

Discovery Study
TwinsUK WGS cohort (n=1,268)
Software used: SNPTEST

Replication Study 1
TwinsUK GWAS cohort (n=1,610)
Software used: GEMMA

Replication Study 2
EPIC GWAS cohort (n=13,749)
Software used: SNPTEST

Combined n=16,627

Single-point Meta-analysis
Software used: GWAMA

Gene-based Association Testing
Software used: VEGAS2

Fracture Analysis
8 genome-wide significant
variants tested

Fracture Analysis
10 genome-wide significant gene
regions tested