Identification of a Novel Five-Gene Signature as a Prognostic and Diagnostic Biomarker in Colorectal Cancers

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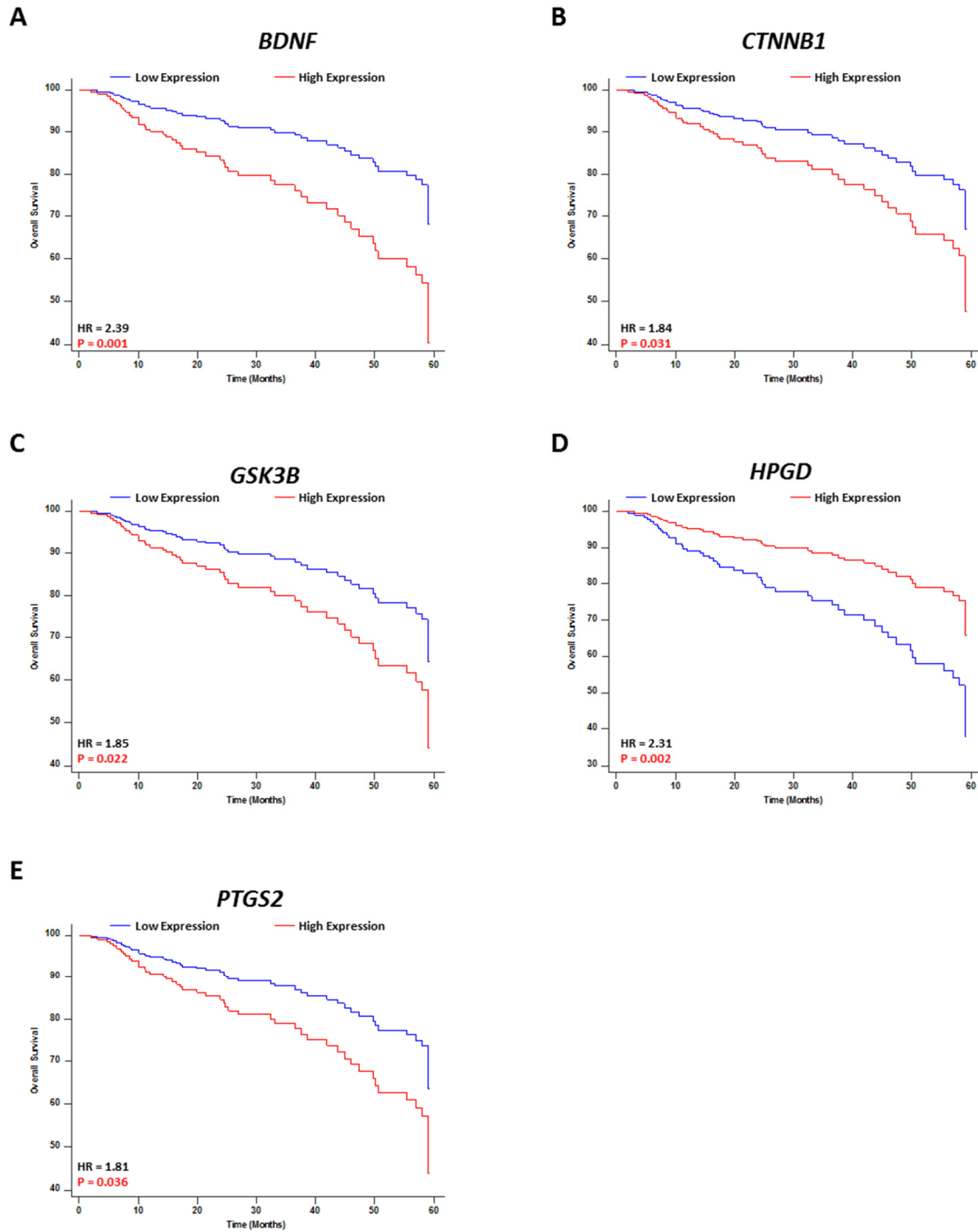
Figure S1. Kaplan–Meier survival plots for overall survival stratified by cox-ph univariate analysis for *BDNF* (A), *CTNNB1* (B), *GSK3B* (C), *HPGD* (D) and *PTGS2* (E) in silico training cohort (TCGA-COADREAD).
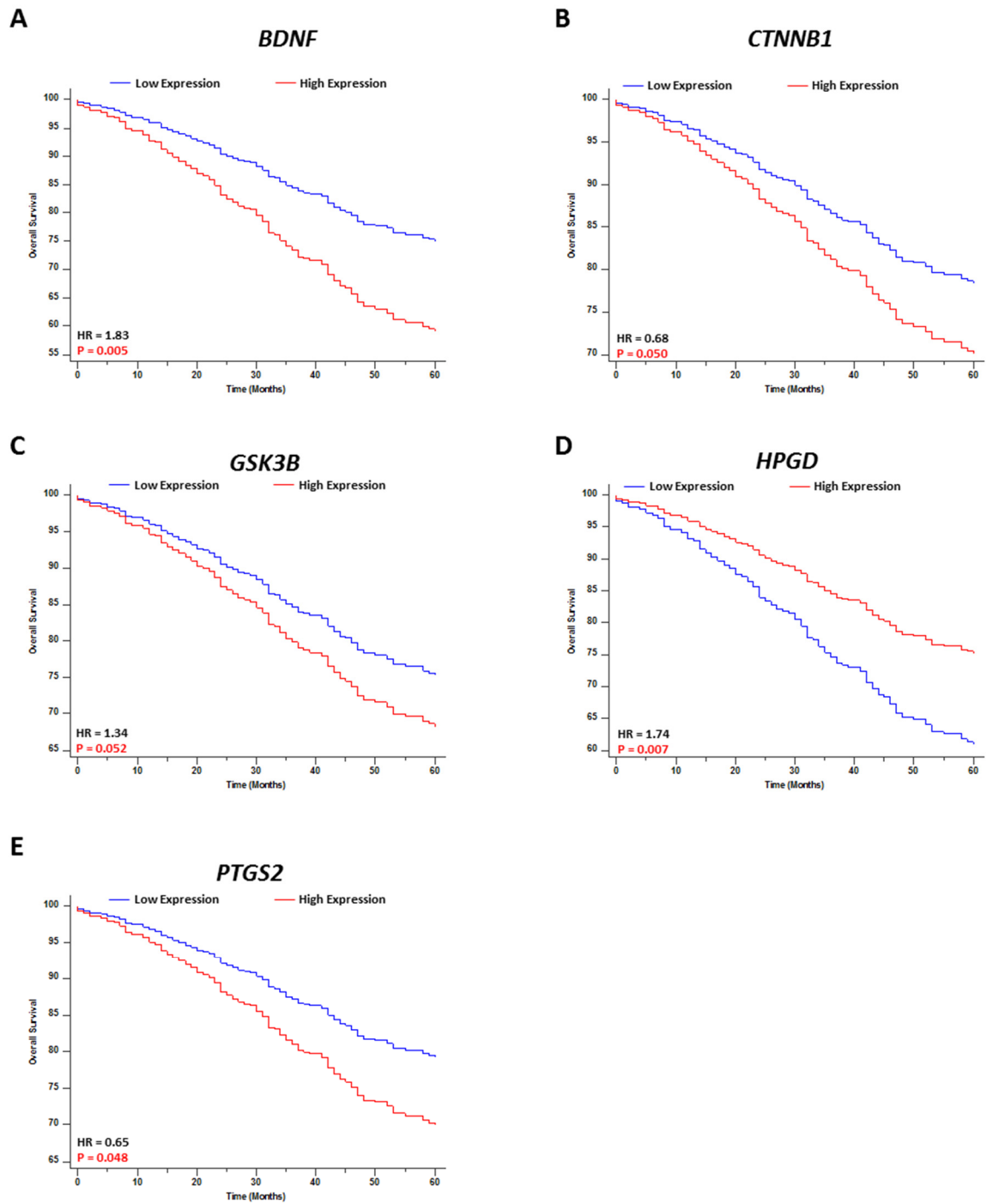
Figure S2. Kaplan–Meier survival plots for overall survival stratified by cox-ph univariate analysis for *BDNF* (A), *CTNNB1* (B), *GSK3B* (C), *HPGD* (D) and *PTGS2* (E) in silico validation cohort (GSE39582).
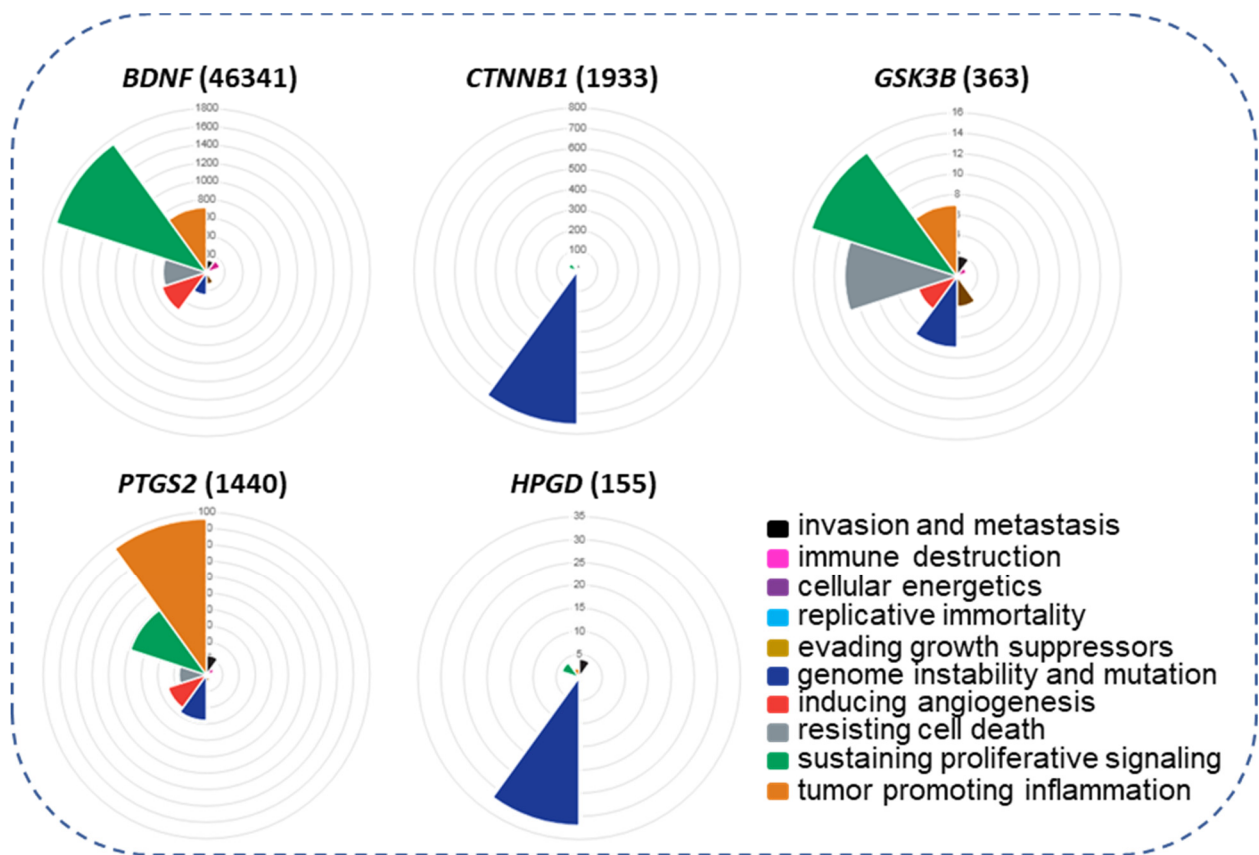
Figure S3. The role of *BDNF*, *CTNNB1*, *GSK3B*, *PTGS2* and *HPGD* in different cancer hallmarks based on the different datasets and publications (based on Cancer Hallmarks Analytics Tool (CHAT); http://chat.lionproject.net).
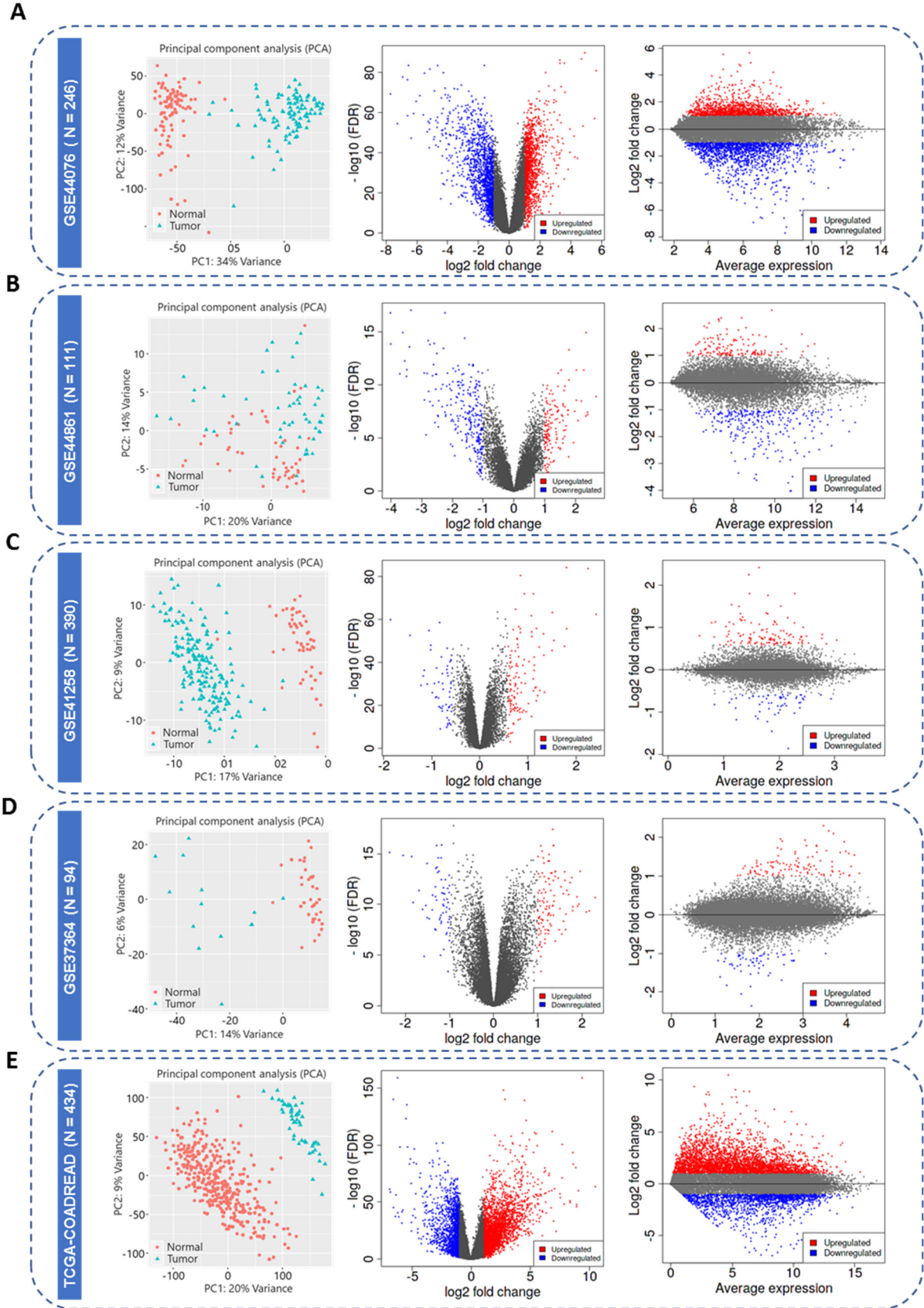
Figure S4. PCA and volcano plot of in silico discovery and training microarray and RNA-seq datasets. (A) GSE44076, (B) GSE44861, (C) GSE41258, (D) GSE37364, (E) TCGA-COADREAD.