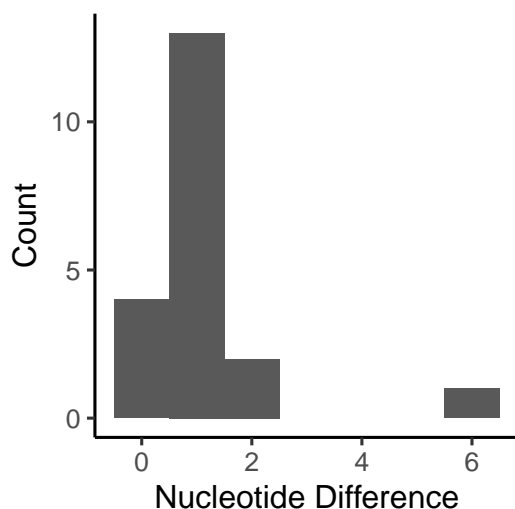


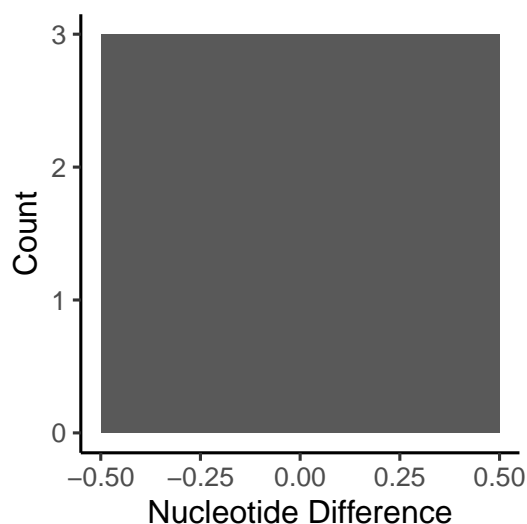
IGLV10-54*01

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



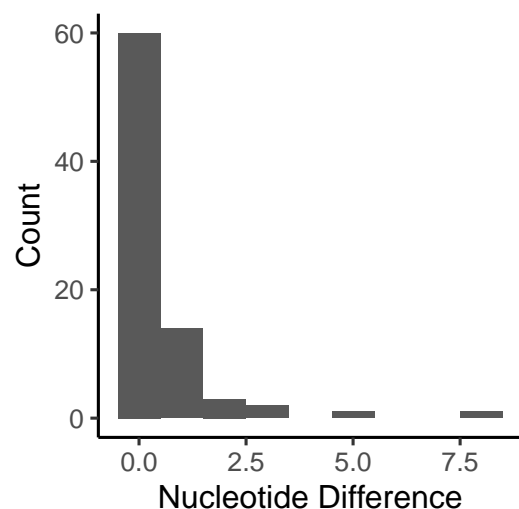
IGLV1-41*01

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



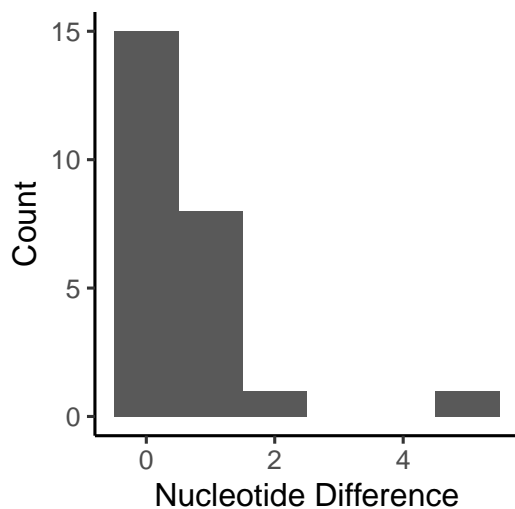
IGLV1-47*02

81 sequences assigned
60 (74.1%) exact matches, in which:
49 unique CDR3
3 unique J



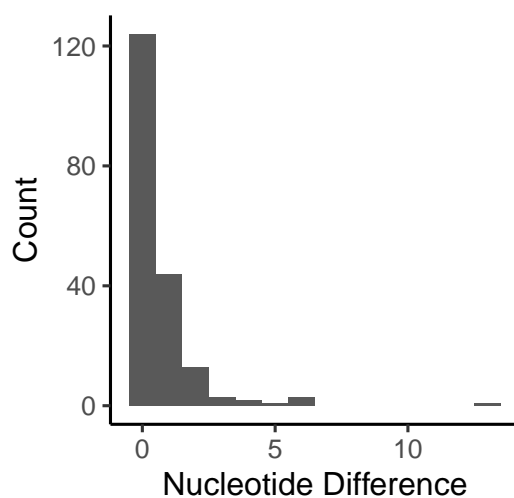
IGLV1-36*01

25 sequences assigned
15 (60%) exact matches, in which:
14 unique CDR3
2 unique J



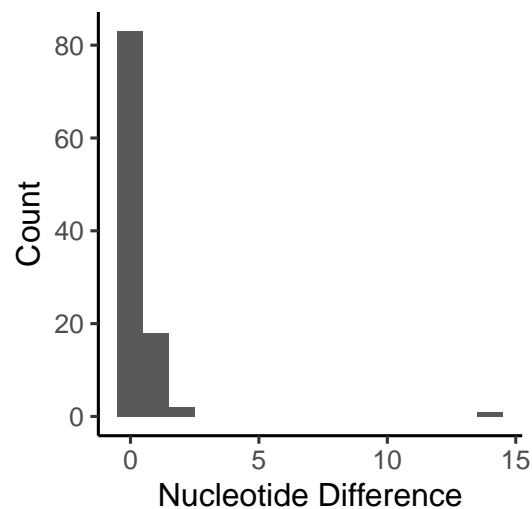
IGLV1-44*01

191 sequences assigned
124 (64.9%) exact matches, in which:
93 unique CDR3
2 unique J



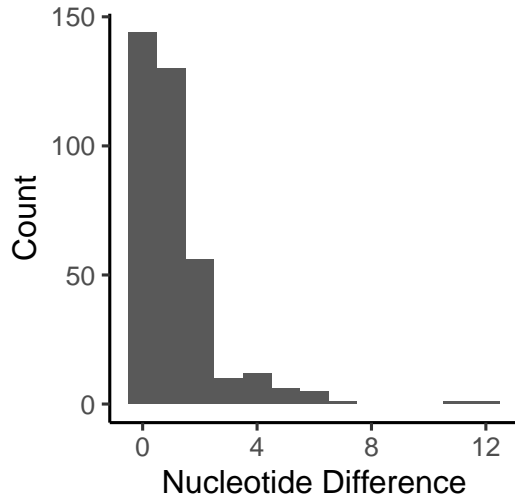
IGLV1-51*01

104 sequences assigned
83 (79.8%) exact matches, in which:
59 unique CDR3
3 unique J



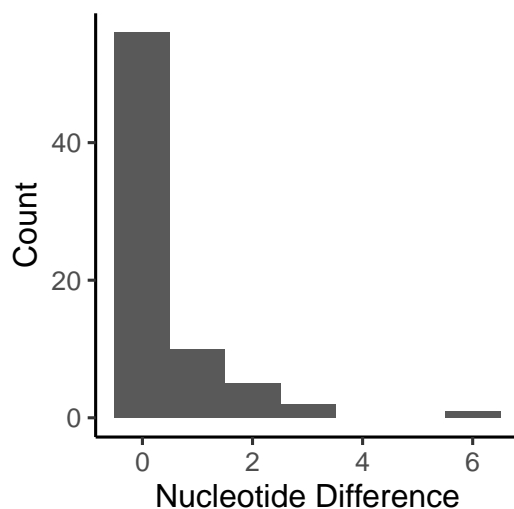
IGLV1-40*01

366 sequences assigned
144 (39.3%) exact matches, in which:
103 unique CDR3
2 unique J



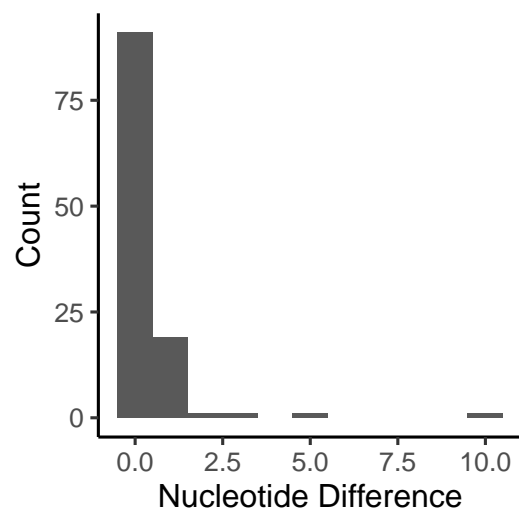
IGLV1-47*01

74 sequences assigned
56 (75.7%) exact matches, in which:
48 unique CDR3
2 unique J



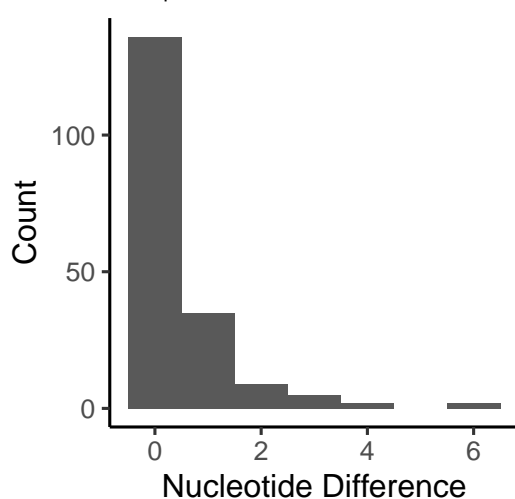
IGLV2-8*01

114 sequences assigned
91 (79.8%) exact matches, in which:
85 unique CDR3
2 unique J



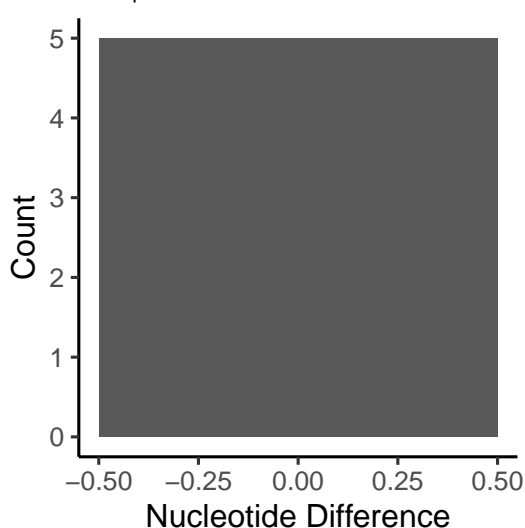
IGLV2-11*01

189 sequences assigned
136 (72%) exact matches, in which:
116 unique CDR3
2 unique J



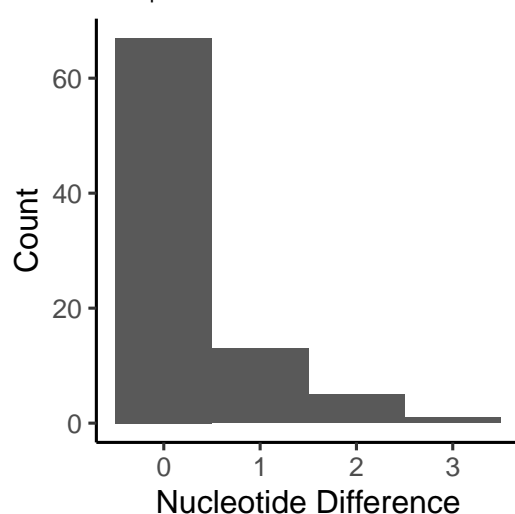
IGLV2-18*01

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



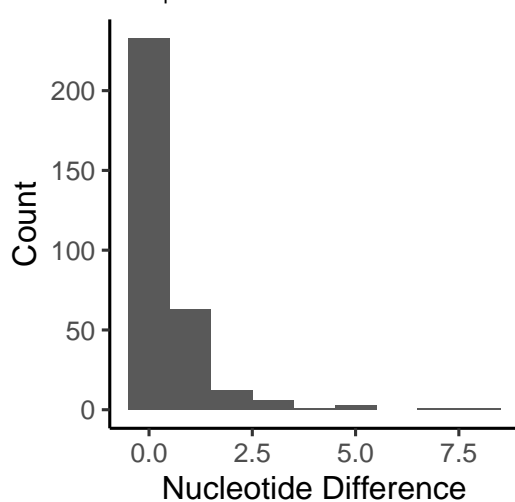
IGLV2-23*03EXT5

86 sequences assigned
67 (77.9%) exact matches, in which:
62 unique CDR3
2 unique J



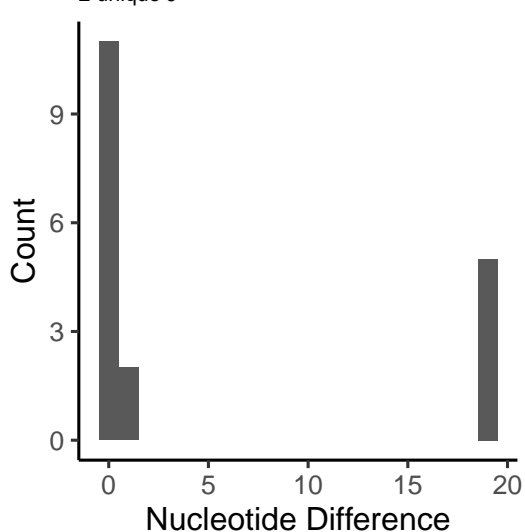
IGLV2-14*01

320 sequences assigned
233 (72.8%) exact matches, in which:
206 unique CDR3
2 unique J



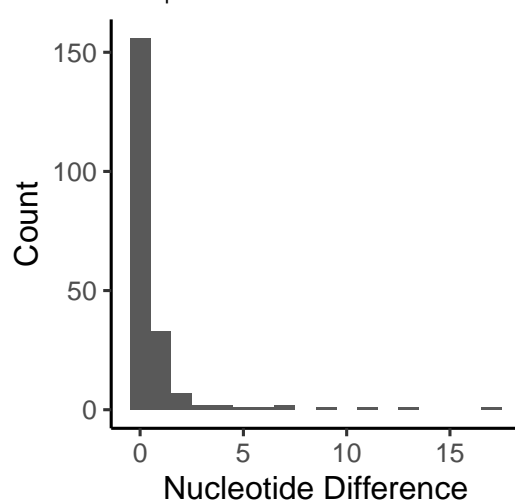
IGLV2-18*02

18 sequences assigned
11 (61.1%) exact matches, in which:
8 unique CDR3
2 unique J



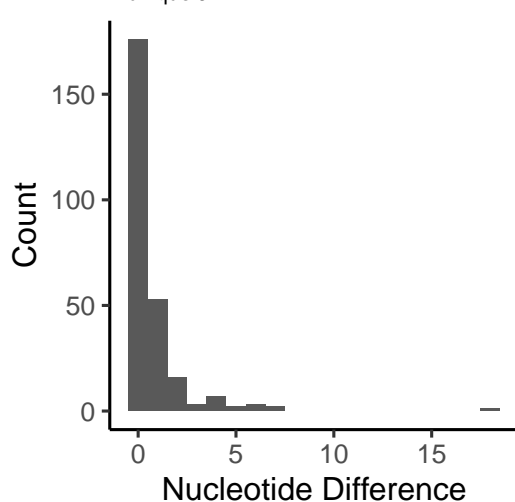
IGLV3-1*01

209 sequences assigned
156 (74.6%) exact matches, in which:
141 unique CDR3
3 unique J



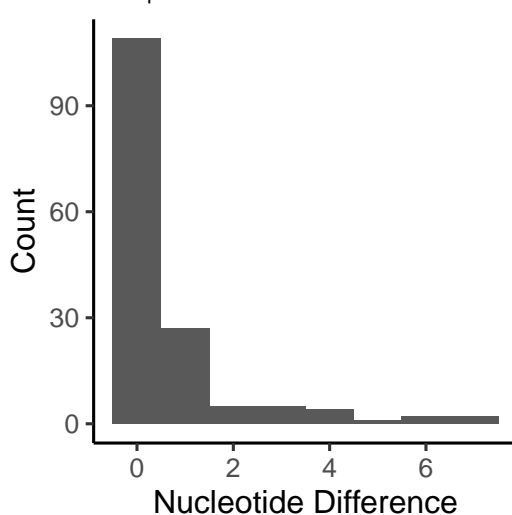
IGLV2-14*04EXT3

263 sequences assigned
176 (66.9%) exact matches, in which:
159 unique CDR3
2 unique J



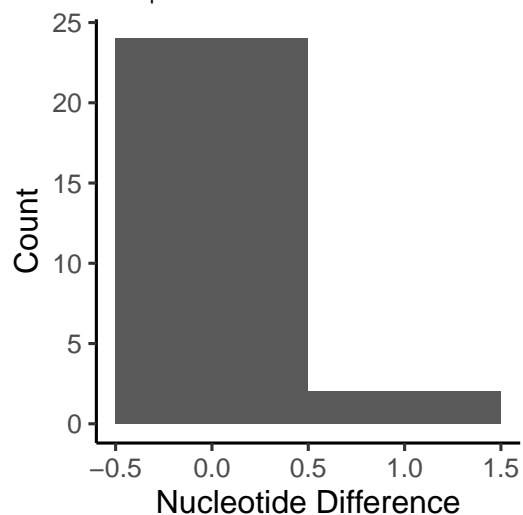
IGLV2-23*02EXT5

155 sequences assigned
109 (70.3%) exact matches, in which:
95 unique CDR3
2 unique J



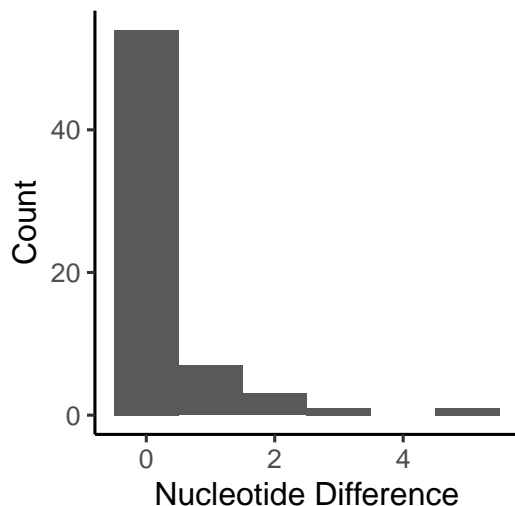
IGLV3-9*01EXT5

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



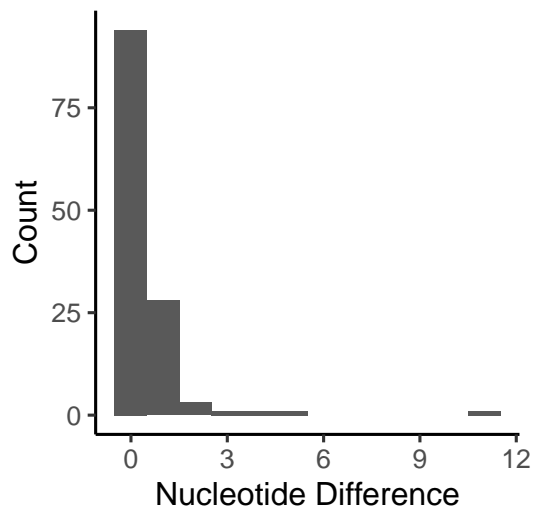
IGLV3-10*01

66 sequences assigned
54 (81.8%) exact matches, in which:
43 unique CDR3
2 unique J



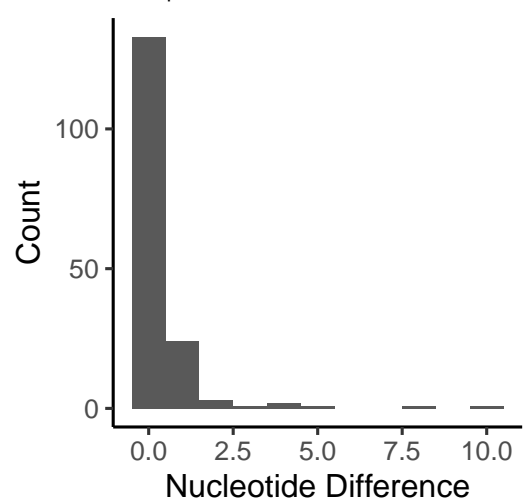
IGLV3-21*02

129 sequences assigned
94 (72.9%) exact matches, in which:
85 unique CDR3
3 unique J



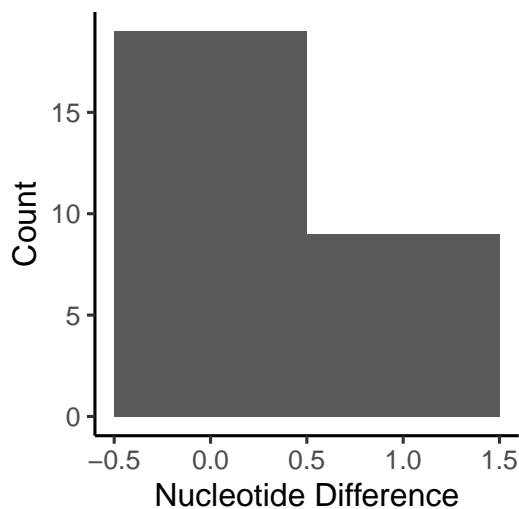
IGLV3-25*03

166 sequences assigned
133 (80.1%) exact matches, in which:
116 unique CDR3
2 unique J



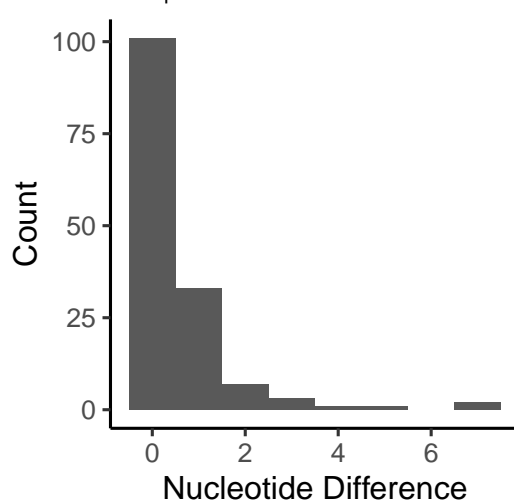
IGLV3-16*01

28 sequences assigned
19 (67.9%) exact matches, in which:
18 unique CDR3
2 unique J



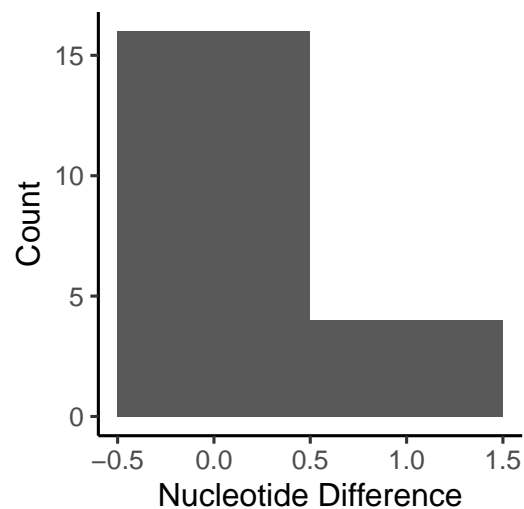
IGLV3-21*03

149 sequences assigned
101 (67.8%) exact matches, in which:
92 unique CDR3
2 unique J



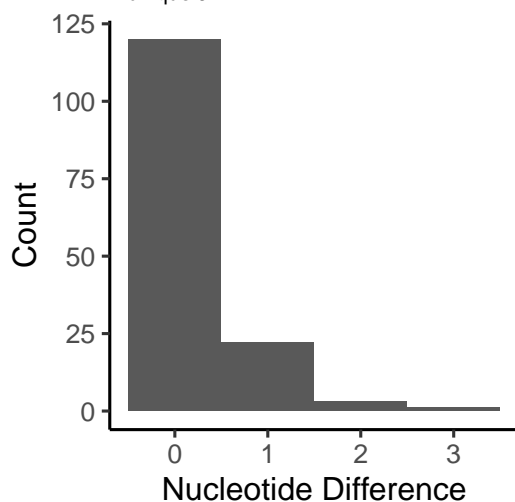
IGLV3-27*01

20 sequences assigned
16 (80%) exact matches, in which:
16 unique CDR3
1 unique J



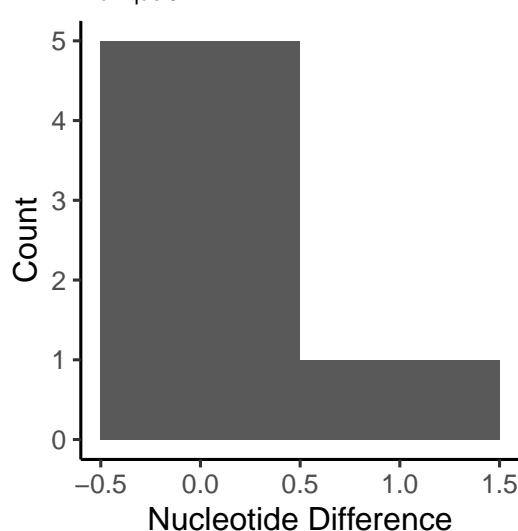
IGLV3-19*01

146 sequences assigned
120 (82.2%) exact matches, in which:
96 unique CDR3
2 unique J



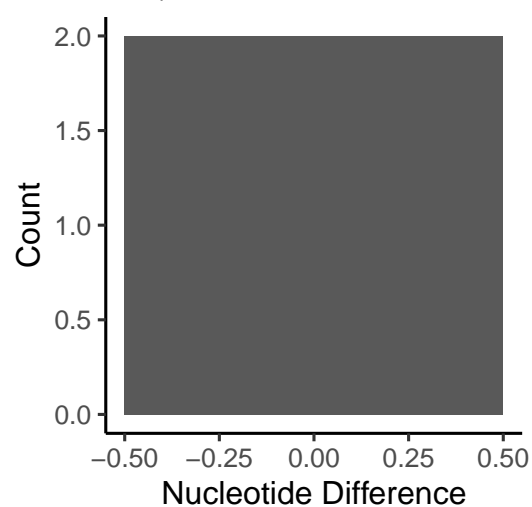
IGLV3-22*01

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



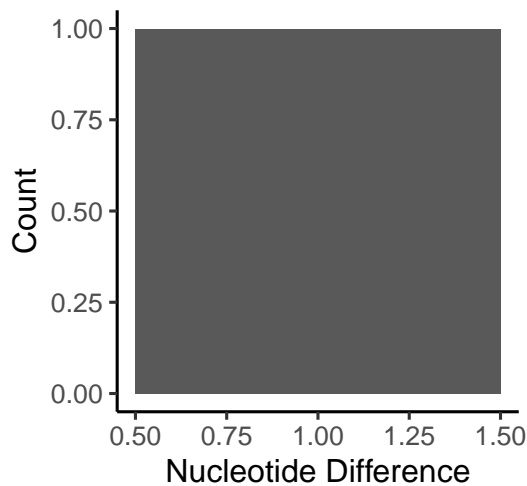
IGLV4-3*01

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



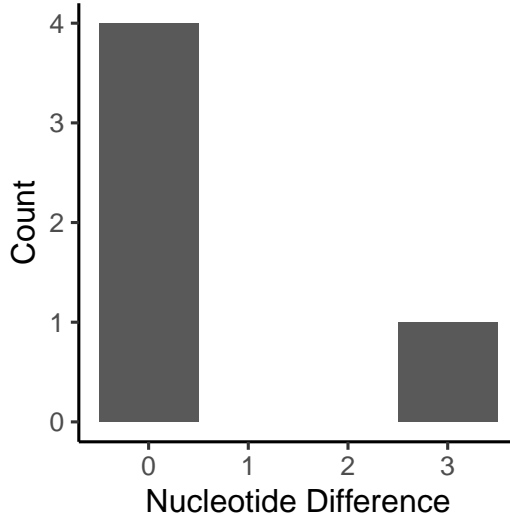
IGLV4-60*03EXT5

1 sequences assigned
No exact matches.



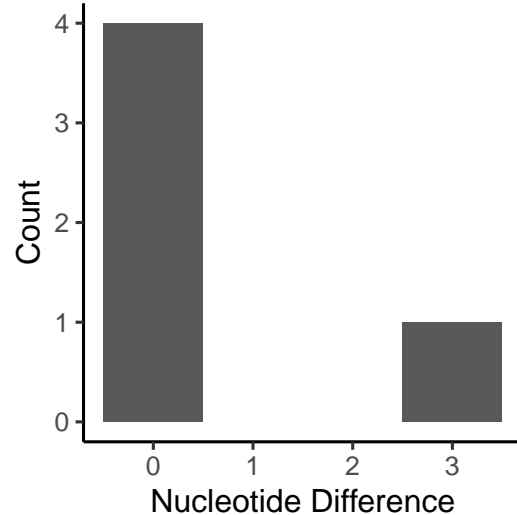
IGLV5-39*01

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



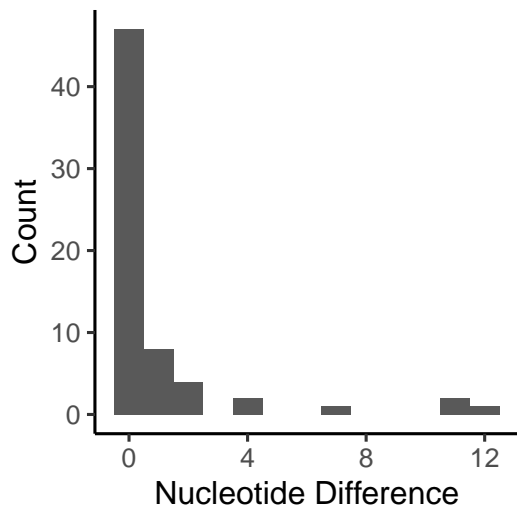
IGLV5-52*01

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



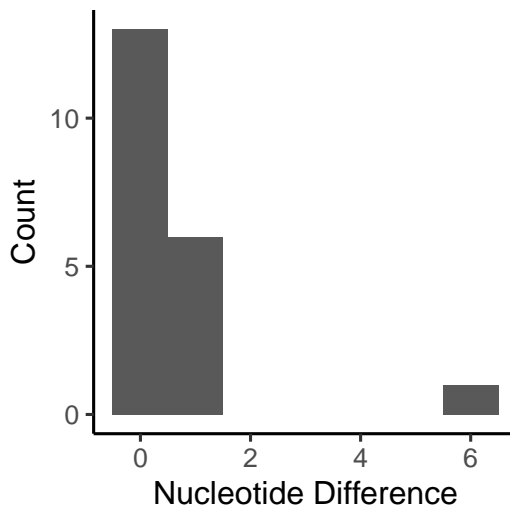
IGLV4-69*01

65 sequences assigned
47 (72.3%) exact matches, in which:
45 unique CDR3
3 unique J



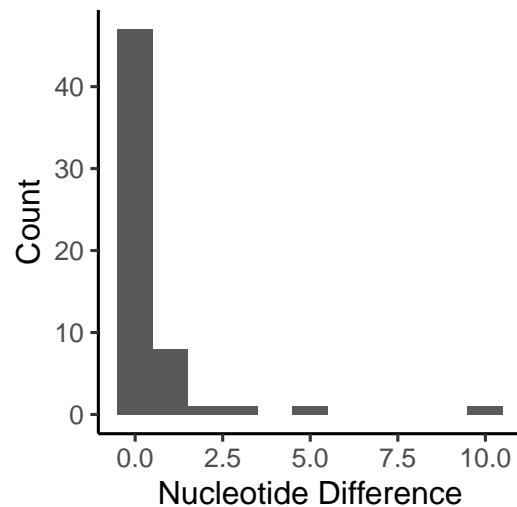
IGLV5-45*03

20 sequences assigned
13 (65%) exact matches, in which:
7 unique CDR3
2 unique J



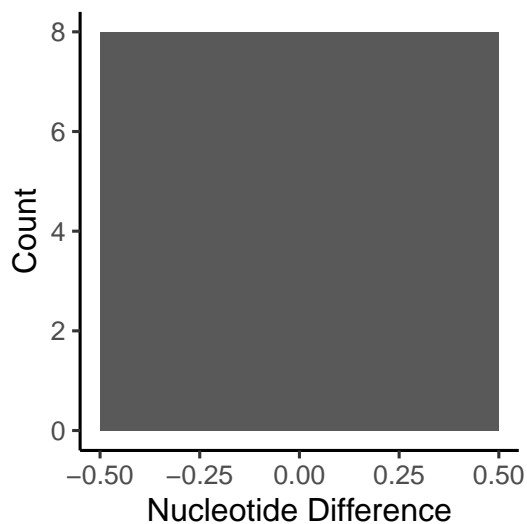
IGLV6-57*02

59 sequences assigned
47 (79.7%) exact matches, in which:
38 unique CDR3
2 unique J



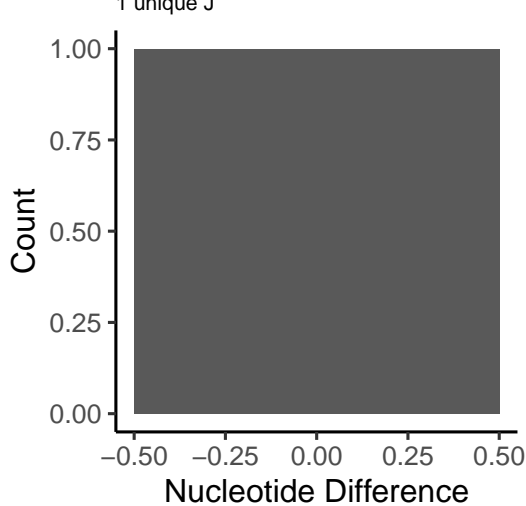
IGLV5-37*01

8 sequences assigned
8 (100%) exact matches, in which:
7 unique CDR3
2 unique J



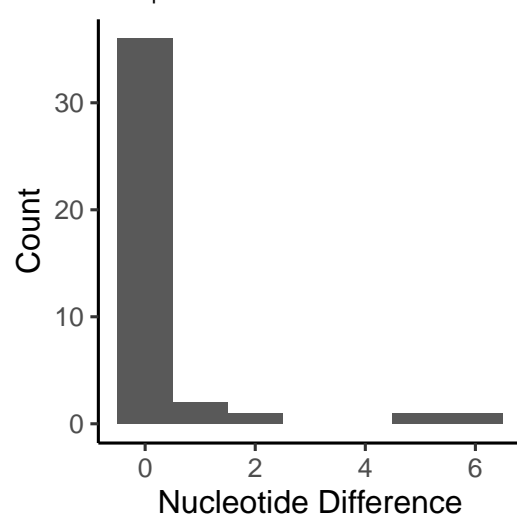
IGLV5-48*01

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



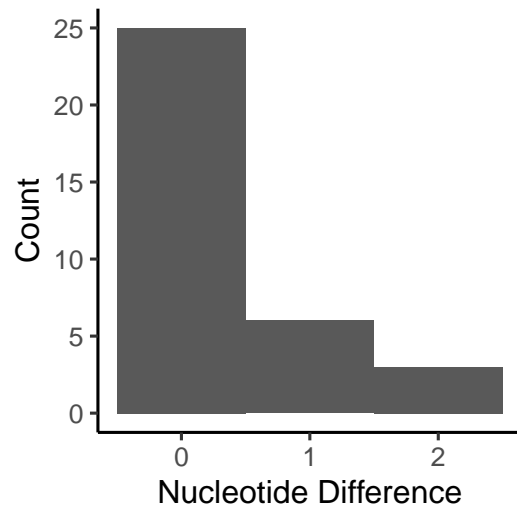
IGLV7-43*01

41 sequences assigned
36 (87.8%) exact matches, in which:
34 unique CDR3
2 unique J



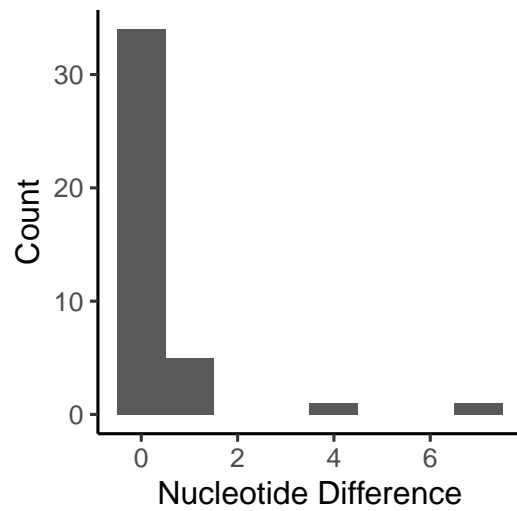
IGLV7-46*01

34 sequences assigned
25 (73.5%) exact matches, in which:
23 unique CDR3
2 unique J



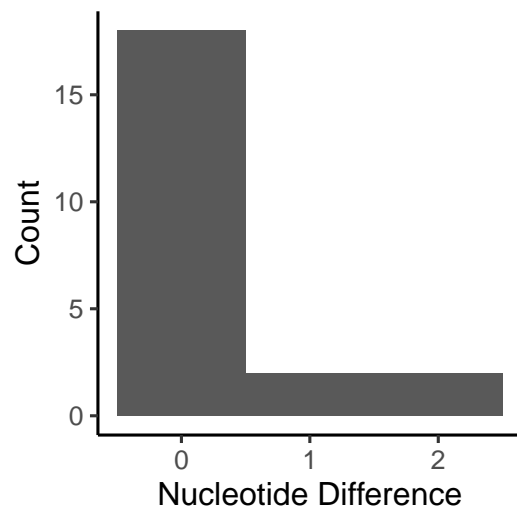
IGLV8-61*01

41 sequences assigned
34 (82.9%) exact matches, in which:
27 unique CDR3
2 unique J

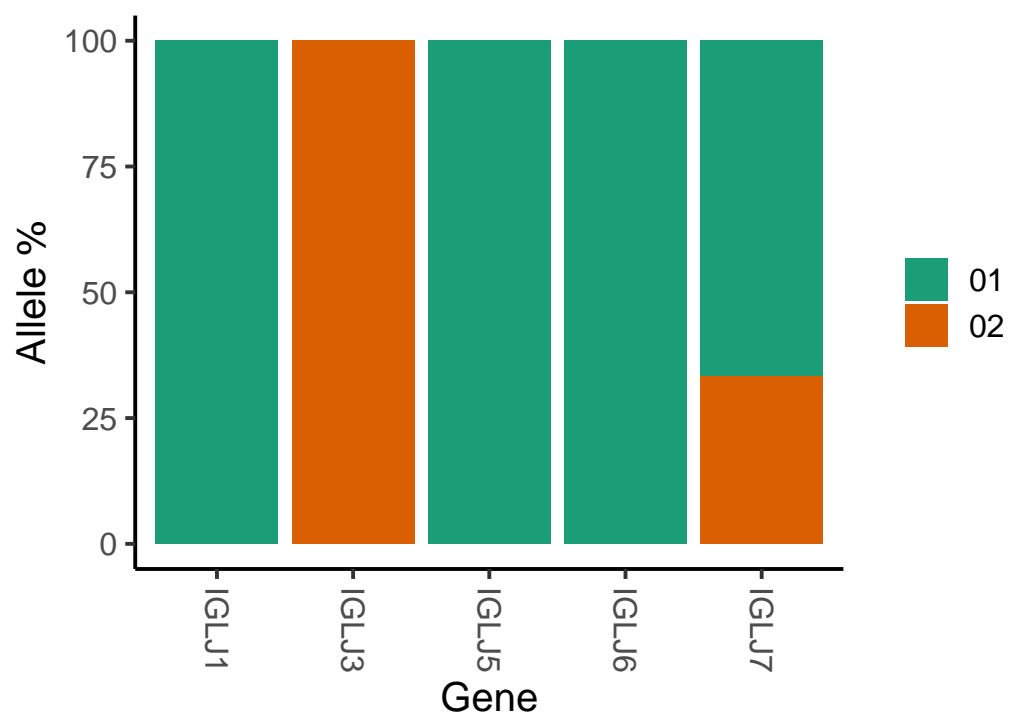


IGLV9-49*01

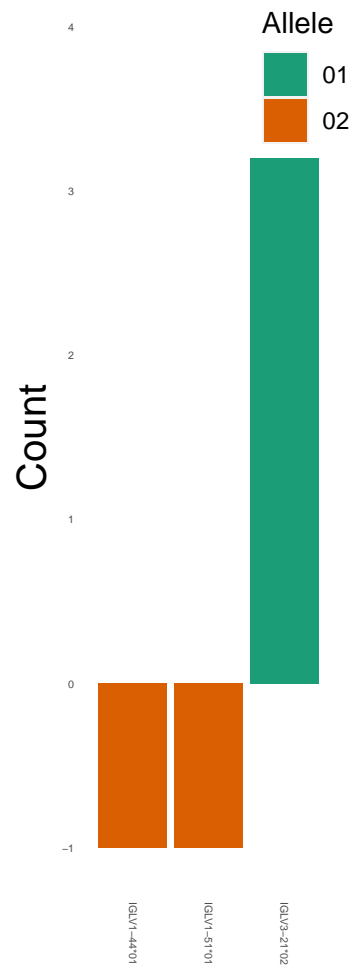
22 sequences assigned
18 (81.8%) exact matches, in which:
18 unique CDR3
2 unique J



Allele Usage



Sequence Count by IGLJ7 allele usage



Warning – no inferred sequences found.