Supplementary Figure 4. Manhattan plots and quantile-quantile plots for eGFR, log-BUN, and eGFRcysC. Phenotypes of eGFR (A) and log-BUN (B) were meta-analyzed from GWAS of all cohorts of KoGES, including KARE, HEXA, and CAVAS cohorts. GWAS for eGFRcysC was performed using only the CAVAS cohort because only the CAVAS cohort had serum cystatin C levels. BUN, blood urine nitrogen; CAVAS, Cardiovascular Disease Association Study; eGFR, estimated glomerular filtration rate calculated using serum creatinine by CKD-EPI equation; eGFRcysC, estimated glomerular filtration rate calculated using serum cystatin C by CKD-EPI equation; GWAS, genome-wide association study; HEXA, Health Examinee; KARE, Korean Association Resource; KoGES, the Korean Genome and Epidemiology Study.