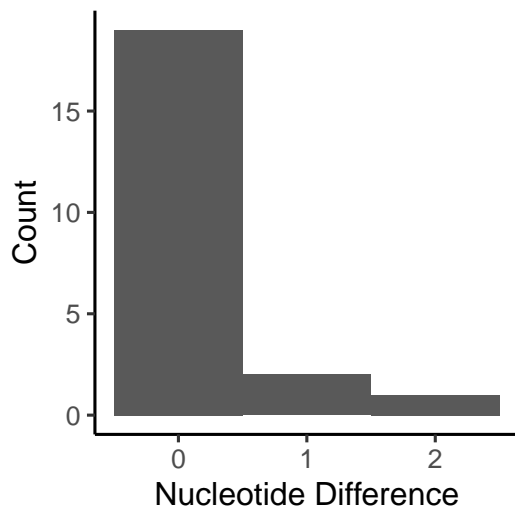


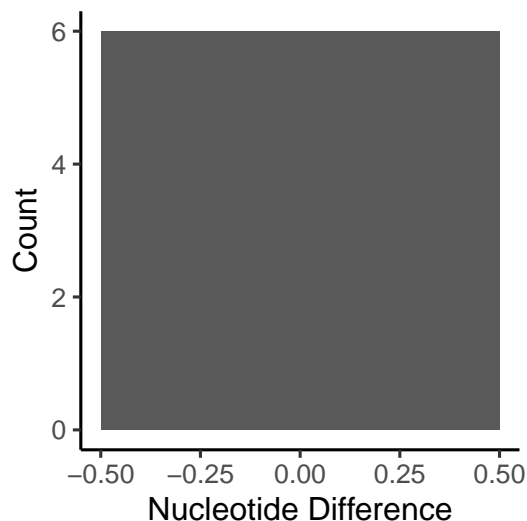
IGLV10-54*01

22 sequences assigned
19 (86.4%) exact matches, in which:
18 unique CDR3
3 unique J



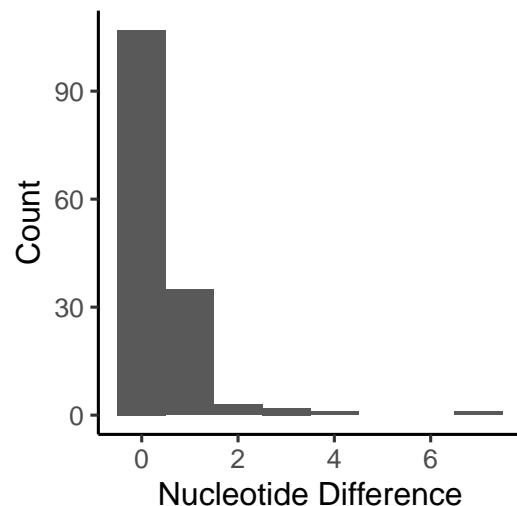
IGLV1-41*01

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



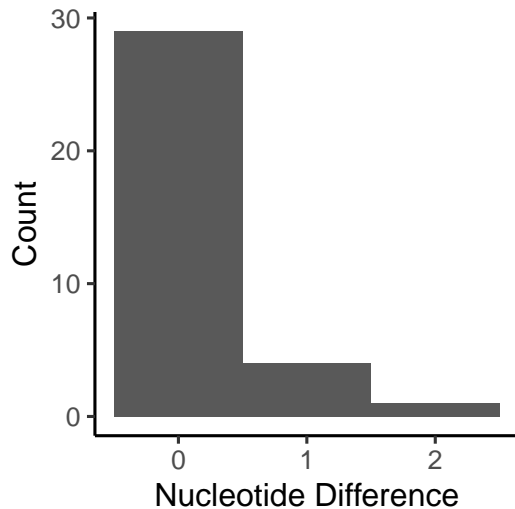
IGLV1-47*02

149 sequences assigned
107 (71.8%) exact matches, in which:
100 unique CDR3
3 unique J



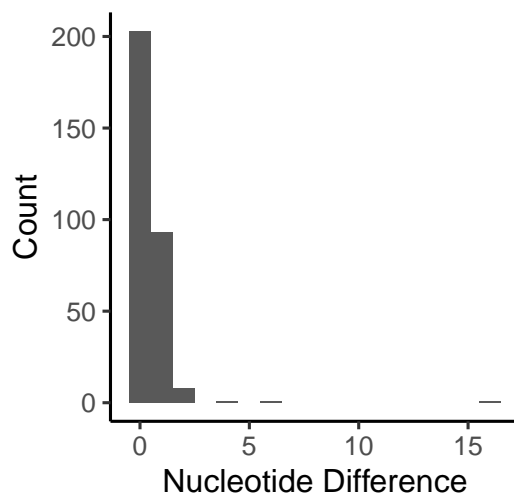
IGLV1-36*01

34 sequences assigned
29 (85.3%) exact matches, in which:
26 unique CDR3
3 unique J



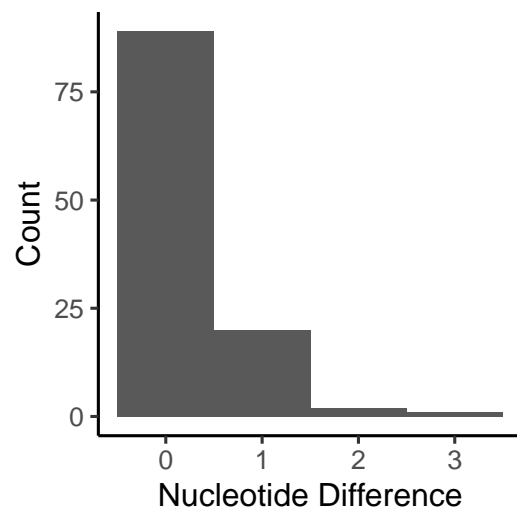
IGLV1-44*01

307 sequences assigned
203 (66.1%) exact matches, in which:
166 unique CDR3
4 unique J



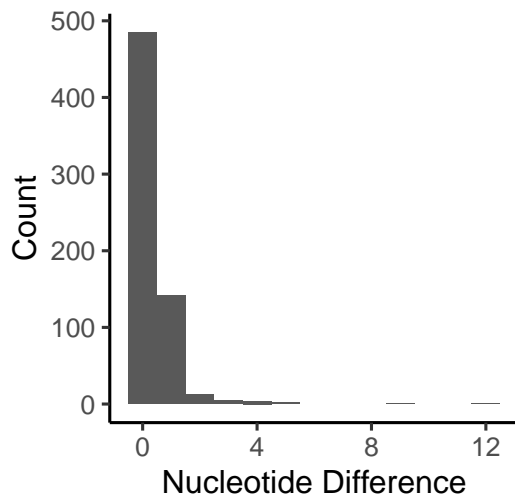
IGLV1-51*01

112 sequences assigned
89 (79.5%) exact matches, in which:
68 unique CDR3
3 unique J



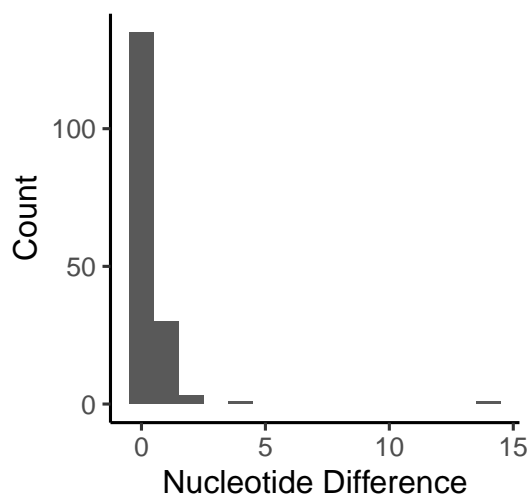
IGLV1-40*01

653 sequences assigned
485 (74.3%) exact matches, in which:
425 unique CDR3
4 unique J



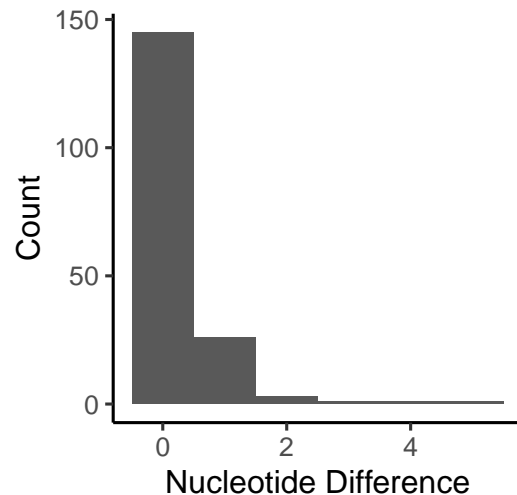
IGLV1-47*01

170 sequences assigned
135 (79.4%) exact matches, in which:
124 unique CDR3
4 unique J



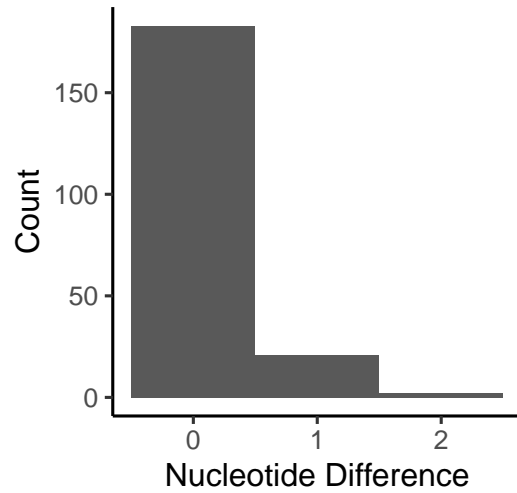
IGLV1-51*02

177 sequences assigned
145 (81.9%) exact matches, in which:
124 unique CDR3
4 unique J



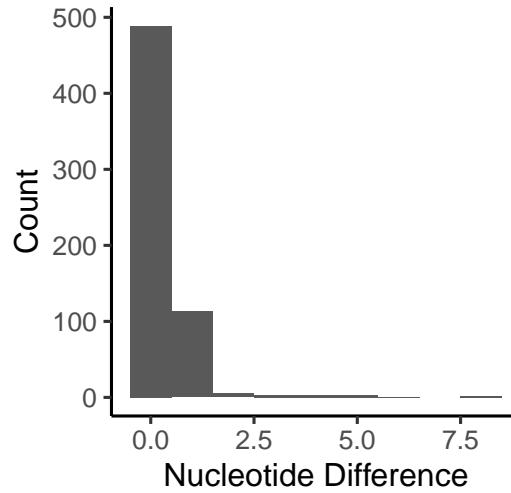
IGLV2-8*01

206 sequences assigned
183 (88.8%) exact matches, in which:
163 unique CDR3
3 unique J



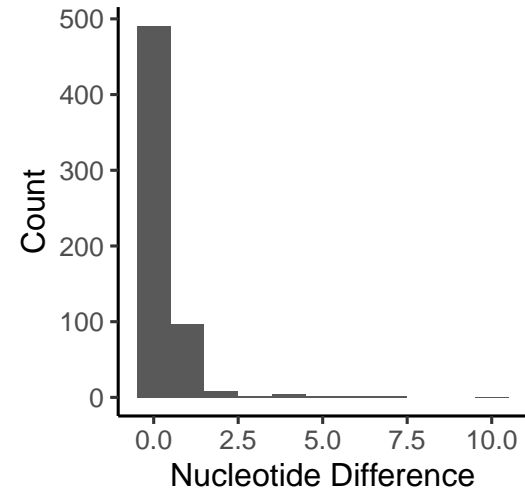
IGLV2-14*03EXT3

619 sequences assigned
489 (79%) exact matches, in which:
438 unique CDR3
3 unique J



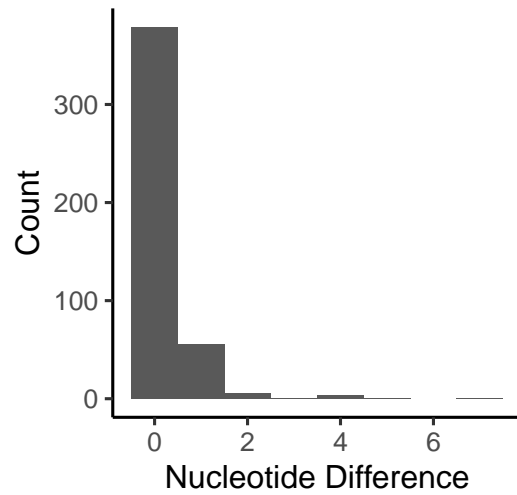
IGLV2-23*01

609 sequences assigned
491 (80.6%) exact matches, in which:
434 unique CDR3
4 unique J



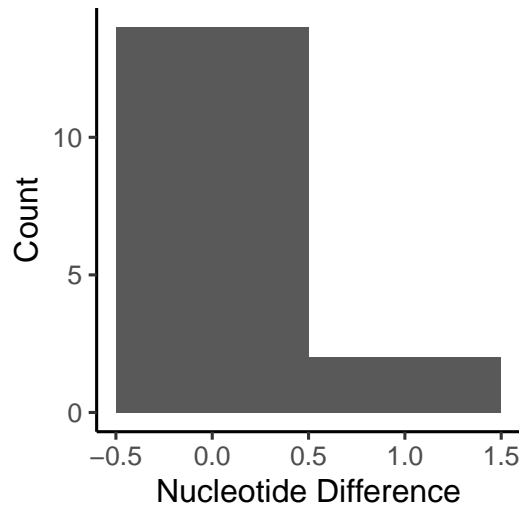
IGLV2-11*01

448 sequences assigned
379 (84.6%) exact matches, in which:
336 unique CDR3
4 unique J



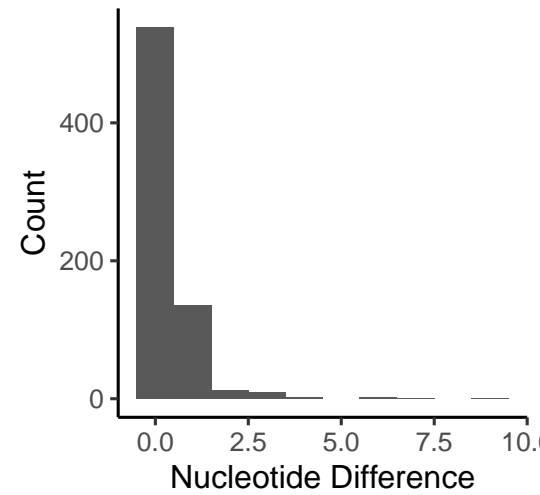
IGLV2-18*01

16 sequences assigned
14 (87.5%) exact matches, in which:
14 unique CDR3
3 unique J



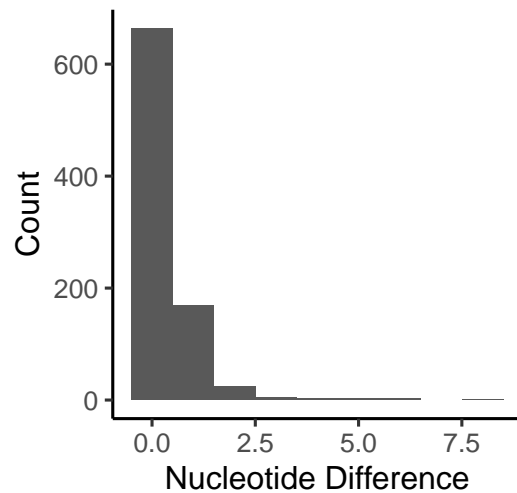
IGLV3-1*01

702 sequences assigned
539 (76.8%) exact matches, in which:
469 unique CDR3
3 unique J



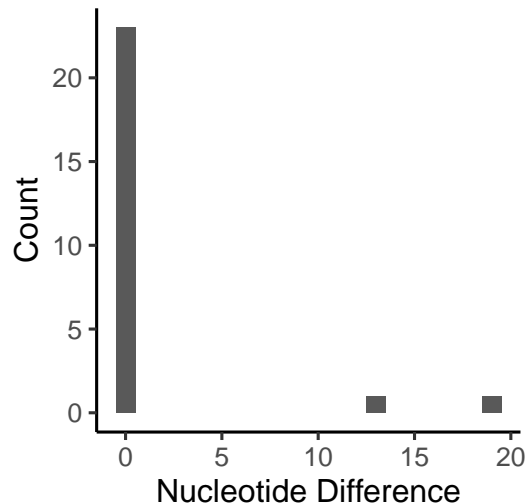
IGLV2-14*01

870 sequences assigned
664 (76.3%) exact matches, in which:
601 unique CDR3
4 unique J



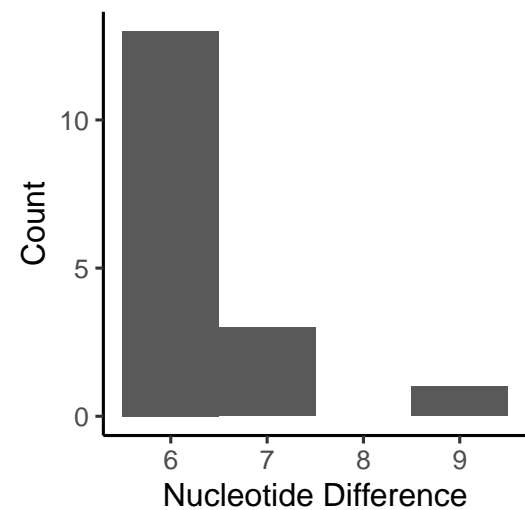
IGLV2-18*02

25 sequences assigned
23 (92%) exact matches, in which:
16 unique CDR3
3 unique J



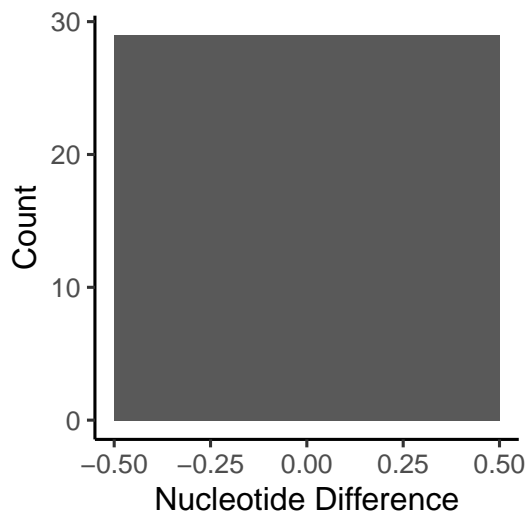
IGLV3-9*02

17 sequences assigned
No exact matches.



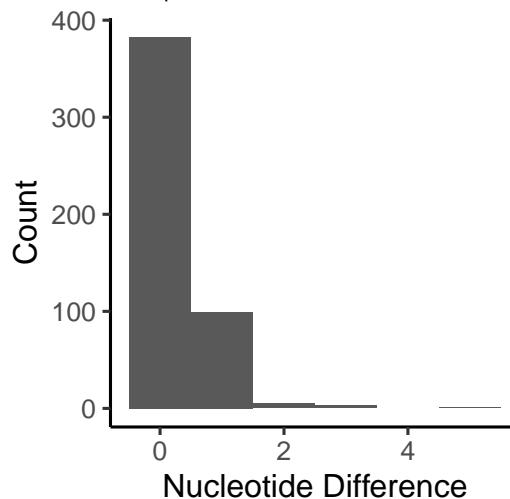
IGLV3-10*01

29 sequences assigned
29 (100%) exact matches, in which:
28 unique CDR3
3 unique J



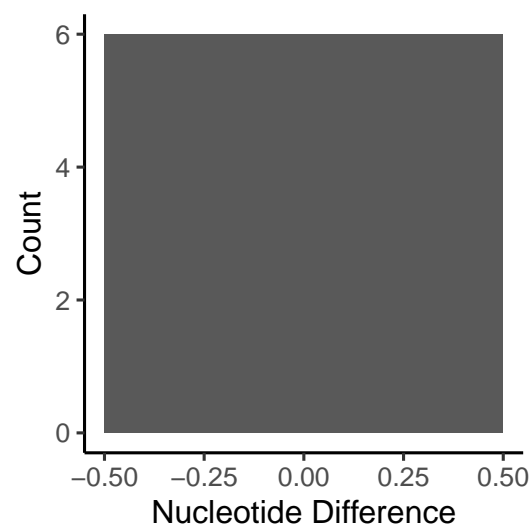
IGLV3-19*01

491 sequences assigned
383 (78%) exact matches, in which:
326 unique CDR3
4 unique J



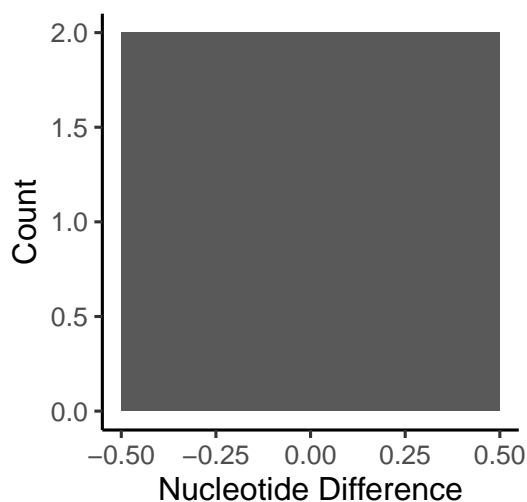
IGLV3-22*01

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



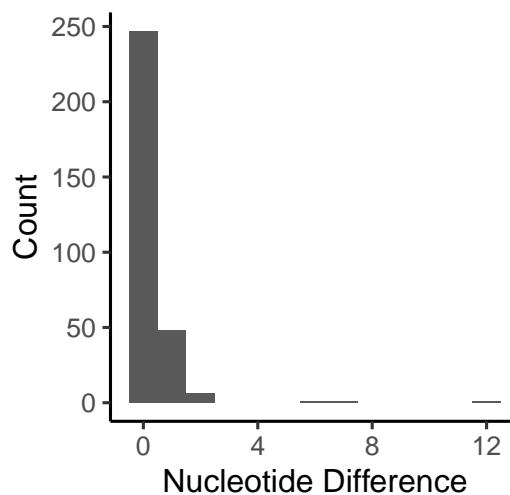
IGLV3-12*02

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



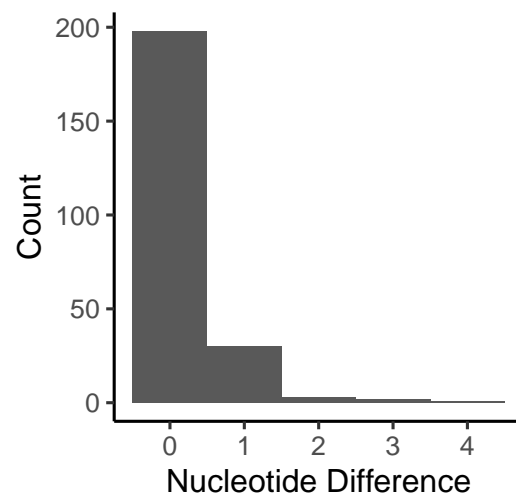
IGLV3-21*02

304 sequences assigned
247 (81.2%) exact matches, in which:
219 unique CDR3
4 unique J



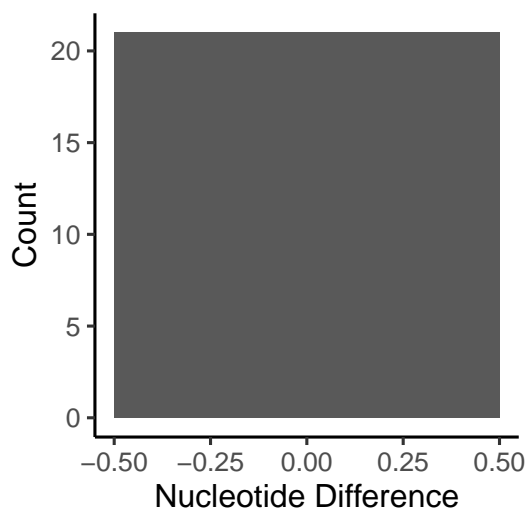
IGLV3-25*02

234 sequences assigned
198 (84.6%) exact matches, in which:
179 unique CDR3
4 unique J



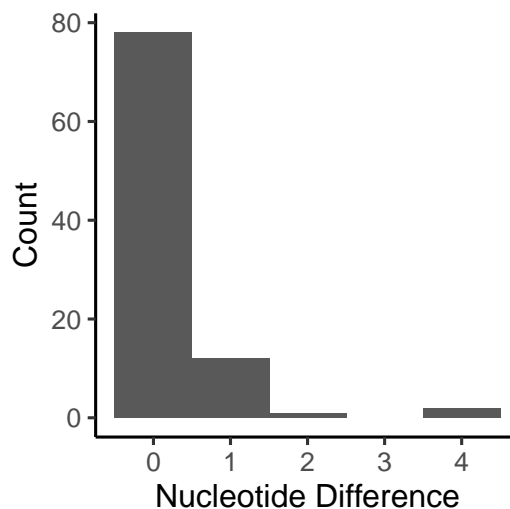
IGLV3-16*01

21 sequences assigned
21 (100%) exact matches, in which:
20 unique CDR3
3 unique J



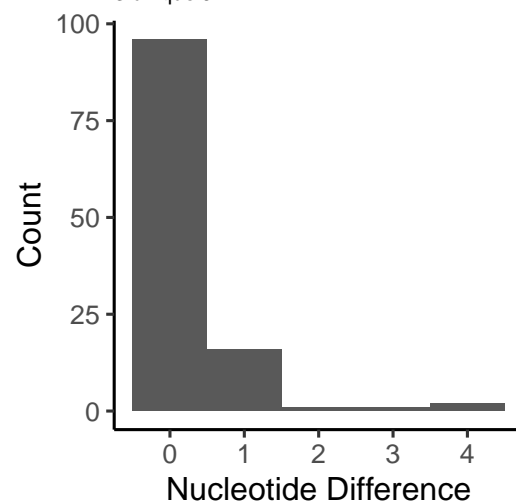
IGLV3-21*04

93 sequences assigned
78 (83.9%) exact matches, in which:
69 unique CDR3
3 unique J



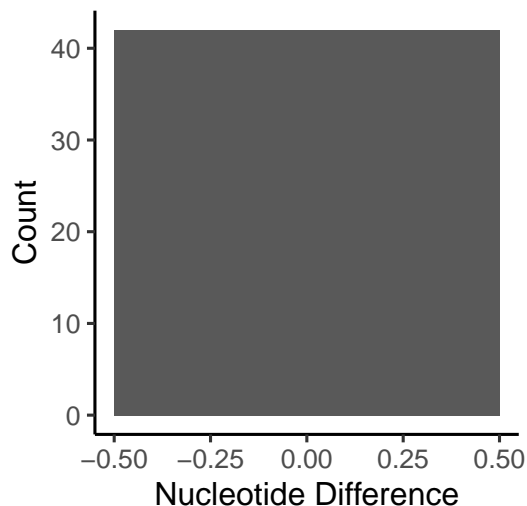
IGLV3-25*03_G74C

116 sequences assigned
96 (82.8%) exact matches, in which:
90 unique CDR3
3 unique J



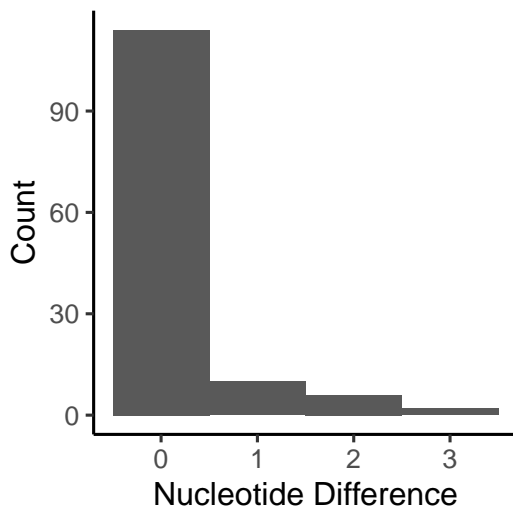
IGLV3-27*01

42 sequences assigned
42 (100%) exact matches, in which:
40 unique CDR3
4 unique J



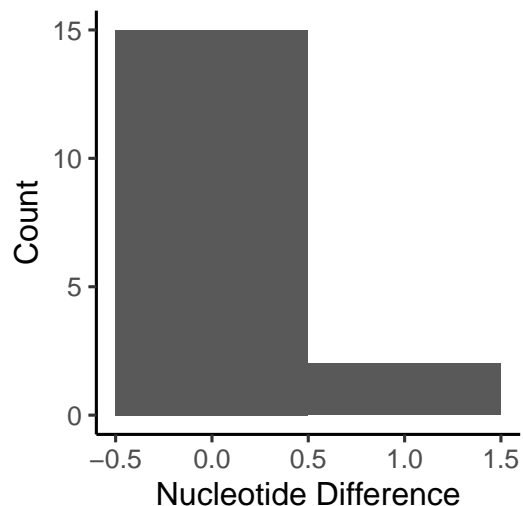
IGLV4-69*01

132 sequences assigned
114 (86.4%) exact matches, in which:
100 unique CDR3
4 unique J



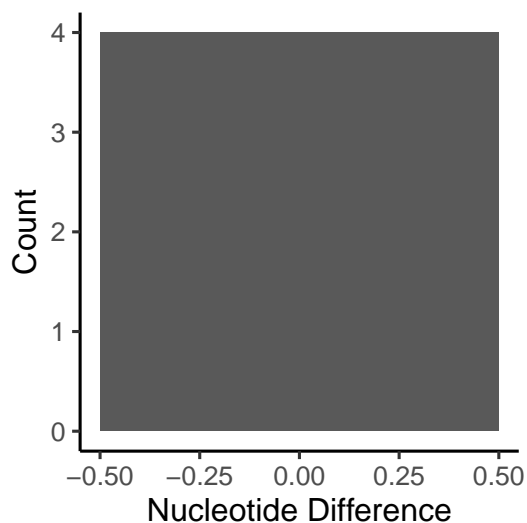
IGLV5-45*03

17 sequences assigned
15 (88.2%) exact matches, in which:
15 unique CDR3
3 unique J



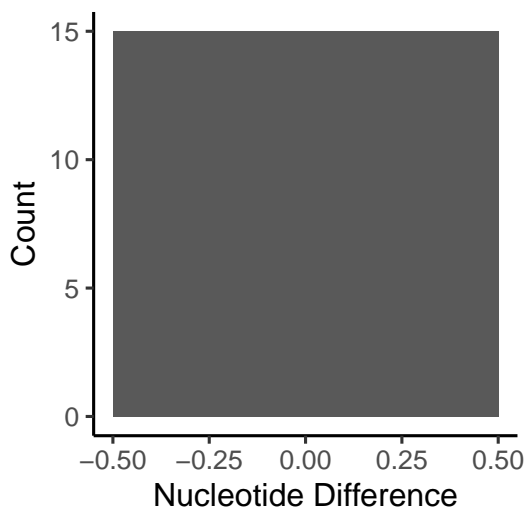
IGLV4-3*01

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



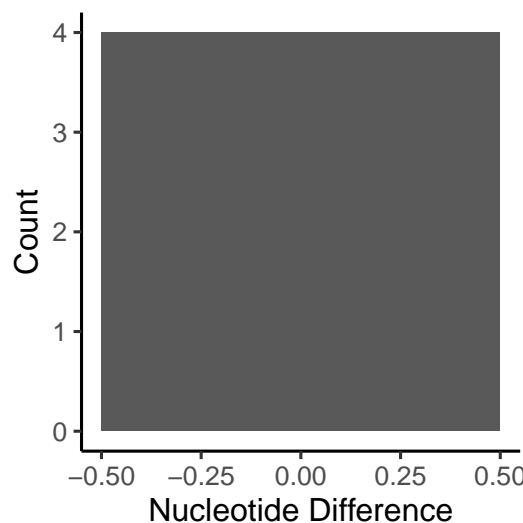
IGLV5-39*01

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



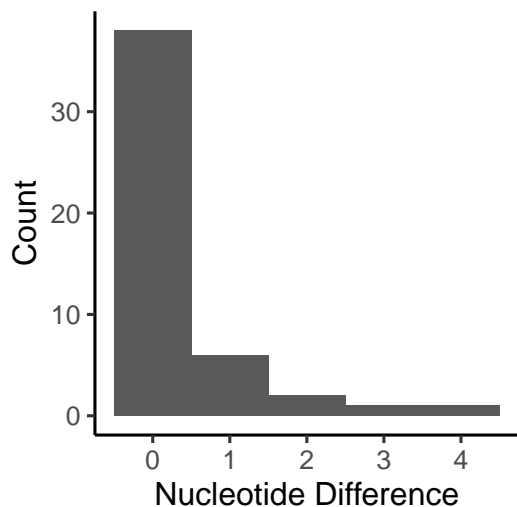
IGLV5-52*01

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



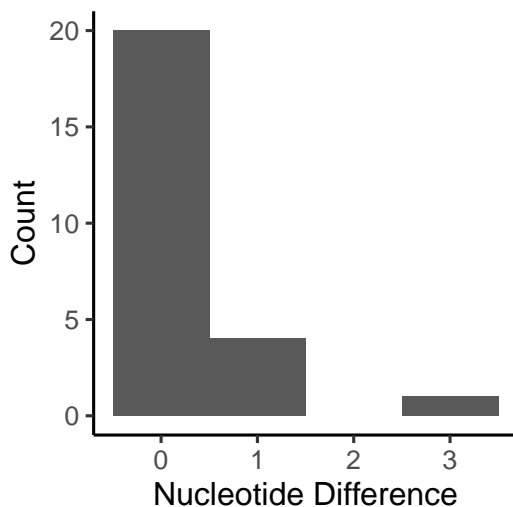
IGLV4-60*02_T287C

48 sequences assigned
38 (79.2%) exact matches, in which:
36 unique CDR3
3 unique J



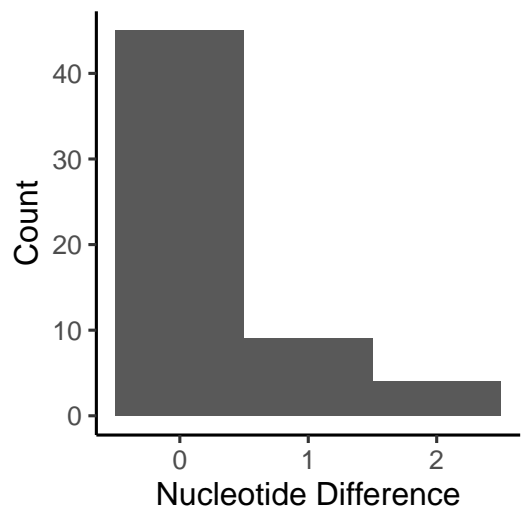
IGLV5-45*01

25 sequences assigned
20 (80%) exact matches, in which:
17 unique CDR3
3 unique J



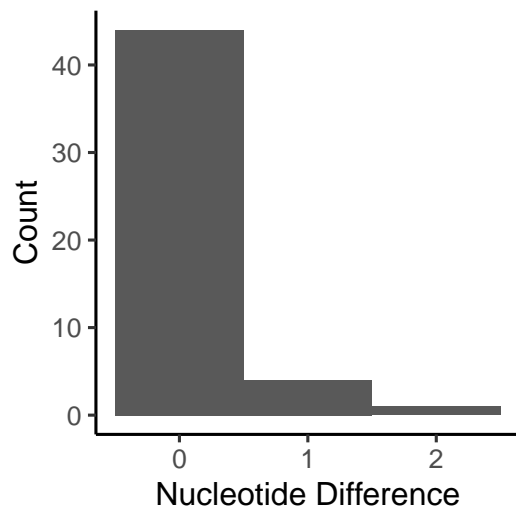
IGLV6-57*02

58 sequences assigned
45 (77.6%) exact matches, in which:
42 unique CDR3
4 unique J



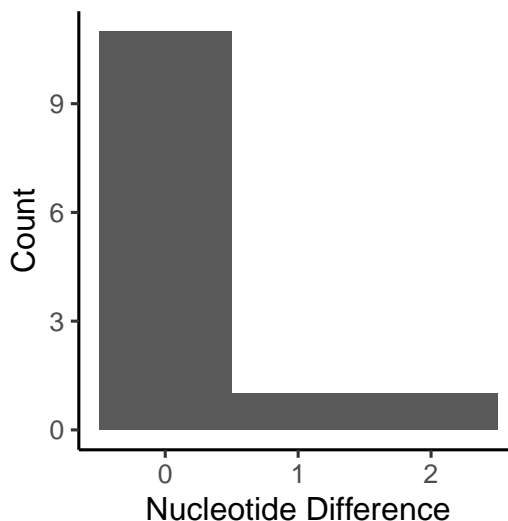
IGLV6-57*03

50 sequences assigned
44 (88%) exact matches, in which:
41 unique CDR3
4 unique J



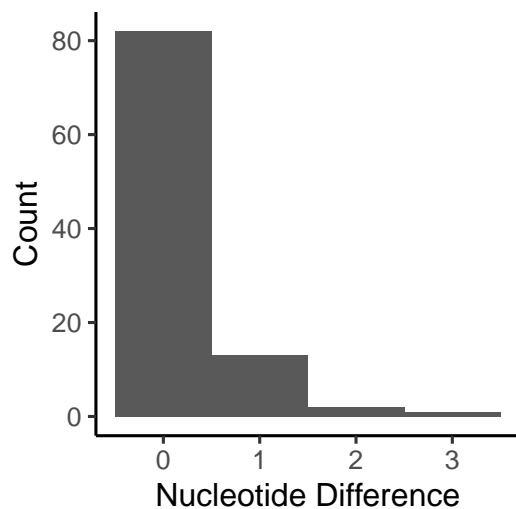
IGLV7-46*02

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



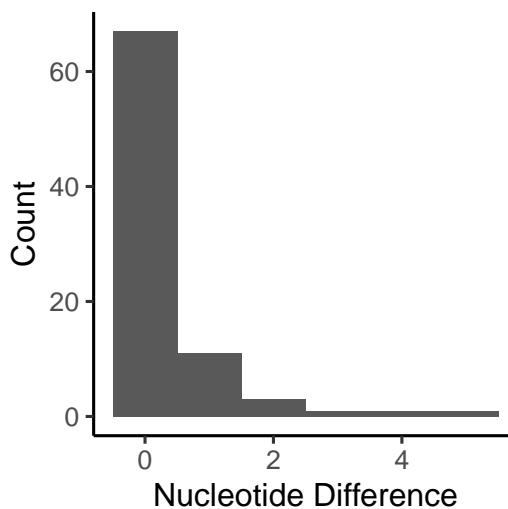
IGLV7-43*01

98 sequences assigned
82 (83.7%) exact matches, in which:
77 unique CDR3
4 unique J



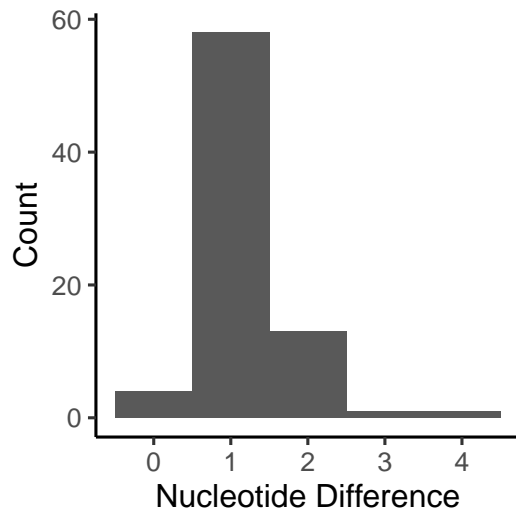
IGLV8-61*01

84 sequences assigned
67 (79.8%) exact matches, in which:
56 unique CDR3
3 unique J



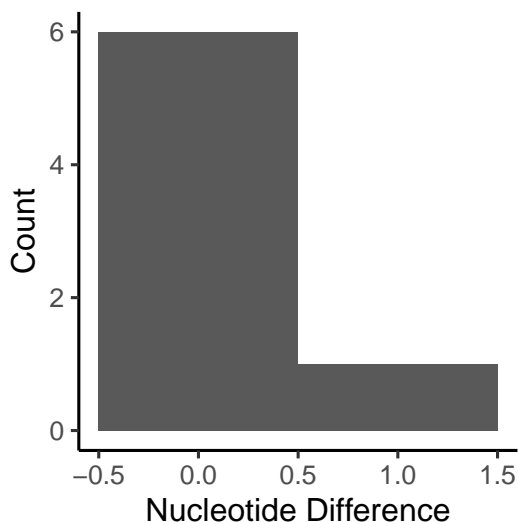
IGLV7-46*01

77 sequences assigned
4 (5.2%) exact matches, in which:
4 unique CDR3
1 unique J



IGLV9-49*01

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



Allele Usage



Warning – no inferred sequences found.