a)
number of genes in 8w - F↓M↓ + 8w - F↑M↑ with IHW-significant PrediXcan at α = 0.05
max # of PrediXcan hits
max # of DEGs
n_intersect
Circulation
SPLEEN
HEART
BLOOD
Skeletal Muscle
SKM-VL
SKM-GN
Other
ADRNL
KIDNEY
LUNG
LIVER
Adipose
WAT-SC
Brain
HIPPOC
HYPOTH
CORTEX
GI
COLON
SMLINT
Pr(Enr.) > 0.95 :
Pr(Dep.) > 0.95 :
P99.9
P95
μ
P5
P0.01
CI95 includes 0
CI95 excludes 0
An Anthropometric
Ca Cardiometabolic
En Endocrine system
Im Immune
Al Allergy
Ag Aging
d)
multilevel tissue enrichment (logodds-scale)
b)
complement frequency
focal frequency
1-to-1 line
enriched
depleted
focal logit(frequency)
complement logit(frequency)
c)
focal frequency (+ effects)
complement frequency (+ effects)
e)
Endocrine system
Cardiometabolic
Aging
Skeletal disease
Immune
Digestive disease
Anthropometric
Hair morphology
Psychiatric
Allergy
Cancer
Blood
multilevel category enrichment (logodds-scale)
f)
multilevel trait enrichment (logodds-scale)