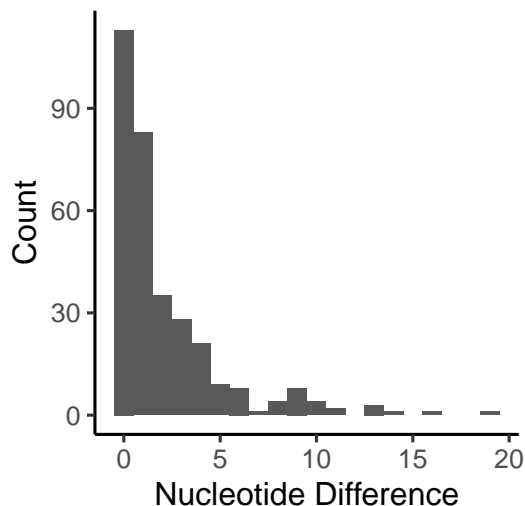


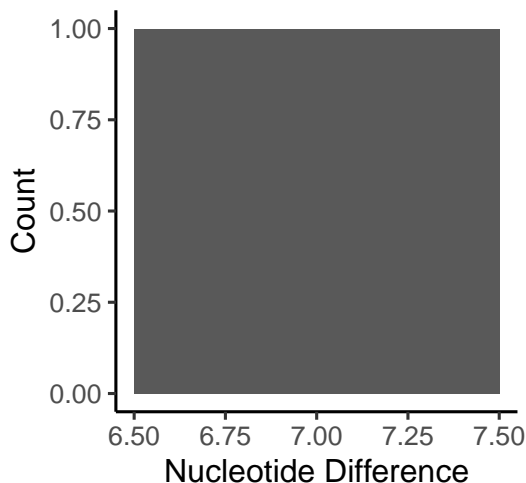
IGHV1S10*01_G167T

325 sequences assigned
113 (34.8%) exact matches, in which:
102 unique CDR3
6 unique J



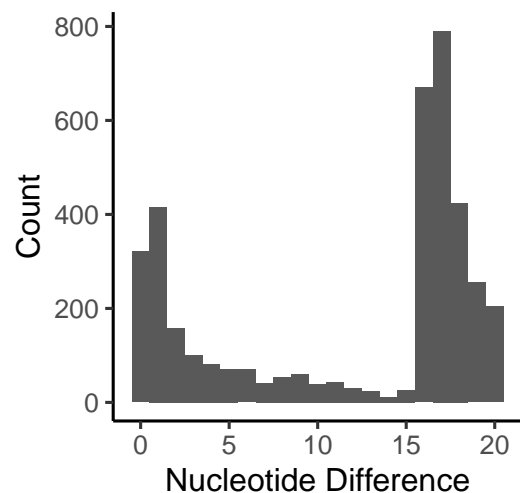
IGHV1S4*01

37 sequences assigned
No exact matches.



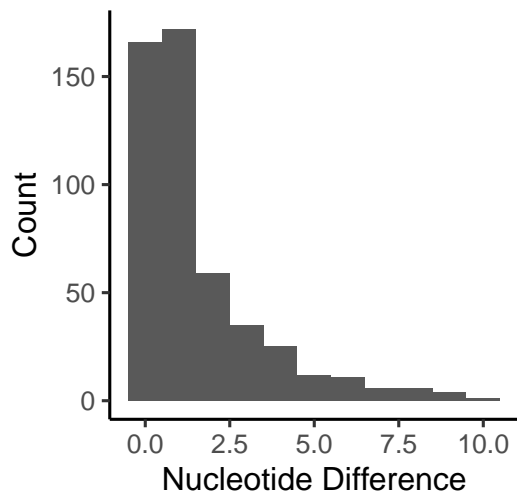
IGHV3S11*01_A113C_C2

5571 sequences assigned
321 (5.8%) exact matches, in which:
260 unique CDR3
7 unique J



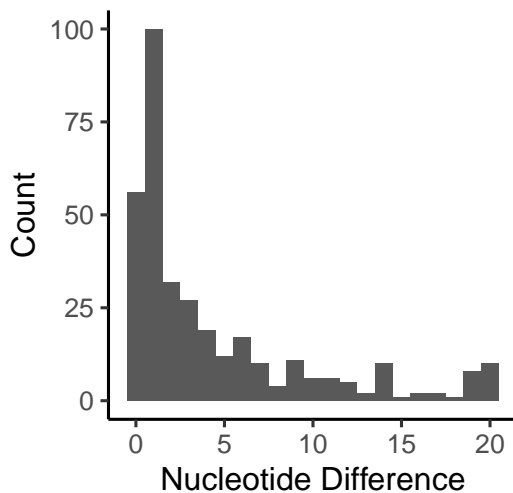
IGHV1S10*01_G167T_A'

497 sequences assigned
166 (33.4%) exact matches, in which:
153 unique CDR3
7 unique J



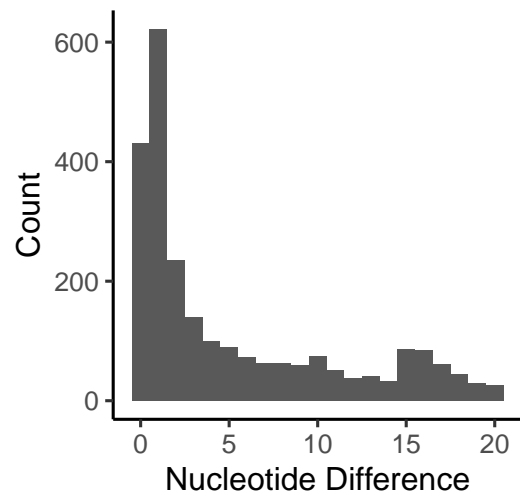
IGHV2S1*01_G6C_C91A

1156 sequences assigned
56 (4.8%) exact matches, in which:
49 unique CDR3
7 unique J



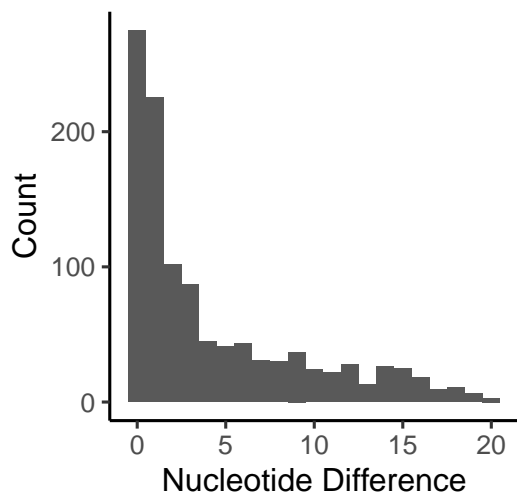
IGHV3S11*01_C267T

3009 sequences assigned
431 (14.3%) exact matches, in which:
364 unique CDR3
6 unique J



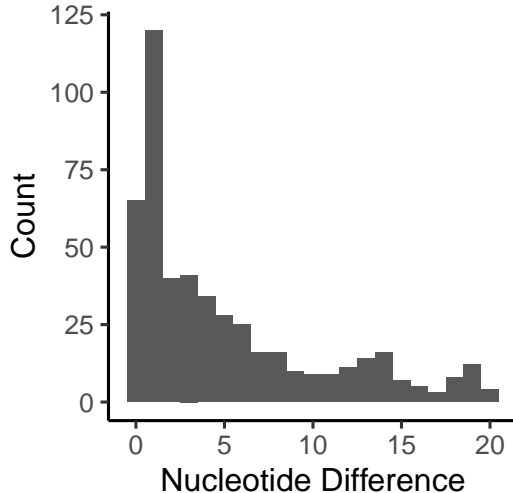
IGHV1S2*01_G24T_G16I

1548 sequences assigned
275 (17.8%) exact matches, in which:
245 unique CDR3
6 unique J



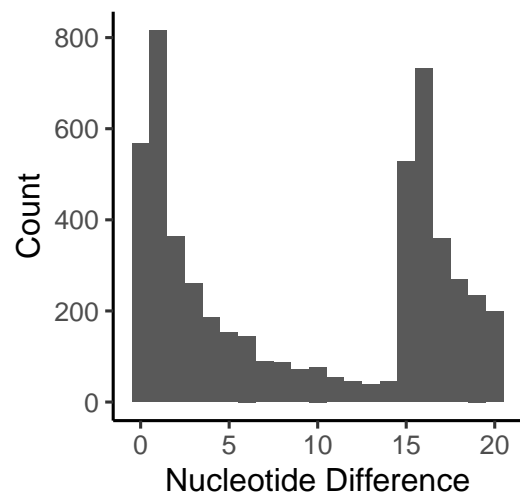
IGHV2S1*01_G6C_G36C

538 sequences assigned
65 (12.1%) exact matches, in which:
54 unique CDR3
6 unique J



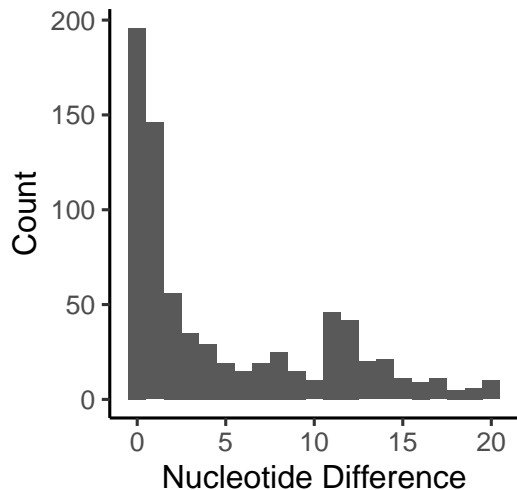
IGHV3S16*01_G24A_T10

7212 sequences assigned
568 (7.9%) exact matches, in which:
483 unique CDR3
6 unique J



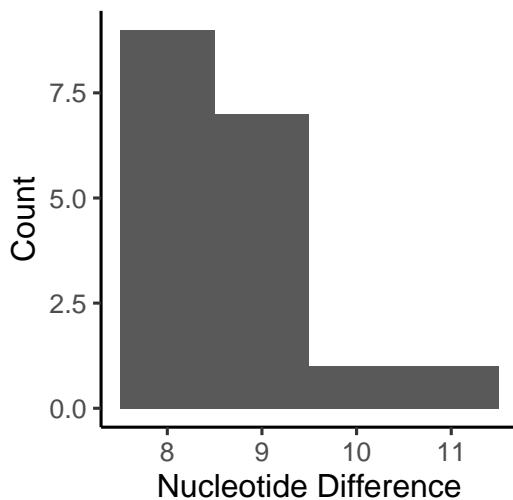
IGHV3S18*01_G3A_C27

1499 sequences assigned
196 (13.1%) exact matches, in which:
175 unique CDR3
6 unique J



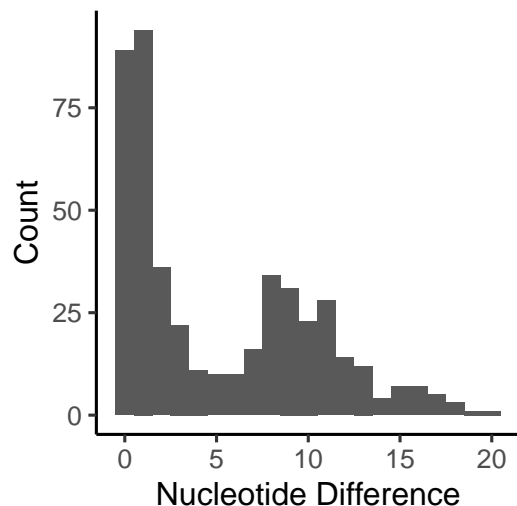
IGHV3S21*01

19 sequences assigned
No exact matches.



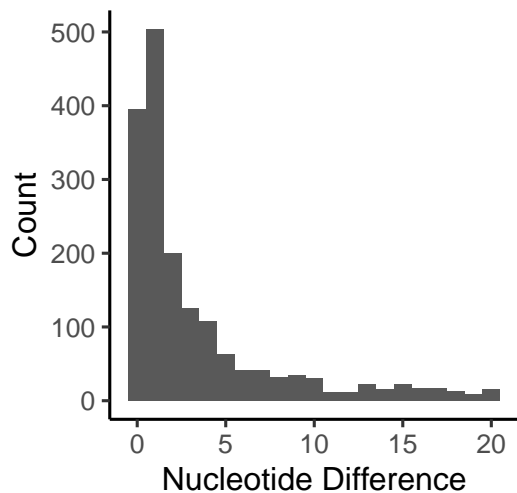
IGHV3S30*01_A307T

489 sequences assigned
89 (18.2%) exact matches, in which:
76 unique CDR3
6 unique J



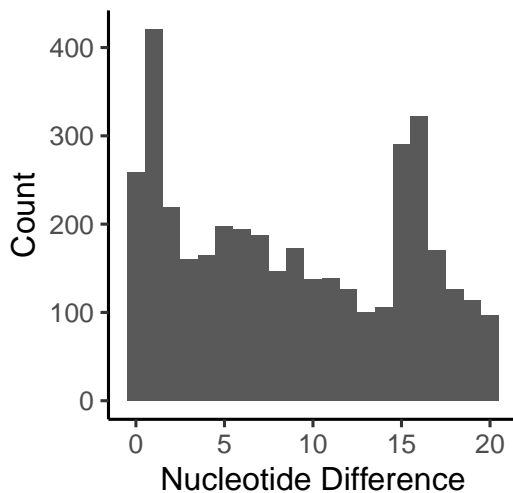
IGHV3S18*01_T69C_G8

1887 sequences assigned
395 (20.9%) exact matches, in which:
340 unique CDR3
6 unique J



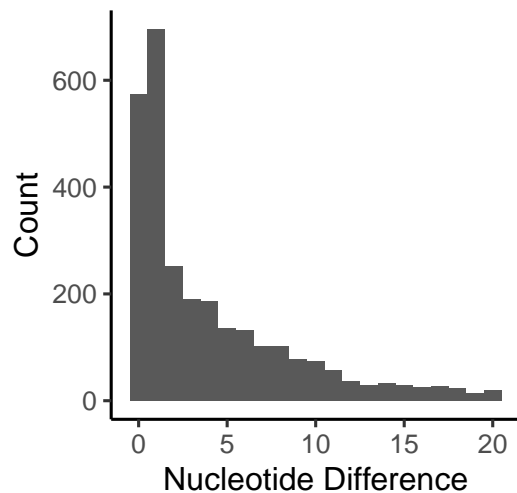
IGHV3S22*01_A121C_G

5234 sequences assigned
259 (4.9%) exact matches, in which:
226 unique CDR3
5 unique J



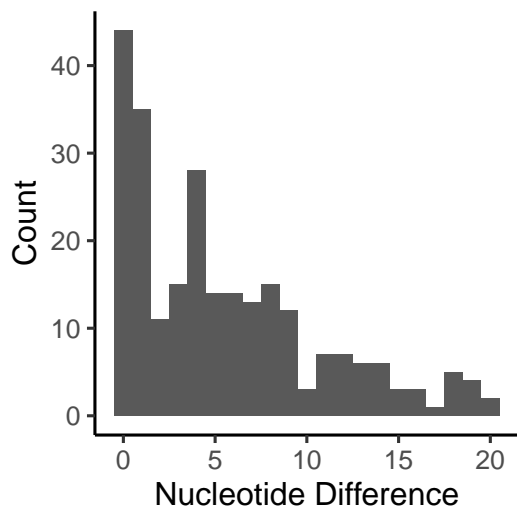
IGHV3S32*01_C114T_T1

2901 sequences assigned
573 (19.8%) exact matches, in which:
495 unique CDR3
6 unique J



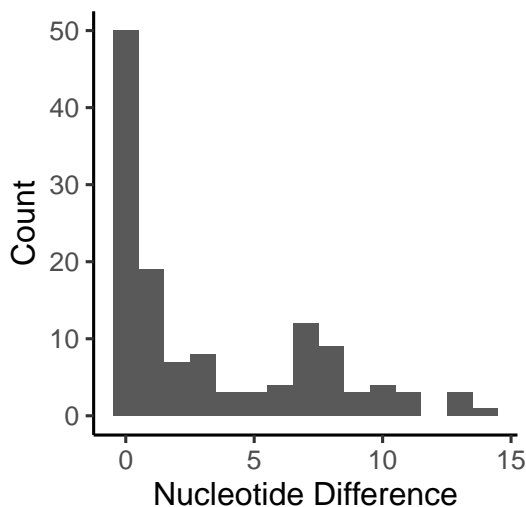
IGHV3S20*01_C34T_C61

374 sequences assigned
44 (11.8%) exact matches, in which:
41 unique CDR3
5 unique J



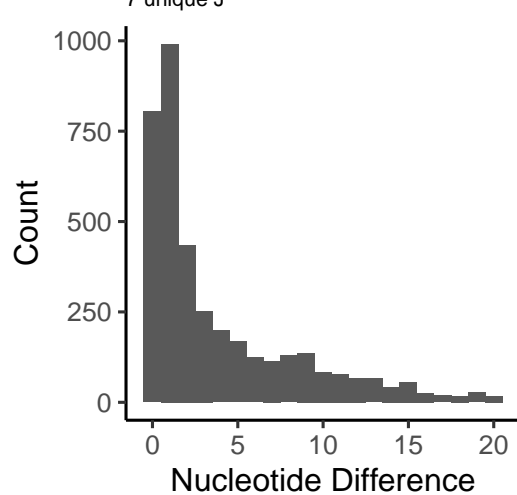
IGHV3S26*01_C3G_T114

365 sequences assigned
50 (13.7%) exact matches, in which:
46 unique CDR3
6 unique J



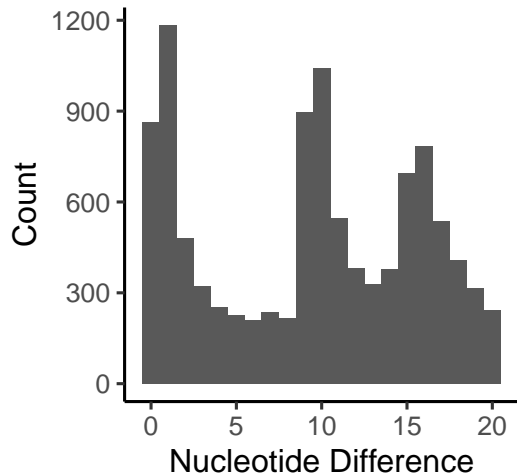
IGHV3S32*01_C114T_T

3965 sequences assigned
804 (20.3%) exact matches, in which:
707 unique CDR3
7 unique J



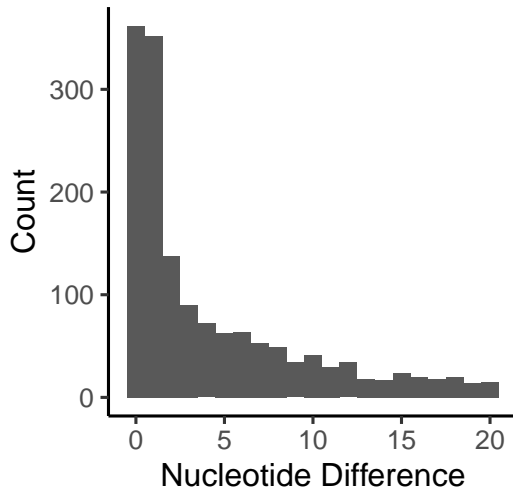
IGHV3S5*01_T19A_C16

13046 sequences assigned
863 (6.6%) exact matches, in which:
742 unique CDR3
6 unique J



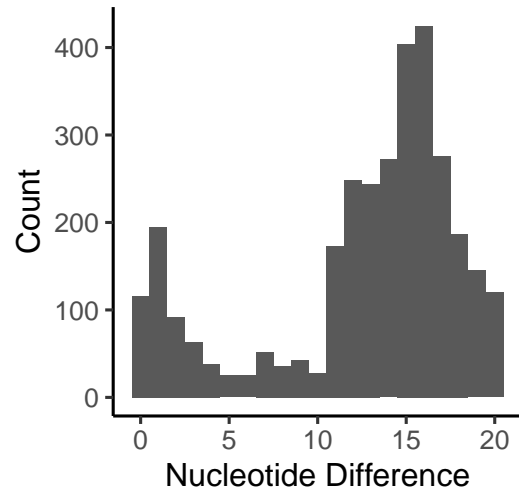
IGHV4S14*01_T90C_A91

1601 sequences assigned
362 (22.6%) exact matches, in which:
334 unique CDR3
6 unique J



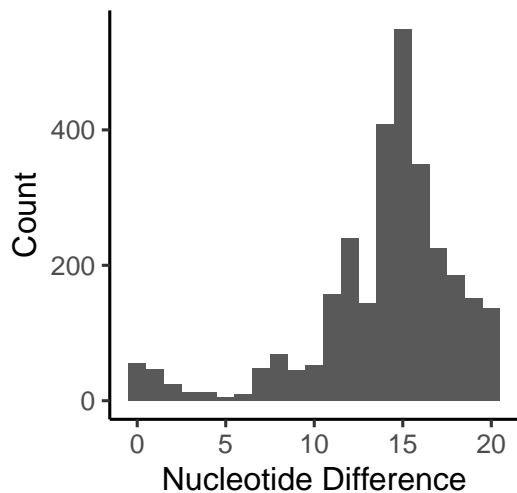
IGHV4S7*01_C114T_T11

4146 sequences assigned
116 (2.8%) exact matches, in which:
108 unique CDR3
7 unique J



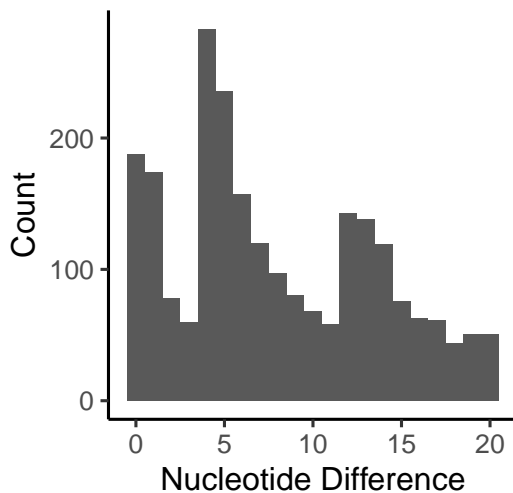
IGHV4S10*01_C90T_G10

3989 sequences assigned
55 (1.4%) exact matches, in which:
48 unique CDR3
6 unique J



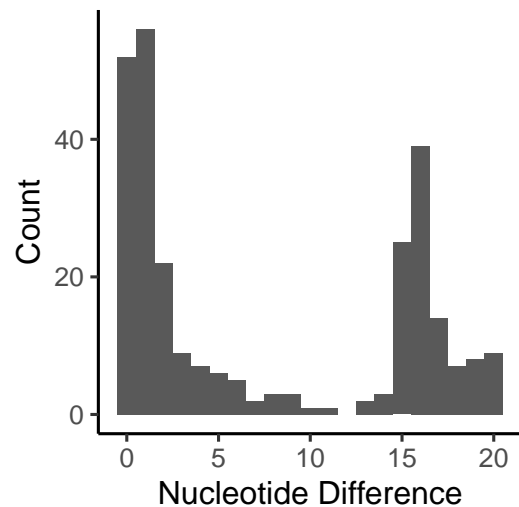
IGHV4S15*01_G121A_T1

2667 sequences assigned
188 (7%) exact matches, in which:
179 unique CDR3
7 unique J



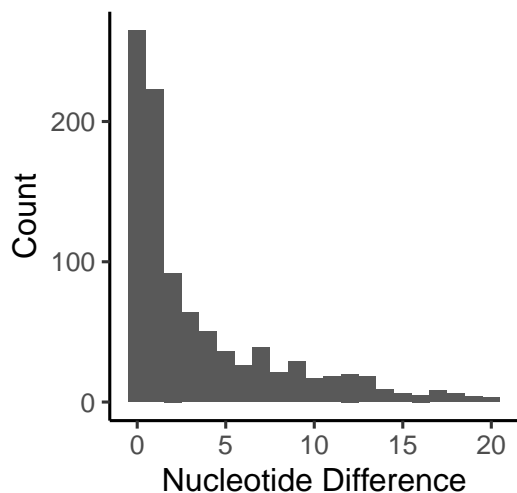
IGHV4S9*01_G32C_C34C

350 sequences assigned
52 (14.9%) exact matches, in which:
49 unique CDR3
6 unique J



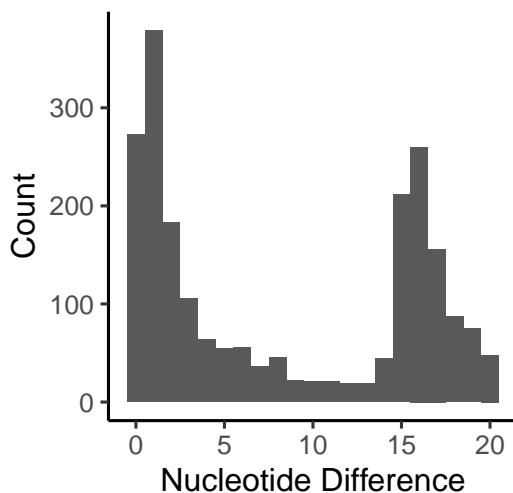
IGHV4S12*01_G34C_C91

1005 sequences assigned
265 (26.4%) exact matches, in which:
254 unique CDR3
7 unique J



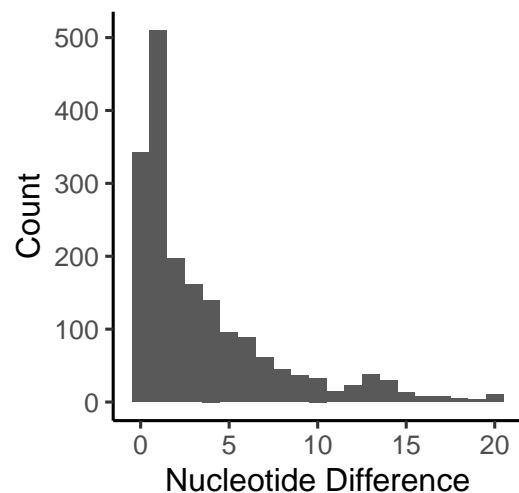
IGHV4S17*01_G104A_G

2437 sequences assigned
273 (11.2%) exact matches, in which:
253 unique CDR3
6 unique J



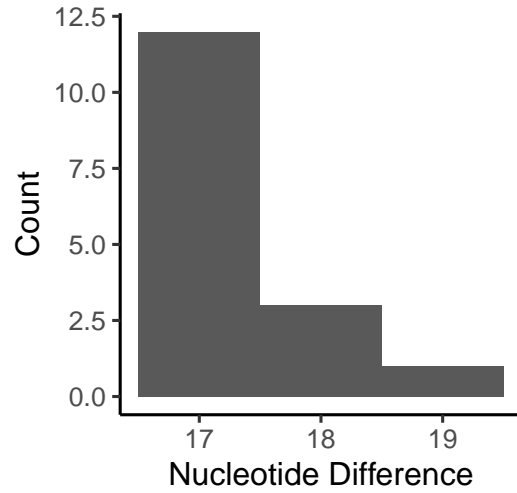
IGHV5S1*01_G51A_A10S

1910 sequences assigned
342 (17.9%) exact matches, in which:
287 unique CDR3
7 unique J



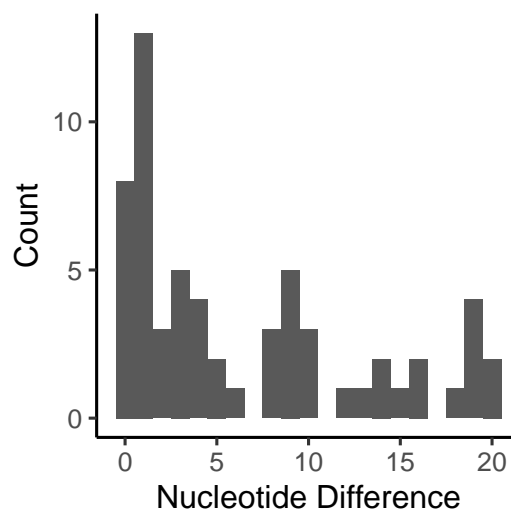
IGHV7S3*01

111 sequences assigned
No exact matches.



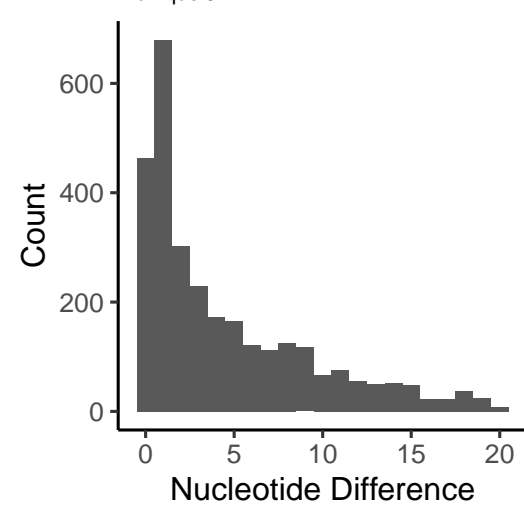
IGHV3-14*01_C140T_G21

189 sequences assigned
8 (4.2%) exact matches, in which:
8 unique CDR3
4 unique J



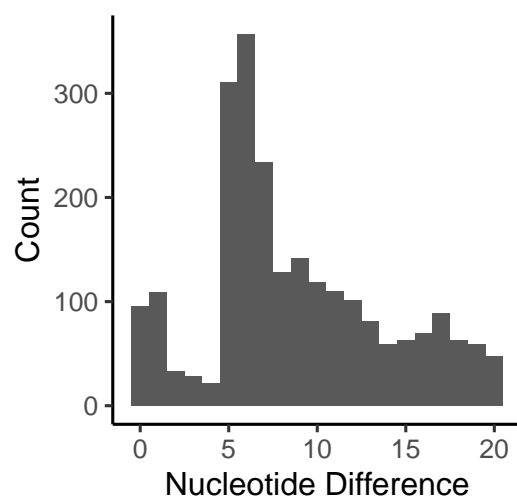
IGHV5-2*01_T298A_G30

2985 sequences assigned
463 (15.5%) exact matches, in which:
409 unique CDR3
7 unique J



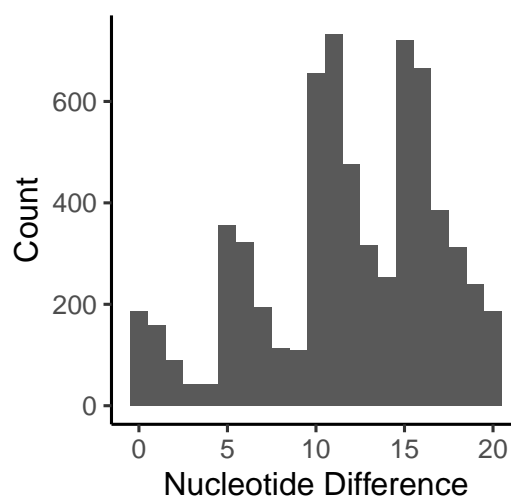
IGHV3-9*01_T45C_G511

2989 sequences assigned
96 (3.2%) exact matches, in which:
80 unique CDR3
6 unique J



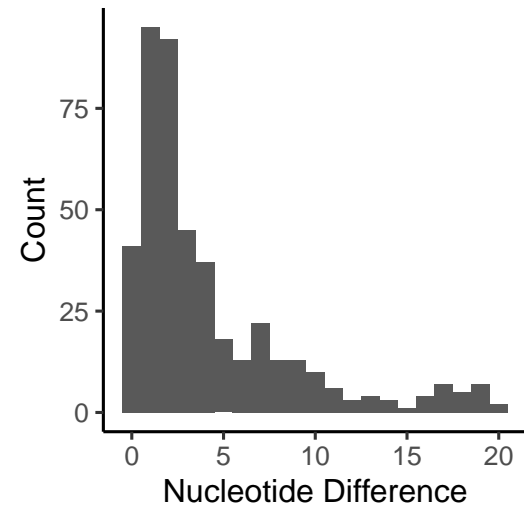
IGHV4-2*01_C4G_A109C

8241 sequences assigned
187 (2.3%) exact matches, in which:
164 unique CDR3
7 unique J



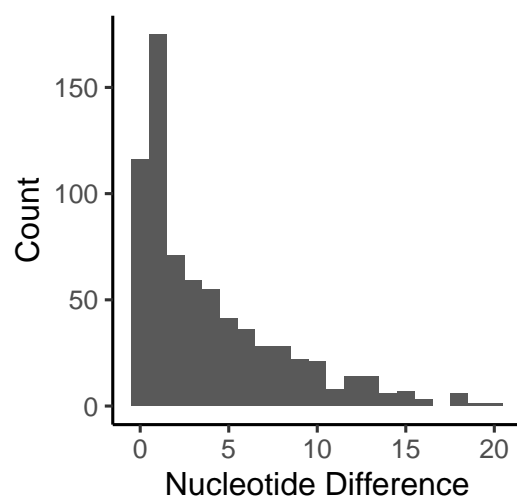
IGHV6-1*01_G283T

466 sequences assigned
41 (8.8%) exact matches, in which:
36 unique CDR3
6 unique J



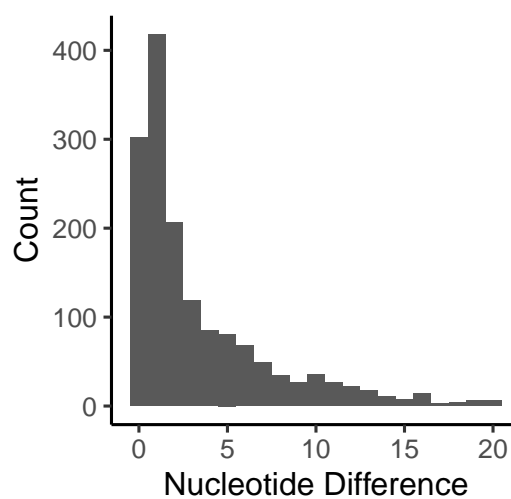
IGHV3-12*01_A298T

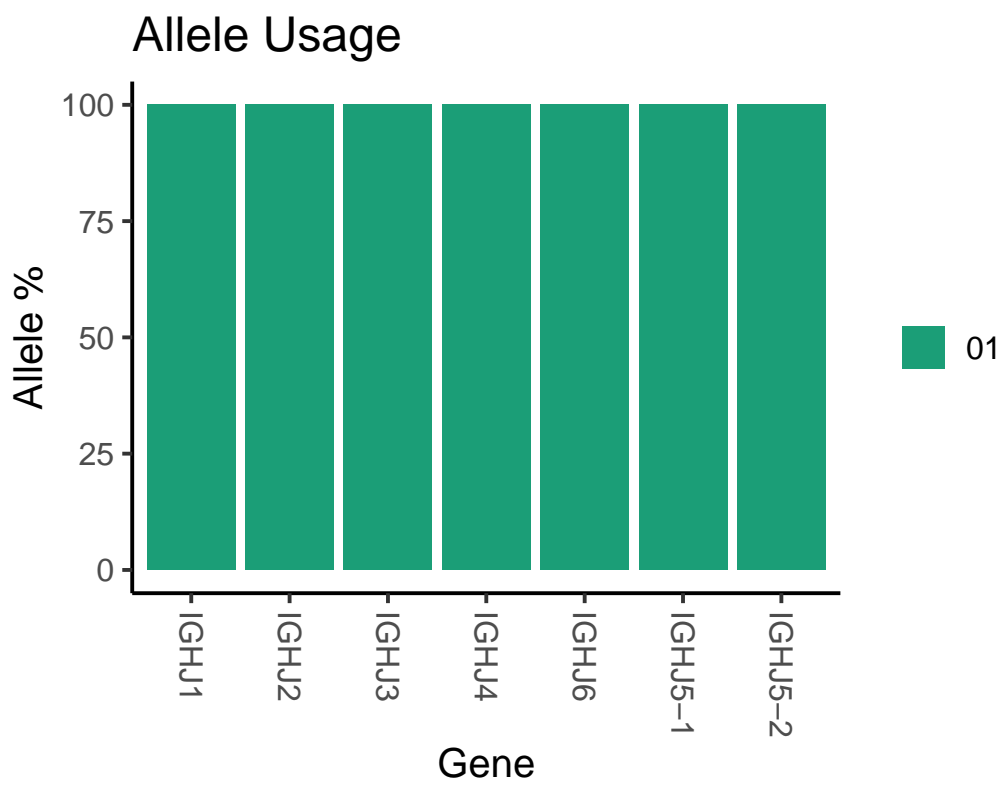
895 sequences assigned
116 (13%) exact matches, in which:
95 unique CDR3
6 unique J



IGHV5-2*01_T298A

1581 sequences assigned
302 (19.1%) exact matches, in which:
253 unique CDR3
7 unique J





Warning – no inferred sequences found.