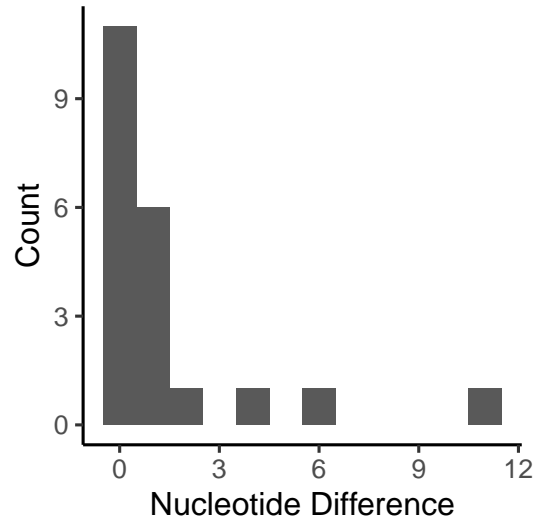


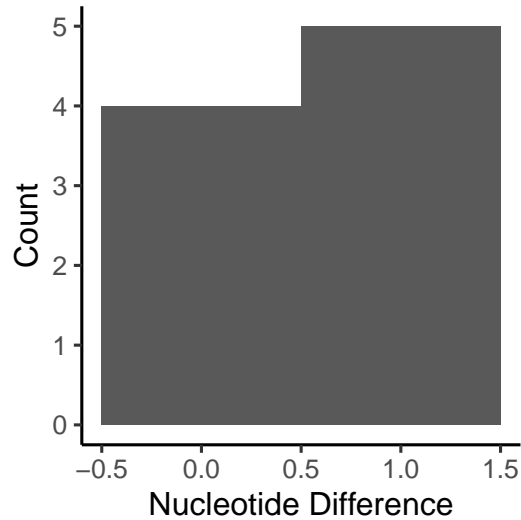
IGLV10–54*01

21 sequences assigned
11 (52.4%) exact matches, in which:
10 unique CDR3
2 unique J



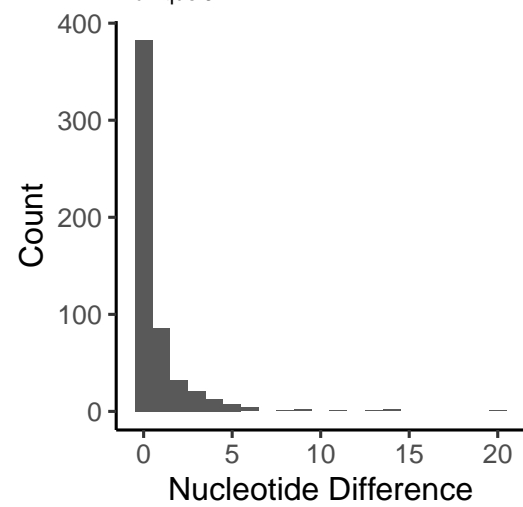
IGLV1–41*01

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



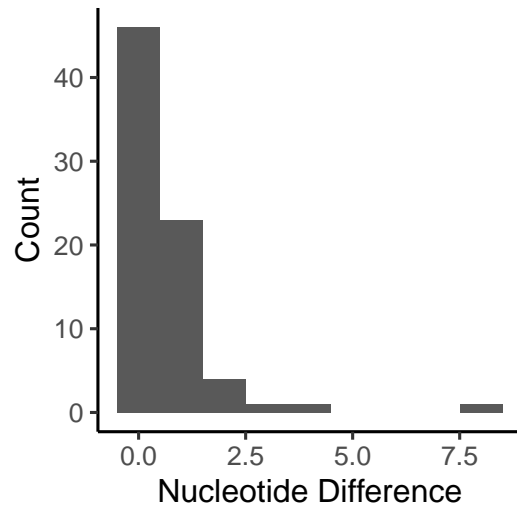
IGLV1–51*02

557 sequences assigned
383 (68.8%) exact matches, in which:
295 unique CDR3
4 unique J



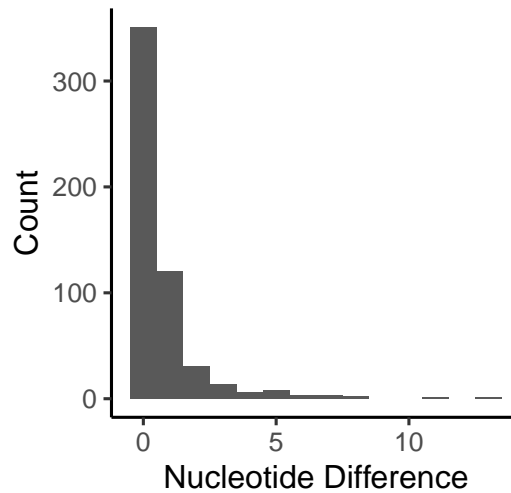
IGLV1–36*01

76 sequences assigned
46 (60.5%) exact matches, in which:
43 unique CDR3
4 unique J



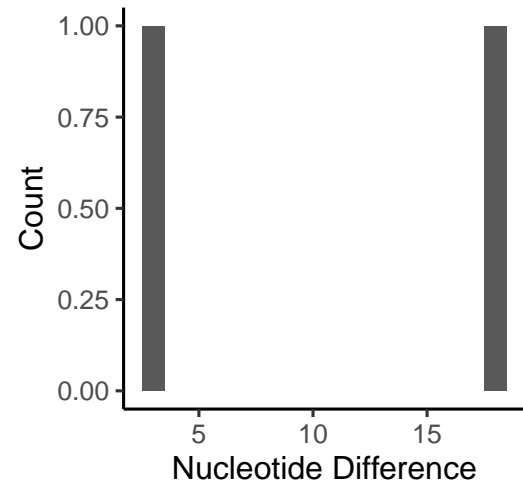
IGLV1–44*01

540 sequences assigned
351 (65%) exact matches, in which:
308 unique CDR3
5 unique J



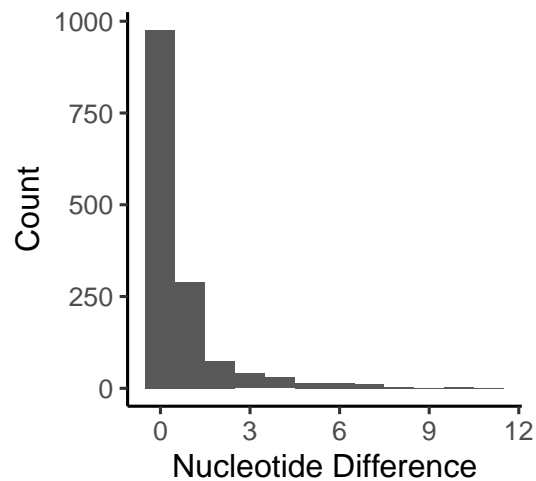
IGLV2–5*01

2 sequences assigned
No exact matches.



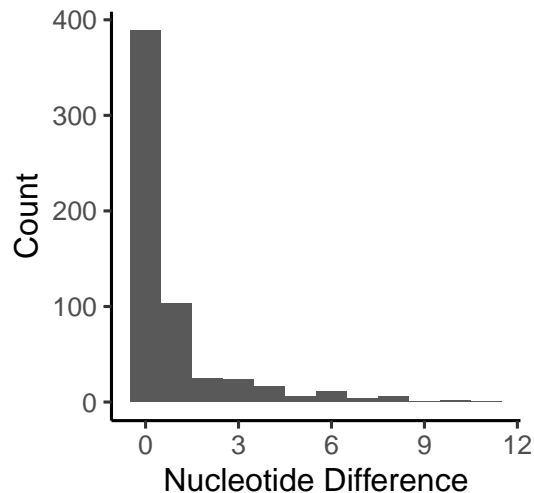
IGLV1–40*01

1459 sequences assigned
976 (66.9%) exact matches, in which:
809 unique CDR3
4 unique J



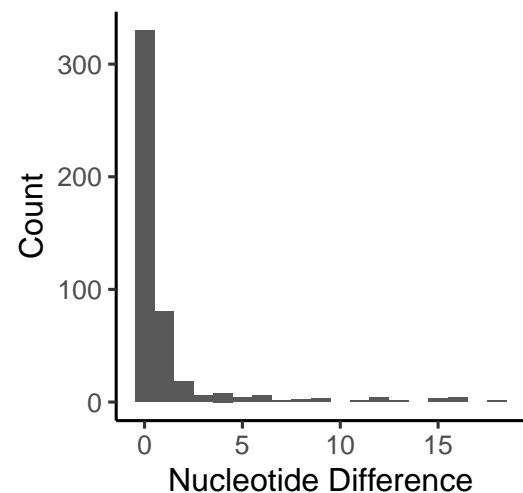
IGLV1–47*01

589 sequences assigned
389 (66%) exact matches, in which:
345 unique CDR3
4 unique J



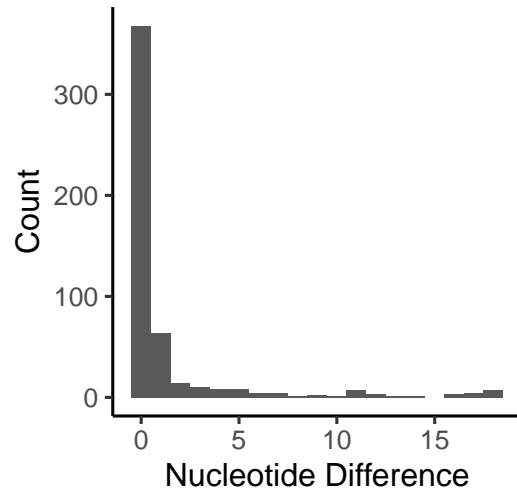
IGLV2–8*01

472 sequences assigned
330 (69.9%) exact matches, in which:
289 unique CDR3
5 unique J



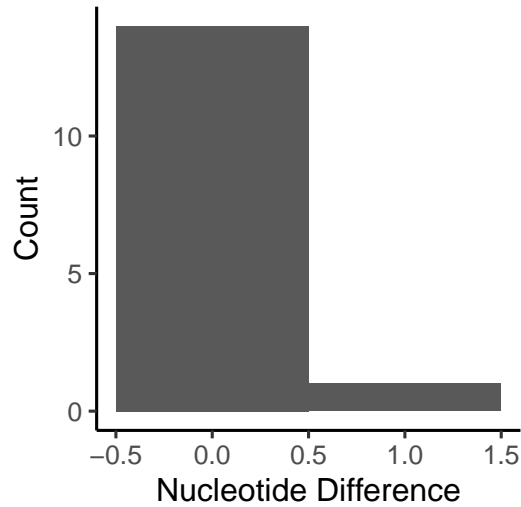
IGLV2-11*01

510 sequences assigned
368 (72.2%) exact matches, in which:
308 unique CDR3
3 unique J



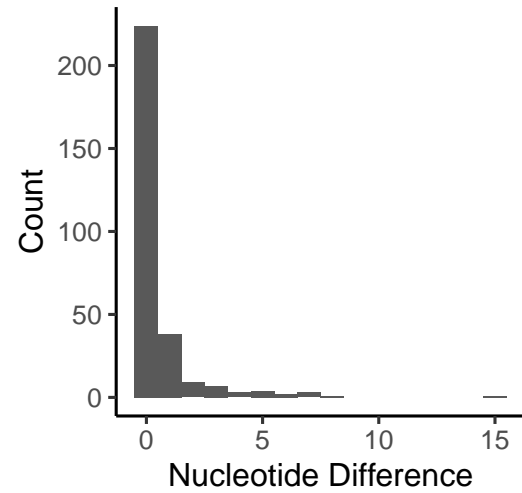
IGLV2-18*01

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



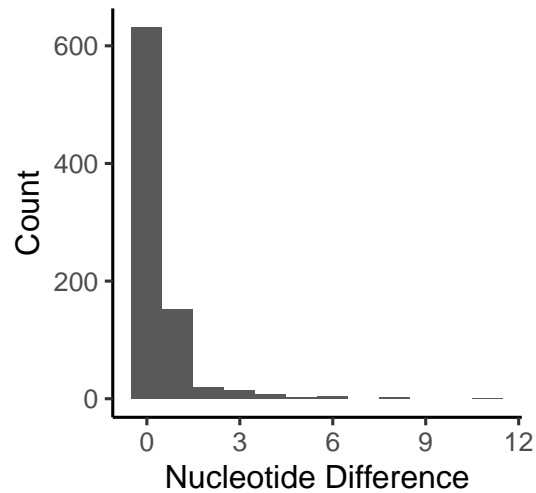
IGLV2-23*01_G170T

292 sequences assigned
224 (76.7%) exact matches, in which:
207 unique CDR3
4 unique J



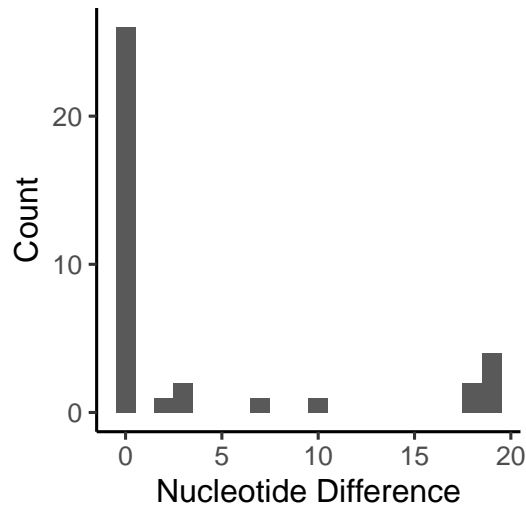
IGLV2-14*01

836 sequences assigned
632 (75.6%) exact matches, in which:
567 unique CDR3
4 unique J



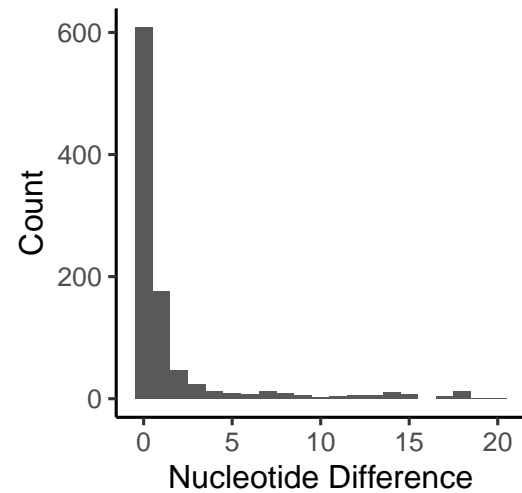
IGLV2-18*02

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



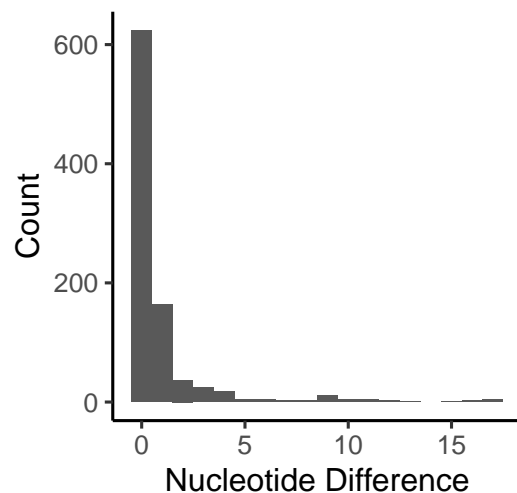
IGLV3-1*01

964 sequences assigned
609 (63.2%) exact matches, in which:
526 unique CDR3
4 unique J



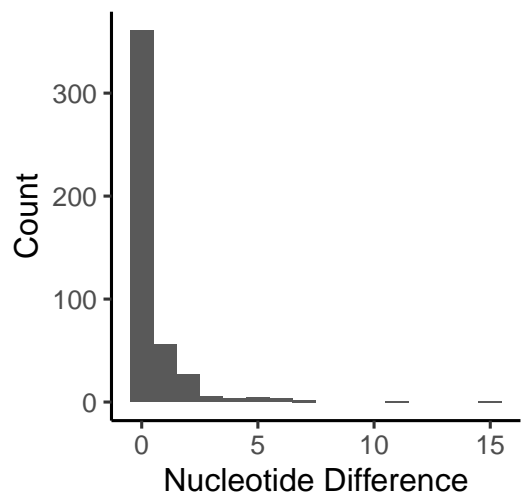
IGLV2-14*03EXT3

912 sequences assigned
624 (68.4%) exact matches, in which:
560 unique CDR3
4 unique J



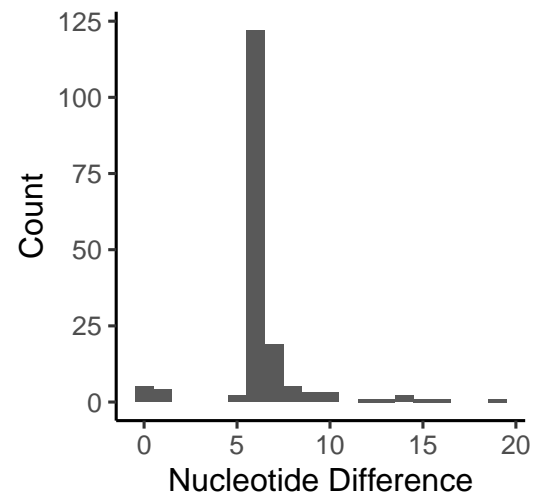
IGLV2-23*01

463 sequences assigned
361 (78%) exact matches, in which:
328 unique CDR3
5 unique J



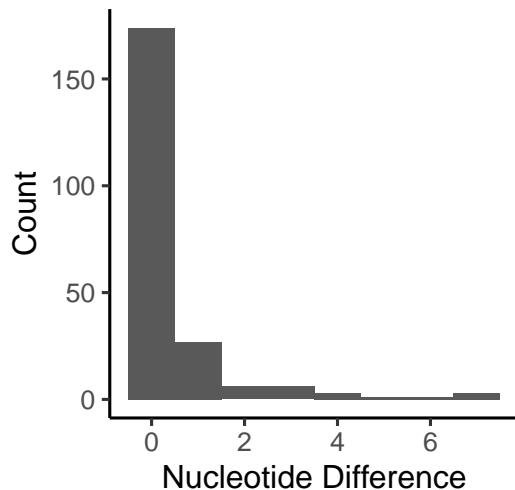
IGLV3-9*02

170 sequences assigned
5 (2.9%) exact matches, in which:
5 unique CDR3
2 unique J



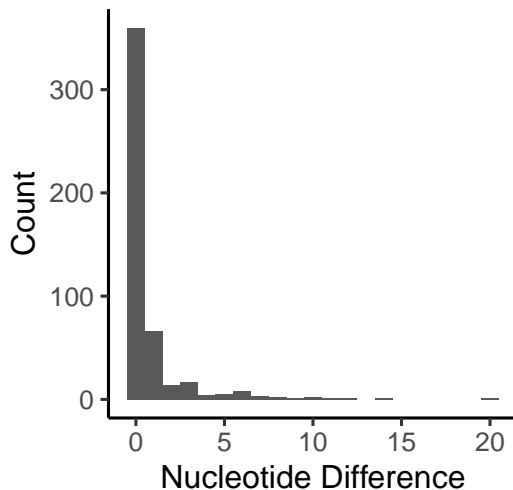
IGLV3-10*01

221 sequences assigned
174 (78.7%) exact matches, in which:
158 unique CDR3
3 unique J



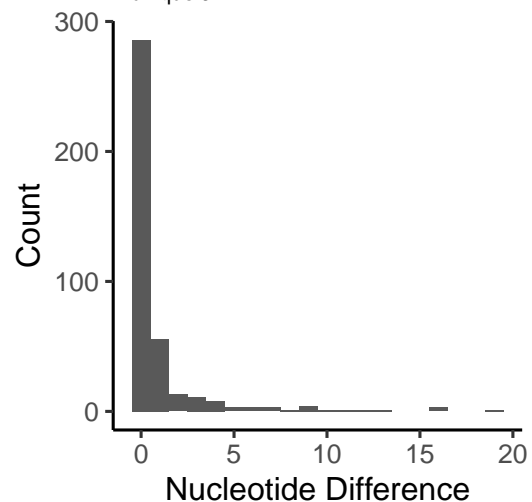
IGLV3-21*02

486 sequences assigned
360 (74.1%) exact matches, in which:
332 unique CDR3
4 unique J



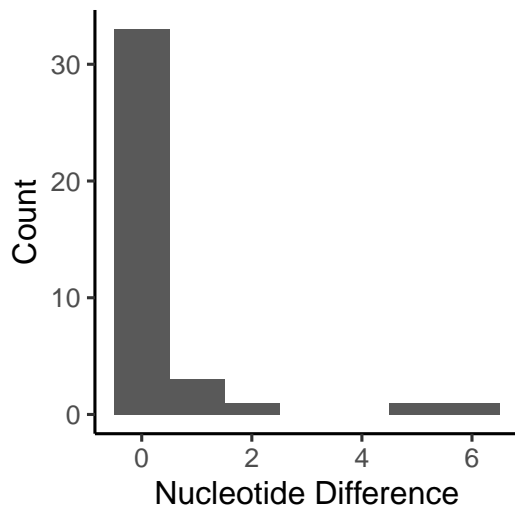
IGLV3-25*02

396 sequences assigned
286 (72.2%) exact matches, in which:
264 unique CDR3
4 unique J



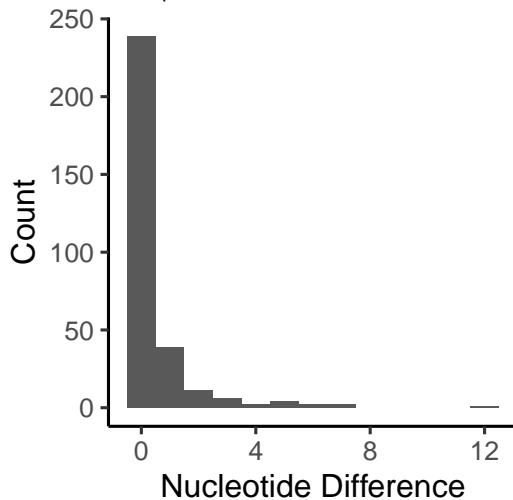
IGLV3-16*01

39 sequences assigned
33 (84.6%) exact matches, in which:
32 unique CDR3
4 unique J



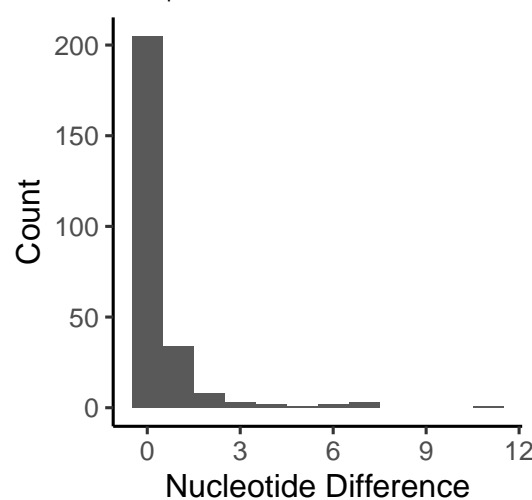
IGLV3-21*04

307 sequences assigned
239 (77.9%) exact matches, in which:
218 unique CDR3
4 unique J



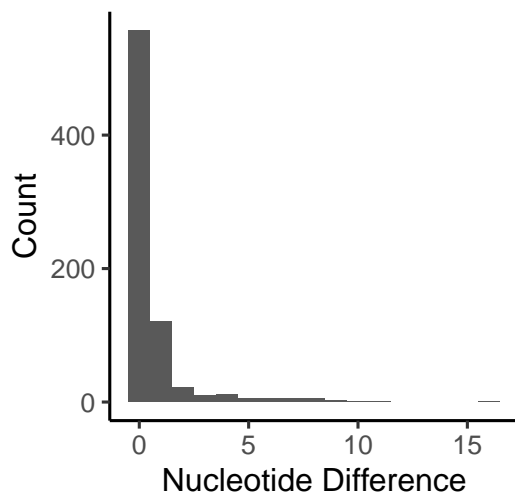
IGLV3-25*03

259 sequences assigned
205 (79.2%) exact matches, in which:
191 unique CDR3
4 unique J



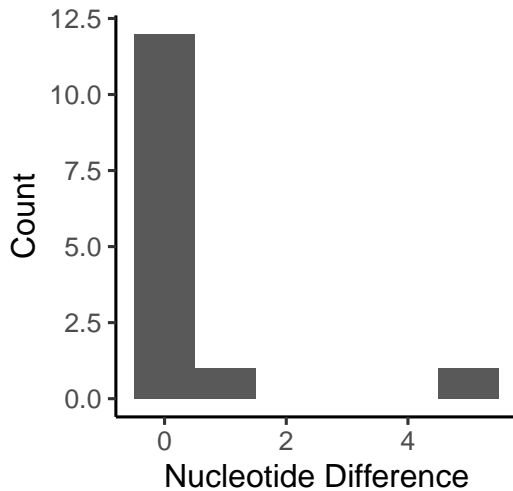
IGLV3-19*01

749 sequences assigned
557 (74.4%) exact matches, in which:
462 unique CDR3
4 unique J



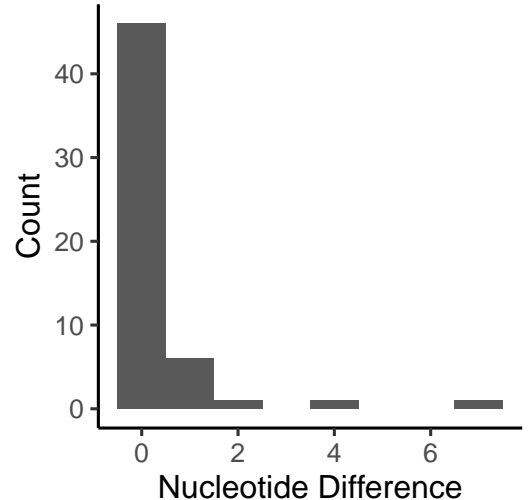
IGLV3-22*01

14 sequences assigned
12 (85.7%) exact matches, in which:
11 unique CDR3
3 unique J



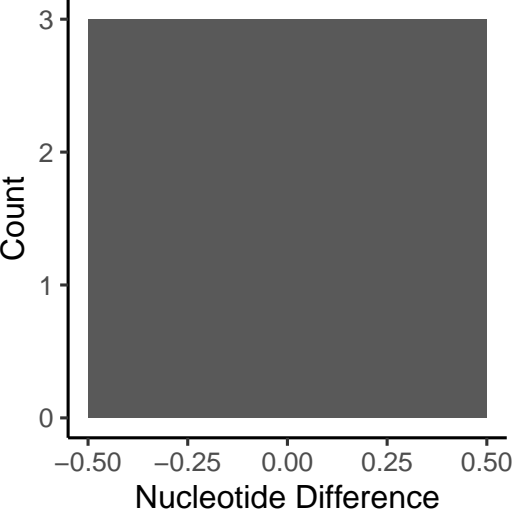
IGLV3-27*01

55 sequences assigned
46 (83.6%) exact matches, in which:
45 unique CDR3
3 unique J



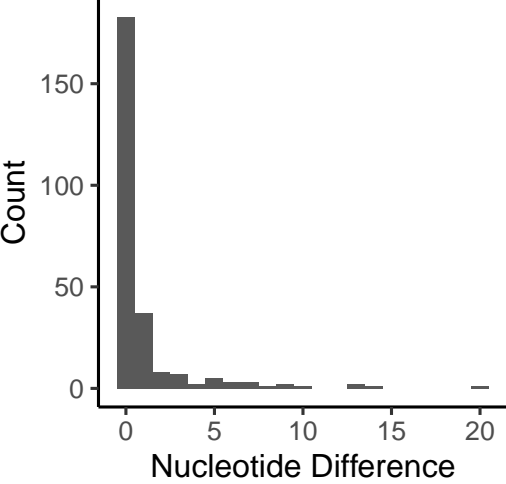
IGLV4-3*01

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



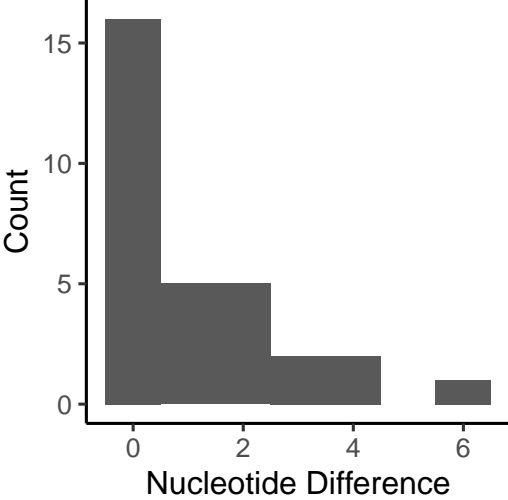
IGLV4-69*01

256 sequences assigned
183 (71.5%) exact matches, in which:
154 unique CDR3
4 unique J



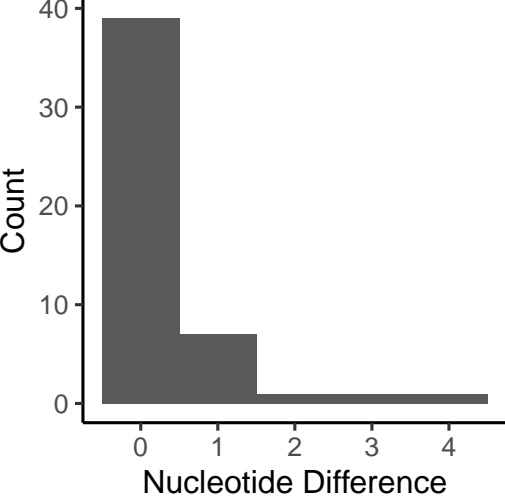
IGLV5-45*01

31 sequences assigned
16 (51.6%) exact matches, in which:
16 unique CDR3
3 unique J



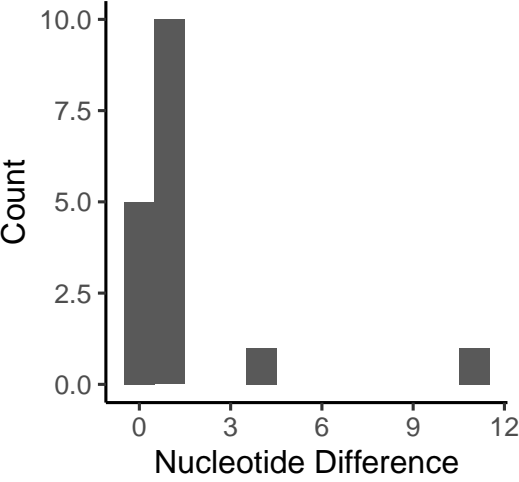
IGLV4-60*02

49 sequences assigned
39 (79.6%) exact matches, in which:
35 unique CDR3
4 unique J



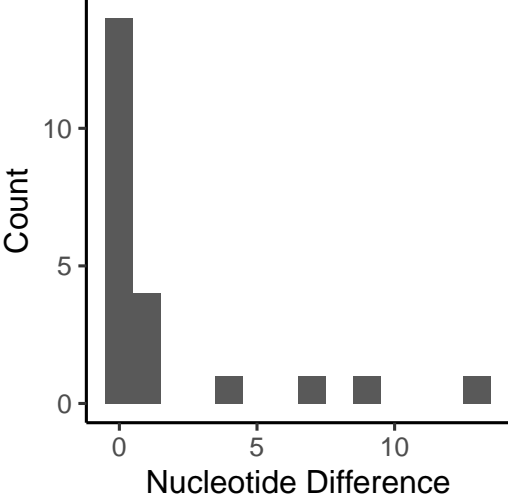
IGLV5-37*01

17 sequences assigned
5 (29.4%) exact matches, in which:
5 unique CDR3
1 unique J



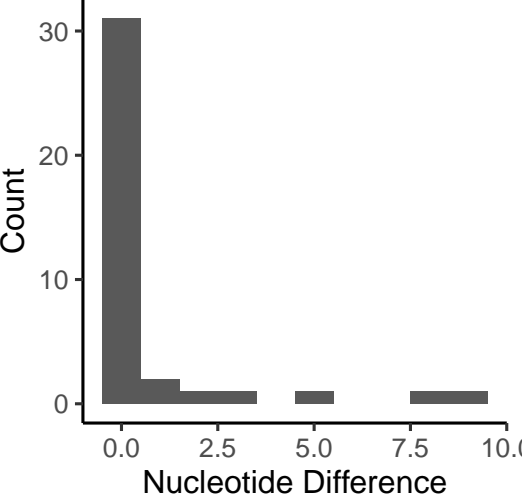
IGLV5-45*03

22 sequences assigned
14 (63.6%) exact matches, in which:
14 unique CDR3
3 unique J



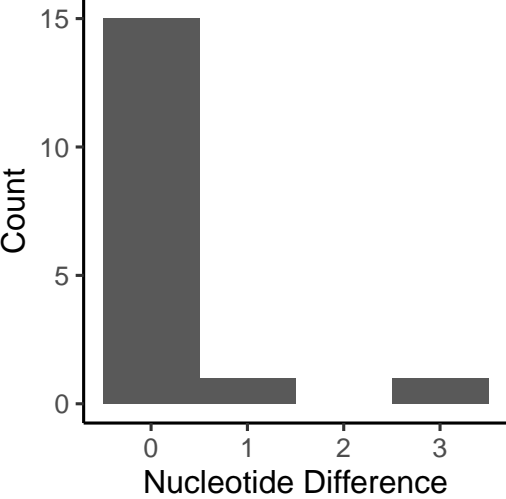
IGLV4-60*02_T287C

38 sequences assigned
31 (81.6%) exact matches, in which:
31 unique CDR3
4 unique J



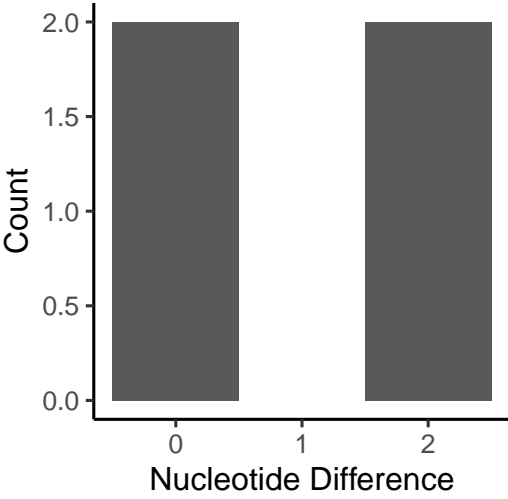
IGLV5-39*01

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



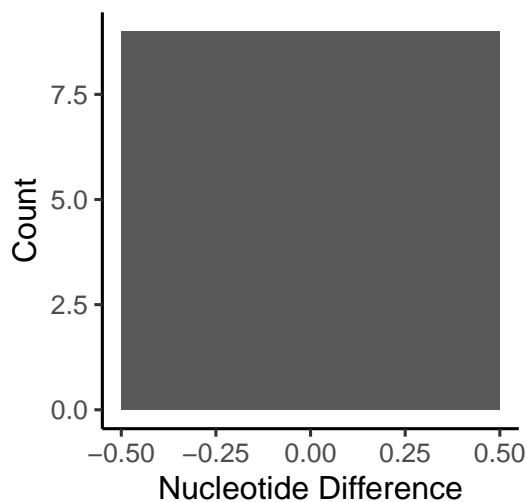
IGLV5-48*01

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



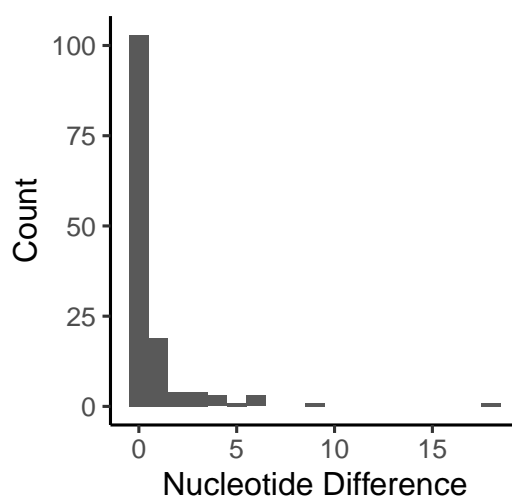
IGLV5–52*01

9 sequences assigned
9 (100%) exact matches, in which:
9 unique CDR3
3 unique J



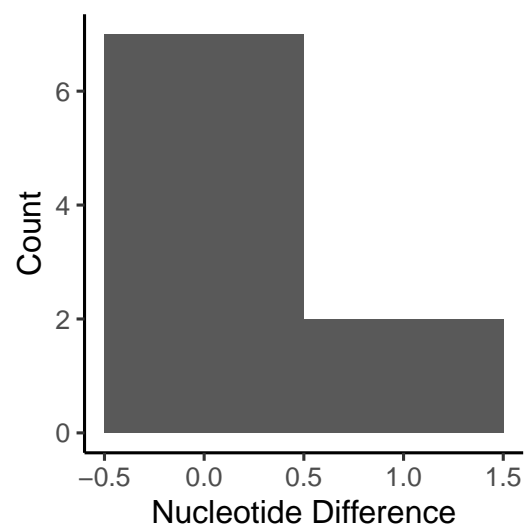
IGLV7–43*01

139 sequences assigned
103 (74.1%) exact matches, in which:
98 unique CDR3
3 unique J



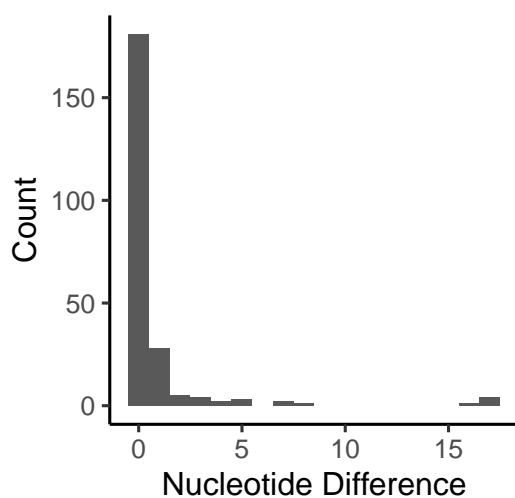
IGLV9–49*01

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



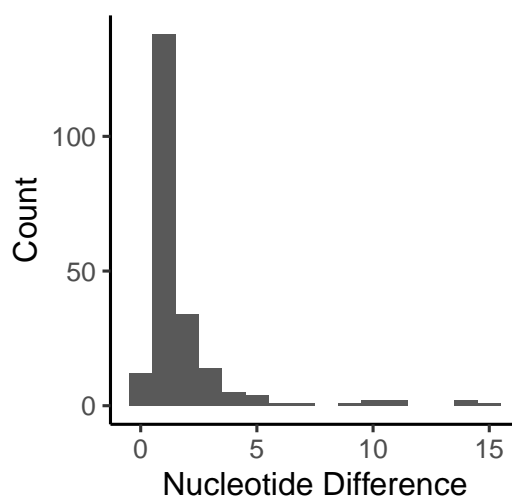
IGLV6–57*01

231 sequences assigned
181 (78.4%) exact matches, in which:
164 unique CDR3
4 unique J



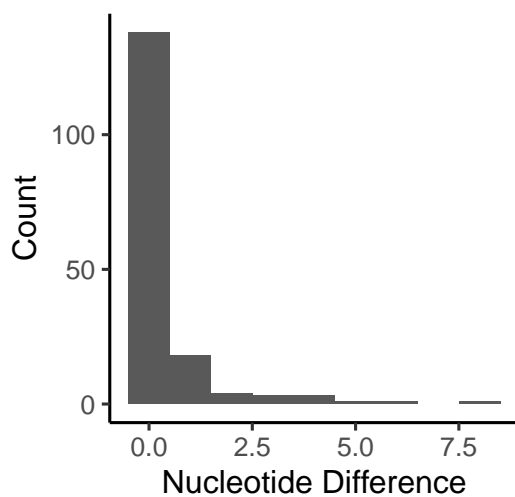
IGLV7–46*01

217 sequences assigned
12 (5.5%) exact matches, in which:
12 unique CDR3
3 unique J



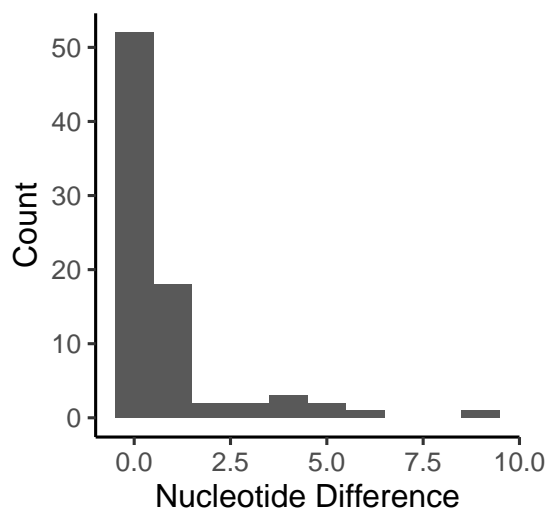
IGLV6–57*03_C21G

169 sequences assigned
138 (81.7%) exact matches, in which:
123 unique CDR3
4 unique J



IGLV8–61*01

81 sequences assigned
52 (64.2%) exact matches, in which:
43 unique CDR3
4 unique J



Allele Usage



Warning – no inferred sequences found.