Supplementary Table 3: MS-based evidence for protease inhibitors identified in the microdialysates. Details of the LC-MS/MS analysis and data processing are described in **Online Methods**. The table shows the MS-based evidence for identified protease inhibitors across microdialysates (+++, >2 peptide identifications with statistical significance below 0.05; ++, 1 hit with p<0.05; + multiple hits with p>0.05).

UniProt ID	Protein Name	Cancer		Normal	
		1	2	1	2
A1AT_HUMAN	Serpin A1 (alpha-1-antitrypsin)	+++	+++	+++	+++
A2MG_HUMAN	Alpha-2-macroglobulin	+++	+++	++	+++
AACT_HUMAN	Serpin A3 (alpha-1-antichymotrypsin)	+++	+++	+++	+++
AMBP_HUMAN	Alpha-1 microglycoprotein	++	++	++	+++
ANGT_HUMAN	Serpin A8 (angiotensinogen)	++	+++	+++	+++
ANT3_HUMAN	Serpin C1 (antithrombin-III)	+++	+++	+++	+++
APOA2_HUMAN	Apolipoprotein A2	+++	+++		
CO3_HUMAN	Complement C3	+++	+++	+++	+++
CO4A_HUMAN	Complement C4-A	+++	+++	+	+++
CO4B_HUMAN	Complement C4-B	+++	+++	+	+++
CO5_HUMAN	Complement C5	+	+++		+
CYTA_HUMAN	Cystatin-A	+++		+	+++
CYTB_HUMAN	Cystatin-B				+++
CYTN_HUMAN	Cystatin-SN				+++
CYTS_HUMAN	Cystatin-S				+++
CYTT_HUMAN	Cystatin-SA				+++
FETUA_HUMAN	Alpha-2-HS-glycoprotein	++	++		
GRP78_HUMAN	78 kDa glucose-regulated protein	+	+++		+
HRG_HUMAN	Histidine-proline rich glycoprotein	+	+++	++	+++
IC1_HUMAN	Serpin G1 (plasma protease C1 inhibitor)	+++	+++	+	++
ILEU_HUMAN	Serpin B1 (leukocyte elastase inhibitor)	+++	+	++	++
ITIH1_HUMAN	Inter-alpha-trypsin inhibitor heavy chain H1	+++	+++		+++
ITIH2_HUMAN	Inter-alpha-trypsin inhibitor heavy chain H2	+	+++	+	+
ITIH4_HUMAN	Inter-alpha-trypsin inhibitor heavy chain H4	+	+++	++	++
KNG1_HUMAN	Kininogen-1	+	++		+++
PEBP1_HUMAN	Phosphatidylethanolamine-binding protein 1	++		+	++
PEDF_HUMAN	Serpin F1 (pigment epithelium-derived factor)		+	+	+++
PZP_HUMAN	Pregnancy zone protein	+	+++	+	+++