

Ingenuity Canonical Pathways	-log(p-value)	p-value	-log(B-H p-value)	B-H p-value	Ratio	z-score	Molecules
Spliceosomal Cycle	6,69	2,04E-07	4,47	3,41E-05	20,5%	3	CDC5L,DHX15,EIF4A3,RBM8A,SF3A3,SF3B1,SF3B2,U2AF2,XAB2
EIF2 Signaling	4,66	2,19E-05	2,61	2,43E-03	7,3%	3,317	EIF4A3,PTBP1,RPL13A,RPL17,RPL18A,RPL27,RPL27A,RPL35,RPL35A,RPL5,RPL7L1,RPL9,RPS11,RPS27L,SHC1
DNA Methylation and Transcriptional Repression Signaling	4,25	5,62E-05	2,33	4,71E-03	17,6%	#NOMBRE!	CHD4,HDAC2,MBD3,MTA1,MTA2,RBBP7
Cleavage and Polyadenylation of Pre-mRNA	4,14	7,24E-05	2,31	4,89E-03	33,3%	#NOMBRE!	CPSF3,CPSF6,CSTF2,PABPN1
STAT3 Pathway	3,35	4,47E-04	1,63	2,34E-02	7,4%	3,162	BMPR2,FGFR1,FLT1,FLT4,IFNAR1,IL2RG,IL4R,KDR,TGFB2,TGFBR2
Tight Junction Signaling	3,31	4,90E-04	1,63	2,34E-02	6,8%	#NOMBRE!	BET1L,CNKS3,CPSF3,CPSF6,CSTF2,GOSR1,GPAA1,SAFB,TGFB2,TGFBR2,YBX3
Cholesterol Biosynthesis I	2,69	2,04E-03	<1.3	>0.05	23,1%	#NOMBRE!	DHCR24,HSD17B7,MSMO1
Cholesterol Biosynthesis II (via 24,25-dihydrolanosterol)	2,69	2,04E-03	<1.3	>0.05	23,1%	#NOMBRE!	DHCR24,HSD17B7,MSMO1
Cholesterol Biosynthesis III (via Desmosterol)	2,69	2,04E-03	<1.3	>0.05	23,1%	#NOMBRE!	DHCR24,HSD17B7,MSMO1
Proline Biosynthesis I	2,62	2,40E-03	<1.3	>0.05	50,0%	#NOMBRE!	ALDH18A1,PYCR2
NF-κB Signaling	2,58	2,63E-03	<1.3	>0.05	5,9%	1,897	BMPR2,FCER1G,FGFR1,FLT1,FLT4,HDAC2,KDR,TBK1,TGFBR2,TNIP1
Zymosterol Biosynthesis	2,23	5,89E-03	<1.3	>0.05	33,3%	#NOMBRE!	HSD17B7,MSMO1
Notch Signaling	2,23	5,89E-03	<1.3	>0.05	11,1%	#NOMBRE!	DTX2,JAG1,NOTCH1,NOTCH2
PTEN Signaling	2,19	6,46E-03	<1.3	>0.05	5,9%	-2,828	BMPR2,CNKS3,FGFR1,FLT1,FLT4,KDR,SHC1,TGFBR2
Inhibition of Matrix Metalloproteases	2,19	6,46E-03	<1.3	>0.05	10,8%	0	ADAM12,MMP14,THBS2,TIMP3
Epithelial Adherens Junction Signaling	2,01	9,77E-03	<1.3	>0.05	5,5%	#NOMBRE!	ACVR1B,BMPR2,FGFR1,KEAP1,NOTCH1,NOTCH2,TGFB2,TGFBR2
Superpathway of Cholesterol Biosynthesis	1,73	1,86E-02	<1.3	>0.05	10,7%	#NOMBRE!	DHCR24,HSD17B7,MSMO1
Synaptogenesis Signaling Pathway	1,69	2,04E-02	<1.3	>0.05	4,0%	3,464	BET1L,CDHS,CREB1,EPHA2,EPHB4,GOSR1,GPAA1,LRP8,RELN,SHC1,THBS1,THBS2
Acetyl-CoA Biosynthesis III (from Citrate)	1,69	2,04E-02	<1.3	>0.05	100,0%	#NOMBRE!	ACLY
Interferon Signaling	1,61	2,45E-02	<1.3	>0.05	9,7%	#NOMBRE!	IFITM2,IFITM3,IFNAR1
VEGF Family Ligand-Receptor Interactions	1,59	2,57E-02	<1.3	>0.05	6,1%	2	FLT1,FLT4,KDR,NRP2,SHC1
Inhibition of Angiogenesis by TSP1	1,54	2,88E-02	<1.3	>0.05	9,1%	#NOMBRE!	KDR,TGFBR2,THBS1
Telomere Extension by Telomerase	1,50	3,16E-02	<1.3	>0.05	14,3%	#NOMBRE!	HNRNPA2B1,RAD50
UDP-D-xylose and UDP-D-glucuronate Biosynthesis	1,40	3,98E-02	<1.3	>0.05	50,0%	#NOMBRE!	UXS1
Dolichol and Dolichyl Phosphate Biosynthesis	1,40	3,98E-02	<1.3	>0.05	50,0%	#NOMBRE!	DHDDS
Glycine Biosynthesis I	1,40	3,98E-02	<1.3	>0.05	50,0%	#NOMBRE!	SHMT2
Cell Cycle: G1/S Checkpoint Regulation	1,39	4,07E-02	<1.3	>0.05	6,3%	#NOMBRE!	HDAC2,PAK1IP1,RPL5,TGFB2