

Table S5. Significant enrichment of KEGG of first module of PPI.

KEGG ID	KEGG term	Count	PValue	Genes
hsa00230	Purine metabolism	7	3.64E-06	PDE4D, ENPP1, AK4, PDE5A, PDE7B, AK7, NME1
hsa01232	Nucleotide metabolism	4	0.002916	ENPP1, AK4, AK7, NME1
hsa03440	Homologous recombination	3	0.008482	BARD1, RAD54L, BRCA2
hsa00380	Tryptophan metabolism	3	0.008888	KYNU, CAT, ALDH7A1
hsa01100	Metabolic pathways	12	0.009186	PDE4D, KYNU, CAT, ENPP1, AK4, PDE5A, PDE7B, GYG1, AK7, ACADS, ALDH7A1, NME1
hsa01240	Biosynthesis of cofactors	4	0.014804	KYNU, AK4, AK7, NME1