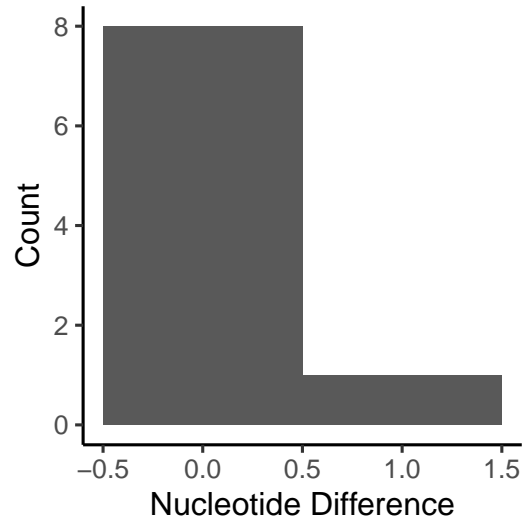


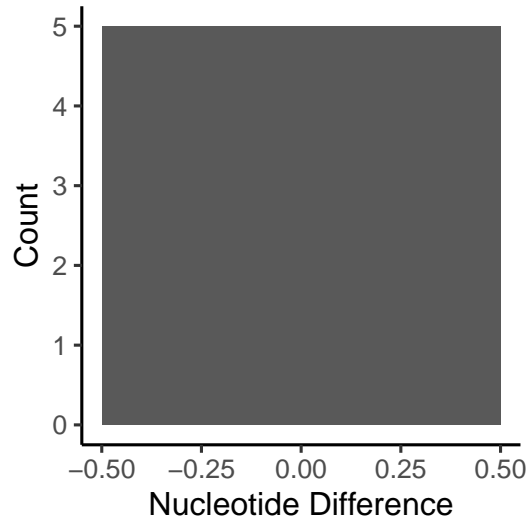
IGLV10–54*01

9 sequences assigned
8 (88.9%) exact matches, in which:
1 unique CDR3
1 unique J



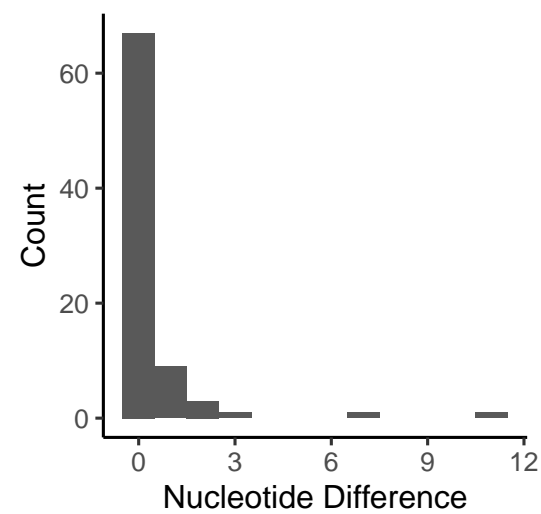
IGLV1–41*01

5 sequences assigned
5 (100%) exact matches, in which:
3 unique CDR3
1 unique J



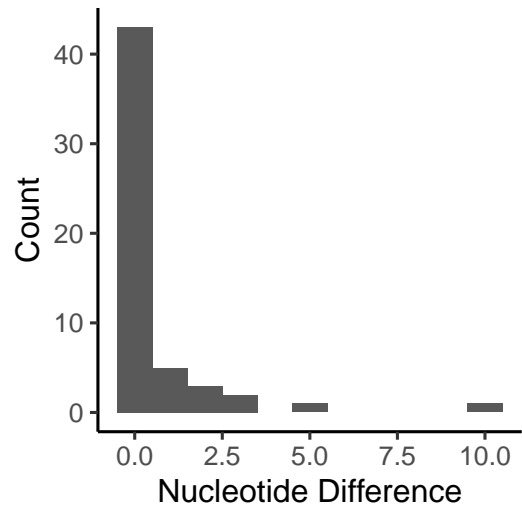
IGLV1–47*02

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



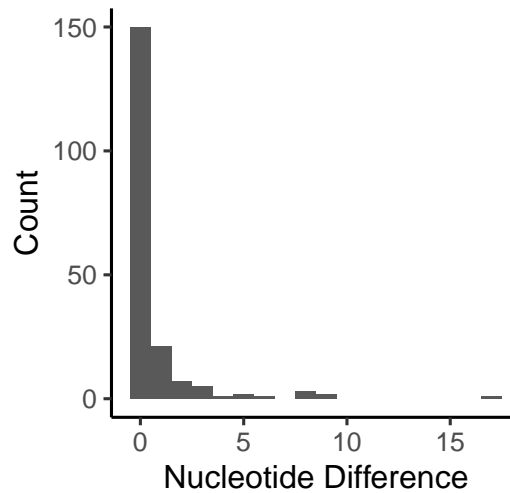
IGLV1–36*01

55 sequences assigned
43 (78.2%) exact matches, in which:
19 unique CDR3
3 unique J



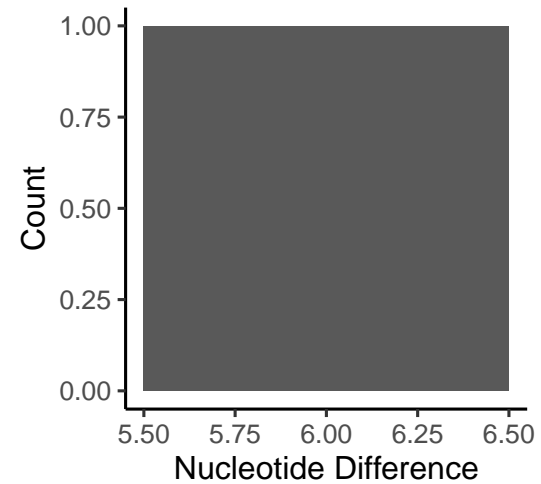
IGLV1–44*01

193 sequences assigned
150 (77.7%) exact matches, in which:
83 unique CDR3
3 unique J



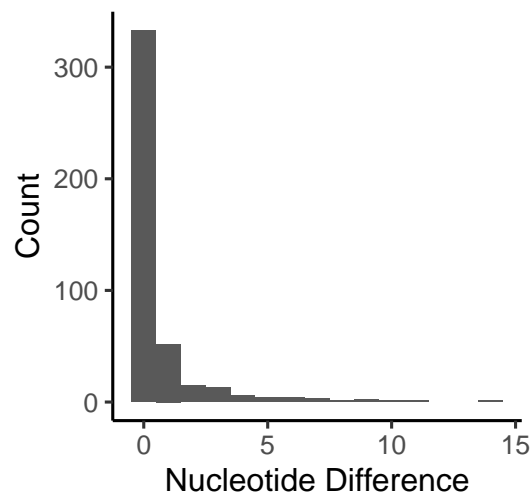
IGLV1–50*01

1 sequences assigned
No exact matches.



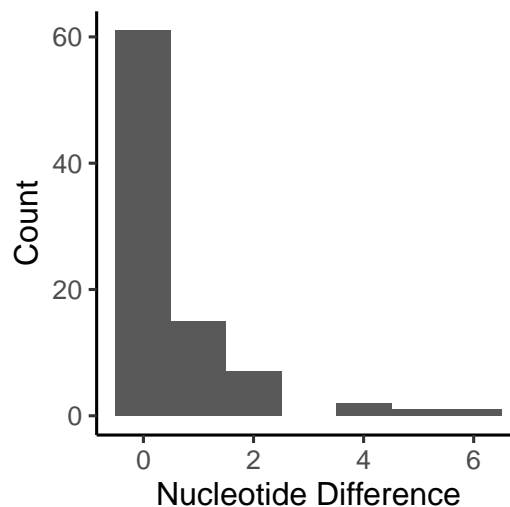
IGLV1–40*01

436 sequences assigned
333 (76.4%) exact matches, in which:
173 unique CDR3
3 unique J



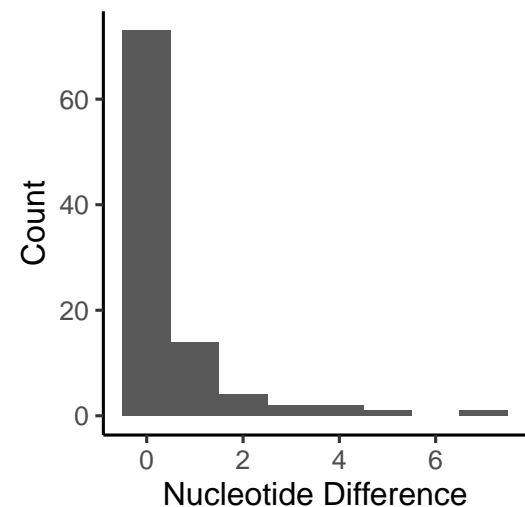
IGLV1–47*01

87 sequences assigned
61 (70.1%) exact matches, in which:
38 unique CDR3
2 unique J



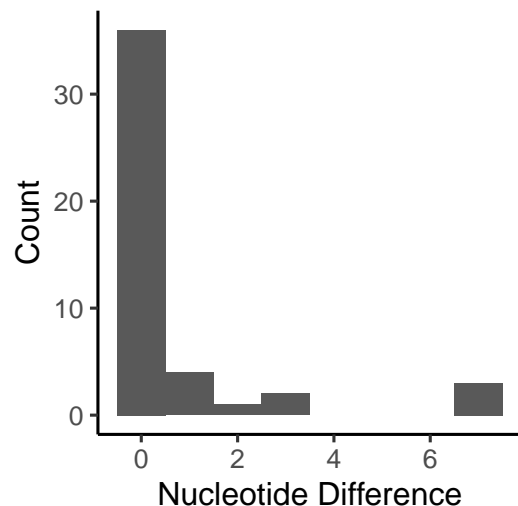
IGLV1–51*01

97 sequences assigned
73 (75.3%) exact matches, in which:
45 unique CDR3
3 unique J



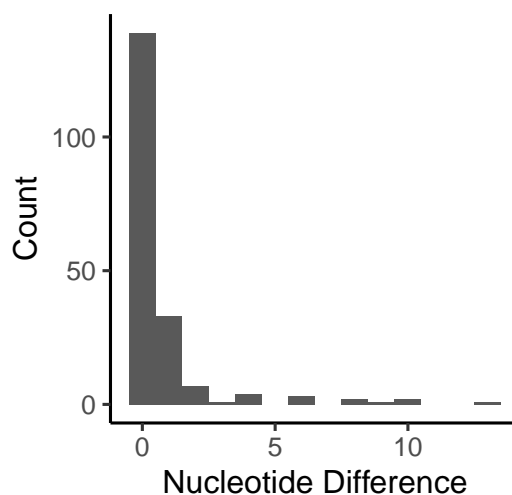
IGLV1-51*02

46 sequences assigned
36 (78.3%) exact matches, in which:
27 unique CDR3
2 unique J



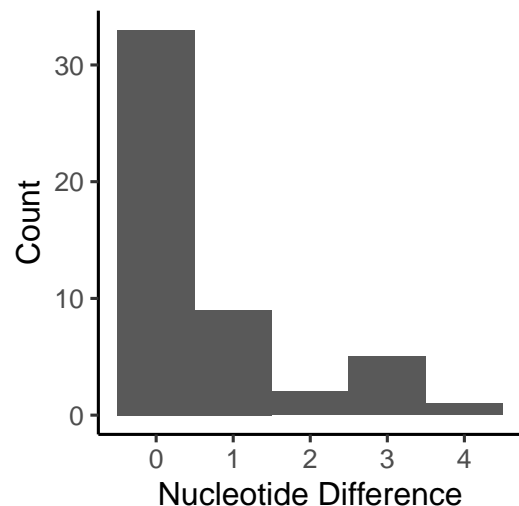
IGLV2-11*01

193 sequences assigned
139 (72%) exact matches, in which:
95 unique CDR3
2 unique J



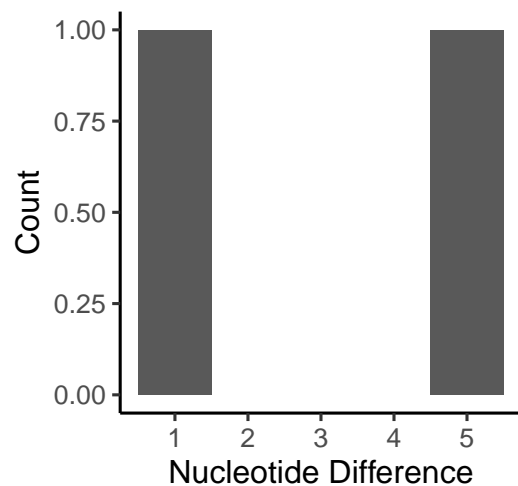
IGLV2-18*02

50 sequences assigned
33 (66%) exact matches, in which:
15 unique CDR3
2 unique J



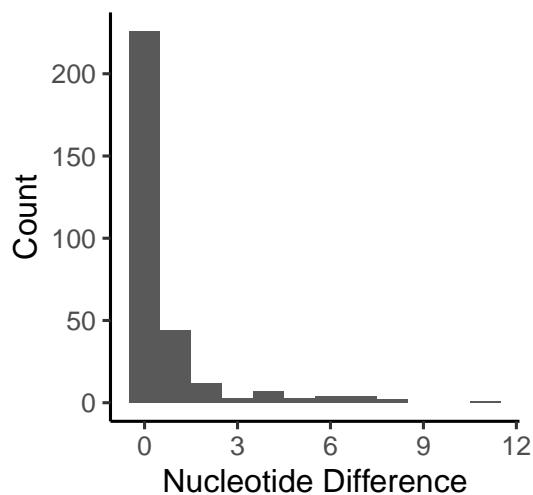
IGLV2-5*01

2 sequences assigned
No exact matches.



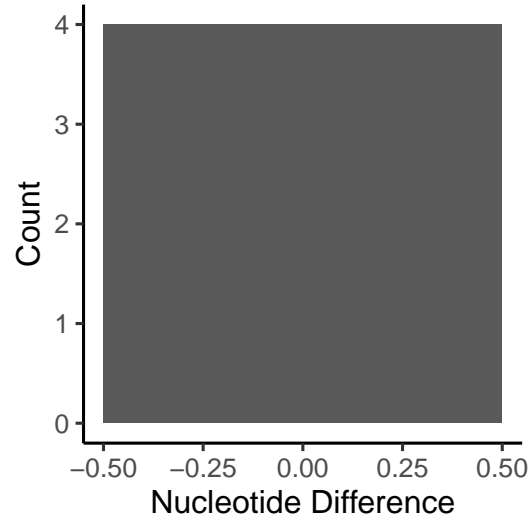
IGLV2-14*01

306 sequences assigned
226 (73.9%) exact matches, in which:
161 unique CDR3
2 unique J



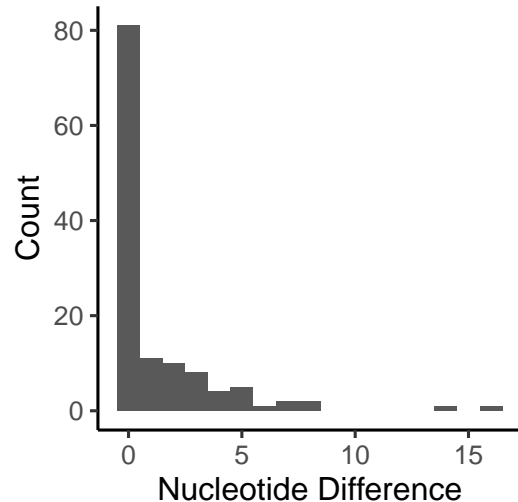
IGLV2-23*01

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



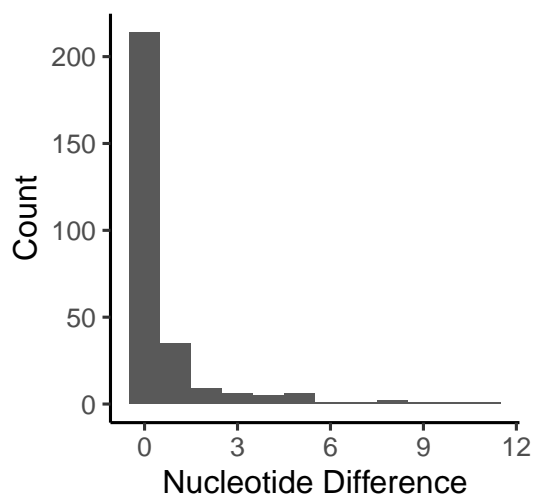
IGLV2-8*01

126 sequences assigned
81 (64.3%) exact matches, in which:
56 unique CDR3
3 unique J



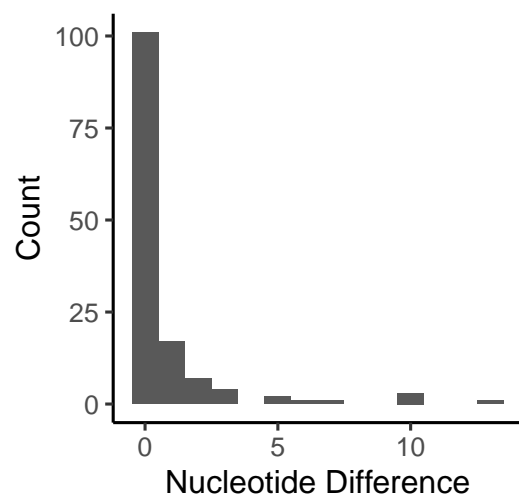
IGLV2-14*03EXT3

282 sequences assigned
214 (75.9%) exact matches, in which:
148 unique CDR3
2 unique J



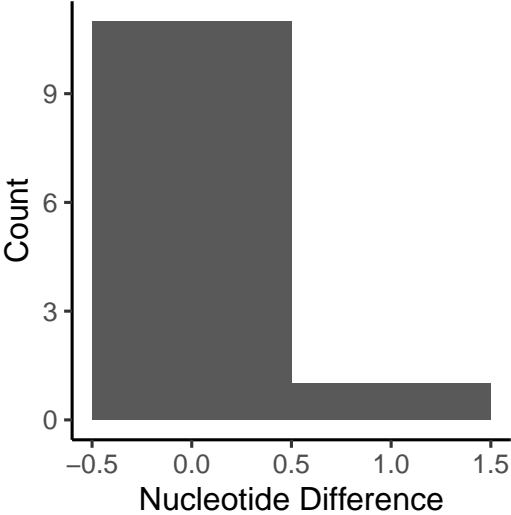
IGLV2-23*02EXT5

137 sequences assigned
101 (73.7%) exact matches, in which:
81 unique CDR3
3 unique J



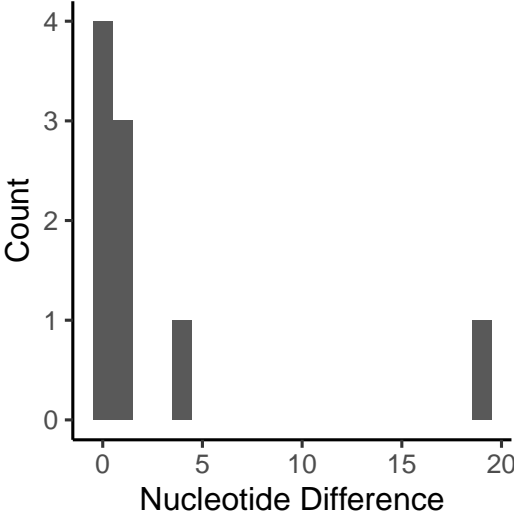
IGLV2–23*03EXT5

12 sequences assigned
11 (91.7%) exact matches, in which:
9 unique CDR3
2 unique J



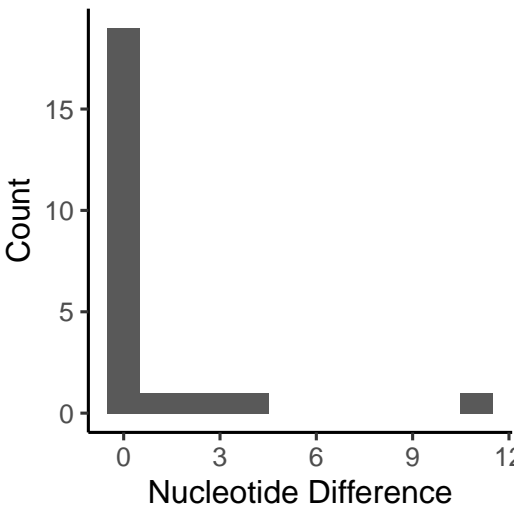
IGLV3–9*01EXT5

9 sequences assigned
4 (44.4%) exact matches, in which:
4 unique CDR3
2 unique J



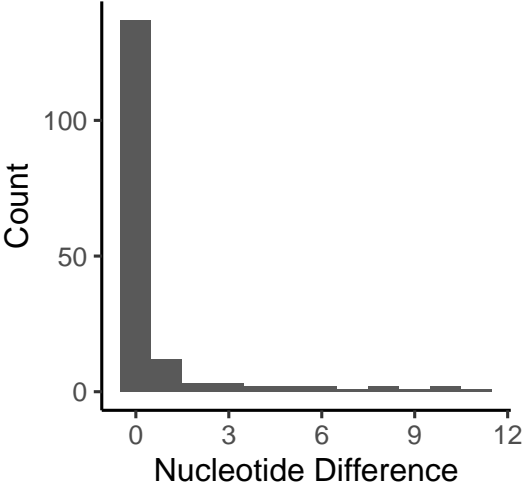
IGLV3–16*01

24 sequences assigned
19 (79.2%) exact matches, in which:
14 unique CDR3
1 unique J



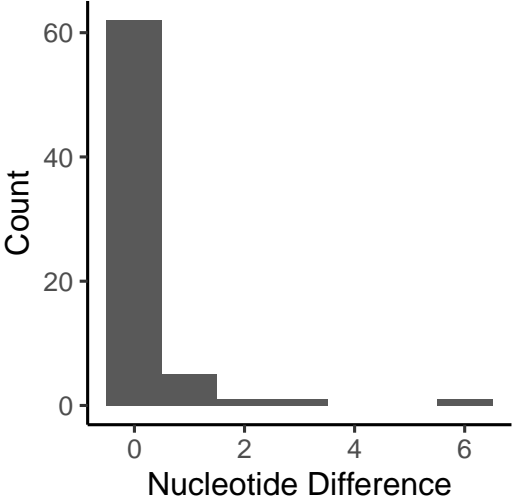
IGLV3–1*01

168 sequences assigned
137 (81.5%) exact matches, in which:
97 unique CDR3
3 unique J



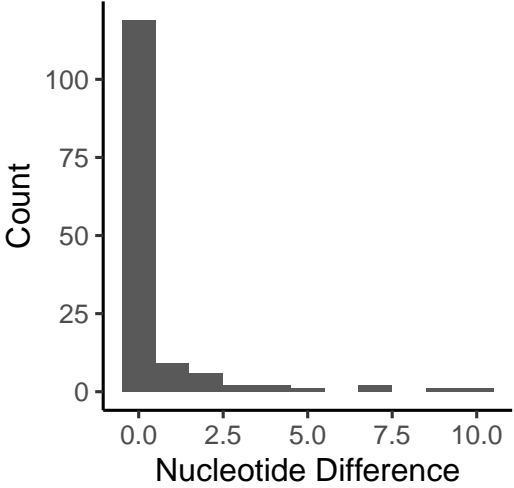
IGLV3–10*01

70 sequences assigned
62 (88.6%) exact matches, in which:
42 unique CDR3
2 unique J



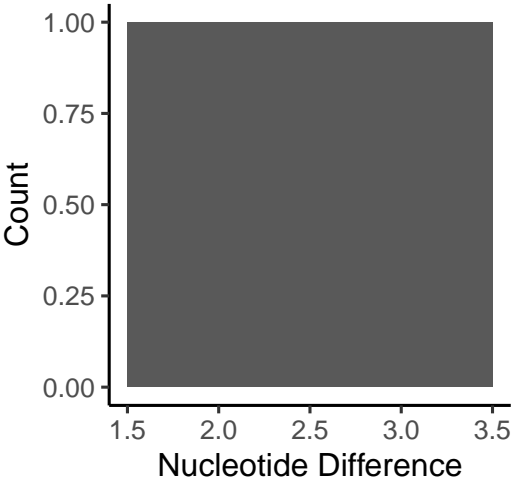
IGLV3–19*01

143 sequences assigned
119 (83.2%) exact matches, in which:
66 unique CDR3
2 unique J



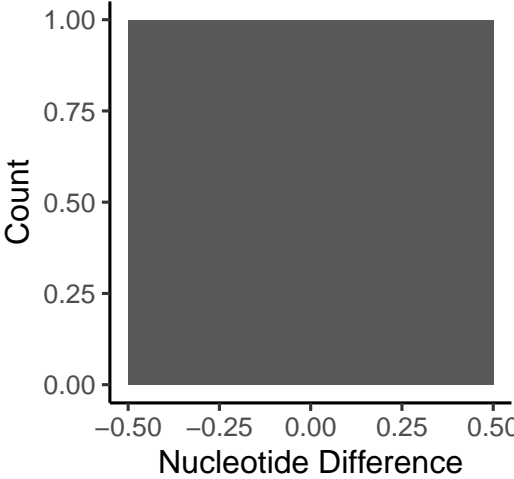
IGLV3–9*02

2 sequences assigned
No exact matches.



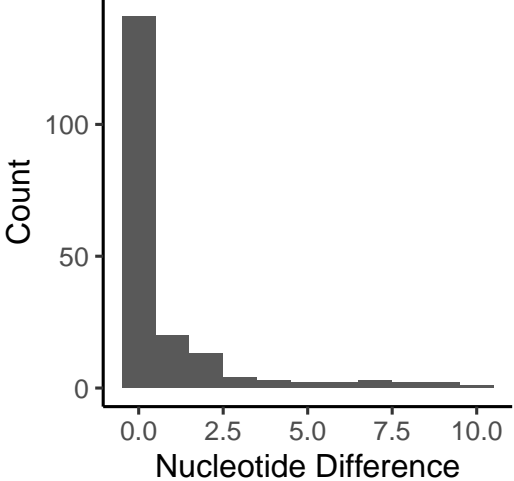
IGLV3–12*02

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



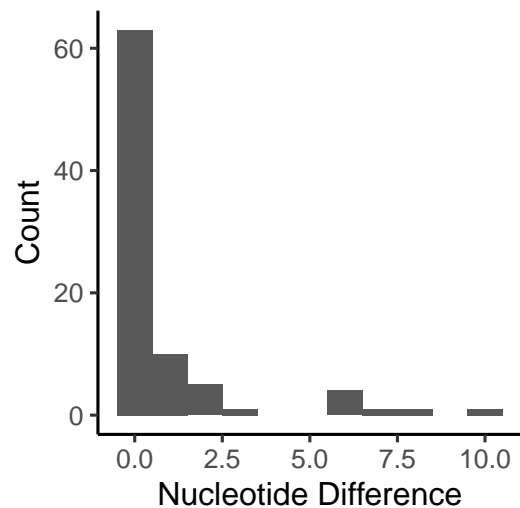
IGLV3–21*02

193 sequences assigned
141 (73.1%) exact matches, in which:
84 unique CDR3
3 unique J



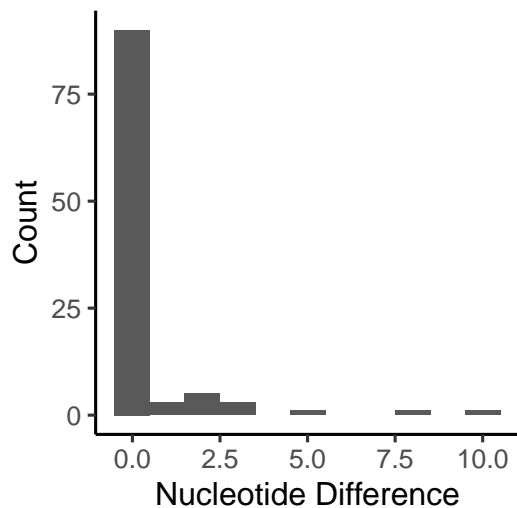
IGLV3-21*04

86 sequences assigned
63 (73.3%) exact matches, in which:
41 unique CDR3
4 unique J



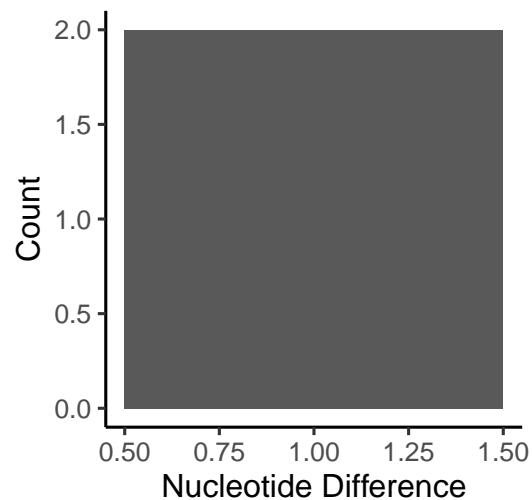
IGLV3-25*03

104 sequences assigned
90 (86.5%) exact matches, in which:
60 unique CDR3
3 unique J



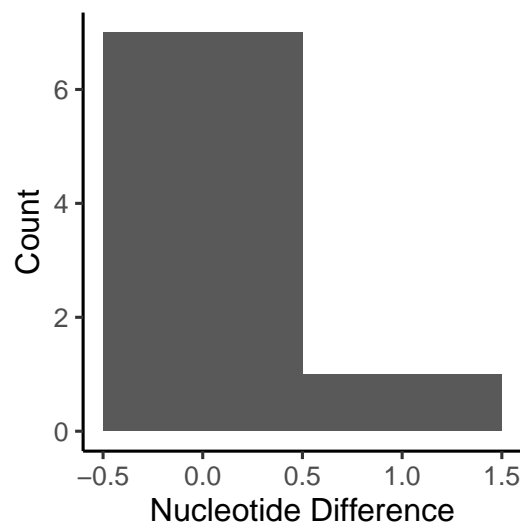
IGLV4-60*03EXT5

2 sequences assigned
No exact matches.



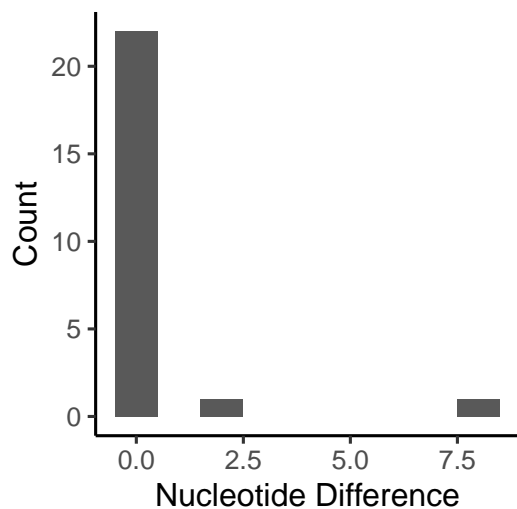
IGLV3-22*01

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



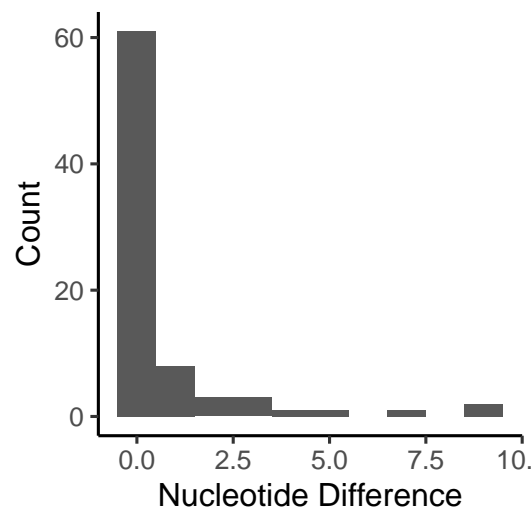
IGLV3-27*01

24 sequences assigned
22 (91.7%) exact matches, in which:
18 unique CDR3
2 unique J



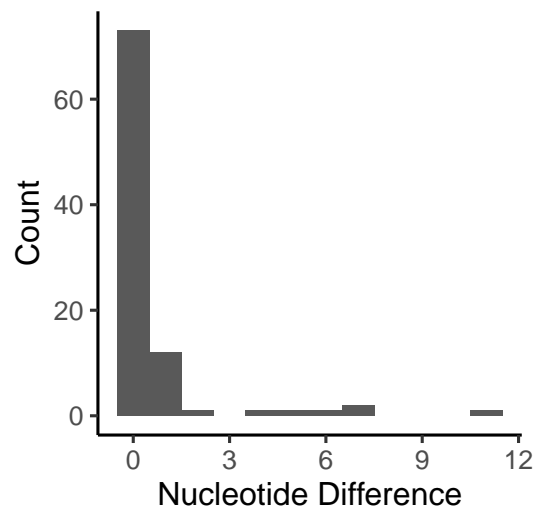
IGLV4-69*01

80 sequences assigned
61 (76.2%) exact matches, in which:
39 unique CDR3
2 unique J



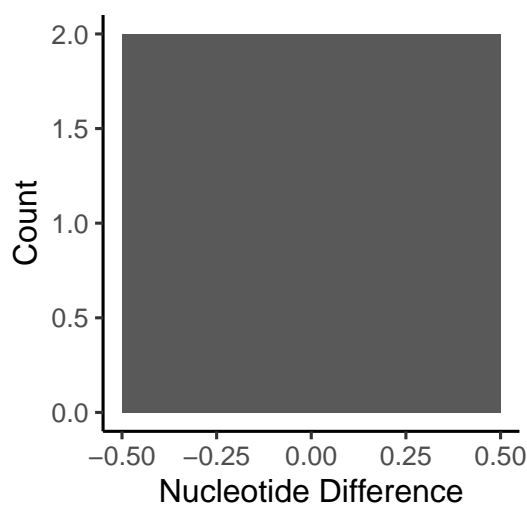
IGLV3-25*02

92 sequences assigned
73 (79.3%) exact matches, in which:
45 unique CDR3
2 unique J



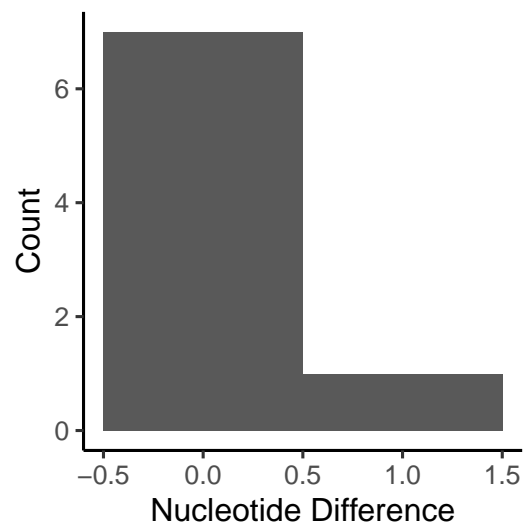
IGLV4-3*01

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



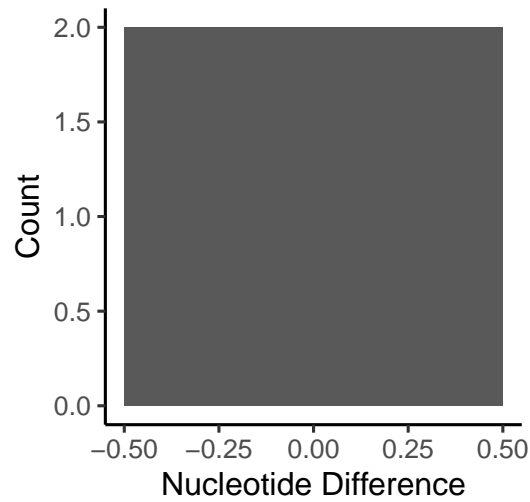
IGLV5-37*01

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



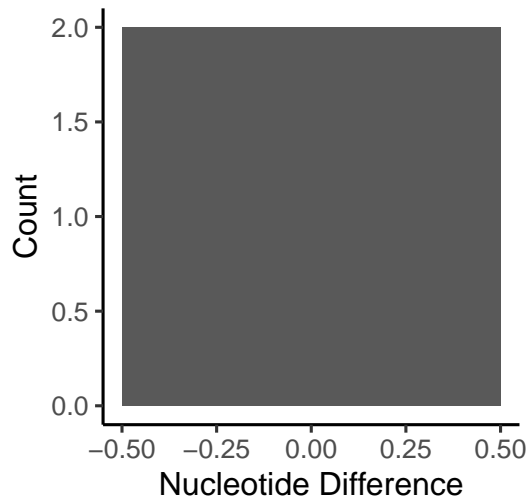
IGLV5-39*01

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



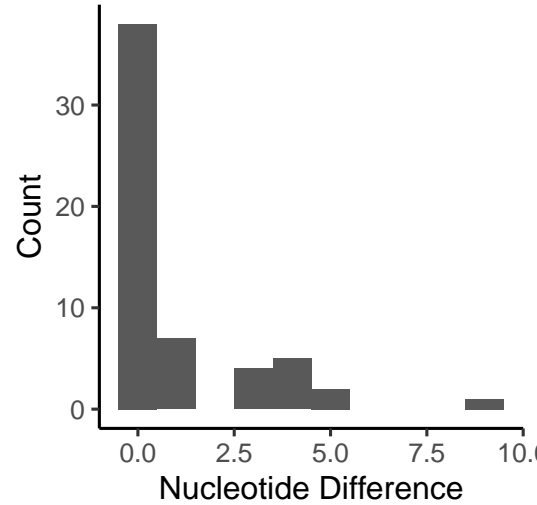
IGLV5-48*01

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



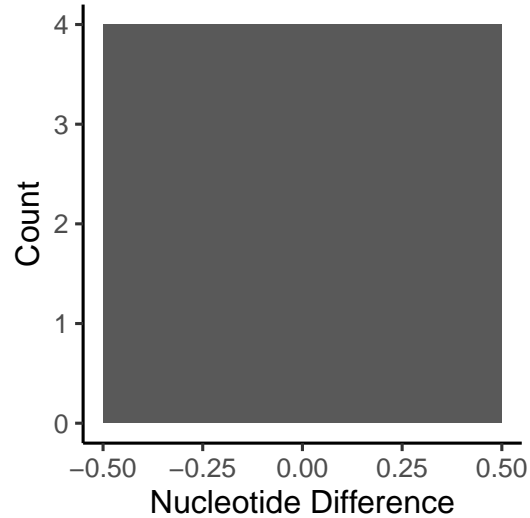
IGLV7-43*01

57 sequences assigned
38 (66.7%) exact matches, in which:
24 unique CDR3
2 unique J



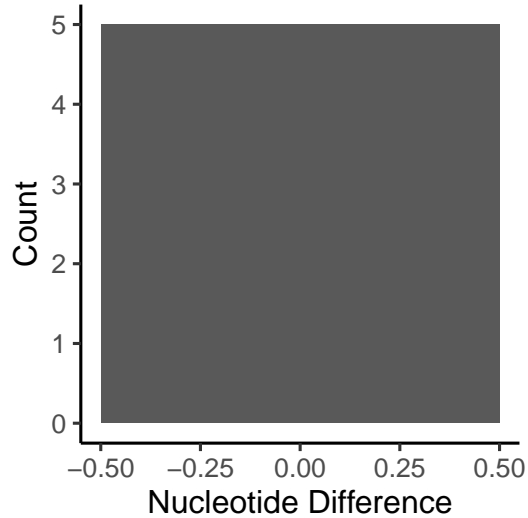
IGLV5-45*01

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



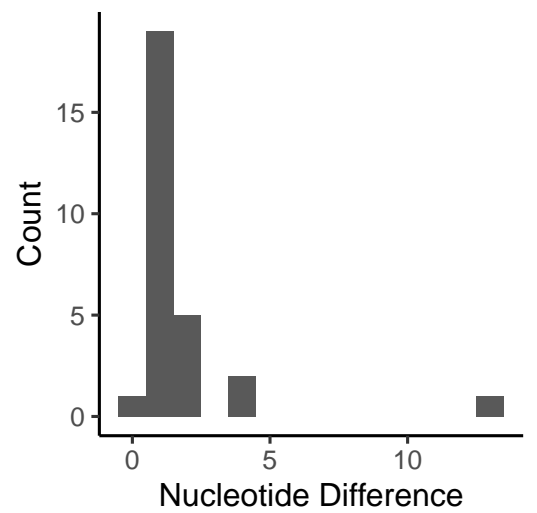
IGLV5-52*01

5 sequences assigned
5 (100%) exact matches, in which:
4 unique CDR3
1 unique J



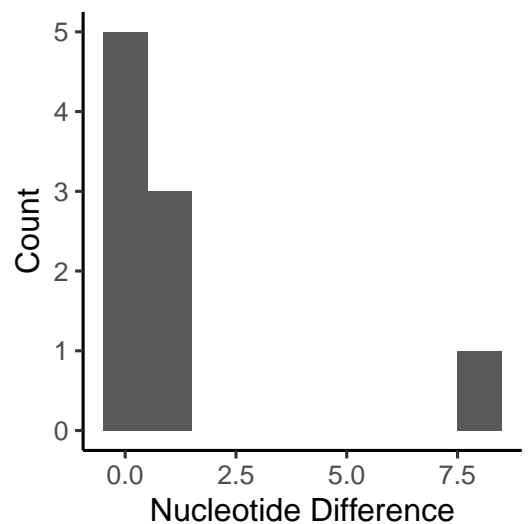
IGLV7-46*01

28 sequences assigned
1 (3.6%) exact matches, in which:
1 unique CDR3
1 unique J



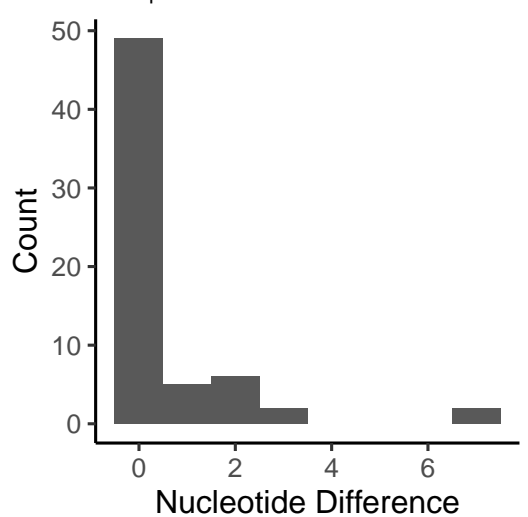
IGLV5-45*03

9 sequences assigned
5 (55.6%) exact matches, in which:
4 unique CDR3
2 unique J



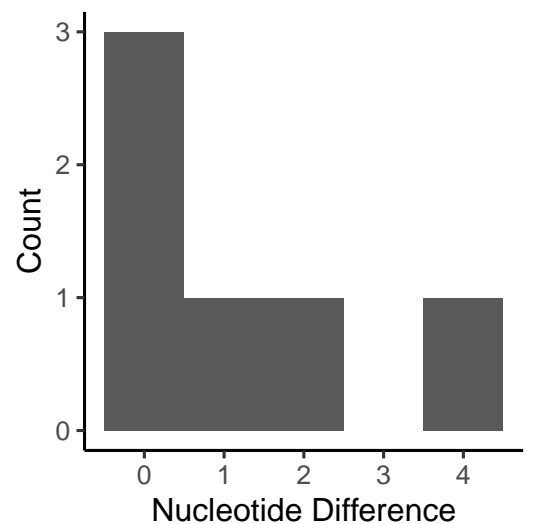
IGLV6-57*02

64 sequences assigned
49 (76.6%) exact matches, in which:
34 unique CDR3
3 unique J



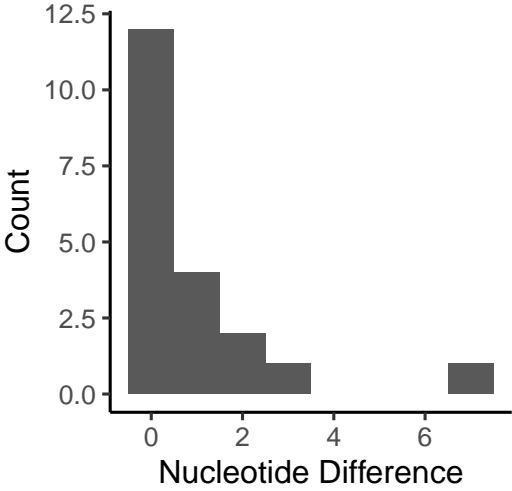
IGLV7-46*02

6 sequences assigned
3 (50%) exact matches, in which:
3 unique CDR3
2 unique J



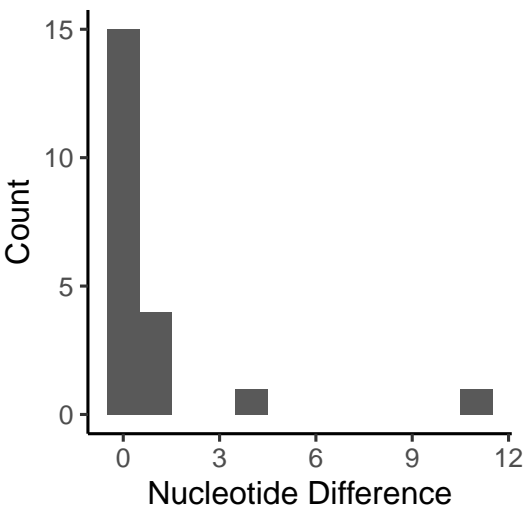
IGLV8-61*01

20 sequences assigned
12 (60%) exact matches, in which:
7 unique CDR3
1 unique J

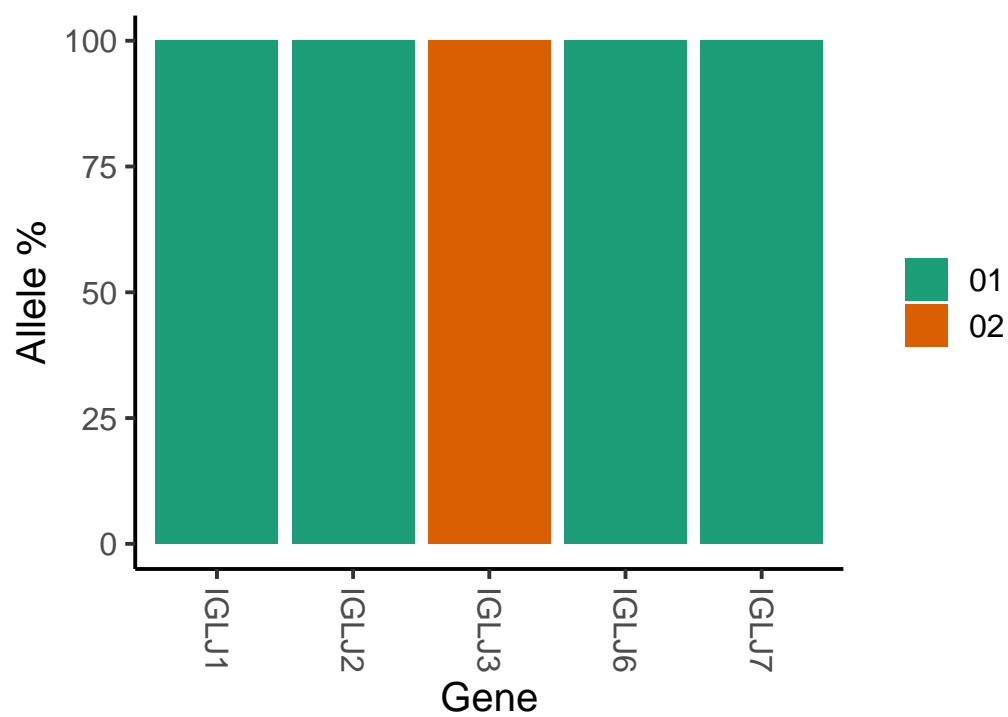


IGLV9-49*01

21 sequences assigned
15 (71.4%) exact matches, in which:
12 unique CDR3
2 unique J



Allele Usage



Warning – no inferred sequences found.