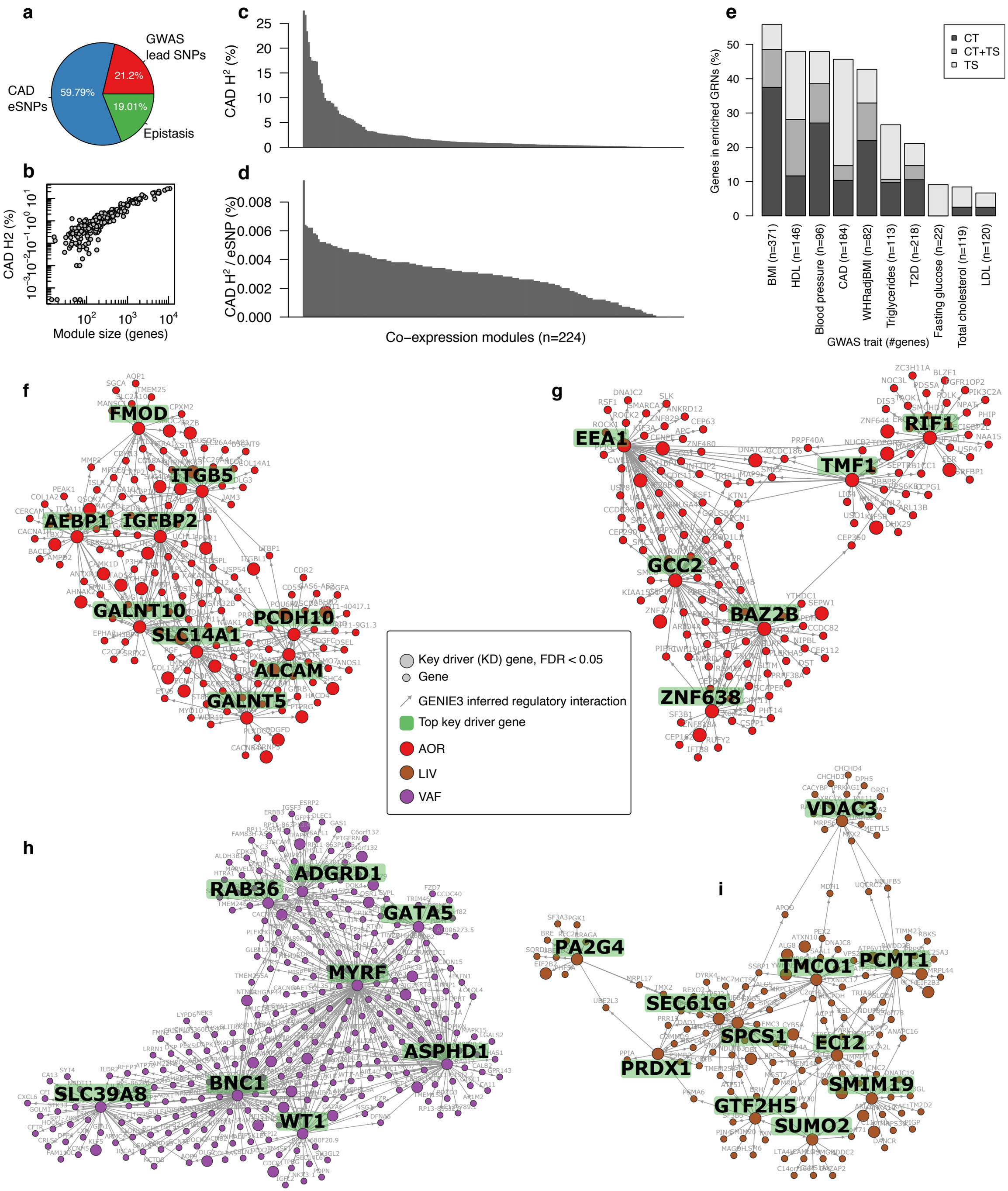
a
GWAS lead SNPs
21.2%
CAD eSNPs
59.79%
19.01%
Epistasis
b
CAD H2 (%)
Module size (genes)
c
CAD H² (%)
d
CAD H² / eSNP (%)
Co−expression modules (n=224)
e
Genes in enriched GRNs (%)
CT
CT+TS
TS
BMI (n=371)
HDL (n=146)
Blood pressure (n=96)
CAD (n=184)
WHRadjBMI (n=82)
Triglycerides (n=113)
T2D (n=218)
Fasting glucose (n=22)
Total cholesterol (n=119)
LDL (n=120)
GWAS trait (#genes)
f
FMOD
ITGB5
AEBP1
IGFBP2
GALNT10
PCDH10
SLC14A1
ALCAM
GALNT5
g
EEA1
RIF1
TMF1
GCC2
BAZ2B
ZNF638
Key driver (KD) gene, FDR < 0.05
Gene
GENIE3 inferred regulatory interaction
Top key driver gene
AOR
LIV
VAF
h
ADGRD1
RAB36
GATA5
MYRF
ASPHD1
BNC1
SLC39A8
WT1
i
VDAC3
PA2G4
TMCO1
PCMT1
SEC61G
SPCS1
ECI2
PRDX1
SMIM19
GTF2H5
SUMO2