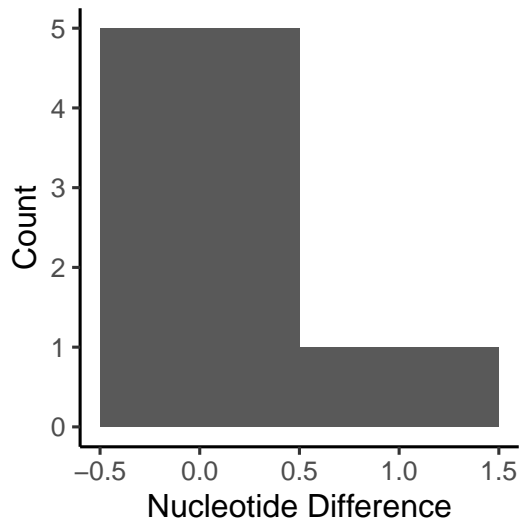


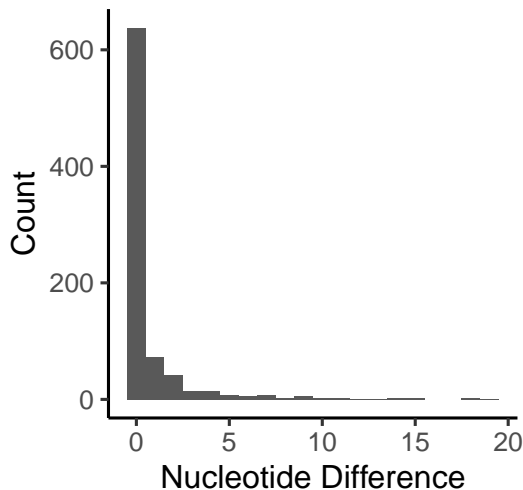
IGLV10–54*01

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



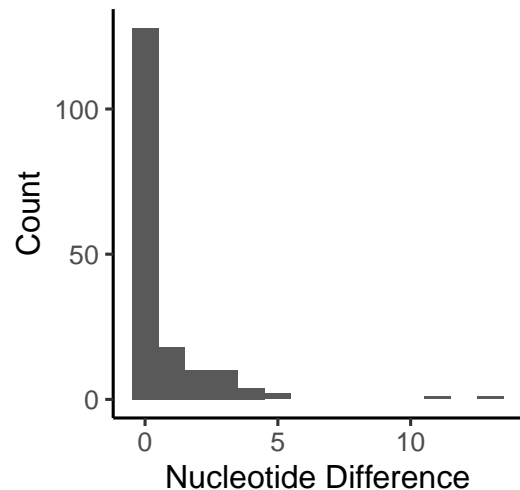
IGLV1–40*01

832 sequences assigned
638 (76.7%) exact matches, in which:
522 unique CDR3
5 unique J



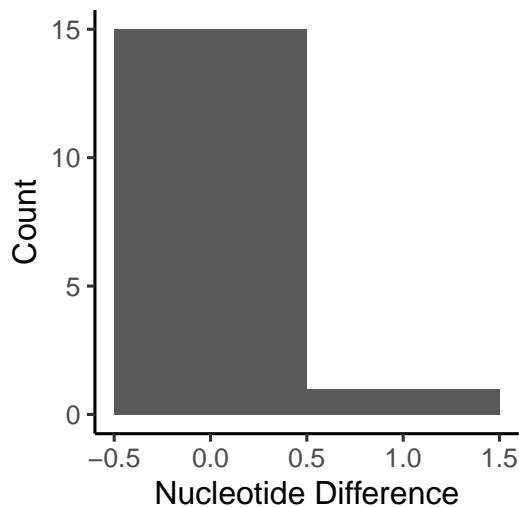
IGLV1–47*01

175 sequences assigned
128 (73.1%) exact matches, in which:
108 unique CDR3
3 unique J



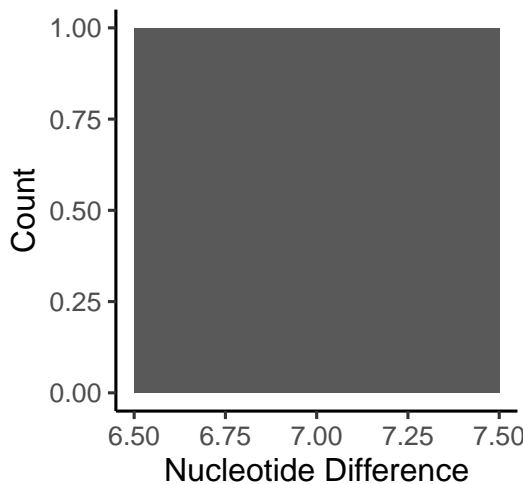
IGLV10–54*01_A228C

16 sequences assigned
15 (93.8%) exact matches, in which:
13 unique CDR3
3 unique J



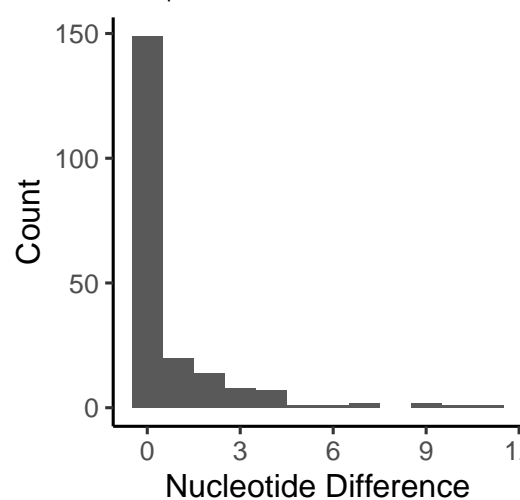
IGLV1–41*01

1 sequences assigned
No exact matches.



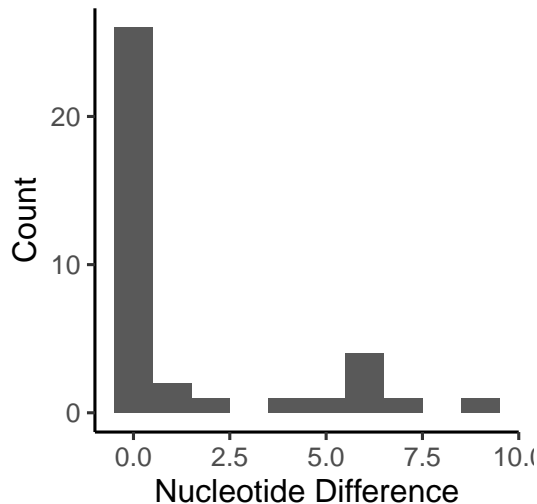
IGLV1–47*01_G39T

206 sequences assigned
149 (72.3%) exact matches, in which:
130 unique CDR3
4 unique J



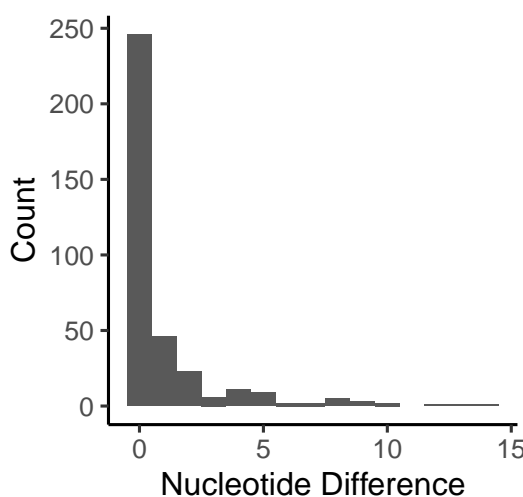
IGLV1–36*01

37 sequences assigned
26 (70.3%) exact matches, in which:
22 unique CDR3
3 unique J



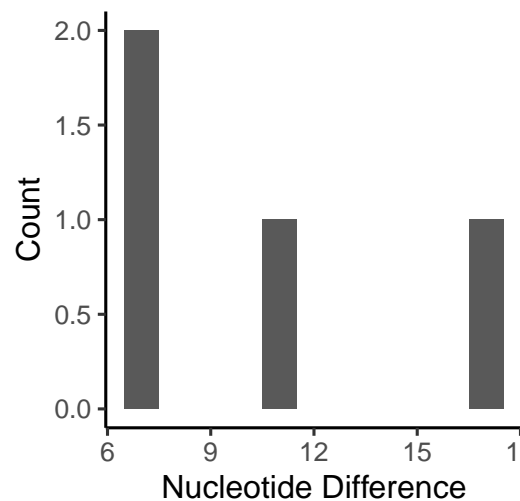
IGLV1–44*01

360 sequences assigned
246 (68.3%) exact matches, in which:
206 unique CDR3
4 unique J



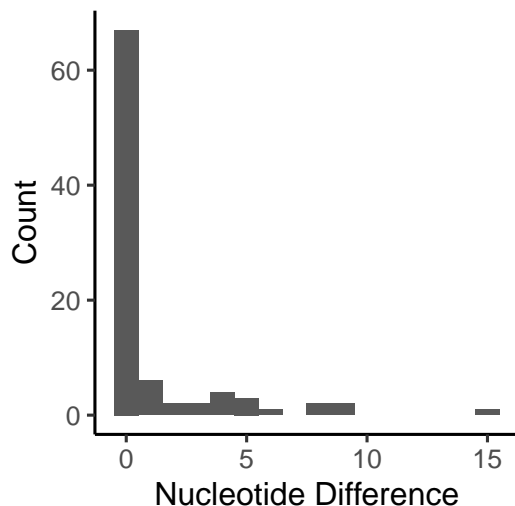
IGLV1–50*01

4 sequences assigned
No exact matches.



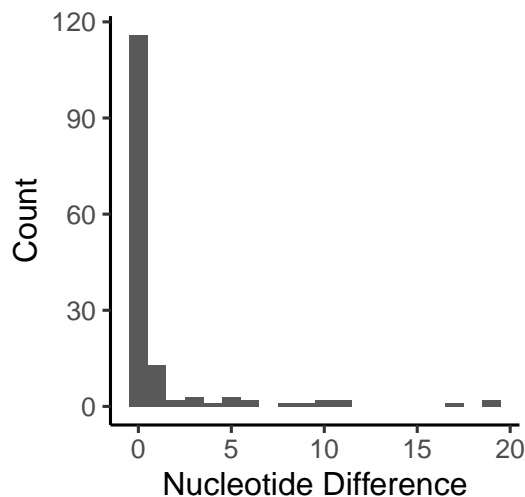
IGLV1-51*01

91 sequences assigned
67 (73.6%) exact matches, in which:
55 unique CDR3
4 unique J



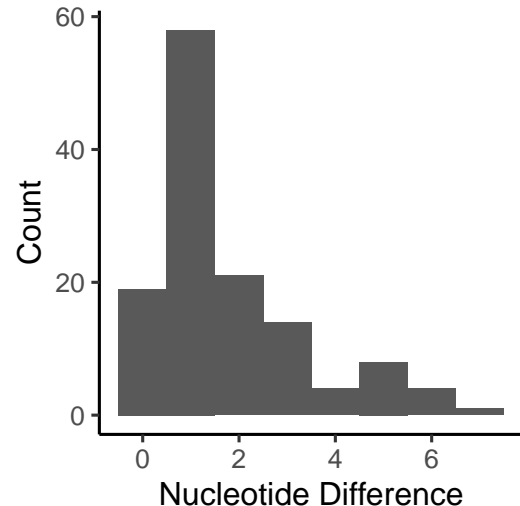
IGLV2-8*01

150 sequences assigned
116 (77.3%) exact matches, in which:
101 unique CDR3
3 unique J



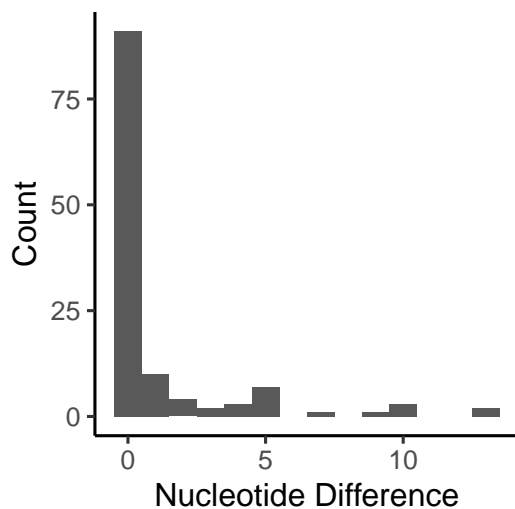
IGLV2-14*01_T198G_A32

129 sequences assigned
19 (14.7%) exact matches, in which:
18 unique CDR3
3 unique J



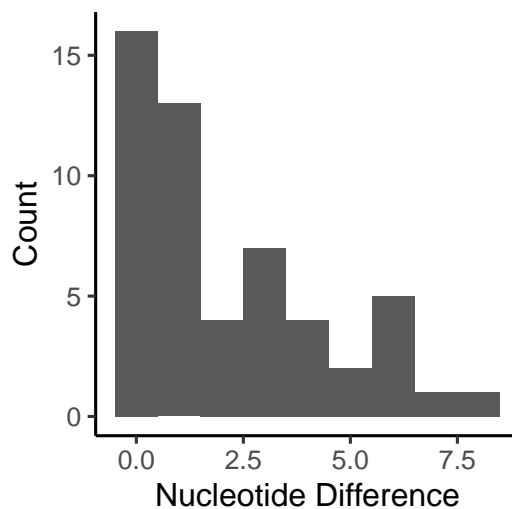
IGLV1-51*02

124 sequences assigned
91 (73.4%) exact matches, in which:
74 unique CDR3
4 unique J



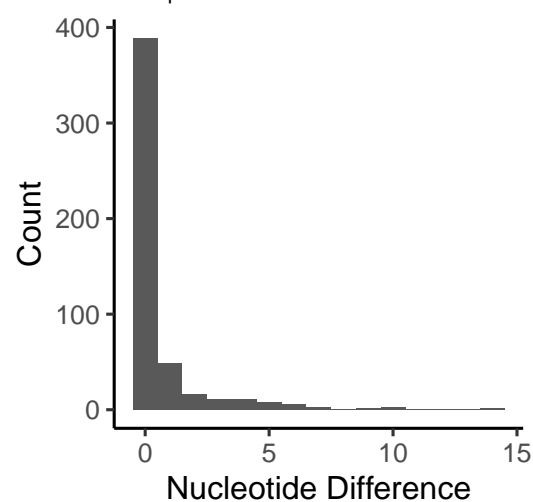
IGLV2-8*01_G271A

53 sequences assigned
16 (30.2%) exact matches, in which:
16 unique CDR3
3 unique J



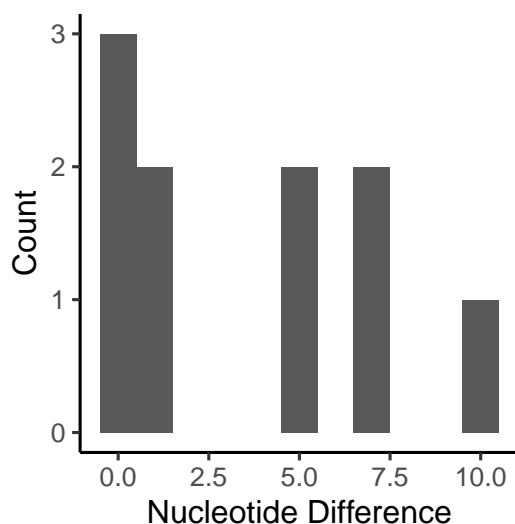
IGLV2-14*03EXT3

504 sequences assigned
389 (77.2%) exact matches, in which:
335 unique CDR3
3 unique J



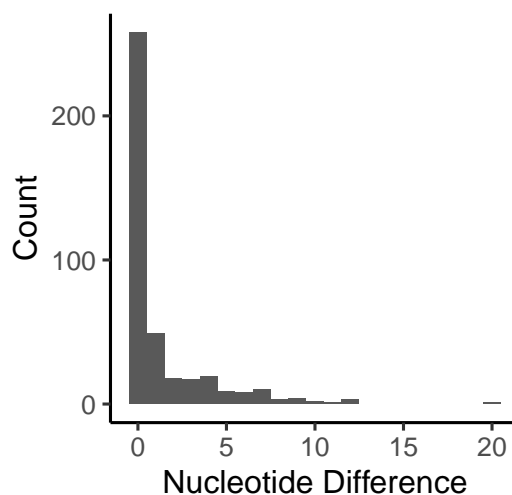
IGLV2-5*01_G309C

10 sequences assigned
3 (30%) exact matches, in which:
3 unique CDR3
2 unique J



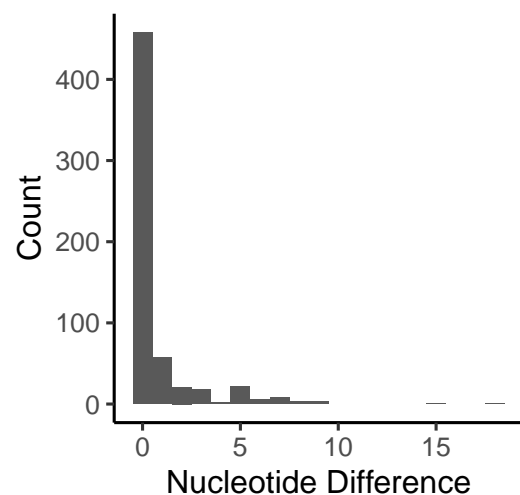
IGLV2-11*01

404 sequences assigned
258 (63.9%) exact matches, in which:
236 unique CDR3
3 unique J



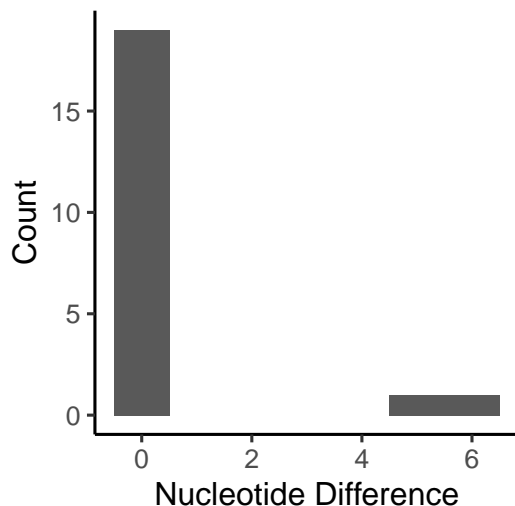
IGLV2-14*04EXT3

600 sequences assigned
458 (76.3%) exact matches, in which:
397 unique CDR3
4 unique J



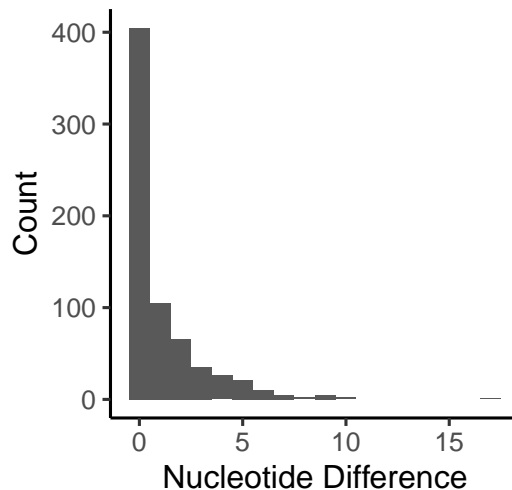
IGLV2-18*02

21 sequences assigned
19 (90.5%) exact matches, in which:
18 unique CDR3
3 unique J



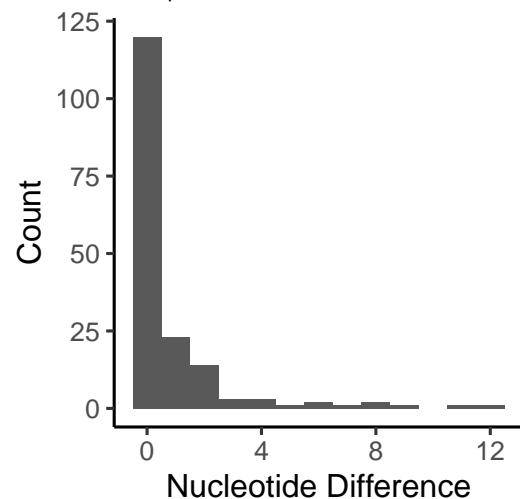
IGLV2-23*01_G170T

683 sequences assigned
405 (59.3%) exact matches, in which:
349 unique CDR3
3 unique J



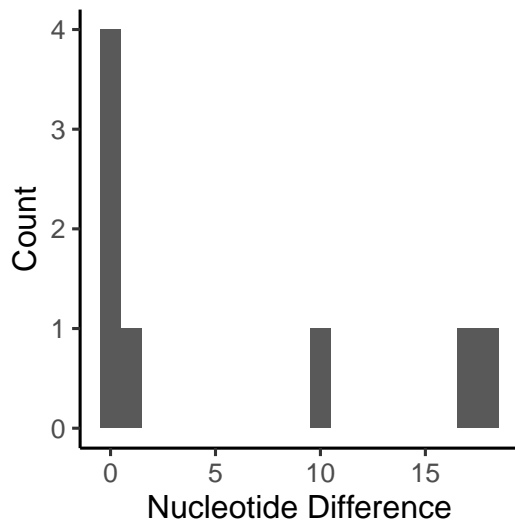
IGLV3-10*01

172 sequences assigned
120 (69.8%) exact matches, in which:
109 unique CDR3
4 unique J



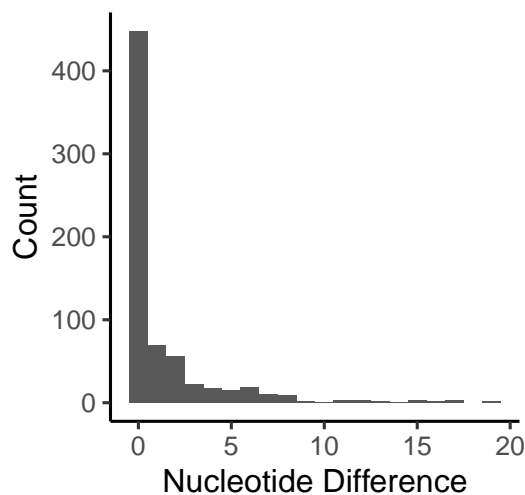
IGLV2-18*02_G234C

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



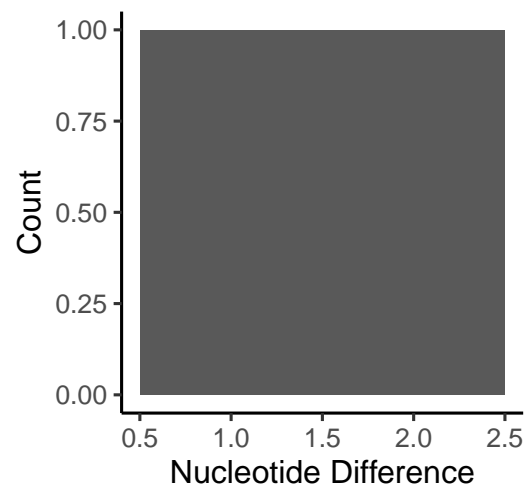
IGLV3-1*01

690 sequences assigned
448 (64.9%) exact matches, in which:
309 unique CDR3
4 unique J



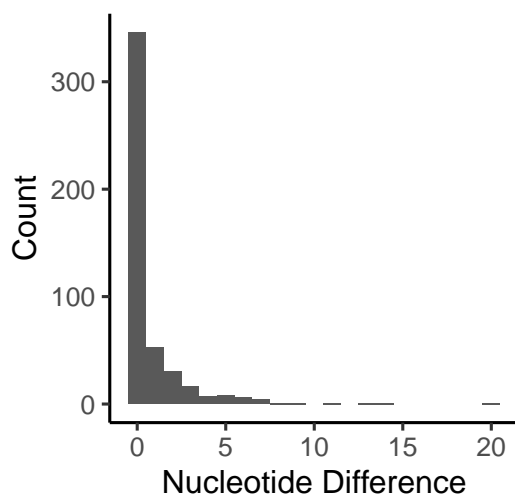
IGLV3-12*02

2 sequences assigned
No exact matches.



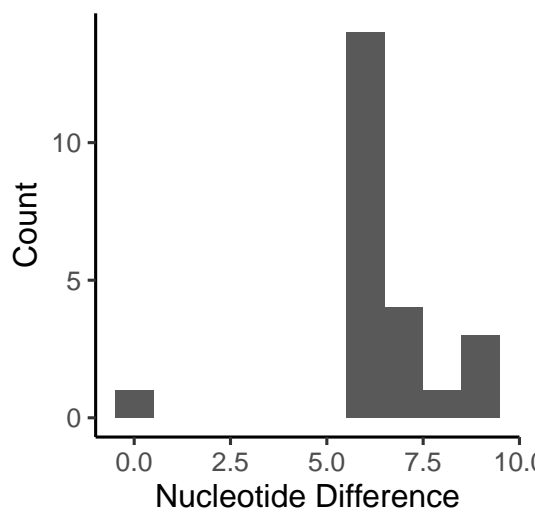
IGLV2-23*01

477 sequences assigned
346 (72.5%) exact matches, in which:
301 unique CDR3
3 unique J



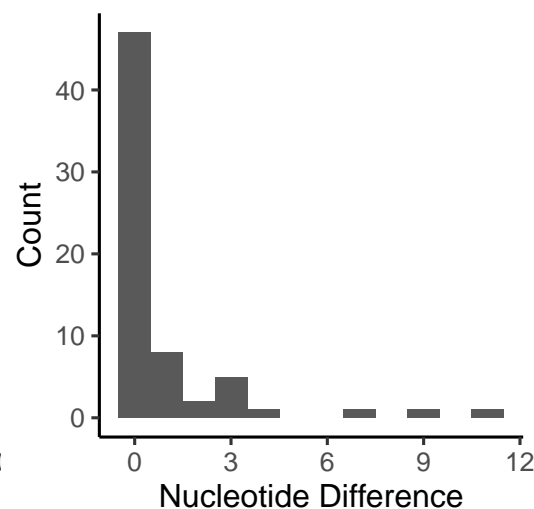
IGLV3-9*02

24 sequences assigned
1 (4.2%) exact matches, in which:
1 unique CDR3
1 unique J



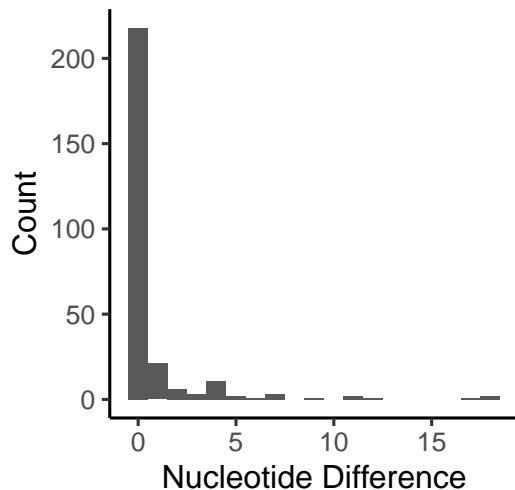
IGLV3-16*01

66 sequences assigned
47 (71.2%) exact matches, in which:
46 unique CDR3
4 unique J



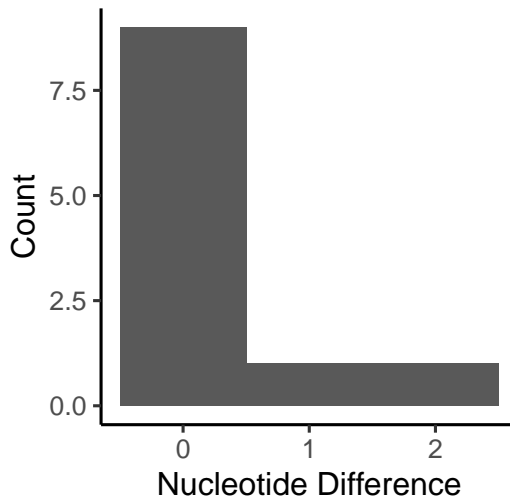
IGLV3-19*01

274 sequences assigned
218 (79.6%) exact matches, in which:
186 unique CDR3
3 unique J



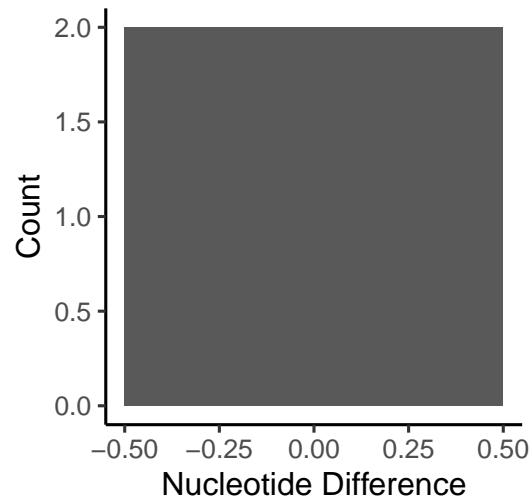
IGLV3-22*01

11 sequences assigned
9 (81.8%) exact matches, in which:
9 unique CDR3
3 unique J



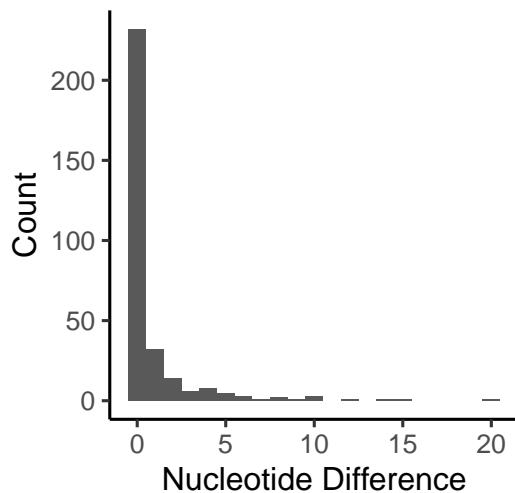
IGLV4-3*01

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



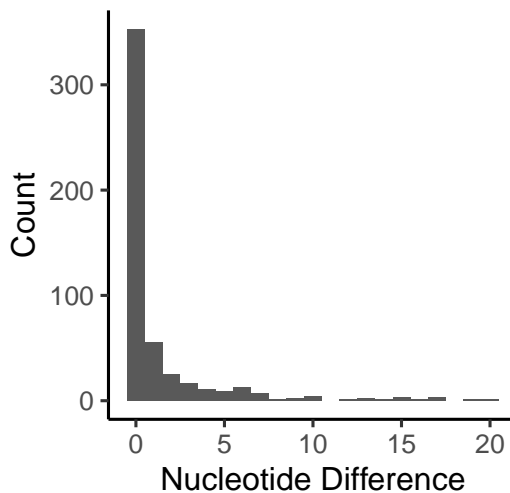
IGLV3-21*03

313 sequences assigned
232 (74.1%) exact matches, in which:
193 unique CDR3
5 unique J



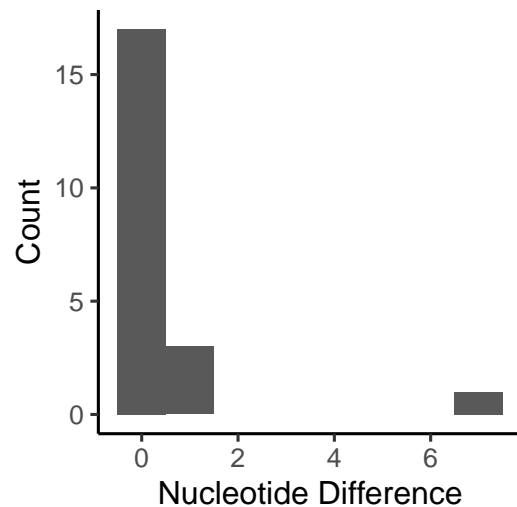
IGLV3-25*03

512 sequences assigned
353 (68.9%) exact matches, in which:
289 unique CDR3
5 unique J



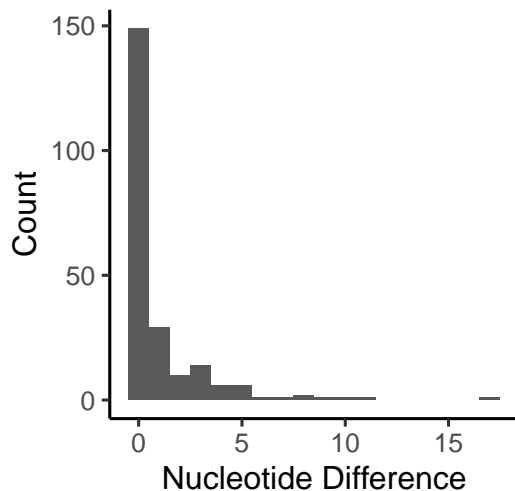
IGLV4-60*02

21 sequences assigned
17 (81%) exact matches, in which:
16 unique CDR3
3 unique J



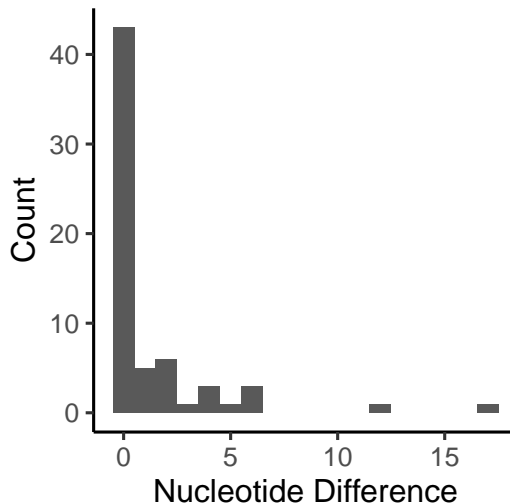
IGLV3-21*04

222 sequences assigned
149 (67.1%) exact matches, in which:
119 unique CDR3
4 unique J



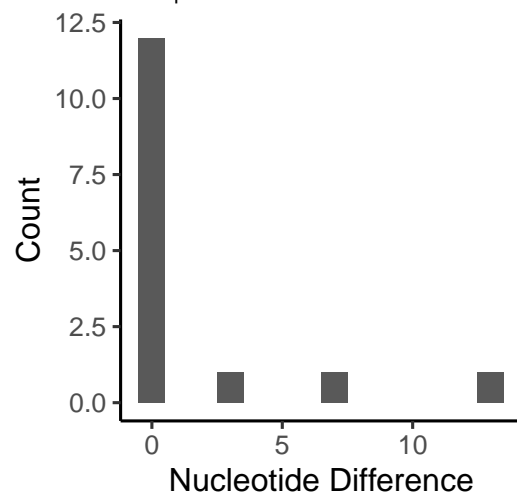
IGLV3-27*01

64 sequences assigned
43 (67.2%) exact matches, in which:
42 unique CDR3
4 unique J



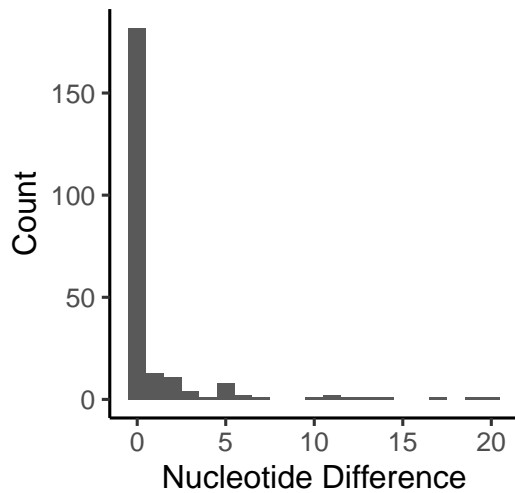
IGLV4-60*02_T287C

15 sequences assigned
12 (80%) exact matches, in which:
11 unique CDR3
2 unique J



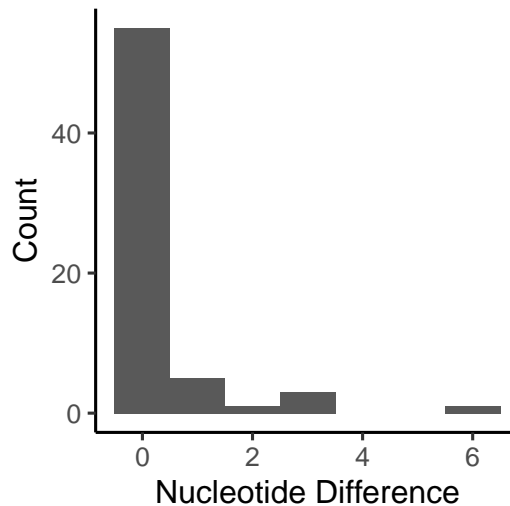
IGLV4-69*01

233 sequences assigned
182 (78.1%) exact matches, in which:
162 unique CDR3
4 unique J



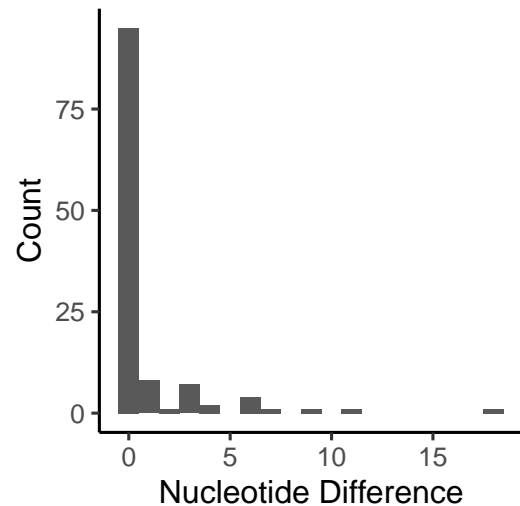
IGLV5-45*03

66 sequences assigned
55 (83.3%) exact matches, in which:
38 unique CDR3
3 unique J



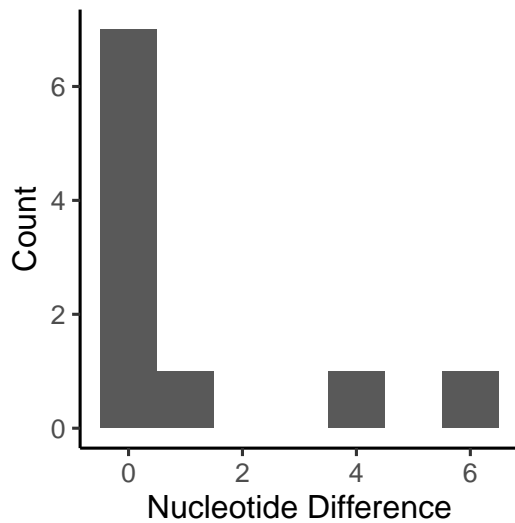
IGLV6-57*01

122 sequences assigned
95 (77.9%) exact matches, in which:
86 unique CDR3
5 unique J



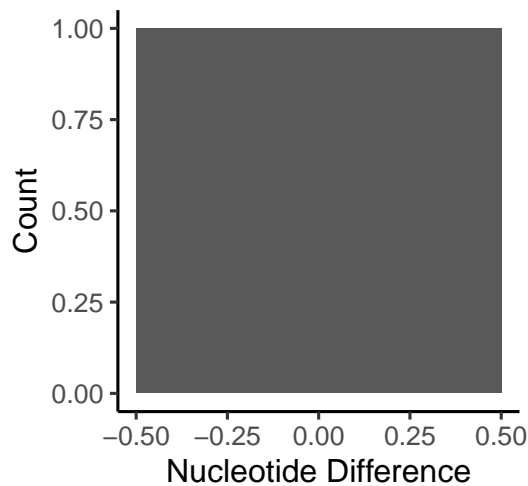
IGLV5-37*01

10 sequences assigned
7 (70%) exact matches, in which:
7 unique CDR3
2 unique J



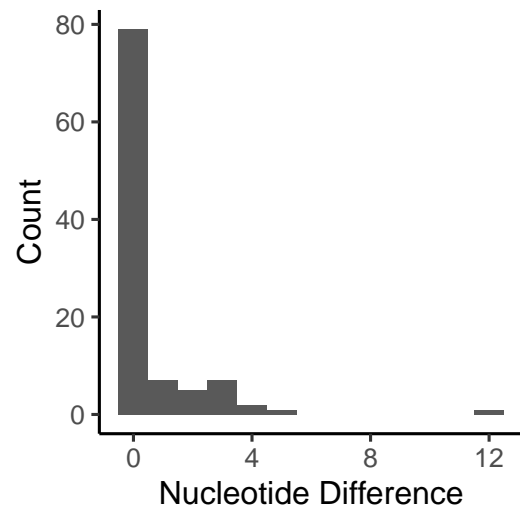
IGLV5-48*02

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



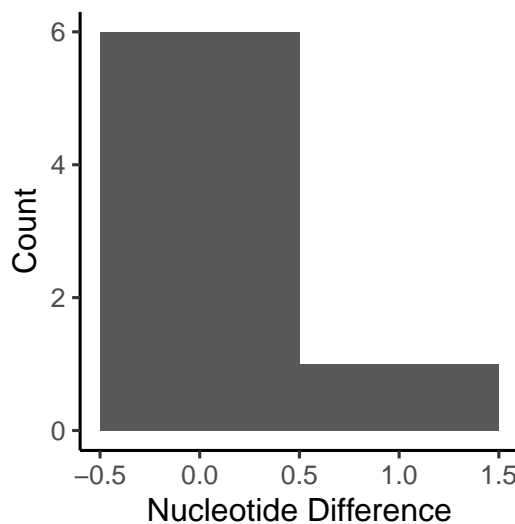
IGLV6-57*03_C21G

102 sequences assigned
79 (77.5%) exact matches, in which:
71 unique CDR3
3 unique J



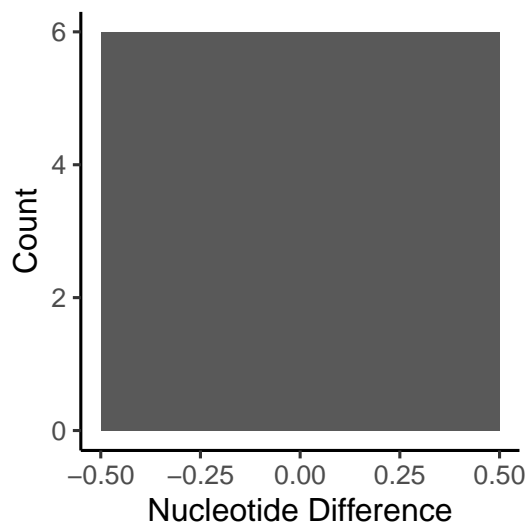
IGLV5-39*01

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



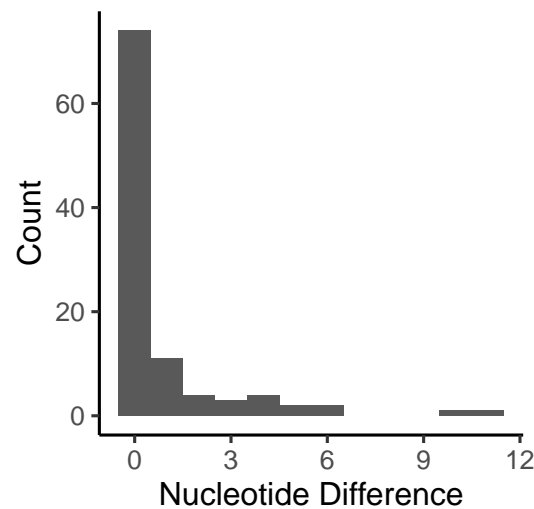
IGLV5-52*01

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



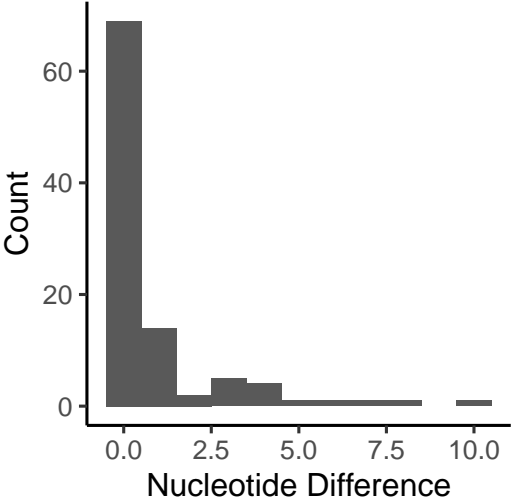
IGLV7-43*01

102 sequences assigned
74 (72.5%) exact matches, in which:
65 unique CDR3
3 unique J



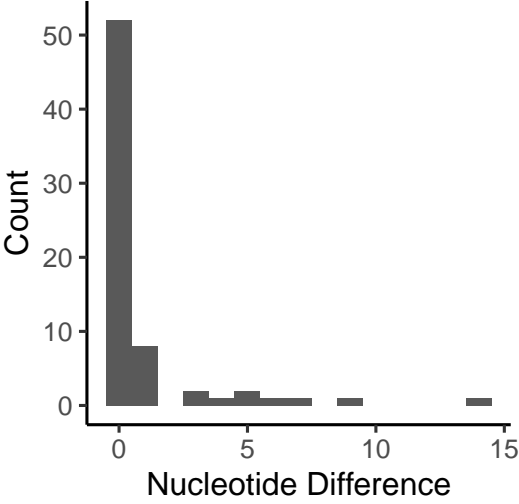
IGLV7-46*01

101 sequences assigned
69 (68.3%) exact matches, in which:
63 unique CDR3
3 unique J



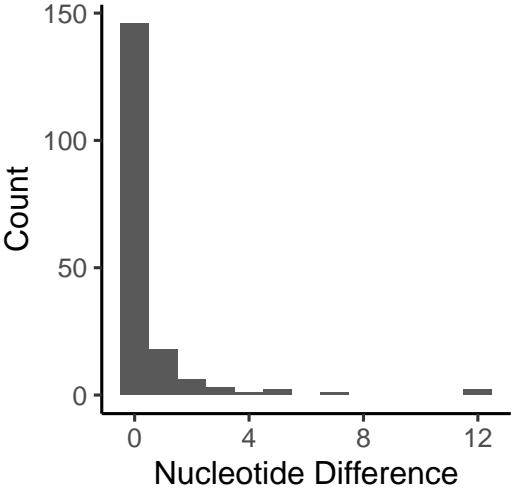
IGLV8-61*01

69 sequences assigned
52 (75.4%) exact matches, in which:
42 unique CDR3
3 unique J

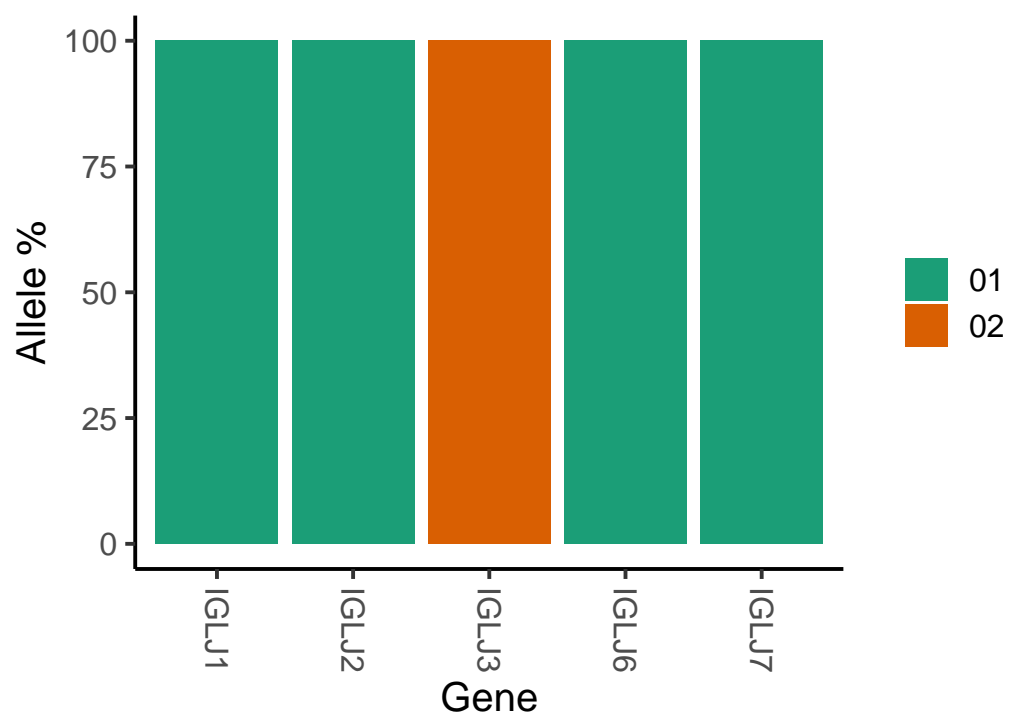


IGLV9-49*01

179 sequences assigned
146 (81.6%) exact matches, in which:
125 unique CDR3
4 unique J



Allele Usage



Warning – no inferred sequences found.