

Supplementary table 2

Gemcitabine pathway modulators								
Gene name	Protein name	Function in gemcitabine pathway	PANC1	PANC1	PANC1R	PANC1R	FC	P-value
SLC29A1	Equilibrative nucleoside transporter 1	membrane transporter	10.4	10.3	6.8	6.9	-1.51	0.242
RRM1	Ribonucleoside-diphosphate reductase large subunit	gemcitabine target	25.6	30.0	37.9	32.6	1.27	0.186
RRM2	Ribonucleoside-diphosphate reductase subunit M2	gemcitabine target	7.6	17.6	14.6	12.8	1.09	0.701
NT5C	5(3')-deoxyribonucleotidase, cytosolic type	gemcitabine dephosphorylation	5.7	2.1	5.8	11.9	2.28	0.094
DCTD	Deoxycytidylate deaminase	gemcitabine deactivation	11.4	12.4	13.6	15.8	1.24	0.447
CMPK1	UMP-CMP kinase	Gemcitabine activation	13.3	12.4	16.5	14.8	1.22	0.464
RRM2B	Ribonucleoside-diphosphate reductase subunit M2 B	gemcitabine target	4.7	4.1	3.9	3.0	-1.29	0.617
Transporters								
Gene name	Protein name		PANC1	PANC1	PANC1R	PANC1R	FC	P-value
SLC5A3	Sodium/myo-inositol cotransporter		0.0	0.0	2.9	2.0	NA	0.011
SLC25A5	ADP/ATP translocase 2		76.7	58.9	49.6	49.4	-1.37	0.037
SLC7A6	Y+L amino acid transporter 2		0.9	2.1	0.0	0.0	NA	0.043
SLC4A2	Anion exchange protein 2		6.6	6.2	11.7	13.8	1.99	0.045
CACNA2D1	Voltage-dependent calcium channel subunit alpha-2/delta-1		5.7	1.0	6.8	9.9	2.49	0.068
ABCC1	Multidrug resistance-associated protein 1		50.2	36.2	53.5	59.3	1.31	0.083
SLC12A4	Solute carrier family 12 member 4		1.9	1.0	3.9	4.9	3.02	0.088
MTCH2	Mitochondrial carrier homolog 2		13.3	14.5	21.4	20.8	1.52	0.090
SLC25A29	Mitochondrial basic amino acids transporter		0.9	1.0	0.0	0.0	NA	0.095
SLC4A11	Sodium bicarbonate transporter-like protein 11		0.9	1.0	0.0	0.0	NA	0.095
SLC39A14	Zinc transporter ZIP14		3.8	1.0	6.8	4.9	2.44	0.096
SLC12A2	Solute carrier family 12 member 2		5.7	0.0	9.7	5.9	2.75	0.097
Stem cell marker								
Gene name	Protein name		PANC1	PANC1	PANC1R	PANC1R	FC	P-value
NES	Nestin		2.8	4.1	22.4	21.7	6.33	0.001
LTBP2	Latent-transforming growth factor beta-binding protein 2		4.7	3.1	0.0	0.0	NA	0.004
PAFAH1B1	Platelet-activating factor acetylhydrolase IB subunit alpha		13.3	15.5	26.3	26.7	1.84	0.013
LRP5	Low-density lipoprotein receptor-related protein 5		0.0	0.0	4.9	1.0	NA	0.026
NKAP	NF-kappa-B-activating protein		0.9	2.1	0.0	0.0	NA	0.043
NF2	Merlin		4.7	6.2	2.9	1.0	-2.80	0.071
FBLN1	Fibulin-1		0.9	1.0	0.0	0.0	NA	0.095