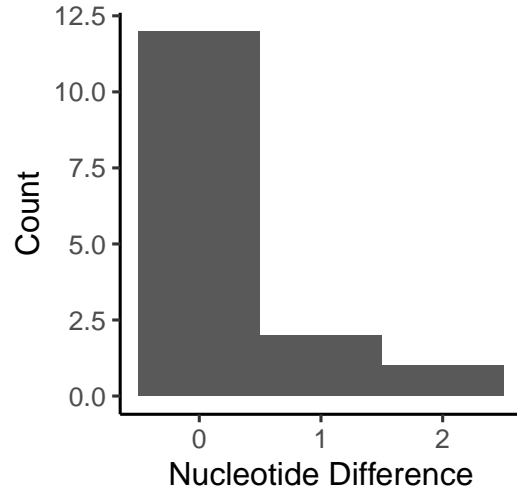


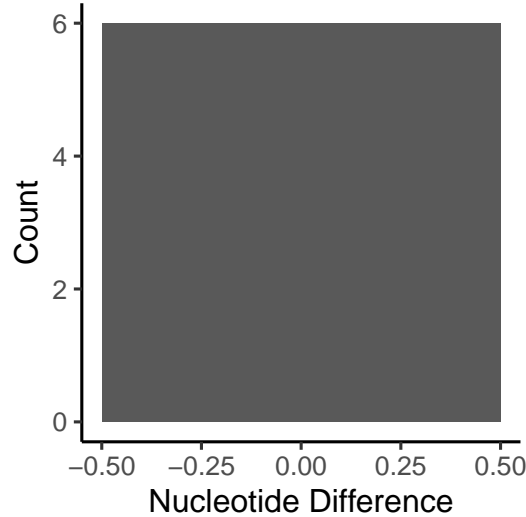
IGLV10-54*01

15 sequences assigned
12 (80%) exact matches, in which:
11 unique CDR3
2 unique J



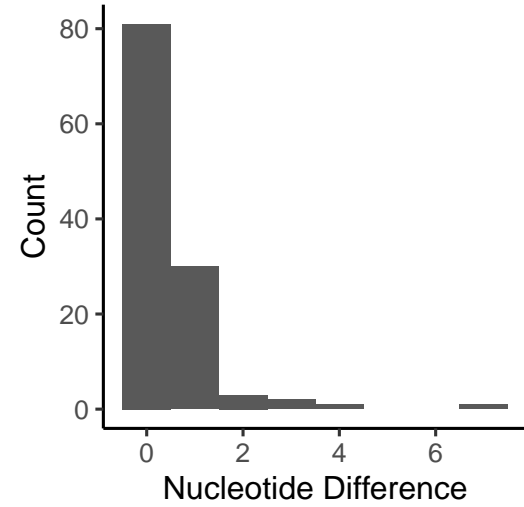
IGLV1-41*01

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



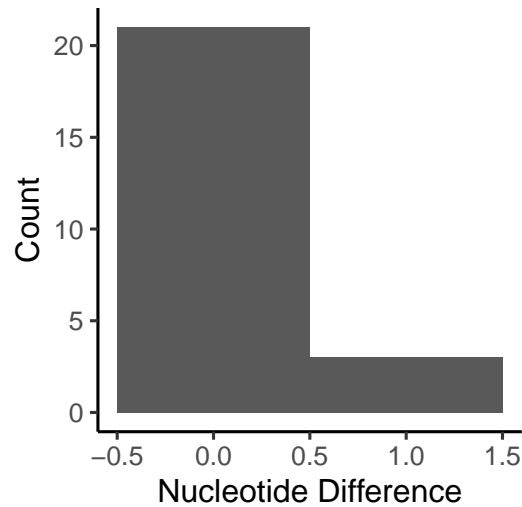
IGLV1-47*02

118 sequences assigned
81 (68.6%) exact matches, in which:
77 unique CDR3
2 unique J



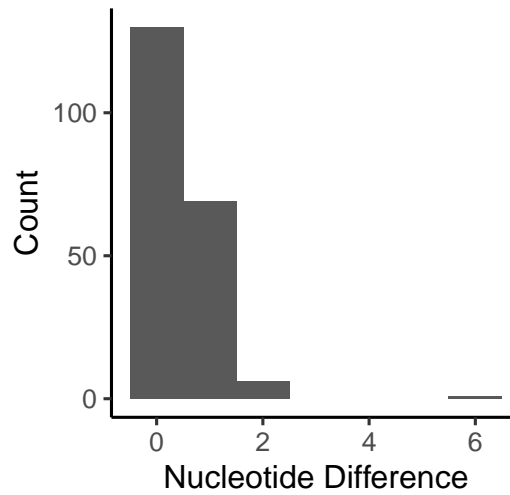
IGLV1-36*01

24 sequences assigned
21 (87.5%) exact matches, in which:
18 unique CDR3
2 unique J



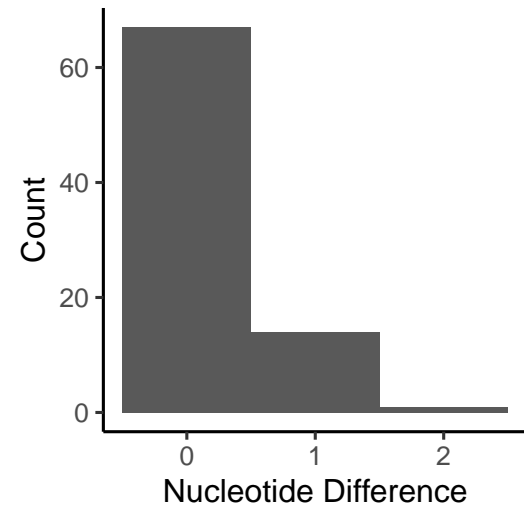
IGLV1-44*01

206 sequences assigned
130 (63.1%) exact matches, in which:
103 unique CDR3
3 unique J



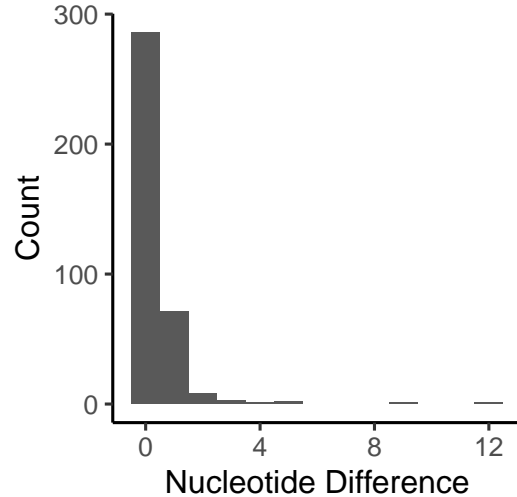
IGLV1-51*01

82 sequences assigned
67 (81.7%) exact matches, in which:
50 unique CDR3
2 unique J



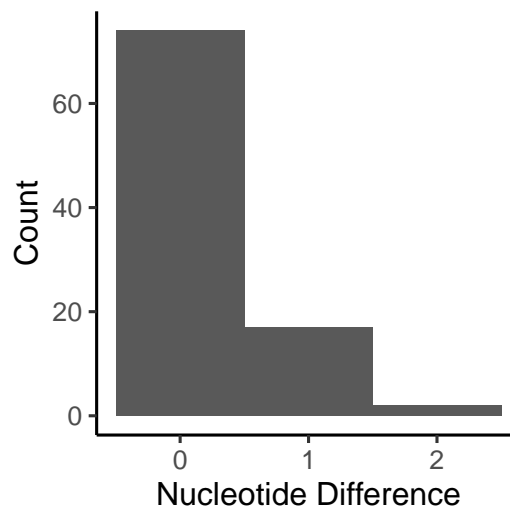
IGLV1-40*01

373 sequences assigned
286 (76.7%) exact matches, in which:
253 unique CDR3
3 unique J



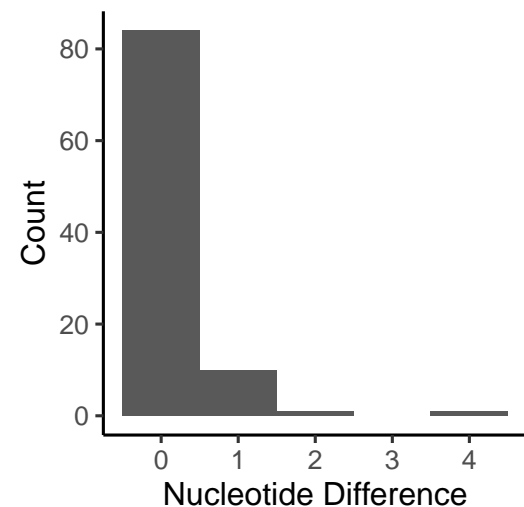
IGLV1-47*01

93 sequences assigned
74 (79.6%) exact matches, in which:
66 unique CDR3
3 unique J



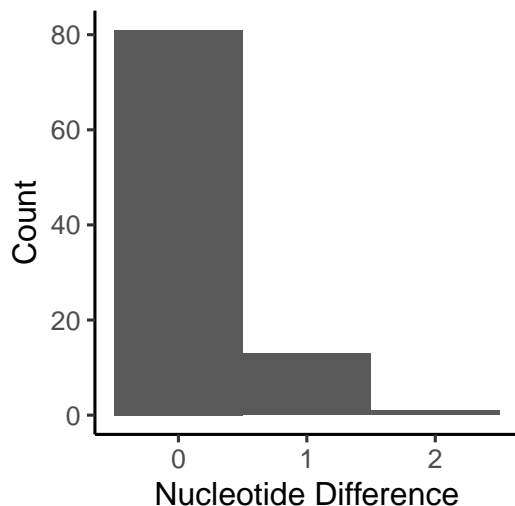
IGLV1-51*02

96 sequences assigned
84 (87.5%) exact matches, in which:
73 unique CDR3
3 unique J



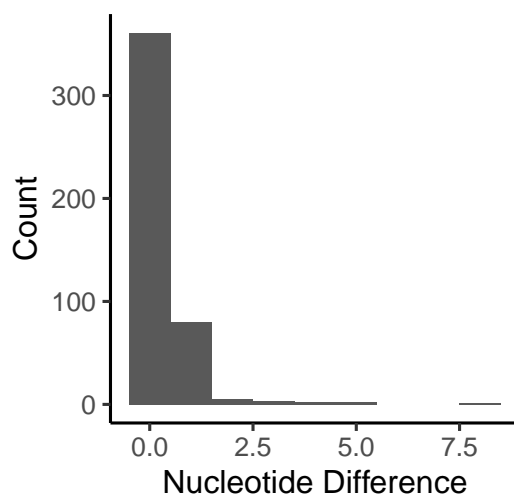
IGLV2-8*01

95 sequences assigned
81 (85.3%) exact matches, in which:
75 unique CDR3
2 unique J



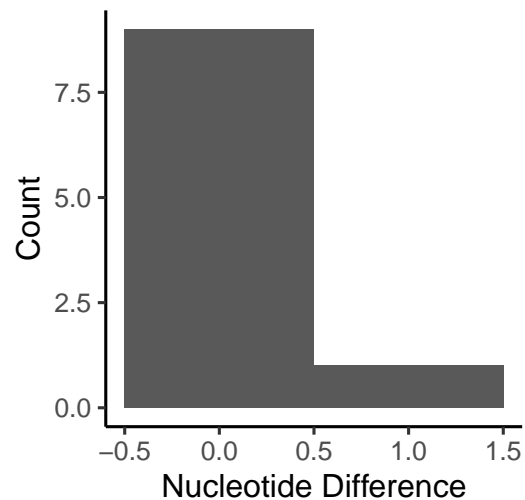
IGLV2-14*03EXT3

454 sequences assigned
361 (79.5%) exact matches, in which:
326 unique CDR3
2 unique J



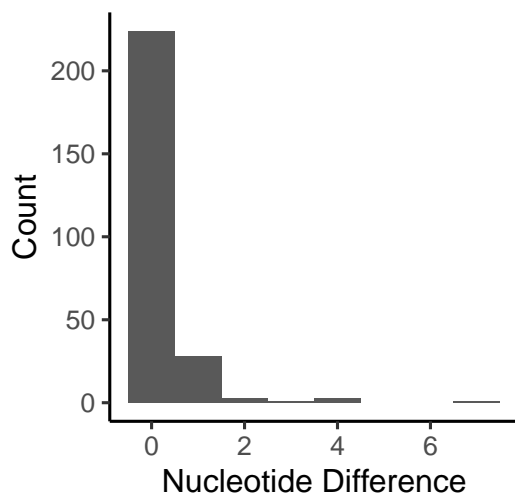
IGLV2-23*01

10 sequences assigned
9 (90%) exact matches, in which:
8 unique CDR3
2 unique J



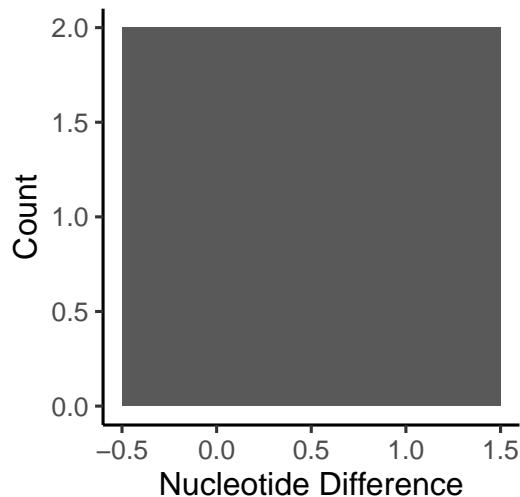
IGLV2-11*01

260 sequences assigned
224 (86.2%) exact matches, in which:
199 unique CDR3
3 unique J



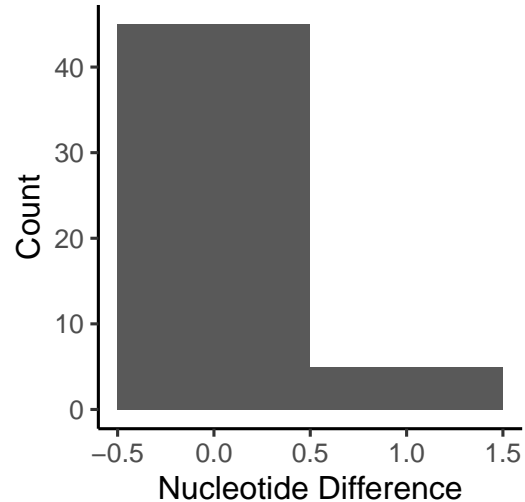
IGLV2-18*01

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



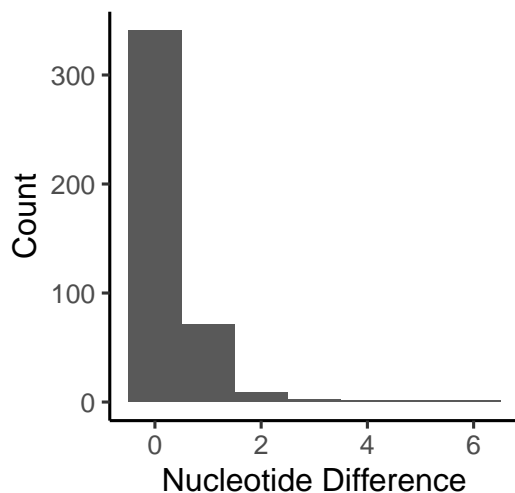
IGLV2-23*03EXT5

50 sequences assigned
45 (90%) exact matches, in which:
40 unique CDR3
2 unique J



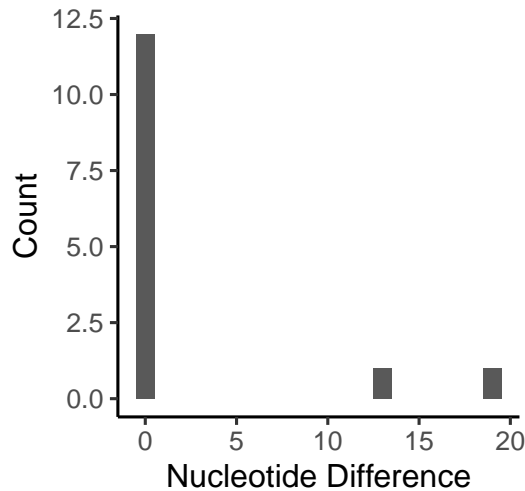
IGLV2-14*01

426 sequences assigned
341 (80%) exact matches, in which:
323 unique CDR3
3 unique J



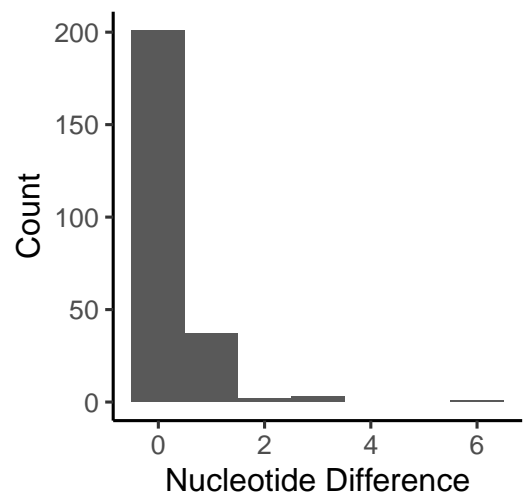
IGLV2-18*02

14 sequences assigned
12 (85.7%) exact matches, in which:
5 unique CDR3
2 unique J



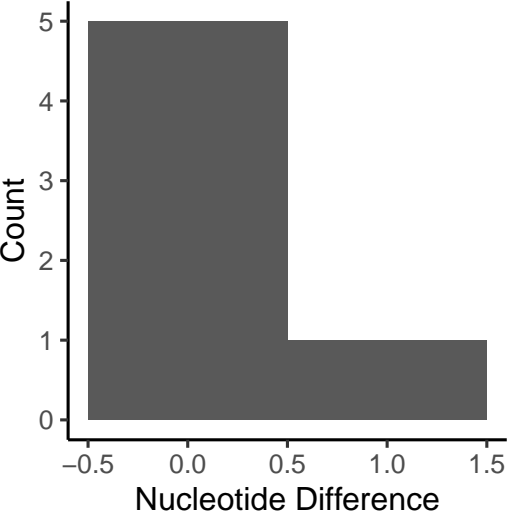
IGLV3-1*01

244 sequences assigned
201 (82.4%) exact matches, in which:
187 unique CDR3
2 unique J



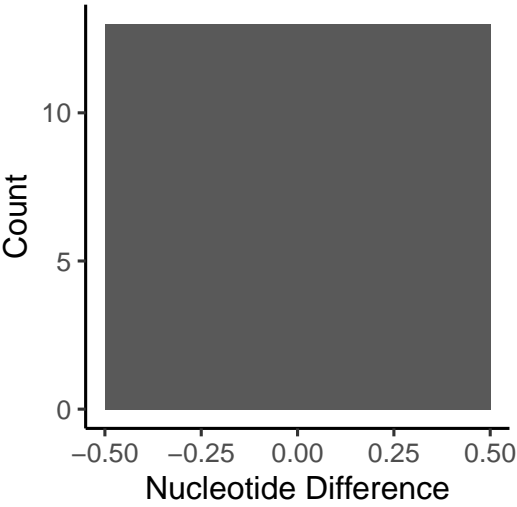
IGLV3-9*01EXT5

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



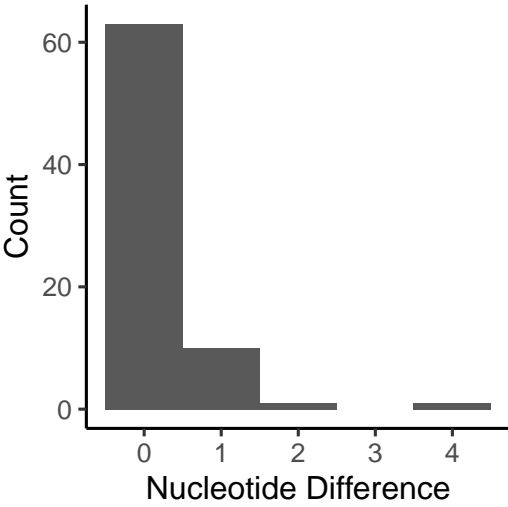
IGLV3-16*01

13 sequences assigned
13 (100%) exact matches, in which:
12 unique CDR3
2 unique J



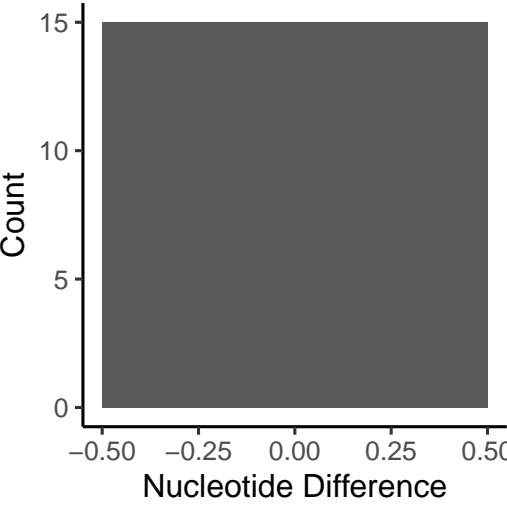
IGLV3-21*04

75 sequences assigned
63 (84%) exact matches, in which:
55 unique CDR3
2 unique J



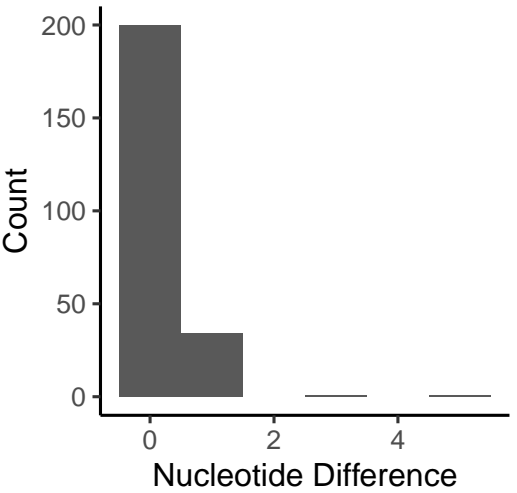
IGLV3-10*01

15 sequences assigned
15 (100%) exact matches, in which:
15 unique CDR3
2 unique J



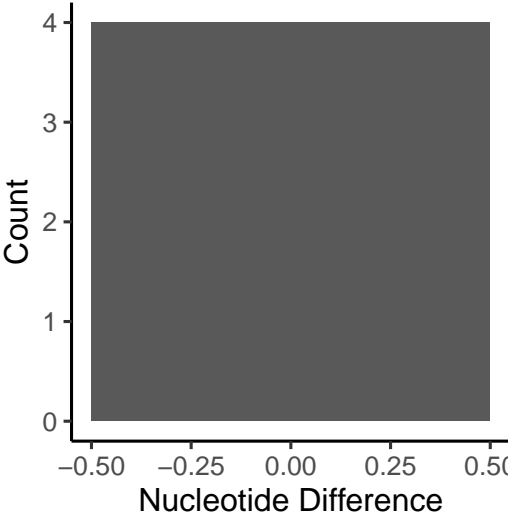
IGLV3-19*01

236 sequences assigned
200 (84.7%) exact matches, in which:
175 unique CDR3
3 unique J



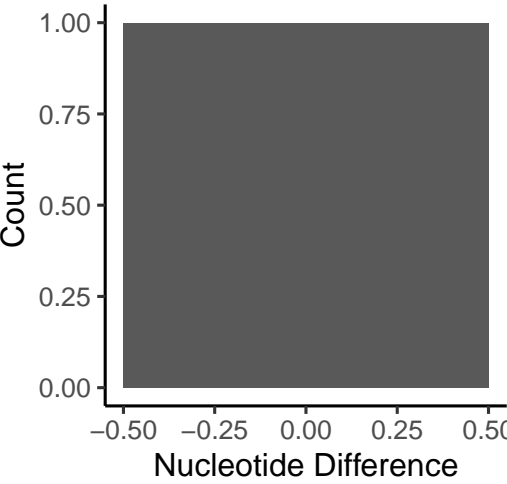
IGLV3-22*01

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



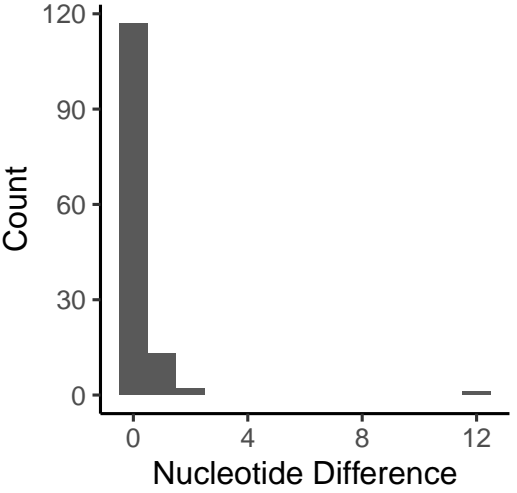
IGLV3-12*02

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



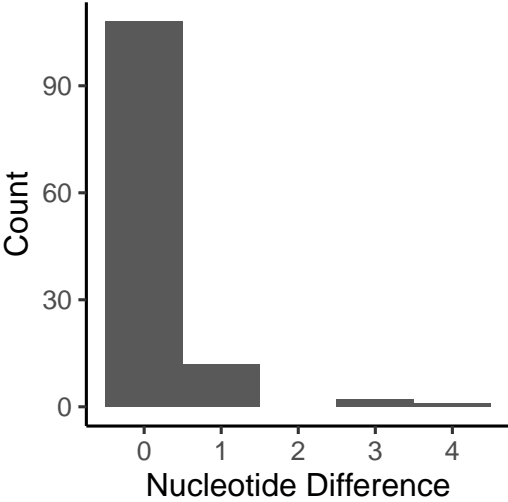
IGLV3-21*02

133 sequences assigned
117 (88%) exact matches, in which:
105 unique CDR3
3 unique J



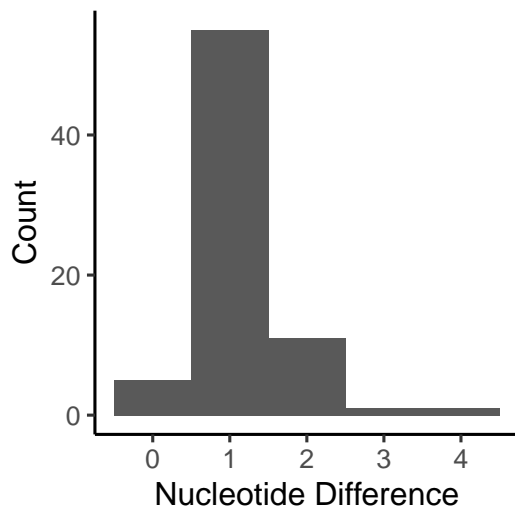
IGLV3-25*02

123 sequences assigned
108 (87.8%) exact matches, in which:
98 unique CDR3
3 unique J



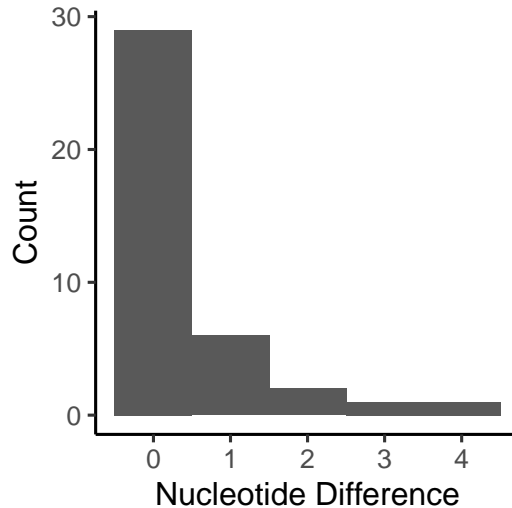
IGLV3–25*03

73 sequences assigned
5 (6.8%) exact matches, in which:
5 unique CDR3
2 unique J



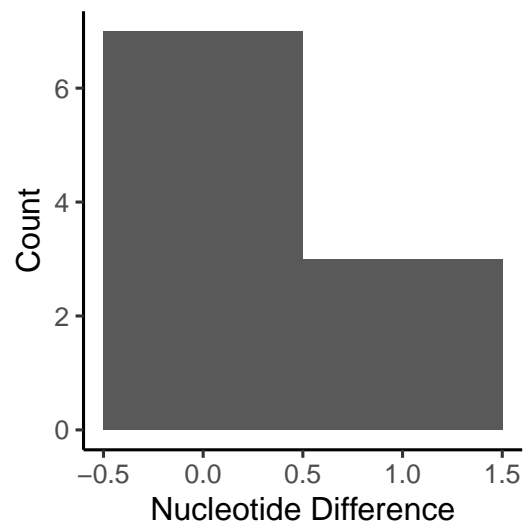
IGLV4–60*03EXT5

39 sequences assigned
29 (74.4%) exact matches, in which:
28 unique CDR3
2 unique J



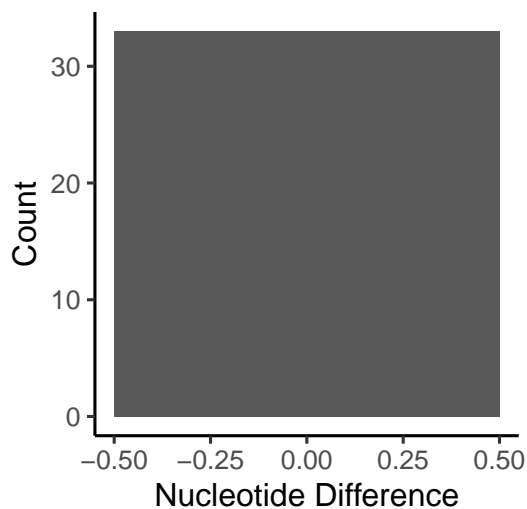
IGLV5–45*01

10 sequences assigned
7 (70%) exact matches, in which:
6 unique CDR3
2 unique J



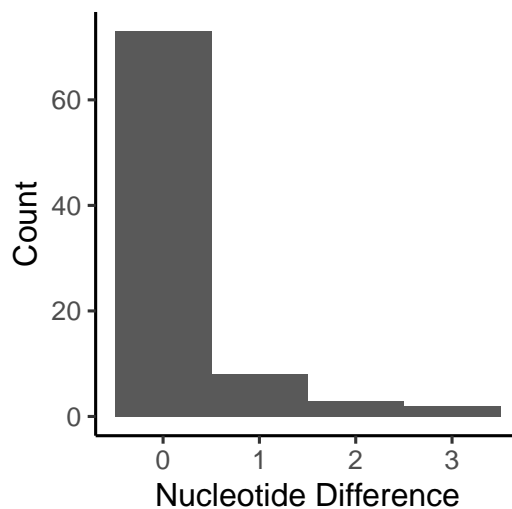
IGLV3–27*01

33 sequences assigned
33 (100%) exact matches, in which:
31 unique CDR3
3 unique J



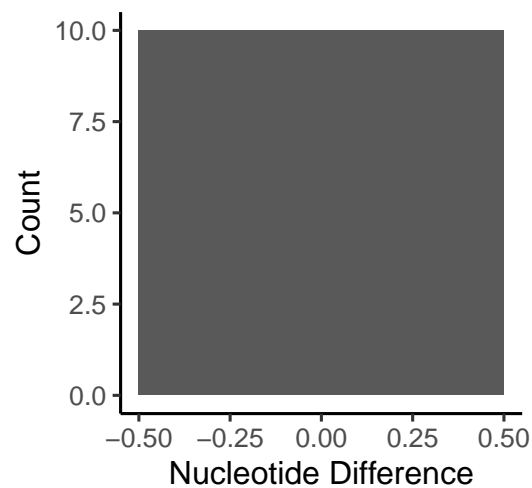
IGLV4–69*01

86 sequences assigned
73 (84.9%) exact matches, in which:
65 unique CDR3
3 unique J



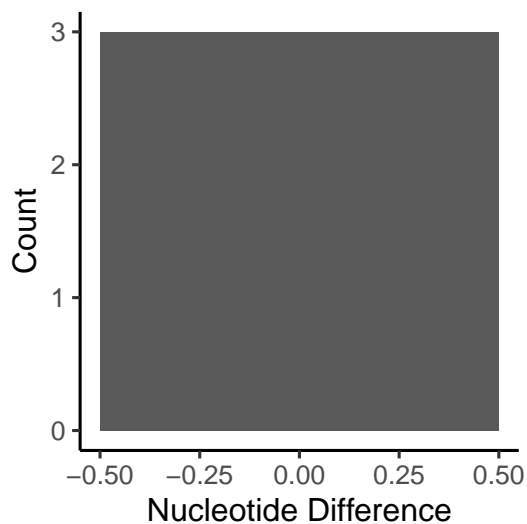
IGLV5–45*03

10 sequences assigned
10 (100%) exact matches, in which:
10 unique CDR3
2 unique J



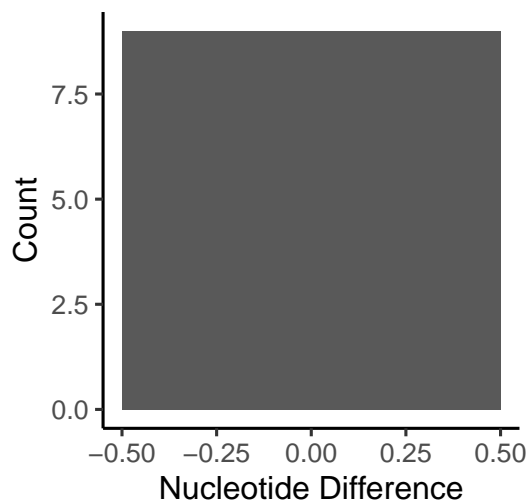
IGLV4–3*01

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



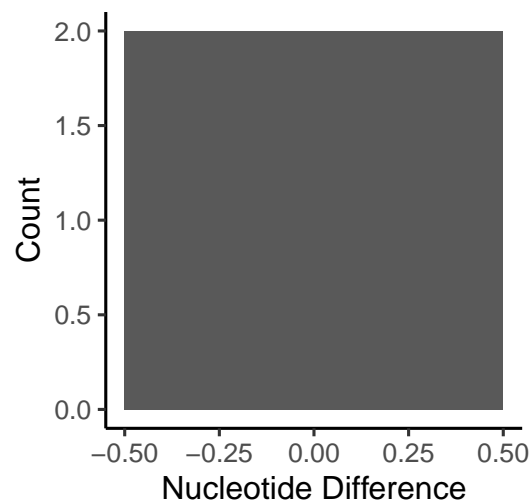
IGLV5–39*01

9 sequences assigned
9 (100%) exact matches, in which:
9 unique CDR3
1 unique J



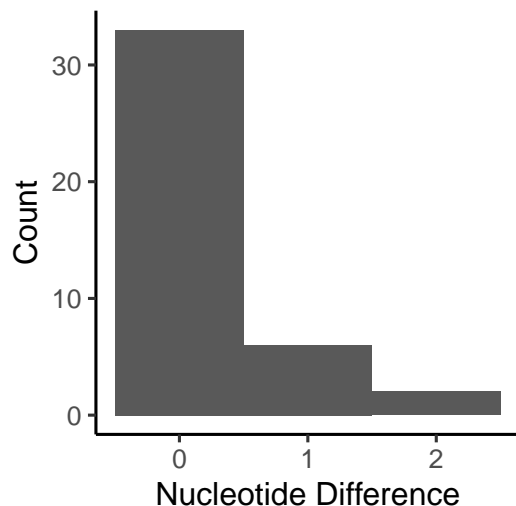
IGLV5–52*01

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



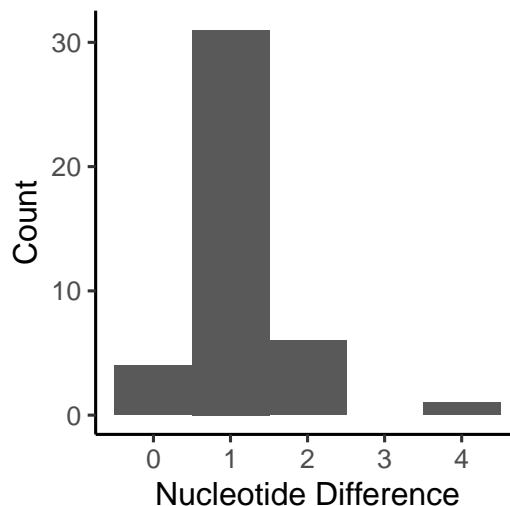
IGLV6-57*02

41 sequences assigned
33 (80.5%) exact matches, in which:
31 unique CDR3
3 unique J



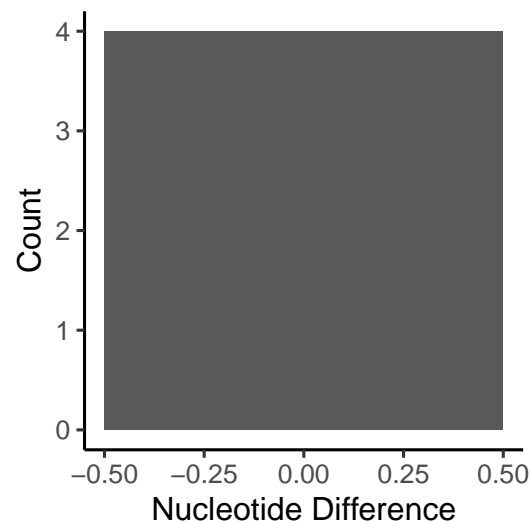
IGLV7-46*01

42 sequences assigned
4 (9.5%) exact matches, in which:
4 unique CDR3
1 unique J



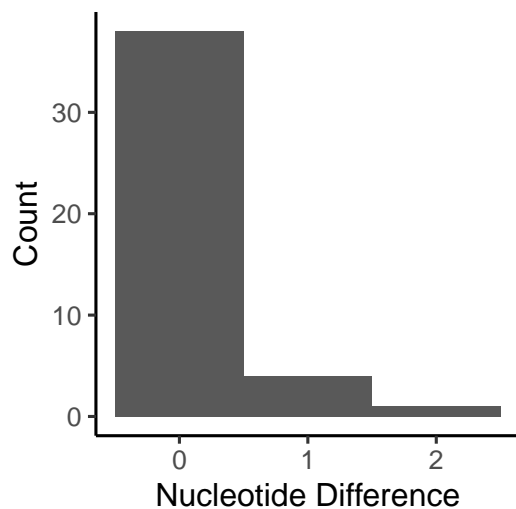
IGLV9-49*01

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



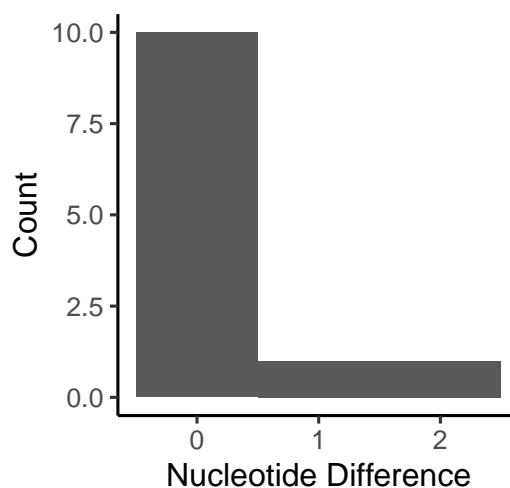
IGLV6-57*03

44 sequences assigned
38 (86.4%) exact matches, in which:
36 unique CDR3
3 unique J



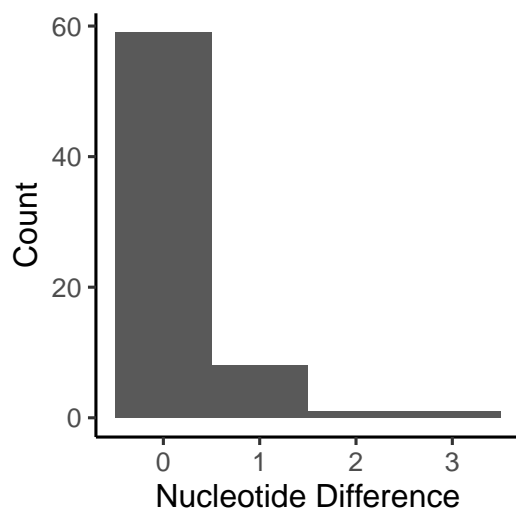
IGLV7-46*02

12 sequences assigned
10 (83.3%) exact matches, in which:
9 unique CDR3
2 unique J



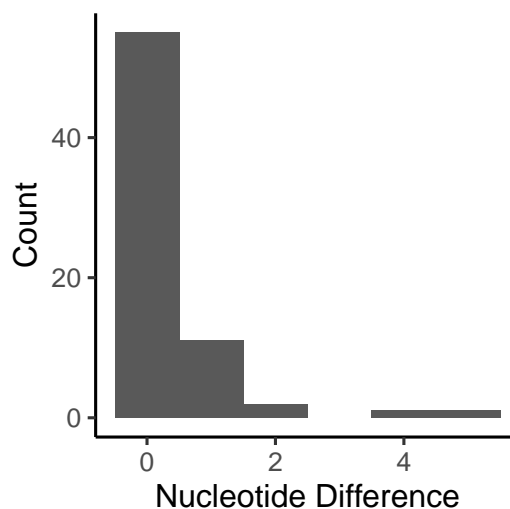
IGLV7-43*01

69 sequences assigned
59 (85.5%) exact matches, in which:
54 unique CDR3
3 unique J



IGLV8-61*01

70 sequences assigned
55 (78.6%) exact matches, in which:
44 unique CDR3
2 unique J



Allele Usage



Warning – no inferred sequences found.