

Description of Additional Supplementary Files

Supplementary Data 1 (EWGSOP loci metal results)

Supplementary Data 2 (GWAS catalog summary)

Supplementary Data 3 (GWAS catalog full results)

Supplementary Data 4 (Linear vs. low grip)

Supplementary Data 5 (Mitochondrial variant analysis)

Supplementary Data 6 (eQTL GTEx.v8)

Supplementary Data 7 (GO processes)

Supplementary Data 8 (MetaXcan results)

Supplementary Data 9 (MetaXcan with mouse annotation)

Supplementary Data 10 (LDSC-SEG)

Supplementary Data 11 (TwoSampleMR results)

Supplementary Data 12 (TwoSampleMR results - females)

Supplementary Data 13 (TwoSampleMR results - males)

Supplementary Data 14 (UKB sensitivity analysis)