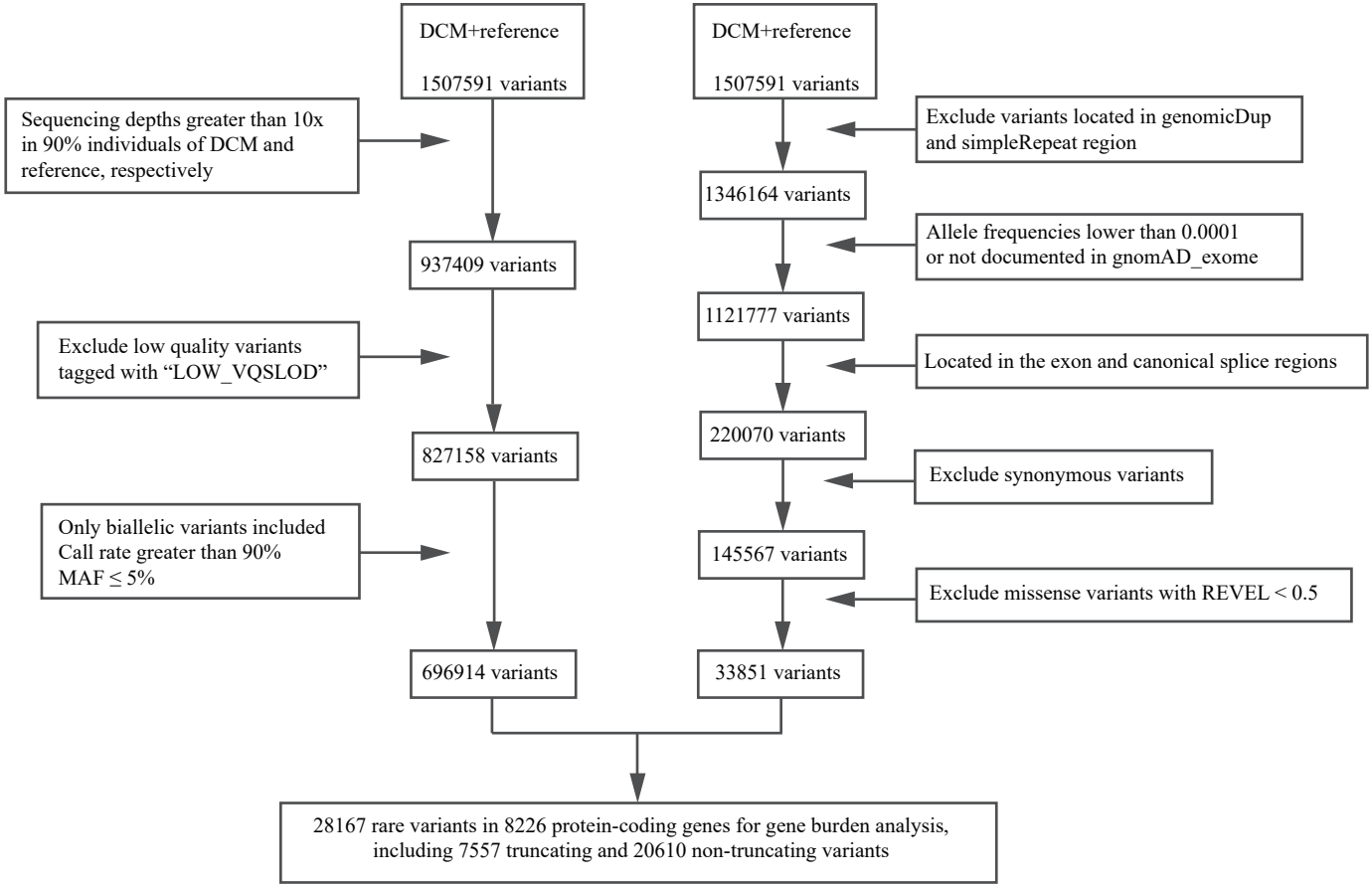
DCM+reference
1507591 variants
Sequencing depths greater than 10x in 90% individuals of DCM and reference, respectively
937409 variants
Exclude low quality variants tagged with "LOW_VQSLOD"
827158 variants
Only biallelic variants included
Call rate greater than 90%
MAF ≤ 5%
696914 variants
DCM+reference
1507591 variants
Exclude variants located in genomicDup and simpleRepeat region
1346164 variants
Allele frequencies lower than 0.0001 or not documented in gnomAD_exome
1121777 variants
Located in the exon and canonical splice regions
220070 variants
Exclude synonymous variants
145567 variants
Exclude missense variants with REVEL < 0.5
33851 variants
28167 rare variants in 8226 protein-coding genes for gene burden analysis, including 7557 truncating and 20610 non-truncating variants