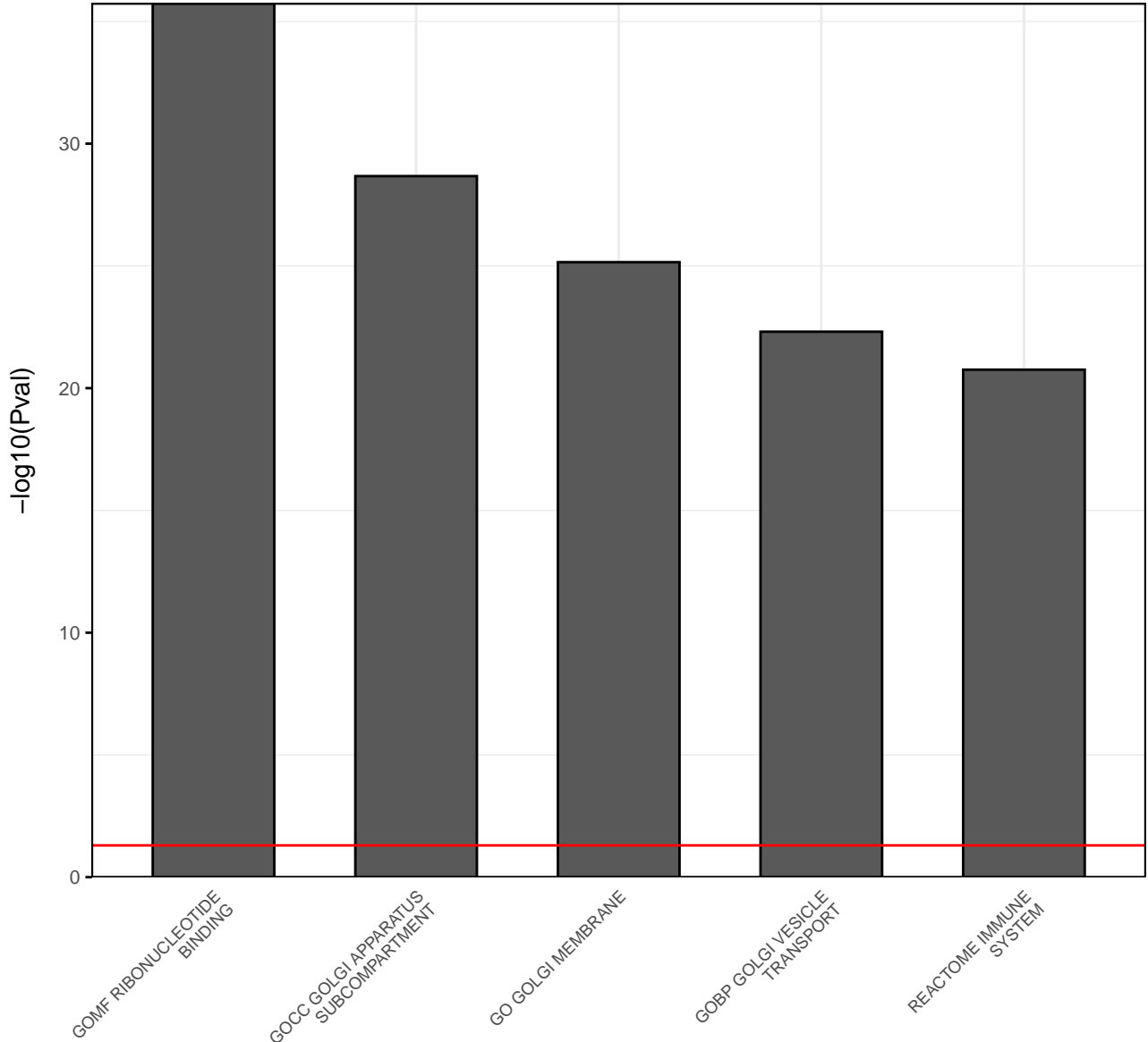


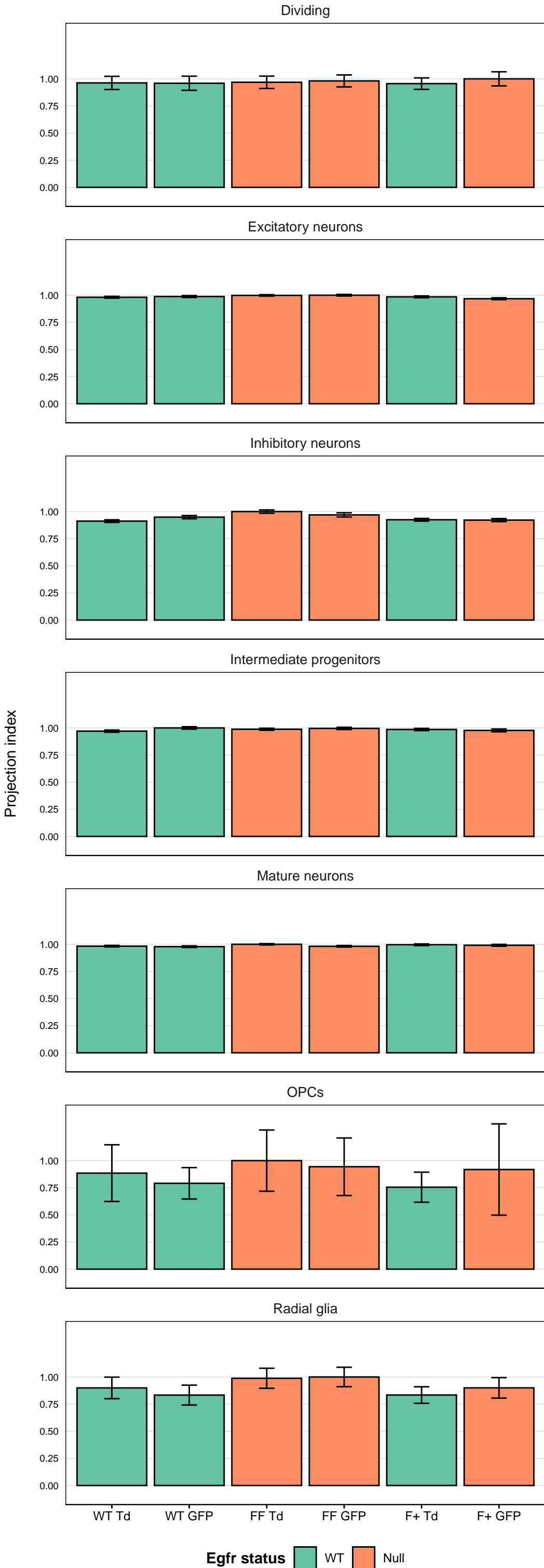
Top genes by kME

Zyg11b
Pafah1b1
Klhdc10
Otud5
Stau1
Gfpt1
Pan3
Abl2
Xrn1
Mga
Uba1
Strn
Kmt2e
Gapvd1
Smg6
9930021J03Rik
Cdk19
Fam117b
Atf2
Fbxl20



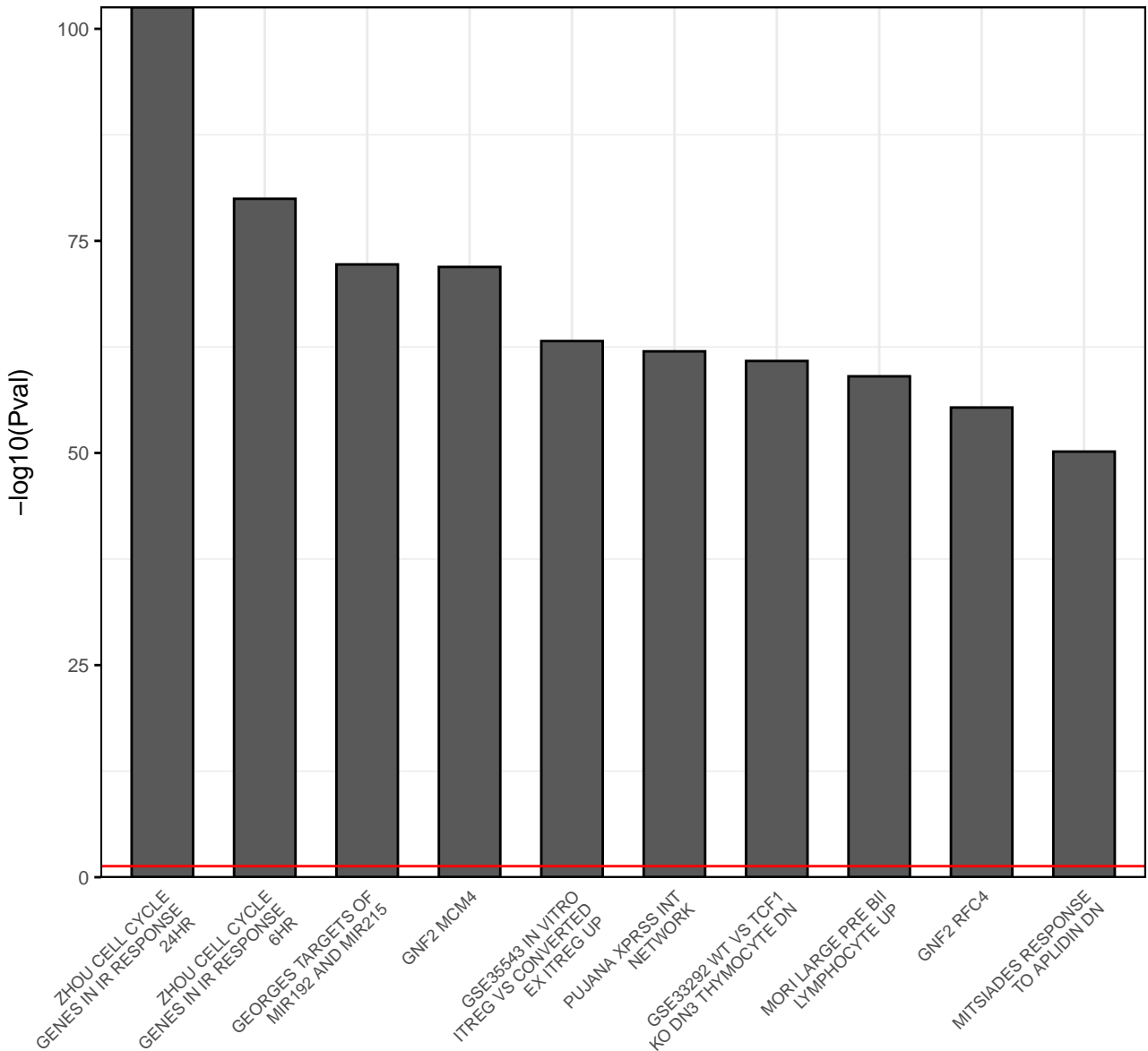
blue module
Top 100 by kME

Bicor=None_signum0.807_minSize15_merge_ME_0.85_25509



Top genes by kME

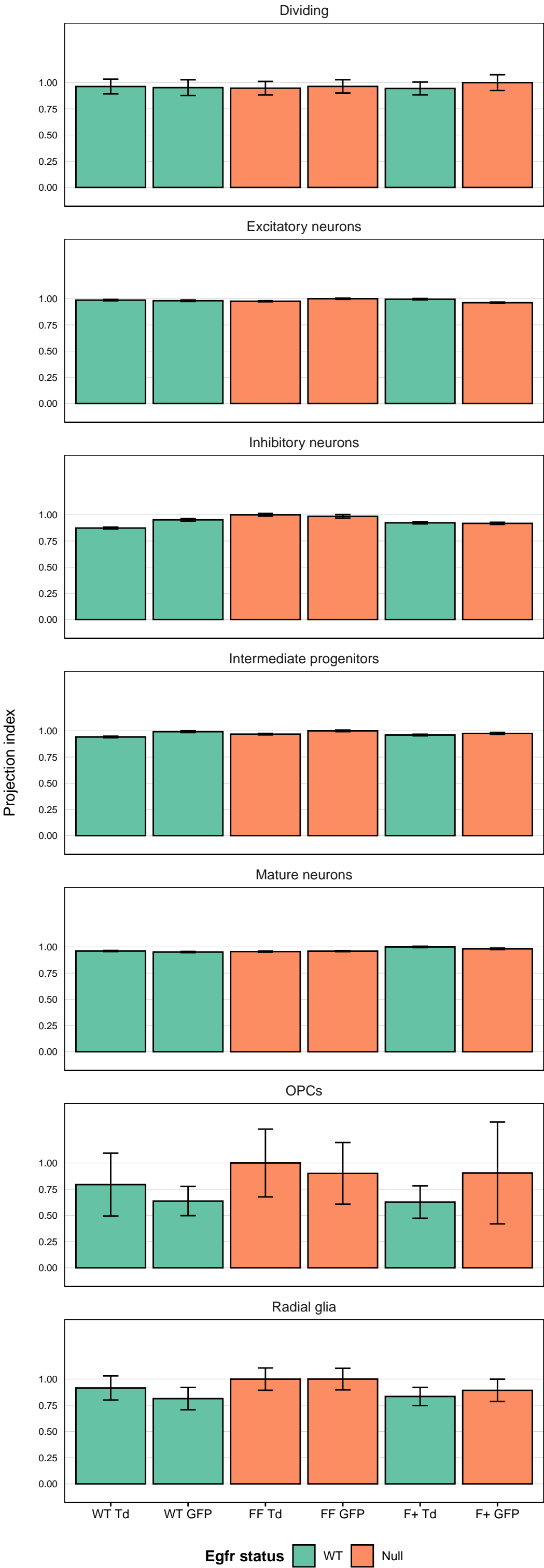
B430010I23Rik
Zfp85
Kcne1l
Tmem253
Gm48780
Gpank1
Acaa2
Frmd8
Gm17655
D17H6S53E
Ppfibp2
Aga
Gm16153
5930430L01Rik
Kctd12b
0610009E02Rik
Gm5441
Gm31105
Cox20
Wdr5b



black module

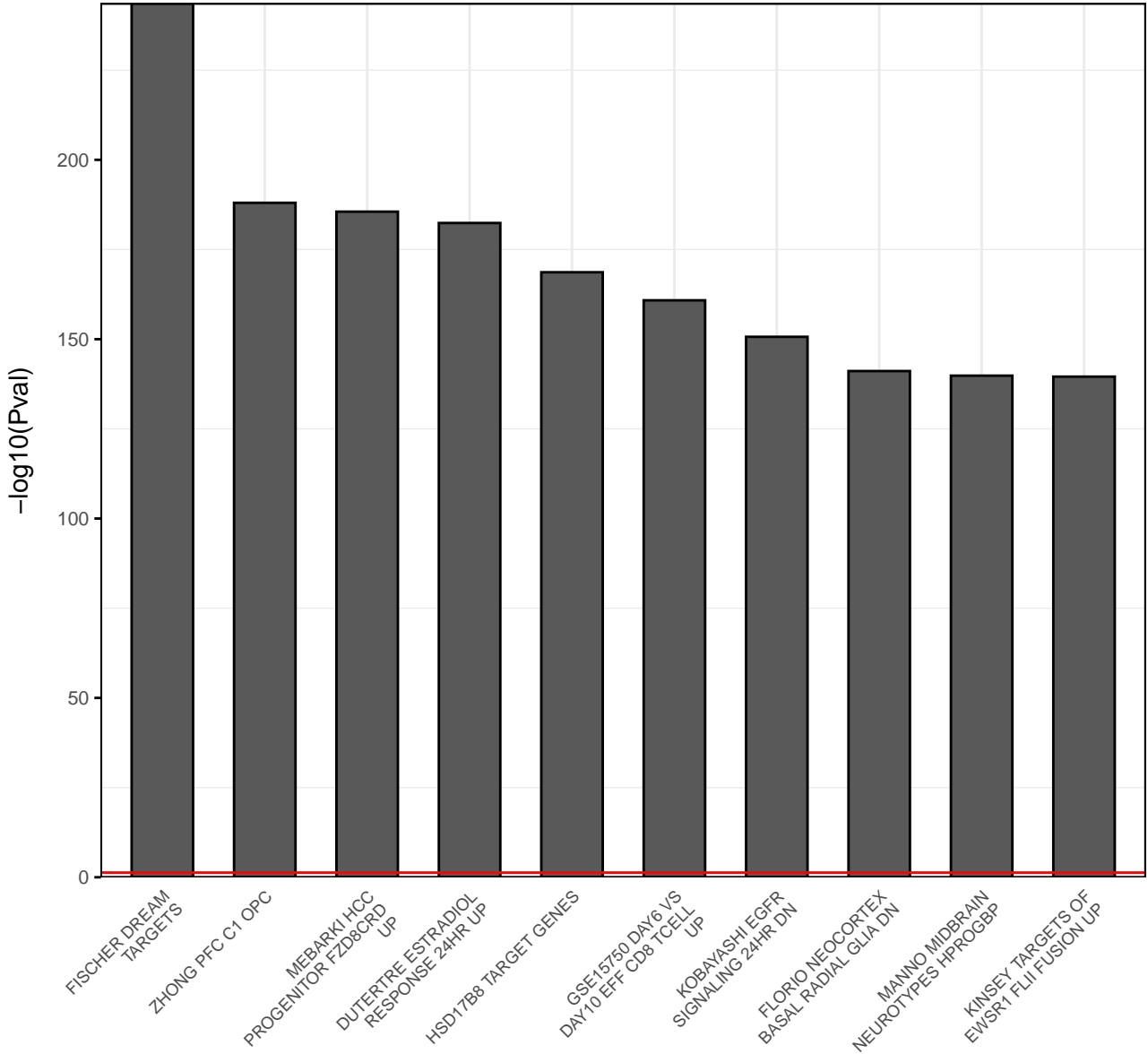
Top 100 by kME

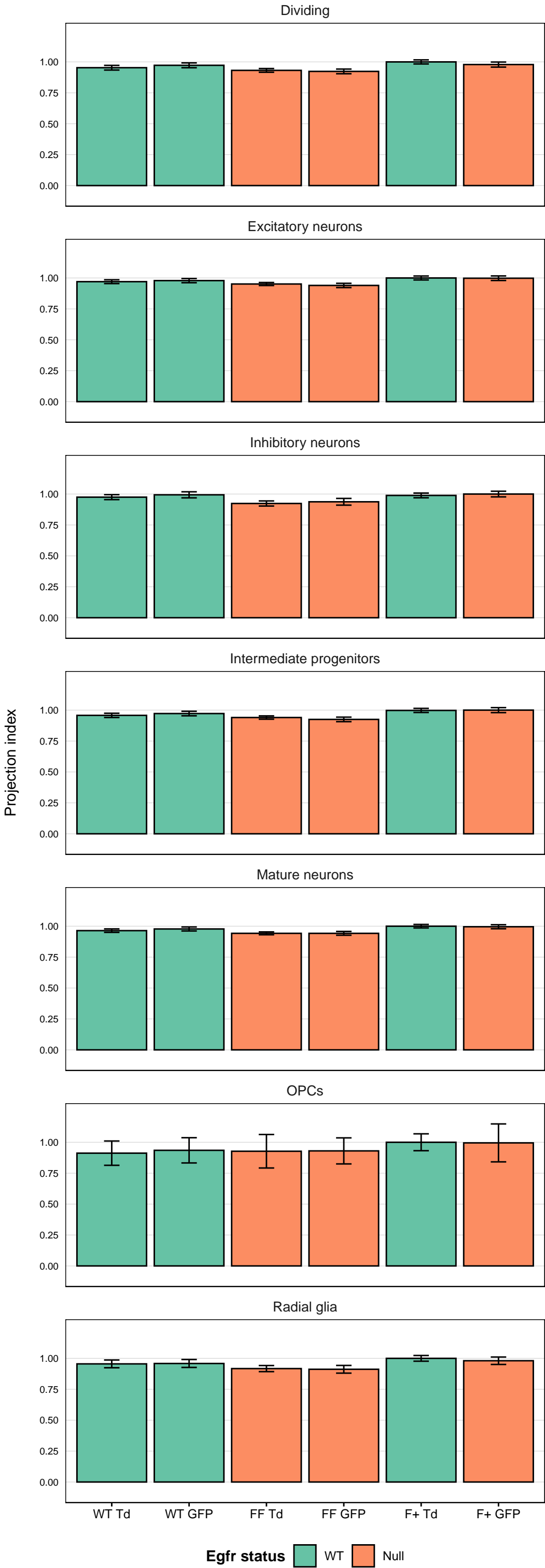
Bicor-None_signum0.698_minSize15_merge_ME_0.85_25509



Top genes by kME

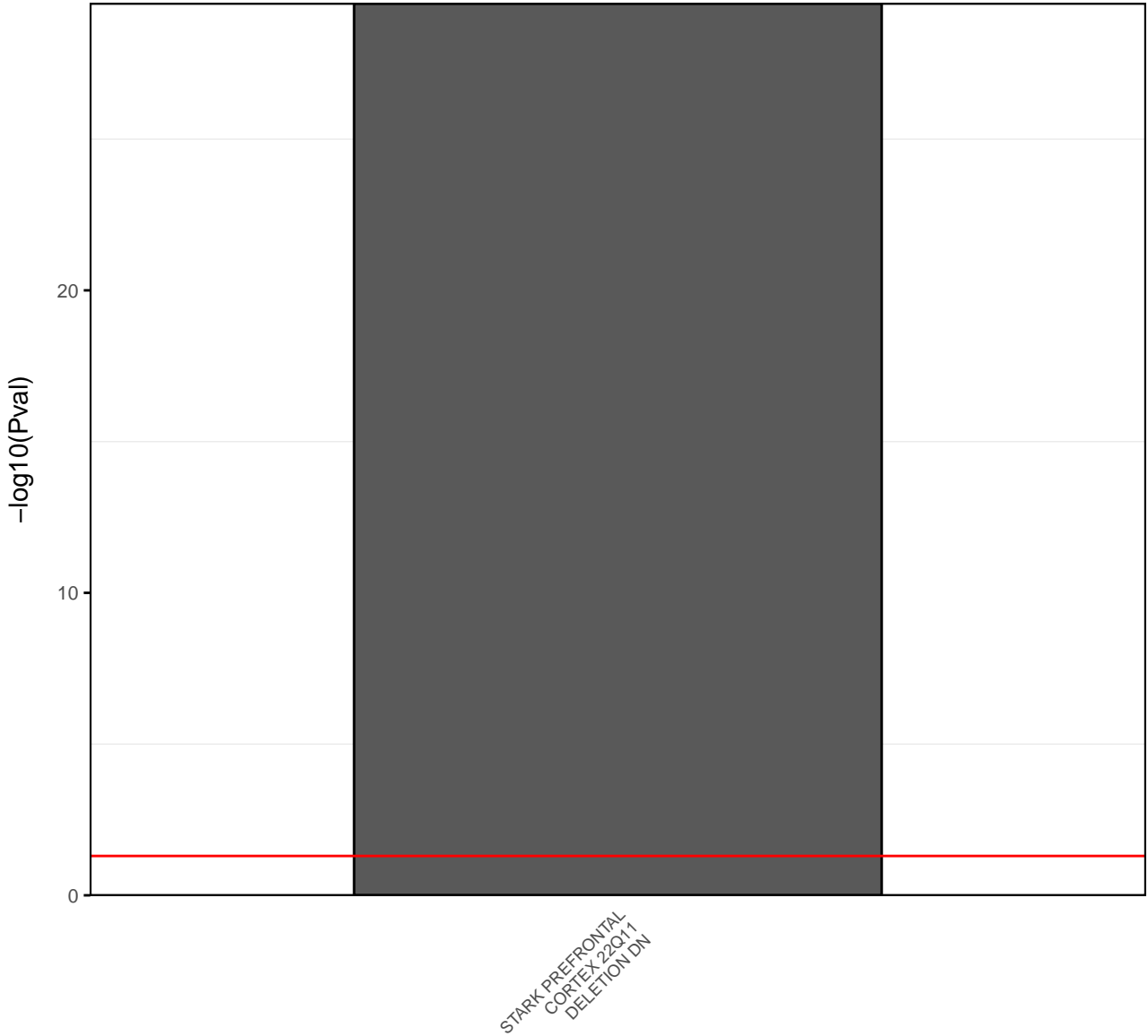
Nuf2
Nusap1
Kif11
Racgap1
Cdca2
Smc2
Knstrn
Lig1
Rrm2
Ect2
Ccnb1
Bub1
Anp32b
Rnaseh2b
Kif23
Nek2
Mcm3
Tpmo
Exo1
Dbf4

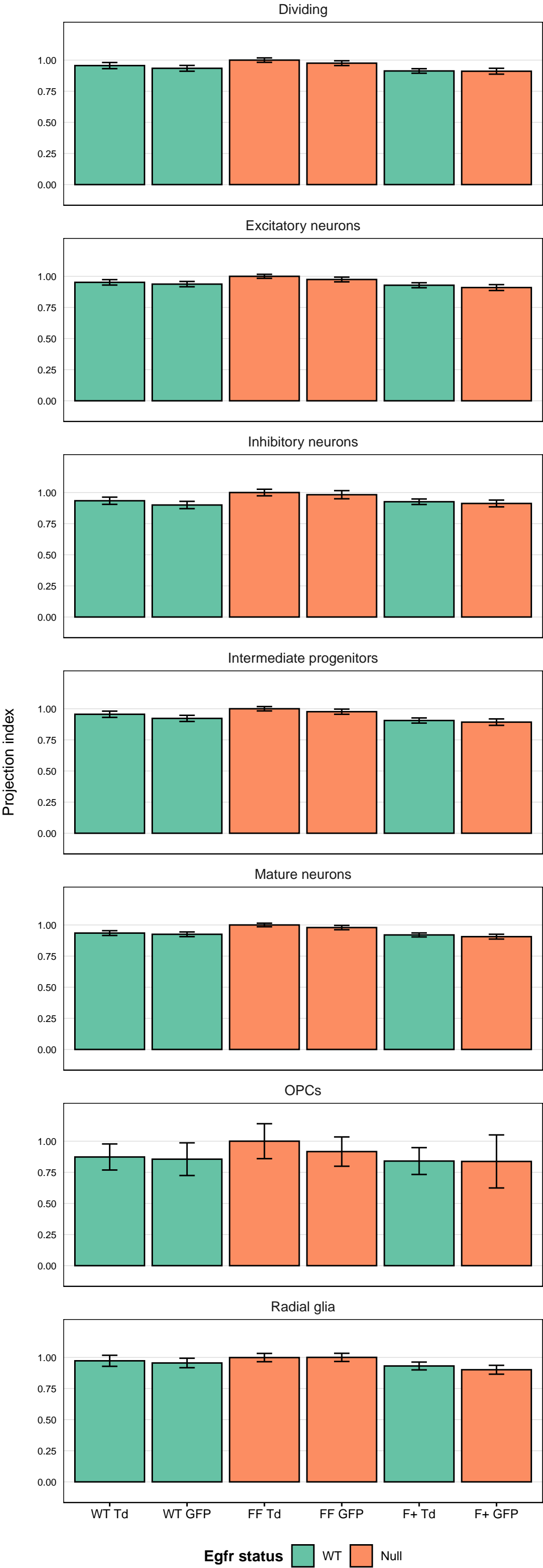




Top genes by kME

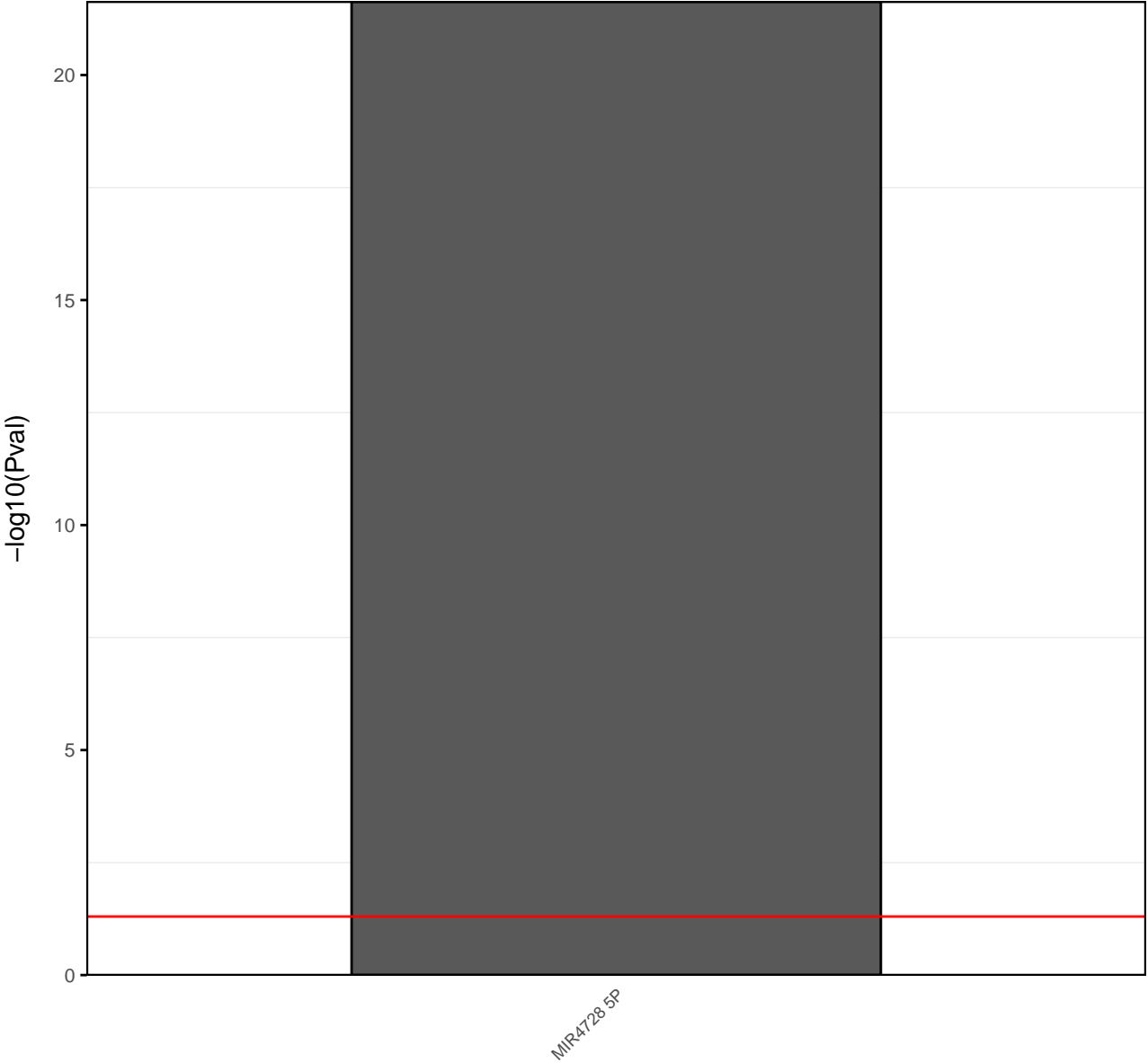
Eif2b4
Mtch2
Ccgc32
Hars2
Edem2
Cct4
Pdxdc1
Acad9
Spcs2
P4hb
Iars2
Actr10
Tmem189
Ccgc22
Lrrc42
Ogfr
Ahsa2
Inpp5k
Pus7
Arhgdia



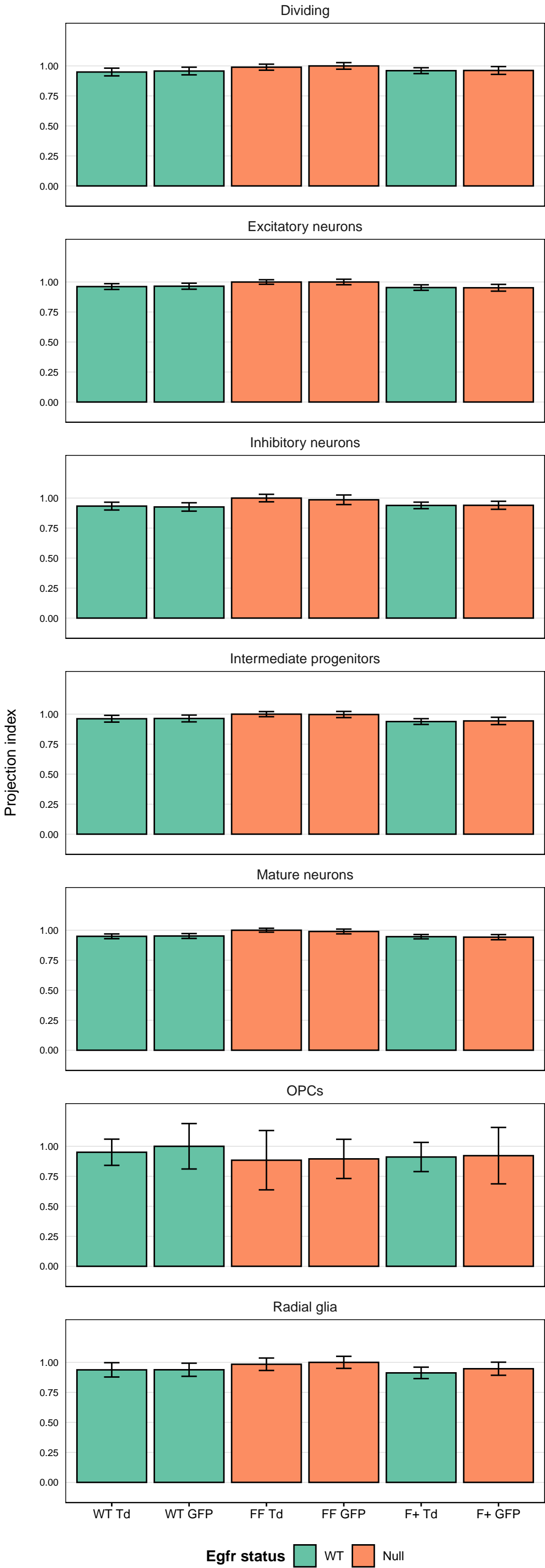


Top genes by kME

Gm26981
mt-Atp6
Tgfbr2
Unc93b1
Gm34006
Gatm
Gm29863
Lyn
Pglyrp1
Gm15902
Fyb
St3gal6
Itgb5
Dab2
Selenop
Fermt3
Syngn2
Slc38a3
Ehd4
Ctsc

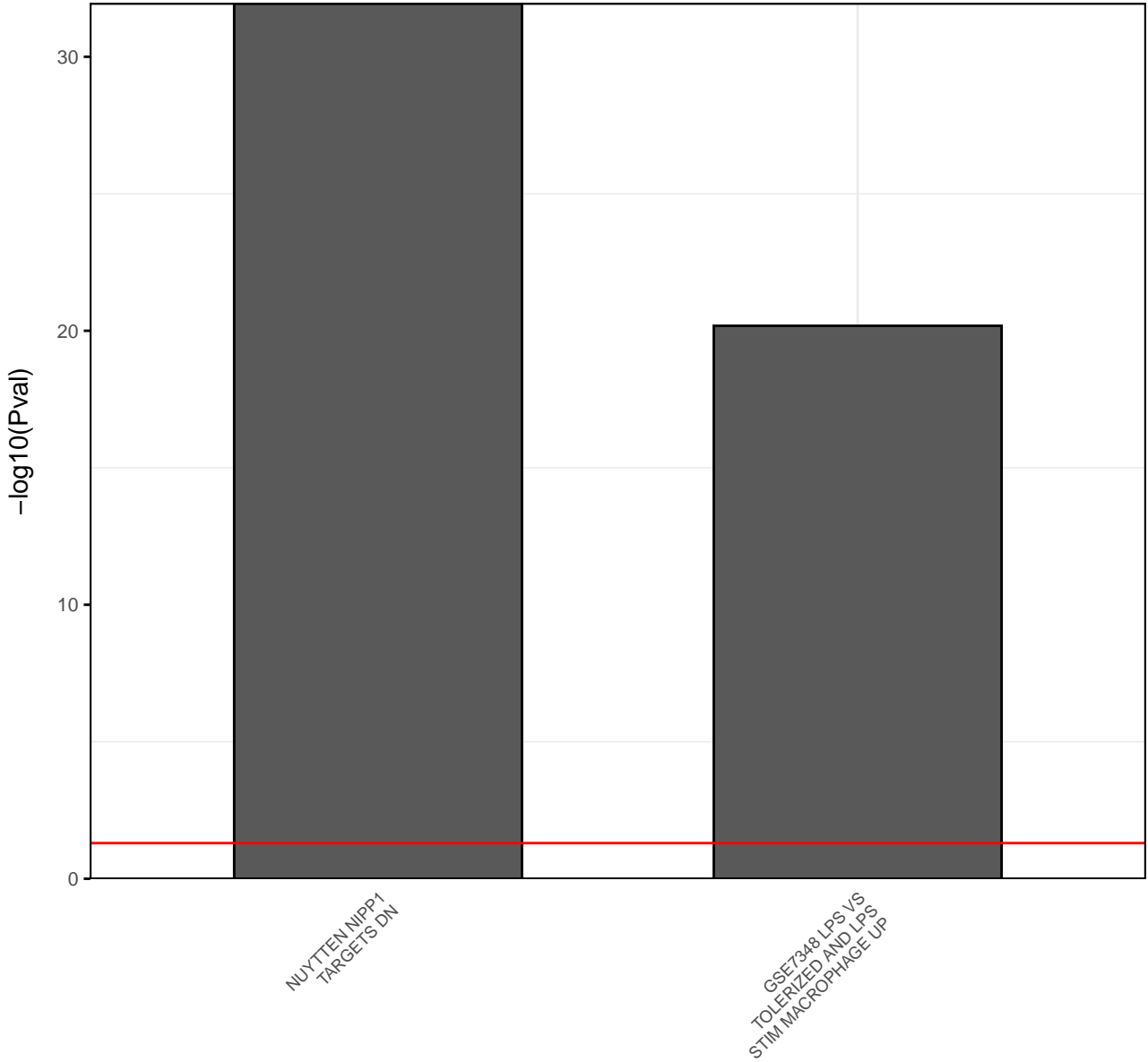


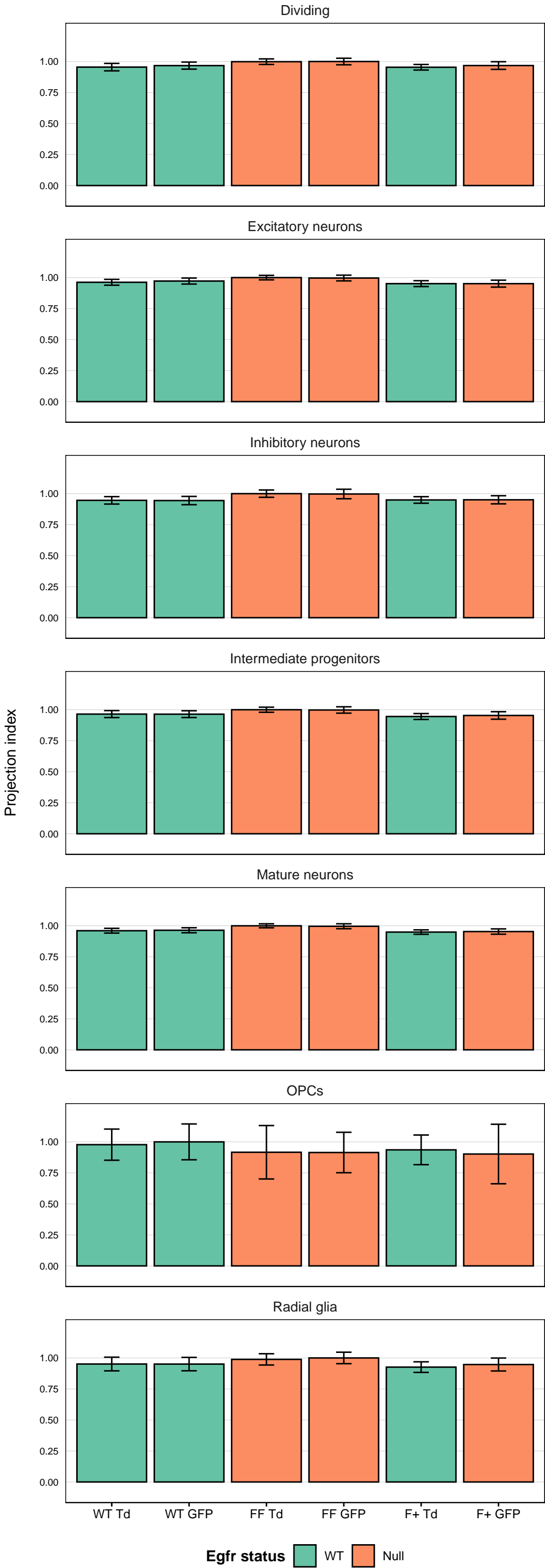
turquoise module
Top 100 by kME
Bicor-None_signum0.698_minSize15_merge_ME_0.85_25509



Top genes by kME

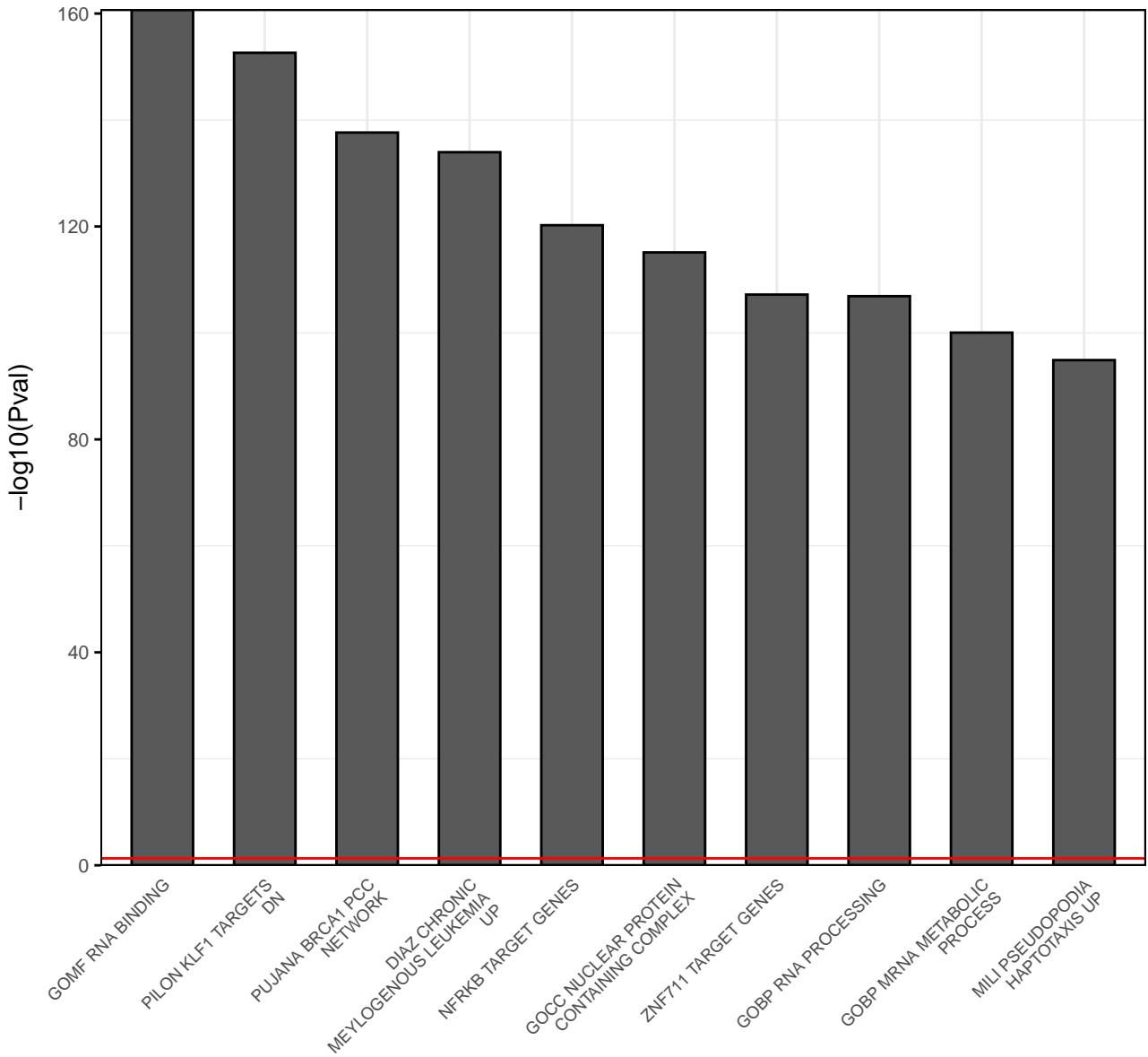
Mapk1ip1l
Kpnb1
Fam98b
Hif1a
U2af2
Pds5a
Msh2
Mbtd1
Ppp6r3
Hnrnpu
Cul5
Set
Asap2
Tardbp
Mcmbp
Eif4g2
Kbtbd2
Ncl
Arhgef2
G3bp1



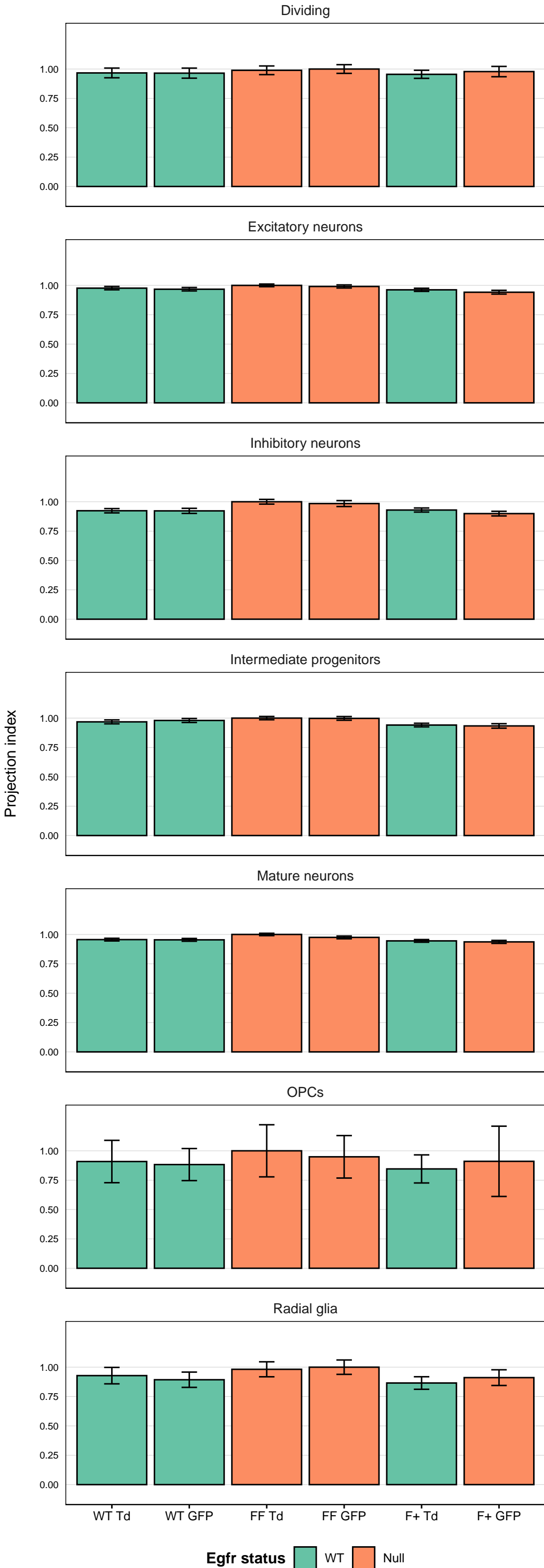


Top genes by kME

St8sia3os
Klhl10
Gm43560
Gm20125
Gm47920
Gm12122
Airn
Gm31812
mt-Atp8
Lncpint
Gm10941
Mafa
Ces5a
Pnpo
Gm43111
Nudt13
Six4
Agpat2
Apobec1
Gm15491

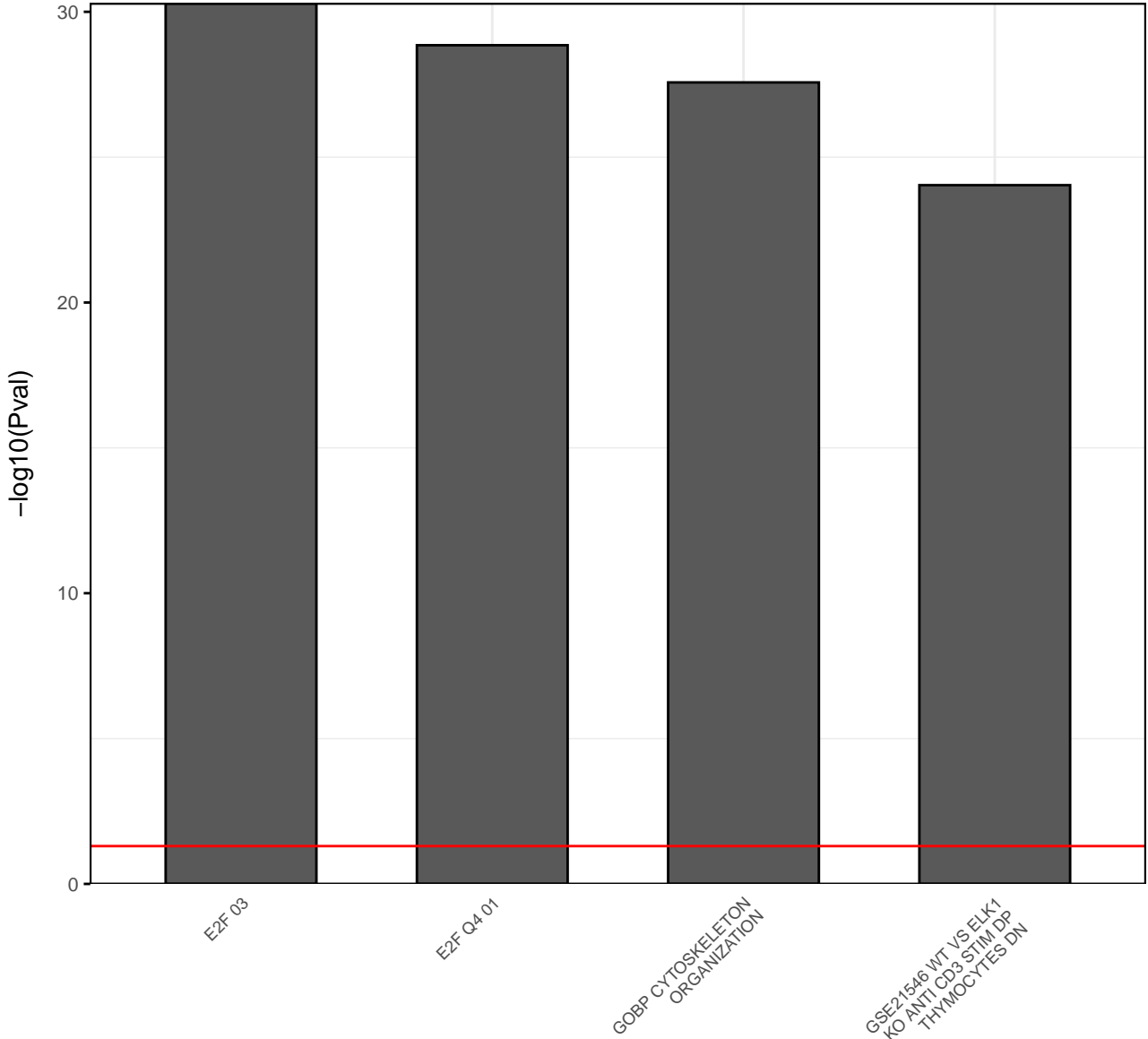


blue module
Top 100 by kME
Bicor-None_signum0.698_minSize20_merge_ME_0.85_25509

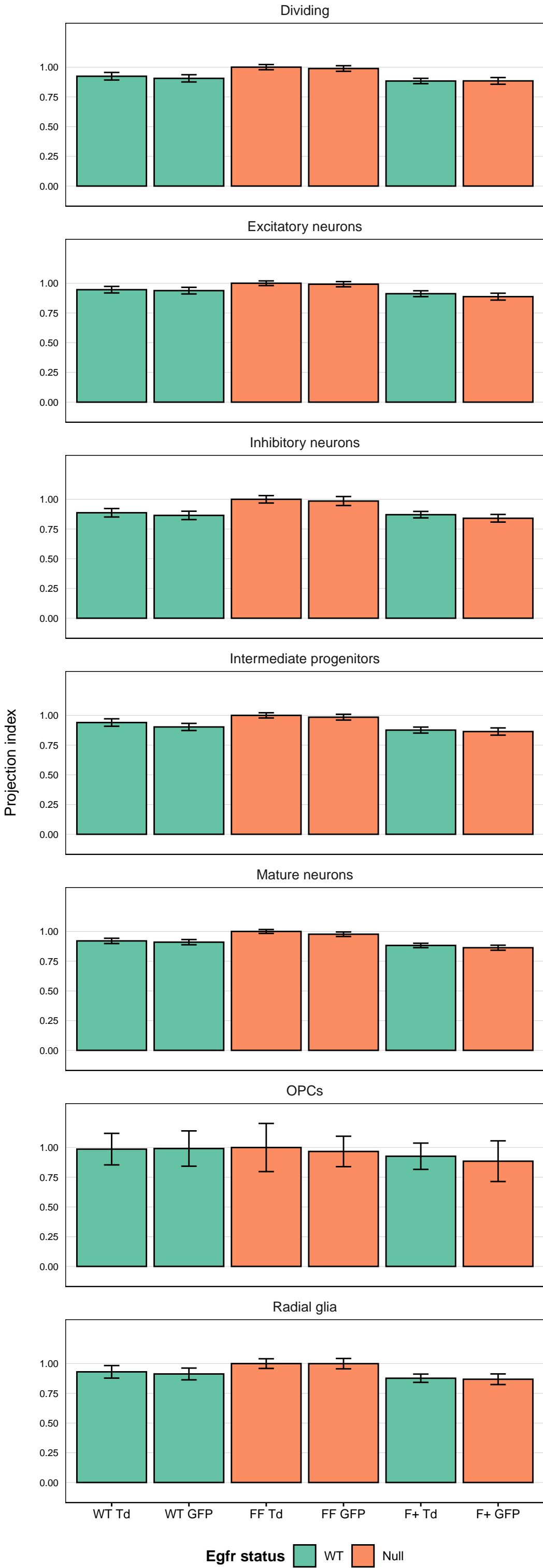


Top genes by kME

Dpp6
Efnb3
Lingo2
Cx3cl1
Sst
Cadm1
Grm7
Grin3a
Shank3
Tmem179
Nalcn
Cacna2d2
Rit2
Grin1
Psd
Zdhc2
Syt1
Spock3
Dmtn
Slc6a1

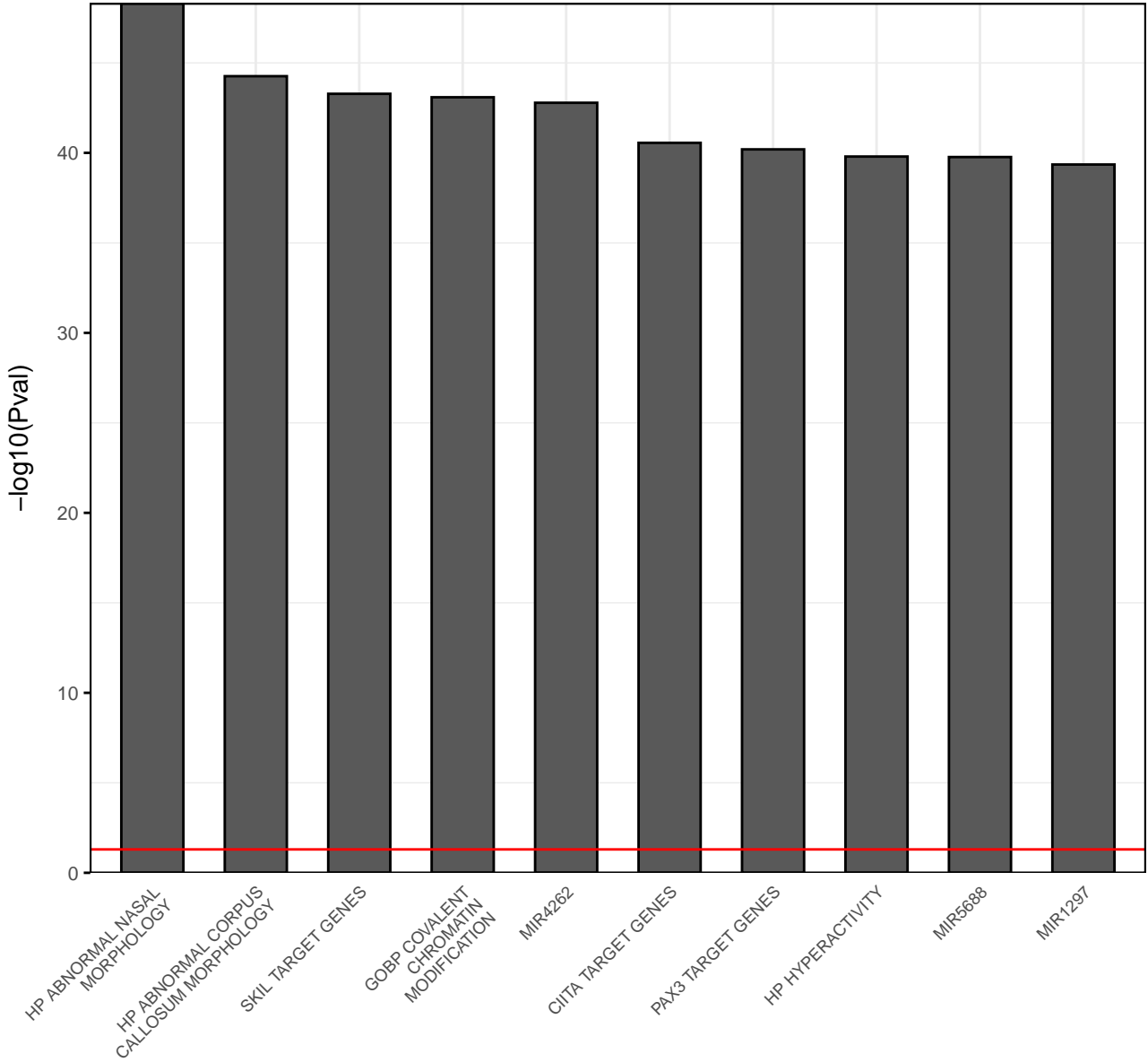


brown module
Top 100 by kME
Bicor-None_signum0.698_minSize20_merge_ME_0.85_25509



Top genes by kME

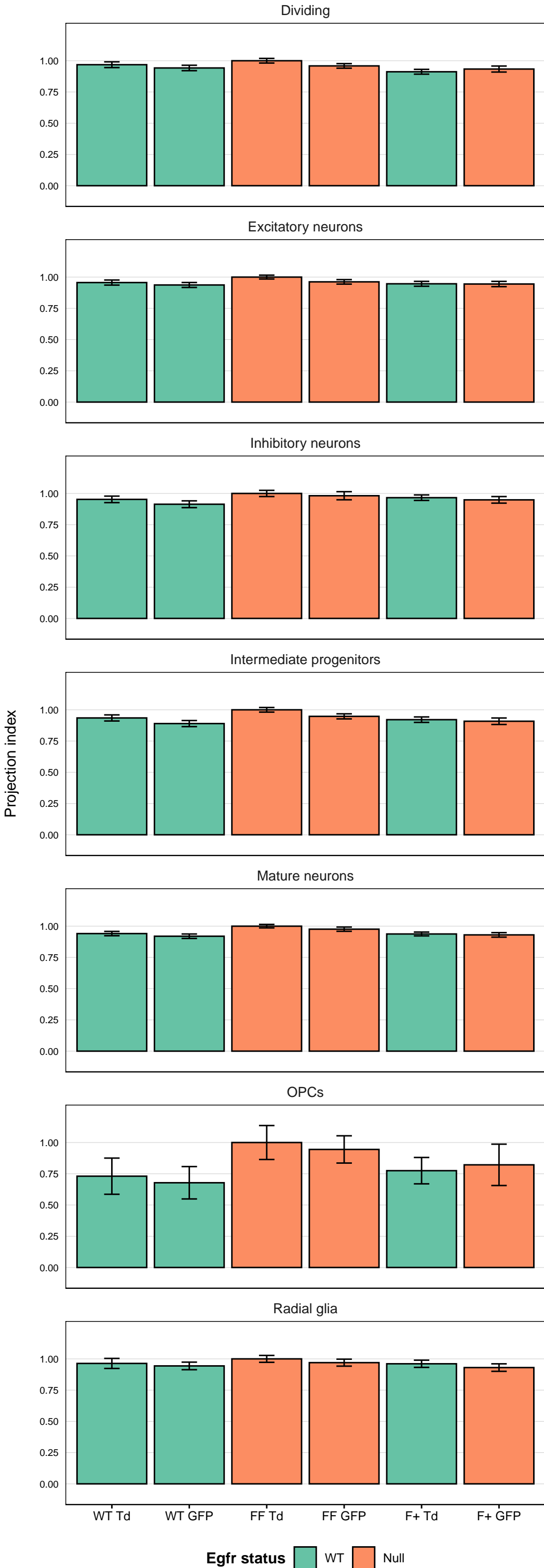
Rad9b
Spata33
6530409C15Rik
BC065397
Atl1
Vmn2r1
Slc25a27
Firre
B130046B21Rik
Tex15
Cfap47
Ccgc62
Tnfrsf23
Nefl
Egfem1
Zfp57
Ppp4r4
Dnah7b
Rln1
Mok



red module

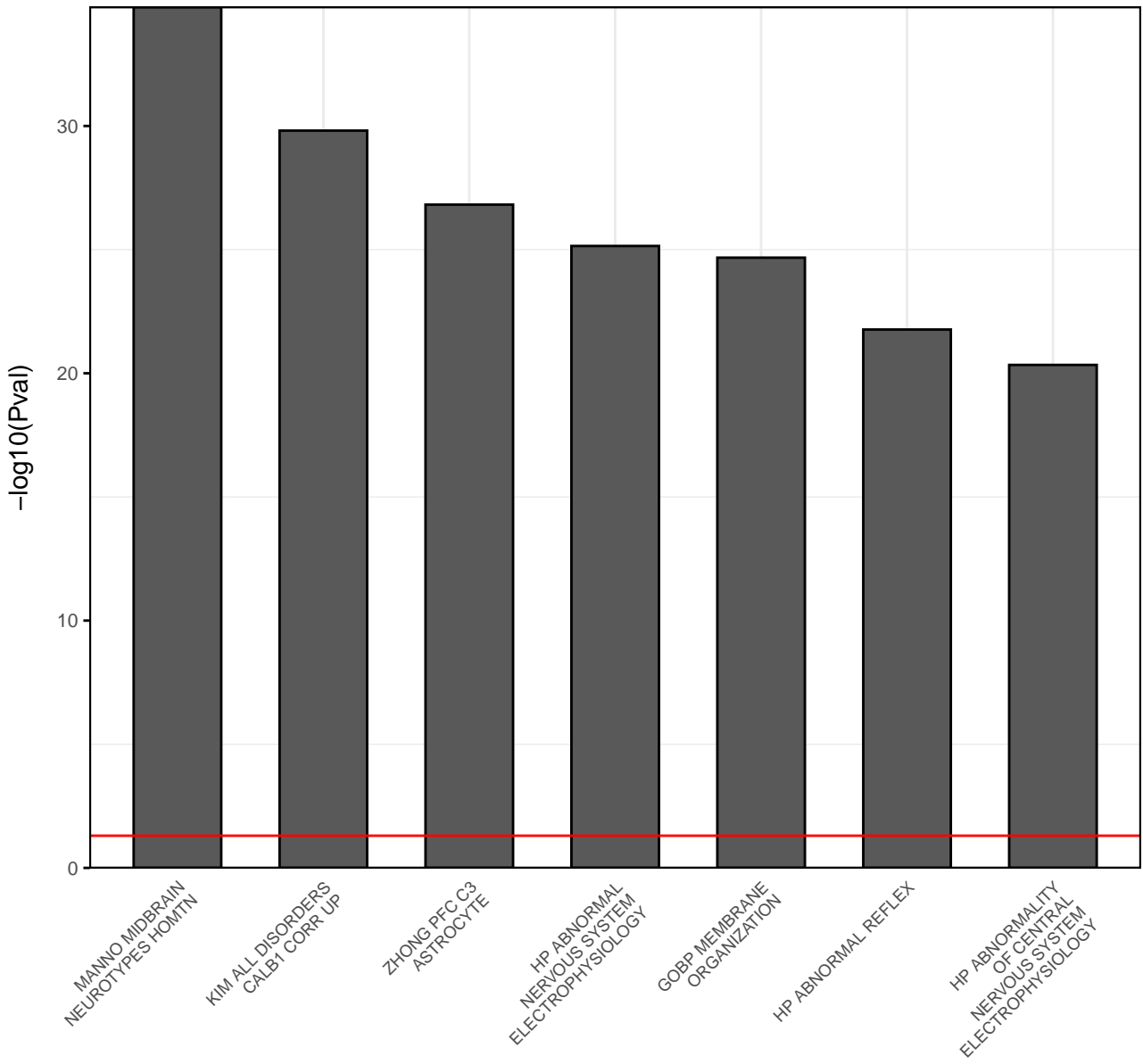
Top 100 by kME

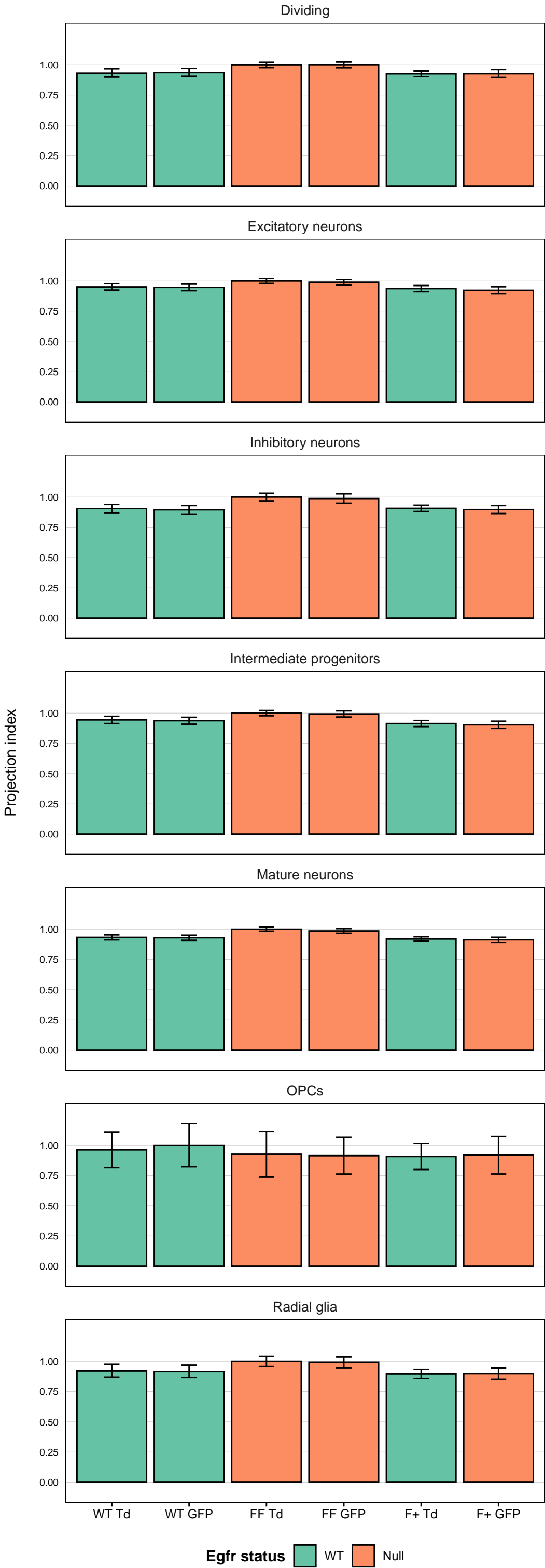
Bicor-None_signum0.698_minSize20_merge_ME_0.85_25509



Top genes by kME

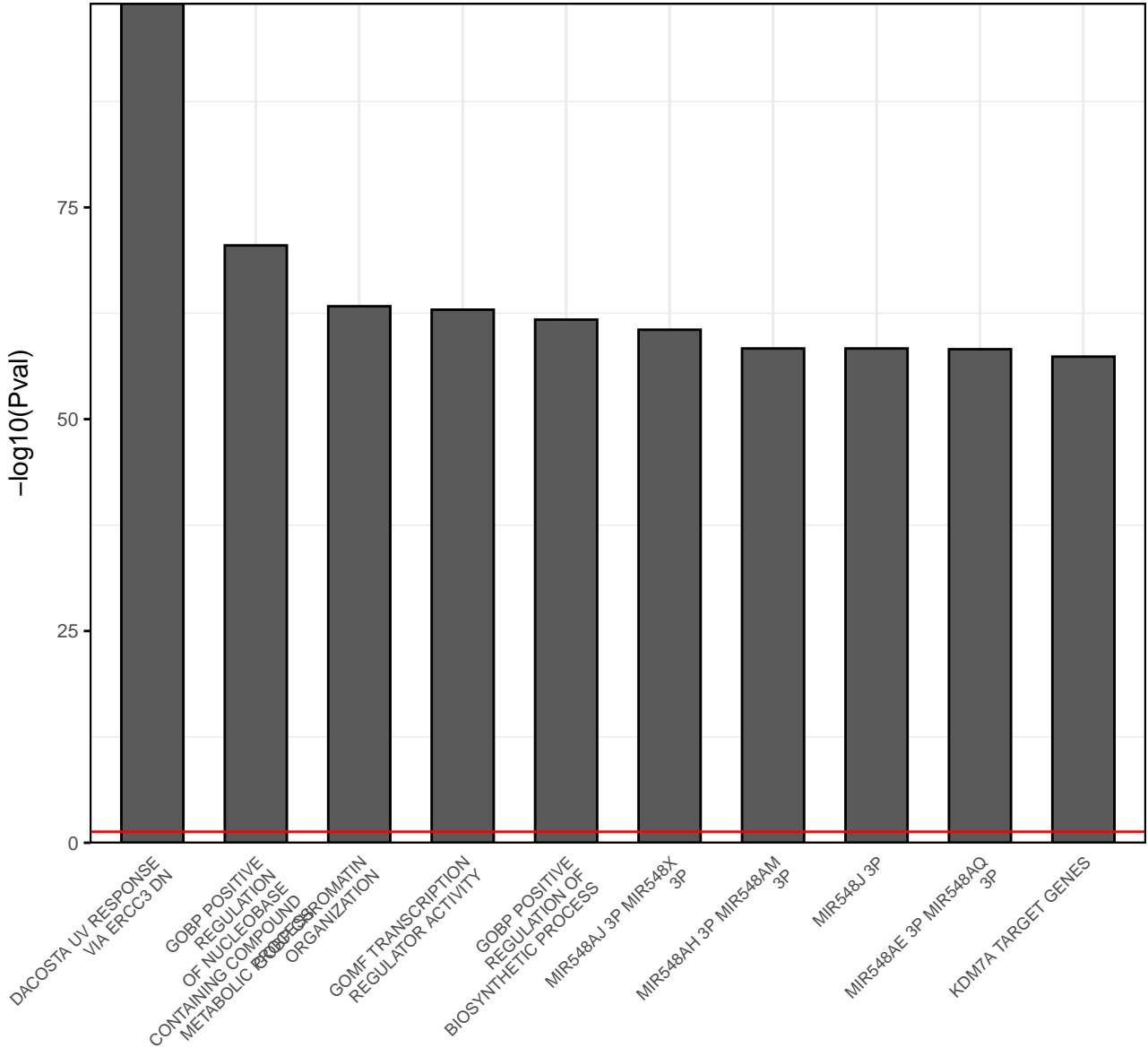
Pacs2
Efr3b
Znfx1
Dclk1
Nbea
Atp9b
Mycbp2
Rassf2
Atp6v0a1
Mapre2
Eid2b
Nacad
Atat1
Mapk8ip3
Dctn1
Map4
Rab11fip4
Clcn6
Ppp3ca
Cds2



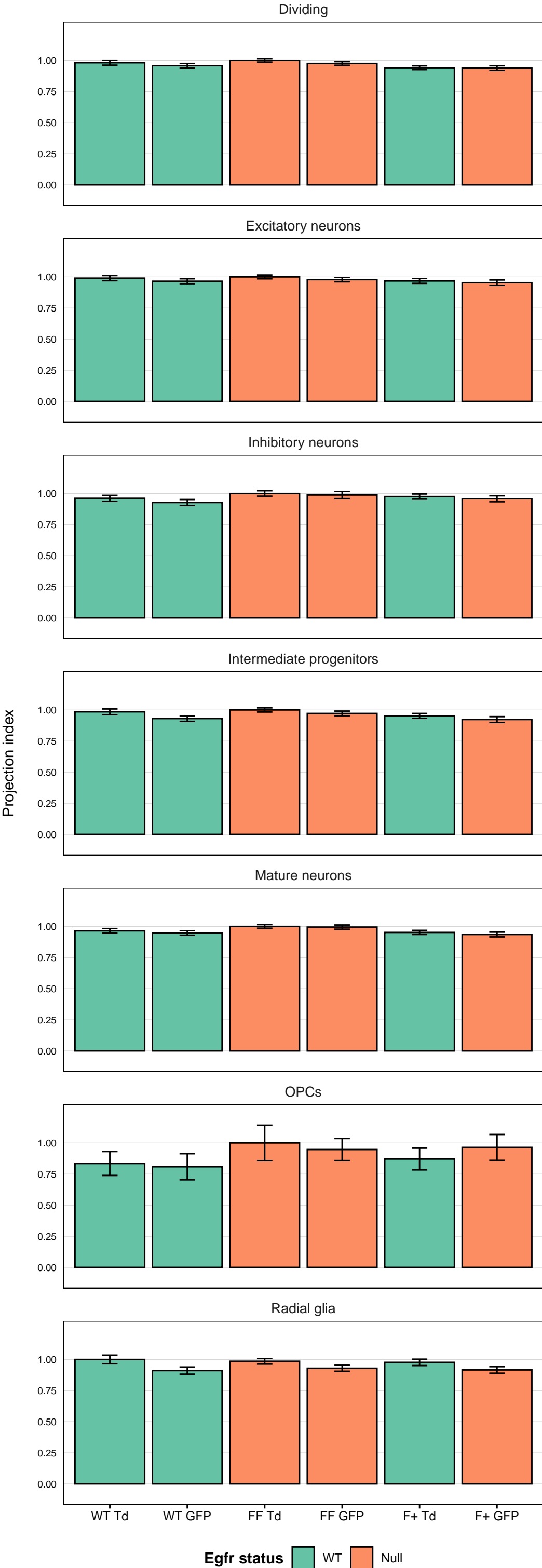


Top genes by kME

Smarcc1
Vcp
Ddx46
Pds5a
Sf3b3
Ddb1
Kansl1
Arhgef2
Dhx9
Dyrk1a
Cul5
Tnks2
Spin1
Med13
Mbtd1
Ctcf
Zzz3
Zfp518b
Yy1
Nup160

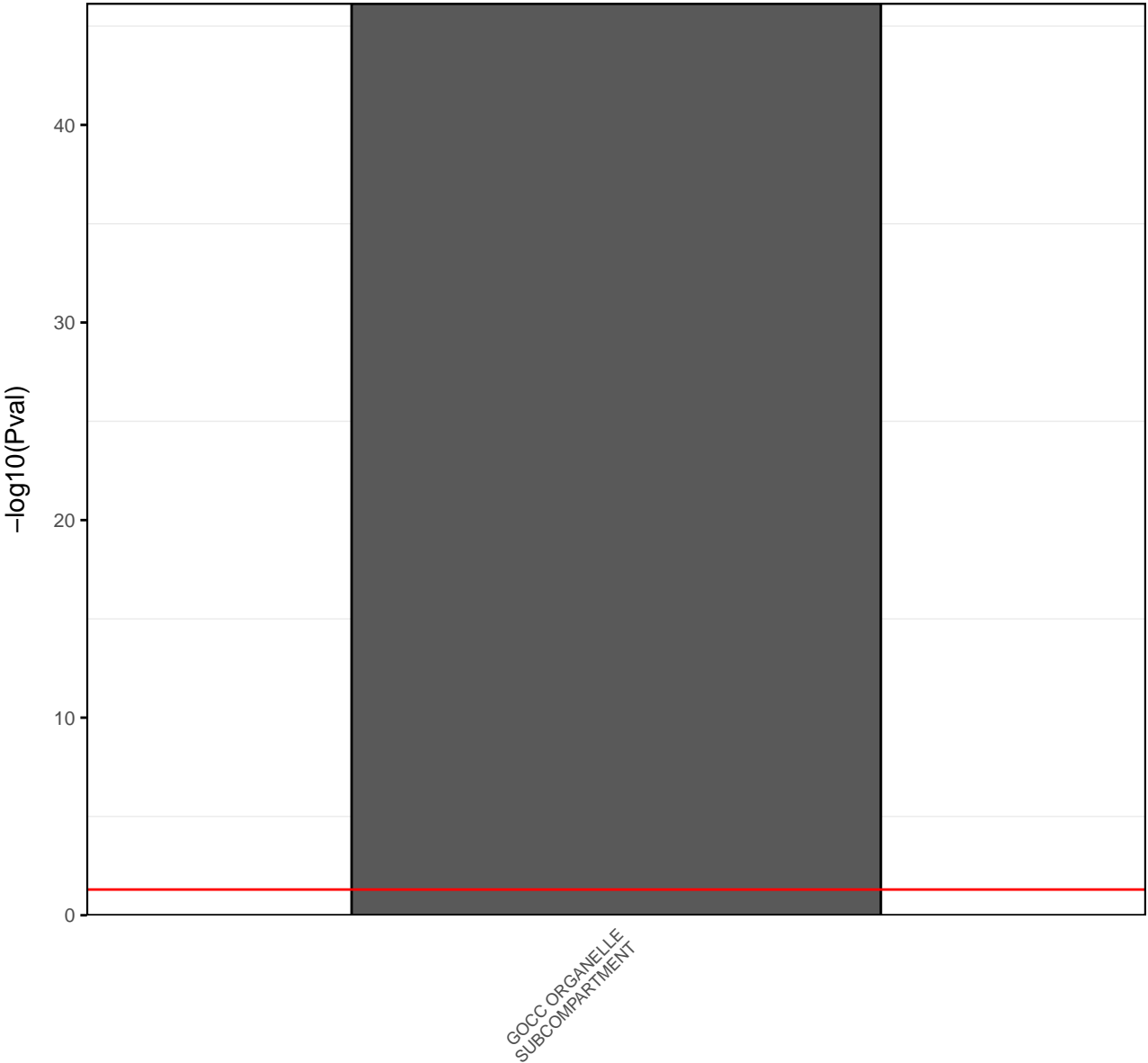


yellow module
Top 100 by kME
Bicor-None_signum0.66_minSize20_merge_ME_0.85_25509



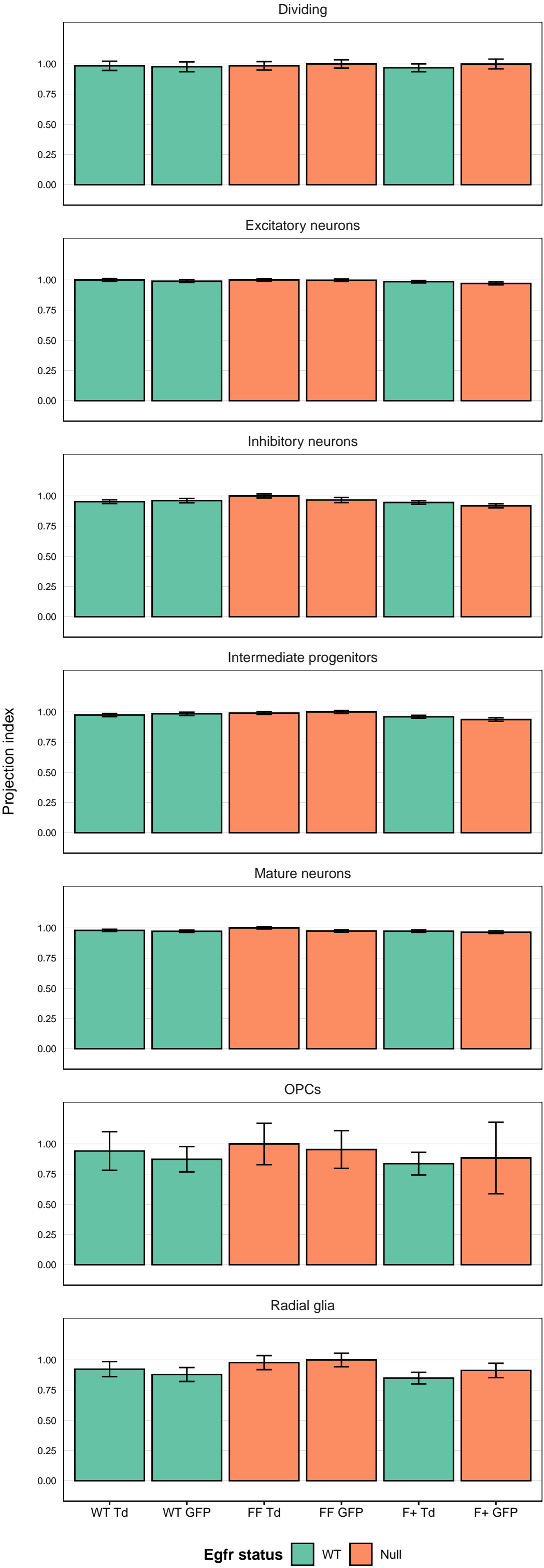
Top genes by kME

Gm6994
Gm38039
Gm20705
2900060B14Rik
Gm28535
9530097N15Rik
Gm44549
Gm39662
Gm38085
Rnf223
Ccn6
Gm42937
Nr6a1
Gm3892
Gm46565
Pcdhb19
Gm15991
Gm37850
Gm29358
Gm4707



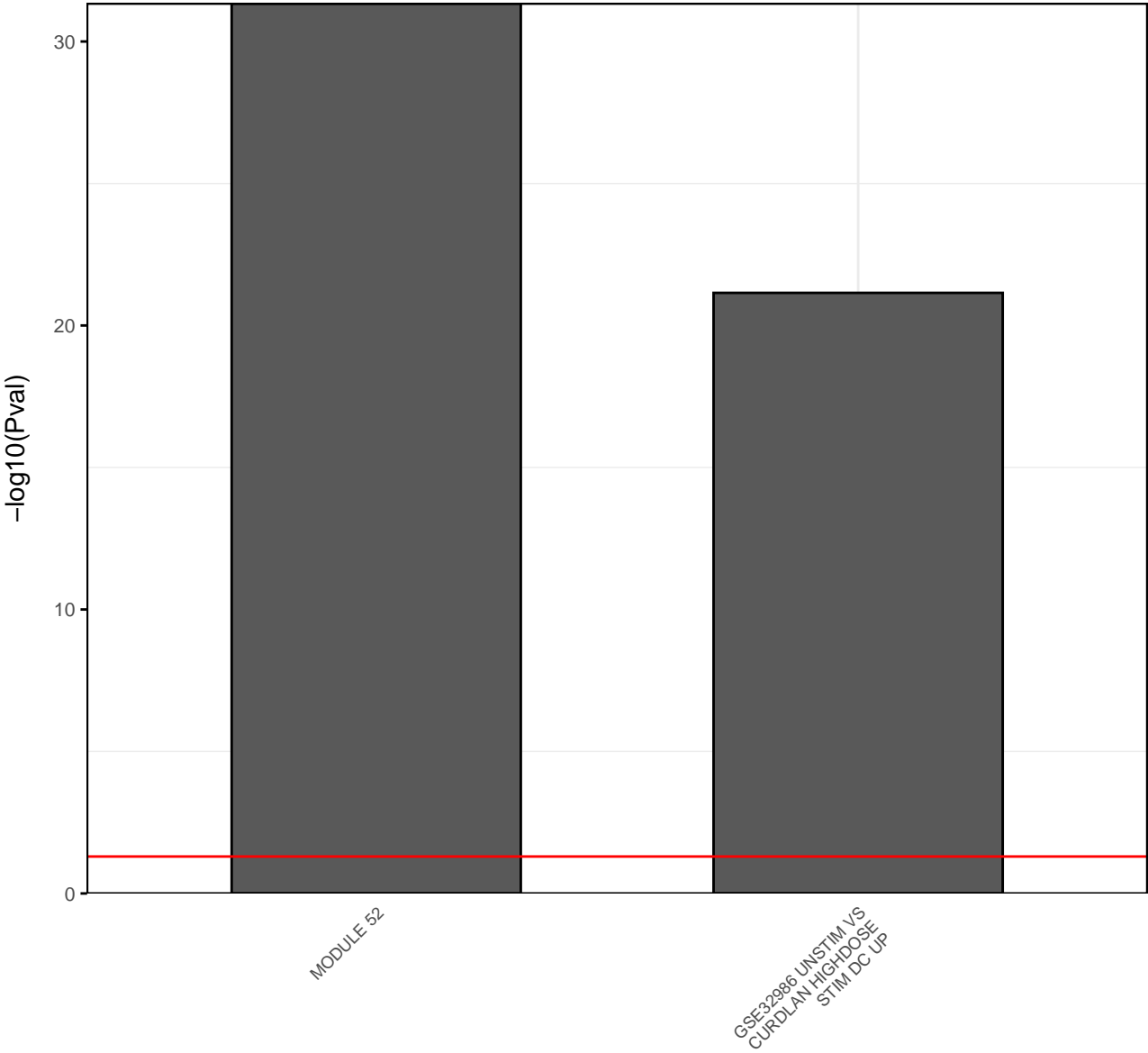
blue module
Top 100 by kME

Bicor-None_signum0.66_minSize20_merge_ME_0.85_25509

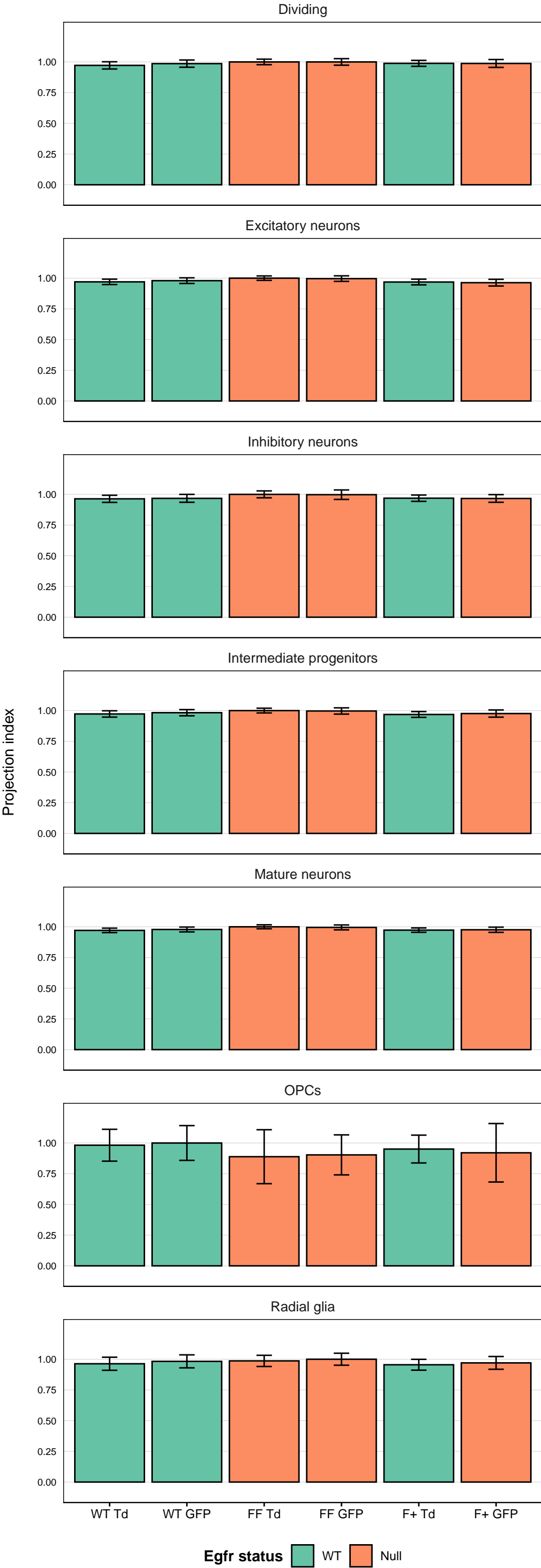


Top genes by kME

Jarid2
Smc5
Foxm1
Rrm2
Tmem108
Racgap1
Paics
Incenp
Arid5b
Lbr
Chaf1a
Kntc1
Nipsnap2
Rfwd3
Kif4
Hmgn1
Tpmo
Fanca
Rrm1
Hmga1b

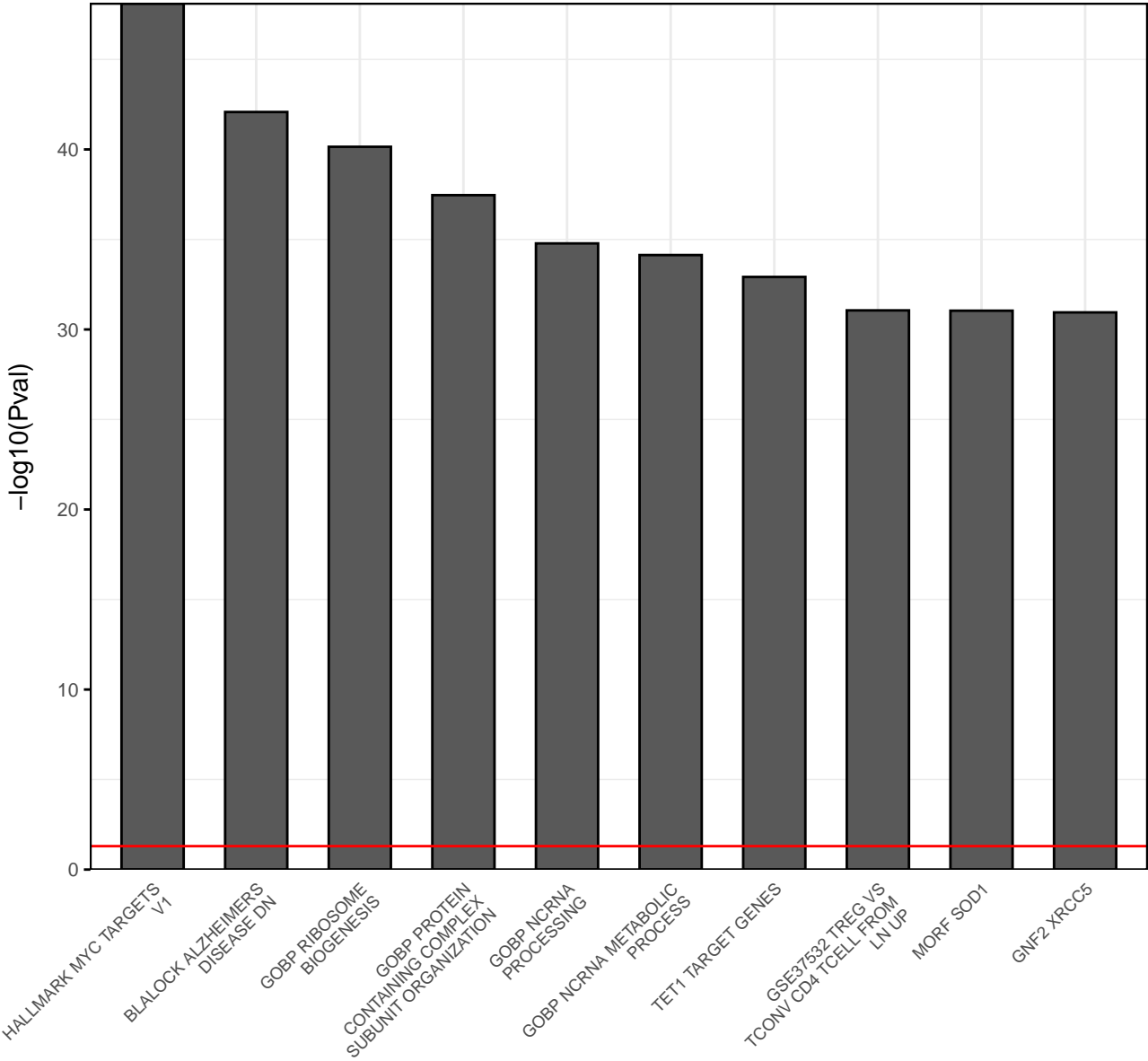


brown module
 Top 100 by kME
 Bicor=None_signum0.66_minSize20_merge_ME_0.85_25509



Top genes by kME

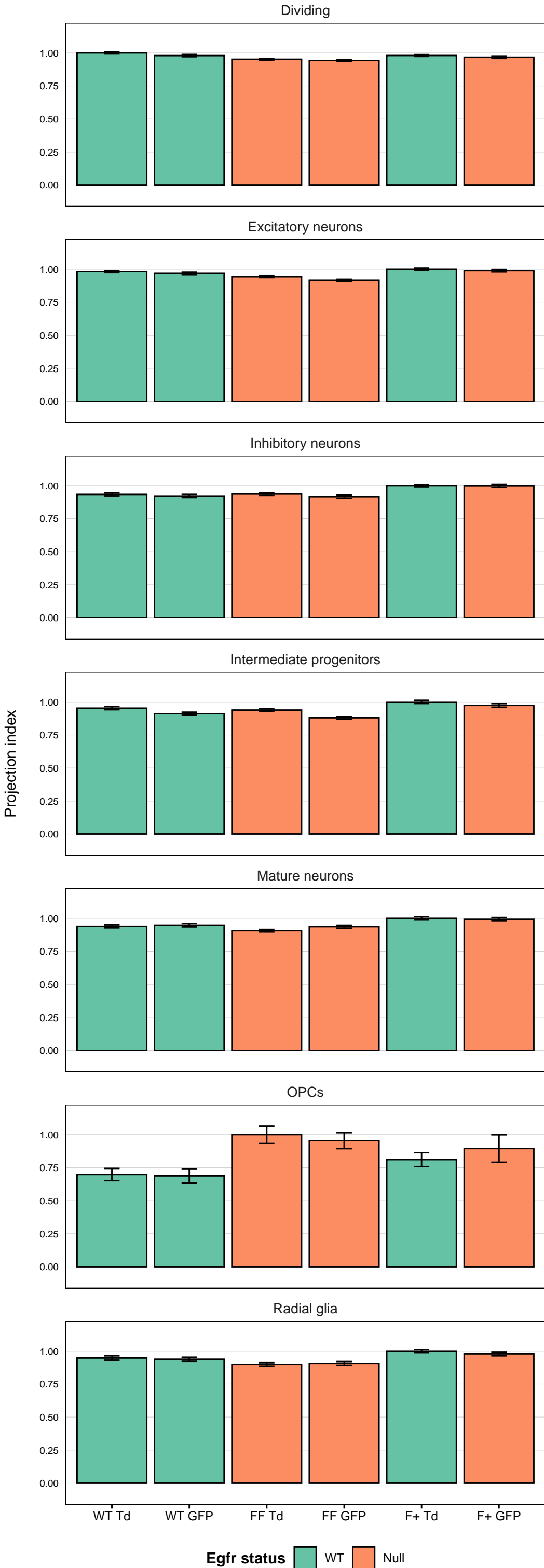
Gm20501
 Scarf2
 Gm39469
 Neurod4
 Gm49801
 Gm28323
 Mfap4
 Rnf135
 Gadd45g
 Fmc1
 Arg2
 Gm6556
 Mab21l2
 Sema3c
 Adra2c
 Neurog2
 Sln
 Acss2
 Zswim3
 Gm5493



green module

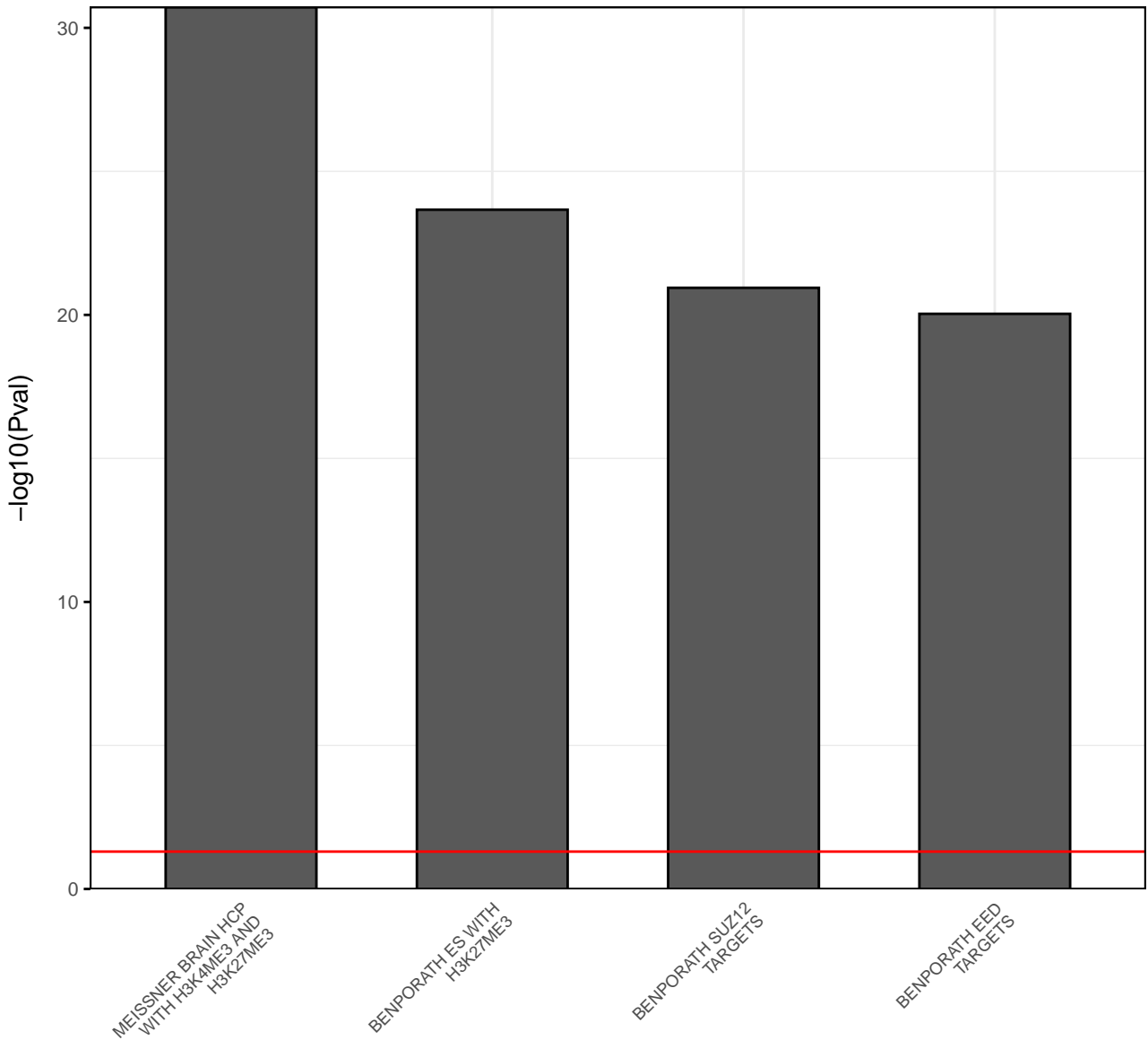
Top 100 by kME

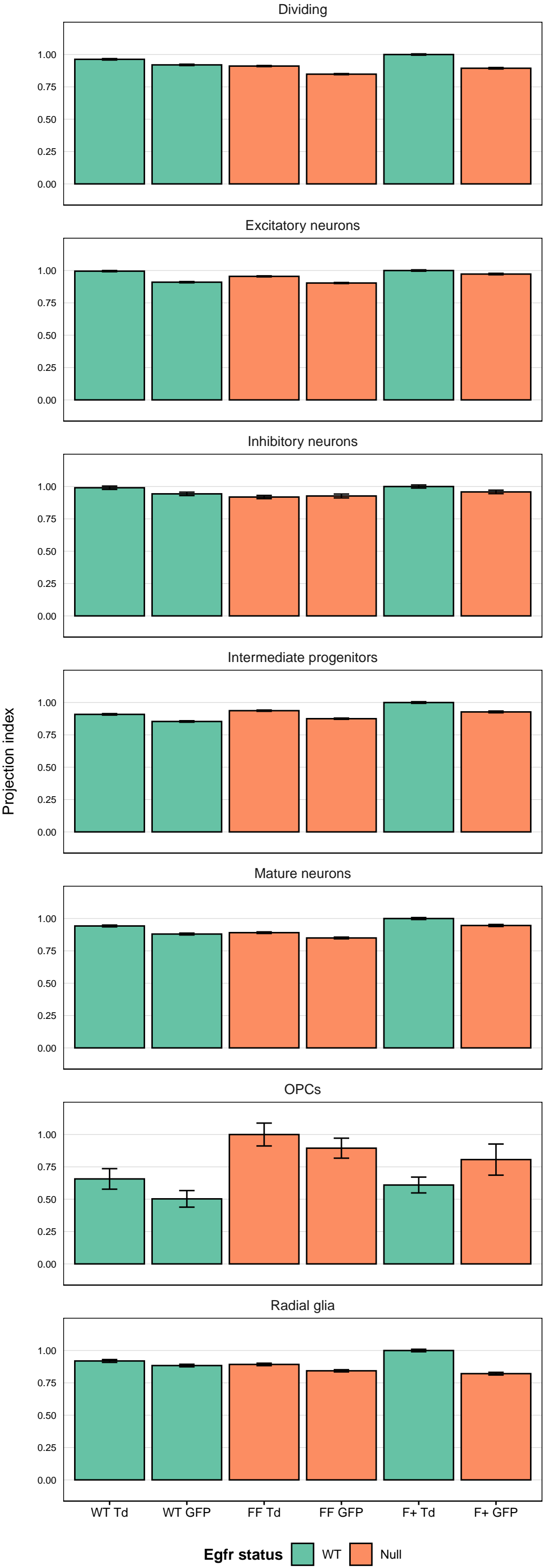
Bicor=None_signum0.66_minSize20_merge_ME_0.85_25509



Top genes by kME

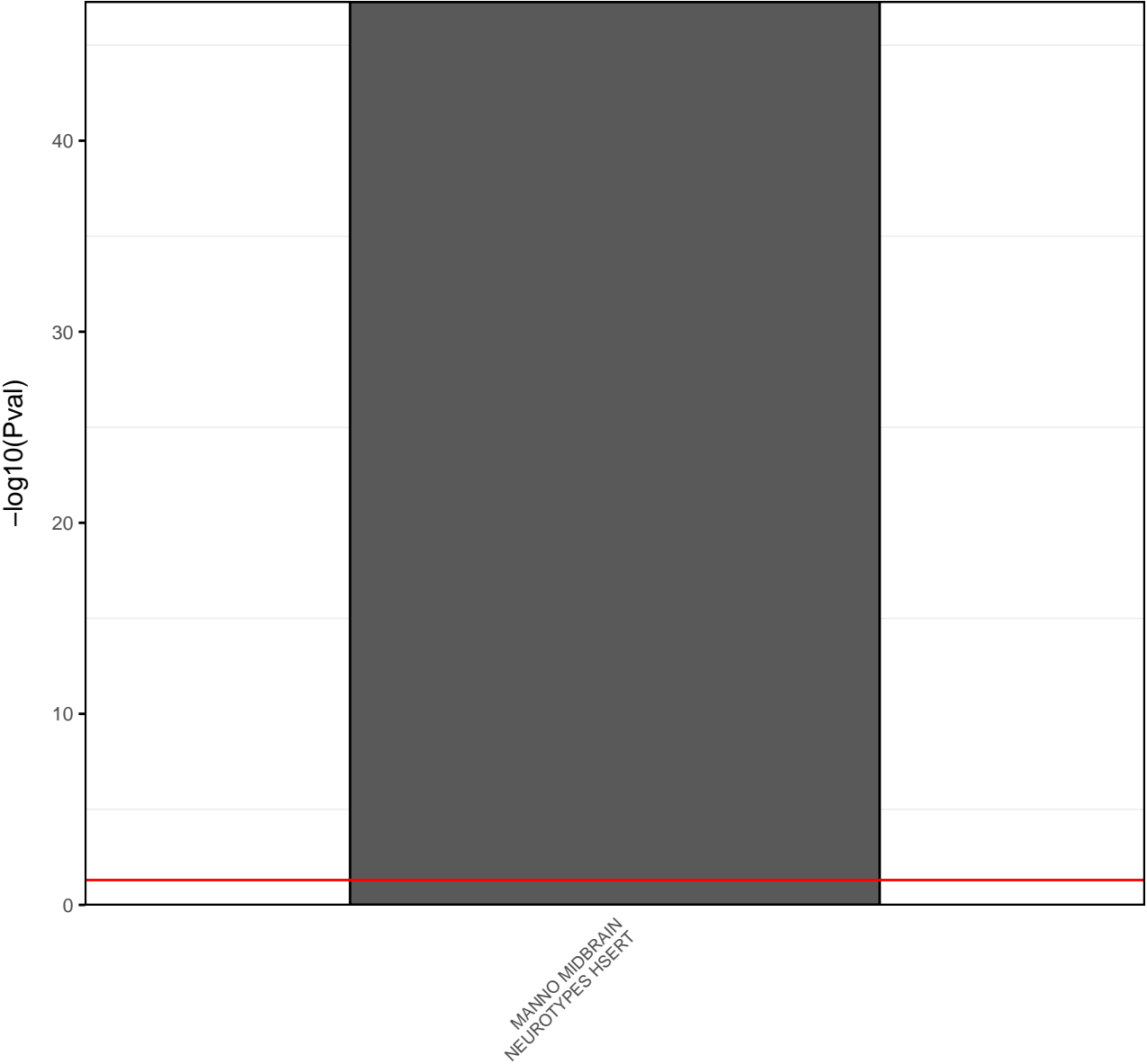
A430090L17Rik
D830035M03Rik
A230072I06Rik
Agrp
Gm50340
Gm42869
8430419K02Rik
Yipf2
Gm43259
B230303O12Rik
Ufsp1
Gm14023
Rpusd4
5033426O07Rik
Sema3b
Ppp1r14a
A730071L15Rik
B230369F24Rik
C78197
Gm42699





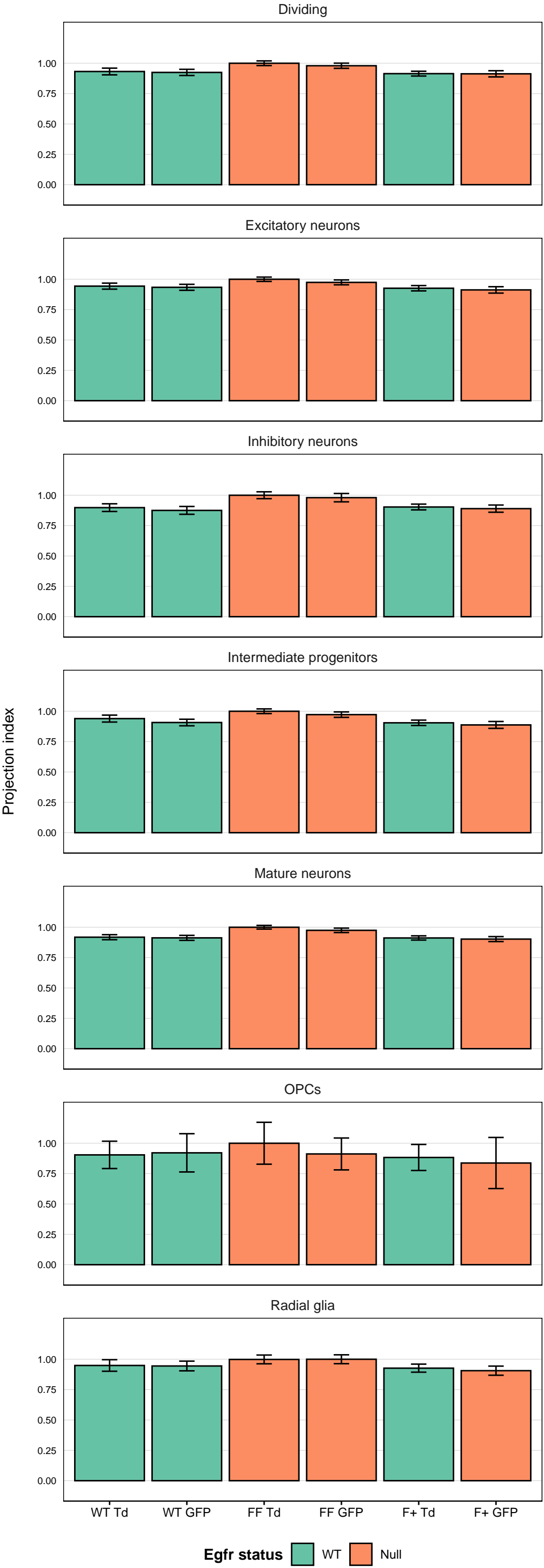
Top genes by kME

Dpp6
Lingo2
Efnb3
Cx3cl1
Sst
Cadm1
Gpr26
Grin1
Syt1
Shank3
Psd
Dmtn
Grm7
Tmem179
Dusp22
Grin3a
Cacna2d2
Pak6
Plppr4
Cpne8



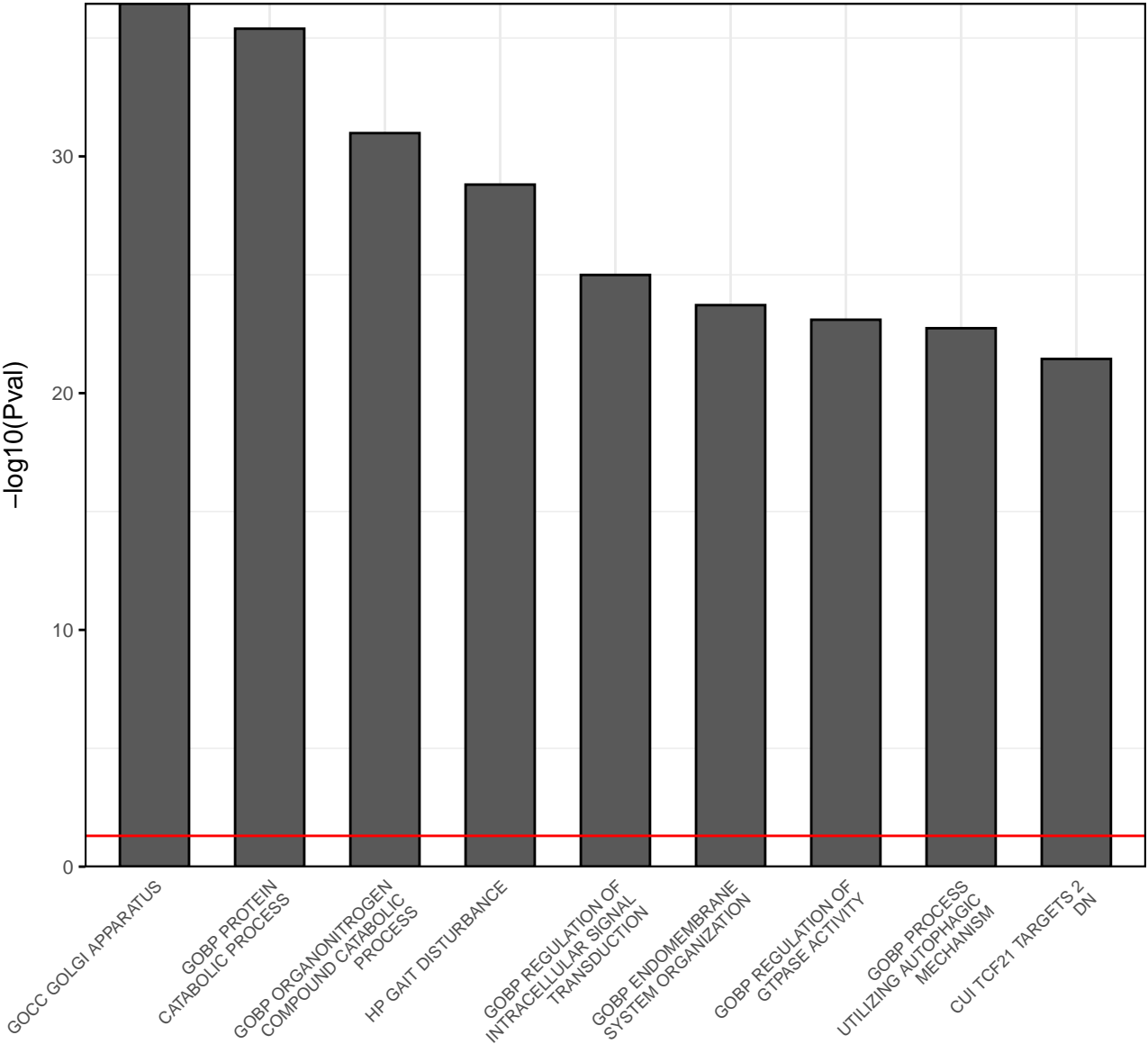
red module
Top 100 by kME

Bicor=None_signum0.66_minSize20_merge_ME_0.85_25509



Top genes by kME

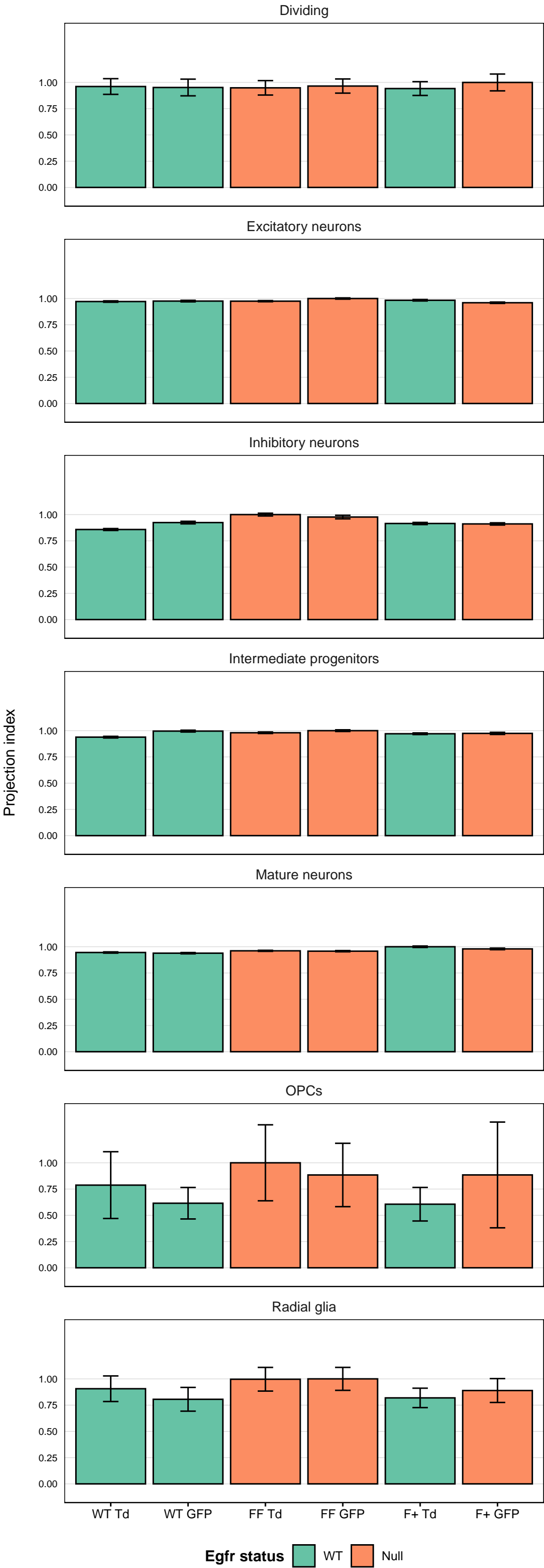
Uba1
Gapvd1
Zyg11b
Stau1
Tmem135
Abl2
Pafah1b1
Ttc3
Gpr161
Otud5
Klhdc10
Plxnb1
Gpr89
Tsc2
Tcaf1
Pan3
Golga3
Esyt2
Atrn
Smarca4



black module

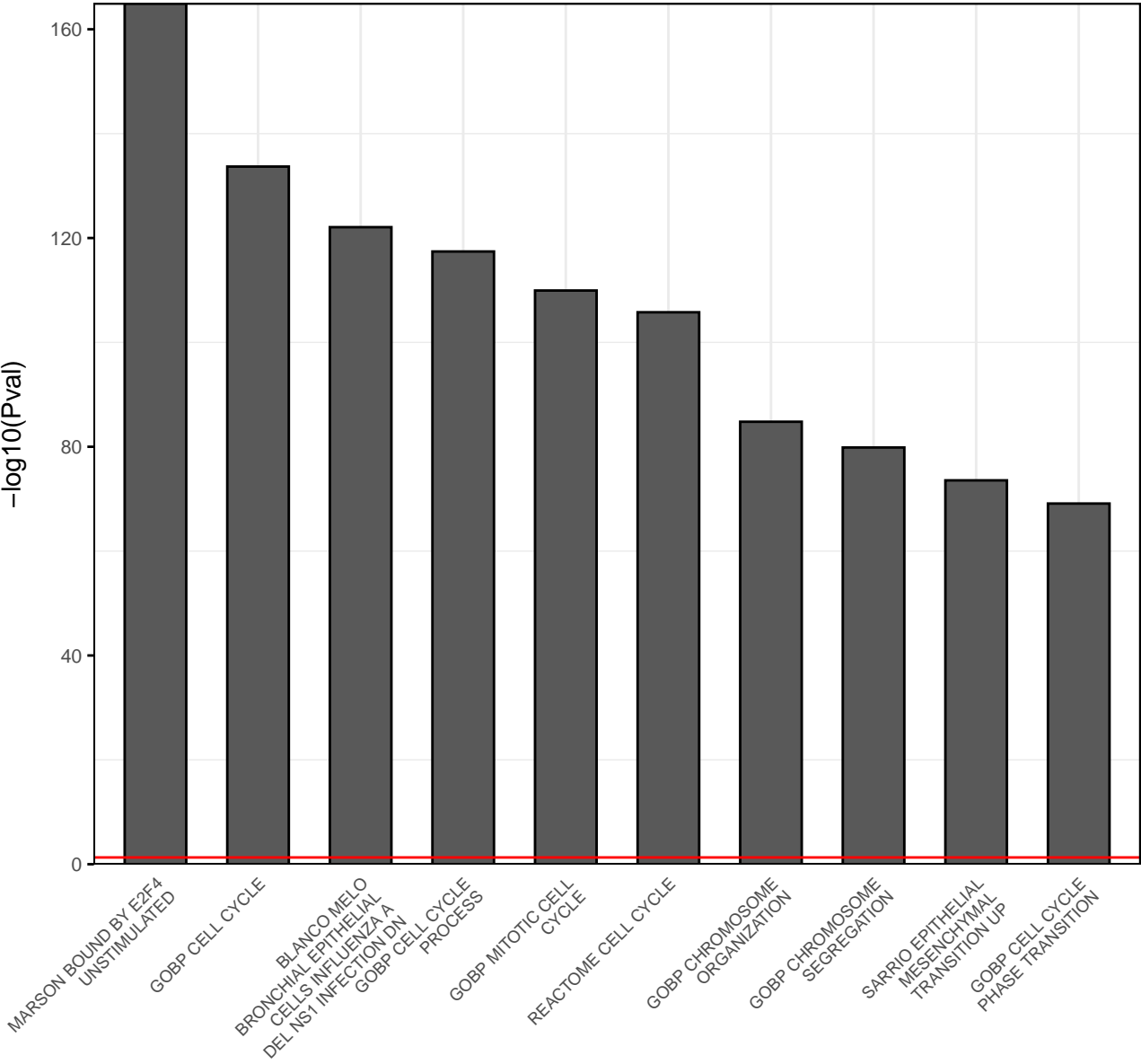
Top 100 by kME

Bicor=None_signum0.807_minSize10_merge_ME_0.85_25509



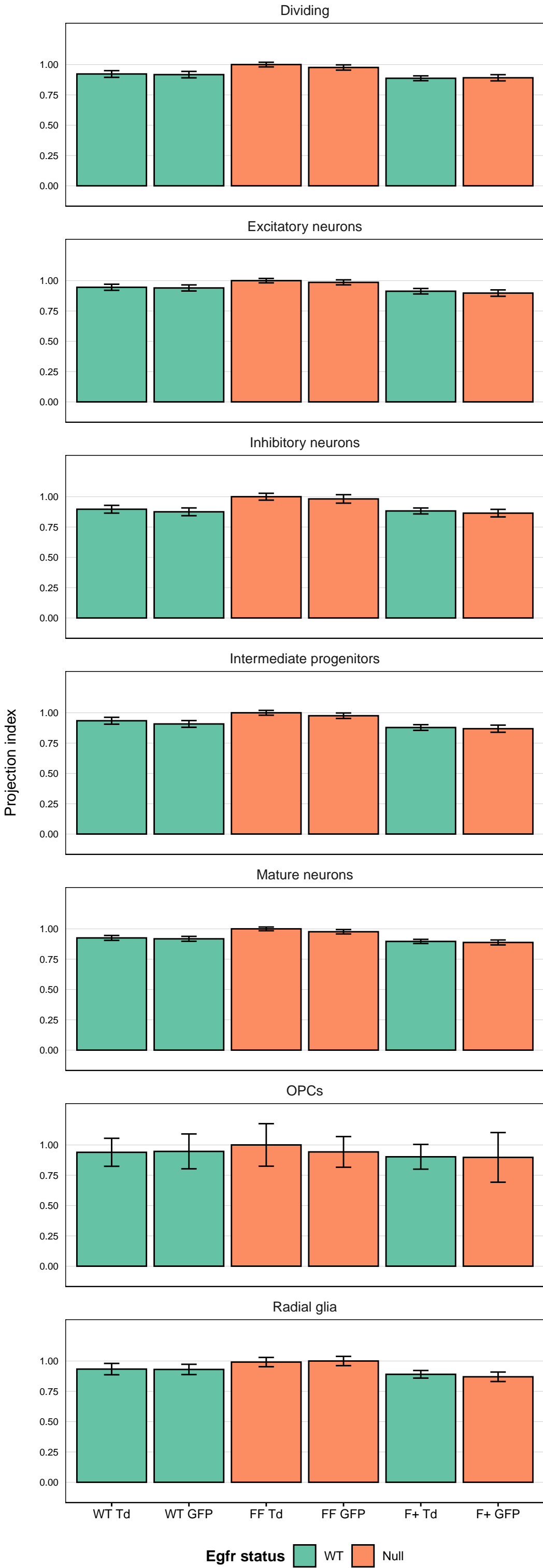
Top genes by kME

Cdca2
Racgap1
Nusap1
Ect2
Smc2
Lig1
Mcm3
Rrm2
Kif11
Ccna2
Bub1
Exo1
Nuf2
Kif2c
Prc1
Kif23
Mcm2
Nek2
Rfwd3
Tpx2



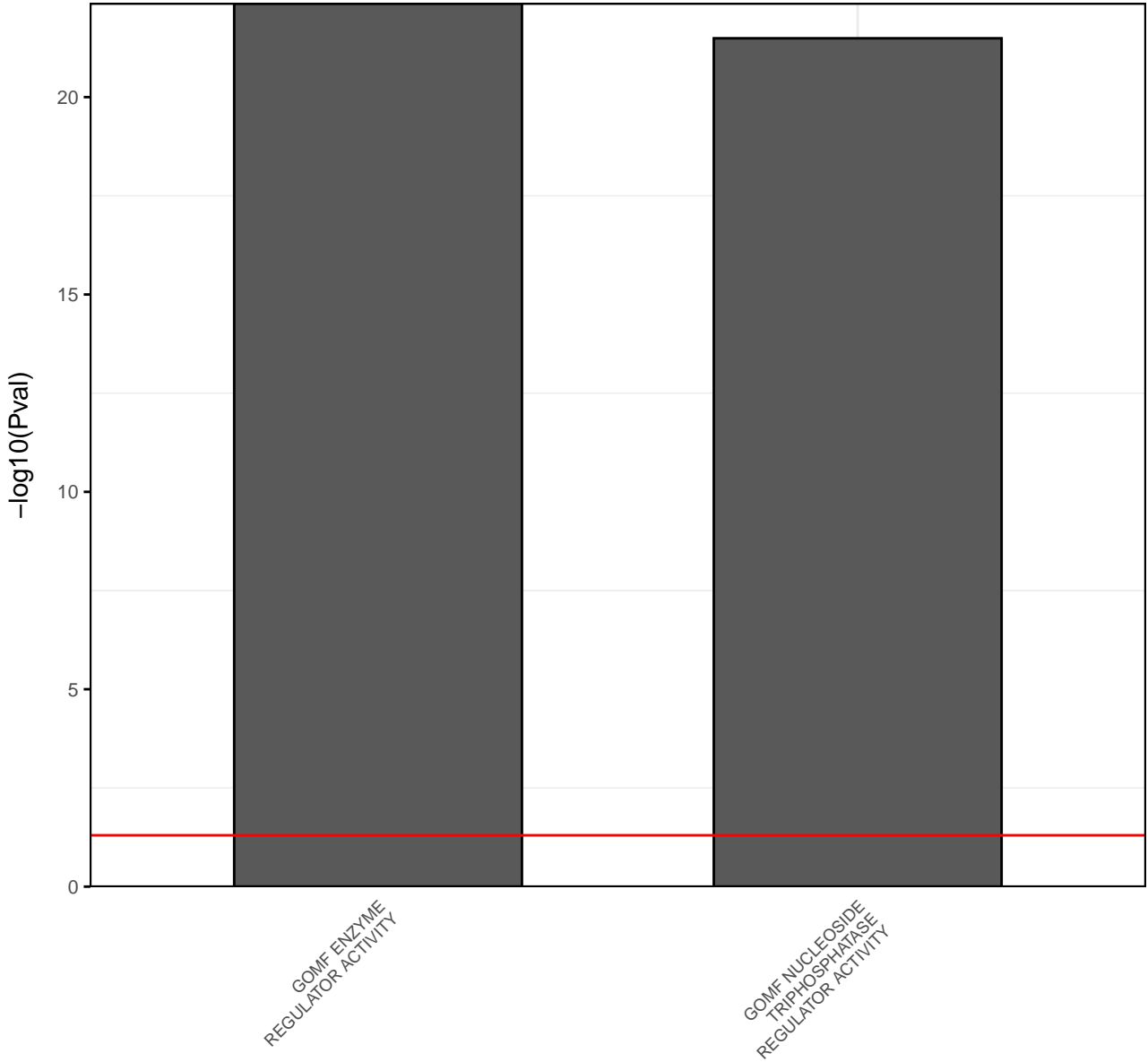
blue module
Top 100 by kME

Bicor=None_signum0.807_minSize10_merge_ME_0.85_25509



Top genes by kME

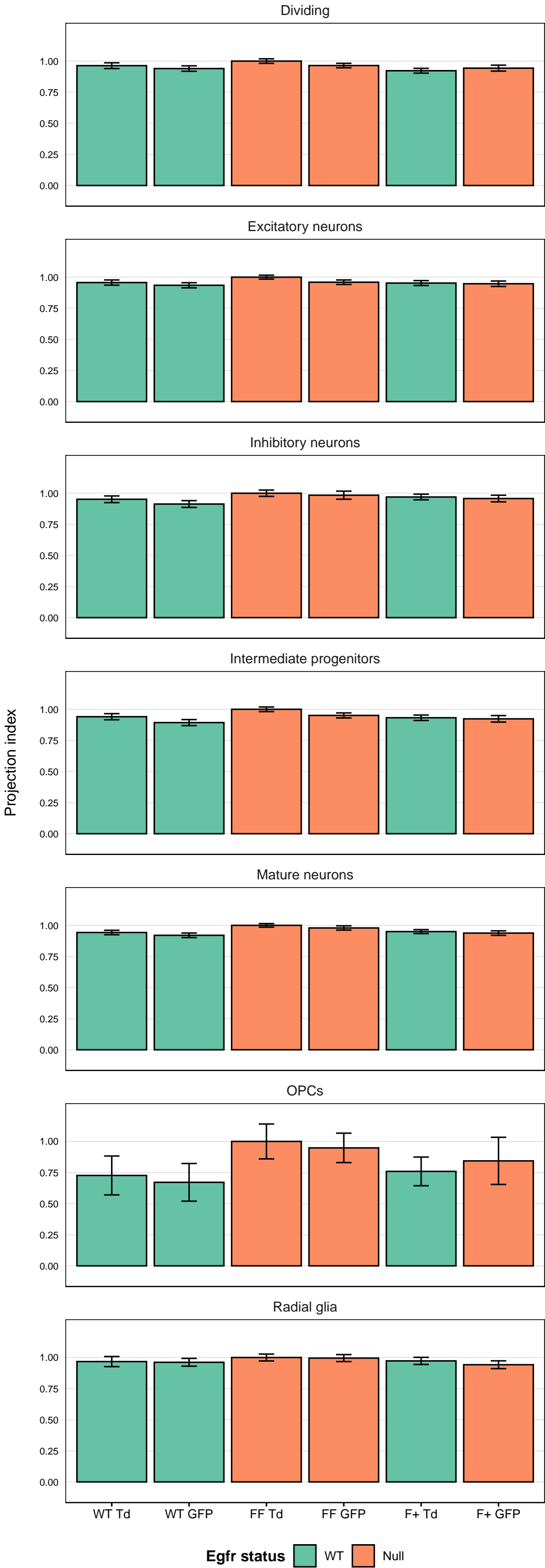
A430090L17Rik
Gm29453
Hectd2os
Nr1i3
A430018G15Rik
Yjefn3
Gm38037
0610040B10Rik
1700007L15Rik
Nt5dc1
Gm16283
Gm42829
Ddo
Gm30177
Gm38414
Olfr1385
Lgi3
Gss
Ufsp1
Gm16853



pink module

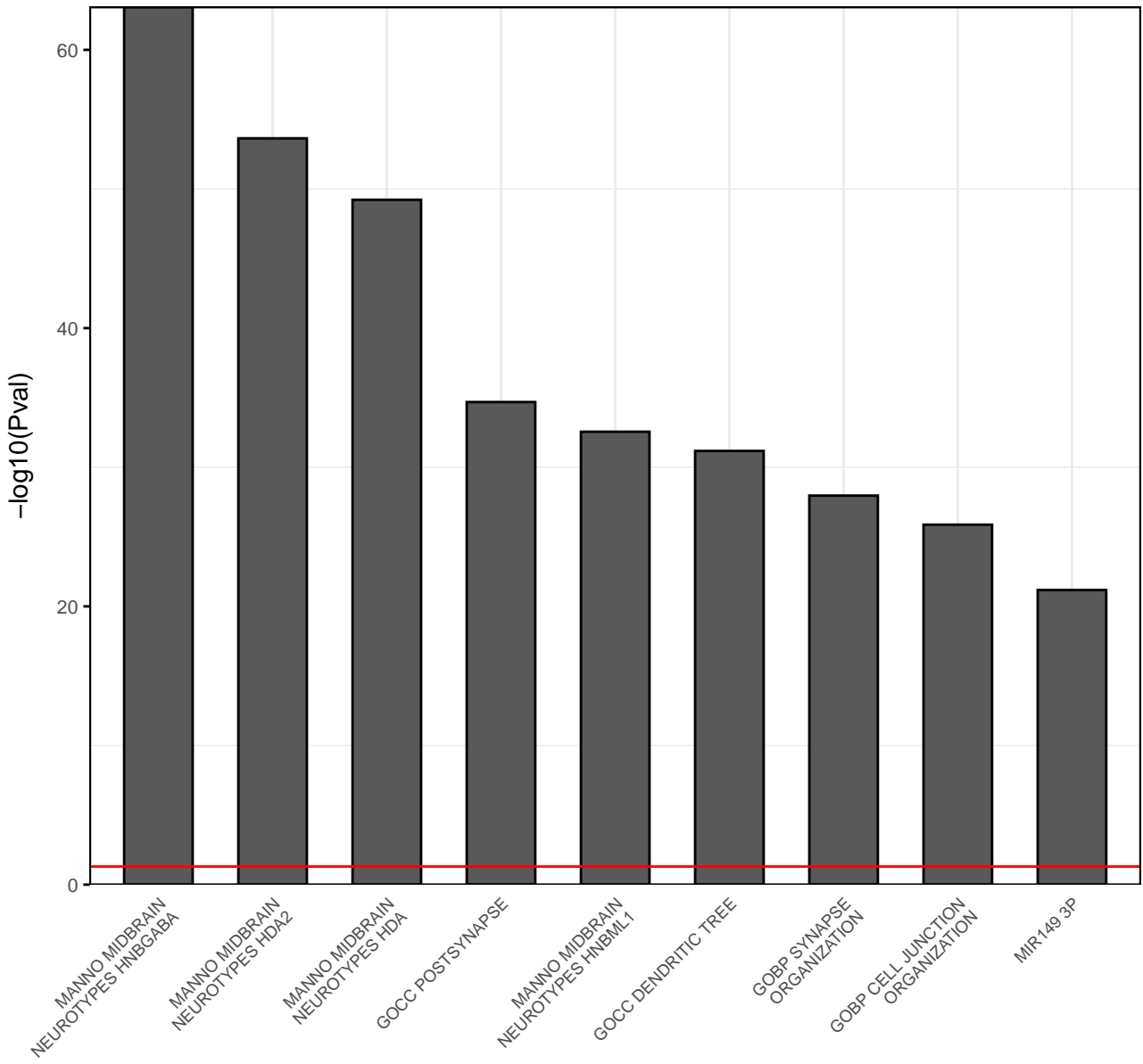
Top 100 by kME

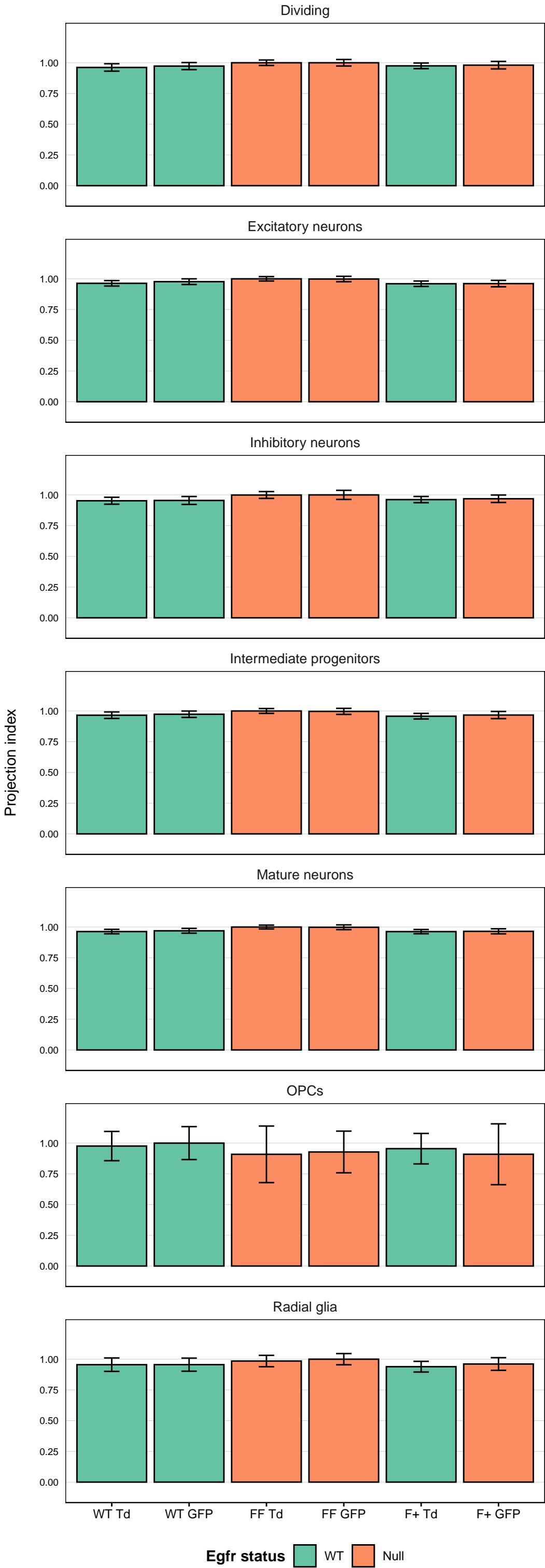
Bicor-None_signum0.807_minSize10_merge_ME_0.85_25509



Top genes by kME

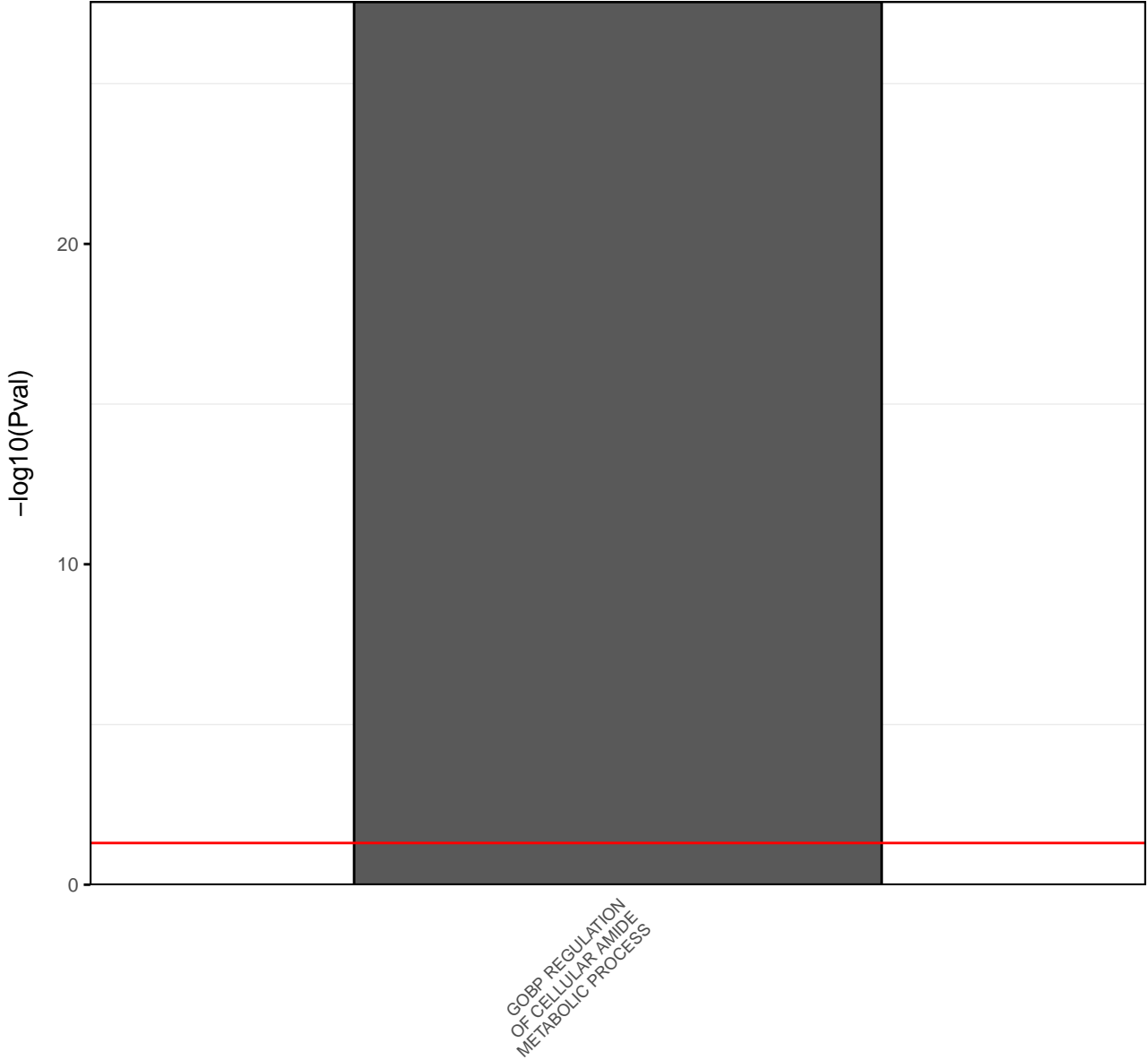
Mycbp2
Atp6v0a1
Pacs2
Znfx1
Efr3b
Ncam1
Pclo
Nbea
Clcn6
Gnao1
Zmym3
Mapre2
Map9
Dclk1
Cds2
Syn1
Abca3
Map1b
Kidins220
Map4





Top genes by kME

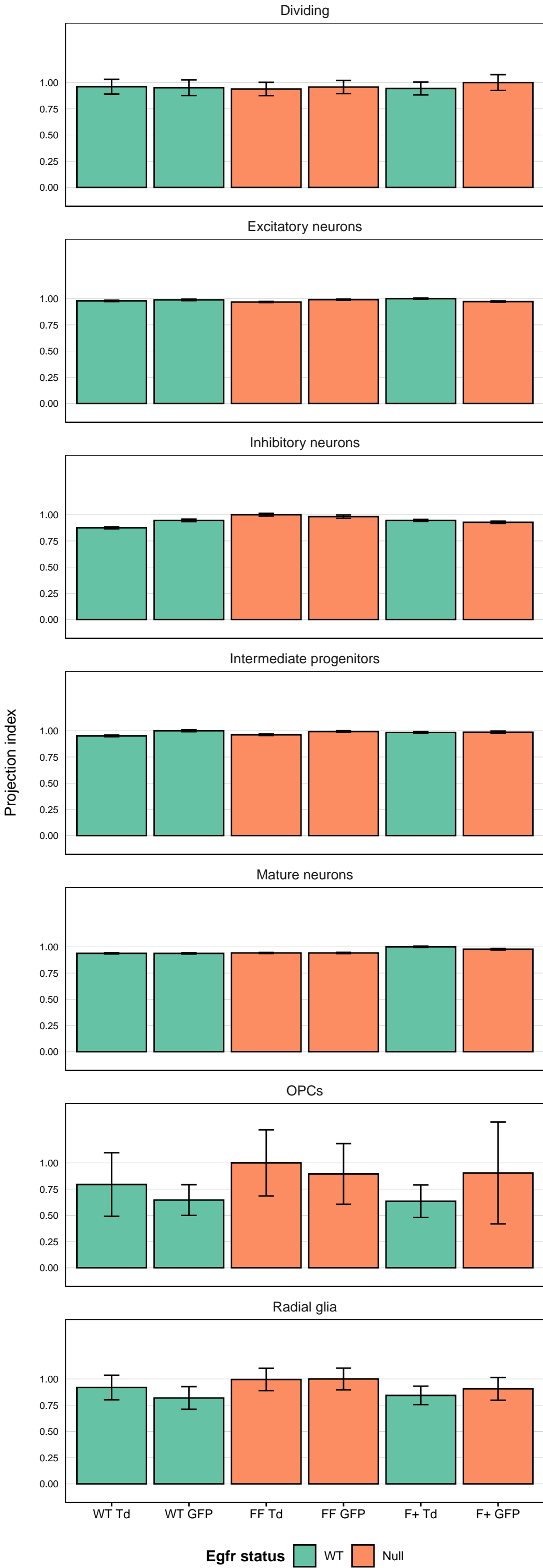
Hdac2
Gspt1
Ssrp1
Map3k7
Taf2
Mia2
Gdi2
Zfp91
Hnrnpa1
Ppm1b
Ncbp3
Fbxo38
Parp1
G3bp1
Serbp1
Cdc5l
Syncrip
Ttc9c
Set
Lrrc40



black module

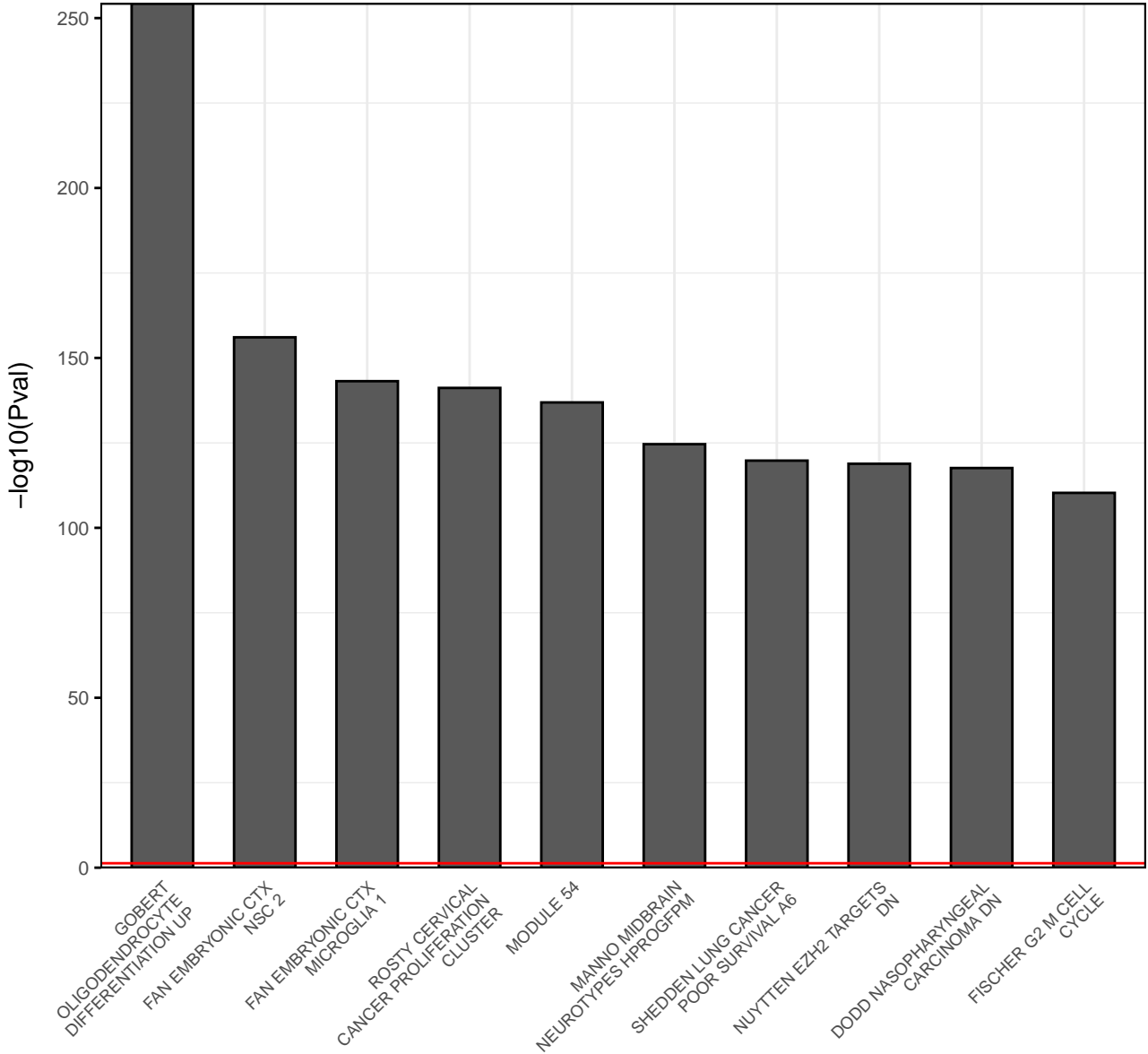
Top 100 by kME

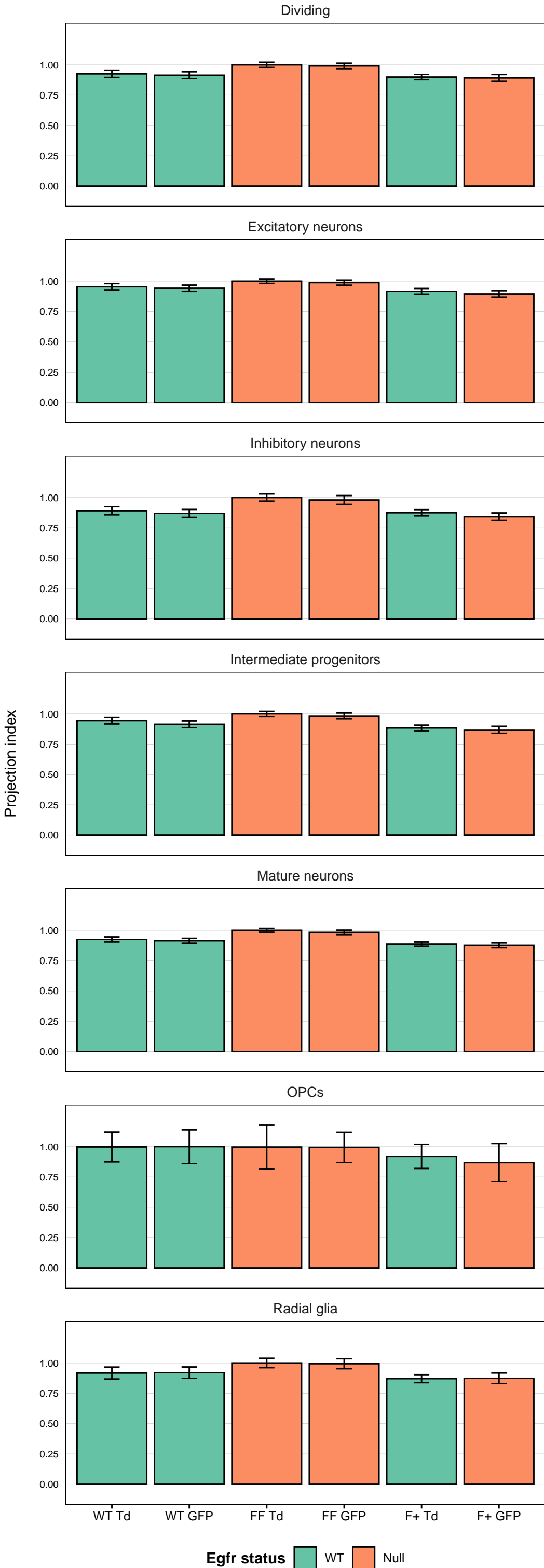
Bicor-None_signum0.746_minSize8_merge_ME_0.85_25509



Top genes by kME

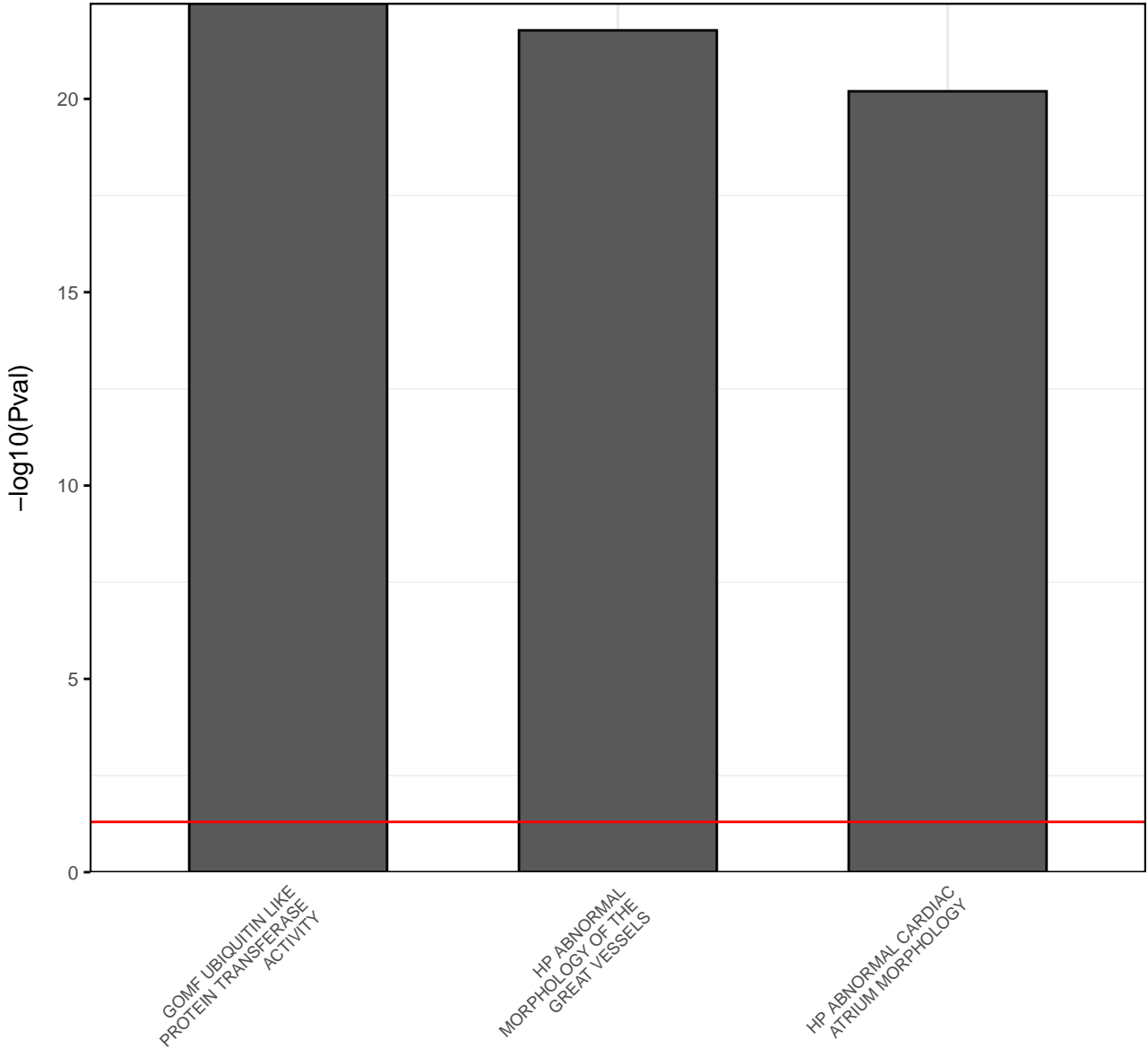
Cdca2
Exo1
Nusap1
Kif2c
Racgap1
Lig1
Rad54l
Mcm5
Tpm4
Mad2l1
Ect2
Kif23
Ccna2
Prc1
Rrm2
Zfp219
Nek2
Incenp
Dlgap5
Uhrf1

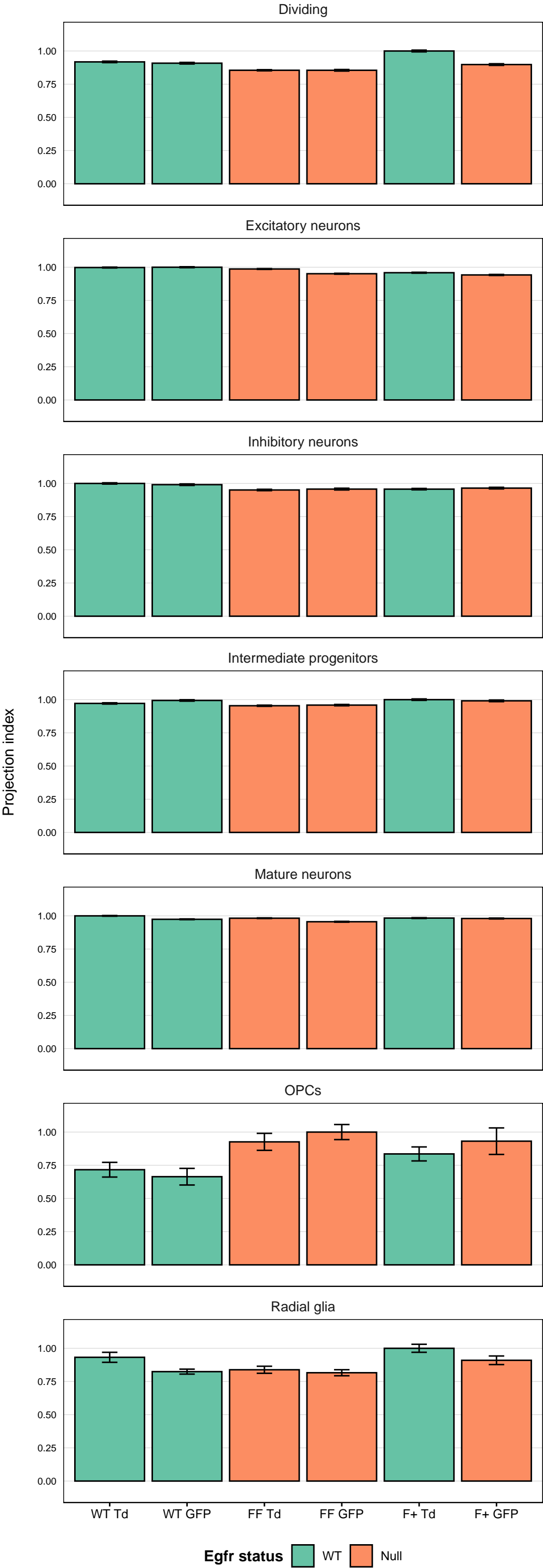




Top genes by kME

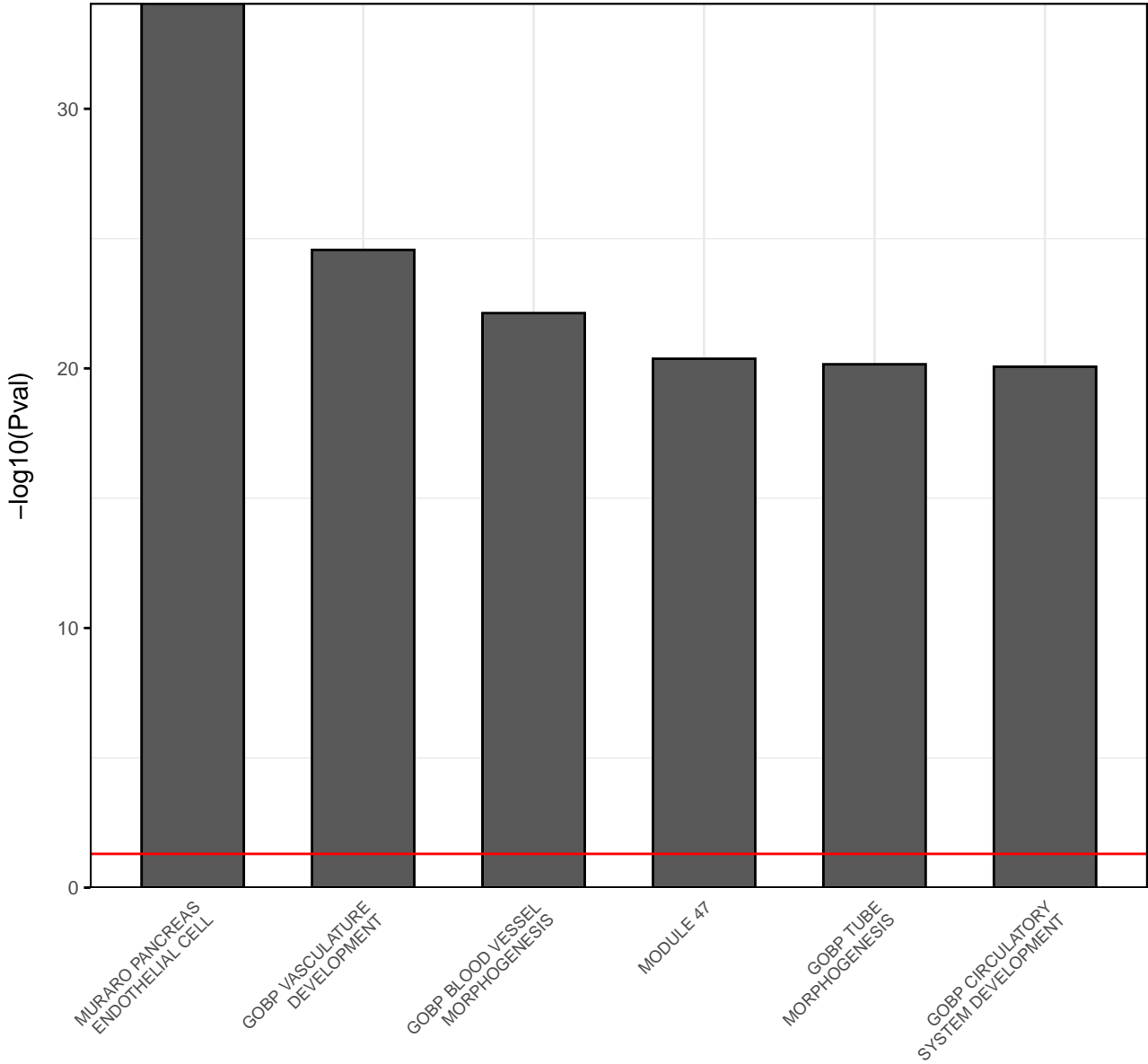
Oga
 Cnot1
 Med13
 Rnf214
 Bdp1
 Anapc1
 Vcp
 Wiz
 Lrp6
 Scaf8
 Asxl2
 Pdpk1
 Rnf38
 Emsy
 Camsap2
 Dock7
 Ppp2r5e
 Nsd3
 Sf3b3
 Ddb1

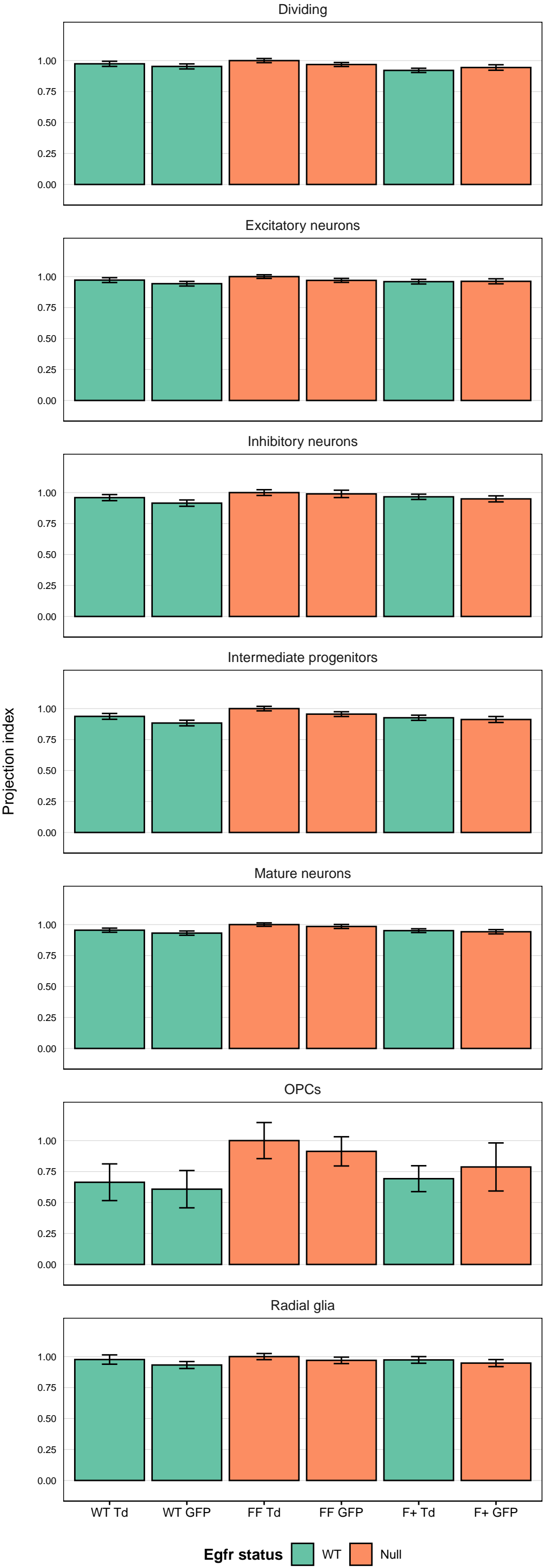




Top genes by kME

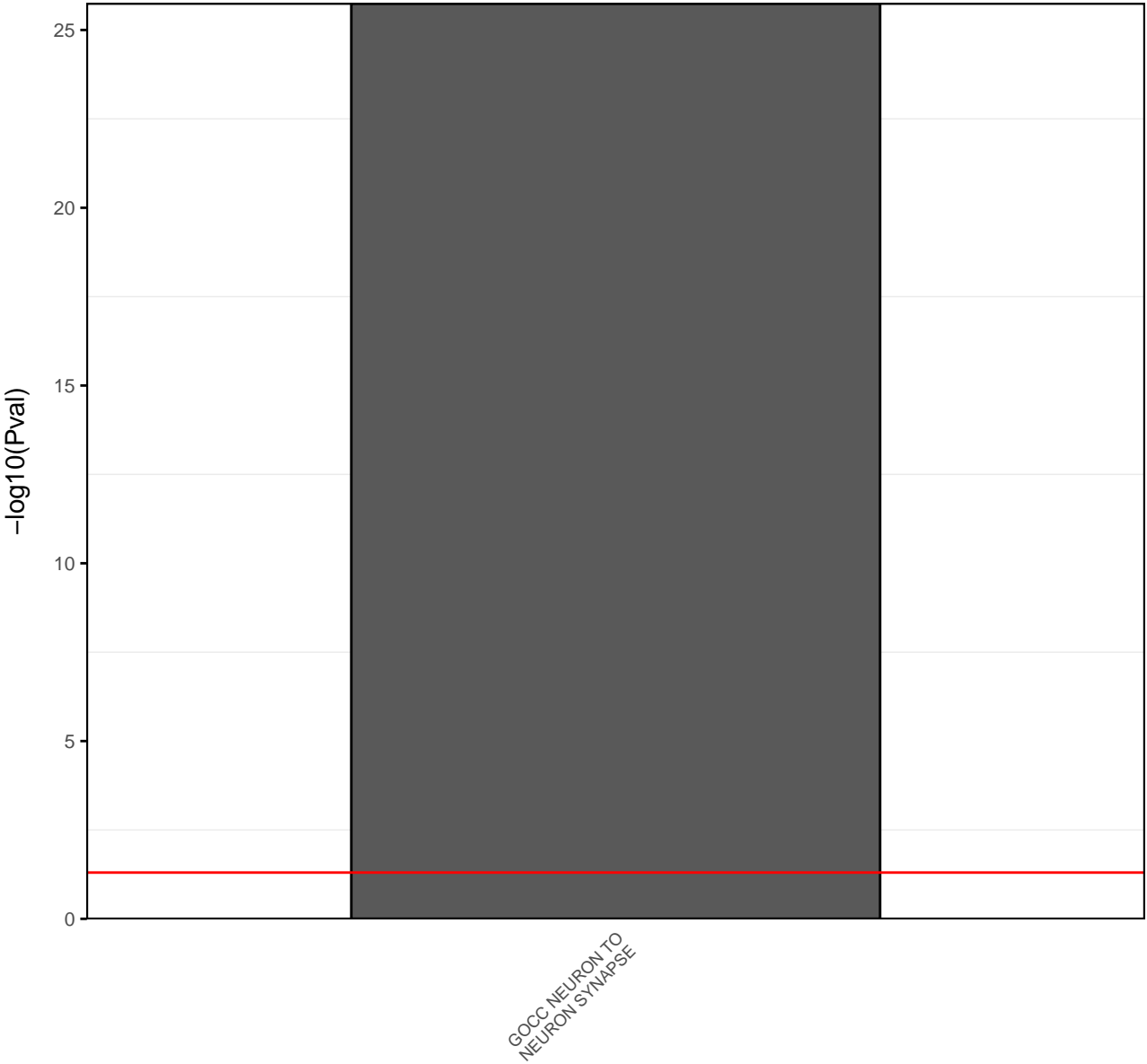
Mmrn2
Ccgc141
Col4a1
Nid1
Vwa1
Rhoj
B3gnt2
Bgn
Rgs5
Gatm
Dock6
Pecam1
Nid2
Cnn2
Pltp
Itm2a
Stard13
Mcam
Tfpi
Mylk

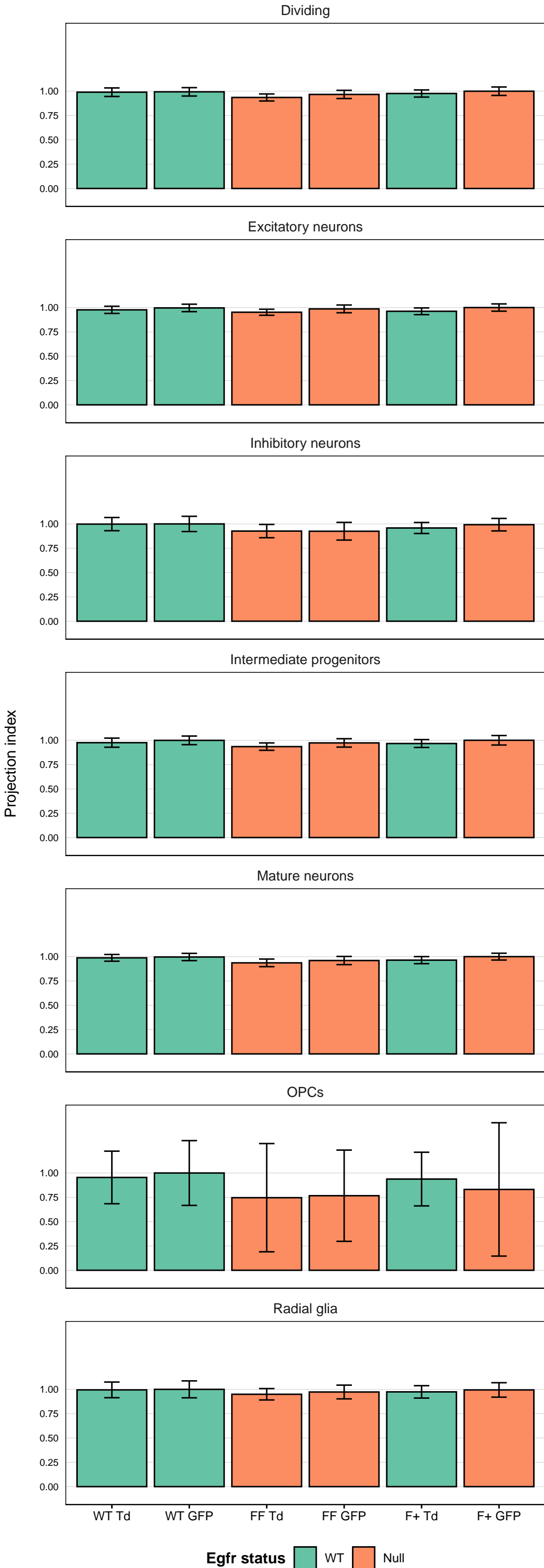




Top genes by kME

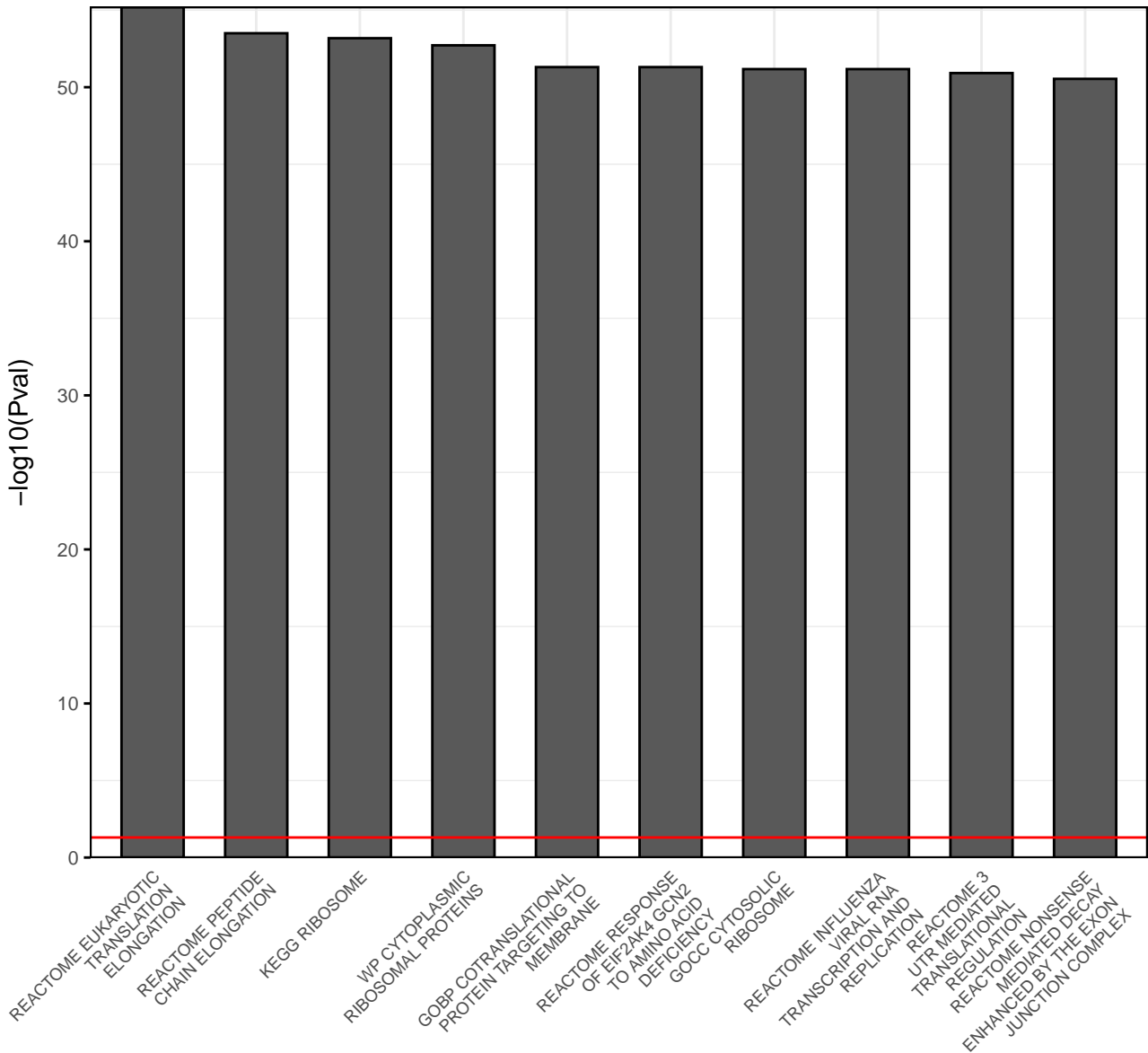
Gm20501
Arg2
Gm5493
Gadd45g
Gm39469
Neurod4
Acss2
Scarf2
Six4
Gm28323
Zswim3
Neurog2
Sema3c
Rnf135
Pik3ip1
Ccdc142os
Al837181
Zfp78
St8sia3os
Mab2112





Top genes by kME

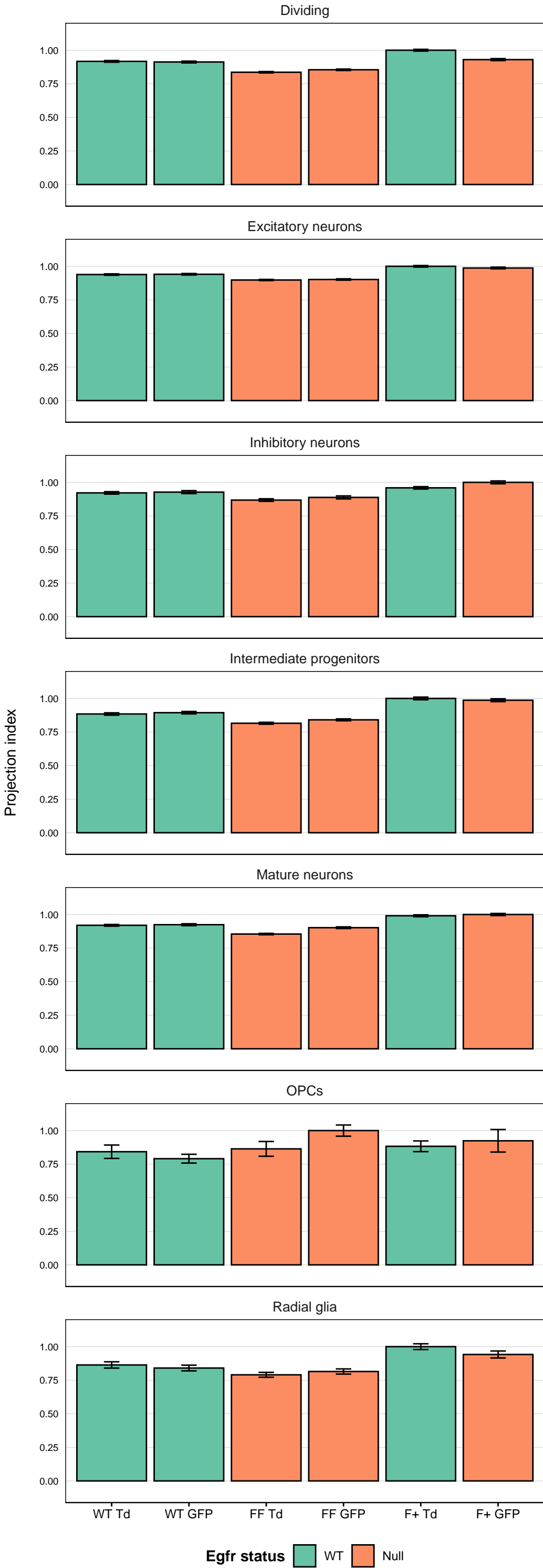
Rps20
Rpl27a
Rps23
Rplp2
Rpl36a
Rpl31
Rps28
Rpl34
Rps27a
Rpl18a
Rps5
Rpsa
Rps26
Rpl19
Rpl13
Rplp1
Rpl32
Rpl39
Rpl11
Rpl28



tan module

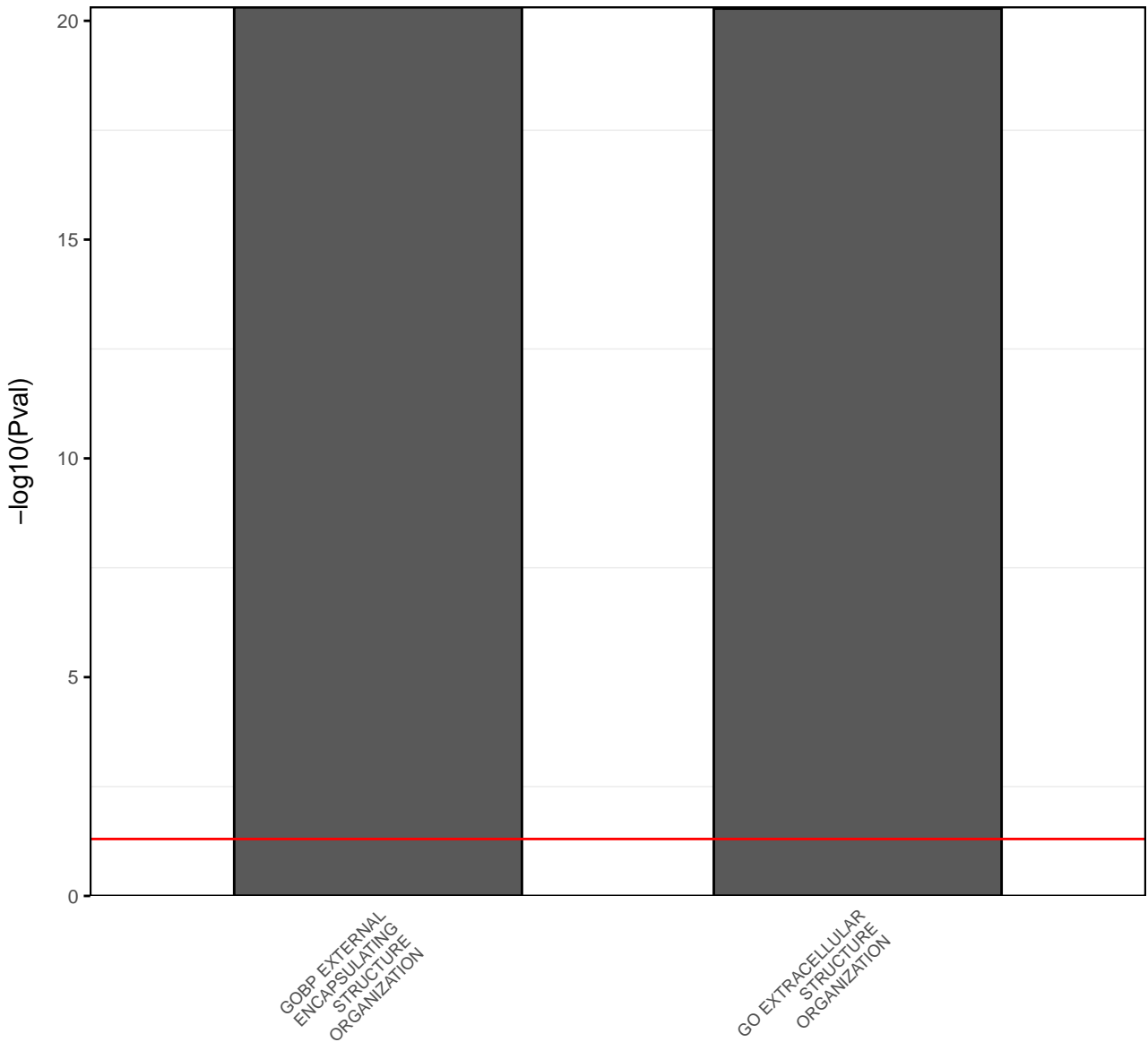
Top 100 by kME

Bicor-None_signum0.746_minSize8_merge_ME_0.85_25509



Top genes by kME

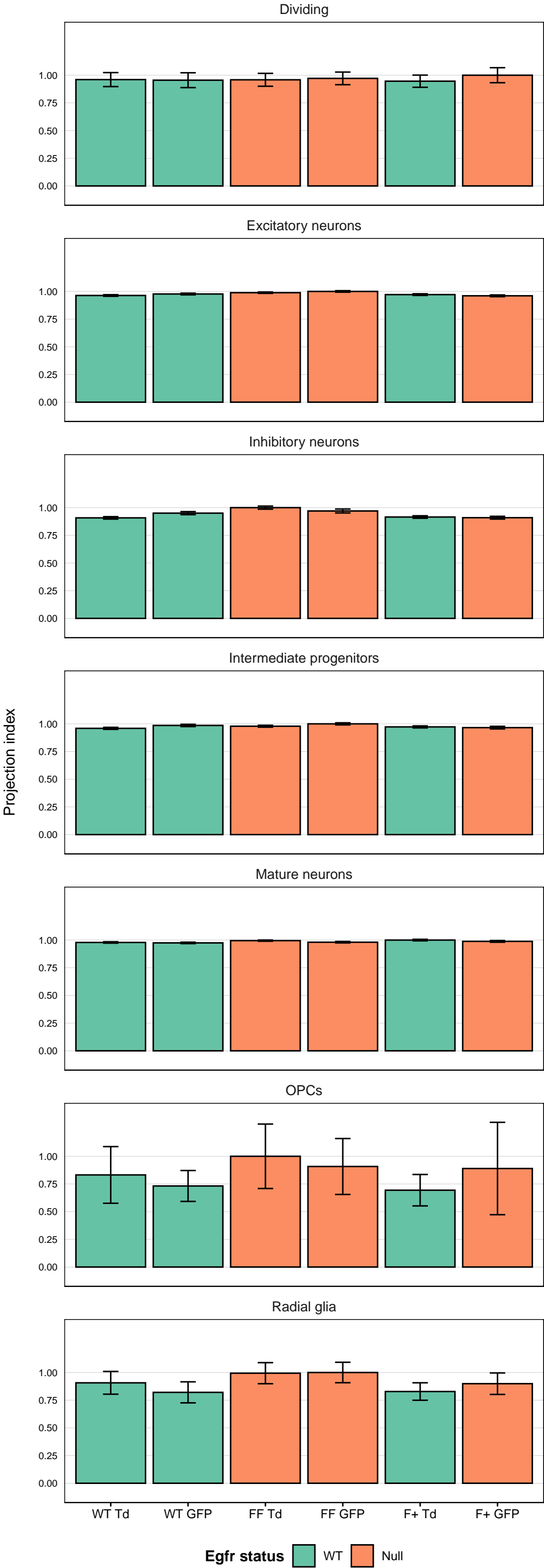
Prelp
Sned1
Pygl
Dmrt3
Tmem132c
Id3
E330013P04Rik
Tnfrsf19
Cpxm2
Necab2
Creb3l1
Sp5
Prox1
Mia
Apcdd1
Crym
Tbata
Enpp2
Dnah7a
Fibcd1



black module

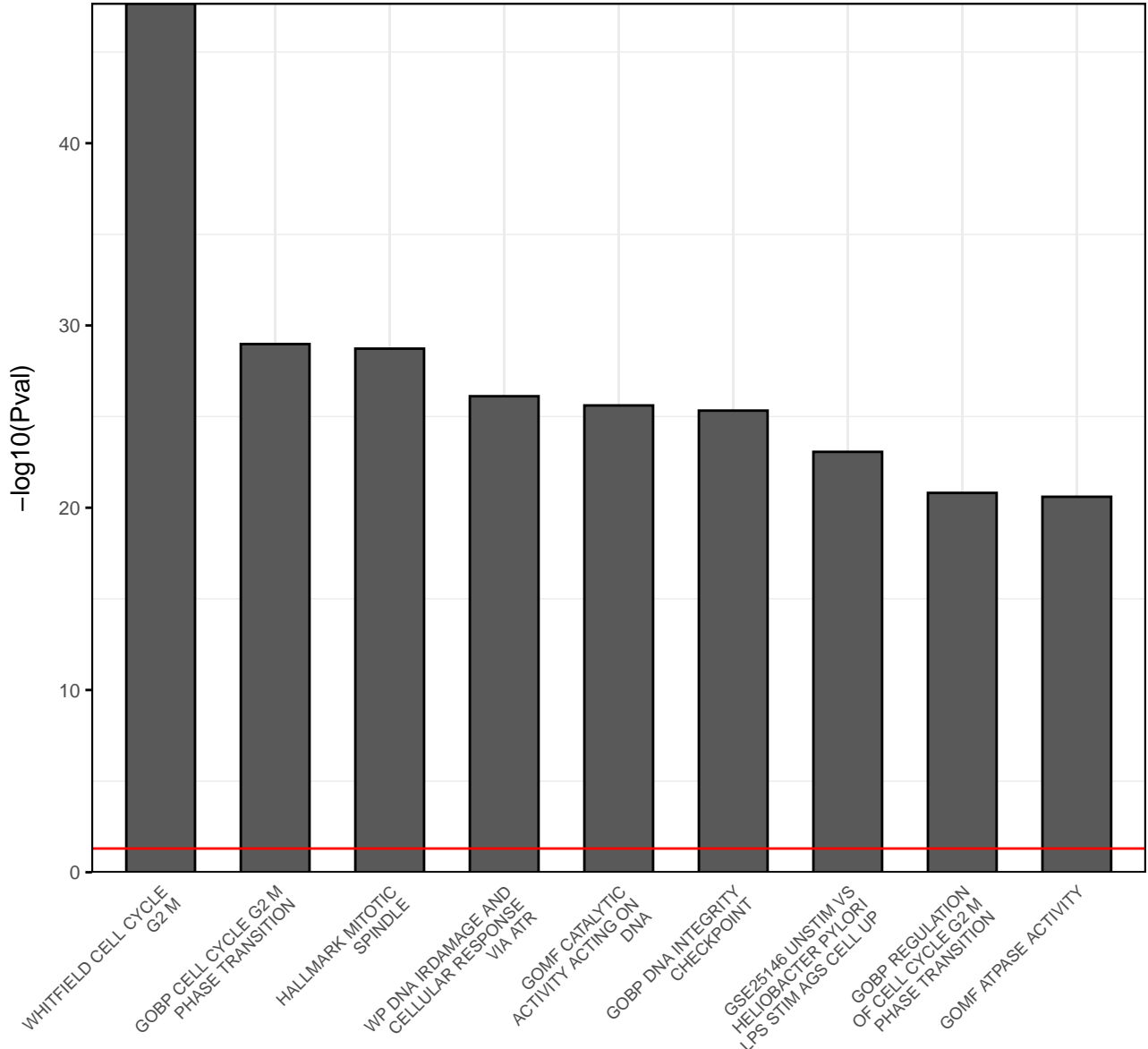
Top 100 by kME

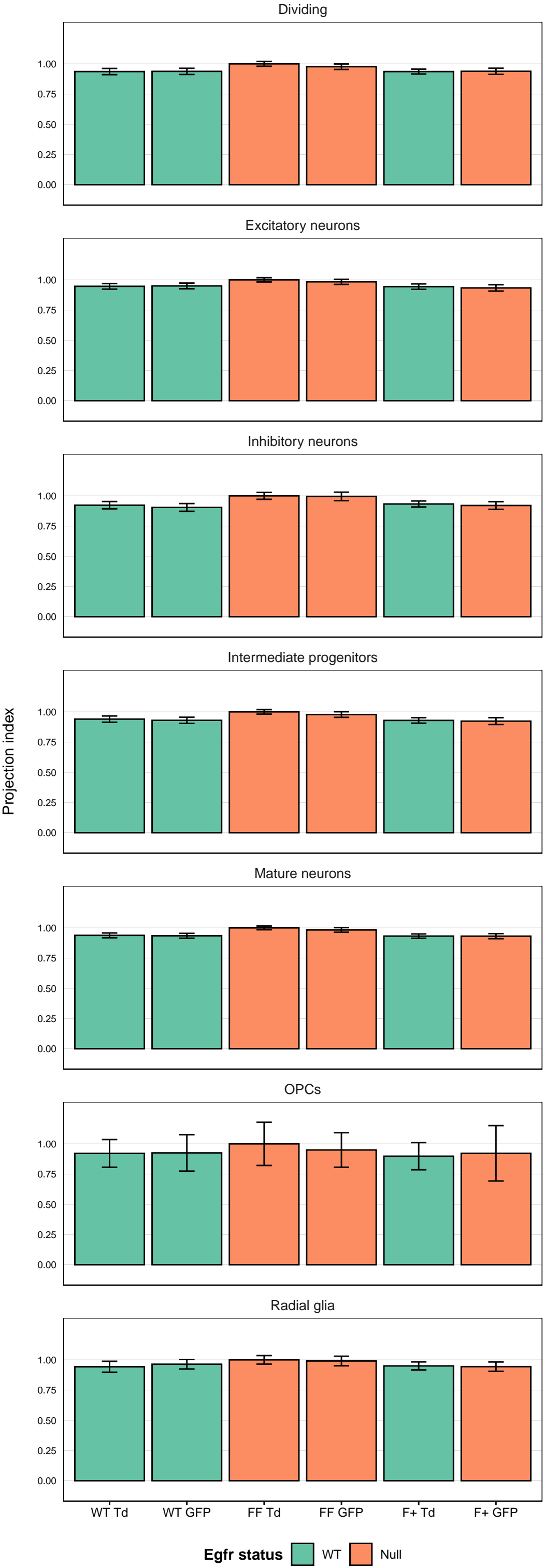
Bicor-None_signum0.627_minSize12_merge_ME_0.85_25509



Top genes by kME

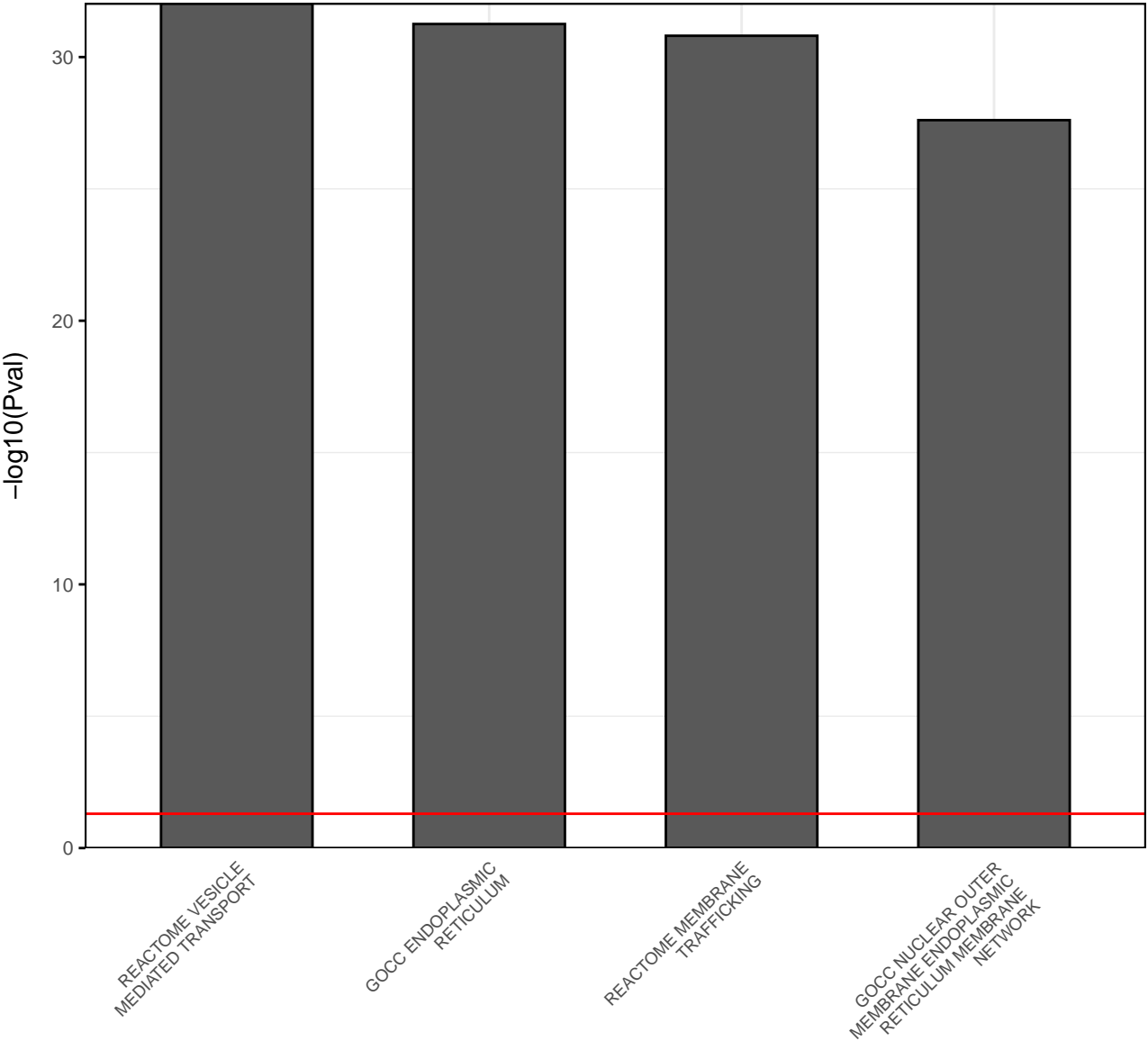
Racgap1
Kif11
Rrm2
Smc2
Incenp
Ect2
Lig1
Rfwd3
Tmpo
Cdca2
Rrm1
Mcm3
Clspn
Nuf2
Kif4
Foxm1
Kif23
Top2a
Clic4
Nek2



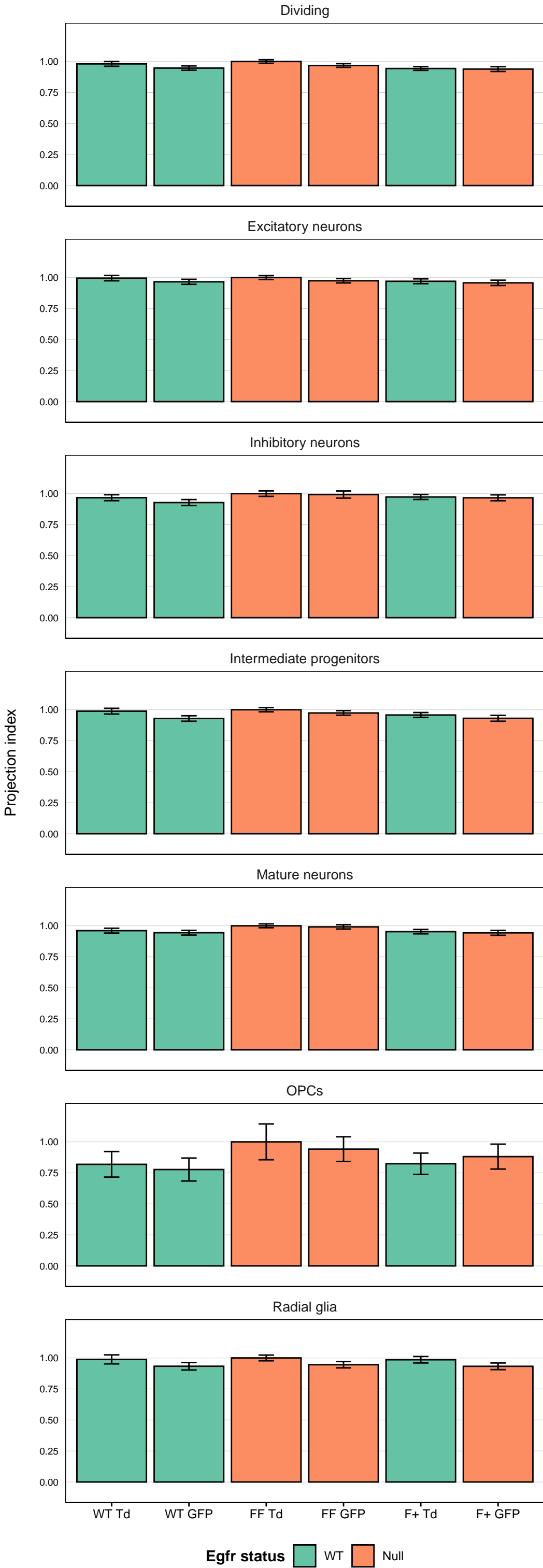


Top genes by kME

Snrpe
Mrpl1
3110001l22Rik
Sumo2
Gm5083
Nol7
2610307P16Rik
Magoh
Tdp2
Rfc4
Rab39
Gemin2
Esco2
Nudcd2
Cenpi
Exosc3
Dut
5330439K02Rik
Eef1akmt2
Nup37

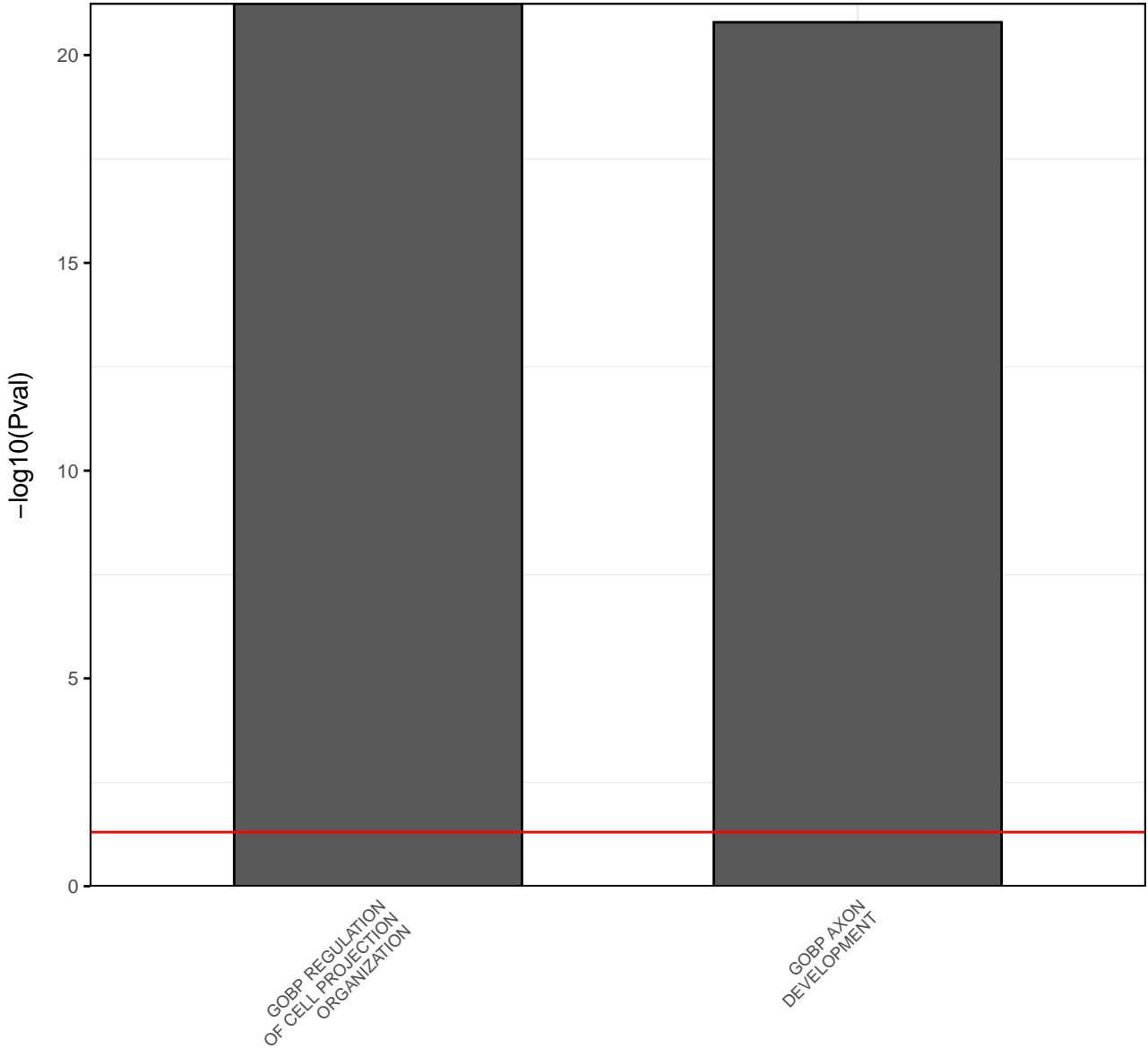


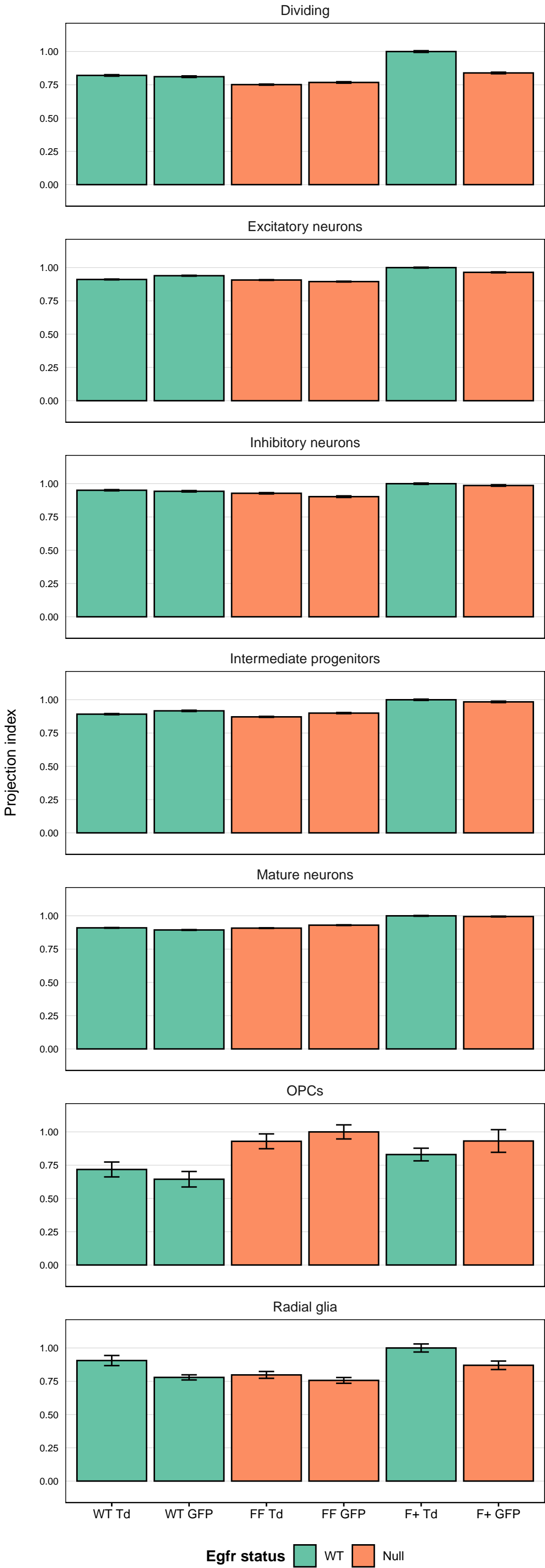
green module
Top 100 by kME
Bicor-None_signum0.627_minSize12_merge_ME_0.85_25509



Top genes by kME

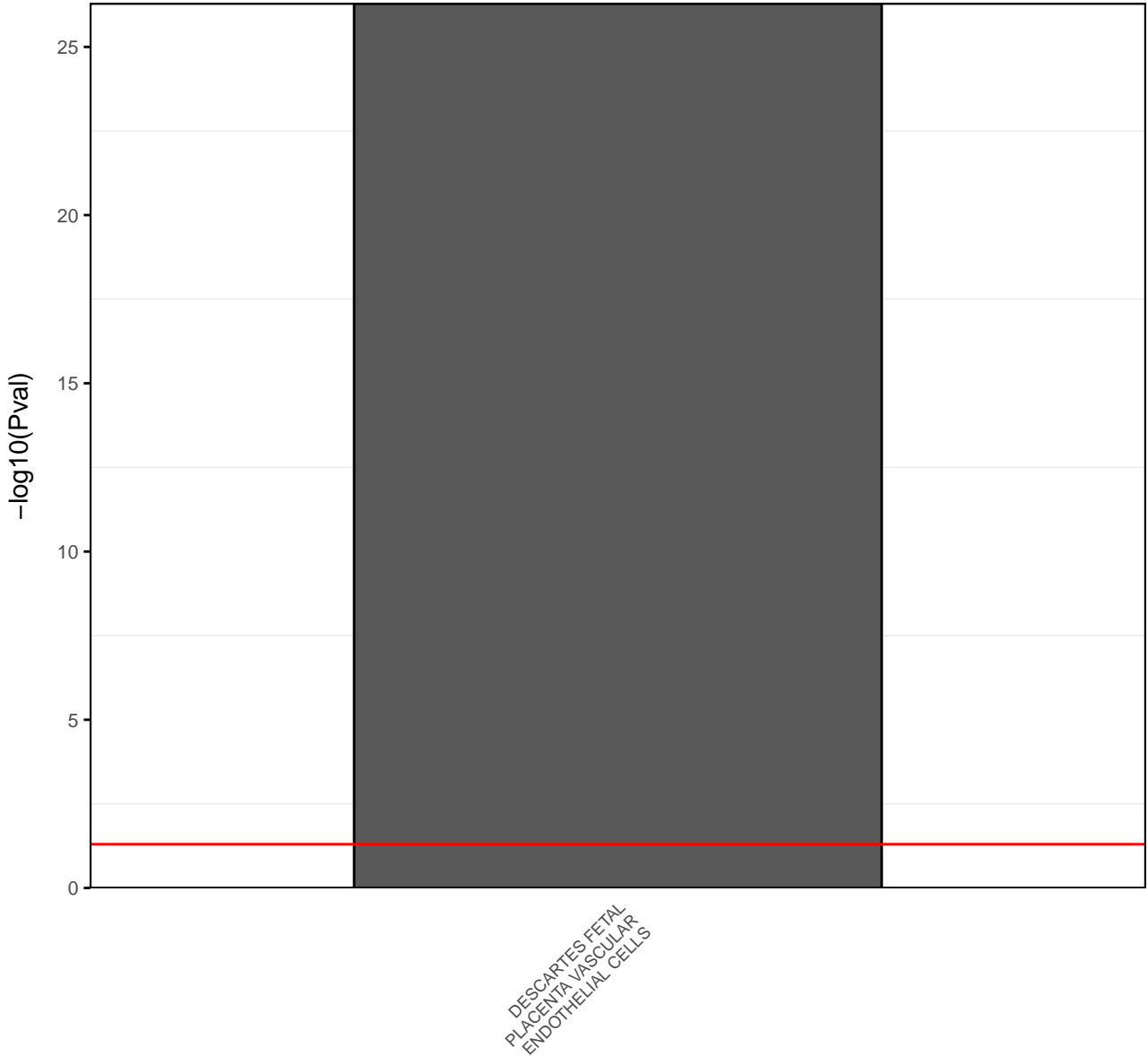
4930558J18Rik
Gins3
Stamos
Brip1
Kif24
BC055324
Anln
Kif15
Rtkn2
Cntln
Spdl1
Hspb6
Kif20b
Akna
Atad2
Bard1
Cenpm
Kif18b
Syne3
Mastl

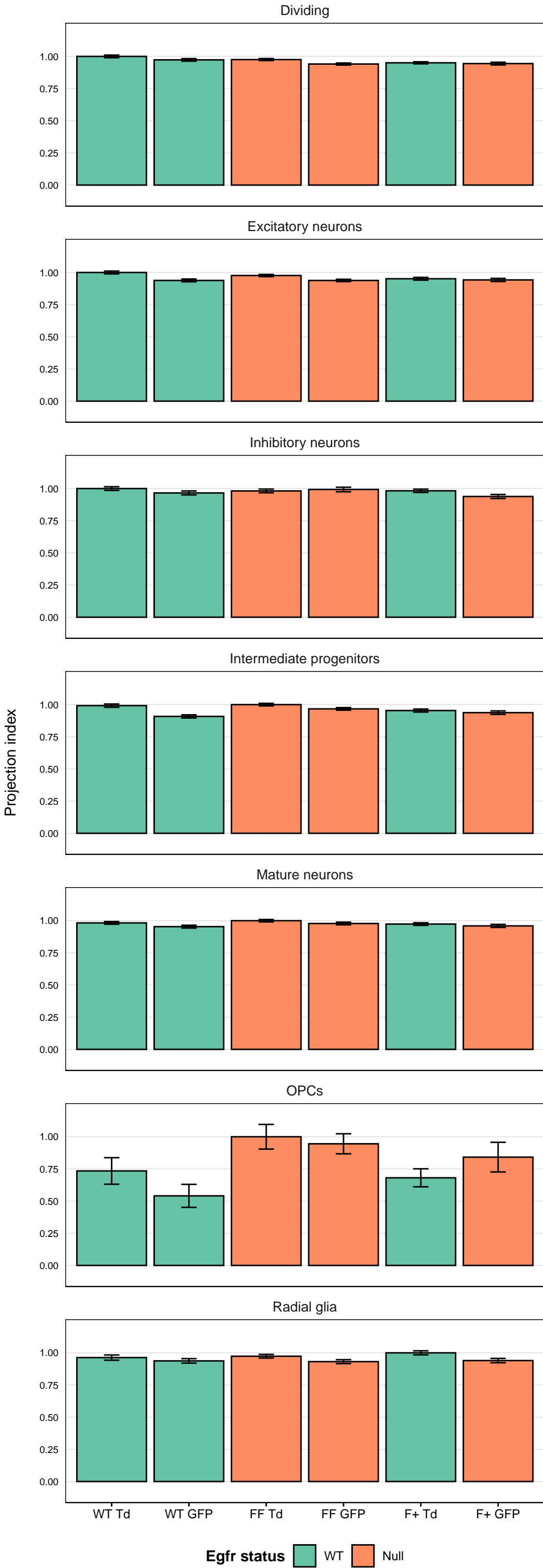




Top genes by kME

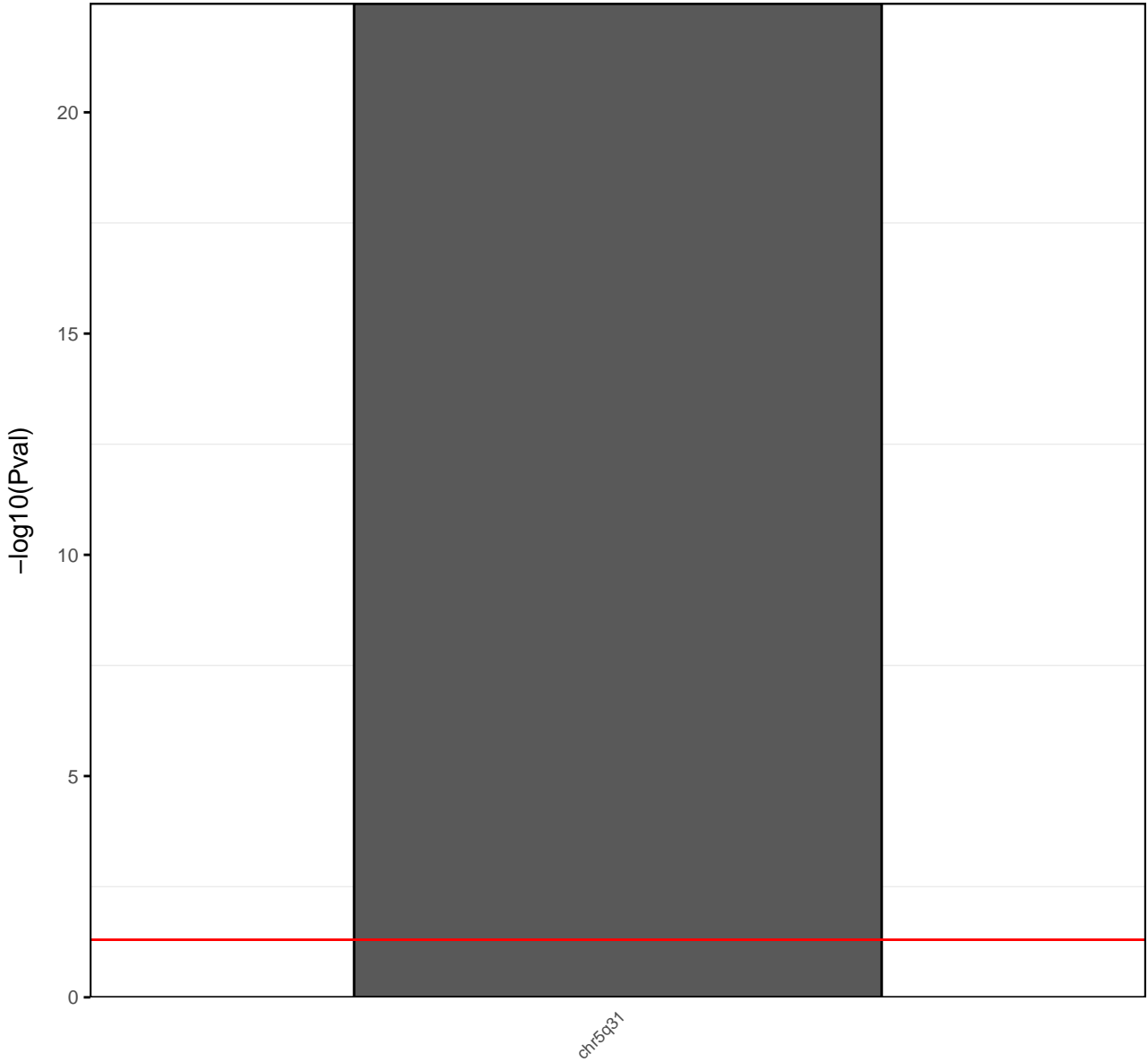
Col4a1
Nid1
B3gnt2
Mmrn2
Slc2a1
Nid2
Vwa1
Ccgc141
Nos3
Pecam1
Dock6
Tfpi
Rhoj
Gatm
Rgs5
Itm2a
Pltp
Cnn2
Lama4
Stard13

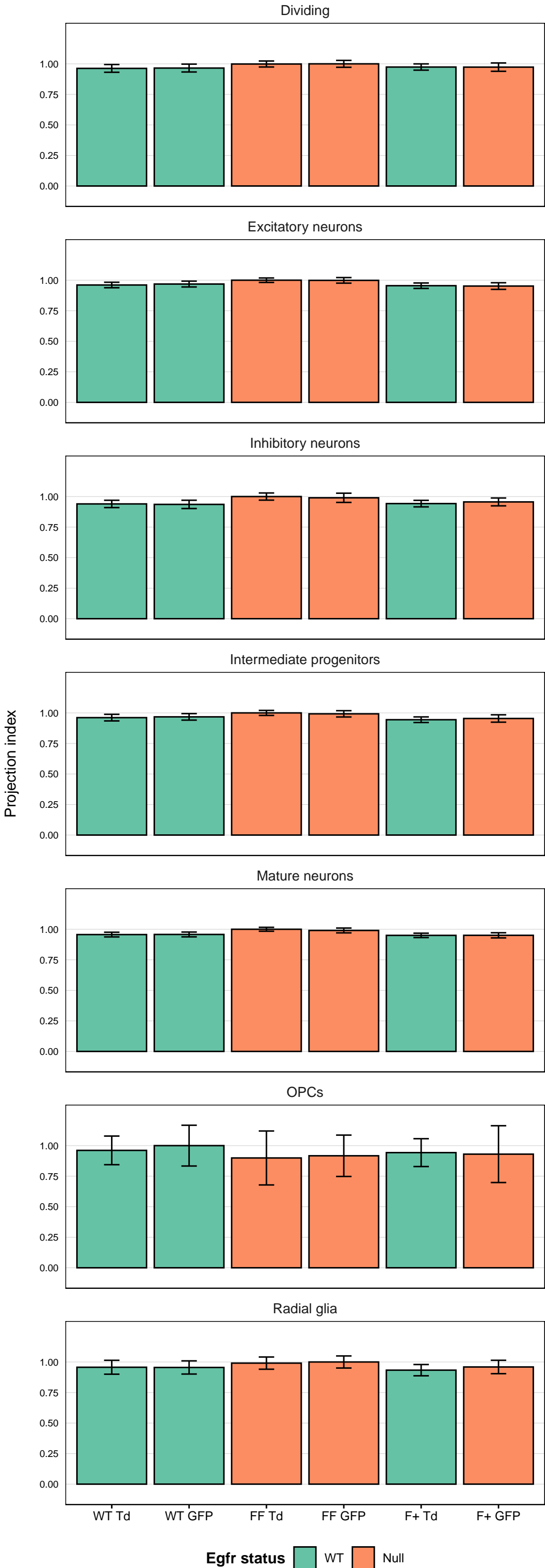




Top genes by kME

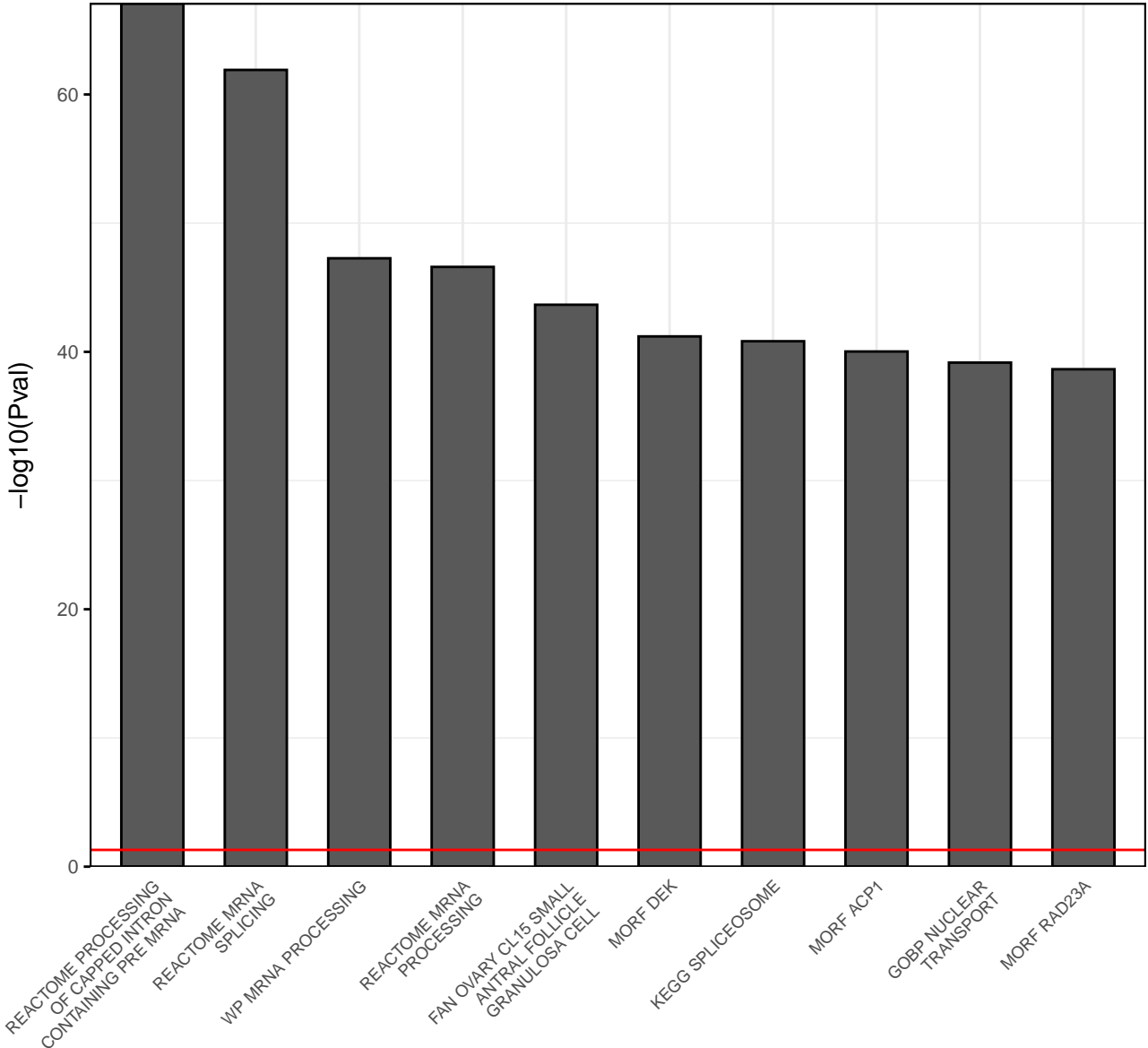
Pcdha2
Pcdha8
Pcdha4
Pcdha3
Pcdha6
Pcdha7
Kcnb1
Rab6b
Pcdha5
Lmbrd1
Rgma
Pcdhb22
Stmn4
Pcdhb16
Pcdhb20
Bcl2
Tanc2
Lsm11
Sgk1
Galnt16



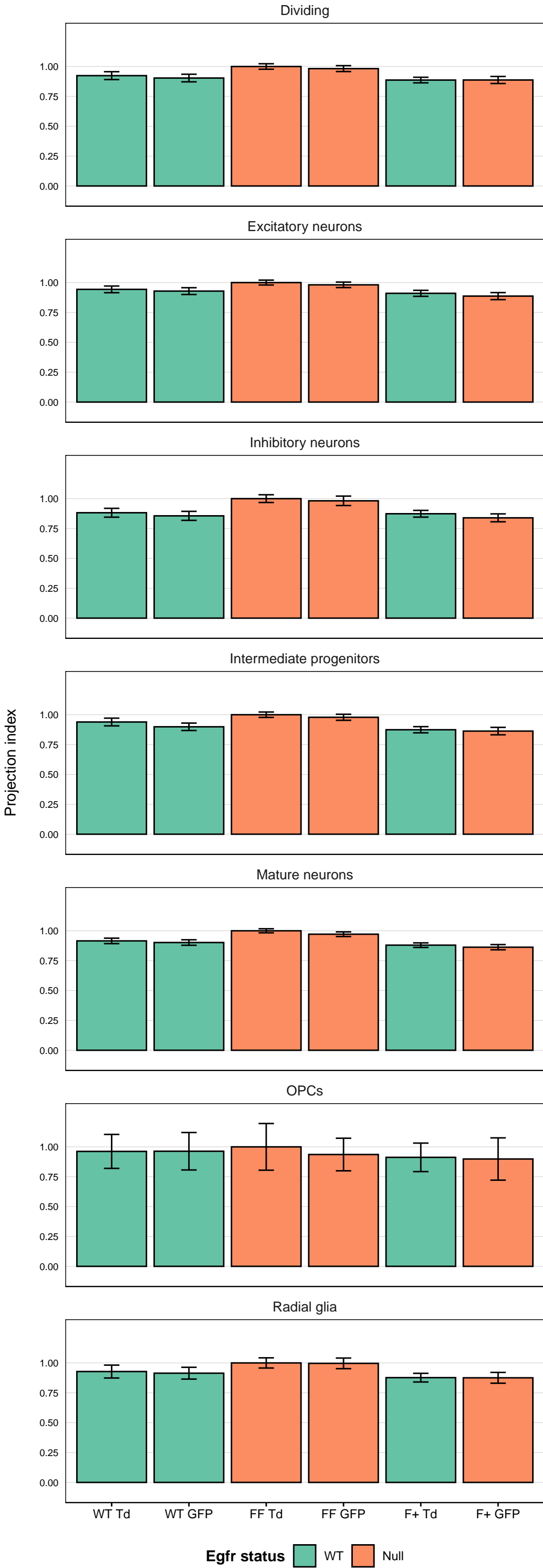


Top genes by kME

Gm14023
Gm17529
Gm16741
0610009L18Rik
Tbx6
Gm42699
Ccgc102a
Gm9856
Ptger1
Ppp1r14a
6720468P15Rik
Npff
Gm48045
Gm12925
Drd4
Lama5
7530416G11Rik
Gm14488
C230035I16Rik
Smco4

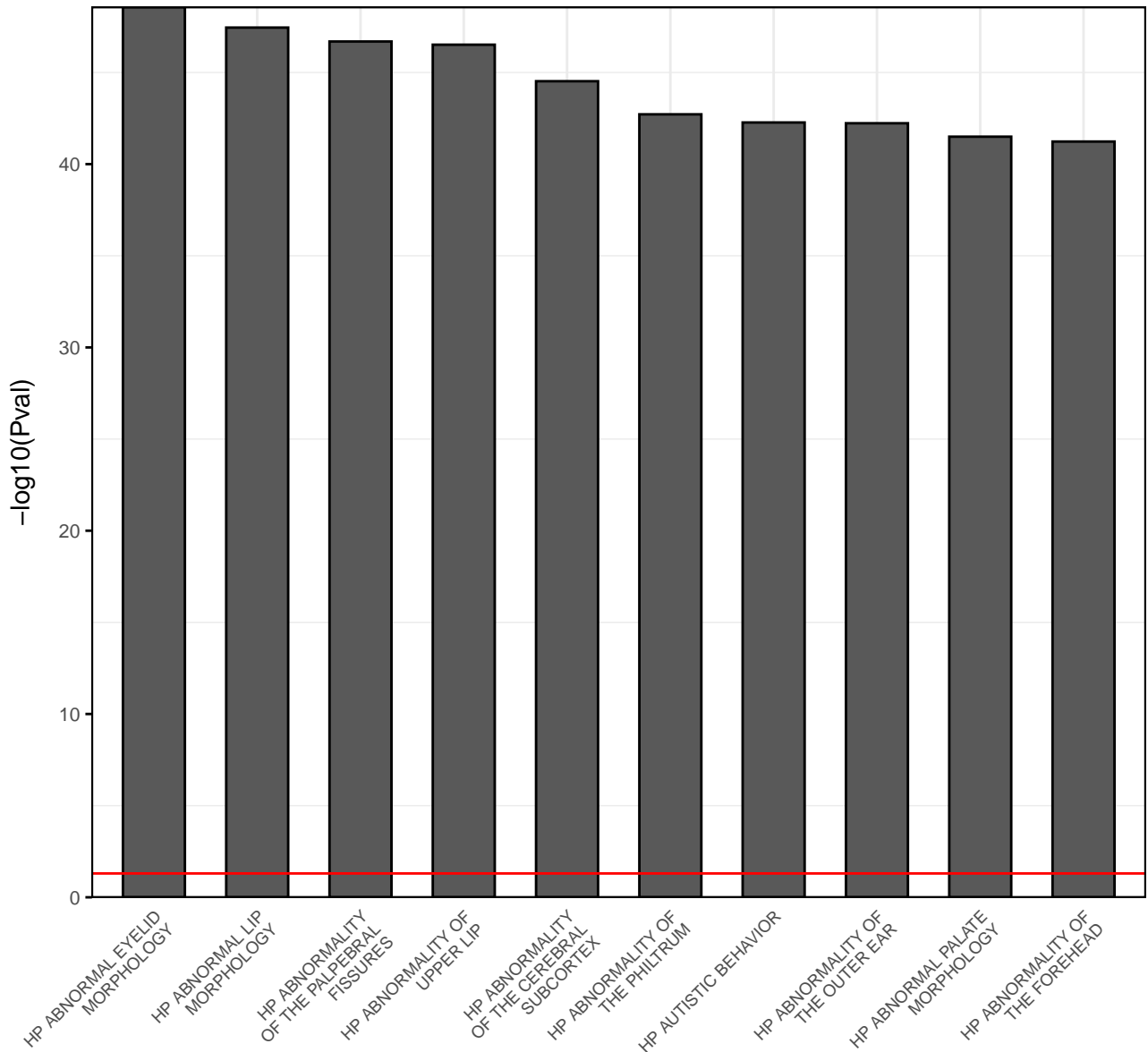


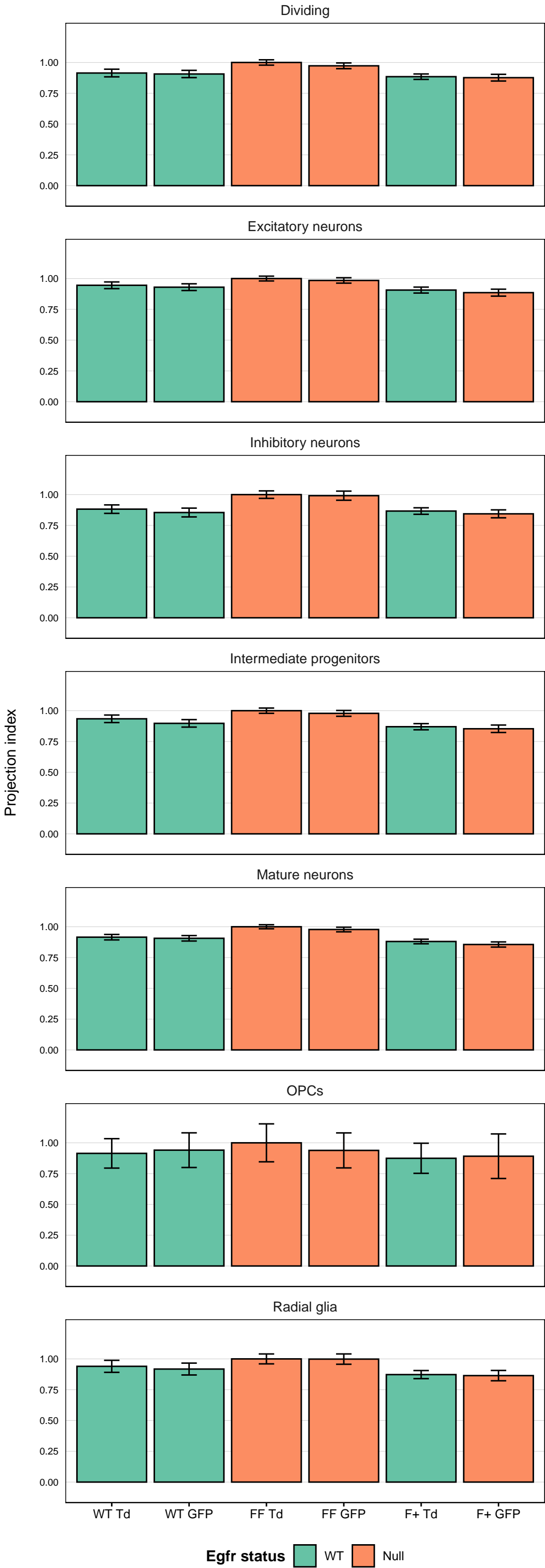
yellow module
Top 100 by kME
Bicor-None_signum0.627_minSize12_merge_ME_0.85_25509



Top genes by kME

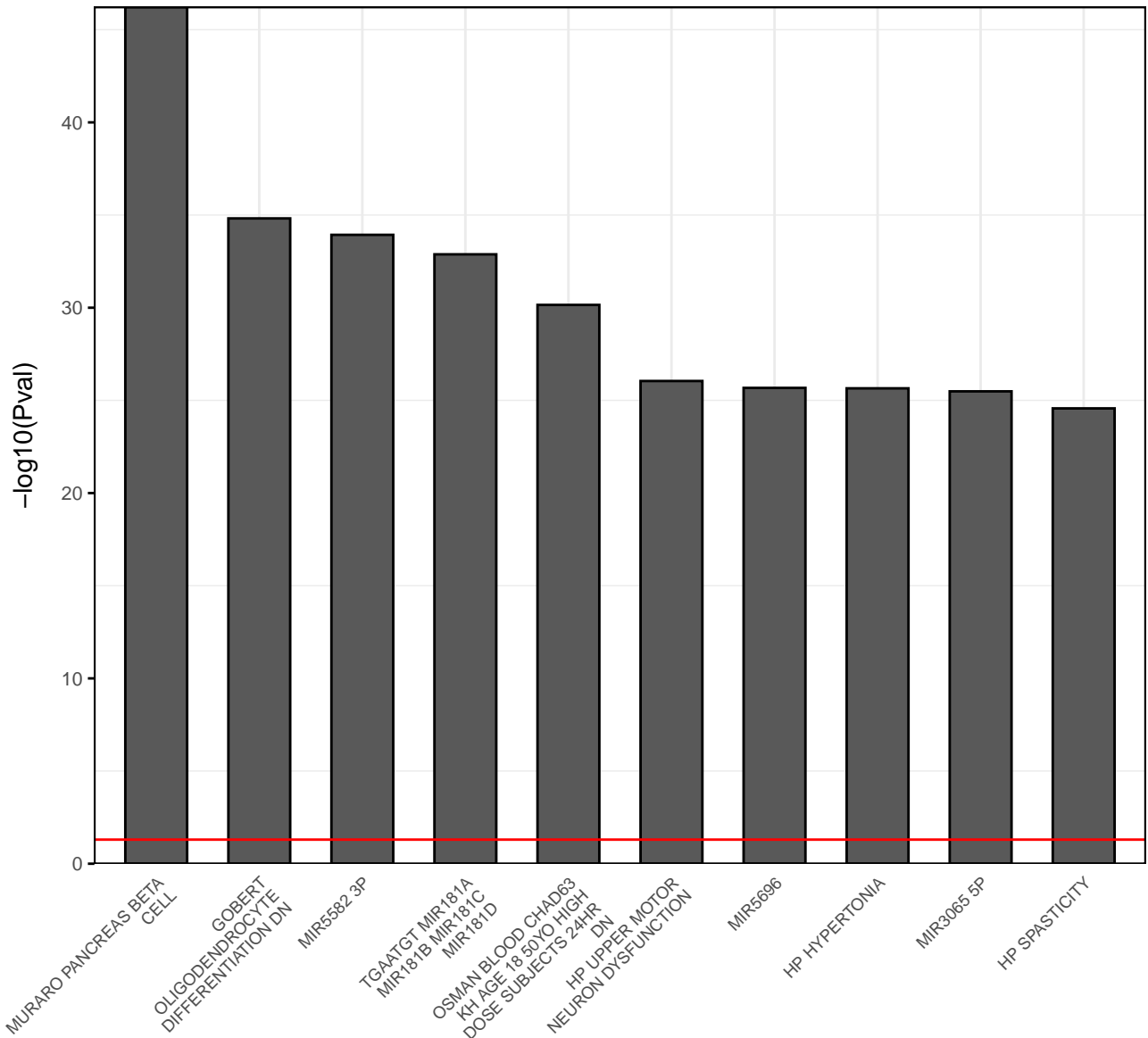
Efna2
Csrnp3
Afg3l1
Pak1
Adgrl2
Atxn1
Gm42372
Grk3
Robo1
Cplx1
Shc3
Zfp827
Mak
Jarid2
Sertad4
Kihl29
2310057M21Rik
Tgfbr1
Btbd3
Atxn7l2



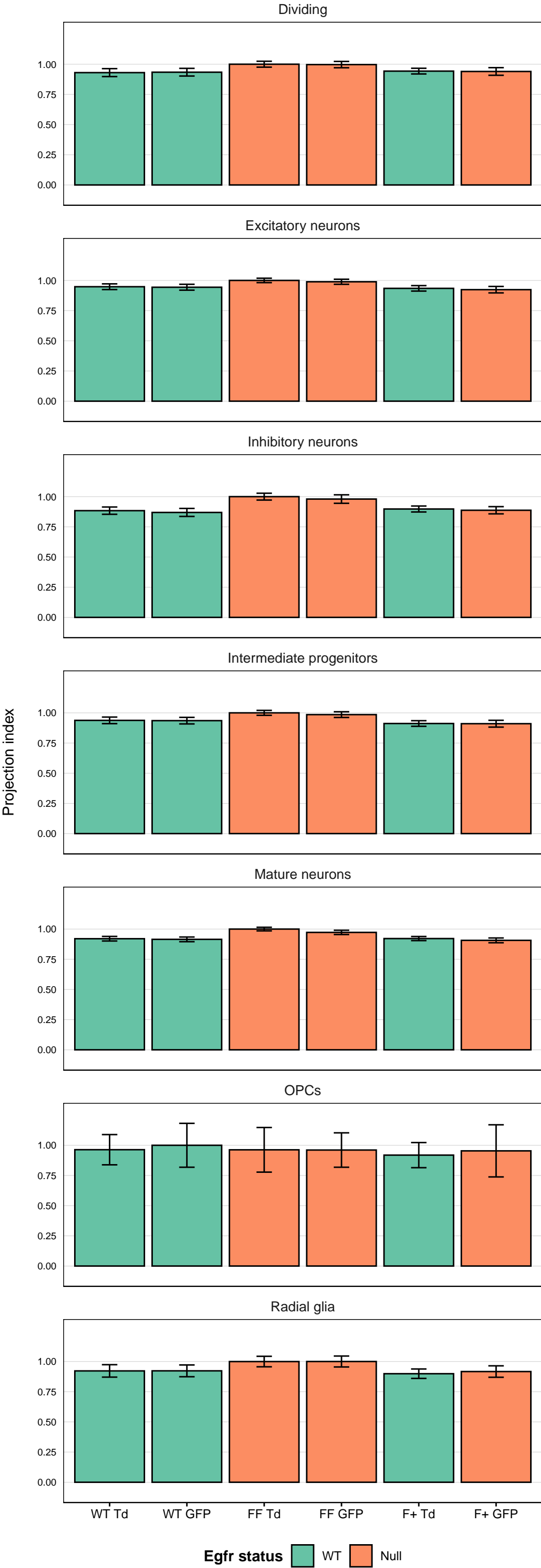


Top genes by kME

Trmt9b
Gm43330
Gm43689
Ddx58
2010109A12Rik
3110021N24Rik
C030047K22Rik
Bst2
Angptl6
Urah
Gm7879
Gm43570
BC049715
Zcchc10
A730061H03Rik
Gm47018
Gm11508
Bik
1700093J21Rik
Cmss1

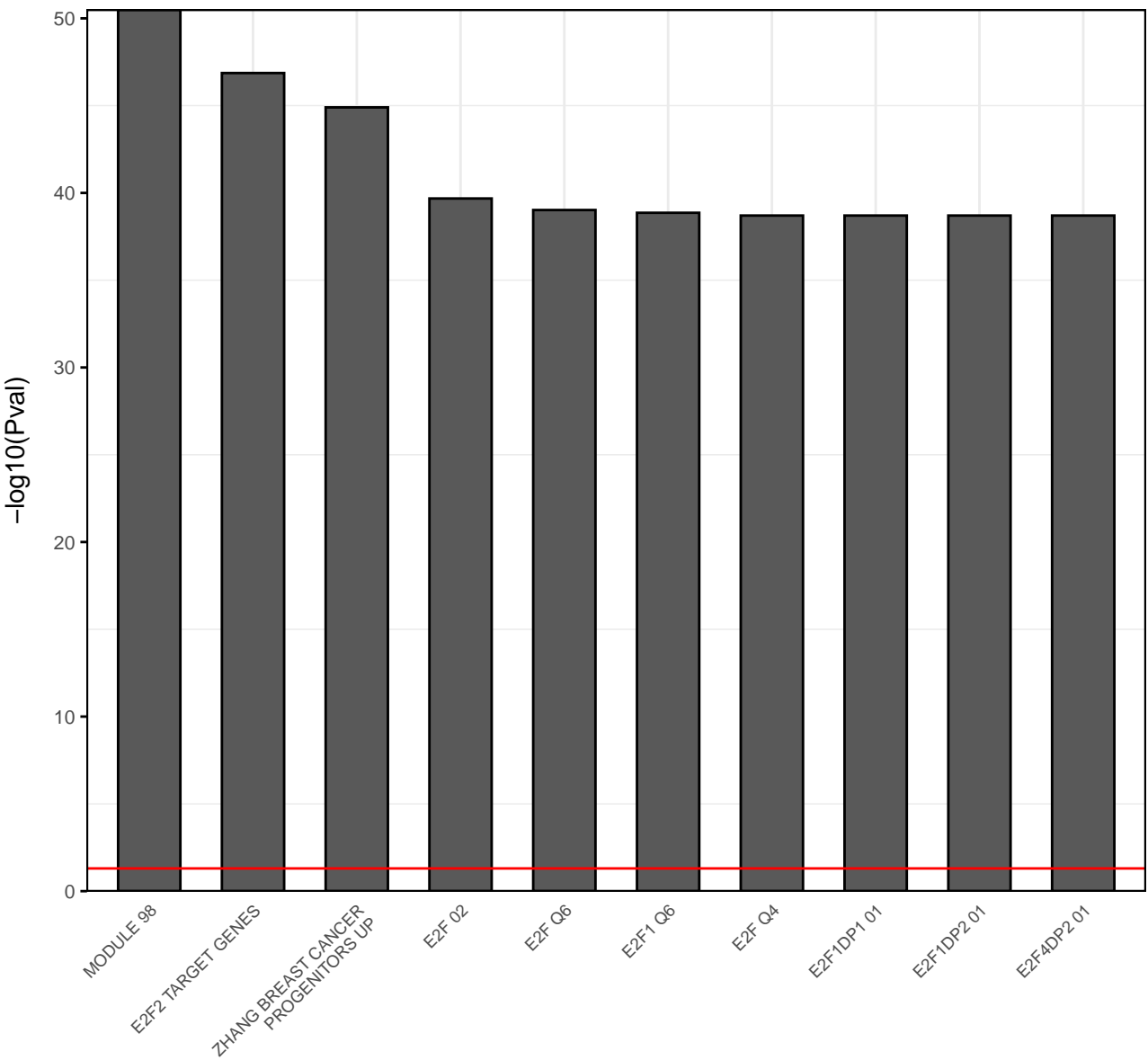


grey60 module
Top 100 by kME
Bicor-None_signum0.918_minSize15_merge_ME_0.85_25509

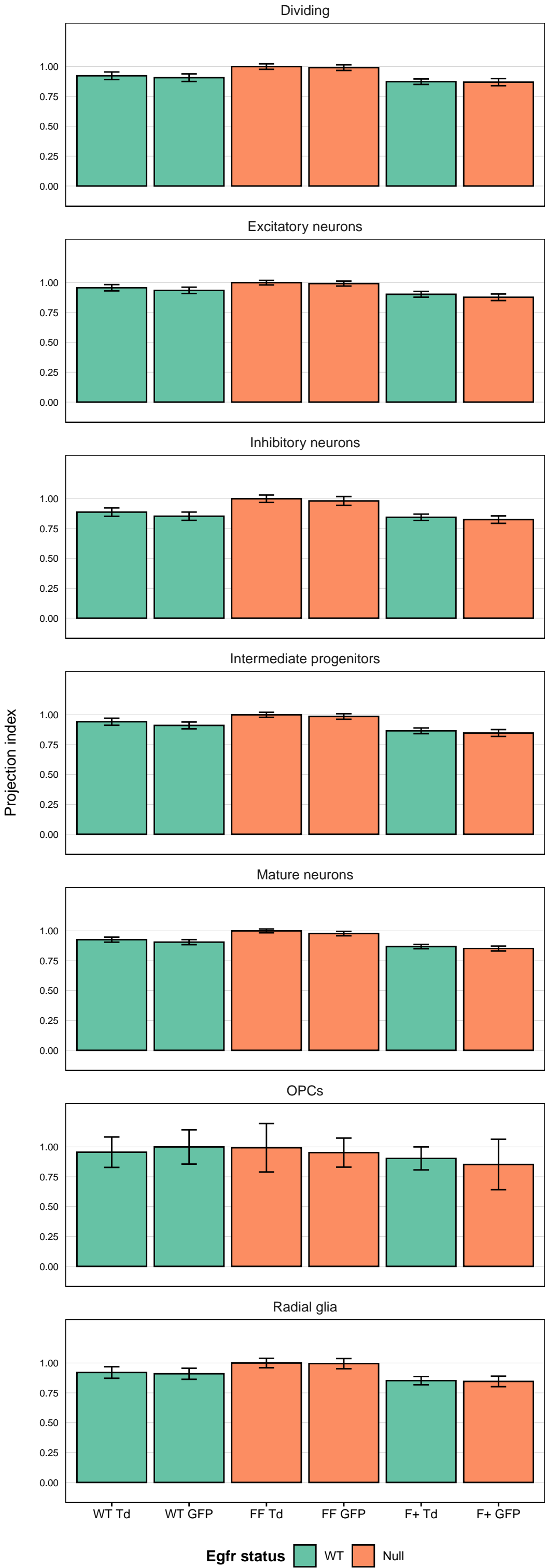


Top genes by kME

Arhgef2
Ccnk
Msh2
Smc3
Mier3
Mapk1ip1l
Sin3a
Hnrnpu
Zfp518b
Senp1
Ccadc177
Ctcf
Kbtbd2
Fam98b
Zfp334
Ncl
Sephsl
Zfp629
Rad21
Rif1

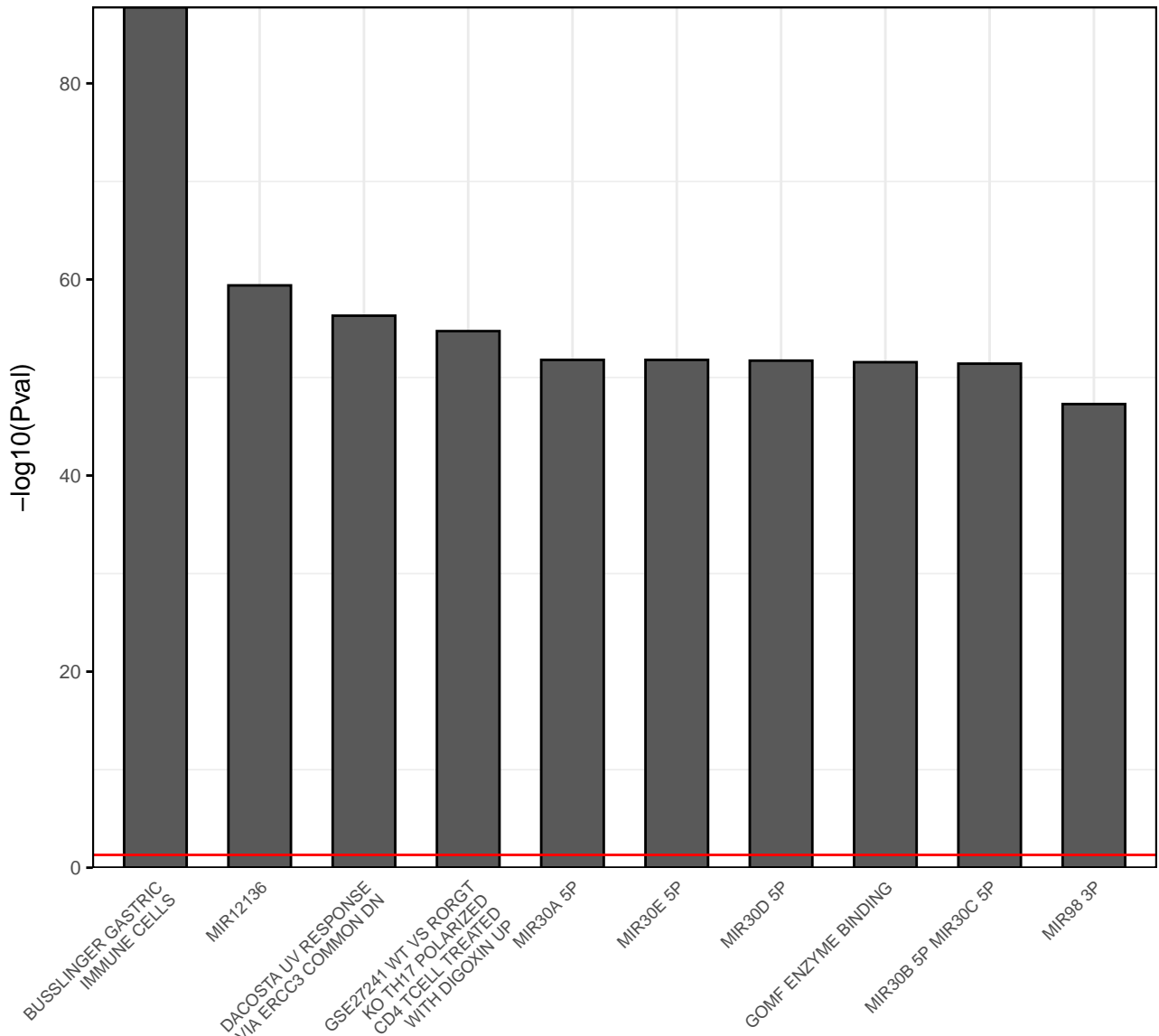


lightyellow module
Top 100 by kME
Bicor-None_signum0.918_minSize15_merge_ME_0.85_25509



Top genes by kME

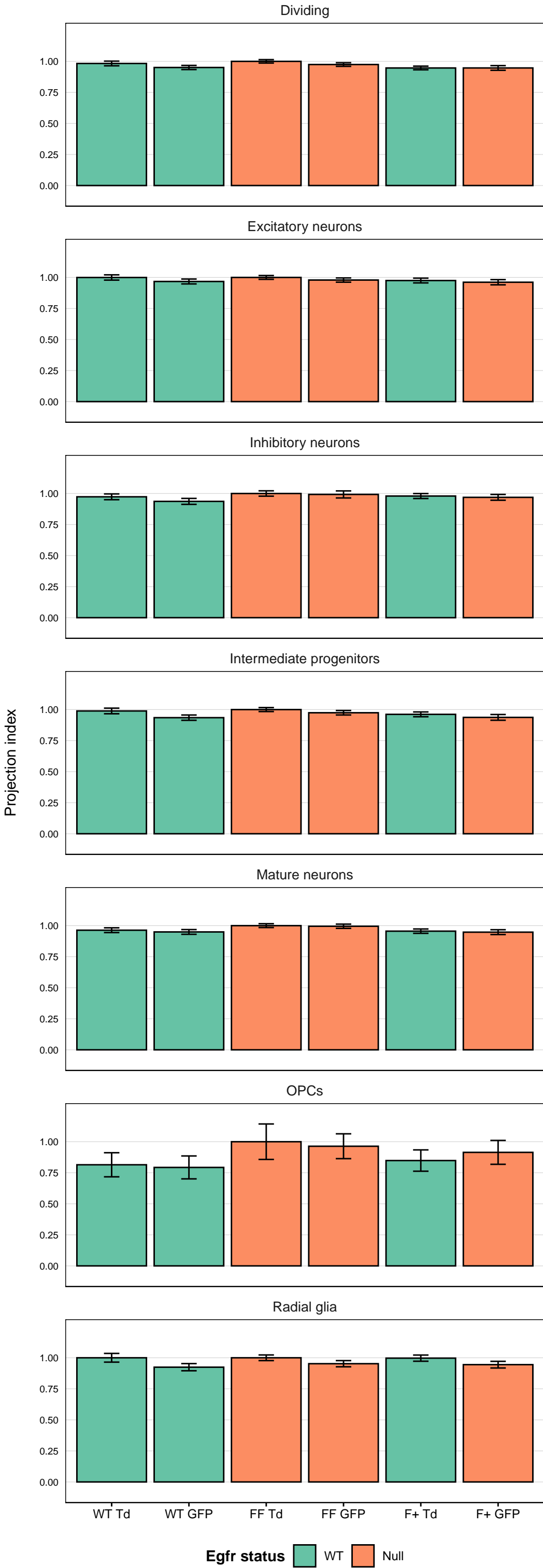
Ccdc6
Pom121
Cnot1
Pogz
Oga
Tet3
Sec24b
Hcfc1
Wiz
Bicral
Emsy
Med13
Med1
Bdp1
Dyrk1a
Celf1
Cep350
Fbrs
Sh3pxd2b
Rlf



blue module

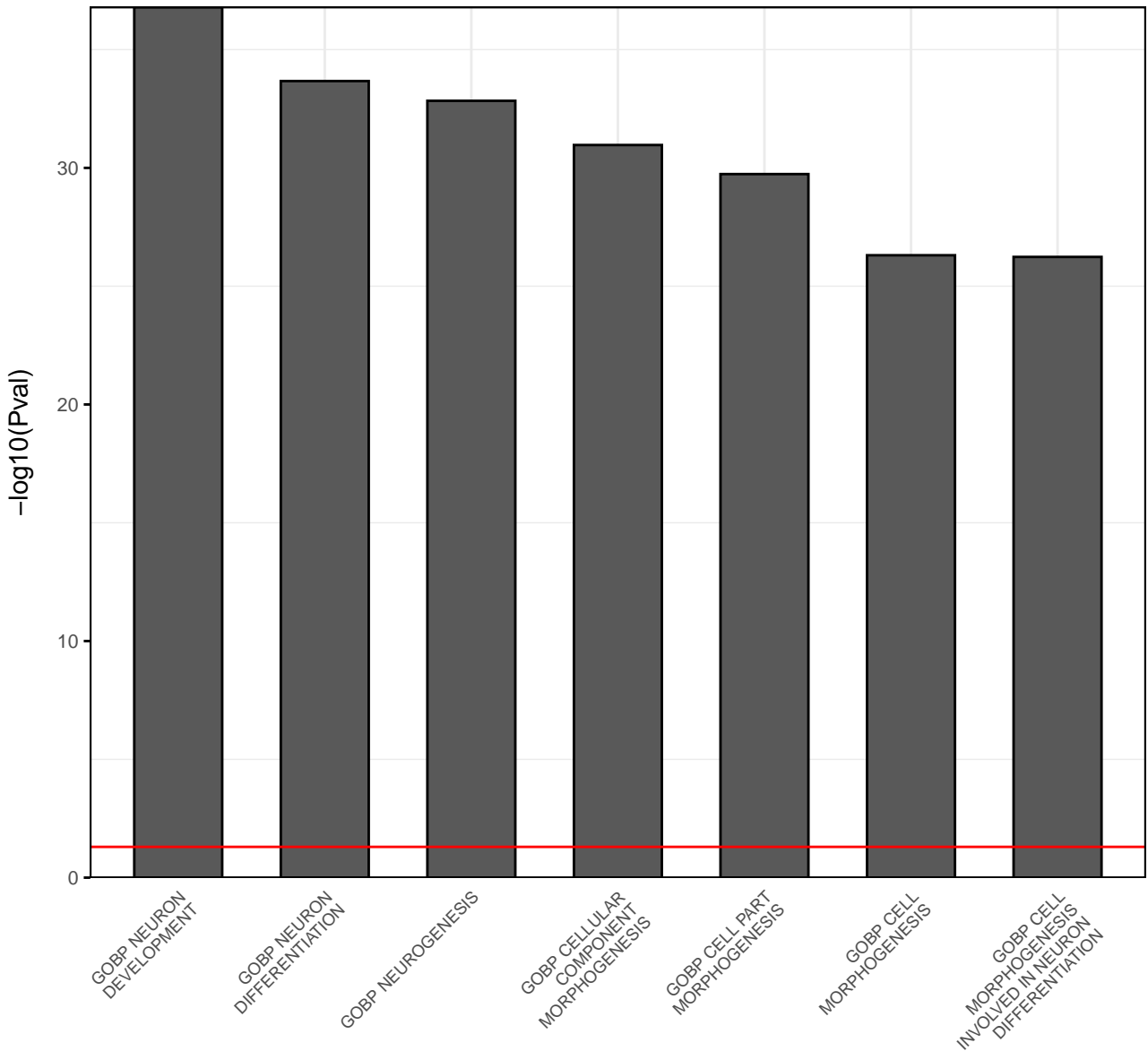
Top 100 by kME

Bicor-None_signum0.627_minSize15_merge_ME_0.85_25509

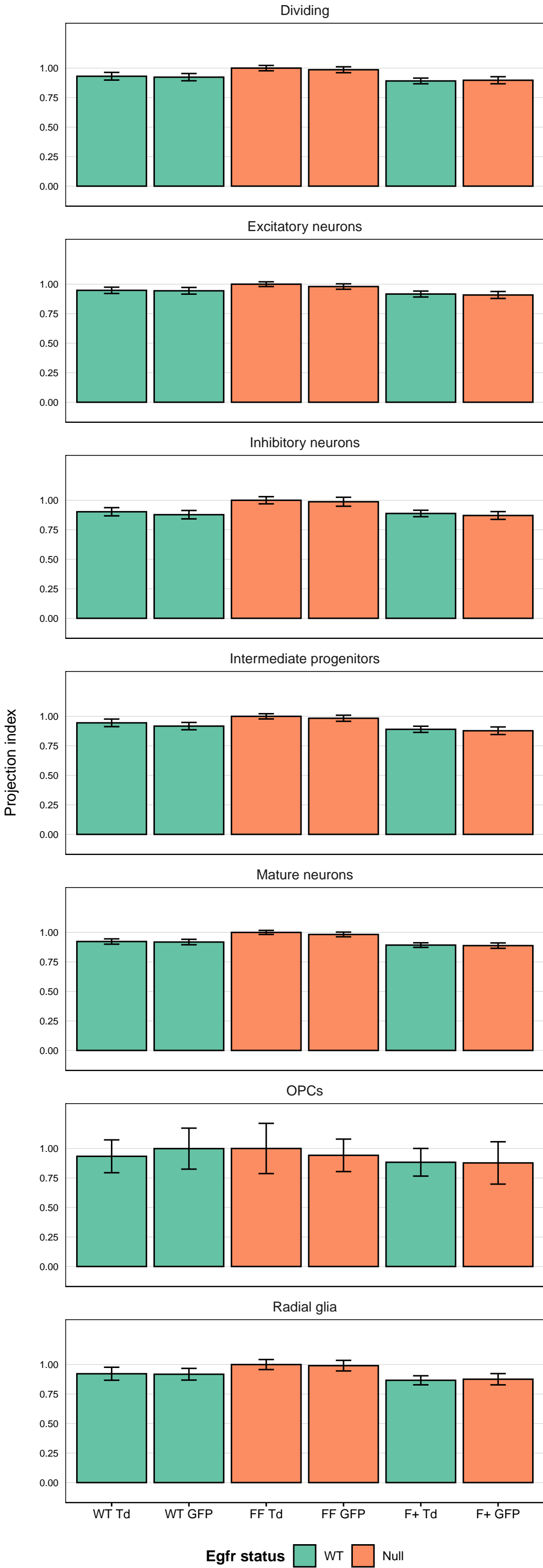


Top genes by kME

Slc16a4
D130062J10Rik
S1pr1
Slc1a3
Gpx7
Filip1l
Tfap2d
Gm29684
Pip5k1b
Gm16062
Gm42716
Rbks
Gm43623
Rbm43
Ttpa
Naaa
Hmgcs2
Ripk1
Camk2d
Gm29488

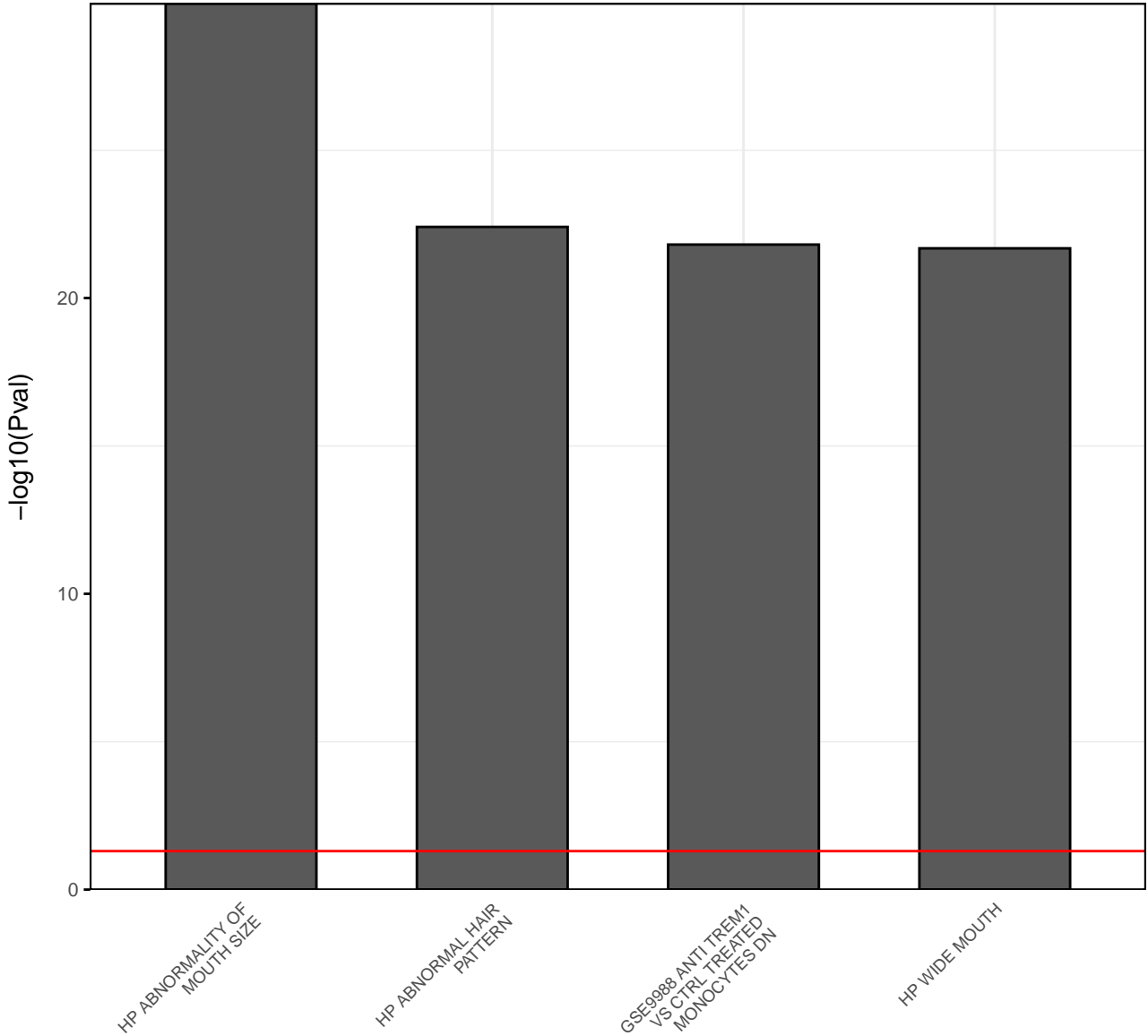


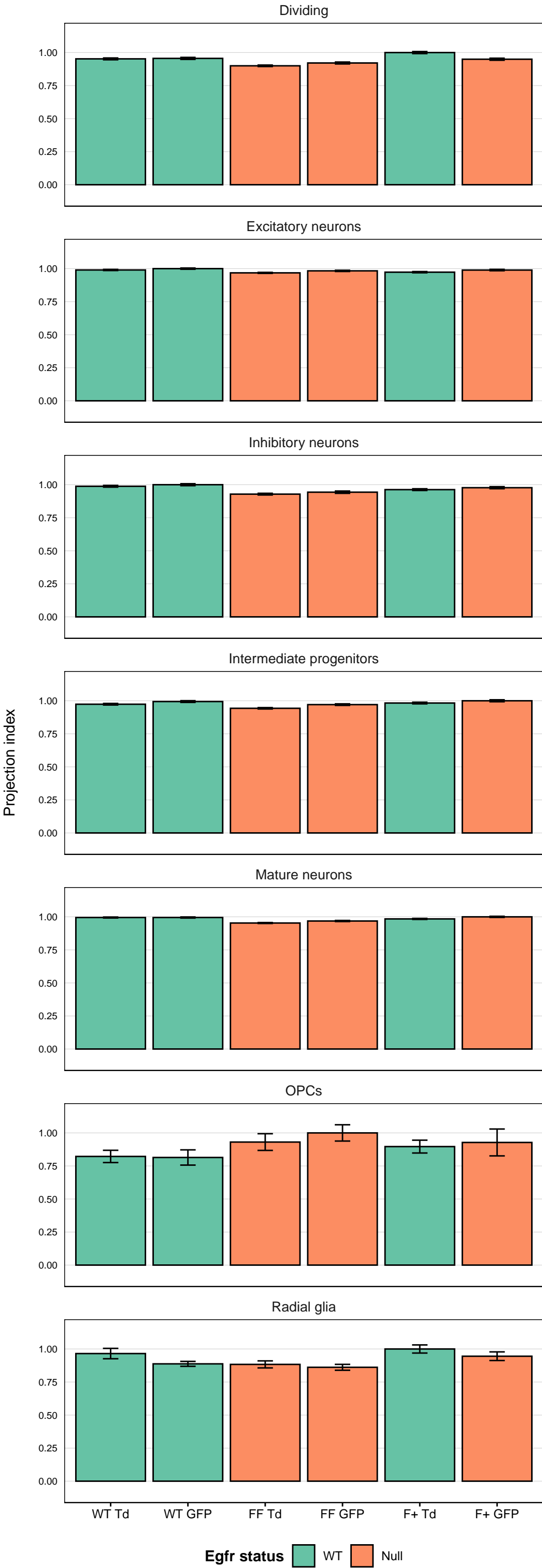
brown module
Top 100 by kME
Bicor=None_signum0.627_minSize15_merge_ME_0.85_25509



Top genes by kME

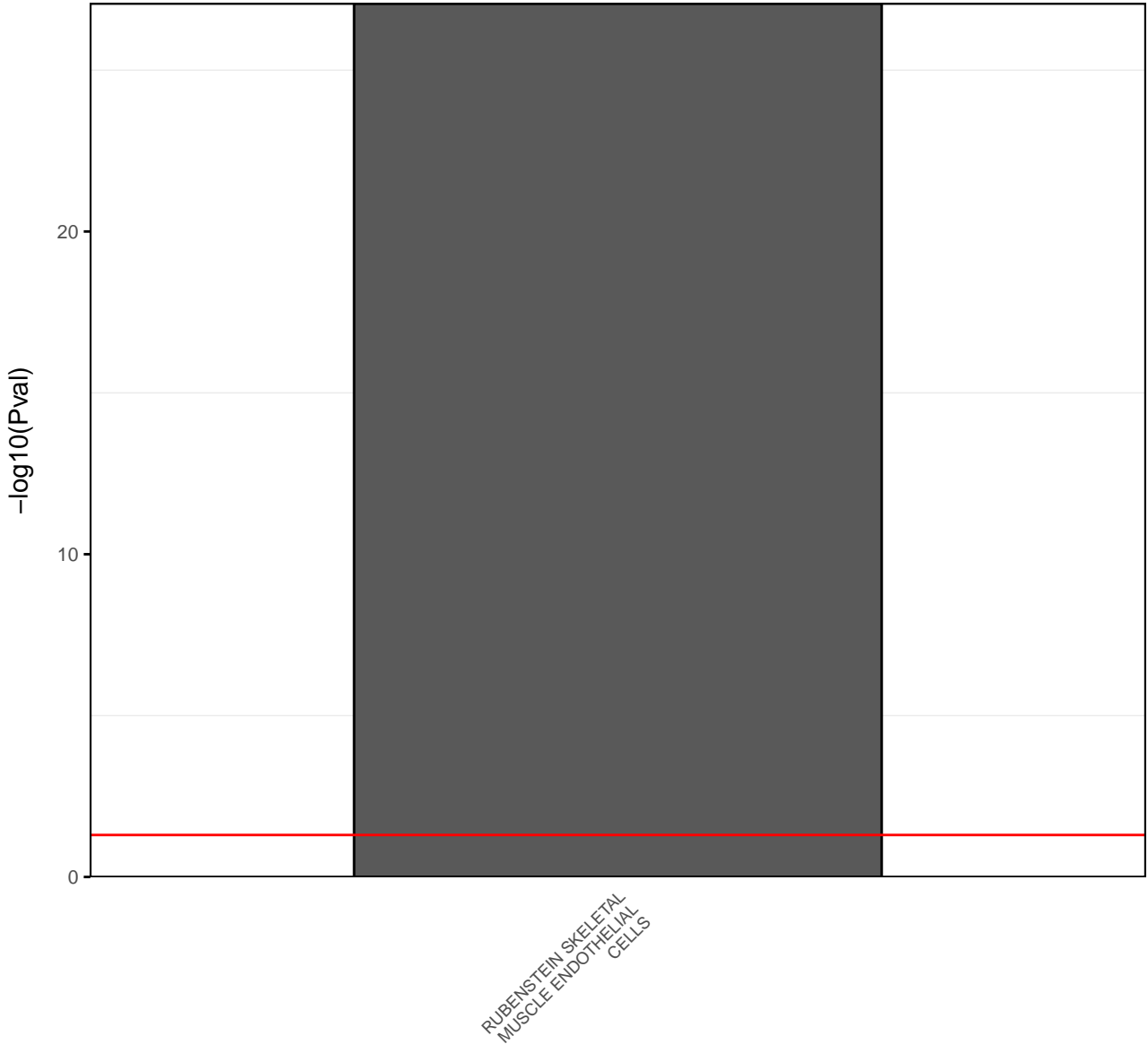
Arid2
Hectd1
Asxl2
Pum1
Hnrnpul2
Ncor1
Zfp532
Kmt5b
Gon4l
Rtf1
Zfp106
Ankrd17
Lrp6
Eml4
Sf3a1
Brd3
Med23
Ankfy1
Arid4a
Zfp142

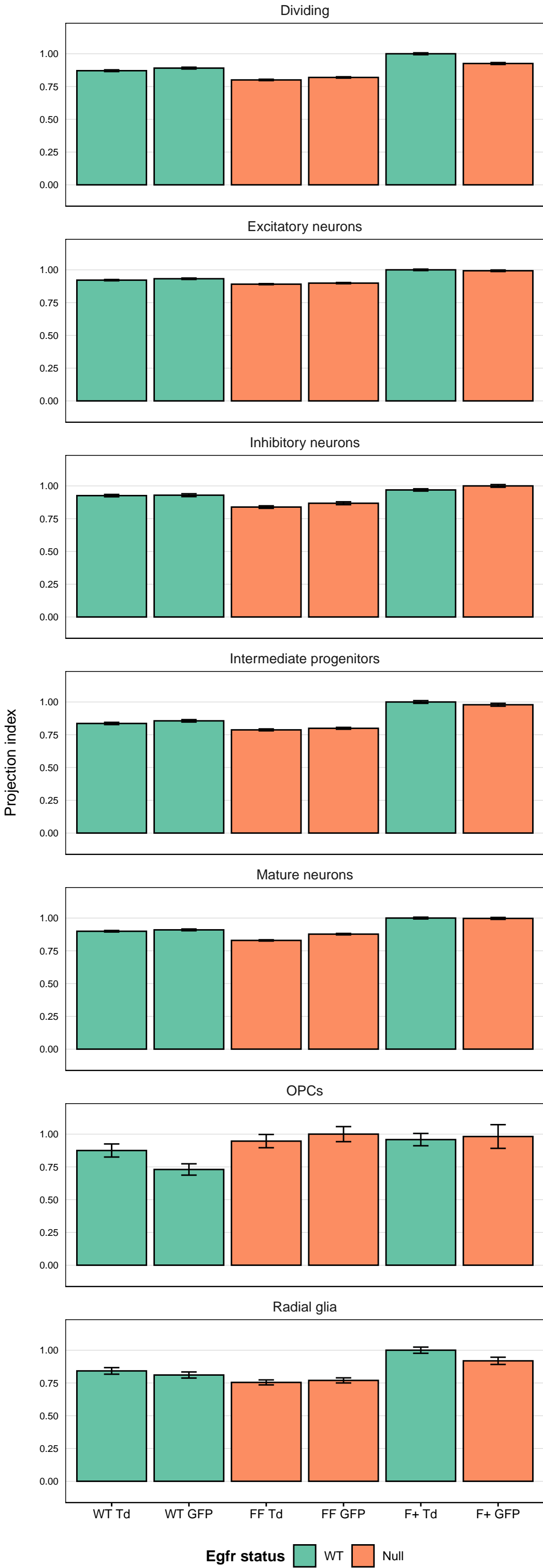




Top genes by kME

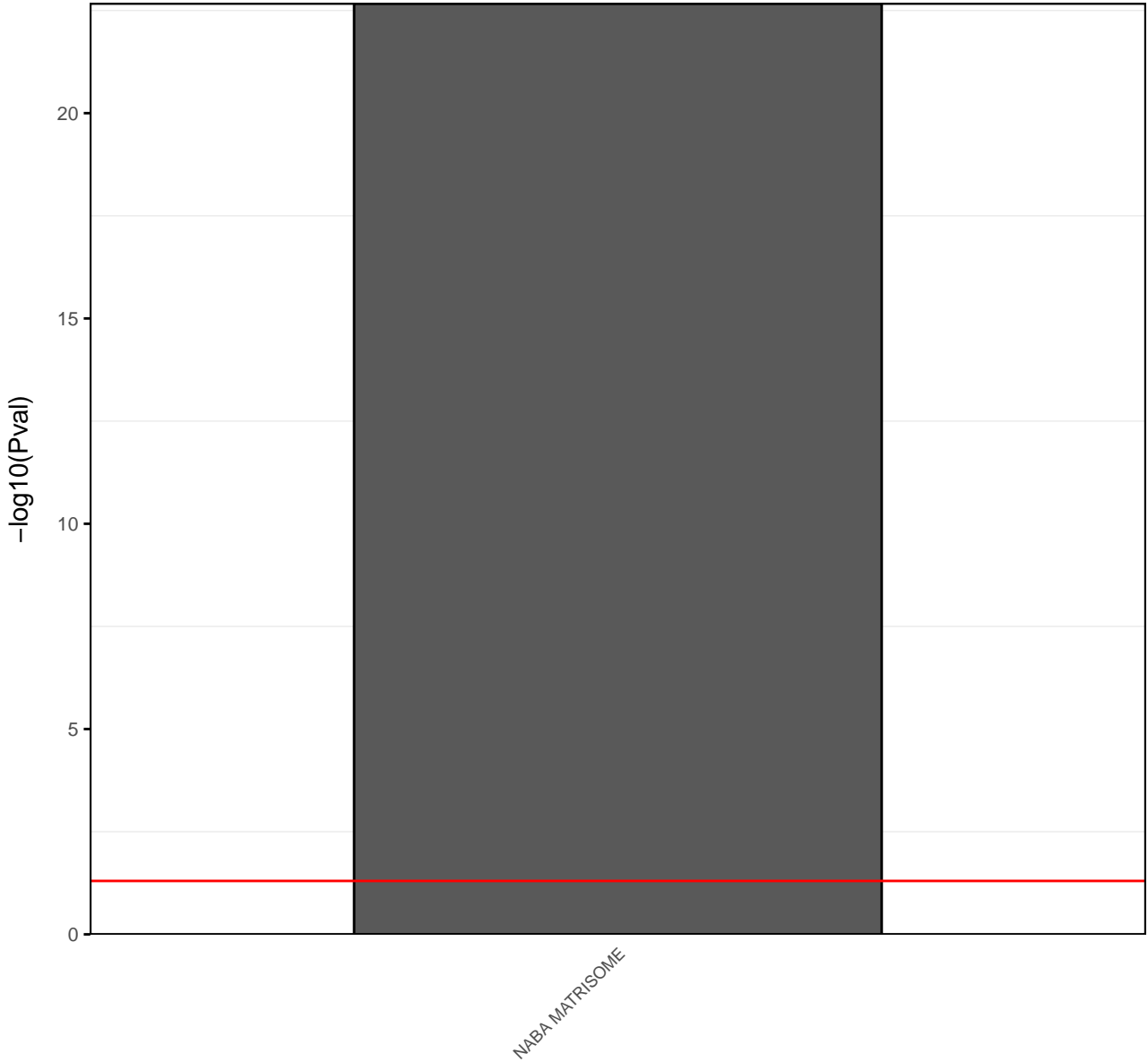
Mmrn2
Rgs5
Rhoj
Ifi27
Nid1
Vwa1
Gatm
Col4a1
Ccdc141
B3gnt2
Pltp
Car2
Tfpi
Dock6
Bgn
Nos3
Itm2a
Arpc1b
Nid2
Cnn2

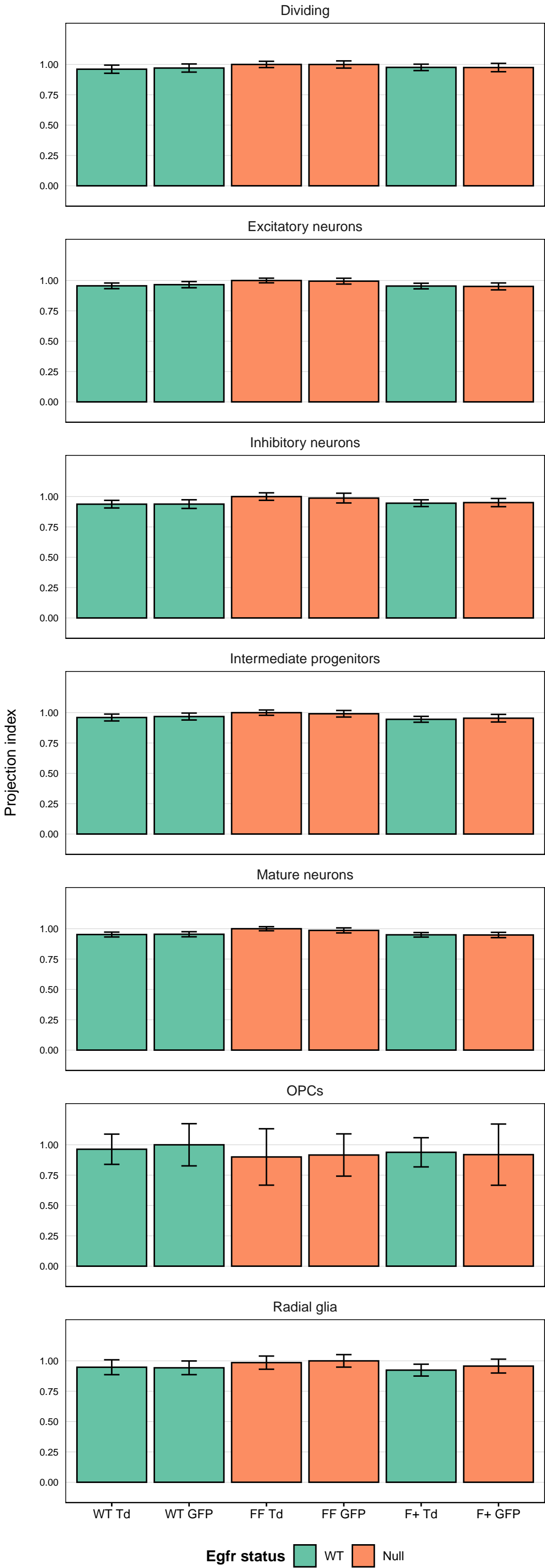




Top genes by kME

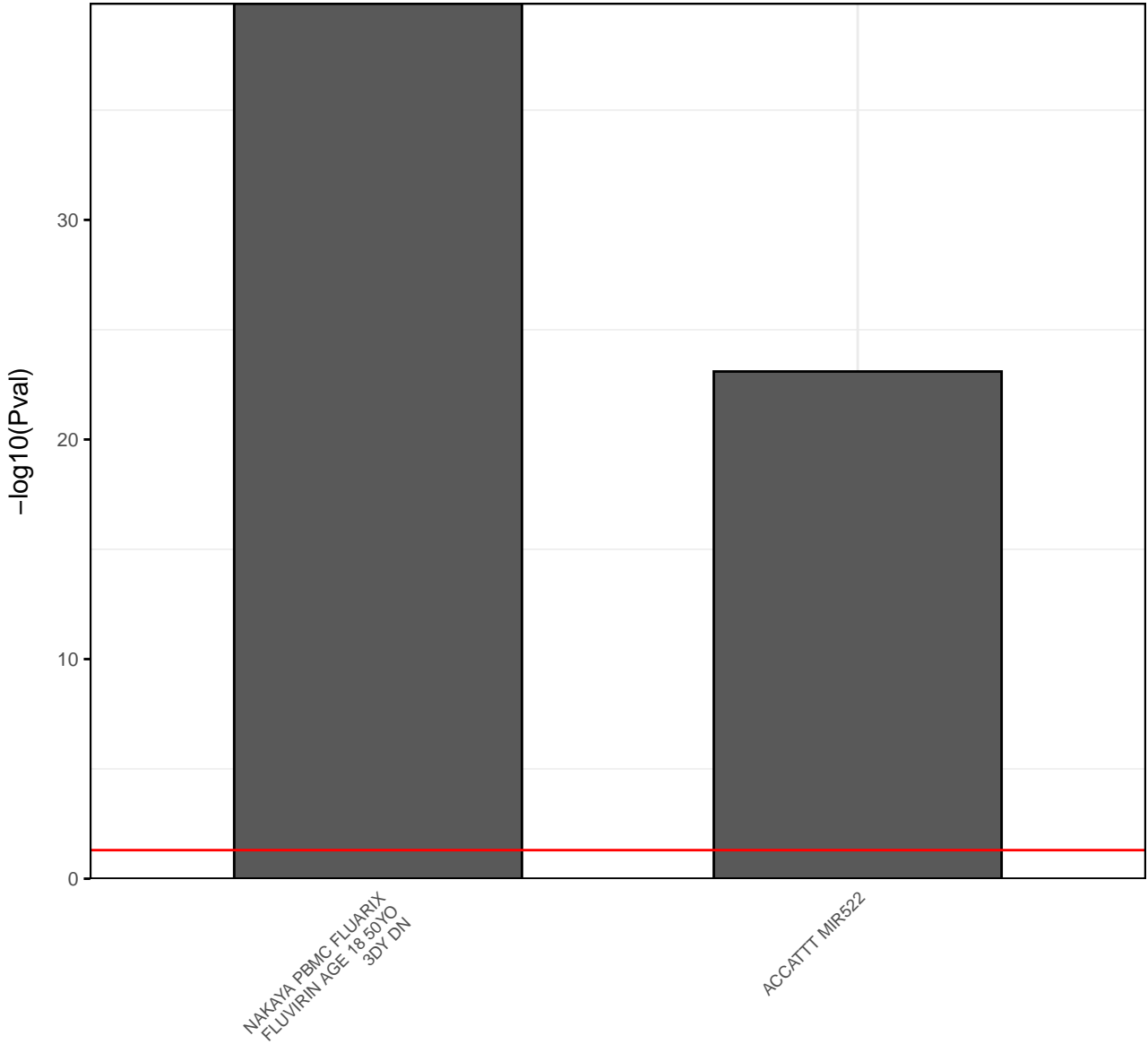
Enpp2
Lmo2
Anxa2
Vamp8
Apcdd1
Pygl
B130024G19Rik
Fth1
Id3
Gm29521
Dil4
Lrig1
Sp5
Slc7a8
Sulf1
Sned1
Nr2f2
Pnma3
Lsr
Dmrt3



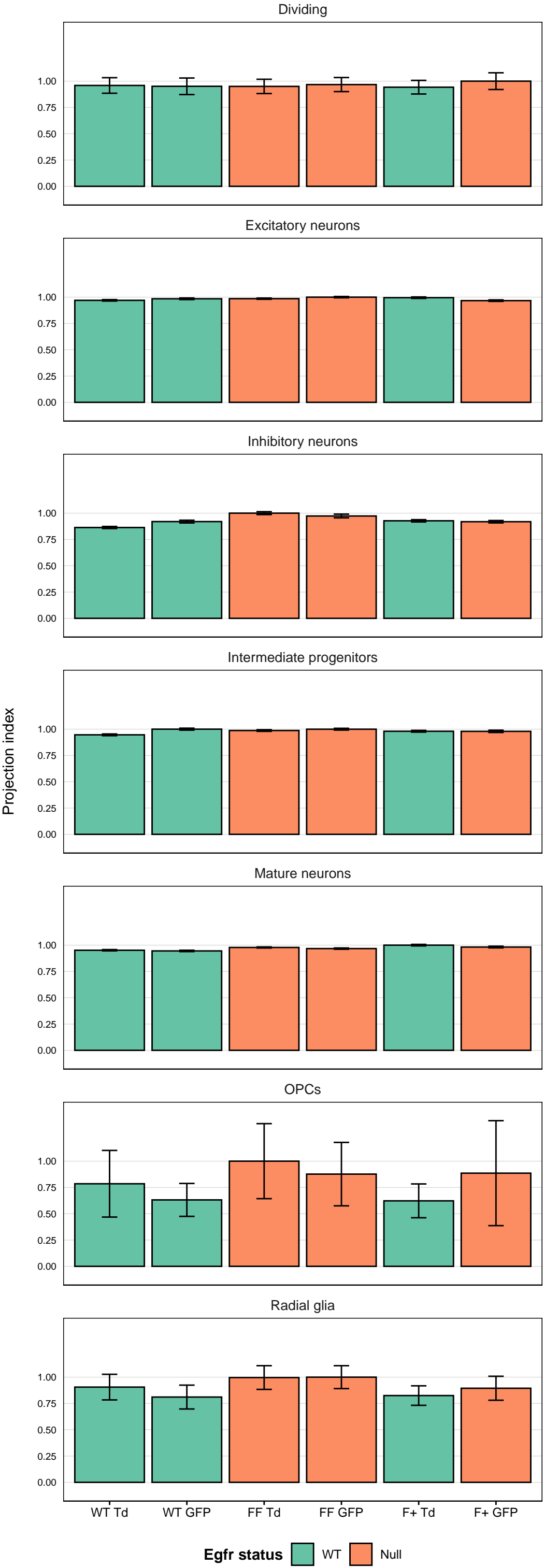


Top genes by kME

Slc10a1
Sfta3-ps
Nkx2-1
Wfikkn1
Gm43774
Gm35281
Gm43847
Gm37850
D830024N08Rik
4831440D22Rik
Gm1604a
Gm43113
Gm4707
Ndn
1700029I15Rik
Gbx1
Pde8b
Dmrtb1
Gm36445
Prok2

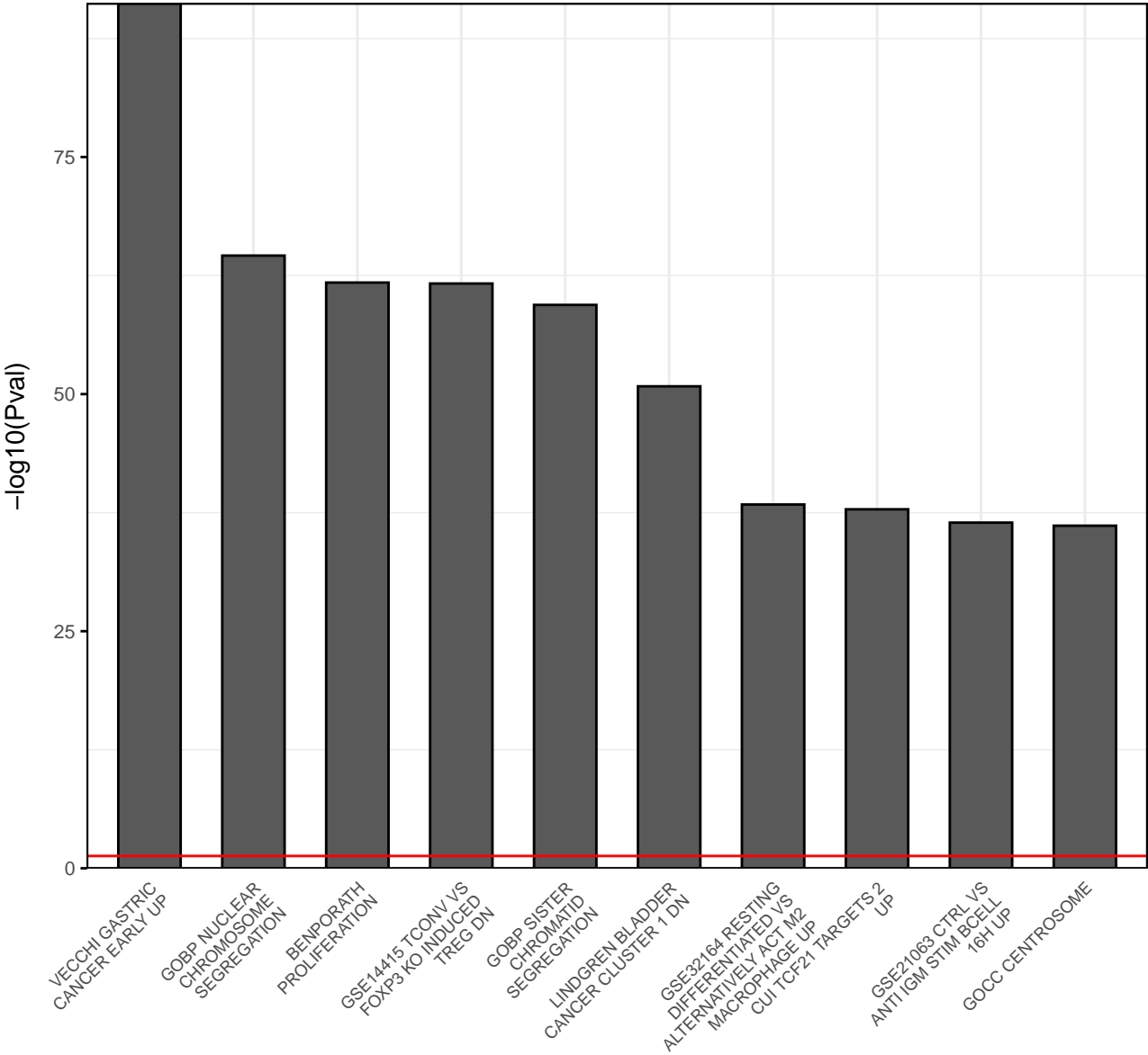


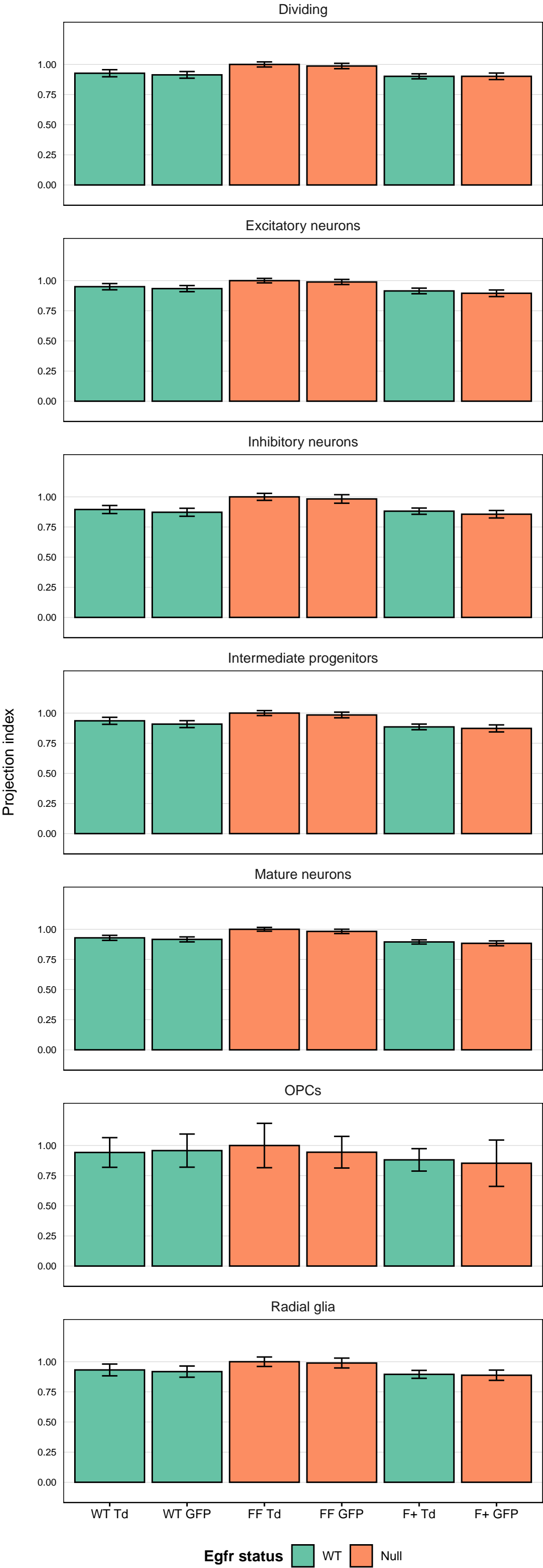
purple module
Top 100 by kME
Bicor-None_signum0.807_minSize8_merge_ME_0.85_25509



Top genes by kME

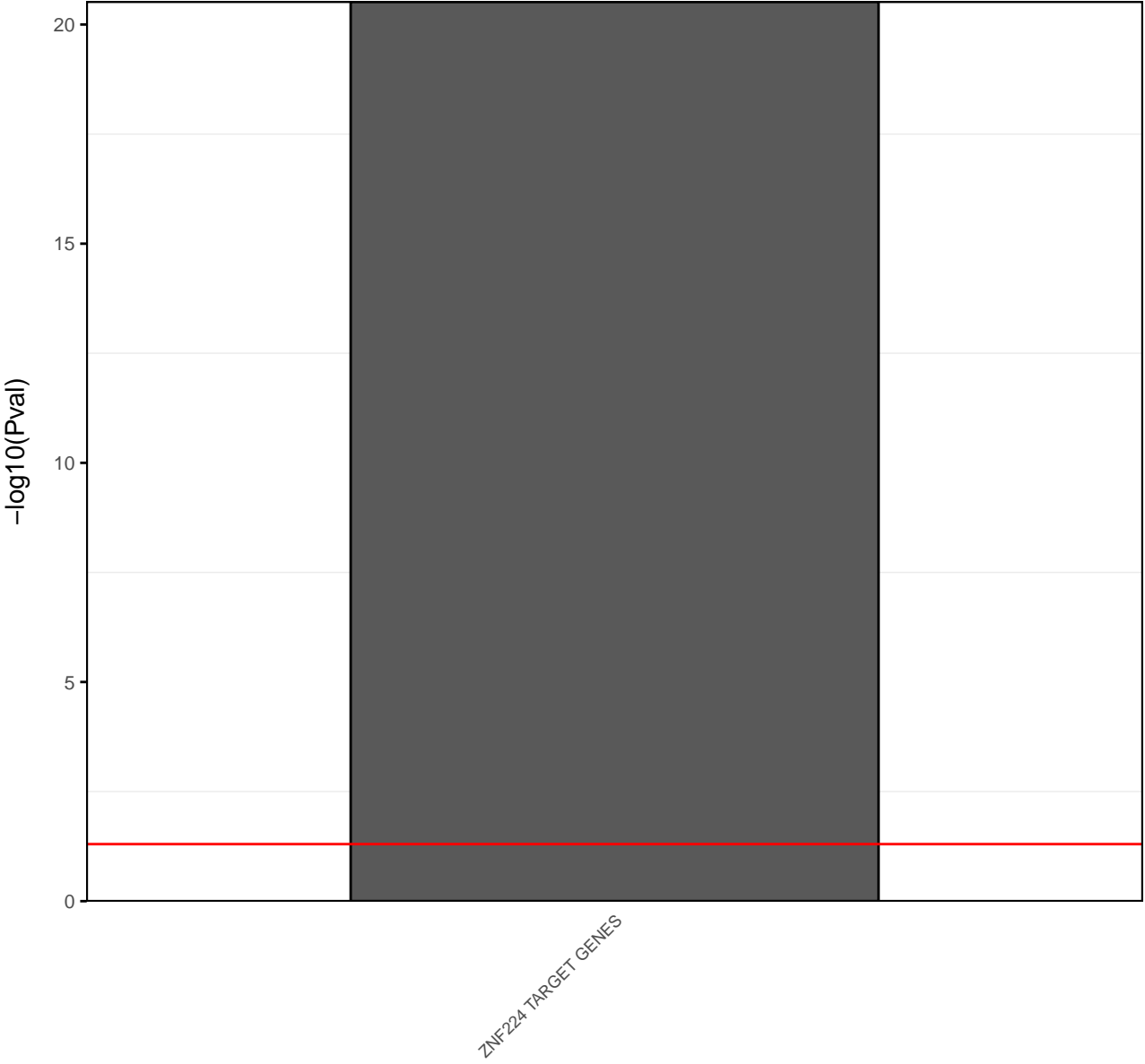
Cdca2
Nusap1
Racgap1
Ect2
Smc2
Lig1
Mcm3
Exo1
Ccna2
Kif11
Rrm2
Bub1
Rfwd3
Kif2c
Mcm2
Kif23
Prc1
Nuf2
Nek2
Knstrn



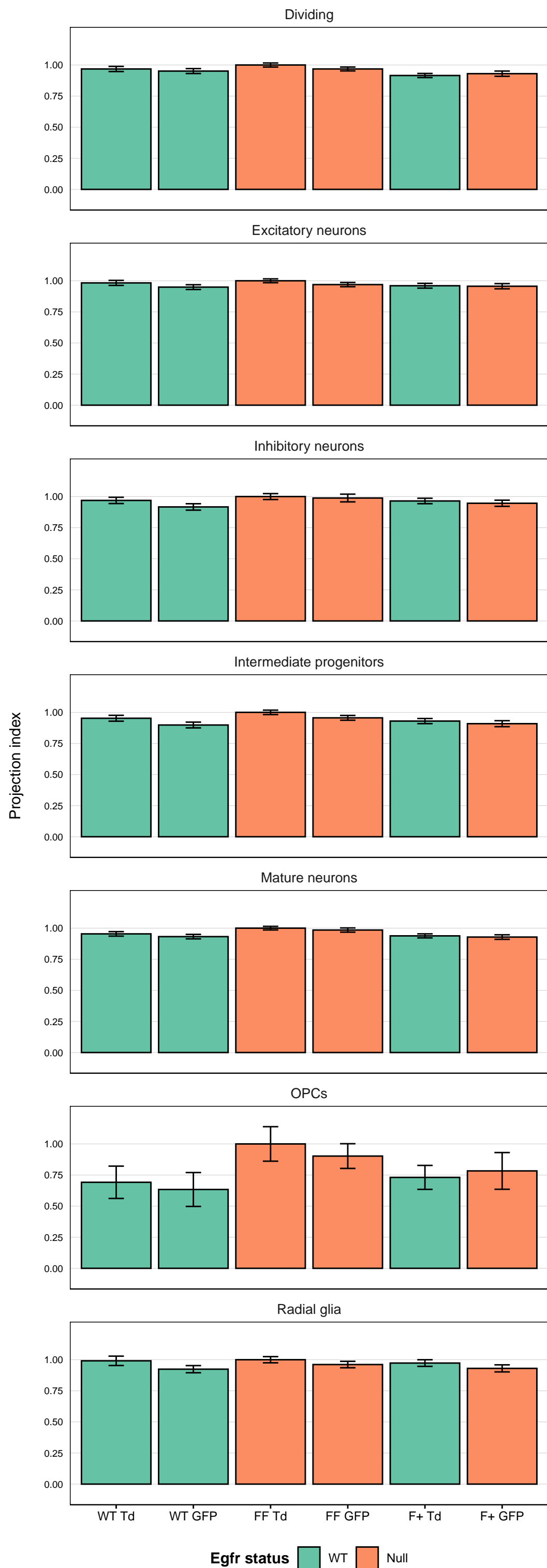


Top genes by kME

Scaf8
Nup98
Nsd3
Anapc1
Dicer1
Usp49
Camsap2
Dock7
Rnf38
Oga
Cand1
Taok1
Bag6
Rbsn
Ranbp2
Larp1
Asxl2
Rnf214
Kmt5b
Ssr1

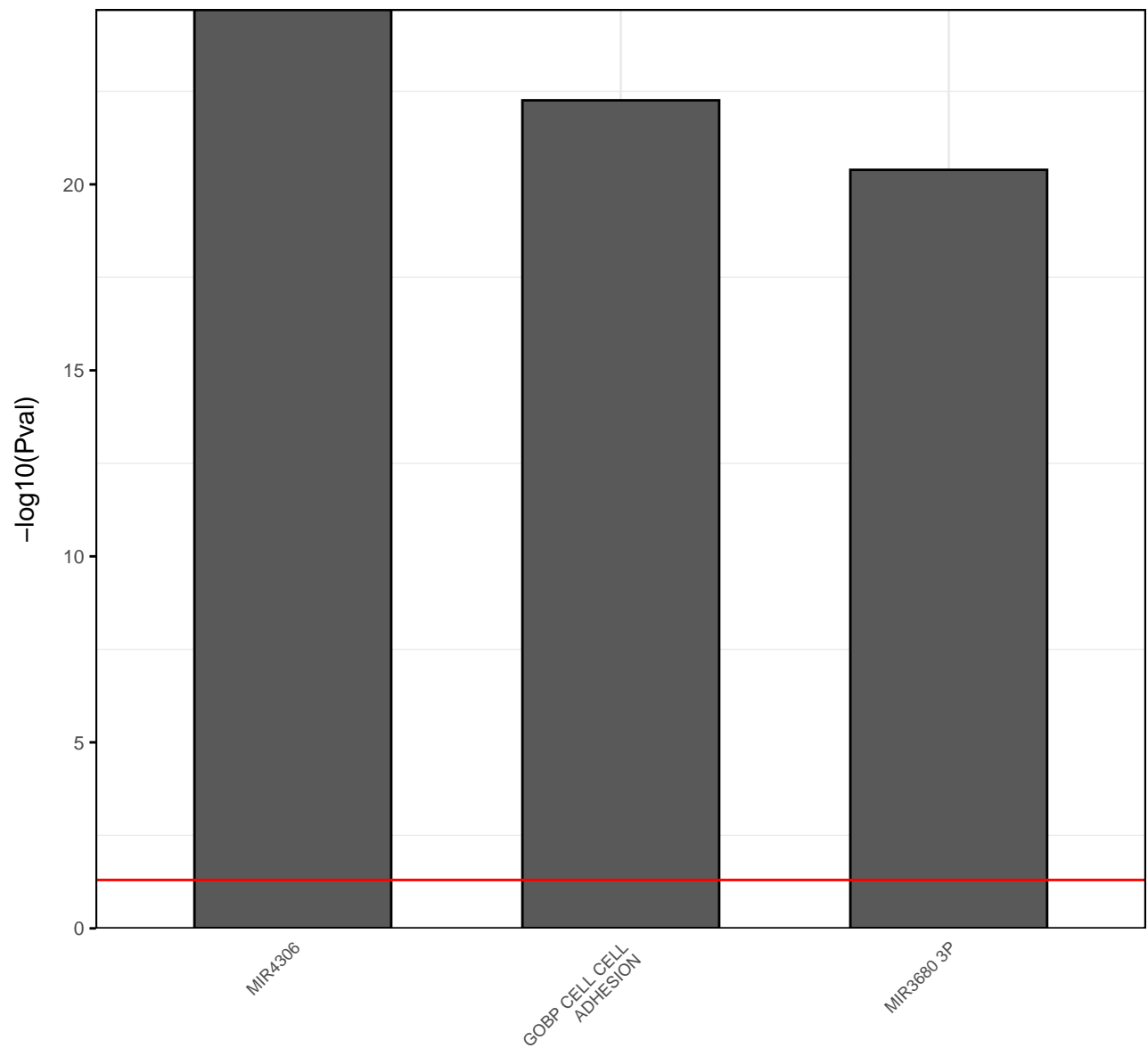


yellow module
Top 100 by kME
Bicor-None_signum0.807_minSize8_merge_ME_0.85_25509



Top genes by kME

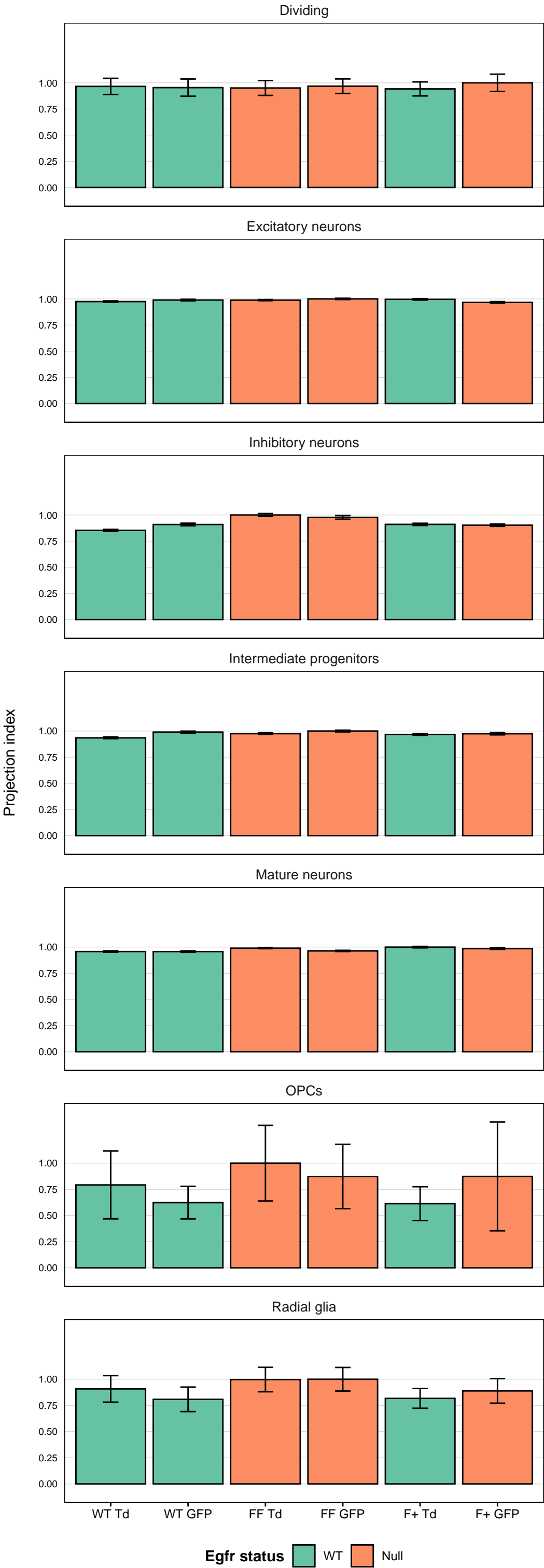
Dclk1
Erc2
Pacs2
Mapre2
Snap91
Atp6v0a1
Rtn1
Madd
Agtpbp1
Abca3
Ppp3ca
Cacna1c
Ap3b2
Dctn1
Znfx1
Rab11fip4
Cep170b
L1cam
Map9
Tanc2



black module

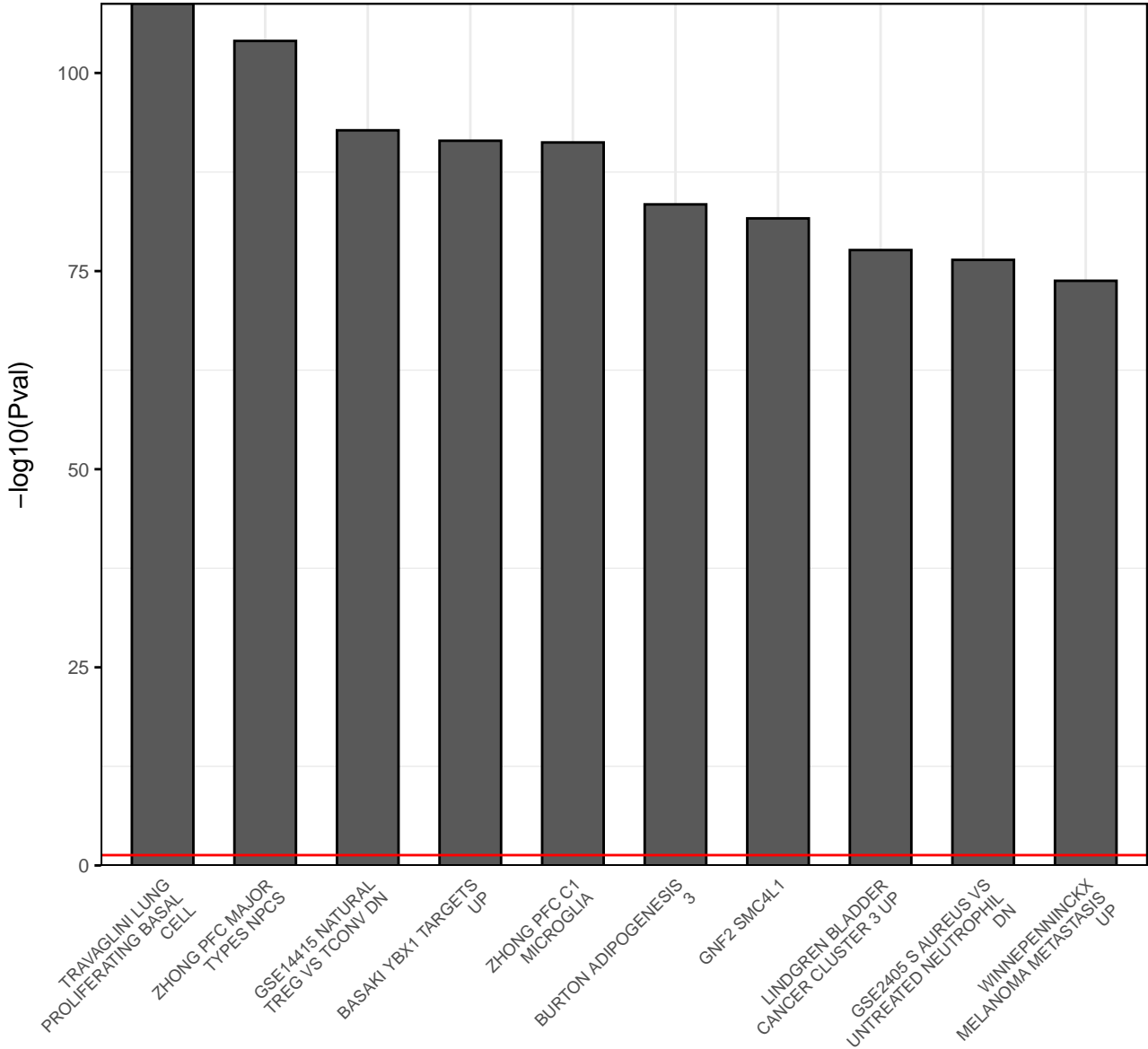
Top 100 by kME

Bicor-None_signum0.807_minSize12_merge_ME_0.85_25509

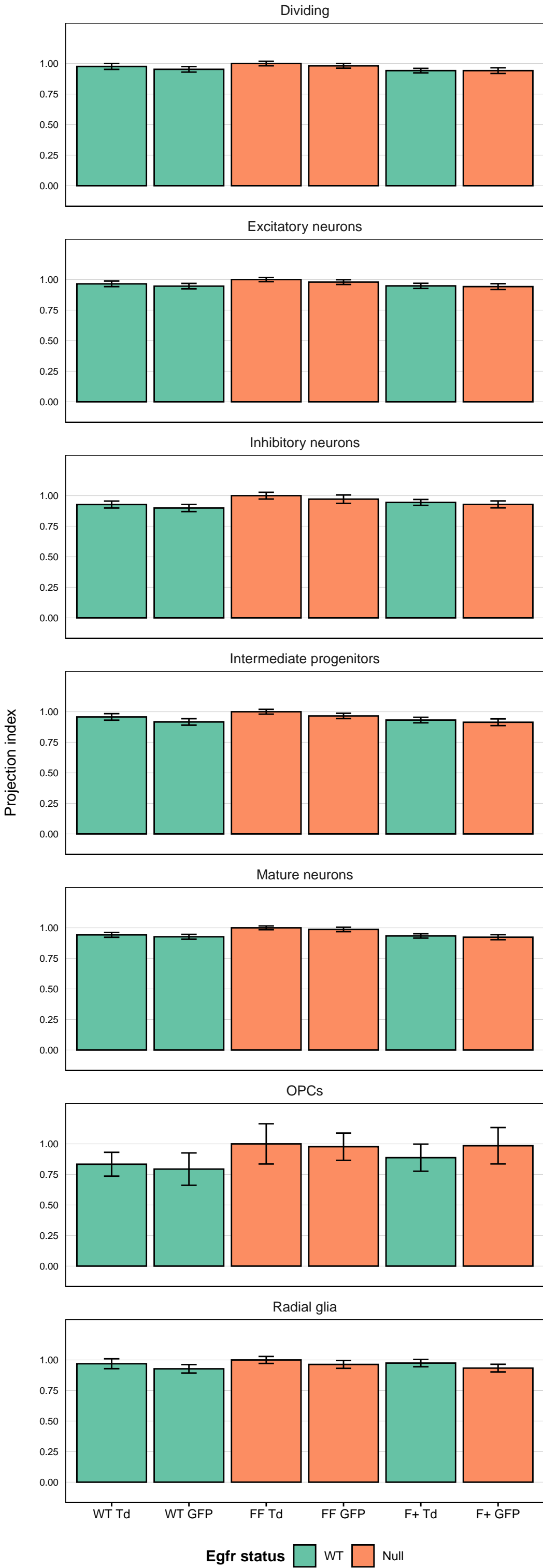


Top genes by kME

Cdca2
Nusap1
Ect2
Ccna2
Racgap1
Mcm3
Smc2
Bub1
Kif2c
Kif11
Exo1
Nuf2
Prc1
Lig1
Mcm2
Sgo1
Rfwd3
Dlgap5
Dbf4
Knstrn

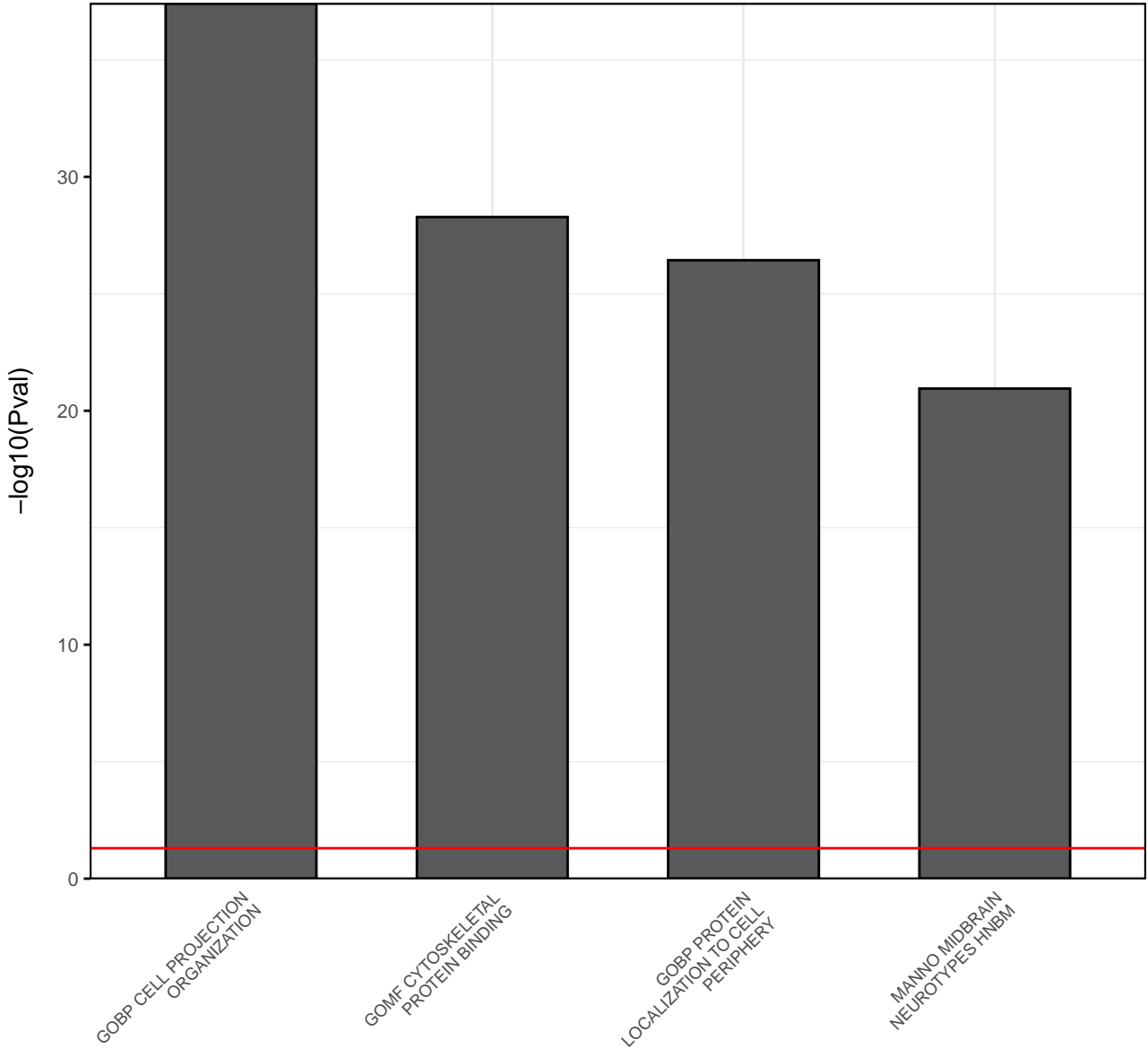


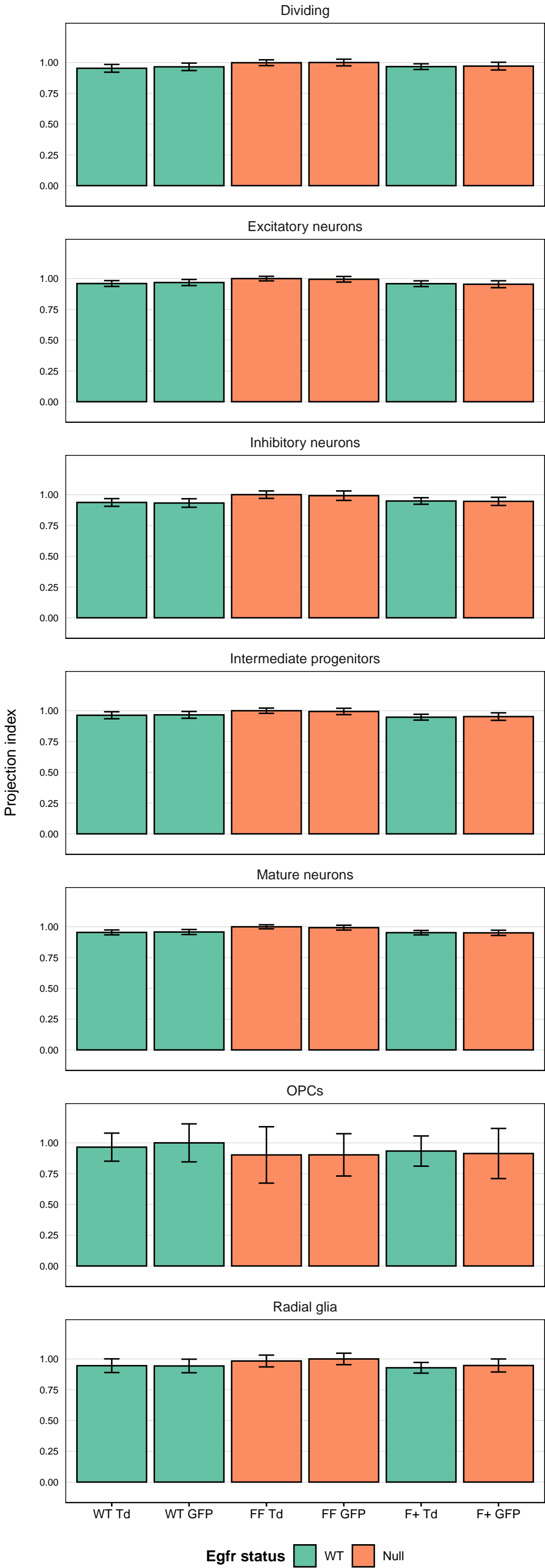
green module
Top 100 by kME
Bicor-None_signum0.807_minSize12_merge_ME_0.85_25509



Top genes by kME

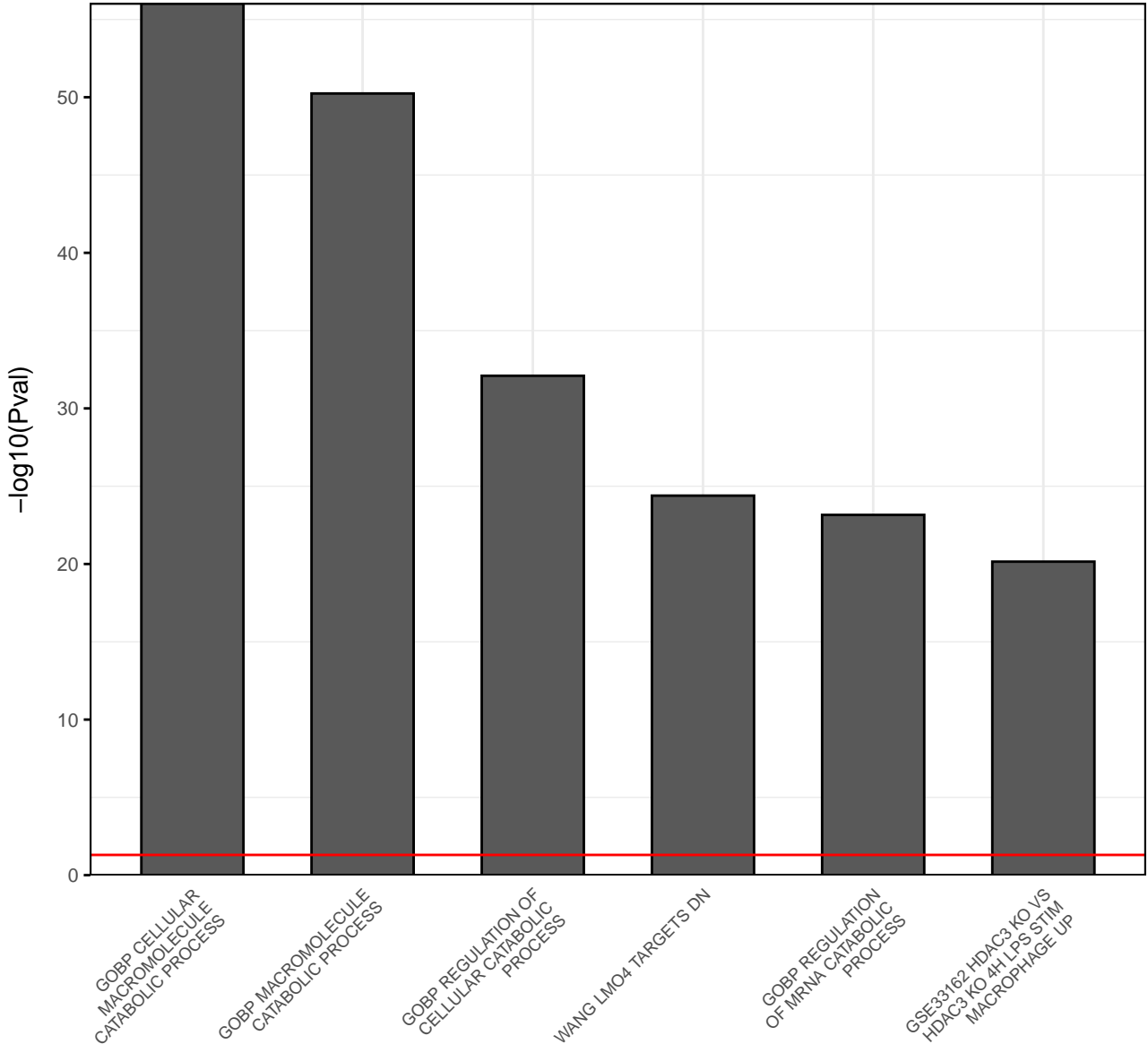
Ctnna2
Ppp3ca
Clasp2
9330159F19Rik
Ttl
Dhcr7
Jak2
Ap3b2
Rab6a
Srgap2
Edem1
Rnft2
Vezt
Pcdhga10
Dctn1
Eid2b
Gpr21
Mapk8ip3
Add1
Atp9b

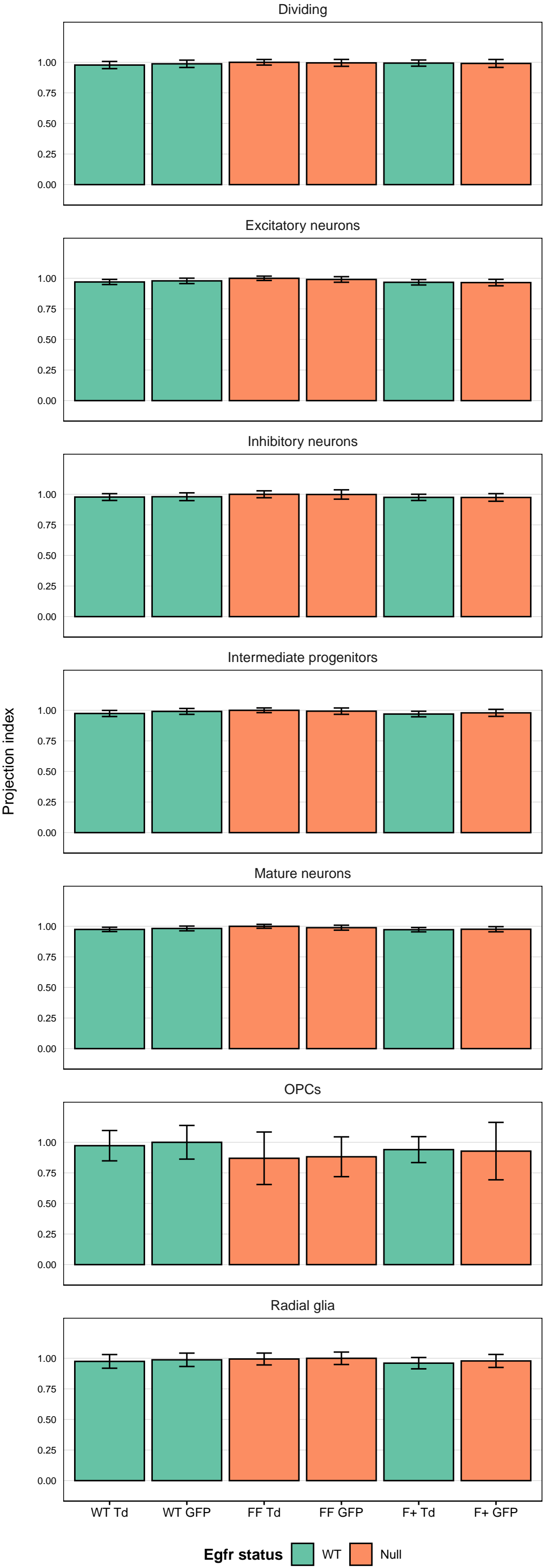




Top genes by kME

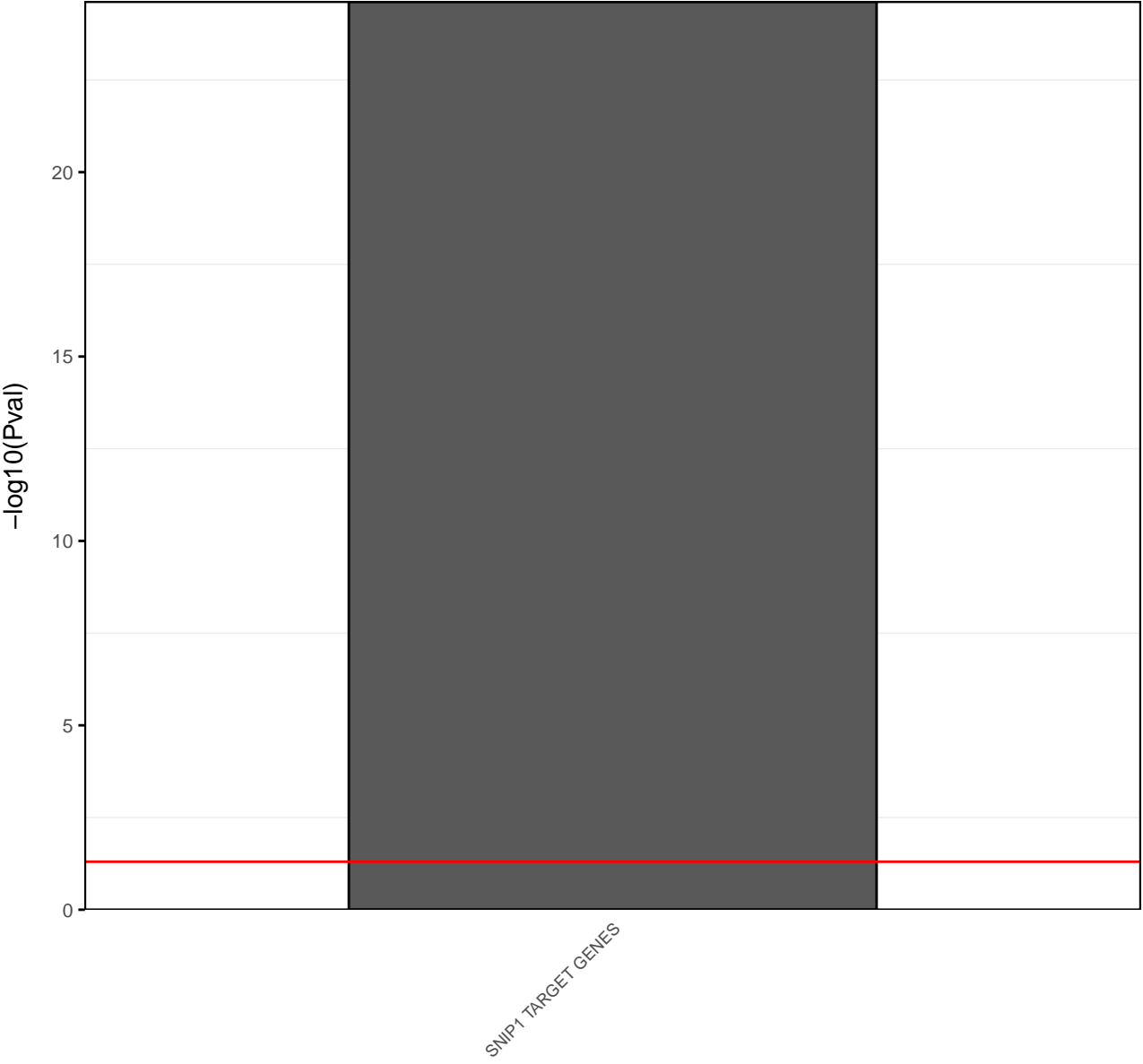
Gm20501
Arg2
Gm5493
Neurod4
Six4
Gadd45g
Acss2
Gm39469
Neurog2
Zswim3
Scarf2
Sema3c
Gm28323
Pik3ip1
Al837181
Mab21l2
Gm49801
Rnf135
St8sia3os
Ccdc142os

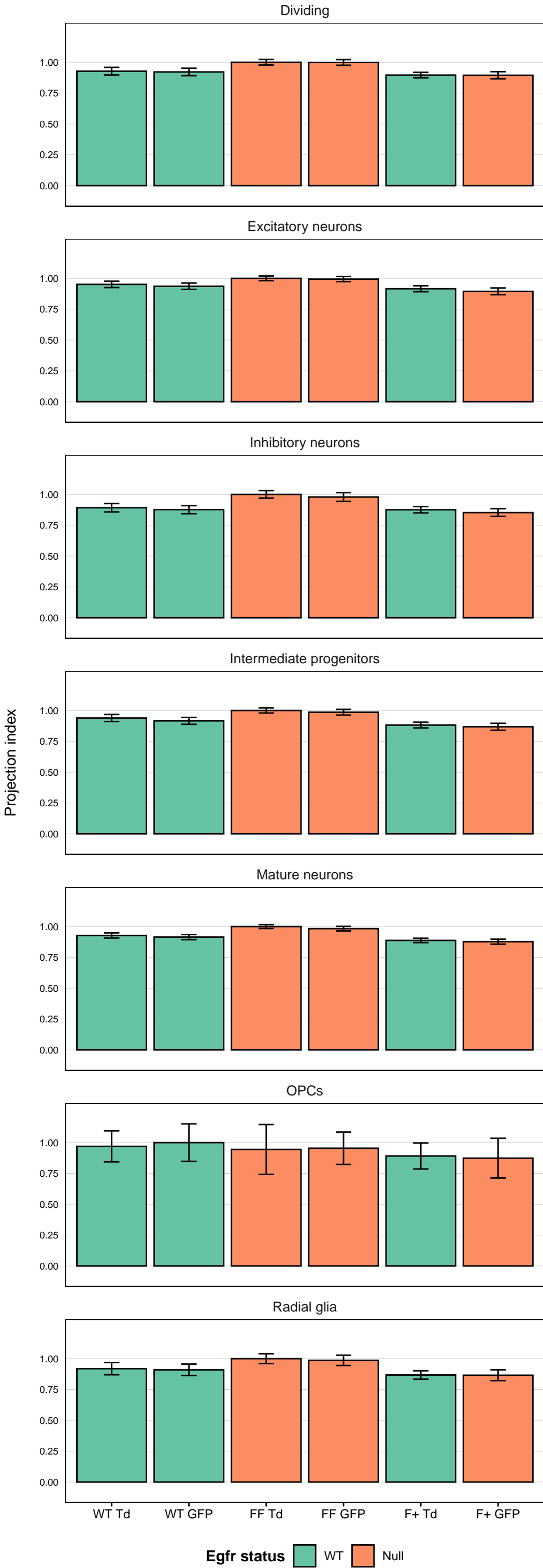




Top genes by kME

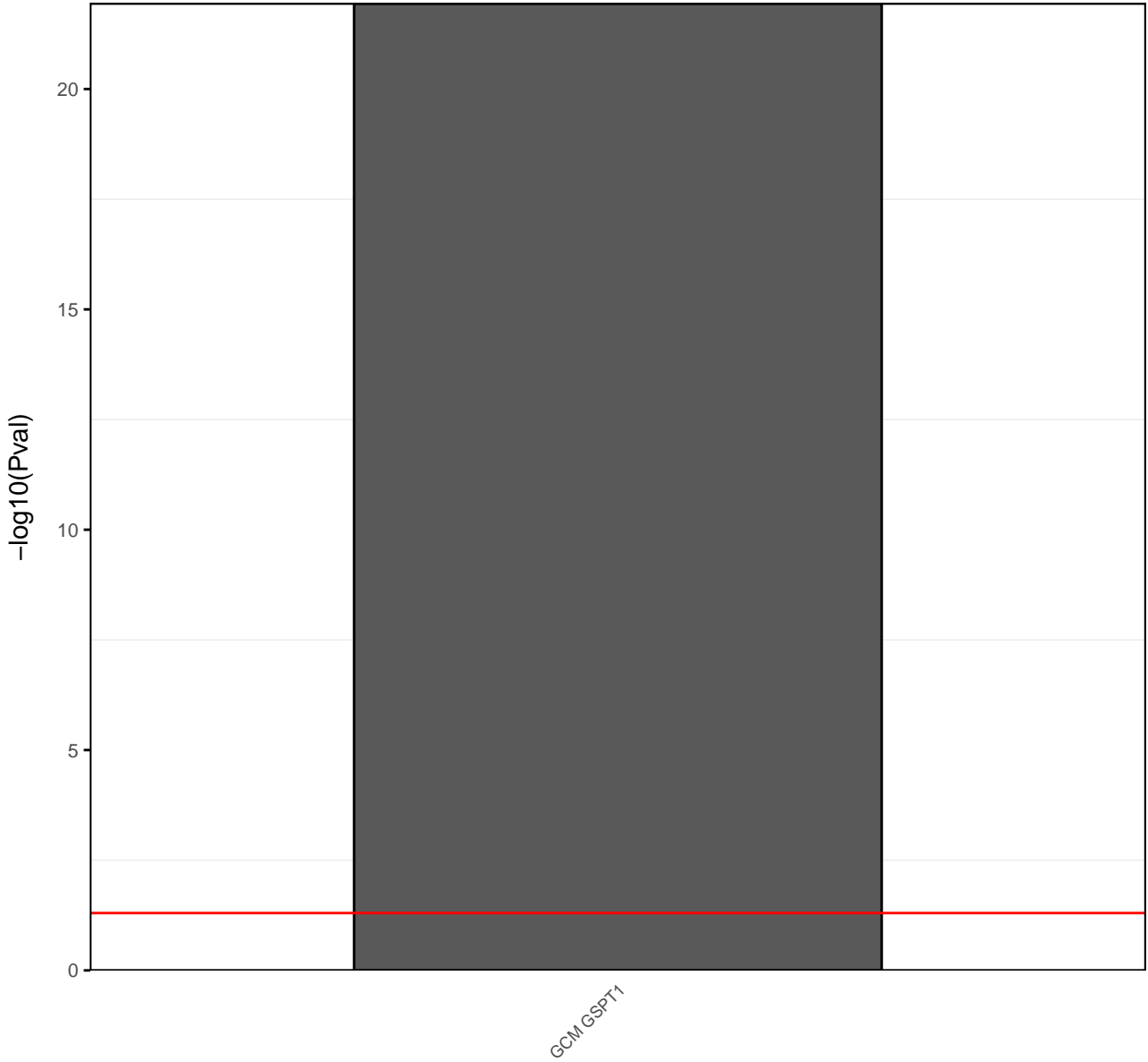
Gm43660
Dhrs3
Rps17
Gm10277
Cox8a
Agbl4
Gm11627
Rps29
Stard8
Tbc1d9b
Gm49207
Cstad
B3gnt8
Rpl23a
Gm43000
Rps24
Rpl28
Gm9970
Gm47123
Gm17638



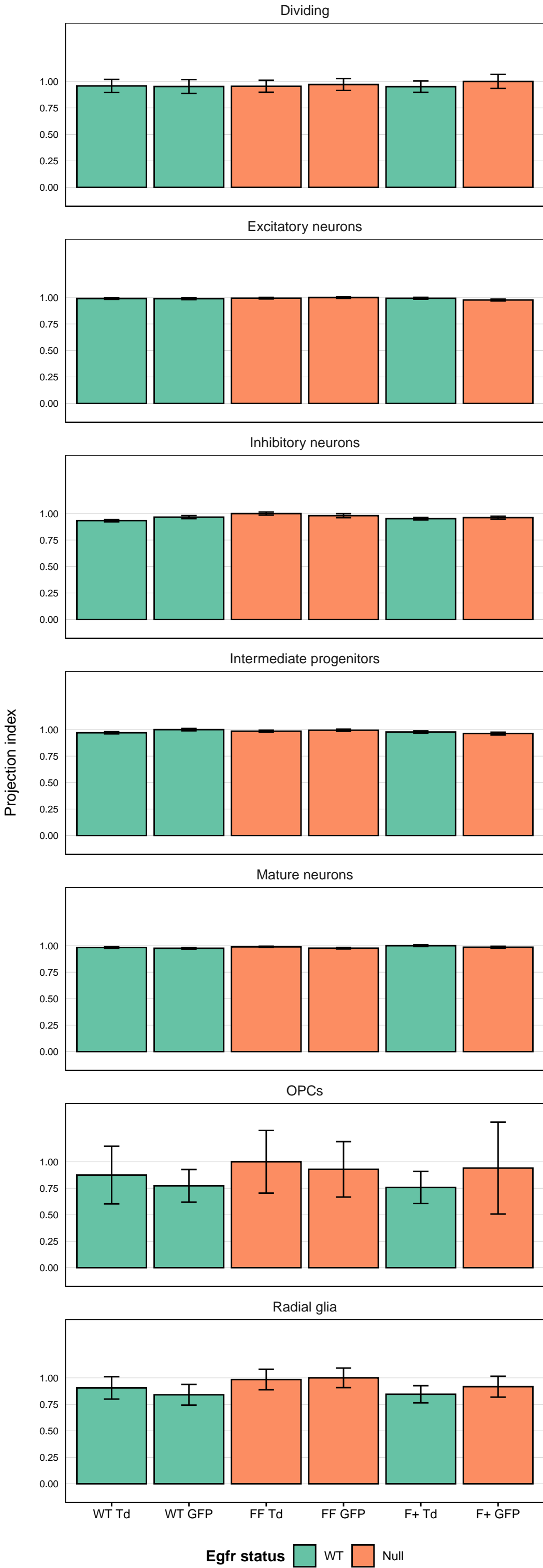


Top genes by kME

Oga
 Cnot1
 Bdp1
 Wiz
 Vcp
 Pom121
 Dock7
 Ddb1
 Med13
 Rnf214
 Nsd3
 Rnf38
 Anapc1
 Pogz
 Zswim5
 Map4k4
 Emsy
 Lrp6
 Ppp2r5e
 Sf3b3

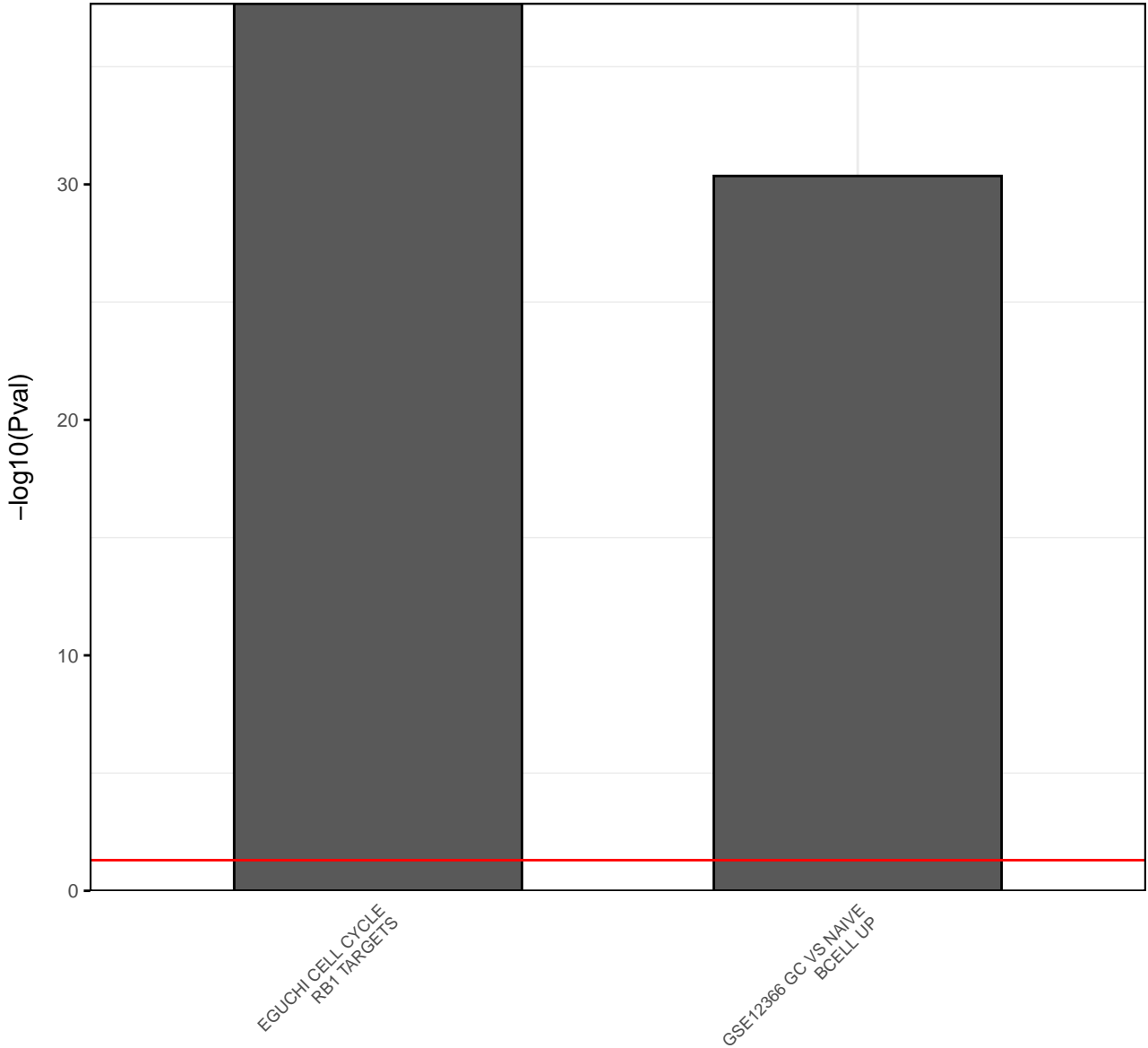


green module
Top 100 by kME
Bicor-None_signum0.746_minSize12_merge_ME_0.85_25509

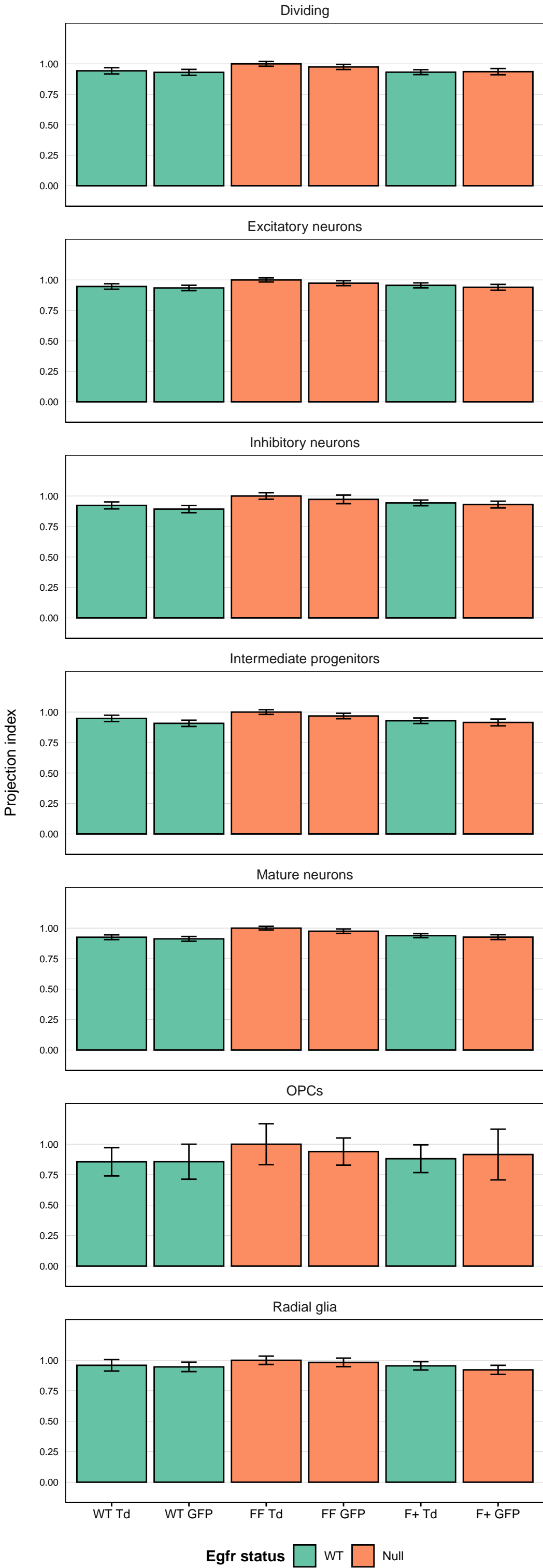


Top genes by kME

Pttg1
Nmr1a1
Eif2s3y
2310058D17Rik
Zfand4
Rpusd3
Ddx3y
Cirbp
Rab1b
Adamts4
Exo5
4930540M05Rik
Gm20075
Xpnpep1
Lyplal1
Gm50203
Spa17
Ascl4
Mrps18a
Osgep

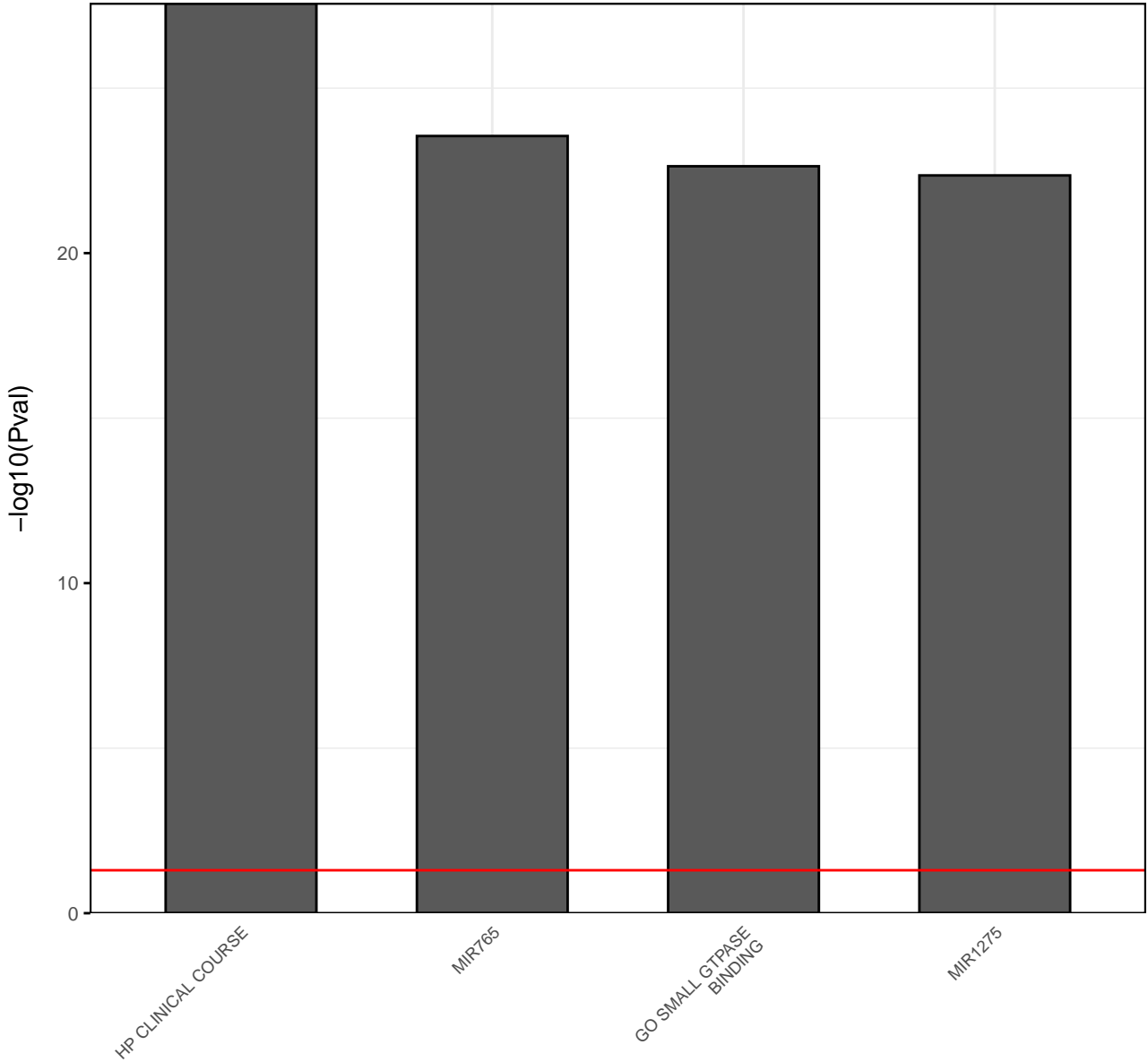


blue module
Top 100 by kME
Bicor-None_signum0.698_minSize10_merge_ME_0.85_25509

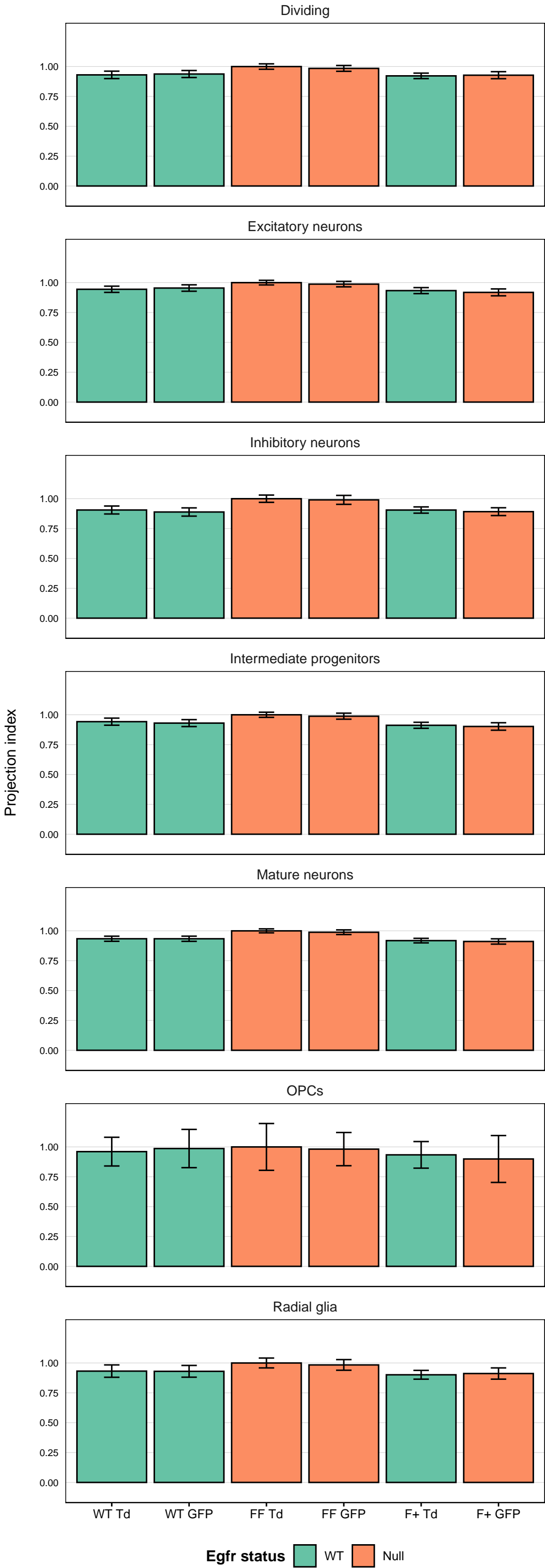


Top genes by kME

Uba52
Kxd1
Rpl23a
Rps29
Gm11808
Gpsm3
Hddc3
Lrrc46
Rplp1
Rnaseh2c
mt-Co2
Rps27rt
Fyb
Smim41
Rpl37
Rps28
Eva1b
Tent5b
Myl9
mt-Cytb

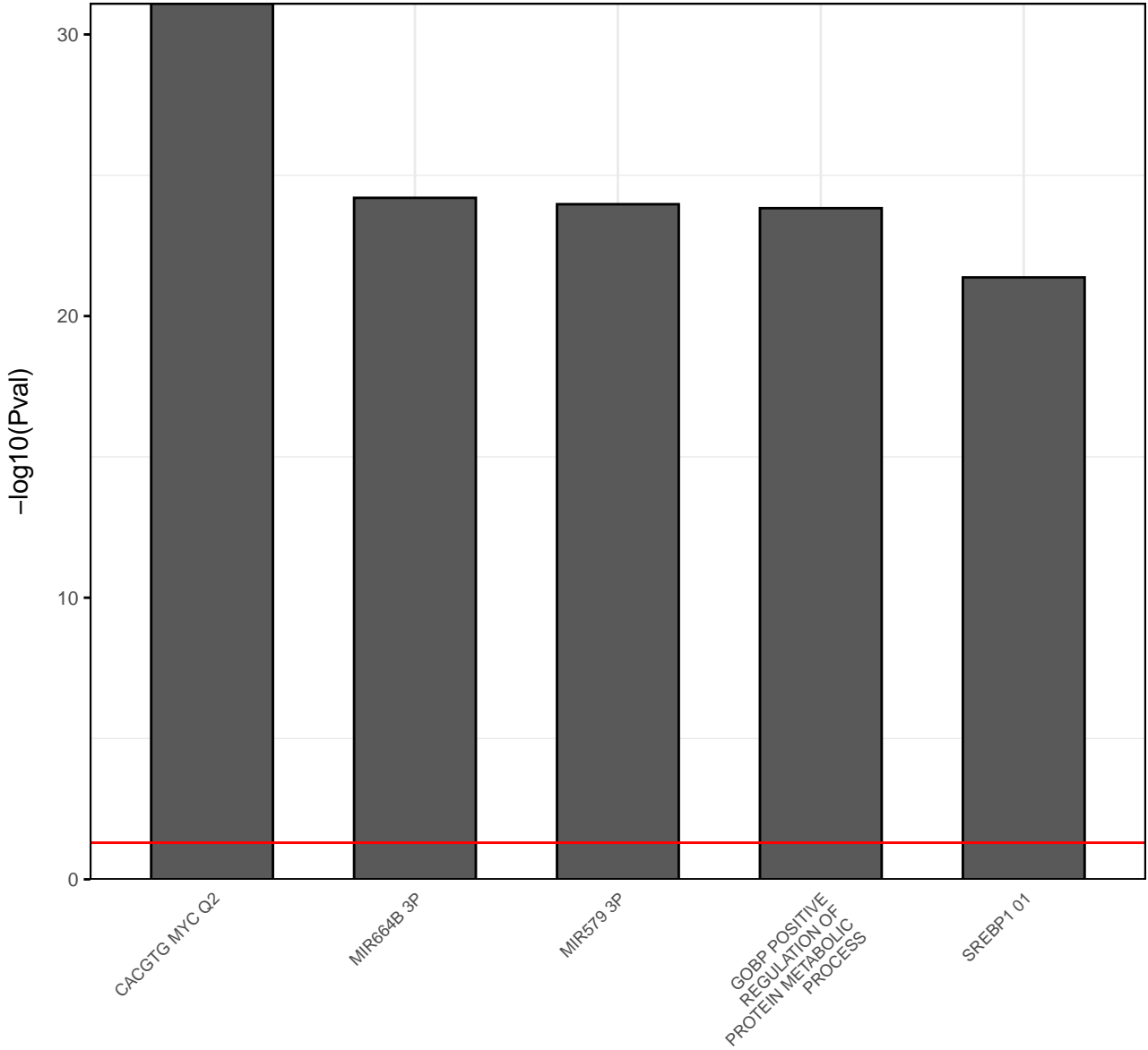


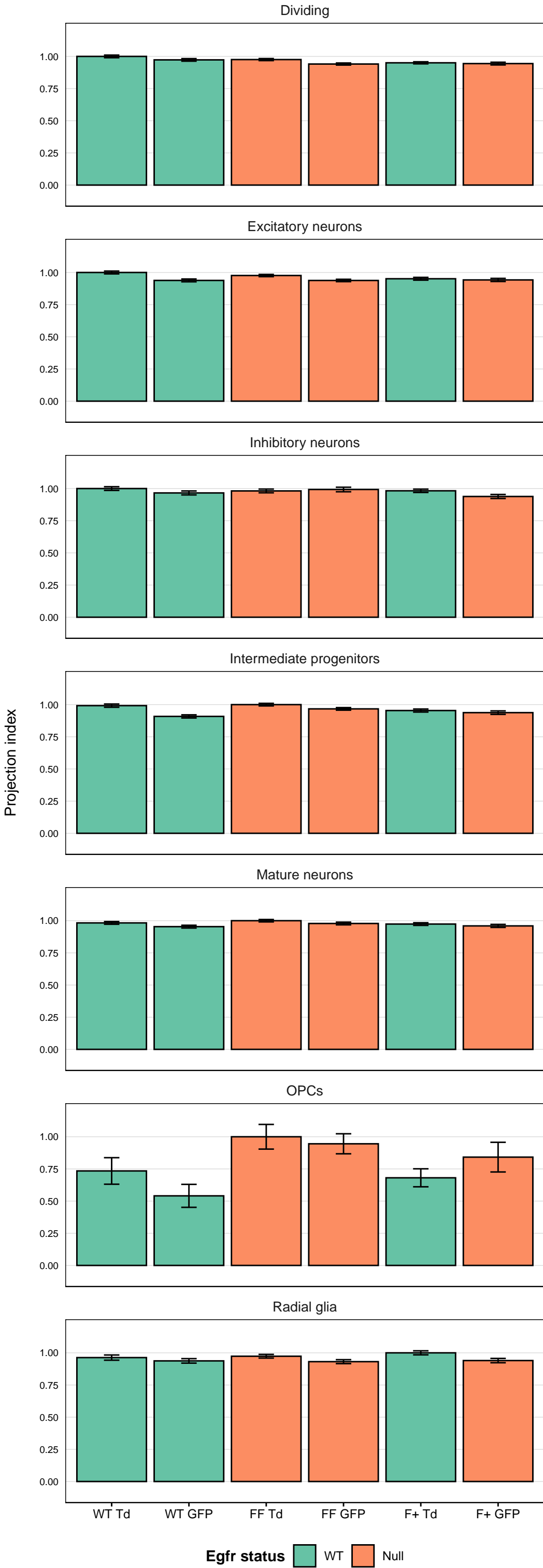
brown module
Top 100 by kME
Bicor-None_signum0.698_minSize10_merge_ME_0.85_25509



Top genes by kME

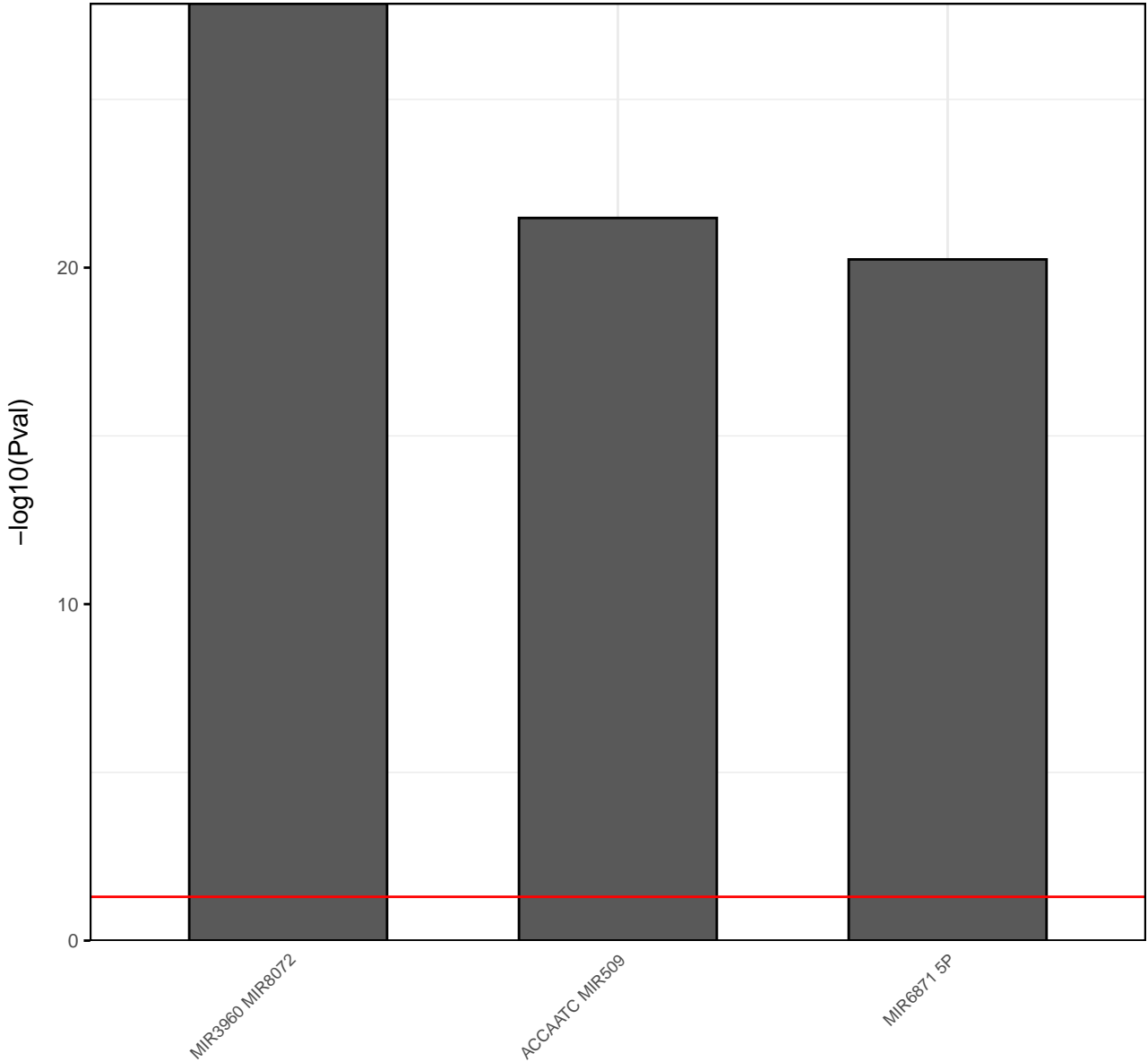
Col4a1
Mmrn2
Nid1
Vwa1
Nid2
Pecam1
Ccdc141
B3gnt2
Rhoj
Slc2a1
Itm2a
Gatm
Cnn2
Nos3
Pltp
Dock6
Stard13
Tfpi
Mcam
Rgs5



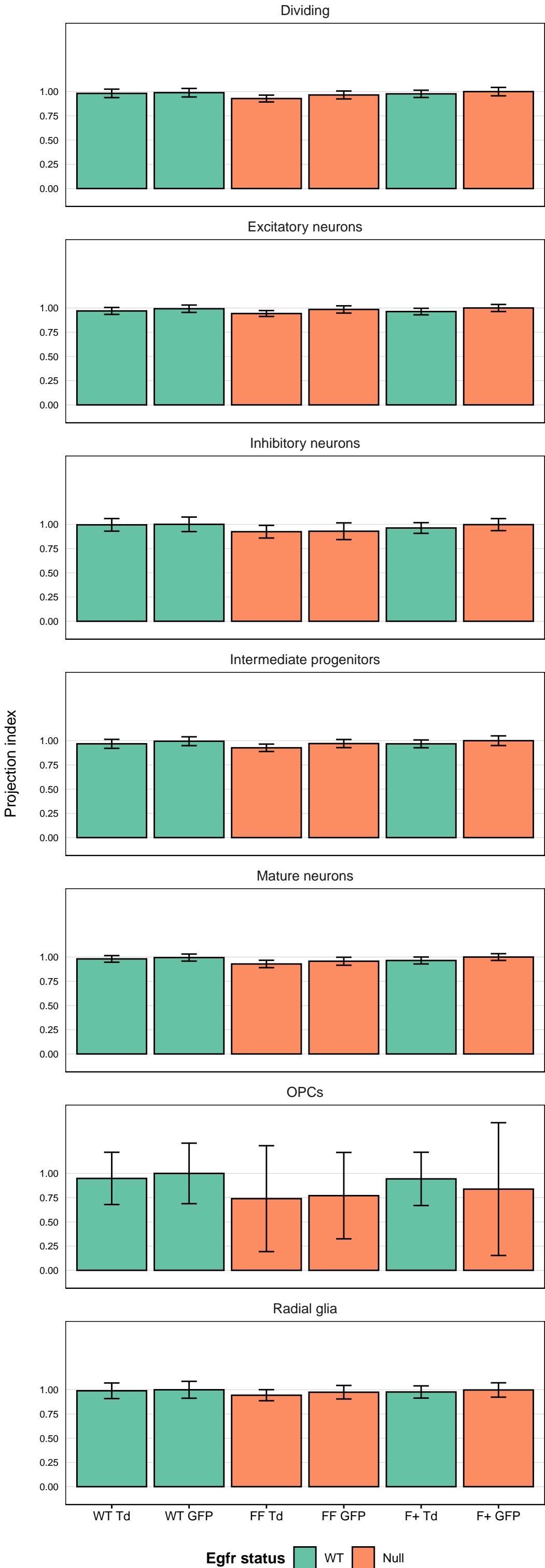


Top genes by kME

Pcdha2
Pcdha8
Pcdha4
Pcdha3
Pcdha6
Pcdha7
Kcnb1
Rab6b
Pcdha5
Lmbrd1
Rgma
Pcdhb22
Stmn4
Pcdhb16
Pcdhb20
Bsc12
Tanc2
Lsm11
Sgk1
Galnt16

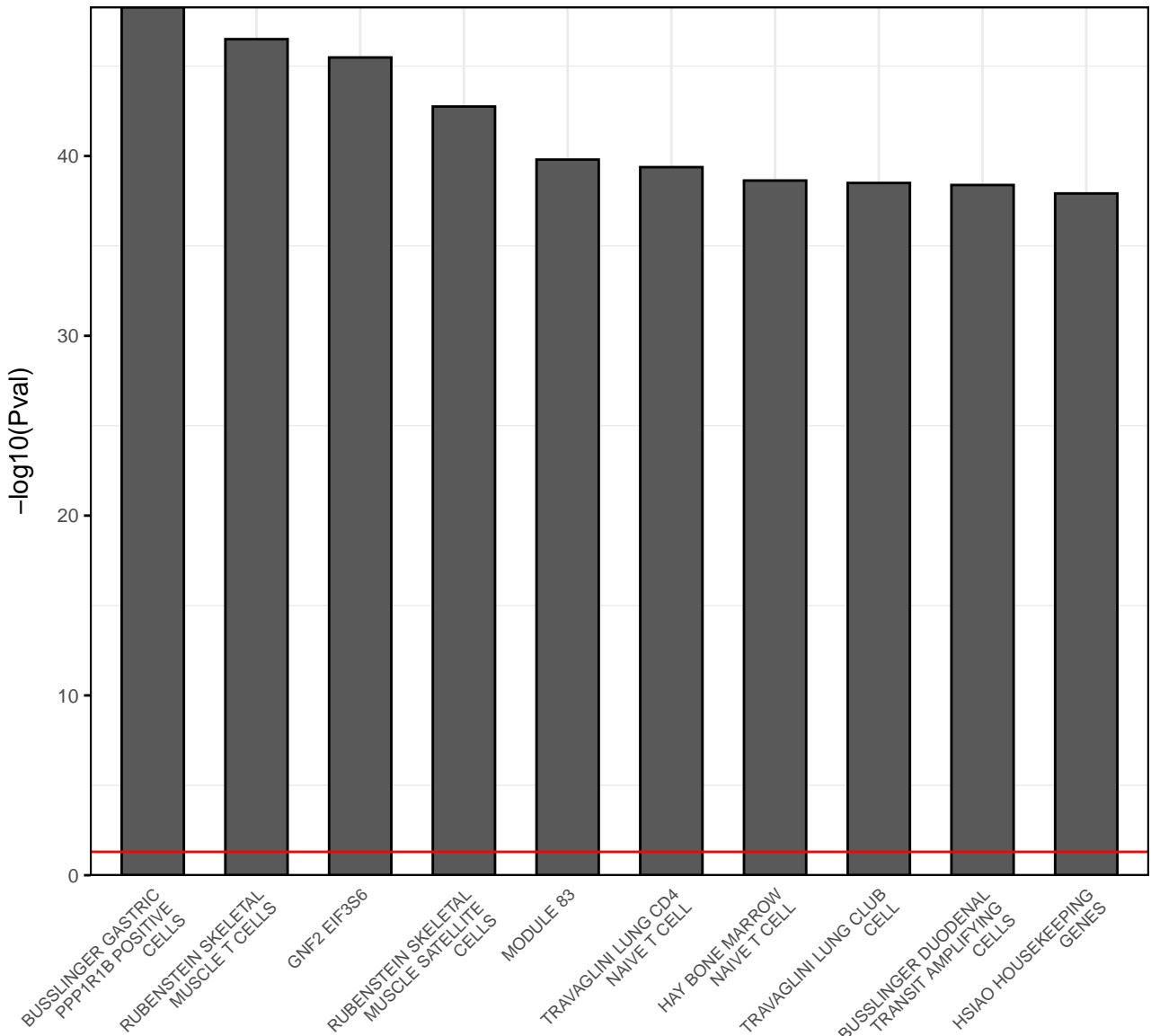


navajowhite1 module
Top 100 by kME
Bicor-None_signum0.698_minSize10_merge_ME_0.85_25509



Top genes by kME

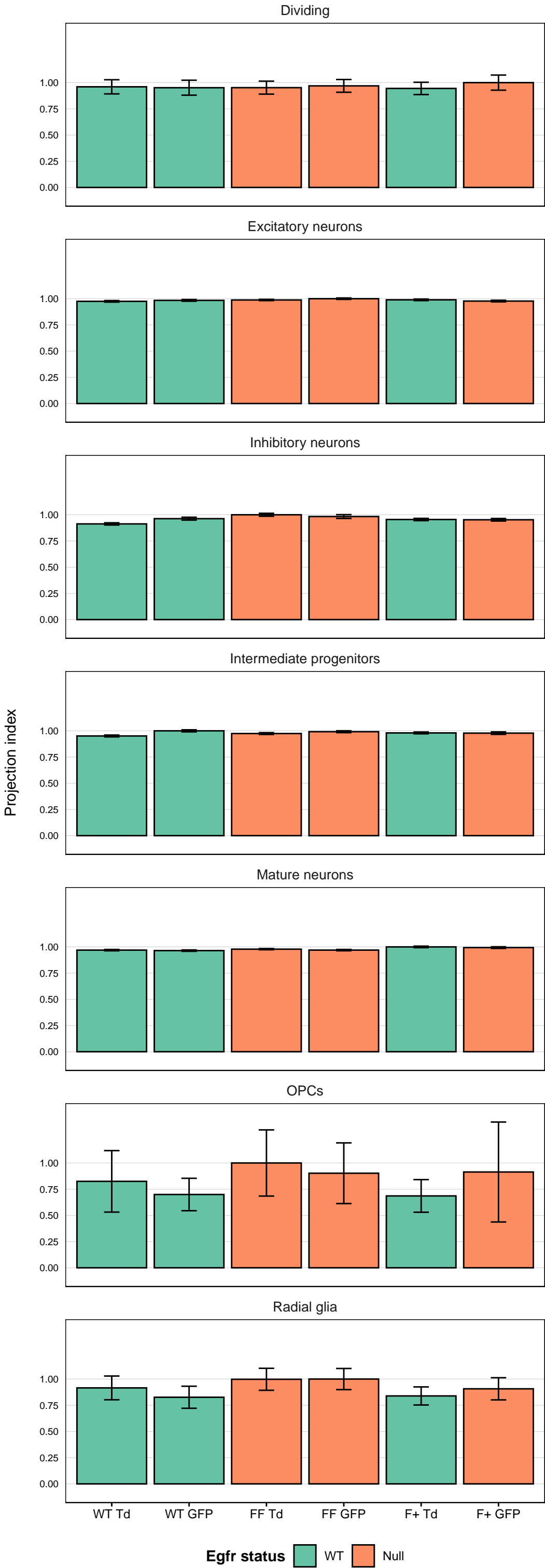
Rpl11
Rpl19
Snrpd2
Eef1b2
Rps2
Rps26
Rpl27a
Rpl13
Rps27
Rps16
Rpl34
Rps15
Rpl7a
Rplp2
Micos13
Rpl27
Rps10
Rpl35
Cutc
Rpl12



red module

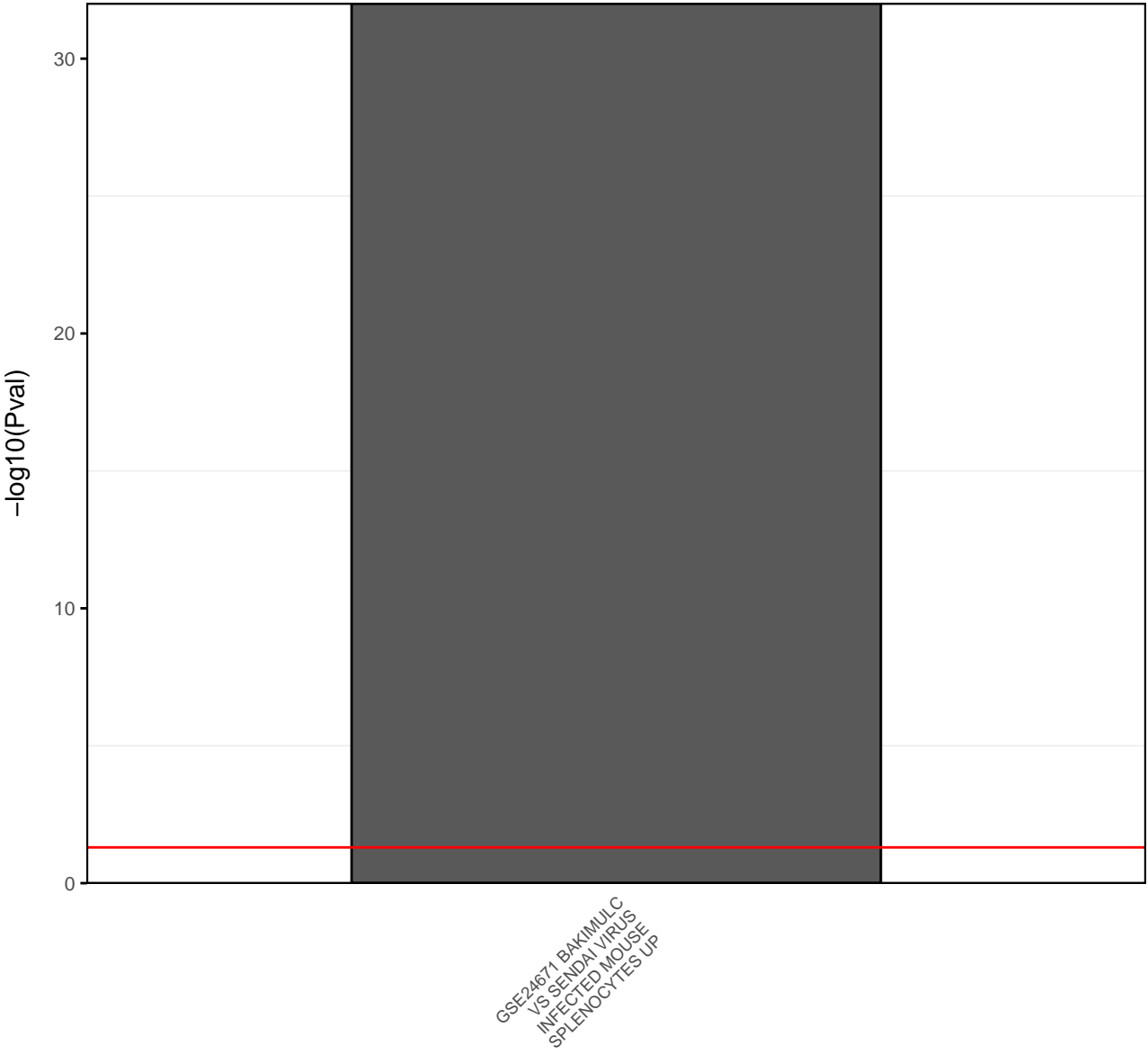
Top 100 by kME

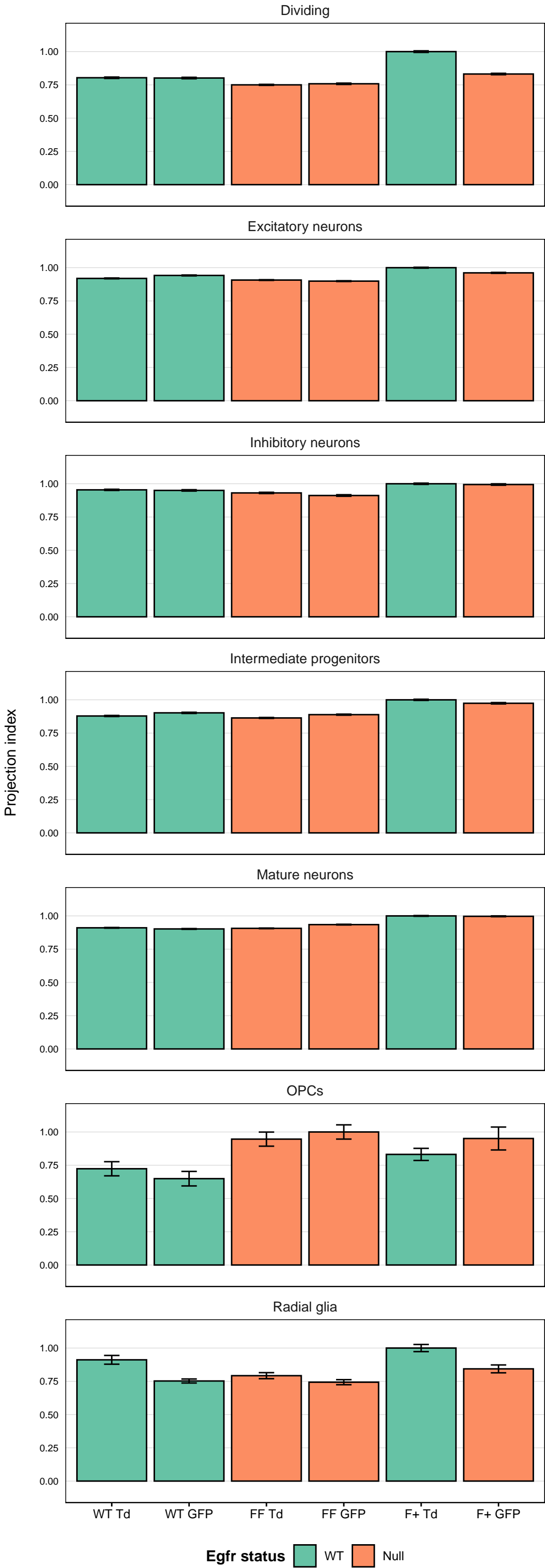
Bicor-None_signum0.698_minSize10_merge_ME_0.85_25509



Top genes by kME

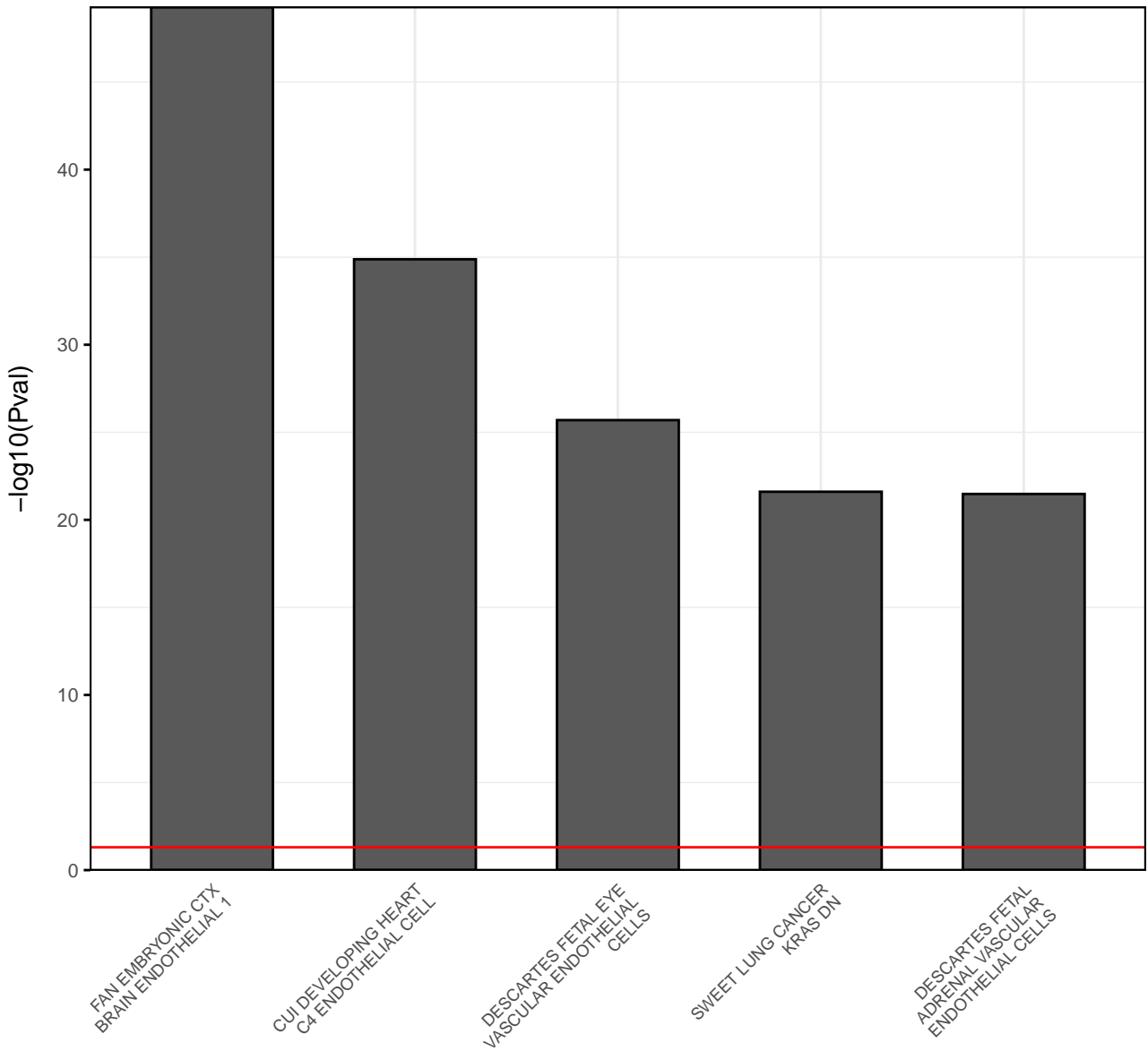
Cdca2
Racgap1
Exo1
Nusap1
Rfwd3
Lig1
Rrm2
Ect2
Kif2c
Ccna2
Tank
Smc2
Incenp
Mcm3
Paics
Rad54l
Kif23
Kif11
Mcm2
Tpm4



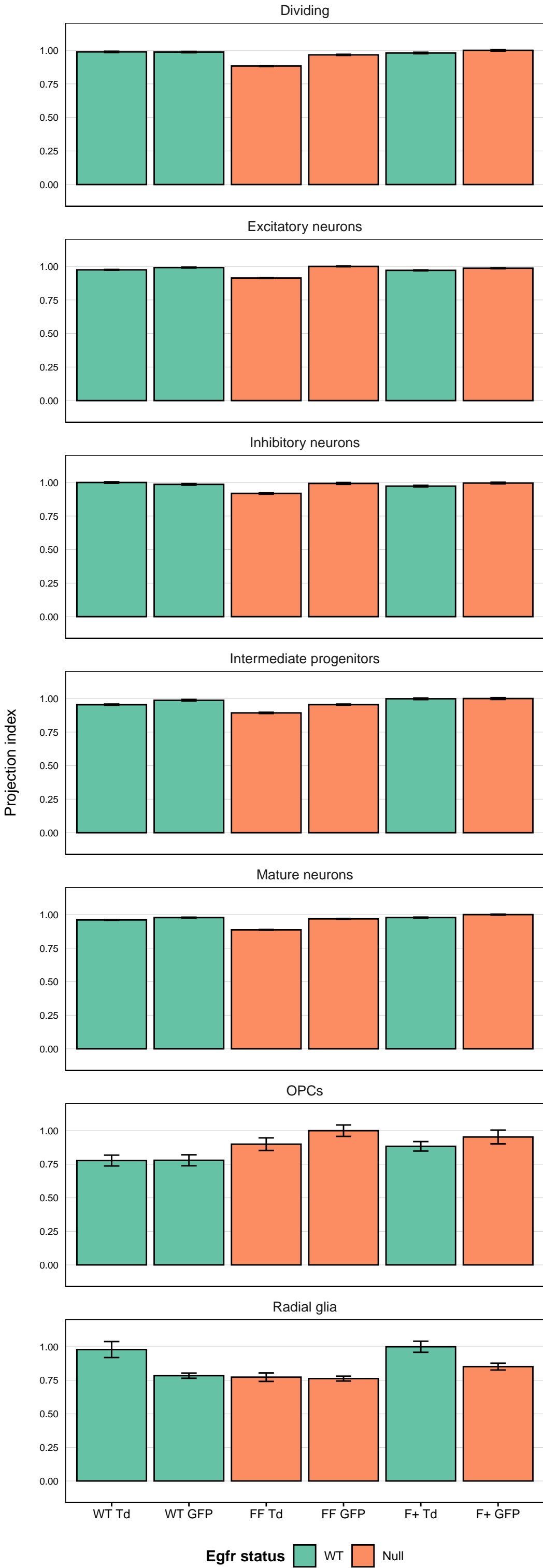


Top genes by kME

Col4a1
Mmrn2
Nid1
Vwa1
Nid2
Pecam1
Ccdc141
B3gnt2
Rhoj
Slc2a1
Itm2a
Gatm
Cnn2
Nos3
Pltp
Dock6
Stard13
Tfpi
Mcam
Rgs5

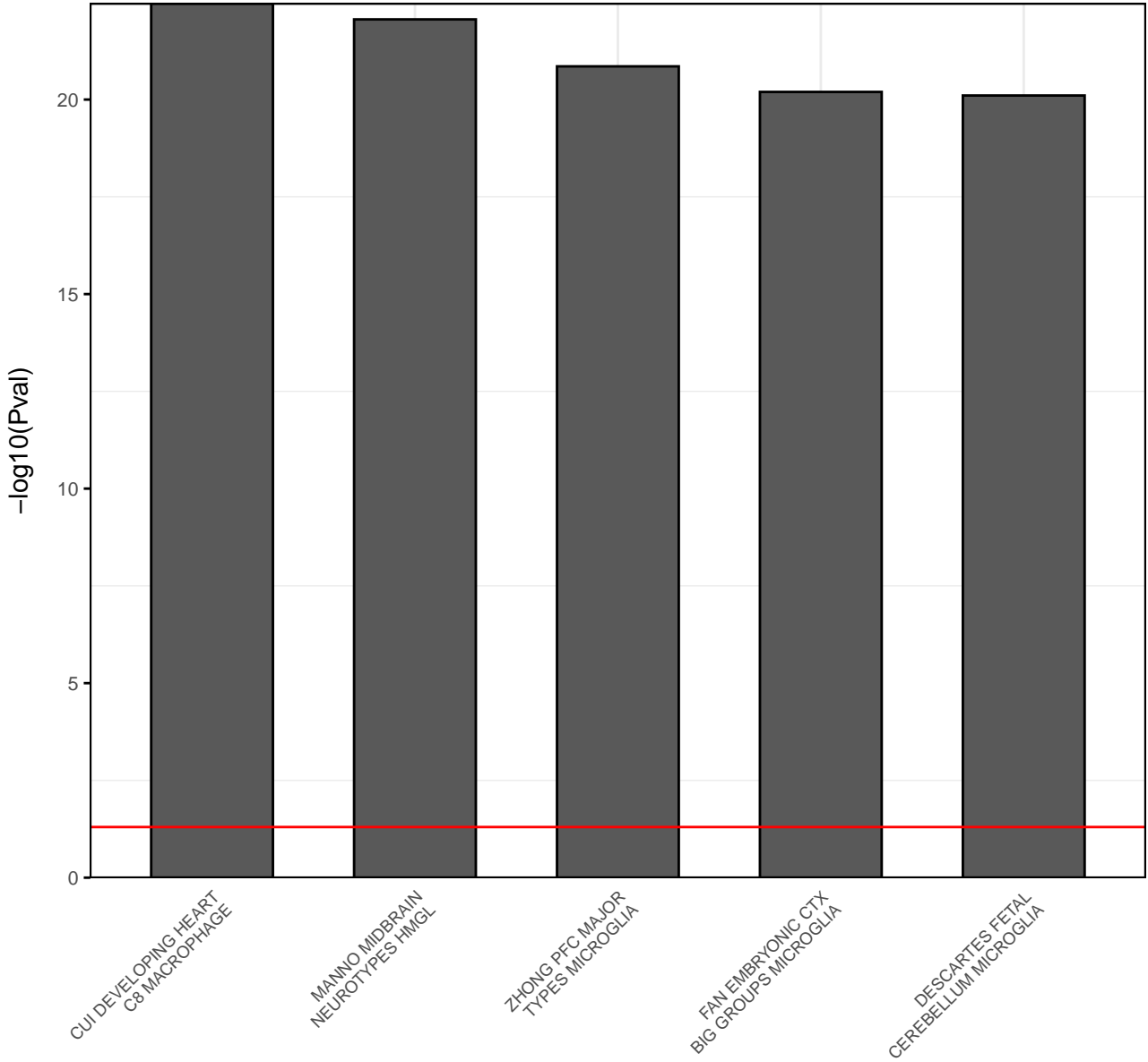


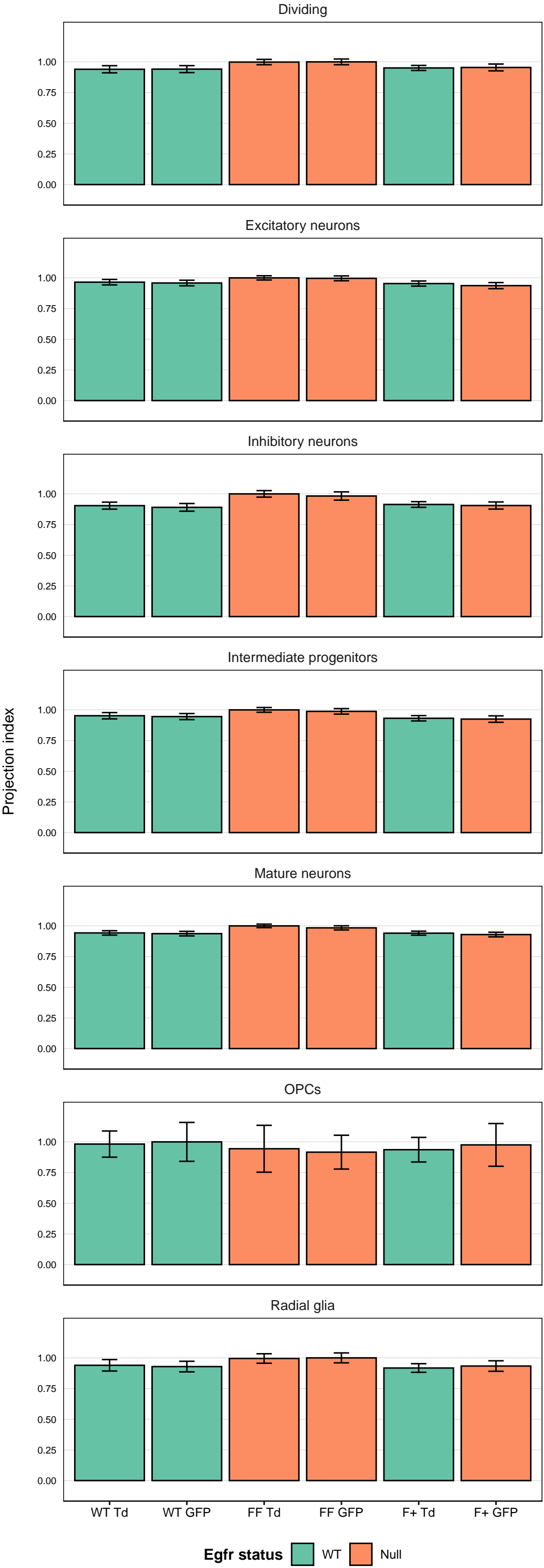
salmon2 module
Top 100 by kME
Bicor-None_signum0.698_minSize10_merge_ME_0.85_25509



Top genes by kME

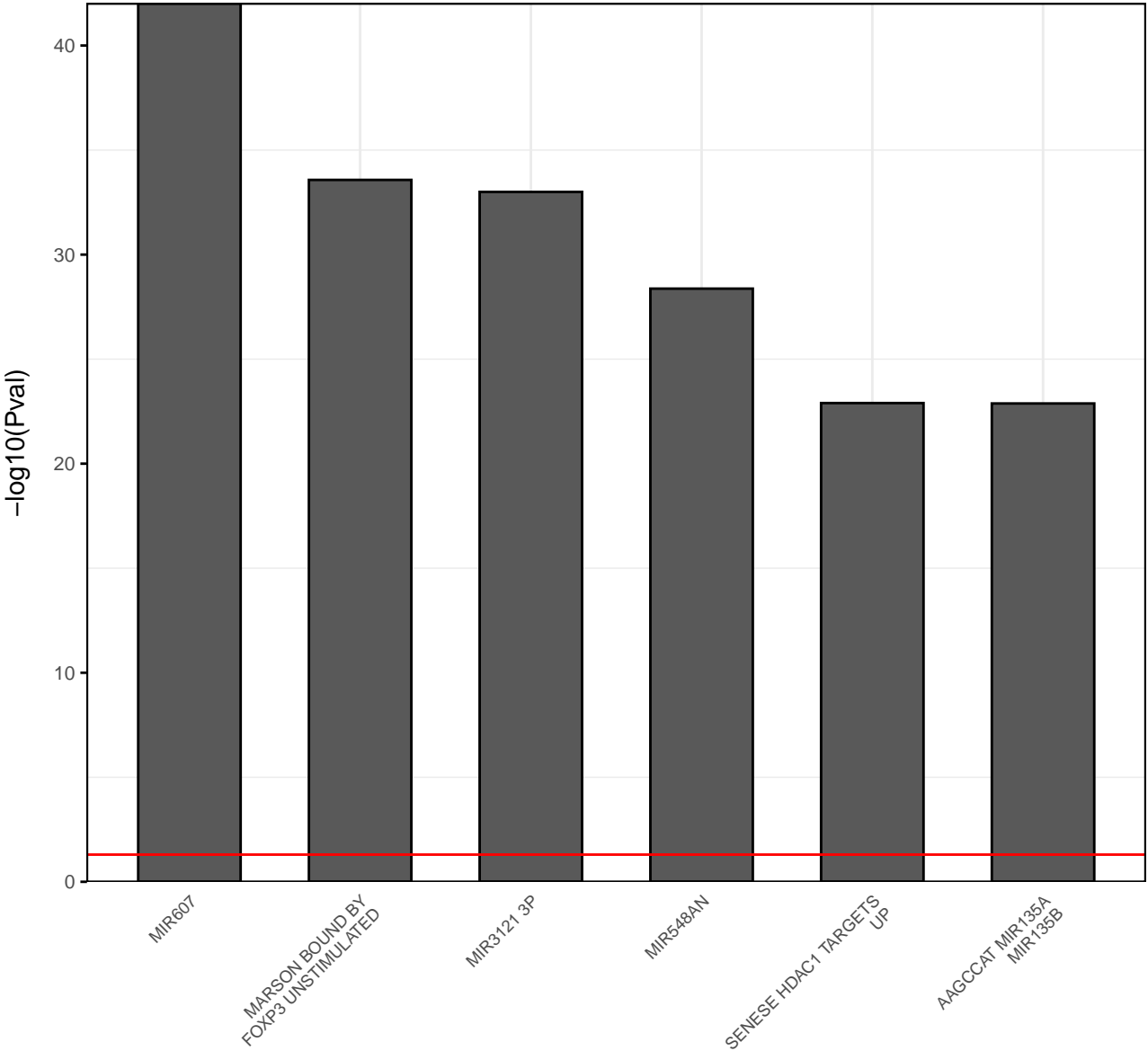
Ehd4
Selenop
Ctsd
Gm29683
Gm15902
Slc15a3
Tgfb2
Ctsc
Arhgef6
Unc93b1
Cd68
Bhlhe23
Lpcat2
Plek
Lyn
Irf8
Mir670hg
Rhcg
Gpr37l1
Ttc7

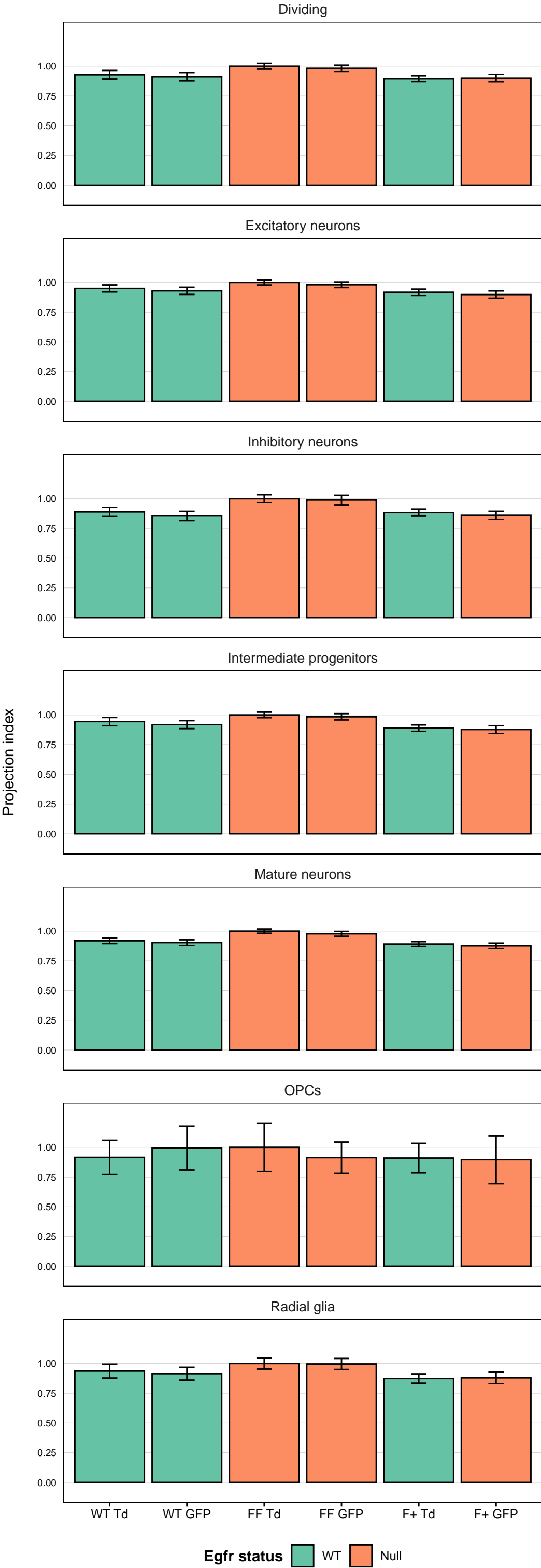




Top genes by kME

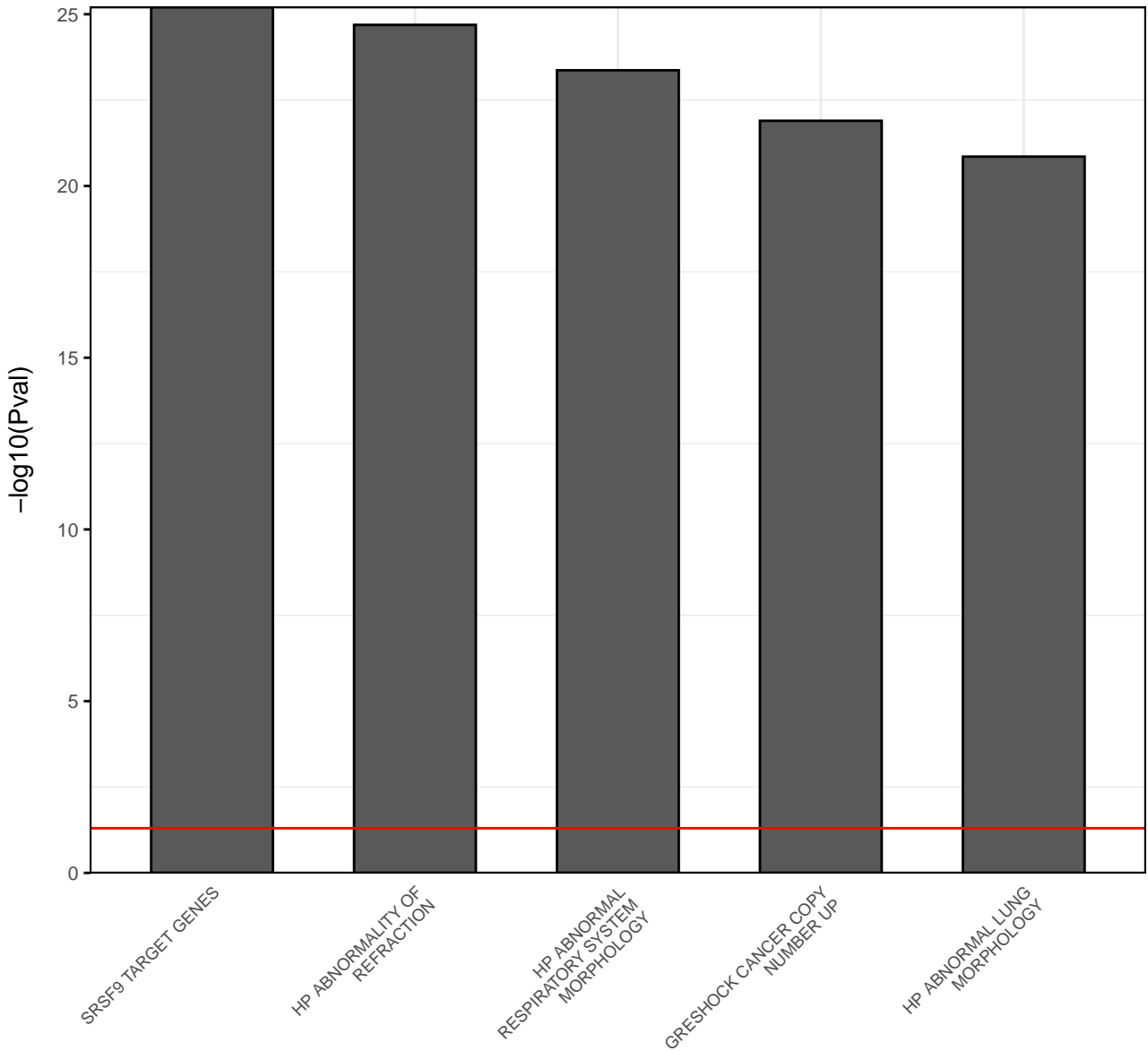
Arhgef2
Zfp518b
Ccnk
Seph1
Snp1
Mier3
Nacc1
Ccdc177
Yy1
Btd7
Mapk1p11
Smarcc1
Hnrnpul1
Mbtd1
Glis2
Rad54l2
Kpn1
Sin3a
Zfp646
Zfp629



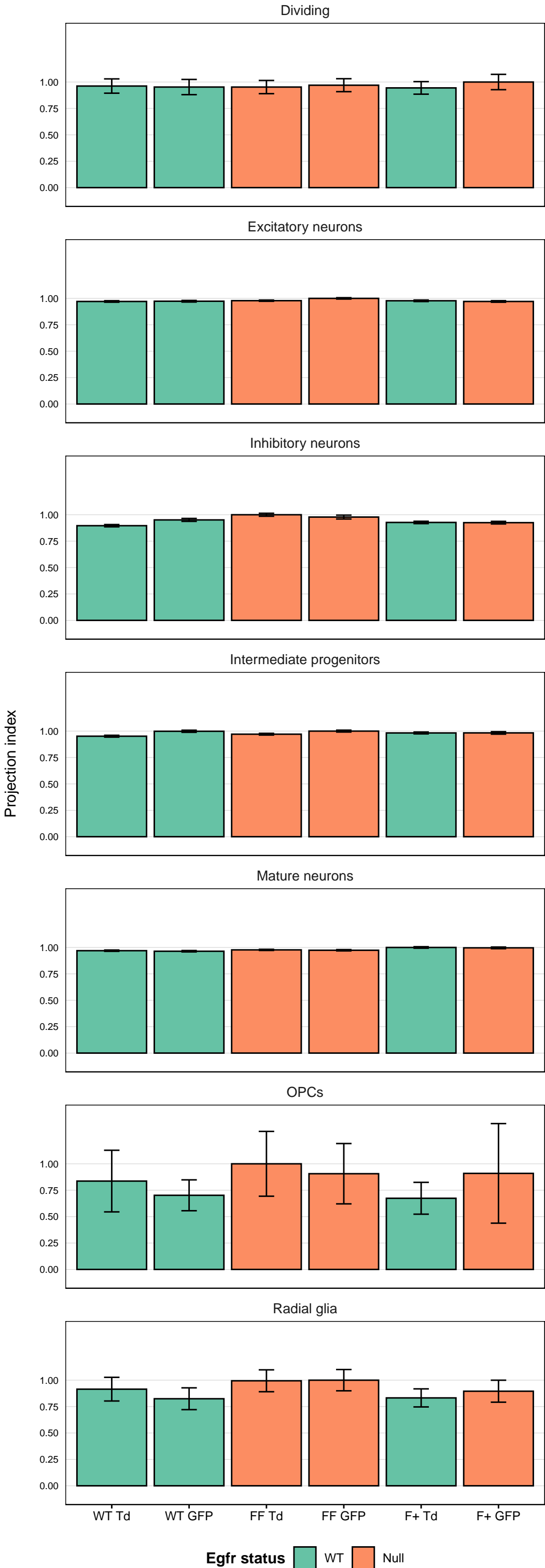


Top genes by kME

Dip2b
Crebbp
Kat6a
Hcfc1
Nsd1
Brd4
Zmiz1
Wnk1
Hmbox1
Zfp142
Mecp2
Bmpr2
Chd2
Rprd2
Cnot1
Chd4
Rere
Ambra1
Gatad2b
Fbrs

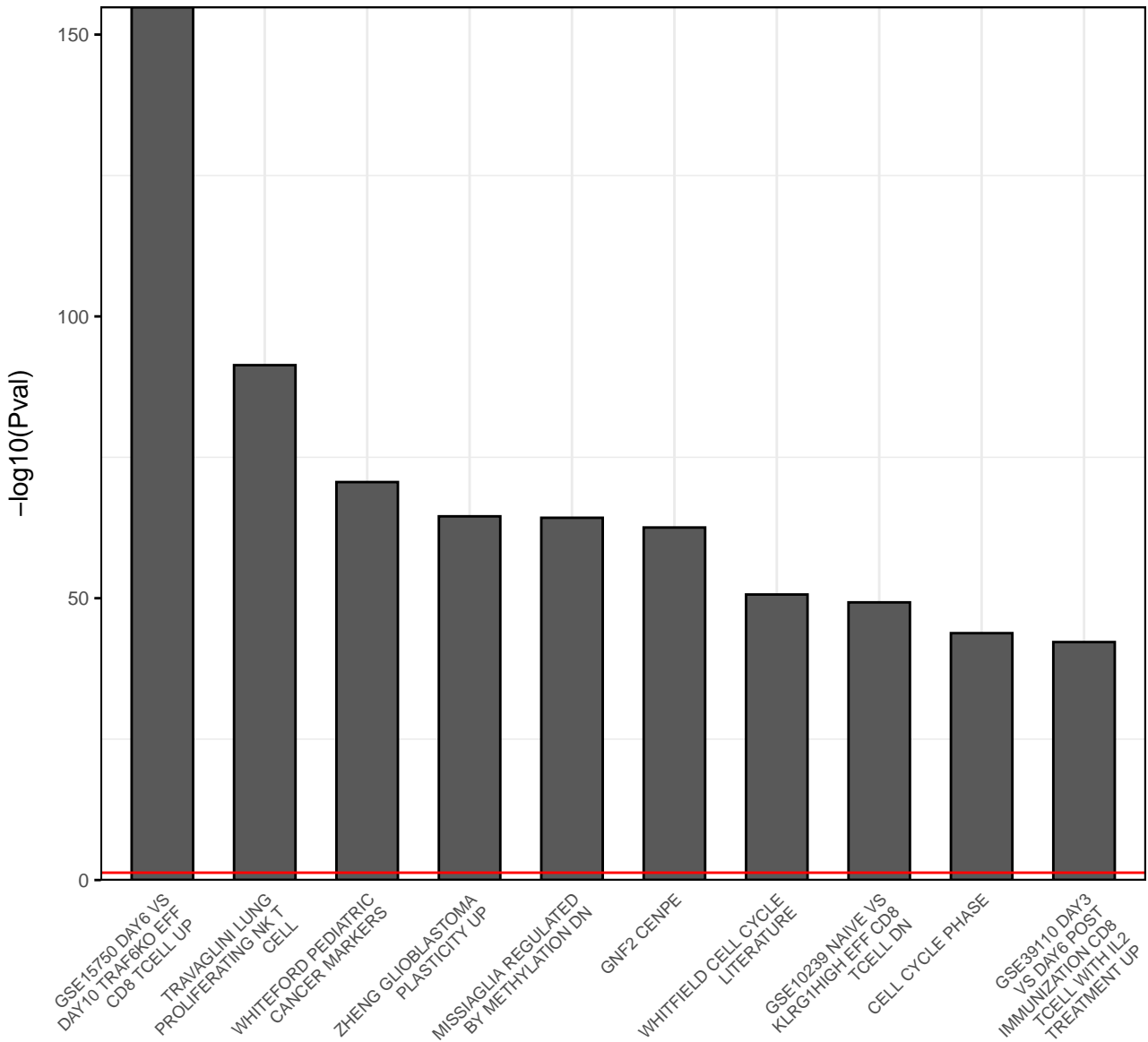


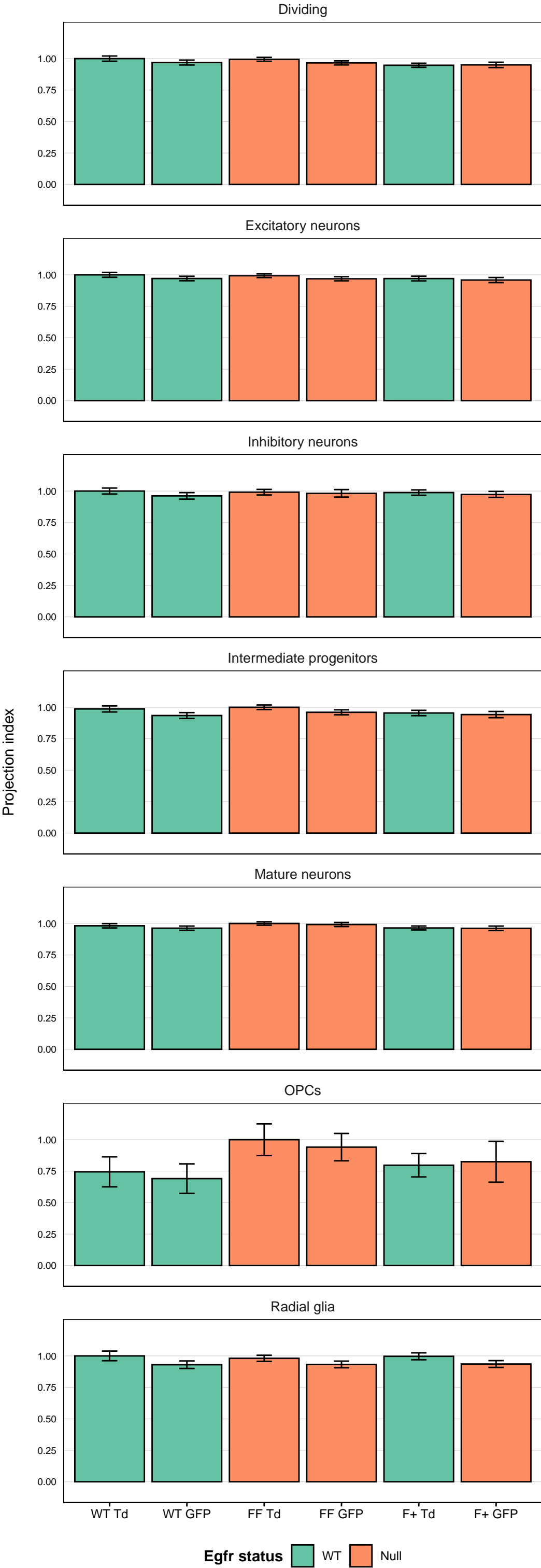
green module
Top 100 by kME
Bicor-None_signum0.746_minSize20_merge_ME_0.85_25509



Top genes by kME

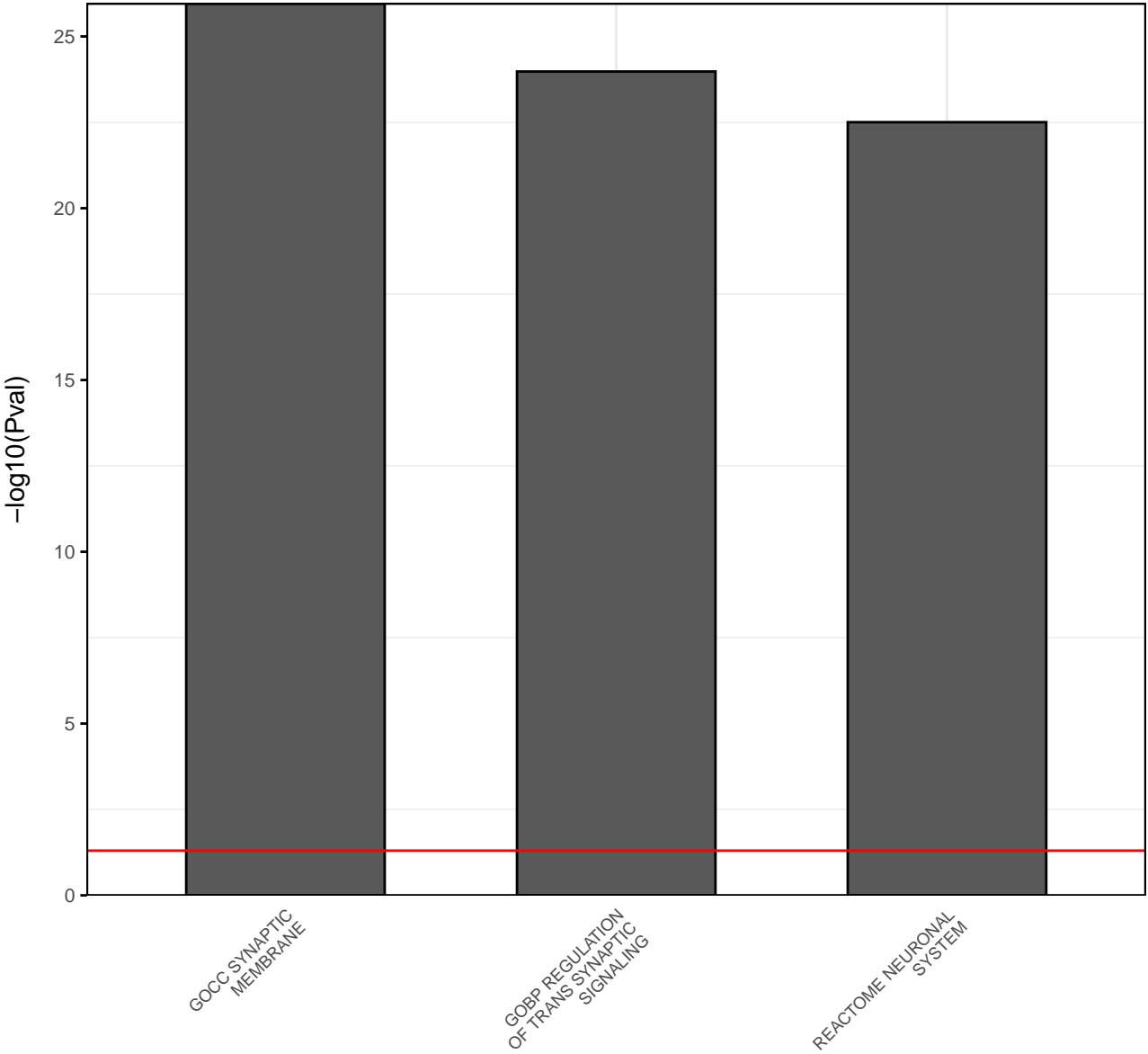
Gm43689
Ddx58
Bst2
Trmt9b
3110021N24Rik
Gm43330
2010109A12Rik
Angptl6
Gm47018
Gm7879
C030047K22Rik
BC049715
Bik
Cmss1
Gm26670
Gm11508
Xaf1
Urah
Tsfm
Gm17705



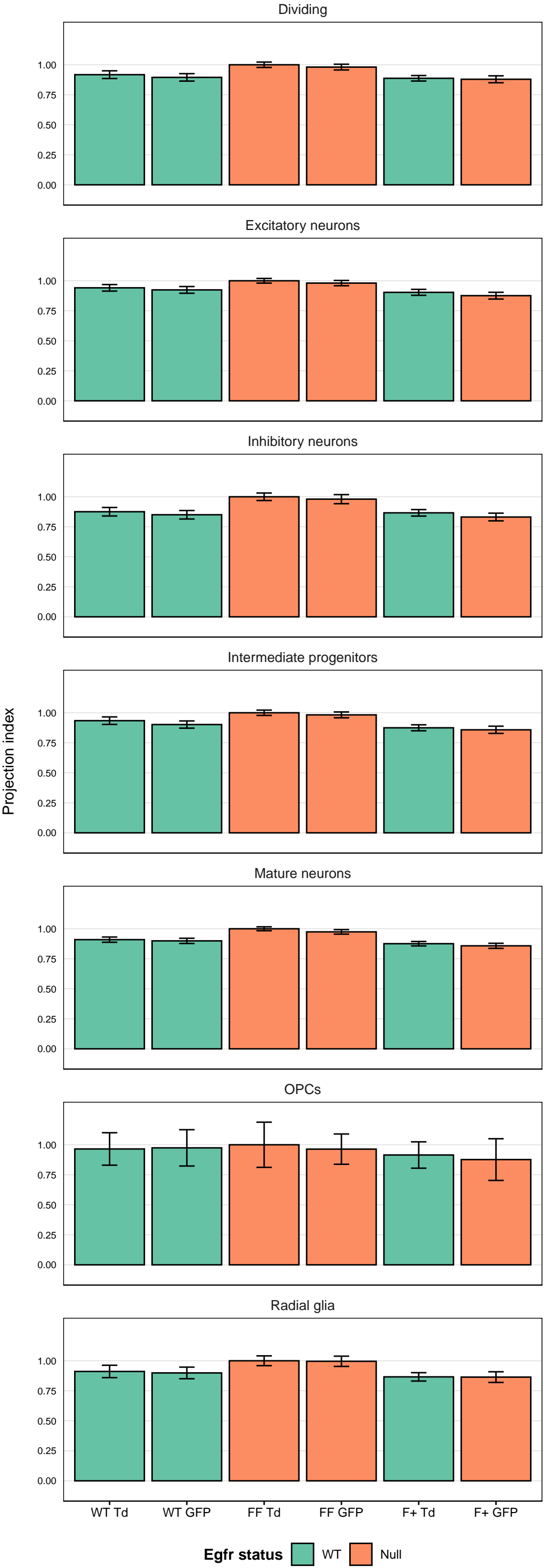


Top genes by kME

Erc2
Ppp3ca
Ttl
Dclk1
Atp13a1
Dnajc16
Reep1
Snap91
Atat1
Pacs2
Pcnx2
Sez6
Eid2b
Gnptab
Plppr3
Cep170b
Celf3
Rtn1
Stxbp1
Crmp1

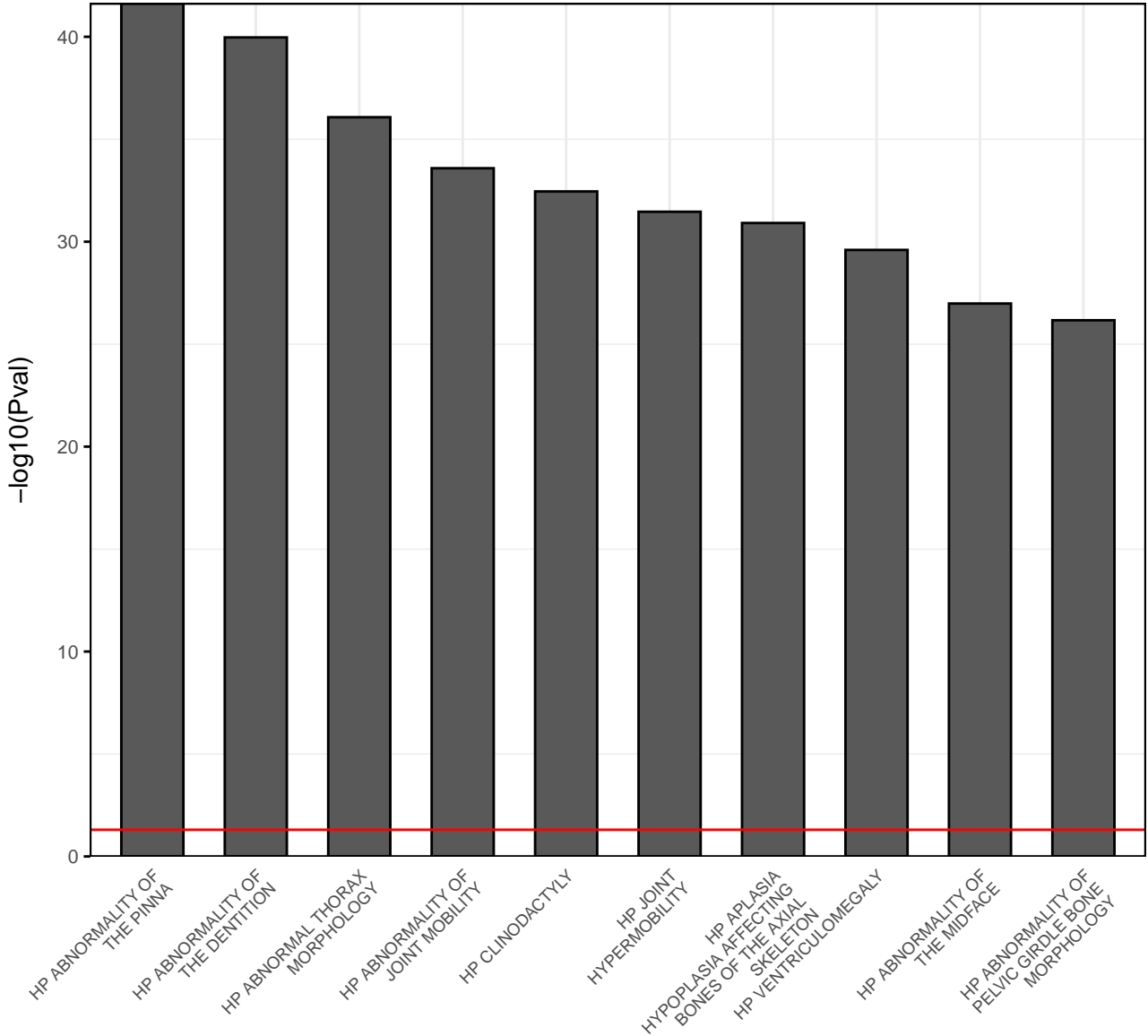


yellow module
Top 100 by kME
Bicor-None_signum0.66_minSize10_merge_ME_0.85_25509

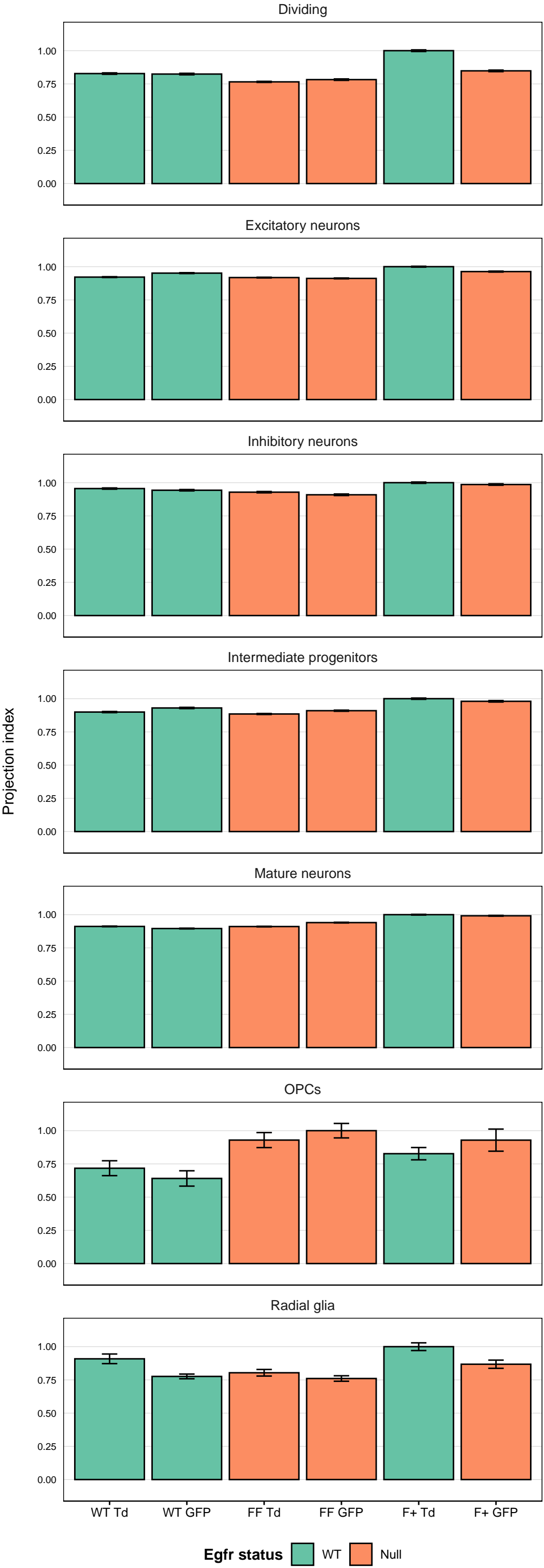


Top genes by kME

Slc30a9
Hira
Sun1
Hars
Cul4a
Gps1
Zmynd19
Ube2k
Exoc1
Btbd1
Wars
Denr
Tbp
Rnmt
Lpcat1
Yars
Fbxo21
Mlt1
Glyr1
Map2k4

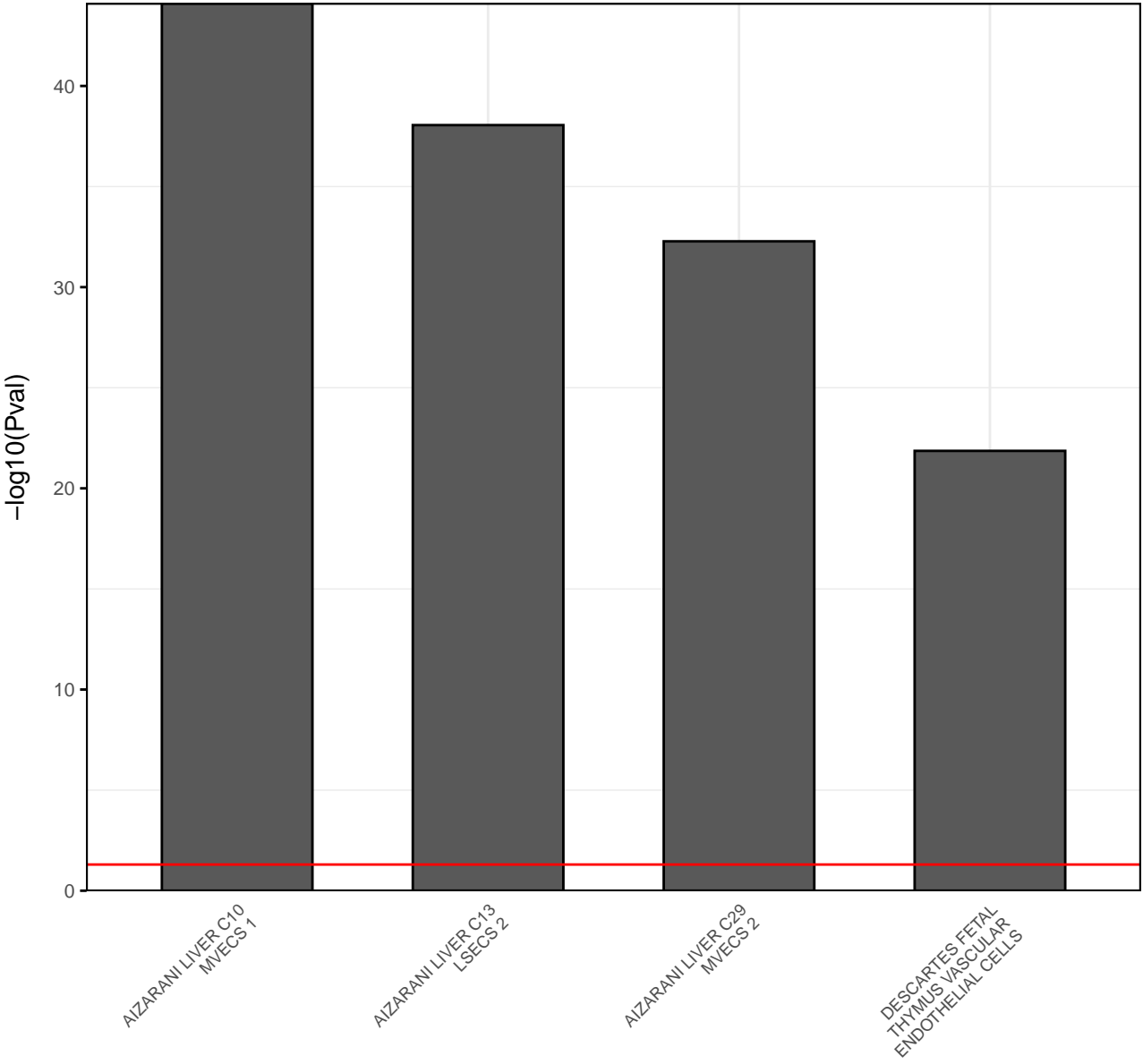


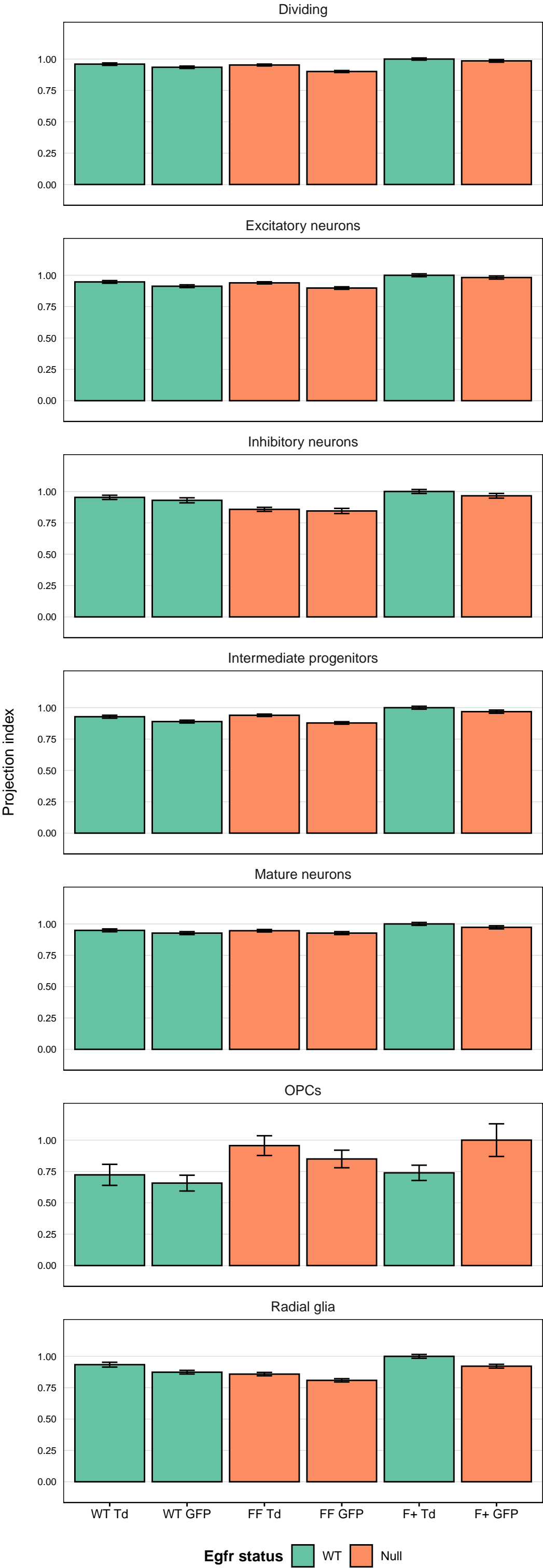
darkgreen module
Top 100 by kME
Bicor=None_signum0.66_minSize10_merge_ME_0.85_25509



Top genes by kME

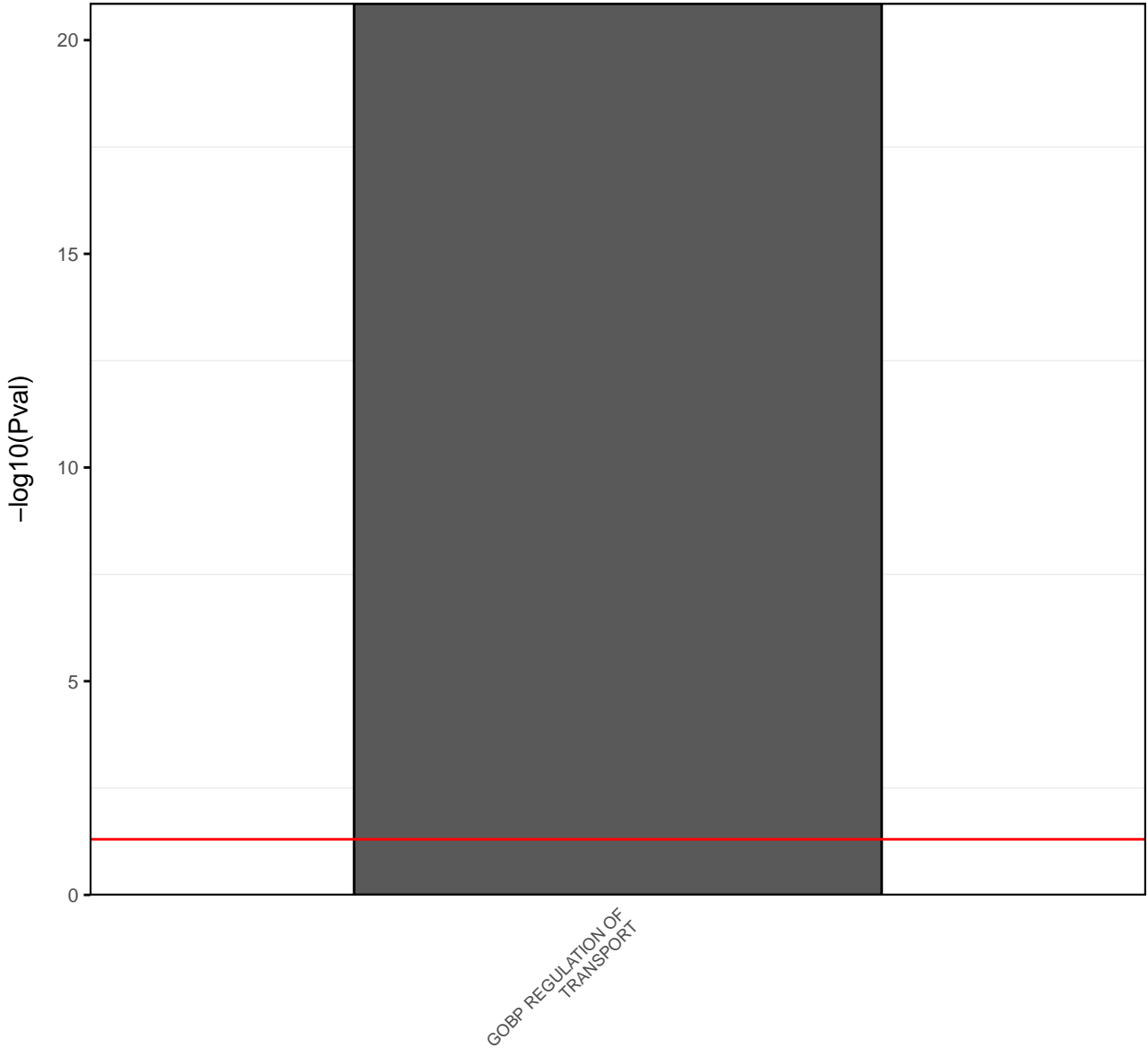
Col4a1
Mmrn2
Nid1
Nid2
Ccdc141
Pecam1
B3gnt2
Vwa1
Slc2a1
Cnn2
Rhoj
Lama4
Tfpi
Rgs5
Gatm
Stard13
Dock6
Nos3
Itm2a
Slc46a3





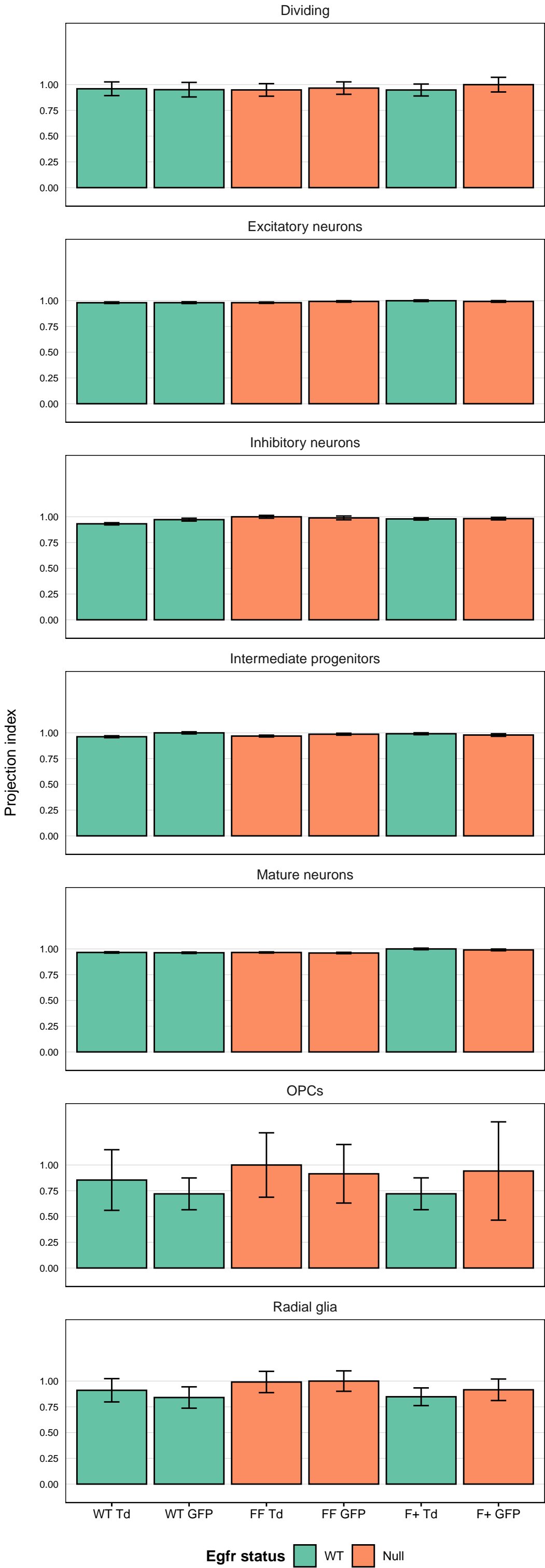
Top genes by kME

Spryd3
Sult4a1
Dagla
Jph3
Fbxo41
Arhgap20
Sema6b
Slc25a22
Gabra5
Syng1
Cacna1e
Impdh1
Spns2
A830018L16Rik
Camkv
Scamp5
Coro2a
Camkk2
Syt7
Kctd12



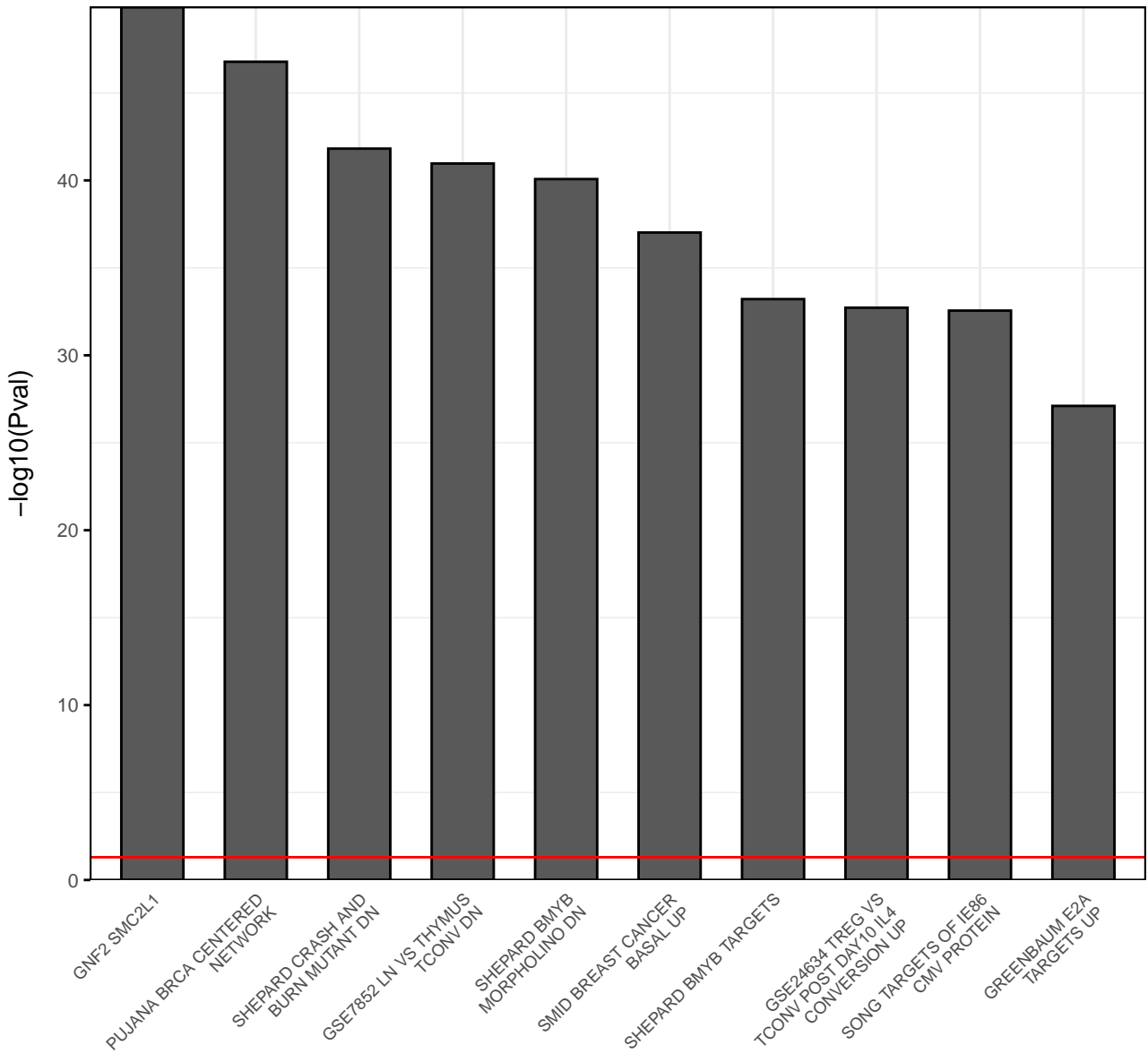
red module
Top 100 by kME

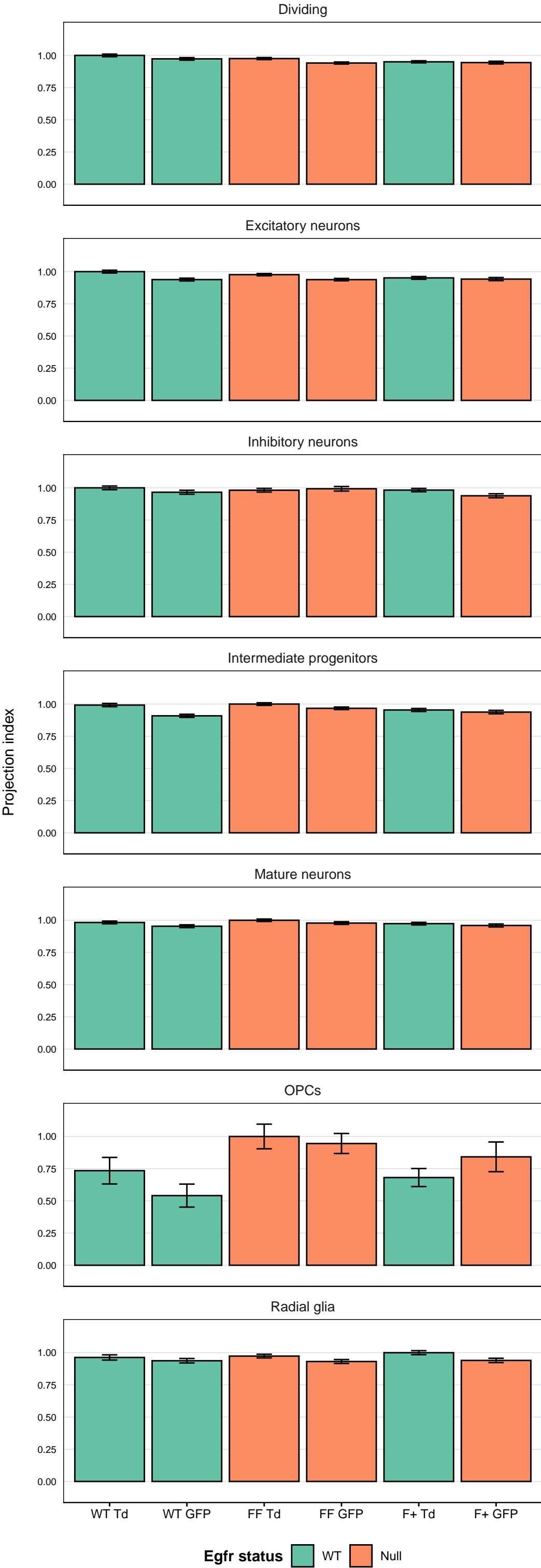
Bicor-None_signum0.66_minSize10_merge_ME_0.85_25509



Top genes by kME

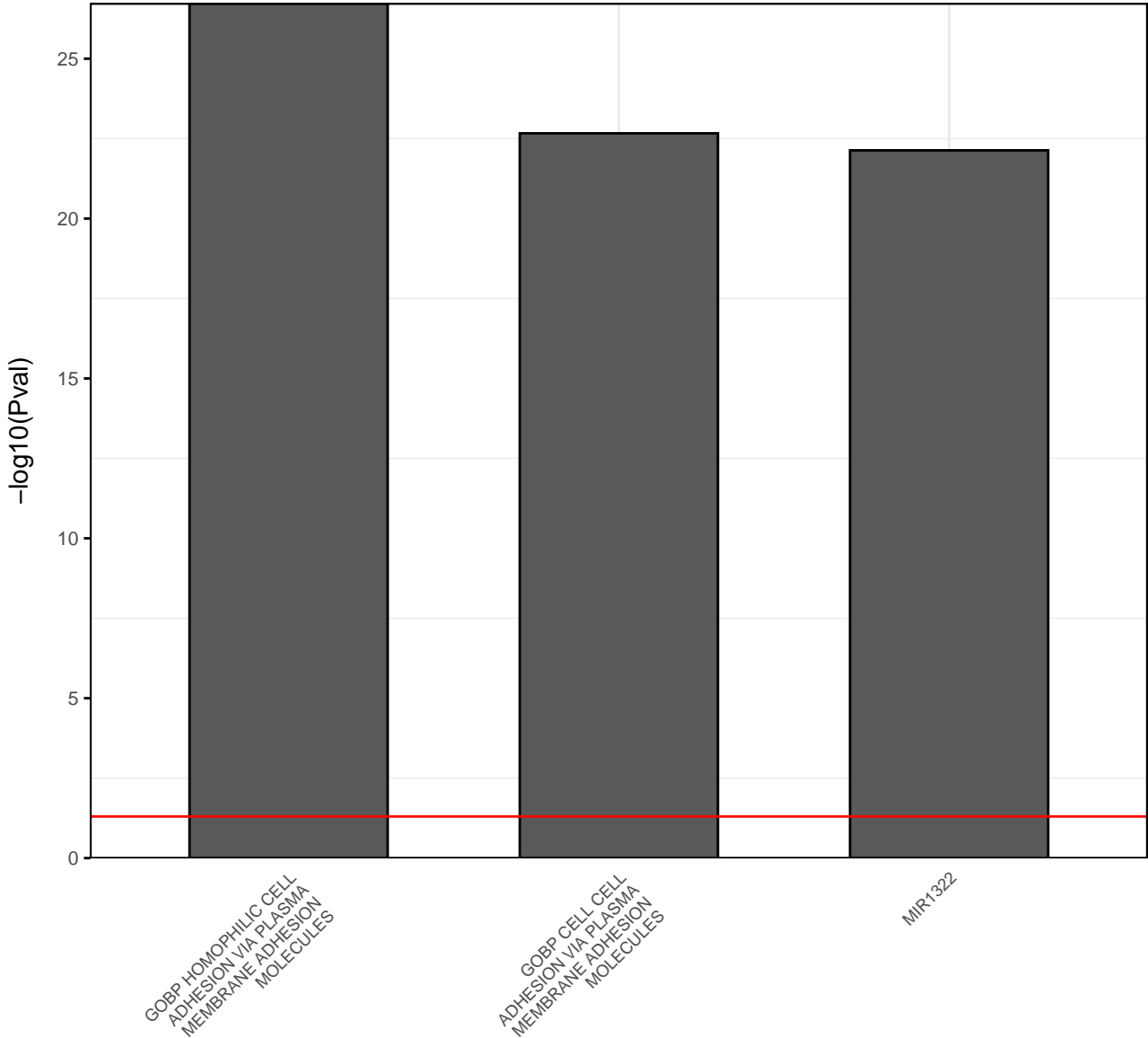
Cdca2
Racgap1
Exo1
Rfwd3
Lig1
Nusap1
Rrm2
Tank
Paics
Rad54l
Incenp
Ccna2
Kif2c
Mcm3
Kif23
Ect2
Smc2
Zfp219
Tpx2
Tpm4



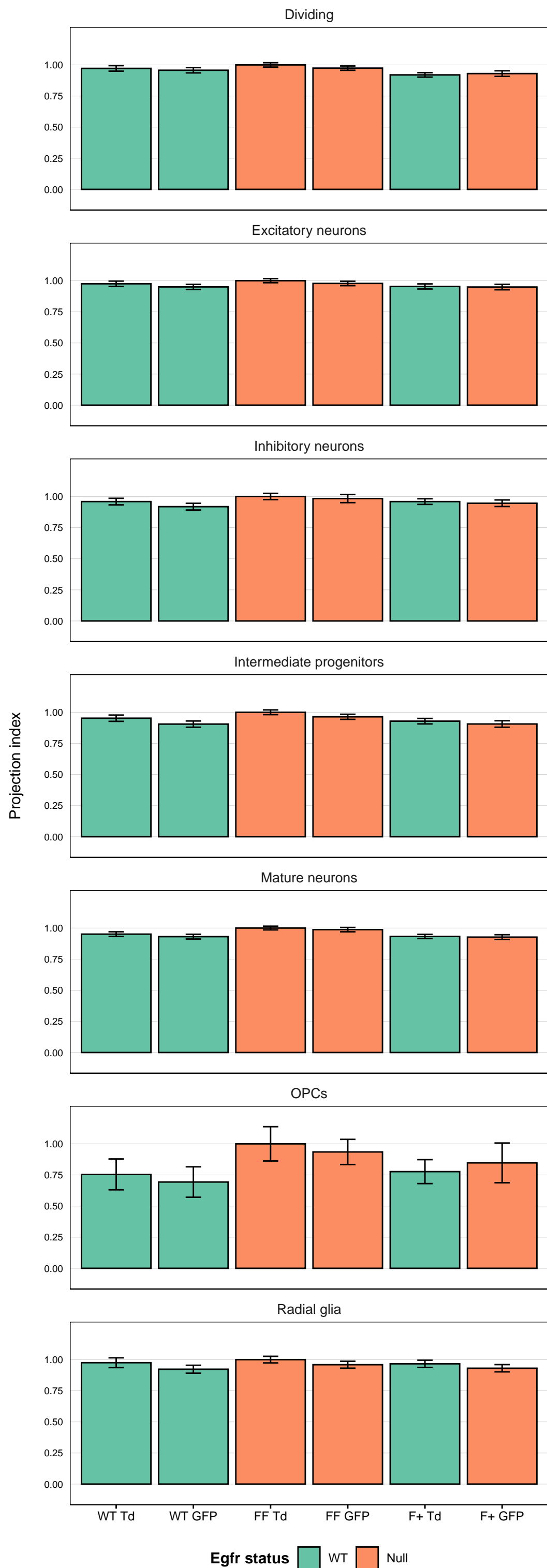


Top genes by kME

Pcdha2
Pcdha8
Pcdha4
Pcdha3
Pcdha6
Pcdha7
Kcnb1
Rab6b
Pcdha5
Lmbrd1
Rgma
Pcdhb22
Stmn4
Pcdhb16
Pcdhb20
Bsc12
Tanc2
Lsm11
Sgk1
Galnt16

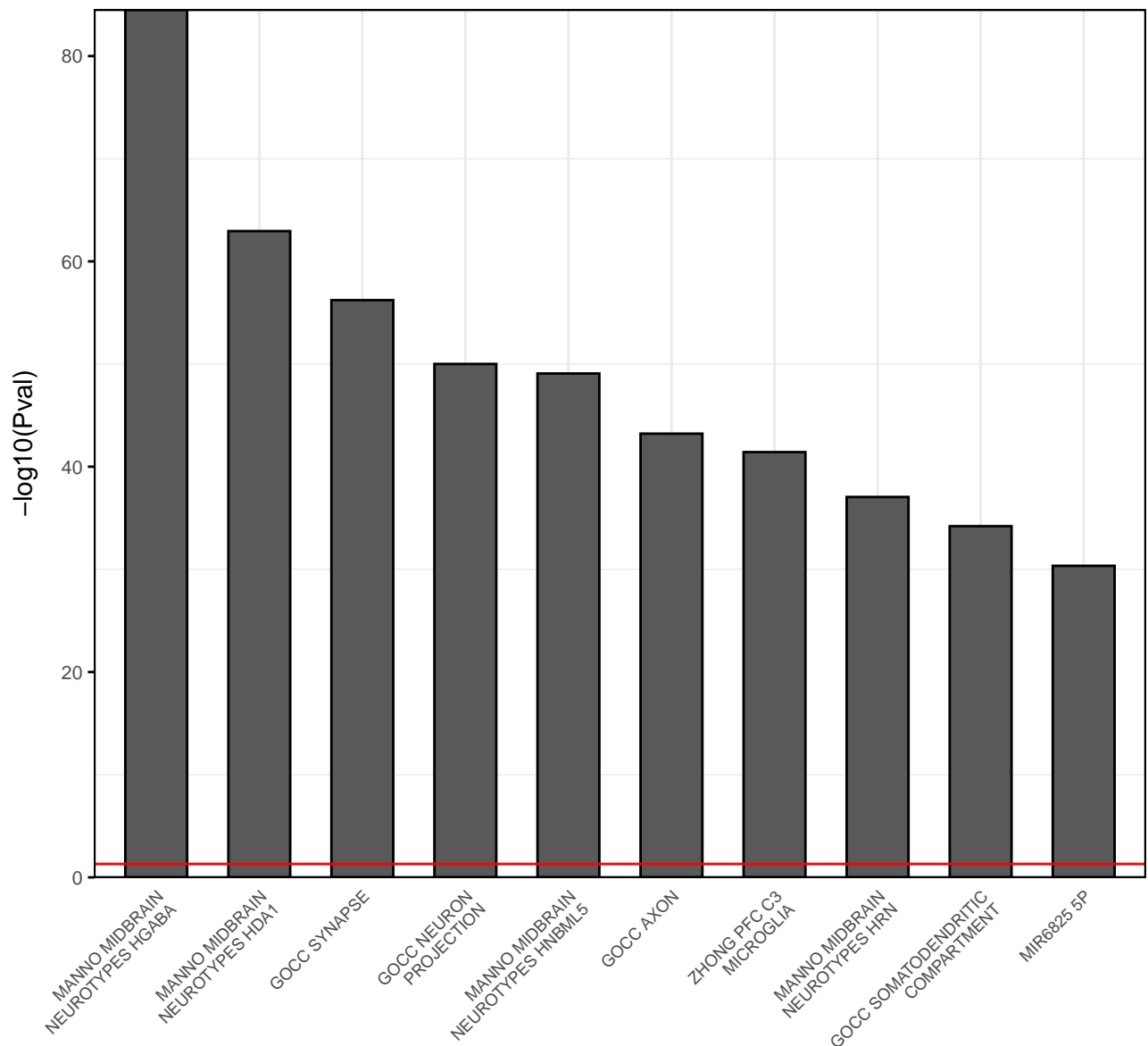


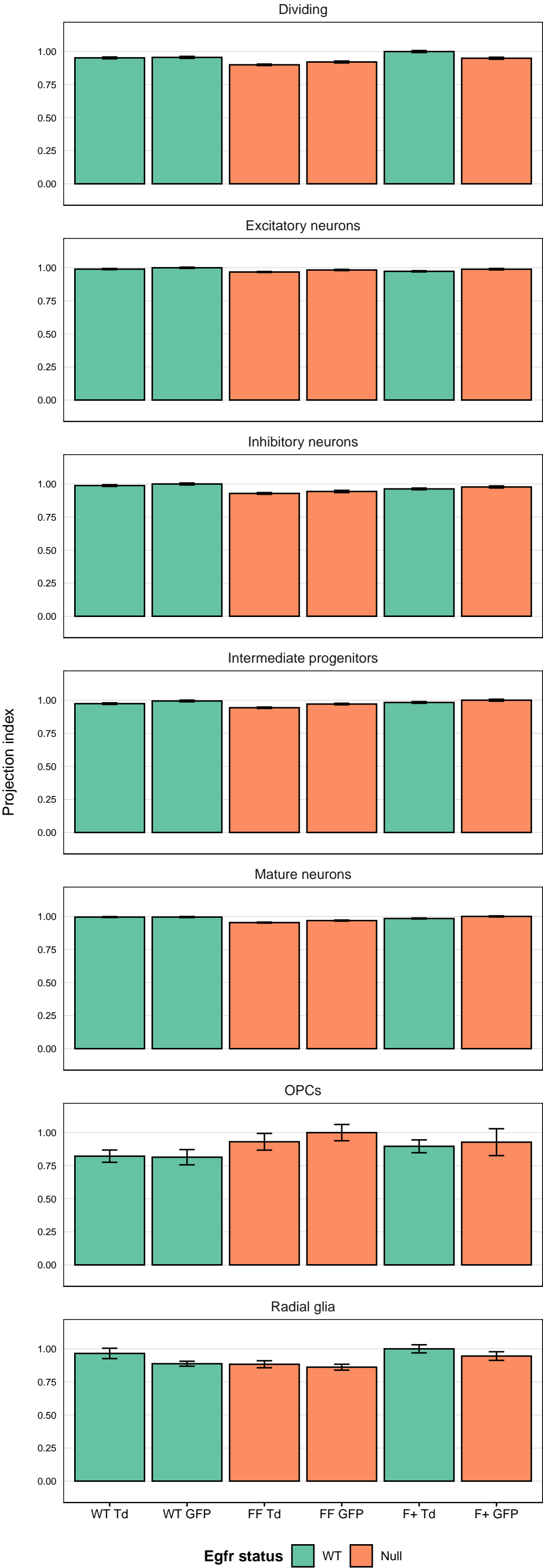
green module
Top 100 by kME
Bicor=None_signum0.66_minSize15_merge_ME_0.85_25509



Top genes by kME

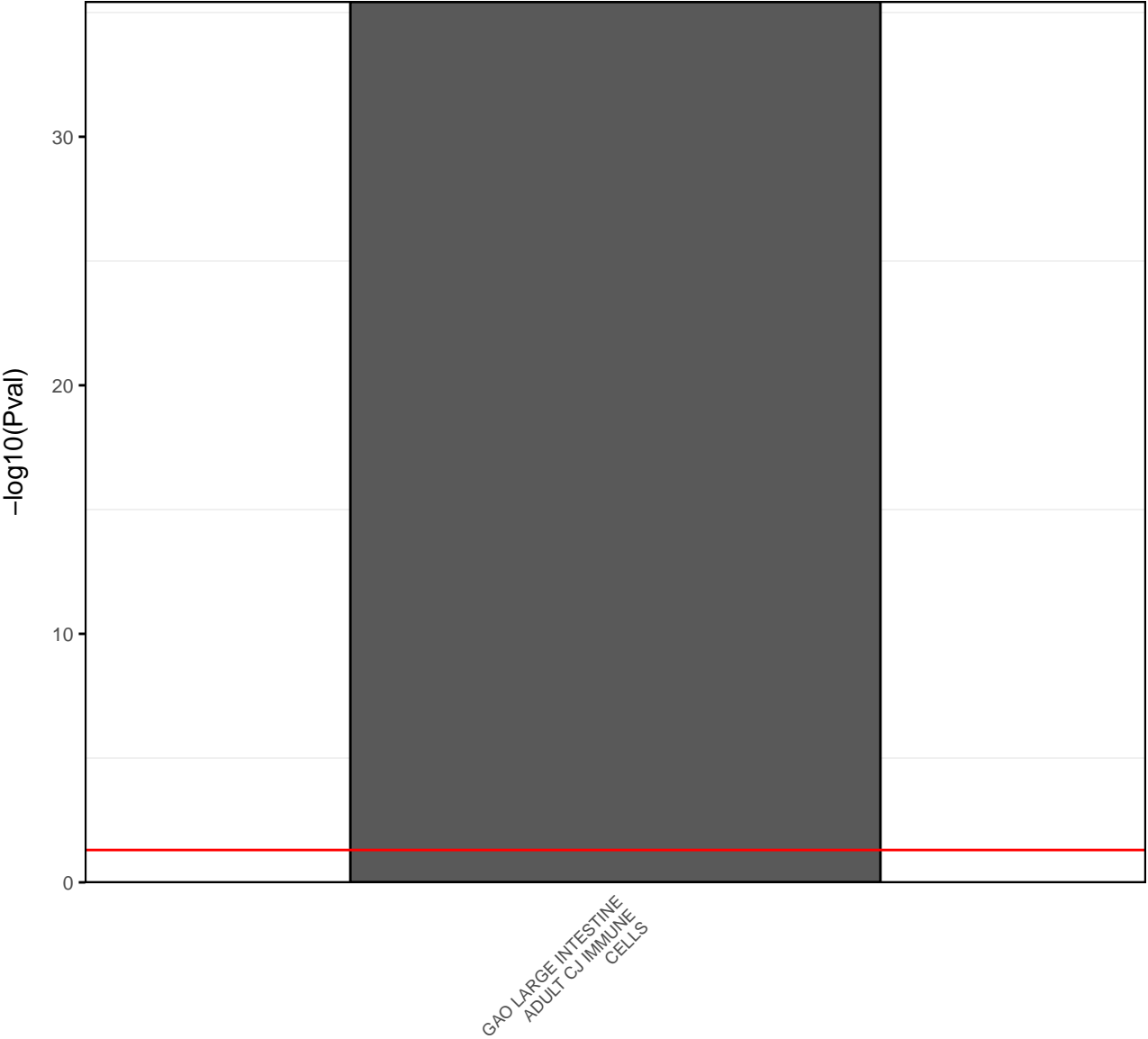
Pacs2
Eid2b
Ppp3ca
Ttl
Dctn1
Ap3b2
Dclk1
Rassf2
Atp9b
Erc2
Znfx1
Atp6v0a1
Nbea
Efr3b
Rab11fip4
Edem1
Mapre2
Madd
Abca3
Stxbp1



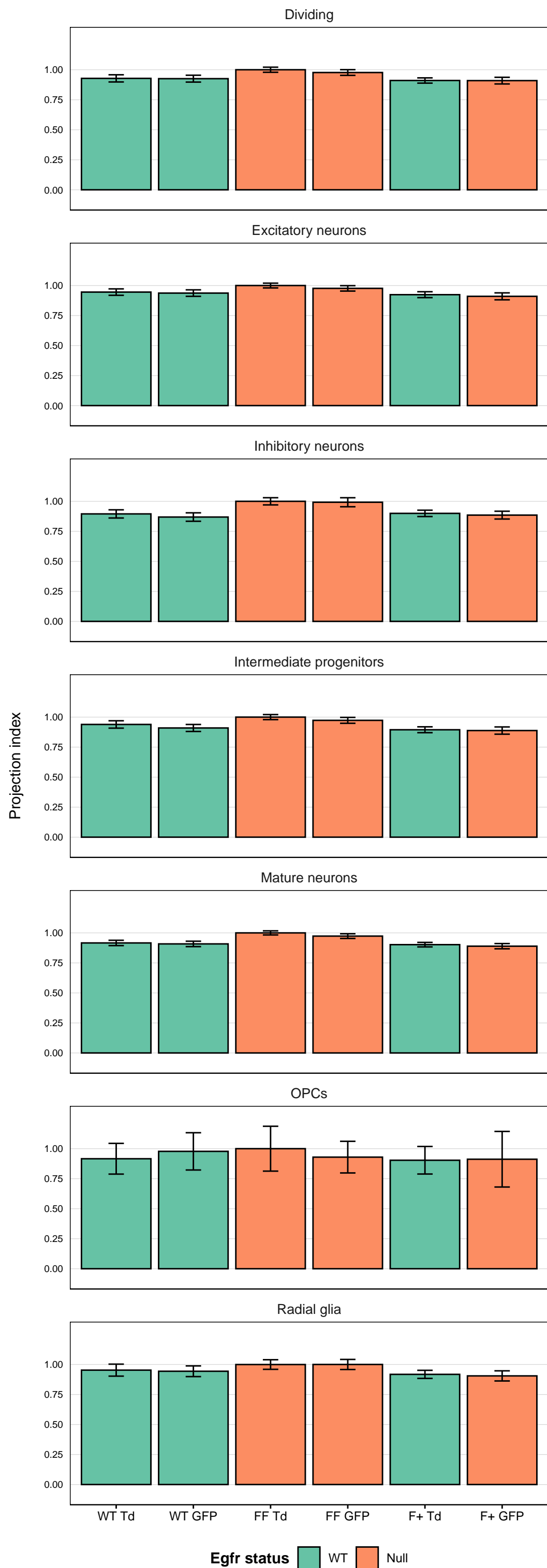


Top genes by kME

Mmrn2
Rgs5
Rhoj
Ifi27
Nid1
Vwa1
Gatm
Col4a1
Ccdc141
B3gnt2
Pltp
Car2
Tfpi
Dock6
Bgn
Nos3
Itm2a
Arpc1b
Nid2
Cnn2

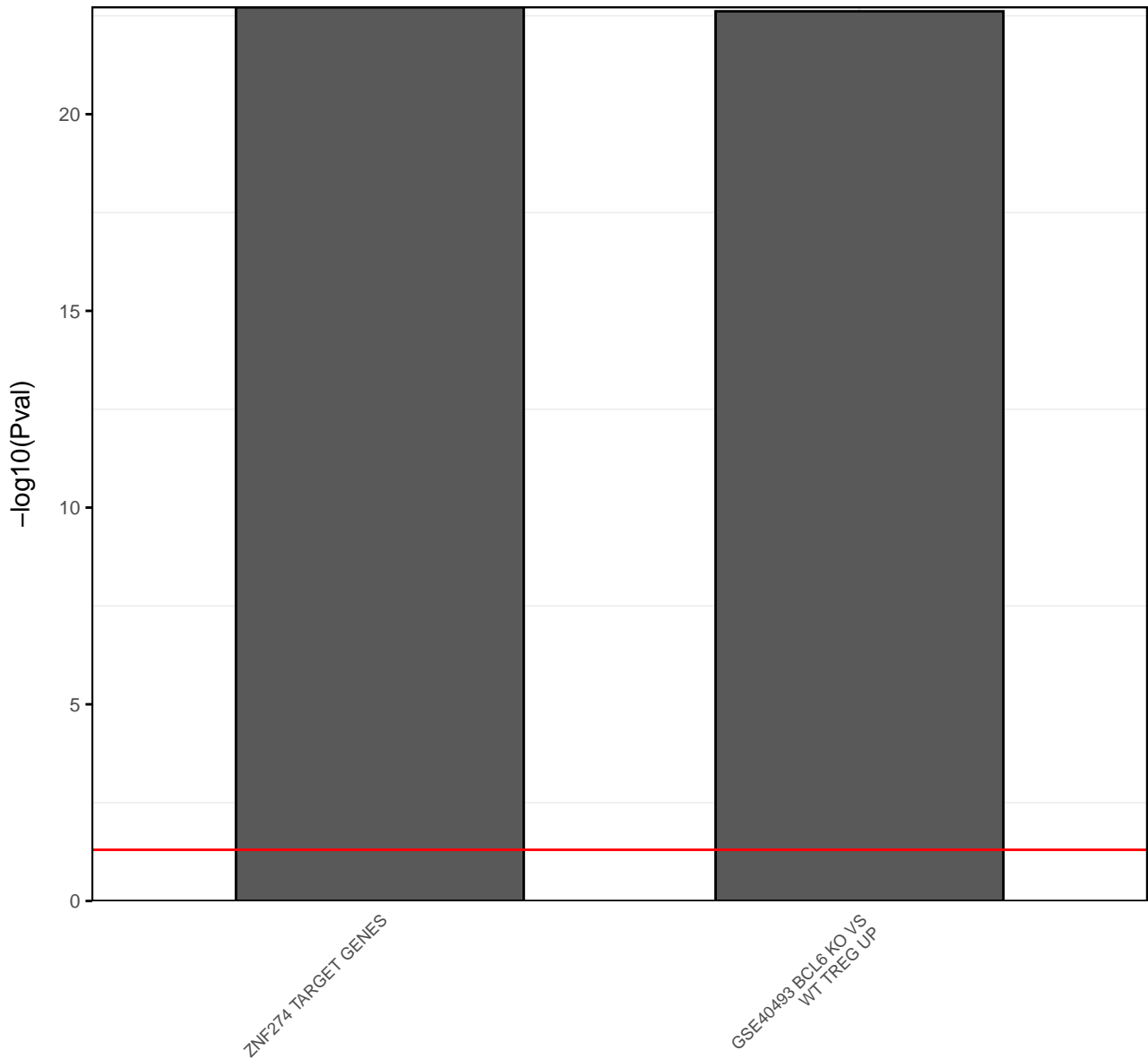


brown module
Top 100 by kME
Bicor-None_signum0.66_minSize15_merge_ME_0.85_25509

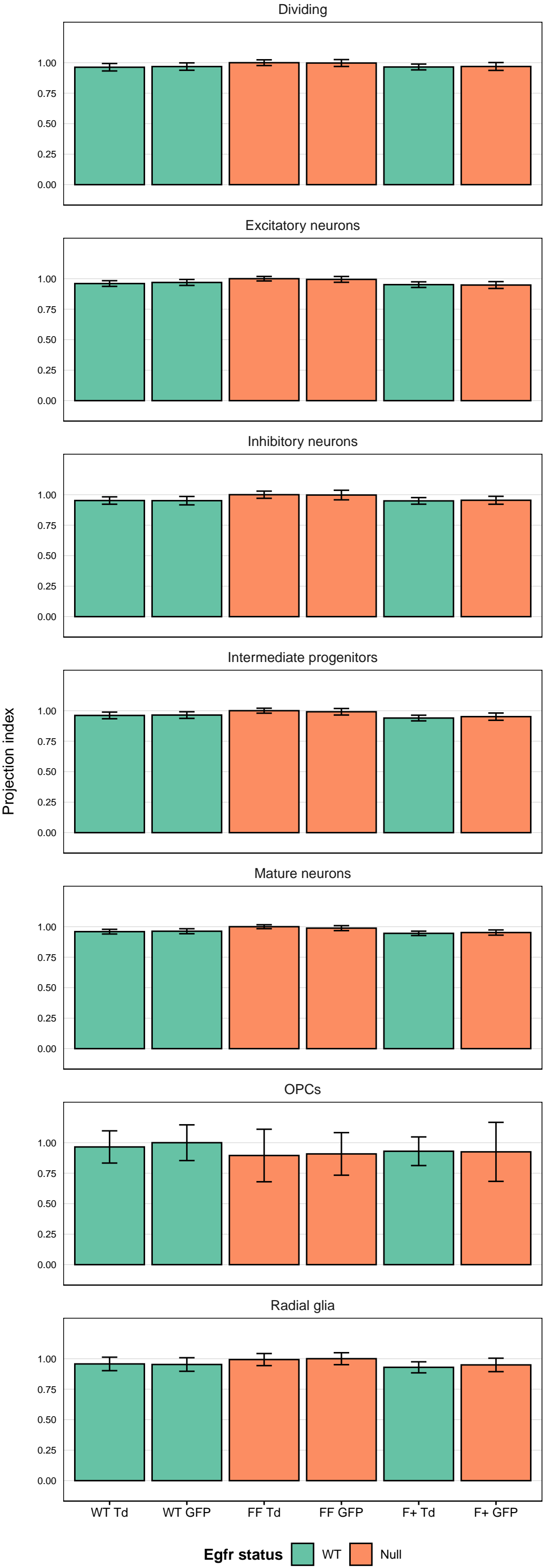


Top genes by kME

Hnrnpul2
Zyg11b
Kif13b
Trip11
Ralgapb
Kmt2e
Kmt5b
Tulp4
Ncor1
Kdm4a
Lats1
Ptpn23
Cand1
Pum1
Usp49
Cdk19
Eml4
Smg6
Supt5
Usp11

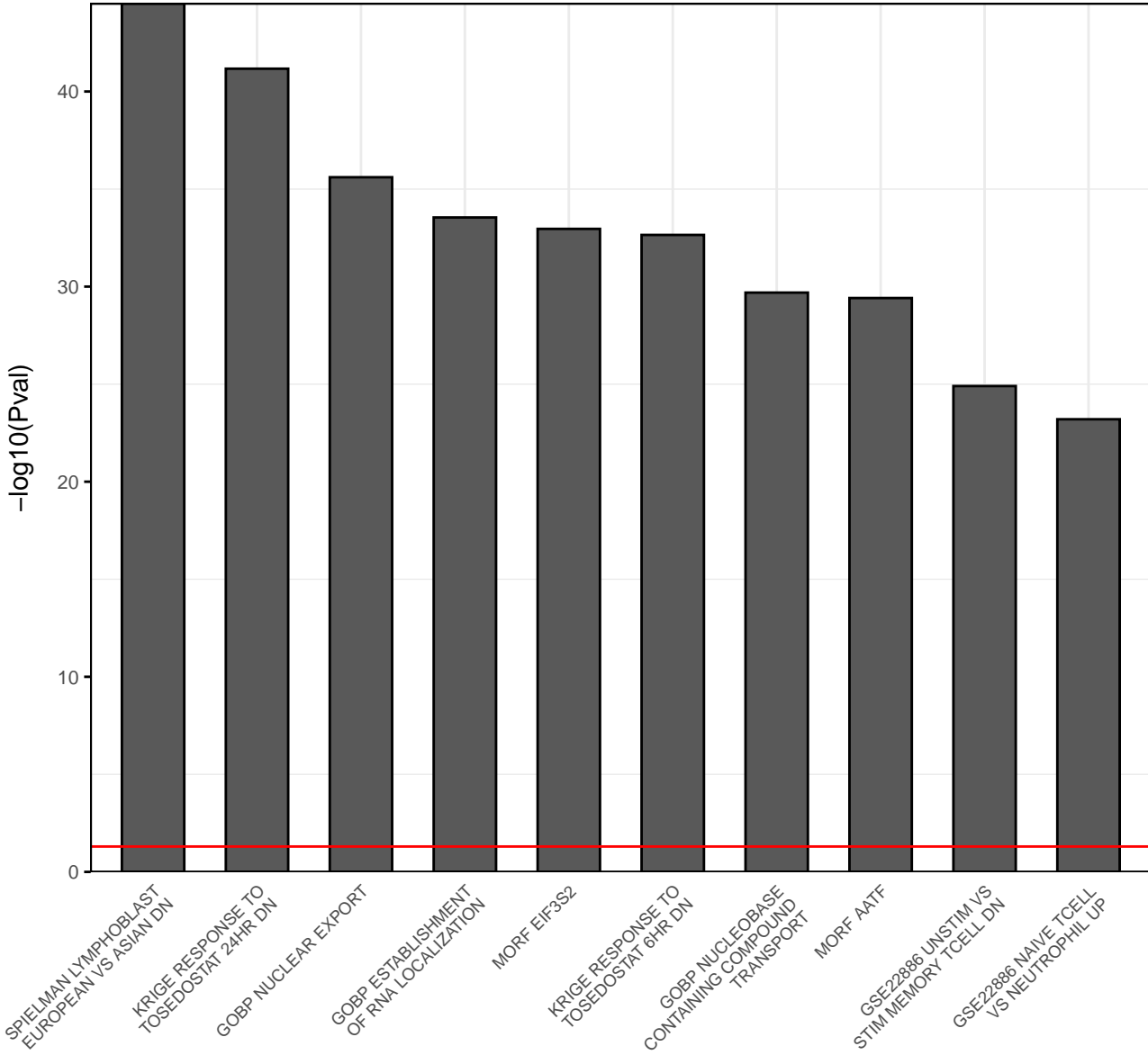


turquoise module
Top 100 by kME
Bicor-None_signum0.66_minSize12_merge_ME_0.85_25509



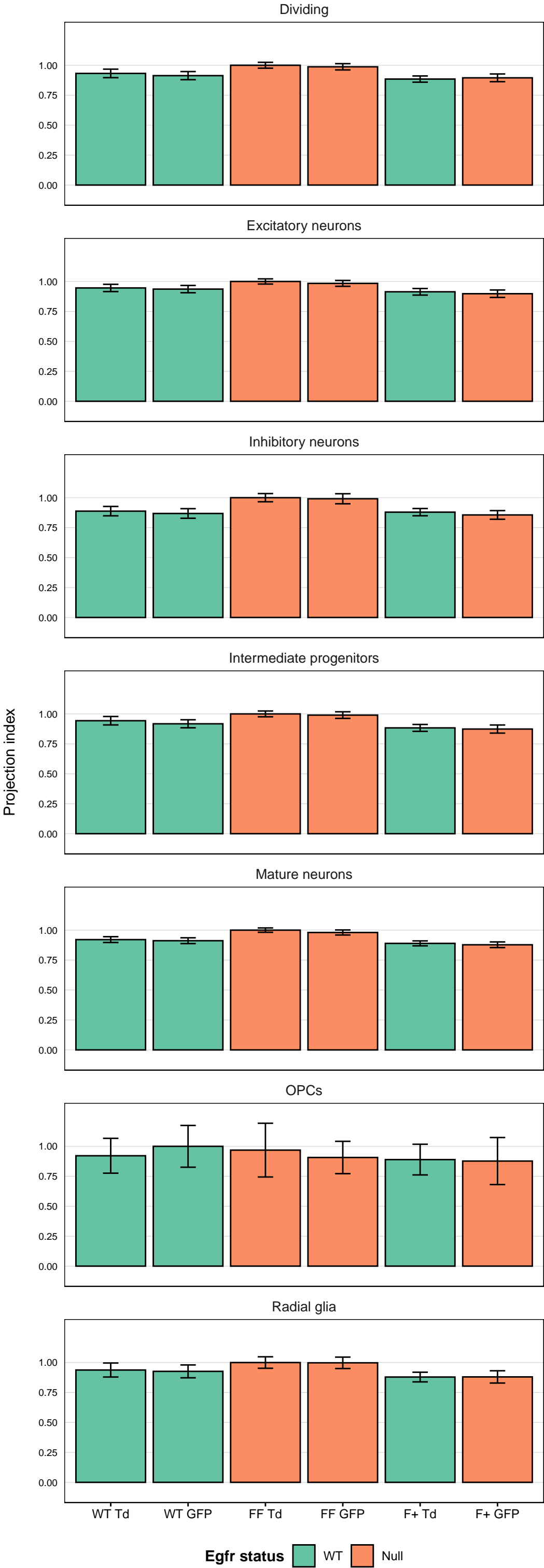
Top genes by kME

Gm14023
Gm17529
Gm16741
0610009L18Rik
Tbx6
Ptger1
Ccdc102a
Gm42699
Gm9856
6720468P15Rik
Npff
Ppp1r14a
Gm12925
7530416G11Rik
Gm48045
Gm14488
Lama5
Drd4
C230035I16Rik
Gm30489



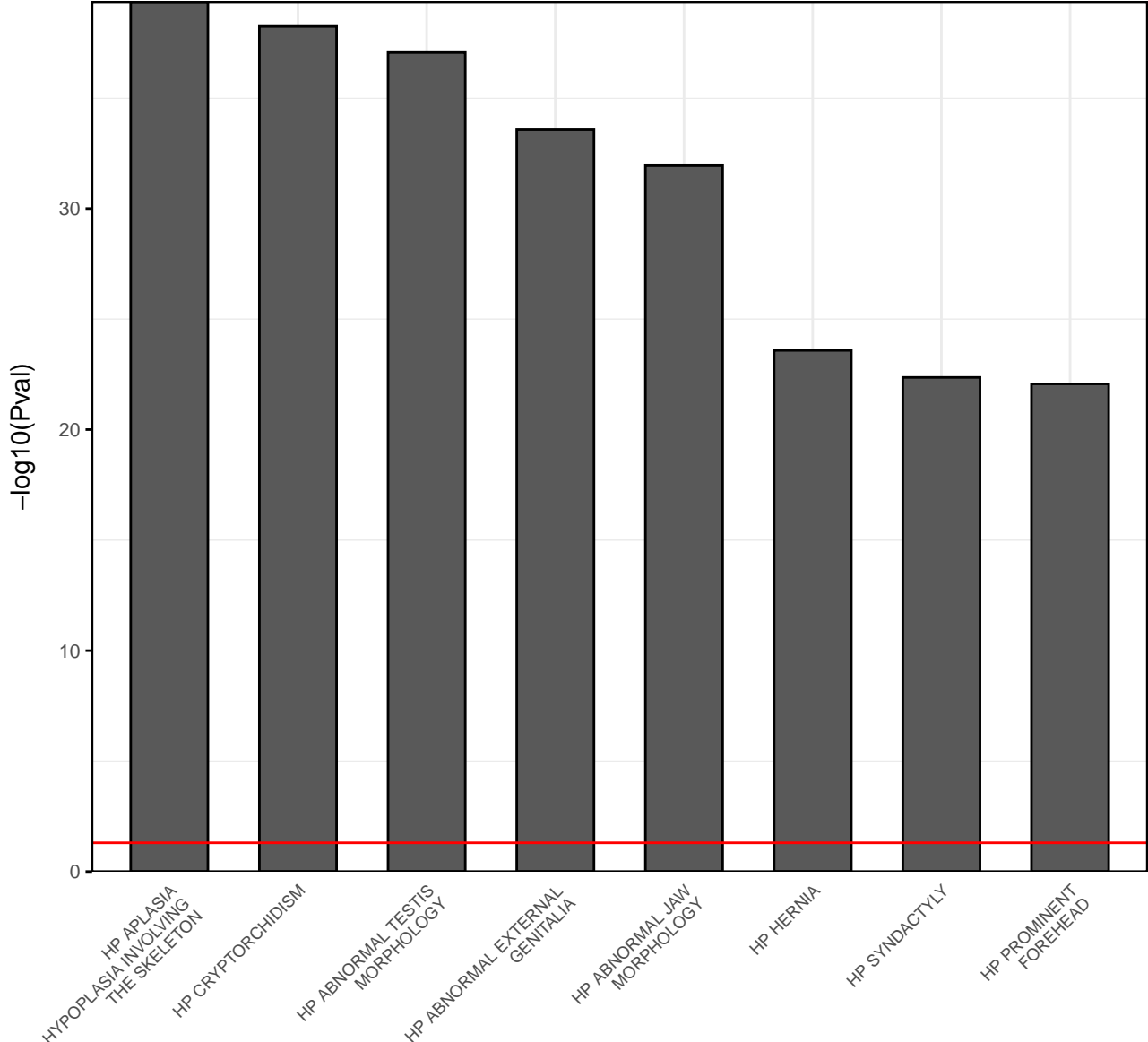
black module
Top 100 by kME

Bicor-None_signum0.66_minSize12_merge_ME_0.85_25509



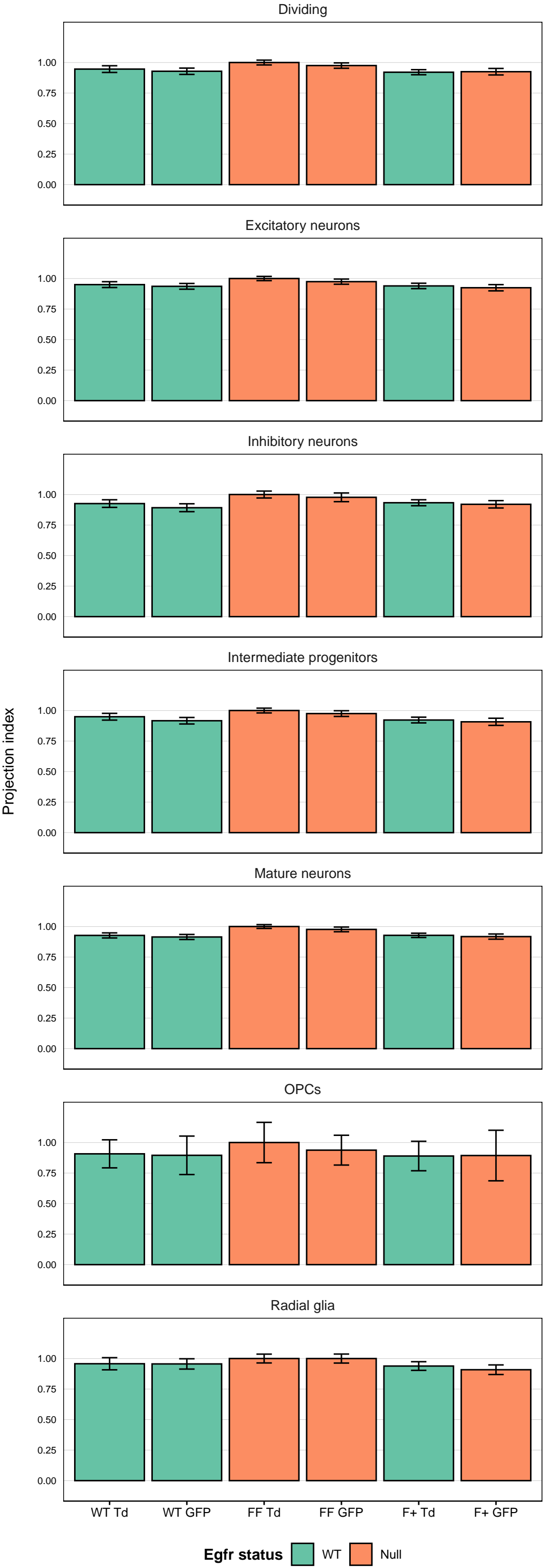
Top genes by kME

- Zfp142
- Gon4l
- Pum1
- Ncor1
- Cnot1
- Ankrd17
- Gatad2b
- Arid2
- Ambra1
- Hectd1
- Cdk5rap2
- Ranbp2
- Asxl2
- Kmt5b
- Atg2b
- Lrp6
- Mecp2
- Pogz
- Sf3a1
- Anapc1



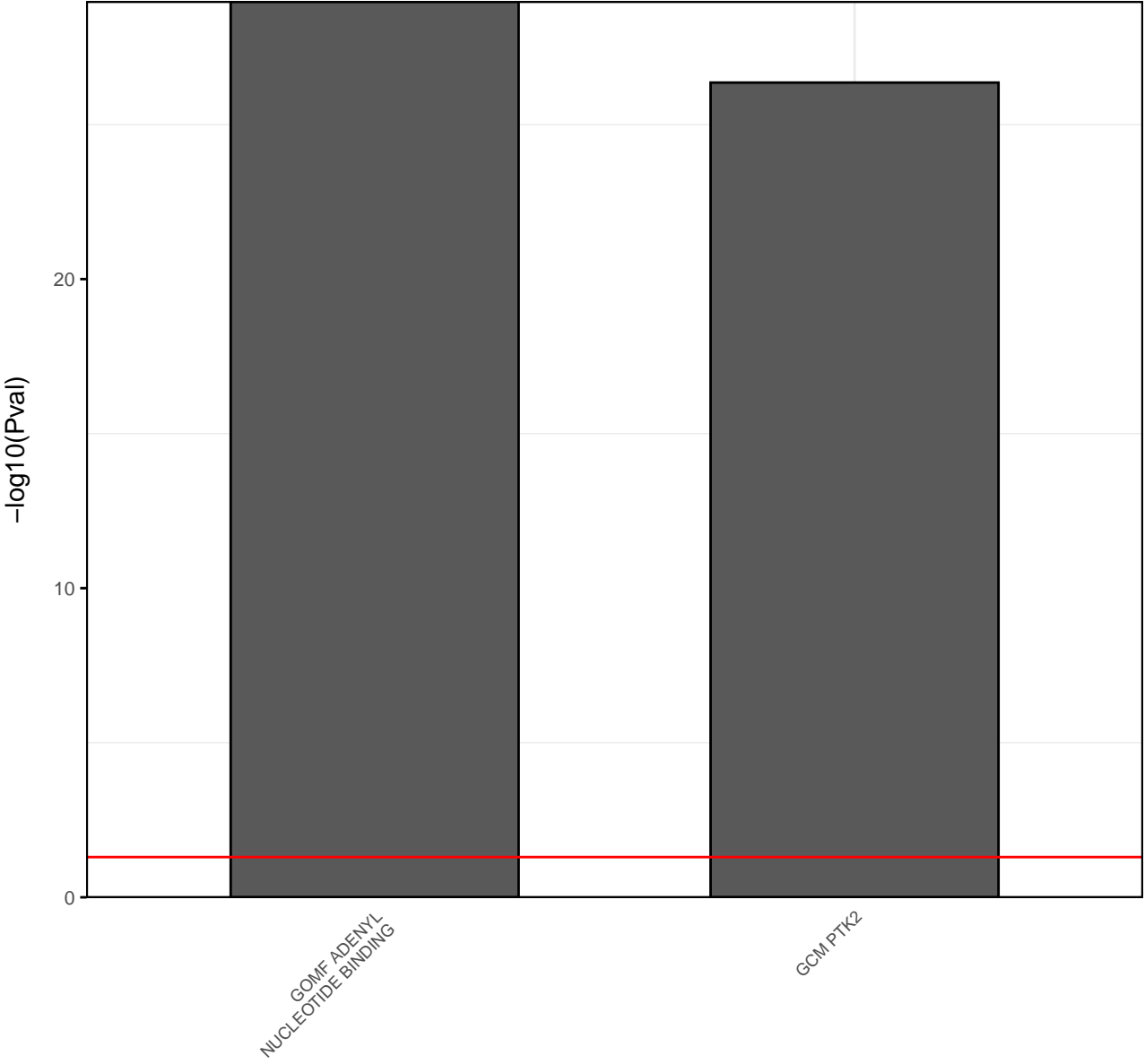
blue module
Top 100 by kME

Bicor-None_signum0.66_minSize12_merge_ME_0.85_25509



Top genes by kME

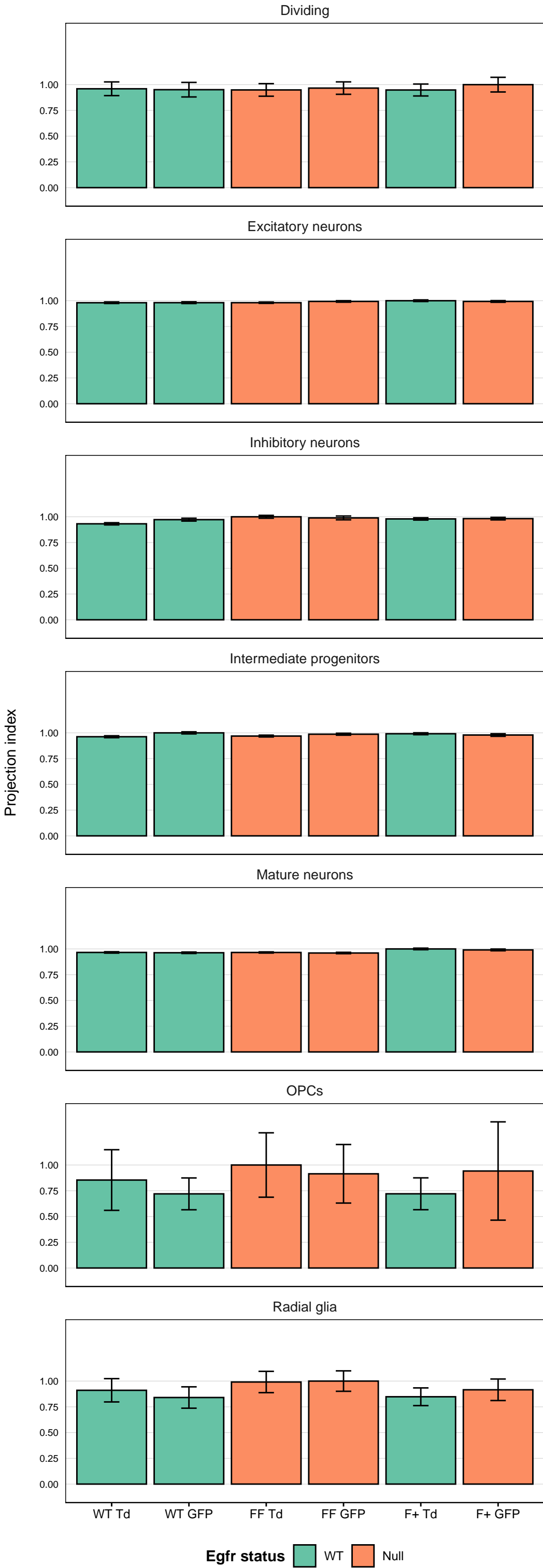
Gm20501
Arg2
Gm5493
Gadd45g
Gm39469
Neurod4
Acss2
Scarf2
Six4
Gm28323
Zswim3
Neurog2
Sema3c
Rnf135
Pik3ip1
Ccdc142os
Al837181
Zfp78
St8sia3os
Mab2112



green module

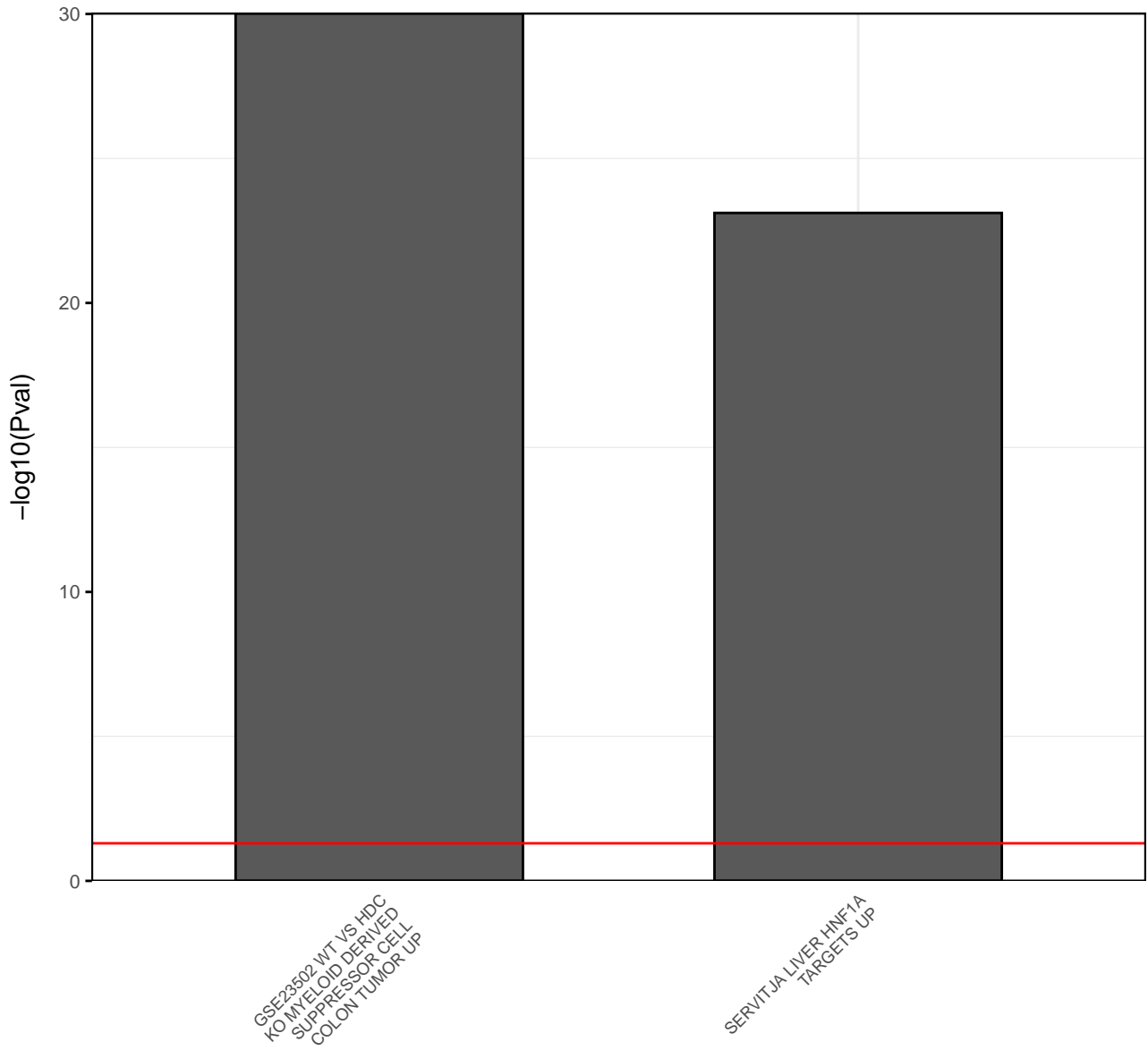
Top 100 by kME

Bicor-None_signum0.66_minSize12_merge_ME_0.85_25509



Top genes by kME

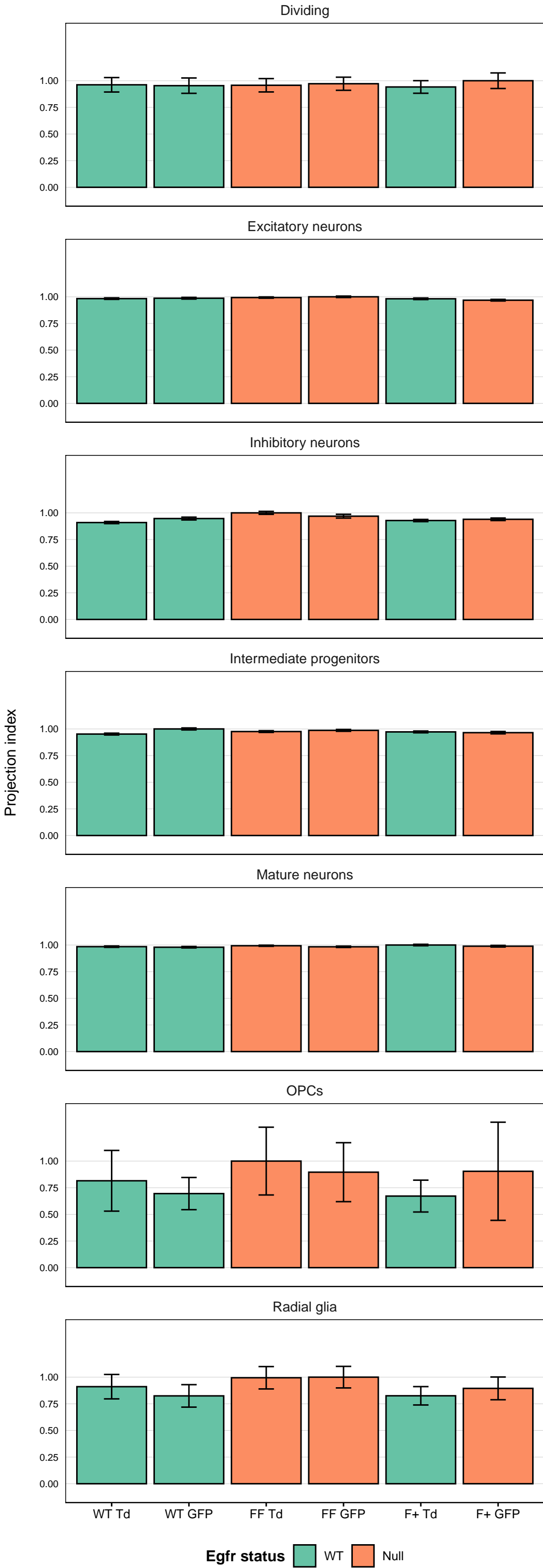
Gm37768
Gm17167
Apobec1
Ppm1m
Emilin1
Milr1
Gm50138
Pnpo
Airn
Gm31812
St8sia3os
Gm47920
Naglu
Igsf6
Pkib
Gm20125
Lrrc29
Gm10561
Kihl10
4930517E14Rik



black module

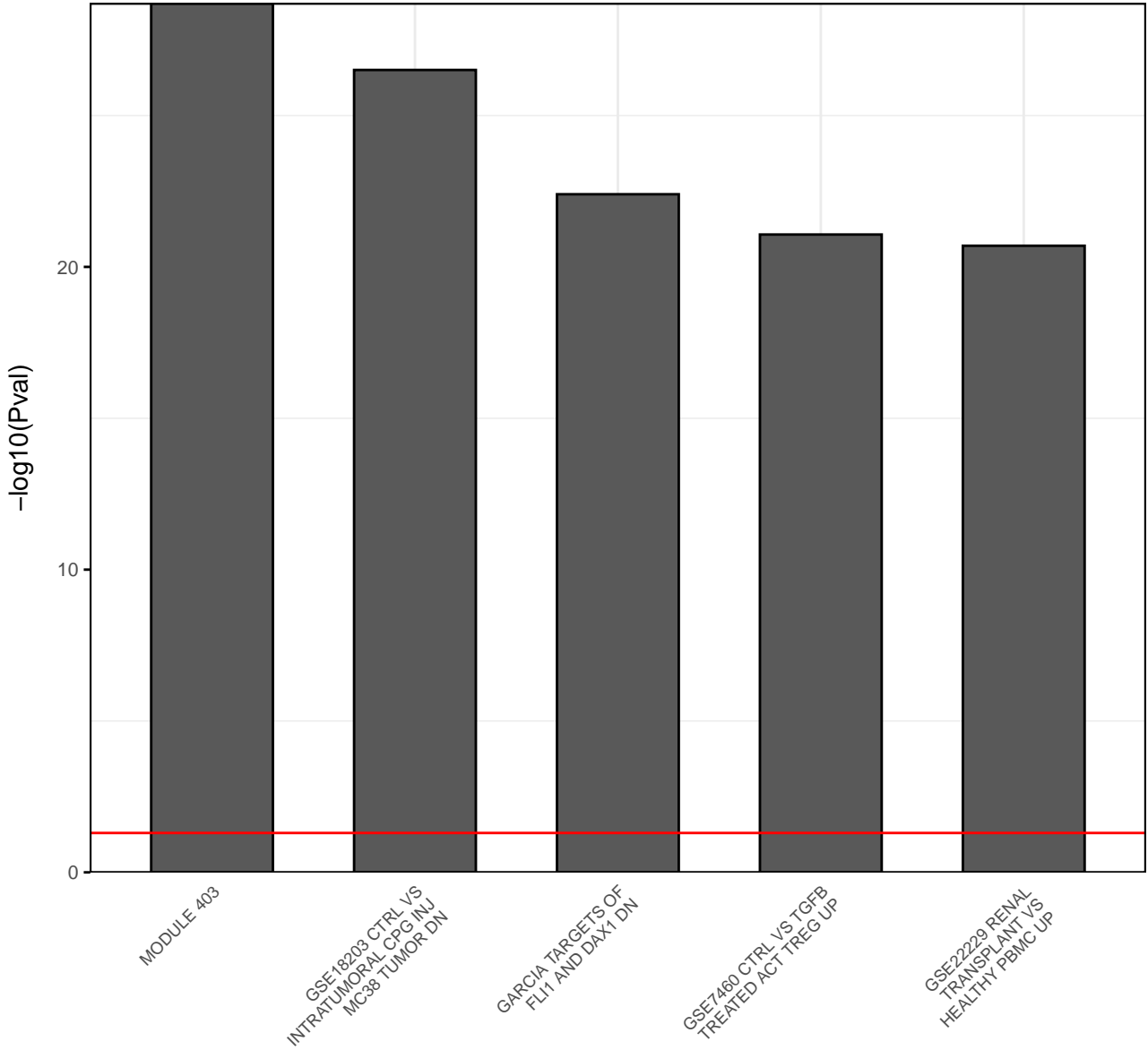
Top 100 by kME

Bicor-None_signum0.627_minSize20_merge_ME_0.85_25509

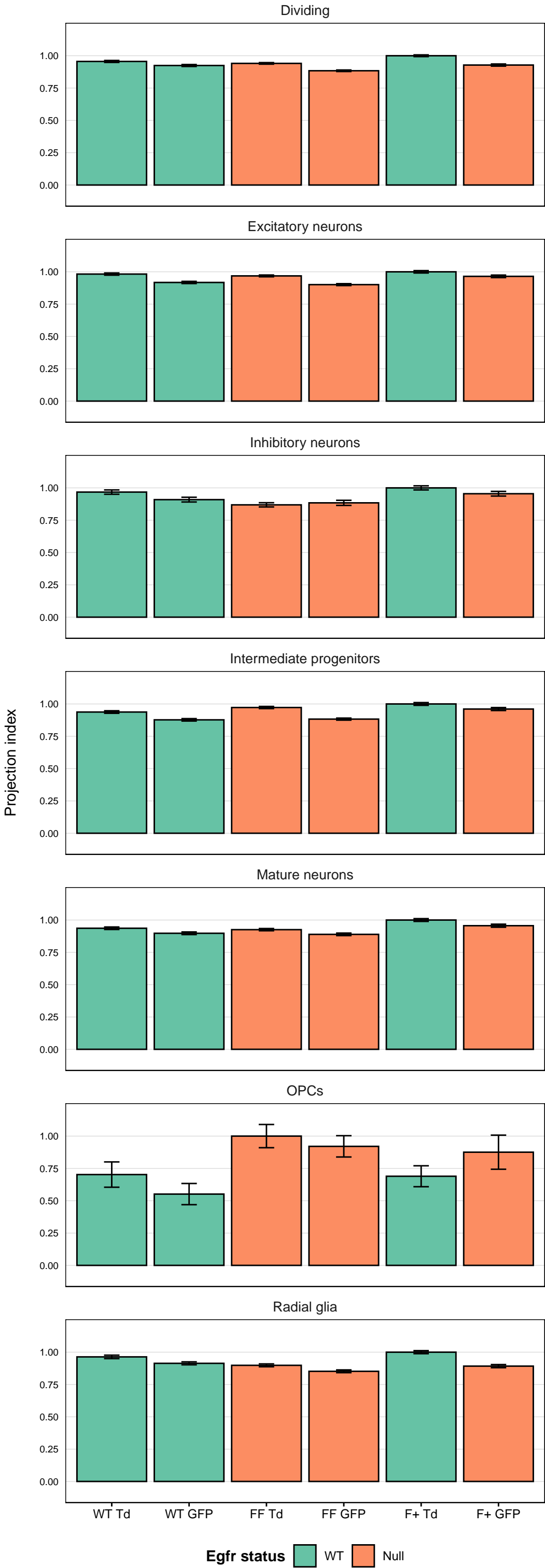


Top genes by kME

Cdca2
Racgap1
Rfwd3
Tank
Ccna2
Mcm3
Ect2
Smc2
Nusap1
Exo1
E2f8
Tpx2
Mcm2
Paics
Kif2c
Rrm2
Tacc3
Kif11
Lig1
Clic4

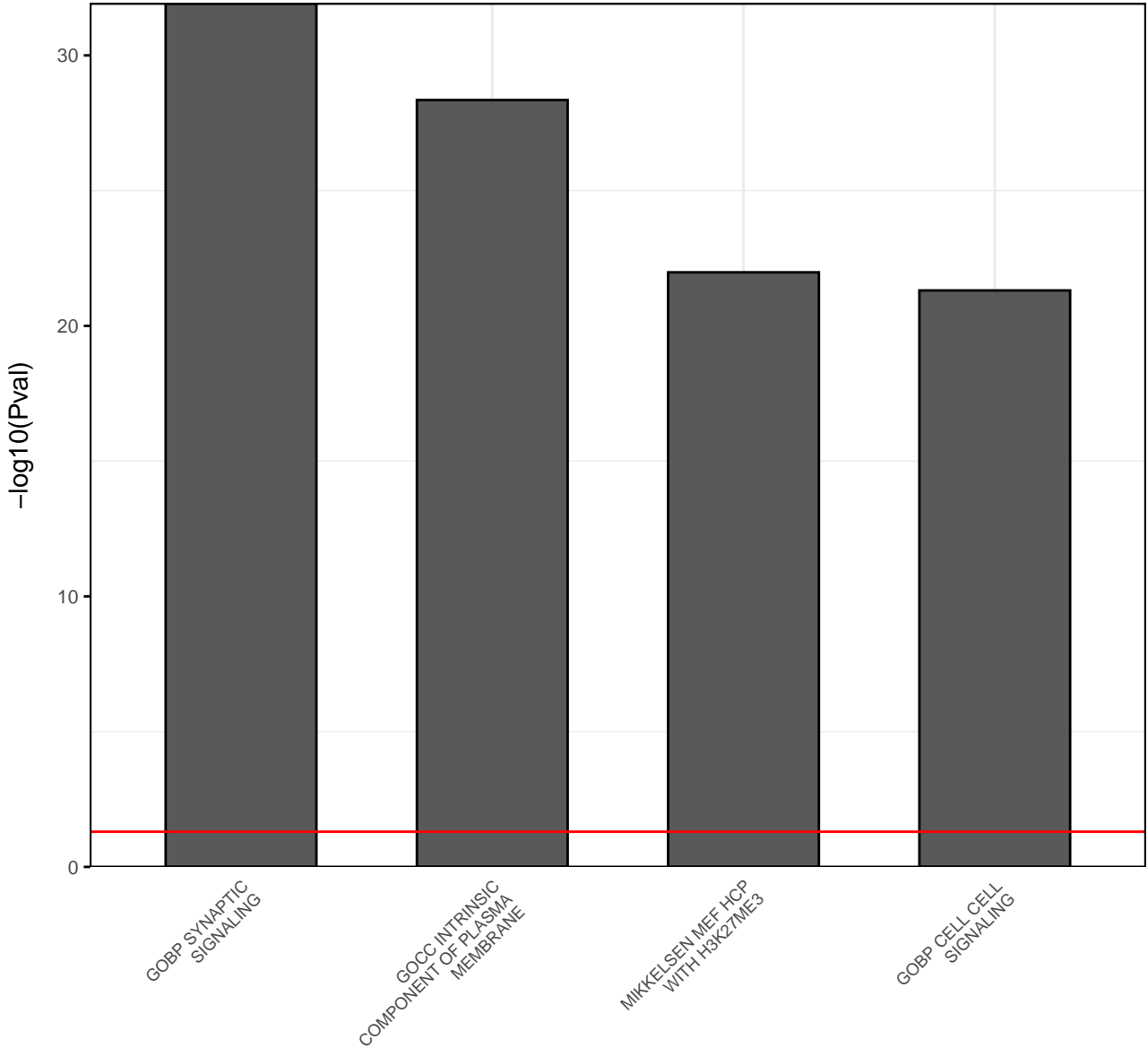


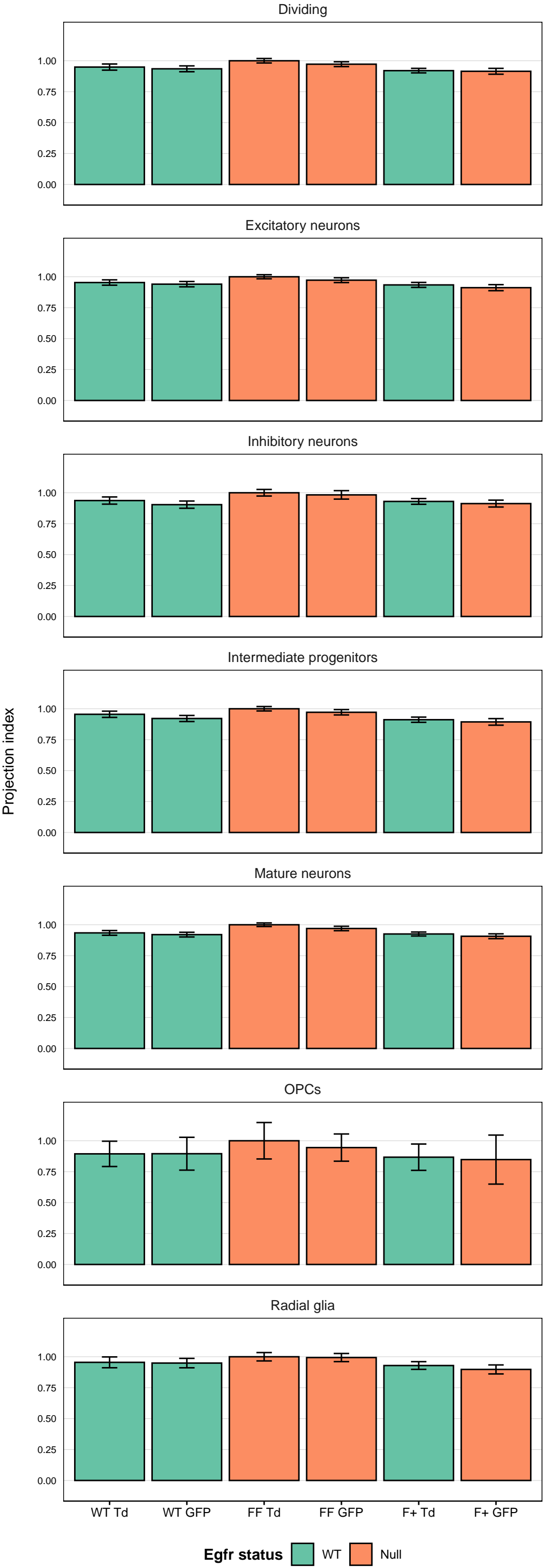
midnightblue module
Top 100 by kME
Bicor-None_signum0.627_minSize20_merge_ME_0.85_25509



Top genes by kME

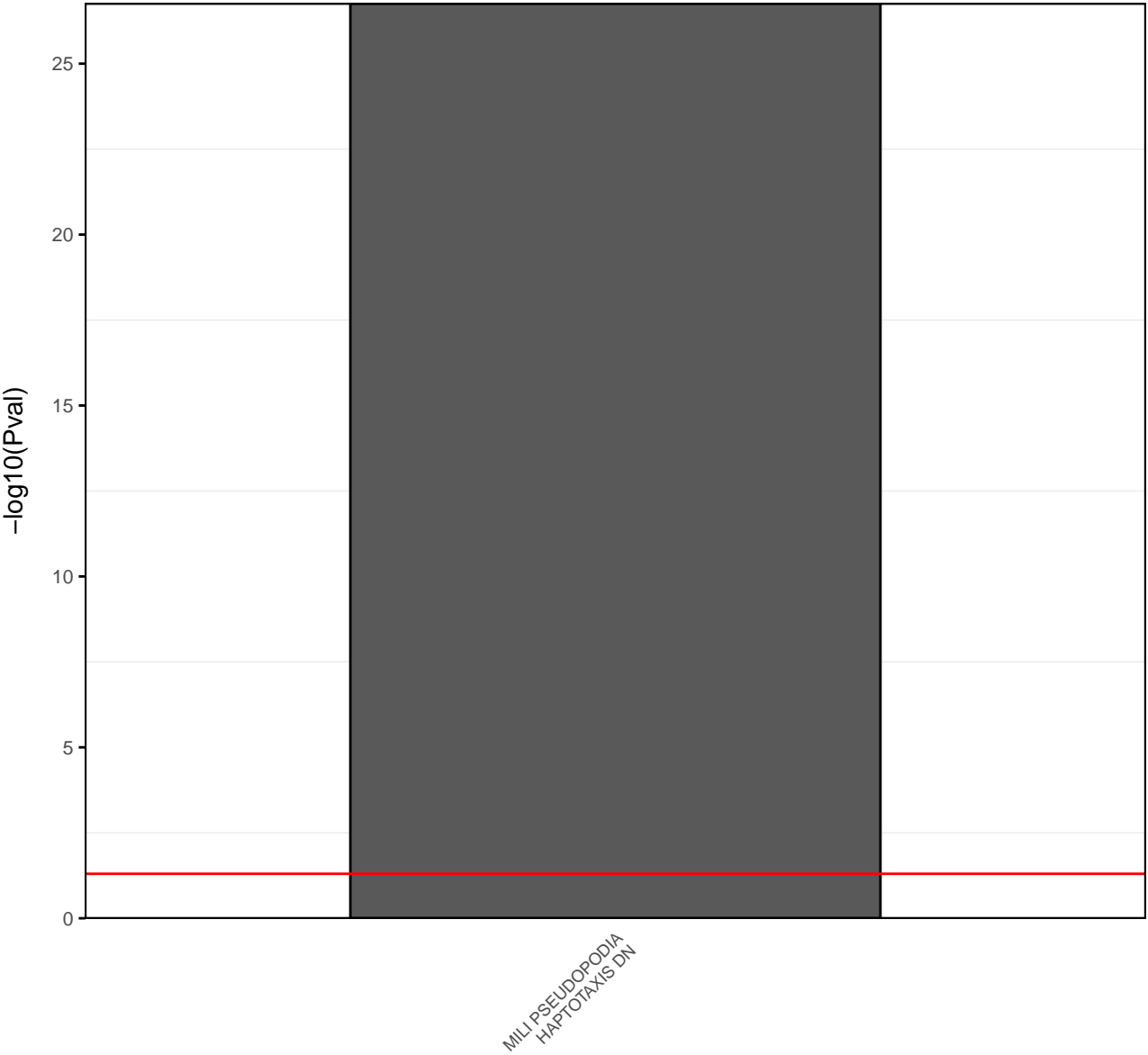
Shank3
Syt1
Grin1
Gria1
Cadm1
Syt5
Arhgap20
Lingo2
Gabbrb2
Agap2
Wipf3
Fcho1
Shank1
Arhgap23
Pak6
Grid1
Arxes1
Ica1l
Jph3
Dmtn



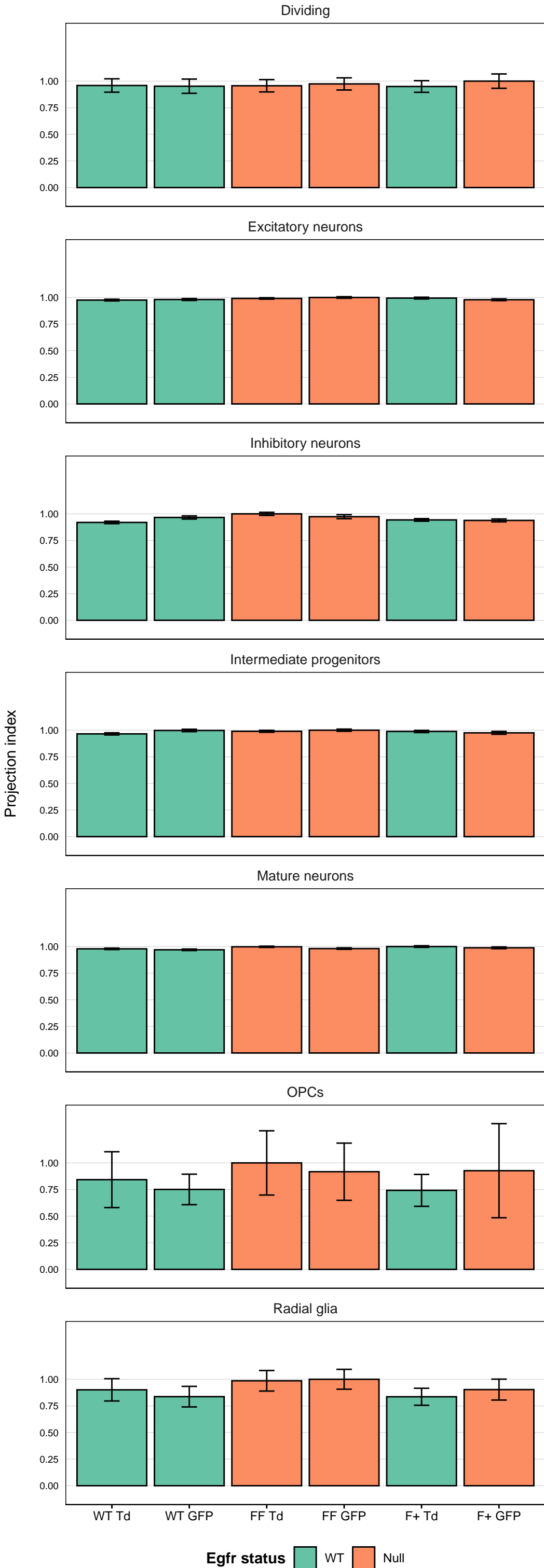


Top genes by kME

Morc2a
Gpr161
Esyt2
Uba1
Pcgf2
St8sia2
Ttc3
Elavl3
Chd3
Pafah1b1
Plxnb1
Rufy3
Rps6ka3
Slc39a6
Pcyt1b
Atrn
Ssh1
Dlgap4
Tmx2
Pcmt1d

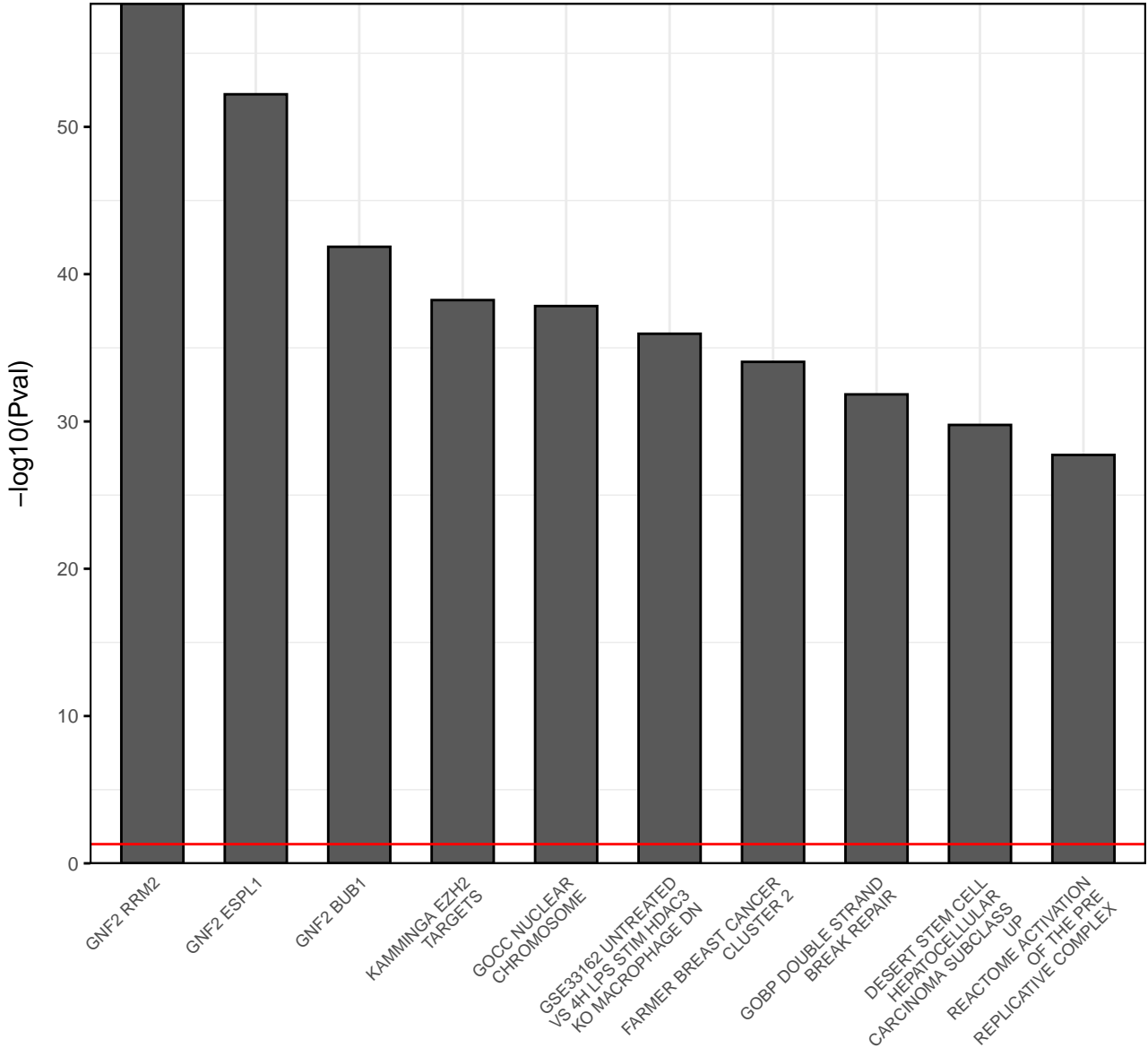


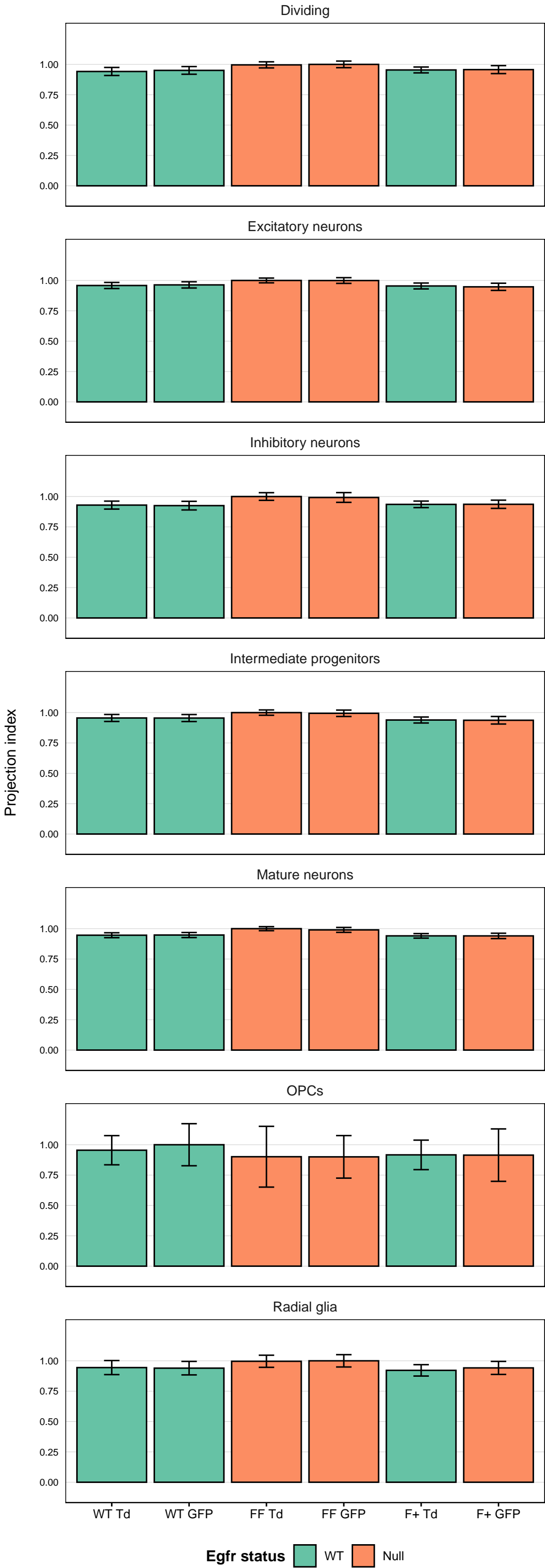
red module
Top 100 by kME
Bicor-None_signum0.698_minSize12_merge_ME_0.85_25509



Top genes by kME

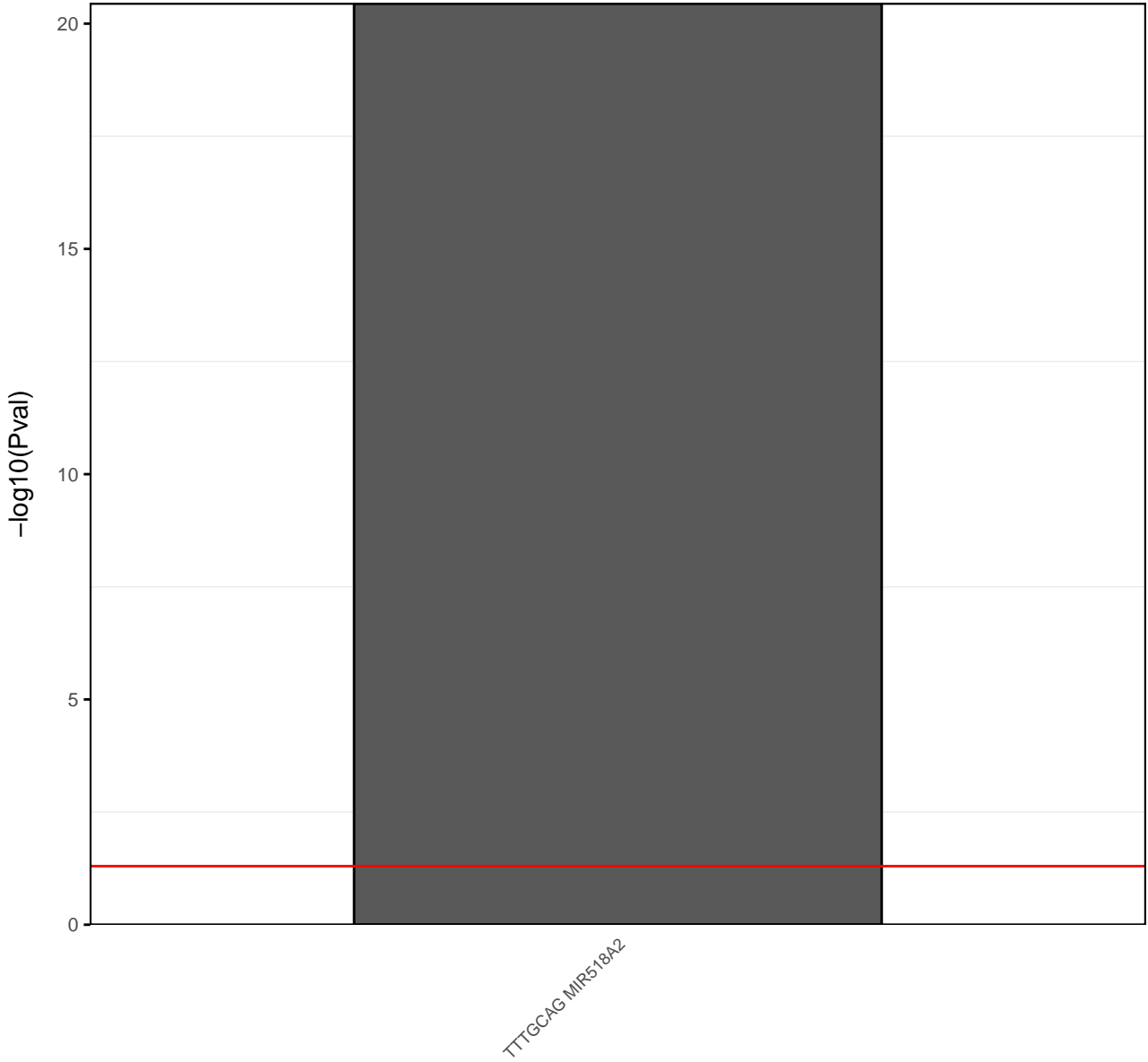
Rrm2
Racgap1
Lig1
Foxm1
Incenp
Rfwd3
Kif11
Cdca2
Tmpo
Smc2
Rrm1
Kif4
Clic4
Smc5
Kif23
Chaf1a
Ect2
Mcm3
Top2a
Paics

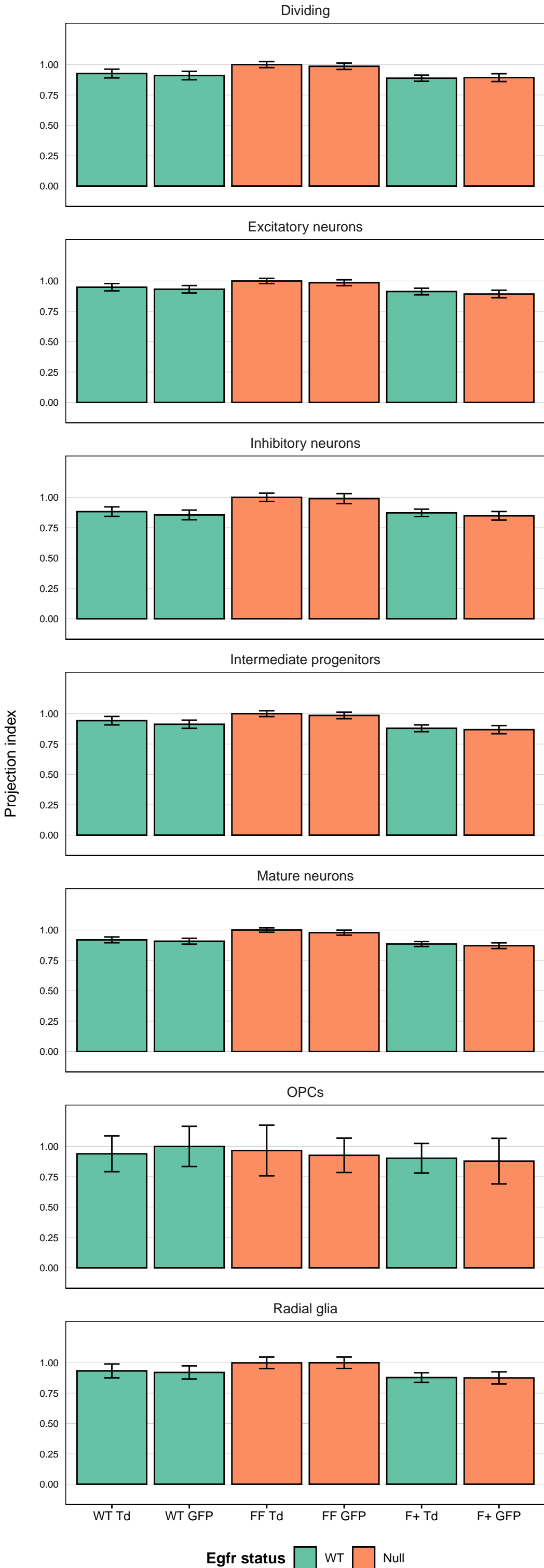




Top genes by kME

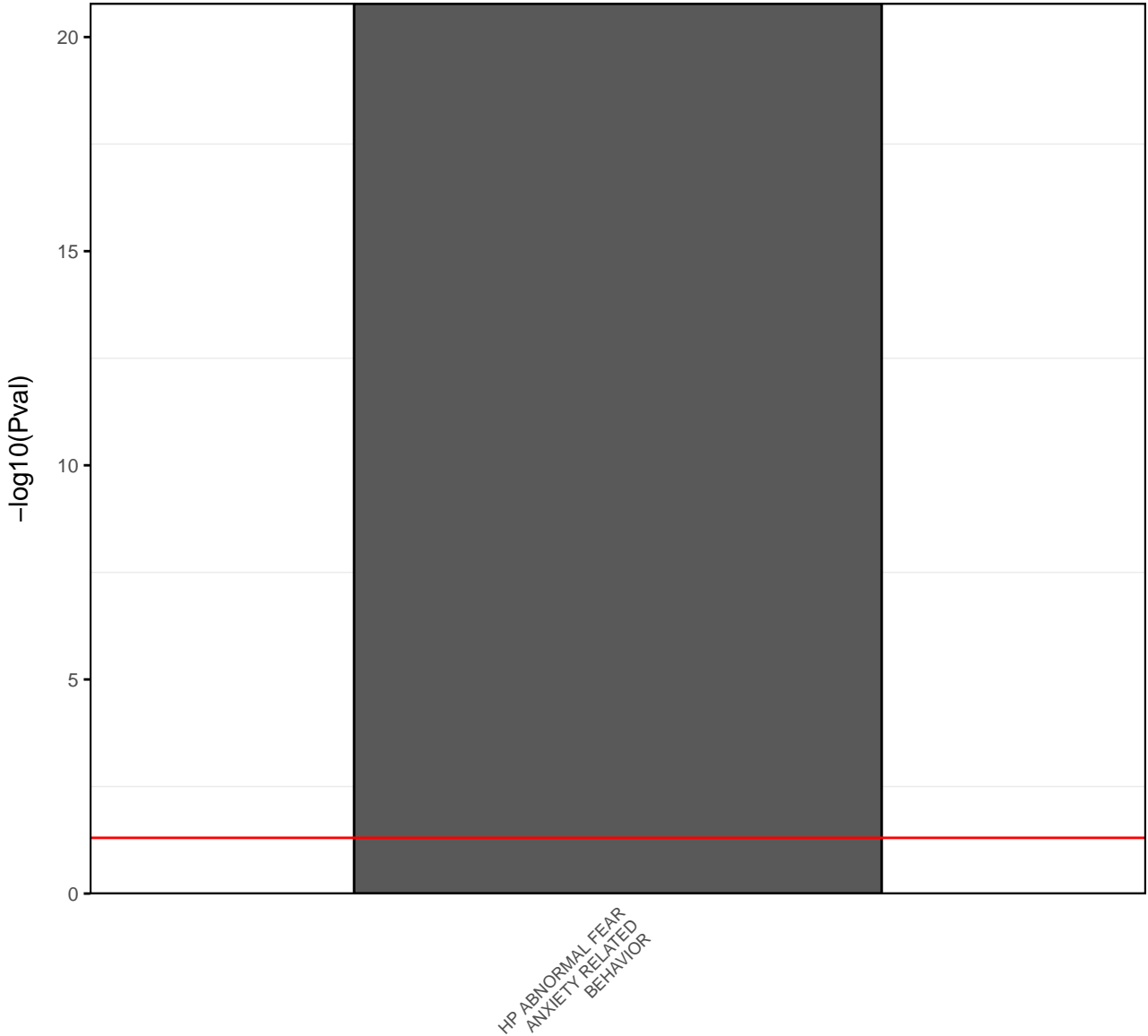
Cul5
Pds5a
Kpnb1
Msh2
Arhgef2
Mbtd1
Zfx
Fam98b
Peli1
Smarcc1
Mapk1ip1l
Wac
Dhx9
Parp1
Sf3b2
Ctcf
Hnrnpu
Ddx46
G3bp1
Hnrnpr

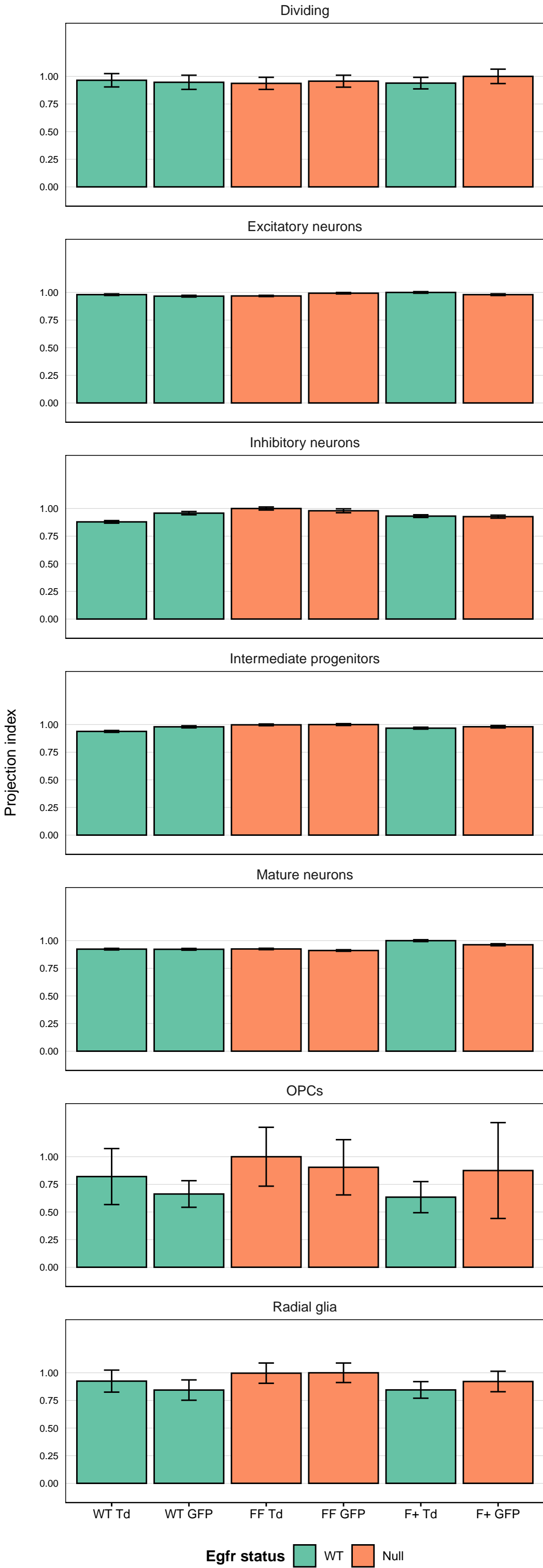




Top genes by kME

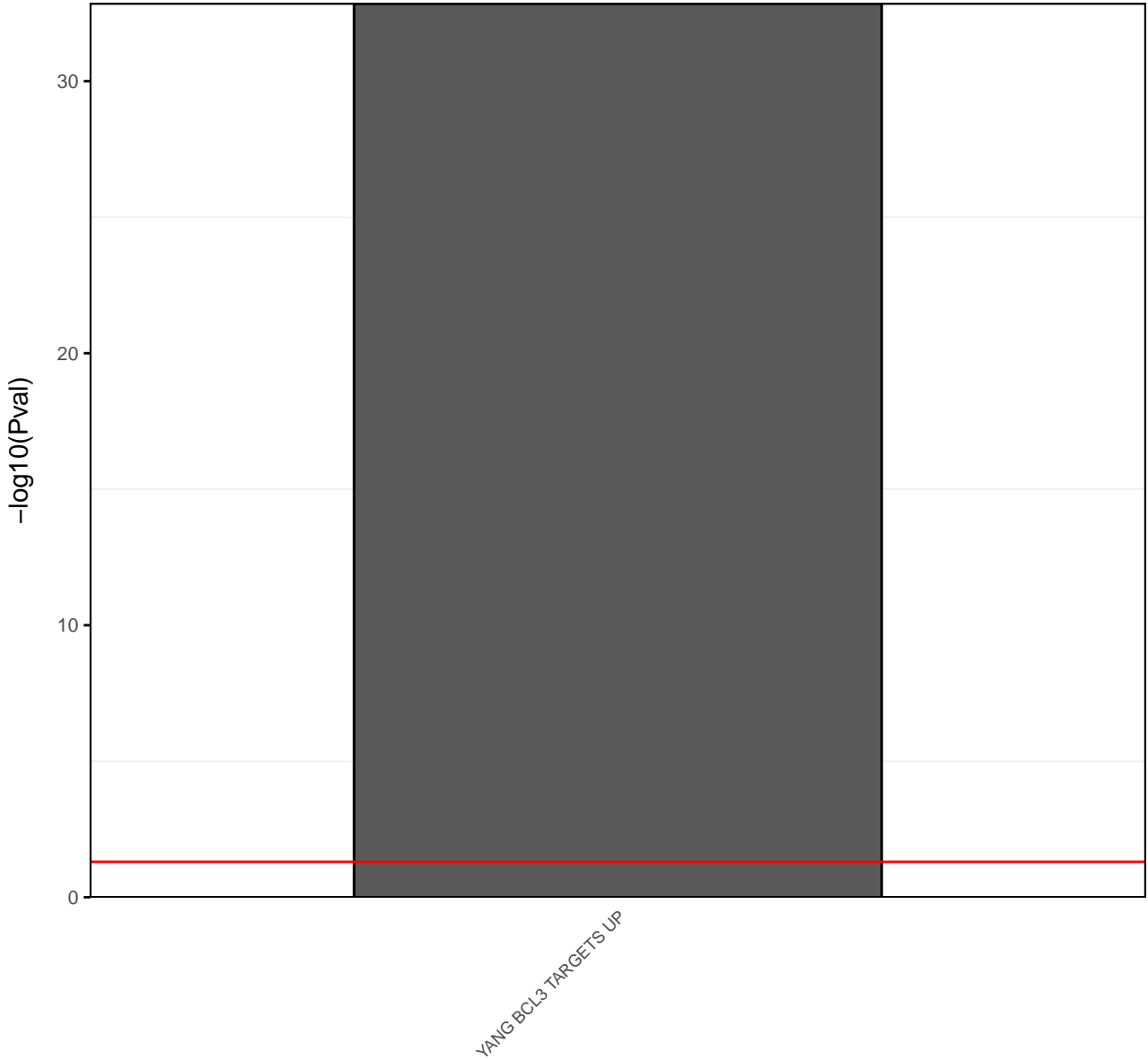
Pttg1
 Nmr1a1
 Eif2s3y
 Zfand4
 2310058D17Rik
 Rpusd3
 Ddx3y
 Cirbp
 Rab1b
 Adamts4
 4930540M05Rik
 Exo5
 Gm50203
 Gm20075
 Spa17
 Lyplal1
 Xpnpep1
 Mrps18a
 Ascl4
 Osgep



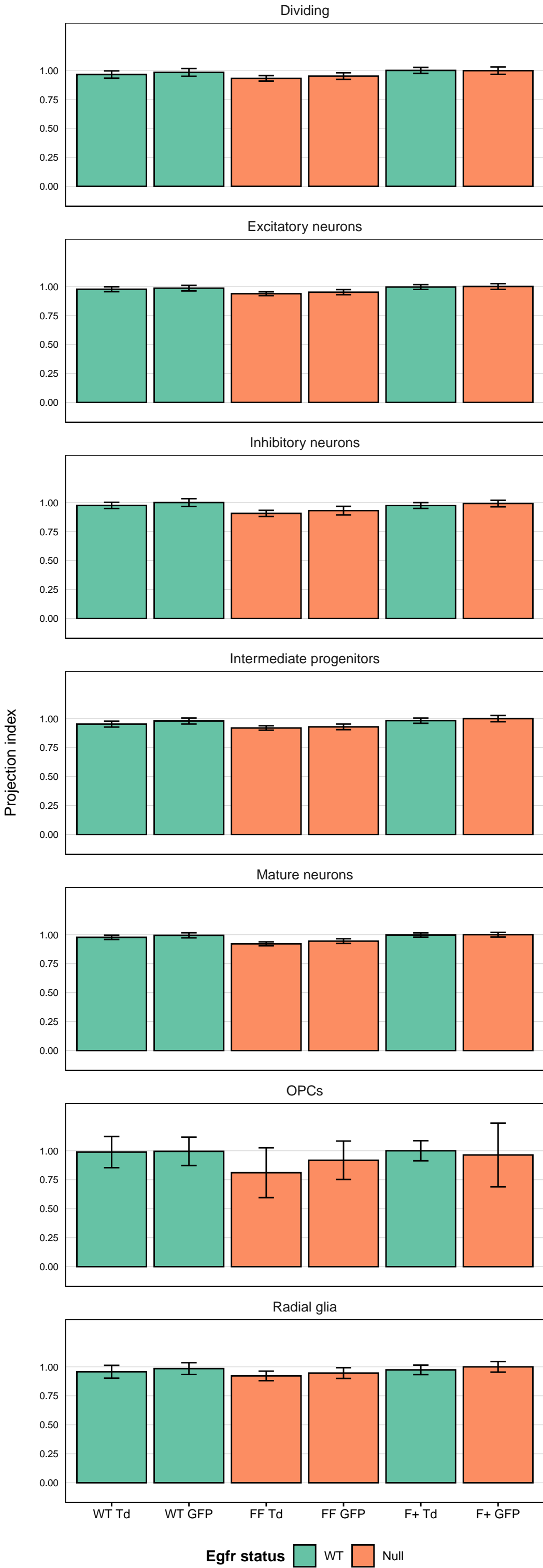


Top genes by kME

B430010I23Rik
Zfp85
Kcne1l
Tmem253
Gm48780
Gpank1
Acaa2
Frmd8
Gm17655
D17H6S53E
Ppfibp2
Aga
Gm16153
5930430L01Rik
Kctd12b
0610009E02Rik
Gm5441
Gm31105
Cox20
Wdr5b

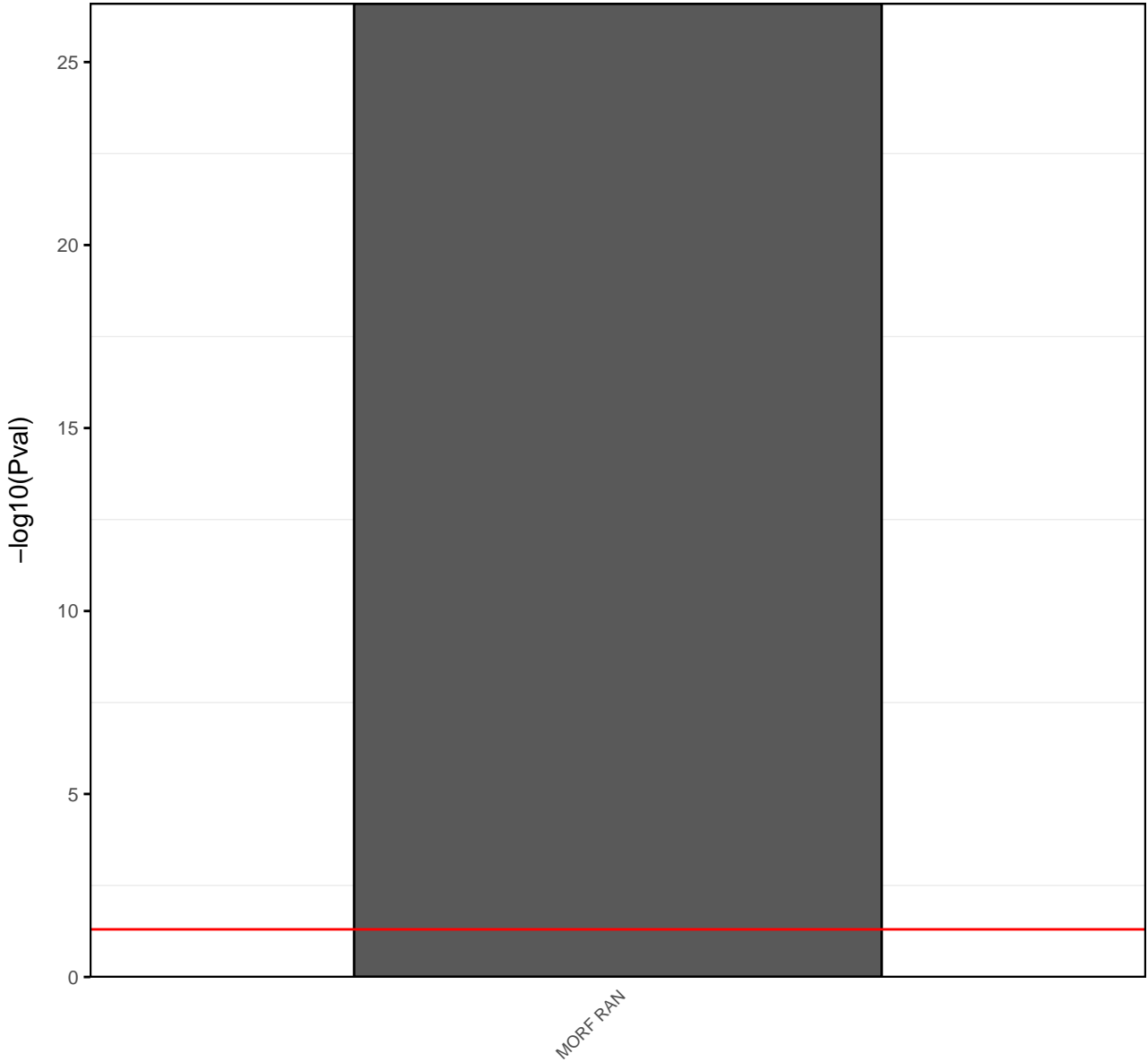


thistle2 module
Top 100 by kME
Bicor-None_signum0.746_minSize15_merge_ME_0.85_25509



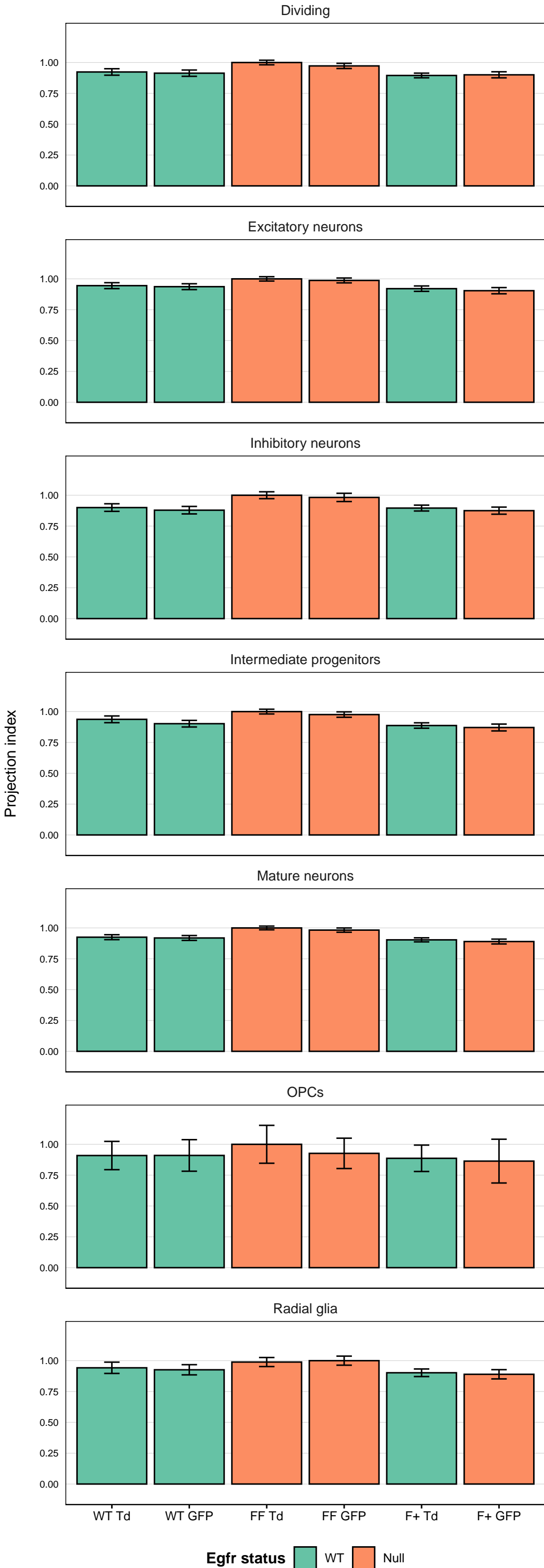
Top genes by kME

Ruvbl1
Erh
Impdh2
Sf3b6
Psmb2
Cacybp
Utp18
Zfp7
Ier3ip1
Suclg1
Gtf2e2
Psmc6
Snx4
Psmc14
Polr1e
Polr2g
Cct3
Ccz1
Nudcd1
Taf12



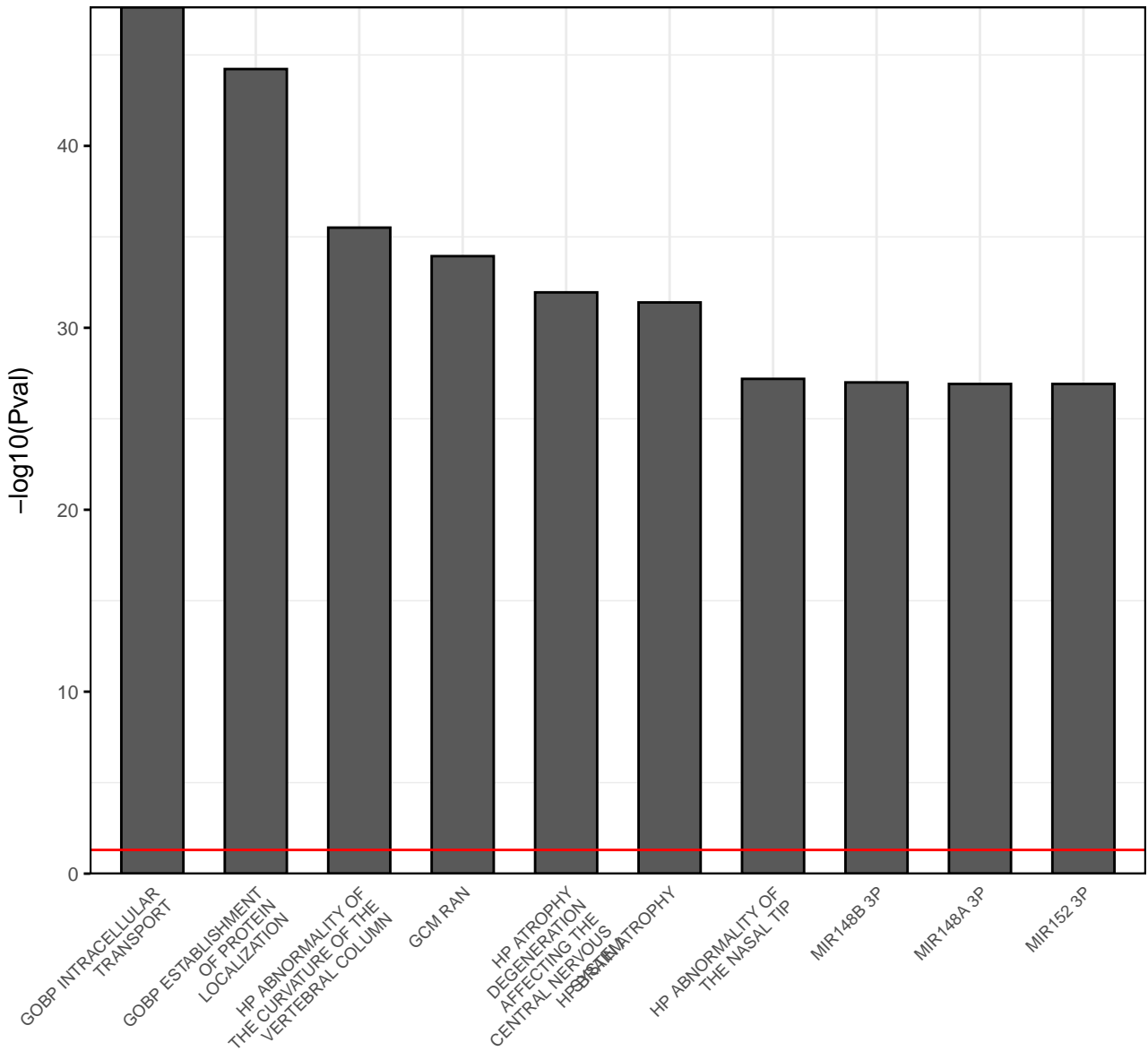
blue module
Top 100 by kME

Bicor=None_signum0.746_minSize10_merge_ME_0.85_25509

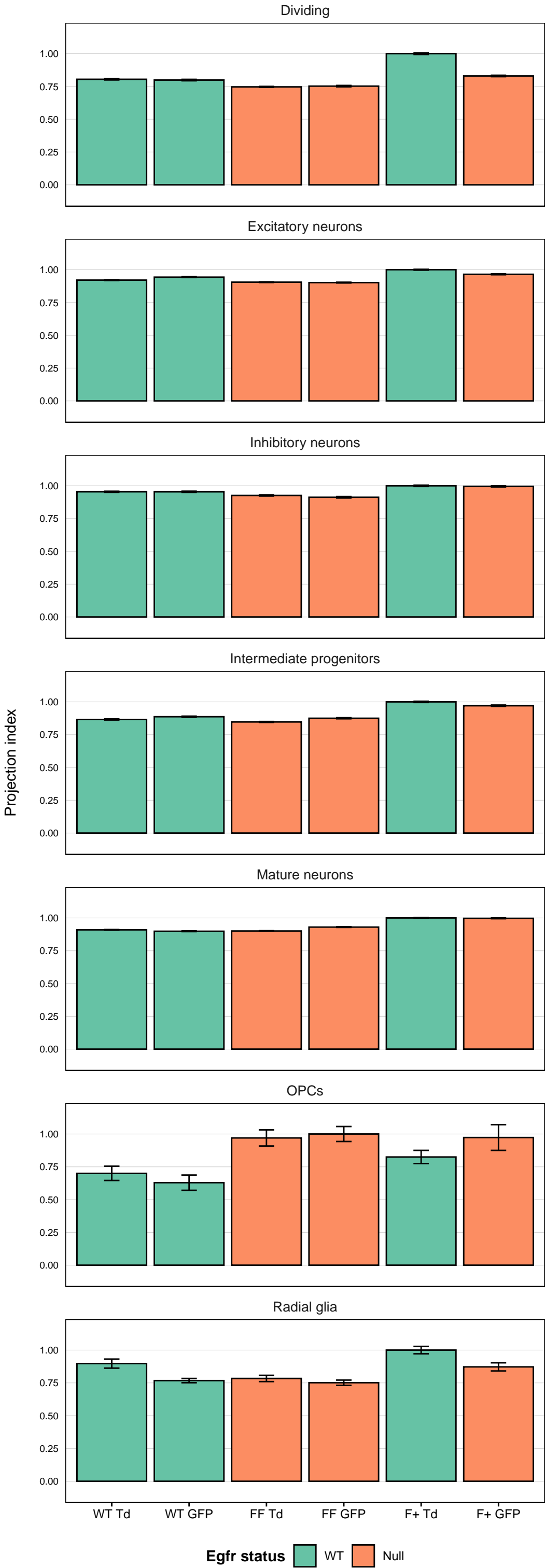


Top genes by kME

Gm37748
Rnf207
Spaca9
Gm9530
Gm15283
Gm43154
Gm26691
Gm35256
Ppp2r3d
Gm42829
A330041J22Rik
Gm45311
Grb14
Mrm1
9230116L04Rik
Sema3e
Ahrr
Gm48045
6530403H02Rik
Gm11772

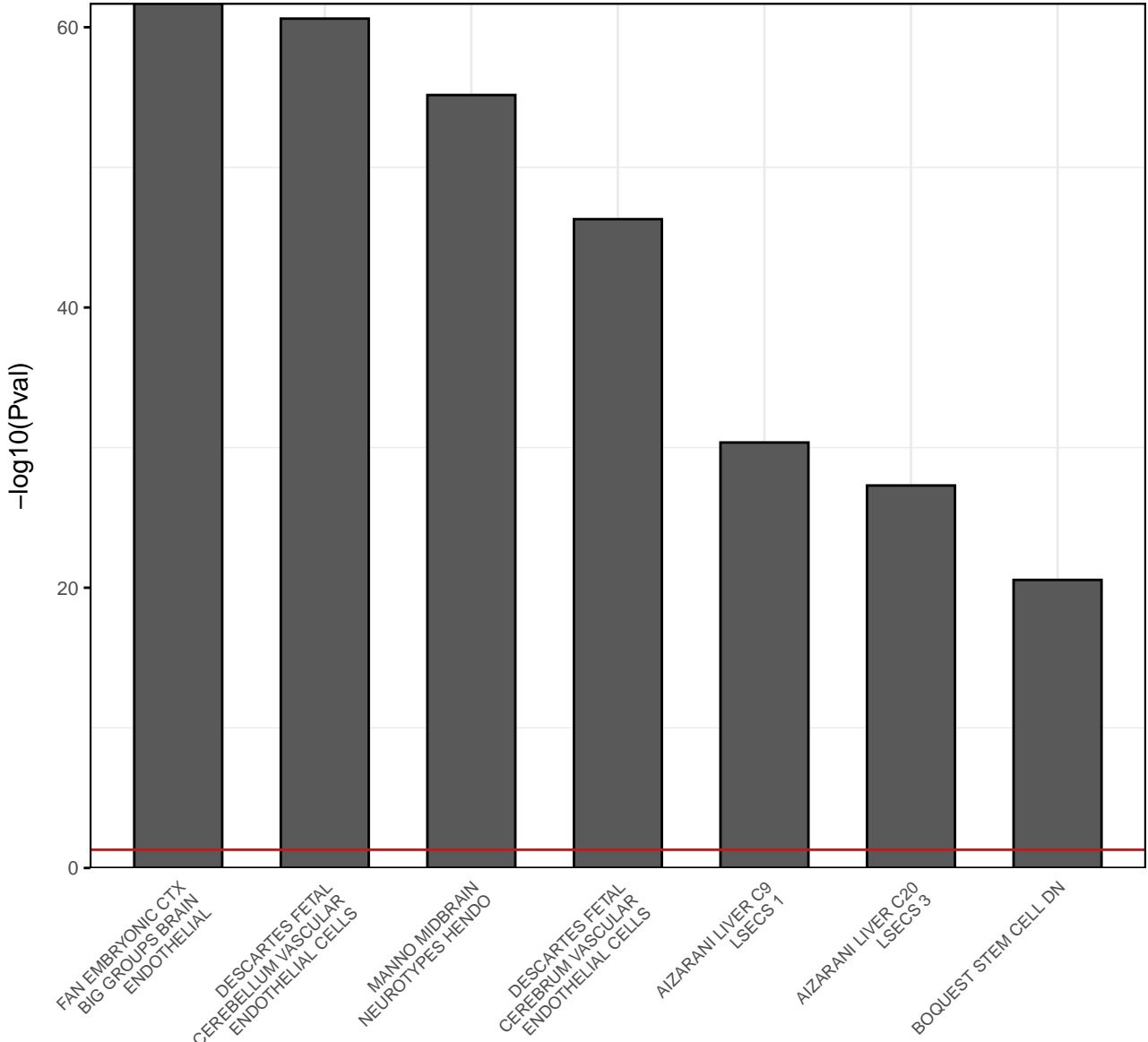


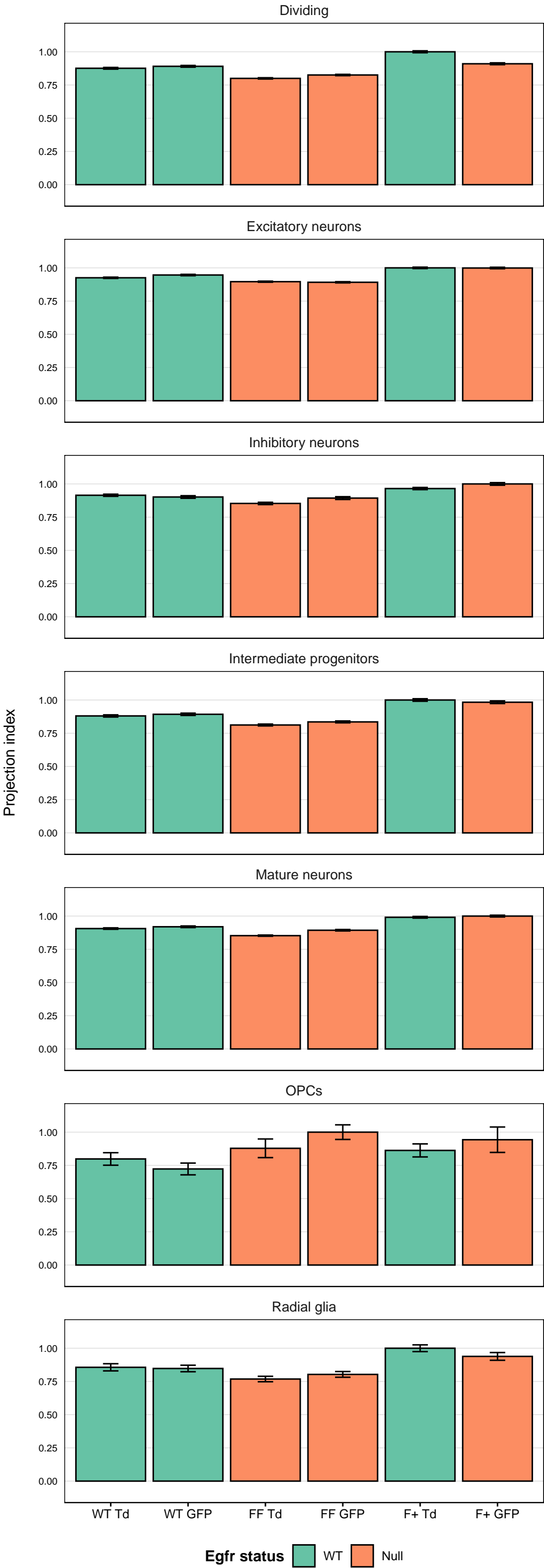
darkmagenta module
Top 100 by kME
Bicor-None_signum0.746_minSize10_merge_ME_0.85_25509



Top genes by kME

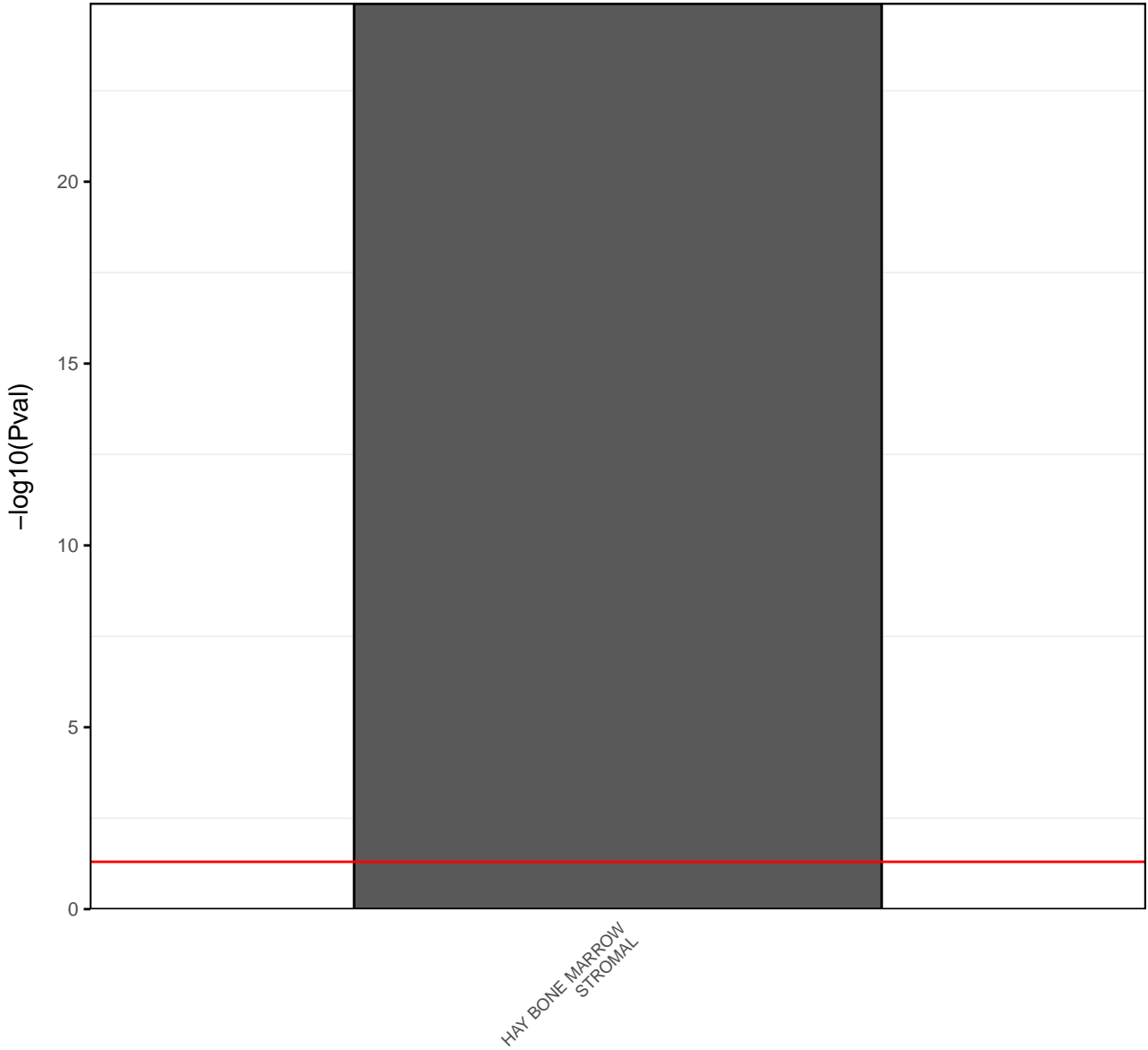
Mmrn2
Col4a1
Vwa1
Nid1
Ccgc141
Rhoj
B3gnt2
Gatm
Nid2
Pecam1
Itm2a
Pltp
Dock6
Rgs5
Nos3
Mcam
Tfpi
Cnn2
Slc2a1
Stard13

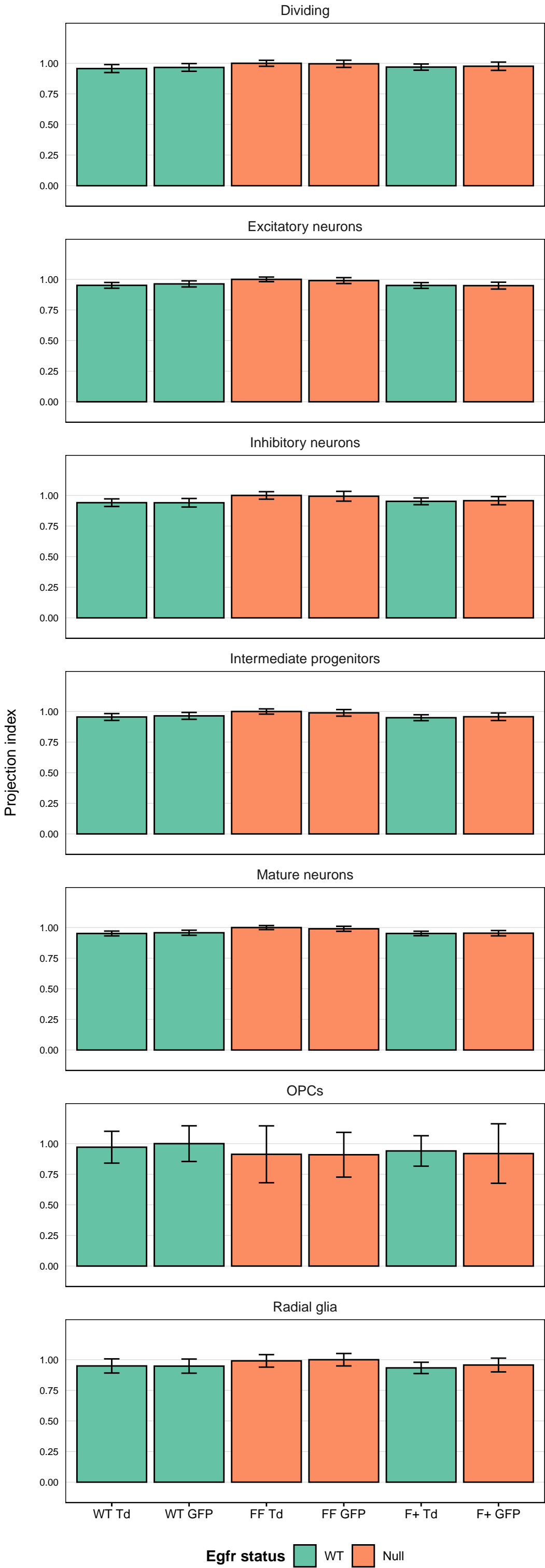




Top genes by kME

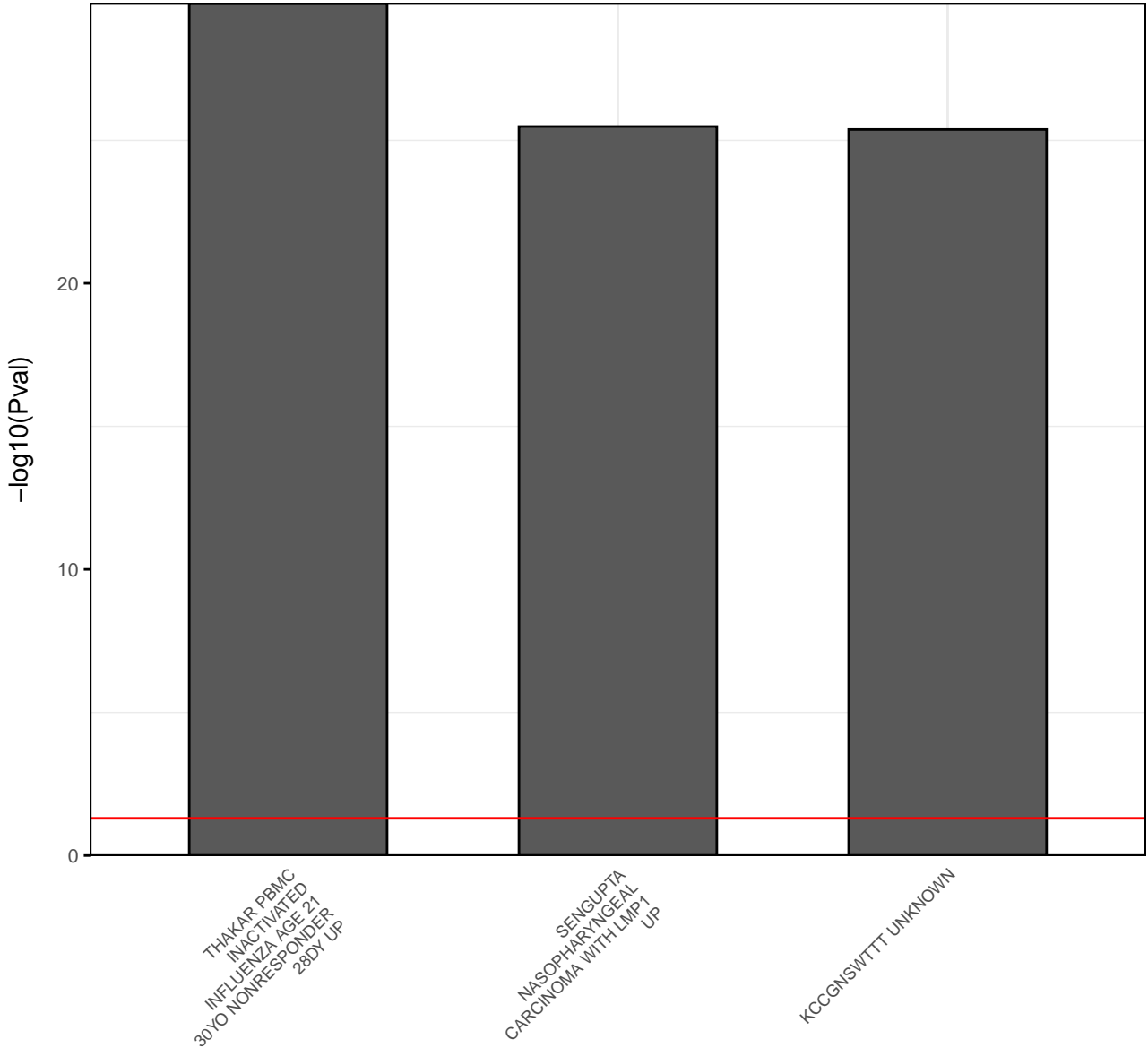
Id3
E330013P04Rik
Prelp
Sned1
Pygl
Creb3l1
Dmrt3
Apcdd1
Gm29521
Gm5089
Necab2
Enpp2
Sp5
Anxa2
Nab2
Lxn
Rhpn1
Cpxm2
Tnfrsf19
Slc39a12



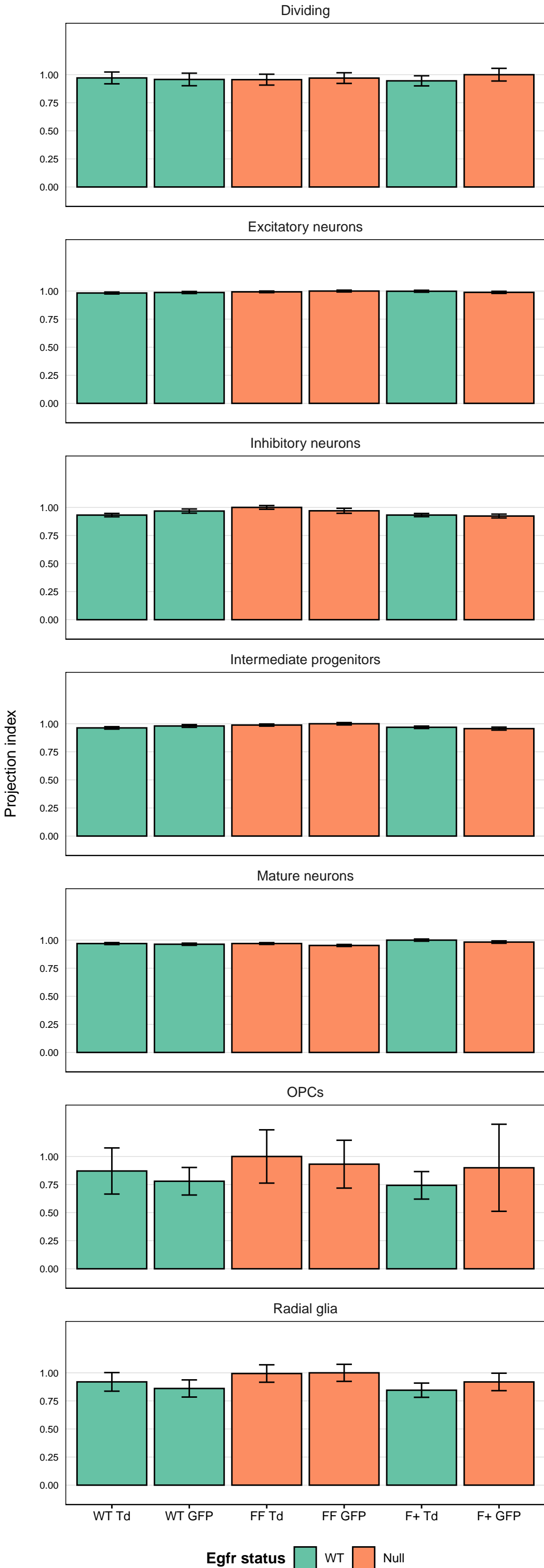


Top genes by kME

Hdac2
Gspt1
Zfp91
Ncbp3
Parp1
Fam98b
Hnrnpa1
Ppm1b
Set
Bzw1
Syncrip
Fbxo38
Ssrp1
Metap2
Map3k7
Hnrnpa2b1
Gdi2
Mia2
G3bp1
Serbp1

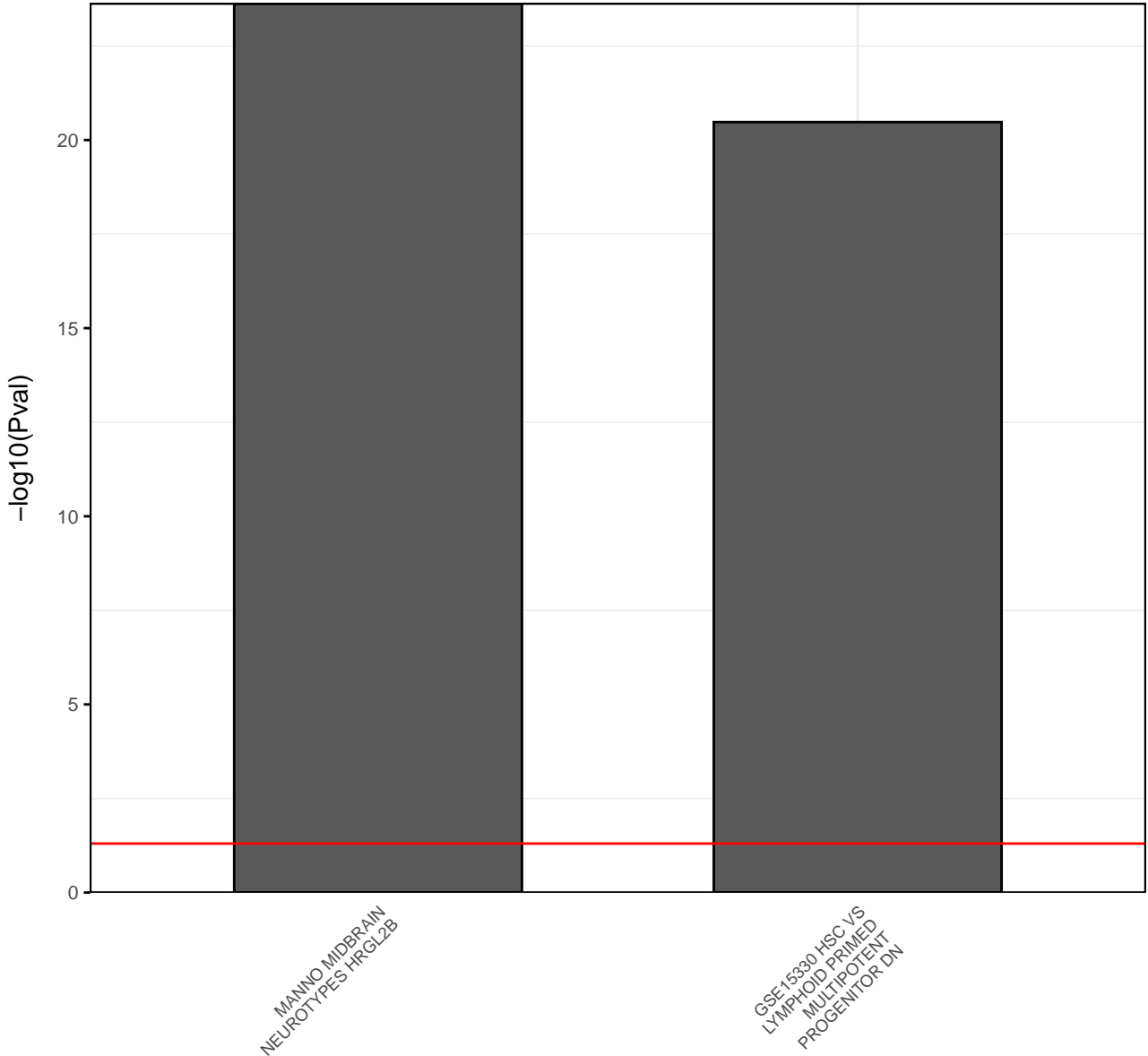


yellow module
Top 100 by kME
Bicor-None_signum0.746_minSize10_merge_ME_0.85_25509

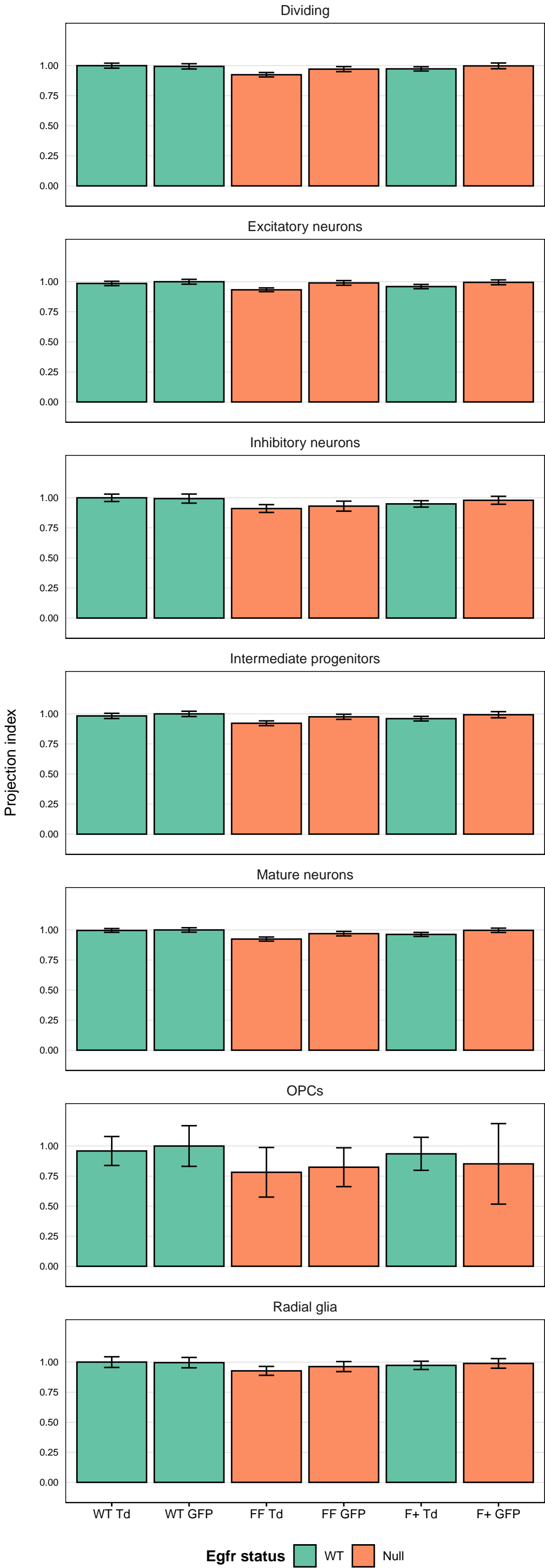


Top genes by kME

Foxm1
Rrm2
Kntc1
Anp32b
Fancd2
E2f7
Racgap1
Lig1
Kif11
Lhcgr
S100bbp
Top2a
Tmpo
Nuf2
Igf2bp2
Nek2
Cdt1
Hmga1b
Smc2
Incenp

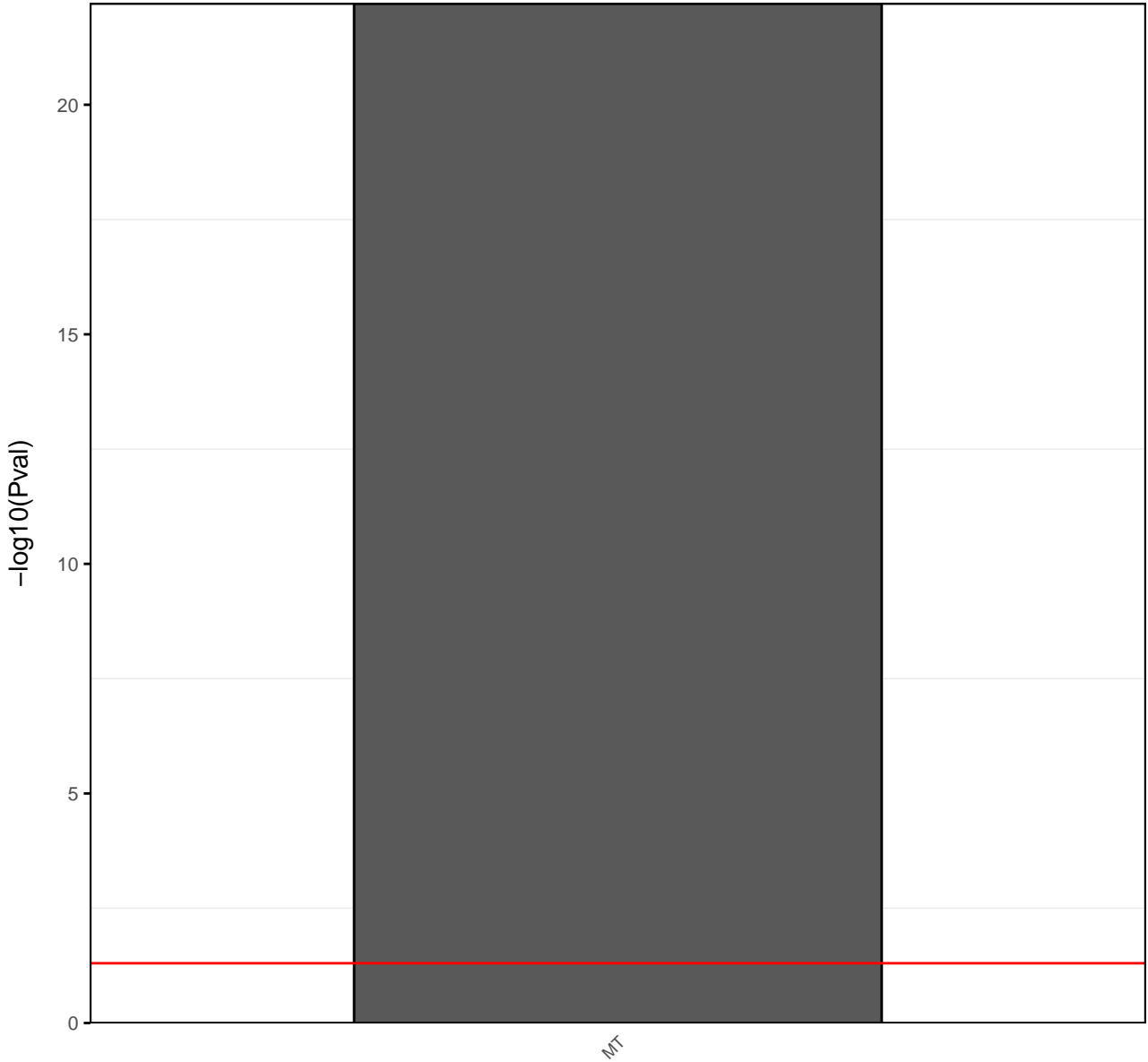


cyan module
Top 100 by kME
Bicor-None_signum0.807_minSize20_merge_ME_0.85_25509

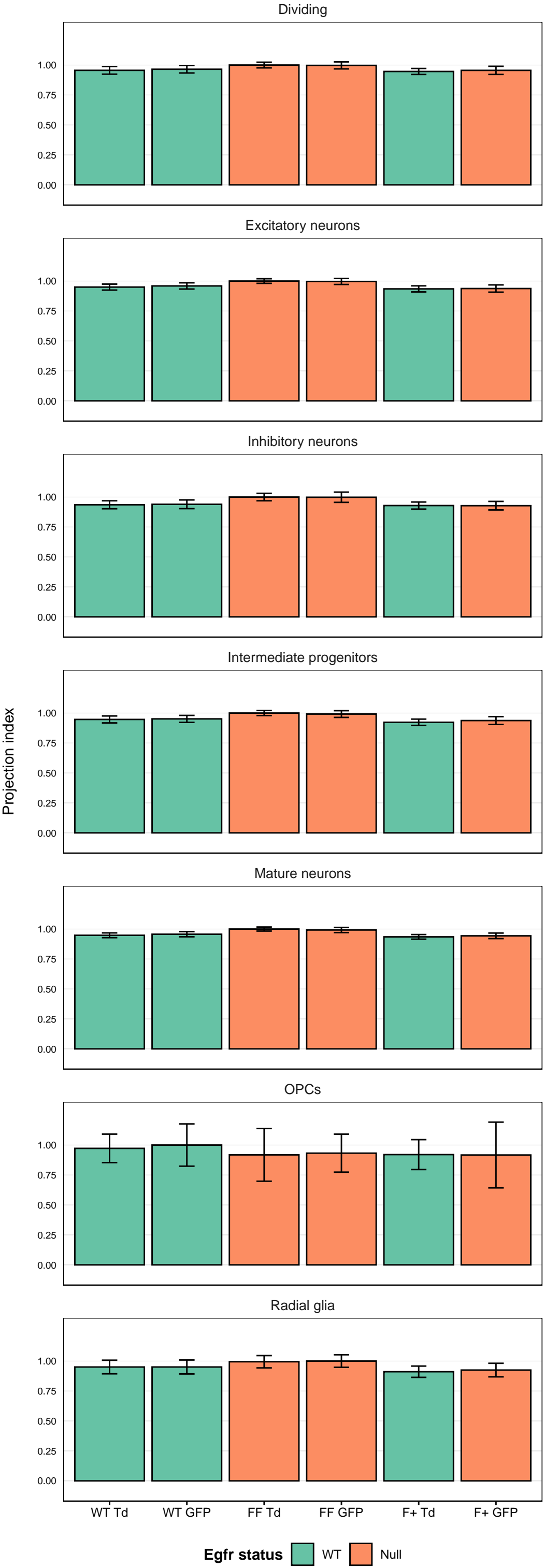


Top genes by kME

Cdk5rap1
Itga2b
Rpl21
mt-Nd3
mt-Nd5
mt-Nd4l
mt-Nd6
mt-Nd4
mt-Co1
mt-Cytb
mt-Nd2
mt-Nd1
Gm30124
Blvrb
Rps15
mt-Co2
Gpx1
Gm15852
1700021N21Rik
Nsa2

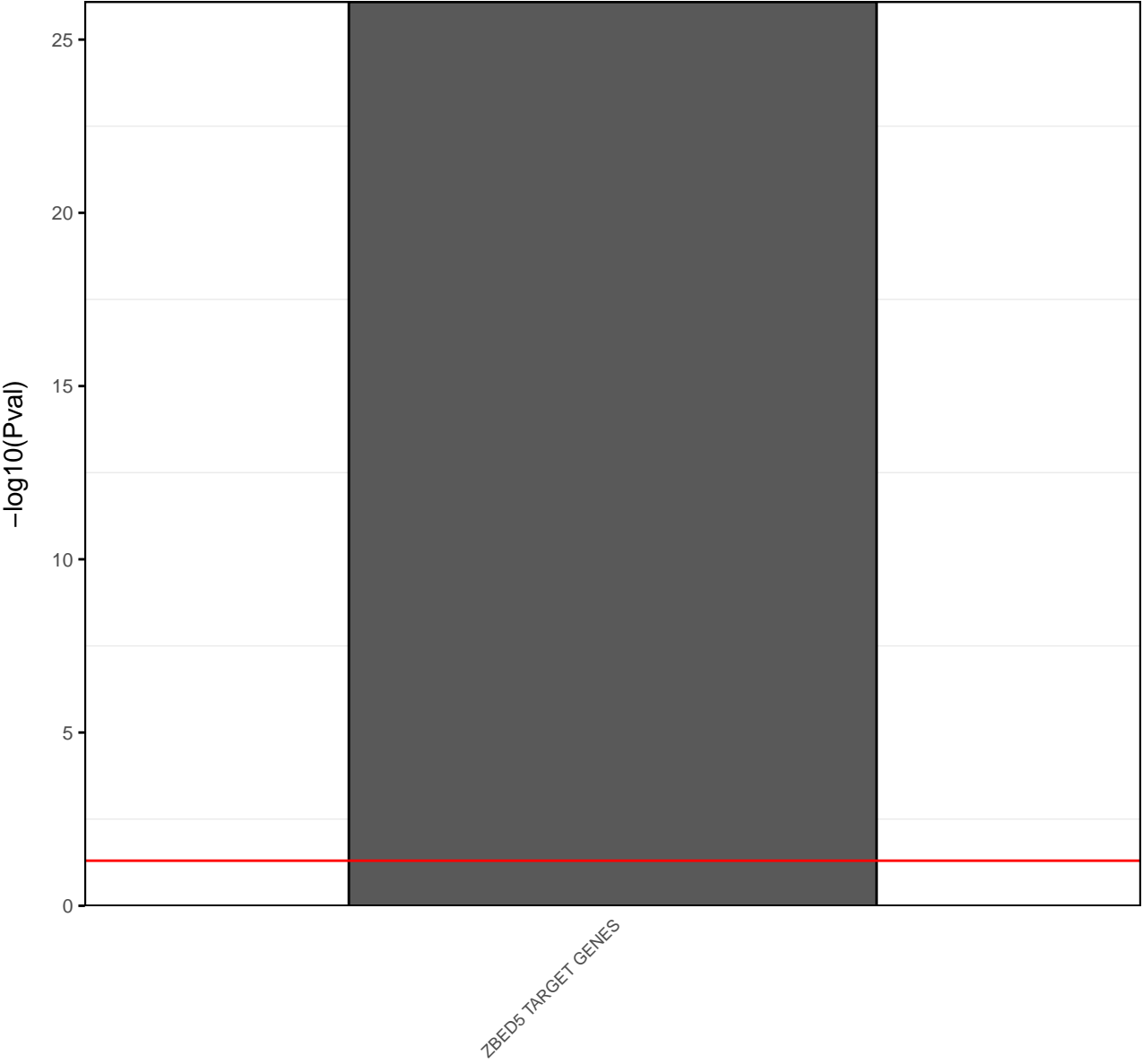


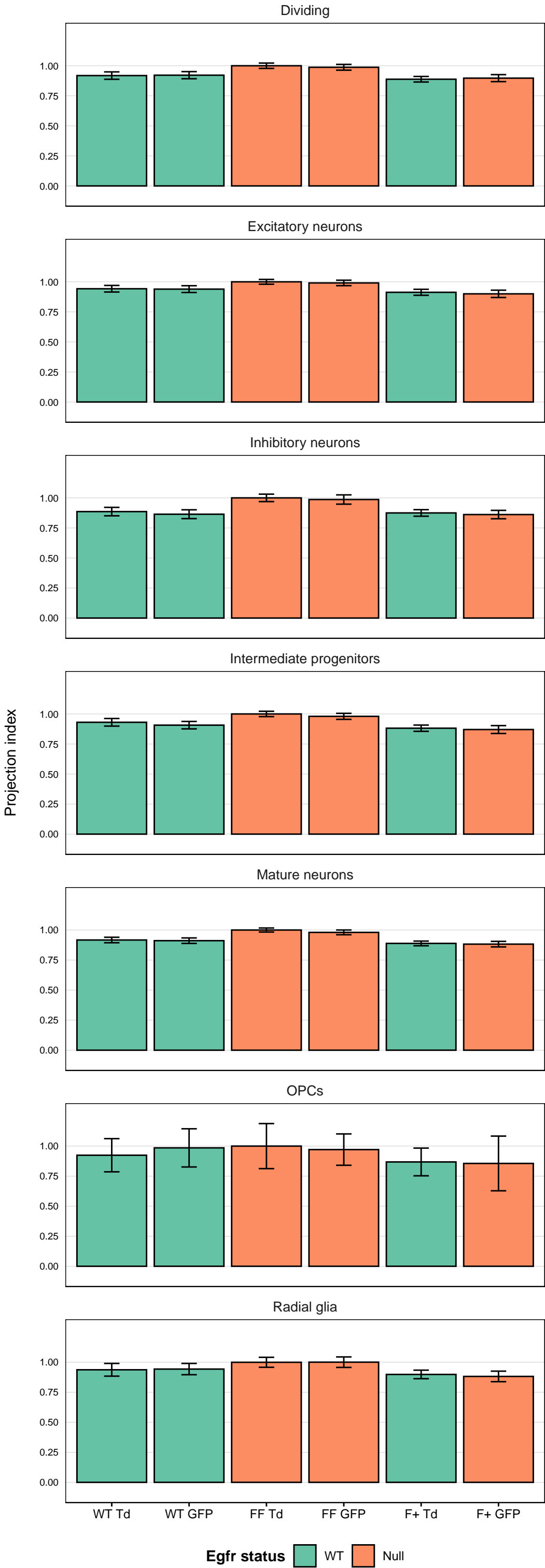
green module
Top 100 by kME
Bicor-None_signum0.807_minSize20_merge_ME_0.85_25509



Top genes by kME

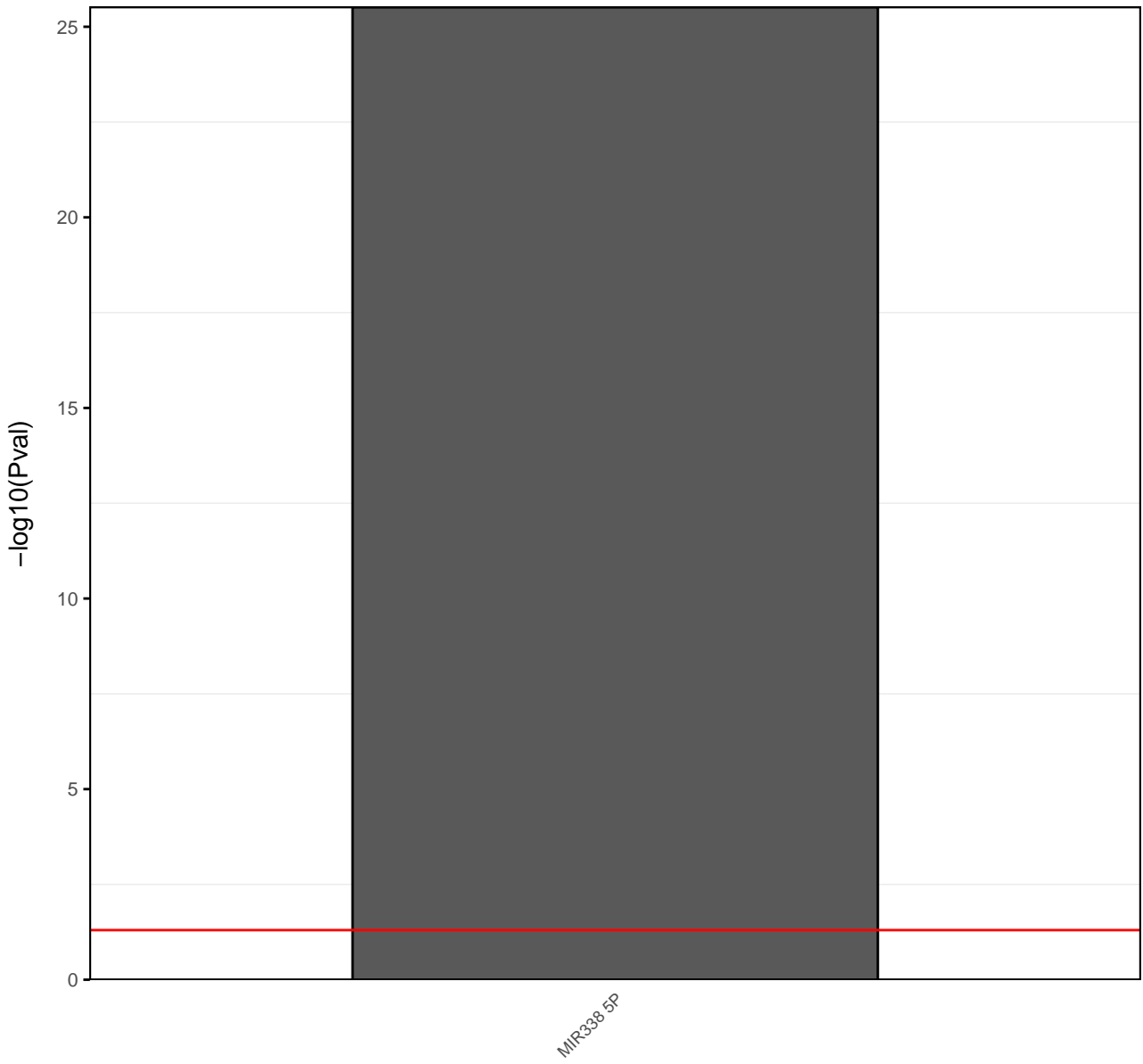
Zfp142
Cnot1
Atg2b
Ambra1
Gon4l
Brd3
Usp19
Asxl2
Edc4
Prdm2
Camsap2
Kat6a
Chd4
Pum1
Larp4b
Wiz
Bdp1
Lrp6
Sf3a1
Cep350



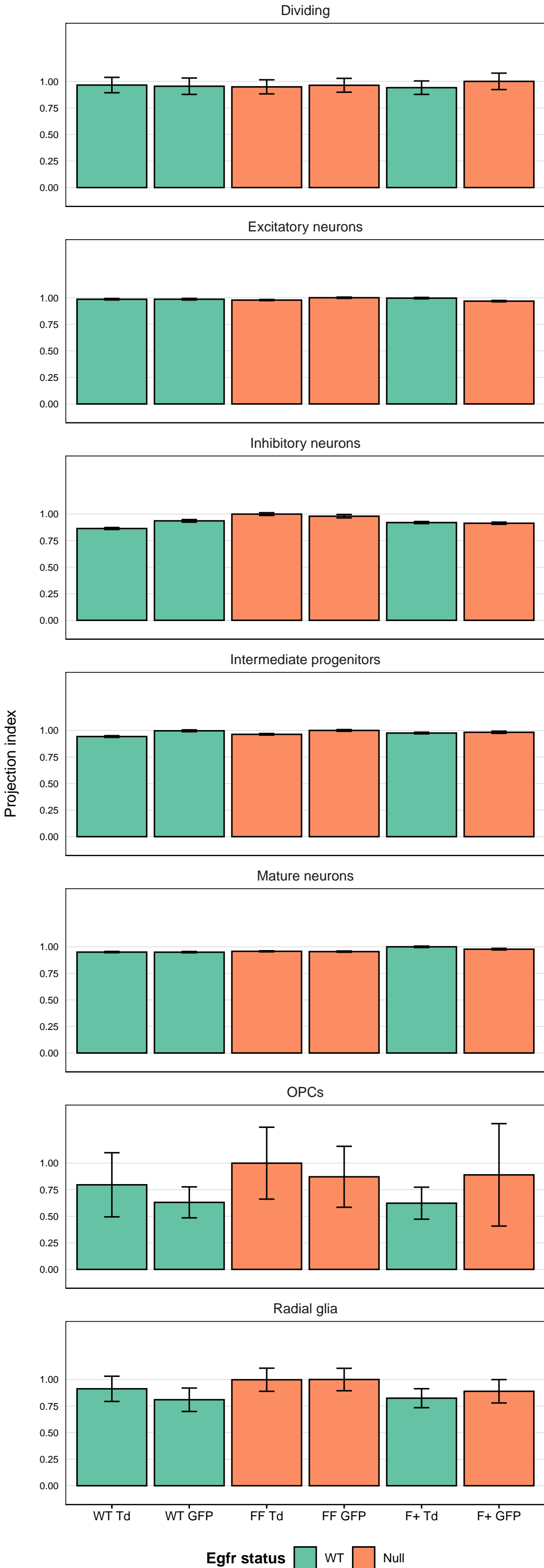


Top genes by kME

Zyg11b
Otud5
Mga
Lin7c
Usp11
Kmt2e
Ddx6
Trip11
Atf2
Taok1
Usp49
Kmt5b
Xrn1
Stau1
Pan3
Enah
Strn
Map3k13
Gsk3b
Smg6

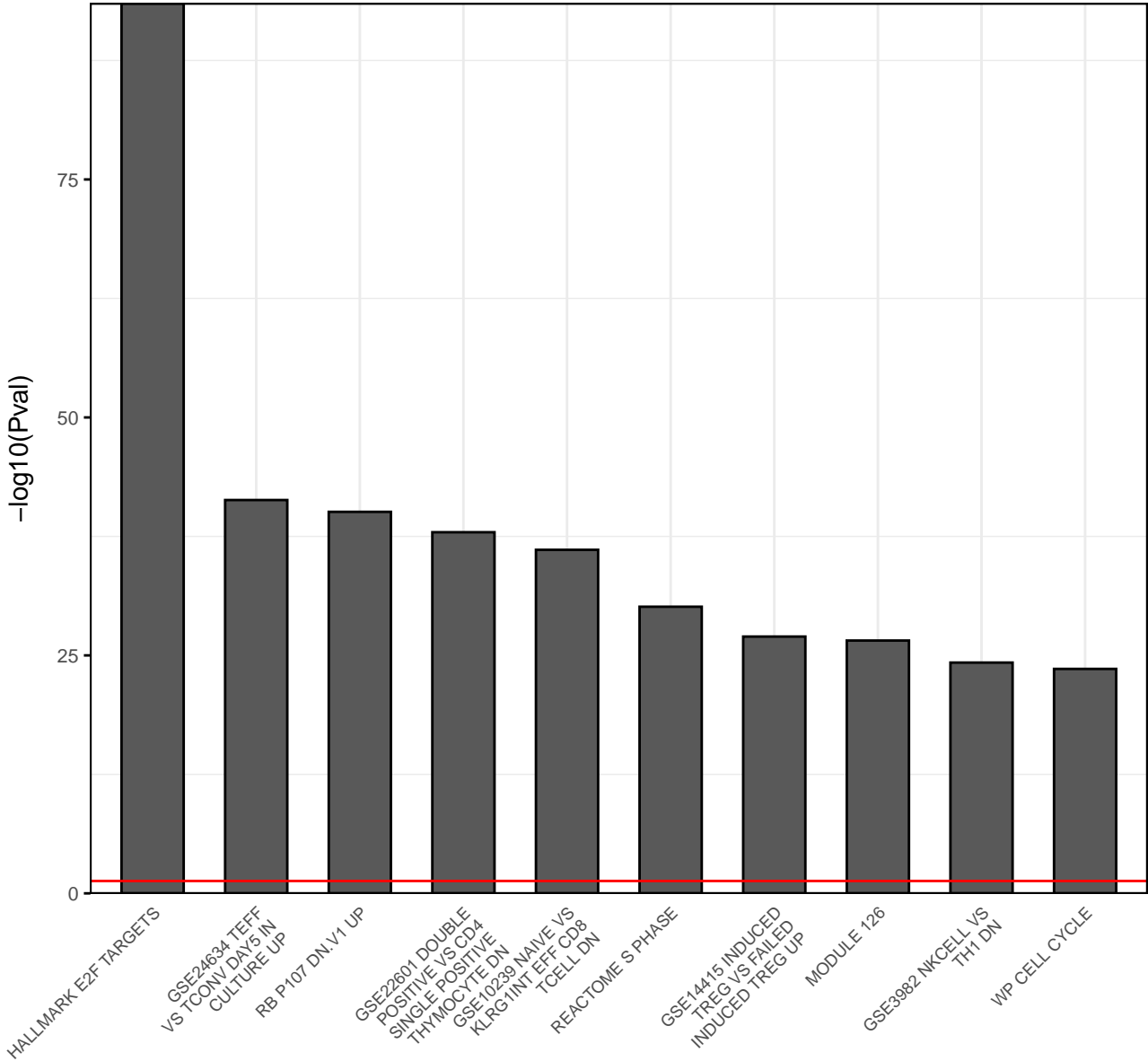


purple module
Top 100 by kME
Bicor=None_signum0.807_minSize20_merge_ME_0.85_25509

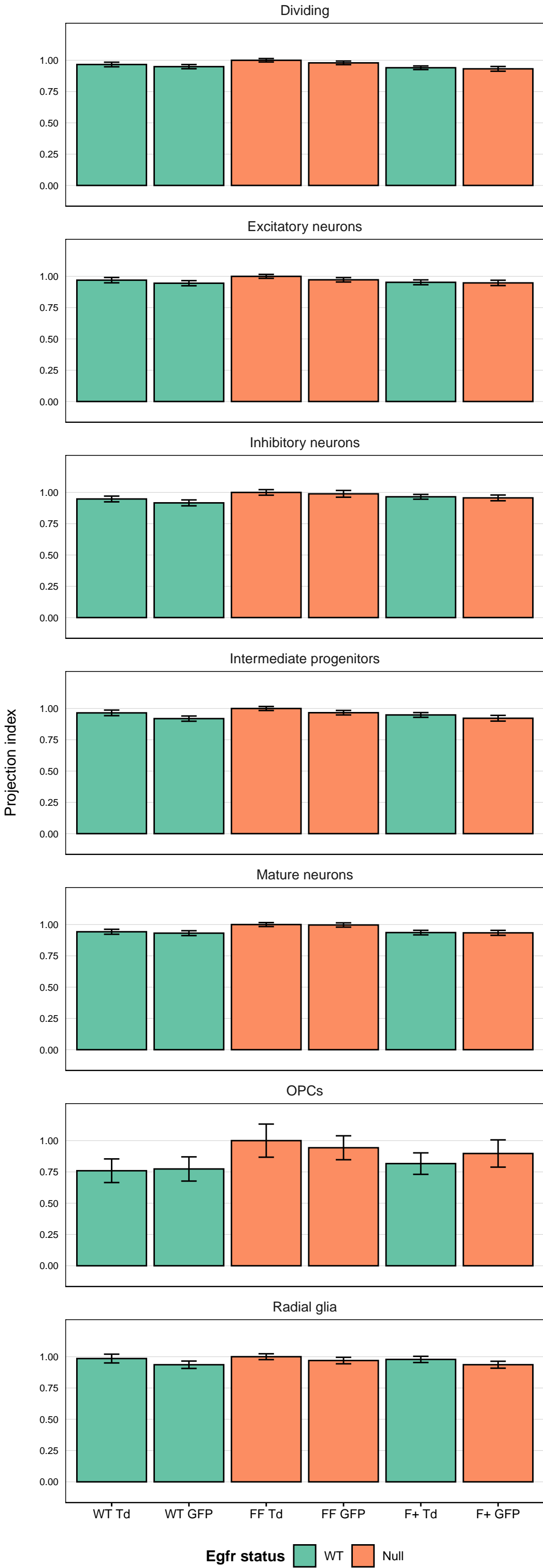


Top genes by kME

Cdca2
Ect2
Nusap1
Racgap1
Exo1
Kif2c
Ccna2
Smc2
Dlgap5
Rfwd3
Mcm3
Nek2
Pcna
Incenp
Ccnb1
Sgo1
Kif11
Rad54l
Bub1
Knstrn

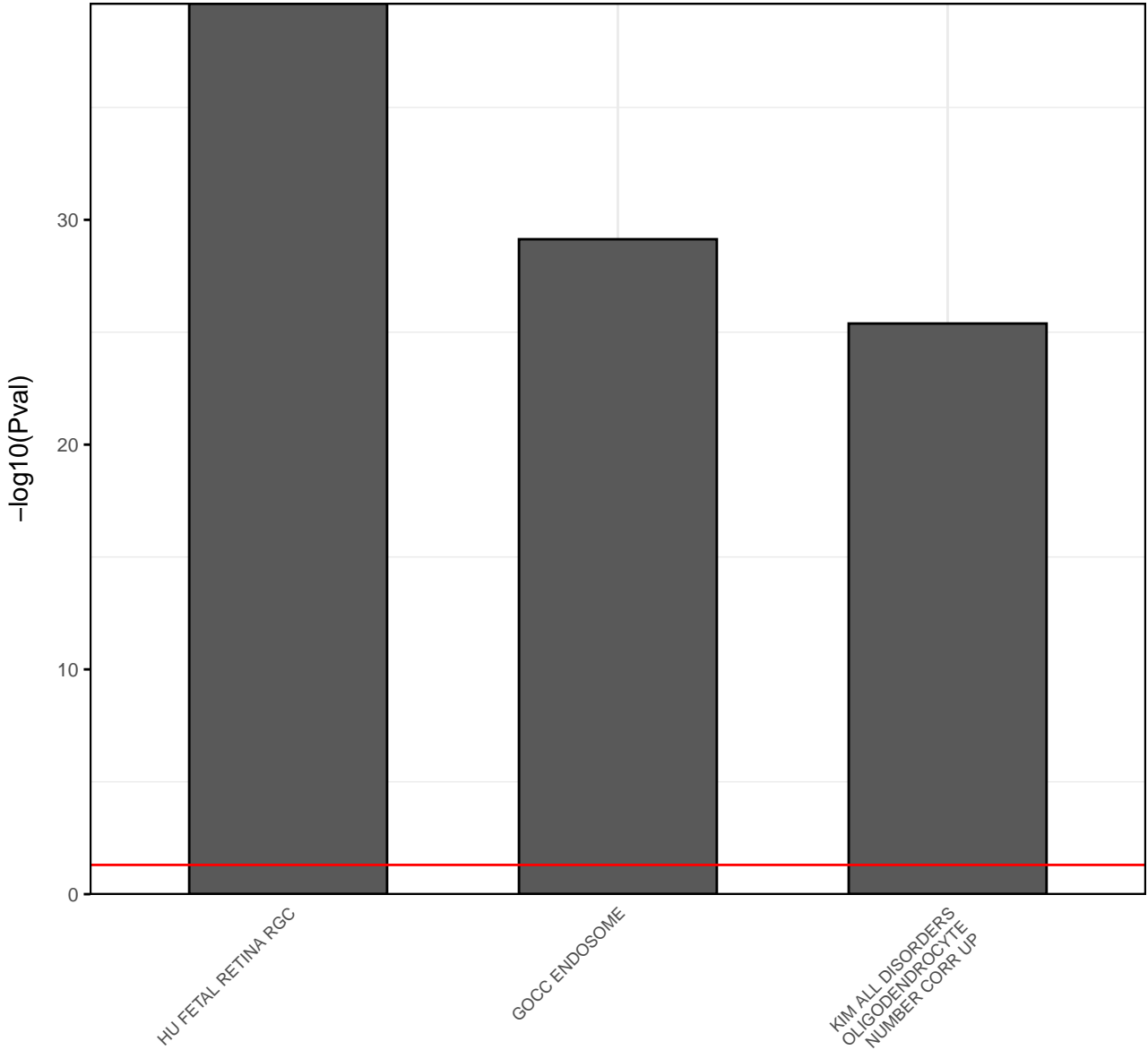


red module
Top 100 by kME
Bicor-None_signum0.807_minSize20_merge_ME_0.85_25509

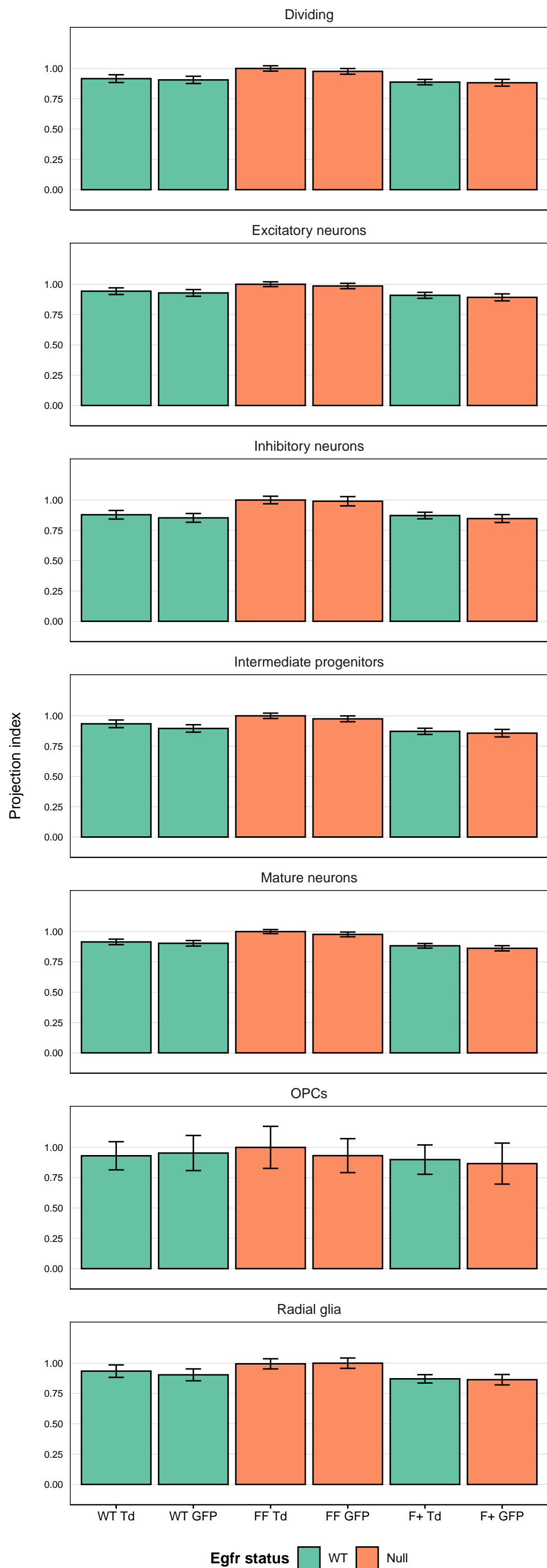


Top genes by kME

Gm12968
A930001M01Rik
Map3k6
Gm6556
Lama2
Gpr4
Gm43111
Ccn4
Slc23a1
Hspg2
Adgrd1
Tsx
Ticam1
Pcdhb14
Fbln2
Prdm9
Gm13883
Igfbp5
Podn
Lair1

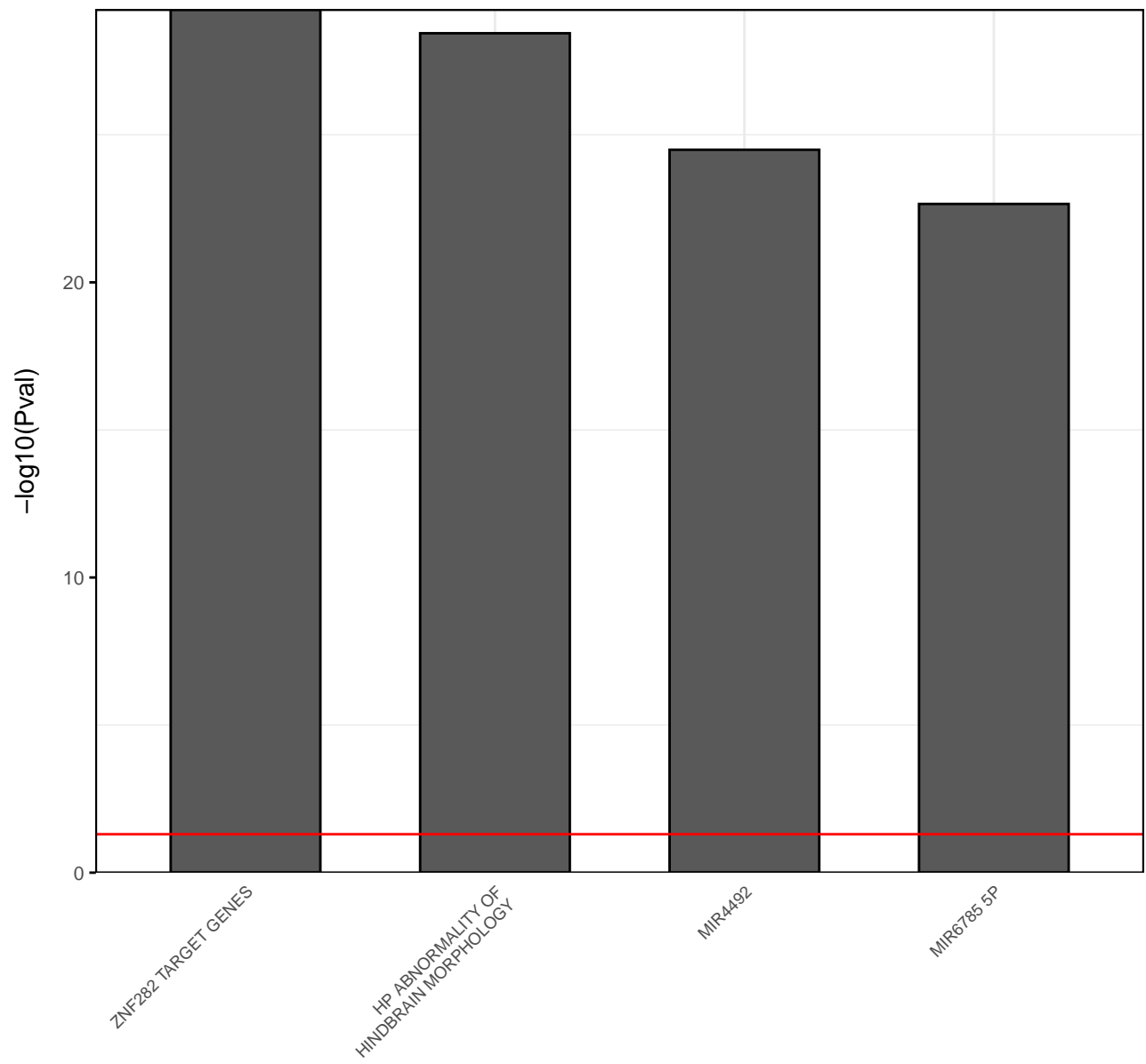


turquoise module
Top 100 by kME
Bicor-None_signum0.918_minSize8_merge_ME_0.85_25509



Top genes by kME

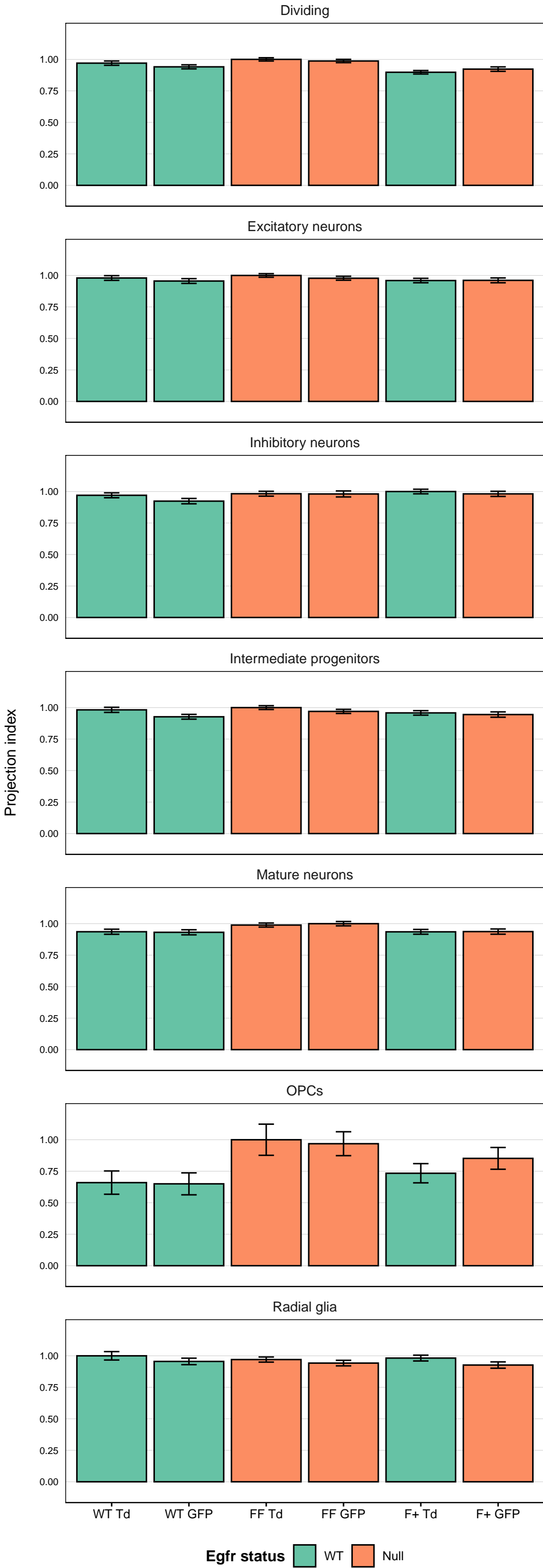
Gm47438
Gbx1
Prok2
Pde8b
Ano1
Gm14286
Dmrtb1
Gm26793
Olfm3
Gng4
Rasa4
Gm45509
D830024N08Rik
Fgd5
Dlk1
Sgcz
Gm37864
Gm35281
Asb4
Ntn1



cyan module

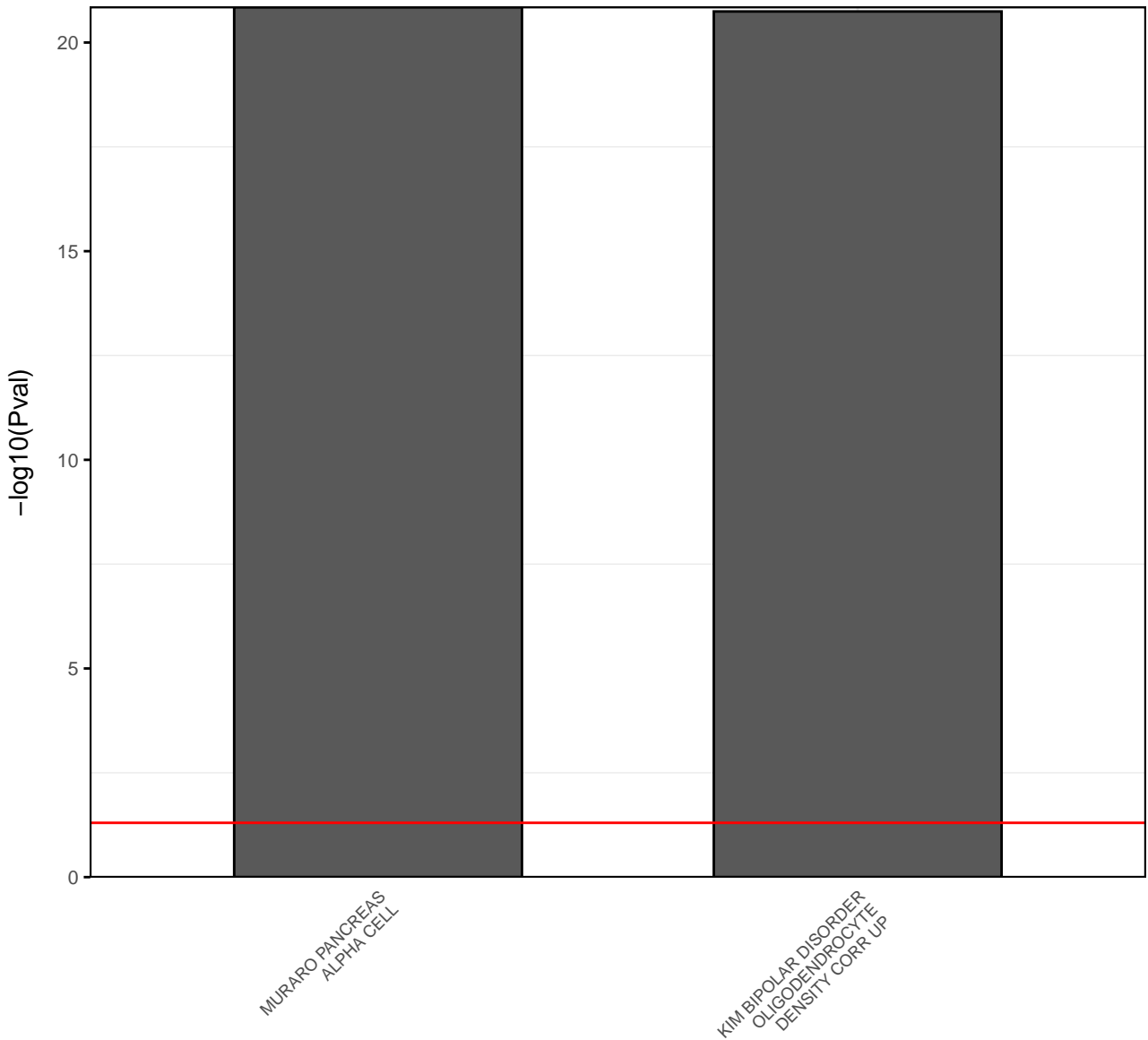
Top 100 by kME

Bicor-None_signum0.918_minSize8_merge_ME_0.85_25509

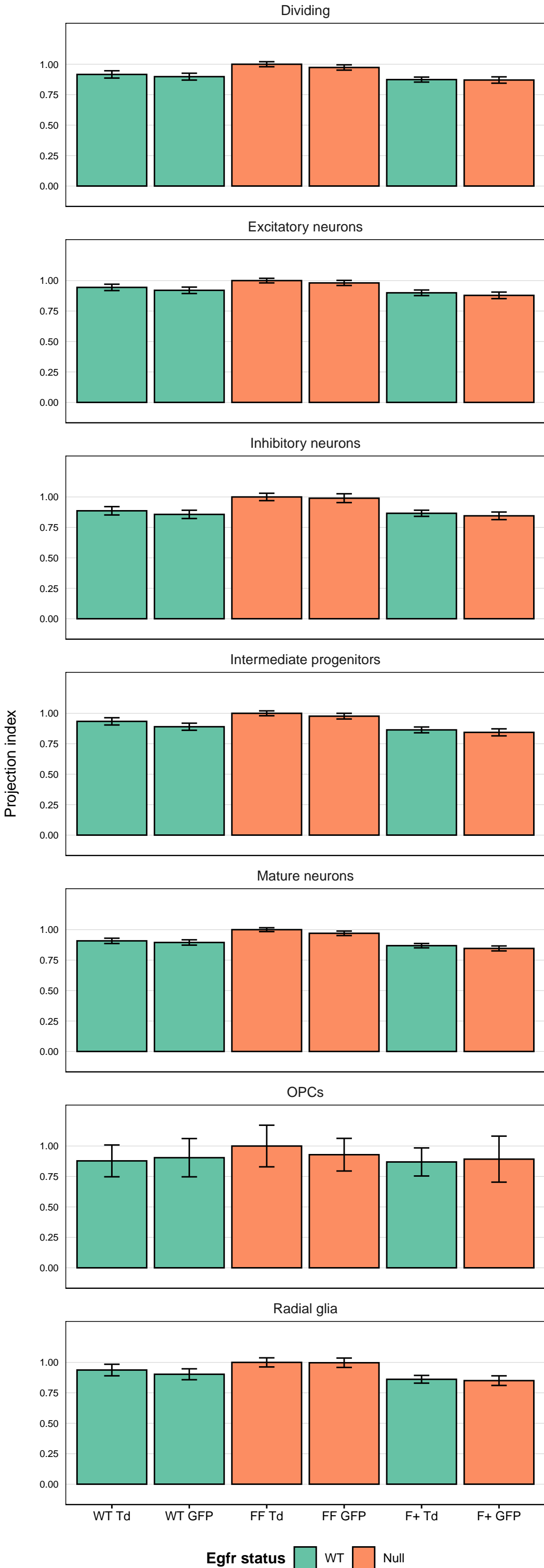


Top genes by kME

Pttg1
Nmral1
2310058D17Rik
Eif2s3y
Zfand4
Rpusd3
Ddx3y
Cirbp
Adamts4
Rab1b
4930540M05Rik
Exo5
Lyplal1
Gm50203
Gm20075
Xpnpep1
Spa17
Ascl4
Mrps18a
Osgep

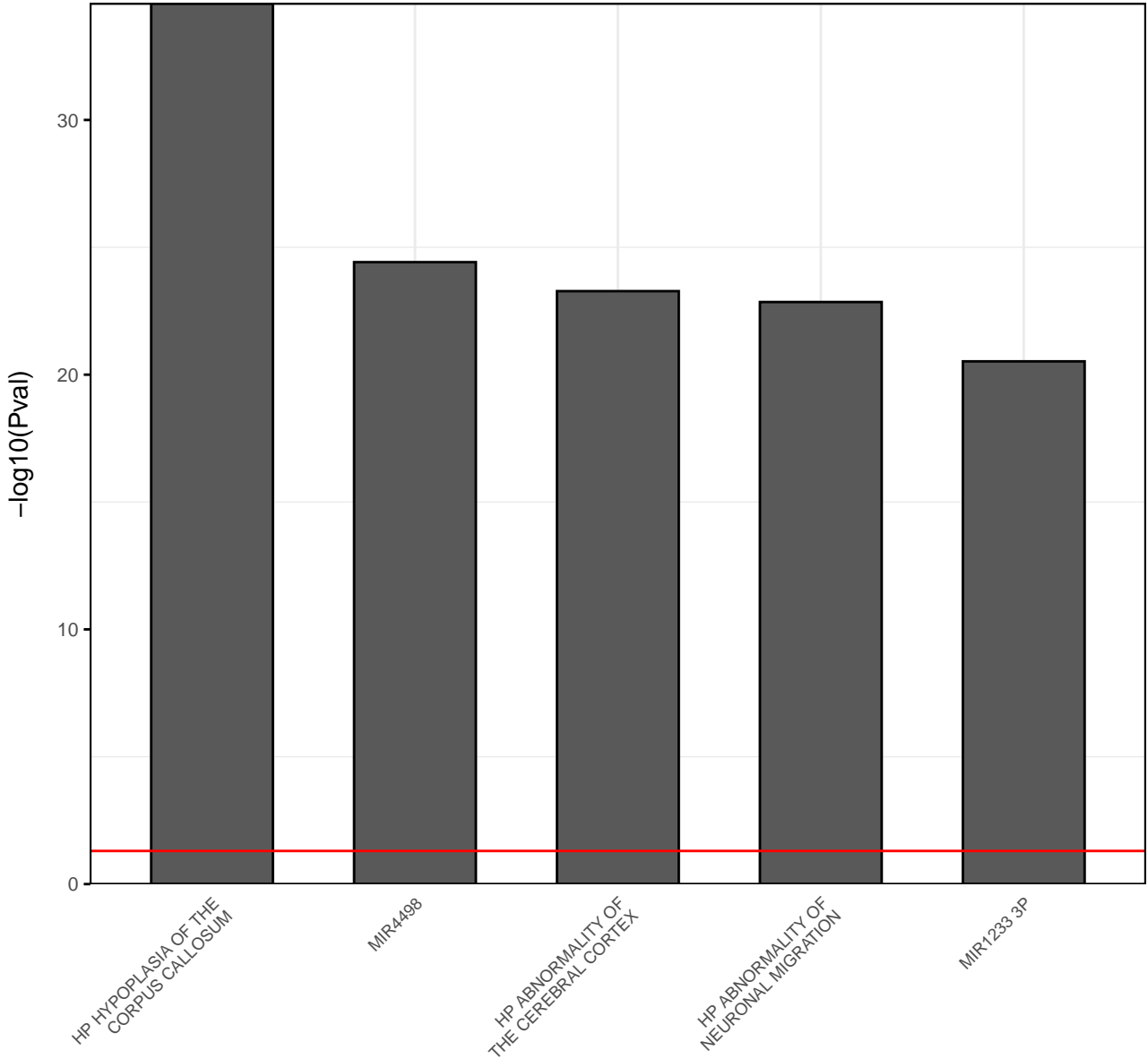


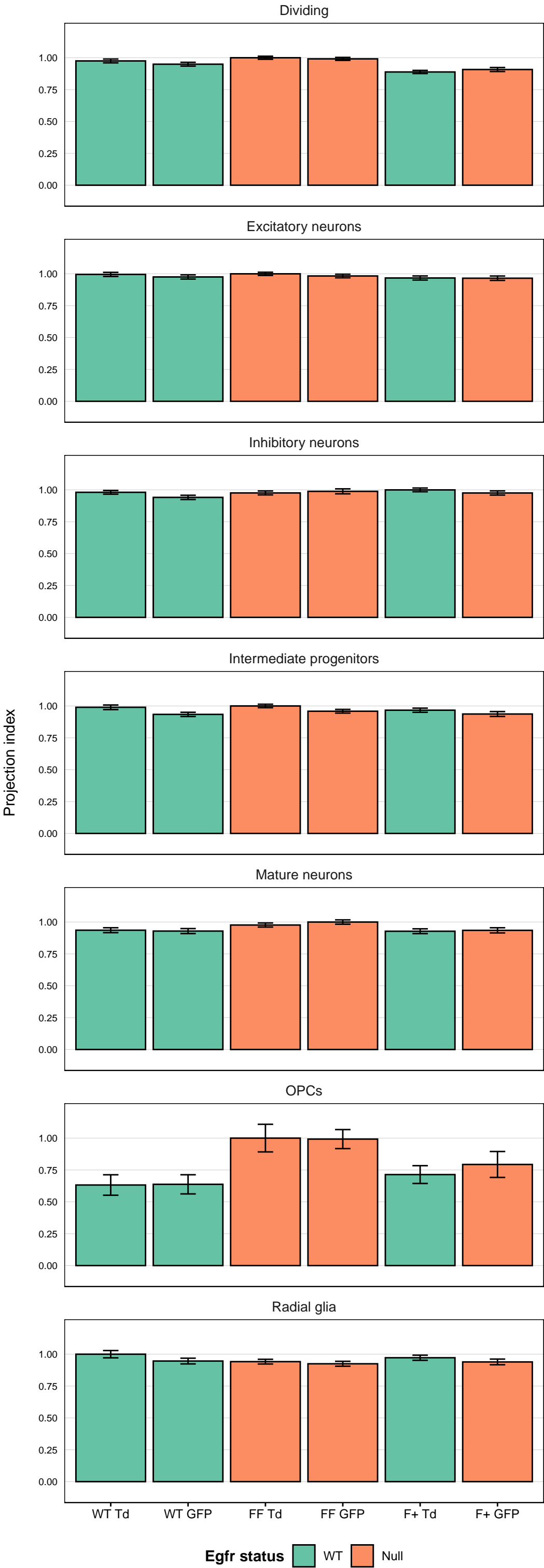
cyan module
Top 100 by kME
Bicor-None_signum0.918_minSize12_merge_ME_0.85_25509



Top genes by kME

Ctif
Cltc
Ash1l
Ylpm1
Smg1
9930021J03Rik
Mga
Kmt2c
Rc3h1
Ubr3
Ago2
Med13l
Prr12
Sec16a
Kdm6b
Asxl1
Gpatch8
Ep400
Tulp4
Xrn1





Top genes by kME

Chl1
Mtss1
Rnf182
Tmem150c
Tmcc2
Sh3kbp1
Itga3
Fut11
Cyb5r1
Zfp341
Slc7a4
Cep85l
Slc6a17
Neo1
Atp1a1
Chst11
Rnf141
Klhl8
Fut8
Slc37a3

