GENIE Consortium Diabetic Kidney Disease Meta-analysis GWAS Summary Statistics README

Meta-analysis of DKD included 10 distinct definitions of disease. All individuals (both cases and controls) had either type 1 or type 2 diabetes. Detailed methods can be found on medRxiv:

> Sandholm N, Cole JB, Nair V, Sheng X, Liu H, Ahlqvist E, van Zuydam N, Dahlstrom EH, Fermin D, Smyth LJ, Salem RM, Forsblom C, Valo E, Harjutsalo V, Brennan EP, McKay G, Andrews D, Doyle R, Looker HC, Nelson RG, Palmer C, McKnight AJ, Godson C, Maxwell AP, Groop L, McCarthy MI, Kretzler M, Susztak K, Hirschhorn JN, Florez JC and Groop P-H. Genome-wide meta-analysis and omics integration identifies novel genes associated with diabetic kidney disease. *medRxiv*. 2021:2021.08.27.21262264.

Meta-analysis was conducted using METAL meta-analysis software and the downloadable summary statistic files contain the following fields

Column	Description
CHR	chromosome (b37)
POS	position (b37)
Allele1	effect allele
Allele2	non-effect allele
Freq1	effect allele frequency
FreqSE	effect allele frequency standard error
MinFreq	minimum effect allele frequency
MaxFreq	maximum effect allele frequency
Effect	effect size
StdErr	effect size standard error
Pvalue	p-value
Direction	study directions (GENIE, SUMMIT T1D, SUMMIT T2D)
HetISq	Heterogeneity I-squared
HetChiSq	Heterogeneity chi-square statistic
HetDf	Heterogeneity degrees of freedom
HetPVal	Heterogeneity p-value
N	Number of studies
N_studies	Total number of participating cohorts