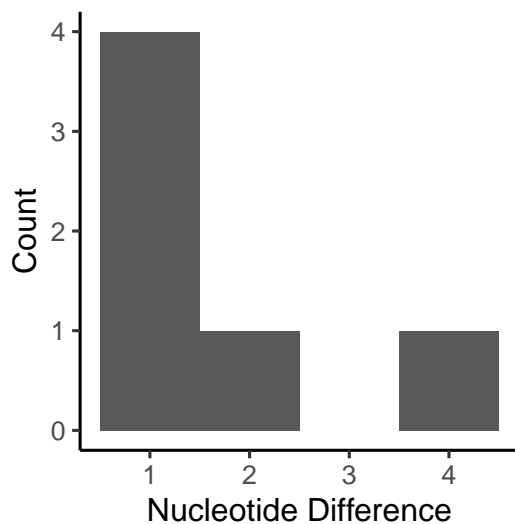


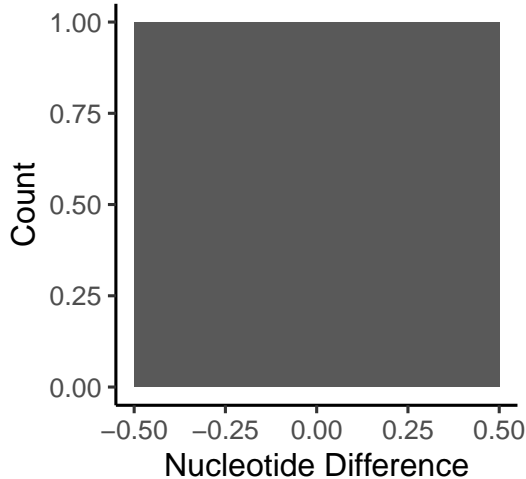
IGLV10-54*01

6 sequences assigned
No exact matches.



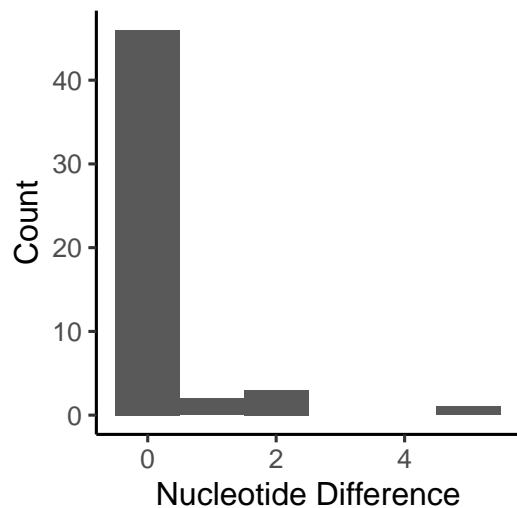
IGLV1-41*01

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



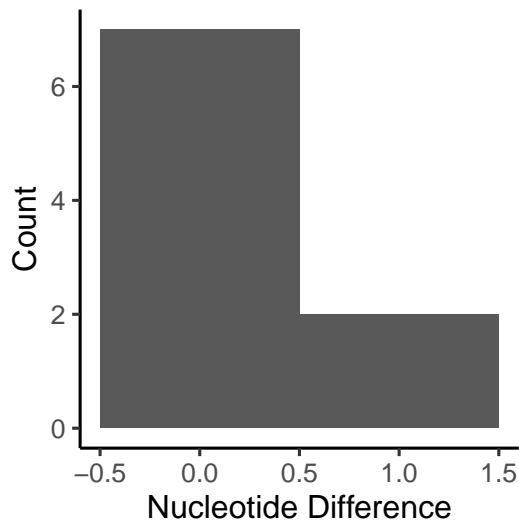
IGLV1-51*01

52 sequences assigned
46 (88.5%) exact matches, in which:
40 unique CDR3
3 unique J



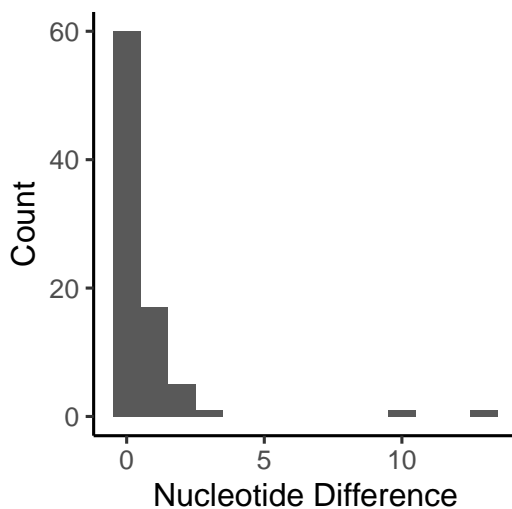
IGLV1-36*01

9 sequences assigned
7 (77.8%) exact matches, in which:
4 unique CDR3
1 unique J



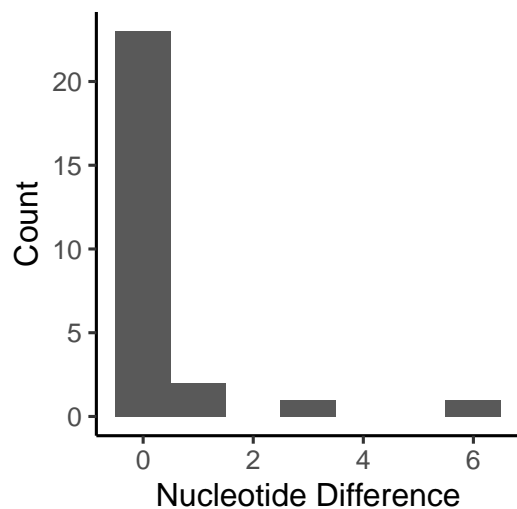
IGLV1-44*01

85 sequences assigned
60 (70.6%) exact matches, in which:
55 unique CDR3
3 unique J



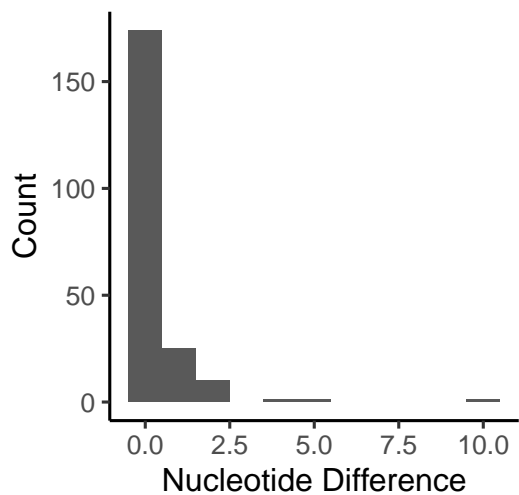
IGLV2-8*01

27 sequences assigned
23 (85.2%) exact matches, in which:
23 unique CDR3
2 unique J



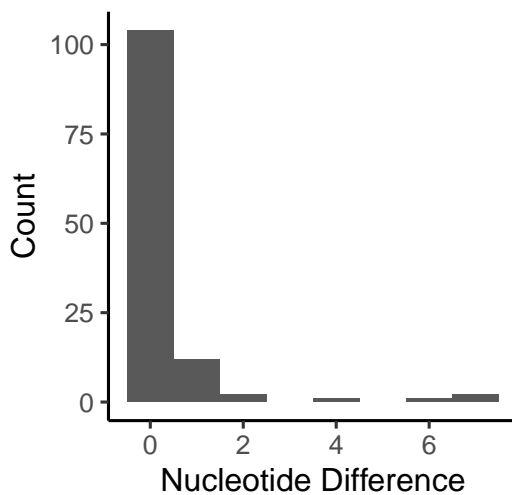
IGLV1-40*01

212 sequences assigned
174 (82.1%) exact matches, in which:
164 unique CDR3
2 unique J



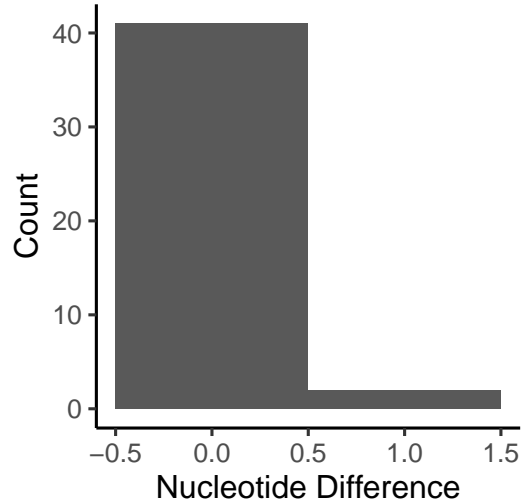
IGLV1-47*01

122 sequences assigned
104 (85.2%) exact matches, in which:
88 unique CDR3
3 unique J



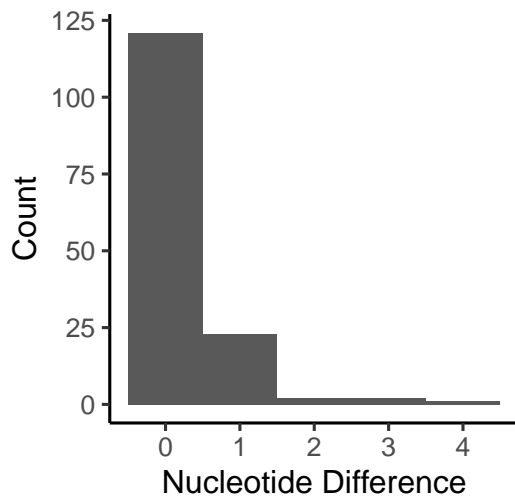
IGLV2-11*01

43 sequences assigned
41 (95.3%) exact matches, in which:
37 unique CDR3
2 unique J



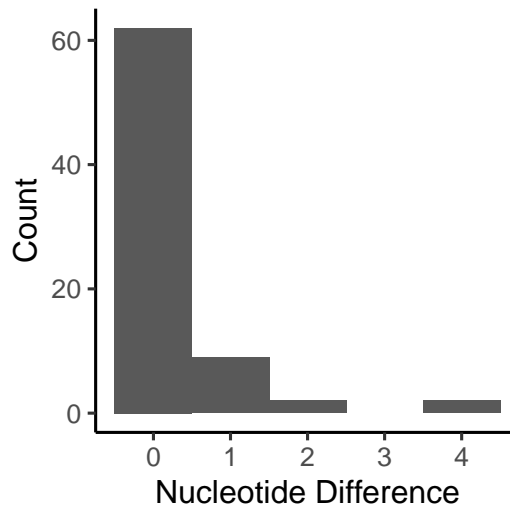
IGLV2-14*03EXT3

149 sequences assigned
121 (81.2%) exact matches, in which:
112 unique CDR3
2 unique J



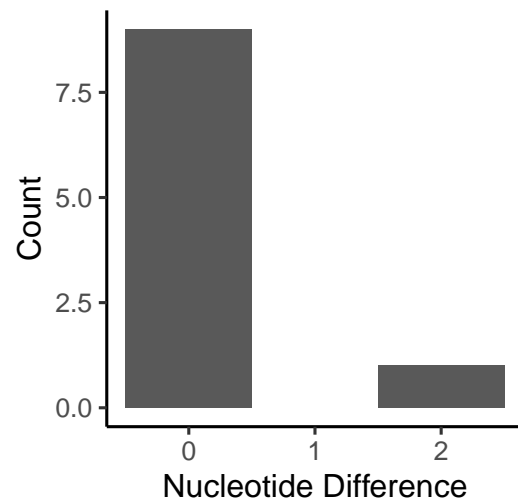
IGLV2-23*02EXT5

75 sequences assigned
62 (82.7%) exact matches, in which:
60 unique CDR3
2 unique J



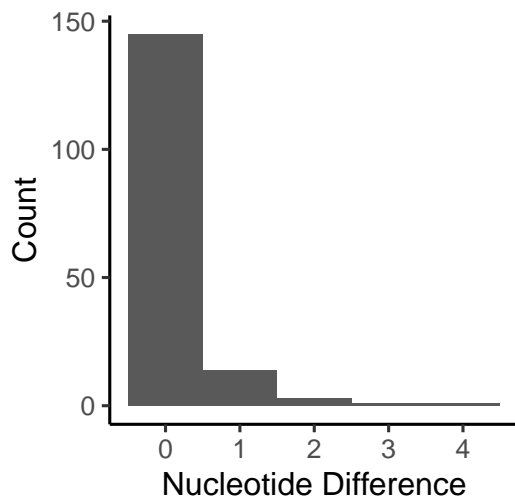
IGLV3-9*01EXT5

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



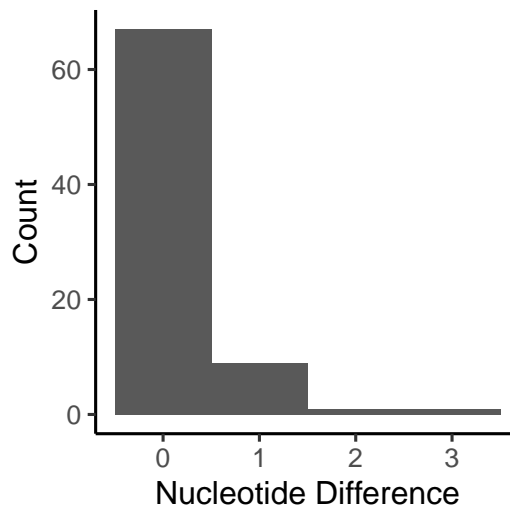
IGLV2-14*04EXT3

164 sequences assigned
145 (88.4%) exact matches, in which:
136 unique CDR3
2 unique J



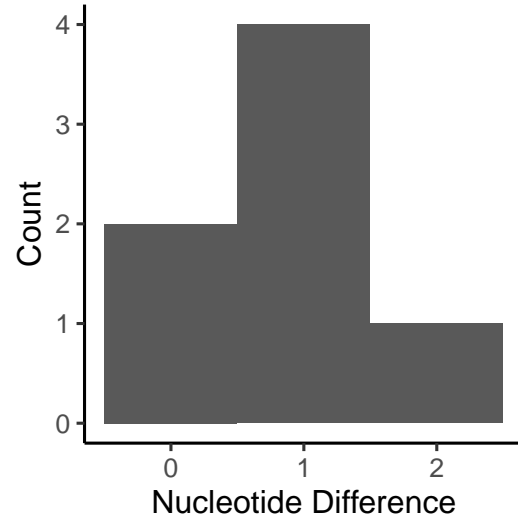
IGLV2-23*03EXT5

78 sequences assigned
67 (85.9%) exact matches, in which:
66 unique CDR3
3 unique J



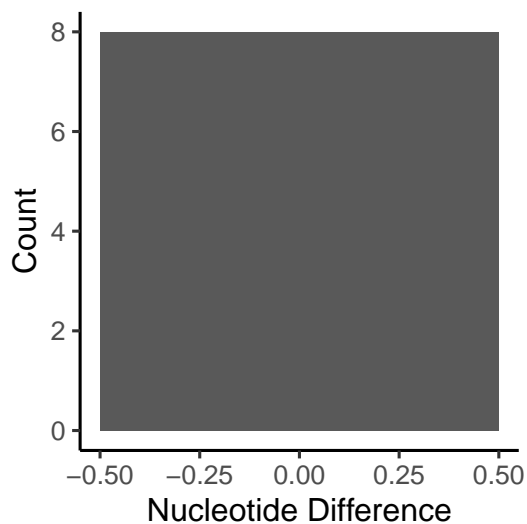
IGLV3-10*01

7 sequences assigned
2 (28.6%) exact matches, in which:
2 unique CDR3
1 unique J



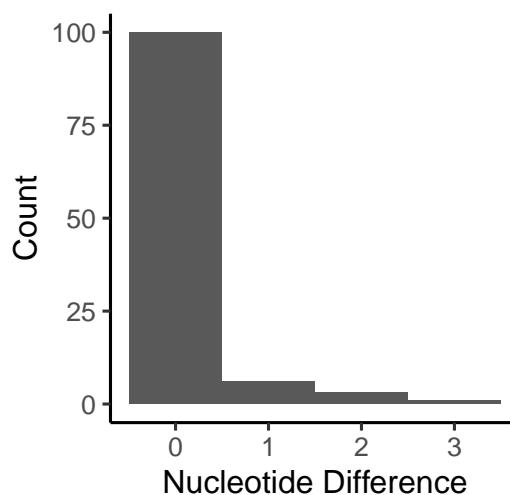
IGLV2-18*02

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



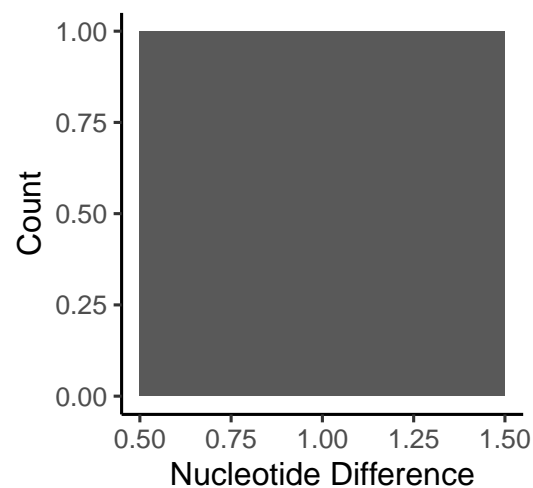
IGLV3-1*01

110 sequences assigned
100 (90.9%) exact matches, in which:
94 unique CDR3
3 unique J



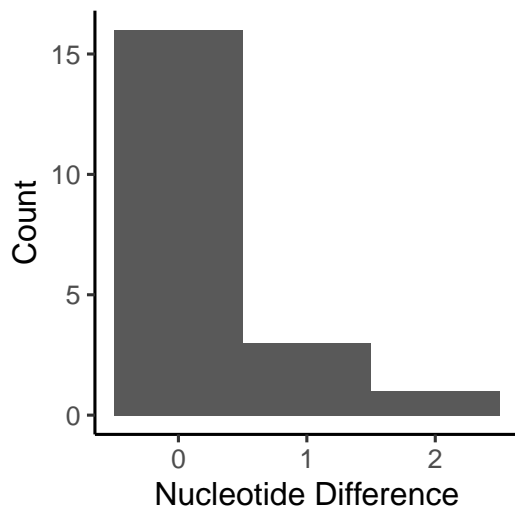
IGLV3-12*02

1 sequences assigned
No exact matches.



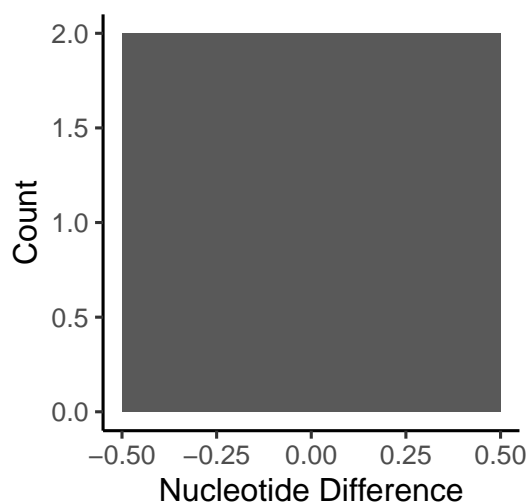
IGLV3-16*01

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



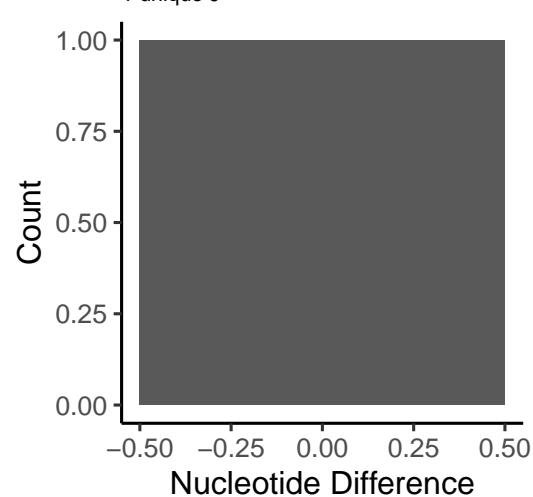
IGLV3-22*01

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



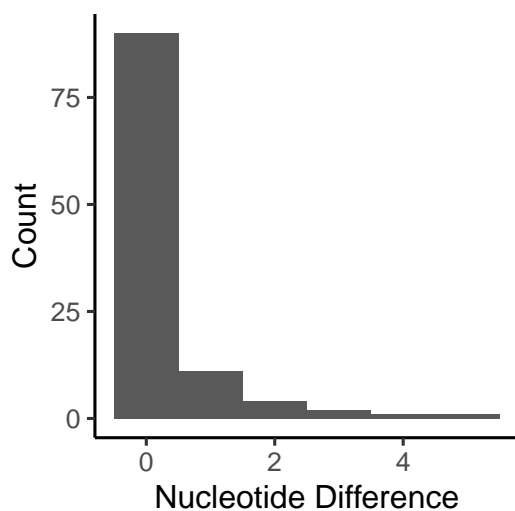
IGLV4-3*01

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



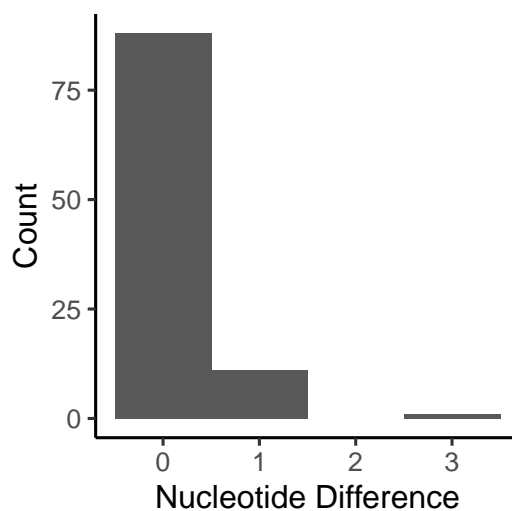
IGLV3-19*01

109 sequences assigned
90 (82.6%) exact matches, in which:
80 unique CDR3
2 unique J



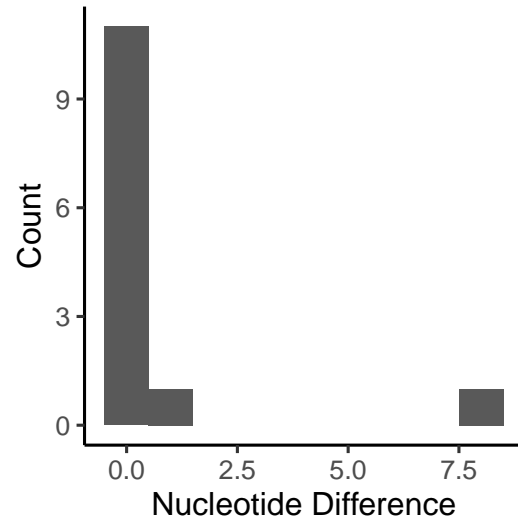
IGLV3-25*03

100 sequences assigned
88 (88%) exact matches, in which:
86 unique CDR3
2 unique J



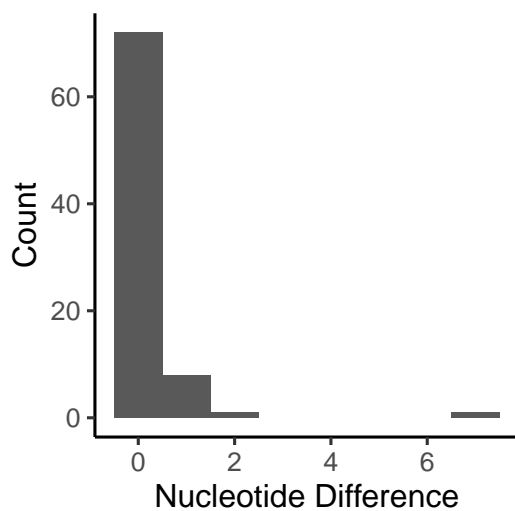
IGLV4-60*03EXT5

13 sequences assigned
11 (84.6%) exact matches, in which:
11 unique CDR3
2 unique J



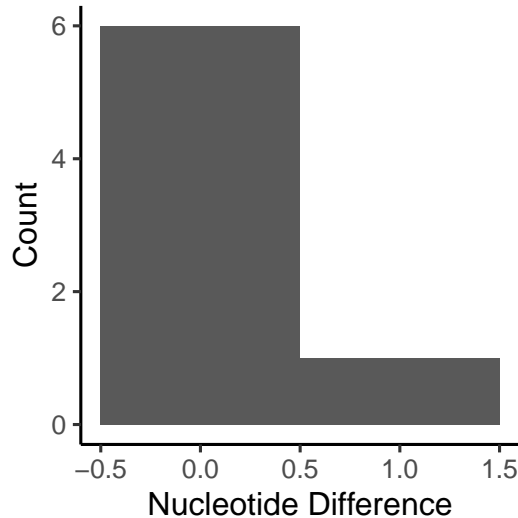
IGLV3-21*04

82 sequences assigned
72 (87.8%) exact matches, in which:
68 unique CDR3
3 unique J



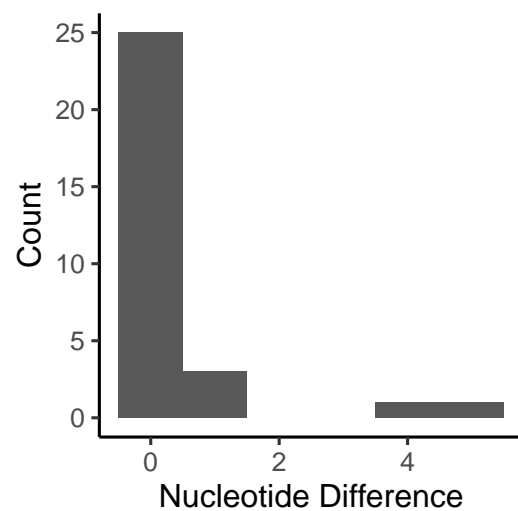
IGLV3-27*01

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



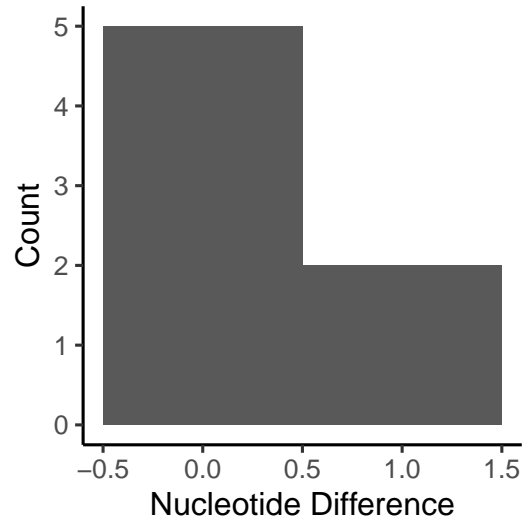
IGLV4-69*01

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



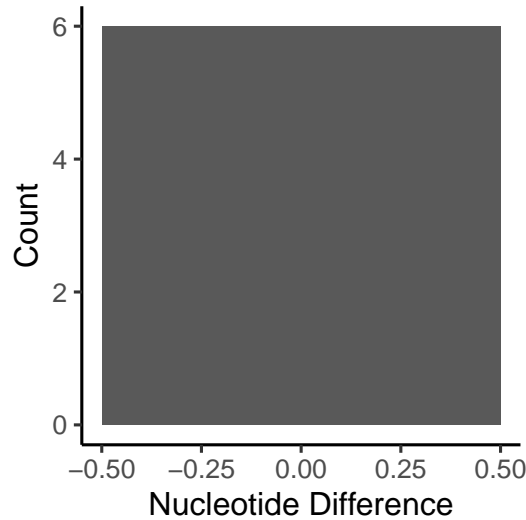
IGLV5-37*01

7 sequences assigned
5 (71.4%) exact matches, in which:
4 unique CDR3
2 unique J



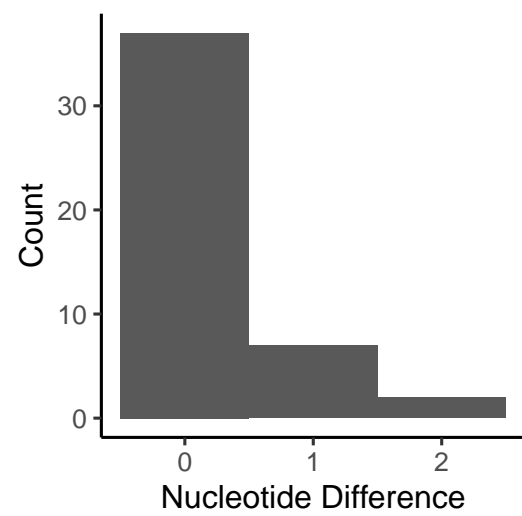
IGLV5-45*03

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



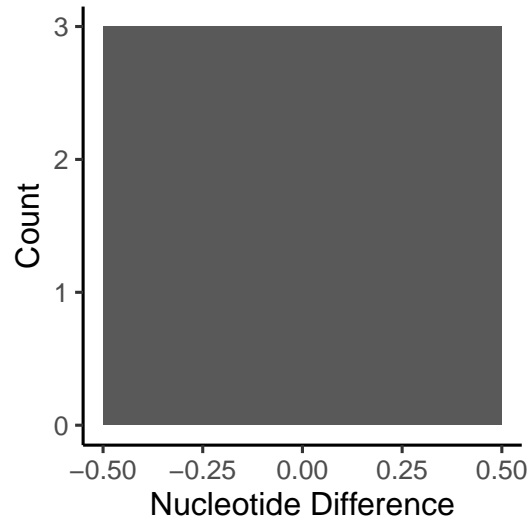
IGLV7-43*01

46 sequences assigned
37 (80.4%) exact matches, in which:
35 unique CDR3
3 unique J



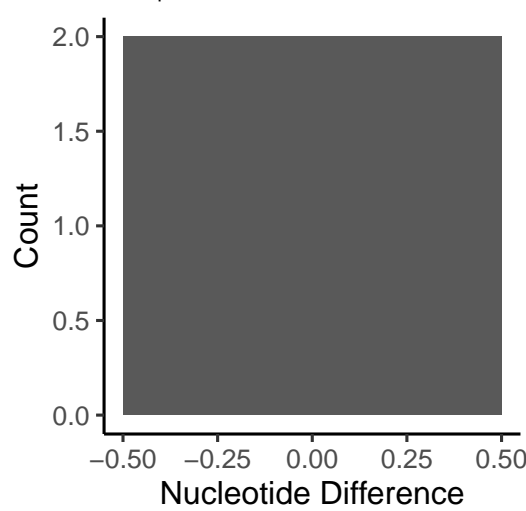
IGLV5-39*01

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



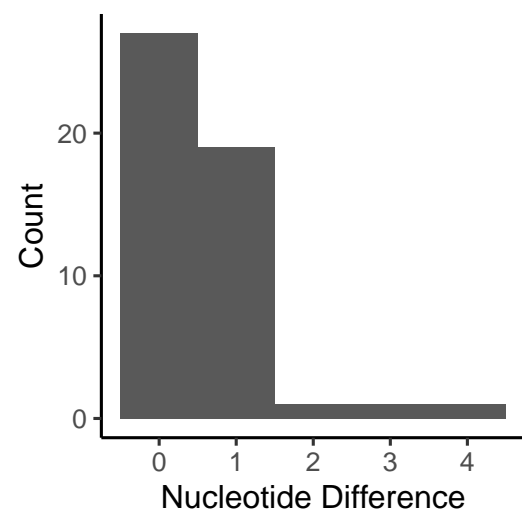
IGLV5-52*01

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



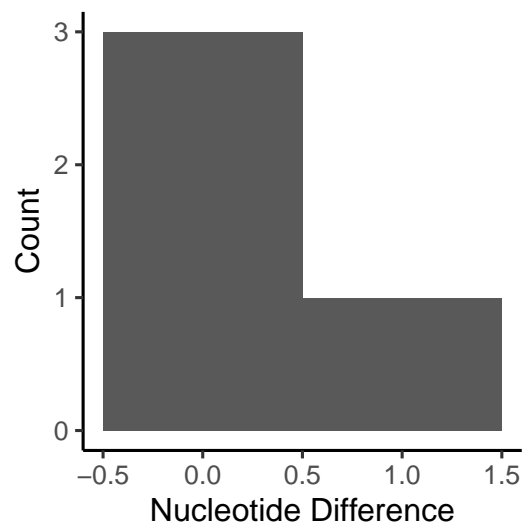
IGLV7-46*01

49 sequences assigned
27 (55.1%) exact matches, in which:
25 unique CDR3
3 unique J



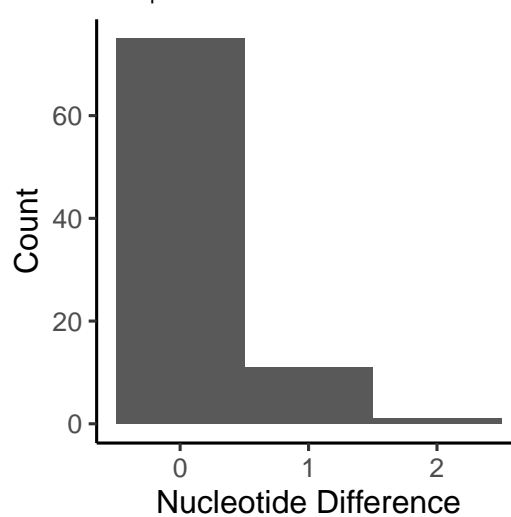
IGLV5-45*01

4 sequences assigned
3 (75%) exact matches, in which:
3 unique CDR3
2 unique J



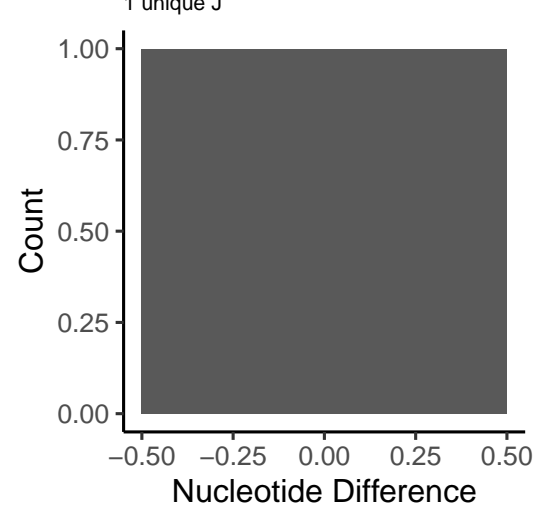
IGLV6-57*01

87 sequences assigned
75 (86.2%) exact matches, in which:
71 unique CDR3
3 unique J



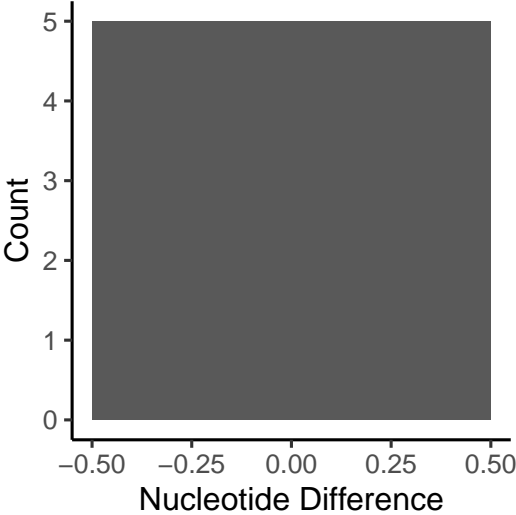
IGLV8-61*02

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



IGLV9-49*01

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



Allele Usage



Warning – no inferred sequences found.