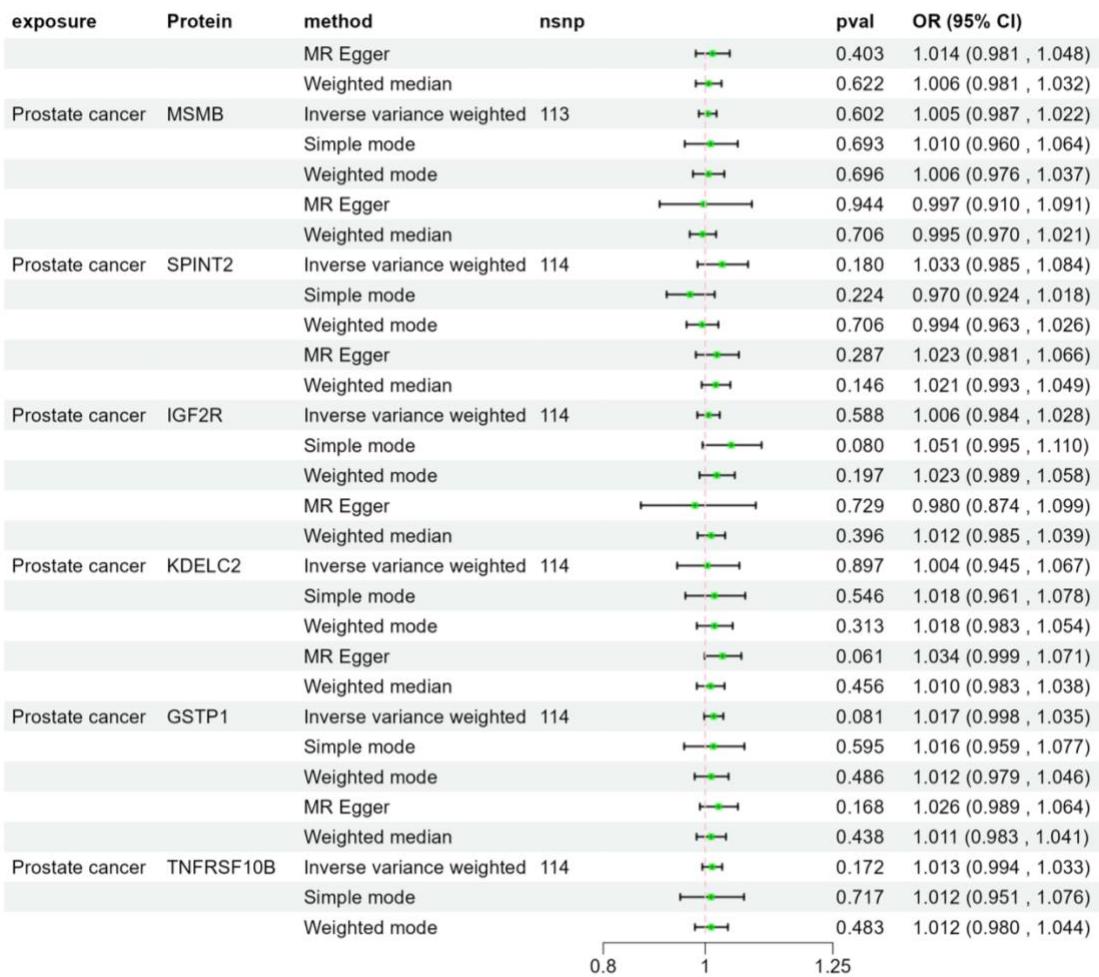


Potential drug targets for prostate cancer: A mendelian randomization study and application for target-derived drug design

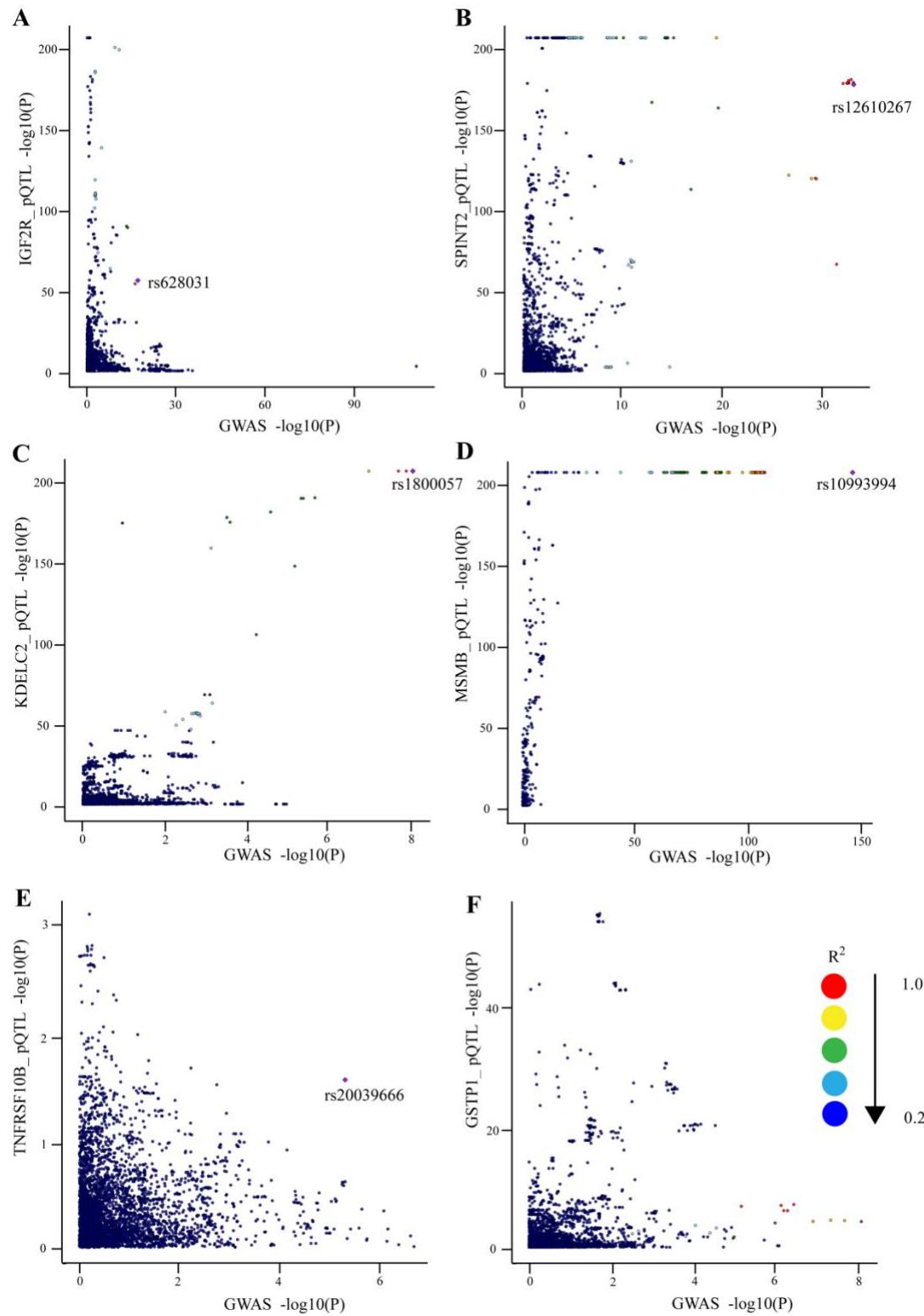
Supplementary Figure 1. the results of Bidirectional MR analysis for prostate cancer on levels of six initial screening proteins

Supplementary Figure 2. the results of colocalization analysis of six potential proteins for prostate cancer

Supplementary Figure 3. Protein-Protein interaction network between potential causal proteins and affirmed drug targets for PCa

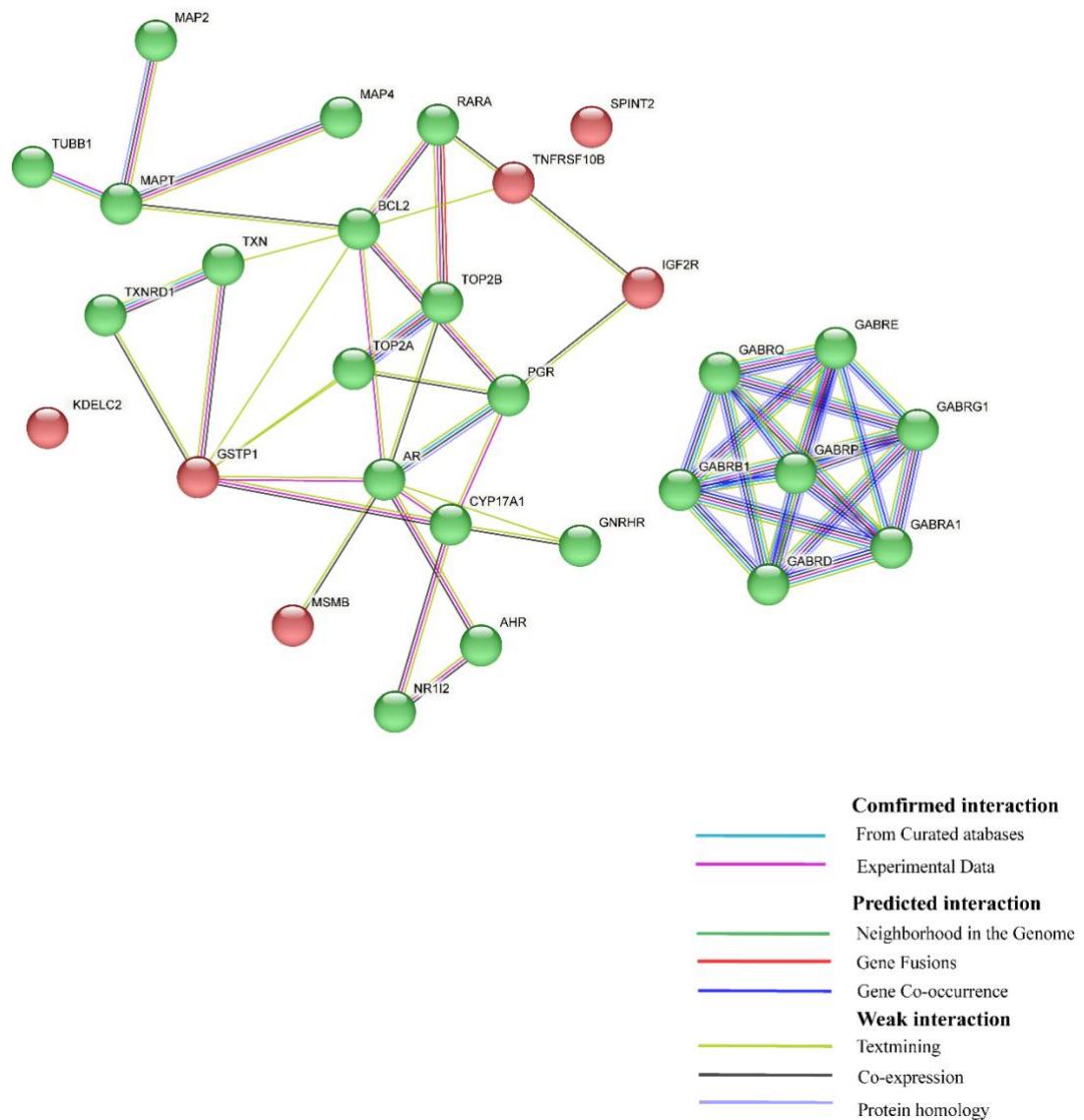


Supplementary Figure 1. the results of Bidirectional MR analysis for prostate cancer on levels of six initial screening proteins OR: odd ratios, nsnp: the numbers of single nucleotide polymorphisms



Supplementary Figure 2. the results of colocalization analysis of six potential proteins for prostate cancer Bayesian co-localization analysis of initial screening proteins for IGF2R(A), SPINT2(B), KDELC2(C), MSMB(D), TNFRSF10B(E),

GSTP1(F), respectively. the SNP about minimal sum of P value in corresponded protein QTLs and prostate cancer GWAS was shown in purple points and marked.



Supplementary Figure 3. Protein-Protein interaction network between potential causal proteins and affirmed drug targets for PCa. Red core symbolize the potential causal proteins. Green core symbolize the affirmed drug targets for PCa. Different color

lines symbolize the different connection between proteins.