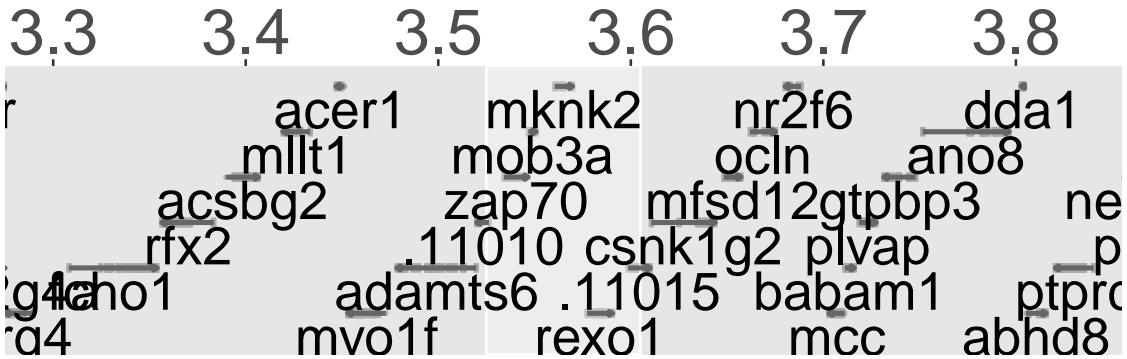


LG08

$-\log_{10}(p)$ Genes



5
4
3
2
1
0



-0.03

0.00

0.03

LG08

Genes

9.9

10

10.1

10.2

10.3

10.4

k2 fzr1

rx1

matk

zfr

235

sin3b

cav haus5

xpr1

acbd6

qsox1

lhx4

ce350

cacna1e

cac1e

osbp19

abl2

soat1

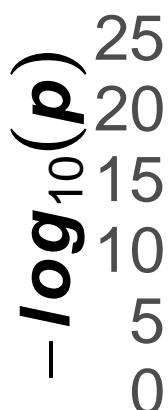
fbr

11255

cers2

klhl23

iaca1



LG08_10180149



-0.03

0.00

0.03

5
4
3
2
1
0

LG08

Genes

12 12.1 12.2 12.3 12.4 12.5

shd cpamd8
1pr3 odf3l2 .11332
er2 cks1b foxd2
shc2 foxe4
g1 uaca haus8
ankrd24sac3d1

trabd2b sele tor1aip2ip
phpt1 olfml2brh1
si:dkey-9705.1tf6fyco1
scyl3 rxrgb xcr1
pxnlmx1a .11347c
trabd2b sele tor1aip2ip

25
20
15
10
0

25
20
15
10
0

LG08_12238369

5
4
3
2
1
0



-0.03 0.00 0.03

LG08

Genes

12.3

12.4

12.5

12.6

12.7

12.8

si:dkey-9705atf6fyco1 uqcrh elovl1 lhx8
scyl3 rxrgb xcr1 cyp2j2 mob3cslc44a5
pxrlmx1a .11347cyp2j6 mkrst6galnac5 f
abd2b sele tor1aipdyp2d6 .11358tgfr tnn
d2b sele tor1aip2pk2dmhx1b btf3l4 pf1
phpt1 olfml2brhr faah zfvve9 erich

25
20
15
10
5
0

LG08_12504485



-0.03

0.00

0.03

5
4
3
2
1
0

LG08

Genes

12.6 12.7 12.8 12.9 13 13.1

h zfyve9 erjch3dio1 mpnd
elovl1 lhx8ssbp3 Igals3bpb
mob3cslc44a5bct11 ca228
mkrst6galnac5fpkt mutyhorb
11358tgfr tnni3k glis1 11382
bx1bbtf3l4 pf11dio1 sh3al1
zfa plin sema6bcolg abh .11

25
20
15
10
5
0

LG08_12892586



-0.03 0.00 0.03

LG08

Genes

12.8

12.9

13

13.1

13.2



- $\log_{10}(p)$

5
4
3
2
1
0

LG08 13006327



-0.03

0.00

0.03

LG08

Genes

14.6 14.7 14.8 14.9 15 15.1

gnt3 il12rb1 med20 pba1 tmem79 kank3
tl3 .11446 smimpex11g ctdspl2 angptl4
26 mast3 tmem38 am1 arid3a dpp9 pde4d m
ndufa7 thbs4 1456 hdm4 dazap1 ifi30 mp
n2dlr crtc1 ptger4 11461 gamt pik3r2 mp
cnv2 klhl26 c35e abca1 ndufs7 .11472 mb

25
20
15
10
0

LG08_14841525



-0.03 0.00 0.03

LG08

Genes

14.7 14.8 14.9 15 15.1 15.2 15.3

5s41456 hdm4 dazap1 ifi30
ptger411461 gamt pik3r2
635eabca1 ndufs7 11472
1ed26ba1 tmem79 kank3
mipex11g ctdspl2 angptl4
emb8am1 arid3a dbp9 pde4dmpv17l2of1
if

- $\log_{10}(p)$

• LG08_14963341

5
4
3
2
1
0



LG08

Genes

14.9 15

15.1 15.2

15.3

15.4

dsp12 angptl4
d3a dpp9 pde4d
dazap1 ifi30 mpv17l2pf1
gamt pik3r2 mpv17l2pep1
ndufs7 11472 mpv17l2sm4
nem79 kank3 mpv17l2pk2 uba52
11477un homer3 rabdab
ifi44l
11492
arrdc2
uba52
...
rabdab

25
20
15
10
5
0

- $\log_{10}(p)$



0.00

-0.03

0.03

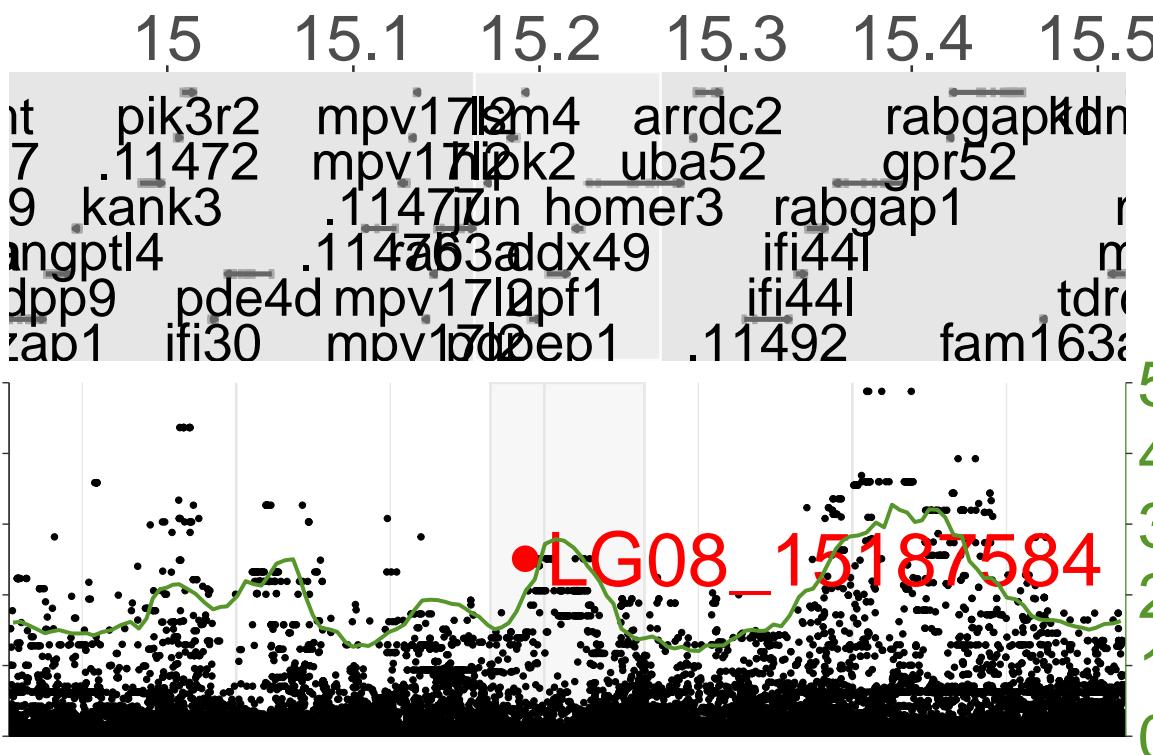
LG08 15098135

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4
3
2
1
0



LG08

$-\log_{10}(p)$ Genes



LG08

15.2

15.4

15.6

Genes

$-\log_{10}(p)$

25
20
15
10
0

npv1712n4 arrdc2
npv1712k2 uba52
11470nhomer3 rabgap1l
147163adx49 ifi44l
npv1710f1 ifi44l
npv1712ep1 .11492 fam163a
mcf2l2
mcf2l
tdrd5
ptprf
ptprf
hyi

LG08_15409350

5
4
3
2
1
0



-0.03 0.00 0.03

LG08

Genes

4.8

5

5.2

5.4

2bmau2 mcpt2
2c25a42 mcpt10
81074 rfesd
k073 cilp
ap61ajefn3
2catad2a

slc5a5
jakk2
cnn2
.11086124
cbarp
pluap1
atp5f1duap1
midn-b .11086m4c

25
20
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G08_5211426

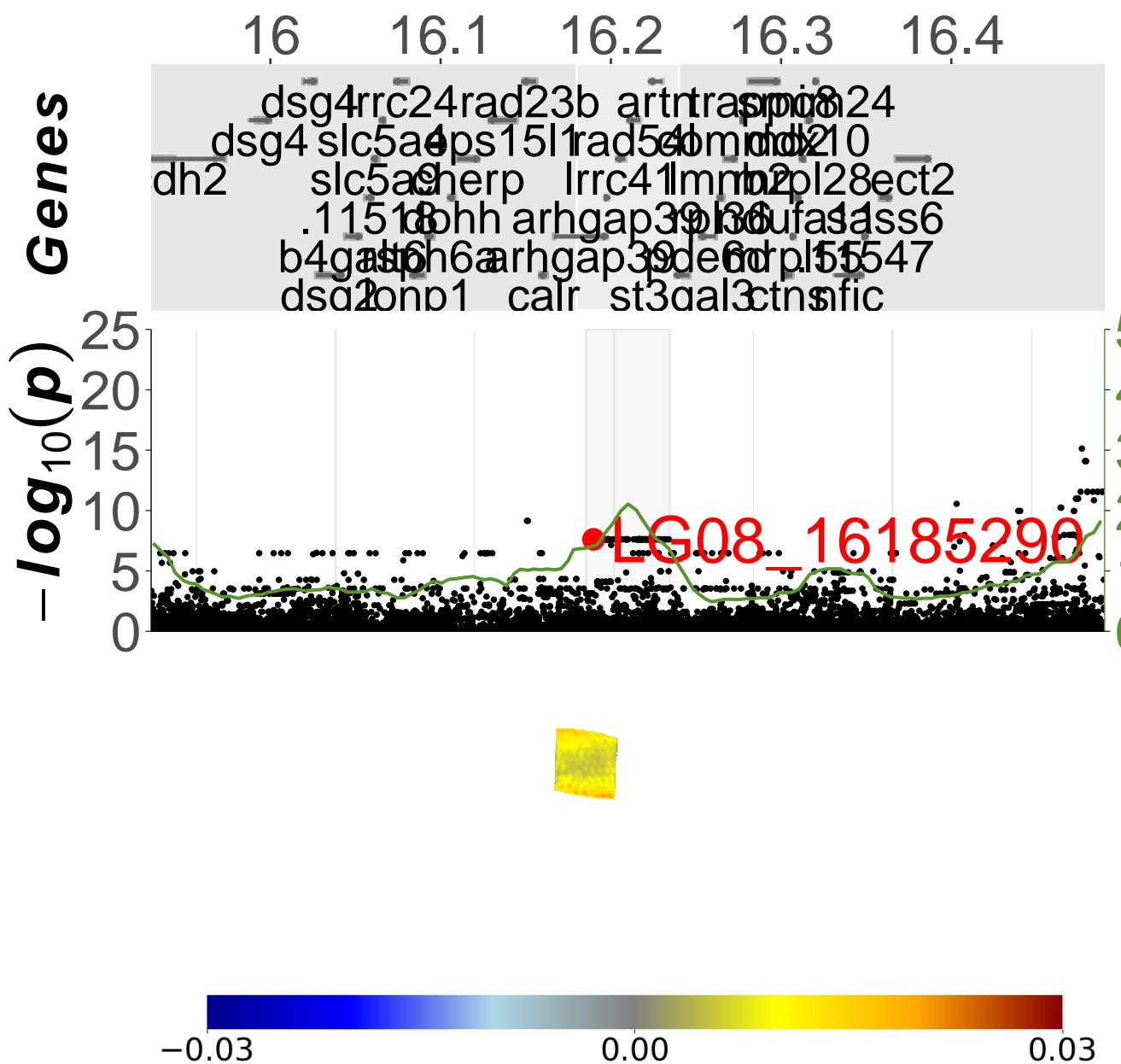


-0.03

0.00

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LG08



LG08

Genes

16.3 16.4 16.5 16.6 16.7 16.8

b2l28ect2
sfafslss6
dplbb47
strafic
apod24
dhx20

nlan1

nlgn1

25
20
15
10
0

• LG08_16553692

5
4
3
2
1
0



-0.03 0.00 0.03

LG08

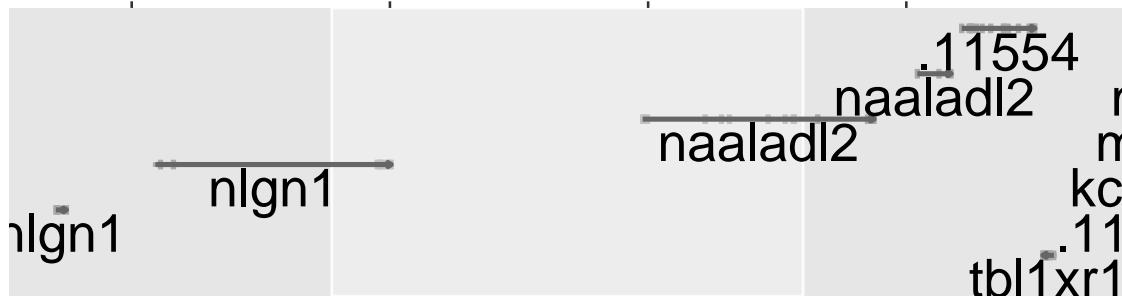
Genes

16.6

16.8

17

17.2



LG08_16998507

5
4
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1
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LG08

Genes

22.4 22.5 22.6 22.7 22.8 22.9

tmem69 stxbp3mccc1
11803 fndc7 lamp1
mylk4 fndc7 kng
gmds henmt1 pik3ca
nds fam102b zmat3 11818
slc25a24 rnf14mccc1

25
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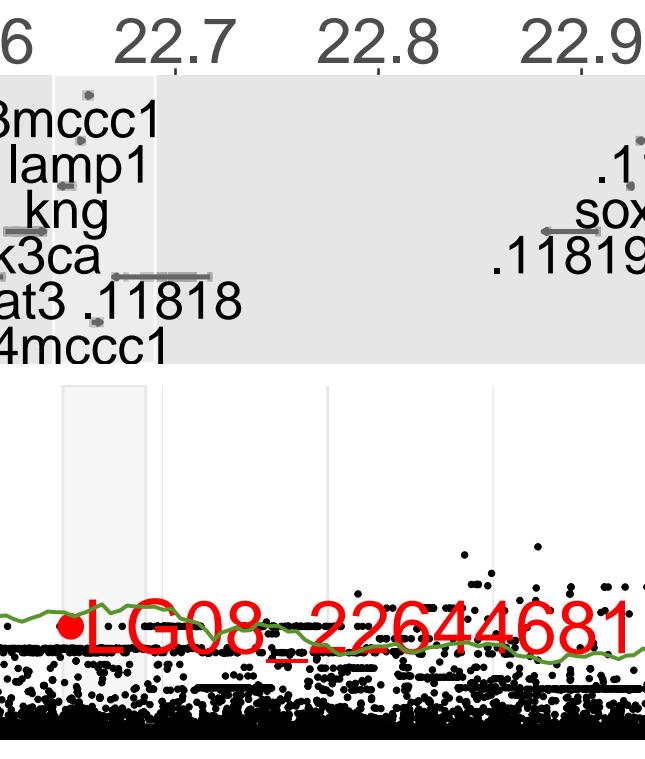


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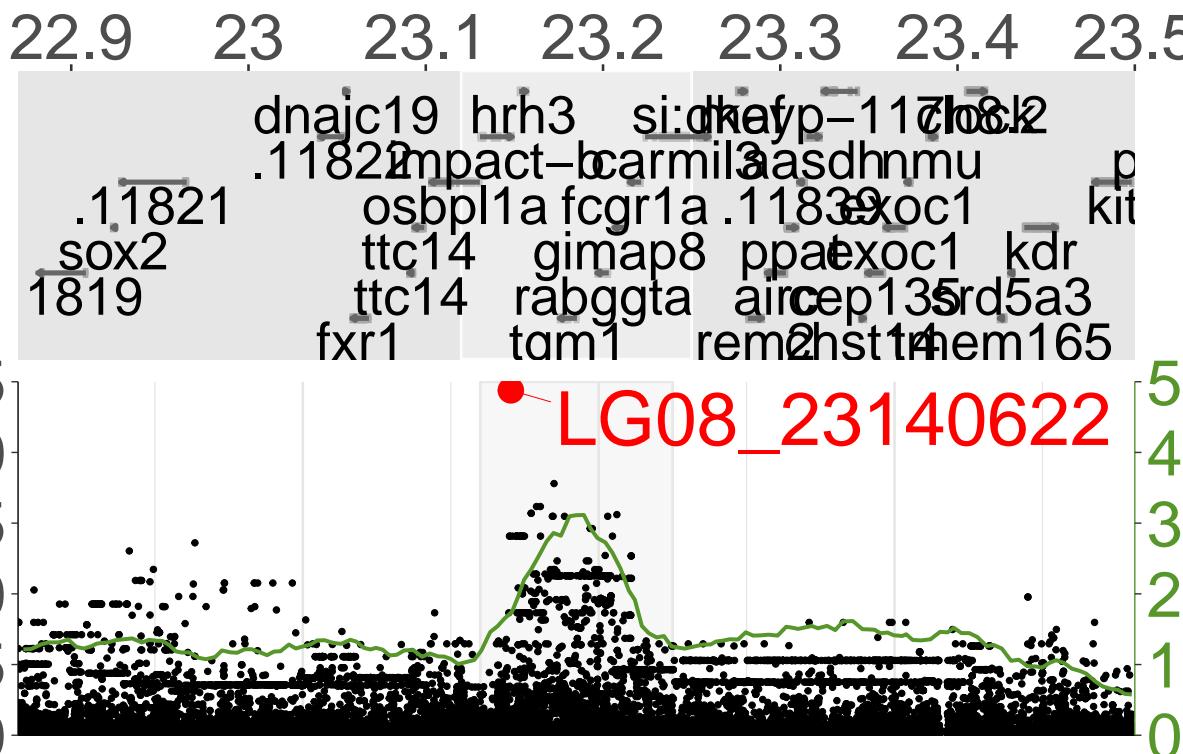
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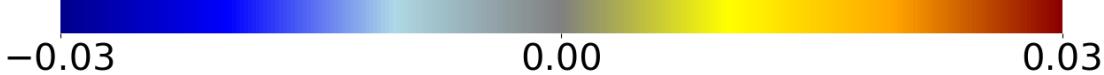
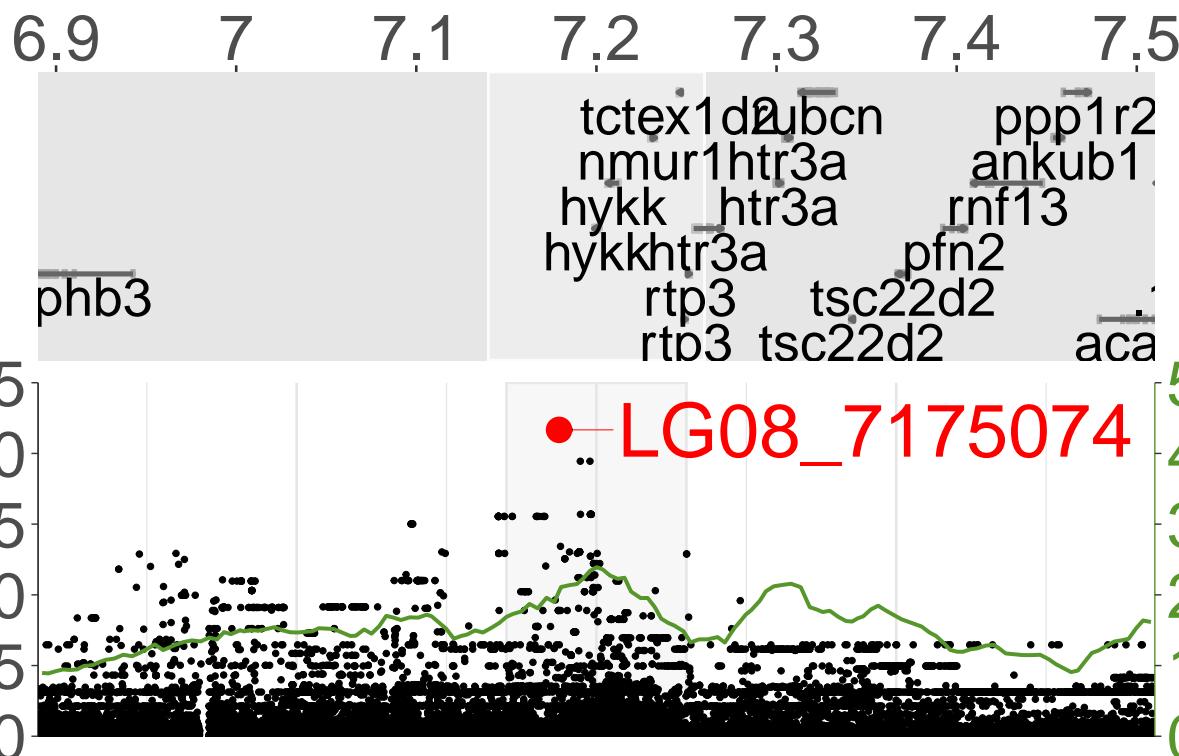
LG08

- $\log_{10}(p)$ Genes



LG08

$-\log_{10}(p)$ Genes



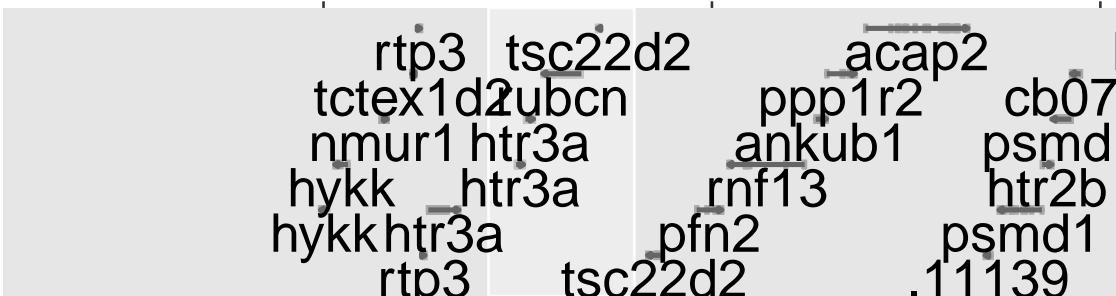
LG08

$-\log_{10}(p)$ Genes

7.2

7.4

7.6



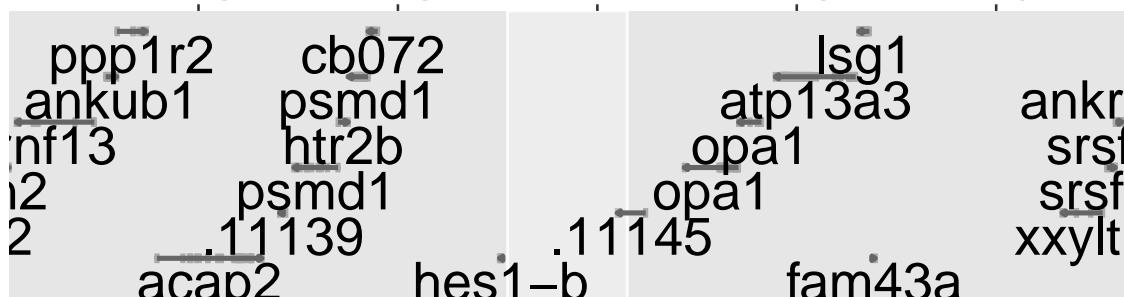
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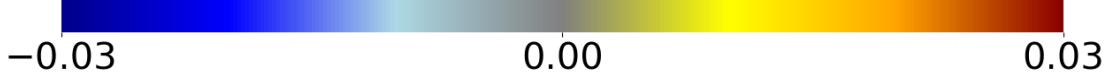
LG08

Genes

$-\log_{10}(p)$



LG08_7660029



LG08

Genes

7.7

7.9

8.1

htr2b

smd1

139

2

cb072

psmd1

opa1

opa1

11145

hes1-b

fam43a

lsg1

atp13a3

ankrd13c-a

srsf11

srsf11

xxylt1

zranb2

ptger3

cth

negr1

11158

v

11158

v

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LG08_7812080



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LG08

$-\log_{10}(p)$ Genes

8.8

9

9.2

ttll7rpf1tg1clcg1hb4
ttll7dnase2lncobm24sp13
11165 uoxbsncoln1dufb5
samptata1parastpl47
prksactapr2tsjactl6a
11.1683x2its1dh7a1

cldn19
ccdc50t
uts2b
gp5
Irrc15 cc
Irrc15 dal

25
20
15
10
5
0

5
4
3
2
1
0

LG08_8884654



-0.03

0.00

0.03

LG08

Genes

9.4 9.5 9.6 9.7 9.8 9.9
m4lsm7
g100028908001insr
mindy4arhgef18
8exnenc1
ab3mm13-a
1209prss9
11220
11225
s1pr4
myo9b
myo9b
use1
ncl1
lox
mydgf matk
prr16 zfr xp
tnfaip8l11235 s
cope atcay ha
cers1 nmrk2 fz

- $\log_{10}(p)$

5
4
3
2
1
0

LG08_9626654



-0.03

0.00

0.03

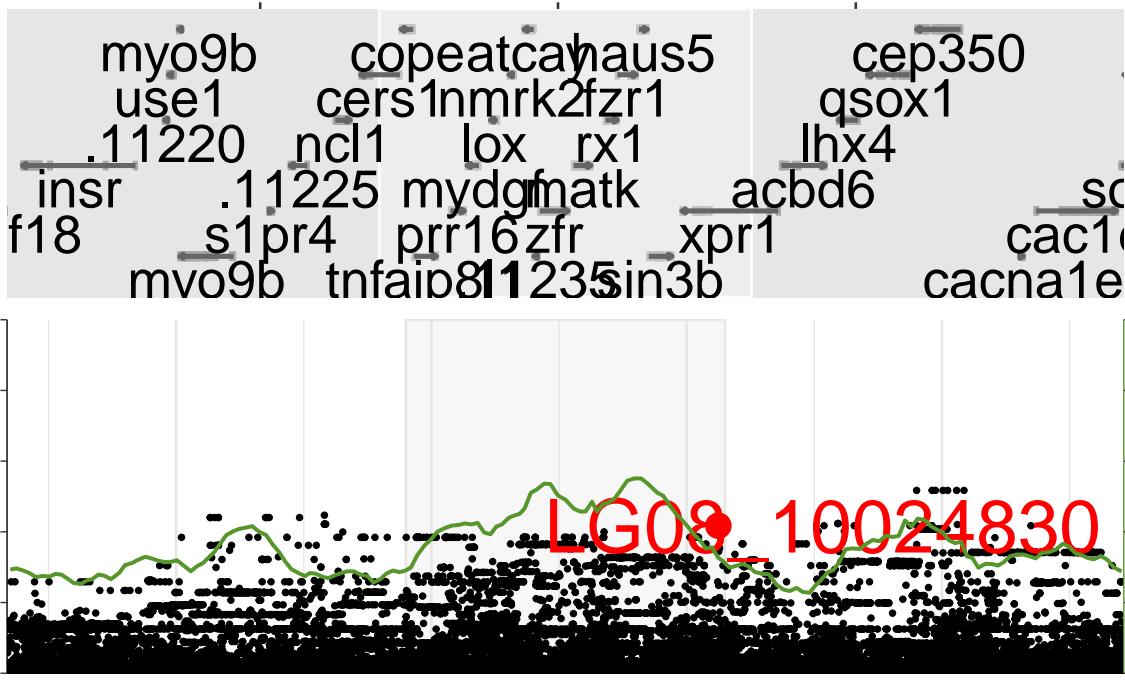
LG08

$-\log_{10}(p)$ Genes

9.7

9.9

10.1



-0.03

0.00

0.03

