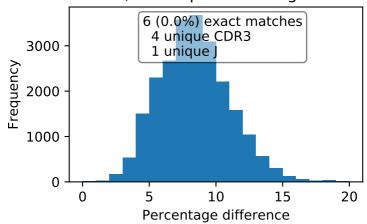
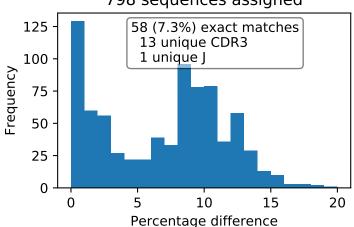
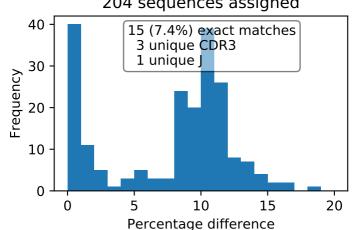
Gene IGHV1-14*01 23,556 sequences assigned



Gene IGHV1-14*01_S2484 798 sequences assigned

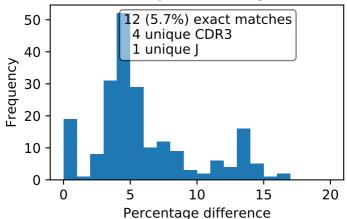


Gene IGHV1-14*01_S4937 204 sequences assigned



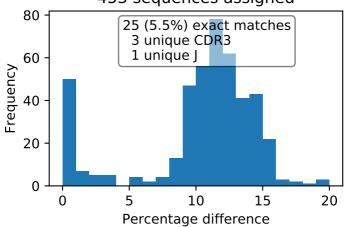
Gene IGHV1-14*01_S7092

210 sequences assigned

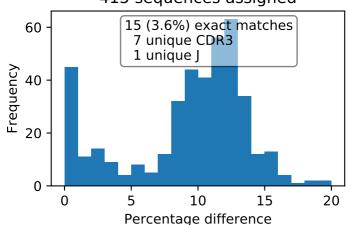


Gene IGHV1-14*02 S4562

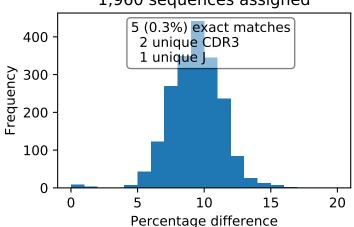
453 sequences assigned



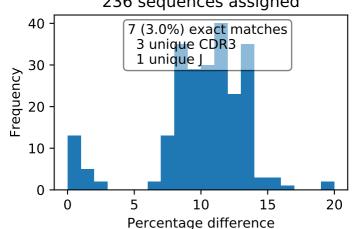
Gene IGHV1-14*02_S7734 415 sequences assigned



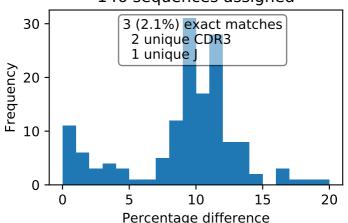
Gene IGHV1-17*01_S0184 1,960 sequences assigned



Gene IGHV1-17*01_S2414 236 sequences assigned

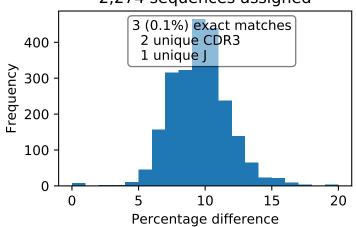


Gene IGHV1-17*01_S2885 146 sequences assigned

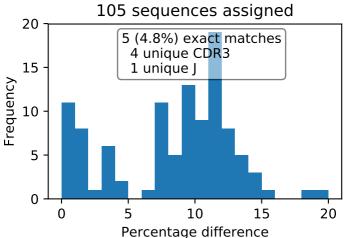


Gene IGHV1-17*01_S8202

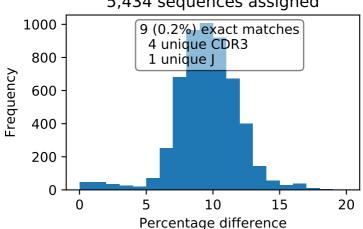
2,274 sequences assigned



Gene IGHV1-20*01_S0621

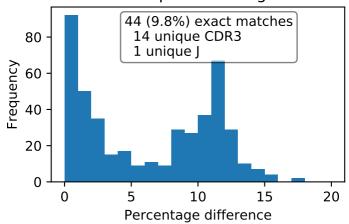


Gene IGHV1-20*01_S0804 5,434 sequences assigned



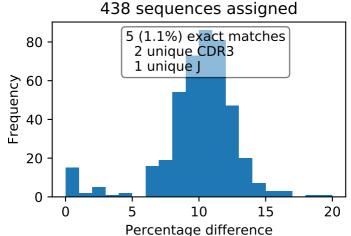
Gene IGHV1-20*01_S2553

451 sequences assigned

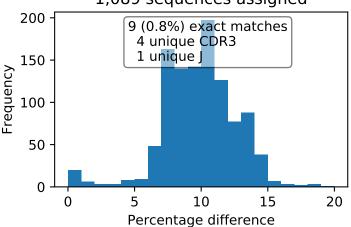


Gene IGHV1-20*01 S4503 41,087 sequences assigned 8000 11 (0.0%) exact matches 4 unique CDR3 1 unique 6000 Frequency 4000 2000 Percentage difference

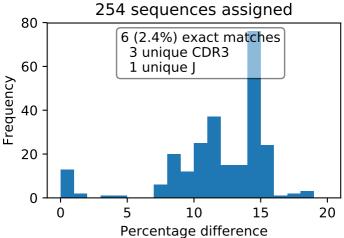
Gene IGHV1-20*01_S7570



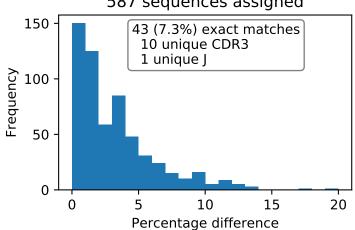
Gene IGHV1-20*01_S8084 1,089 sequences assigned



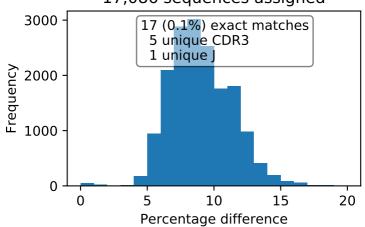
Gene IGHV1-21*01_S3157



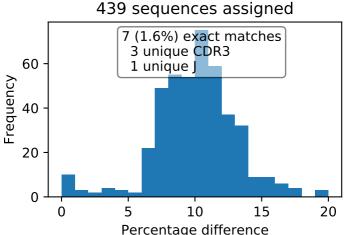
Gene IGHV1-21*01_S6417 587 sequences assigned



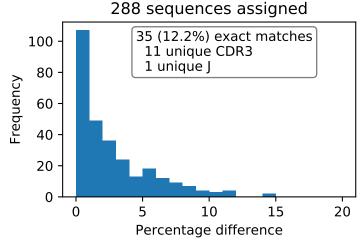
Gene IGHV1-21*01_S7468 17,086 sequences assigned



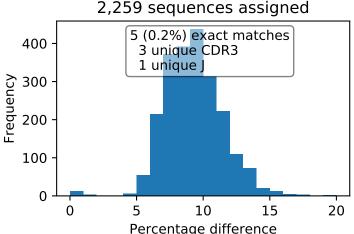
Gene IGHV1-27*01_S4831



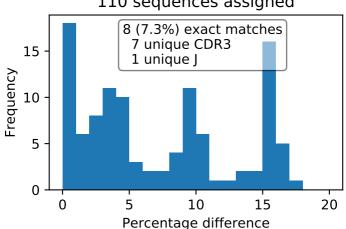
Gene IGHV1-30*01_S3151



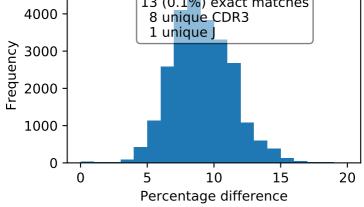
Gene IGHV1-30*01_S3591



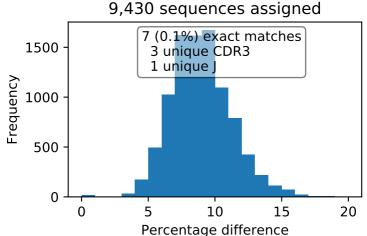
Gene IGHV1-30*01_S6397 110 sequences assigned



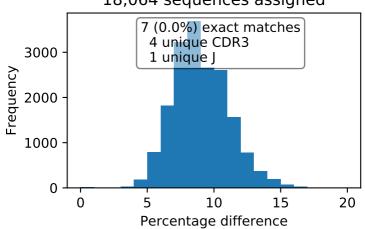
Gene IGHV1-30*02_S0511 24,981 sequences assigned 13 (0.1%) exact matches 8 unique CDR3 1 unique J



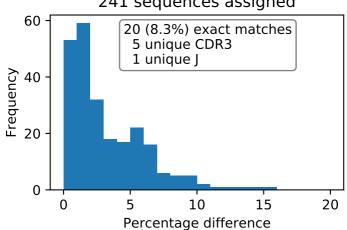
Gene IGHV1-30*02_S0620



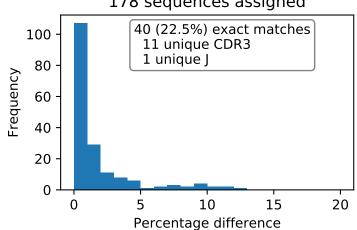
Gene IGHV1-30*02_S5756 18,064 sequences assigned



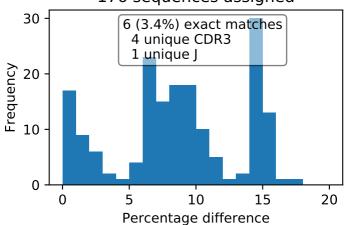
Gene IGHV1-30*02_S7274 241 sequences assigned



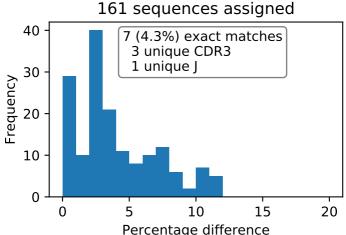
Gene IGHV1-37*01_S9108 178 sequences assigned



Gene IGHV1-39*01_S0985 176 sequences assigned



Gene IGHV1-39*01_S1707

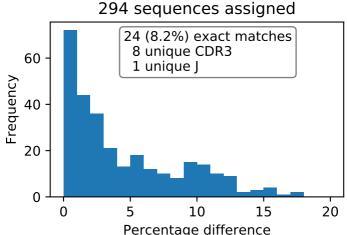


Gene IGHV1-39*01_S4572

581 sequences assigned 150 2 (0.3%) exact matches 1 unique CDR3 1 unique Frequency 100 50 10

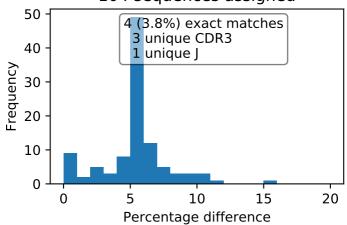
Percentage difference

Gene IGHV1-39*01_S6522

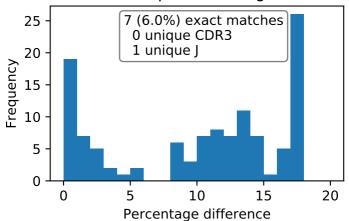


Gene IGHV1-7*01_S9011

104 sequences assigned



Gene IGHV1-7*01_S9466 117 sequences assigned



Gene IGHV1-7*02_S0124 18,217 sequences assigned

