Table S8. Human QTOF, trypsin, InsPecT

Column Descriptions

ProteinName	Name of the protein to which the peptide sequence belongs
Protein IPI Id	IPI Id of the protein
Peptide	Peptide sequence identified by mass spectrometry. 4 flanking amino acids on either side of the peptide in the protein are shown (separated by dots)
Spectra	Number of spectra from which the peptide was identified
Position	Position in the protein where the peptide starts

Protein Name	Protein IPI Id	Peptide	Spectra	Position
Proenkephalin A	IPI00000828.3	LAKR.YGGFM.KRYG	8	99
Proenkephalin A	IPI00000828.3	LAKR.YGGFMK.RYGG	6	99
Proenkephalin A	IPI00000828.3	AKRY.GGFMK.RYGG	1	100
Proenkephalin A	IPI00000828.3	GFMK.KMDELYPMEPEEEANGSEILAK.RYGG	5	112
Proenkephalin A	IPI00000828.3	GFMK.KMDELYPMEPEEEANGSEIL.AKRY	2	112
Proenkephalin A	IPI00000828.3	FMKK.MDELYPMEPEEEANGSEILAKR.YGGF	1	113
Proenkephalin A	IPI00000828.3	FMKK.MDELYPMEPEEEANGSEIL.AKRY	1	113
Proenkephalin A	IPI00000828.3	KMDE.LYPMEPEEEANGSEIL.AKRY	2	116
Proenkephalin A	IPI00000828.3	EEDD.SLANSSDLLK.ELLE	3	148
Proenkephalin A	IPI00000828.3	EEDD.SLANSSDLLKELLETGDNR.ERSH	2	148
Proenkephalin A	IPI00000828.3	EEDD.SLANSSDLLKELLETGDNRER.SHHQ	2	148
Proenkephalin A	IPI00000828.3	VSKR.YGGFMR.GLKR	6	185
Proenkephalin A	IPI00000828.3	GLKR.SPQLEDEAKELQ.KRYG	7	195
Proenkephalin A	IPI00000828.3	KRSP.QLEDEAKELQ.KRYG	3	197
Proenkephalin A	IPI00000828.3	RSPQ.LEDEAKELQ.KRYG	3	198
Proenkephalin A	IPI00000828.3	FMRR.VGRPEWWMDYQ.KRYG	2	216
Proenkephalin A	IPI00000828.3	FMRR.VGRPEWWMD.YQKR	1	216
Proenkephalin A	IPI00000828.3	MRRV.GRPEWWMDYQ.KRYG	2	217
Proenkephalin A	IPI00000828.3	RVGR.PEWWMD.YQKR	1	219
Proenkephalin A	IPI00000828.3	RVGR.PEWWMDYQ.KRYG	1	219
Proenkephalin A	IPI00000828.3	YQKR.YGGFL.KRFA	3	229
Proenkephalin A	IPI00000828.3	RFAE.ALPSDEEGESYSK.EVPE	1	239
Proenkephalin A	IPI00000828.3	RFAE.ALPSDEEGESYSKEVPEME.KRYG	3	239
Neuropeptide Y	IPI00001506.1	GALA.EAYPSKPDNPGEDAPAEDMAR.YYSA	1	26
Neuropeptide Y	IPI00001506.1	LAEA.YPSKPDNPGEDAPAEDMAR.YYSA	2	28
Neuropeptide Y	IPI00001506.1	EAYP.SKPDNPGEDAPAEDMAR.YYSA	5	30
Neuropeptide Y	IPI00001506.1	KPDN.PGEDAPAEDMAR.YYSA	2	35
Neuropeptide Y	IPI00001506.1	DMAR.YYSALR.HYIN	6	47
Neuropeptide Y	IPI00001506.1	SALR.HYINLITR.QRYG	5	53
Neuropeptide Y	IPI00001506.1	YGKR.SSPETLISDLLMR.ESTE	19	67
Neuropeptide Y	IPI00001506.1	YGKR.SSPETLISDLLMRESTENVPR.TRLE	1	67
Neuropeptide Y	IPI00001506.1	SPET.LISDLLMR.ESTE	2	72
Neuropeptide Y	IPI00001506.1	ISDL.LMRESTENVPR.TRLE	1	77
Neuropeptide Y	IPI00001506.1	LLMR.ESTENVPR.TRLE	1	80
Neuropeptide Y	IPI00001506.1	NVPR.TRLEDPAM.W---	4	88
Neuropeptide Y	IPI00001506.1	NVPR.TRLEDPAMW.----	3	88
ProSAAS	IPI00002280.1	RAAD.HDVGSELPPEGVLGALL.RVKR	4	223
ProSAAS	IPI00002280.1	RVKR.LETPAPQVPAR.RLLP	2	244
ProSAAS	IPI00002280.1	RVKR.LETPAPQVPARR.LLPP	1	244
ProSAAS	IPI00002280.1	KRLE.TPAPQVPARR.LLPP	1	246
ProSAAS	IPI00002280.1	KRLE.TPAPQVPAR.RLLP	6	246
Secretogranin-1	IPI00006601.5	RPDR.SSQGGSLPSEEKGHPQEESEESNVSMASLGE.KRDH	1	292
Secretogranin-1	IPI00006601.5	GEPR.AYFMSDTR.EEKR	2	427
Secretogranin-1	IPI00006601.5	GEPR.AYFMSDTREE.KRFL	6	427
Secretogranin-1	IPI00006601.5	GEPR.AYFMSDTRE.EKRF	1	427
Secretogranin-1	IPI00006601.5	PRAY.FMSDTREE.KRFL	1	429
Secretogranin-1	IPI00006601.5	EEKR.FLGEGHHR.VQEN	1	439
Secretogranin-1	IPI00006601.5	EEKR.FLGEGHHRVQENQMDKA.RRHP	2	439
Secretogranin-1	IPI00006601.5	EEAR.FQDKQYSSHHTAE.KRKR	2	500
Secretogranin-1	IPI00006601.5	KRKR.LGELFN.PYYD	3	517
Secretogranin-1	IPI00006601.5	KRKR.LGELFNPYYDPLQWK.SSHF	17	517
Secretogranin-1	IPI00006601.5	KRKR.LGELFNPYYDPLQWKSSHFE.RRDN	5	517
Secretogranin-1	IPI00006601.5	KRKR.LGELFNPYYDPLQWKSSH.FERR	3	517
Secretogranin-1	IPI00006601.5	KRLG.ELFNPYYDPLQWK.SSHF	5	519
Secretogranin-1	IPI00006601.5	KRLG.ELFNPYYDPLQWKSSH.FERR	2	519
Secretogranin-1	IPI00006601.5	RLGE.LFNPYYDPLQWK.SSHF	11	520
Secretogranin-1	IPI00006601.5	RLGE.LFNPYYDPLQWKSSHFE.RRDN	2	520
Secretogranin-1	IPI00006601.5	RLGE.LFNPYYDPLQWKSSH.FERR	3	520
Secretogranin-1	IPI00006601.5	LGEL.FNPYYDPLQWKSSH.FERR	3	521
Secretogranin-1	IPI00006601.5	LGEL.FNPYYDPLQWK.SSHF	13	521
Secretogranin-1	IPI00006601.5	LGEL.FNPYYDPLQWKSSHFE.RRDN	5	521
Secretogranin-1	IPI00006601.5	ELFN.PYYDPLQWK.SSHF	2	523

Secretogranin-1	IPI00006601.5	FNPY.YDPLQWKSSHFE.RRDN	1	525
Secretogranin-1	IPI00006601.5	FNPY.YDPLQWK.SSHF	3	525
Secretogranin-1	IPI00006601.5	WEKK.PFSEDVNWGYE.KRNL	2	574
Secretogranin-1	IPI00006601.5	YEKR.NLARVPK.LDLK	3	587
Secretogranin-1	IPI00006601.5	YEKR.NLARVPKL.DLKR	1	587
Secretogranin-1	IPI00006601.5	YEKR.NLARVPKLDL.KRQY	14	587
Secretogranin-1	IPI00006601.5	YEKR.NLARVP.KLDL	8	587
Secretogranin-1	IPI00006601.5	YEKR.NLARVPKLDLK.RQYD	1	587
Secretogranin-1	IPI00006601.5	YEKR.NLARVPKLD.LKRQ	15	587
Secretogranin-1	IPI00006601.5	EKRN.LARVPKLD.LKRQ	1	588
Secretogranin-1	IPI00006601.5	EKRN.LARVPK.LDLK	1	588
Secretogranin-1	IPI00006601.5	KRNL.ARVPKLDL.KRQY	6	589
Secretogranin-1	IPI00006601.5	DLKR.QYDRVAQLDQLL.HYRK	9	599
Secretogranin-1	IPI00006601.5	DLKR.QYDRVAQLDQLLHY.RKKS	15	599
Secretogranin-1	IPI00006601.5	DLKR.QYDRVAQLDQLLHYR.KKSA	6	599
Secretogranin-1	IPI00006601.5	DLKR.QYDRVAQLDQLLH.YRKK	19	599
Secretogranin-1	IPI00006601.5	DLKR.QYDRVAQLDQL.LHYR	1	599
Secretogranin-1	IPI00006601.5	DLKR.QYDRVAQLDQ.LLHY	7	599
Secretogranin-1	IPI00006601.5	LKRQ.YDRVAQLDQLLHY.RKKS	1	600
Secretogranin-1	IPI00006601.5	LKRQ.YDRVAQLDQLL.HYRK	1	600
Secretogranin-1	IPI00006601.5	KRQY.DRVAQLDQLLHY.RKKS	4	601
Secretogranin-1	IPI00006601.5	KRQY.DRVAQLDQLLH.YRKK	3	601
Secretogranin-1	IPI00006601.5	KRQY.DRVAQLDQLL.HYRK	5	601
Secretogranin-1	IPI00006601.5	QYDR.VAQLDQLLHYR.KKSA	1	603
Secretogranin-1	IPI00006601.5	QYDR.VAQLDQLLH.YRKK	6	603
Secretogranin-1	IPI00006601.5	QYDR.VAQLDQLLHY.RKKS	5	603
Secretogranin-1	IPI00006601.5	QYDR.VAQLDQLL.HYRK	8	603
Secretogranin-1	IPI00006601.5	RVAQ.LDQLLHY.RKKS	5	606
Secretogranin-1	IPI00006601.5	DEKK.ELENLAAMDLELQK.IAEK	1	654
Secretogranin-1	IPI00006601.5	DEKK.ELENLAAMDLELQKIAEKFSQ.RG--	2	654
Secretogranin-2	IPI00009362.2	EIVE.EQYTPQSLATLESVFQELGKLTGPNNQ.KRER	1	187
Secretogranin-2	IPI00009362.2	ATLE.SVFQELGKLTGPNNQ.KRER	1	199
Secretogranin-2	IPI00009362.2	DDED.DIYKANNIAYEDVVGGEDWNPVEEK.IESQ	4	231
Secretogranin-2	IPI00009362.2	KTGE.KPNGSV.EPER	1	373
Chromogranin-A	IPI00290315.3	QQKK.HSGFEDELSEVLENQSSQAELK.EAVE	6	96
Chromogranin-A	IPI00290315.3	ELSE.VLENQSSQAELKEAVEEPSSKDVME.KRED	3	106
Chromogranin-A	IPI00290315.3	SEVL.ENQSSQAELKEAVEEPSSKDVME.KRED	1	108
Chromogranin-A	IPI00290315.3	AELK.EAVEEPSSKDVM.EKRE	3	118
Chromogranin-A	IPI00290315.3	AELK.EAVEEPSSKDVME.KRED	2	118
Chromogranin-A	IPI00290315.3	RGGK.SGELEQEEERLSKEWEDS.KRWS	1	321
Chromogranin-A	IPI00290315.3	DSKR.WSKMDQLAKELTAE.KRLE	11	341
Chromogranin-A	IPI00290315.3	DSKR.WSKMDQLAKELTA.EKRL	2	341
Chromogranin-A	IPI00290315.3	DSKR.WSKMDQLAKELT.AEKR	1	341
Chromogranin-A	IPI00290315.3	DSKR.WSKMDQLAK.ELTA	7	341
Chromogranin-A	IPI00290315.3	RWSK.MDQLAKELTAE.KRLE	2	344
Chromogranin-A	IPI00290315.3	AEKR.LEGQEEEEDNRDSSM.KLSF	2	357
Chromogranin-A	IPI00290315.3	AEKR.LEGQEEEEDNRDSSMK.LSFR	4	357
Chromogranin-A	IPI00290315.3	AEKR.LEGQEEEEDNRDSSMKLSF.RARA	1	357
Chromogranin-A	IPI00290315.3	LSFR.ARAYGFRGPGPQ.LRRG	2	377
Chromogranin-A	IPI00290315.3	FRAR.AYGFRGPGP.QLRR	4	379
Chromogranin-A	IPI00290315.3	FRAR.AYGFRGPGPQ.LRRG	6	379
Chromogranin-A	IPI00290315.3	FRAR.AYGFRGPGPQL.RRGW	7	379
Chromogranin-A	IPI00290315.3	RAYG.FRGPGPQLR.RGWR	1	382
Chromogranin-A	IPI00290315.3	YGFR.GPGPQL.RRGW	2	384