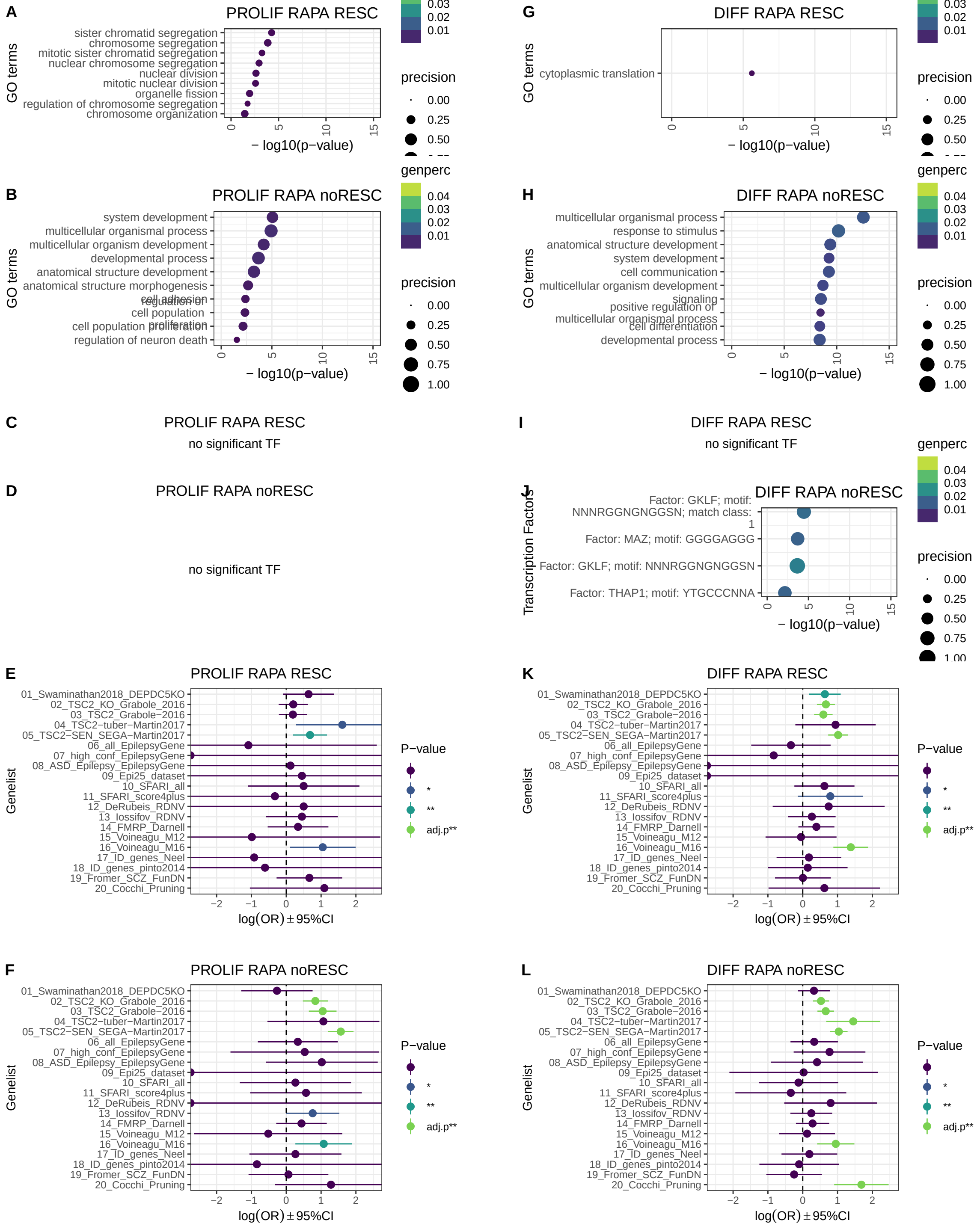
A
PROLIF RAPA RESC
GO terms
sister chromatid segregation
chromosome segregation
mitotic sister chromatid segregation
nuclear chromosome segregation
nuclear division
mitotic nuclear division
organelle fission
regulation of chromosome segregation
chromosome organization
− log10(p−value)
B
PROLIF RAPA noRESC
system development
multicellular organismal process
multicellular organism development
developmental process
anatomical structure development
anatomical structure morphogenesis
cell adhesion
regulation of
cell population
cell population proliferation
regulation of neuron death
C
PROLIF RAPA RESC
no significant TF
D
PROLIF RAPA noRESC
no significant TF
E
PROLIF RAPA RESC
Genelist
01_Swaminathan2018_DEPDC5KO
02_TSC2_KO_Grabole_2016
03_TSC2_Grabole−2016
04_TSC2−tuber−Martin2017
05_TSC2−SEN_SEGA−Martin2017
06_all_EpilepsyGene
07_high_conf_EpilepsyGene
08_ASD_Epilepsy_EpilepsyGene
09_Epi25_dataset
10_SFARI_all
11_SFARI_score4plus
12_DeRubeis_RDNV
13_Iossifov_RDNV
14_FMRP_Darnell
15_Voineagu_M12
16_Voineagu_M16
17_ID_genes_Neel
18_ID_genes_pinto2014
19_Fromer_SCZ_FunDN
20_Cocchi_Pruning
log(OR) ± 95%CI
P−value
*
**
adj.p**
F
PROLIF RAPA noRESC
G
DIFF RAPA RESC
cytoplasmic translation
H
DIFF RAPA noRESC
multicellular organismal process
response to stimulus
anatomical structure development
system development
cell communication
multicellular organism development
signaling
positive regulation of
multicellular organismal process
cell differentiation
developmental process
I
DIFF RAPA RESC
no significant TF
J
DIFF RAPA noRESC
Transcription Factors
Factor: GKLF; motif: NNNRGGNGNGGSN; match class: 1
Factor: MAZ; motif: GGGGAGGG
Factor: GKLF; motif: NNNRGGNGNGGSN
Factor: THAP1; motif: YTGCCCNNA
K
DIFF RAPA RESC
L
DIFF RAPA noRESC
genperc
precision