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NHLBI TOPMed: Diabetes Heart Study (DHS)

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NHLBI TOPMed: Genetic Epidemiology Network of Arteriopathy (GENOA)

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NHLBI TOPMed: Genetic Epidemiology Network of Salt Sensitivity (GenSalt)

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NHLBI TOPMed: Hispanic Community Health Study - Study of Latinos (HCHS_SOL)

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NHLBI TOPMed: Heart and Vascular Health Study (HVH)

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NHLBI TOPMed: Jackson Heart Study (JHS)

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NHLBI TOPMed: Lung Tissue Research Consortium (LTRC)

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NHLBI TOPMed: Multi-Ethnic Study of Atherosclerosis (MESA)

The Multi-Ethnic Study of Atherosclerosis is a National Heart, Lung and Blood Institute-sponsored, population-based investigation of subclinical cardiovascular disease and its progression¹. A total of 6,814 individuals, aged 45 to 84 years, were recruited from six US communities (Baltimore City and County, MD; Chicago, IL; Forsyth County, NC; Los Angeles County, CA; New York, NY; and St. Paul, MN) between July 2000 and August 2002. Participants were excluded if they had physician-diagnosed cardiovascular disease prior to enrollment, including angina, myocardial infarction, heart failure, stroke or TIA, resuscitated cardiac arrest or a cardiovascular intervention (e.g., CABG, angioplasty, valve replacement, or pacemaker/defibrillator placement). Pre-specified recruitment plans identified four racial/ethnic groups (White European-American, African-American, Hispanic-American, and Chinese-American) for enrollment, with targeted oversampling of minority groups to enhance statistical power.

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NHLBI TOPMed: Outcome Modifying Genes in Sickle Cell Disease (OMG_SCD)

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NHLBI TOPMed: Whole Genome Sequencing to Identify Causal Genetic Variants Influencing CVD Risk - San Antonio Family Studies (SAFS)

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NHLBI TOPMed: Samoan Adiposity Study (Samoan)

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NHLBI TOPMed: Taiwan Study of Hypertension using Rare Variants (THRv)

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NHLBI TOPMed: Vanderbilt Atrial Fibrillation Ablation Registry (VAFAR)

Genome sequencing for “NHLBI TOPMed: Vanderbilt Atrial Fibrillation Ablation Registry” (phs000997) was performed at the Broad Institute Genomics Platform (3R01HL092577-06S1, 3U54HG003067-12S2 / 3U54HG003067-13S1; 3UM1HG008895-01S2; 3UM1HG008895-01S2).

NHLBI TOPMed: Vanderbilt Genetic Basis of Atrial Fibrillation (VU_AF)

Genome sequencing for “NHLBI TOPMed: Vanderbilt Genetic Basis of Atrial Fibrillation” (phs001032) was performed at the Broad Institute Genomics Platform (3R01HL092577-06S1).

NHLBI TOPMed: Treatment of Pulmonary Hypertension and Sickle Cell Disease with Sildenafil Therapy (walk_PHaSST)

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NHLBI TOPMed: Women's Genome Health Study (WGHS)

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NHLBI TOPMed: Women's Health Initiative (WHI)

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