

Supplemental Table 1: All peptides with $q < 0.25$ for time-group interaction at six weeks in the linear mixed model

Protein Name	Peptide Sequence	Start Position	End Position	q-value
Secretogranin-3	FQDDPDGLHQLDGTPLTAEDIV HK	130	153	0.00641803
Soluble calcium-activated nucleotidase 1	EWTTTTGDVVNENPEWVK	231	248	0.01098118
Ceruloplasmin	DDEEFIESNK	947	956	0.01098118
Ceruloplasmin	DNEDFQESNR	248	257	0.01098118
Immunoglobulin superfamily member 8	DTQFSYAVFK	82	91	0.01098118
Mannosyl-oligosaccharide 1,2-alpha-mannosidase IC	TQQPGLEVVAEIAGHAPAR	57	75	0.01098118
Sulfatase-modifying factor 2	SVLWWLPVEK	113	122	0.01098118
Carbohydrate sulfotransferase 15	LIINSITTR	153	161	0.02701267
Myosin-Ig	AHLAELQ***R	749	756	0.02701267
Peptidyl-glycine alpha-amidating monooxygenase	ANILYAWAR	129	137	0.0356913
Cadherin EGF LAG seven-pass G-type receptor 2	LTLPEEHPC**LK	128	138	0.0356913
Cystatin-C	TQPNLDNC**PFHDQ PHLKR	101	118	0.0356913
Receptor-type tyrosine-protein phosphatase-like N	NPGGVVNVGADIKK	373	386	0.05701258
Transforming growth factor-beta-induced protein ig-h3	IPSETLNR	287	294	0.07065414
Netrin receptor DCC	NQQDLTPIPGDSR	175	187	0.07525041
Gamma-enolase	DYPVVSIEDPFDQDDWAAWSK	285	305	0.07525041
Contactin-associated protein-like 2	TNSPLQVK	483	490	0.077906
Uncharacterized protein C11orf87	TFASPNASGSGNTGAR	20	35	0.08914588
Complement component C6	NSGLTEEEAK	387	396	0.08914588
Alpha-2-HS-glycoprotein	QLKEHAVEGDC**DF QLLK	103	119	0.08914588
Phospholipase D4	YWPVLDNALR	353	362	0.08914588
Collagen alpha-1(XVIII) chain	IFSGDKDVLRL	1670	1680	0.09164882
Calsyntenin-1	VEAVDADC**SPQFSQ IC**SYEITPDVPFTVD K	184	214	0.09164882
Inositol monophosphatase 3	MFYLLK	116	121	0.09164882
Neurocan core protein	DFQWTDNTGLQFENWR	1154	1169	0.09164882
Proline-rich acidic protein 1	VVEPPEKDDQLVVLFPVQKPK	48	68	0.09164882
V-set and transmembrane domain-containing protein 2B	LQDEGVYEC**R	118	127	0.09164882
Collagen alpha-1(XVIII) chain	HPTWPQK	1681	1687	0.10123122
Ceruloplasmin	Q***YTDSTFR	785	792	0.10172237

Plexin-B2	FGAQLQC**VTGPQA TR	941	955	0.10995187
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Receptor-type tyrosine-protein phosphatase N2	YEVSPVALQR	71	80	0.10995187
Apolipoprotein D	C**PNPPVQENFDVN K	27	40	0.11000454
Carbonic anhydrase-related protein 10	VSDSSNPFLNR	187	197	0.11000454
Complement factor B	DLLYIGK	406	412	0.11000454
Pyruvate kinase isozymes M1/M2	DIQDLK	224	229	0.11000454
Mannosyl-oligosaccharide 1,2-alpha-mannosidase IC	FDNFNFR	142	148	0.11000454
Myelin-associated glycoprotein	TQVVHESFQGR	77	87	0.11000454
Neurofascin	FHFTHTIQQK	216	225	0.11000454
Nucleobindin-1	RFEELAAR	348	356	0.11000454
Transmembrane protein 132A	FLAPFAAHPLDGGR	549	562	0.11000454
Transmembrane protein 132E	LPLHIELSDAR	446	456	0.11000454
Ciliary neurotrophic factor receptor alpha	HSPQEAPHVQ***YER	24	36	0.11463652
Ceruloplasmin	VDKDNEDFQ***ESNR	245	257	0.11681634
Receptor-type tyrosine-protein phosphatase N2	RPEASSPARPSK	118	129	0.11681634
Contactin-4	LEC**FALGNPVPTIIW R	244	259	0.11859867
Neural cell adhesion molecule 1	YIFSDSSQLTIK	262	274	0.11859867
Neuronal pentraxin-1	VKIETALTSQHQR	198	210	0.11859867
Neurexophilin-1	YDTPEPYSEQDLWDWLR	75	91	0.11859867
Vitronectin	FEDGVLPDPYPR	229	240	0.11859867
CD109 antigen	AYFLGSK	444	450	0.12410967
Plasma protease C1 inhibitor	LLDSLPSDTR	276	285	0.12410967
Amyloid beta A4 protein	C**LVGEFVSDALLVP DK	116	131	0.12970056
Carboxypeptidase E	IHIMPSLNPDGFEK	150	163	0.12970056
Puromycin-sensitive aminopeptidase	LGLQNDLFLSLAR	615	626	0.13081762
Follistatin-related protein 4	SRPSLQVITEASTGQSQHILIR	566	586	0.13249434
Ceruloplasmin	ALYLQYTDETFR	69	80	0.13656091
Soluble calcium-activated nucleotidase 1	LYSVDDR	176	182	0.13668199
Cadherin-6	VLDVNDNAPEFAEFYETFVC[16 0.0307]EK	477	498	0.13719006
Complement component C9	AIEDYIN*EFSVR	496	507	0.13719006
Glutathione peroxidase 3	Q***EPGENSEILPTLK	106	119	0.13719006
Complement factor B	DNEQHVFK	446	453	0.13746099
Growth/differentiation factor 11	YPHTHLVQQANPR	352	364	0.13767588
ProSAAS	ALAHILLEAER	77	86	0.13767588
C-X-C motif chemokine 16	EC**GHAYSGIVAHQK	100	113	0.13798205
UDP-GalNAc:beta-1,3-N-acetylgalactosaminyltransferase 1	VIAAHGFSSK	304	313	0.1428896

Ceruloplasmin	TYC**SEPEKVDKDNE DFQESN*R	237	257	0.1428896
Lymphatic vessel endothelial hyaluronic acid receptor 1	ANQQLNFTEAK	47	57	0.1428896
Vitamin D-binding protein	LC**DNLSTKN*SK	284	294	0.1428896
Vitamin D-binding protein	NSKFEDC**C**Q***EK	292	302	0.1428896
Interleukin-6 receptor subunit beta	GYWSDWSEEASGITYEDRPSK	307	327	0.14388566
Soluble calcium-activated nucleotidase 1	AEWLAVKDER	213	222	0.14462427
Ceruloplasmin	EYTDASFTN*R	426	435	0.14462427
C-type lectin domain family 11 member A	HLQEALGLPAGR	49	60	0.14462427
Complement C5	DSEITFIK	1594	1601	0.14462427
Complement C5	TDAPDLPEENQAR	436	448	0.14462427
Complement component C8 beta chain	EYESYSDFER	232	241	0.14462427
Complement component C8 beta chain	LPLEYSYGEYR	323	333	0.14462427
Plasminogen	NLDENYC**R	317	324	0.14462427
Plasminogen	NPDGDVGGPWC**YT TNPR	532	548	0.14462427
Nociceptin	VFPSPLWTPC**TK	51	62	0.14462427
Sia-alpha-2,3-Gal-beta-1,4-GlcNAc- R:alpha 2,8-sialyltransferase	TLVDFFVEHR	258	267	0.14462427
Alpha-1B-glycoprotein	SGLSTGWTQLSK	94	105	0.14467774
Alpha-1-antichymotrypsin	DEELSC**TVVELK	255	266	0.14467774
Ceruloplasmin	ALYLQ***YTDETFR	69	80	0.14467774
Ceruloplasmin	EVGPTN*ADPVC**LAK	523	536	0.14467774
Complement factor B	ALFVSEEEK	629	637	0.14467774
Dihydropyridin dehydrogenase, mitochondrial	ADGGTQVIDTK	166	176	0.14467774
Glucosylceramidase	ALQLAQRPVSLASPWTSPWL K	202	224	0.14467774
Protocadherin gamma-C5	YSVVEESEPGTLVGNVAQDLGL K	32	54	0.14467774
V-type proton ATPase subunit S1	EVLGTGNDEVIGQVLSTLK	193	210	0.14467774
Coagulation factor V	EDGILGPIIR	414	423	0.14507193
Cadherin-2	TGFPEDVYSAVLSK	33	46	0.15001321
Cadherin EGF LAG seven-pass G-type receptor 2	LLGIGGHLSPQGK	115	127	0.15001321
Neuronal pentraxin receptor	IDRLEQELPAR	203	213	0.15001321
Neurexin-3-alpha	TTEPN*GLILFTHGKP QER	476	493	0.15033103
GDNF family receptor alpha-2	LSDIFR	134	139	0.15142254

Glypican-1	VAQVPLGPEC**SR	236	247	0.15142254
Phospholipid transfer protein	AGALQLLLVGDK	282	293	0.15142254
Major prion protein	KRPKPGGWNTGGSR	23	36	0.1516812
Apolipoprotein E	SWFEPLVEDMQ***R	280	291	0.152443
Corticosteroid-binding globulin	WSAGLTSSQVDLYIPK	287	302	0.152443
Ceruloplasmin	LISVDTEHSNIYLQNGPDR	42	61	0.152443
Complement factor B	LLQ***EGQ*** ALEYVC**PSGFYPYPV QTR	50	73	0.152443
Complement factor H	GKEGWIHTVC**IN*GR	782	795	0.152443
ProSAAS	ARAEAQEAEDQQAR	90	103	0.152443
Prolargin	SFPNLA FIR	263	271	0.152443
SPARC-like protein 1	KIYLDEK	558	564	0.152443
SPARC-like protein 1	VHENENIGTTEPGEHQEAK	387	407	0.152443
Tetranectin	C**RDQLPYIC**QFGIV	188	201	0.152443
Complement C1s subcomponent	LPVAPLR	586	592	0.15575877
Neuronal pentraxin receptor	LEQELPAR	206	213	0.15575877
Immunoglobulin superfamily member 8	LQGDAVVLK	104	112	0.15837129
Cadherin EGF LAG seven-pass G-type receptor 2	DAGTEL TGHLVPHHDGLR	73	90	0.16090267
Complement C5	IDTALIK	1163	1169	0.16090267
Complement C5	IIHFGTR	508	514	0.16090267
Extracellular matrix protein 2	VSFYGAYHSLR	600	610	0.16090267
Folate receptor beta	GWDWTSGV NK	152	161	0.16090267
Follistatin-related protein 4	GPDVGVGESQAE EPR	30	44	0.16090267
Follistatin-related protein 5	YEDTGAYTC**IAK	404	415	0.16090267
Latent-transforming growth factor beta-binding protein 2	GHAPC**SSVLGR	1418	1428	0.16090267
Transcobalamin-2	SNFNPGR	208	214	0.16090267
Ectonucleotide pyrophosphatase/phosphodiesterase family member 4	LLLVSFDGFR	27	36	0.16278805
Metalloproteinase inhibitor 2	DIEFIYTAPSSAVC**G VSLDVGGK	84	106	0.16608547
Apolipoprotein B-100	FIIPGLK	3729	3735	0.16932981
Lactotransferrin	VPSHAVVAR	268	276	0.16932981
Plasminogen	KVYLSEC**K	96	103	0.16954261
Cadherin-5	ELDSTGTPTGK	448	458	0.17153573
Complement C3	KQELSEAEQATR	427	438	0.17153573
Plasminogen	FSPATHPSEGLEEN*Y C**R	136	152	0.17153573
Plexin domain-containing protein 2	HRQDWVDSGC**PEE SKEK	361	377	0.17153573
Transmembrane protein 132A	VDFWWR	474	479	0.17153573

Scavenger receptor cysteine-rich type 1 protein M130	TSYQVYSK	421	428	0.17341032
Carbonic anhydrase 4	VVWTVFREPIQLHR	232	245	0.17341032
Complement C5	GNPPIYR	1219	1225	0.17341032
Complement component C6	KALQEYAAK	508	516	0.17341032
Beta-2-glycoprotein 1	KATVVYQ***GER	269	278	0.17862924
Neural cell adhesion molecule L1	YGPGEPSVSETVVTPEAAPEKN PVDVK	694	721	0.17992651
Ceruloplasmin	EYTDASFTNR	426	435	0.18488971
Ceruloplasmin	IYHSHIDAPK	177	186	0.1856514
Golgi membrane protein 1	IQSSHNFQLESVNK	83	96	0.1856514
Amyloid-like protein 2	MALENYLAALQSDPPRPHR	469	487	0.18612657
Vitamin D-binding protein	YTFELSR	345	351	0.18612657
Alpha-1B-glycoprotein	HQFLLTGDTQ***GR	78	89	0.18982711
N(4)-(beta-N-acetylglucosaminy)-L-asparaginase	NVIPDPSK	169	176	0.18982711
Neuronal pentraxin-1	DNRPGDKFQLTFPLR	220	234	0.18982711
Retinoic acid receptor responder protein 2	RGLQVALEEFHK	27	38	0.18982711
Vitamin D-binding protein	FEDC**C**Q ***EK	295	302	0.18982711
Zinc-alpha-2-glycoprotein	WEAEPVYVQ***R	167	176	0.18982711
ProSAAS	ILAGSADSEGVAAPR	201	215	0.19004363
Calsyntenin-1	YRPAEFHWK	439	448	0.19036598
Growth arrest-specific protein 6	SPVLTFFAGGLPDVPVTSAPVTAF YR	659	683	0.19036598
GDNF family receptor alpha-2	EC**QAALEVLQESPLY DC**R	76	93	0.19036598
Kininogen-1	FSVATQTC**QITPAE GPVVTAQYDC**LGC**VHPIS TQSPDLEPILR	118	160	0.19036598
Protein FAM69C	LHLC**DIKPENFAIR	274	287	0.19194439
Hemopexin	GGYTLVSGYPK	332	342	0.1923726
Angiotensin-converting enzyme	YNFDWWYLR	487	495	0.19646668
Peptidyl-glycine alpha-amidating monooxygenase	VVNSDISC**HYK	214	224	0.19646668
Attractin	SEAAC**LAAGPGIR	652	664	0.19646668
Attractin	YQGNPLR	1145	1151	0.19646668
Transforming growth factor-beta-induced protein ig-h3	DGTPPIDAHTR	421	431	0.19646668
Complement factor B	DAQYAPGYDK	658	667	0.19646668
Carbohydrate sulfotransferase 10	GIQFEDFVR	233	241	0.19646668
Complement C2	ELNELGSK	421	428	0.19646668
Complement C4-B	SC**GLHQ*** LLR	95	103	0.19646668
Complement C5	ENSQYQPIK	1119	1127	0.19646668

Complement component C6	ALQEYAAK	509	516	0.19646668
Collagen alpha-1(XX) chain	TPAGPQ***FR	163	170	0.19646668
Macrophage colony-stimulating factor 1	DNTPNAIAIVLQELSLR	100	117	0.19646668
Ephrin type-A receptor 10	IDTIAADESFTQGDLGER	151	168	0.19646668
Ephrin type-B receptor 6	LFSYTC**PAVLR	226	236	0.19646668
Endoplasmic reticulum aminopeptidase 1	GFPLITITVR	528	537	0.19646668
Follistatin-related protein 4	DLDADGN*GHLSSSE LAQHVLK	184	204	0.19646668
Beta-hexosaminidase subunit alpha	IQPDTIIQVWR	382	392	0.19646668
Serine protease HTRA1	LHRPPVIVLQR	141	151	0.19646668
Ig kappa chain V-III region SIE	LLIYGASSR	66	74	0.19646668
Laminin subunit gamma-1	LNEIEGTLNK	1534	1543	0.19646668
Prolow-density lipoprotein receptor-related protein 1	ITWPN*GLTLDYVTE R	3187	3201	0.19646668
Nucleobindin-1	FEEELAAR	349	356	0.19646668
Phosphoinositide-3-kinase-interacting protein 1	EDQ***TSPAPGLR	34	44	0.19646668
Protocadherin-7	YELLQEPGGGGSGGESR	179	195	0.19646668
ProSAAS	VLAQLLR	104	110	0.19646668
Xaa-Pro dipeptidase	FEVNNILHPEIVEC** R	168	183	0.19646668
Phospholipase D4	FWVVDGR	216	222	0.19646668
Plasminogen	KSSIIIR	80	86	0.19646668
Phospholipid transfer protein	IYSNHSALSLALIPLQAPLK	394	414	0.19646668
Reelin	RITYPLPESLVGNPVR	2817	2832	0.19646668
Splicing factor 3 subunit 1	LQYEGIFIK	756	764	0.19646668
Spondin-1	IRPLTSLDHPQSPFYDPEGGSITQ VAR	375	401	0.19646668
V-type proton ATPase subunit S1	LGASPLHVDLATLR	151	164	0.19646668
Zinc-alpha-2-glycoprotein	AYLEEEC**PATLR	179	190	0.19646668
Cadherin-6	TPESPPTPIGR	276	288	0.19742153
Gelsolin	QGQIIYNWQGAQSTQDEVAAS AILTAQLDEELGGTPVQSR	485	524	0.19742153
Alpha-1,3-mannosyl-glycoprotein 2-beta-N-acetylglucosaminyltransferase	WALGQVFR	190	197	0.19742153
RGM domain family member B	IDDGQGQVSAILGHSLPR	321	338	0.19742153
Secretogranin-3	NIEWLKK	414	420	0.19742153
SPARC-like protein 1	TGLEAISN*HK	299	308	0.19742153
Transcobalamin-2	DPNTPLLQGIADYRPK	399	414	0.19742153
Complement C4-B	EYMPSSIFQDDFVIPDISEPGT WK	189	213	0.19918161
Haptoglobin	AVGDKLPEC**EAVC**GKPK	136	152	0.19968509
Thy-1 membrane glycoprotein	HENTSSPIQYEFSLTR	39	55	0.20065579

Complement component C6	SENINHNSAFK	288	299	0.20171978
S-formylglutathione hydrolase	KIPVVFR	246	252	0.20303108
EGF-containing fibulin-like extracellular matrix protein 1	ELPQ***SIVYK	387	395	0.20548859
Zinc-alpha-2-glycoprotein	YSLTYIYTGLSK	27	38	0.20945321
Insulin-like growth factor-binding protein 6	DDEAPLR	88	94	0.2094579
Follistatin-related protein 4	SHDQVWVLSWGDVHK	551	565	0.21028469
Plasminogen	RAPWC**HTTNSQVR	330	342	0.21149568
Complement C2	GESGGAVFLER	656	686	0.21238433
Leucine-rich alpha-2-glycoprotein	GQ***TLLAVAK	336	344	0.21254707
Antithrombin-III	DDLIVSDAFHK	391	401	0.21254707
Complement C5	DINYVNPVIK	1262	1271	0.21254707
Complement C5	LQGTLPVEAR	1128	1137	0.21254707
Neurexin-3-alpha	SGGLILYWPANDRPSTR	1096	1113	0.21254707
Repulsive guidance molecule A	VQGAWPLIDNNYLNVQVTNTP VLPGSAATATSK	182	214	0.21254707
Neurosecretory protein VGF	LLQQGLAQVEAGR	295	307	0.21254707
Apolipoprotein A-II	VKSPQLQAEAK	51	61	0.21298235
Leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein 1	LQEIQLVGGQLAVVEPYAFR	312	331	0.21298235
Pigment epithelium-derived factor	VLTGN*PR	167	173	0.21298235
Complement C1q tumor necrosis factor-related protein 3	SDTSSN*HAVLK	200	210	0.21790236
Insulin-like growth factor-binding protein 7	HEVTGWVLSPLSK	226	239	0.21790236
Brevican core protein	FN*VYC**F R	347	353	0.21790236
Complement factor B	YGLVTYATYPK	308	318	0.22183448
Complement component C8 beta chain	IPGIFELGISSQSDR	259	273	0.22183448
Vitamin D-binding protein	LC**DN*LS TK	284	291	0.22183448
Coagulation factor V	EVIIITGIQTQGAK	1969	1981	0.22421282
Amyloid-like protein 2	VGGLEEEERESVGPLR	670	684	0.22537297
Complement C1r subcomponent-like protein	EFVSSGR	126	132	0.22537297
Cathepsin D	QPGITFIAAK	184	193	0.22537297
Complement factor I	IVIEYVDR	406	413	0.22537297
Complement C5	VSITSITVENVFVK	1562	1575	0.22537297
Complement component C6	SEYGAAALAWEK	448	458	0.22537297
Calsyntenin-3	KDESWQGTVTDR	683	695	0.22537297
Fibrinogen gamma chain	LDGSVDFK	223	230	0.22537297
Neurexin-2-alpha	VLALAAESDPNVR	1319	1331	0.22537297

Nucleobindin-1	ELDFVSHHVR	87	96	0.22537297
Neurosecretory protein VGF	THLGEALAPLSK	255	266	0.22537297
Cell adhesion molecule 4	QTQYVLDVQYSPTAR	212	226	0.22609451
Ceruloplasmin	VDKDNEDFQESNR	245	257	0.22609451
Complement C5	YN*FSFR	1628	1633	0.22609451
Extracellular matrix protein 2	NILPEEIC**NAEEDDD SNLEHLHLENNYIK	644	672	0.22609451
Receptor-type tyrosine-protein phosphatase S	FSVLPPTFHPGDQK	1212	1225	0.22609451
Proactivator polypeptide	LPALT VHVTQPK	392	403	0.22609451
SH2B adapter protein 1	GILQWR	167	172	0.22609451
Sushi, nidogen and EGF-like domain-containing protein 1	FSELVDGR	1245	1252	0.22609451
Vitamin D-binding protein	ELPEHTVK	276	283	0.22609451
Dystroglycan	LGC**SLNQNSVVDIH GVEAPAR	261	281	0.22652487
Heparan-sulfate 6-O-sulfotransferase 3	NTILLQSAK	333	341	0.23243339
Angiotensinogen	VLSALQAVQ***GLLVA Q***GR	179	195	0.23460847
Antithrombin-III	AFLEVNEEGSEAASTAVVIAGR	402	424	0.23460847
Cathepsin B	TDQYWEKI	331	338	0.23460847
Corticosteroid-binding globulin	ITQDAQLK	333	340	0.23460847
Ceruloplasmin	DLYSGLIGPLIVC**R	887	900	0.23460847
Cell growth regulator with EF hand domain protein 1	TEVQLEHLR	60	69	0.23460847
Coagulation factor V	SWWGDYWEFPR	2089	2099	0.23460847
Neuronal cell adhesion molecule	NEVHLEIK	535	542	0.23460847
Receptor-type tyrosine-protein phosphatase delta	LQGLKPNLSYYFR	571	583	0.23460847
Transmembrane protein 132C	FSSLPPYLPVSYHILR	41	56	0.23460847
Vitamin D-binding protein	HQPQEFPTYVEPTN* DEIC**EAFR	127	148	0.23460847
Transcobalamin-2	EFWQLLR	392	398	0.23473812
Cadherin-8	ITLATPLDR	447	455	0.2364537
Ceruloplasmin	KAEEEHLGILGPQLHADVGDK	798	818	0.2364537
Complement factor B	ALFVSEEEKK	629	638	0.2364537
Collagen alpha-3(VI) chain	LLPSFVSSENAFYLSPIR	2814	2832	0.2364537
Plasma kallikrein	DAC**KGDSGGPLVC**K	571	584	0.2364537
Neural cell adhesion molecule 2	VELSVGESK	29	37	0.2364537
ProSAAS	NSDPALGLDDDPDAPAAQ***L AR	117	137	0.2364537
Complement factor B	YGQ***TIRPIC**LPC**TEGTT R	587	604	0.23665888
Dipeptidyl-peptidase 1	NWAC**FTGK	132	139	0.23914658

Neuroserpin	QEVPLATLEPLVK	259	271	0.23972128
Complement C5	YVLSPYK	346	352	0.24010153
Neurexin-2-alpha	LQGDLSFR	477	484	0.24170241
Cathepsin S	GIDSDASYPYK	196	206	0.24513083
Complement factor I	HGNTDSEGIVEVK	117	129	0.24513083
Fibronectin	SYTITGLQ***PGTDYK	1866	1879	0.24513083
Serine protease HTRA1	LPVLLGR	261	268	0.24513083
Peptidase inhibitor 16	IGC**GSHFC**EK	139	148	0.2451381
Shadow of prion protein	VAAAGAAAGAAAGAAAGLAAG SGWR	65	89	0.2451381
Vitamin D-binding protein	VC**SQ***YA AYGEK	218	228	0.2451381
Collagen alpha-1(XVIII) chain	SVWHGSDPN*GR	1688	1698	0.2459515
Fatty acid-binding protein, adipocyte	EVGVGFATR	22	30	0.2459515
Contactin-6	ASGKPNPWYTWLK	340	352	0.24733173
Lumican	SLEDLQ***LTHNK	137	147	0.24836593
Tumor necrosis factor receptor superfamily member 19L	DTLC**GDC**WPGWFGPWG VPR	86	104	0.24841887

Supplemental Table 1: A list of the 283 peptides with with $q < 0.25$ in the linear mixed model

along with their parent proteins, sequences, positions, and q-values. Post-translational

modifications: *Deamidation **Carbamidomethylation ***Oxidation