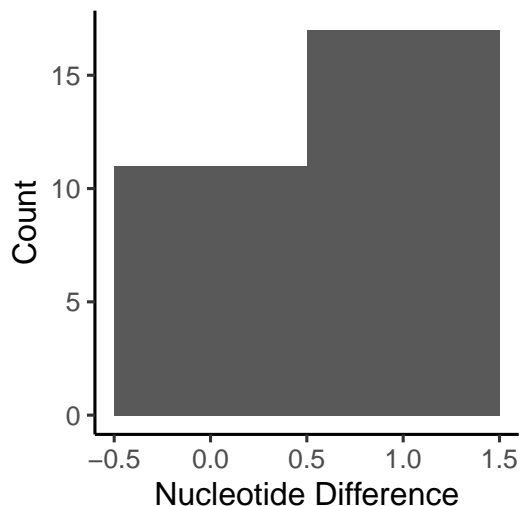


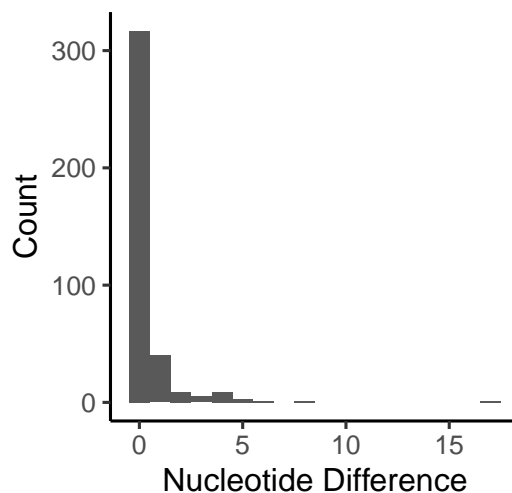
### IGLV10-54\*01

28 sequences assigned  
11 (39.3%) exact matches, in which:  
10 unique CDR3  
3 unique J



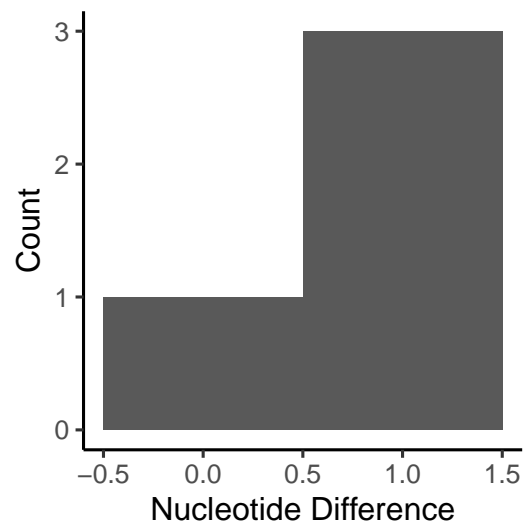
### IGLV1-44\*01

386 sequences assigned  
317 (82.1%) exact matches, in which:  
219 unique CDR3  
4 unique J



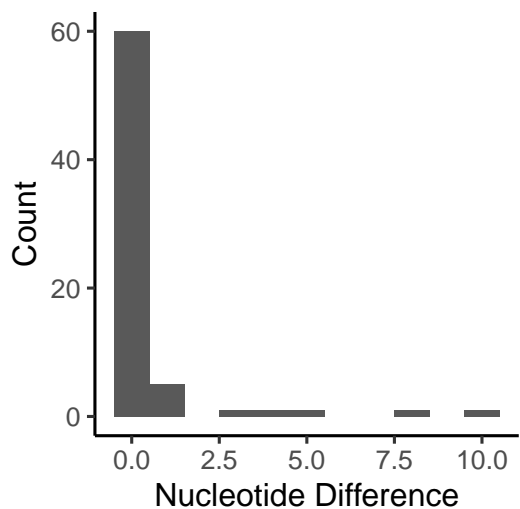
### IGLV2-5\*01

4 sequences assigned  
1 (25%) exact matches, in which:  
1 unique CDR3  
1 unique J



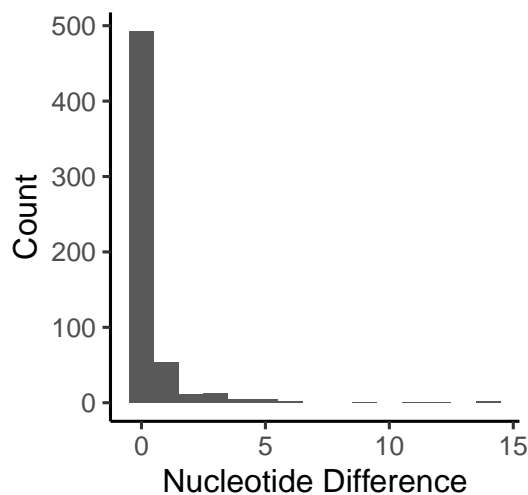
### IGLV1-36\*01

70 sequences assigned  
60 (85.7%) exact matches, in which:  
40 unique CDR3  
3 unique J



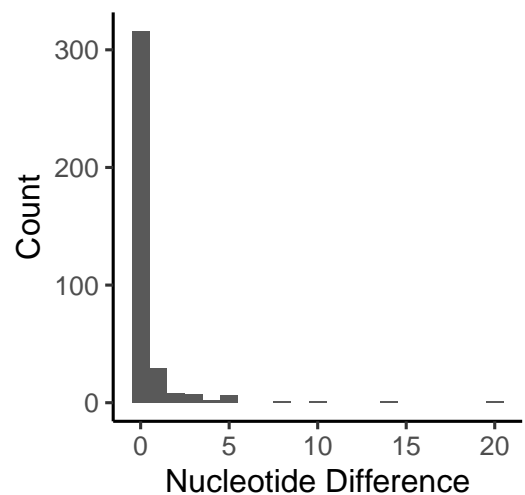
### IGLV1-47\*01

587 sequences assigned  
493 (84%) exact matches, in which:  
345 unique CDR3  
5 unique J



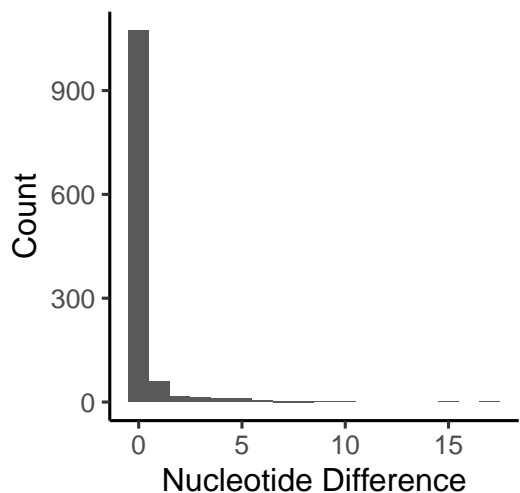
### IGLV2-8\*01

372 sequences assigned  
316 (84.9%) exact matches, in which:  
243 unique CDR3  
3 unique J



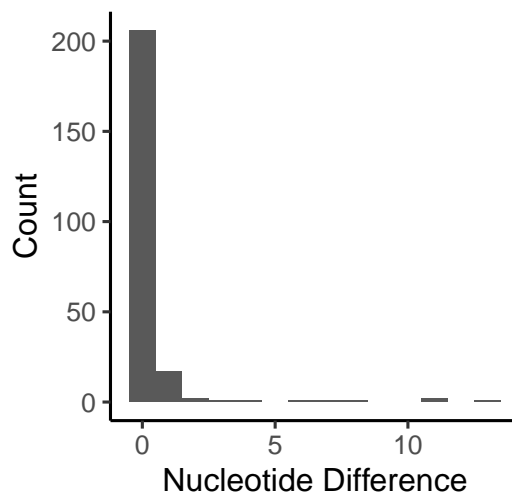
### IGLV1-40\*01

1200 sequences assigned  
1074 (89.5%) exact matches, in which:  
685 unique CDR3  
3 unique J



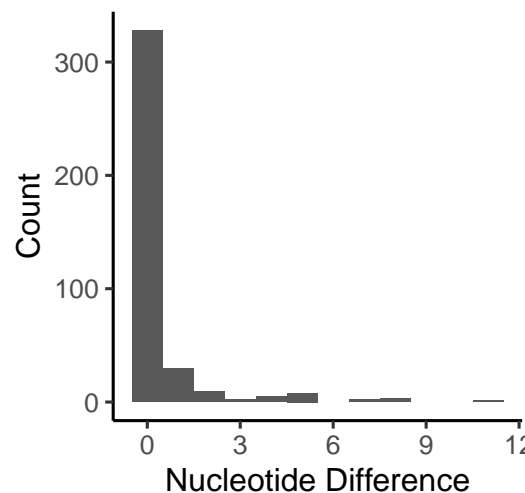
### IGLV1-51\*01

233 sequences assigned  
206 (88.4%) exact matches, in which:  
143 unique CDR3  
6 unique J



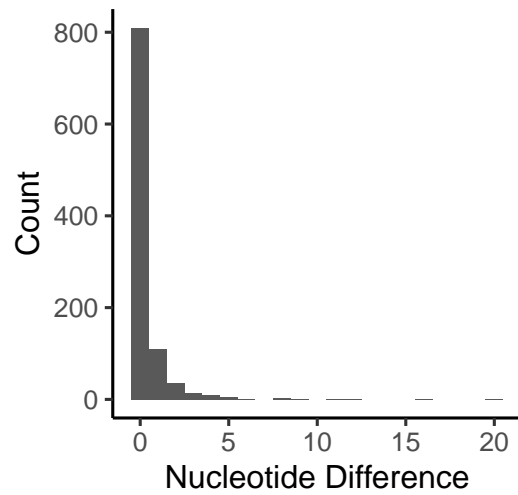
### IGLV2-11\*01

388 sequences assigned  
328 (84.5%) exact matches, in which:  
254 unique CDR3  
3 unique J



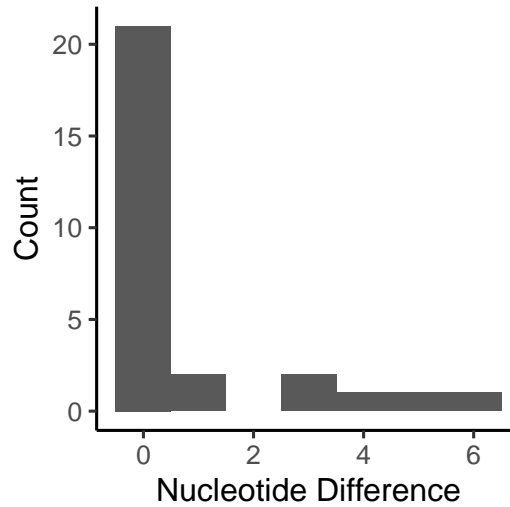
### IGLV2-14\*01

993 sequences assigned  
810 (81.6%) exact matches, in which:  
611 unique CDR3  
4 unique J



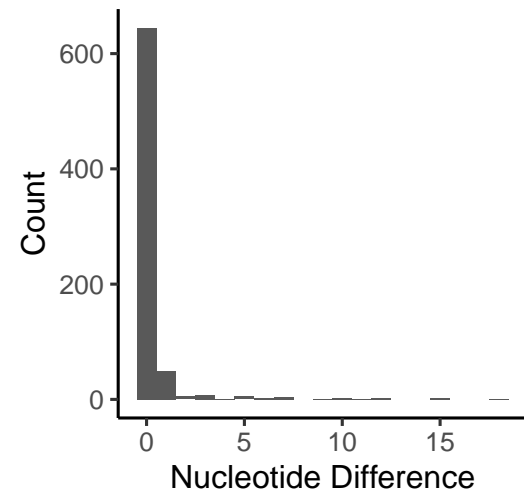
### IGLV2-18\*02

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



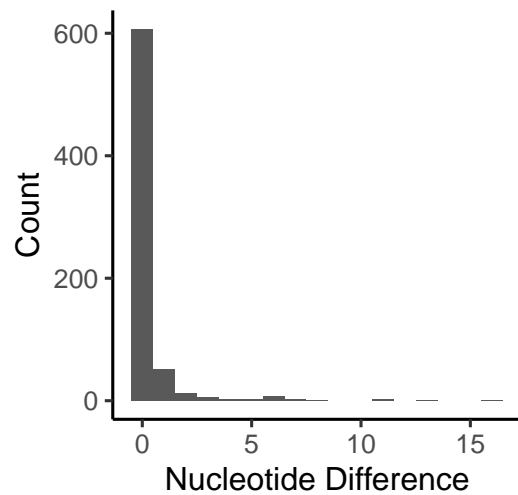
### IGLV3-1\*01

732 sequences assigned  
645 (88.1%) exact matches, in which:  
421 unique CDR3  
3 unique J



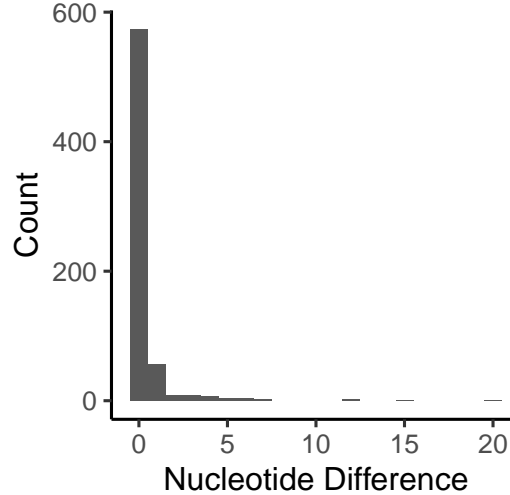
### IGLV2-14\*03EXT3

697 sequences assigned  
607 (87.1%) exact matches, in which:  
433 unique CDR3  
3 unique J



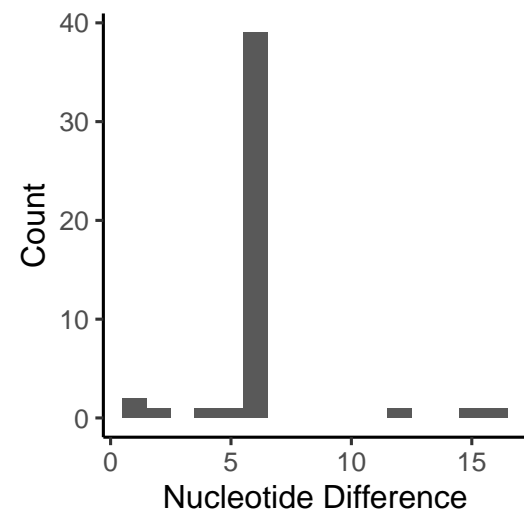
### IGLV2-23\*01

670 sequences assigned  
574 (85.7%) exact matches, in which:  
436 unique CDR3  
4 unique J



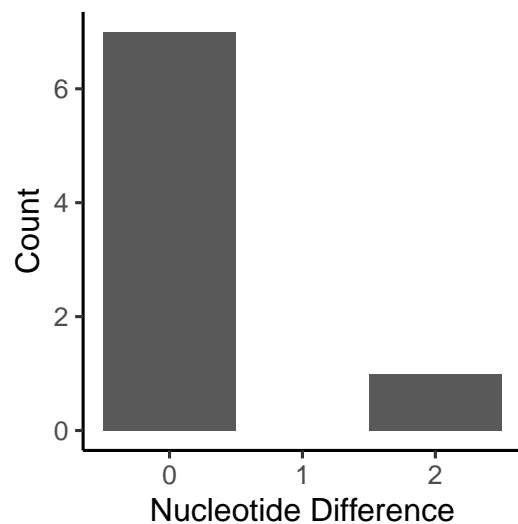
### IGLV3-9\*02

47 sequences assigned  
No exact matches.



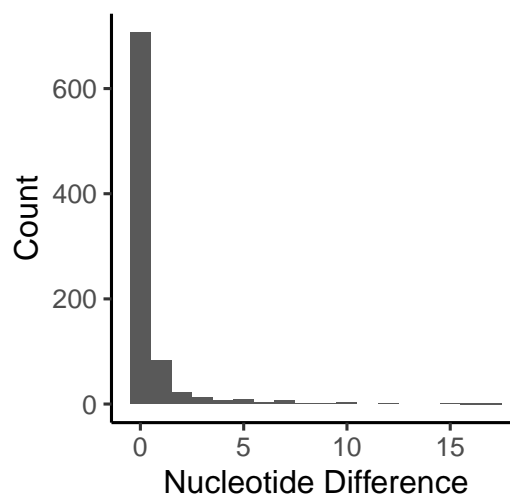
### IGLV2-18\*01

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



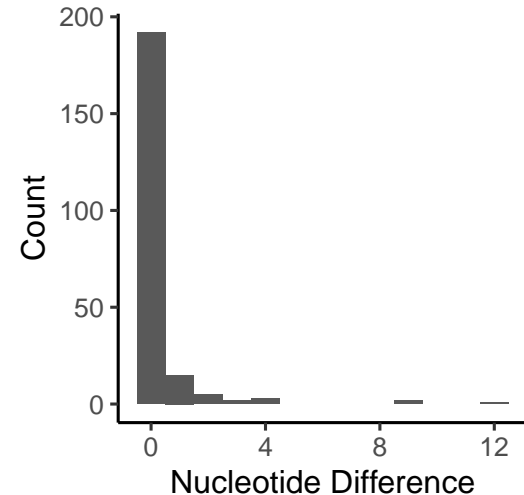
### IGLV2-23\*01\_G170T

858 sequences assigned  
707 (82.4%) exact matches, in which:  
514 unique CDR3  
5 unique J



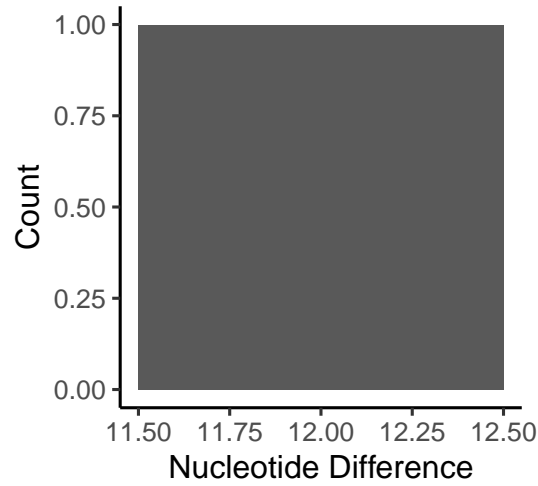
### IGLV3-10\*01

221 sequences assigned  
192 (86.9%) exact matches, in which:  
163 unique CDR3  
3 unique J



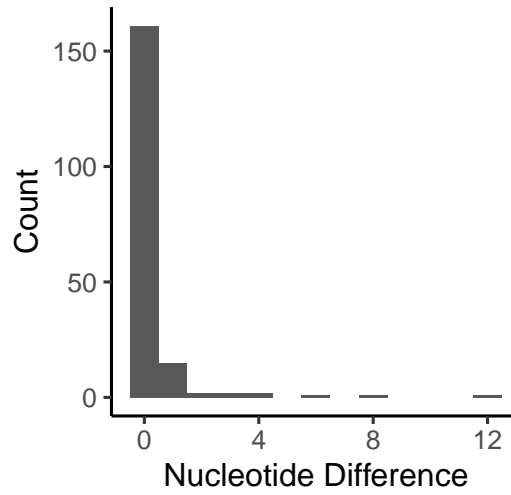
### IGLV3–12\*02

1 sequences assigned  
No exact matches.



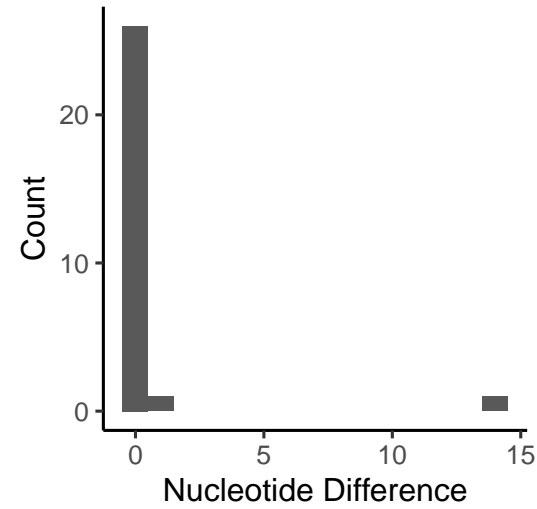
### IGLV3–21\*04

185 sequences assigned  
161 (87%) exact matches, in which:  
129 unique CDR3  
4 unique J



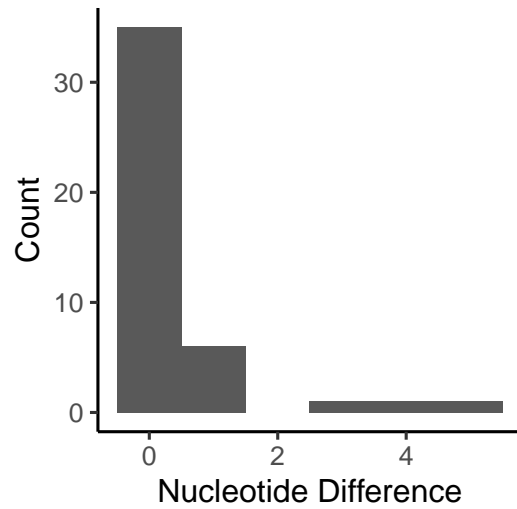
### IGLV4–60\*02

28 sequences assigned  
26 (92.9%) exact matches, in which:  
24 unique CDR3  
3 unique J



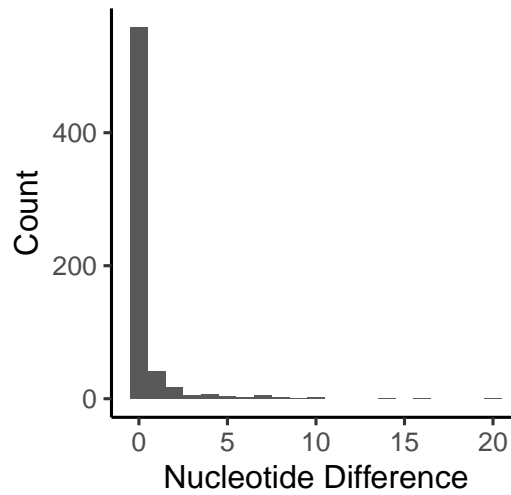
### IGLV3–16\*01

44 sequences assigned  
35 (79.5%) exact matches, in which:  
33 unique CDR3  
3 unique J



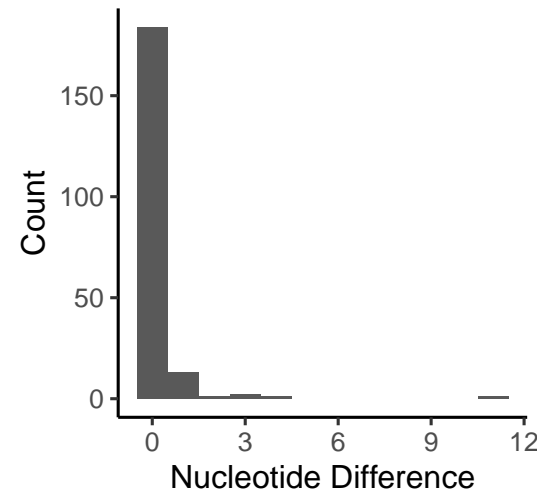
### IGLV3–25\*03

657 sequences assigned  
559 (85.1%) exact matches, in which:  
411 unique CDR3  
4 unique J



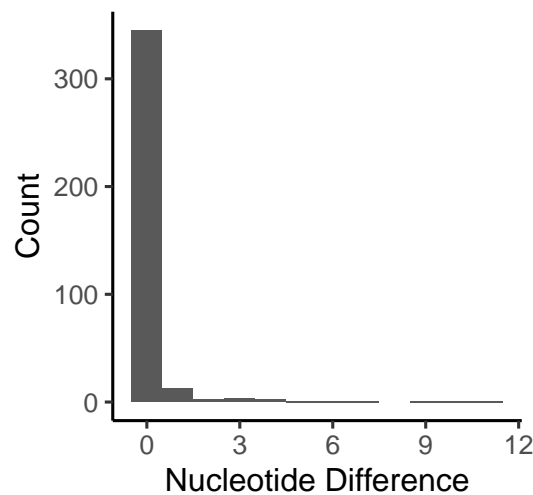
### IGLV4–69\*01

202 sequences assigned  
184 (91.1%) exact matches, in which:  
148 unique CDR3  
3 unique J



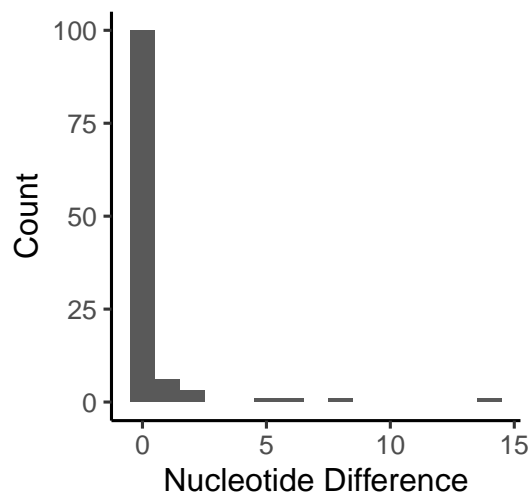
### IGLV3–19\*01

371 sequences assigned  
345 (93%) exact matches, in which:  
266 unique CDR3  
3 unique J



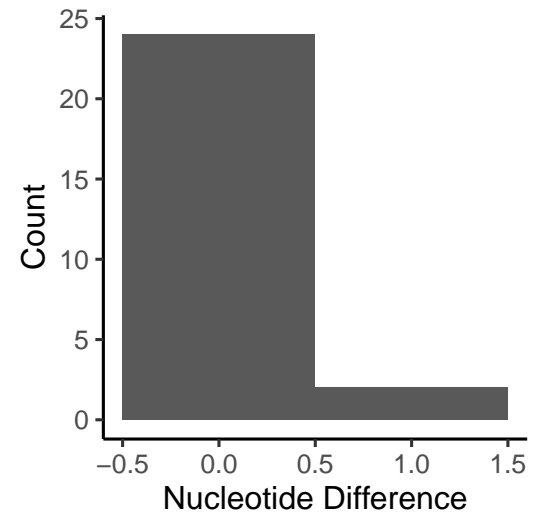
### IGLV3–27\*01

113 sequences assigned  
100 (88.5%) exact matches, in which:  
91 unique CDR3  
3 unique J



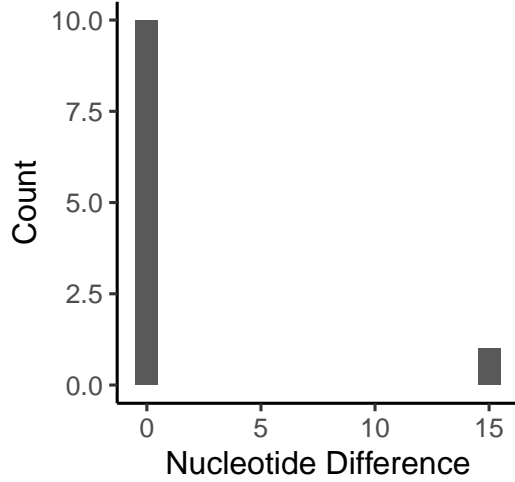
### IGLV5–37\*01

26 sequences assigned  
24 (92.3%) exact matches, in which:  
23 unique CDR3  
3 unique J



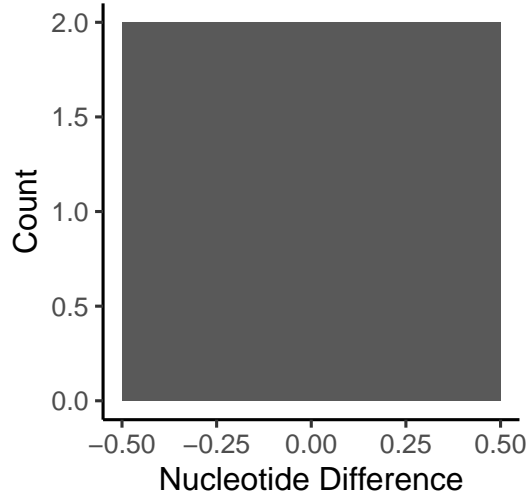
### IGLV5-39\*01

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



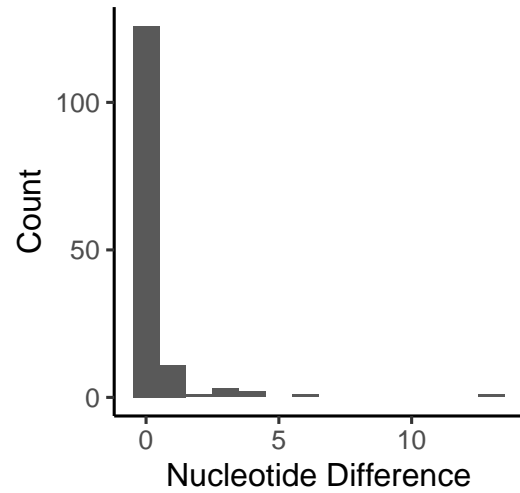
### IGLV5-52\*01

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



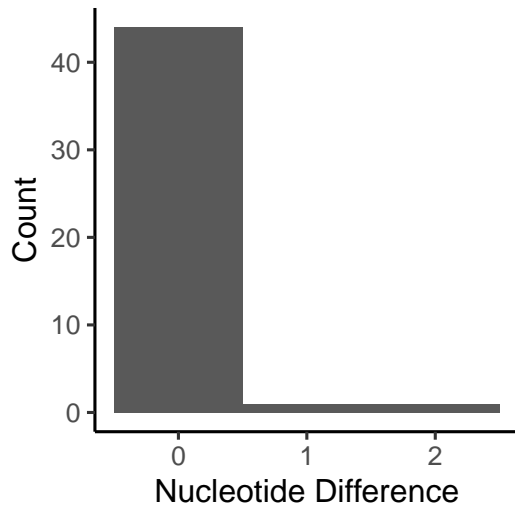
### IGLV7-43\*01

145 sequences assigned  
126 (86.9%) exact matches, in which:  
107 unique CDR3  
3 unique J



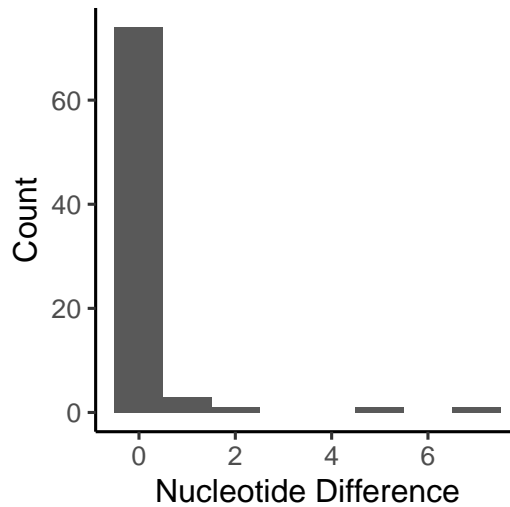
### IGLV5-45\*01

46 sequences assigned  
44 (95.7%) exact matches, in which:  
33 unique CDR3  
3 unique J



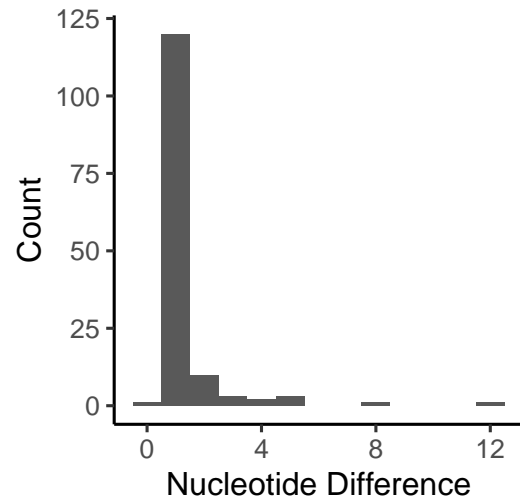
### IGLV6-57\*01

80 sequences assigned  
74 (92.5%) exact matches, in which:  
67 unique CDR3  
4 unique J



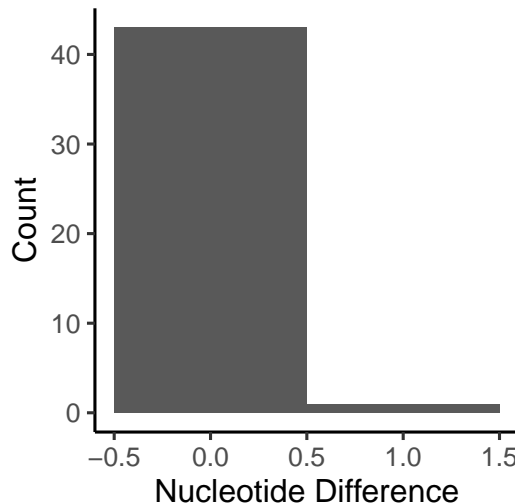
### IGLV7-46\*01

141 sequences assigned  
1 (0.7%) exact matches, in which:  
1 unique CDR3  
1 unique J



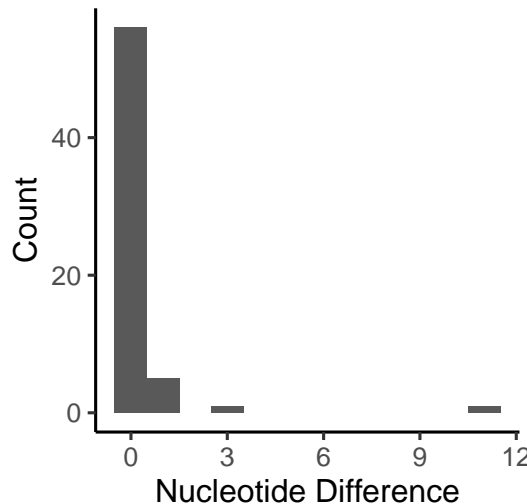
### IGLV5-45\*02

44 sequences assigned  
43 (97.7%) exact matches, in which:  
33 unique CDR3  
3 unique J



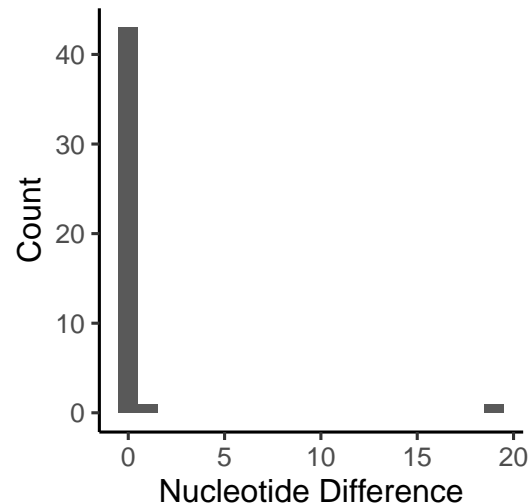
### IGLV6-57\*02

63 sequences assigned  
56 (88.9%) exact matches, in which:  
47 unique CDR3  
2 unique J



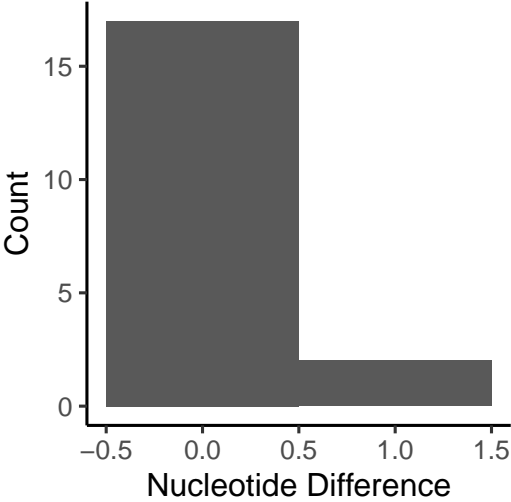
### IGLV8-61\*01

45 sequences assigned  
43 (95.6%) exact matches, in which:  
34 unique CDR3  
3 unique J

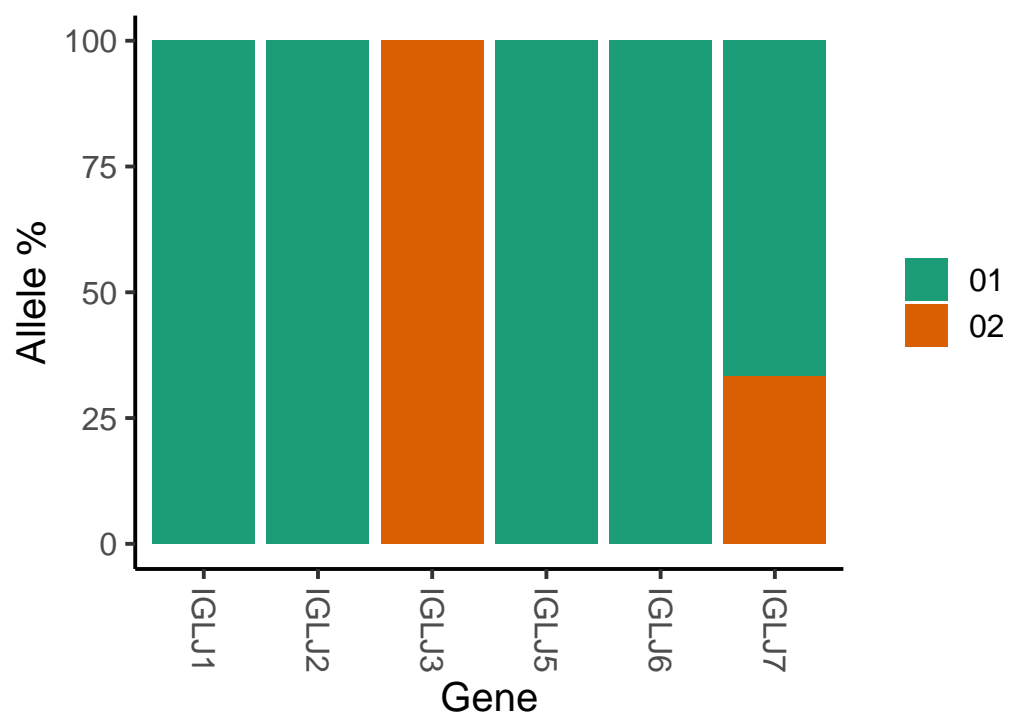


IGLV9-49\*01

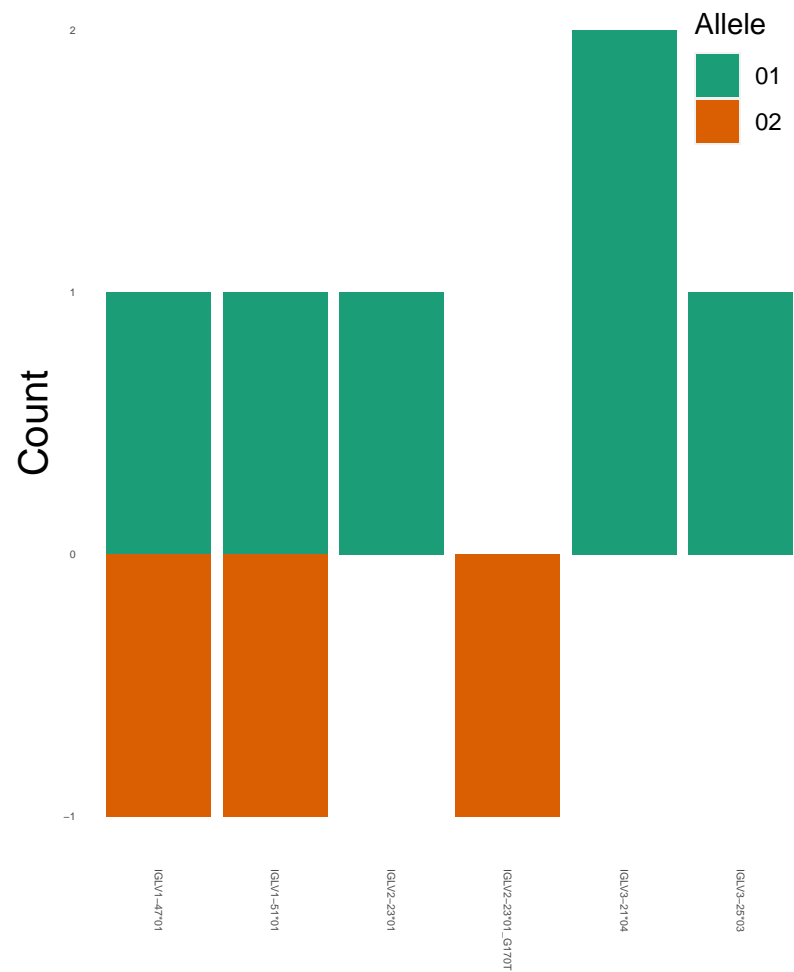
19 sequences assigned  
17 (89.5%) exact matches, in which:  
16 unique CDR3  
3 unique J



Allele Usage



Sequence Count by IGLJ7 allele usage



Warning – no inferred sequences found.