Module yellow (1569 genes)

Module green (1563 genes)

Module black (1014 genes)

Module purple (475 genes)

Module salmon (397 genes)

Module magenta (676 genes)

Module greenyellow (438 genes)

Module midnightblue (367 genes)

Module lightcyan (338 genes)

Module lightgreen (227 genes)

Module lightyellow (226 genes)

Module royalblue (214 genes)

Module darkred (202 genes)

Module grey60 (291 genes)

Module red (1253 genes)

Module pink (788 genes)

Module tan (408 genes)

Module cyan (373 genes)





0.51

0.19

0.43

0.51

0.95

0.62

0.62

0.32

0.3

0.62

0.51

0.18

0.51

**GWAS** 

0.58

0.25

0.58

0.56

0.082

0.58

0.16

**TWAS** 

0.032

Enrichment/depletion GWAS, TWAS, SMR, and DE genes in WGCNA modules (FDR values, MHC region excluded)

0.97

0.17

0.99

0.95

0.97

0.99

0.95

0.99

0.99

0.28

0.99

0.99

**SMR** 

5.6e-11

2.5e-55

1.2e-05

1.3e-77

1.2e-09

3.3e-20

0.00012

5.7e-23

8.6e-46

1.2e-07

1.2e-05

0.14

1.1e-06

0.025

1.2e-05

0.0062

6.2e-13

2.9e-09

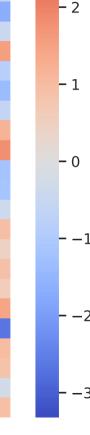
6.7e-05

0.00098

0.45

0.00053

DE



log2(enrichment ratio)