

Enrichment (eQTLs vs. common variants)

0

10

20

0.00 0.05 0.10 0.15 0.20

Recall (variants overlapping prediction linked to eGene)

621 variants

Predictor

ABC (A=scATAC, C=power law) (K562\_Xu)

Cicero (co-accessibility) (K562\_Xu)

FigR (p-value) (K562\_Xu)

In element (ABC) & distance to TSS (K562\_Xu)

scE2G (Multiome) (K562\_Xu)

scE2G (scATAC) (K562\_Xu)

SCENIC+ (importance) (K562\_Xu)

SCENT (FDR) (K562\_Xu)

Signac (p-value) (K562\_Xu)

SnapATAC (p-value) (K562\_Xu)

STARE (gABC, power law) (K562\_Xu)

ArchR (high-confidence) (K562\_Xu)

DIRECTNET (high-confidence) (K562\_Xu)

