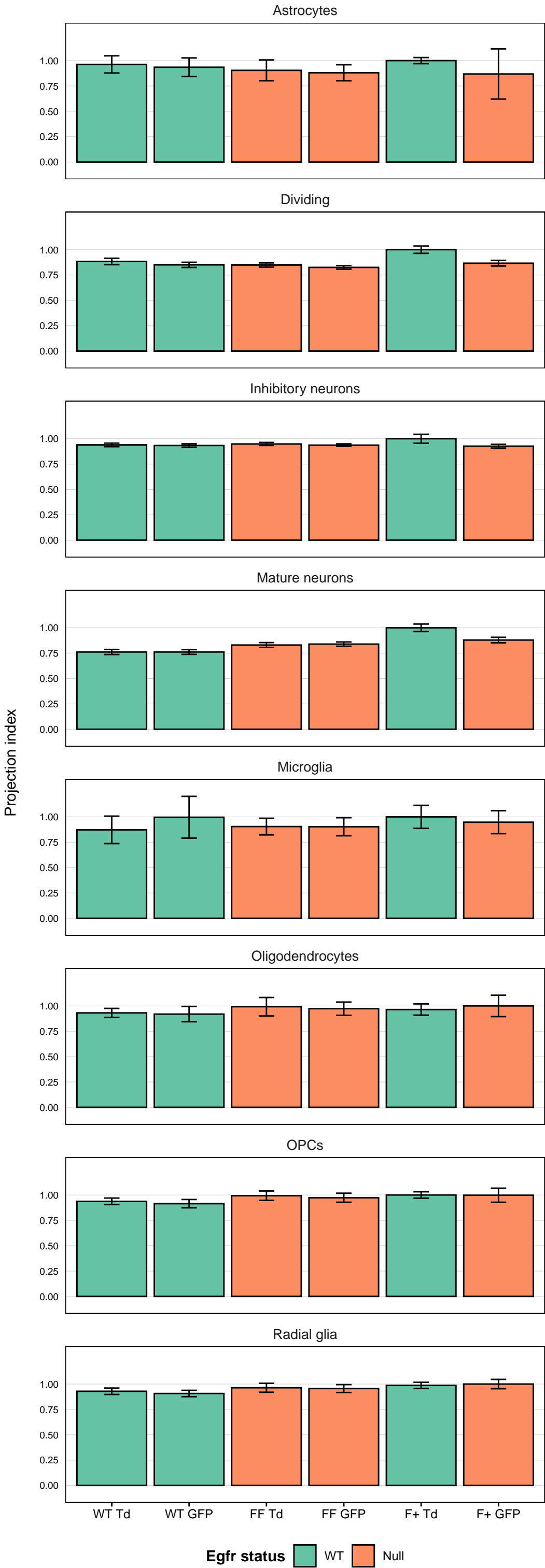
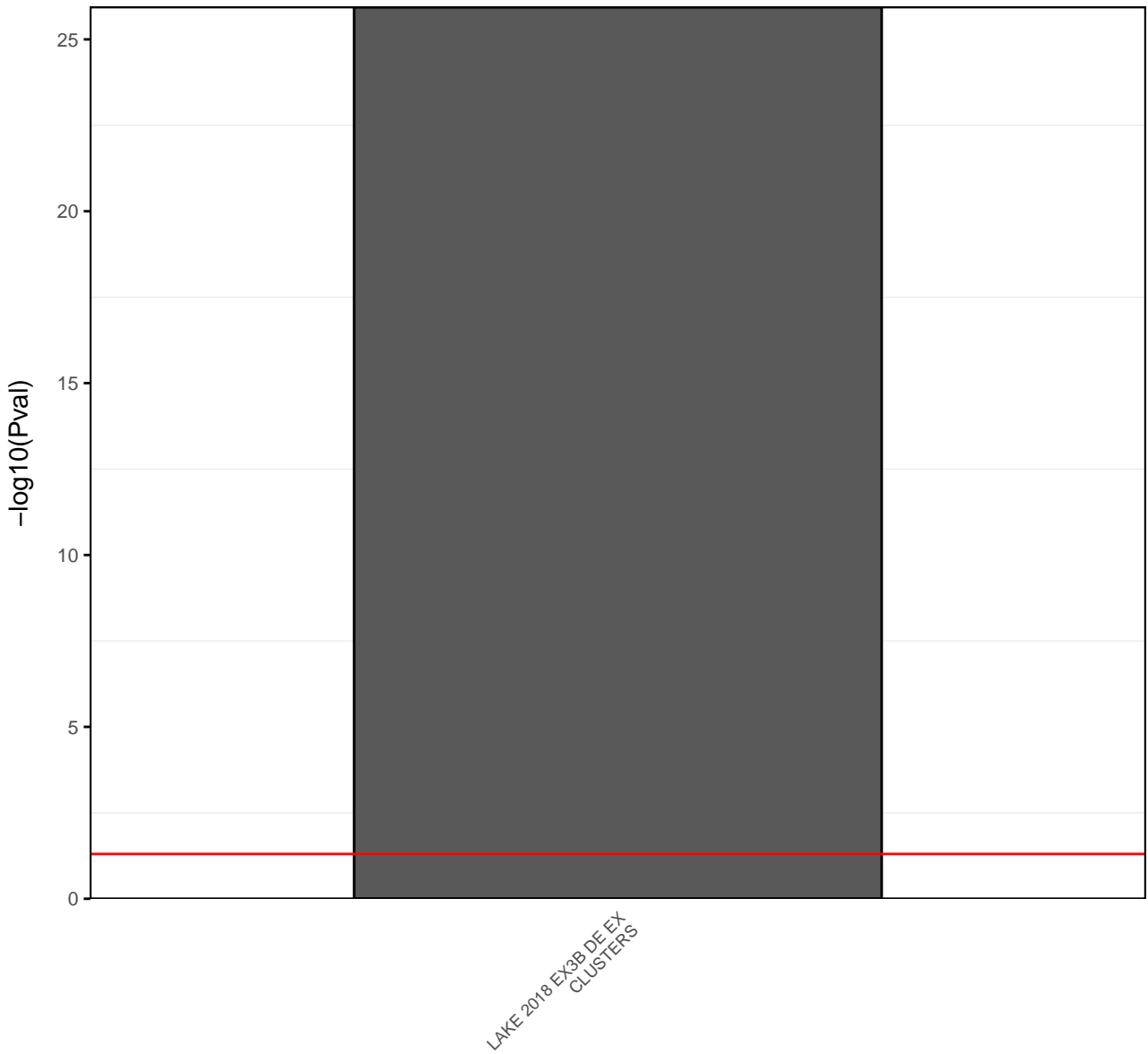


turquoise module
Top 100 by kME
Bicor-None_signum0.577_minSize20_merge_ME_0.85_18566



Top genes by kME

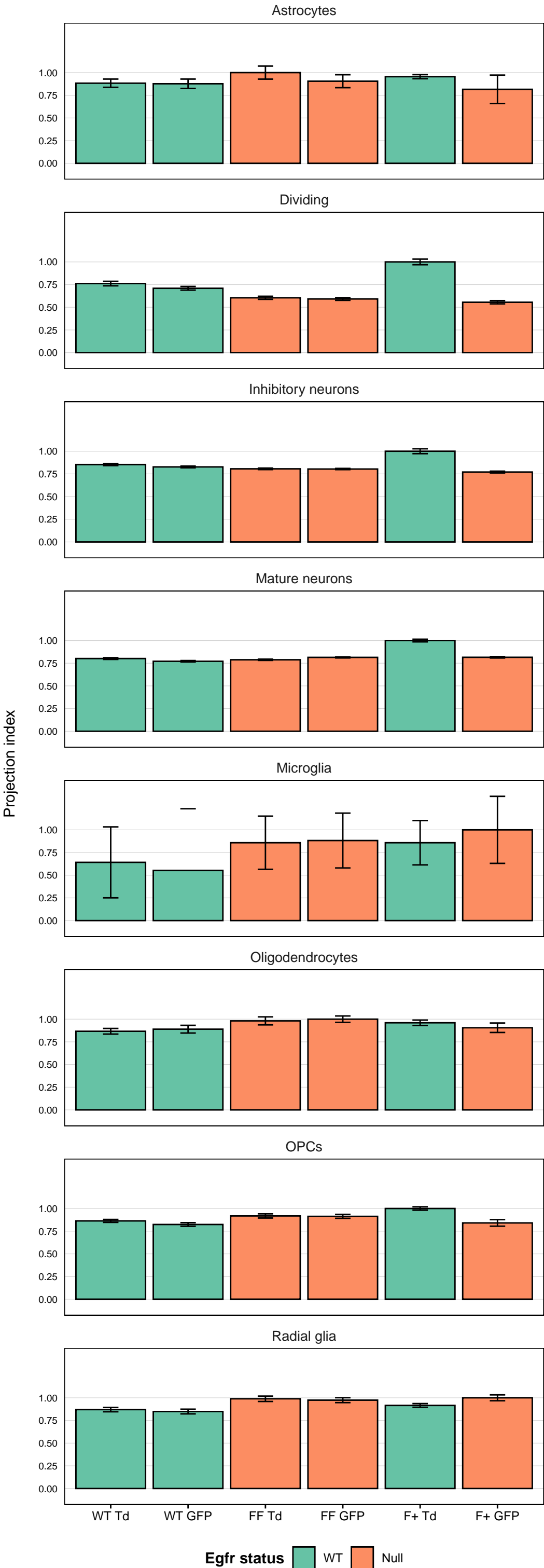
Dut
Selenoh
Hspa5
Ldha
Adcy8
Eda
Cadps
Oat
Brip1os
Grid1
Mpzl1
Cxadr
Arl6ip1
Grm7
Lrrtm4
Psap
Gabrg2
Nell2
Raly1
Add3



yellow module

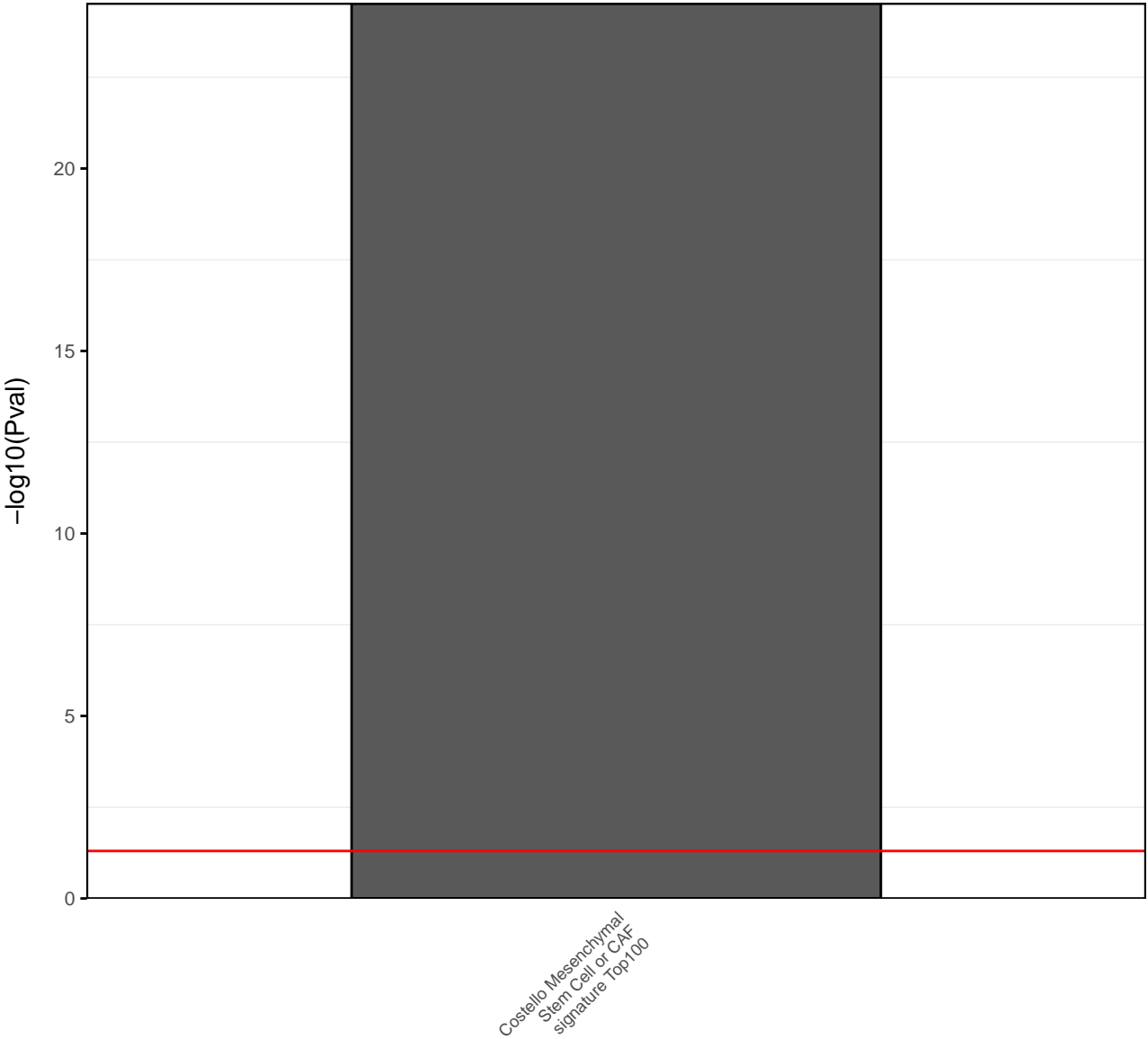
Top 100 by kME

Bicor-None_signum0.577_minSize20_merge_ME_0.85_18566

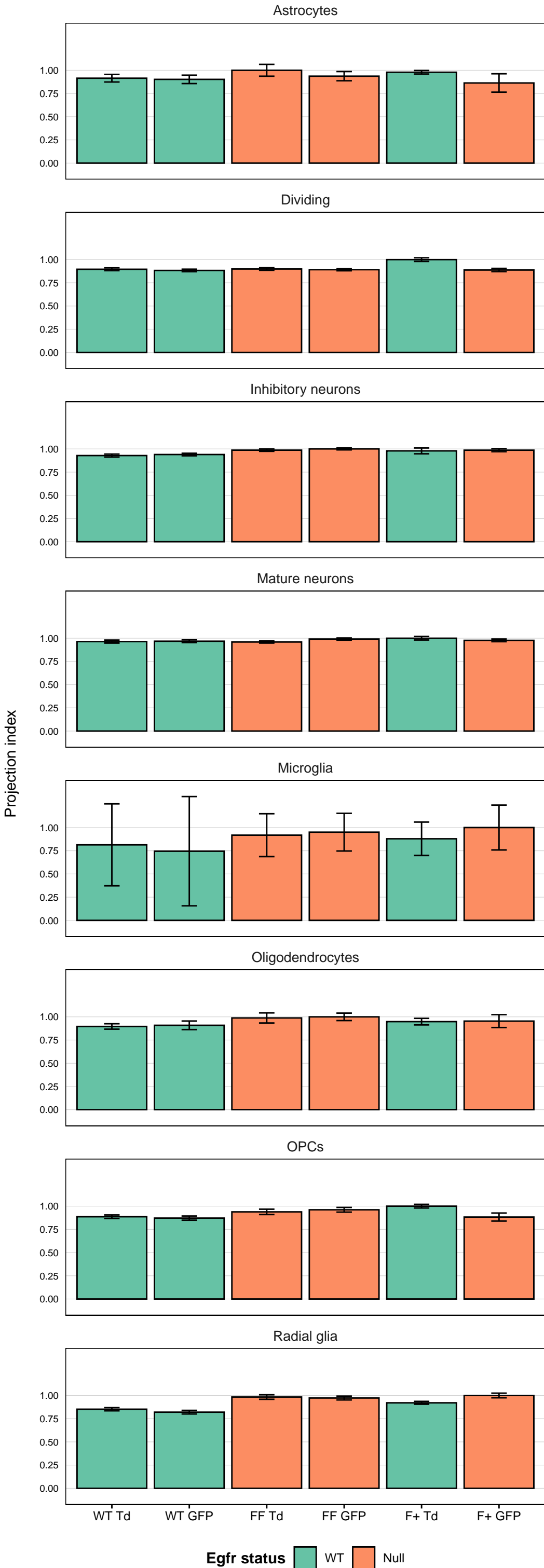


Top genes by kME

Fam183b
Galnt17
Cfap126
C230072F16Rik
Nrg3os
Rasl11a
1700094D03Rik
Ccdc162
Gm45341
Pcsk5
Hydin
Lrrc23
Ak7
Spag6l
Lgi1
St18
Gm11266
Epb4114a
Rsph1
Nrn1

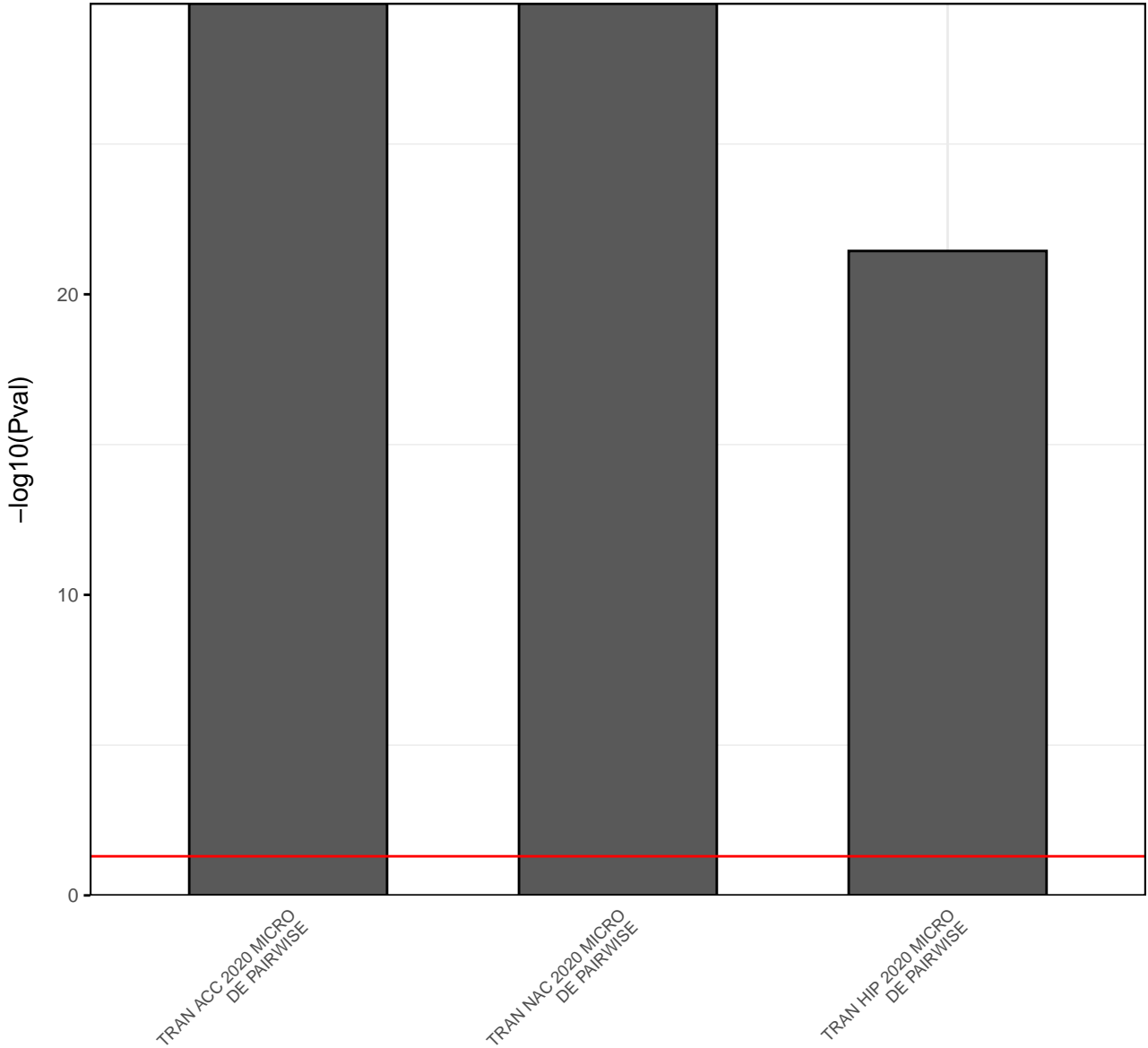


greenyellow module
Top 100 by kME
Bicor-None_signum0.577_minSize15_merge_ME_0.85_18566

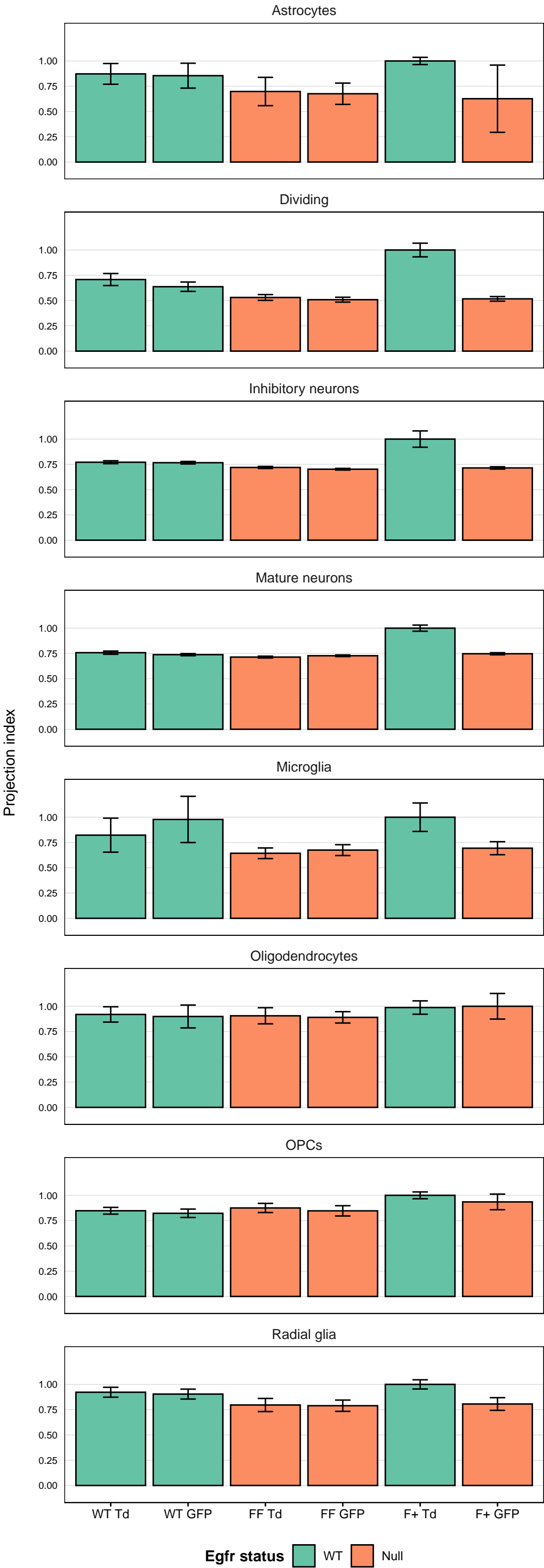


Top genes by kME

C1qb
Cx3cr1
Dock2
Fyb
Adgre1
Lgmn
Laptm5
Cyba
Trf
Aif1
Ctss
Fcer1g
St6gal1
Cemip2
Nfkbiz
ErbB4
Dach2
Spi1
Hdac9
Myt1

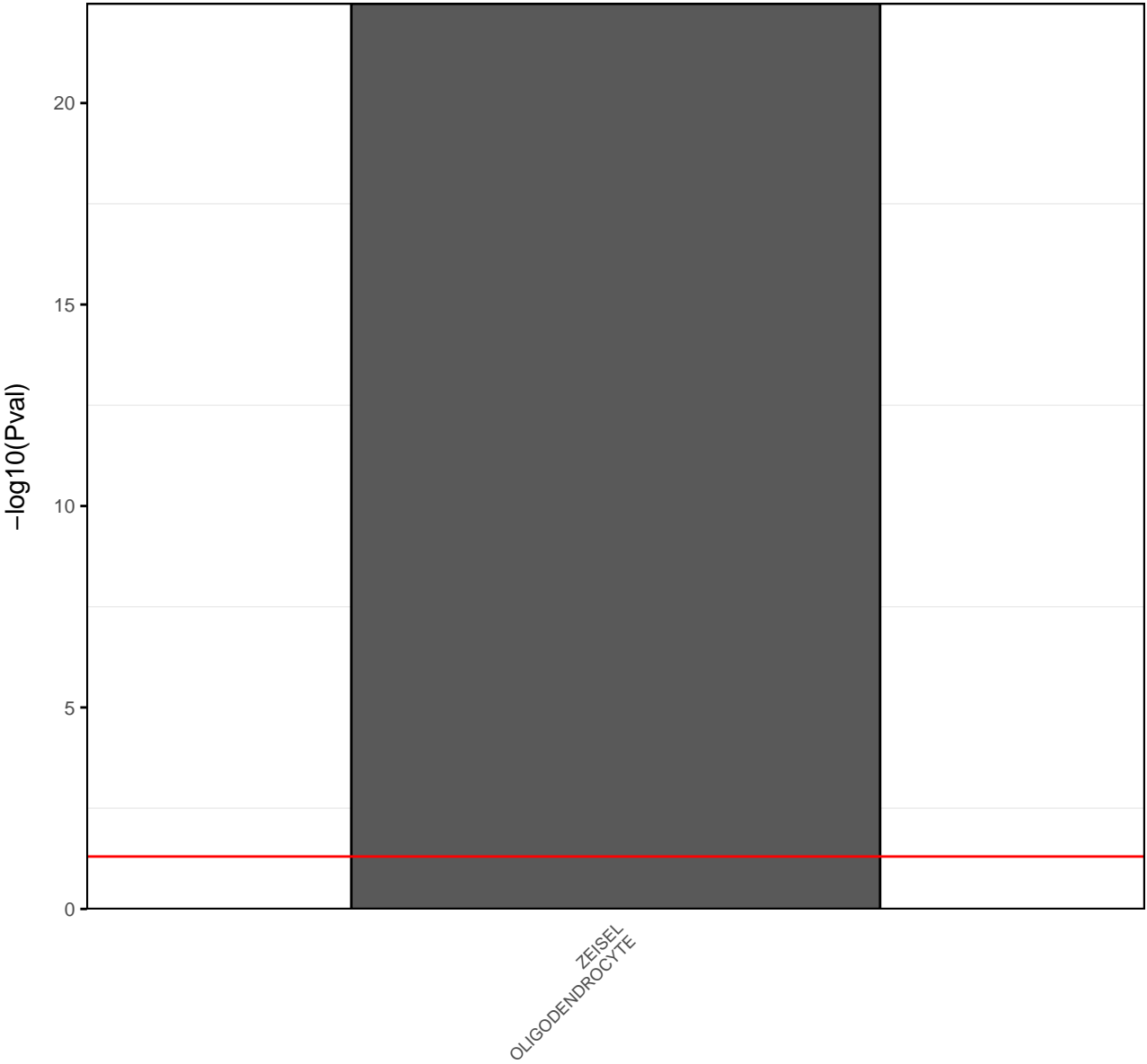


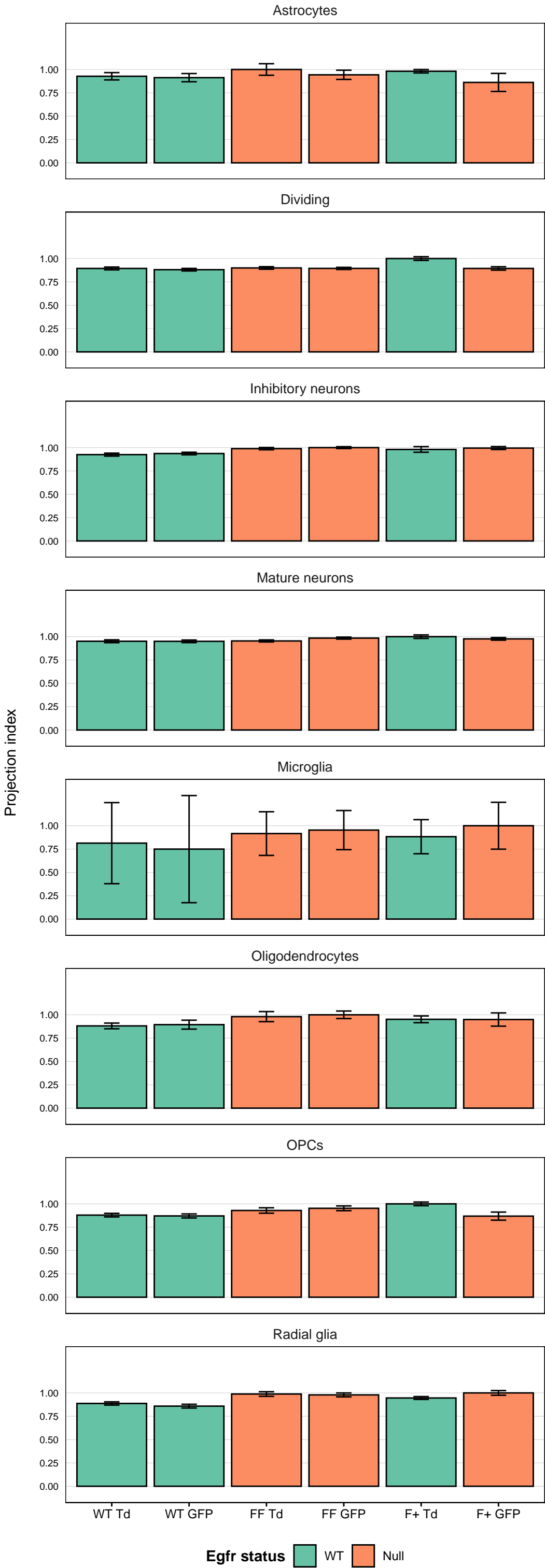
cyan module
Top 100 by kME
Bicor-None_signum0.607_minSize15_merge_ME_0.85_18566



Top genes by kME

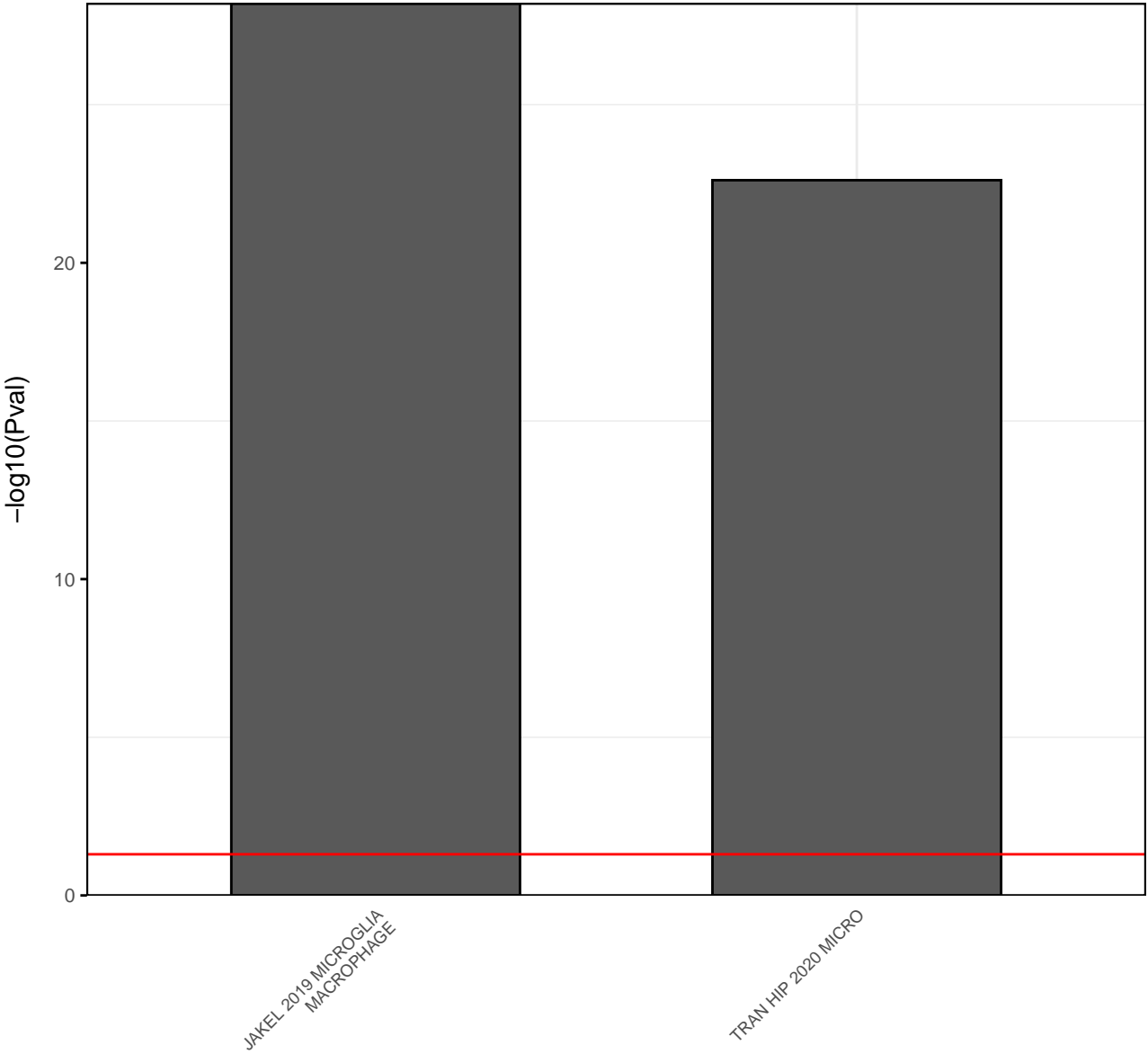
Sh3kbp1
Ccdc34
Mid1
Ranbp1
Ppp1r15a
Nedd4l
Anp32b
Eil2
Scg2
Enox1
Stxbp6
Enkur
Neurod2
Mlf1
Ina
Ccdc113
Ppargc1a
Shtn1
Ntng2
Omg



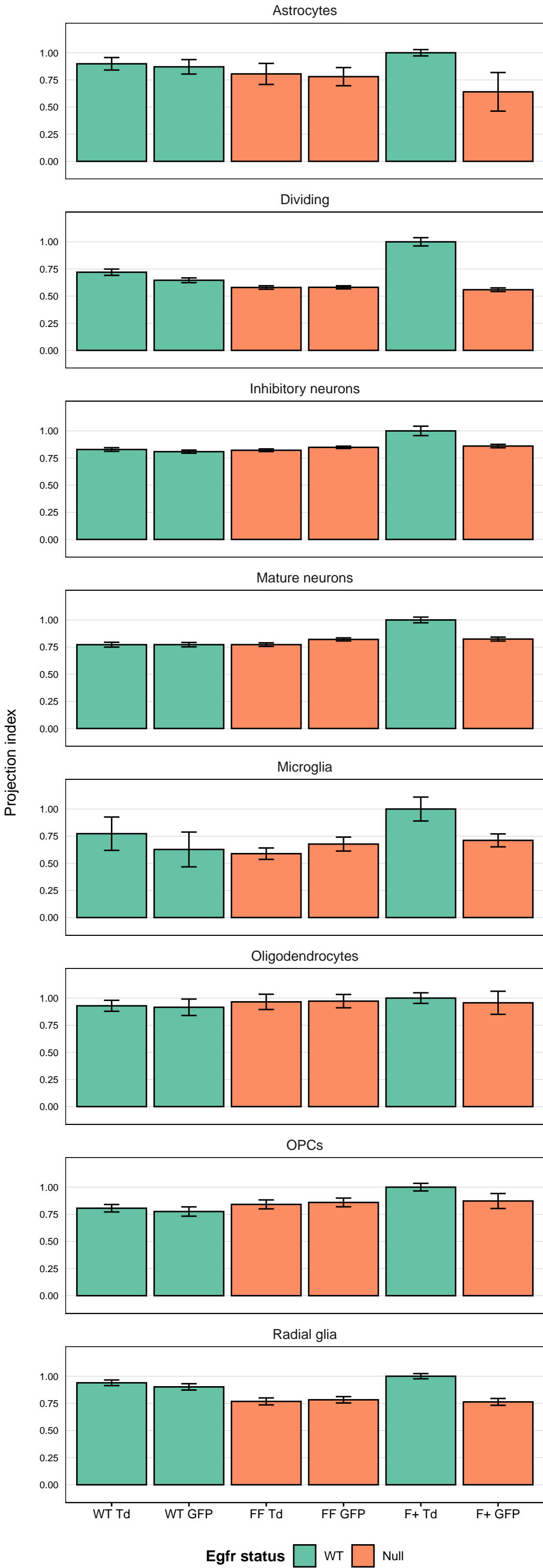


Top genes by kME

Etv6
Lmna
4930544I03Rik
Ier3
Gm33228
Cldn11
Srgn
Ifitm3
Ccn1
Atf3
Hs3st1
Lmo4
Arpc1b
Thsd4
Dok5
C77080
Gm9750
Tenm1
Tagln
Kcnq1ot1

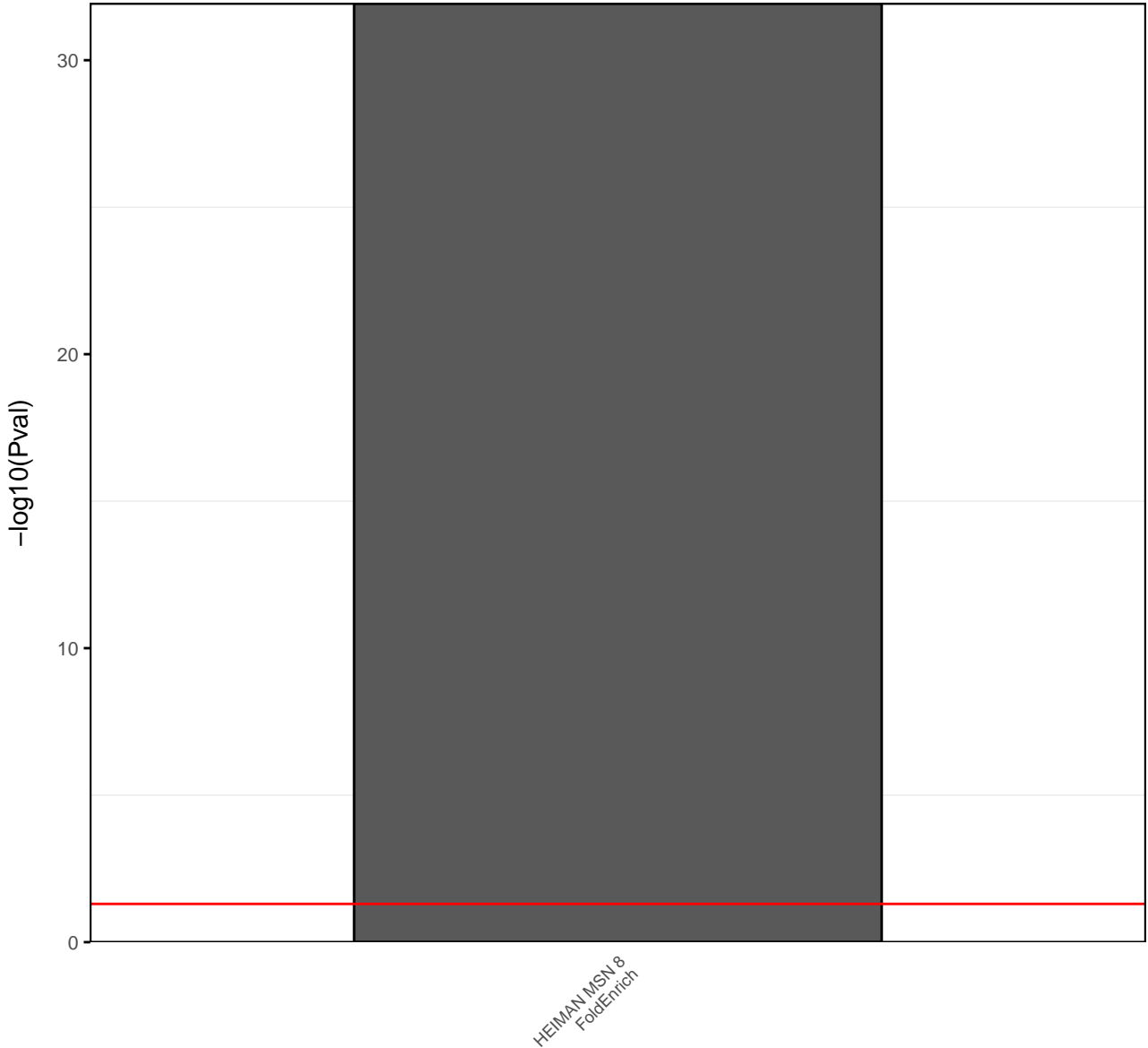


royalblue module
Top 100 by kME
Bicor-None_signum0.607_minSize15_merge_ME_0.85_18566

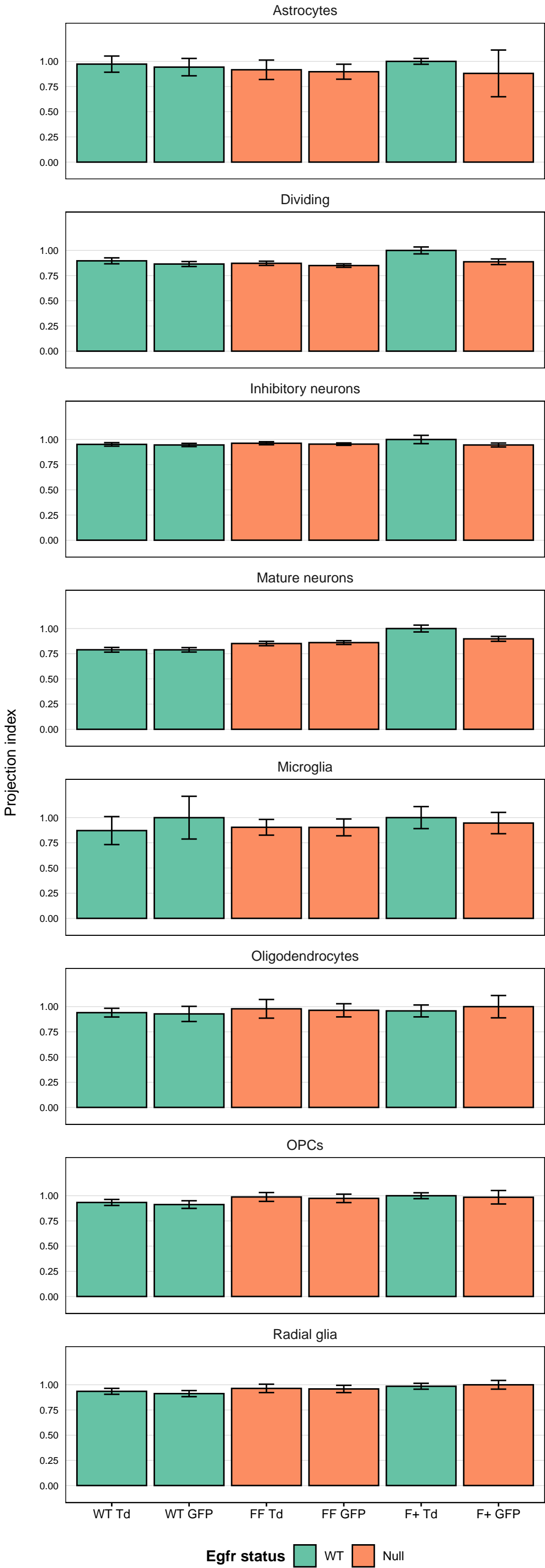


Top genes by kME

Rarb
Pde7b
Frem2
Pde10a
Ntn1
Ebf1
Dach1
1700025G04Rik
Vstm2b
Caln1
Foxp2
Meis1
Gm35188
Camk2n1
Rab27b
Rgs7bp
Gpr158
Zfp521
Ptprm
Galnt13

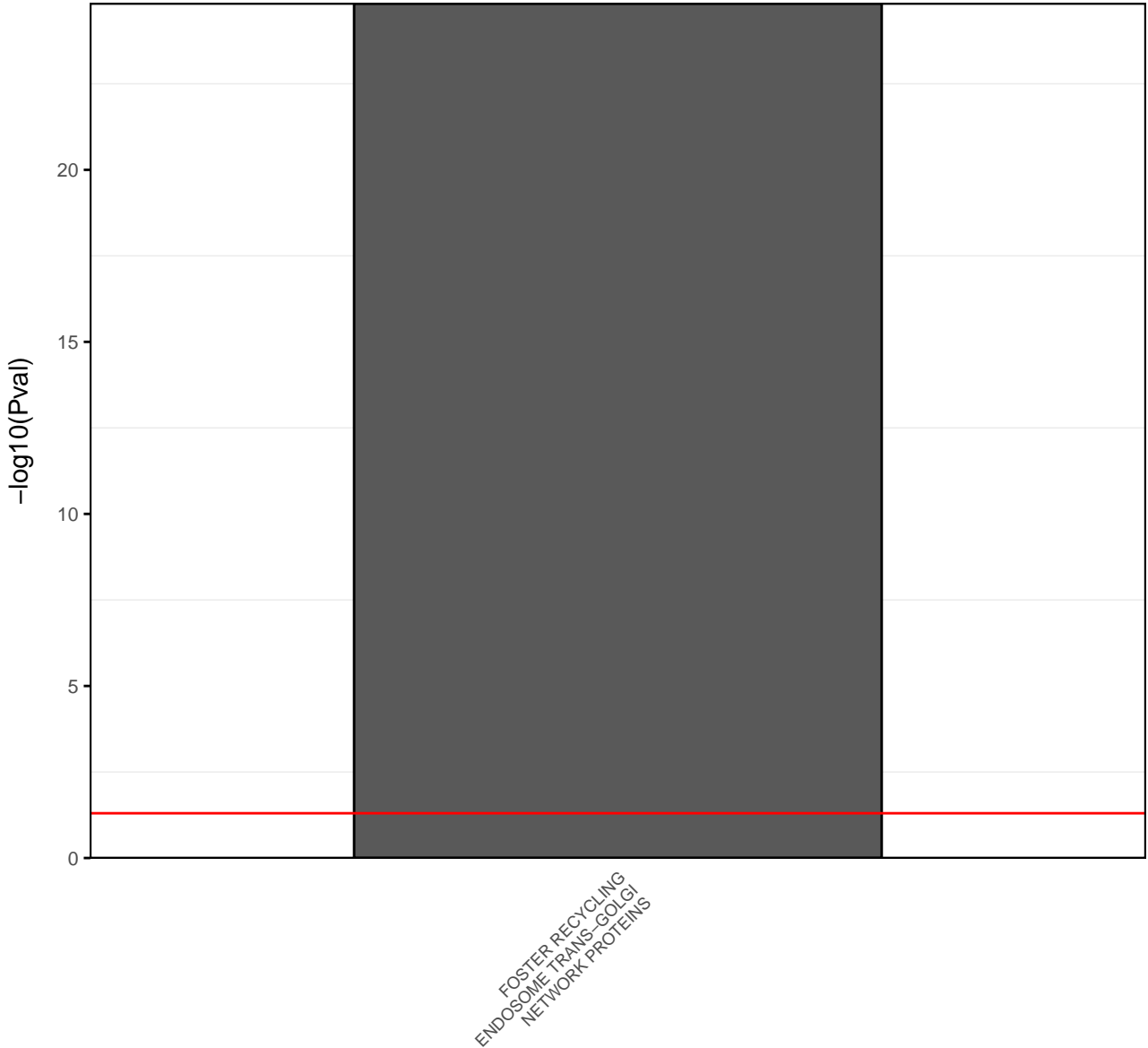


turquoise module
Top 100 by kME
Bicor-None_signum0.607_minSize15_merge_ME_0.85_18566

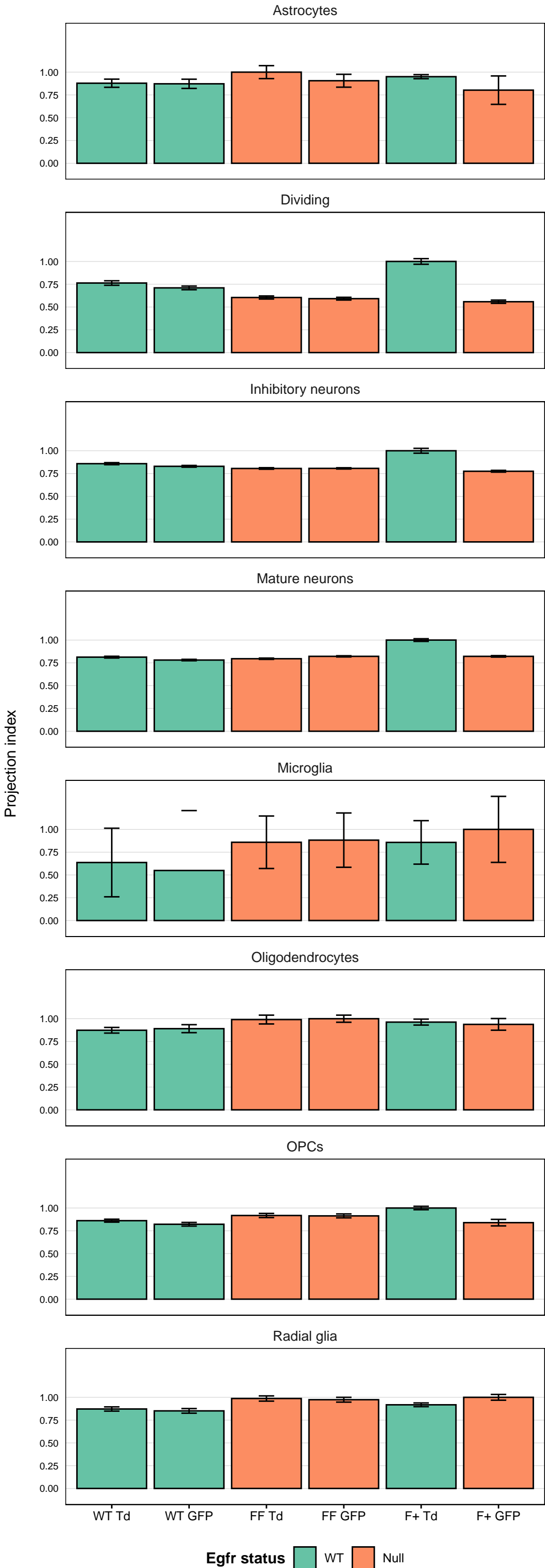


Top genes by kME

Gm47423
Gm29521
Fezf2
Sema6a
Plk1
Arc
2900079G21Rik
Arhgap11a
Nfia
1700016P03Rik
Fosb
Dlgap1
Egr3
Auts2
Grp
Incenp
Egr1
Nfix
Junb
Tmsb10

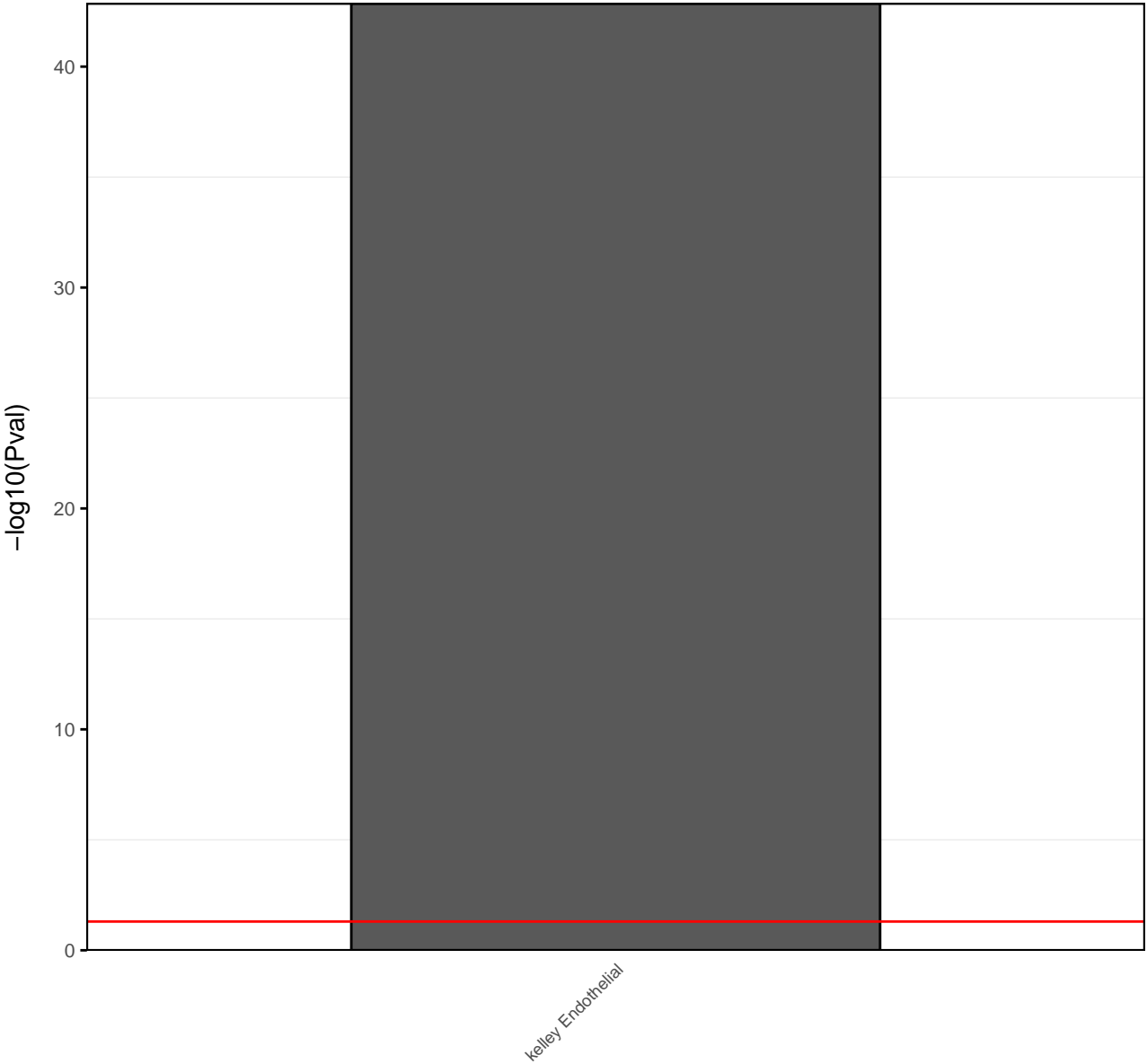


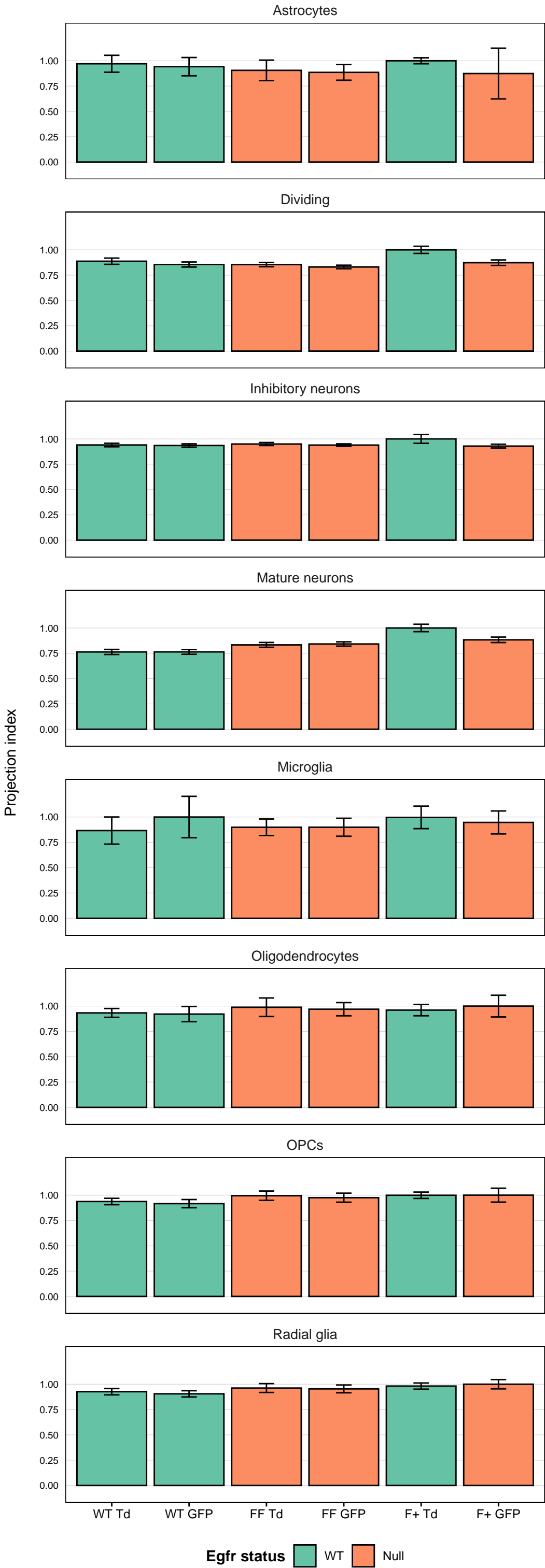
blue module
Top 100 by kME
Bicor-None_signum0.607_minSize15_merge_ME_0.85_18566



Top genes by kME

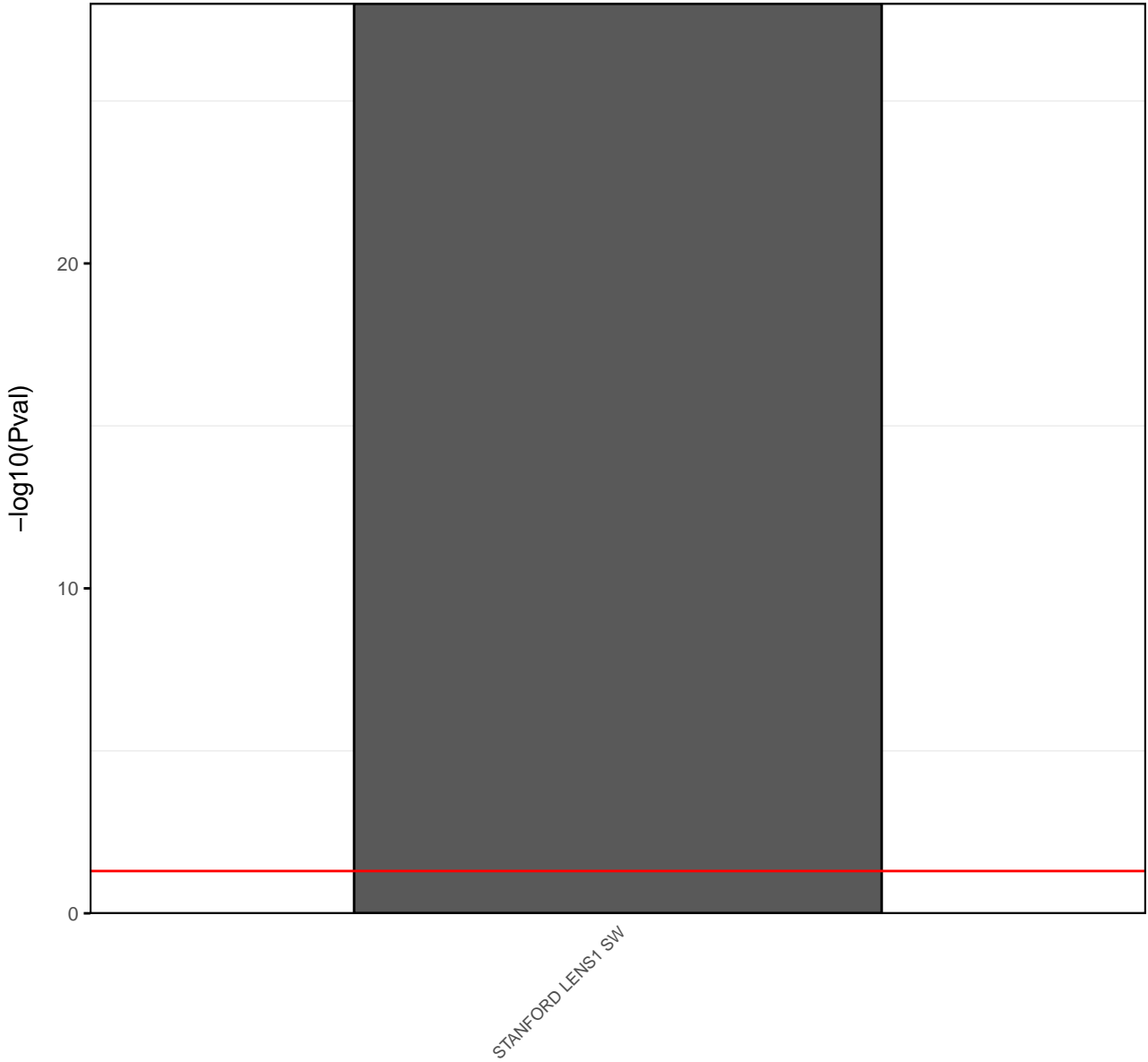
Gm20642
Zfp804b
Scn3a
Lyz2
Lgals3
A330093E20Rik
Scn1a
Dleu2
Lrmda
Ctss
Dach2
Fcer1g
Elavl2
Ptprd
Kcnq3
Rapgef5
Gm17750
Csmd3
Sat1
Hmgcll1





Top genes by kME

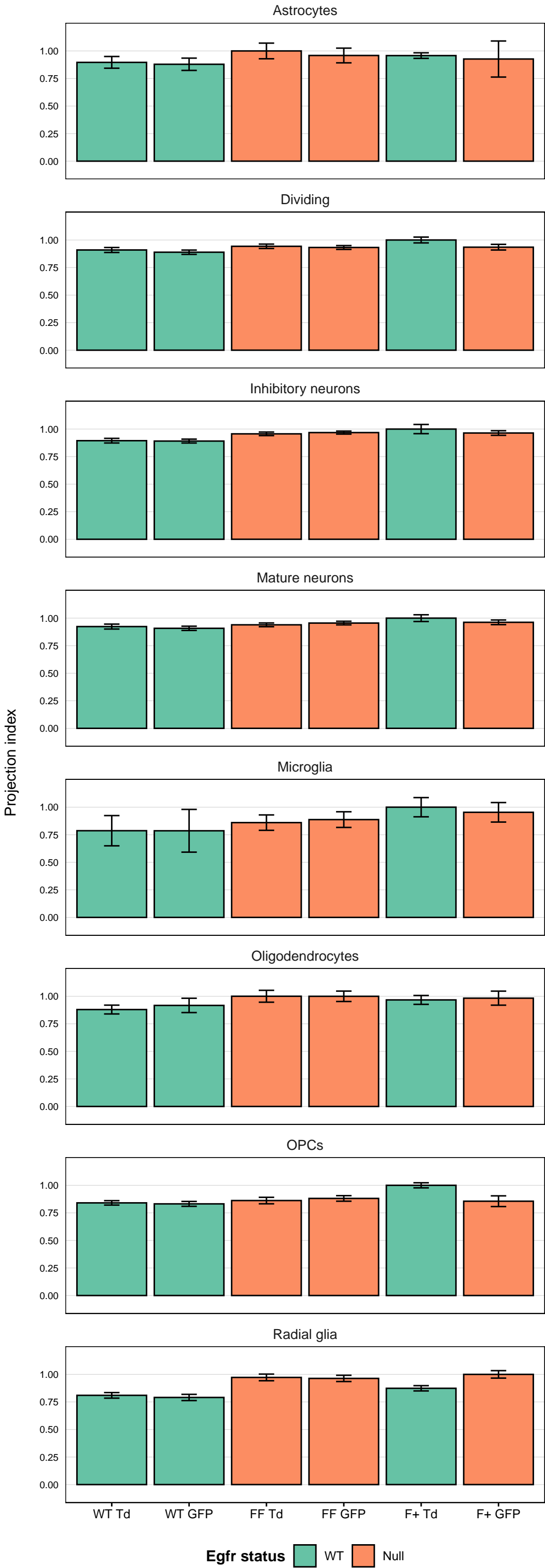
Tnr
Syt6
Grid2
Chrm2
Adamts18
Plcb4
Gnal
Bhlhe40
Meis2
Plch1
Klhl29
Ptpro
Fat3
Adgrl2
Pcdh15
Gm13974
Ano3
Sgcx
Spock1
Cobl



blue module

Top 100 by kME

Bicor-None_signum0.643_minSize15_merge_ME_0.85_18566



Top genes by kME

Mpped2

Grm3

Kcnt2

Adcy2

Prickle1

Peli2

Enc1

Grm8

Tiam2

Tmem196

Gucy1b1

Cdh10

Frmpd4

Garnl3

Fut9

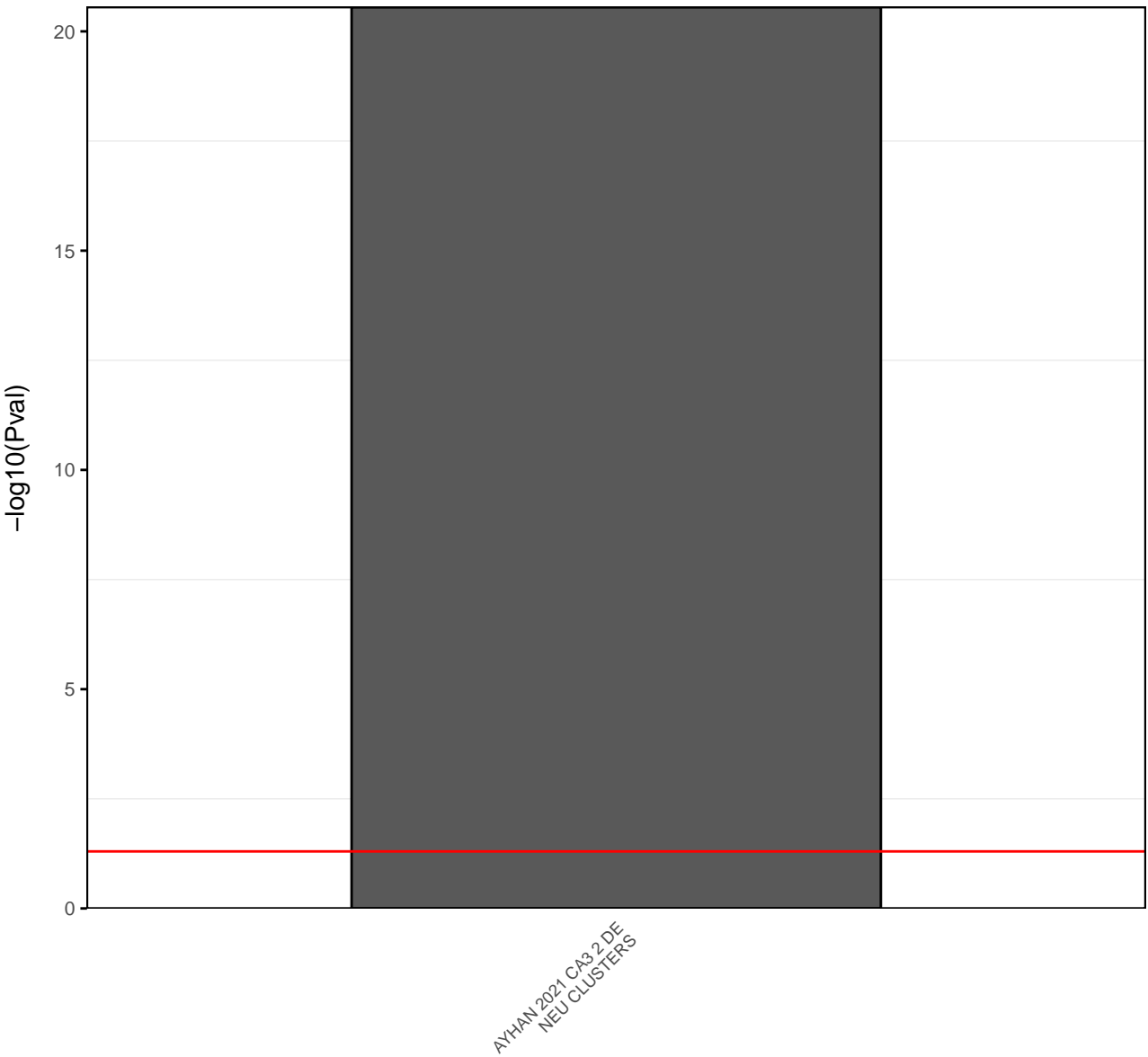
Sorl1

Mpped1

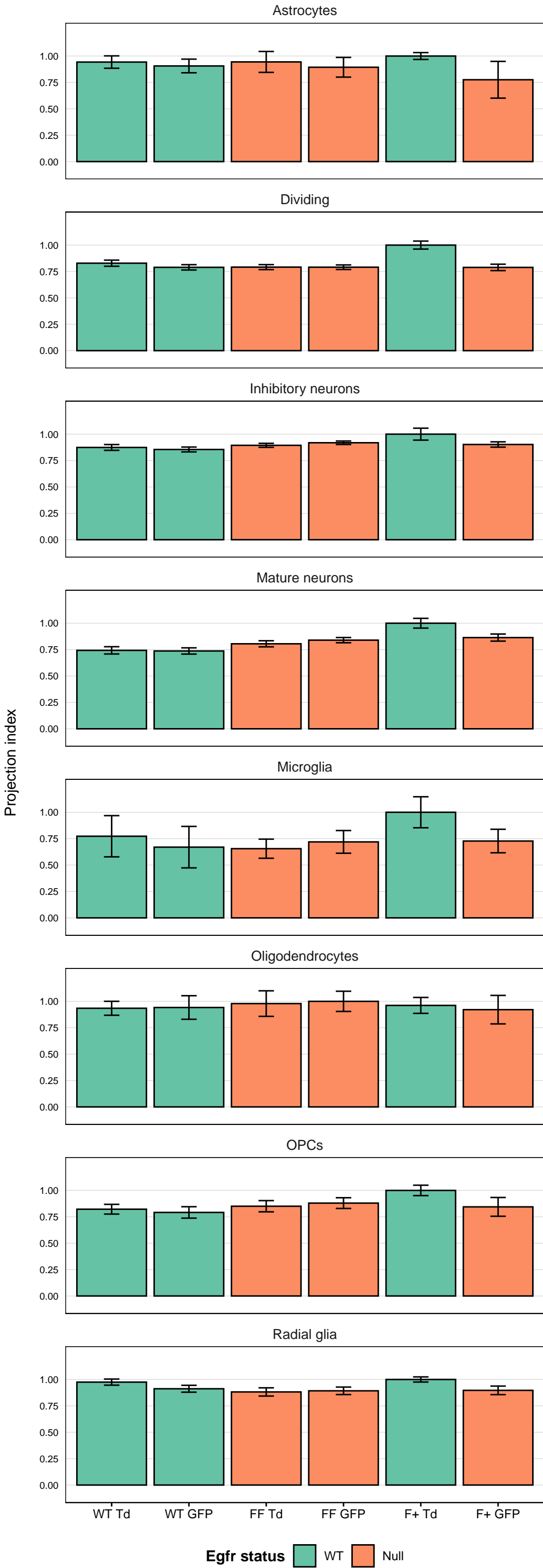
Lypd6

Syndig1

Csrnp3

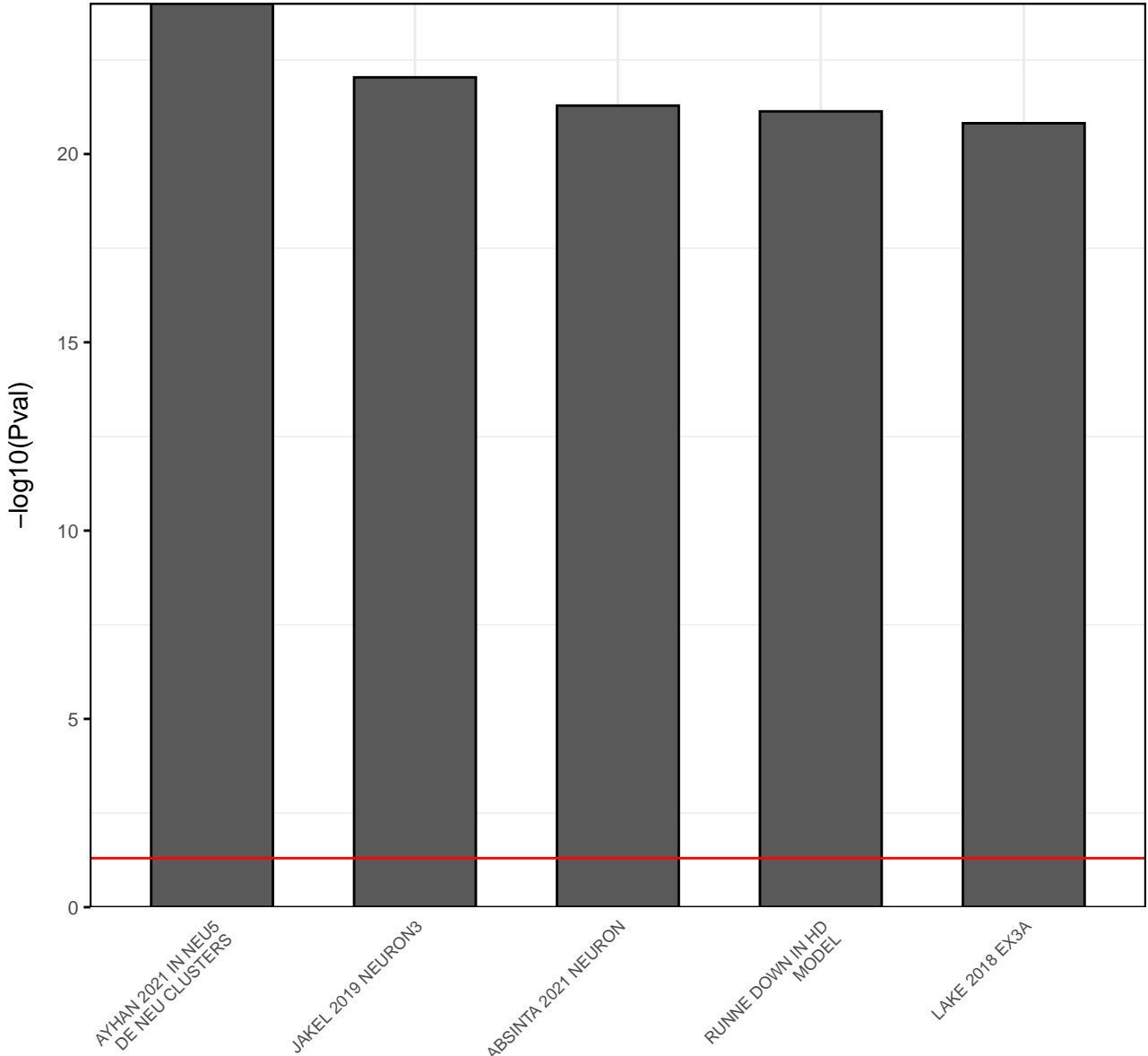


lightcyan module
Top 100 by kME
Bicor-None_signum0.69_minSize20_merge_ME_0.85_18566

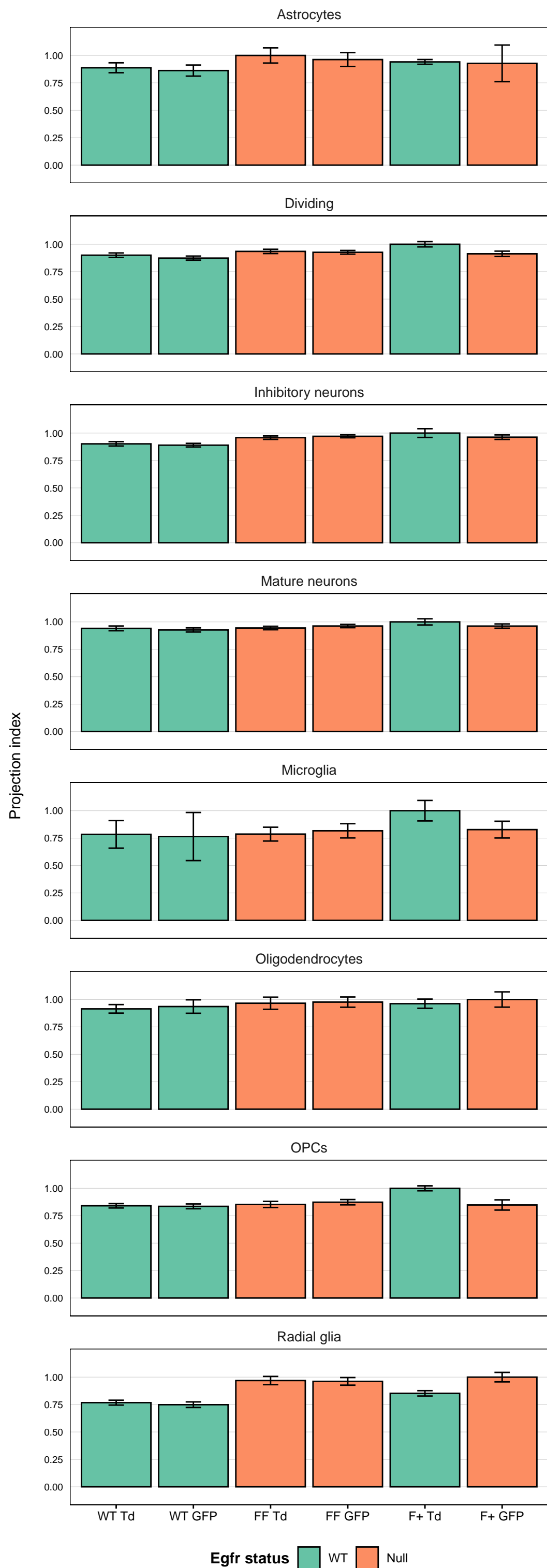


Top genes by kME

Cadm2
Kcnh1
Fhod3
Sorcs1
Pdzd2
Tspan5
Ldlrad4
Klh1
Frmpd4
Kcnh5
Rgs6
Lhfp
Ptpk
Rorb
Tmtc1
Adgrl2
Ablim1
Klh29
Carmil1
Gucy1b1

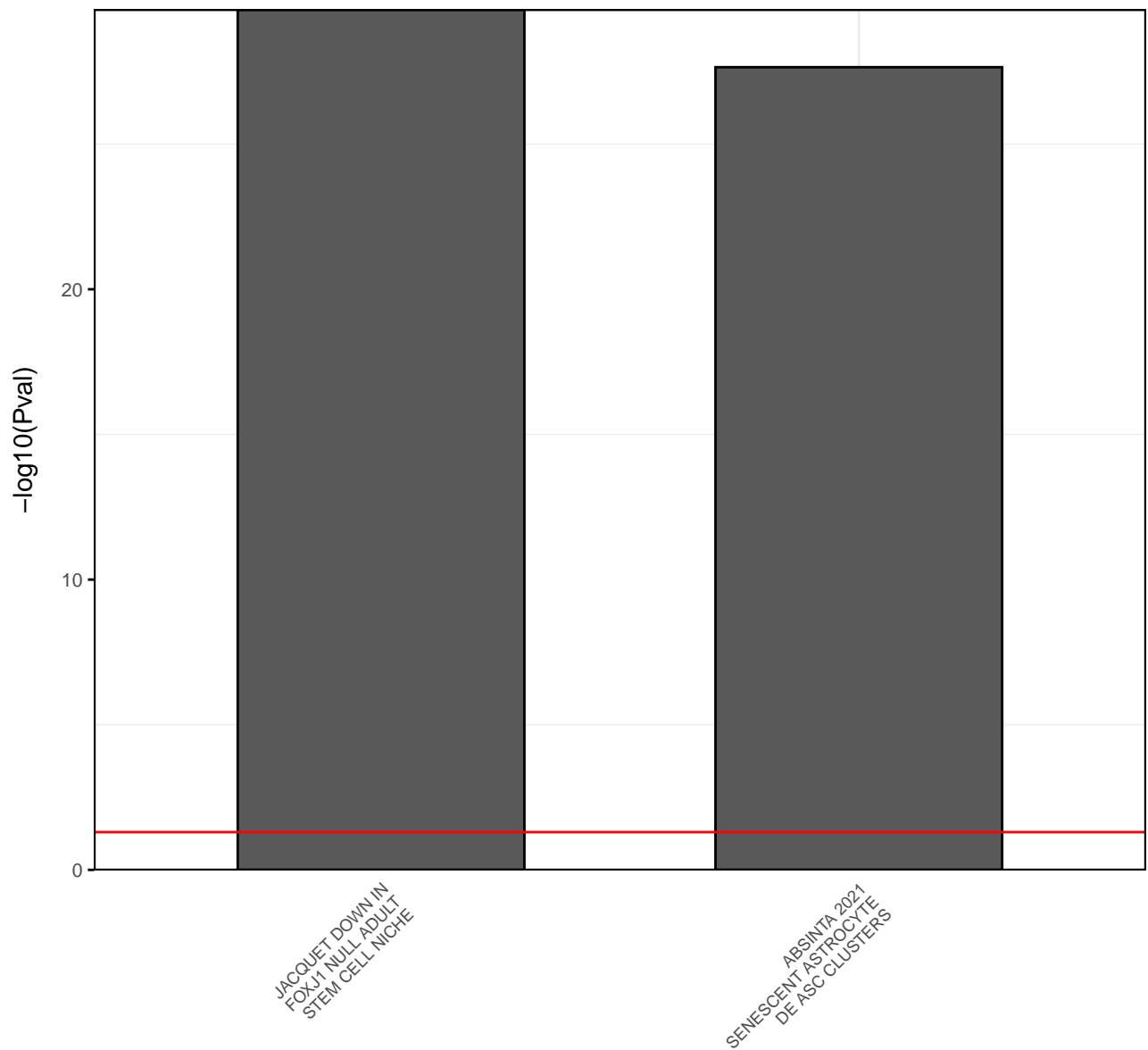


purple module
Top 100 by kME
Bicor-None_signum0.69_minSize20_merge_ME_0.85_18566



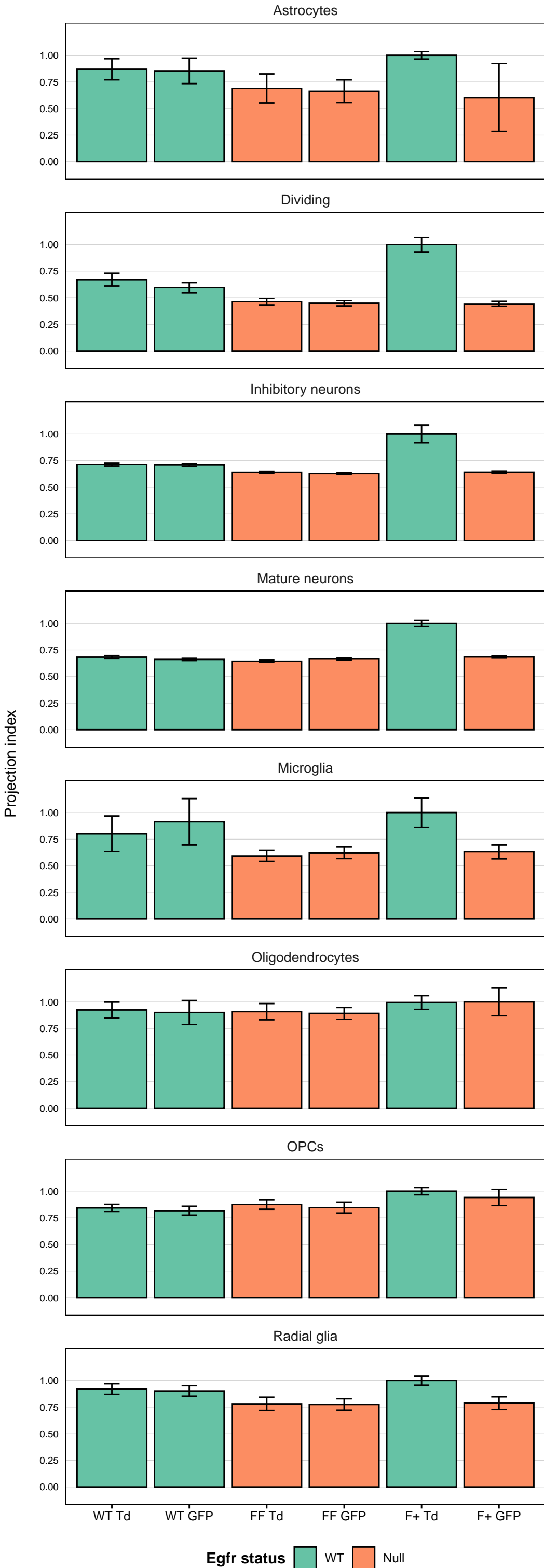
Top genes by kME

Rerg
Gria1
Capsl
Cachd1
Nrp1
Calb2
Dnah9
Lhx9
St6galnac5
Nrp2
Pcdh8
Thsd7b
Hopx
Ecrq4
Pam
Islr2
Slc44a5
Fgfr1
Gfap
Nr3c2



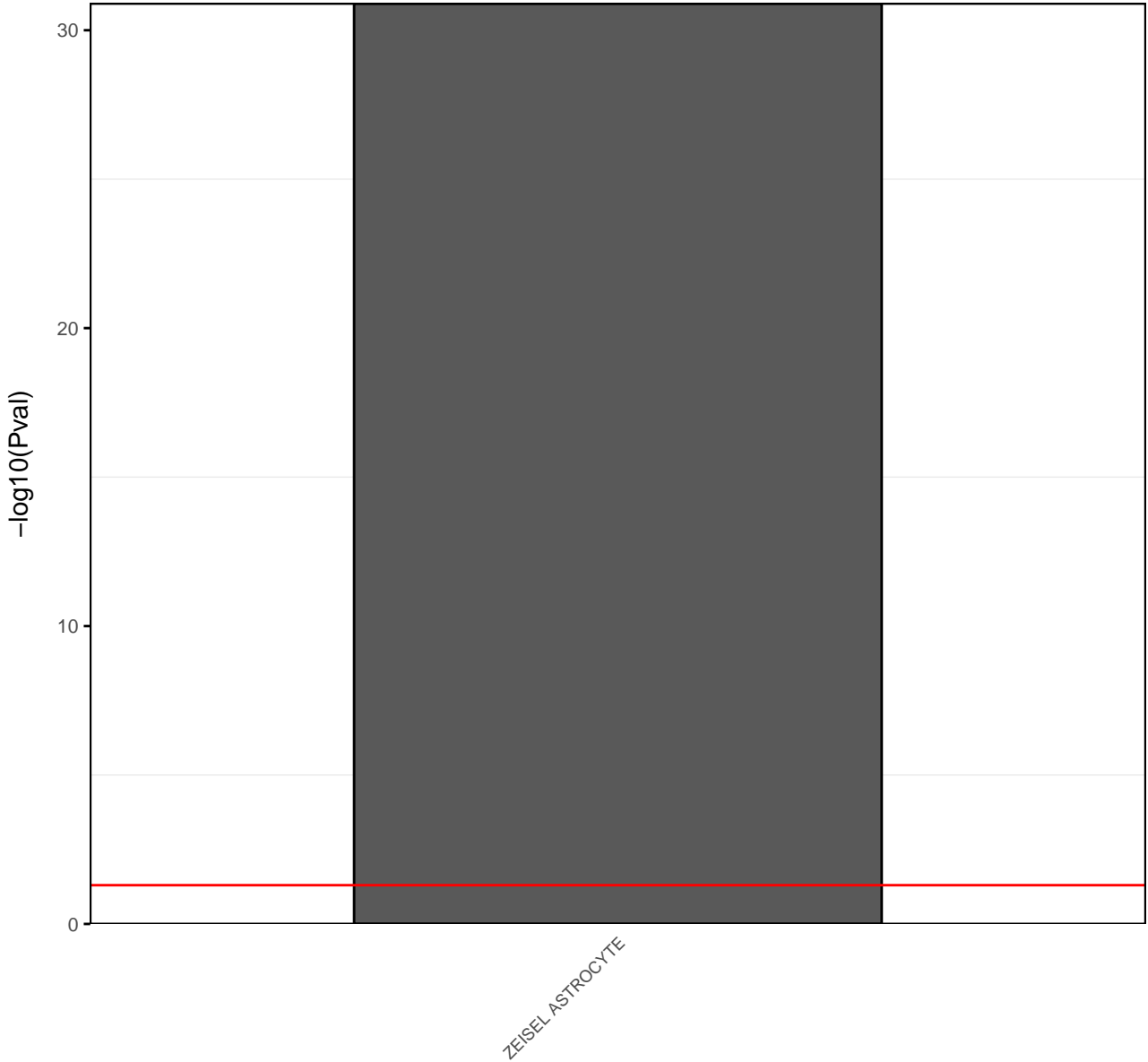
tan module
Top 100 by kME

Bicor-None_signum0.69_minSize20_merge_ME_0.85_18566

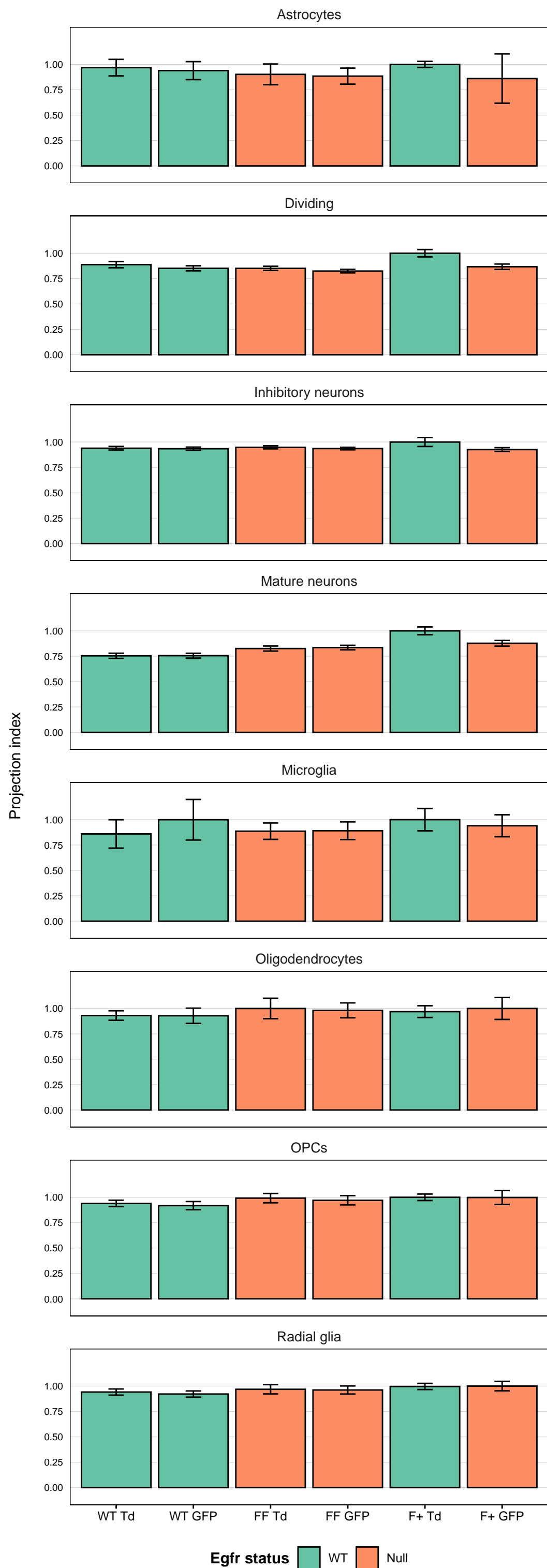


Top genes by kME

Scd1
Slc7a10
Aldh1l1
Cnp
Sox8
AW047730
Gpr37l1
Acsbg1
Olig1
S100a16
Slc6a11
Timp4
Tmem100
Rlbp1
Htra1
Glud1
Bcan
Sema5b
Mbp
Serpine2

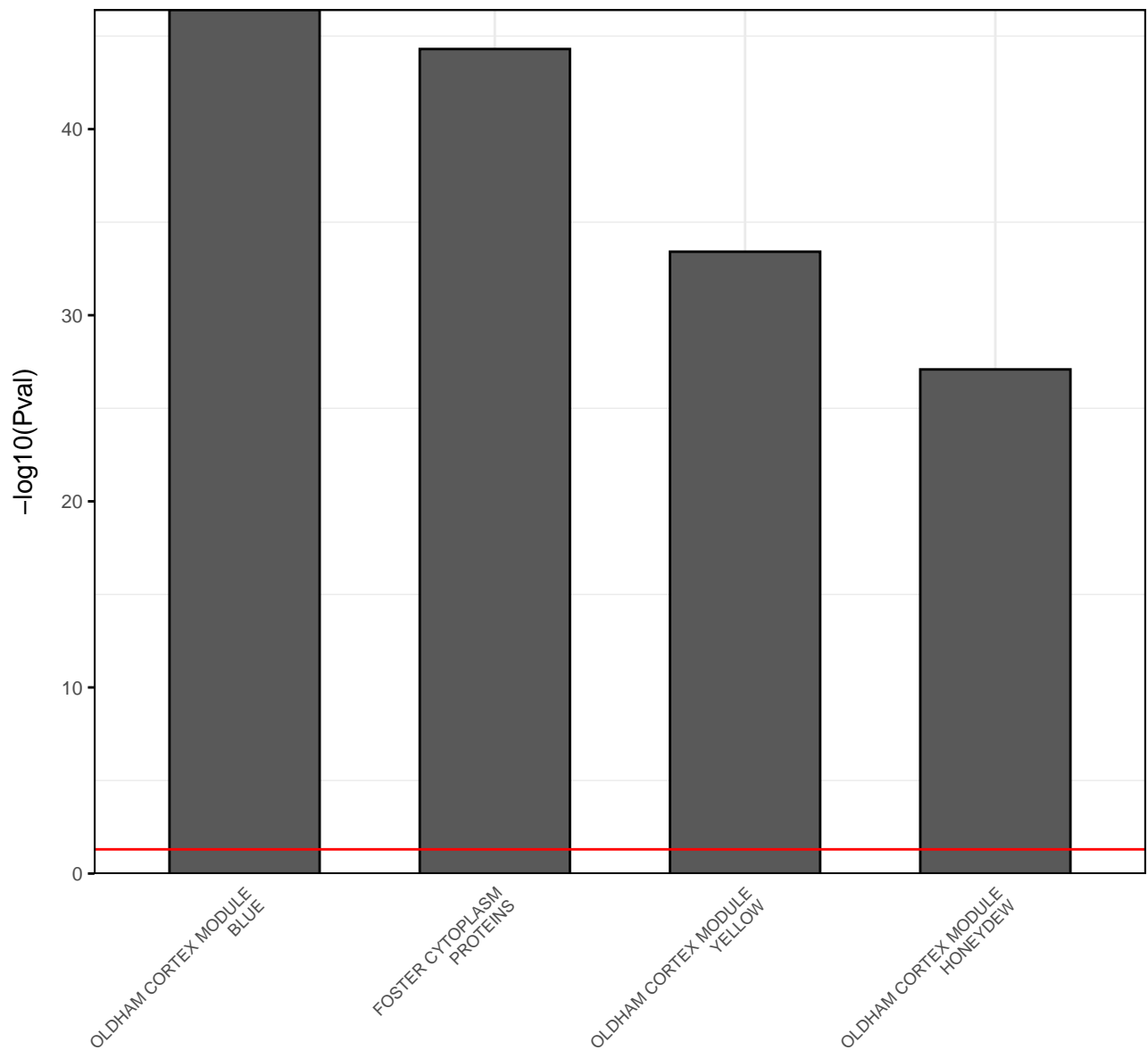


turquoise module
Top 100 by kME
Bicor-None_signum0.69_minSize20_merge_ME_0.85_18566

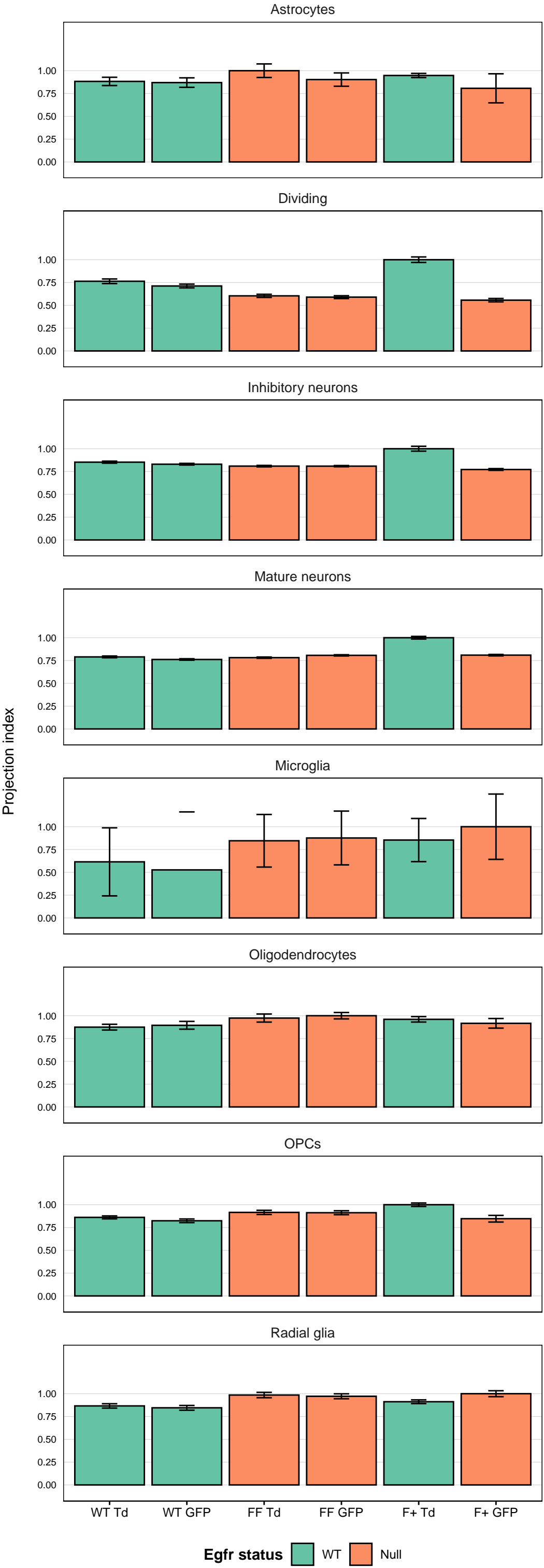


Top genes by kME

Dut
Ldha
Selenoh
Cadps
Oat
Adcy8
Grid1
Eda
Ctnna2
C1qtnf4
Nell2
Uchl1
Hspa5
Actr3b
Mpzl1
Tubb2b
Gabrg2
Tafa1
Brip1os
Svop

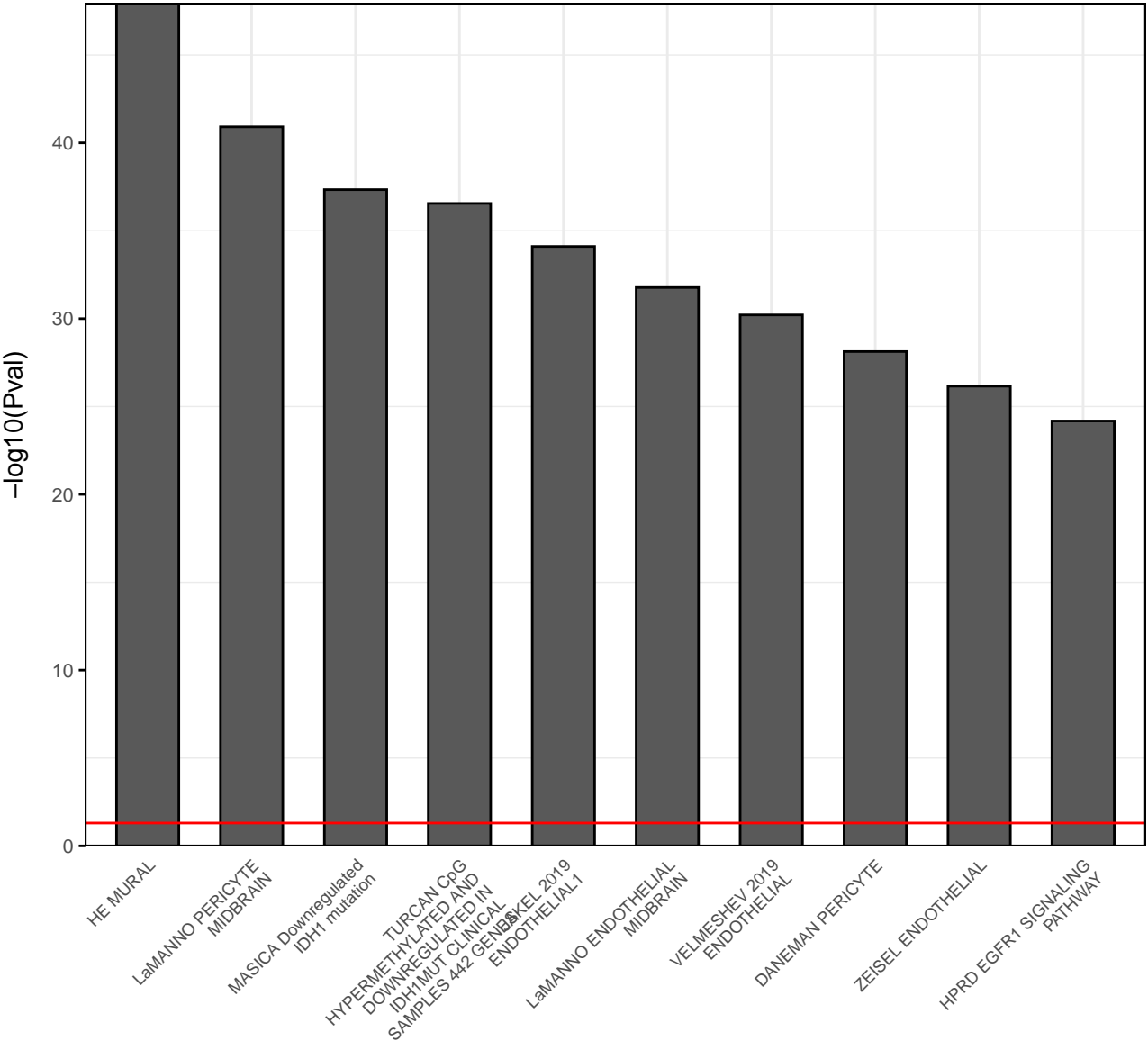


yellow module
Top 100 by kME
Bicor=None_signum0.69_minSize20_merge_ME_0.85_18566

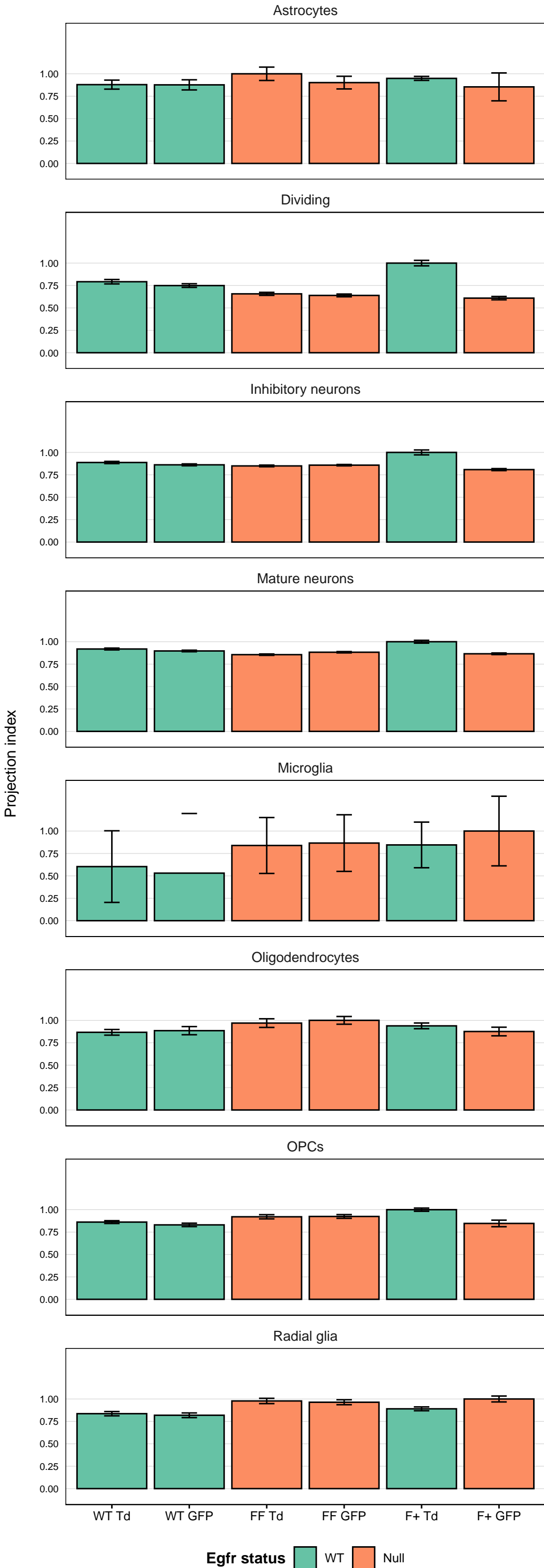


Top genes by kME

Gm20642
Zfp804b
Scn3a
Lyz2
Lgals3
A330093E20Rik
Scn1a
Dleu2
Lrmda
Ctss
Dach2
Fcer1g
Elavl2
Ptprd
Kcnq3
Rapgef5
Gm17750
Csmd3
Sat1
Hmgcl1

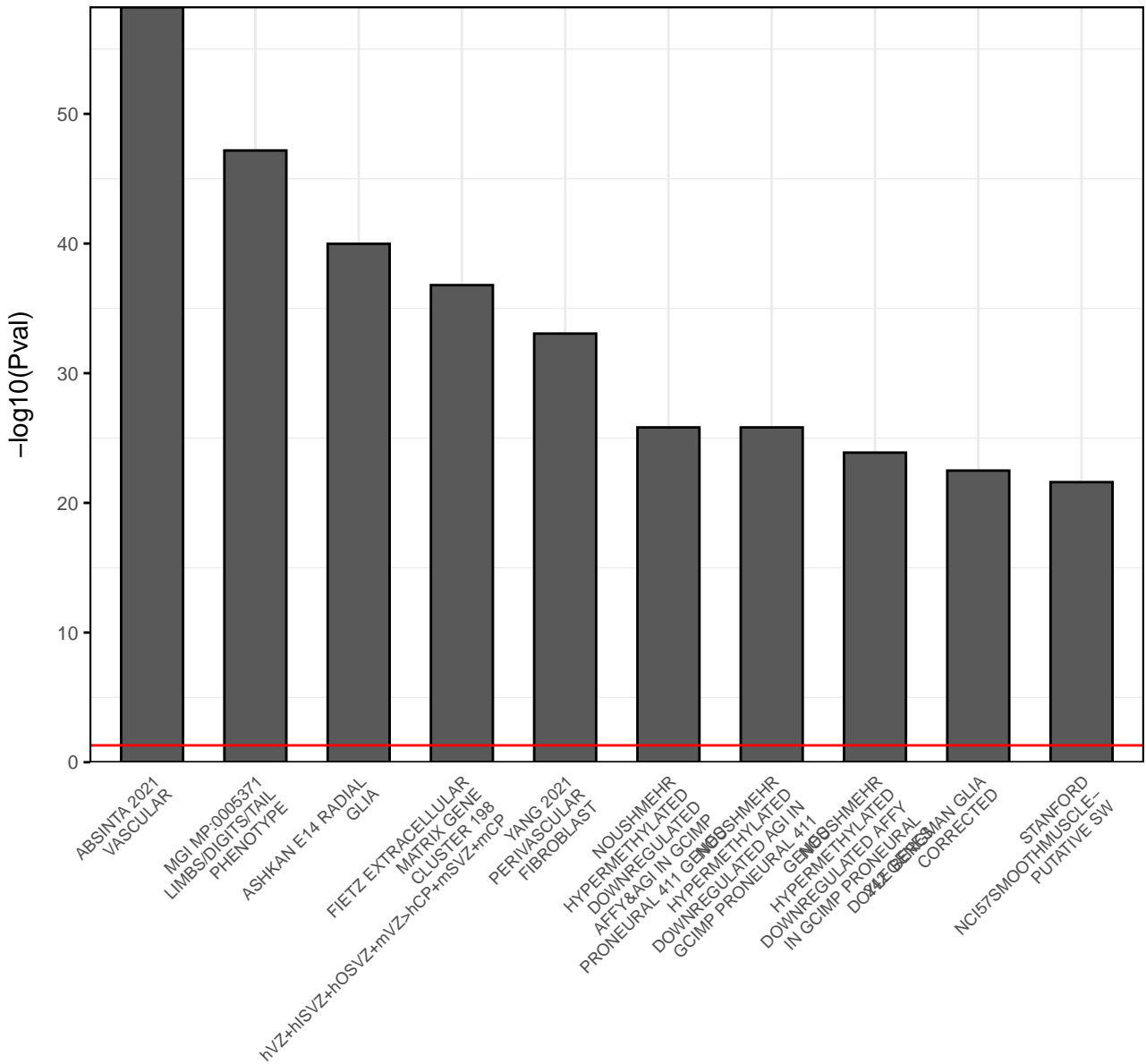


magenta module
Top 100 by kME
Bicor=None_signum0.757_minSize20_merge_ME_0.85_18566

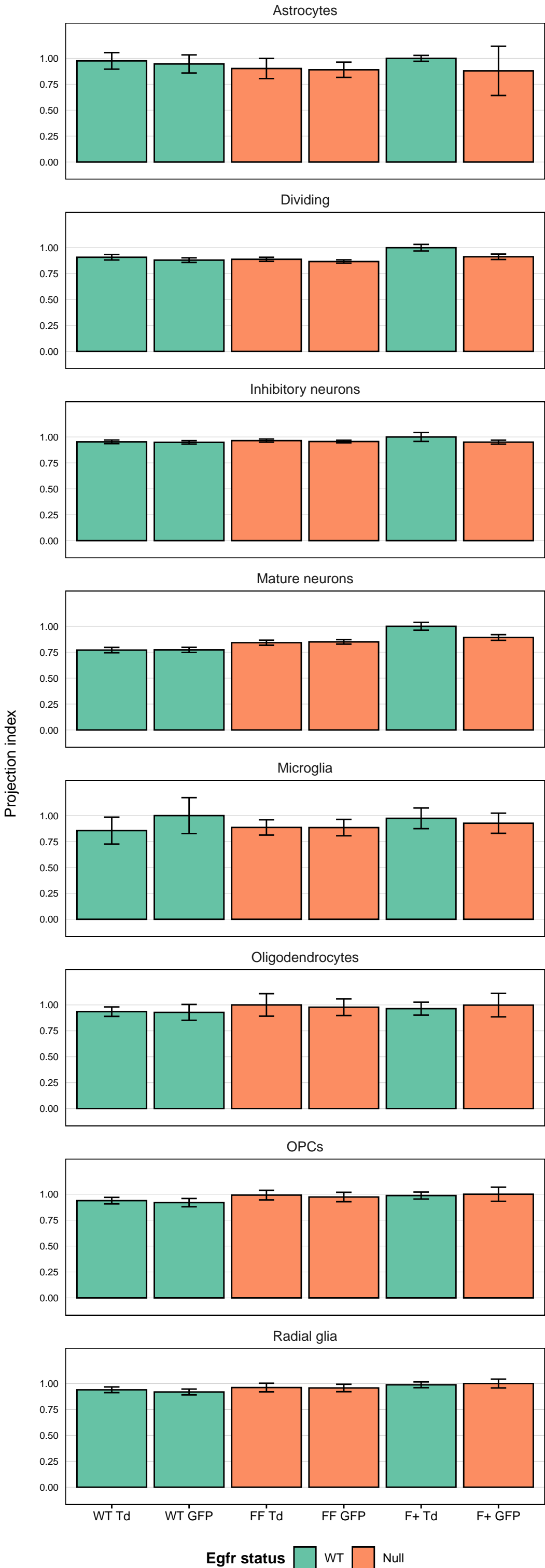


Top genes by kME

Gpc3
Eya2
Notch2
Islr
Adamts9
Tanc1
Ano6
Ildr2
Rbp1
Fstl1
Ror1
Lpar1
Adam12
Slc7a11
Dab2
Adamtsl3
Bmp6
Pmp22
Btg2
Igfb

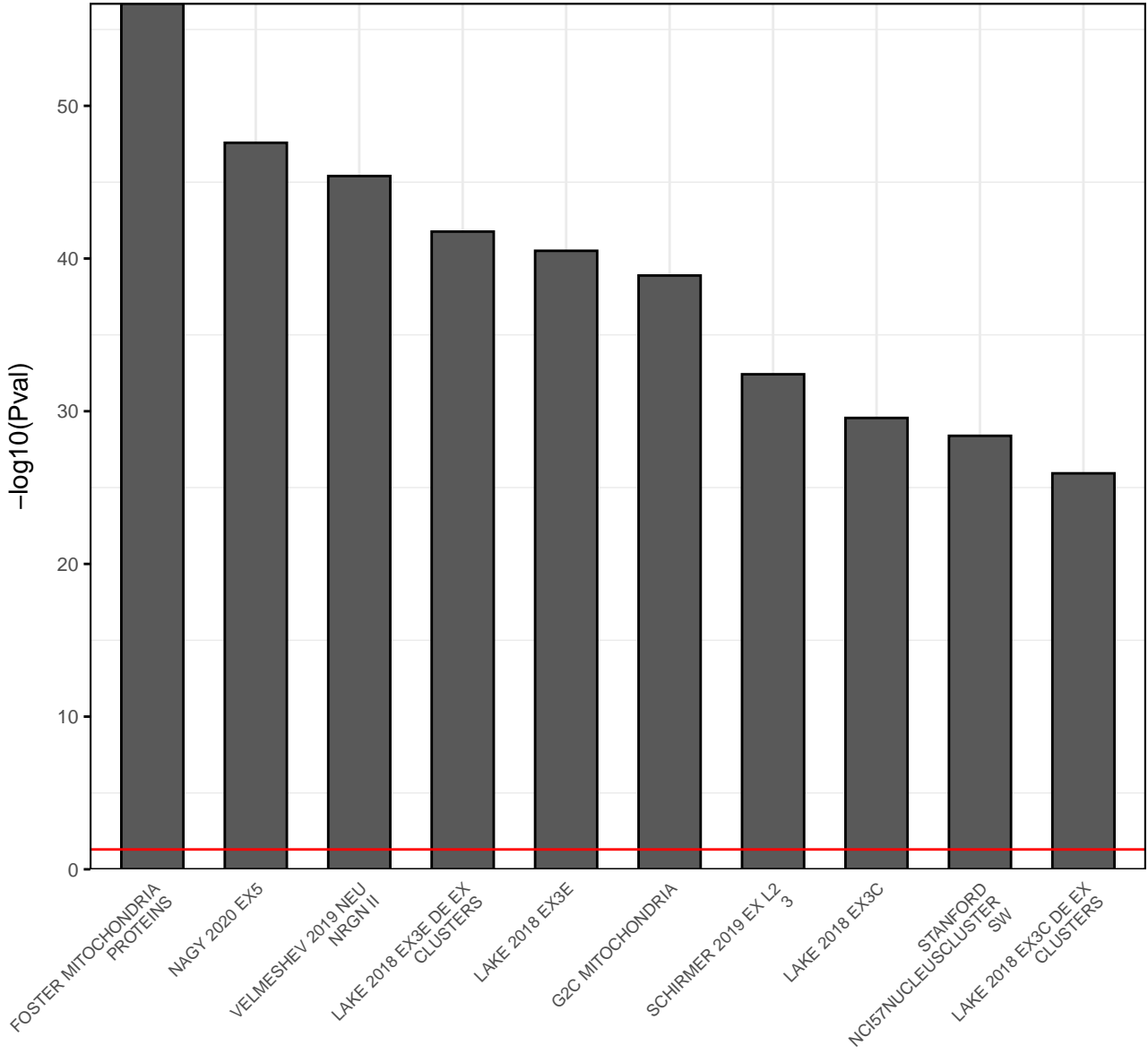


turquoise module
Top 100 by kME
Bicor-None_signum0.757_minSize20_merge_ME_0.85_18566

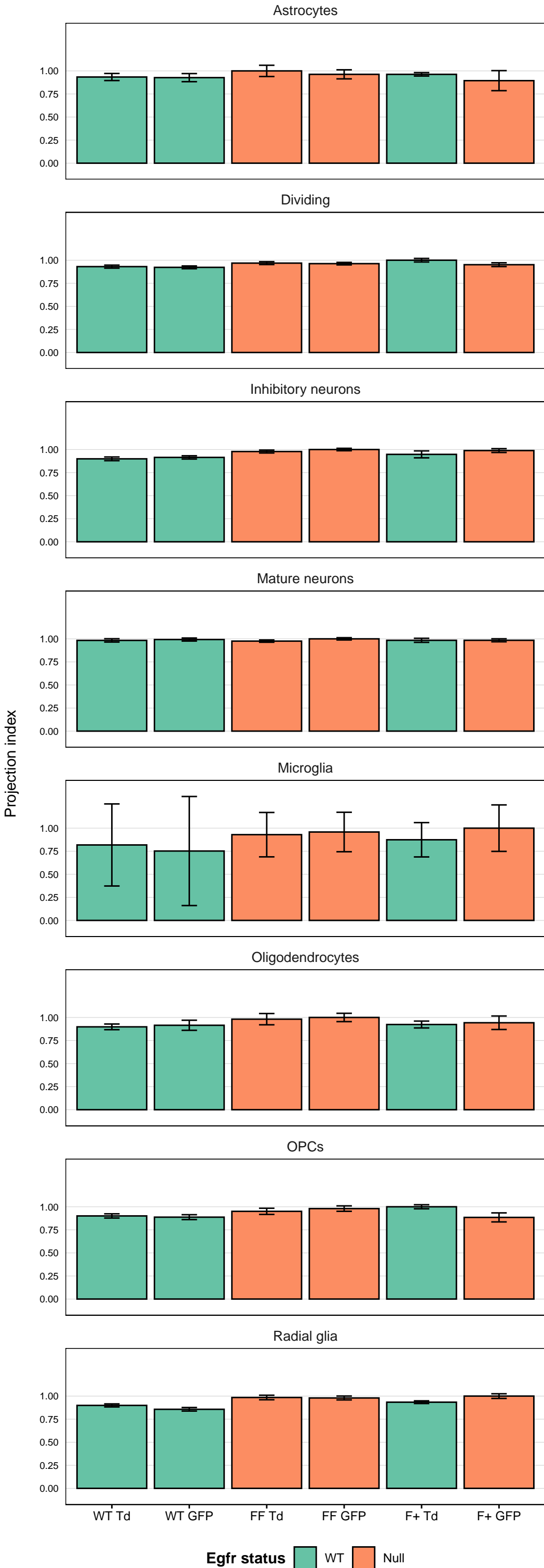


Top genes by kME

Dut
Selenoh
Ldha
Adcy8
Lrrtm4
Cadps
C1qtnf4
Uchl1
Eda
Hspa5
Oat
Grid1
Psap
Ctnna2
Tubb2b
Tafa1
Gabrg2
Raly1
Actl6b
Nell2

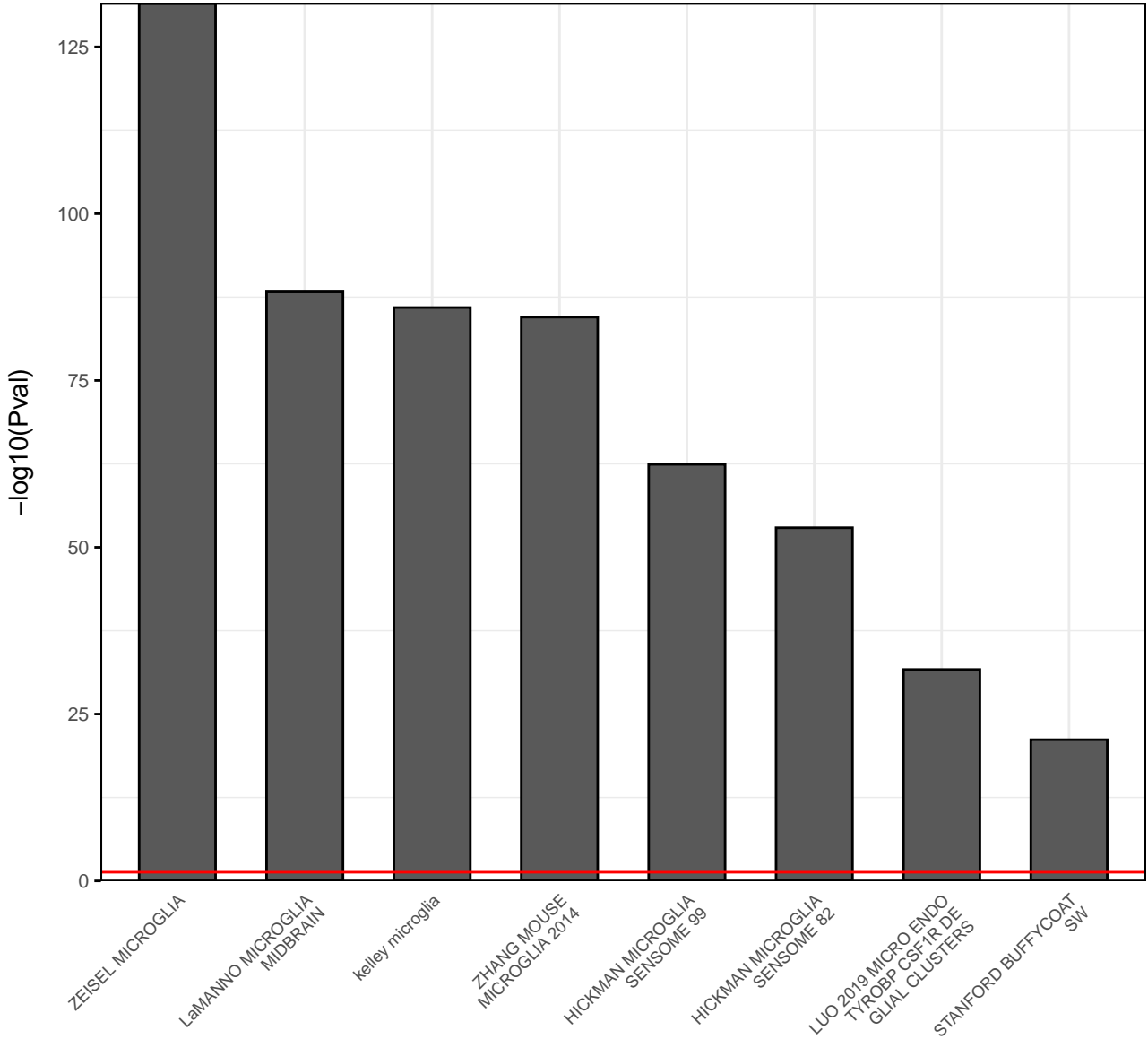


cyan module
Top 100 by kME
Bicor=None_signum0.757_minSize20_merge_ME_0.85_18566

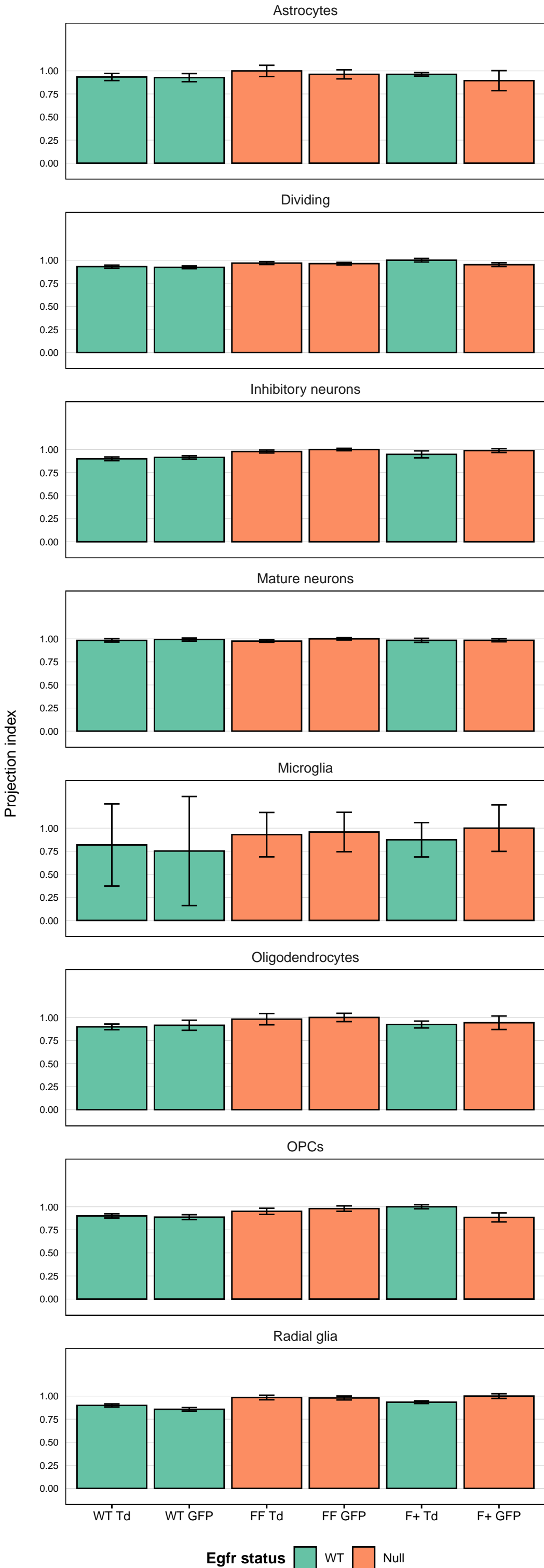


Top genes by kME

C1qb
Ctss
Adgre1
Cyba
Dock2
Aif1
Fyb
Cx3cr1
Lyz2
Fcer1g
Lgmn
Dach2
A230057D06Rik
Laptm5
Spi1
Nfkbiz
Erbp4
Lrmda
Ly86
Ctsz

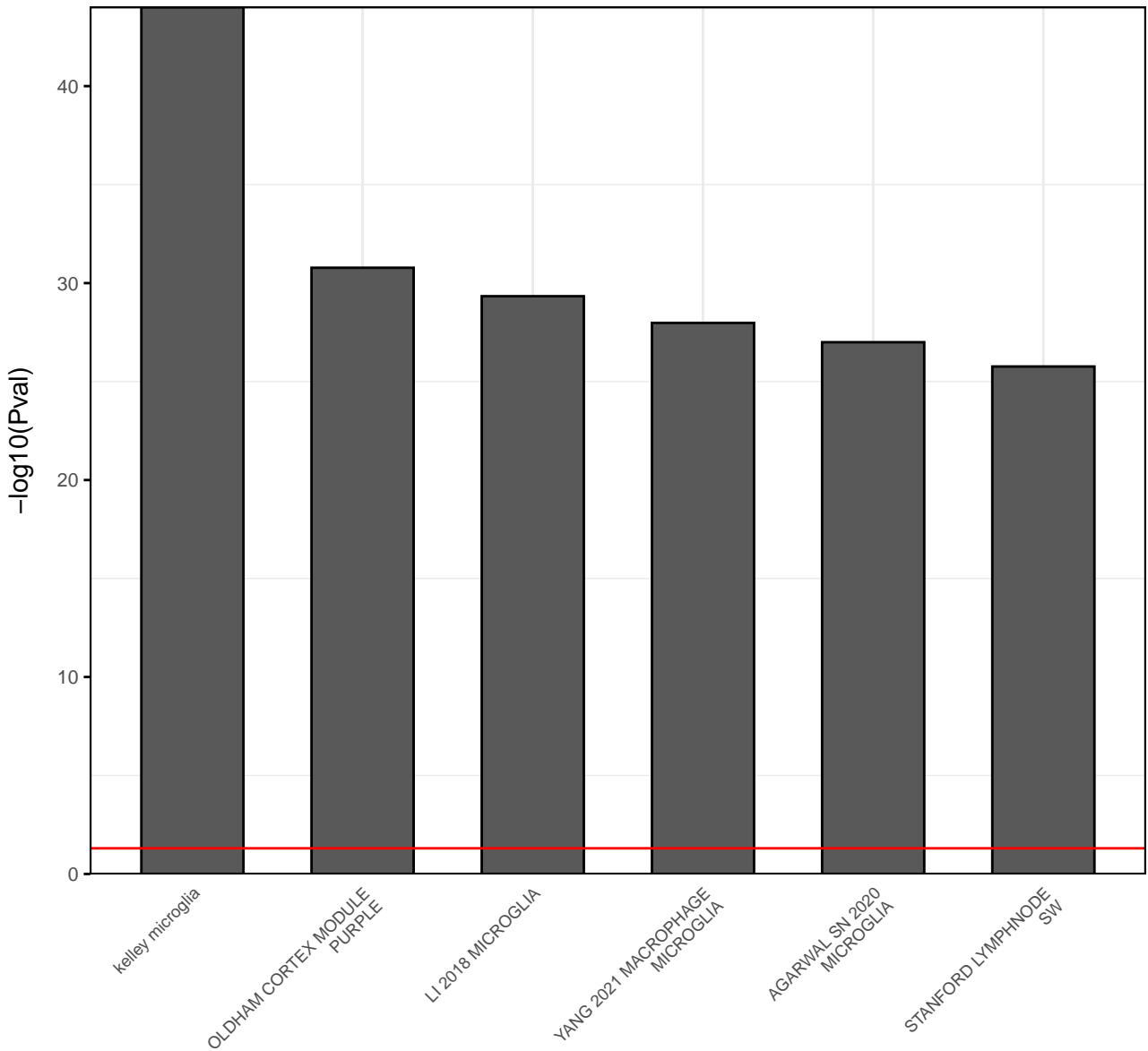


cyan module
Top 100 by kME
Bicor-None_signum0.757_minSize15_merge_ME_0.85_18566



Top genes by kME

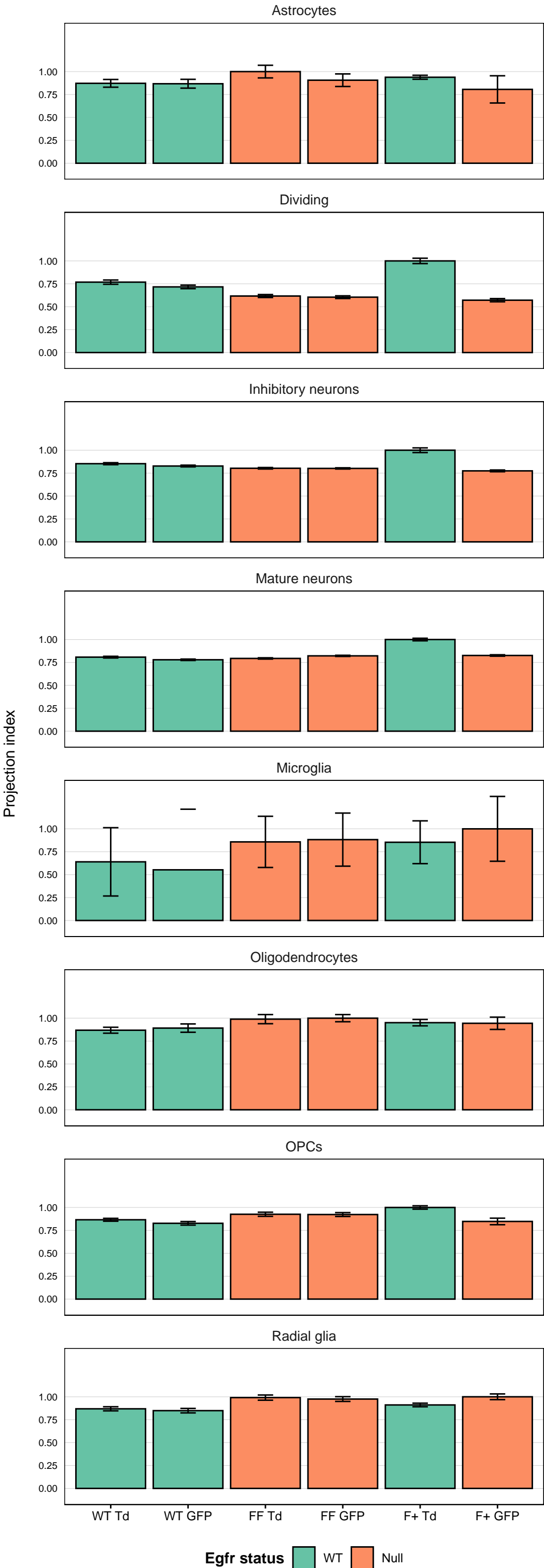
Mdga1
Ccdc136
Tagln
Gramd1b
Arl4a
Lmnb1
Rai2
4930544I03Rik
Tmem232
Nectin3
Id2
Emx1
Lig1
Emp1
Dnajc9
Cntn5
Mcm6
Gm9750
Gmds
Aig1



yellow module

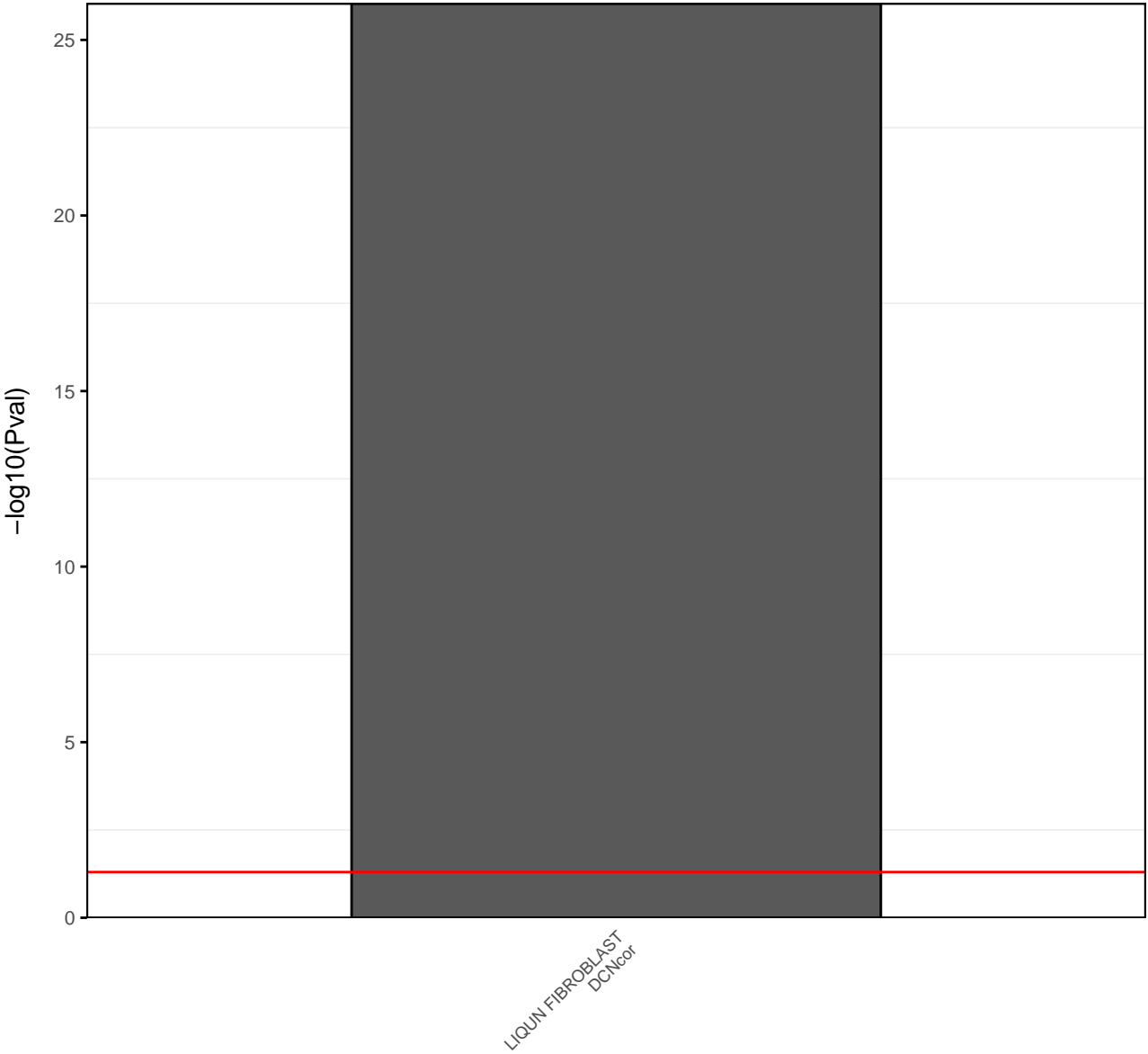
Top 100 by kME

Bicor-None_signum0.757_minSize15_merge_ME_0.85_18566



Top genes by kME

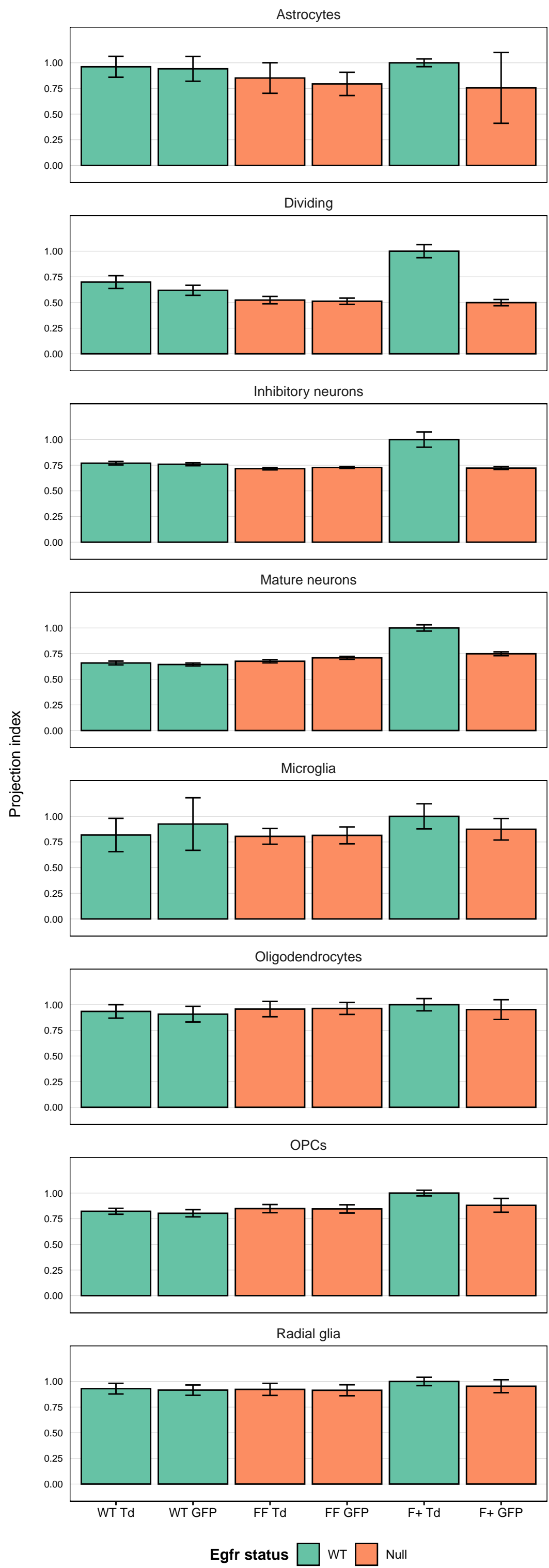
Rlbp1
Gpr37l1
Olig1
Mfsd2a
Slc6a11
Acsbg1
Mfhas1
Snap91
Abtb2
Rgcc
Aldh1l1
Arhgef4
Map3k5
Tubb3
Mcu
Cspg5
Emid1
Cnp
Slc7a10
Tst



grey60 module

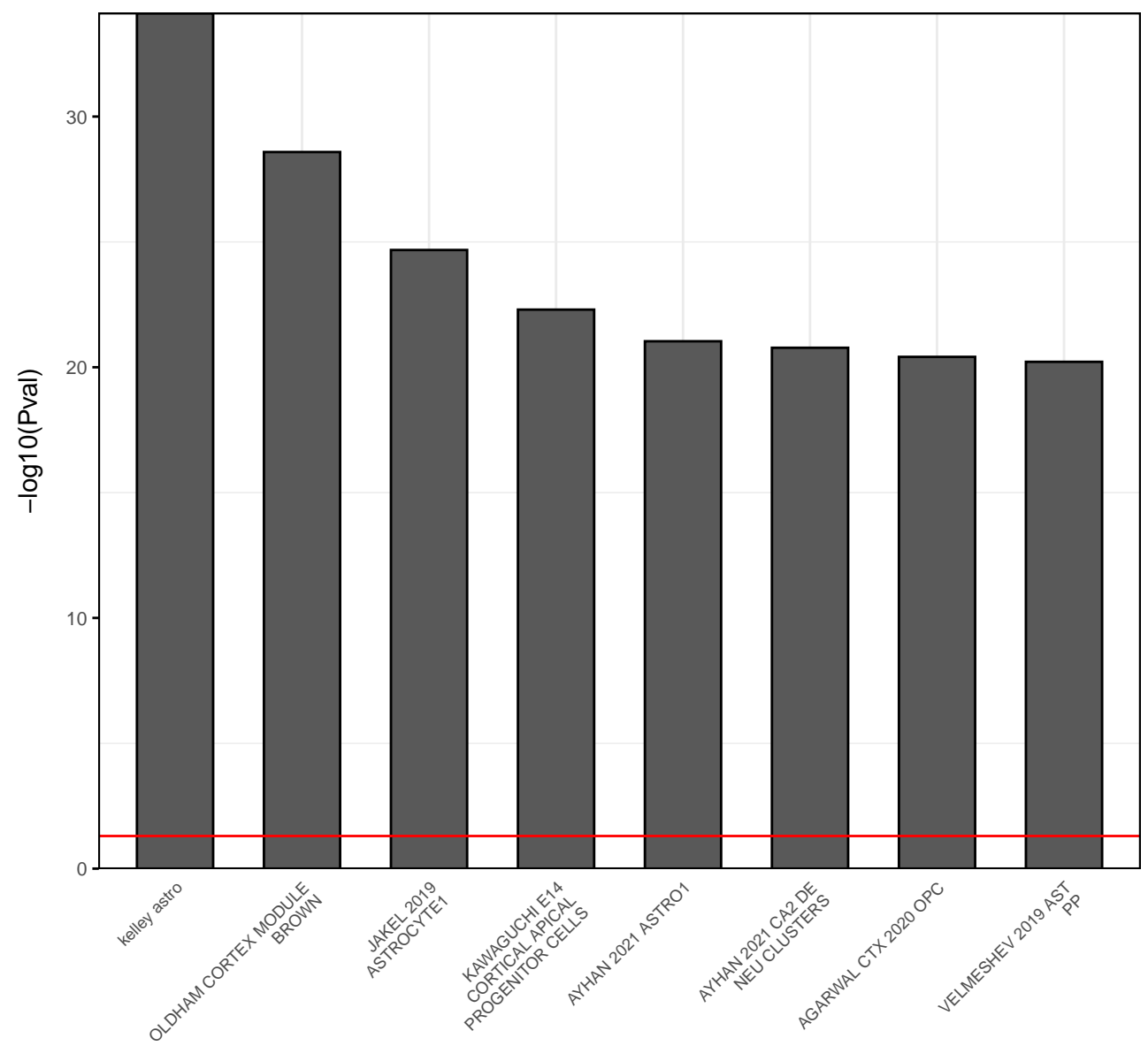
Top 100 by kME

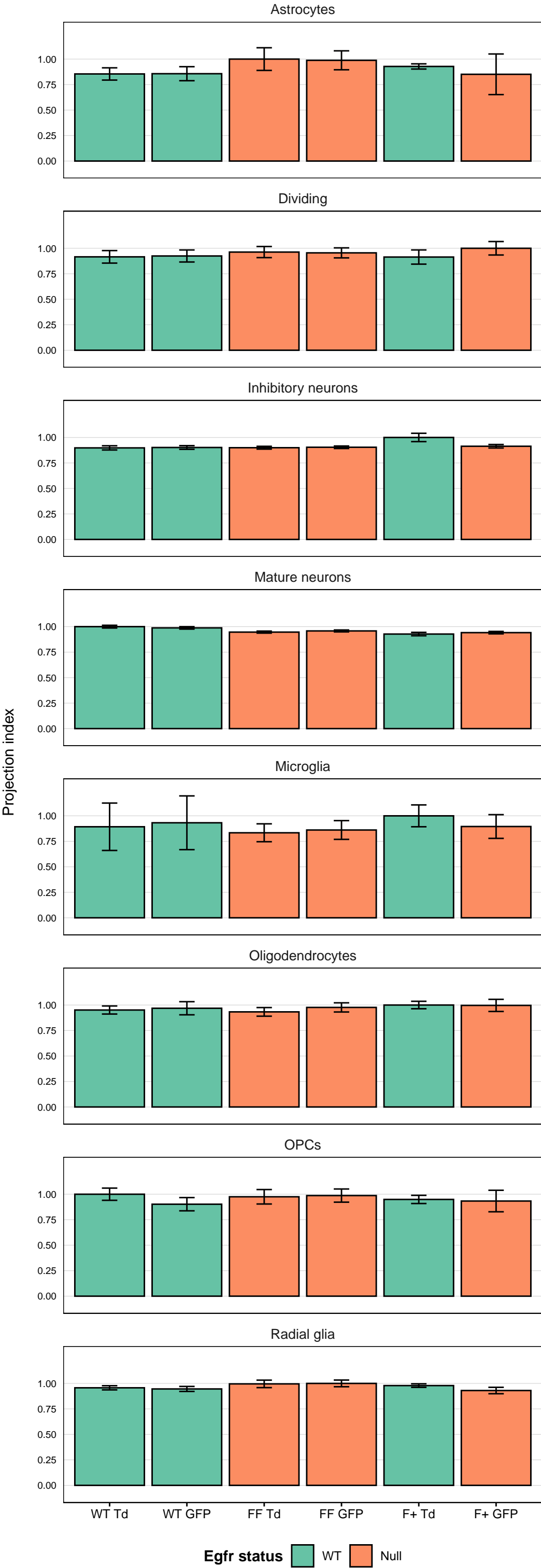
Bicor-None_signum0.508_minSize20_merge_ME_0.85_18566



Top genes by kME

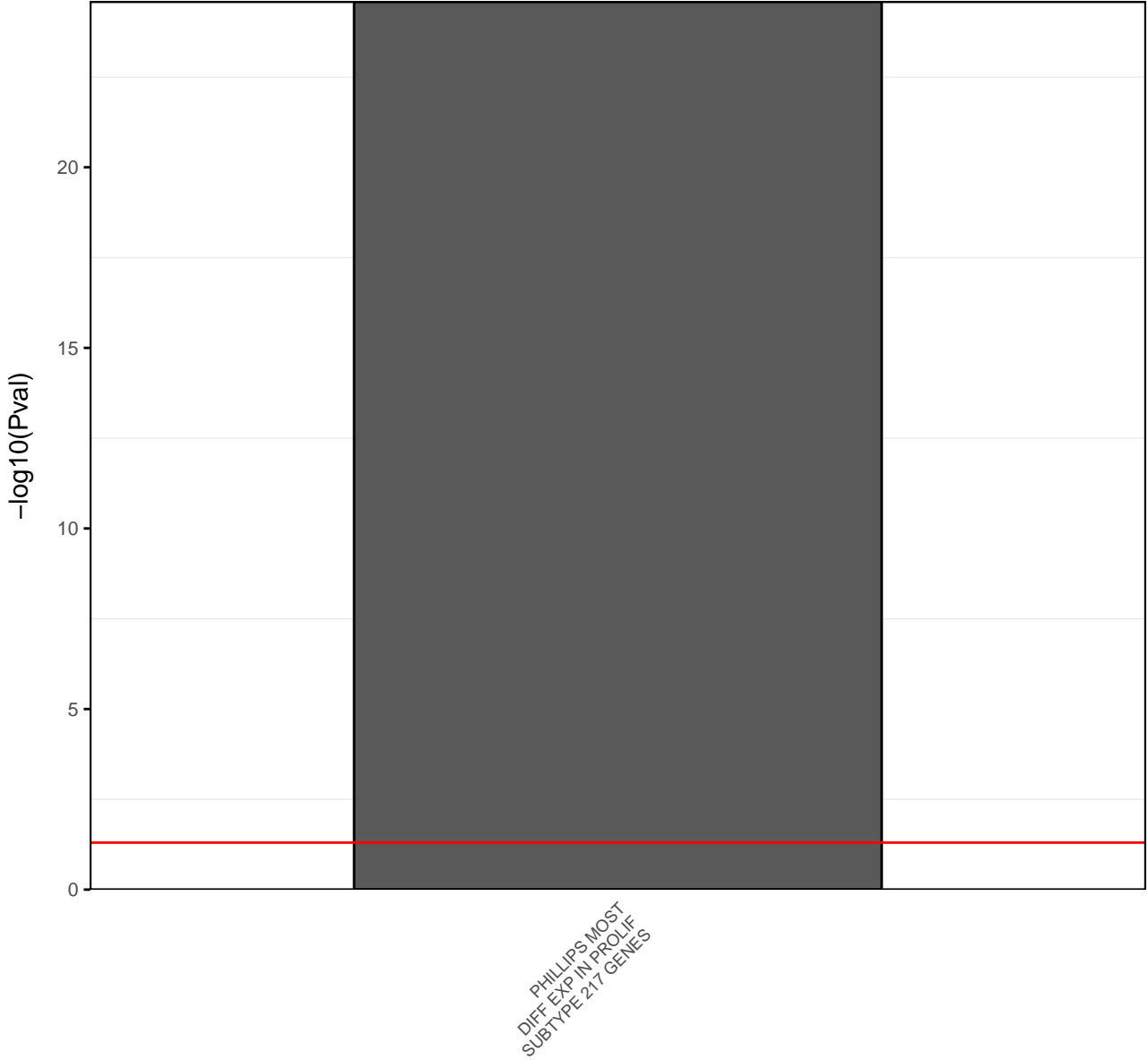
Ppp1r3c
Hes5
Cmtm5
Gm2a
Phgdh
Mfge8
Lamp1
Scp2
Sash1
Slc6a1
Sh3bp4
Plpp3
Mmd2
Rnd2
Mgll
Btbd17
Sdc4
Fbxo2
Pygb
Pla2g7



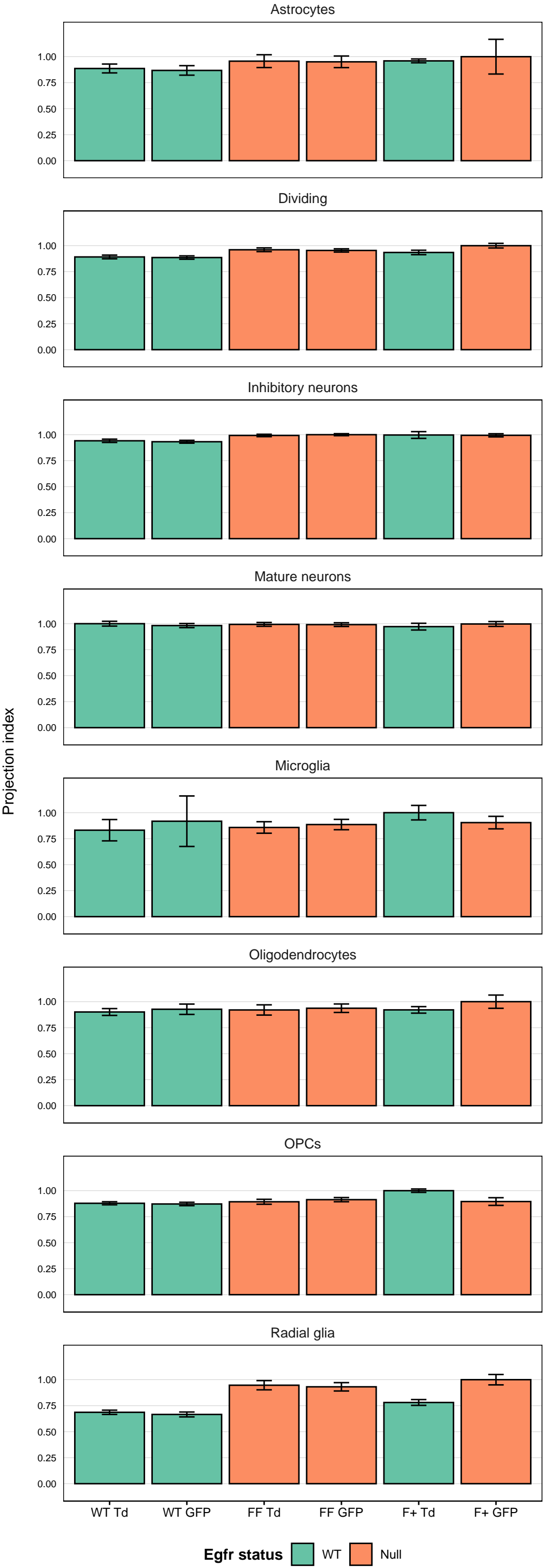


Top genes by kME

Ncapg2
Tyms
Tacc3
Neil3
Ncapd2
Cdca2
Aurka
Cdk1
Top2a
Gas2l3
Ect2
Uhrf1
Bub1
Pola1
Mcm3
Brca1
Lig1
Dhfr
Pawr
Kn1

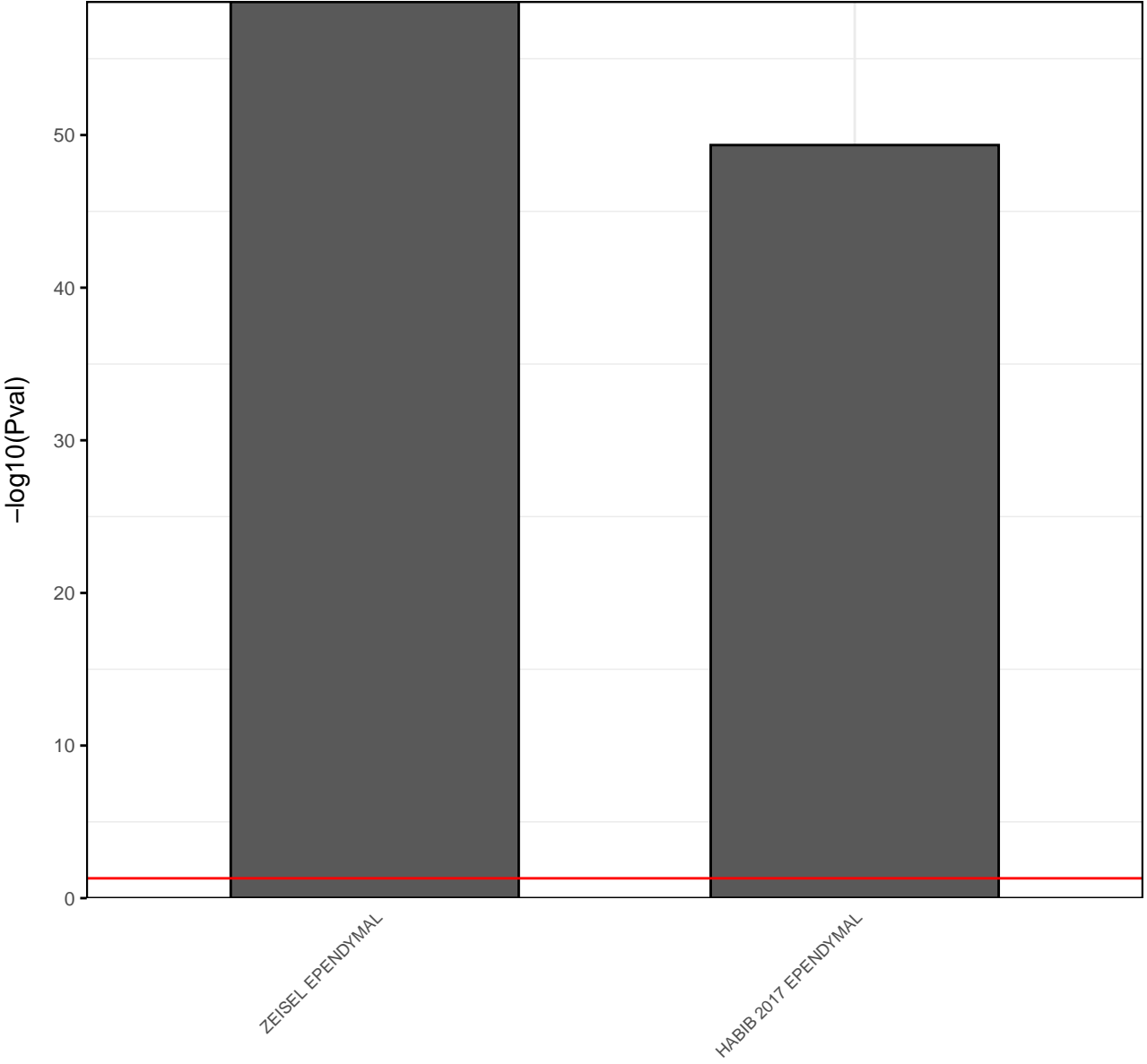


greenyellow module
Top 100 by kME
Bicor-None_signum0.69_minSize10_merge_ME_0.85_18566

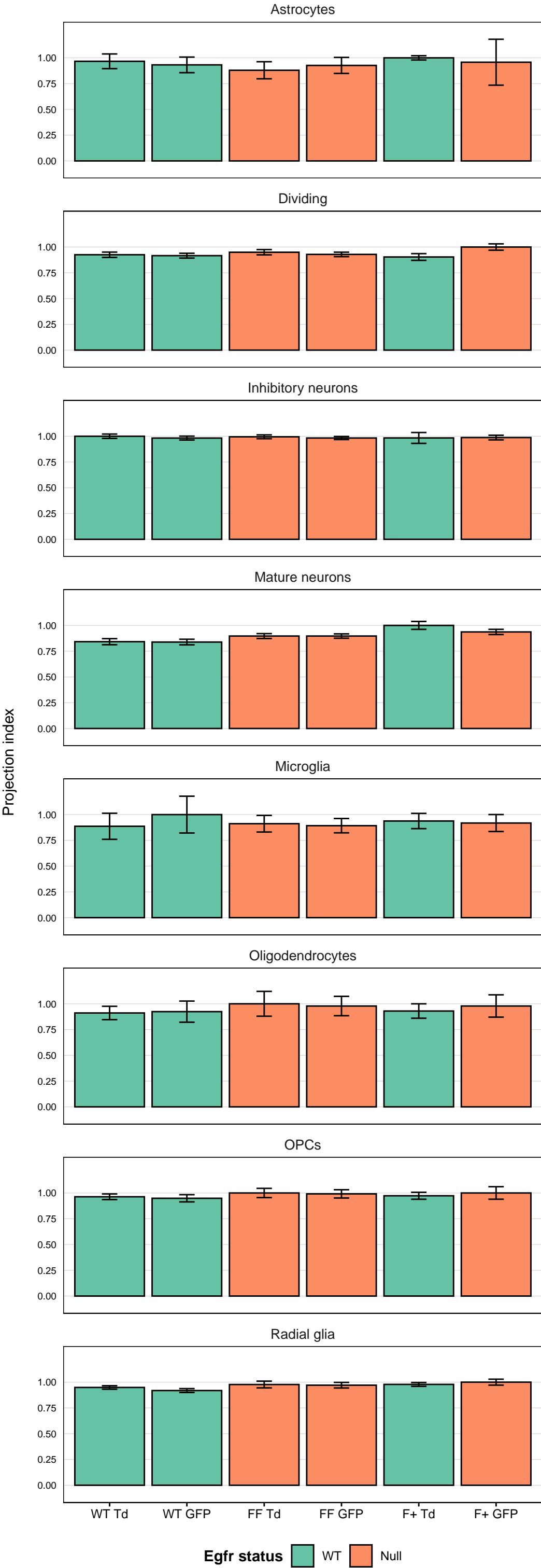


Top genes by kME

Hopx
Emx2os
Rerg
Nrp1
Nr4a3
Dnah9
Lix1
Islr2
Lhx9
Nr3c2
Spef2
Wdr49
Cfap54
Dcc
Drc3
Ccdc162
Sema3e
Tac2
Fgfr1
Igfbpl1

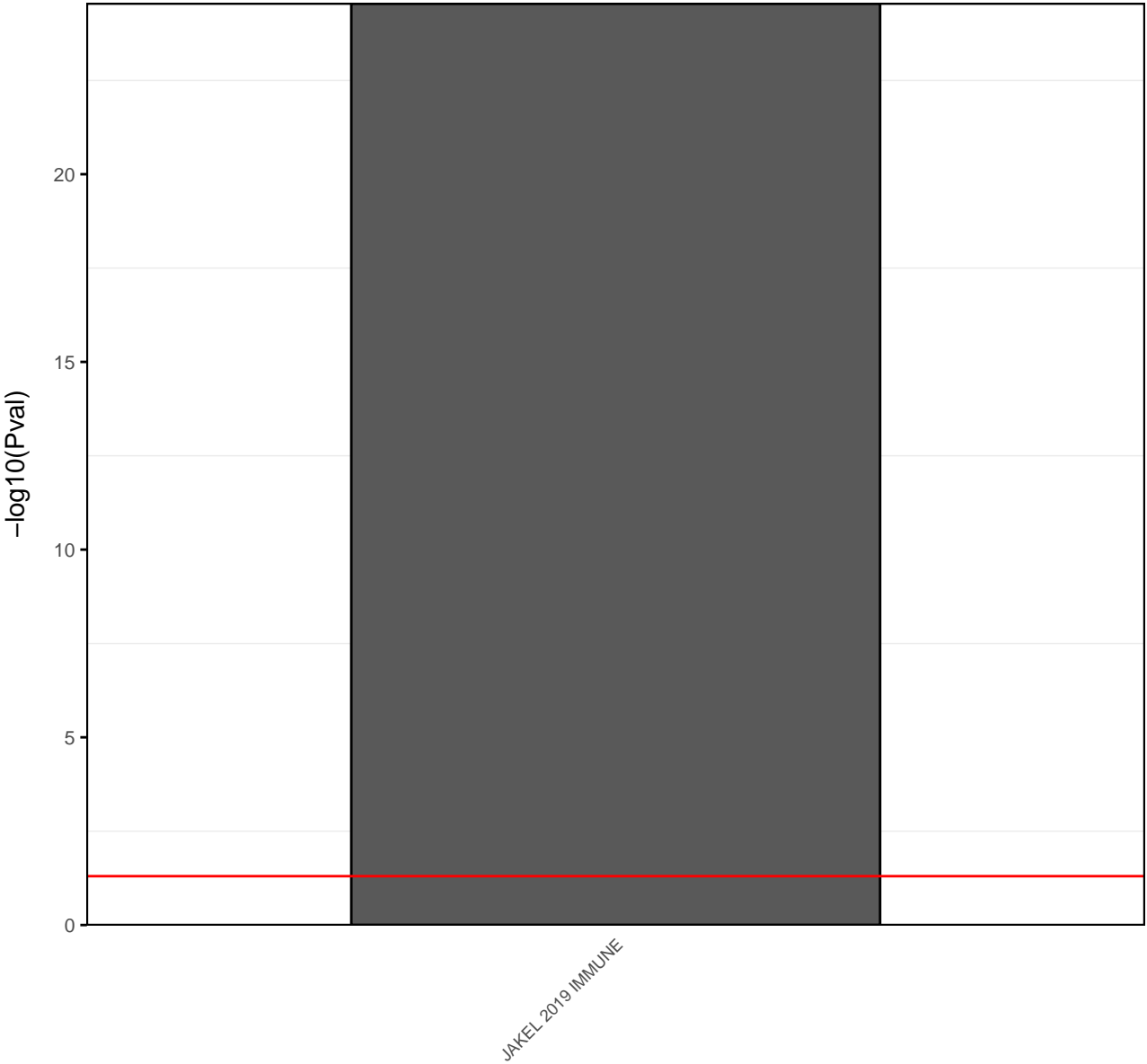


brown4 module
Top 100 by kME
Bicor-None_signum0.757_minSize8_merge_ME_0.85_18566

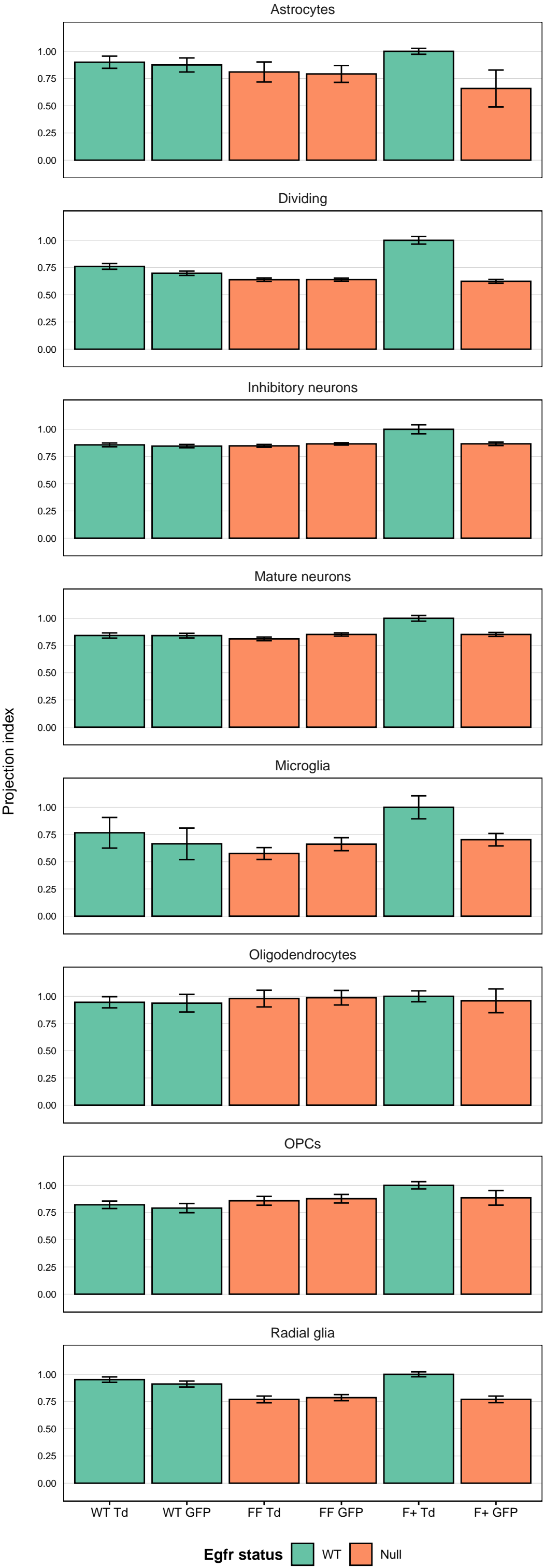


Top genes by kME

Selenoh
Cdc42ep3
Tmsb4x
Coro1a
Hes6
Gm33228
Kcnmb2
Dut
Uchl1
Sgk1
H3f3a
S100a4
Csrp2
Gabrg2
Syt16
Lrrtm4
Tubb2b
Ppp1r14b
Ctsl
Cxadr

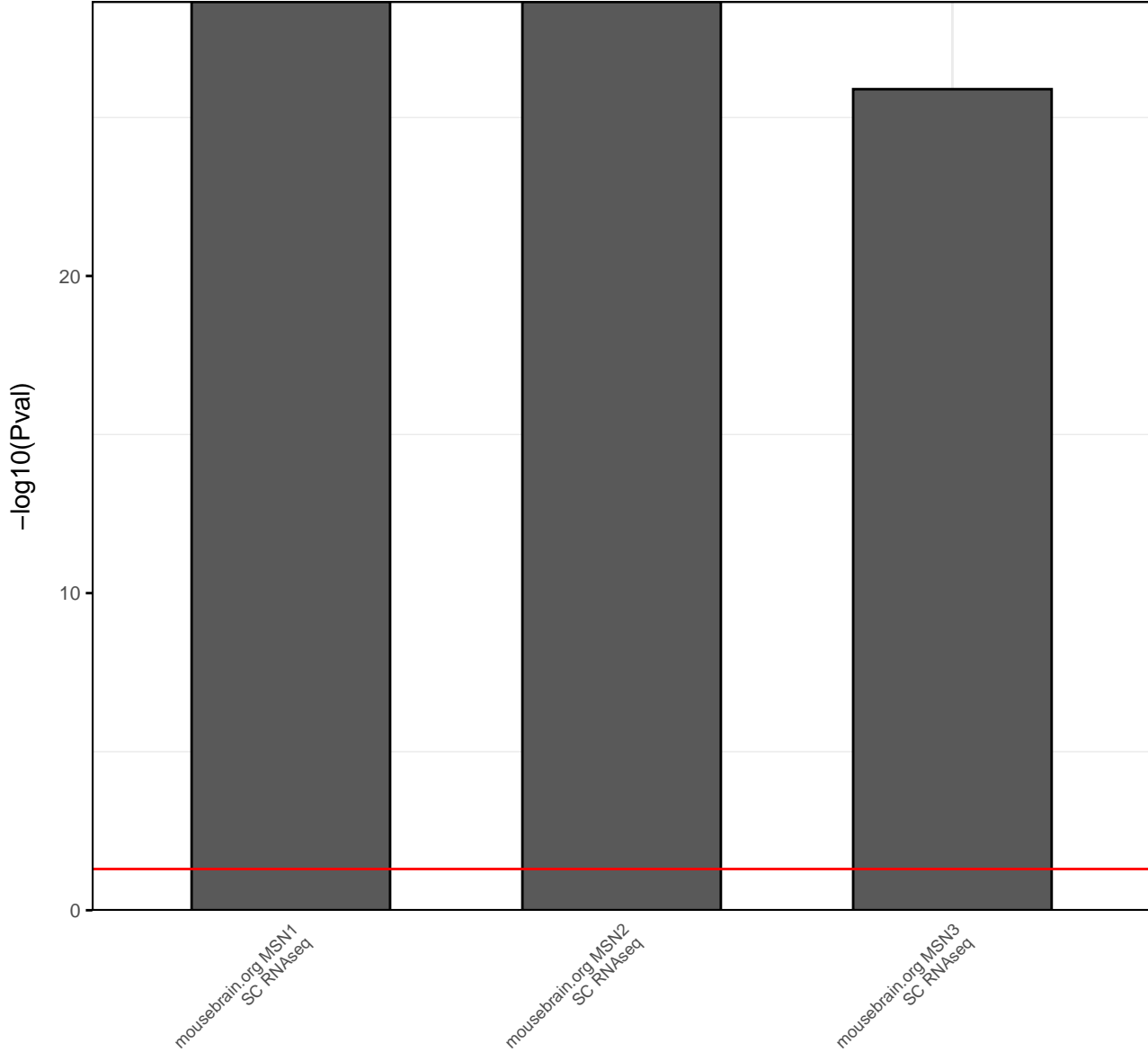


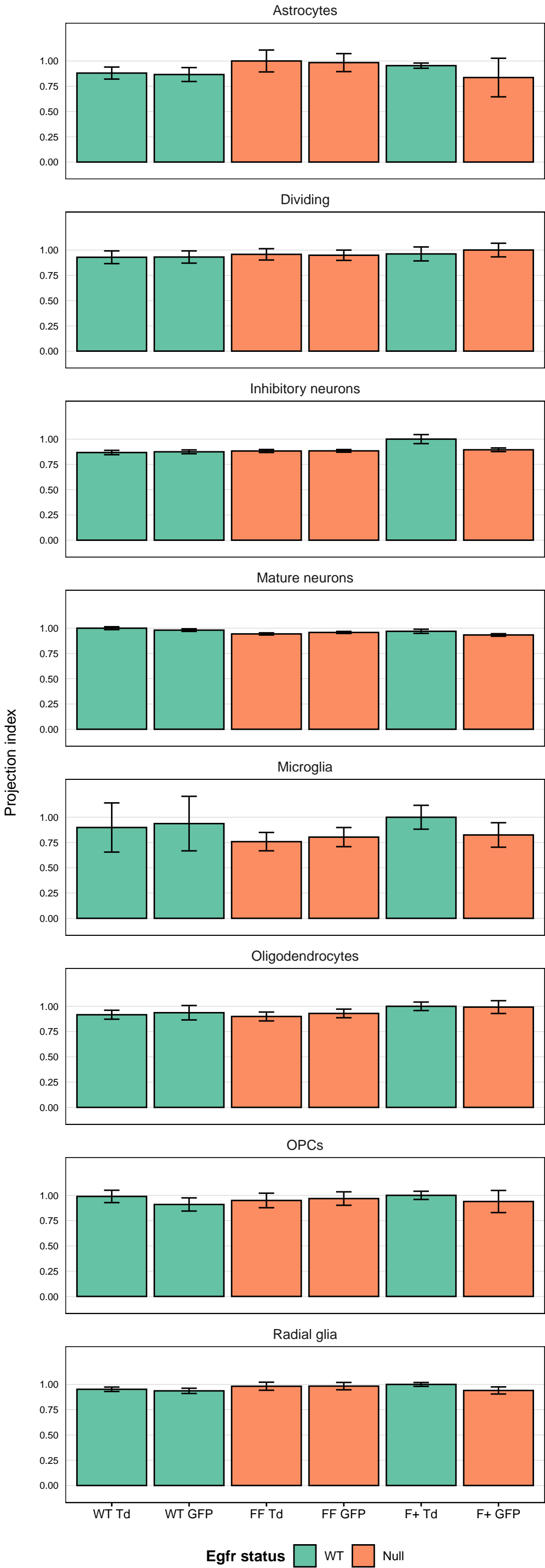
darkslateblue module
Top 100 by kME
Bicor-None_signum0.757_minSize8_merge_ME_0.85_18566



Top genes by kME

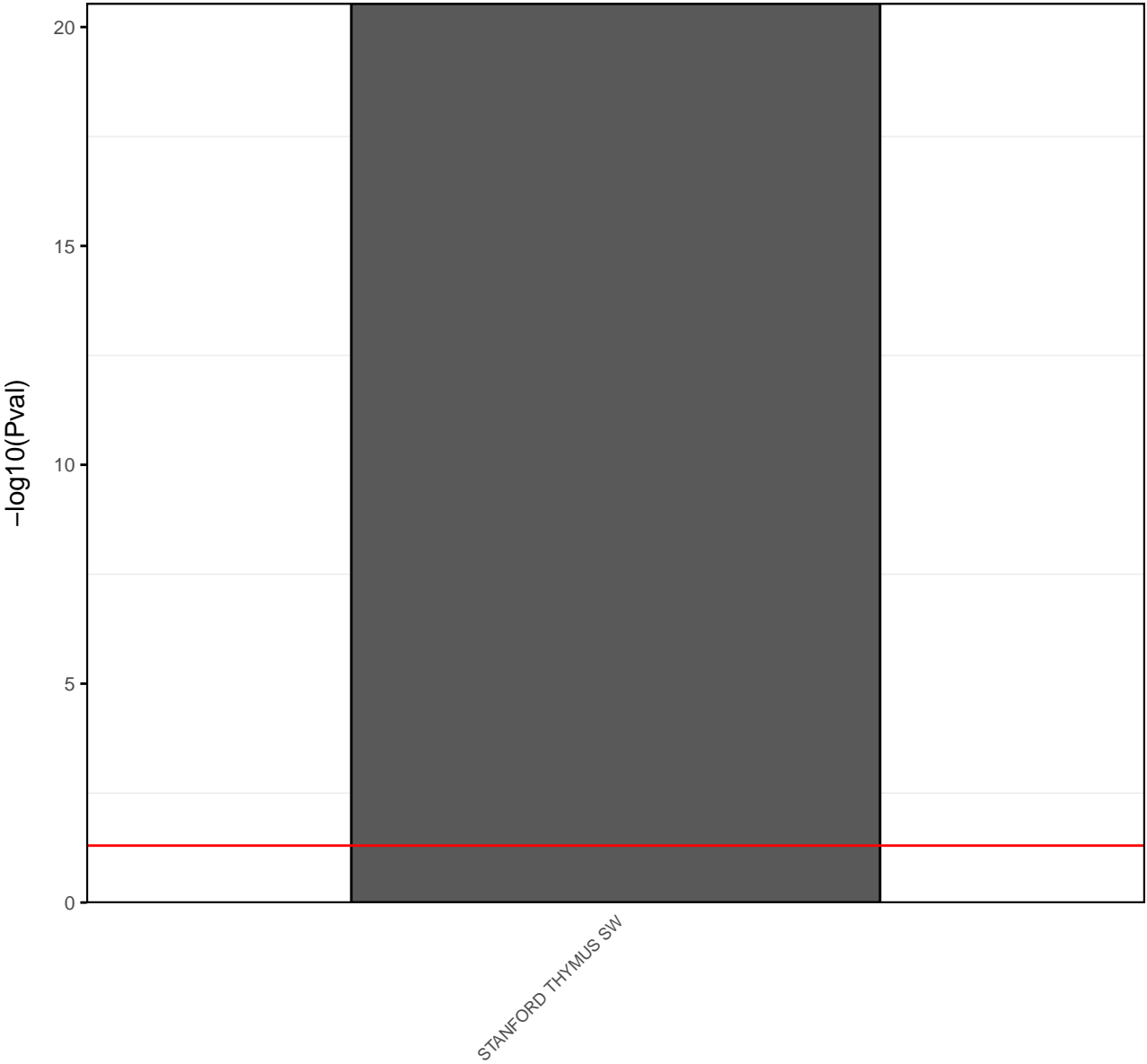
- Rarb
- Pde10a
- Ebf1
- Pde7b
- Ntn1
- Meis1
- Frem2
- Dach1
- Gpr158
- Vstm2b
- Six3
- Foxp2
- 1700025G04Rik
- Camk2n1
- Abat
- Fhit
- Crabp1
- Gm35188
- Pld5
- Ptpm

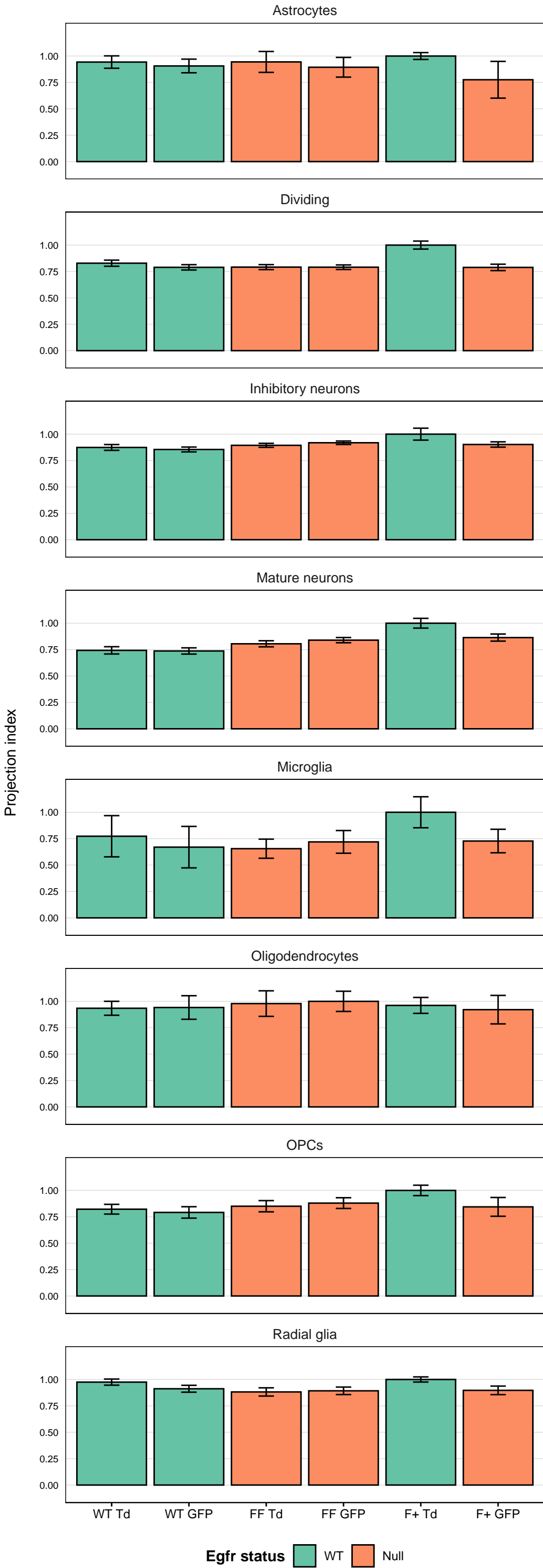




Top genes by kME

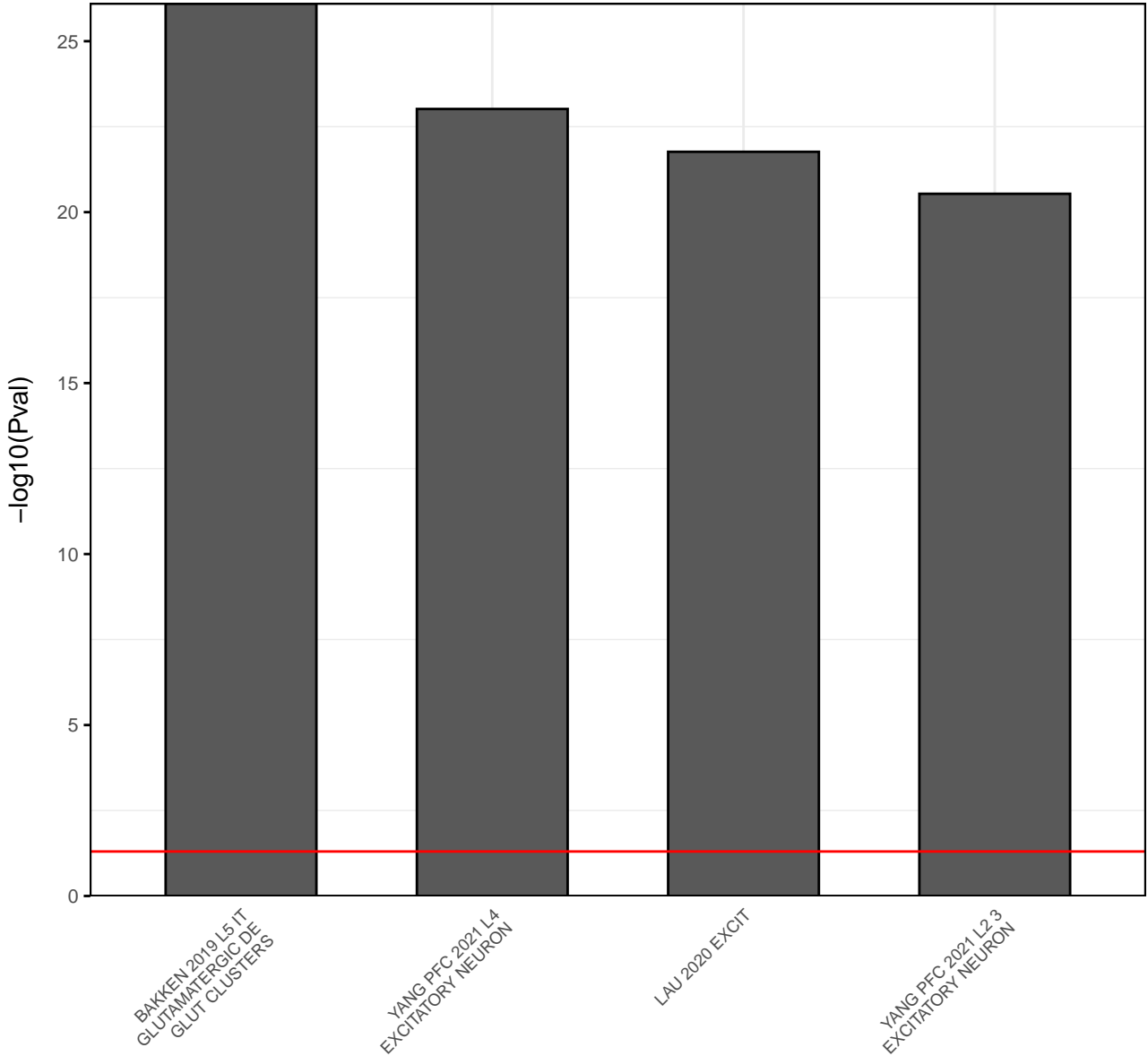
Cdca2
Ncapg2
Tacc3
Ncapd2
Gas2l3
Top2a
Ccnb1
Cdc20
Bub1
Cdk1
Dhfr
Aurka
Nuf2
Ccna2
Brca1
Ect2
Tyms
Neil3
Kif22
Ccnb2



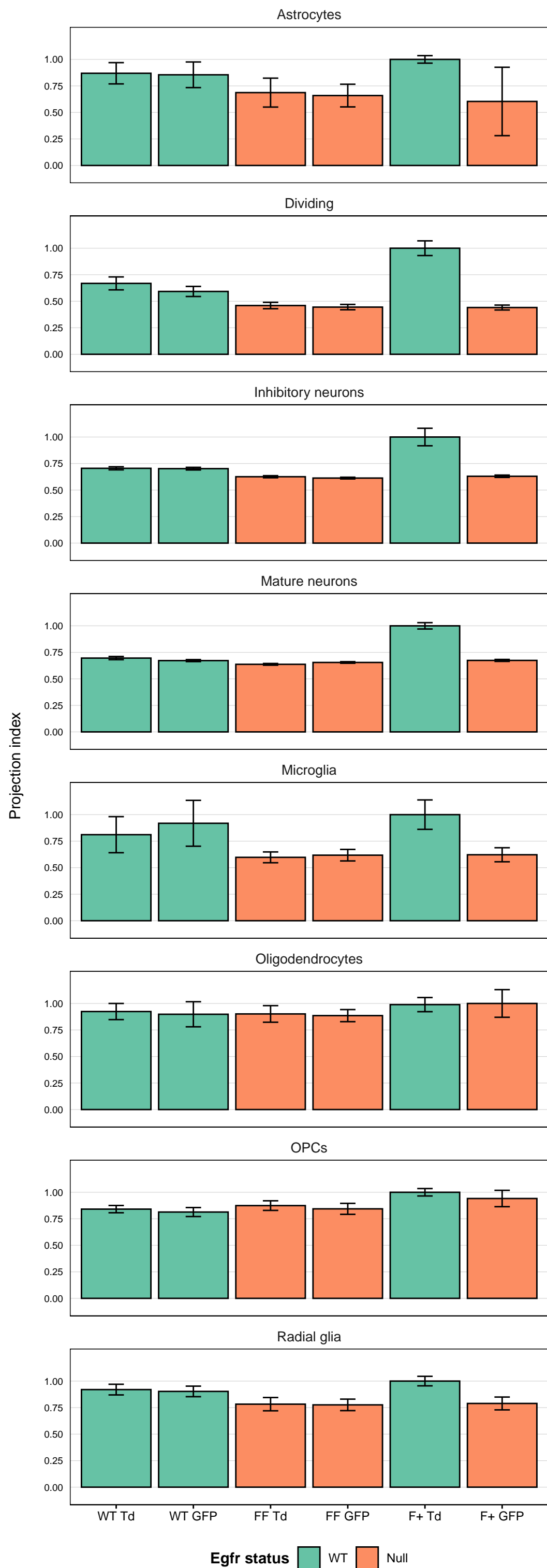


Top genes by kME

Cadm2
Kcnh1
Fhod3
Sorcs1
Pdzd2
Tspan5
Ldlrad4
Klh1
Frmpd4
Kcnh5
Rgs6
Lhfp
Ptpk
Rorb
Tmtc1
Adgrl2
Ablim1
Klh29
Carmil1
Gucy1b1

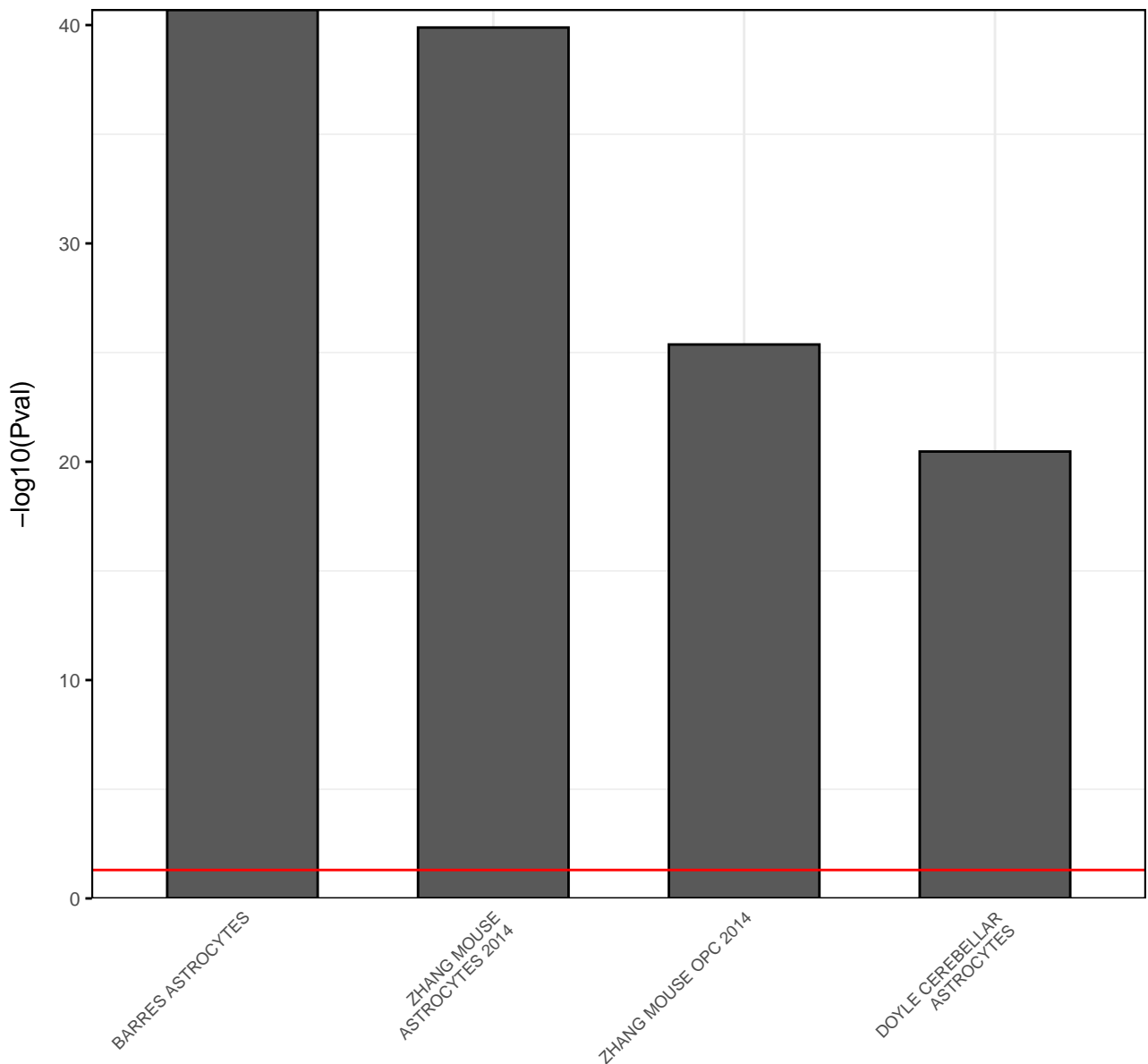


tan module
Top 100 by kME
Bicor-None_signum0.643_minSize20_merge_ME_0.85_18566



Top genes by kME

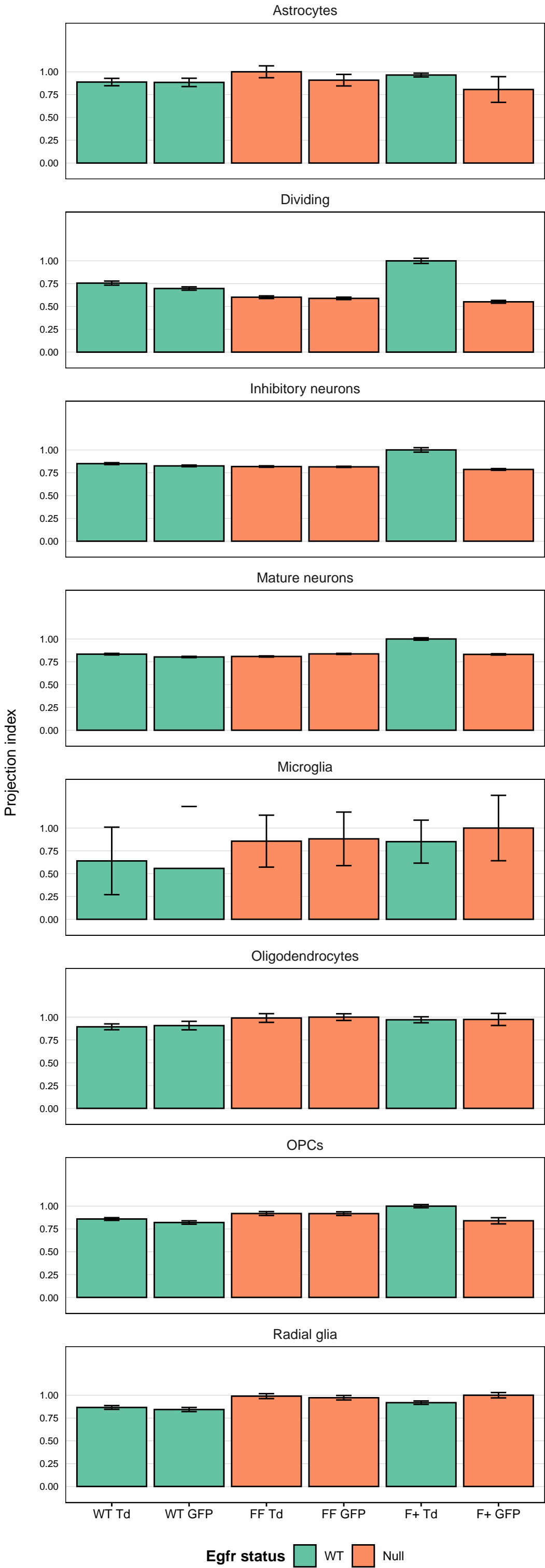
Scd1
Aldh1l1
Slc7a10
Sox8
Cnp
AW047730
Acsbg1
Gpr37l1
Timp4
Olig1
Slc6a11
S100a16
Tmem100
Glud1
Htra1
Sema5b
Bcan
Olig2
Rlbp1
Aqp4



red module

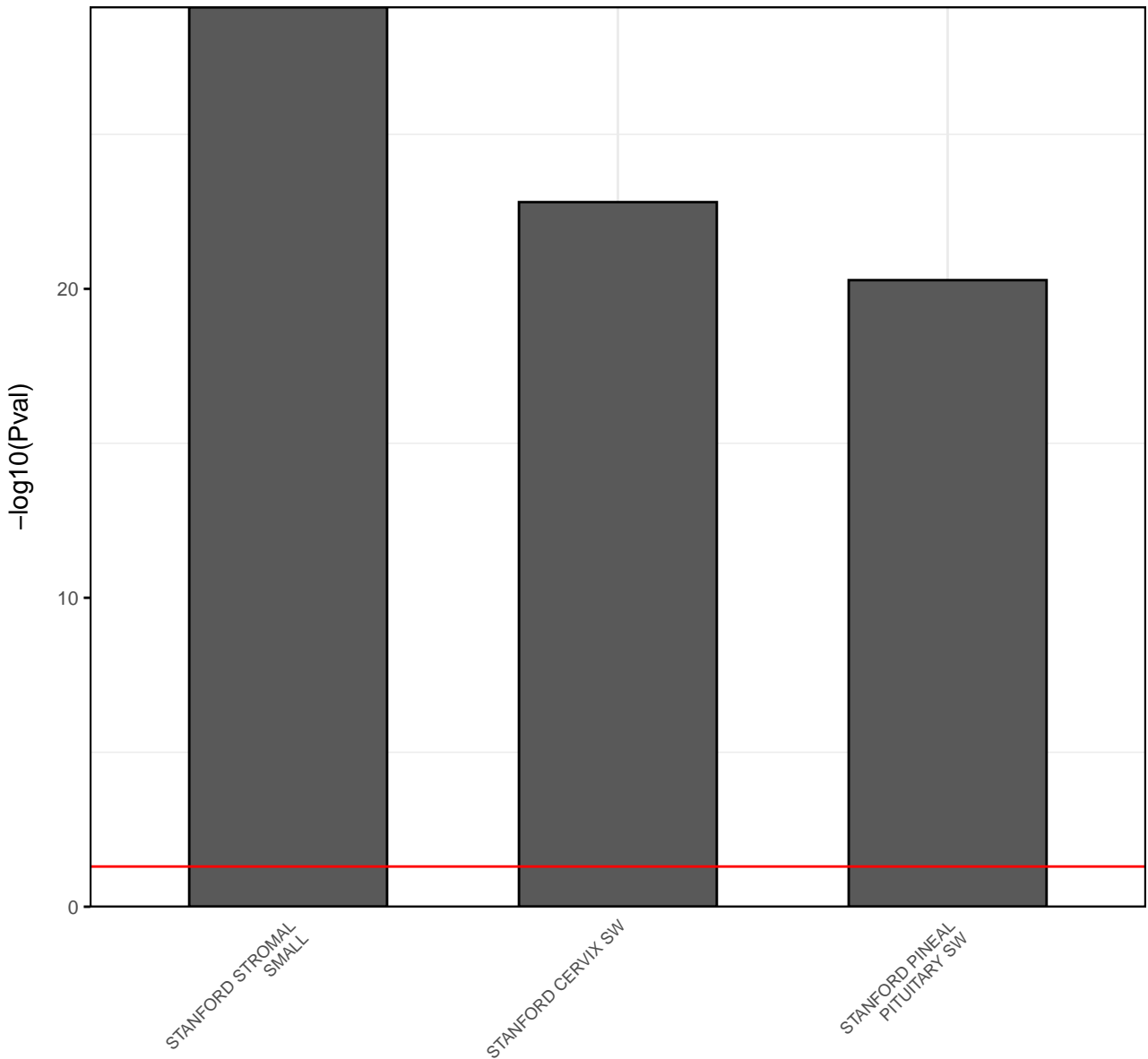
Top 100 by kME

Bicor-None_signum0.757_minSize10_merge_ME_0.85_18566



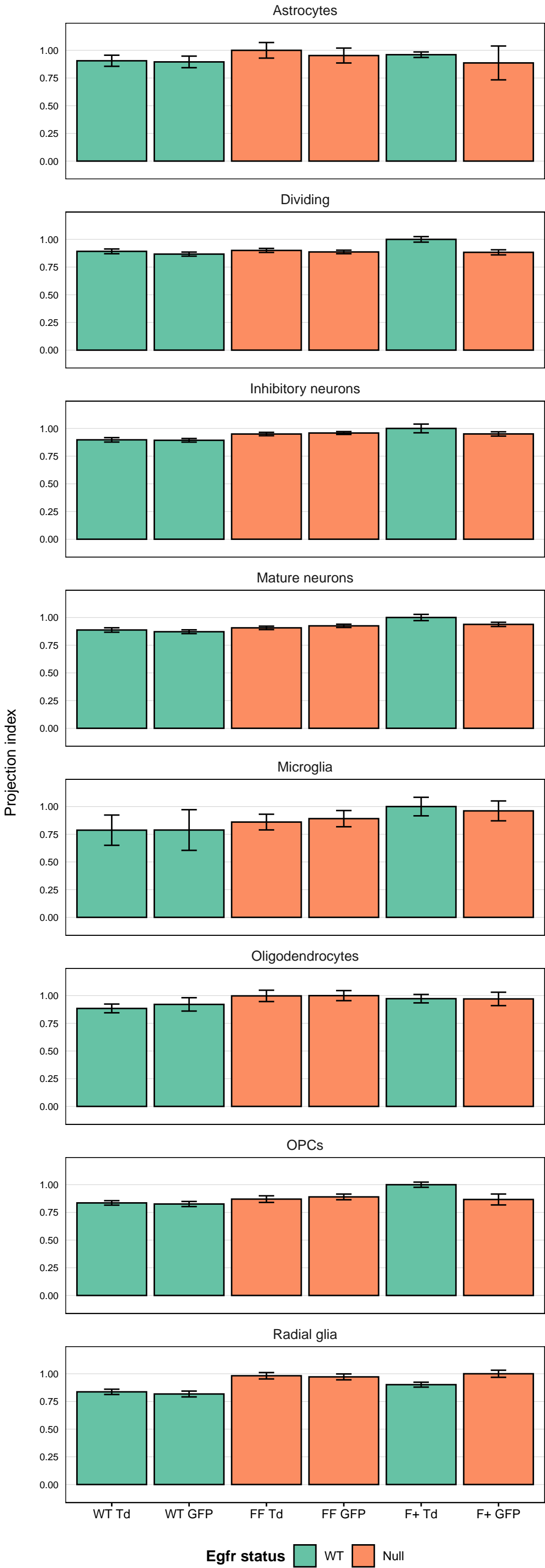
Top genes by kME

Fam183b
Galnt17
Nrg3os
Cfap126
Rasl11a
C230072F16Rik
1700094D03Rik
Ccdc162
Hydin
Gm45341
Pcsk5
Lrrc23
Gm11266
Ak7
St18
Epb41l4a
Rsph1
Odf3b
Meig1
Tgfb2



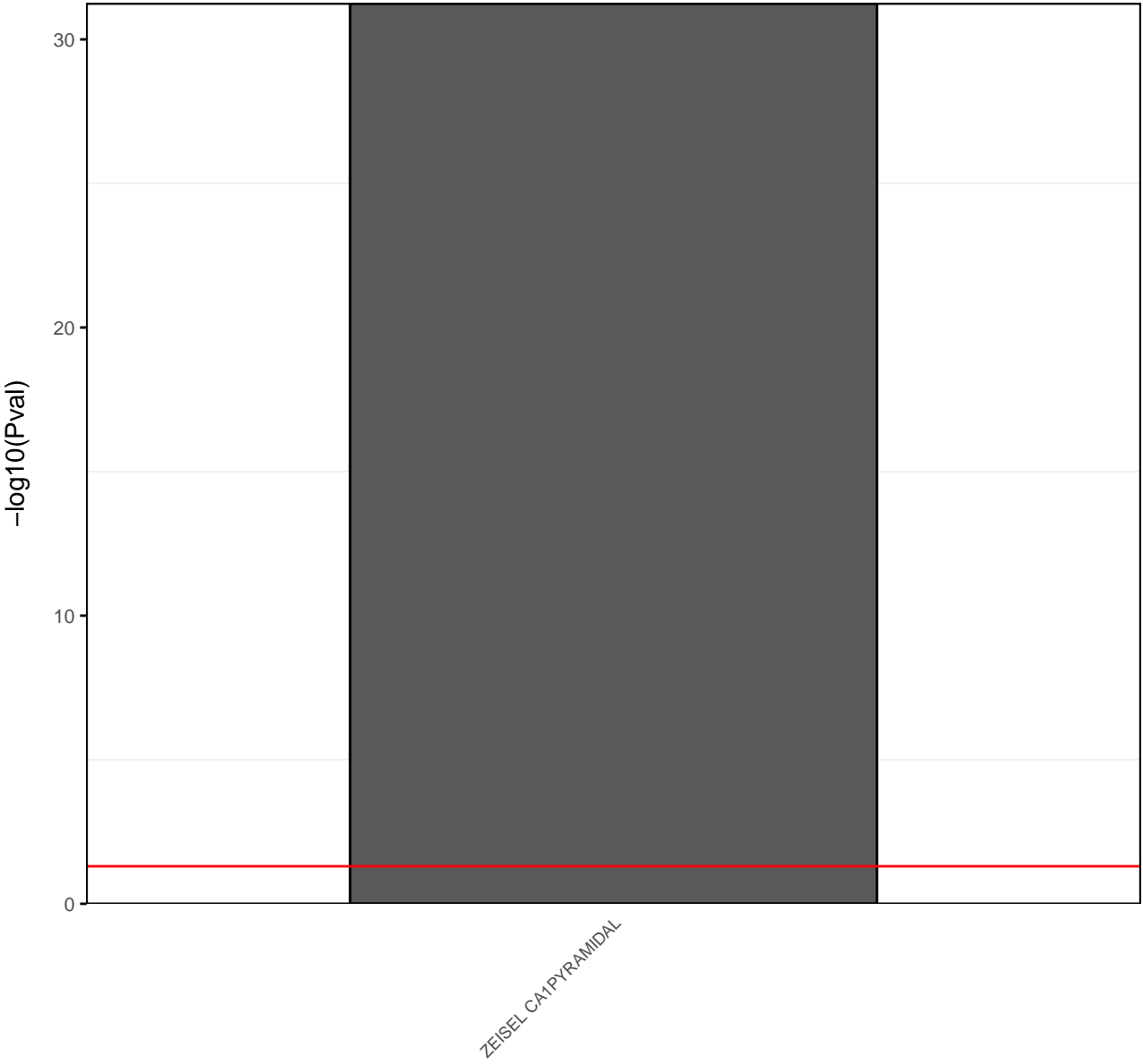
blue module
Top 100 by kME

Bicor-None_signum0.551_minSize20_merge_ME_0.85_18566



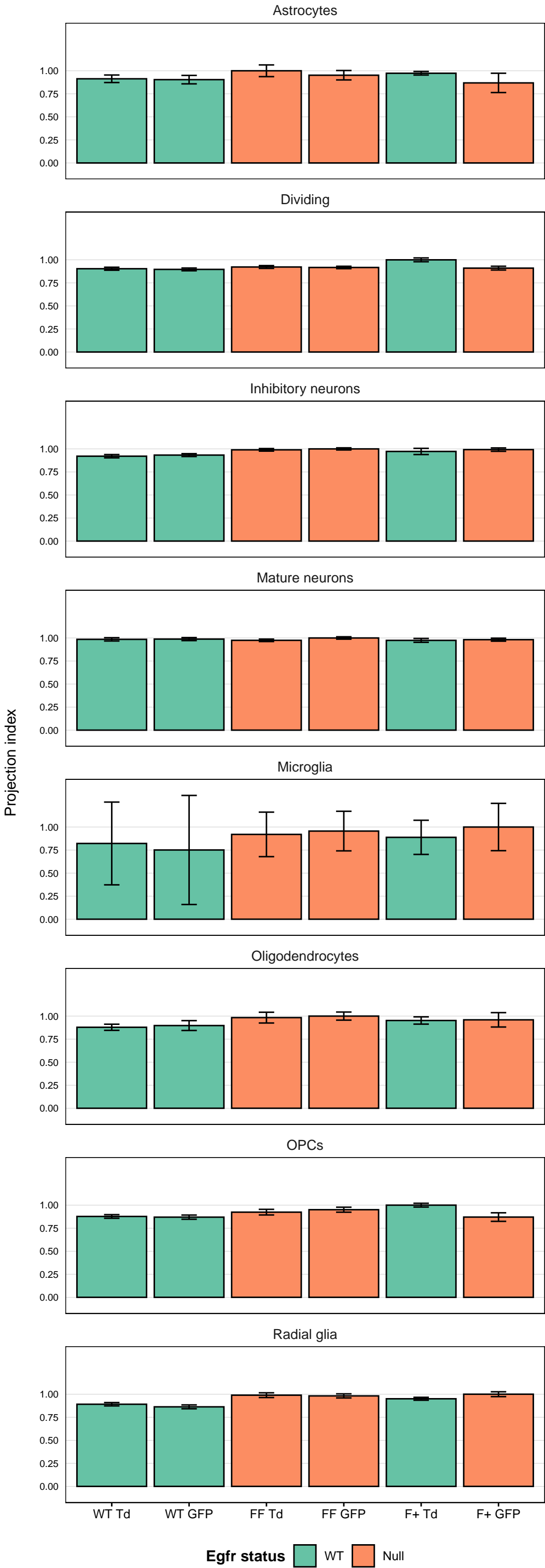
Top genes by kME

Gm47423
Gm29521
Fezf2
Sema6a
Plk1
Arc
2900079G21Rik
Arhgap11a
Nfia
1700016P03Rik
Fosb
Dlgap1
Egr3
Auts2
Grp
Incenp
Egr1
Nfix
Junb
Tmsb10



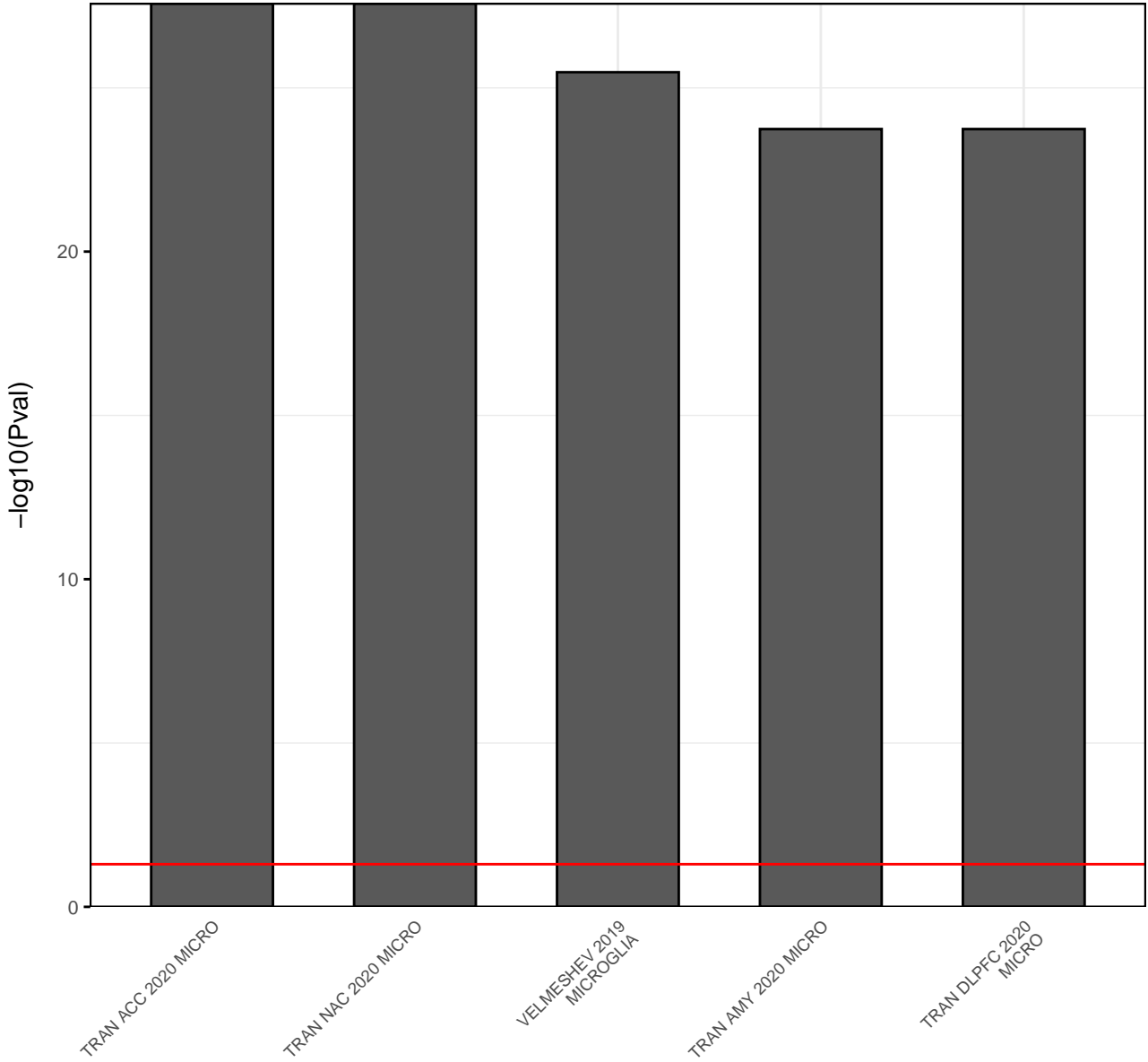
tan module
Top 100 by kME

Bicor-None_signum0.551_minSize20_merge_ME_0.85_18566

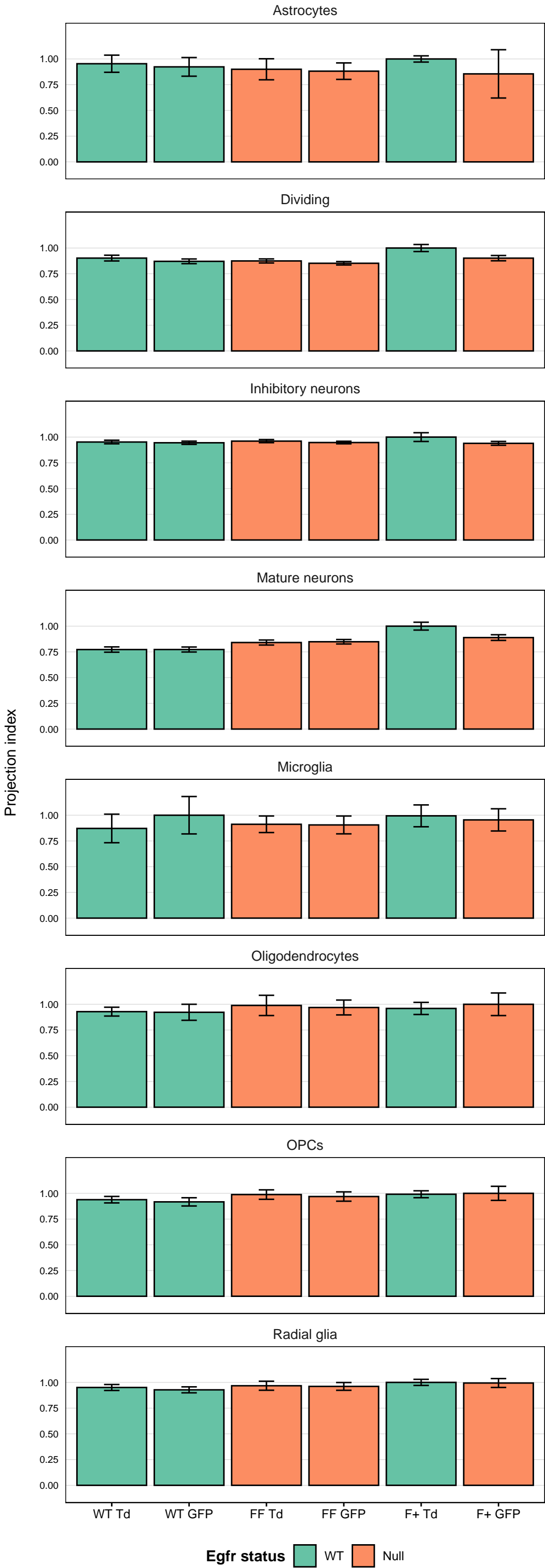


Top genes by kME

C1qb
Dock2
Cx3cr1
Fyb
Adgre1
Lgmn
Ctss
Cyba
Laptm5
Dach2
Fcer1g
St6gal1
Trf
Cemip2
Aif1
Hdac9
Myt1
Nfkbiz
Lyn
Spi1

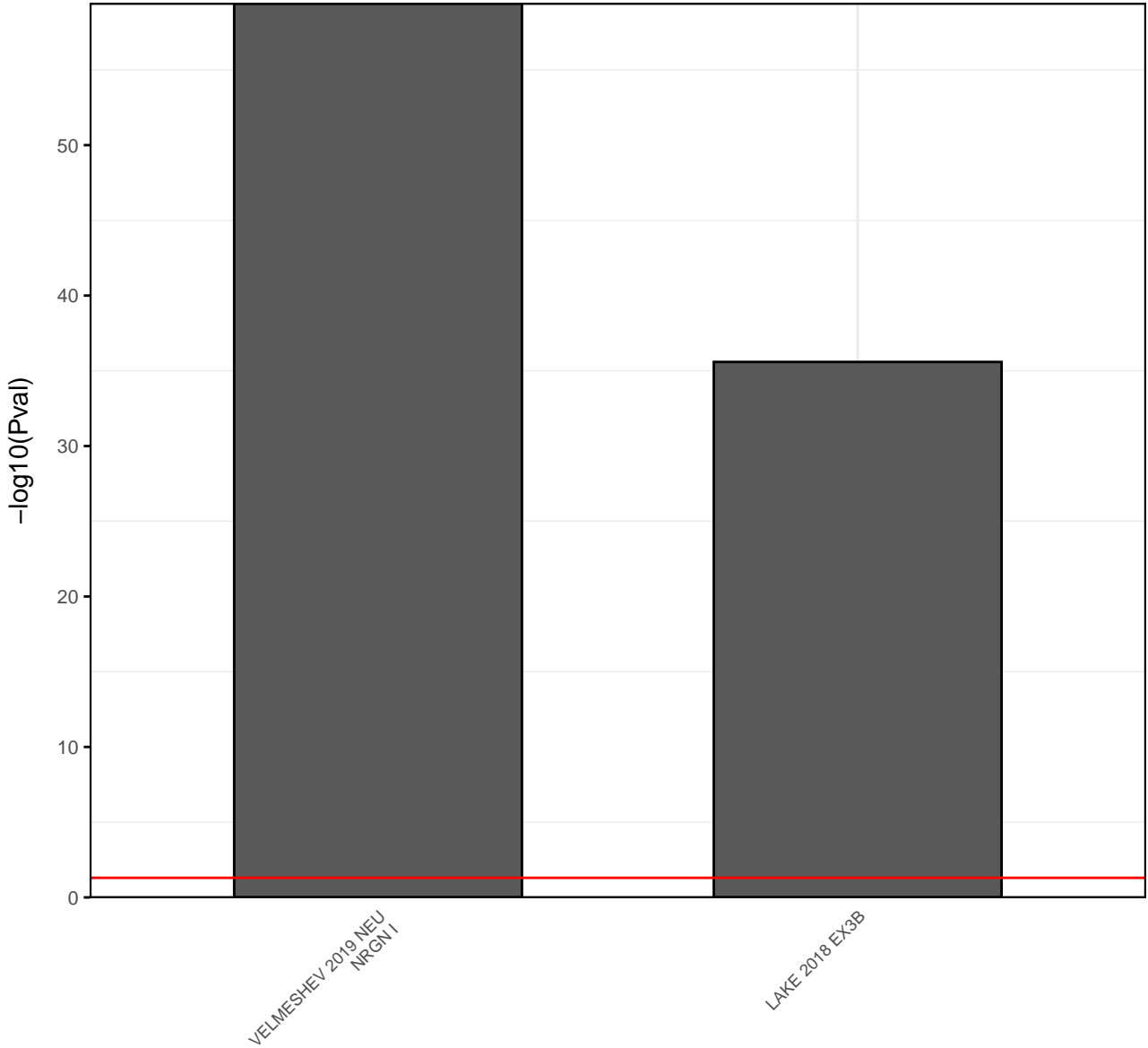


turquoise module
Top 100 by kME
Bicor-None_signum0.551_minSize20_merge_ME_0.85_18566



Top genes by kME

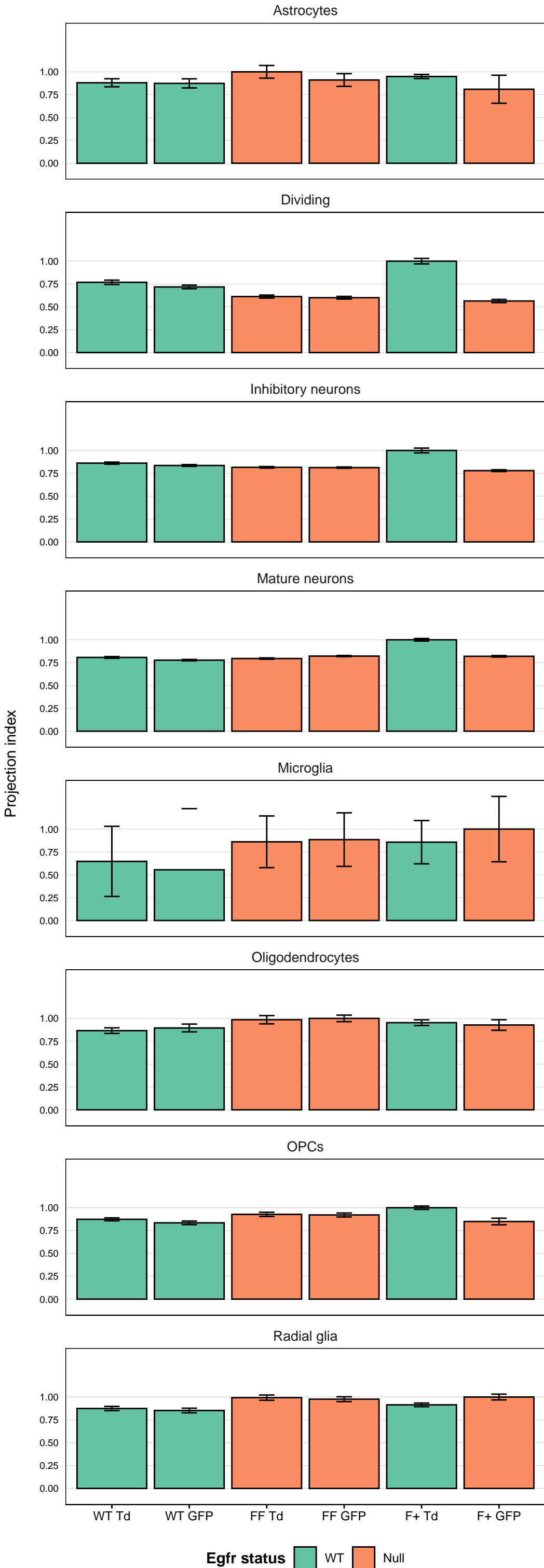
Cadm2
Kcnh1
Fhod3
Sorcs1
Pdzd2
Tspan5
Ldlrad4
Klh1
Frmpd4
Kcnh5
Rgs6
Lhfp
Ptpk
Rorb
Tmtc1
Adgrl2
Ablim1
Klh29
Carmil1
Gucy1b1



yellow module

Top 100 by kME

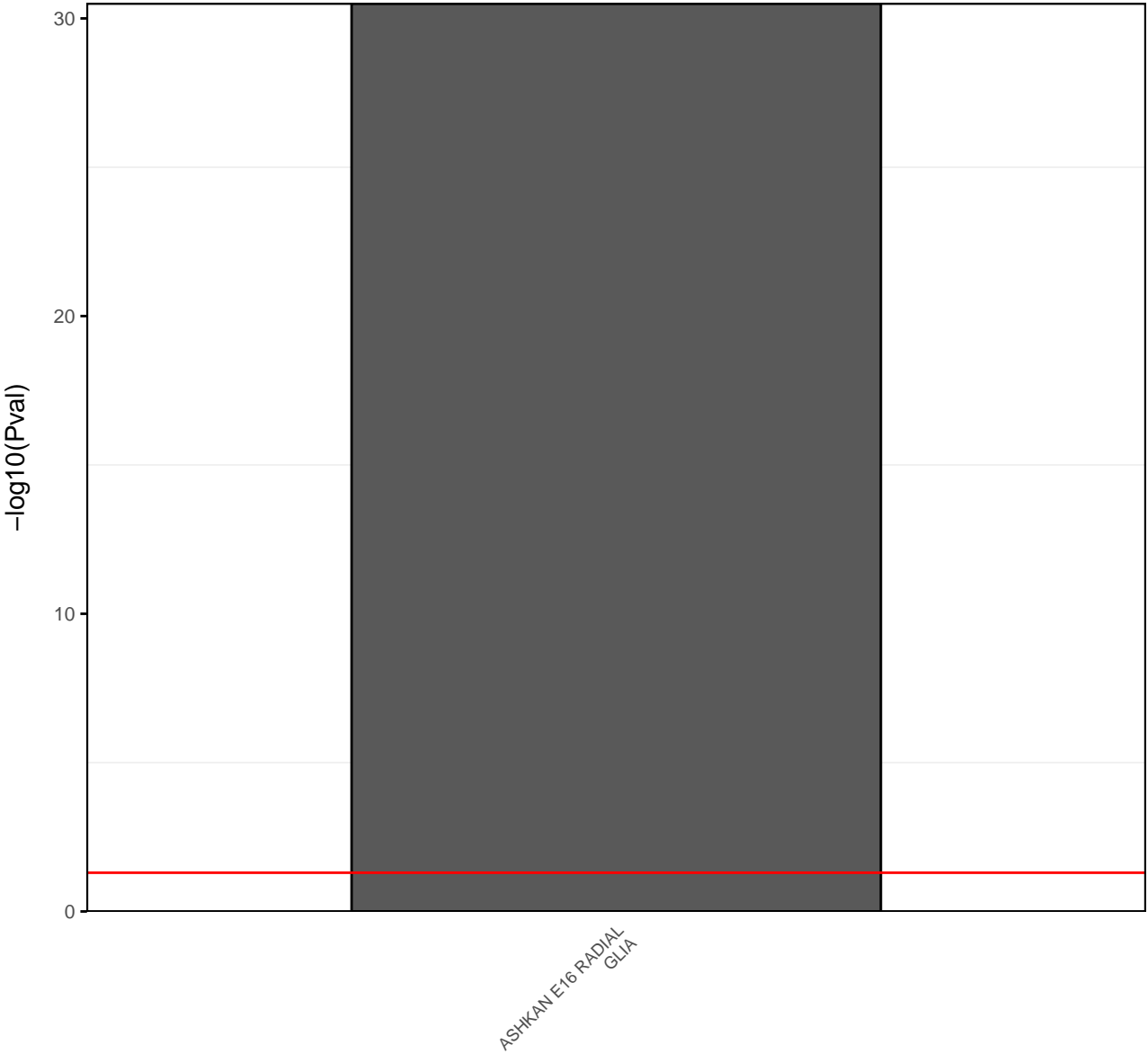
Bicor-None_signum0.551_minSize20_merge_ME_0.85_18566



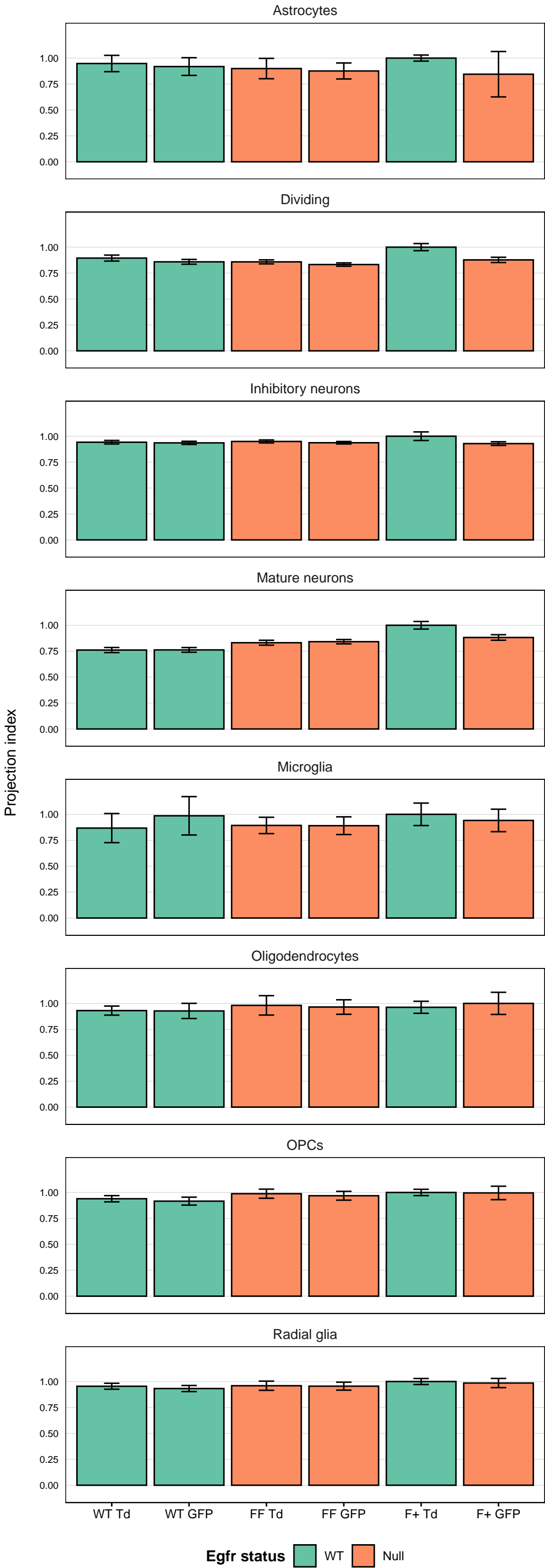
Top genes by kME

9630028H03Rik

Ebf1
Gpr158
Pde10a
Rarb
Frem2
Vstm2l
Camk2n1
Sgcz
Pde7b
Pld5
Dach1
Gm15155
Klf9
Rora
Ano3
Gal3st1
Shc4
Fat3
Prickle2

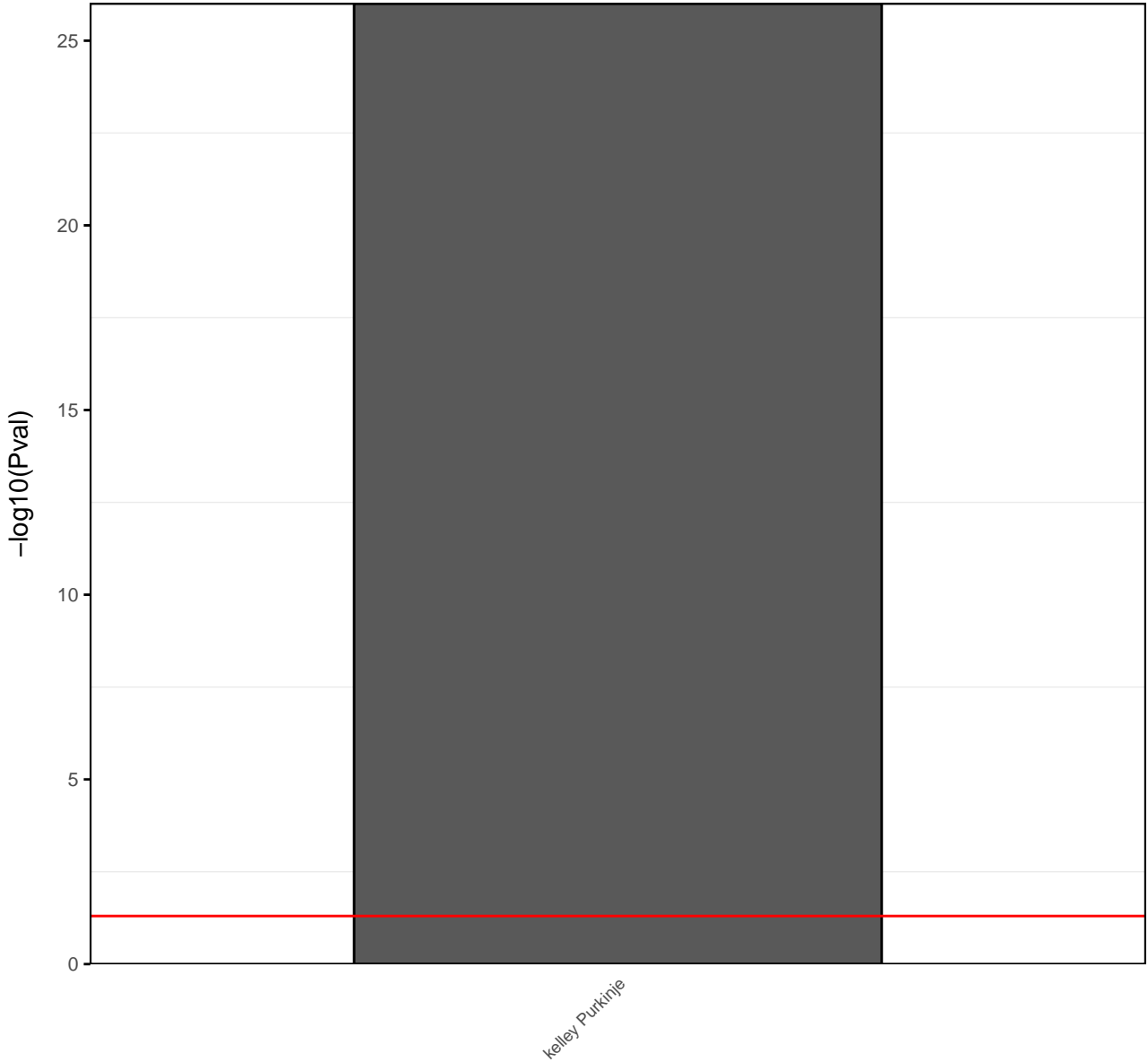


turquoise module
Top 100 by kME
Bicor-None_signum0.529_minSize15_merge_ME_0.85_18566



Top genes by kME

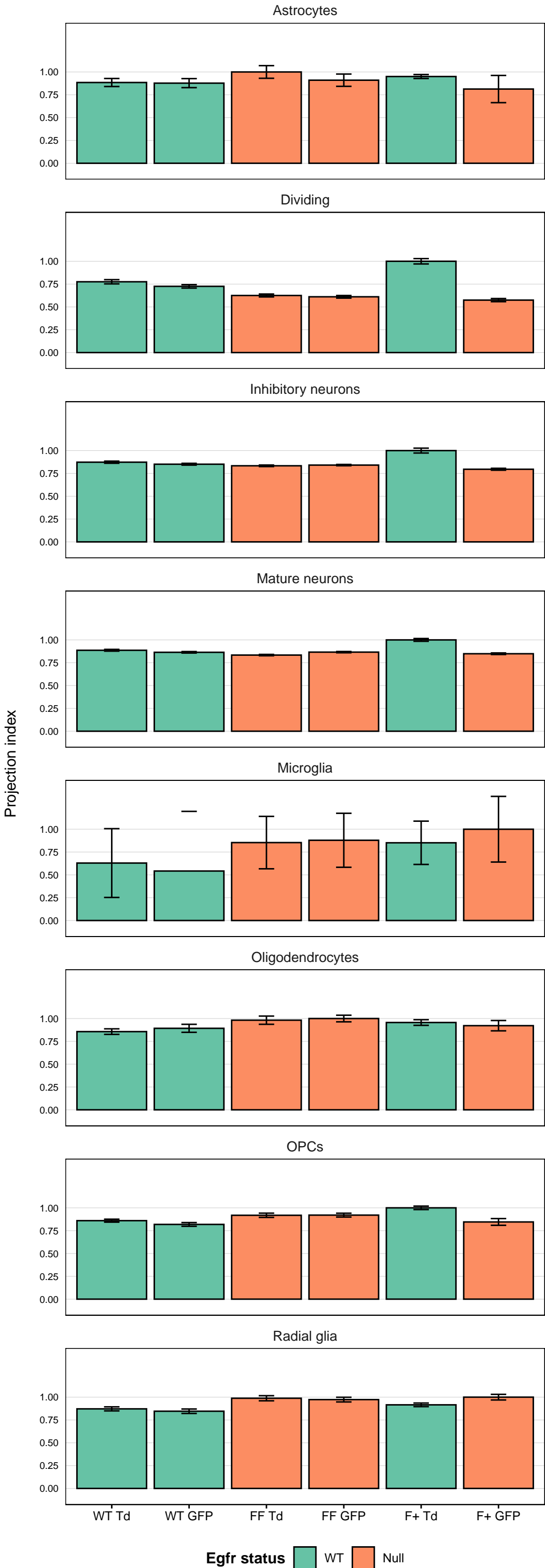
Fam183b
Galnt17
Cfap126
C230072F16Rik
Nrg3os
Rasl11a
1700094D03Rik
Ccdc162
Gm45341
Pcsk5
Hydin
Lrrc23
Ak7
Spag6l
Lgi1
St18
Gm11266
Epb41l4a
Rsph1
Nrn1



blue module

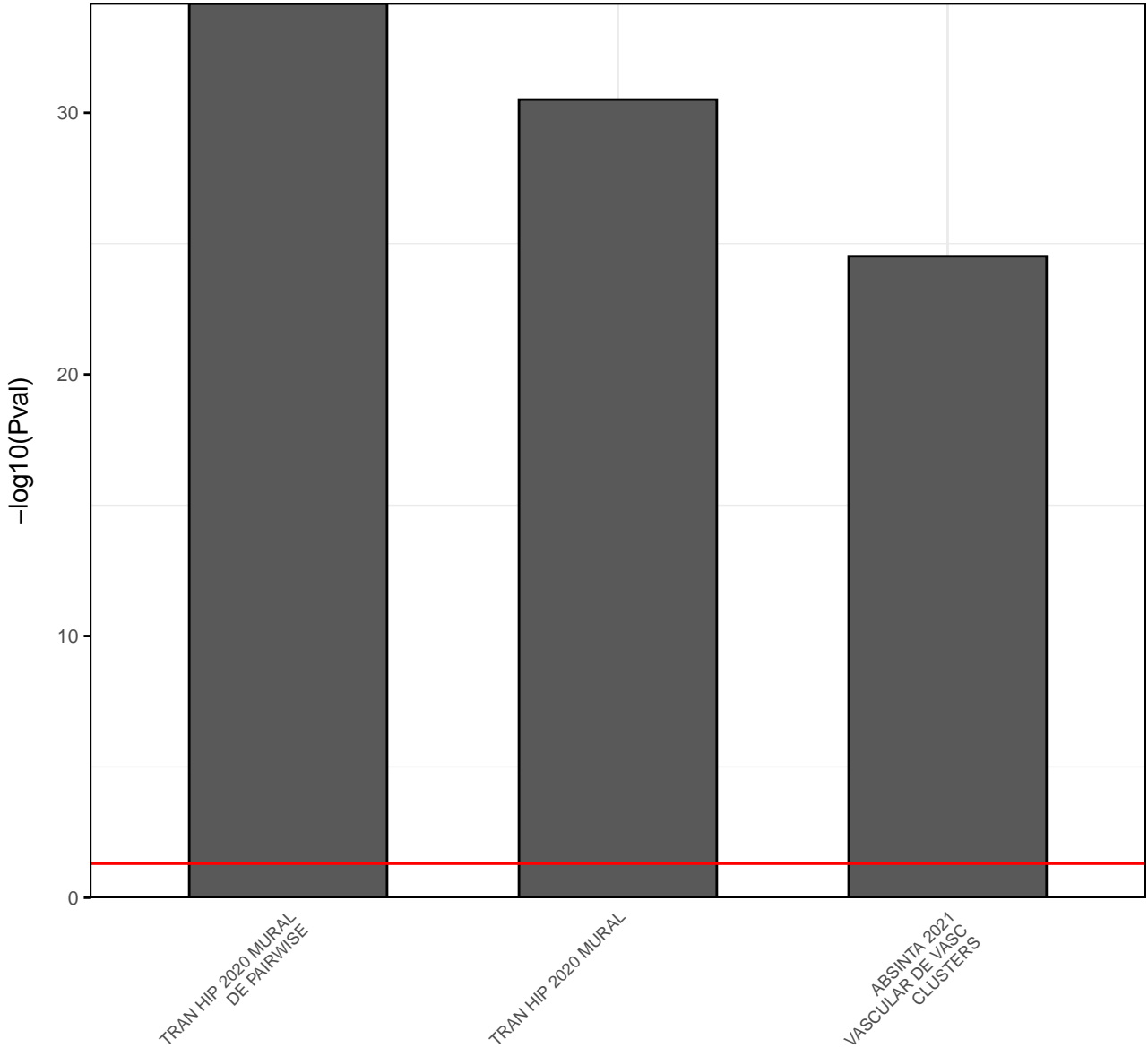
Top 100 by kME

Bicor-None_signum0.577_minSize12_merge_ME_0.85_18566



Top genes by kME

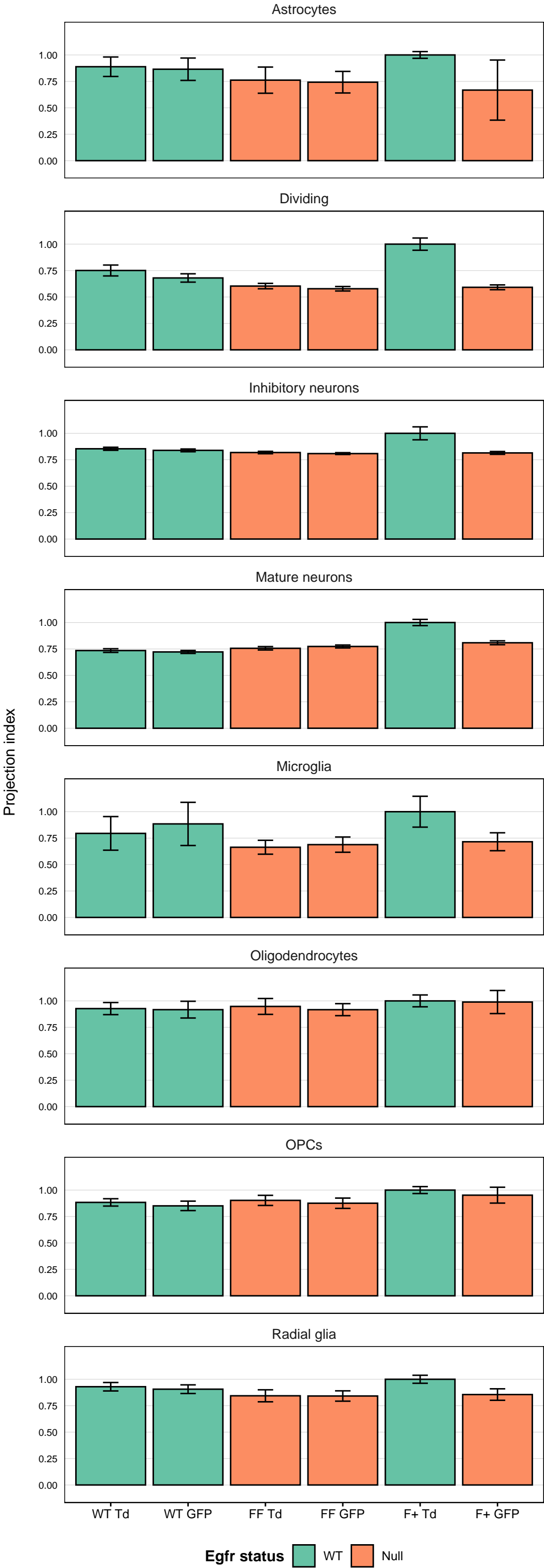
Fbn2
Eva1c
Hhip
Cacna1e
Ror1
Kcnb2
Dab2
Bicc1
Csmc1
Fbxl7
Ctsc
Zfhx4
Mrc1
Zic1
Adamts9
Socs3
Utrn
Adam12
Creb5
Mmp16



black module

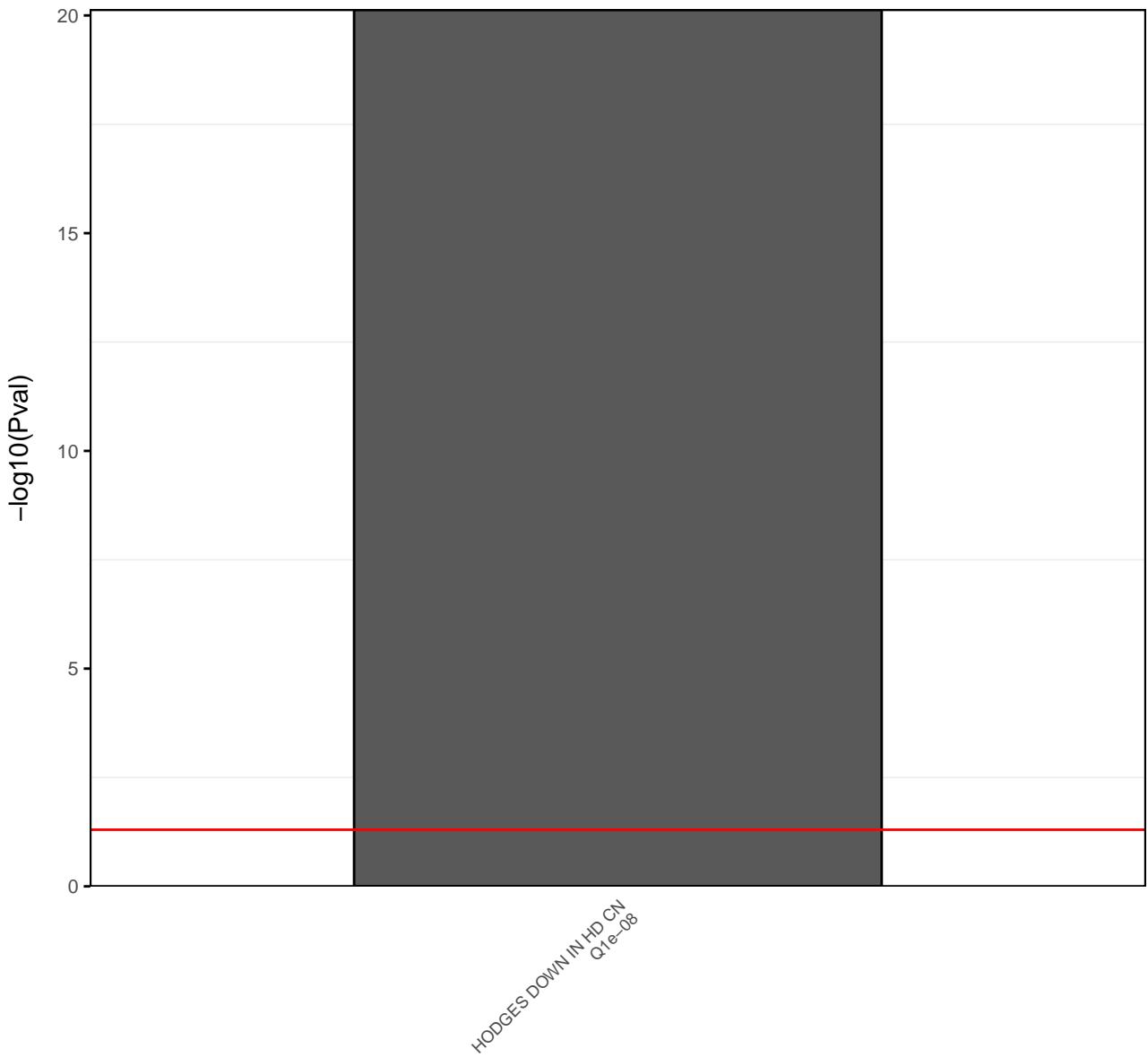
Top 100 by kME

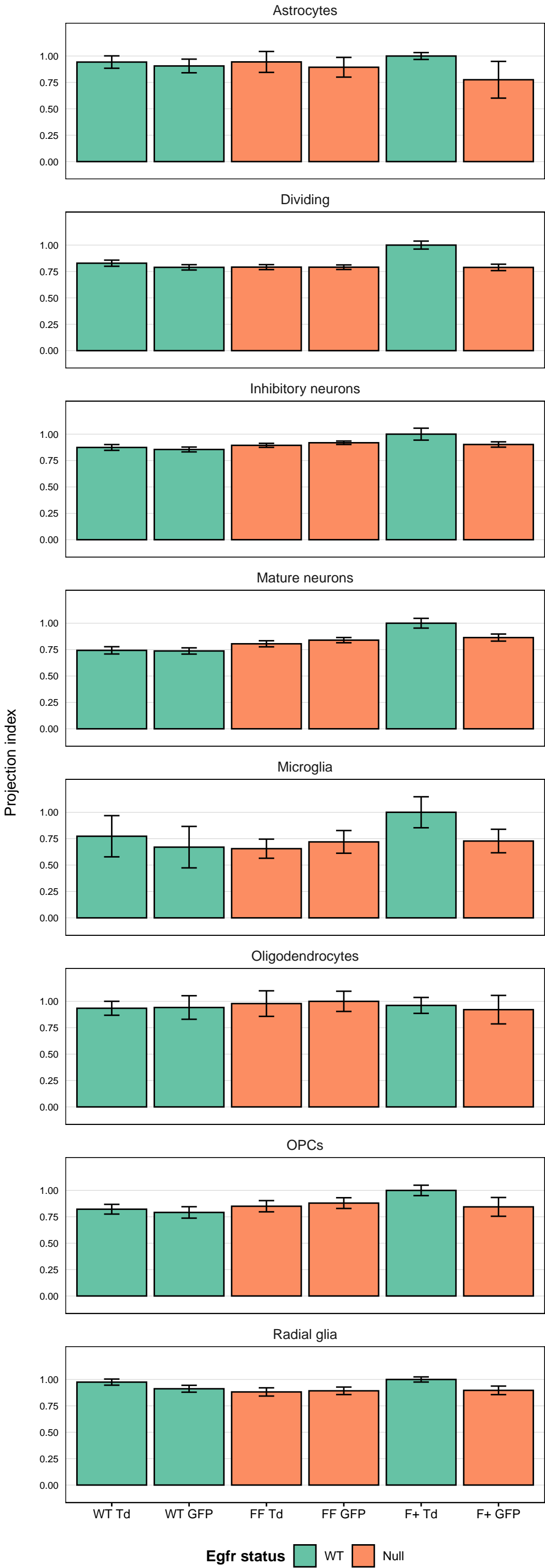
Bicor-None_signum0.607_minSize20_merge_ME_0.85_18566



Top genes by kME

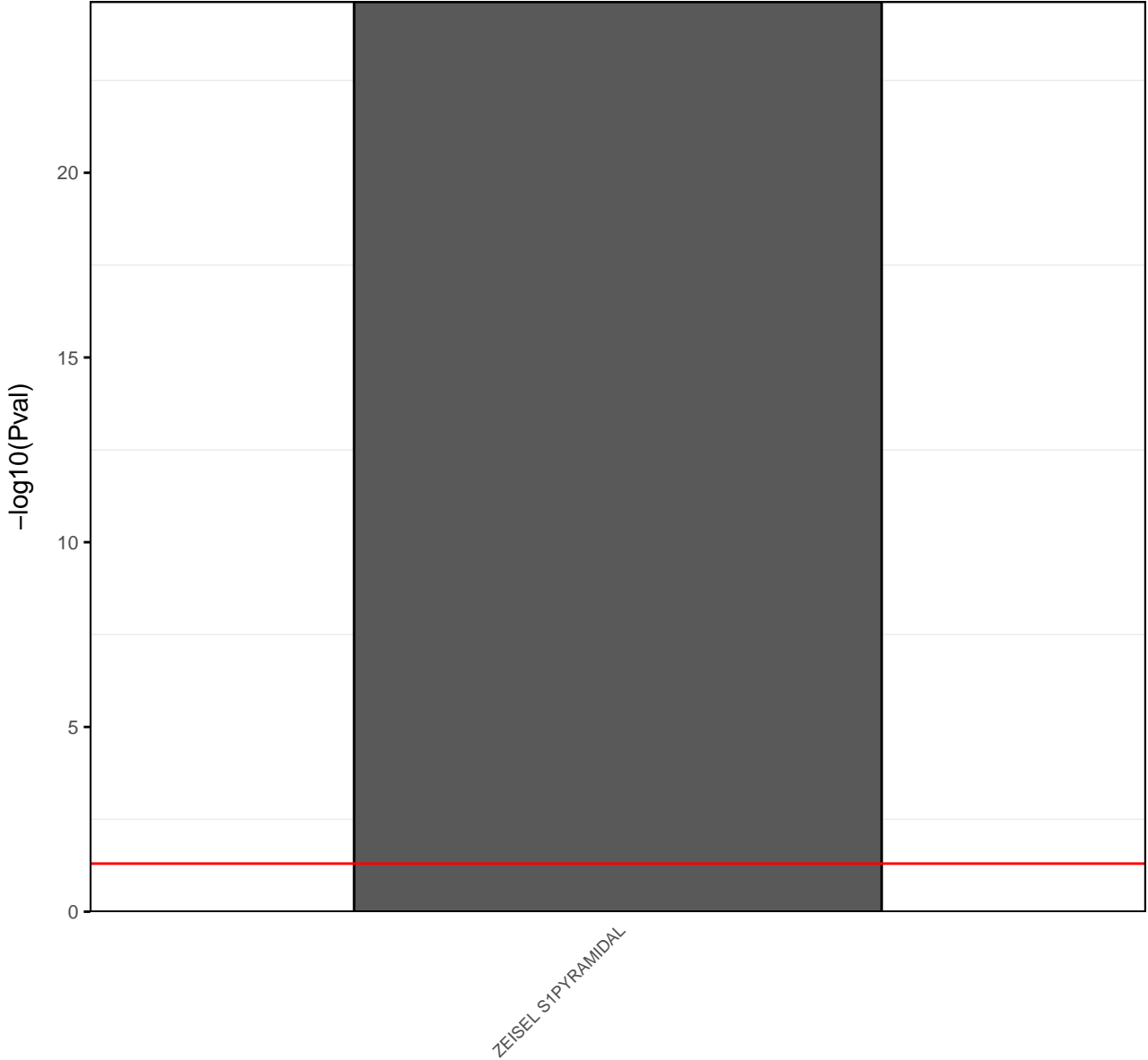
Cspg5
Rlbp1
Rgcc
Pttg1
Arhgef4
Map3k5
Scd2
Galnt16
Mcu
Tubb3
Mfhas1
Rangap1
Mfsd2a
Snap91
Spock2
Acsbg1
Zdhhc2
Pfn2
Tubb5
Glud1



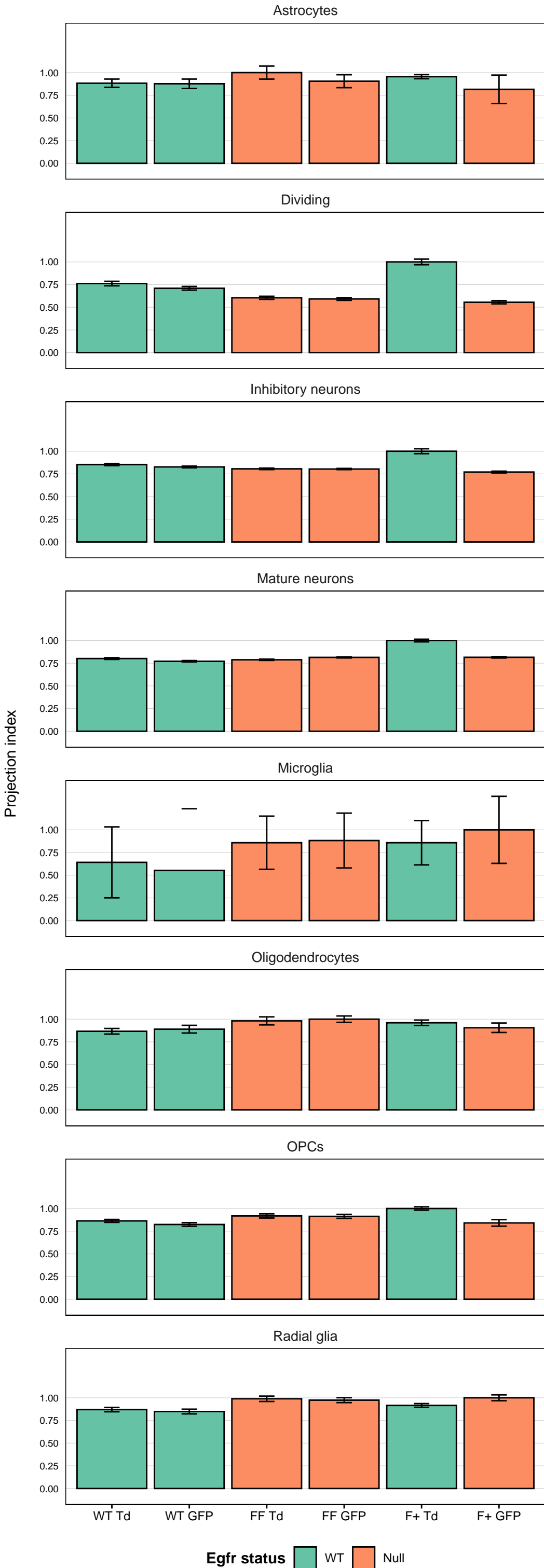


Top genes by kME

- Cadm2
- Kcnh1
- Fhod3
- Sorcs1
- Pdzd2
- Tspan5
- Ldlrad4
- Klh1
- Frmpd4
- Kcnh5
- Rgs6
- Lhfp
- Ptpk
- Rorb
- Tmtc1
- Adgrl2
- Ablim1
- Klh29
- Carmil1
- Gucy1b1



yellow module
Top 100 by kME
Bicor-None_signum0.607_minSize20_merge_ME_0.85_18566



Top genes by kME

9630028H03Rik

Ebf1

Gpr158

Pde10a

Rarb

Frem2

Vstm2l

Camk2n1

Sgcz

Pde7b

Pld5

Dach1

Gm15155

Klf9

Rora

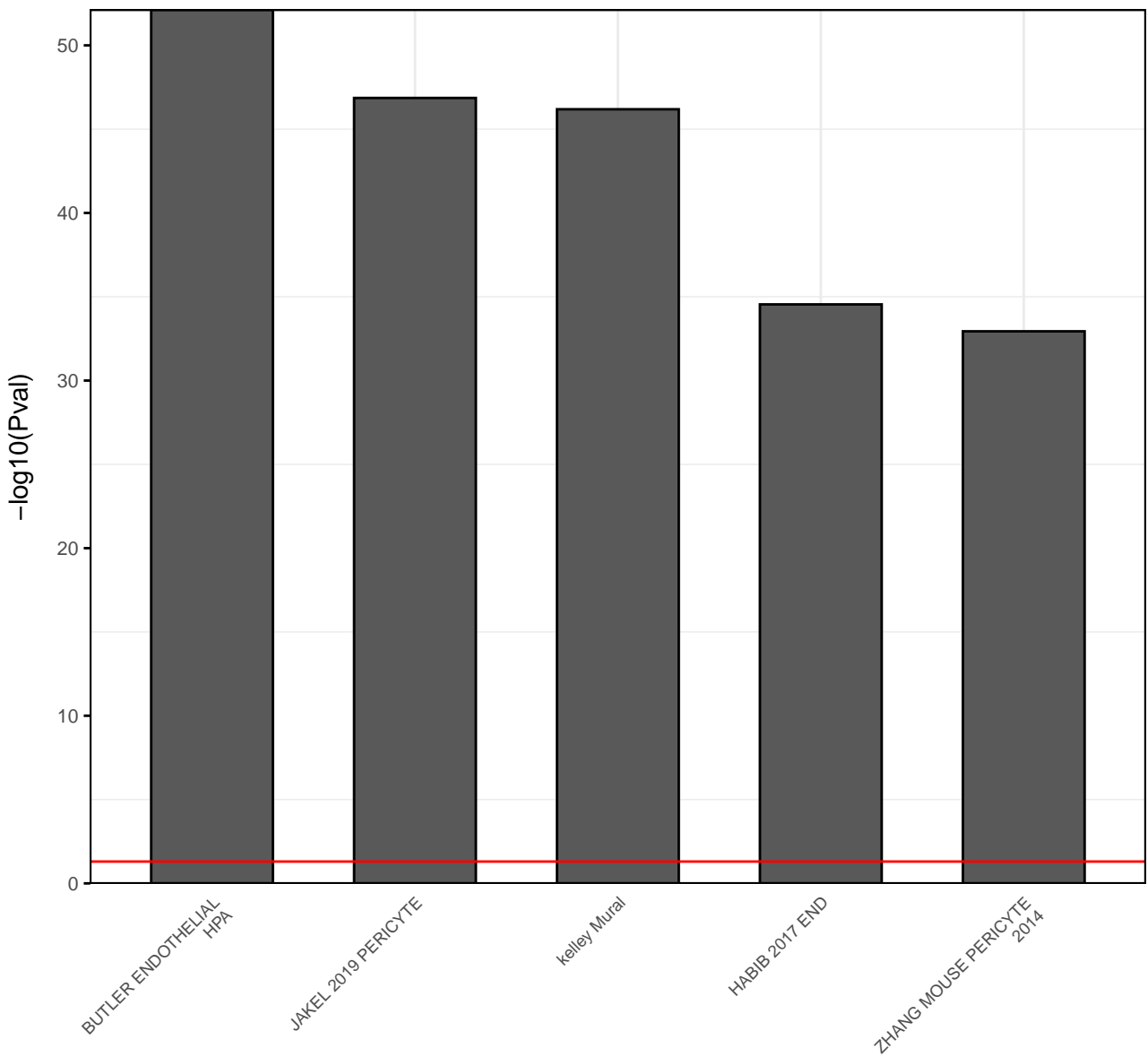
Ano3

Gal3st1

Shc4

Fat3

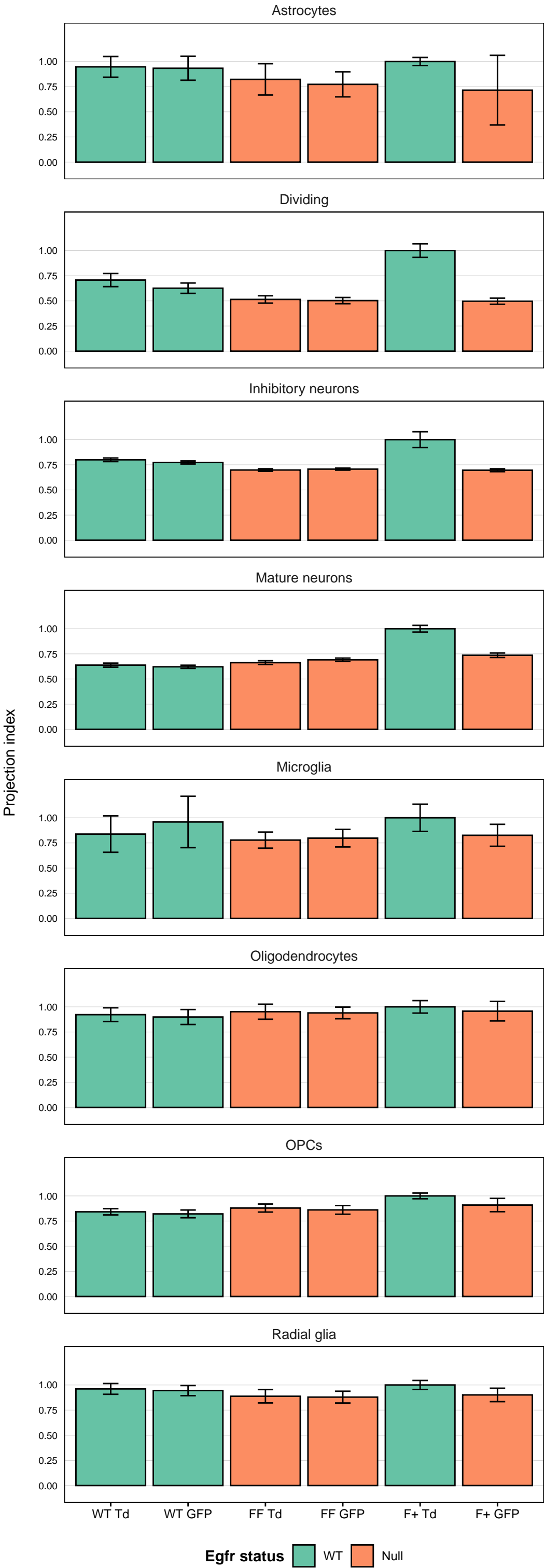
Prickle2



cyan module

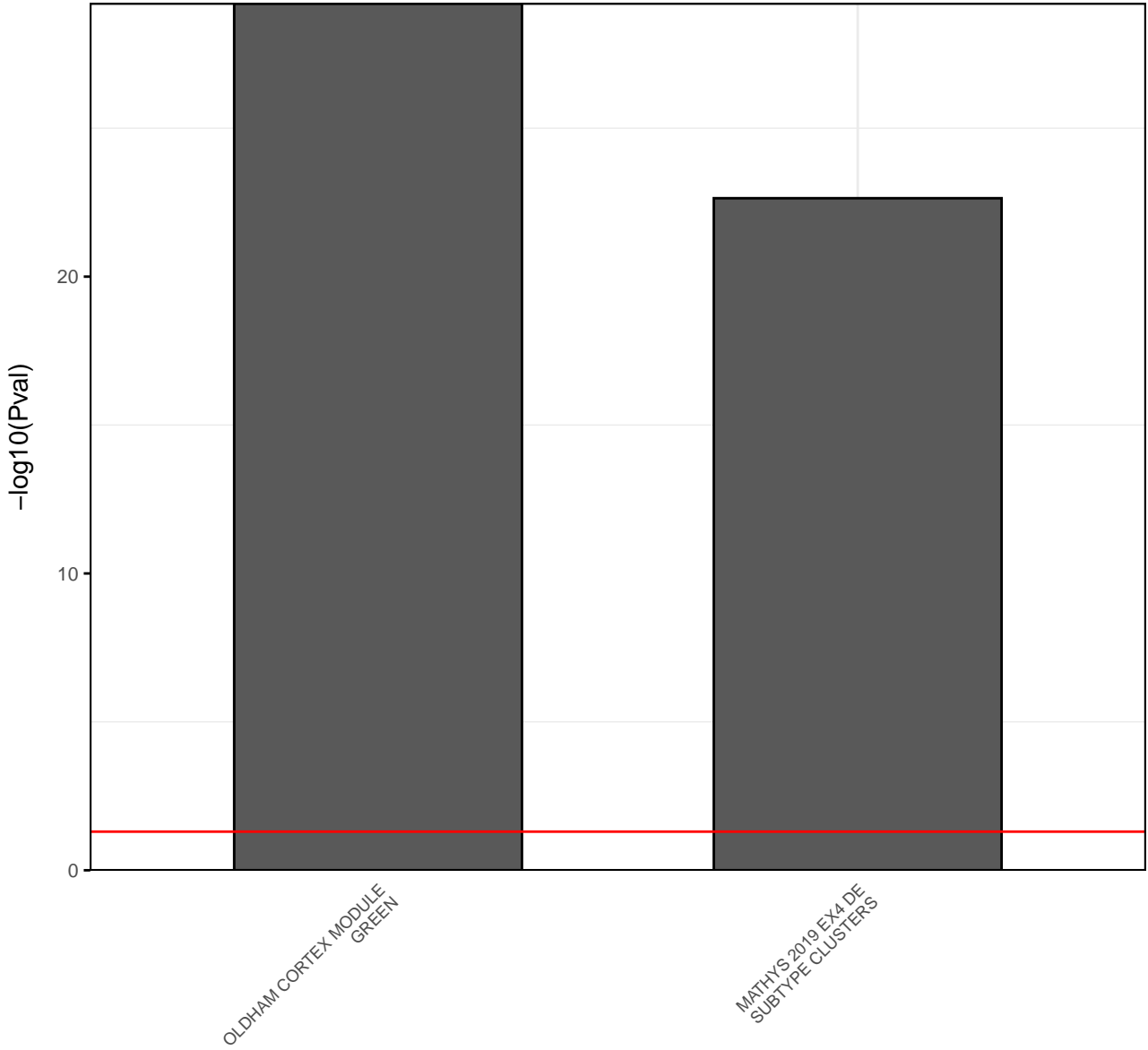
Top 100 by kME

Bicor-None_signum0.551_minSize15_merge_ME_0.85_18566

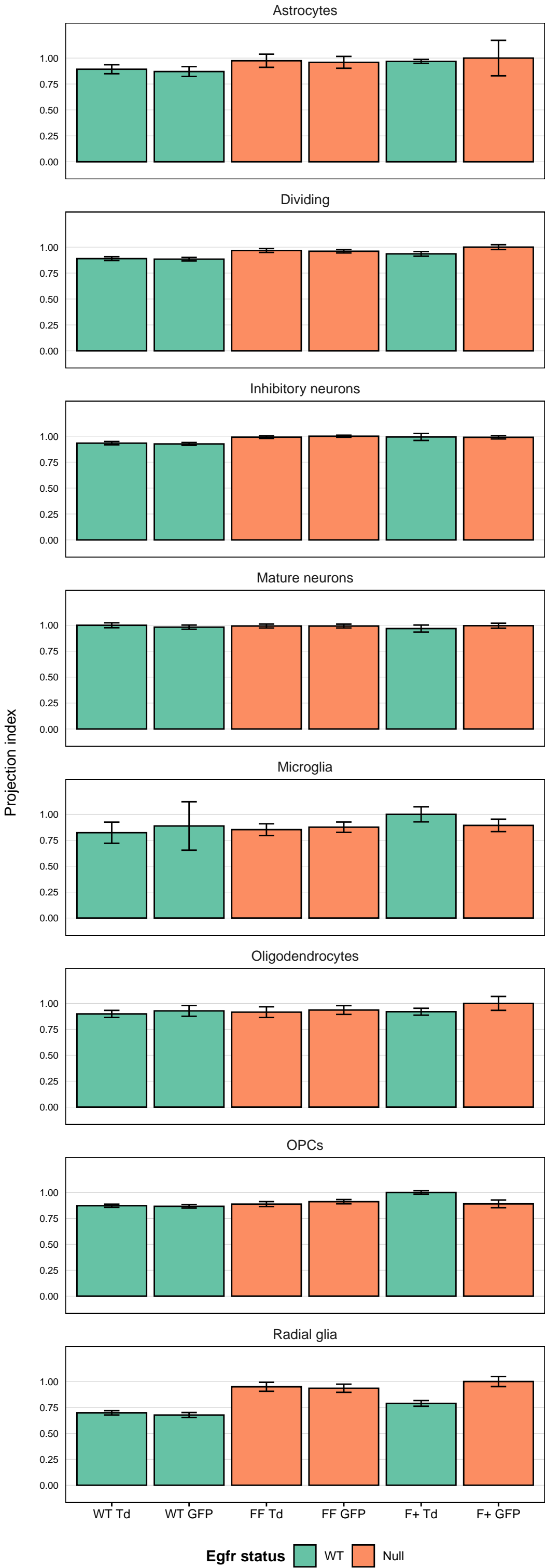


Top genes by kME

Enc1
Grm3
Atp8a1
Cdh10
Ralgapa2
Mpped2
Garnl3
Prickle1
Grm8
Adcy2
Ppp1r14c
Pag1
Mpped1
Nrg1
Kcnt2
Klf8
Vcan
Ncald
Nrg3
Syndig1

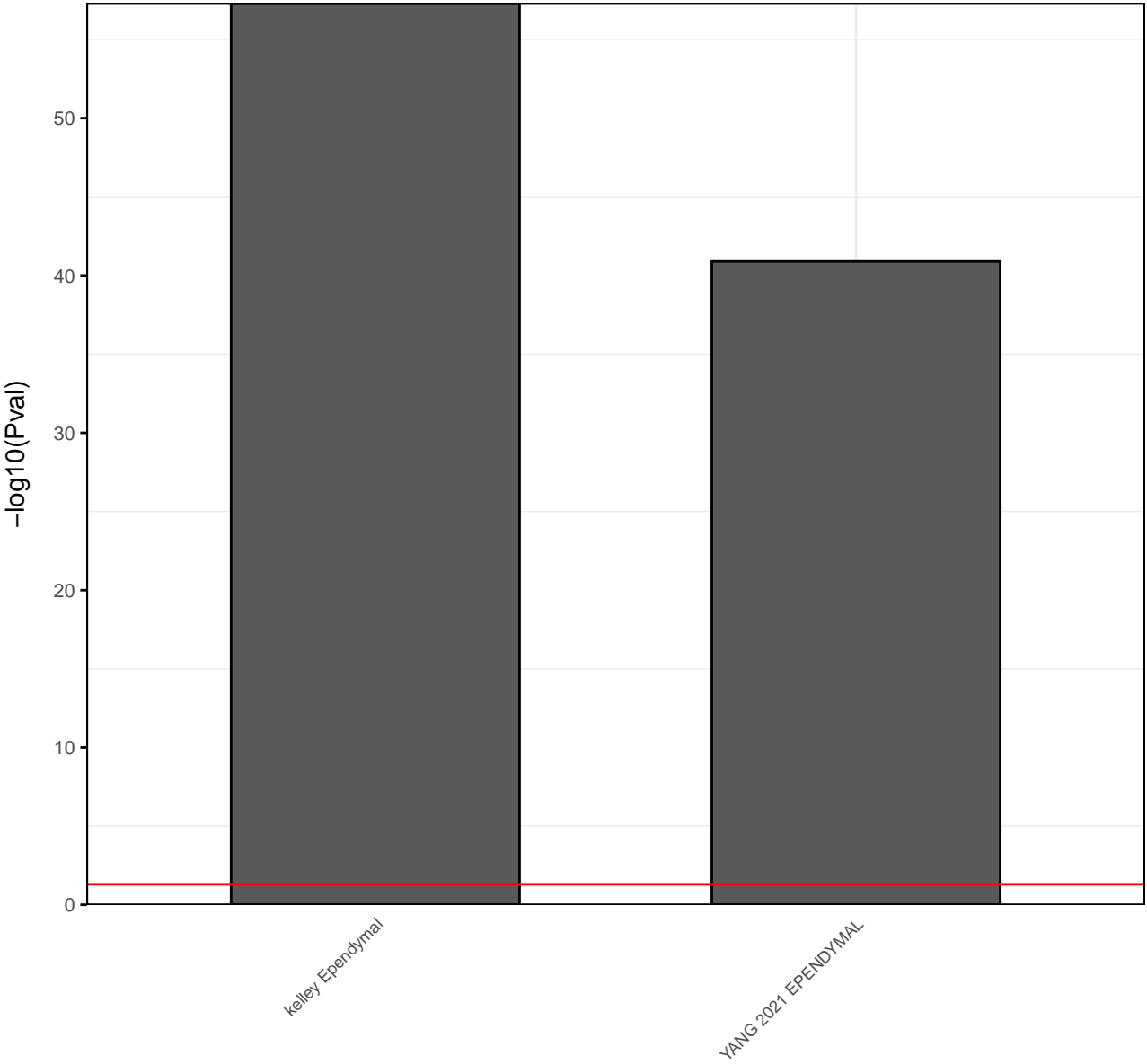


pink module
Top 100 by kME
Bicor-None_signum0.529_minSize20_merge_ME_0.85_18566

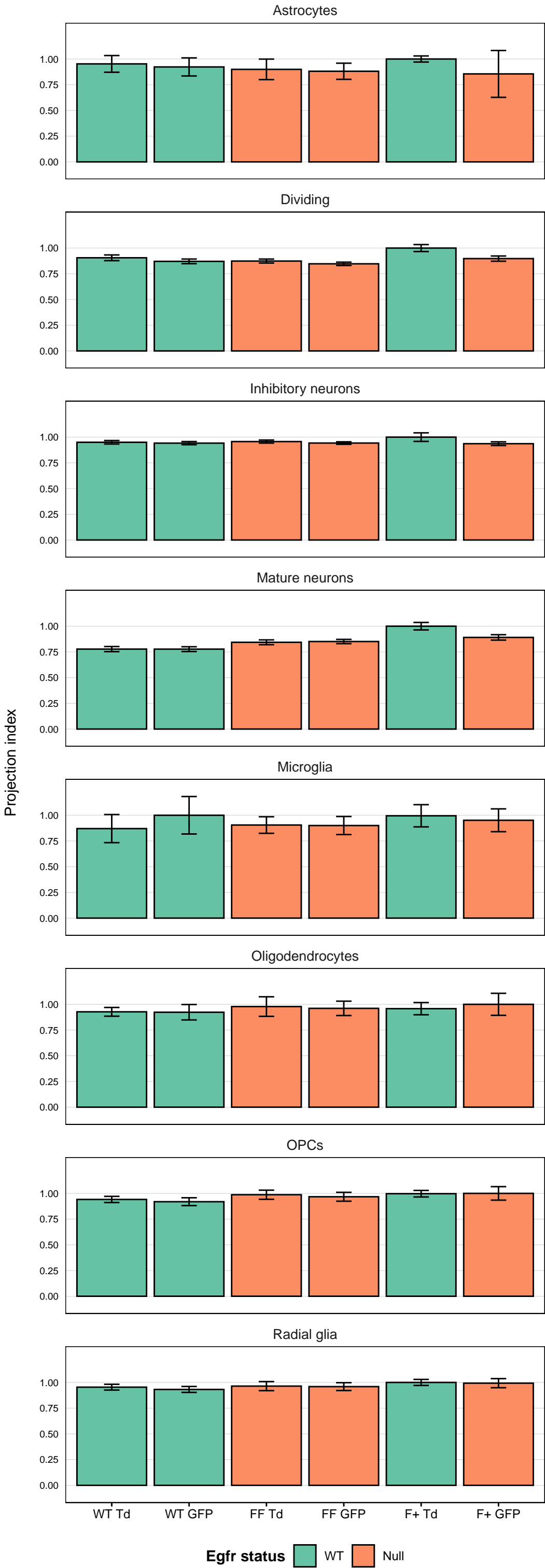


Top genes by kME

Hopx
Emx2os
Rerg
Nr4a3
Nrp1
Lix1
Nr3c2
Lhx9
Islr2
Dcc
Dnah9
Tac2
Wdr49
Sema3e
Spf2
Igfbpl1
Fgfr1
Shisa6
Cfap54
Gria1

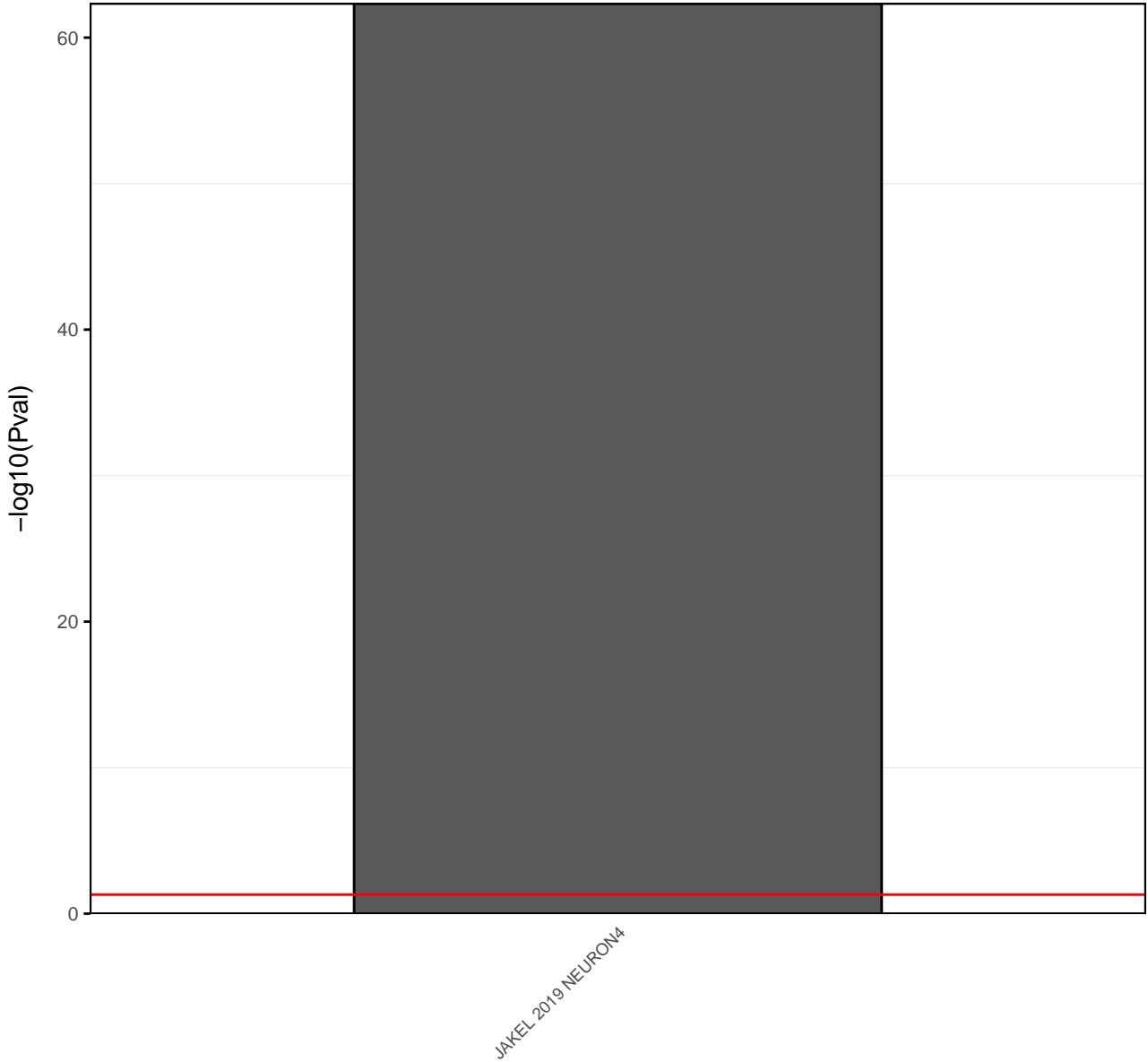


turquoise module
Top 100 by kME
Bicor-None_signum0.529_minSize20_merge_ME_0.85_18566

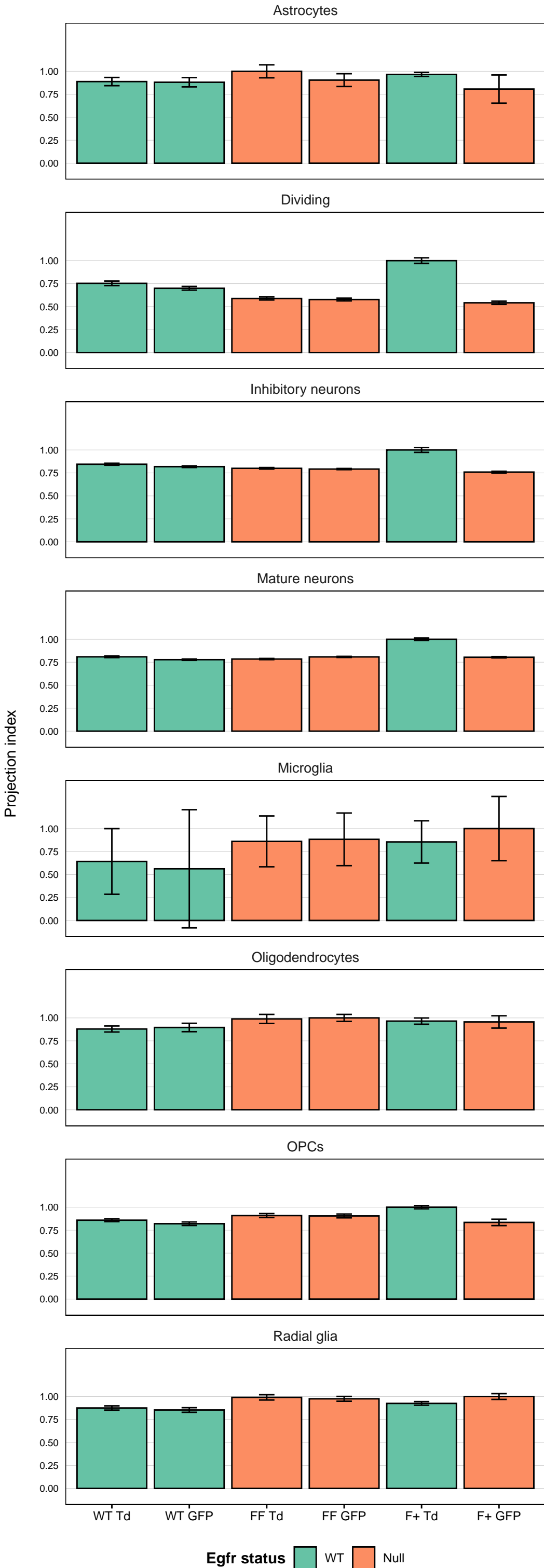


Top genes by kME

Gm47423
Gm29521
Fezf2
Sema6a
Plk1
Arc
2900079G21Rik
Arhgap11a
Nfia
1700016P03Rik
Fosb
Dlgap1
Egr3
Auts2
Grp
Incenp
Egr1
Nfix
Junb
Tmsb10

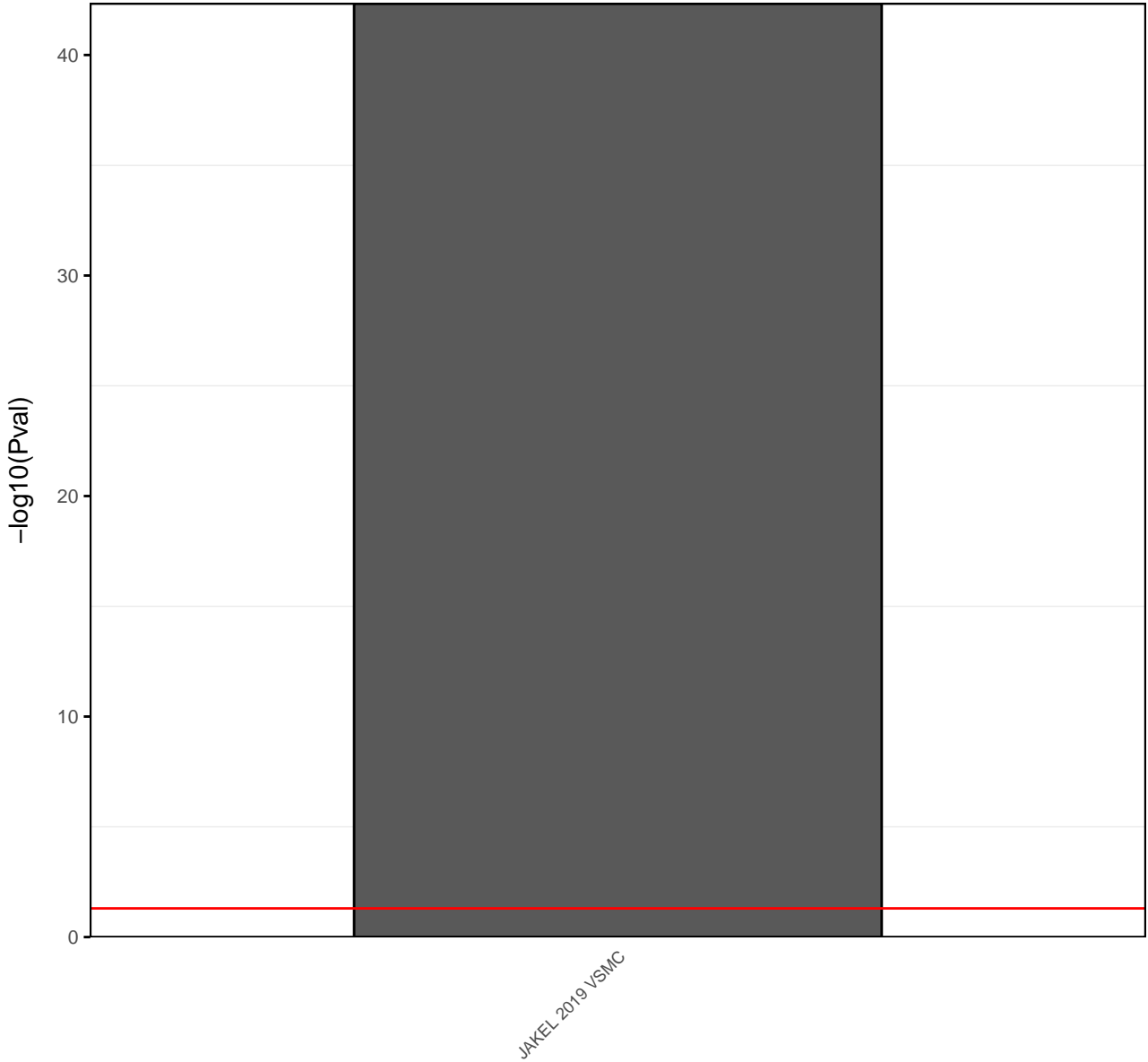


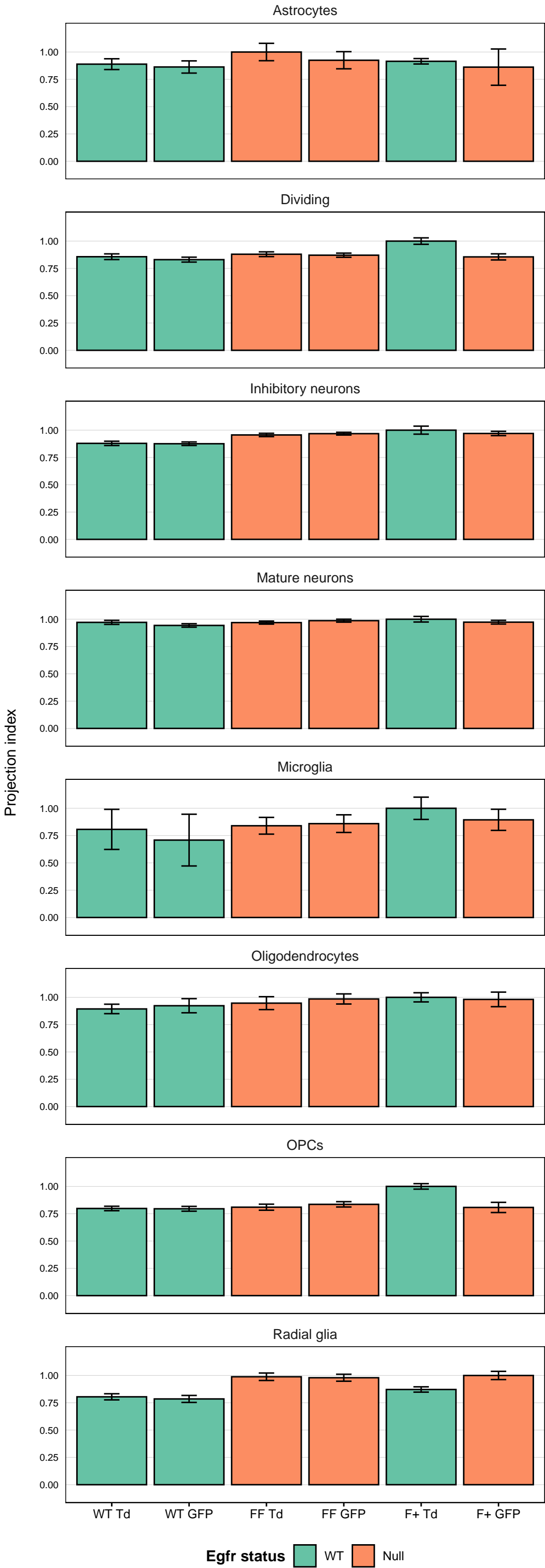
brown module
Top 100 by kME
Bicor-None_signum0.529_minSize12_merge_ME_0.85_18566



Top genes by kME

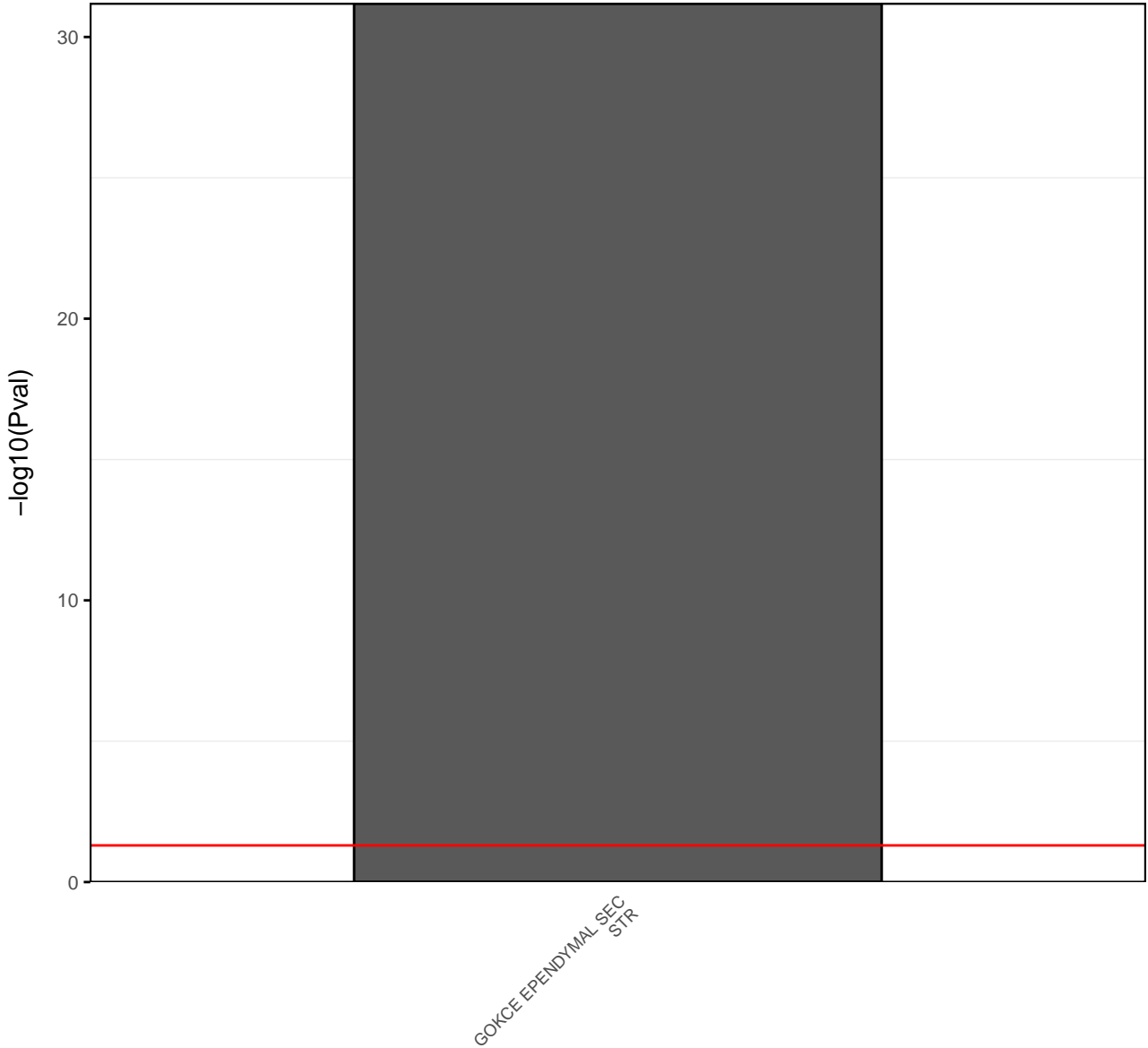
Slc7a11
Cxcl12
Adam12
Mrc1
Eya2
Svil
Bmp6
Bicc1
Ror1
Adamts12
Zic4
Cfh
Ano6
Pmp22
Lama2
Prrx1
Notch2
Igf2
Dab2
Islr



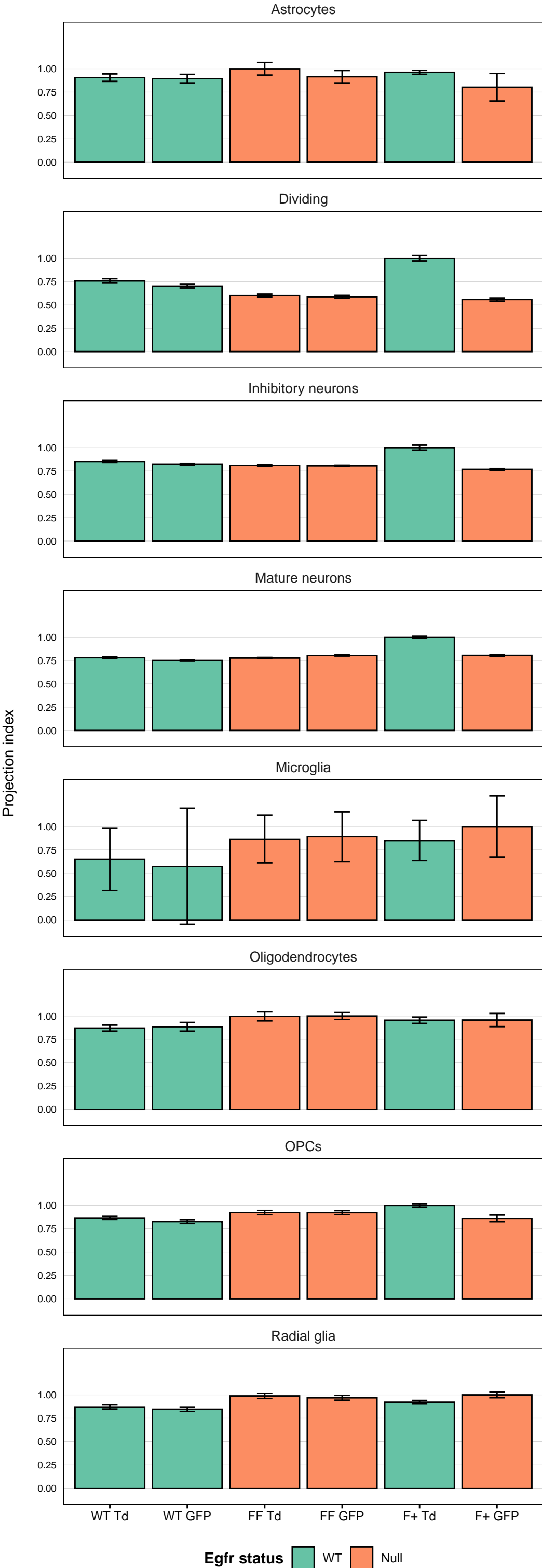


Top genes by kME

Iqgap2
Mitf
Pappa
Mertk
Mt1
Slit2
Mt2
Otx2os1
Naaa
Cebpd
Zfp608
Fbln2
Pde1c
Megf11
Fndc3b
Prex2
Pip5k1b
Tshz1
Lhx9
Kif6

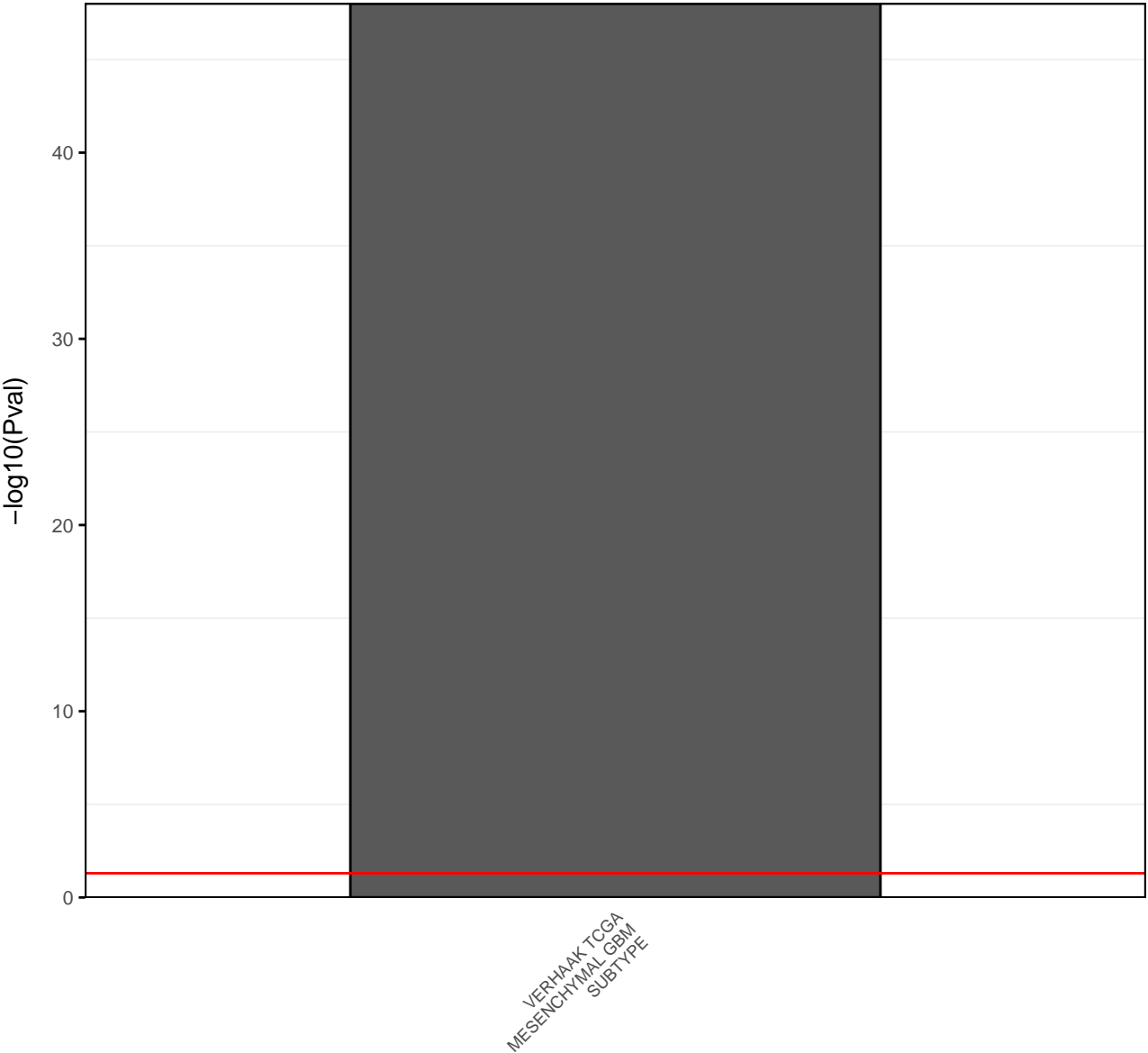


green module
Top 100 by kME
Bicor-None_signum0.69_minSize15_merge_ME_0.85_18566

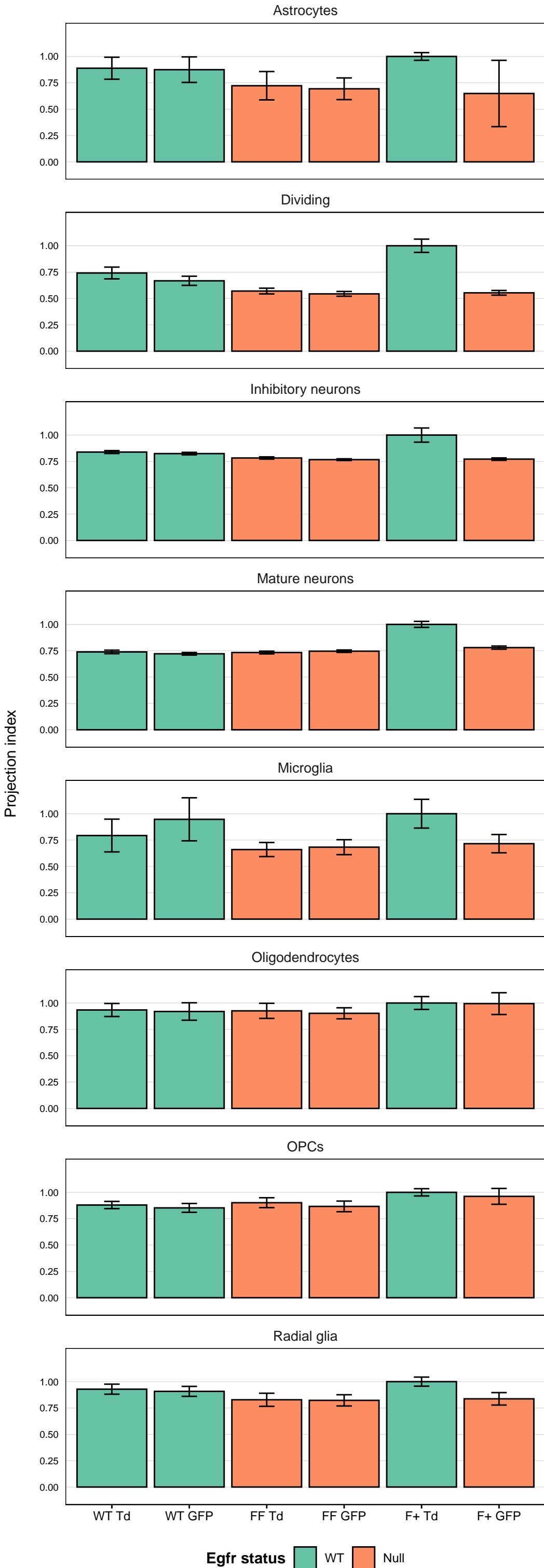


Top genes by kME

Sh3kbp1
Stxbp6
Ranbp1
Eil2
Ccadc34
Scg2
Ntng2
Ina
Anp32b
Mid1
Rcan2
Omg
Mlf1
Ppp1r15a
Neurod2
Enox1
Arx
Clvs1
Shtn1
Basp1

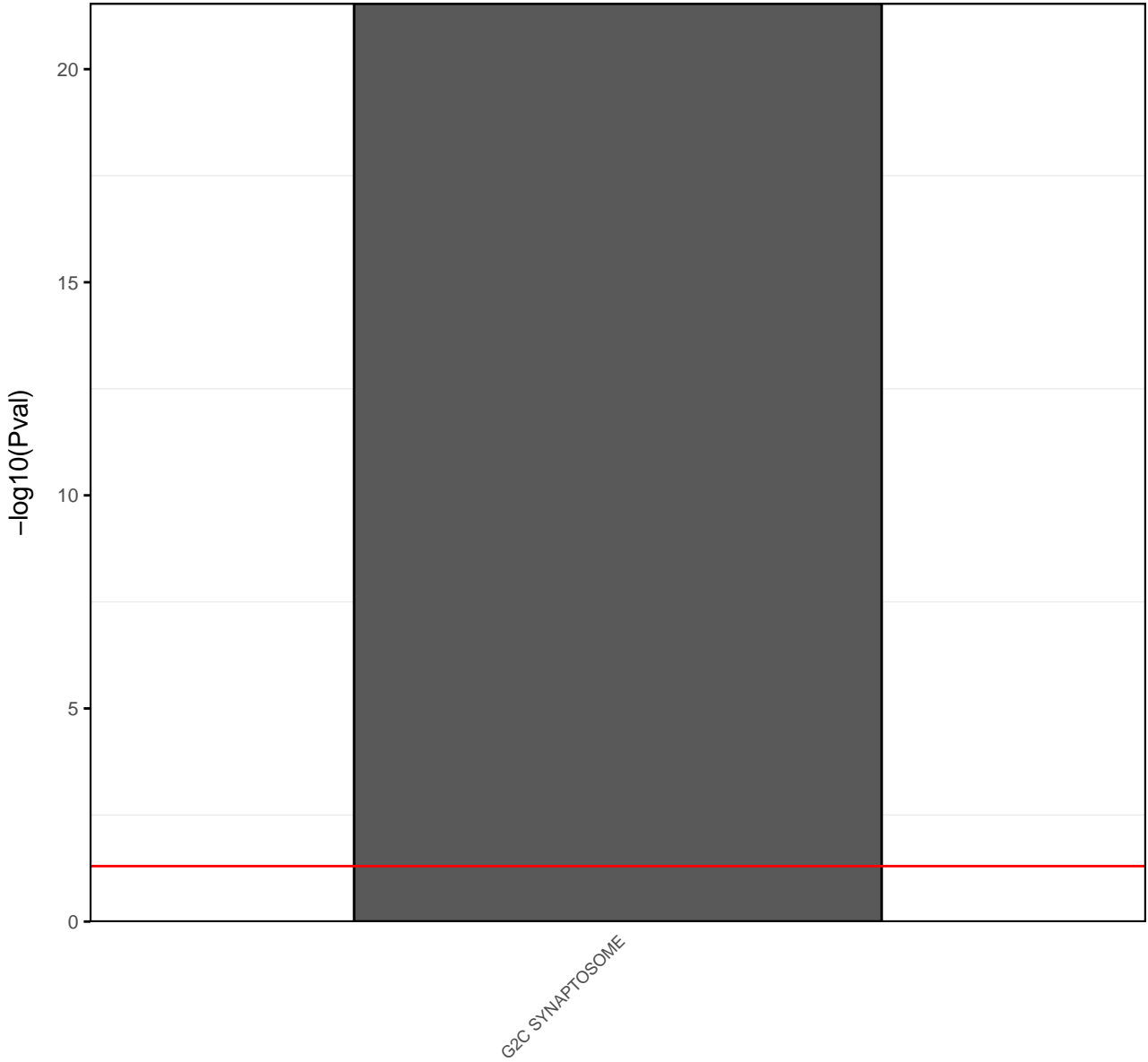


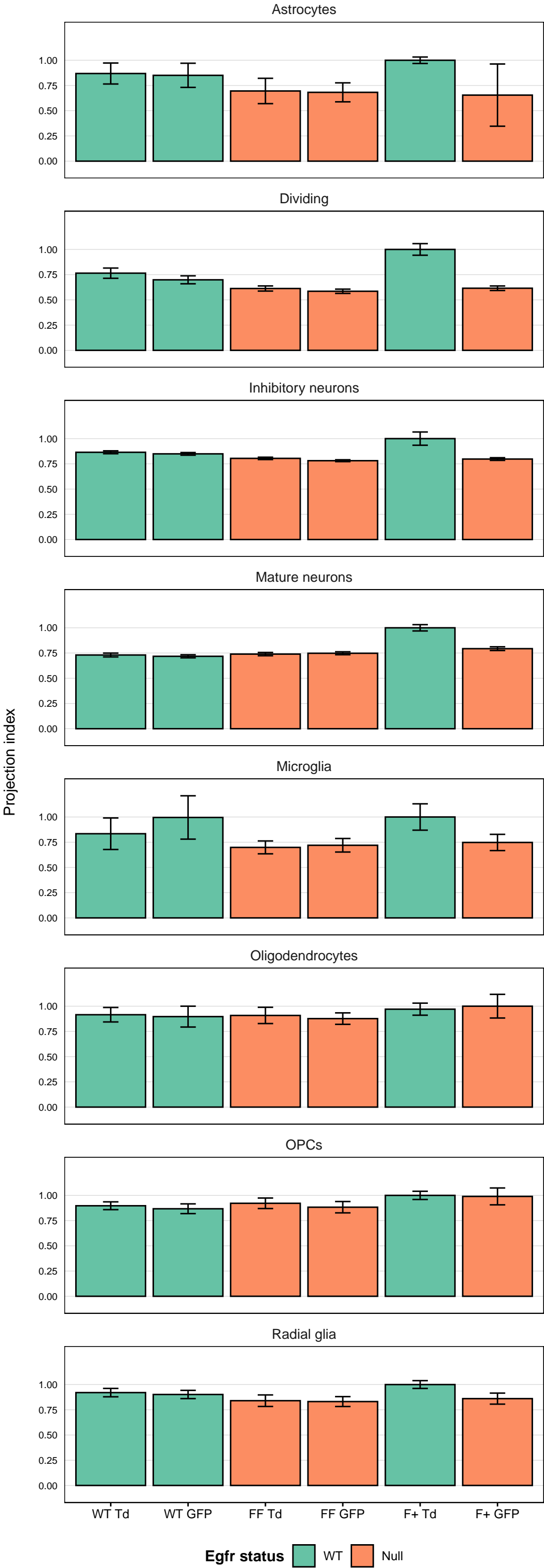
greenyellow module
Top 100 by kME
Bicor=None_signum0.69_minSize15_merge_ME_0.85_18566



Top genes by kME

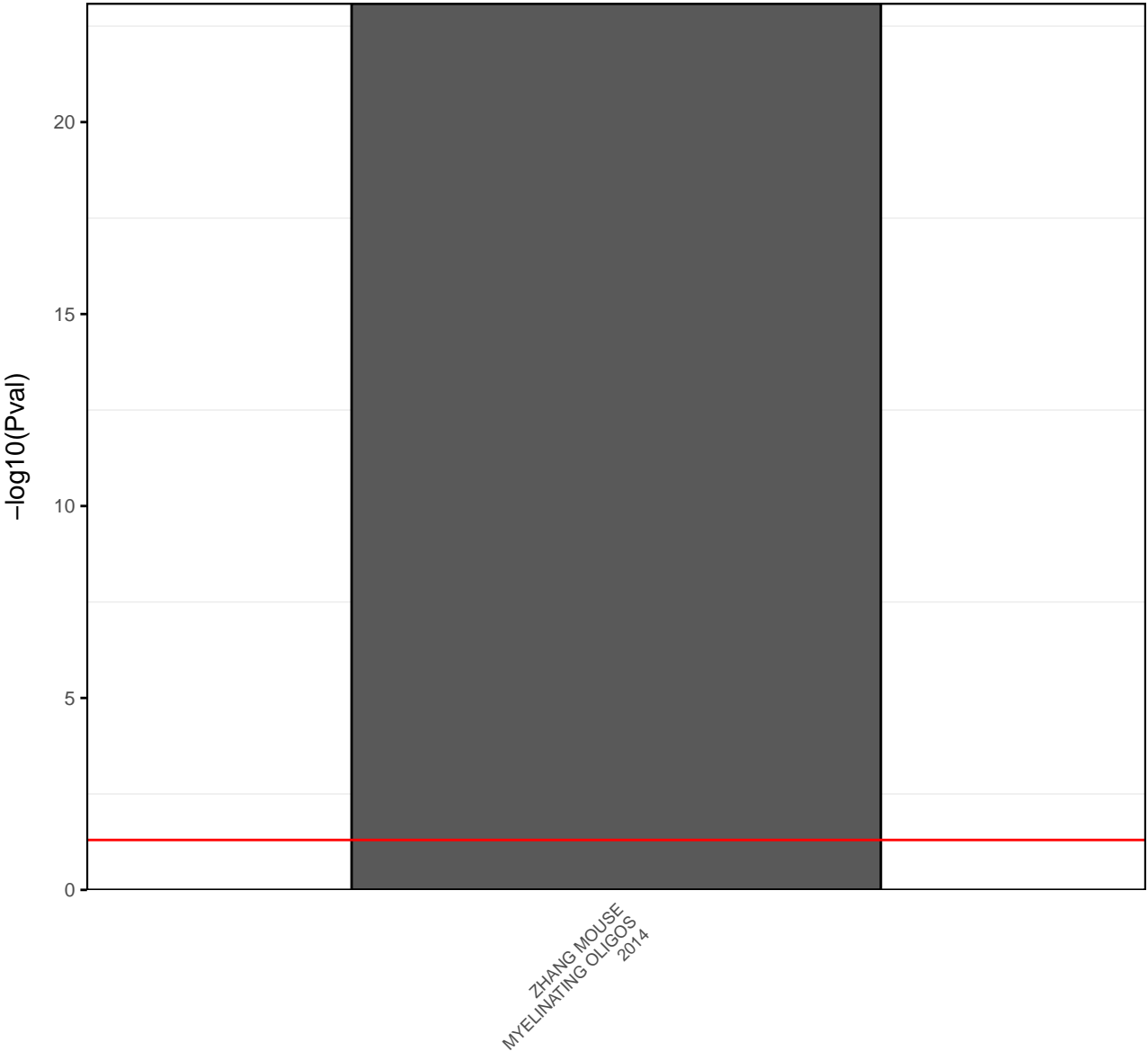
Acsbg1
Cspg5
Gpr37l1
AW047730
S100a16
Rgcc
Mbp
Bcan
Scd2
Spock2
Tst
Tubb4b
Cdo1
Metrn
Slc6a11
Tubb3
Rlbp1
Aldh1l1
Rangap1
Cnp



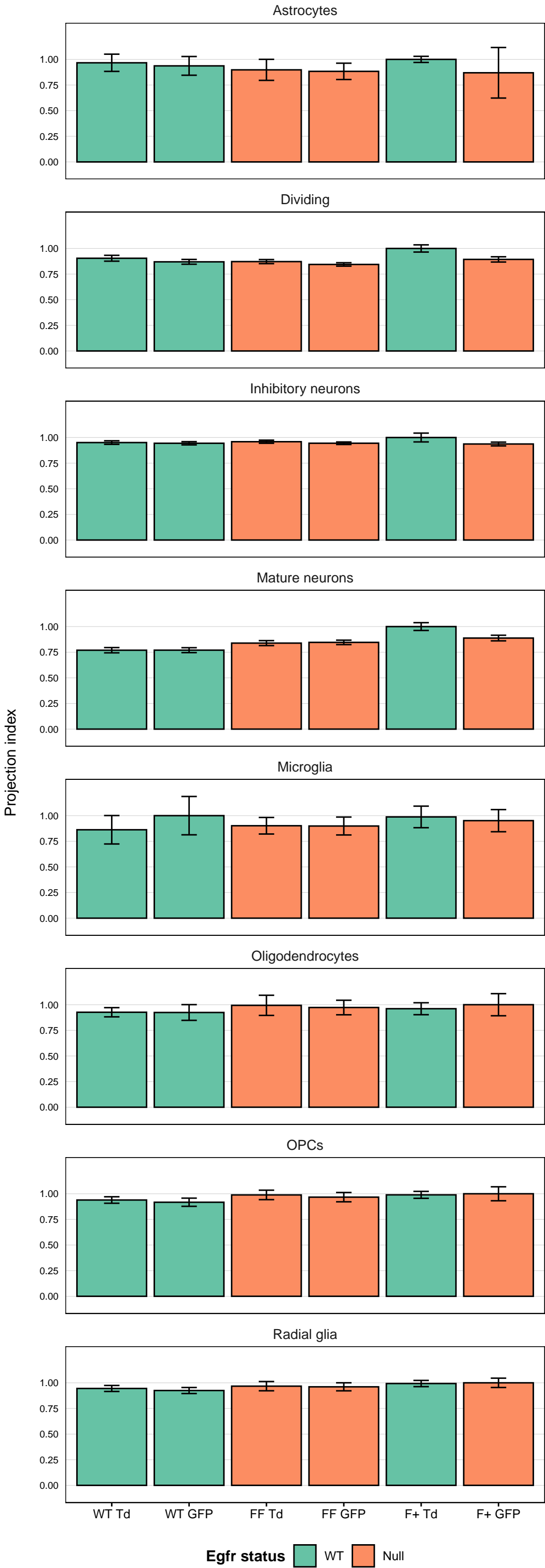


Top genes by kME

Cspg5
Rlbp1
Rgcc
Pfn2
Cnp
Gpr37l1
Tubb3
Plip
AW047730
Map3k5
Serpine2
Arhgef4
Acsbg1
Mfsd2a
Tubb4b
Scd2
Olig1
Tst
Mbp
Slc7a10

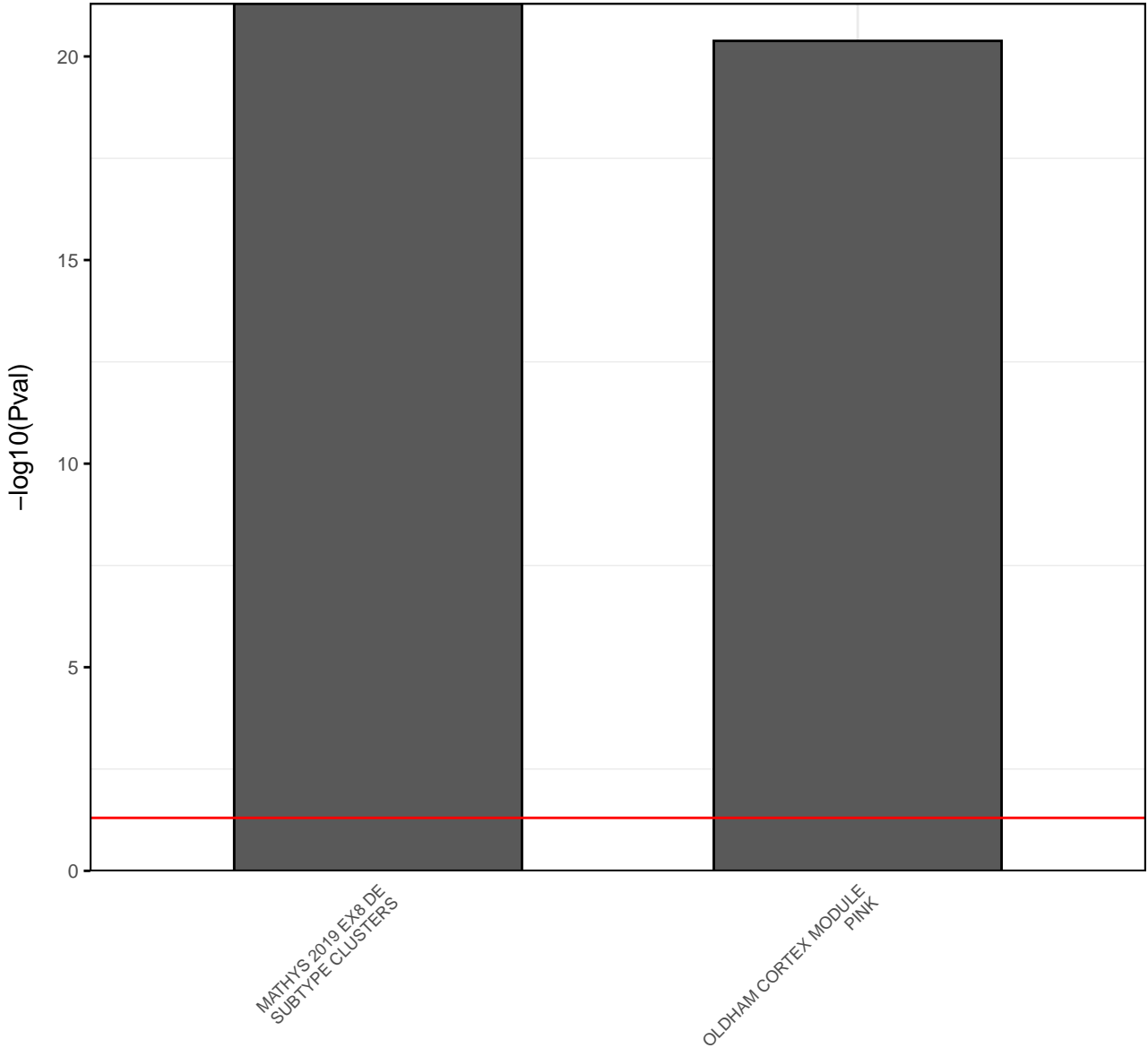


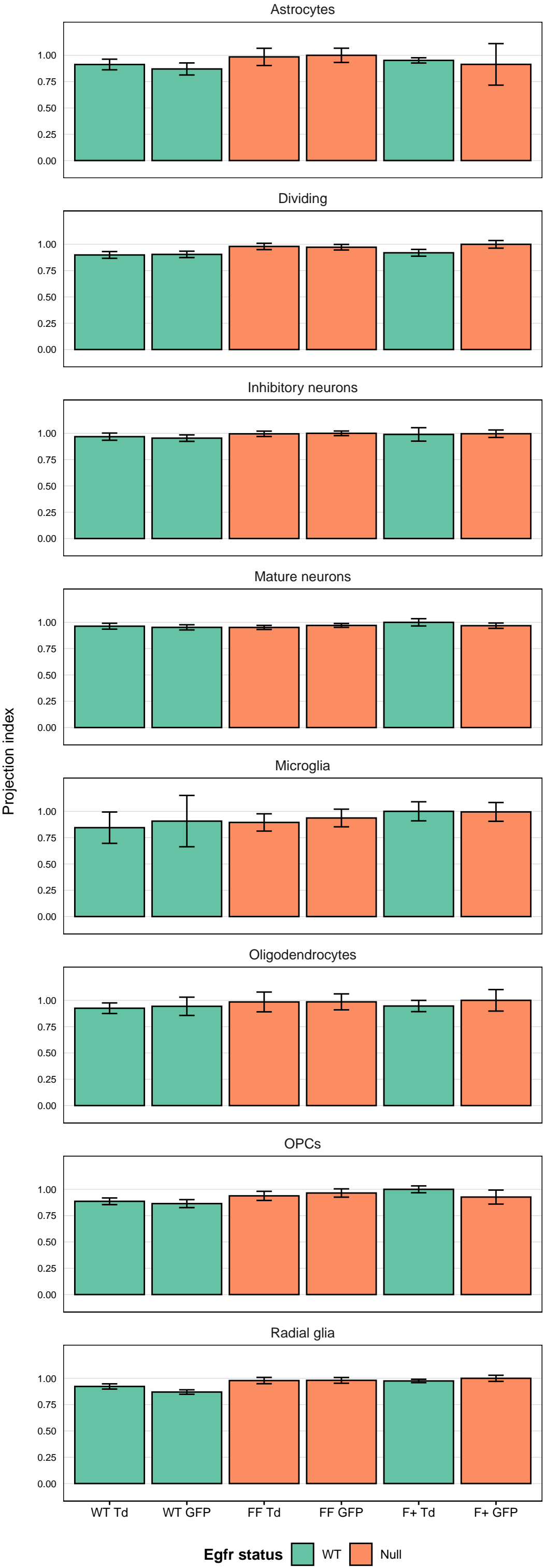
turquoise module
Top 100 by kME
Bicor-None_signum0.757_minSize12_merge_ME_0.85_18566



Top genes by kME

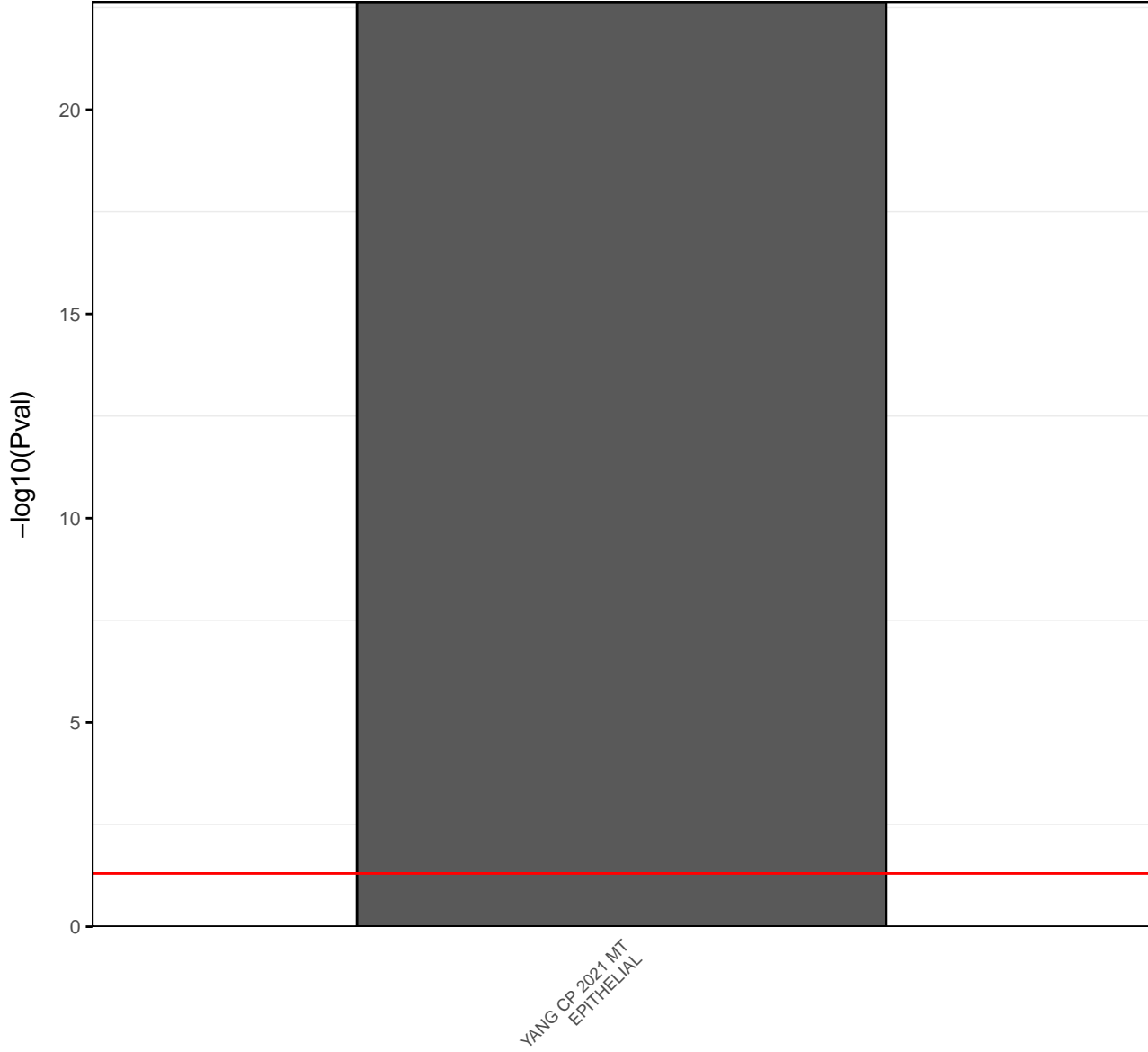
Dut
Ldha
Selenoh
Cadps
Oat
Adcy8
Grid1
Eda
Hspa5
Nell2
Ctnna2
Actr3b
Mpz11
C1qtnf4
Uchl1
Gabrg2
Brip1os
Tubb2b
Grm7
Tafa1





Top genes by kME

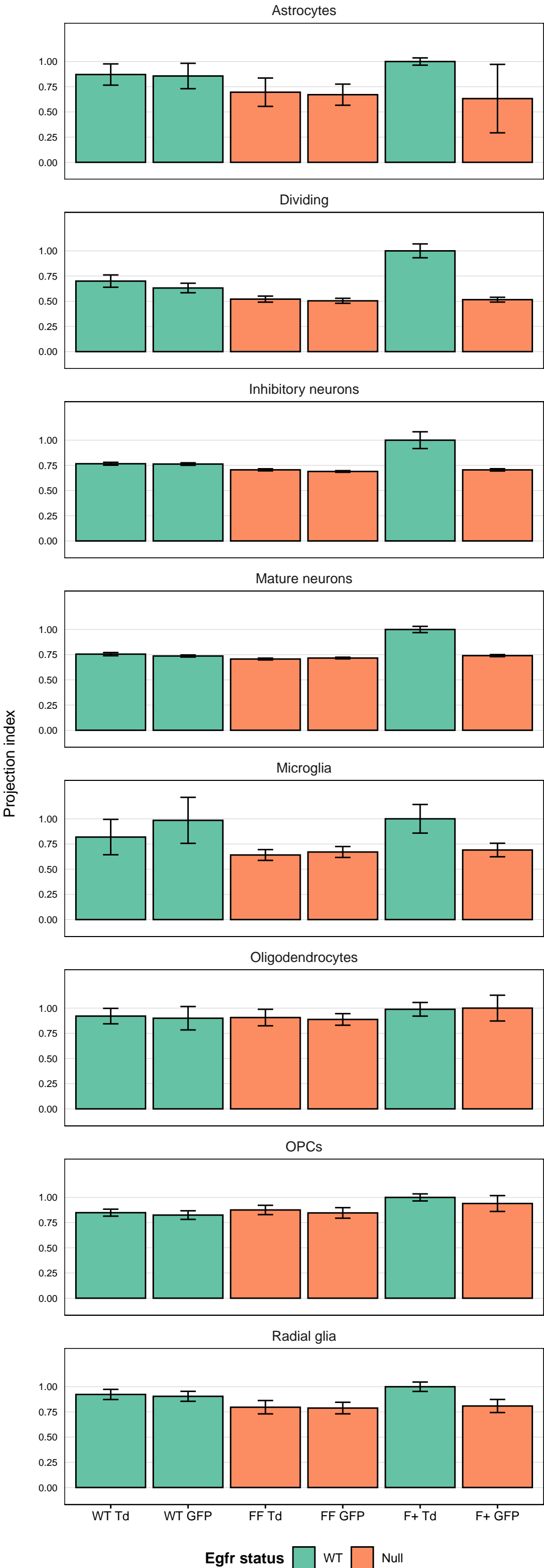
- mt-Co1
- mt-Co2
- mt-Atp6
- mt-Cytb
- mt-Co3
- Mast4
- 4933406I18Rik
- 9530059O14Rik
- Tox
- Plcl1
- Plek
- Cdkn1a
- Pclo
- Fam135b
- Dgki
- Igfbp7
- Maml3
- Neb
- Map1b
- Ank3



cyan module

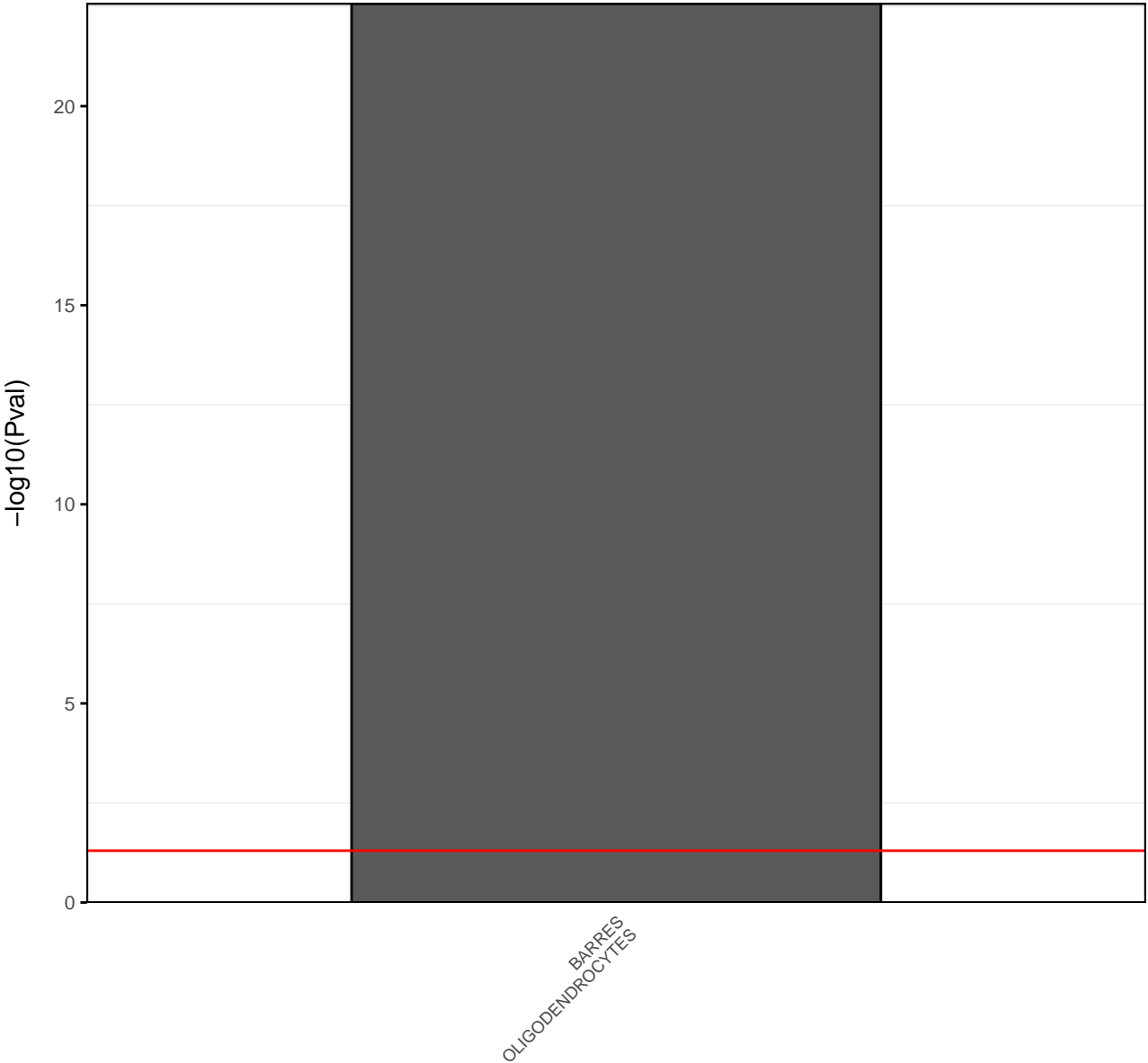
Top 100 by kME

Bicor-None_signum0.643_minSize12_merge_ME_0.85_18566



Top genes by kME

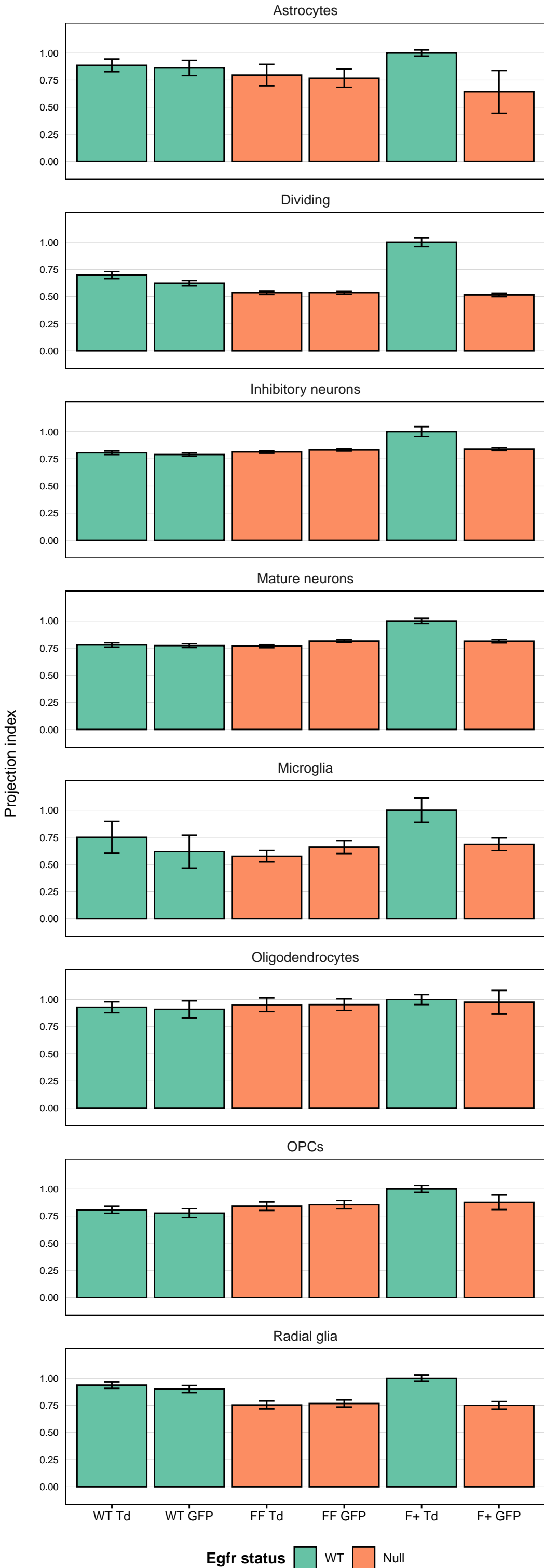
Scd1
Cnp
Slc7a10
AW047730
Sox8
Aldh1l1
Timp4
Gpr37l1
Acsbg1
Rlbp1
S100a16
Serpine2
Glud1
Mbp
Slc6a11
Olig1
Htra1
Bcan
Tmem100
Scd2



darkred module

Top 100 by kME

Bicor-None_signum0.508_minSize10_merge_ME_0.85_18566



Top genes by kME

Rarb
Pde7b
Ntn1
Frem2
Pde10a
1700025G04Rik
Ebf1
Dach1
Rgs7bp
Vstm2b
Camk2n1
Ptpm
Zfp521
Meis1
Abat
Foxp2
Galnt13
Gpr158
Rab27b
Gm35188

