gc007b genes
cts: cell_cycle_1

HoiH23
p=326
+143 | −29 — HoiH23

Hoilungia
p=212
+94 | −0

Hhon
p=341
+192 | −63 — Hhon

TrH2
p=0
+0 | −118 — TrH2

Trichoplax
p=118
+0 | −0

Tadh
p=250
+242 | −0 — Tadh

- ■ new expression & new gene
- ■ new expression & old gene
- □ already expressed
- ■ expressed elsewhere
- ■ not expressed in any module
- ■ absent gene
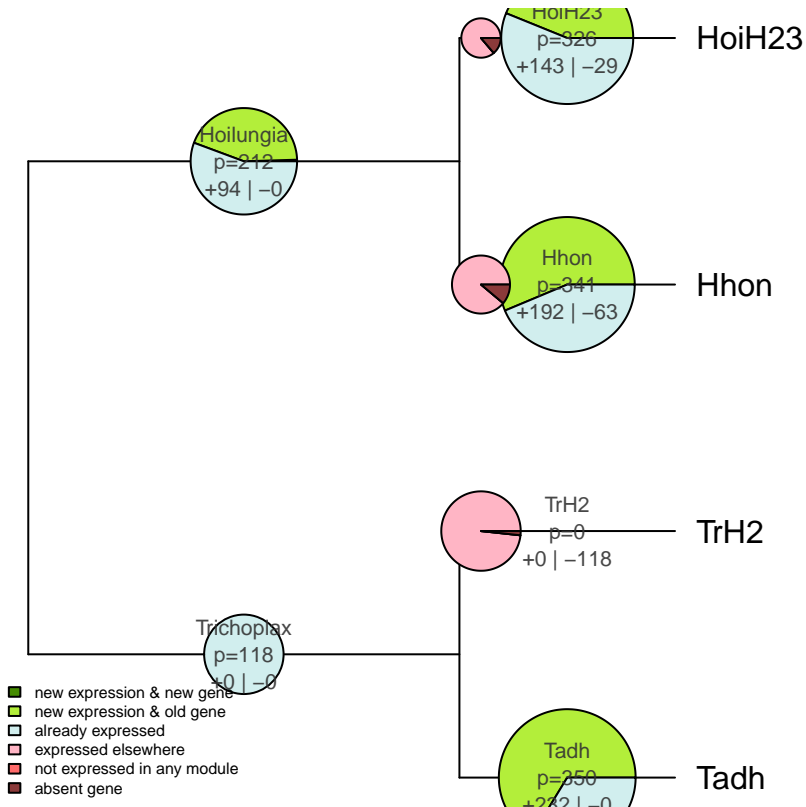
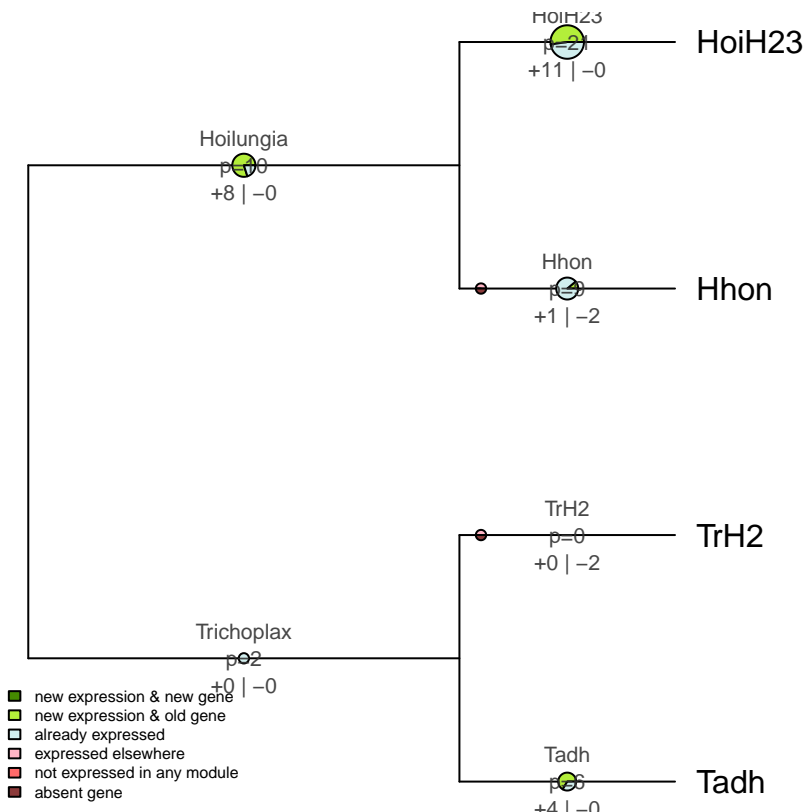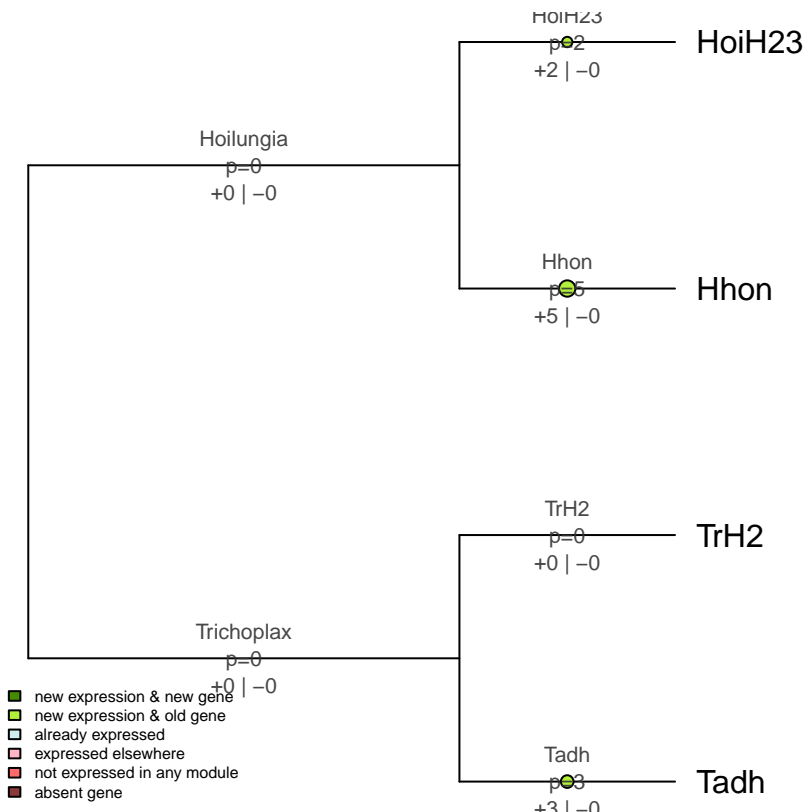root expressed p=118 (out of 765 conserved)
total genes n=779

gc007b tfs genes
cts: cell_cycle_1

root expressed p=2 (out of 299 conserved)
total genes n=779

gc007b neu genes
cts: cell_cycle_1

HoiH23
p=2
+2 | −0

HoiH23

Hoilungia
p=0
+0 | −0

Hhon
p=5
+5 | −0

Hhon

TrH2
p=0
+0 | −0

TrH2

Trichoplax
p=0
+0 | −0

Tadh
p=3
+3 | −0

Tadh

- ■ new expression & new gene
- ■ new expression & old gene
- □ already expressed
- ■ expressed elsewhere
- ■ not expressed in any module
- ■ absent gene

root expressed p=0 (out of 404 conserved)
total genes n=779

**gc007b ion genes
cts: cell_cycle_1**

HoiH23
p=1
+1 | −0

HoiH23

Hoilungia
p=0
+0 | −0

Hhon
p=0
+0 | −0

Hhon

TrH2
p=0
+0 | −0

TrH2

Trichoplax
p=0
+0 | −0

Tadh
p=0
+0 | −0

Tadh

■ new expression & new gene
■ new expression & old gene
□ already expressed
■ expressed elsewhere
■ not expressed in any module
■ absent gene
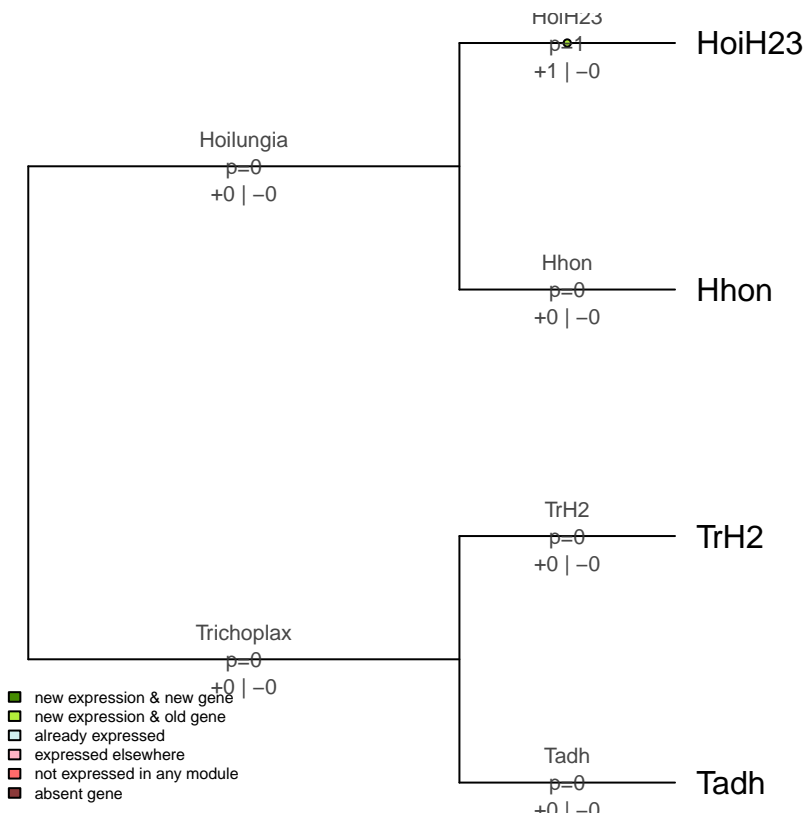
root expressed p=0 (out of 96 conserved)
total genes n=779

gc007b sig genes
cts: cell_cycle_1

HoiH23
p=3
+2 | −0

HoiH23

Hoilungia
p=1
+0 | −0

Hhon
p=3
+3 | −1

Hhon

TrH2
p=0
+0 | −1

TrH2

Trichoplax
p=1
+0 | −0

new expression & new gene
new expression & old gene
already expressed
expressed elsewhere
not expressed in any module
absent gene

Tadh
p=2
+1 | −0

Tadh
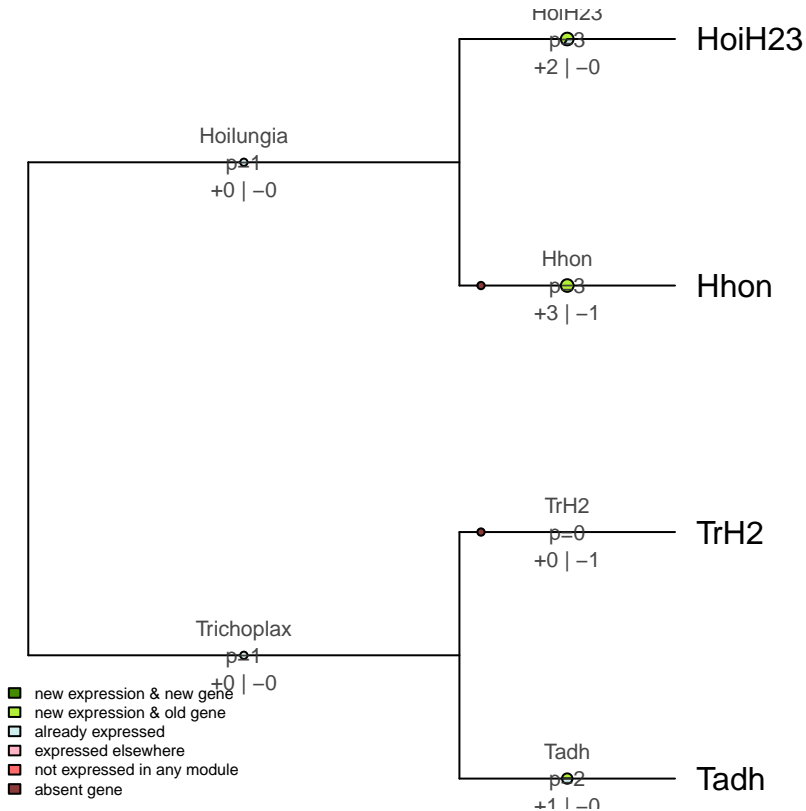
root expressed p=1 (out of 859 conserved)
total genes n=779

**gc007b siggpcr genes
cts: cell_cycle_1**

HoiH23
p=0
+0 | −0

HoiH23

Hoilungia
p=0
+0 | −0

Hhon
p=2
+2 | −0

Hhon

TrH2
p=0
+0 | −0

TrH2

Trichoplax
p=0
+0 | −0

■ new expression & new gene
■ new expression & old gene
□ already expressed
■ expressed elsewhere
■ not expressed in any module
■ absent gene

Tadh
p=0
+0 | −0

Tadh
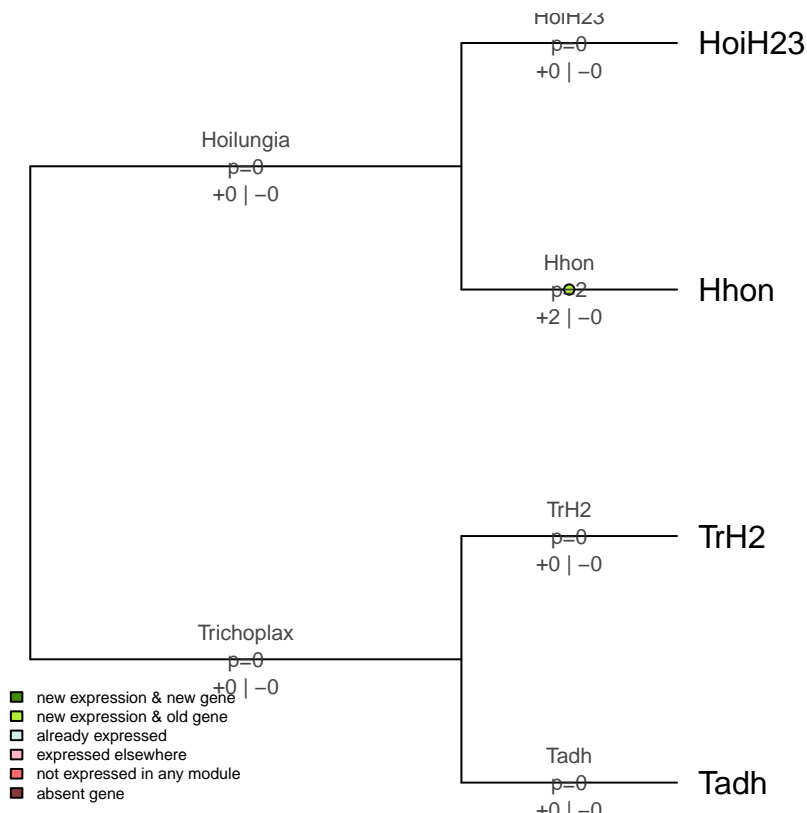
root expressed p=0 (out of 580 conserved)
total genes n=779

gc007b flag genes
cts: cell_cycle_1

HoiH23
p=0
+0 | −0

HoiH23

Hoilungia
p=0
+0 | −0

Hhon
p=0
+0 | −0

Hhon

TrH2
p=0
+0 | −0

TrH2

Trichoplax
p=0
+0 | −0

Tadh
p=1
+1 | −0

Tadh

- new expression & new gene
- new expression & old gene
- already expressed
- expressed elsewhere
- not expressed in any module
- absent gene
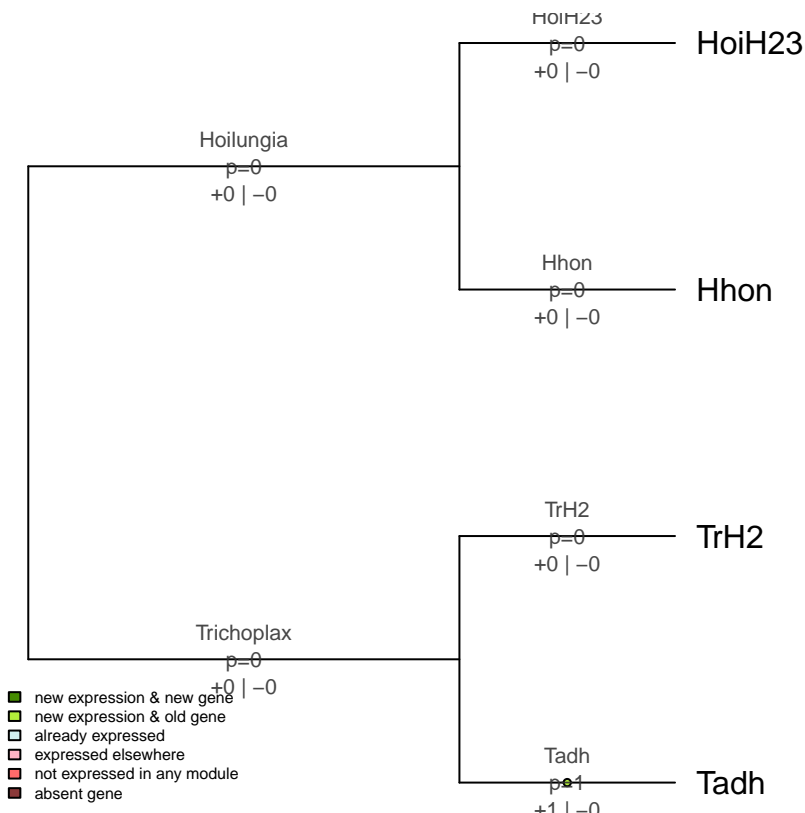
root expressed p=0 (out of 59 conserved)
total genes n=779

100

50

10

5