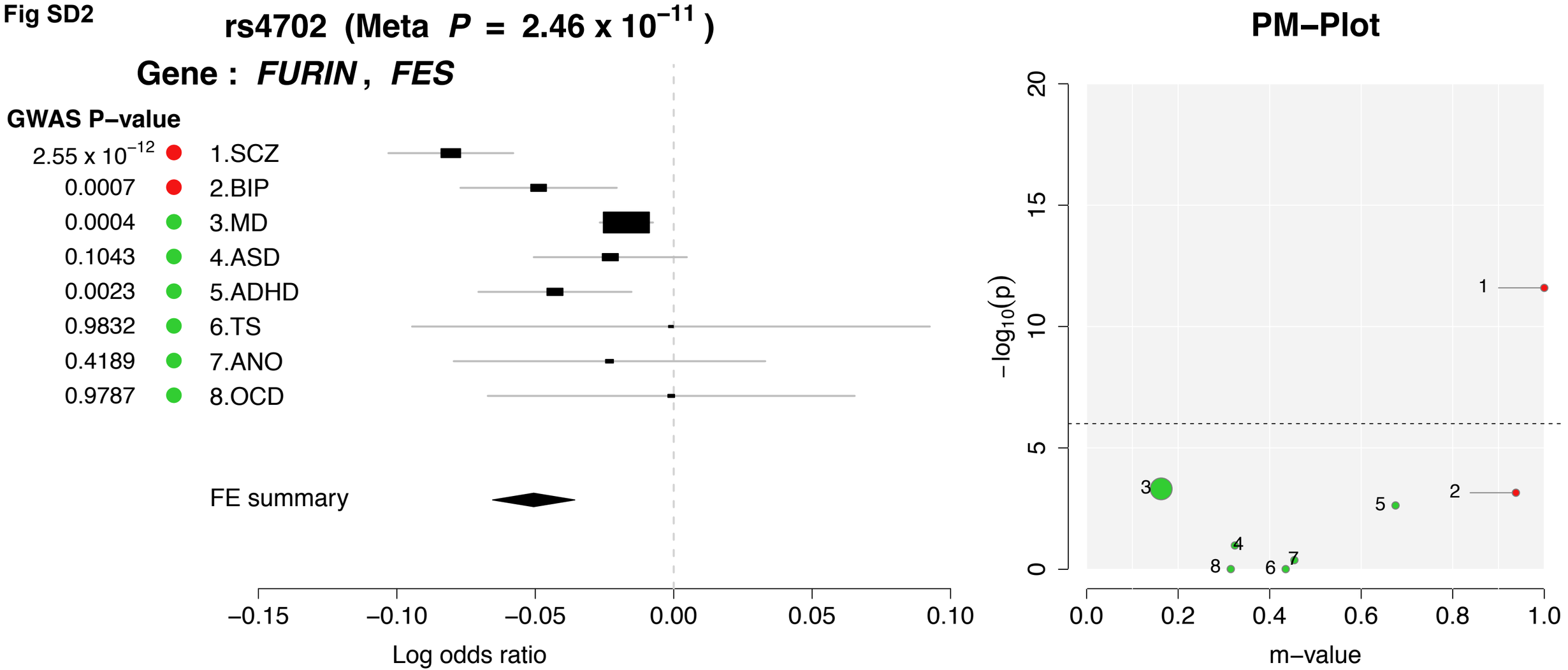
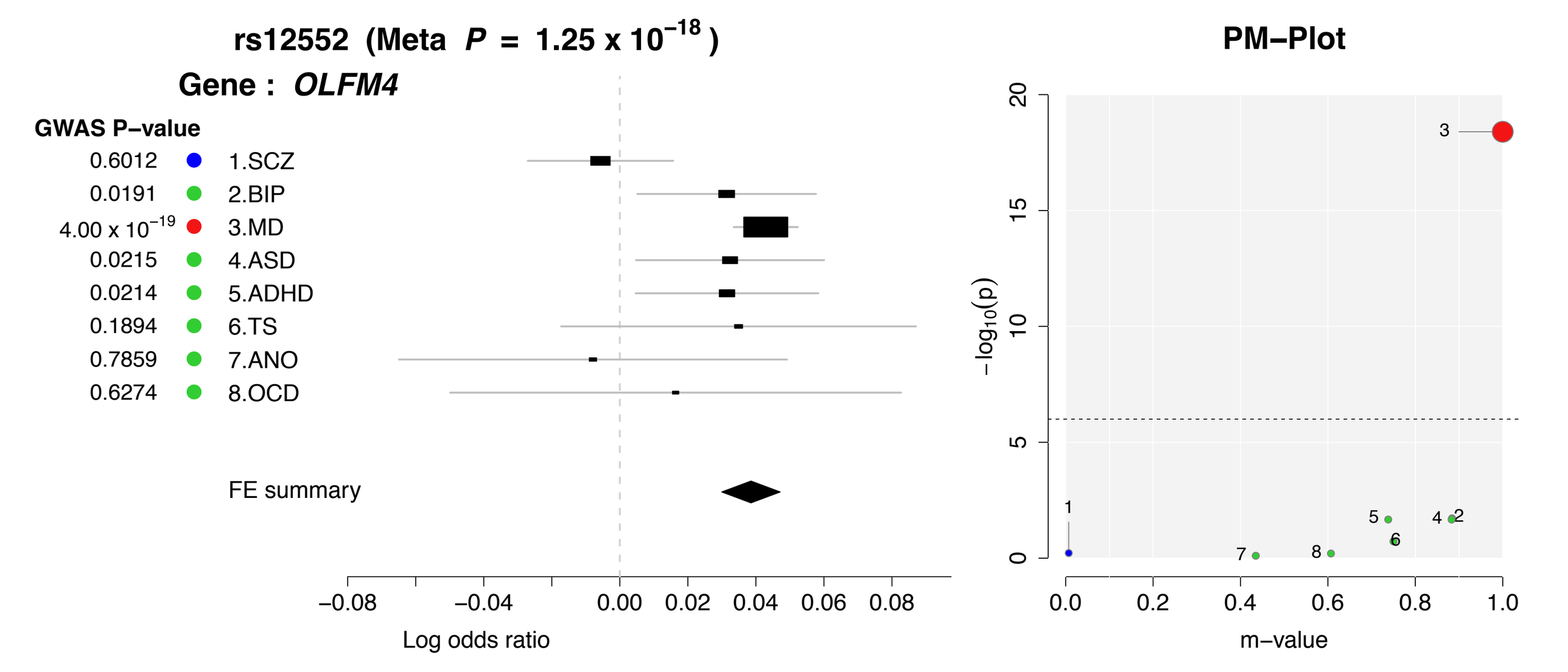
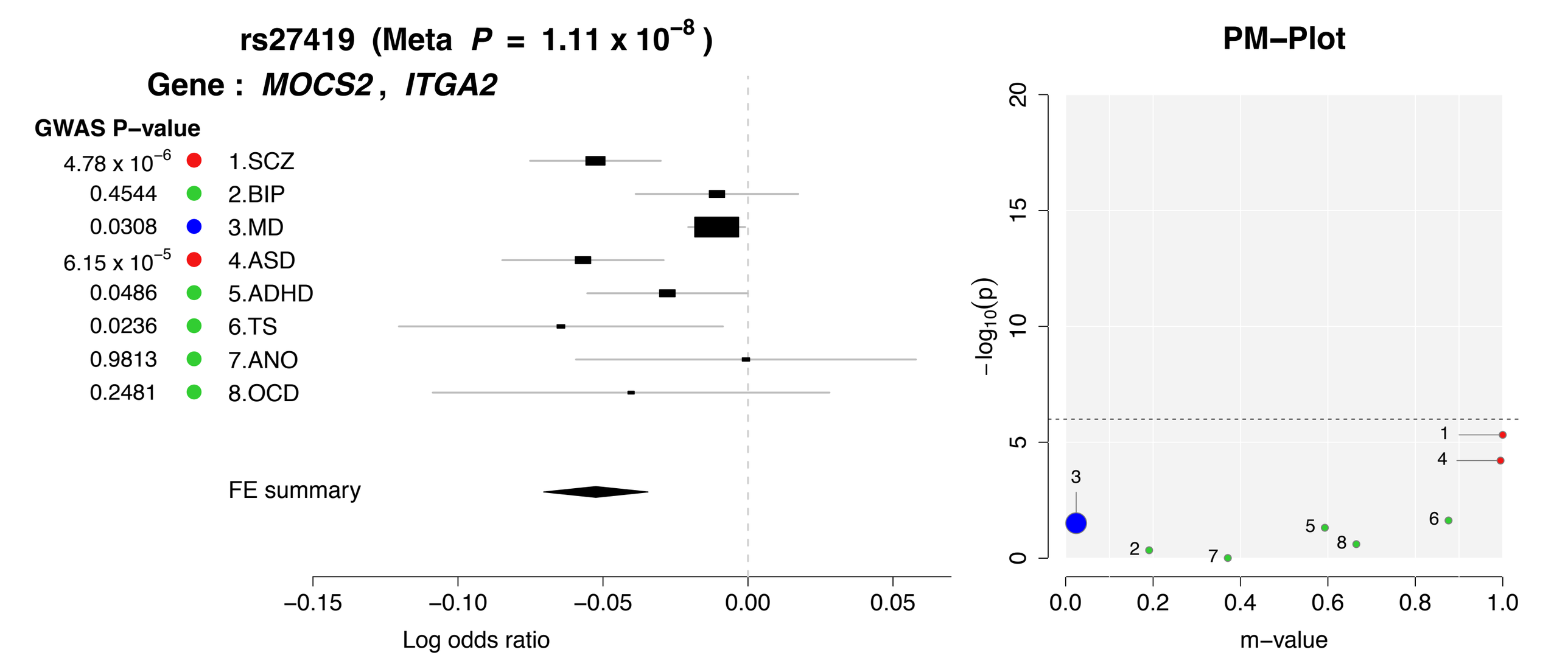
## Supplemental Datafile 2: Analyses related to Main Text Figure 3

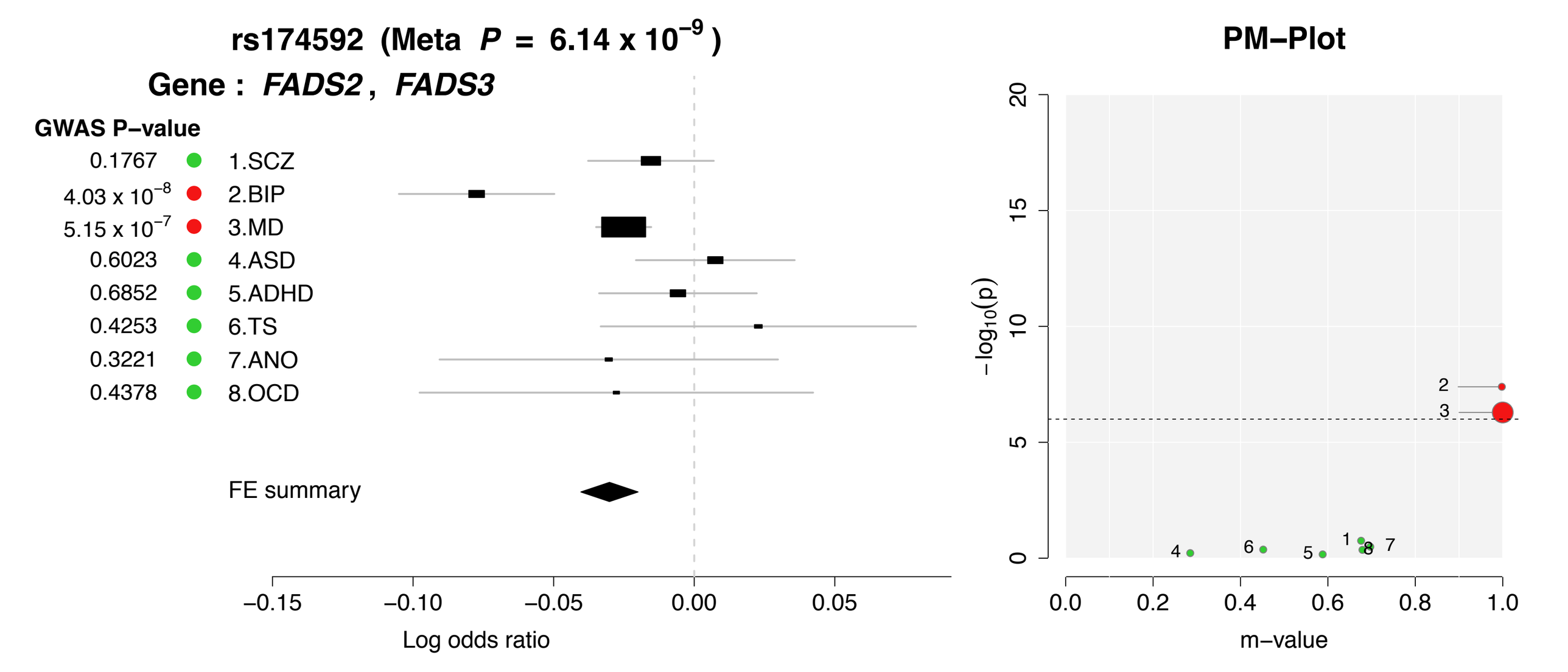
P-M plots for 146 LD-independent genome-wide significant loci.

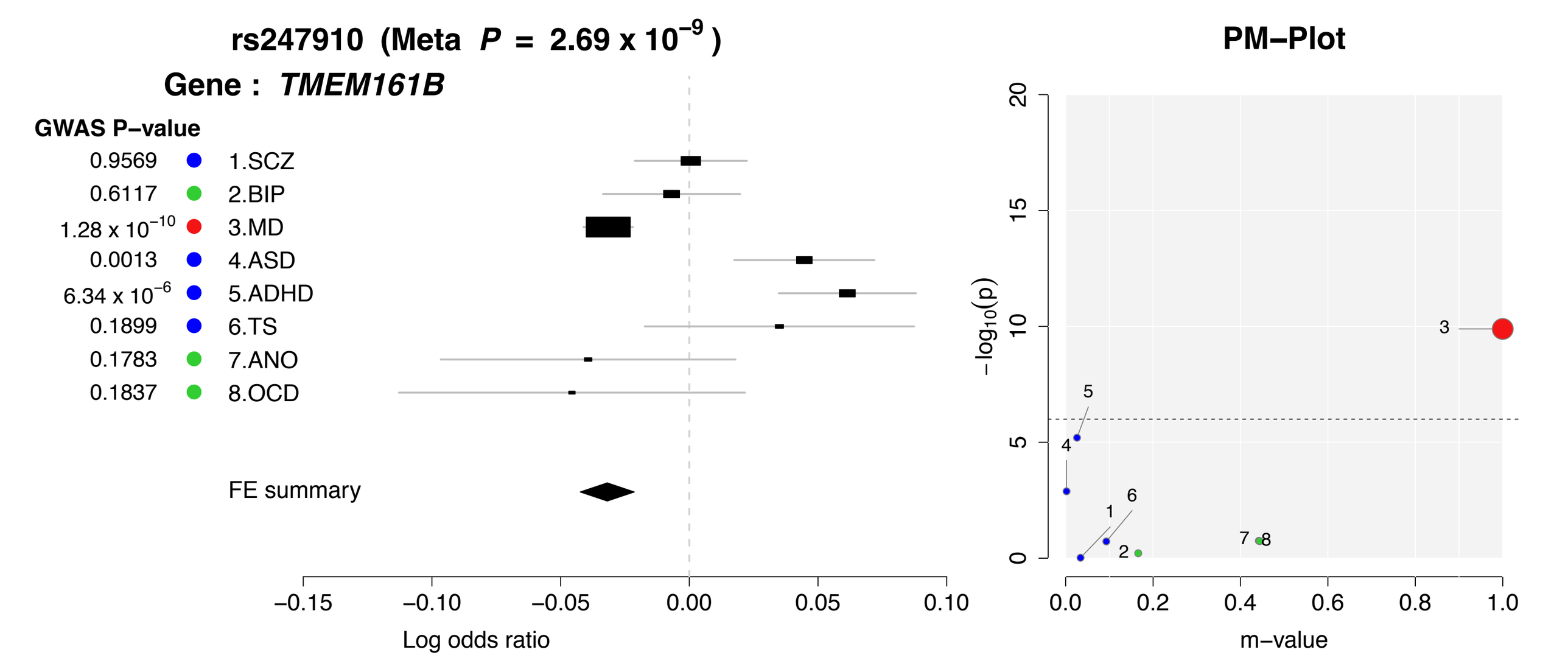
Fig SD2

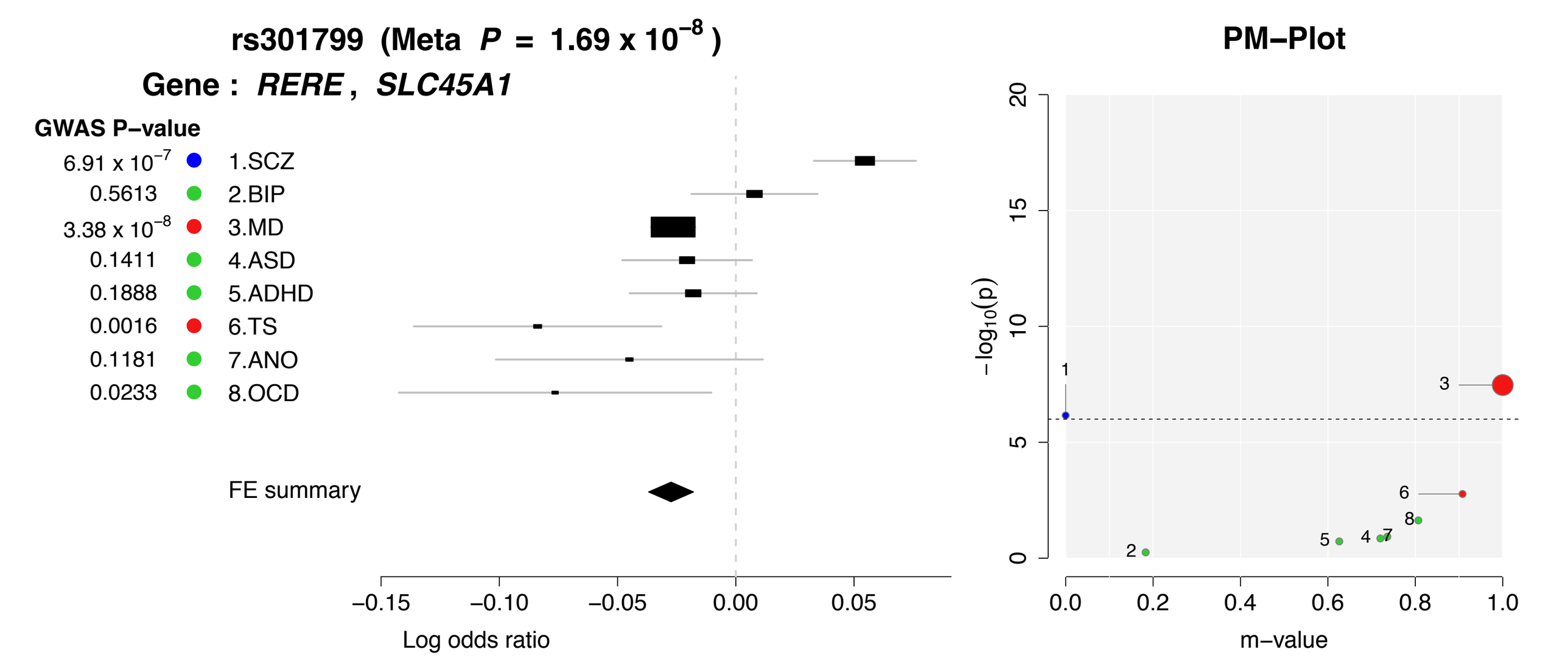

rs4702 (Meta P = 2.46 x 10−11 )
Gene : FURIN , FES
GWAS P−value
2.55 x 10−12 1.SCZ
0.0007 2.BIP
0.0004 3.MD
0.1043 4.ASD
0.0023 5.ADHD
0.9832 6.TS
0.4189 7.ANO
0.9787 8.OCD
FE summary
−0.15 −0.10 −0.05 0.00 0.05 0.10
Log odds ratio
PM−Plot
−log10(p)
0 5 10 15 20
1 2 3 4 5 6 7 8
0.0 0.2 0.4 0.6 0.8 1.0
m−value

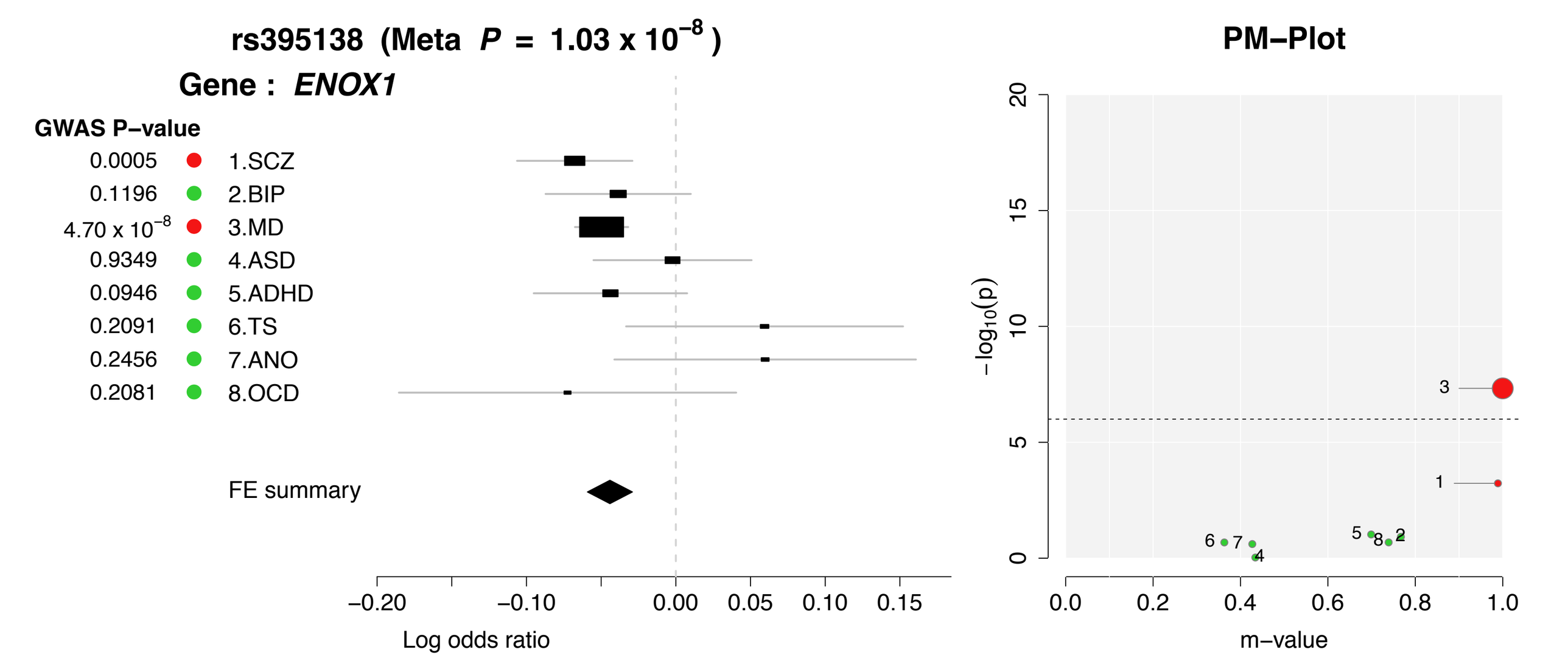

rs12552 (Meta P = 1.25 x 10−18)
Gene : OLFM4
GWAS P–value
0.6012 1.SCZ
0.0191 2.BIP
4.00 x 10−19 3.MD
0.0215 4.ASD
0.0214 5.ADHD
0.1894 6.TS
0.7859 7.ANO
0.6274 8.OCD
FE summary
−0.08 −0.04 0.00 0.02 0.04 0.06 0.08
Log odds ratio
PM–Plot
−log10(p)
0 5 10 15 20
1 2 3 4 5 6 7 8
0.0 0.2 0.4 0.6 0.8 1.0
m–value

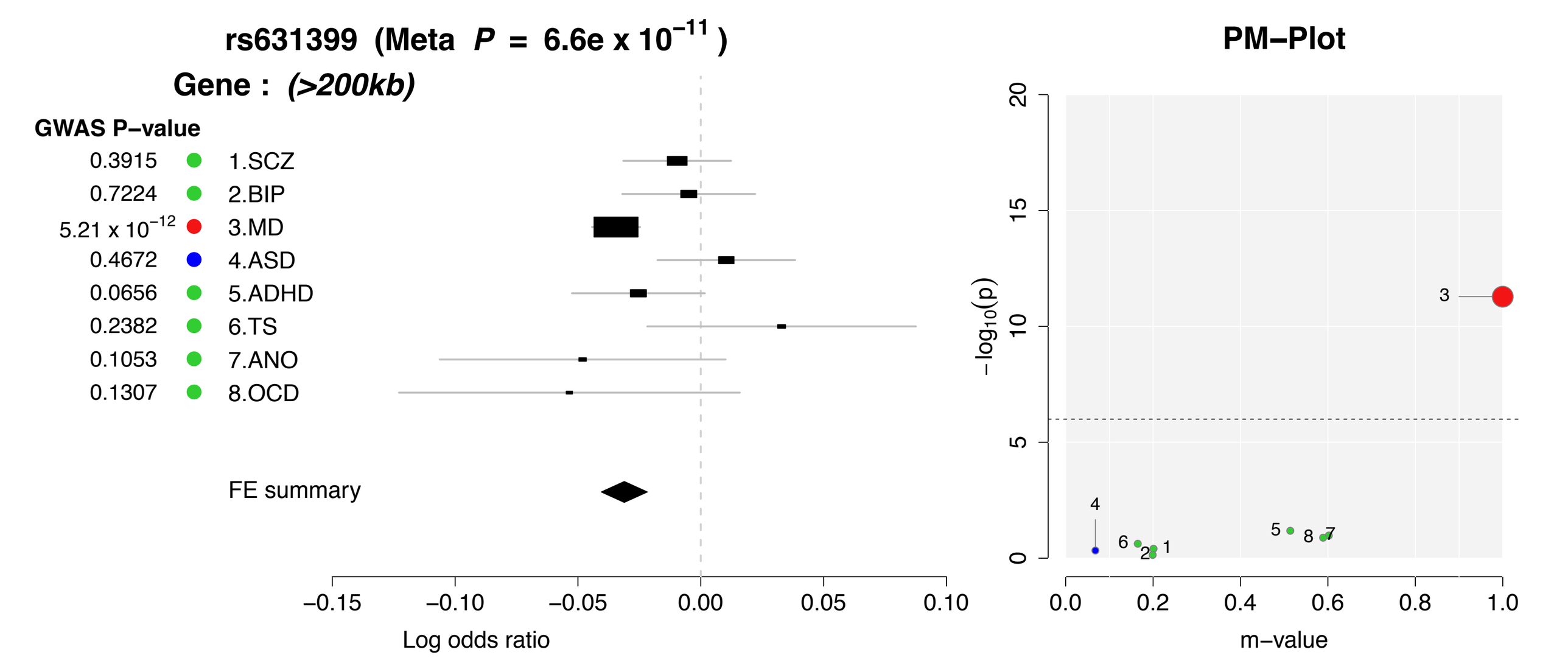

rs27419 (Meta P = 1.11 x 10−8)
Gene : MOCS2 , ITGA2
GWAS P−value
4.78 x 10−6
0.4544
0.0308
6.15 x 10−5
0.0486
0.0236
0.9813
0.2481
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.15
−0.10
−0.05
0.00
0.05
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value
1
2
3
4
5
6
7
8

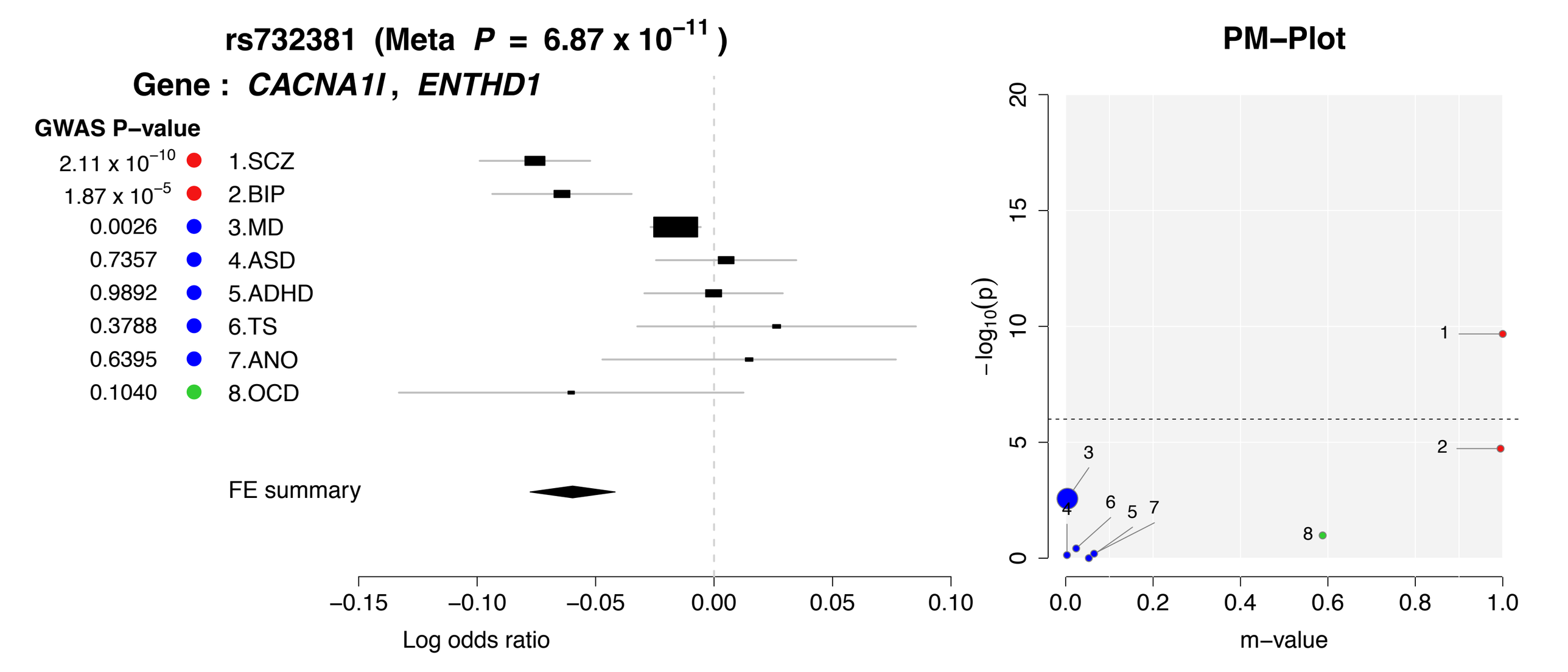

rs174592 (Meta P = 6.14 x 10−9)
Gene : FADS2 , FADS3
GWAS P−value
0.1767
4.03 x 10−8
5.15 x 10−7
0.6023
0.6852
0.4253
0.3221
0.4378
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.15
−0.10
−0.05
0.00
0.05
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value
1
2
3
4
5
6
7
8

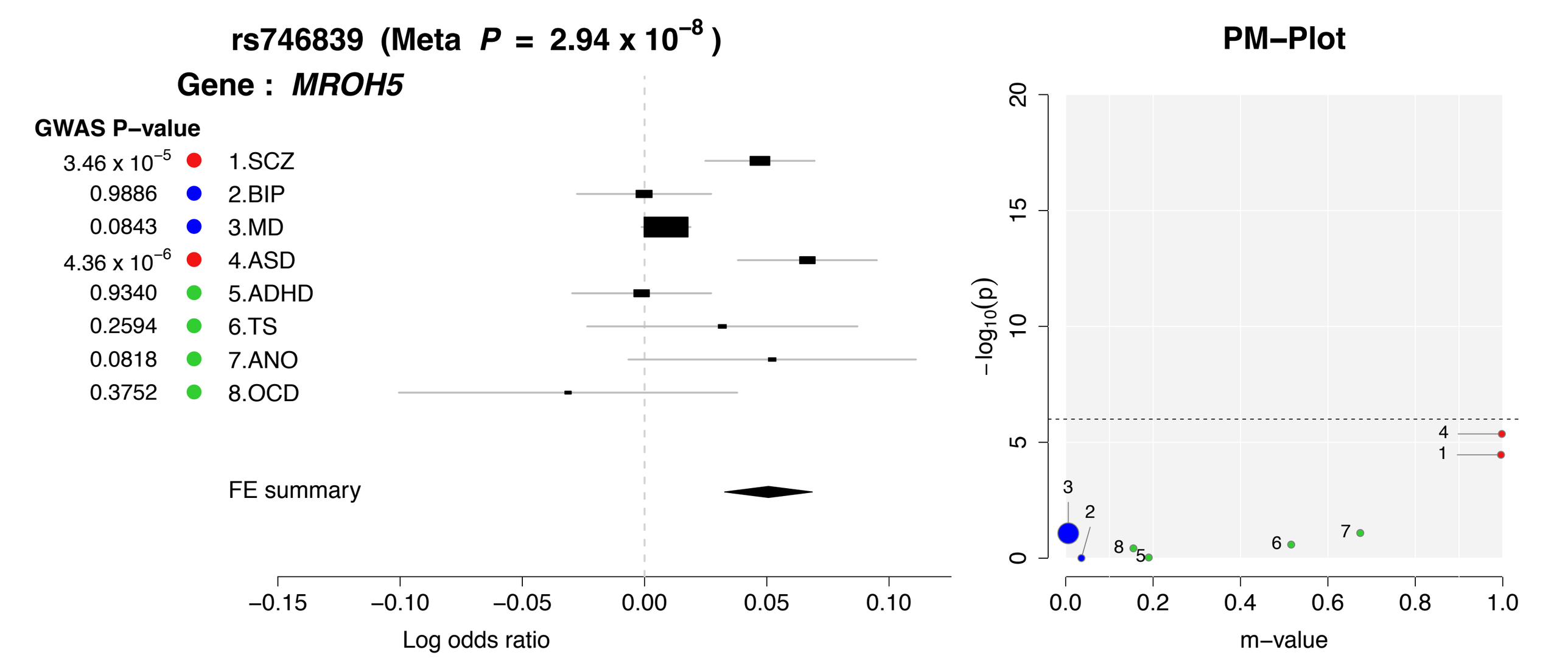

rs247910 (Meta P = 2.69 x 10−9)
Gene : TMEM161B
GWAS P−value
0.9569 1.SCZ
0.6117 2.BIP
1.28 x 10−10 3.MD
0.0013 4.ASD
6.34 x 10−6 5.ADHD
0.1899 6.TS
0.1783 7.ANO
0.1837 8.OCD
FE summary
−0.15 −0.10 −0.05 0.00 0.05 0.10
Log odds ratio
PM−Plot
−log10(p)
0 5 10 15 20
3 5 4 6 1 2 7 8
0.0 0.2 0.4 0.6 0.8 1.0
m−value

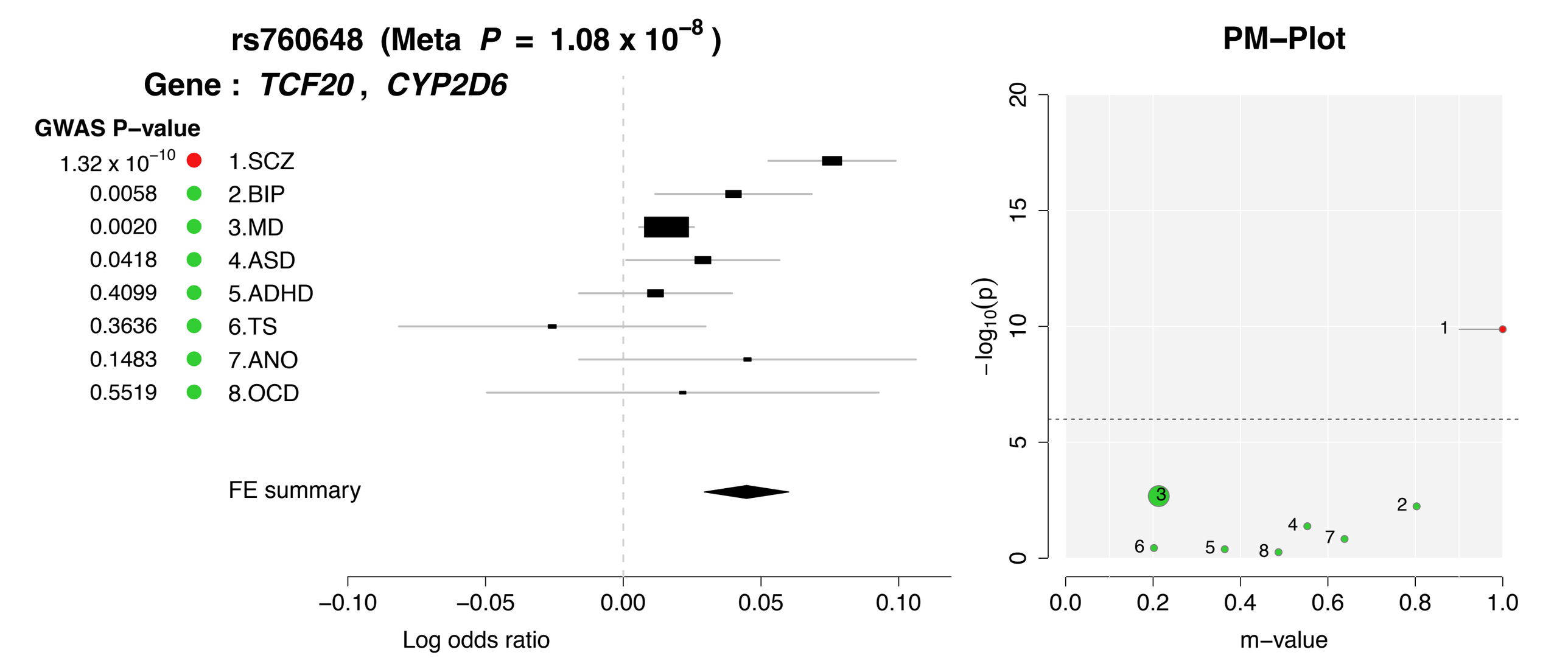

rs301799 (Meta P = 1.69 x 10−8)
Gene : RERE , SLC45A1
GWAS P−value
6.91 x 10−7 1.SCZ
0.5613 2.BIP
3.38 x 10−8 3.MD
0.1411 4.ASD
0.1888 5.ADHD
0.0016 6.TS
0.1181 7.ANO
0.0233 8.OCD
FE summary
−0.15 −0.10 −0.05 0.00 0.05
Log odds ratio
PM−Plot
−log10(p)
0 5 10 15 20
1 2 3 4 5 6 7 8
0.0 0.2 0.4 0.6 0.8 1.0
m−value

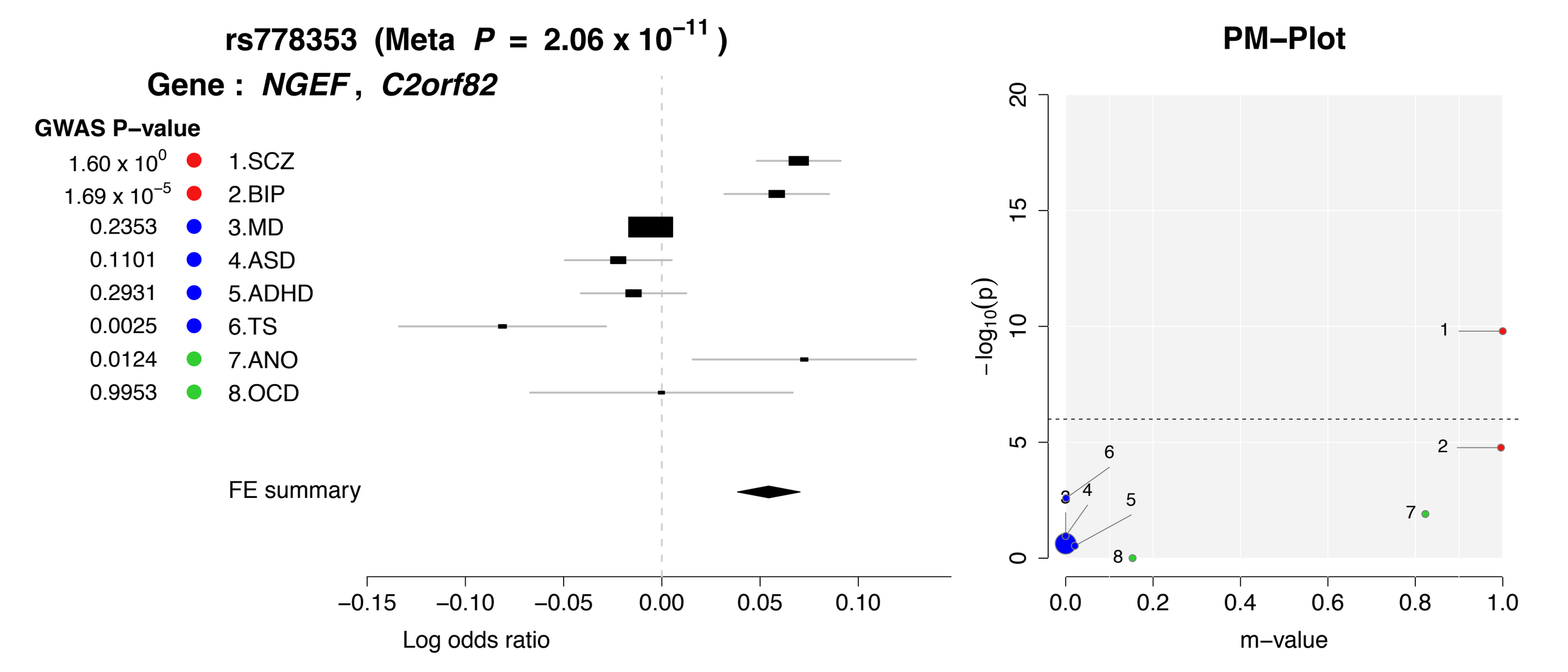

rs395138 (Meta P = 1.03 x 10−8)
Gene : ENOX1
GWAS P−value
0.0005 1.SCZ
0.1196 2.BIP
4.70 x 10−8 3.MD
0.9349 4.ASD
0.0946 5.ADHD
0.2091 6.TS
0.2456 7.ANO
0.2081 8.OCD
FE summary
−0.20 −0.10 0.00 0.05 0.10 0.15
Log odds ratio
PM−Plot
−log10(p)
0 5 10 15 20
3
1
6 7 4 5 8 2
0.0 0.2 0.4 0.6 0.8 1.0
m−value

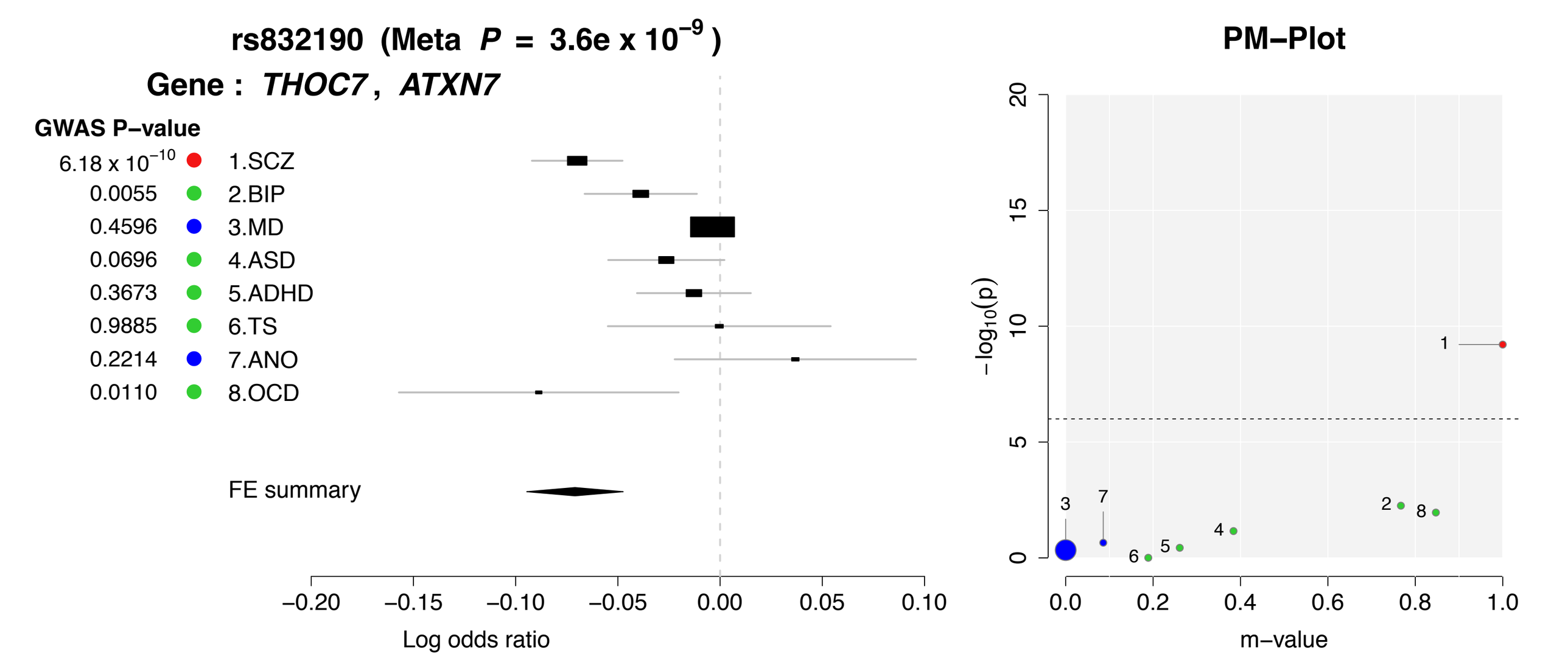

rs631399 (Meta P = 6.6e x 10^-11)
Gene : (>200kb)
GWAS P–value
0.3915 1.SCZ
0.7224 2.BIP
5.21 x 10^-12 3.MD
0.4672 4.ASD
0.0656 5.ADHD
0.2382 6.TS
0.1053 7.ANO
0.1307 8.OCD
FE summary
–0.15 –0.10 –0.05 0.00 0.05 0.10
Log odds ratio
PM–Plot
−log10(p)
0 5 10 15 20
3
4
5 8 7
6 2 1
0.0 0.2 0.4 0.6 0.8 1.0
m–value

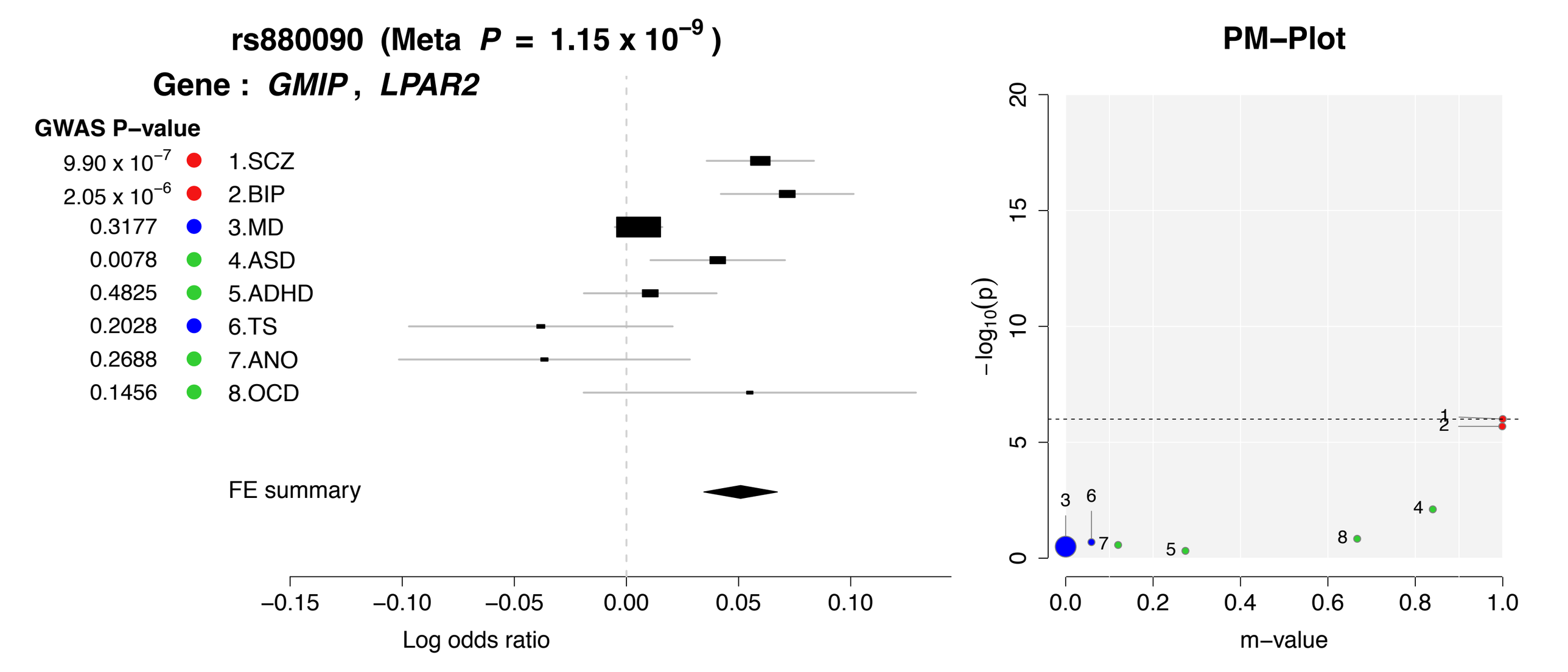

rs732381 (Meta P = 6.87 x 10−11 )
Gene : CACNA1I , ENTHD1
GWAS P–value
2.11 x 10−10
1.87 x 10−5
0.0026
0.7357
0.9892
0.3788
0.6395
0.1040
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.15
−0.10
−0.05
0.00
0.05
0.10
Log odds ratio
PM–Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m–value
1
2
3
4
5
6
7
8

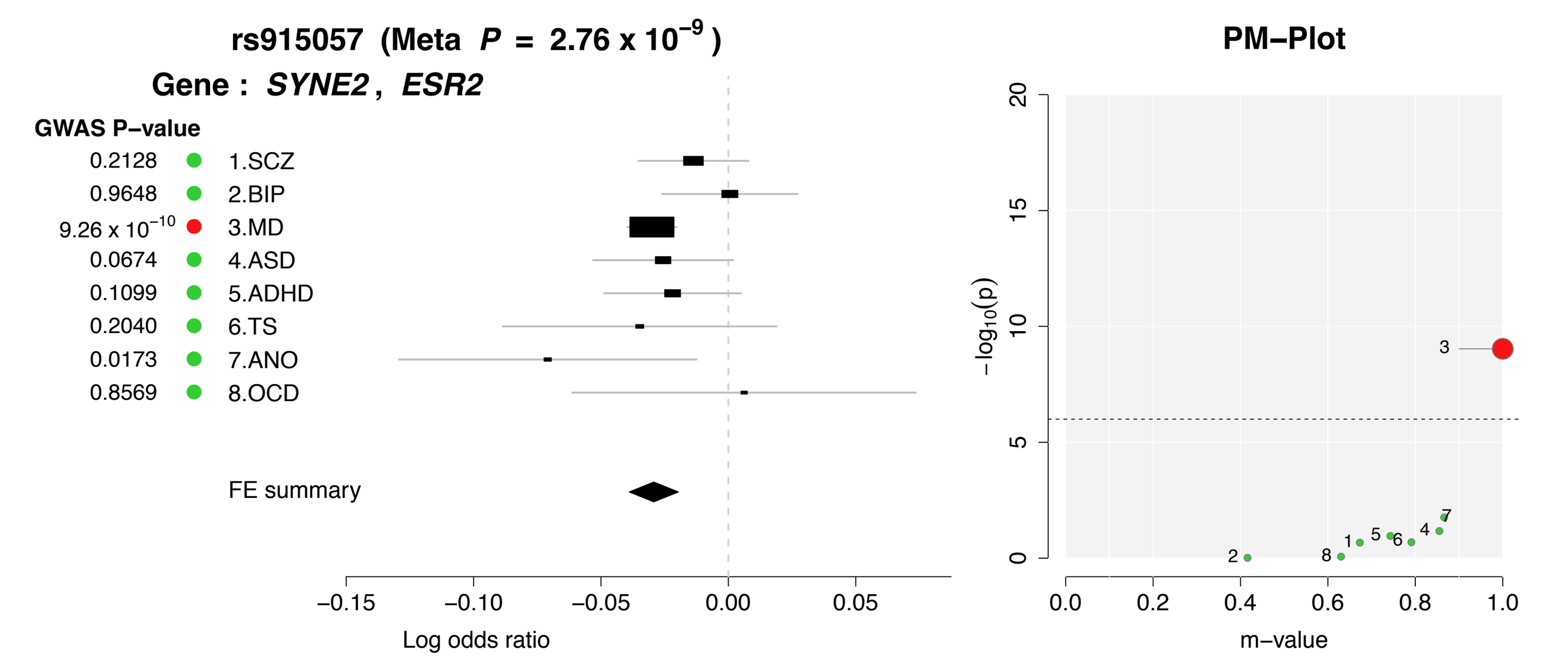

rs746839 (Meta P = 2.94 x 10−8)
Gene : MROH5
GWAS P−value
3.46 x 10−5 1.SCZ
0.9886 2.BIP
0.0843 3.MD
4.36 x 10−6 4.ASD
0.9340 5.ADHD
0.2594 6.TS
0.0818 7.ANO
0.3752 8.OCD
FE summary
−0.15 −0.10 −0.05 0.00 0.05 0.10
Log odds ratio
PM−Plot
−log10(p)
0 5 10 15 20
4
1
3
2
8
5
6
7
0.0 0.2 0.4 0.6 0.8 1.0
m−value

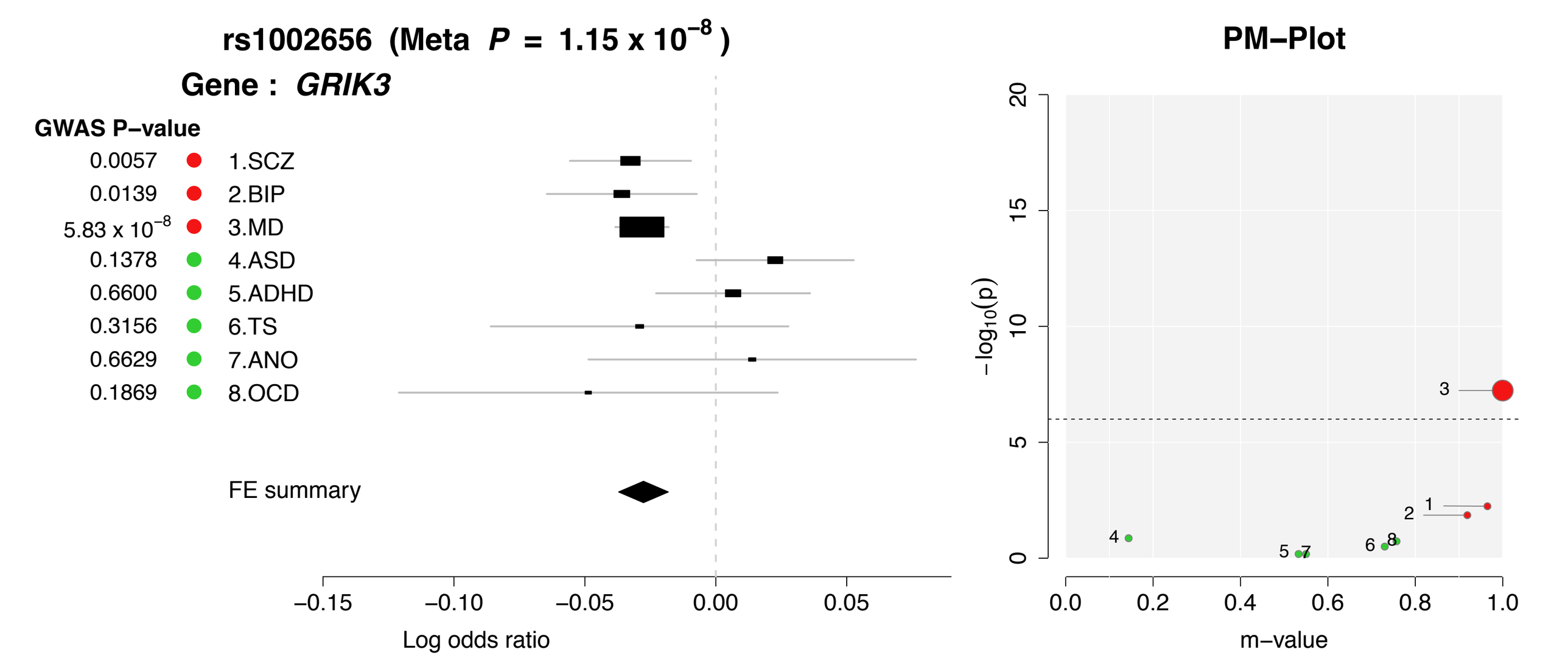

rs760648 (Meta P = 1.08 x 10−8)
Gene : TCF20 , CYP2D6
GWAS P−value
1.32 x 10−10 1.SCZ
0.0058 2.BIP
0.0020 3.MD
0.0418 4.ASD
0.4099 5.ADHD
0.3636 6.TS
0.1483 7.ANO
0.5519 8.OCD
FE summary
−0.10
−0.05
0.00
0.05
0.10
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
1
2
3
4
5
6
7
8
0.0
0.2
0.4
0.6
0.8
1.0
m−value

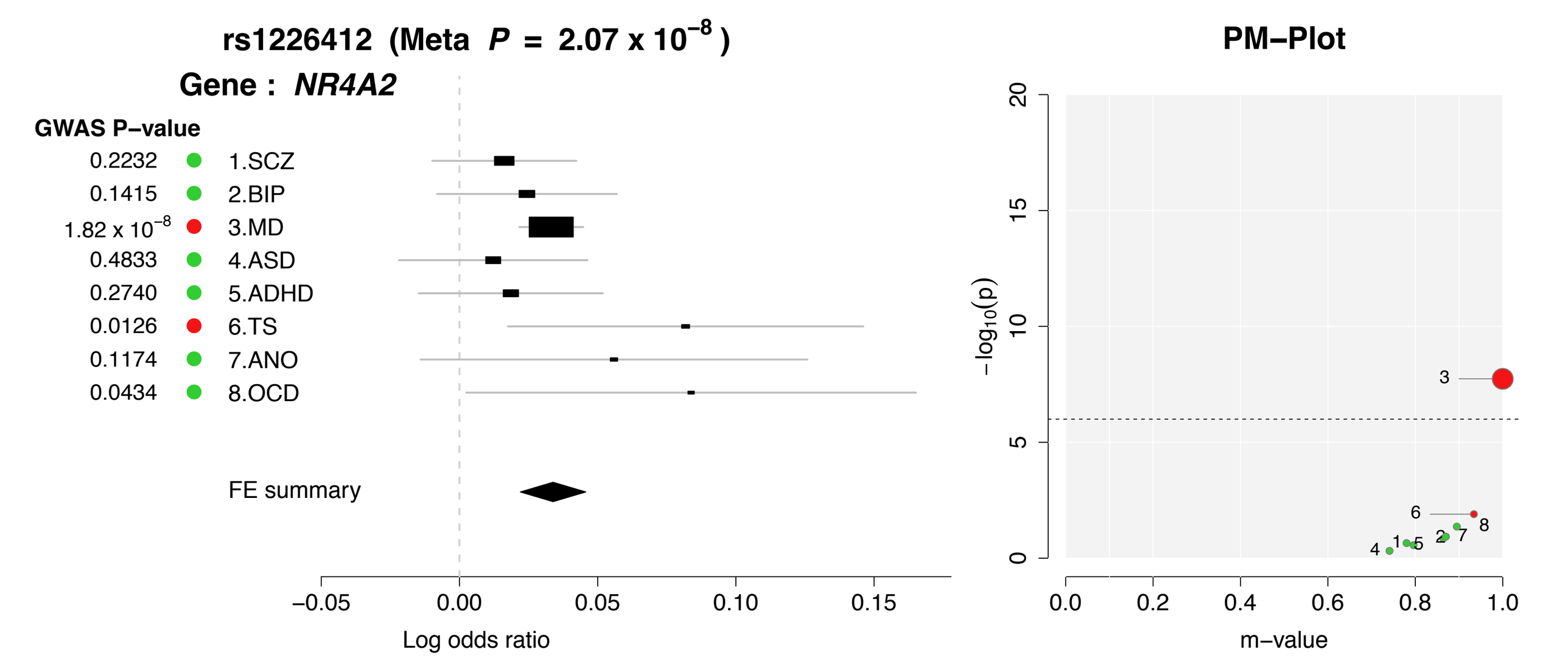

rs778353 (Meta P = 2.06 x 10^-11)
Gene : NGEF , C2orf82
GWAS P–value
1.60 x 10^0 1.SCZ
1.69 x 10^-5 2.BIP
0.2353 3.MD
0.1101 4.ASD
0.2931 5.ADHD
0.0025 6.TS
0.0124 7.ANO
0.9953 8.OCD
FE summary
–0.15 –0.10 –0.05 0.00 0.05 0.10
Log odds ratio
PM–Plot
−log10(p)
0 5 10 15 20
1 2 3 4 5 6 7 8
0.0 0.2 0.4 0.6 0.8 1.0
m–value

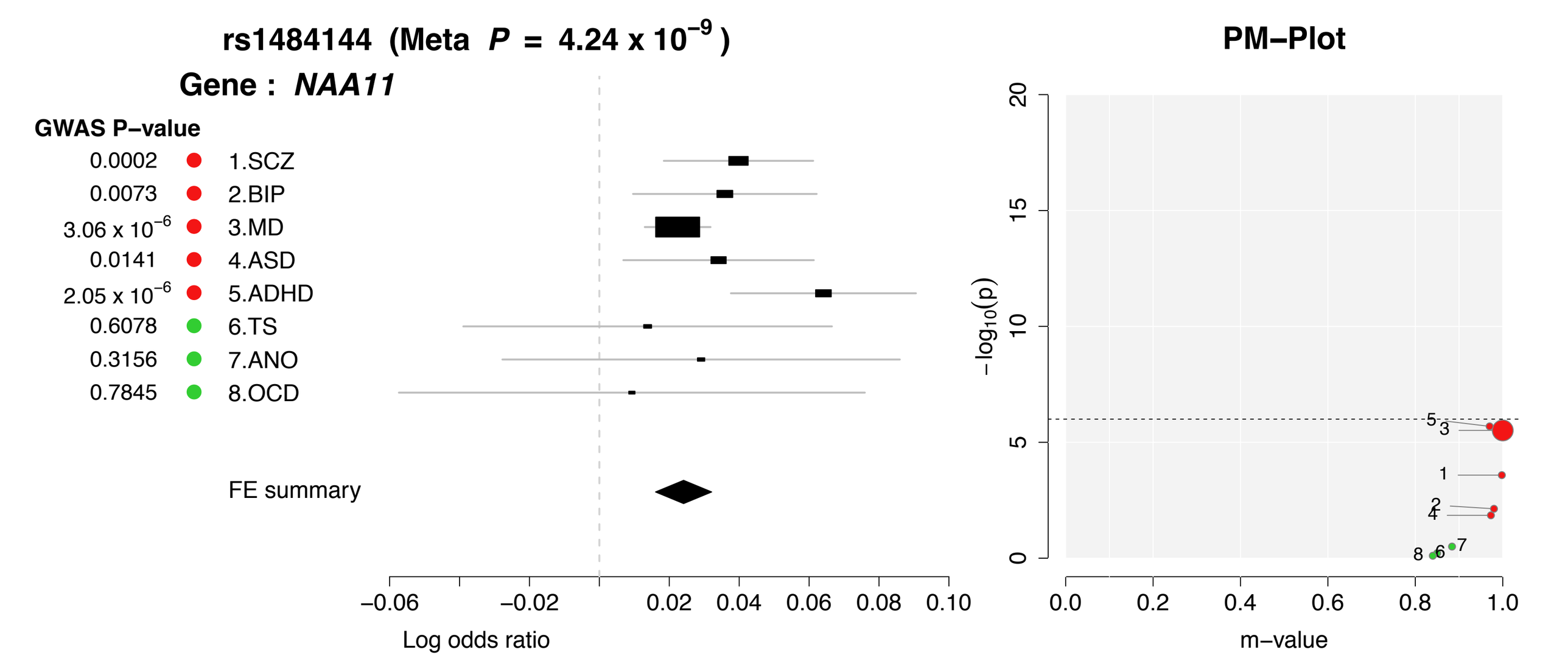

rs832190 (Meta P = 3.6e x 10−9)
Gene : THOC7 , ATXN7
GWAS P−value
6.18 x 10−10 1.SCZ
0.0055 2.BIP
0.4596 3.MD
0.0696 4.ASD
0.3673 5.ADHD
0.9885 6.TS
0.2214 7.ANO
0.0110 8.OCD
FE summary
−0.20 −0.15 −0.10 −0.05 0.00 0.05 0.10
Log odds ratio
PM−Plot
−log10(p)
0 5 10 15 20
1 2 3 4 5 6 7 8
0.0 0.2 0.4 0.6 0.8 1.0
m−value

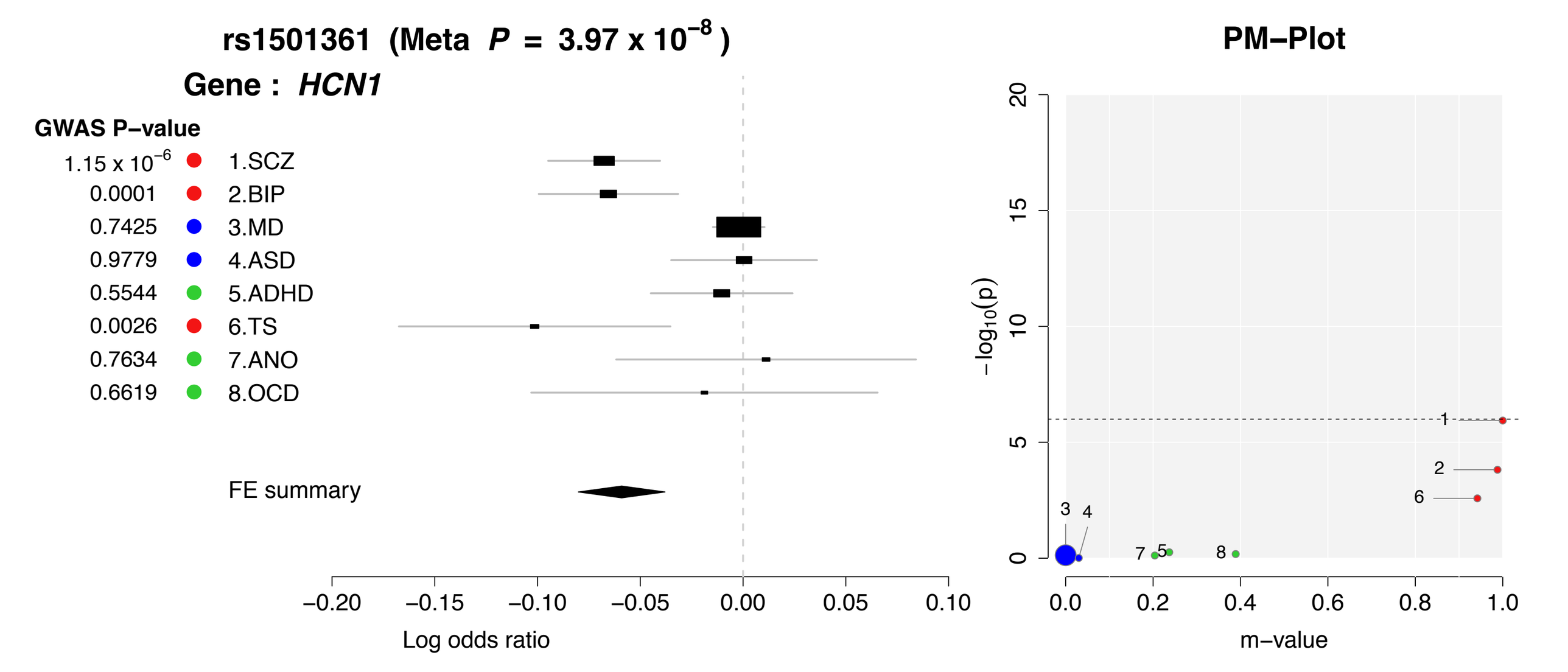

rs880090 (Meta P = 1.15 x 10−9)
Gene : GMIP , LPAR2
GWAS P−value
9.90 x 10−7 1.SCZ
2.05 x 10−6 2.BIP
0.3177 3.MD
0.0078 4.ASD
0.4825 5.ADHD
0.2028 6.TS
0.2688 7.ANO
0.1456 8.OCD
FE summary
−0.15 −0.10 −0.05 0.00 0.05 0.10
Log odds ratio
PM−Plot
−log10(p)
0 5 10 15 20
1 2 3 4 5 6 7 8
0.0 0.2 0.4 0.6 0.8 1.0
m−value

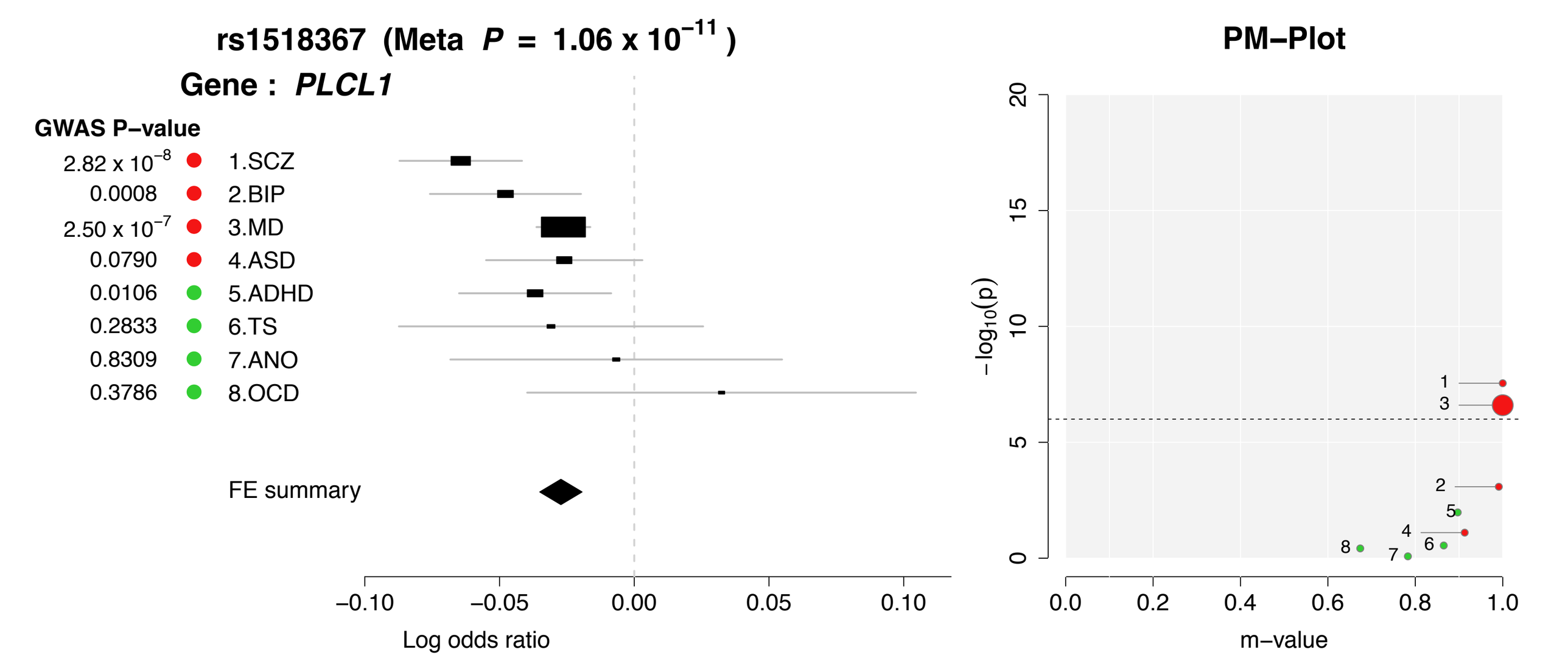

rs915057 (Meta P = 2.76 x 10−9)
Gene : SYNE2 , ESR2
GWAS P−value
0.2128
0.9648
9.26 x 10−10
0.0674
0.1099
0.2040
0.0173
0.8569
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.15
−0.10
−0.05
0.00
0.05
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
3
2
8
1
5
6
4
7
0.0
0.2
0.4
0.6
0.8
1.0
m−value

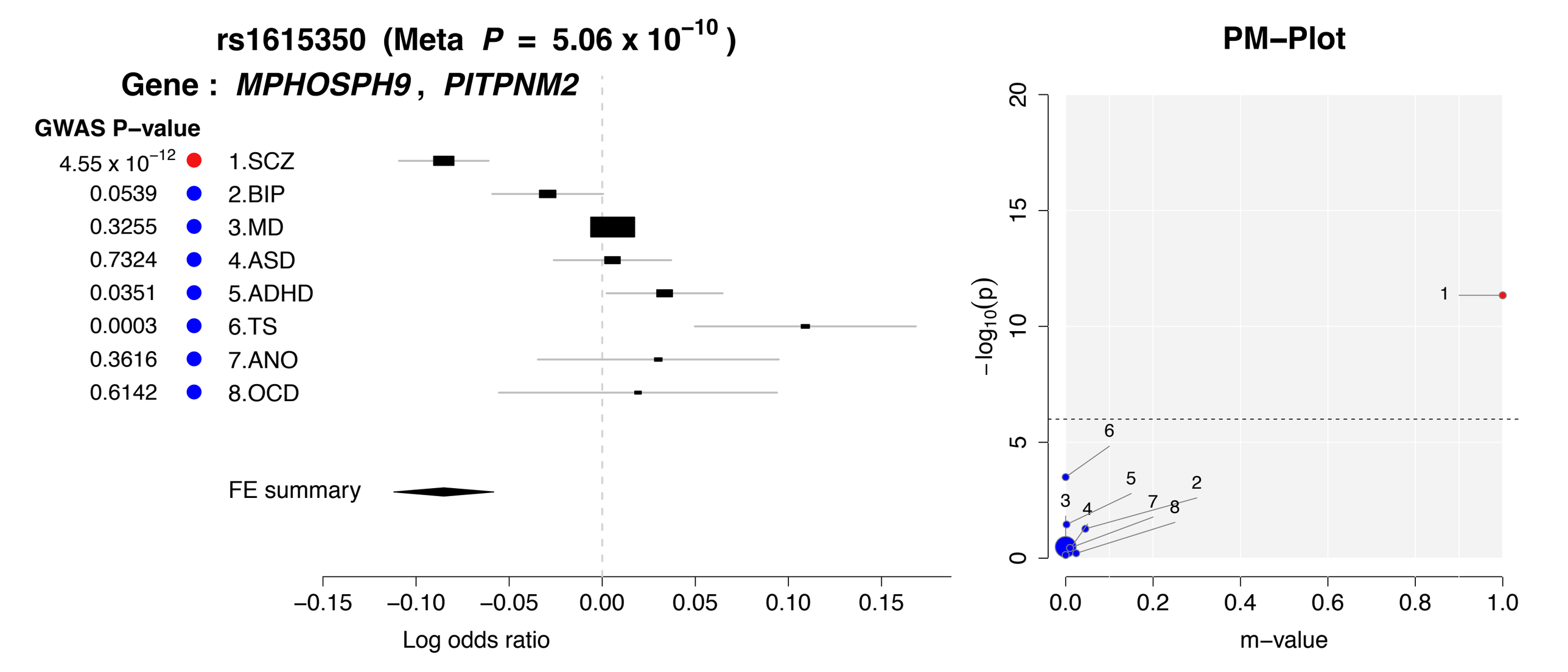

rs1002656 (Meta P = 1.15 x 10−8)
Gene : GRIK3
GWAS P−value
0.0057
0.0139
5.83 x 10−8
0.1378
0.6600
0.3156
0.6629
0.1869
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.15
−0.10
−0.05
0.00
0.05
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value

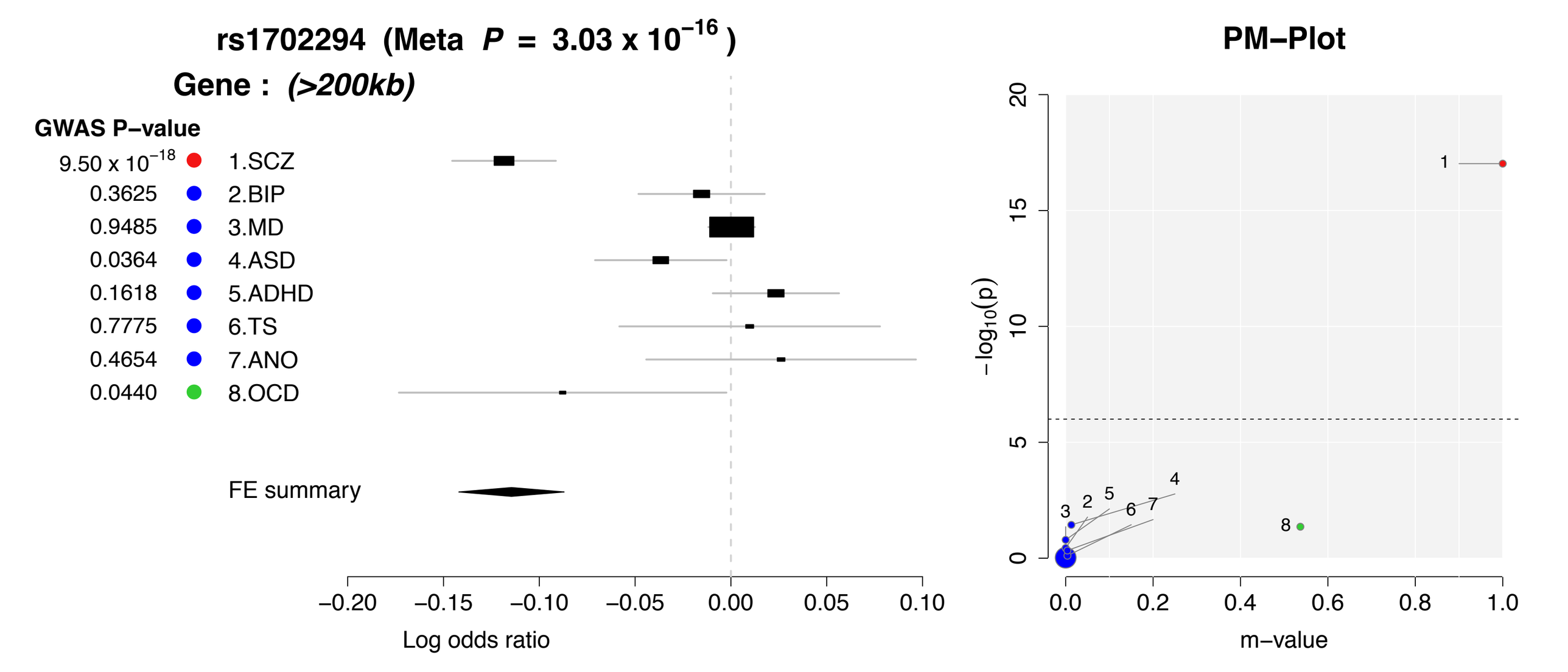

rs1226412 (Meta P = 2.07 x 10−8)
Gene : NR4A2
GWAS P−value
0.2232
0.1415
1.82 x 10−8
0.4833
0.2740
0.0126
0.1174
0.0434
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.05
0.00
0.05
0.10
0.15
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value

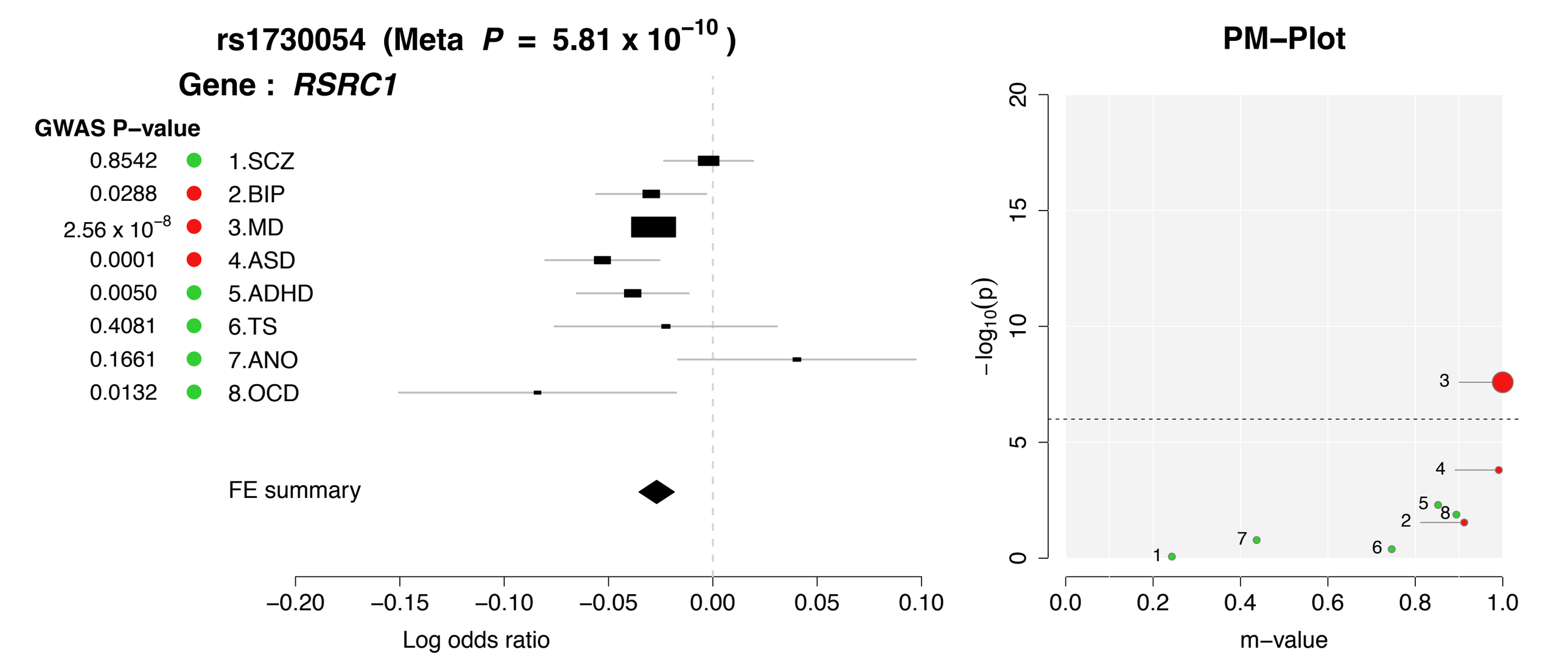

rs1484144 (Meta P = 4.24 x 10−9)
Gene : NAA11
GWAS P−value
0.0002
0.0073
3.06 x 10−6
0.0141
2.05 x 10−6
0.6078
0.3156
0.7845
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.06
−0.02
0.02
0.04
0.06
0.08
0.10
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value
5
3
1
2
4
8
6
7

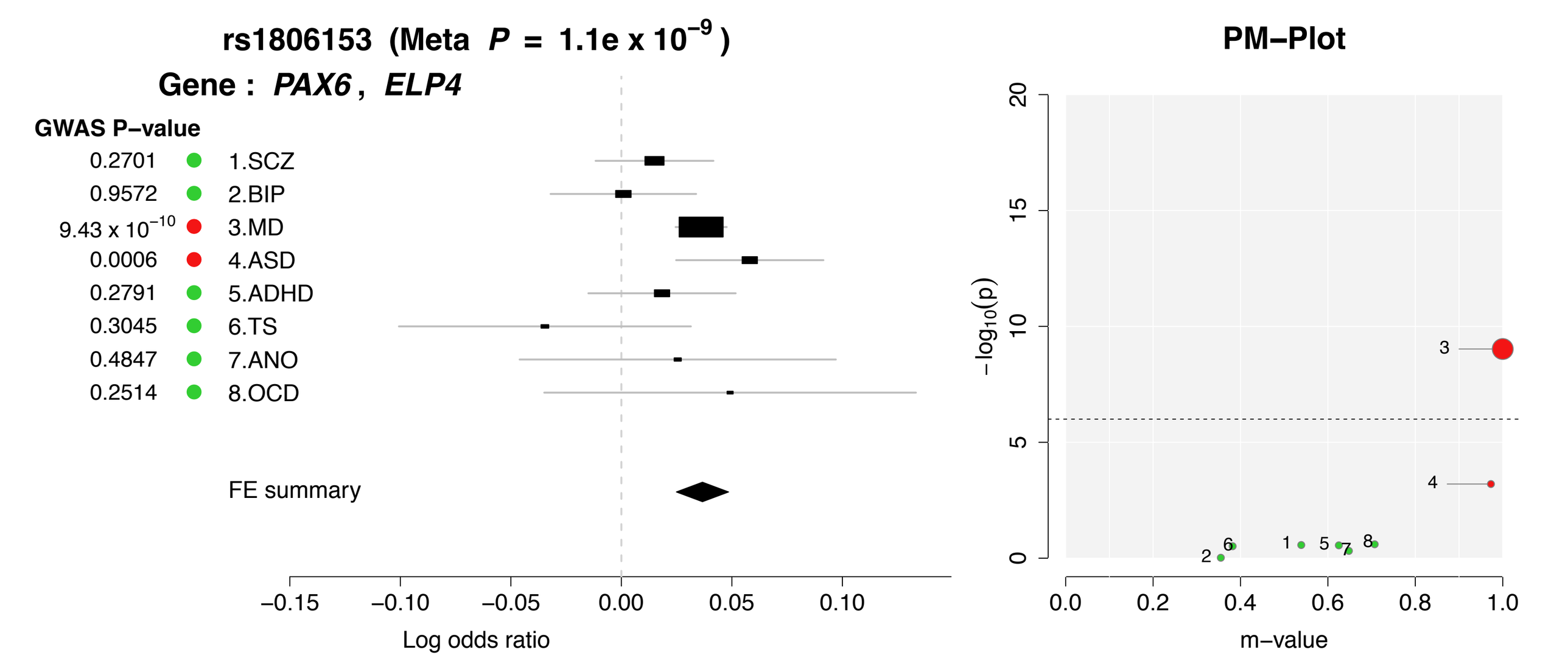

rs1501361 (Meta P = 3.97 x 10−8 )
Gene : HCN1
GWAS P−value
1.15 x 10−6
0.0001
0.7425
0.9779
0.5544
0.0026
0.7634
0.6619
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.20
−0.15
−0.10
−0.05
0.00
0.05
0.10
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value
1
2
3
4
5
6
7
8

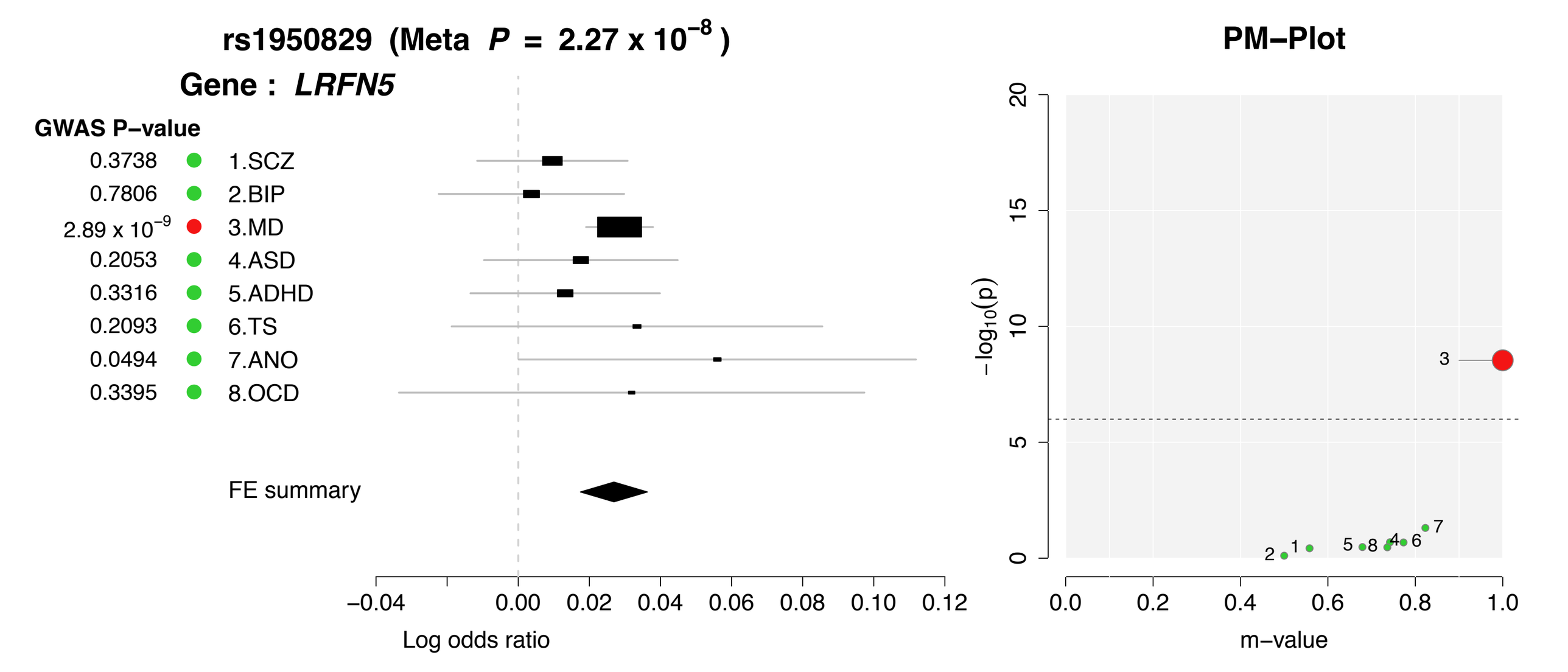

rs1518367 (Meta P = 1.06 x 10−11 )
Gene : PLCL1
GWAS P−value
2.82 x 10−8
0.0008
2.50 x 10−7
0.0790
0.0106
0.2833
0.8309
0.3786
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.10
−0.05
0.00
0.05
0.10
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value
1
3
2
5
4
6
8
7

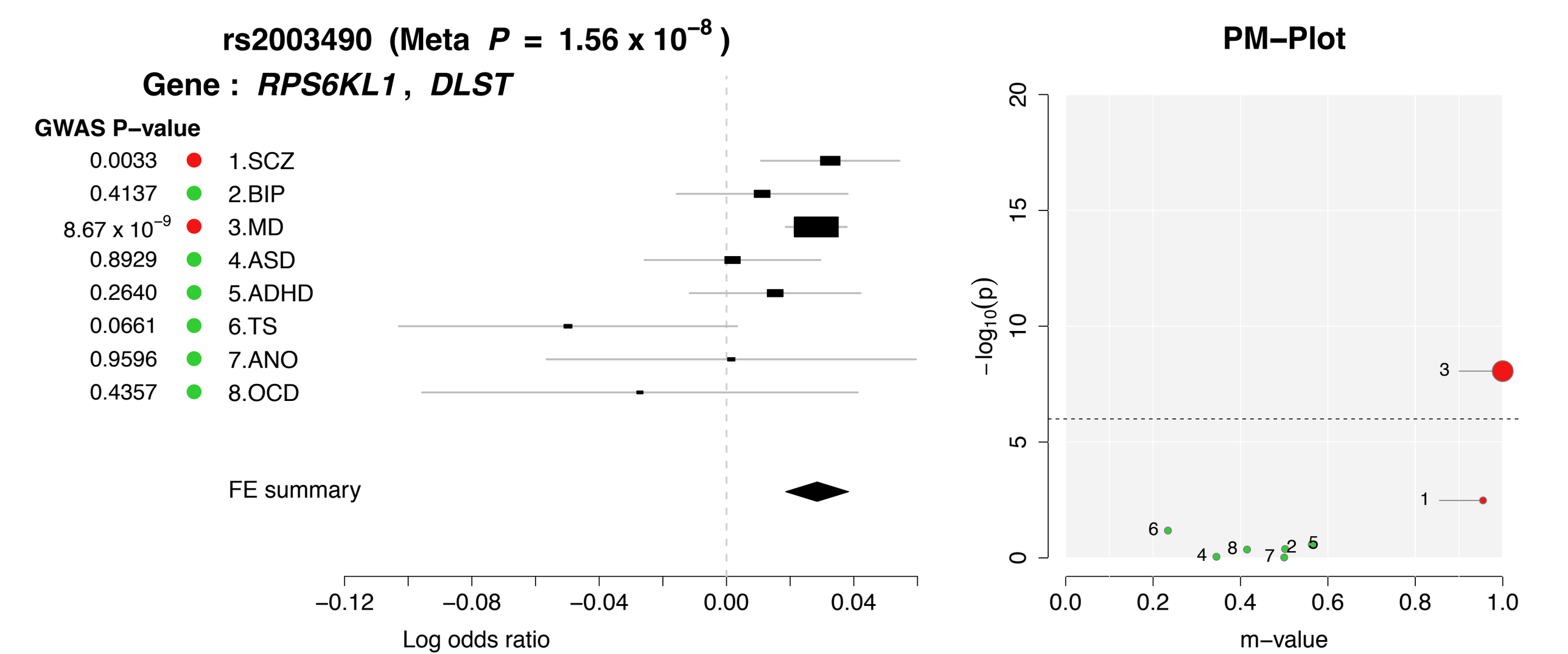

rs1615350 (Meta P = 5.06 x 10−10)
Gene : MPHOSPH9 , PITPNM2
GWAS P−value
4.55 x 10−12
0.0539
0.3255
0.7324
0.0351
0.0003
0.3616
0.6142
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.15
−0.10
−0.05
0.00
0.05
0.10
0.15
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
1
2
3
4
5
6
7
8
0.0
0.2
0.4
0.6
0.8
1.0
m−value

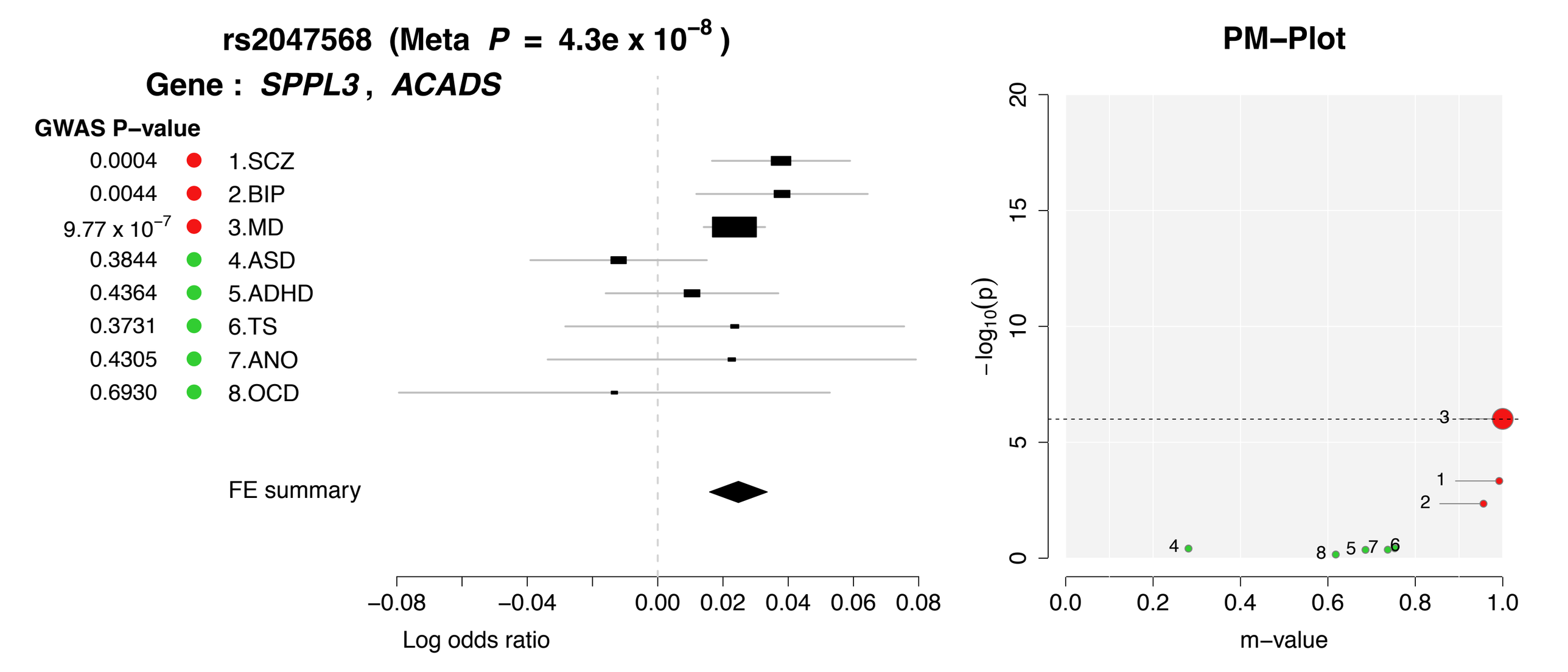

rs1702294 (Meta P = 3.03 x 10−16 )
Gene : (>200kb)
GWAS P−value
9.50 x 10−18 1.SCZ
0.3625 2.BIP
0.9485 3.MD
0.0364 4.ASD
0.1618 5.ADHD
0.7775 6.TS
0.4654 7.ANO
0.0440 8.OCD
FE summary
−0.20 −0.15 −0.10 −0.05 0.00 0.05 0.10
Log odds ratio
PM−Plot
−log10(p)
0 5 10 15 20
1 2 3 4 5 6 7 8
0.0 0.2 0.4 0.6 0.8 1.0
m−value

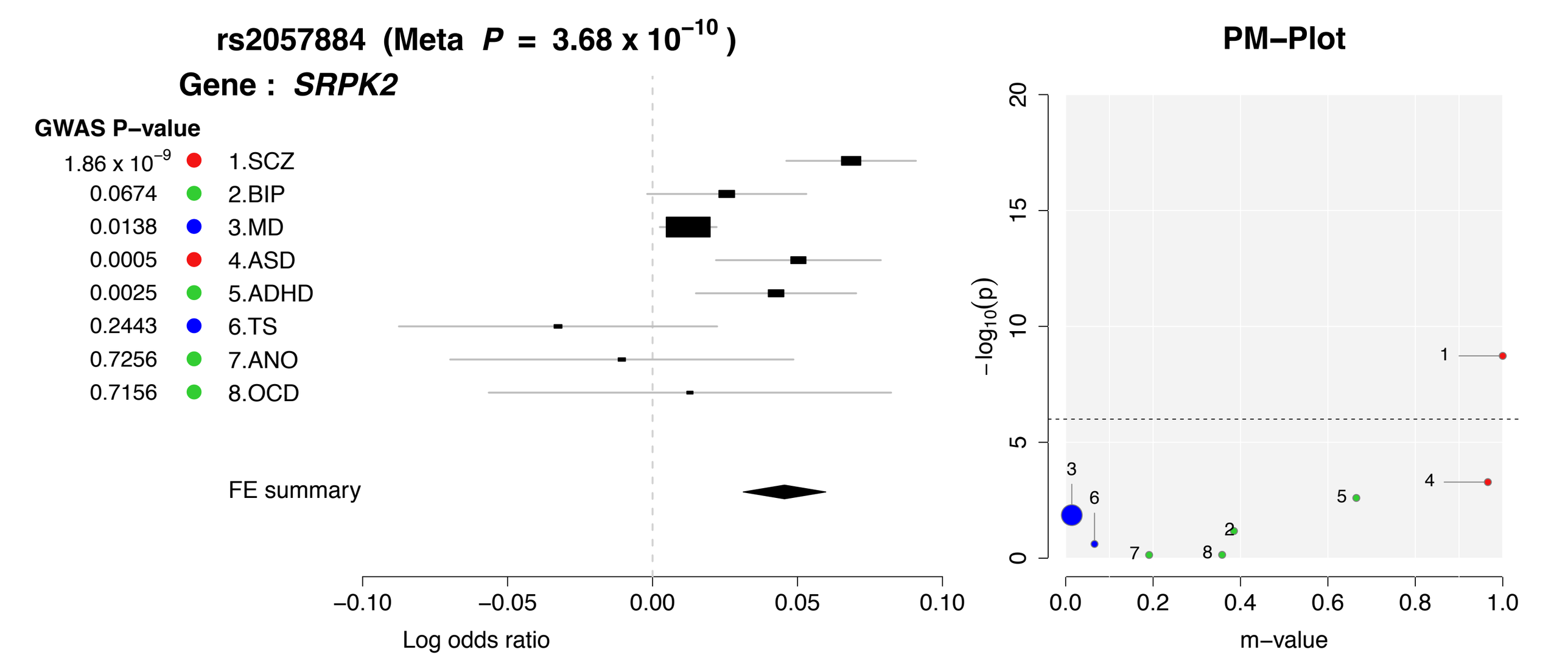

rs1730054 (Meta P = 5.81 x 10−10)
Gene : RSRC1
GWAS P−value
0.8542 1.SCZ
0.0288 2.BIP
2.56 x 10−8 3.MD
0.0001 4.ASD
0.0050 5.ADHD
0.4081 6.TS
0.1661 7.ANO
0.0132 8.OCD
FE summary
−0.20 −0.15 −0.10 −0.05 0.00 0.05 0.10
Log odds ratio
PM−Plot
−log10(p)
0 5 10 15 20
1 2 3 4 5 6 7 8
0.0 0.2 0.4 0.6 0.8 1.0
m−value

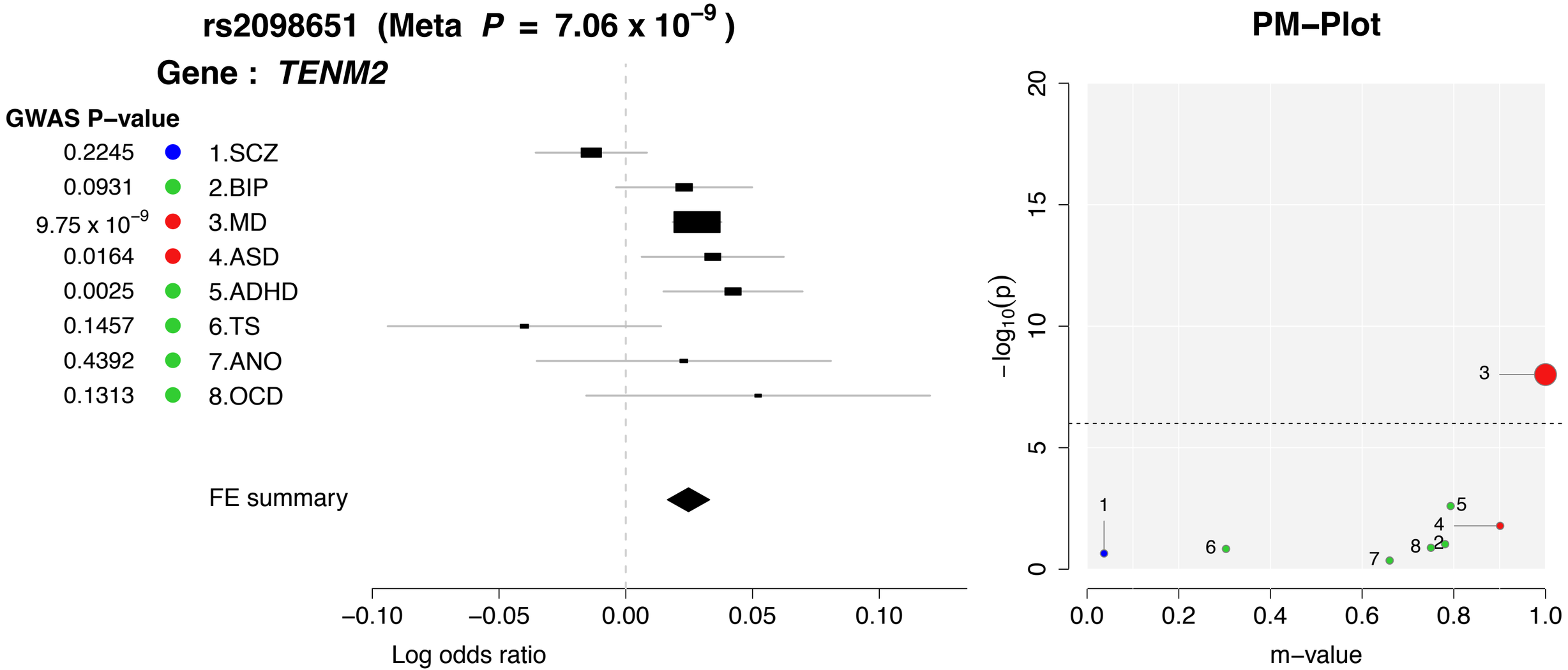

rs1806153 (Meta P = 1.1e x 10−9)
Gene : PAX6 , ELP4
GWAS P−value
0.2701 1.SCZ
0.9572 2.BIP
9.43 x 10−10 3.MD
0.0006 4.ASD
0.2791 5.ADHD
0.3045 6.TS
0.4847 7.ANO
0.2514 8.OCD
FE summary
−0.15 −0.10 −0.05 0.00 0.05 0.10
Log odds ratio
PM−Plot
−log10(p)
0 5 10 15 20
3
4
2 6 1 5 7 8
0.0 0.2 0.4 0.6 0.8 1.0
m−value

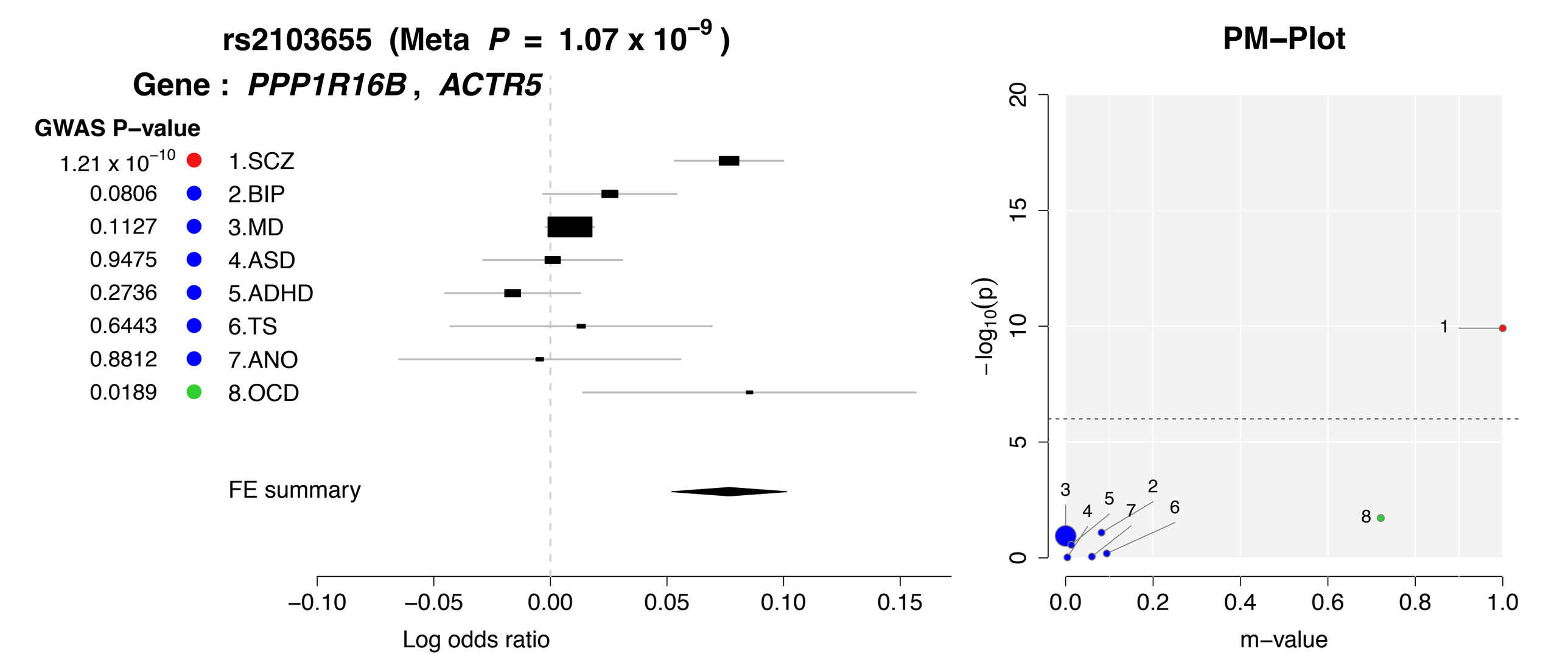

rs1950829 (Meta P = 2.27 x 10−8)
Gene : LRFN5
GWAS P−value
0.3738
0.7806
2.89 x 10−9
0.2053
0.3316
0.2093
0.0494
0.3395
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.04
0.00
0.02
0.04
0.06
0.08
0.10
0.12
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
3
2
1
5
8
4
6
7
0.0
0.2
0.4
0.6
0.8
1.0
m−value

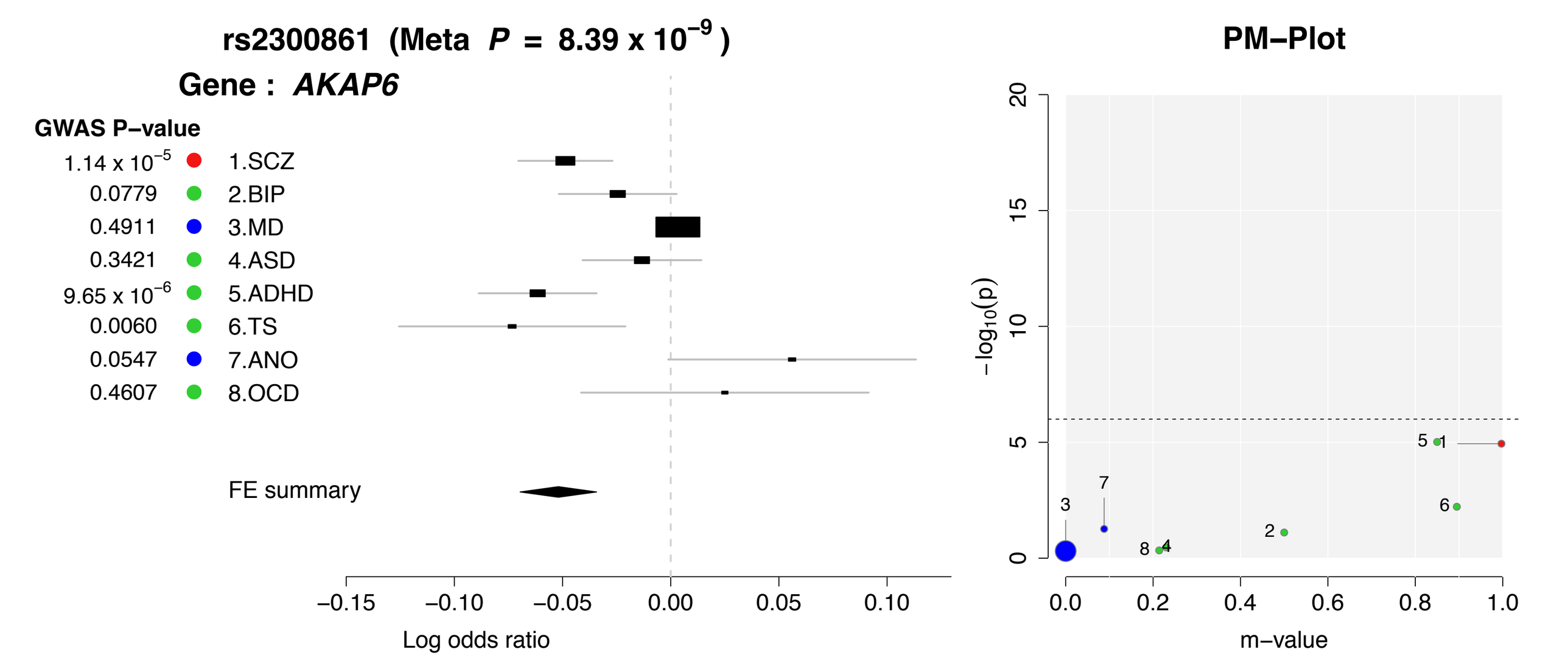

rs2003490 (Meta P = 1.56 x 10−8)
Gene : RPS6KL1 , DLST
GWAS P−value
0.0033 1.SCZ
0.4137 2.BIP
8.67 x 10−9 3.MD
0.8929 4.ASD
0.2640 5.ADHD
0.0661 6.TS
0.9596 7.ANO
0.4357 8.OCD
FE summary
−0.12
−0.08
−0.04
0.00
0.04
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
3
1
6
4
8
7
2
5
0.0
0.2
0.4
0.6
0.8
1.0
m−value

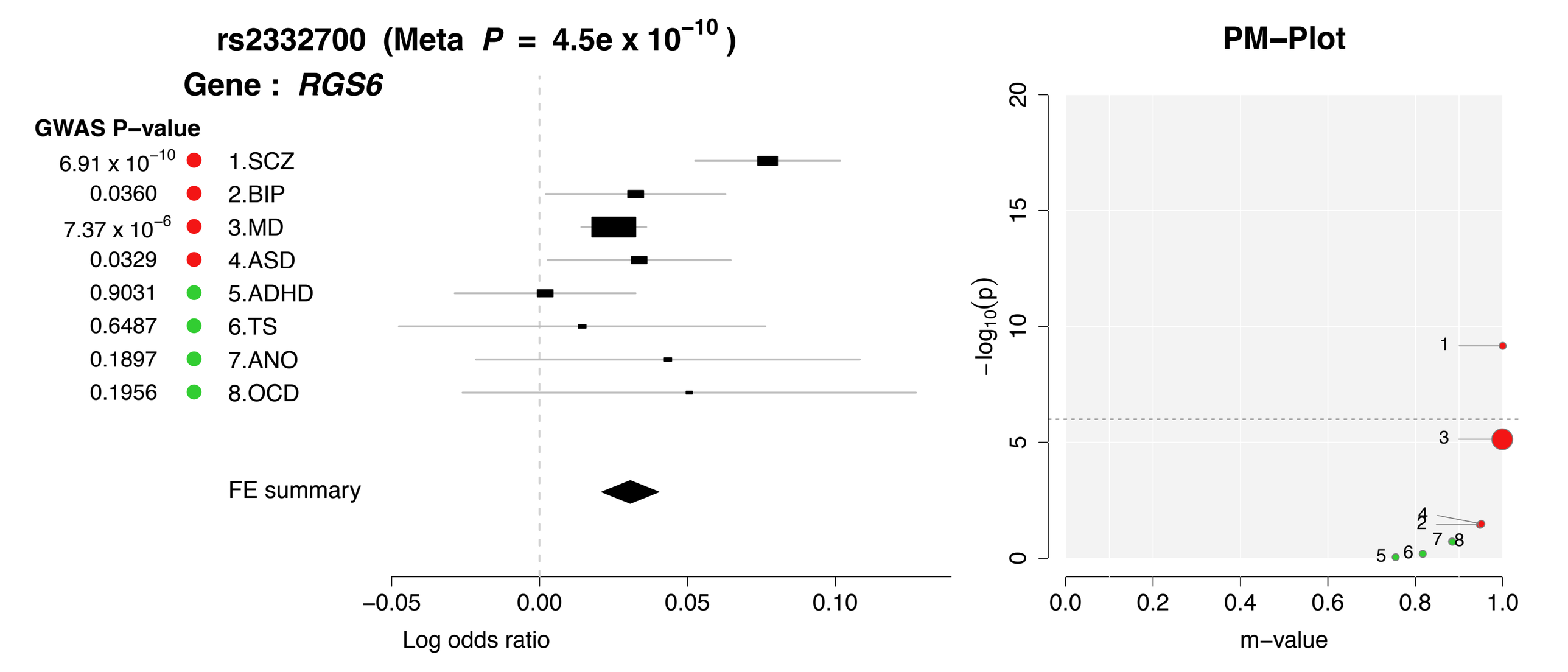

rs2047568 (Meta P = 4.3e x 10−8)
Gene : SPPL3 , ACADS
GWAS P−value
0.0004
0.0044
9.77 x 10−7
0.3844
0.4364
0.3731
0.4305
0.6930
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.08
−0.04
0.00
0.02
0.04
0.06
0.08
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value
1
2
3
4
5
6
7
8

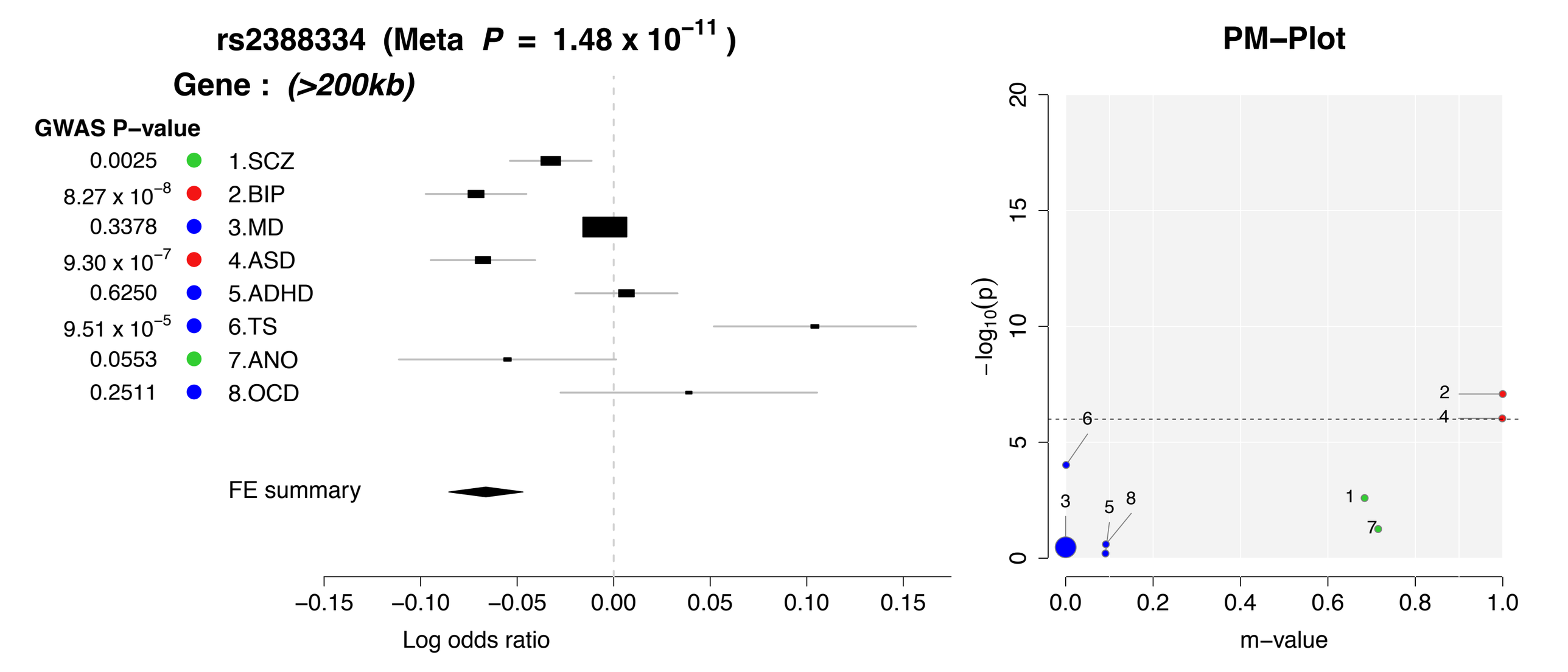

rs2057884 (Meta P = 3.68 x 10−10)
Gene : SRPK2
GWAS P−value
1.86 x 10−9 1.SCZ
0.0674 2.BIP
0.0138 3.MD
0.0005 4.ASD
0.0025 5.ADHD
0.2443 6.TS
0.7256 7.ANO
0.7156 8.OCD
FE summary
−0.10
−0.05
0.00
0.05
0.10
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
1
2
3
4
5
6
7
8
0.0
0.2
0.4
0.6
0.8
1.0
m−value

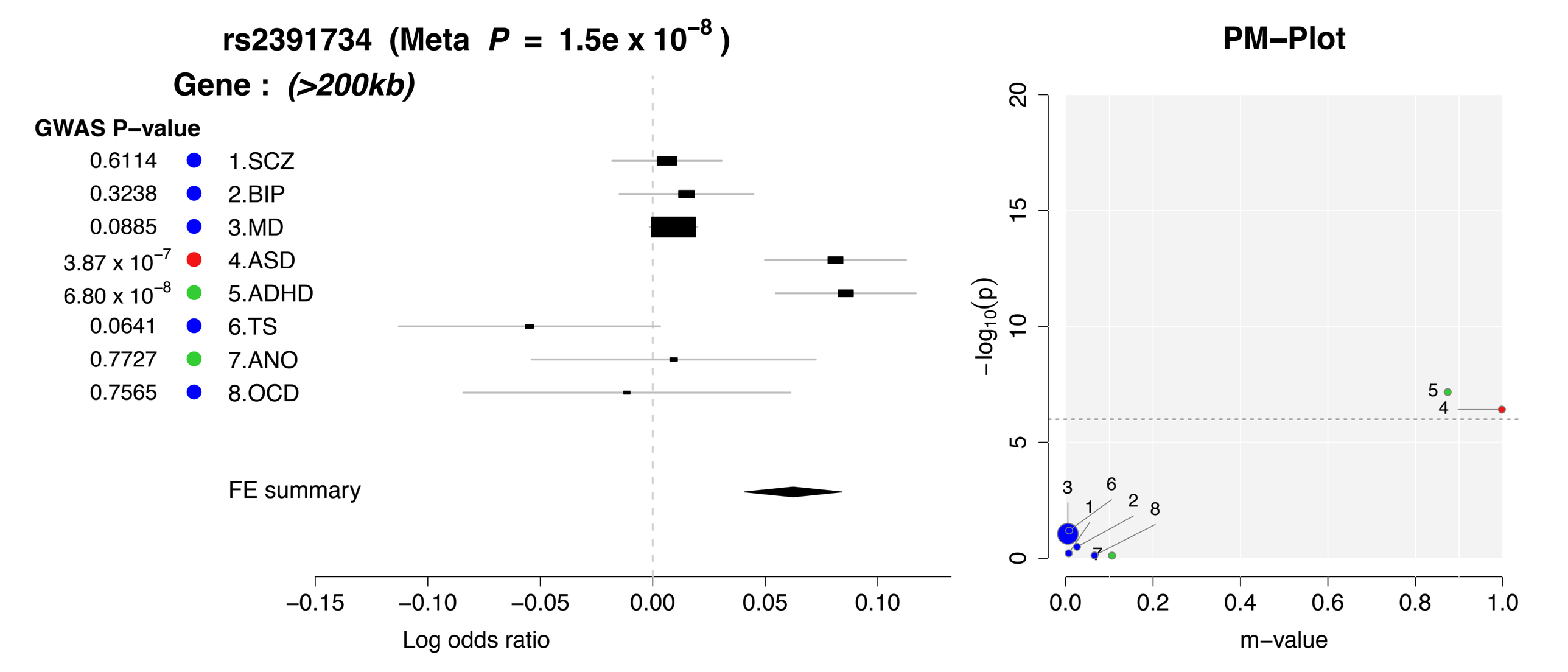

rs2098651 (Meta P = 7.06 x 10−9)
Gene : TENM2
GWAS P−value
0.2245 1.SCZ
0.0931 2.BIP
9.75 x 10−9 3.MD
0.0164 4.ASD
0.0025 5.ADHD
0.1457 6.TS
0.4392 7.ANO
0.1313 8.OCD
FE summary
−0.10 −0.05 0.00 0.05 0.10
Log odds ratio
PM−Plot
−log10(p)
0 5 10 15 20
1 2 3 4 5 6 7 8
0.0 0.2 0.4 0.6 0.8 1.0
m−value

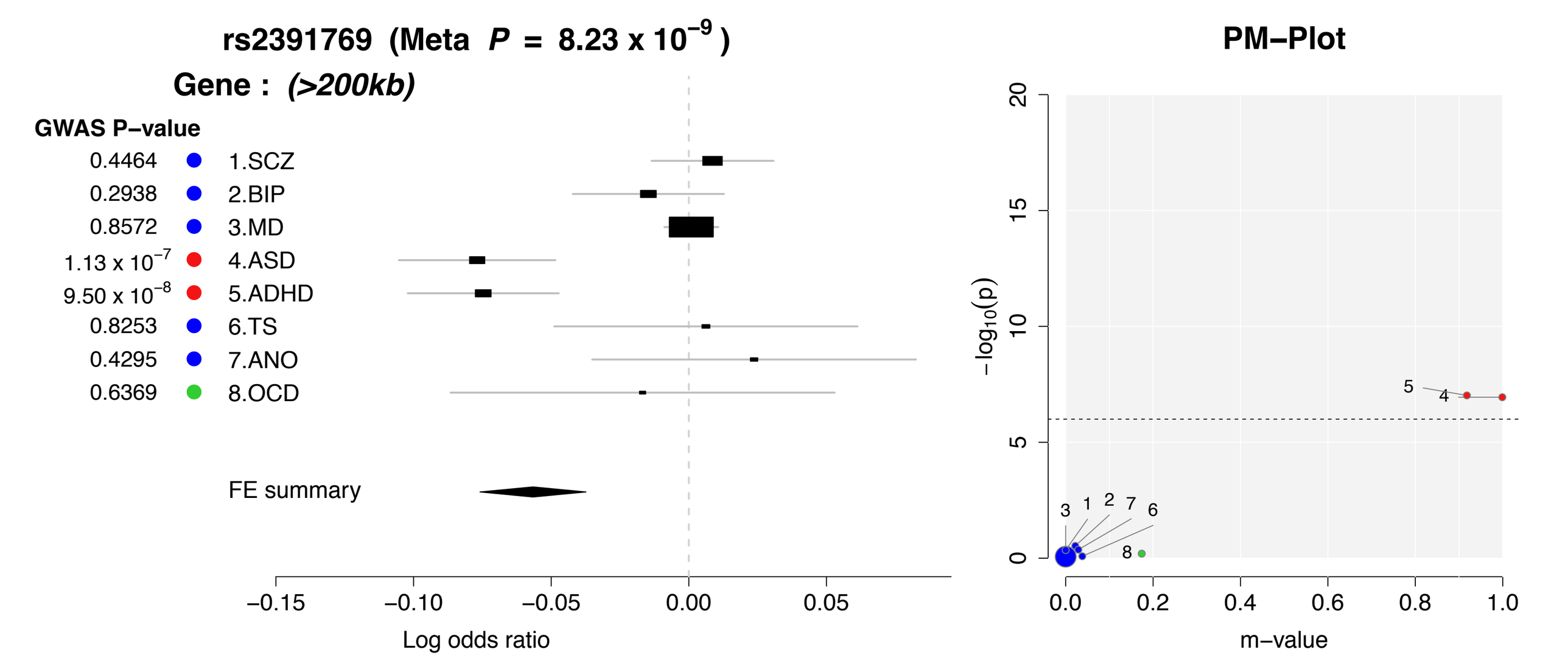

rs2103655 (Meta P = 1.07 x 10−9)
Gene : PPP1R16B , ACTR5
GWAS P−value
1.21 x 10−10
0.0806
0.1127
0.9475
0.2736
0.6443
0.8812
0.0189
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.10
−0.05
0.00
0.05
0.10
0.15
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
1
2
3
4
5
6
7
8
0.0
0.2
0.4
0.6
0.8
1.0
m−value

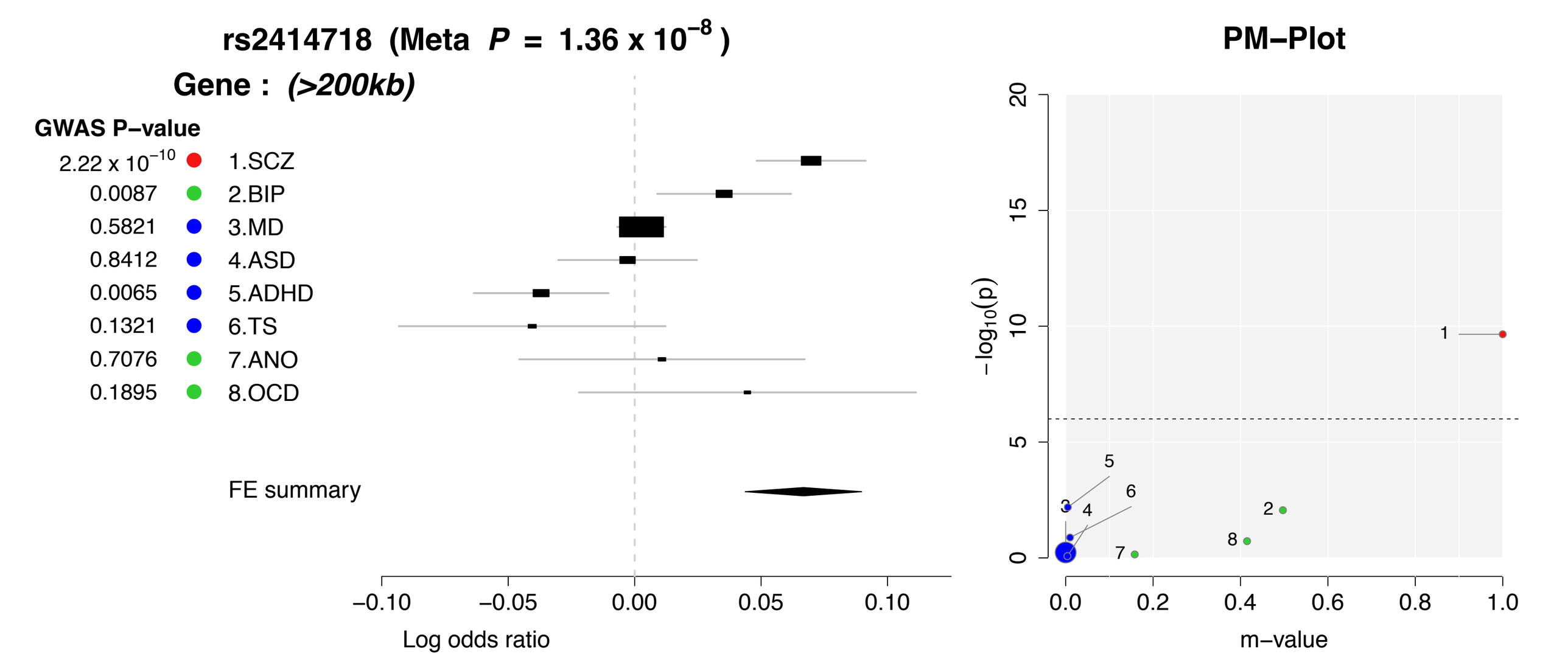

rs2300861 (Meta P = 8.39 x 10−9)
Gene : AKAP6
GWAS P−value
1.14 x 10−5 1.SCZ
0.0779 2.BIP
0.4911 3.MD
0.3421 4.ASD
9.65 x 10−6 5.ADHD
0.0060 6.TS
0.0547 7.ANO
0.4607 8.OCD
FE summary
−0.15 −0.10 −0.05 0.00 0.05 0.10
Log odds ratio
PM−Plot
−log10(p)
0 5 10 15 20
5 1 7 3 6 2 8 4
0.0 0.2 0.4 0.6 0.8 1.0
m−value

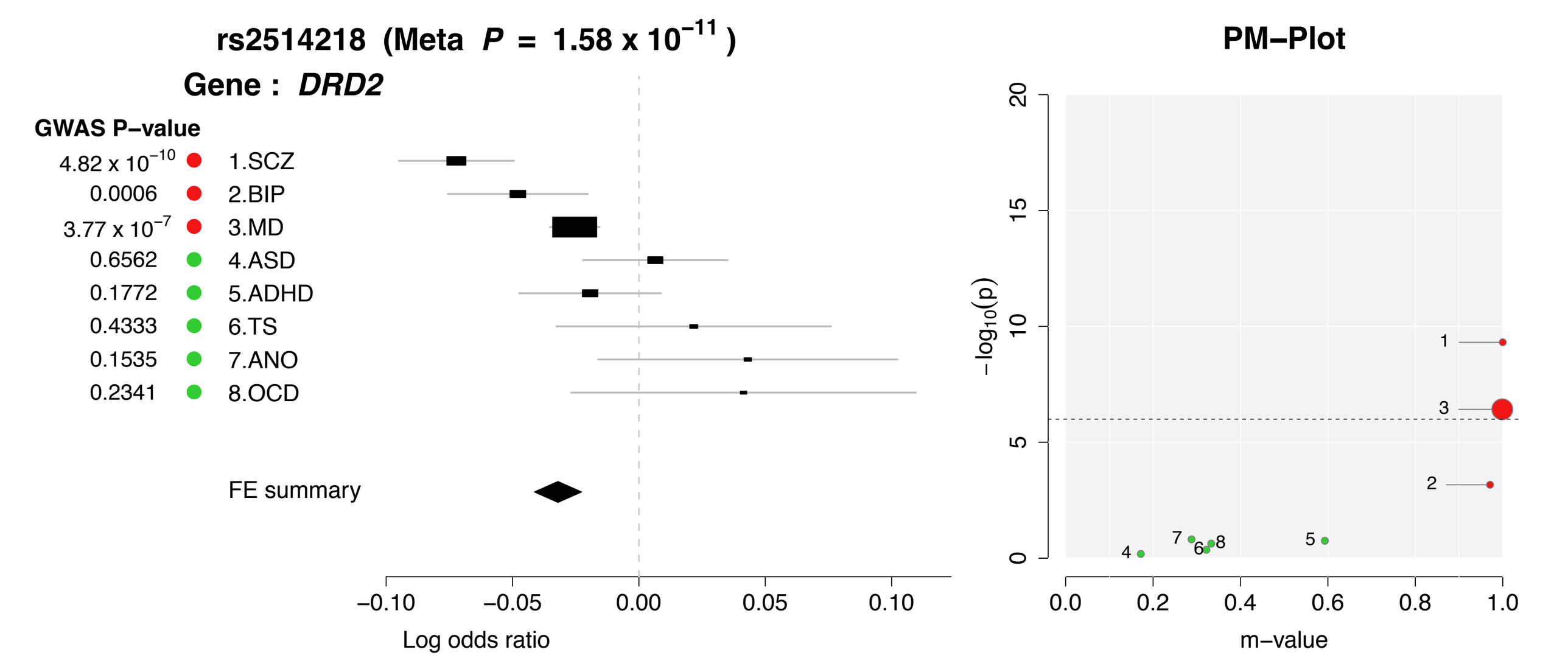

rs2332700 (Meta P = 4.5e x 10^-10)
Gene : RGS6
GWAS P–value
6.91 x 10^-10 1.SCZ
0.0360 2.BIP
7.37 x 10^-6 3.MD
0.0329 4.ASD
0.9031 5.ADHD
0.6487 6.TS
0.1897 7.ANO
0.1956 8.OCD
FE summary
–0.05
0.00
0.05
0.10
Log odds ratio
PM–Plot
−log10(p)
0
5
10
15
20
1
3
4
2
7
8
5
6
0.0
0.2
0.4
0.6
0.8
1.0
m–value

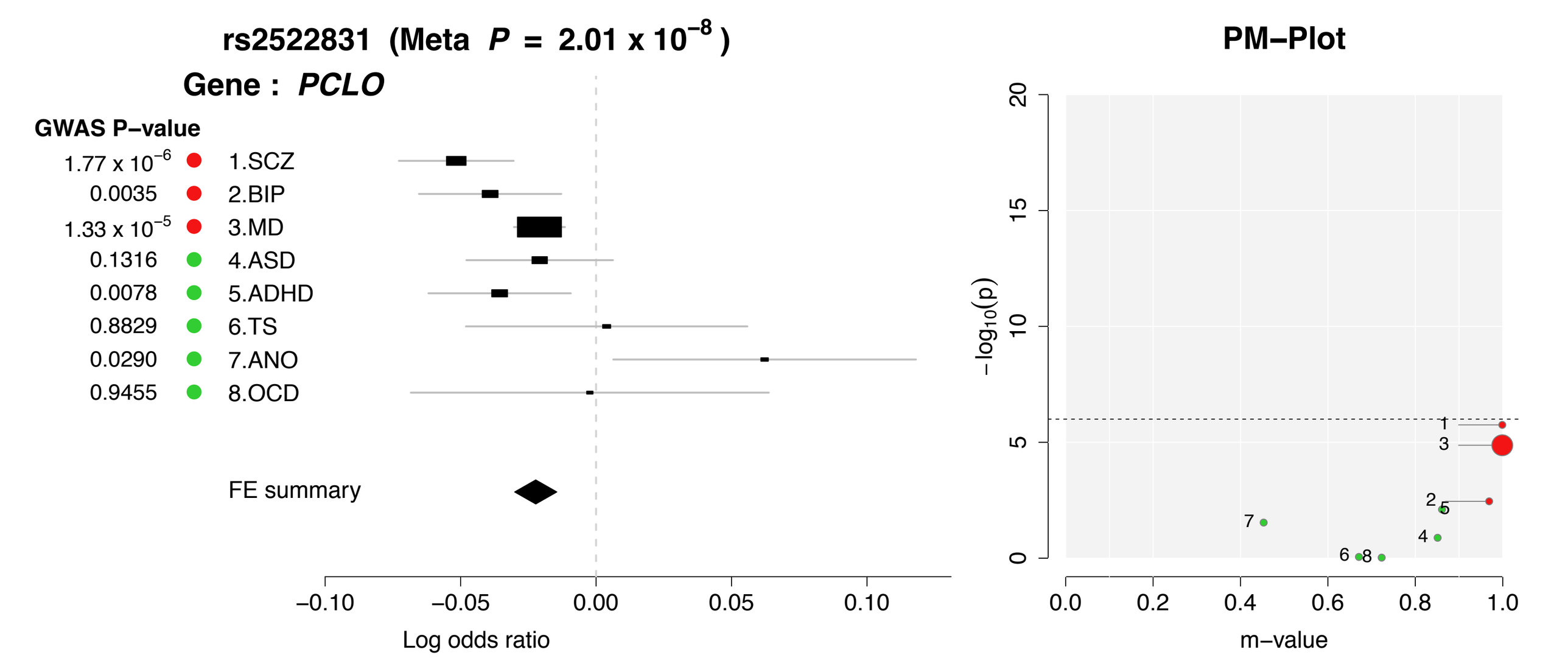

rs2388334 (Meta P = 1.48 x 10−11 )
Gene : (>200kb)
GWAS P−value
0.0025 1.SCZ
8.27 x 10−8 2.BIP
0.3378 3.MD
9.30 x 10−7 4.ASD
0.6250 5.ADHD
9.51 x 10−5 6.TS
0.0553 7.ANO
0.2511 8.OCD
FE summary
−0.15 −0.10 −0.05 0.00 0.05 0.10 0.15
Log odds ratio
PM−Plot
−log10(p)
0 5 10 15 20
0.0 0.2 0.4 0.6 0.8 1.0
m−value
1 2 3 4 5 6 7 8

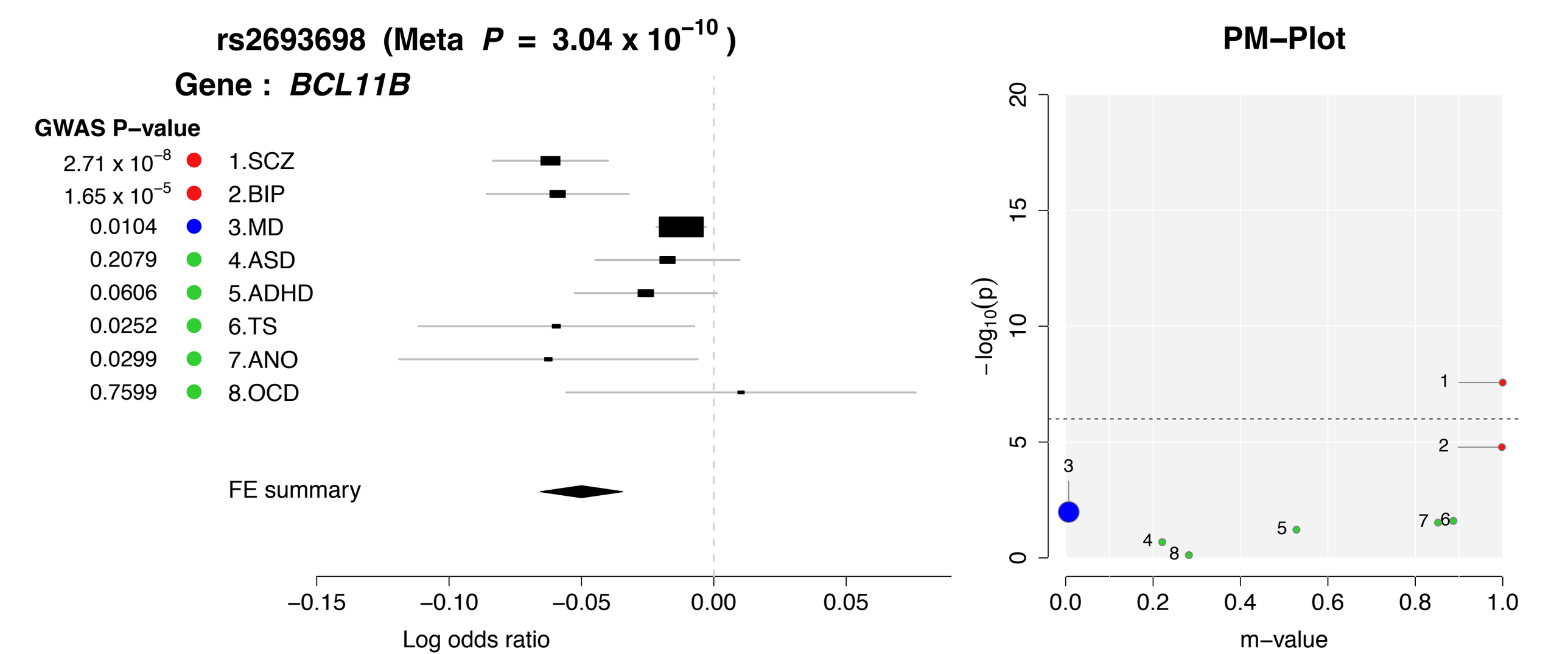

rs2391734 (Meta P = 1.5e x 10−8 )
Gene : (>200kb)
GWAS P−value
0.6114
1.SCZ
0.3238
2.BIP
0.0885
3.MD
3.87 x 10−7
4.ASD
6.80 x 10−8
5.ADHD
0.0641
6.TS
0.7727
7.ANO
0.7565
8.OCD
FE summary
−0.15
−0.10
−0.05
0.00
0.05
0.10
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
5
4
3
6
1
2
8
7
0.0
0.2
0.4
0.6
0.8
1.0
m−value

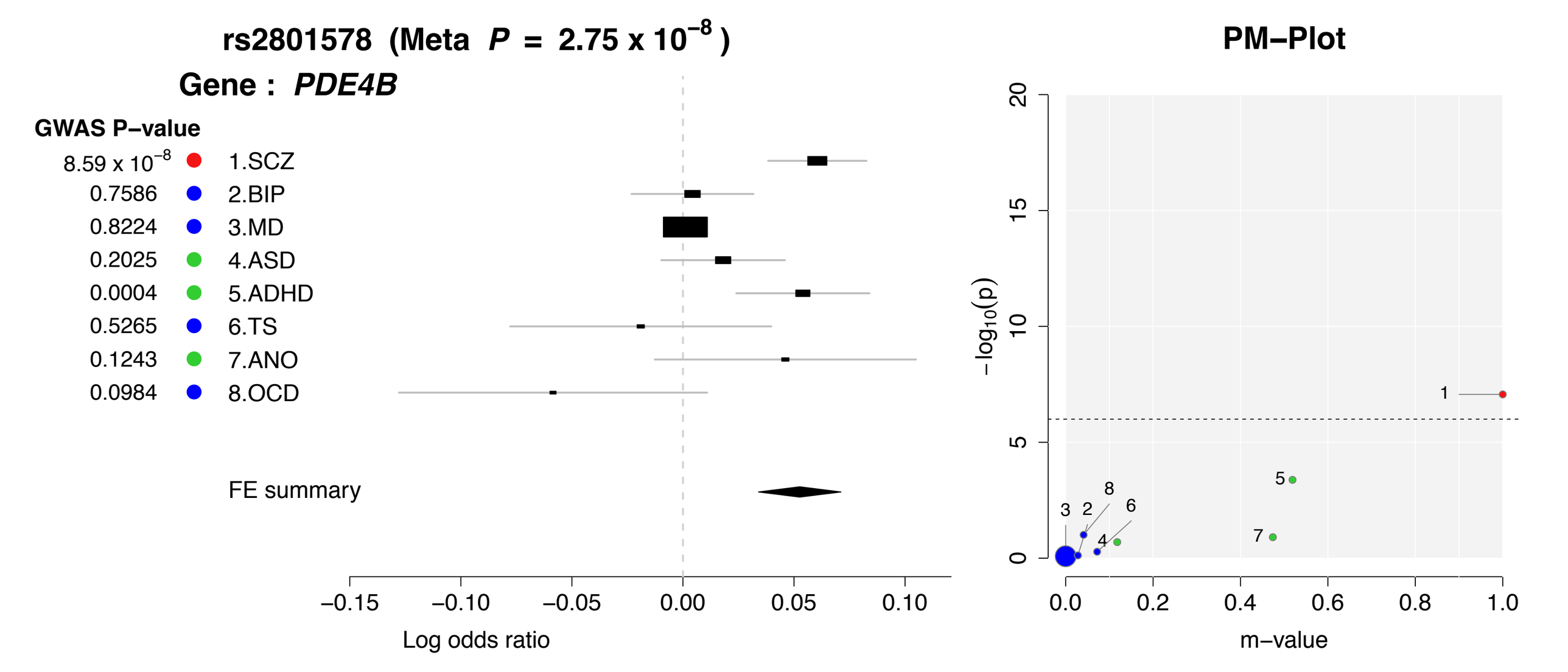

rs2391769 (Meta P = 8.23 x 10−9 )
Gene : (>200kb)
GWAS P−value
0.4464
0.2938
0.8572
1.13 x 10−7
9.50 x 10−8
0.8253
0.4295
0.6369
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.15
−0.10
−0.05
0.00
0.05
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value
3
1
2
7
6
8
5
4

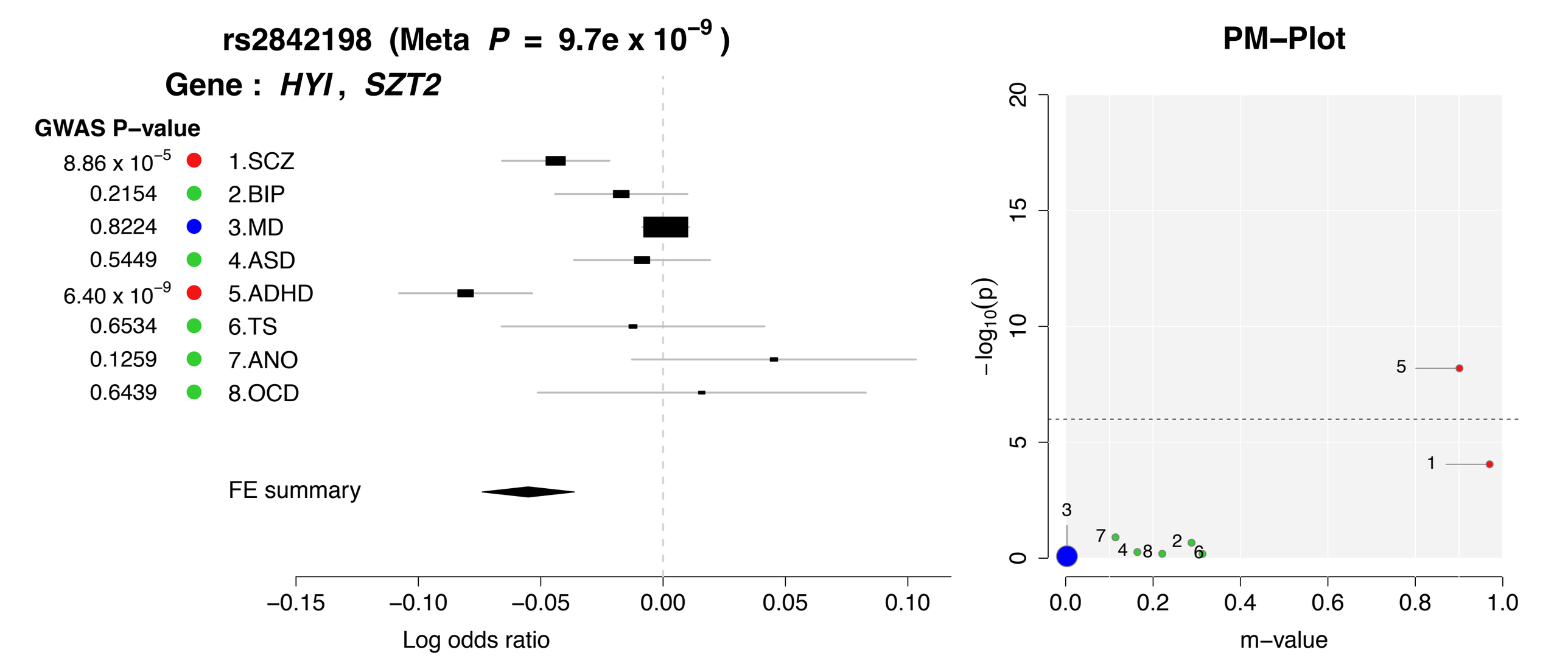

rs2414718 (Meta P = 1.36 x 10−8 )
Gene : (>200kb)
GWAS P−value
2.22 x 10−10
0.0087
0.5821
0.8412
0.0065
0.1321
0.7076
0.1895
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.10
−0.05
0.00
0.05
0.10
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value

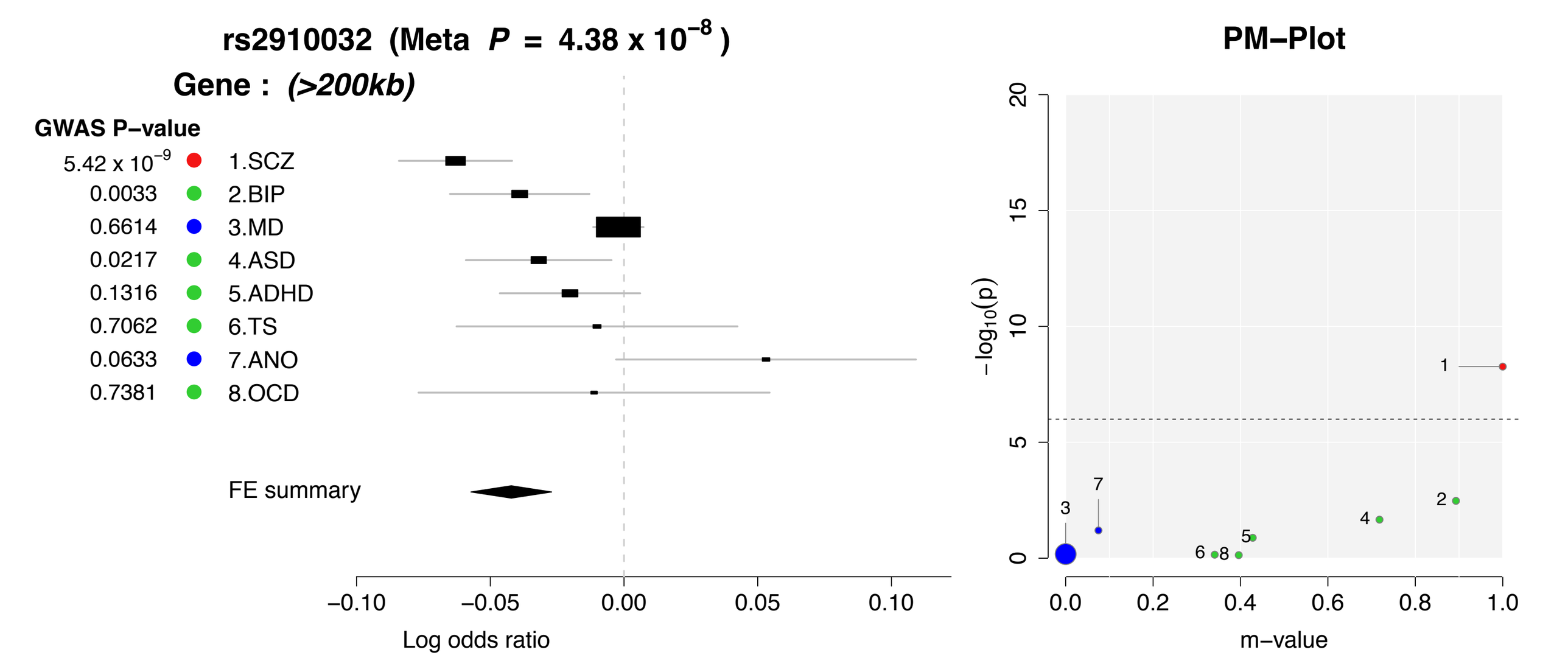

rs2514218 (Meta P = 1.58 x 10−11 )
Gene : DRD2
GWAS P−value
4.82 x 10−10
0.0006
3.77 x 10−7
0.6562
0.1772
0.4333
0.1535
0.2341
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.10
−0.05
0.00
0.05
0.10
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
1
3
2
4
7
6
8
5
0.0
0.2
0.4
0.6
0.8
1.0
m−value

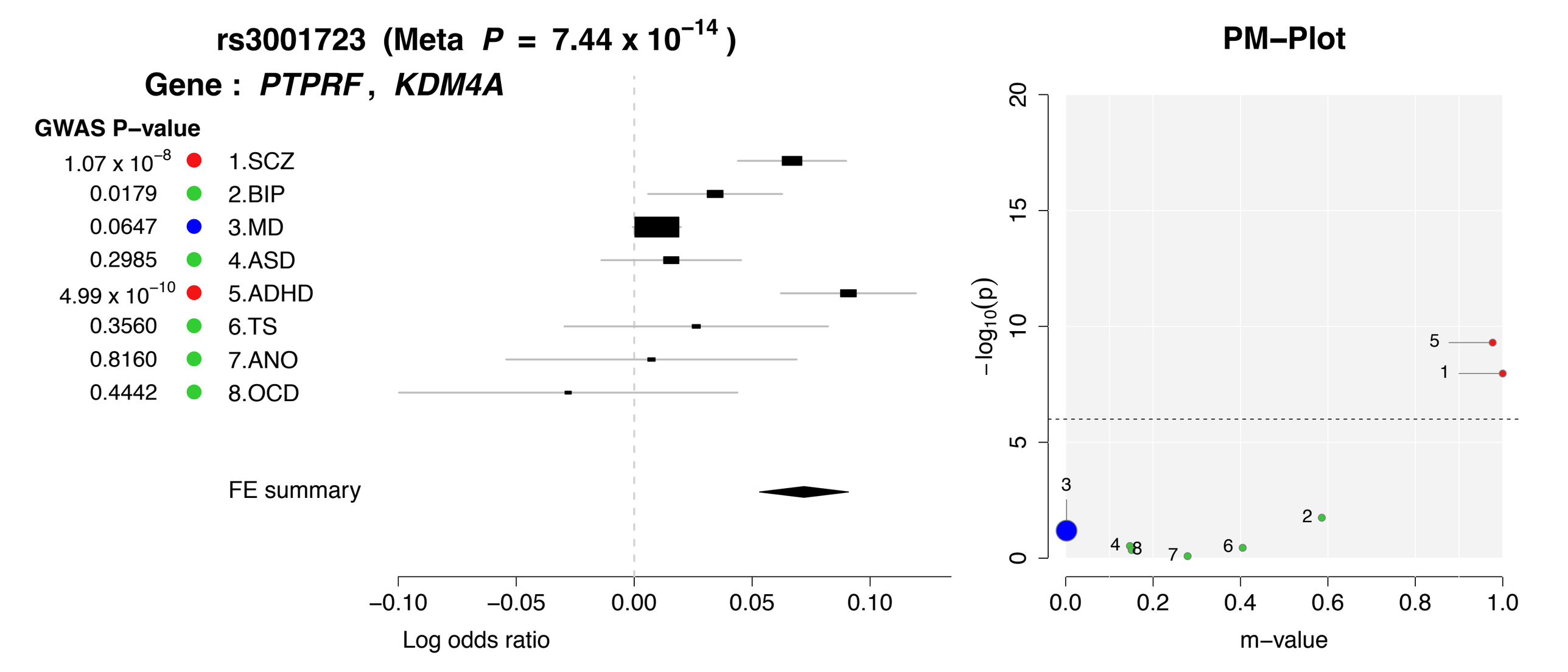

rs2522831 (Meta P = 2.01 x 10−8)
Gene : PCLO
GWAS P−value
1.77 x 10−6 1.SCZ
0.0035 2.BIP
1.33 x 10−5 3.MD
0.1316 4.ASD
0.0078 5.ADHD
0.8829 6.TS
0.0290 7.ANO
0.9455 8.OCD
FE summary
−0.10
−0.05
0.00
0.05
0.10
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value
1
3
2
5
7
4
6
8

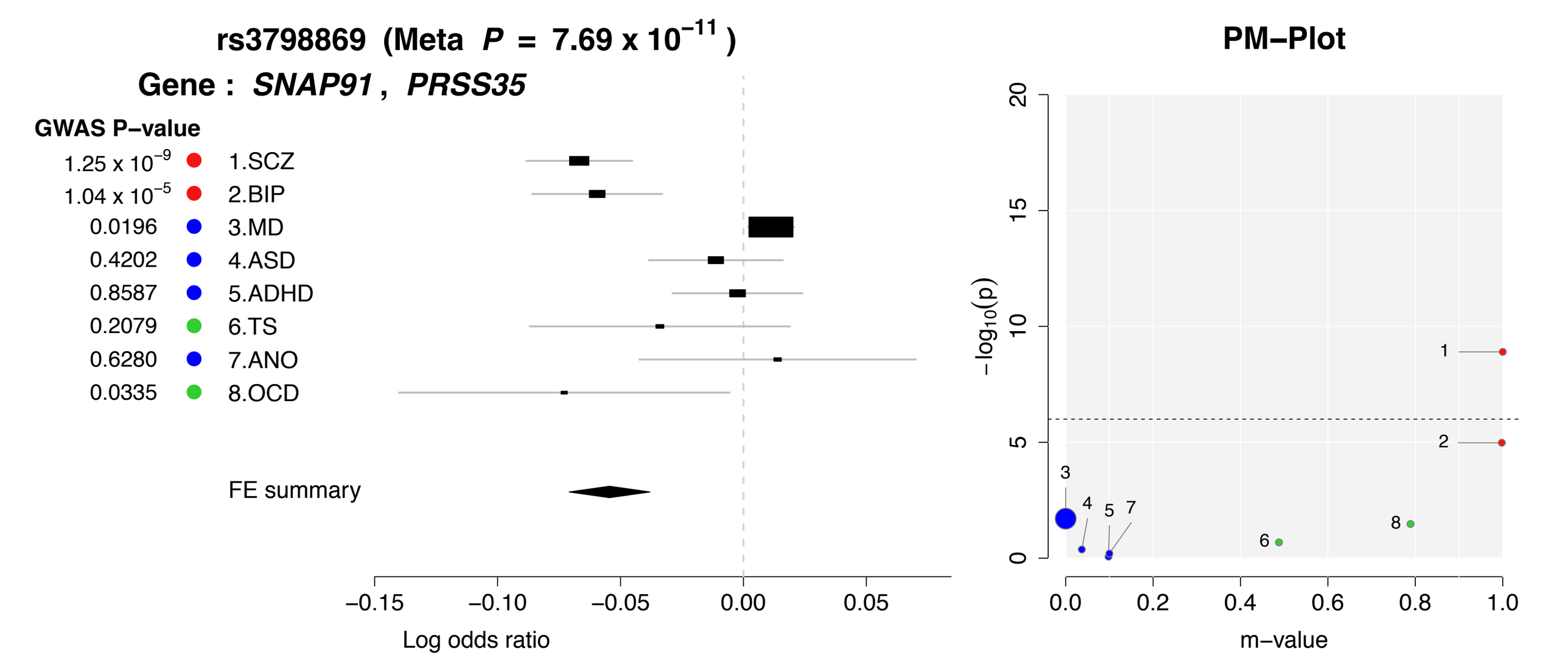

rs2693698 (Meta P = 3.04 x 10−10)
Gene : BCL11B
GWAS P−value
2.71 x 10−8 1.SCZ
1.65 x 10−5 2.BIP
0.0104 3.MD
0.2079 4.ASD
0.0606 5.ADHD
0.0252 6.TS
0.0299 7.ANO
0.7599 8.OCD
FE summary
−0.15
−0.10
−0.05
0.00
0.05
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
1
2
3
4
5
6
7
8
0.0
0.2
0.4
0.6
0.8
1.0
m−value

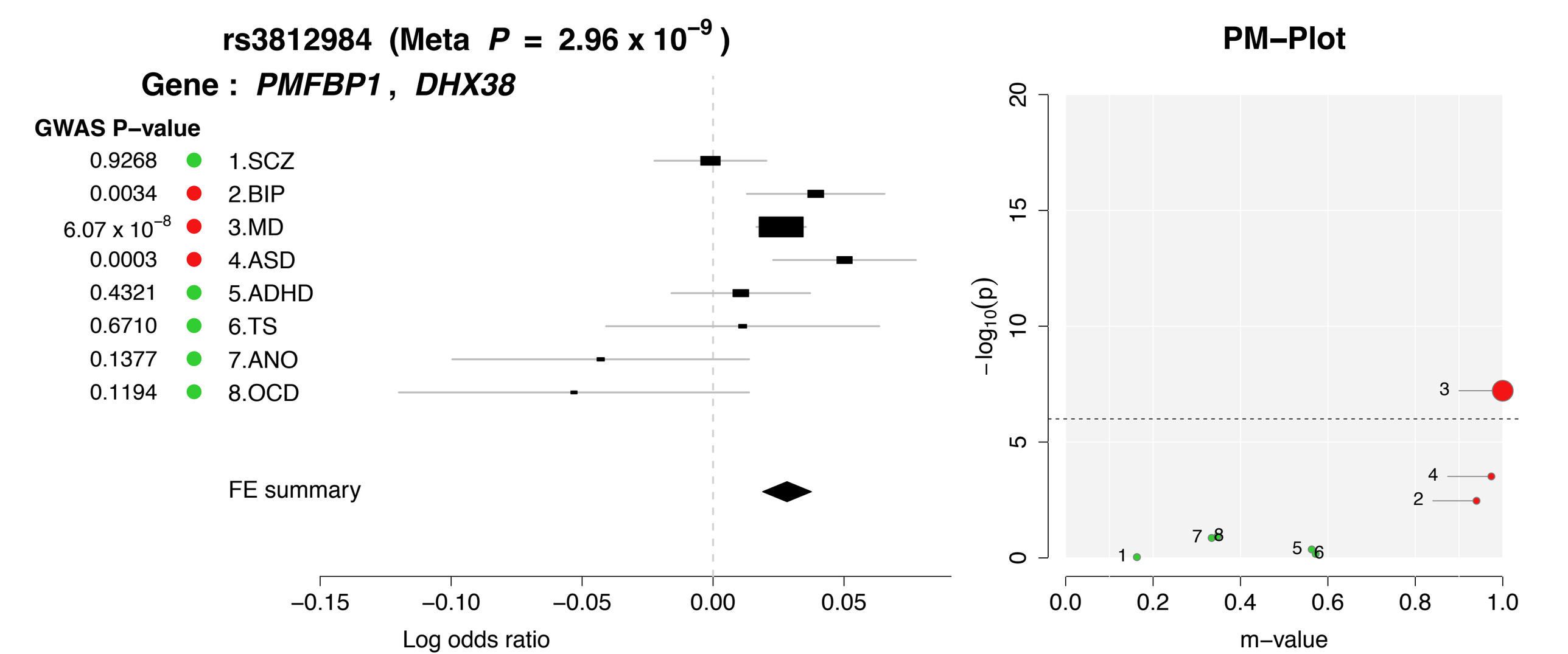

rs2801578 (Meta P = 2.75 x 10−8)
Gene : PDE4B
GWAS P−value
8.59 x 10−8 1.SCZ
0.7586 2.BIP
0.8224 3.MD
0.2025 4.ASD
0.0004 5.ADHD
0.5265 6.TS
0.1243 7.ANO
0.0984 8.OCD
FE summary
−0.15 −0.10 −0.05 0.00 0.05 0.10
Log odds ratio
PM−Plot
−log10(p)
0 5 10 15 20
1
5
8
3 2
6
4
7
0.0 0.2 0.4 0.6 0.8 1.0
m−value

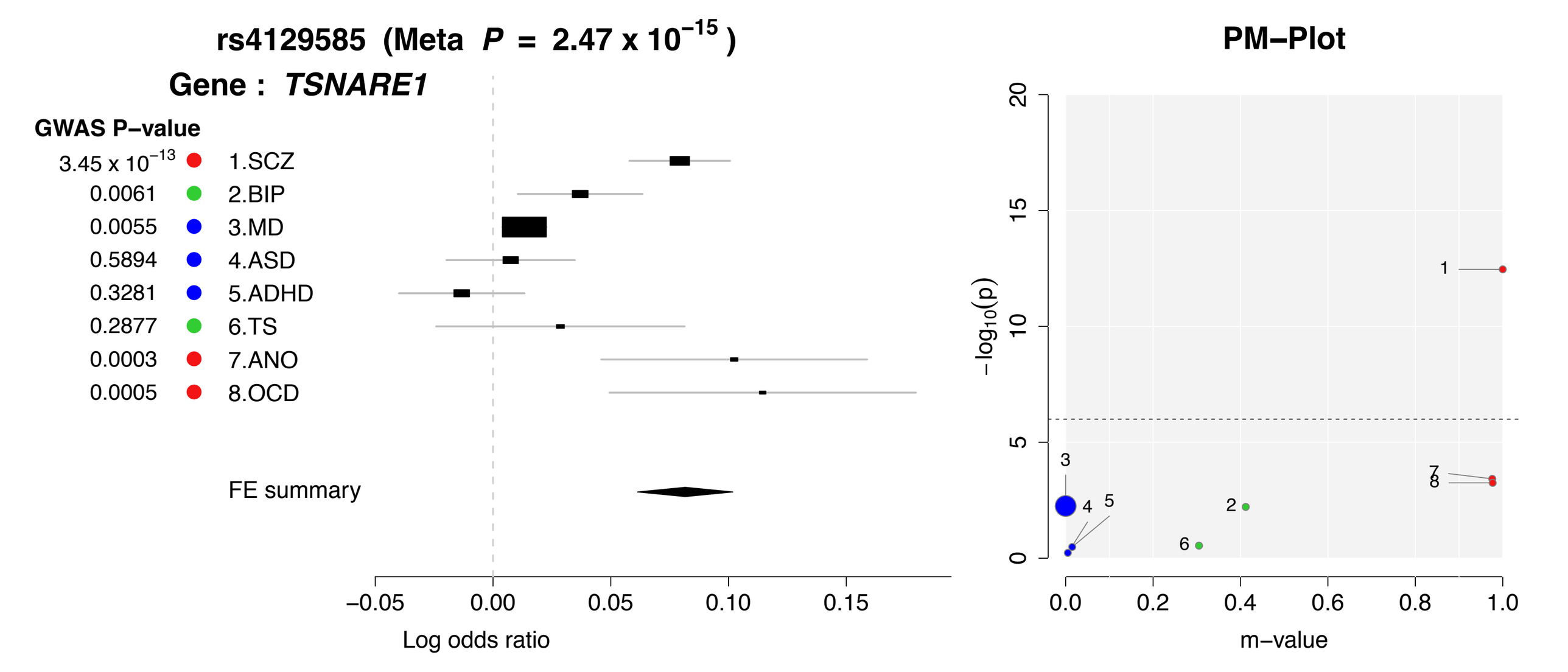

rs2842198 (Meta P = 9.7e x 10−9)
Gene : HYI, SZT2
GWAS P−value
8.86 x 10−5
0.2154
0.8224
0.5449
6.40 x 10−9
0.6534
0.1259
0.6439
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.15
−0.10
−0.05
0.00
0.05
0.10
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value
5
1
3
7
4
8
2
6

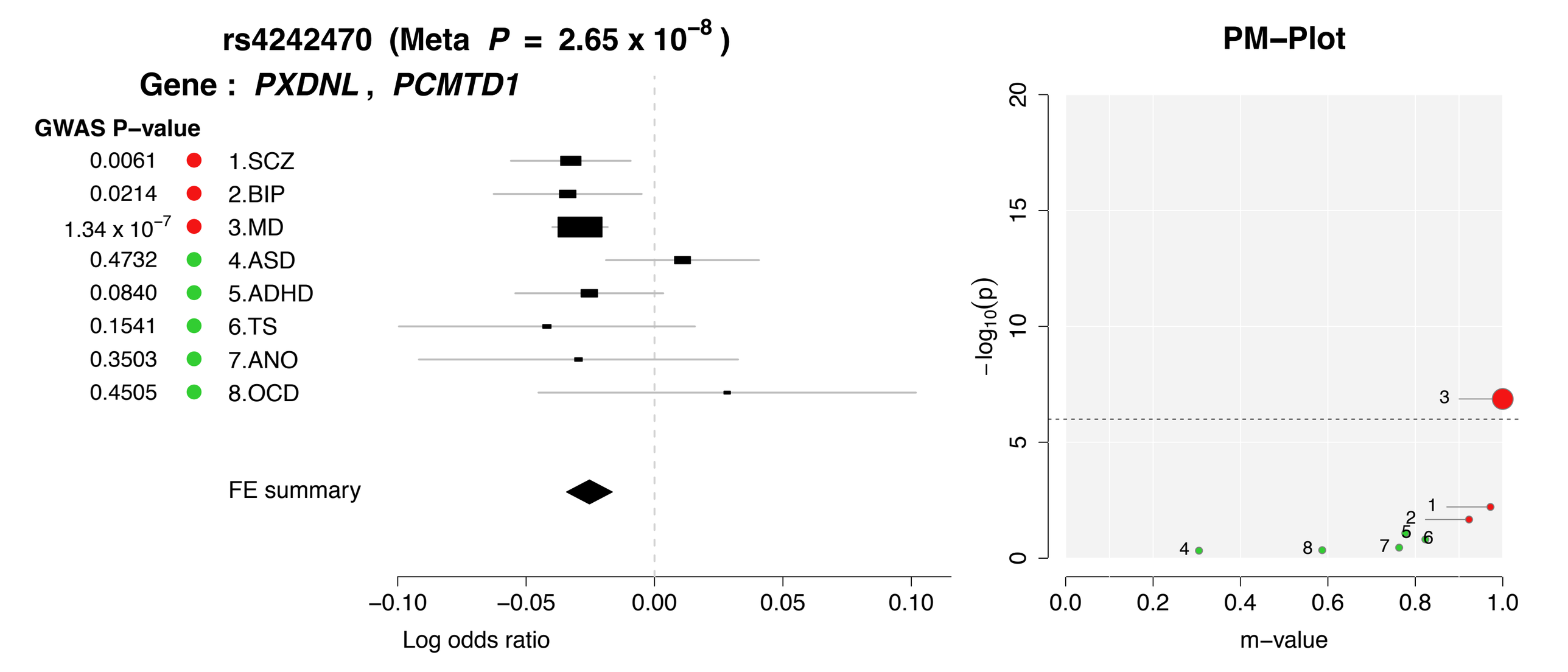

rs2910032 (Meta P = 4.38 x 10−8 )
Gene : (>200kb)
GWAS P−value
5.42 x 10−9
0.0033
0.6614
0.0217
0.1316
0.7062
0.0633
0.7381
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.10
−0.05
0.00
0.05
0.10
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value
1
2
3
4
5
6
7
8

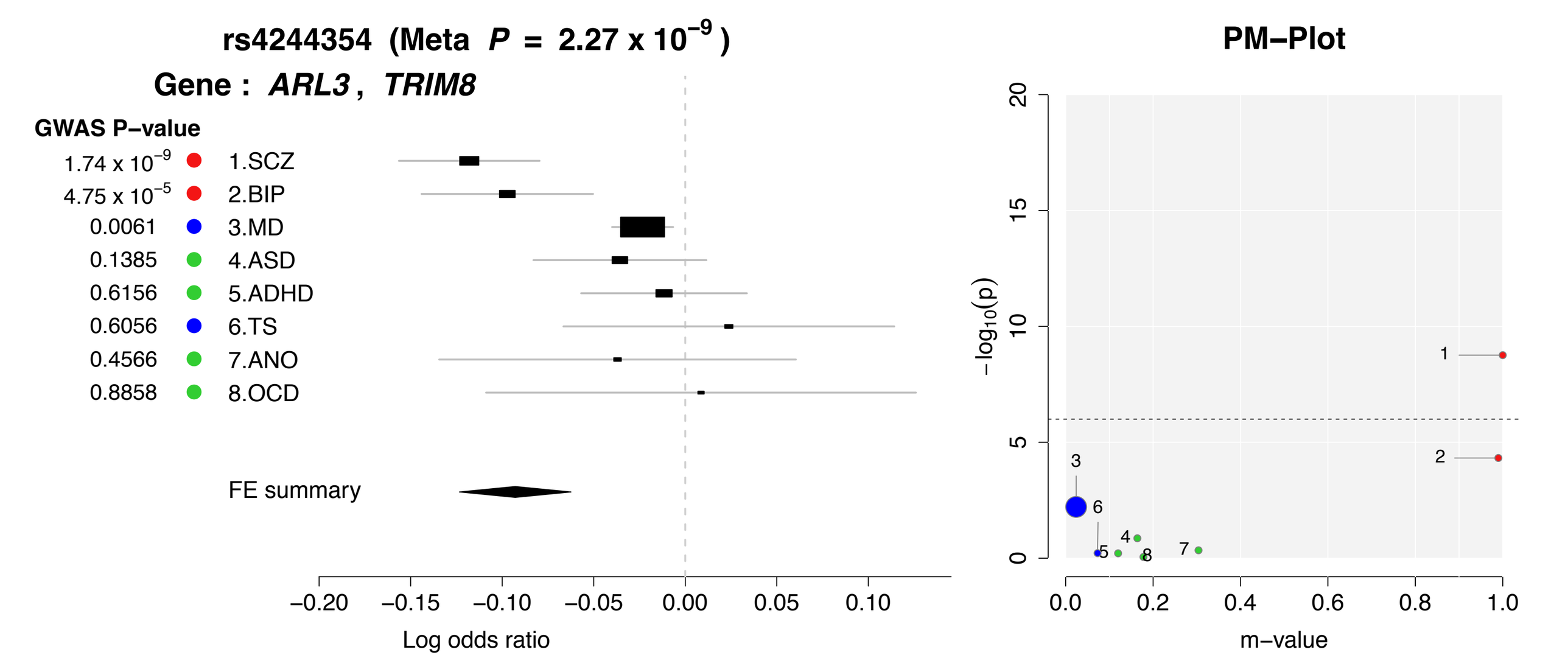

rs3001723 (Meta P = 7.44 x 10−14)
Gene : PTPRF, KDM4A
GWAS P−value
1.07 x 10−8
0.0179
0.0647
0.2985
4.99 x 10−10
0.3560
0.8160
0.4442
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.10
−0.05
0.00
0.05
0.10
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value

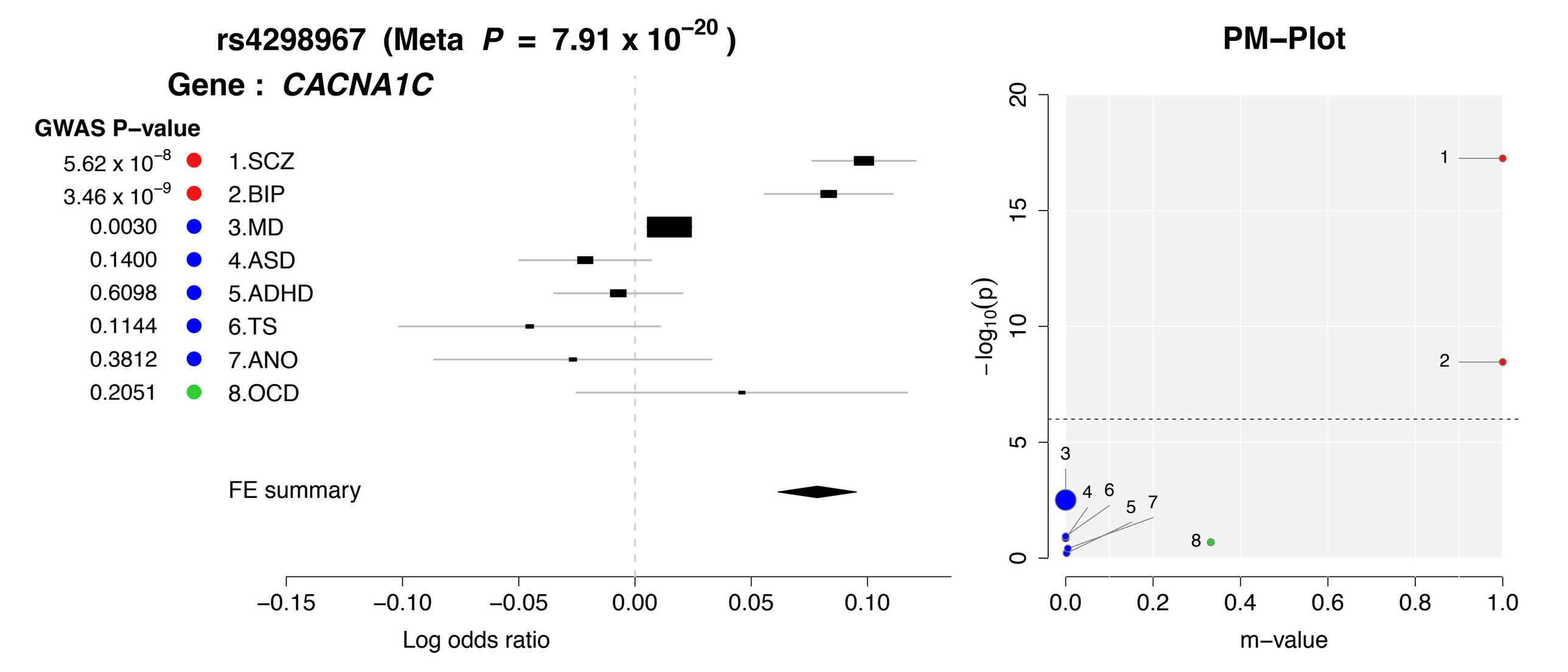

rs3798869 (Meta P = 7.69 x 10−11 )
Gene : SNAP91 , PRSS35
GWAS P−value
1.25 x 10−9 1.SCZ
1.04 x 10−5 2.BIP
0.0196 3.MD
0.4202 4.ASD
0.8587 5.ADHD
0.2079 6.TS
0.6280 7.ANO
0.0335 8.OCD
FE summary
−0.15
−0.10
−0.05
0.00
0.05
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
1
2
3
4
5
7
6
8
0.0
0.2
0.4
0.6
0.8
1.0
m−value

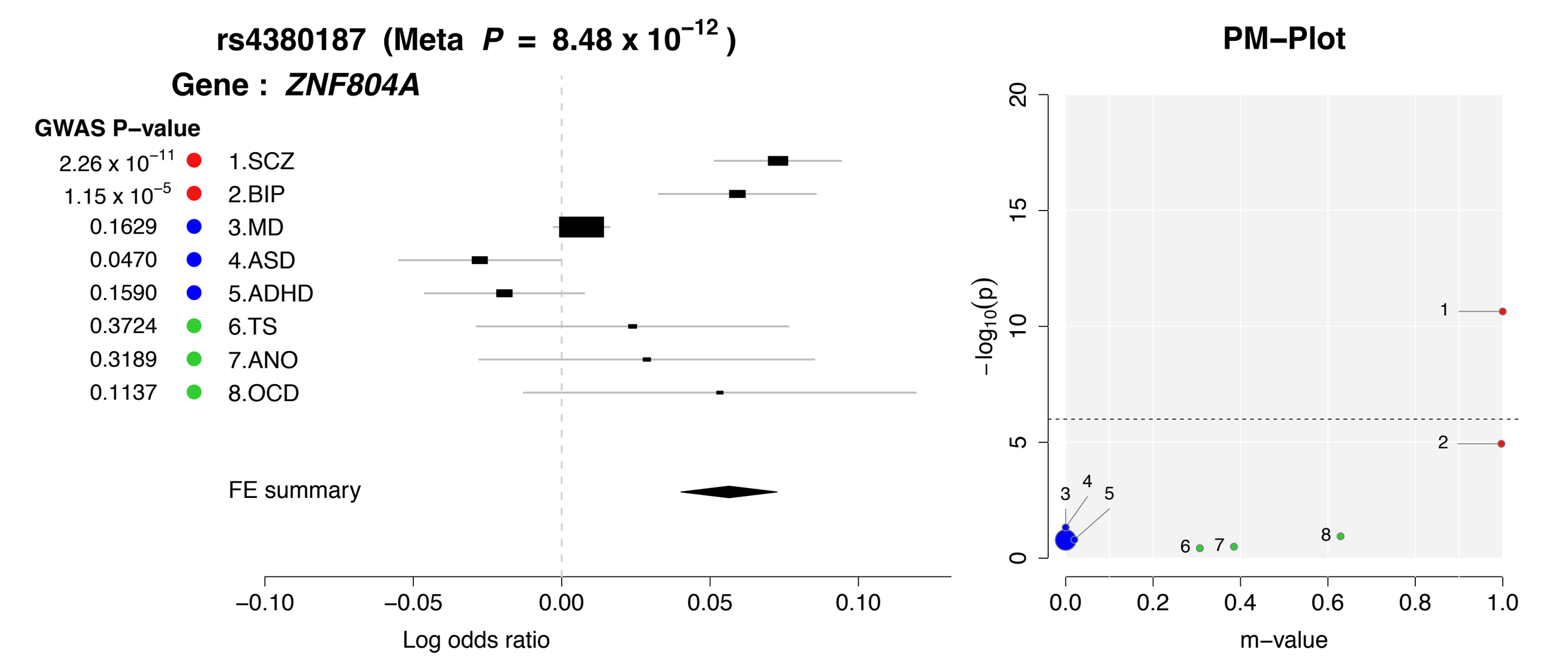

rs3812984 (Meta P = 2.96 x 10−9)
Gene : PMFBP1 , DHX38
GWAS P−value
0.9268
1.SCZ
0.0034
2.BIP
6.07 x 10−8
3.MD
0.0003
4.ASD
0.4321
5.ADHD
0.6710
6.TS
0.1377
7.ANO
0.1194
8.OCD
FE summary
−0.15
−0.10
−0.05
0.00
0.05
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
3
4
2
7
8
1
5
6
0.0
0.2
0.4
0.6
0.8
1.0
m−value

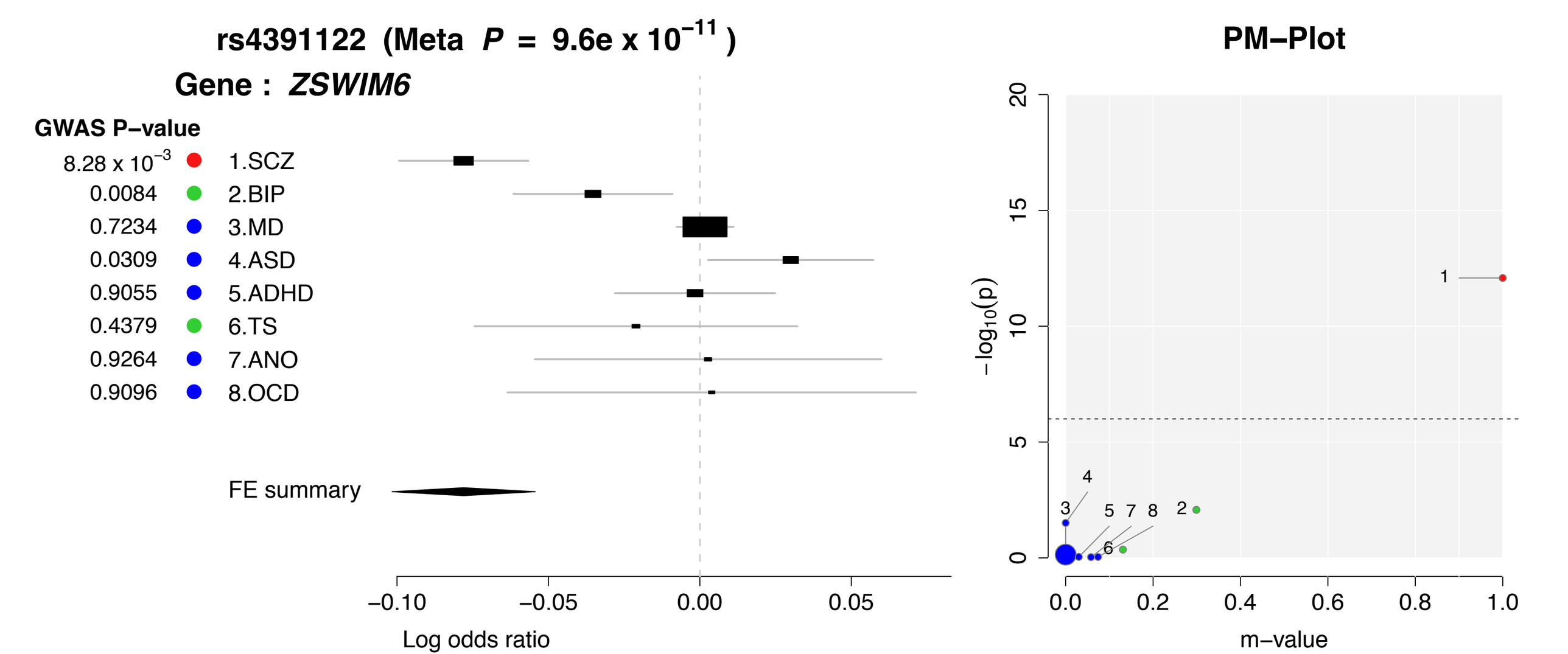

rs4129585 (Meta P = 2.47 x 10−15)
Gene : TSNARE1
GWAS P−value
3.45 x 10−13 1.SCZ
0.0061 2.BIP
0.0055 3.MD
0.5894 4.ASD
0.3281 5.ADHD
0.2877 6.TS
0.0003 7.ANO
0.0005 8.OCD
FE summary
−0.05
0.00
0.05
0.10
0.15
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
1
2
3
4
5
6
7
8
0.0
0.2
0.4
0.6
0.8
1.0
m−value

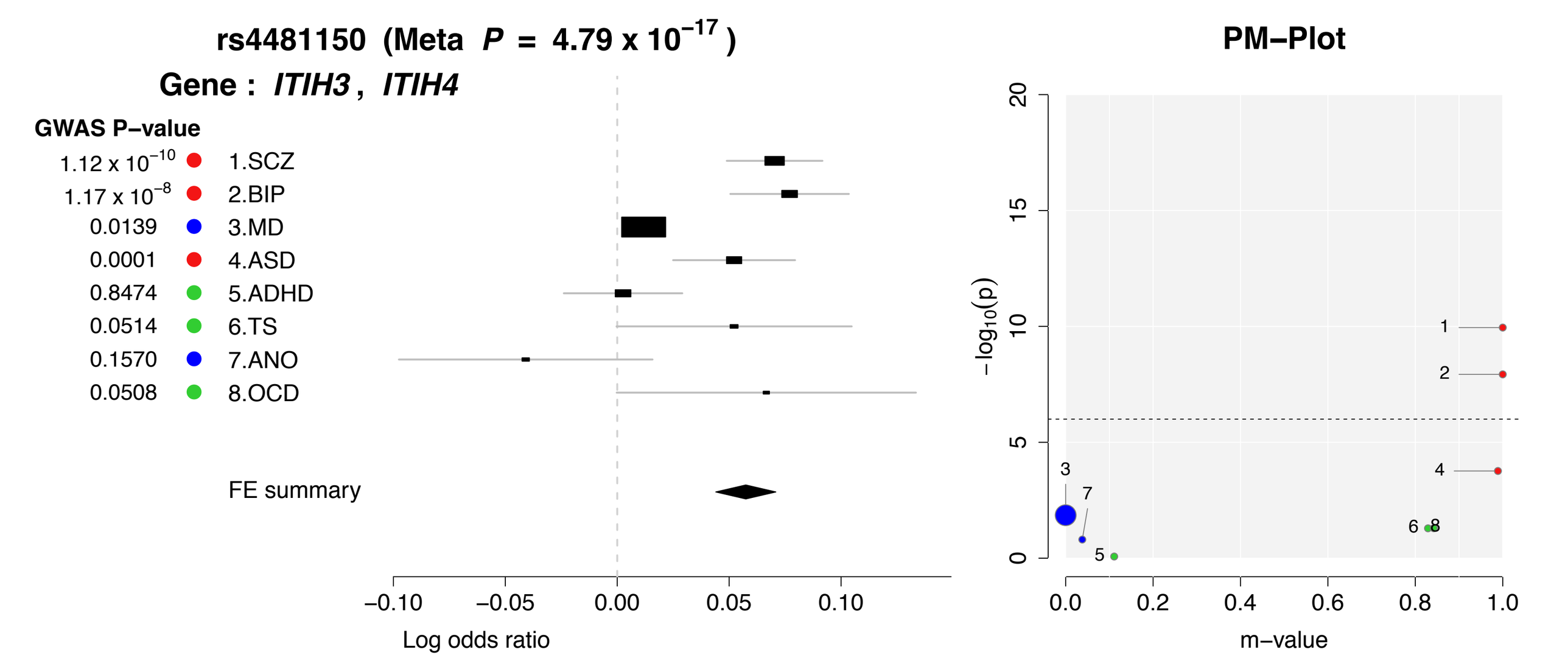

rs4242470 (Meta P = 2.65 x 10−8)
Gene : PXDNL , PCMTD1
GWAS P−value
0.0061 1.SCZ
0.0214 2.BIP
1.34 x 10−7 3.MD
0.4732 4.ASD
0.0840 5.ADHD
0.1541 6.TS
0.3503 7.ANO
0.4505 8.OCD
FE summary
−0.10
−0.05
0.00
0.05
0.10
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
1
2
3
4
5
6
7
8
0.0
0.2
0.4
0.6
0.8
1.0
m−value

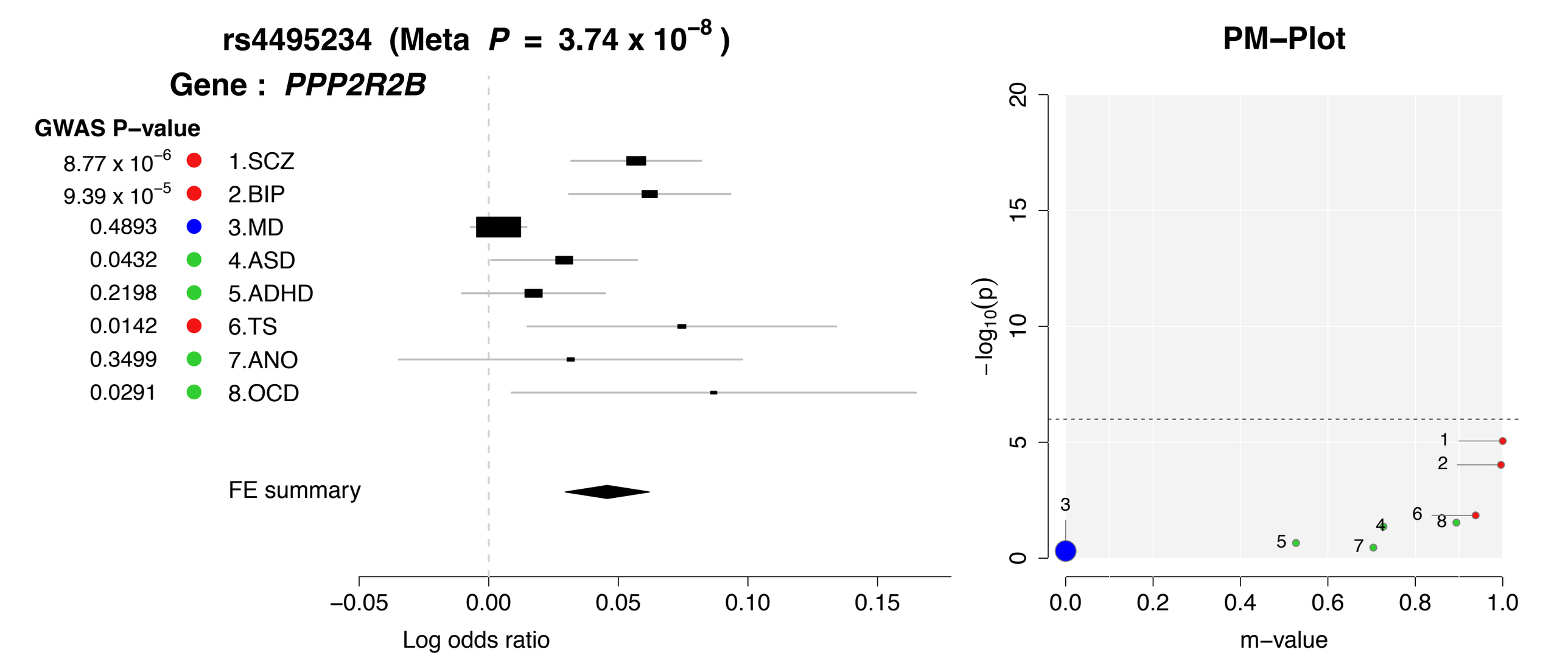

rs4244354 (Meta P = 2.27 x 10−9)
Gene : ARL3 , TRIM8
GWAS P−value
1.74 x 10−9
4.75 x 10−5
0.0061
0.1385
0.6156
0.6056
0.4566
0.8858
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.20
−0.15
−0.10
−0.05
0.00
0.05
0.10
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value
1
2
3
4
5
6
7
8

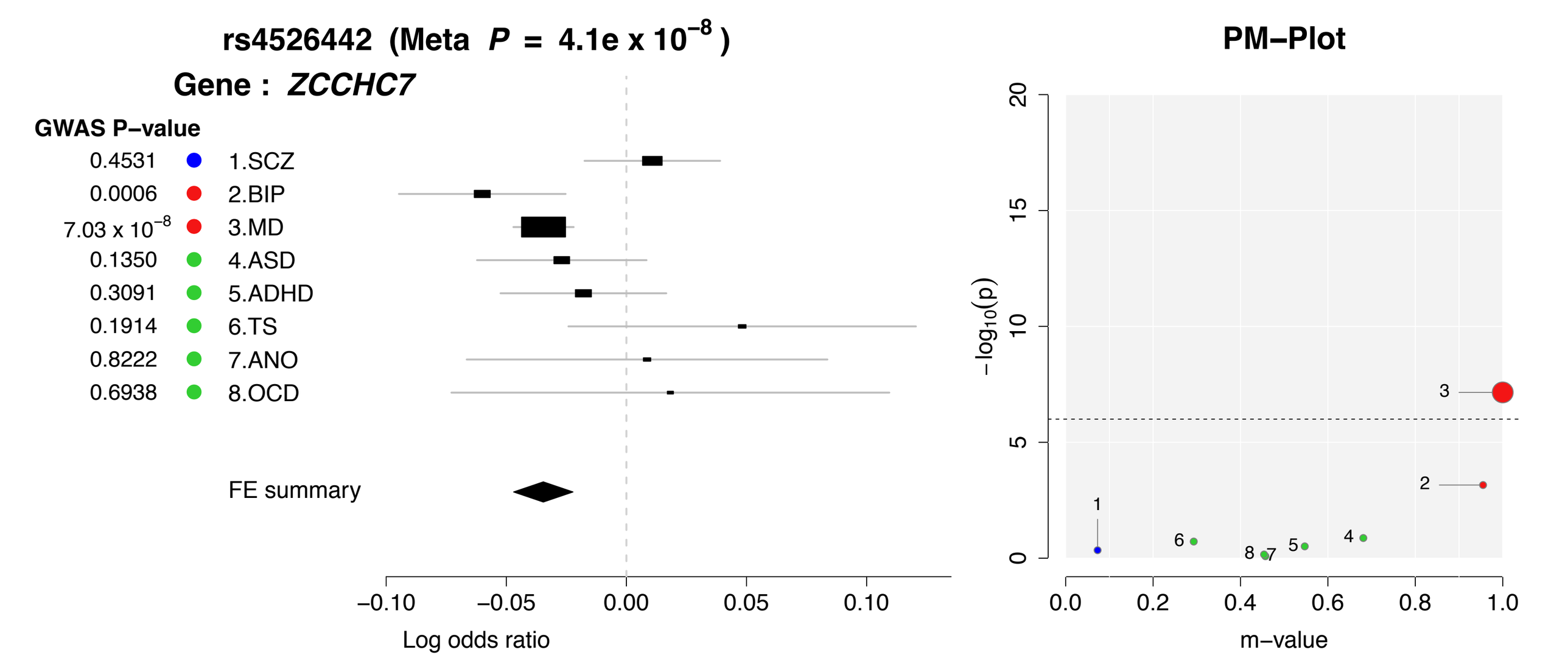

rs4298967 (Meta P = 7.91 x 10−20)
Gene : CACNA1C
GWAS P−value
5.62 x 10−8 1.SCZ
3.46 x 10−9 2.BIP
0.0030 3.MD
0.1400 4.ASD
0.6098 5.ADHD
0.1144 6.TS
0.3812 7.ANO
0.2051 8.OCD
FE summary
−0.15 −0.10 −0.05 0.00 0.05 0.10
Log odds ratio
PM−Plot
−log10(p)
0 5 10 15 20
1 2 3 4 5 6 7 8
0.0 0.2 0.4 0.6 0.8 1.0
m−value

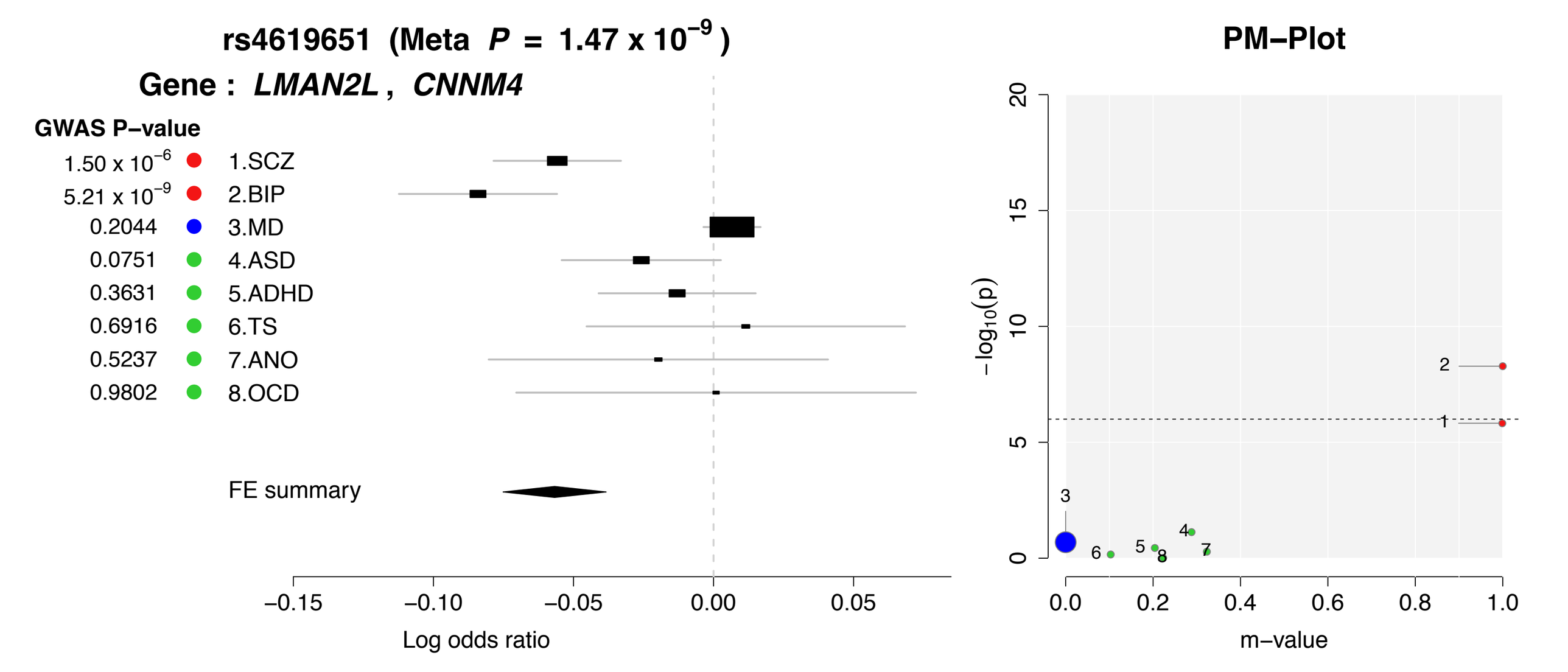

rs4380187 (Meta P = 8.48 x 10−12)
Gene : ZNF804A
GWAS P−value
2.26 x 10−11
1.15 x 10−5
0.1629
0.0470
0.1590
0.3724
0.3189
0.1137
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.10
−0.05
0.00
0.05
0.10
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
1
2
3
4
5
6
7
8
0.0
0.2
0.4
0.6
0.8
1.0
m−value

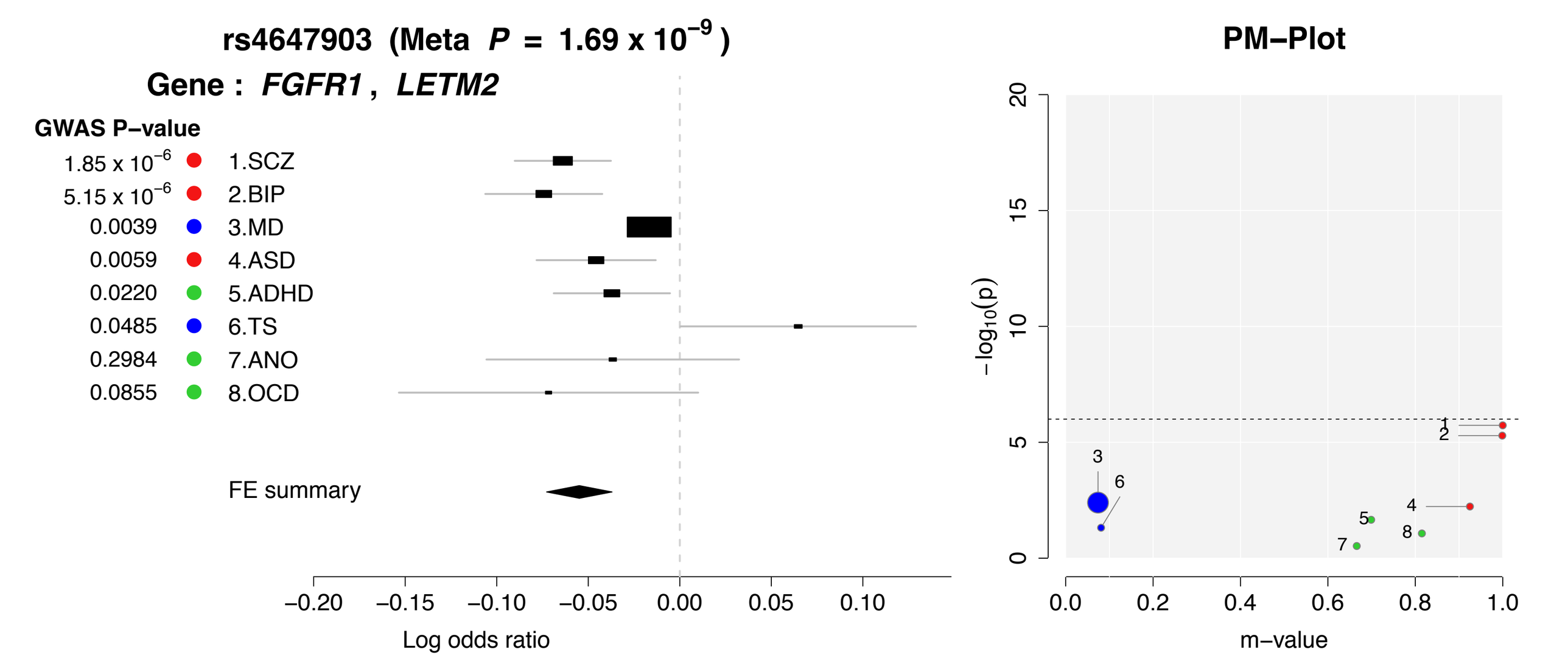

rs4391122 (Meta P = 9.6e x 10−11 )
Gene : ZSWIM6
GWAS P−value
8.28 x 10−3
0.0084
0.7234
0.0309
0.9055
0.4379
0.9264
0.9096
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.10
−0.05
0.00
0.05
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
1
2
3
4
5
6
7
8
0.0
0.2
0.4
0.6
0.8
1.0
m−value

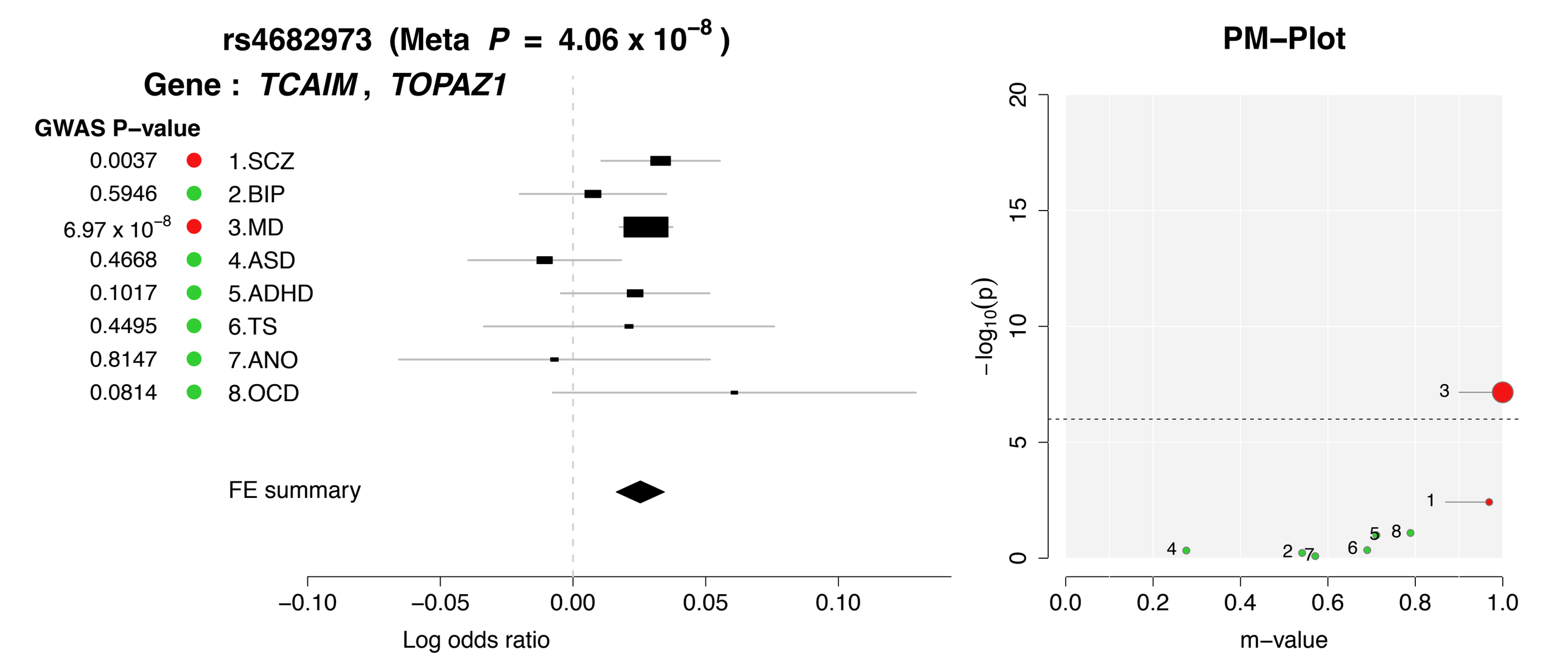

rs4481150 (Meta P = 4.79 x 10−17 )
Gene : ITIH3 , ITIH4
GWAS P−value
1.12 x 10−10
1.17 x 10−8
0.0139
0.0001
0.8474
0.0514
0.1570
0.0508
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.10
−0.05
0.00
0.05
0.10
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
1
2
3
4
5
6
7
8
0.0
0.2
0.4
0.6
0.8
1.0
m−value

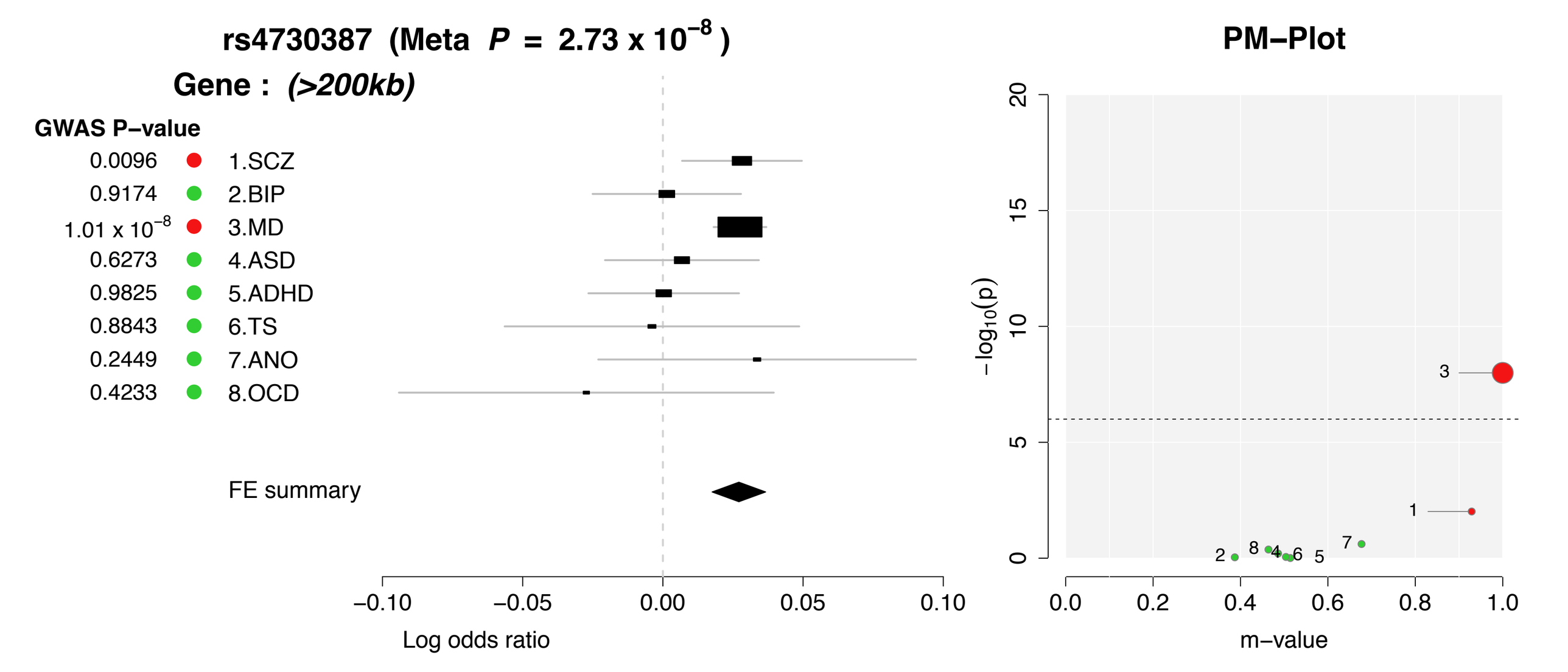

rs4495234 (Meta P = 3.74 x 10−8)
Gene : PPP2R2B
GWAS P−value
8.77 x 10−6
9.39 x 10−5
0.4893
0.0432
0.2198
0.0142
0.3499
0.0291
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.05
0.00
0.05
0.10
0.15
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value

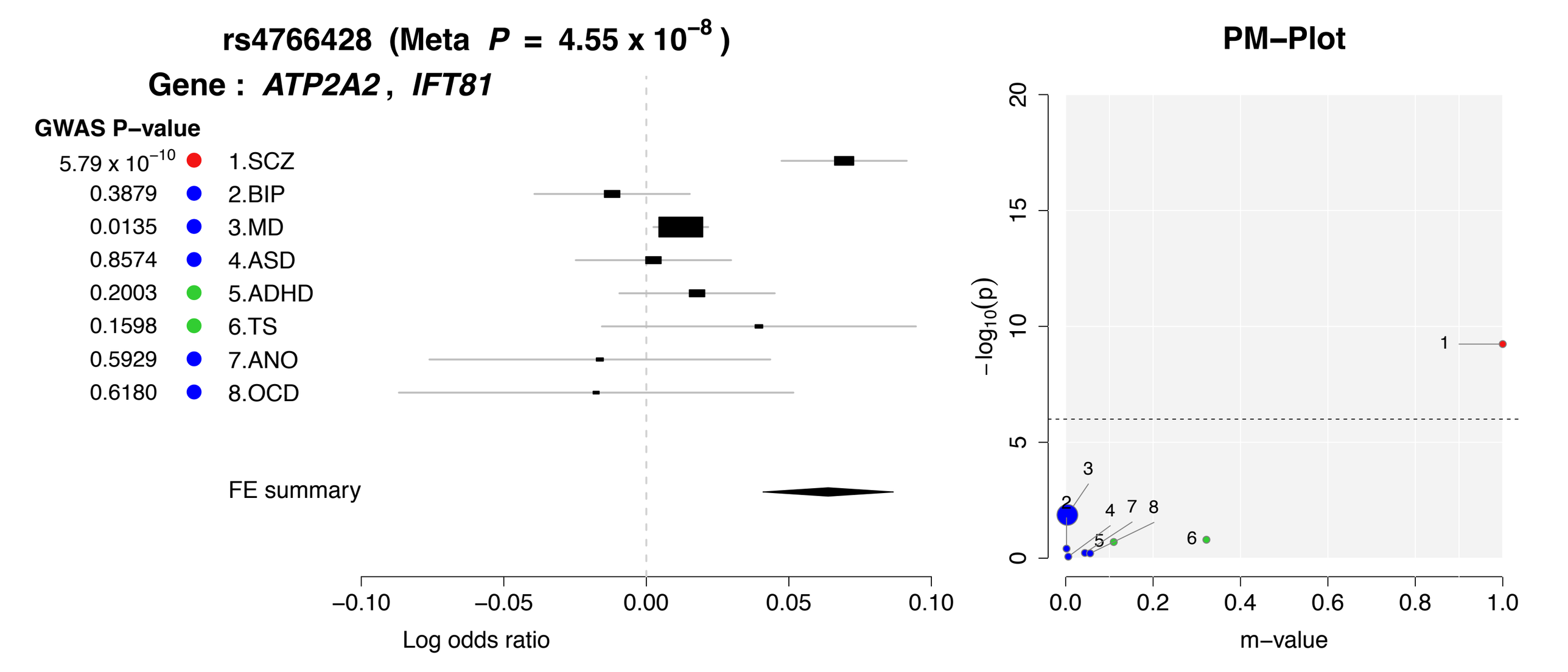

rs4526442 (Meta P = 4.1e x 10−8)
Gene : ZCCHC7
GWAS P−value
0.4531 1.SCZ
0.0006 2.BIP
7.03 x 10−8 3.MD
0.1350 4.ASD
0.3091 5.ADHD
0.1914 6.TS
0.8222 7.ANO
0.6938 8.OCD
FE summary
−0.10 −0.05 0.00 0.05 0.10
Log odds ratio
PM−Plot
−log10(p)
0 5 10 15 20
1 2 3 4 5 6 7 8
0.0 0.2 0.4 0.6 0.8 1.0
m−value

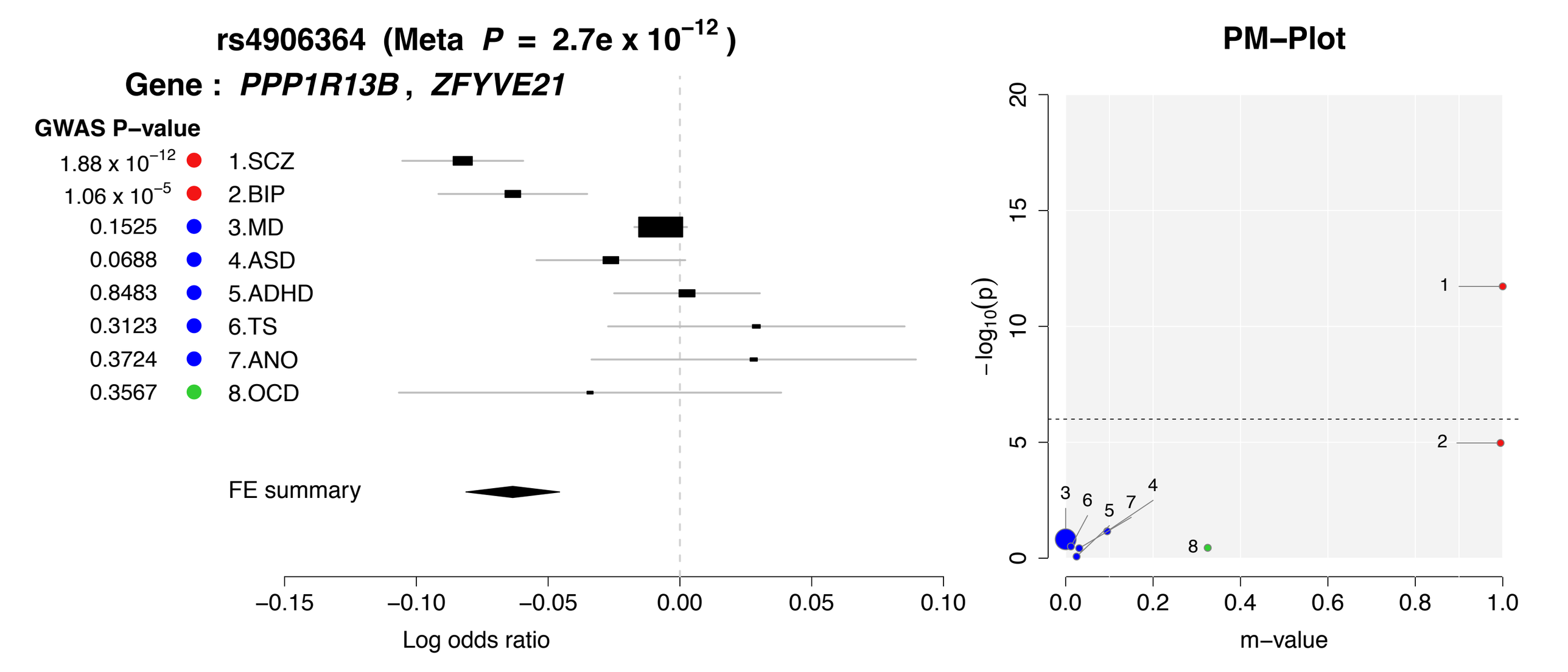

rs4619651 (Meta P = 1.47 x 10−9)
Gene : LMAN2L , CNNM4
GWAS P−value
1.50 x 10−6 1.SCZ
5.21 x 10−9 2.BIP
0.2044 3.MD
0.0751 4.ASD
0.3631 5.ADHD
0.6916 6.TS
0.5237 7.ANO
0.9802 8.OCD
FE summary
−0.15
−0.10
−0.05
0.00
0.05
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value
1
2
3
4
5
6
7
8

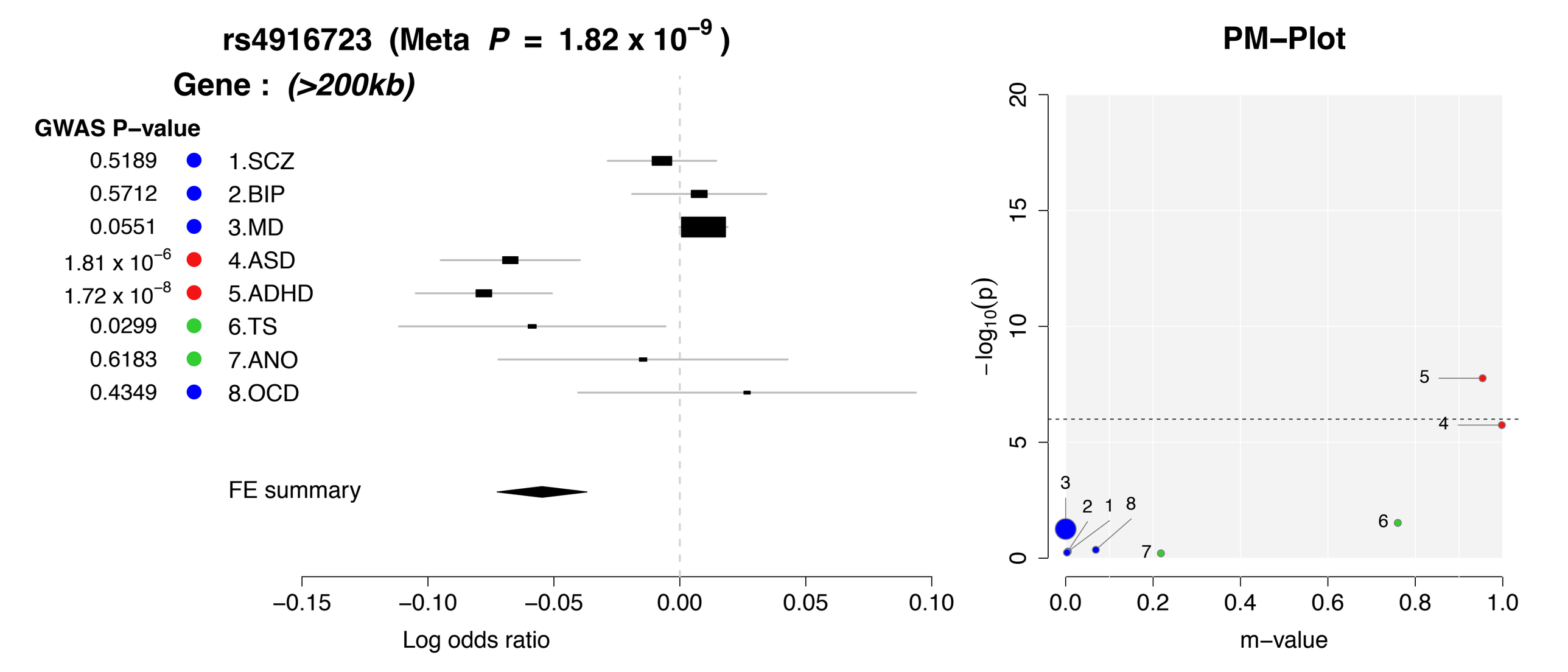

rs4647903 (Meta P = 1.69 x 10−9)
Gene : FGFR1 , LETM2
GWAS P−value
1.85 x 10−6
5.15 x 10−6
0.0039
0.0059
0.0220
0.0485
0.2984
0.0855
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.20
−0.15
−0.10
−0.05
0.00
0.05
0.10
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value
1
2
3
4
5
6
7
8

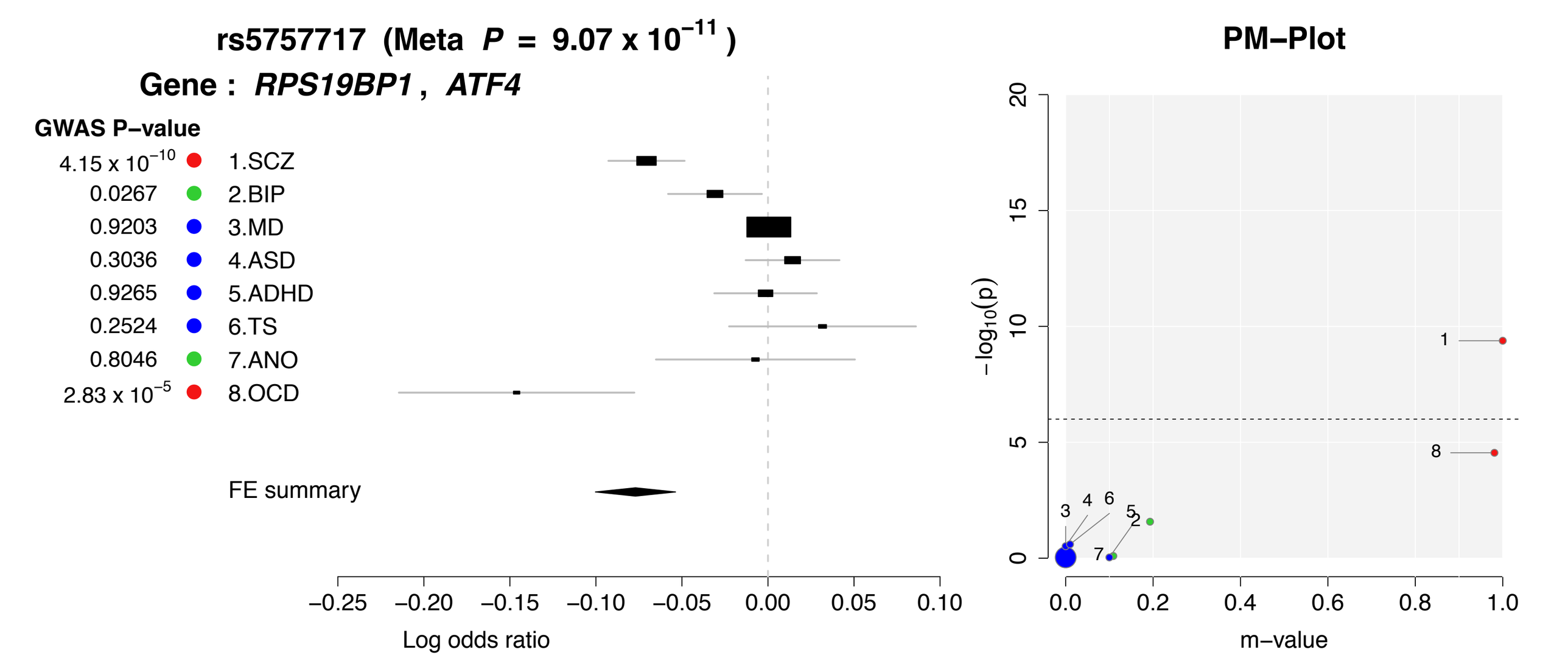

rs4682973 (Meta P = 4.06 x 10−8)
Gene : TCAIM, TOPAZ1
GWAS P−value
0.0037 1.SCZ
0.5946 2.BIP
6.97 x 10−8 3.MD
0.4668 4.ASD
0.1017 5.ADHD
0.4495 6.TS
0.8147 7.ANO
0.0814 8.OCD
FE summary
−0.10
−0.05
0.00
0.05
0.10
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
3
1
5
8
4
2
7
6
0.0
0.2
0.4
0.6
0.8
1.0
m−value

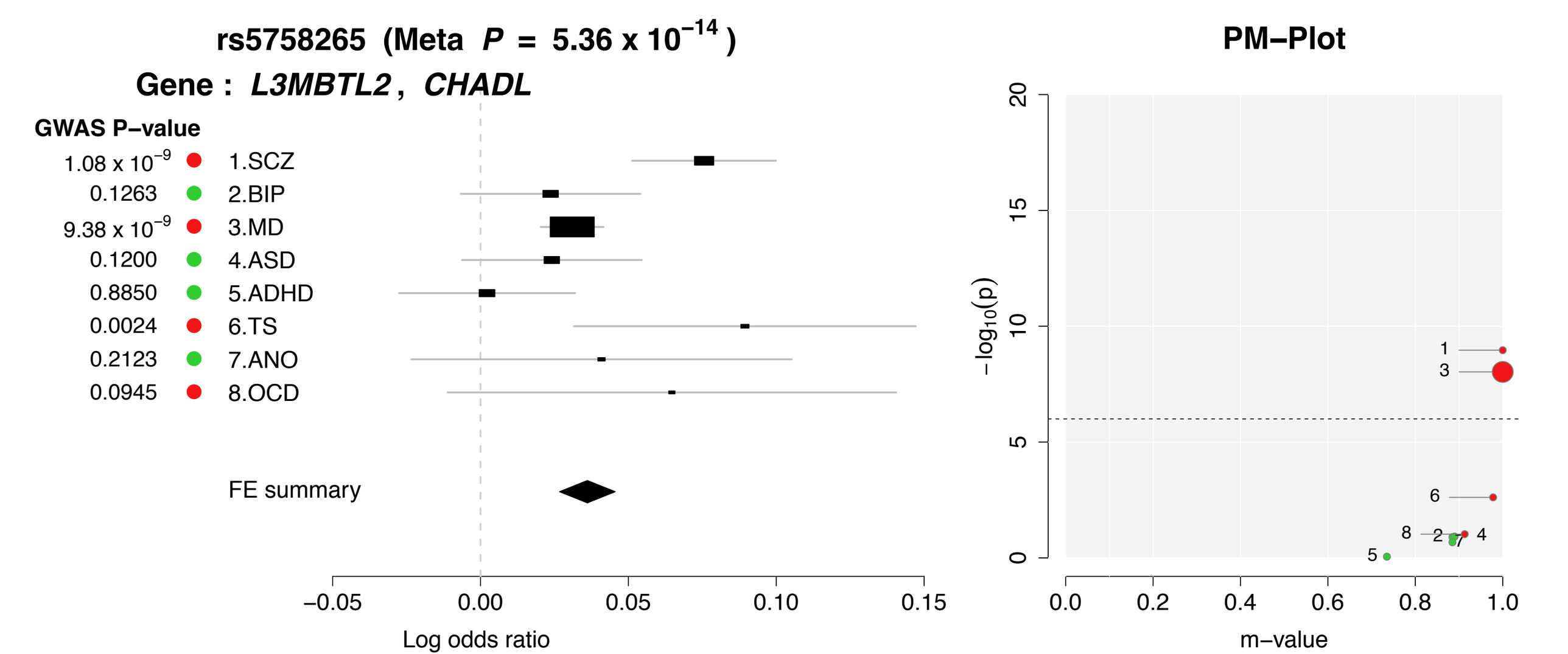

rs4730387 (Meta P = 2.73 x 10−8)
Gene : (>200kb)
GWAS P−value
0.0096 1.SCZ
0.9174 2.BIP
1.01 x 10−8 3.MD
0.6273 4.ASD
0.9825 5.ADHD
0.8843 6.TS
0.2449 7.ANO
0.4233 8.OCD
FE summary
−0.10 −0.05 0.00 0.05 0.10
Log odds ratio
PM−Plot
−log10(p)
0 5 10 15 20
3
1
2 8 4 6 5 7
0.0 0.2 0.4 0.6 0.8 1.0
m−value

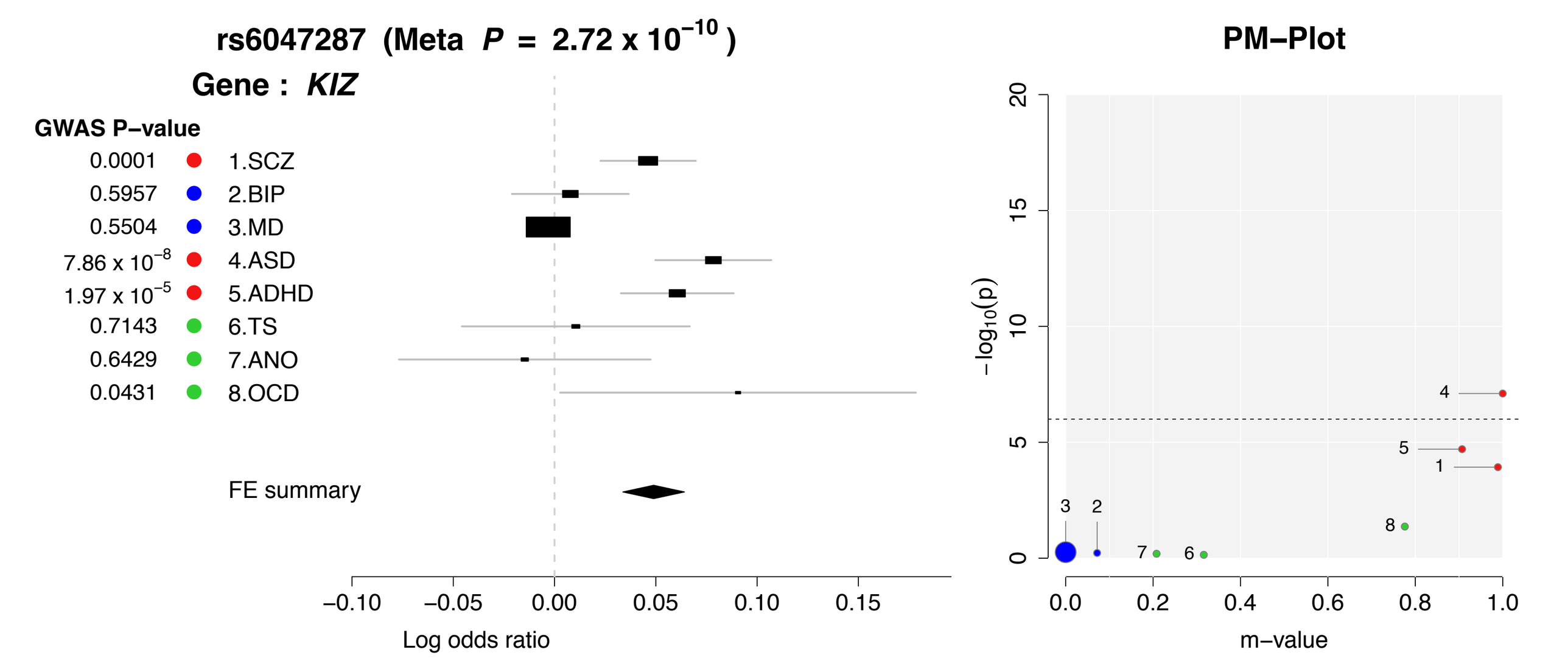

rs4766428 (Meta P = 4.55 x 10−8)
Gene : ATP2A2 , IFT81
GWAS P−value
5.79 x 10−10 1.SCZ
0.3879 2.BIP
0.0135 3.MD
0.8574 4.ASD
0.2003 5.ADHD
0.1598 6.TS
0.5929 7.ANO
0.6180 8.OCD
FE summary
−0.10
−0.05
0.00
0.05
0.10
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
1
2
3
4
5
6
7
8
0.0
0.2
0.4
0.6
0.8
1.0
m−value

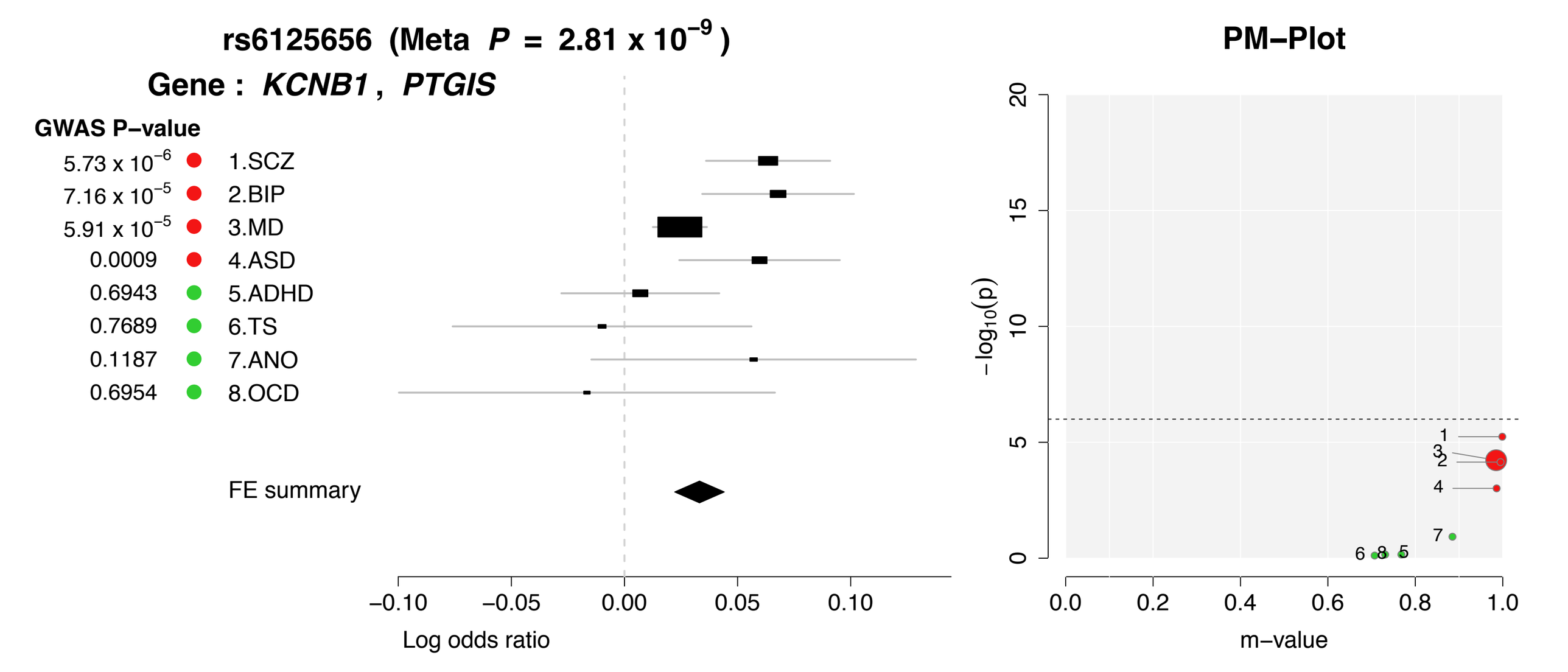

rs4906364 (Meta P = 2.7e x 10−12)
Gene : PPP1R13B , ZFYVE21
GWAS P−value
1.88 x 10−12
1.06 x 10−5
0.1525
0.0688
0.8483
0.3123
0.3724
0.3567
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.15
−0.10
−0.05
0.00
0.05
0.10
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
1
2
3
4
5
6
7
8
0.0
0.2
0.4
0.6
0.8
1.0
m−value

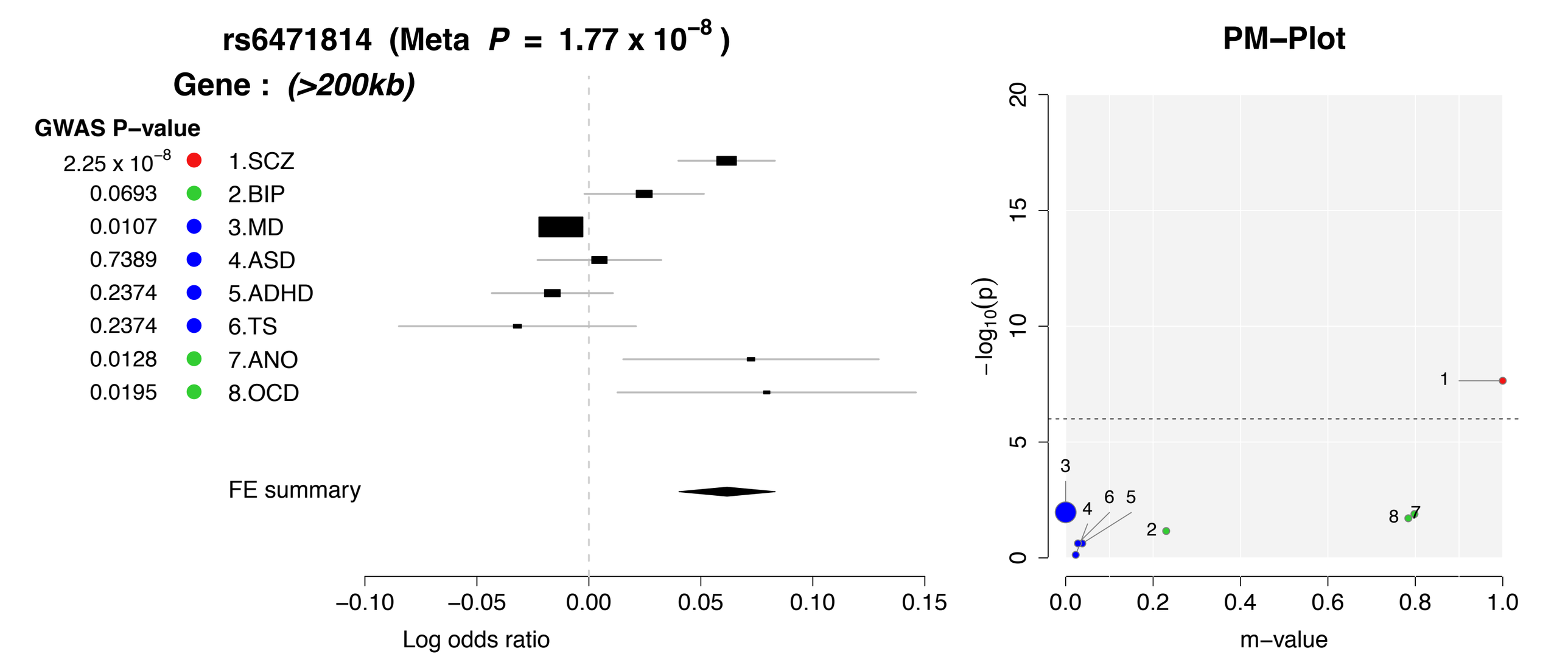

rs4916723 (Meta P = 1.82 x 10−9 )
Gene : (>200kb)
GWAS P−value
0.5189
0.5712
0.0551
1.81 x 10−6
1.72 x 10−8
0.0299
0.6183
0.4349
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.15
−0.10
−0.05
0.00
0.05
0.10
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value
1
2
3
4
5
6
7
8

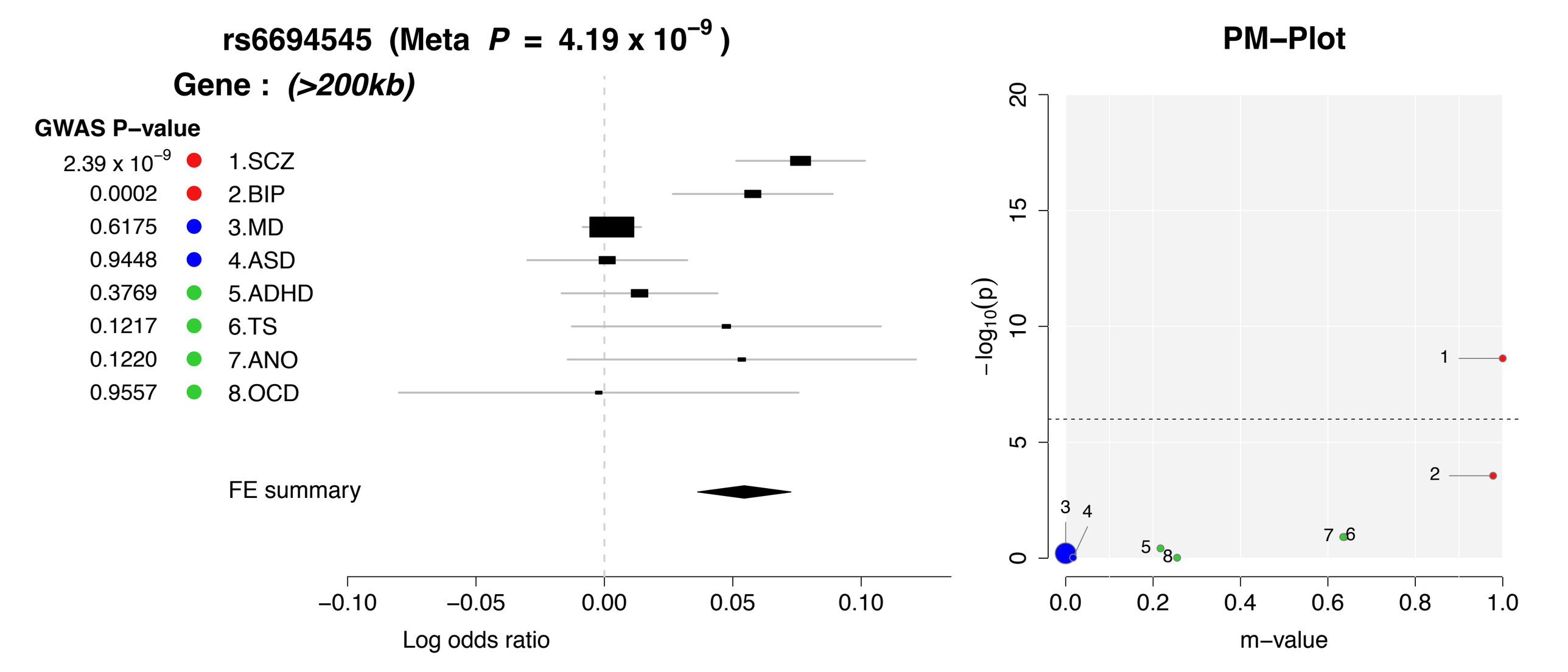

rs5757717 (Meta P = 9.07 x 10−11 )
Gene : RPS19BP1 , ATF4
GWAS P−value
4.15 x 10−10 1.SCZ
0.0267 2.BIP
0.9203 3.MD
0.3036 4.ASD
0.9265 5.ADHD
0.2524 6.TS
0.8046 7.ANO
2.83 x 10−5 8.OCD
FE summary
−0.25 −0.20 −0.15 −0.10 −0.05 0.00 0.05 0.10
Log odds ratio
PM−Plot
−log10(p)
0 5 10 15 20
1
8
3 4 6 5 2 7
0.0 0.2 0.4 0.6 0.8 1.0
m−value

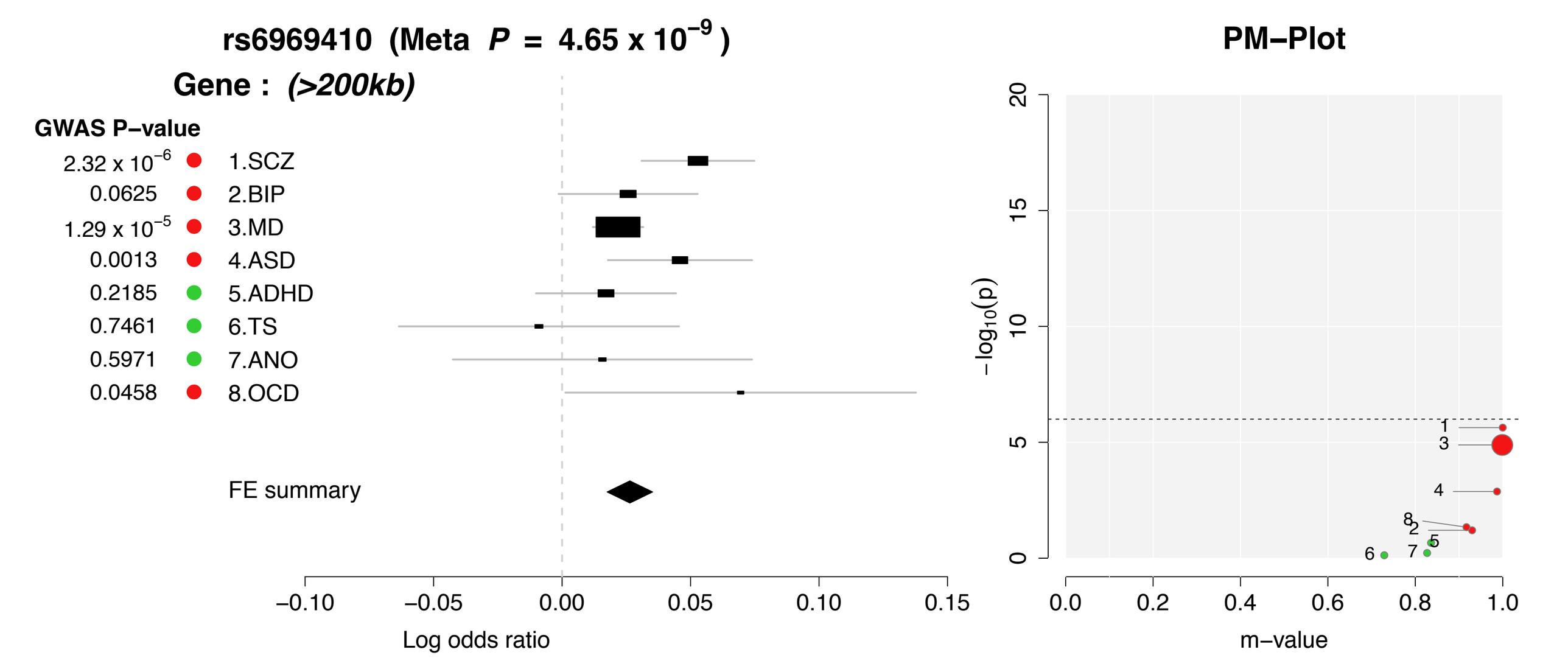

rs5758265 (Meta P = 5.36 x 10−14)
Gene : L3MBTL2 , CHADL
GWAS P–value
1.08 x 10−9
1.SCZ
0.1263
2.BIP
9.38 x 10−9
3.MD
0.1200
4.ASD
0.8850
5.ADHD
0.0024
6.TS
0.2123
7.ANO
0.0945
8.OCD
FE summary
−0.05
0.00
0.05
0.10
0.15
Log odds ratio
PM–Plot
−log10(p)
0
5
10
15
20
1
3
6
8
2
7
4
5
0.0
0.2
0.4
0.6
0.8
1.0
m–value

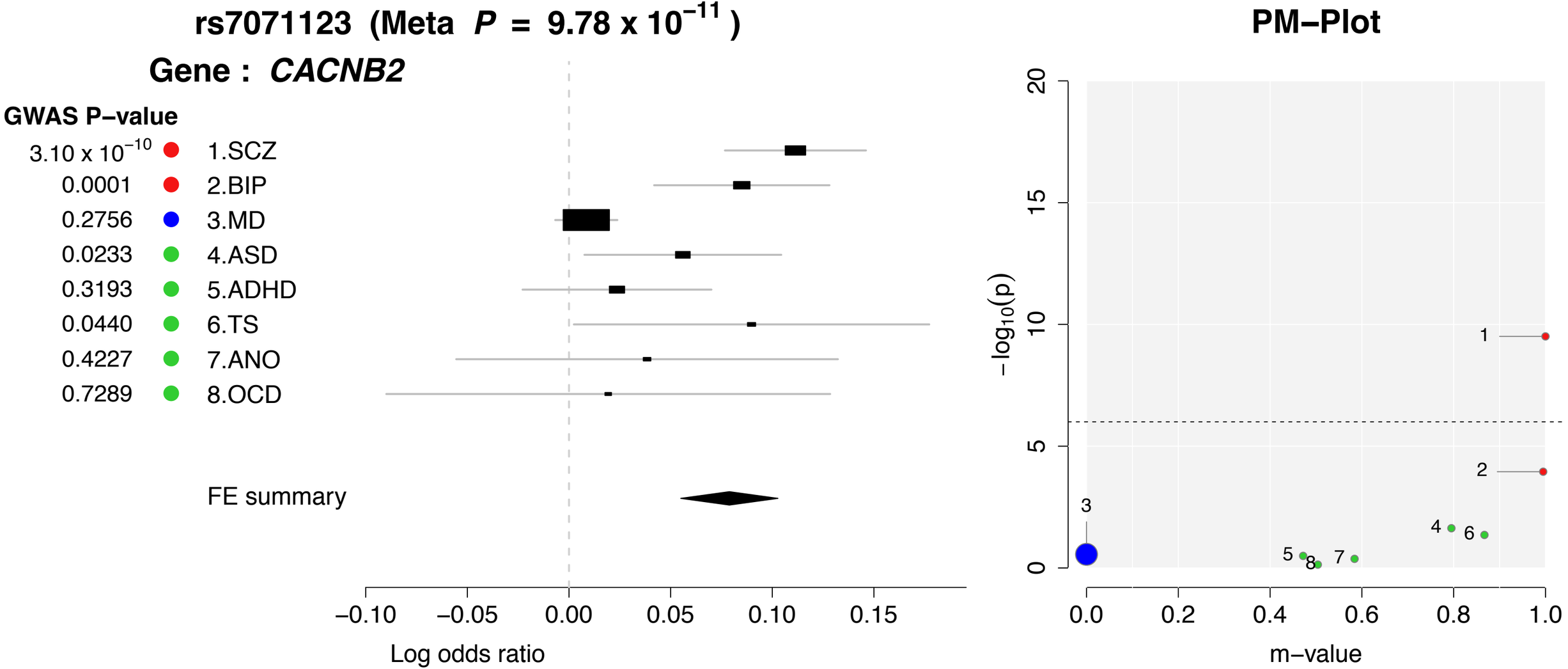

rs6047287 (Meta P = 2.72 x 10−10)
Gene : KIZ
GWAS P–value
0.0001 1.SCZ
0.5957 2.BIP
0.5504 3.MD
7.86 x 10−8 4.ASD
1.97 x 10−5 5.ADHD
0.7143 6.TS
0.6429 7.ANO
0.0431 8.OCD
FE summary
−0.10 −0.05 0.00 0.05 0.10 0.15
Log odds ratio
PM–Plot
−log10(p)
0 5 10 15 20
4 5 1 3 2 8 7 6
0.0 0.2 0.4 0.6 0.8 1.0
m–value

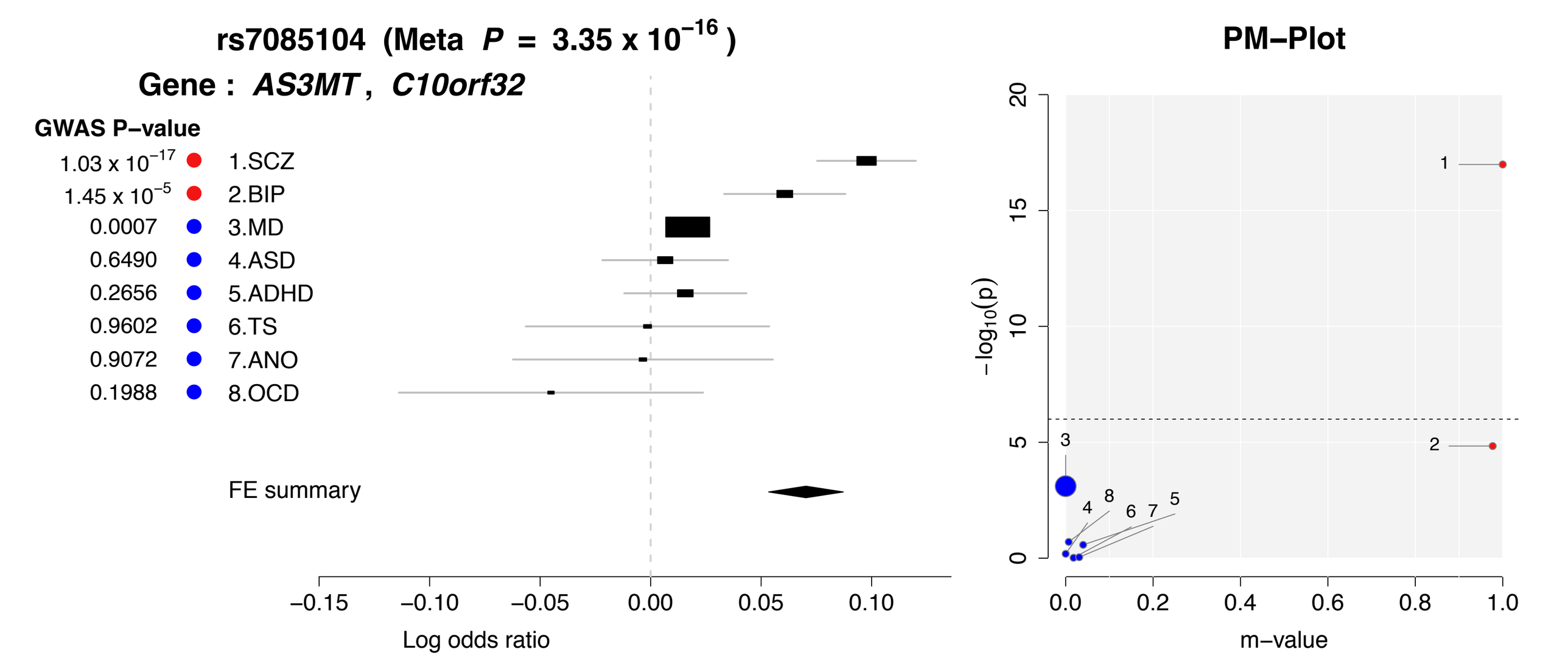

rs6125656 (Meta P = 2.81 x 10−9)
Gene : KCNB1 , PTGIS
GWAS P−value
5.73 x 10−6 1.SCZ
7.16 x 10−5 2.BIP
5.91 x 10−5 3.MD
0.0009 4.ASD
0.6943 5.ADHD
0.7689 6.TS
0.1187 7.ANO
0.6954 8.OCD
FE summary
−0.10
−0.05
0.00
0.05
0.10
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
1
3
2
4
7
6
8
5
0.0
0.2
0.4
0.6
0.8
1.0
m−value

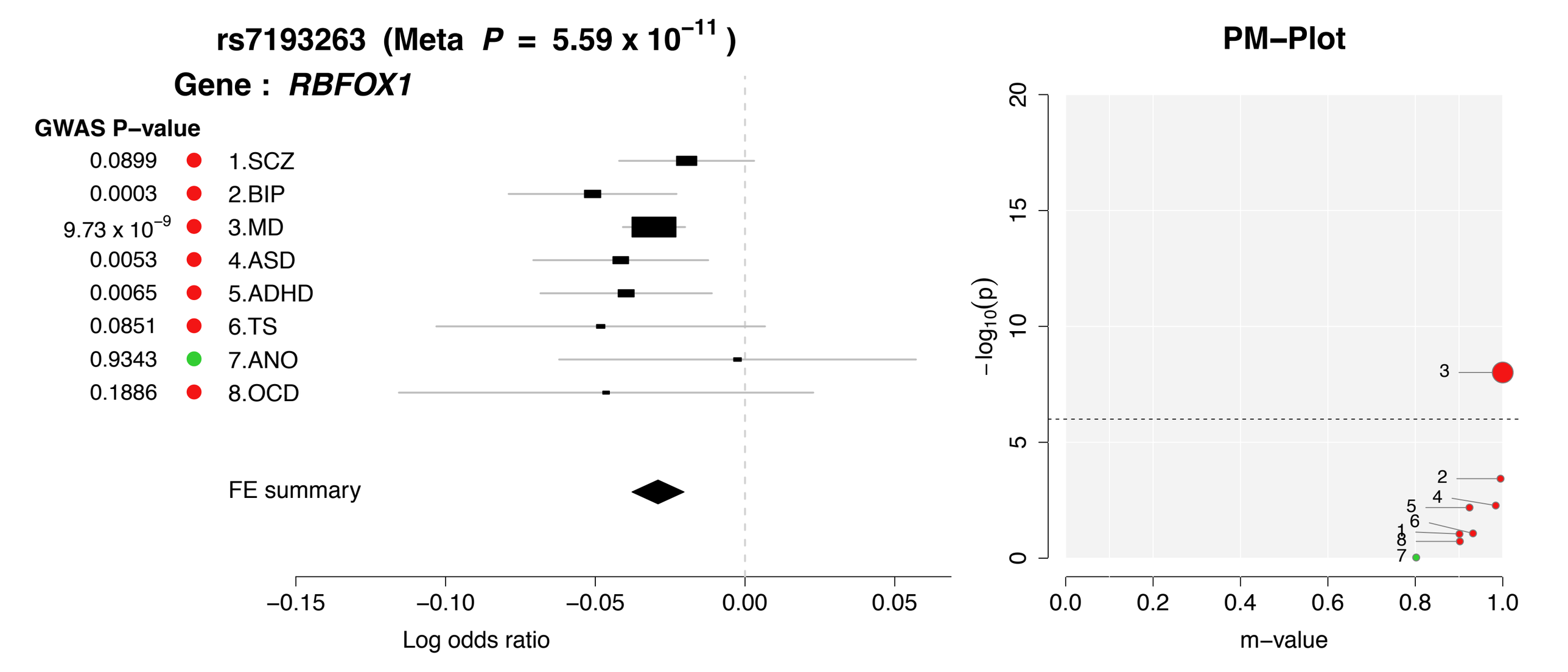

rs6471814 (Meta P = 1.77 x 10−8 )
Gene : (>200kb)
GWAS P−value
2.25 x 10−8
0.0693
0.0107
0.7389
0.2374
0.2374
0.0128
0.0195
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.10
−0.05
0.00
0.05
0.10
0.15
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value
1
2
3
4
5
6
7
8

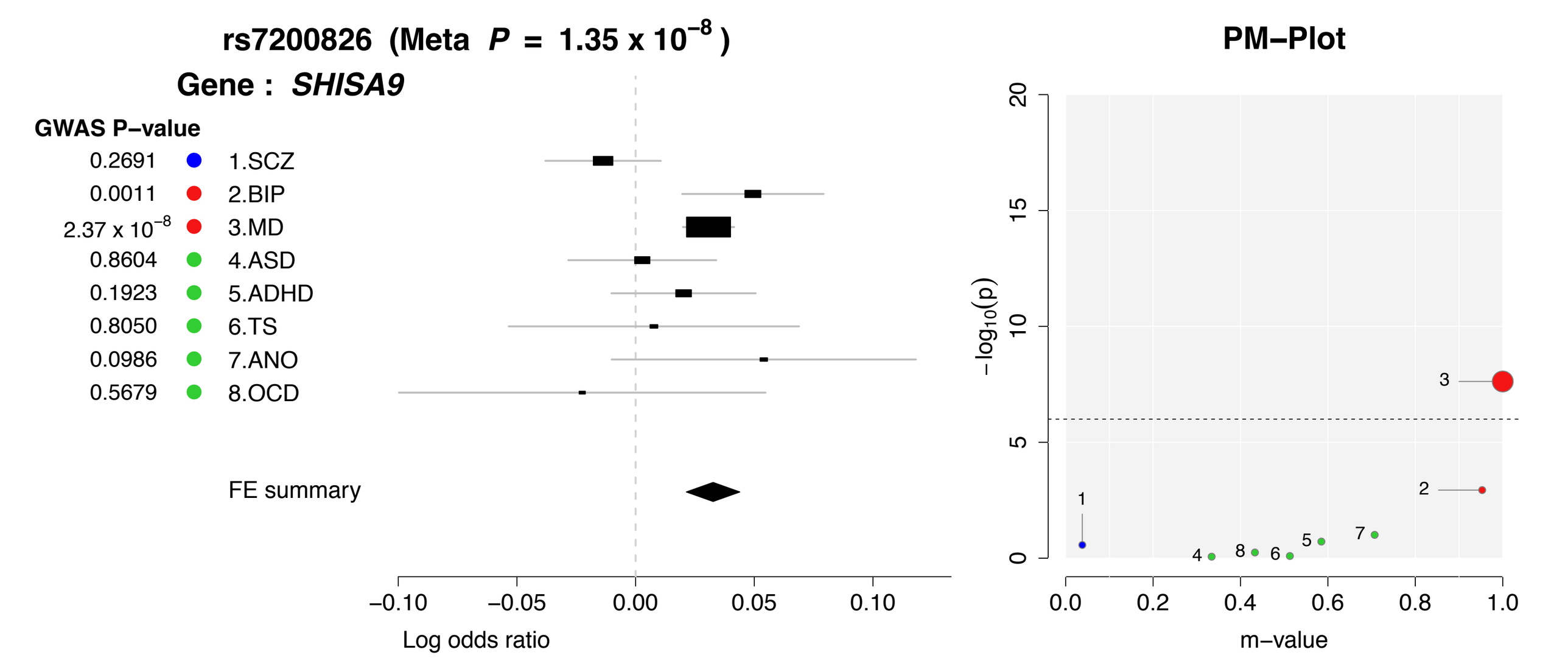

rs6694545 (Meta P = 4.19 x 10−9 )
Gene : (>200kb)
GWAS P−value
2.39 x 10−9
0.0002
0.6175
0.9448
0.3769
0.1217
0.1220
0.9557
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.10
−0.05
0.00
0.05
0.10
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value
1
2
3
4
5
6
7
8

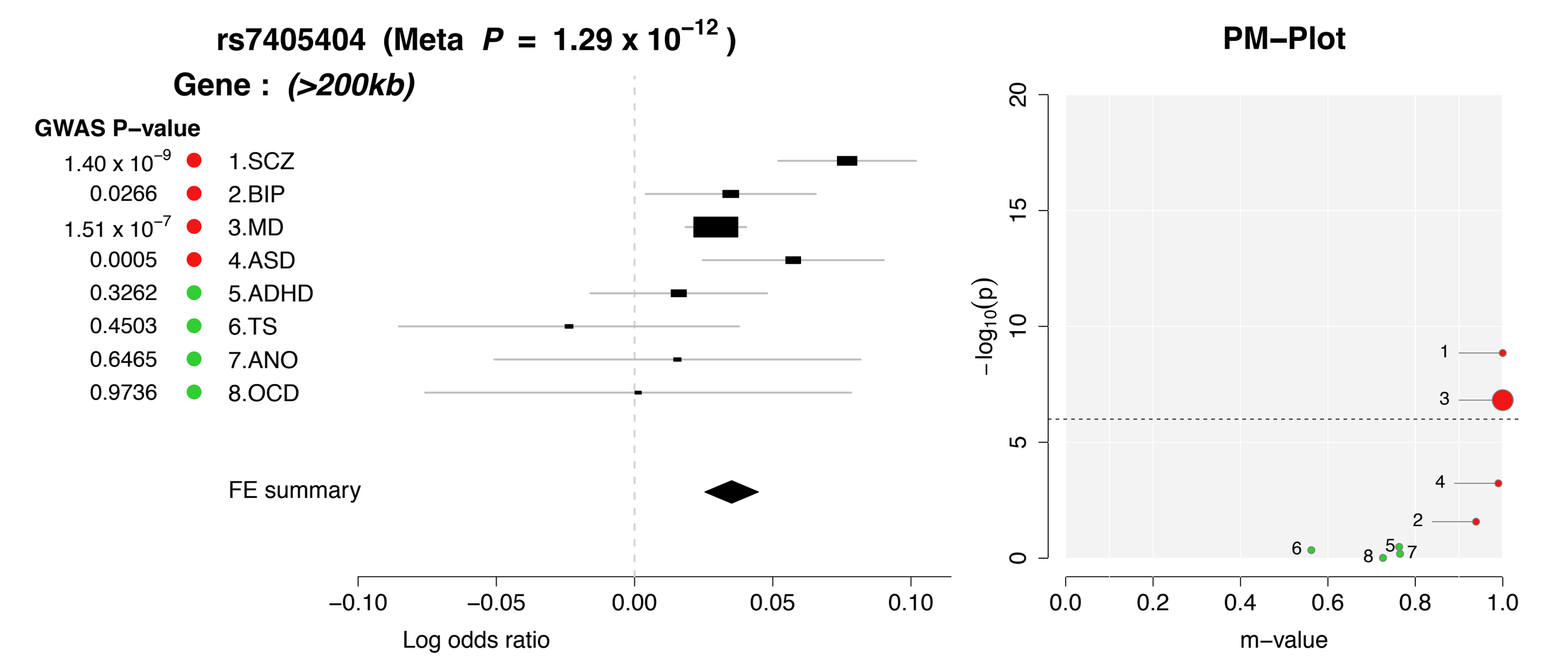

rs6969410 (Meta P = 4.65 x 10−9 )
Gene : (>200kb)
GWAS P−value
2.32 x 10−6
0.0625
1.29 x 10−5
0.0013
0.2185
0.7461
0.5971
0.0458
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.10
−0.05
0.00
0.05
0.10
0.15
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value
1
3
4
8
2
5
6
7

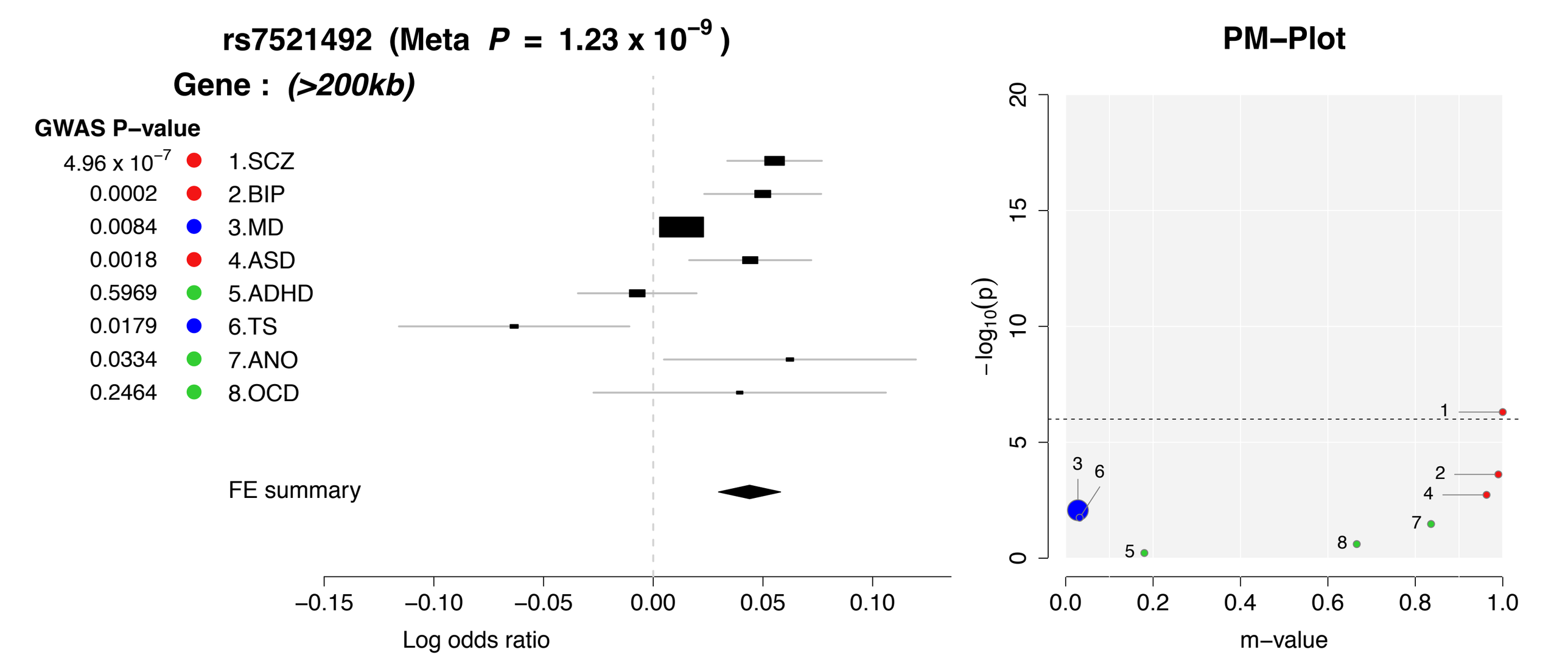

rs7071123 (Meta P = 9.78 x 10−11 )
Gene : CACNB2
GWAS P−value
3.10 x 10−10 1.SCZ
0.0001 2.BIP
0.2756 3.MD
0.0233 4.ASD
0.3193 5.ADHD
0.0440 6.TS
0.4227 7.ANO
0.7289 8.OCD
FE summary
−0.10 −0.05 0.00 0.05 0.10 0.15
Log odds ratio
PM−Plot
−log10(p)
0 5 10 15 20
0.0 0.2 0.4 0.6 0.8 1.0
m−value
1
2
3
4
5
6
7
8

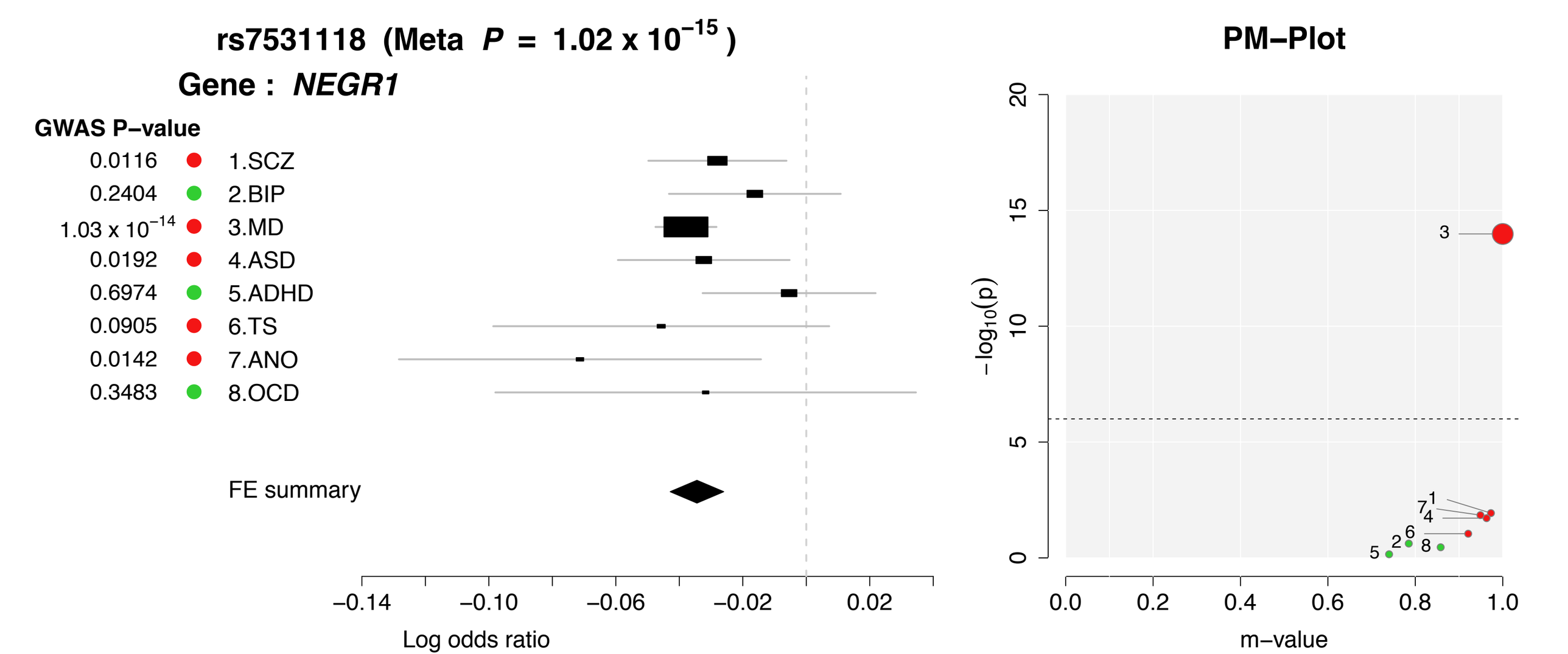

rs7085104 (Meta P = 3.35 x 10−16)
Gene : AS3MT , C10orf32
GWAS P−value
1.03 x 10−17
1.45 x 10−5
0.0007
0.6490
0.2656
0.9602
0.9072
0.1988
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.15
−0.10
−0.05
0.00
0.05
0.10
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
1
2
3
4
8
6
7
5
0.0
0.2
0.4
0.6
0.8
1.0
m−value

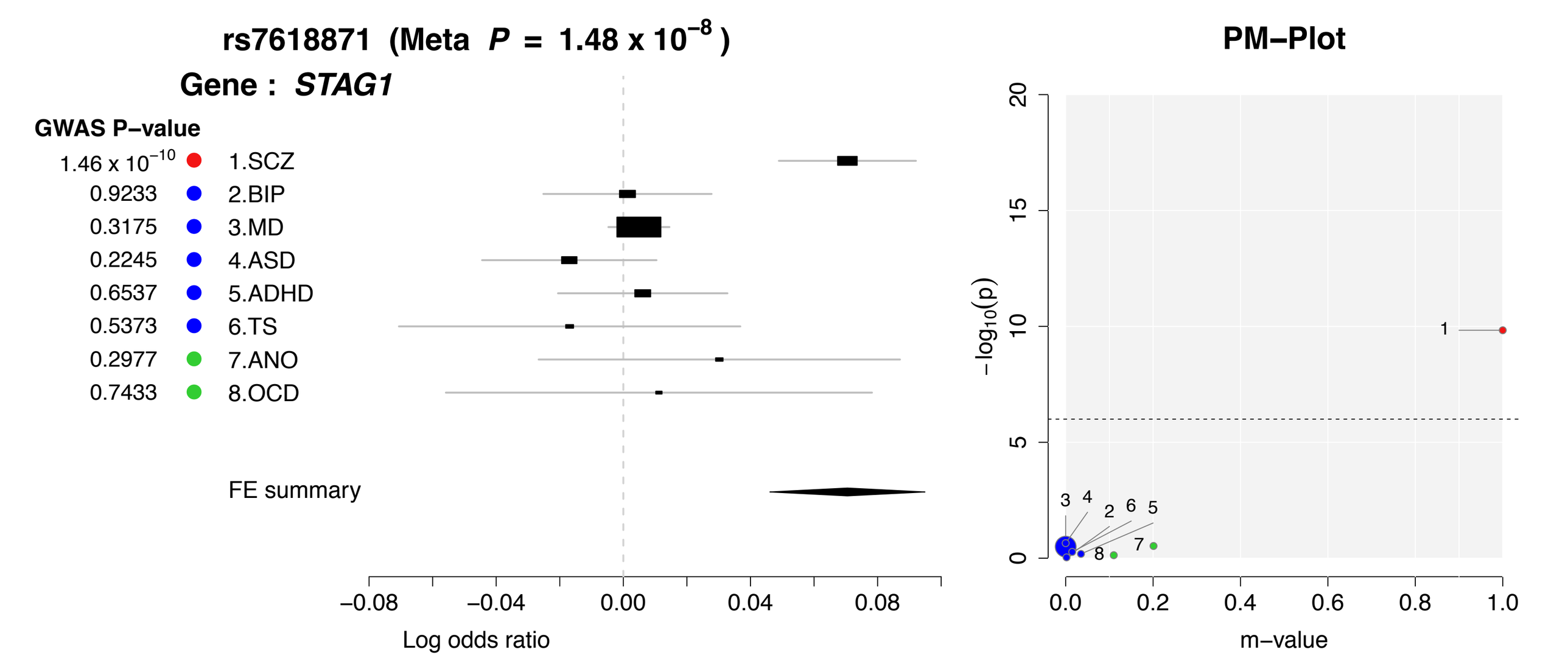

rs7193263 (Meta P = 5.59 x 10−11 )
Gene : RBFOX1
GWAS P−value
0.0899
0.0003
9.73 x 10−9
0.0053
0.0065
0.0851
0.9343
0.1886
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.15
−0.10
−0.05
0.00
0.05
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value
3
2
4
5
6
1
8
7

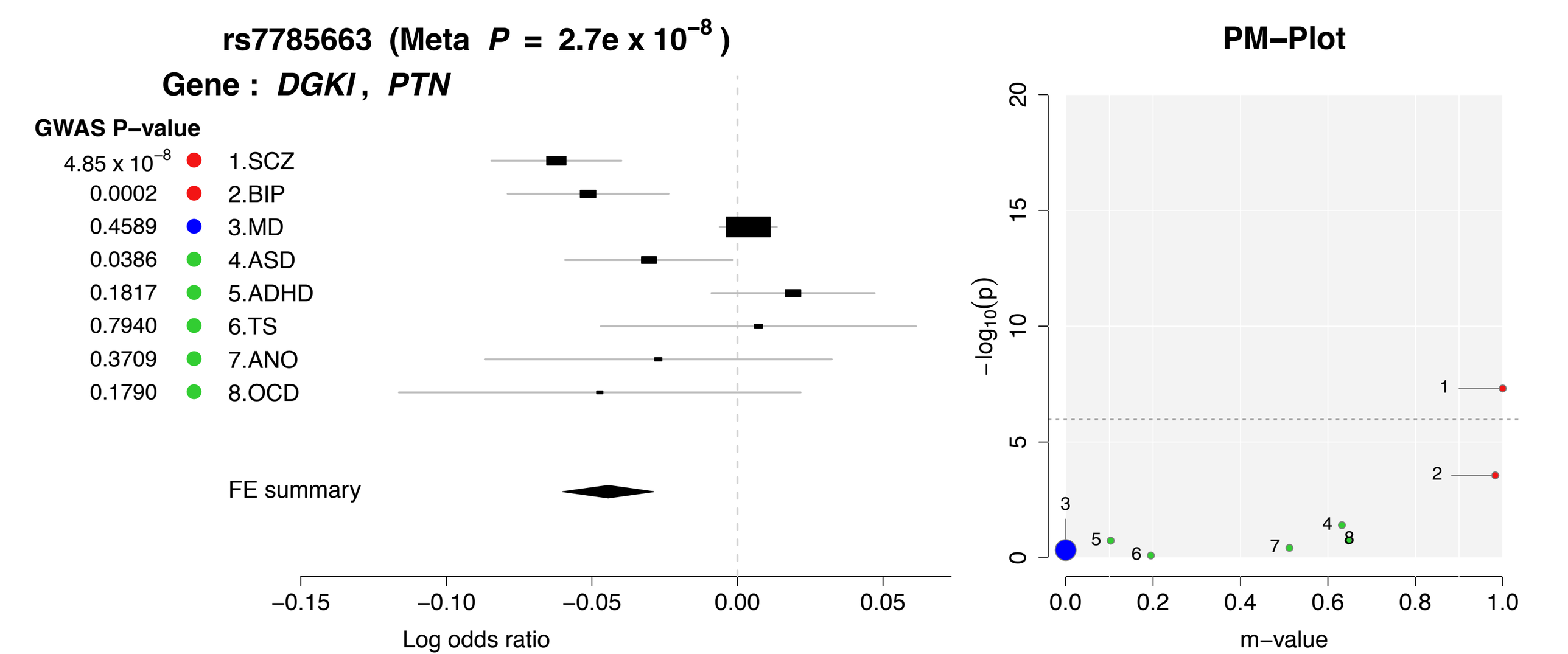

rs7200826 (Meta P = 1.35 x 10−8 )
Gene : SHISA9
GWAS P−value
0.2691 1.SCZ
0.0011 2.BIP
2.37 x 10−8 3.MD
0.8604 4.ASD
0.1923 5.ADHD
0.8050 6.TS
0.0986 7.ANO
0.5679 8.OCD
FE summary
−0.10
−0.05
0.00
0.05
0.10
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
1
2
3
4
5
6
7
8
0.0
0.2
0.4
0.6
0.8
1.0
m−value

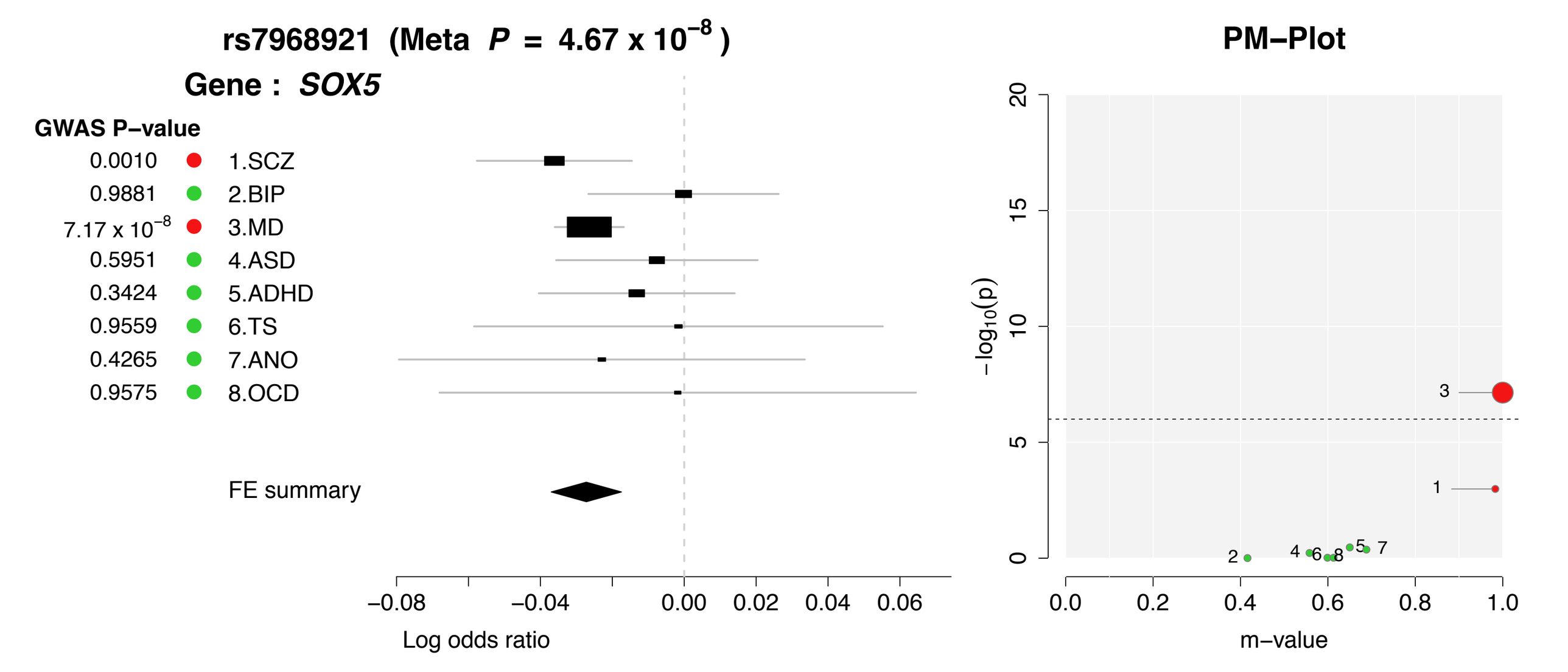

rs7405404 (Meta P = 1.29 x 10−12 )
Gene : (>200kb)
GWAS P−value
1.40 x 10−9
0.0266
1.51 x 10−7
0.0005
0.3262
0.4503
0.6465
0.9736
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.10
−0.05
0.00
0.05
0.10
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value
1
3
4
2
6
5
8
7

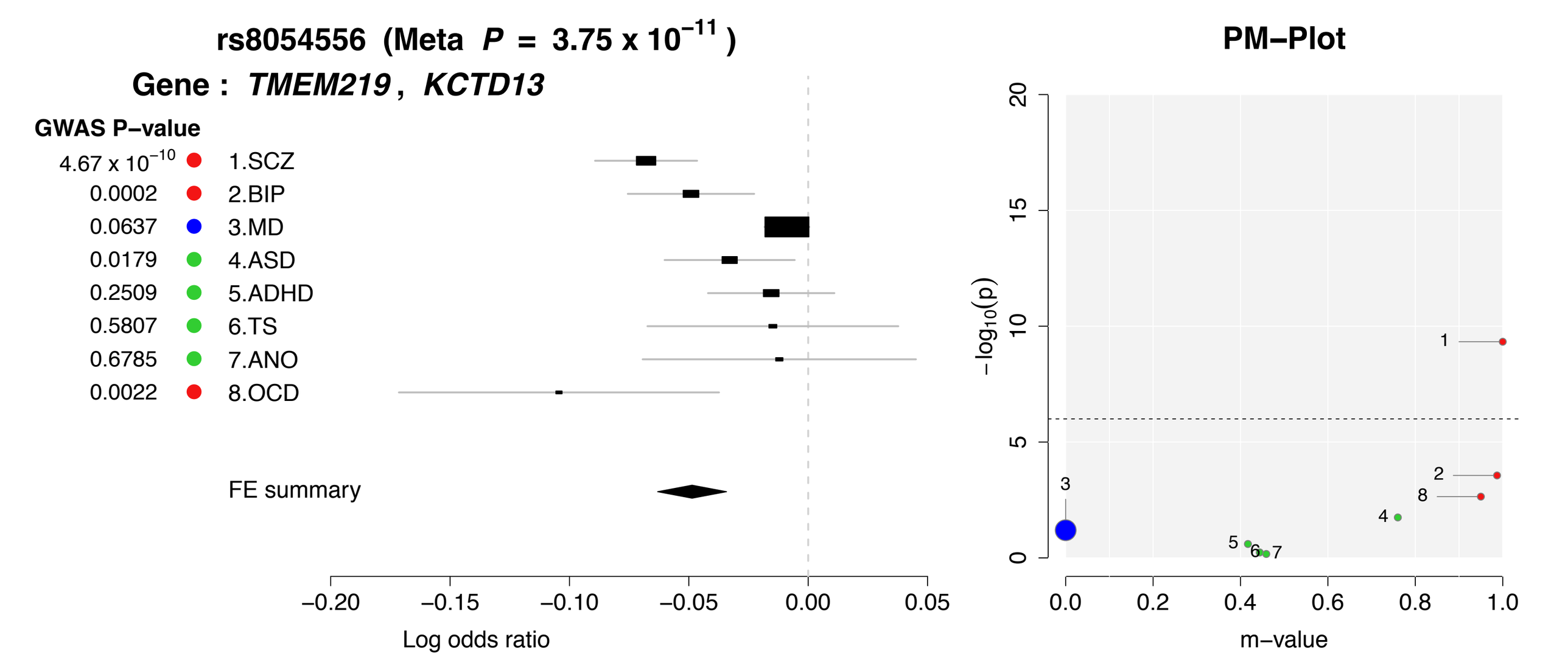

rs7521492 (Meta P = 1.23 x 10−9 )
Gene : (>200kb)
GWAS P−value
4.96 x 10−7 1.SCZ
0.0002 2.BIP
0.0084 3.MD
0.0018 4.ASD
0.5969 5.ADHD
0.0179 6.TS
0.0334 7.ANO
0.2464 8.OCD
FE summary
−0.15 −0.10 −0.05 0.00 0.05 0.10
Log odds ratio
PM−Plot
−log10(p)
0 5 10 15 20
1 2 3 4 5 6 7 8
0.0 0.2 0.4 0.6 0.8 1.0
m−value

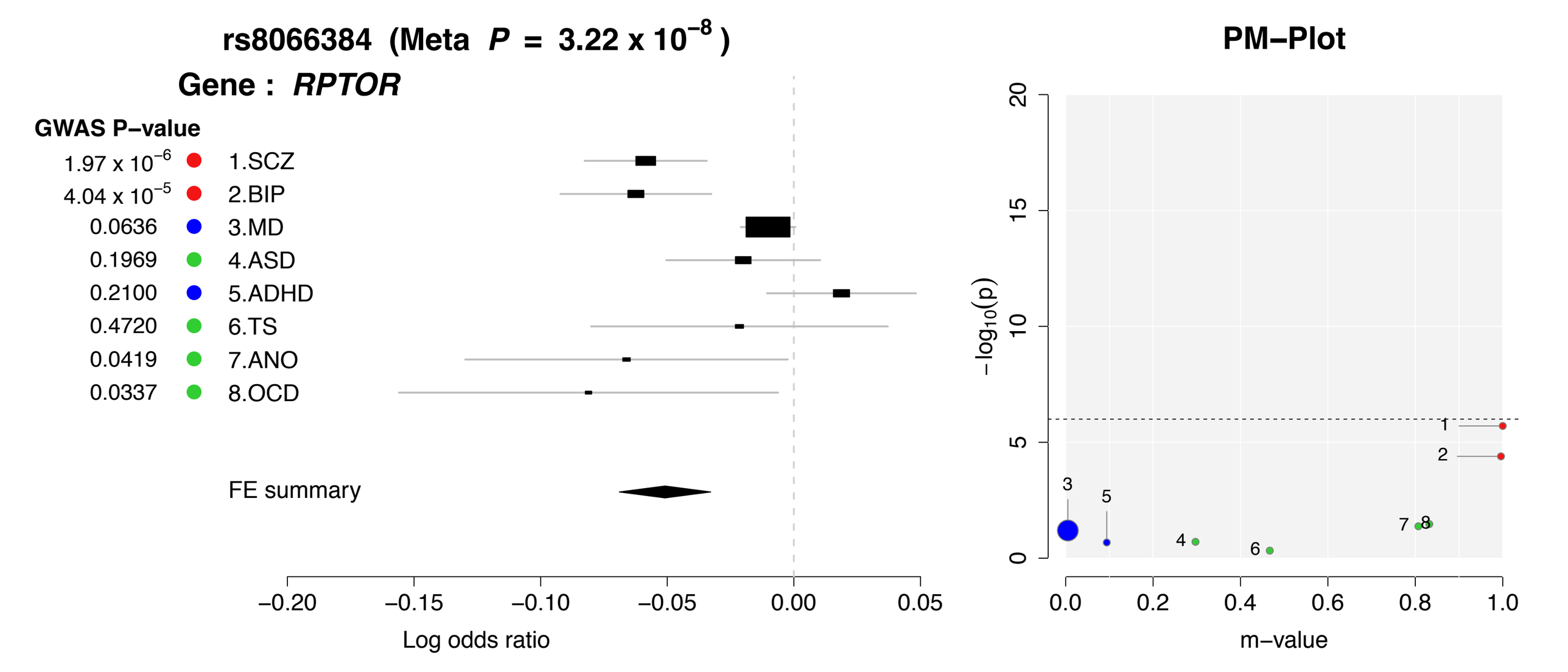

rs7531118 (Meta P = 1.02 x 10−15)
Gene : NEGR1
GWAS P−value
0.0116 1.SCZ
0.2404 2.BIP
1.03 x 10−14 3.MD
0.0192 4.ASD
0.6974 5.ADHD
0.0905 6.TS
0.0142 7.ANO
0.3483 8.OCD
FE summary
−0.14
−0.10
−0.06
−0.02
0.02
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
3
1
7
4
6
2
8
5
0.0
0.2
0.4
0.6
0.8
1.0
m−value

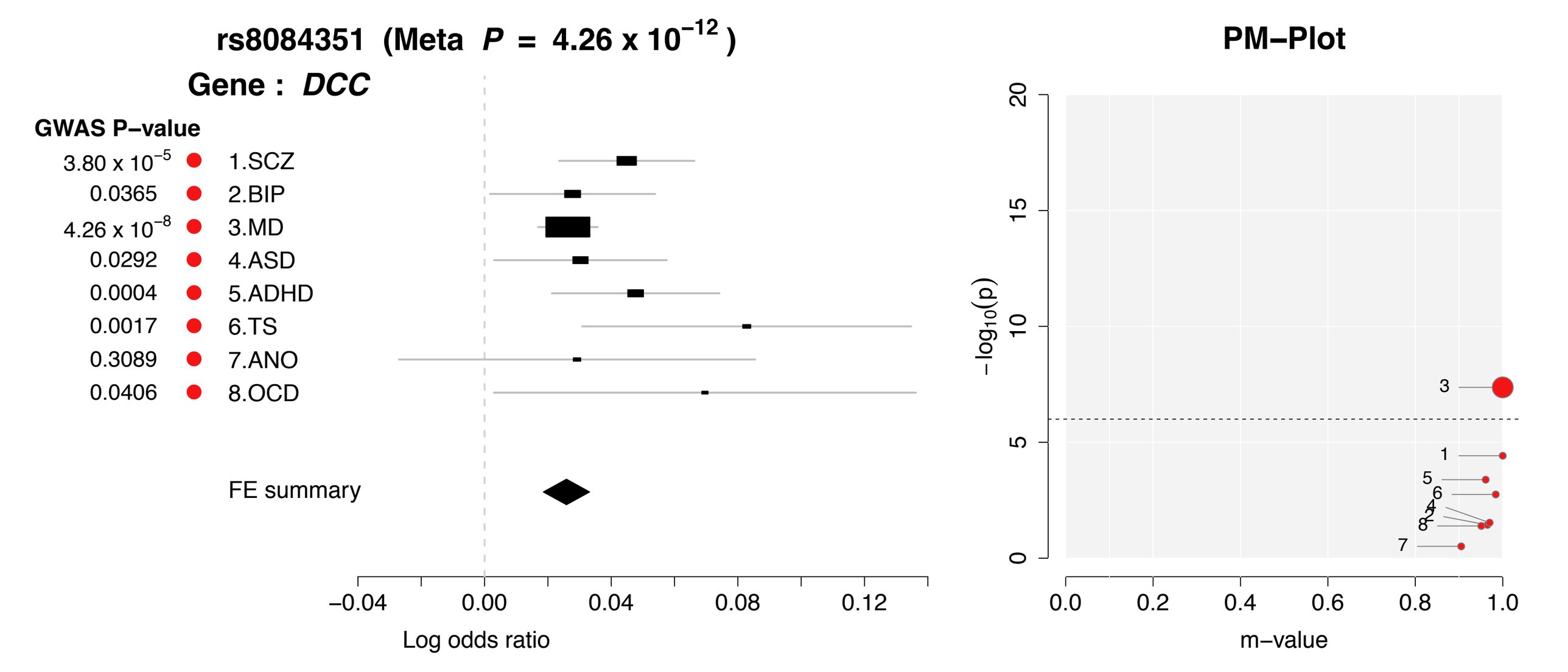

rs7618871 (Meta P = 1.48 x 10−8)
Gene : STAG1
GWAS P−value
1.46 x 10−10 1.SCZ
0.9233 2.BIP
0.3175 3.MD
0.2245 4.ASD
0.6537 5.ADHD
0.5373 6.TS
0.2977 7.ANO
0.7433 8.OCD
FE summary
−0.08
−0.04
0.00
0.04
0.08
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
1
3
4
2
6
5
7
8
0.0
0.2
0.4
0.6
0.8
1.0
m−value

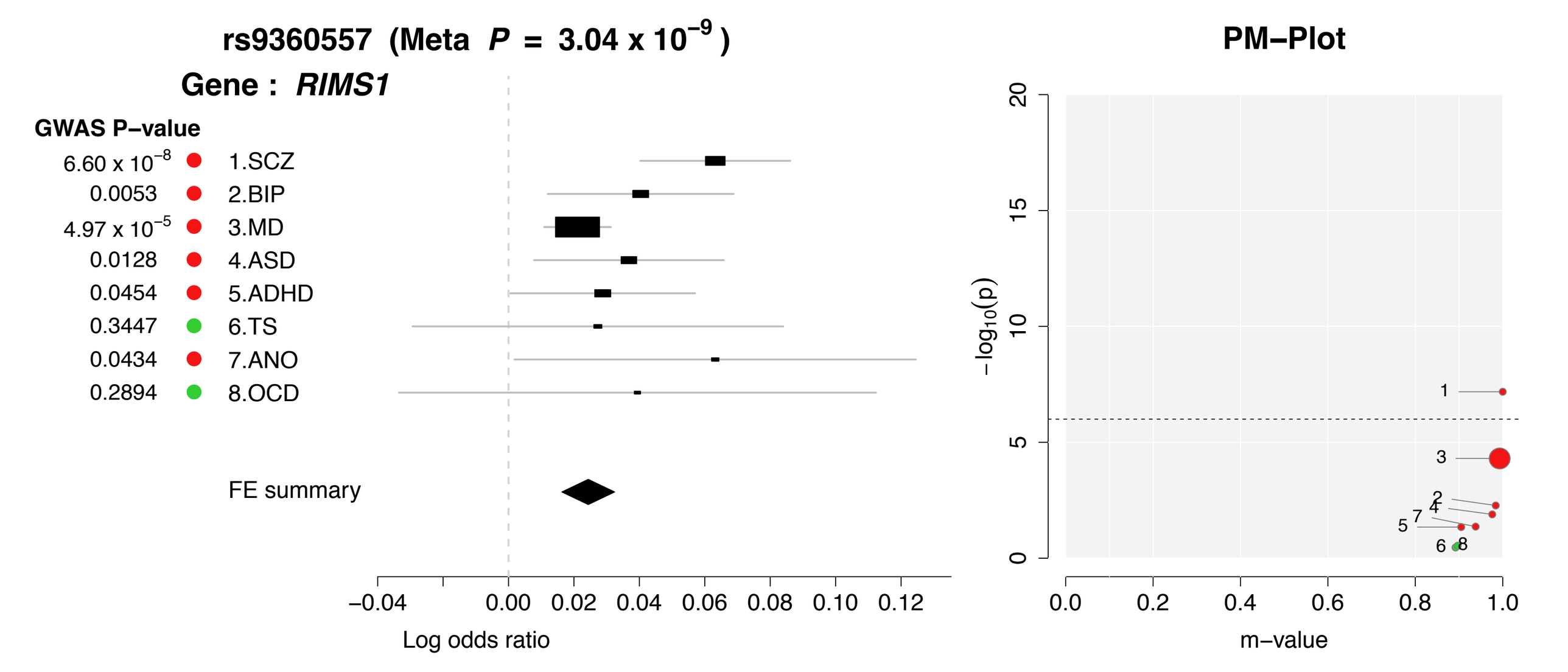

rs7785663 (Meta P = 2.7e x 10−8)
Gene : DGKI, PTN
GWAS P−value
4.85 x 10−8
0.0002
0.4589
0.0386
0.1817
0.7940
0.3709
0.1790
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.15
−0.10
−0.05
0.00
0.05
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value

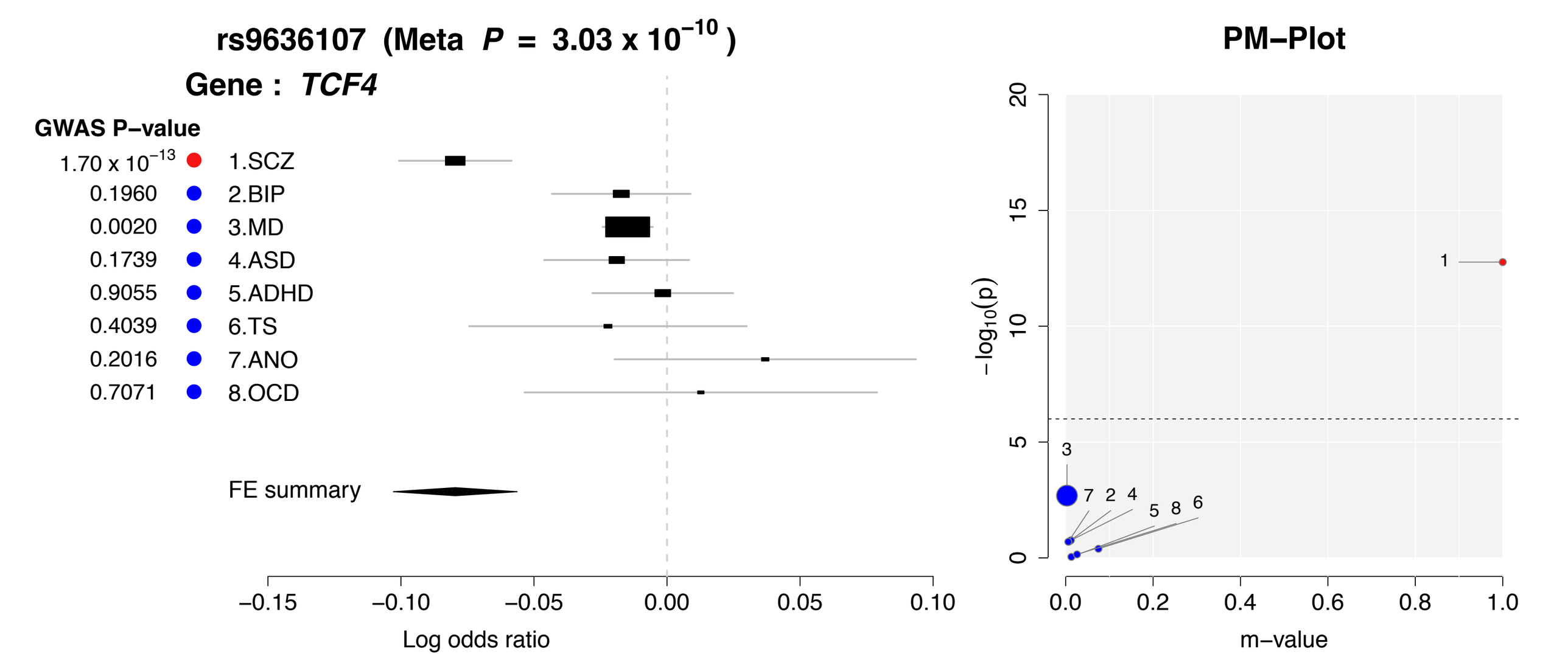

rs7968921 (Meta P = 4.67 x 10−8)
Gene : SOX5
GWAS P−value
0.0010 1.SCZ
0.9881 2.BIP
7.17 x 10−8 3.MD
0.5951 4.ASD
0.3424 5.ADHD
0.9559 6.TS
0.4265 7.ANO
0.9575 8.OCD
FE summary
−0.08 −0.04 0.00 0.02 0.04 0.06
Log odds ratio
PM−Plot
−log10(p)
0 5 10 15 20
3
1
2 4 6 8 5 7
0.0 0.2 0.4 0.6 0.8 1.0
m−value

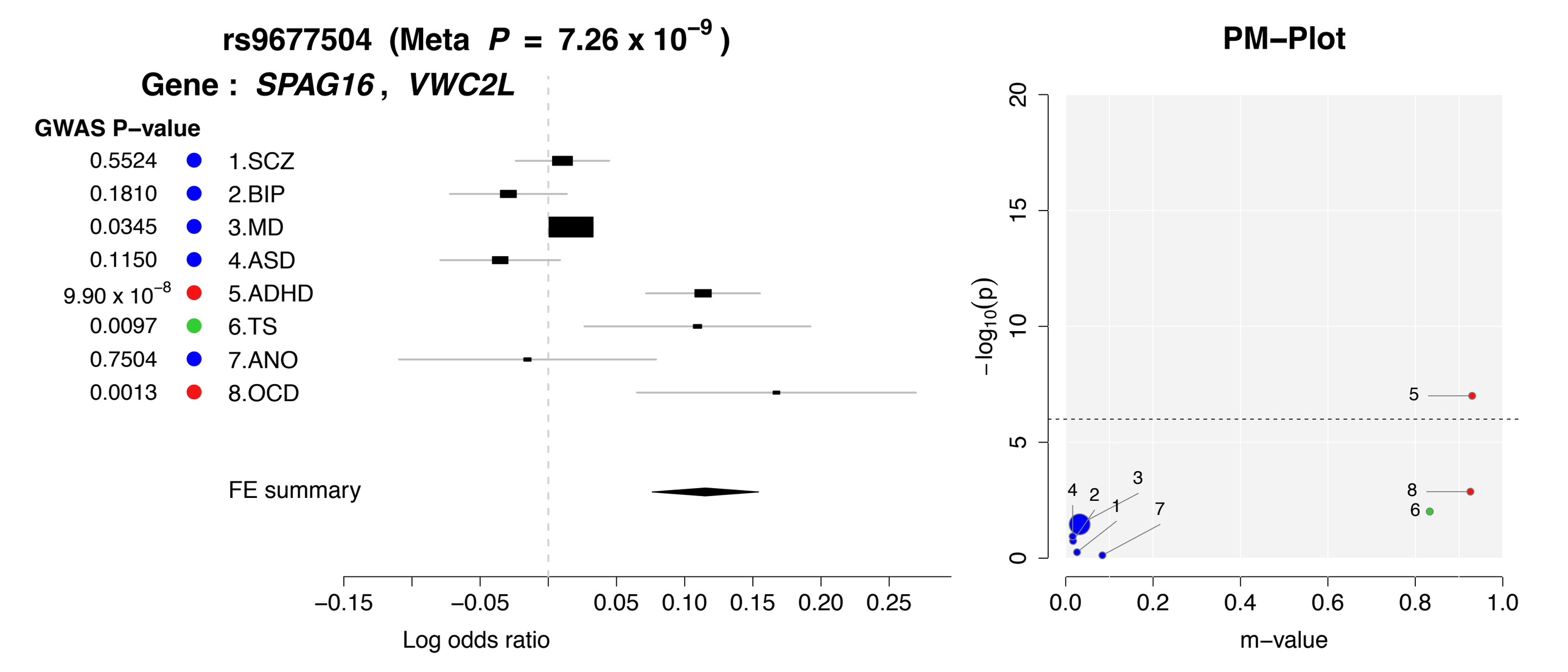

rs8054556 (Meta P = 3.75 x 10−11 )
Gene : TMEM219 , KCTD13
GWAS P−value
4.67 x 10−10 1.SCZ
0.0002 2.BIP
0.0637 3.MD
0.0179 4.ASD
0.2509 5.ADHD
0.5807 6.TS
0.6785 7.ANO
0.0022 8.OCD
FE summary
−0.20 −0.15 −0.10 −0.05 0.00 0.05
Log odds ratio
PM−Plot
−log10(p)
0 5 10 15 20
1
2
3
4
5
6
7
8
0.0 0.2 0.4 0.6 0.8 1.0
m−value

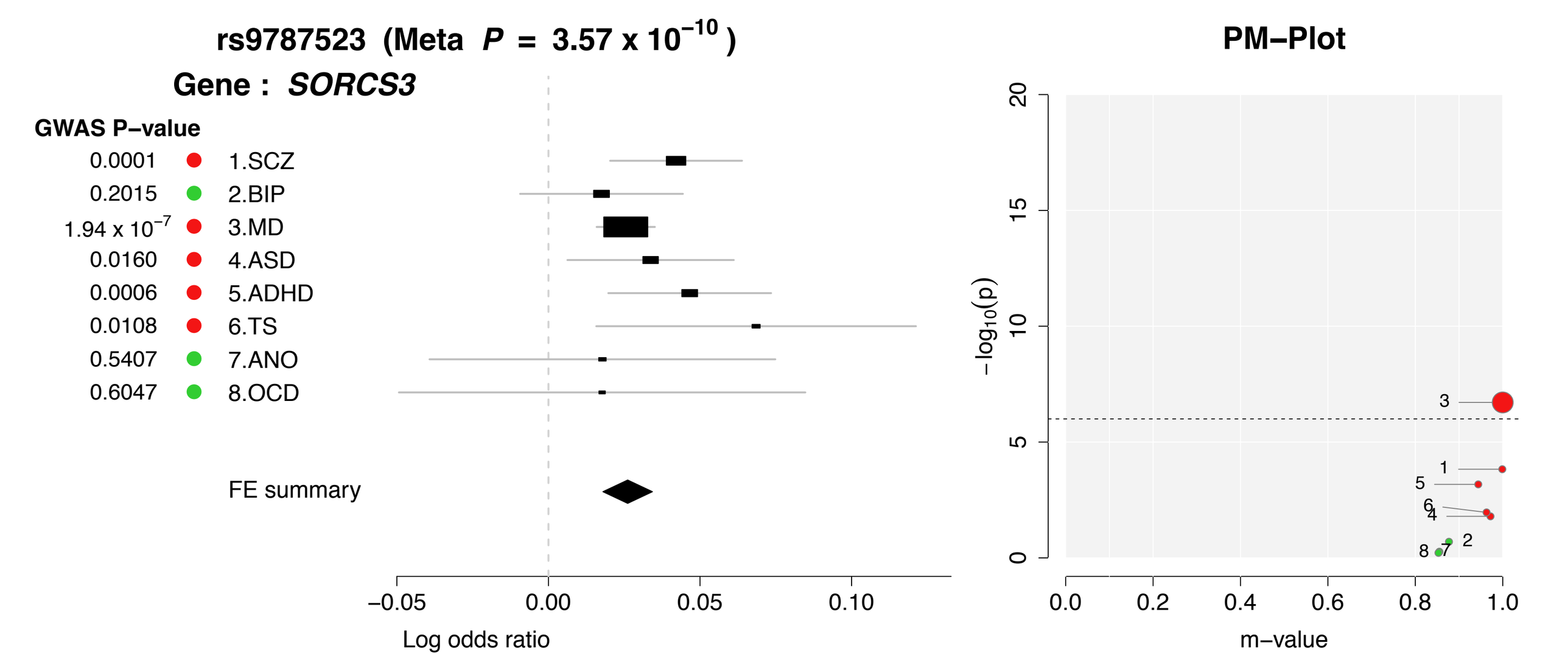

rs8066384 (Meta P = 3.22 x 10−8)
Gene : RPTOR
GWAS P−value
1.97 x 10−6 1.SCZ
4.04 x 10−5 2.BIP
0.0636 3.MD
0.1969 4.ASD
0.2100 5.ADHD
0.4720 6.TS
0.0419 7.ANO
0.0337 8.OCD
FE summary
−0.20 −0.15 −0.10 −0.05 0.00 0.05
Log odds ratio
PM−Plot
−log10(p)
0 5 10 15 20
1 2 3 4 5 6 7 8
0.0 0.2 0.4 0.6 0.8 1.0
m−value

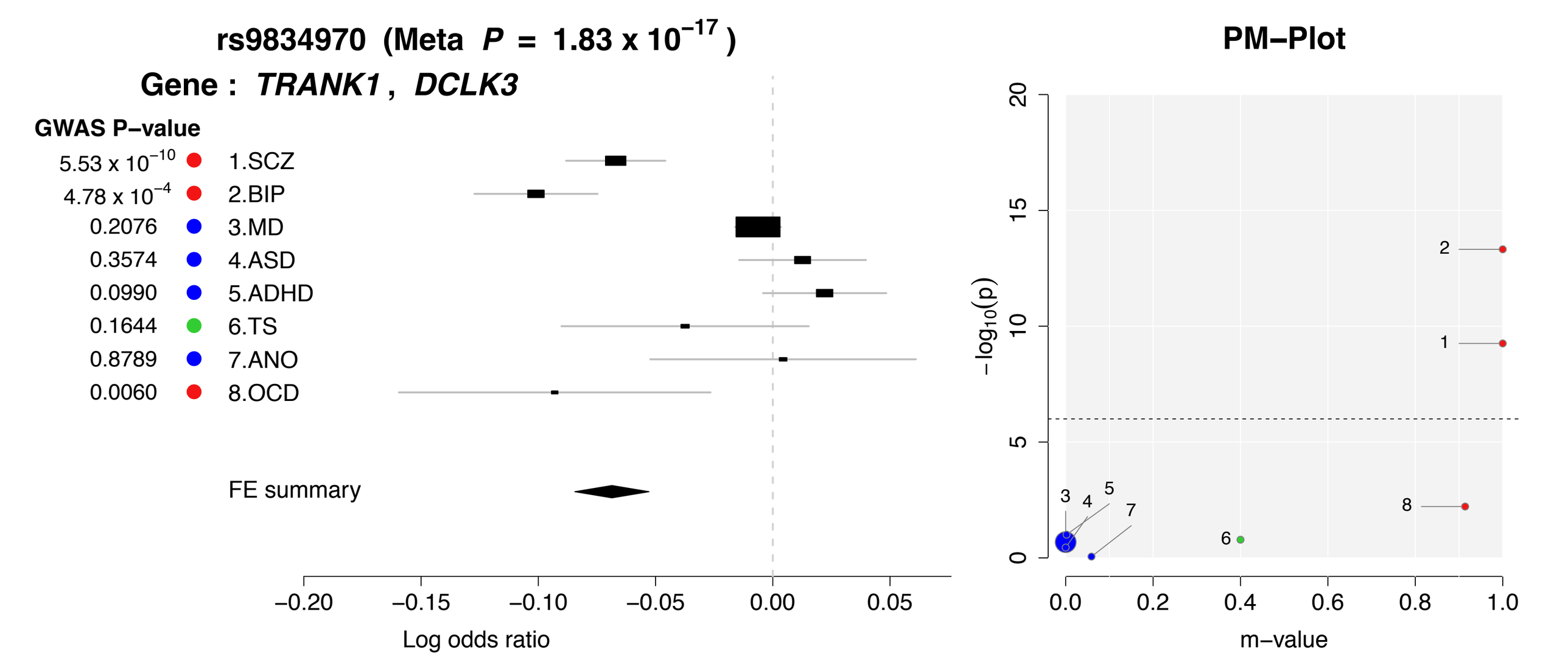

rs8084351 (Meta P = 4.26 x 10−12 )
Gene : DCC
GWAS P−value
3.80 x 10−5
0.0365
4.26 x 10−8
0.0292
0.0004
0.0017
0.3089
0.0406
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.04
0.00
0.04
0.08
0.12
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
3
1
5
6
4
2
8
7
0.0
0.2
0.4
0.6
0.8
1.0
m−value

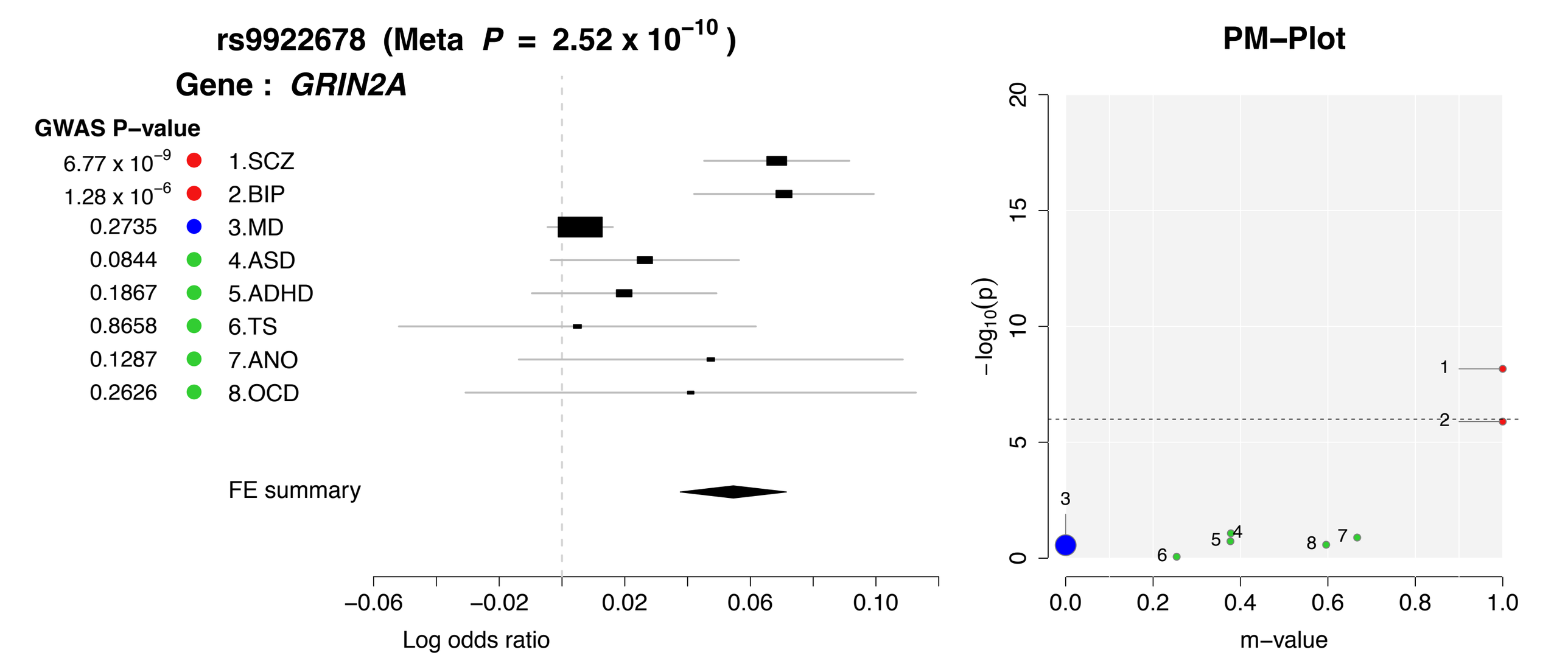

rs9360557 (Meta P = 3.04 x 10−9)
Gene : RIMS1
GWAS P−value
6.60 x 10−8
0.0053
4.97 x 10−5
0.0128
0.0454
0.3447
0.0434
0.2894
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.04
0.00
0.02
0.04
0.06
0.08
0.10
0.12
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value
1
3
2
4
7
5
6
8

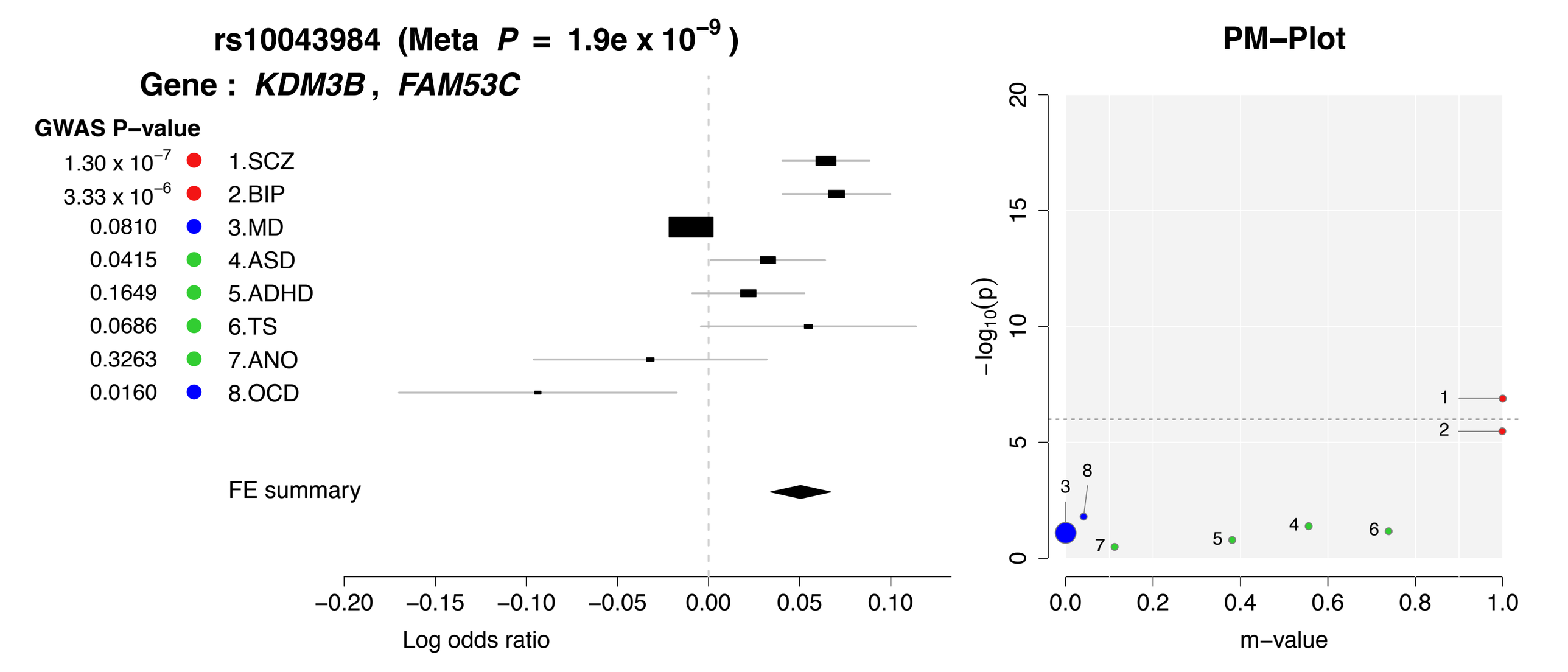

rs9636107 (Meta P = 3.03 x 10−10)
Gene : TCF4
GWAS P−value
1.70 x 10−13 1.SCZ
0.1960 2.BIP
0.0020 3.MD
0.1739 4.ASD
0.9055 5.ADHD
0.4039 6.TS
0.2016 7.ANO
0.7071 8.OCD
FE summary
−0.15 −0.10 −0.05 0.00 0.05 0.10
Log odds ratio
PM−Plot
−log10(p)
0 5 10 15 20
1
3
7 2 4
5 8 6
0.0 0.2 0.4 0.6 0.8 1.0
m−value

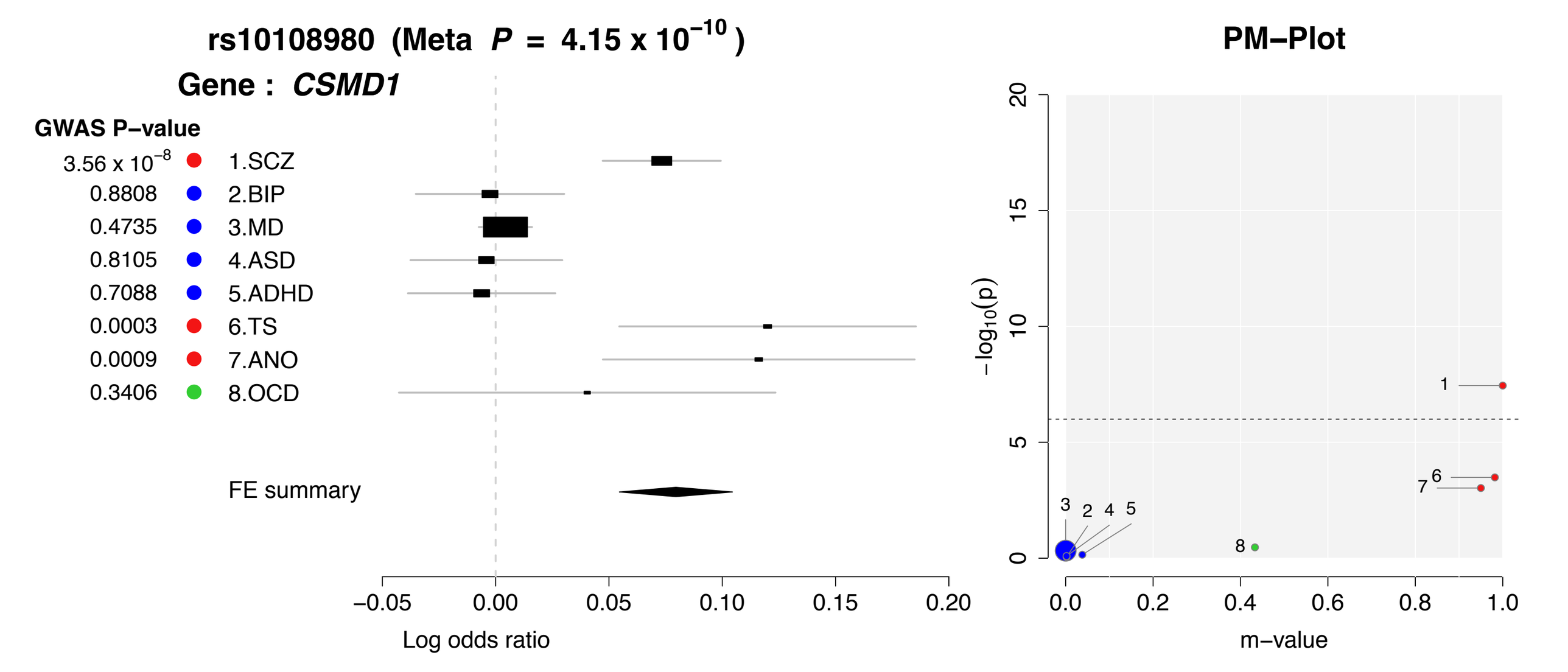

rs9677504 (Meta P = 7.26 x 10−9)
Gene : SPAG16 , VWC2L
GWAS P−value
0.5524
0.1810
0.0345
0.1150
9.90 x 10−8
0.0097
0.7504
0.0013
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.15
−0.05
0.05
0.10
0.15
0.20
0.25
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value
1
2
3
4
5
6
7
8

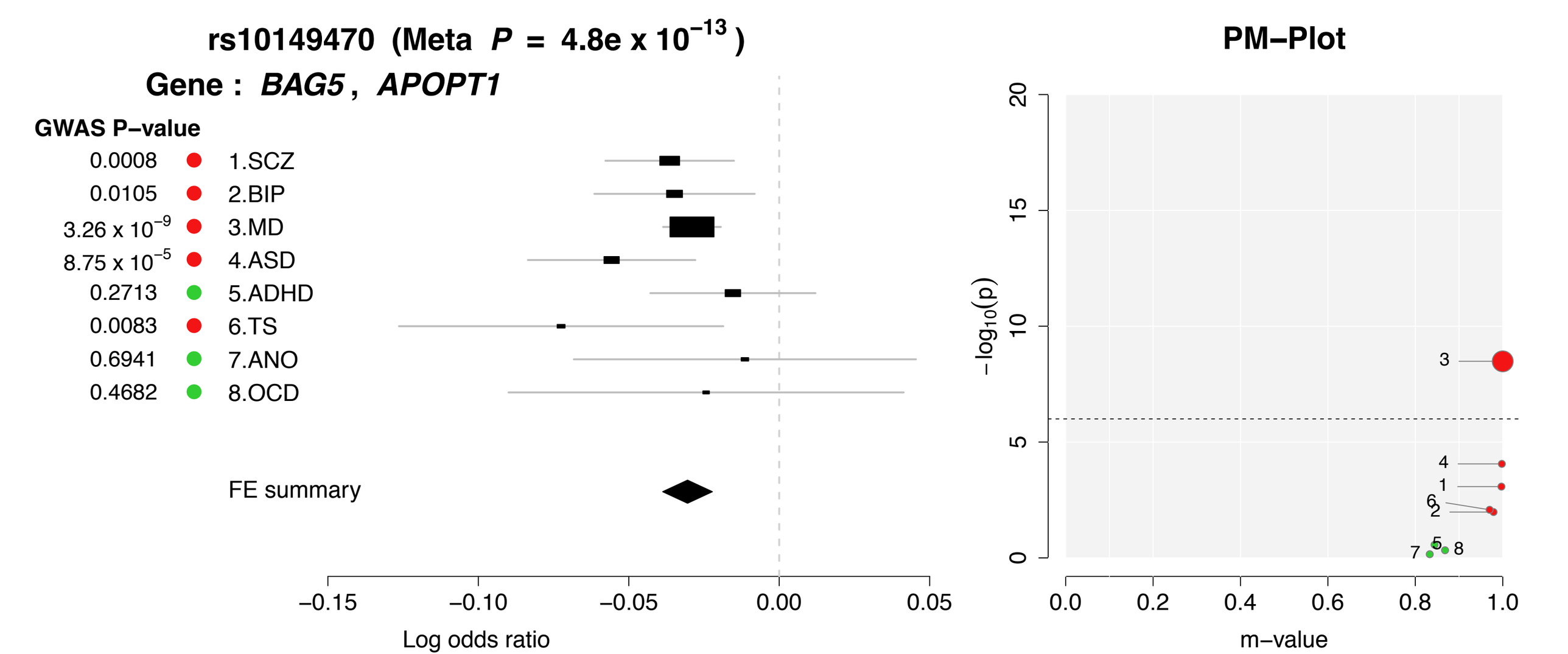

rs9787523 (Meta P = 3.57 x 10−10)
Gene : SORCS3
GWAS P−value
0.0001 1.SCZ
0.2015 2.BIP
1.94 x 10−7 3.MD
0.0160 4.ASD
0.0006 5.ADHD
0.0108 6.TS
0.5407 7.ANO
0.6047 8.OCD
FE summary
−0.05
0.00
0.05
0.10
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
3
1
5
6
4
2
8
7
0.0
0.2
0.4
0.6
0.8
1.0
m−value

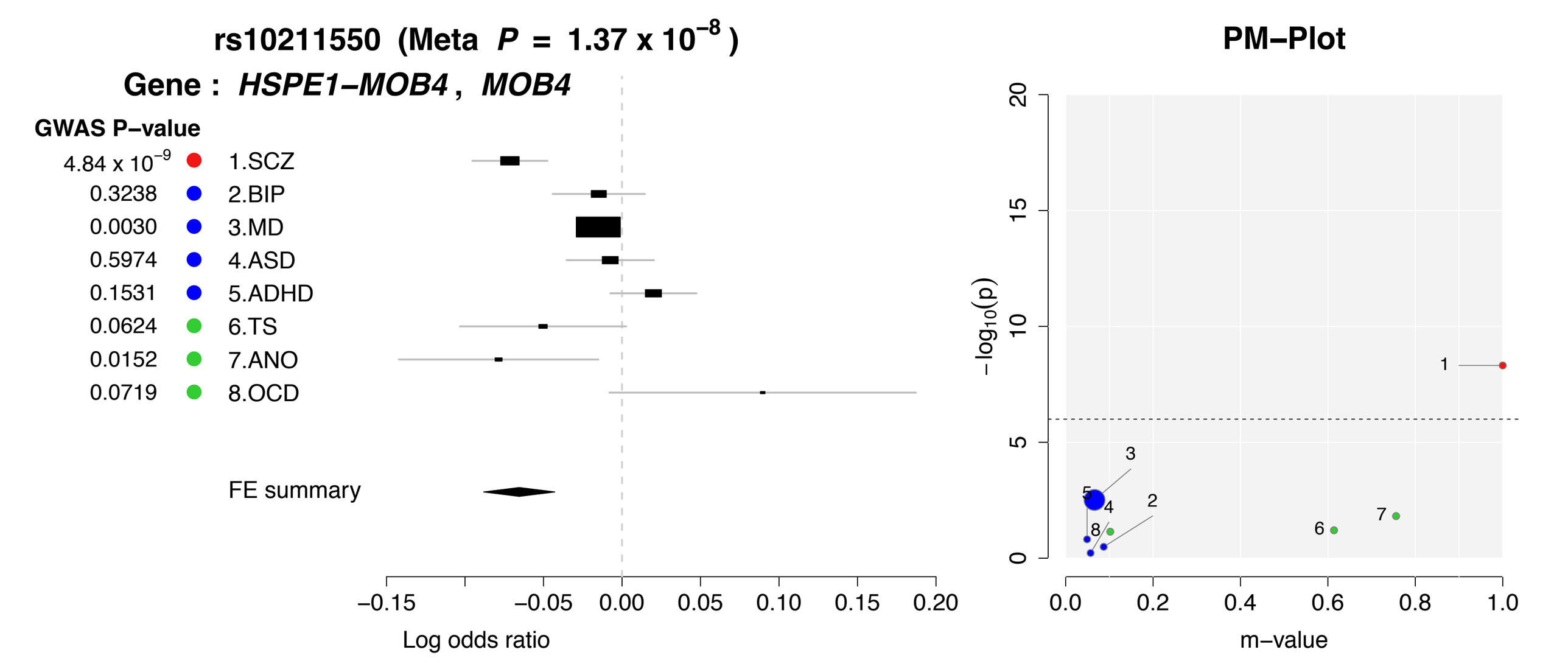

rs9834970 (Meta P = 1.83 x 10−17)
Gene : TRANK1 , DCLK3
GWAS P–value
5.53 x 10−10 1.SCZ
4.78 x 10−4 2.BIP
0.2076 3.MD
0.3574 4.ASD
0.0990 5.ADHD
0.1644 6.TS
0.8789 7.ANO
0.0060 8.OCD
FE summary
−0.20
−0.15
−0.10
−0.05
0.00
0.05
Log odds ratio
PM–Plot
−log10(p)
0
5
10
15
20
1
2
3
4
5
6
7
8
0.0
0.2
0.4
0.6
0.8
1.0
m–value

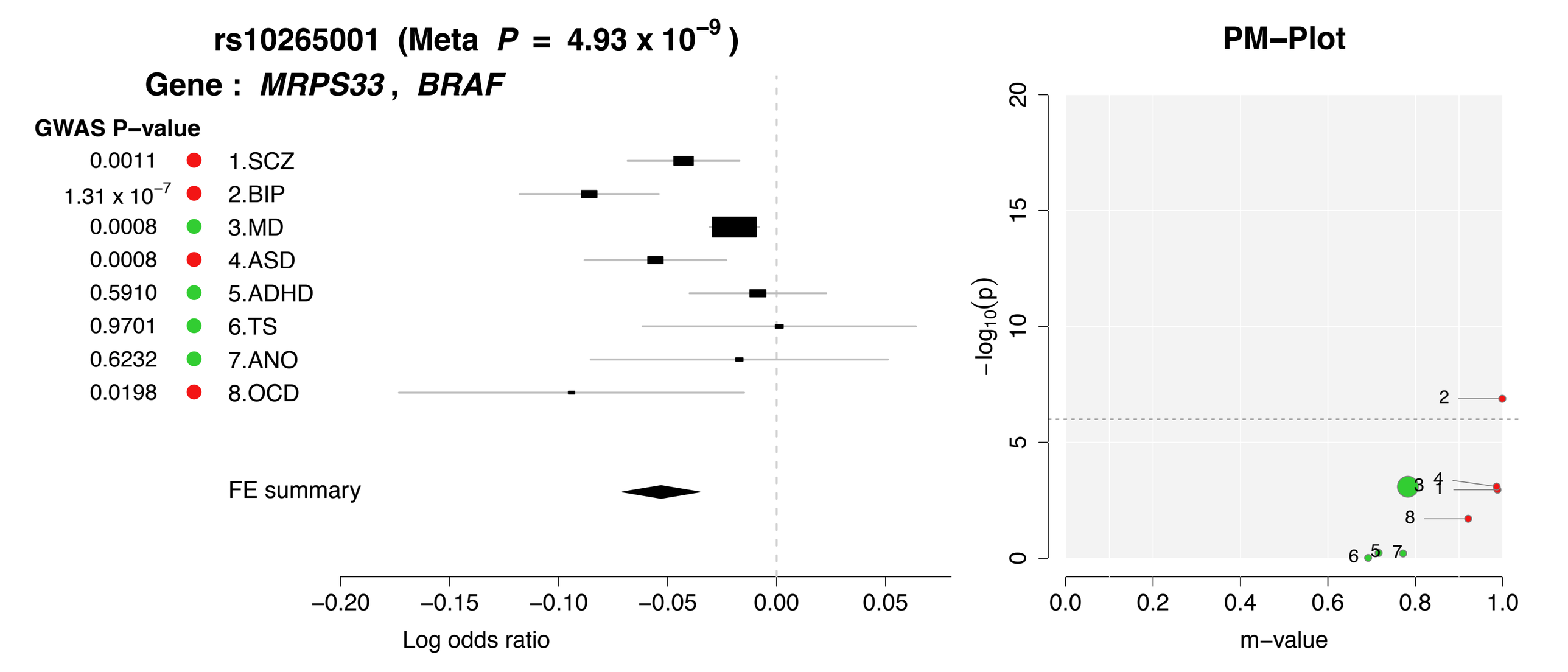

rs9922678 (Meta P = 2.52 x 10−10)
Gene : GRIN2A
GWAS P−value
6.77 x 10−9 1.SCZ
1.28 x 10−6 2.BIP
0.2735 3.MD
0.0844 4.ASD
0.1867 5.ADHD
0.8658 6.TS
0.1287 7.ANO
0.2626 8.OCD
FE summary
−0.06
−0.02
0.02
0.06
0.10
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
1
2
3
4
5
6
7
8
0.0
0.2
0.4
0.6
0.8
1.0
m−value

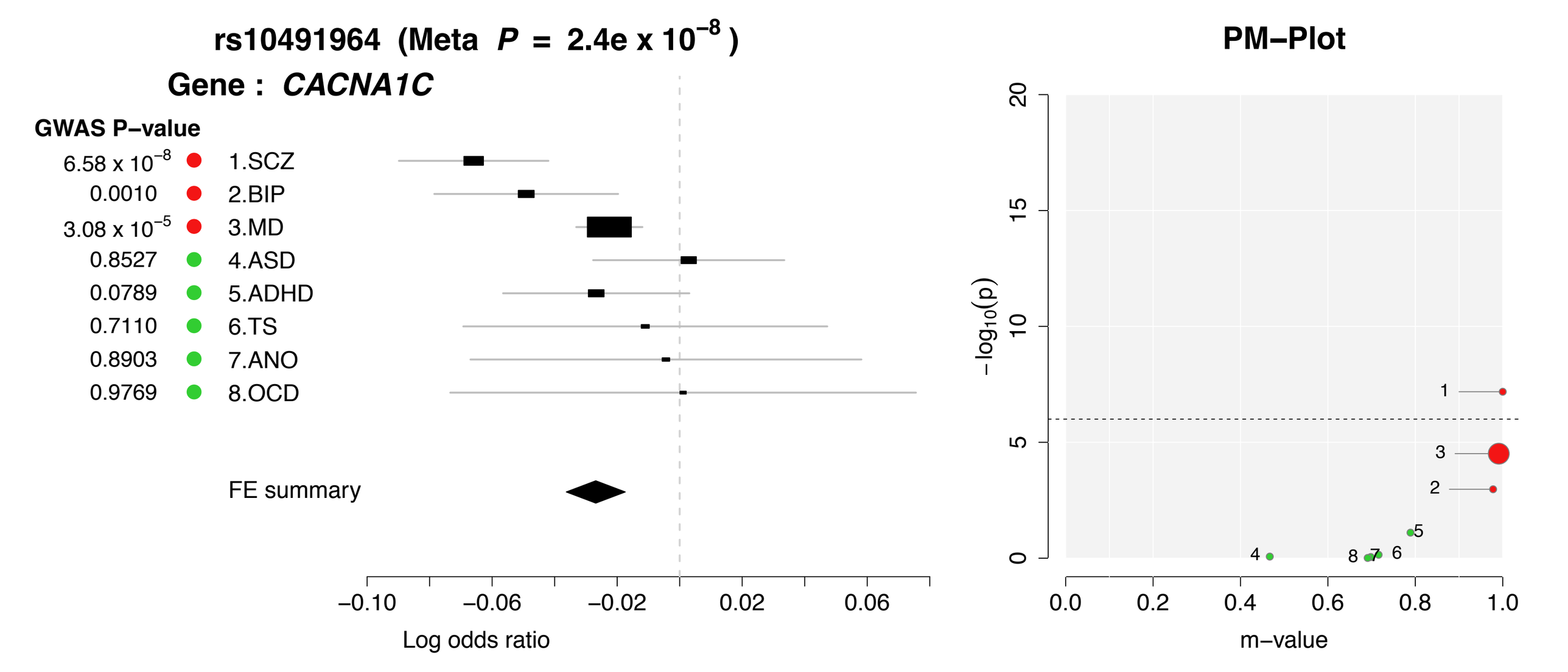

rs10043984 (Meta P = 1.9e x 10−9)
Gene : KDM3B , FAM53C
GWAS P−value
1.30 x 10−7
3.33 x 10−6
0.0810
0.0415
0.1649
0.0686
0.3263
0.0160
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.20
−0.15
−0.10
−0.05
0.00
0.05
0.10
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value
1
2
3
8
7
5
4
6

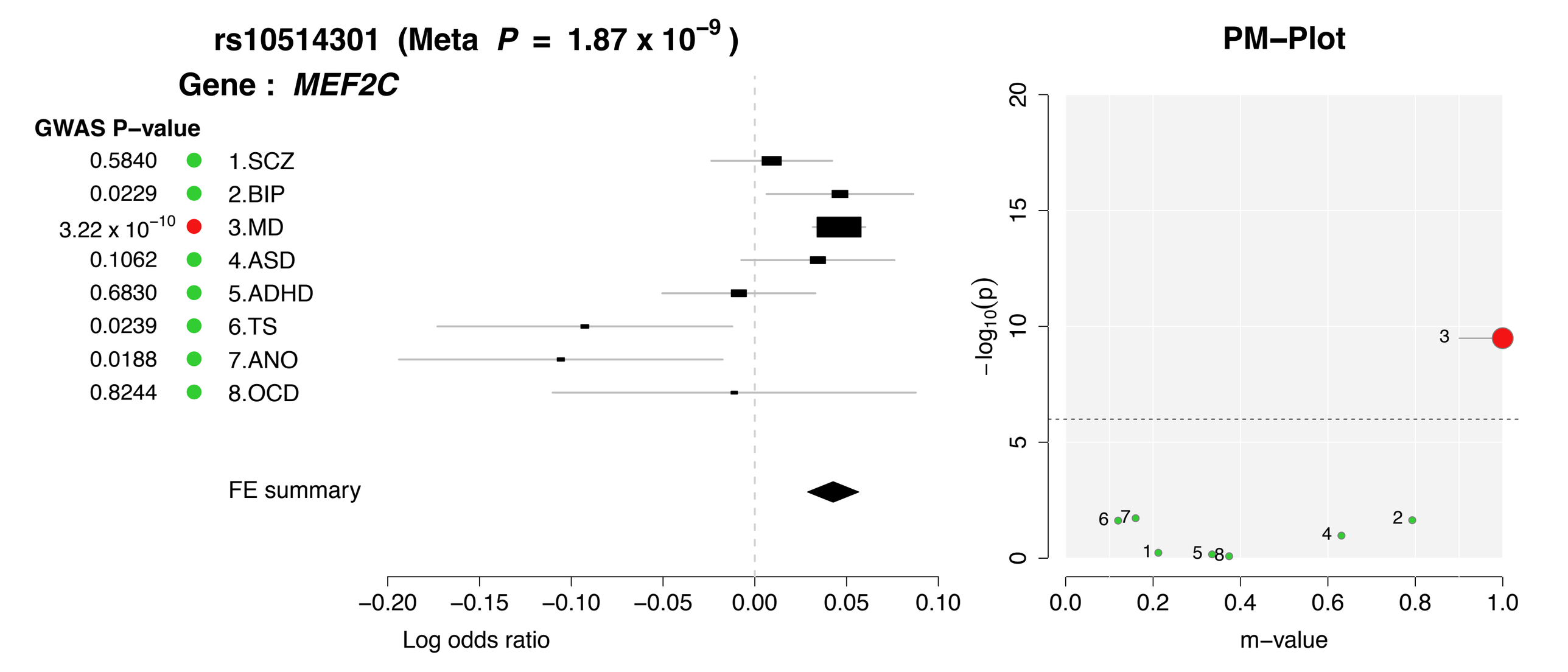

rs10108980 (Meta P = 4.15 x 10−10)
Gene : CSMD1
GWAS P−value
3.56 x 10−8 1.SCZ
0.8808 2.BIP
0.4735 3.MD
0.8105 4.ASD
0.7088 5.ADHD
0.0003 6.TS
0.0009 7.ANO
0.3406 8.OCD
FE summary
−0.05 0.00 0.05 0.10 0.15 0.20
Log odds ratio
PM−Plot
−log10(p)
0 5 10 15 20
1
6
7
3 2 4 5
8
0.0 0.2 0.4 0.6 0.8 1.0
m−value

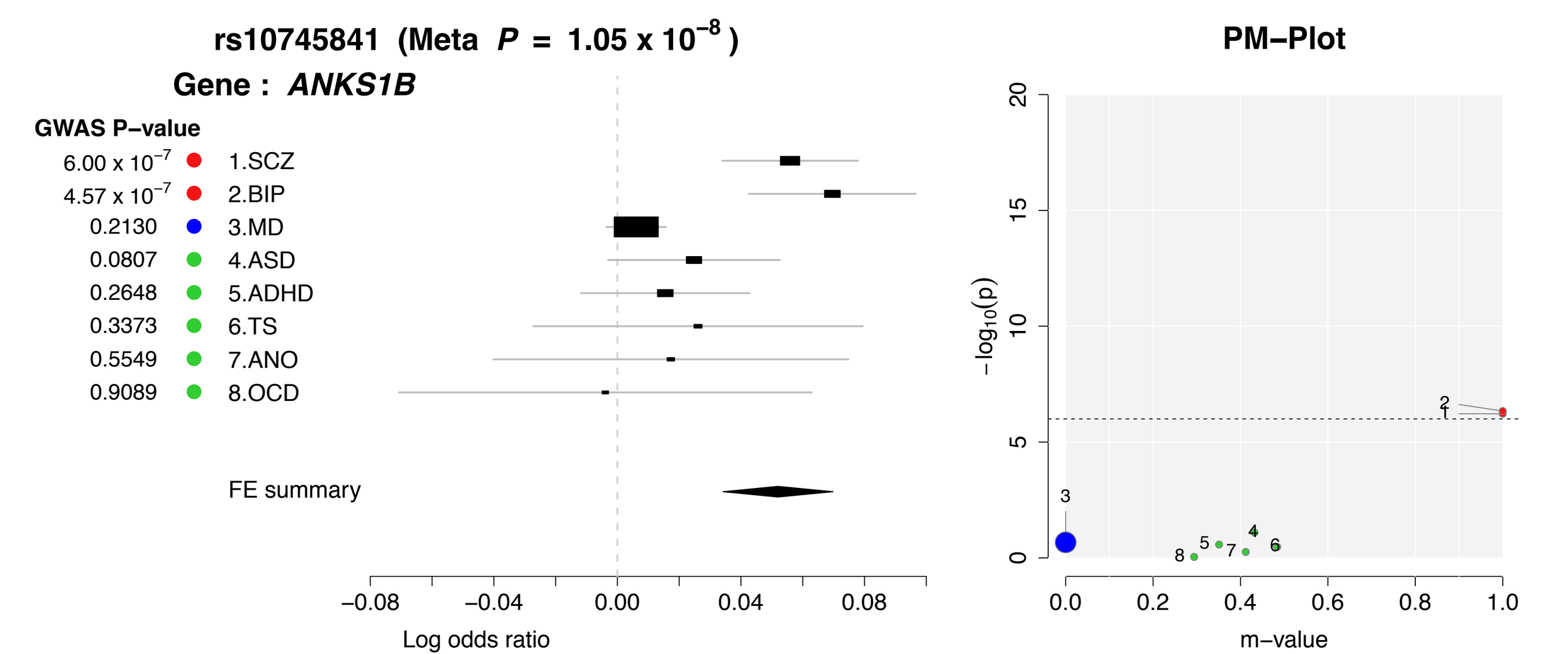

rs10149470 (Meta P = 4.8e x 10−13)
Gene : BAG5 , APOPT1
GWAS P−value
0.0008 1.SCZ
0.0105 2.BIP
3.26 x 10−9 3.MD
8.75 x 10−5 4.ASD
0.2713 5.ADHD
0.0083 6.TS
0.6941 7.ANO
0.4682 8.OCD
FE summary
−0.15
−0.10
−0.05
0.00
0.05
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
3
4
1
6
2
5
7
8
0.0
0.2
0.4
0.6
0.8
1.0
m−value

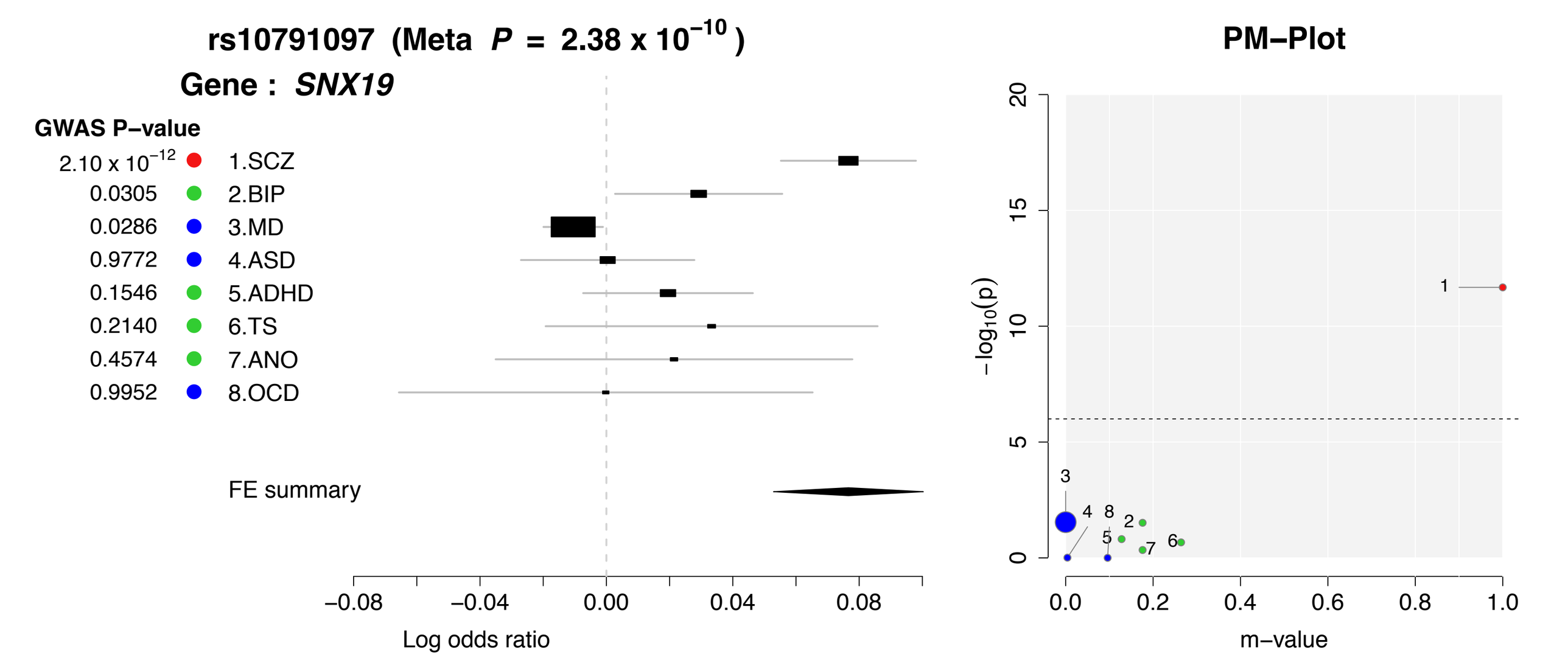

rs10211550 (Meta P = 1.37 x 10−8)
Gene : HSPE1–MOB4 , MOB4
GWAS P–value
4.84 x 10−9
0.3238
0.0030
0.5974
0.1531
0.0624
0.0152
0.0719
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.15
−0.05
0.00
0.05
0.10
0.15
0.20
Log odds ratio
PM–Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m–value
1
2
3
4
5
6
7
8

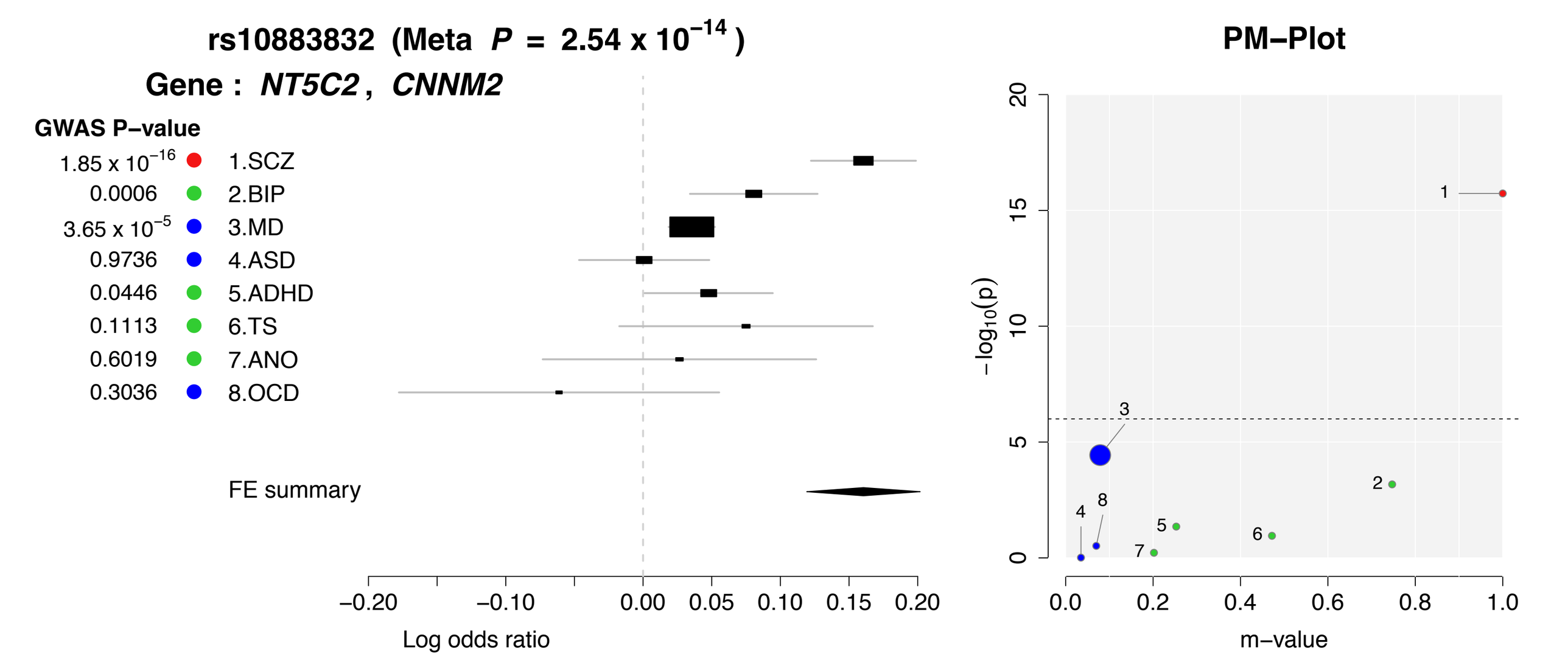

rs10265001 (Meta P = 4.93 x 10−9)
Gene : MRPS33 , BRAF
GWAS P−value
0.0011
1.31 x 10−7
0.0008
0.0008
0.5910
0.9701
0.6232
0.0198
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.20
−0.15
−0.10
−0.05
0.00
0.05
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
2
3
4
1
8
6
5
7
0.0
0.2
0.4
0.6
0.8
1.0
m−value

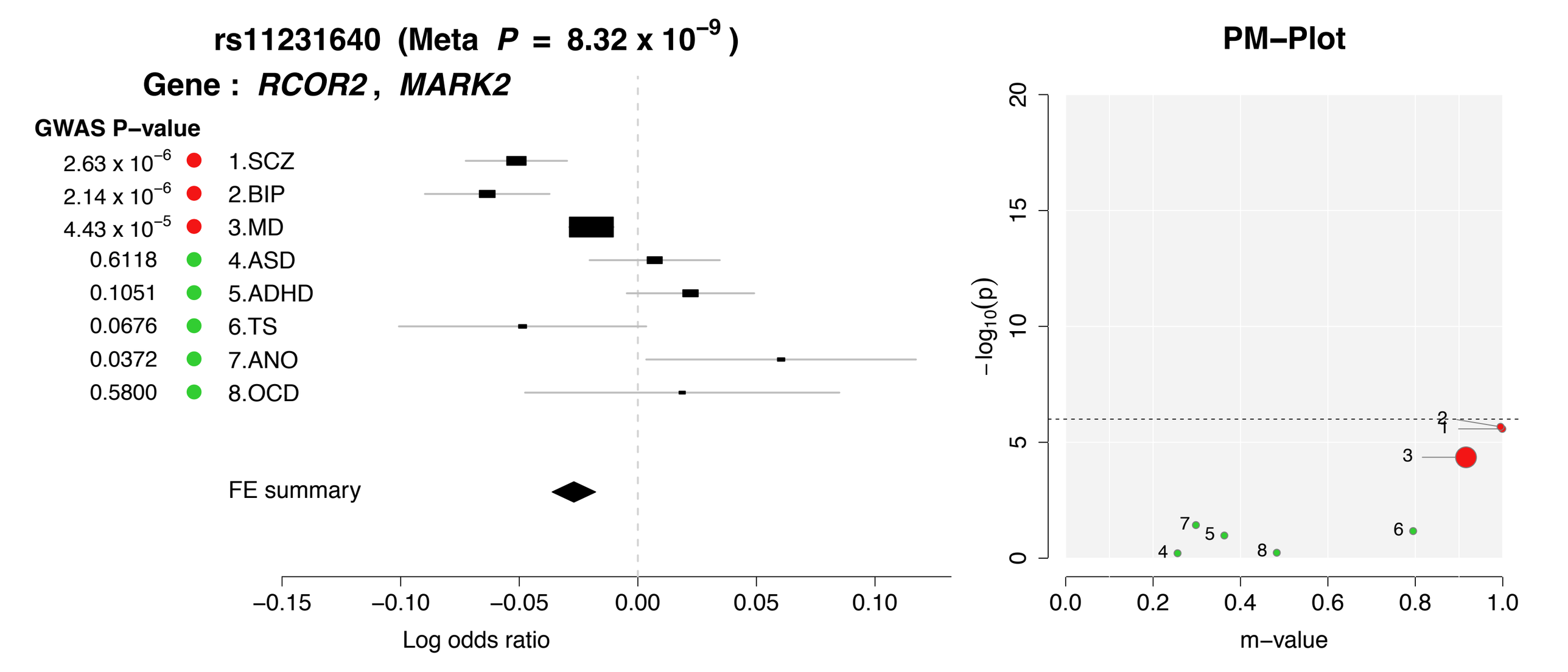

rs10491964 (Meta P = 2.4e x 10−8)
Gene : CACNA1C
GWAS P−value
6.58 x 10−8
0.0010
3.08 x 10−5
0.8527
0.0789
0.7110
0.8903
0.9769
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.10
−0.06
−0.02
0.02
0.06
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value
1
2
3
4
5
6
7
8

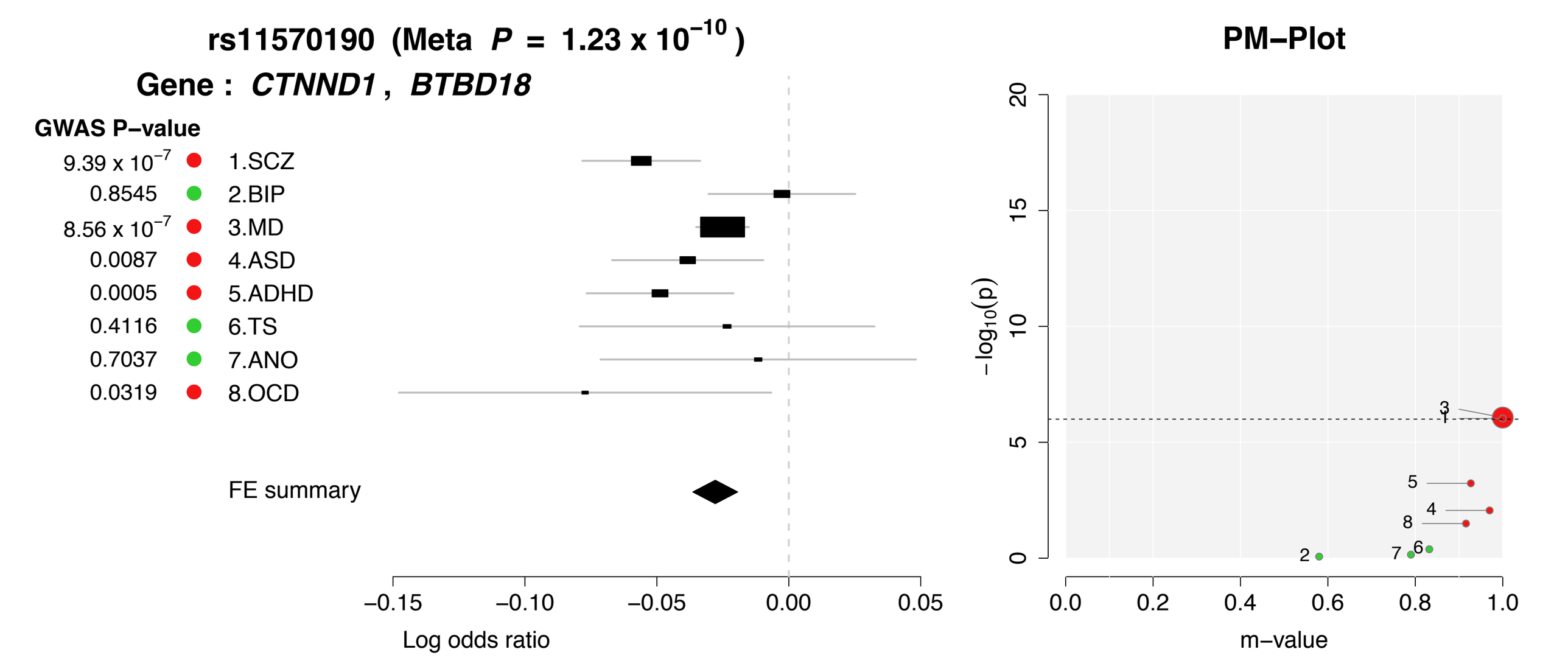

rs10514301 (Meta P = 1.87 x 10−9)
Gene : MEF2C
GWAS P−value
0.5840 1.SCZ
0.0229 2.BIP
3.22 x 10−10 3.MD
0.1062 4.ASD
0.6830 5.ADHD
0.0239 6.TS
0.0188 7.ANO
0.8244 8.OCD
FE summary
−0.20 −0.15 −0.10 −0.05 0.00 0.05 0.10
Log odds ratio
PM−Plot
−log10(p)
0 5 10 15 20
3
6 7 1 5 8 4 2
0.0 0.2 0.4 0.6 0.8 1.0
m−value

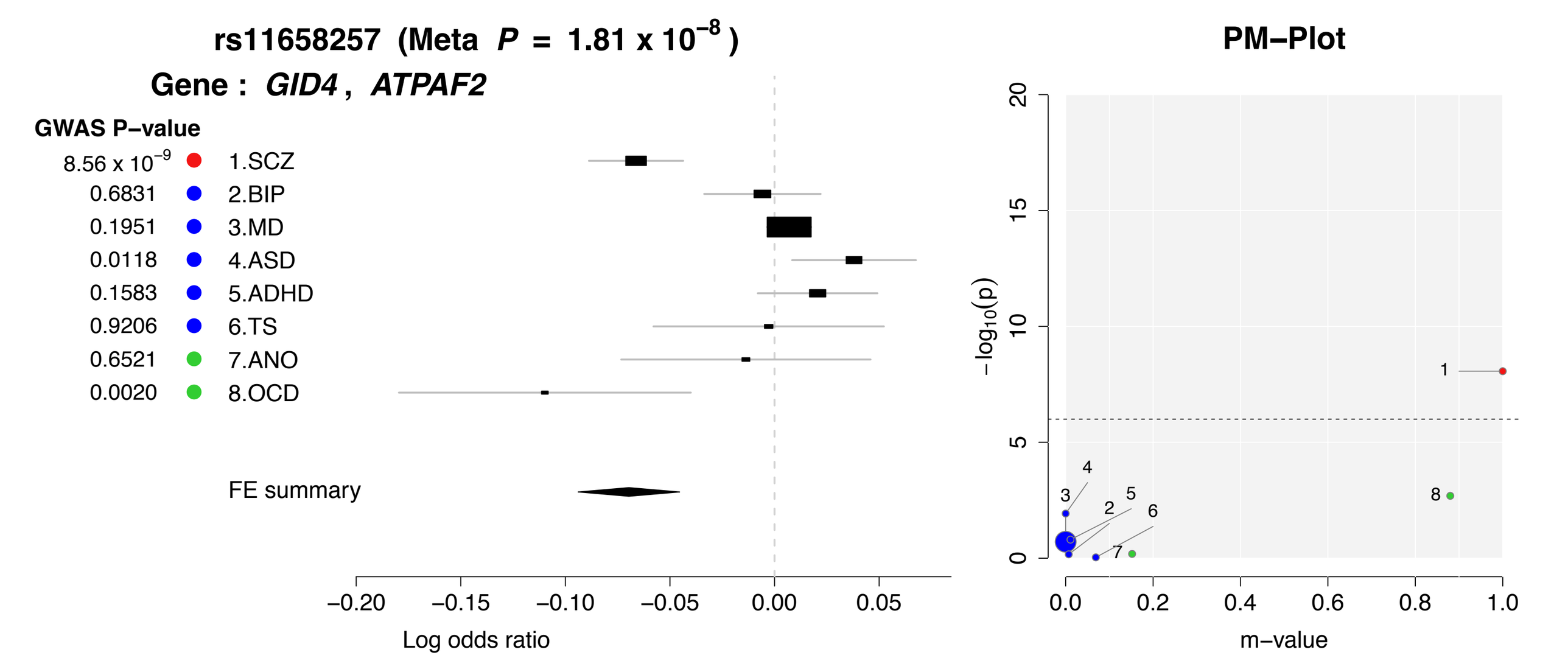

rs10745841 (Meta P = 1.05 x 10−8)
Gene : ANKS1B
GWAS P−value
6.00 x 10−7
4.57 x 10−7
0.2130
0.0807
0.2648
0.3373
0.5549
0.9089
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.08
−0.04
0.00
0.04
0.08
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value

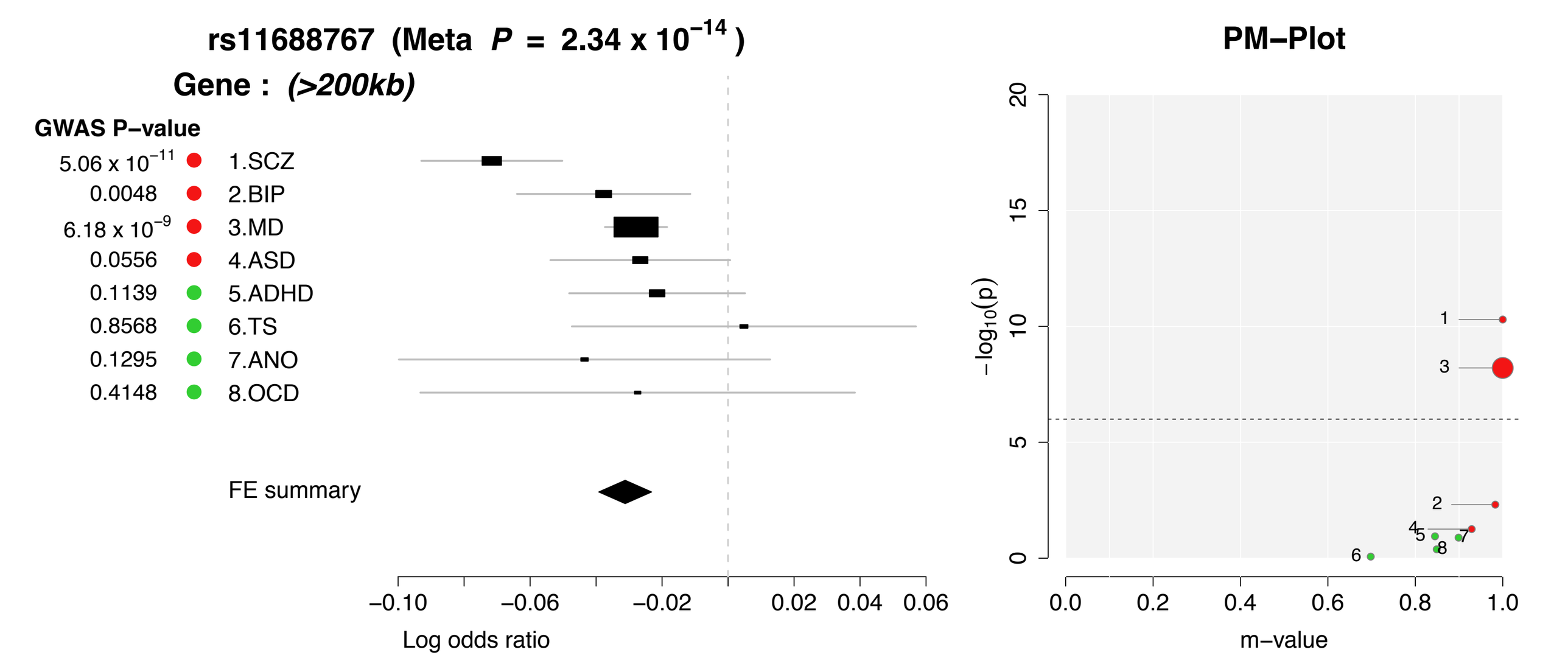

rs10791097 (Meta P = 2.38 x 10−10)
Gene : SNX19
GWAS P−value
2.10 x 10−12 1.SCZ
0.0305 2.BIP
0.0286 3.MD
0.9772 4.ASD
0.1546 5.ADHD
0.2140 6.TS
0.4574 7.ANO
0.9952 8.OCD
FE summary
−0.08
−0.04
0.00
0.04
0.08
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
1
3
4
8
2
5
7
6
0.0
0.2
0.4
0.6
0.8
1.0
m−value

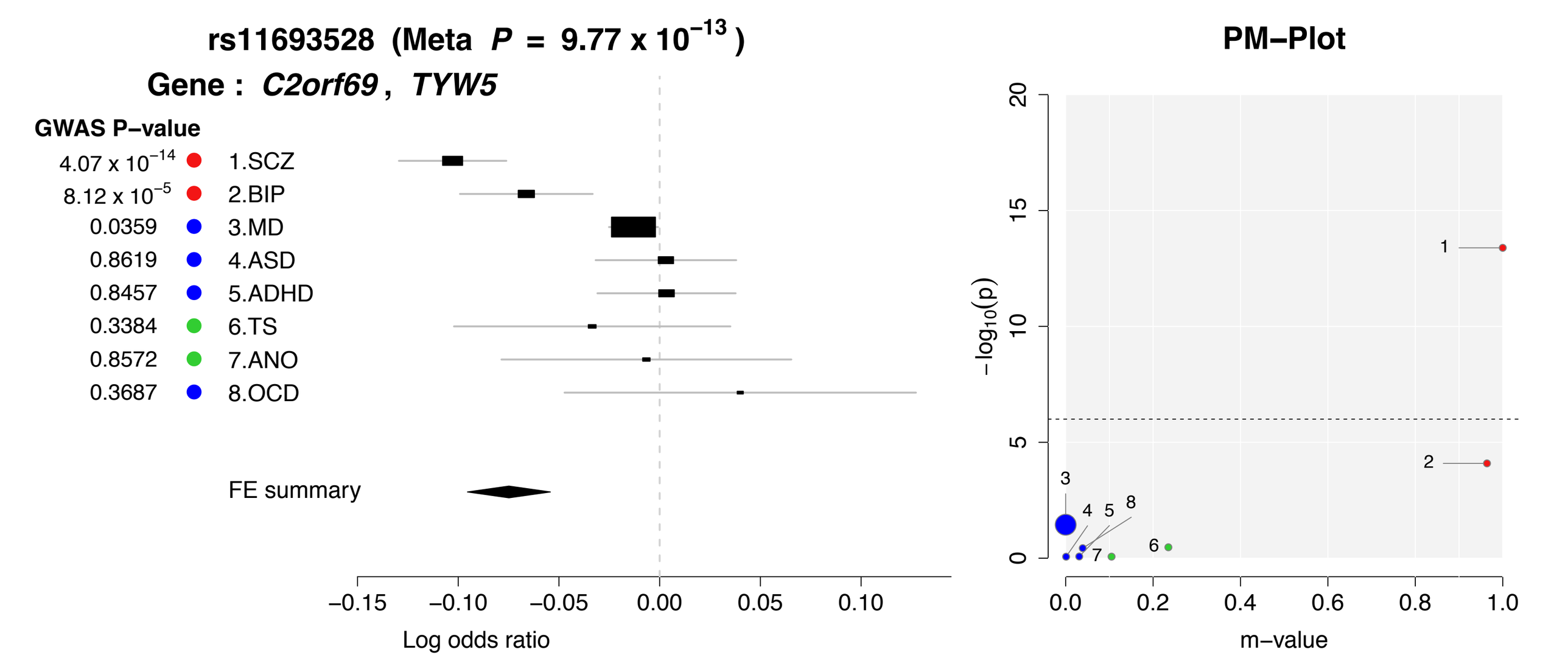

rs10883832 (Meta P = 2.54 x 10−14)
Gene : NT5C2 , CNNM2
GWAS P–value
1.85 x 10−16 1.SCZ
0.0006 2.BIP
3.65 x 10−5 3.MD
0.9736 4.ASD
0.0446 5.ADHD
0.1113 6.TS
0.6019 7.ANO
0.3036 8.OCD
FE summary
−0.20 −0.10 0.00 0.05 0.10 0.15 0.20
Log odds ratio
PM–Plot
−log10(p)
0 5 10 15 20
1 2 3 4 5 6 7 8
0.0 0.2 0.4 0.6 0.8 1.0
m–value

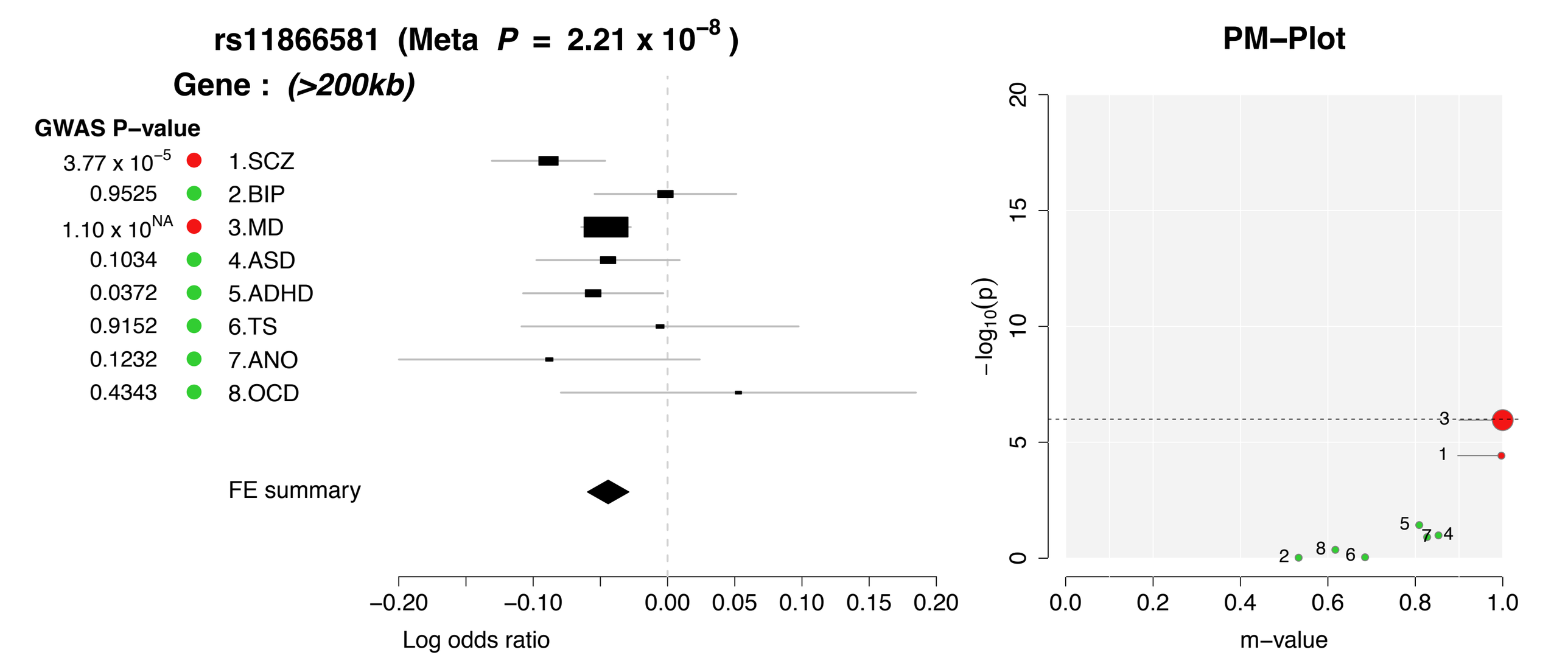

rs11231640 (Meta P = 8.32 x 10−9)
Gene : RCOR2, MARK2
GWAS P−value
2.63 x 10−6
2.14 x 10−6
4.43 x 10−5
0.6118
0.1051
0.0676
0.0372
0.5800
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.15
−0.10
−0.05
0.00
0.05
0.10
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value
1
2
3
4
5
6
7
8

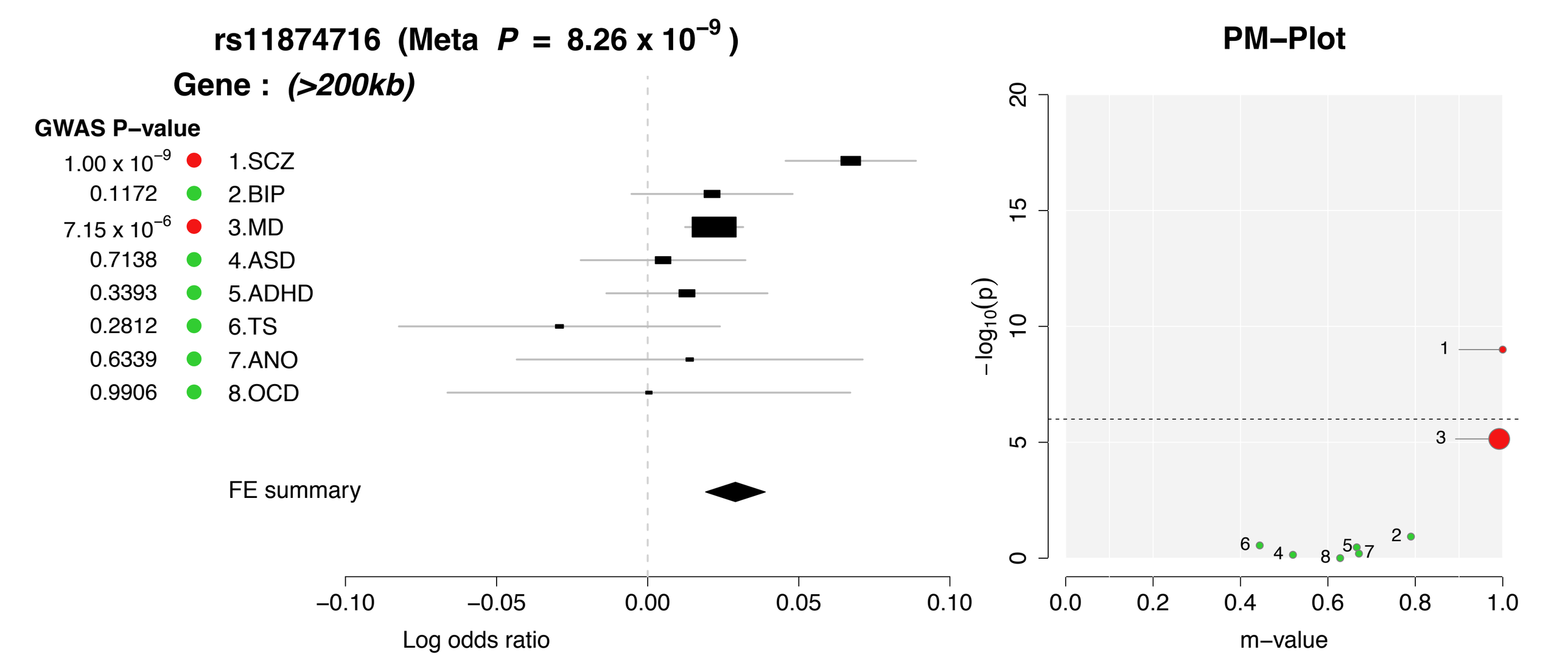

rs11570190 (Meta P = 1.23 x 10−10)
Gene : CTNND1 , BTBD18
GWAS P−value
9.39 x 10−7 1.SCZ
0.8545 2.BIP
8.56 x 10−7 3.MD
0.0087 4.ASD
0.0005 5.ADHD
0.4116 6.TS
0.7037 7.ANO
0.0319 8.OCD
FE summary
−0.15
−0.10
−0.05
0.00
0.05
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value
1
3
5
4
8
6
7
2

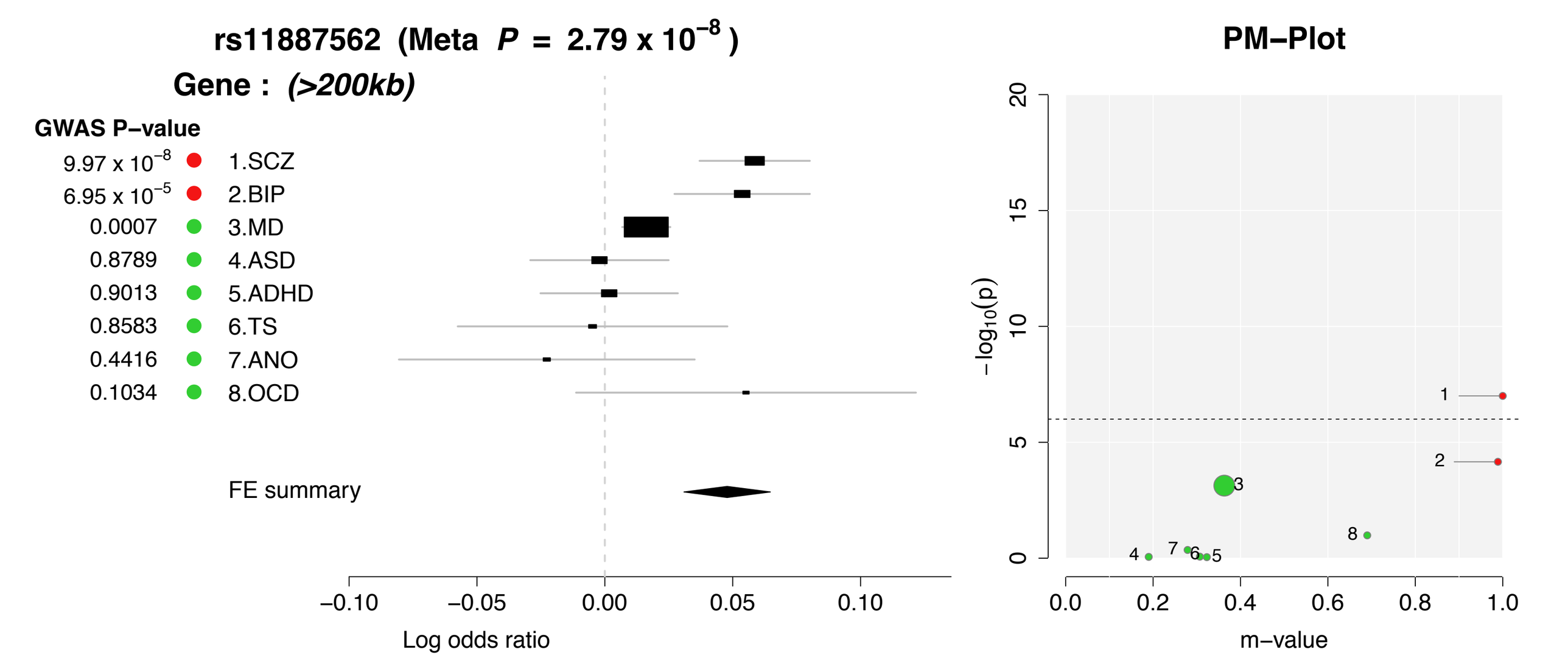

rs11658257 (Meta P = 1.81 x 10−8)
Gene : GID4 , ATPAF2
GWAS P−value
8.56 x 10−9 1.SCZ
0.6831 2.BIP
0.1951 3.MD
0.0118 4.ASD
0.1583 5.ADHD
0.9206 6.TS
0.6521 7.ANO
0.0020 8.OCD
FE summary
−0.20 −0.15 −0.10 −0.05 0.00 0.05
Log odds ratio
PM−Plot
−log10(p)
0 5 10 15 20
1
2
3
4
5
6
7
8
0.0 0.2 0.4 0.6 0.8 1.0
m−value

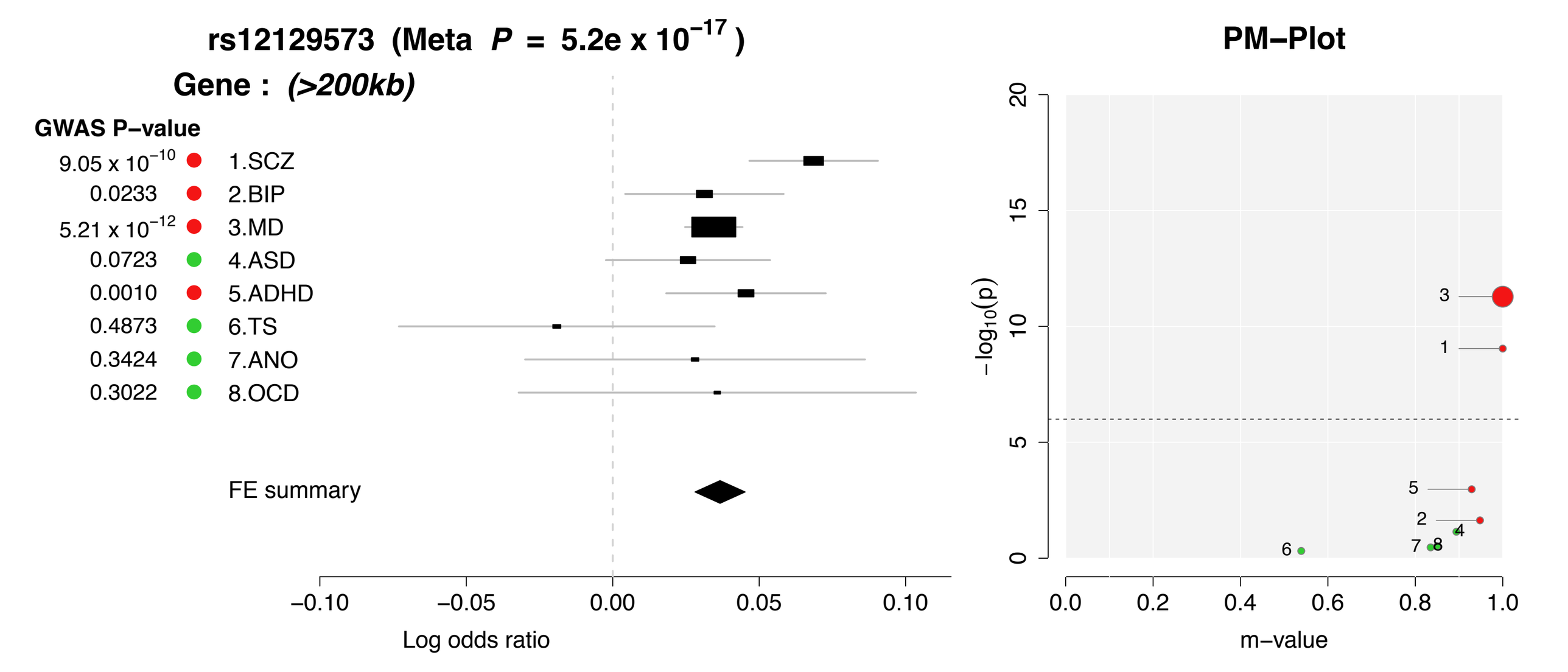

rs11688767 (Meta P = 2.34 x 10−14 )
Gene : (>200kb)
GWAS P−value
5.06 x 10−11
0.0048
6.18 x 10−9
0.0556
0.1139
0.8568
0.1295
0.4148
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.10
−0.06
−0.02
0.02
0.04
0.06
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value

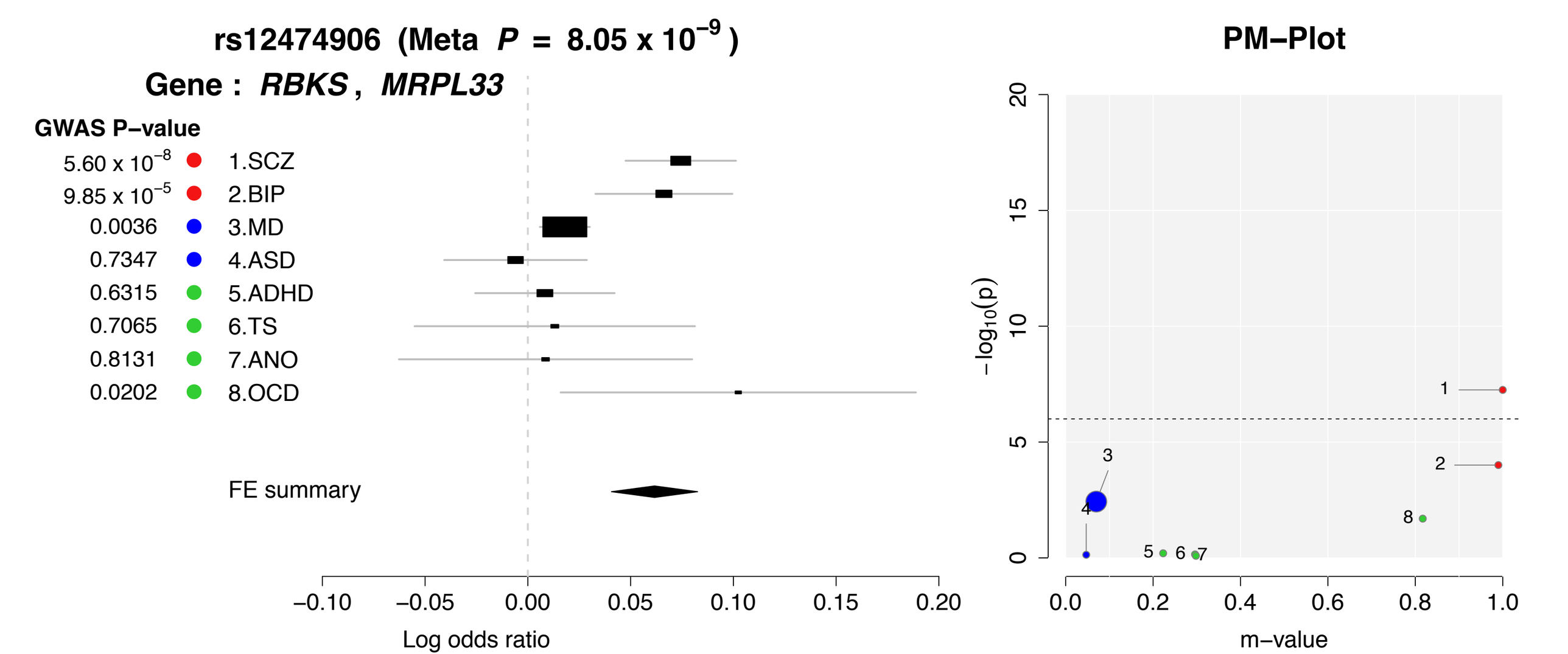

rs11693528 (Meta P = 9.77 x 10−13)
Gene : C2orf69 , TYW5
GWAS P–value
4.07 x 10−14 1.SCZ
8.12 x 10−5 2.BIP
0.0359 3.MD
0.8619 4.ASD
0.8457 5.ADHD
0.3384 6.TS
0.8572 7.ANO
0.3687 8.OCD
FE summary
–0.15 –0.10 –0.05 0.00 0.05 0.10
Log odds ratio
PM–Plot
−log10(p)
0 5 10 15 20
1
2
3
4 5 8
6
7
0.0 0.2 0.4 0.6 0.8 1.0
m–value

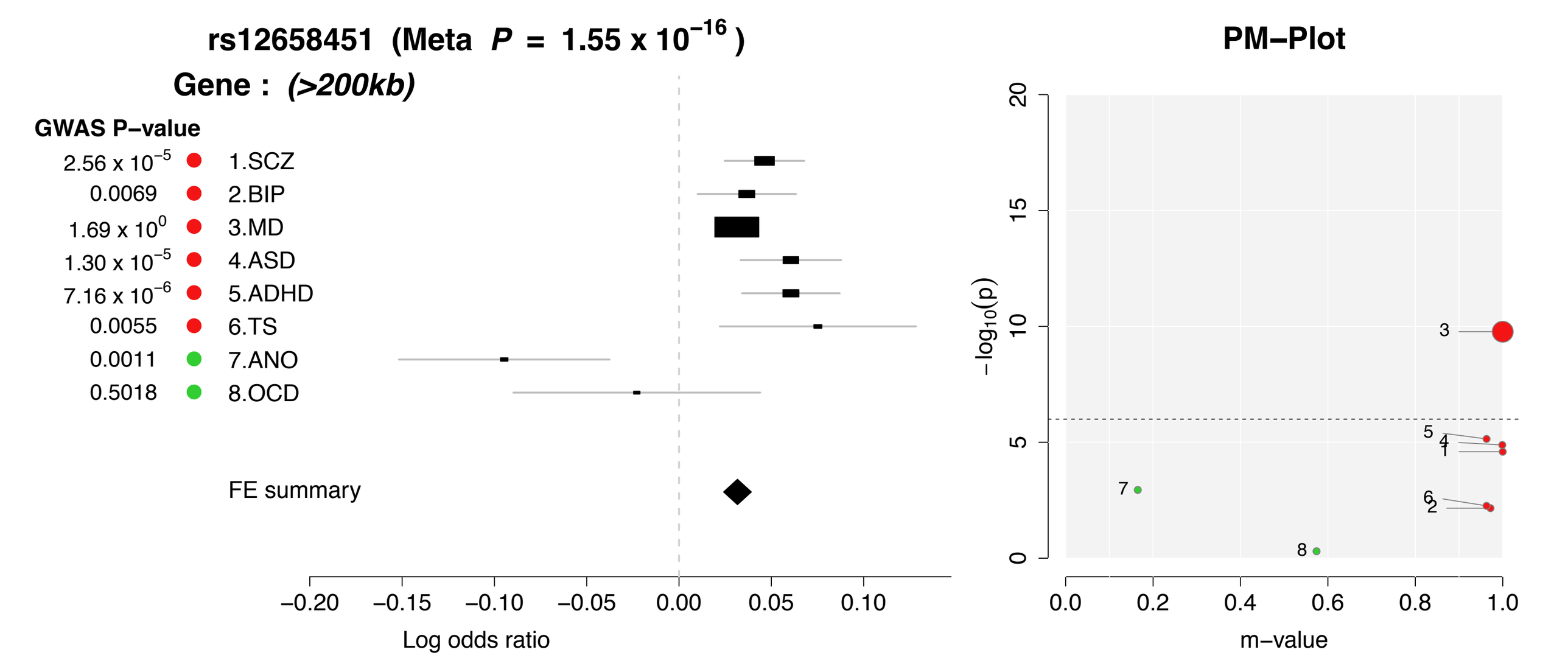

rs11866581 (Meta P = 2.21 x 10−8 )
Gene : (>200kb)
GWAS P−value
3.77 x 10−5
0.9525
1.10 x 10NA
0.1034
0.0372
0.9152
0.1232
0.4343
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.20
−0.10
0.00
0.05
0.10
0.15
0.20
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
3
1
5
7
4
2
8
6
0.0
0.2
0.4
0.6
0.8
1.0
m−value

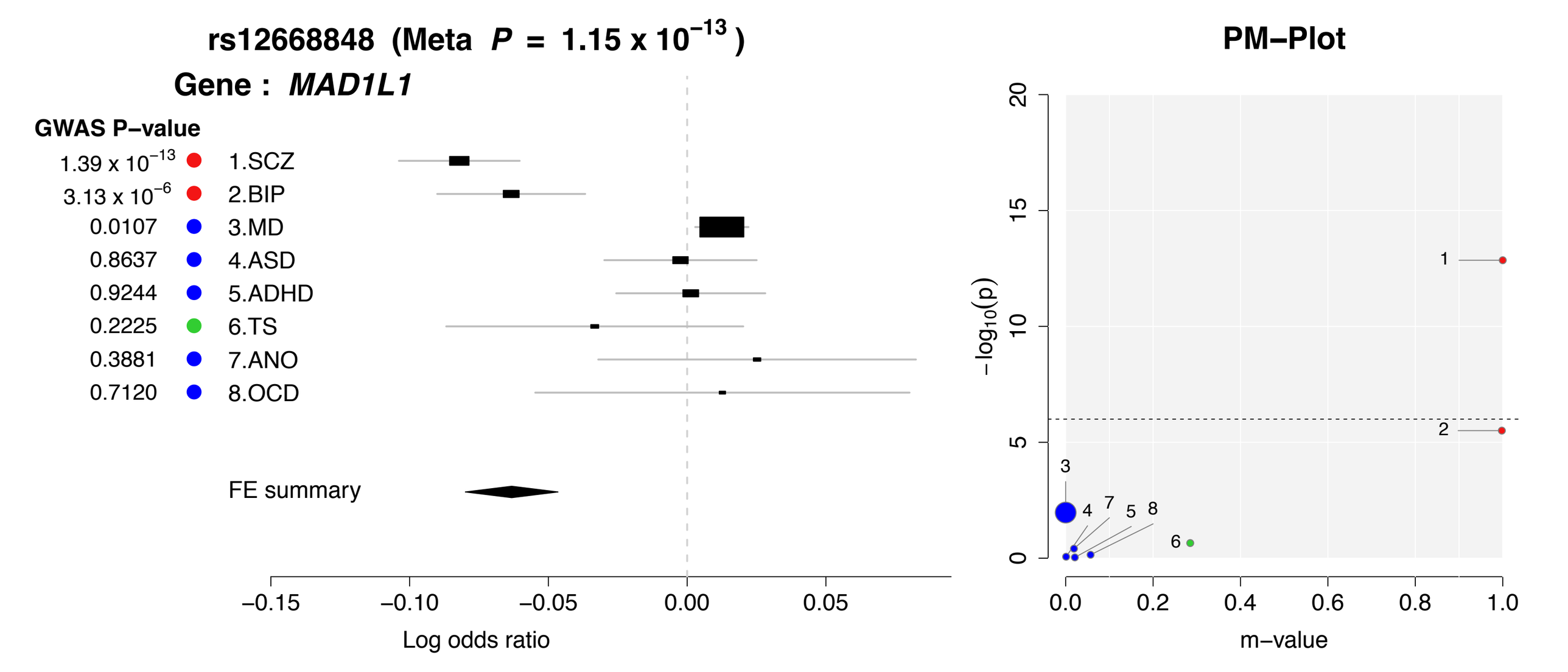

rs11874716 (Meta P = 8.26 x 10−9)
Gene : (>200kb)
GWAS P−value
1.00 x 10−9
0.1172
7.15 x 10−6
0.7138
0.3393
0.2812
0.6339
0.9906
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.10
−0.05
0.00
0.05
0.10
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
1
3
6
4
8
5
7
2
0.0
0.2
0.4
0.6
0.8
1.0
m−value

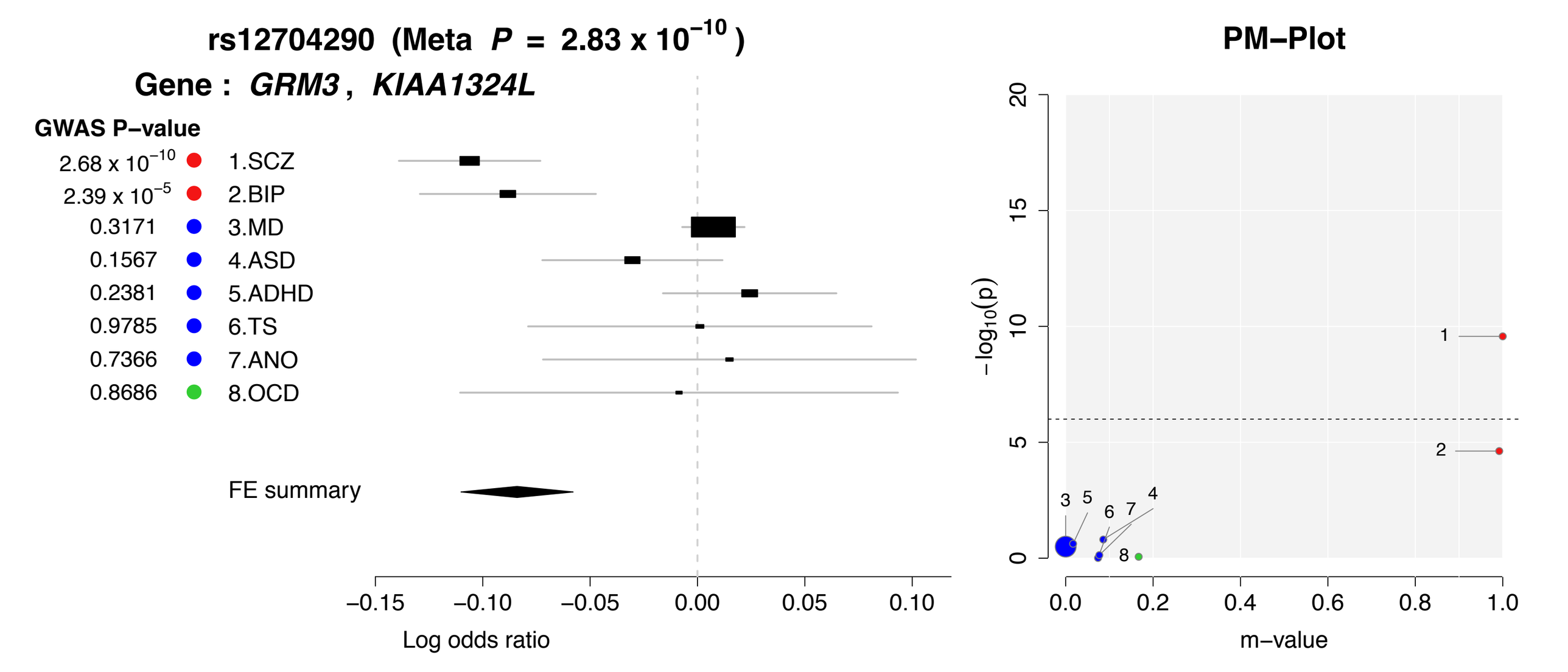

rs11887562 (Meta P = 2.79 x 10−8)
Gene : (>200kb)
GWAS P−value
9.97 x 10−8
6.95 x 10−5
0.0007
0.8789
0.9013
0.8583
0.4416
0.1034
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.10
−0.05
0.00
0.05
0.10
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
1
2
3
4
5
6
7
8
0.0
0.2
0.4
0.6
0.8
1.0
m−value

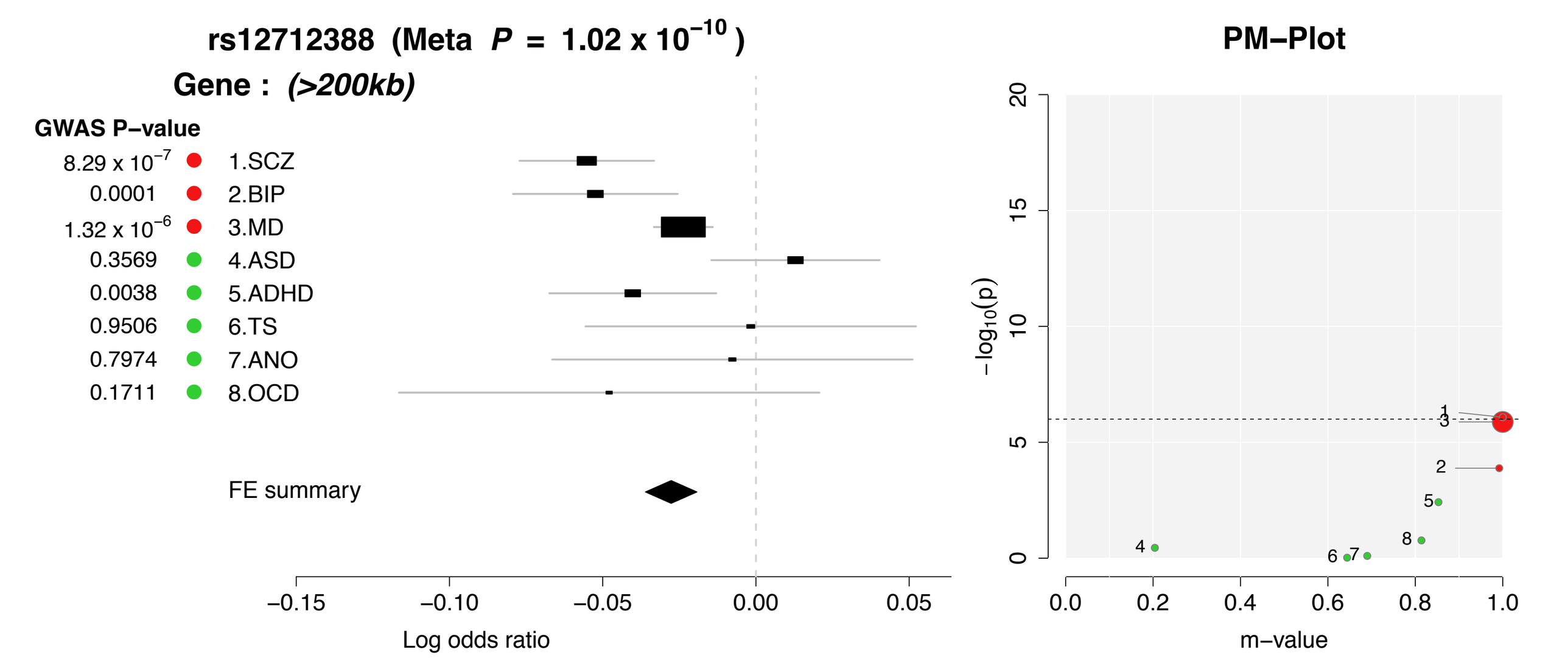

rs12129573 (Meta P = 5.2e x 10^-17)
Gene : (>200kb)
GWAS P–value
9.05 x 10^-10
0.0233
5.21 x 10^-12
0.0723
0.0010
0.4873
0.3424
0.3022
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
–0.10
–0.05
0.00
0.05
0.10
Log odds ratio
PM–Plot
−log10(p)
0
5
10
15
20
3
1
5
2
4
7
8
6
0.0
0.2
0.4
0.6
0.8
1.0
m–value

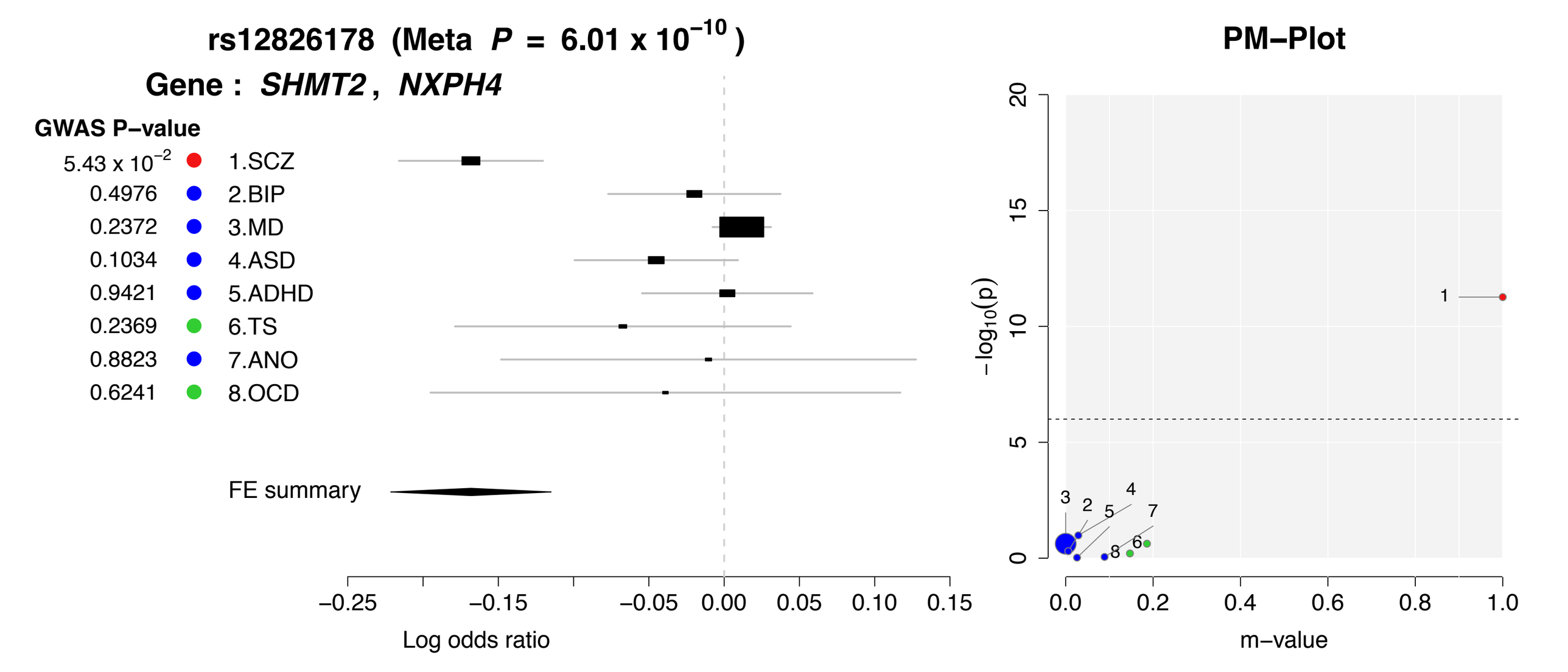

rs12474906 (Meta P = 8.05 x 10−9)
Gene : RBKS , MRPL33
GWAS P−value
5.60 x 10−8 1.SCZ
9.85 x 10−5 2.BIP
0.0036 3.MD
0.7347 4.ASD
0.6315 5.ADHD
0.7065 6.TS
0.8131 7.ANO
0.0202 8.OCD
FE summary
−0.10 −0.05 0.00 0.05 0.10 0.15 0.20
Log odds ratio
PM−Plot
−log10(p)
0 5 10 15 20
1
2
3
4
5 6 7
8
0.0 0.2 0.4 0.6 0.8 1.0
m−value

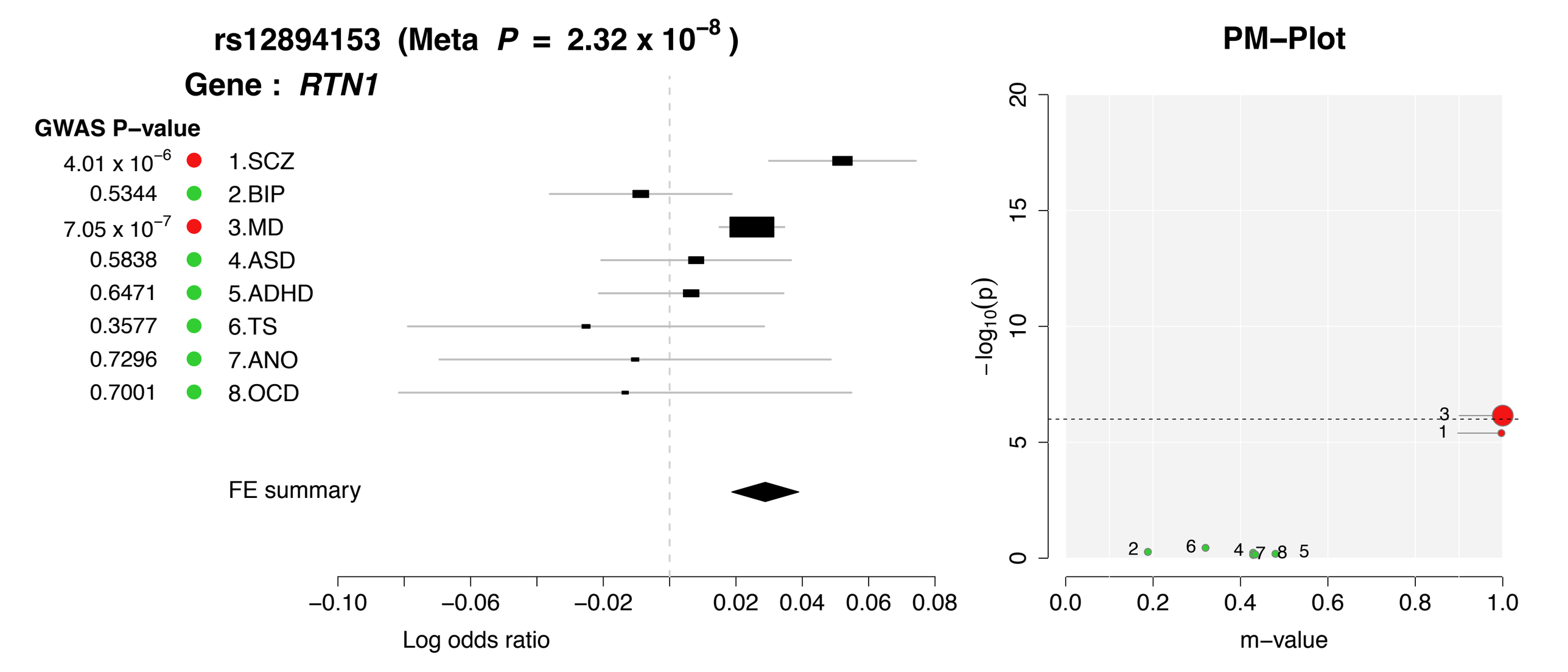

rs12658451 (Meta P = 1.55 x 10−16 )
Gene : (>200kb)
GWAS P−value
2.56 x 10−5
0.0069
1.69 x 100
1.30 x 10−5
7.16 x 10−6
0.0055
0.0011
0.5018
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.20
−0.15
−0.10
−0.05
0.00
0.05
0.10
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
3
5
4
1
7
6
2
8
0.0
0.2
0.4
0.6
0.8
1.0
m−value

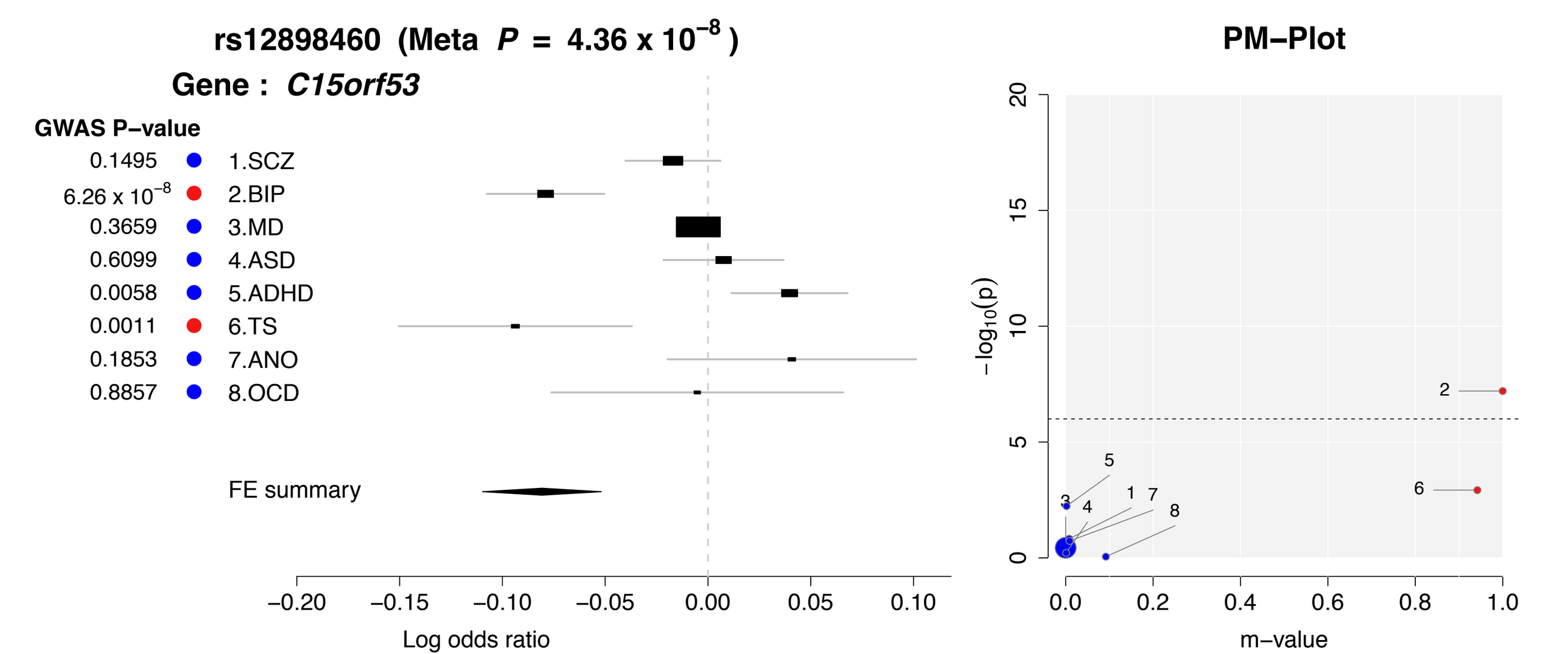

rs12668848 (Meta P = 1.15 x 10−13)
Gene : MAD1L1
GWAS P−value
1.39 x 10−13 1.SCZ
3.13 x 10−6 2.BIP
0.0107 3.MD
0.8637 4.ASD
0.9244 5.ADHD
0.2225 6.TS
0.3881 7.ANO
0.7120 8.OCD
FE summary
−0.15 −0.10 −0.05 0.00 0.05
Log odds ratio
PM−Plot
−log10(p)
0 5 10 15 20
1 2 3 4 5 6 7 8
0.0 0.2 0.4 0.6 0.8 1.0
m−value

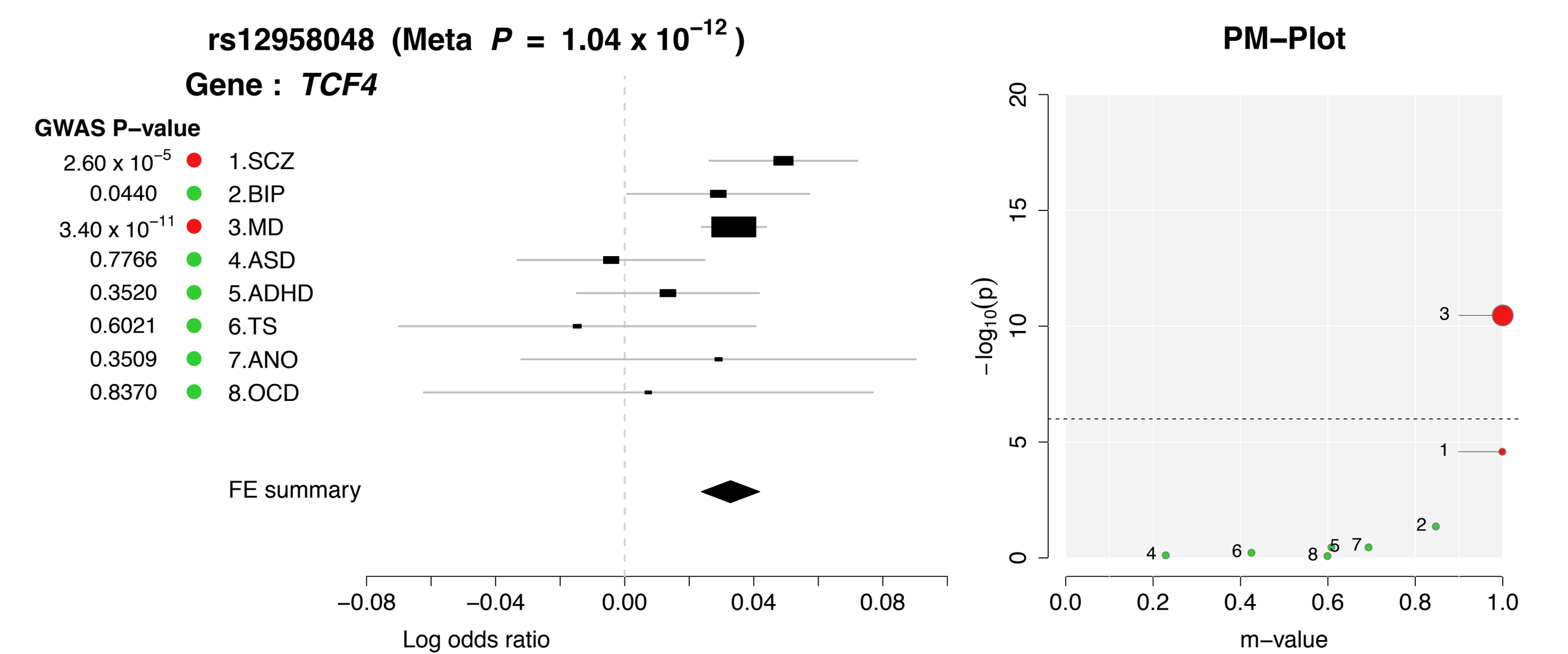

rs12704290 (Meta P = 2.83 x 10−10)
Gene : GRM3 , KIAA1324L
GWAS P−value
2.68 x 10−10
2.39 x 10−5
0.3171
0.1567
0.2381
0.9785
0.7366
0.8686
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.15
−0.10
−0.05
0.00
0.05
0.10
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
1
2
3
5
6
7
4
8
0.0
0.2
0.4
0.6
0.8
1.0
m−value

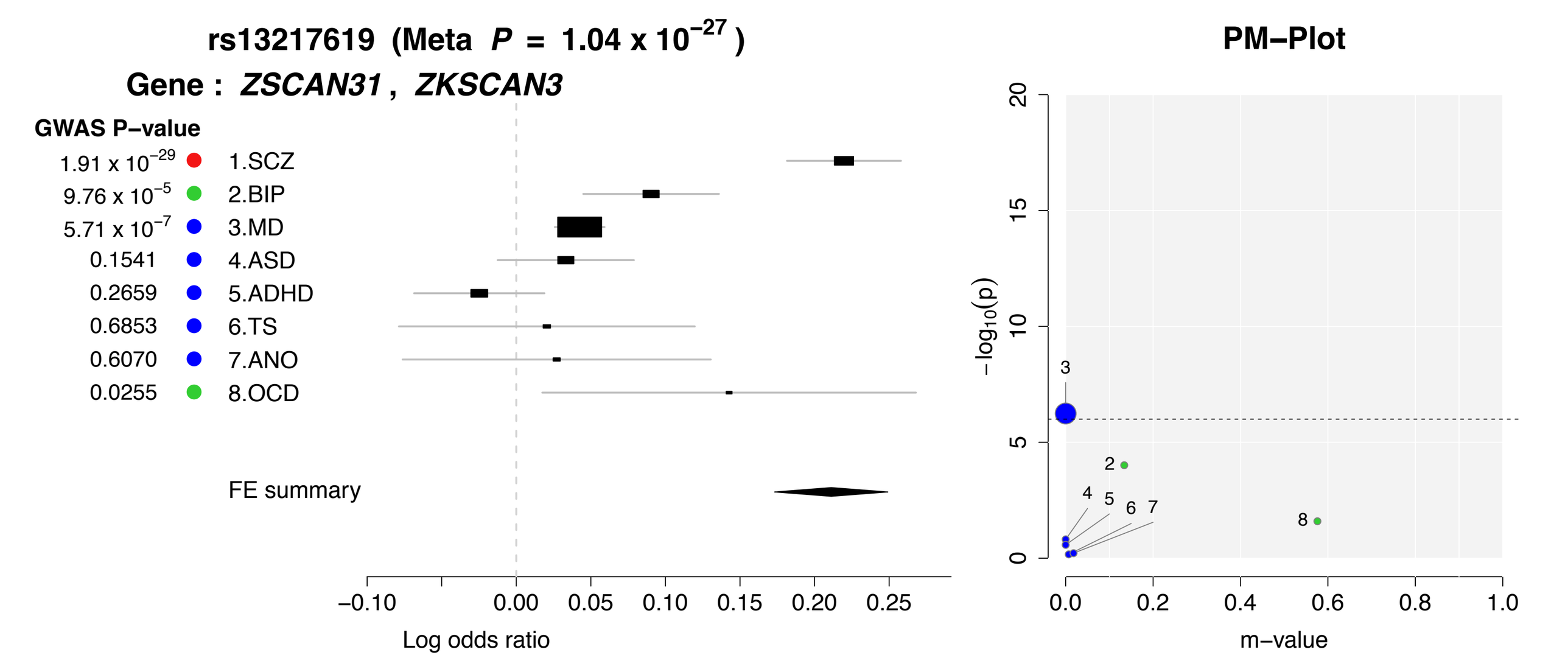

rs12712388 (Meta P = 1.02 x 10−10)
Gene : (>200kb)
GWAS P−value
8.29 x 10−7
0.0001
1.32 x 10−6
0.3569
0.0038
0.9506
0.7974
0.1711
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.15
−0.10
−0.05
0.00
0.05
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value

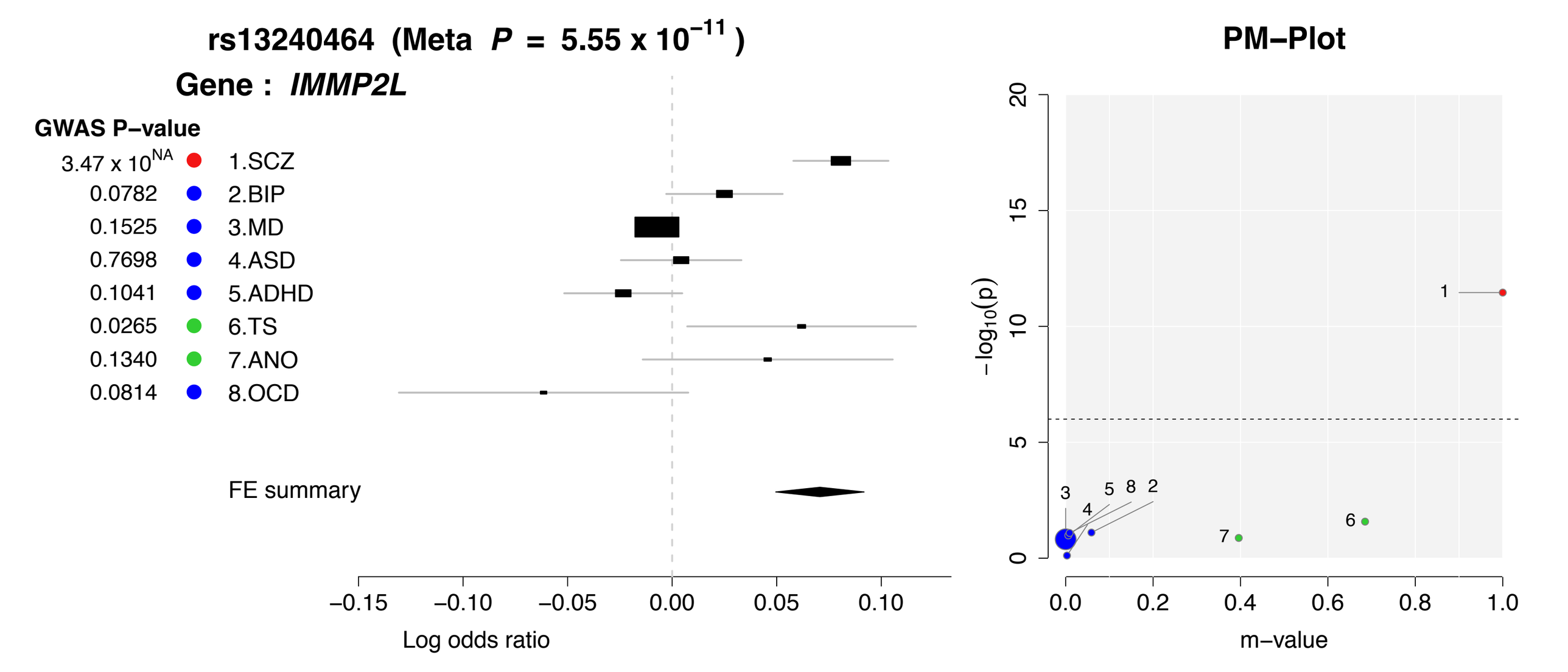

rs12826178 (Meta P = 6.01 x 10−10)
Gene : SHMT2 , NXPH4
GWAS P−value
5.43 x 10−2 1.SCZ
0.4976 2.BIP
0.2372 3.MD
0.1034 4.ASD
0.9421 5.ADHD
0.2369 6.TS
0.8823 7.ANO
0.6241 8.OCD
FE summary
−0.25 −0.15 −0.05 0.00 0.05 0.10 0.15
Log odds ratio
PM−Plot
−log10(p)
0 5 10 15 20
1
3 2 4 5 7 6 8
0.0 0.2 0.4 0.6 0.8 1.0
m−value

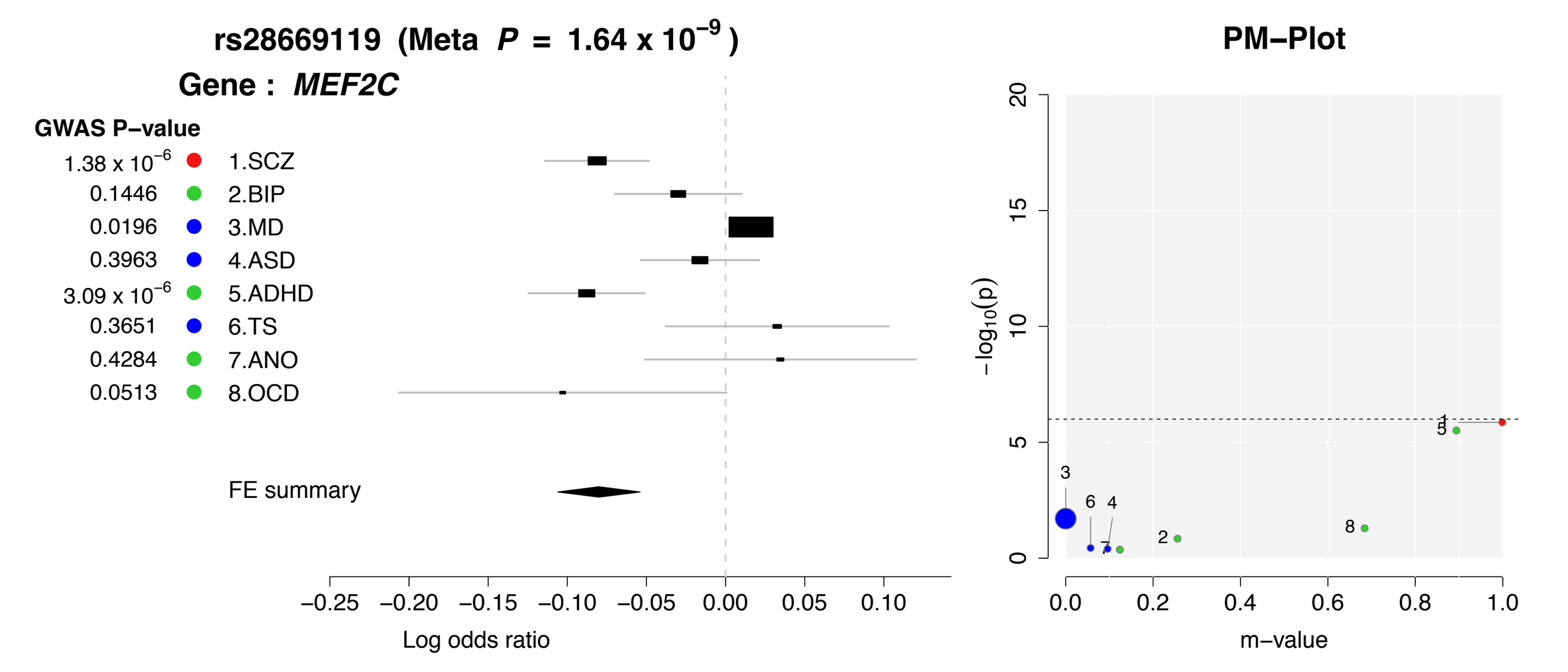

rs12894153 (Meta P = 2.32 x 10−8)
Gene : RTN1
GWAS P−value
4.01 x 10−6
0.5344
7.05 x 10−7
0.5838
0.6471
0.3577
0.7296
0.7001
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.10
−0.06
−0.02
0.02
0.04
0.06
0.08
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
3
1
2
6
4
7
8
5
0.0
0.2
0.4
0.6
0.8
1.0
m−value

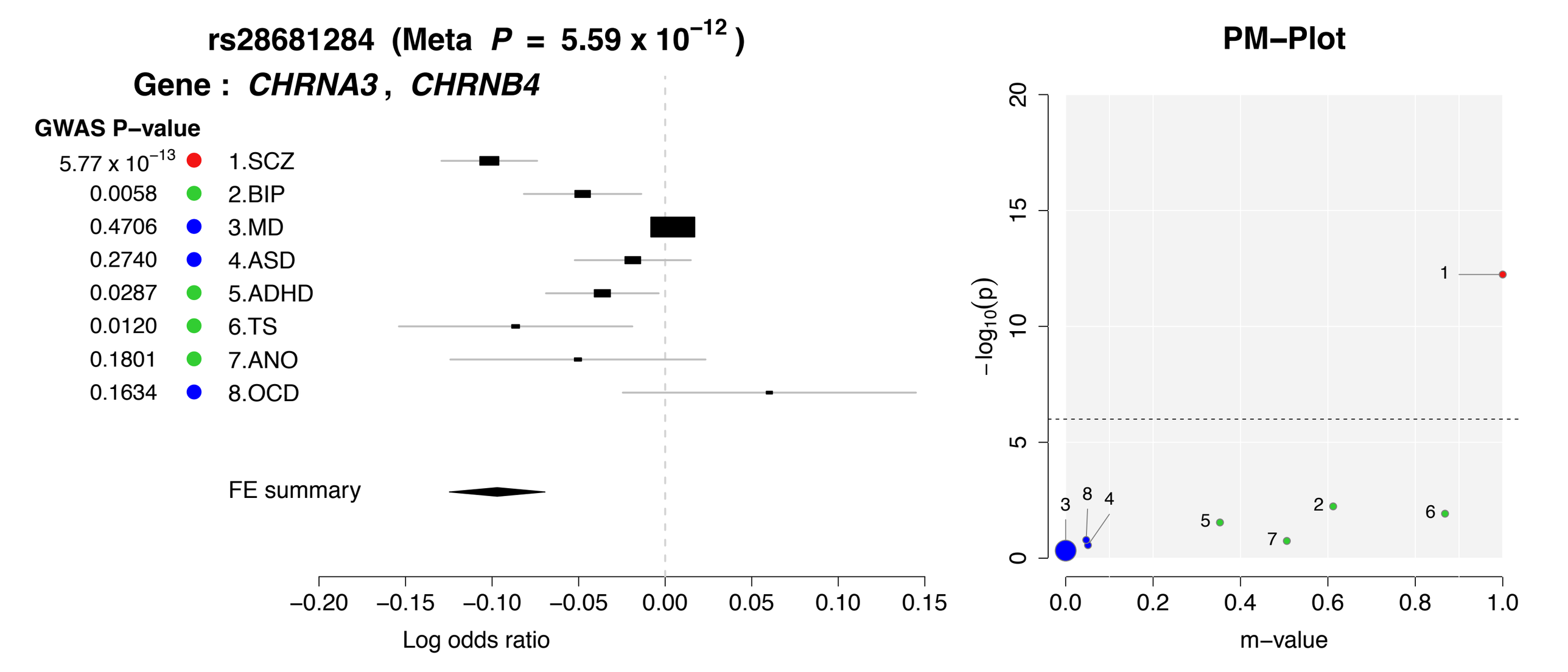

rs12898460 (Meta P = 4.36 x 10−8)
Gene : C15orf53
GWAS P−value
0.1495 1.SCZ
6.26 x 10−8 2.BIP
0.3659 3.MD
0.6099 4.ASD
0.0058 5.ADHD
0.0011 6.TS
0.1853 7.ANO
0.8857 8.OCD
FE summary
−0.20 −0.15 −0.10 −0.05 0.00 0.05 0.10
Log odds ratio
PM−Plot
−log10(p)
0 5 10 15 20
2
5
6
3 4 1 7 8
0.0 0.2 0.4 0.6 0.8 1.0
m−value

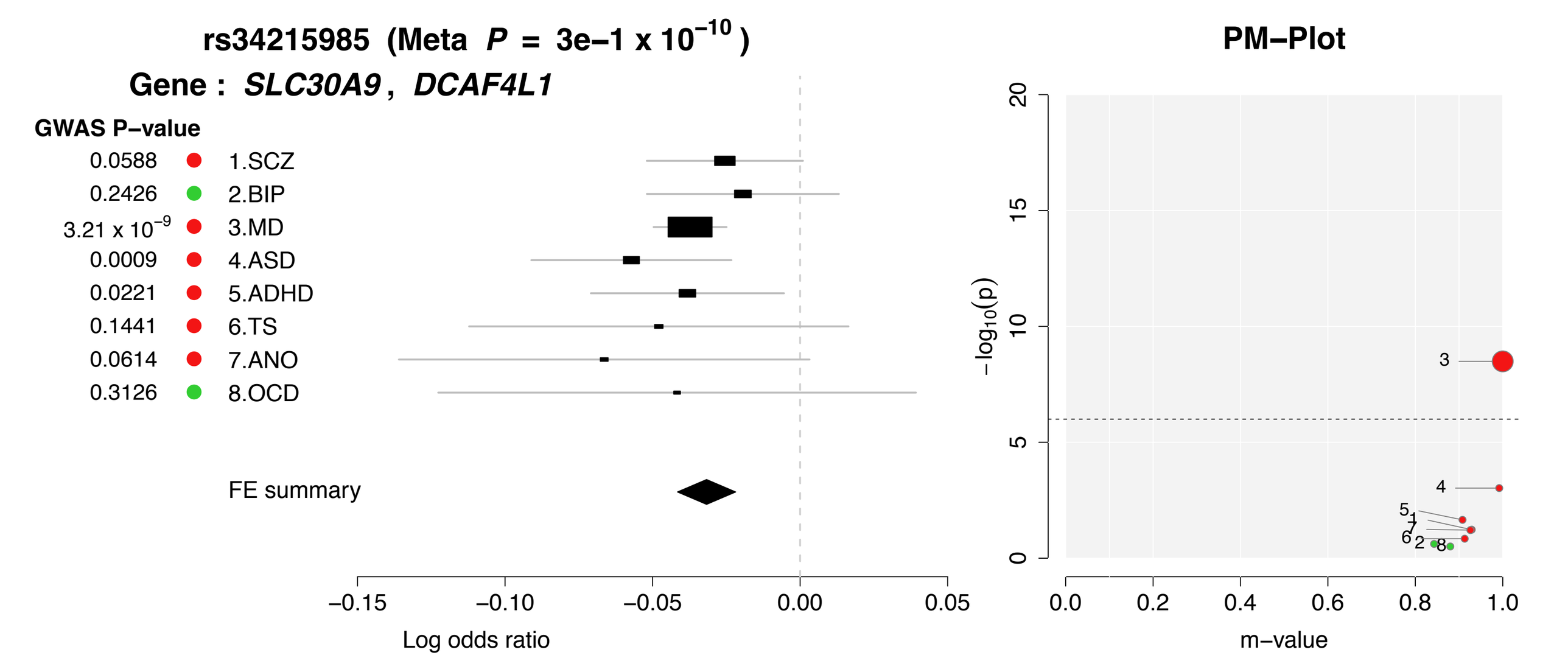

rs12958048 (Meta P = 1.04 x 10−12)
Gene : TCF4
GWAS P−value
2.60 x 10−5
0.0440
3.40 x 10−11
0.7766
0.3520
0.6021
0.3509
0.8370
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.08
−0.04
0.00
0.04
0.08
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
3
1
2
4
6
8
5
7
0.0
0.2
0.4
0.6
0.8
1.0
m−value

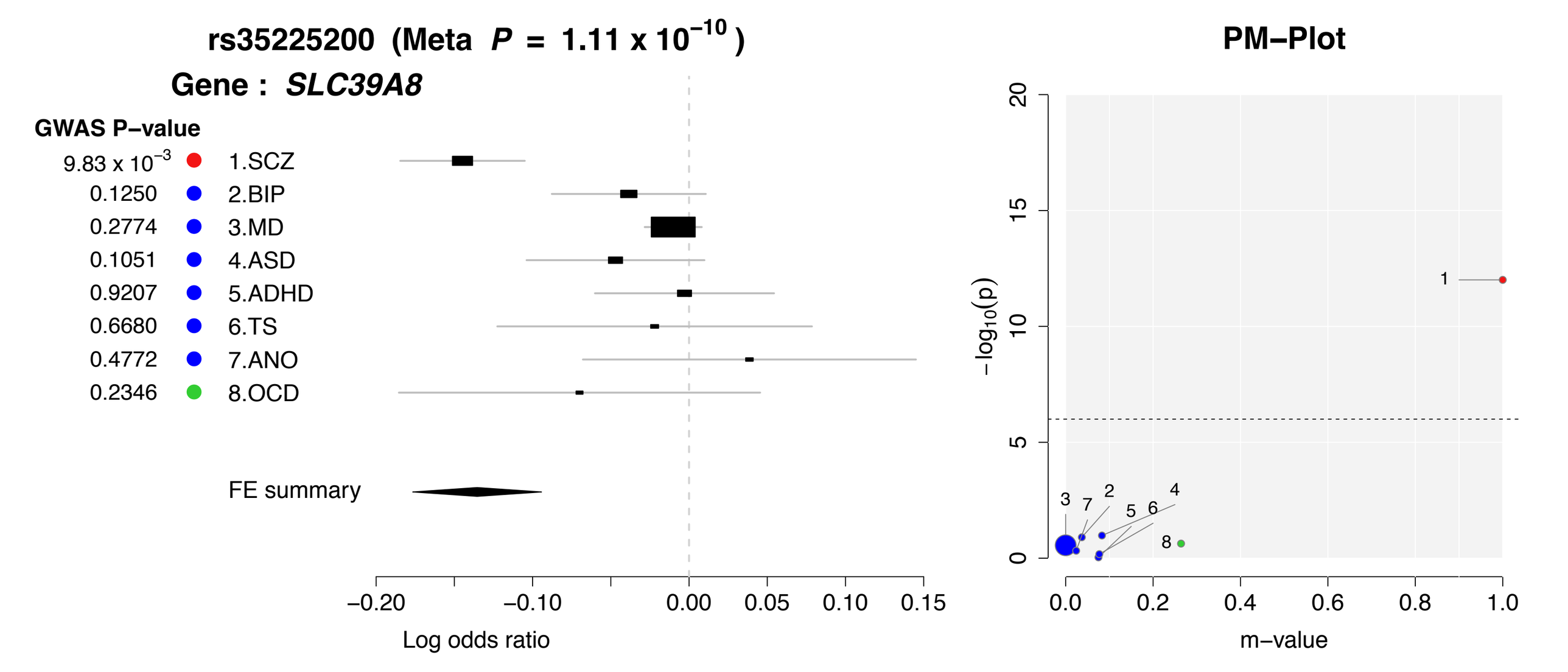

rs13217619 (Meta P = 1.04 x 10−27)
Gene : ZSCAN31 , ZKSCAN3
GWAS P–value
1.91 x 10−29 1.SCZ
9.76 x 10−5 2.BIP
5.71 x 10−7 3.MD
0.1541 4.ASD
0.2659 5.ADHD
0.6853 6.TS
0.6070 7.ANO
0.0255 8.OCD
FE summary
−0.10 0.00 0.05 0.10 0.15 0.20 0.25
Log odds ratio
PM–Plot
−log10(p)
0 5 10 15 20
3
2
4 5 6 7
8
0.0 0.2 0.4 0.6 0.8 1.0
m–value

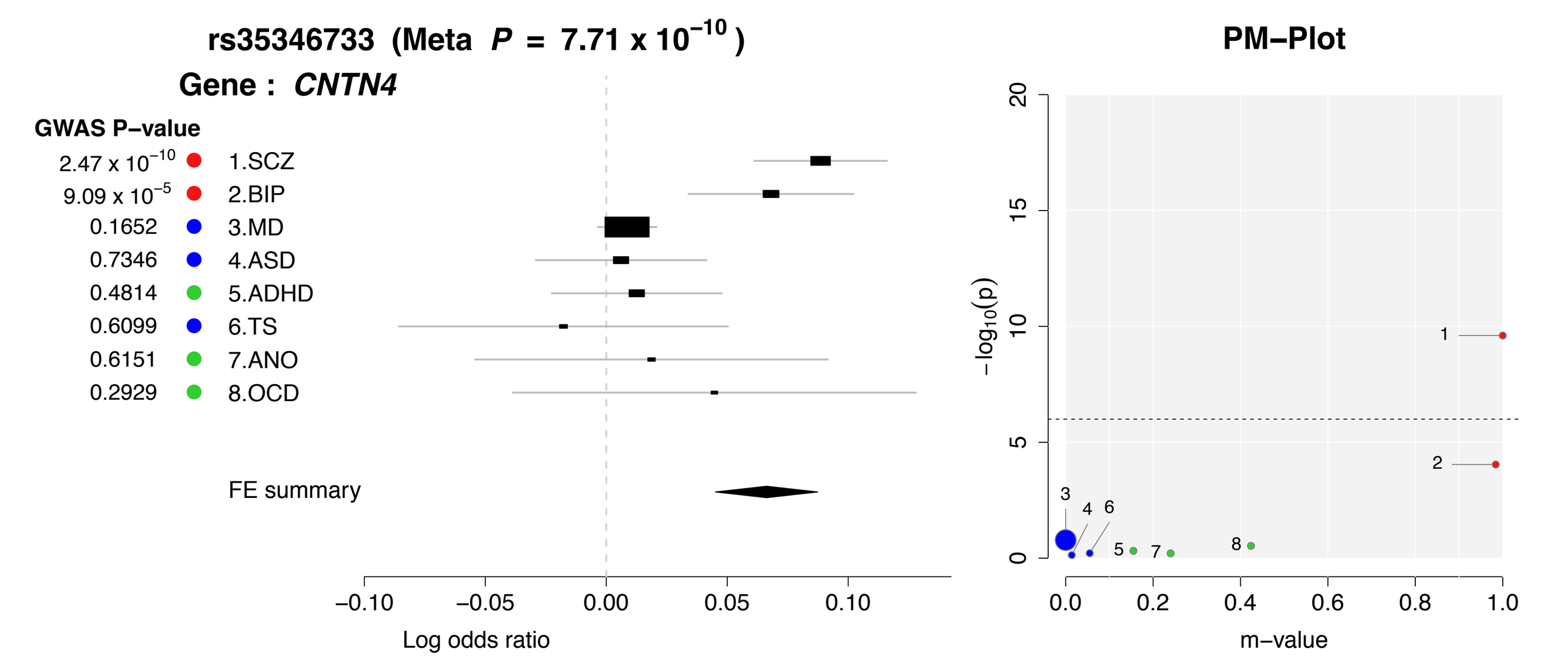

rs13240464 (Meta P = 5.55 x 10−11 )
Gene : IMMP2L
GWAS P−value
3.47 x 10NA 1.SCZ
0.0782 2.BIP
0.1525 3.MD
0.7698 4.ASD
0.1041 5.ADHD
0.0265 6.TS
0.1340 7.ANO
0.0814 8.OCD
FE summary
−0.15 −0.10 −0.05 0.00 0.05 0.10
Log odds ratio
PM−Plot
−log10(p)
0 5 10 15 20
1
3 4 5 8 2
6
7
0.0 0.2 0.4 0.6 0.8 1.0
m−value

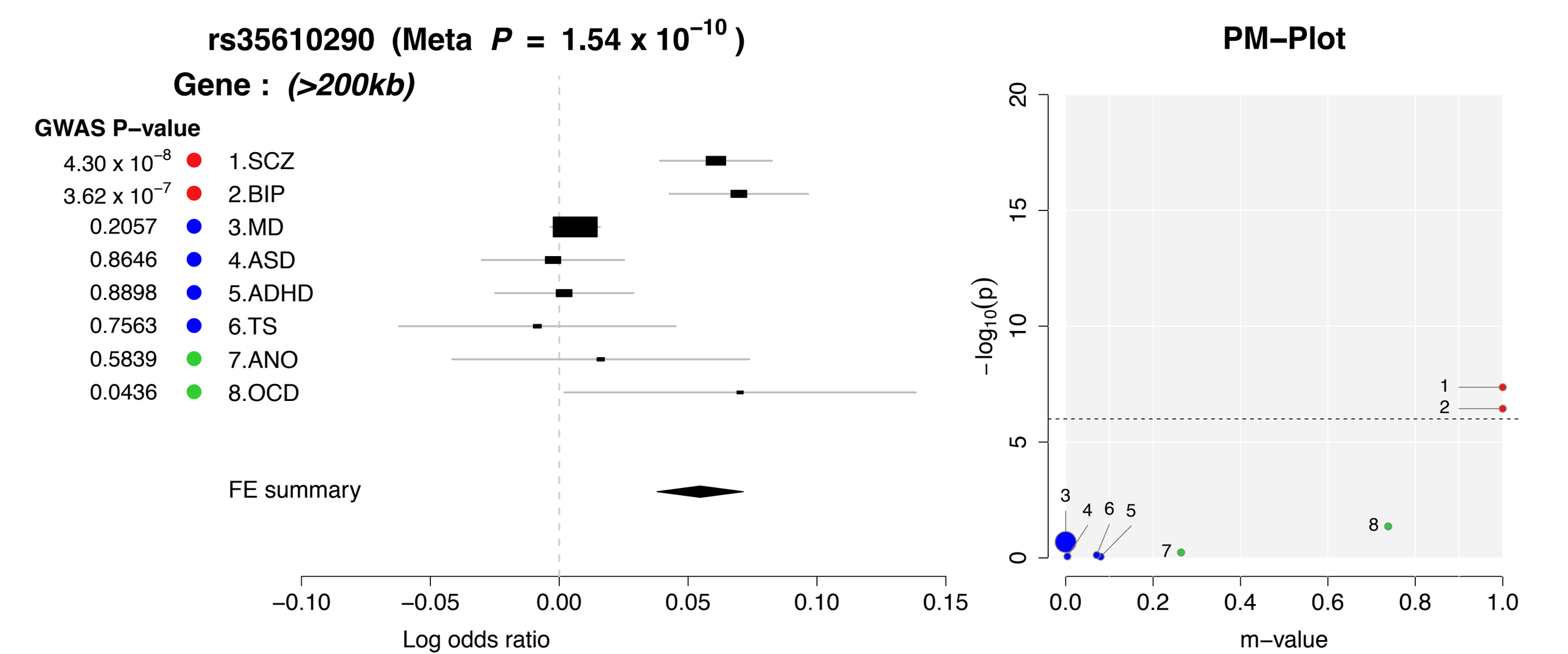

rs28669119 (Meta P = 1.64 x 10−9)
Gene : MEF2C
GWAS P−value
1.38 x 10−6
0.1446
0.0196
0.3963
3.09 x 10−6
0.3651
0.4284
0.0513
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.25
−0.20
−0.15
−0.10
−0.05
0.00
0.05
0.10
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value
1
5
3
6
4
2
7
8

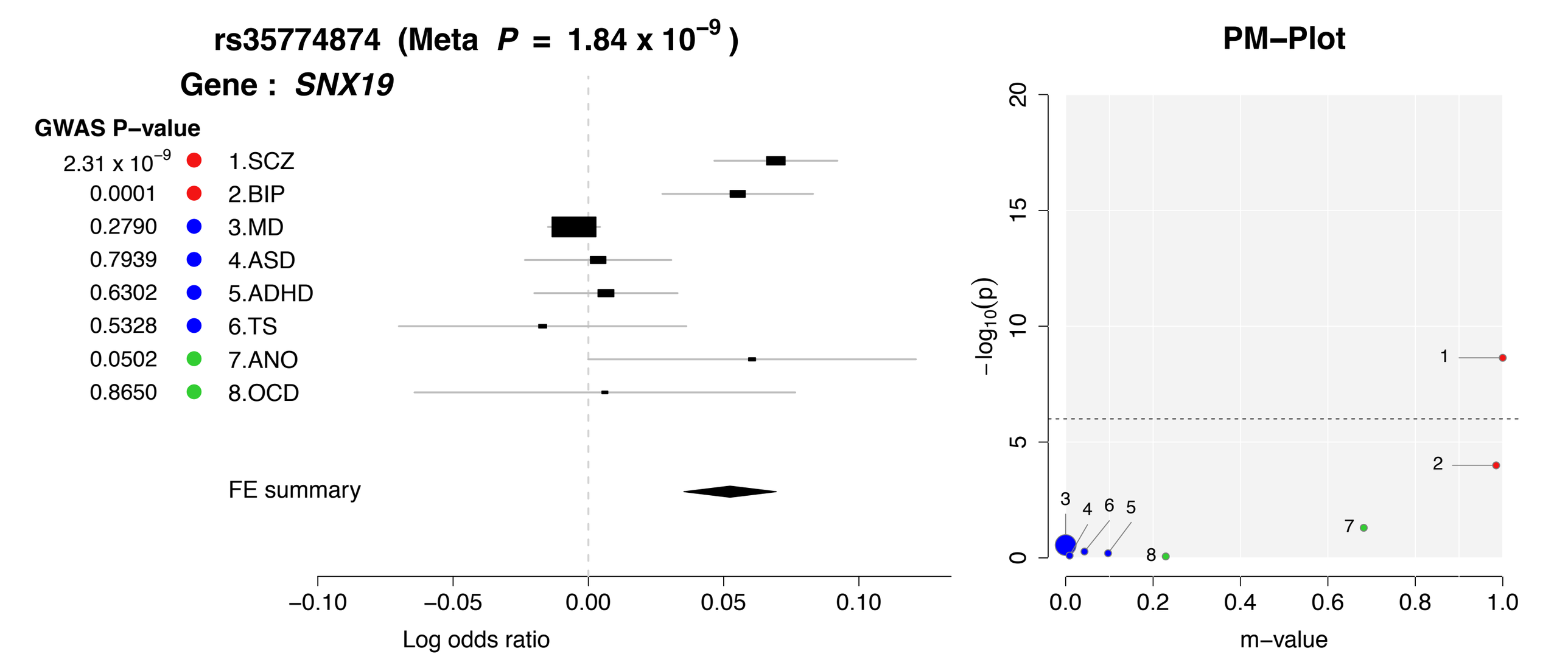

rs28681284 (Meta P = 5.59 x 10−12)
Gene : CHRNA3 , CHRNB4
GWAS P−value
5.77 x 10−13 1.SCZ
0.0058 2.BIP
0.4706 3.MD
0.2740 4.ASD
0.0287 5.ADHD
0.0120 6.TS
0.1801 7.ANO
0.1634 8.OCD
FE summary
−0.20 −0.15 −0.10 −0.05 0.00 0.05 0.10 0.15
Log odds ratio
PM−Plot
−log10(p)
0 5 10 15 20
1
3 8 4
5
7
2
6
0.0 0.2 0.4 0.6 0.8 1.0
m−value

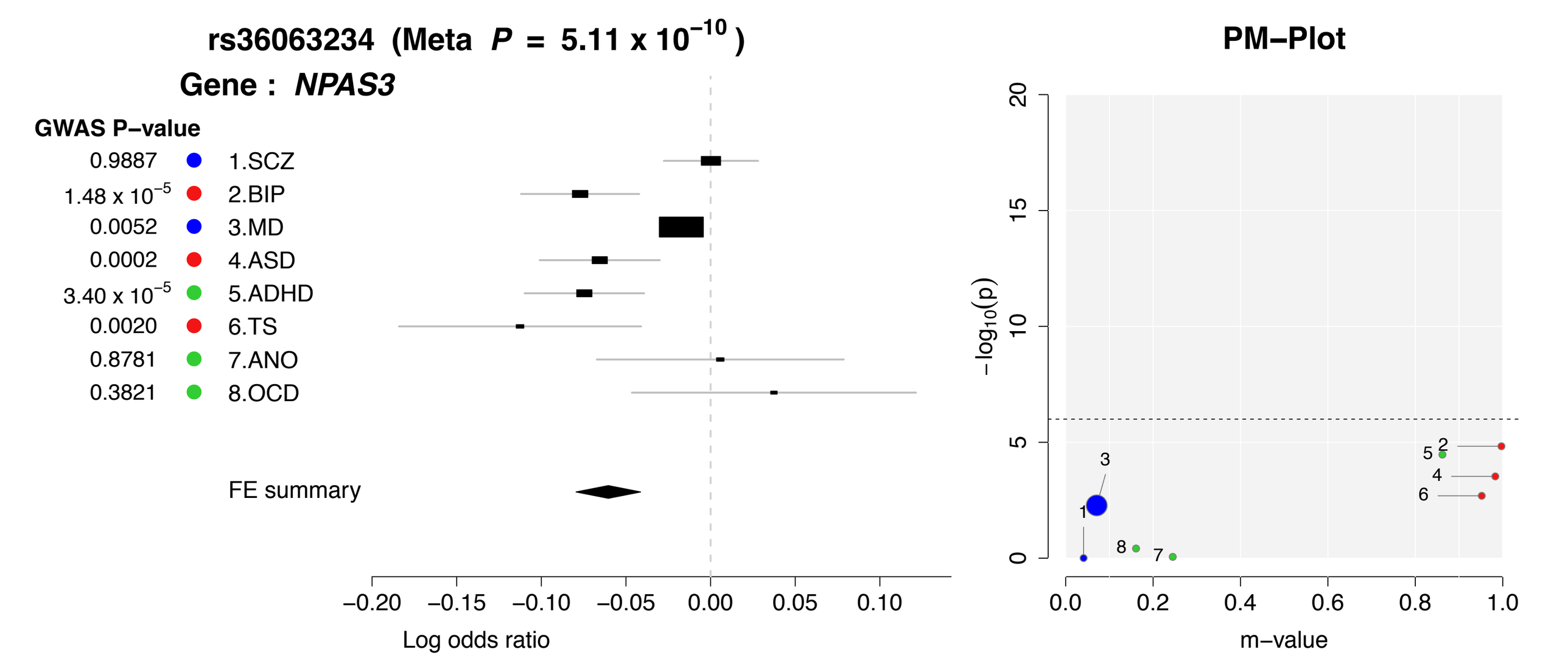

rs34215985 (Meta P = 3e−1 x 10−10)
Gene : SLC30A9, DCAF4L1
GWAS P−value
0.0588 1.SCZ
0.2426 2.BIP
3.21 x 10−9 3.MD
0.0009 4.ASD
0.0221 5.ADHD
0.1441 6.TS
0.0614 7.ANO
0.3126 8.OCD
FE summary
−0.15
−0.10
−0.05
0.00
0.05
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
3
4
5
1
7
6
2
8
0.0
0.2
0.4
0.6
0.8
1.0
m−value

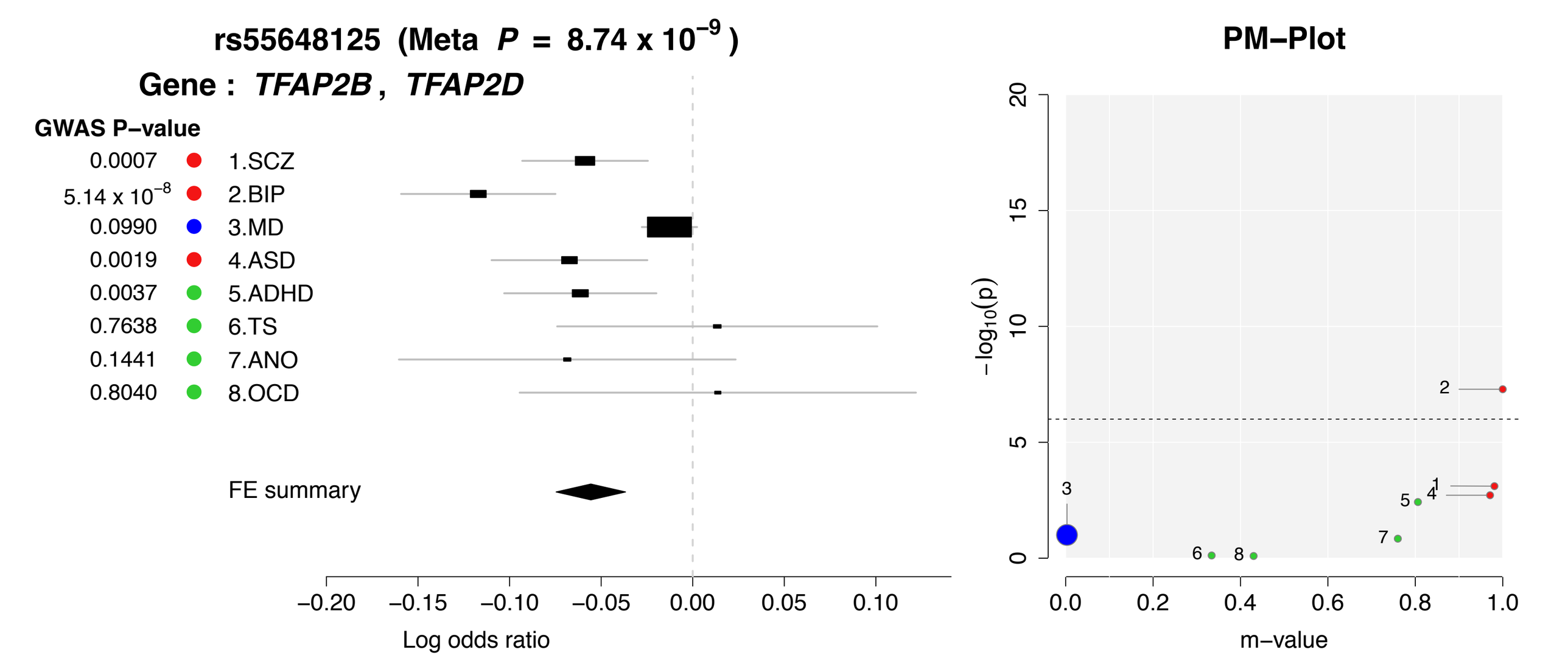

rs35225200 (Meta P = 1.11 x 10−10)
Gene : SLC39A8
GWAS P−value
9.83 x 10−3 1.SCZ
0.1250 2.BIP
0.2774 3.MD
0.1051 4.ASD
0.9207 5.ADHD
0.6680 6.TS
0.4772 7.ANO
0.2346 8.OCD
FE summary
−0.20
−0.10
0.00
0.05
0.10
0.15
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
1
2
3
4
5
6
7
8
0.0
0.2
0.4
0.6
0.8
1.0
m−value

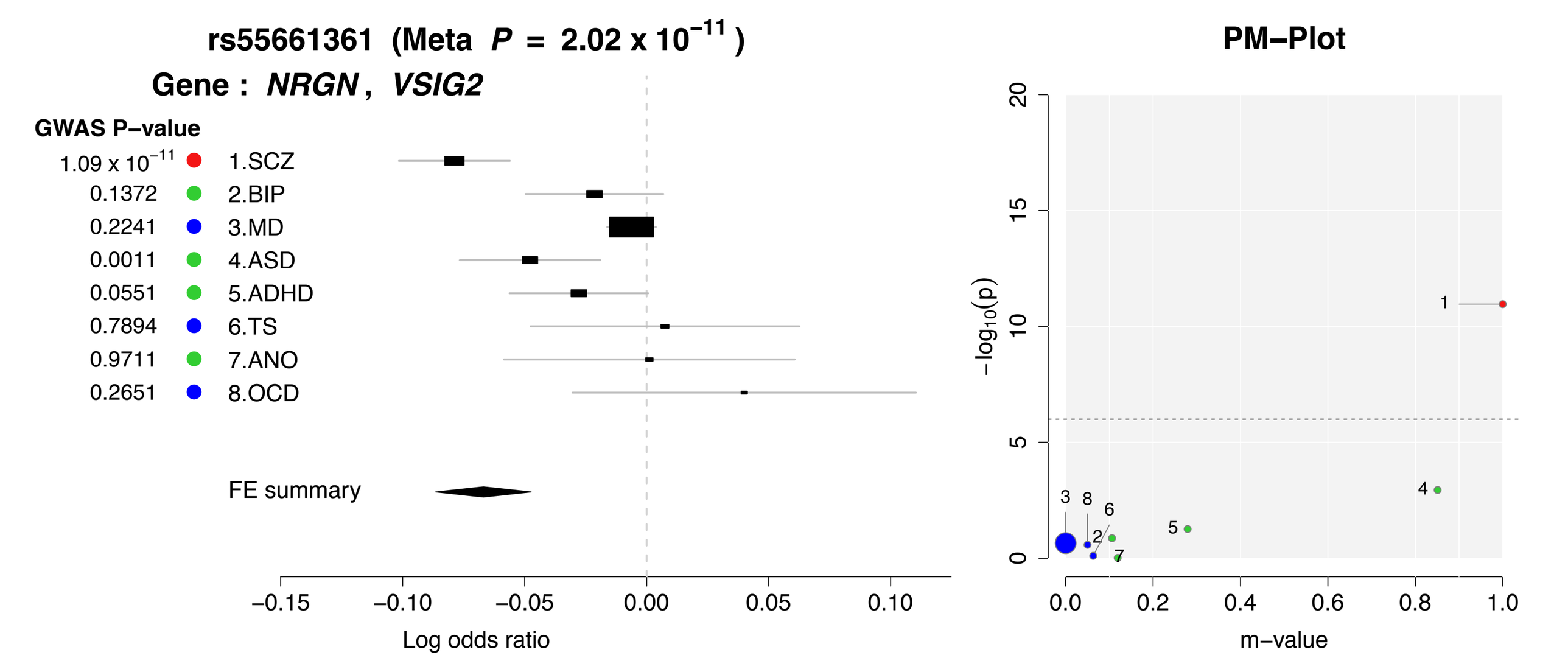

rs35346733 (Meta P = 7.71 x 10−10)
Gene : CNTN4
GWAS P−value
2.47 x 10−10 1.SCZ
9.09 x 10−5 2.BIP
0.1652 3.MD
0.7346 4.ASD
0.4814 5.ADHD
0.6099 6.TS
0.6151 7.ANO
0.2929 8.OCD
FE summary
−0.10
−0.05
0.00
0.05
0.10
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
1
2
3
4
6
5
7
8
0.0
0.2
0.4
0.6
0.8
1.0
m−value

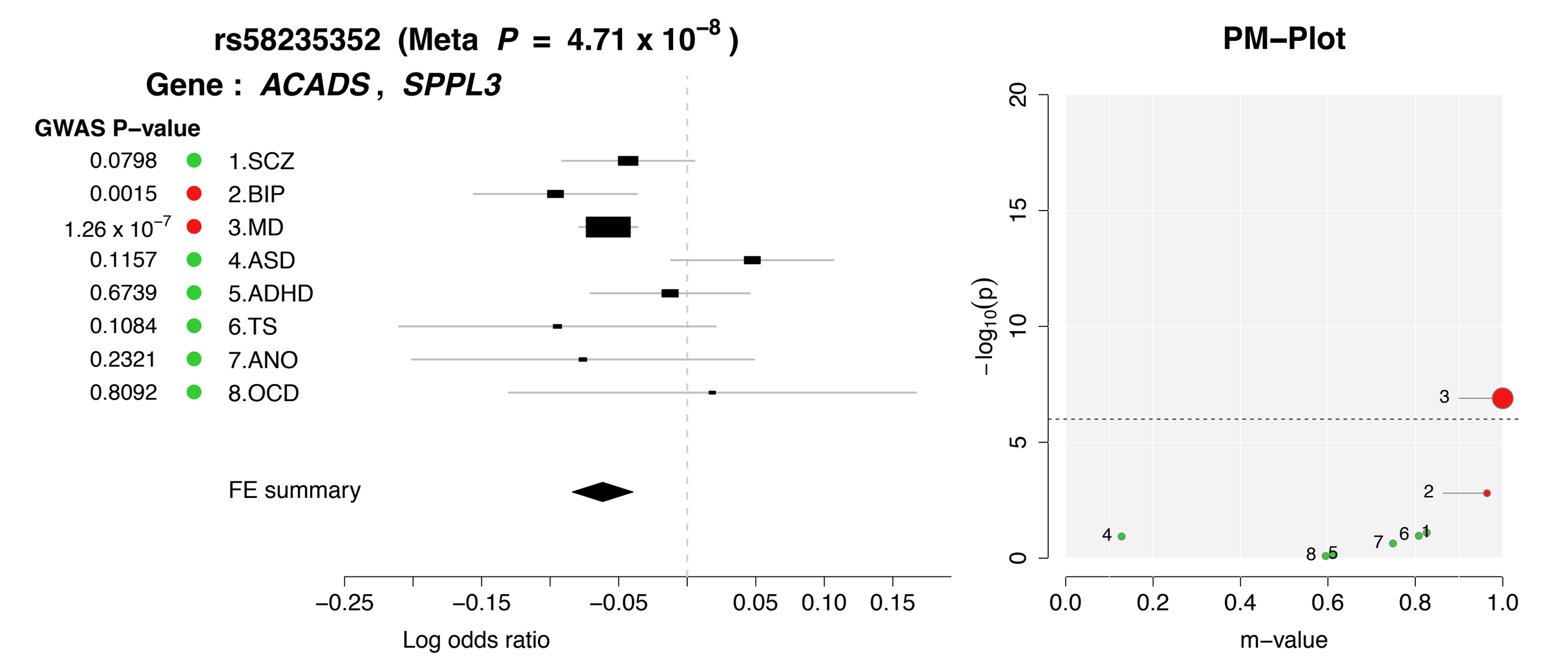

rs35610290 (Meta P = 1.54 x 10−10 )
Gene : (>200kb)
GWAS P−value
4.30 x 10−8
3.62 x 10−7
0.2057
0.8646
0.8898
0.7563
0.5839
0.0436
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.10
−0.05
0.00
0.05
0.10
0.15
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value
1
2
3
4
6
5
8
7

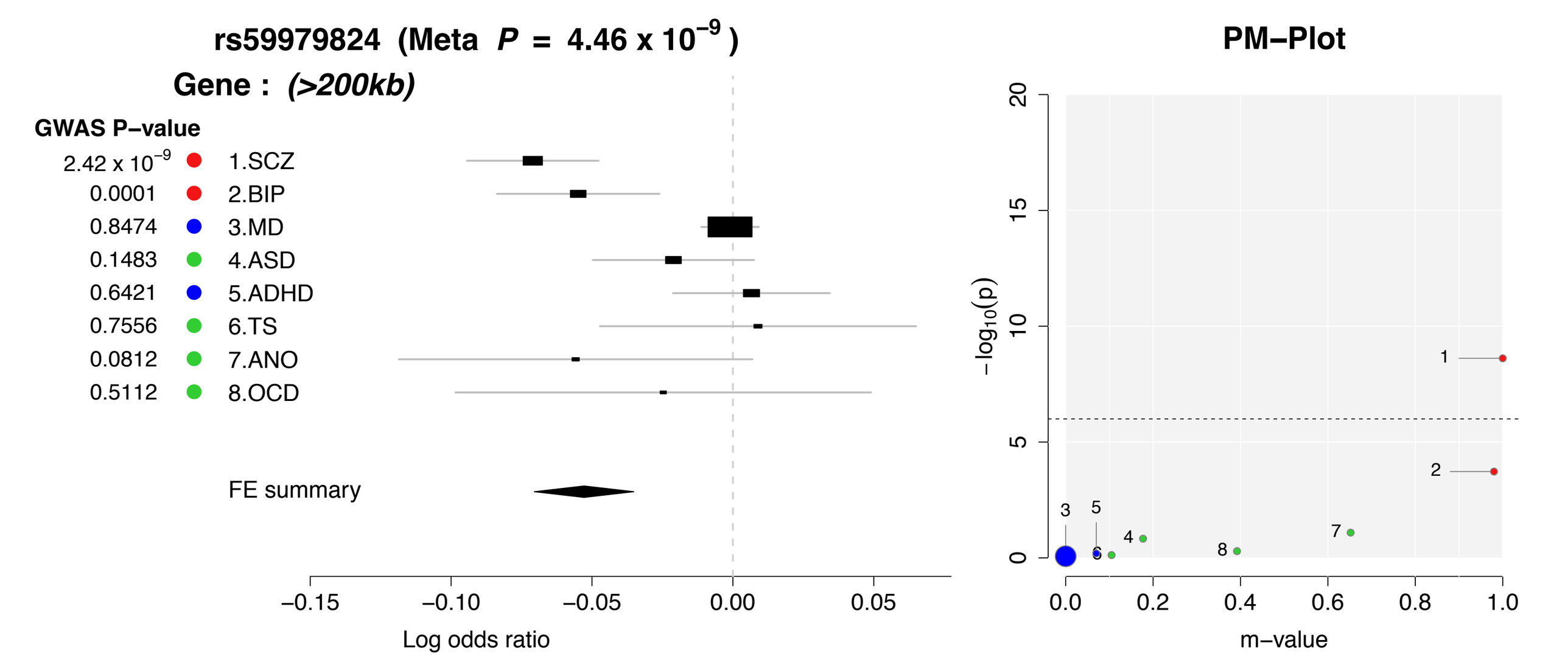

rs35774874 (Meta P = 1.84 x 10−9)
Gene : SNX19
GWAS P−value
2.31 x 10−9 1.SCZ
0.0001 2.BIP
0.2790 3.MD
0.7939 4.ASD
0.6302 5.ADHD
0.5328 6.TS
0.0502 7.ANO
0.8650 8.OCD
FE summary
−0.10
−0.05
0.00
0.05
0.10
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
1
2
3
4
6
5
7
8
0.0
0.2
0.4
0.6
0.8
1.0
m−value

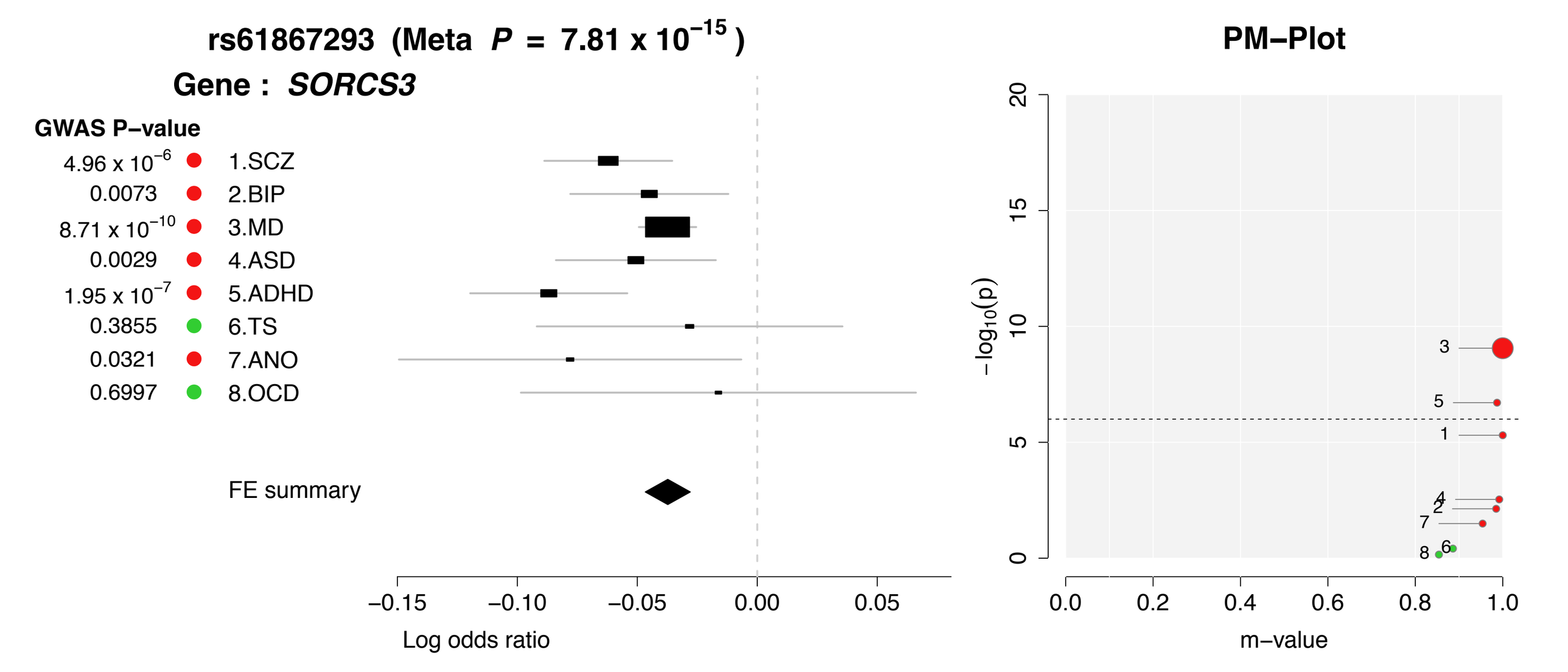

rs36063234 (Meta P = 5.11 x 10−10)
Gene : NPAS3
GWAS P−value
0.9887 1.SCZ
1.48 x 10−5 2.BIP
0.0052 3.MD
0.0002 4.ASD
3.40 x 10−5 5.ADHD
0.0020 6.TS
0.8781 7.ANO
0.3821 8.OCD
FE summary
−0.20 −0.15 −0.10 −0.05 0.00 0.05 0.10
Log odds ratio
PM−Plot
−log10(p)
0 5 10 15 20
0.0 0.2 0.4 0.6 0.8 1.0
m−value
1 2 3 4 5 6 7 8

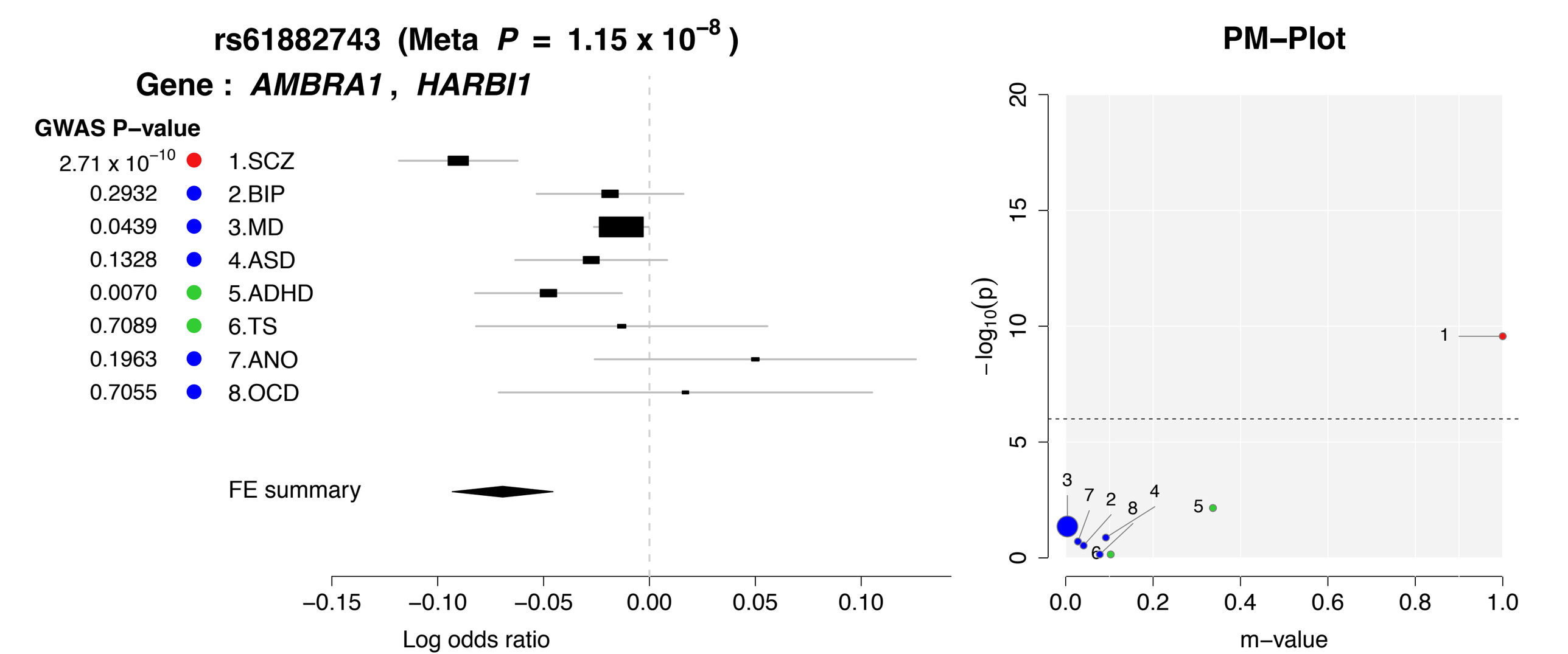

rs55648125 (Meta P = 8.74 x 10−9)
Gene : TFAP2B , TFAP2D
GWAS P−value
0.0007 1.SCZ
5.14 x 10−8 2.BIP
0.0990 3.MD
0.0019 4.ASD
0.0037 5.ADHD
0.7638 6.TS
0.1441 7.ANO
0.8040 8.OCD
FE summary
−0.20 −0.15 −0.10 −0.05 0.00 0.05 0.10
Log odds ratio
PM−Plot
−log10(p)
0 5 10 15 20
0.0 0.2 0.4 0.6 0.8 1.0
m−value
1 2 3 4 5 6 7 8

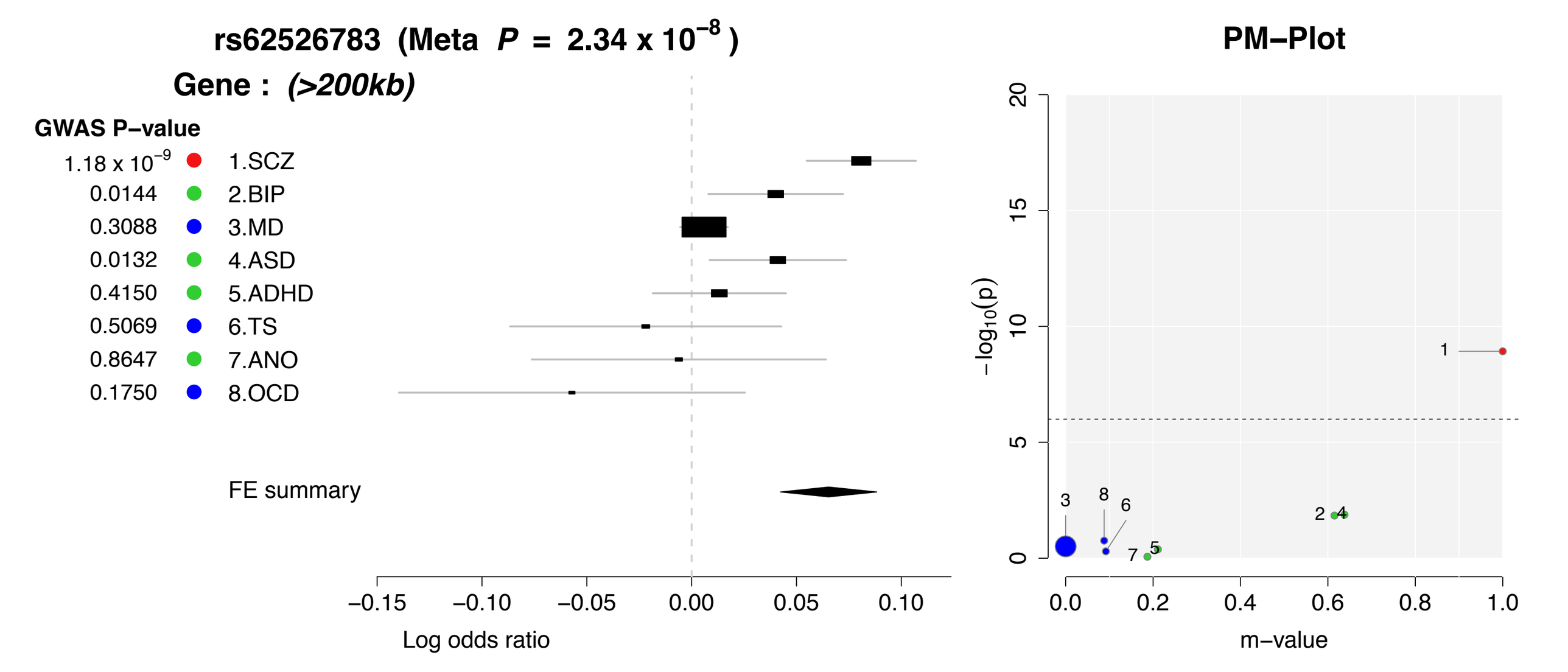

rs55661361 (Meta P = 2.02 x 10−11)
Gene : NRGN, VSIG2
GWAS P−value
1.09 x 10−11 1.SCZ
0.1372 2.BIP
0.2241 3.MD
0.0011 4.ASD
0.0551 5.ADHD
0.7894 6.TS
0.9711 7.ANO
0.2651 8.OCD
FE summary
−0.15 −0.10 −0.05 0.00 0.05 0.10
Log odds ratio
PM−Plot
−log10(p)
0 5 10 15 20
1 4 3 8 6 5 2 7
0.0 0.2 0.4 0.6 0.8 1.0
m−value

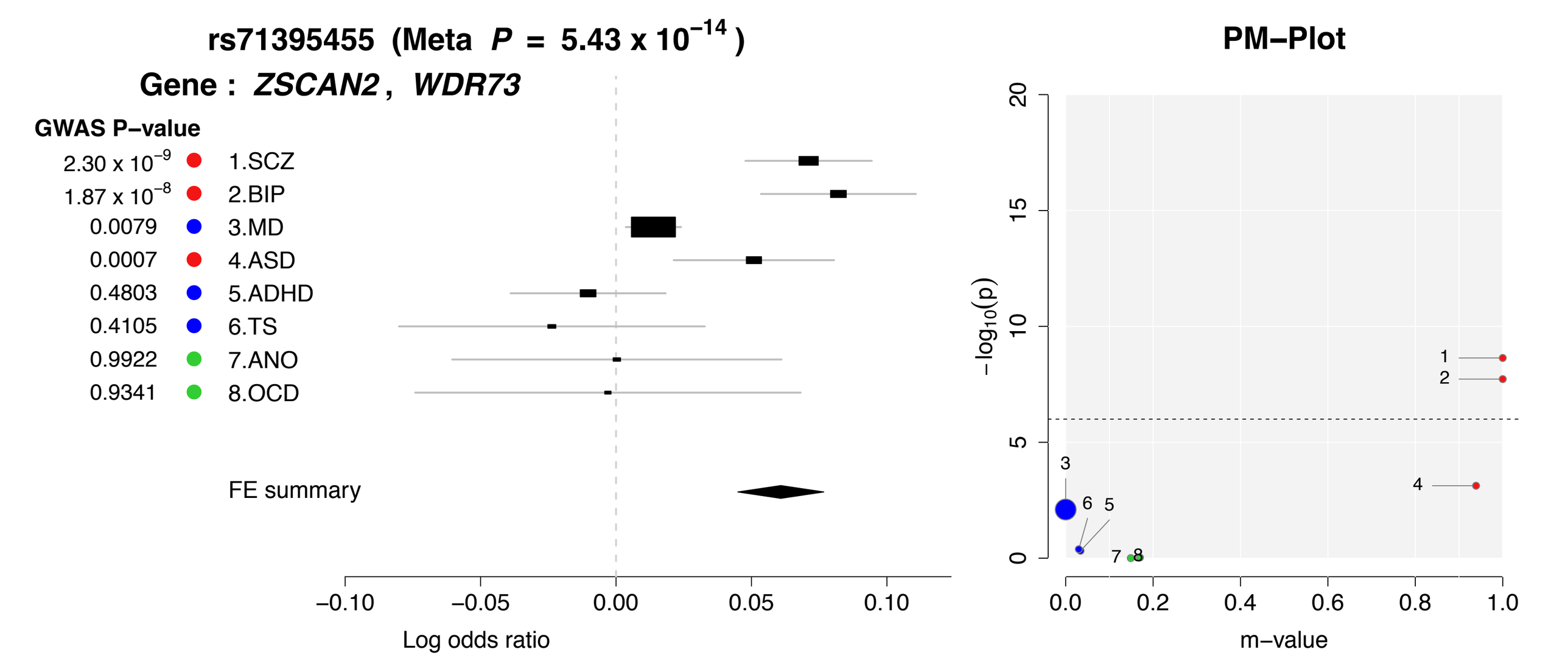

rs58235352 (Meta P = 4.71 x 10−8)
Gene : ACADS , SPPL3
GWAS P−value
0.0798 1.SCZ
0.0015 2.BIP
1.26 x 10−7 3.MD
0.1157 4.ASD
0.6739 5.ADHD
0.1084 6.TS
0.2321 7.ANO
0.8092 8.OCD
FE summary
−0.25 −0.15 −0.05 0.05 0.10 0.15
Log odds ratio
PM−Plot
−log10(p)
0 5 10 15 20
3 2 4 8 5 7 6 1
0.0 0.2 0.4 0.6 0.8 1.0
m−value

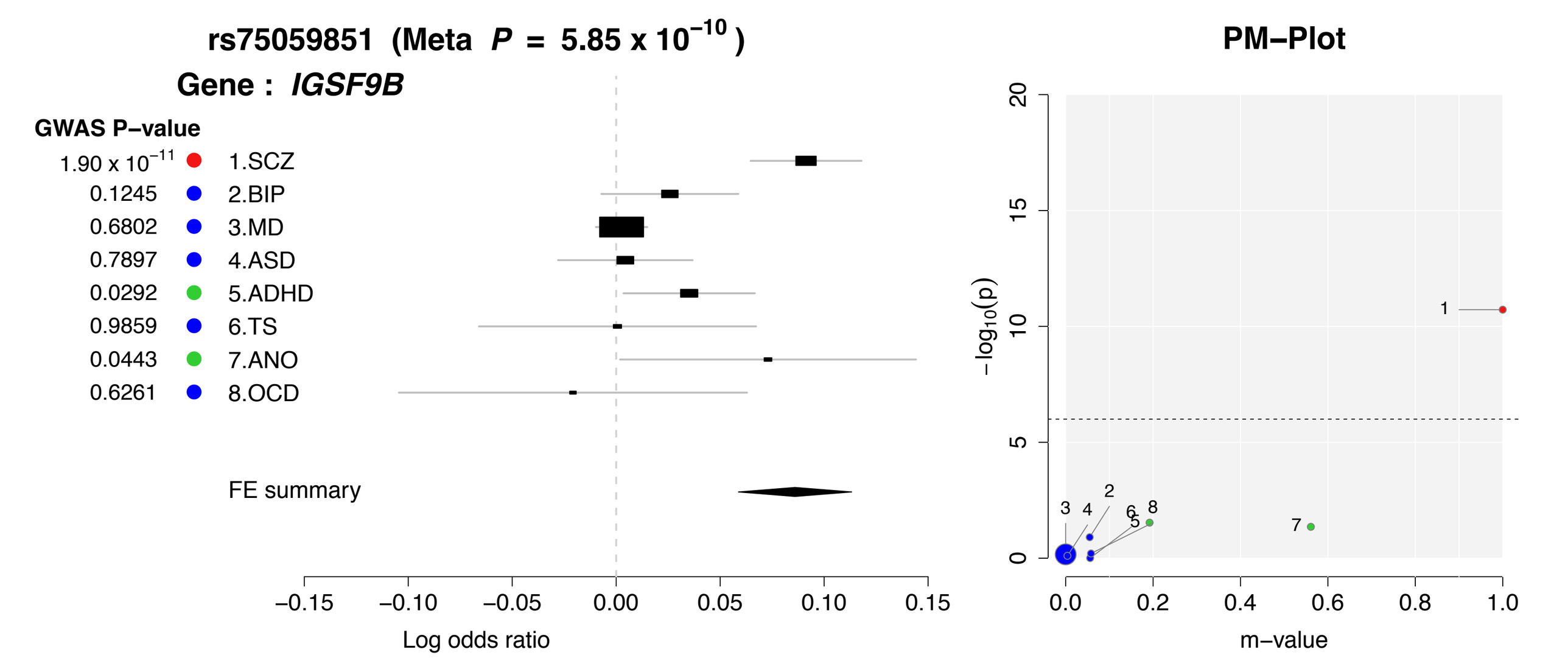

rs59979824 (Meta P = 4.46 x 10−9 )
Gene : (>200kb)
GWAS P−value
2.42 x 10−9
0.0001
0.8474
0.1483
0.6421
0.7556
0.0812
0.5112
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.15
−0.10
−0.05
0.00
0.05
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value

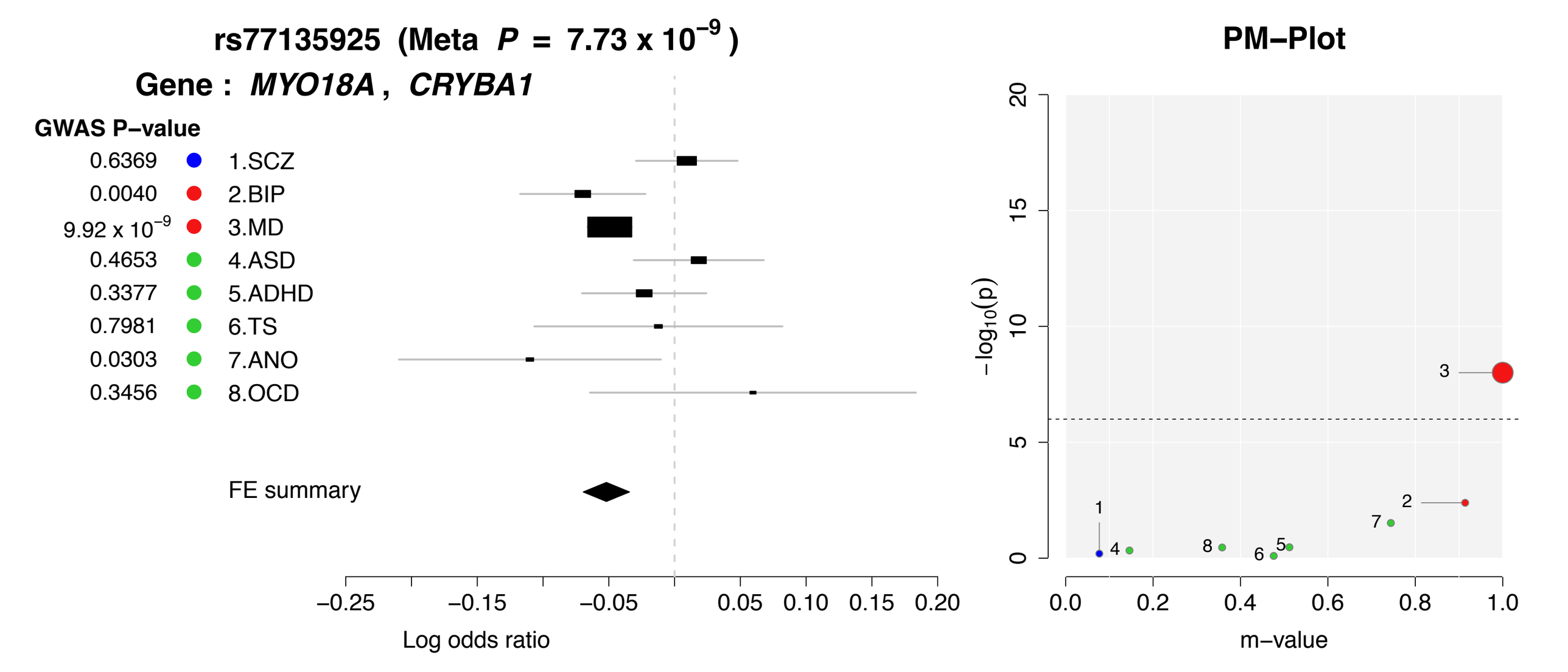

rs61867293 (Meta P = 7.81 x 10−15)
Gene : SORCS3
GWAS P−value
4.96 x 10−6
0.0073
8.71 x 10−10
0.0029
1.95 x 10−7
0.3855
0.0321
0.6997
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.15
−0.10
−0.05
0.00
0.05
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
3
5
1
4
2
7
8
6
0.0
0.2
0.4
0.6
0.8
1.0
m−value

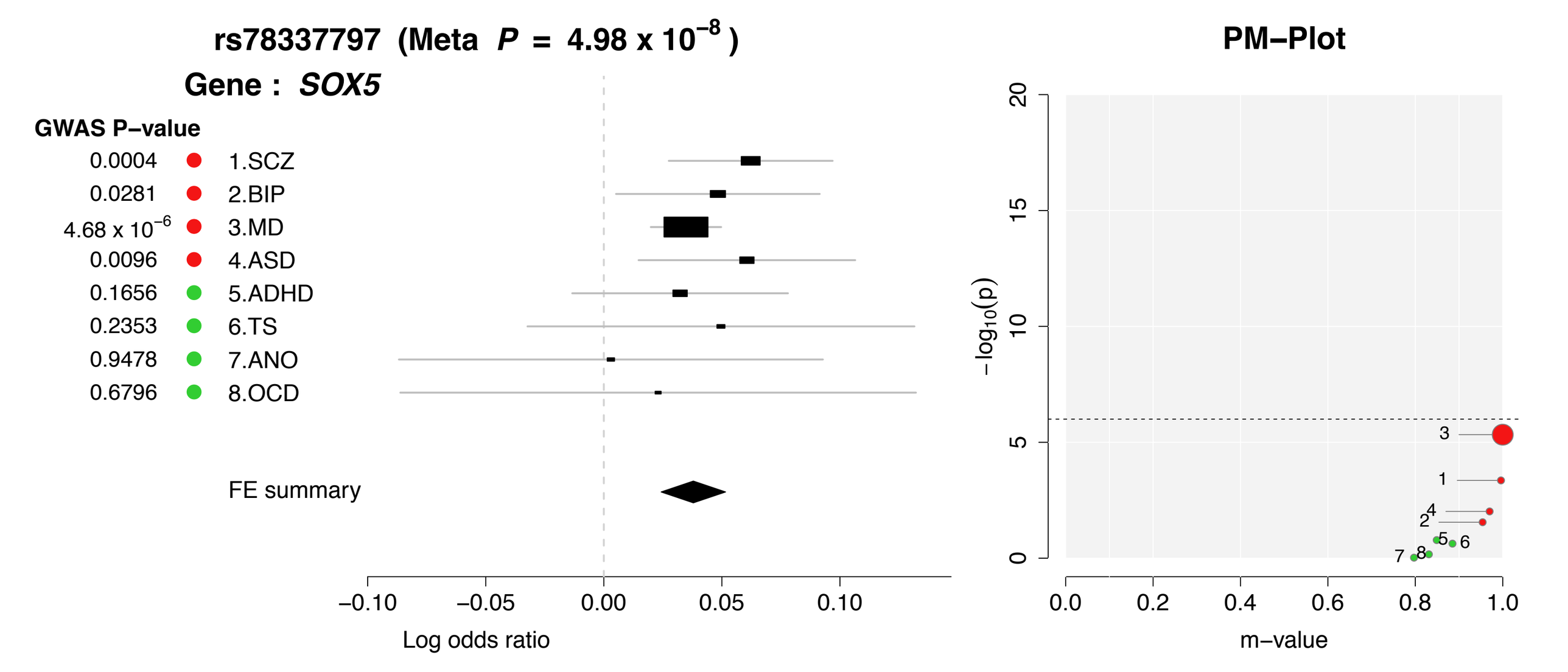

rs61882743 (Meta P = 1.15 x 10−8)
Gene : AMBRA1 , HARBI1
GWAS P−value
2.71 x 10−10
0.2932
0.0439
0.1328
0.0070
0.7089
0.1963
0.7055
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.15
−0.10
−0.05
0.00
0.05
0.10
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value
1
2
3
4
5
6
7
8

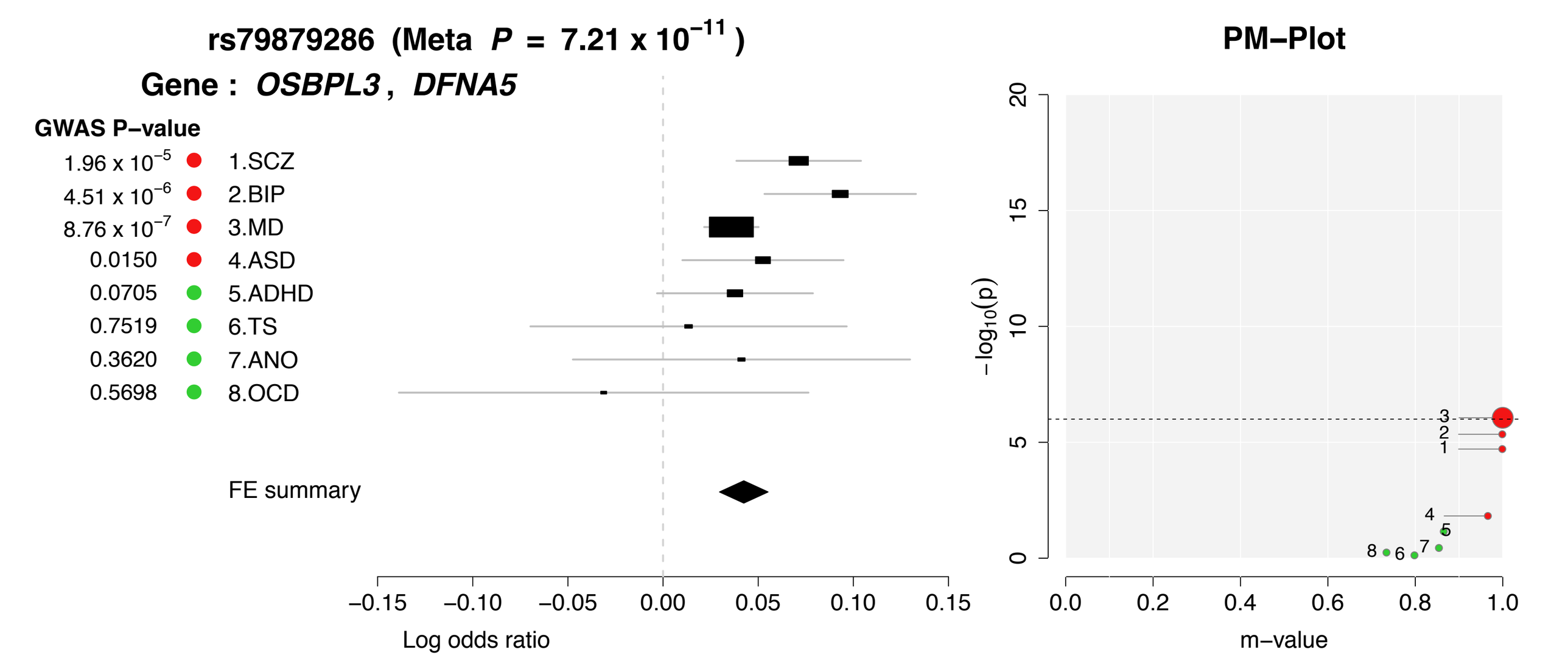

rs62526783 (Meta P = 2.34 x 10−8 )
Gene : (>200kb)
GWAS P−value
1.18 x 10−9 1.SCZ
0.0144 2.BIP
0.3088 3.MD
0.0132 4.ASD
0.4150 5.ADHD
0.5069 6.TS
0.8647 7.ANO
0.1750 8.OCD
FE summary
−0.15 −0.10 −0.05 0.00 0.05 0.10
Log odds ratio
PM−Plot
−log10(p)
0 5 10 15 20
1
3 8 6
2 4
7 5
0.0 0.2 0.4 0.6 0.8 1.0
m−value

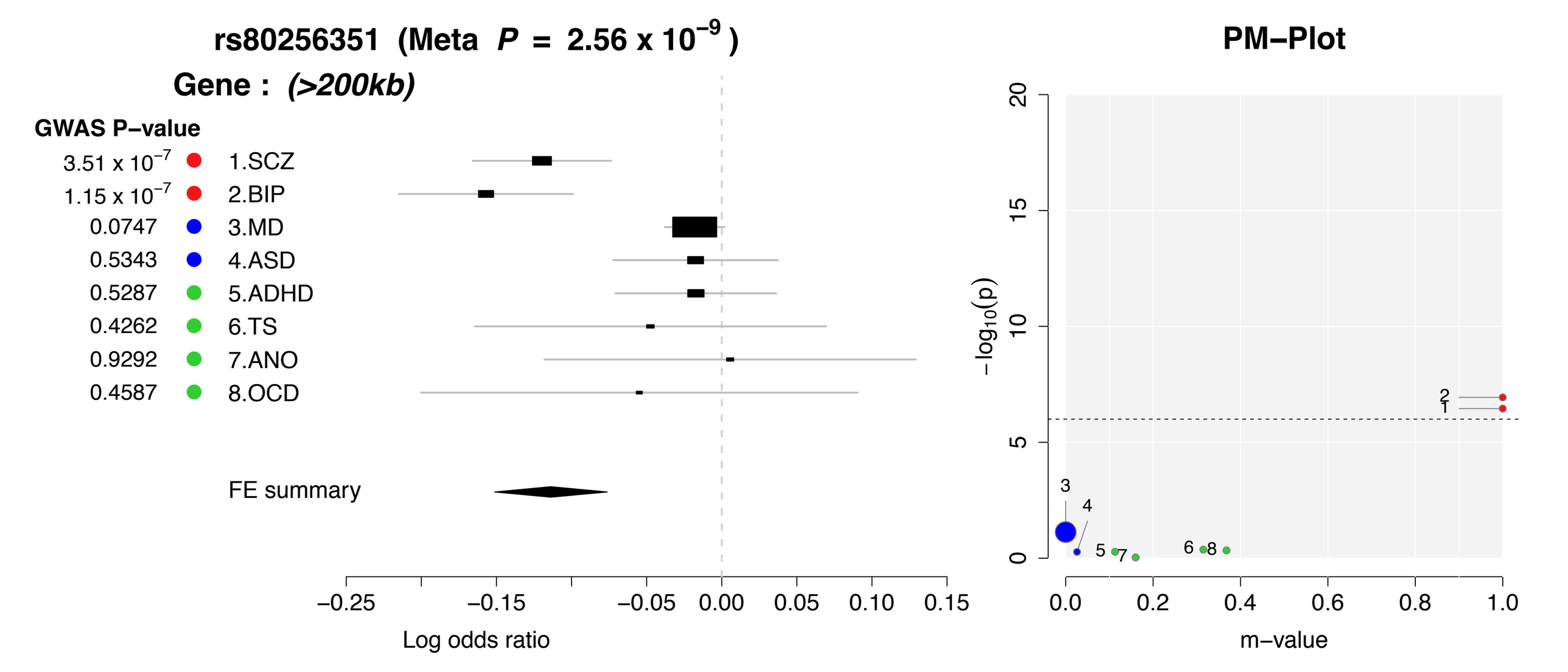

rs71395455 (Meta P = 5.43 x 10−14)
Gene : ZSCAN2 , WDR73
GWAS P−value
2.30 x 10−9
1.87 x 10−8
0.0079
0.0007
0.4803
0.4105
0.9922
0.9341
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.10
−0.05
0.00
0.05
0.10
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value

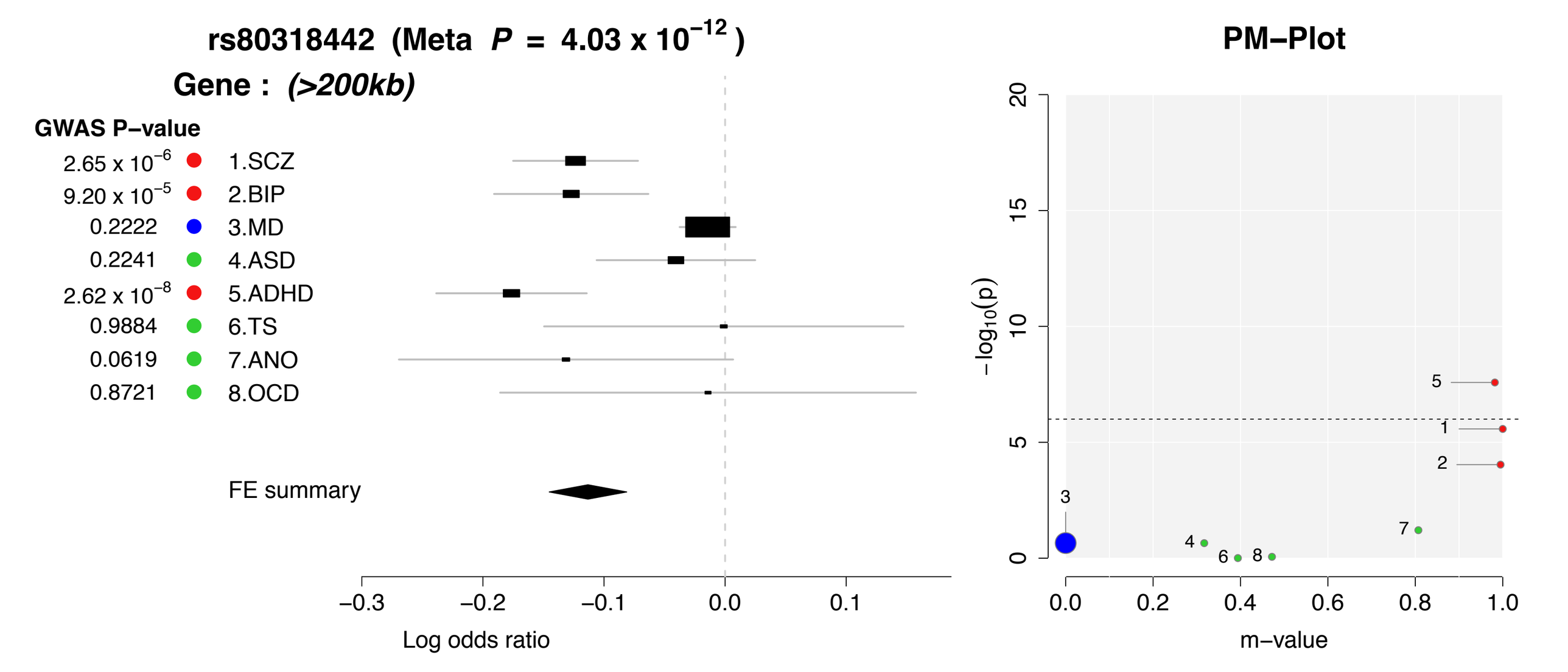

rs75059851 (Meta P = 5.85 x 10−10)
Gene : IGSF9B
GWAS P−value
1.90 x 10−11 1.SCZ
0.1245 2.BIP
0.6802 3.MD
0.7897 4.ASD
0.0292 5.ADHD
0.9859 6.TS
0.0443 7.ANO
0.6261 8.OCD
FE summary
−0.15 −0.10 −0.05 0.00 0.05 0.10 0.15
Log odds ratio
PM−Plot
−log10(p)
0 5 10 15 20
1
2
3
4
5
6
7
8
0.0 0.2 0.4 0.6 0.8 1.0
m−value

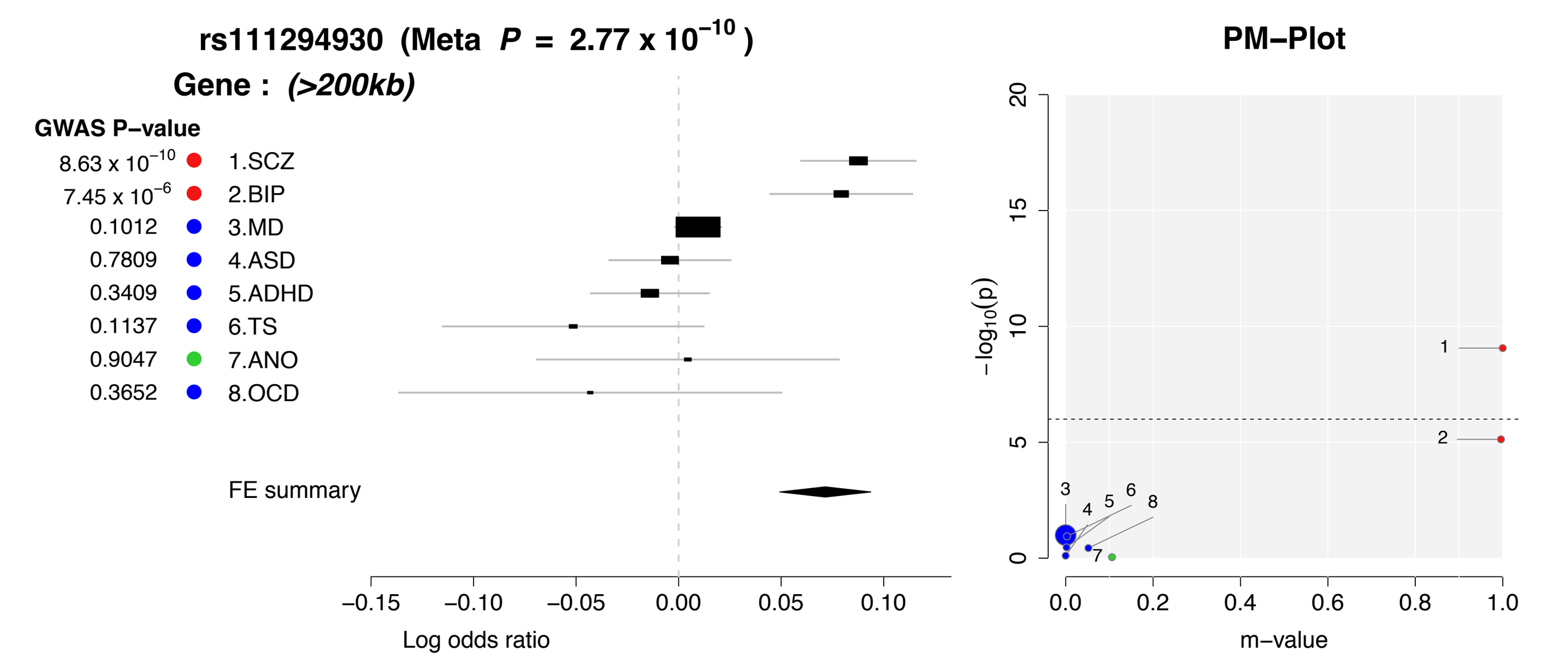

rs77135925 (Meta P = 7.73 x 10−9)
Gene : MYO18A , CRYBA1
GWAS P−value
0.6369 1.SCZ
0.0040 2.BIP
9.92 x 10−9 3.MD
0.4653 4.ASD
0.3377 5.ADHD
0.7981 6.TS
0.0303 7.ANO
0.3456 8.OCD
FE summary
−0.25 −0.15 −0.05 0.05 0.10 0.15 0.20
Log odds ratio
PM−Plot
−log10(p)
0 5 10 15 20
1 2 3 4 5 6 7 8
0.0 0.2 0.4 0.6 0.8 1.0
m−value

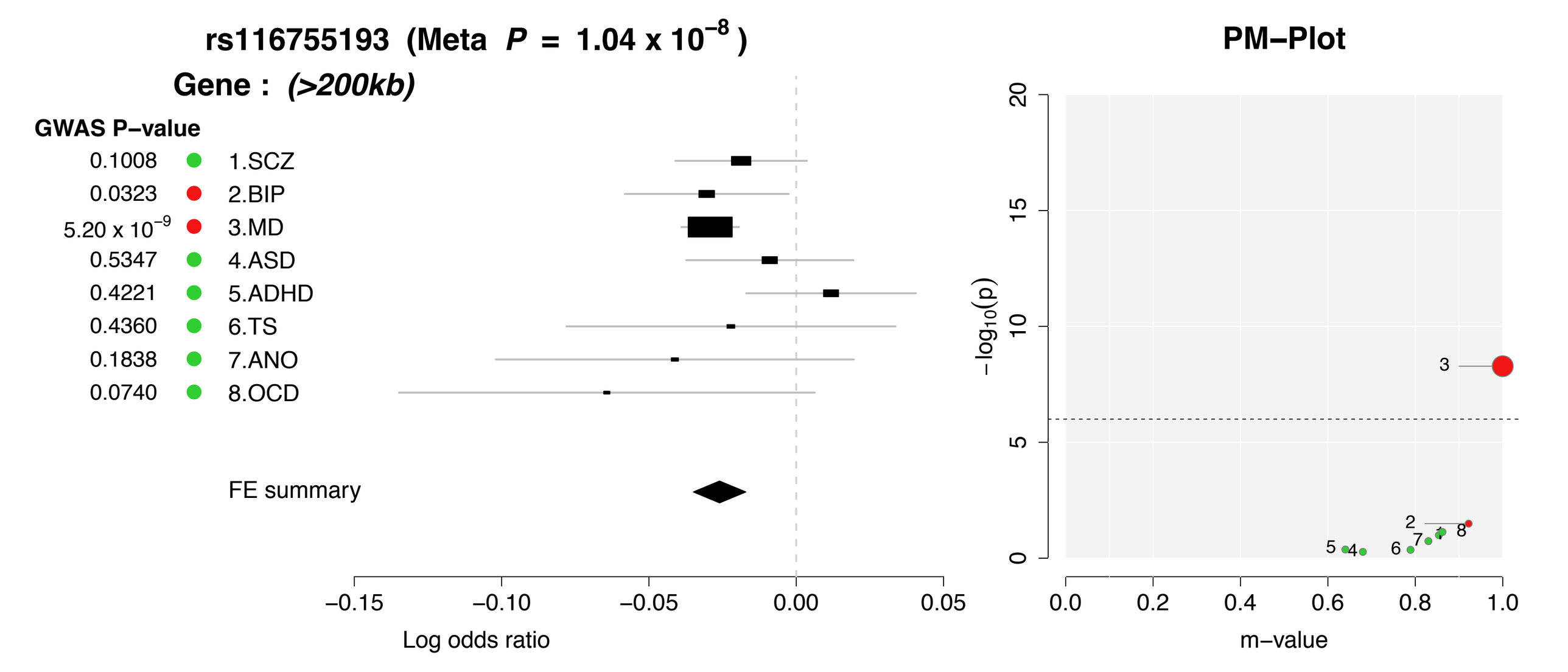

rs78337797 (Meta P = 4.98 x 10−8 )
Gene : SOX5
GWAS P−value
0.0004
0.0281
4.68 x 10−6
0.0096
0.1656
0.2353
0.9478
0.6796
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.10
−0.05
0.00
0.05
0.10
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value

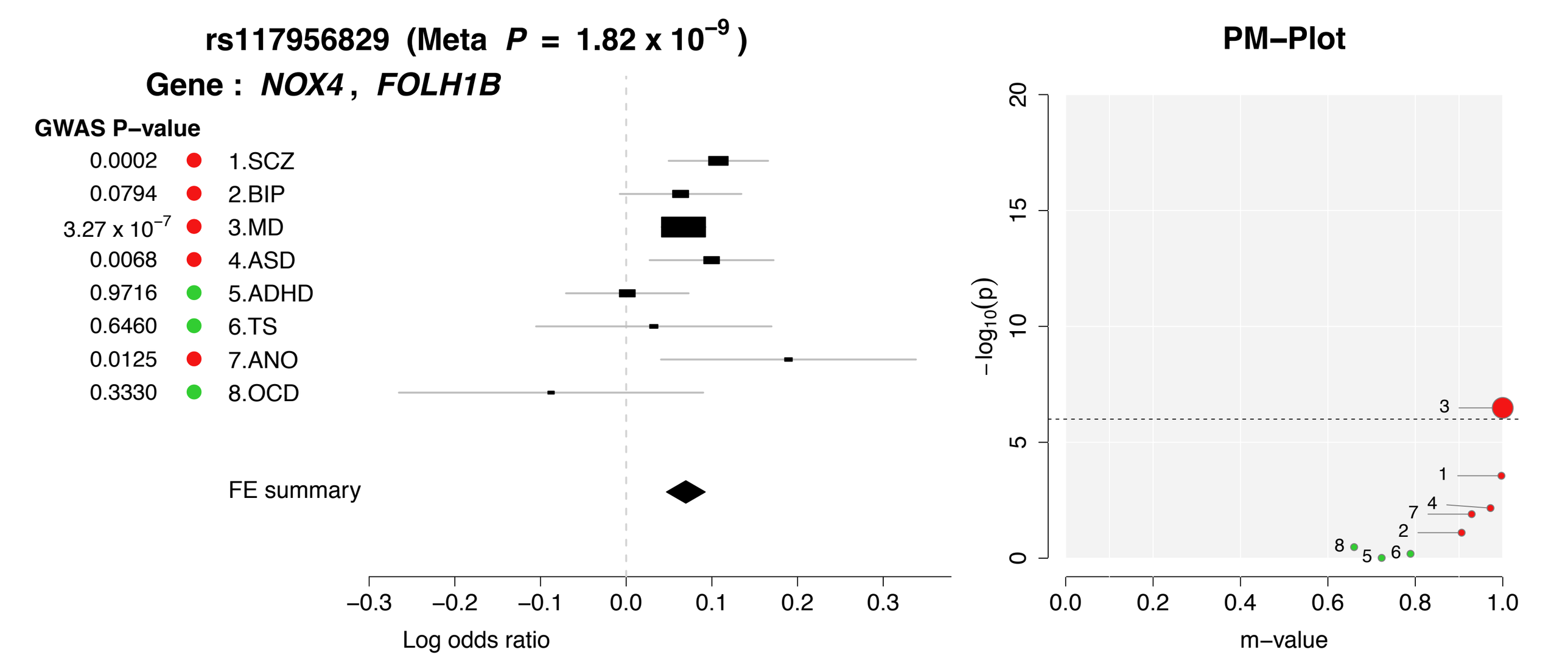

rs79879286 (Meta P = 7.21 x 10−11 )
Gene : OSBPL3 , DFNA5
GWAS P−value
1.96 x 10−5
4.51 x 10−6
8.76 x 10−7
0.0150
0.0705
0.7519
0.3620
0.5698
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.15
−0.10
−0.05
0.00
0.05
0.10
0.15
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value
1
2
3
4
5
6
7
8

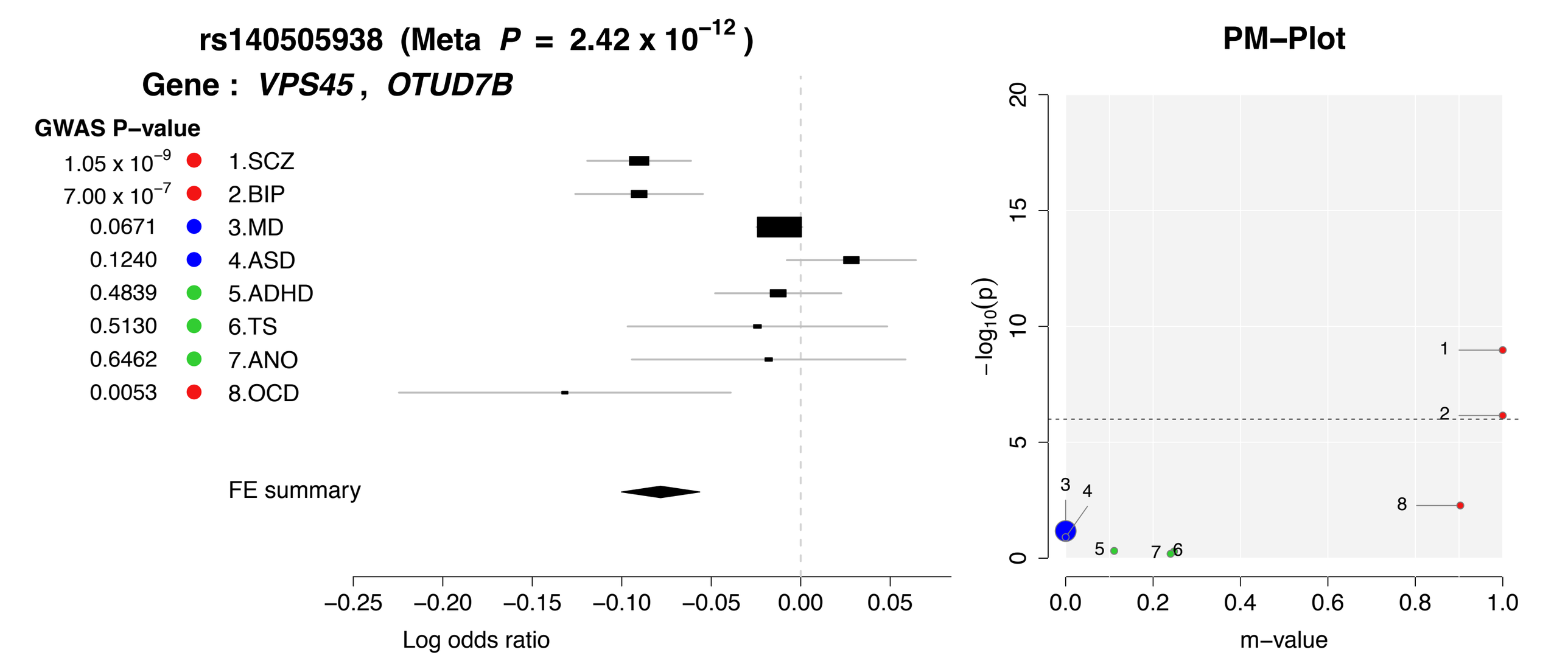

rs80256351 (Meta P = 2.56 x 10−9 )
Gene : (>200kb)
GWAS P−value
3.51 x 10−7 1.SCZ
1.15 x 10−7 2.BIP
0.0747 3.MD
0.5343 4.ASD
0.5287 5.ADHD
0.4262 6.TS
0.9292 7.ANO
0.4587 8.OCD
FE summary
−0.25 −0.15 −0.05 0.00 0.05 0.10 0.15
Log odds ratio
PM−Plot
−log10(p)
0 5 10 15 20
1 2 3 4 5 6 7 8
0.0 0.2 0.4 0.6 0.8 1.0
m−value

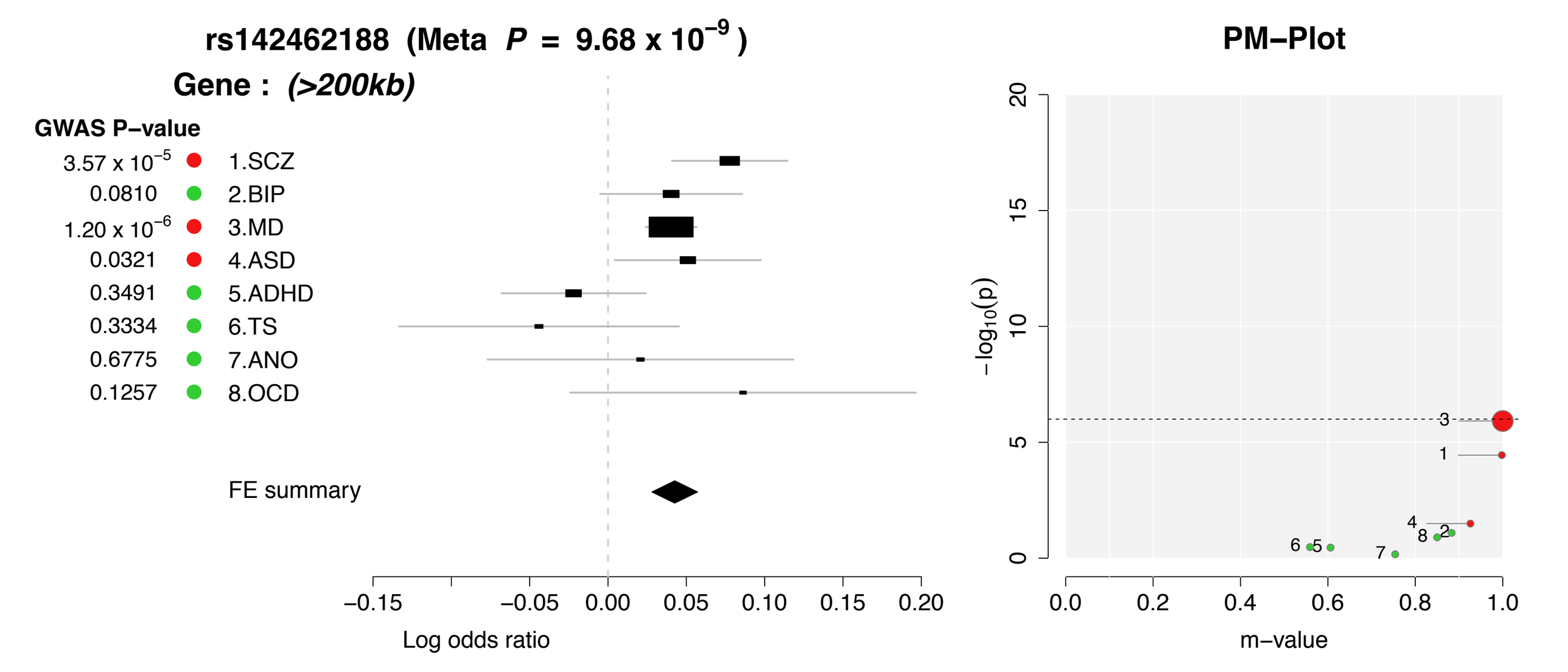

rs80318442 (Meta P = 4.03 x 10−12 )
Gene : (>200kb)
GWAS P−value
2.65 x 10−6
9.20 x 10−5
0.2222
0.2241
2.62 x 10−8
0.9884
0.0619
0.8721
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.3
−0.2
−0.1
0.0
0.1
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value

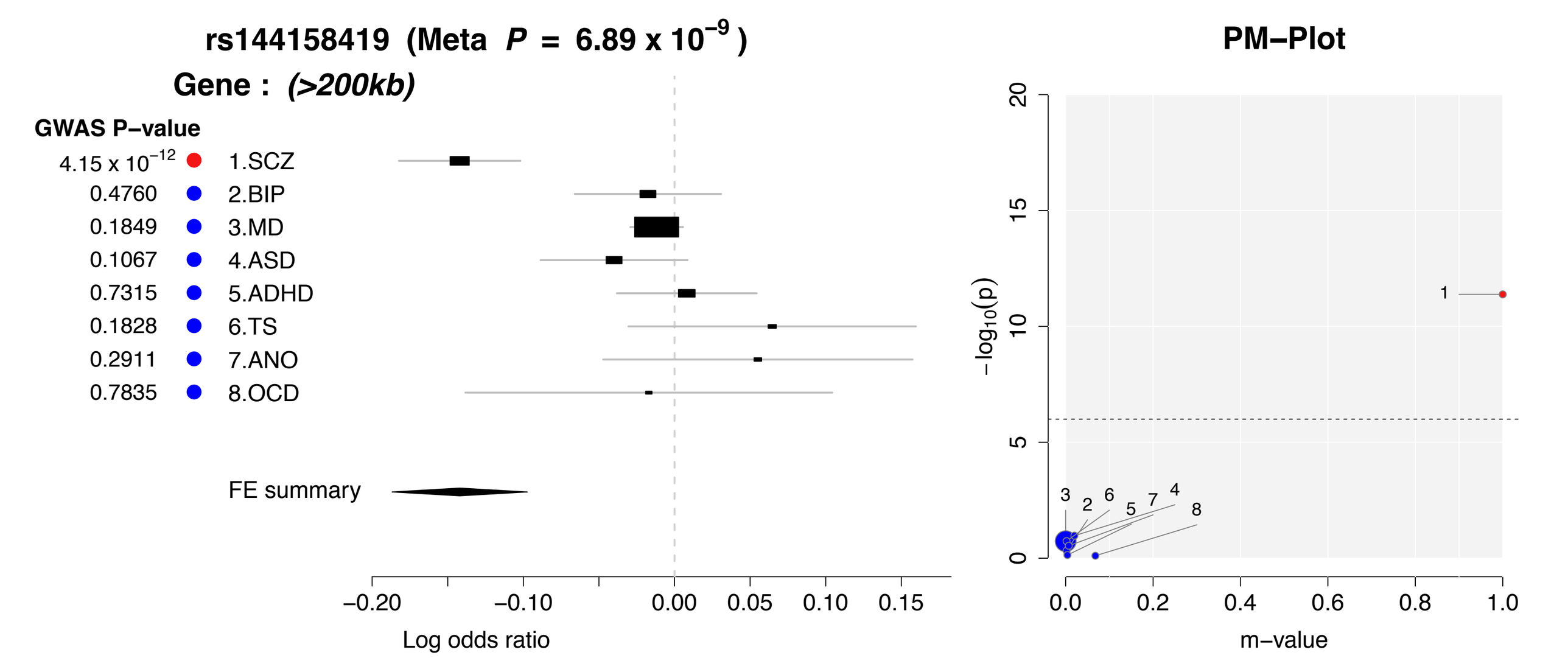

rs111294930 (Meta P = 2.77 x 10−10 )
Gene : (>200kb)
GWAS P−value
8.63 x 10−10
7.45 x 10−6
0.1012
0.7809
0.3409
0.1137
0.9047
0.3652
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.15
−0.10
−0.05
0.00
0.05
0.10
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value
1
2
3
4
5
6
7
8

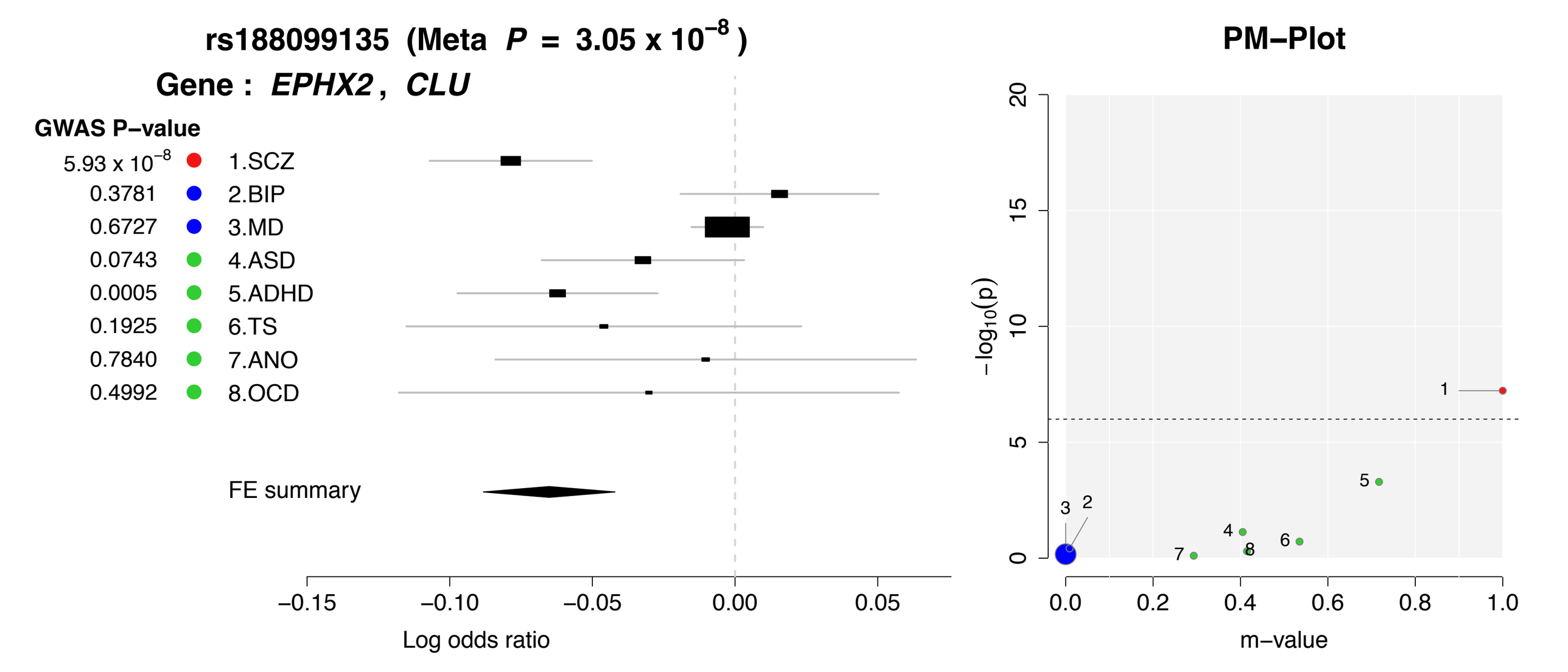

rs116755193 (Meta P = 1.04 x 10−8 )
Gene : (>200kb)
GWAS P−value
0.1008
1.SCZ
0.0323
2.BIP
5.20 x 10−9
3.MD
0.5347
4.ASD
0.4221
5.ADHD
0.4360
6.TS
0.1838
7.ANO
0.0740
8.OCD
FE summary
−0.15
−0.10
−0.05
0.00
0.05
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
3
2
8
7
4
5
6
0.0
0.2
0.4
0.6
0.8
1.0
m−value


rs117956829 (Meta P = 1.82 x 10−9)
Gene : NOX4 , FOLH1B
GWAS P−value
0.0002 1.SCZ
0.0794 2.BIP
3.27 x 10−7 3.MD
0.0068 4.ASD
0.9716 5.ADHD
0.6460 6.TS
0.0125 7.ANO
0.3330 8.OCD
FE summary
−0.3 −0.2 −0.1 0.0 0.1 0.2 0.3
Log odds ratio
PM−Plot
−log10(p)
0 5 10 15 20
3
1
4
7
2
8 5 6
0.0 0.2 0.4 0.6 0.8 1.0
m−value


rs140505938 (Meta P = 2.42 x 10−12)
Gene : VPS45 , OTUD7B
GWAS P−value
1.05 x 10−9
7.00 x 10−7
0.0671
0.1240
0.4839
0.5130
0.6462
0.0053
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.25
−0.20
−0.15
−0.10
−0.05
0.00
0.05
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value
1
2
3
4
5
6
7
8


rs142462188 (Meta P = 9.68 x 10−9 )
Gene : (>200kb)
GWAS P−value
3.57 x 10−5
0.0810
1.20 x 10−6
0.0321
0.3491
0.3334
0.6775
0.1257
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.15
−0.05
0.00
0.05
0.10
0.15
0.20
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value
3
1
4
2
8
6
5
7


rs144158419 (Meta P = 6.89 x 10−9 )
Gene : (>200kb)
GWAS P−value
4.15 x 10−12
0.4760
0.1849
0.1067
0.7315
0.1828
0.2911
0.7835
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.20
−0.10
0.00
0.05
0.10
0.15
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
1
3
2
6
5
7
4
8
0.0
0.2
0.4
0.6
0.8
1.0
m−value


rs188099135 (Meta P = 3.05 x 10−8)
Gene : EPHX2 , CLU
GWAS P−value
5.93 x 10−8
0.3781
0.6727
0.0743
0.0005
0.1925
0.7840
0.4992
1.SCZ
2.BIP
3.MD
4.ASD
5.ADHD
6.TS
7.ANO
8.OCD
FE summary
−0.15
−0.10
−0.05
0.00
0.05
Log odds ratio
PM−Plot
−log10(p)
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
m−value
1
2
3
4
5
6
7
8