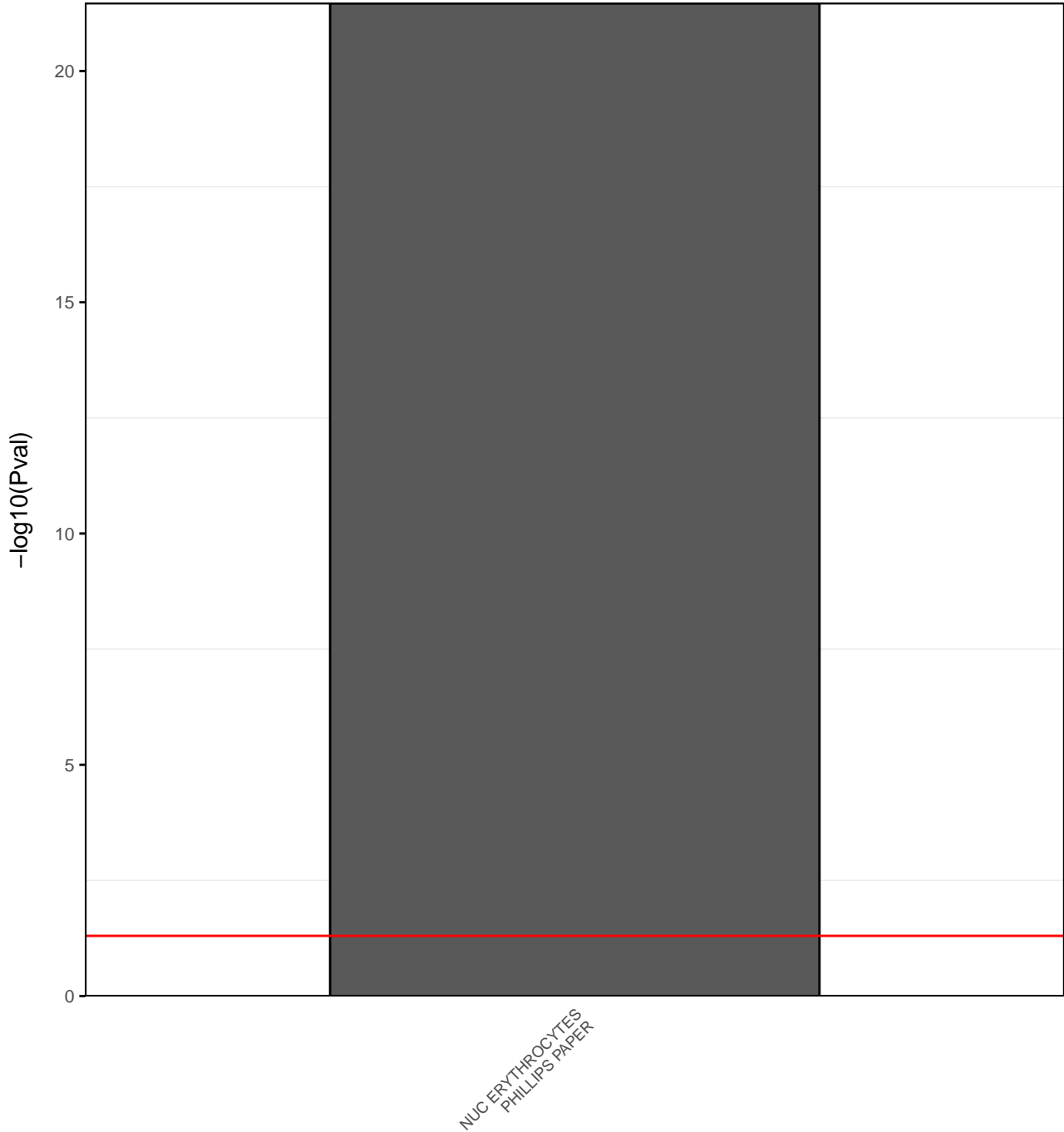
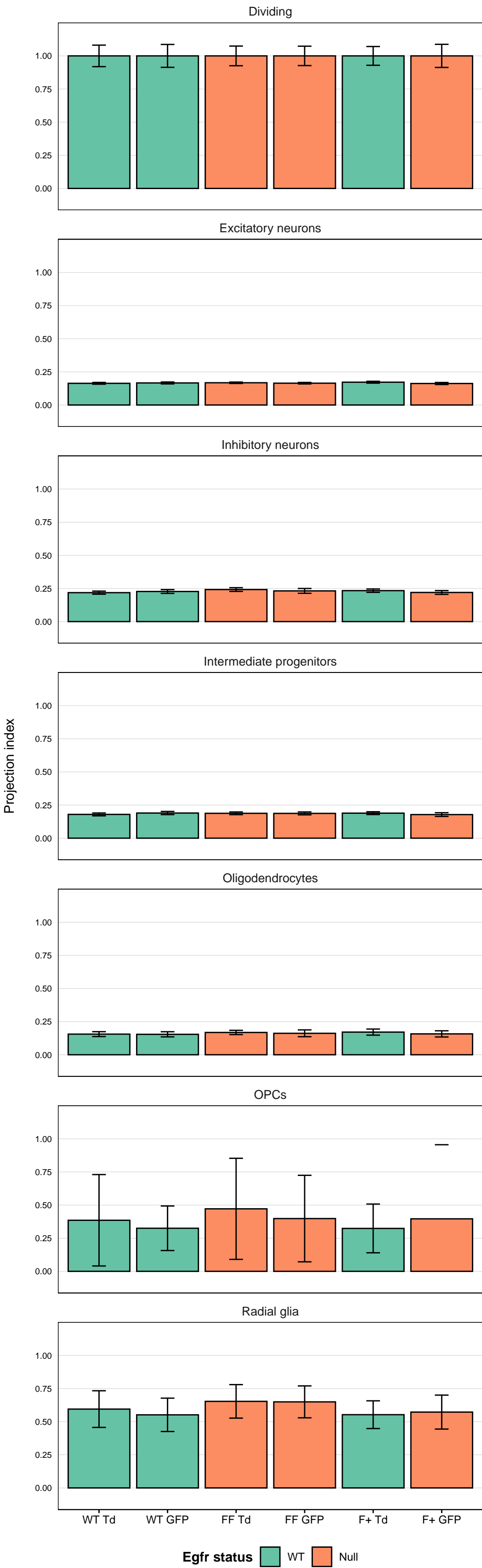


Top genes by kME

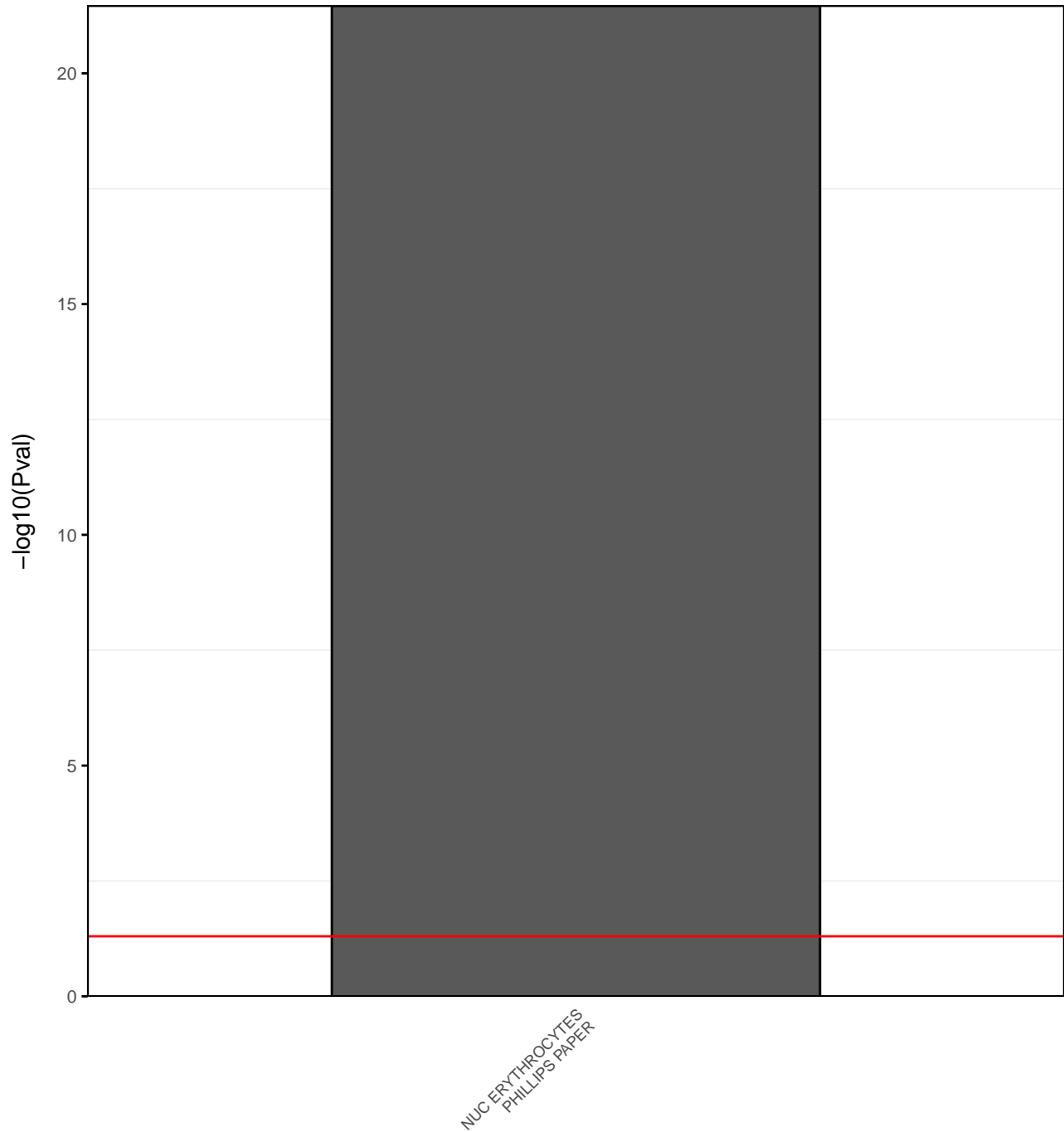
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Nusap1
Kif2c
Racgap1
Lig1
Mcm5
Tpm4
Mad2l1
Ect2
Kif23
Ccna2
Prc1
Rrm2
Incenp
Dlgap5
Uhrf1
Mcm2
Knstrn
Mcm3
Smc2

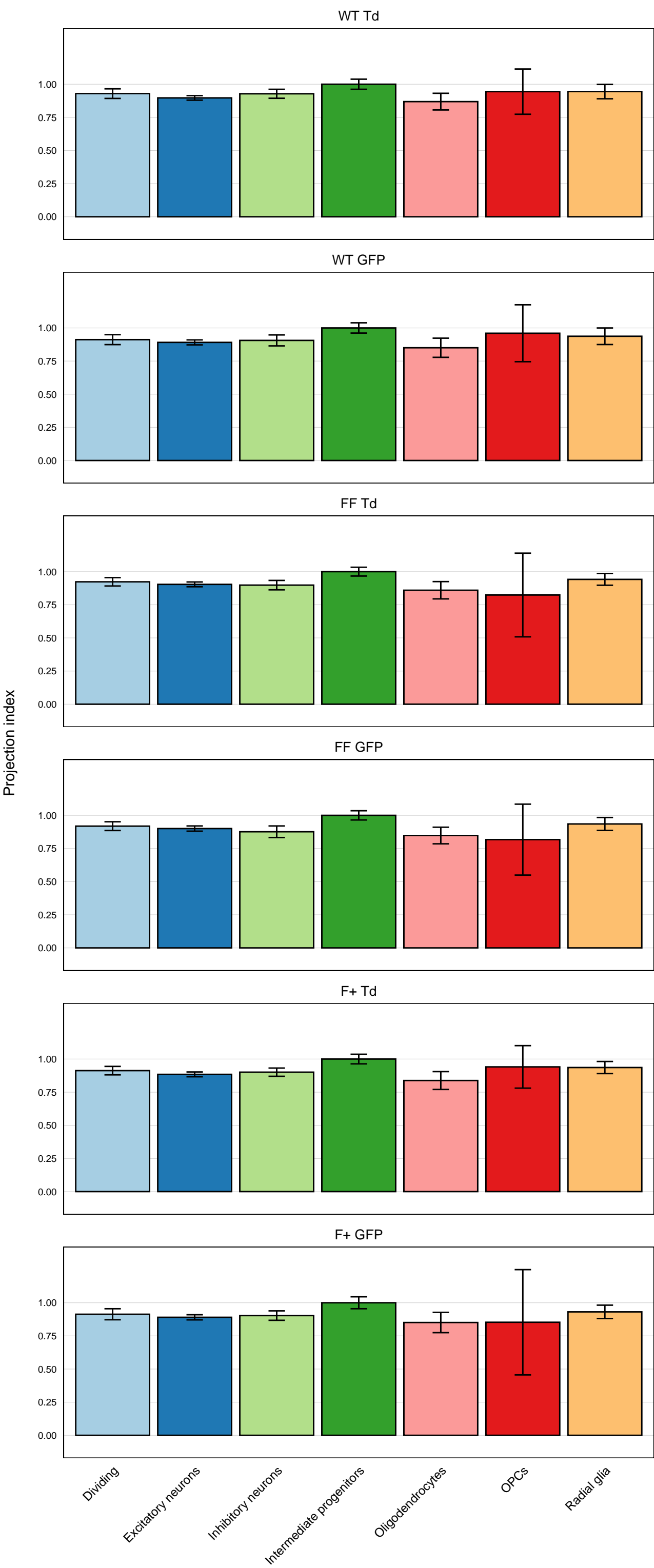




Top genes by kME

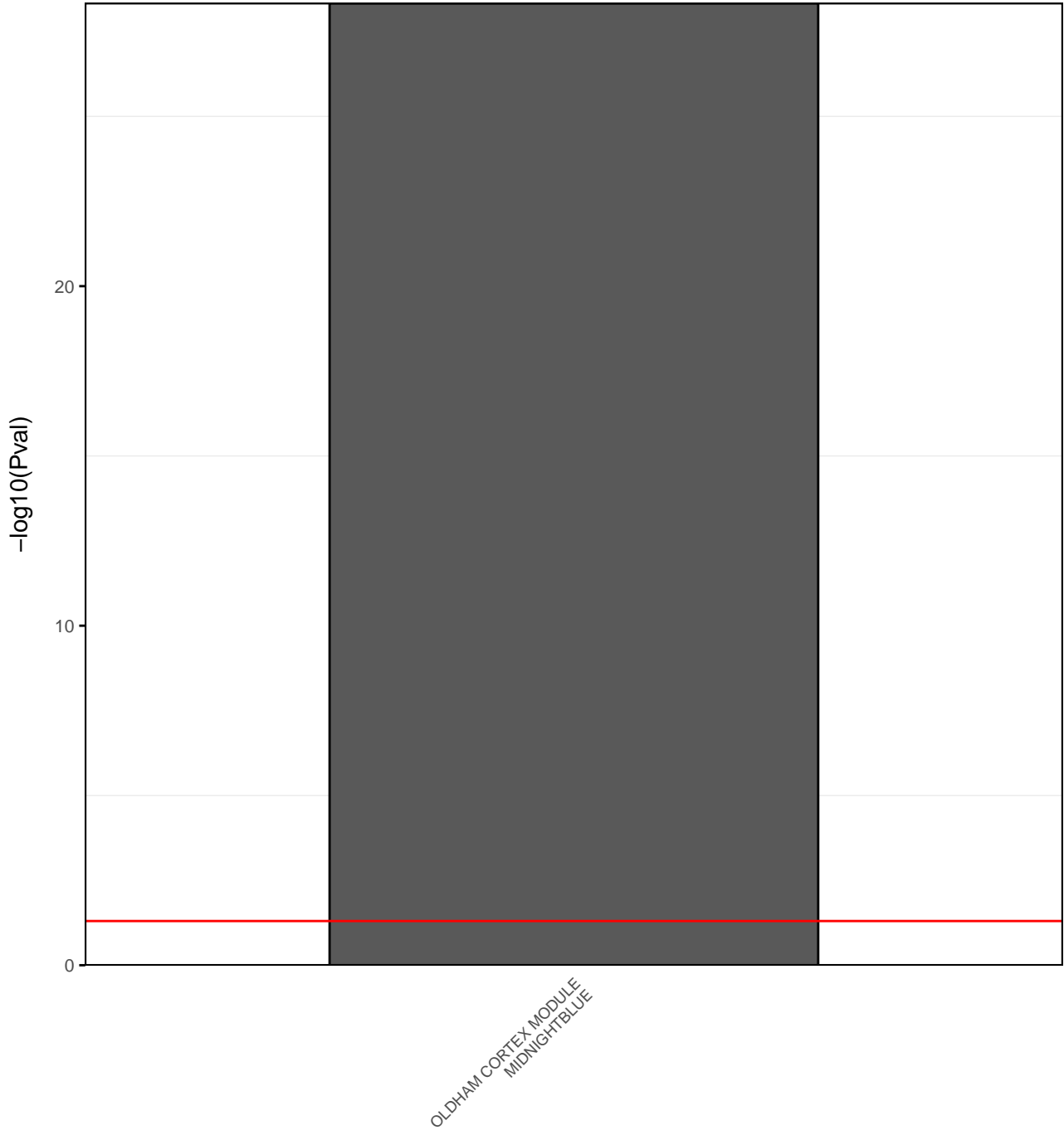
Cdca2
Nusap1
Kif2c
Racgap1
Lig1
Mcm5
Tpm4
Mad2l1
Ect2
Kif23
Ccna2
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Dlgap5
Uhrf1
Mcm2
Knstrn
Mcm3
Smc2

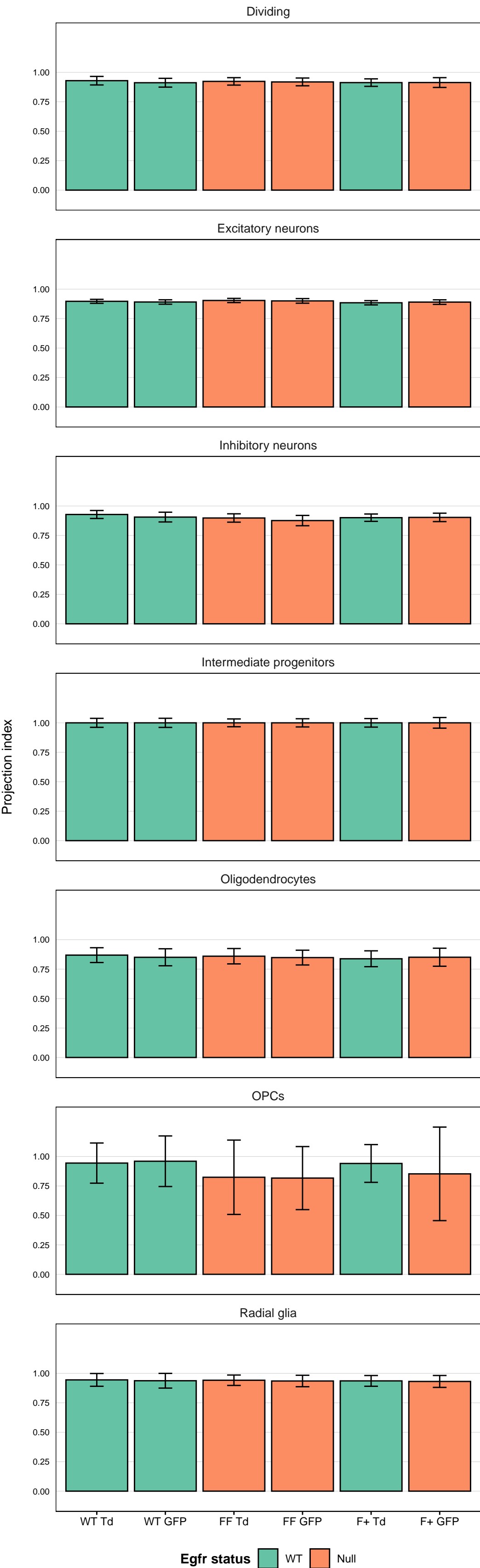




Top genes by kME

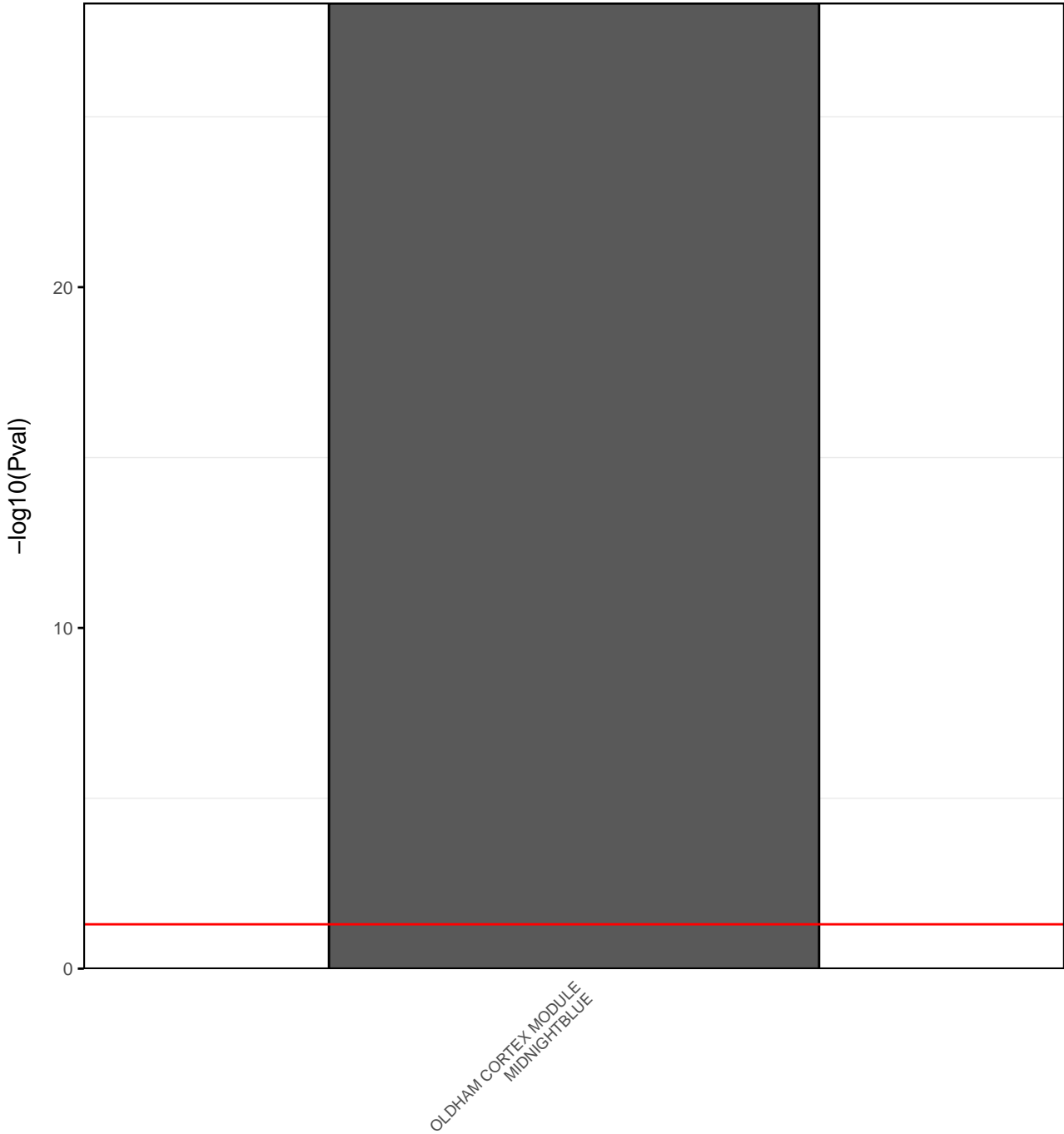
- Rps20
- Rps27a
- Rpsa
- Rps26
- Rpl13
- Rplp1
- Rpl32
- Rps2
- Eef1b2
- Pdlim4
- Rps10
- Rps9
- Rps15a
- Rpl12
- Rpl8
- Tpt1
- Gstm5
- Rplp0
- Gm20033
- Rps24

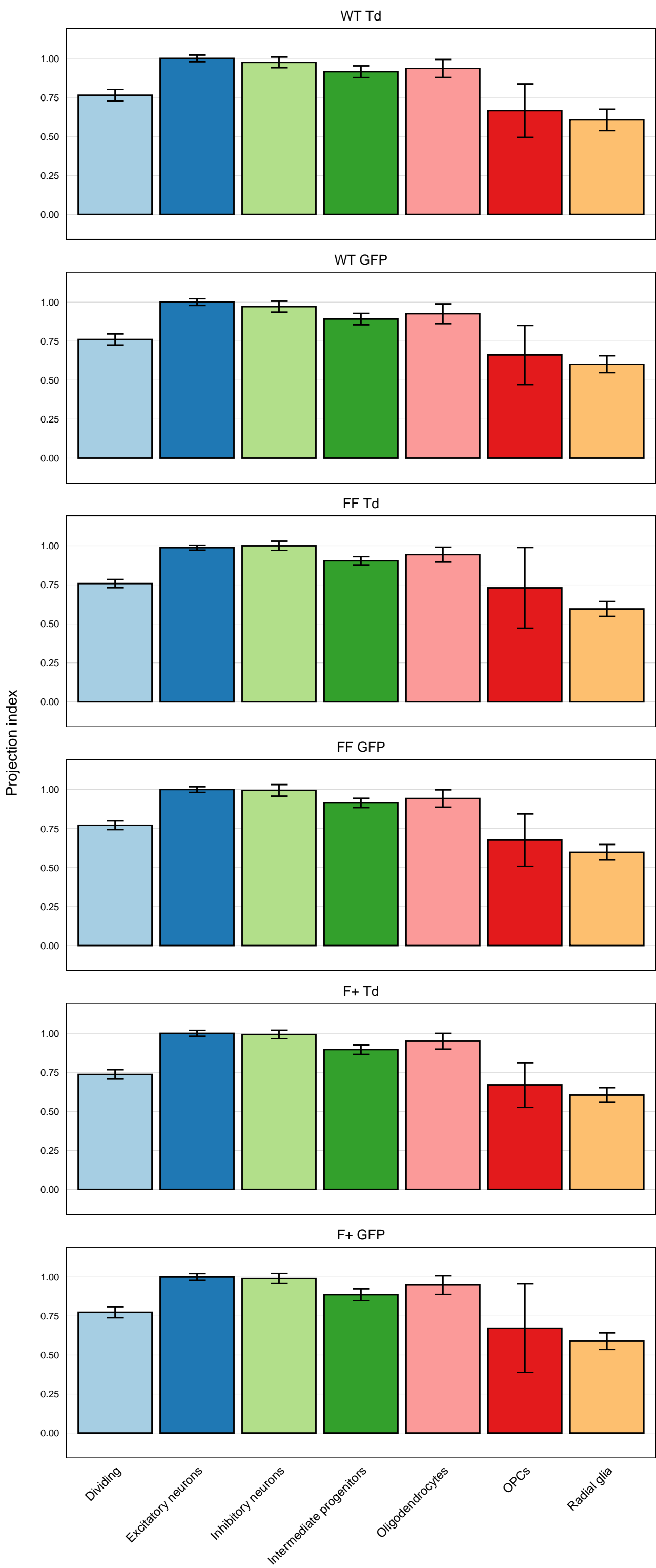




Top genes by kME

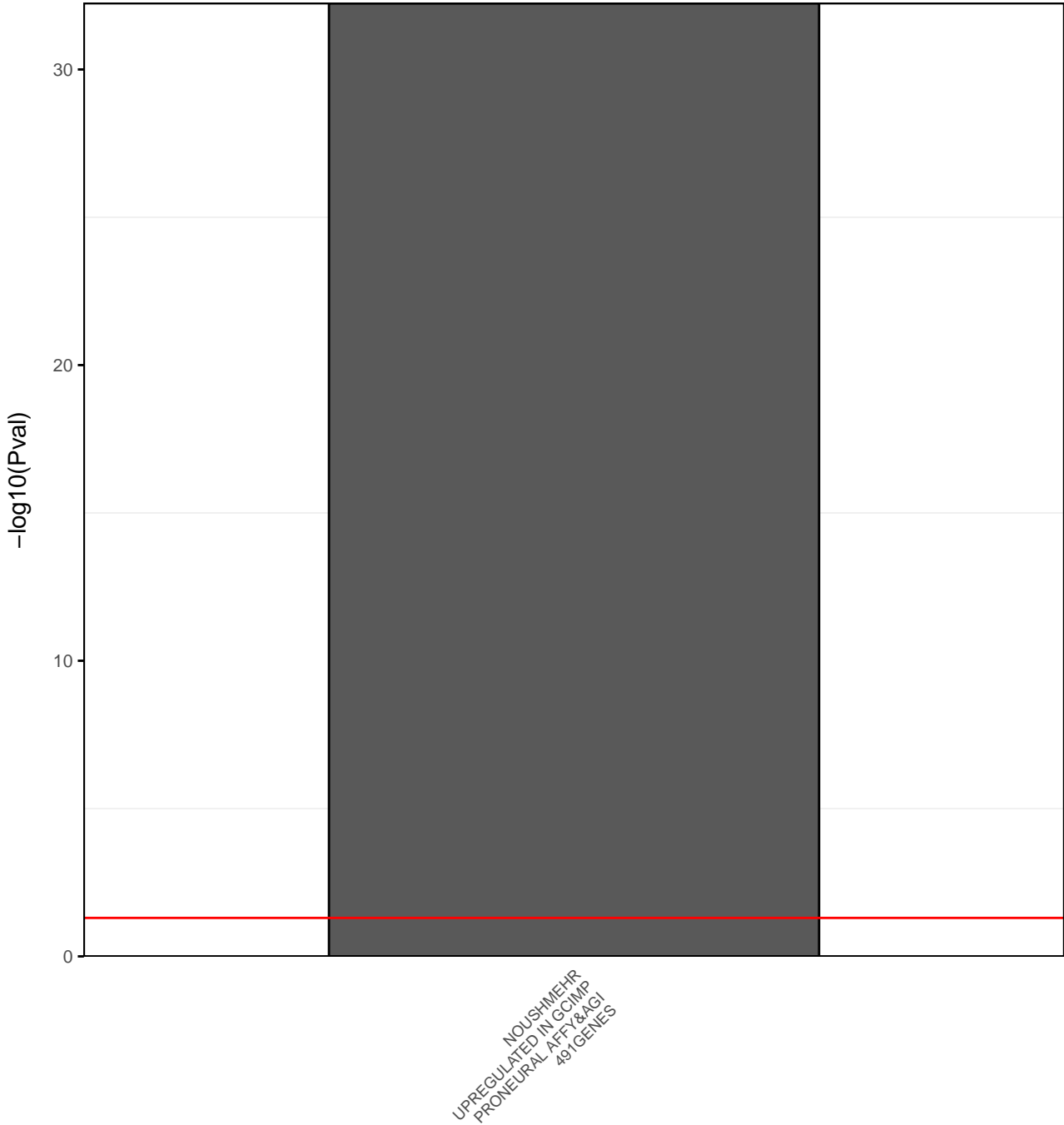
Rps20
Rps27a
Rpsa
Rps26
Rpl13
Rplp1
Rpl32
Rps2
Eef1b2
Pdlim4
Rps10
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Rpl8
Tpt1
Gstm5
Rplp0
Gm20033
Rps24

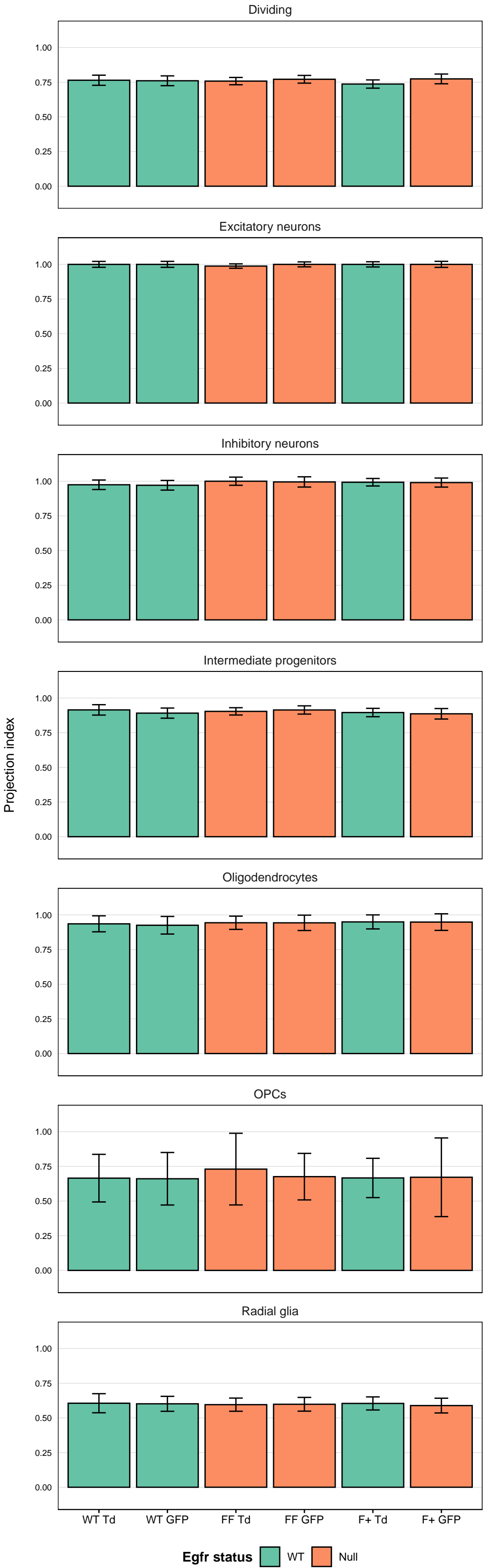




Top genes by kME

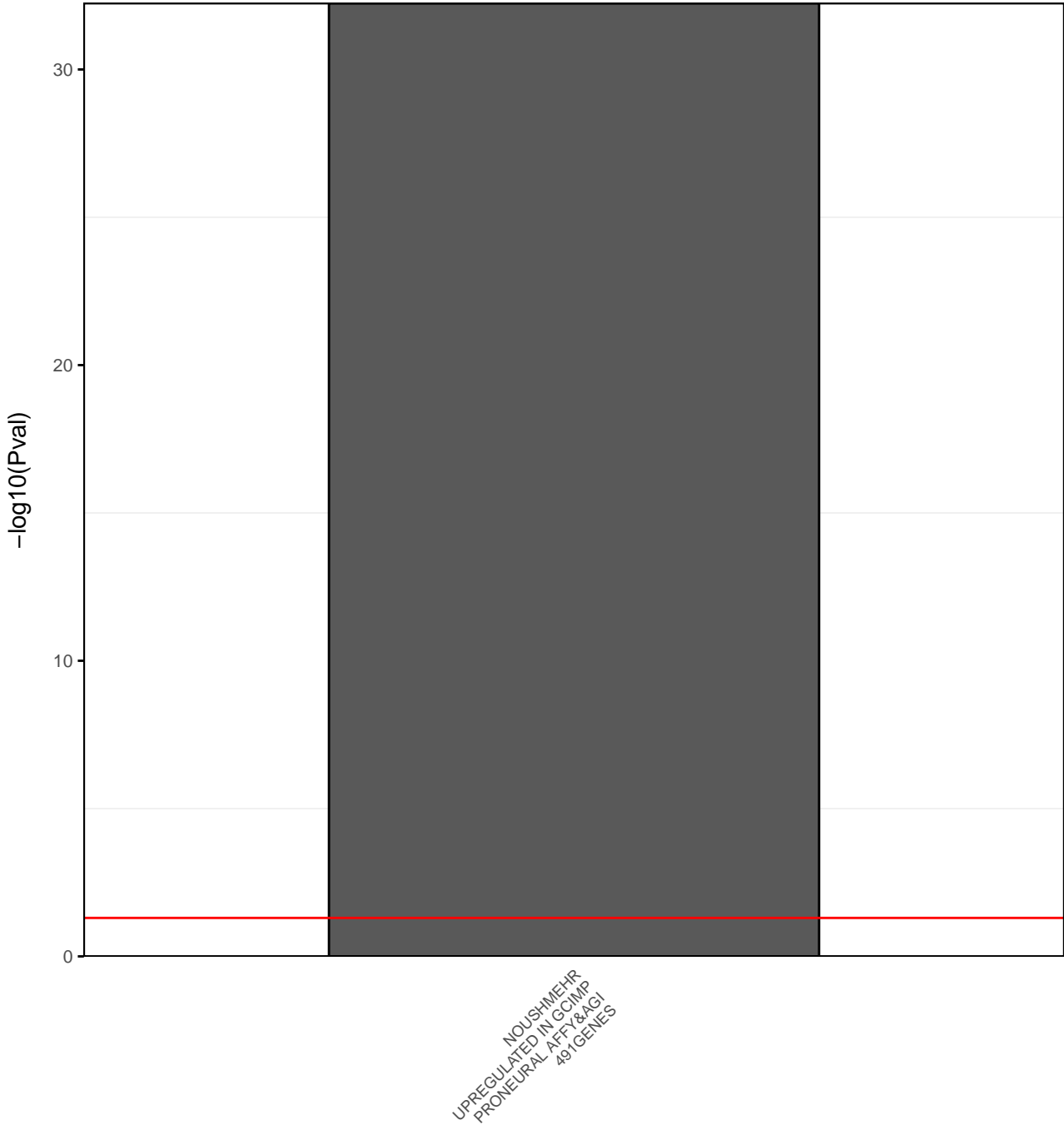
At1
 Zfp57
 Gm3764
 Plekha1
 Rmst
 Zcchc18
 Ripor2
 Adgrb3
 Rian
 Acvr2a
 Socs2
 5330434G04Rik
 Srm3
 Tpm1
 Negr1
 Nectin1
 Cadm1
 Nrp2
 Slc1a2
 Gabrb1

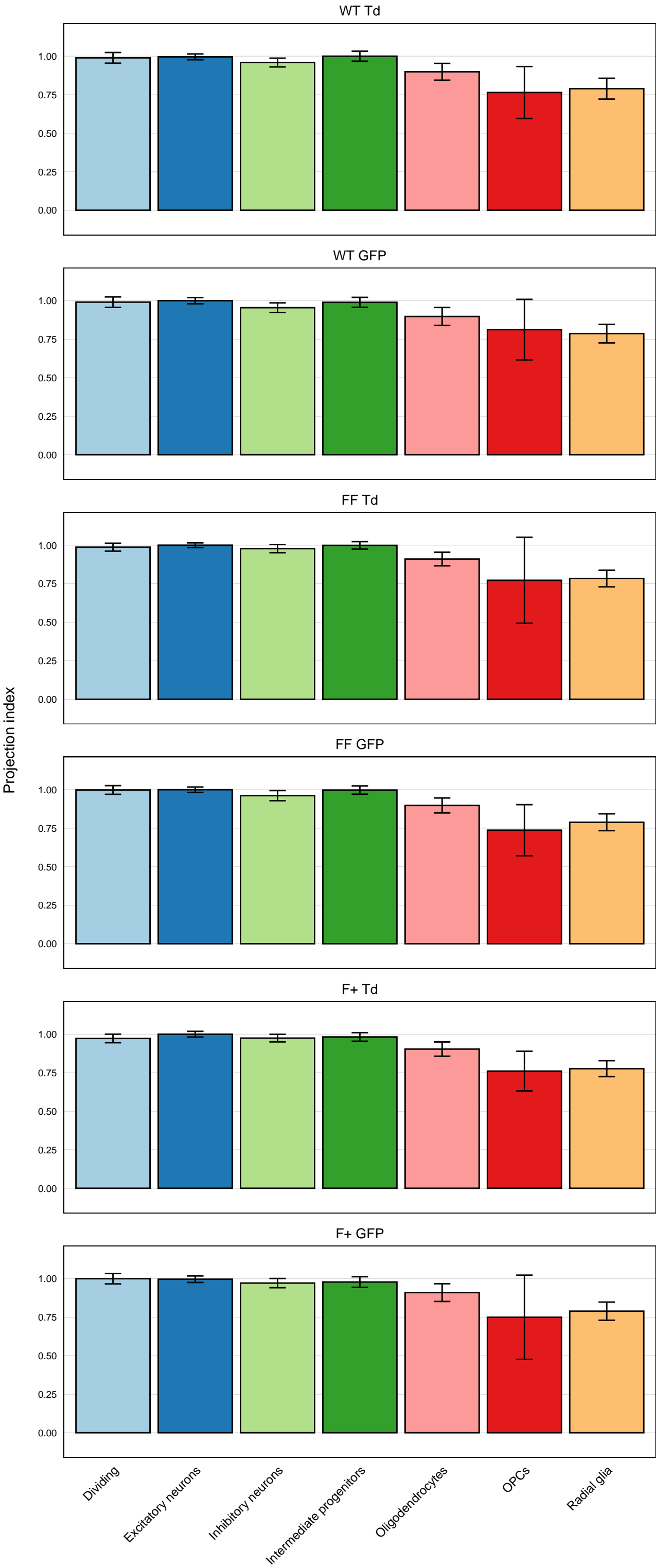




Top genes by kME

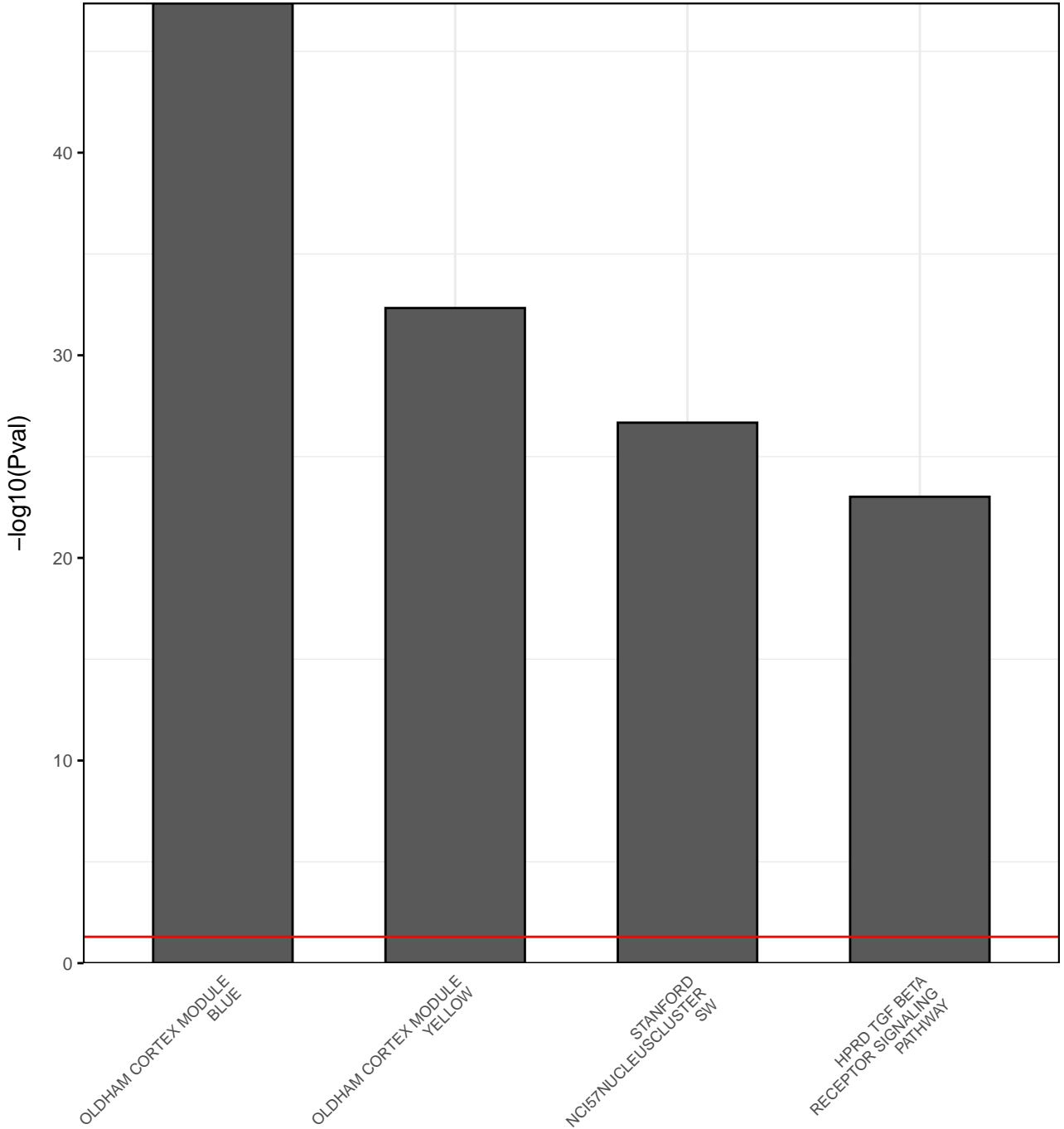
At1
 Zfp57
 Gm3764
 Plekha1
 Rmst
 Zcchc18
 Ripor2
 Adgrb3
 Rian
 Acvr2a
 Socs2
 5330434G04Rik
 Srm3
 Tpm1
 Negr1
 Nectin1
 Cadm1
 Nrp2
 Slc1a2
 Gabrb1

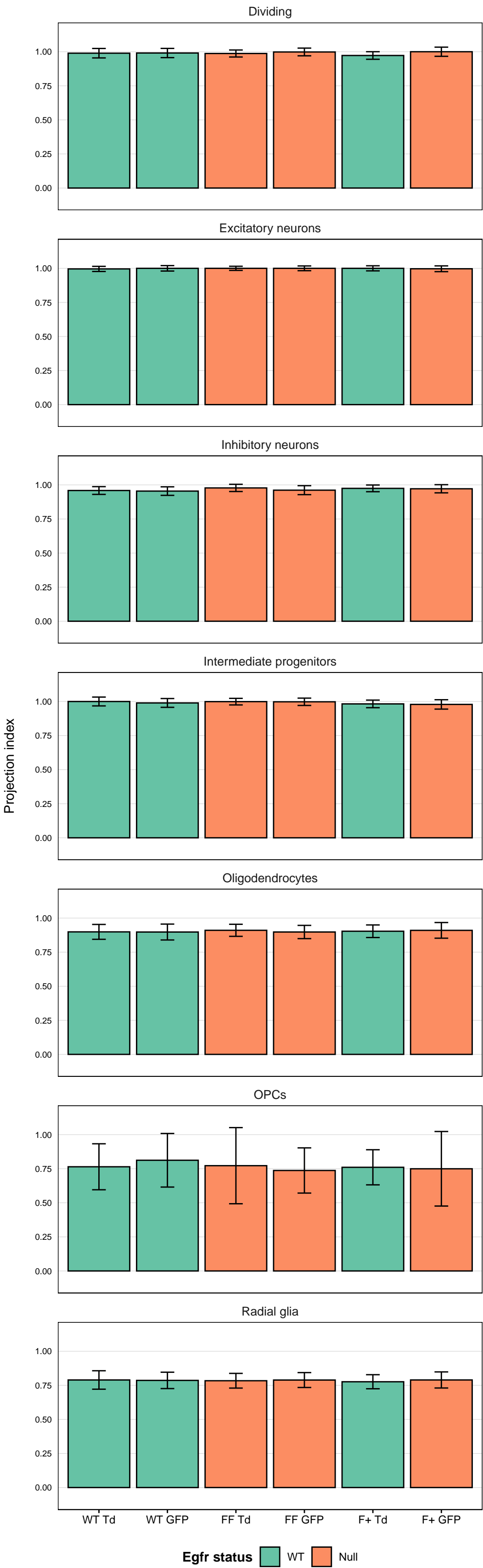




Top genes by kME

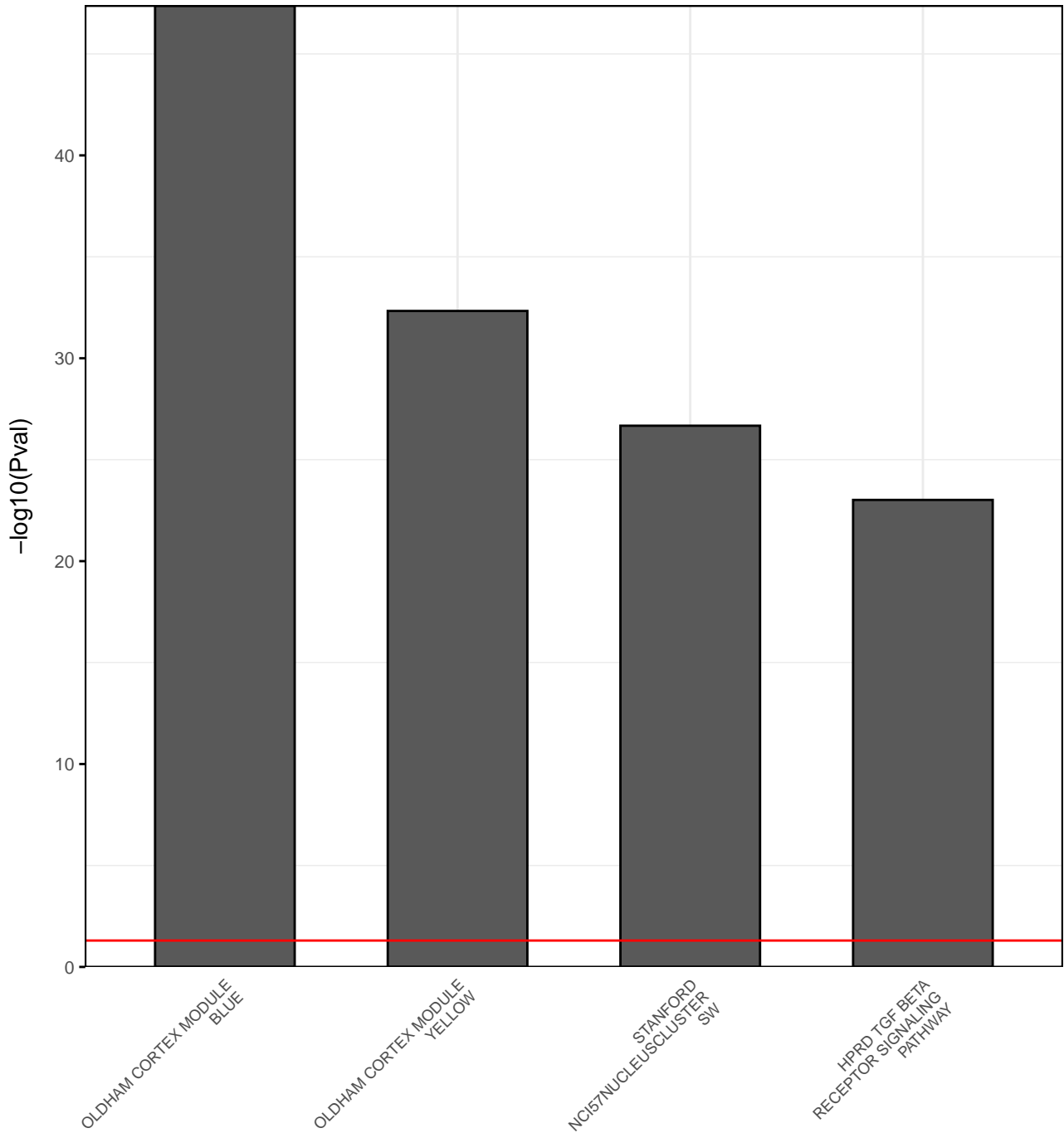
Arg2
Gm15594
Mir99ahg
Grem1
Nkain4
Gadd45g
Tnc
3110039M20Rik
Vxn
Cldn3
Tst
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Veph1
mt-Nd4
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Col12a1
Tmsb15b1
mt-Cytb
Gm38085
Nrp1

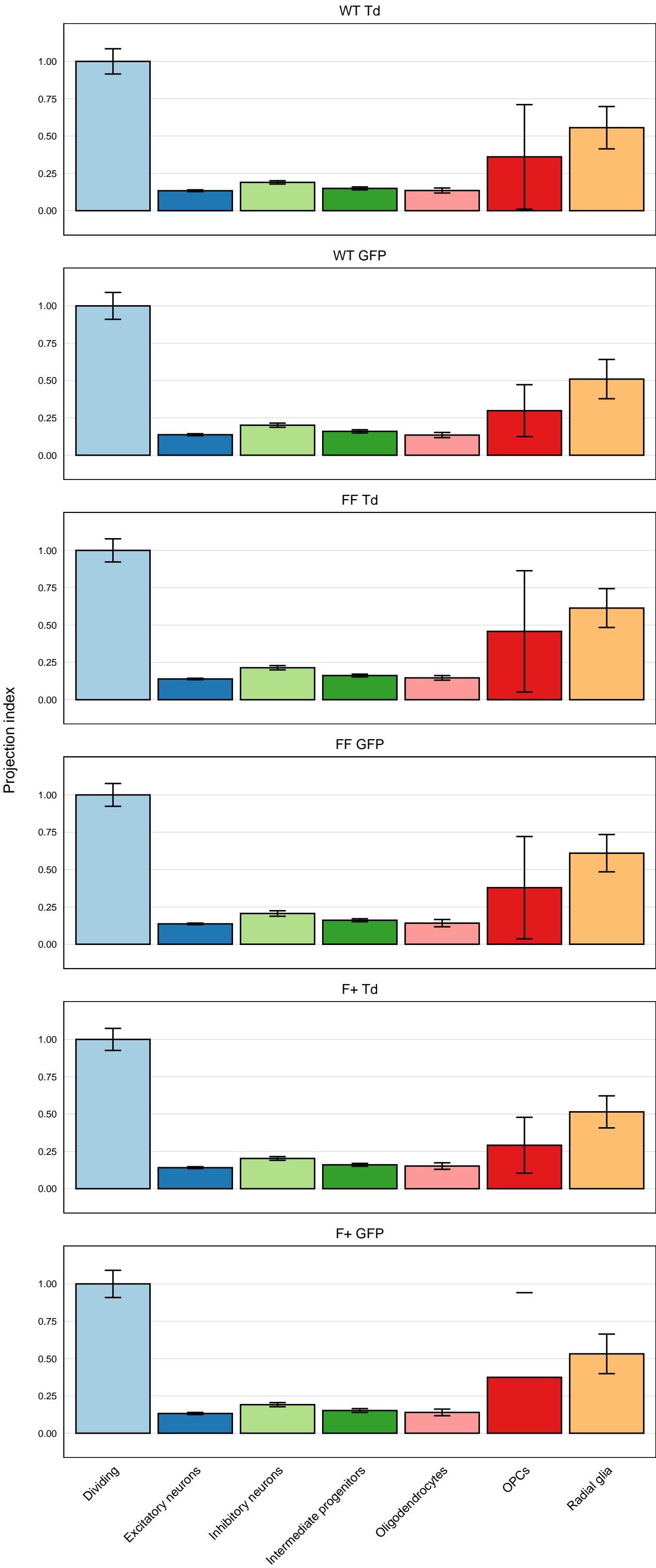




Top genes by kME

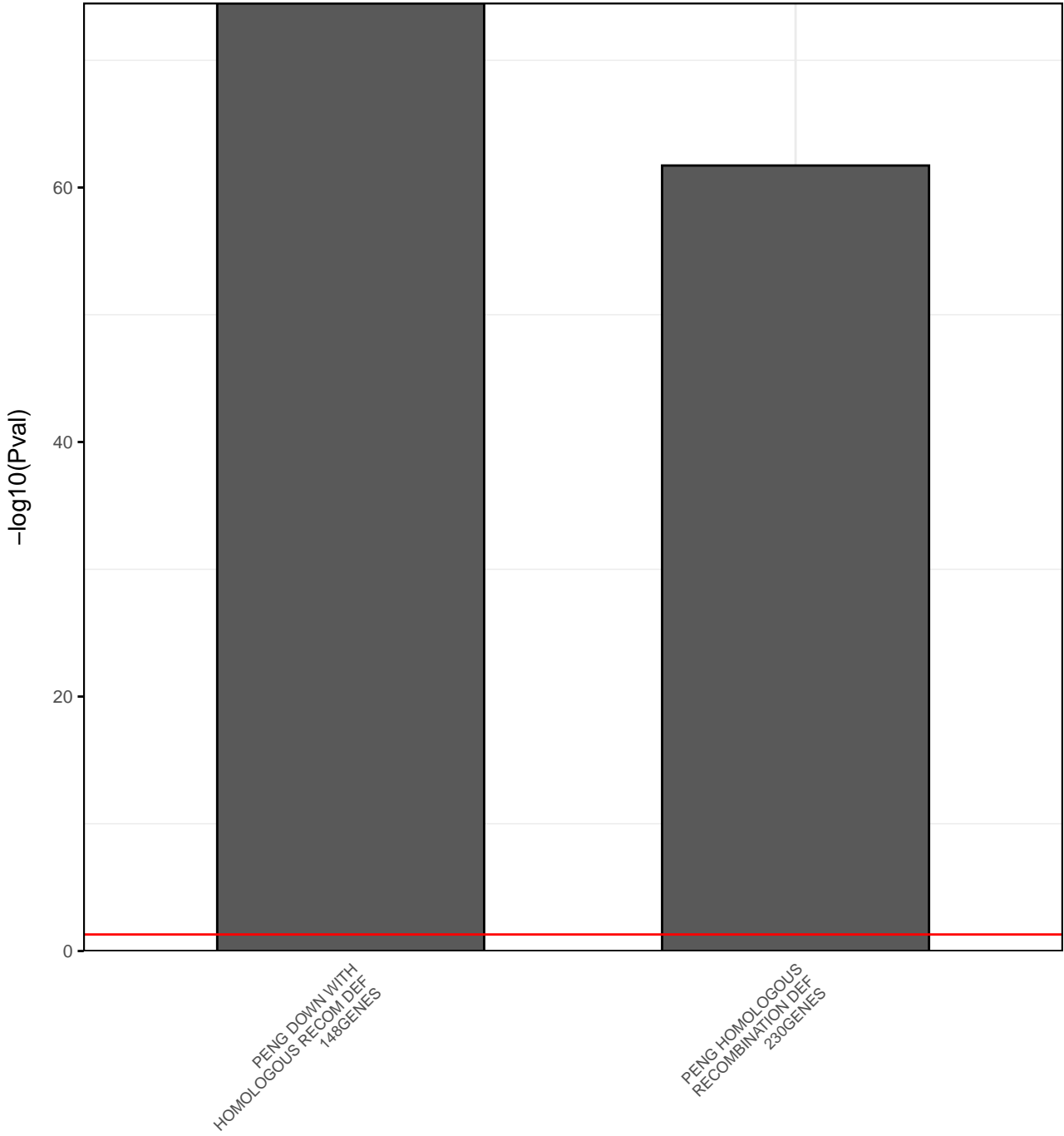
Arg2
Gm15594
Mir99ahg
Grem1
Nkain4
Gadd45g
Tnc
3110039M20Rik
Vxn
Cldn3
Tst
mt-Nd5
Veph1
mt-Nd4
Ctnbp2
Col12a1
Tmsb15b1
mt-Cytb
Gm38085
Nrp1

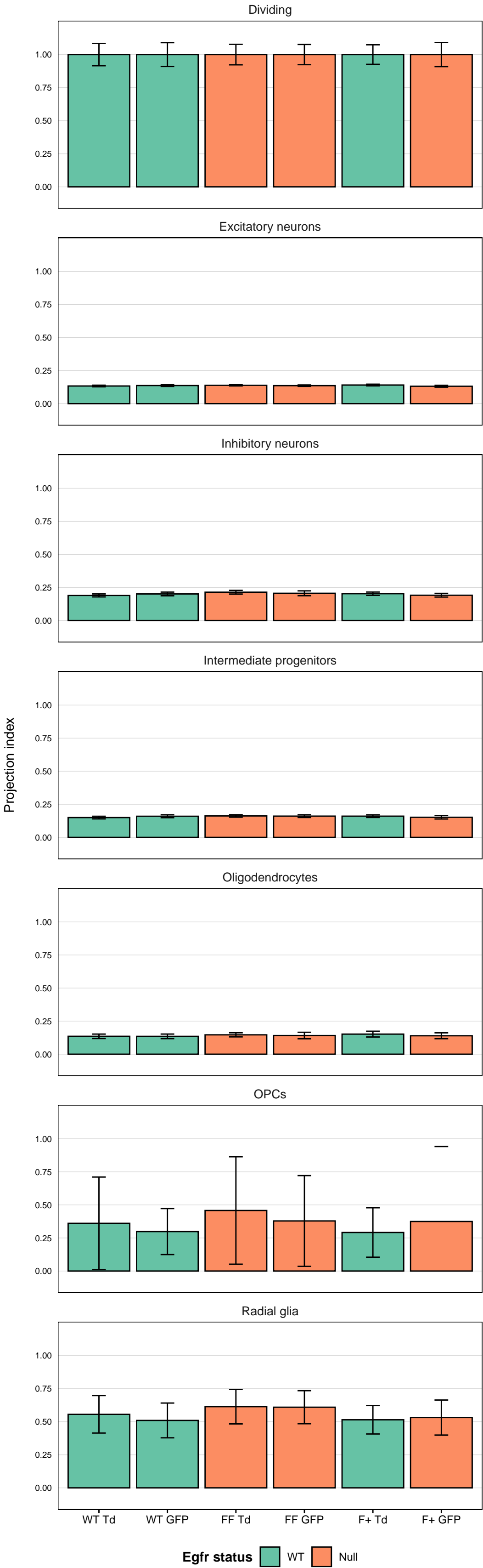




Top genes by kME

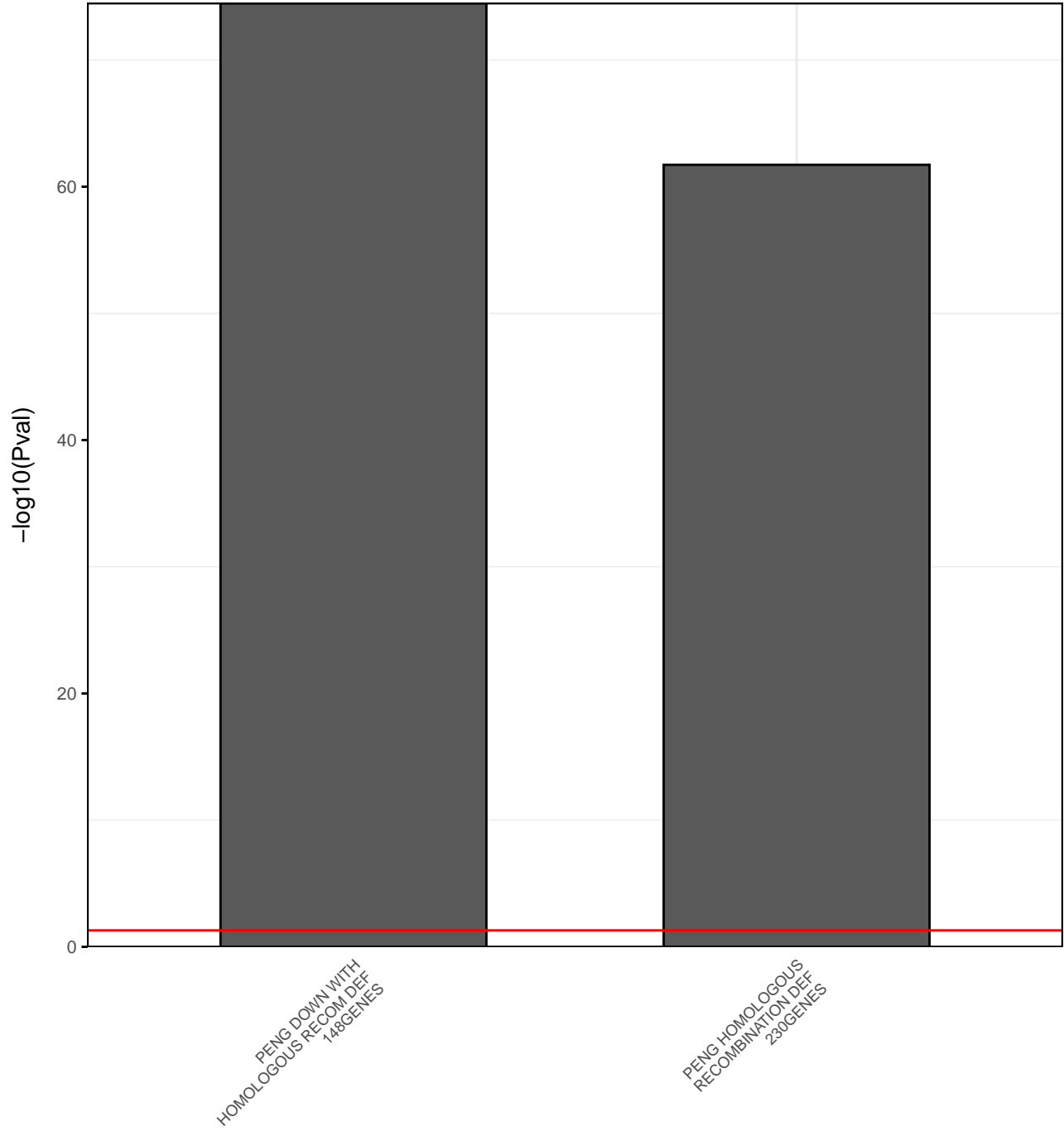
Nuf2
Nusap1
Kif11
Racgap1
Cdca2
Smc2
Knstrn
Lig1
Rrm2
Ect2
Ccnb1
Bub1
Anp32b
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Kif23
Mcm3
Tmpo
Dbf4
Clspn
Mad2l1

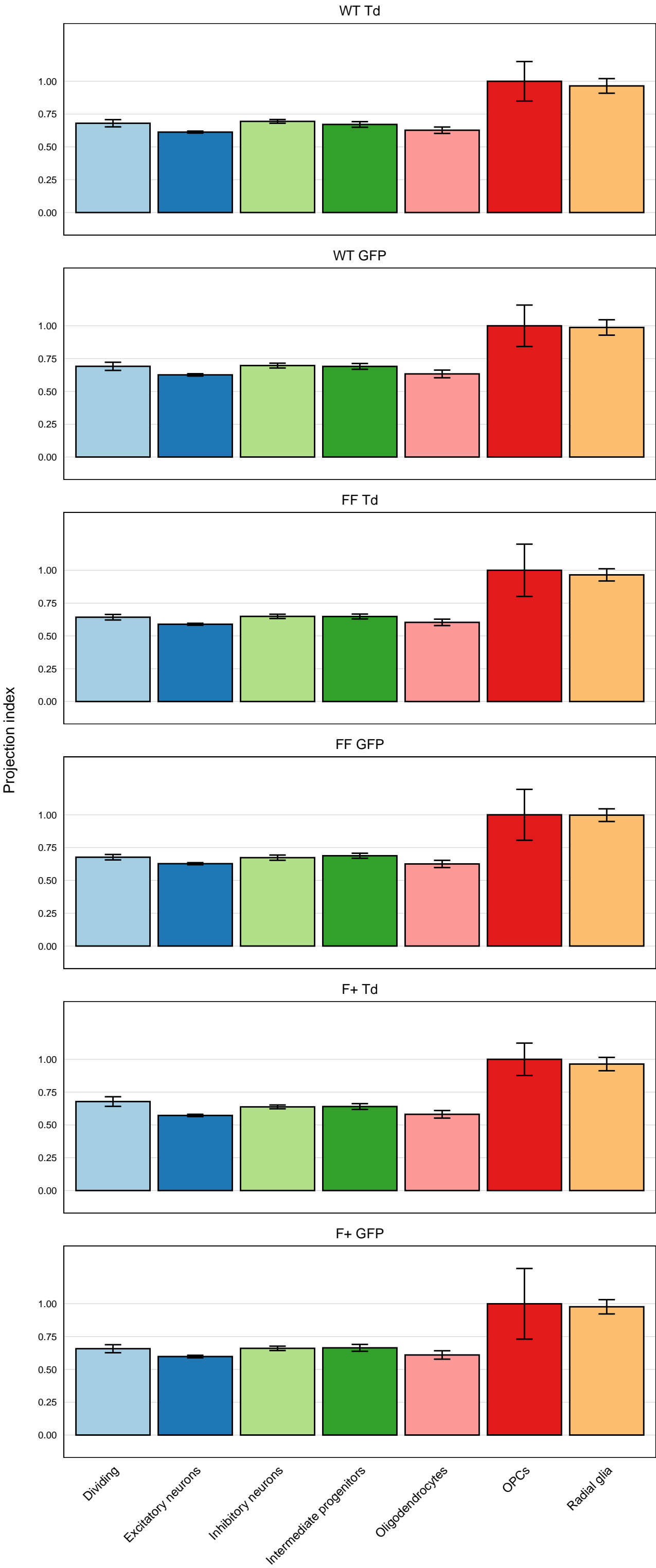




Top genes by kME

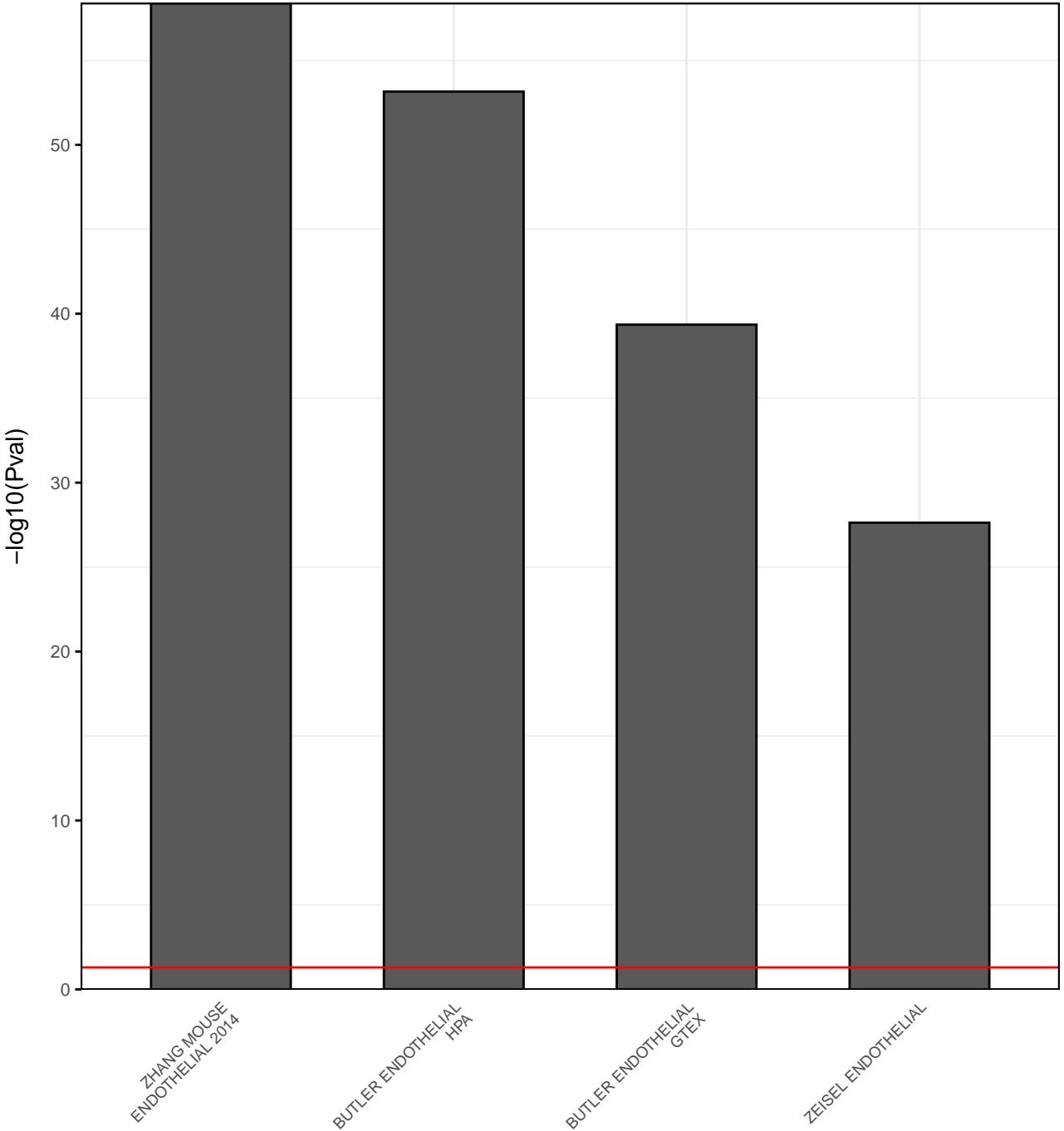
Nuf2
Nusap1
Kif11
Racgap1
Cdca2
Smc2
Knstrn
Lig1
Rrm2
Ect2
Ccnb1
Bub1
Anp32b
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Kif23
Mcm3
Tmpos
Dbf4
Clspn
Mad2l1

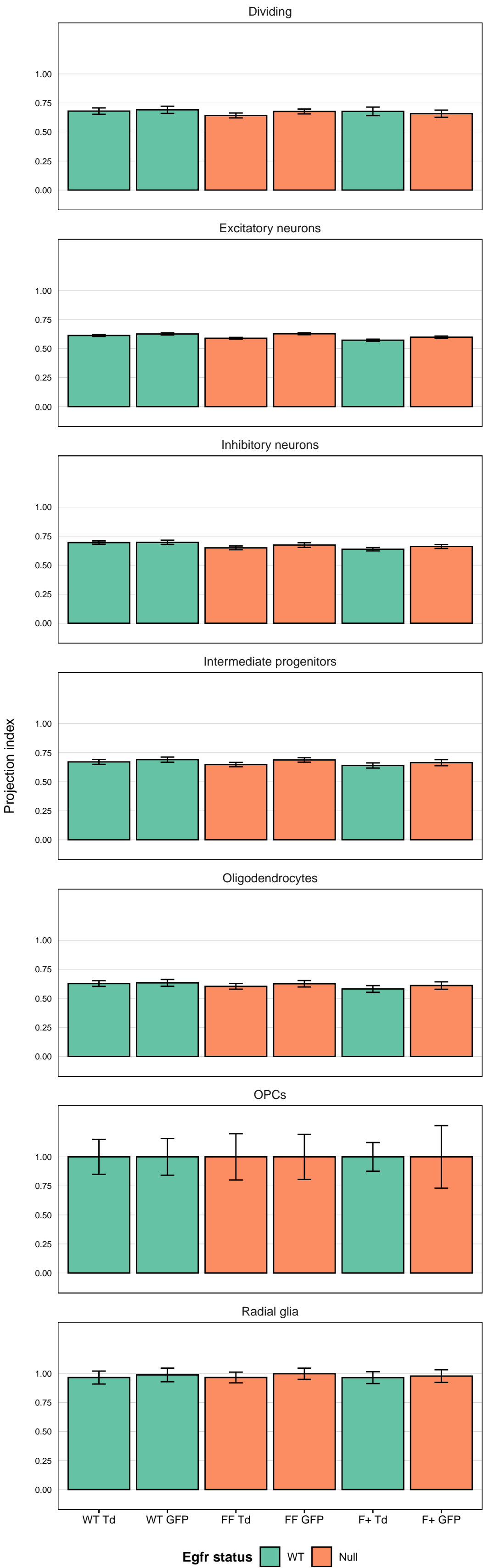




Top genes by kME

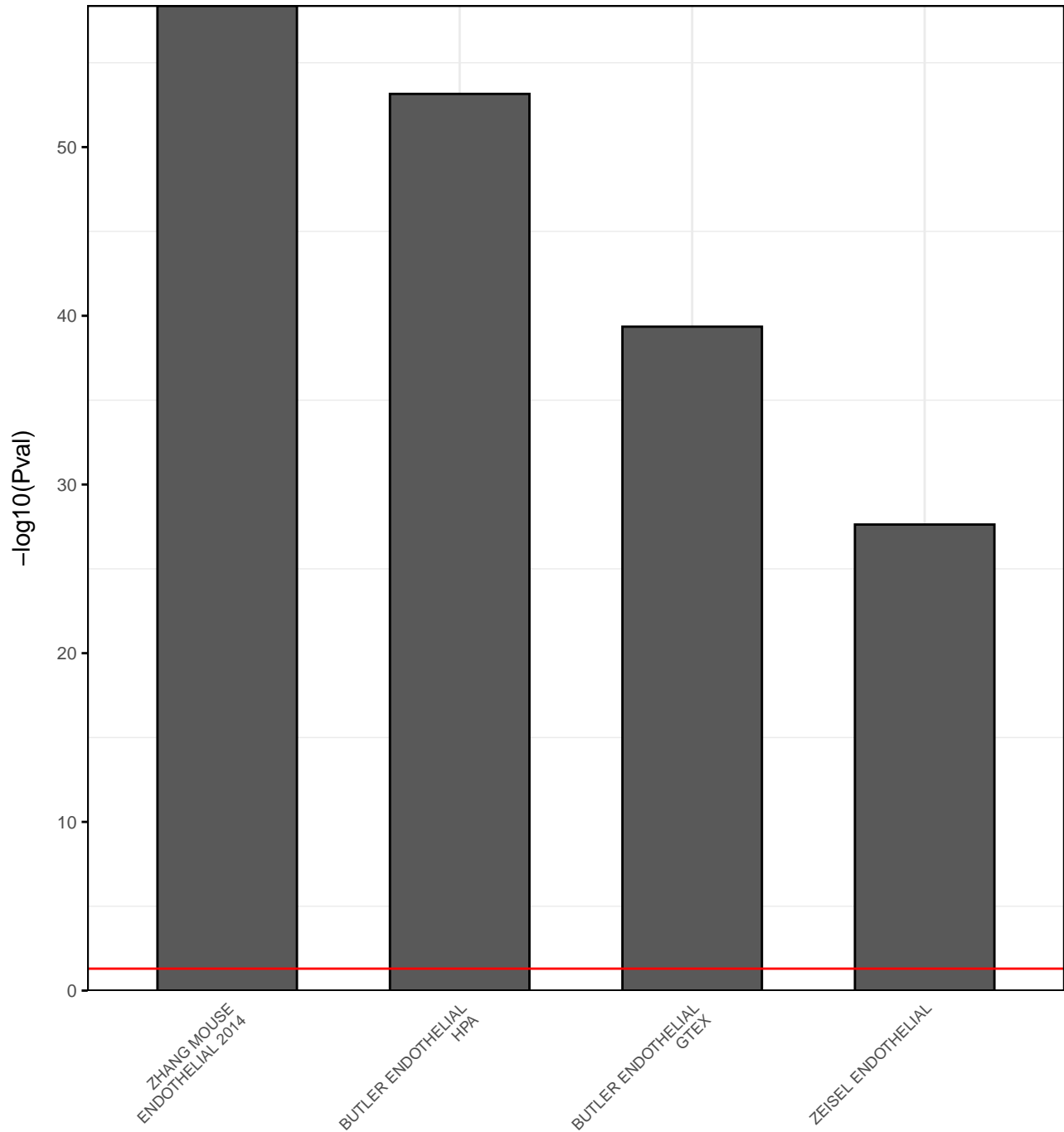
Serpine2
Ostf1
Mfge8
Sparc
Apoe
Mlc1
Id1
Lgals1
Olig1
Pdgfra
Ednrb
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Atp1a2
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Kbtbd11
Fam181b
Phgdh
Acadl
Dctpp1
Ttyh1

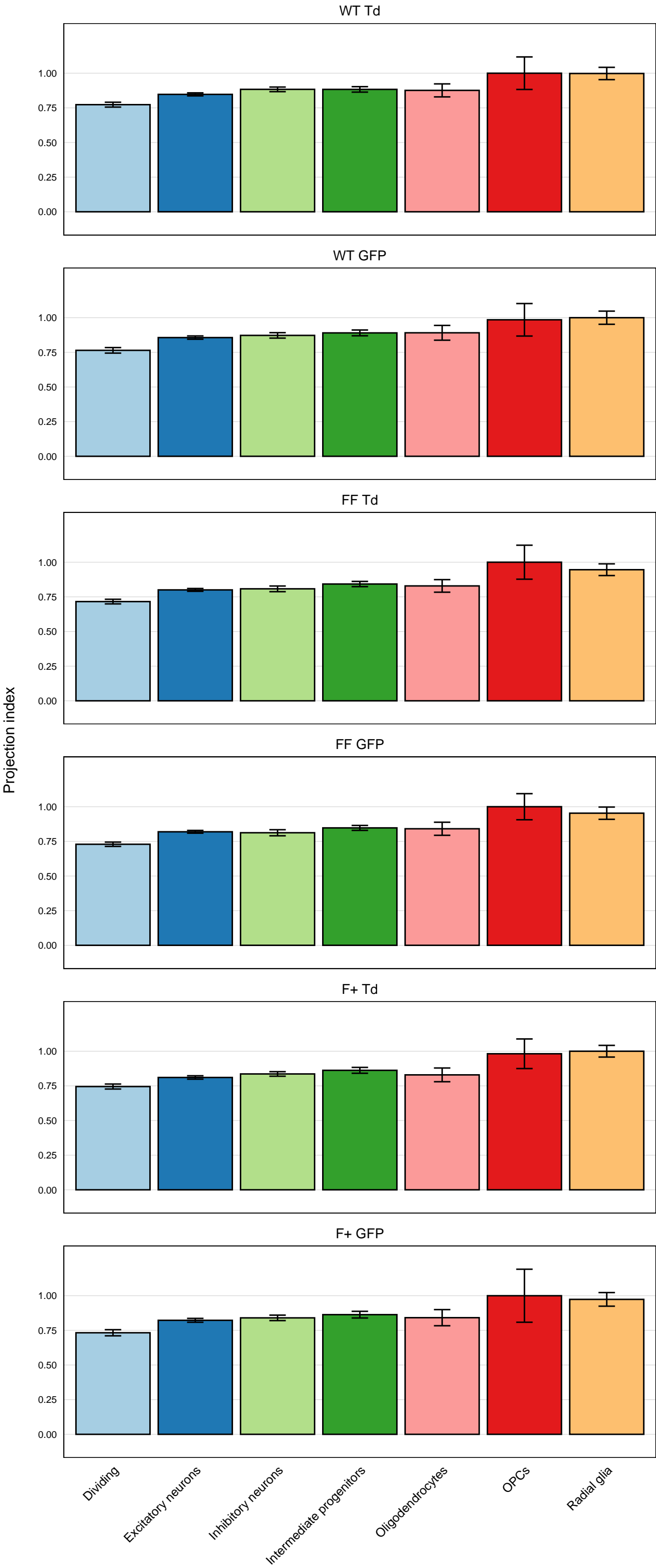




Top genes by kME

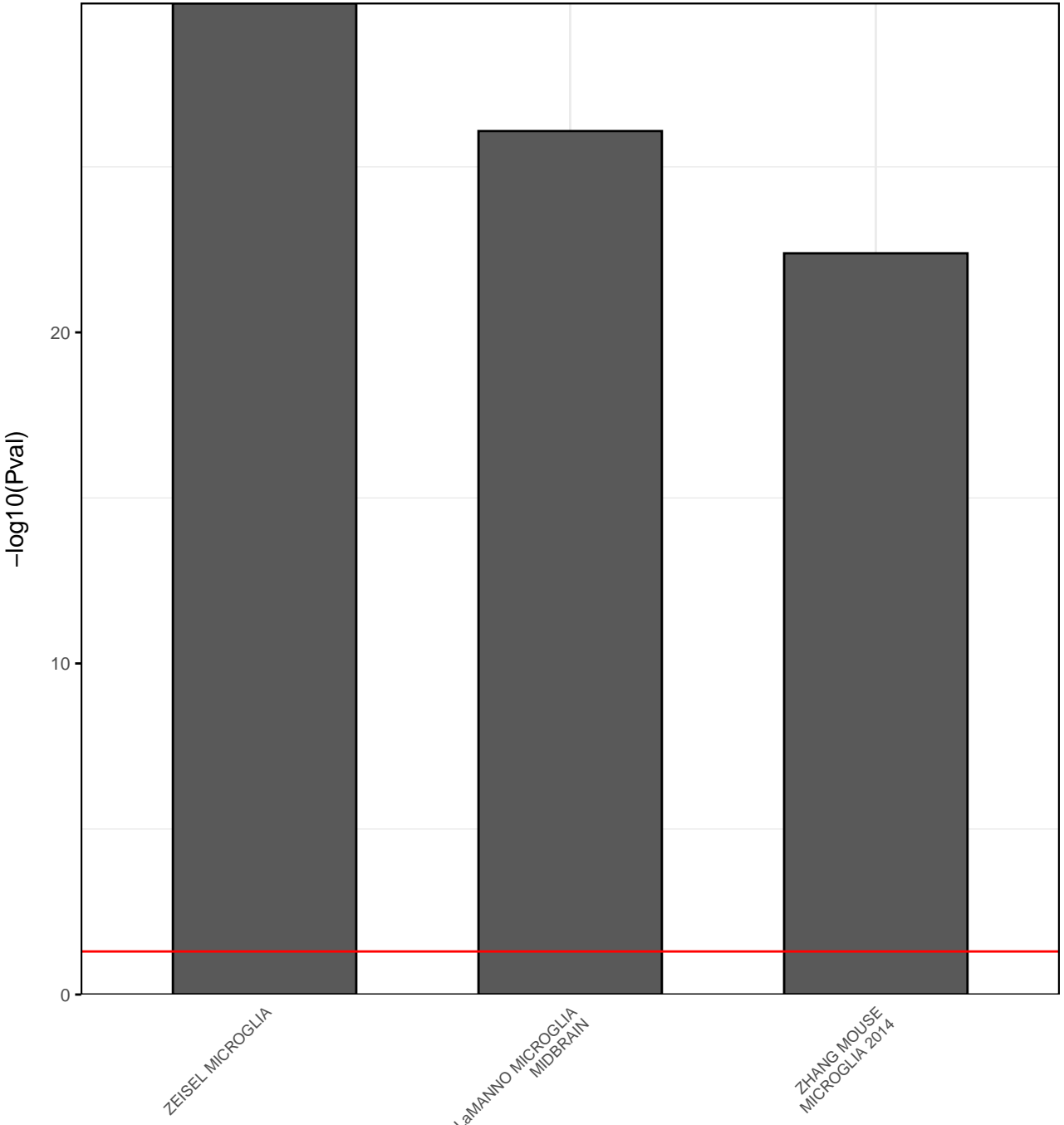
Serpine2
Ostf1
Mfge8
Sparc
ApoE
Mlc1
Id1
Lgals1
Olig1
Pdgfra
Ednrb
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Kbtbd11
Fam181b
Phgdh
Acadl
Dctpp1
Ttyh1

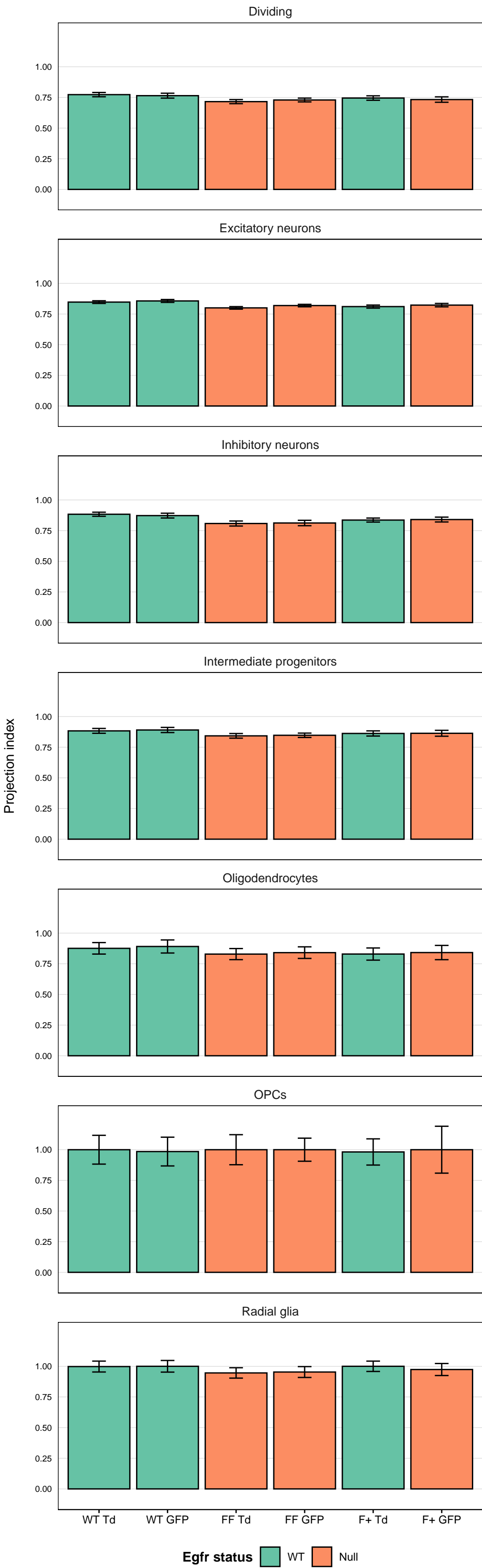




Top genes by kME

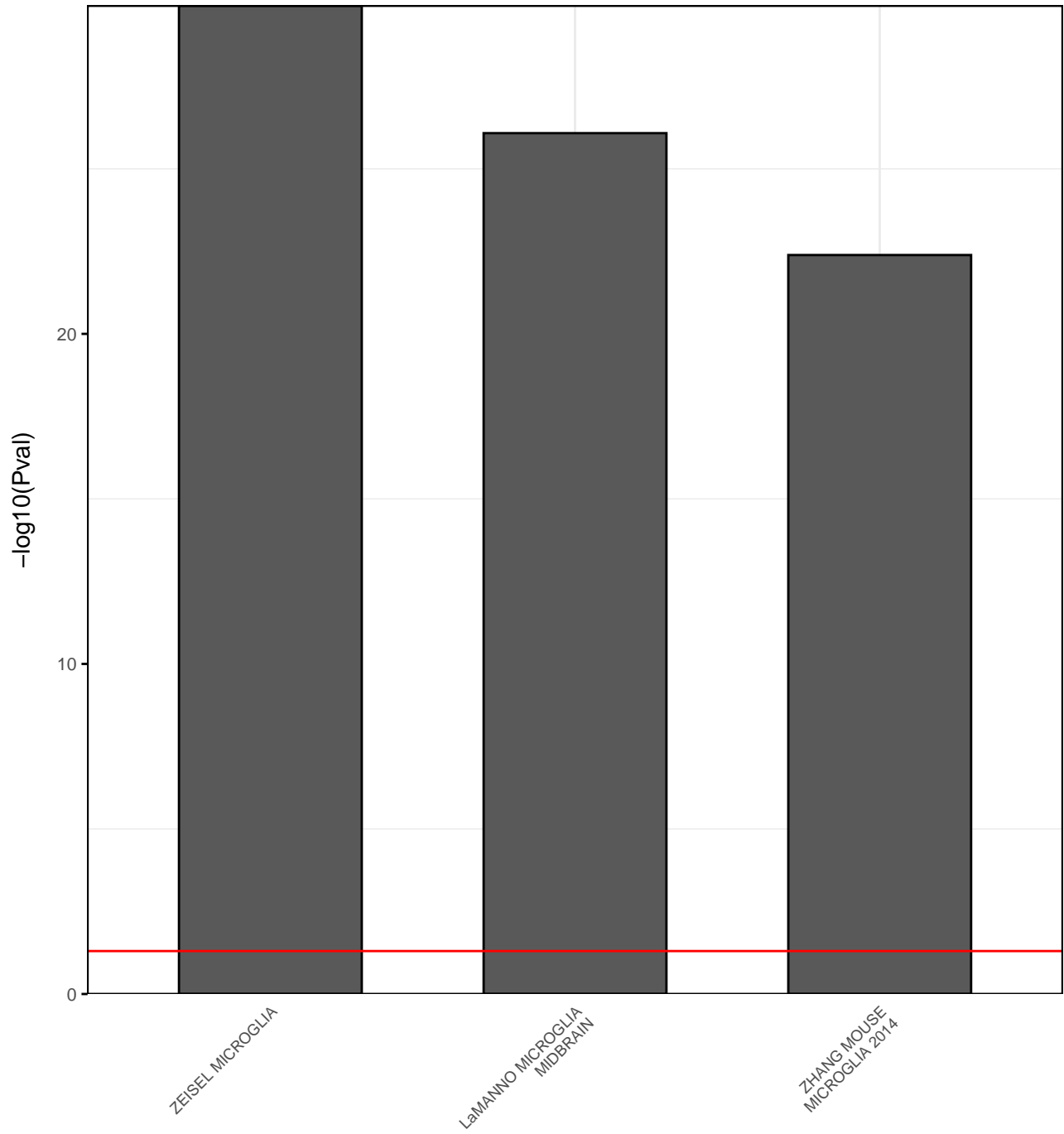
Synpr
Pla2g7
Nr2f2
Id1
Itgb5
mt-Atp6
Gm38604
ApoE
Bpgm
Ostf1
Sparc
Rwdd3
Scrg1
Gm26644
Rgs10
Gamt
Lxn
Slc9a3r1
mt-Co1
mt-Cytb

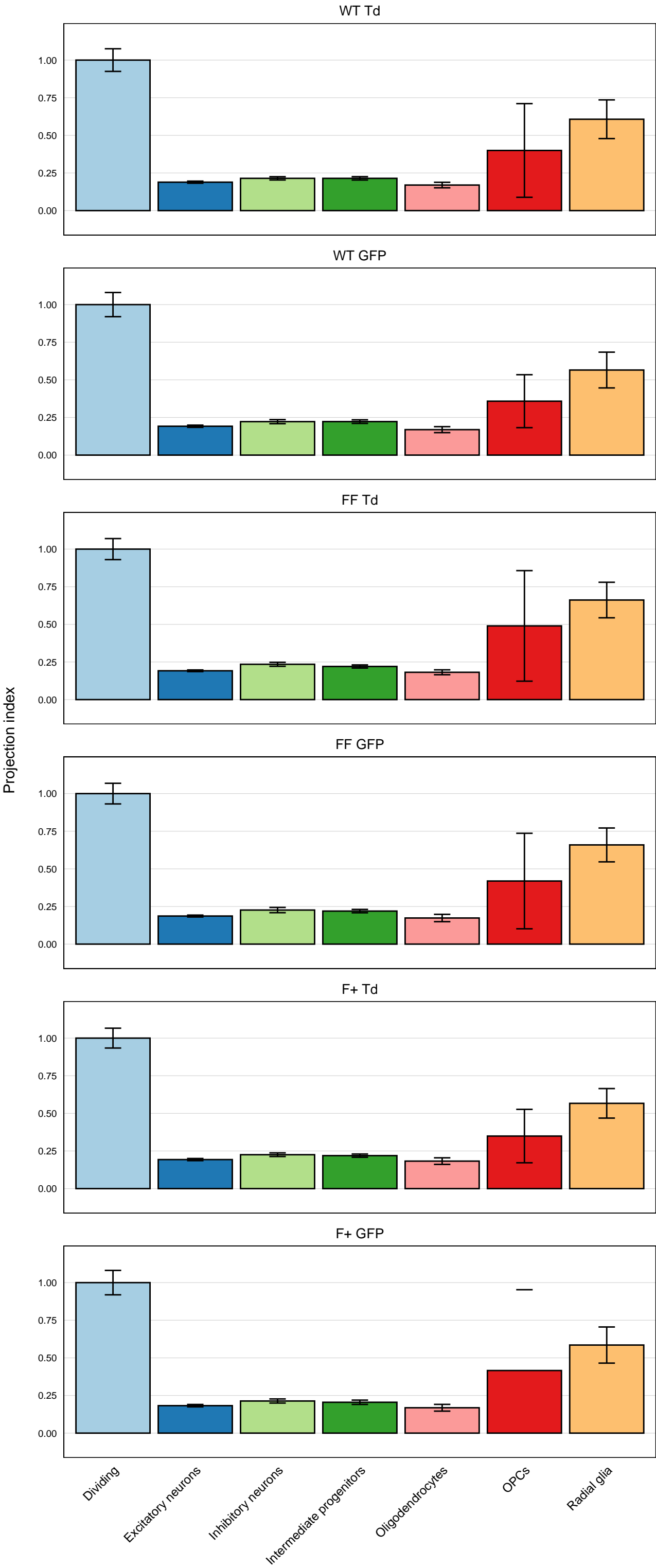




Top genes by kME

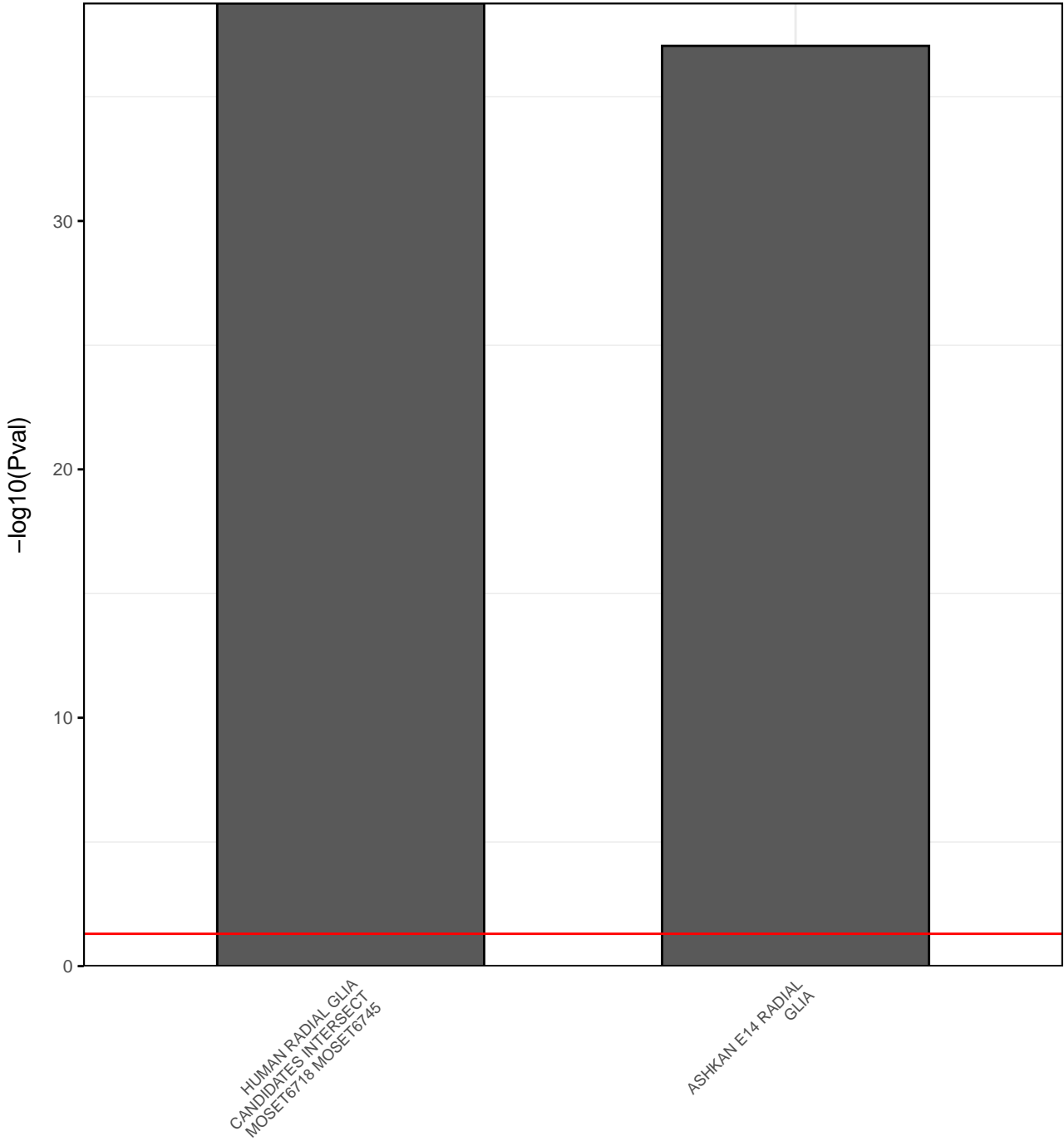
Synpr
Pla2g7
Nr2f2
Id1
Itgb5
mt-Atp6
Gm38604
ApoE
Bpgm
Ostf1
Sparc
Rwdd3
Scrg1
Gm26644
Rgs10
Gamt
Lxn
Slc9a3r1
mt-Co1
mt-Cytb

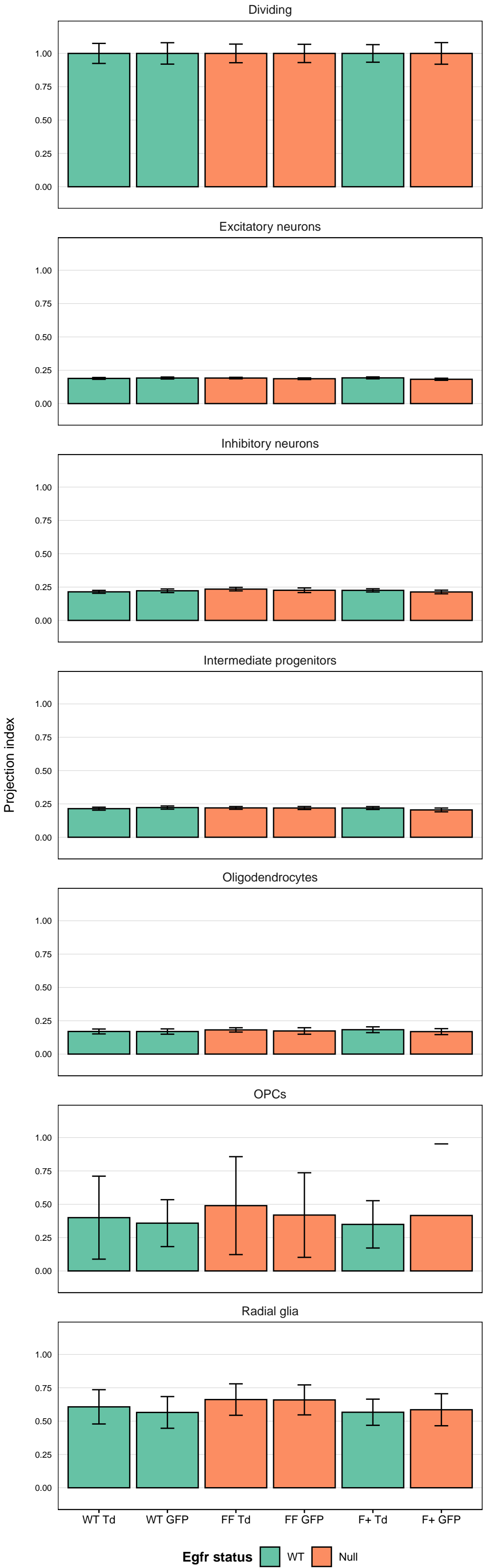




Top genes by kME

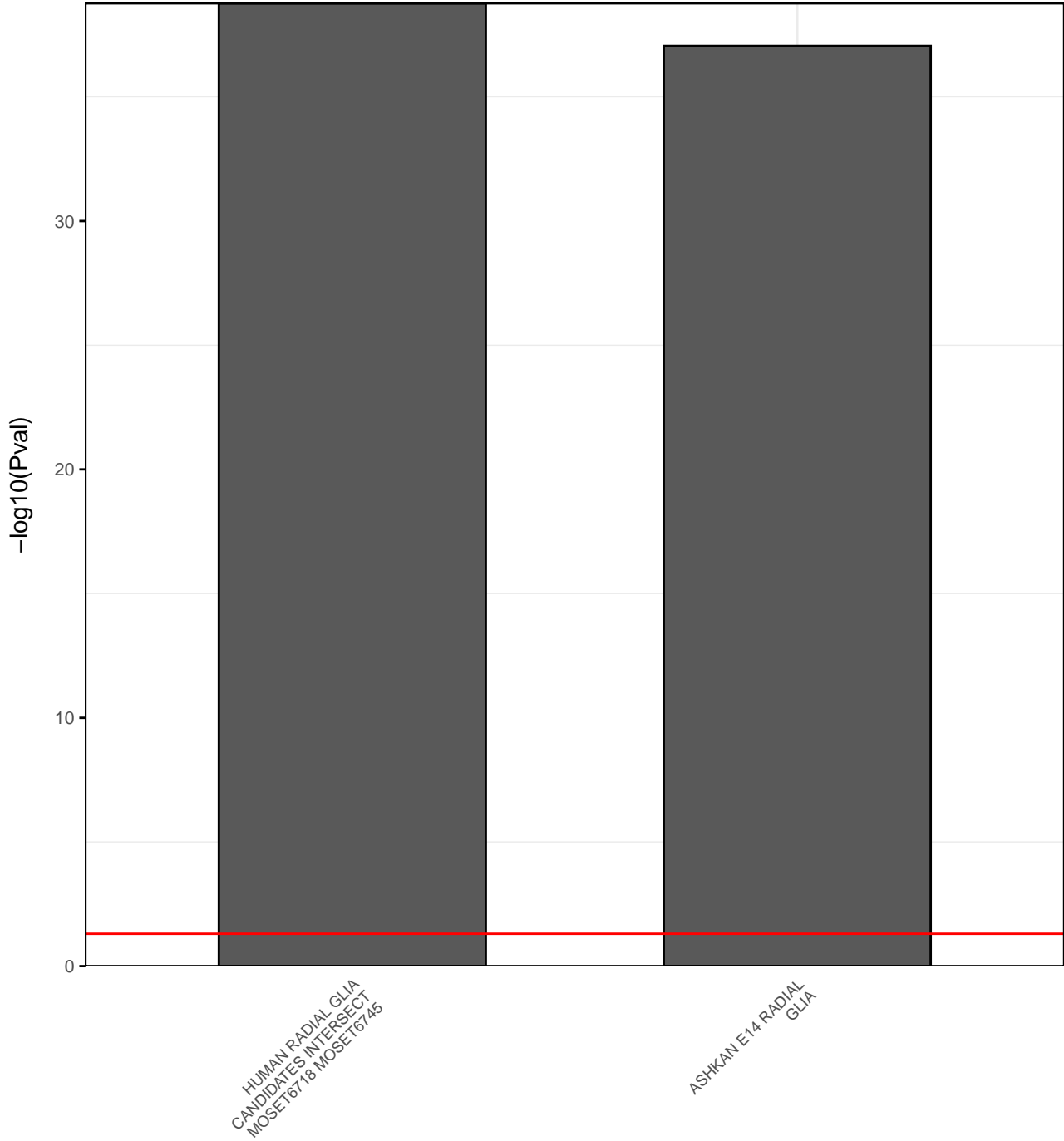
Pttg1
Cirbp
Lix1
Ctsl
Traf4
Kctd4
Hes5
Cenpw
Shd
Rtraf
Rbm3
Ckb
Tax1bp3
2600014E21Rik
Snhg5
Itga6
Siva1
Insig1
Selenoh
Txn1

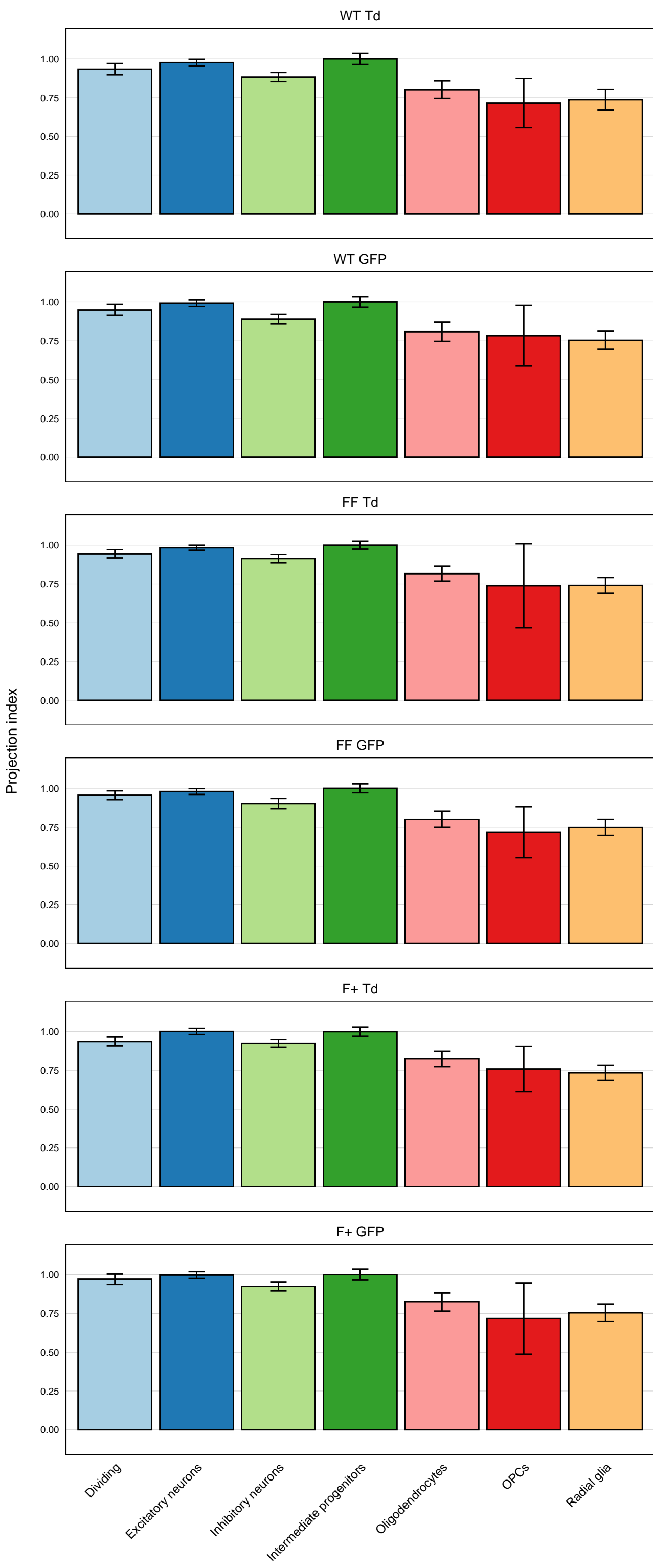




Top genes by kME

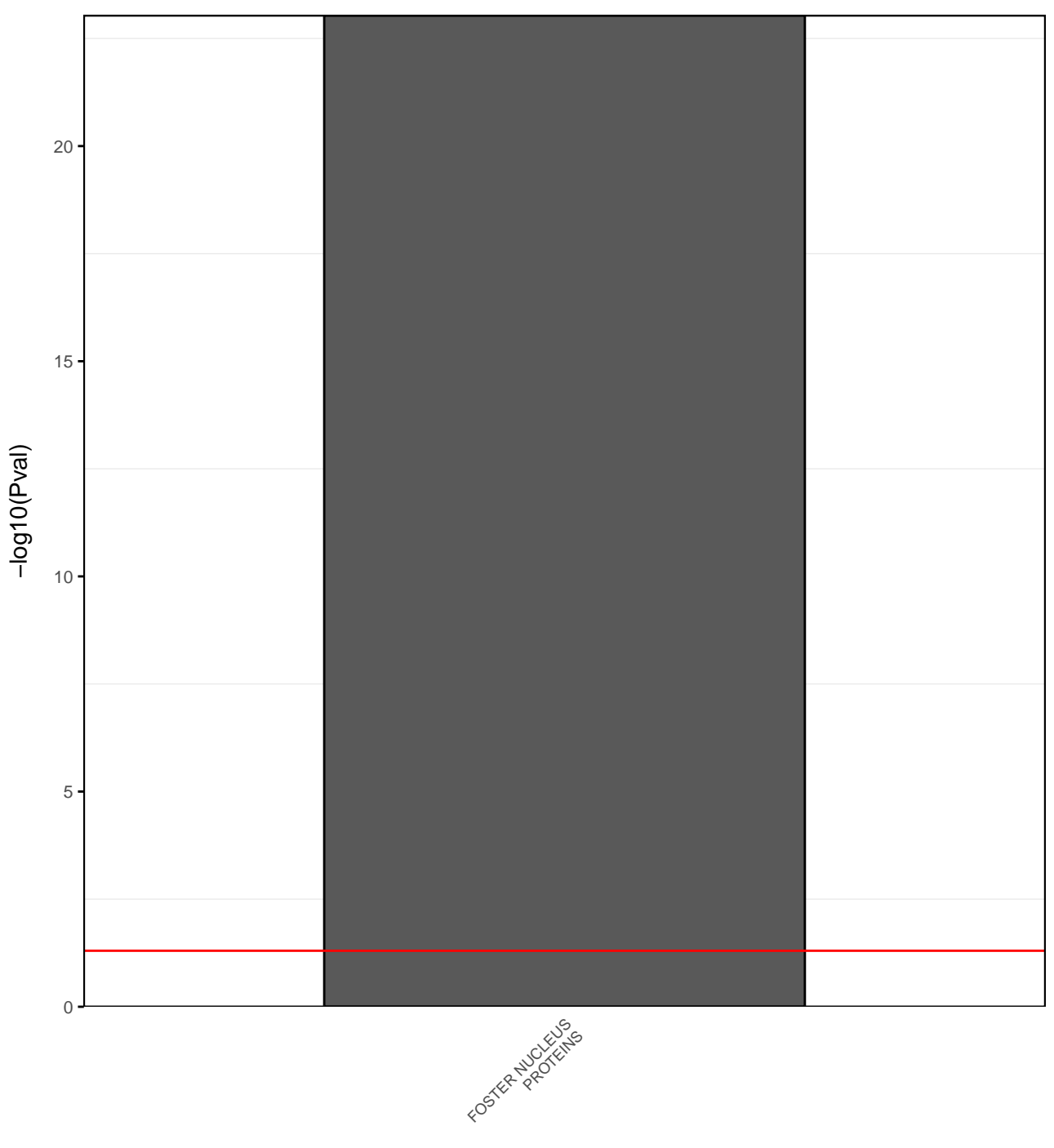
Pttg1
Cirbp
Lix1
Ctsl
Traf4
Kctd4
Hes5
Cenpw
Shd
Rtraf
Rbm3
Ckb
Tax1bp3
2600014E21Rik
Snhg5
Itga6
Siva1
Insig1
Selenoh
Txn1

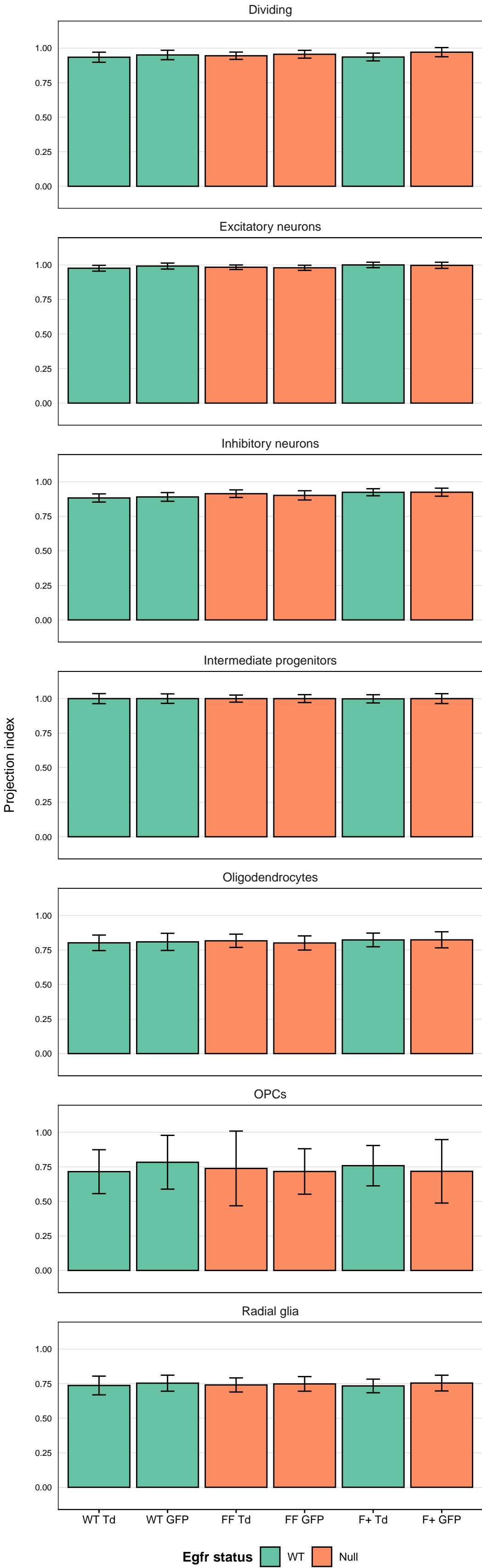




Top genes by kME

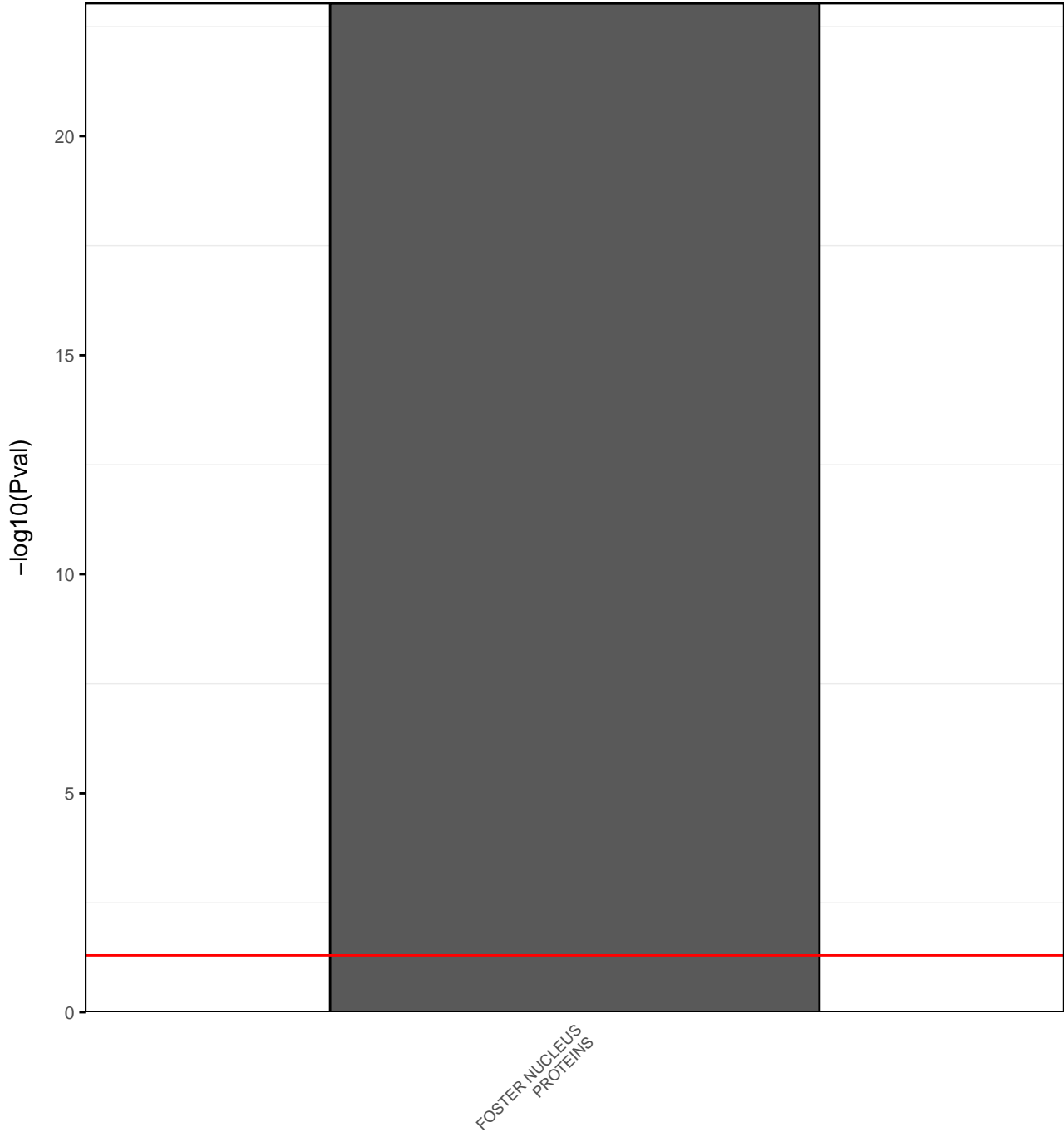
- Ccdc177
- Baz1b
- Frmd5
- Psd3
- Ralgapa2
- Hnrnpu
- Tacc1
- Ncl
- Smc1a
- Scd2
- Rad21
- Chd9
- Rif1
- Zc3h12c
- Zeb2
- Myo1b
- Reep3
- Satb1
- Enc1
- Coro1c

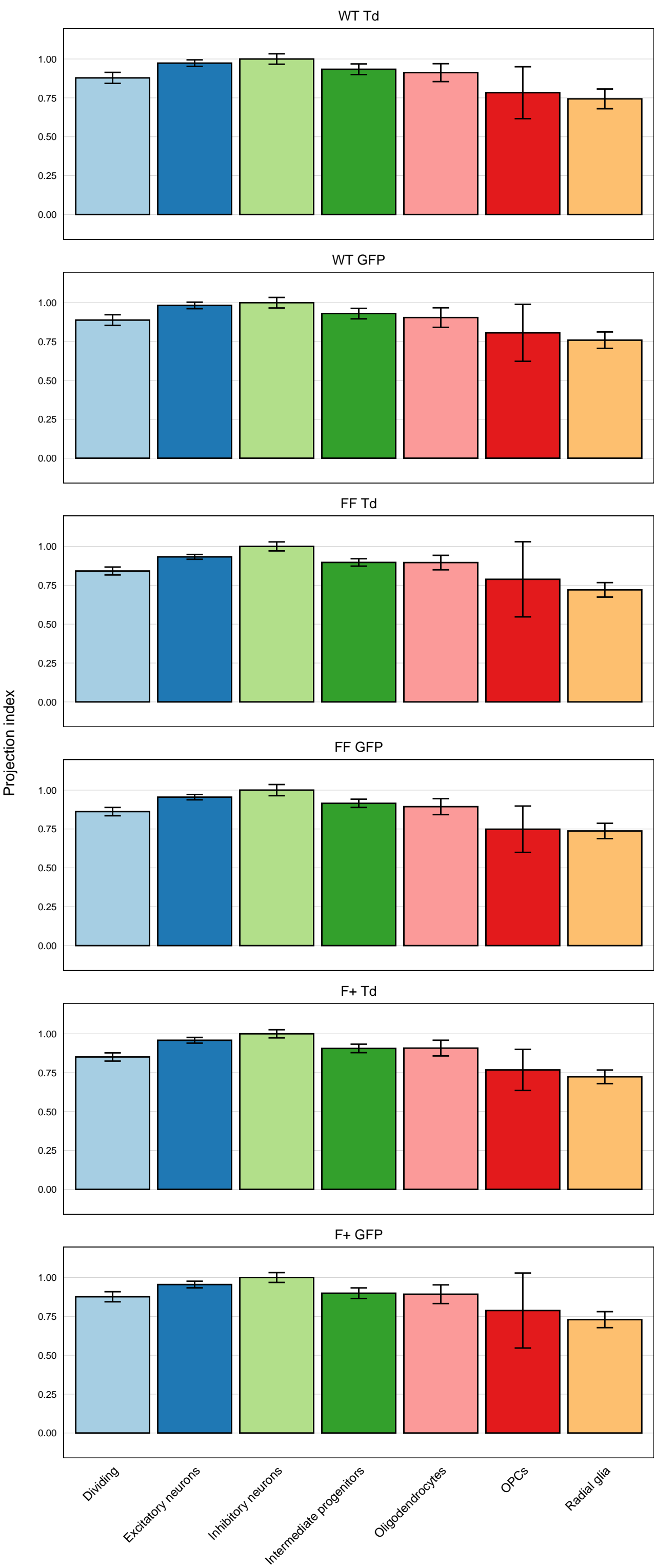




Top genes by kME

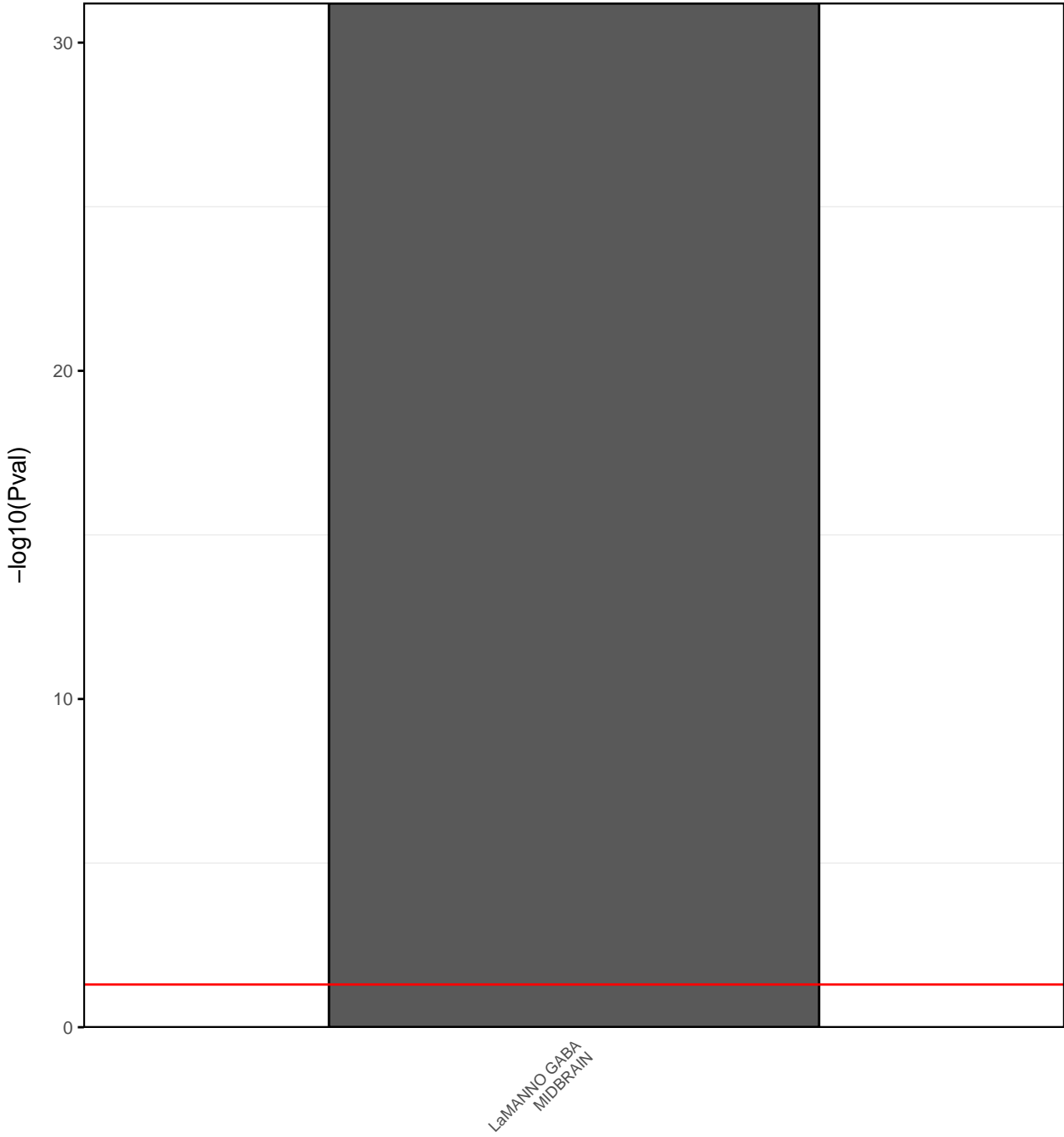
Ccdc177
Baz1b
Frmd5
Psd3
Ralgapa2
Hnrnpu
Tacc1
Ncl
Smc1a
Scd2
Rad21
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Zeb2
Myo1b
Reep3
Satb1
Enc1
Coro1c

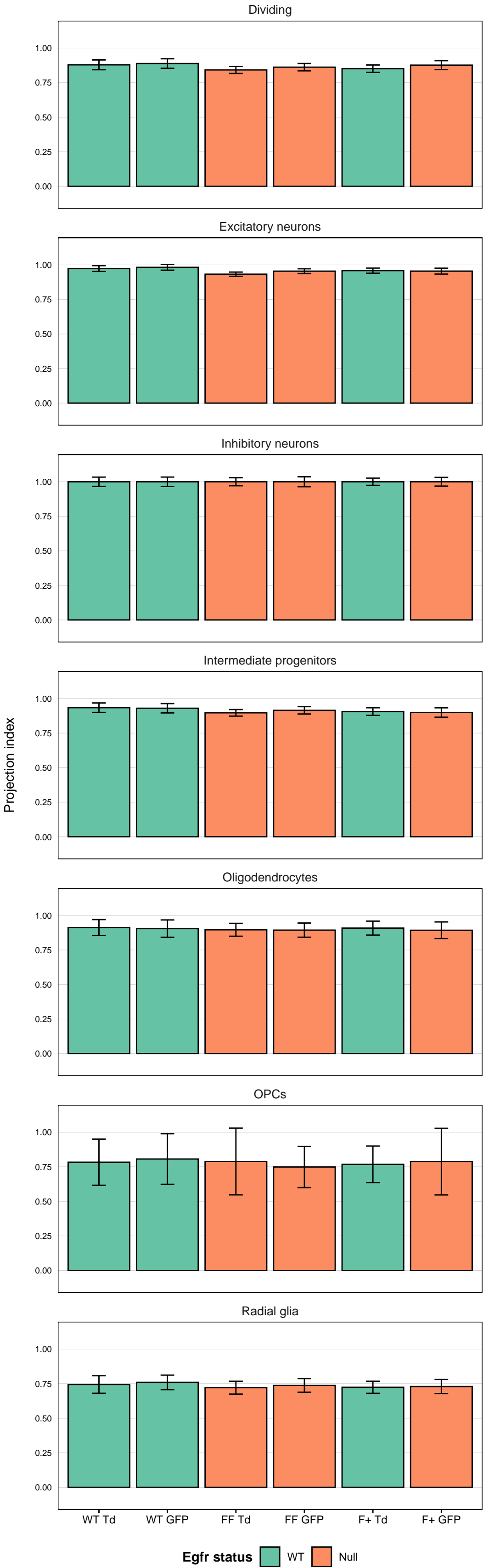




Top genes by kME

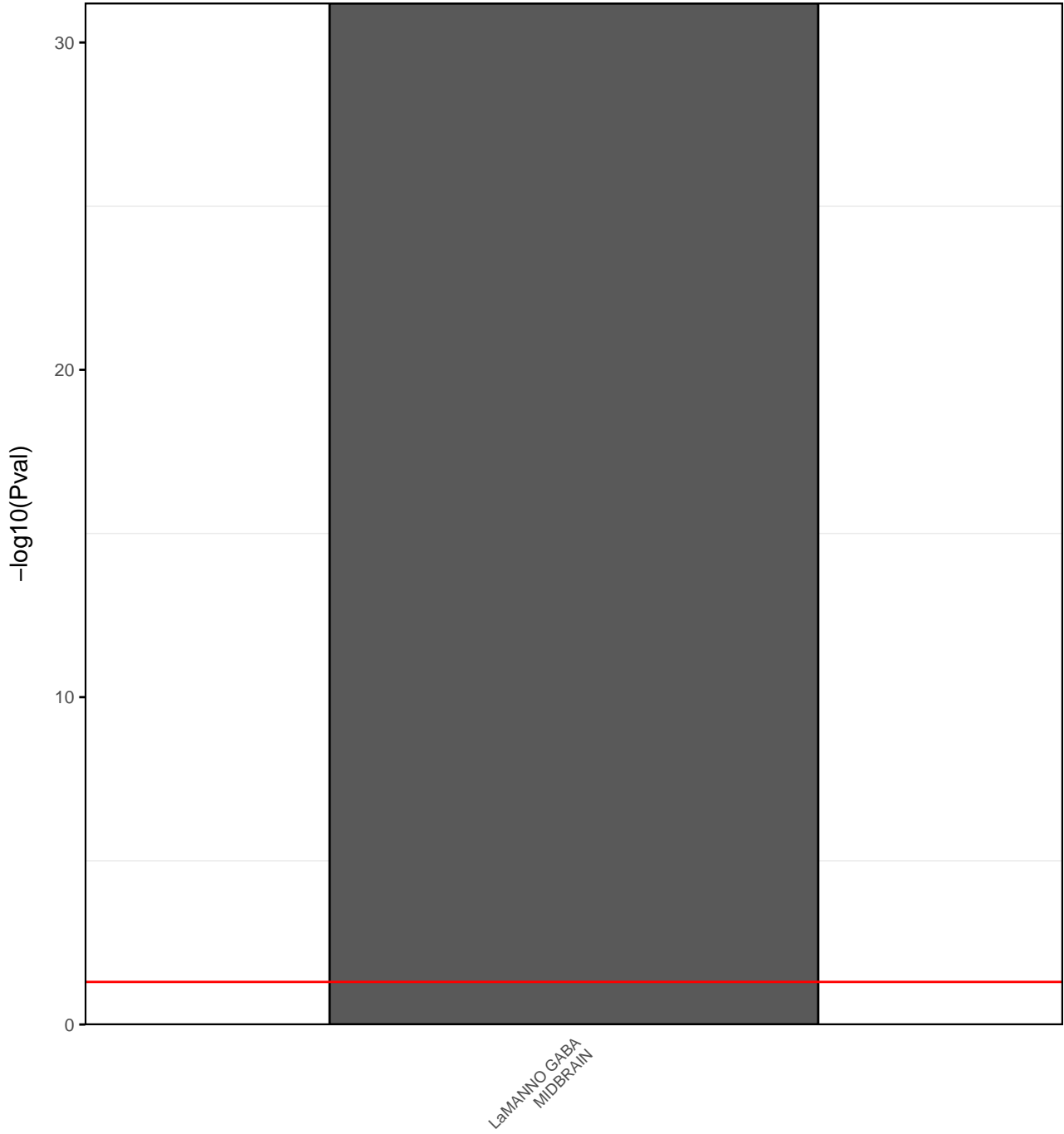
Bdp1
Dennd5b
Nsd2
Unc79
Chd9
Asxl3
Ckap5
Dnmt1
Ssh2
Camsap2
Pygo1
Lpin1
Nucks1
Zdhhc17
Arid4a
Cbx5
Chd2
Nfat5
Sestd1
Kmt5b

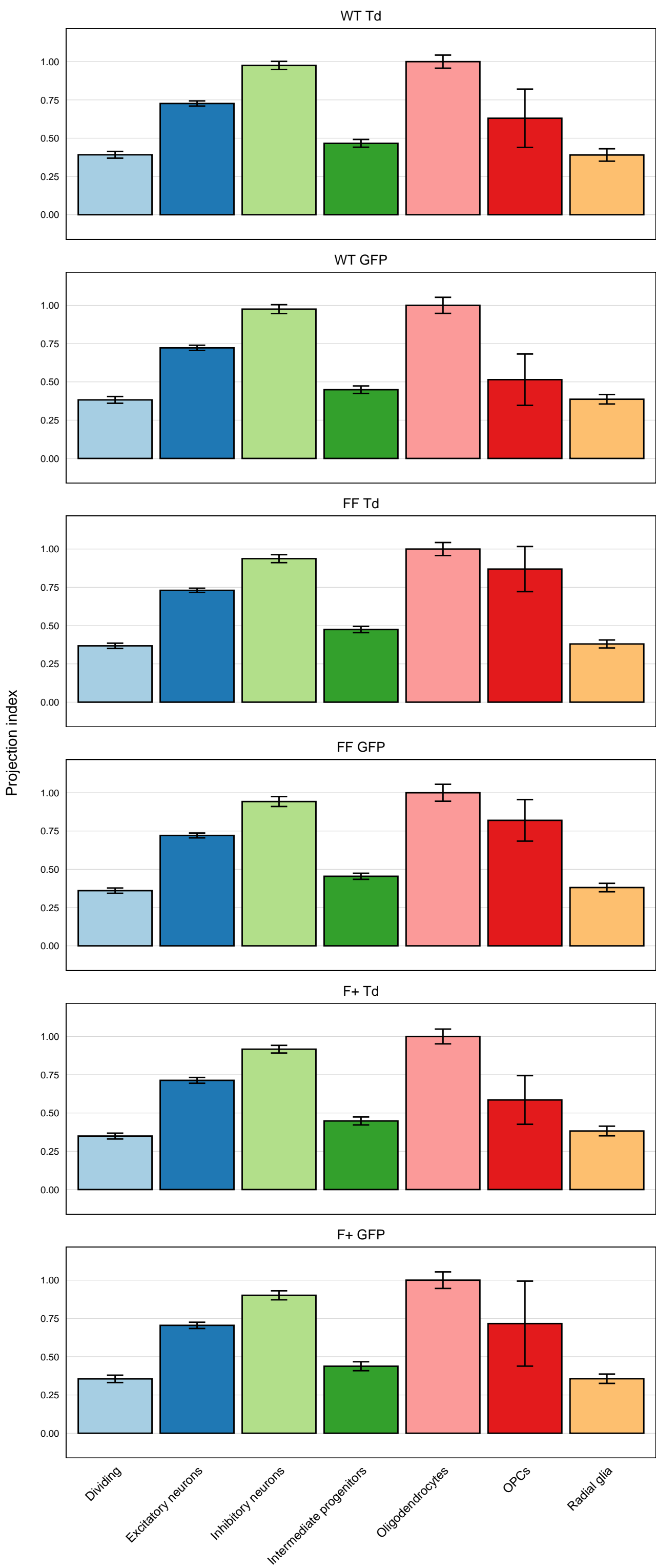




Top genes by kME

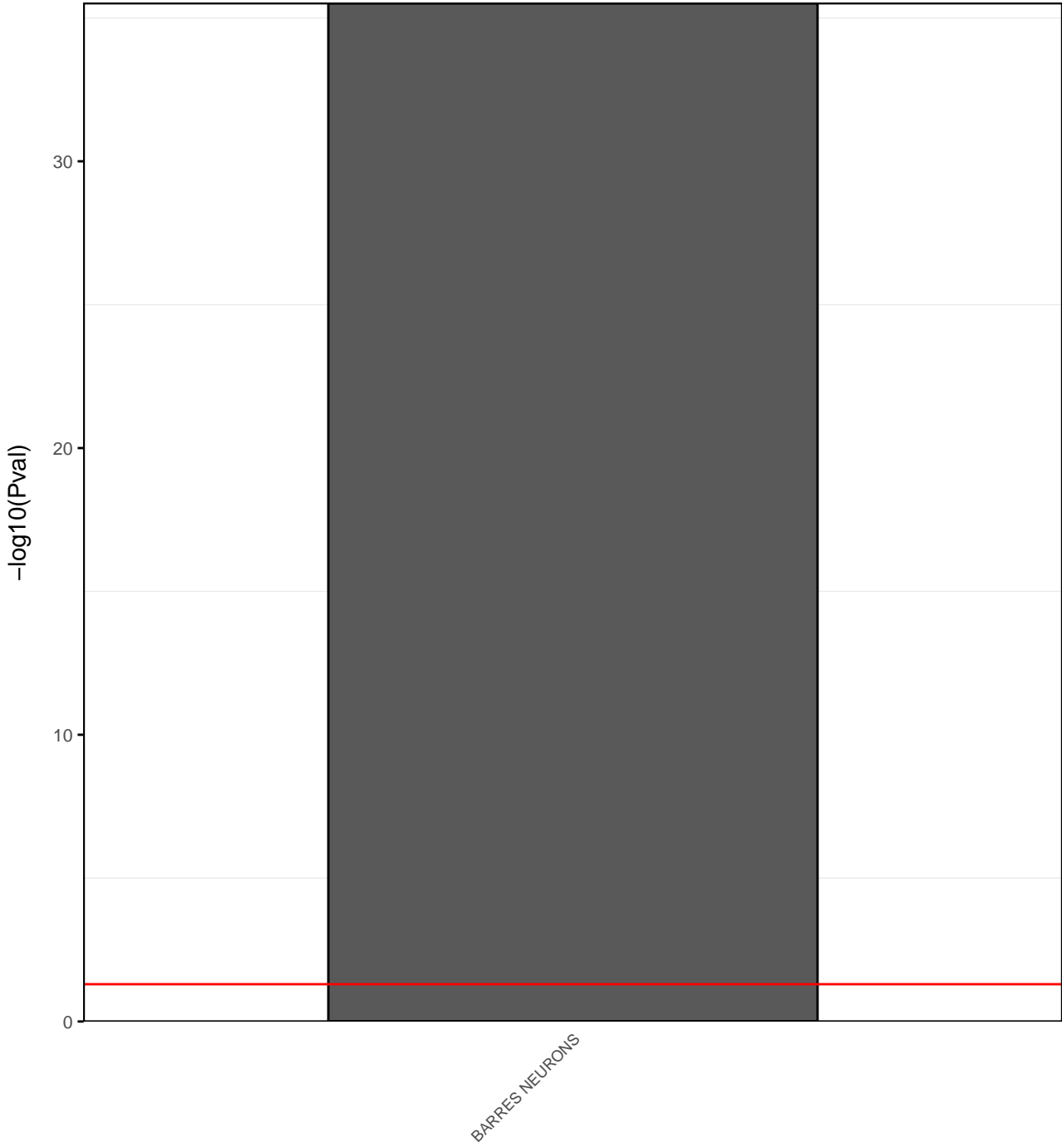
Bdp1
Dennd5b
Nsd2
Unc79
Chd9
Asxl3
Ckap5
Dnmt1
Ssh2
Camsap2
Pygo1
Lpin1
Nucks1
Zdhhc17
Arid4a
Cbx5
Chd2
Nfat5
Sestd1
Kmt5b

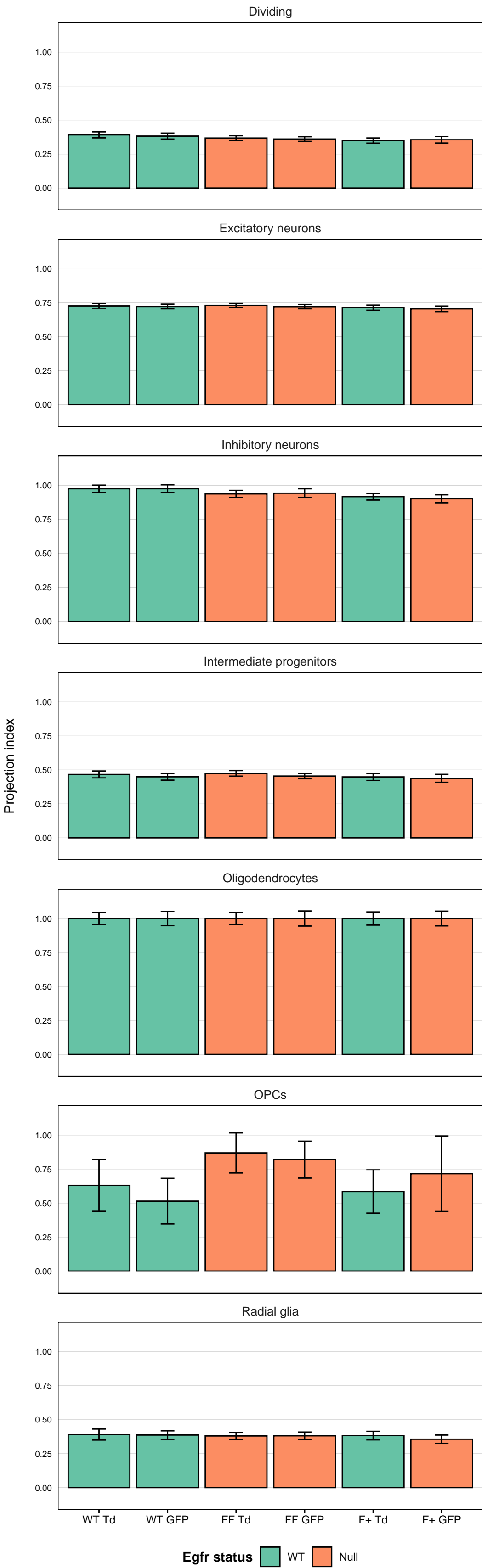




Top genes by kME

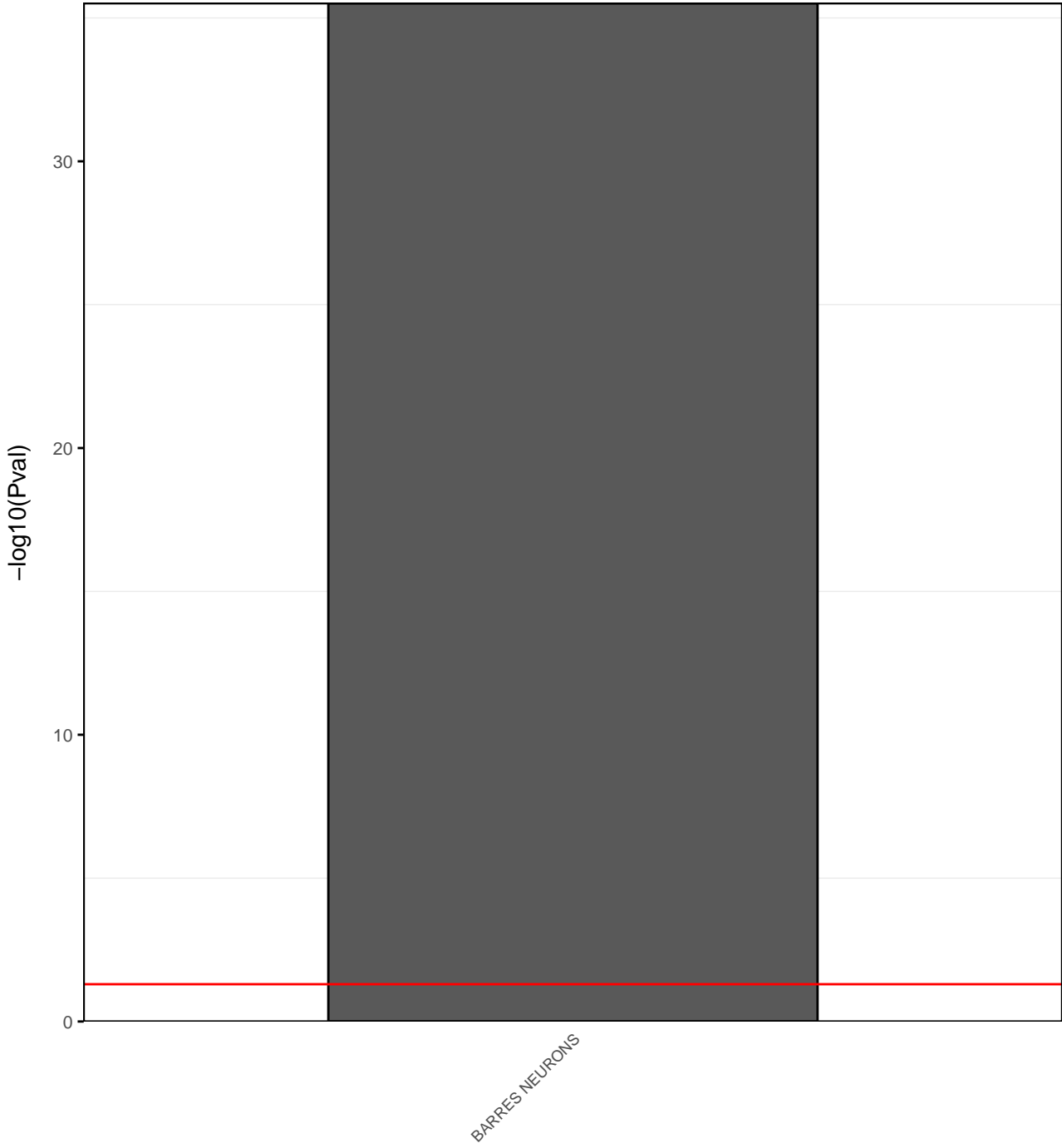
Efnb3
Cadm1
Syt1
Zdhhc2
Gria1
Slc6a1
Grm5
Syt5
Rian
Tenm1
Dner
Shank1
St6galnac5
Adgrl3
Epb41l1
Ripor2
Gria4
Slc4a3
Adgrb3
Nrnx1

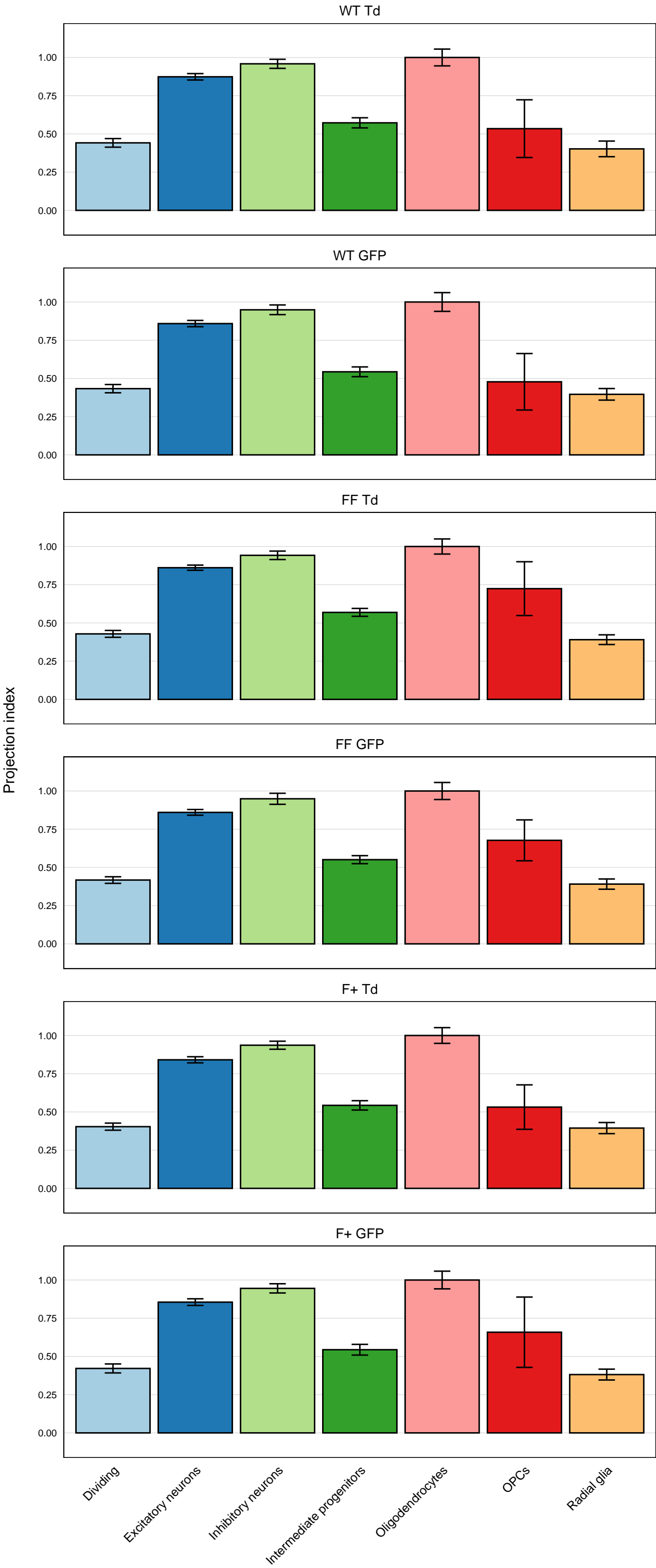




Top genes by kME

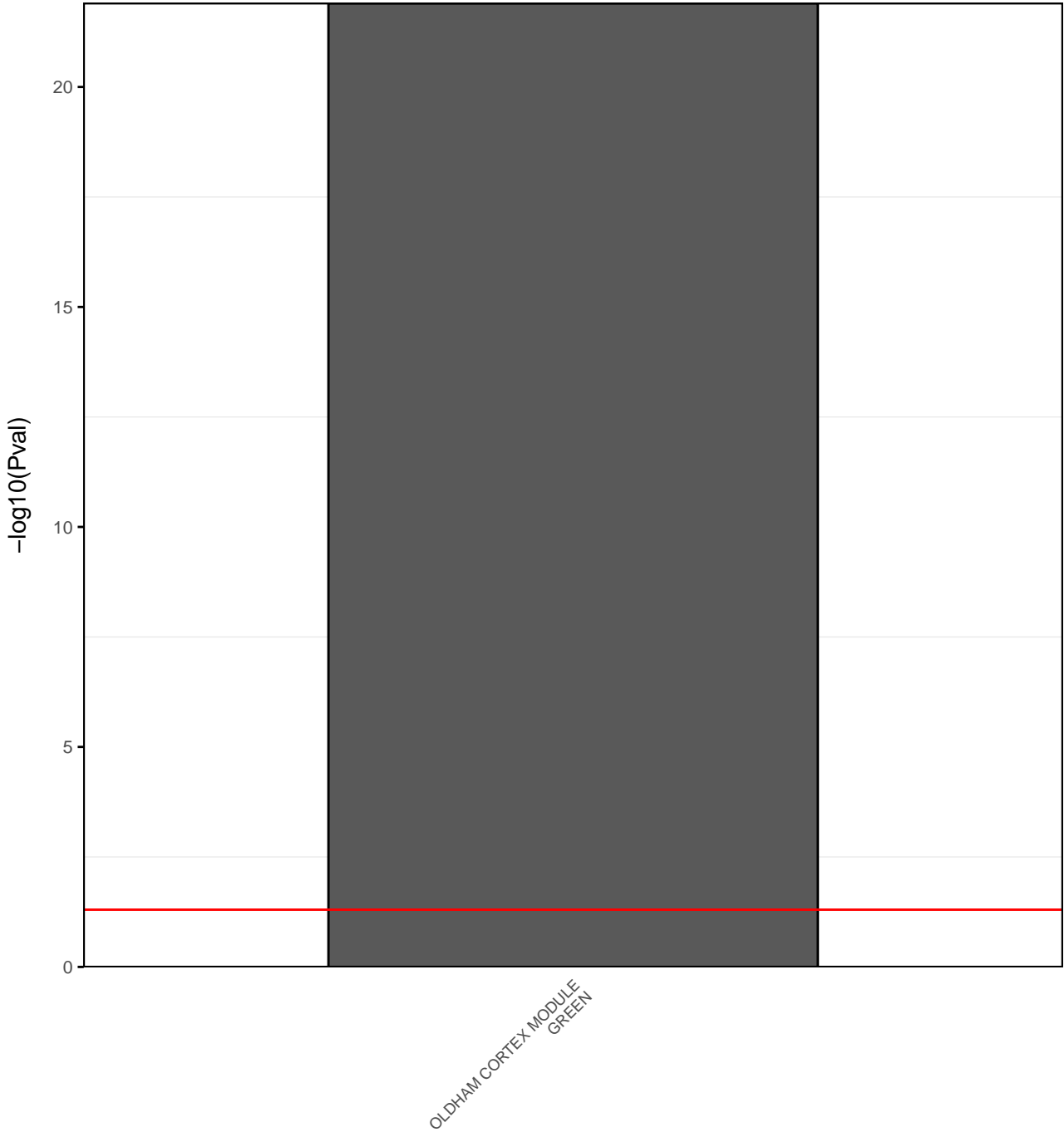
Efnb3
Cadm1
Syt1
Zdhhc2
Gria1
Slc6a1
Grm5
Syt5
Rian
Tenm1
Dner
Shank1
St6galnac5
Adgrl3
Epb41l1
Ripor2
Gria4
Slc4a3
Adgrb3
Nrnx1





Top genes by kME

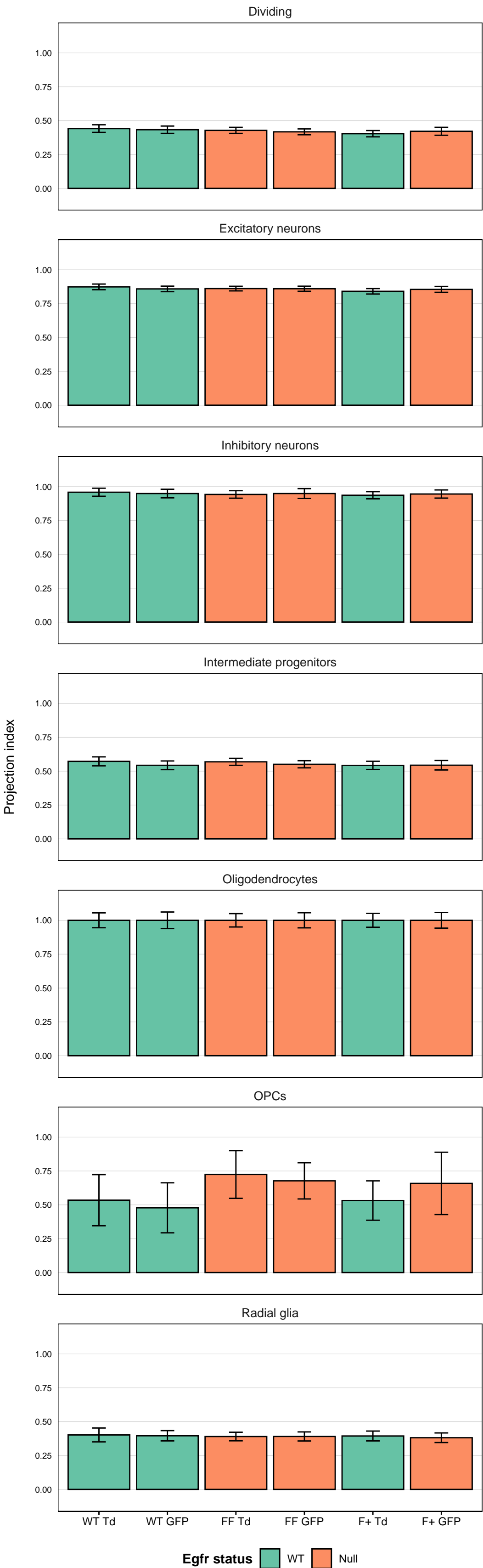
Erc2
Reep1
Rtn1
Dclk1
Celf5
Snap91
Srcin1
Map9
Cacna1c
Plppr3
Mast1
Agtpbp1
Anks1b
Tanc2
Cacna1b
Tbc1d16
Atp1a3
Atp6v0a1
Gabbr1
L1cam



pink module

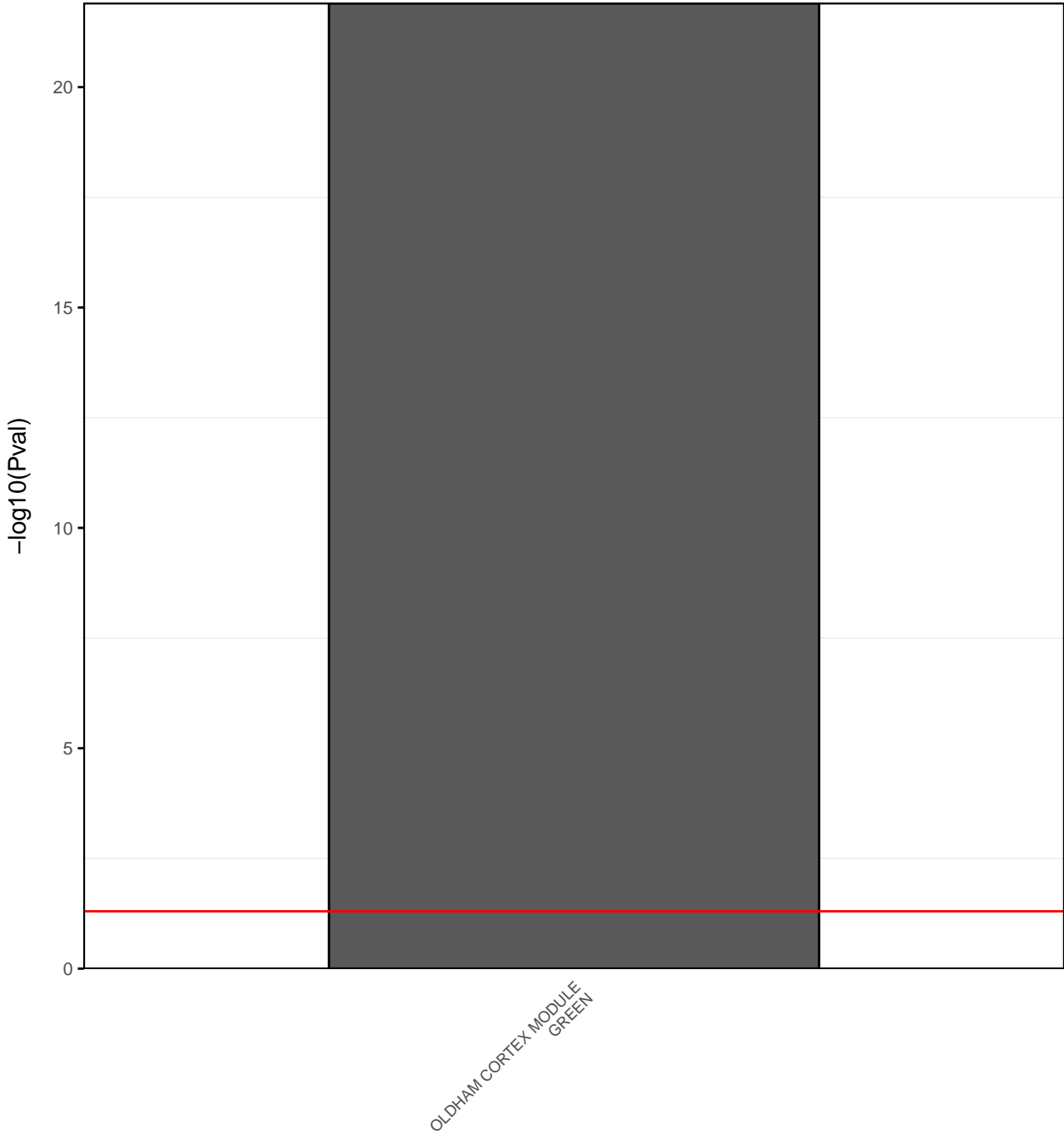
Top 100 by kME

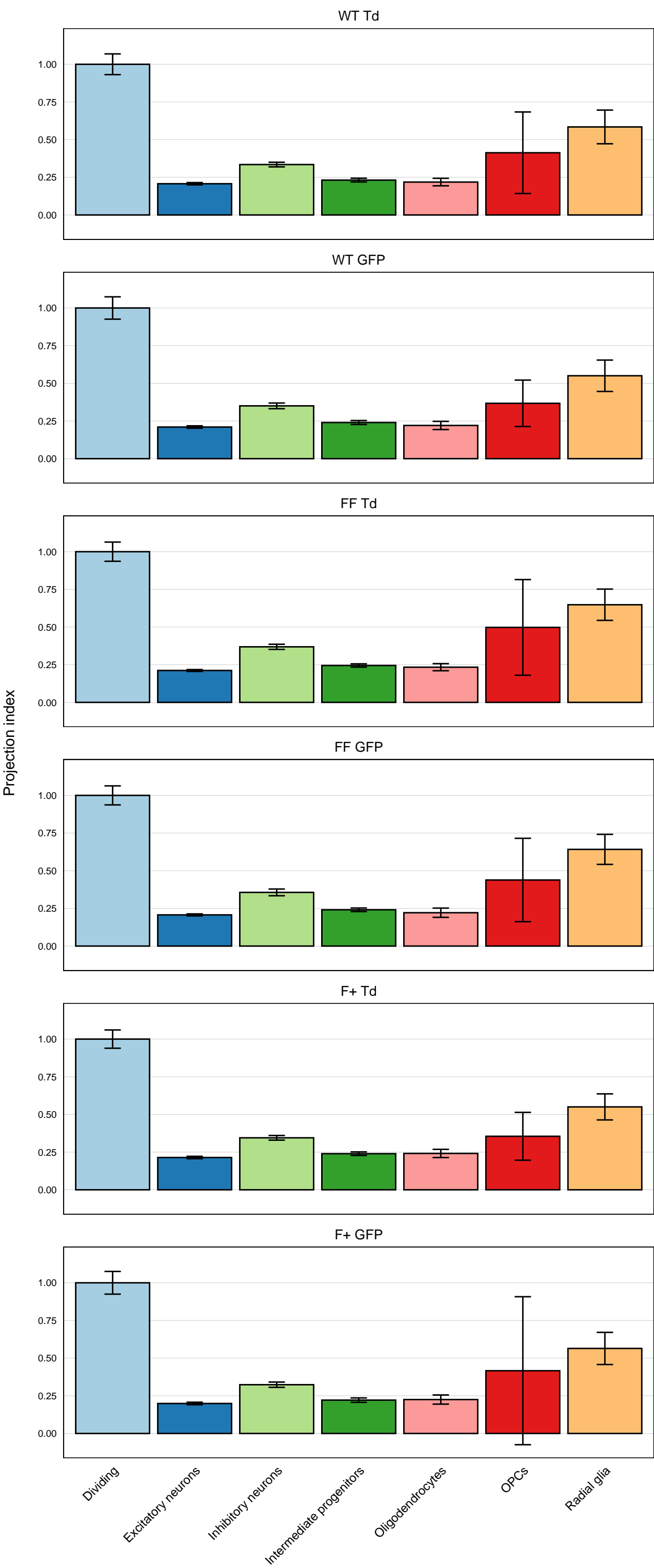
Bicor-None_signum0.746_minSize10_merge_ME_0.85_25509



Top genes by kME

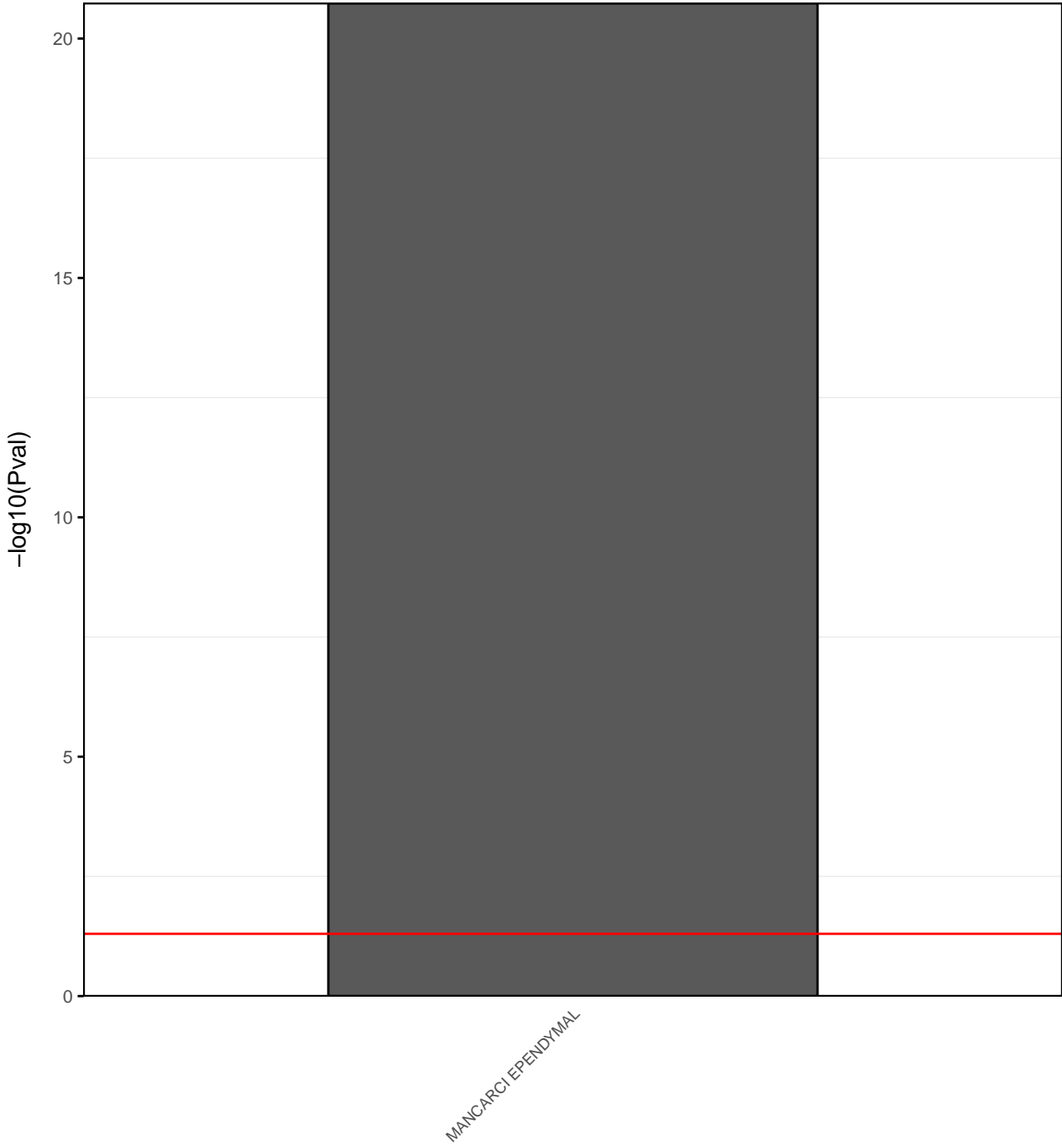
Erc2
Reep1
Rtn1
Dclk1
Celf5
Snap91
Srcin1
Map9
Cacna1c
Plppr3
Mast1
Agtpbp1
Anks1b
Tanc2
Cacna1b
Tbc1d16
Atp1a3
Atp6v0a1
Gabbr1
L1cam





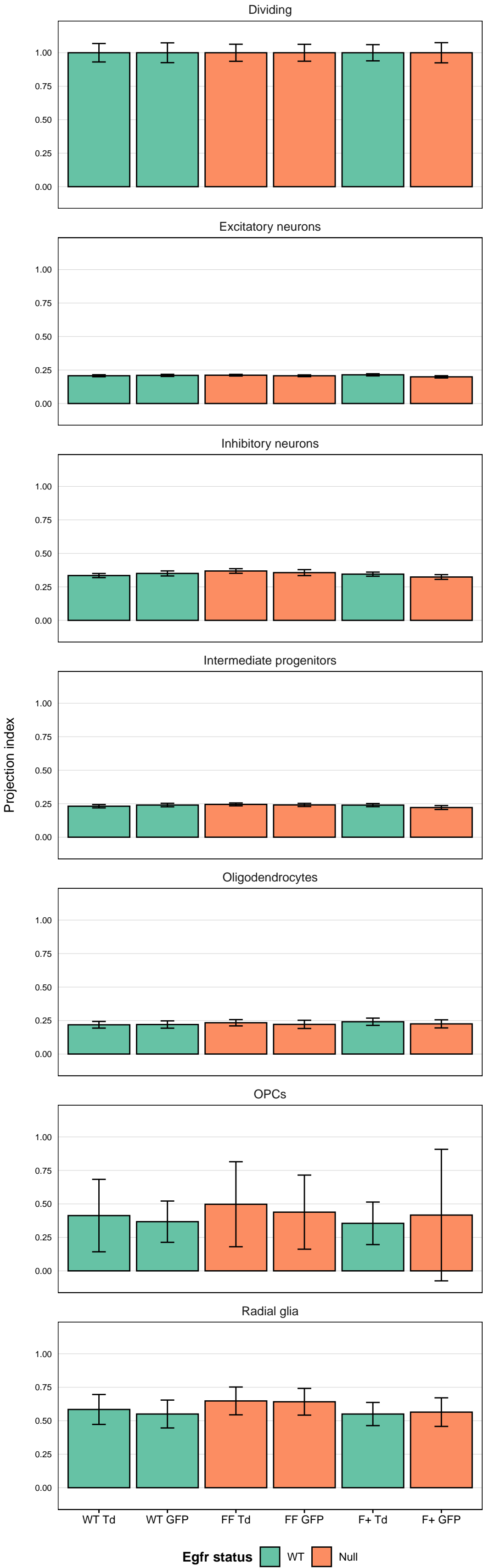
Top genes by kME

Rrm2
Anp32b
Racgap1
Lig1
Kif11
Top2a
Tmpos
Nuf2
Cdt1
Smc2
Incenp
Uhrf1
Chaf1a
Sall1
Kif4
Golm1
Mpped2
Rrm1
Nudt4
Kif23



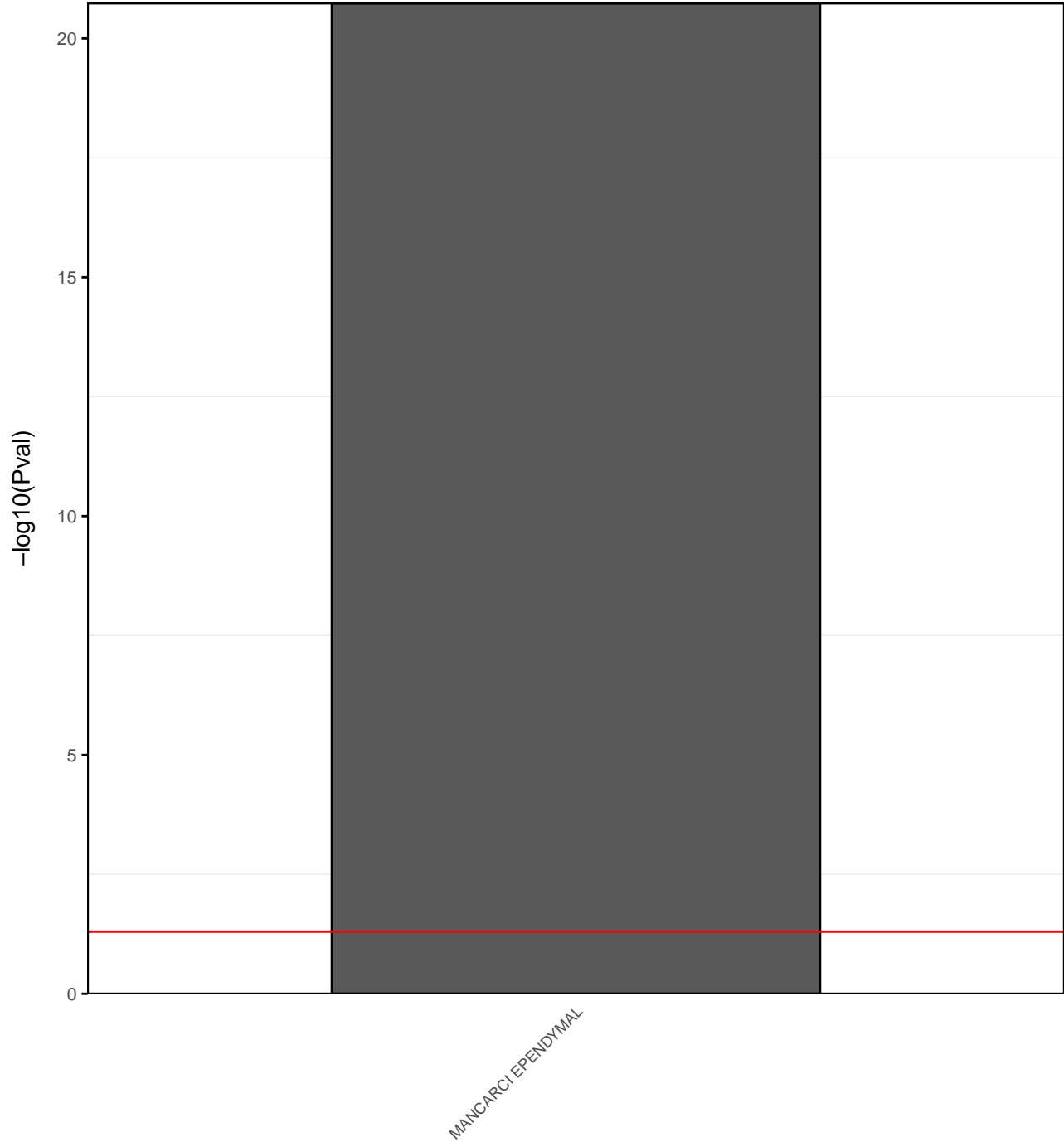
yellow module
Top 100 by kME

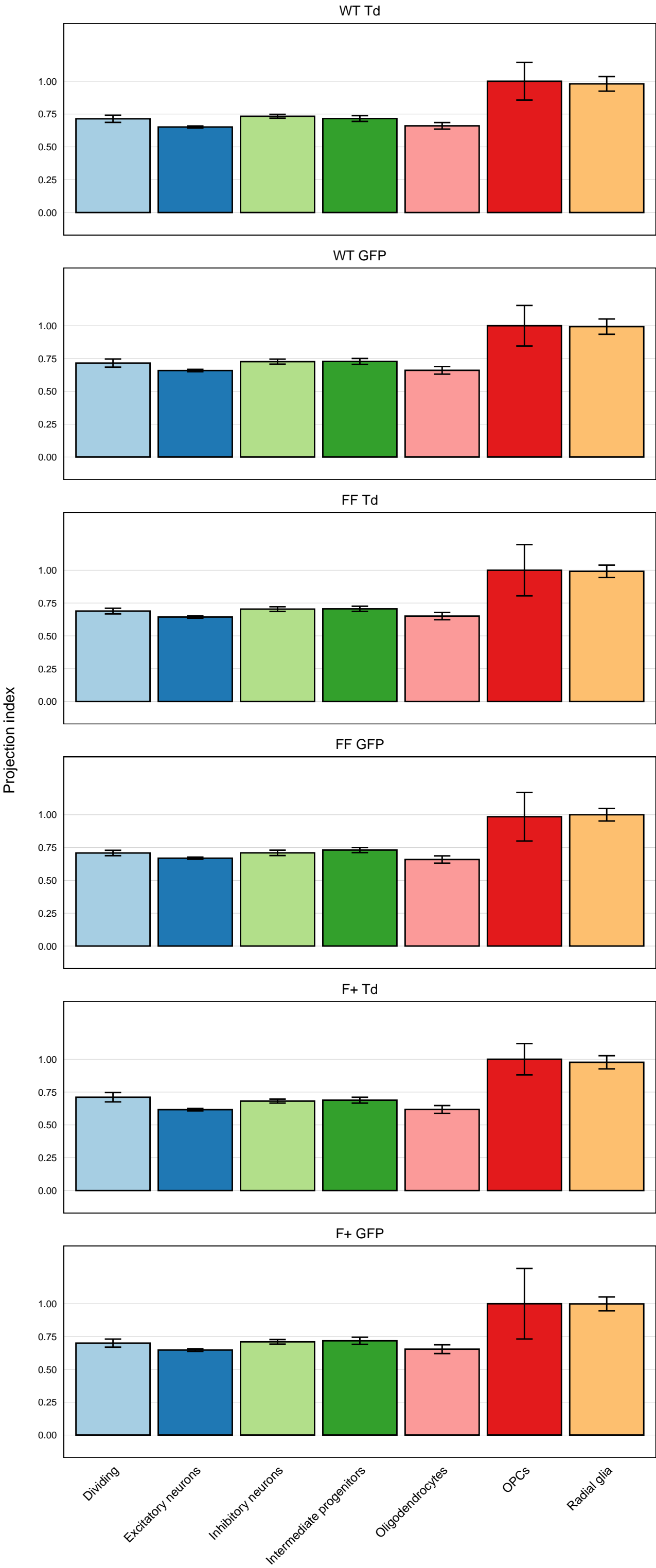
Bicor-None_signum0.746_minSize10_merge_ME_0.85_25509



Top genes by kME

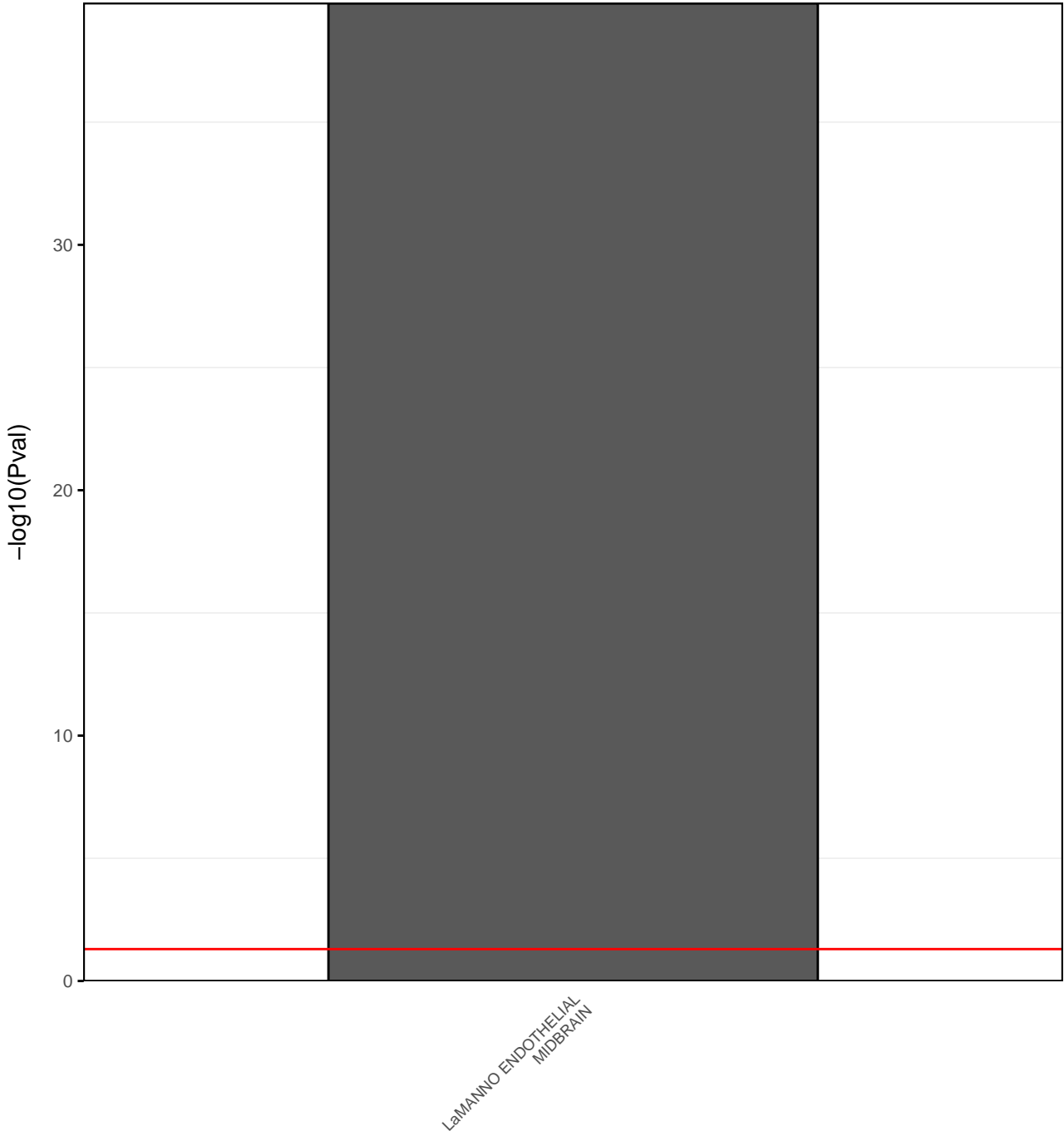
Rrm2
Anp32b
Racgap1
Lig1
Kif11
Top2a
Tmpo
Nuf2
Cdt1
Smc2
Incenp
Uhrf1
Chaf1a
Sall1
Kif4
Golm1
Mpped2
Rrm1
Nudt4
Kif23

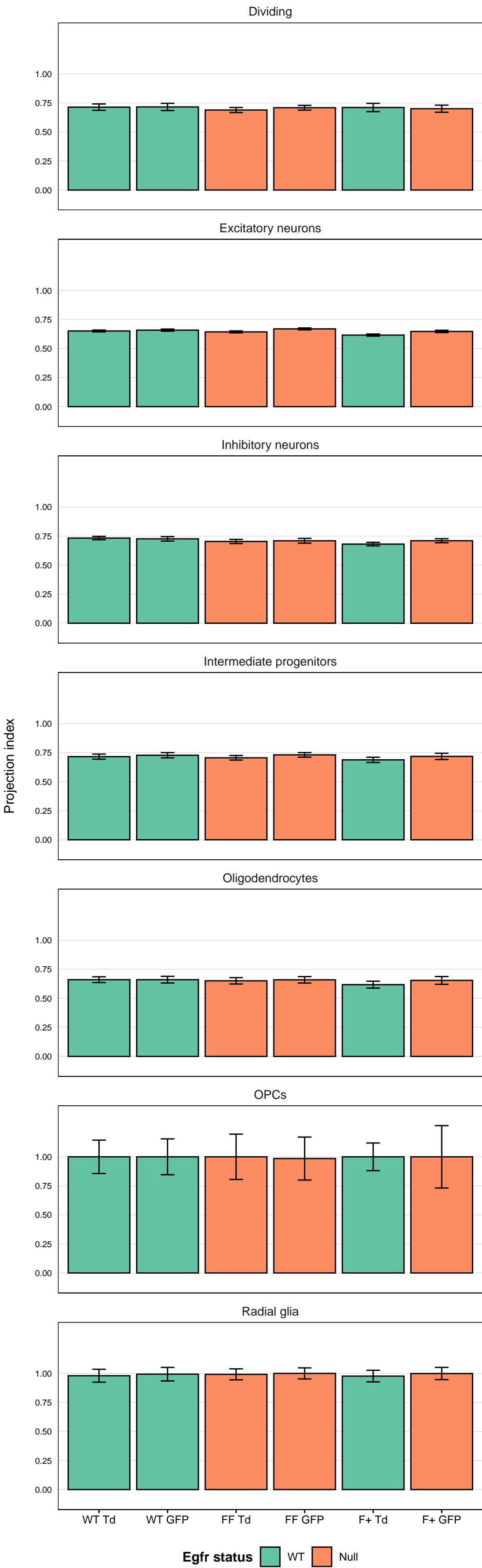




Top genes by kME

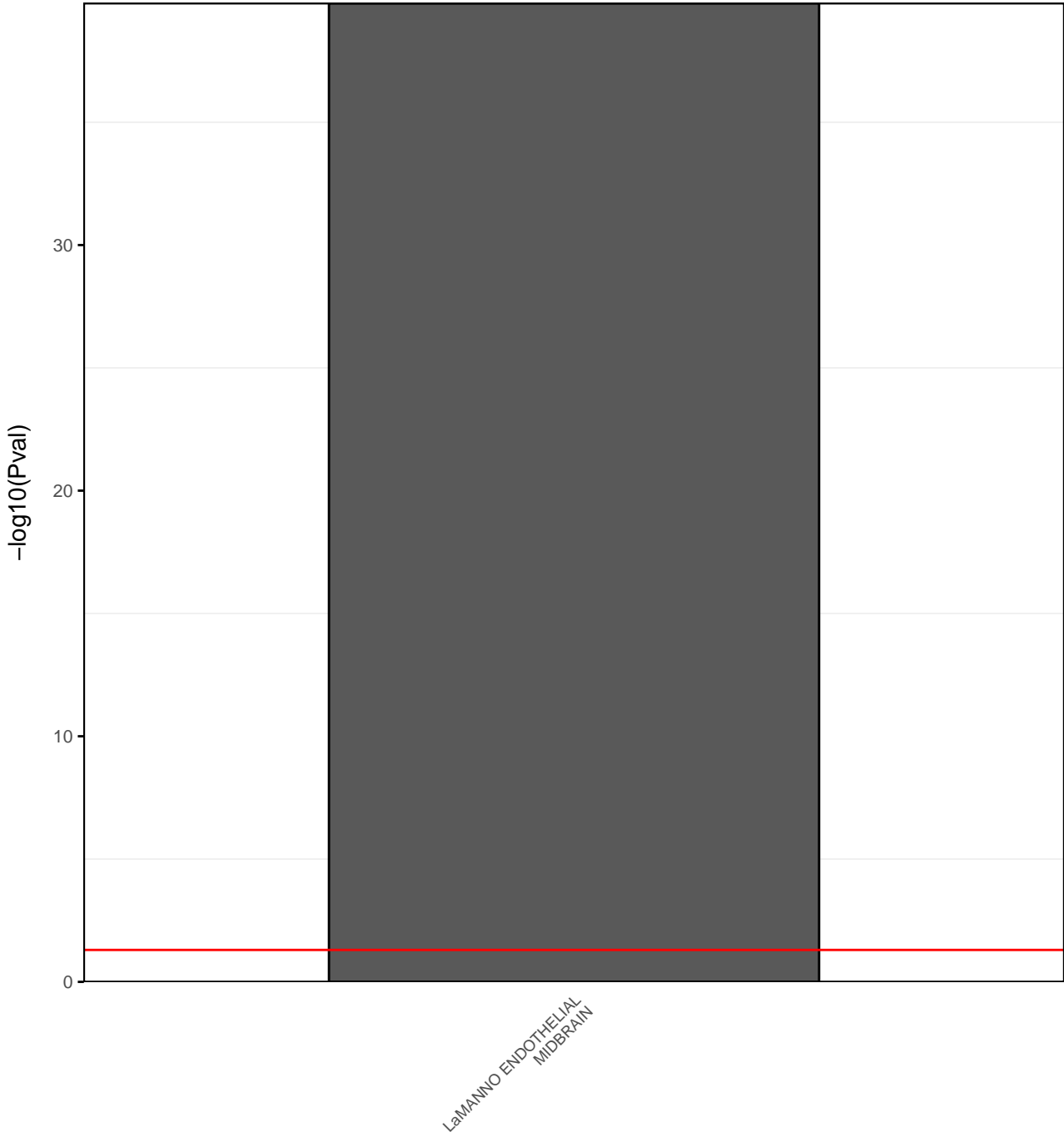
- Ostf1
- Serpine2
- Mfge8
- Sparc
- Apoe
- Id1
- Lgals1
- Mlc1
- Itgb5
- Olig1
- Kbtbd11
- Phgdh
- Atp1a2
- Bpgm
- Dctpp1
- Fam181b
- Fabp7
- Ednrb
- Sparcl1
- Sat1

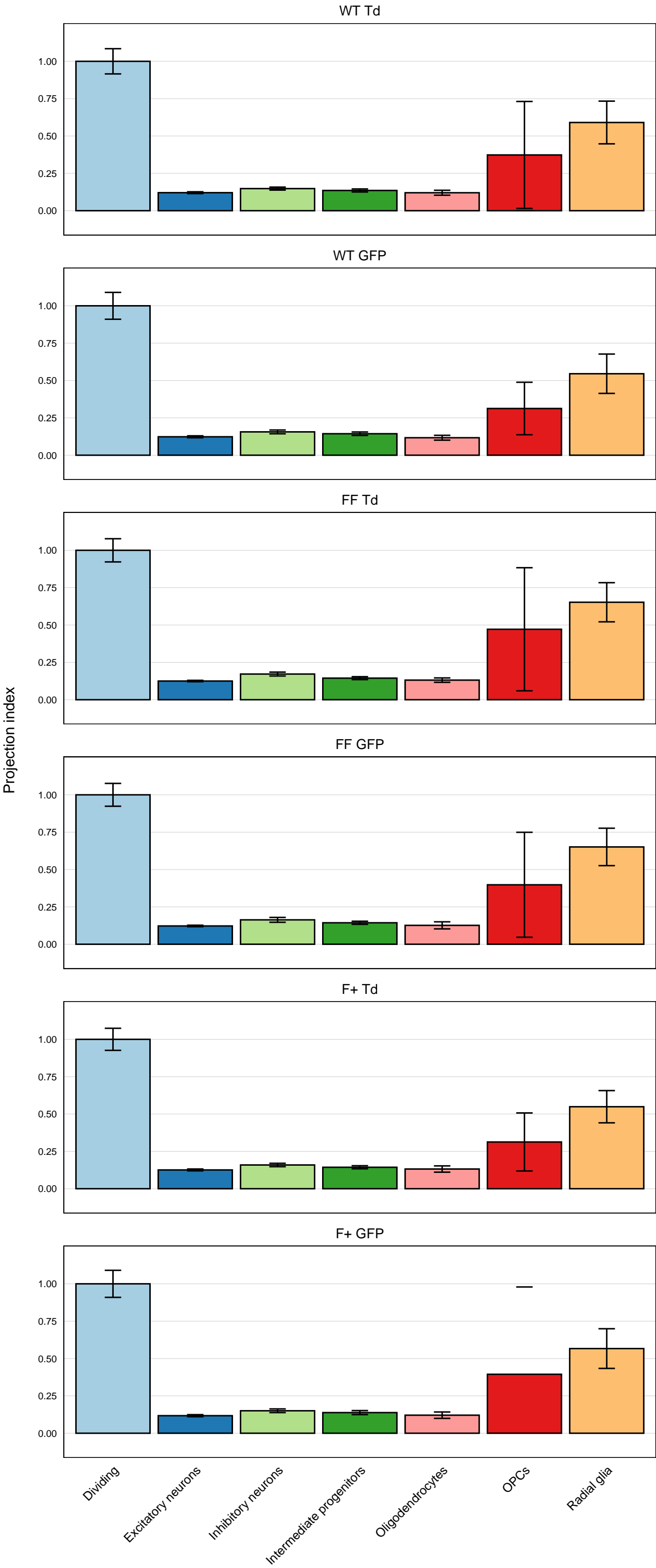




Top genes by kME

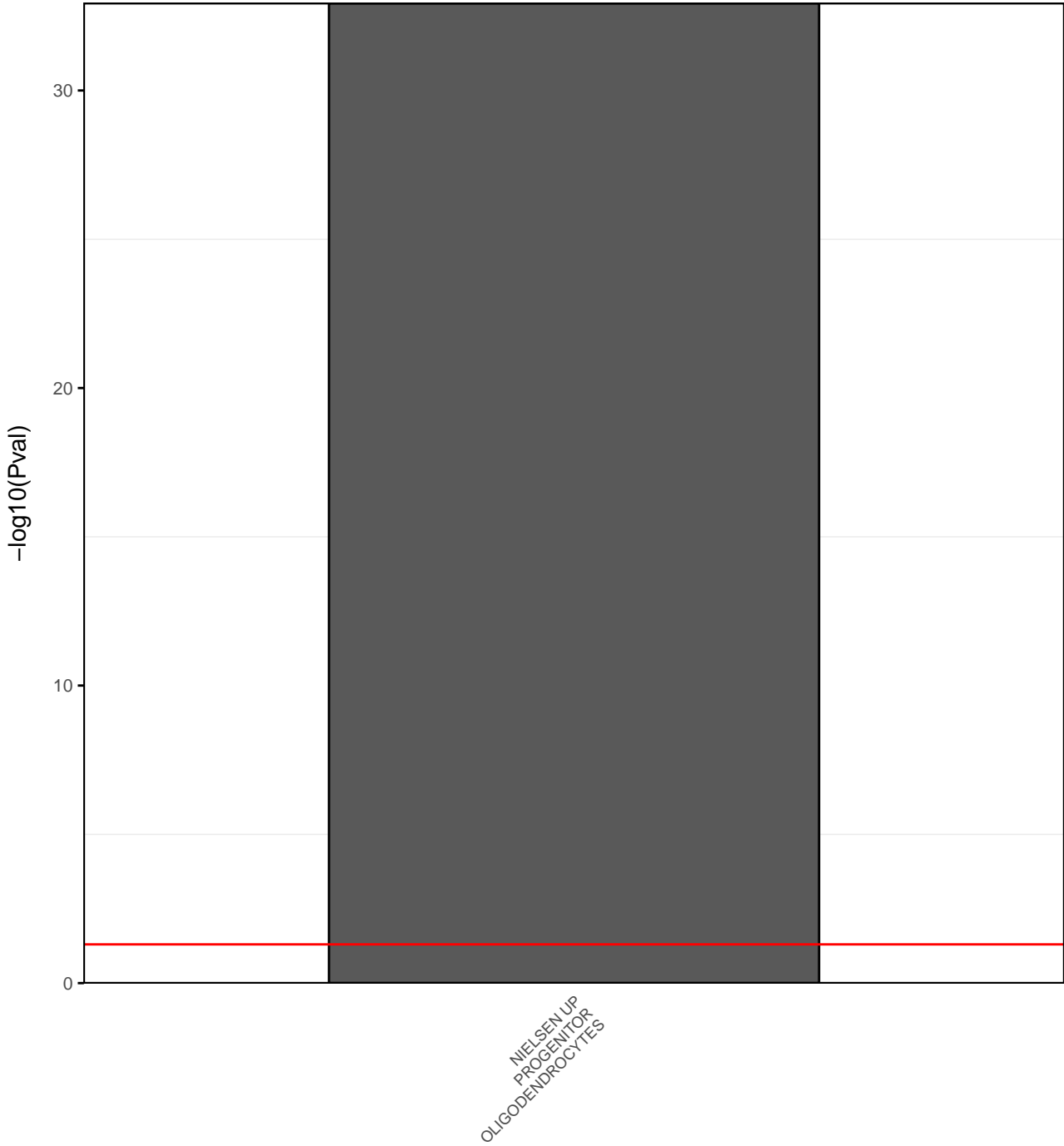
Ostf1
Serpine2
Mfge8
Sparc
ApoE
Id1
Lgals1
Mlc1
Itgb5
Olig1
Kbtbd11
Phgdh
Atp1a2
Bpgm
Dctpp1
Fam181b
Fabp7
Ednrb
Sparcl1
Sat1



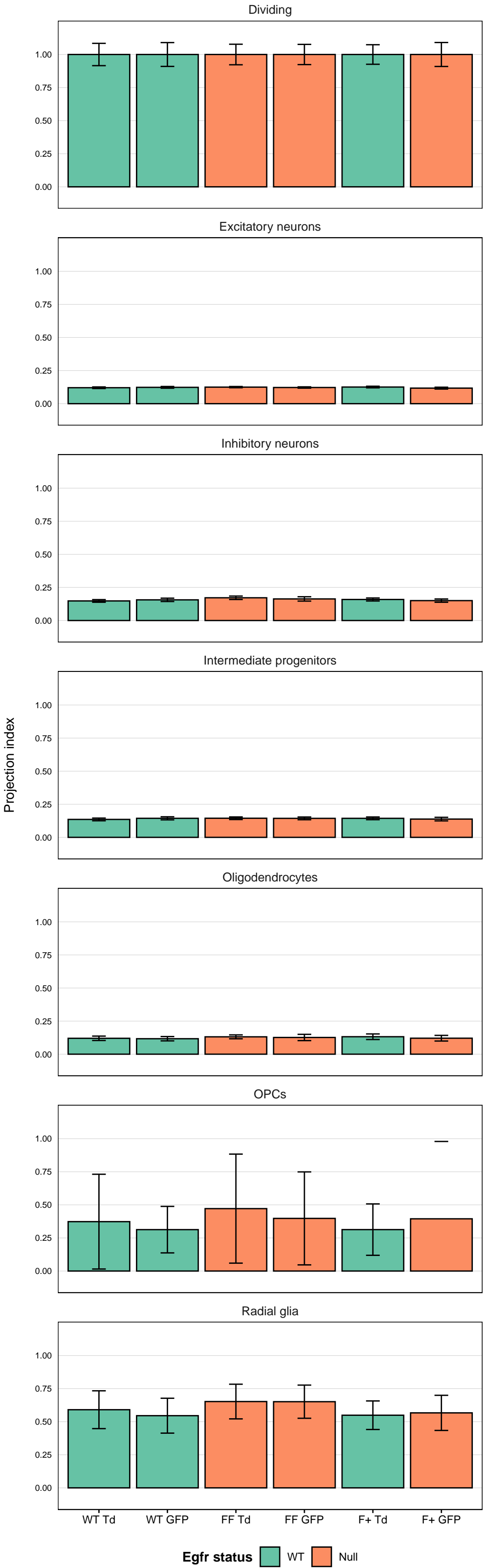


Top genes by kME

Cdca2
Nusap1
Ect2
Ccna2
Racgap1
Mcm3
Smc2
Bub1
Kif2c
Kif11
Nuf2
Prc1
Lig1
Mcm2
Sgo1
Dlgap5
Dbf4
Knstrn
Rrm2
Tpx2

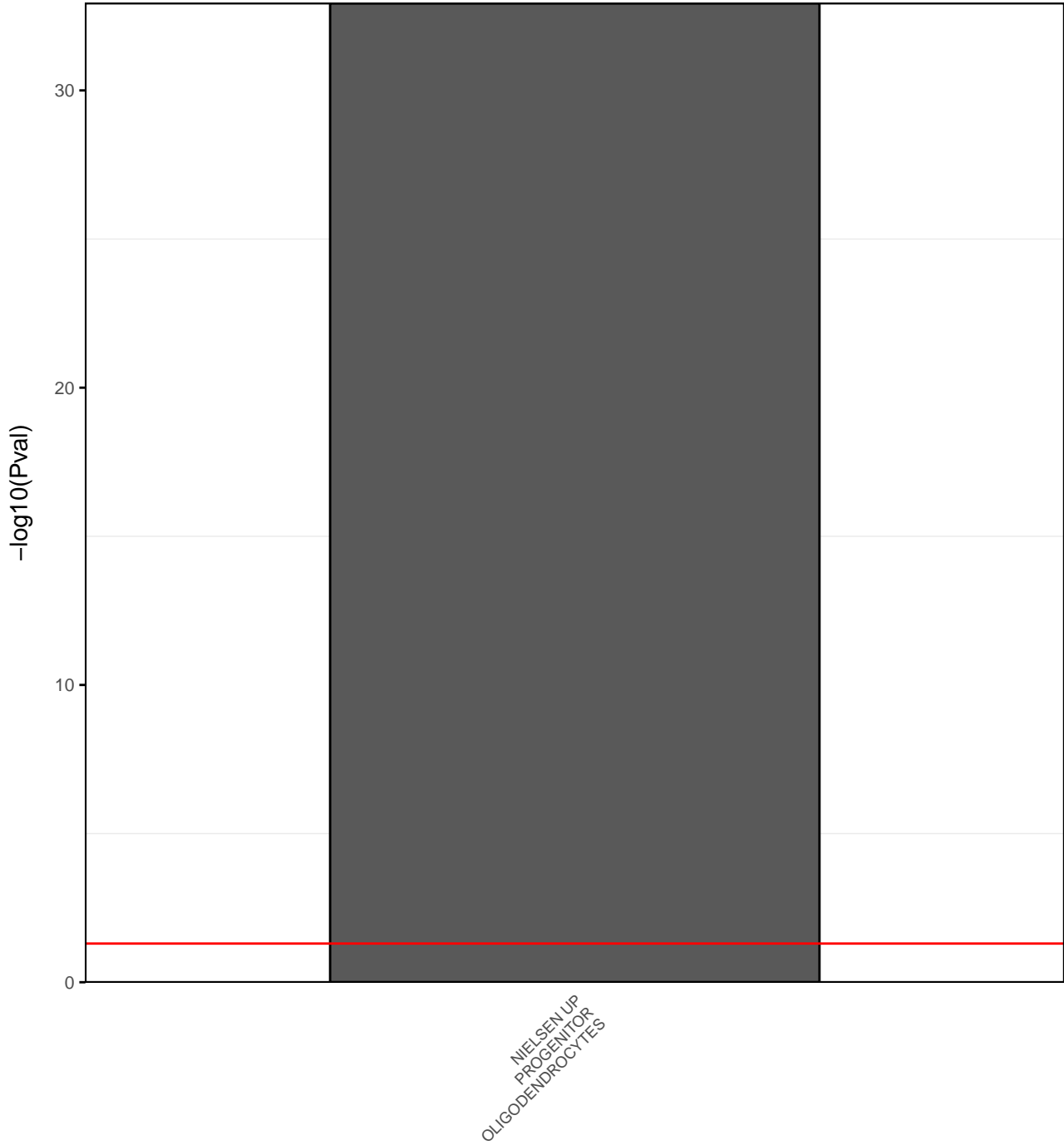


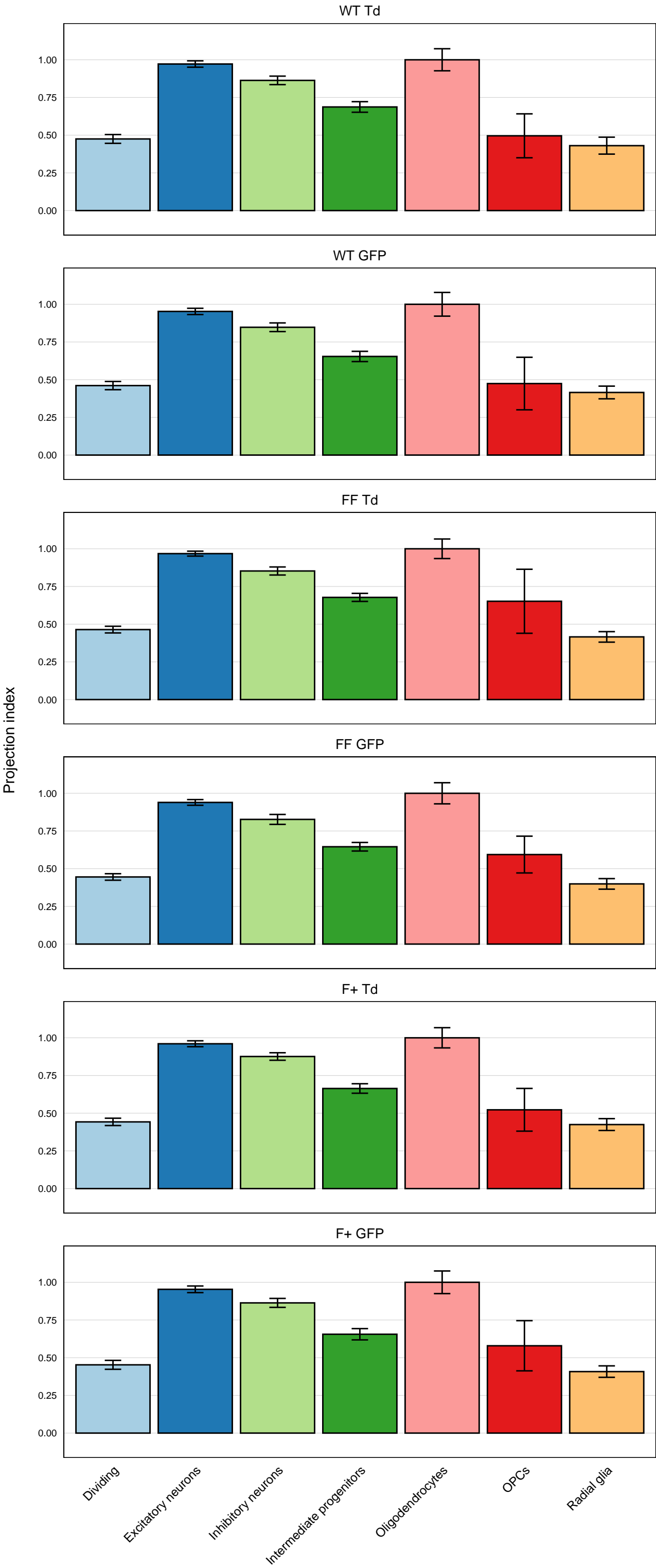
black module
Top 100 by kME
Bicor-None_signum0.807_minSize12_merge_ME_0.85_25509



Top genes by kME

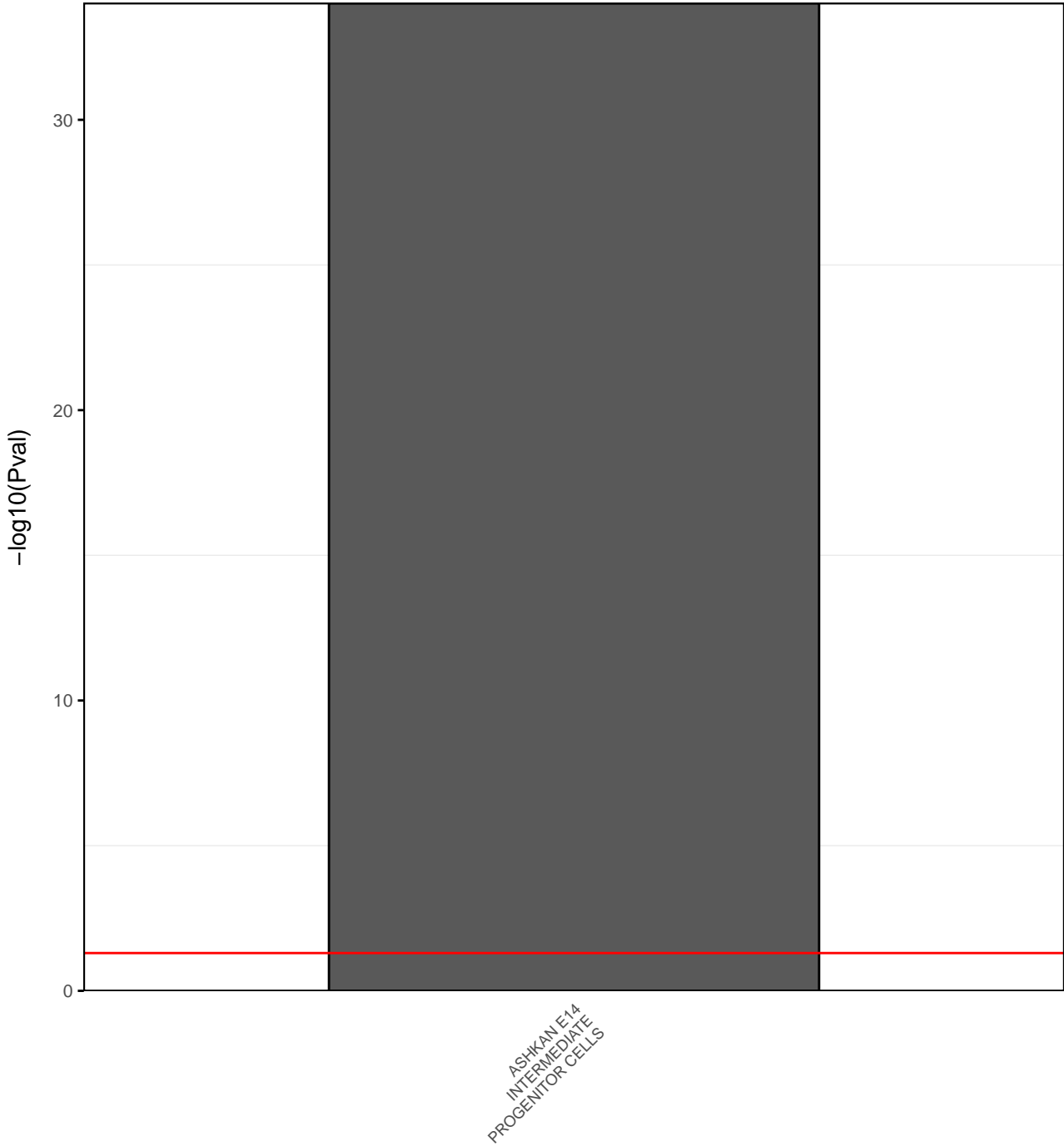
Cdca2
Nusap1
Ect2
Ccna2
Racgap1
Mcm3
Smc2
Bub1
Kif2c
Kif11
Nuf2
Prc1
Lig1
Mcm2
Sgo1
Dlgap5
Dbf4
Knstrn
Rrm2
Tpx2





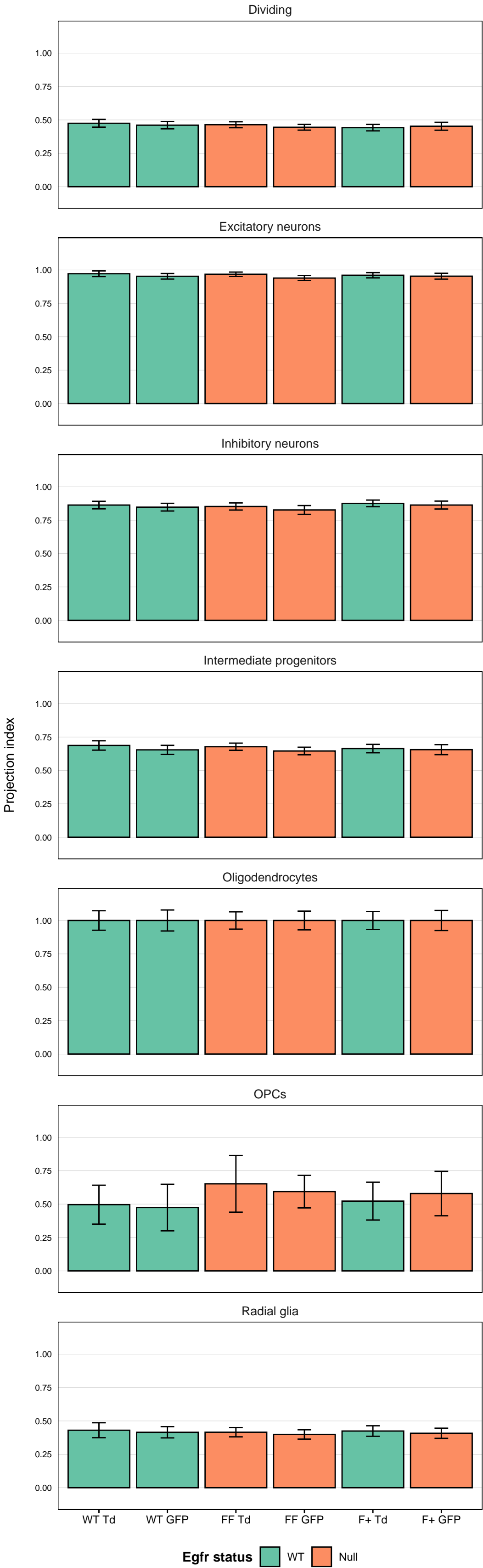
Top genes by kME

S1pr1
Slc1a3
Tfap2d
Camk2d
Arap2
Cd1d1
Map3k20
Plpp3
Etv1
Gng12
Fam111a
Aldh1l1
Smpd3a
Dlx5
Dlx6os1
Rnd3
Cdca7
Lockd
Plxnc1
Sox2



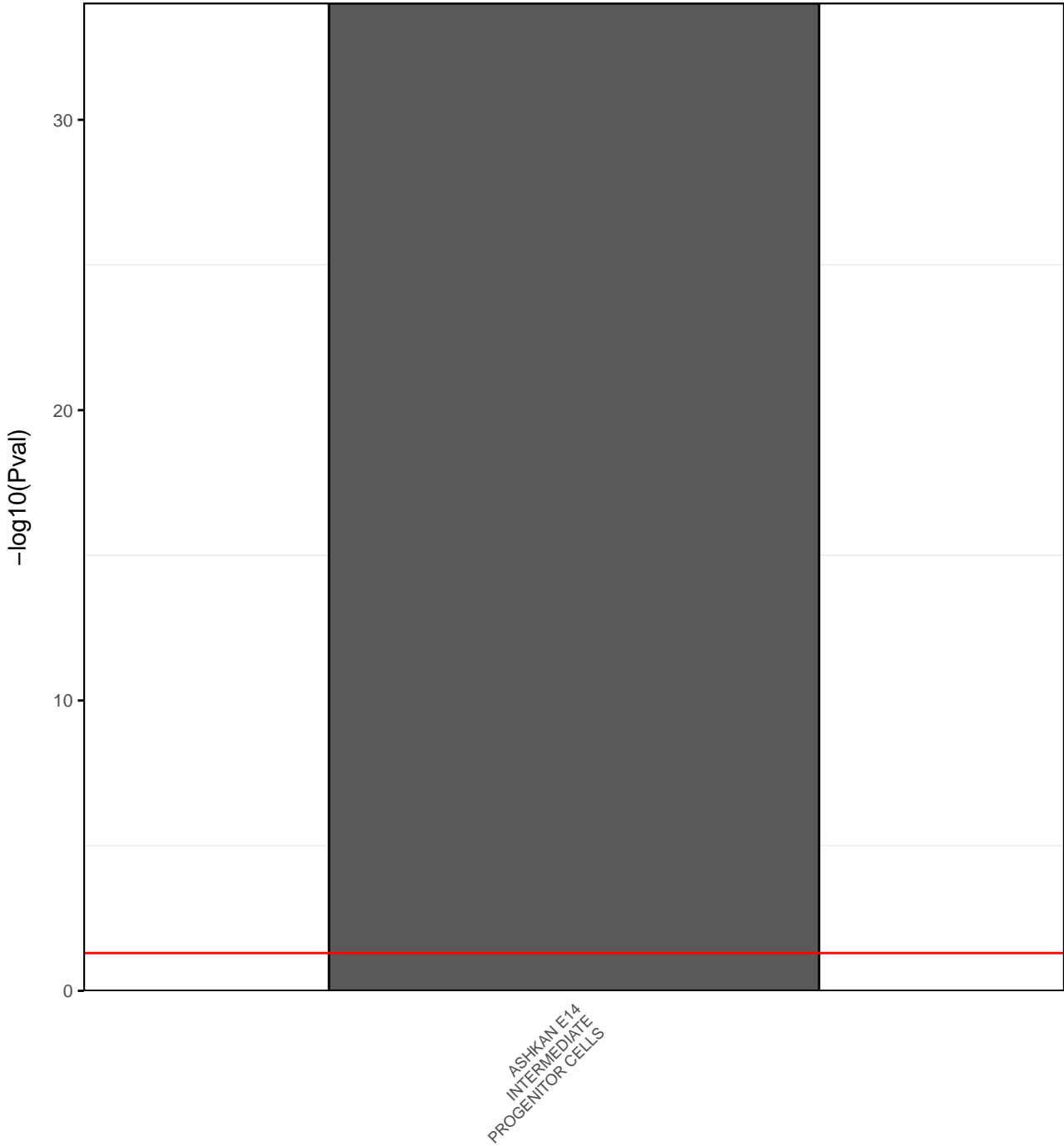
blue module
Top 100 by kME

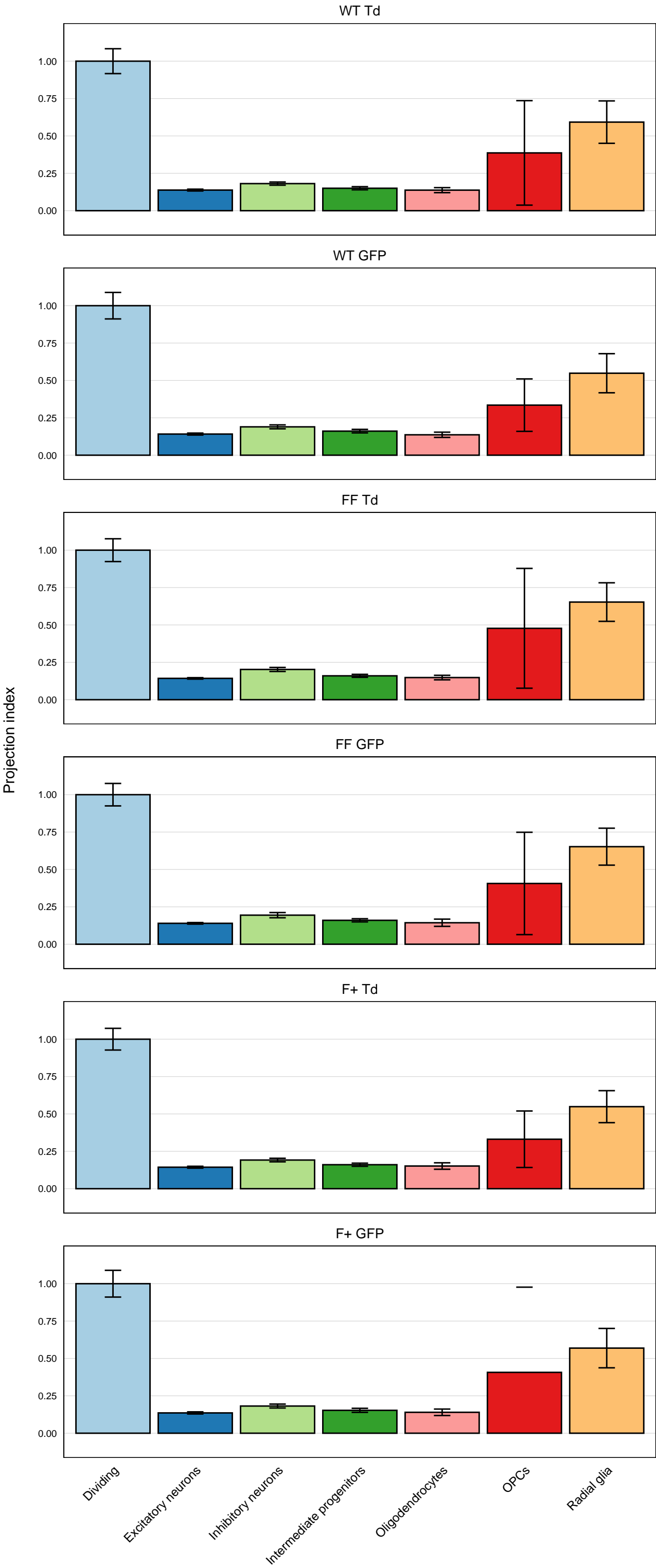
Bicor-None_signum0.627_minSize15_merge_ME_0.85_25509



Top genes by kME

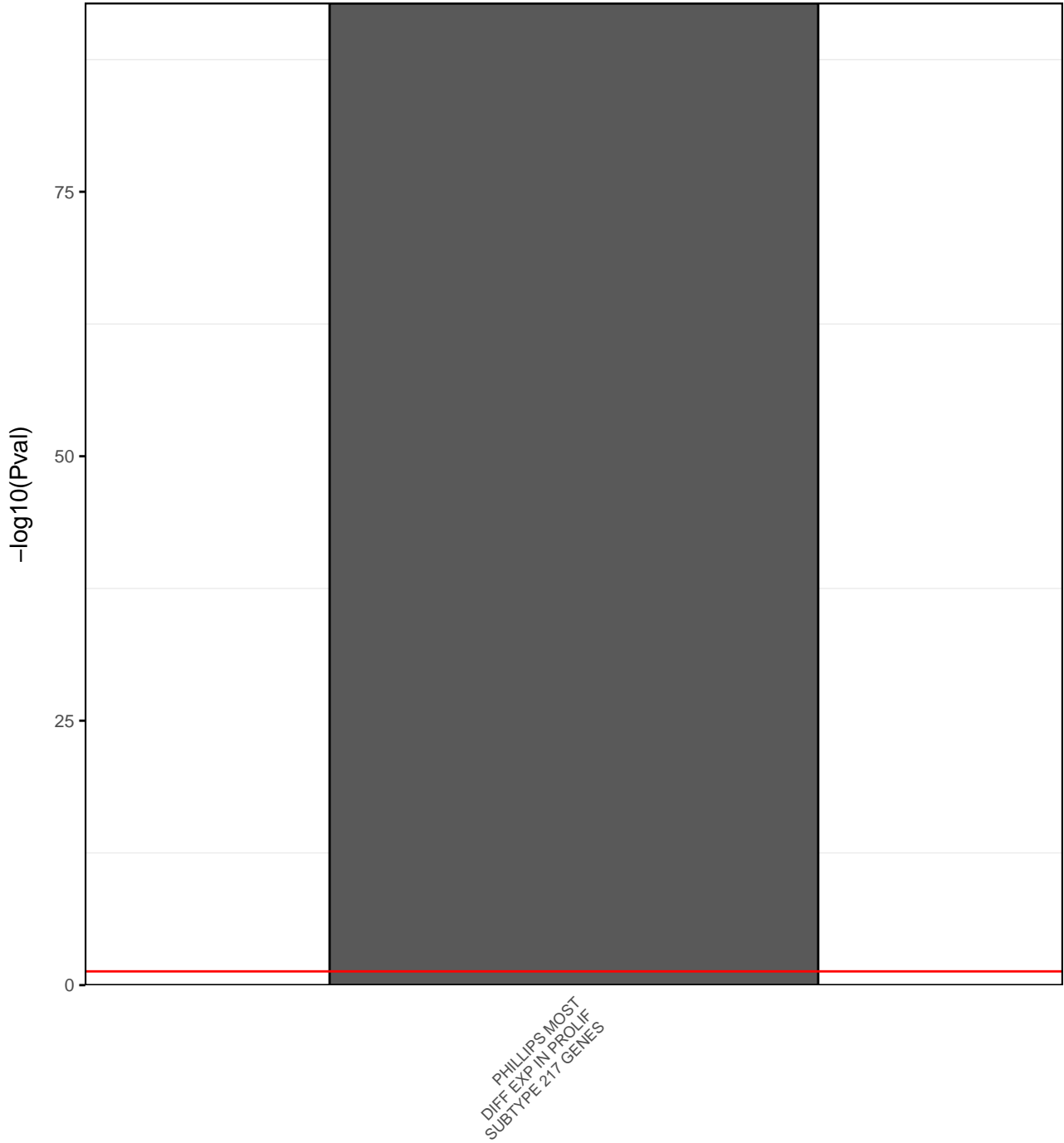
S1pr1
Slc1a3
Tfap2d
Camk2d
Arap2
Cd1d1
Map3k20
Plpp3
Etv1
Gng12
Fam111a
Aldh1l1
Smpd13a
Dlx5
Dlx6os1
Rnd3
Cdca7
Lockd
Plxnc1
Sox2

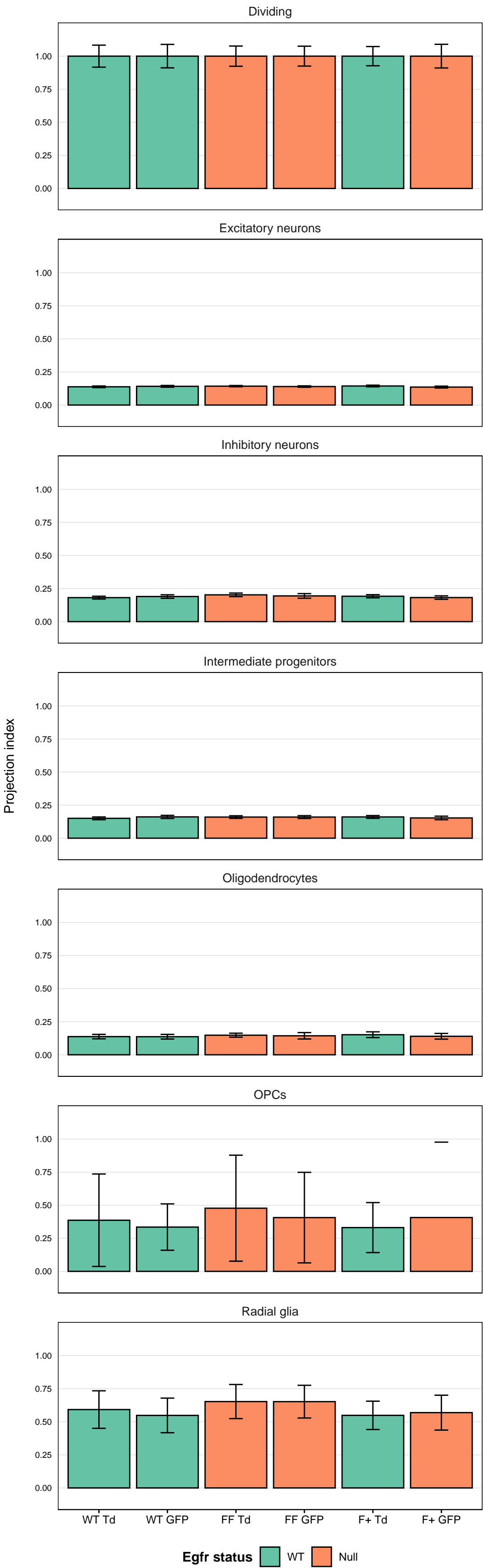




Top genes by kME

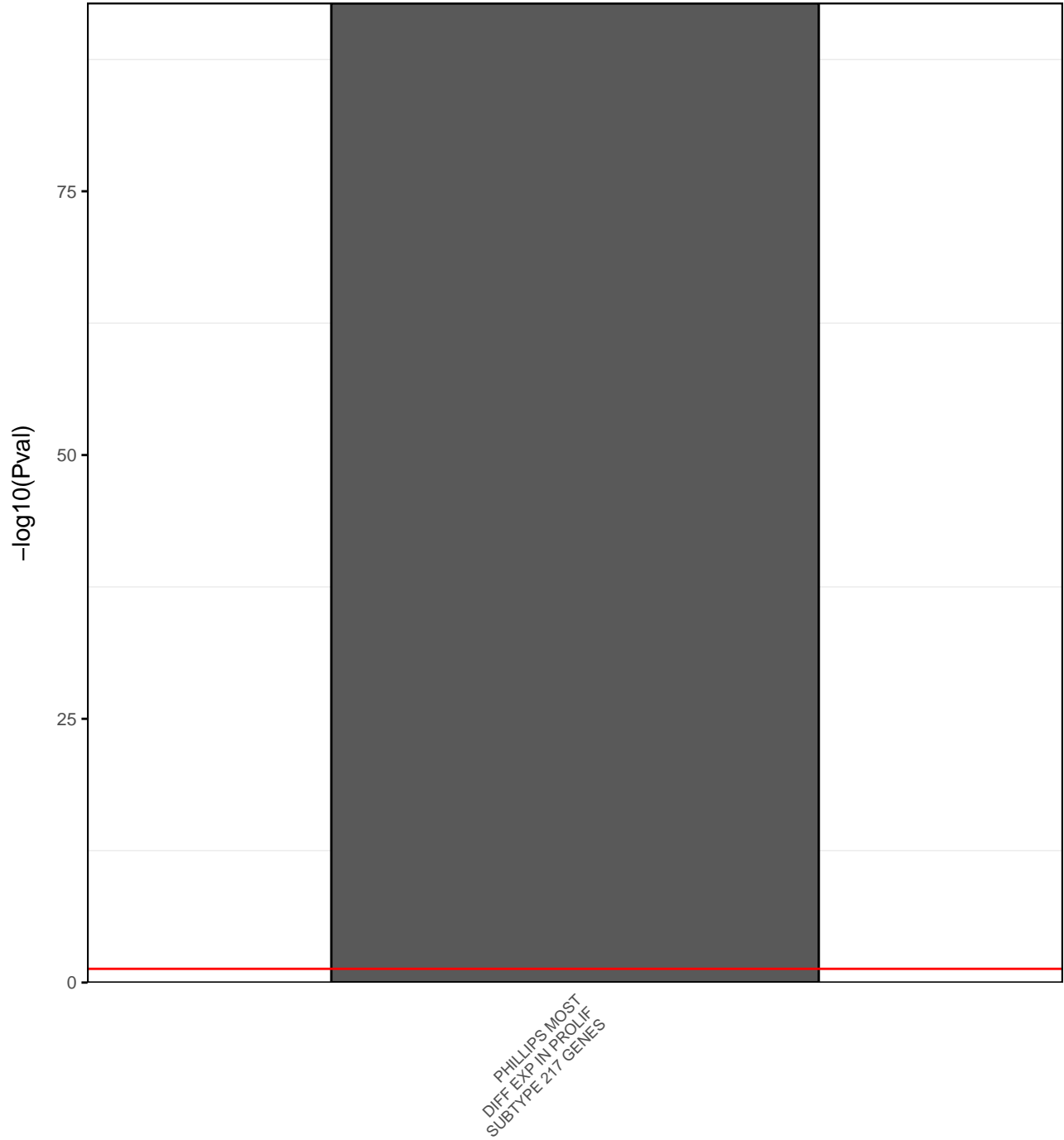
Nudcd2
Zc3h8
Rpl22l1
Ctsz
Rspo3
Id2
Gapdh
H3f3a
Ndufc2
Prdx1
Txn1
Odc1
Bora
Nin
Fkbp3
Idi1
Gm42047
Tmem80
Esco2
Tk1

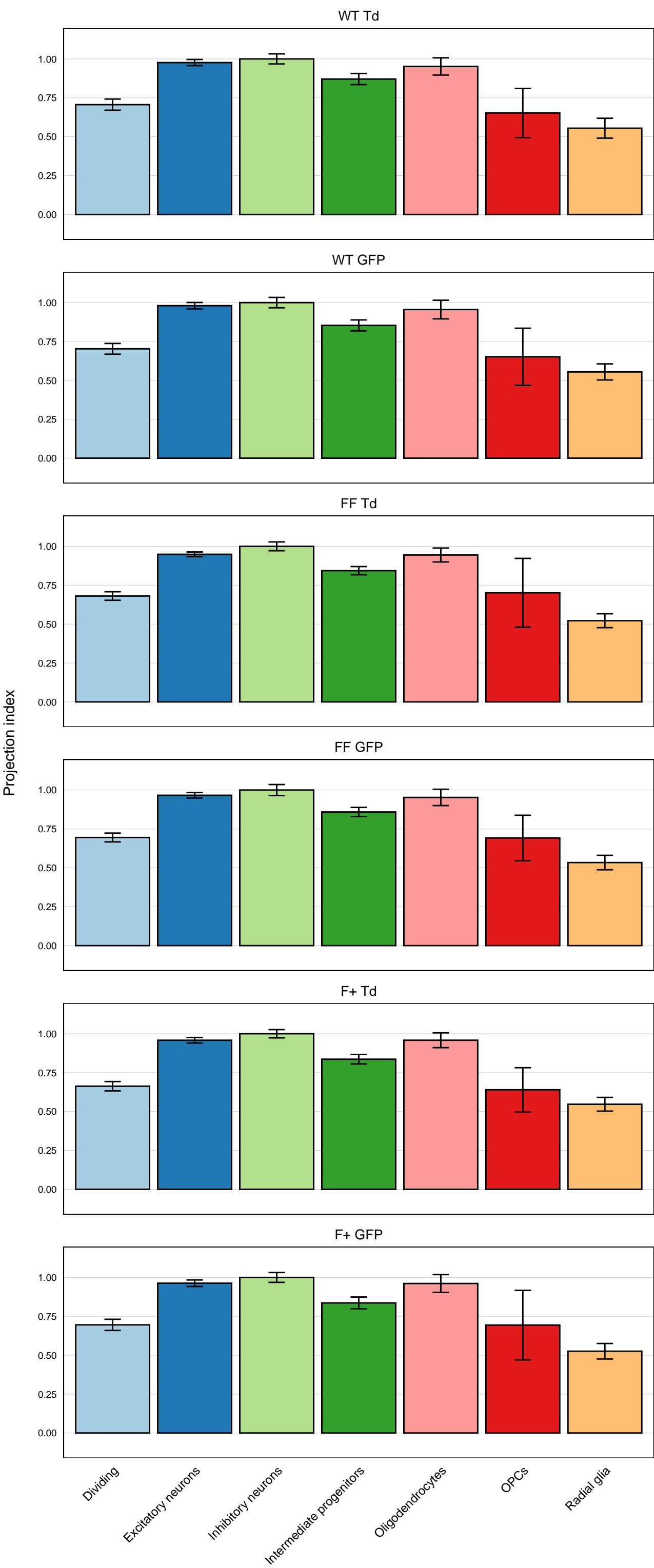




Top genes by kME

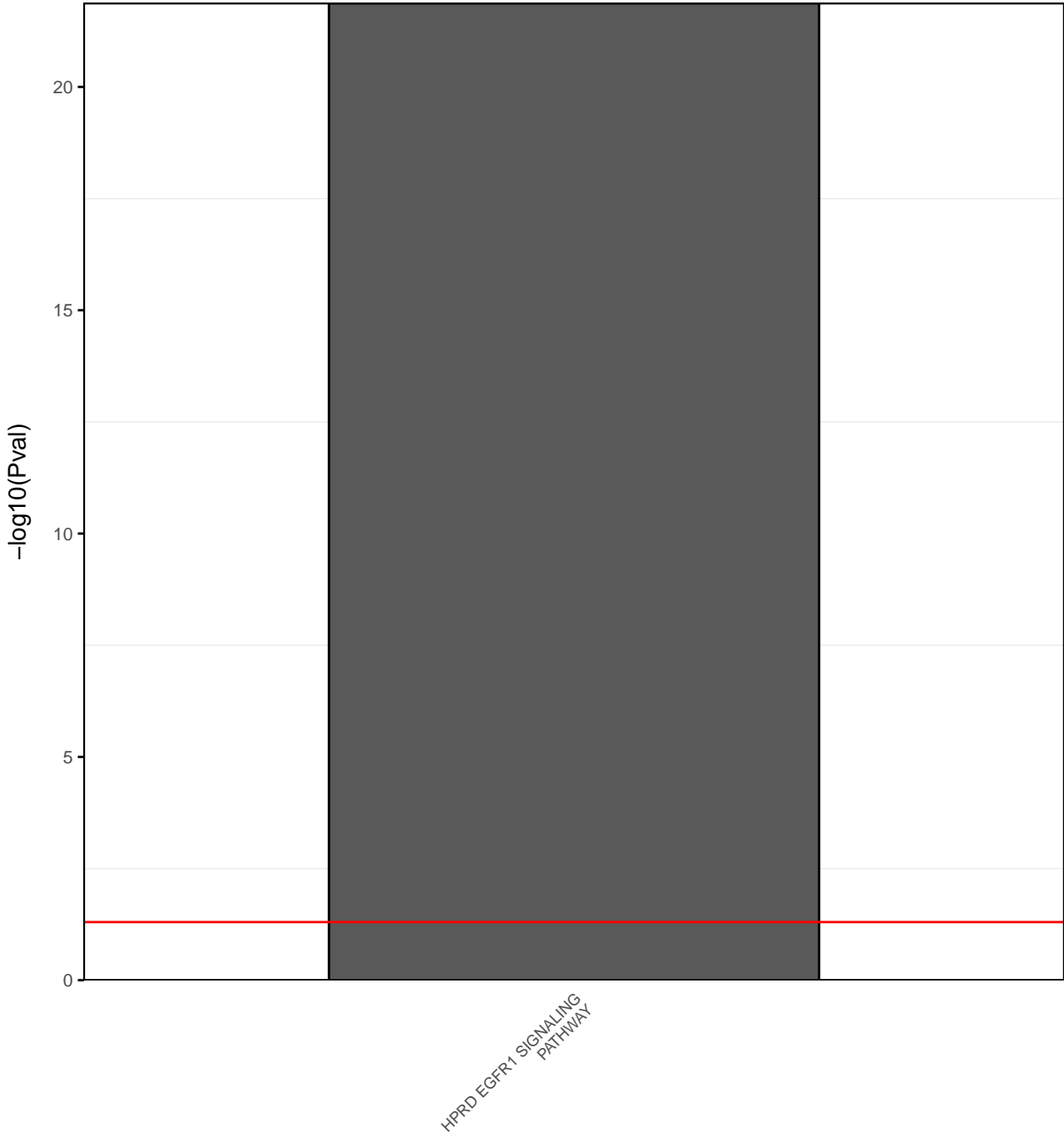
Nudcd2
Zc3h8
Rpl22l1
Ctsz
Rspo3
Id2
Gapdh
H3f3a
Ndufc2
Prdx1
Txn1
Odc1
Bora
Nin
Fkbp3
Idi1
Gm42047
Tmem80
Esco2
Tk1

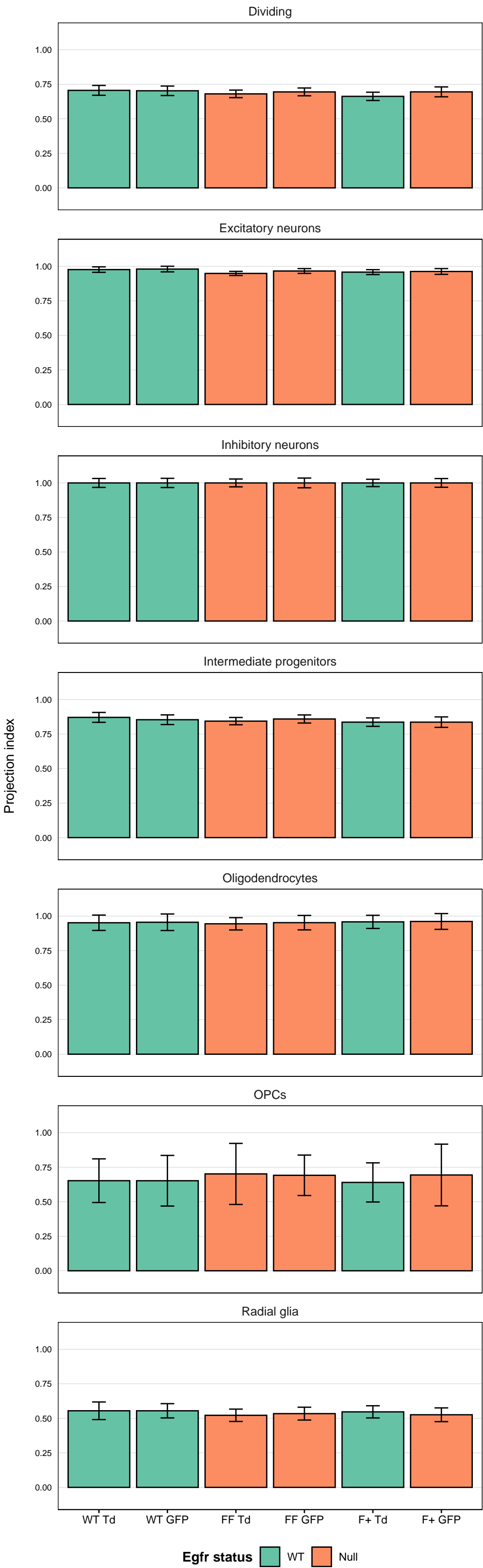




Top genes by kME

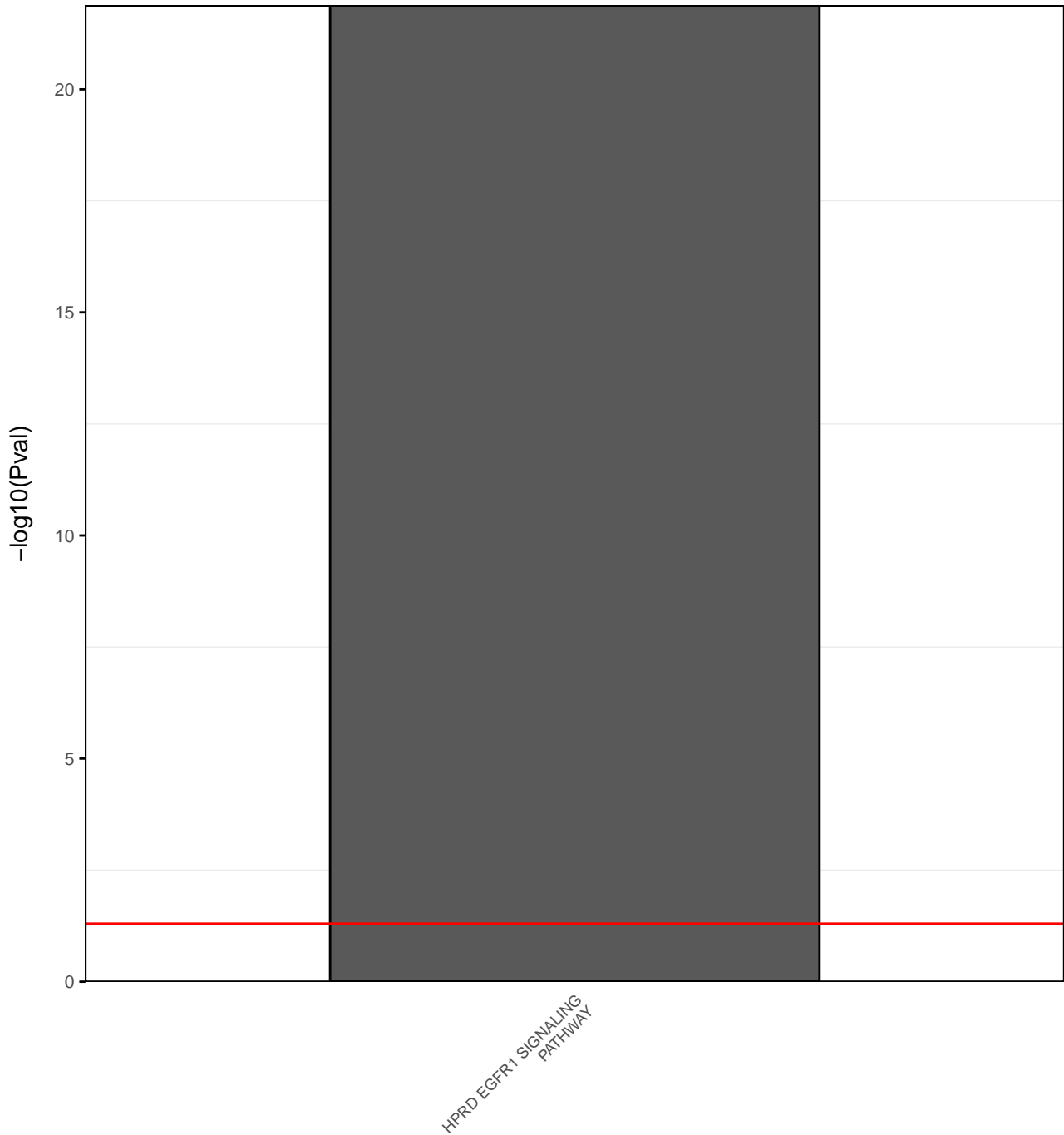
Pttg1
Epb41l4aos
Fam181b
Olig2
Olig1
Itga6
Xylt1
Shf
Rspo3
Hes5
Tagln2
AY036118
Zfp36l1
2810403D21Rik
Igfbp2
Pdgfra
Wnt5a
Sox9
Spats2l
Enho

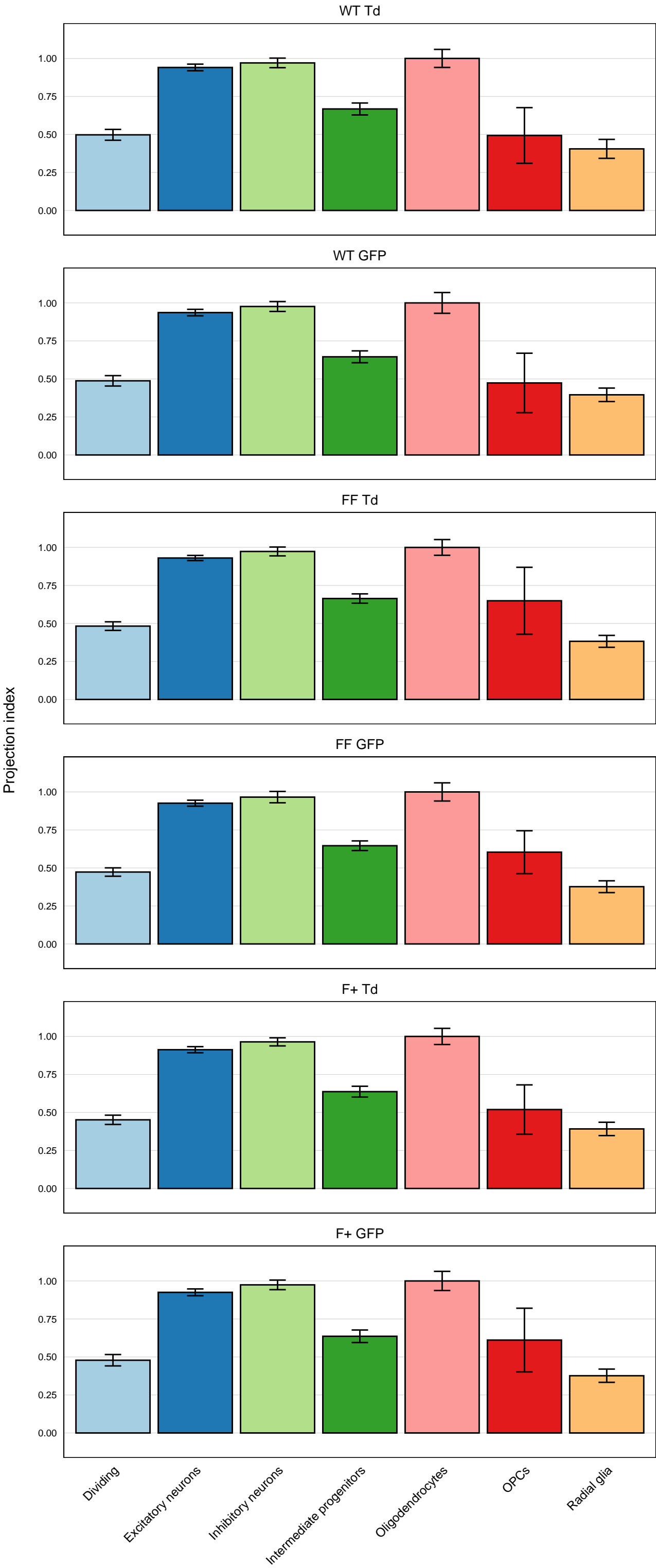




Top genes by kME

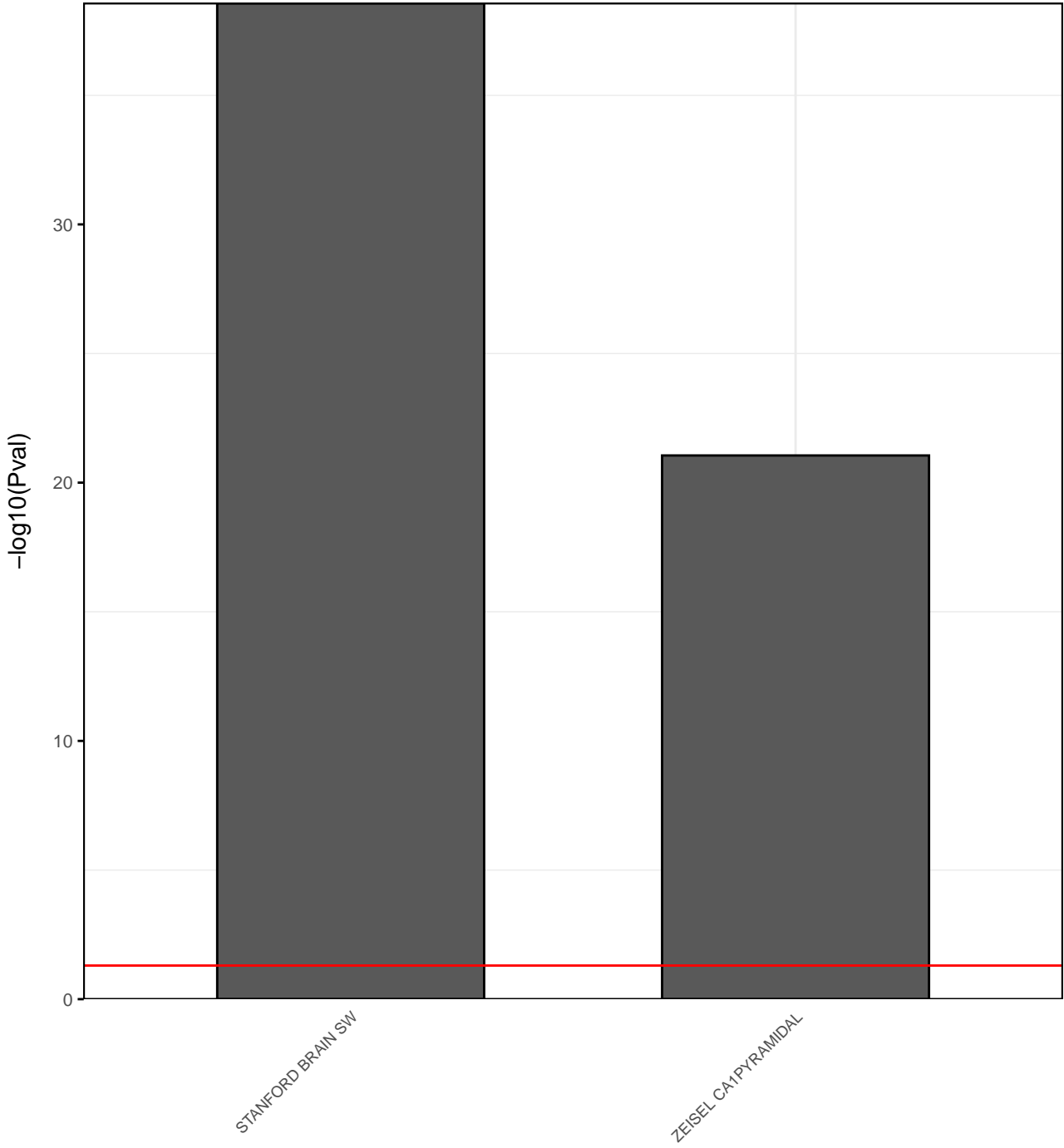
Pttg1
Epb41l4aos
Fam181b
Olig2
Olig1
Itga6
Xylt1
Shf
Rspo3
Hes5
Tagln2
AY036118
Zfp36l1
2810403D21Rik
Igfbp2
Pdgfra
Wnt5a
Sox9
Spats2l
Enho





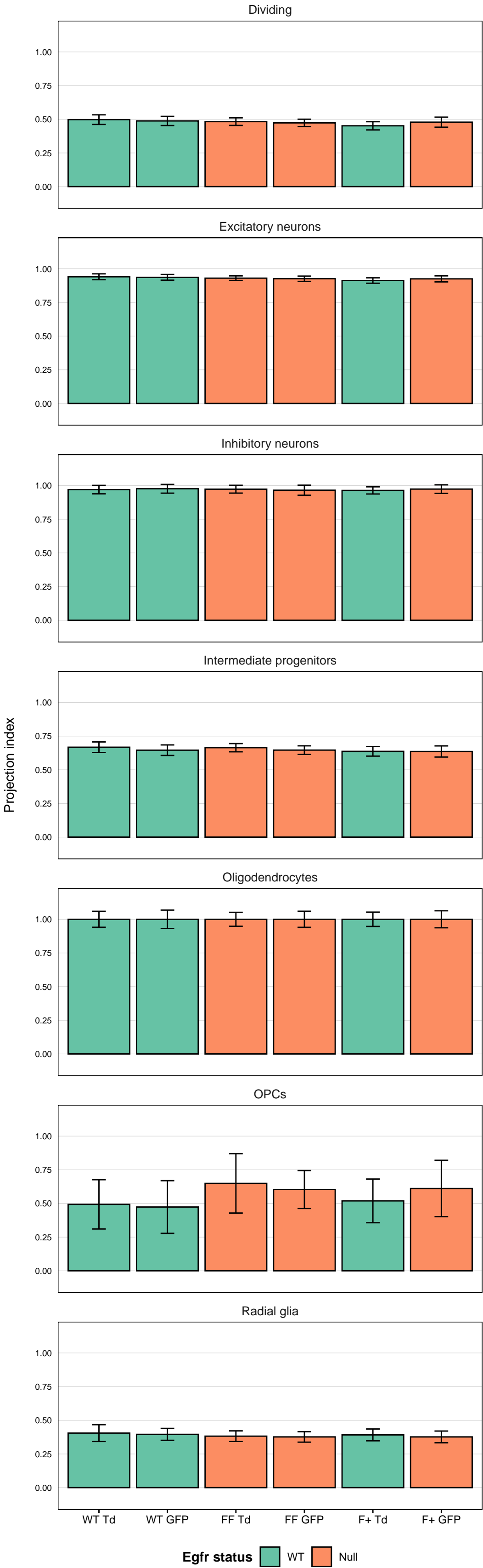
Top genes by kME

Ppp3ca
Ap3b2
Dclk1
Erc2
Atp6v0a1
Nbea
Stxbp1
Crmp1
Kidins220
Agtbbp1
L1cam
Ctnna2
Snap91
Srgap2
Vezt
Vamp2
Ank2
Plppr3
Rtn1
Pclo



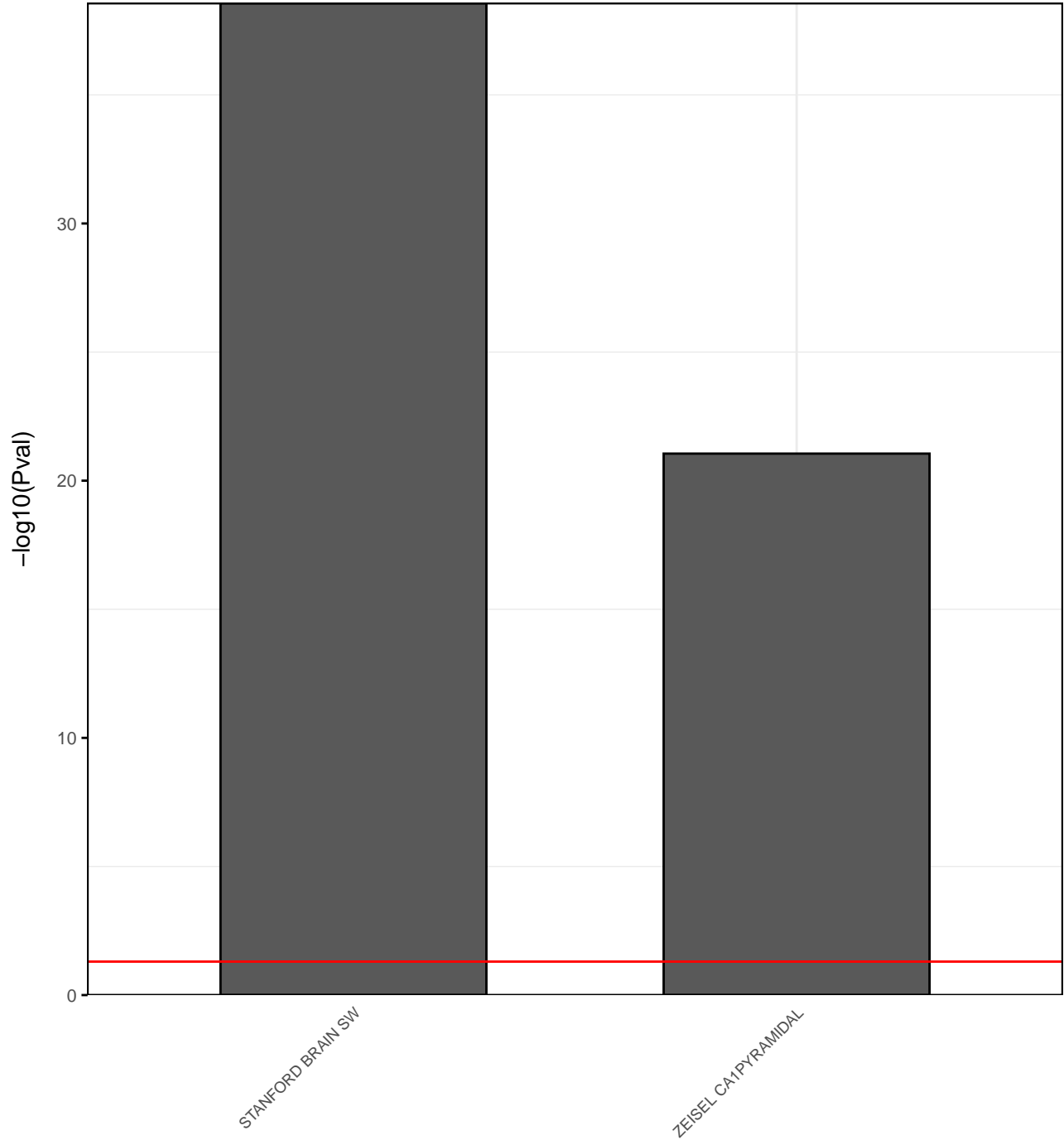
green module
Top 100 by kME

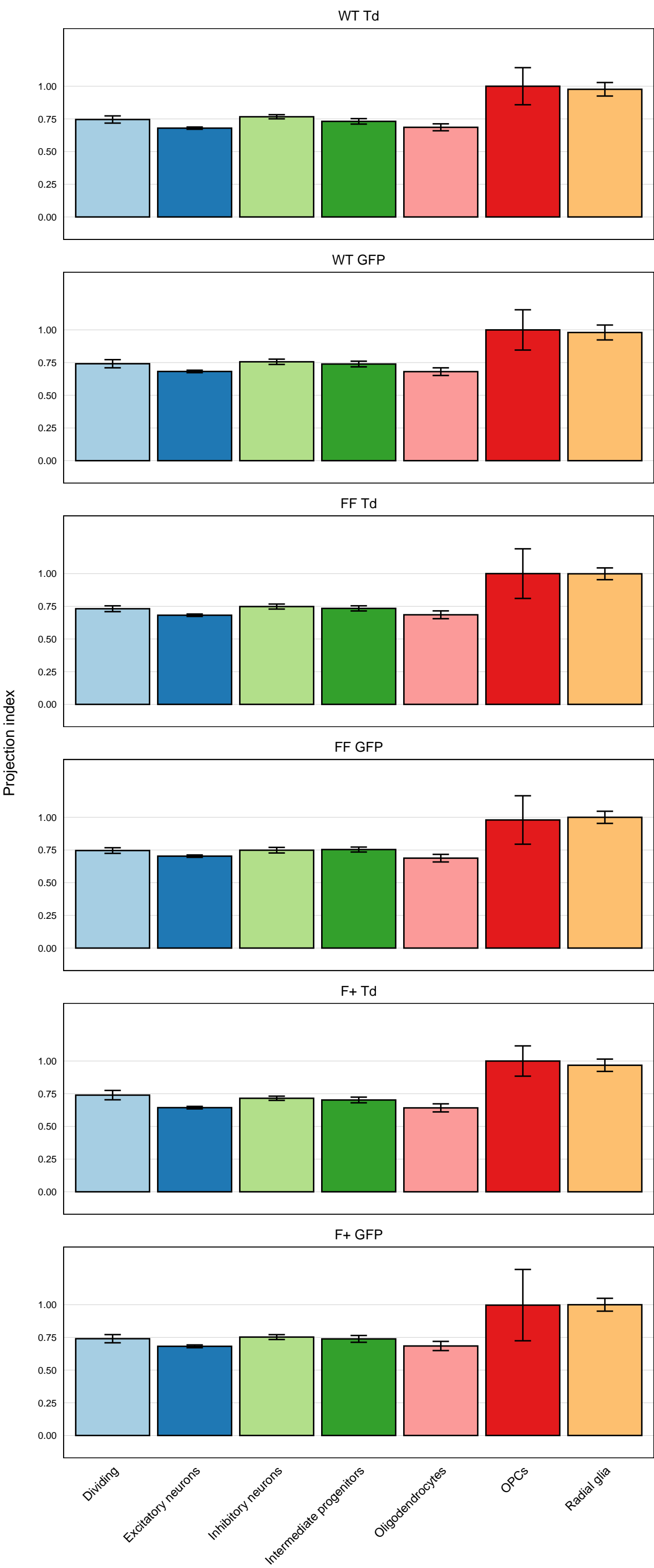
Bicor-None_signum0.66_minSize15_merge_ME_0.85_25509



Top genes by kME

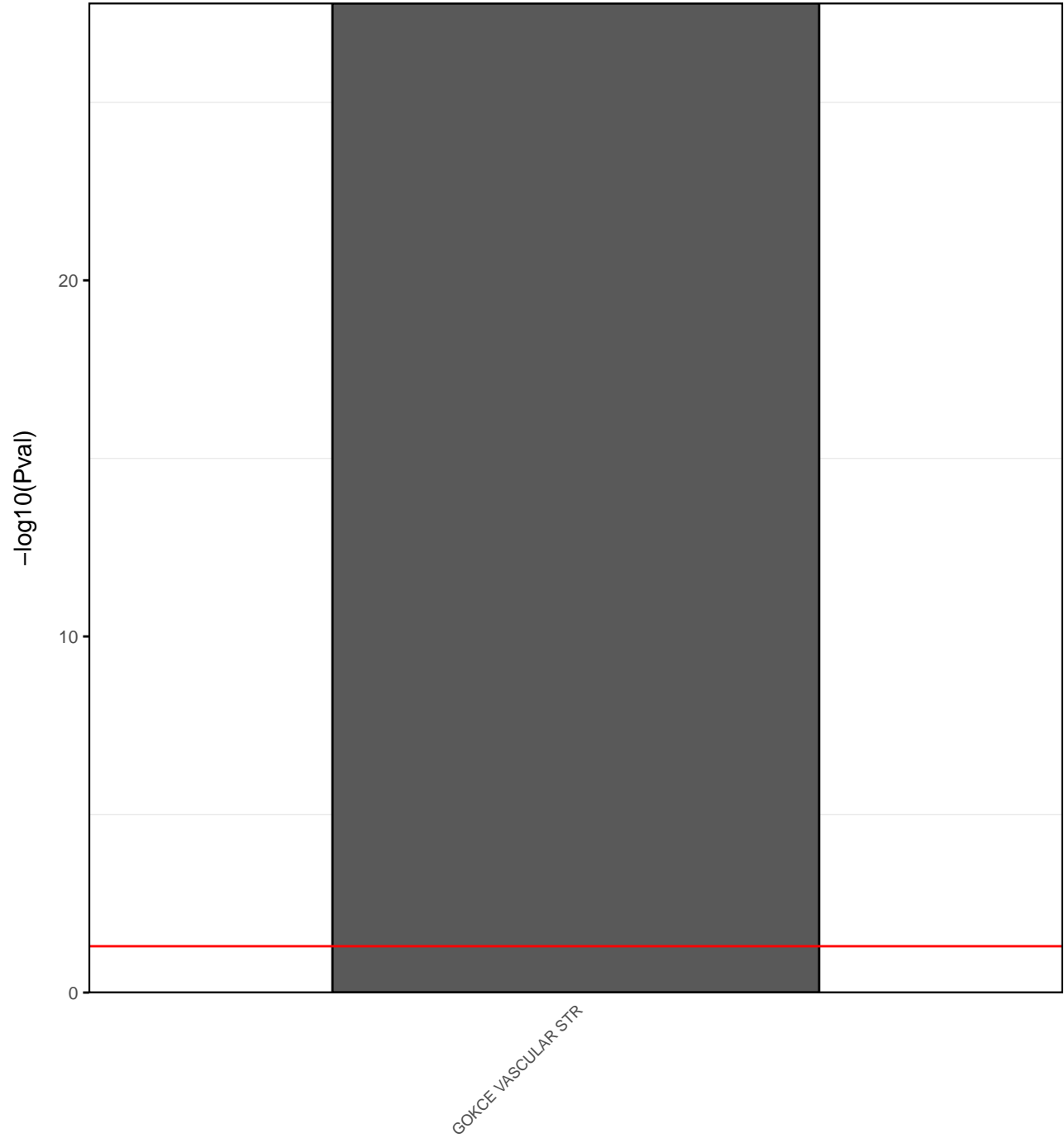
Ppp3ca
Ap3b2
Dclk1
Erc2
Atp6v0a1
Nbea
Stxbp1
Crmp1
Kidins220
Agtpbp1
L1cam
Ctnna2
Snap91
Srgap2
Vezt
Vamp2
Ank2
Plppr3
Rtn1
Pclo

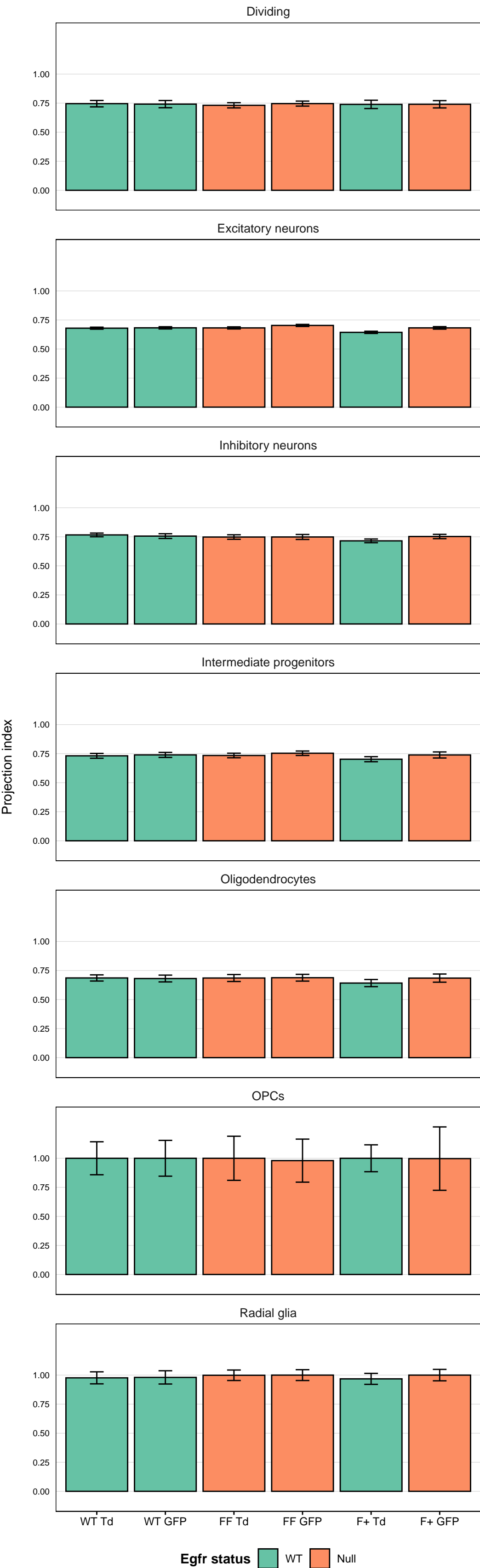




Top genes by kME

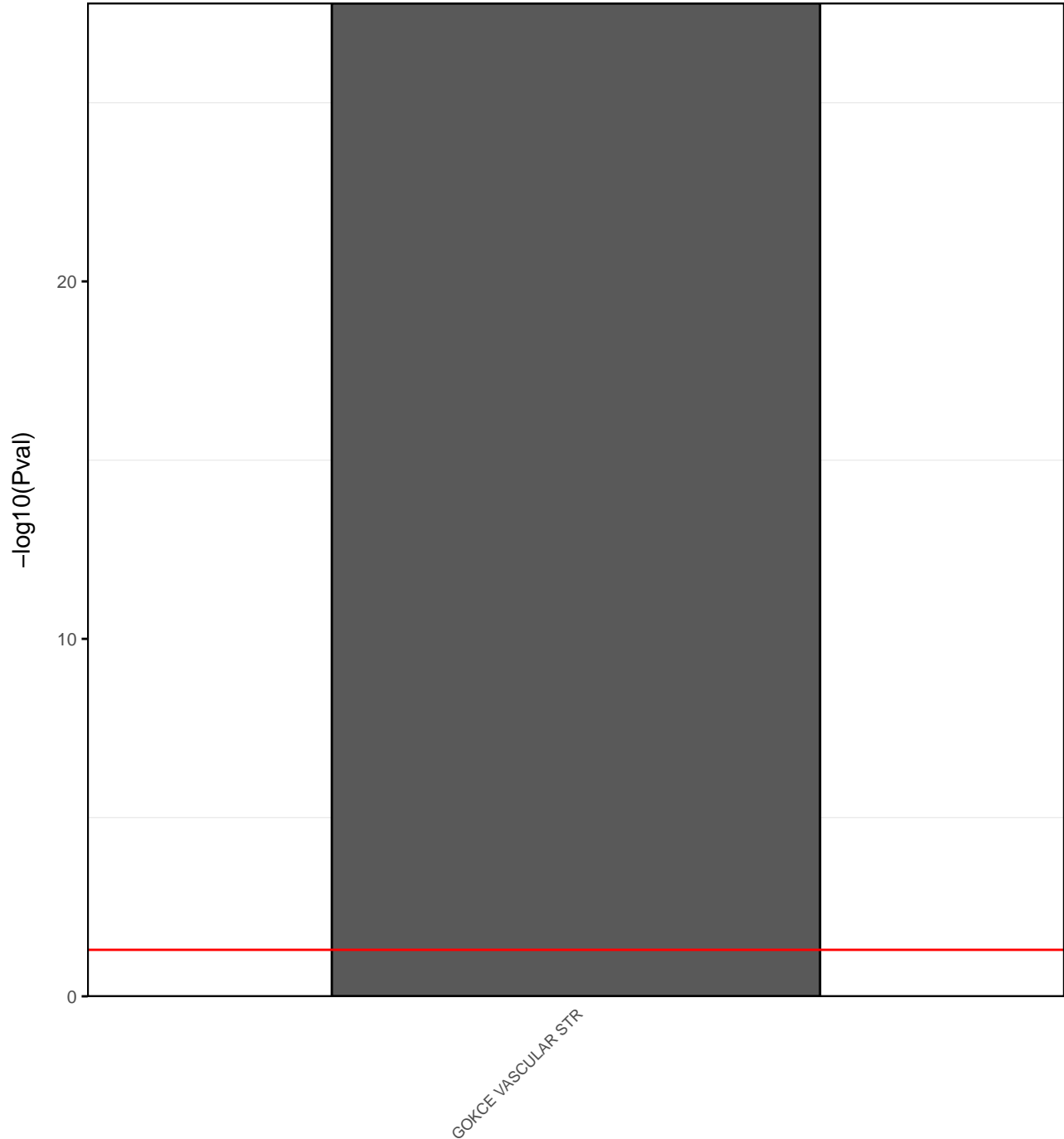
- Ostf1
- Serpine2
- Mfge8
- Apoe
- Sparc
- Dctpp1
- Id1
- Itgb5
- Sat1
- Mlc1
- Lgals1
- Kbtbd11
- Phgdh
- Bpgm
- Atp1a2
- Fabp7
- Epb41l4aos
- Fam181b
- S100a1
- mt-Atp6

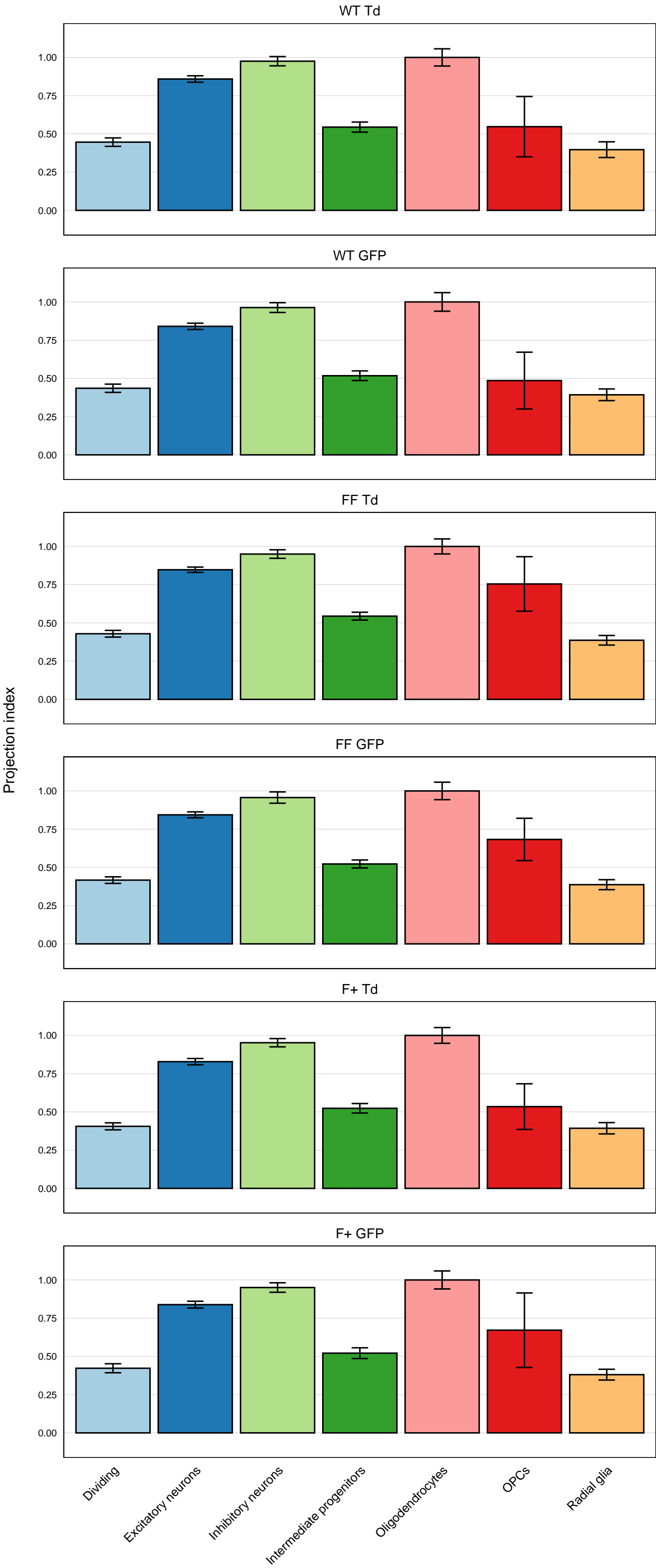




Top genes by kME

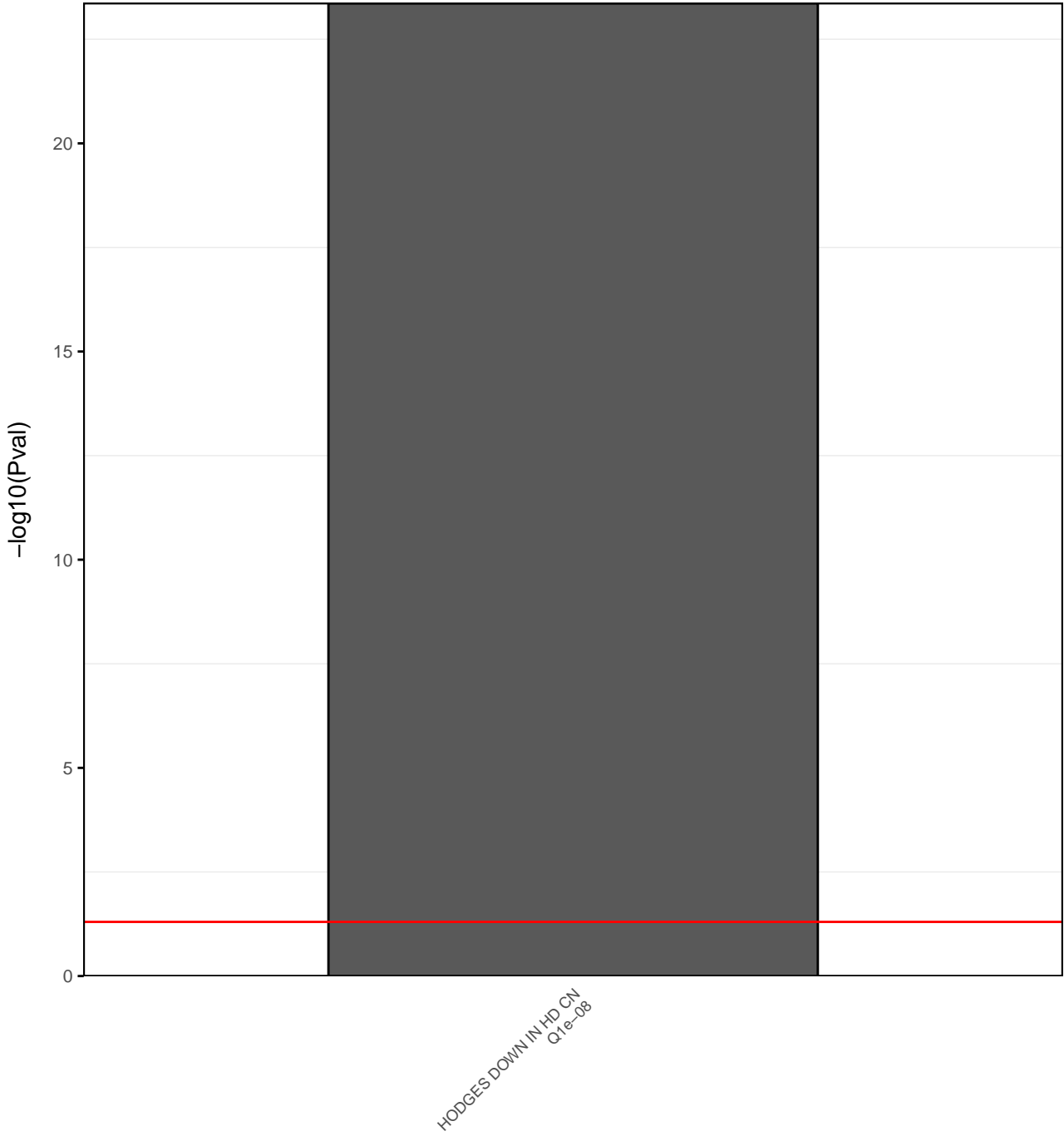
Ostf1
Serpine2
Mfge8
ApoE
Sparc
Dctpp1
Id1
Itgb5
Sat1
Mlc1
Lgals1
Kbtbd11
Phgdh
Bpgm
Atp1a2
Fabp7
Epb41l4aos
Fam181b
S100a1
mt-Atp6





Top genes by kME

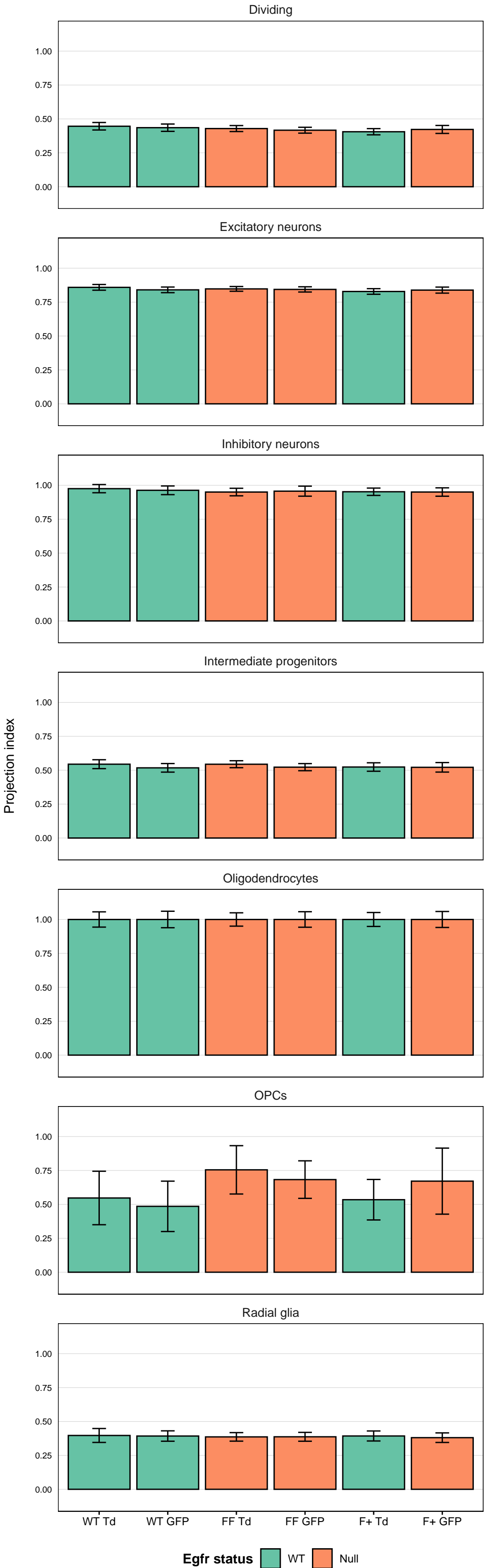
Reep1
Sez6
Rtn1
Erc2
Celf5
Anks1b
Atp1a3
Epn2
Slc6a6
Plppr3
Snap91
Cacna1b
Map9
Srcin1
Celf3
Arhgef9
Dclk1
Nrnx1
Agtpbp1
Gabbr1



pink module

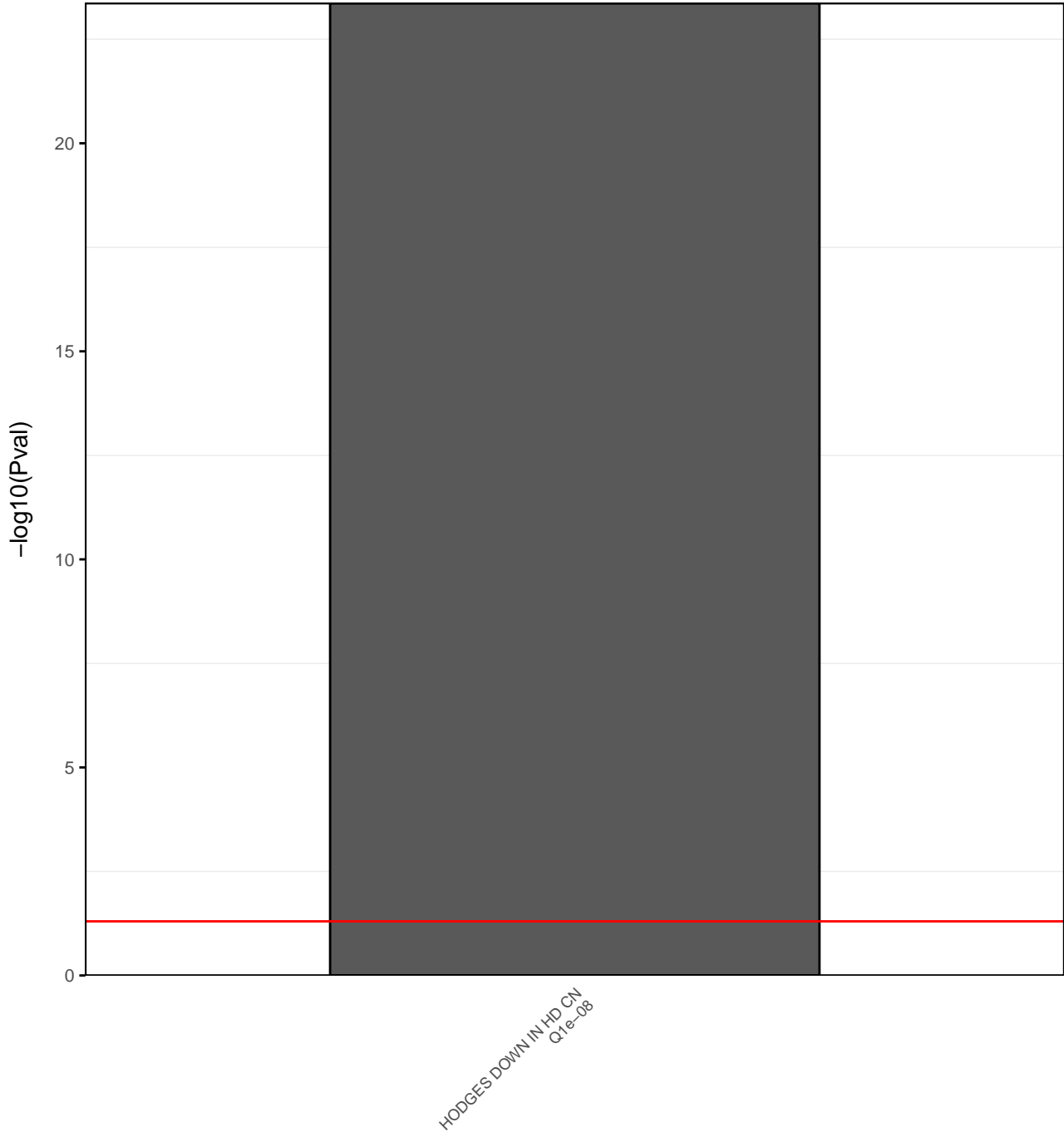
Top 100 by kME

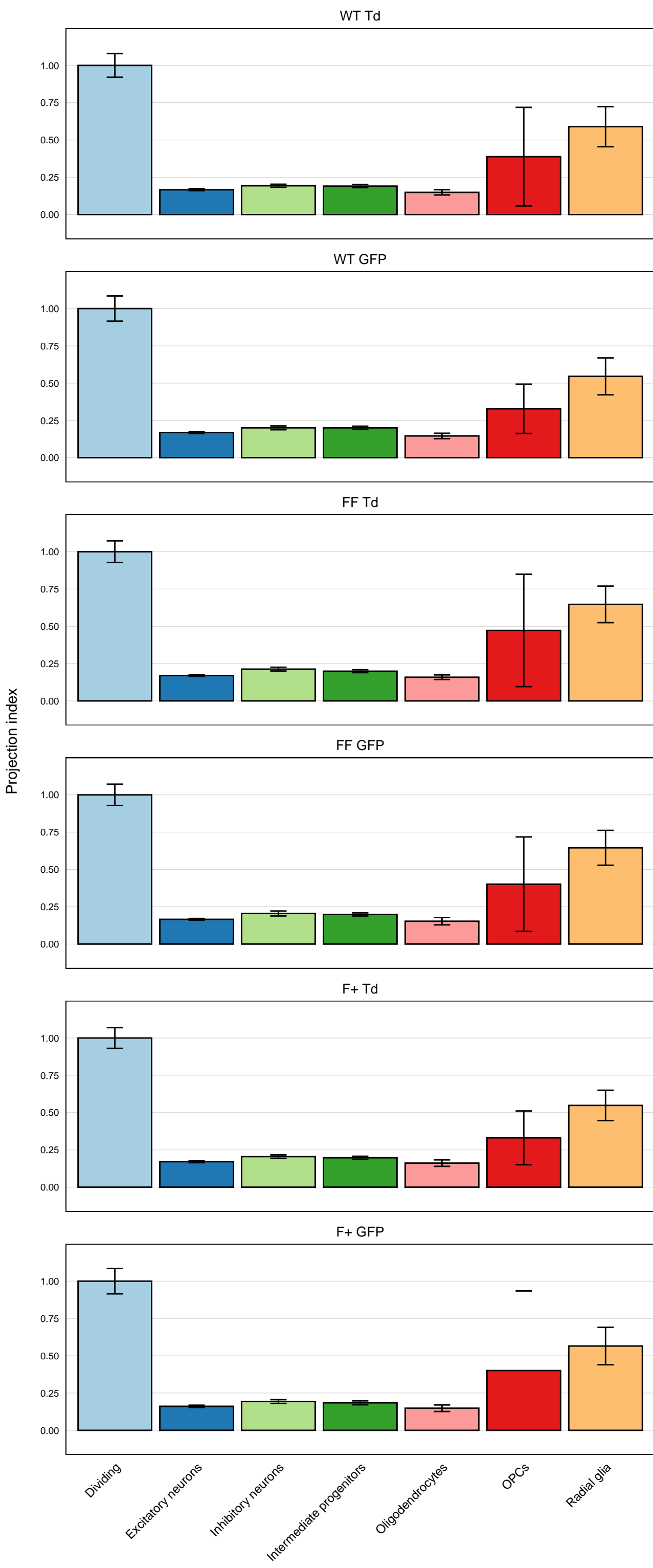
Bicor-None_signum0.627_minSize12_merge_ME_0.85_25509



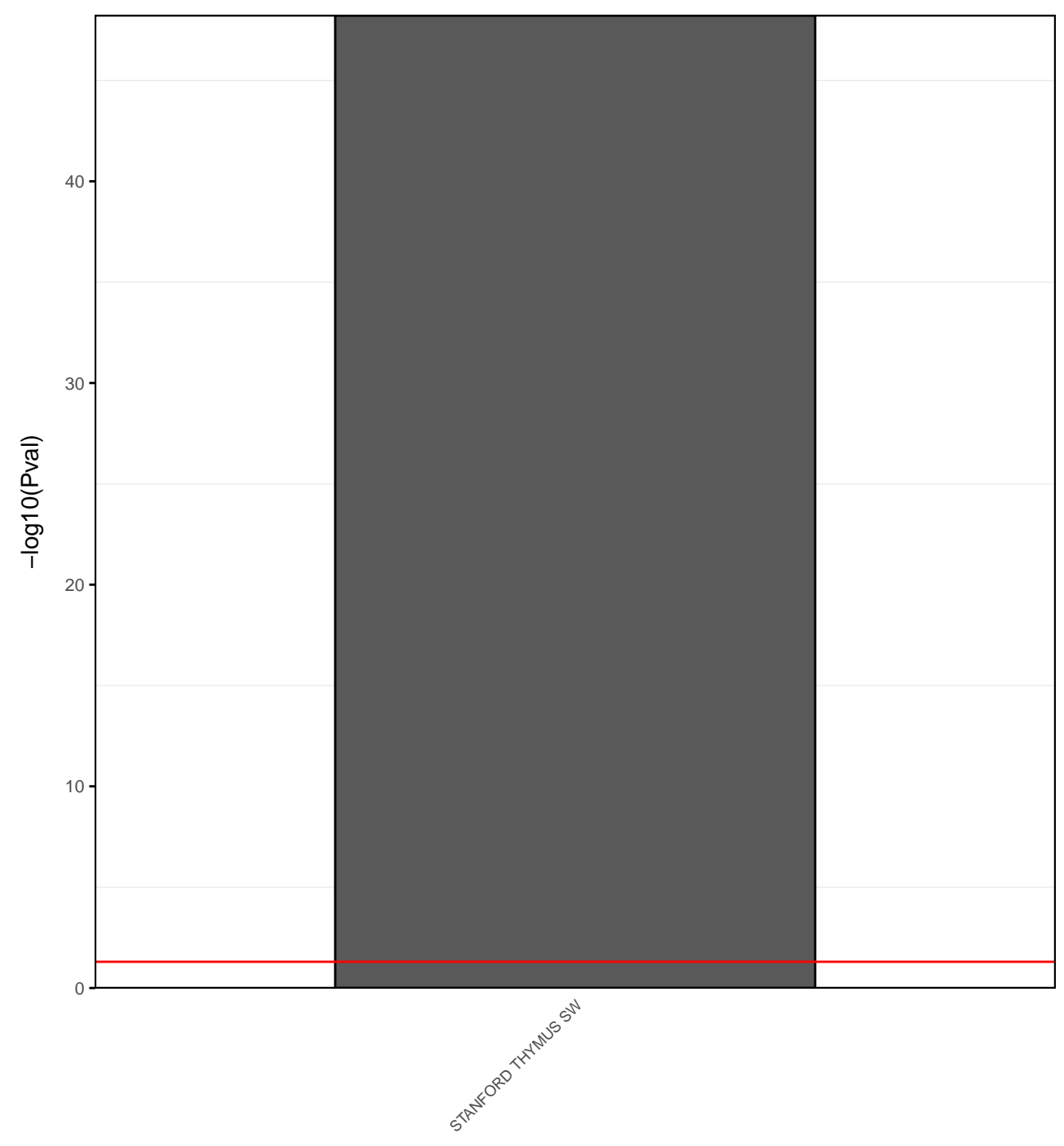
Top genes by kME

Reep1
Sez6
Rtn1
Erc2
Celf5
Anks1b
Atp1a3
Epn2
Slc6a6
Plppr3
Snap91
Cacna1b
Map9
Srcin1
Celf3
Arhgef9
Dclk1
Nrnx1
Agtpbp1
Gabbr1

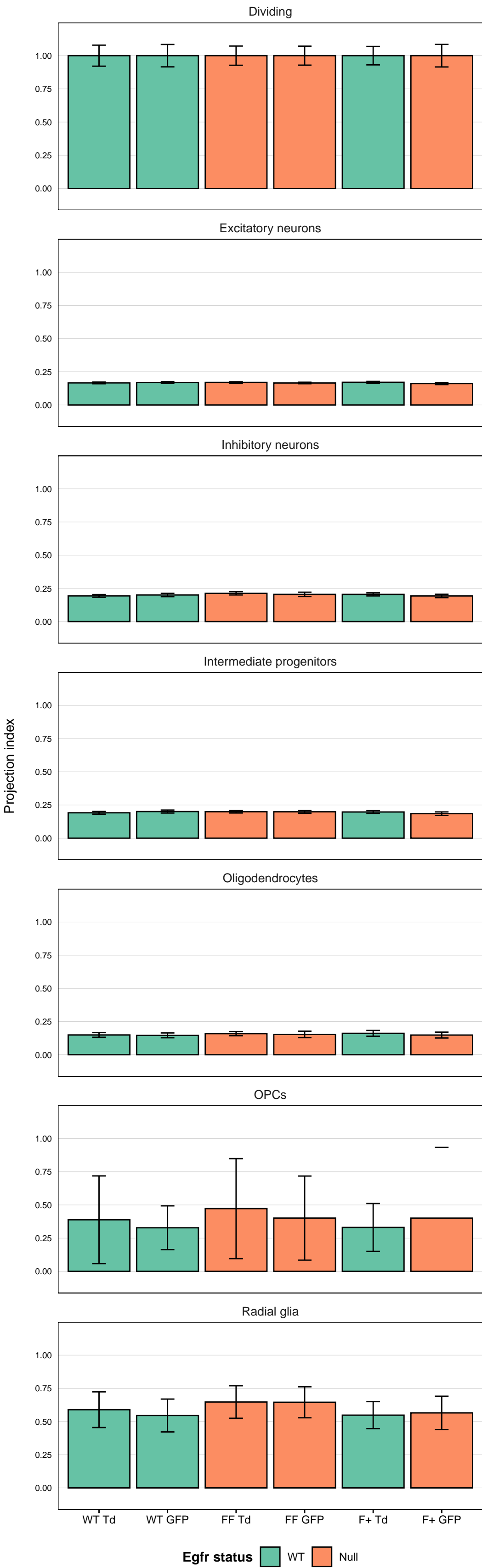




- Top genes by kME**
- Cdca2
 - Racgap1
 - Lig1
 - Nusap1
 - Rrm2
 - Paics
 - Incenp
 - Ccna2
 - Kif2c
 - Mcm3
 - Kif23
 - Ect2
 - Smc2
 - Tpx2
 - Tpm4
 - Mcm2
 - Prc1
 - Chaf1a
 - Mcm5
 - Tmpo

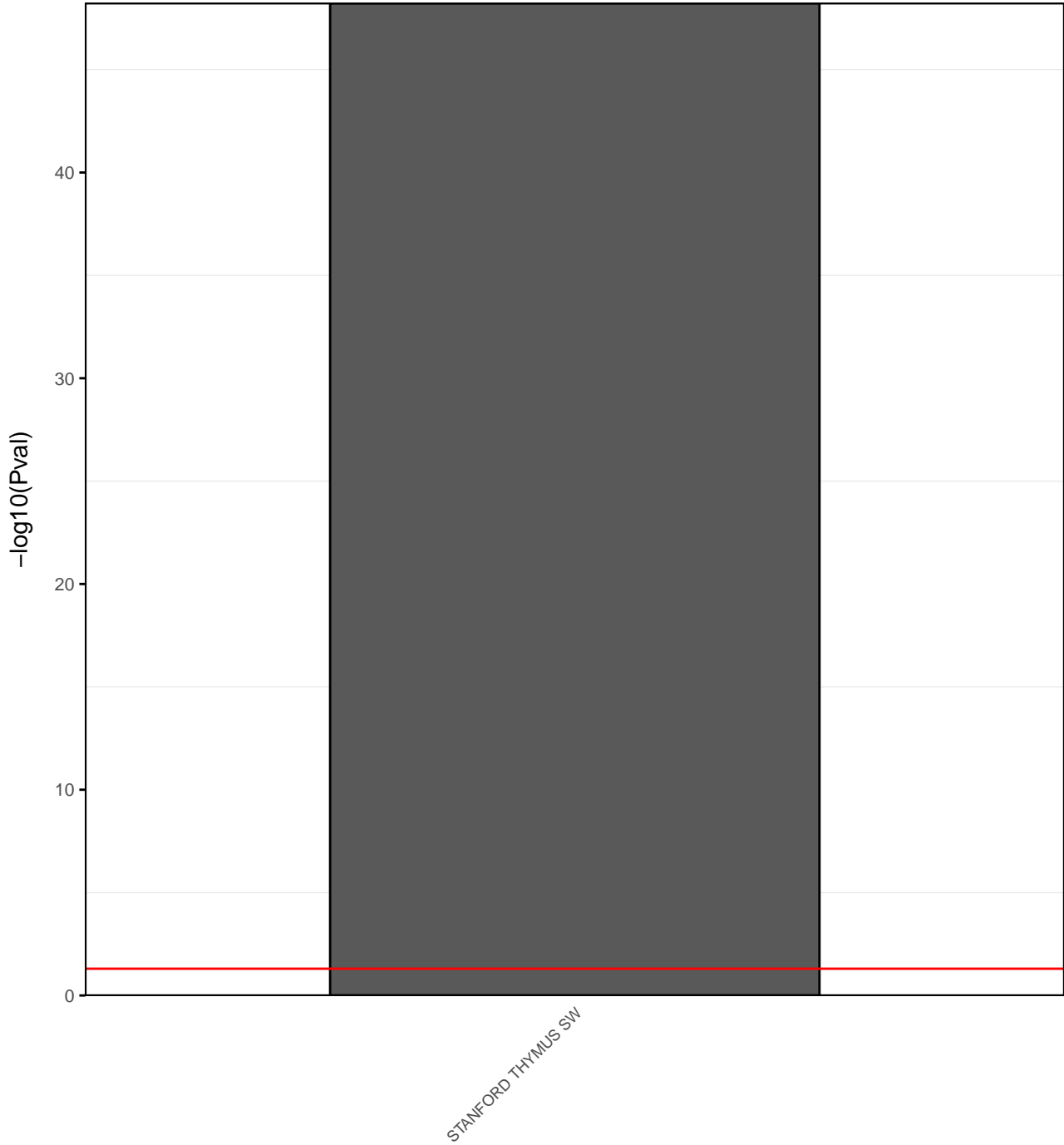


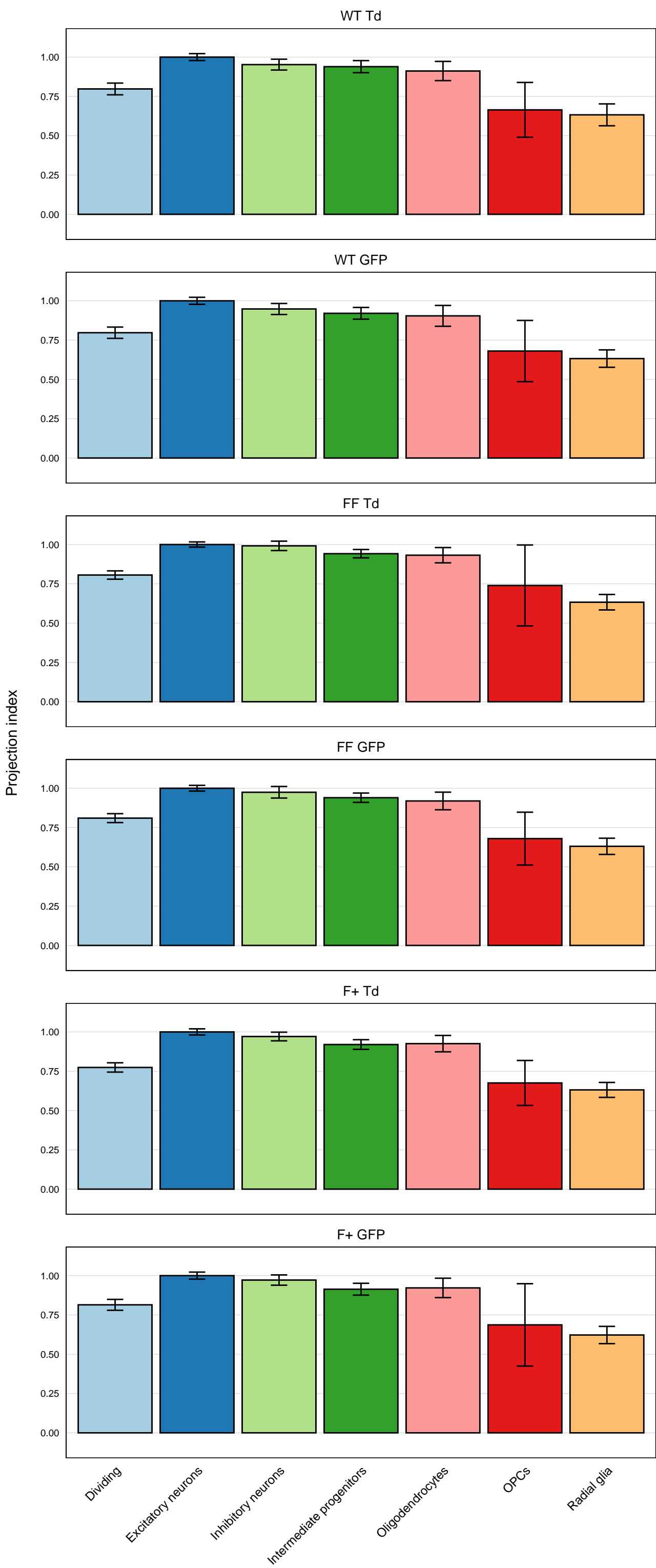
red module
Top 100 by kME
Bicor-None_signum0.66_minSize10_merge_ME_0.85_25509



Top genes by kME

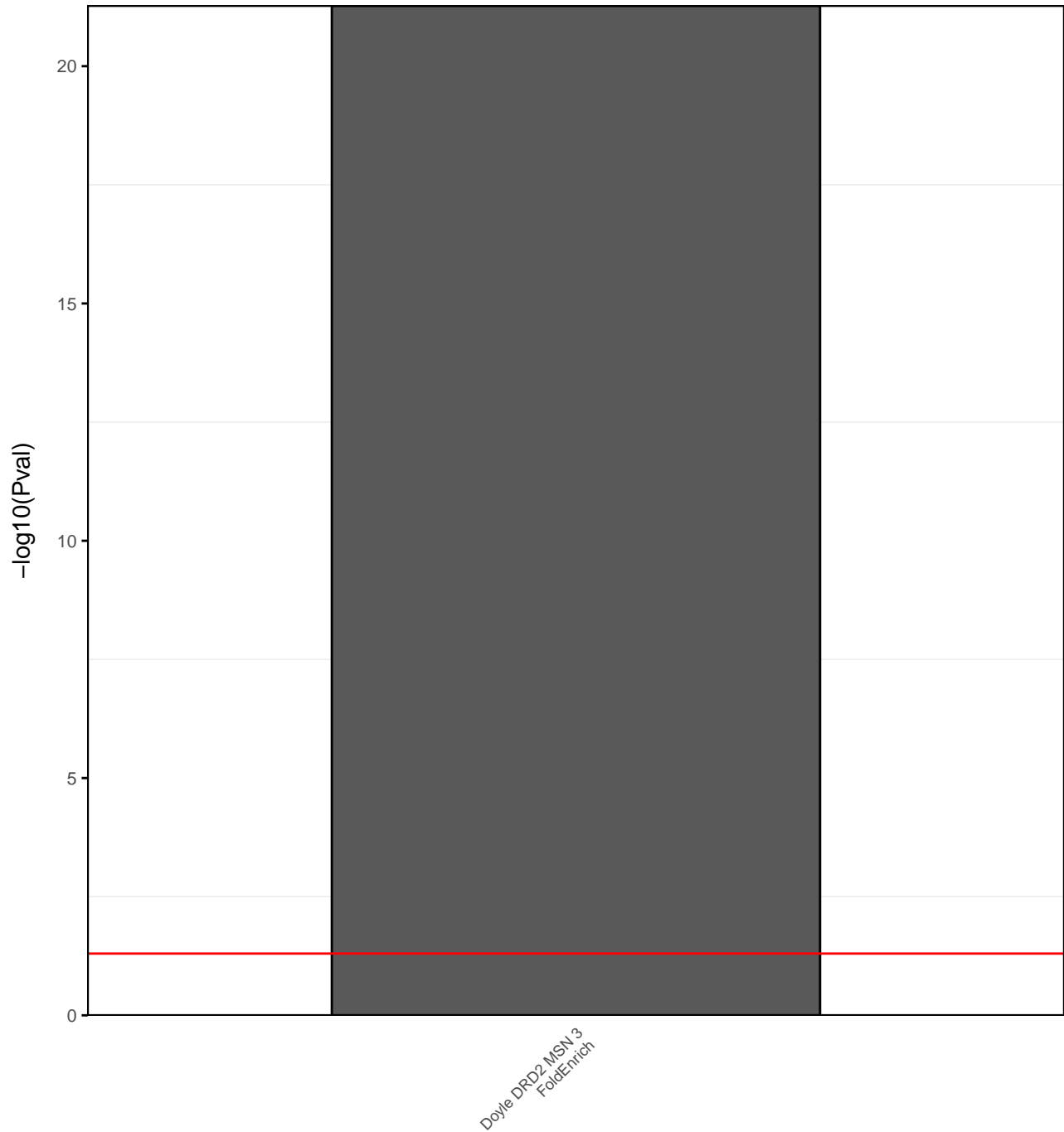
Cdca2
Racgap1
Lig1
Nusap1
Rrm2
Paics
Incenp
Ccna2
Kif2c
Mcm3
Kif23
Ect2
Smc2
Tpx2
Tpm4
Mcm2
Prc1
Chaf1a
Mcm5
Tpmo





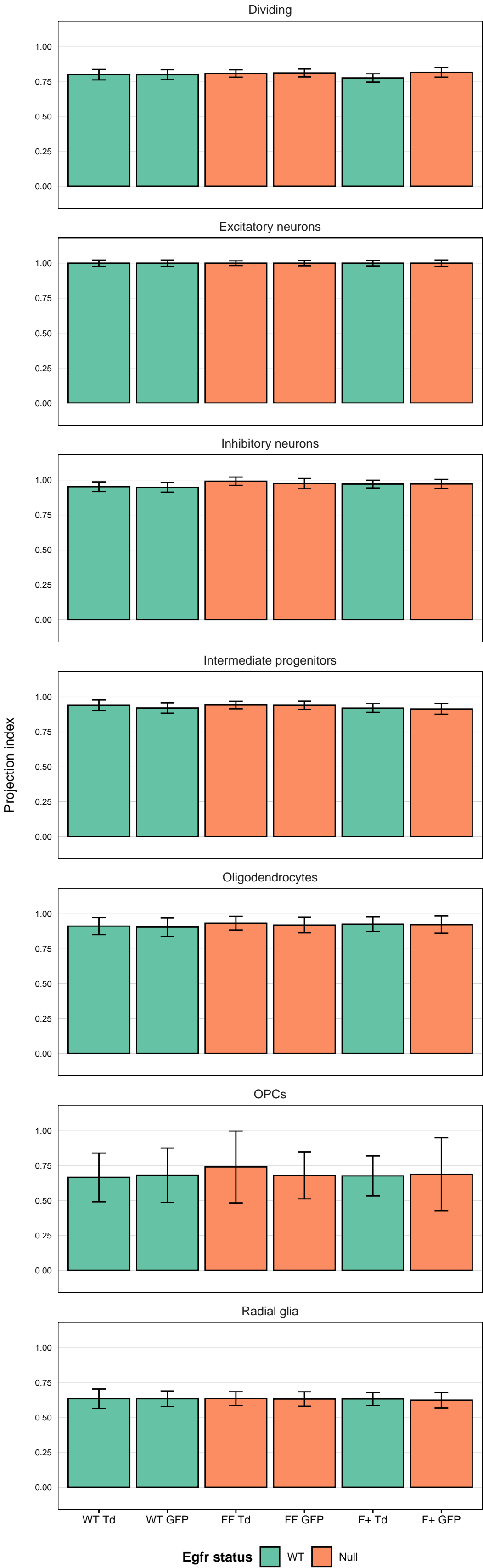
Top genes by kME

Dab1
Fdft1
Mfsd6
Ybx3
Cd24a
Tmem44
Kif2a
Sh2b2
Rgs7bp
Cdkn1c
Nudt10
Cacna2d1
Eef1d
Clmp
Cdc42ep3
Mark1
Itpr1
Prkar2b
Dab2ip
Rnf24



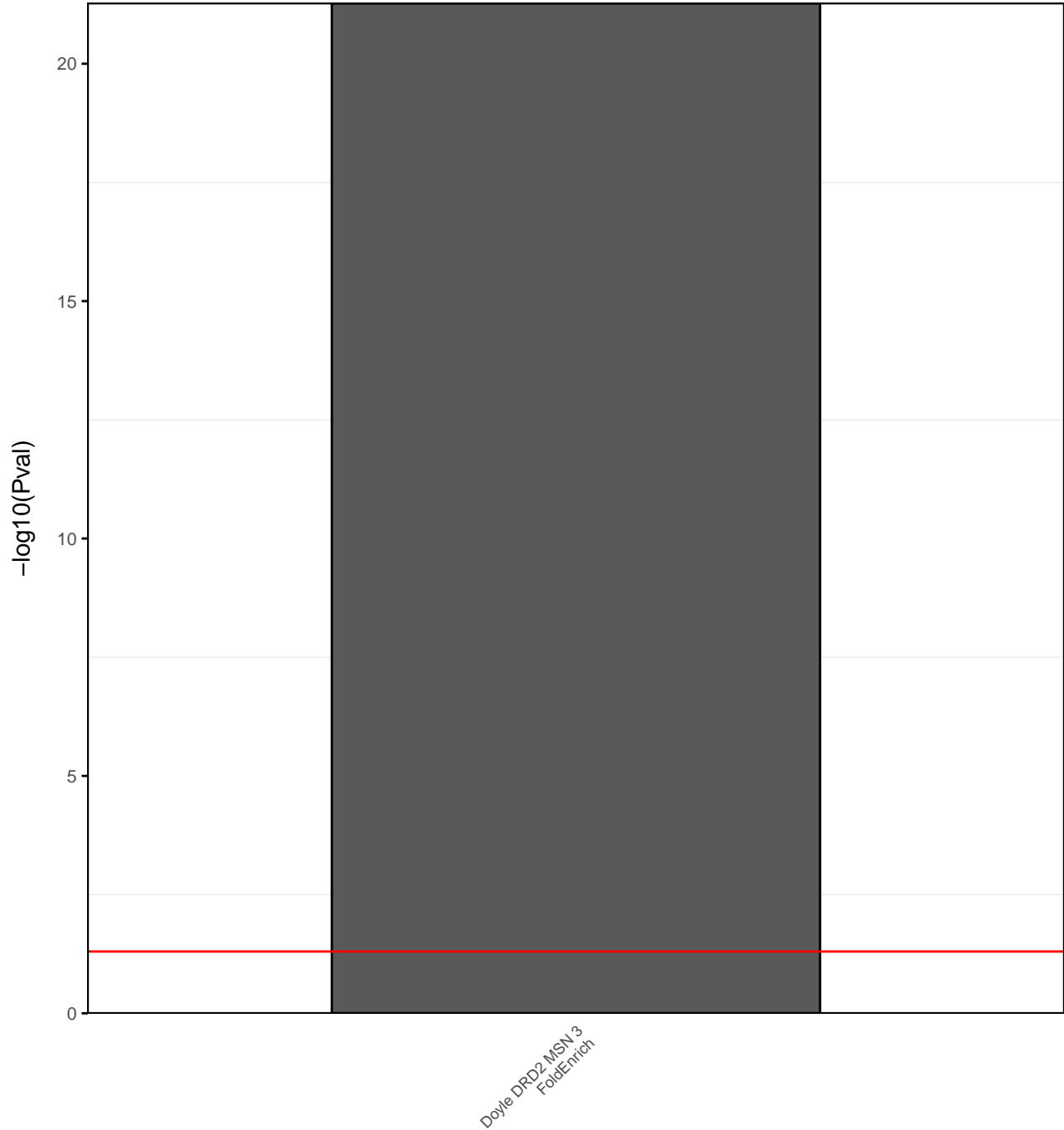
yellow module
Top 100 by kME

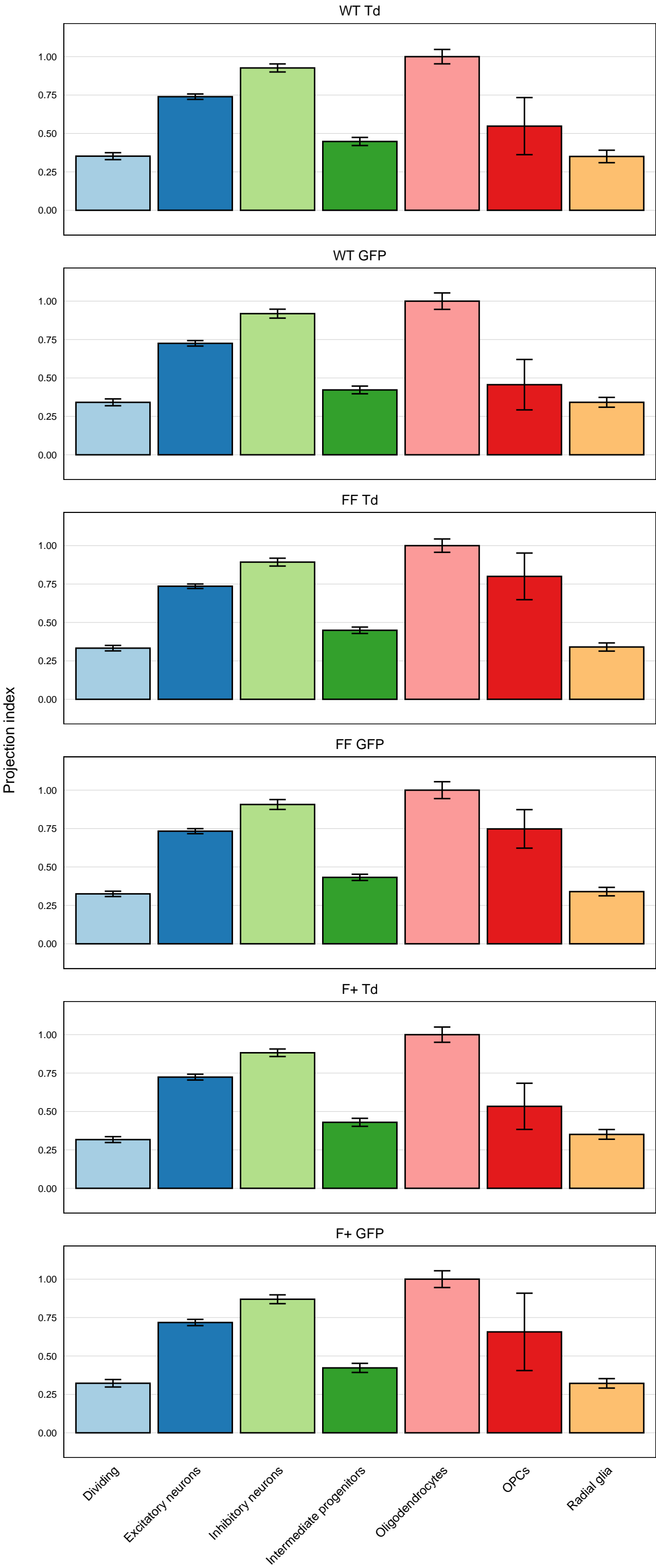
Bicor-None_signum0.66_minSize10_merge_ME_0.85_25509



Top genes by kME

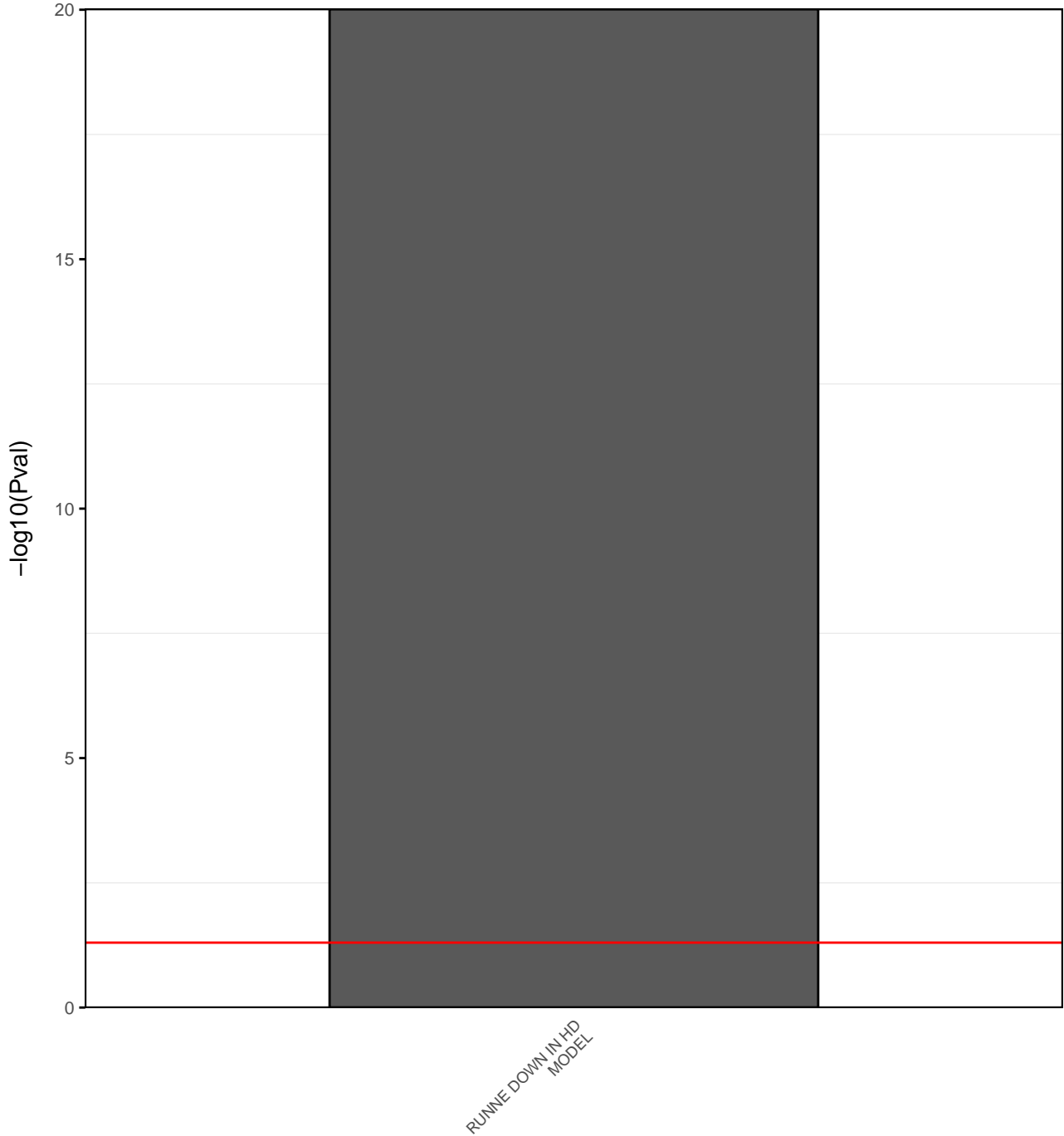
Dab1
Fdft1
Mfsd6
Ybx3
Cd24a
Tmem44
Kif2a
Sh2b2
Rgs7bp
Cdkn1c
Nudt10
Cacna2d1
Eef1d
Clmp
Cdc42ep3
Mark1
Itpr1
Prkar2b
Dab2ip
Rnf24

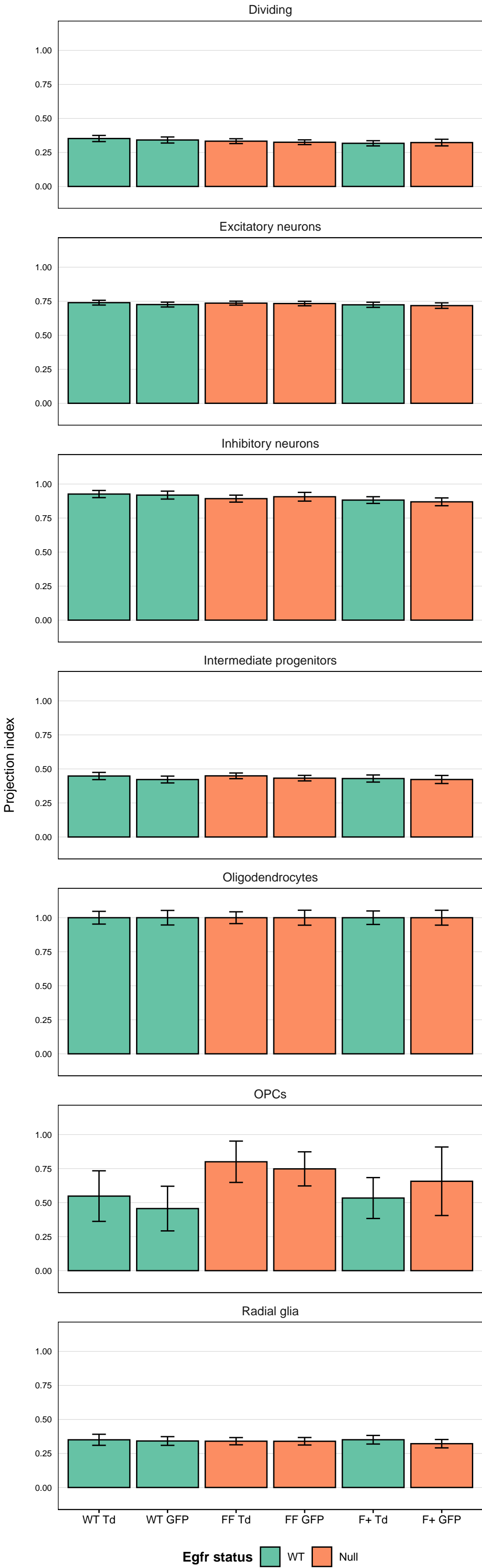




Top genes by kME

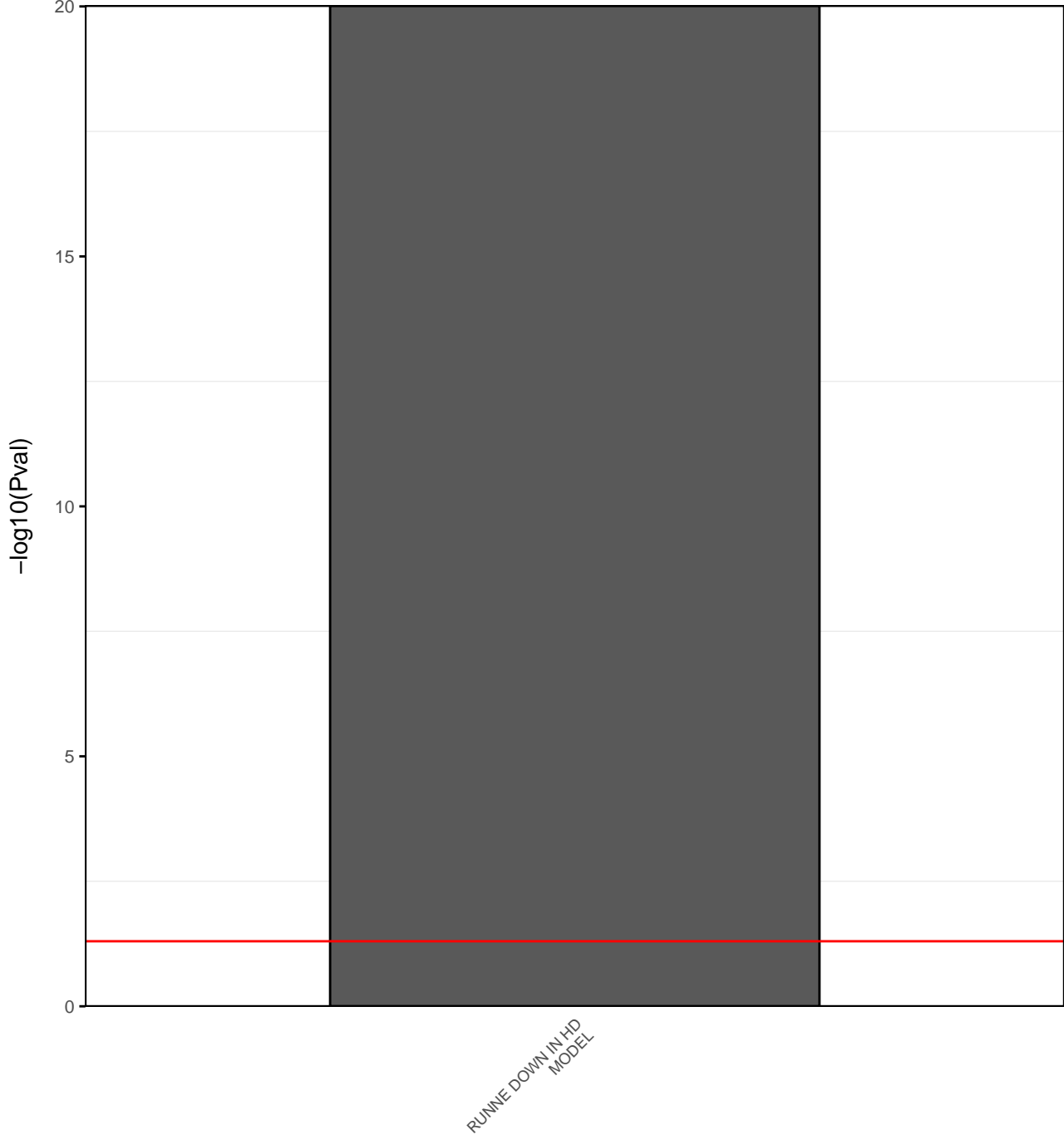
Syt1
Gria1
Cadm1
Syt5
Shank1
Epb41l1
Gria4
Adgrb3
Efnb3
Nrnx1
Slc4a3
Mapt
Cacna1b
Adgrl3
Anks1b
Zdhhc2
Scn3b
Atp1a3
Gpr27
Tenm1

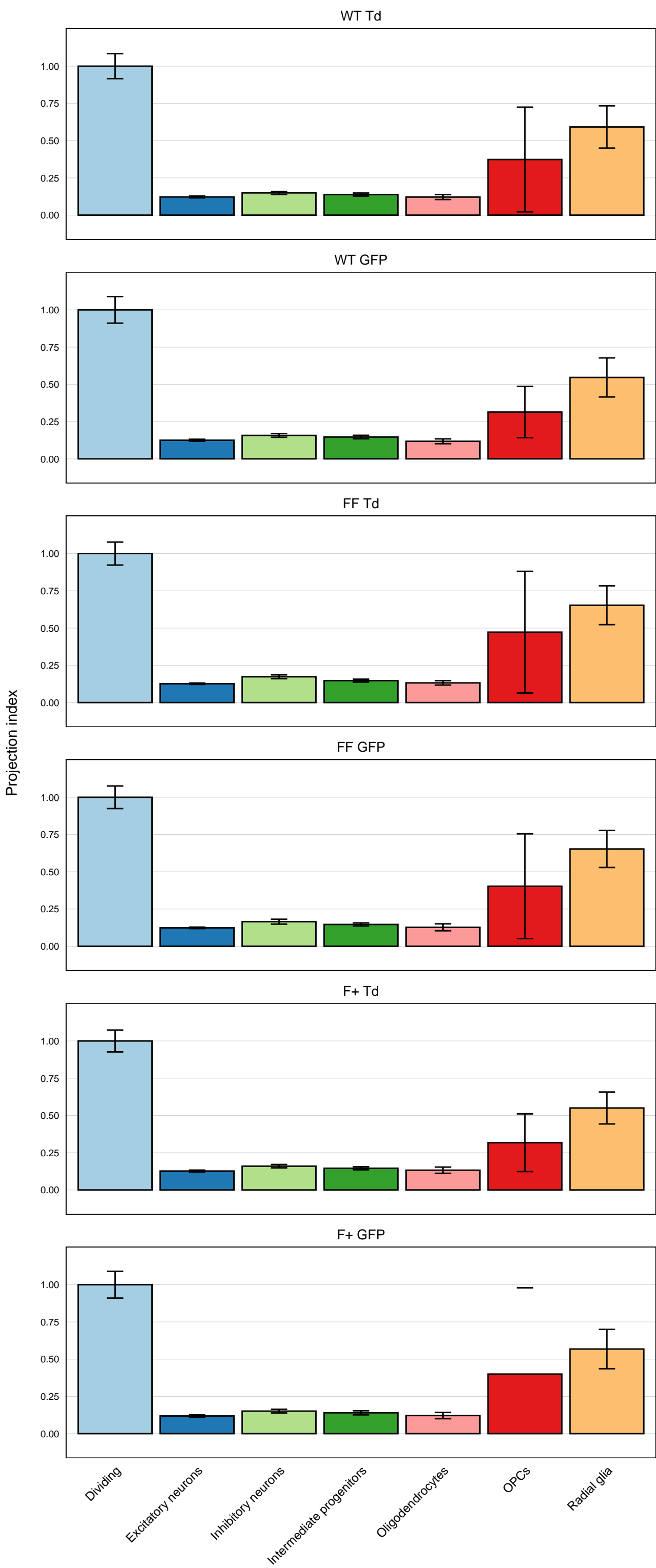




Top genes by kME

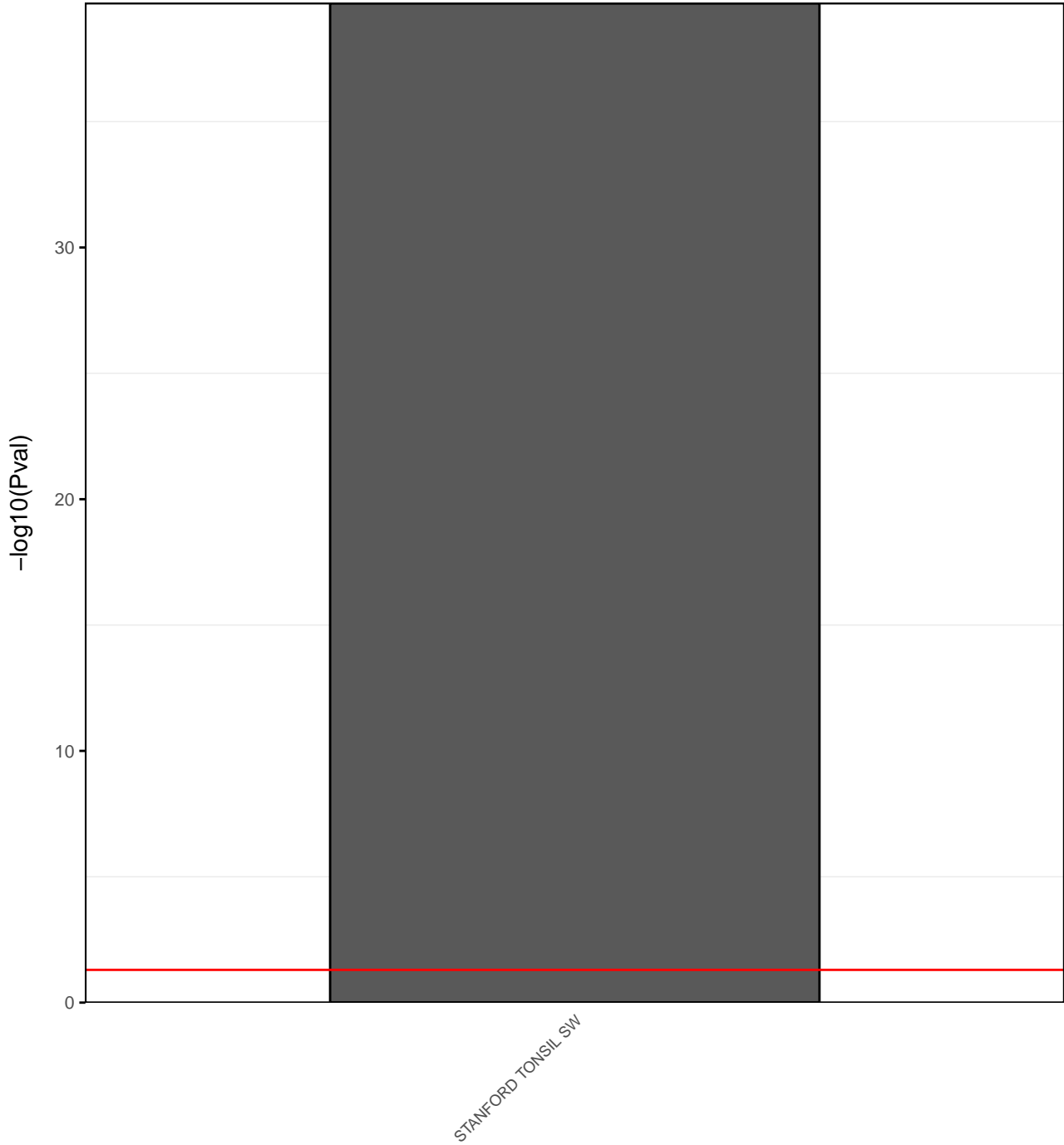
Syt1
Gria1
Cadm1
Syt5
Shank1
Epb41l1
Gria4
Adgrb3
Efnb3
Nrxn1
Slc4a3
Mapt
Cacna1b
Adgrl3
Anks1b
Zdhhc2
Scn3b
Atp1a3
Gpr27
Tenm1



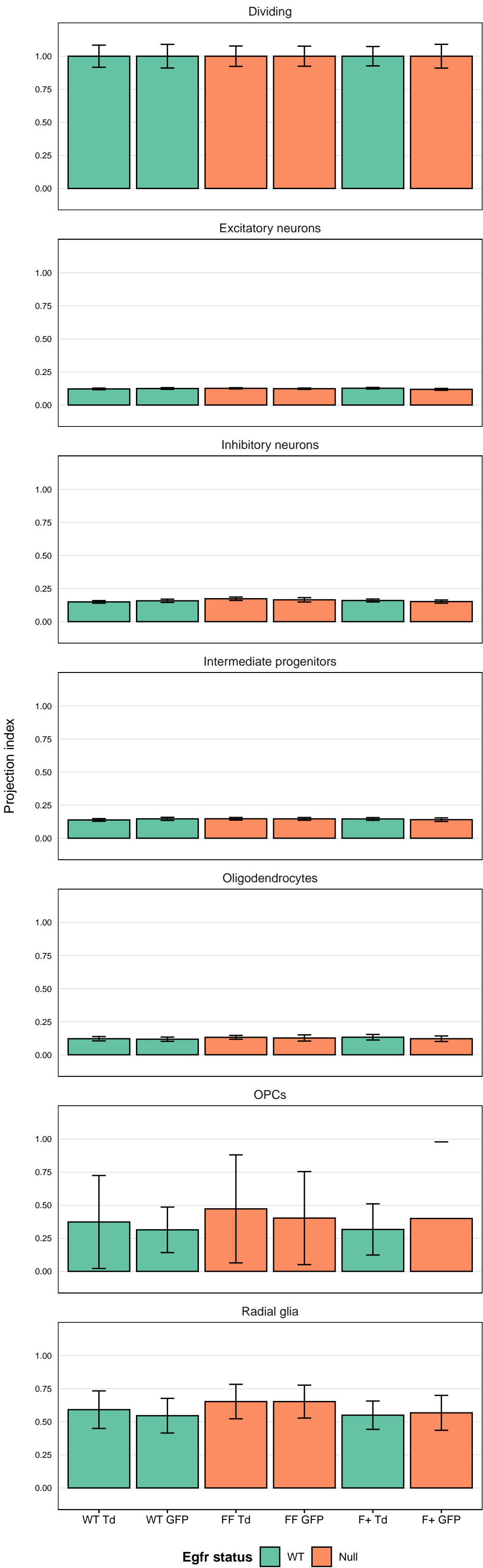


Top genes by kME

Cdca2
Nusap1
Racgap1
Ect2
Smc2
Lig1
Mcm3
Ccna2
Kif11
Rrm2
Bub1
Kif2c
Mcm2
Kif23
Prc1
Nuf2
Knstrn
Tpx2
Incenp
Dlgap5

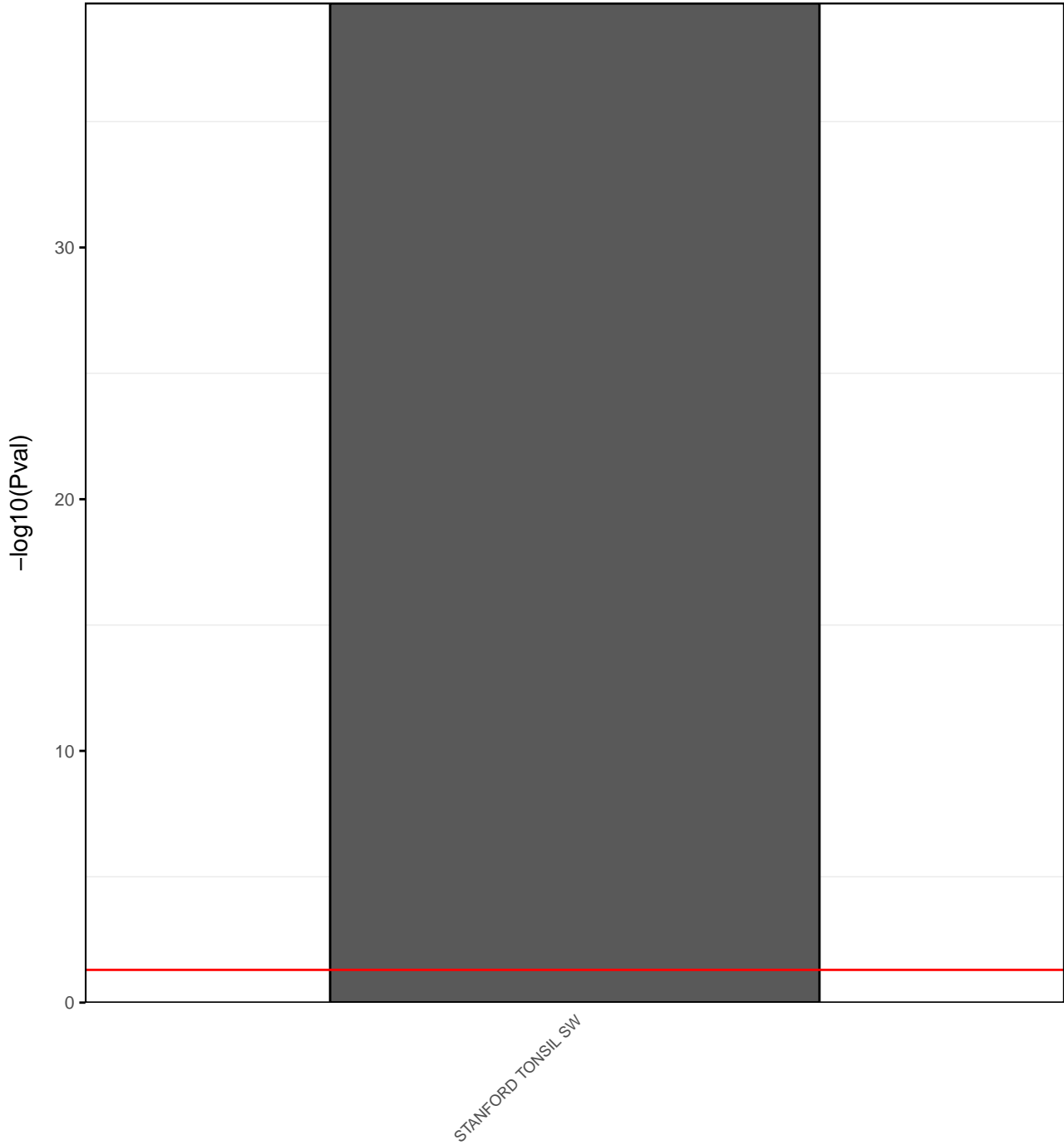


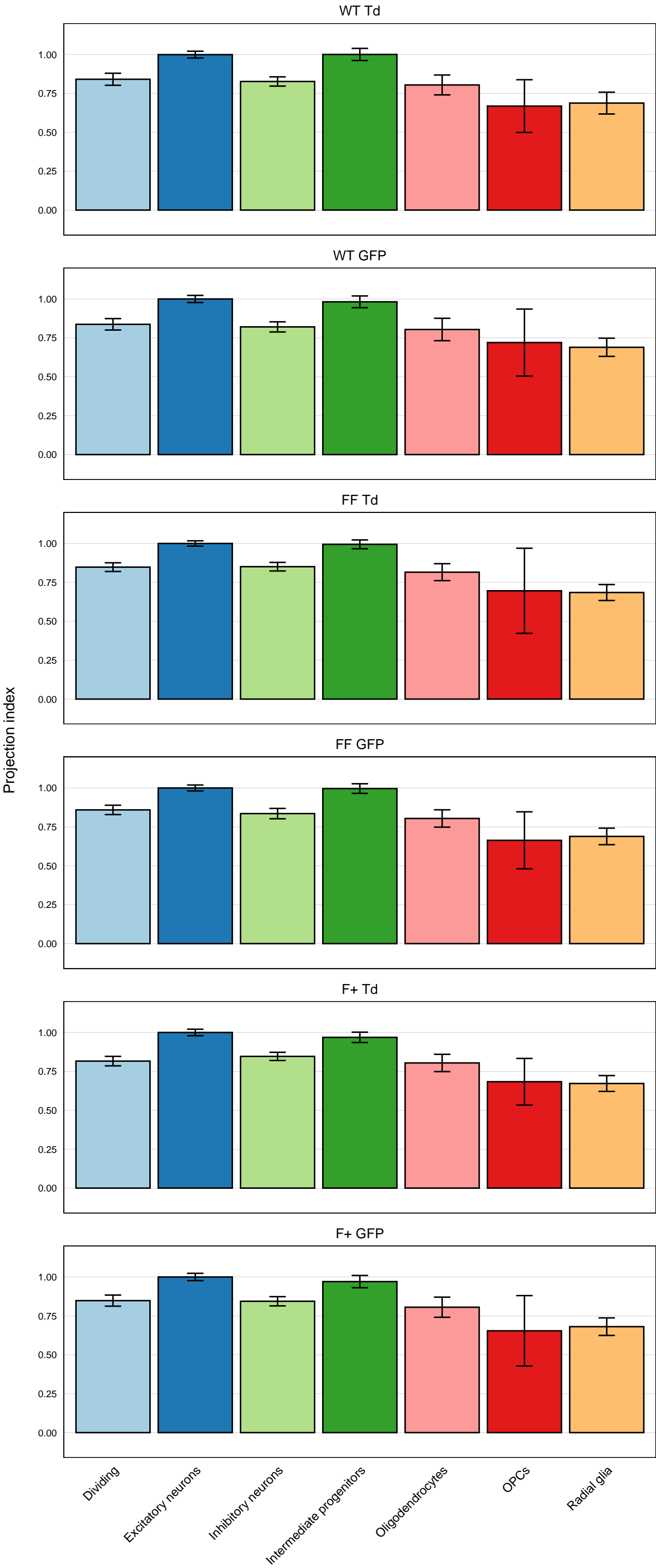
purple module
Top 100 by kME
Bicor-None_signum0.807_minSize8_merge_ME_0.85_25509



Top genes by kME

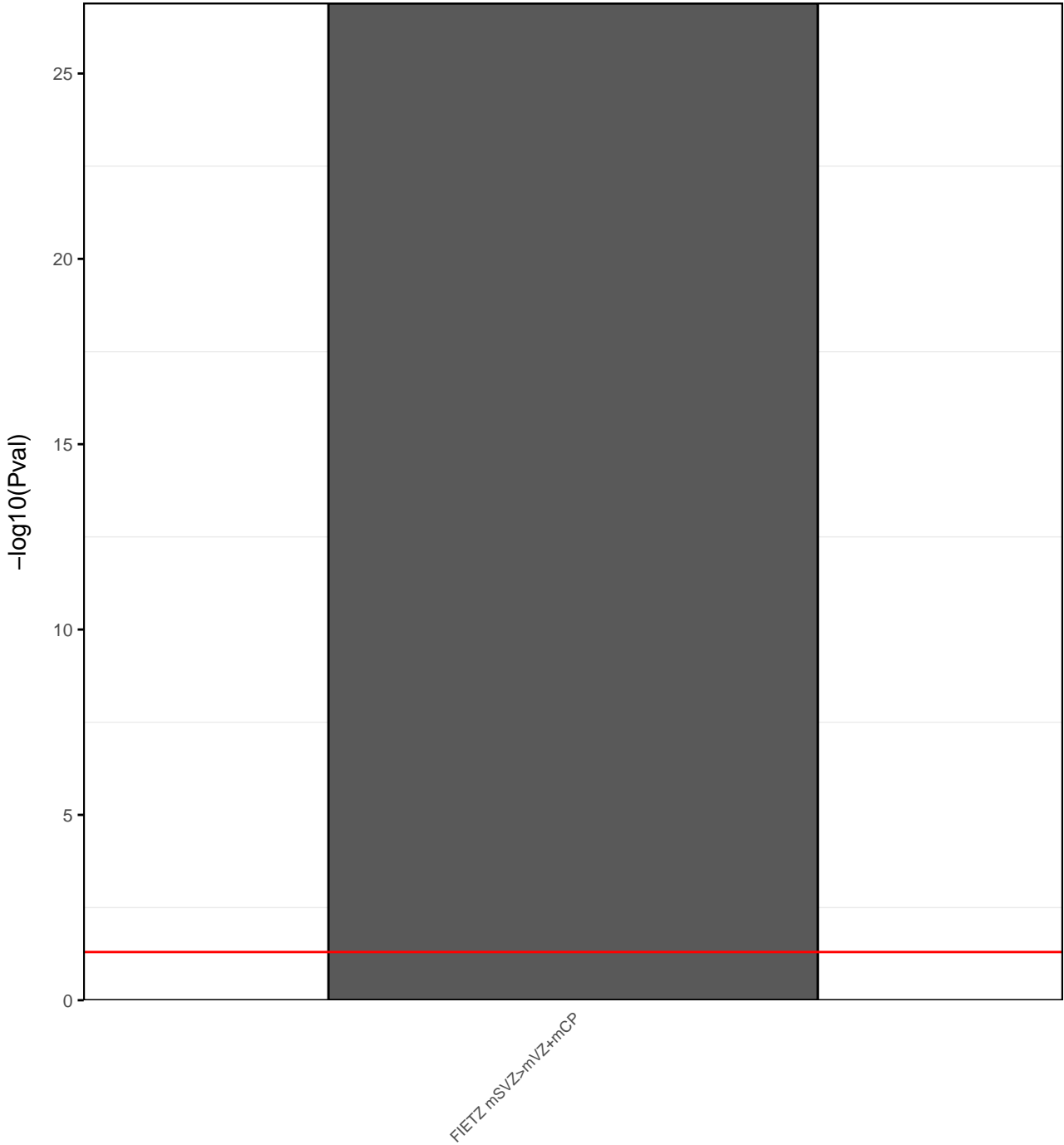
Cdca2
Nusap1
Racgap1
Ect2
Smc2
Lig1
Mcm3
Ccna2
Kif11
Rrm2
Bub1
Kif2c
Mcm2
Kif23
Prc1
Nuf2
Knstrn
Tpx2
Incenp
Dlgap5

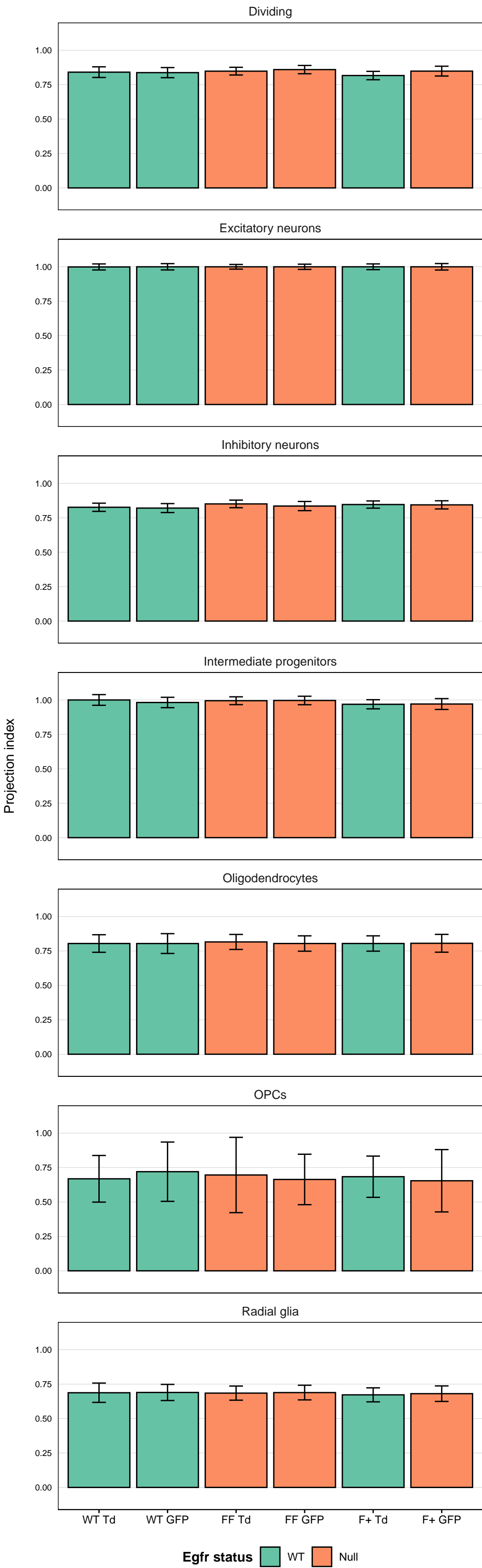




Top genes by kME

- Psd3
- Ralgapa2
- Ccdc177
- Frmd5
- Avl9
- Enc1
- Pik3ca
- Satb1
- Kif21b
- Tacc1
- Myt1l
- Dusp4
- Chd9
- Cdh2
- Baz1b
- Zeb2
- Epb41l3
- Sox5
- Kcnk10
- Ncl





Top genes by kME

Psd3
Ralgapa2
Ccdc177
Frmd5
Avl9
Enc1
Pik3ca
Satb1
Kif21b
Tacc1
Myt1l
Dusp4
Chd9
Cdh2
Baz1b
Zeb2
Epb41l3
Sox5
Kcnk10
Ncl

