

Supplemental table 1: Some glycoproteins identified in pancreas tissues with at least one N-glycopeptide overexpressed in pancreatic cancer

Gene name	Protein description	Gene name	Protein description	Gene name	Protein description	Gene name	Protein description
A2M	alpha-2-macroglobulin	CPE	Carboxypeptidase E	HRG	Histidine-rich glycoprotein	P4HA2	Prolyl 4-hydroxylase subunit alpha-2
ABI3BP	Target of Nesh-SH3	CPVL	Carboxypeptidase, vitellogenic-like	ICAM1	Intercellular adhesion molecule 1	PCSK2	Proprotein convertase subtilisin/kexin type 2
ACAN	Aggrecan core protein	CREG1	Protein CREG1	IGFBP3	Insulin-like growth factor binding protein 3	PECAM1	Platelet endothelial cell adhesion molecule
ADAM17	Disintegrin and metalloproteinase domain 17	CTSA	Lysosomal protective protein	IGHM	Ig mu chain C region	PGLYRP2	N-acetylmuramoyl-L-alanine amidase
AEBP1	AE binding protein 1	CTSC	Dipeptidyl-peptidase 1	IGJ	Immunoglobulin J chain	PIG35	Proliferation-inducing protein 35
AHSG	Alpha-2-HS-glycoprotein	CTSD	Cathepsin D	ITGA1	Integrin alpha-1	PIGR	Polymeric-immunoglobulin receptor
ANGPTL2	Angiotensin-related protein 2	CTSL	Cathepsin L	ITGA2	Integrin alpha-2	PLOD2	procollagen-lysine
AOC3	Membrane copper amine oxidase	CYBB	Cytochrome b-245 heavy chain	ITGA3	Integrin, alpha 3	PLOD3	Procollagen-lysine,2-oxoglutarate 5-dioxygenase 3
APOB	Apolipoprotein B-100	DCN	Decorin	ITGAM	Integrin alpha-M	PLXNB2	Plexin B2
APOD	Apolipoprotein D	DPP4	Dipeptidyl peptidase 4	ITGAV	Integrin alpha-V	PON1	Serum paraoxonase/arylesterase 1
APOH	Beta-2-glycoprotein 1	ECM1	Extracellular matrix protein 1	ITGAX	Integrin alpha-X	POSTN	Periostin
APOM	Apolipoprotein M	ELA2	Leukocyte elastase	ITGB1	integrin beta 1	PRELP	PRELP protein
ASAH1	N-acylsphingosine amidohydrolase 1	ENPEP	Glutamyl aminopeptidase	ITGB2	INTEGRIN-LIKE PROTEIN	PRNP	Major prion protein
ASPH	Aspartyl/asparaginyl beta-hydroxylase	ENTPD1	Ectonucleoside triphosphate diphosphohydrolase 1	ITI2	Inter-alpha (Globulin) inhibitor H2	PSAP	Prosaposin
ASPN	ASPN protein	ERAP1	Endoplasmic reticulum aminopeptidase 1	ITI4	Inter-alpha-trypsin inhibitor heavy chain H4	PTGDS	Prostaglandin-H2 D-isomerase
AZGP1	Alpha-2-glycoprotein 1, zinc-binding	ERAP2	Aminopeptidase	ITPR1	Inositol 1,4,5-trisphosphate receptor type 1	PTK7	Transmembrane receptor PTK7-3
BGN	Biglycan	ERO1L	ERO1-like protein alpha	KDEL2	KDEL motif-containing protein 2	PTPRC	Receptor-type tyrosine-protein phosphatase C
BST1	ADP-ribosyl cyclase 2	F11	Coagulation factor XI	KLKB1	Plasma kallikrein	QPCT	Glutamyl-peptide cyclotransferase
BTD	biotinidase	F2	Prothrombin	KNG1	Kininogen-1	RCN3	Reticulocalbin-3
BTN3A3	Butyrophilin subfamily 3 member A3	FAP	Seprase	LAIR1	Leukocyte-associated Ig-like receptor 1	SEL1L	Protein sel-1 homolog 1
C1QA	Complement C1q subcomponent subunit A	FBLN1	Fibulin-1	LAMA3	Laminin alpha 3 subunit	SEPP1	Selenoprotein P
C3	Complement component 3	FBN1	Fibrillin 1	LAMA4	Laminin subunit alpha-4	SERPINA1	Alpha-1-antitrypsin
C4A	Complement C4-A	FCGBP	Fc fragment of IgG binding protein	LAMP1	LAMP1 protein variant	SERPINA10	Protein Z-dependent protease inhibitor
C4BPB	Complement component 4 binding protein, beta	FCGR1A	High affinity immunoglobulin gamma Fc receptor I	LCN2	Lipocalin 2	SERPINA3	Alpha-1-antichymotrypsin
C9	Complement component C9	FGB	Fibrinogen beta chain	LEPRE1	Prolyl 3-hydroxylase 1	SERPINA4	Kallistatin
CACNA2D1	Dihydropyridine receptor alpha 2 subunit	FGG	Fibrinogen gamma chain	LGALS3BP	Galectin-3-binding protein	SERPINA5	Plasma serine protease inhibitor
CD109	CD109 antigen	FKBP10	FK506-binding protein 10	LGMN	Full-length cDNA clone CS0DI011YN22 of Placenta of Homo sapiens	SERPINA6	Corticosteroid-binding globulin
CD163	Scavenger receptor cysteine-rich type 1 protein M130	FKBP7	FK506-binding protein 7	LRG1	Leucine-rich alpha-2-glycoprotein	SERPINA7	Thyroxine-binding globulin
CD276	Costimulatory molecule	FKBP9	FK506-binding protein 9	LRP1	Pro-low-density lipoprotein receptor-related protein 1	SERPINC1	Antithrombin-III
CD40	Tumor necrosis factor receptor superfamily, member 5	FN1	Fibronectin	LSAMP	Limbic system-associated membrane protein	SERPIND1	Heparin cofactor 2
CD44	CD44 antigen	GAA	Lysosomal alpha-glucosidase	LUM	Lumican	SERPING1	Plasma protease C1 inhibitor
CD47	Leukocyte surface antigen CD47	GBA	Glucosylceramidase	LYPLA3	1-O-acylceramide synthase	SGCE	Epsilon-sarcoglycan
CD68	CD68 antigen	GLT25D1	Glycosyltransferase 25 domain-containing protein 1	LYVE1	Lymphatic vessel endothelial hyaluronin acid receptor 1	SLC2A1	Solute carrier family 2, facilitated glucose transporter member 1
CD97	CD97 antigen	GNS	N-acetylglucosamine-6-sulfatase	M6PR	Cation-dependent mannose-6-phosphate receptor	SLC3A2	4F2 cell-surface antigen heavy chain
CDH13	Cadherin-13	GOLM1	Golgi membrane protein 1	MAN2B1	Lysosomal alpha-mannosidase	STIM1	Stromal interaction molecule 1
CEACAM5	Carcinoembryonic antigen-related cell adhesion molecule 5	GPC1	Glypican-1	MFAP4	Microfibril-associated glycoprotein 4	SUMF1	Sulfatase-modifying factor 1
CEACAM6	Carcinoembryonic antigen-related cell adhesion molecule 6	GNPMB	Transmembrane glycoprotein NMB	MPO	Myeloperoxidase	SUSD2	Sushi domain-containing protein 2
CFB (C2)	Highly similar to Complement factor B	GREM1	Gremlin 1-like protein	MRC1	Mannose receptor, C type 1	TF	Transferrin
CFH	Complement factor H	GUSB	Putative uncharacterized protein GUSB	MRC2	Mannose receptor, C type 2	THBS1	Thrombospondin-1
CFHR2	Complement factor H-related protein 2	HEXA	Beta-hexosaminidase alpha chain	MUC5AC	Mucin-5AC	THBS2	Thrombospondin 2
CFI	Complement factor I	HEXB	Beta-hexosaminidase beta chain	MXRA5	Matrix-remodeling-associated protein 5	THY1	Thy-1 membrane glycoprotein
CLDND1	Claudin domain-containing protein 1	HLA-A	HLA class I histocompatibility antigen, A-69 alpha chain	MXRA8	Novel protein	TIMP1	TIMP1 protein
CLPTM1	CLPTM1 protein	HLA-B	MHC class I antigen	NAGLU	Alpha-N-acetylglucosaminidase	TPP1	Tripeptidyl-peptidase 1
CLU	Clusterin	HLA-C	HLA class I histocompatibility antigen, Cw-17 alpha chain	NPTX2	Neuronal pentraxin II	TSPAN1	Tetraspanin 1
COL12A1	Collagen, type XII, alpha 1 short isoform	HLA-DRA	Major histocompatibility complex, class II, DR alpha	NT5E	5'-nucleotidase, ecto	VASN	Vasorin
COL14A1	Collagen alpha-1(XIV) chain	HLA-DRB1	HLA class II DR-beta (HLA-DR B)	OLFM1	Noelin	VCAN	Versican core protein
COL6A3	Collagen alpha-3(VI) chain	HLA-HP	HLA-DRB1 protein	OLFML3	Olfactomedin-like protein 3	VTN	Vitronectin
CP	CP protein	HP	HP protein	ORM1	Orosomucoid 1	VWF	von Willebrand factor
CPB2	Carboxypeptidase B2	HPX	Hemopexin	P4HA1	Prolyl 4-hydroxylase subunit alpha-1		