

Table S4 the detail result of KEGG enrichment analysis

ID	Description	GeneRatio	BgRatio	pvalue	p.adjust	qvalue	geneID	Count
hsa05146	Amoebiasis	8/75	102/8170	3.79E-06	0.0005036	0.0004823	SERPINB4,	8
hsa04310	Wnt signaling	7/75	170/8170	0.0009016	0.0599546	0.057416	APCDD1L,	7
hsa04640	Hematopoiesis	5/75	99/8170	0.0020841	0.0923944	0.0884822	CD1E/CD1	5
hsa05204	Chemical carcinogenesis	4/75	69/8170	0.003609	0.1119077	0.1071692	GSTA2/CY	4
hsa00982	Drug metabolism - cytochrome P450	4/75	72/8170	0.0042071	0.1119077	0.1071692	GSTA2/CY	4
hsa00980	Metabolism of drugs and xenobiotics by cytochrome P450	4/75	78/8170	0.0055974	0.1163087	0.1113839	GSTA2/CY	4
hsa00983	Drug metabolism - cytochrome P450	4/75	80/8170	0.0061215	0.1163087	0.1113839	GSTA2/CY	4
hsa04060	Cytokine-cytokine receptor interaction	7/75	295/8170	0.0181833	0.3022975	0.2894974	INHA/IL35	7
hsa00592	alpha-Linolenic acid metabolism	2/75	26/8170	0.023441	0.3117649	0.298564	PLA2G3/P	2
hsa04950	Maturation of ribosome	2/75	26/8170	0.023441	0.3117649	0.298564	PDX1/HNF	2
hsa00591	Linoleic acid metabolism	2/75	30/8170	0.0306463	0.3530033	0.3380562	PLA2G3/P	2
hsa05202	Transcription	5/75	193/8170	0.0318499	0.3530033	0.3380562	HOXA10/E	5