

表 1 前 6 个模块的 KEGG 通路分析

Table1 KEGG pathway analysis of Top 6 modules

组别 Sample Group	通路名 Term	聚集数 Count	P 值 P value	伪发现率 FDR
模块 1 Module1	hsa04110: 细胞周期 hsa04110: Cell cycle	9	1.06E-11	8.19E-09
	hsa04114: 卵母细胞减数分裂过程 hsa04114: Oocyte meiosis	7	2.41E-08	1.86E-05
	hsa04914: 黄体酮介导的卵母细胞成熟 hsa04914: Progesterone-mediated oocyte maturation	5	1.56E-05	0.012080
模块 2 Module2	hsa04610: 补体和凝血级联 hsa04610: Complement and coagulation casca3es	6	3.87E-08	3.98E-05
	hsa00982: 药物代谢-细胞色素 P450 hsa00982: Drug metabolism-cytochrome P450	6	4.45E-09	3.02E-06
	hsa05204: 化学致癌作用 hsa05204: Chemical carcinogenesis	6	1.02E-08	6.94E-06
模块 3 Module3	hsa00830: 视黄醇代谢 hsa00830: Retinol metabolism	5	4.64E-07	3.15E-04
	hsa00980: 细胞色素 P450 对异生素的代谢 hsa00980: Metabolism of xenobiotics by cytochrome5 P450		8.36E-07	5.68E-04
	hsa00591: 亚油酸代谢 hsa00591: Linoleic acid metabolism	4	3.72E-06	0.002527
模块 5 Module5	hsa00232: 咖啡因代谢 hsa00232: Caffeine metabolism	3	1.18E-05	0.008026
	hsa01100: 代谢途径 hsa01100: Metabolic pathways	8	3.66E-05	0.024859
	hsa04978: 矿物质吸收途径 hsa04978: Mineral absorption	5	1.46E-09	1.46E-07