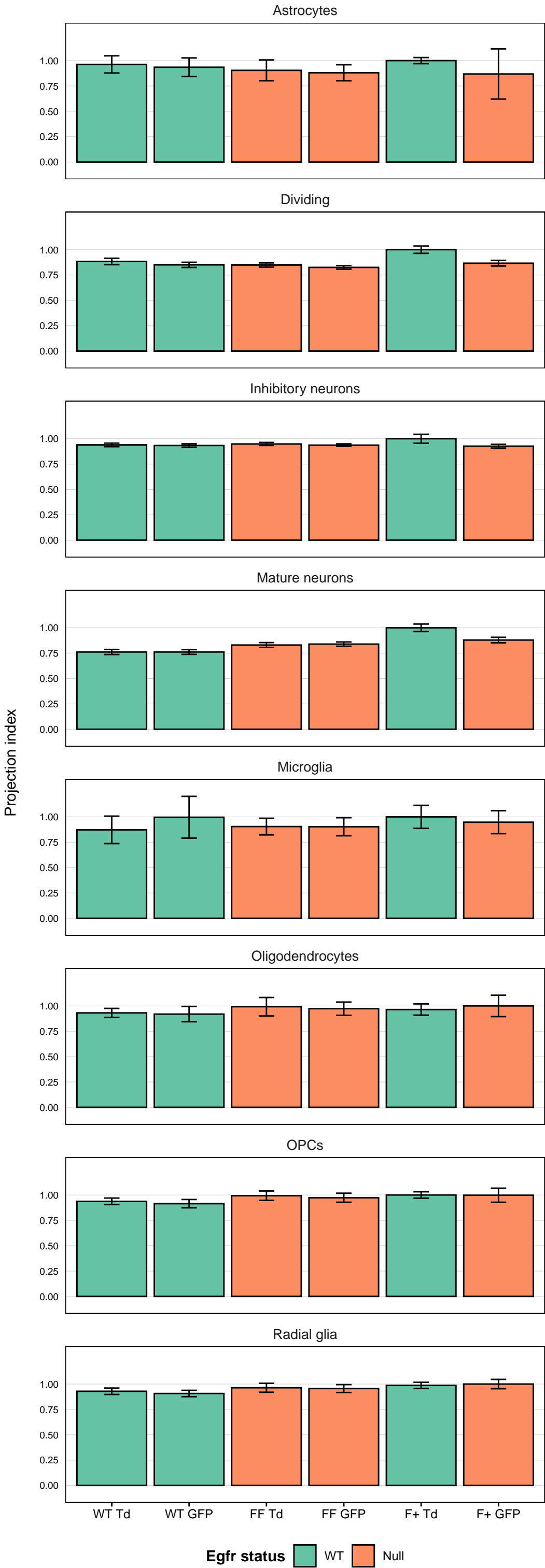
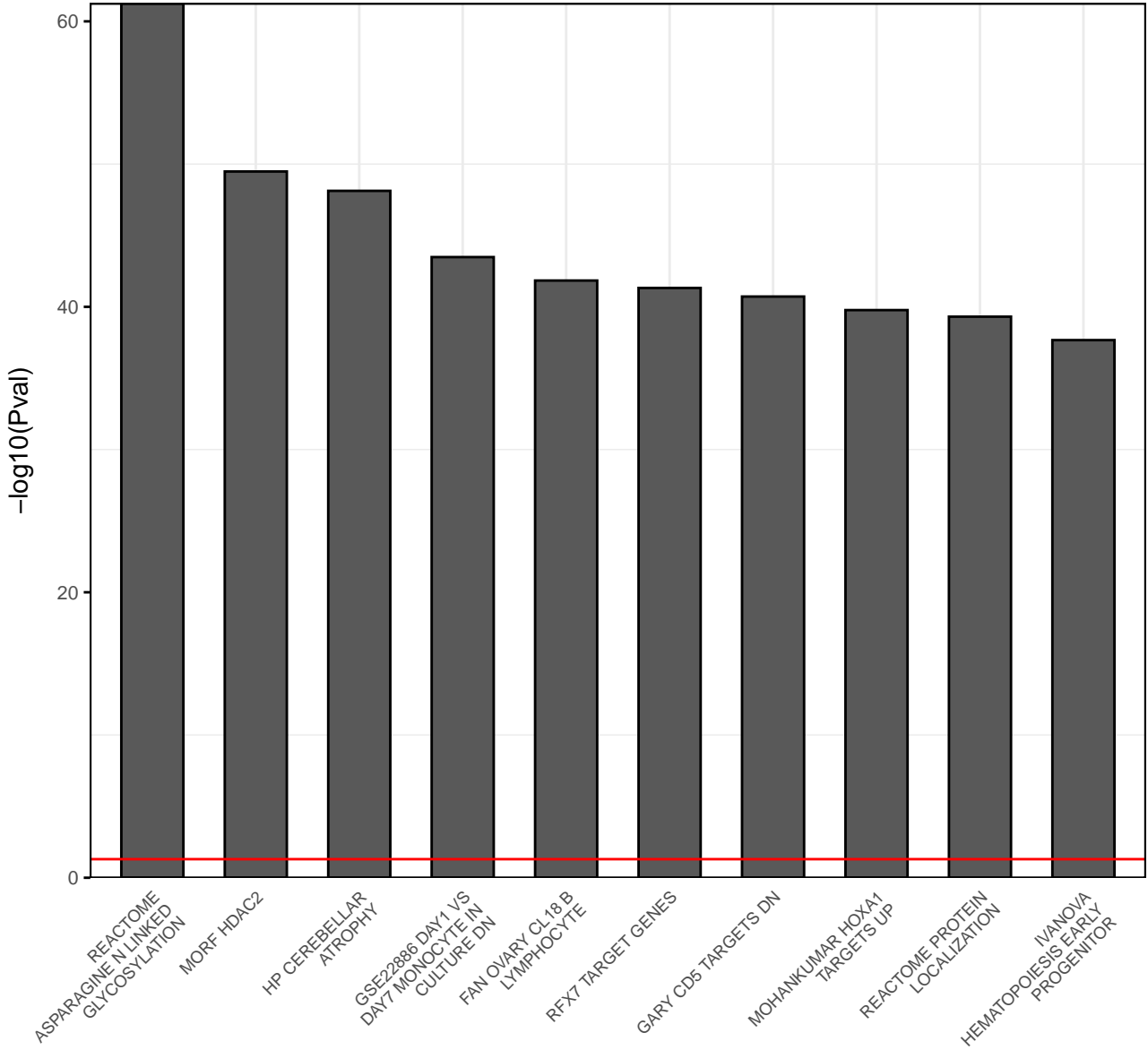


turquoise module
Top 100 by kME
Bicor-None_signum0.577_minSize20_merge_ME_0.85_18566



Top genes by kME

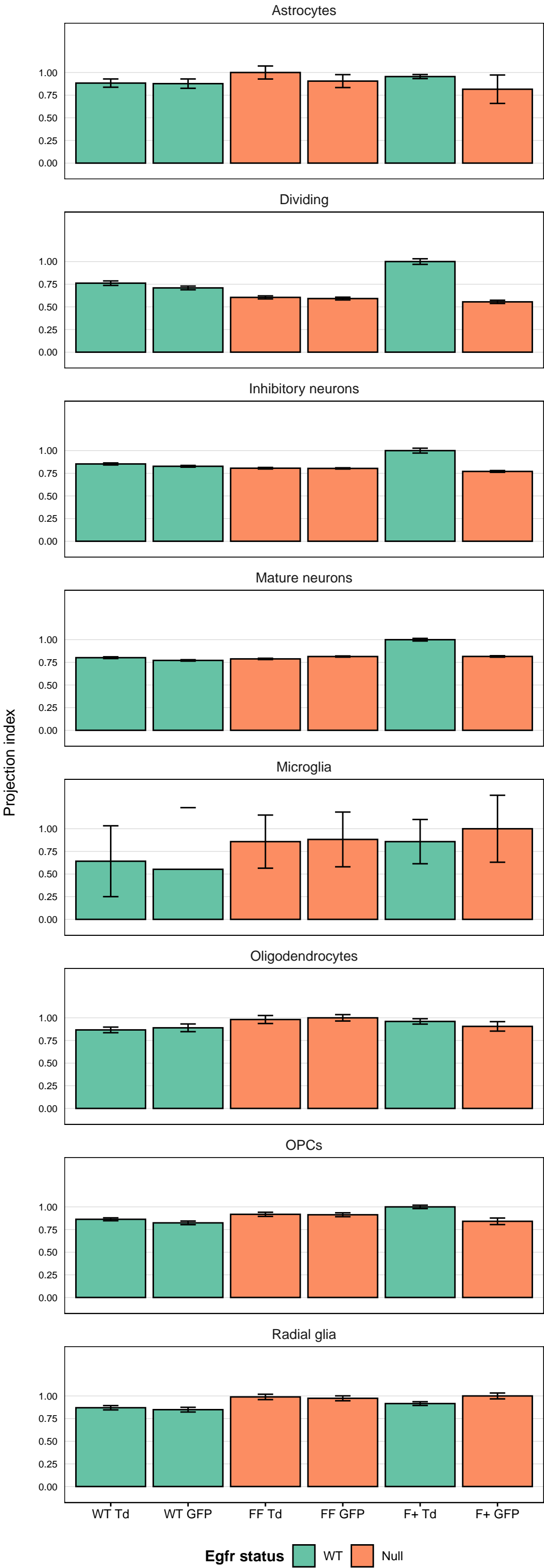
Dut
Selenoh
Hspa5
Ldha
Adcy8
Eda
Cadps
Oat
Brip1os
Grid1
Mpzl1
Cxadr
Arl6ip1
Grm7
Lrrtm4
Psap
Gabrg2
Nell2
Raly1
Add3



yellow module

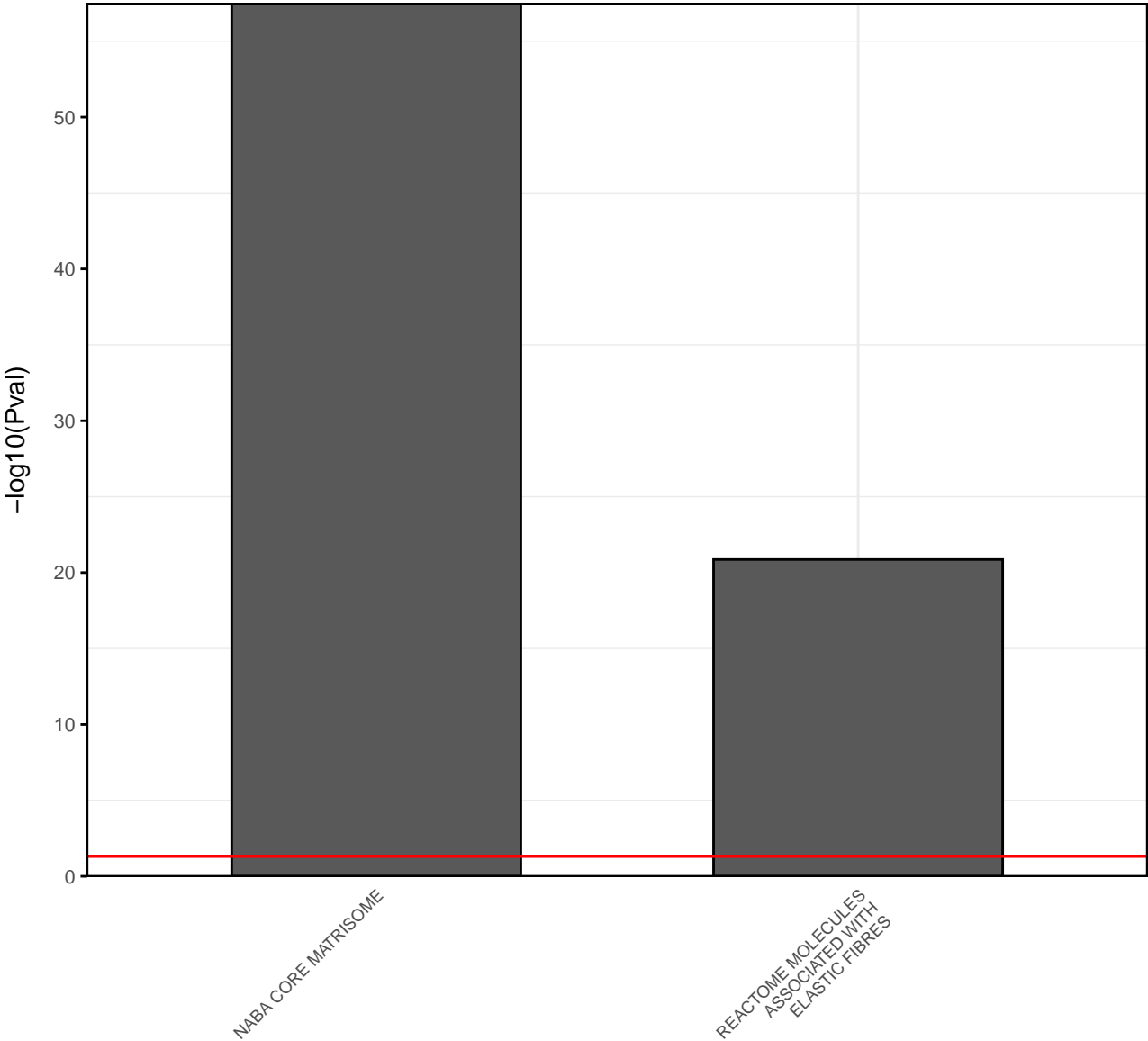
Top 100 by kME

Bicor-None_signum0.577_minSize20_merge_ME_0.85_18566

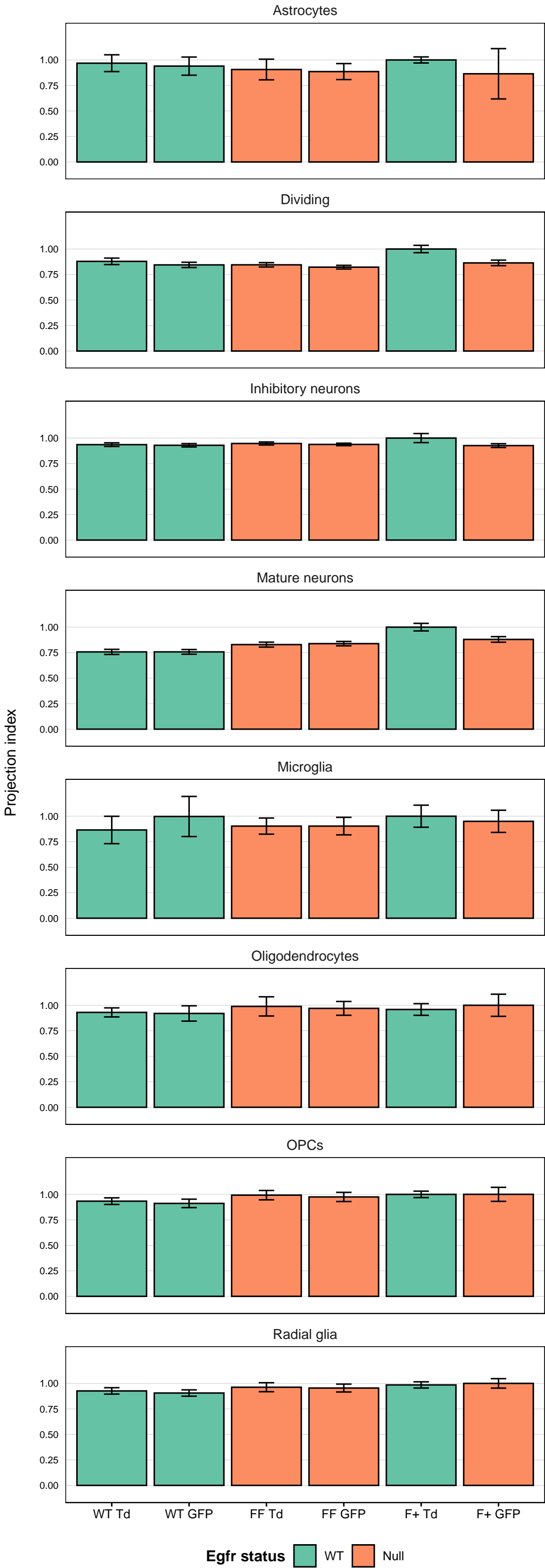


Top genes by kME

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

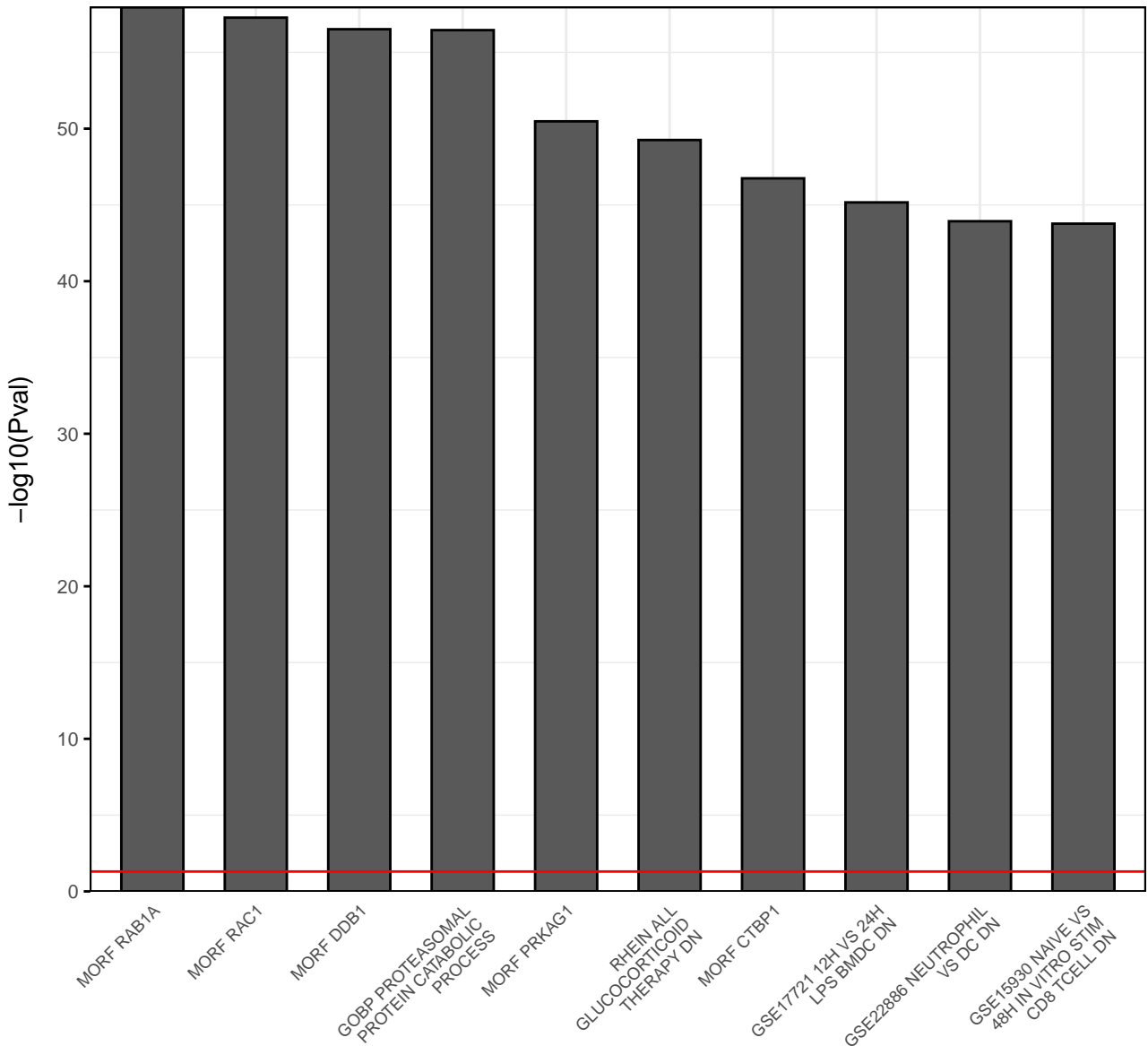


turquoise module
Top 100 by kME
Bicor-None_signum0.643_minSize20_merge_ME_0.85_18566

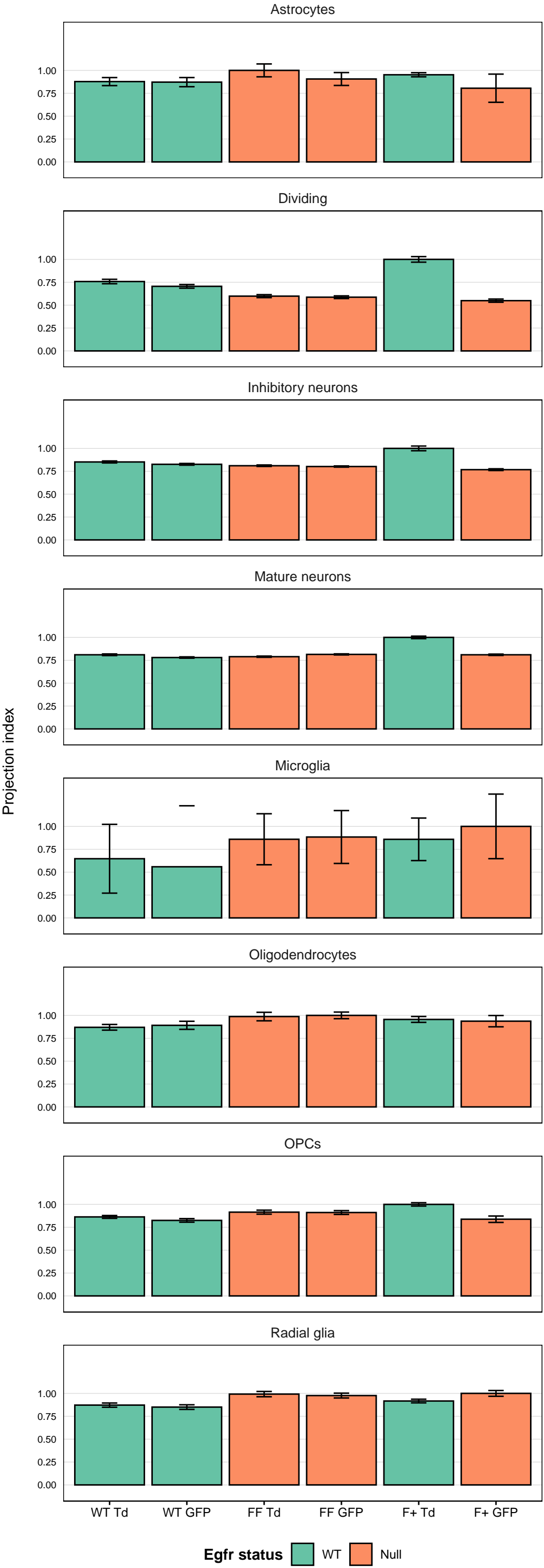


Top genes by kME

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

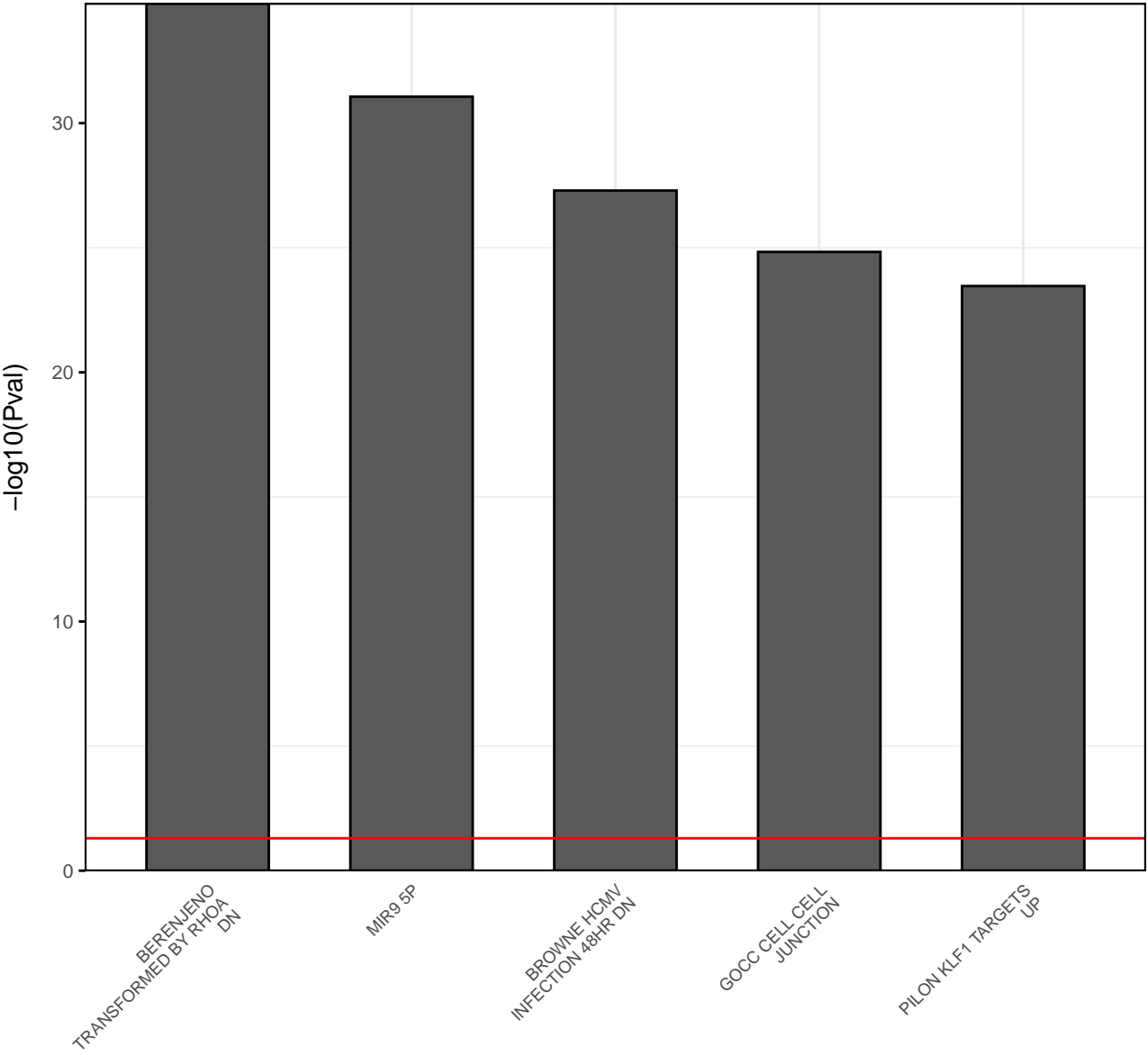


green module
Top 100 by kME
Bicor-None_signum0.643_minSize20_merge_ME_0.85_18566

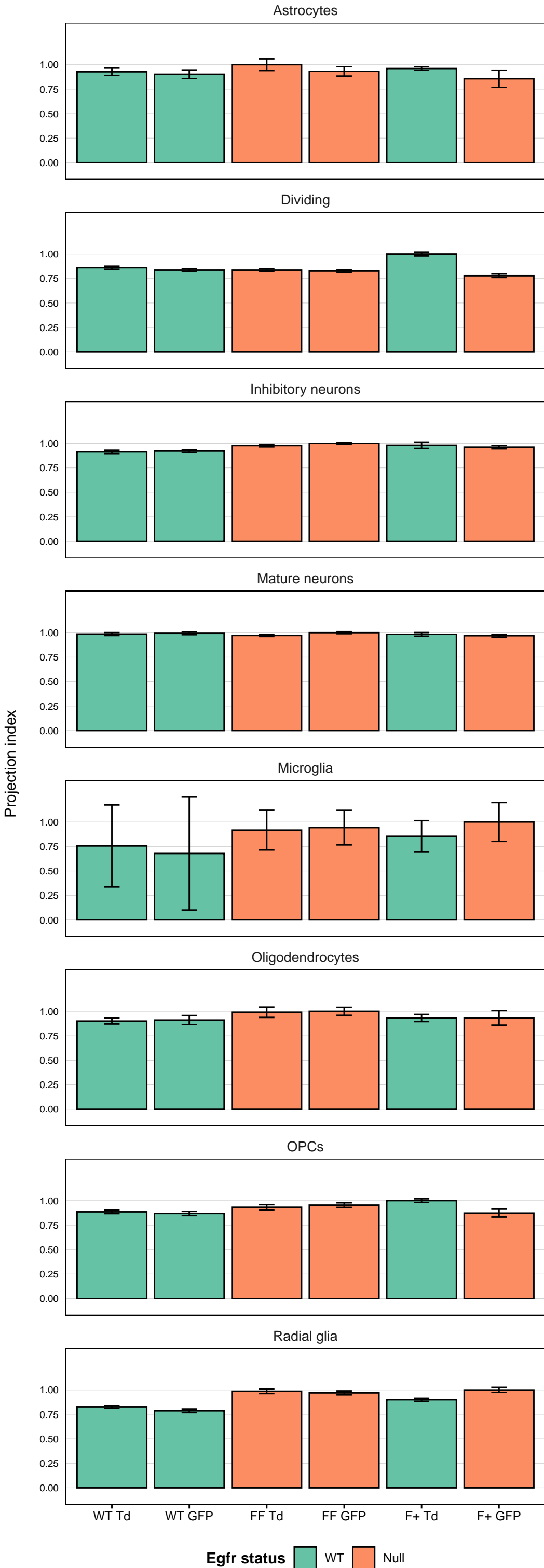


Top genes by kME

Sh3kbp1
Stxbp6
Ranbp1
Eil2
Ccgc34
Scg2
Ntng2
Ina
Anp32b
Mid1
Rcan2
Omg
Mlf1
Ppp1r15a
Neurod2
Enox1
Arx
Clvs1
Shtn1
Basp1

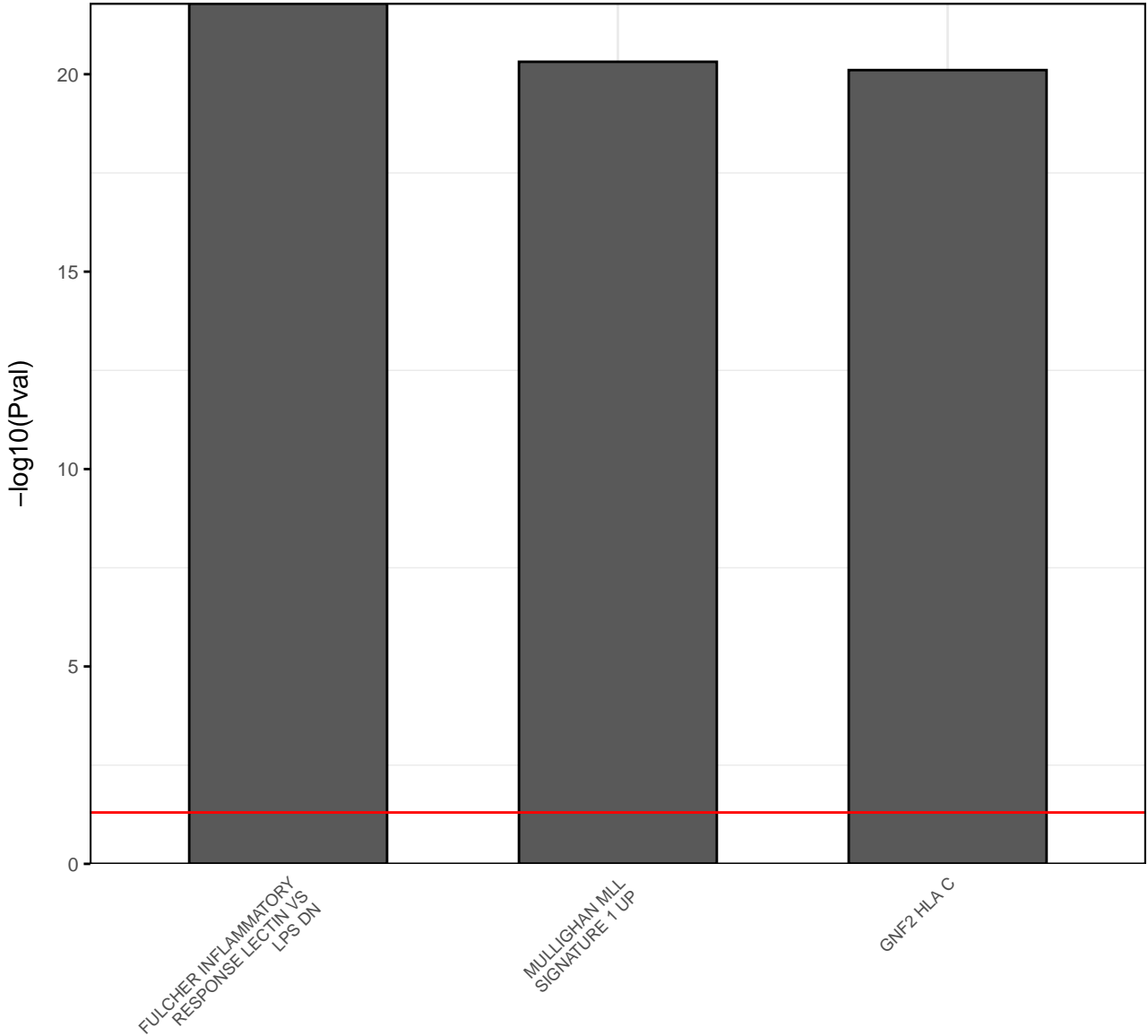


greenyellow module
Top 100 by kME
Bicor-None_signum0.643_minSize20_merge_ME_0.85_18566



Top genes by kME

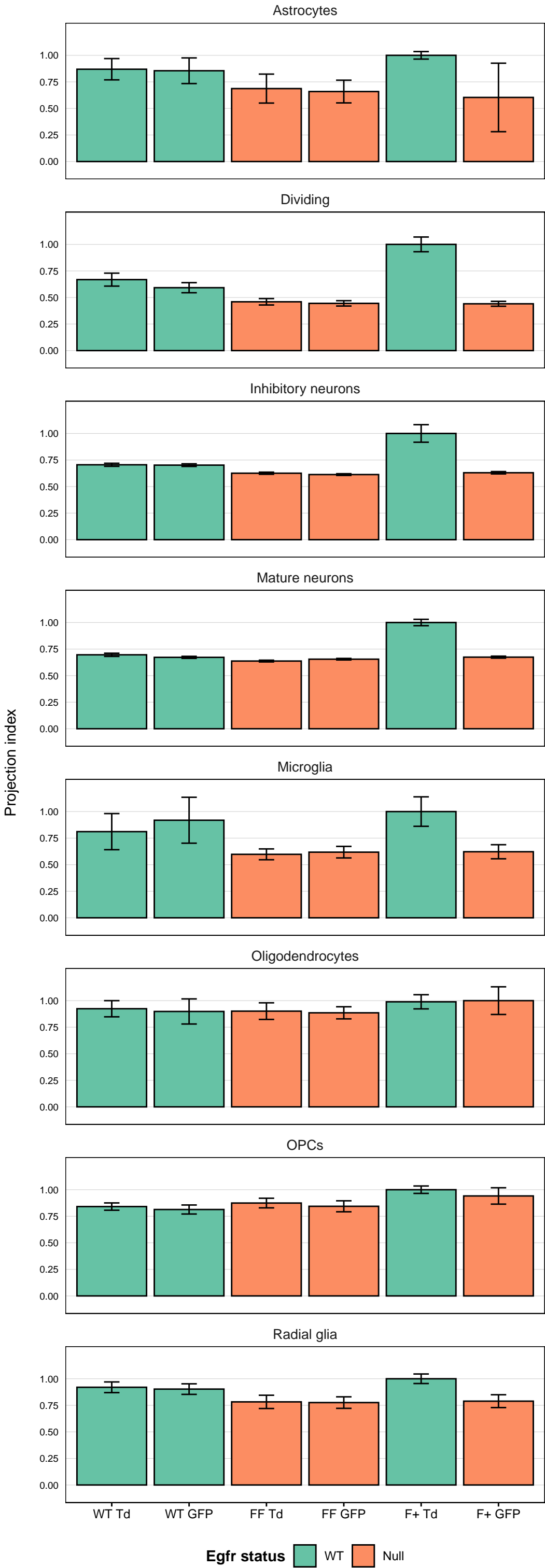
Cx3cr1
Dock2
Adgre1
Fyb
Cyba
C1qb
Laptn5
Trf
Aif1
Lgmn
Erbp4
F13a1
Col23a1
Spi1
Fcer1g
Cfh
Apod
Clic1
Cemip2
Ctss



tan module

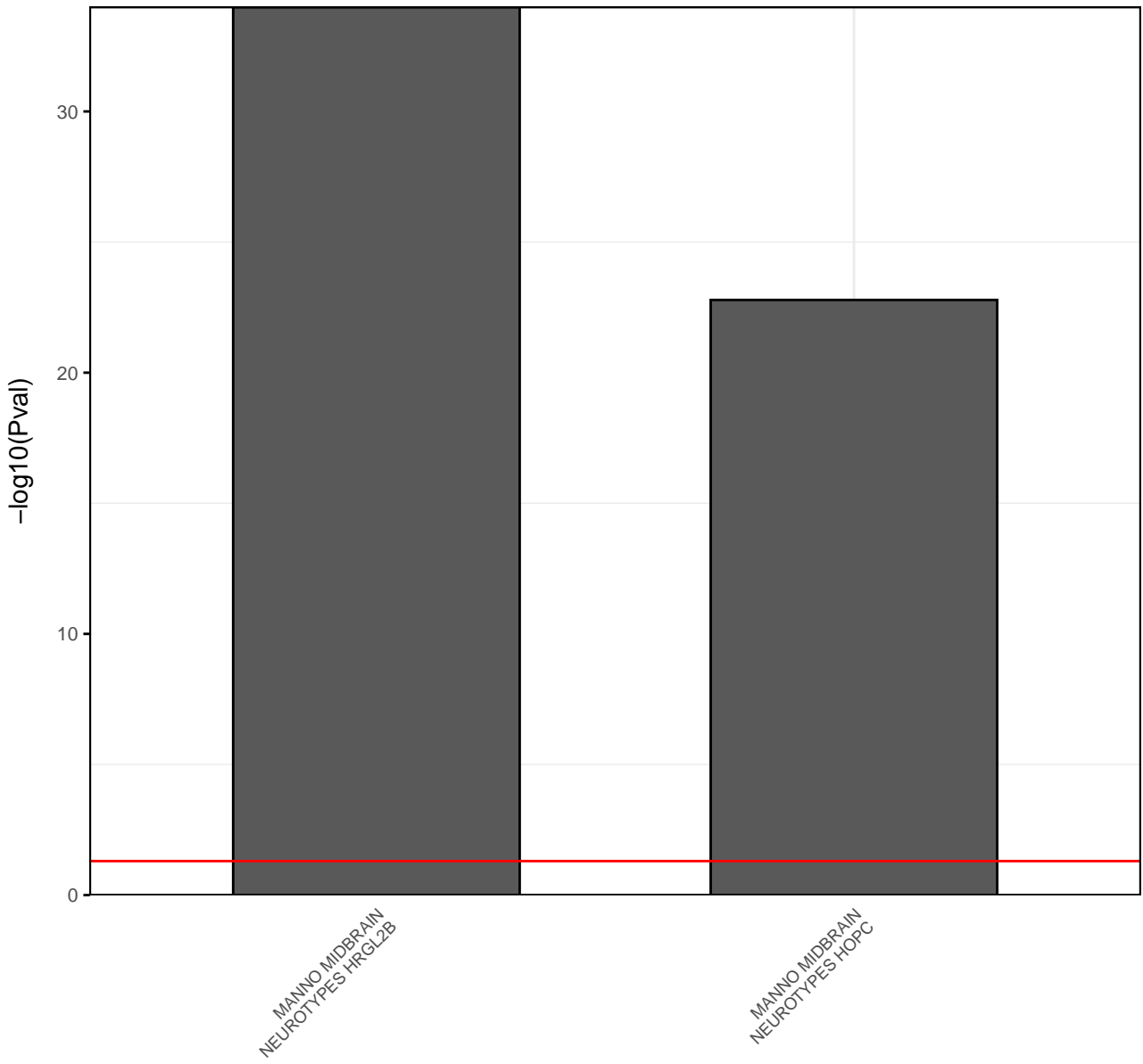
Top 100 by kME

Bicor-None_signum0.643_minSize20_merge_ME_0.85_18566

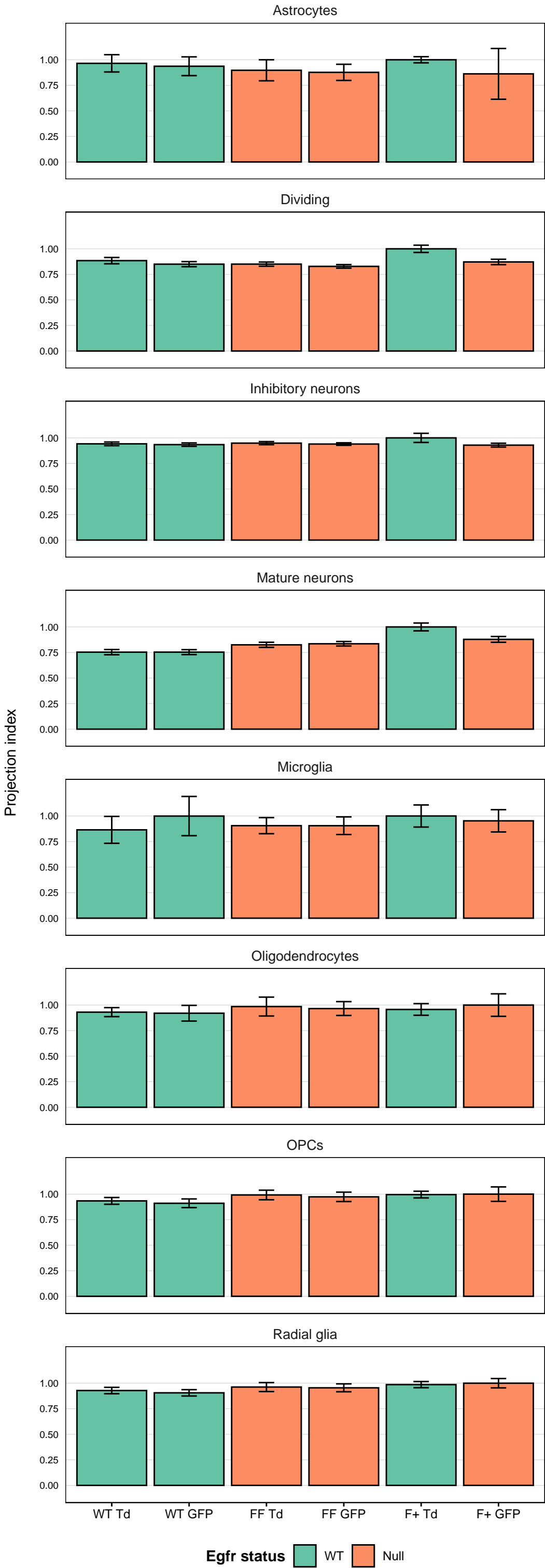


Top genes by kME

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

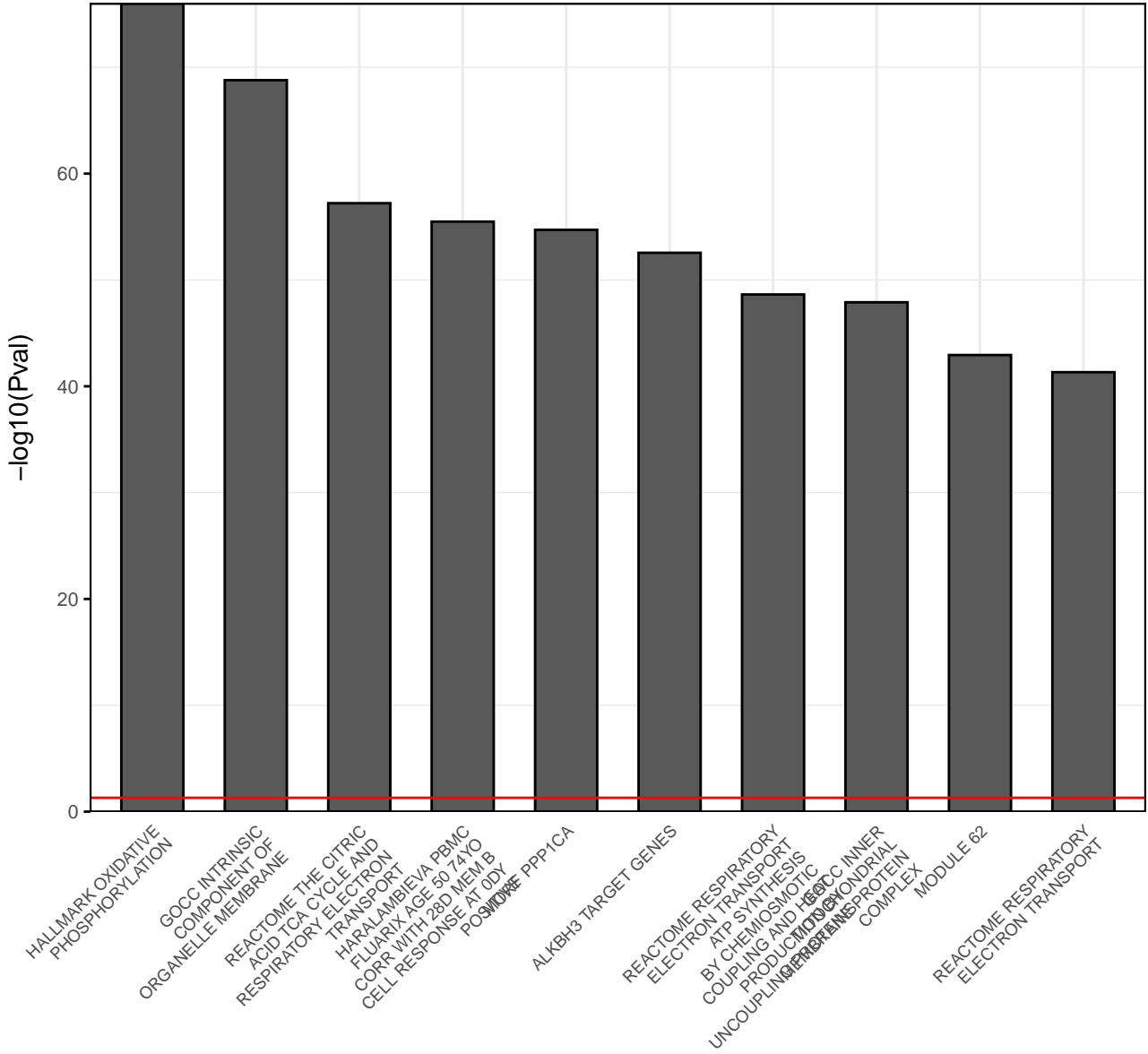


turquoise module
Top 100 by kME
Bicor=None_signum0.757_minSize15_merge_ME_0.85_18566

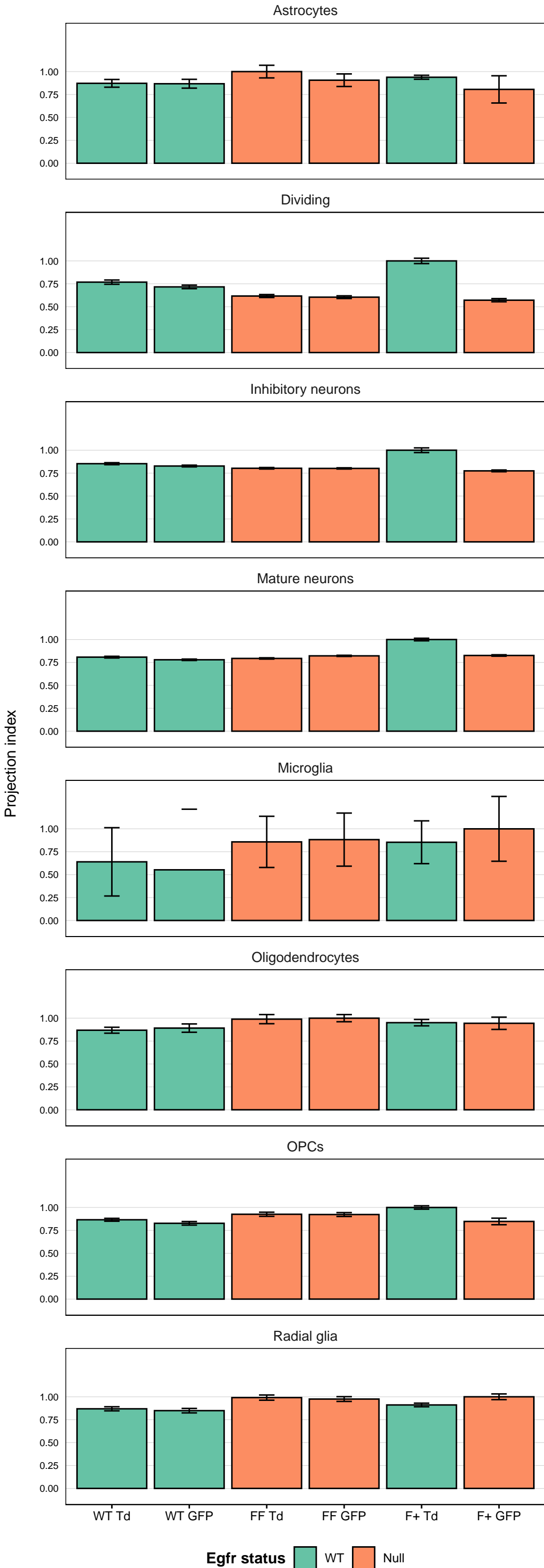


Top genes by kME

Dut
Selenoh
Ldha
Cadps
Adcy8
Oat
Eda
Grid1
Hspa5
Mpzl1
Ctnna2
Brip1os
Nell2
Uchl1
C1qtnf4
Lrrtm4
Tubb2b
Gabrg2
Tafa1
Raly1

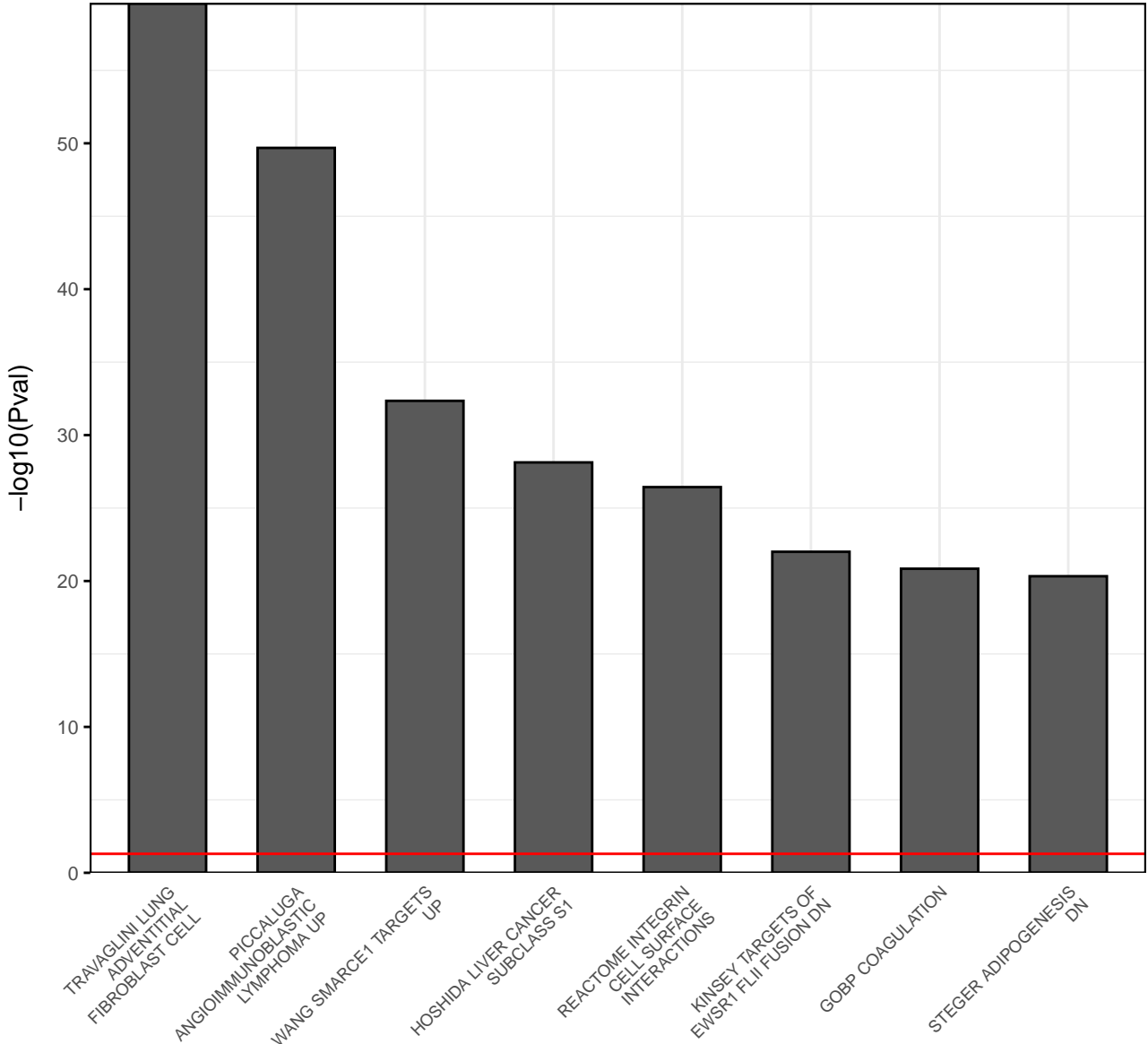


yellow module
Top 100 by kME
Bicor=None_signum0.757_minSize15_merge_ME_0.85_18566



Top genes by kME

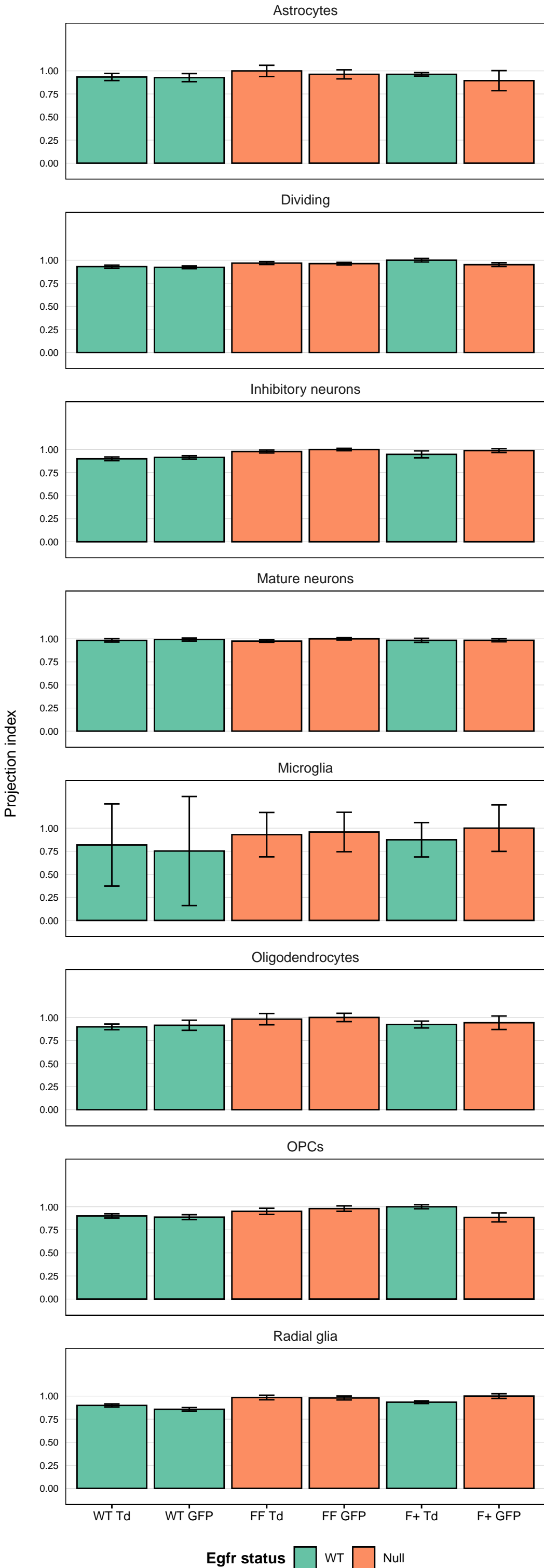
Rbp1
Gpr37l1
Olig1
Mfsd2a
Slc6a11
Acsbg1
Mfhas1
Snap91
Abtb2
Rgcc
Aldh1l1
Arhgef4
Map3k5
Tubb3
Mcu
Cspg5
Emid1
Cnp
Slc7a10
Tst



cyan module

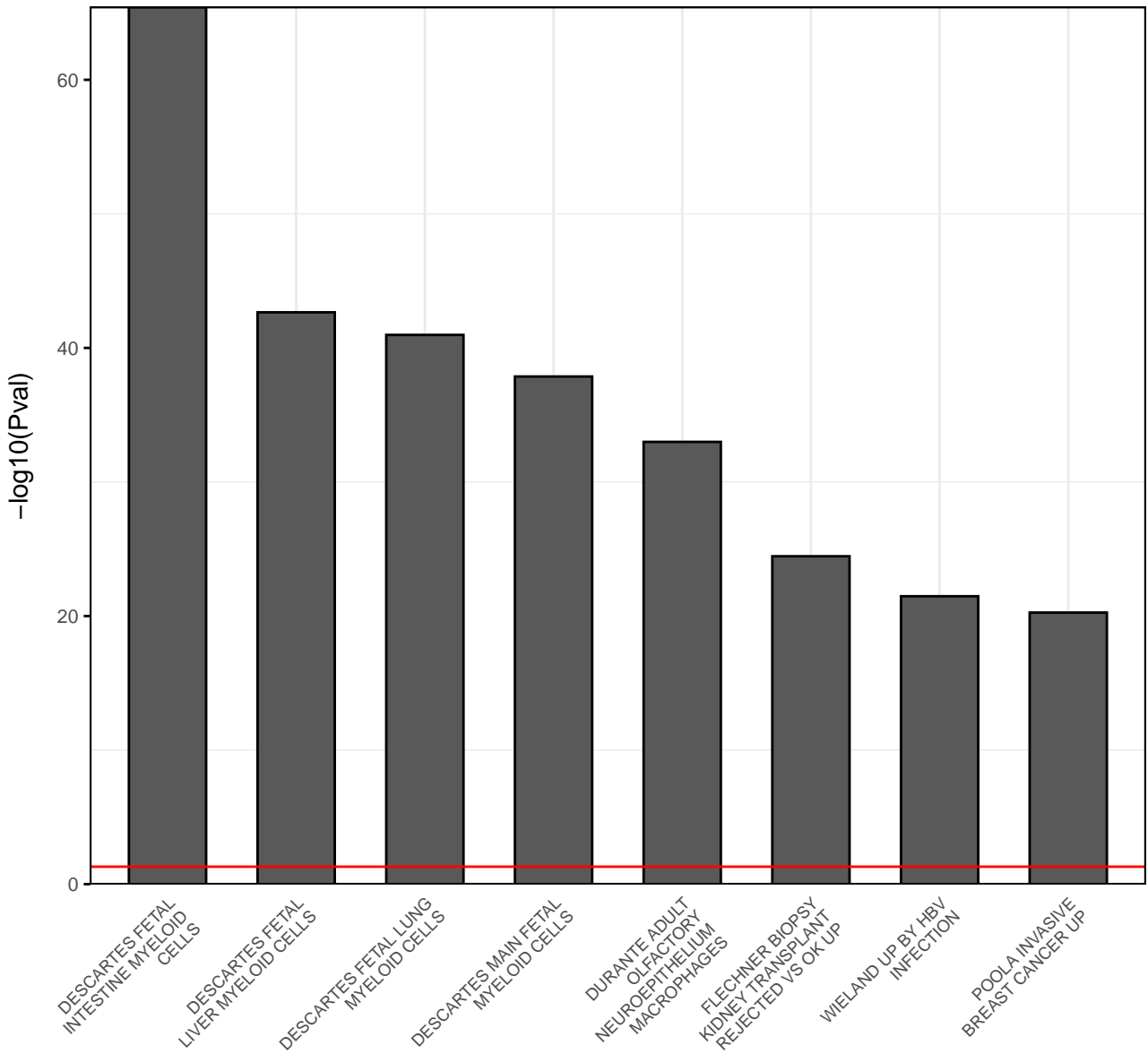
Top 100 by kME

Bicor=None_signum0.757_minSize15_merge_ME_0.85_18566

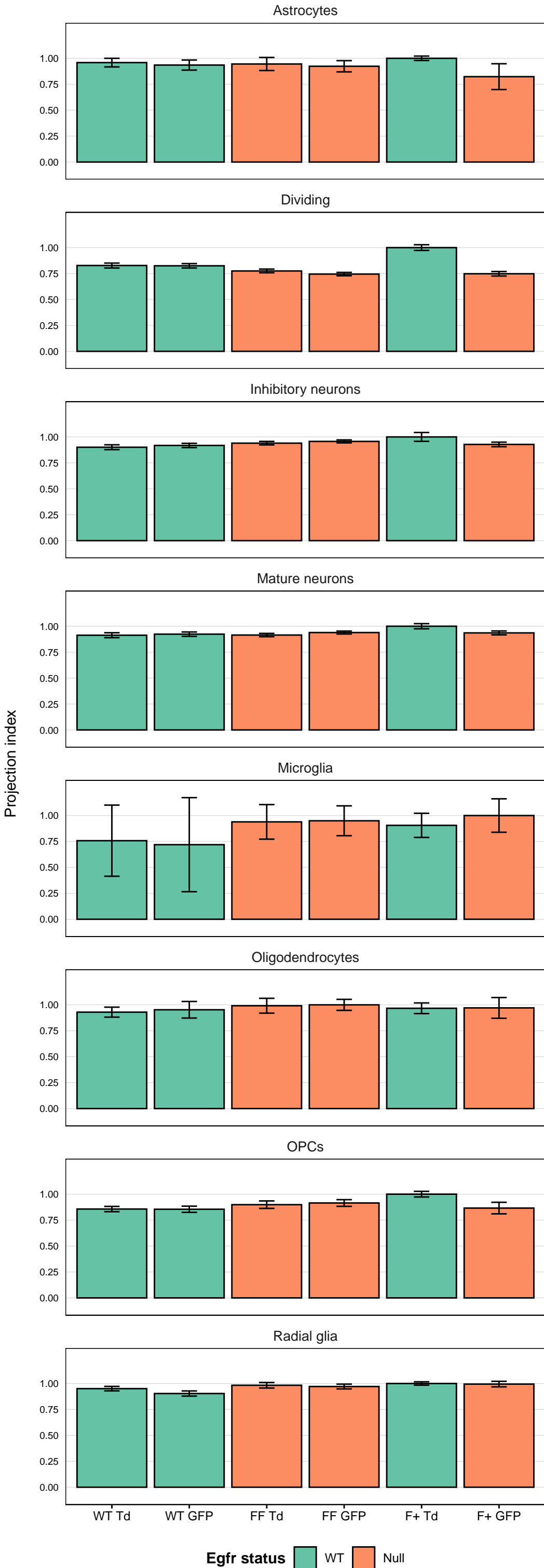


Top genes by kME

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

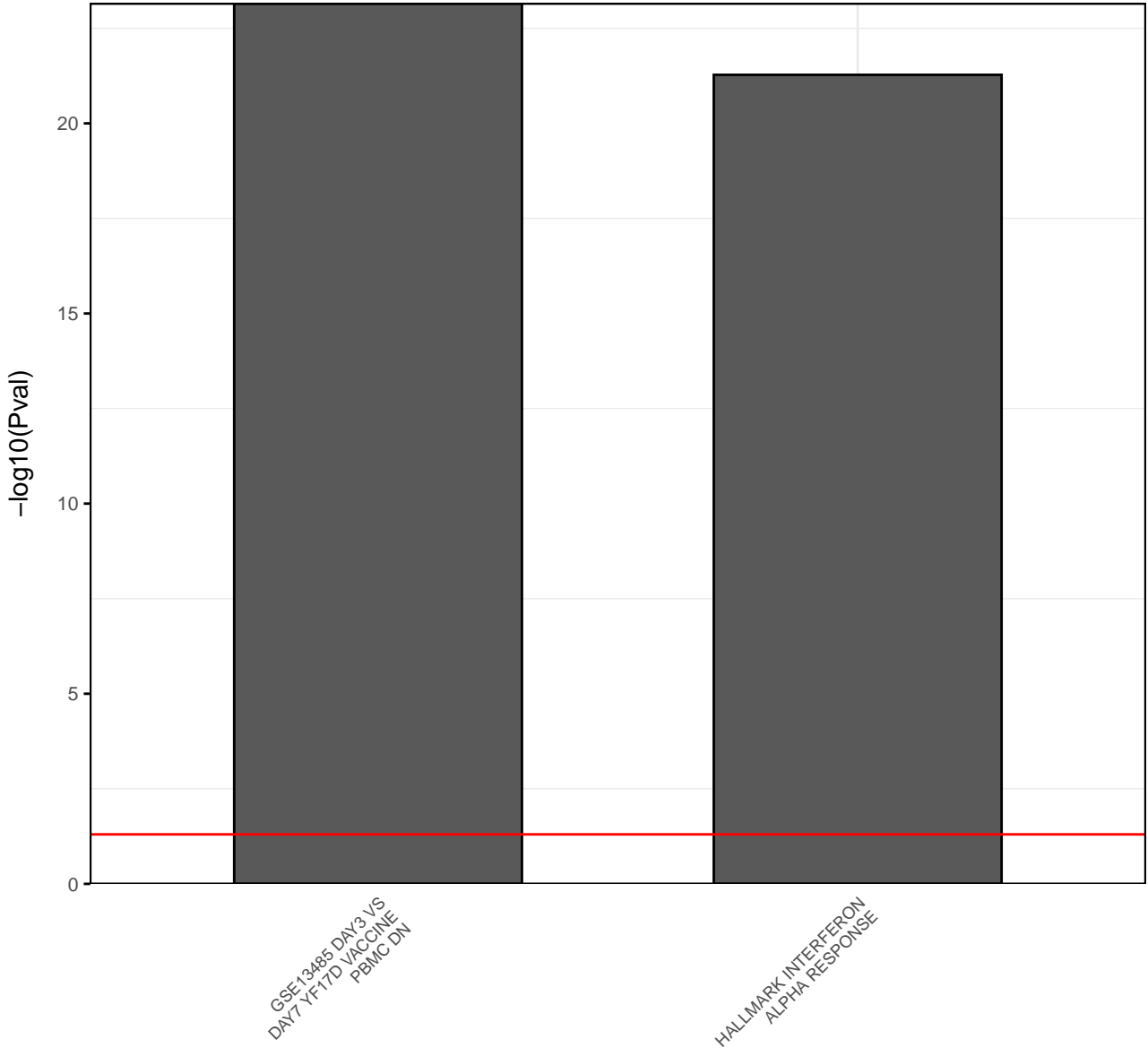


grey60 module
Top 100 by kME
Bicor-None_signum0.757_minSize15_merge_ME_0.85_18566

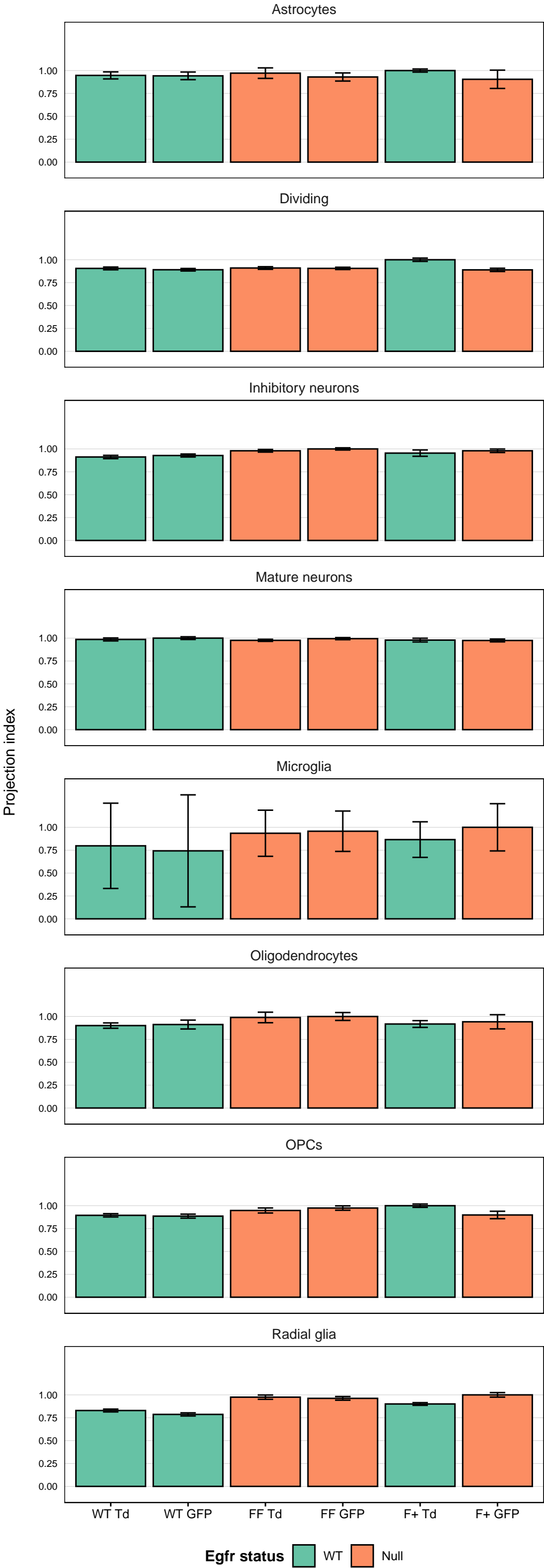


Top genes by kME

Tenm1
Ifitm3
Kcnq1ot1
Lncpint
Etv6
Thsd4
Gm26871
Lgals3
Atf3
Camk4
Spi1
Lmo4
Ctsc
Srgn
H2-K1
A330076H08Rik
Ly86
Hhip
Arpc1b
Zfx4

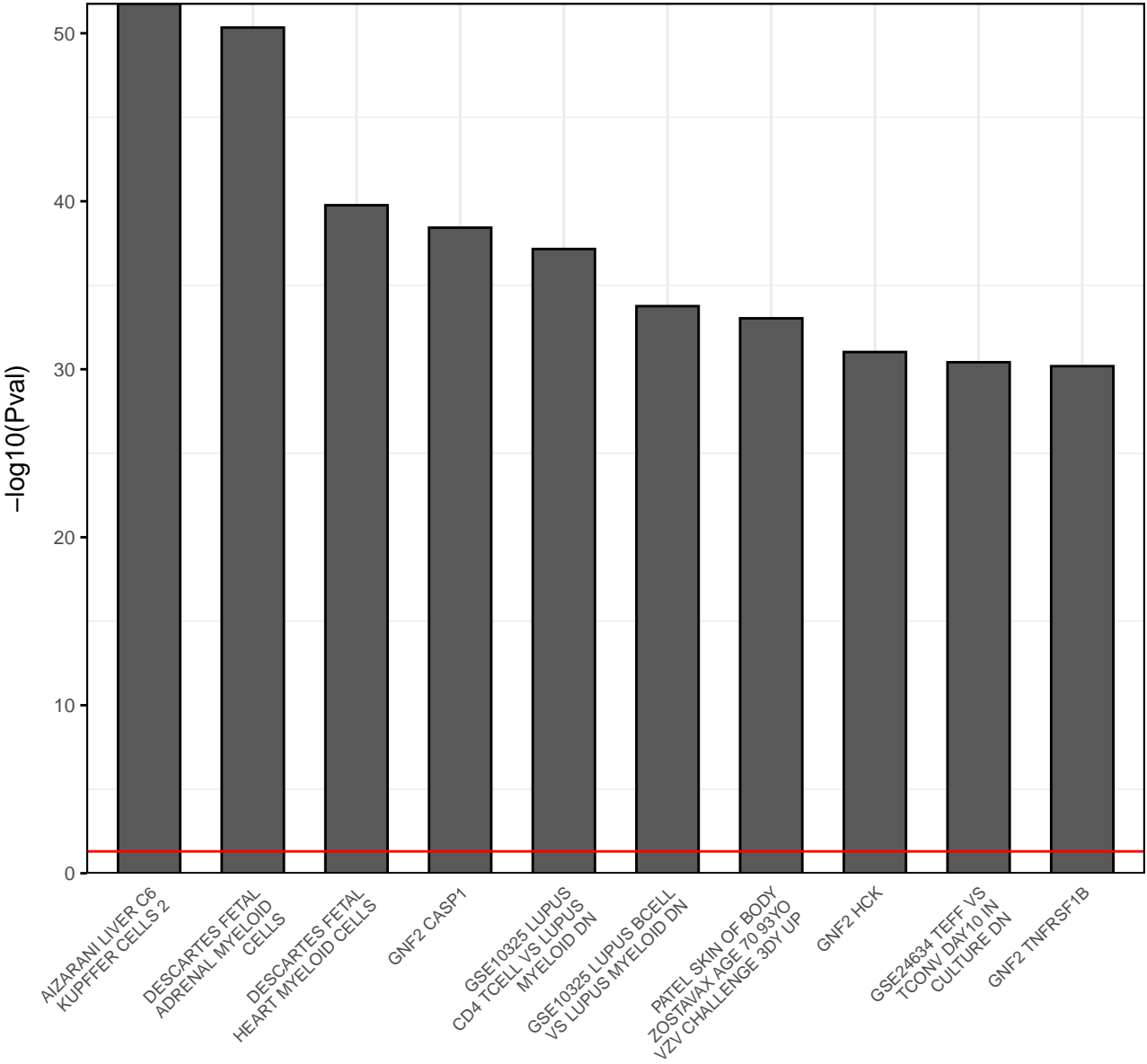


salmon module
Top 100 by kME
Bicor-None_signum0.69_minSize20_merge_ME_0.85_18566



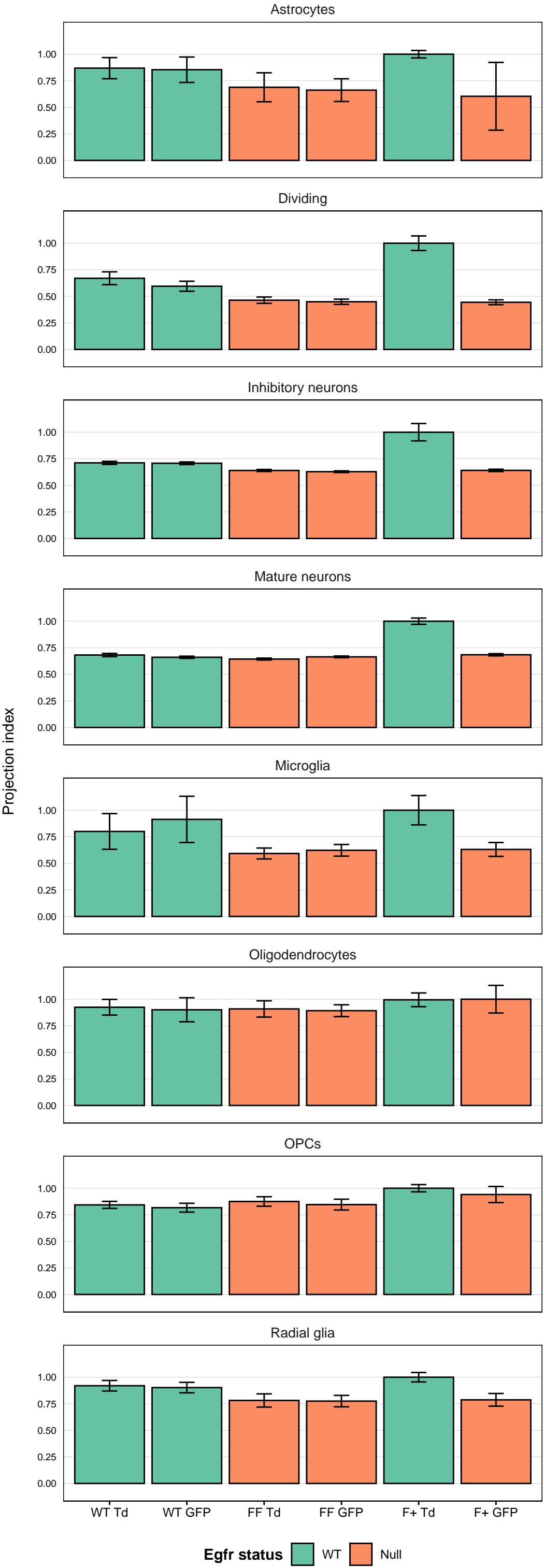
Top genes by kME

Cyba
Aif1
Adgre1
Fyb
C1qb
Ctss
Lyz2
Dock2
Cx3cr1
Ctsz
Fcer1g
Lgmn
Lrmda
Dach2
Hdac9
Trf
Erbp4
Spi1
Lgals3
A230057D06Rik



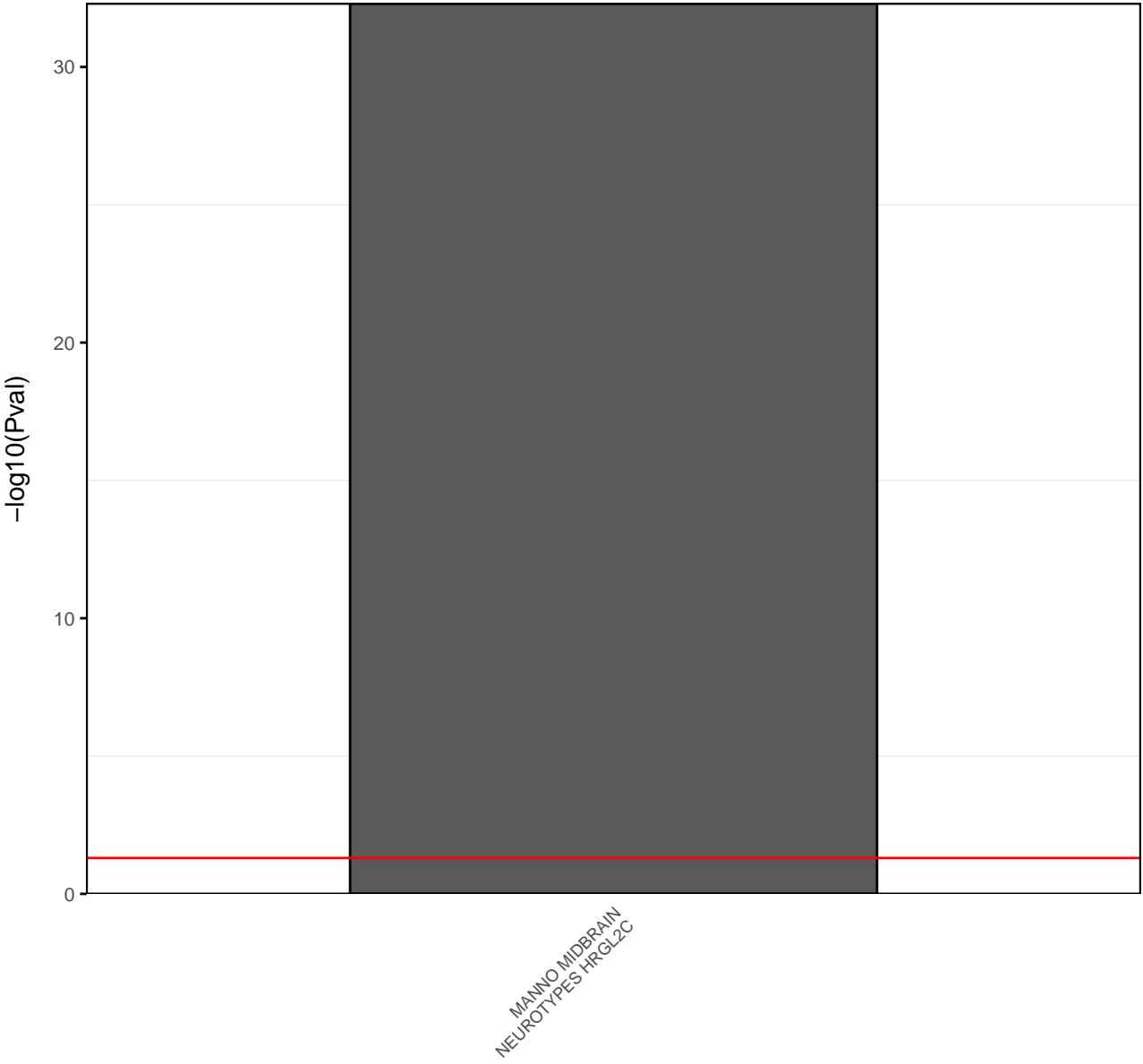
tan module
Top 100 by kME

Bicor-None_signum0.69_minSize20_merge_ME_0.85_18566

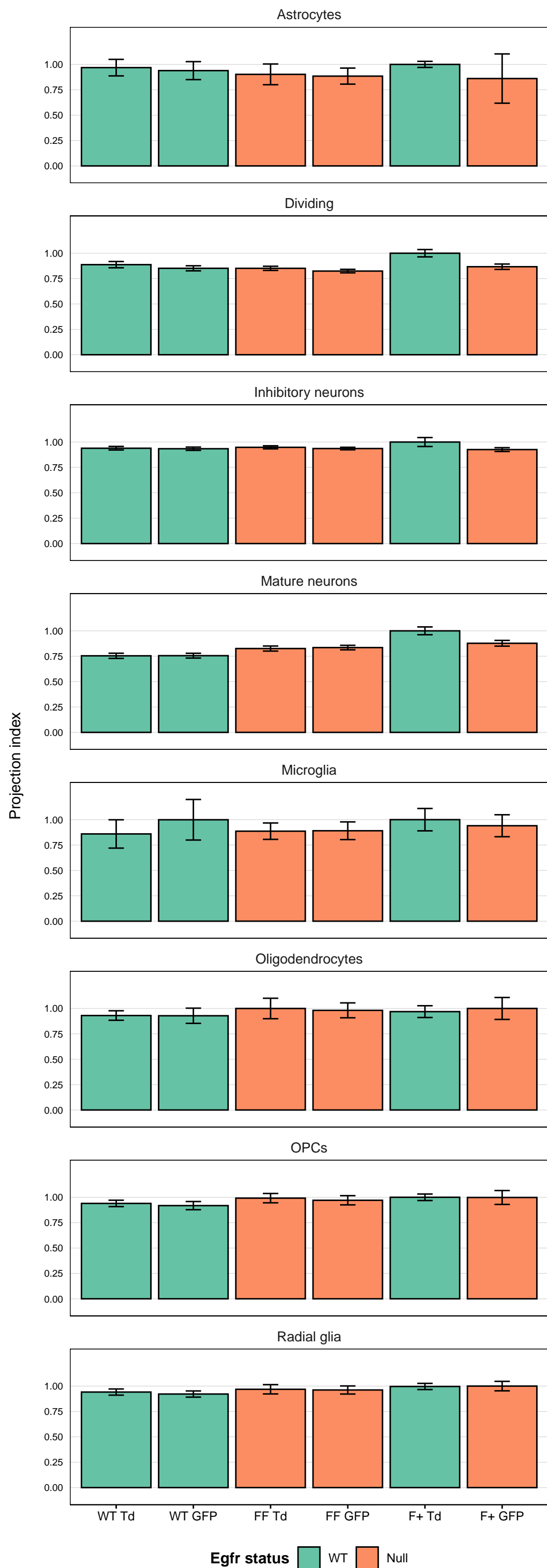


Top genes by kME

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

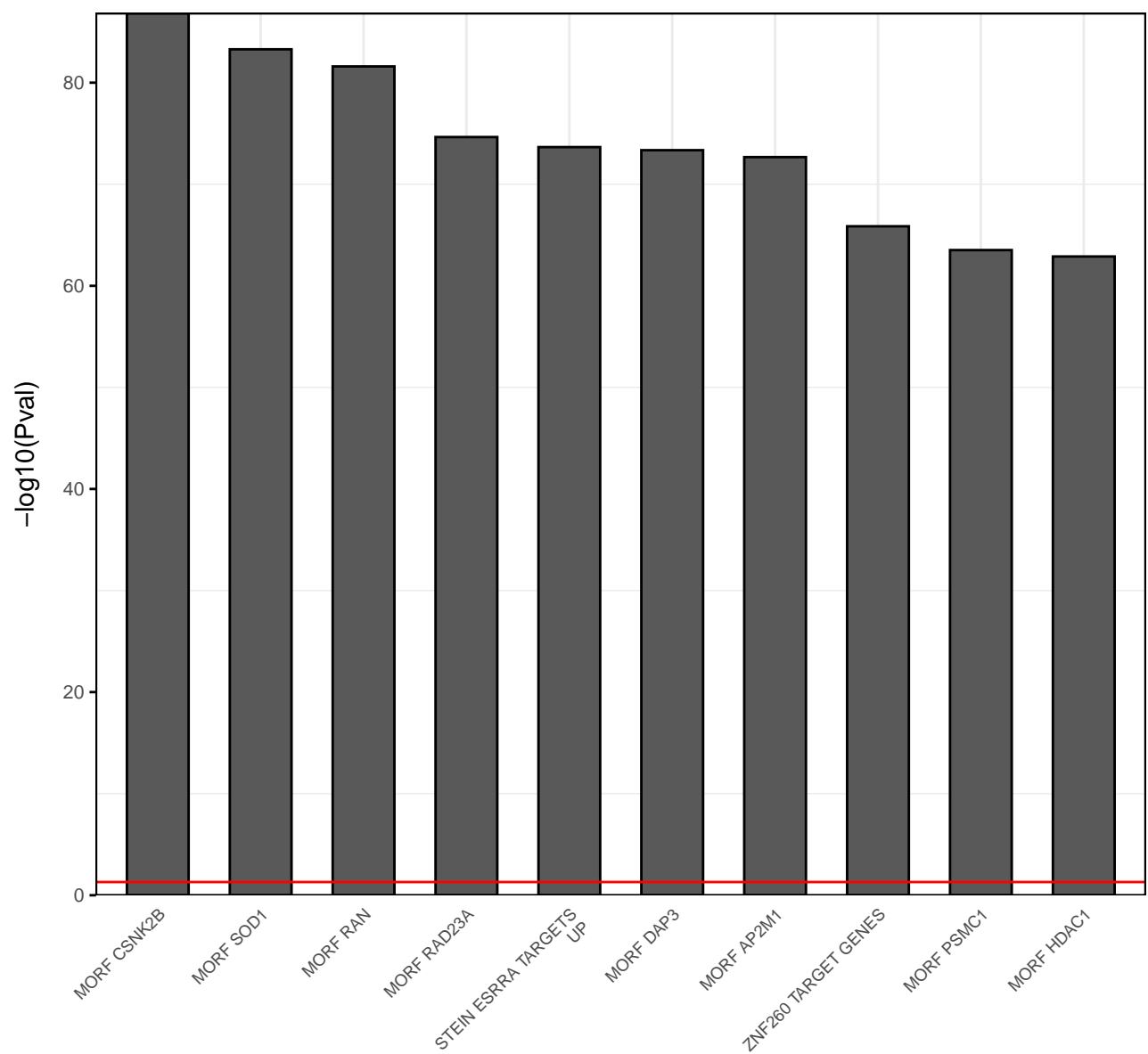


turquoise module
Top 100 by kME
Bicor-None_signum0.69_minSize20_merge_ME_0.85_18566



Top genes by kME

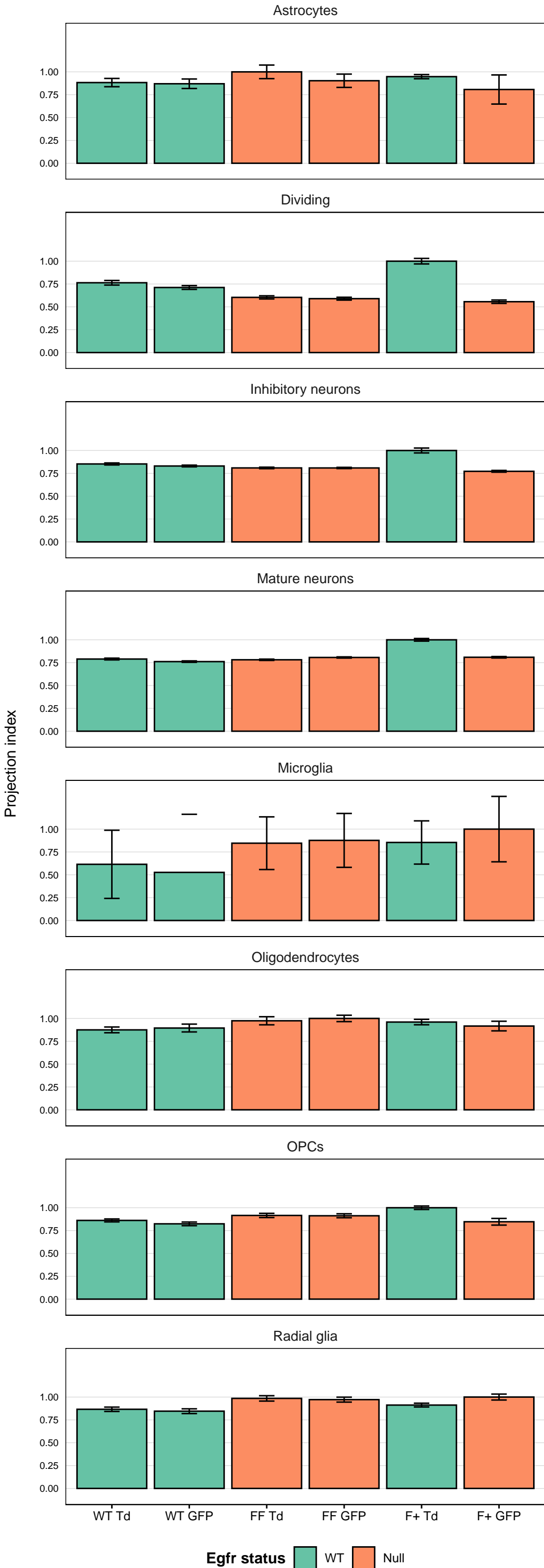
Dut
Ldha
Selenoh
Cadps
Oat
Adcy8
Grid1
Eda
Ctnna2
C1qtnf4
Nell2
Uchl1
Hspa5
Actr3b
Mpzl1
Tubb2b
Gabrg2
Tafa1
Brip1os
Svop



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

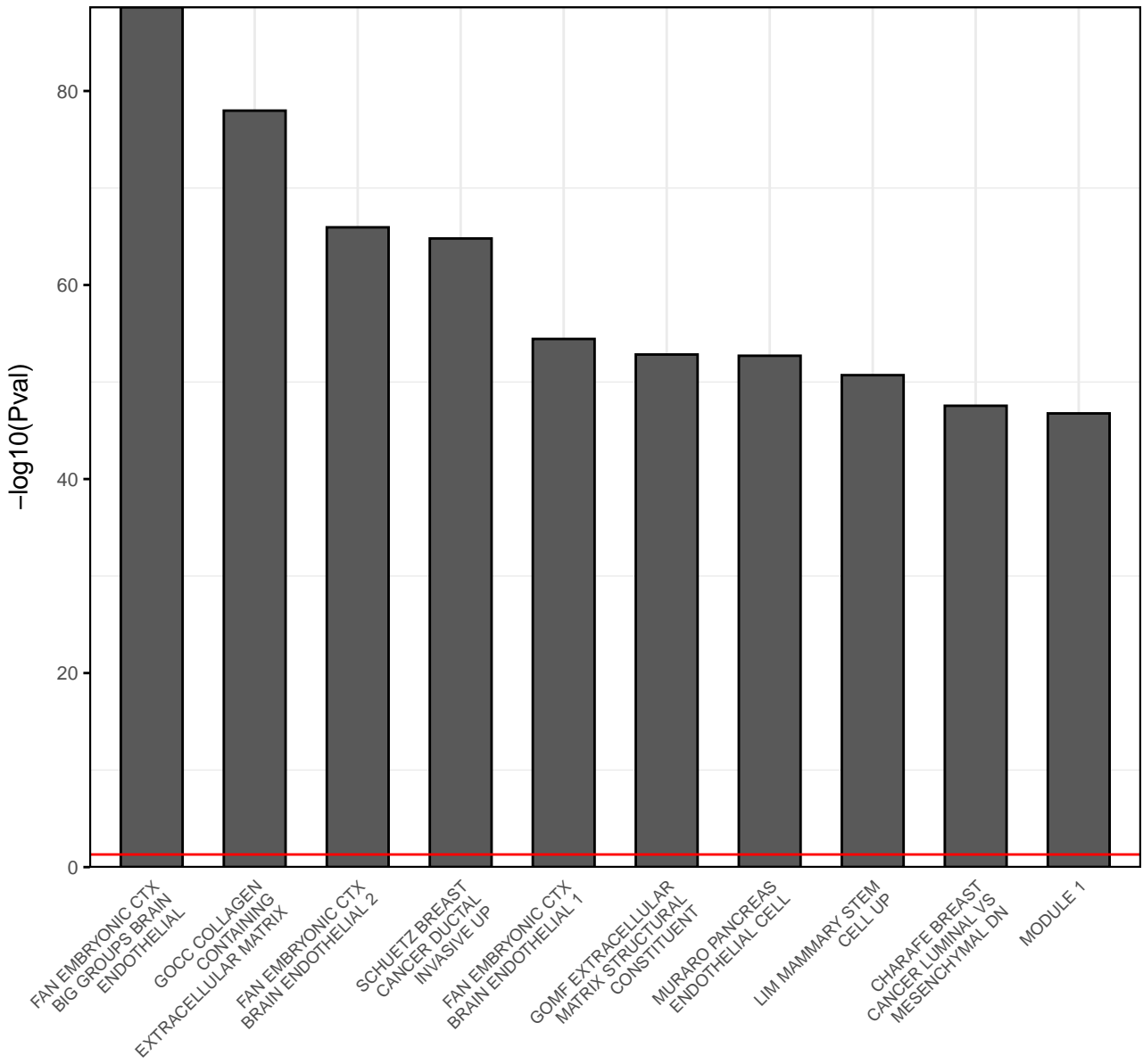
Rapgef5

Gm17750

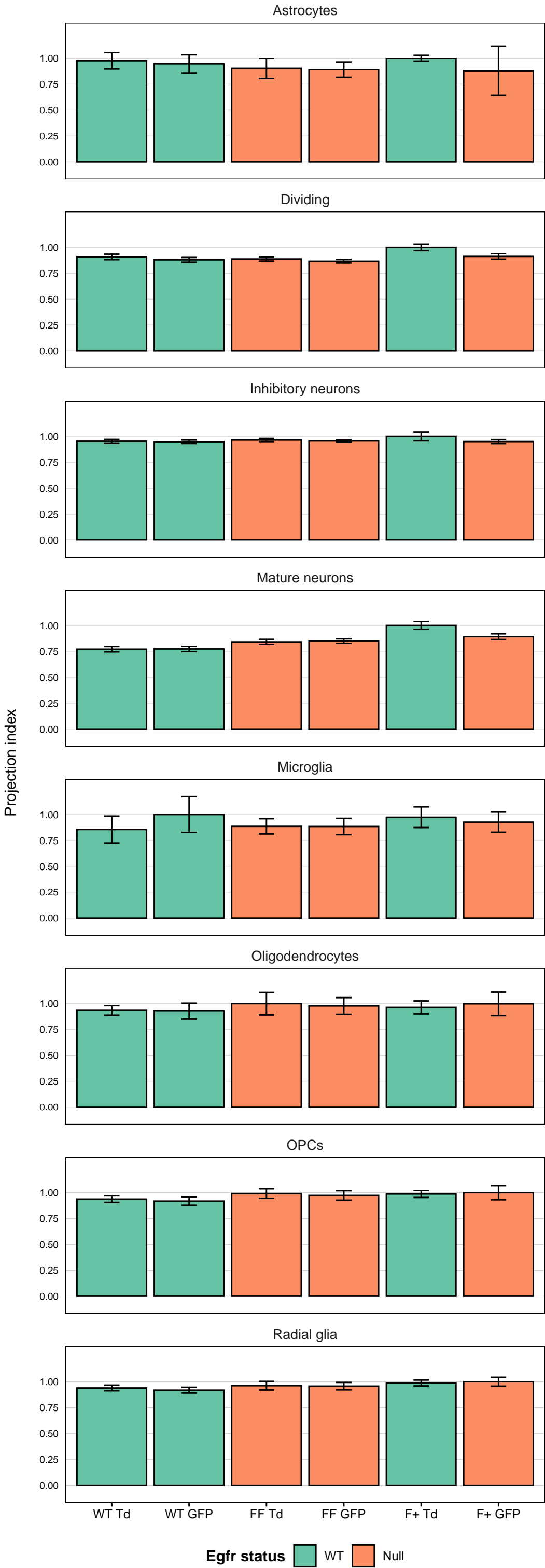
Csmd3

Sat1

Hmgcll1

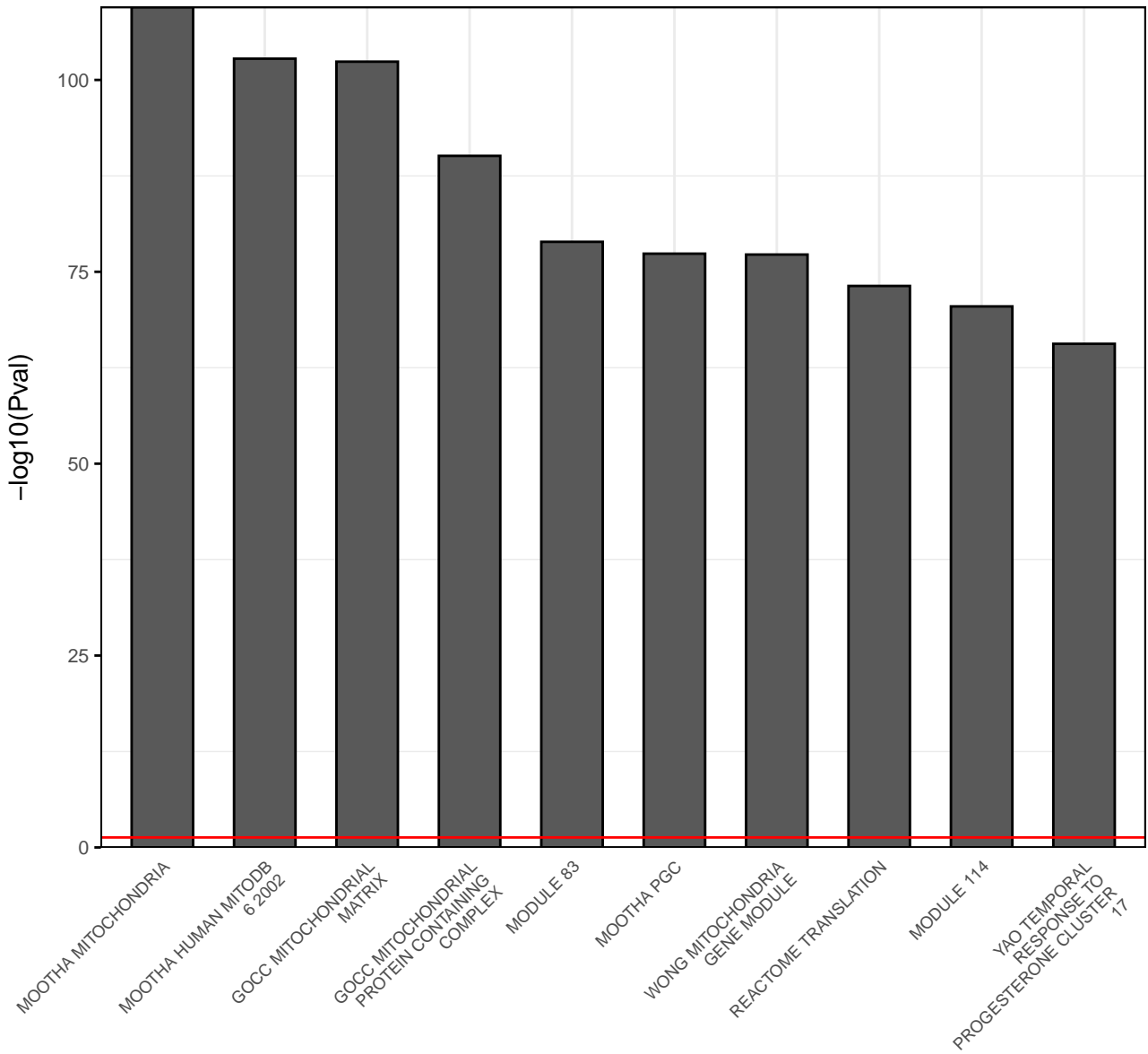


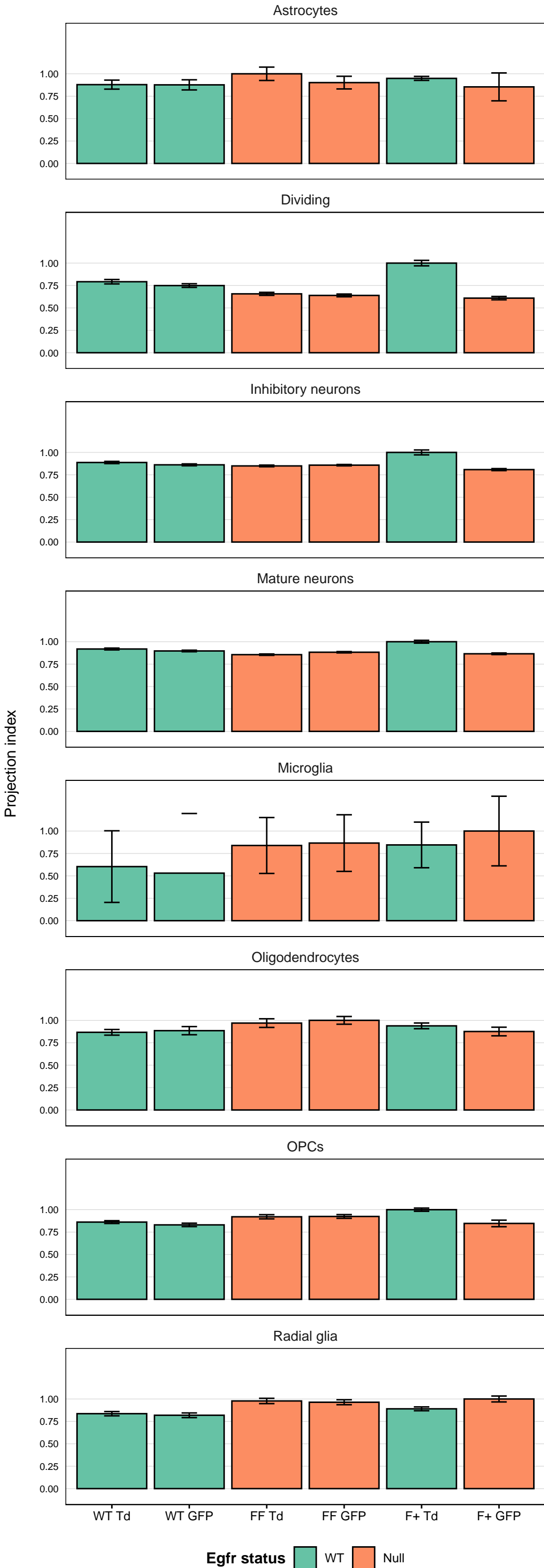
turquoise module
Top 100 by kME
Bicor-None_signum0.757_minSize20_merge_ME_0.85_18566



Top genes by kME

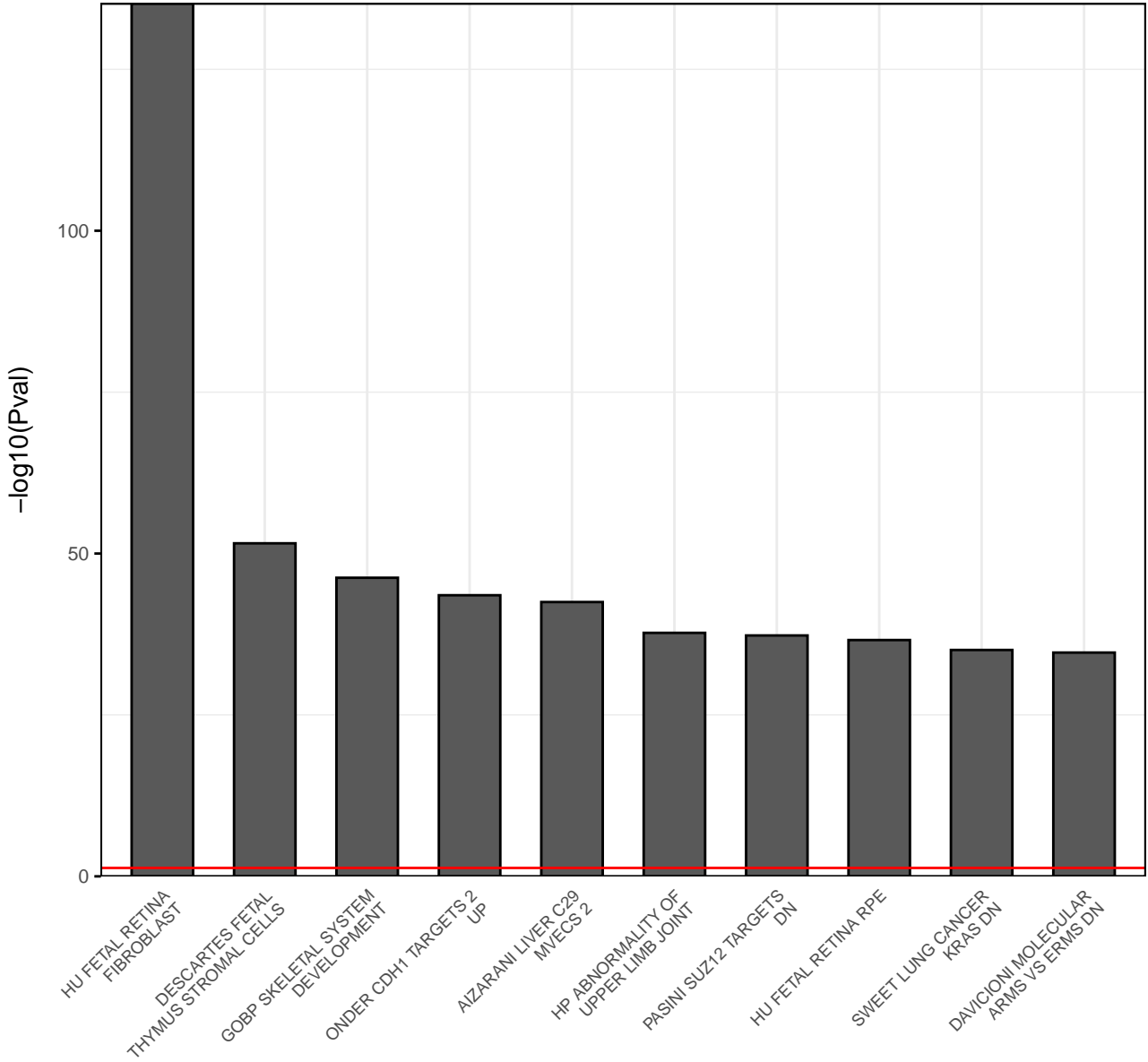
Dut
Selenoh
Ldha
Adcy8
Lrrtm4
Cadps
C1qtnf4
Uchl1
Eda
Hspa5
Oat
Grid1
Psap
Ctnna2
Tubb2b
Tafa1
Gabrg2
Raly1
Actl6b
Nell2





Top genes by kME

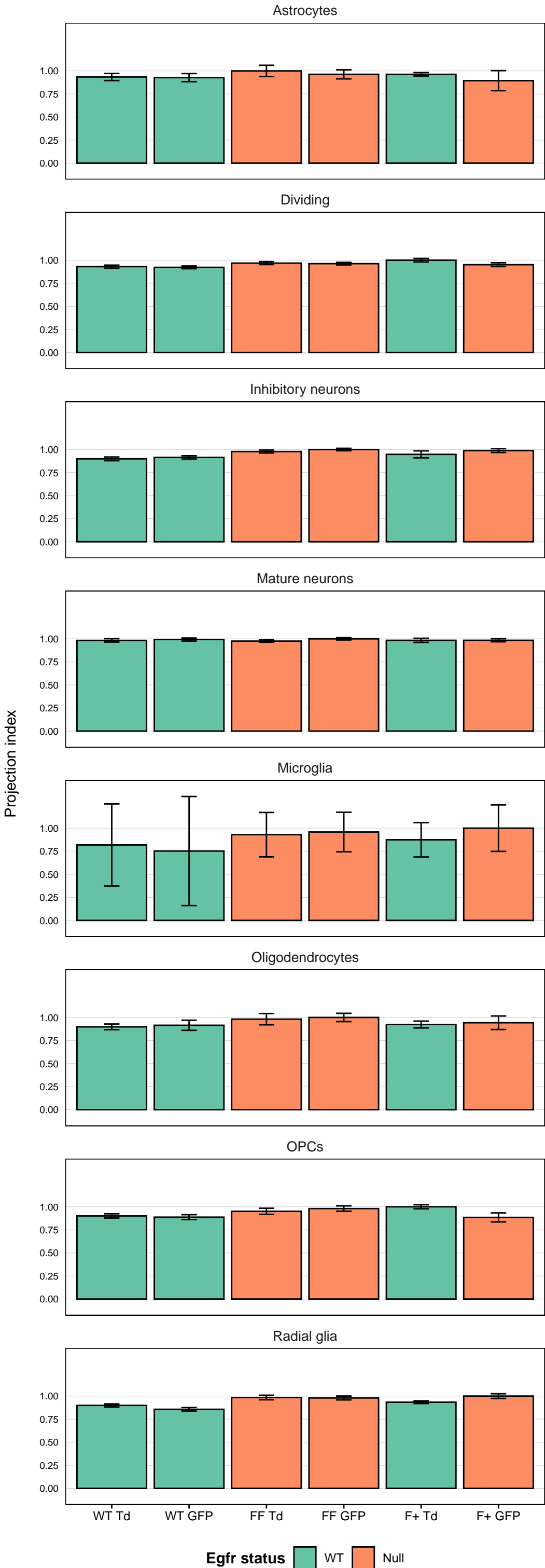
Gpc3
Eya2
Notch2
Islr
Adamts9
Tanc1
Ano6
Ildr2
Rbp1
Fstl1
Ror1
Lpar1
Adam12
Slc7a11
Dab2
Adamtsl3
Bmp6
Pmp22
Btg2
Igf2



cyan module

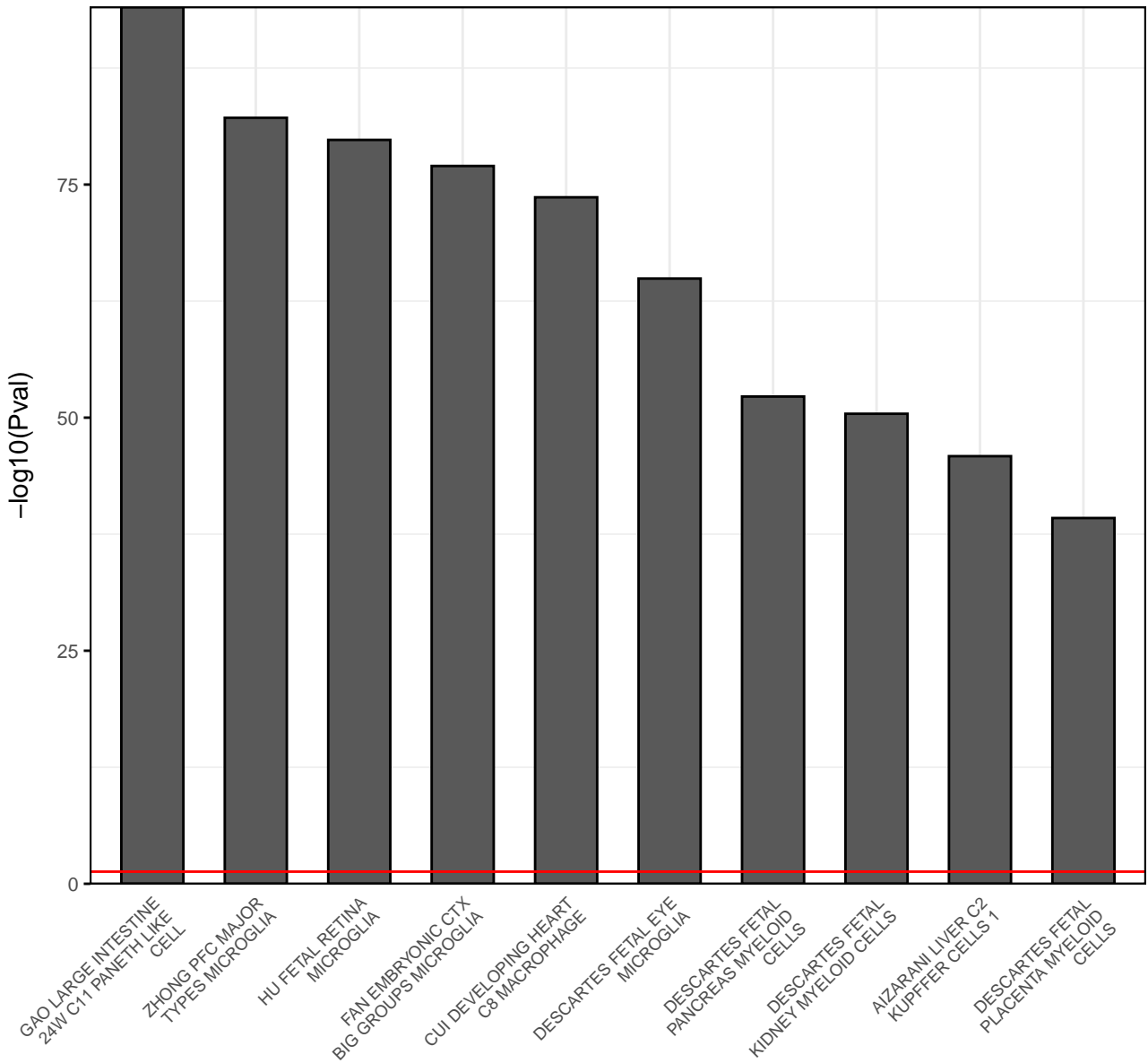
Top 100 by kME

Bicor=None_signum0.757_minSize20_merge_ME_0.85_18566



Top genes by kME

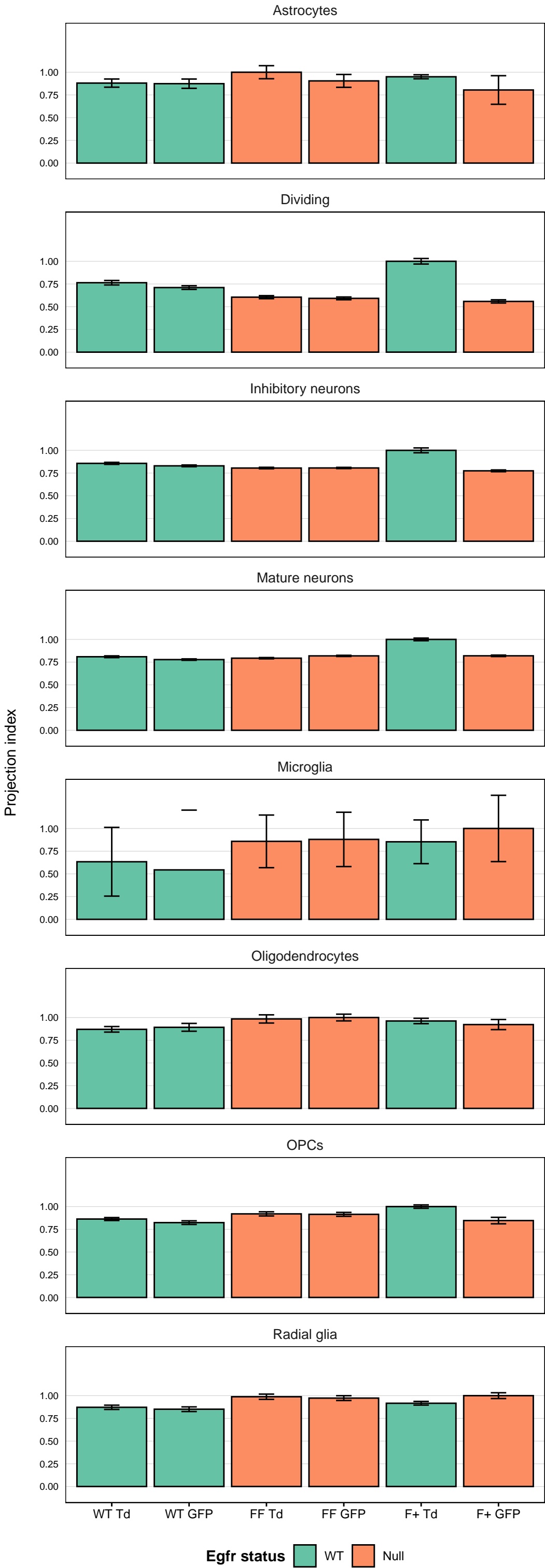
C1qb
Ctss
Adgre1
Cyba
Dock2
Aif1
Fyb
Cx3cr1
Lyz2
Fcer1g
Lgmn
Dach2
A230057D06Rik
Laptm5
Spi1
Nfkbiz
ErbB4
Lrmda
Ly86
Ctsz



blue module

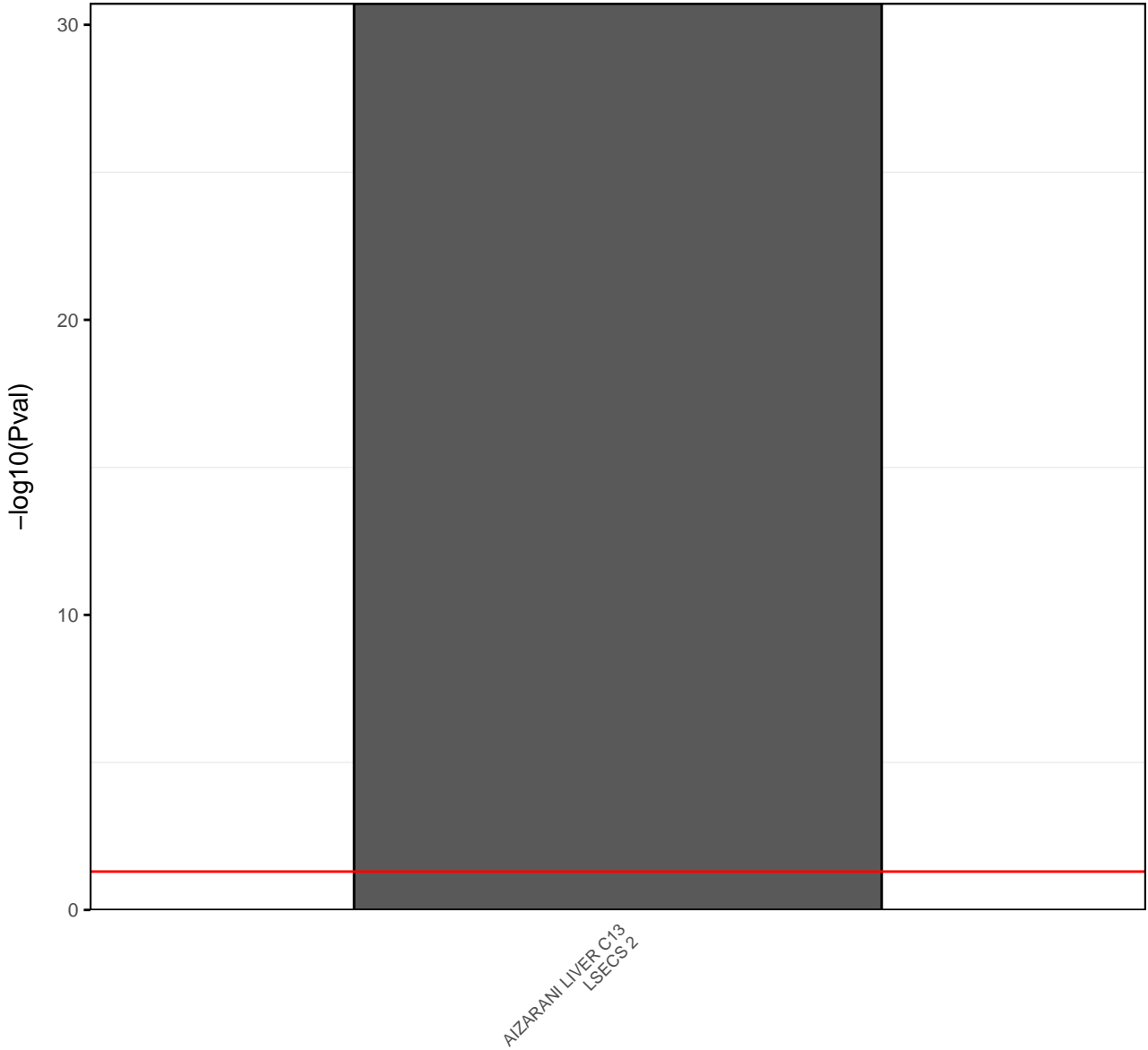
Top 100 by kME

Bicor-None_signum0.529_minSize20_merge_ME_0.85_18566



Top genes by kME

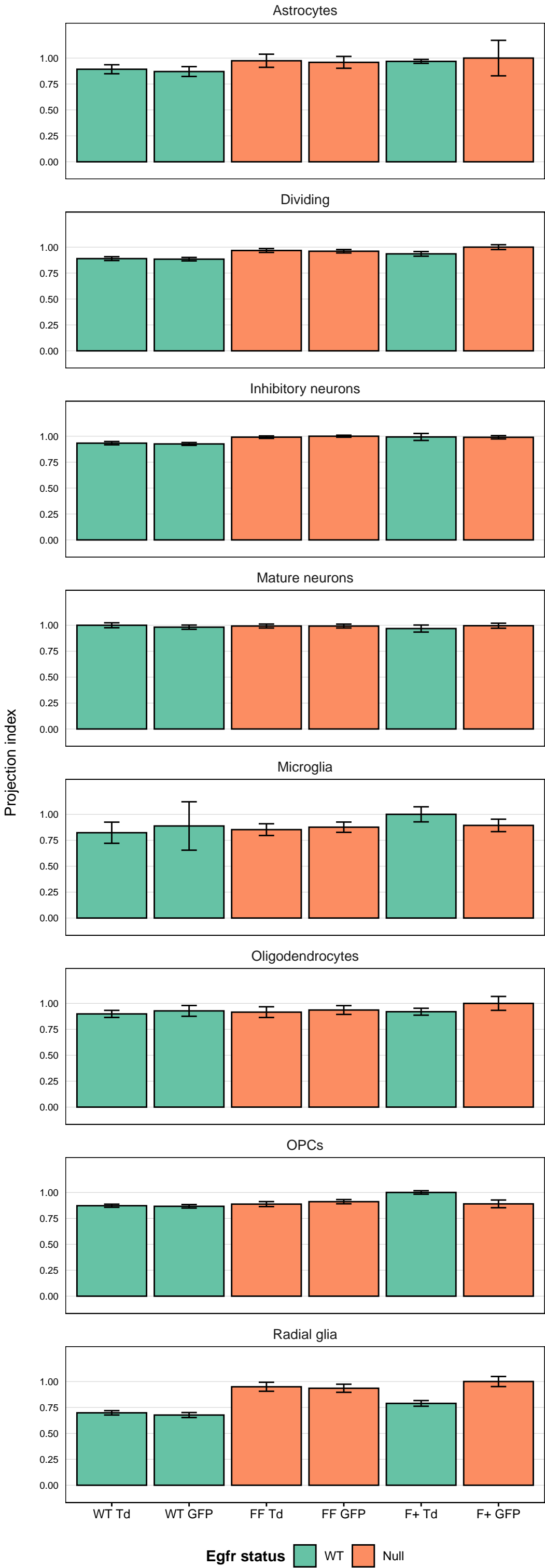
Gm20713
Arhgap26
Rgs17
Galnt13
Ptprt
Rgs7bp
Gm49003
C1ql3
Mdga2
Helt
Gabrg3
Ddah1
Pcdh10
1700025G04Rik
Cntn1
Vxn
Fhit
Spon1
Alk
Abhd3



pink module

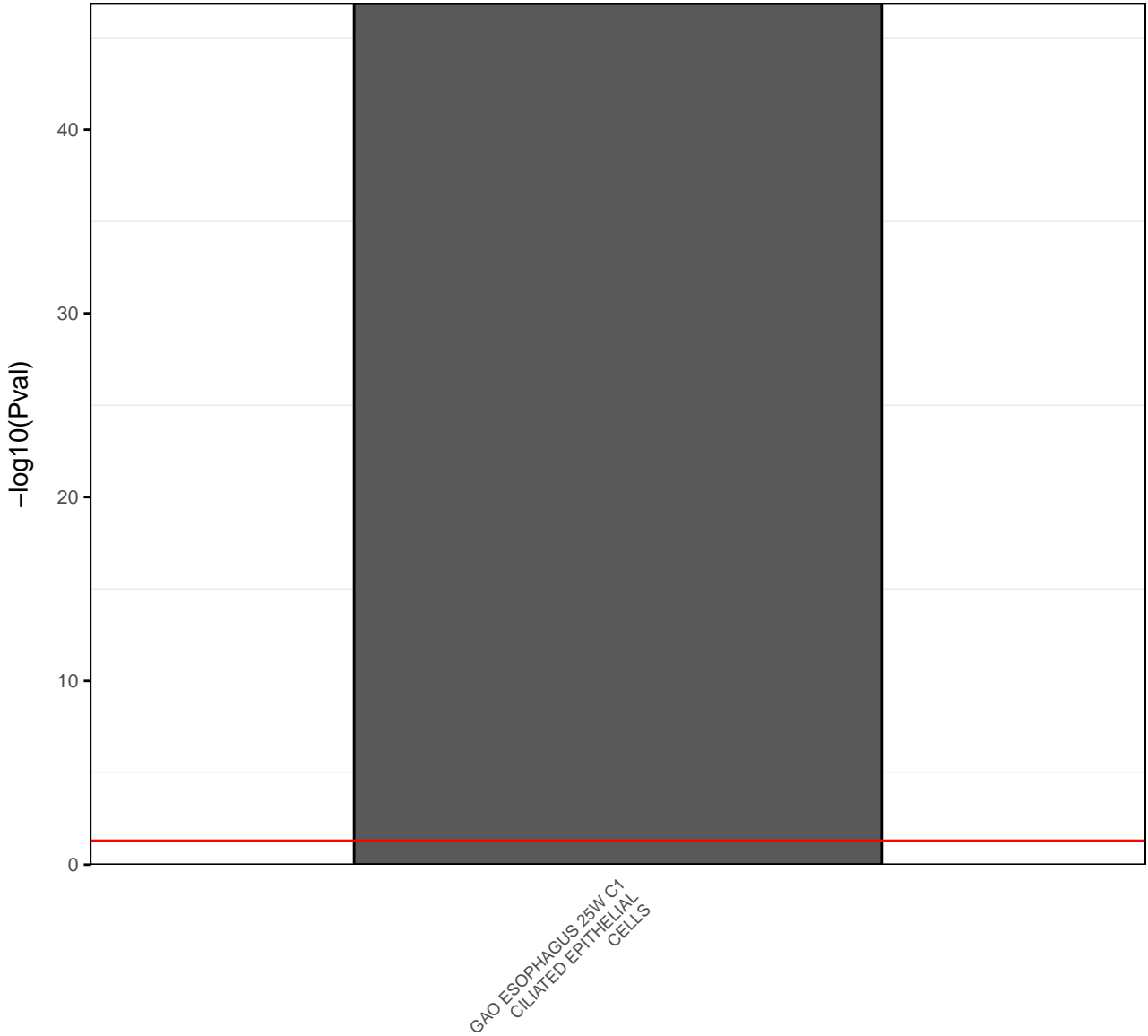
Top 100 by kME

Bicor-None_signum0.529_minSize20_merge_ME_0.85_18566

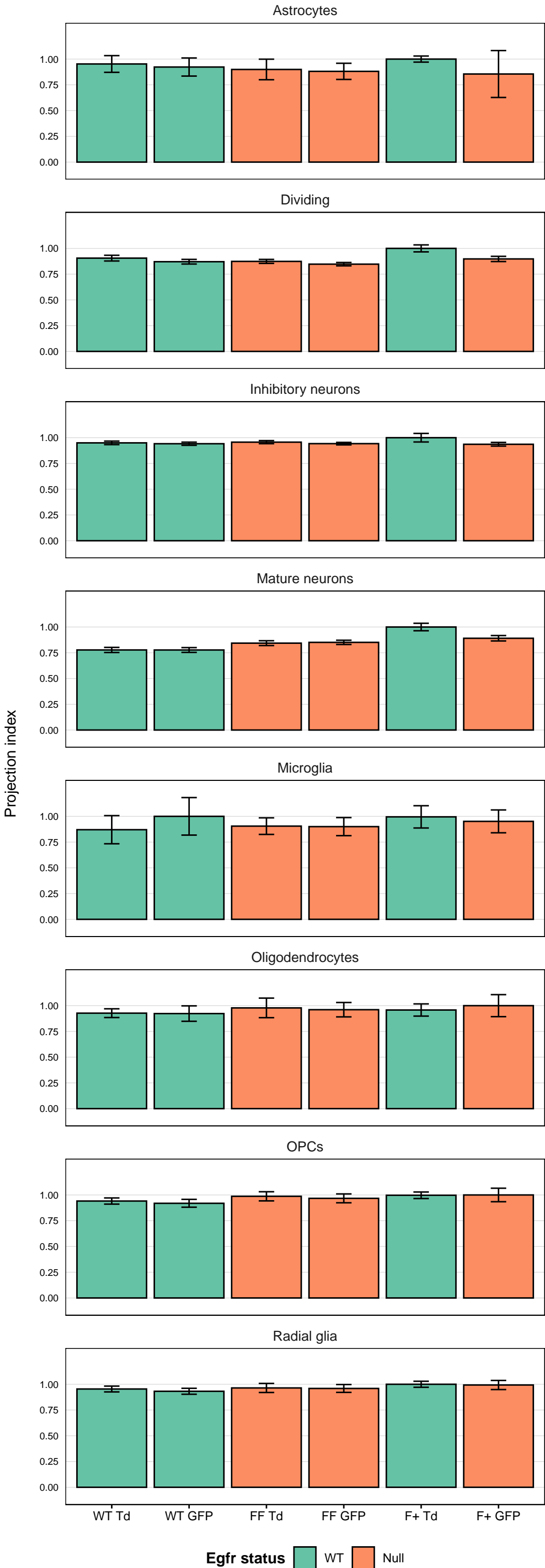


Top genes by kME

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

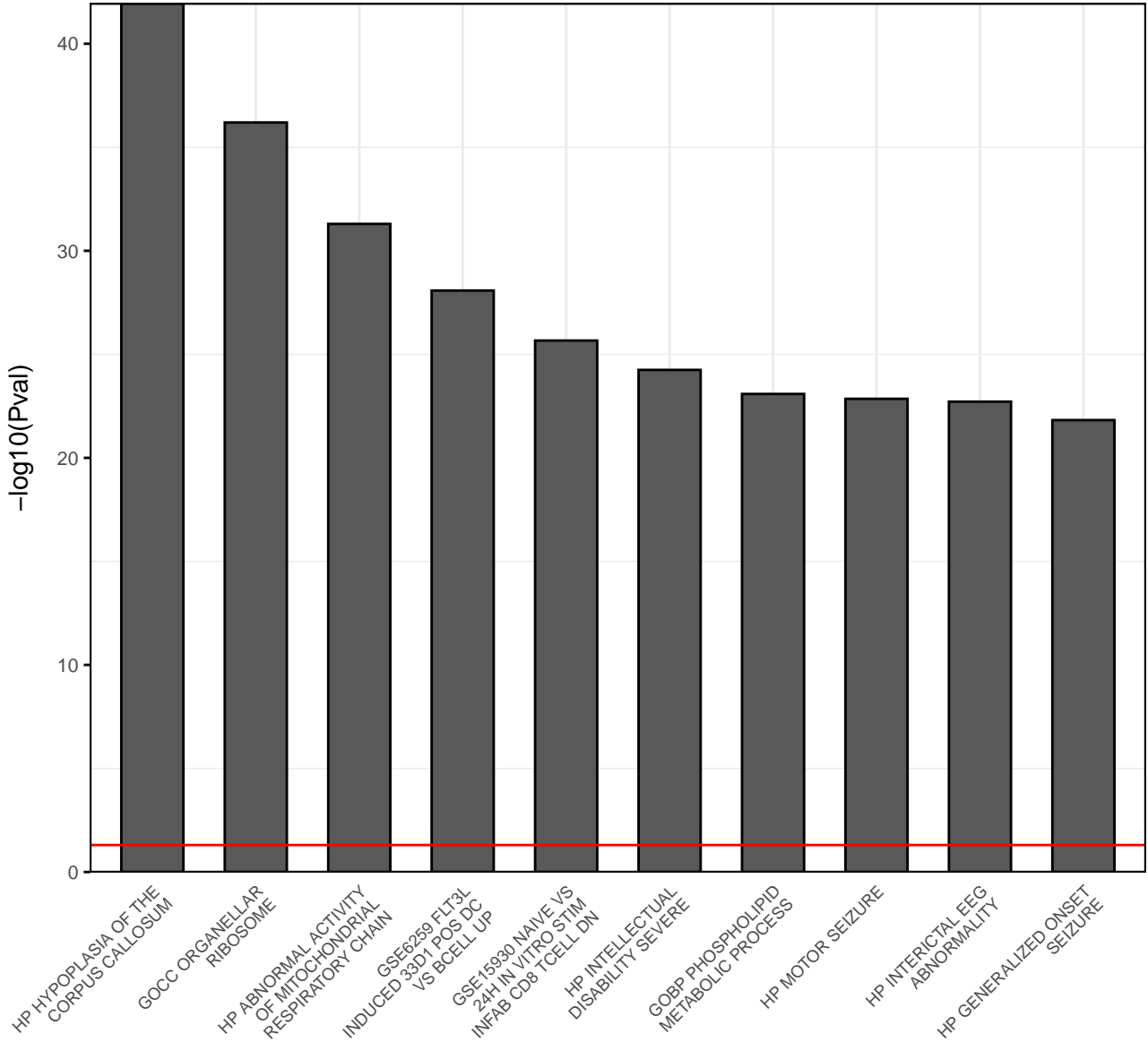


turquoise module
Top 100 by kME
Bicor-None_signum0.529_minSize20_merge_ME_0.85_18566

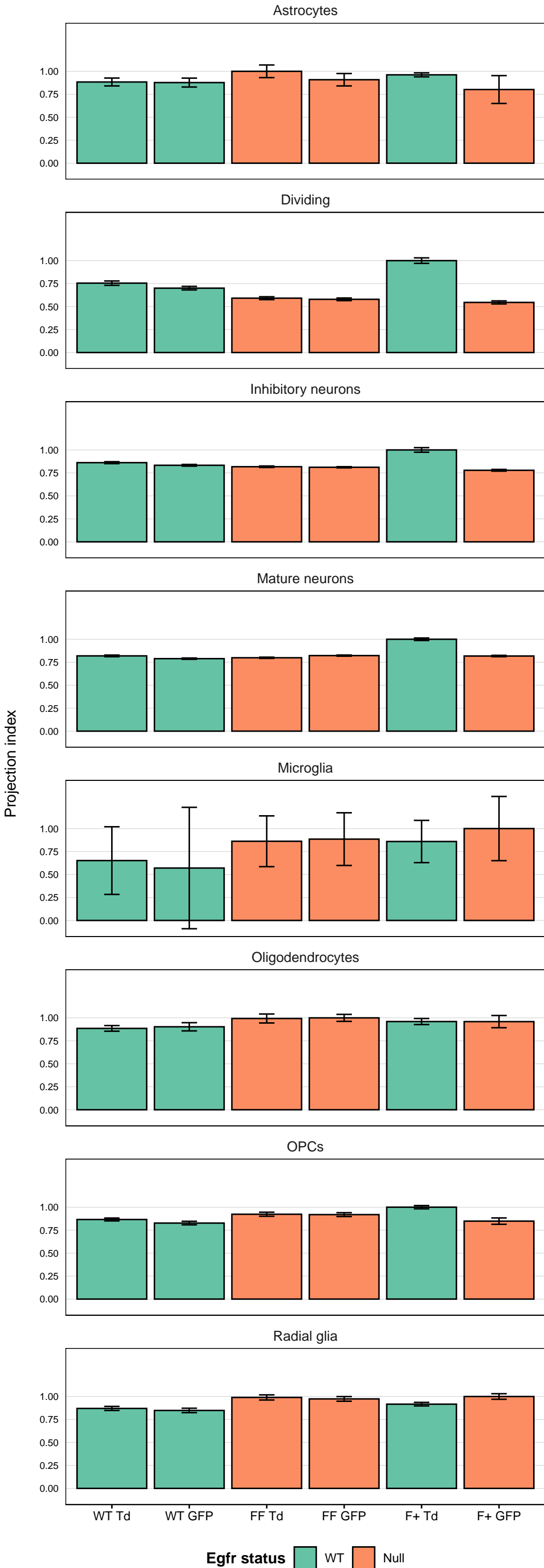


Top genes by kME

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

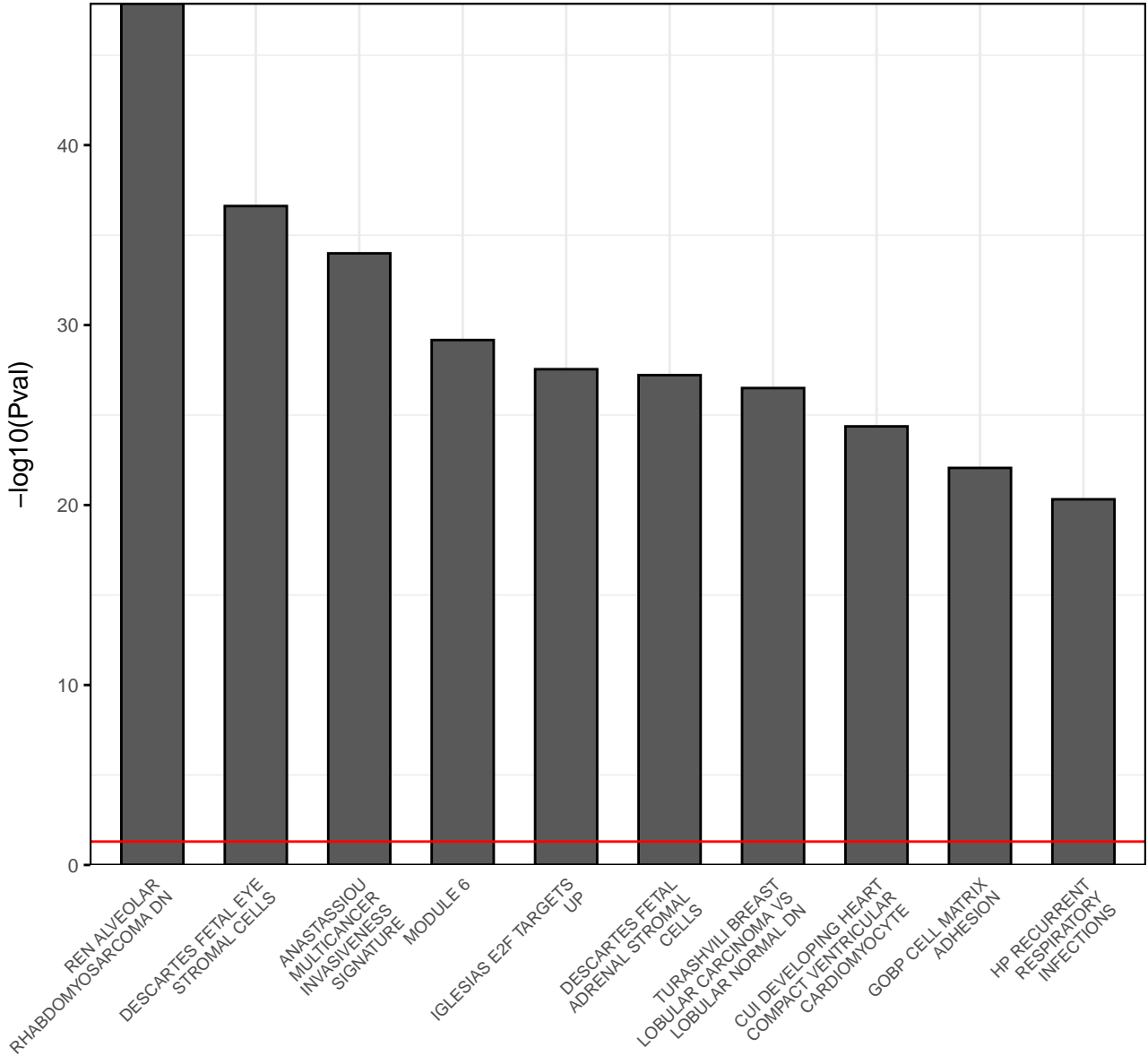


green module
Top 100 by kME
Bicor=None_signum0.757_minSize12_merge_ME_0.85_18566

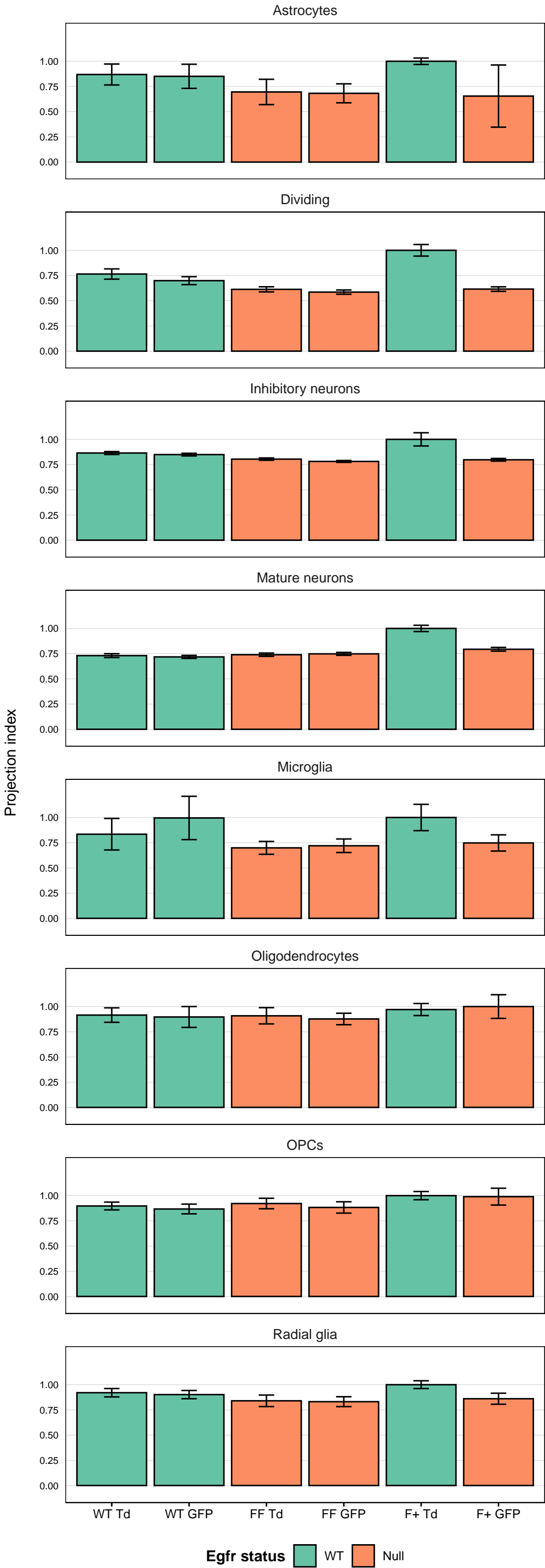


Top genes by kME

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

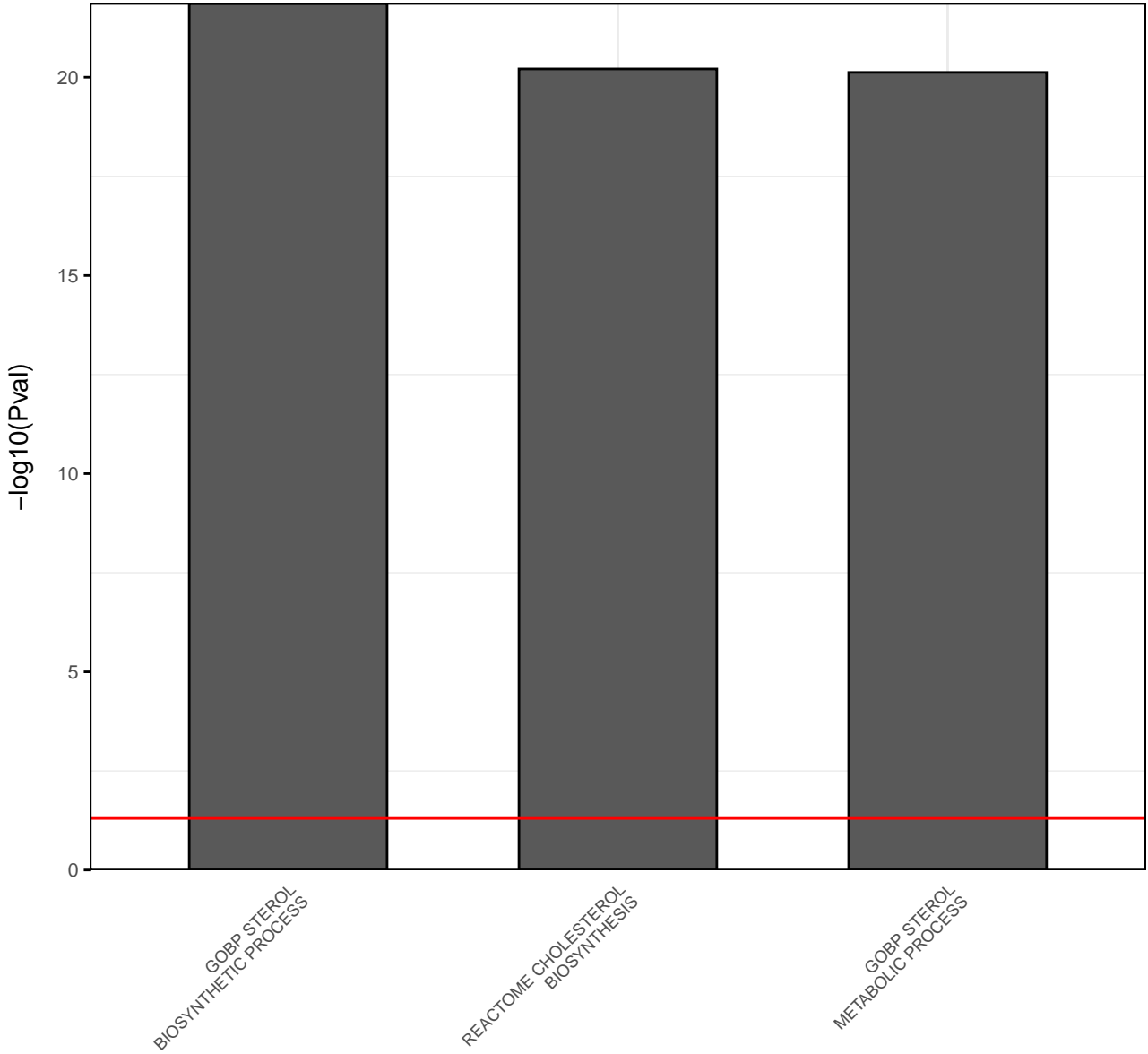


greenyellow module
Top 100 by kME
Bicor-None_signum0.757_minSize12_merge_ME_0.85_18566



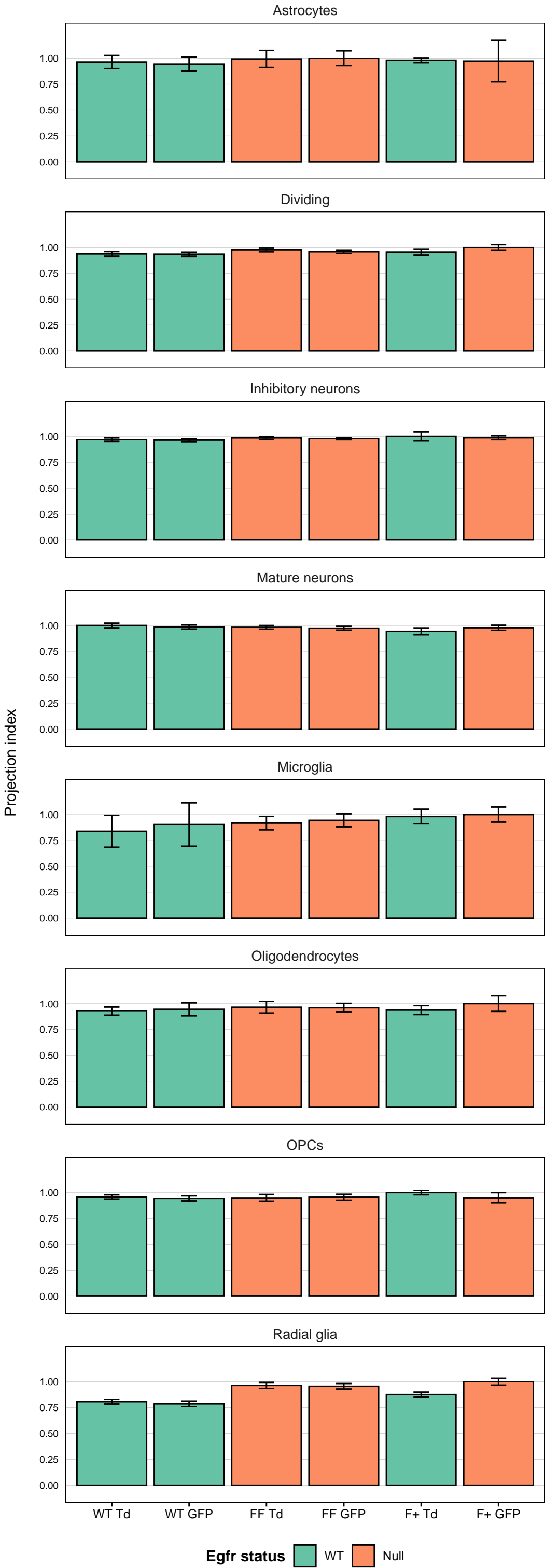
Top genes by kME

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



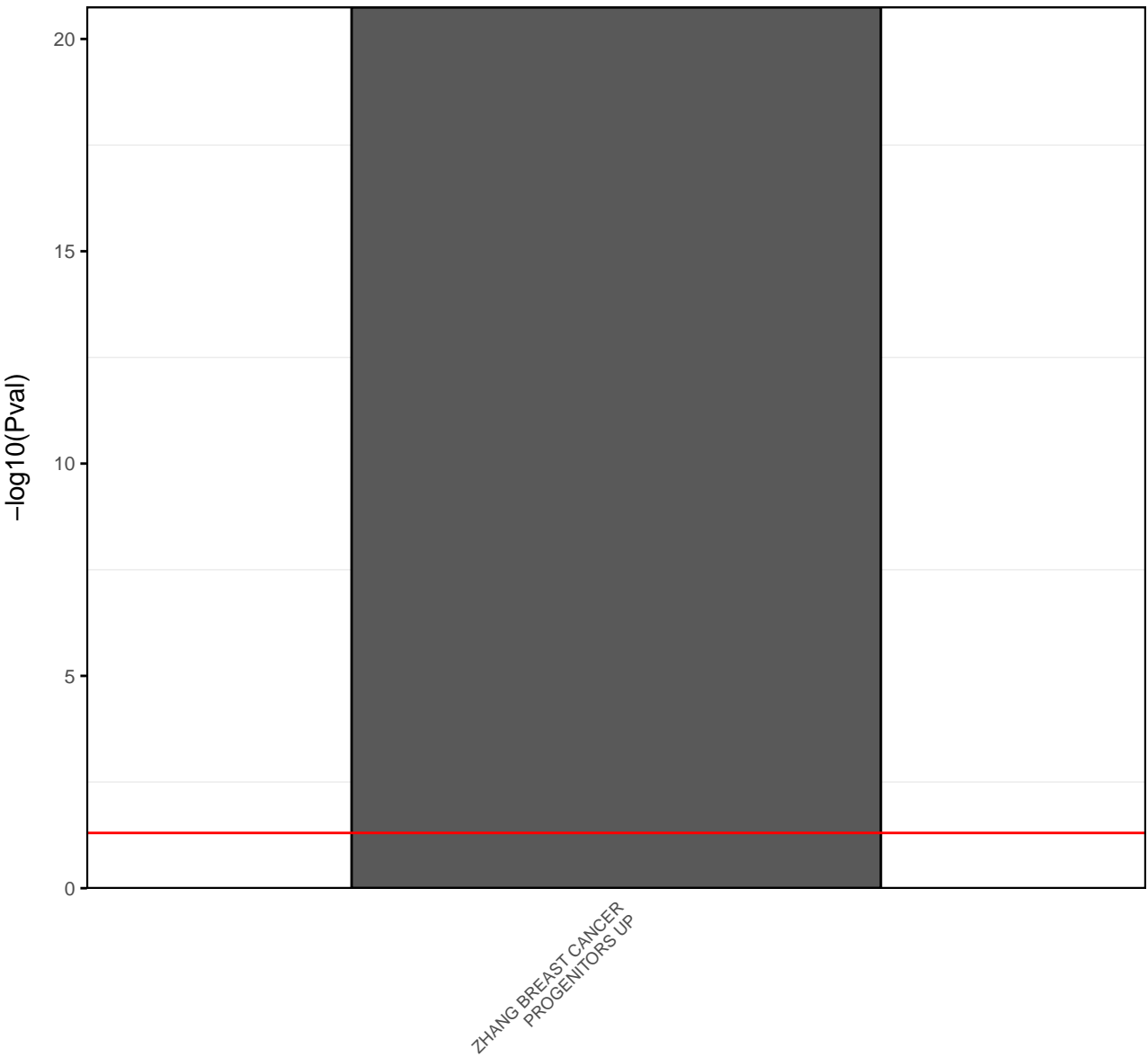
tan module
Top 100 by kME

Bicor-None_signum0.757_minSize12_merge_ME_0.85_18566

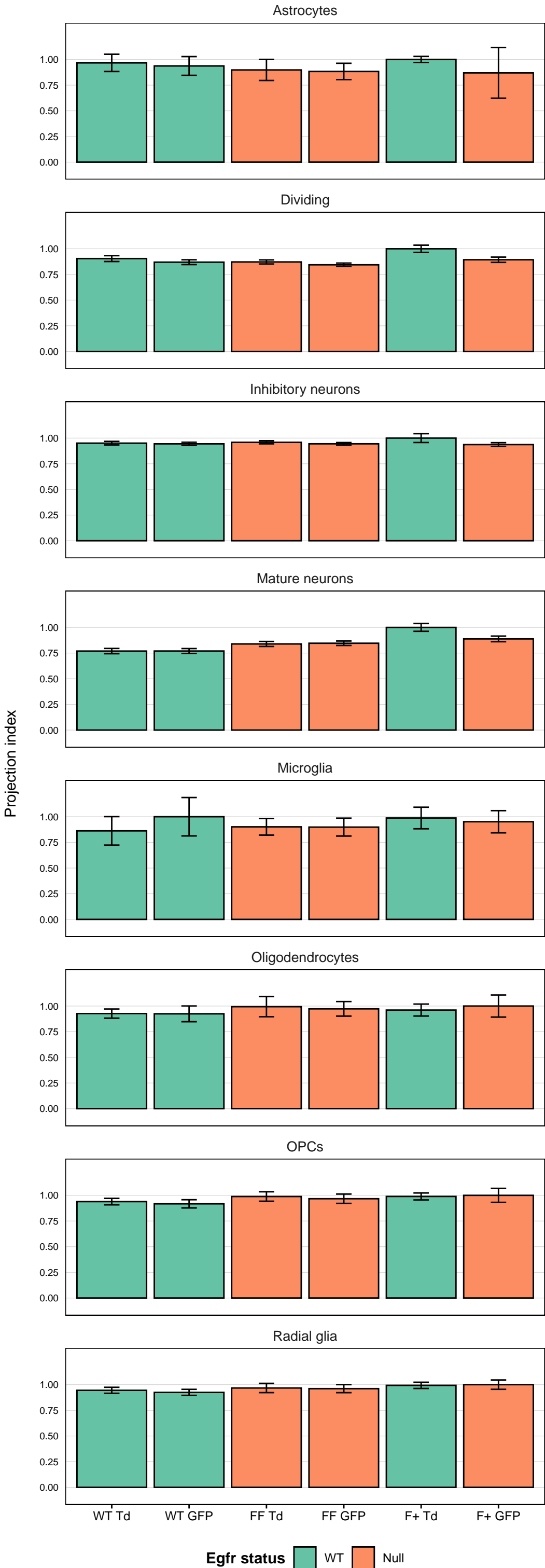


Top genes by kME

Pls3
Cfap52
Dnajc9
H3f3b
Cks1b
Dlx1as
Tle1
Hmgn2
Pdlim4
Prkd1
2410004P03Rik
Clybl
Mtss1
Hat1
Gm19935
Tm4sf1
Fars2
Rad51b
Sema3c
H1f0

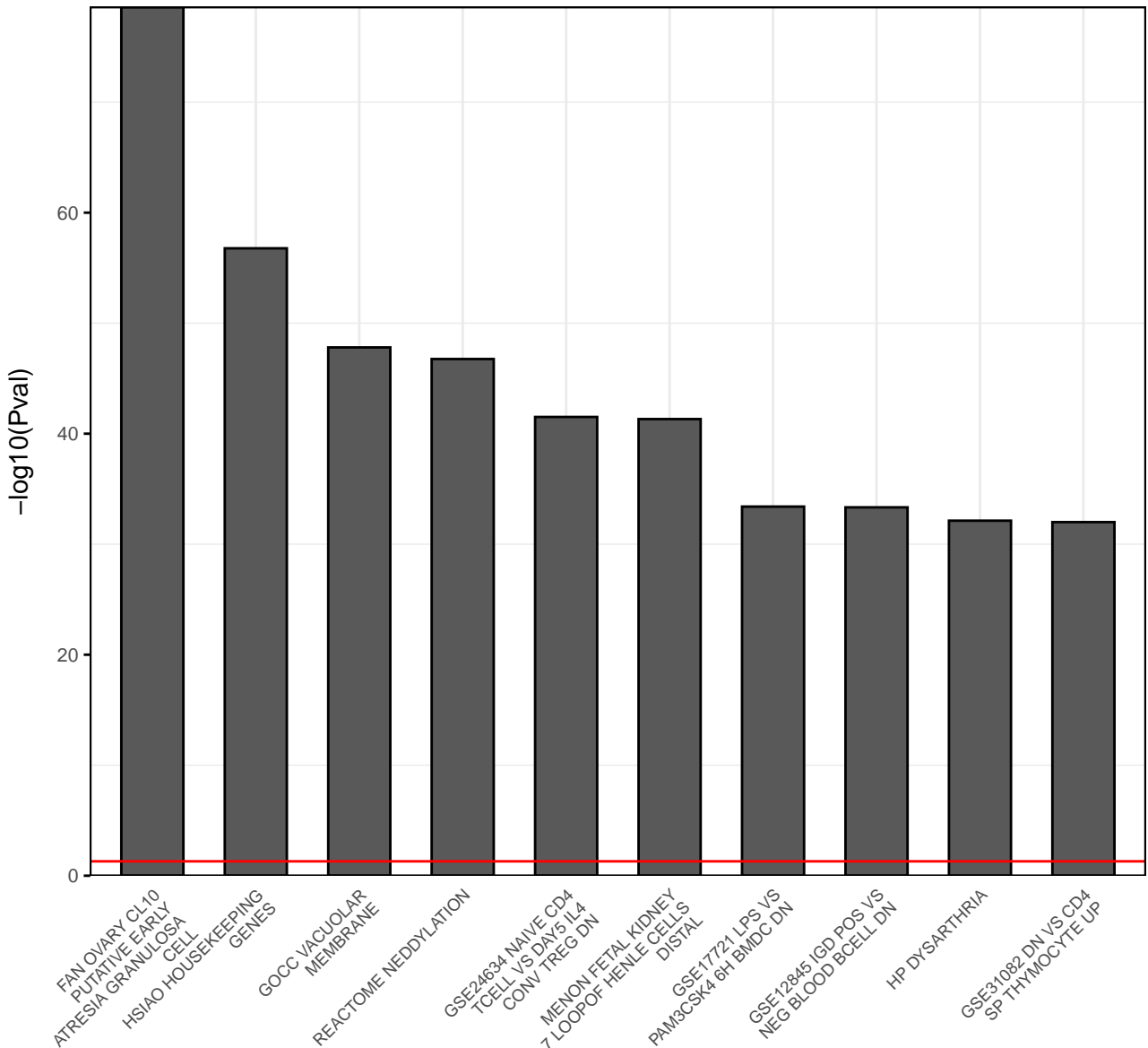


turquoise module
Top 100 by kME
Bicor-None_signum0.757_minSize12_merge_ME_0.85_18566

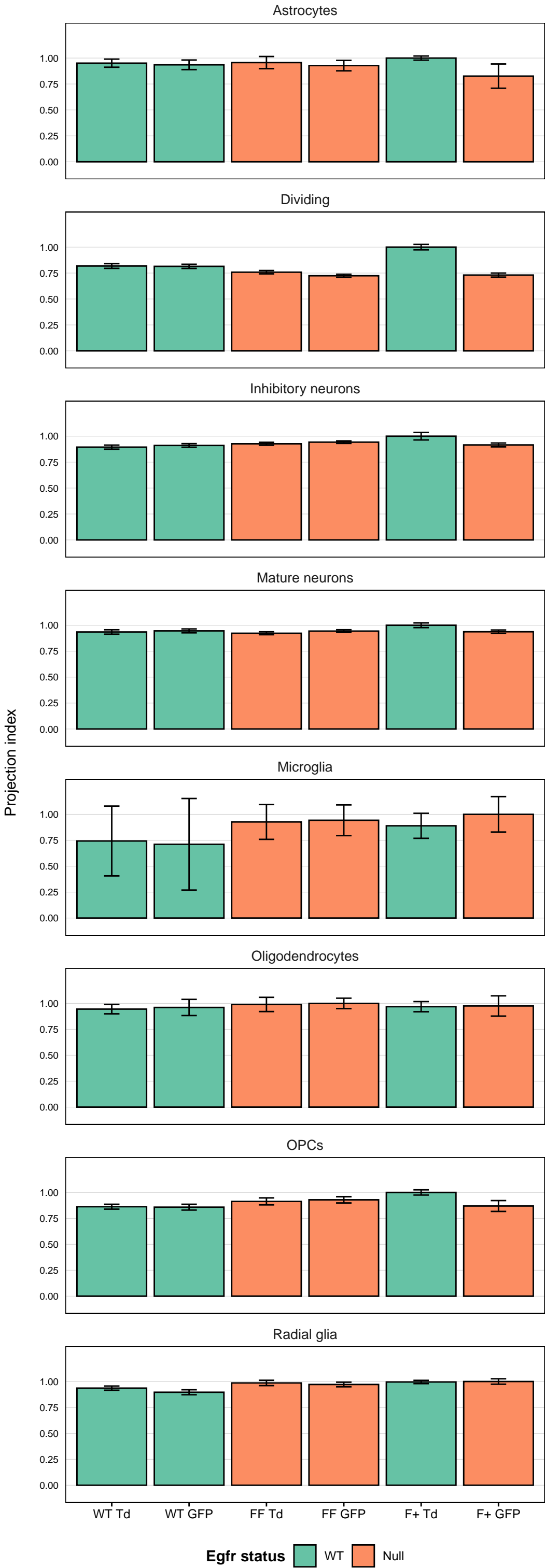


Top genes by kME

Dut
Ldha
Selenoh
Cadps
Oat
Adcy8
Grid1
Eda
Hspa5
Nell2
Ctnna2
Actr3b
Mpzl1
C1qtnf4
Uchl1
Gabrg2
Brip1os
Tubb2b
Grm7
Tafa1

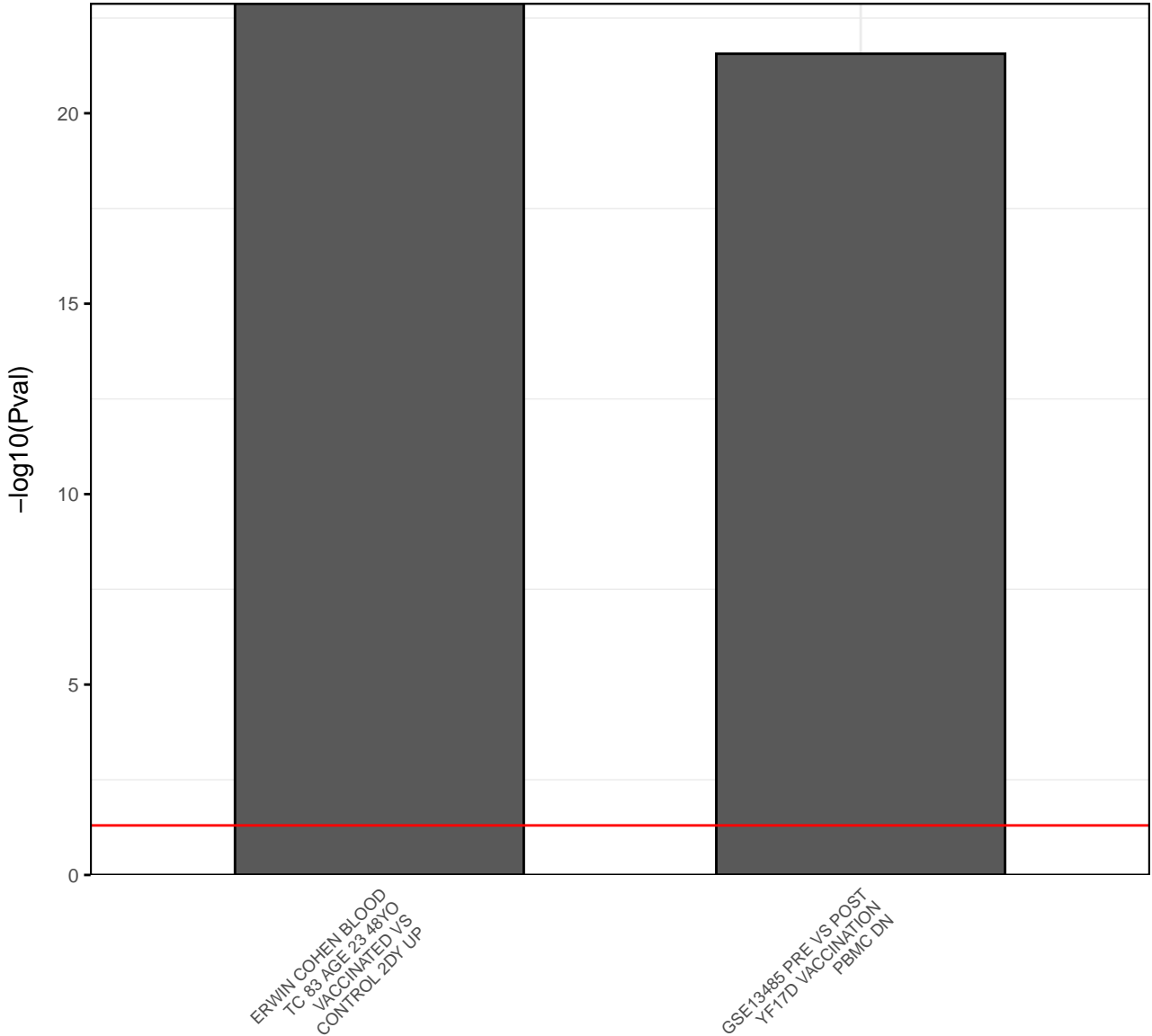


darkred module
Top 100 by kME
Bicor-None_signum0.508_minSize15_merge_ME_0.85_18566

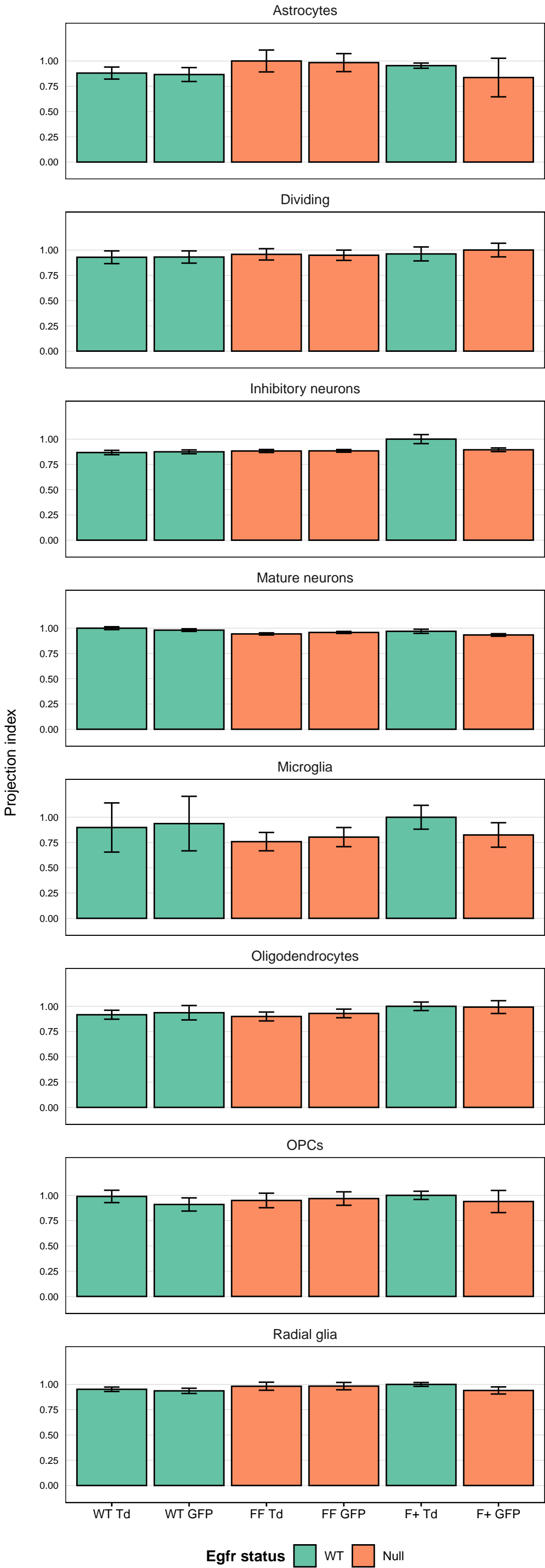


Top genes by kME

Tenm1
Ifitm3
Kcnq1ot1
Lncpint
Thsd4
Gm26871
Etv6
Srgn
Lgals3
A330076H08Rik
Atf3
Ctsc
Arpc1b
Zfhx4
Spi1
Hhip
Camk4
A230057D06Rik
H2-K1
Ly86

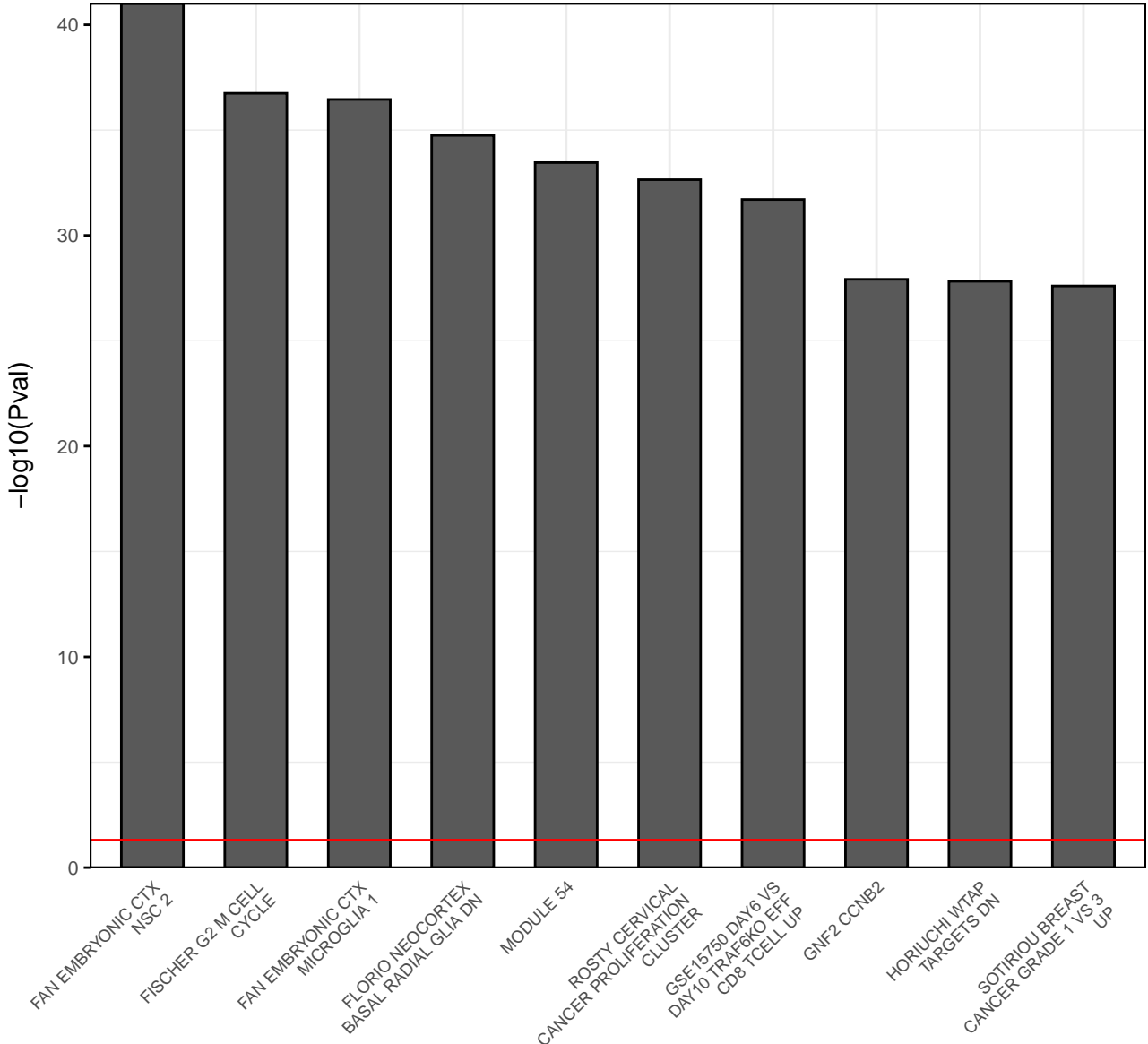


indianred4 module
Top 100 by kME
Bicor-None_signum0.508_minSize15_merge_ME_0.85_18566

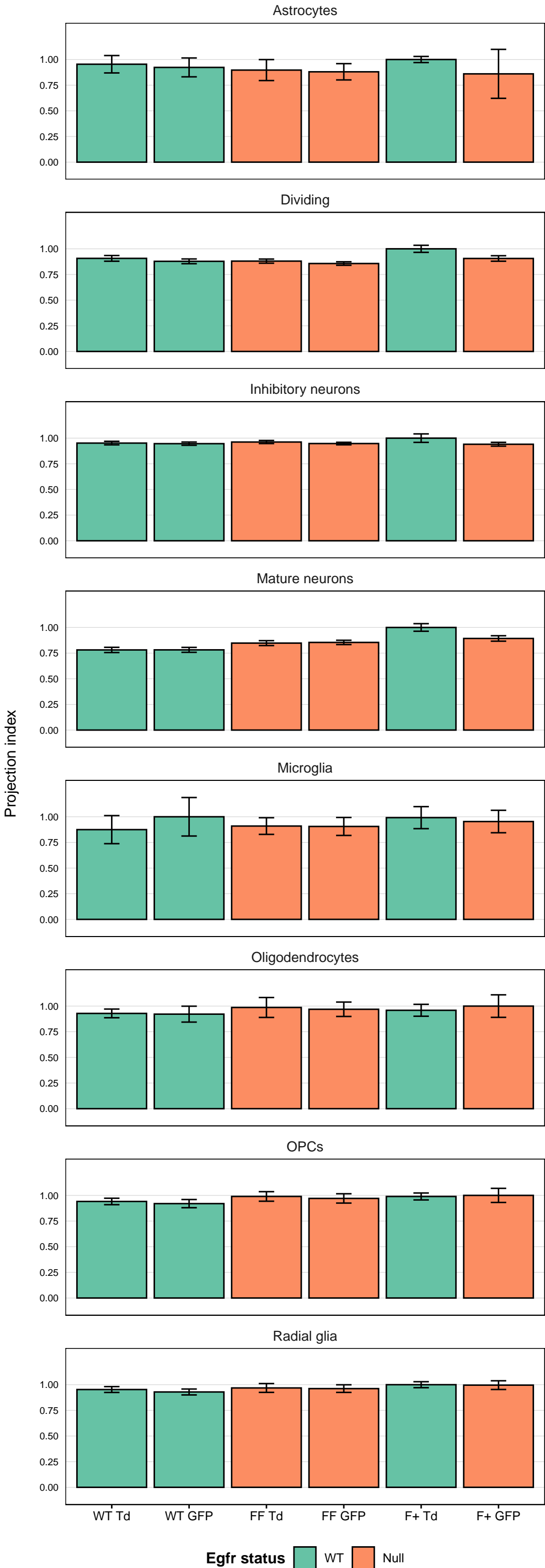


Top genes by kME

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

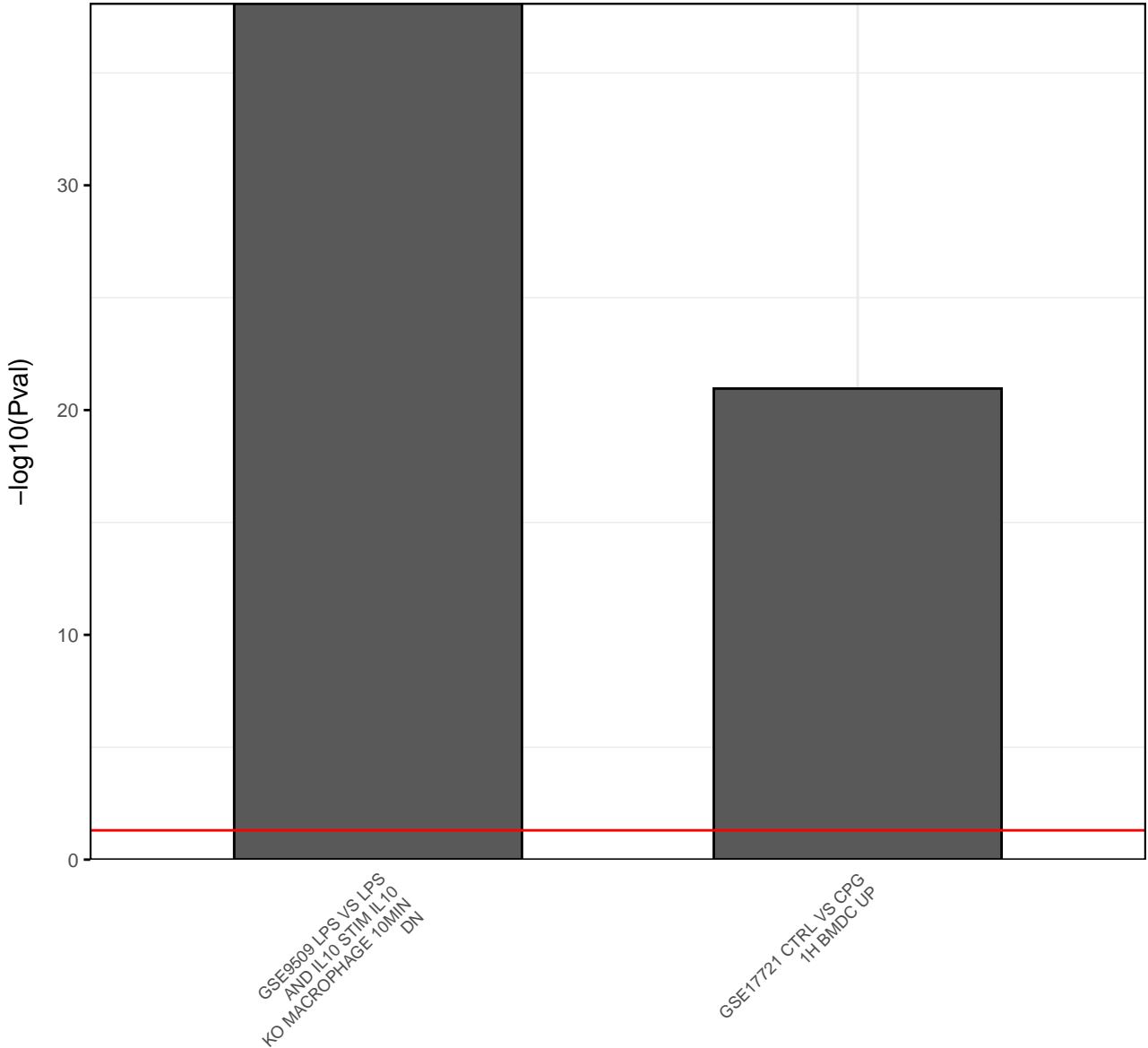


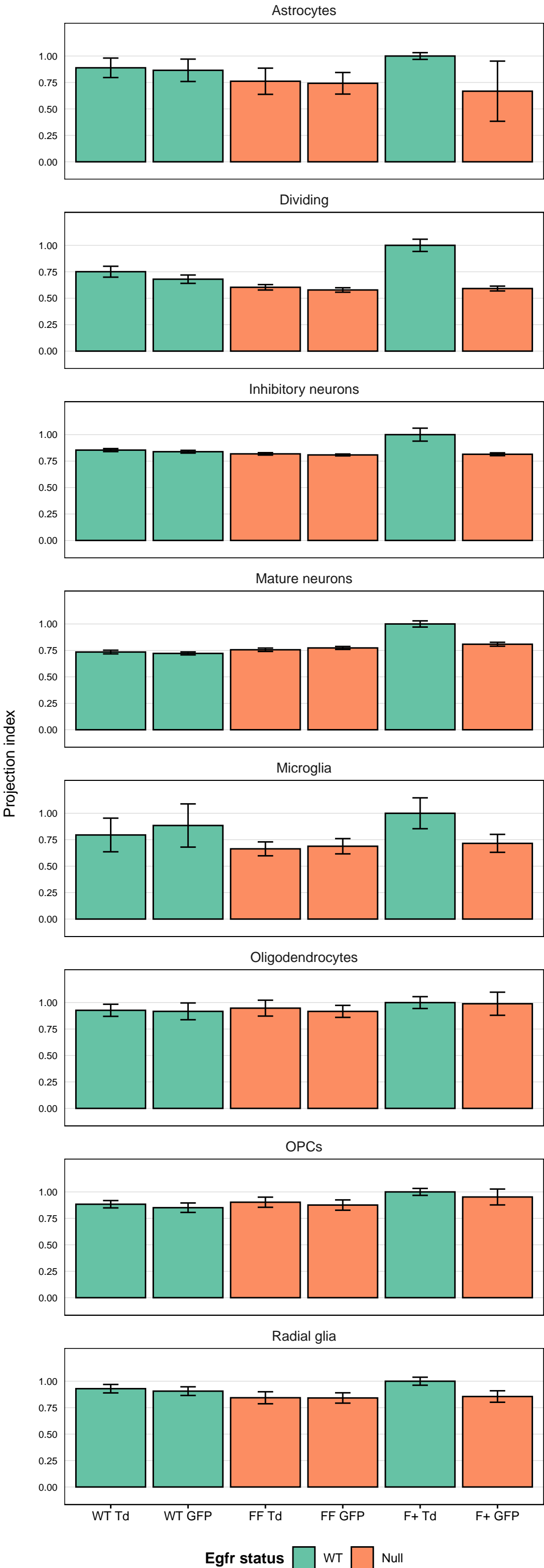
turquoise module
Top 100 by kME
Bicor-None_signum0.508_minSize15_merge_ME_0.85_18566



Top genes by kME

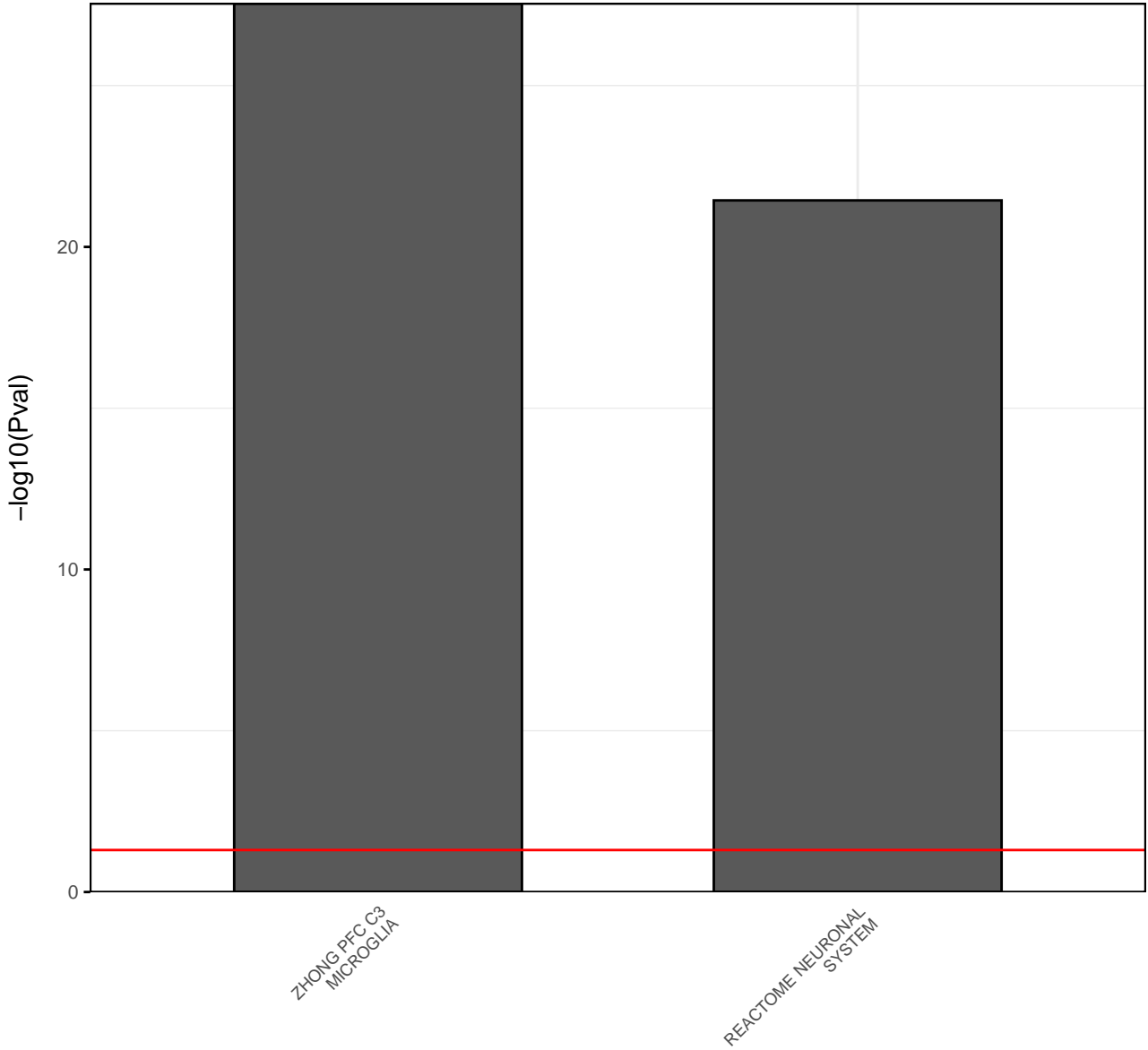
Plek
S100a11
Prokr2
Fam135b
Zfp36
Ksr2
Neb
Tagln2
Cdkn1a
Mir99ahg
Ly86
mt-Co2
B2m
Kcnq1ot1
Mir100hg
Asxl3
Msn
Grk3
Ank3
Pou2f2





Top genes by kME

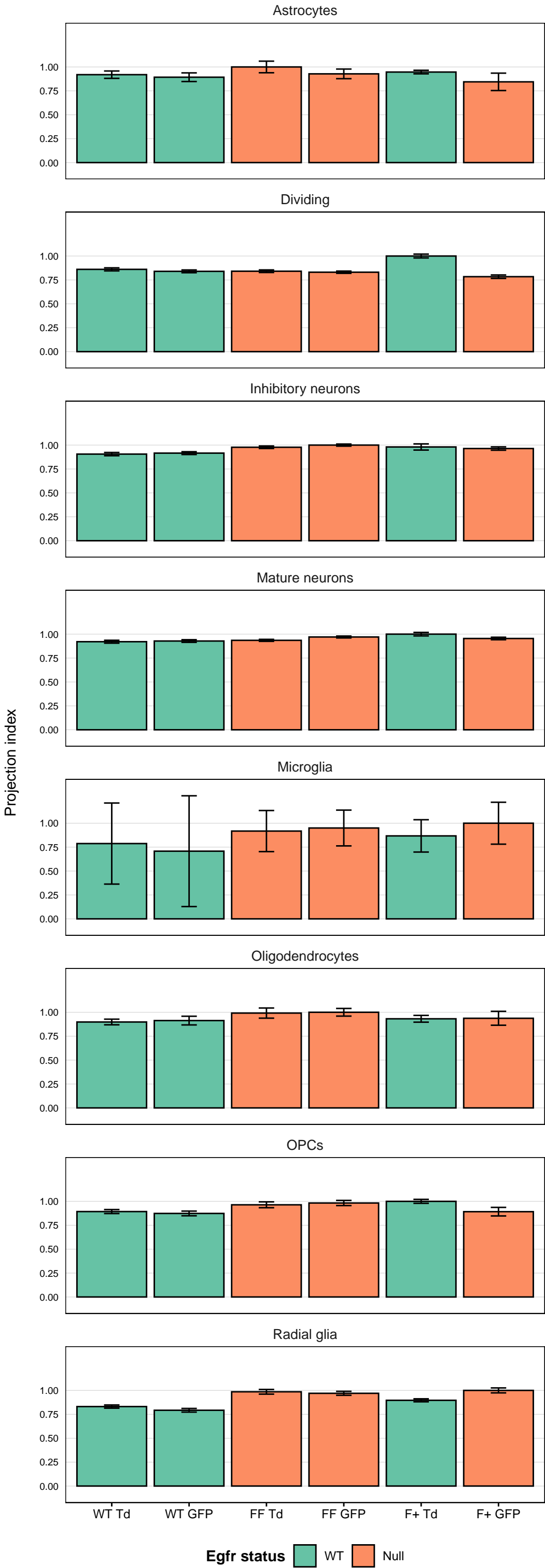
Cspg5
Rlbp1
Rgcc
Pttg1
Arhgef4
Map3k5
Scd2
Galnt16
Mcu
Tubb3
Mfhas1
Rangap1
Mfsd2a
Snap91
Spock2
Acsbg1
Zdhhc2
Pfn2
Tubb5
Glud1



tan module

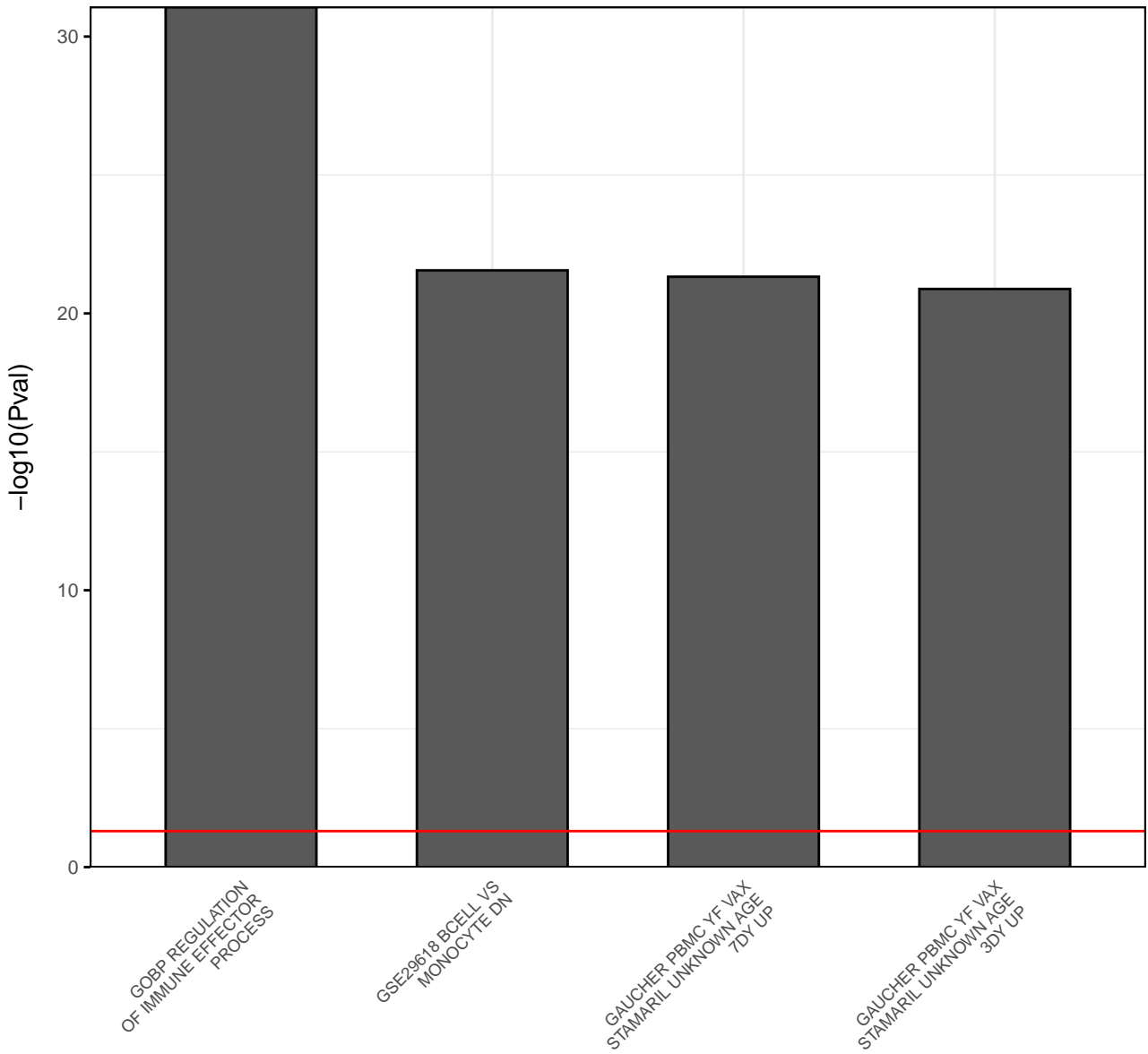
Top 100 by kME

Bicor-None_signum0.607_minSize20_merge_ME_0.85_18566

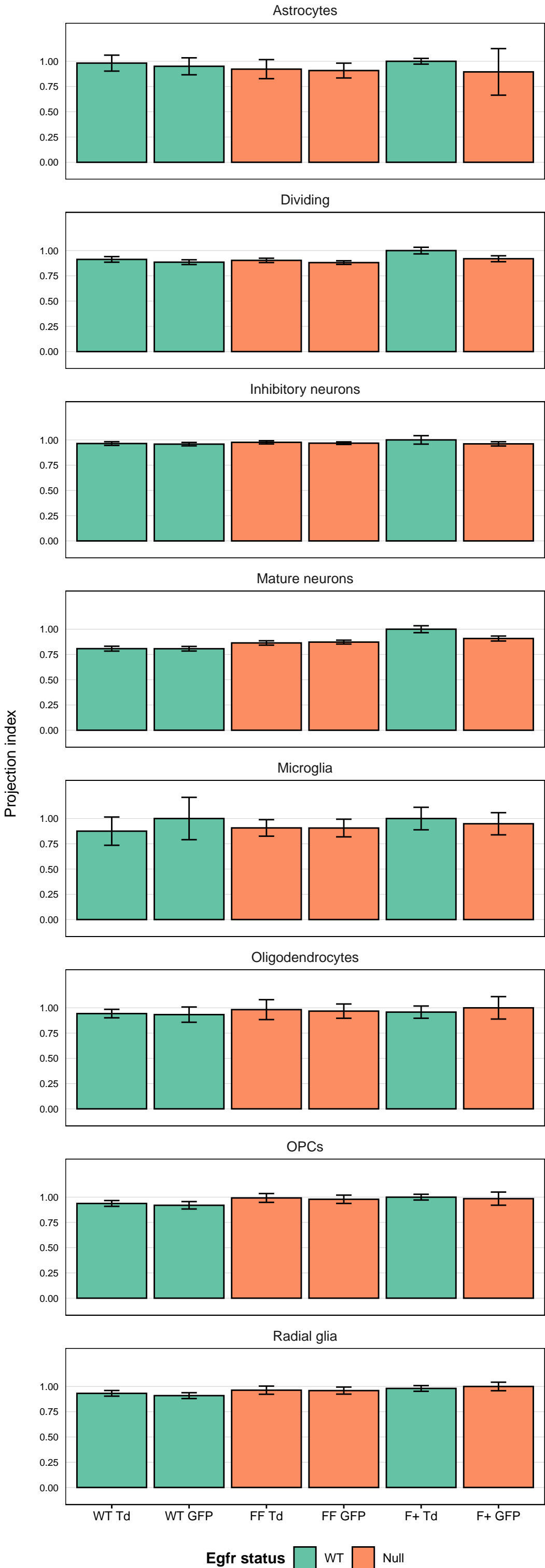


Top genes by kME

Dock2
C1qb
Cx3cr1
Fyb
Adgre1
Cyba
Laptm5
Lgmn
Aif1
Trf
Fcer1g
Ctss
Spi1
ErbB4
Cemip2
Nfkbiz
Dach2
F13a1
St6gal1
Hdac9

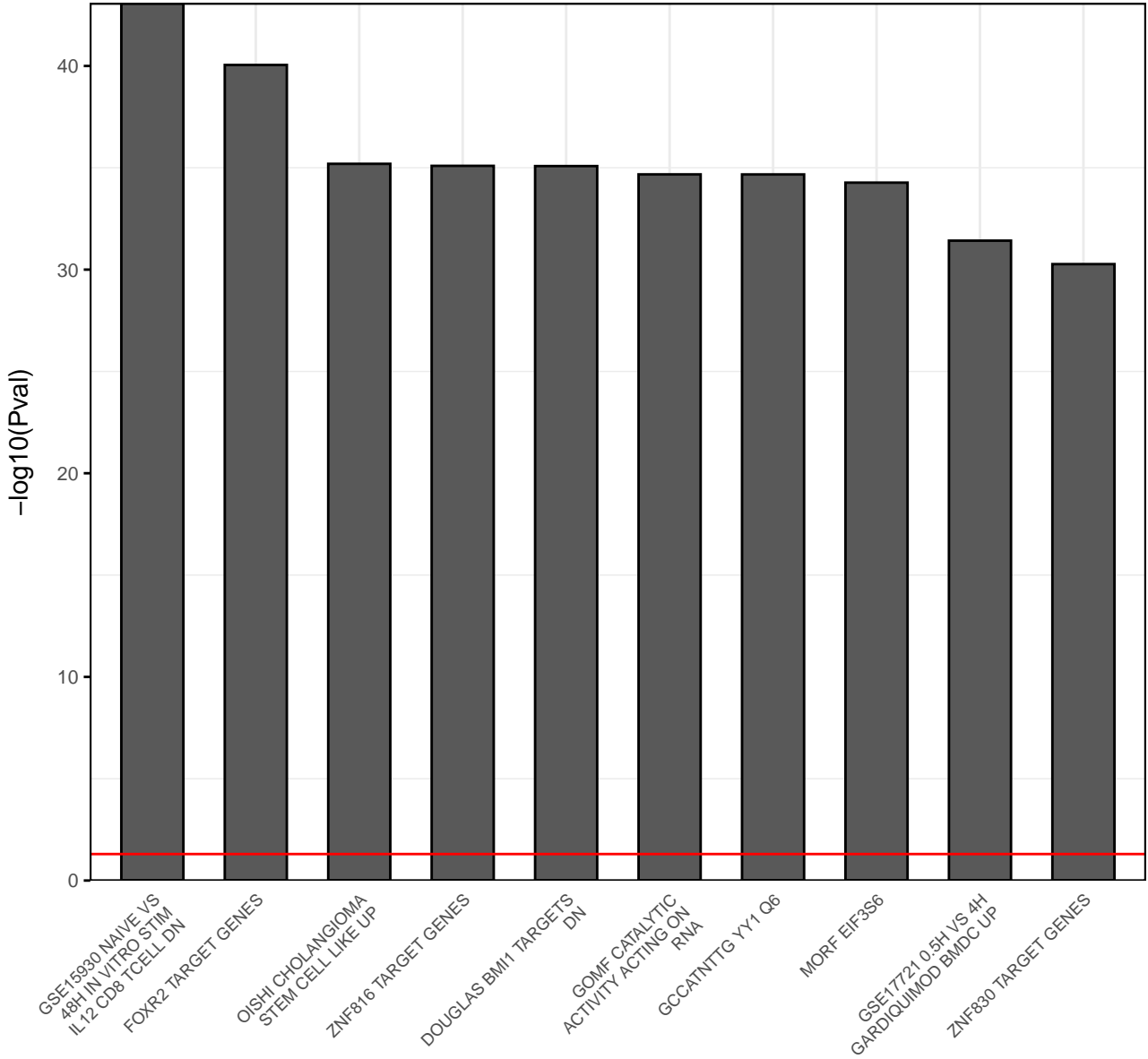


turquoise module
Top 100 by kME
Bicor-None_signum0.607_minSize20_merge_ME_0.85_18566



Top genes by kME

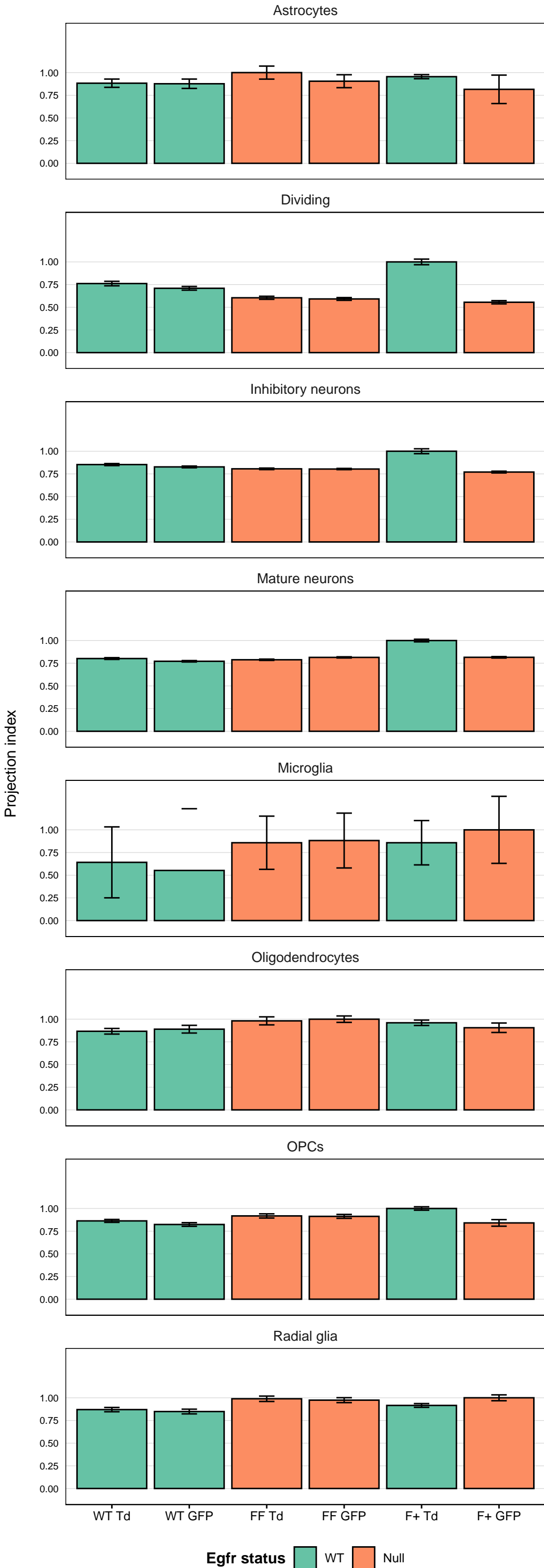
Msra
Ptma
Wdr49
Shisa6
Lhx2
Ccdc146
Sema3e
Gm19935
Cfap206
Tac2
Emx2os
2410004P03Rik
Gm11266
Dynlrb2
Brip1
Lix1
Sema3c
Cfap52
Crym
Hdc



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

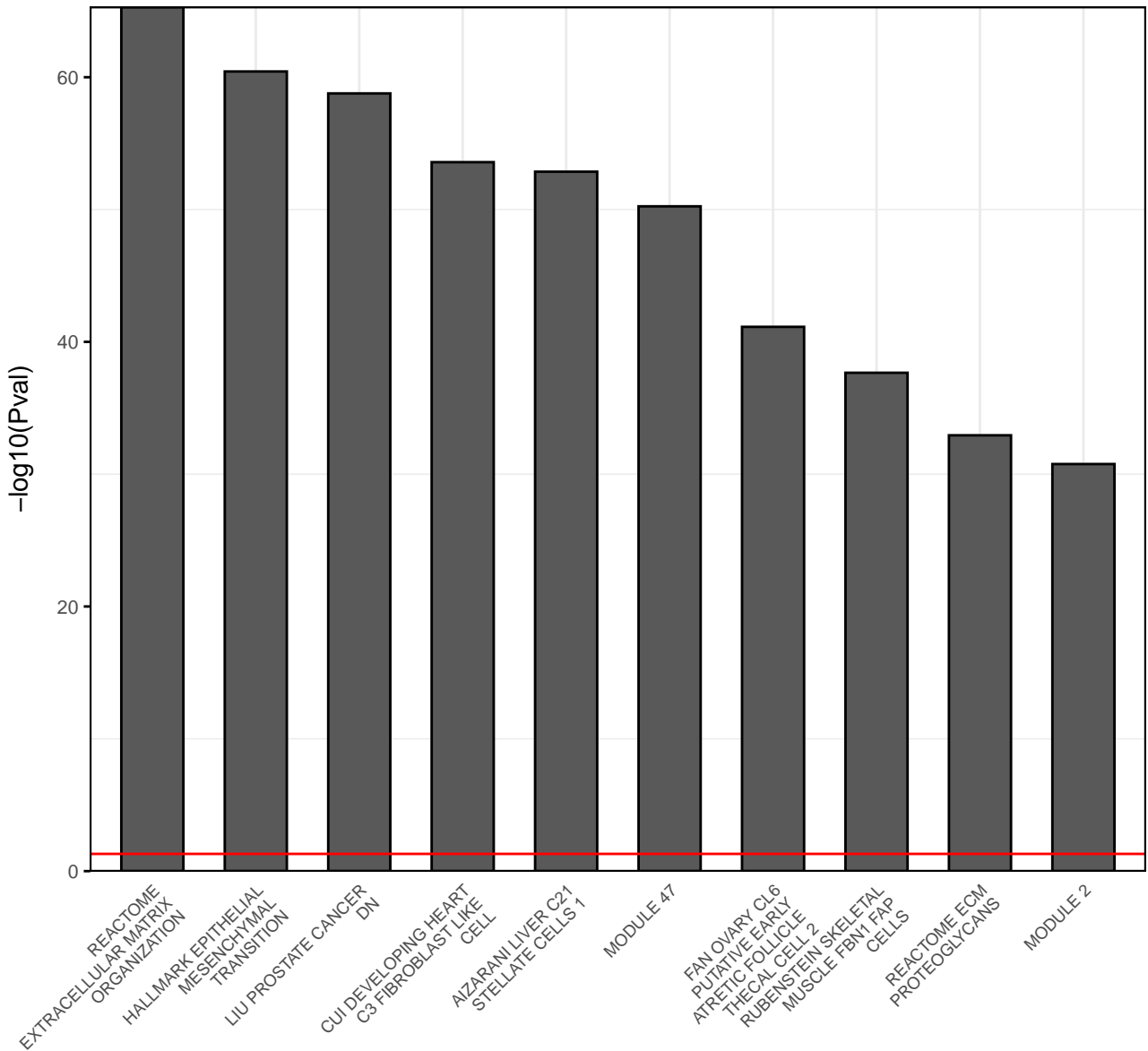
Ano3

Gal3st1

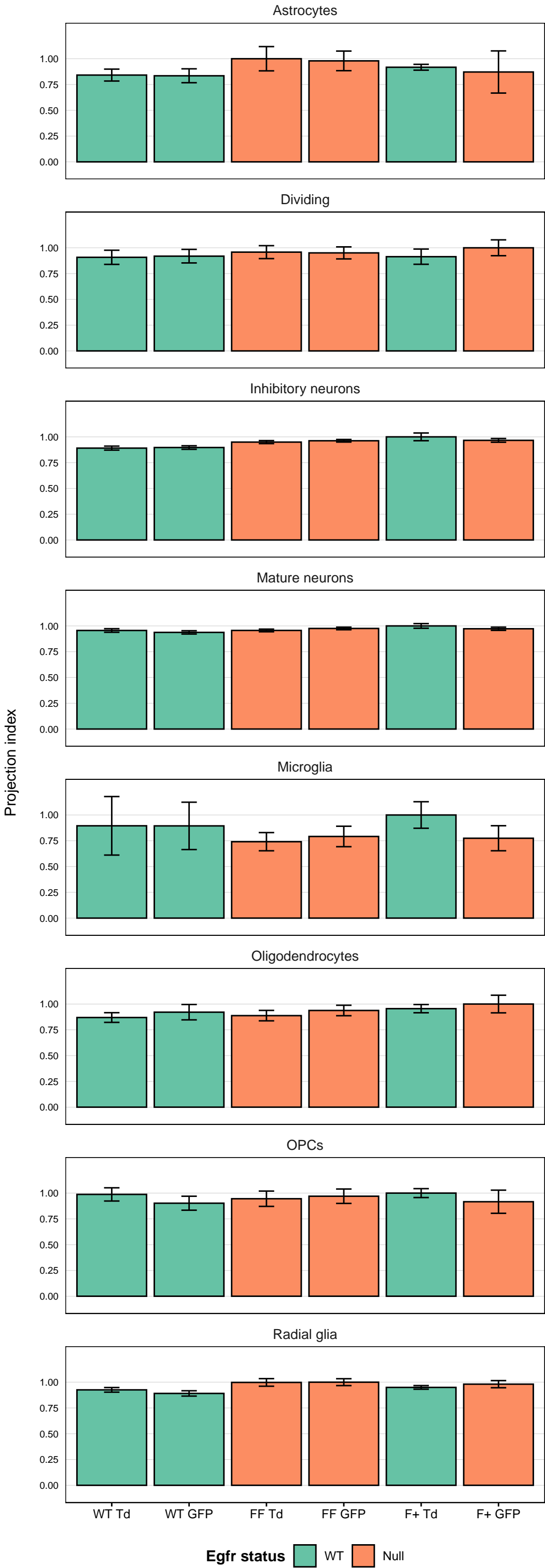
Shc4

Fat3

Prickle2

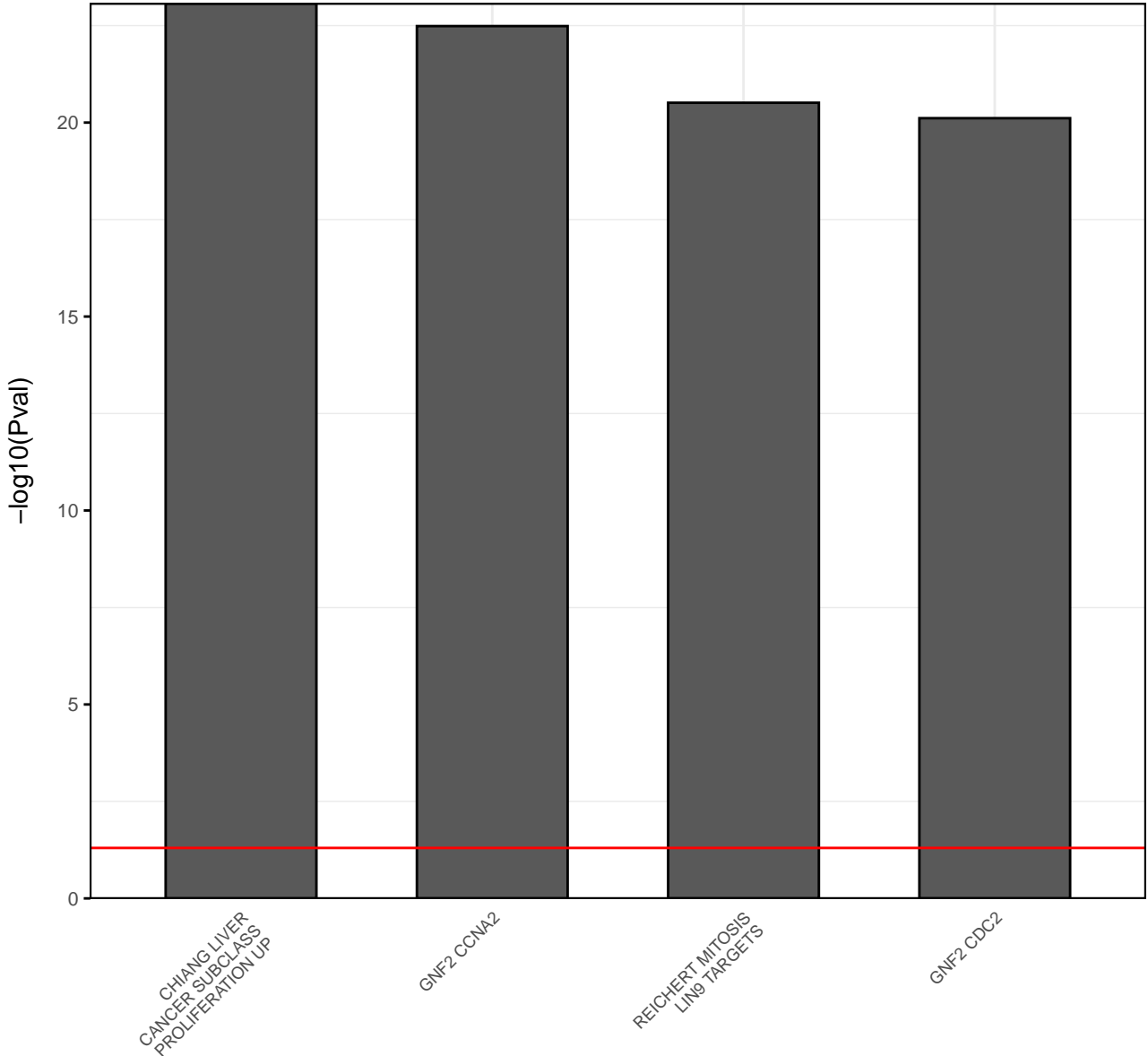


antiquewhite1 module
Top 100 by kME
Bicor-None_signum0.607_minSize10_merge_ME_0.85_18566

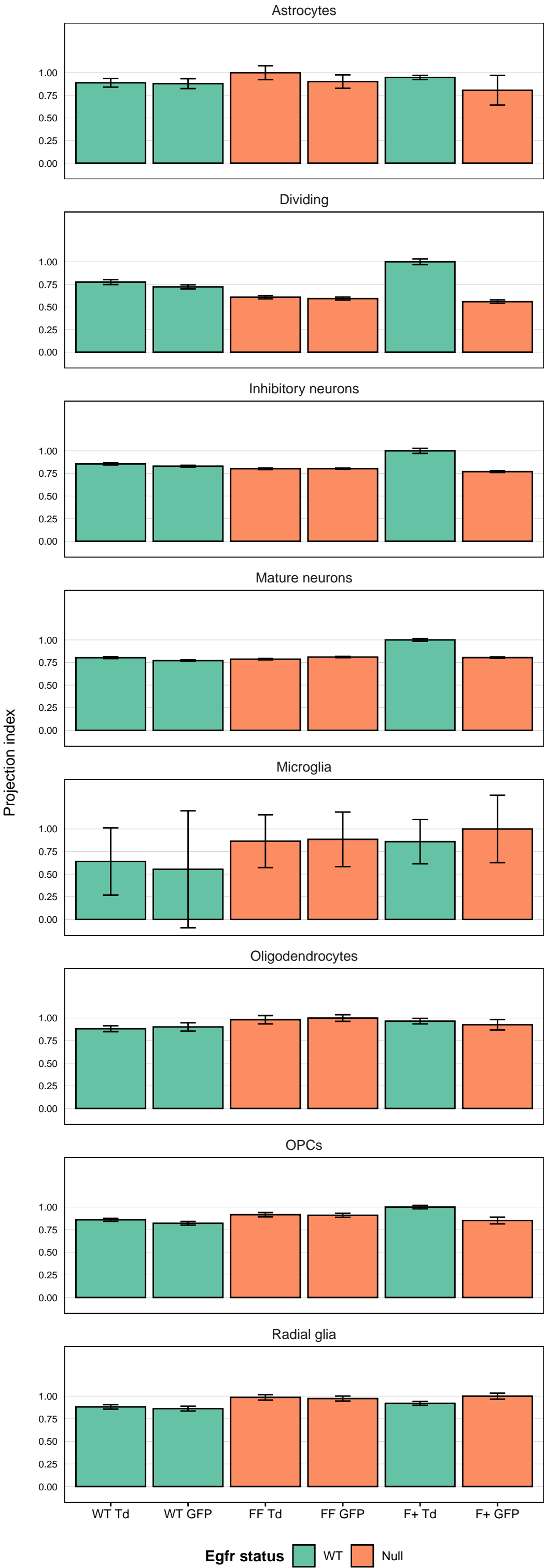


Top genes by kME

Cenpe
Mki67
Cenpf
Ckap2l
Aspm
Mis18bp1
Smc4
Kif20b
Cep55
Hmgb2
Hmnr
Sgo2a
Dlgap5
Tpx2
Plk1
Incenp
Arhgap11a
Cdca3
Nusap1
Prc1

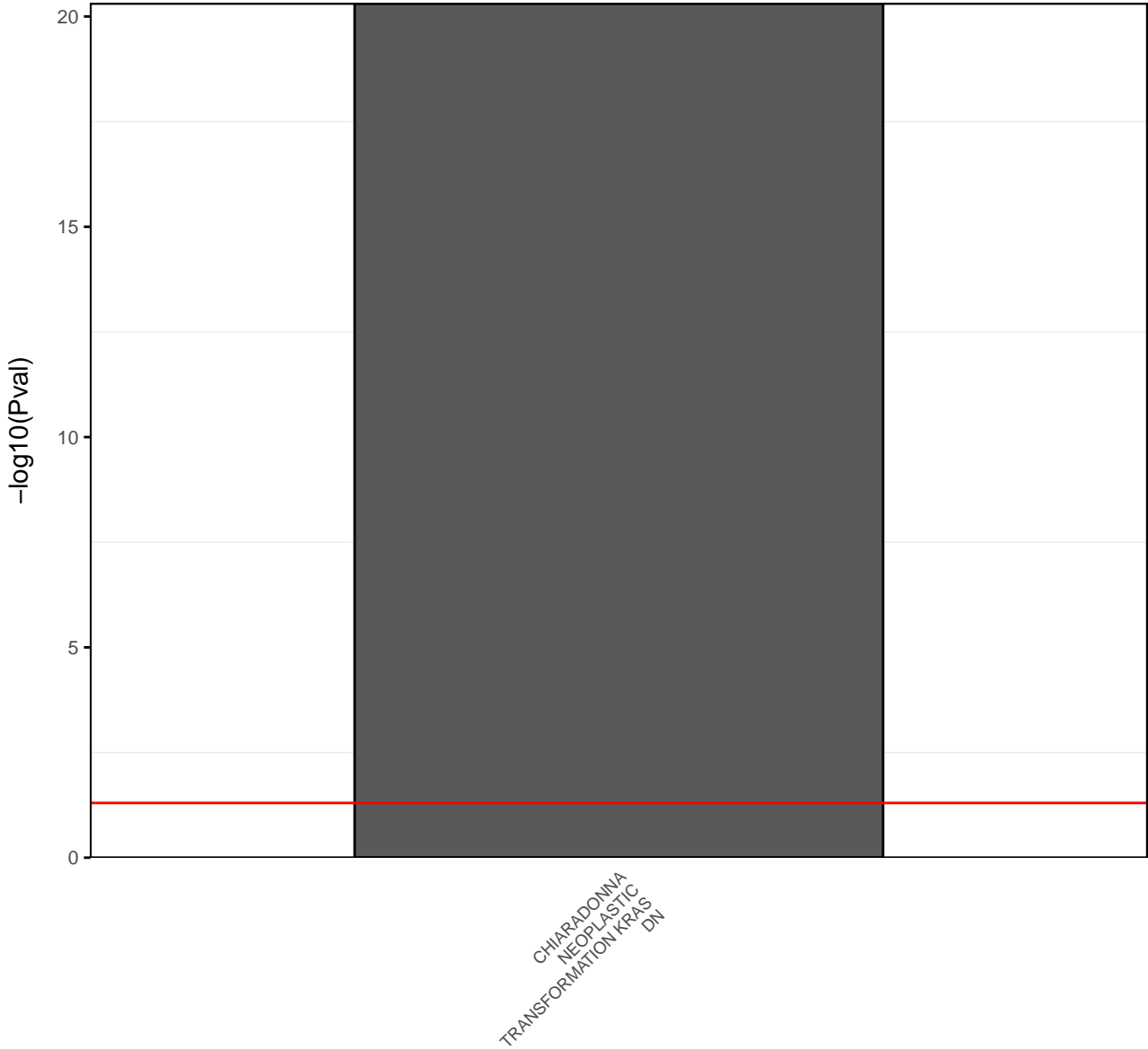


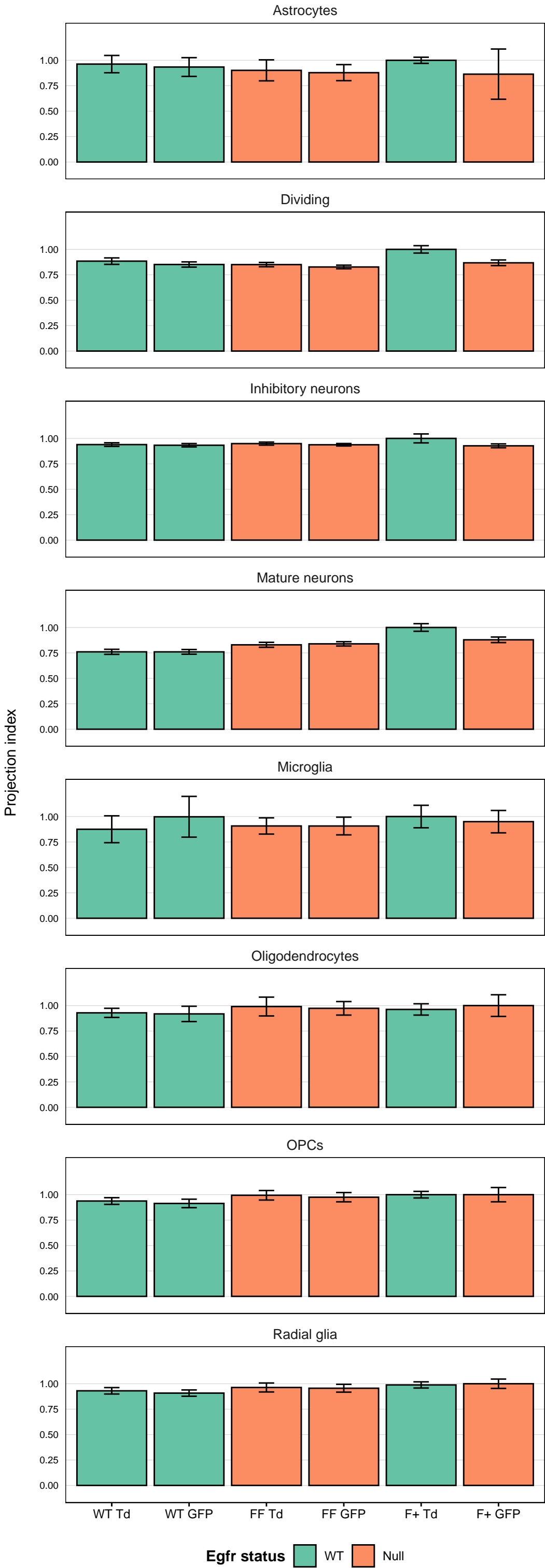
blue module
Top 100 by kME
Bicor-None_signum0.607_minSize10_merge_ME_0.85_18566



Top genes by kME

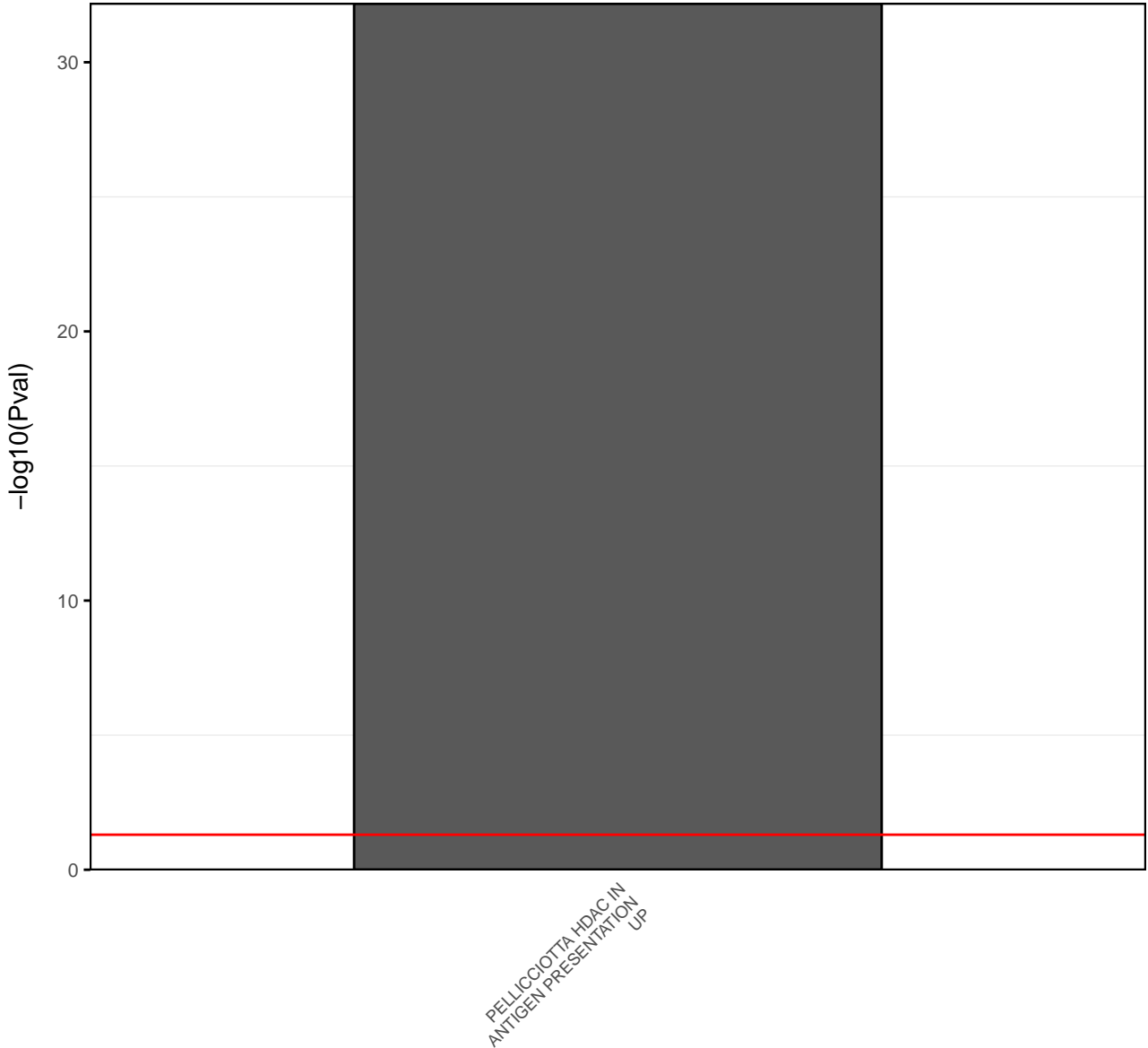
Kcnh1
Fhod3
Cadm2
Sorcs1
Klhl1
Pdzd2
Frmpd4
Kcnh5
Tspan5
Ldlrad4
Sel1l3
Adgrl2
Klhl29
Carmil1
Ablim1
Gucy1b1
Rgs6
Lhfp
Rorb
Pcdh7





Top genes by kME

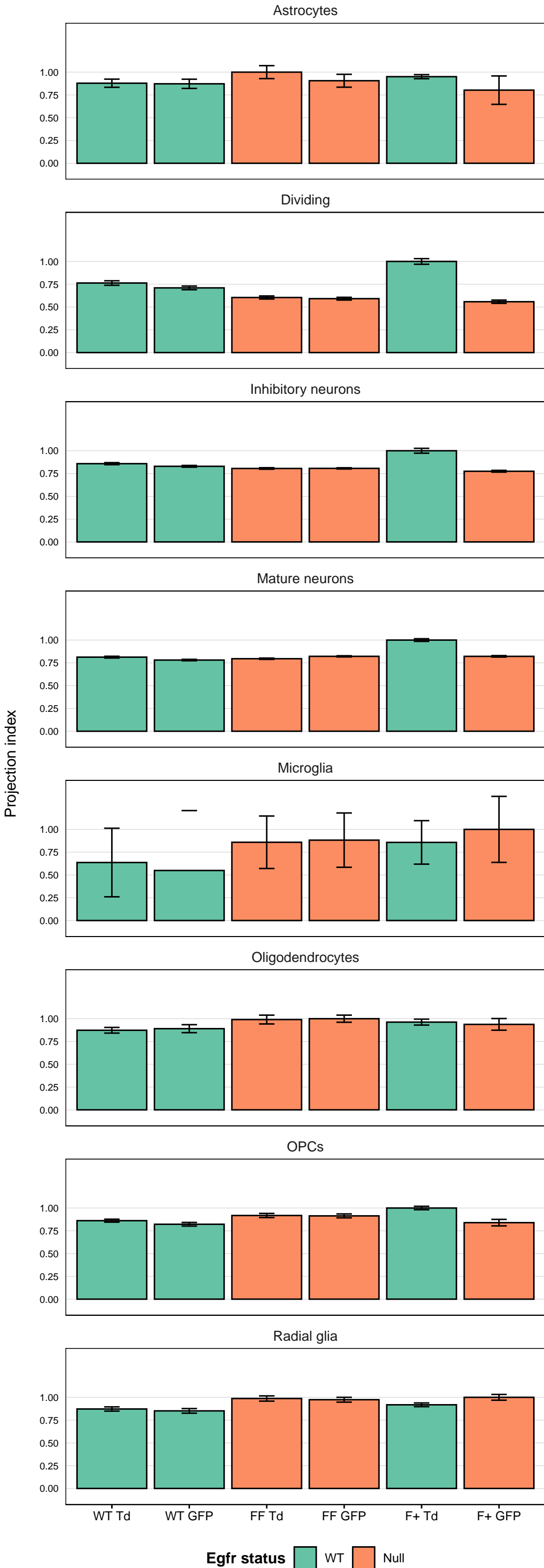
Mctp1
Gm2164
Ccser1
Tle4
Wdpcp
Armh4
Rian
Rrm2
Smyd3
Racgap1
Frmd3
Gm26512
Fut9
Gpm6b
Pbk
Pcdh9
Kcnt2
Sntg1
Dmd
H3f3a



blue module

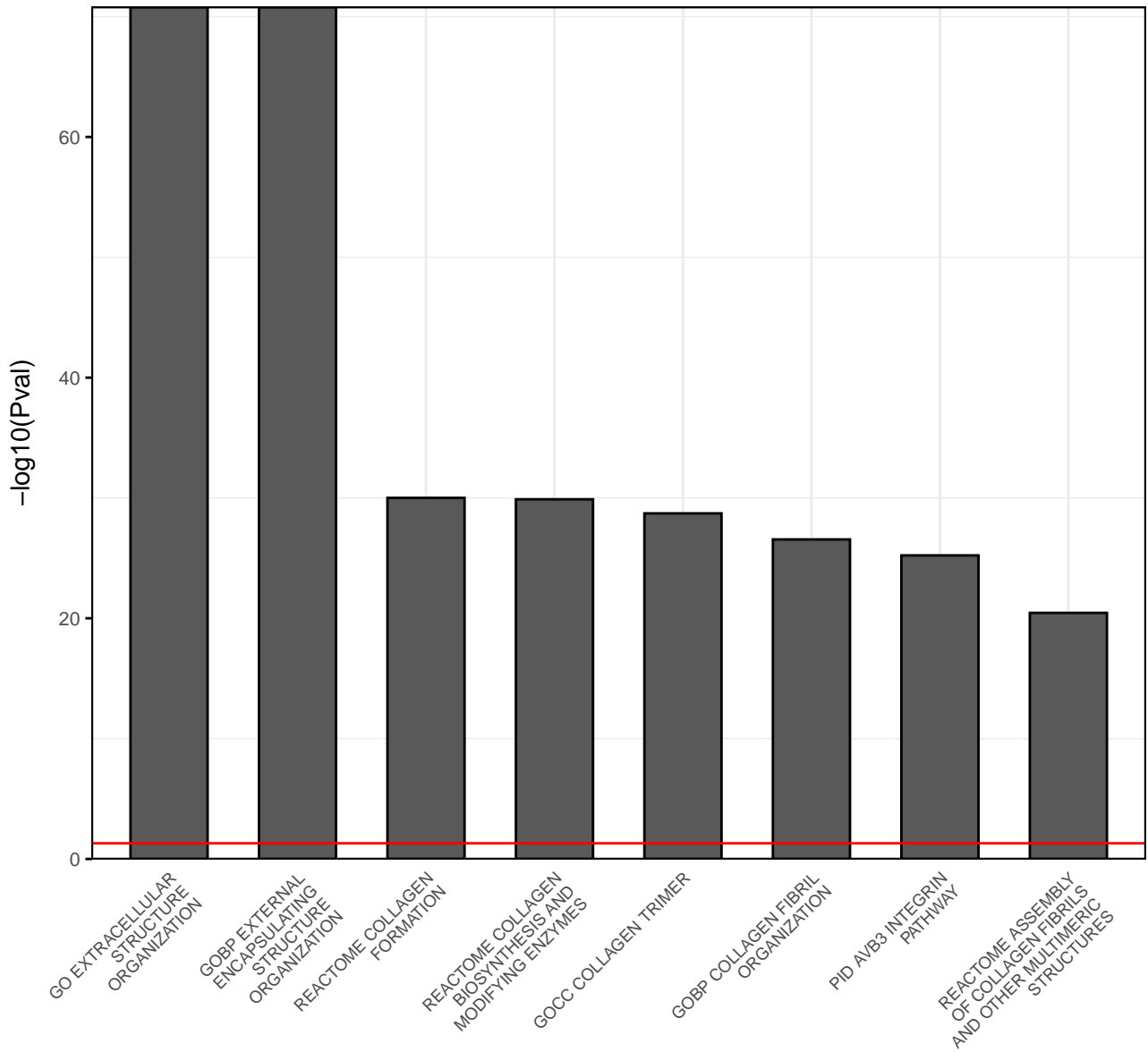
Top 100 by kME

Bicor-None_signum0.607_minSize15_merge_ME_0.85_18566

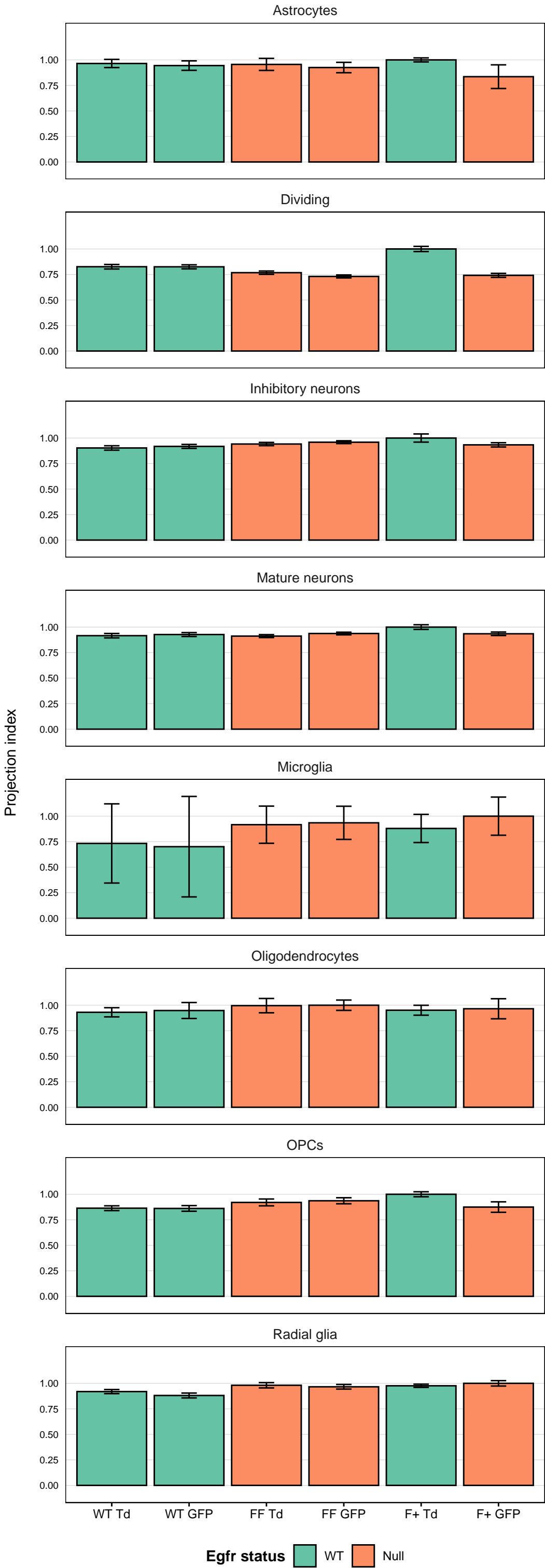


Top genes by kME

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

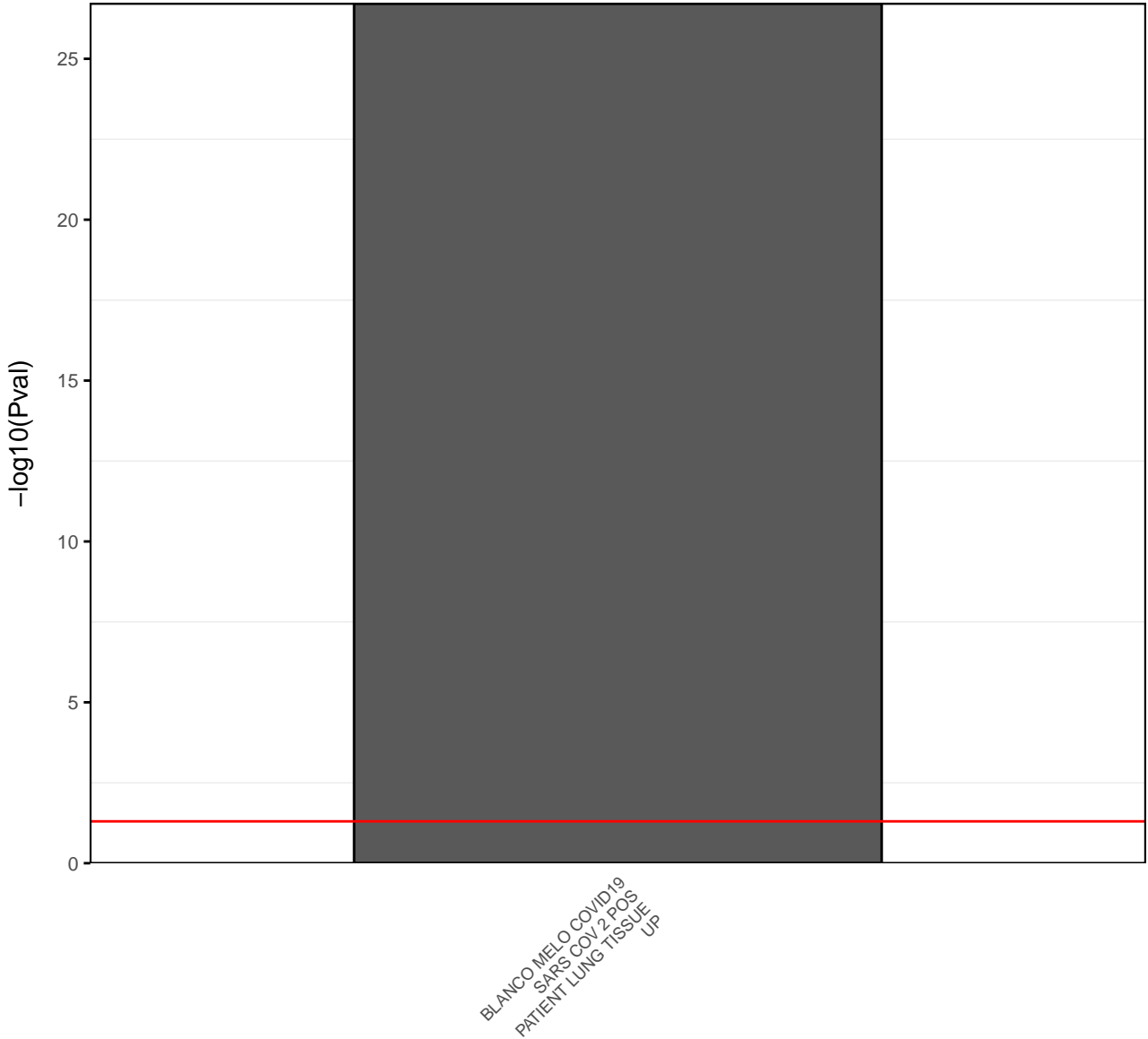


darkred module
Top 100 by kME
Bicor-None_signum0.607_minSize15_merge_ME_0.85_18566



Top genes by kME

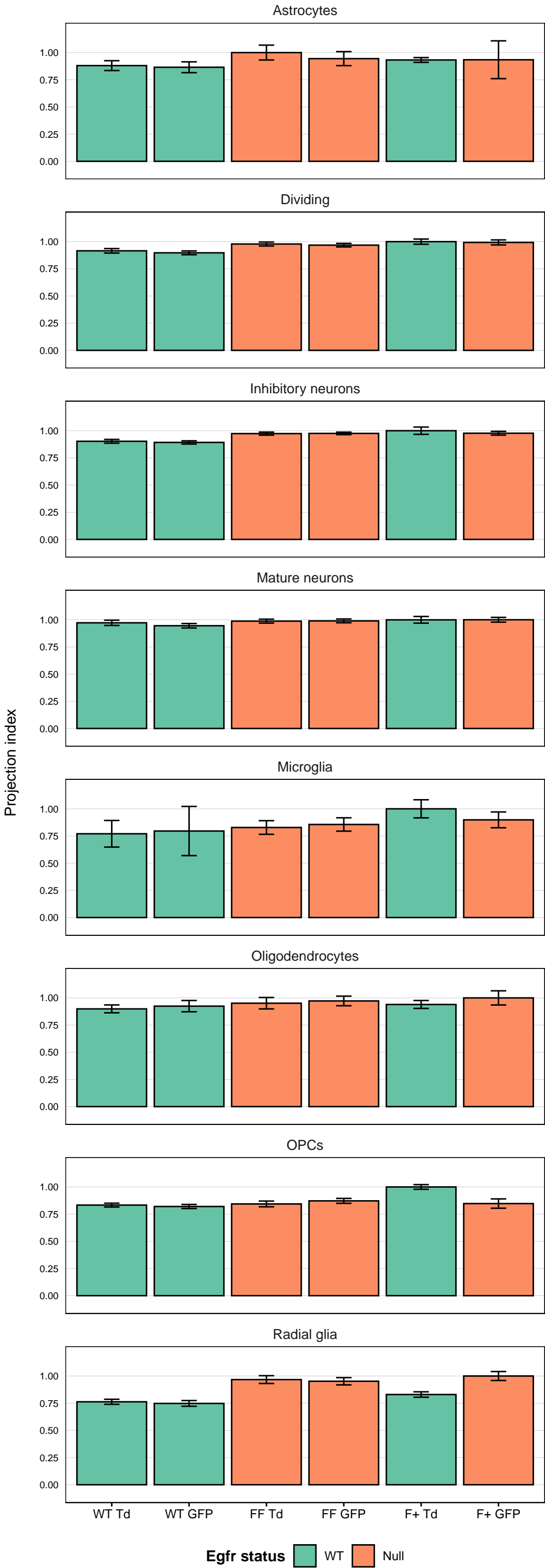
Kcnq1ot1
Gm26871
Tenm1
Ifitm3
Lncpint
Thsd4
Lgals3
Atf3
A330076H08Rik
Etv6
A230057D06Rik
Spi1
Ly86
Ctsc
Srgn
Mir100hg
Hhip
Zfhx4
Xkr4
Lmo4



pink module

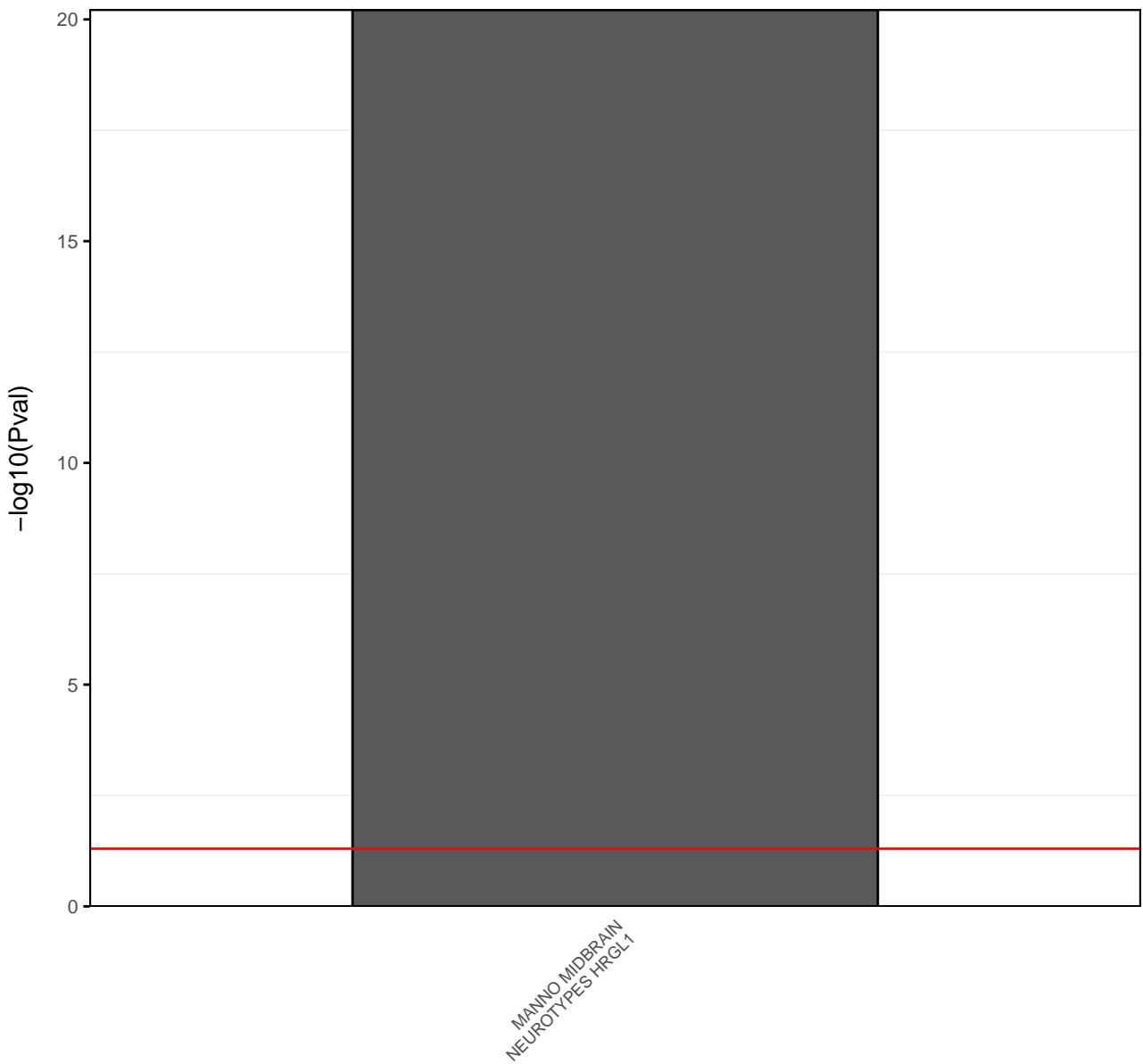
Top 100 by kME

Bicor-None_signum0.607_minSize15_merge_ME_0.85_18566

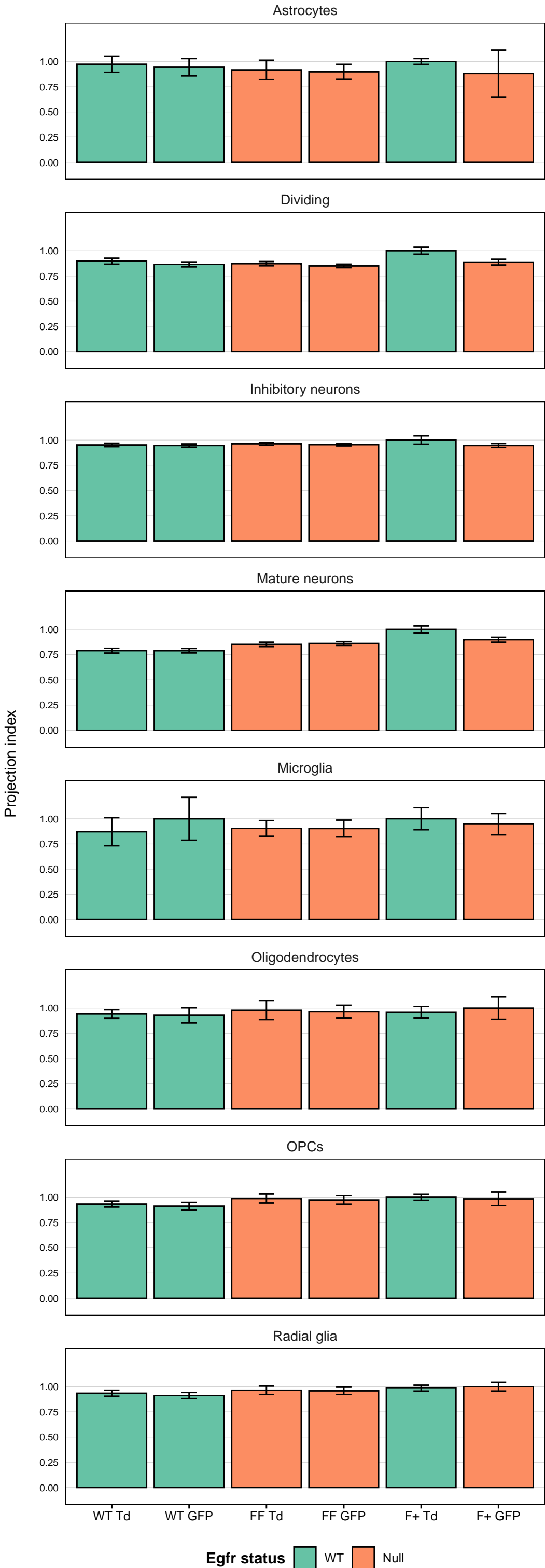


Top genes by kME

Nrp1
Fgfr1
Rerg
Islr2
Dcc
Hopx
Ecrf4
Zfp608
Sh3rf1
Dnah9
Nr4a3
Lhx9
Emx2os
Nhs11
Cfap54
Cachd1
Frmd4b
Tspan18
Cnn3
Nr3c2

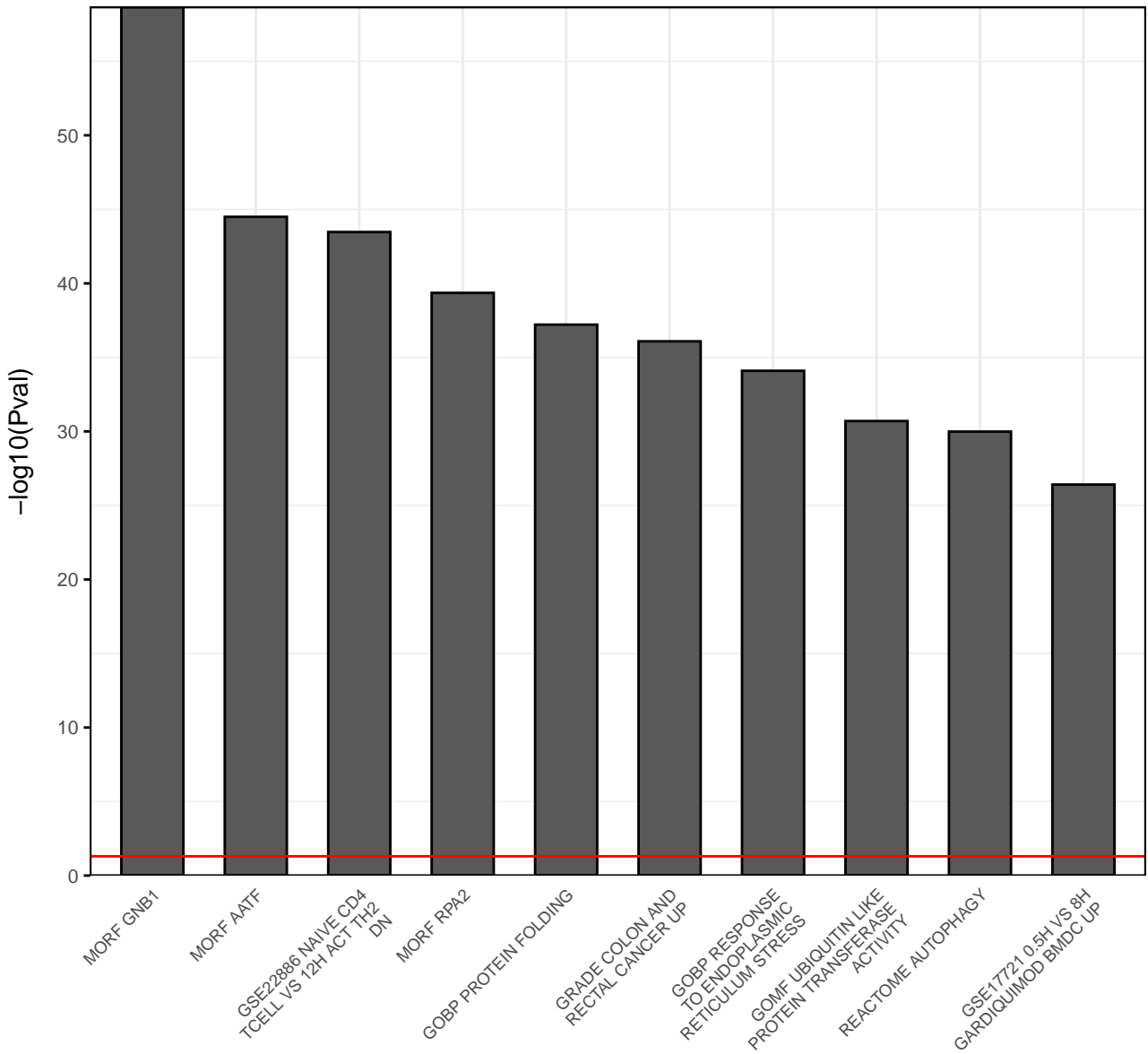


turquoise module
Top 100 by kME
Bicor-None_signum0.607_minSize15_merge_ME_0.85_18566

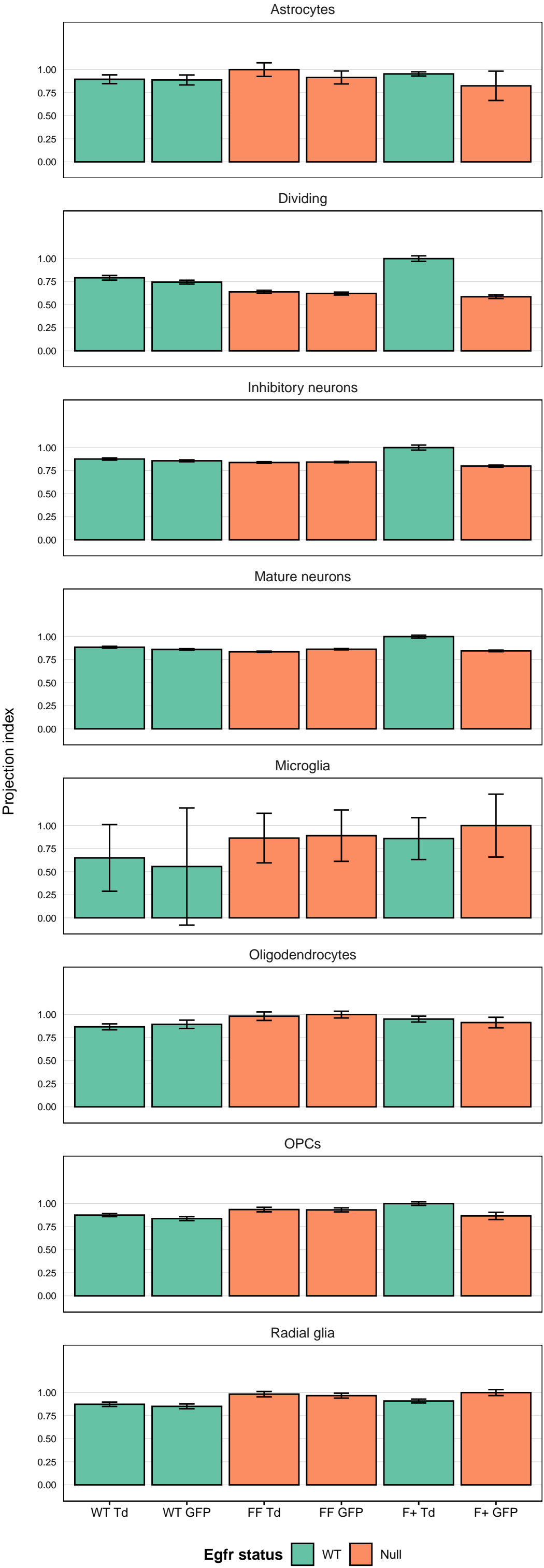


Top genes by kME

Gm47423
Gm29521
Fezf2
Sema6a
Plk1
Arc
2900079G21Rik
Arhgap11a
Nfia
1700016P03Rik
Fosb
Dlga1
Egr3
Auts2
Grp
Incenp
Egr1
Nfix
Junb
Tmsb10

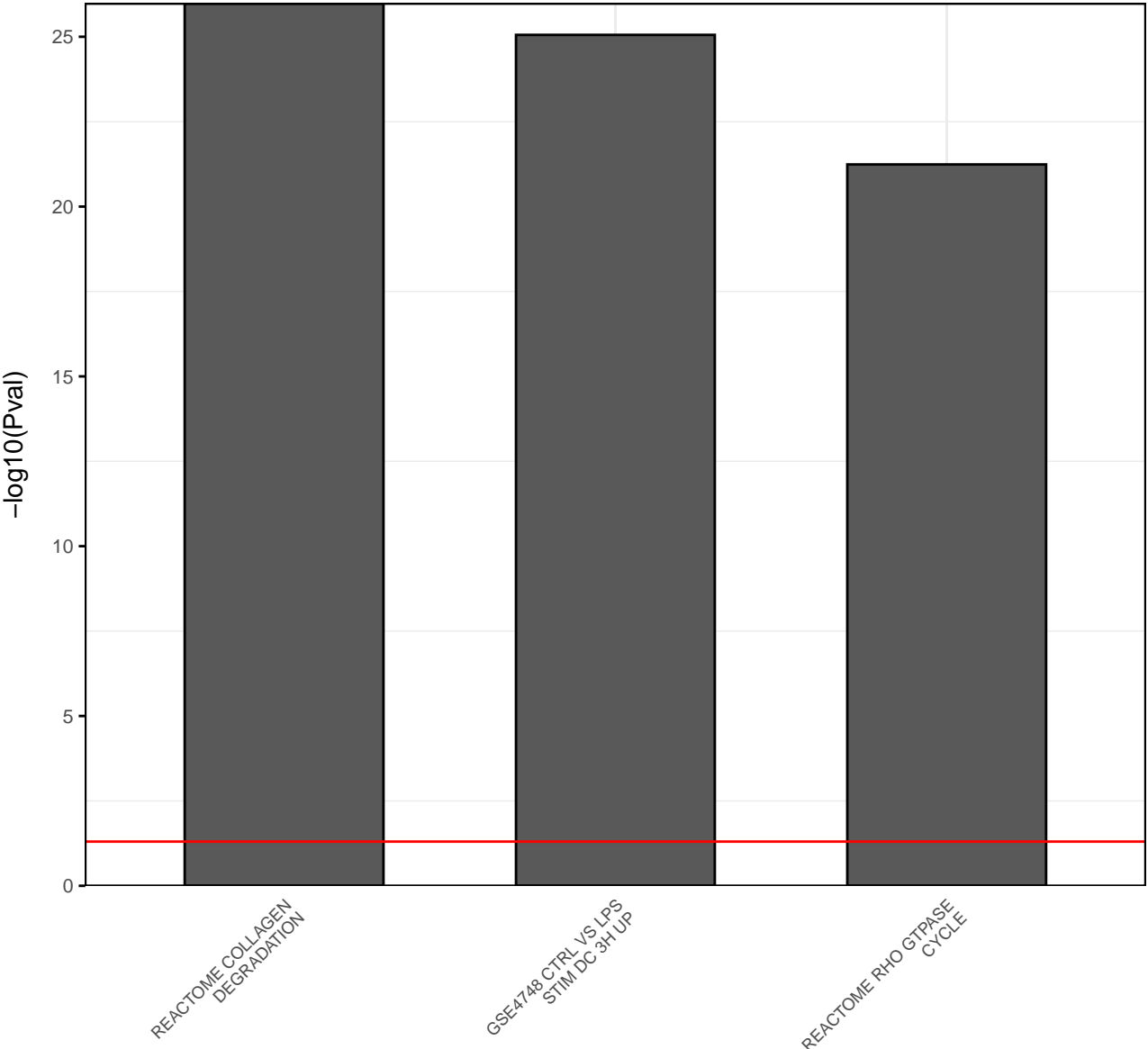


blue module
Top 100 by kME
Bicor=None_signum0.69_minSize10_merge_ME_0.85_18566

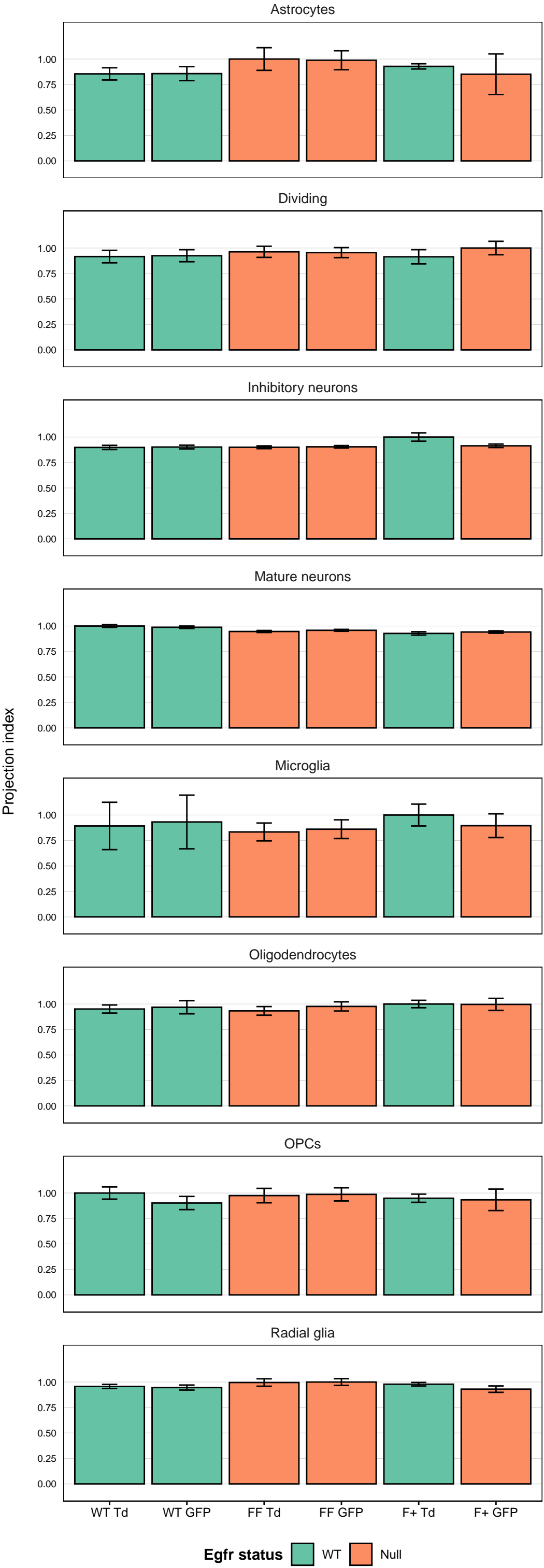


Top genes by kME

Spock1
Dst
Thrb
Sh3gl2
Plcb4
Ptpkr
Plcb1
Kcnh7
Tbr1
Necab1
Klhl29
Myt1l
Lhfp
Arhgap20
Chrm2
Cnksr2
Shank2
Ldlrad4
Hivep3
Rgs6

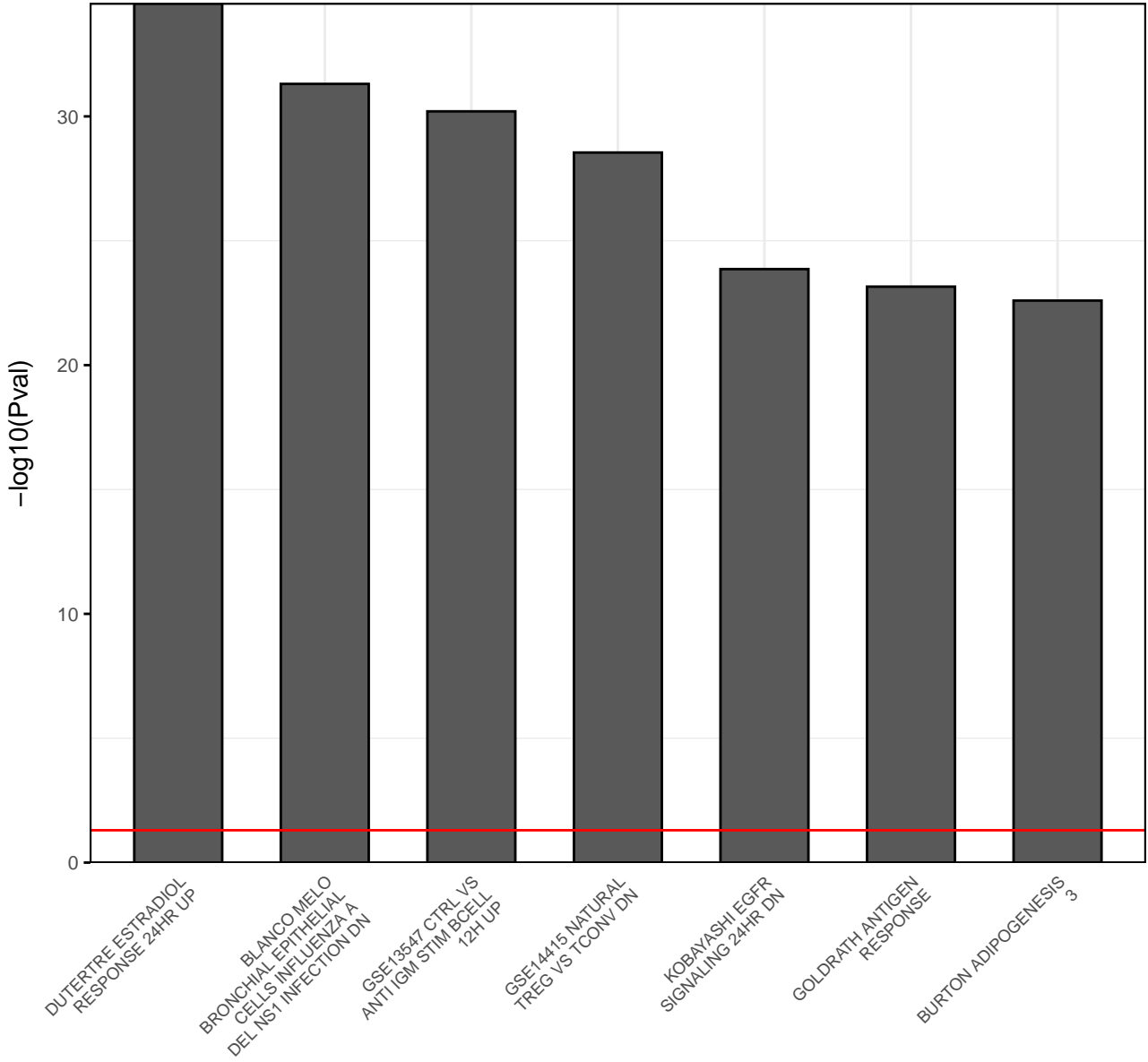


darkorange module
Top 100 by kME
Bicor=None_signum0.69_minSize10_merge_ME_0.85_18566

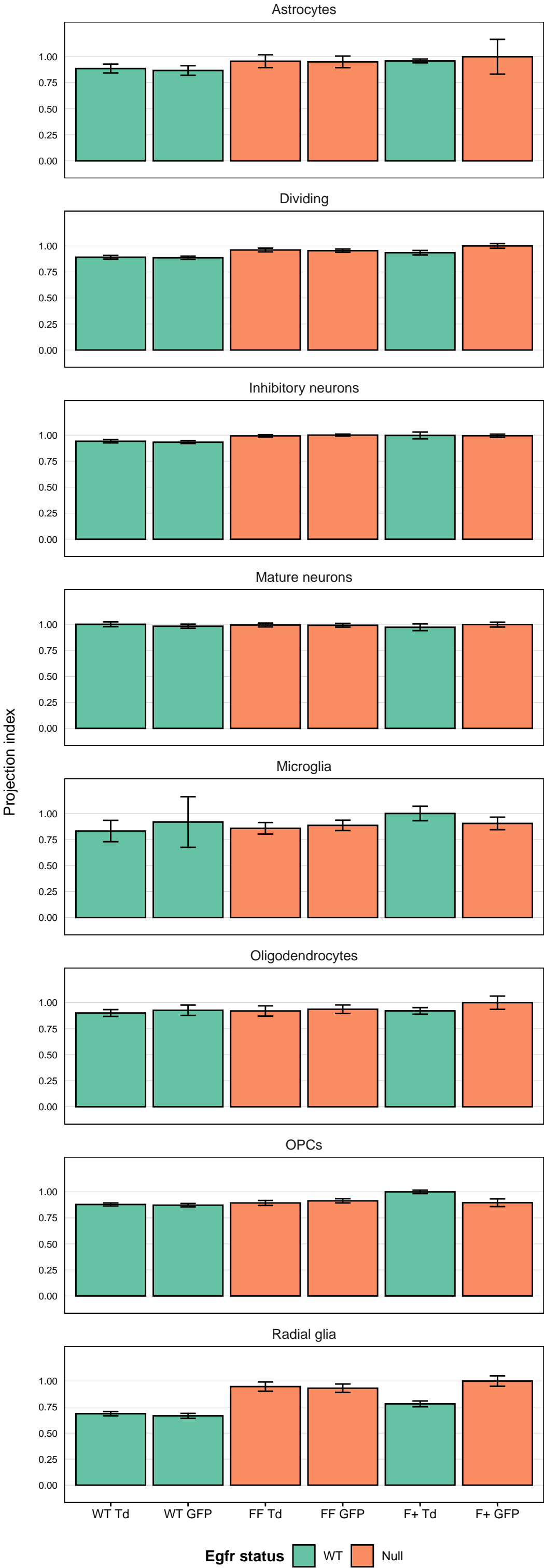


Top genes by kME

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

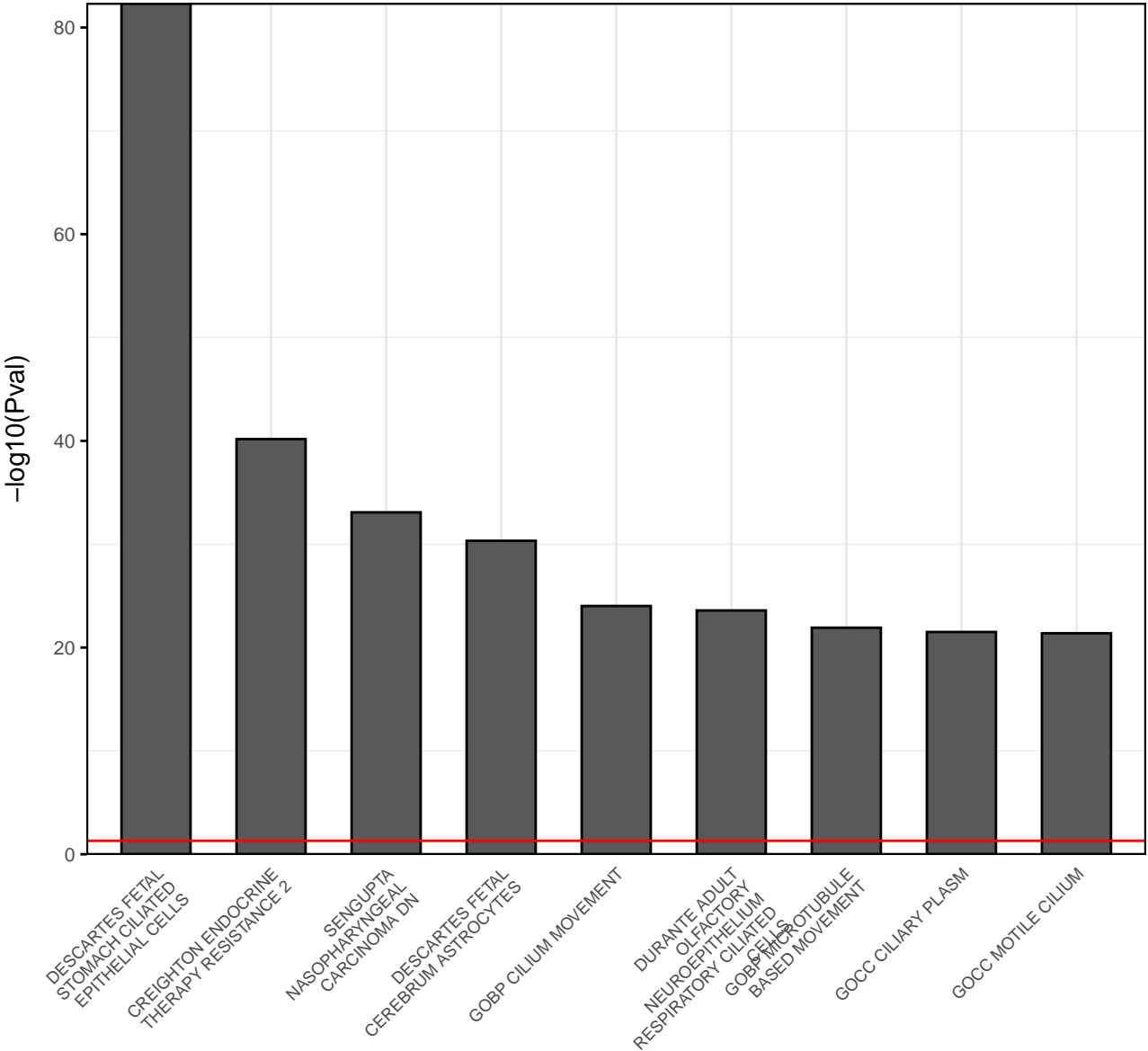


greenyellow module
Top 100 by kME
Bicor-None_signum0.69_minSize10_merge_ME_0.85_18566

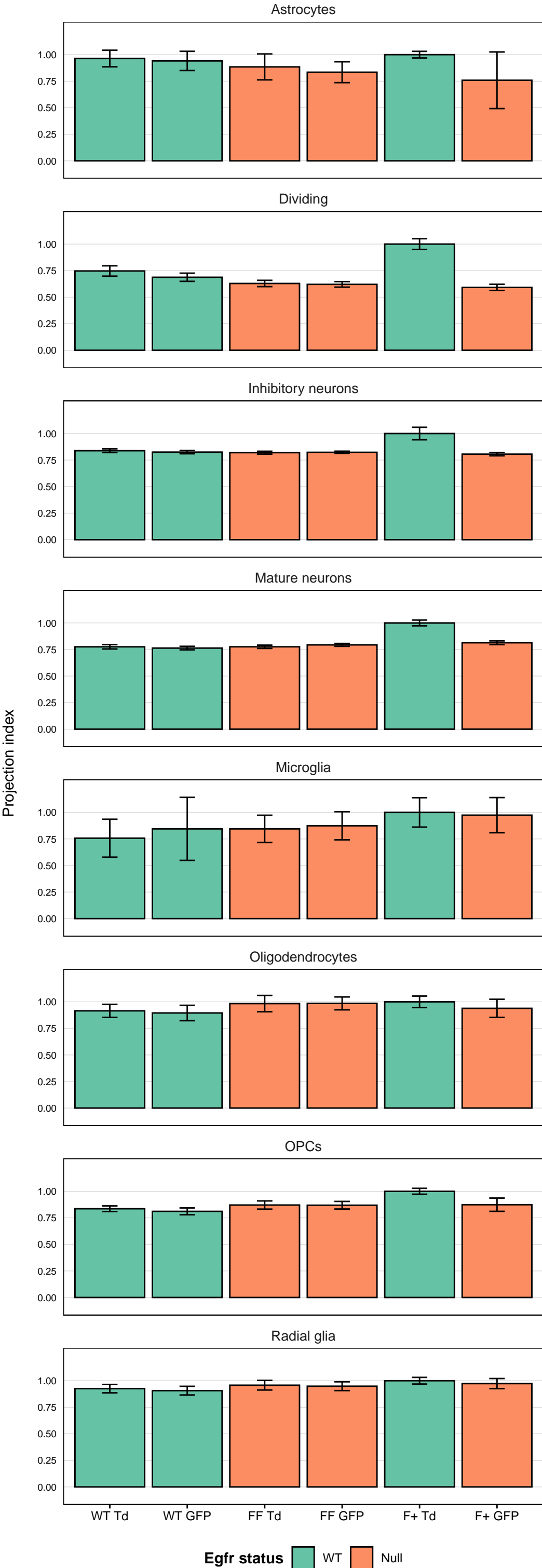


Top genes by kME

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

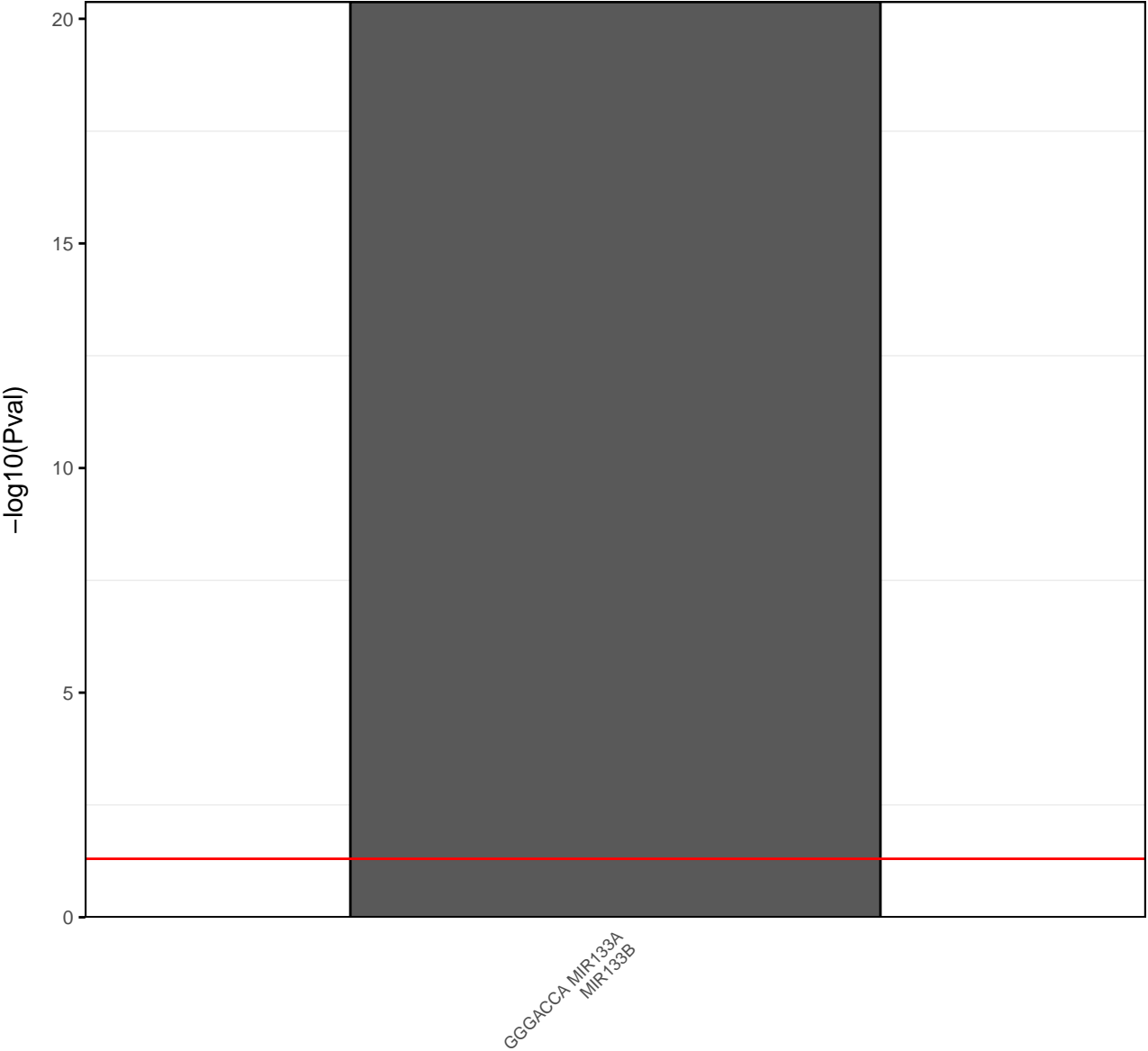


magenta module
Top 100 by kME
Bicor-None_signum0.69_minSize10_merge_ME_0.85_18566

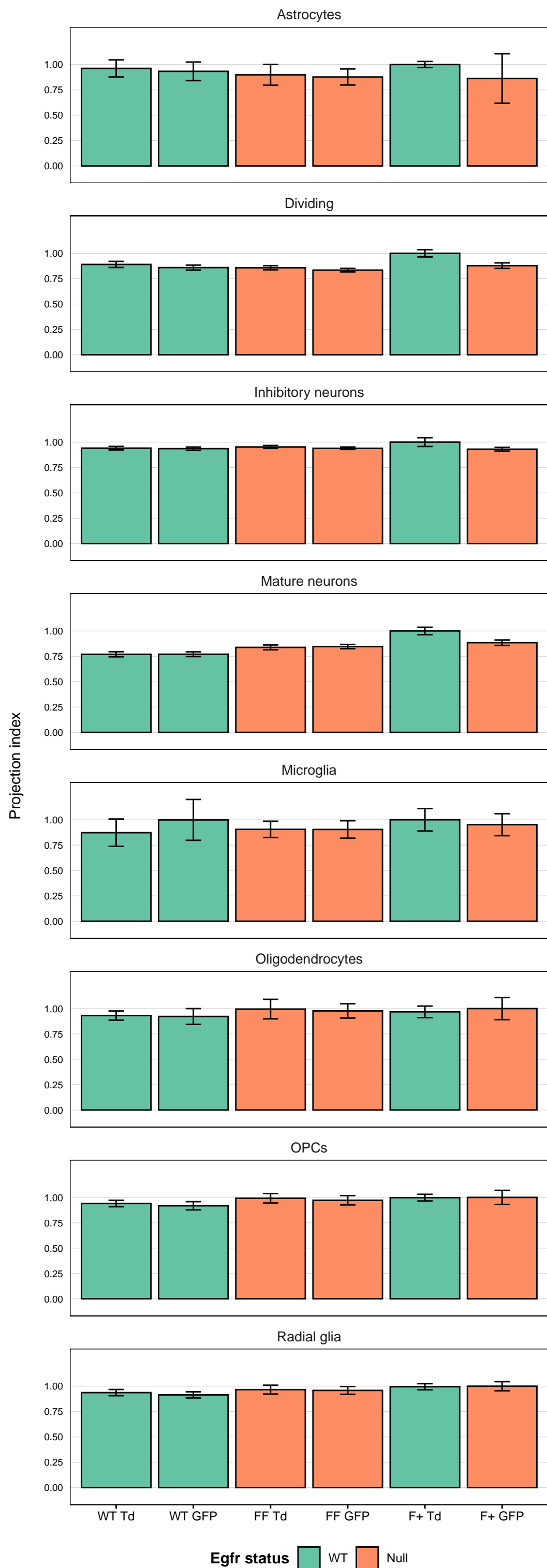


Top genes by kME

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

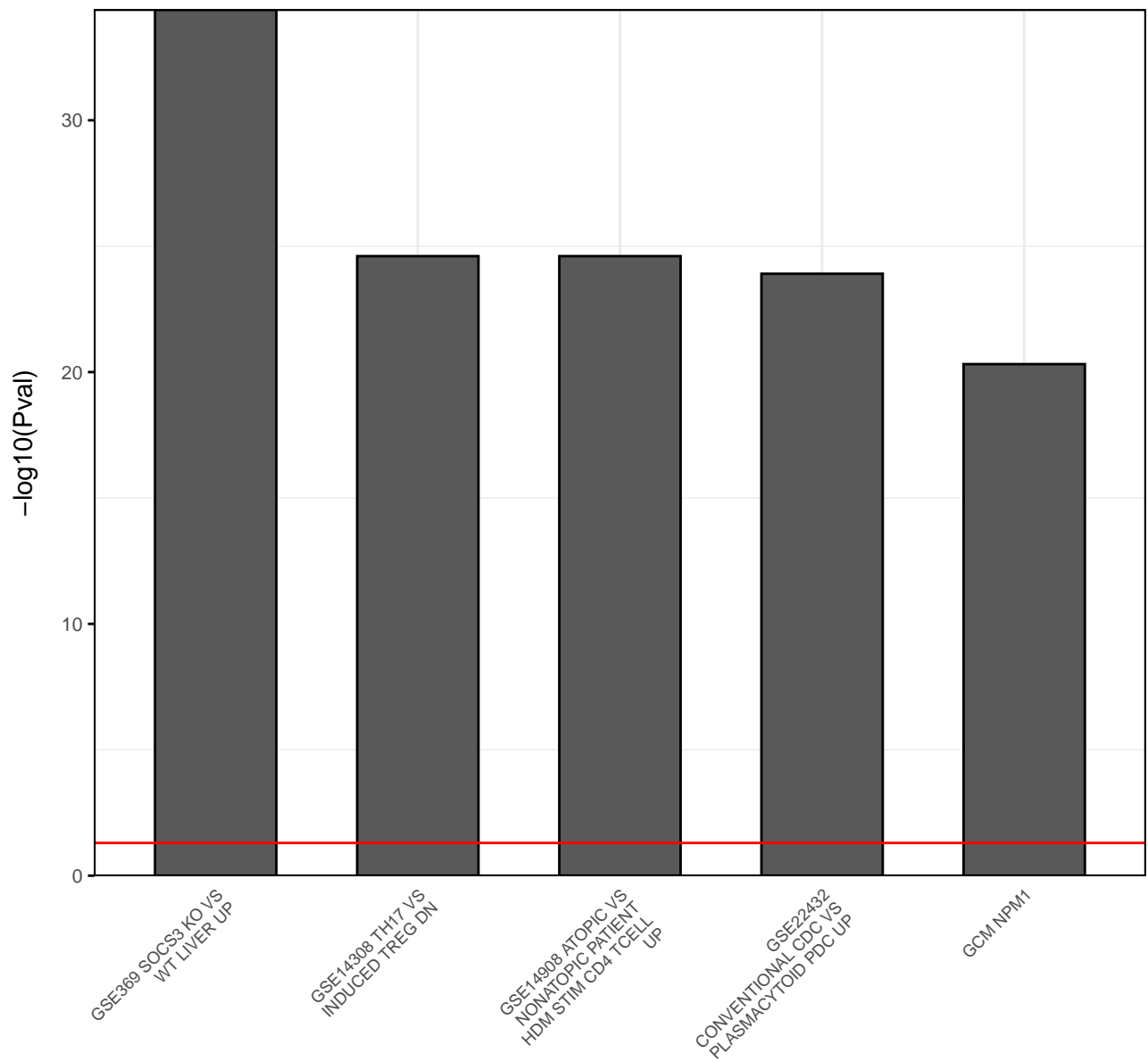


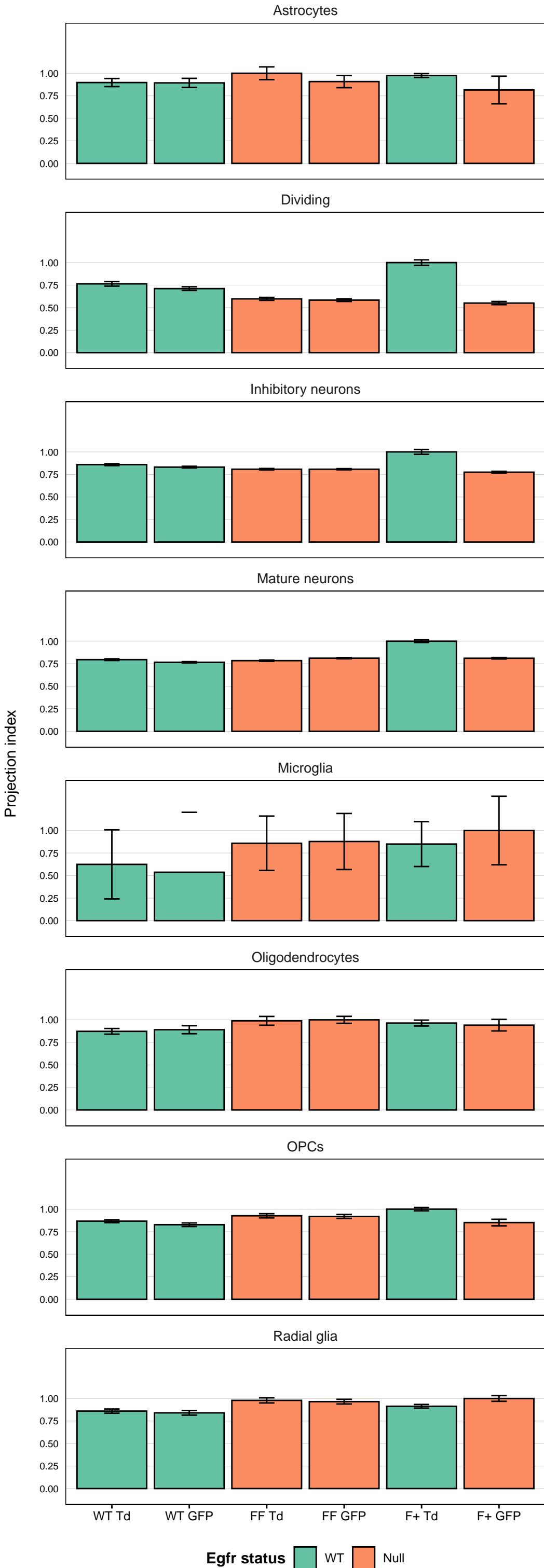
turquoise module
Top 100 by kME
Bicor-None_signum0.69_minSize10_merge_ME_0.85_18566



Top genes by kME

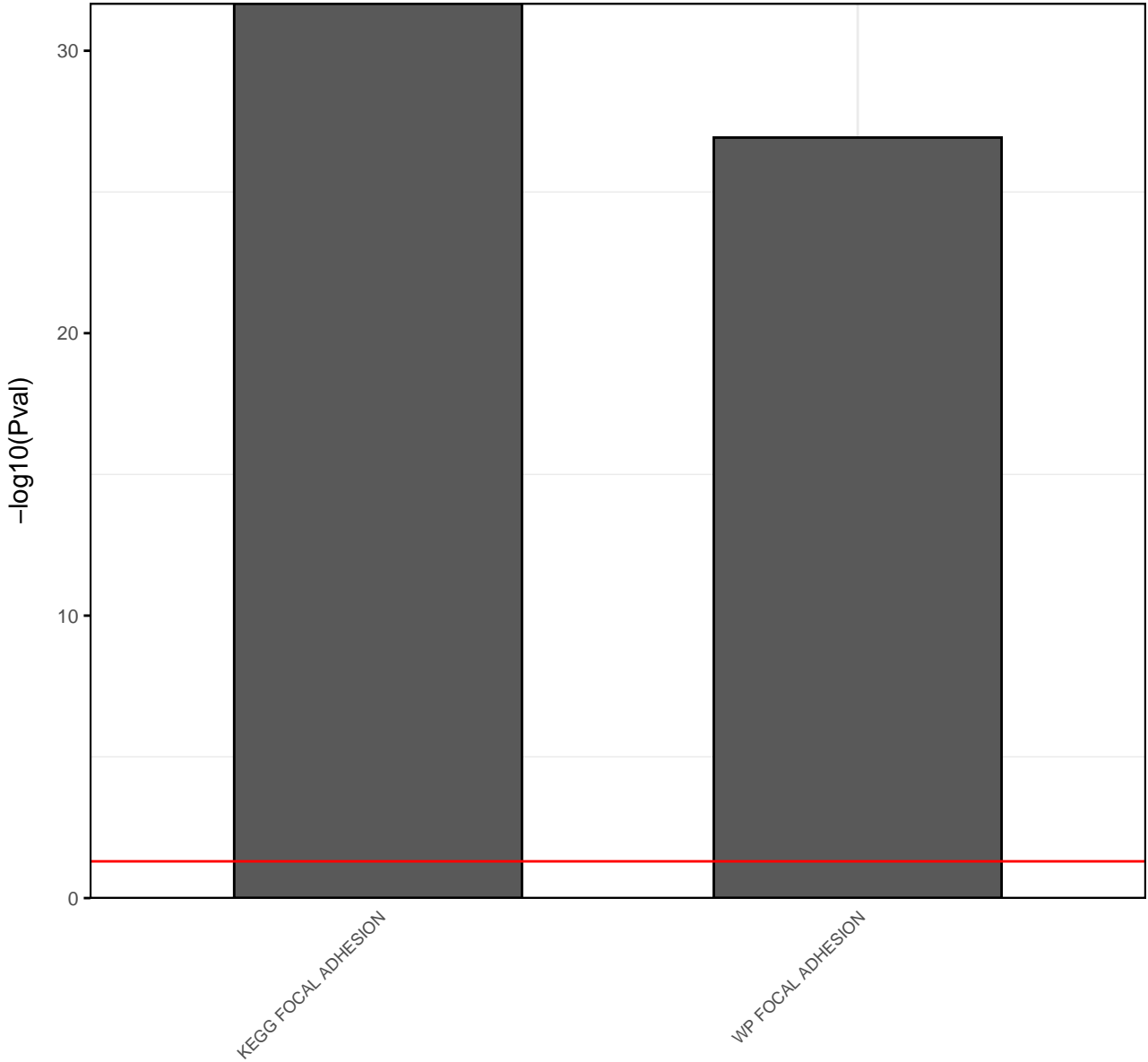
Cadm2
Kcnh1
Fhod3
Sorcs1
Pdzd2
Tspan5
Ldlrad4
Klh1
Frmpd4
Kcnh5
Rgs6
Lhfp
Ptpk
Rorb
Tmtc1
Adgrl2
Ablim1
Klh29
Carmil1
Gucy1b1



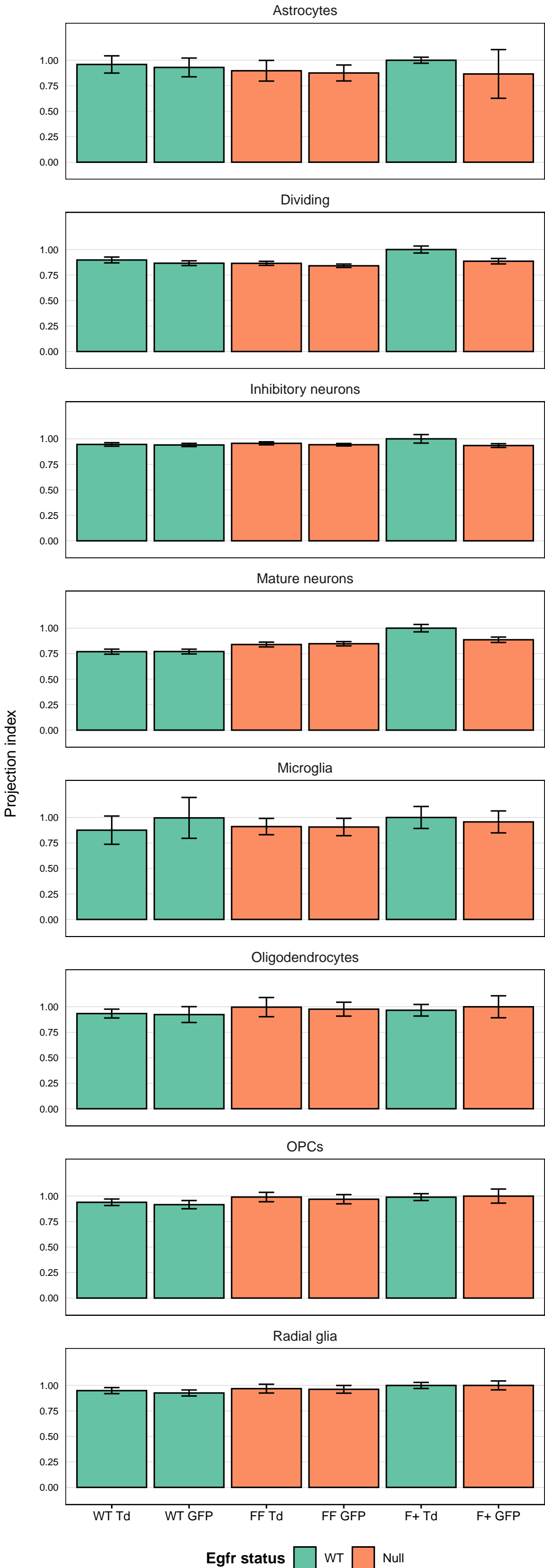


Top genes by kME

Slc7a11
Cxcl12
Notch2
Islr
Bmp6
Eya2
Svil
Prrx1
Adam12
Ptpn13
Rbp1
Ror1
Bicc1
Fstl1
Zic4
Igf2
Lama2
Mrc1
Col12a1
Ano6

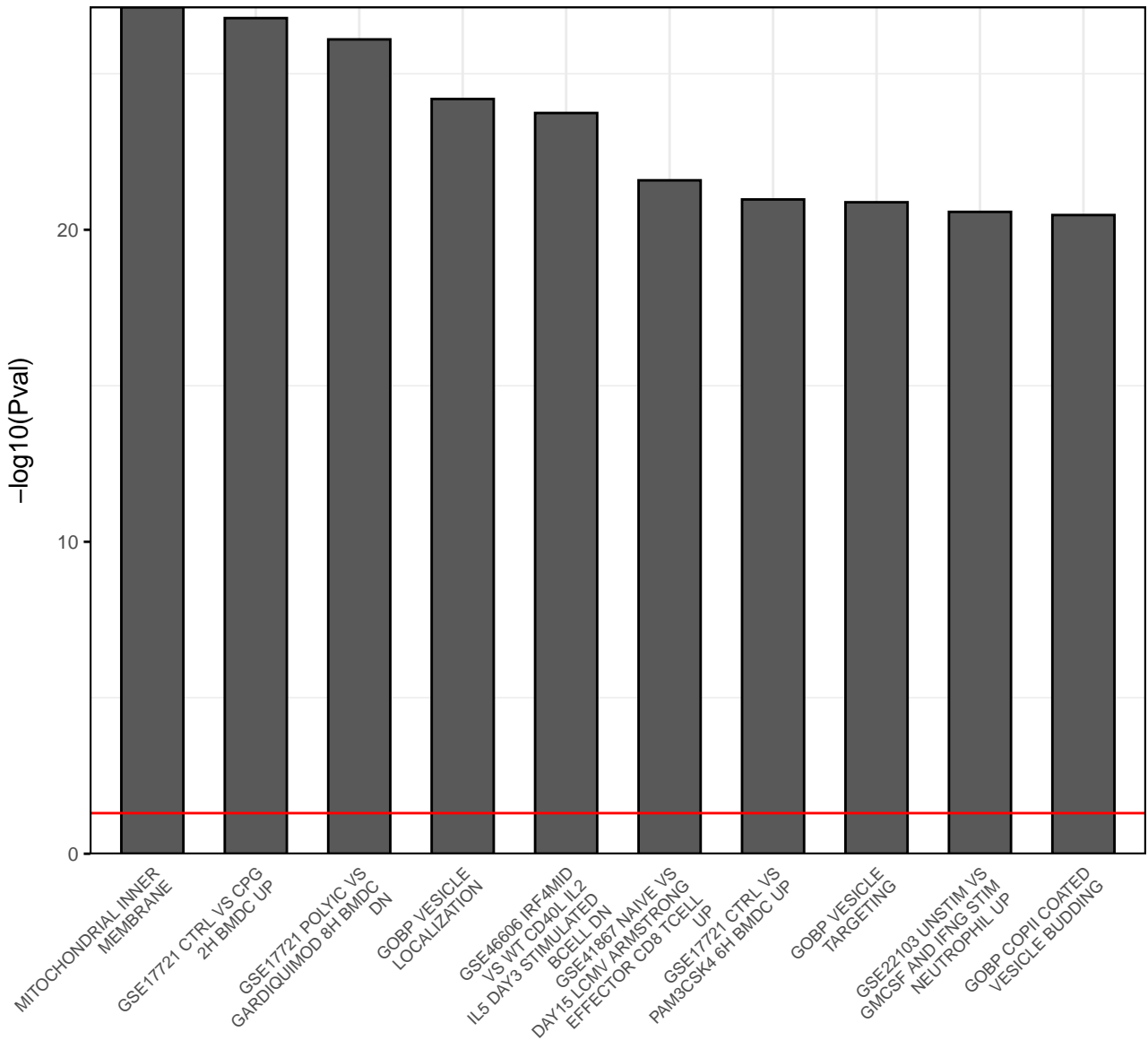


turquoise module
Top 100 by kME
Bicor-None_signum0.607_minSize12_merge_ME_0.85_18566

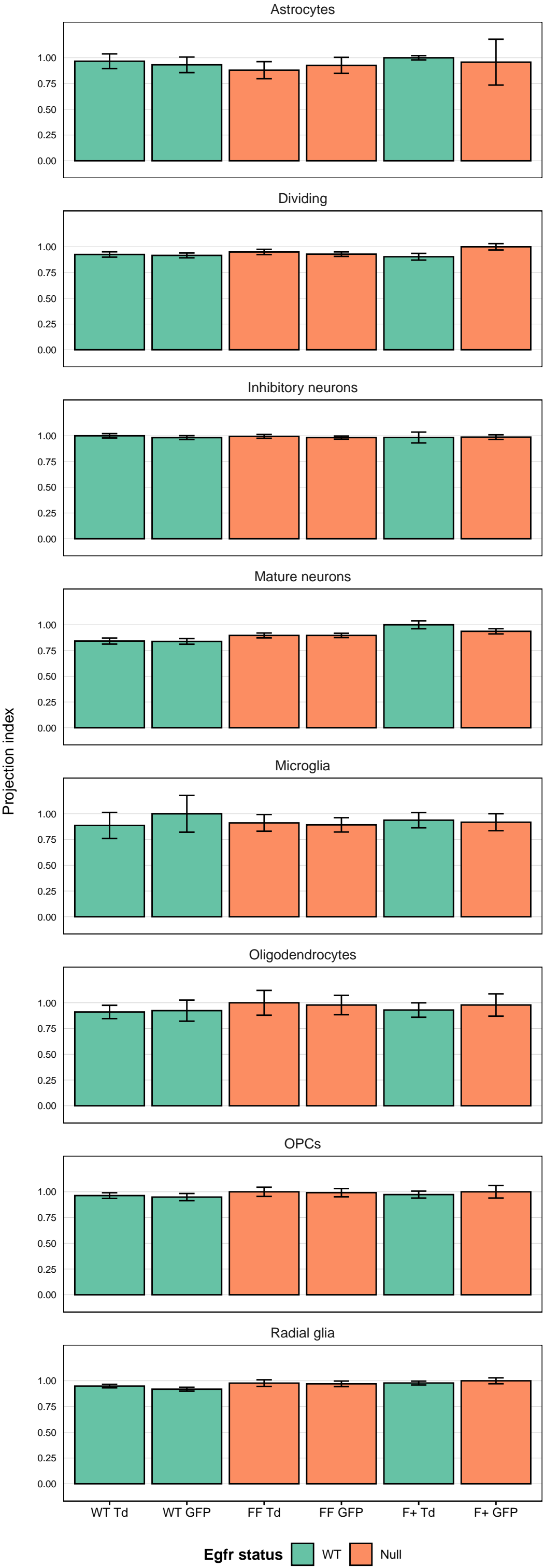


Top genes by kME

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

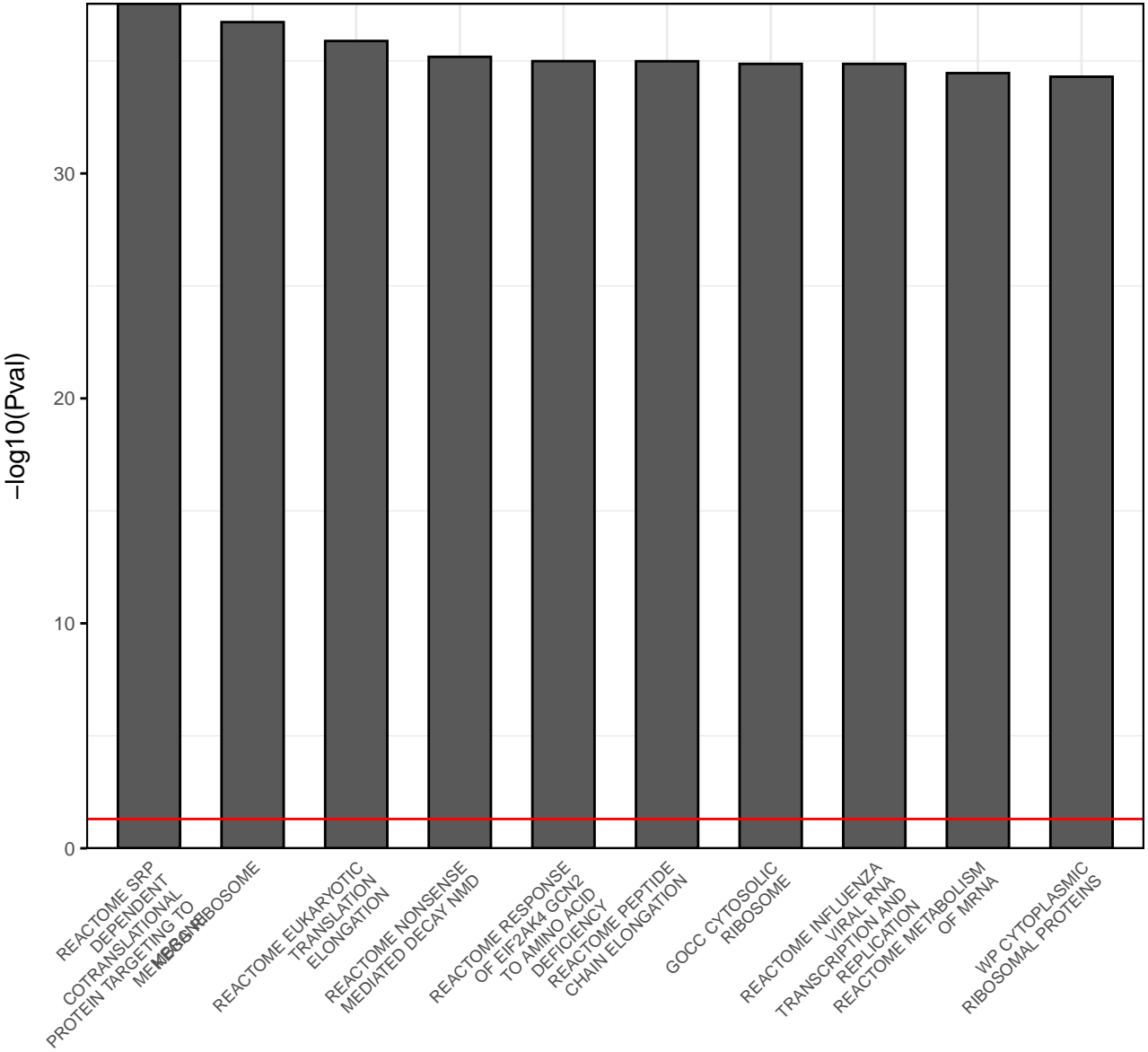


brown4 module
Top 100 by kME
Bicor-None_signum0.757_minSize8_merge_ME_0.85_18566

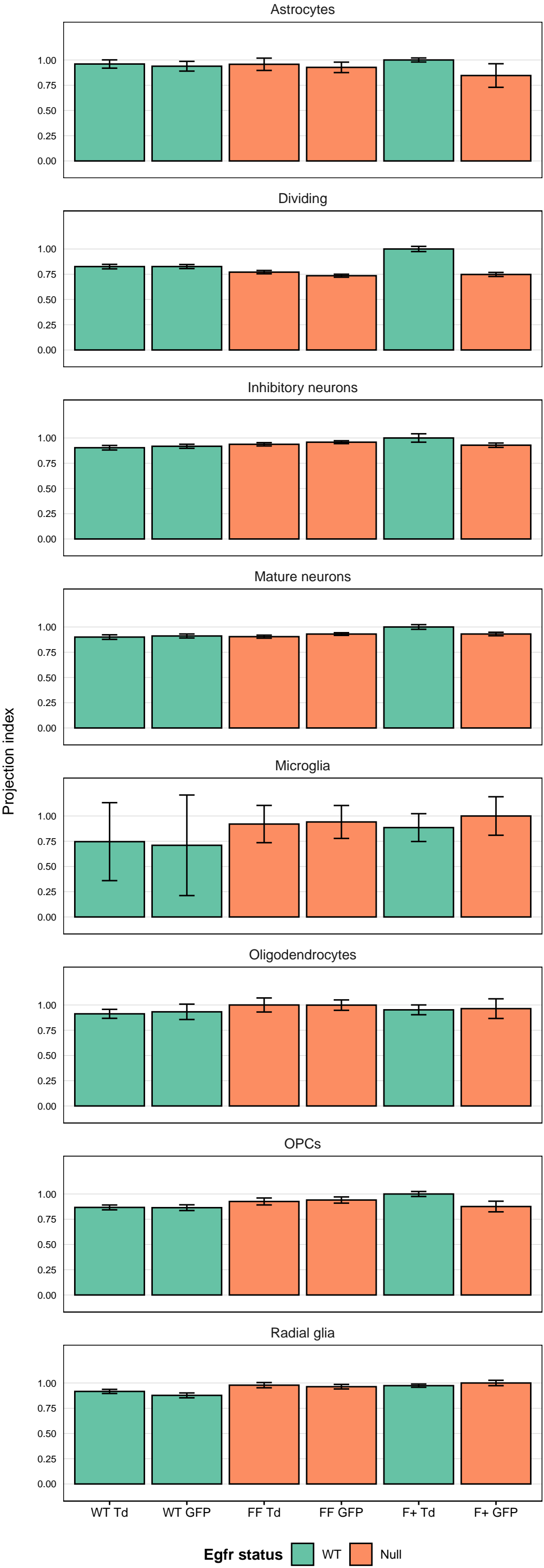


Top genes by kME

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

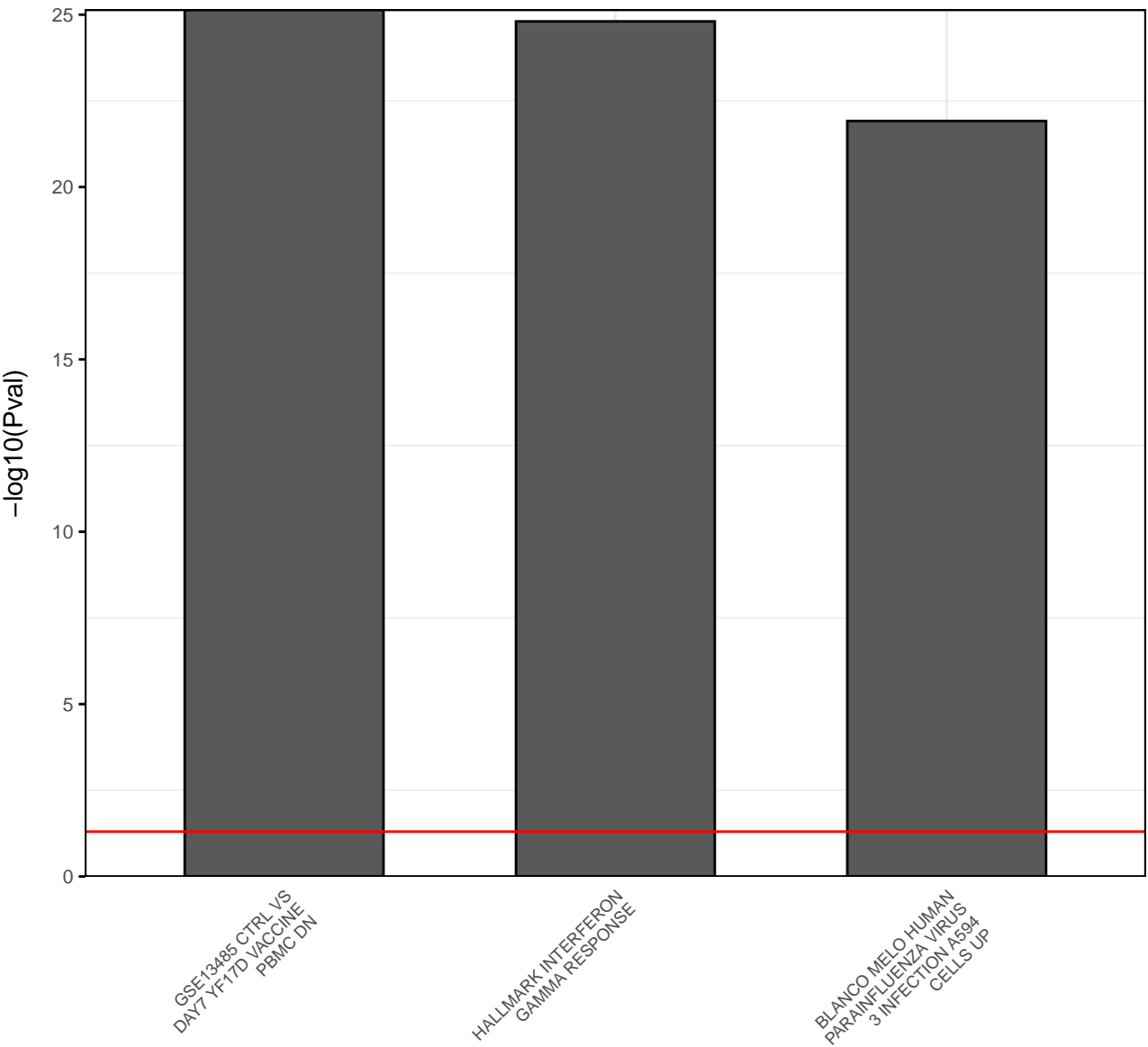


lightcyan module
Top 100 by kME
Bicor–None_signum0.757_minSize8_merge_ME_0.85_18566

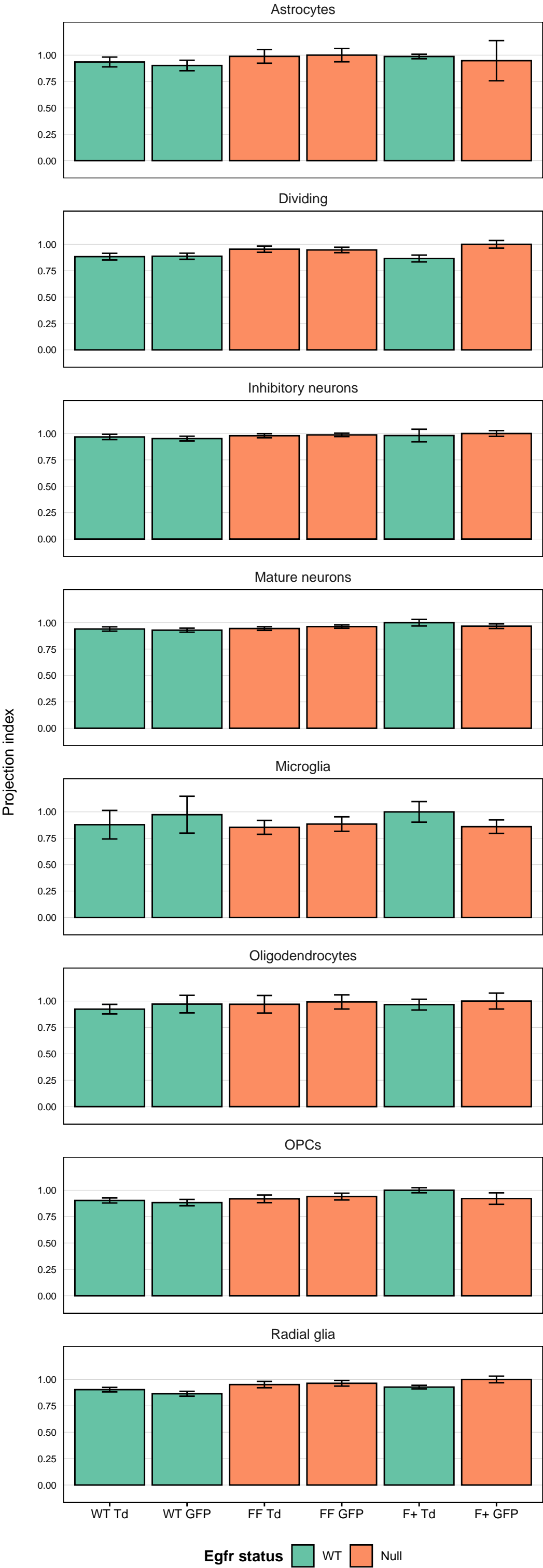


Top genes by kME

Kcnq1ot1
Ifitm3
Tenm1
Gm26871
Thsd4
Atf3
Lncpint
Etv6
Lgals3
Ly86
Hhip
A230057D06Rik
Spi1
Ctsc
Zfhx4
Arpc1b
B2m
A330076H08Rik
H2-K1
Xkr4

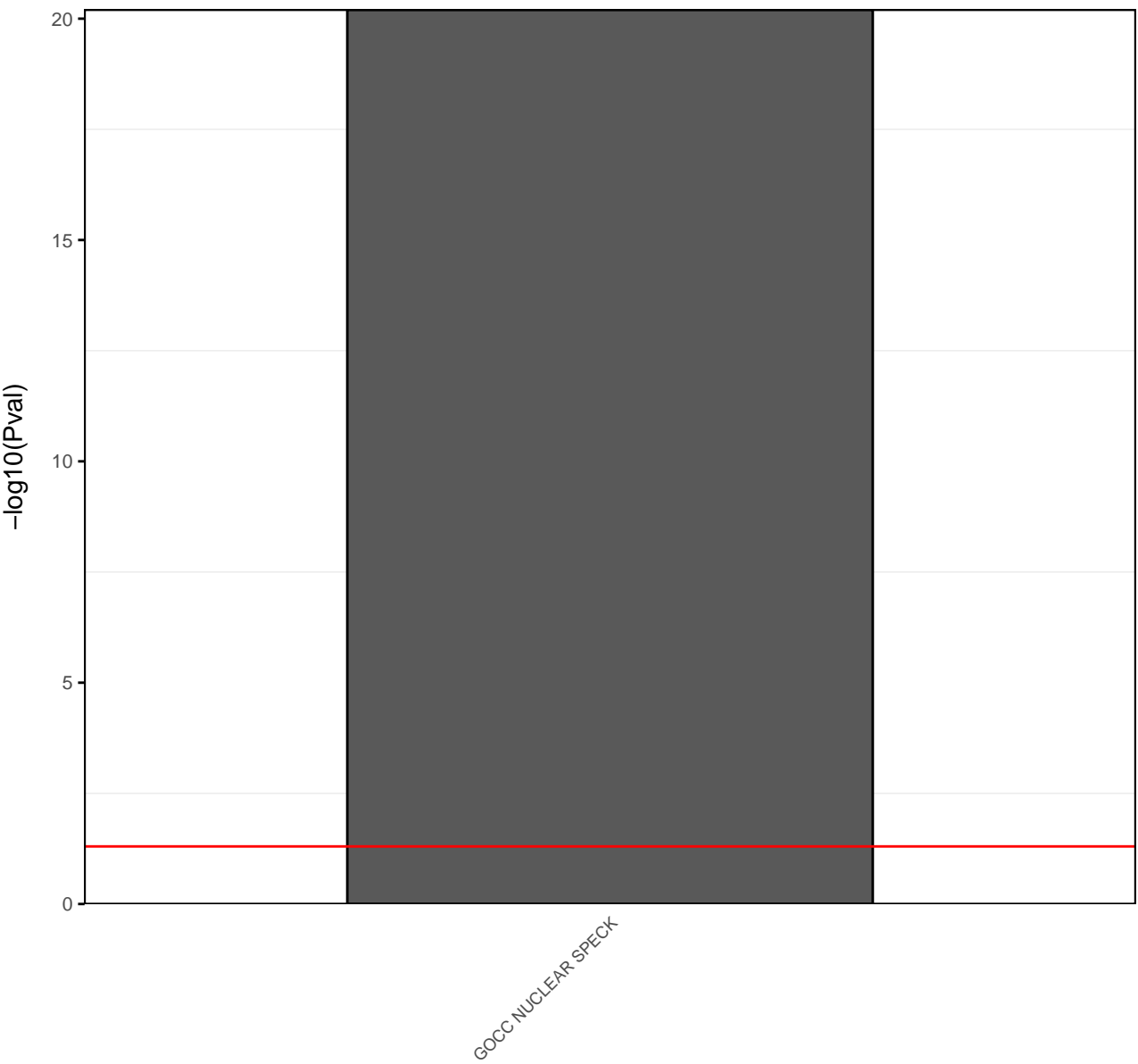


midnightblue module
Top 100 by kME
Bicor-None_signum0.757_minSize8_merge_ME_0.85_18566

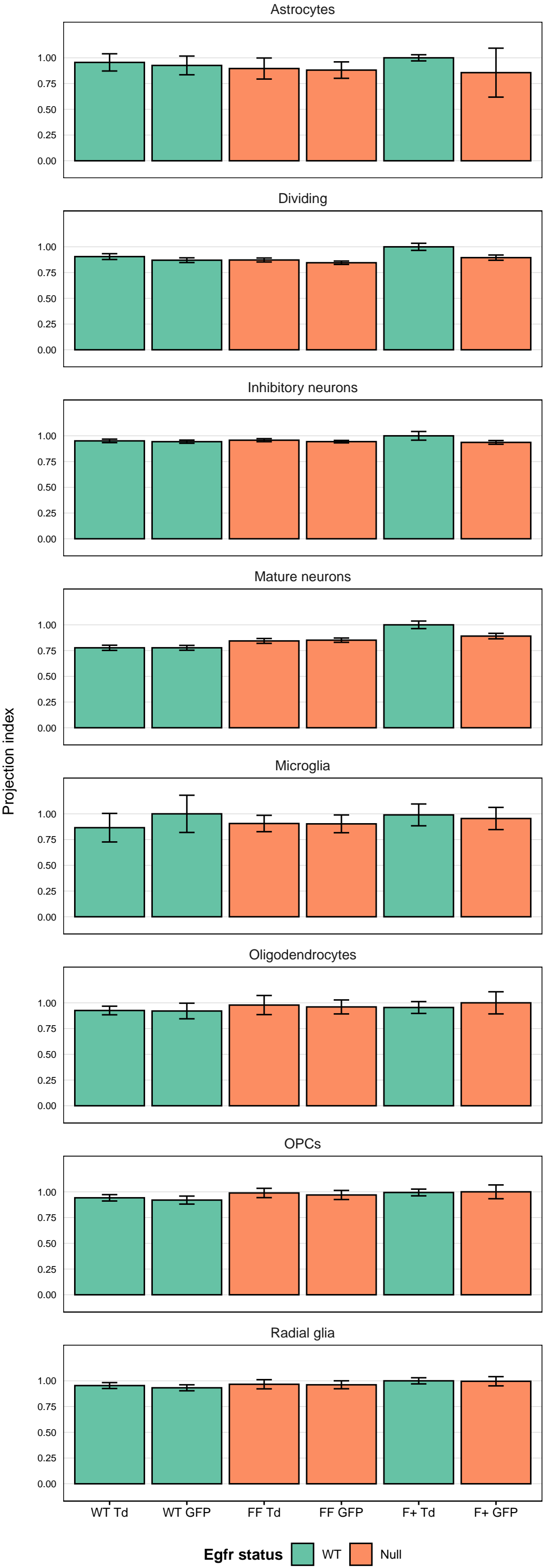


Top genes by kME

Sh3kbp1
Mid1
Ccadc34
Ranbp1
Nedd4l
Ppp1r15a
Enox1
Anp32b
Neurod2
Ppargc1a
Ina
Scg2
Ell2
Mlf1
Hmgn5
Basp1
Stxbp6
Enkur
Dlgap2
Shtn1

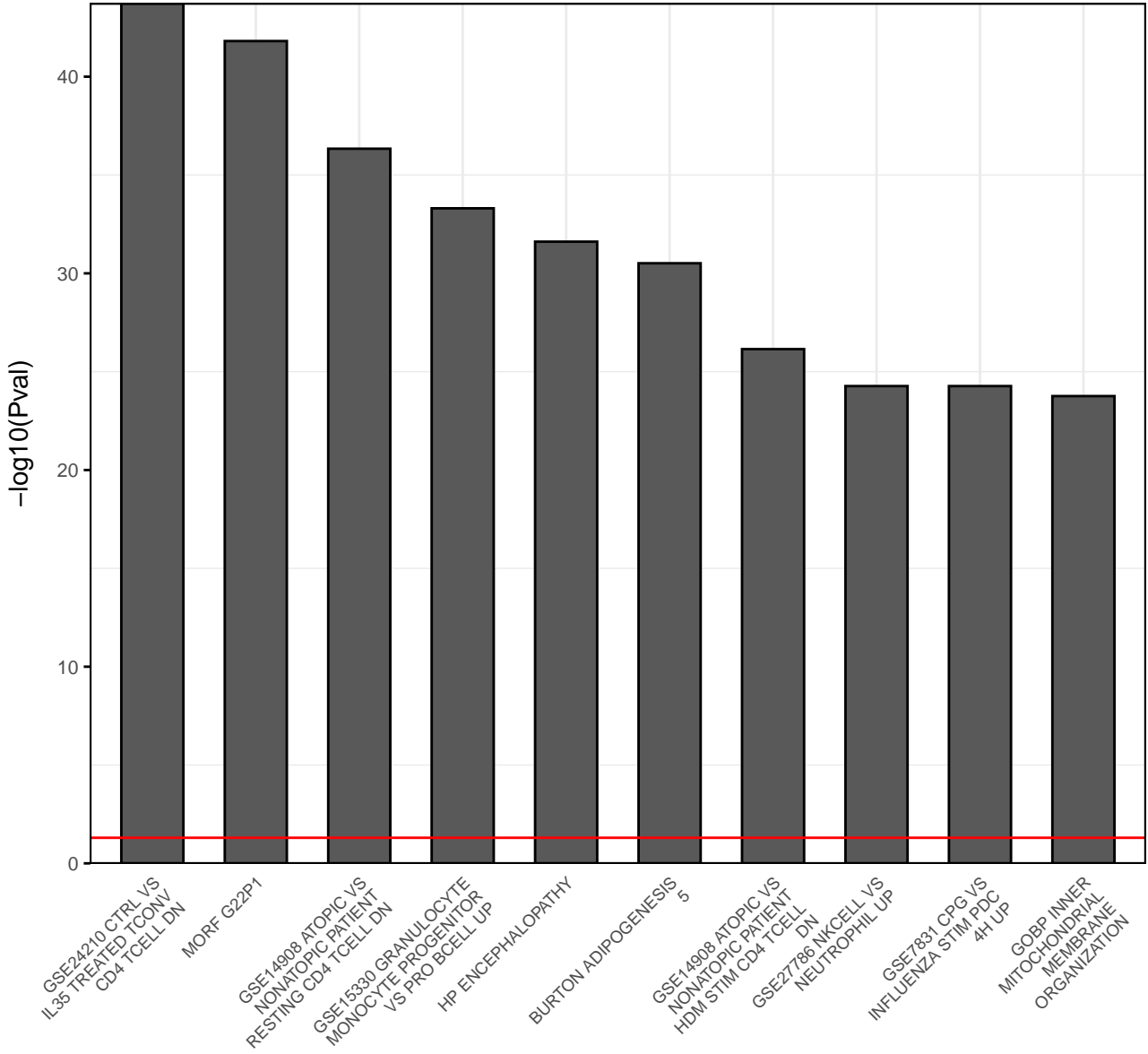


turquoise module
Top 100 by kME
Bicor-None_signum0.757_minSize8_merge_ME_0.85_18566

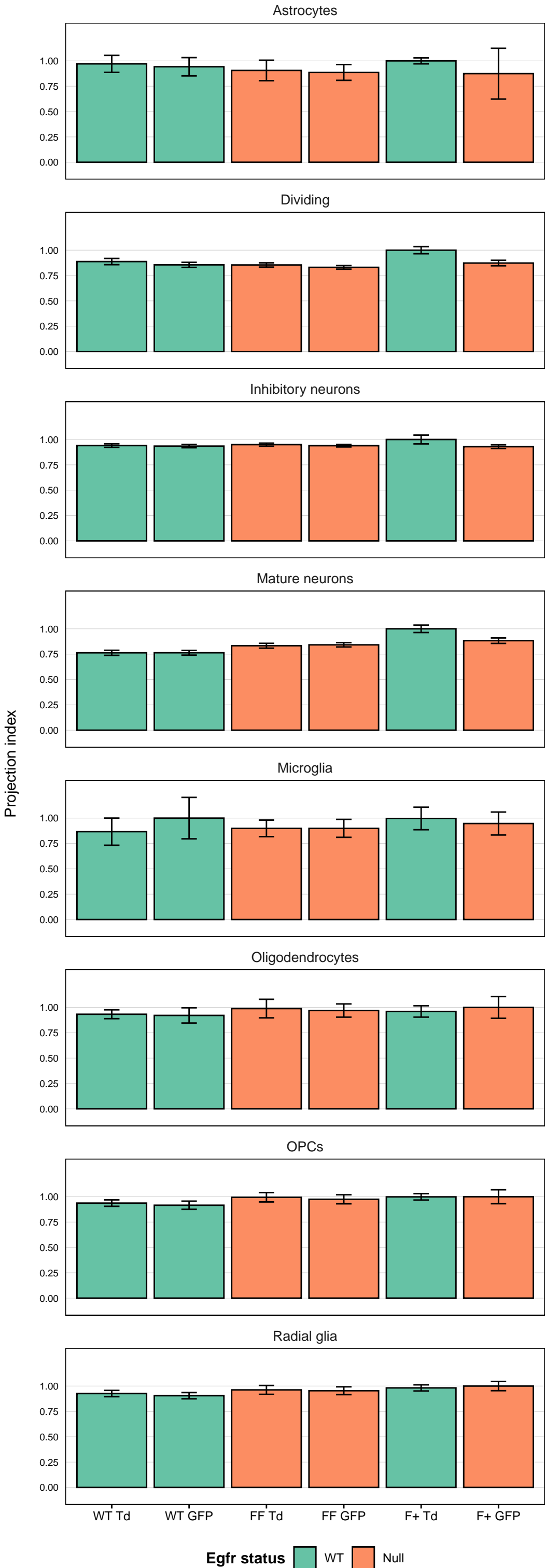


Top genes by kME

Dut
Ldha
Selenoh
Cadps
Oat
Eda
Grid1
Hspa5
Mpzl1
Adcy8
Ctnna2
Brip1os
Gabrg2
Actr3b
Tubb2b
Nell2
Uchl1
Arl6ip1
Svop
Add3

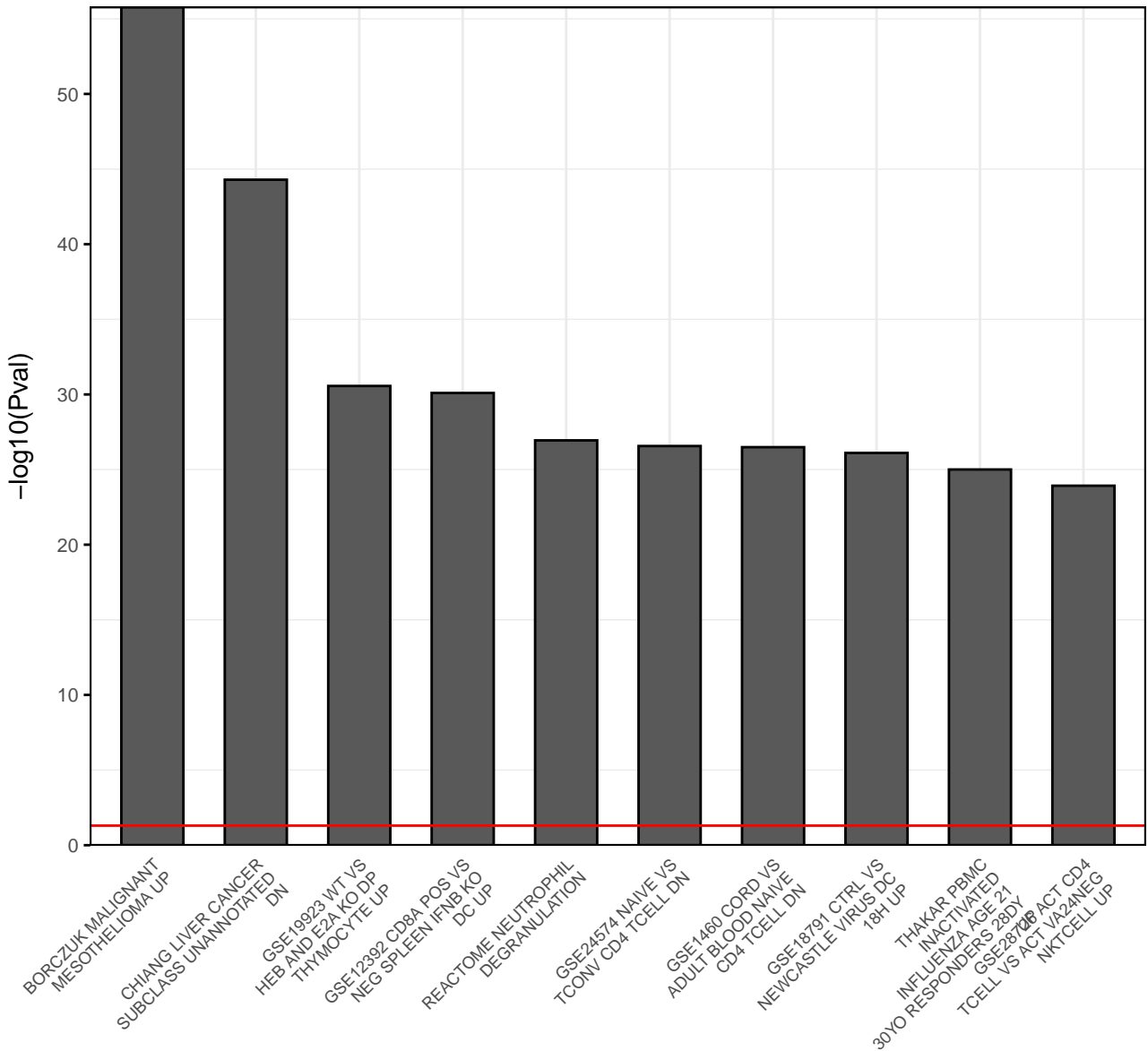


turquoise module
Top 100 by kME
Bicor-None_signum0.643_minSize15_merge_ME_0.85_18566

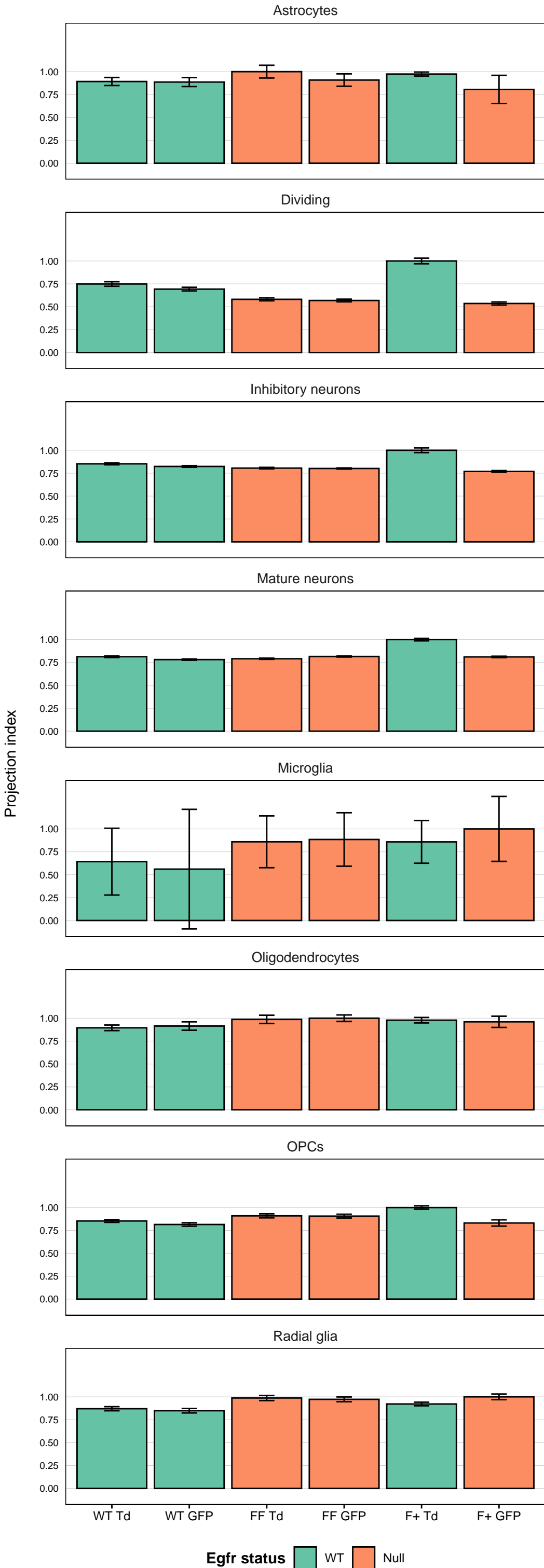


Top genes by kME

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

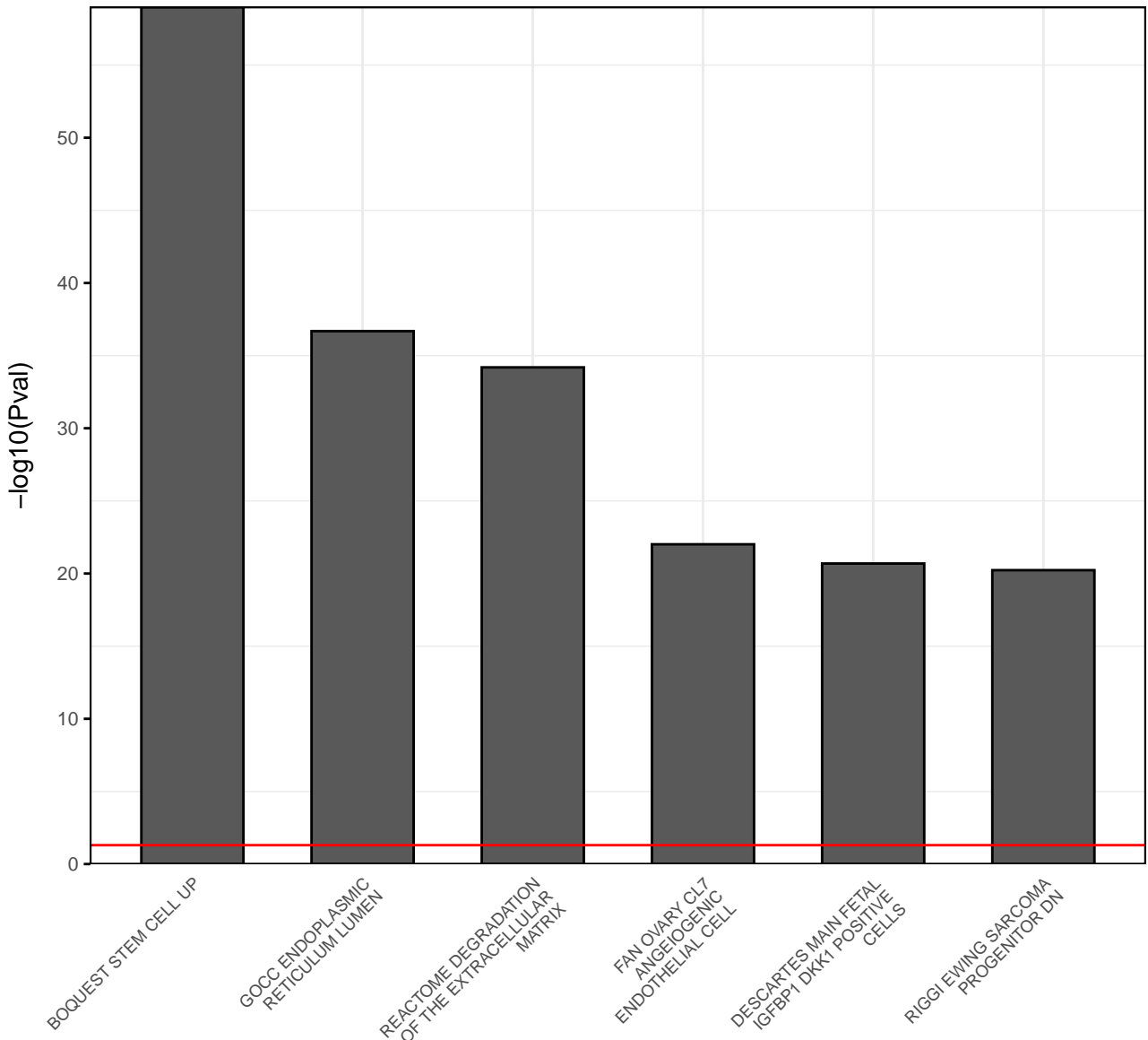


yellow module
Top 100 by kME
Bicor-None_signum0.643_minSize15_merge_ME_0.85_18566



Top genes by kME

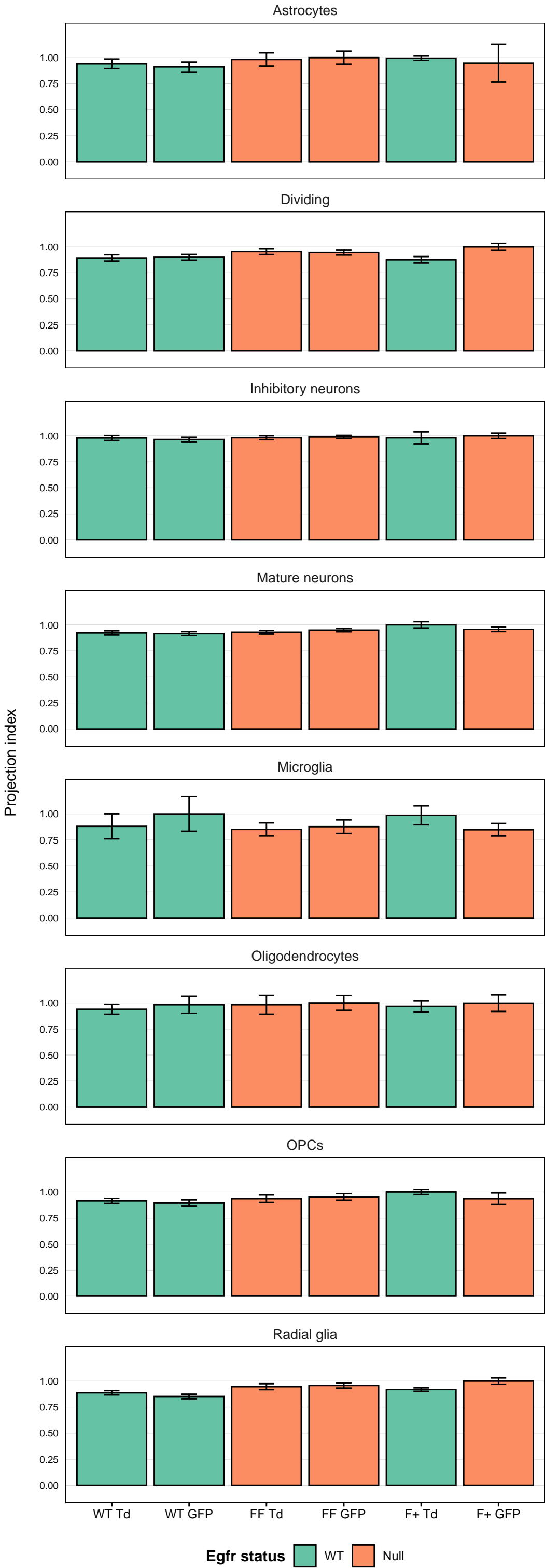
Gm17750
Mctp1
A330093E20Rik
Cfap299
Gm2164
Acsl3
Elavl2
Dleu2
Hecw2
Rian
Sat1
Frmd5
Hmgb1
Hmgcll1
Gria2
Stmn2
Snca
Zfp804b
Abracl
Scn3a



cyan module

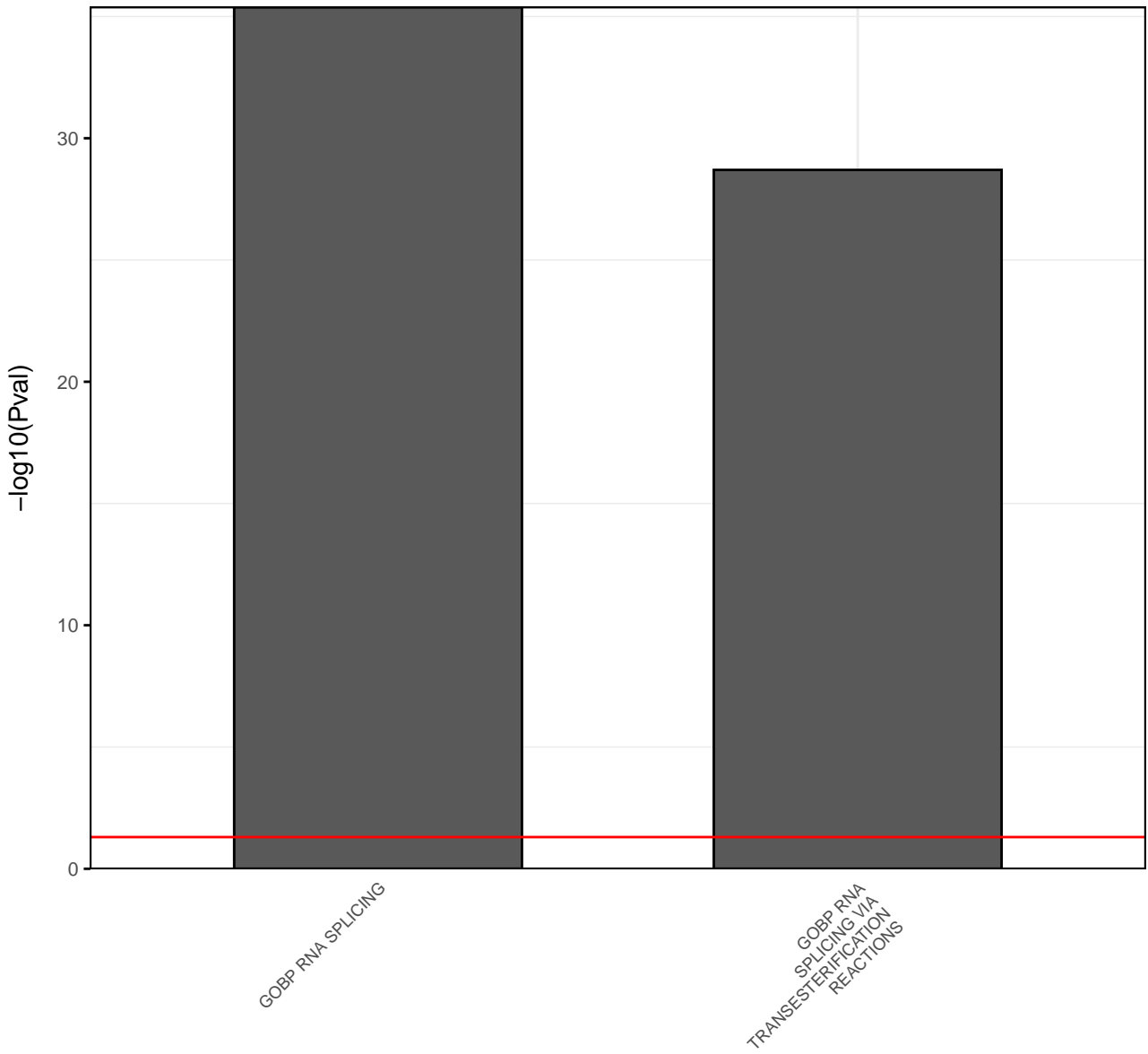
Top 100 by kME

Bicor-None_signum0.551_minSize20_merge_ME_0.85_18566

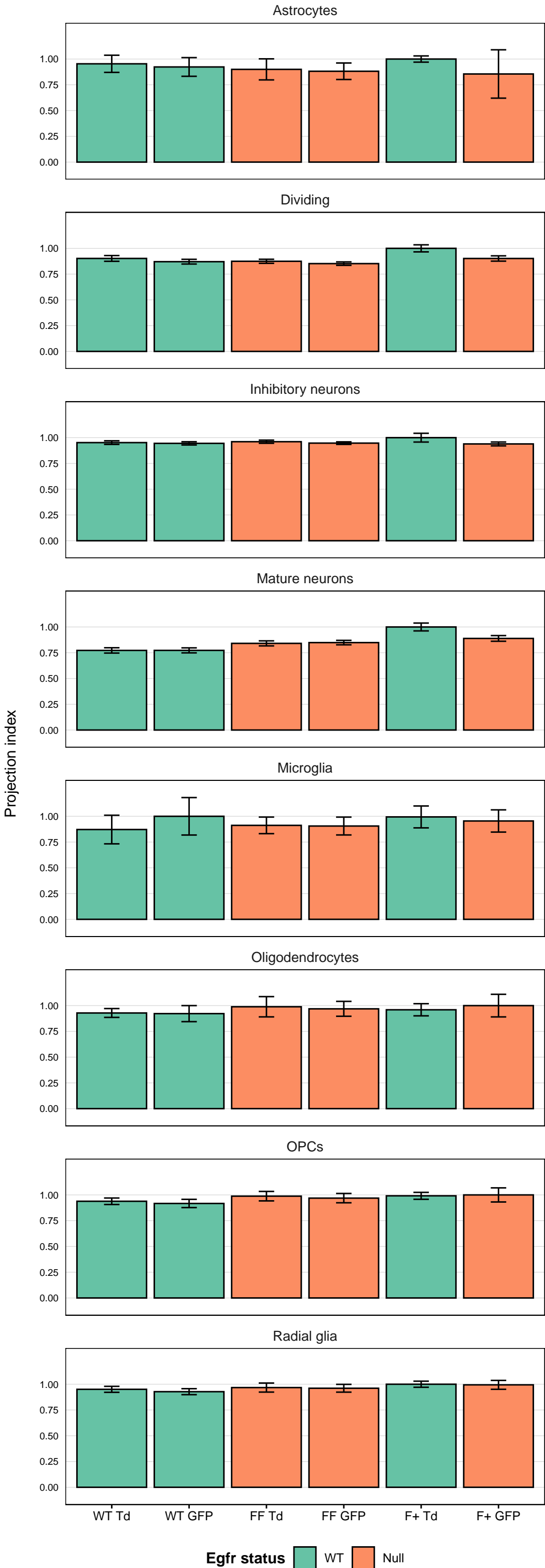


Top genes by kME

Sh3kbp1
Ccdc34
Ranbp1
Mid1
Ppp1r15a
Nedd4l
Anp32b
Mlf1
Scg2
Enox1
Eil2
Enkur
Stxbp6
Ina
Neurod2
Ppargc1a
Basp1
Shtn1
Ccdc113
Omg

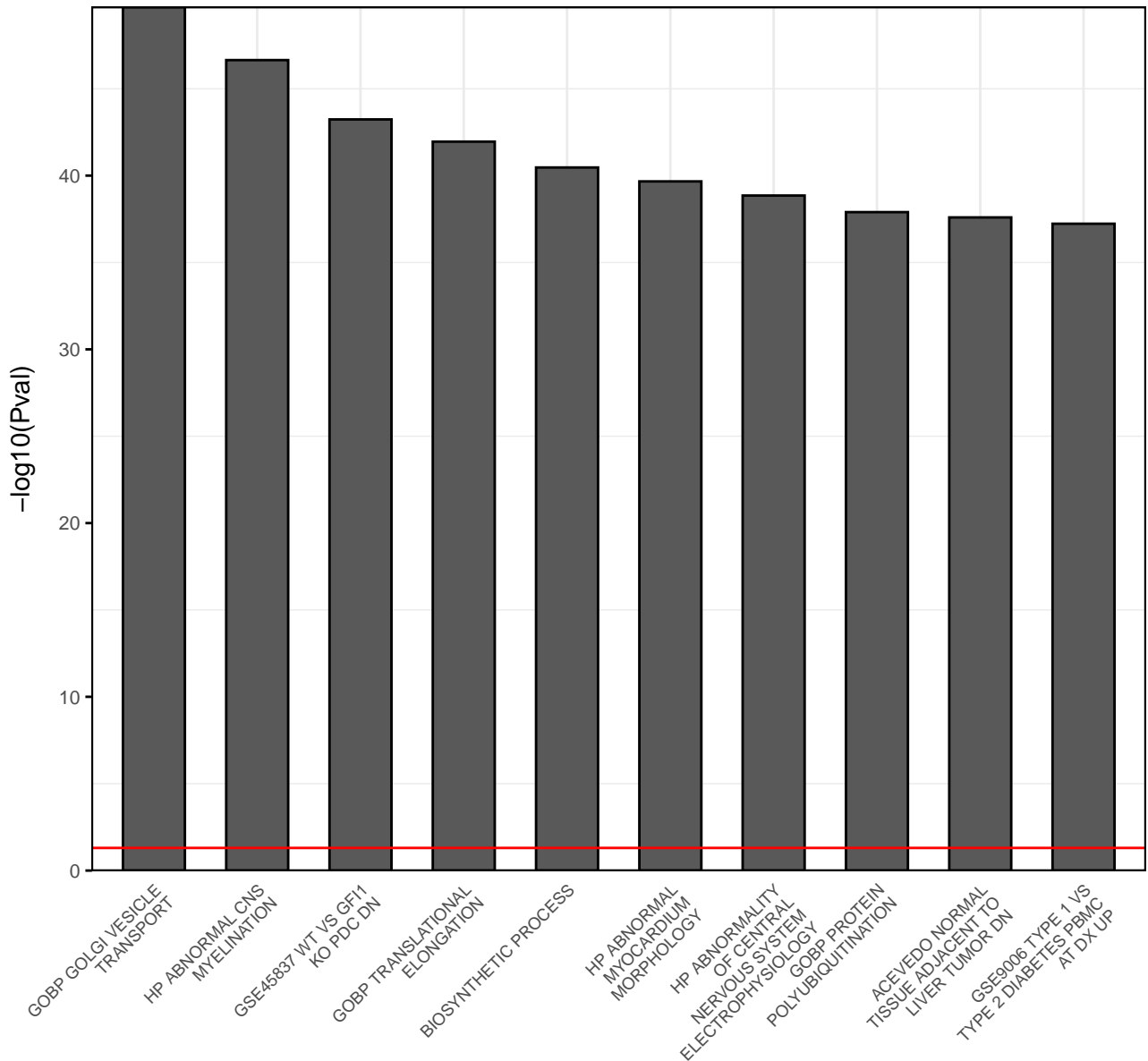


turquoise module
Top 100 by kME
Bicor-None_signum0.551_minSize20_merge_ME_0.85_18566

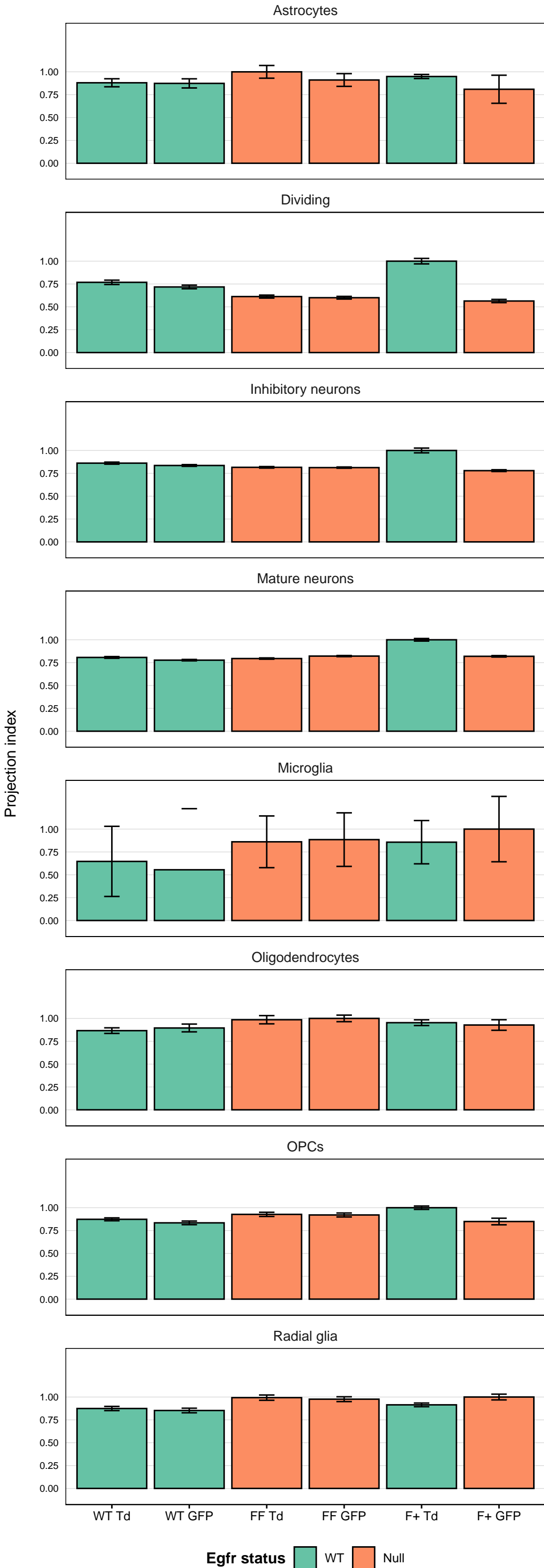


Top genes by kME

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



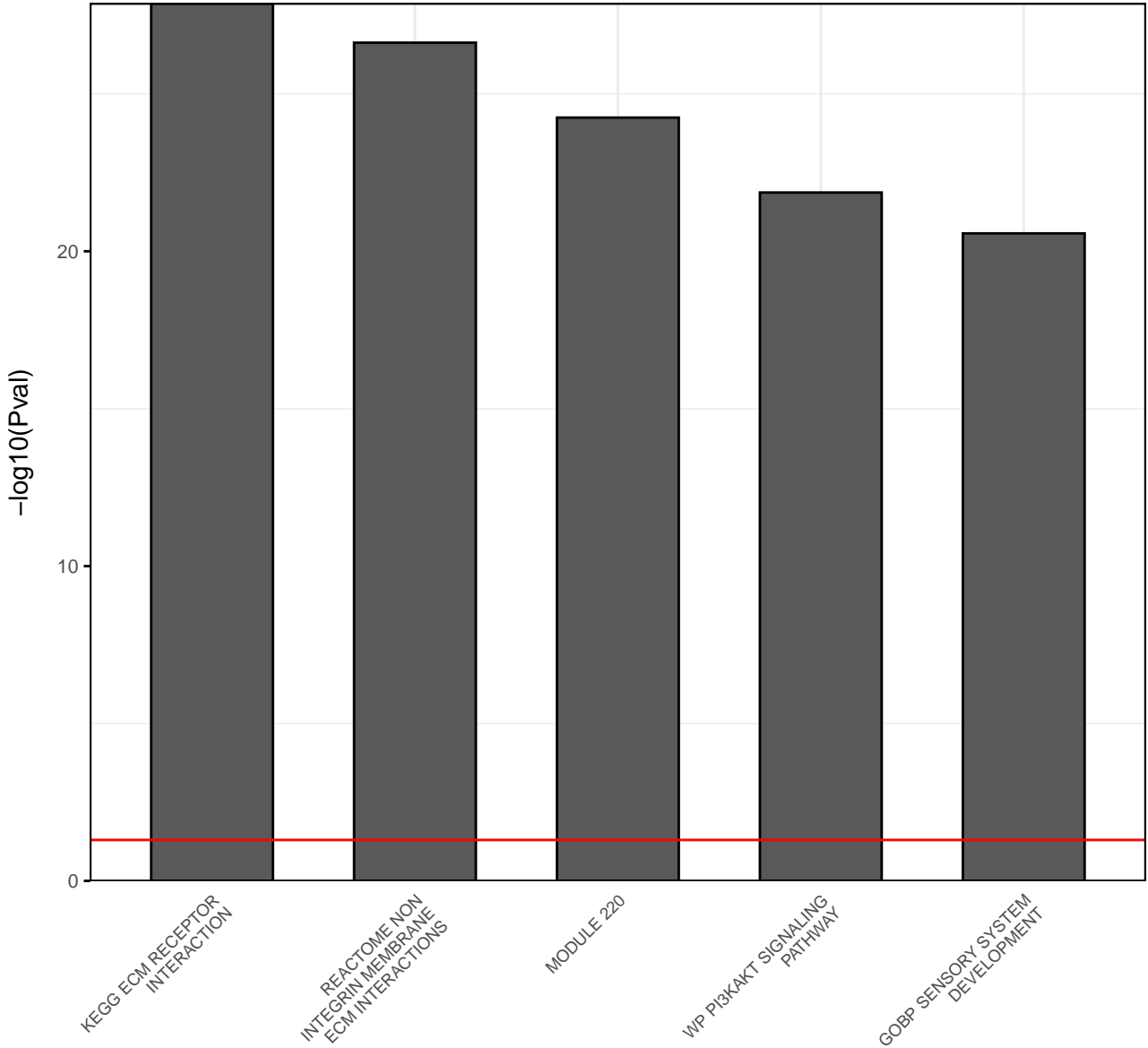
yellow module
Top 100 by kME
Bicor-None_signum0.551_minSize20_merge_ME_0.85_18566



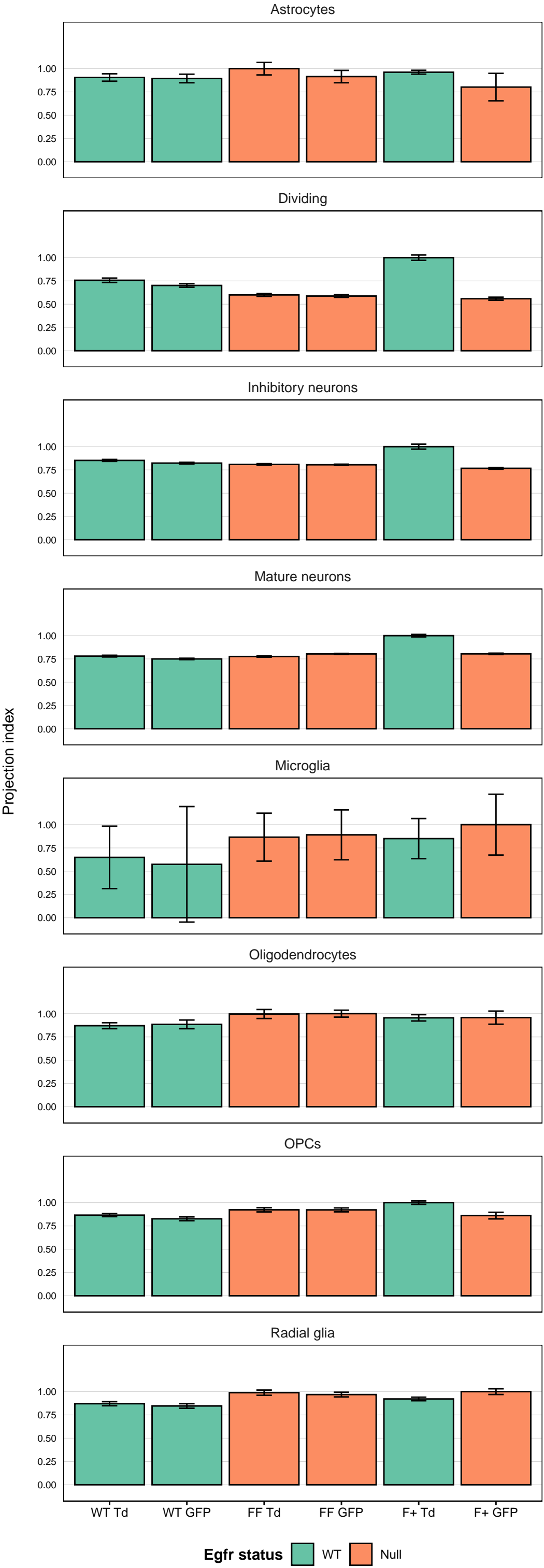
Top genes by kME

9630028H03Rik

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

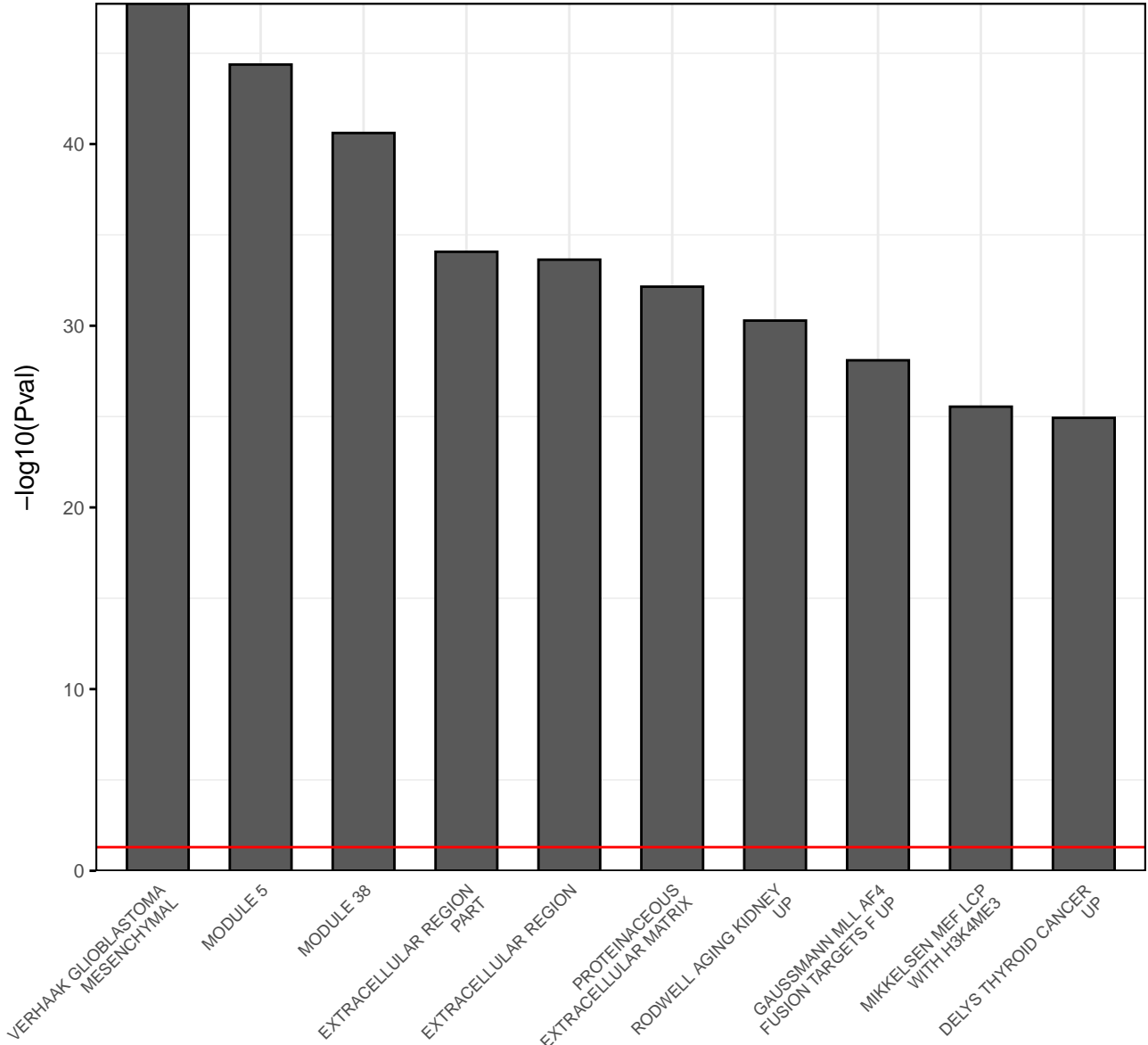


green module
Top 100 by kME
Bicor=None_signum0.69_minSize15_merge_ME_0.85_18566

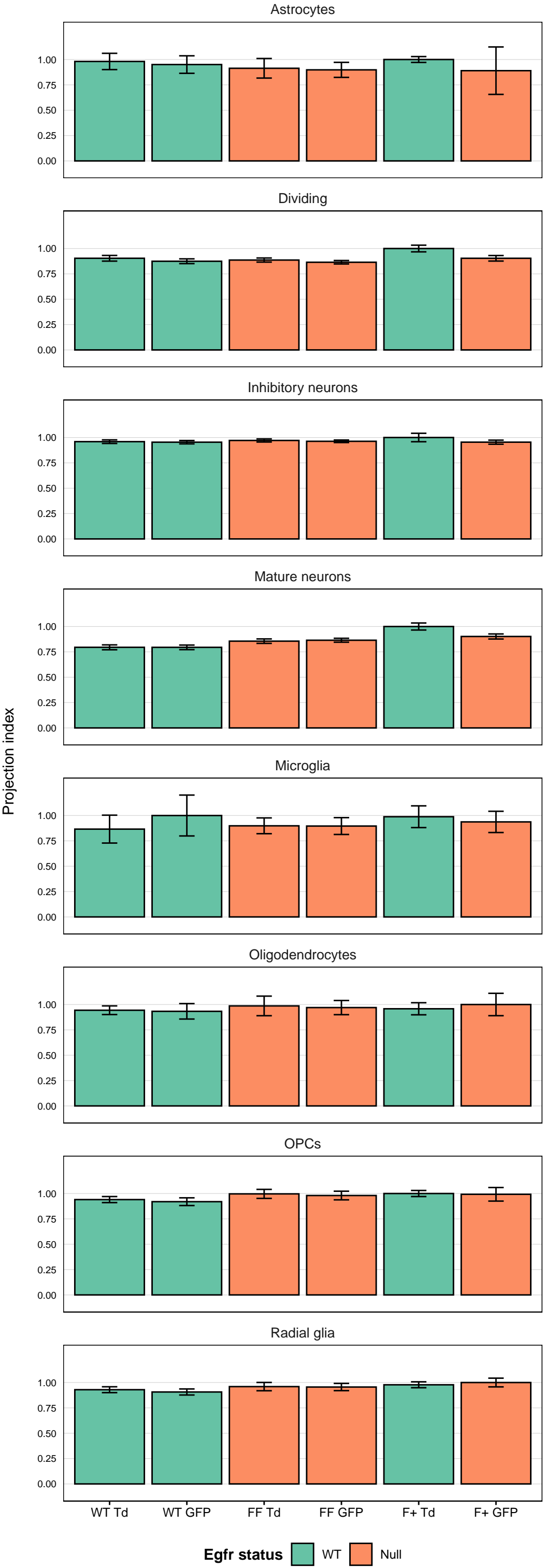


Top genes by kME

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

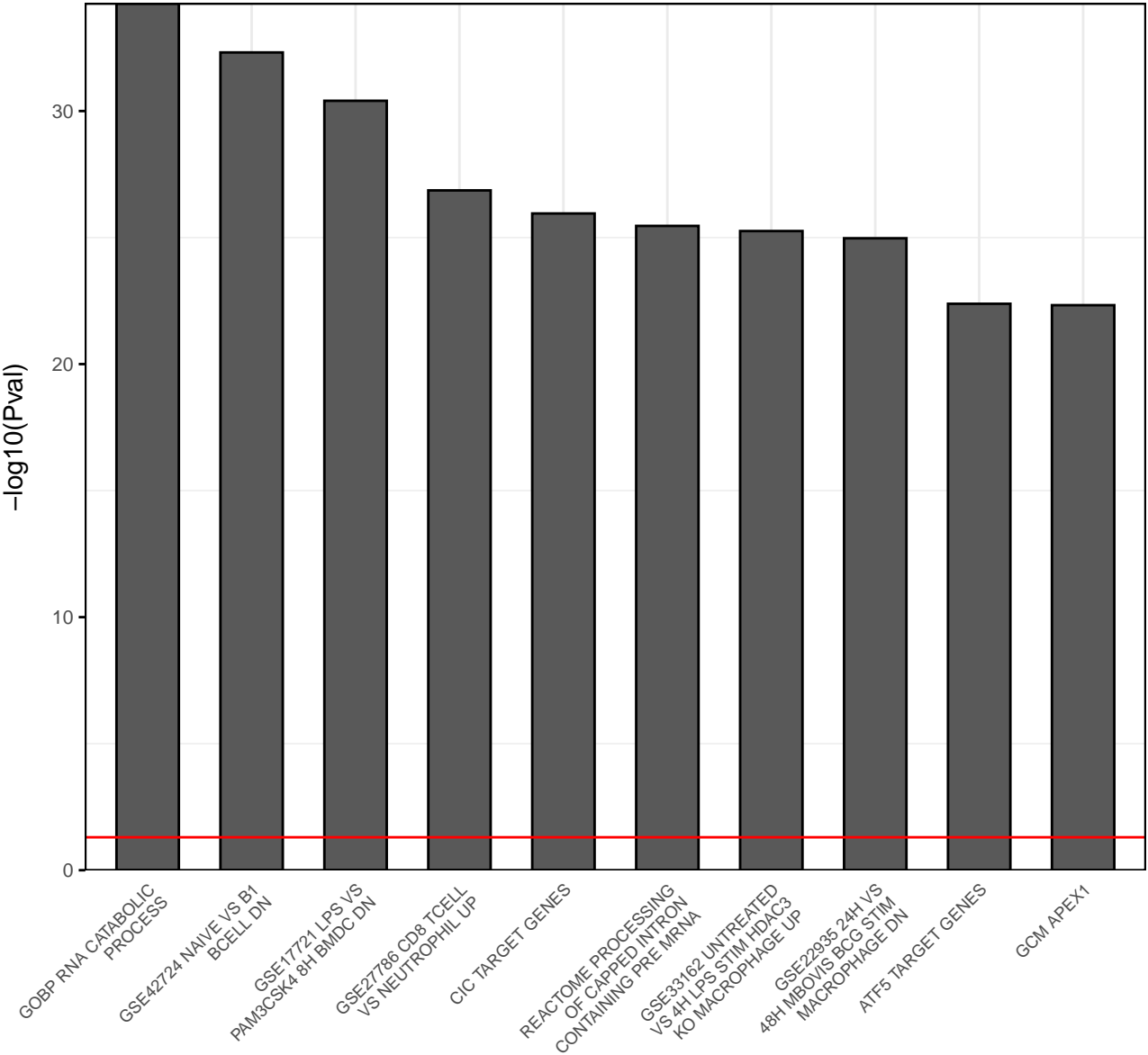


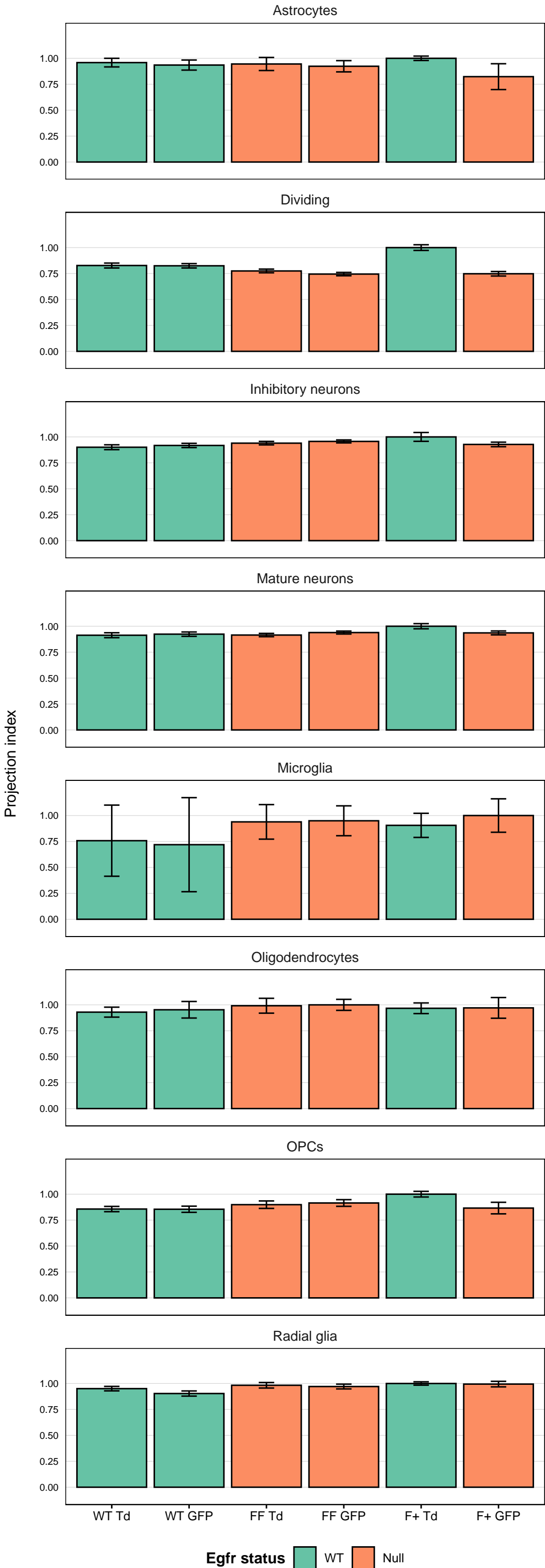
turquoise module
Top 100 by kME
Bicor-None_signum0.69_minSize15_merge_ME_0.85_18566



Top genes by kME

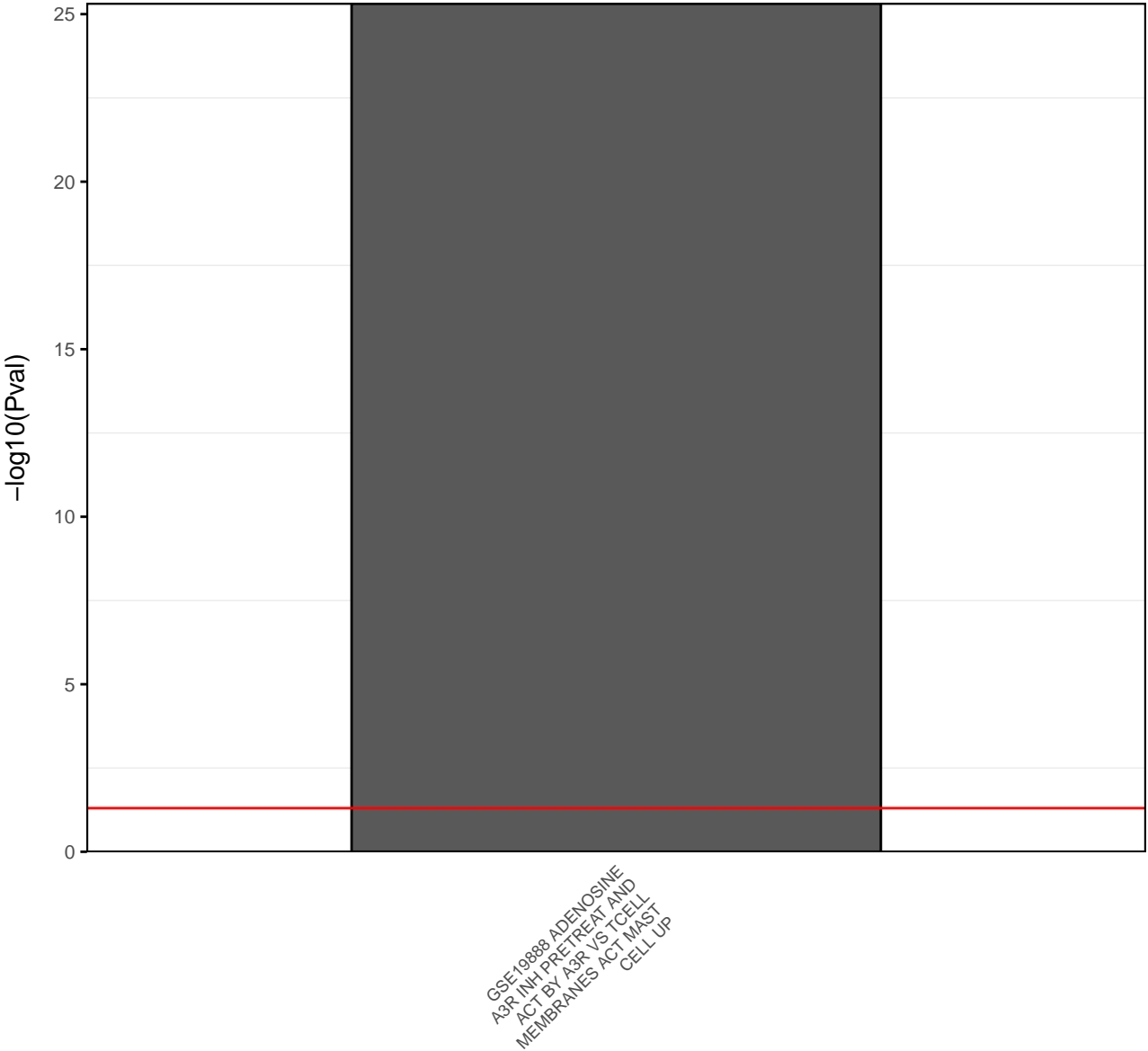
Tenm1
Ifitm3
Kcnq1ot1
Lncpint
Etv6
Thsd4
Gm26871
Lgals3
Atf3
Camk4
Spi1
Lmo4
Ctsc
Srgn
H2-K1
A330076H08Rik
Ly86
Hhip
Arpc1b
Zfhx4





Top genes by kME

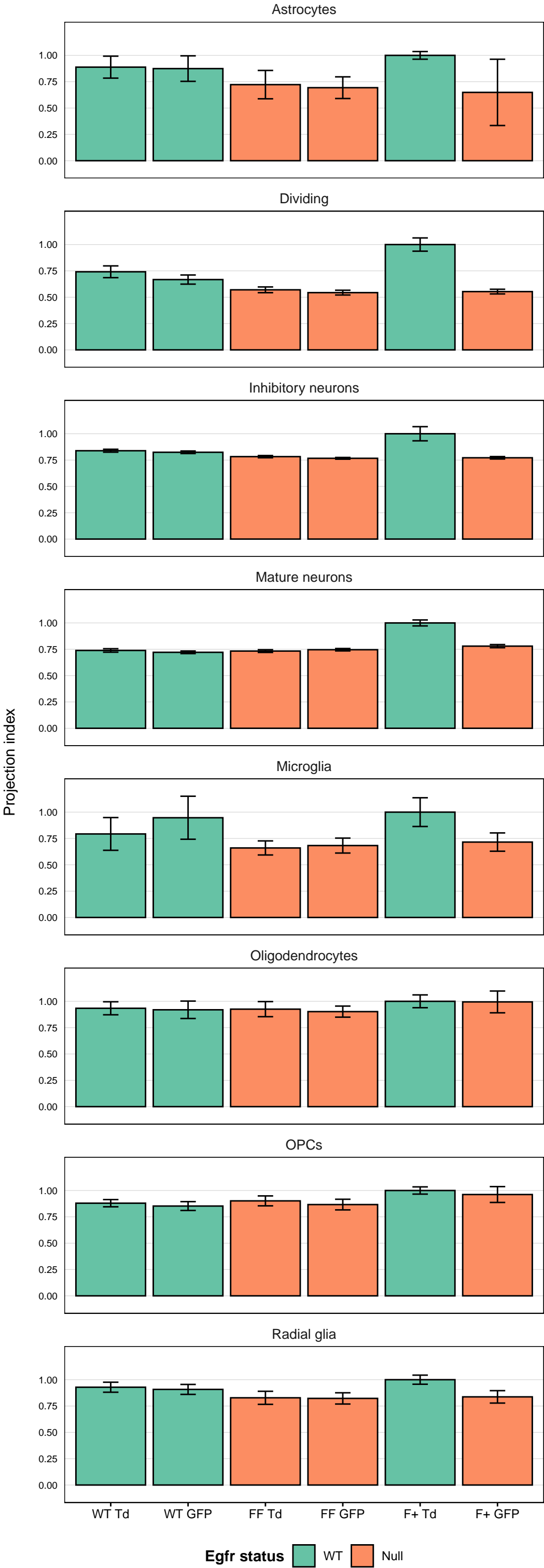
Tenm1
Ifitm3
Kcnq1ot1
Lncpint
Etv6
Thsd4
Gm26871
Lgals3
Atf3
Camk4
Spi1
Lmo4
Ctsc
Srgn
H2-K1
A330076H08Rik
Ly86
Hhip
Arpc1b
Zfhx4



greenyellow module

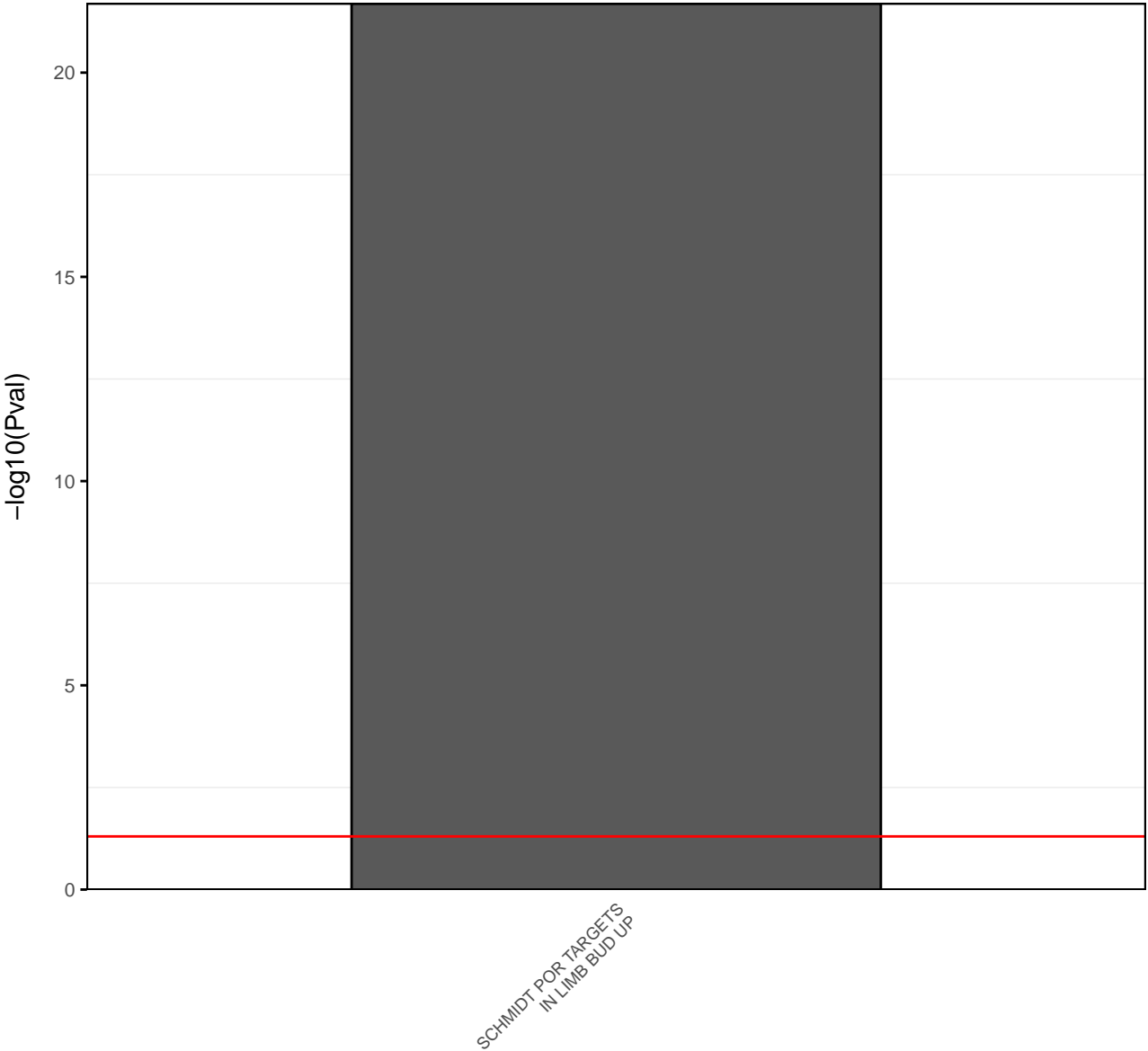
Top 100 by kME

Bicor-None_signum0.69_minSize15_merge_ME_0.85_18566

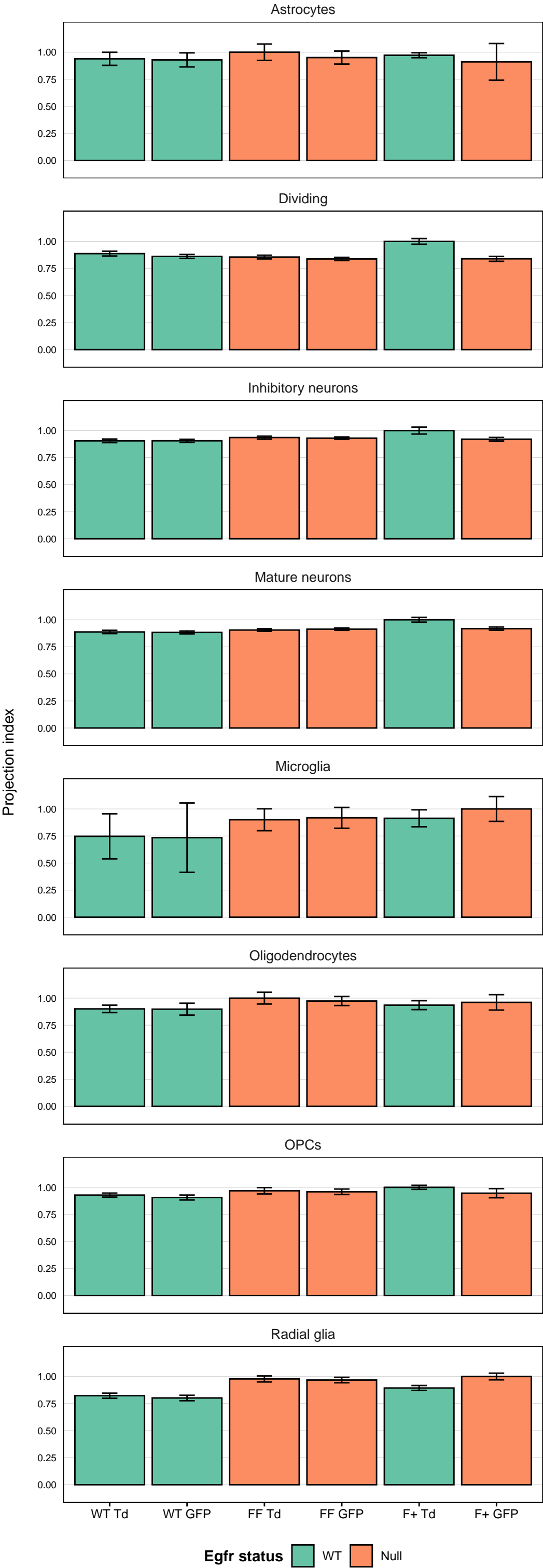


Top genes by kME

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

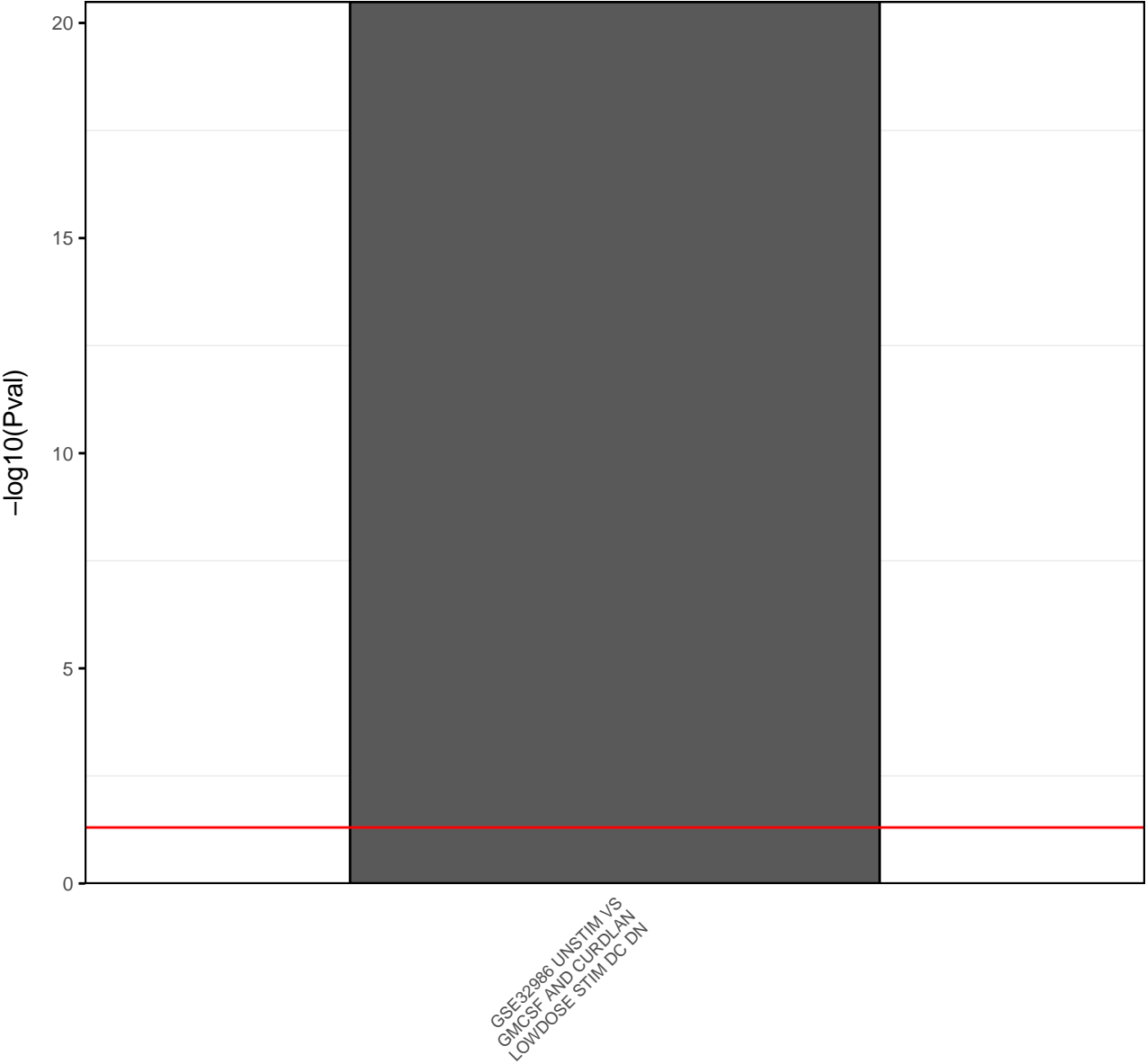


orange module
Top 100 by kME
Bicor-None_signum0.69_minSize15_merge_ME_0.85_18566

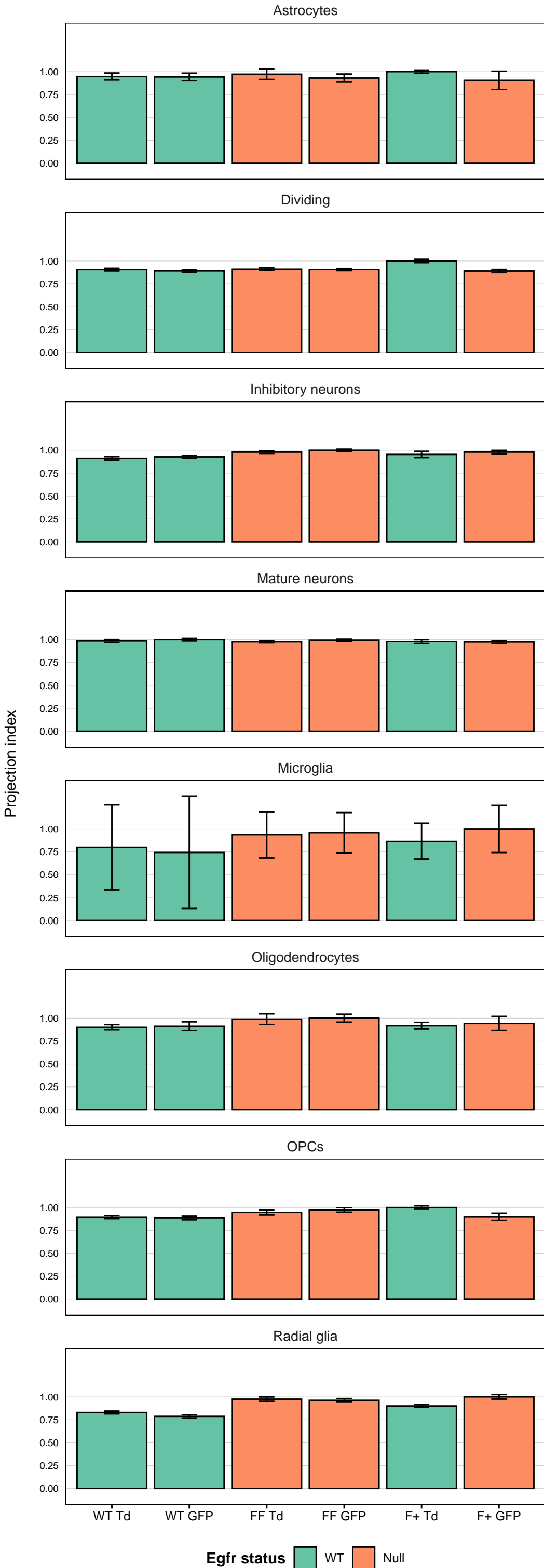


Top genes by kME

Mpped2
Grm3
Kcnt2
Adcy2
Prickle1
Peli2
Enc1
Grm8
Tiam2
Tmem196
Gucy1b1
Cdh10
Frmpd4
Garnl3
Fut9
Sorl1
Mpped1
Lypd6
Syndig1
Csrnp3

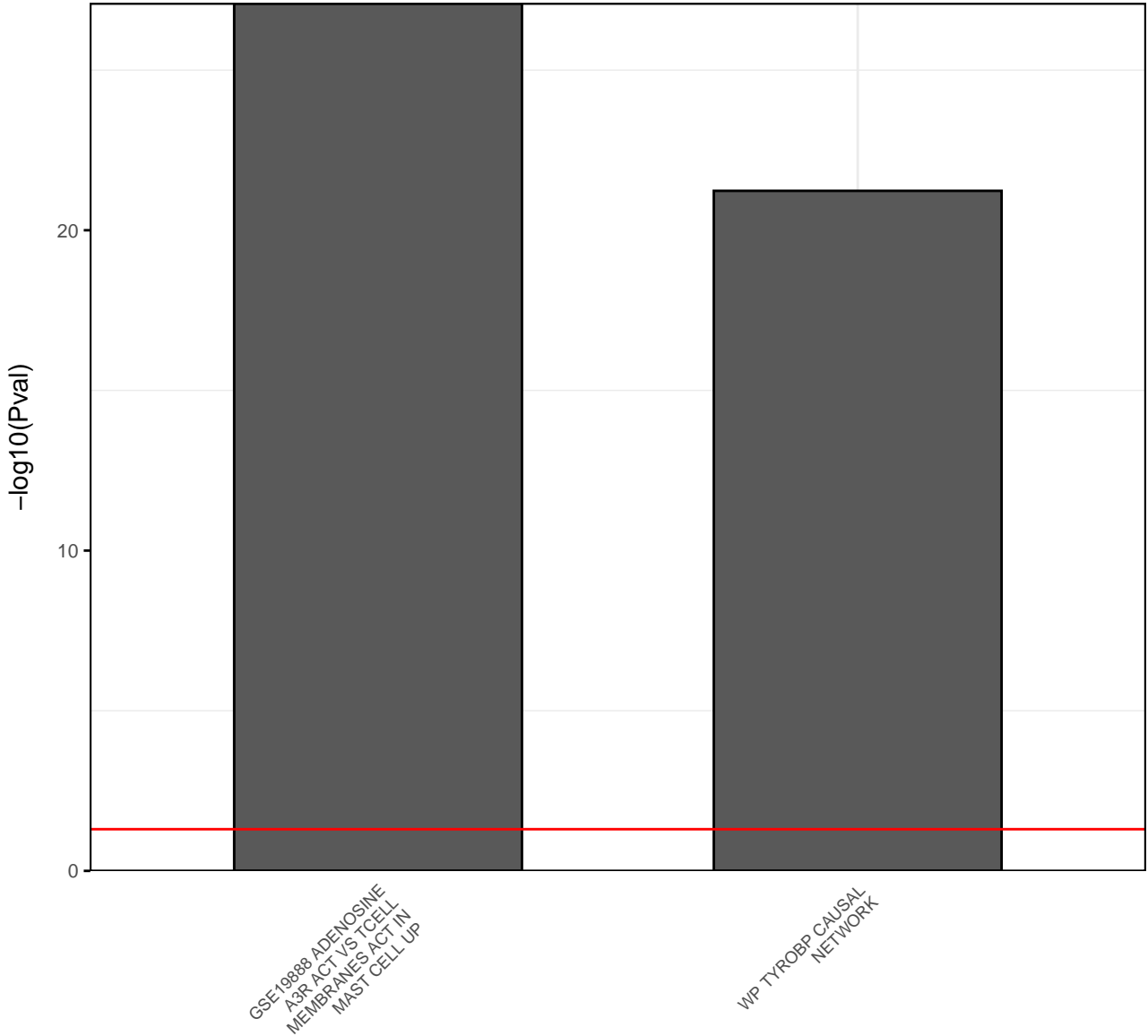


salmon module
Top 100 by kME
Bicor-None_signum0.69_minSize15_merge_ME_0.85_18566

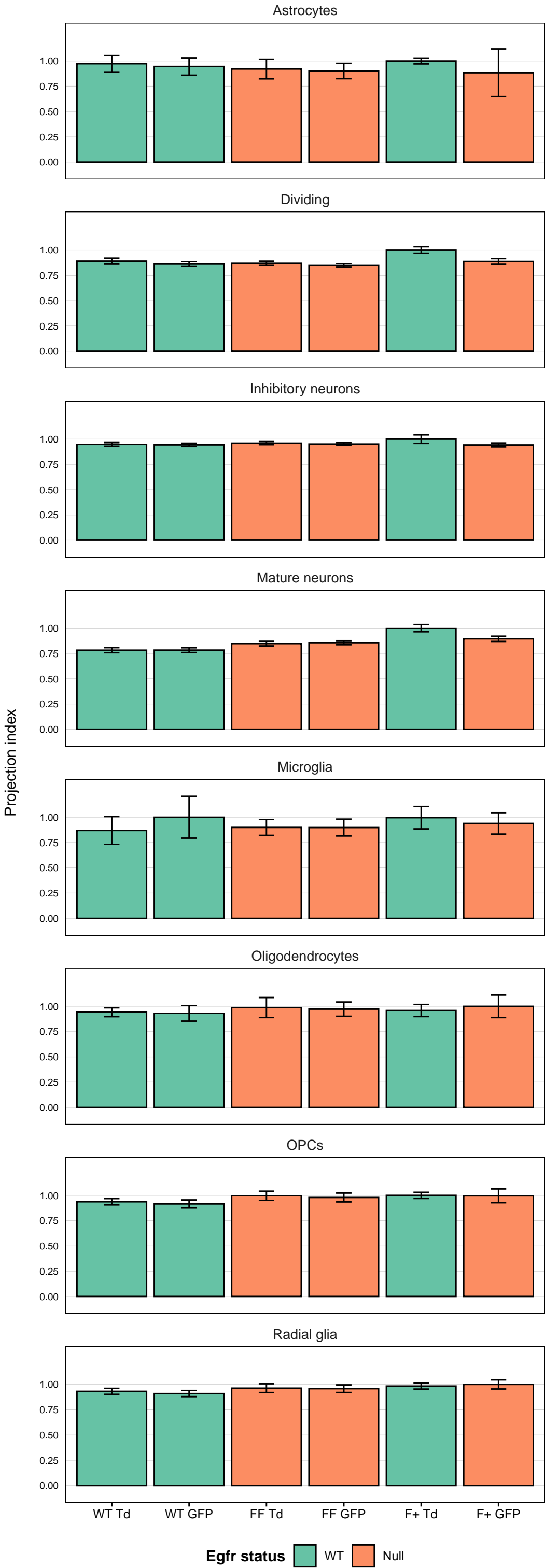


Top genes by kME

Cyba
Aif1
Adgre1
Fyb
C1qb
Ctss
Lyz2
Dock2
Cx3cr1
Ctsz
Fcer1g
Lgmn
Lrmda
Dach2
Hdac9
Trf
Erbp4
Spi1
Lgals3
A230057D06Rik

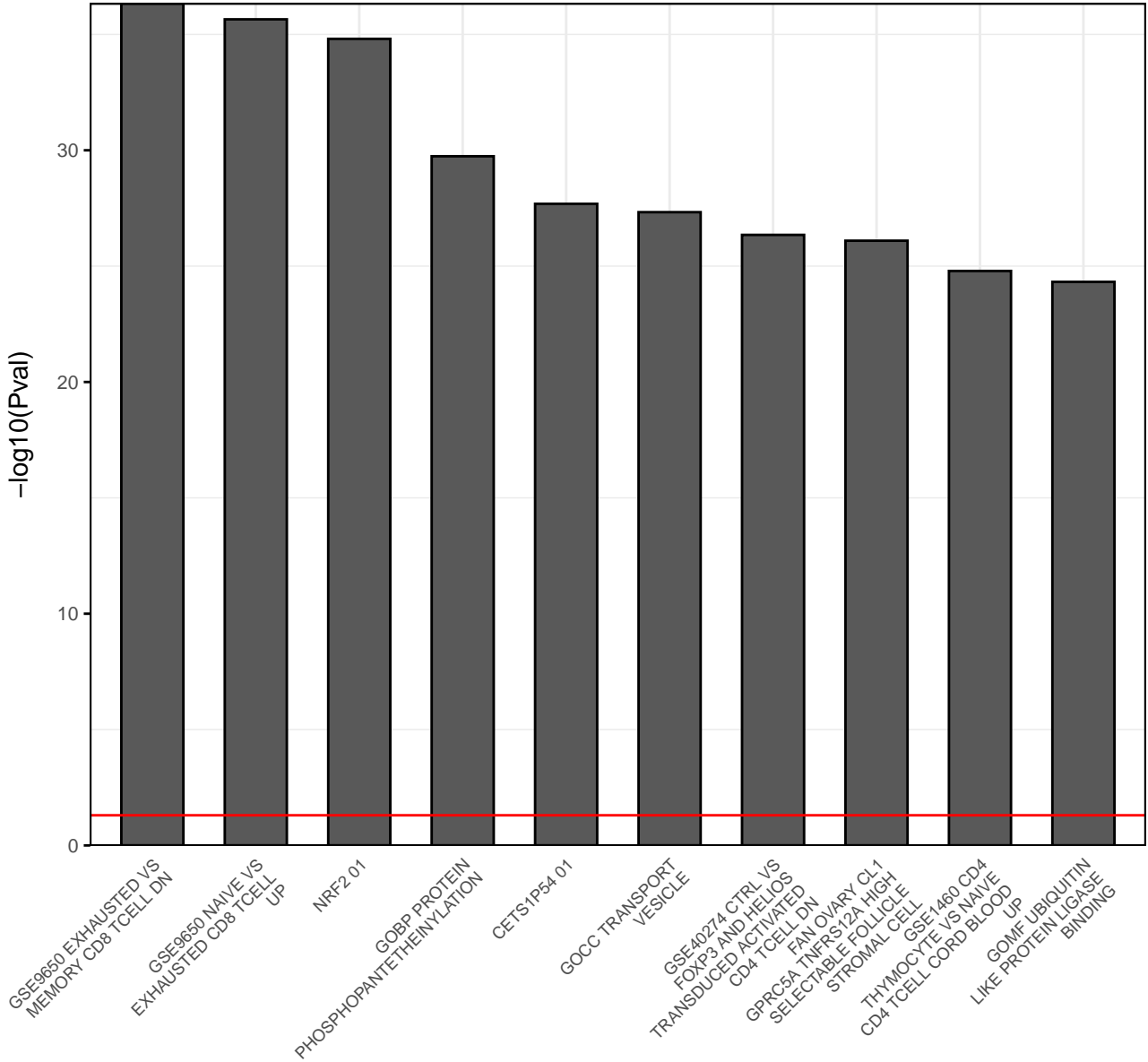


turquoise module
Top 100 by kME
Bicor-None_signum0.757_minSize10_merge_ME_0.85_18566



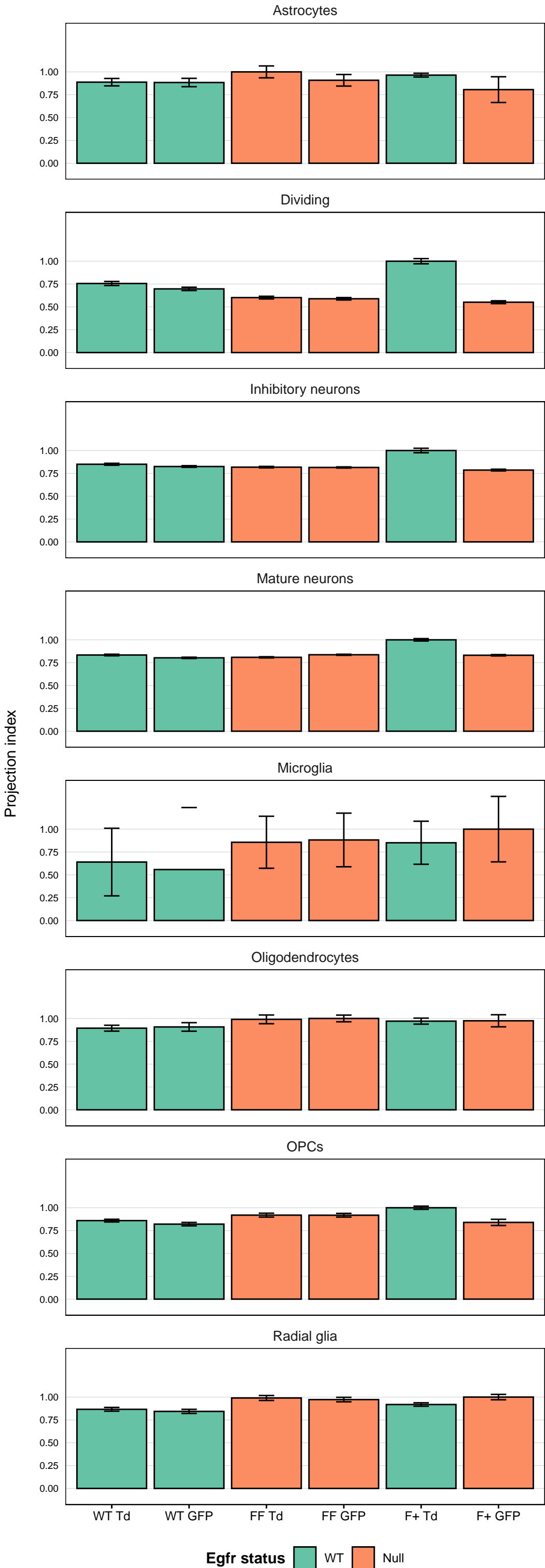
Top genes by kME

Cadm2
Kcnh1
Sorcs1
Pdzd2
Fhod3
Tspan5
Ldlrad4
Frmpd4
Klhl1
Kcnh5
Rorb
Rgs6
Tmtc1
Adgrl2
Ablim1
Gucy1b1
Klhl29
Lhfp
Carmil1
Ptpkr



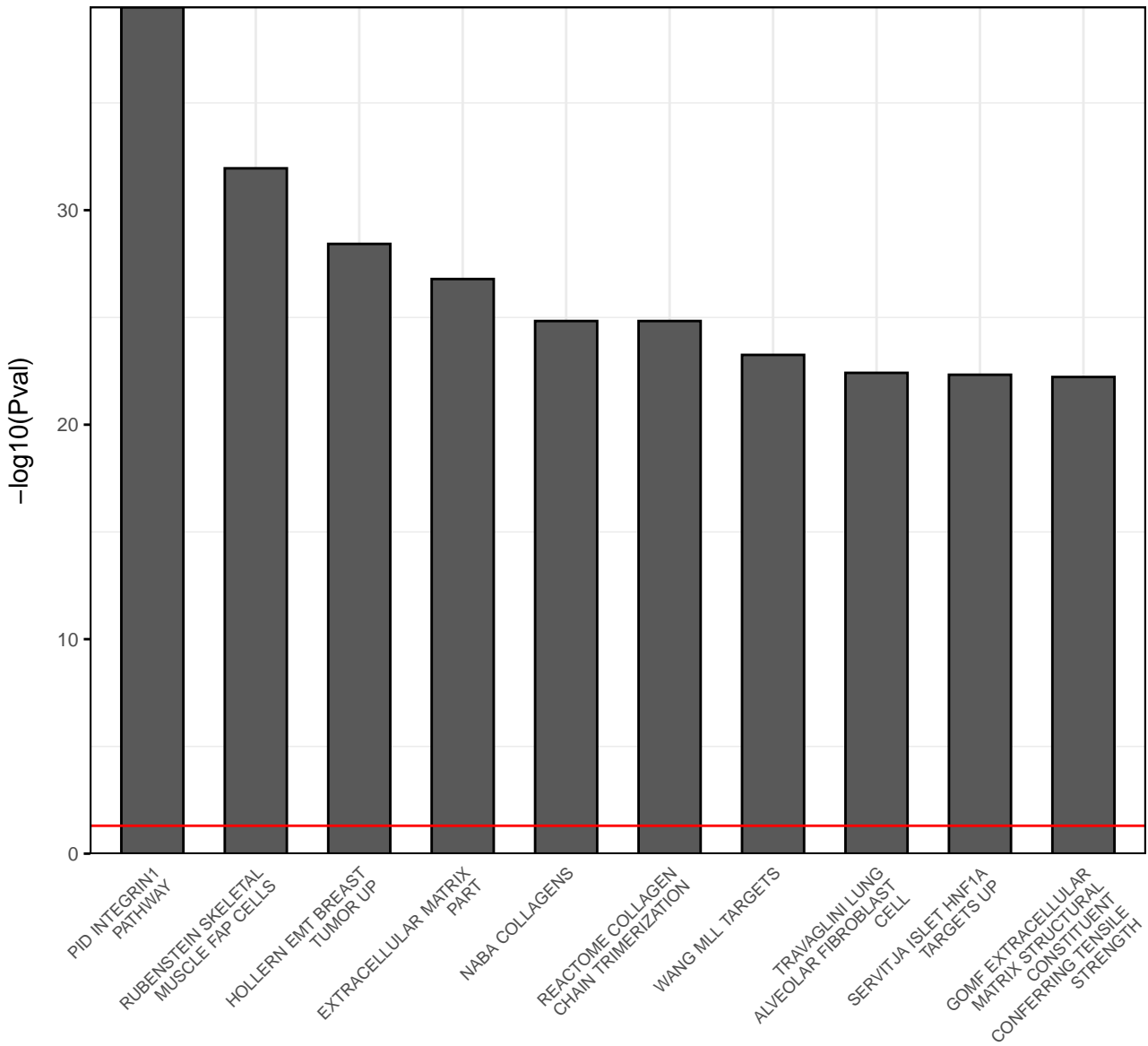
red module
Top 100 by kME

Bicor-None_signum0.757_minSize10_merge_ME_0.85_18566

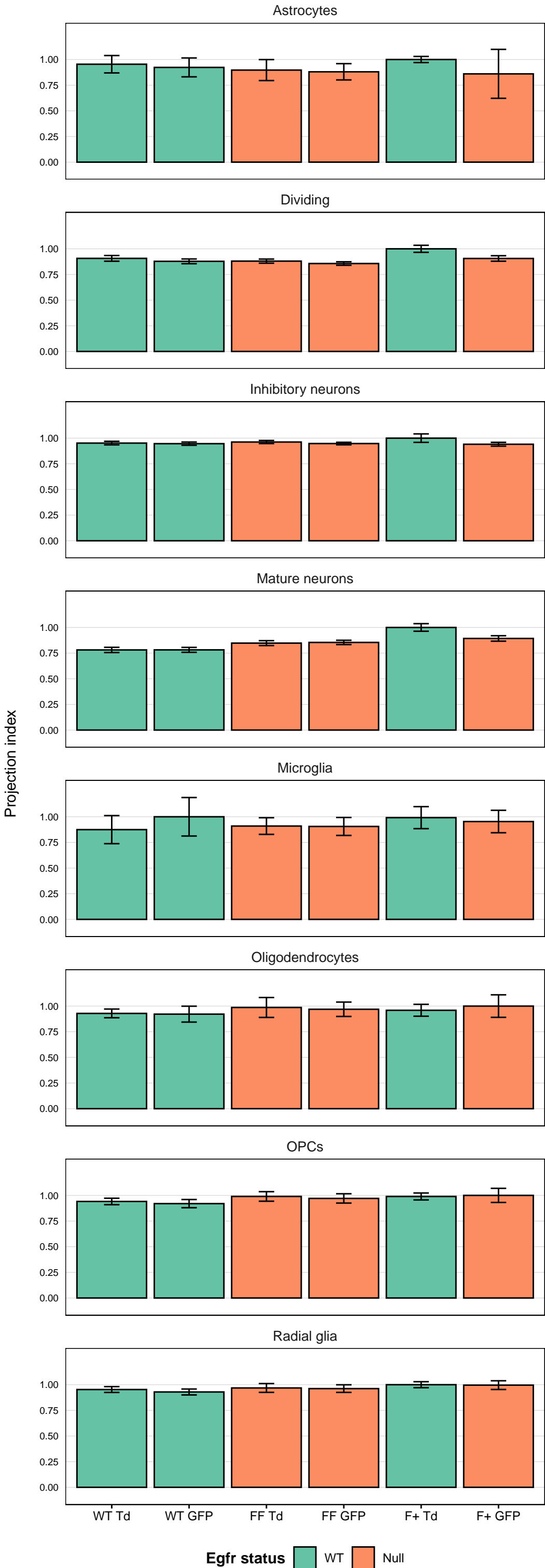


Top genes by kME

Fam183b
Galnt17
Nrg3os
Cfap126
Rasl11a
C230072F16Rik
1700094D03Rik
Ccgc162
Hydin
Gm45341
Pcsk5
Lrrc23
Gm11266
Ak7
St18
Epb41l4a
Rsph1
Odf3b
Meig1
Tgfb2

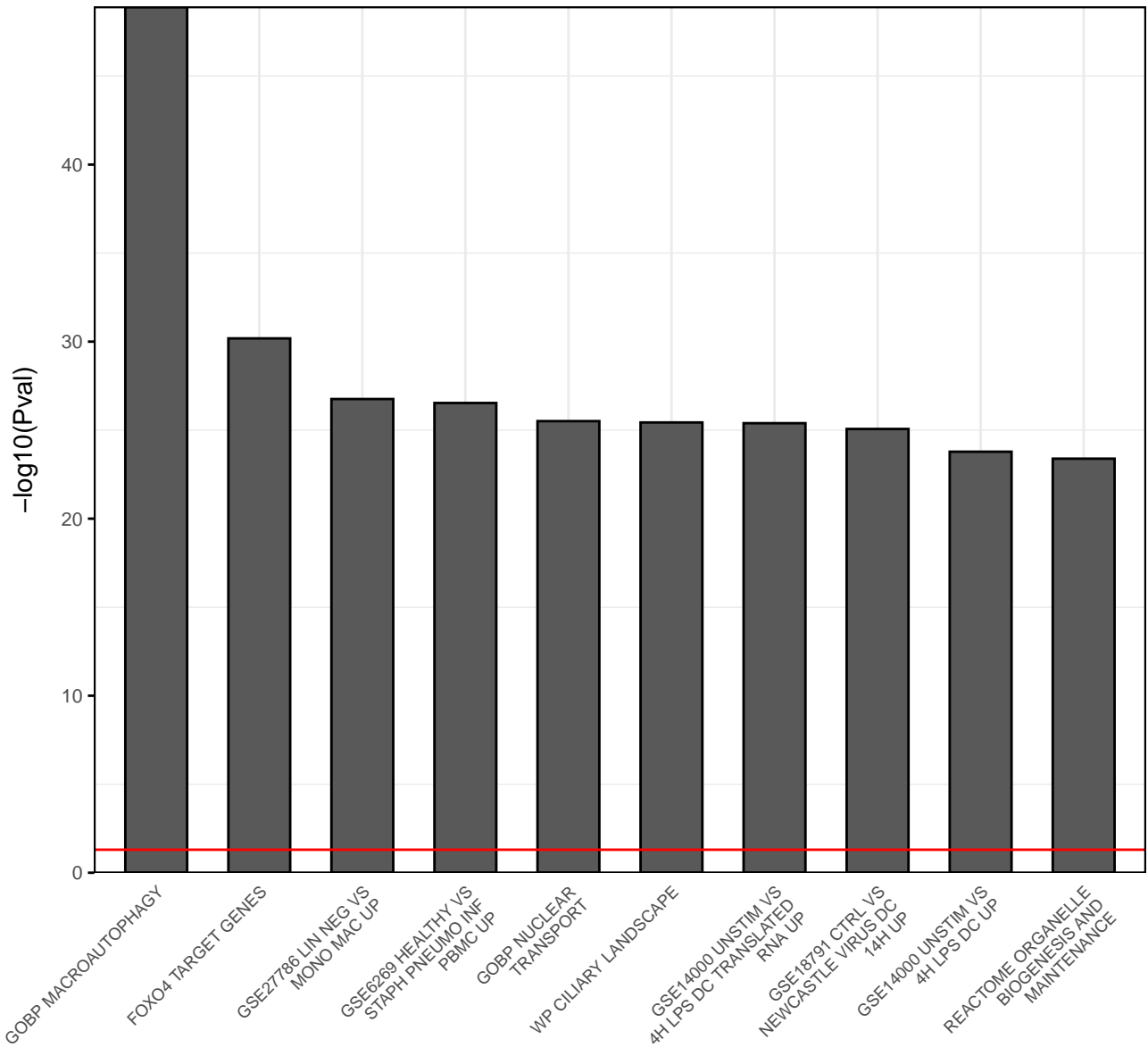


turquoise module
Top 100 by kME
Bicor-None_signum0.508_minSize20_merge_ME_0.85_18566



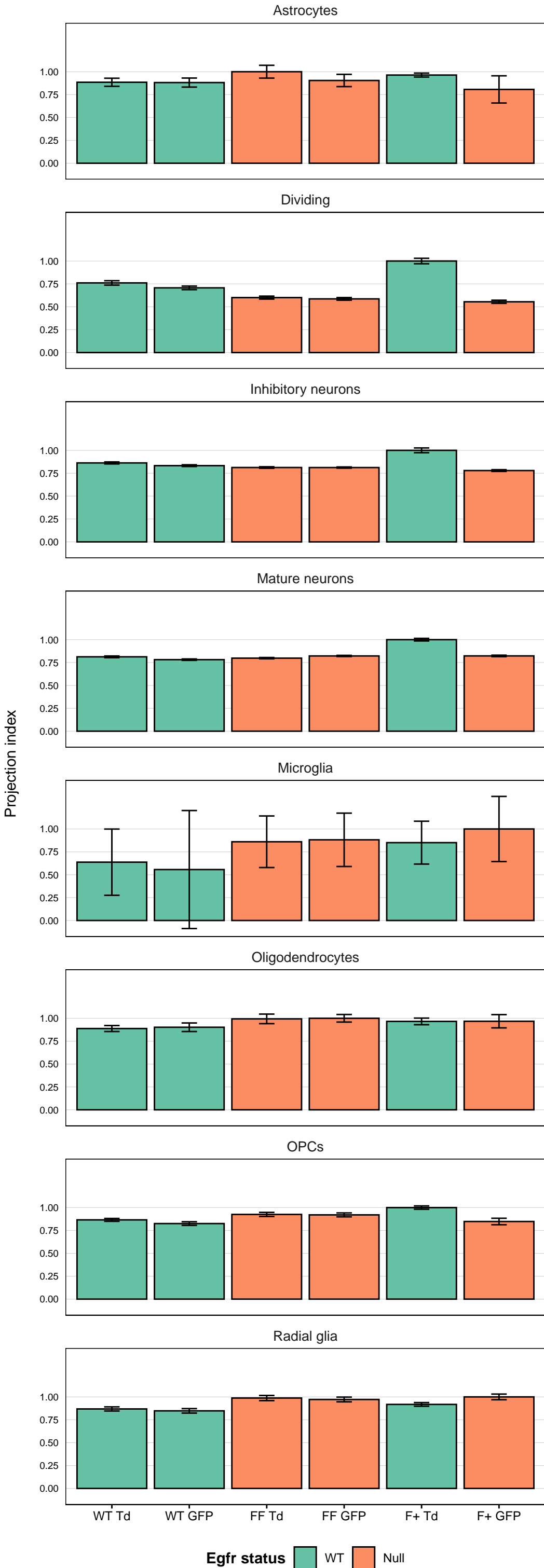
Top genes by kME

Ndst3
Etv1
Ano1
A2m
9630014M24Rik
Hmgcs2
8030451A03Rik
B830012L14Rik
Fam107a
Sorbs2os
Fas
Csf1r
Pde1c
4933406I18Rik
Selenop
Lptm5
Abca1
Gm13052
Mertk
Lockd



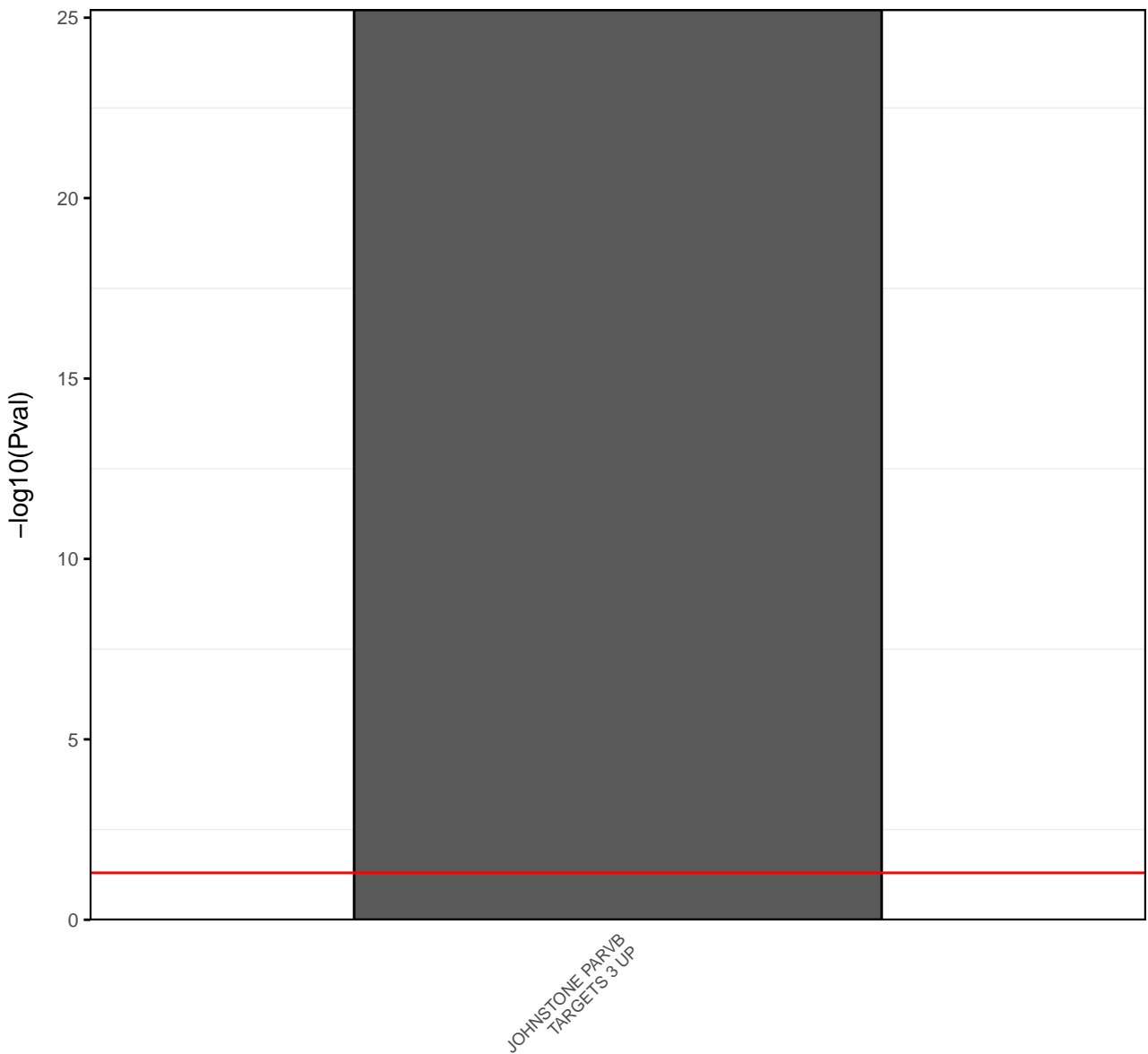
blue module
Top 100 by kME

Bicor-None_signum0.508_minSize20_merge_ME_0.85_18566



Top genes by kME

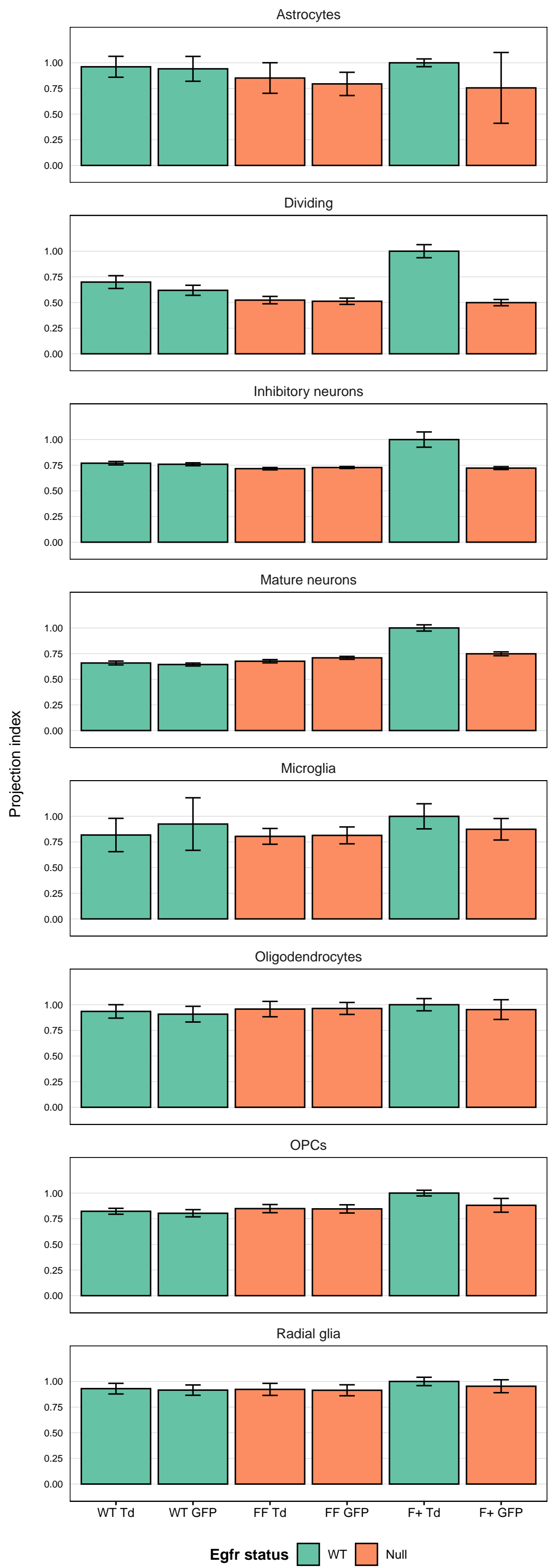
Gm47423
Gm29521
Fezf2
Sema6a
Plk1
Arc
2900079G21Rik
Arhgap11a
Nfia
1700016P03Rik
Fosb
Dlga1
Egr3
Auts2
Grp
Incenp
Egr1
Nfix
Junb
Tmsb10



grey60 module

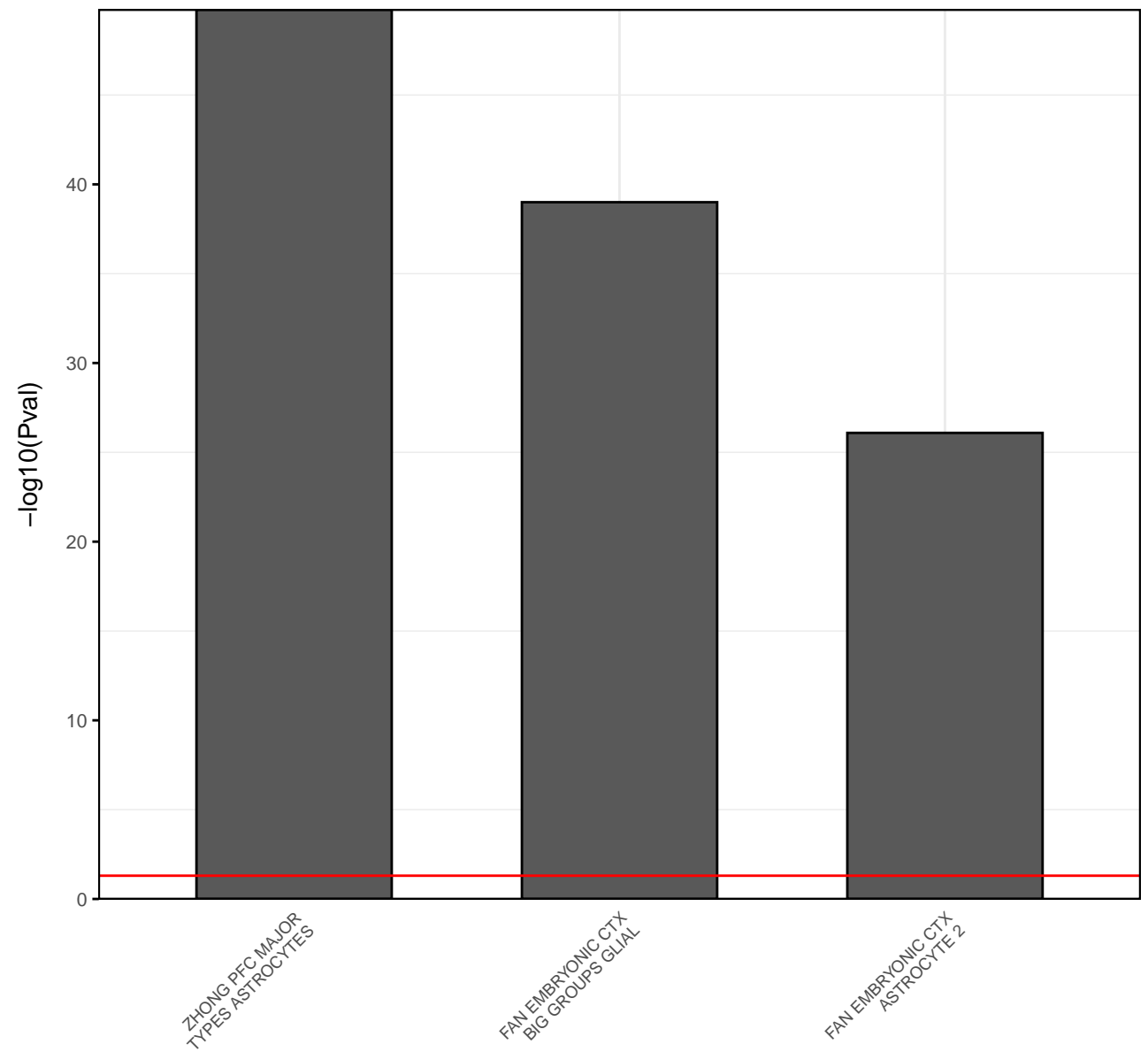
Top 100 by kME

Bicor-None_signum0.508_minSize20_merge_ME_0.85_18566

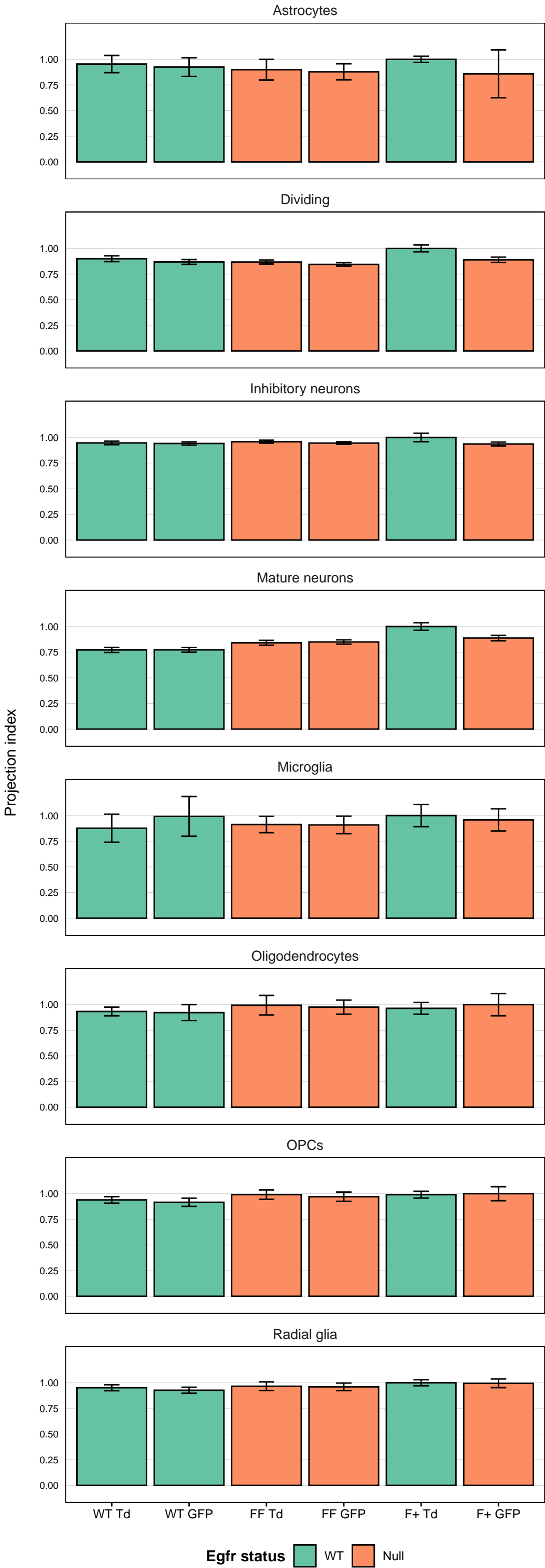


Top genes by kME

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

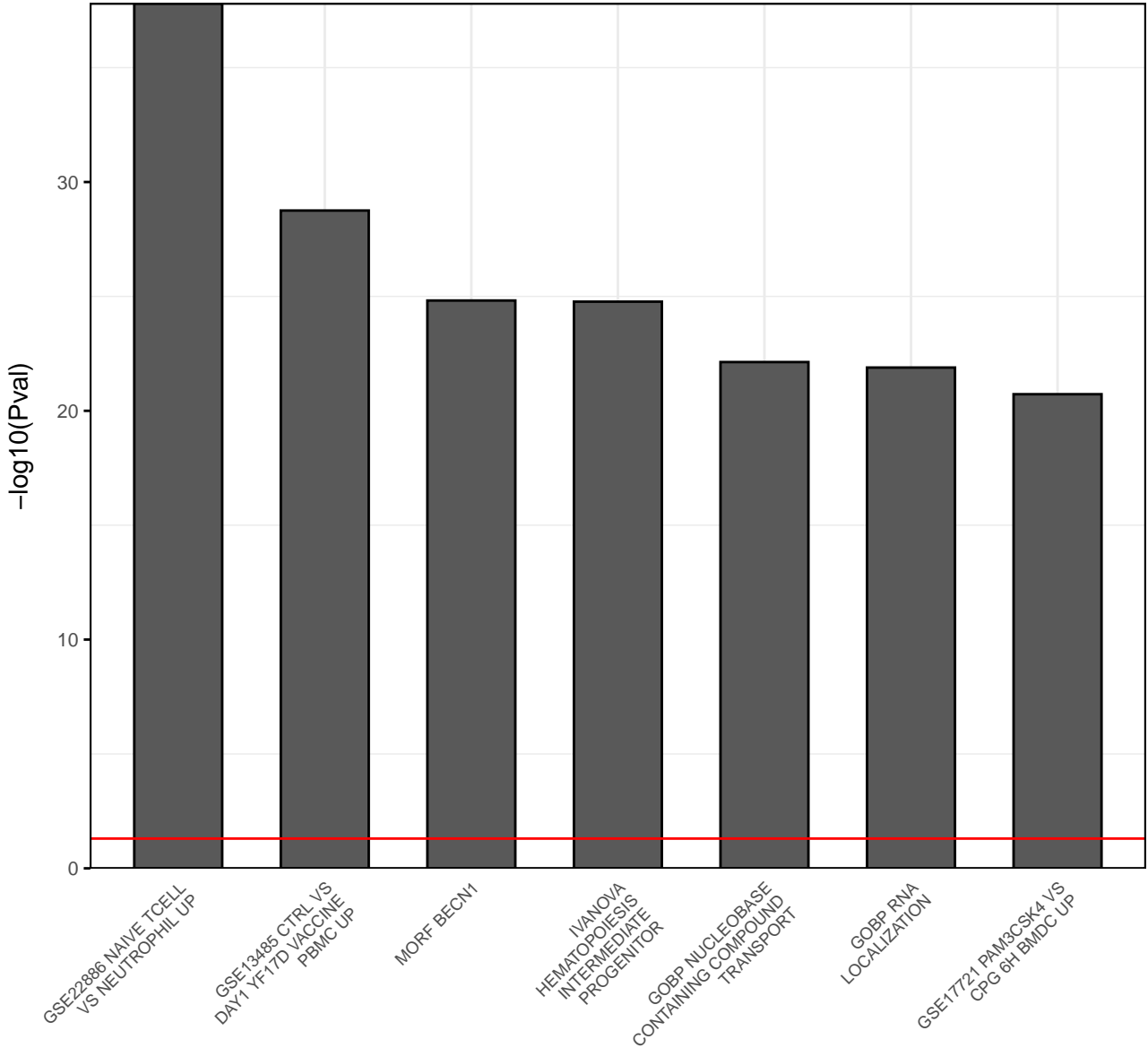


turquoise module
Top 100 by kME
Bicor-None_signum0.577_minSize12_merge_ME_0.85_18566

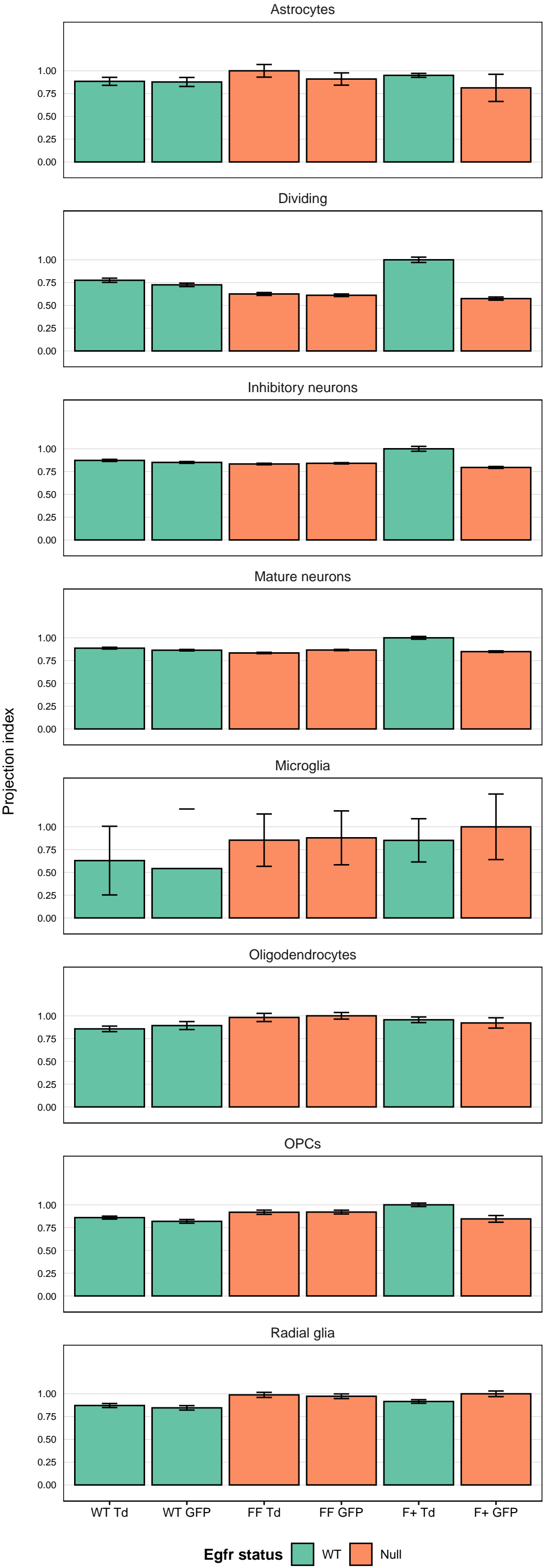


Top genes by kME

Dut
Selenoh
Hspa5
Ldha
Cadps
Brip1os
Oat
Eda
Adcy8
Mpzl1
Grid1
Arl6ip1
Cxadr
Gabrg2
Add3
Nell2
Grm7
Psap
Svop
Kcnk2

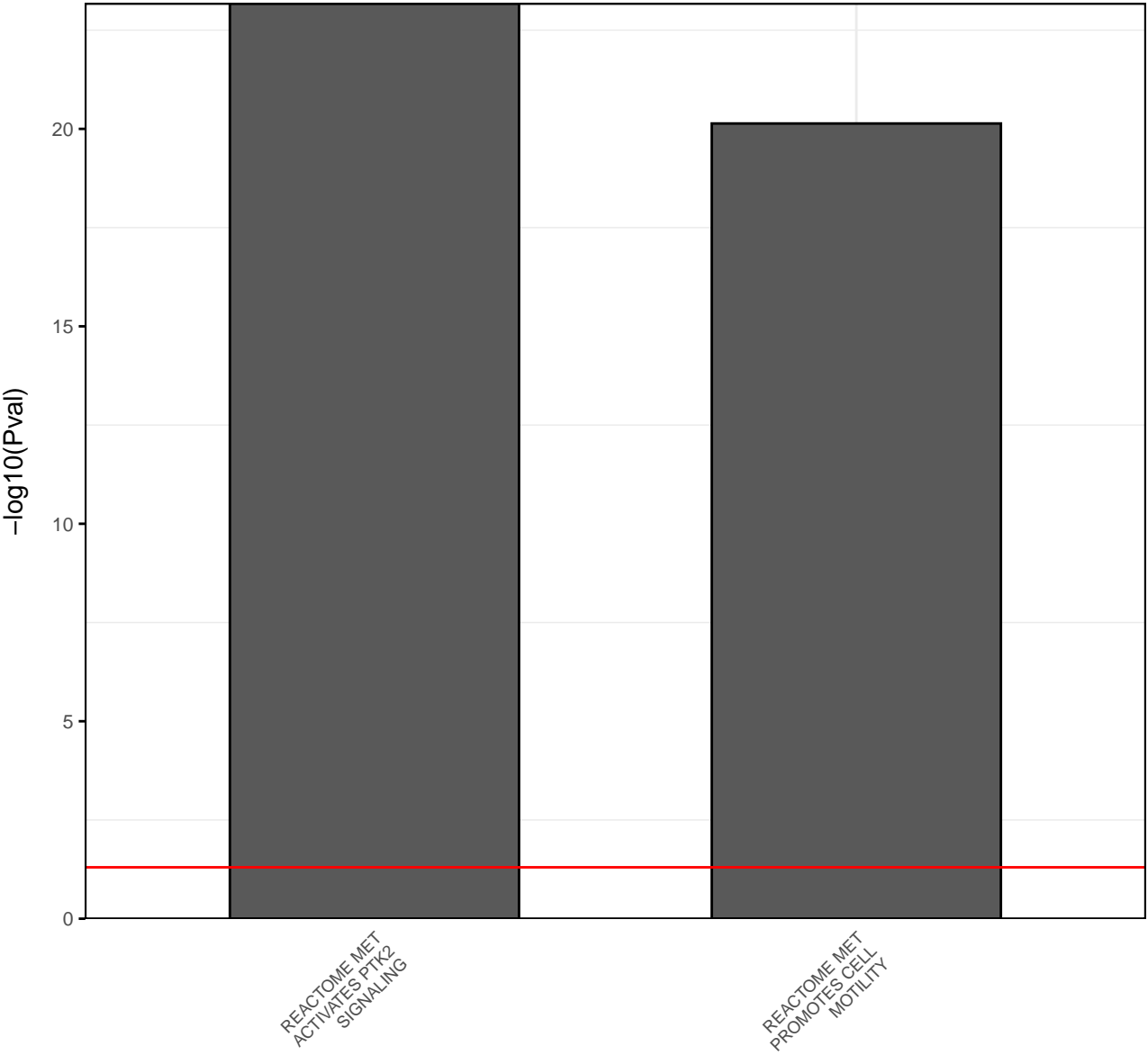


blue module
Top 100 by kME
Bicor-None_signum0.577_minSize12_merge_ME_0.85_18566

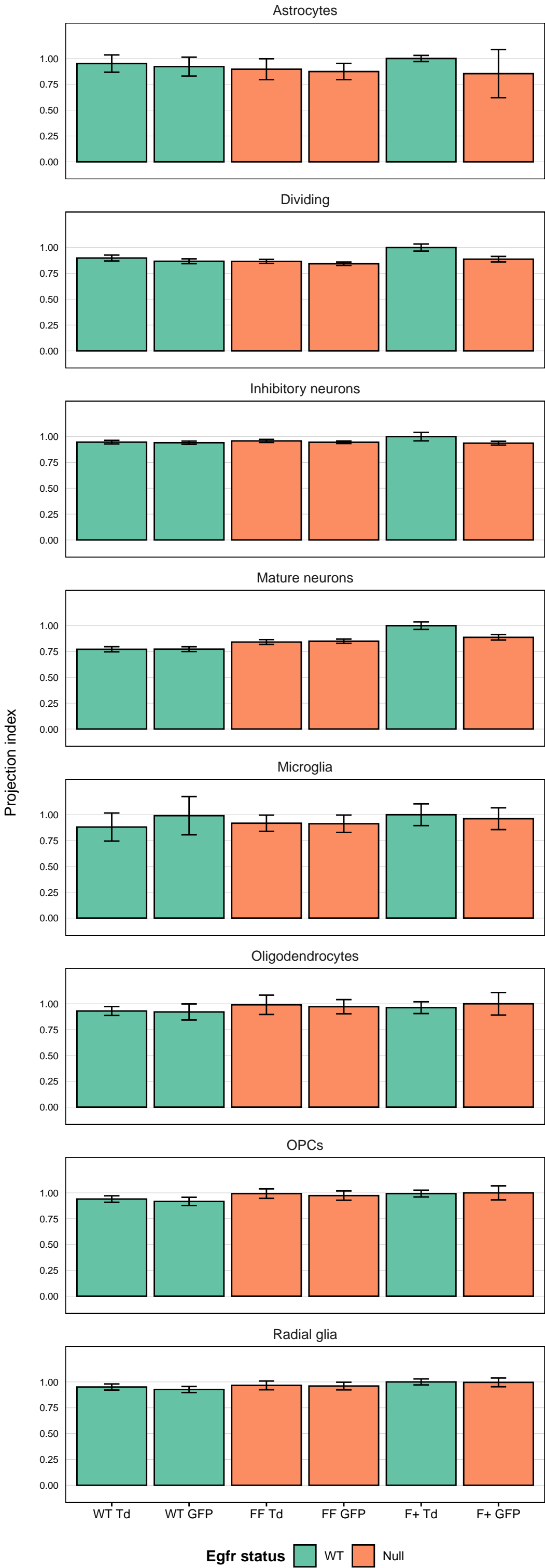


Top genes by kME

Fbn2
Eva1c
Hhip
Cacna1e
Ror1
Kcnb2
Dab2
Bicc1
Csmd1
Fbxl7
Ctsc
Zfhx4
Mrc1
Zic1
Adamts9
Socs3
Utrn
Adam12
Creb5
Mmp16

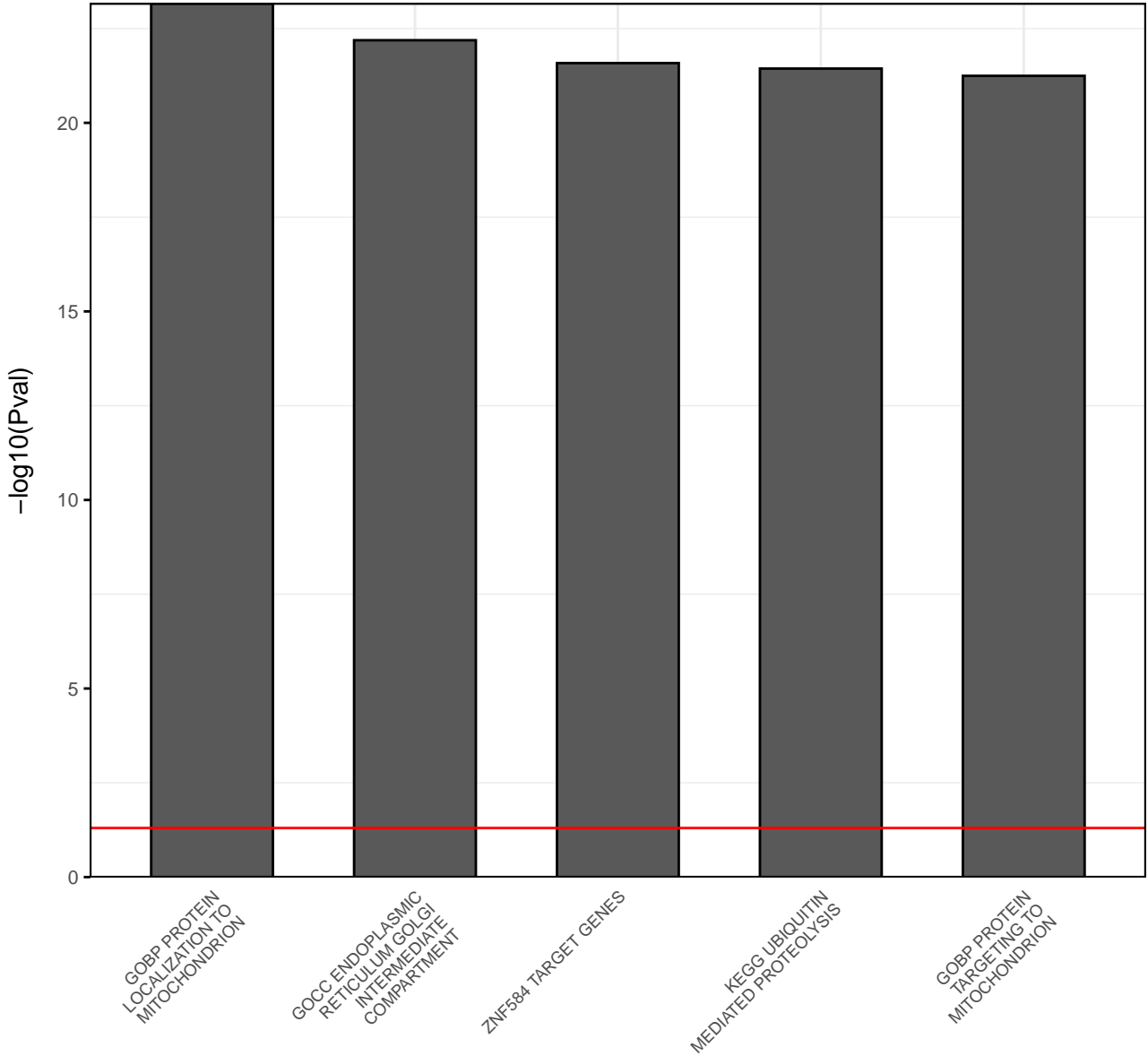


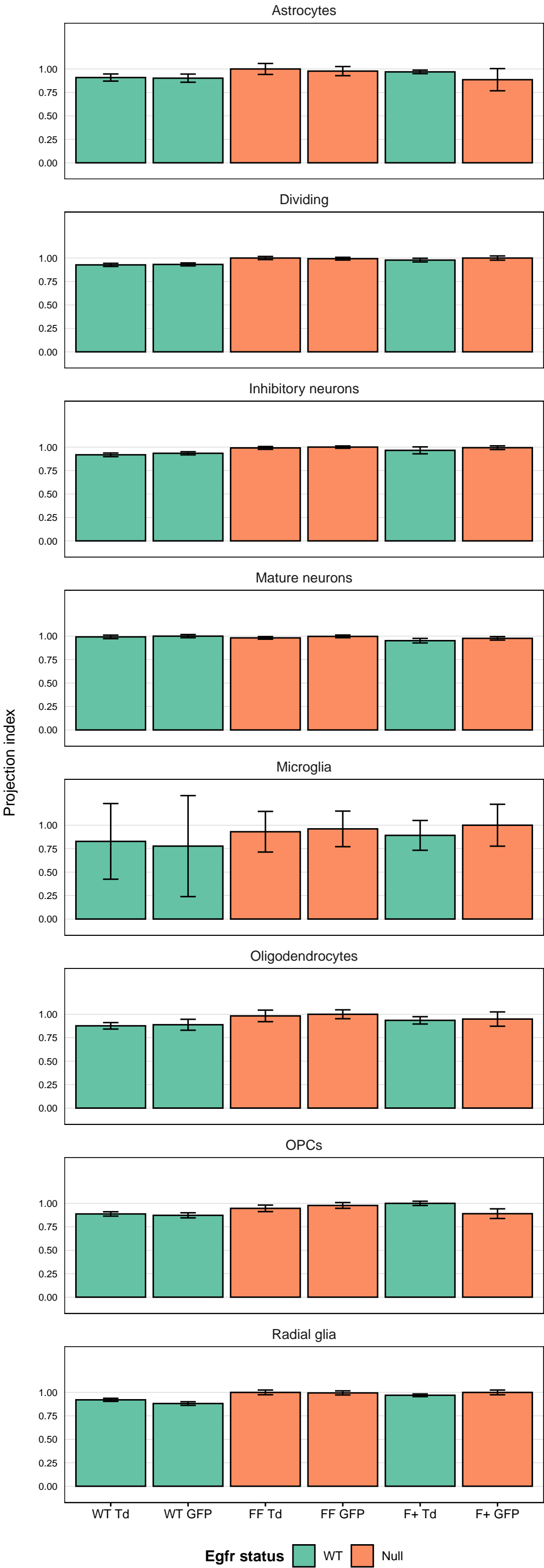
turquoise module
Top 100 by kME
Bicor-None_signum0.508_minSize12_merge_ME_0.85_18566



Top genes by kME

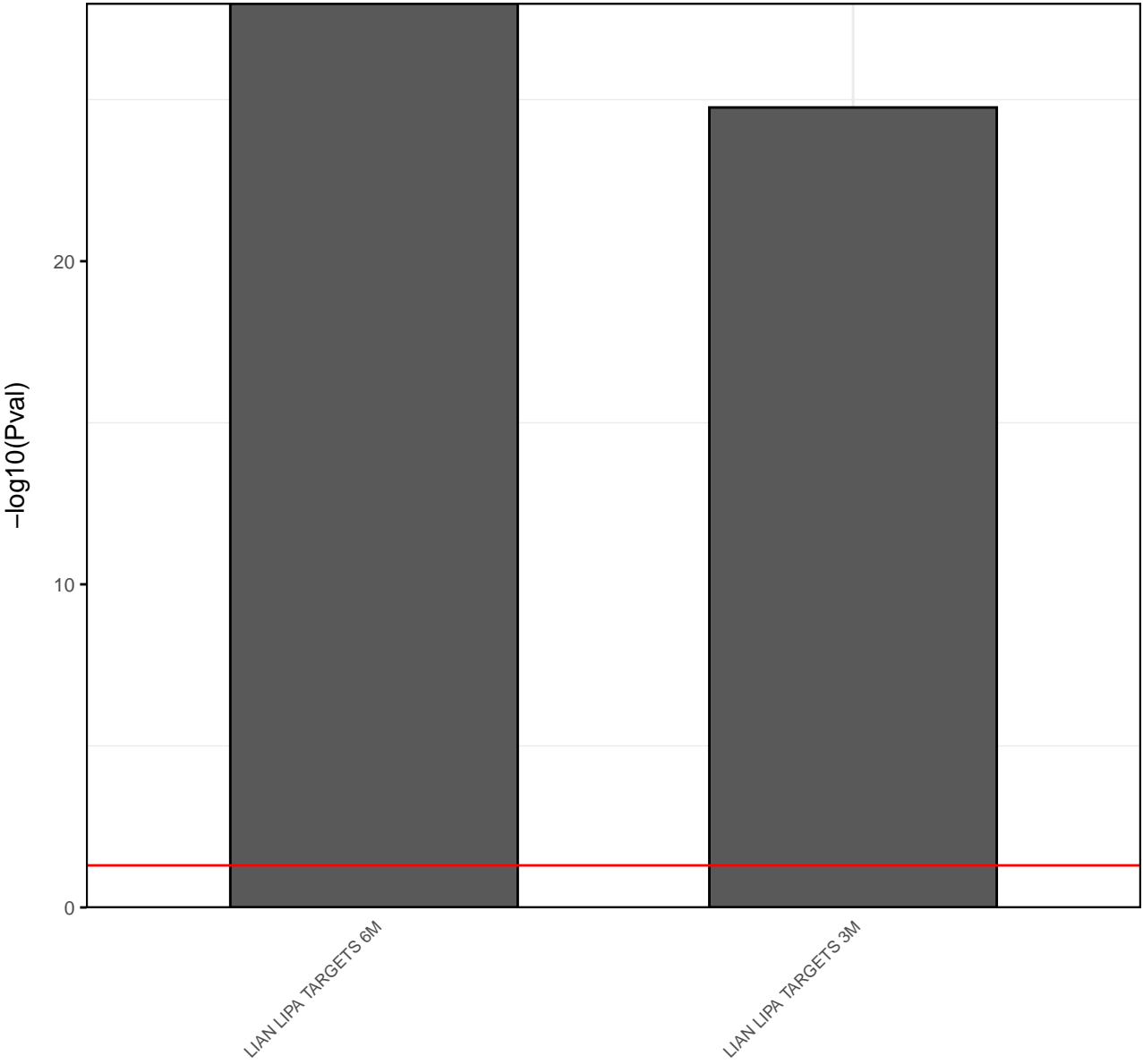
Dut
Selenoh
Hspa5
Brip1os
Cadps
Ldha
Oat
Eda
Adcy8
Mpzl1
Grid1
Arl6ip1
Cxadr
Gabrg2
Add3
Svop
Kcnk2
Nell2
Psap
Grm7



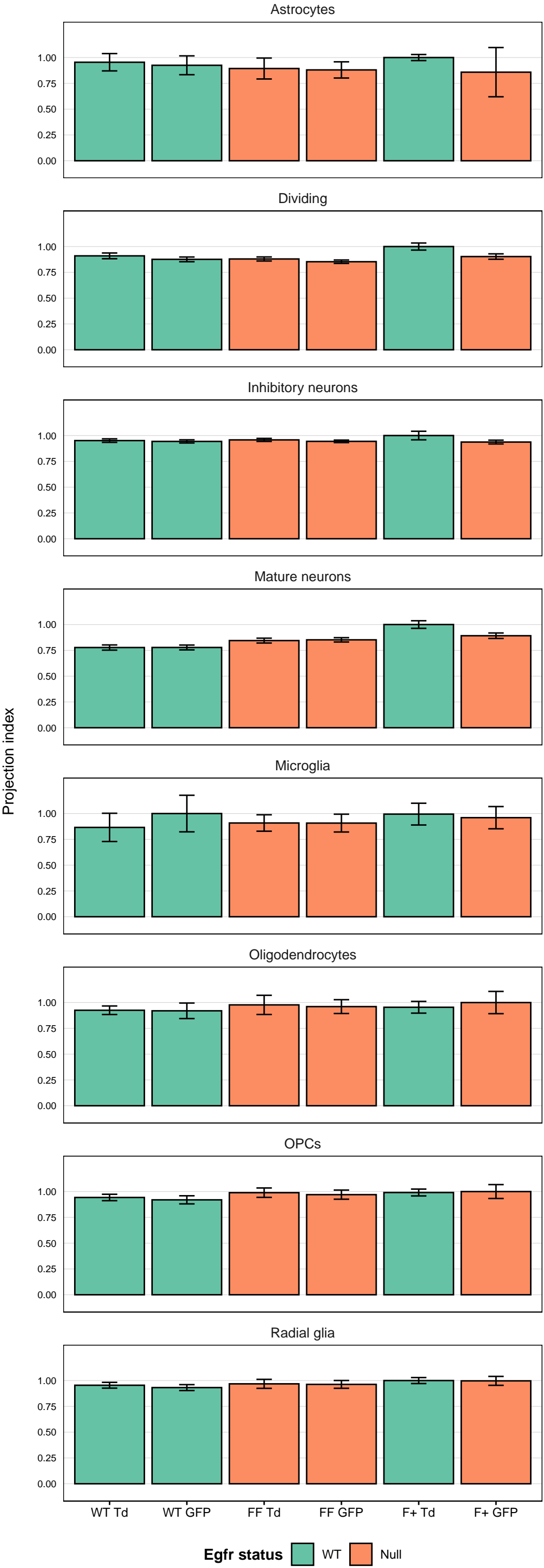


Top genes by kME

C1qb
Dock2
Fyb
Ctss
Fcer1g
Cx3cr1
Cyba
Dach2
A230057D06Rik
Adgre1
Aif1
Spi1
Lyz2
Hdac9
Ly86
Laptm5
Nfkbiz
Lgm
Cemip2
Lrmda

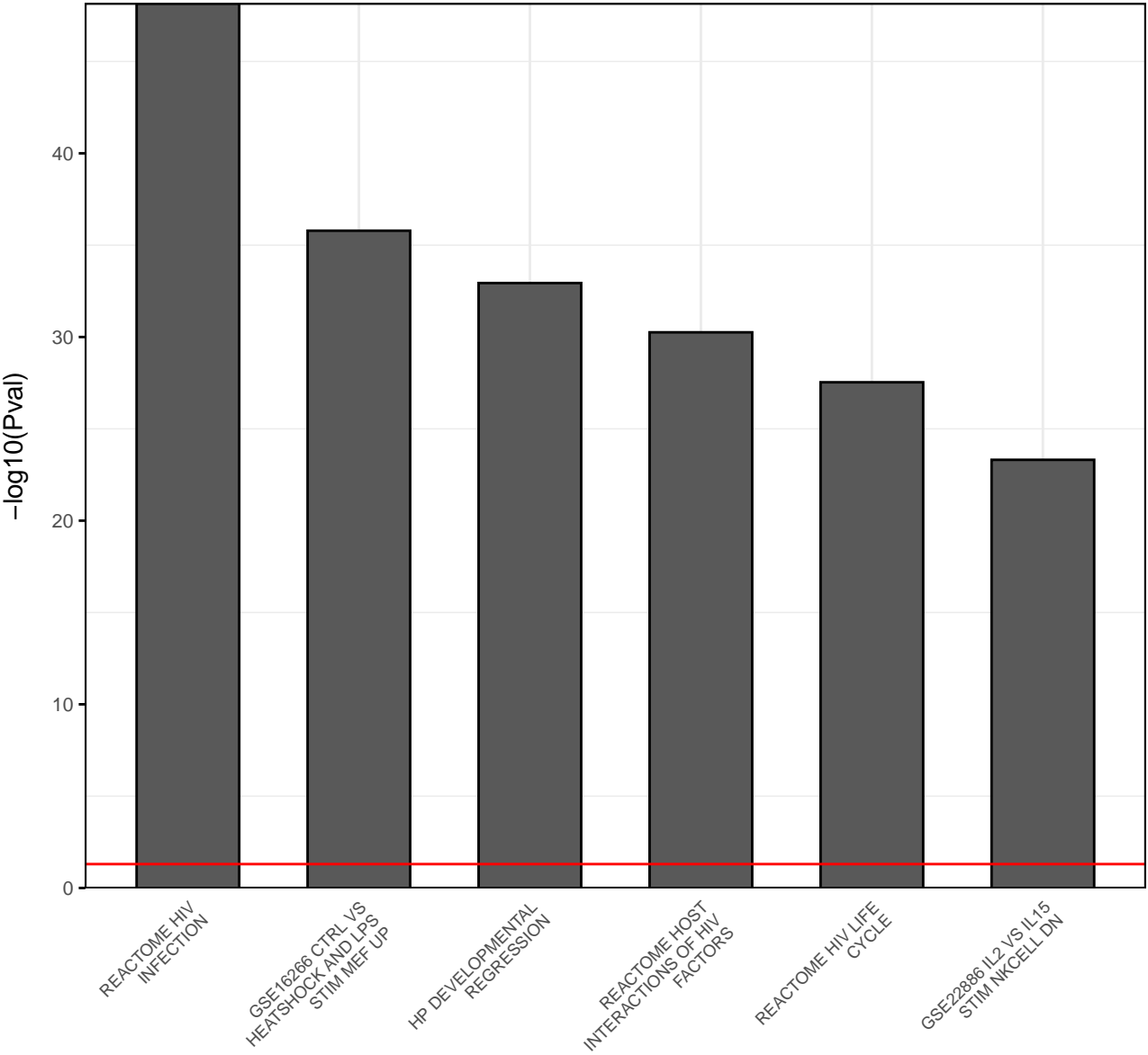


turquoise module
Top 100 by kME
Bicor-None_signum0.69_minSize12_merge_ME_0.85_18566

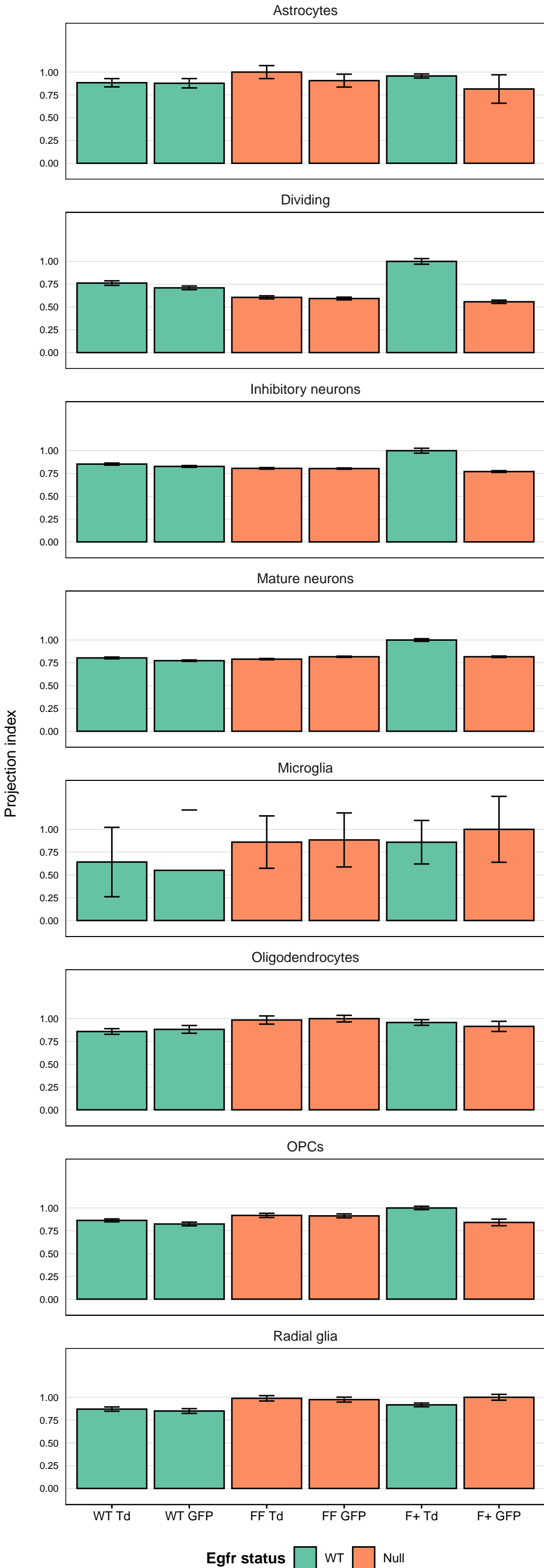


Top genes by kME

Dut
Selenoh
Ldha
Cadps
Oat
Hspa5
Eda
Adcy8
Grid1
Brip1os
Mpzl1
Gabrg2
Nell2
Arl6ip1
Ctnna2
Actr3b
Tubb2b
Uchl1
Add3
Grm7

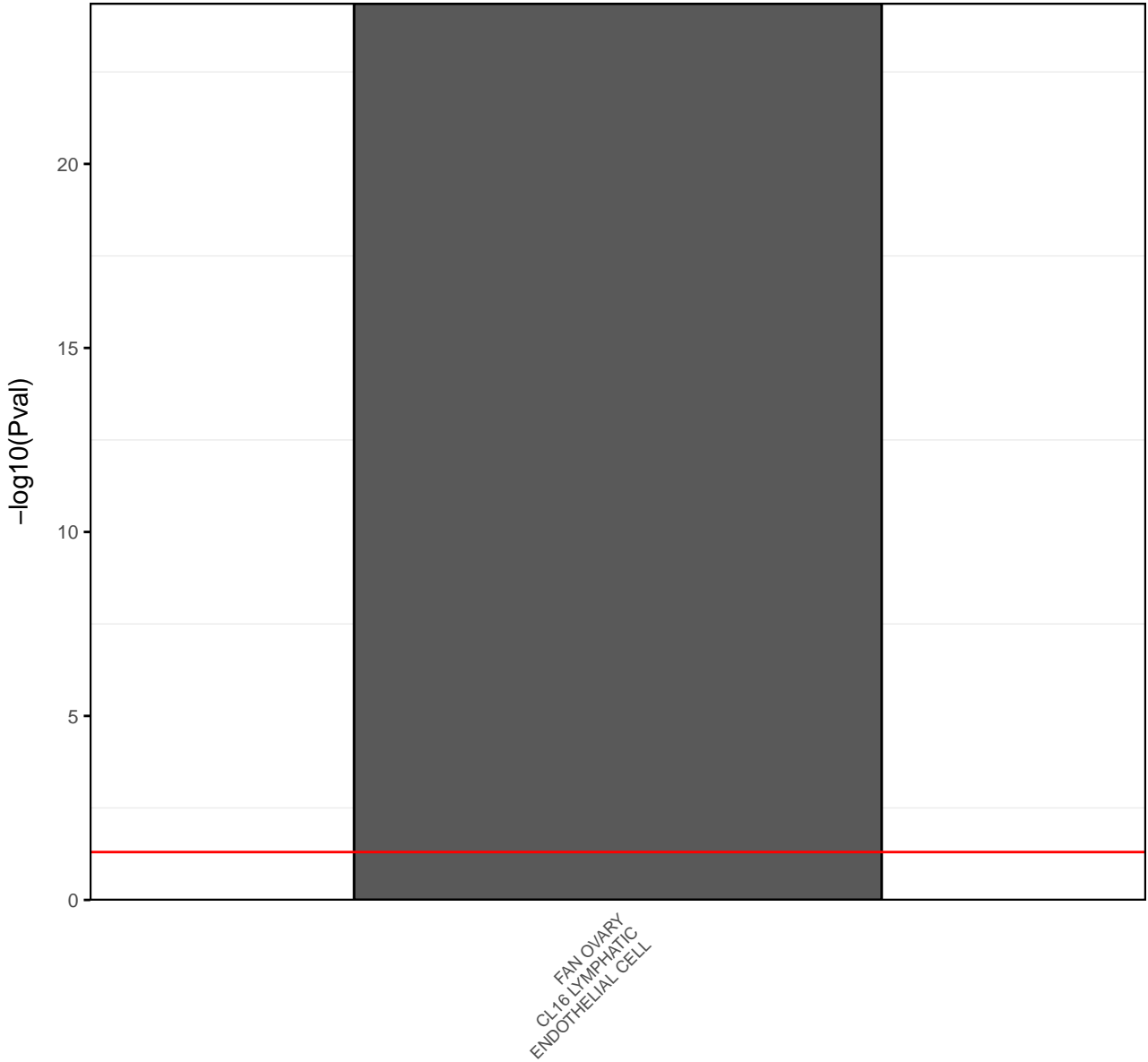


brown module
Top 100 by kME
Bicor-None_signum0.577_minSize15_merge_ME_0.85_18566

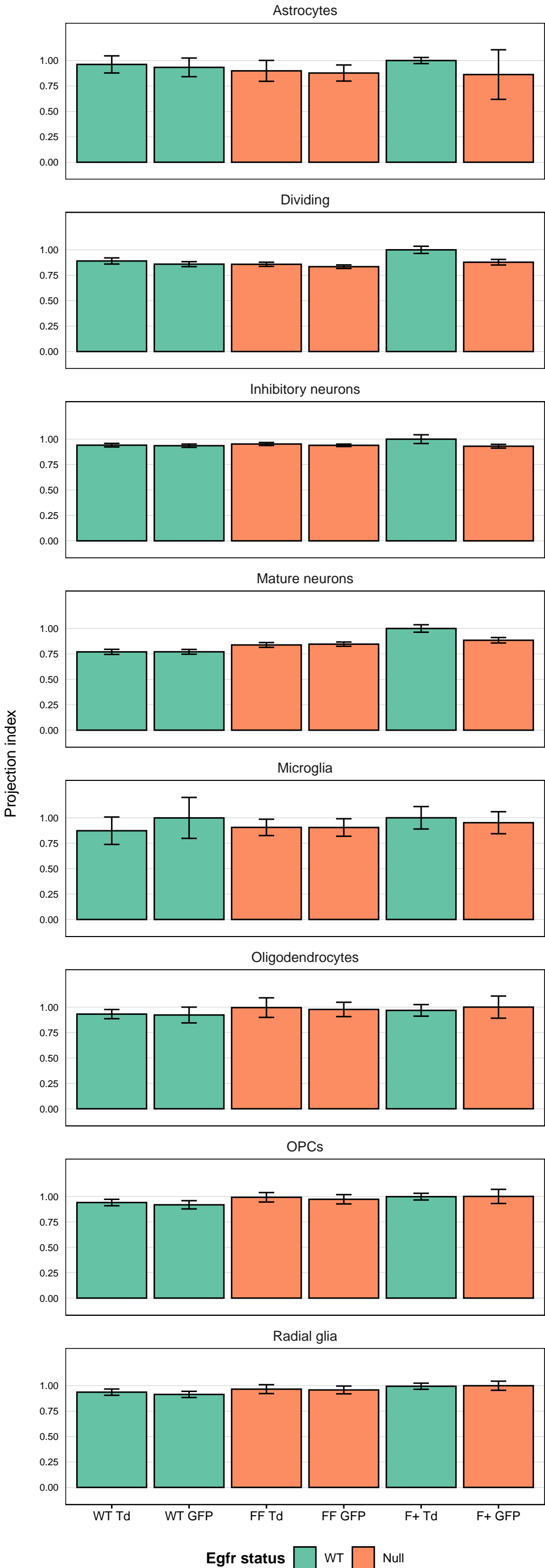


Top genes by kME

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

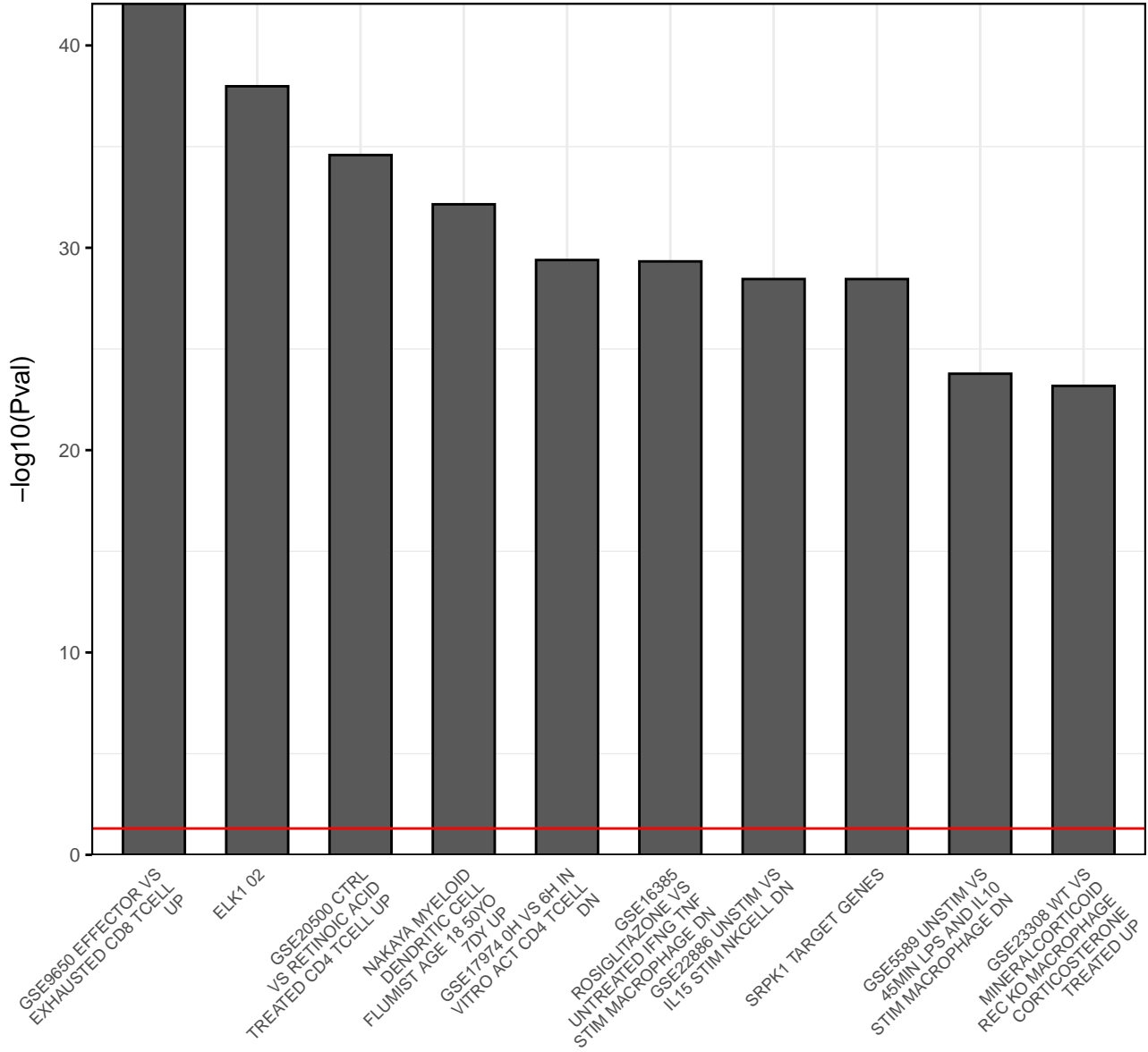


turquoise module
Top 100 by kME
Bicor-None_signum0.577_minSize15_merge_ME_0.85_18566

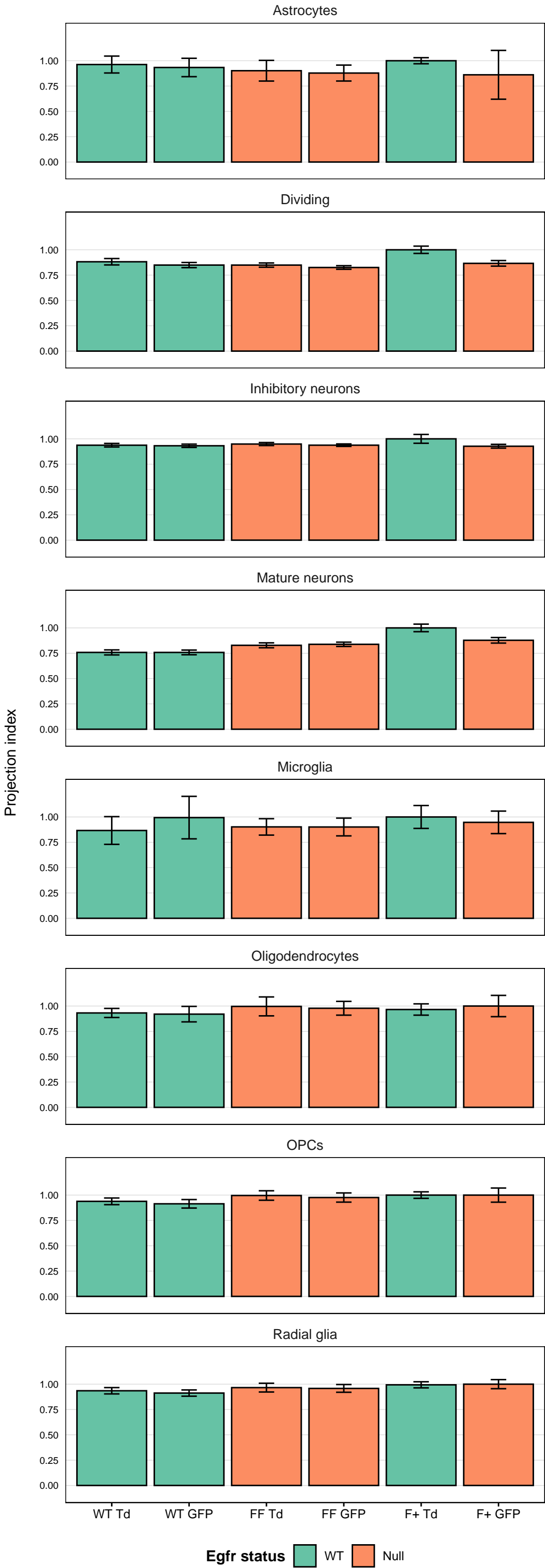


Top genes by kME

Kcnq1ot1
Gm26871
Tenm1
Ifitm3
Lncpint
Thsd4
Lgals3
Atf3
A330076H08Rik
Etv6
A230057D06Rik
Spi1
Ly86
Ctsc
Srgn
Mir100hg
Hhip
Zfhx4
Xkr4
Lmo4

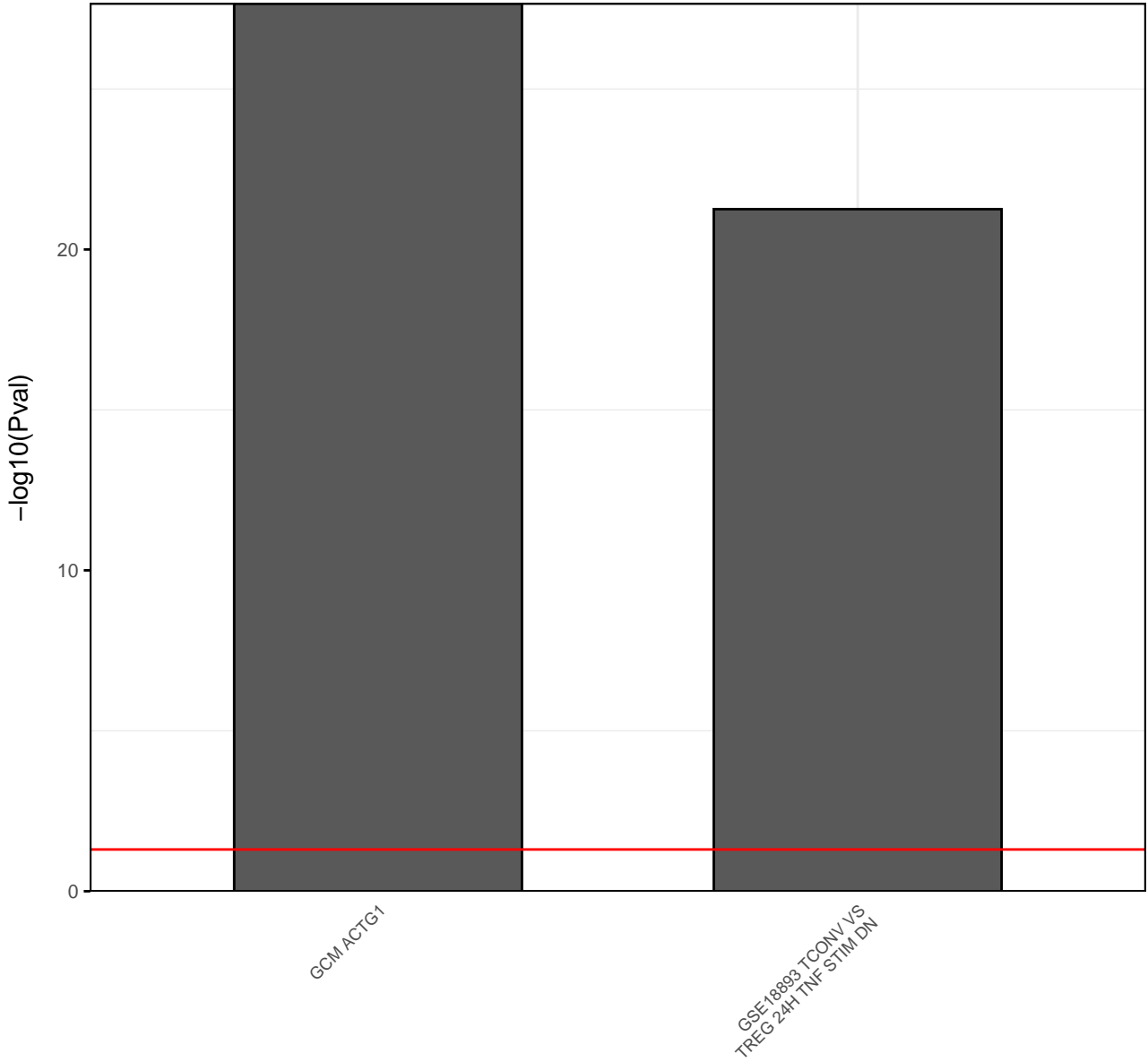


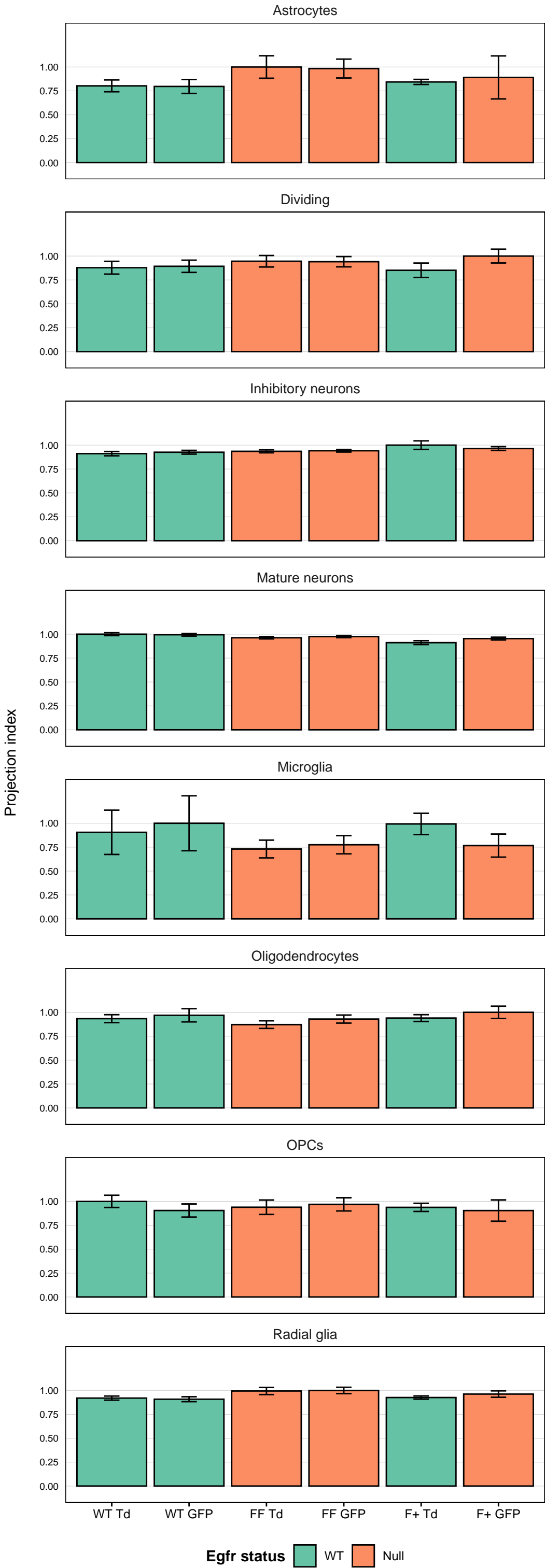
turquoise module
Top 100 by kME
Bicor-None_signum0.551_minSize15_merge_ME_0.85_18566



Top genes by kME

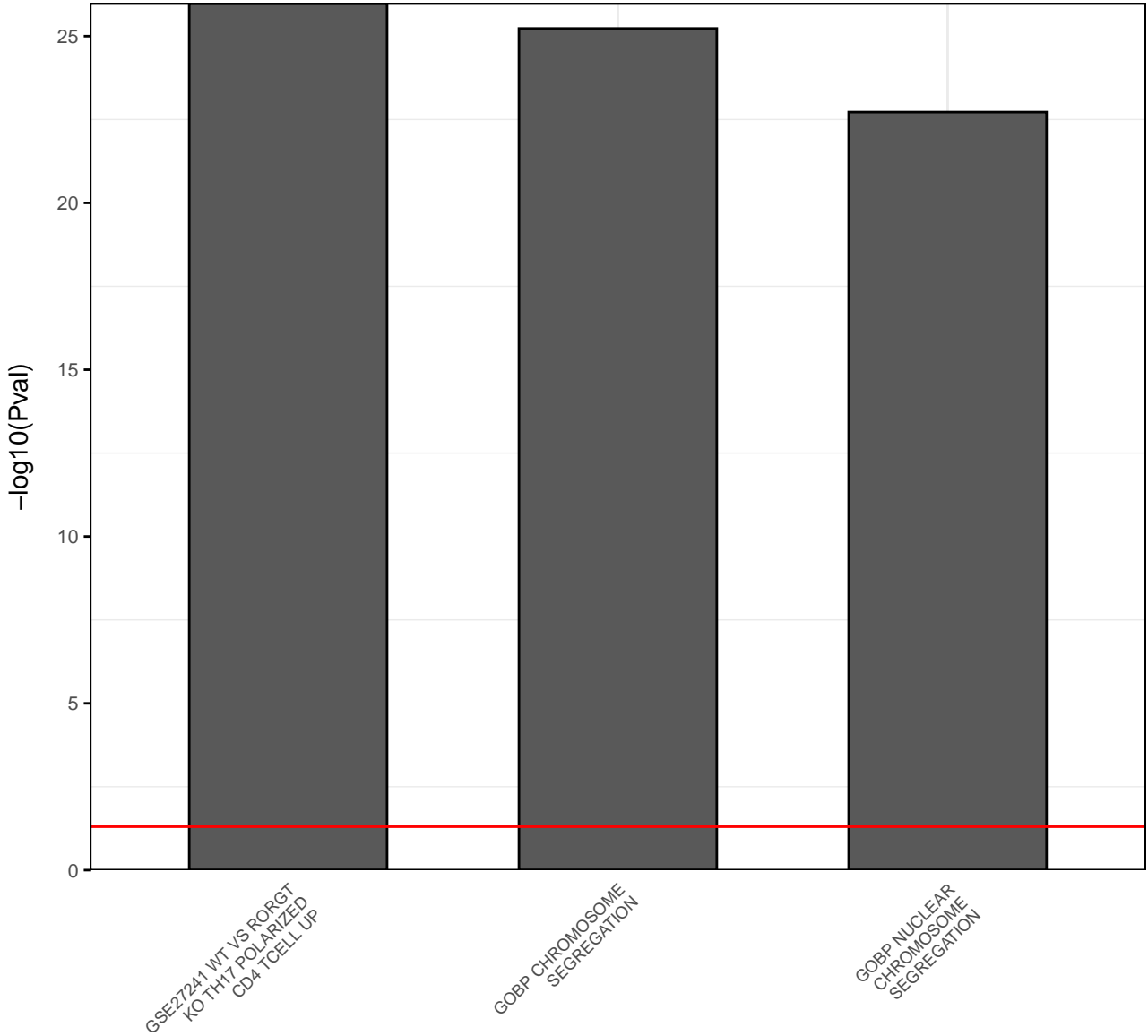
Rarb
Pde7b
Frem2
Pde10a
Ntn1
Ebf1
Dach1
1700025G04Rik
Vstm2b
Caln1
Foxp2
Meis1
Gm35188
Camk2n1
Rab27b
Rgs7bp
Gpr158
Zfp521
Ptprm
Galnt13



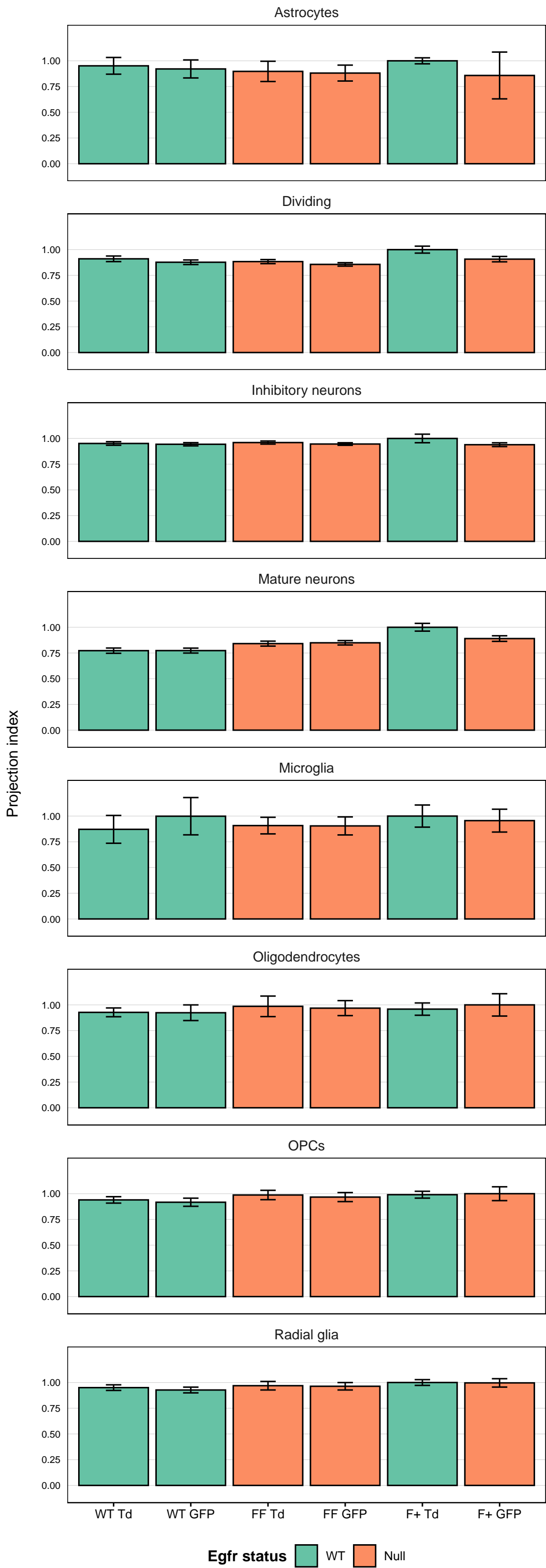


Top genes by kME

Neil3
Ect2
Bub1b
Ccnb1
Ncapg2
Smc2
Dhfr
Cdca2
Top2a
Pbk
Tacc3
Bub1
Ncapd2
Racgap1
Tpmo
Kn11
Brca1
Nuf2
Gas2l3
Aurka

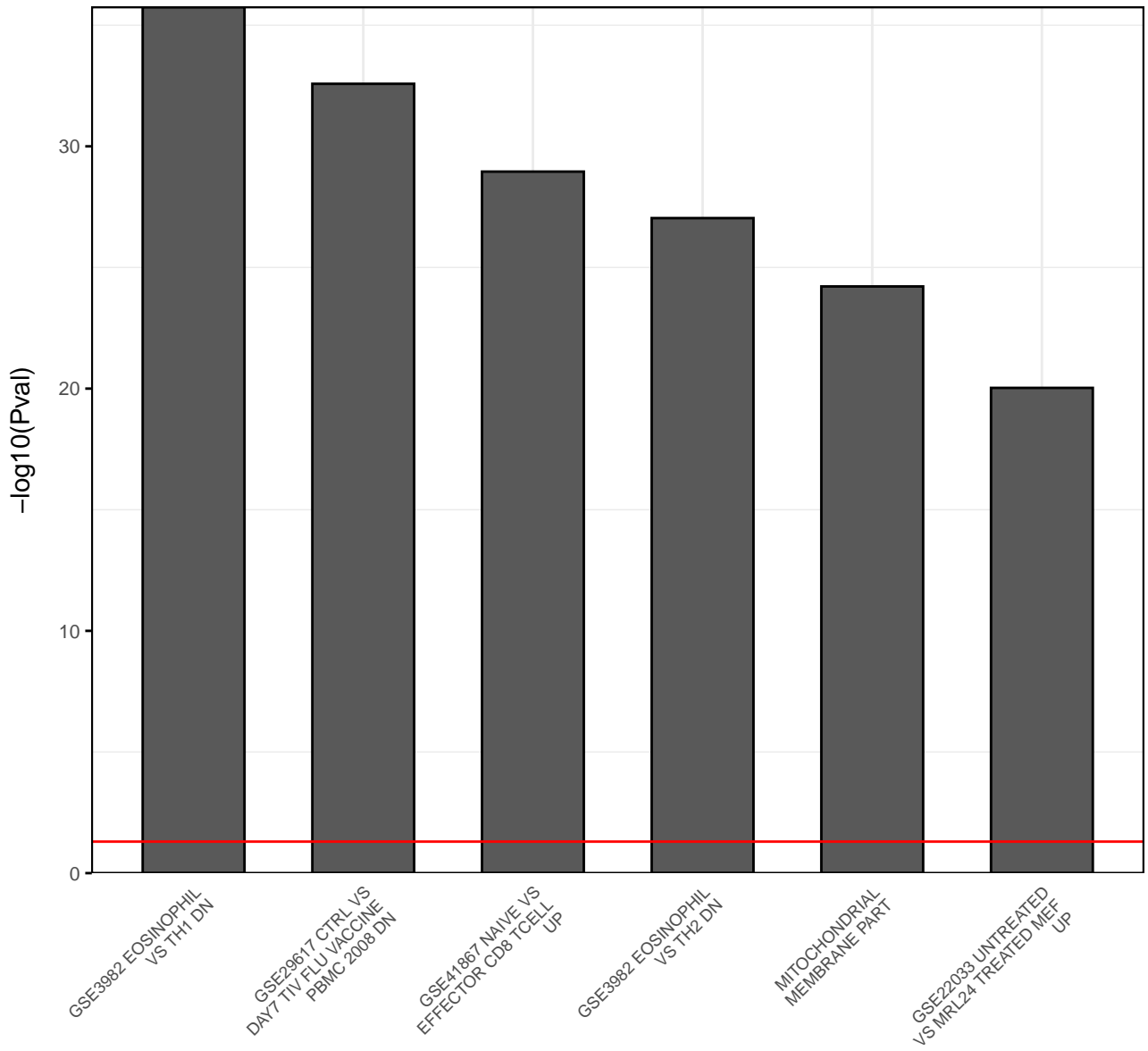


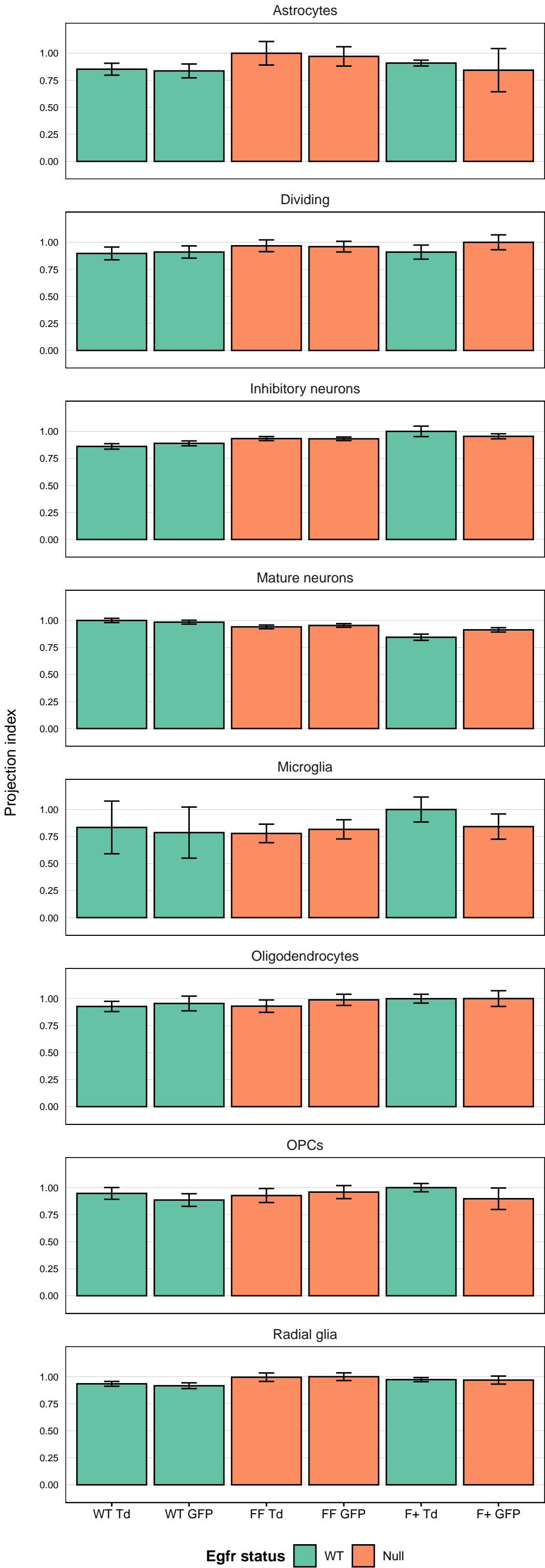
turquoise module
Top 100 by kME
Bicor-None_signum0.69_minSize8_merge_ME_0.85_18566



Top genes by kME

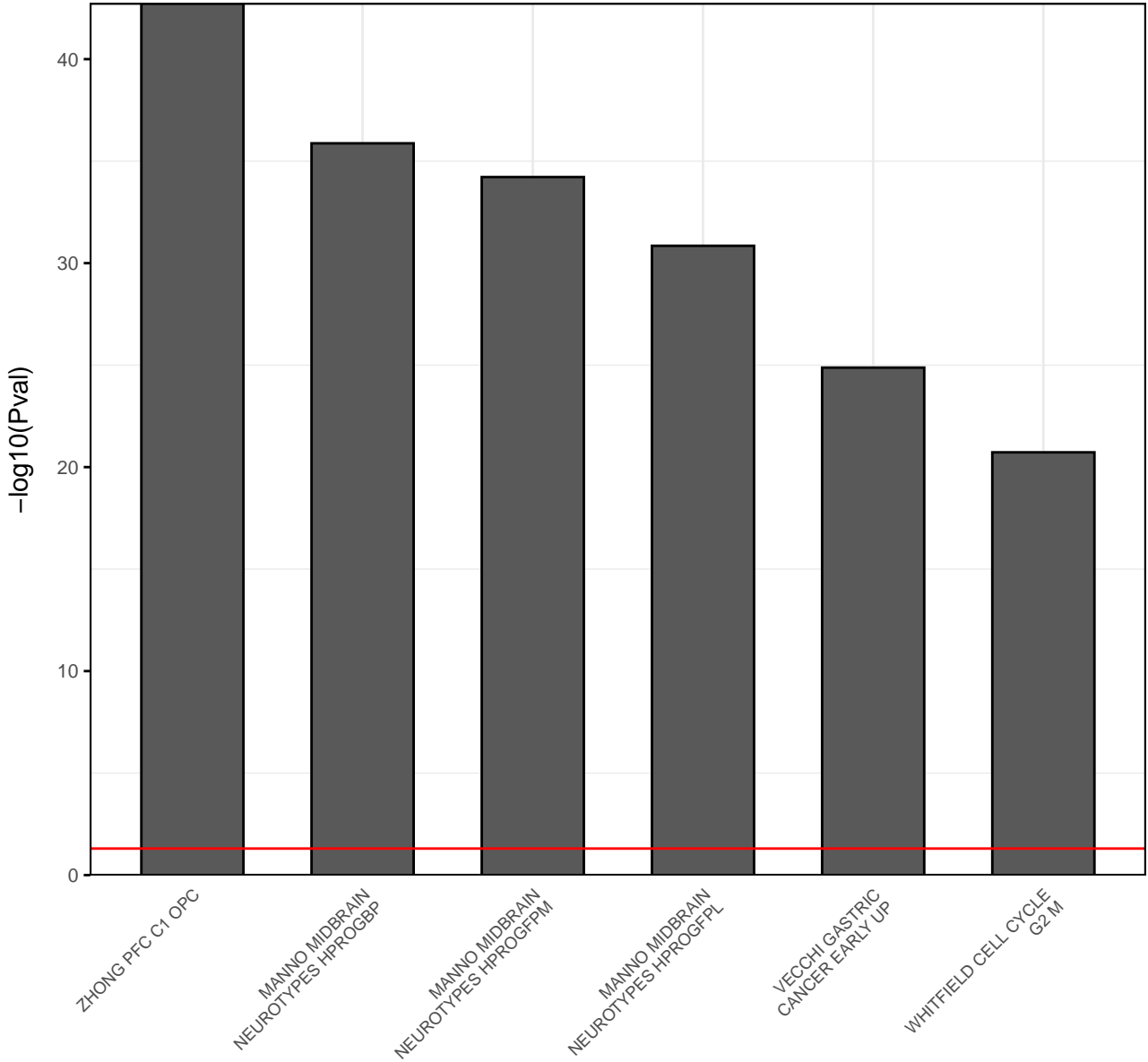
Dut
Selenoh
Cadps
Oat
Ldha
Hspa5
Eda
Adcy8
Brip1os
Grid1
Mpzl1
Gabrg2
Arl6ip1
Svop
Tubb2b
Uchl1
Cxadr
Actr3b
Ctnna2
Nell2



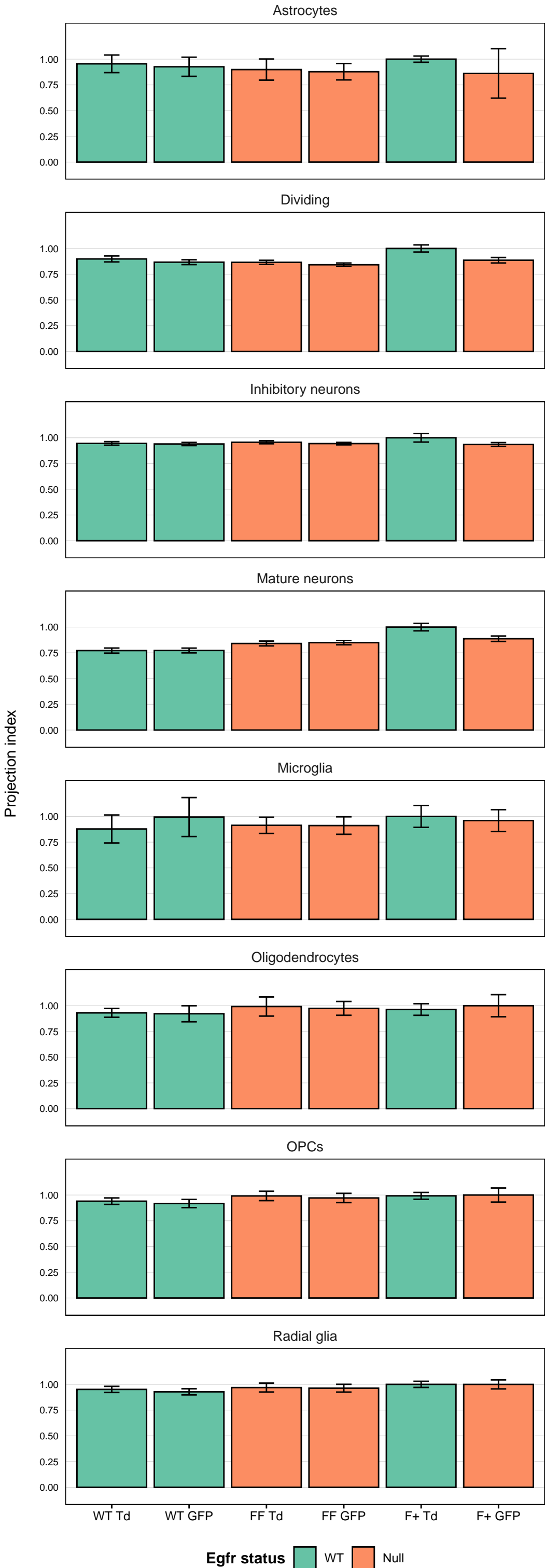


Top genes by kME

Bub1
Brca1
Gas2l3
Ect2
Top2a
Ncapd2
Dhfr
Ckap2
Bub1b
Nuf2
Ncapg2
Ccnb1
Pawr
Ccnd2
Anp32e
Ccna2
Kn1
Cdca2
Shroom3
Tacc3

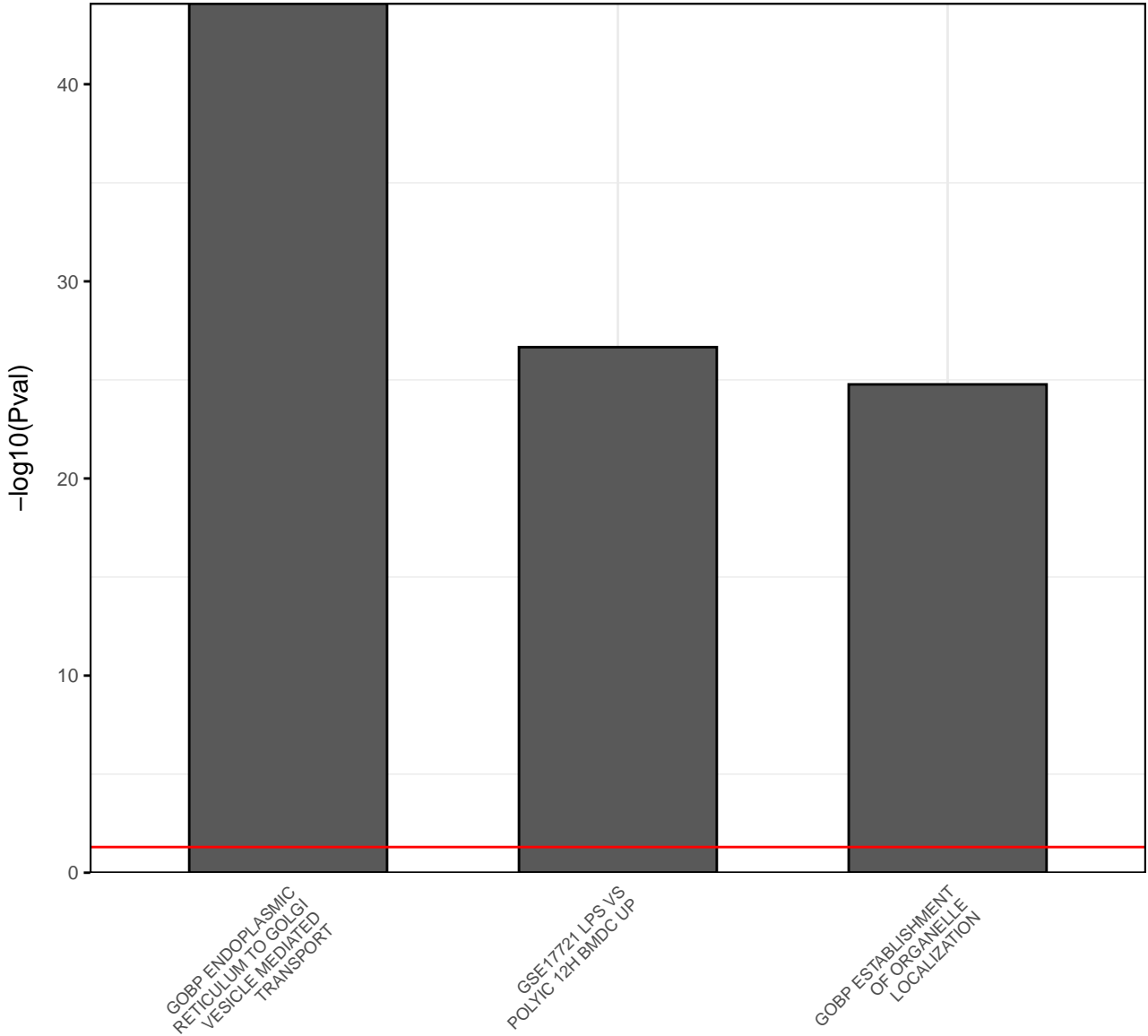


turquoise module
Top 100 by kME
Bicor-None_signum0.643_minSize10_merge_ME_0.85_18566



Top genes by kME

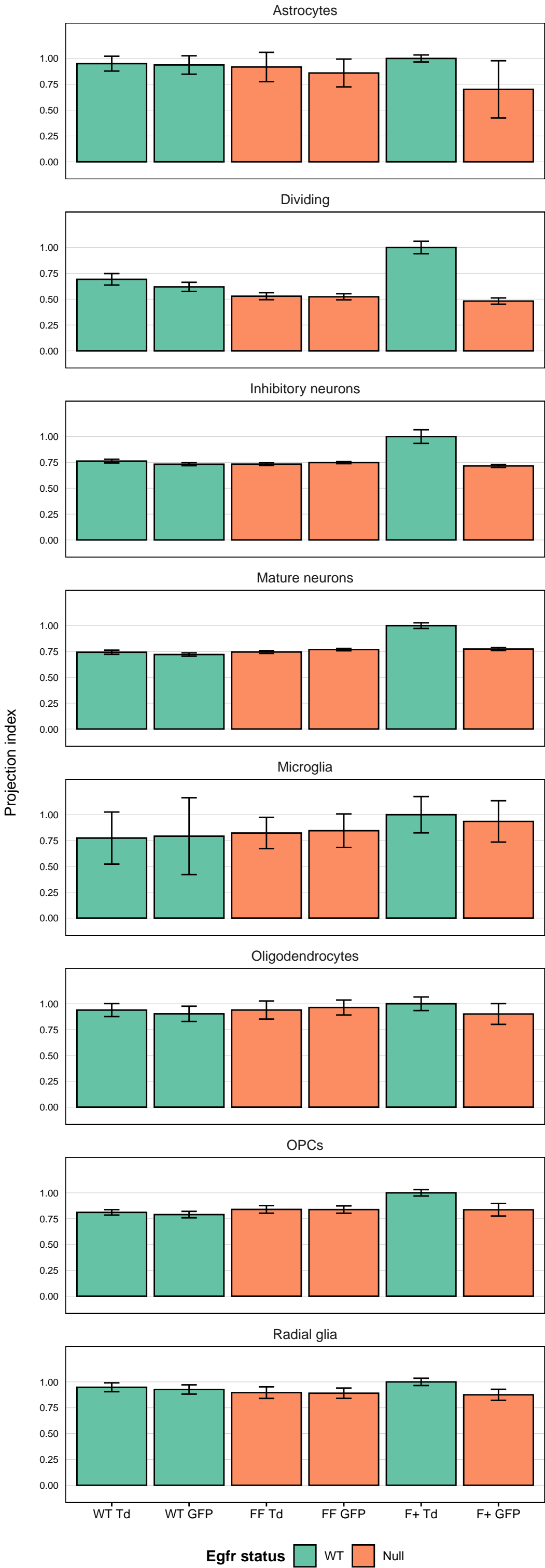
Nos1
Dock9
Tmem132b
Gab2
Epha4
Hecw1
Ttc28
Clstn2
Mdga1
Rbms1
Tnik
Ppm1l
Zfp462
Celf2
Milt3
4930555F03Rik
Unc13b
Trim2
Nectin3
Zbtb18



cyan module

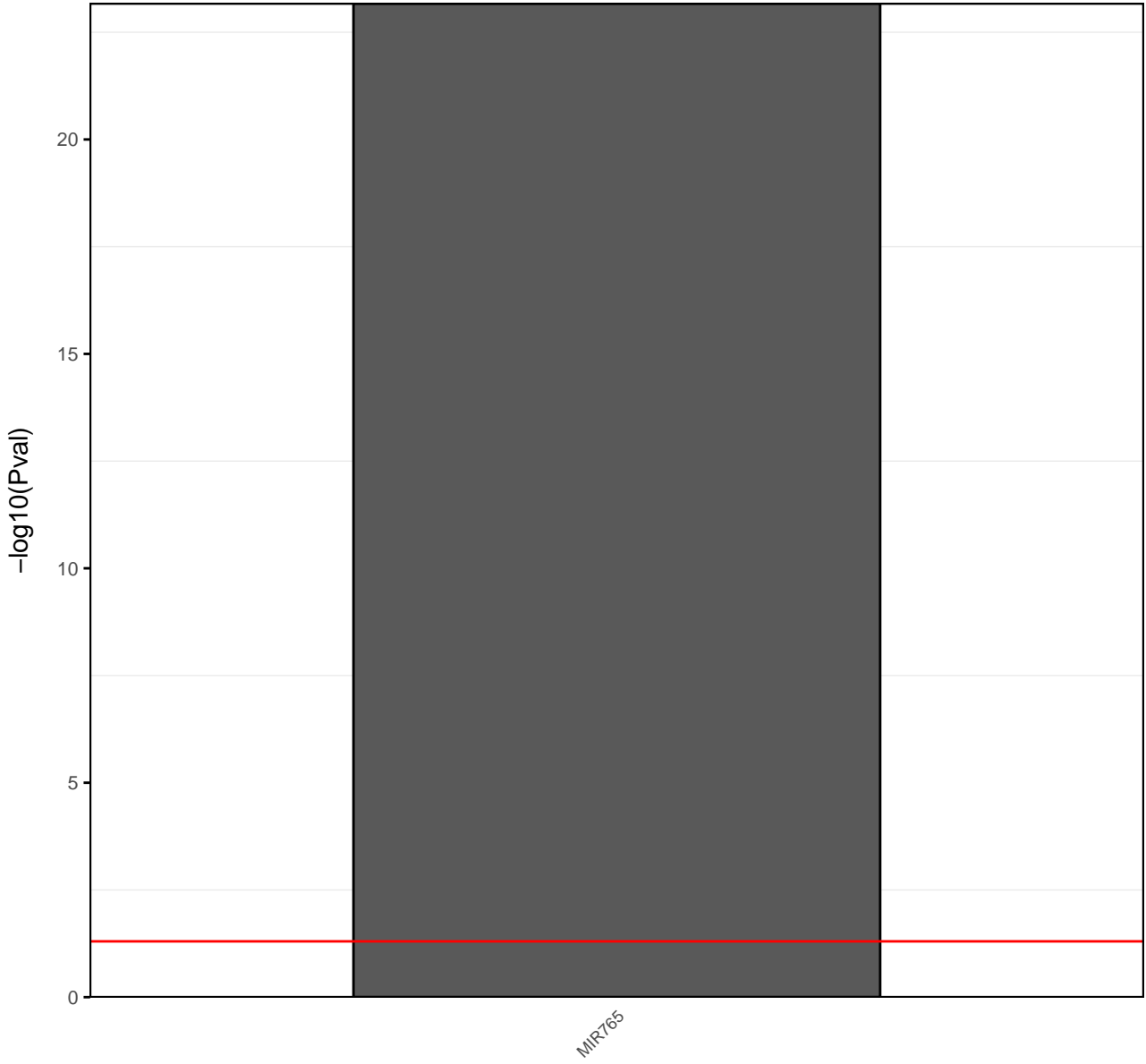
Top 100 by kME

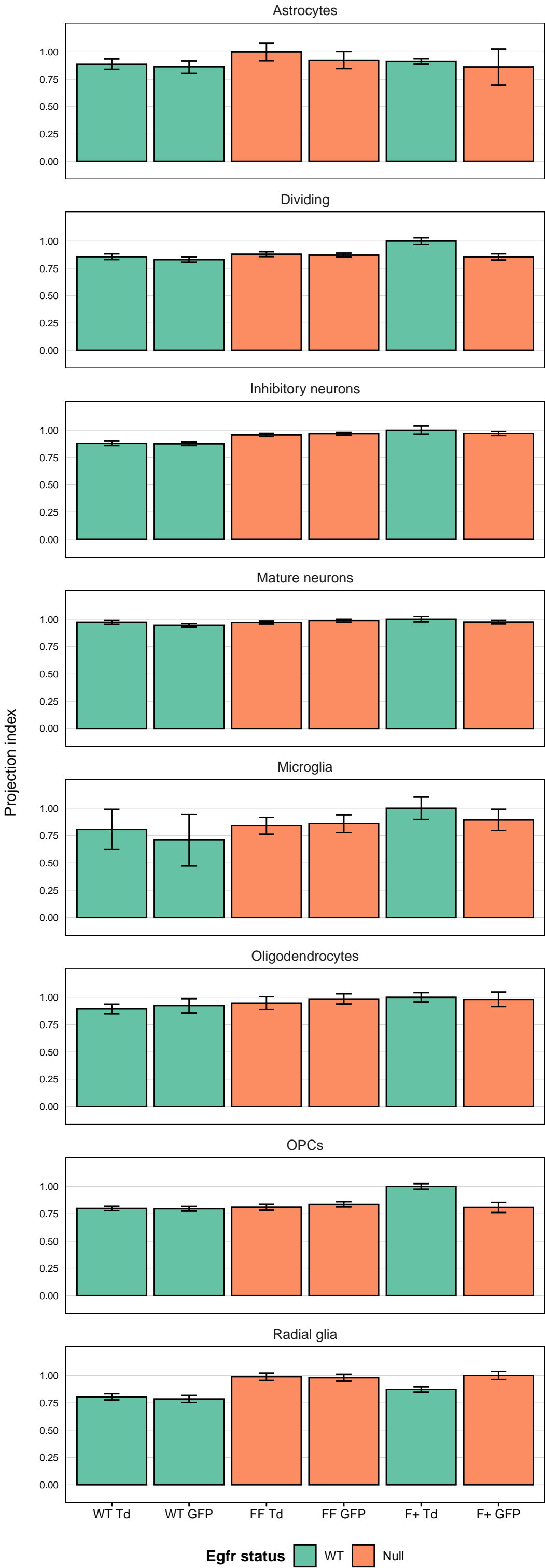
Bicor-None_signum0.529_minSize12_merge_ME_0.85_18566



Top genes by kME

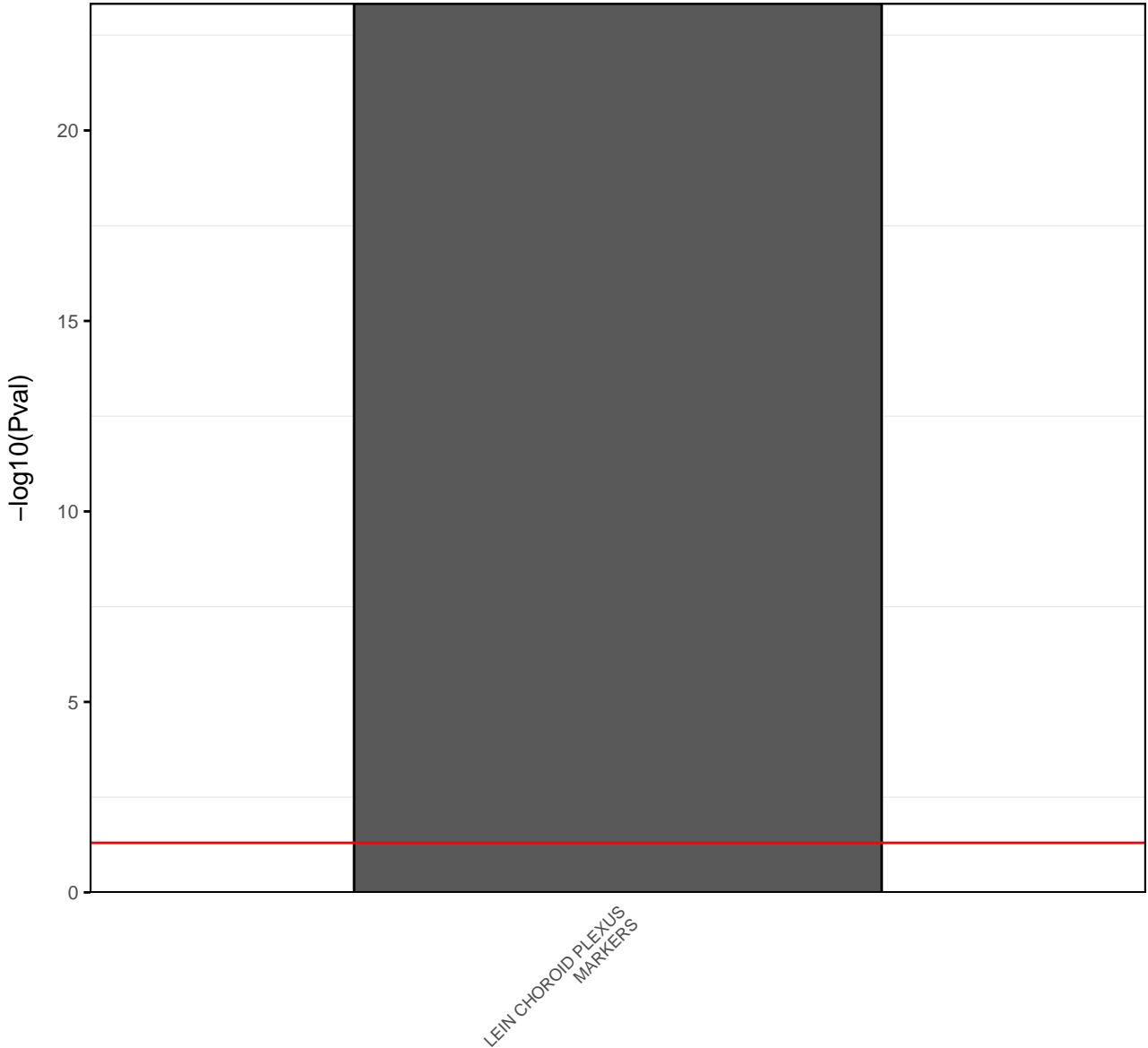
Sh3kbp1
Ranbp1
Mid1
Ccdc34
Ppp1r15a
Nedd4l
Neurod2
Ina
Basp1
Anp32b
Mlf1
Scg2
Shtn1
Eil2
Enkur
Stxbp6
Ppargc1a
Enox1
Clvs1
Chgb



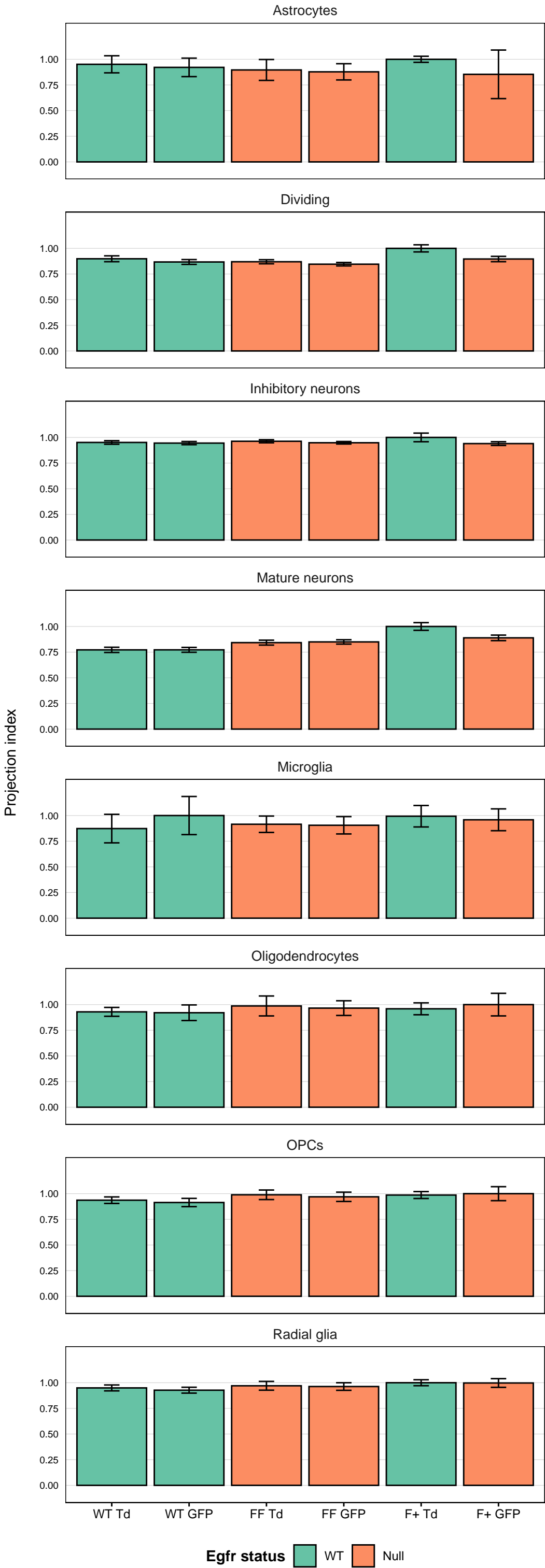


Top genes by kME

lqgap2
Mitf
Pappa
Mertk
Mt1
Slit2
Mt2
Otx2os1
Naaa
Cebpd
Zfp608
Fbln2
Pde1c
Megf11
Fndc3b
Prex2
Pip5k1b
Tshz1
Lhx9
Kif6

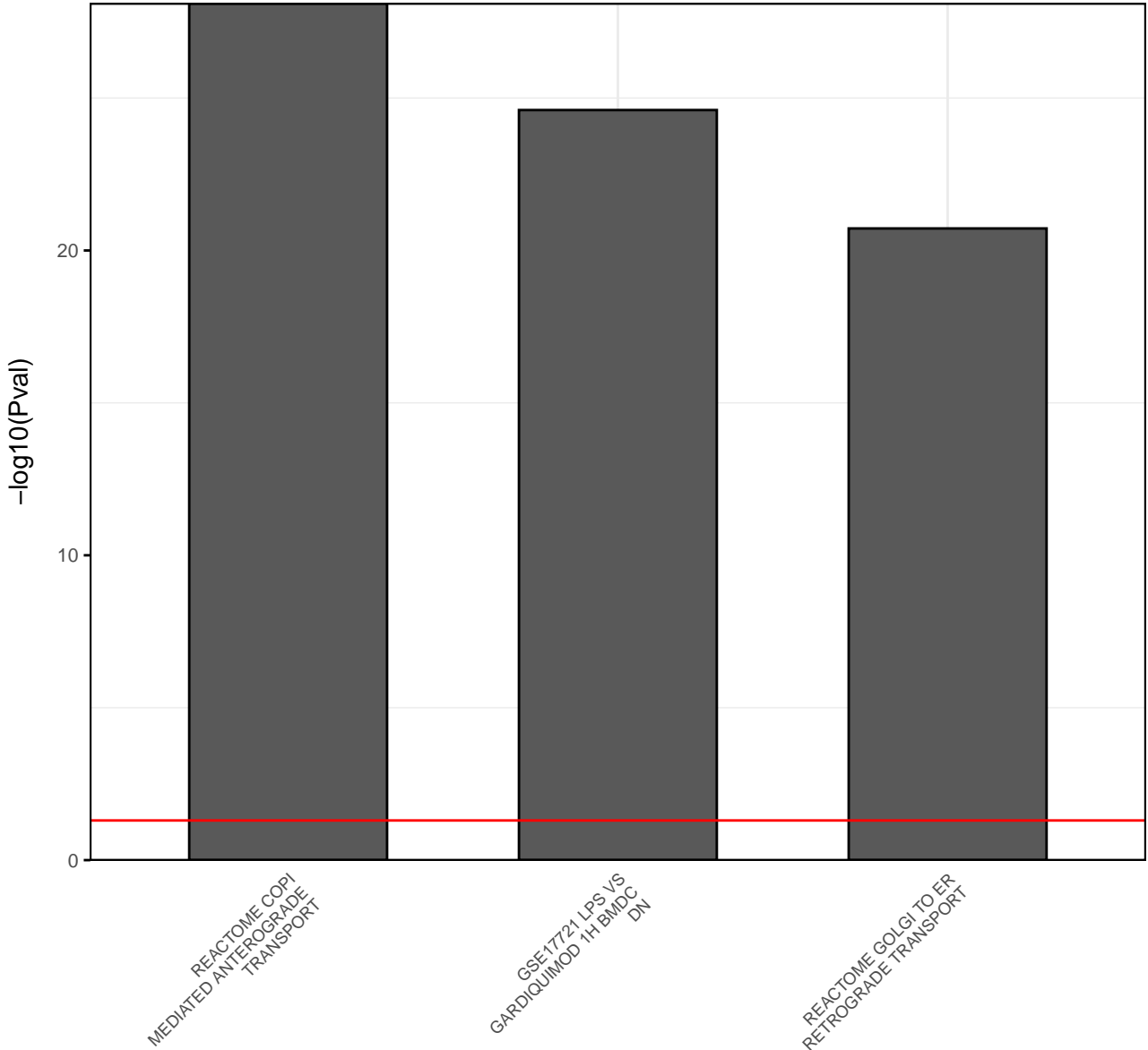


turquoise module
Top 100 by kME
Bicor-None_signum0.529_minSize12_merge_ME_0.85_18566



Top genes by kME

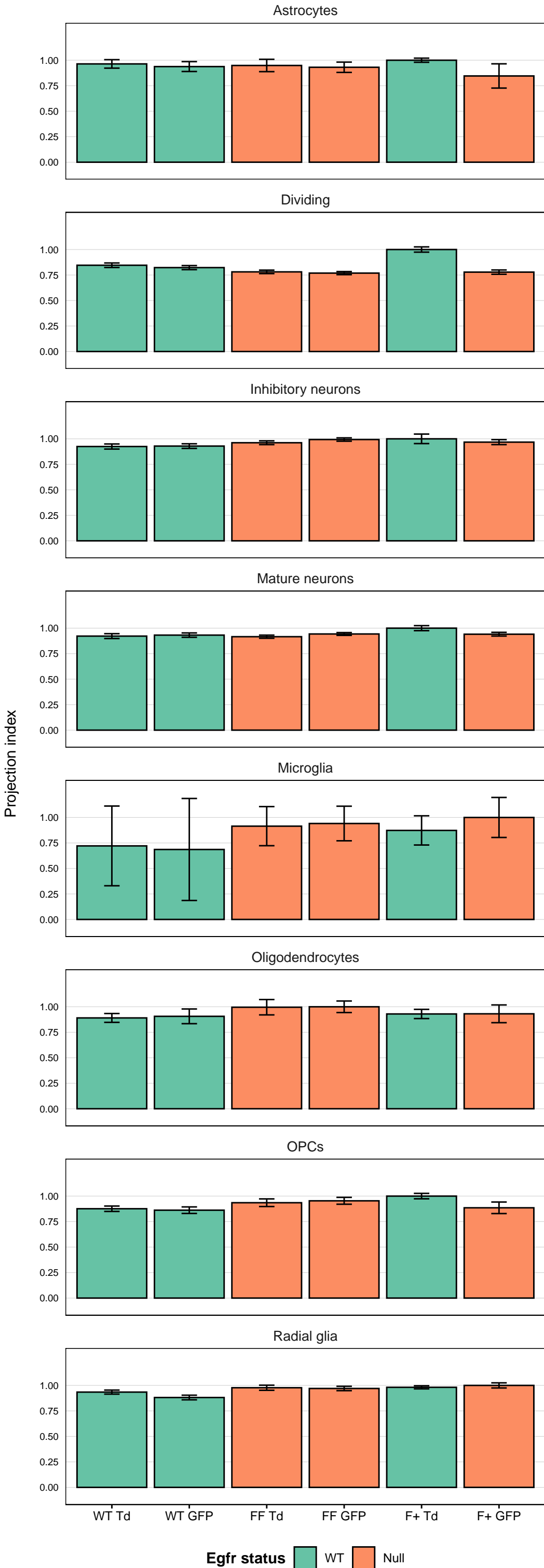
Pde3b
Myt1
Hdac9
St6gal1
Kdm7a
Pax6
Cnr1
Anp32e
Ccnd2
Tpm1
Cdon
Hexb
Calcr1
Sgms1
Lyn
Abca1
Adamts6
Ctsb
Cemip2
Dio2



darkred module

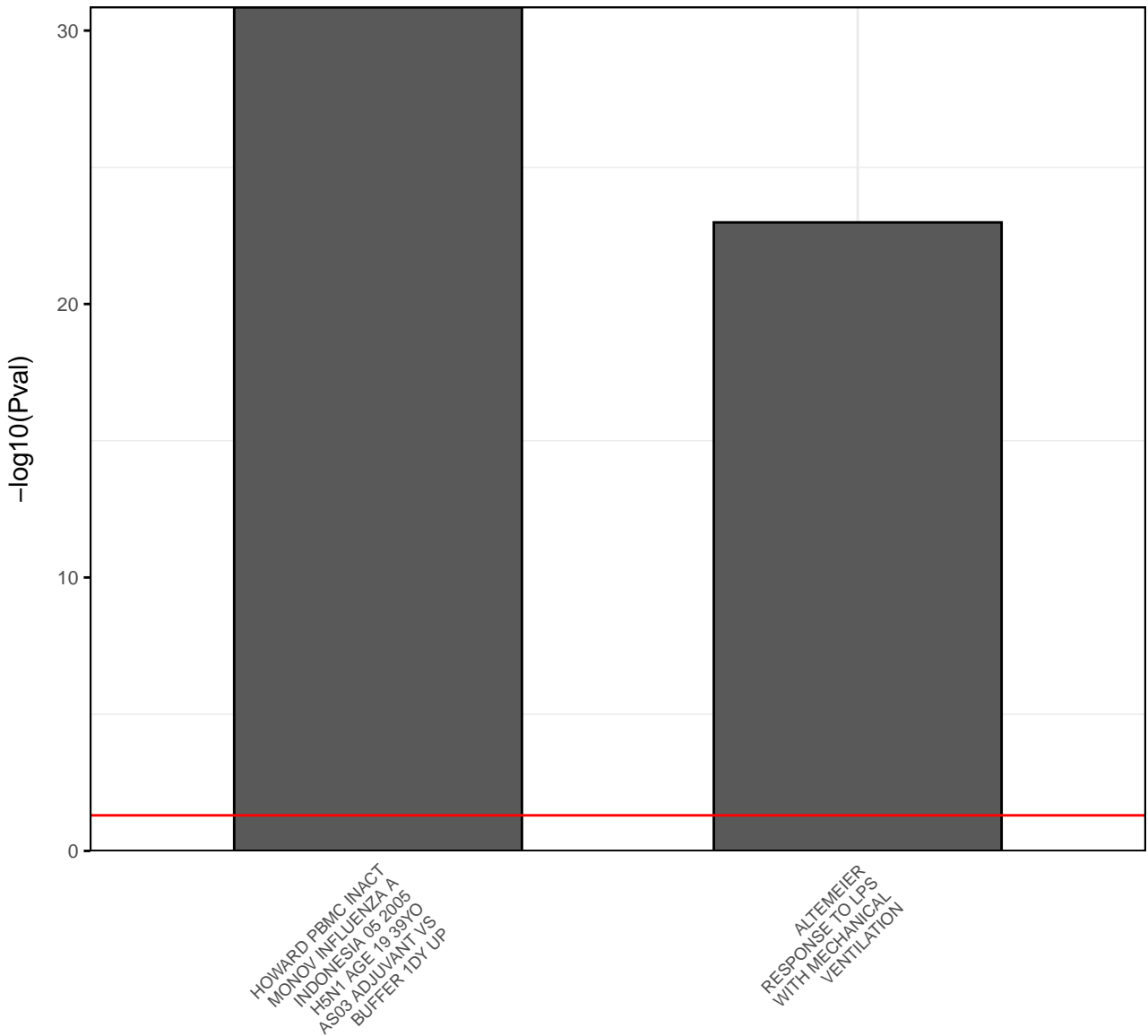
Top 100 by kME

Bicor–None_sigum0.643_minSize8_merge_ME_0.85_18566

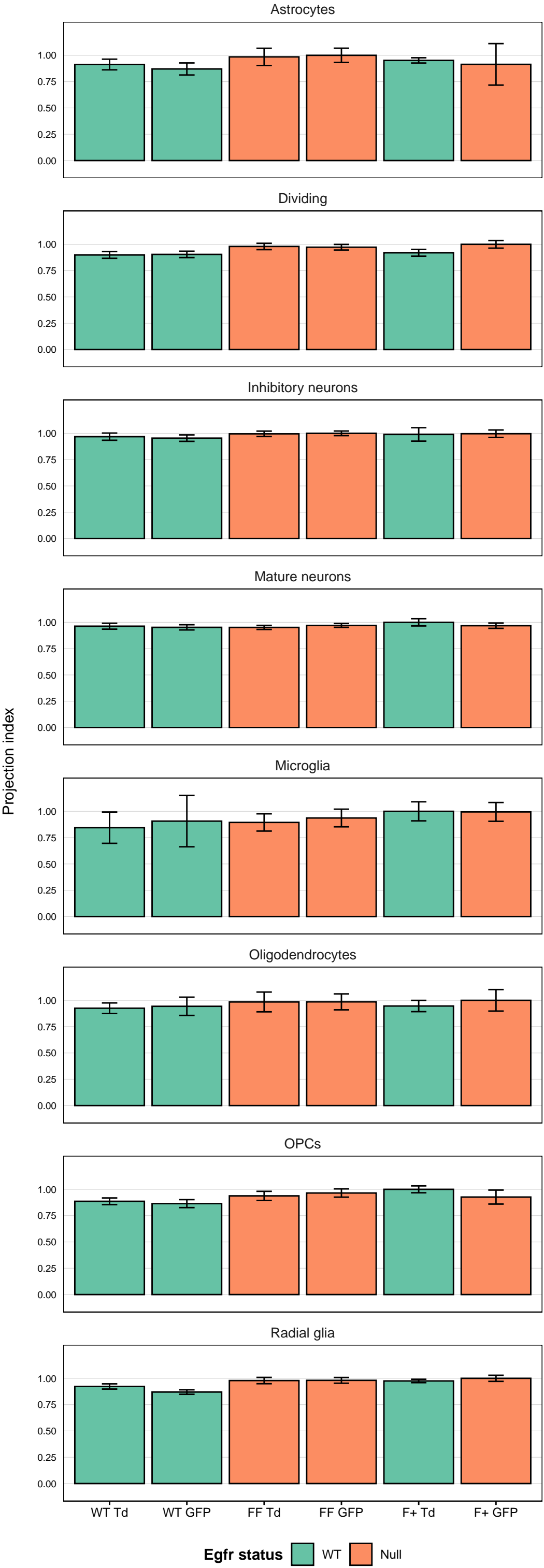


Top genes by kME

lfitm3
Kcnq1ot1
Gm26871
Tenm1
Atf3
Thsd4
Etv6
Lncpint
Lgals3
Ly86
Zfx4
Hhip
Spi1
A230057D06Rik
B2m
Ctsc
H2–K1
Camk4
Mir100hg
Zfp36

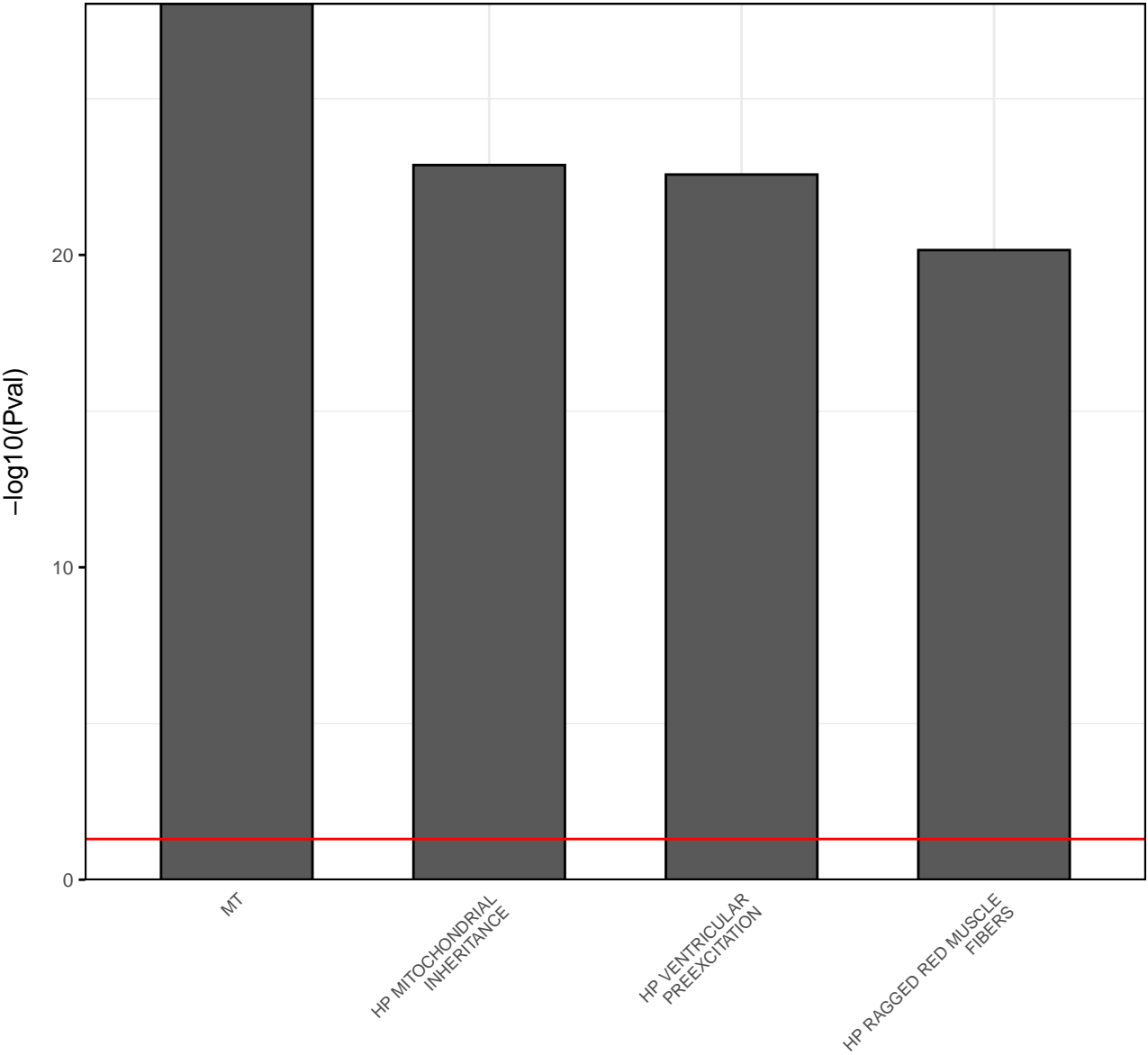


royalblue3 module
Top 100 by kME
Bicor-None_signum0.643_minSize8_merge_ME_0.85_18566

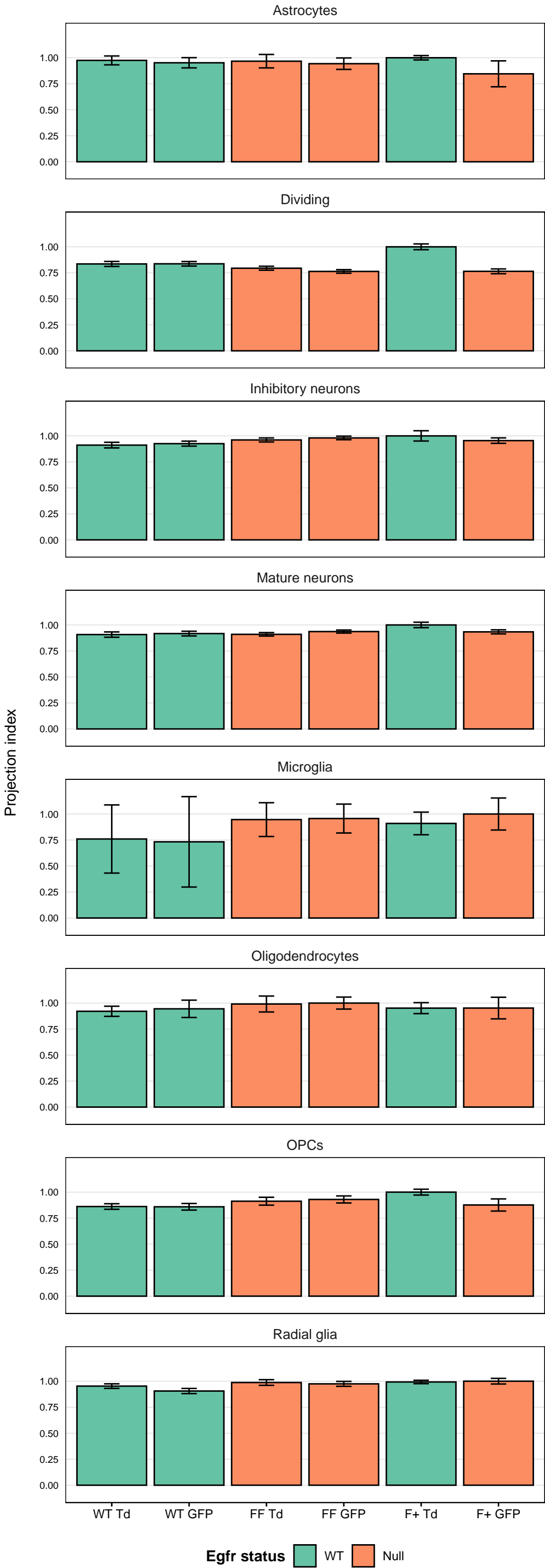


Top genes by kME

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

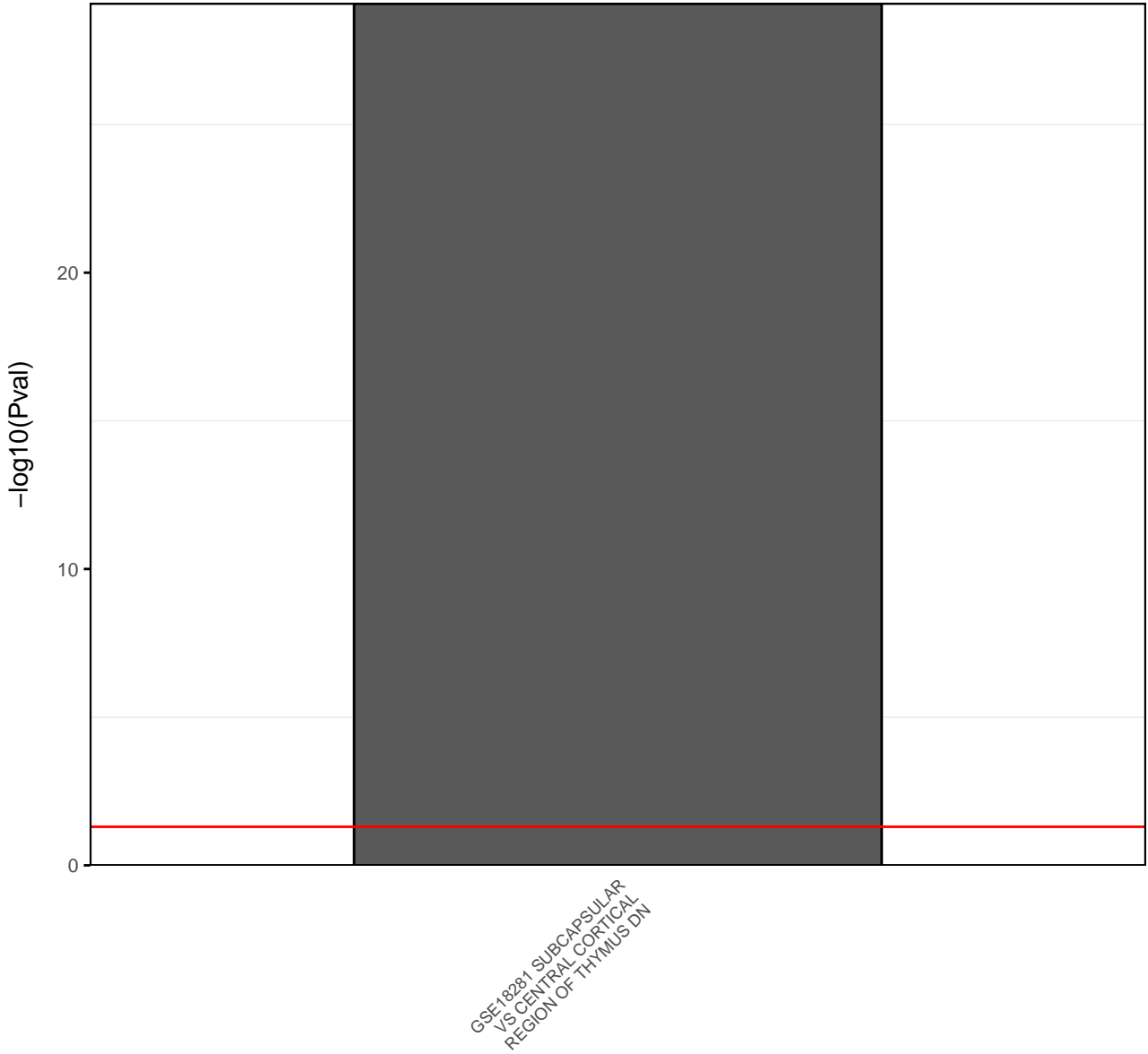


lightgreen module
Top 100 by kME
Bicor-None_signum0.551_minSize12_merge_ME_0.85_18566



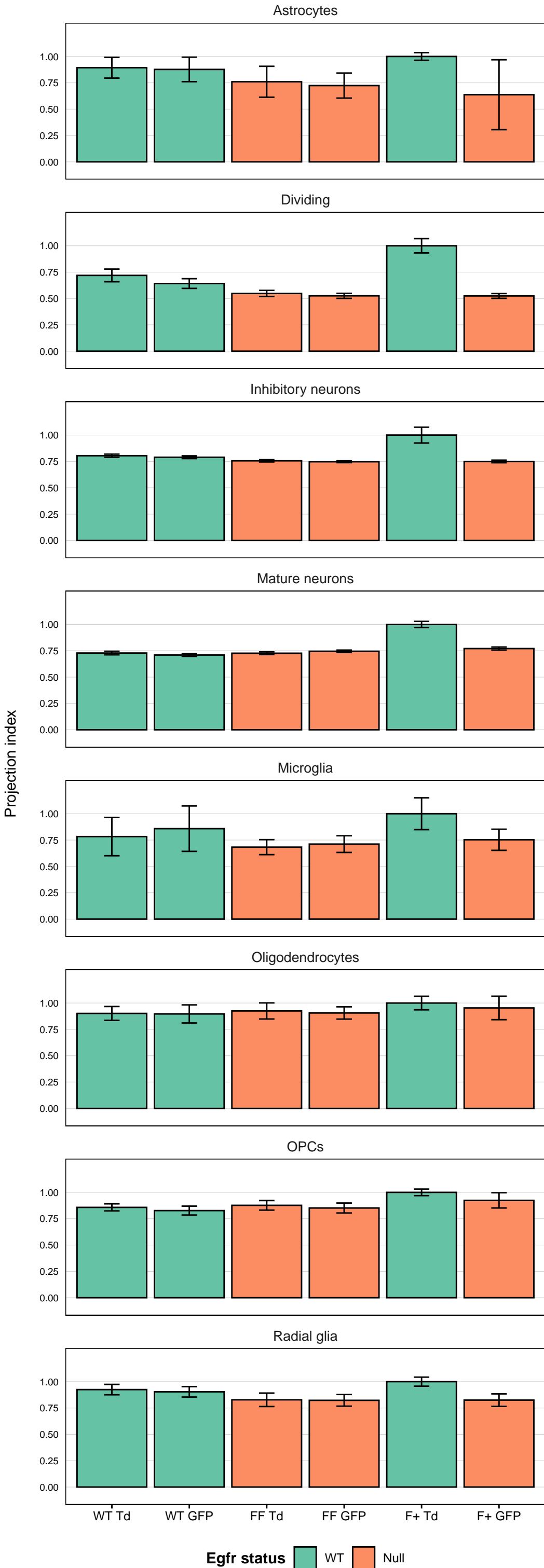
Top genes by kME

Kcnq1ot1
Ifitm3
Tenm1
Gm26871
Lncpint
Thsd4
Etv6
Atf3
Lgals3
Camk4
Zfx4
Srgn
Ly86
Spi1
A330076H08Rik
Ctsc
A230057D06Rik
B2m
Lmo4
Hhip



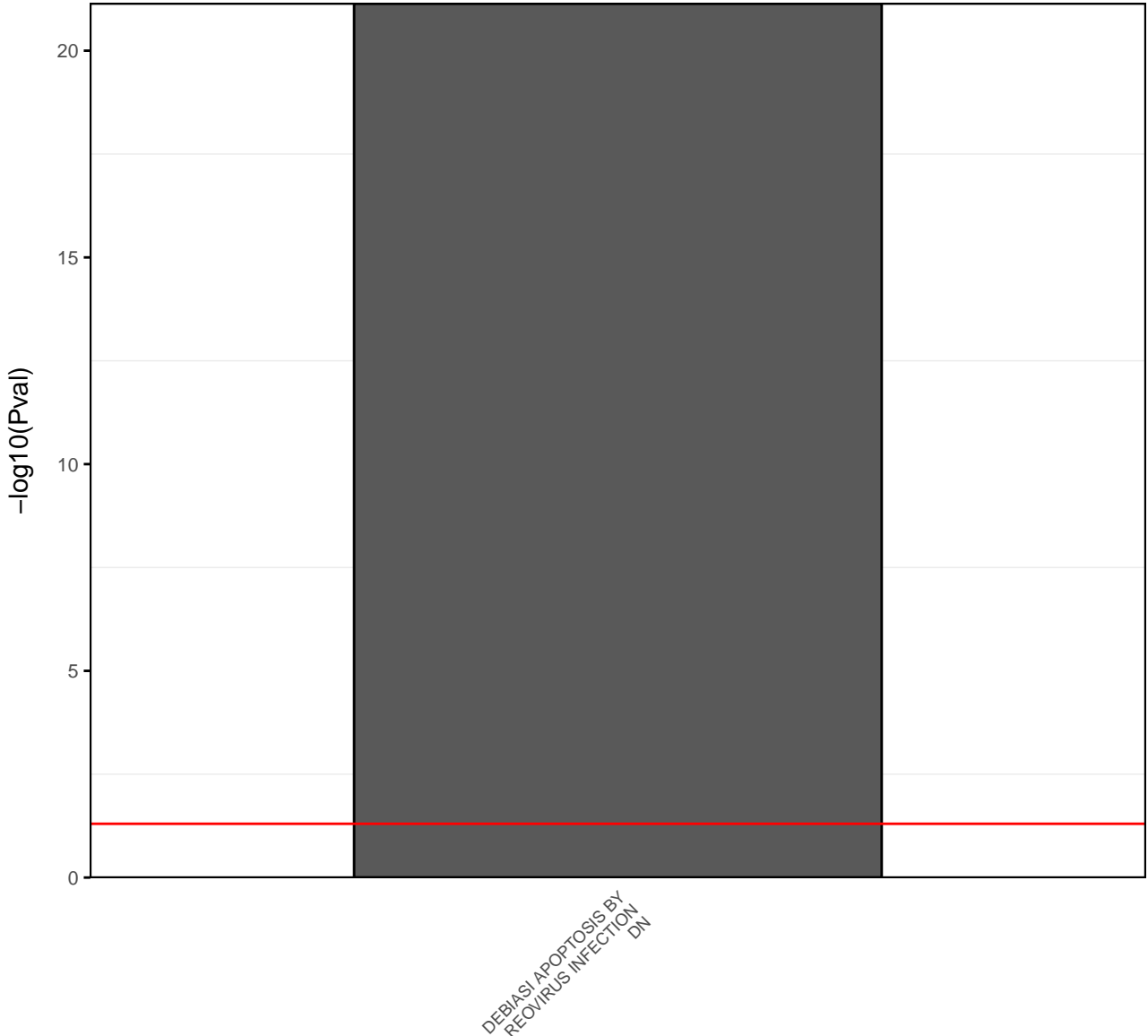
purple module
Top 100 by kME

Bicor-None_signum0.551_minSize12_merge_ME_0.85_18566

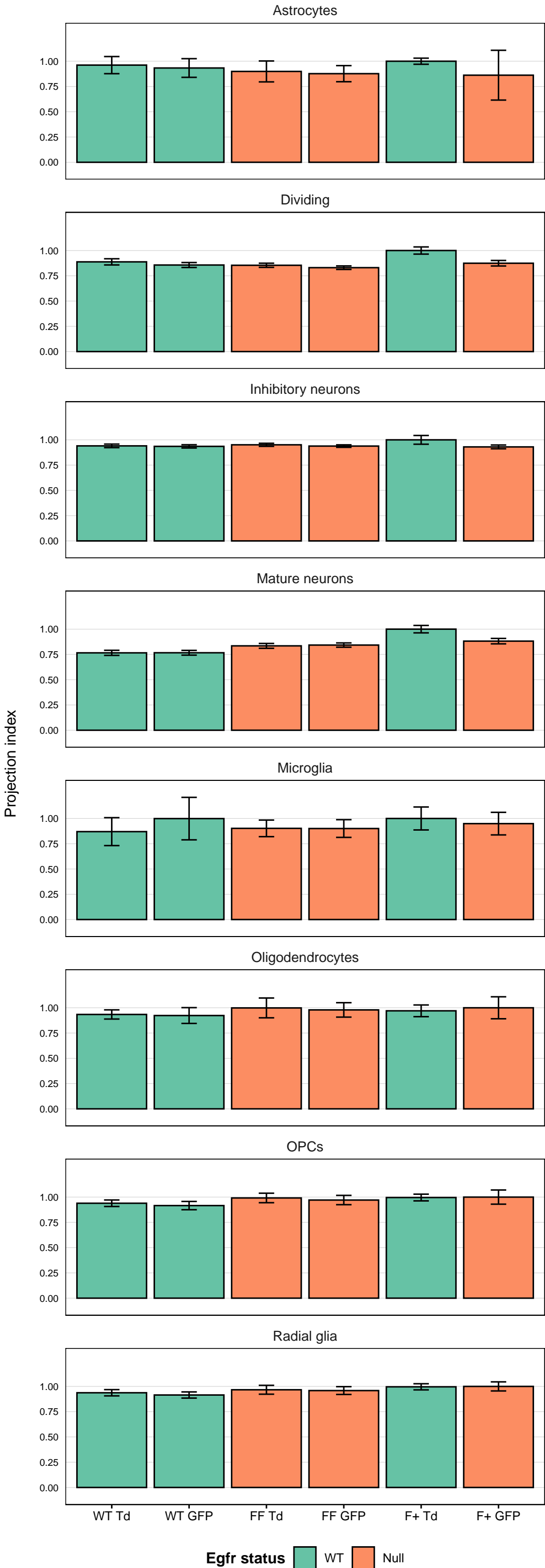


Top genes by kME

Spock2
Acsbg1
Metrn
Scd2
Abtb2
Mfhas1
S100a16
Rangap1
Sema5b
Mcu
Cspg5
Aldh1l1
Cdo1
Vstm2a
AW047730
Glud1
Slc6a11
Mfsd2a
Bcan
Pigk

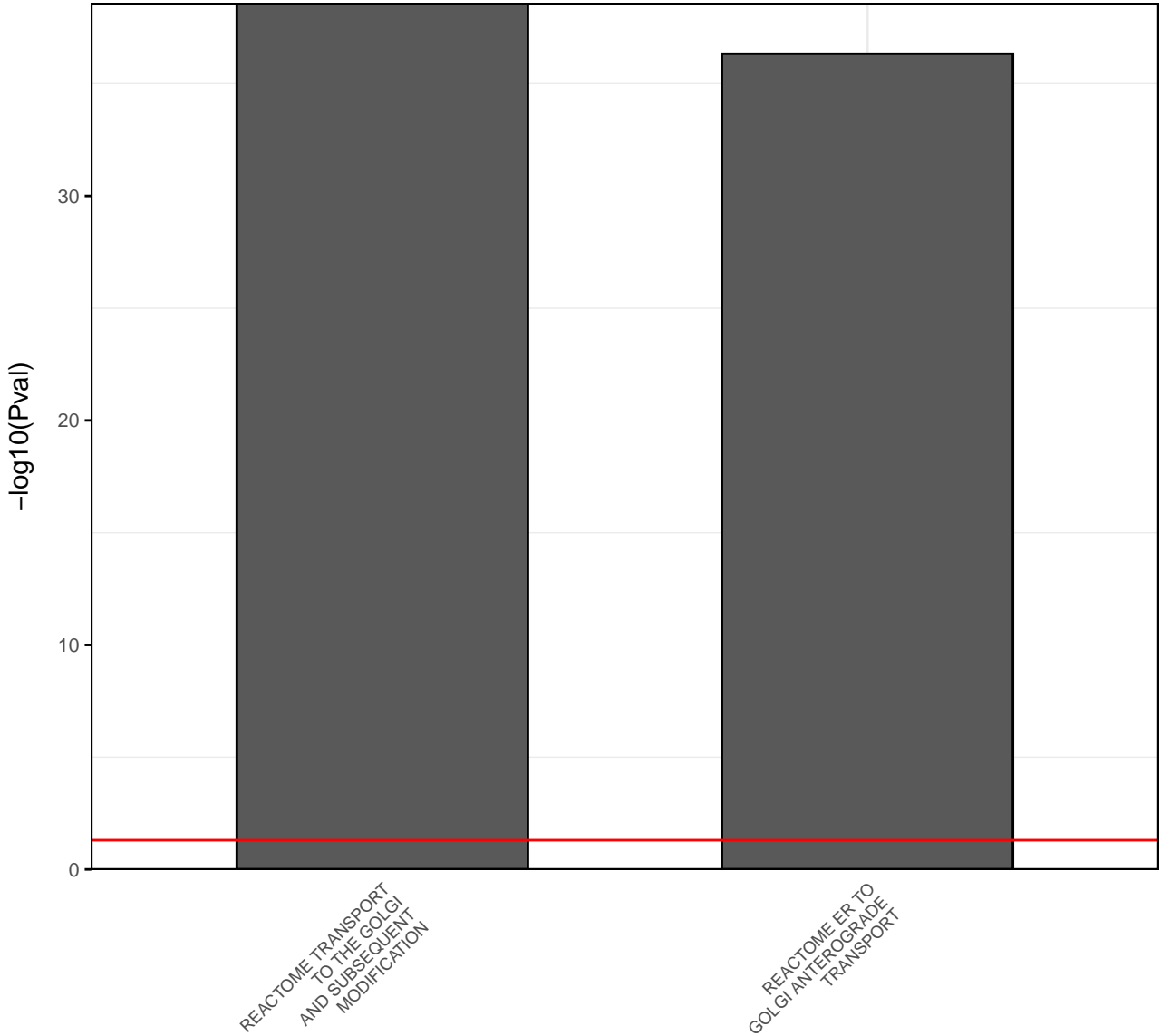


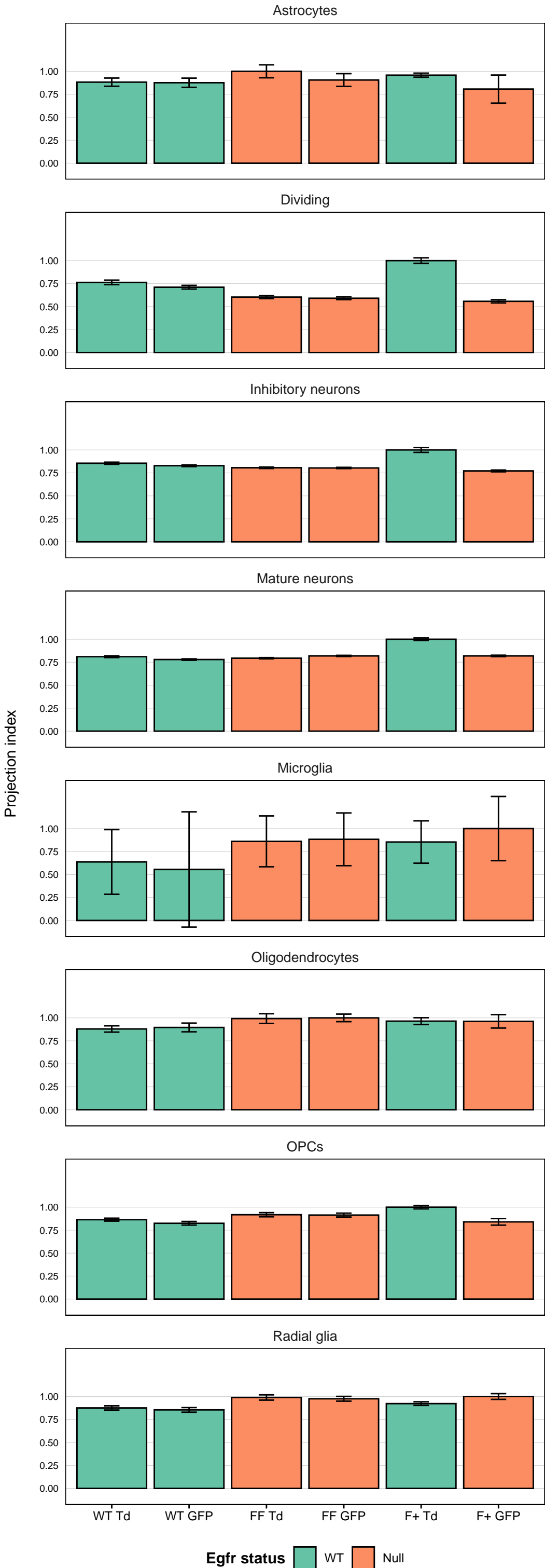
turquoise module
Top 100 by kME
Bicor-None_signum0.551_minSize12_merge_ME_0.85_18566



Top genes by kME

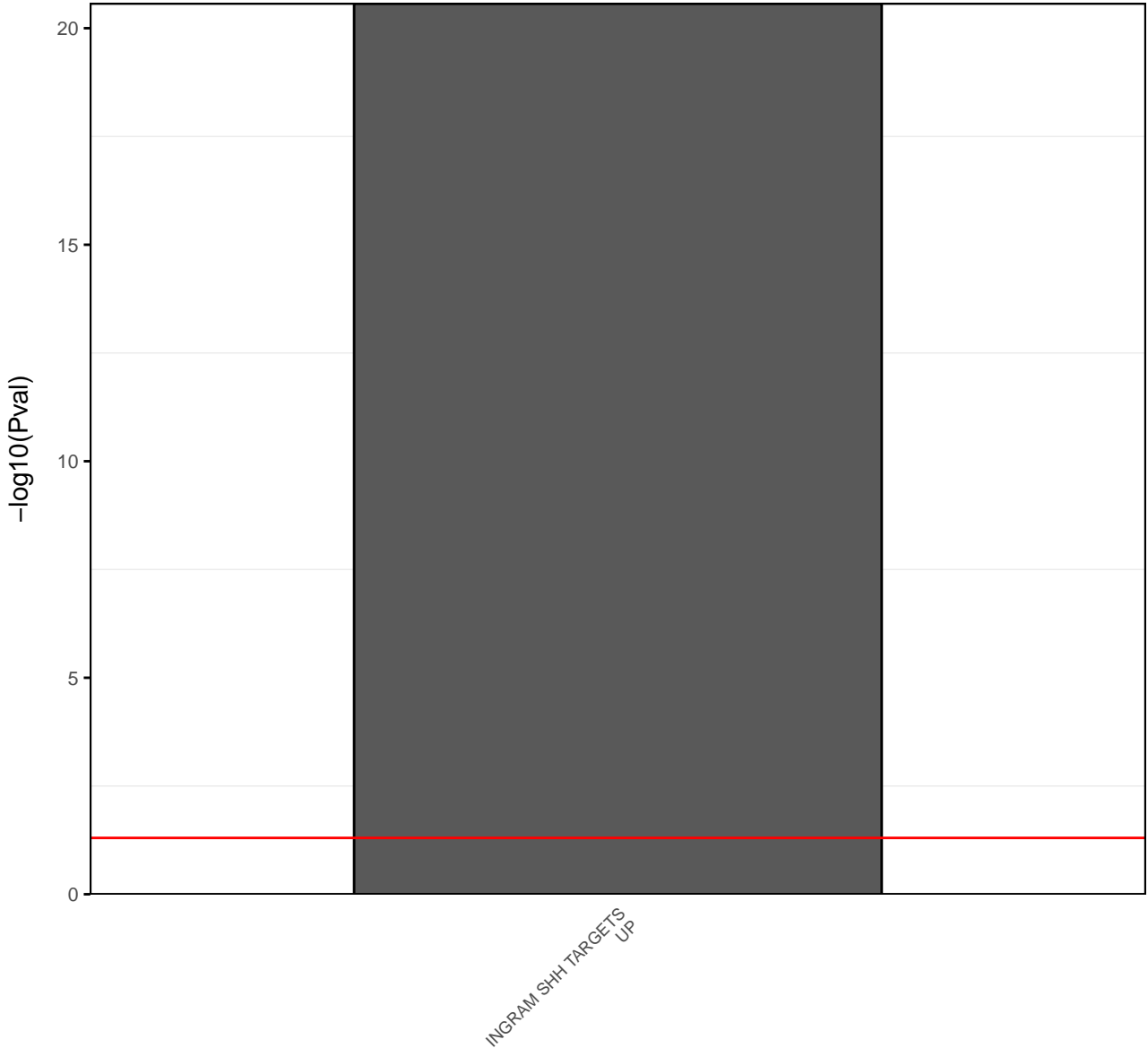
Camk2d
Insyn2b
Fign
Cntnap5a
Nhs12
Scml4
Trps1
Cdkn1c
Grm1
Ildr2
Klf4
Plekha7
Zfp618
Itgbl1
Ptgds
Sirpa
Slit1
Lrrtm3
Rgl1
Ccn1

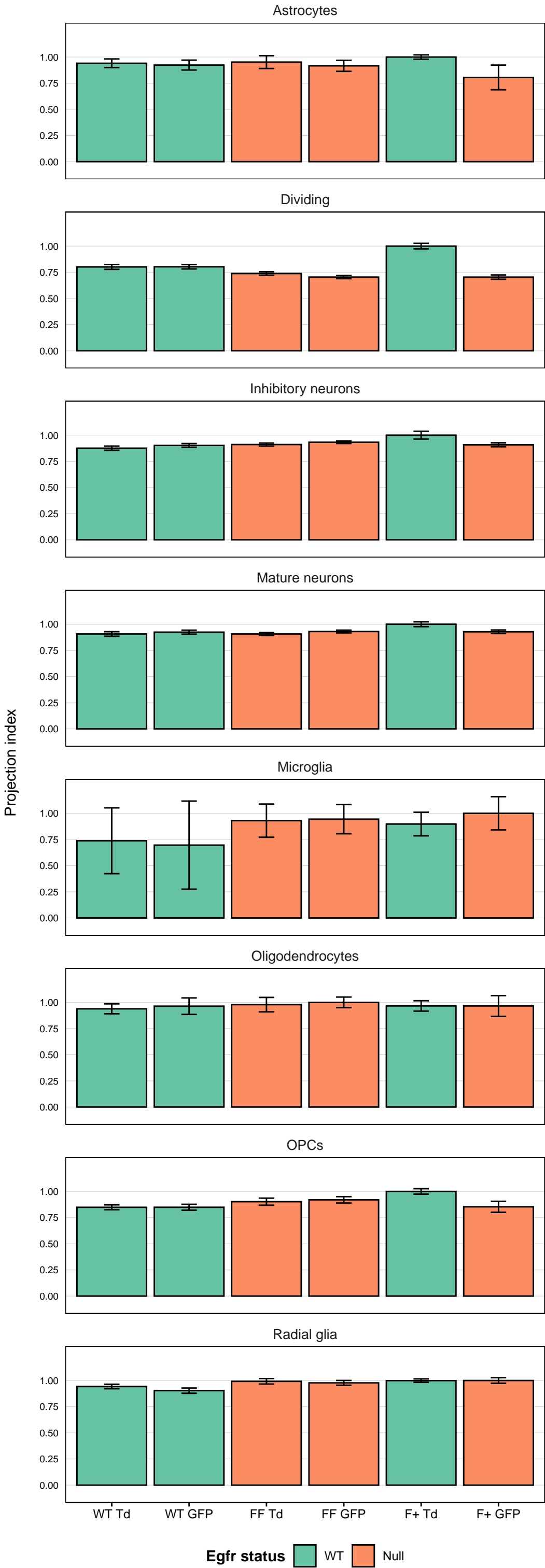




Top genes by kME

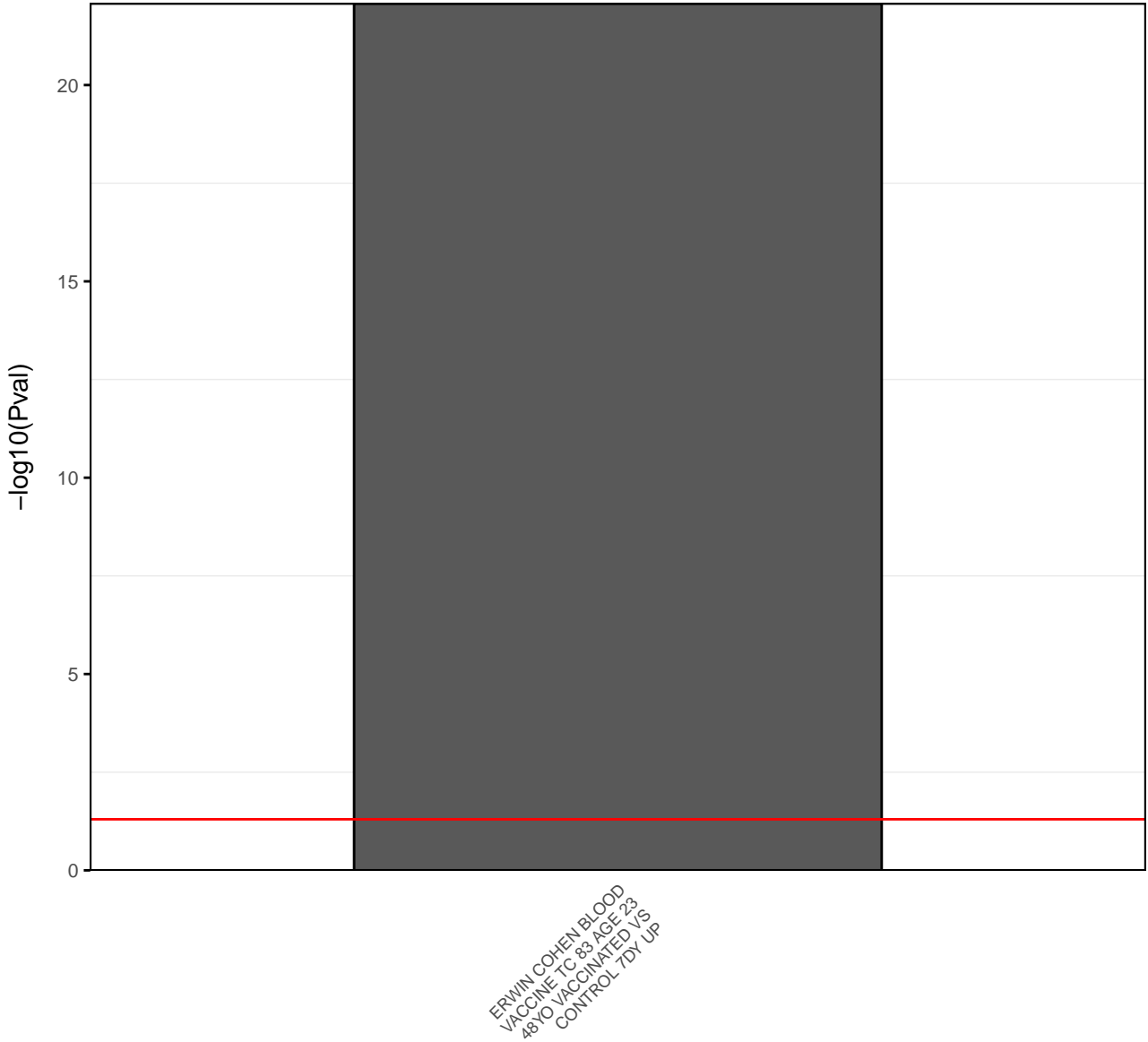
Slc7a11
Cxcl12
Adam12
Eya2
Mrc1
Svil
Bmp6
Bicc1
Ror1
Ano6
Notch2
Pmp22
Adamts12
Prrx1
Igf2
Islr
Zic4
Lama2
Dab2
Cfh



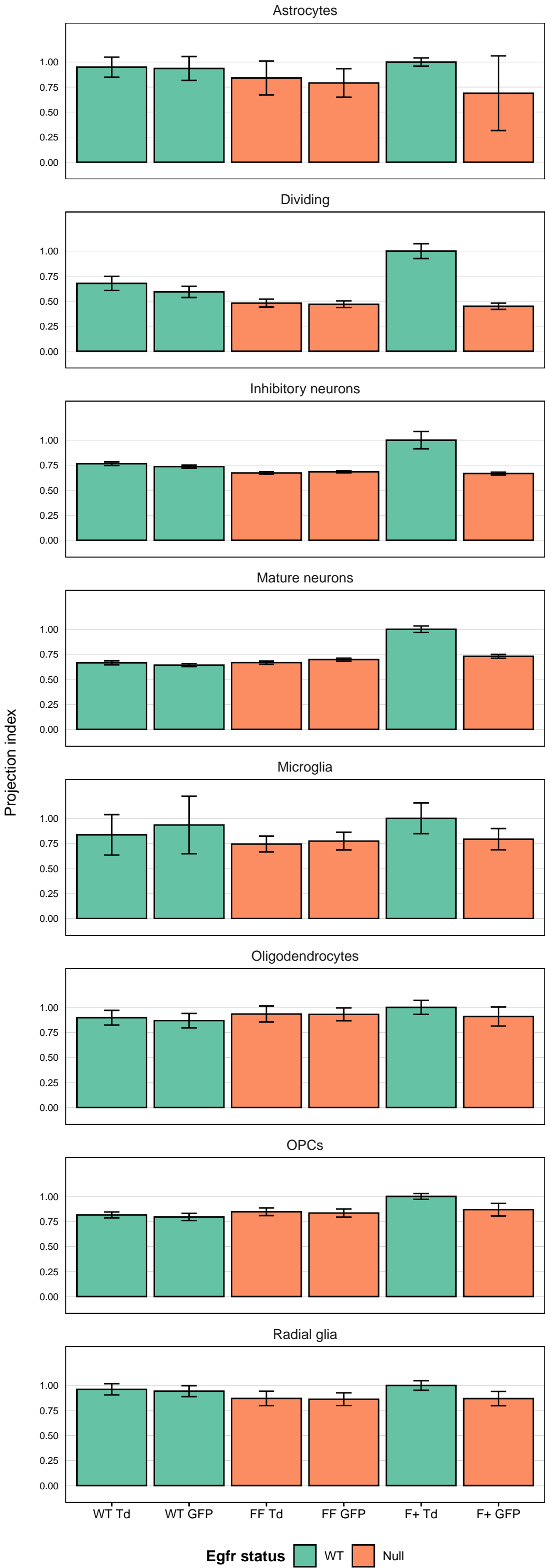


Top genes by kME

Tenm1
Ifitm3
Kcnq1ot1
Lncpint
Gm26871
Thsd4
Etv6
Srgn
Atf3
Lgals3
Arpc1b
A330076H08Rik
Ctsc
Zfhx4
Camk4
Hhip
Spi1
H2-K1
Lmo4
A230057D06Rik

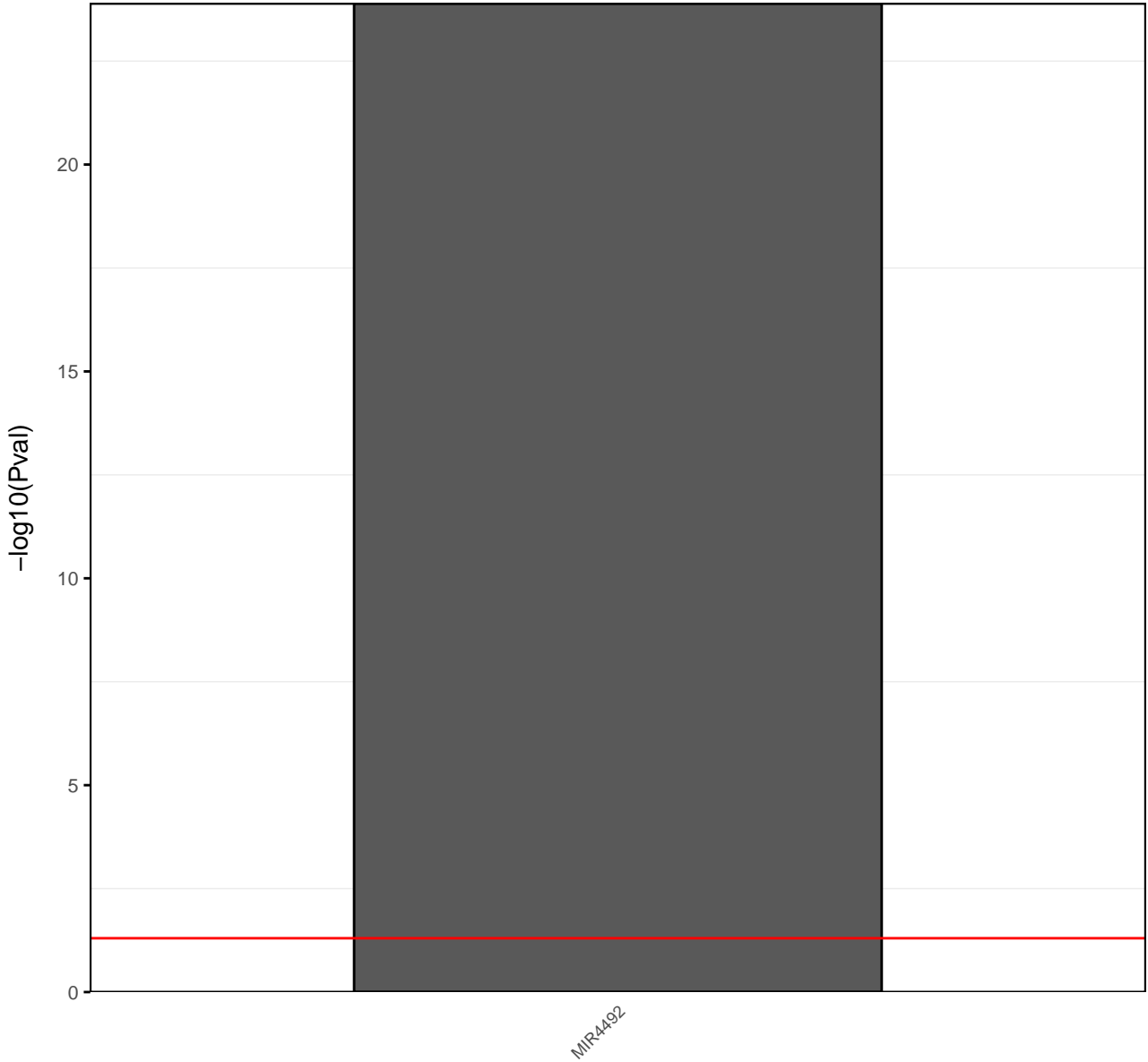


midnightblue module
Top 100 by kME
Bicor-None_signum0.529_minSize15_merge_ME_0.85_18566

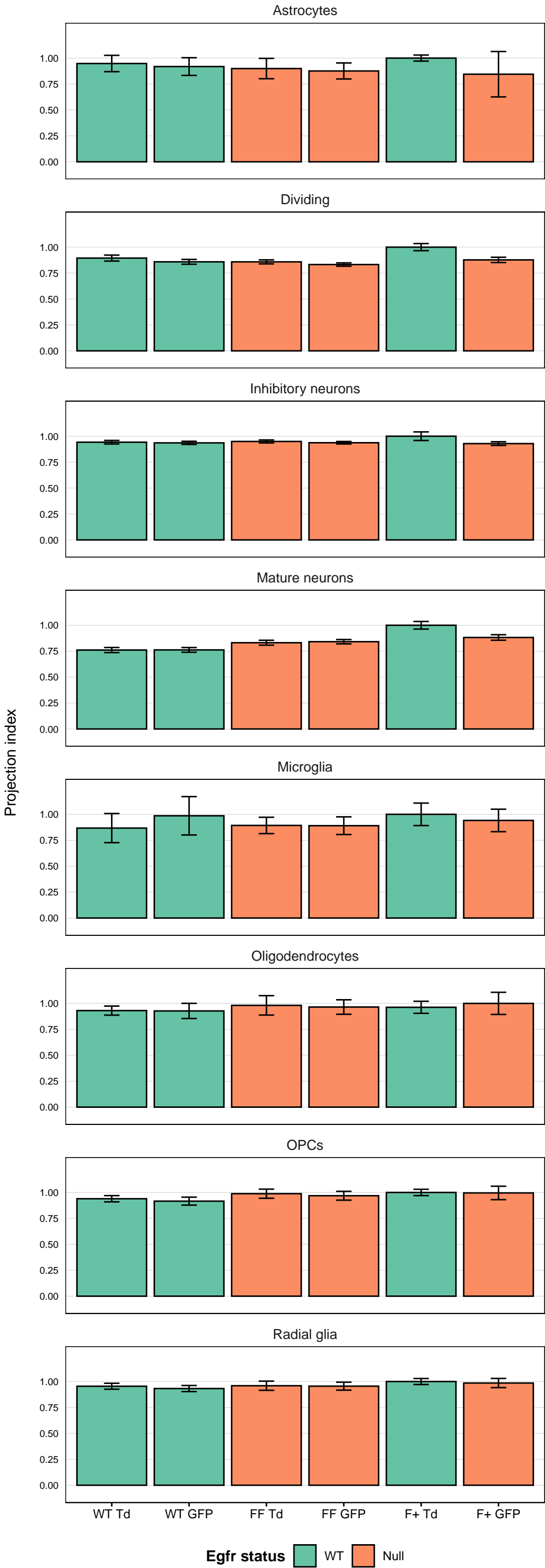


Top genes by kME

Jph4
Btbd17
Atp1a3
Tspan9
Pcsk6
Mfge8
Aldoa
Sfxn5
Ncan
Rgma
Gng5
Sorcs2
Sez6
Csdcd2
Cyp7b1
Astrn2
Sash1
Emp2
Pygb
Slc1a1

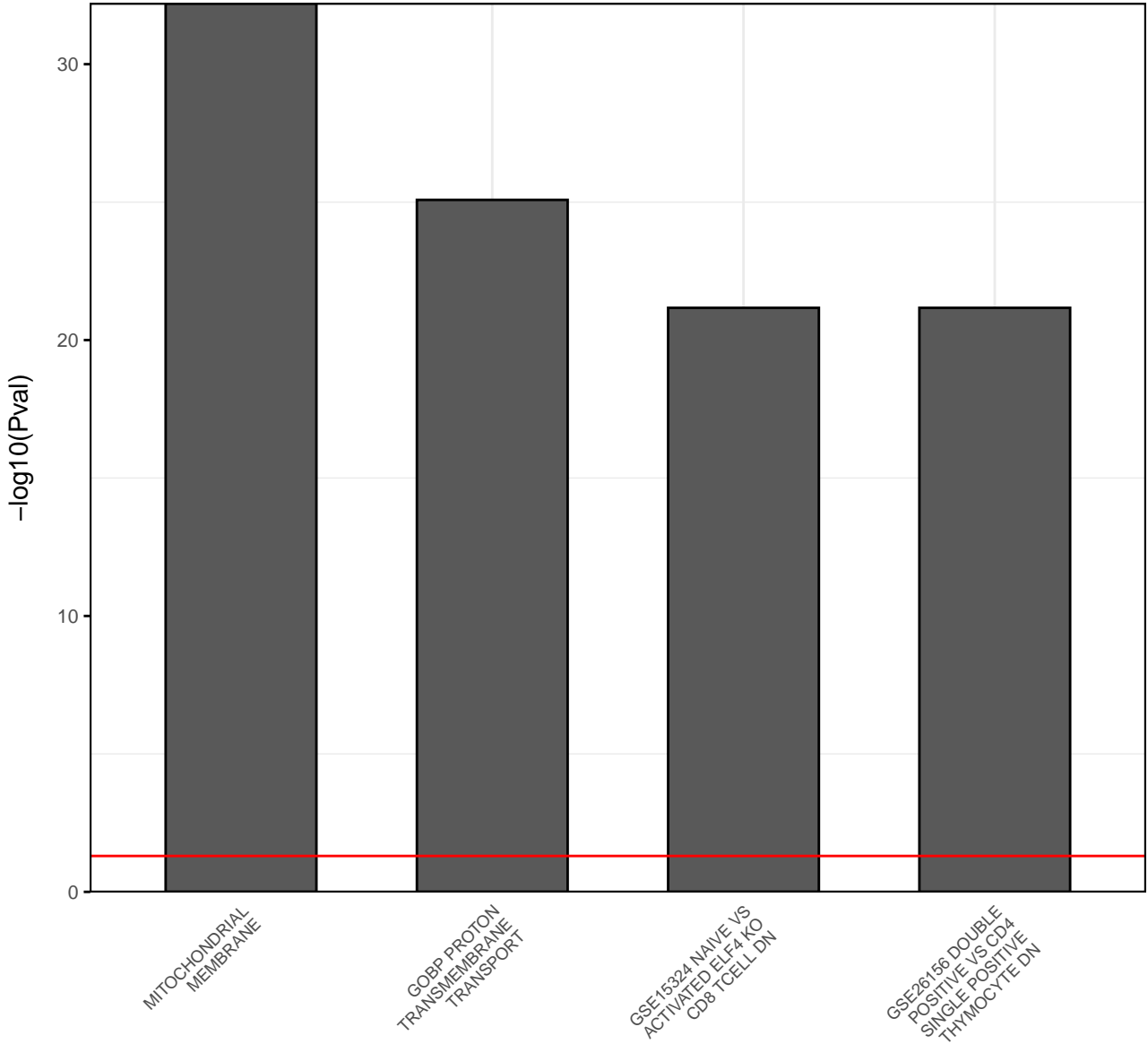


turquoise module
Top 100 by kME
Bicor-None_signum0.529_minSize15_merge_ME_0.85_18566



Top genes by kME

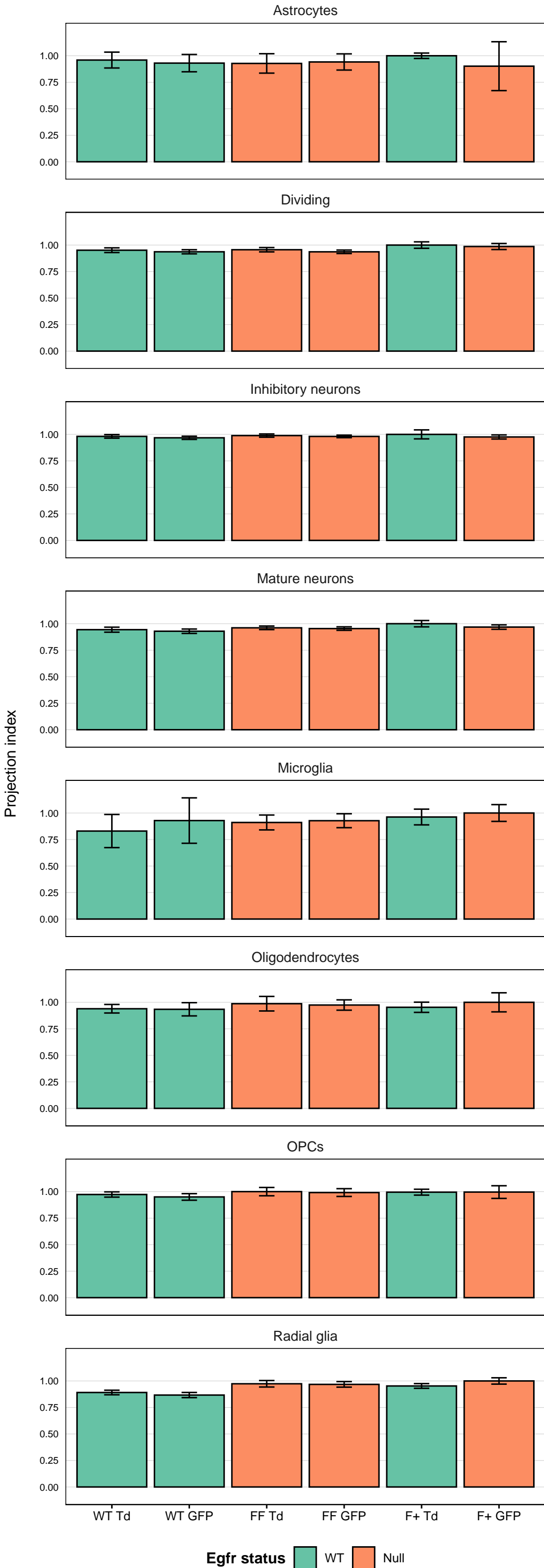
Fam183b
Galnt17
Cfap126
C230072F16Rik
Nrg3os
Rasl11a
1700094D03Rik
Ccdc162
Gm45341
Pcsk5
Hydin
Lrrc23
Ak7
Spag6l
Lgi1
St18
Gm11266
Epb41l4a
Rsph1
Nrn1



yellow module

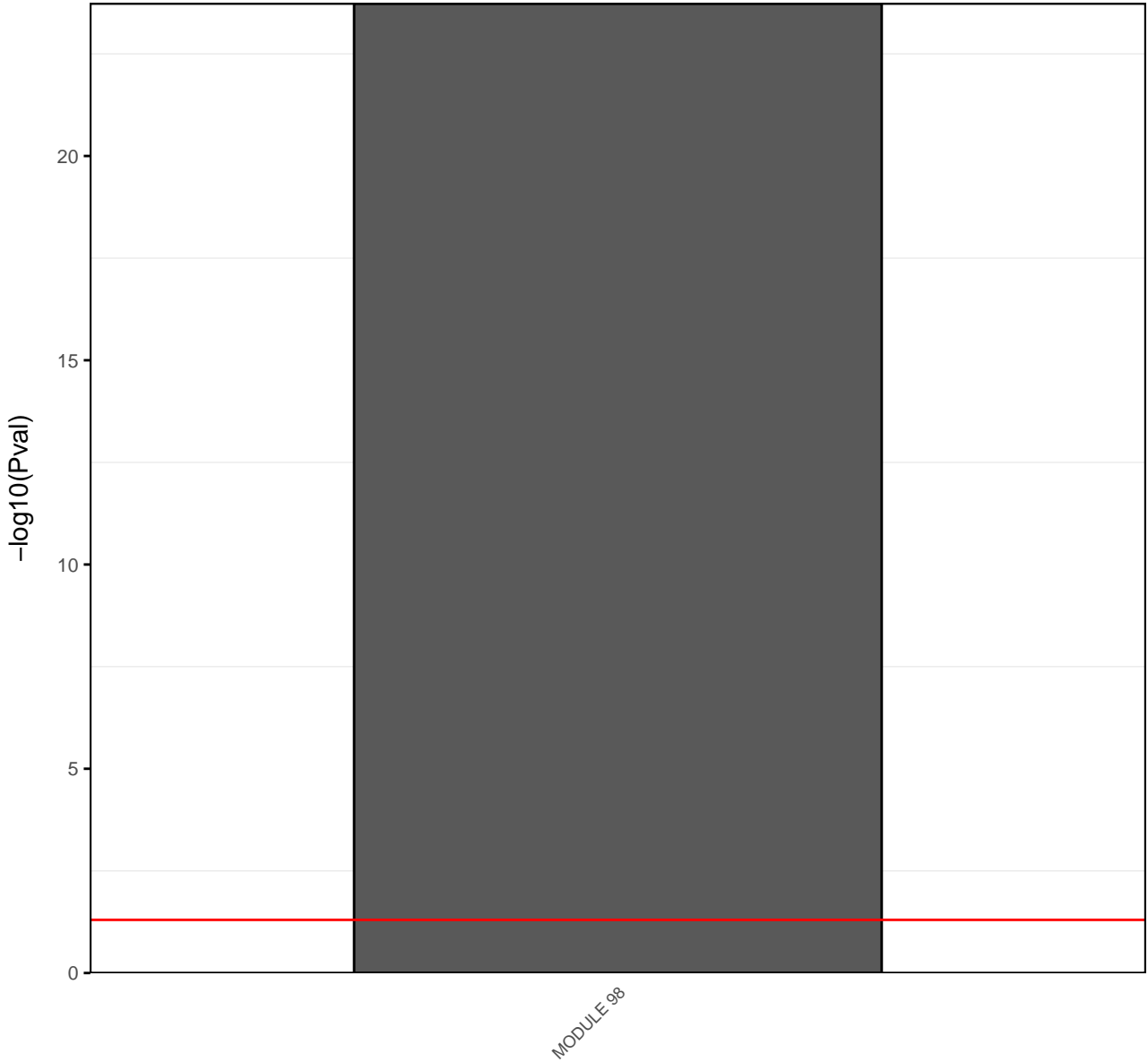
Top 100 by kME

Bicor-None_signum0.529_minSize15_merge_ME_0.85_18566

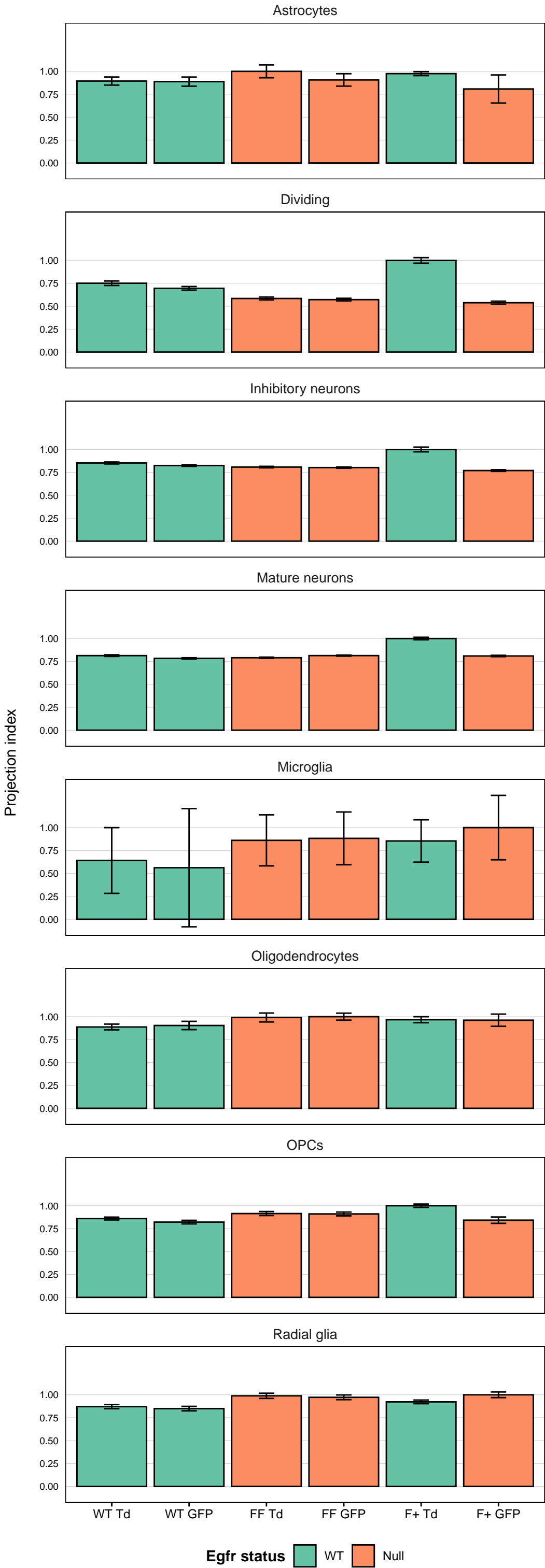


Top genes by kME

Tenm1
Ifitm3
Kcnq1ot1
Lncpint
Gm26871
Thsd4
Etv6
Srgn
Atf3
Lgals3
Arpc1b
A330076H08Rik
Ctsc
Zfhx4
Camk4
Hhip
Spi1
H2-K1
Lmo4
A230057D06Rik

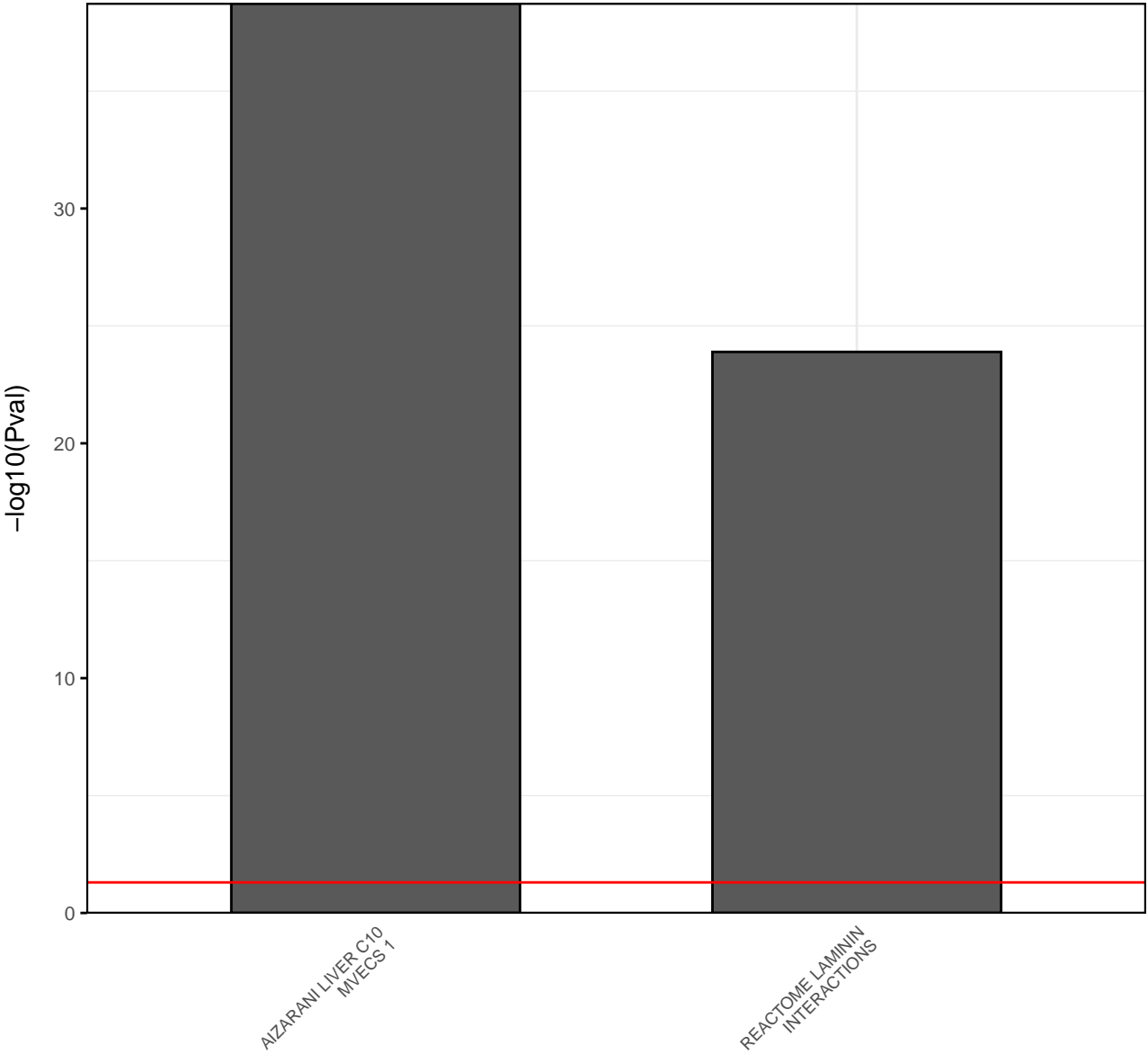


brown module
Top 100 by kME
Bicor-None_signum0.643_minSize12_merge_ME_0.85_18566



Top genes by kME

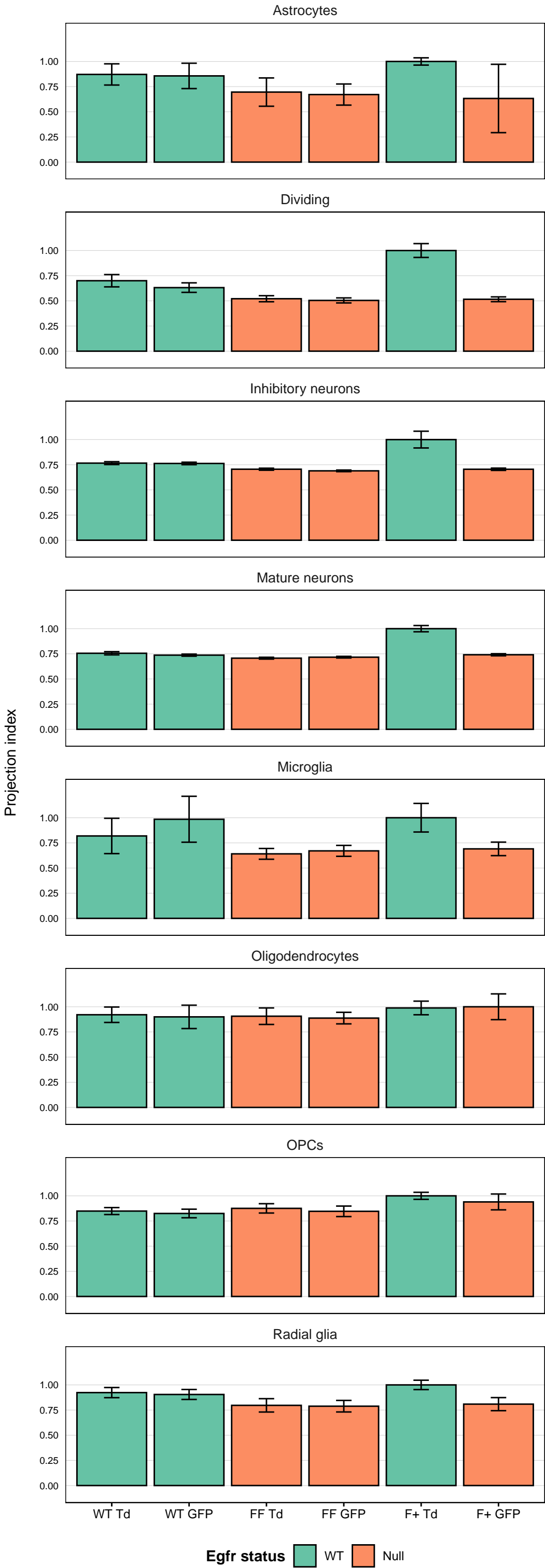
Slc7a11
Cxcl12
Adam12
Mrc1
Svil
Eya2
Bmp6
Bicc1
Lama2
Prrx1
Adams12
Zic4
Cfh
Ror1
Notch2
Pmp22
Ranbp3l
Col12a1
Islr
Ano6



cyan module

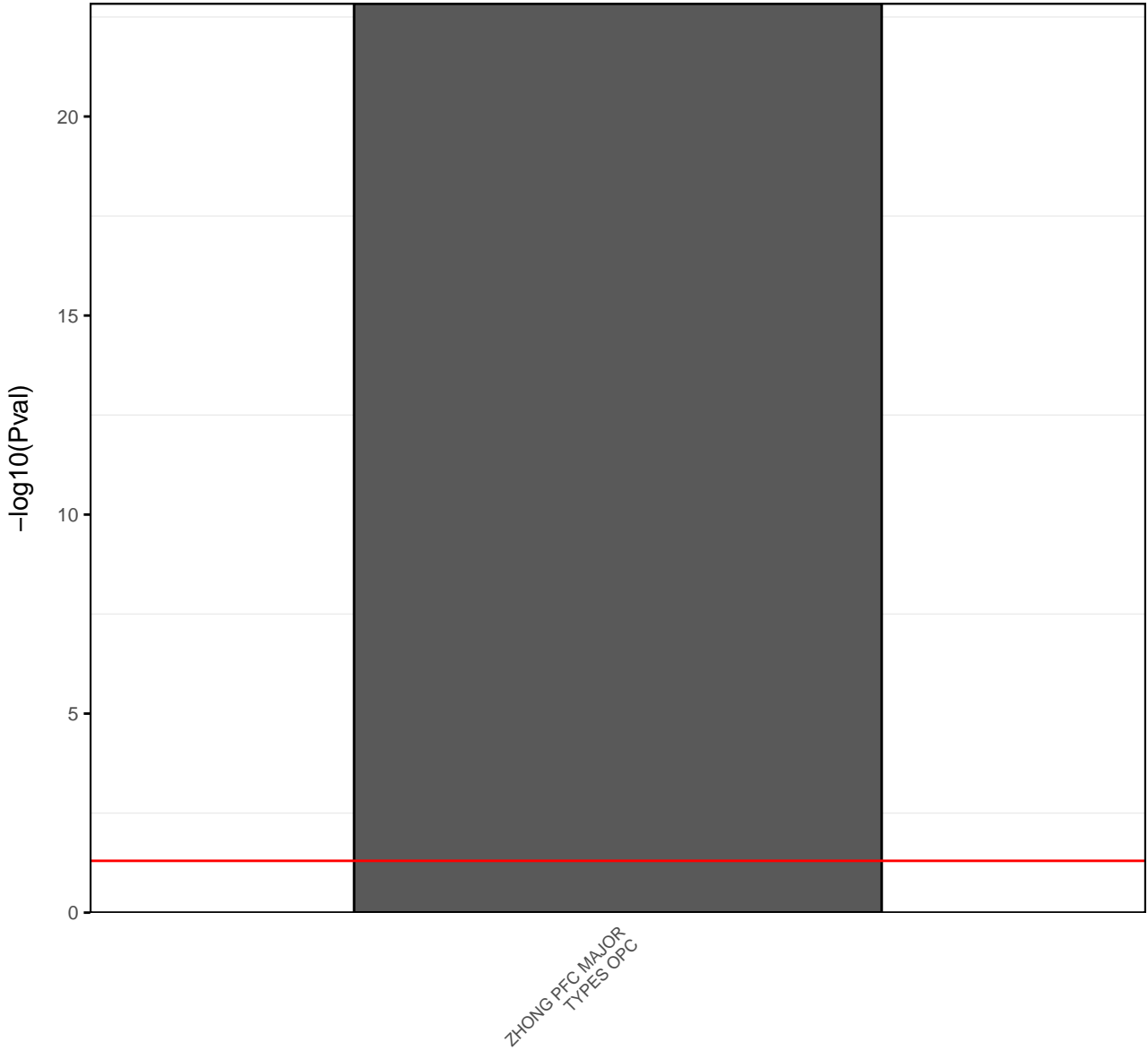
Top 100 by kME

Bicor-None_signum0.643_minSize12_merge_ME_0.85_18566

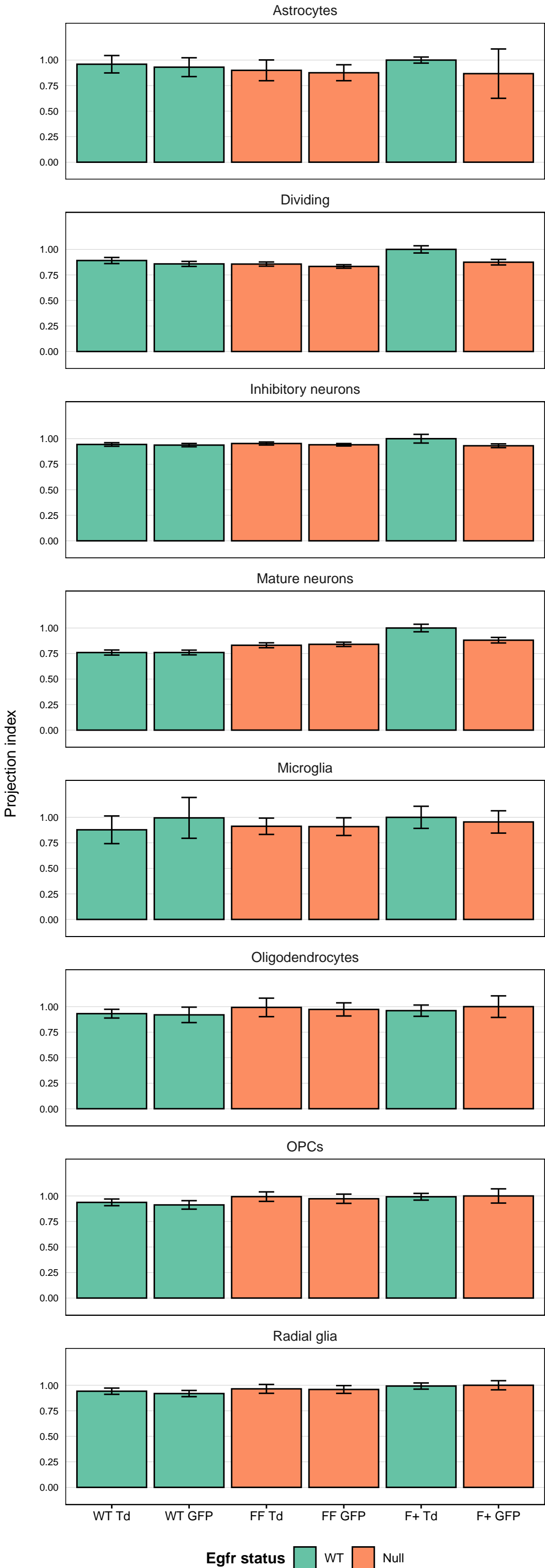


Top genes by kME

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

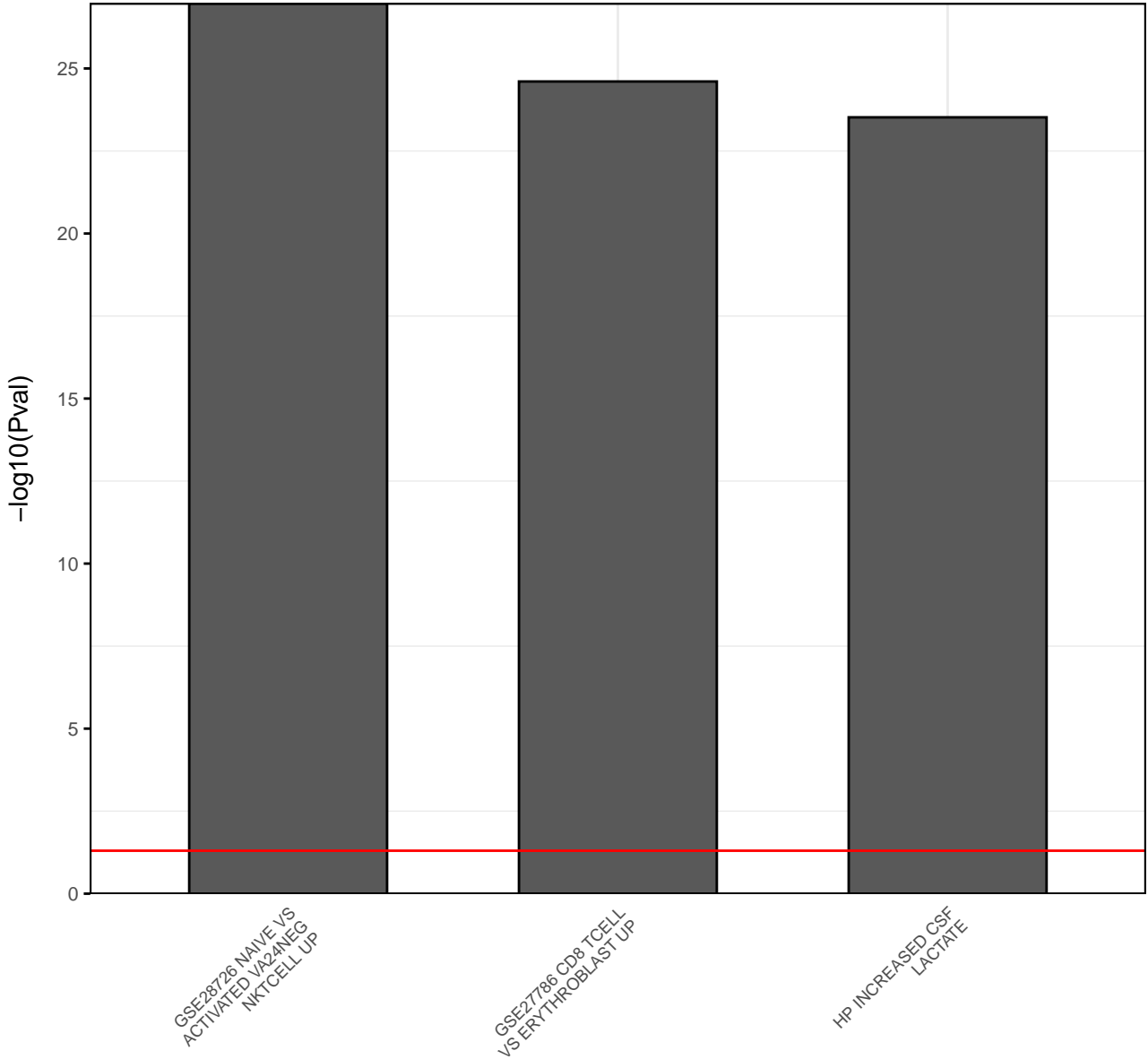


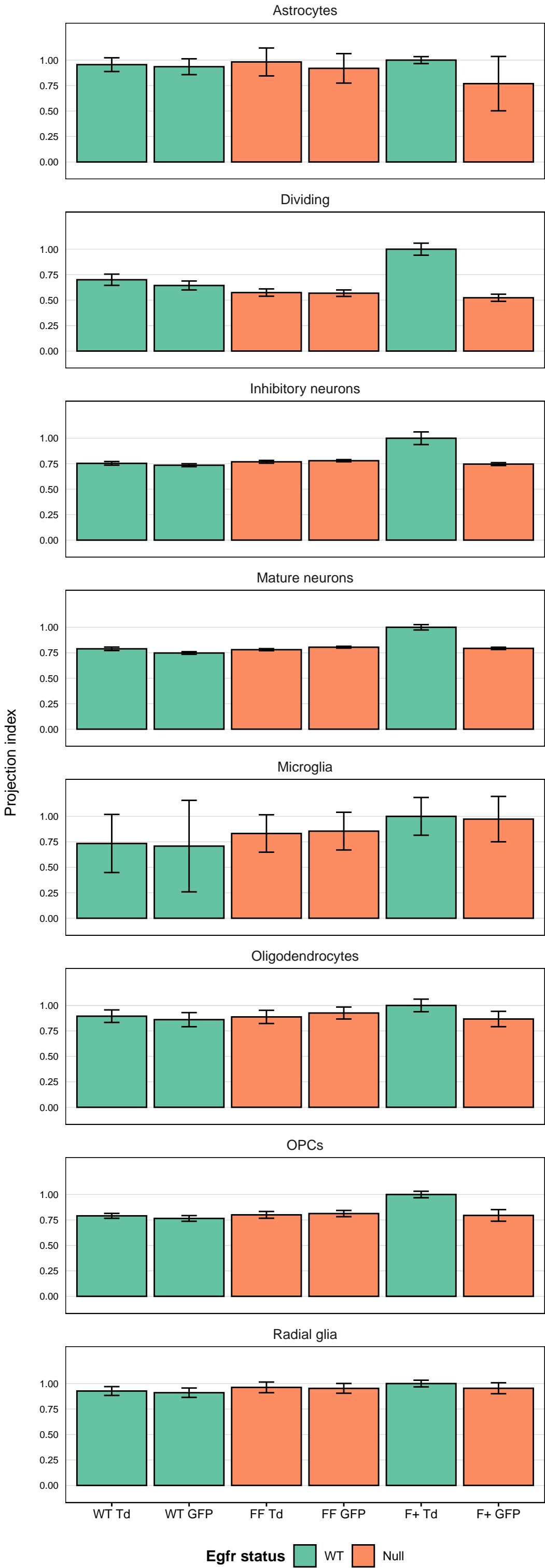
turquoise module
Top 100 by kME
Bicor-None_signum0.643_minSize12_merge_ME_0.85_18566



Top genes by kME

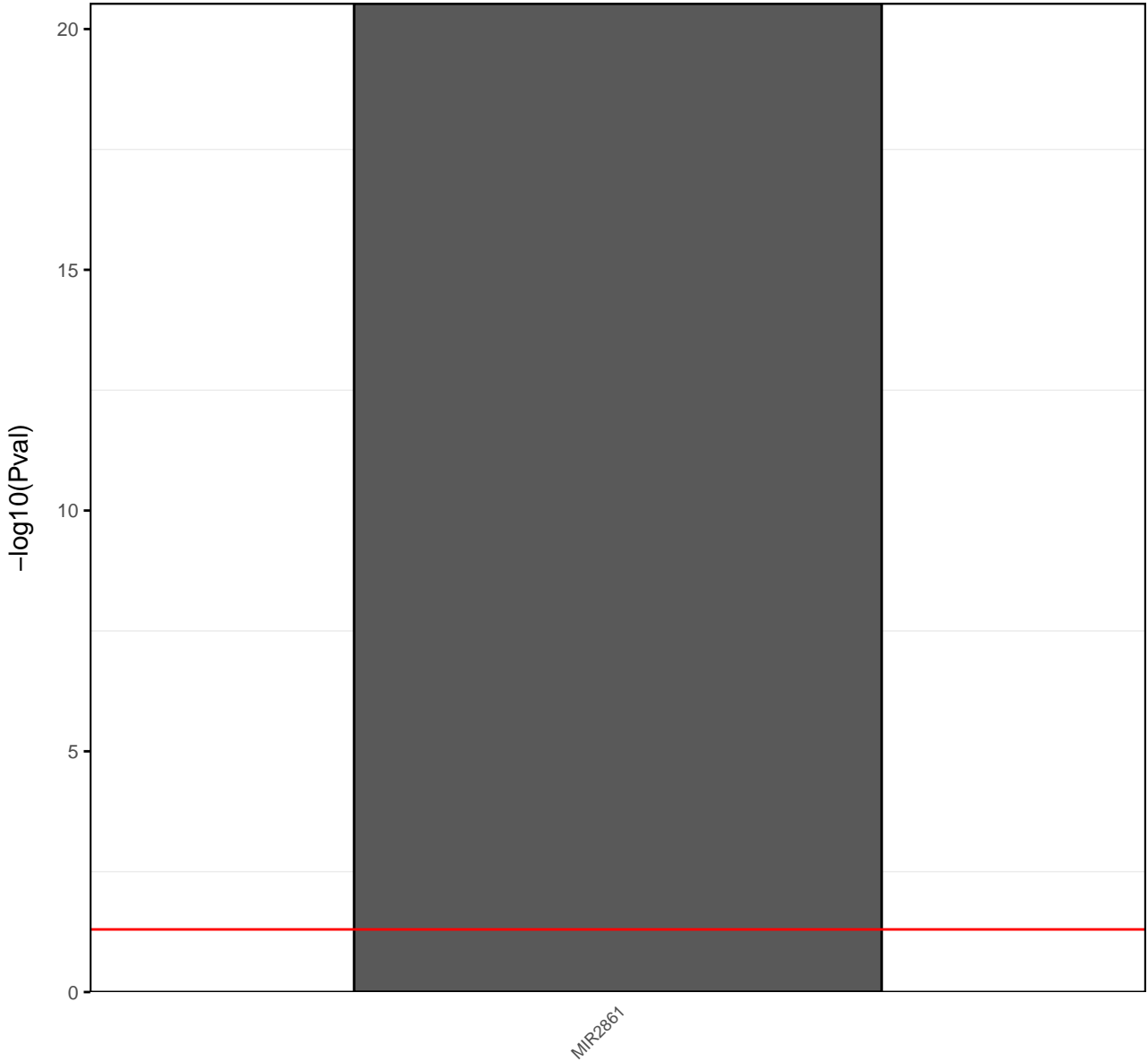
- Cadm2
- Kcnh1
- Fhod3
- Sorcs1
- Pdzd2
- Tspan5
- Ldlrad4
- Klhl1
- Frmpd4
- Kcnh5
- Rgs6
- Lhfp
- Ptpkr
- Rorb
- Tmtc1
- Adgrl2
- Ablim1
- Klhl29
- Carmil1
- Gucy1b1



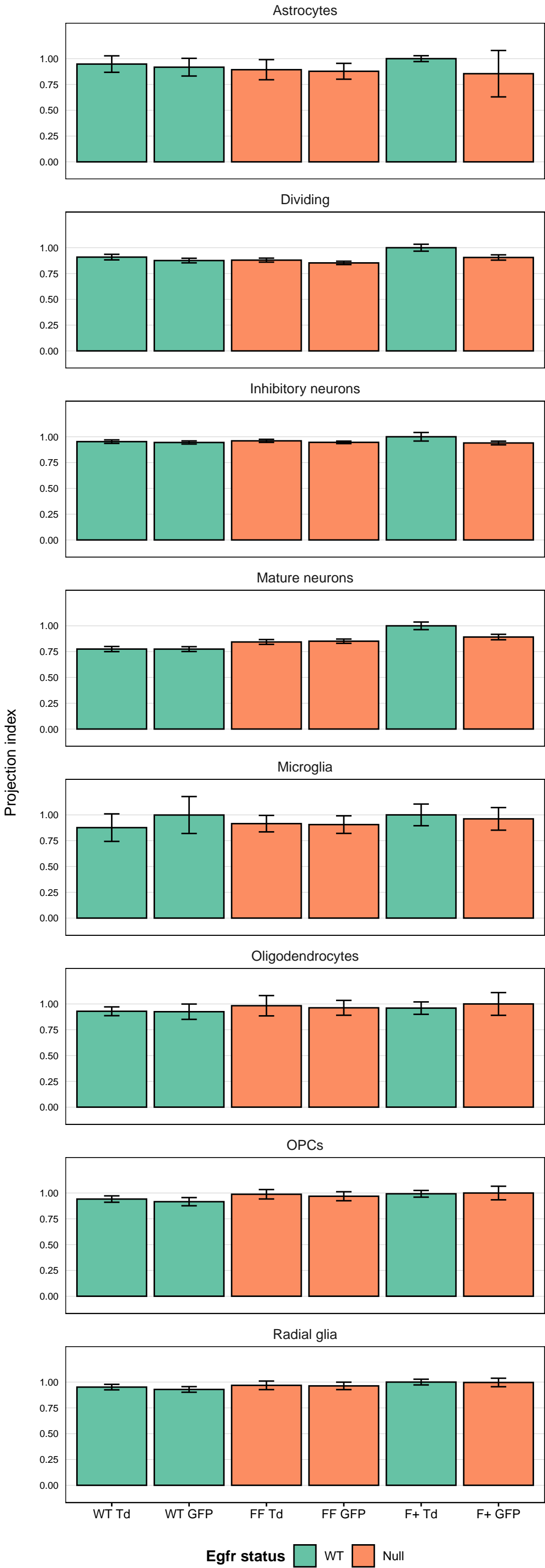


Top genes by kME

Igfbp2
Palld
Sparc
Antxr1
Slc9a3r1
Pbxip1
Gab1
Gli2
Myl9
Chst11
Mink1
Cnksr3
Dock1
Acadl
Sema6d
Grik4
Btbd9
Prdm16
Wwtr1
Notch2

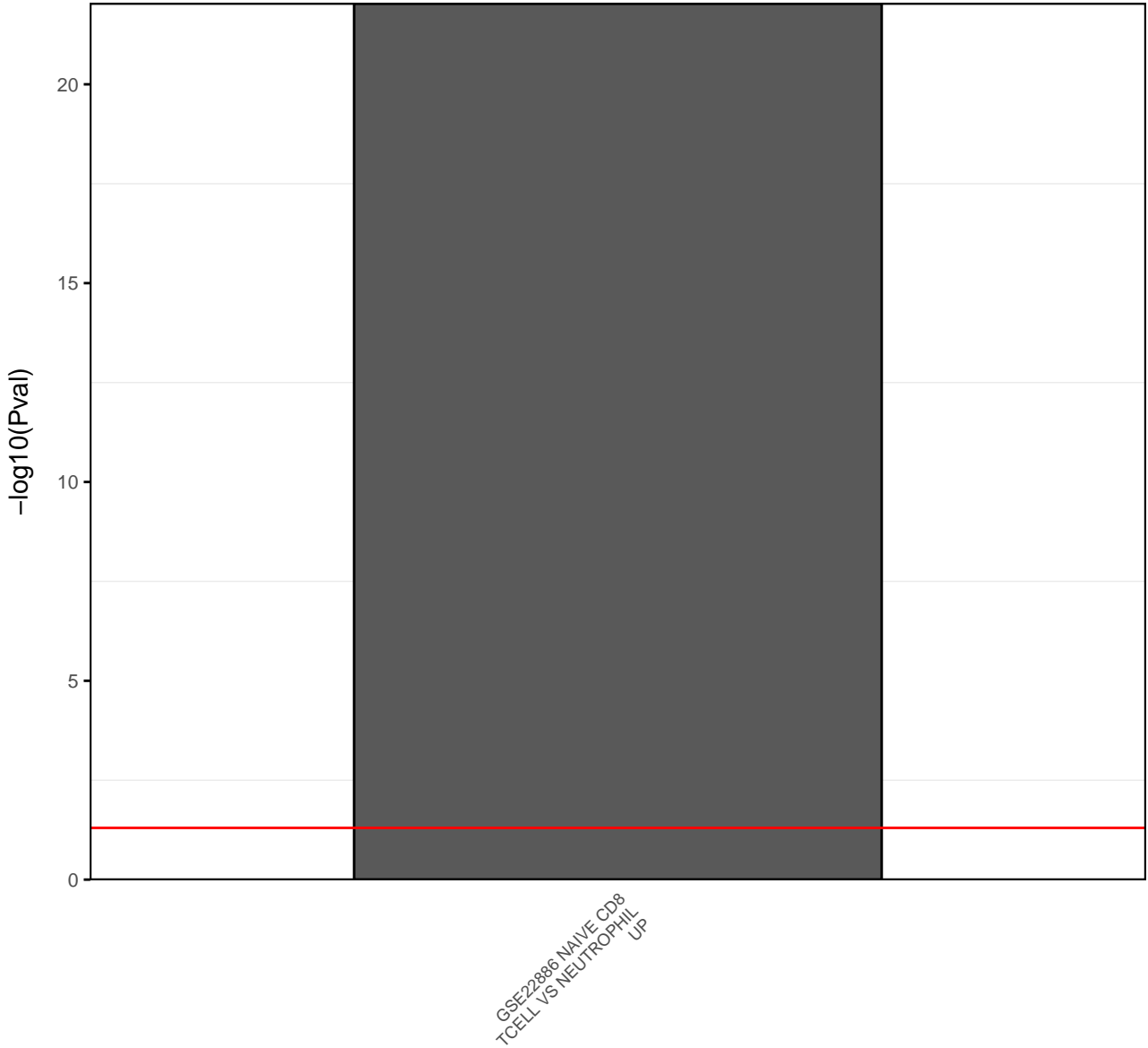


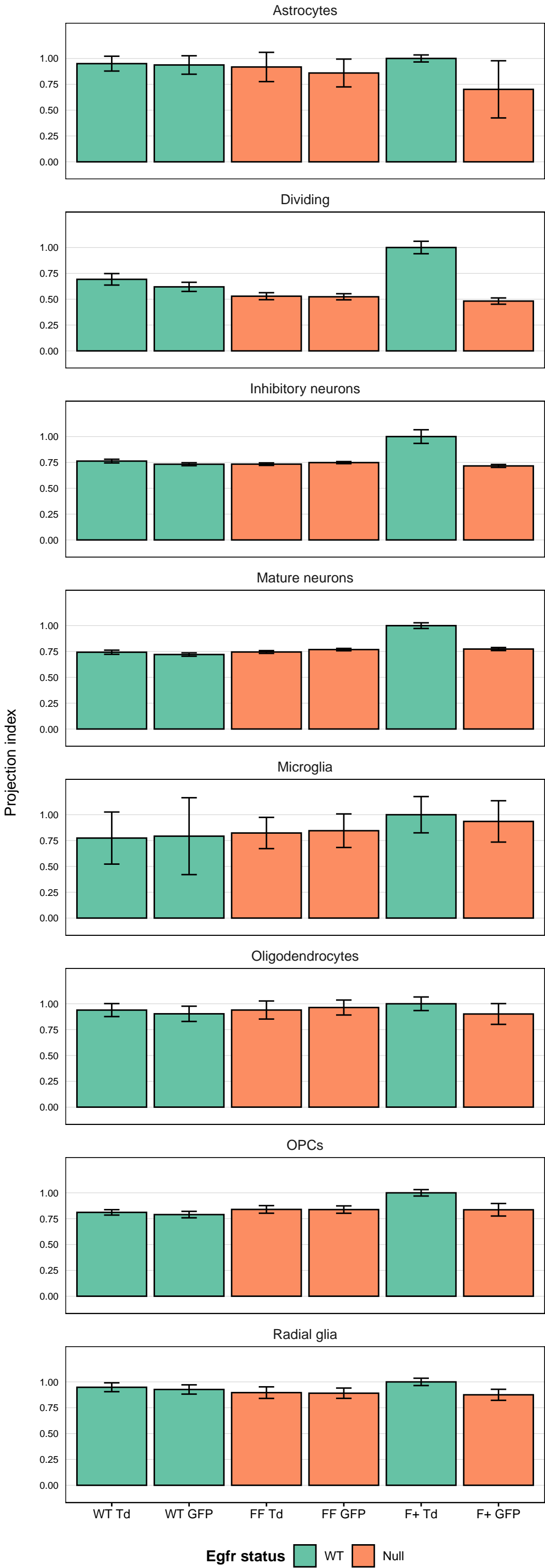
turquoise module
Top 100 by kME
Bicor-None_signum0.508_minSize10_merge_ME_0.85_18566



Top genes by kME

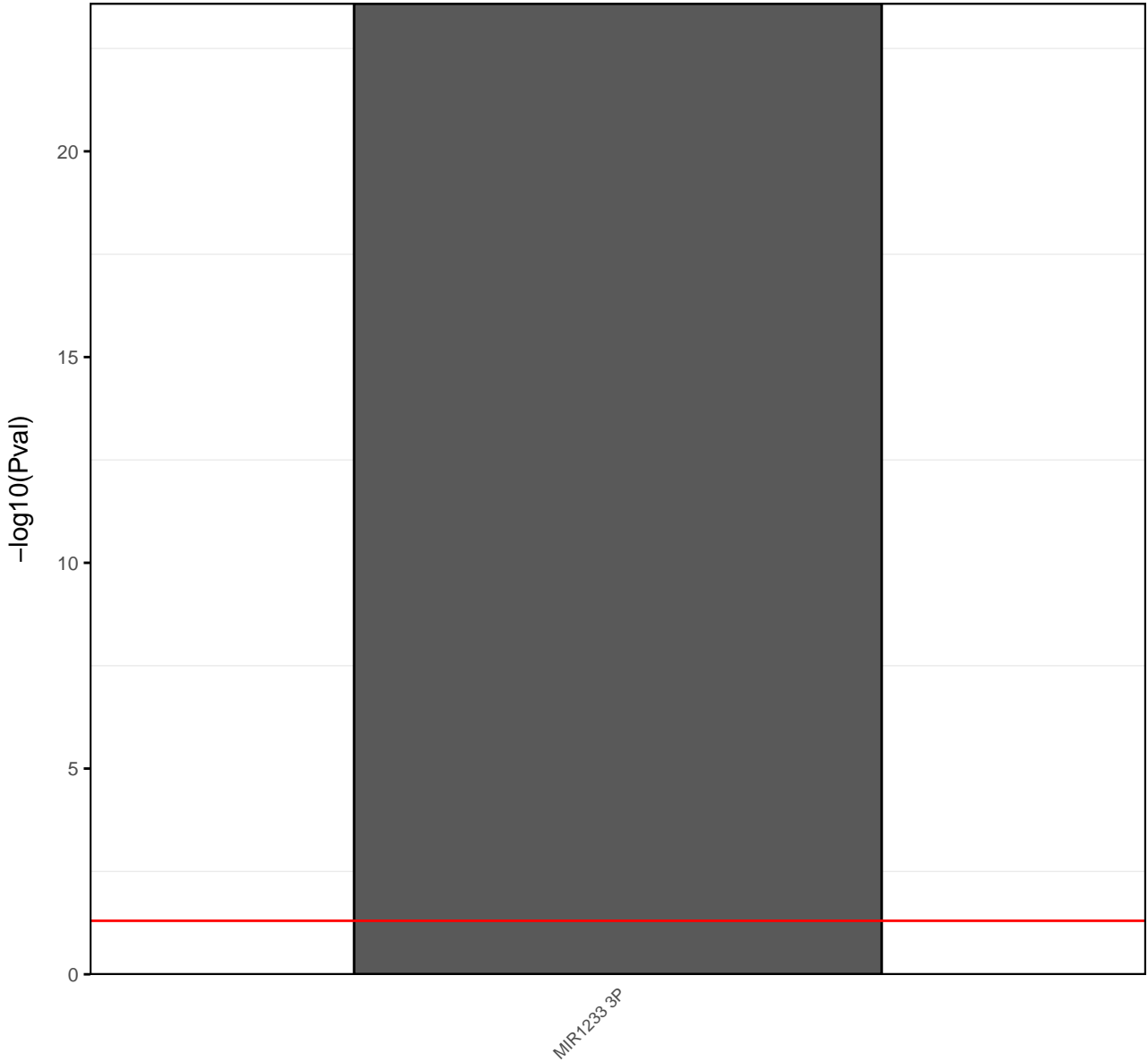
Frmpd4
Fhod3
Pdzd2
Kcnh1
Cadm2
Tspan5
Prickle1
Sel1l3
Klhl1
Adgrl2
Gucy1b1
Sorcs1
Kcnh5
Klhl29
Carmil1
Ablim1
Syndig1
Pcdh7
Slc35f1
Ldlrad4



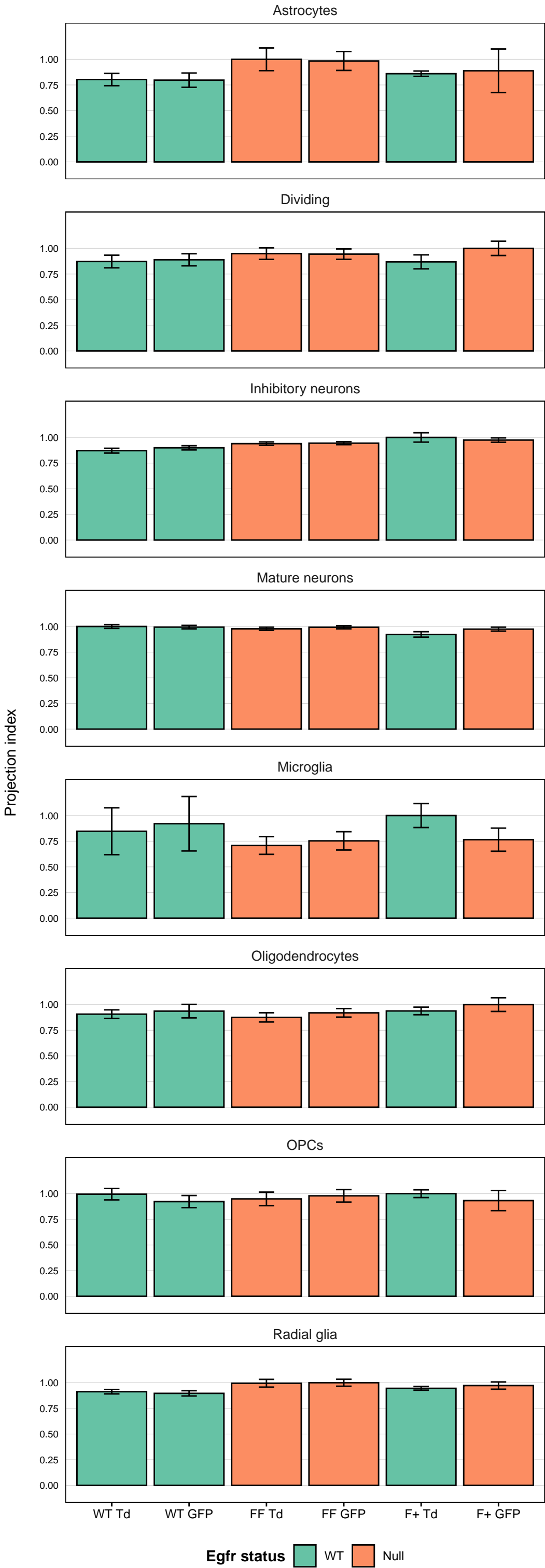


Top genes by kME

Igfbp2
Jph4
Btbd9
Antxr1
Mink1
Cnksr3
Rgma
Aldoa
Sorcs2
Slc9a3r1
Csdcd2
Pcsk6
Acaa2
Myl9
Pltp
Palld
Chst11
Cd81
Sparc
Eepd1

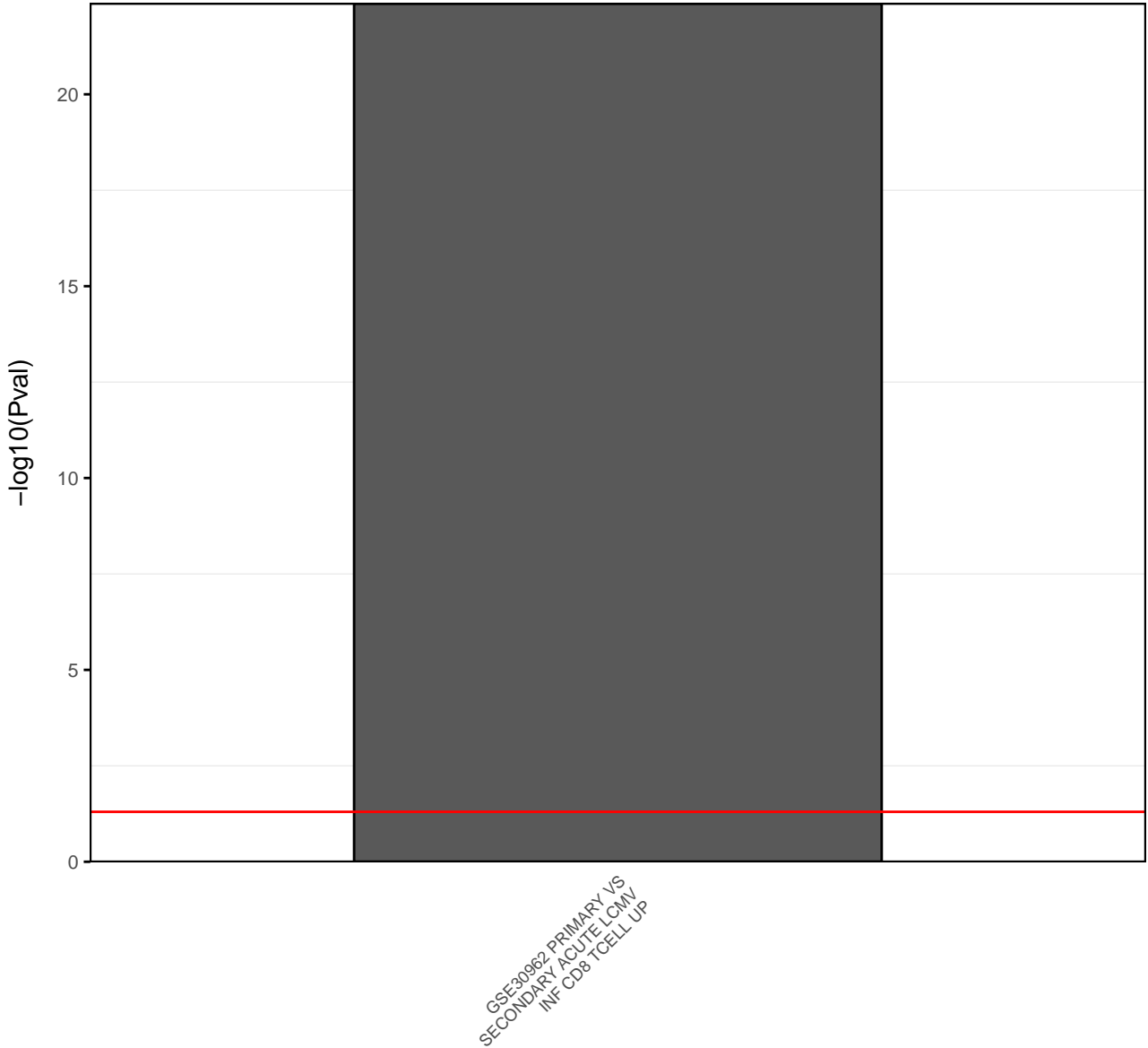


darkgreen module
Top 100 by kME
Bicor-None_signum0.577_minSize10_merge_ME_0.85_18566

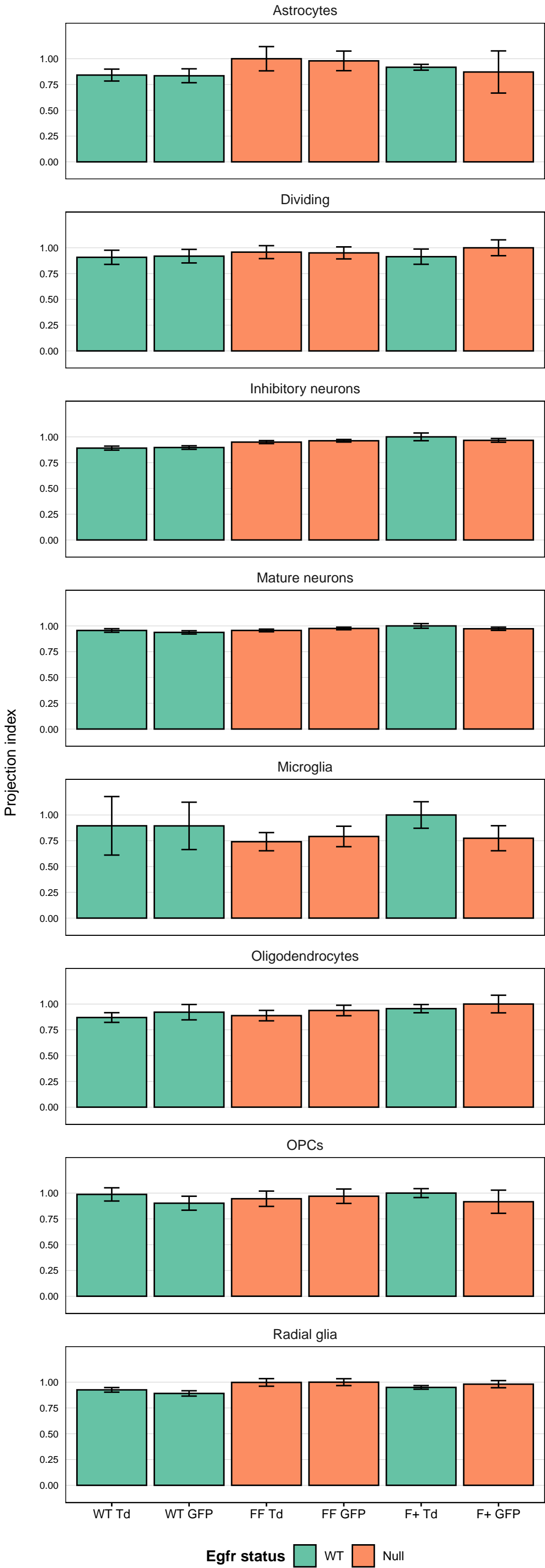


Top genes by kME

Bub1b
Ccnb1
Pbk
Ect2
Nuf2
Dhfr
Smc2
Neil3
Brca1
Anp32e
Top2a
Ncapg2
Esco2
Bub1
Ncapd2
Gas2l3
Racgap1
Kn1
Tacc3
Ckap2

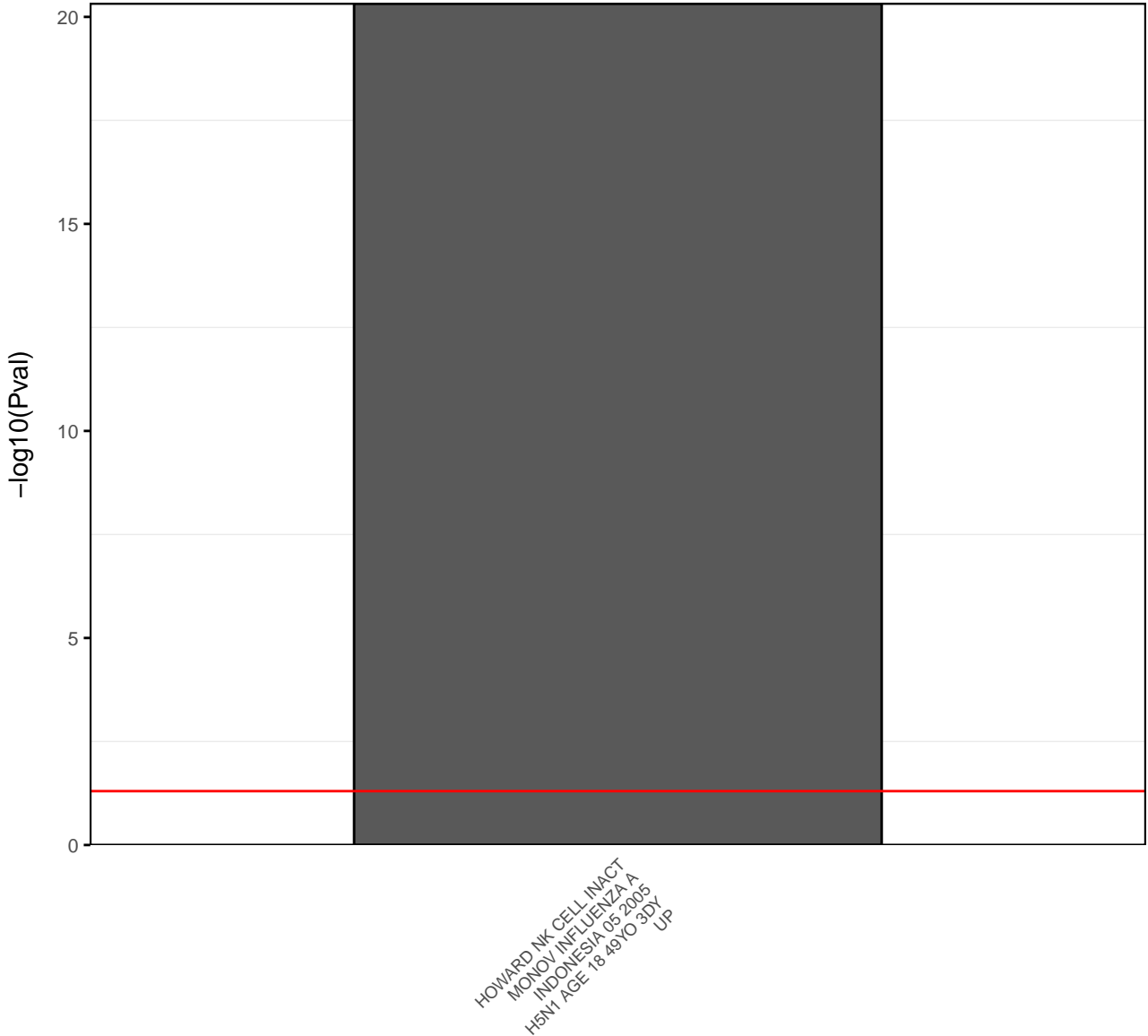


whitesmoke module
Top 100 by kME
Bicor-None_signum0.577_minSize10_merge_ME_0.85_18566

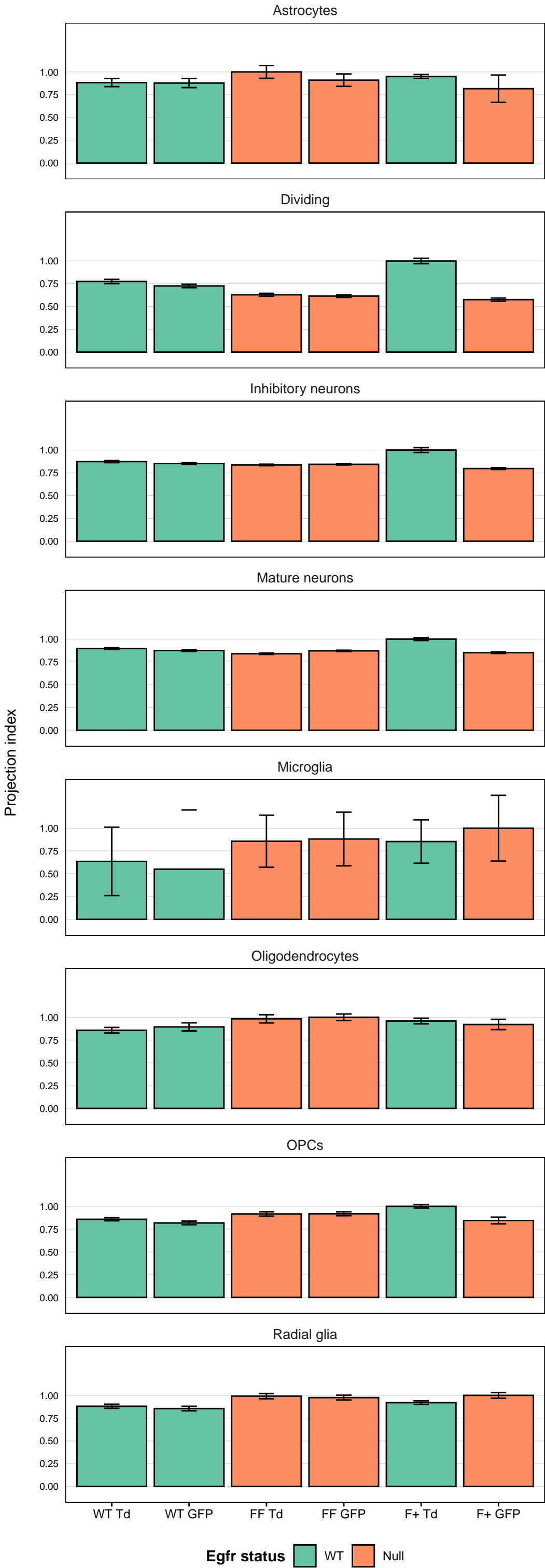


Top genes by kME

Cenpe
Mki67
Cenpf
Ckap2l
Aspm
Mis18bp1
Smc4
Kif20b
Cep55
Hmgb2
Hmmr
Sgo2a
Dlgap5
Tpx2
Plk1
Incenp
Arhgap11a
Cdca3
Nusap1
Prc1

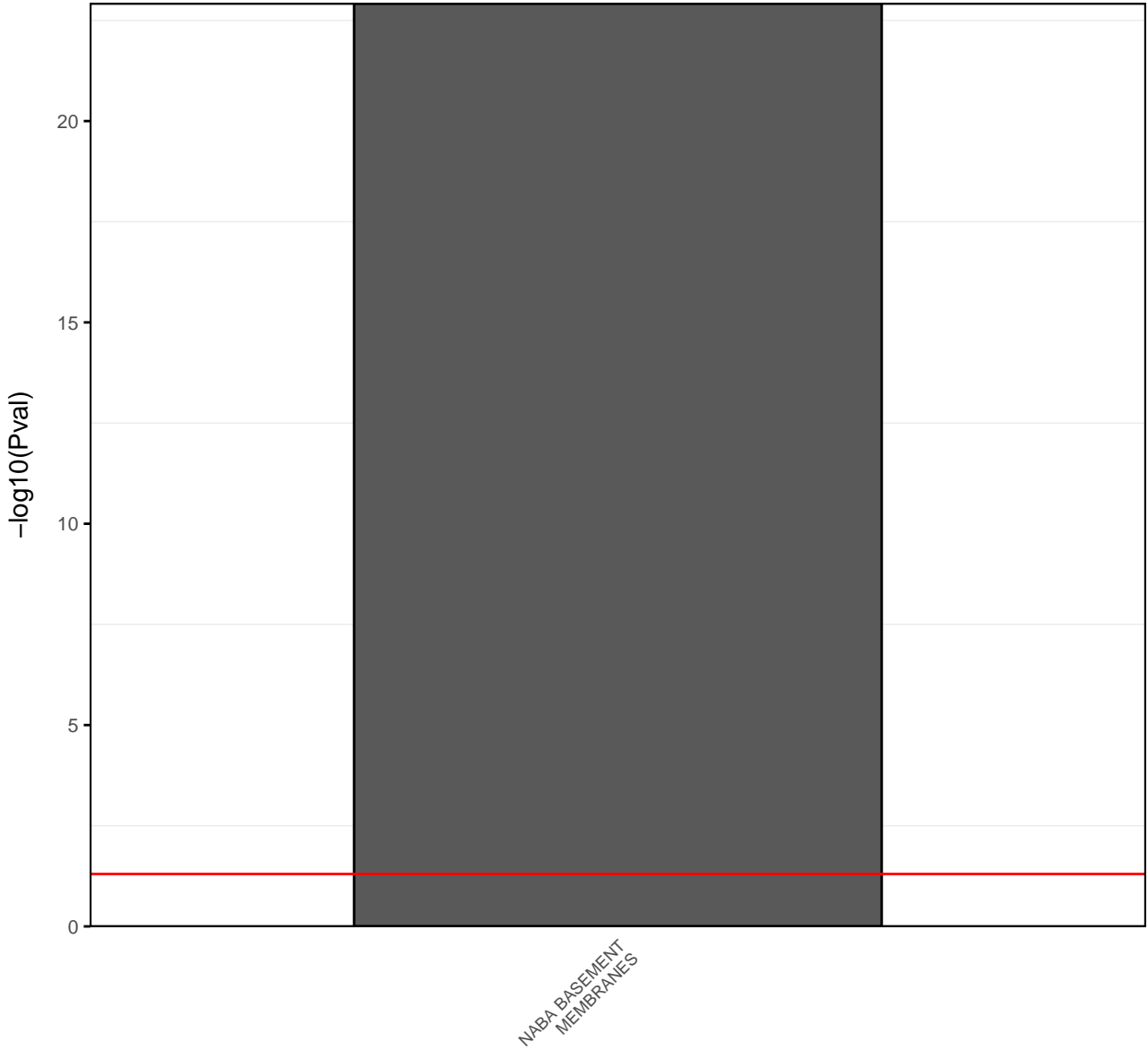


brown module
Top 100 by kME
Bicor-None_signum0.551_minSize10_merge_ME_0.85_18566

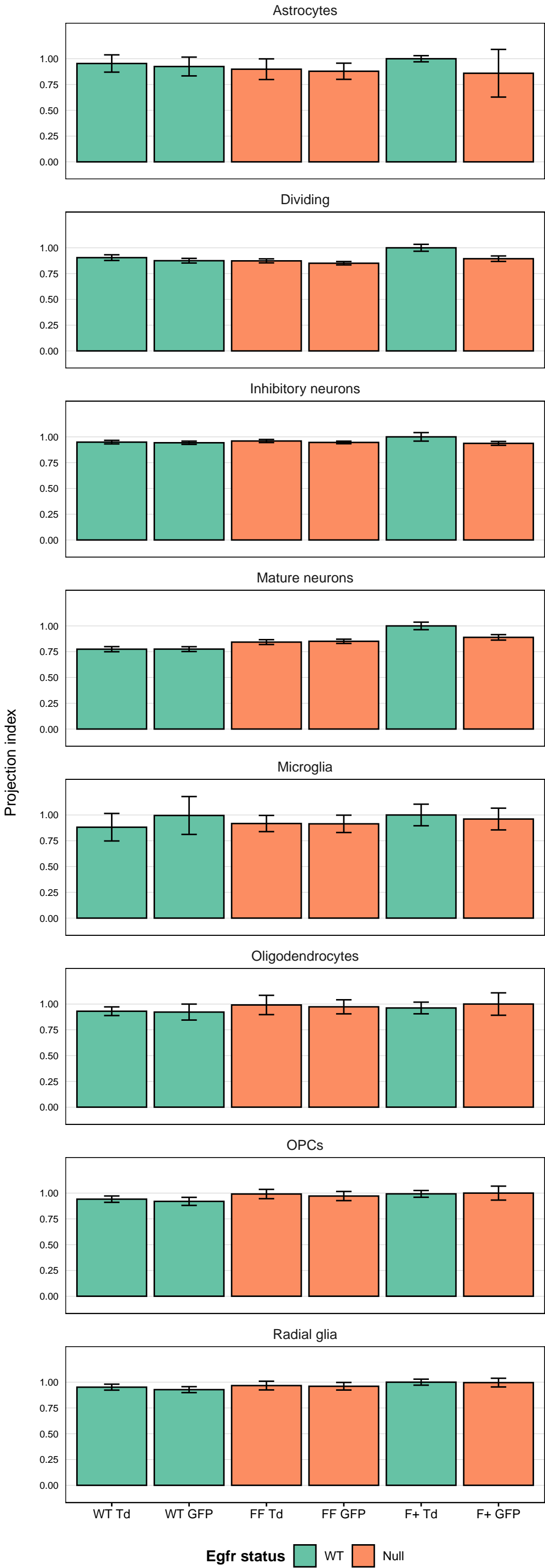


Top genes by kME

Cxcl12
Slc7a11
Pmp22
Bmp6
Eya2
Ano6
Notch2
Islr
Svil
Ror1
Bicc1
Igf2
Ptpn13
Mrc1
Adam12
Zic4
Adamts12
Dab2
Adamts9
Cfh



turquoise module
Top 100 by kME
Bicor-None_signum0.551_minSize10_merge_ME_0.85_18566



Top genes by kME

Dut
Selenoh
Hspa5
Brip1os
Eda
Oat
Ldha
Cadps
Adcy8
Mpzl1
Arl6ip1
Grid1
Cxadr
Gabrg2
Psap
Svop
Tubb2b
Add3
Uchl1
Dclk2

