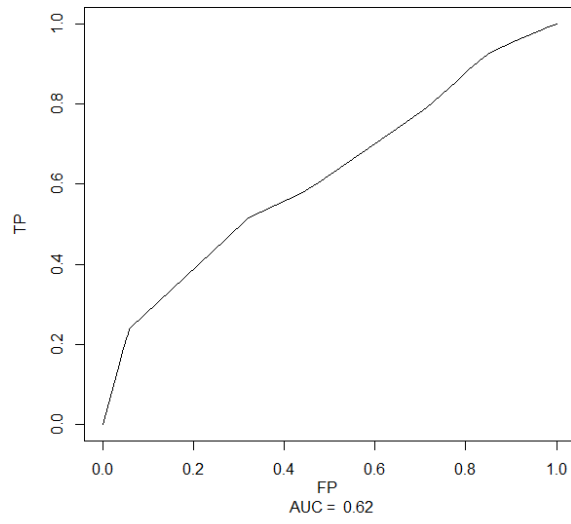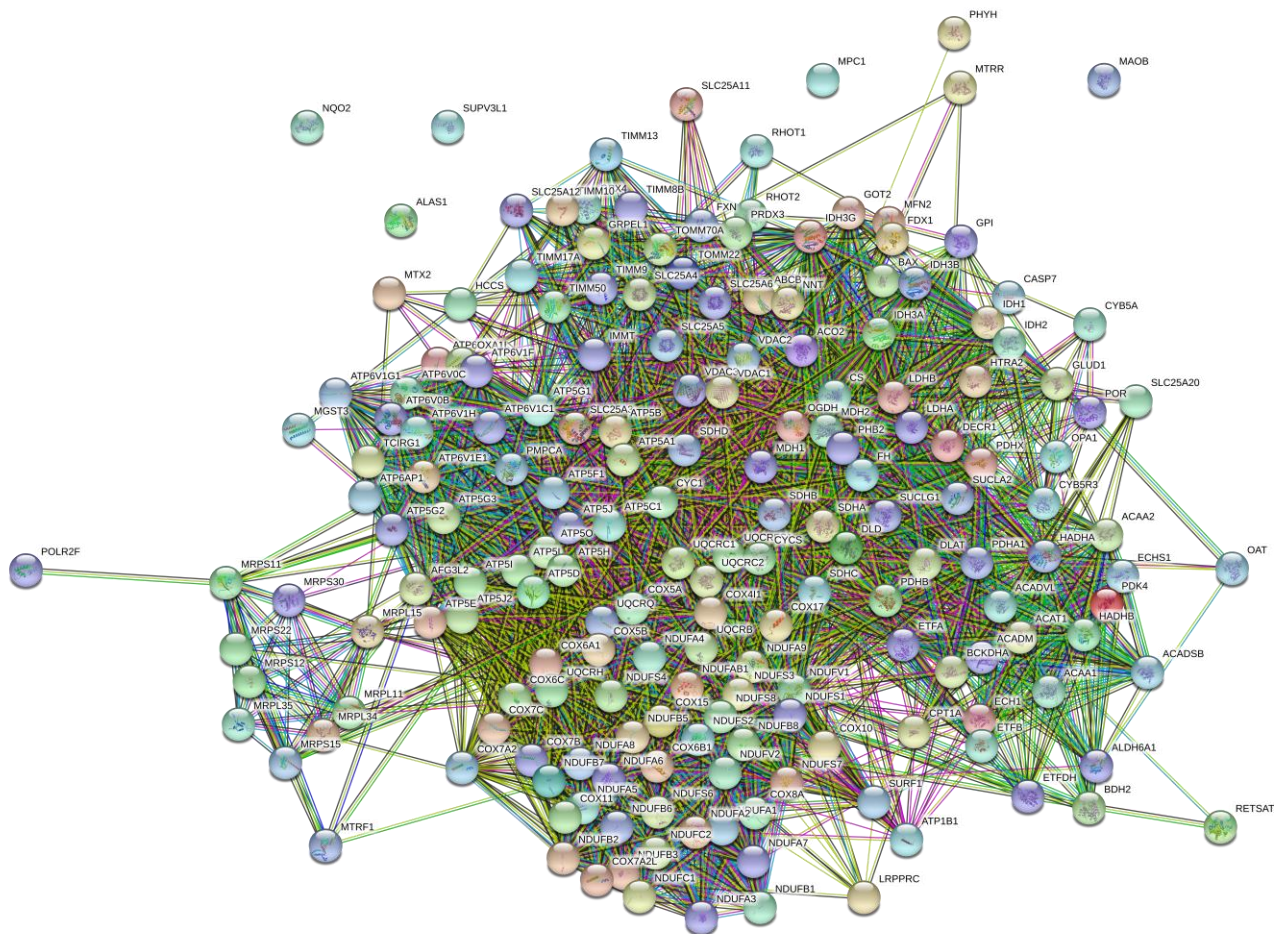**Table S1.** Sensitivity analysis for the prognosis-related gene pairs signature.

Gene pair omitted	AUC
ACOT7-MIR6756	0.806
CES1-RAB11FIP4	0.813
IPMK-RBPMS2	0.806
NES-RPS27L	0.798
NES-TPMT	0.816
PBX3-TNFRSF11A	0.802
TMEM245-TNFRSF11A	0.808
Overall	0.820

AUC, area under time-dependent receiver operating characteristics (ROC) curve.

Figure S1. Time-dependent receiver operating characteristic (ROC) curve of the pseudo prognosis-related gene pairs signature.

Figure S2. Protein–protein interaction network of genes in the enriched set of "oxidation and phosphorylation".