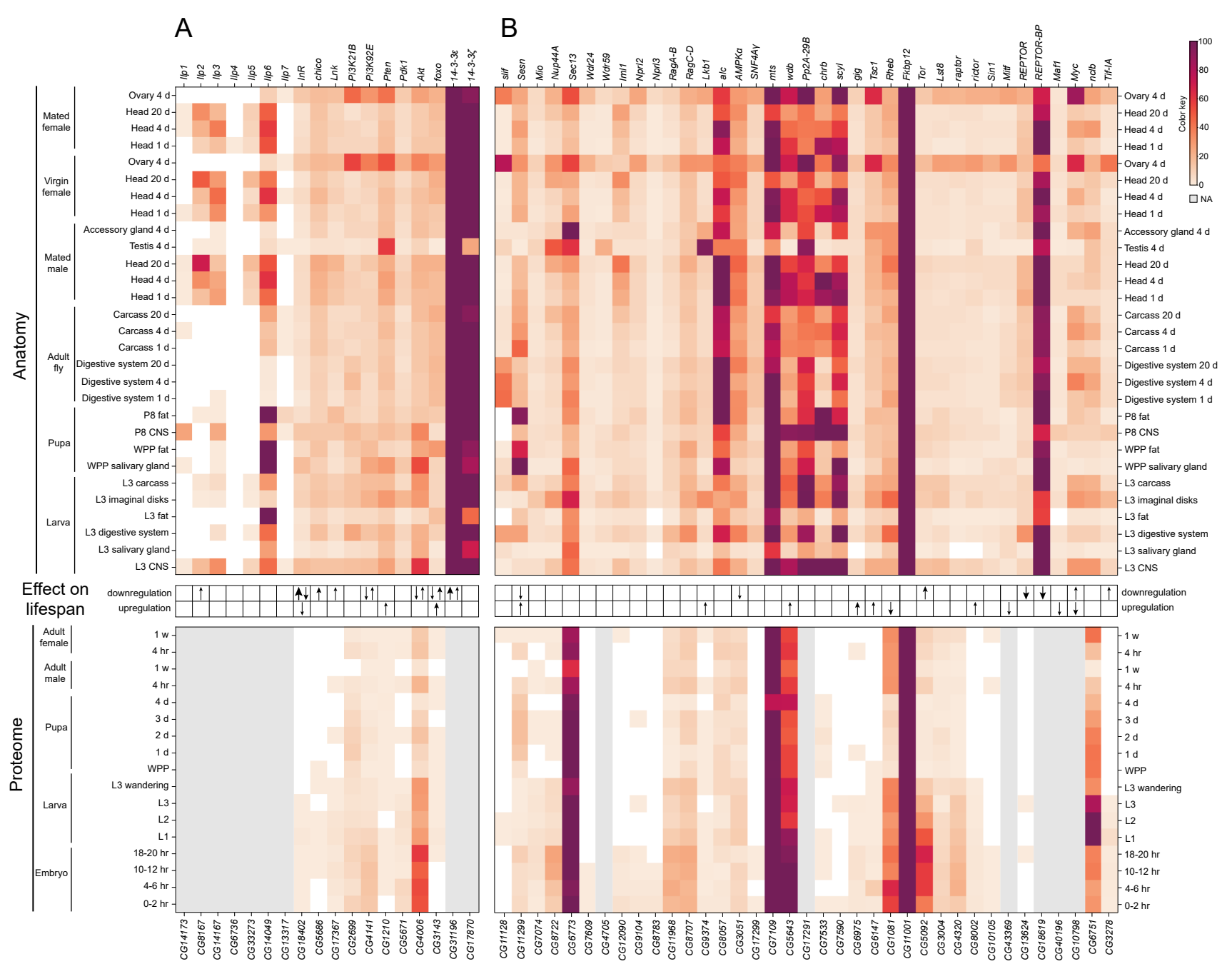
A
B
Ilp1
Ilp2
Ilp3
Ilp4
Ilp5
Ilp6
Ilp7
InR
chico
Lnk
Pi3K21B
Pi3K92E
Pten
Pdk1
Akt
foxo
14-3-3ε
14-3-3ζ
slif
Sesn
Mio
Nup44A
Sec13
Wdr24
Wdr59
Iml1
Nprl2
Nprl3
RagA-B
RagC-D
Lkb1
alc
AMPKα
SNF4Aγ
mts
wdb
Pp2A-29B
chrb
scyl
gig
Tsc1
Rheb
Fkbp12
Tor
Lst8
raptor
rictor
Sin1
Mlst
REPTOR
REPTOR-BP
Maf1
Myc
ndb
Tif-IA
Color key
100
80
60
40
20
0
NA
Anatomy
Mated female
Virgin female
Mated male
Adult fly
Pupa
Larva
Ovary 4 d
Head 20 d
Head 4 d
Head 1 d
Accessory gland 4 d
Testis 4 d
Carcass 20 d
Carcass 4 d
Carcass 1 d
Digestive system 20 d
Digestive system 4 d
Digestive system 1 d
P8 fat
P8 CNS
WPP fat
WPP salivary gland
L3 carcass
L3 imaginal disks
L3 fat
L3 digestive system
L3 salivary gland
L3 CNS
Effect on lifespan
downregulation
upregulation
Proteome
Adult female
Adult male
Pupa
Larva
Embryo
1 w
4 hr
4 d
3 d
2 d
1 d
WPP
L3 wandering
L3
L2
L1
18-20 hr
10-12 hr
4-6 hr
0-2 hr
CG14173
CG8167
CG14167
CG6736
CG33273
CG14049
CG13317
CG18402
CG5686
CG17367
CG2699
CG4141
CG1210
CG5671
CG4006
CG3143
CG31196
CG17870
CG11128
CG11299
CG7074
CG8722
CG6773
CG7609
CG4705
CG12090
CG9104
CG8783
CG11968
CG8707
CG9374
CG8057
CG3051
CG17299
CG7109
CG5643
CG17291
CG7533
CG7590
CG6975
CG6147
CG1081
CG11001
CG5092
CG3004
CG4320
CG8002
CG10105
CG43369
CG13624
CG18619
CG40196
CG10798
CG6751
CG3278