

Term	P-Value	Adjusted P-value	Genes
Glycolysis / Gluconeogenesis	6.66e-8	1.75e-5	GPI; TPI1; PGAM1; ENO1; ENO3 ; HK2; LDHA ; PKM; PGK1; ALDOC; ALDOA; PGM1; PFKP
HIF-1 signaling pathway	3.30e-5	3.27e-3	EGLN1 ; LDHA ; EGLN3; EGLN2 ; TFRC; STAT3; PGK1; SLC2A1; ENO1; ALDOA; ENO3 ; HK2
Fructose and mannose metabolism	3.73e-5	3.27e-3	PFKFB4; TPI1; AKR1B1; ALDOC; ALDOA; HK2; PFKP
Protein processing in endoplasmic reticulum	9.74e-5	6.41e-3	ERO1A; PDIA3; HSPA5; WFS1; RRBP1; CKAP4; DDOST; PDIA4; HSP90B1; OS9; CALR; P4HB; SEC24D; SEC31B ; HSPA1B
Galactose metabolism	2.32e-4	1.09e-2	GALE; GAA; AKR1B1; HK2; PGM1; PFKP
Lysosome	2.48e-4	1.09e-2	ASAH1; LAMP1; GM2A; NPC1; GAA; SLC17A5; AP1S1; ACP5; ATP6V0A4; CTSD; CTSS; CTSB
Antigen processing and presentation	3.85e-4	1.45e-2	PDIA3; HSPA5; RFX5; HLA-C ; CALR; CTSS; HSPA1B; CTSB; TAPBP
Alanine, aspartate and glutamate metabolism	4.64e-4	1.52e-2	GPT2; ADSSL1; ASNS; ABAT; RIMKLA; RIMKLB
Central carbon metabolism in cancer	5.68e-4	1.66e-2	LDHA ; PKM; PGAM1; IDH1; SLC2A1; SLC16A3; HK2; PFKP
Pentose phosphate pathway	1.59e-3	4.18e-2	GPI; ALDOC; ALDOA; PGM1; PFKP
Steroid biosynthesis	1.93e-3	4.61e-2	SQLE; CYP27B1; DHCR24; DHCR7
Starch and sucrose metabolism	3.64e-3	7.98e-2	GPI; GBE1; GAA; HK2; PGM1
Proteoglycans in cancer	6.05e-3	1.23e-1	TGFB1; ITGB5 ; FZD7; STAT3; FN1 ; WNT7A ; ITPR2; CDC42 ; WNT11; SDC1; ITGA5; EZR; PPP1R12B
ECM-receptor interaction	9.79e-3	1.84e-1	ITGB5 ; FN1 ; SDC1; COL9A3; ITGB6; ITGA5; THBS3
Citrate cycle (TCA cycle)	1.06e-2	1.86e-1	IDH1; IDH2; SUCLG2; ACO1
Phagosome	1.35e-2	2.21e-1	TFRC; LAMP1; ITGB5 ; HLA-C ; CYBA; ATP6V0A4; CALR; ITGA5; CTSS; THBS3
Renal cell carcinoma	1.50e-2	2.32e-1	CDC42 ; EGLN1; EGLN3; TGFB1; EGLN2 ; SLC2A1
Human papillomavirus infection	1.68e-2	2.45e-1	ITGB5 ; FZD7; FN1 ; HLA-C ; WNT7A ; THBS3 ; CDC42 ; SLC9A3R1; PKM; WNT11; HEY1; ATP6V0A4; COL9A3; MAML3; ITGB6; ITGA5; TLR3
Thyroid hormone synthesis	2.05e-2	2.84e-1	PAX8; HSPA5; ITPR2; CGA; PDIA4; HSP90B1