Supplement 1:

The details of peptide sequence identification by MALDI-TOF/TOF analysis

1.1

Source: Placenta stem cells				
Peptide sequence	**Protein name**	**Mr (expt)**	**Mr (calc)**	**Position**
SWSVYVGAR	VEGF	1023.54	1023.51	162-170
EICADPK	MCP-1	774.35	774.36	73-79
AFLLVQDIMEDTMR	M-CSF	1680.86	1680.82	85-98
DNTPNAIAIVQLQELSLR	M-CSF	1994.02	1994.08	101-118
TFYETPLQLLEK	M-CSF	1480.73	1480.78	136-148
PDCNCLYPK	M-CSF	1051.42	1051.45	187-195
STCQSFEPPETPVVK	M-CSF	1647.71	1647.78	256-270
DSTIGGSPQPR	M-CSF	1113.50	1113.54	271-281
FSNISEGLSNYSIIDK	SCF	1785.81	1785.88	88-103
LVNIVDDLVECVK	SCF	1457.84	1457.78	104-116
PFMLPPVAASSLR	SCF	1384.70	1384.75	182-194
FFESHVAR	SDF-1	991.51	991.49	34-41

MVGVGGGDVEDVTPR	FGF-2	1486.67	1486.71	1-15
PGGCQISGR	FGF-2	873.40	873.41	16-24
GCNGIPGAAAWEAALPR	FGF-2	1652.85	1652.81	28-44
WILTWILPTLLYR	FGF-7	1686.93	1686.99	4-16
SYDYMEGGDIR	FGF-7	1304.50	1304.53	55-65
ESTTDQYNTNALQR	ANGP-1	1639.71	1639.74	56-69
DAPHVEPDFSSQK	ANGP-1	1455.62	1455.66	70-82
LENYIVENMK	ANGP-1	1251.59	1251.62	100-109
LTDVETQVLNQTSR	ANGP-1	1602.77	1602.82	145-158
LEIQLLENSLSTYK	ANGP-1	1649.95	1649.89	159-172
PSYVELTFSQHVR	PGF	1561.72	1561.79	115-127
QSPDMPGDFR	PGF	1148.54	1148.49	137-146
EILSILGLPHR	TGF-β	1246.71	1246.74	57-67
IPEGEAVTAAEFR	TGF-β	1388.65	1388.69	163-175
ISVYQVLQEHLGR	TGF-β	1540.79	1540.84	192-204
DVELAEEALPK	TNF-α	1212.64	1212.62	9-19
DLSLISPLAQAVR	TNF-α	1381.75	1381.79	66-78
QAASVVVAMDK	IL-1	1117.56	1117.58	63-73
SLVMSGPYELK	IL-1	1222.66	1222.63	133-143
PTLQLESVDPK	IL-1	1225.63	1225.66	194-204
YILDGISALR	IL-6	1119.61	1119.63	59-68
EALAENNLNLPK	IL-6	1324.67	1324.70	83-94
VNTADQCANR	HGF	1090.46	1090.48	64-73
QCLWFPFNSMSSGVK	HGF	1729.86	1729.80	95-109
EFGHEFDLYENK	HGF	1526.62	1526.67	111-122
GLMDHTESGK	HGF	1073.50	1073.48	221-230
ISSLPTQLFK	IGF-1	1132.67	1132.65	4-13
APQTGIVDECCFR	IGF-1	1437.68	1437.64	86-98
MSSSYPTGLADVK	AM	1354.61	1354.64	48-60
SPEDSSPDAAR	AM	1130.46	1130.48	79-89
TQMIYQQHQSWLR	PA	1717.78	1717.84	46-58
VEYCWCNSGR	PA	1215.46	1215.48	66-75
ATCYEDQGISYR	PA	1404.56	1404.60	125-136
LGLGNHNYCR	PA	1145.51	1145.54	171-180
VYTAQNPSAQALGLGK	PA	1616.81	1616.85	248-263
FPPHHLTVILGR	PA	1385.75	1385.79	363-374
CGWTGPGHSAR	PDGF	1127.52	1127.49	45-55
SIEEAVPAVCK	PDGF	1144.56	1144.58	101-111
QMQEFFGLK	MMP-1	1126.53	1126.55	66-74
WEQTHLTYR	MMP-1	1232.56	1232.59	109-117
IENYTPDLPR	MMP-1	1216.63	1216.61	118-127
AFQLWSNVTPLTFTK	MMP-1	1751.87	1751.92	137-151
VSEGQADIMISFVR	MMP-1	1550.73	1550.78	152-165

ELAVQYLNTFYGCPK	MMP-2	1744.91	1744.85	48-62
CGNPDVANYNFFPR	MMP-2	1612.76	1612.71	102-115
AFQVWSDVTPLR	MMP-2	1417.69	1417.74	147-158
IHDGEADIMINFGR	MMP-2	1586.68	1586.75	162-175
QSTLVLFPGDLR	MMP-9	1344.70	1344.74	25-36
QLAEEYLYR	MMP-9	1183.56	1183.59	66-76
EYSTCTSEGR	MMP-9	1151.75	1151.73	357-366
FTEGPPLHK	MMP-9	1131.44	1131.45	425-433
PQGPFLIADK	MMP-9	1024.55	1024.53	550-559
LDSVFEEPLSK	MMP-9	1262.67	1262.64	567-577
VIESGPHCANTEIIVK	IL-8	1708.82	1708.88	54-69

1.2

Source: Adipose stem cells				
Peptide sequence	**Protein name**	**Mr (expt)**	**Mr (calc)**	**Position**
MAEGEITTFTALTEK	FGF-1	1640.85	1640.80	1-15
LLYCSNGGHFLR	FGF-1	1378.65	1378.68	28-39
MAGPATQSPMK	G-CSF	1117.51	1117.53	1-11
IQGDGAALQEK	G-CSF	1128.60	1128.58	54-64
GPLTMMASHYK	GM-CSF	1234.54	1234.58	92-102
DFLLVIPFDCWEPVQE	GM-CSF	1949.01	1948.93	129-144
YILDGISALR	IL-6	1119.64	1119.63	59-68
EALAENNLNLPK	IL-6	1324.73	1324.70	83-94
LAAAVSNFGYDLYR	PEDF	1558.73	1558.78	54-67
ELLDTVTAPQK	PEDF	1213.62	1213.66	124-134
TSLEDFYLDEER	PEDF	1515.63	1515.67	226-237
YGLDSDLSCK	PEDF	1099.50	1099.49	253-262
GFQALGDAADIR	TIMP-1	1232.63	1232.61	71-82
EPGLCTWQSLR	TIMP-1	1288.59	1288.62	193-203
GSYPDAILQAQAADK	PAI	1546.72	1546.76	88-102
MVLVNAVYFK	PAI	1182.63	1182.65	196-205
LNIGYIEDLK	PAI	1176,62	1176.64	241-250
MAEDEVEVYIPQFK	PAI	1696.75	1696.80	300-313
MTAASMGPVR	CTGF	1019.48	1019.49	1-10
VAFVVLLALCSR	CTGF	1289.72	1289.75	11-22
PAVGQNCSGPCR	CTGF	1187.48	1187.52	23-34
GLFCHFGSPANR	CTGF	1304.64	1304.61	79-90
AGAPGPHGPVGPAGK	Collagen I	1268.63	1268.66	1-14
TGHPGTVGPAGIR	Collagen I	1218.67	1218.65	109-121
VYCDFSTGETCIR	Collagen I	1492.69	1492.63	234-246
EMATQLAFMR	Collagen I	1196.55	1196.57	290-299
GDPGEAGPQGDQGR	Collagen VI	1339.61	1339.58	22-35

HLFVQDPQTCK	VEGF	1314.61	1314.64	193-203
ILNTPNCALQIVAR	SDF-1	1524.90	1524.84	49-62
ISVYQVLQEHLGR	TGF-β	1540.90	1540.84	192-204
LAGLIGRHGPQNK	TGF-β	1359.74	1359.77	261-273
MANVAENSSSDQR	TGF-β	1407.64	1407.60	315-327
EALAENNLNLPK	TGF-β	1324.74	1324.70	83-94
DGCFQSGFNEETCLVK	TGF-β	1775.69	1775.75	99-114
PWCYTLDPHTR	HGF	1387.42	1387.46	269-279
GTVNTIWNGIPCQR	HGF	1557.71	1557.77	315-328
NYMGNLSQTR	HGF	1182.53	1182.55	398-407
HIFWEPDASK	HGF	1228.57	1228.59	425-434
SIEEAVPAVCK	PDGF	1144.60	1144.58	101-111
CTGCCNTSSVK	PDGF	1101.41	1101.43	143-153
WEHGDGYPFDGK	MMP-2	1406.55	1406.59	176-187
YGNADGEYCK	MMP-2	1118.41	1118.43	225-234
EYNSCTDTGR	MMP-2	1144.46	1144.45	243-252
IDAVYEAPQEEK	MMP-2	1390.61	1390.66	520-531
DVELAEEALPK	TNF-α	1212.59	1212.62	9-19
DLSLISPLAQAVR	TNF-α	1381.82	1381.79	66-78
APQTGIVDECCFR	IGF-1	1437.59	1437.64	86-98
DSMIWDCTCIGAGR	FN	1526.67	1526.63	117-130
CHEGGQSYK	FN	1007.42	1007.41	141-149
GNLLQCICTGNGR	FN	1347.61	1347.64	253-265
TFYSCTTEGR	FN	1163.47	1163.49	370-379
WCGTTQNYDADQK	FN	1528.59	1528.63	445-457
GEWTCIAYSQLR	FN	1425.62	1425.67	504-515
TYHVGEQWQK	FN	1274.57	1274.60	2301-2310
QAASVVVAMDK	IL-1	1117.60	1117.58	63-73
SLVMSGPYELK	IL-1	1222.59	1222.63	133-143
VIESGPHCANTEIIVK	IL-8	1708.95	1708.88	54-69