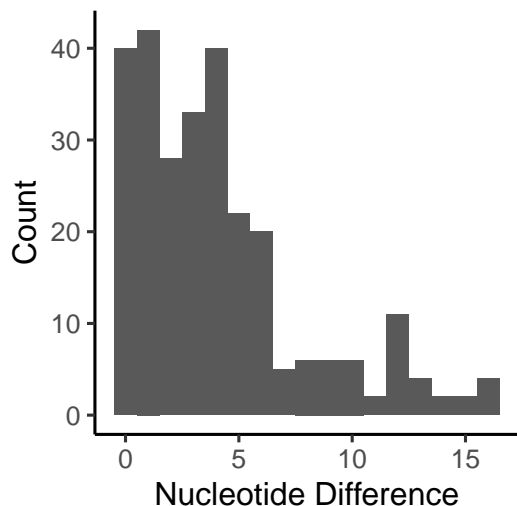


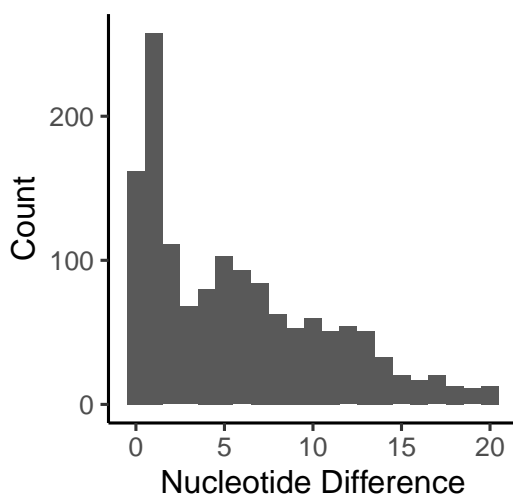
IGHV1S10*01_C26A_G16

475 sequences assigned
40 (8.4%) exact matches, in which:
37 unique CDR3
6 unique J



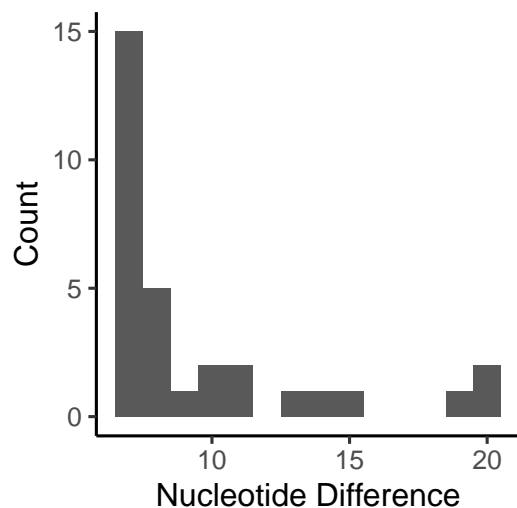
IGHV3S11*01_T51A_C78

1664 sequences assigned
162 (9.7%) exact matches, in which:
135 unique CDR3
6 unique J



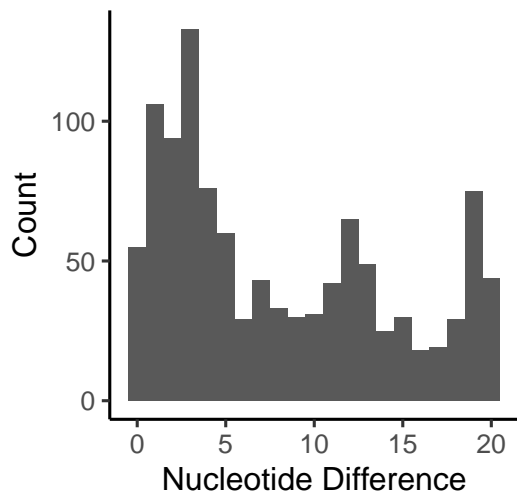
IGHV3S21*01

35 sequences assigned
No exact matches.



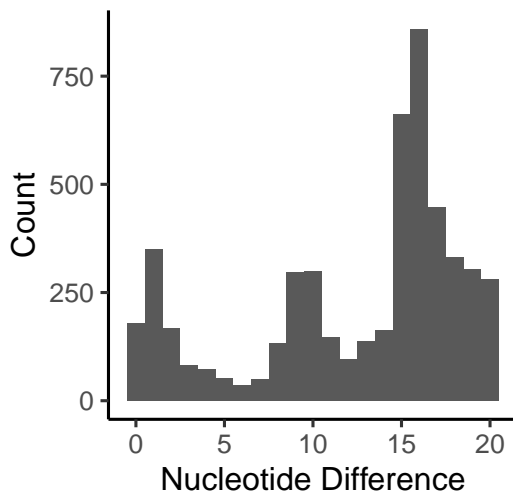
IGHV2S1*01_G6C_G36C

2117 sequences assigned
55 (2.6%) exact matches, in which:
50 unique CDR3
6 unique J



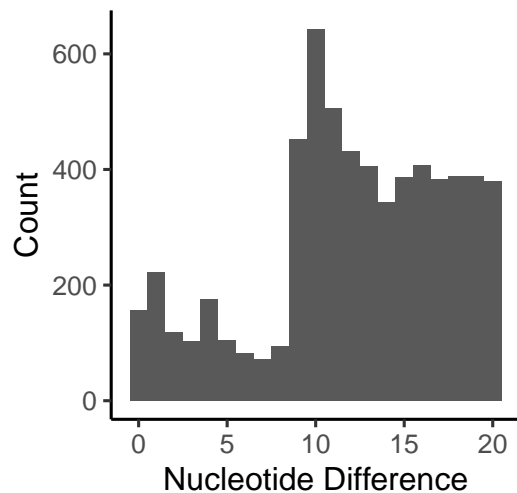
IGHV3S16*01_T14C_A11

6579 sequences assigned
180 (2.7%) exact matches, in which:
154 unique CDR3
6 unique J



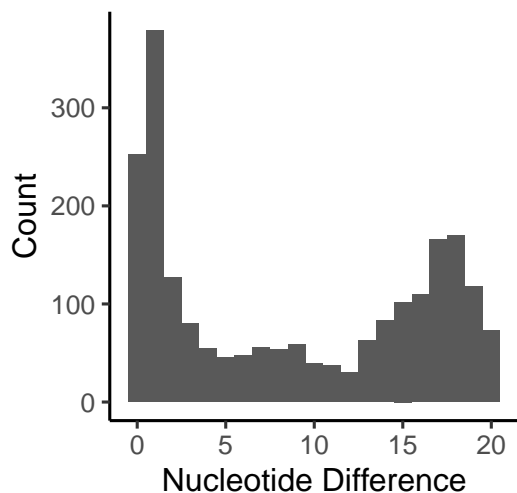
IGHV3S22*01_C61G_A11

9523 sequences assigned
157 (1.6%) exact matches, in which:
137 unique CDR3
6 unique J



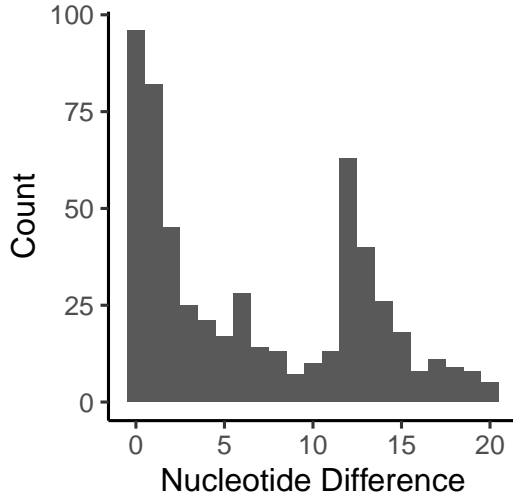
IGHV3S11*01_C78T_A11

2712 sequences assigned
252 (9.3%) exact matches, in which:
219 unique CDR3
6 unique J



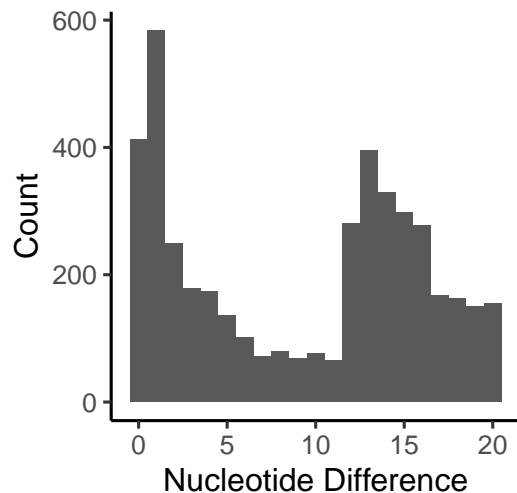
IGHV3S18*01_G3A_C27

600 sequences assigned
96 (16%) exact matches, in which:
90 unique CDR3
6 unique J



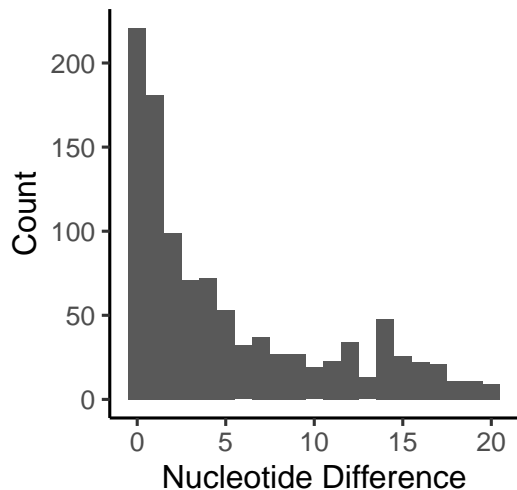
IGHV3S25*01_C114T_T1

6051 sequences assigned
412 (6.8%) exact matches, in which:
358 unique CDR3
6 unique J



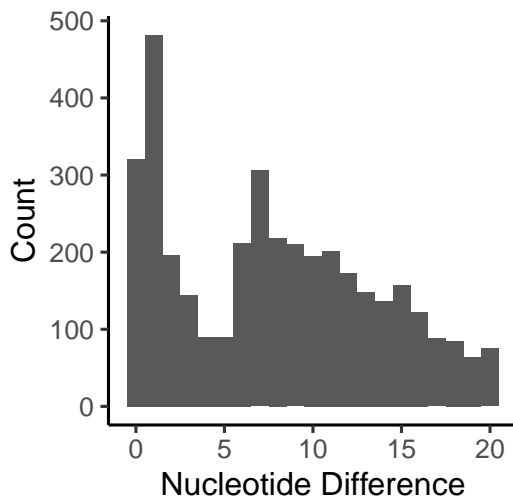
IGHV3S25*01_C114T_T1

1152 sequences assigned
221 (19.2%) exact matches, in which:
212 unique CDR3
6 unique J



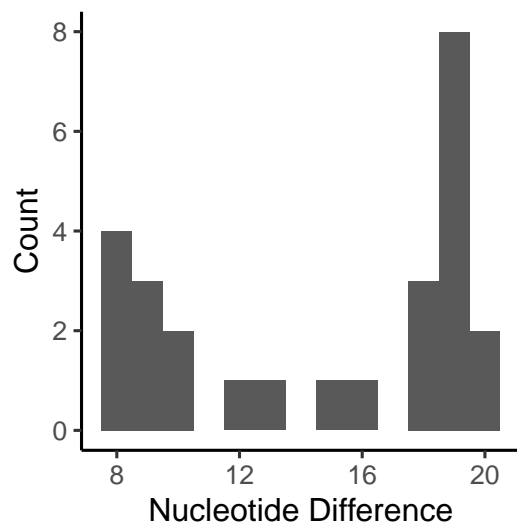
IGHV3S45*01_G26C_G1

4603 sequences assigned
321 (7%) exact matches, in which:
288 unique CDR3
6 unique J



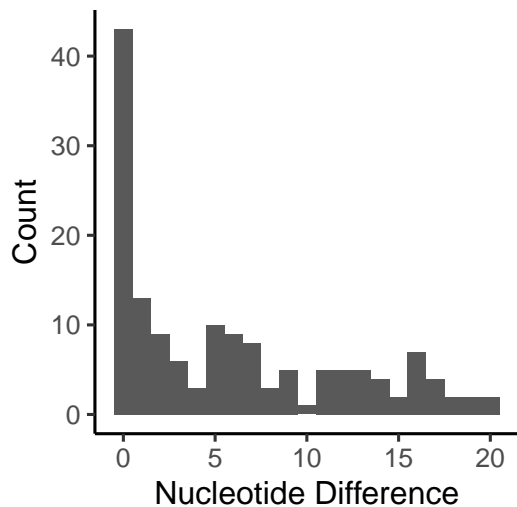
IGHV3S7*01

27 sequences assigned
No exact matches.



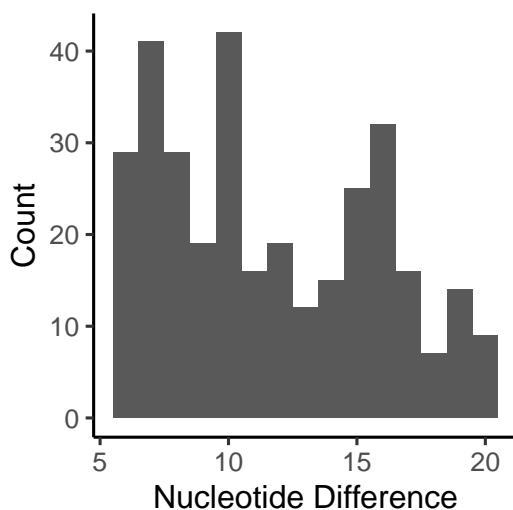
IGHV3S26*01_C213T

268 sequences assigned
43 (16%) exact matches, in which:
40 unique CDR3
6 unique J



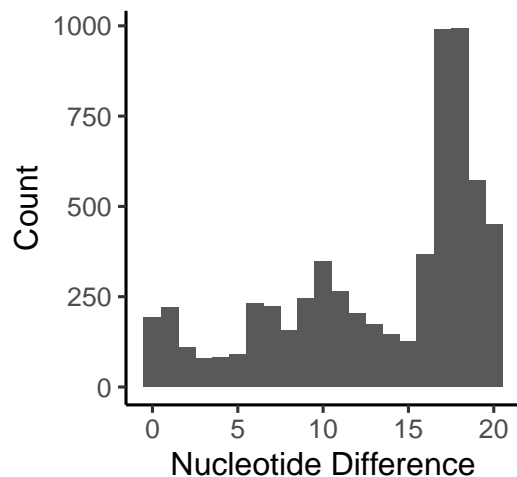
IGHV3S46*01

376 sequences assigned
No exact matches.



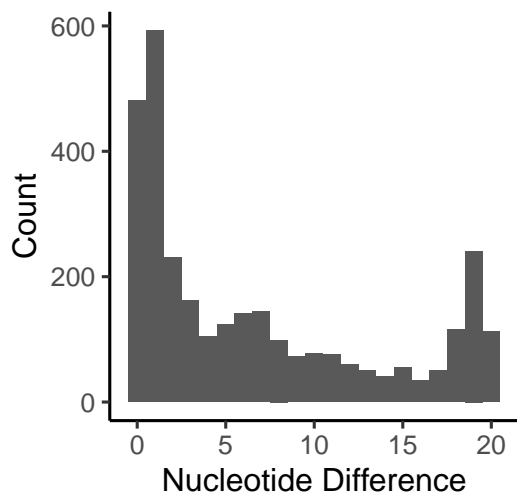
IGHV4S11*01_G4C_T90

9337 sequences assigned
192 (2.1%) exact matches, in which:
178 unique CDR3
6 unique J



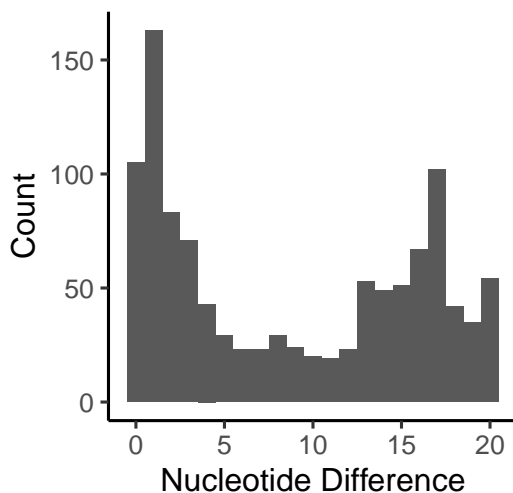
IGHV3S32*01_C114T_T1

4101 sequences assigned
481 (11.7%) exact matches, in which:
411 unique CDR3
6 unique J



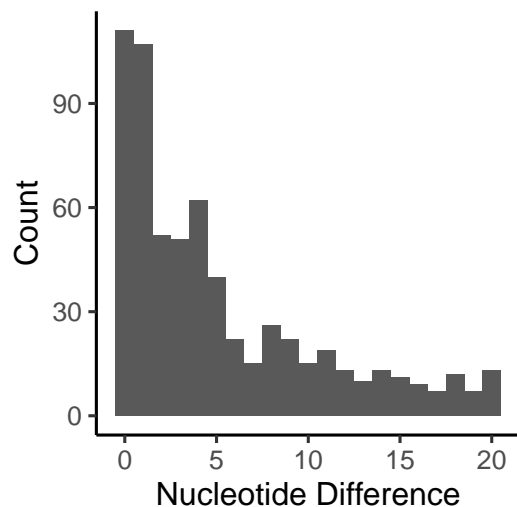
IGHV3S5*01_T19A_G116

1669 sequences assigned
105 (6.3%) exact matches, in which:
98 unique CDR3
6 unique J



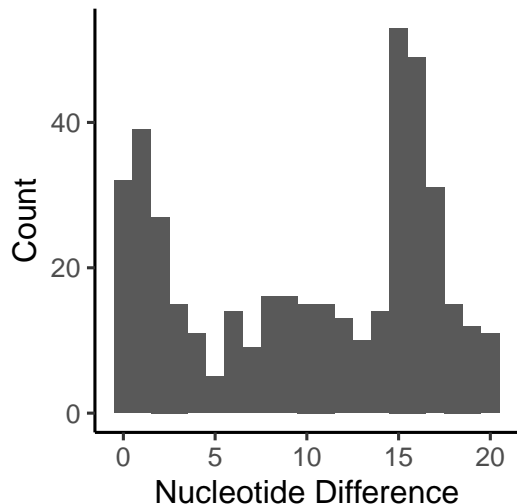
IGHV4S14*01_C25G_T90

891 sequences assigned
111 (12.5%) exact matches, in which:
106 unique CDR3
6 unique J



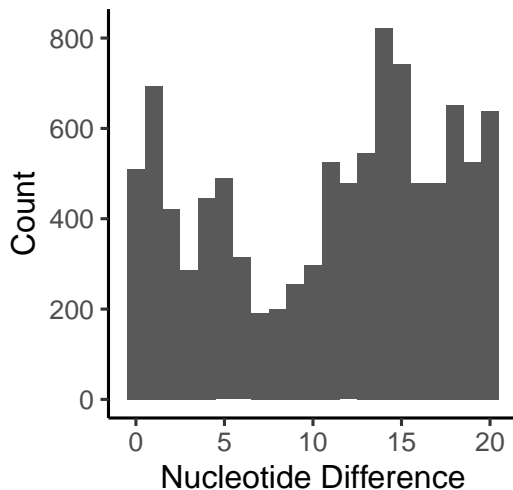
IGHV4S14*01_T90C_A91

533 sequences assigned
32 (6%) exact matches, in which:
31 unique CDR3
6 unique J



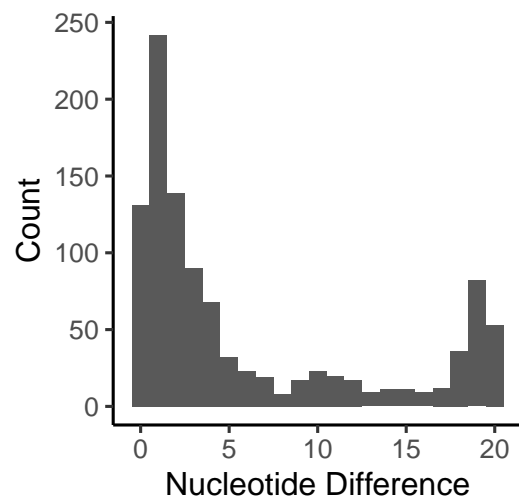
IGHV4S18*01_C34G_T1

13874 sequences assigned
511 (3.7%) exact matches, in which:
474 unique CDR3
6 unique J



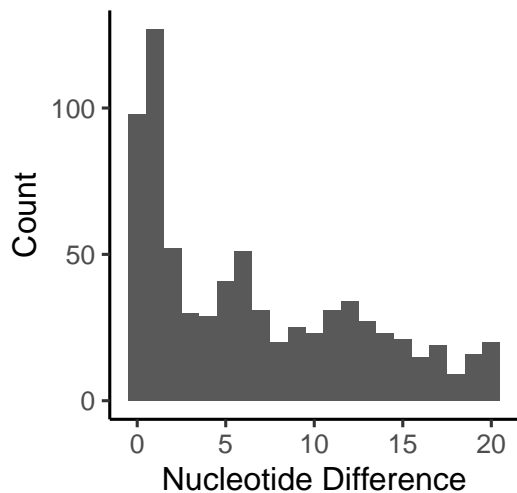
IGHV5S1*01_G51A_A100

1152 sequences assigned
131 (11.4%) exact matches, in which:
107 unique CDR3
6 unique J



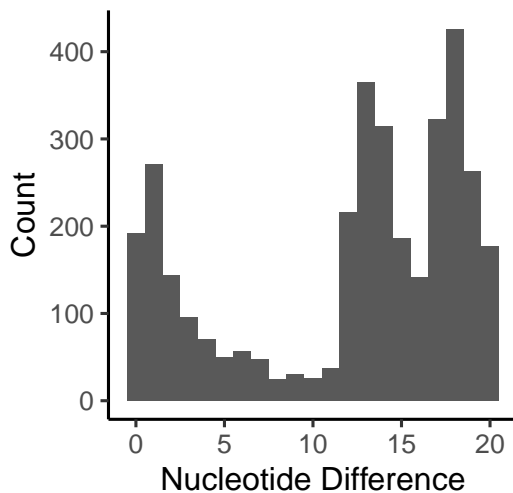
IGHV4S15*01_C303G

1020 sequences assigned
98 (9.6%) exact matches, in which:
86 unique CDR3
6 unique J



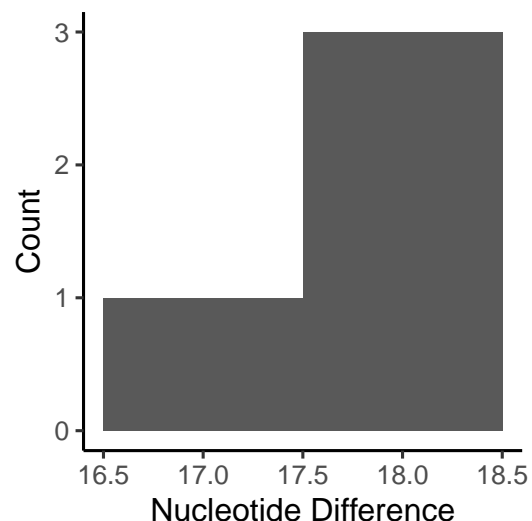
IGHV4S7*01_G48A_C90

4779 sequences assigned
192 (4%) exact matches, in which:
181 unique CDR3
6 unique J



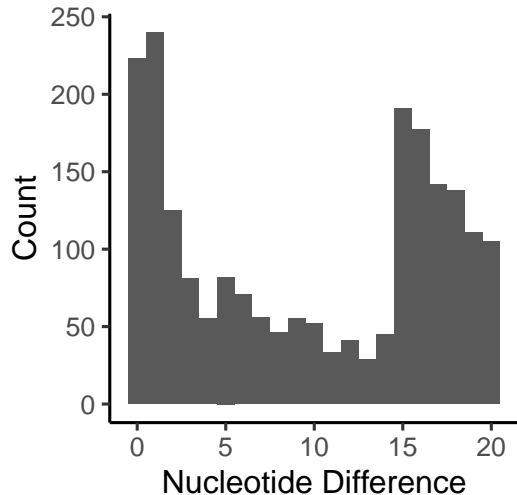
IGHV7S3*01

9 sequences assigned
No exact matches.



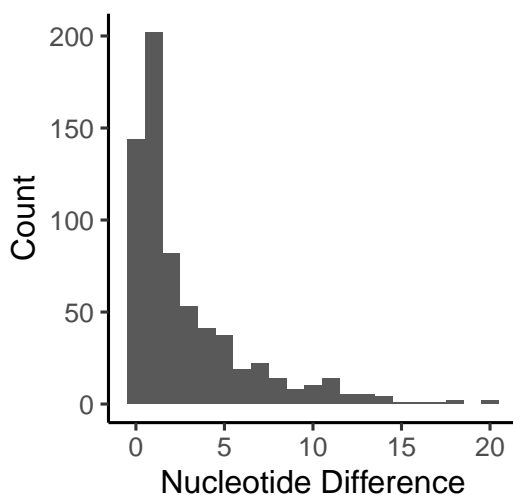
IGHV4S15*01_G121A_T

3022 sequences assigned
223 (7.4%) exact matches, in which:
202 unique CDR3
6 unique J



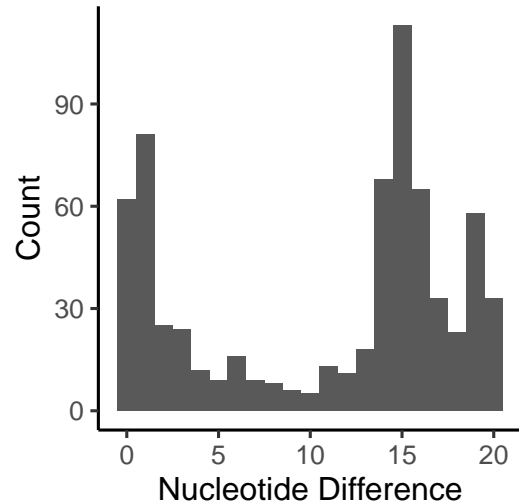
IGHV5S1*01_C45T_G51

702 sequences assigned
144 (20.5%) exact matches, in which:
122 unique CDR3
6 unique J



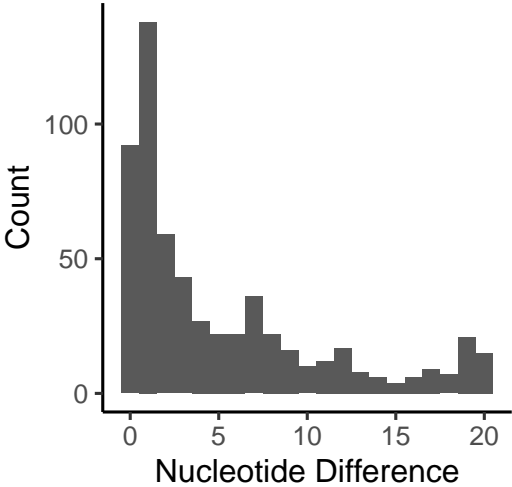
IGHV3-14*01_G110A_C1

1315 sequences assigned
62 (4.7%) exact matches, in which:
59 unique CDR3
6 unique J



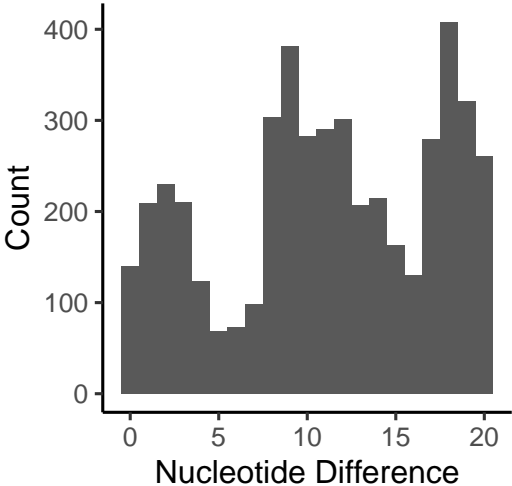
IGHV3-22*01_C10T_G51C_A127G_G141A_C154G_A226C

792 sequences assigned
92 (11.6%) exact matches, in which:
79 unique CDR3
6 unique J



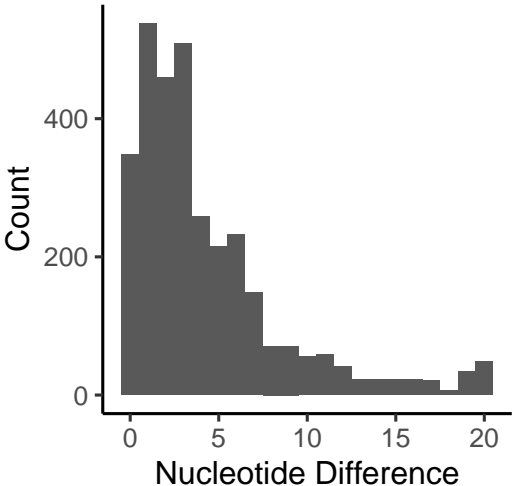
IGHV4-2*01_A112G_A113C_C114T_C173A_G199A_A200G_C242T

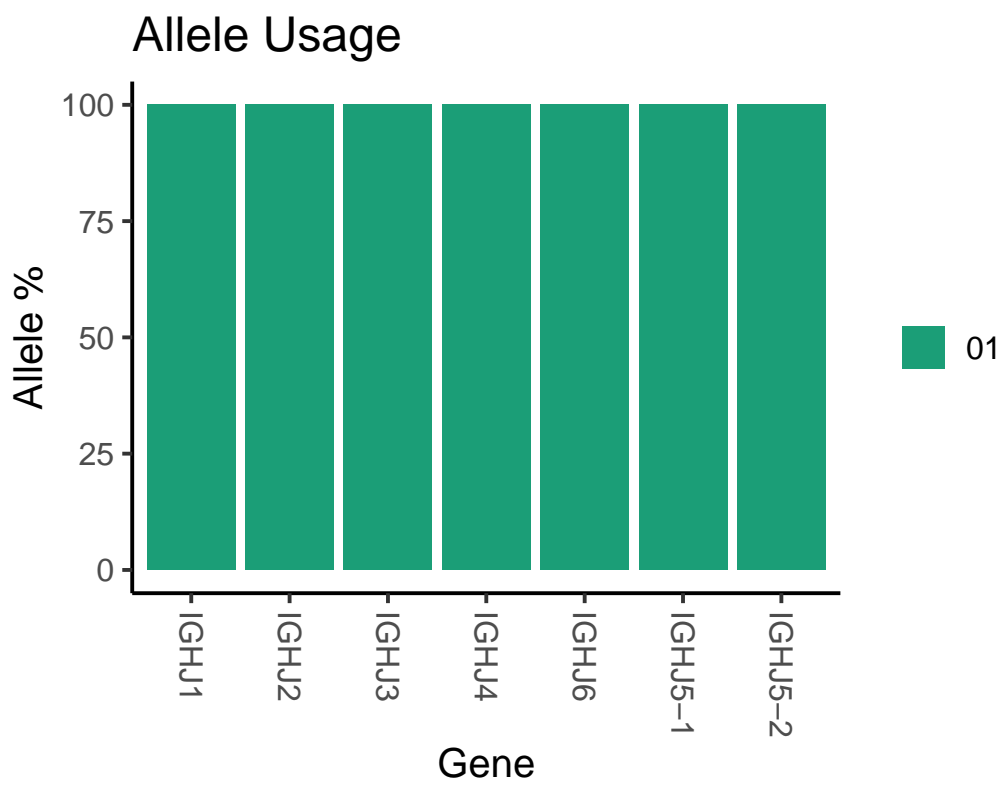
9242 sequences assigned
140 (1.5%) exact matches, in which:
132 unique CDR3
6 unique J



IGHV5-2*01_C141T_T298A

3301 sequences assigned
348 (10.5%) exact matches, in which:
287 unique CDR3
6 unique J





Warning – no inferred sequences found.