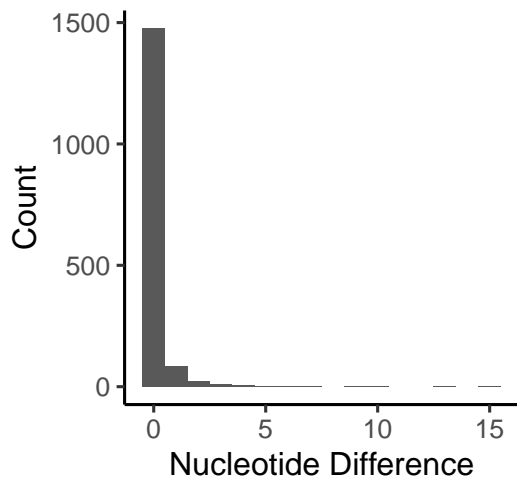


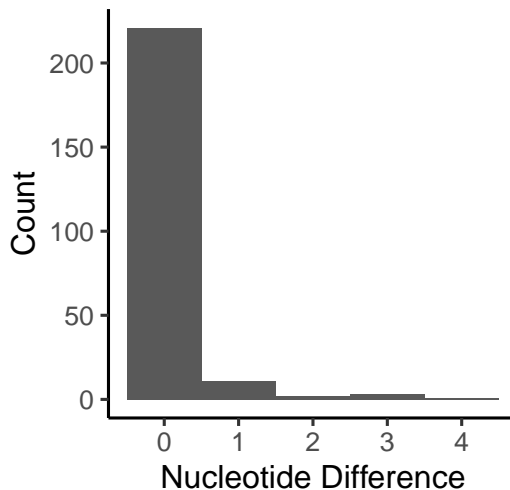
IGKV1-5*03

1612 sequences assigned
1476 (91.6%) exact matches, in which:
1147 unique CDR3
5 unique J



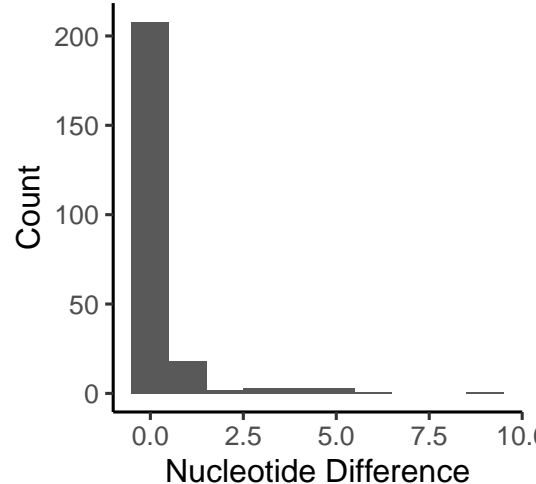
IGKV1-8*01_C59A

238 sequences assigned
221 (92.9%) exact matches, in which:
189 unique CDR3
5 unique J



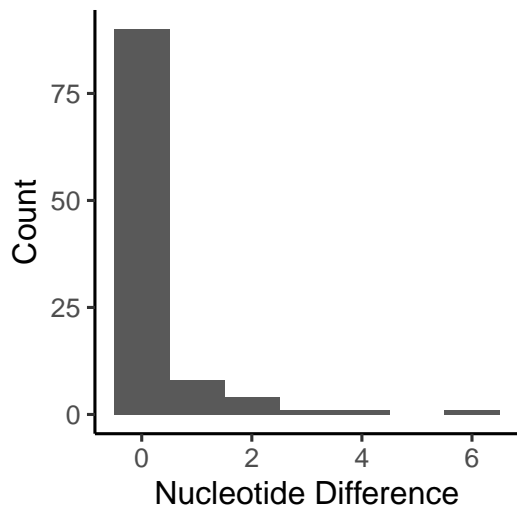
IGKV1-17*01

239 sequences assigned
208 (87%) exact matches, in which:
157 unique CDR3
5 unique J



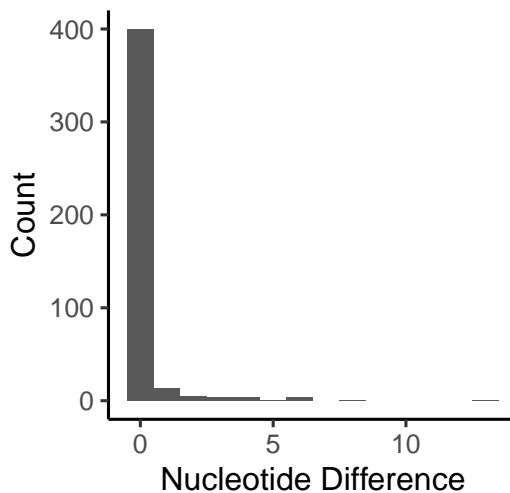
IGKV1-6*01

105 sequences assigned
90 (85.7%) exact matches, in which:
65 unique CDR3
5 unique J



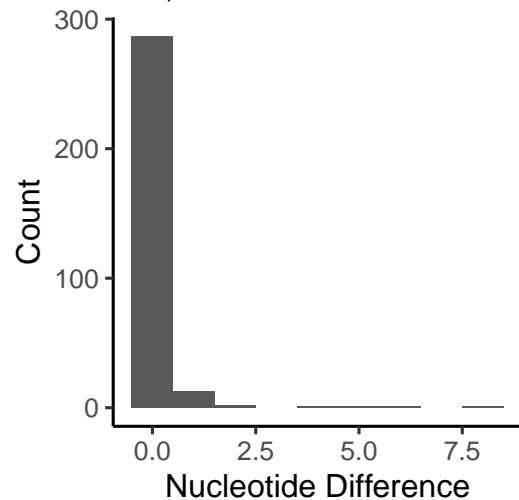
IGKV1-9*01

433 sequences assigned
400 (92.4%) exact matches, in which:
335 unique CDR3
5 unique J



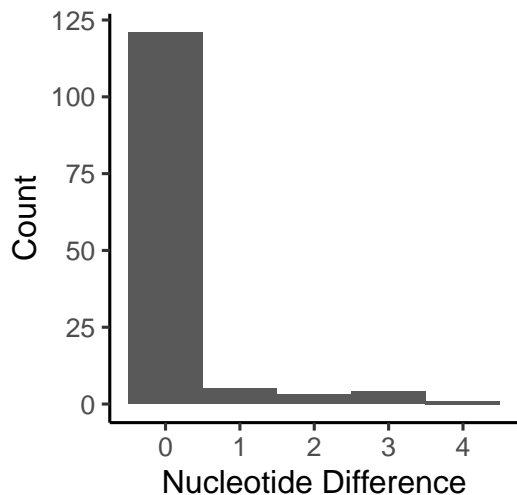
IGKV1-27*01

306 sequences assigned
287 (93.8%) exact matches, in which:
208 unique CDR3
5 unique J



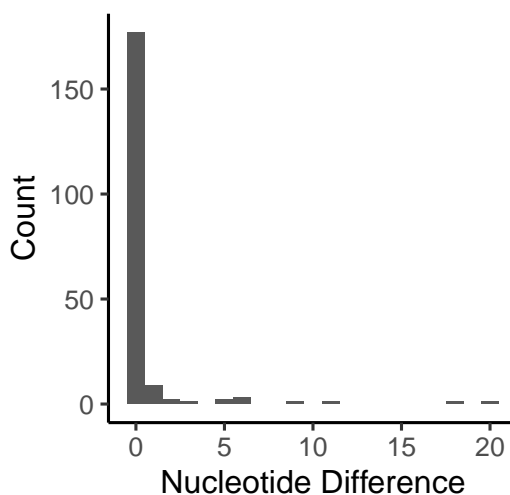
IGKV1-8*01

134 sequences assigned
121 (90.3%) exact matches, in which:
99 unique CDR3
5 unique J



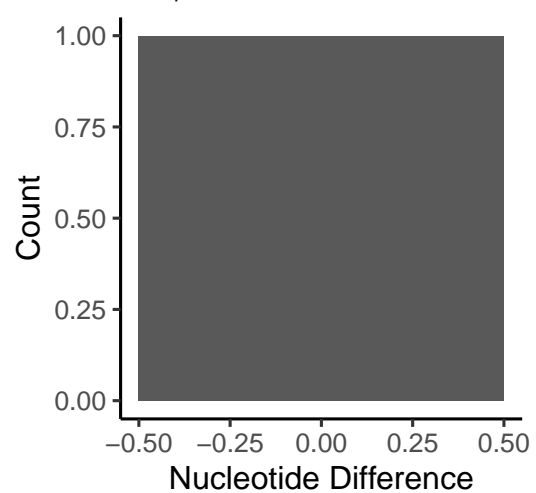
IGKV1-16*02

198 sequences assigned
177 (89.4%) exact matches, in which:
128 unique CDR3
5 unique J



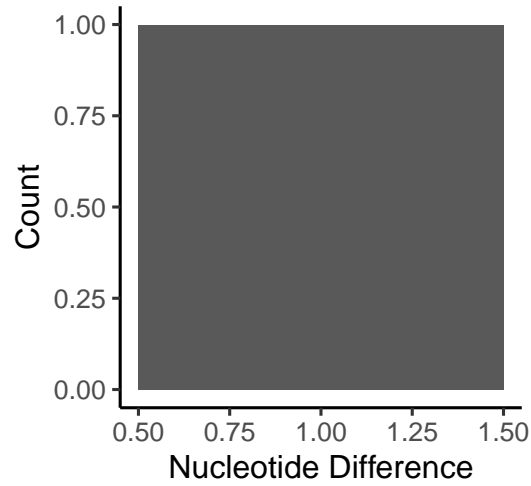
IGKV1/OR2-1*01

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



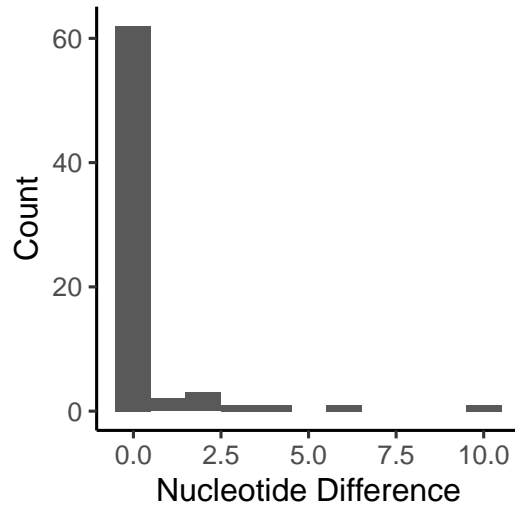
IGKV2/OR22-4*01

1 sequences assigned
No exact matches.



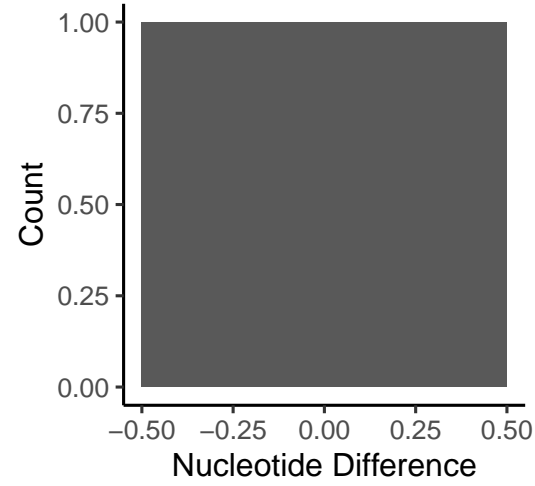
IGKV2-24*01

71 sequences assigned
62 (87.3%) exact matches, in which:
52 unique CDR3
5 unique J



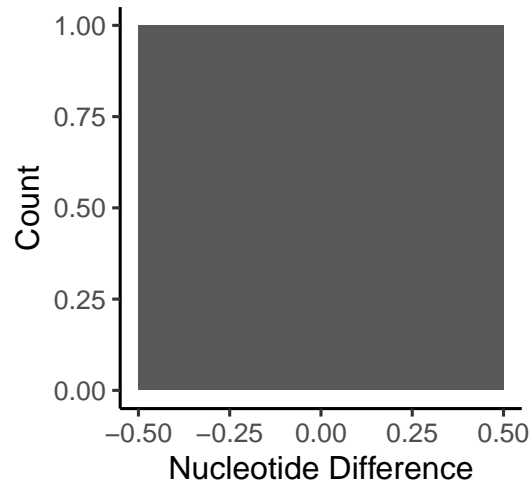
IGKV1/OR2-108*01

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



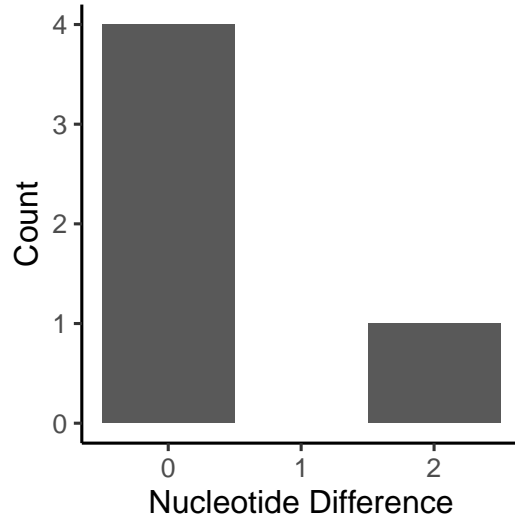
IGKV2-4*01

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



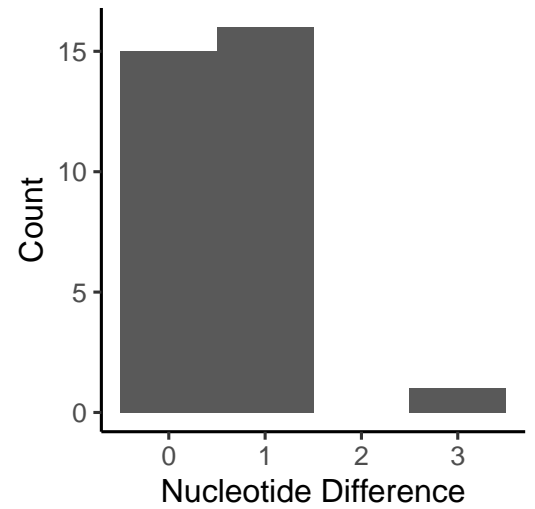
IGKV2-29*03

5 sequences assigned
4 (80%) exact matches, in which:
4 unique CDR3
2 unique J



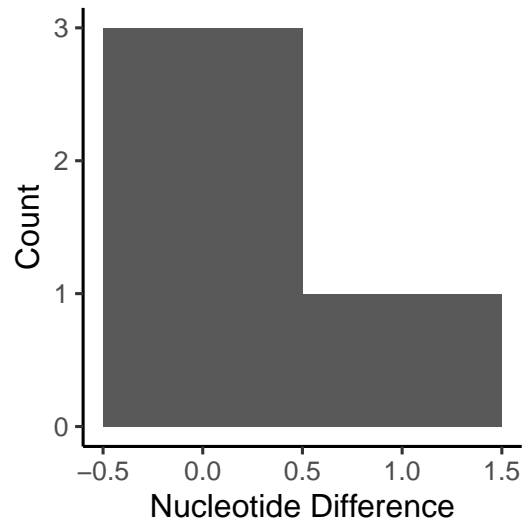
IGKV3-7*04

32 sequences assigned
15 (46.9%) exact matches, in which:
14 unique CDR3
4 unique J



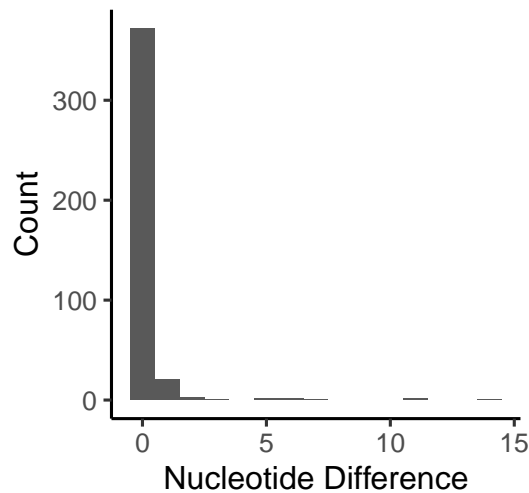
IGKV2-18*01

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



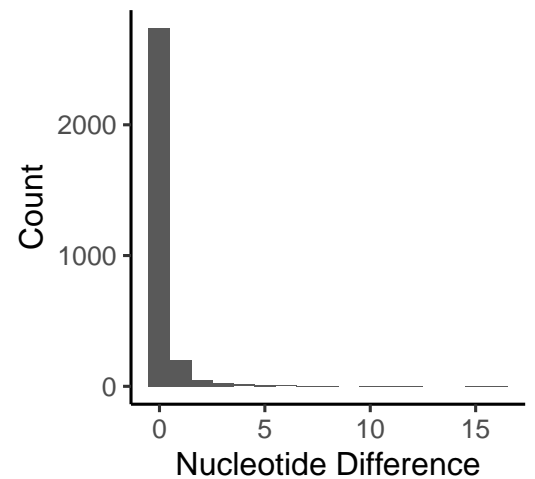
IGKV2-30*01

405 sequences assigned
372 (91.9%) exact matches, in which:
313 unique CDR3
5 unique J



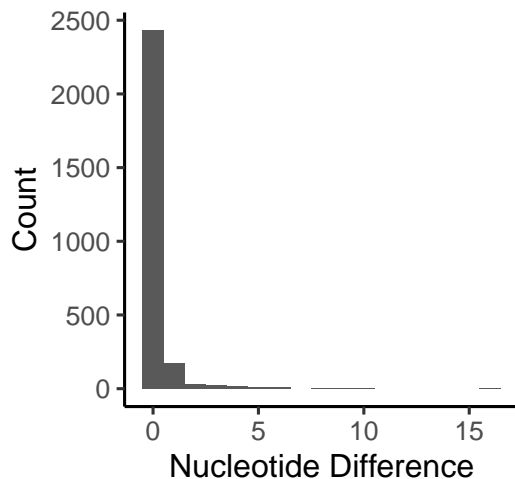
IGKV3-11*01

3058 sequences assigned
2740 (89.6%) exact matches, in which:
1889 unique CDR3
5 unique J



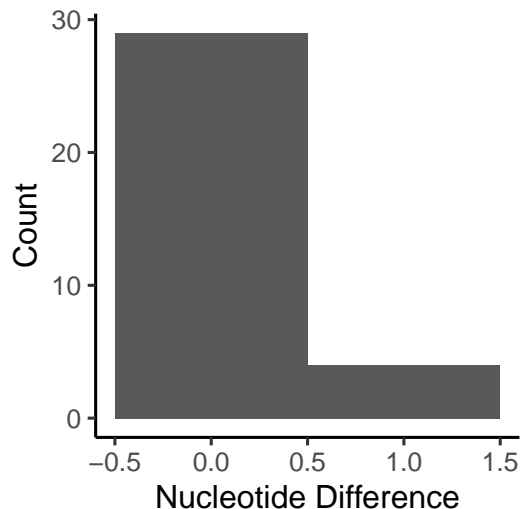
IGKV3-15*01

2699 sequences assigned
2431 (90.1%) exact matches, in which:
1728 unique CDR3
5 unique J



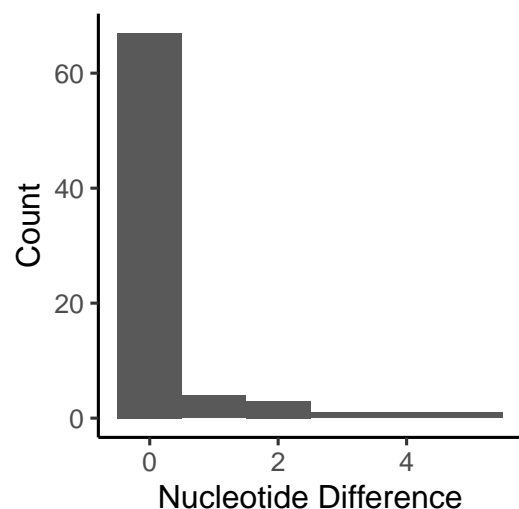
IGKV5-2*01

33 sequences assigned
29 (87.9%) exact matches, in which:
25 unique CDR3
4 unique J



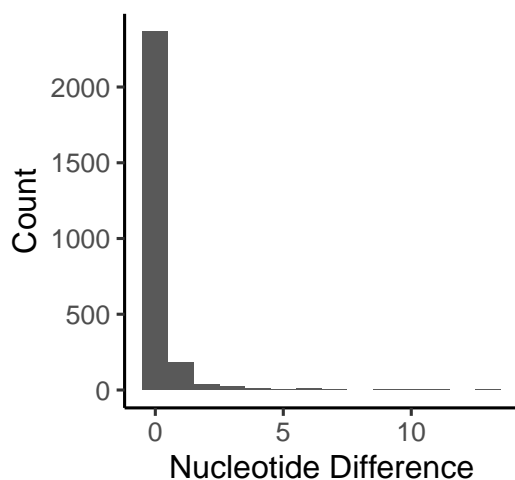
IGKV1D-8*01

77 sequences assigned
67 (87%) exact matches, in which:
55 unique CDR3
5 unique J



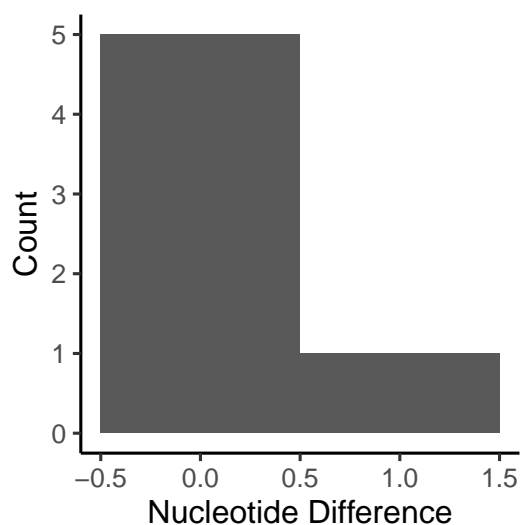
IGKV3-20*01

2642 sequences assigned
2365 (89.5%) exact matches, in which:
1675 unique CDR3
5 unique J



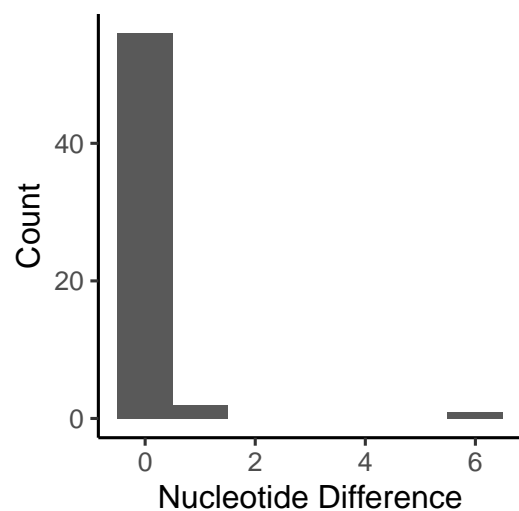
IGKV7-3*01

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



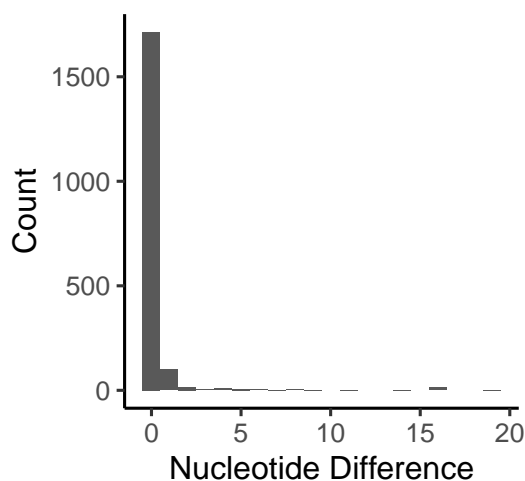
IGKV1D-8*02

59 sequences assigned
56 (94.9%) exact matches, in which:
44 unique CDR3
5 unique J



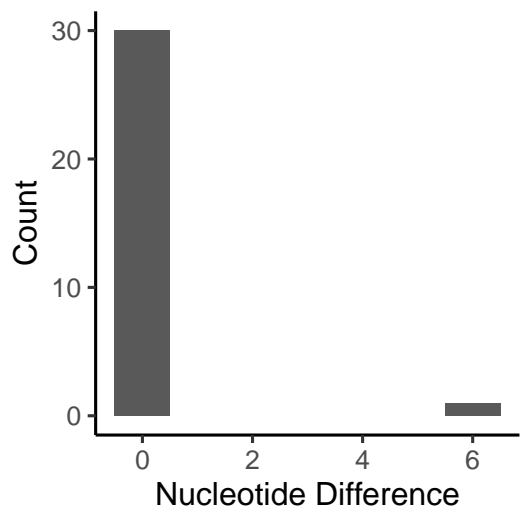
IGKV4-1*01

1872 sequences assigned
1714 (91.6%) exact matches, in which:
1076 unique CDR3
5 unique J



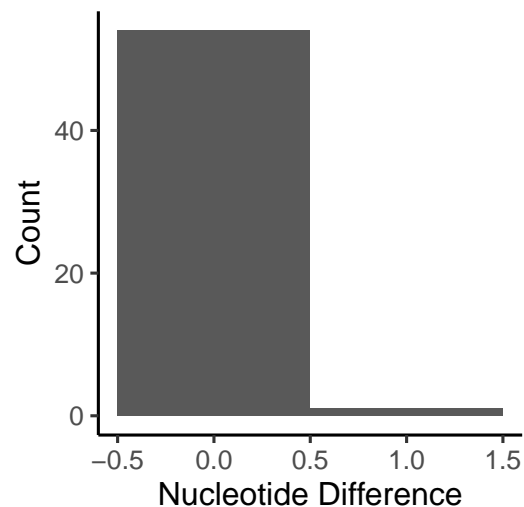
IGKV3D-7*01

31 sequences assigned
30 (96.8%) exact matches, in which:
29 unique CDR3
4 unique J



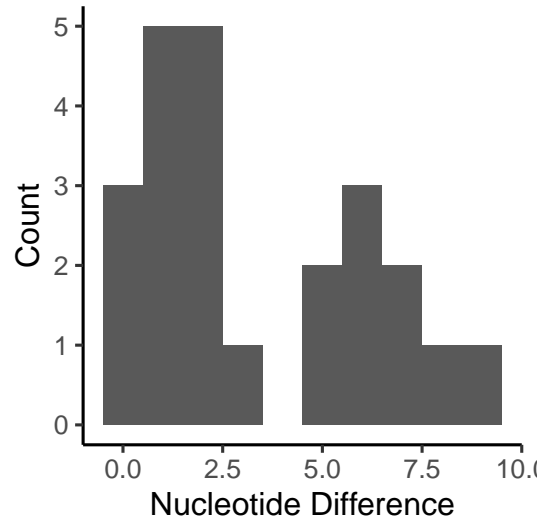
IGKV3D-11*02

55 sequences assigned
54 (98.2%) exact matches, in which:
51 unique CDR3
5 unique J



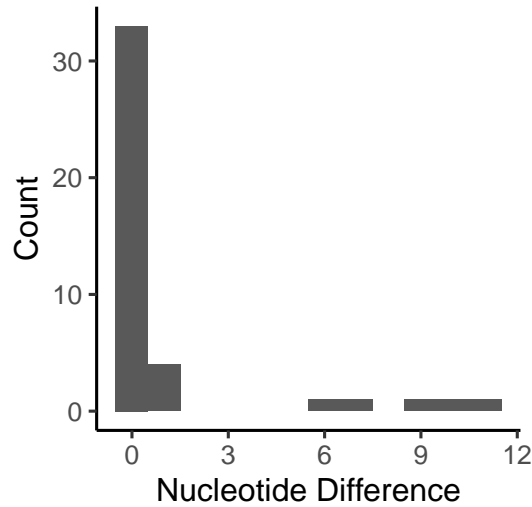
IGKV3D–15*01

24 sequences assigned
3 (12.5%) exact matches, in which:
3 unique CDR3
2 unique J



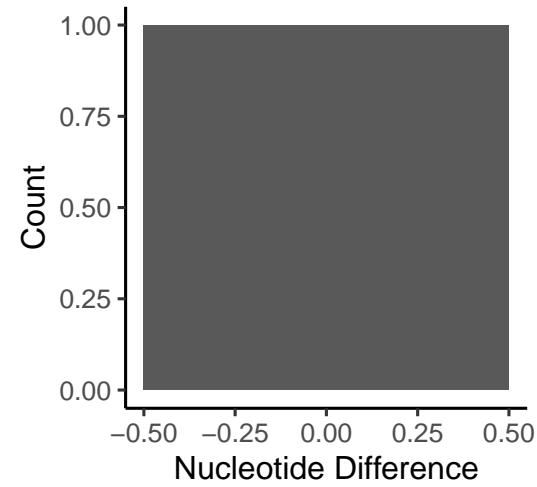
IGKV1D–16*01

42 sequences assigned
33 (78.6%) exact matches, in which:
31 unique CDR3
5 unique J



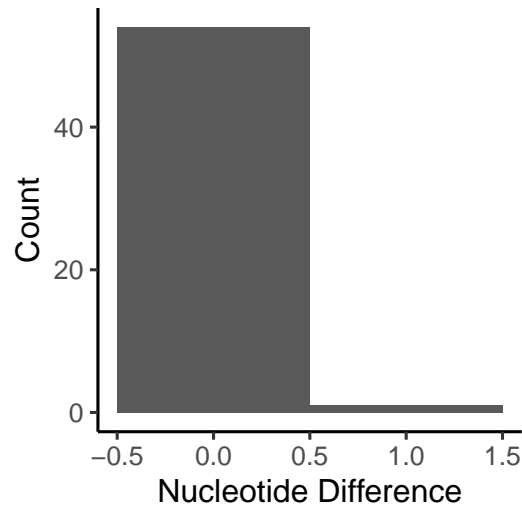
IGKV2D–24*01

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



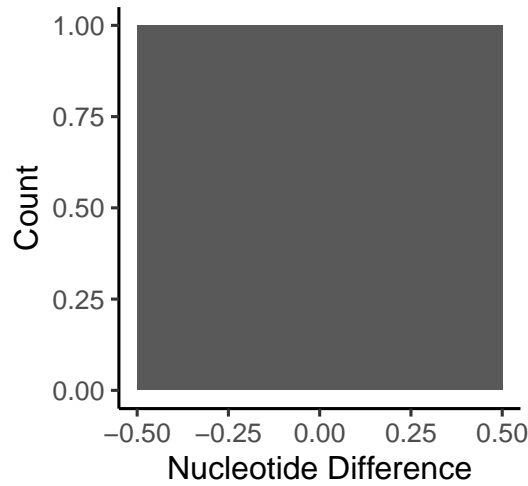
IGKV3D–15*03

55 sequences assigned
54 (98.2%) exact matches, in which:
47 unique CDR3
5 unique J



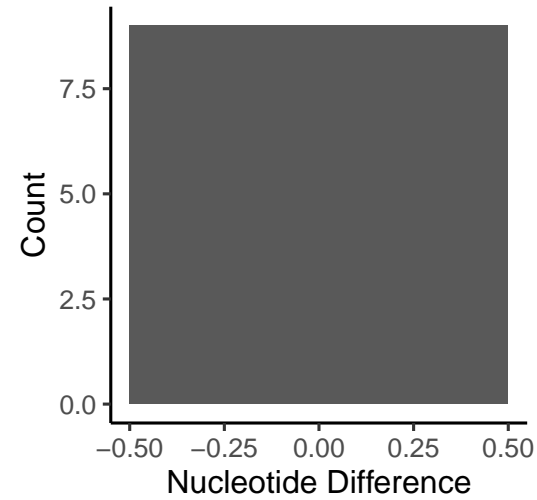
IGKV1D–17*01

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



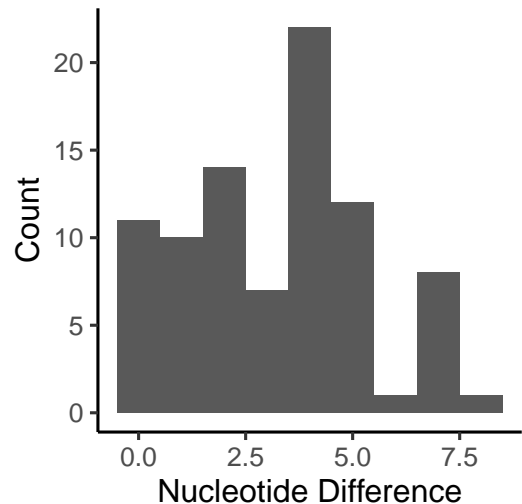
IGKV2D–26*03

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



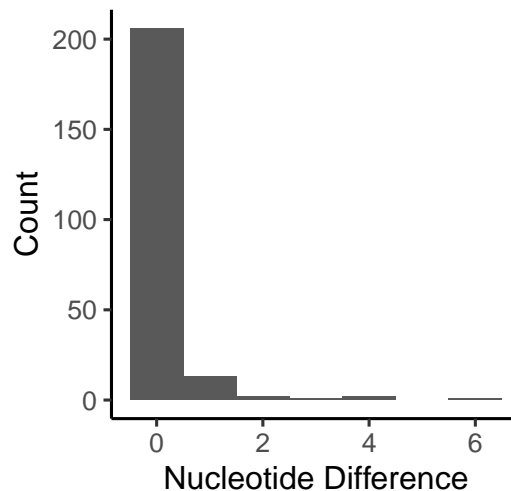
IGKV3D–15*01_G258C_C

86 sequences assigned
11 (12.8%) exact matches, in which:
11 unique CDR3
4 unique J



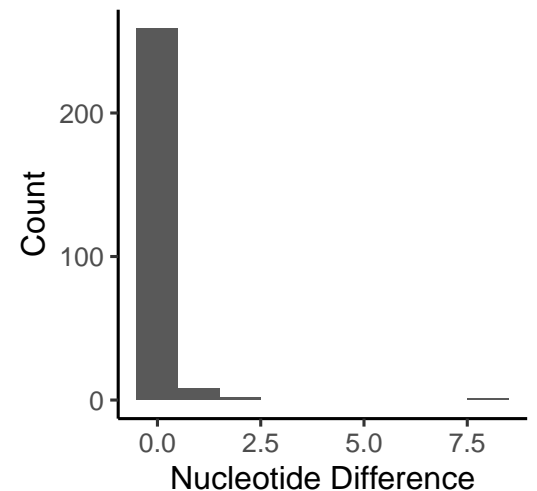
IGKV3D–20*01

225 sequences assigned
206 (91.6%) exact matches, in which:
174 unique CDR3
5 unique J



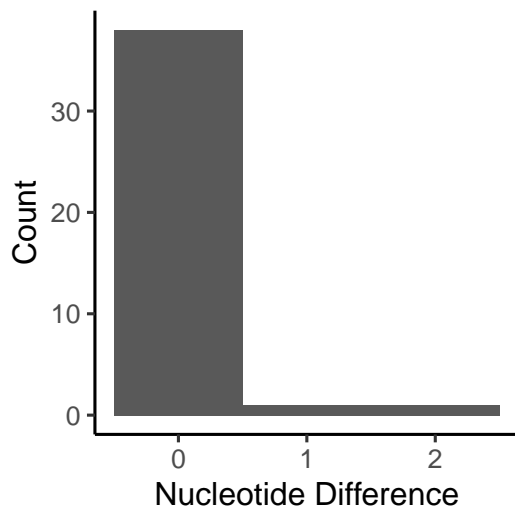
IGKV2D–29*01

270 sequences assigned
259 (95.9%) exact matches, in which:
219 unique CDR3
5 unique J



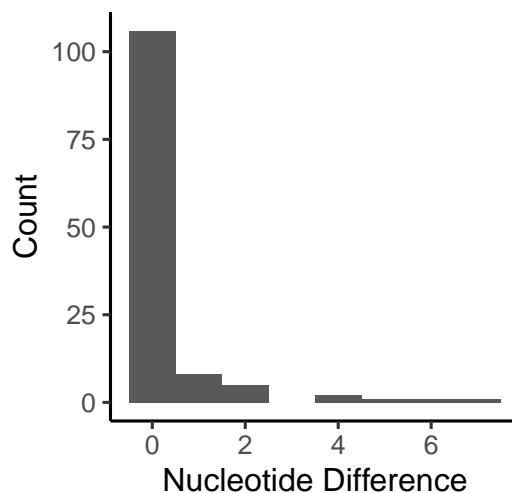
IGKV2D-30*01

40 sequences assigned
38 (95%) exact matches, in which:
38 unique CDR3
5 unique J



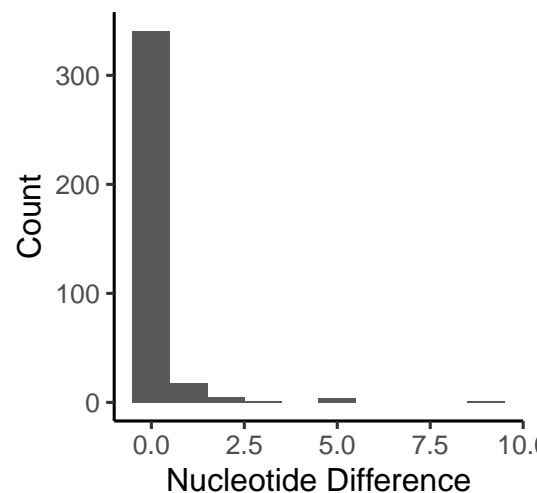
IGKV1E-12*01

124 sequences assigned
106 (85.5%) exact matches, in which:
76 unique CDR3
5 unique J



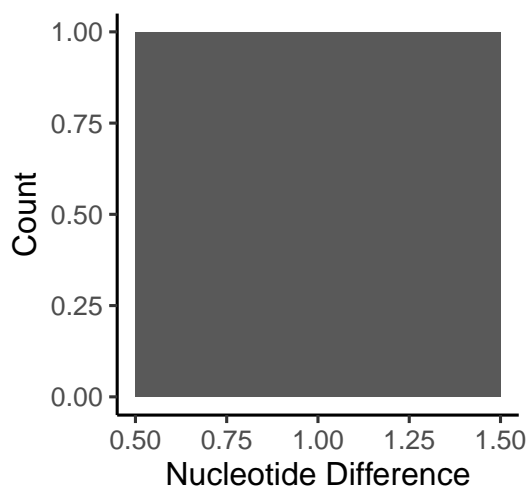
IGKV1E-13*02

370 sequences assigned
341 (92.2%) exact matches, in which:
273 unique CDR3
5 unique J



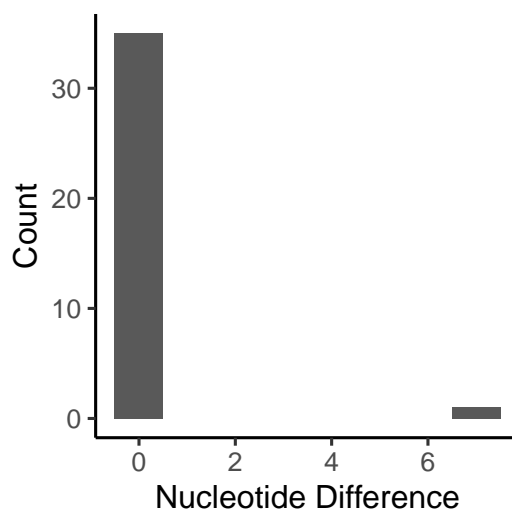
IGKV6D-41*01

1 sequences assigned
No exact matches.



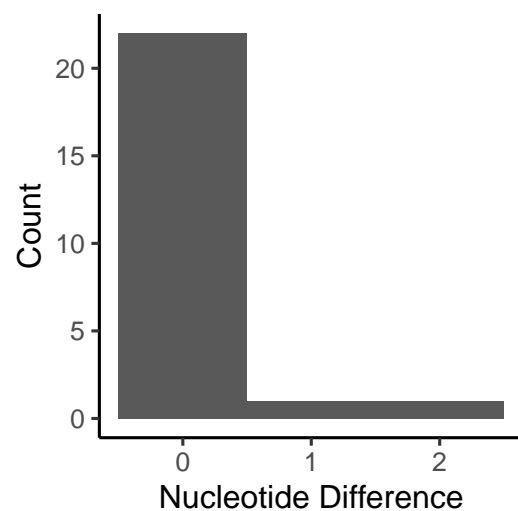
IGKV1E-12*02

36 sequences assigned
35 (97.2%) exact matches, in which:
28 unique CDR3
5 unique J



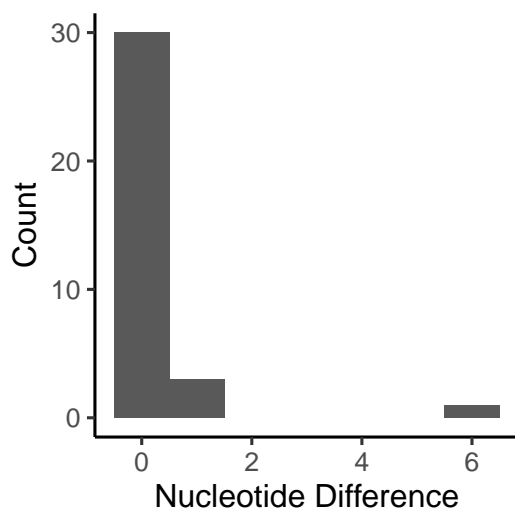
IGKV6E-21*01

24 sequences assigned
22 (91.7%) exact matches, in which:
19 unique CDR3
5 unique J



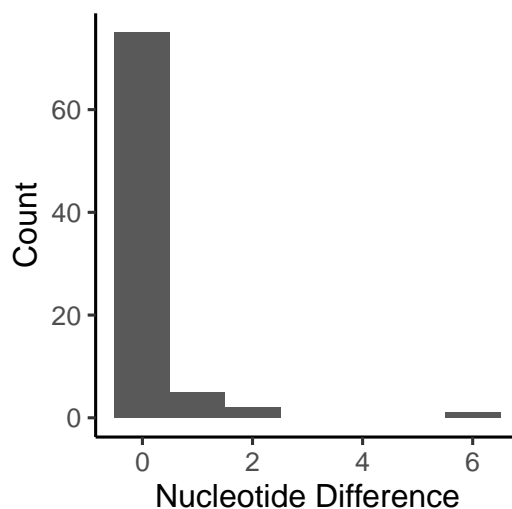
IGKV1D-43*01

34 sequences assigned
30 (88.2%) exact matches, in which:
27 unique CDR3
5 unique J



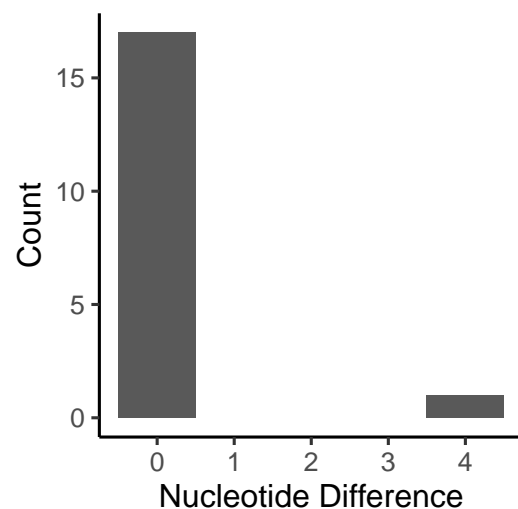
IGKV1E-12*03

83 sequences assigned
75 (90.4%) exact matches, in which:
61 unique CDR3
5 unique J



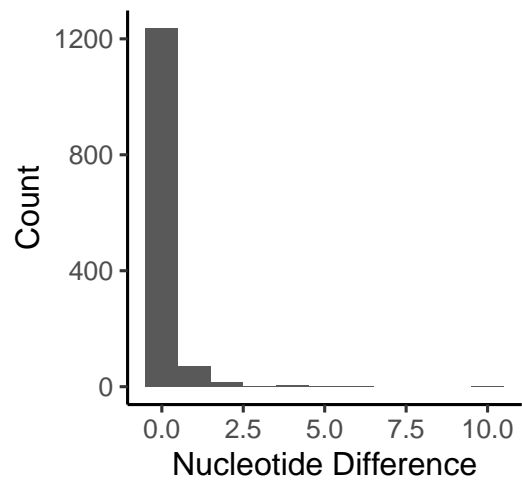
IGKV6E-21*03

18 sequences assigned
17 (94.4%) exact matches, in which:
13 unique CDR3
3 unique J



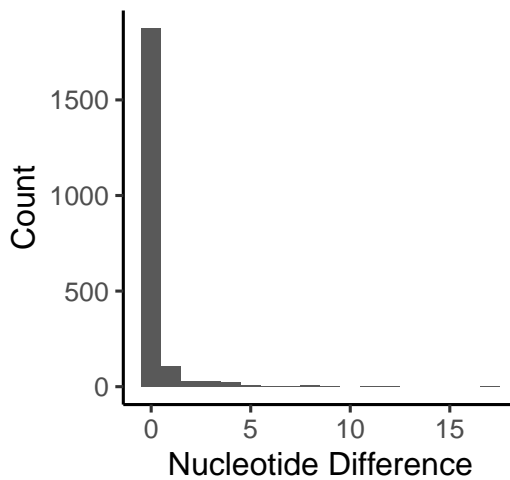
IGKV2E-28*01

1332 sequences assigned
1236 (92.8%) exact matches, in which:
907 unique CDR3
5 unique J



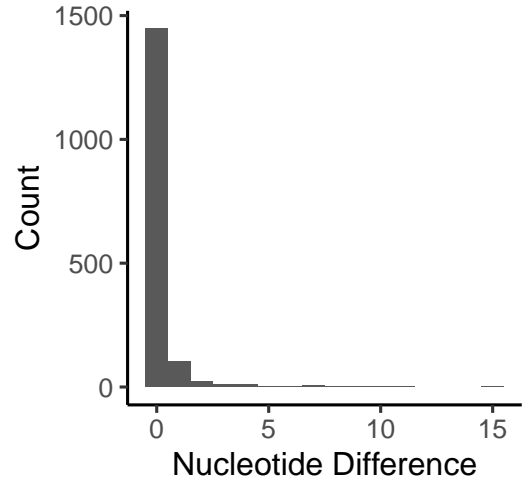
IGKV1E-39*01

2090 sequences assigned
1874 (89.7%) exact matches, in which:
1266 unique CDR3
5 unique J



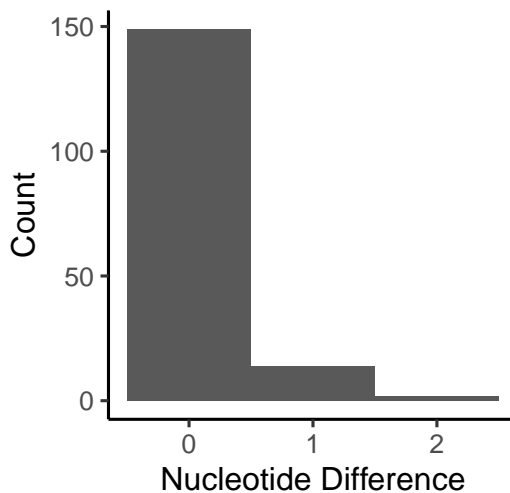
IGKV1E-33*01

1615 sequences assigned
1447 (89.6%) exact matches, in which:
996 unique CDR3
5 unique J



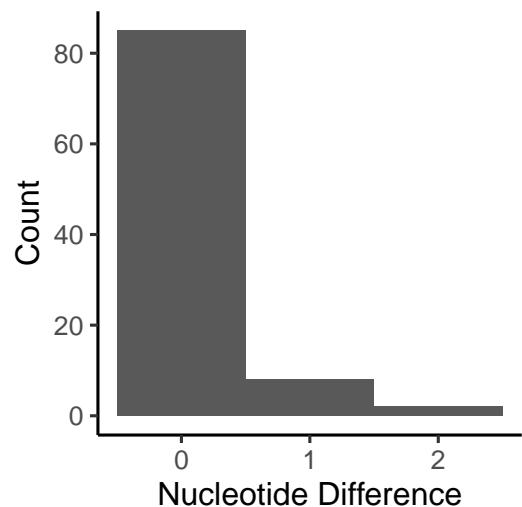
IGKV2E-40*01

165 sequences assigned
149 (90.3%) exact matches, in which:
117 unique CDR3
5 unique J



IGKV1E-37*01

95 sequences assigned
85 (89.5%) exact matches, in which:
82 unique CDR3
5 unique J





Warning – no inferred sequences found.