Supplementary Table 2. The GO enrichment analysis based on prognostic cuproptosis related-genes.

Gene set name	Genes in gene set (K)	Genes in overlap (k)	k/K	p-value	FDR q-value
HALLMARK_INTERFERON_GAMMA_RESPONSE	200	13	0.065	0.00000000000377	0.0000000406
GOBP_CIRCULATORY_SYSTEM_DEVELOPMENT	1214	23	0.0189	0.00000000207	0.0000107
GOBP_BIOLOGICAL_PROCESS_INVOLVED_IN_INTERSPECIES_INTERACTION_BETWEEN_ORGANISMS	1693	24	0.0159	0.00000000299	0.0000107
HALLMARK_INTERFERON_ALPHA_RESPONSE	97	8	0.0825	0.00000000889	0.0000239
GOBP_REGULATION_OF_LOCOMOTION	1139	20	0.0176	0.0000000863	0.000186
GOBP_POSITIVE_REGULATION_OF_LOCOMOTION	609	14	0.023	0.00000036	0.000603
GOBP_IMMUNE_RESPONSE	1903	25	0.0131	;0.000000484	0.000603
GOBP_TUBE_DEVELOPMENT	1155	19	0.0165	0.000000496	0.000603
GOBP_CELL_MOTILITY	1783	24	0.0135	0.000000547	0.000603
GOBP_DEFENSE_RESPONSE_TO_OTHER_ORGANISM	1169	19	0.0163	0.000000594	0.000603
GOBP_DEFENSE_RESPONSE	1795	24	0.0134	0.000000616	0.000603
GOBP_NUCLEOBASE_CONTAINING_SMALL_MOLECULE_METABOLIC_PROCESS	673	14	0.0208	0.00000117	0.00105
GOBP_CARBOHYDRATE_DERIVATIVE_METABOLIC_PROCESS	1114	18	0.0162	0.0000013	0.00108
GOBP_ORGANOPHOSPHATE_BIOSYNTHETIC_PROCESS	595	13	0.0218	0.00000167	0.00129
GOBP_INNATE_IMMUNE_RESPONSE	919	16	0.0174	0.00000202	0.00131
GOBP_POSITIVE_REGULATION_OF_IMMUNE_SYSTEM_PROCESS	1033	17	0.0165	0.00000203	0.00131
GOBP_CELL_ADHESION	1524	21	0.0138	0.00000206	0.00131
GOBP_VASCULATURE_DEVELOPMENT	816	15	0.0184	0.00000221	0.00132
GOBP_INTRACELLULAR_OXYGEN_HOMEOSTASIS	7	3	0.4286	0.00000254	0.00144

Supplementary Table 3. Primer sequences for qRT-PCR used in this study.

Genes	Forward primer	Reverse primer
IDO1	CTGGCCAGCTTCGAGAAAGA	ATCTCCATGACCTTTGCCCC
THY1	CGCTCTCCTGCTAACAGTCTT	ACTGGATGGGTGAACTGCTG
GAPDH	TGTGGGCATCAATGGATTTGG	TGTGGGCATCAATGGATTTGG