

**SWAN Repository Dataset Documentation**

**Study:** App 009, “Genetic Analysis of Inflammatory Cytokines in Menopausal Bone Loss”, Moffett/MF Sowers

**Datasets:** SWANRep009\_IL1genotypes

**Cohort:** SWAN

DNA was used from all available SWAN subjects to study the association between genetic variation in inflammatory cytokines. We genotyped 7 polymorphisms in genes in the IL1 pathway including IL1A, IL1B and IL1RN. Specifically, the SNPs are rs17561 (Ala114Ser) in IL1A, rs1800587 (C-889T) in IL1A, rs1143634 in IL1B, rs16944 (G-511A) in IL1B, rs895495 in IL1RN, rs2229235 in IL1RN and rs315952 in IL1RN. These assays had a low genotyping failure rate between 0.8% and 3.3%.

Variables in the data set:

<b>Var Name</b>	<b>Description</b>
ARCHID	Encrypted SWAN Subject ID
Plate	Plate
Well	Well
IL1A-4845	Genotype for IL1A-4845
IL1A-m889	Genotype for IL1A-m889
IL1B-3957	Genotype for IL1B-3957
IL1B-M511	Genotype for IL1B-M511
IL1R895495	Genotype for IL1R895495
IL1R901827	Genotype for IL1R901827
IL1RP11100	Genotype for IL1RP11100