

Figure S1 Expression levels of 21 m6A regulators in normal tissues and ESCA tumor tissues by matching TCGA-ESCA normal and GTEx data. (A) METTL3. (B) METTL14. (C) WTAP. (D) VIRMA. (E) ZC3H13. (F) RBM15. (G) RBM15B. (H) FTO. (I) ALKBH5. (J) YTHDC1. (K) YTHDC2. (L) YTHDF1. (M) YTHDF2. (N) YTHDF3. (O) HNRNPC. (P) FMR1. (Q) LRPPRC. (R) HNRNPA2B1. (S) IGF2BP1. (T) IGF2BP2. (U) IGF2BP3. *, P<0.05.

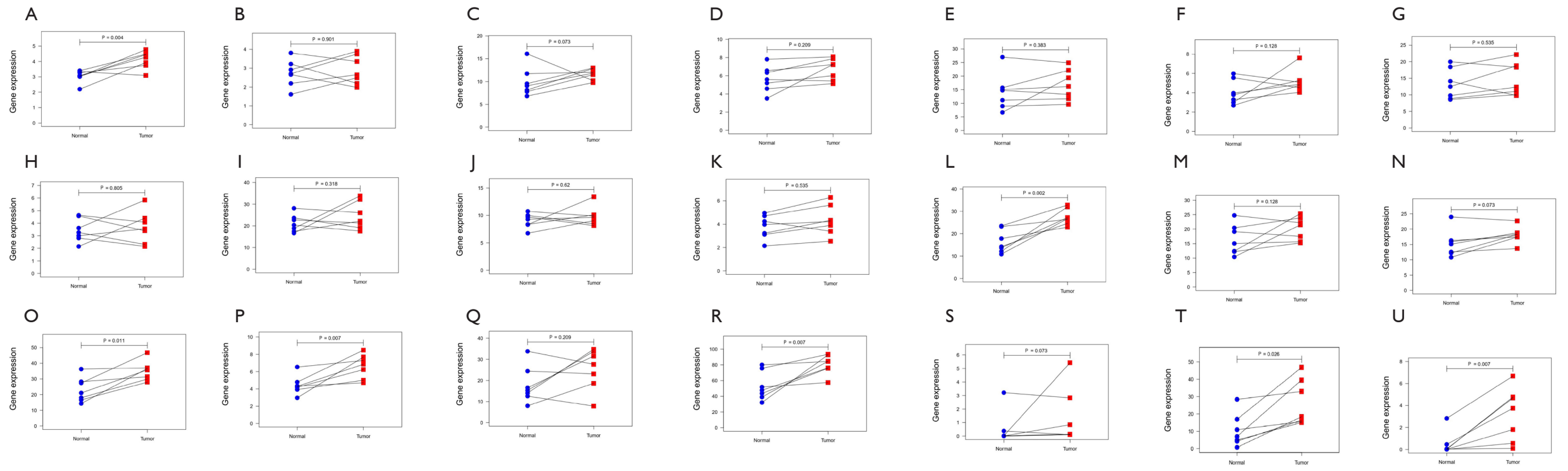


Figure S2 Expression levels of 21 m6A regulators in tumor tissues and paired normal tissues. (A) METTL3. (B) METTL14. (C) WTAP. (D) VIRMA. (E) ZC3H13. (F) RBM15. (G) RBM15B. (H) FTO. (I) ALKBH5. (J) YTHDC1. (K) YTHDC2. (L) YTHDF1. (M) YTHDF2. (N) YTHDF3. (O) HNRNPC. (P) FMR1. (Q) LRPPRC. (R) HNRNPA2B1. (S) IGF2BP1. (T) IGF2BP2. (U) IGF2BP3.

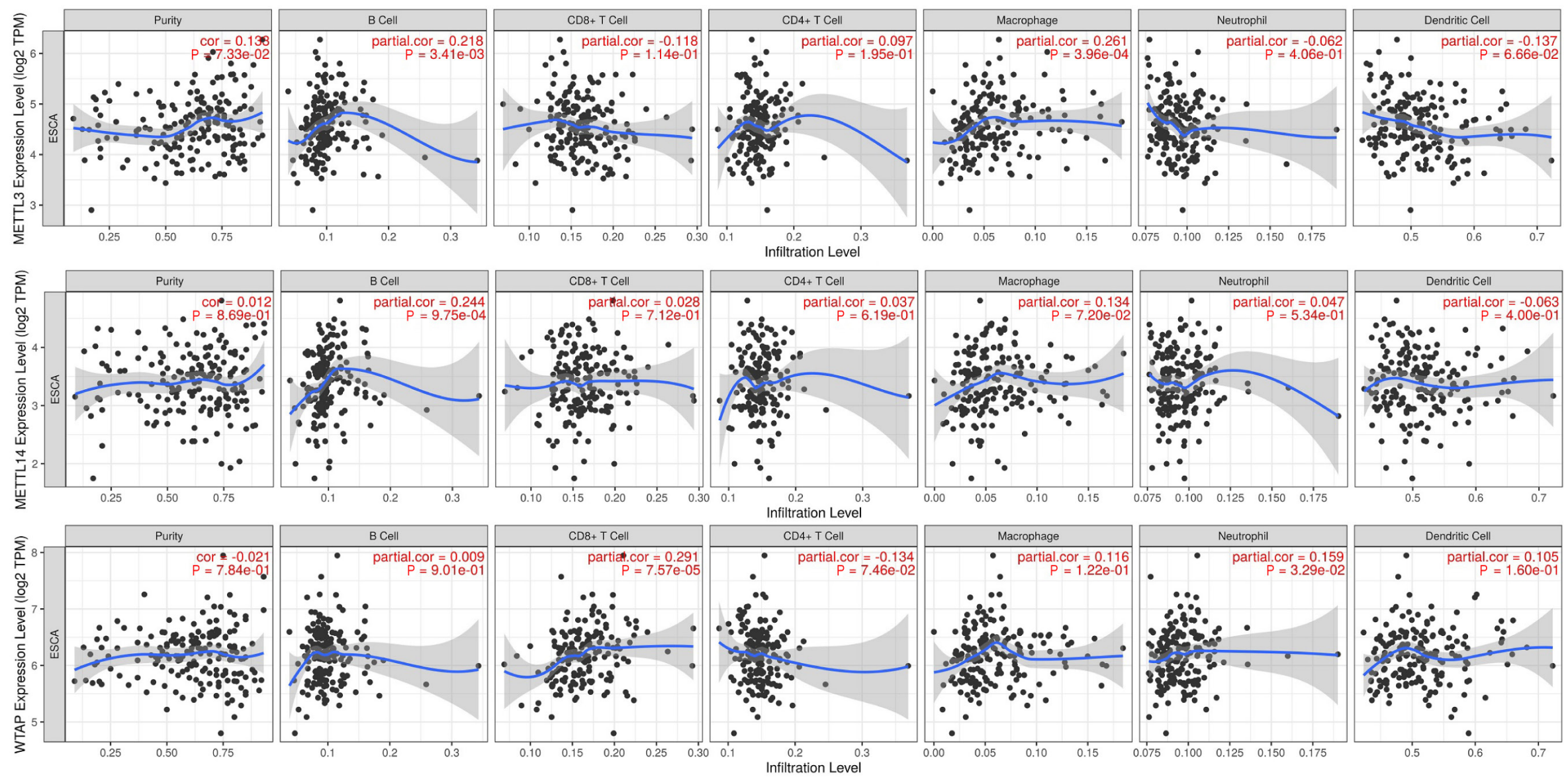


Figure S3 Correlation analysis between METTL3, METTL14, WTAP and immune cells obtained from the TIMER database.

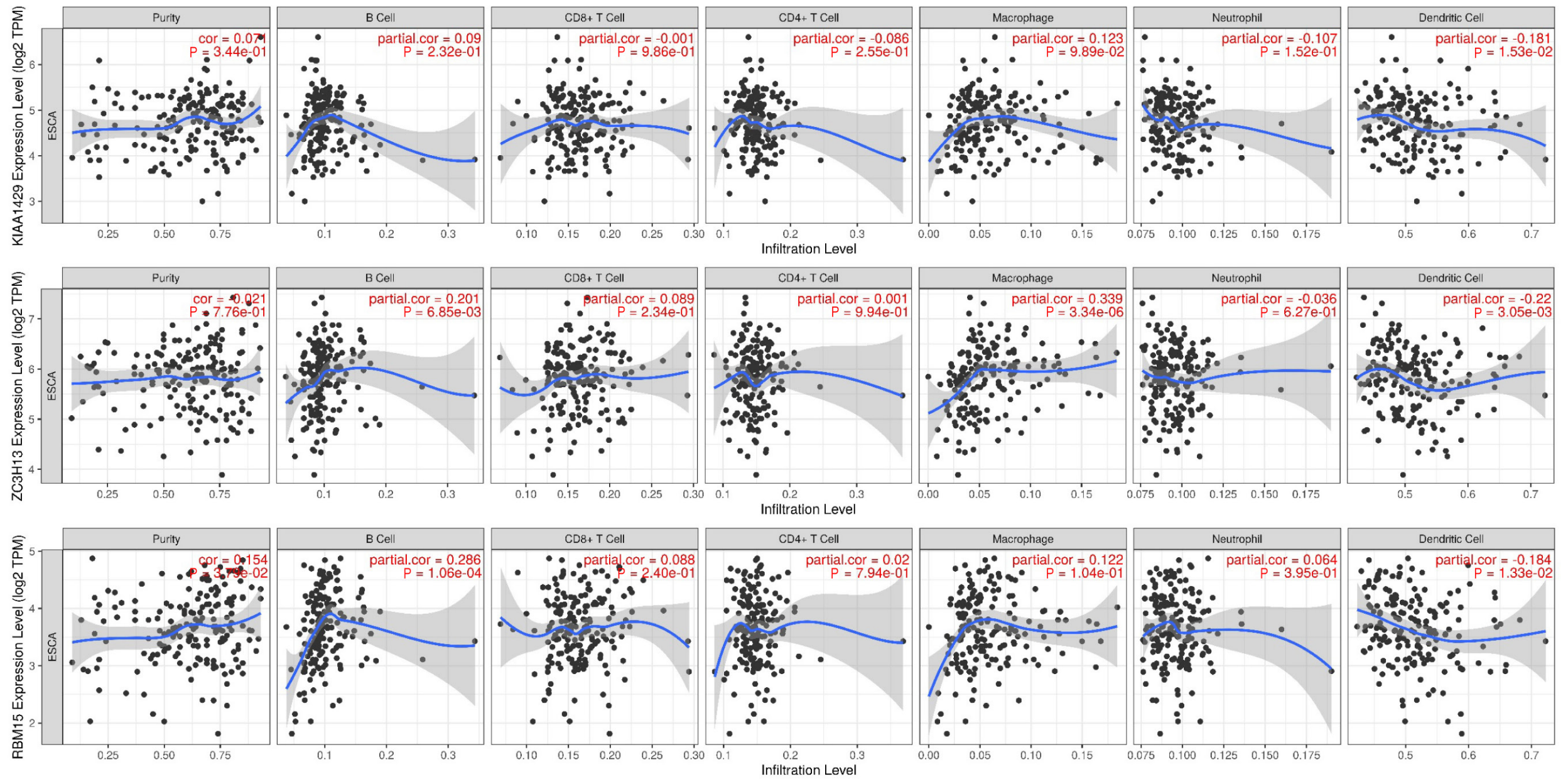


Figure S4 Correlation analysis between KIAA1429 (also known as VIRMA), ZC3H13, RBM15 and immune cells obtained from the TIMER database.

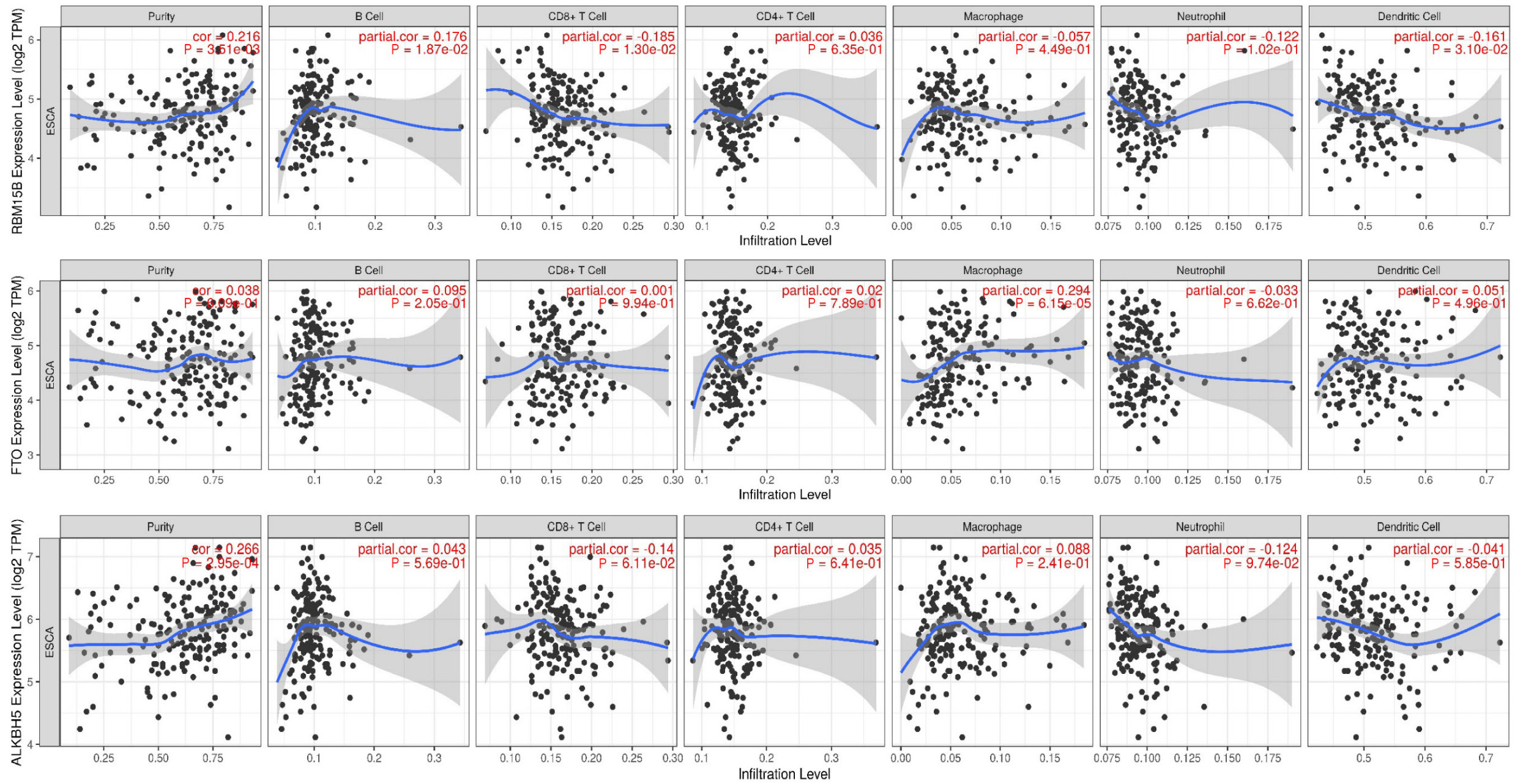


Figure S5 Correlation analysis between RBM15B, FTO, ALKBH5 and immune cells obtained from the TIMER database.

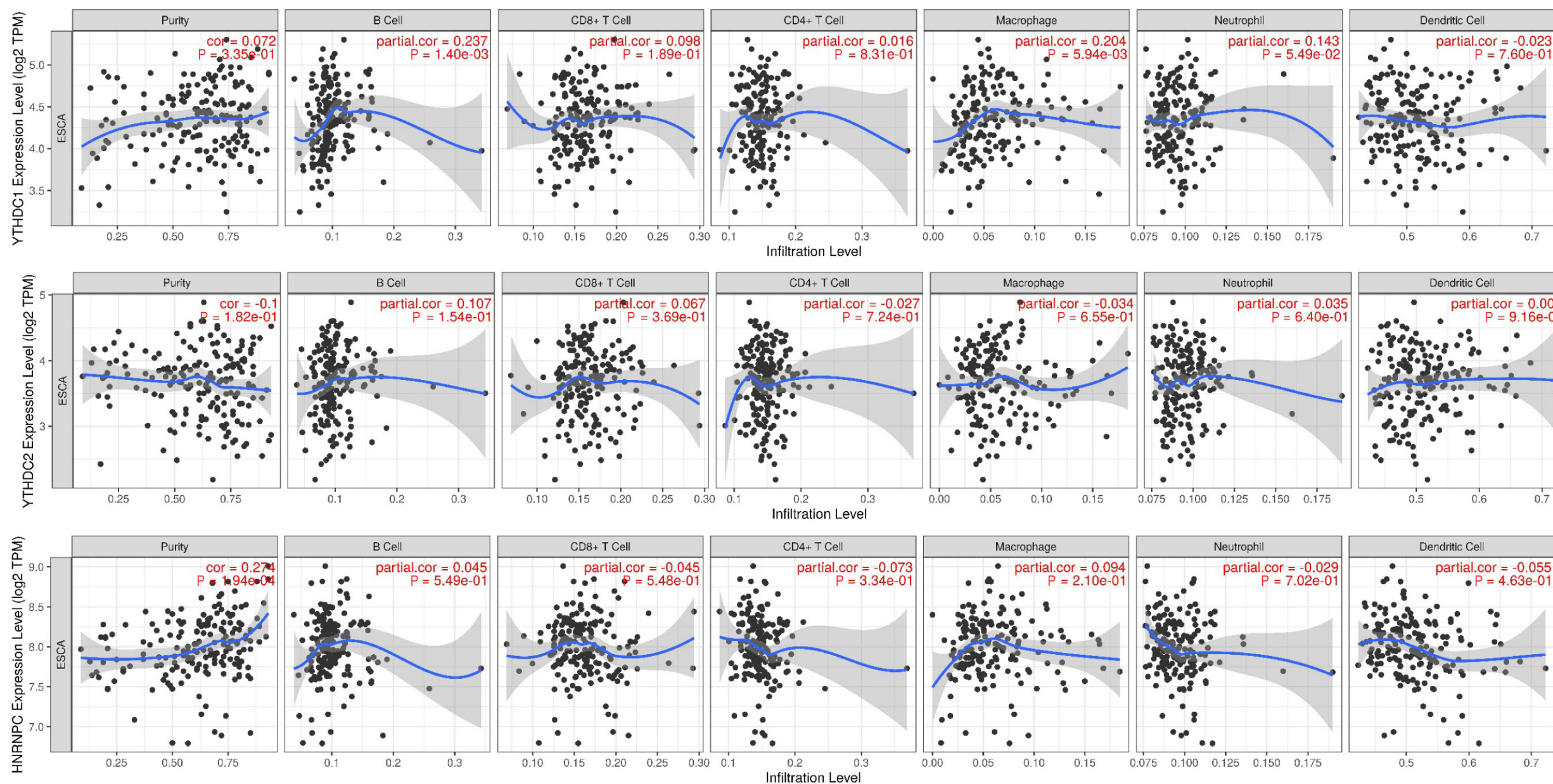


Figure S6 Correlation analysis between YTHDC1, YTHDC2, HNRNPC and immune cells obtained from the TIMER database.

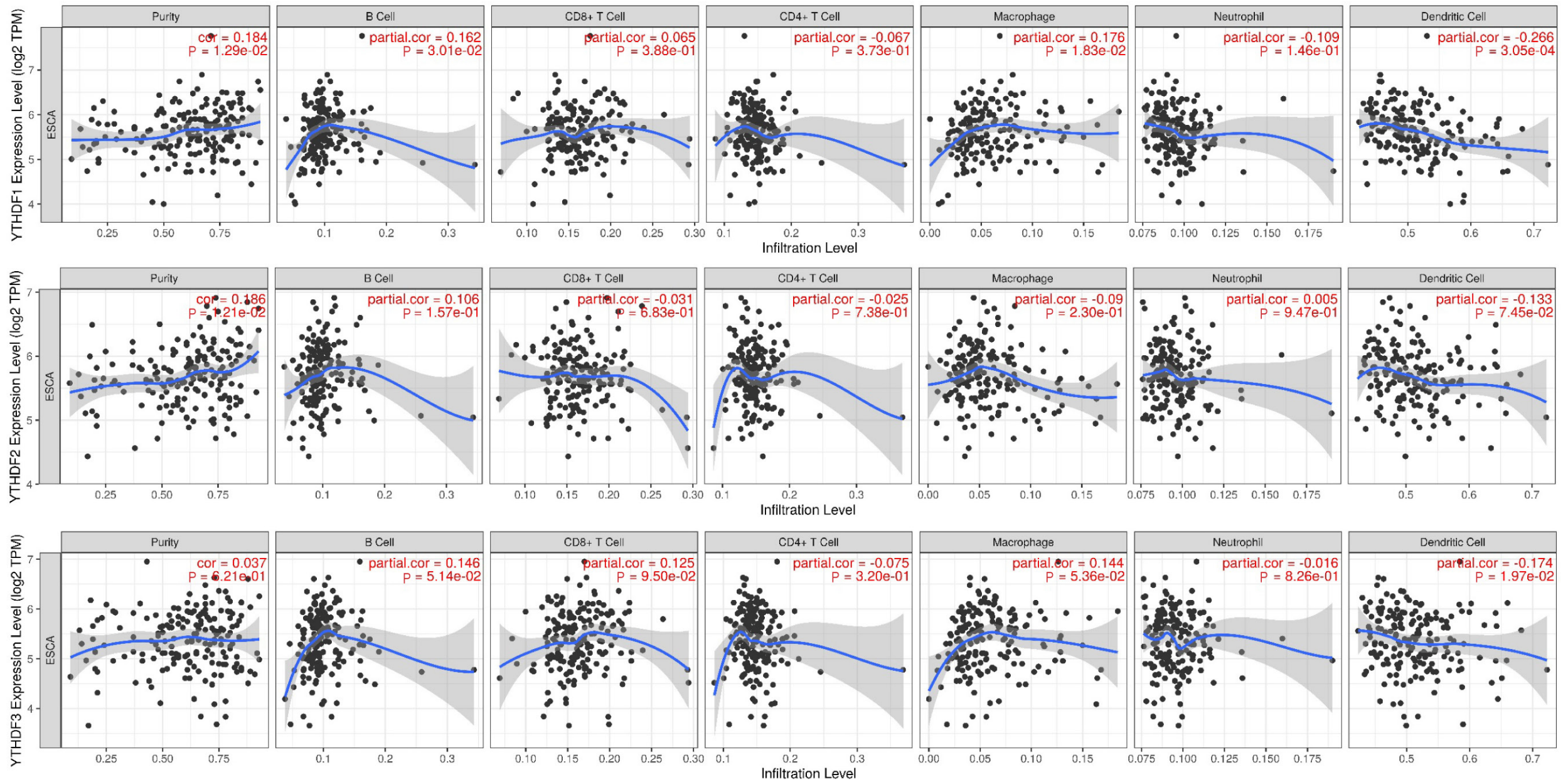


Figure S7 Correlation analysis between YTHDF1, YTHDF2, YTHDF3 and immune cells obtained from the TIMER database.

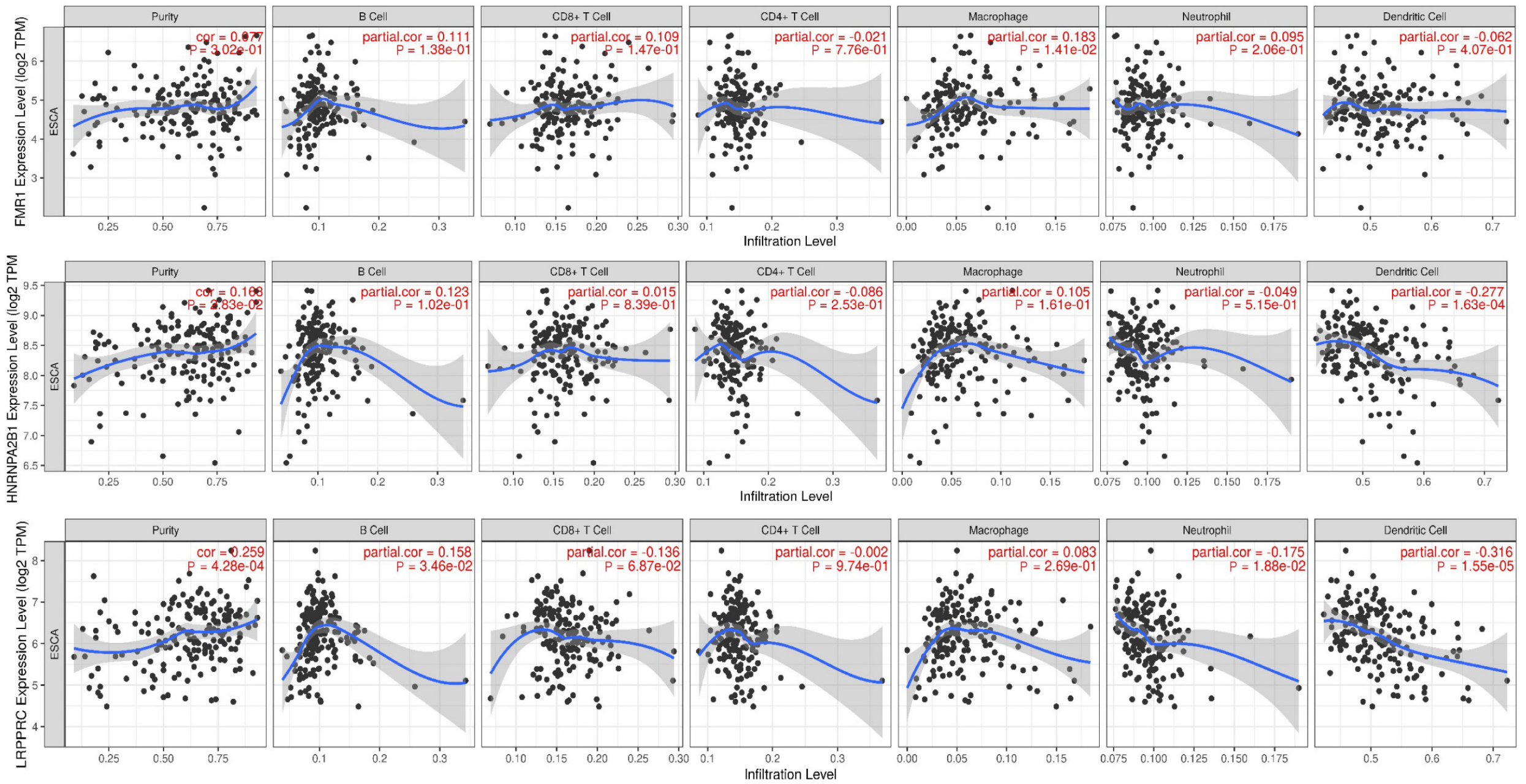


Figure S8 Correlation analysis between FMR1, HNRNPA2B1, LRPPRC and immune cells obtained from the TIMER database.

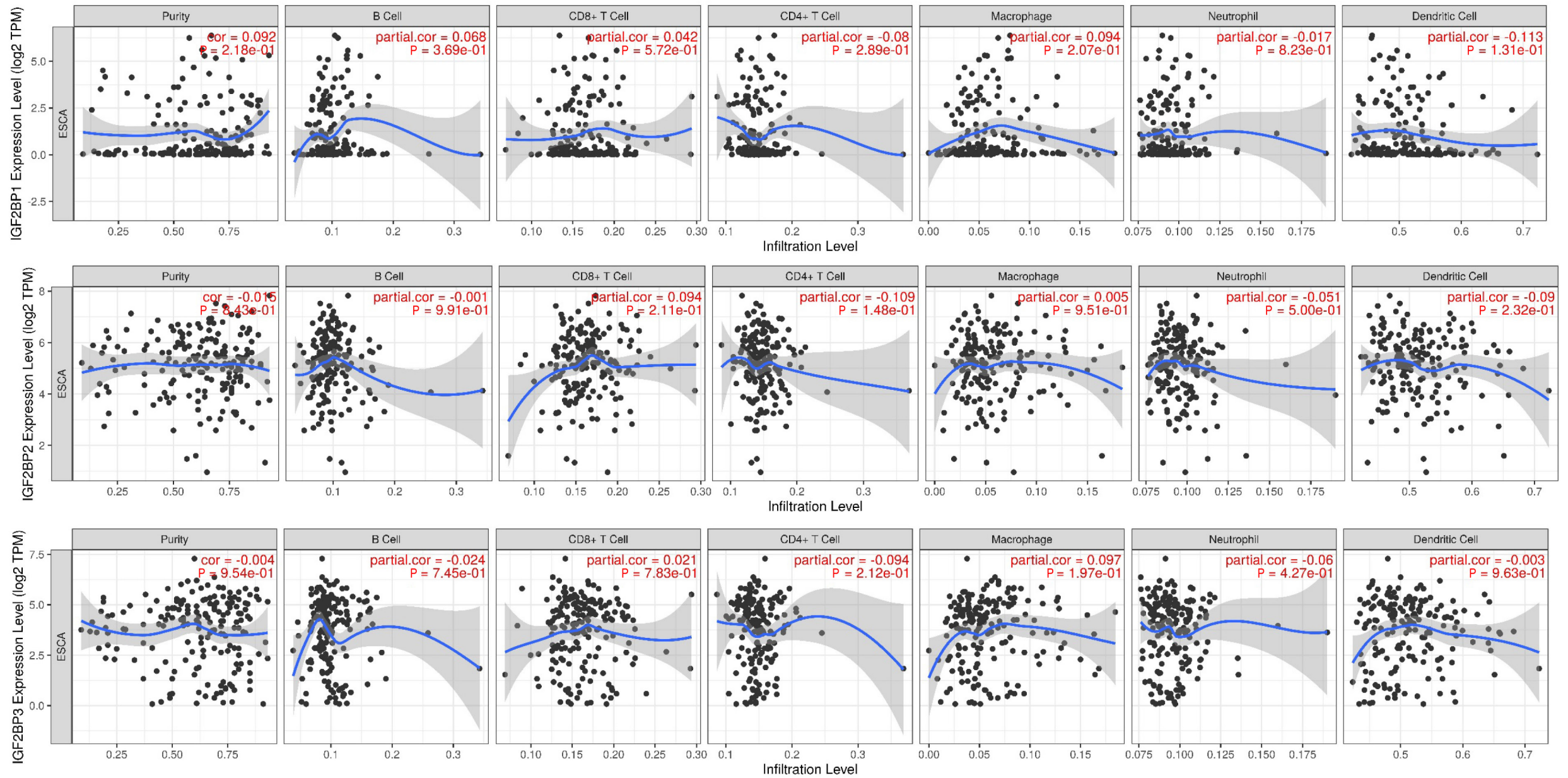


Figure S9 Correlation analysis between IGF2BP1, IGF2BP2, IGF2BP3 and immune cells obtained from the TIMER database.

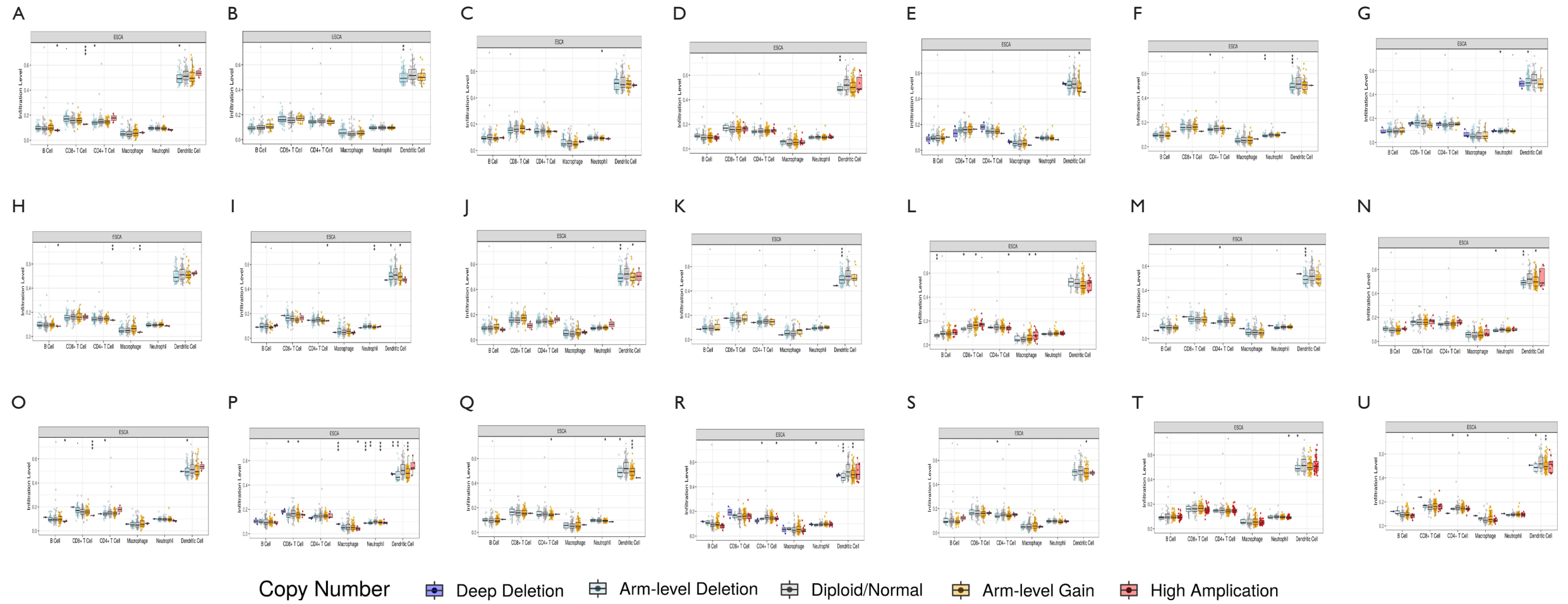


Figure S10 The influence of somatic CNV on immune cell infiltration. (A) METTL3. (B) METTL14. (C) WTAP. (D) VIRMA. (E) ZC3H13. (F) RBM15. (G) RBM15B. (H) FTO. (I) ALKBH5. (J) YTHDC1. (K) YTHDC2. (L) YTHDF1. (M) YTHDF2. (N) YTHDF3. (O) HNRNPC. (P) FMR1. (Q) LRPPRC. (R) HNRNPA2B1. (S) IGF2BP1. (T) IGF2BP2. (U) IGF2BP3. *, $P < 0.05$; **, $P < 0.01$; ***, $P < 0.001$.

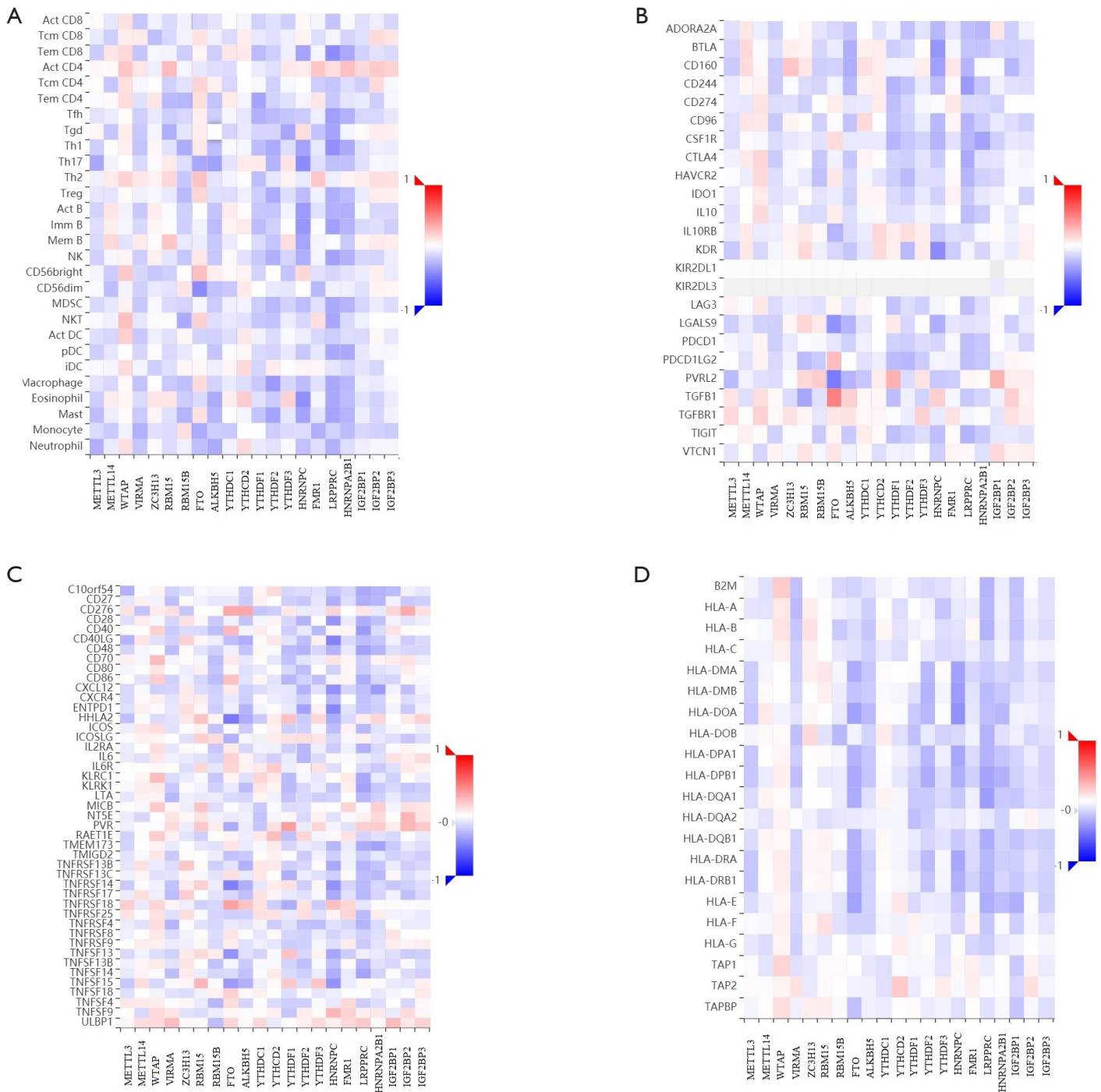


Figure S11 Correlation analyses between m6A regulators and immune regulators in ESCA based on the TISIDB database. (A) Lymphocytes. (B) Immunoinhibitor. (C) Immunostimulator. (D) MHC molecule.

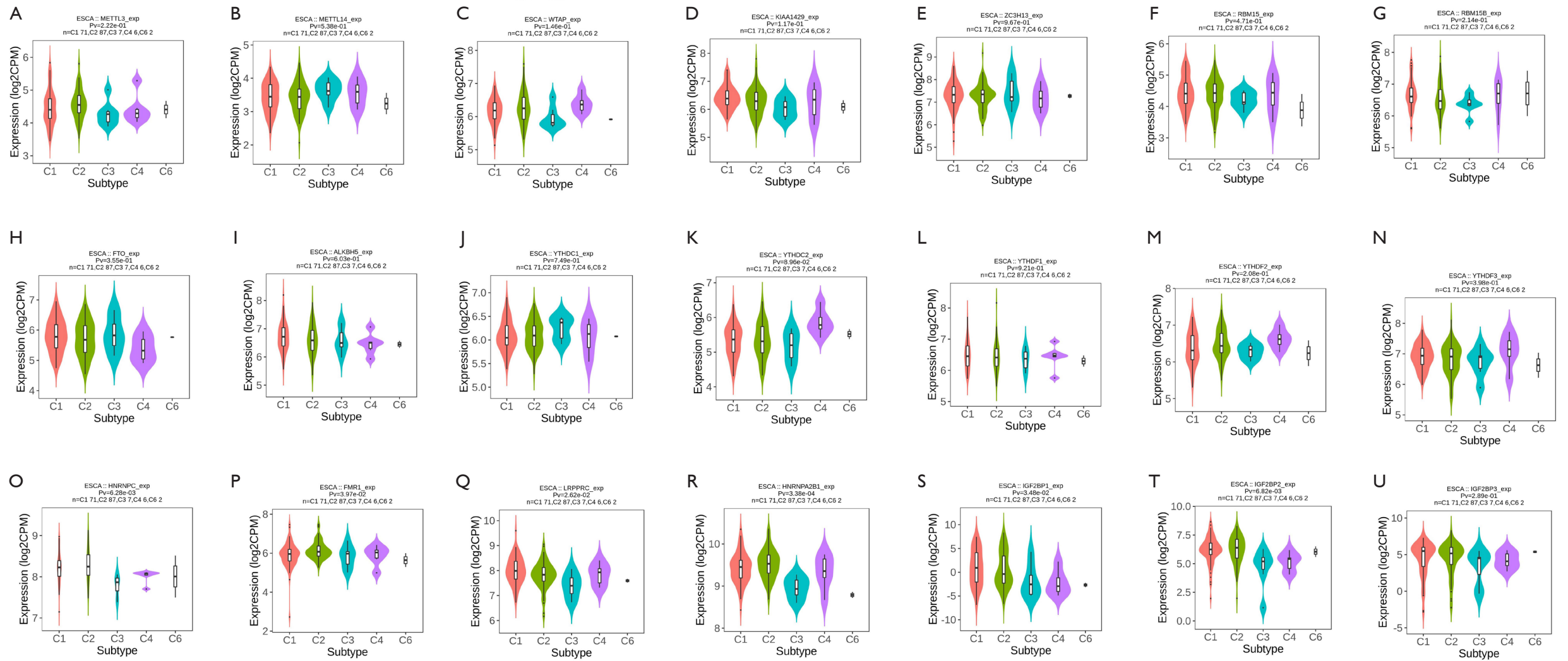


Figure S12 Correlation analysis between m6A regulators and immune subtypes. (A) METTL3. (B) METTL14. (C) WTAP. (D) KIAA1429 (also known as VIRMA). (E) ZC3H13. (F) RBM15. (G) RBM15B. (H) FTO. (I) ALKBH5. (J) YTHDC1. (K) YTHDC2. (L) YTHDF1. (M) YTHDF2. (N) YTHDF3. (O) HNRNPC. (P) FMR1. (Q) LRPPRC. (R) HNRNPA2B1. (S) IGF2BP1. (T) IGF2BP2. (U) IGF2BP3.

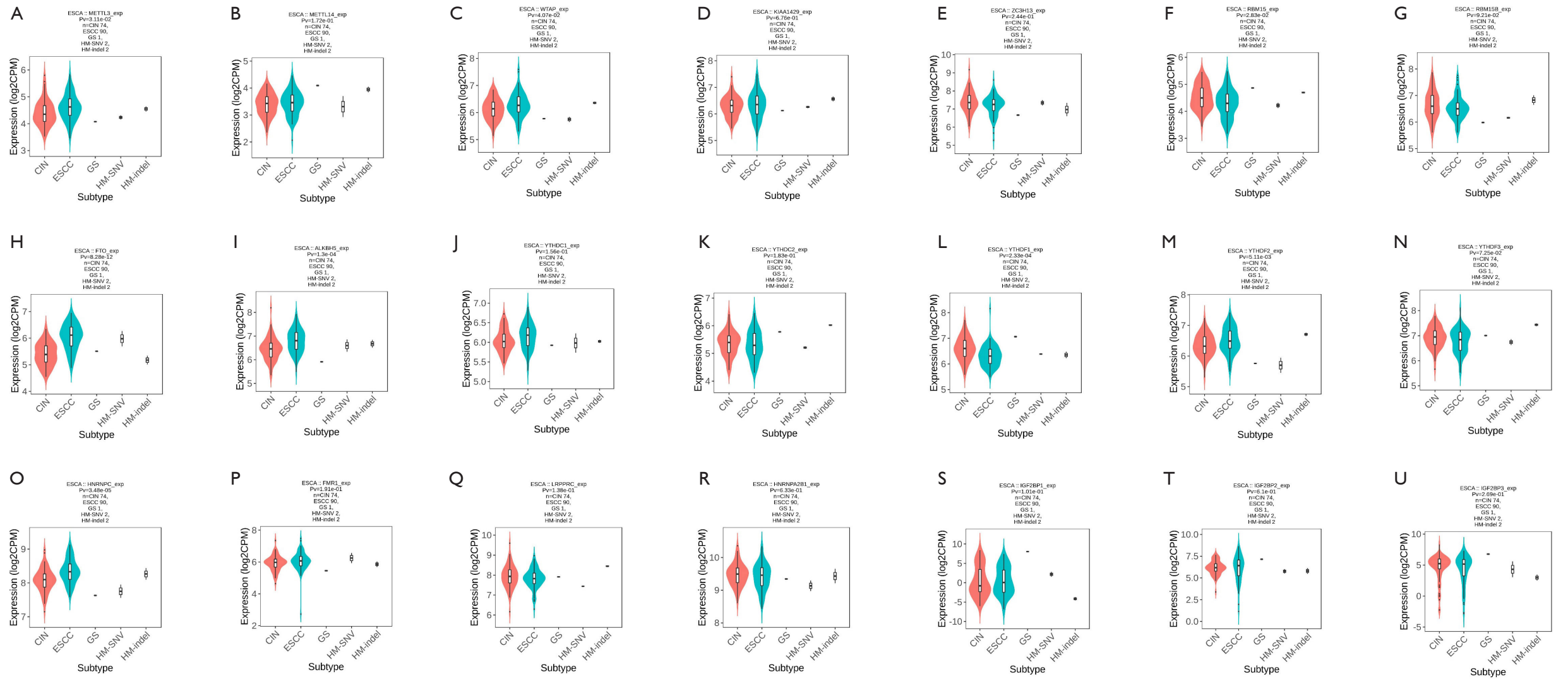


Figure S13 Correlation analysis between m6A regulators and molecular subtypes. (A) METTL3. (B) METTL14. (C) WTAP. (D) KIAA1429 (also known as VIRMA). (E) ZC3H13. (F) RBM15. (G) RBM15B. (H) FTO. (I) ALKBH5. (J) YTHDC1. (K) YTHDC2. (L) YTHDF1. (M) YTHDF2. (N) YTHDF3. (O) HNRNPC. (P) FMR1. (Q) LRPPRC. (R) HNRNPA2B1. (S) IGF2BP1. (T) IGF2BP2. (U) IGF2BP3.