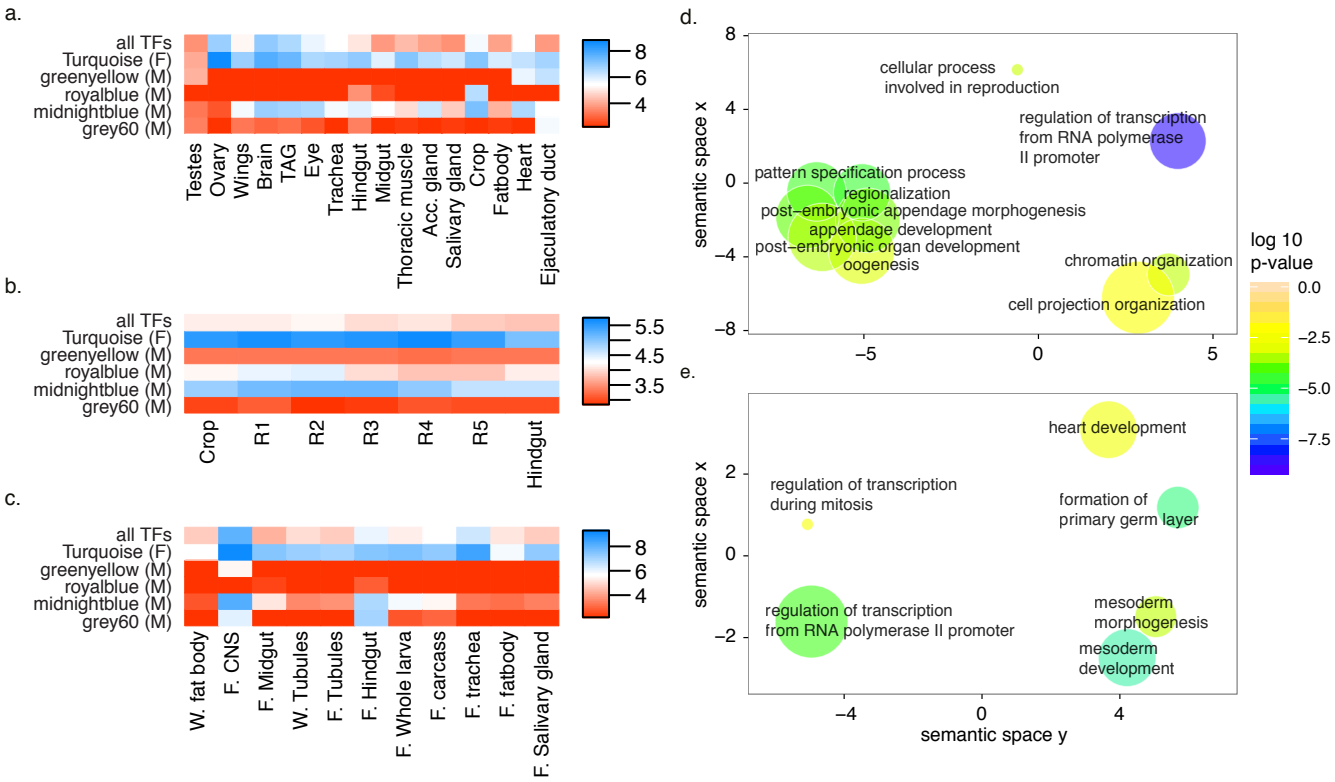
a.
all TFs
Turquoise (F)
greenyellow (M)
royalblue (M)
midnightblue (M)
grey60 (M)
Testes
Ovary
Wings
Brain
TAG
Eye
Trachea
Hindgut
Midgut
Thoracic muscle
Acc. gland
Salivary gland
Crop
Fatbody
Heart
Ejaculatory duct
8
6
4
b.
all TFs
Turquoise (F)
greenyellow (M)
royalblue (M)
midnightblue (M)
grey60 (M)
Crop
R1
R2
R3
R4
R5
Hindgut
5.5
4.5
3.5
c.
all TFs
Turquoise (F)
greenyellow (M)
royalblue (M)
midnightblue (M)
grey60 (M)
W. fat body
F. CNS
F. Midgut
W. Tubules
F. Tubules
F. Hindgut
F. Whole larva
F. carcass
F. trachea
F. fatbody
F. Salivary gland
8
6
4
d.
cellular process
involved in reproduction
regulation of transcription
from RNA polymerase
II promoter
pattern specification process
regionalization
post−embryonic appendage morphogenesis
appendage development
post−embryonic organ development
oogenesis
chromatin organization
cell projection organization
semantic space x
8
4
0
−4
−8
−5
0
5
e.
heart development
regulation of transcription
during mitosis
formation of
primary germ layer
regulation of transcription
from RNA polymerase II promoter
mesoderm
morphogenesis
mesoderm
development
semantic space x
2
0
−2
−4
0
4
semantic space y
log 10
p-value
0.0
−2.5
−5.0
−7.5