../1_igdiscover/3_ERR2567254/standard IGHD3-10 IGHJ6 IGHV1-18*01 -IGHV1-2*04 -IGHV1-24*01 -IGHV1-3*01 -IGHV1-45*02 -IGHV1-46*01 -IGHV1-46*03 -IGHV1-58*01 -IGHV1-69*01 -IGHV1-69*06 -IGHV1-69*09 -IGHV1-69-2*01 -IGHV1-8*01 -IGHV2-26*01 -IGHV2-5*02 -IGHV2-70*01 -IGHV2-70*04 -IGHV3-11*01 -IGHV3-11*06 -IGHV3-13*01 -IGHV3-13*05 -IGHV3-15*01 -IGHV3-20*01 -Allele IGHV3-21*01 -IGHJ6*02 IGHV3-23*01 -IGHJ6*03 IGHV3-30*04 -IGHD3-10*01 V_{-} gene IGHV3-30*18 -IGHD3-10*01_var IGHV3-30-3*01 -IGHV3-33*01 -IGHV3-43*01 -V_errors IGHV3-48*01 -0 1-3 IGHV3-48*02 -IGHV3-49*03 -IGHV3-49*05 -IGHV3-53*01 -IGHV3-64*05_S2482 -IGHV3-7*01 -IGHV3-7*03 -IGHV3-72*01 -IGHV3-73*02 -IGHV3-74*01 -IGHV3-9*01 -IGHV4-30-2*01 -IGHV4-30-4*01 -IGHV4-31*03 -IGHV4-34*01 -IGHV4-39*01 -IGHV4-4*02 -IGHV4-59*01 -IGHV4-61*01 -IGHV5-10-1*03 -IGHV5-51*01 -IGHV5-51*03 -IGHV6-1*01 -IGHV7-4-1*01 -500 -500 -1000 1000 -1000 Count