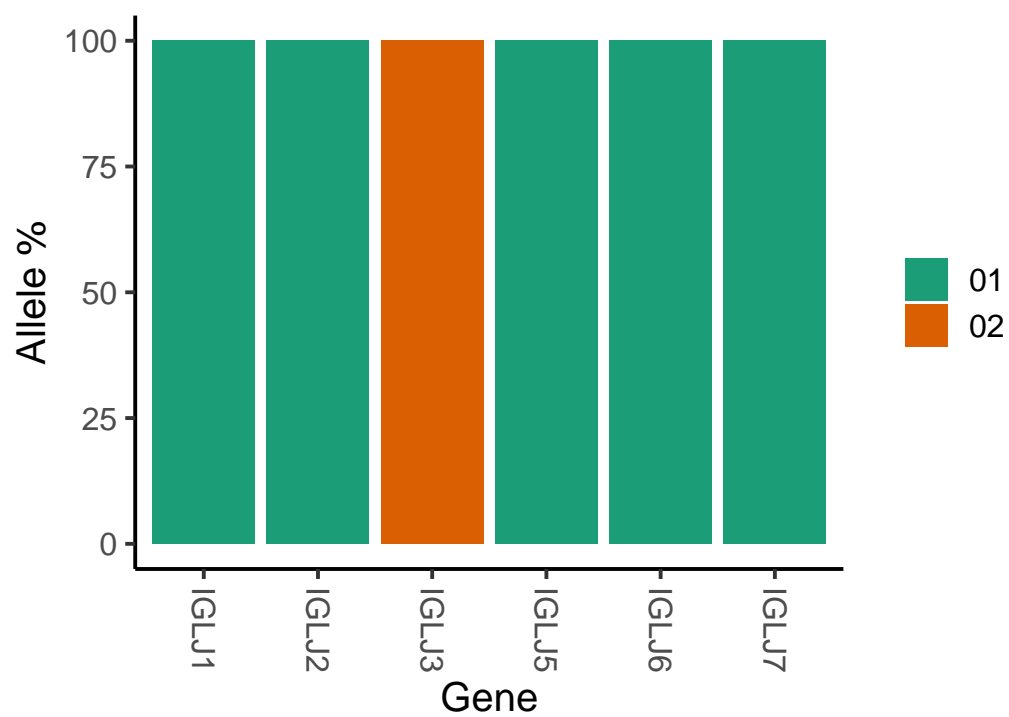


# IGLV8-61\*01

60 sequences assigned  
38 (63.3%) exact matches, in which:  
33 unique CDR3  
3 unique J



Allele Usage



Warning – no inferred sequences found.