

Report for PEP Section in mzTab File example_5

The PEP section of the **mzTab** file contains 26,794 quantified peptide features measured in 54 samples.

	number of peptides
quantified	26,794
identified (total)	26,794
identified (unique modified)	21,658
identified (unique stripped)	19,580

Table 1: Total number of quantified and identified peptides.

mod	specificity	number
Oxidation	M	4942
Methylthio	C	4473
Dioxidation	M	112
Label:13C(6)15N(2)	K	26
Label:13C(6)15N(4)	R	17

Table 2: Statistics of modifications.



Figure 1: Frequency plot of peptide quantifications.

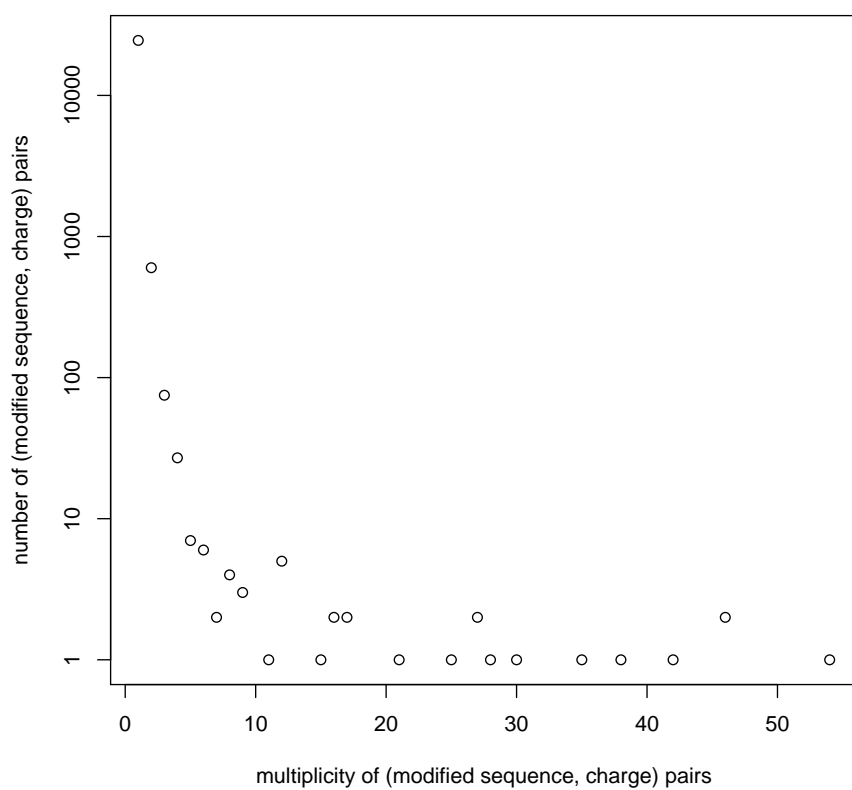
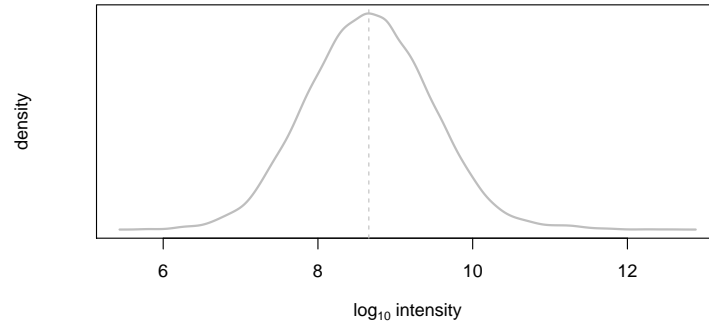
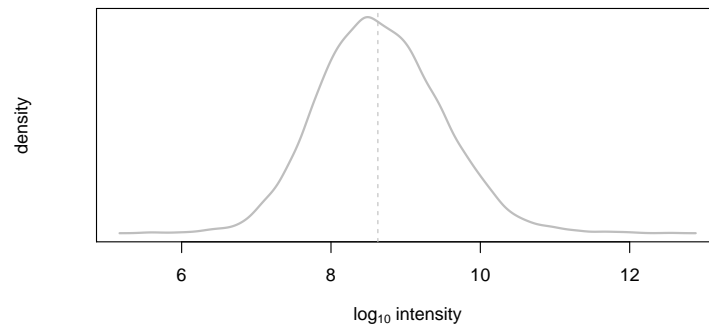


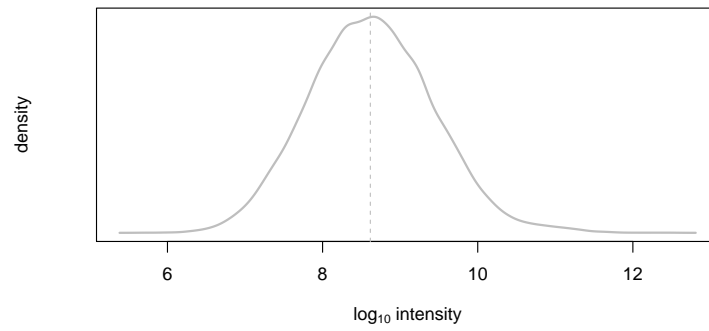
Figure 2: (modified sequence, charge) pair multiplicity vs frequency plot. Each peptide feature (characterised by a (possibly) modified peptide sequence and a charge state) should ideally occur only once in the analysis. In other words, peptides of multiplicity 1 should have a very high frequency. The plot below should show a significant spike on the left and can be used as QC of the analysis.



(a) peptide abundances 1, $\text{median}(\text{intensity}) = 455,025,504$



(b) peptide abundances 2, $\text{median}(\text{intensity}) = 424,578,000$



(c) peptide abundances 3, $\text{median}(\text{intensity}) = 412,578,512$

Figure 3: peptide abundance distributions.

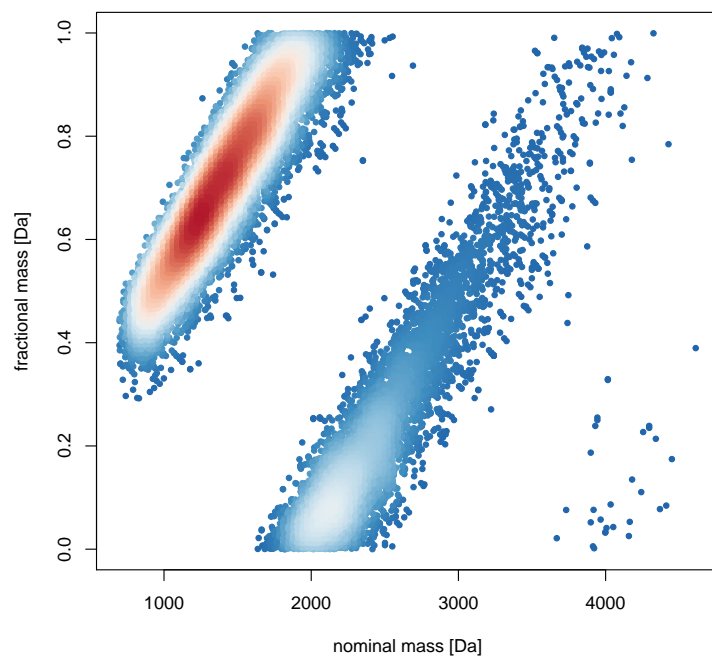


Figure 4: Kendrick nominal fractional mass plot

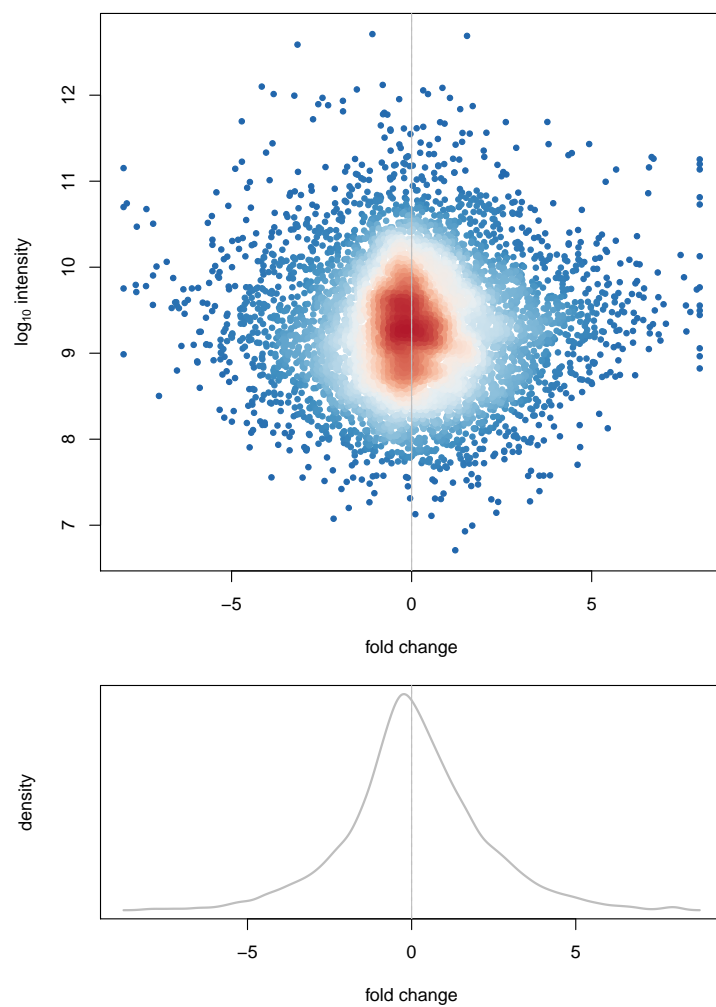


Figure 5: Fold changes of peptide abundances 1 and 2.
 $\text{median}(\text{fc}) = -0.0026$ $\text{sd}(\text{fc}) = 2.0776$

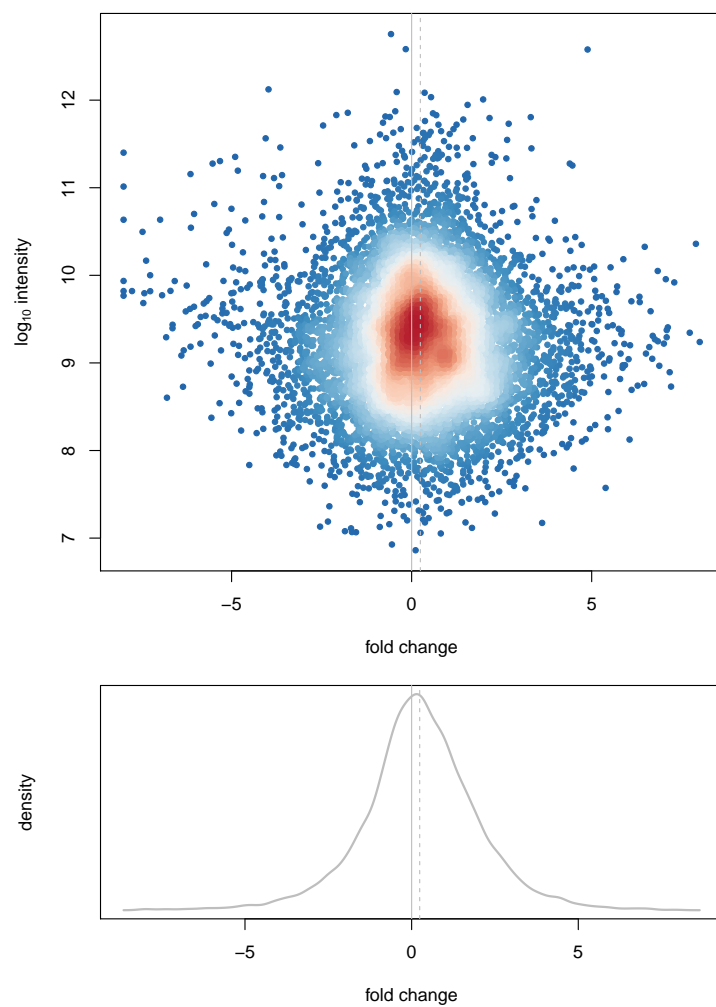


Figure 6: Fold changes of peptide abundances 1 and 3.
 $\text{median}(\text{fc}) = 0.2421$ $\text{sd}(\text{fc}) = 1.7661$

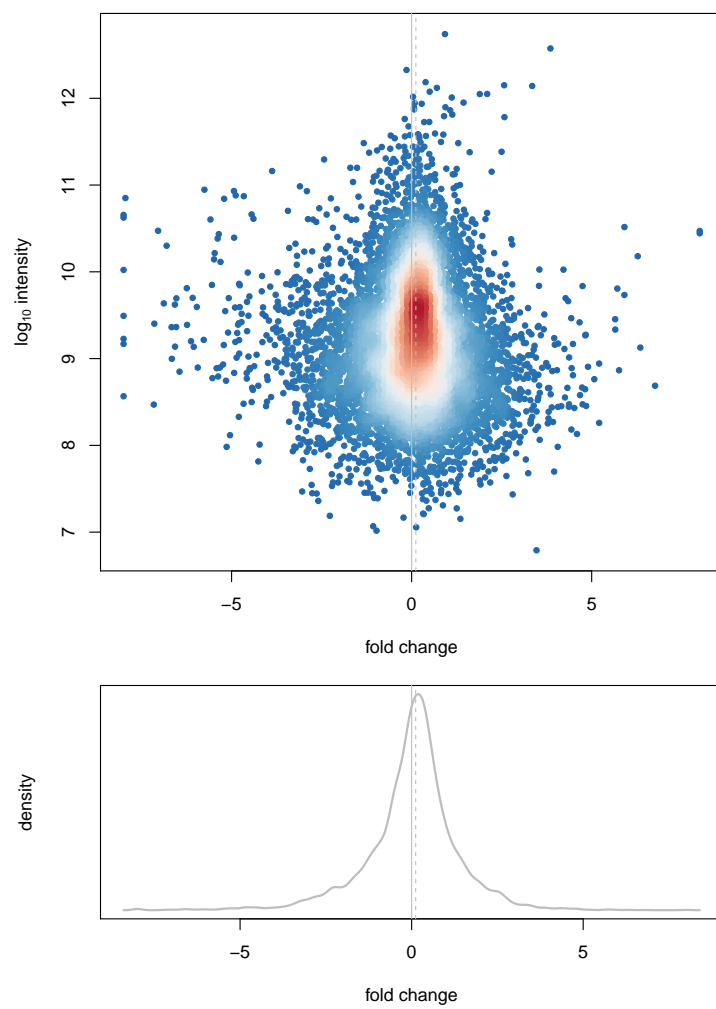


Figure 7: Fold changes of peptide abundances 2 and 3.
 $\text{median}(\text{fc}) = 0.1175$ $\text{sd}(\text{fc}) = 1.3543$

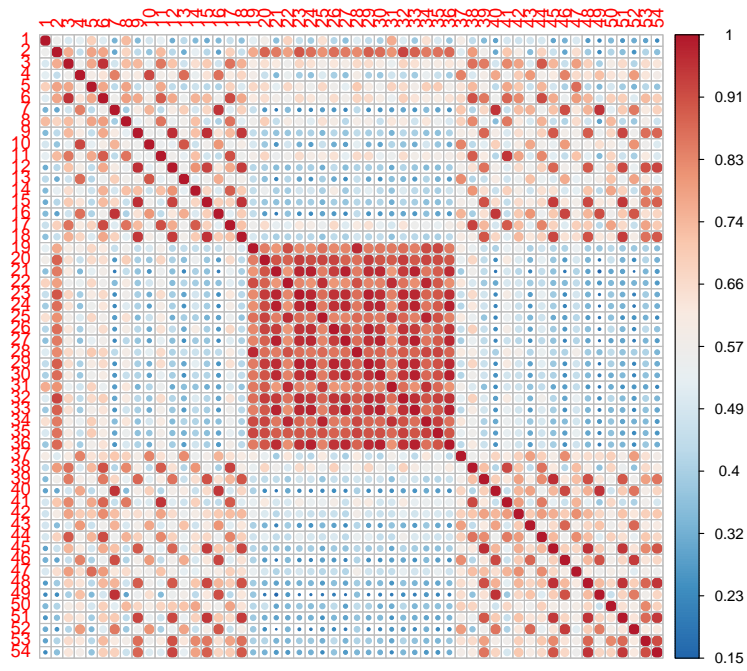


Figure 8: Pearson correlation of all peptide abundances. (min correlation = 0.1484, median correlation = 0.5701, max correlation = 1)

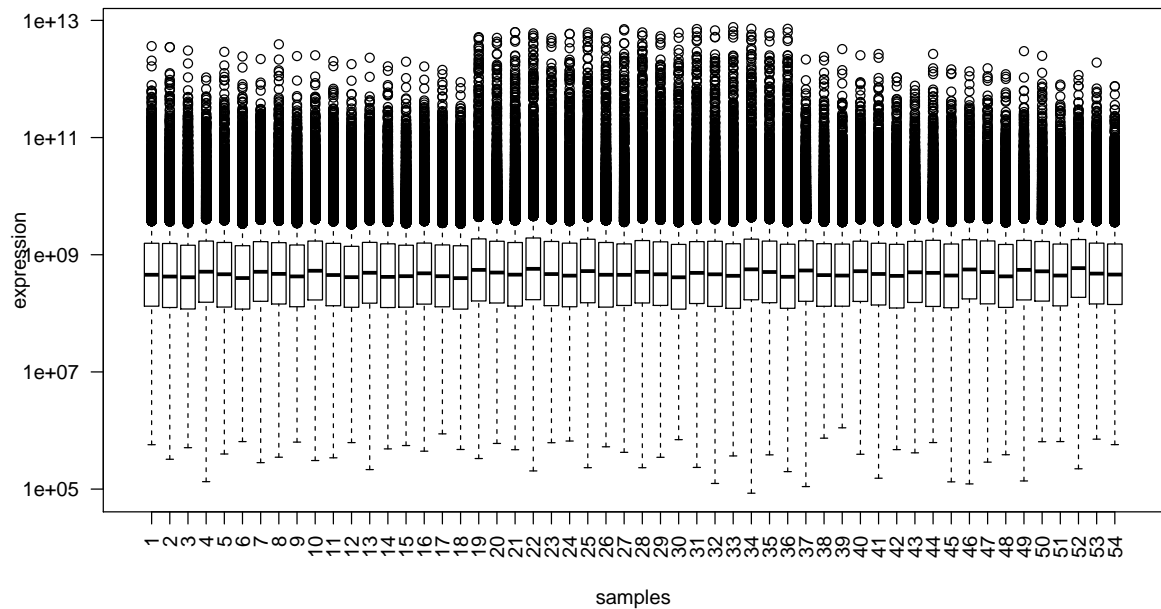


Figure 9: Boxplot of all peptide abundances.

modified sequence	accession	charge	retention time	m/z
LSLM(Oxidation)YAR	P78527	2	3727.04	435.23
LSLMYAR	P78527	2	4790.39	427.23
EQC(Methylthio)C(Methylth...	P62633	4	4025.06	454.93
EQC(Methylthio)C(Methylth...	P62633	3	4045.75	606.23
M(Oxidation)VQEAEKYKAEDEK...	P11142	4	1316.10	500.25
M(Oxidation)VQEAEKYKAEDEK...	P11142	3	1320.29	666.66
MVQEAEKYKAEDEKQR	P11142	3	1585.13	661.33
M(Oxidation)VQEAEKYKAEDEK...	P11142	2	1324.47	999.48
MVQEAEKYKAEDEKQR	P11142	4	1577.81	496.25
TVPFC(Methylthio)STFAAFFT...	P29401	2	12736.46	820.88
GNFGGSFAGSFSGGAGGHAPGVAR	P52272	3	5570.46	678.99
GNFGGSFAGSFSGGAGGHAPGVAR	P52272	2	5569.35	1017.98
GNFGGSFAGSFSGGAGGHAPGVARK	P52272	4	4336.39	541.52
GNFGGSFAGSFSGGAGGHAPGVARK	P52272	3	4346.43	721.69

Table 3: Peptides of interest. Please note that the script requires a vector of *stripped* peptide sequences, but in the above table we list the *modified* peptide sequences.

modified sequence	accession	charge	retention time	m/z
AALETDENLLLC(Methylthio)A...	O75643	2	9446.27	966.97
ANSNLVLQADR	O75643	2	3364.48	600.82
DILC(Methylthio)GAADDEVLA...	O75643	2	13363.36	788.41
GLFYFDNSFRPVPLEQTYVGITEK	O75643	3	10851.51	940.81
GNIISTPEKWDILSR	O75643	3	8401.82	614.67
GYTLLSEGIDEMVGIYKPK	O75643	3	12026.42	742.73
HLILPEKYPPPTTELLDLQPLPVSA...	O75643	4	10522.78	738.18
HLSDHLSSELVEQTLSDLEQSK	O75643	4	11777.91	602.80
HLSDHLSSELVEQTLSDLEQSK	O75643	3	11778.33	803.40
LELSVHLQPITR	O75643	3	6463.56	469.28
LTAIDILTTC(Methylthio)AAD...	O75643	2	13199.51	882.46
LYDLNHNEIGELIR	O75643	3	7560.42	566.96
M(Oxidation)DTDLETM(Oxida...	O75643	2	6919.78	1105.48
M(Oxidation)TQNPYYNLQGIS...	O75643	3	4206.52	651.31
MTQNPYYNLQGISHR	O75643	3	4594.64	645.98
RLDLVHTAALMLDKNNLVK	O75643	4	8302.19	541.81
SGGPVVVLVQLEREEVETGPVIAPL...	O75643	3	12091.36	1029.91
SLQYEEK	O75643	2	2782.59	465.73
SLVQEMVGSFGK	O75643	2	8622.79	641.33
TGNFQVTELGR	O75643	2	4983.82	611.31
TNLLLQAHLSR	O75643	3	4683.05	422.58
TRRDEPTGEVLSLVGKLEGTR	O75643	4	7443.32	579.07
VPIPVKESIEEPSAK	O75643	3	4274.05	541.63
VLLTGETSTDLEK	O75643	2	6029.52	688.39
YAQAGFEGFK	O75643	2	4657.65	559.27
AHGGYSVFAGVGER	P06576	3	4066.84	469.57
AHGGYSVFAGVGER	P06576	2	4067.38	703.84
AIAELGIYPAVDPLDSTSR	P06576	2	10056.72	994.52
DQEGQDVLLFIDNIFR	P06576	2	13754.13	961.49
EGNDLYHEM(Oxidation)IESGV...	P06576	3	6967.34	693.00
EGNDLYHEMIESGVINLK	P06576	3	9519.98	687.67
ETRLVLEVAQHLGESTVR	P06576	4	7089.19	510.03
ETRLVLEVAQHLGESTVR	P06576	3	7085.92	679.71
FLSQPFQVAEVFTGHM(Oxidatio...	P06576	3	8779.41	680.34

FLSQPFQVAEVFTGHMGK	P06576	3	9681.53	675.01
FLSQPFQVAEVFTGHM(Oxidatio...	P06576	2	8779.66	1020.01
FTQAGSEVSALLGR	P06576	2	7458.45	718.38
FTQAGSEVSALLGRIPSAVGYPQL...	P06576	3	10274.31	1238.94
FTQAGSEVSALLGRIPSAVGYPQL...	P06576	3	10761.70	1233.61
GFQQILAGEYDHLPEQAFYM(Oxid...	P06576	3	11504.92	1122.88
GFQQILAGEYDHLPEQAFYMGVPIE...	P06576	3	12341.34	1117.55
GGKIGLFGGAGVGK	P06576	2	3908.14	609.35
GQKVLDSGAPIKIPVGPETLGR	P06576	4	6585.67	558.82
GQKVLDSGAPIKIPVGPETLGR	P06576	3	6587.37	744.76
GSITSVQAIYVPADDLTDPAATTF...	P06576	3	11298.03	1238.97
IGLFGGAGVGK	P06576	2	5844.10	488.28
IM(Oxidation)DPNIVGSEHYDV...	P06576	3	4749.42	611.29
IM(Oxidation)DPNIVGSEHYDV...	P06576	2	4748.42	916.44
IMDPNIVGSEHYDVAR	P06576	3	5605.08	605.96
IM(Oxidation)DPNIVGSEHYDV...	P06576	3	5605.37	611.29
IMDPNIVGSEHYDVAR	P06576	2	5607.40	908.44
IM(Oxidation)NVIGEPIDER	P06576	2	5304.34	701.36
IMNVIGEPIDER	P06576	2	6546.60	693.36
IM(Oxidation)NVIGEPIDERGP...	P06576	3	5343.69	599.66
IMNVIGEPIDERGPIK	P06576	3	6292.57	594.33
IM(Oxidation)NVIGEPIDERGP...	P06576	3	6297.18	599.66
IMNVIGEPIDERGPIK	P06576	2	6296.13	890.98
IM(Oxidation)NVIGEPIDERGP...	P06576	2	5333.90	898.98
IMNVIGEPIDERGPIKTK	P06576	4	5258.30	503.28
IM(Oxidation)NVIGEPIDERGP...	P06576	4	4395.74	507.28
IM(Oxidation)NVIGEPIDERGP...	P06576	3	4391.38	676.04
IM(Oxidation)NVIGEPIDERGP...	P06576	4	5256.54	507.28
IPSAVGYPQLATDM(Dioxidati...	P06576	2	6010.84	1149.54
IPSAVGYPQLATDMGTM(Oxidat...	P06576	2	7115.37	1141.54
IPSAVGYPQLATDM(Oxidation...	P06576	2	6646.31	1141.54
IPSAVGYPQLATDMGTMQER	P06576	2	7931.74	1133.55
KGSITSVQAIYVPADDLTDPAATT...	P06576	4	10149.17	961.50
KGSITSVQAIYVPADDLTDPAATT...	P06576	3	10147.58	1281.67
LVLEVAQHLGESTVR	P06576	3	6607.33	550.98
LVLEVAQHLGESTVR	P06576	2	6606.95	825.96
LVPLKETIK	P06576	2	2993.62	520.84
QFAPIHAEAPEFM(Oxidation)E...	P06576	3	9597.57	1026.17
SLQDIIAILGM(Oxidation)DEL...	P06576	3	12353.01	897.80
SLQDIIAILGMDELSEEDKLTVSR	P06576	3	12689.66	892.47
SLQDIIAILGM(Oxidation)DEL...	P06576	3	12687.94	897.80
TIAM(Oxidation)DGTEGLVR	P06576	2	4113.14	639.82
TIAMDGTEGLVR	P06576	2	5633.95	631.82
TIAM(Oxidation)DGTEGLVR	P06576	2	5633.57	639.82
TREGNDLYHEM(Oxidation)IES...	P06576	4	5712.27	584.29
TREGNDLYHEM(Oxidation)IES...	P06576	3	5714.93	778.72
TREGNDLYHEMIESGVINLK	P06576	3	8065.03	773.39
TREGNDLYHEMIESGVINLK	P06576	4	8067.58	580.29
TREGNDLYHEM(Oxidation)IES...	P06576	4	5683.00	709.85
TREGNDLYHEMIESGVINLKDATSK	P06576	4	7944.27	705.85
TVLIM(Oxidation)ELINNVAK	P06576	2	9934.08	737.42
TVLIMELINNVAK	P06576	2	11599.39	729.42
TVLIM(Oxidation)ELINNVAK	P06576	2	11591.65	737.42
TVLIM(Oxidation)ELINNVAK	P06576	2	9924.20	737.42
TVLIMELINNVAK	P06576	2	11737.48	729.42
VALTGLTVAEYFR	P06576	2	9634.90	720.40

VALVYGQMNEPPGAR	P06576	2	5752.97	801.40
VALVYGQM(Oxidation)NEPPGA...	P06576	2	4561.82	809.41
VALVYGQM(Oxidation)NEPPGA...	P06576	2	5735.77	809.41
VLDSGAPIKIPVGPETLGR	P06576	3	7703.51	640.37
VLDSGAPIKIPVGPETLGR	P06576	2	7703.86	960.05
VVDLLAPYAK	P06576	2	7025.47	544.82
AAVAGEDGRM(Oxidation)IAGQ...	P07910	3	8236.26	842.44
GFAFVQYVNER	P07910	2	7451.91	665.33
IVGC(Methylthio)SVHK	P07910	2	2266.05	444.72
IVGC(Methylthio)SVHKGFAFV...	P07910	4	7057.45	550.53
IVGC(Methylthio)SVHKGFAFV...	P07910	3	7078.28	733.70
KELTQIK	P07910	2	1530.39	430.27
LKGDDLQAIKK	P07910	3	2010.80	410.25
LKGDDLQAIKK	P07910	2	2012.40	614.87
LKGDDLQAIKKELTQIK	P07910	4	6152.95	486.04
M(Oxidation)IAGQVLDINLAAE...	P07910	2	8127.15	849.96
MIAGQVLDINLAAEPK	P07910	2	8833.20	841.96
M(Oxidation)IAGQVLDINLAAE...	P07910	2	8831.39	849.96
M(Oxidation)YSYPAR	P07910	2	2178.51	452.20
MYSYPAR	P07910	2	2609.85	444.21
MYSYPARVPPPPPIAR	P07910	3	5638.05	604.66
SGKLGDDLQAIKK	P07910	3	1721.10	500.96
SGKLGDDLQAIKK	P07910	2	1716.12	750.94
VPPPPPIAR	P07910	2	3073.40	472.29
VPPPPPIAR	P07910	2	3255.40	472.29
AC(Methylthio)LISLGYDVEND...	O43707	3	8518.39	849.05
AGTQIENIDEDFRDGLK	O43707	3	6848.07	640.98
AGTQIENIDEDFRDGLK	O43707	2	6847.12	960.97
AIM(Oxidation)TYVSSFYHAFS...	O43707	3	8185.69	675.32
AIM(Oxidation)TYVSSFYHAFS...	O43707	2	8172.79	1012.48
AIMTYVSSFYHAFSGAQK	O43707	3	9592.08	669.99
AIMTYVSSFYHAFSGAQK	O43707	2	9597.33	1004.49
AIM(Oxidation)TYVSSFYHAFS...	O43707	3	9596.21	675.32
AIM(Oxidation)TYVSSFYHAFS...	O43707	4	7575.23	685.08
AIM(Oxidation)TYVSSFYHAFS...	O43707	3	7571.39	913.11
AIMTYVSSFYHAFSGAQKAETAANR	O43707	3	8754.95	907.77
ALDFIASK	O43707	2	4963.37	432.74
ASFNHFDKDHGGALGPEEFK	O43707	4	4122.09	551.51
ASFNHFDKDHGGALGPEEFK	O43707	3	4144.77	735.01
ASIHEAWTDGKEAM(Oxidation)...	O43707	3	3348.57	601.63
ASIHEAWTDGKEAM(Oxidation)...	O43707	4	3349.63	451.47
ASIHEAWTDGKEAMLK	O43707	3	4519.42	596.30
ASIHEAWTDGKEAMLK	O43707	4	4527.79	447.47
C(Methylthio)QLEINFNTLQTK	O43707	2	8884.72	799.39
DAKGISQEQM(Oxidation)QEFR	O43707	3	2737.85	561.60
DAKGISQEQM(Oxidation)QEFR	O43707	2	2742.44	841.89
DDPVTNLNNAFEVAEK	O43707	2	9082.35	888.43
DDPVTNLNNAFEVAEKYLDIPK	O43707	3	12761.98	835.76
DGLAFNALIHR	O43707	2	7035.73	613.84
DGLAFNALIHR	O43707	3	7033.86	409.56
DYETATLSDIK	O43707	2	6094.41	628.31
EAILAIHK	O43707	2	2743.24	447.77
EAILAIHKEAQR	O43707	3	2210.93	460.26
EAILAIHKEAQR	O43707	2	2215.06	689.89
EALEKTEKQLEAIDQLHLEYAK	O43707	4	7225.32	650.60
EGLLLWC(Methylthio)QR	O43707	2	9692.16	582.29

ELPPDQAEYC(Methylthio)IAR	O43707	2	7002.71	775.85
ELPPDQAEYC(Methylthio)IAR	O43707	2	7083.91	775.85
ETTDTDADQVIASFK	O43707	2	8062.69	871.41
FAIQDISVEETSAK	O43707	2	7063.20	769.39
GISQEQM(Oxidation)QEFR	O43707	2	2739.50	684.81
GISQEQMQEFR	O43707	2	4339.88	676.82
GISQEQM(Oxidation)QEFR	O43707	2	4353.66	684.81
GYEEWLLNEIR	O43707	2	10169.93	711.36
HRDYETATLSDIK	O43707	3	3041.19	516.93
HRPELIEYDK	O43707	3	2334.19	433.89
HRPELIEYDK	O43707	2	2317.06	650.34
HRPELIEYDKLR	O43707	4	3072.91	392.97
HRPELIEYDKLR	O43707	3	3056.43	523.62
HRPELIEYDKLRK	O43707	4	2437.01	424.99
HTNYTMEHIR	O43707	2	1866.52	651.30
HTNYTM(Oxidation)EHIR	O43707	3	1455.93	439.87
HTNYTM(Oxidation)EHIR	O43707	2	1456.59	659.30
HTNYTMEHIR	O43707	3	1855.45	434.54
IAESNHIK	O43707	2	1235.63	456.25
IAESNHIKLSGSNPYTTVTPQIINS...	O43707	4	5891.40	703.88
IC(Methylthio)DQWDALGSLTH...	O43707	3	8717.28	583.27
INNWNKALDFIASK	O43707	3	6288.21	516.29
ISIEMNGTLEDQLSHLK	O43707	3	8458.92	643.33
ISIEM(Oxidation)NGTLEDQLS...	O43707	3	7310.00	648.66
ISIEM(Oxidation)NGTLEDQLS...	O43707	4	7457.52	630.82
KAGTQIENIDEDFRDGLK	O43707	3	5572.19	683.68
KAGTQIENIDEDFRDGLK	O43707	4	5566.69	513.01
KDDPVTNLNNAFEVAEK	O43707	3	6826.99	635.32
KDDPVTNLNNAFEVAEK	O43707	2	6826.29	952.47
KDDPVTNLNNAFEVAEKYLDIPK	O43707	3	11618.90	878.45
KDDPVTNLNNAFEVAEKYLDIPK	O43707	4	11629.73	659.09
KTFTAWC(Methylthio)NSHLR	O43707	3	4628.27	503.91
KTFTAWC(Methylthio)NSHLRK	O43707	3	3352.06	546.61
LASDLLEWIR	O43707	2	10366.11	608.34
LASDLLEWIRR	O43707	3	8660.76	457.93
LDHLAEK	O43707	2	1399.43	413.23
LDHLAEKFR	O43707	3	2308.99	376.88
LM(Oxidation)LLEVISGERLP...	O43707	4	8470.91	528.06
LMLLEVISGERLPKPER	O43707	4	9520.17	524.06
LRKDDPVTNLNNAFEVAEK	O43707	4	5943.50	544.04
LRKDDPVTNLNNAFEVAEKYLDIPK	O43707	4	10641.49	726.39
LSGSNPYTTVTPQIINSK	O43707	2	6625.51	960.51
LSGSNPYTTVTPQIINSKWEK	O43707	3	6923.35	788.41
LSNRPAFMPSEK	O43707	3	3100.77	478.58
LVSIGAEIIVDGNK	O43707	2	6663.17	757.91
M(Oxidation)APYQGPDAVPGAL...	O43707	2	6433.07	904.93
MAPYQGPDAVPGALDYK	O43707	2	7001.32	896.93
M(Oxidation)APYQGPDAVPGAL...	O43707	2	6998.59	904.93
M(Oxidation)LDAEDIVNTARPD...	O43707	3	5738.10	611.63
M(Oxidation)LDAEDIVNTARPD...	O43707	2	5737.40	916.94
MLDAEDIVNTARPDEK	O43707	3	6487.18	606.30
MLDAEDIVNTARPDEK	O43707	2	6486.87	908.94
M(Oxidation)LDAEDIVNTARPD...	O43707	3	6486.32	611.63
M(Oxidation)LDAEDIVNTARPD...	O43707	2	6492.91	916.94
NVNVQNFHISWK	O43707	2	6305.44	743.38
NVNVQNFHISWK	O43707	3	6296.92	495.92

QFASQANVVG PWIQT K	O43707	2	7605.79	887.47
QLEAIDQLHLEYAK	O43707	3	6835.31	557.63
QLEAIDQLHLEYAKR	O43707	4	5640.68	457.50
RDHALLEE QSK	O43707	3	1618.19	442.56
RDHALLEE QSKQQSNEHLR	O43707	4	1829.30	580.30
RQFASQANVVG PWIQT K	O43707	3	5919.51	644.01
RTIPWLED RVPQK	O43707	3	4602.85	546.64
SIVDYKPNLDLLEQQHQHQLIQEALIF...	O43707	4	11309.39	831.94
SIVDYKPNLDLLEQQHQHQLIQEALIF...	O43707	3	11306.86	1108.92
TAPYKVN NVQNFHISWK	O43707	4	5925.81	512.27
TAPYKVN NVQNFHISWK	O43707	3	5922.83	682.69
TEKQLEAIDQLHLEYAK	O43707	4	5985.63	508.02
TEKQLEAIDQLHLEYAK	O43707	3	5989.08	677.02
TFTAWC(Methylthio)NSHLR	O43707	3	6199.54	461.21
TFTAWC(Methylthio)NSHLR	O43707	2	6243.15	691.31
TINEVENQILTR	O43707	2	6198.35	715.39
TIQEMQQK	O43707	2	1659.65	503.26
VGWEQLLT TIAR	O43707	2	11063.02	693.89
VHKPPKVQEK	O43707	3	1081.02	397.24
VHKPPKVQEK	O43707	2	1104.93	595.36
VLADGNFITA EELR	O43707	3	5870.35	559.31
VLADGNFITA EELR	O43707	2	5867.80	838.45
VLADGNFITA EELRR	O43707	4	4742.17	458.76
VLA VNQENEHLM(Oxidation)ED...	O43707	3	4114.35	692.99
VLA VNQENEHLMEDYEK	O43707	3	5428.68	687.66
VLA VNQENEHLM(Oxidation)ED...	O43707	2	4120.65	1038.98
VQQLV PK	O43707	2	2270.17	406.26
AKFEELNMDLFR	P11021	3	7827.10	504.92
AKFEELNM(Oxidation)DLFR	P11021	3	6340.88	510.25
AKFEELNM(Oxidation)DLFR	P11021	2	6341.70	764.88
AKFEELNMDLFR	P11021	2	7827.76	756.88
AVEEKIEWLESHQDADIEDFK	P11021	3	7623.84	844.40
AVEEKIEWLESHQDADIEDFKAK	P11021	4	6832.87	683.33
DAGTIAGLNVM(Oxidation)R	P11021	2	5466.52	617.32
DAGTIAGLNVMR	P11021	2	7130.61	609.32
DAGTIAGLNVM(Oxidation)R	P11021	2	7157.32	617.32
DAGTIAGLNVM(Oxidation)R	P11021	2	5517.68	617.31
DNHLLGTFDLTGIPPAPR	P11021	3	9496.78	645.34
DNHLLGTFDLTGIPPAPR	P11021	2	9506.43	967.51
DNHLLGTFDLTGIPPAPR	P11021	3	9504.56	645.34
ELEEIVQPIISK	P11021	2	7934.60	699.40
FEELNM(Oxidation)DLFR	P11021	2	7569.60	665.31
FEELNMDLFR	P11021	2	9376.14	657.31
FLPFKVVEK	P11021	2	5178.59	553.83
FLPFKVVEKK	P11021	3	3612.48	412.26
FLPFKVVEKK	P11021	2	3627.05	617.88
IDTRNELESYAYS LK	P11021	3	6935.43	601.30
IDTRNELESYAYS LKNQIGDKEK	P11021	4	7094.46	679.35
IEIESFYEGEDFSETLTR	P11021	2	10138.13	1083.00
IEWLESHQDADIEDFK	P11021	3	7545.04	658.97
IINEPTAAAIAYGLDK	P11021	2	8020.47	830.45
IINEPTAAAIAYGLDKR	P11021	3	6870.54	606.00
IINEPTAAAIAYGLDKR	P11021	2	6867.05	908.50
ITITNDQNR	P11021	2	2138.96	537.78
ITITNDQNRLTPEEIER	P11021	3	5248.06	681.35
ITPSYVAFTPEGER	P11021	2	6421.94	783.89

ITPSYVAFTPEGERLIGDAAK	P11021	3	7958.74	745.73
KELEEIVQPIISK	P11021	3	6304.49	509.30
KELEEIVQPIISK	P11021	2	6305.72	763.45
KKELEEIVQPIISK	P11021	3	5133.47	552.00
KSDIDEIVLVGGSTR	P11021	3	6037.10	530.29
KSQIFSTASDNQPTVTIK	P11021	3	4607.32	655.68
KSQIFSTASDNQPTVTIK	P11021	2	4611.97	983.02
KTKPYIQVDIGGGQTK	P11021	3	2961.09	578.32
KTKPYIQVDIGGGQTK	P11021	2	2951.68	866.98
KVTHAVVTVPAYFNDAQR	P11021	4	4617.77	504.77
KVTHAVVTVPAYFNDAQR	P11021	3	4612.83	672.69
LIGDAAKNQLTSNPENTVFDAK	P11021	3	6558.55	782.74
LTPEEIER	P11021	2	3254.01	493.76
LYGSAGPPPTGEEDTAEKDEL	P11021	2	5768.97	1088.50
MKETAEAYLGK	P11021	2	2781.25	620.82
M(Oxidation)KETAEAYLGK	P11021	2	2236.90	628.81
MKETAEAYLGKK	P11021	3	2110.37	456.91
M(Oxidation)KETAEAYLGKK	P11021	2	1793.09	692.86
M(Oxidation)KETAEAYLGKK	P11021	3	1796.96	462.24
MKETAEAYLGKK	P11021	2	2108.19	684.86
MVNDAEKFAEEDK	P11021	3	3309.46	509.23
M(Oxidation)VNDAEKFAEEDKK	P11021	3	2051.82	557.26
M(Oxidation)VNDAEKFAEEDKK	P11021	2	2046.91	835.39
MVNDAEKFAEEDKK	P11021	3	2423.62	551.93
M(Oxidation)VNDAEKFAEEDKK...	P11021	3	2498.13	637.66
M(Oxidation)VNDAEKFAEEDKK...	P11021	4	2396.85	549.78
NELESYAYSLK	P11021	2	6436.32	658.82
NQLTSNPENTVFDAK	P11021	2	5446.82	839.41
NQLTSNPENTVFDAKR	P11021	3	4260.53	611.97
NQLTSNPENTVFDAKR	P11021	2	4256.22	917.46
QATKDAGTIAGLNVM(Oxidation...	P11021	3	3539.53	554.63
QATKDAGTIAGLNVM(Oxidation...	P11021	2	3539.12	831.44
RALSSQHQR	P11021	2	1103.17	577.32
RALSSQHQR	P11021	3	1103.54	385.21
SDIDEIVLVGGSTR	P11021	2	7895.83	730.88
SQIFSTASDNQPTVTIK	P11021	2	6081.44	918.97
TFAPEEISAMVLTK	P11021	2	9476.05	768.90
TFAPEEISAM(Oxidation)VLTK	P11021	2	7953.70	776.90
TFAPEEISAM(Oxidation)VLTK	P11021	2	9484.35	776.90
TKPYIQVDIGGGQTK	P11021	3	4136.75	535.63
TKPYIQVDIGGGQTK	P11021	2	4133.47	802.94
TWNDPSVQQDIK	P11021	2	4695.89	715.85
VEIANDQGNR	P11021	2	2876.84	614.82
VLEDSDLKK	P11021	2	1841.47	523.79
VLEDSDLKKSDIDEIVLVGGSTR	P11021	4	7426.59	622.83
VLEDSDLKKSDIDEIVLVGGSTR	P11021	3	7427.12	830.11
VM(Oxidation)EHFIK	P11021	2	1954.59	460.24
VTHAVVTVPAYFNDAQR	P11021	3	5758.44	629.99
VTHAVVTVPAYFNDAQR	P11021	2	5757.18	944.49
VYEGERPLTK	P11021	2	1926.05	596.32
VYEGERPLTK	P11021	3	1926.28	397.88
VYEGERPLTKDNHLLGTFDLTGIPP...	P11021	4	7715.33	777.41
AEGSDVANAVLDGADC(Methylth...	P14618	2	10952.13	1250.06
AEGSDVANAVLDGADC(Methylth...	P14618	2	12179.14	1242.06
AEGSDVANAVLDGADC(Methylth...	P14618	3	11358.25	1167.21
AEGSDVANAVLDGADC(Methylth...	P14618	3	12170.15	1161.87

AGKPVIC(Methylthio)ATQM(O...	P14618	3	6100.48	633.31
AGKPVIC(Methylthio)ATQM(O...	P14618	3	7928.94	627.98
AGKPVIC(Methylthio)ATQMLE...	P14618	3	7557.32	627.98
AGKPVIC(Methylthio)ATQMLE...	P14618	3	9885.21	627.98
APIIAVTR	P14618	2	3531.77	420.77
APIIAVTR	P14618	2	3553.53	420.76
C(Methylthio)C(Methylthio...	P14618	2	8142.61	600.29
C(Methylthio)DENILWLDYK	P14618	2	9590.01	729.33
EAEAAIYHLQLFEELR	P14618	3	9334.92	644.67
EAEAAIYHLQLFEELR	P14618	2	9331.29	966.50
EAEAAIYHLQLFEELRR	P14618	4	8073.33	522.78
EAEAAIYHLQLFEELRR	P14618	3	8075.63	696.70
FGVEQDVDM(Oxidation)VFASF...	P14618	2	12378.92	938.45
FGVEQDVDMVFASFIR	P14618	2	12736.45	930.45
FGVEQDVDM(Oxidation)VFASF...	P14618	3	10957.86	668.67
FGVEQDVDMVFASFIRK	P14618	3	11592.60	663.34
GDYPLEAVR	P14618	2	4567.95	510.26
GIFPVL(C(Methylthio)KDPVQE...	P14618	3	11461.33	849.42
GSGTAEVELK	P14618	2	2353.70	495.76
GSGTAEVELKK	P14618	2	1677.86	559.81
GVNLPGAAVDLPVSEKDIQDLK	P14618	3	9050.80	783.76
IENHEGVR	P14618	2	1155.61	477.24
IISKIENHEGVR	P14618	3	1919.34	465.60
IISKIENHEGVR	P14618	2	1925.95	697.89
ITLDNAYM(Oxidation)EK	P14618	2	4013.79	607.29
ITLDNAYMEK	P14618	2	5144.14	599.29
IYVDDGLISLQVK	P14618	2	8923.18	731.91
KGDVVIVLTGWRPGSGFTNTM(Oxi...	P14618	4	7312.65	602.57
KGVNLPGAAVDLPVSEKDIQDLK	P14618	4	7868.62	620.10
KGVNLPGAAVDLPVSEKDIQDLK	P14618	3	7867.84	826.46
LAPITSDPTEATAVGAVEASFK	P14618	2	9851.60	1088.06
LDIDSPITAR	P14618	2	5910.75	599.33
LNFSHGTHEYHAETIK	P14618	4	2405.09	471.73
LNFSHGTHEYHAETIK	P14618	3	2404.96	628.64
LNFSHGTHEYHAETIK	P14618	2	2403.79	942.46
LNFSHGTHEYHAETIKNVR	P14618	4	2499.01	564.03
LNFSHGTHEYHAETIKNVR	P14618	3	2511.51	751.71
NTGIC(Methylthio)TIGPASR	P14618	2	7053.33	674.84
QKGADFLVTEVENGGSLGSK	P14618	3	6957.20	679.35
RFDEILEASDGIM(Oxidation)V...	P14618	3	7467.10	613.31
RFDEILEASDGIMVAR	P14618	3	8451.01	607.98
RFDEILEASDGIM(Oxidation)V...	P14618	3	8441.11	613.31
RLAPITSDPTEATAVGAVEASFK	P14618	3	8420.56	777.74
SVETLKEM(Oxidation)IK	P14618	2	2674.97	597.33
SVETLKEMIK	P14618	2	4339.08	589.33
SVETLKEM(Oxidation)IK	P14618	3	2757.07	398.55
TATESFASDPILYRPVAVALDTK	P14618	3	9070.19	822.43
TATESFASDPILYRPVAVALDTK	P14618	2	9075.68	1233.14
TATESFASDPILYRPVAVALDTKGP...	P14618	4	8837.08	755.15
TATESFASDPILYRPVAVALDTKGP...	P14618	3	8836.86	1006.54
TGLIKGSGTAEVELK	P14618	2	3823.34	751.92
TGLIKGSGTAEVELK	P14618	3	3804.51	501.62
TGLIKGSGTAEVELKK	P14618	3	2779.90	544.32
TGLIKGSGTAEVELKK	P14618	2	2786.83	815.97
VNFAM(Oxidation)NVGK	P14618	2	2845.80	498.25
VNFAMNVGK	P14618	2	4515.04	490.26

EANQAINPK	P17844	2	1368.20	492.76
ELAQVQVQVAAEYC(Methylthio...	P17844	2	10292.83	891.42
FVINYDYPNSEDYIHR	P17844	3	7106.52	711.33
GHNC(Methylthio)PKPVLFNFYE...	P17844	4	9073.68	745.36
GHNC(Methylthio)PKPVLFNFYE...	P17844	4	10392.74	741.36
GLDVEDVKFVINYDYPNSEDYIHR	P17844	4	9214.17	747.61
GLDVEDVKFVINYDYPNSEDYIHR	P17844	3	9211.06	996.47
GYSSLLKR	P17844	2	2635.44	462.27
HGKAPILIATDVASR	P17844	3	3600.58	516.97
KKWNLDELPKFEK	P17844	4	4703.52	419.49
LIDFLEC(Methylthio)GK	P17844	2	9345.30	542.26
LMEEMSEKENK	P17844	3	3848.71	494.24
LM(Oxidation)EEIM(Oxidati...	P17844	3	1706.27	504.90
NFYQEHPDLAR	P17844	3	3390.43	463.89
NFYQEHPDLAR	P17844	2	3389.48	695.33
QVSDLISVLR	P17844	2	8288.14	565.33
RTAQEVETYRR	P17844	3	1445.81	470.25
TAQEVETYRR	P17844	2	1618.41	626.82
TGTAYTFFTPNNIK	P17844	2	7214.46	787.90
TGTAYTFFTPNNIKQVSDLISVLR	P17844	3	12122.62	895.81
TIVFVETK	P17844	2	4564.87	468.77
TIVFVETKR	P17844	2	3025.94	546.82
TIVFVETKR	P17844	3	3024.25	364.88
TLSYLLPAIVHINHQPFLER	P17844	4	9139.56	591.08
WNLDELPKFEK	P17844	3	7573.15	473.58
ATAPQTQHVSPM(Oxidation)R	P29692	2	1382.54	720.36
ATAPQTQHVSPM(Oxidation)R	P29692	3	1384.88	480.57
GVVQELQQAISK	P29692	2	8047.50	650.37
GVVQELQQAISKLEAR	P29692	3	10876.25	590.34
GVVQELQQAISKLEAR	P29692	2	10871.97	885.00
IASLEVENQSLR	P29692	2	5007.93	679.87
LVPVGYGIR	P29692	2	5088.31	487.30
LVPVGYGIRK	P29692	2	3203.97	551.34
SIQLDGLVWGASK	P29692	2	8819.78	687.37
SLAGSSGPGASSGTSGDHGELVVR	P29692	3	3552.50	729.02
SLAGSSGPGASSGTSGDHGELVVR	P29692	2	3550.73	1093.03
SSILLDVKPWDDDETDM(Oxidatio...	P29692	3	10603.67	932.77
DGEEAGAYDGPR	P30101	2	2686.20	618.76
DLLIAYYDVDYEK	P30101	2	9910.53	810.40
DLLIAYYDVDYEKNAK	P30101	2	8151.77	966.98
DLLIAYYDVDYEKNAK	P30101	3	8153.70	644.99
EATNPPVIQEEKPK	P30101	3	2402.50	527.28
EATNPPVIQEEKPK	P30101	2	2396.37	790.42
EATNPPVIQEEKPKK	P30101	3	1857.51	569.98
EATNPPVIQEEKPKK	P30101	2	1858.65	854.47
EATNPPVIQEEKPKKK	P30101	3	1543.99	612.68
EATNPPVIQEEKPKKK	P30101	2	1537.95	918.51
EATNPPVIQEEKPKKK	P30101	4	1540.43	459.76
ELSDFISYLQR	P30101	2	10203.67	685.85
FEDKTVAYTEQK	P30101	2	2438.88	729.86
FEDKTVAYTEQK	P30101	3	2439.18	486.91
FIQENIFGIC(Methylthio)PHM...	P30101	4	9449.37	709.84
FIQENIFGIC(Methylthio)PHM...	P30101	4	8473.24	713.84
FISDKDASIVGFFDDSFSEAHSEFL...	P30101	4	11062.29	735.35
FISDKDASIVGFFDDSFSEAHSEFL...	P30101	3	11060.77	980.13
FLDAGHKLNFVAVSR	P30101	4	5106.87	412.23

FLDAGHKLNFASR	P30101	3	5101.44	549.30
FLDAGHKLNFASRK	P30101	4	3906.42	444.25
FLQDYFDGNLK	P30101	2	8189.42	680.33
FLQDYFDGNLKR	P30101	3	6540.39	505.92
FLQDYFDGNLKR	P30101	2	6540.71	758.38
FVM(Oxidation)QEEFSR	P30101	2	3414.10	594.77
FVMQEEFSR	P30101	2	5468.39	586.77
FVM(Oxidation)QEEFSR	P30101	2	5459.61	594.77
FVM(Oxidation)QEEFSRDGK	P30101	3	2632.30	496.90
FVMQEEFSRDGK	P30101	3	4236.19	491.57
FVM(Oxidation)QEEFSRDGK	P30101	2	2642.04	744.84
FVM(Oxidation)QEEFSRDGK	P30101	3	4241.68	496.90
GEKFVM(Oxidation)QEEFSR	P30101	2	3055.86	751.85
GEKFVM(Oxidation)QEEFSRDG...	P30101	3	2499.24	601.62
GEKFVMQEEFSRDGK	P30101	3	3567.85	596.29
GFPTIYFSPANK	P30101	2	7787.46	671.35
GFPTIYFSPANKK	P30101	2	5901.08	735.39
GFPTIYFSPANKK	P30101	3	5900.67	490.60
IFRDGEEAGAYDGPR	P30101	2	3383.93	826.89
IFRDGEEAGAYDGPR	P30101	3	3384.40	551.59
IFRDGEEAGAYDGPR	P30101	3	3667.39	551.60
KFIQENIFGIC(Methylthio)PH...	P30101	4	7527.33	745.86
KFISDKDASIVGFFDDSFSEAHSEF...	P30101	4	10090.20	767.37
KFLDAGHK	P30101	2	1421.20	458.26
KFLDAGHKLNFASR	P30101	4	4272.68	444.25
KFLDAGHKLNFASR	P30101	3	4288.55	592.00
KFLDAGHKLNFASRK	P30101	4	3346.88	476.27
KQAGPASVPLRTEEEFKK	P30101	3	2663.35	672.37
KTFSHELSDFGLESTAGEIPVVAIR	P30101	4	8992.31	676.60
KTFSHELSDFGLESTAGEIPVVAIR	P30101	3	8985.33	901.80
KYEGGRELSDFISYLQR	P30101	3	8106.57	687.68
KYEGGRELSDFISYLQR	P30101	4	8098.05	516.02
LAPEYEEAATR	P30101	2	3127.73	596.30
LKGIVPLAK	P30101	2	3181.18	469.82
LNFAVASR	P30101	2	4093.87	439.25
LNFAVASRK	P30101	2	2522.07	503.30
LSKDPNIVIAK	P30101	2	2868.45	599.36
LSKDPNIVIAK	P30101	3	2869.05	399.91
M(Oxidation)DATANDVPSPYEV...	P30101	2	5066.94	840.88
MDATANDVPSPYEV	P30101	2	5737.81	832.88
M(Oxidation)DATANDVPSPYEV...	P30101	2	5739.93	840.88
QAGPASVPLRTEEEFKK	P30101	3	3441.43	629.67
QAGPASVPLRTEEEFKK	P30101	2	3435.78	944.00
RLAPEYEEAATR	P30101	2	2512.53	674.35
RLAPEYEEAATR	P30101	3	2519.11	449.90
SEPIPESNDGPVK	P30101	2	3191.68	684.84
TADGIVSHLK	P30101	2	2761.46	520.79
TADGIVSHLKK	P30101	3	2127.76	390.23
TADGIVSHLKK	P30101	2	2140.20	584.84
TAKGEKFVM(Oxidation)QEEFS...	P30101	3	2492.49	601.63
TAKGEKFVMQEEFSR	P30101	3	3352.26	596.30
TFSHELSDFGLESTAGEIPVVAIR	P30101	3	10201.80	859.11
TFSHELSDFGLESTAGEIPVVAIR	P30101	2	10202.28	1288.16
VDC(Methylthio)TANTNTC(Me...	P30101	2	3759.41	688.26
VDC(Methylthio)TANTNTC(Me...	P30101	3	6995.09	814.36
YEGGRELSDFISYLQR	P30101	3	9493.99	644.99

YGVSGYPTLK	P30101	2	4804.40	542.79
YKELGEK	P30101	2	1343.25	433.73
YKELGEKLSKDPNIVIAK	P30101	4	3795.88	512.05
YKELGEKLSKDPNIVIAK	P30101	3	3797.26	682.39
AFTHTAQYDEAISDYFR	P31939	3	7432.15	678.98
AFTHTAQYDEAISDYFRK	P31939	4	6271.44	541.51
ALFEEVPELLTEAEKK	P31939	3	9602.14	616.00
APGQLALFSVSDK	P31939	2	7400.69	666.86
APGQLALFSVSDKTGLVEFAR	P31939	3	9516.75	736.07
DVSELTGFPEMLGGR	P31939	2	10580.67	804.39
DVSELTGFPEM(Oxidation)LGG...	P31939	2	8971.72	812.39
ELKEALGIPAAASF	P31939	3	6599.94	515.63
ELKEALGIPAAASF	P31939	2	6586.68	772.94
EVSDGIIAPGYEEEEALTILSK	P31939	2	11580.53	1117.58
HVSPAGAAVGIPLSEDEAK	P31939	3	5079.59	616.65
HVSPAGAAVGIPLSEDEAK	P31939	2	5082.97	924.48
IISREVS DGIIAPGYEEEEALTILSK	P31939	3	10294.32	901.82
LDFNLIR	P31939	2	7494.89	445.76
MSSFGDFVALSDVC(Methylthio...	P31939	2	12221.59	1067.98
M(Oxidation)SSFGDFVALSDVC...	P31939	2	11978.98	1075.98
NLTALGLNLVASGGTAK	P31939	2	8755.21	800.46
RAEISNAIDQYVTGTIGEDEDLIKW...	P31939	4	10347.53	741.88
SLFSNVVTK	P31939	2	5398.72	497.78
TLFGLHLSQK	P31939	3	5323.70	381.89
TLHPAVHAGILAR	P31939	3	2857.14	452.60
TLHPAVHAGILAR	P31939	2	2849.73	678.40
TLTPISAAYAR	P31939	2	4924.91	582.32
TVASPGVTVEEAVEQIDIGGVTLRL	P31939	2	12497.68	1277.19
VVAC(Methylthio)NLYPFVK	P31939	2	9314.53	649.84
YGM(Oxidation)NPHQTPAQLYT...	P31939	3	4531.34	701.68
YGMNPHQTPAQLYTLQPK	P31939	3	5581.15	696.35
YTQSNSVC(Methylthio)YAK	P31939	2	3063.91	655.28
AFSDPFVEAEK	P34932	2	6454.61	620.30
AGGIETIANEYS DR	P34932	2	5849.11	748.35
C(Methylthio)TPAC(Methylt...	P34932	2	7438.50	608.25
EFSDTDVVPYPI SLR	P34932	2	11816.10	868.47
ELSTTLNADEAVTR	P34932	2	5198.27	760.38
FDEVLVNHFC(Methylthio)EEF...	P34932	3	10386.51	620.28
FFGKELSTTLNADEAVTR	P34932	3	6859.29	667.01
FLEMC(Methylthio)NDLLAR	P34932	2	11055.08	685.82
FQSEERP KLFEE LGK	P34932	4	5233.77	492.25
IKELTSTC(Methylthio)SPIIS...	P34932	4	3648.77	504.79
KEPFTLEAYYSSPQDLPYPDP AIAQ...	P34932	3	10515.90	1143.90
LFEELGK	P34932	2	4953.88	418.23
LKETAESVLK	P34932	2	2365.42	559.33
LMNETTAV ALAYGIYKQDLP ALEEK...	P34932	4	10383.19	759.41
NAVEEYVYEM(Oxidation)R	P34932	2	5247.04	709.82
NAVEEYVYEMR	P34932	2	6999.67	701.82
NKEDQYDHLDAADMTK	P34932	3	3340.65	631.95
NKEDQYDHLDAADMTKVEK	P34932	4	3694.05	563.26
SNLAYDIVQLPTGLTG I K	P34932	2	10857.13	952.03
SVM(Oxidation)DATQIAGLNC(...	P34932	2	8793.51	827.39
VREFSITDVVPYPI SLR	P34932	3	10028.64	664.37
WNSPAEEGSSDC(Methylthio)E...	P34932	2	7455.46	959.38
KEELLKQLDDLKVELS QL R	P42766	4	9408.30	575.08
KKEELLKQLDDLKVELS QL R	P42766	4	8398.95	607.11

KYKPLDLRPK	P42766	3	1983.58	419.93
KYKPLDLRPK	P42766	2	1977.58	629.39
VLTVINQTQK	P42766	2	3202.67	572.34
VLTVINQTQKENLR	P42766	2	3598.19	828.48
VLTVINQTQKENLR	P42766	3	3607.01	552.65
VLTVINQTQKENLRK	P42766	3	2632.91	595.35
VLTVINQTQKENLRK	P42766	4	2642.46	446.76
YKPLDLRPK	P42766	3	2467.57	377.23
YKPLDLRPK	P42766	2	2470.30	565.34
ALGLGVEQLPVPVFEDVVLHQATILP...	P49327	3	12787.72	929.20
DTVTISGPQAPVFEFVEQLRK	P49327	3	11164.71	787.75
LHLSGIDANPNALFPPVEFPAPR	P49327	3	10323.42	824.77
LSIPTYGLQC(Methylthio)TR	P49327	2	8402.01	699.35
SLYQSAGVAPESFEYIEAHGTGTK	P49327	3	7516.59	848.07
YSGTLNLDR	P49327	2	3715.14	519.76
AHEILPNLVC(Methylthio)C(M...	P50990	3	8030.58	530.58
AIADTGANVVVTGGK	P50990	2	4341.17	686.87
ALAENSGVKANEVISK	P50990	2	2949.69	815.45
APGFAQM(Oxidation)LK	P50990	2	3216.10	489.76
APGFAQMLK	P50990	2	5499.77	481.76
AVDDGVNTFK	P50990	2	3375.16	533.26
DIDEVSSLLR	P50990	2	8499.92	573.80
DM(Oxidation)LEAGILDTYLGK	P50990	2	10210.40	777.89
DMLEAGILDTYLGK	P50990	2	11342.47	769.89
EGAKHFSGLEEAVYR	P50990	3	3709.34	564.95
ELEVQHPAAK	P50990	2	1738.63	561.30
FAEAFEIPR	P50990	2	6761.63	575.80
GEENLMDAQVK	P50990	2	3994.29	617.29
GSTDNLM(Oxidation)DDIER	P50990	2	4065.62	691.30
GSTDNLMDDIER	P50990	2	6404.35	683.30
GSTDNLM(Oxidation)DDIERAV...	P50990	3	11102.28	810.04
GSTDNLMDDIERAVDDGVNTFK	P50990	3	12414.61	804.70
GSTDNLM(Oxidation)DDIERAV...	P50990	3	10923.65	810.04
HEKEDGAISTIVLR	P50990	3	3848.22	523.29
HFSGLEEAVYR	P50990	2	4456.90	654.32
IAVYSC(Methylthio)PFDGM(O...	P50990	2	9105.81	918.91
IAVYSC(Methylthio)PFDGMIT...	P50990	2	10355.71	910.92
IAVYSC(Methylthio)PFDGM(O...	P50990	3	9193.01	816.75
IGLSVSEVIEGYEIAC(Methylth...	P50990	2	12319.02	942.47
IGLSVSEVIEGYEIAC(Methylth...	P50990	3	10880.23	671.34
ILGSGISSSSVLHGM(Oxidation...	P50990	3	6641.91	612.33
ILGSGISSSSVLHGMVFK	P50990	3	7879.73	607.00
ILGSGISSSSVLHGM(Oxidation...	P50990	4	5282.09	491.52
KAHEILPNLVC(Methylthio)C(...	P50990	3	6683.04	573.29
KFAEAFEIPR	P50990	2	5299.80	639.85
LATNAAVTVLR	P50990	2	4858.28	564.84
LFVTNDAATILR	P50990	2	7771.62	667.38
LFVTNDAATILRELEVQHPAAK	P50990	4	9354.20	609.84
LIAQAC(Methylthio)VSIFPDS...	P50990	3	10399.00	821.40
LVPGGGATEIELAK	P50990	2	5643.63	677.88
MVINHLEK	P50990	2	2238.13	492.27
M(Oxidation)VINHLEK	P50990	2	1735.39	500.27
NIQAC(Methylthio)KELAQTTTR	P50990	2	4464.30	761.38
NIQAC(Methylthio)KELAQTTTR	P50990	3	4473.64	507.92
NLRDIDEVSSLLR	P50990	3	7752.87	510.61
NLRDIDEVSSLLR	P50990	2	7751.99	765.42

QITSYGETC(Methylthio)PGLE...	P50990	3	7149.47	725.69
RLVPGGGATEIELAK	P50990	3	4654.96	504.29
TAEELMNFSK	P50990	2	5464.72	585.28
TAEELM(Oxidation)NFSKGEEN...	P50990	3	5630.83	806.04
TVGATALPR	P50990	2	2714.07	443.26
VADM(Oxidation)ALHYANK	P50990	2	2178.04	624.81
YNIMLVR	P50990	2	5780.95	454.75
AASDIAM(Oxidation)TELPPTH...	P62258	3	4830.87	612.65
AASDIAMTELPPTHPIR	P62258	3	5834.49	607.32
AASDIAM(Oxidation)TELPPTH...	P62258	2	4820.97	918.47
EAAENSLVAYK	P62258	2	3745.63	597.80
HLIPAANTGESK	P62258	2	2089.51	619.33
IISIEQKEENKGGEDKLG	P62258	4	2208.95	537.04
IISIEQKEENKGGEDKLG	P62258	3	2204.39	715.72
LIC(Methylthio)C(Methylth...	P62258	4	12572.52	669.08
VAGM(Oxidation)DVELTVEER	P62258	2	5025.79	732.36
YLAEFATGNDRK	P62258	2	3177.99	692.85
YLAEFATGNDRK	P62258	3	3181.25	462.23
YLAEFATGNDRKEAAENSLVAYK	P62258	4	5674.94	640.82
YLAEFATGNDRKEAAENSLVAYK	P62258	3	5680.63	854.09

Table 4: Proteins of interest.