

Supplementary Table 4: Identified peptide precursor in the microdialysates.

Details of the LC-MS/MS analysis and data processing are described in **Online Methods**. The table shows the precursor proteins for the peptides that were identified across all microdialysate samples. Score is the aggregated MASCOT score of all peptides below the significance threshold of $p < 0.05$. Protein names are stated as UniProt identifiers.

Rank	UniProt	Description	# Peptides	Score
1	FIBA_HUMAN	Fibrinogen alpha chain	39	2867
2	ALBU_HUMAN	Serum albumin	12	803
3	FIBB_HUMAN	Fibrinogen beta chain	11	713
4	HBB_HUMAN	Hemoglobin subunit beta	10	628
5	H15_HUMAN	Histone H1.5	9	599
6	H12_HUMAN	Histone H1.2	9	591
7	H13_HUMAN	Histone H1.3	9	591
8	H14_HUMAN	Histone H1.4	9	591
9	STAT_HUMAN	Statherin	8	491
10	FIBG_HUMAN	Fibrinogen gamma chain	7	473
11	H11_HUMAN	Histone H1.1	7	459
12	HBA_HUMAN	Hemoglobin subunit alpha	6	356
13	HBD_HUMAN	Hemoglobin subunit delta	5	320
14	APOA1_HUMAN	Apolipoprotein A-I	4	240
15	SMR3B_HUMAN	Submaxillary gland androgen-regulated protein 3B	4	238
16	ACTA_HUMAN	Actin, aortic smooth muscle	3	197
17	ACTB_HUMAN	Actin, cytoplasmic 1	3	197
18	ACTC_HUMAN	Actin, alpha cardiac muscle 1	3	197
19	ACTG_HUMAN	Actin, cytoplasmic 2	3	197
20	ACTH_HUMAN	Actin, gamma-enteric smooth muscle	3	197
21	K2C6A_HUMAN	Keratin, type II cytoskeletal 6A	2	160
22	K2C6C_HUMAN	Keratin, type II cytoskeletal 6C	2	160
23	A1AT_HUMAN	Alpha-1-antitrypsin	2	154
24	A26CA_HUMAN	ANKRD26-like family C member 1A	2	112
25	A26CB_HUMAN	ANKRD26-like family C member 1B	2	112
26	ACTS_HUMAN	Actin, alpha skeletal muscle	2	112
27	SET1B_HUMAN	Histone-lysine N-methyltransferase SETD1B	2	104
28	K1C17_HUMAN	Keratin, type I cytoskeletal 17	1	80
29	MYG_HUMAN	Myoglobin	1	80
30	PPM1A_HUMAN	Protein phosphatase 1A	1	78
31	AACT_HUMAN	Alpha-1-antichymotrypsin	1	75
32	CYC_HUMAN	Cytochrome c	1	63
33	DOCK5_HUMAN	Dedicator of cytokinesis protein 5	1	63
34	THRB_HUMAN	Prothrombin	1	63
35	CECR6_HUMAN	Cat eye syndrome critical region protein 6	1	62
36	PO3F3_HUMAN	POU domain, class 3, transcription factor 3	1	60
37	ESPL1_HUMAN	Separin	1	59
38	MCR_HUMAN	Mineralocorticoid receptor	1	59
39	CO3_HUMAN	Complement C3	1	58
40	VTNC_HUMAN	Vitronectin	1	55
41	FETUA_HUMAN	Alpha-2-HS-glycoprotein	1	52
42	PRR11_HUMAN	Proline-rich protein	1	52
43	MAZ_HUMAN	Myc-associated zinc finger protein	1	51
44	TITIN_HUMAN	Titin	1	50
45	PRPC_HUMAN	Salivary acidic proline-rich phosphoprotein 1/2	1	46
46	CH016_HUMAN	Uncharacterized protein C8orf16	1	15
47	GSTT4_HUMAN	Glutathione S-transferase theta-4	1	15
48	TRIO_HUMAN	Triple functional domain protein	1	15

