

Supplementary Table S2. Top 20 Extracellular Matrix Proteins of Porcine Pancreatic Extracellular Matrix Hydrogels by Global Proteomic Analysis

Protein	Gene	Functional classification	Accession No.	1% Triton	1% SDS	0.5% SDS	0.1% SDS	1% Triton-PI-Dec	0.1% SDS-PI-Dec	1% Triton-PI-Dec	0.1% SDS-PI-Dec	1% Triton-PI
Collagen alpha-1(I) chain	COL1A1	Fibrillar collagen	P02453	158	175	218	172	129	159	129	159	134
Collagen alpha-2(I) chain	COL1A2	Fibrillar collagen	F1SFA7	267	293	331	304	218	260	218	260	218
Collagen alpha-1(III) chain	COL3A1	Fibrillar collagen	F1RYI8	180	203	259	169	141	161	141	161	128
Collagen alpha-1(V) chain	COL5A1	Fibrillar collagen	F1S021	20	32	27	21	15	17	15	17	18
Collagen alpha-1(I) chain	COL1A1	Fibrillar collagen	P02453	158	175	218	172	129	159	129	159	134
Collagen alpha-2(V) chain	COL5A2	Fibrillar collagen	F1RXXW0	22	24	30	21	19	18	19	18	18
Collagen alpha-1(IV) chain	COL4A1	Basement membrane	F1RLM1	39	31	33	55	34	37	34	37	35
Collagen alpha-2(IV) chain	COL4A2	Basement membrane	F1RLI9	61	50	57	79	51	79	51	79	48
Collagen alpha-6(IV) chain	COL4A6	Basement membrane	F1RLI9	3	5	8	12	4	10	4	10	6
Laminin alpha-4	LAMA4	Basement membrane	F1RZM4	4	0	0	0	21	0	21	0	18
Laminin beta-1	LAMB1	Basement membrane	F1SAE9	11	0	0	2	37	11	37	11	32
Laminin beta-2	LAMB2	Basement membrane	F1SPT5	11	0	0	0	3	3	37	3	34
Laminin gamma-1	LAMC1	Basement membrane	F1S663	26	4	7	6	60	16	60	16	57
Nidogen-2	NID2	Basement membrane	F1SFF3	7	0	0	0	23	5	23	5	18
Perlecan	HSPG2	Basement membrane	F1SU03	8	0	2	2	25	6	25	6	19
Collagen alpha-1(VI) chain	COL6A1	Matricellular	I3LS72	10	11	6	5	17	31	17	31	21
Collagen alpha-2(VI) chain	COL6A2	Matricellular	I3LQ84	38	27	20	18	55	60	55	60	57
Collagen alpha-3(VI) chain	COL6A3	Matricellular	I3LUR7	81	27	23	21	139	95	139	95	136
Decorin	DCN	Structural ECM	PGS2_PIG	12	3	0	2	16	5	16	5	17
Fibrillin 1	FBN1	Structural ECM	FBN1_PIG	18	25	23	17	86	90	86	90	88

Table represents top 20 proteins identified based on the number of unique peptide spectral matches from global LC-MS/MS for a given protein. LC-MS/MS, liquid chromatography/tandem mass spectrometry.