Supplementary Table S1

siRNA sequences, qPCR primer sequences, and the 20 common differentially expressed genes identified by RNA sequencing of NOP10-knockdown pancreatic cancer cells.

siRNA sequences targeting NOP10

siRNA	Target gene	Target sequence (5' to 3')
si-NOP10#1	NOP10	GACACCGAATCACCATCAA
si-NOP10#2	NOP10	CCCAGATGACAAATACTCT
si-NC	Scrambled control	

qPCR primer sequences

Gene	Forward primer (5' to 3')	Reverse primer (5' to 3')
NOP10	GAAACGCTTCAAGGTGCTCAT	GGTGGCAGAAAAGACATCAGTTTA
TRAF1	CGATGGCACTTTCCTGTGGAAG	TACAGCCGCAGGCACAACTTGT
GAPDH	TGCACCACCAACTGCTTAGC	GGCATGGACTGTGGTCATGAG

Primer sequences are listed in the 5' to 3' orientation.

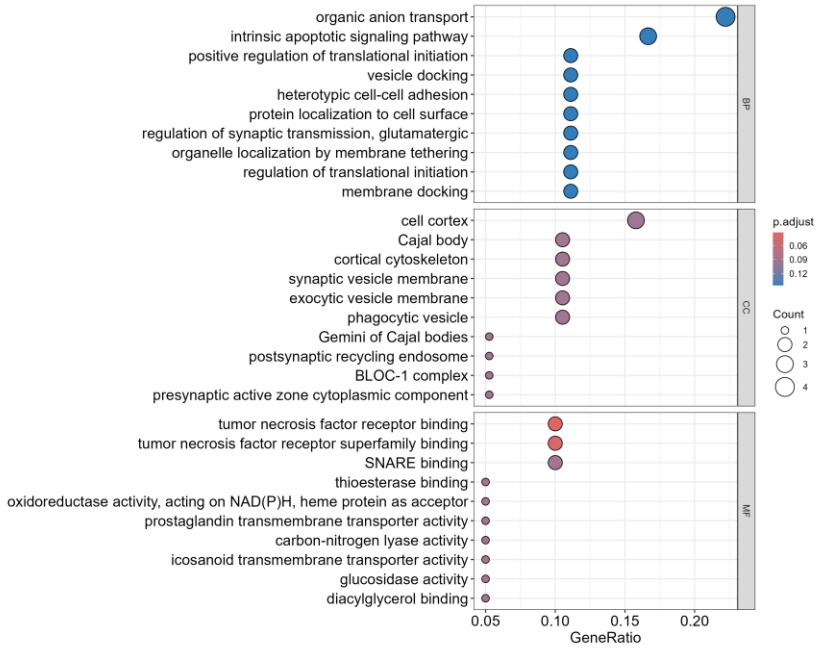
Common differentially expressed genes (20 genes)

No.	Gene symbol
1	NOP10
2	TPM4
3	HABP4
4	TRAF1
5	STX12
6	MESD
7	PERP
8	SLC2A6
9	CD82
10	ZNF664
11	SLCO4A1

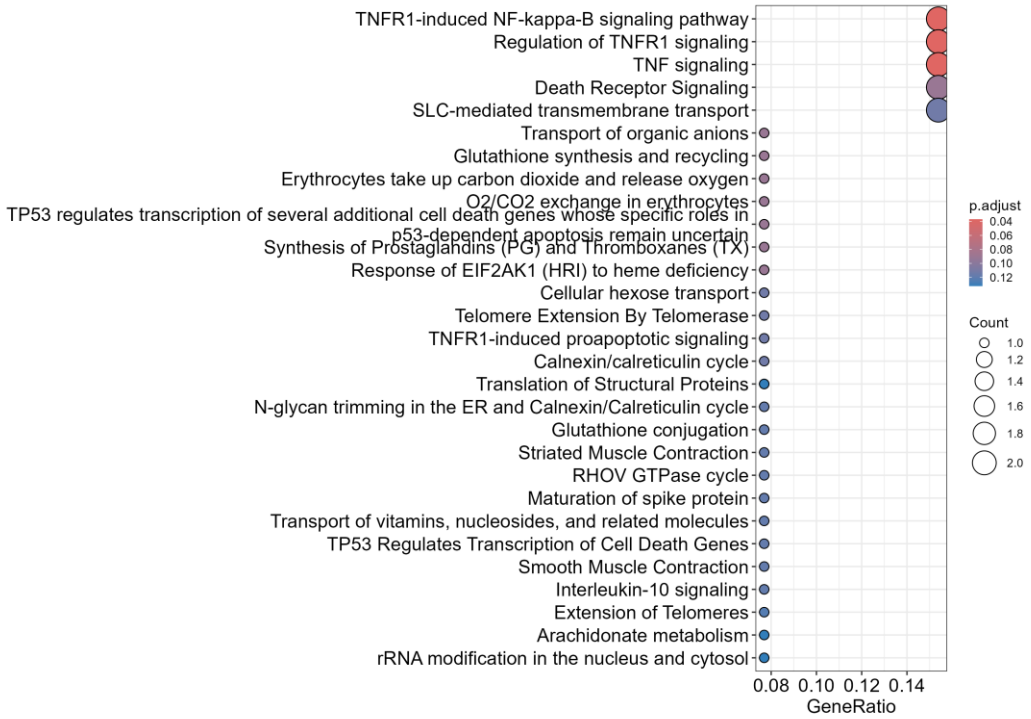
12	CYB5RL
13	N4BP3
14	FAM43A
15	GANAB
16	PRXL2B
17	UNC13A
18	TNF
19	MTSS2
20	H2AC6

Supplementary Table S2

GO enrichment results



Reactome enrichment results


TNFR1-induced NF-kappa-B signaling pathway
Regulation of TNFR1 signaling
TNF signaling
Death Receptor Signaling
SLC-mediated transmembrane transport
Transport of organic anions
Glutathione synthesis and recycling
Erythrocytes take up carbon dioxide and release oxygen
O2/CO2 exchange in erythrocytes
TP53 regulates transcription of several additional cell death genes whose specific roles in p53-dependent apoptosis remain uncertain
Synthesis of Prostaglandins (PG) and Thromboxanes (TX)
Response of EIF2AK1 (HRI) to heme deficiency
Cellular hexose transport
Telomere Extension By Telomerase
TNFR1-induced proapoptotic signaling
Calnexin/calreticulin cycle
Translation of Structural Proteins
N-glycan trimming in the ER and Calnexin/Calreticulin cycle
Glutathione conjugation
Striated Muscle Contraction
RHOV GTPase cycle
Maturation of spike protein
Transport of vitamins, nucleosides, and related molecules
TP53 Regulates Transcription of Cell Death Genes
Smooth Muscle Contraction
Interleukin-10 signaling
Extension of Telomeres
Arachidonate metabolism
rRNA modification in the nucleus and cytosol
0.08 0.10 0.12 0.14
GeneRatio
p.adjust
0.04
0.06
0.08
0.10
0.12
Count
1.0
1.2
1.4
1.6
1.8
2.0