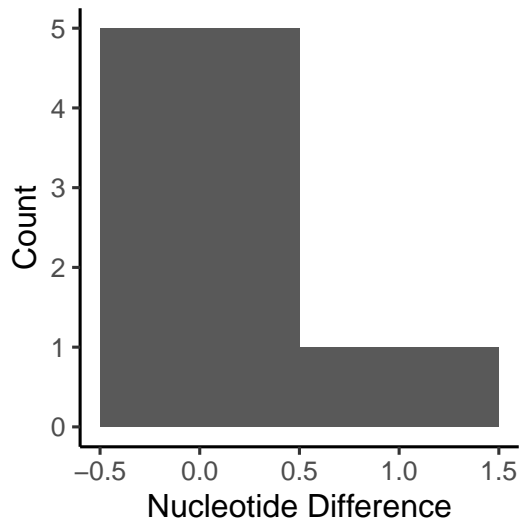


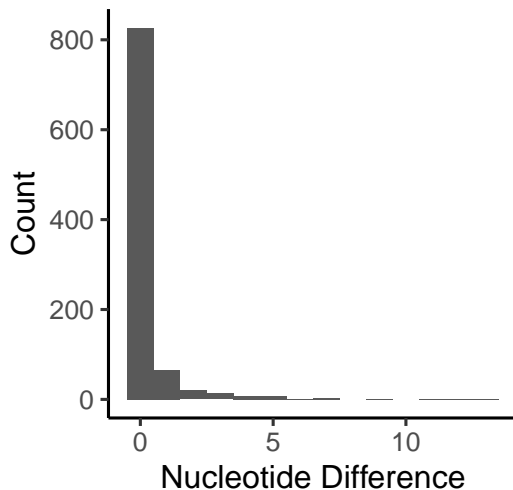
IGLV10-54*01

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



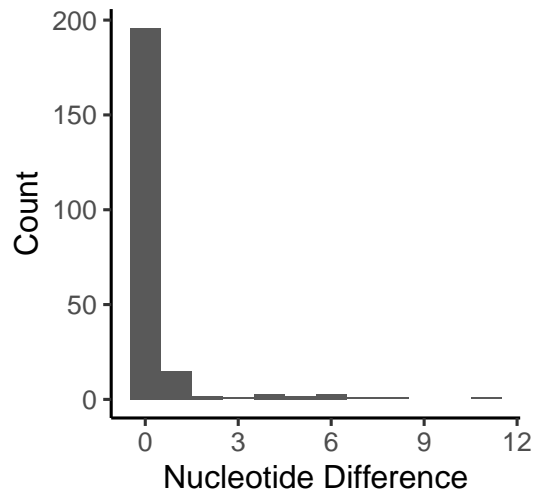
IGLV1-40*01

949 sequences assigned
827 (87.1%) exact matches, in which:
528 unique CDR3
5 unique J



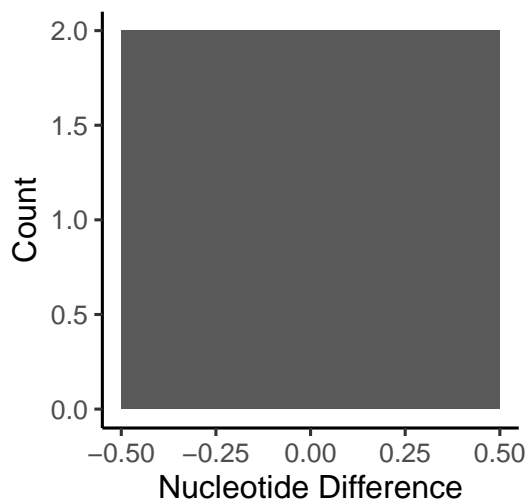
IGLV1-47*01

225 sequences assigned
196 (87.1%) exact matches, in which:
148 unique CDR3
4 unique J



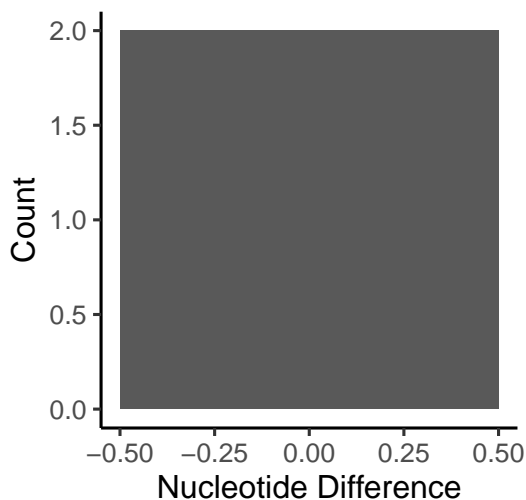
IGLV10-54*02

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



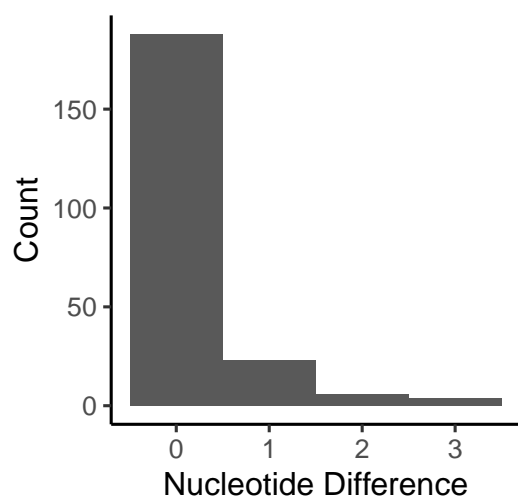
IGLV1-41*01

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



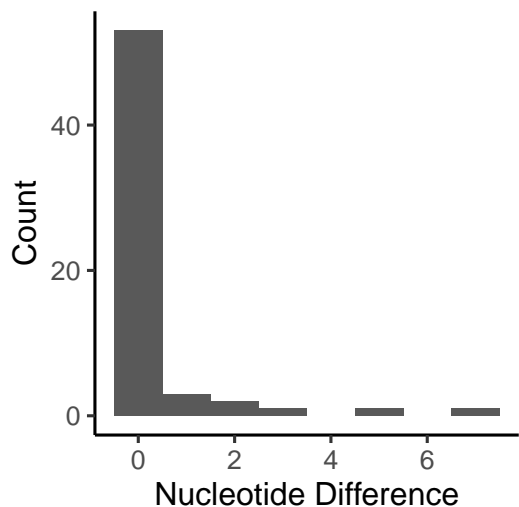
IGLV1-47*02

222 sequences assigned
188 (84.7%) exact matches, in which:
150 unique CDR3
4 unique J



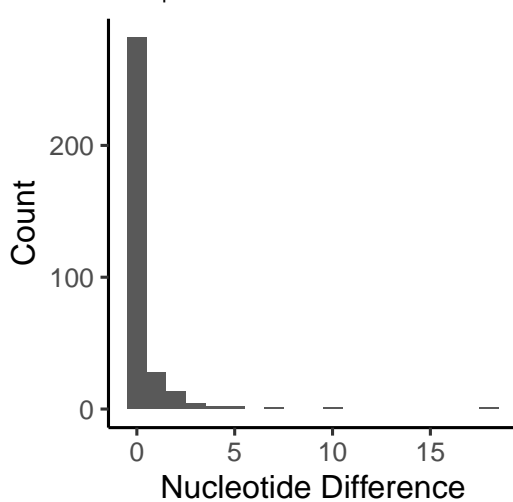
IGLV1-36*01

62 sequences assigned
53 (85.5%) exact matches, in which:
36 unique CDR3
3 unique J



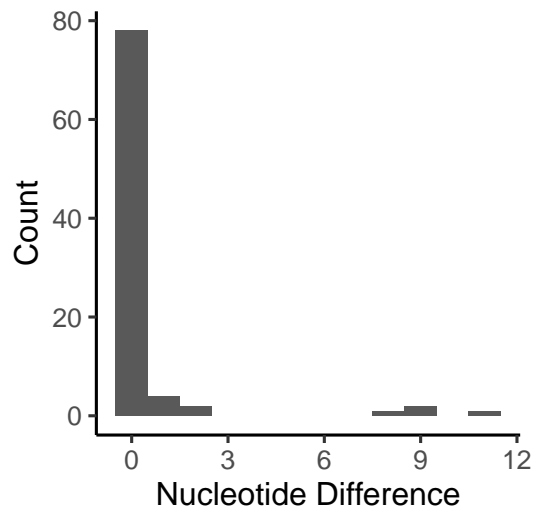
IGLV1-44*01

334 sequences assigned
282 (84.4%) exact matches, in which:
196 unique CDR3
3 unique J



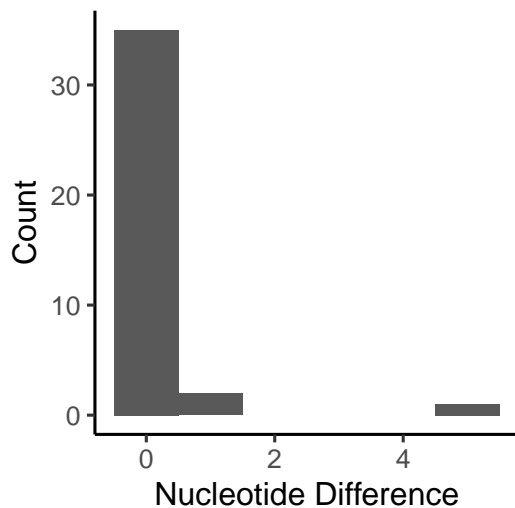
IGLV1-51*01

88 sequences assigned
78 (88.6%) exact matches, in which:
57 unique CDR3
4 unique J



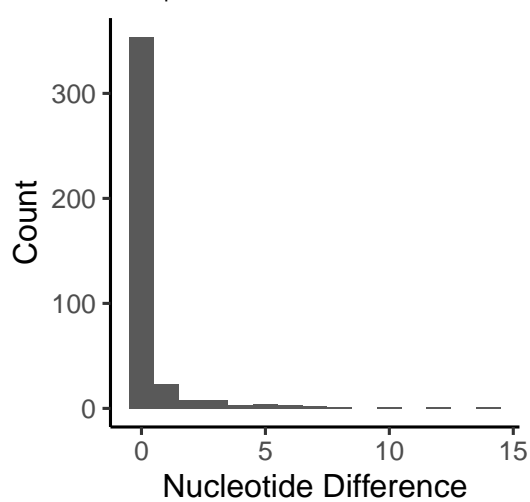
IGLV1-51*02

38 sequences assigned
35 (92.1%) exact matches, in which:
28 unique CDR3
3 unique J



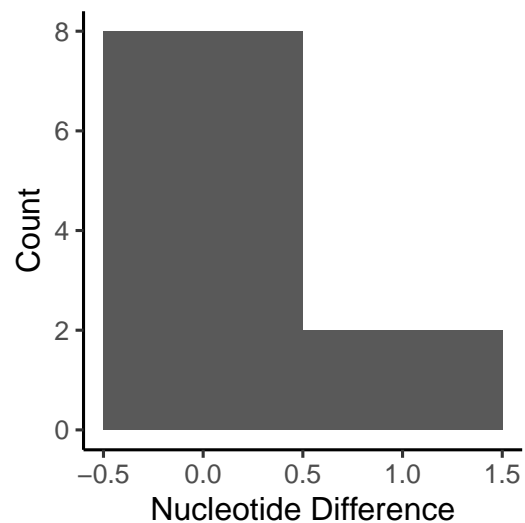
IGLV2-11*01

409 sequences assigned
354 (86.6%) exact matches, in which:
279 unique CDR3
3 unique J



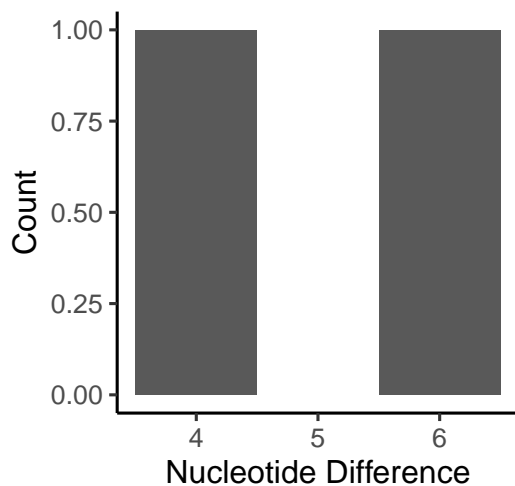
IGLV2-18*01

10 sequences assigned
8 (80%) exact matches, in which:
7 unique CDR3
2 unique J



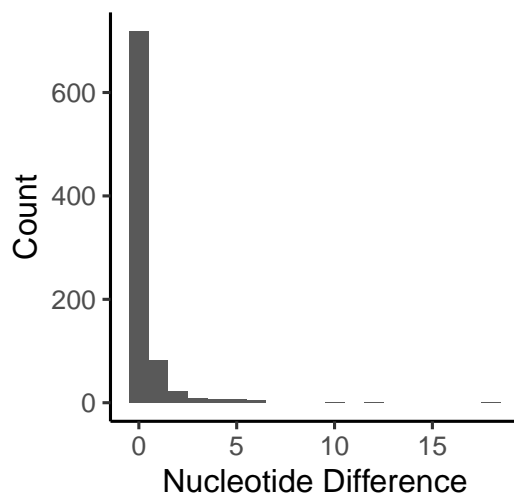
IGLV2-5*02

2 sequences assigned
No exact matches.



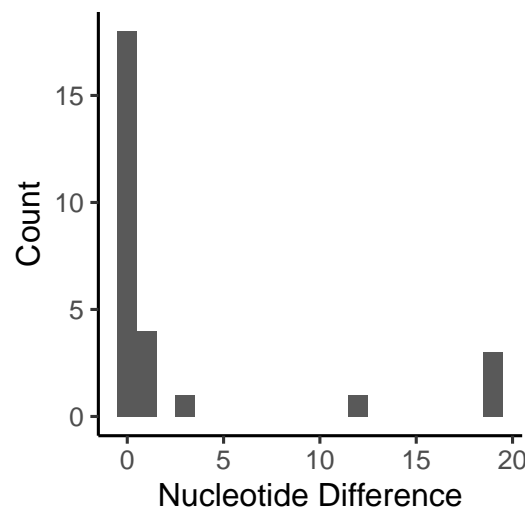
IGLV2-14*01

855 sequences assigned
719 (84.1%) exact matches, in which:
520 unique CDR3
4 unique J



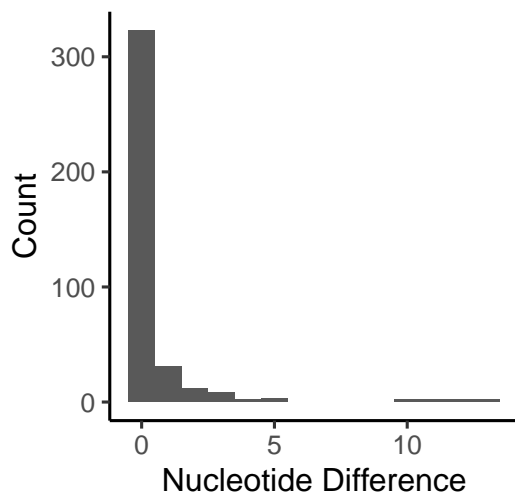
IGLV2-18*02

27 sequences assigned
18 (66.7%) exact matches, in which:
16 unique CDR3
3 unique J



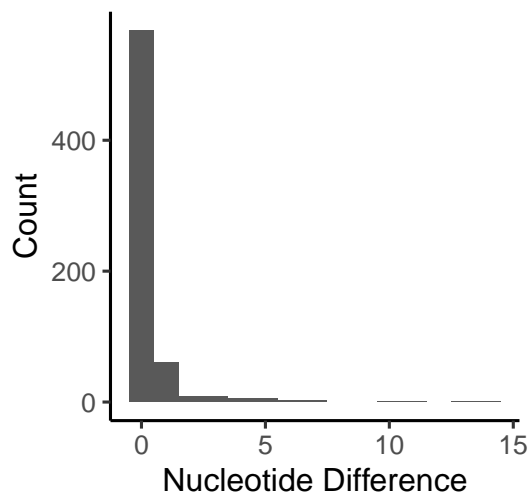
IGLV2-8*01

387 sequences assigned
323 (83.5%) exact matches, in which:
260 unique CDR3
3 unique J



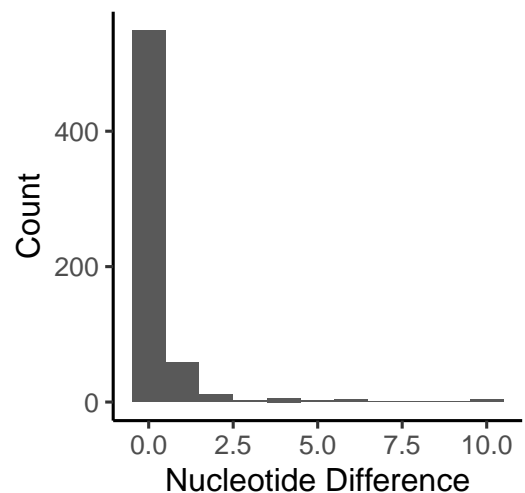
IGLV2-14*03EXT3

669 sequences assigned
568 (84.9%) exact matches, in which:
416 unique CDR3
3 unique J



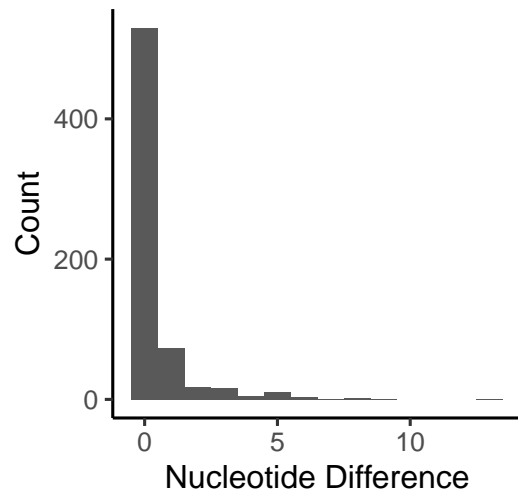
IGLV2-23*01

640 sequences assigned
549 (85.8%) exact matches, in which:
397 unique CDR3
3 unique J



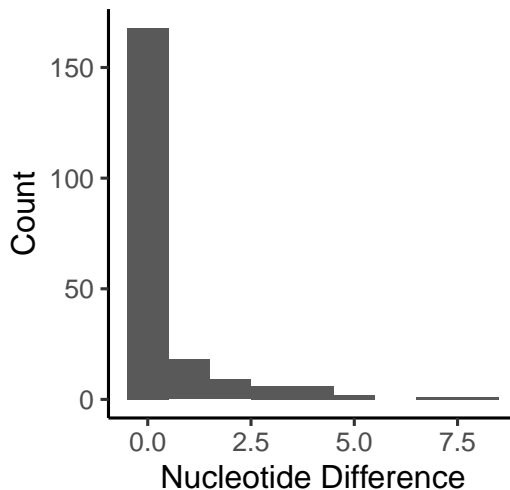
IGLV2-23*01_G170T

661 sequences assigned
530 (80.2%) exact matches, in which:
367 unique CDR3
3 unique J



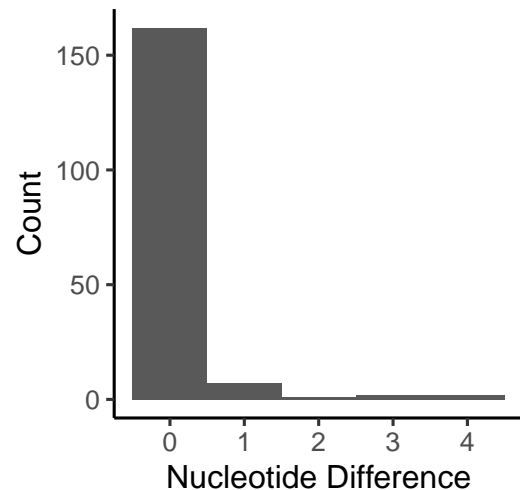
IGLV3-10*01

212 sequences assigned
168 (79.2%) exact matches, in which:
141 unique CDR3
3 unique J



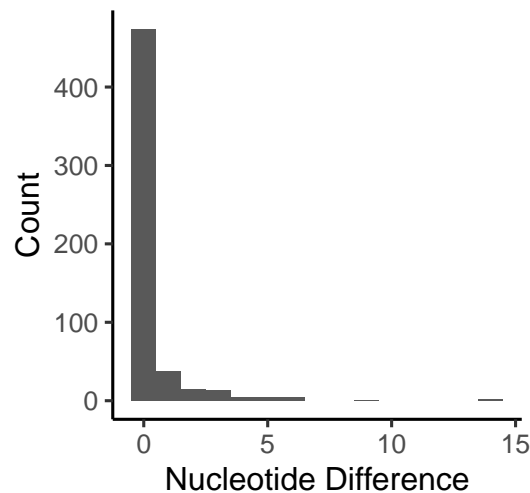
IGLV3-19*01

174 sequences assigned
162 (93.1%) exact matches, in which:
127 unique CDR3
3 unique J



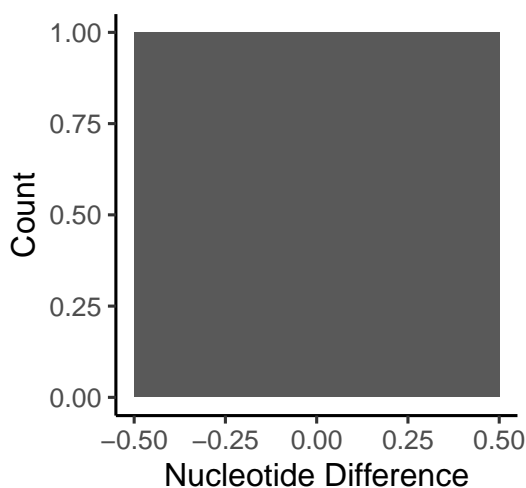
IGLV3-1*01

556 sequences assigned
474 (85.3%) exact matches, in which:
327 unique CDR3
3 unique J



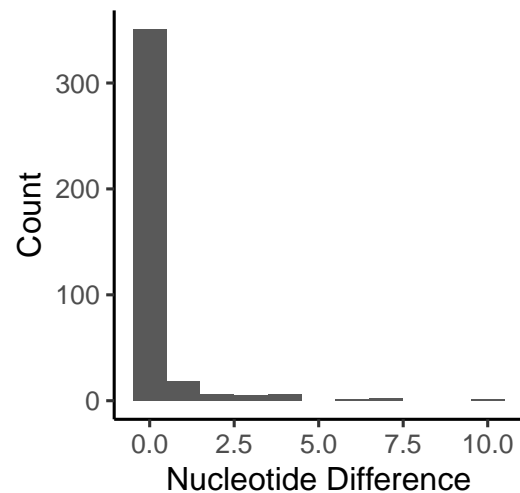
IGLV3-12*02

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



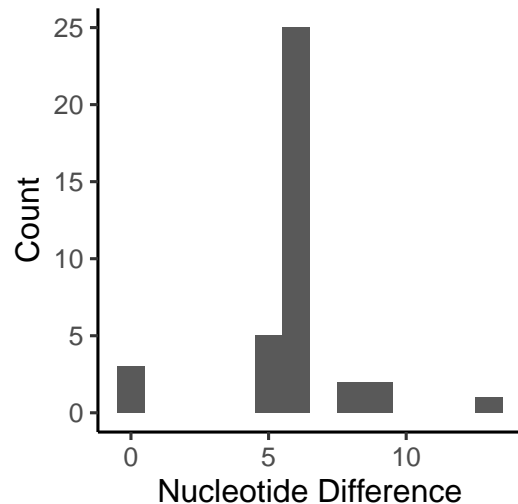
IGLV3-21*02

390 sequences assigned
351 (90%) exact matches, in which:
253 unique CDR3
4 unique J



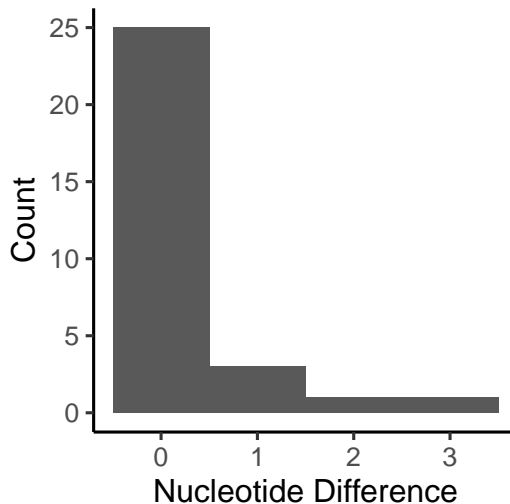
IGLV3-9*02

38 sequences assigned
3 (7.9%) exact matches, in which:
3 unique CDR3
2 unique J



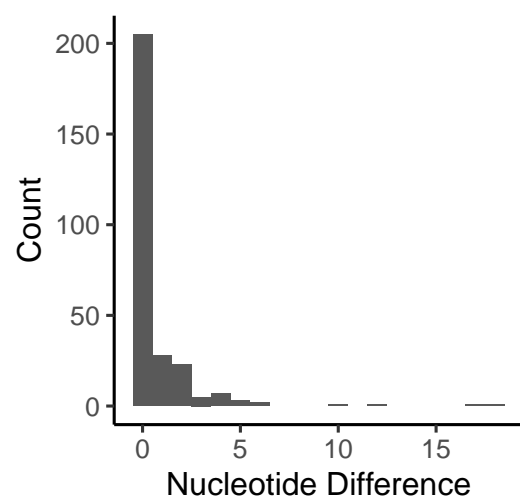
IGLV3-16*01

30 sequences assigned
25 (83.3%) exact matches, in which:
22 unique CDR3
3 unique J



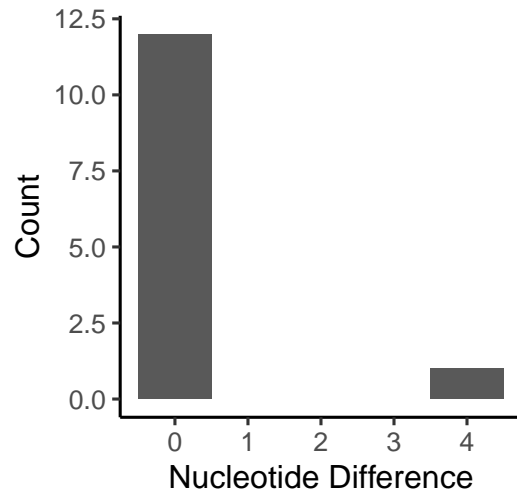
IGLV3-21*04

277 sequences assigned
205 (74%) exact matches, in which:
162 unique CDR3
3 unique J



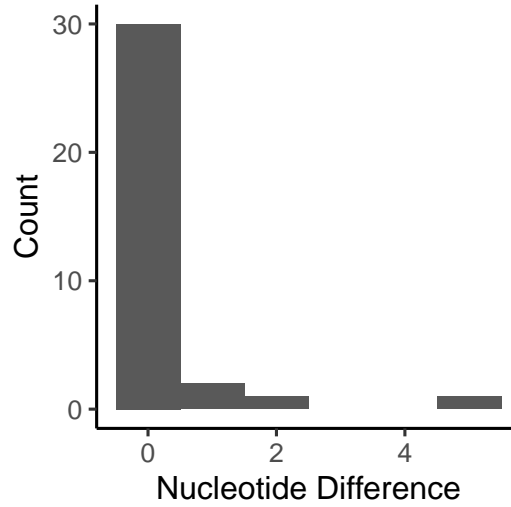
IGLV3-22*01

13 sequences assigned
12 (92.3%) exact matches, in which:
10 unique CDR3
3 unique J



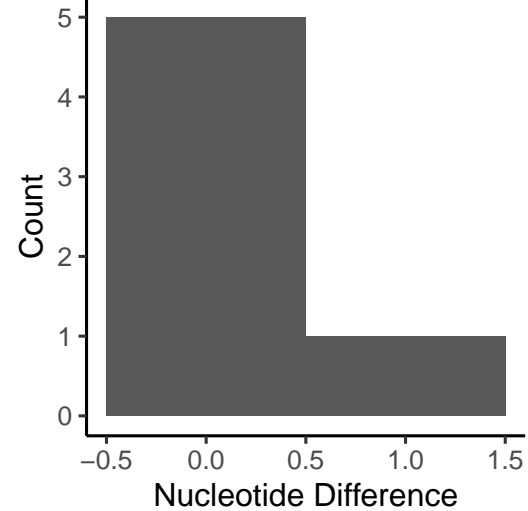
IGLV3-27*01

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



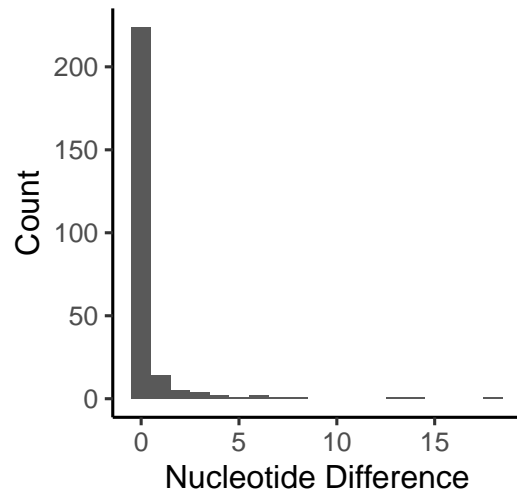
IGLV5-39*01

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



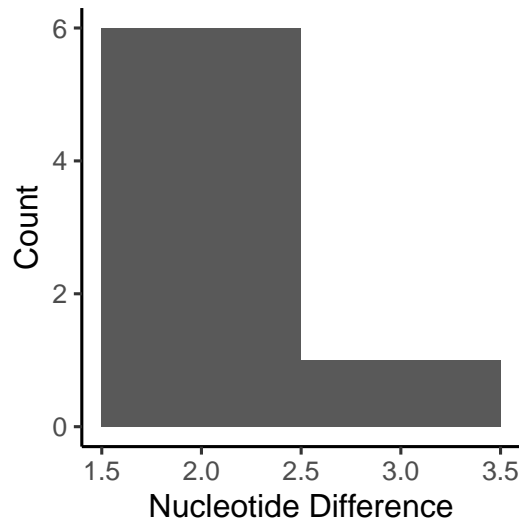
IGLV3-25*02

257 sequences assigned
224 (87.2%) exact matches, in which:
180 unique CDR3
4 unique J



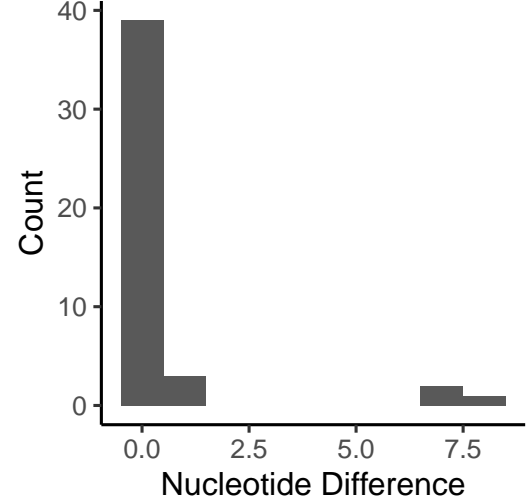
IGLV4-60*02

7 sequences assigned
No exact matches.



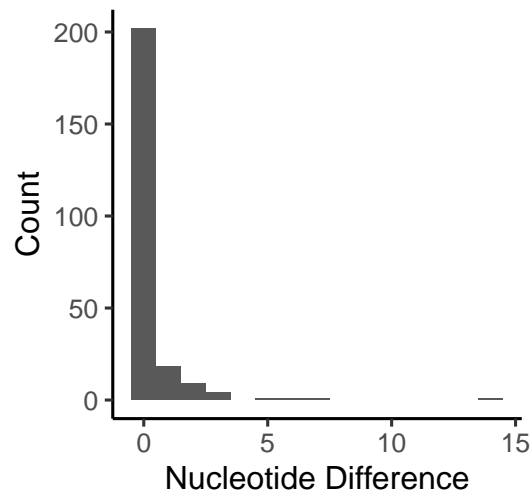
IGLV5-45*01

45 sequences assigned
39 (86.7%) exact matches, in which:
32 unique CDR3
3 unique J



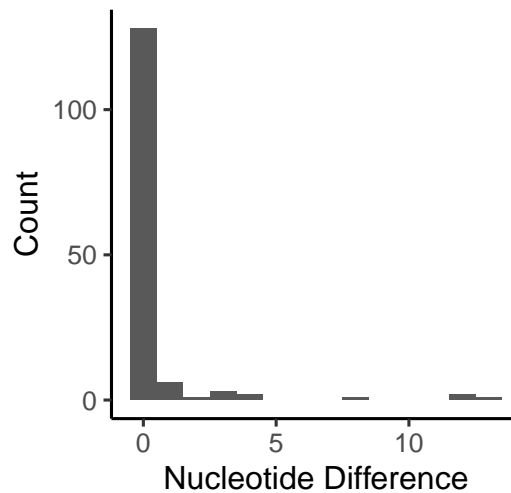
IGLV3-25*03

237 sequences assigned
202 (85.2%) exact matches, in which:
166 unique CDR3
3 unique J



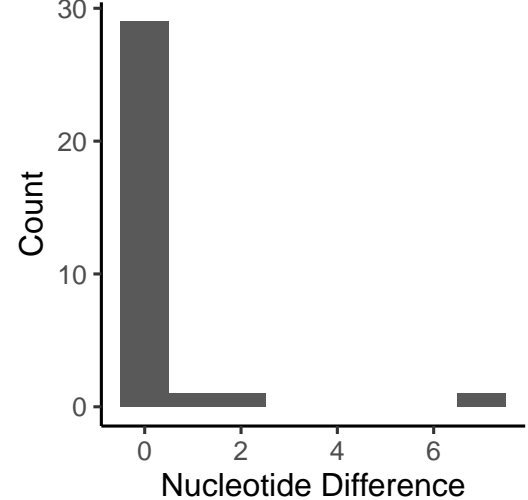
IGLV4-69*01

144 sequences assigned
128 (88.9%) exact matches, in which:
99 unique CDR3
3 unique J



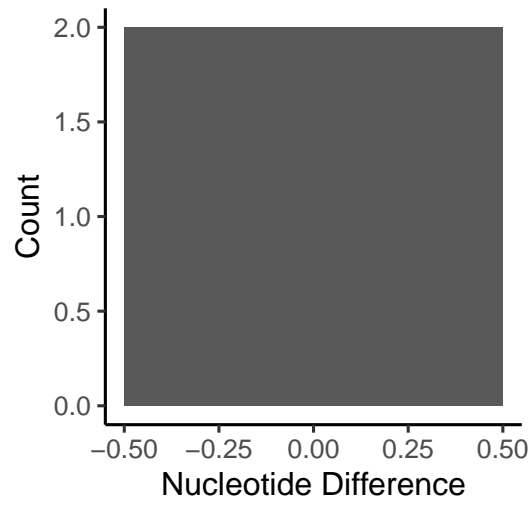
IGLV5-45*03

32 sequences assigned
29 (90.6%) exact matches, in which:
20 unique CDR3
3 unique J



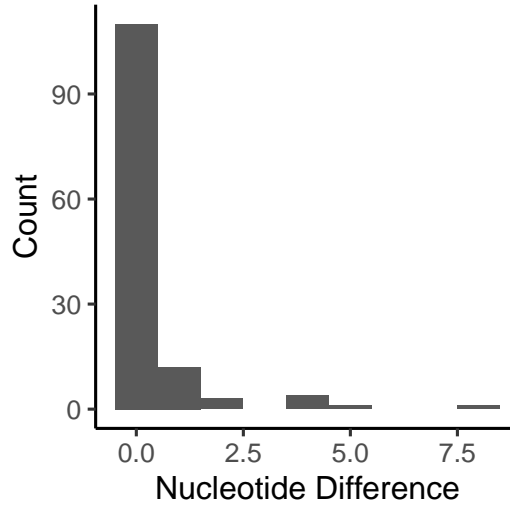
IGLV5-48*01

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



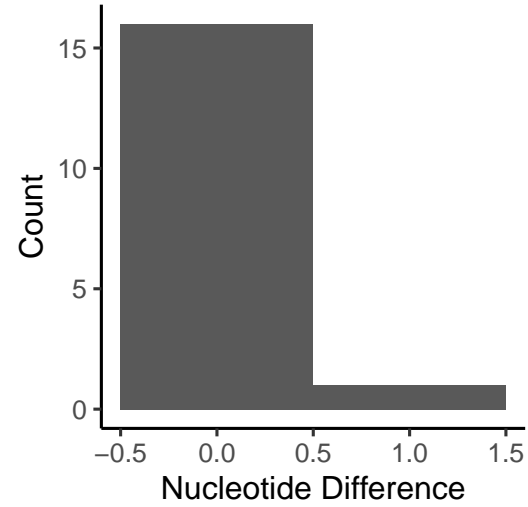
IGLV6-57*03

131 sequences assigned
110 (84%) exact matches, in which:
93 unique CDR3
4 unique J



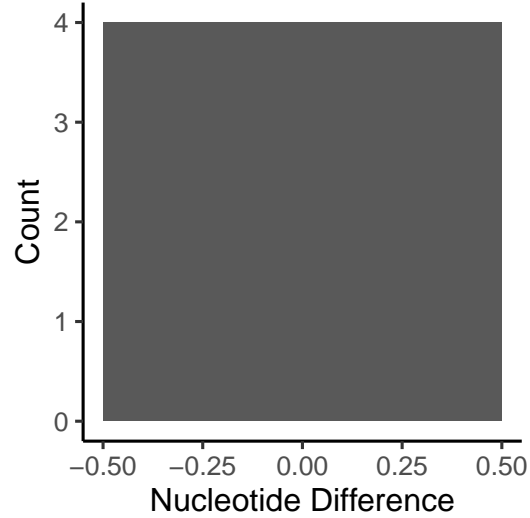
IGLV8-61*01

17 sequences assigned
16 (94.1%) exact matches, in which:
13 unique CDR3
2 unique J



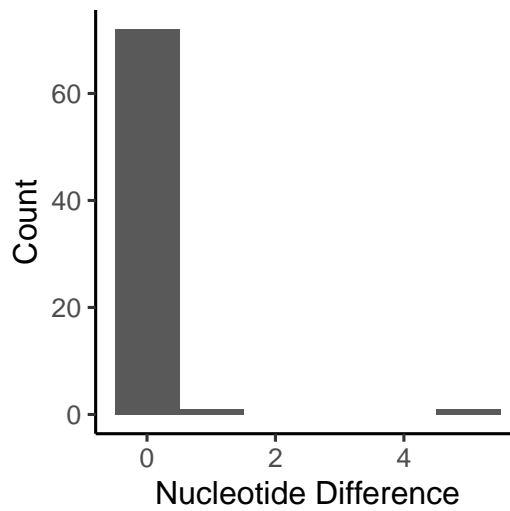
IGLV5-52*01

4 sequences assigned
4 (100%) exact matches, in which:
4 unique CDR3
2 unique J



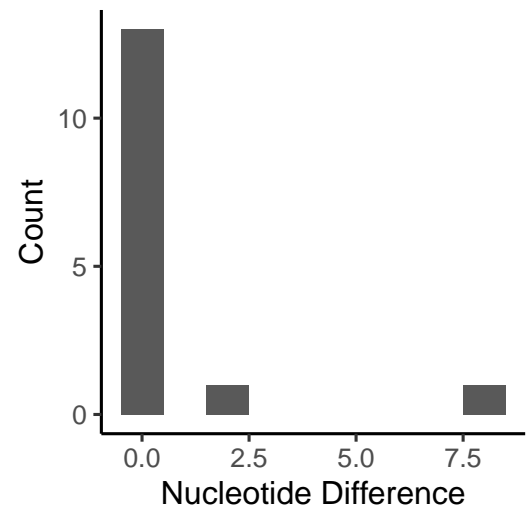
IGLV7-43*01

74 sequences assigned
72 (97.3%) exact matches, in which:
58 unique CDR3
3 unique J



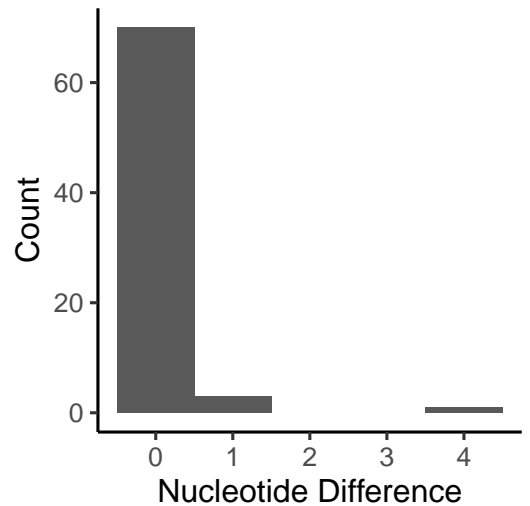
IGLV9-49*01

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



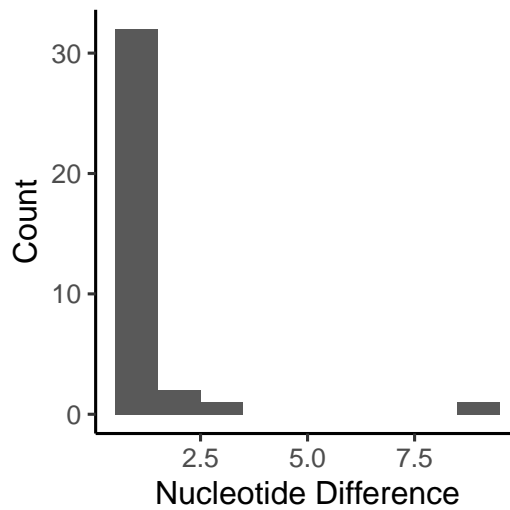
IGLV6-57*02

74 sequences assigned
70 (94.6%) exact matches, in which:
60 unique CDR3
4 unique J

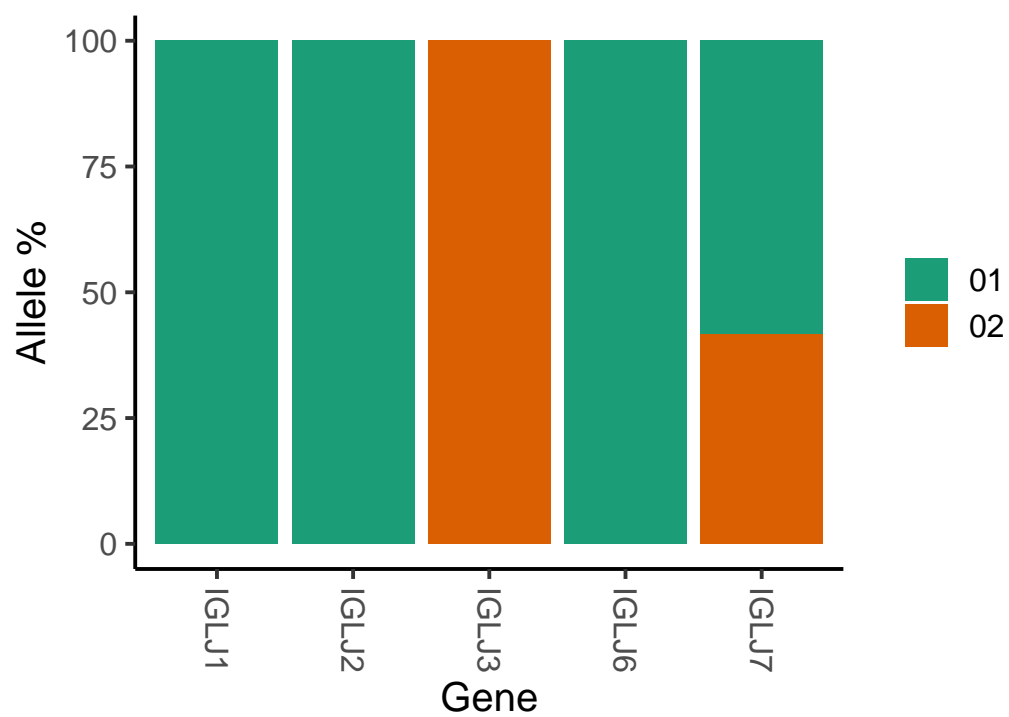


IGLV7-46*01

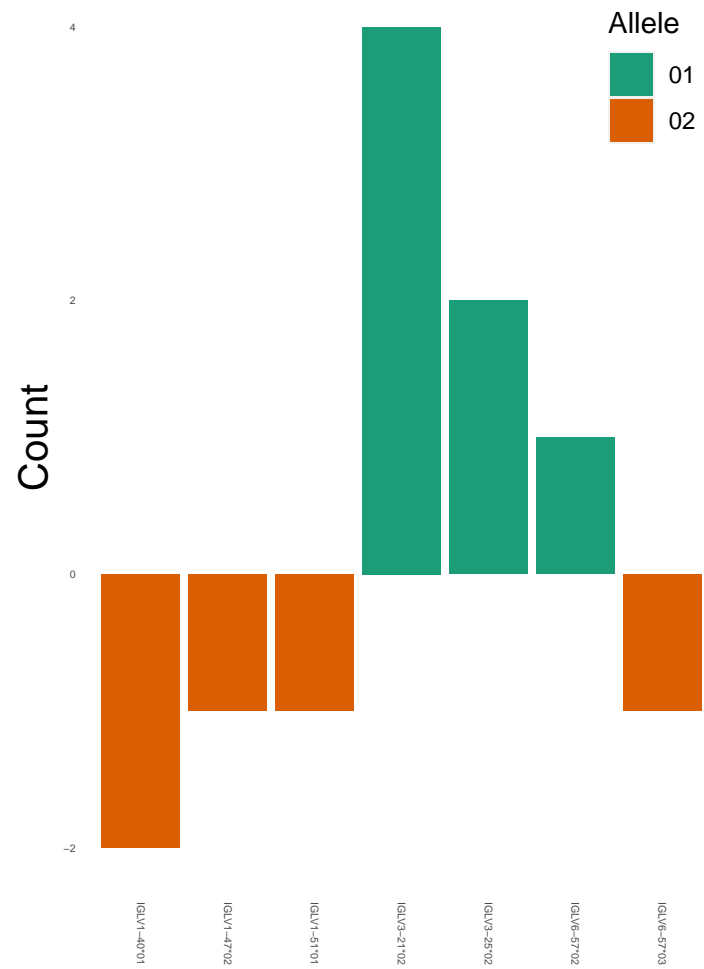
36 sequences assigned
No exact matches.



Allele Usage



Sequence Count by IGLJ7 allele usage



Warning – no inferred sequences found.