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

| Module grey (3909 genes) - | 0.28 | 0.89 | 5.6e-11 | |
|-----------------------------------|-------|------|---------|------------------|
| Module turquoisé (3313 genes) - | 0.39 | 0.47 | 2.5e-55 | - 1.5 |
| Modulė blue (2511 genes) - | 0.043 | 0.47 | 1.2e-05 | |
| Module brown (2245 genes) - | 0.38 | 0.81 | 1.3e-77 | - 1.0 |
| Module yellow (1569 genes) - | 0.93 | 0.81 | 1.2e-09 | 1.0 |
| Module green (1563 genes) - | 0.071 | 0.81 | 3.3e-20 | <u> </u> |
| Module red (1253 genes) - | 0.62 | 0.81 | 0.00012 | - 0.5 ;∺ |
| Module black (1014 genes) - | 0.73 | 0.81 | 5.7e-23 | - 0.5 (o) |
| Module pink (788 genes) - | 0.93 | 0.47 | 8.6e-46 | - 0.0 t |
| Module magenta (676 genes) - | 0.28 | 0.47 | 1.2e-07 | 0.0 <u>L</u> |
| Module purple (475 genes) - | 0.85 | 0.47 | 1.2e-05 | E |
| Module greenyellow (438 genes) - | 0.94 | 0.89 | 0.14 | - −0.5 ਨੂੰ |
| Module tan (408 genes) - | 1 | 0.47 | 1.1e-06 | Ë |
| Module salmon (397 genes) - | 0.41 | 1 | 0.025 | 1.0 b |
| Module cyan (373 genes) - | 0.56 | 1 | 1.2e-05 | 2.0 |
| Module midnightblue (367 genes) - | 0.28 | 0.81 | 0.0062 | 1.5 <u>o</u> |
| Module lightcyan (338 genes) - | 0.85 | 0.81 | 6.2e-13 | 1.5 ⊆ |
| Module grey60 (291 genes) - | 0.28 | 0.81 | 2.9e-09 | |
| Module lightgreen (227 genes) - | 0.12 | 0.92 | 6.7e-05 | 2.0 |
| Module lightyellow (226 genes) - | 0.88 | 0.81 | 0.00098 | |
| Module royalblue (214 genes) - | 0.4 | 0.81 | 0.45 | 2.5 |
| Module darkred (202 genes) - | 0.12 | 0.47 | 0.00053 | 2.5 |
| _ | GWAS | TWAS | DE | |
| | | | | |