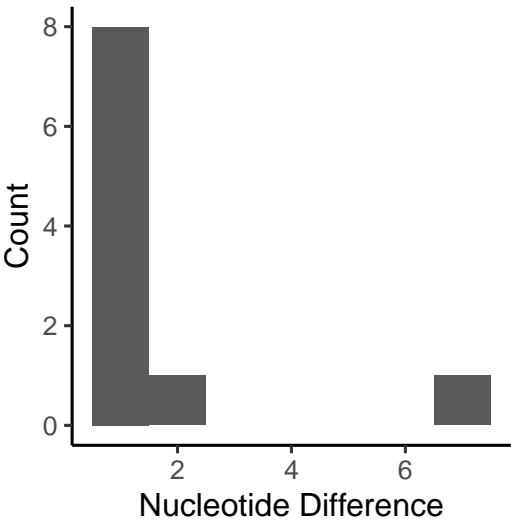


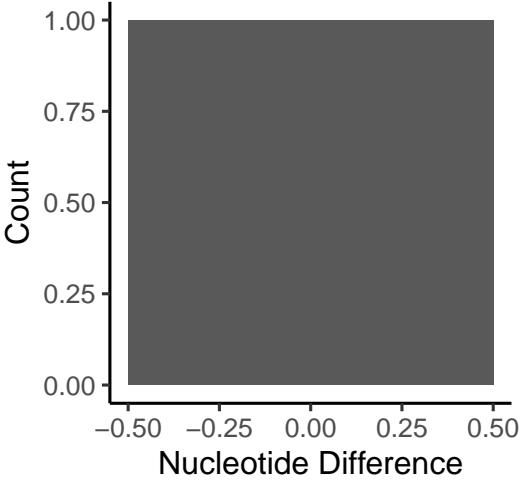
IGLV10–54\*01

10 sequences assigned  
No exact matches.



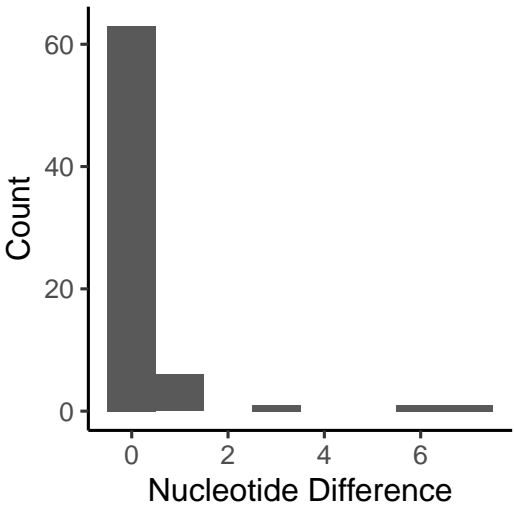
IGLV1–41\*01

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



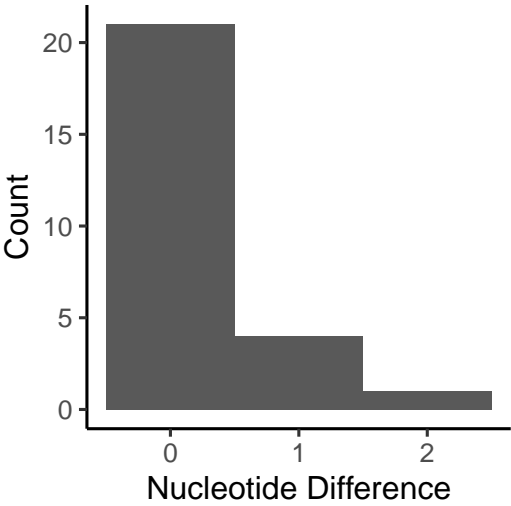
IGLV1–51\*01

72 sequences assigned  
63 (87.5%) exact matches, in which:  
49 unique CDR3  
3 unique J



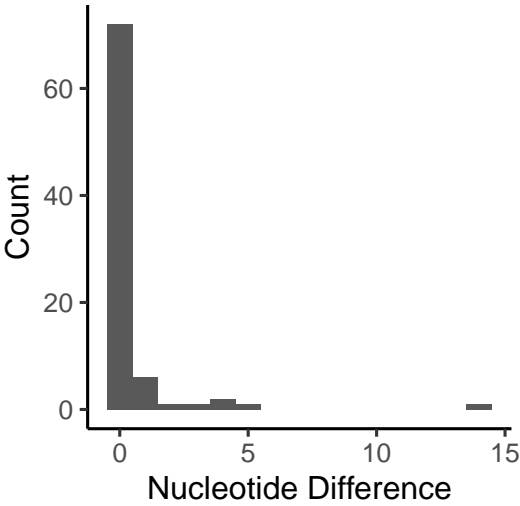
IGLV1–36\*01

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



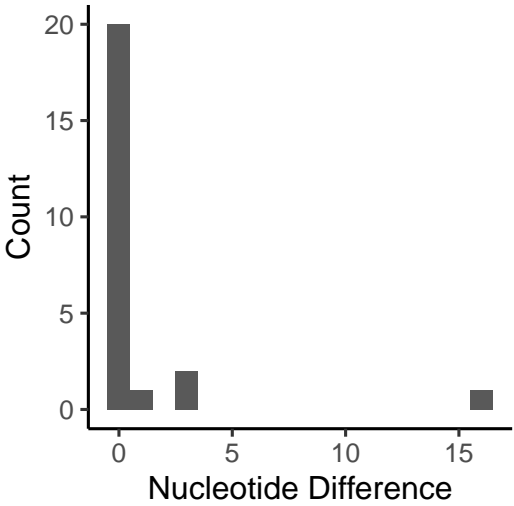
IGLV1–44\*01

84 sequences assigned  
72 (85.7%) exact matches, in which:  
54 unique CDR3  
3 unique J



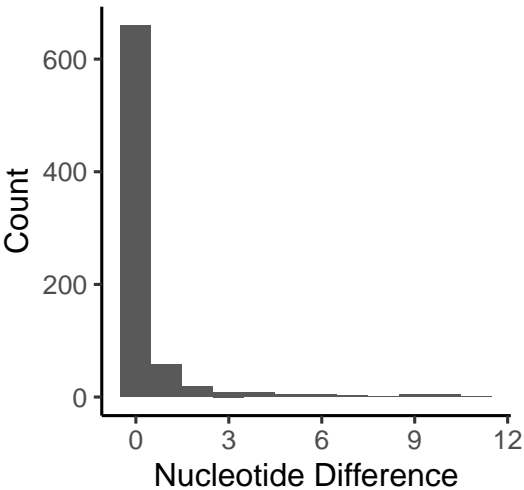
IGLV1–51\*02

24 sequences assigned  
20 (83.3%) exact matches, in which:  
18 unique CDR3  
4 unique J



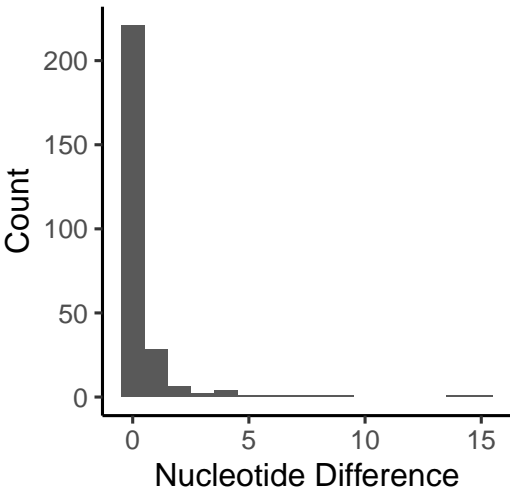
IGLV1–40\*01

776 sequences assigned  
660 (85.1%) exact matches, in which:  
444 unique CDR3  
5 unique J



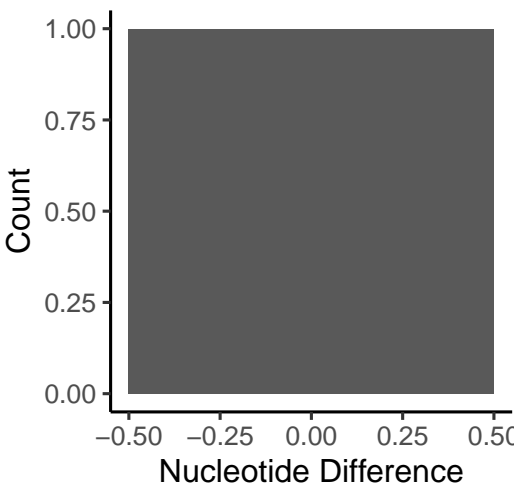
IGLV1–47\*01

268 sequences assigned  
221 (82.5%) exact matches, in which:  
158 unique CDR3  
5 unique J



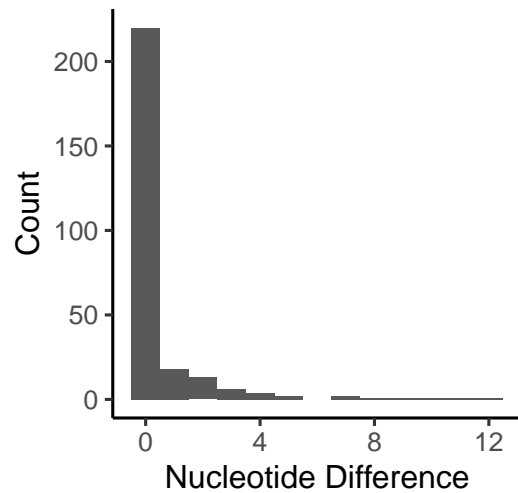
IGLV2–5\*01

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



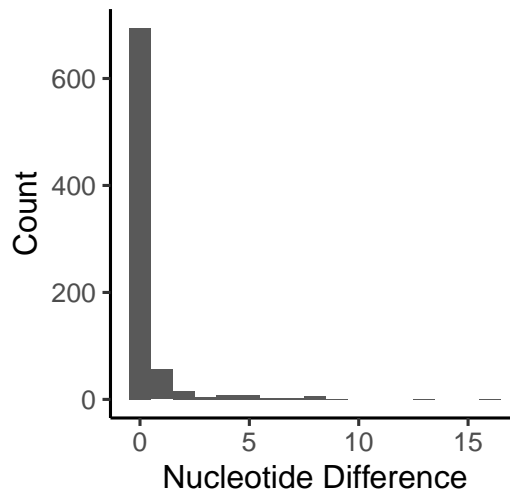
### IGLV2-8\*01

270 sequences assigned  
220 (81.5%) exact matches, in which:  
178 unique CDR3  
3 unique J



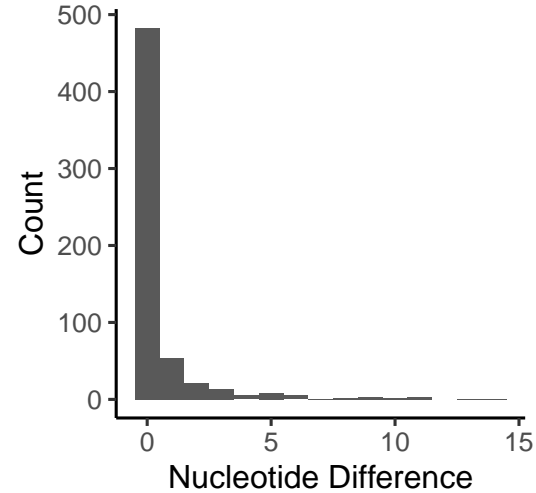
### IGLV2-14\*03EXT3

802 sequences assigned  
695 (86.7%) exact matches, in which:  
480 unique CDR3  
3 unique J



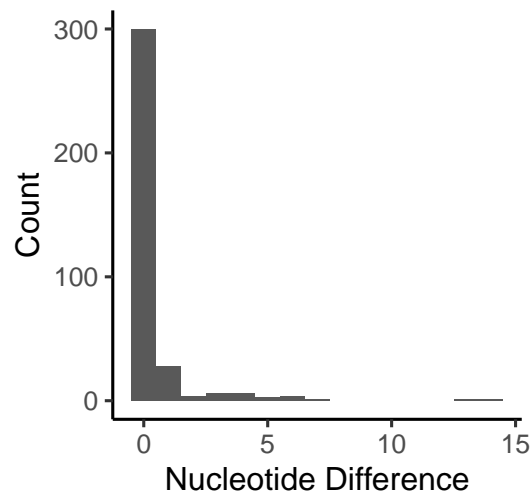
### IGLV2-23\*01\_G170T

603 sequences assigned  
483 (80.1%) exact matches, in which:  
347 unique CDR3  
3 unique J



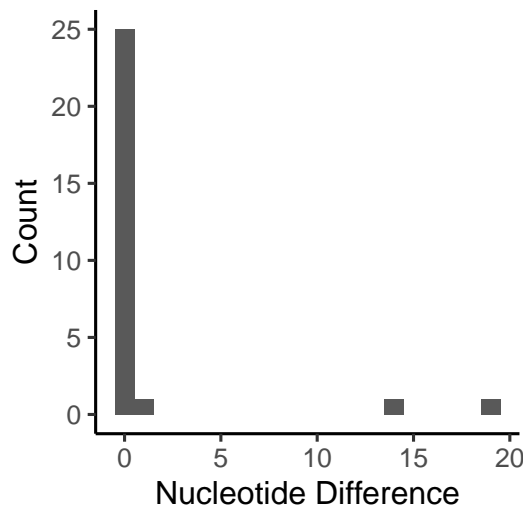
### IGLV2-11\*01

354 sequences assigned  
300 (84.7%) exact matches, in which:  
213 unique CDR3  
3 unique J



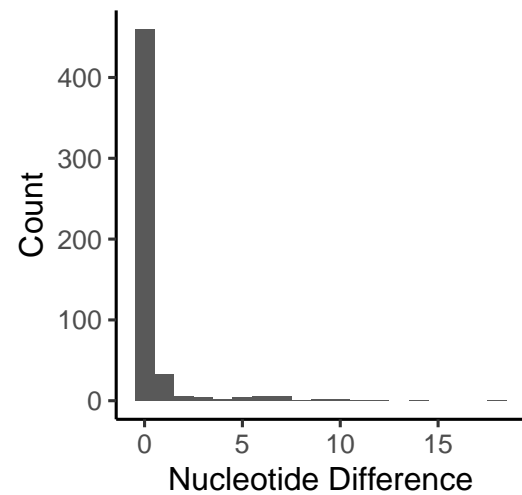
### IGLV2-18\*02

28 sequences assigned  
25 (89.3%) exact matches, in which:  
19 unique CDR3  
3 unique J



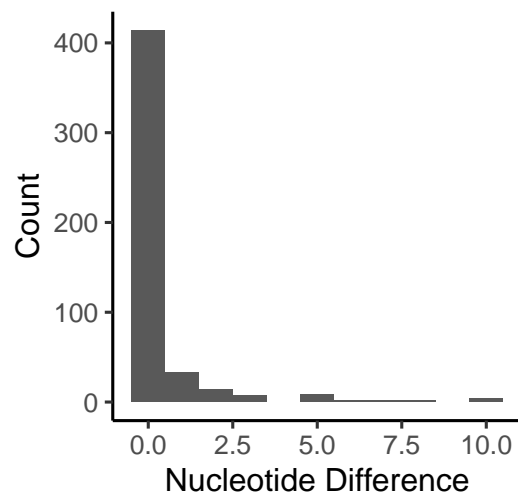
### IGLV3-1\*01

531 sequences assigned  
460 (86.6%) exact matches, in which:  
314 unique CDR3  
4 unique J



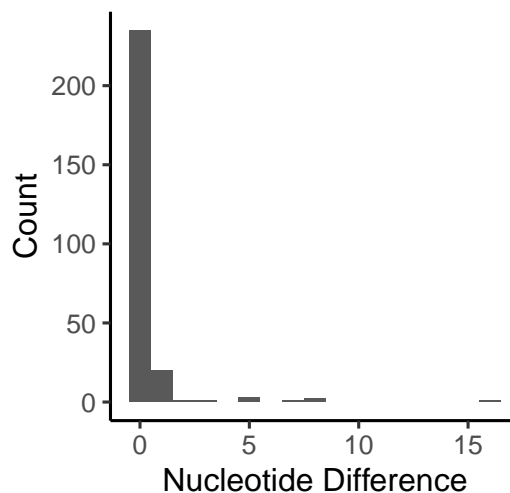
### IGLV2-14\*01

486 sequences assigned  
414 (85.2%) exact matches, in which:  
296 unique CDR3  
3 unique J



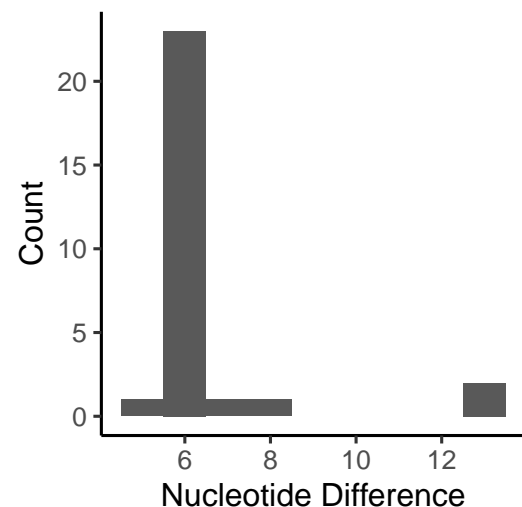
### IGLV2-23\*01

264 sequences assigned  
235 (89%) exact matches, in which:  
175 unique CDR3  
3 unique J



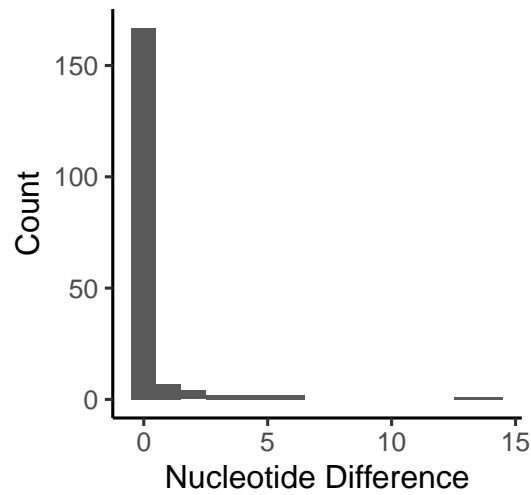
### IGLV3-9\*02

28 sequences assigned  
No exact matches.



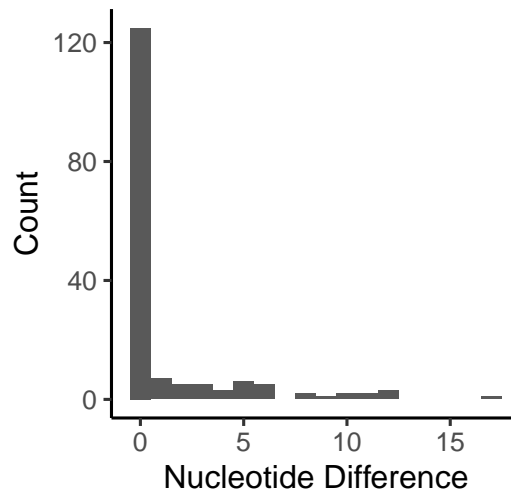
### IGLV3-10\*01

188 sequences assigned  
167 (88.8%) exact matches, in which:  
136 unique CDR3  
3 unique J



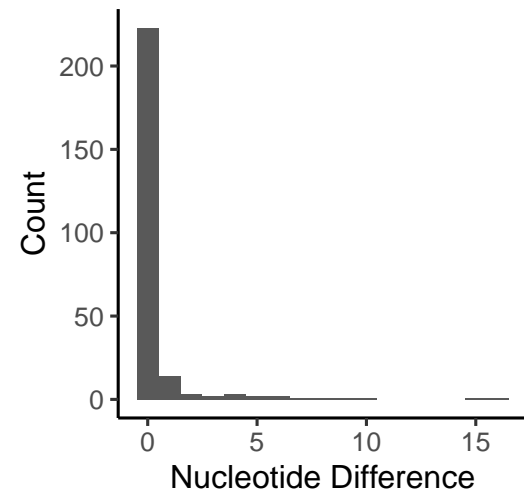
### IGLV3-21\*02

167 sequences assigned  
125 (74.9%) exact matches, in which:  
96 unique CDR3  
3 unique J



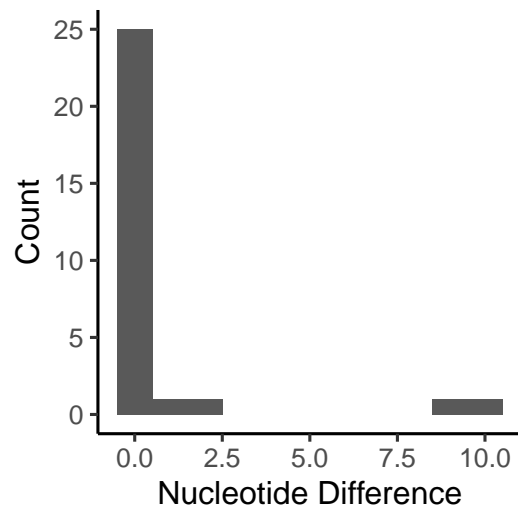
### IGLV3-25\*03

255 sequences assigned  
223 (87.5%) exact matches, in which:  
171 unique CDR3  
3 unique J



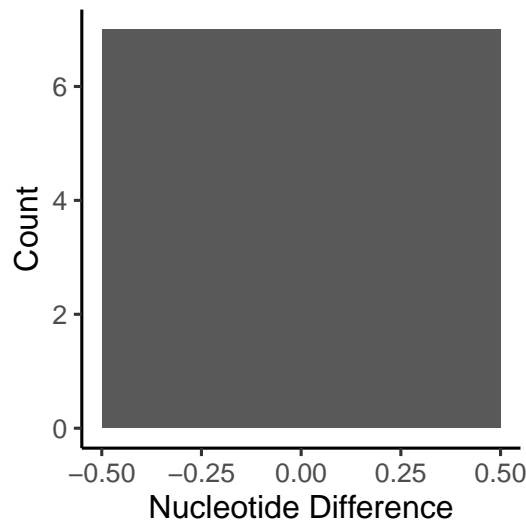
### IGLV3-16\*01

29 sequences assigned  
25 (86.2%) exact matches, in which:  
21 unique CDR3  
4 unique J



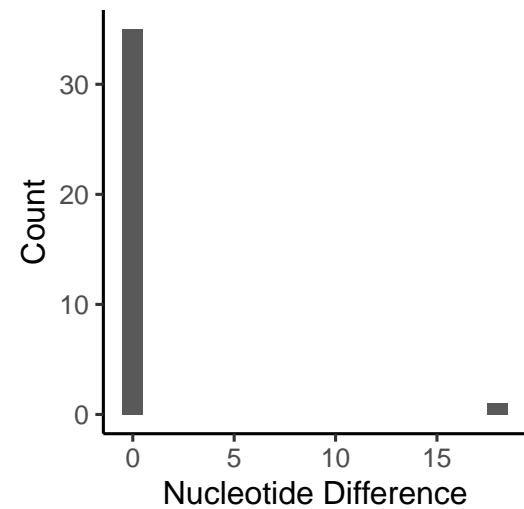
### IGLV3-22\*01

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



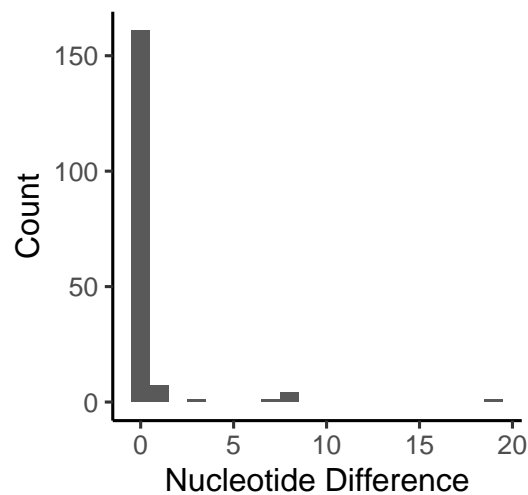
### IGLV3-27\*01

36 sequences assigned  
35 (97.2%) exact matches, in which:  
33 unique CDR3  
3 unique J



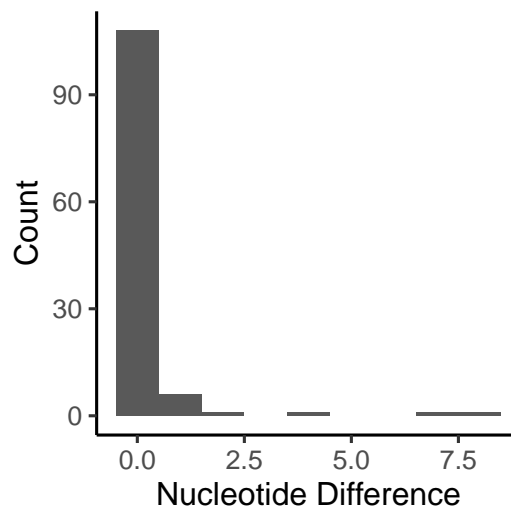
### IGLV3-19\*01

176 sequences assigned  
161 (91.5%) exact matches, in which:  
131 unique CDR3  
4 unique J



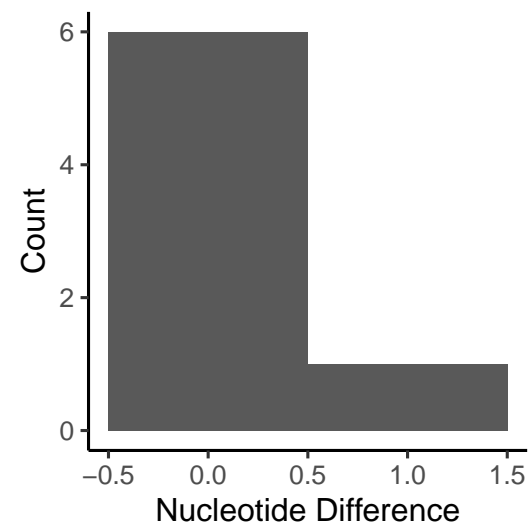
### IGLV3-25\*02

118 sequences assigned  
108 (91.5%) exact matches, in which:  
79 unique CDR3  
3 unique J



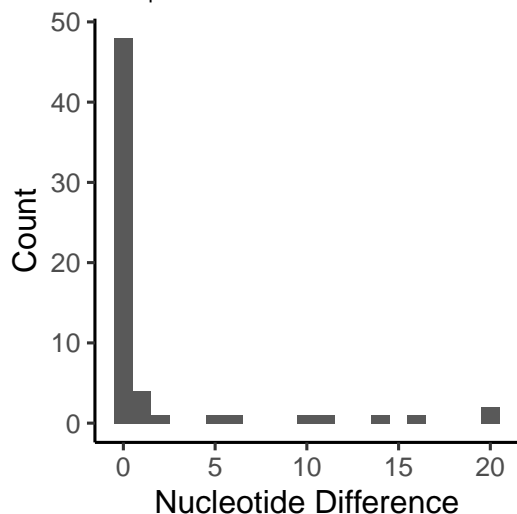
### IGLV4-60\*02

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



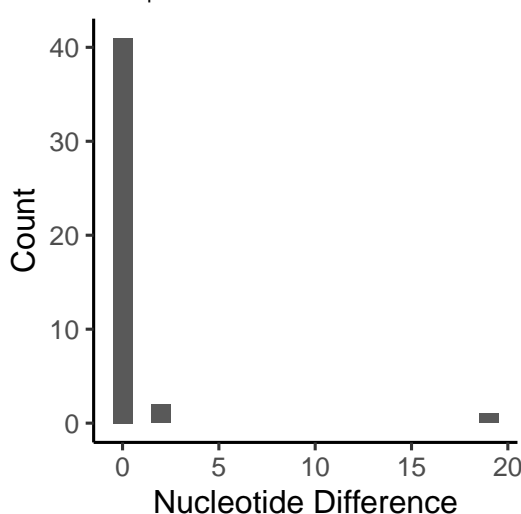
### IGLV4-69\*01

61 sequences assigned  
48 (78.7%) exact matches, in which:  
41 unique CDR3  
4 unique J



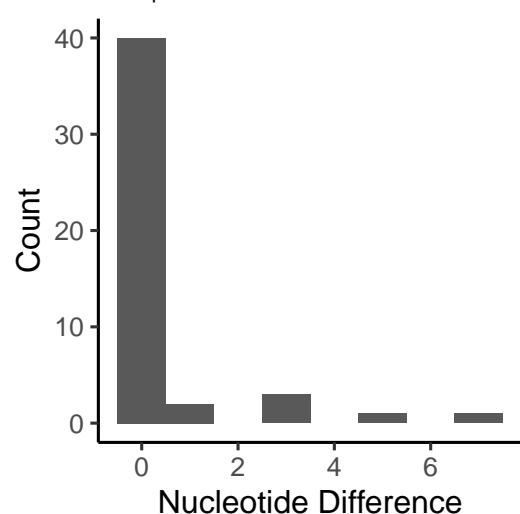
### IGLV5-45\*01

44 sequences assigned  
41 (93.2%) exact matches, in which:  
23 unique CDR3  
3 unique J



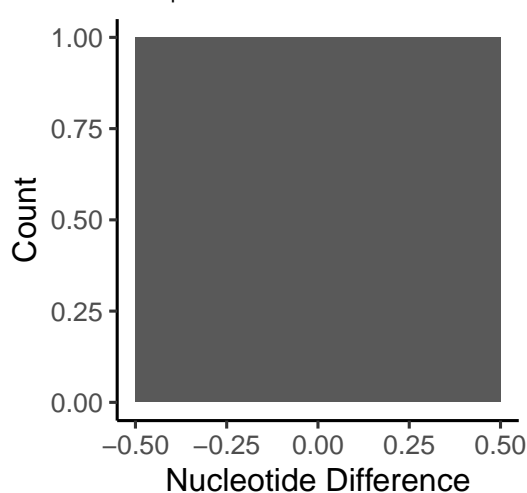
### IGLV7-43\*01

47 sequences assigned  
40 (85.1%) exact matches, in which:  
35 unique CDR3  
3 unique J



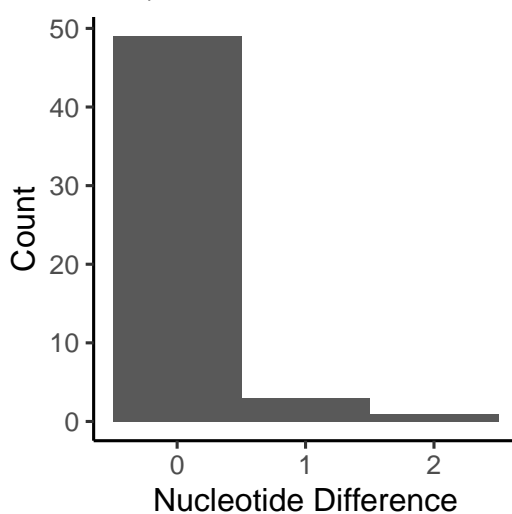
### IGLV5-37\*01

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



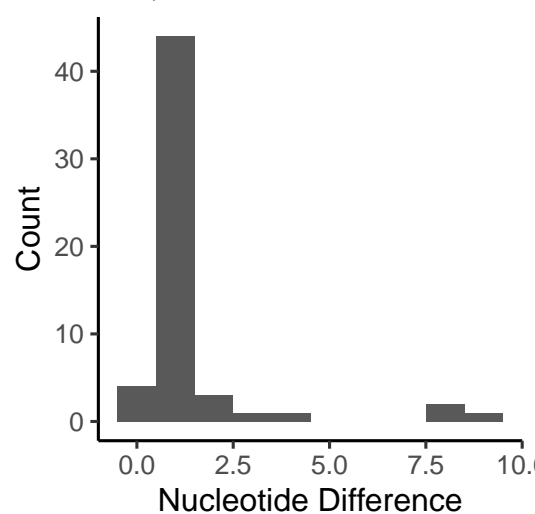
### IGLV6-57\*01

53 sequences assigned  
49 (92.5%) exact matches, in which:  
40 unique CDR3  
3 unique J



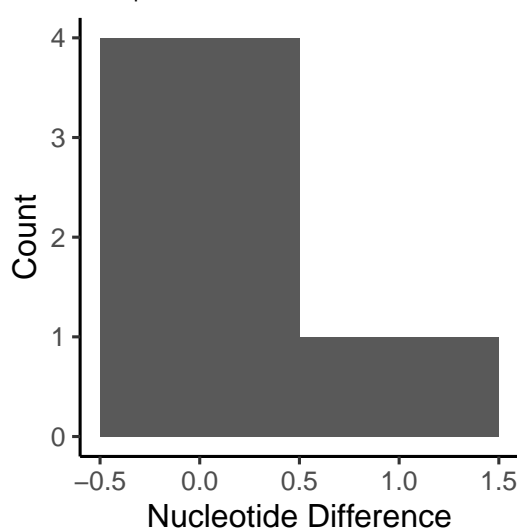
### IGLV7-46\*01\_A213G

56 sequences assigned  
4 (7.1%) exact matches, in which:  
3 unique CDR3  
1 unique J



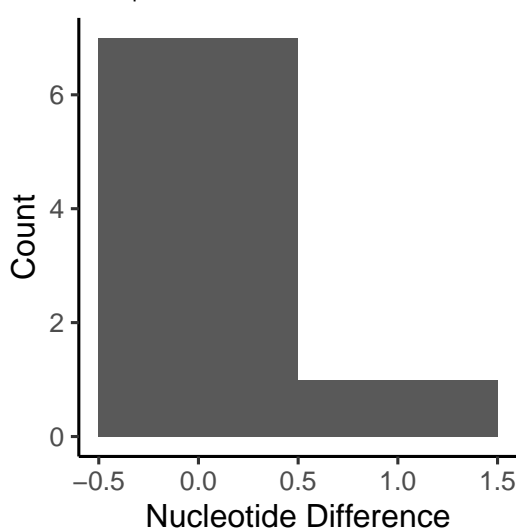
### IGLV5-39\*01

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



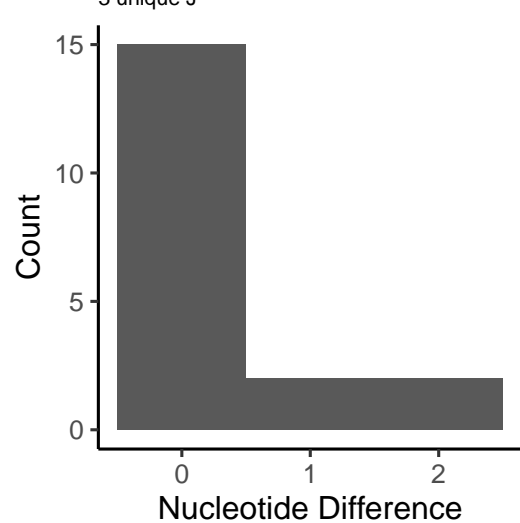
### IGLV6-57\*02

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



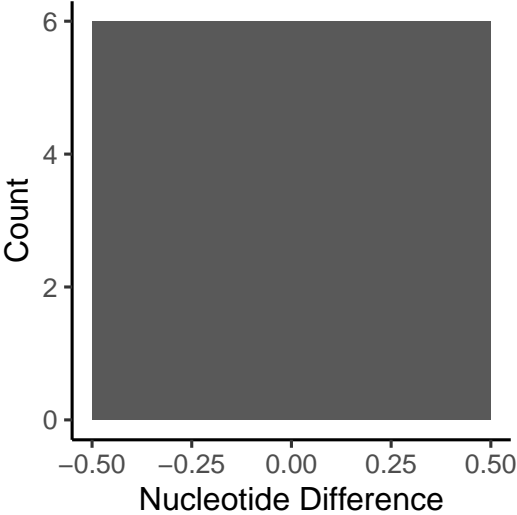
### IGLV8-61\*01

19 sequences assigned  
15 (78.9%) exact matches, in which:  
13 unique CDR3  
3 unique J

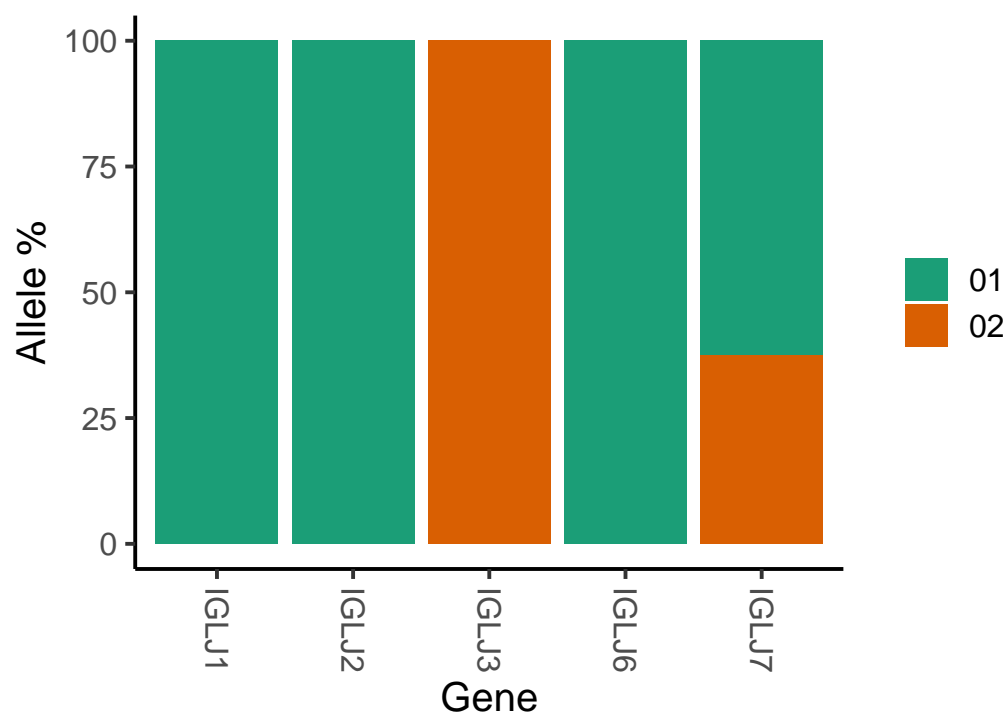


IGLV9-49\*01

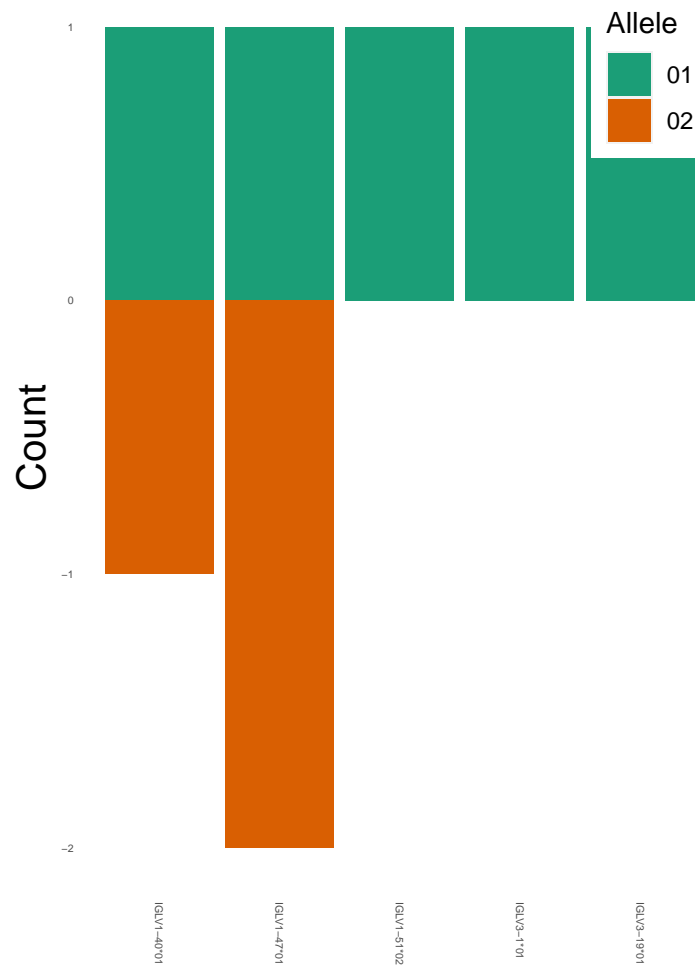
6 sequences assigned  
6 (100%) exact matches, in which:  
6 unique CDR3  
2 unique J



Allele Usage



Sequence Count by IGLJ7 allele usage



Warning – no inferred sequences found.