Family Investigation of Nephropathy and Diabetes (FIND) Data Archive

The Family Investigation of Nephropathy and Diabetes (FIND) study was a multicenter observational study designed to identify genetic determinants of diabetic kidney disease. Study participants were recruited from 11 centers and in many ethnic groups throughout the United States for a genome-wide association study (GWAS). Two additional strategies were also used to localize susceptibility genes: a family-based linkage study and a case-control study using mapping by admixture linkage disequilibrium (MALD). In the family-based study, participants with diabetic nephropathy were recruited with their parents and selected siblings. Linkage analyses were conducted to identify chromosomal regions containing genes that influence the development of diabetic nephropathy and related quantitative traits. Through the family and MALD studies, the FIND study identified several genes that contribute to diabetic nephropathy, albuminuria, and glomerular filtration rate (GFR), including ApoL1.

Archive files are organized into the following directories:

- Data
- Documents
- Dataset Integrity Check (DSIC)
- Forms

Data

The FIND Data directory contains the following files and datasets:

Data/Eye_substudy

- FIND Retinopathy README.doc
- FIND_combined_retinopathy.csv
- find_combined_retinopathy.sas7bdat
- FIND_combined_retinopathy_meds.csv
- find_combined_retinopathy_meds.sas7bdat
- FIND_Retinopathy_Key.xls

Data/GAD

- GAD.CSV
- gad.sas7bdat

Data/Main_Study/Analysis_Data/CIDR_I

- FIND_CIDR_I_phenotypes.csv
- find_cidr_i_phenotypes.sas7bdat
- Mfd8_ersatz.csv
- mfd8_ersatz.sas7bdat
- README.doc

Data/Main_Study/Analysis_Data/CIDR_I/ACR_SIBPAL/AA

- chr1.traits
- chr2.traits
- chr3.traits
- chr4.traits
- chr5.traits
- chr6.traits
- chr7.traits
- chr8.traits
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- chr21.traits
- chr22.traits

Data/Main_Study/Analysis_Data/CIDR_I/ACR_SIBPAL/AII

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Data/Main_Study/Analysis_Data/CIDR_I/ACR_SIBPAL/EA

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Data/Main_Study/Analysis_Data/CIDR_I/ACR_SIBPAL/MA

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- chr6.traits
- chr7.traits
- chr8.traits
- chr9.traits
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Data/Main_Study/Analysis_Data/CIDR_I/DN_SIBPAL/AA

- chr1.traits
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- chr6.traits
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Data/Main_Study/Analysis_Data/CIDR_I/DN_SIBPAL/AII

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Data/Main_Study/Analysis_Data/CIDR_I/DN_SIBPAL/EA

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- chr6.traits
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- chr22.traits

Data/Main_Study/Analysis_Data/CIDR_I/DN_SIBPAL/MA

- chr1.traits
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- chr3.traits

- chr4.traits
- chr5.traits
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- chr9.traits
- chr10.traits
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- chr18.traits
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- chr20.traits
- chr21.traits
- chr22.traits

Data/Main_Study/Analysis_Data/CIDR_I/GFR_SIBPAL

- GFR_genome.txt

Data/Main_Study/Analysis_Data/CIDR_II

- FIND_CIDR2_LABRESULTS.CSV
- find_cidr2_labresults.sas7bdat
- FIND_CIDR2_MEDQUES.CSV
- find_cidr2_medques.sas7bdat
- FIND_CIDR2_MEDRECREVIEW.CSV
- find_cidr2_medrecreview.sas7bdat
- FIND_CIDR2_PEDIGREE.CSV
- find_cidr2_pedigree.sas7bdat

Data/Main_Study/Analysis_Data/CIDR_II/Genotype_data

- CHR01_PED.CSV
- chr01_ped.sas7bdat
- CHR02_PED.CSV
- chr02_ped.sas7bdat
- CHR03_PED.CSV
- chr03_ped.sas7bdat
- CHR04_PED.CSV
- chr04_ped.sas7bdat
- CHR05_PED.CSV

- chr05_ped.sas7bdat
- CHR06_PED.CSV
- chr06_ped.sas7bdat
- CHR07_PED.CSV
- chr07_ped.sas7bdat
- CHR08_PED.CSV
- chr08_ped.sas7bdat
- CHR09_PED.CSV
- chr09_ped.sas7bdat
- CHR10_PED.CSV
- chr10_ped.sas7bdat
- CHR11_PED.CSV
- chr11_ped.sas7bdat
- CHR12_PED.CSV
- chr12_ped.sas7bdat
- CHR13_PED.CSV
- chr13_ped.sas7bdat
- CHR14_PED.CSV
- chr14_ped.sas7bdat
- CHR15_PED.CSV
- chr15_ped.sas7bdat
- CHR16_PED.CSV
- chr16_ped.sas7bdat
- CHR17_PED.CSV
- chr17_ped.sas7bdat
- CHR18_PED.CSV
- chr18_ped.sas7bdat
- CHR19_PED.CSV
- chr19_ped.sas7bdat
- CHR20_PED.CSV
- chr20_ped.sas7bdat
- CHR21_PED.CSV
- chr21_ped.sas7bdat
- CHR22_PED.CSV
- chr22_ped.sas7bdat
- CHRXY_PED.CSV
- chrxy_ped.sas7bdat
- CHRX_PED.CSV
- chrx_ped.sas7bdat
- CHRY_PED.CSV
- chry_ped.sas7bdat
- ILLUMINA_IV_MAP.CSV

- illumina_iv_map.sas7bdat
- README_CIDR_II_Genotypes.doc

Data/Main_Study/Analysis_Data/CIDR_II/Phenotype_data

- CIDR_II_DM_Definitions.doc
- CIDR_II_PEDIGREES.CSV
- cidr_ii_pedigrees.sas7bdat
- FIND_CIDR2_Codebook.xls
- FIND_CIDR2_ForRepository_30Sep2010.xls
- README_CIDR_II.doc

Data/Main_Study/Analysis_Data/GWAS

- FIND_SubjectPhenotypeDD.xls
- FIND_SUBJECTPHENOTYPEDS.CSV
- find_subjectphenotypeds.sas7bdat

Data/Main_Study/Analysis_Data/MALD

- FIND_MALD_admixture_clean.geno.121710.csv
- FIND_MALD_admix_genotype_SNP.txt

Data/Main_Study/Analysis_Data/MALD/MALD_AA

- MALD_AA_GENO_121710.CSV
- mald_aa_geno_121710.sas7bdat
- MALD_AA_PHENO_041511.CSV
- mald_aa_pheno_041511.sas7bdat
- Readme.docx

Data/Main_Study/Analysis_Data/MALD/MALD_MA

- MALD_MA_GENOTYPE_04012011.CSV
- mald_ma_genotype_04012011.sas7bdat
- MALD_MA_GENOTYPE_MAP_04012011.CSV
- mald_ma_genotype_map_04012011.sas7bdat
- MALD_MA_PHENOTYPE_04012011.CSV
- mald_ma_phenotype_04012011.sas7bdat
- readme.doc

Data/Main_Study/Analysis_Data/Perlegen

- GENOTYPE.CSV
- genotype.sas7bdat
- PHENOTYPE.CSV
- phenotype.sas7bdat
- Sample QC_procedures.doc
- sample_QC_report.doc

- SNP_INFO.CSV
- snp_info.sas7bdat

Data/Main_Study/Form_based_data

- Data_Dictionary_21Sep2011.xls
- FIND_LABRESULTS_21SEP2011.CSV
- find_labresults_21sep2011.sas7bdat
- FIND_MQ_21SEP2011.CSV
- find_mq_21sep2011.sas7bdat
- FIND_MRR_21SEP2011.CSV
- find_mrr_21sep2011.sas7bdat
- FIND_PED_21SEP2011.CSV
- find_ped_21sep2011.sas7bdat
- FIND_RETIN_DIAGNOSIS_RESULTS.CSV
- find_retin_diagnosis_results.sas7bdat
- FIND_RETIN_EYE_EXAM_ANALYSIS.CSV
- find_retin_eye_exam_analysis.sas7bdat
- FIND_RETIN_EYE_EXAM_RESULTS.CSV
- find_retin_eye_exam_results.sas7bdat

Documents

The FIND Documents directory contains the following documents:

Documents/MOOP/Eye_Study

- App 1 Modified7StdF 1.01 20Feb2002.pdf
- App 2 AttachmentB 2.04 21Jun2004.pdf
- App 3 Photography procedure for non PICs 1.04 21Jun2004.pdf
- App 4 T. Log Eye Exam Invoice Form 2.02 14Jun2002.pdf
- App 5 Collaborating MD Appt Packet 1.02 14Jun2002.pdf
- App 6 Collaborating MD Synopsis 1.04 21Jun2004.pdf
- App 7 T. Log, Eye Exam, Invoice-Chart 1.02 21Jun2004.pdf
- App 8 Collaborating ECP-Chart Packet 1.02 21Jun2004.pdf
- App 9 Collaborating ECP Synopsis-Chart 1.02 21Jun2004.pdf
- App 10 NIDDK Phoenix Data 1.02 08Jul2004.pdf
- Eye MOO 3.01 21Jun2004.pdf
- FIND_Eye_MOO_Appendix_list.pdf

Documents/MOOP/Main_Study

- The MOO 2.18.2010 no Certificate.pdf

Documents/Protocol

- Knowler_2005.pdf

DSIC

The FIND Dataset Integrity Check (DSIC) directory contains the following:

- DSIC_FIND_CIDRII_AJN_2011.pdf
- DSIC_FIND_CIDRI_Diabetes_2007.pdf

Forms

The FIND Forms directory contains the following:

- MEDICAL_QUESTIONNAIR.pdf
- MEDICAL_RECORD_REVIEW.pdf