

Sumstats data
freeze

SNP selection criteria

"Sentinel SNP" $P < 5e-8$
Pruned to ± 1 MB window

Table S2
Primary hit
 $n_{\text{SNP}} = 401$

**Criteria in next figure (7)*

Table S2
Instrument
variable selected
 $n_{\text{SNP}} = 467$

Mendelian
Randomization

GCTA-COJO $P < 5e-8$
Independent signal < 1 MB

Table S2
Secondary hit
 $n_{\text{SNP}} = 144$

P-discovery $< 5e-8$

Table S2
Conventional
significant
 $n_{\text{SNP}} = 545$

Other downstream
analyses; eQTL,
systems biology

P-discovery+
replication $< 5.6e-10$

Table S2
Bonferroni-
Significant D+R
 $n_{\text{SNP}} = 451$

Count of pQTLs

