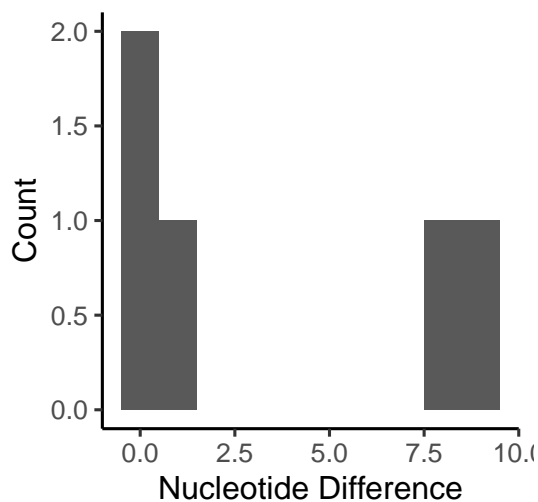


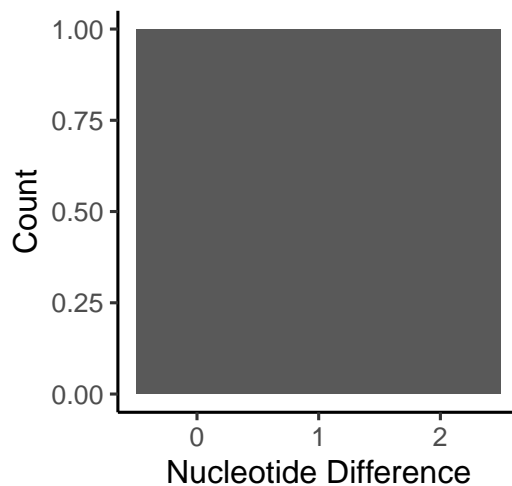
IGLV10-54*01

9 sequences assigned
2 (22.2%) exact matches, in which:
1 unique CDR3
1 unique J



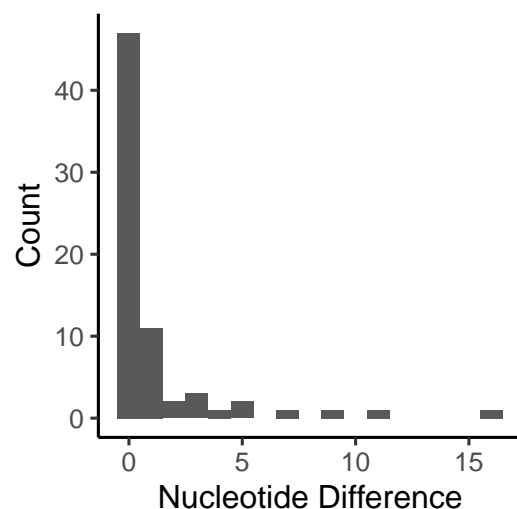
IGLV1-41*01

3 sequences assigned
1 (33.3%) exact matches, in which:
1 unique CDR3
1 unique J



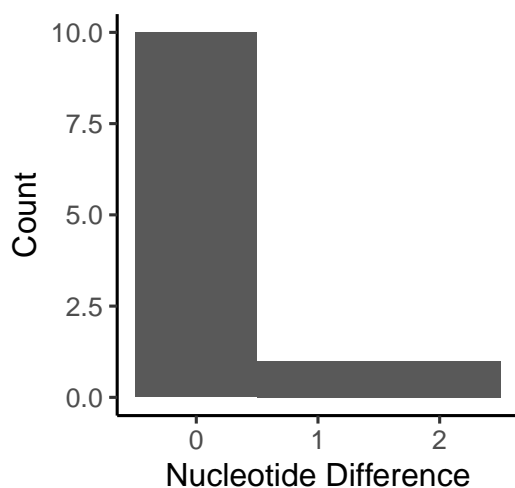
IGLV1-47*02

71 sequences assigned
47 (66.2%) exact matches, in which:
44 unique CDR3
2 unique J



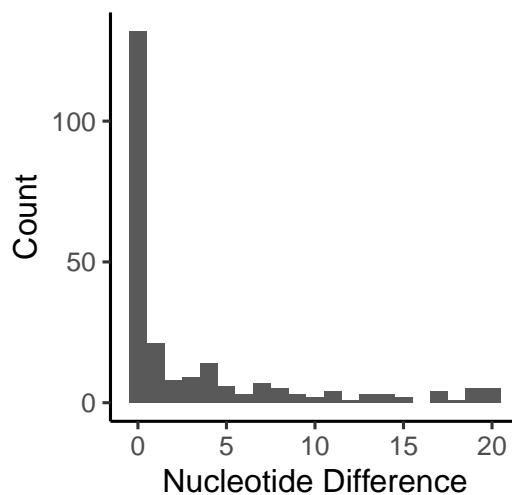
IGLV1-36*01

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



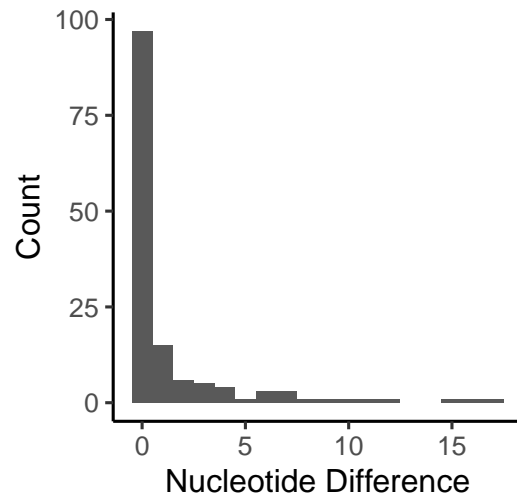
IGLV1-44*01

260 sequences assigned
132 (50.8%) exact matches, in which:
98 unique CDR3
3 unique J



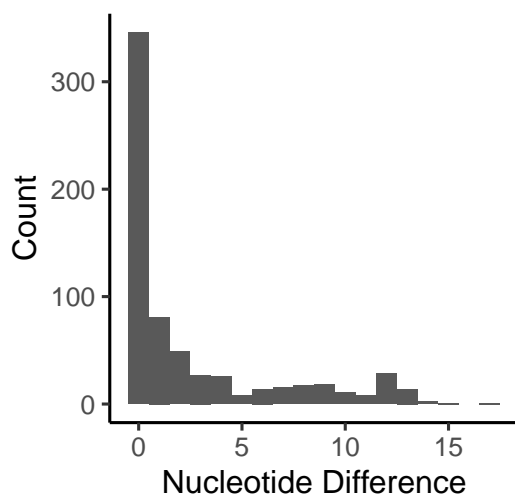
IGLV1-51*01

142 sequences assigned
97 (68.3%) exact matches, in which:
68 unique CDR3
3 unique J



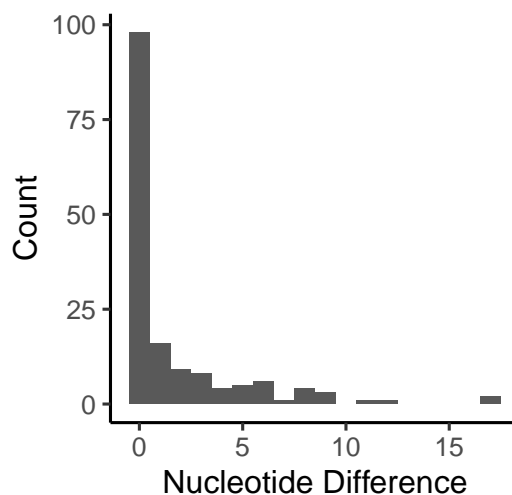
IGLV1-40*01

670 sequences assigned
346 (51.6%) exact matches, in which:
254 unique CDR3
3 unique J



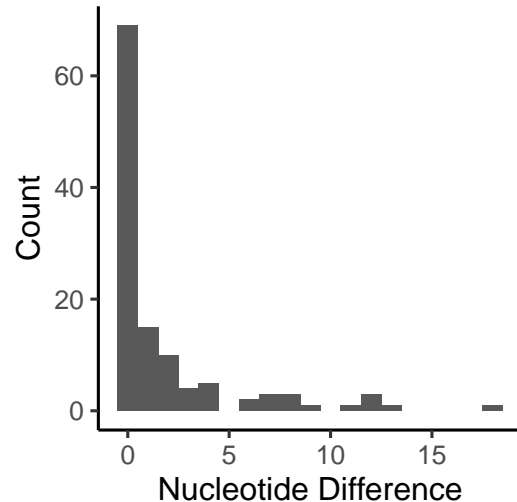
IGLV1-47*01

158 sequences assigned
98 (62%) exact matches, in which:
85 unique CDR3
2 unique J



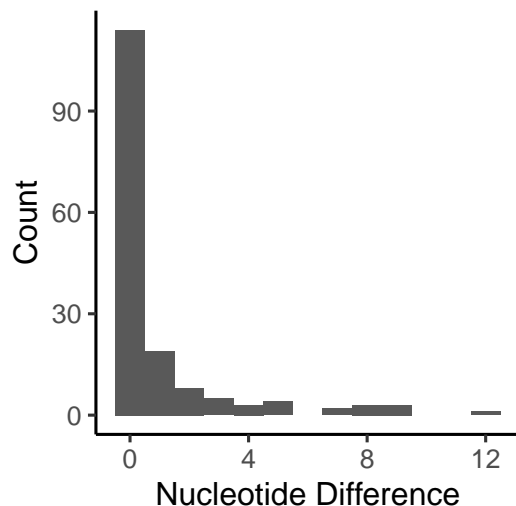
IGLV2-8*01

119 sequences assigned
69 (58%) exact matches, in which:
64 unique CDR3
2 unique J



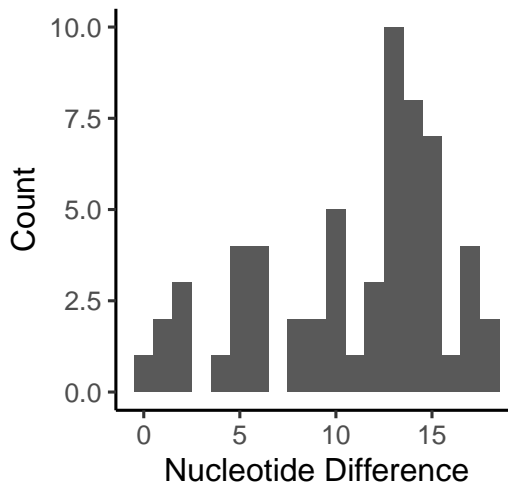
IGLV2-11*01

162 sequences assigned
114 (70.4%) exact matches, in which:
110 unique CDR3
3 unique J



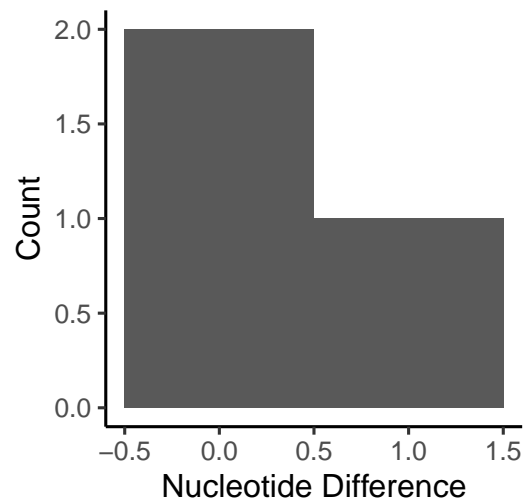
IGLV2-14*03EXT3

60 sequences assigned
1 (1.7%) exact matches, in which:
1 unique CDR3
1 unique J



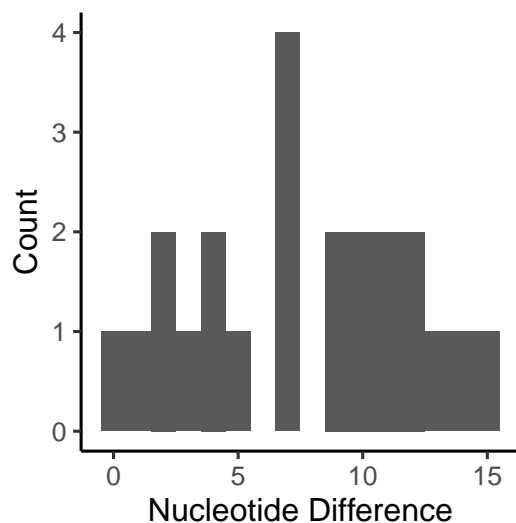
IGLV2-23*01

3 sequences assigned
2 (66.7%) exact matches, in which:
2 unique CDR3
1 unique J



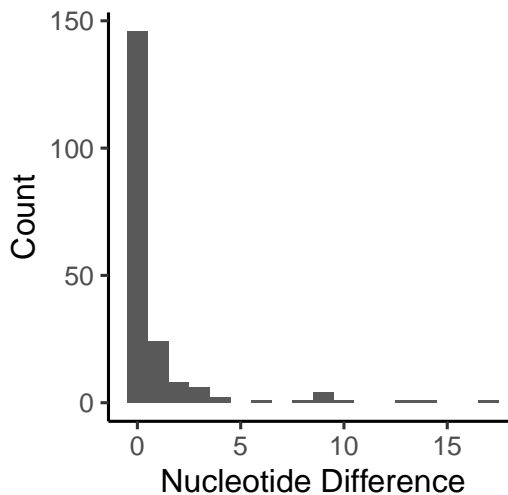
IGLV2-11*03EXT3

23 sequences assigned
1 (4.3%) exact matches, in which:
1 unique CDR3
1 unique J



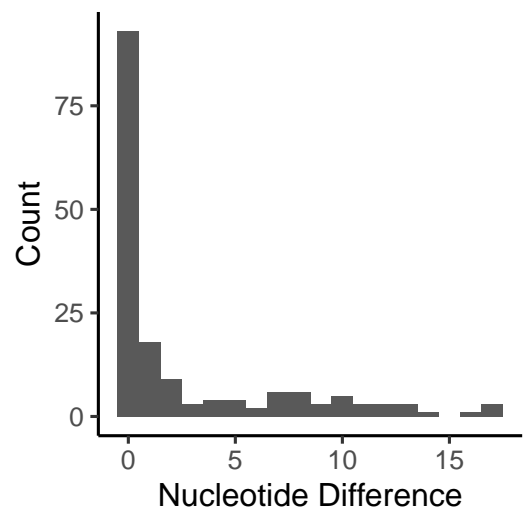
IGLV2-14*04EXT3

196 sequences assigned
146 (74.5%) exact matches, in which:
139 unique CDR3
2 unique J



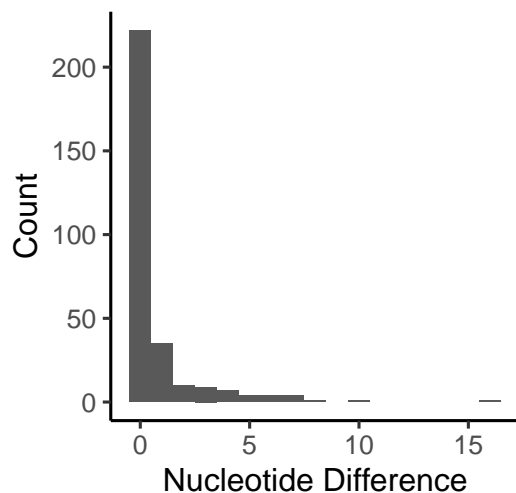
IGLV2-23*02EXT5

167 sequences assigned
93 (55.7%) exact matches, in which:
86 unique CDR3
3 unique J



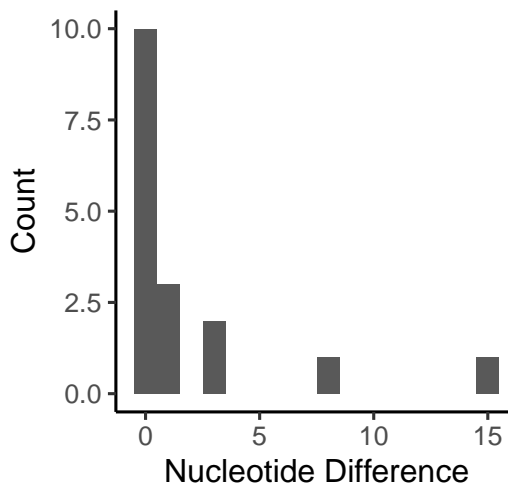
IGLV2-14*01

299 sequences assigned
222 (74.2%) exact matches, in which:
202 unique CDR3
3 unique J



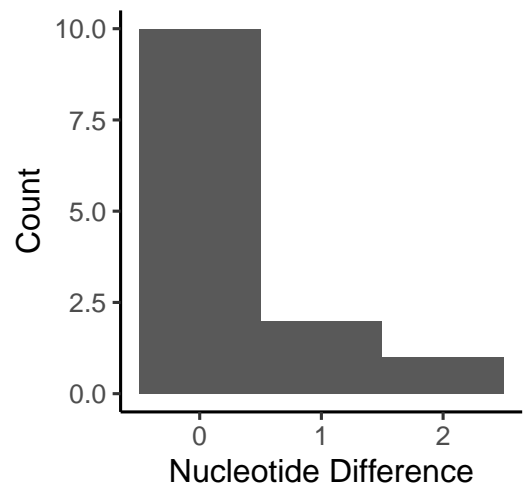
IGLV2-18*02

17 sequences assigned
10 (58.8%) exact matches, in which:
7 unique CDR3
2 unique J



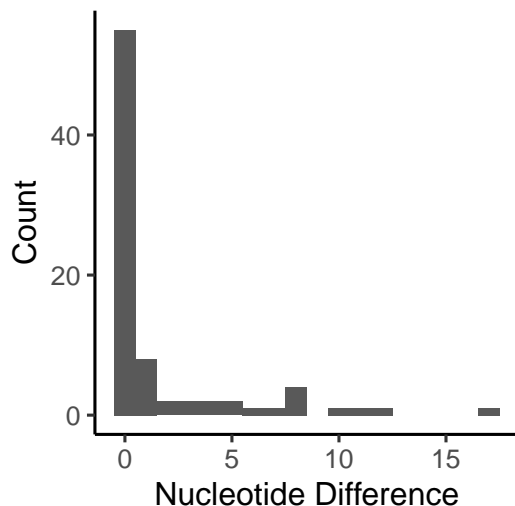
IGLV2-23*03EXT5

13 sequences assigned
10 (76.9%) exact matches, in which:
10 unique CDR3
2 unique J



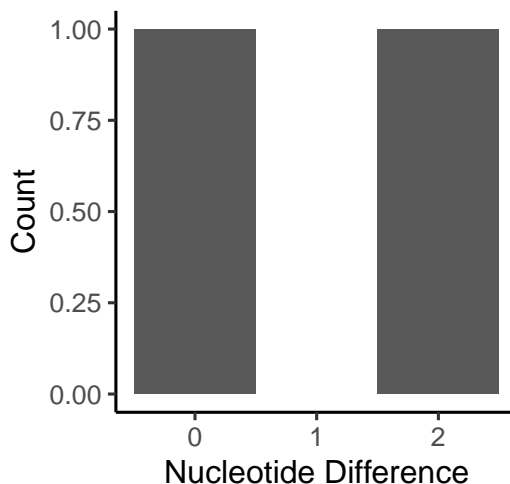
IGLV3-1*01

82 sequences assigned
55 (67.1%) exact matches, in which:
53 unique CDR3
2 unique J



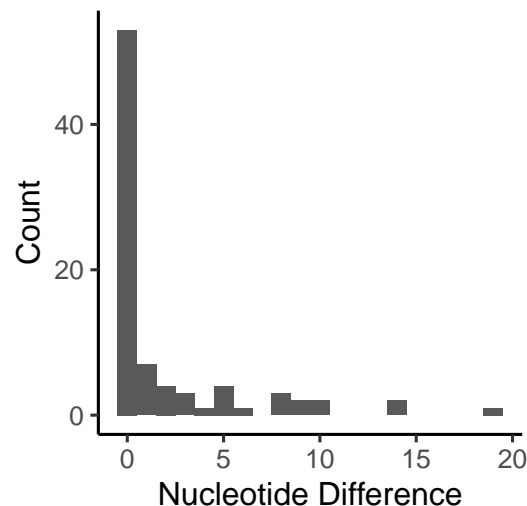
IGLV3-12*02

2 sequences assigned
1 (50%) exact matches, in which:
1 unique CDR3
1 unique J



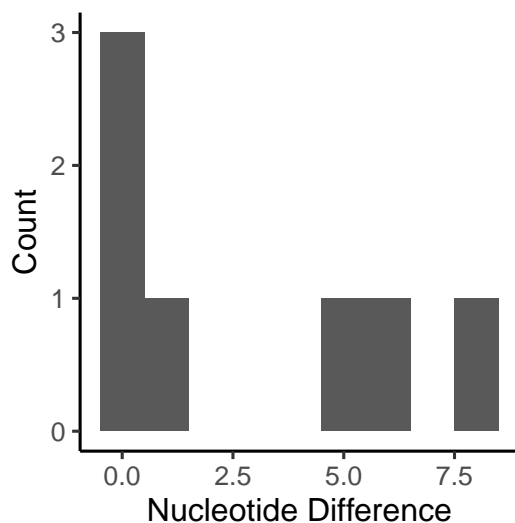
IGLV3-21*02

89 sequences assigned
53 (59.6%) exact matches, in which:
53 unique CDR3
2 unique J



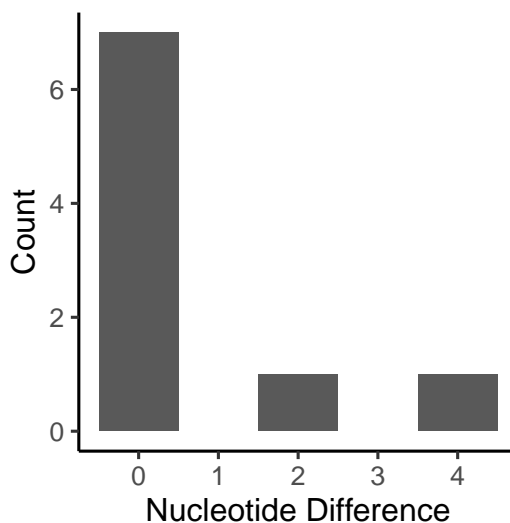
IGLV3-9*01EXT5

7 sequences assigned
3 (42.9%) exact matches, in which:
3 unique CDR3
2 unique J



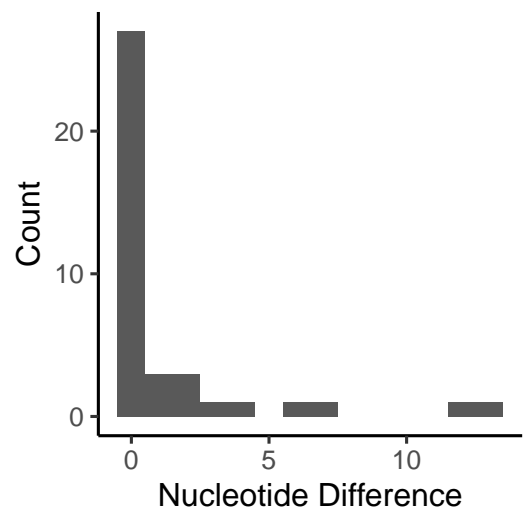
IGLV3-16*01

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



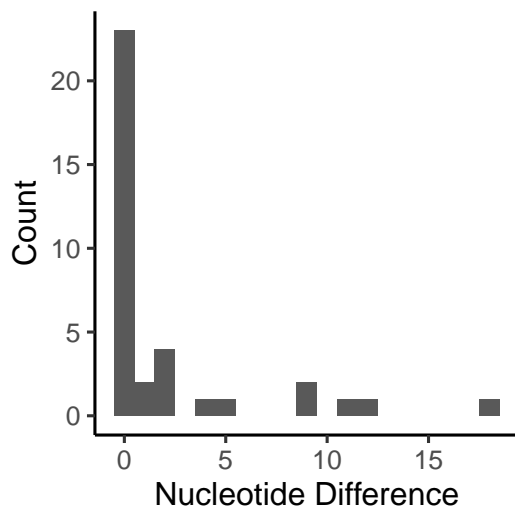
IGLV3-21*03

40 sequences assigned
27 (67.5%) exact matches, in which:
27 unique CDR3
3 unique J



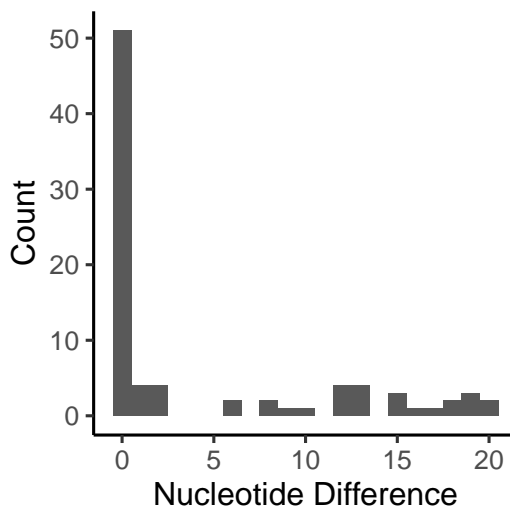
IGLV3-10*01

36 sequences assigned
23 (63.9%) exact matches, in which:
21 unique CDR3
2 unique J



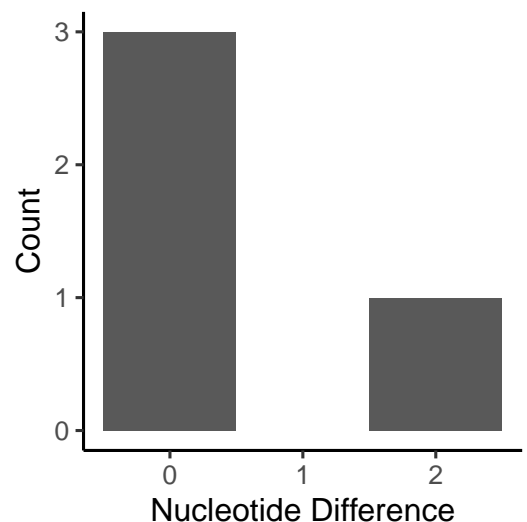
IGLV3-19*01

107 sequences assigned
51 (47.7%) exact matches, in which:
44 unique CDR3
2 unique J



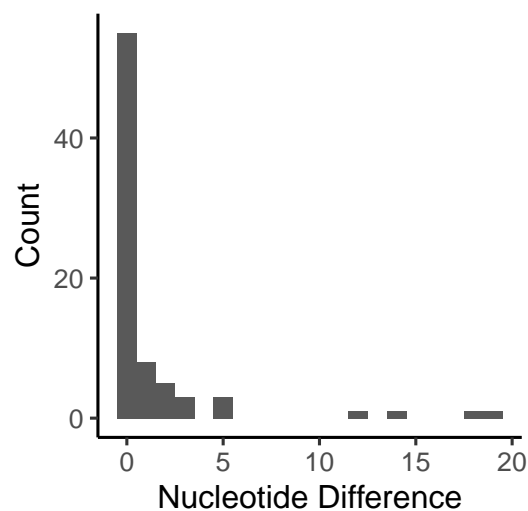
IGLV3-22*01

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



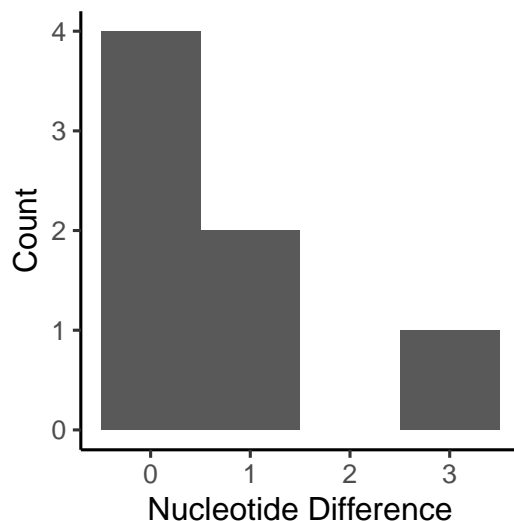
IGLV3-25*02

78 sequences assigned
55 (70.5%) exact matches, in which:
50 unique CDR3
2 unique J



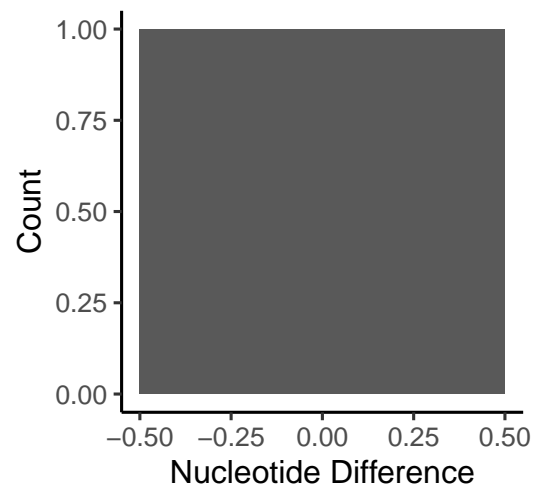
IGLV4-60*02

7 sequences assigned
4 (57.1%) exact matches, in which:
4 unique CDR3
2 unique J



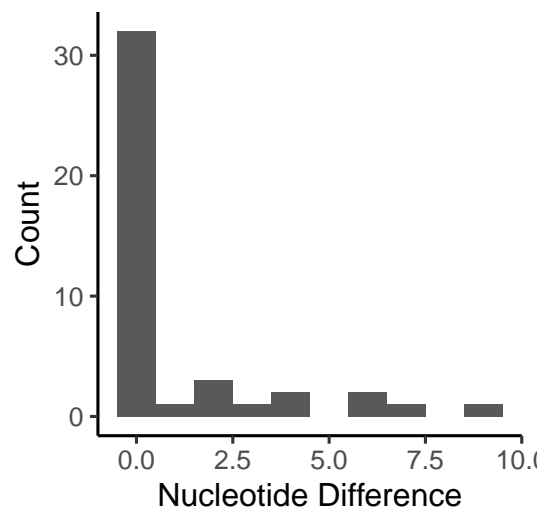
IGLV5-37*01

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



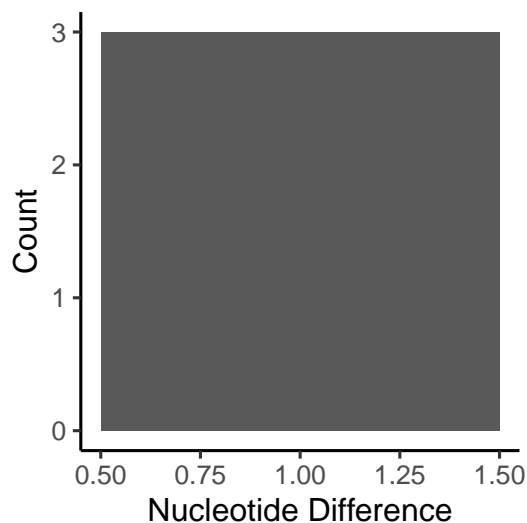
IGLV3-25*03

43 sequences assigned
32 (74.4%) exact matches, in which:
32 unique CDR3
2 unique J



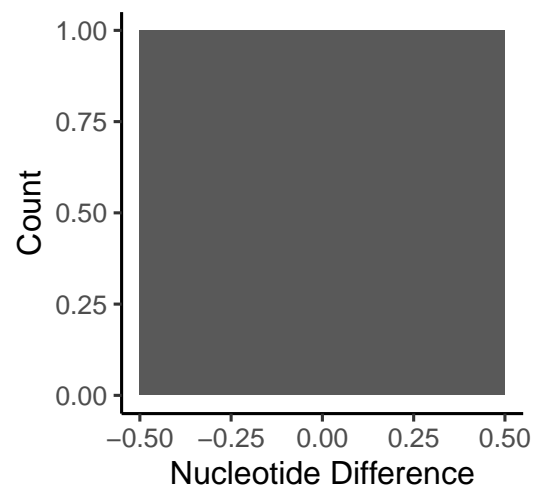
IGLV4-60*03EXT5

3 sequences assigned
No exact matches.



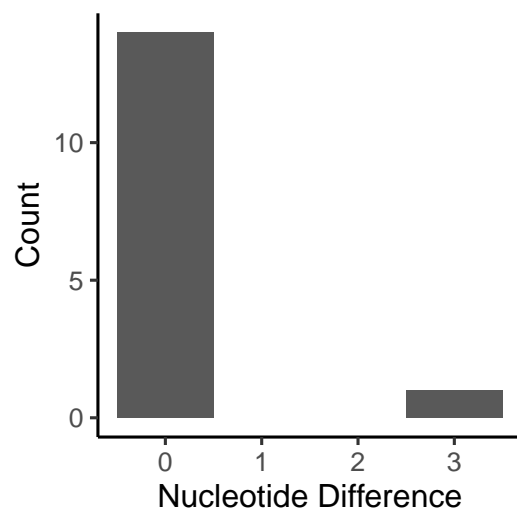
IGLV5-39*01

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



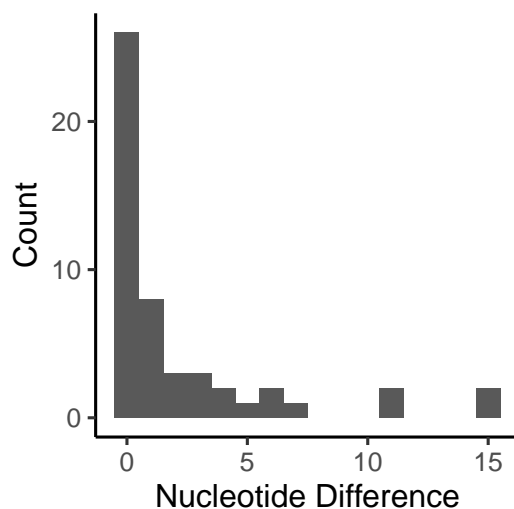
IGLV3-27*01

15 sequences assigned
14 (93.3%) exact matches, in which:
12 unique CDR3
1 unique J



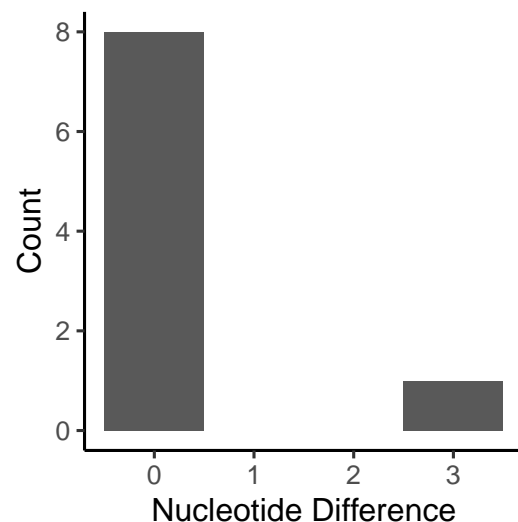
IGLV4-69*01

52 sequences assigned
26 (50%) exact matches, in which:
21 unique CDR3
2 unique J



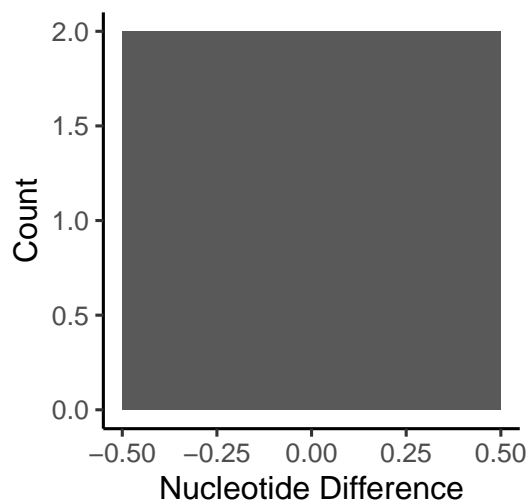
IGLV5-45*03

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



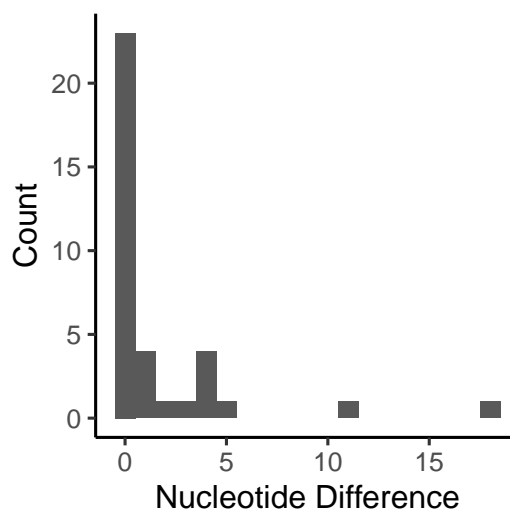
IGLV5-52*01

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



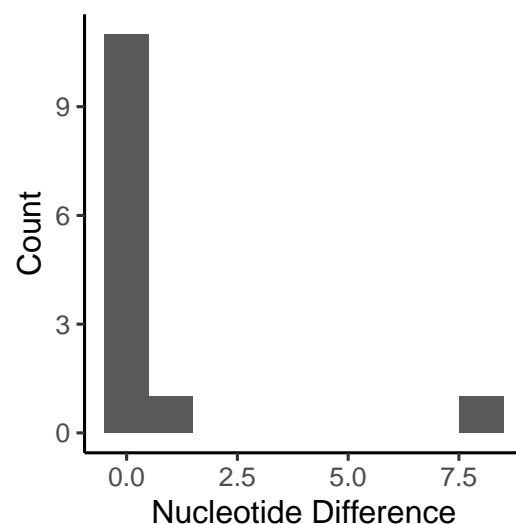
IGLV7-43*01

36 sequences assigned
23 (63.9%) exact matches, in which:
22 unique CDR3
2 unique J



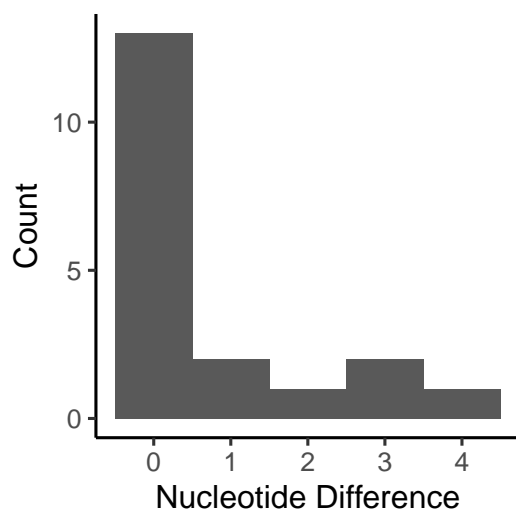
IGLV9-49*01

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



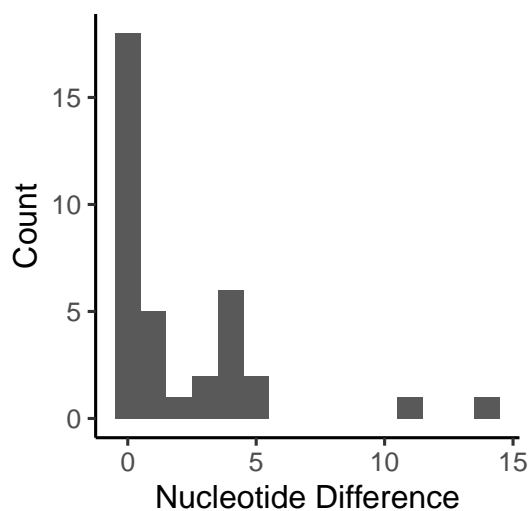
IGLV6-57*01

19 sequences assigned
13 (68.4%) exact matches, in which:
13 unique CDR3
1 unique J



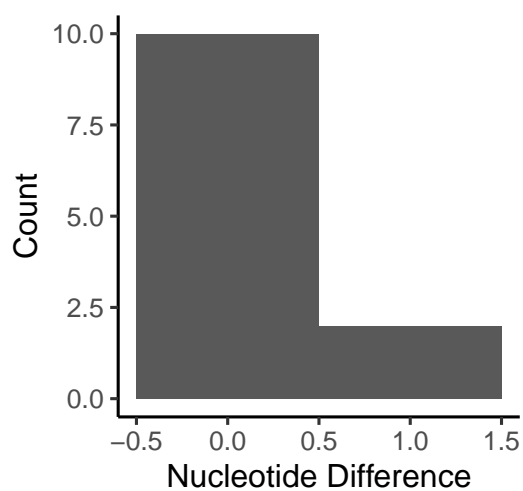
IGLV7-46*01

36 sequences assigned
18 (50%) exact matches, in which:
15 unique CDR3
2 unique J



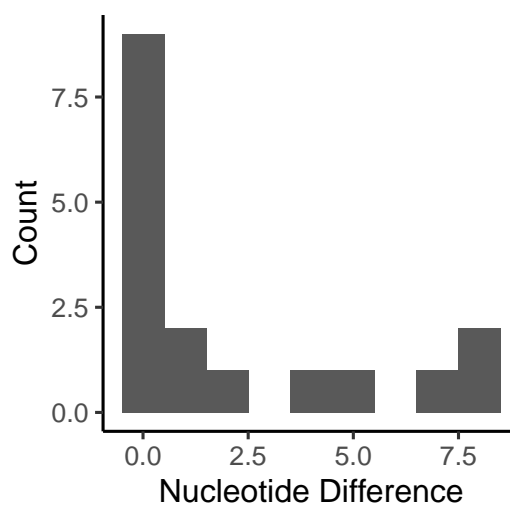
IGLV6-57*03

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



IGLV8-61*01

18 sequences assigned
9 (50%) exact matches, in which:
9 unique CDR3
1 unique J



Allele Usage



Warning – no inferred sequences found.