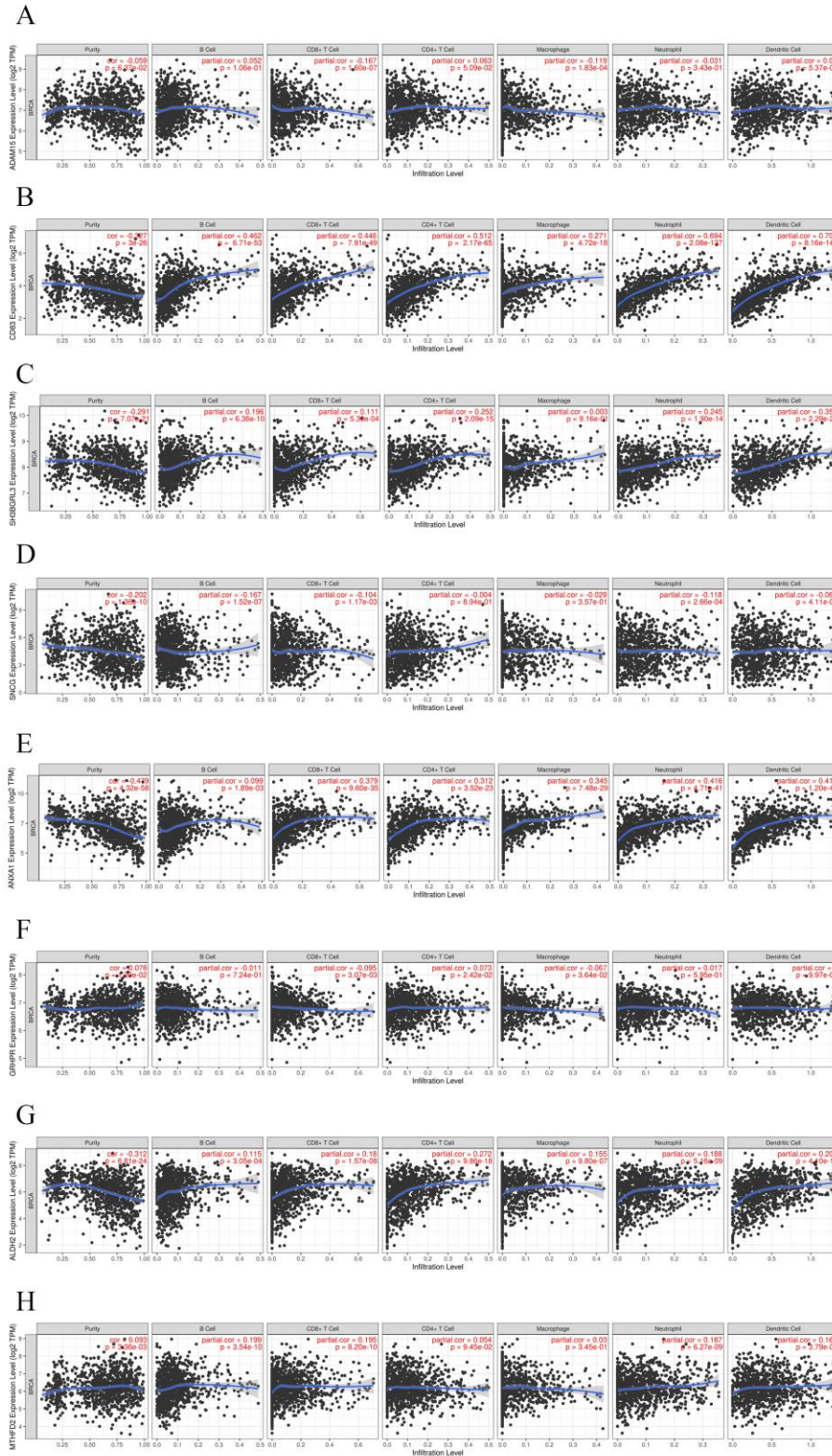
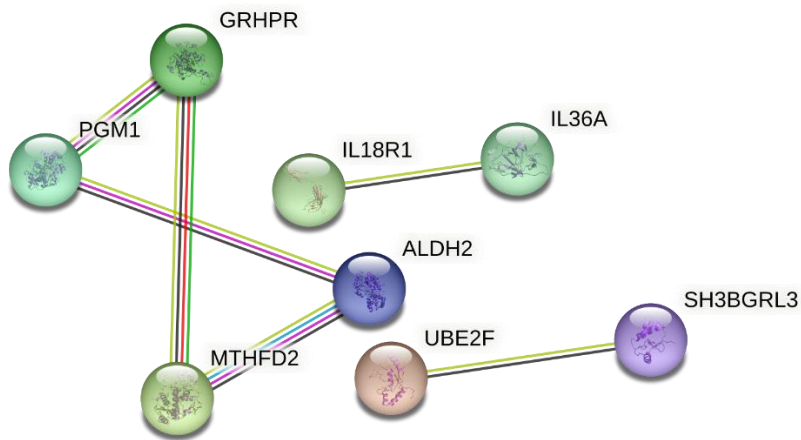


Supplementary Figure S1. Expression distribution of predicted proteins across human tissues from the GTEx database



Supplementary Figure S2. Correlation between tier 1 proteins expression and immune cell infiltration levels in breast cancer. Each plot shows the partial Spearman's correlation coefficient and p-value, adjusted for tumor purity. A - ADAM15. B - CD83. C - SH3BGRL3. D - SNCG. E - ANXA1. F - GRHPR. G - ALDH2. H - MTHFD2



Supplementary Figure S3. The Protein-protein interaction (PPI) network of proteins identified by proteome-wide Mendelian randomization. Lines represent interactions between proteins. Green line indicates gene neighborhood and predicted interaction; Blue line indicates known interaction from curated databases; Fuchsia line indicates known interaction that is experimentally determined. Yellow-green line indicates textmining; black line indicates co-expression. Data information was from STRING database