

Appendix B Table 4.4 Peptides identified from cPILOT experiment.

Sequence ^a	Acc. No. ^b	Protein Name	Modifications	# PSMs ^c	MH ⁺ [Da] ^d	Xcorr ^e
AAAIGWMPVANCPMPLA PADKNK	Q9Z0V1- 3	Isoform 3 of Potassium voltage-gated channel subfamily D member 3	M7(Oxidation); C12(iodoTMT6plex); M14(Oxidation); K21(Dimethyl); K23(Dimethyl)	1	2783.442	2.85
AADKDTCFSTEGPNLVTR	P07724	Serum albumin	N-Term(Dimethyl:2H(6)13C(2)); K4(HeavyDimethyl); C7(iodoTMT6plex)	29	2326.275	4.80
AADKDTCFSTEGPNLVTR	P07724	Serum albumin	N-Term(Dimethyl); K4(Dimethyl); C7(iodoTMT6plex)	14	2310.197	4.21
AAFGLSEAGFNTACLTK	Q8K2B3	Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C14(iodoTMT6plex); K17(HeavyDimethyl)	9	2102.209	3.67
AAFGLSEAGFNTACLTK	Q8K2B3	Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial	N-Term(Dimethyl); C14(iodoTMT6plex); K17(Dimethyl)	11	2086.122	3.84
AAHPKTVQEAALDSISSH VR	Q8VI93	2'-5'-oligoadenylate synthase 3	K5(HeavyDimethyl)	2	2153.197	2.54
AAKVATK	B2RQG2	PHD finger protein 3	K3(HeavyDimethyl); K7(HeavyDimethyl)	1	760.583	1.39
AAVEEGIVLGGGCALLR	P63038	60 kDa heat shock protein, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C13(iodoTMT6plex)	25	1993.184	4.68
AAVEEGIVLGGGCALLR	P63038	60 kDa heat shock protein, mitochondrial	N-Term(Dimethyl); C13(iodoTMT6plex)	7	1985.140	3.93
ACVDTALENLSTLK	P19096	Fatty acid synthase	N-Term(Dimethyl); C2(iodoTMT6plex); K14(Dimethyl)	6	1863.040	3.83
ACVDTALENLSTLK	P19096	Fatty acid synthase	N-Term(Dimethyl:2H(6)13C(2)); C2(iodoTMT6plex); K14(HeavyDimethyl)	7	1879.128	4.01
ADAYRALLLHIQYAYANS EISQVFATNLFK	Q5SWU3	Fidgetin-like protein 1 (Fragment)	N-Term(Dimethyl:2H(6)13C(2)); K30(HeavyDimethyl)	1	3502.946	2.40
ADMGGAATICSIVSAAK	Q9CPY7- 2	Isoform 2 of Cytosol aminopeptidase	N-Term(Dimethyl:2H(6)13C(2)); C10(iodoTMT6plex); K18(HeavyDimethyl)	3	2038.173	2.64
AESEEMETSQAGSK	Q61316	Heat shock 70 kDa protein 4	N-Term(Dimethyl:2H(6)13C(2)); K14(HeavyDimethyl)	1	1555.752	1.64
AFTTWTANAGIEECR	A2A848	Acyl-coenzyme A oxidase (Fragment)	N-Term(Dimethyl:2H(6)13C(2)); C14(iodoTMT6plex)	2	2035.064	2.75
AFTTWTANAGIEECR	A2A848	Acyl-coenzyme A oxidase (Fragment)	N-Term(Dimethyl); C14(iodoTMT6plex)	3	2027.021	3.05
AGAIAPCEVTVPAQNTGL GPEK	D3YVM5	60S acidic ribosomal protein P0 (Fragment)	N-Term(Dimethyl); C7(iodoTMT6plex); K22(Dimethyl)	10	2508.371	3.88

AGAIAPCEVTVPAQNTGL GPEK	D3YVM5	60S acidic ribosomal protein P0 (Fragment)	N-Term(Dimethyl:2H(6)13C(2)); C7(iodoTMT6plex); K22(HeavyDimethyl)	6	2524.445	4.10
AGASIVGVNCHFDPVSL QTVK	O35490	Betaine--homocysteine S- methyltransferase 1	N-Term(Dimethyl:2H(6)13C(2)); C10(iodoTMT6plex); K22(HeavyDimethyl)	71	2630.507	4.20
AGASIVGVNCHFDPVSL QTVK	O35490	Betaine--homocysteine S- methyltransferase 1	N-Term(Dimethyl); C10(iodoTMT6plex); K22(Dimethyl)	31	2614.417	4.21
AGESVLVHGASGGVGLA TCQIAR	D3YUG9	Quinone oxidoreductase (Fragment)	N-Term(Dimethyl:2H(6)13C(2)); C19(iodoTMT6plex)	4	2518.412	3.13
AGESVLVHGASGGVGLA TCQIAR	D3YUG9	Quinone oxidoreductase (Fragment)	N-Term(Dimethyl); C19(iodoTMT6plex)	1	2510.363	3.19
AGFAGDDAPR	F6WX90	Actin, alpha cardiac muscle 1 (Fragment)		2	976.445	2.21
AGTLDNIYATLVGTCGES PK	H3BJ21	Hydroperoxide isomerase ALOXE3	N-Term(Dimethyl); C15(iodoTMT6plex); K20(Dimethyl)	3	2395.257	2.86
AIAEELAPER	O35490	Betaine--homocysteine S- methyltransferase 1	N-Term(Dimethyl)	2	1126.606	3.07
AIAQSSVIFNPCLFGR	Q8VCC2	Liver carboxylesterase 1	N-Term(Dimethyl:2H(6)13C(2)); C12(iodoTMT6plex)	8	2088.204	3.78
AIAQSSVIFNPCLFGR	Q8VCC2	Liver carboxylesterase 1	N-Term(Dimethyl); C12(iodoTMT6plex)	7	2080.154	3.89
AIQIMYQNLQQDGLNVH LEQVR	Q9WVJ3- 2	Isoform 2 of Carboxypeptidase Q	M5(Oxidation)	1	2755.347	2.47
AISQTPGCVLLDVDAGPS TNR	Q91XD4	Formimidoyltransferase- cyclodeaminase	N-Term(Dimethyl:2H(6)13C(2)); C8(iodoTMT6plex)	18	2479.349	3.74
AISQTPGCVLLDVDAGPS TNR	Q91XD4	Formimidoyltransferase- cyclodeaminase	N-Term(Dimethyl); C8(iodoTMT6plex)	11	2471.311	4.81
AITIAGVPQSVTECVK	P60335	Poly(rC)-binding protein 1	N-Term(Dimethyl:2H(6)13C(2)); C14(iodoTMT6plex); K16(HeavyDimethyl)	18	2017.243	3.67
AITIAGVPQSVTECVK	P60335	Poly(rC)-binding protein 1	N-Term(Dimethyl); C14(iodoTMT6plex); K16(Dimethyl)	11	2001.153	3.30
AIVTTASLVPEVESVASEC PDLK	D3Z106	Acyl-coenzyme A synthetase ACSM1, mitochondrial (Fragment)	N-Term(Dimethyl:2H(6)13C(2)); C19(iodoTMT6plex); K23(HeavyDimethyl)	1	2759.576	3.15
AKVAPEEVSEVIFGHVLT AGCGQNPTR	F2Z459	Protein Acat3	N-Term(Dimethyl:2H(6)13C(2)); K2(HeavyDimethyl); C21(iodoTMT6plex)	9	3210.800	5.04
AKVAPEEVSEVIFGHVLT AGCGQNPTR	F2Z459	Protein Acat3	N-Term(Dimethyl); K2(Dimethyl); C21(iodoTMT6plex)	7	3194.712	5.80
ALAGCDFLTISPK	Q93092	Transaldolase	N-Term(Dimethyl:2H(6)13C(2)); C5(iodoTMT6plex); K13(HeavyDimethyl)	4	1737.074	3.64
ALALGGTCTGEHGIGLGR	Q7TNG8	Probable D-lactate dehydrogenase, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C8(iodoTMT6plex); K18(HeavyDimethyl)	1	2212.326	2.81

ALEDVCIETIEAGFMTK	O88844	Isocitrate dehydrogenase [NADP] cytoplasmic	N-Term(Dimethyl:2H(6)13C(2)); C6(iodoTMT6plex); M15(Oxidation); K17(HeavyDimethyl)	12	2287.261	4.65
ALEDVCIETIEAGFMTK	O88844	Isocitrate dehydrogenase [NADP] cytoplasmic	N-Term(Dimethyl); C6(iodoTMT6plex); M15(Oxidation); K17(Dimethyl)	12	2271.172	3.89
ALLALCGGED	F8WIT2	Annexin	N-Term(Dimethyl:2H(6)13C(2)); C6(iodoTMT6plex)	8	1326.765	2.81
ALLALCGGED	F8WIT2	Annexin	N-Term(Dimethyl); C6(iodoTMT6plex)	6	1318.722	2.70
ALLLLCGGEDD	P48036	Annexin A5	N-Term(Dimethyl:2H(6)13C(2)); C6(iodoTMT6plex)	10	1483.840	3.32
ALLLLCGGEDD	P48036	Annexin A5	N-Term(Dimethyl); C6(iodoTMT6plex)	7	1475.793	3.06
ALLYLCGGDD	B0V2N5	Annexin (Fragment)	N-Term(Dimethyl:2H(6)13C(2)); C6(iodoTMT6plex)	1	1404.775	2.26
ALLYLCGGDD	B0V2N5	Annexin (Fragment)	N-Term(Dimethyl); C6(iodoTMT6plex)	2	1396.730	2.38
ALMGLYNGQVLCK	Q8BMS1	Trifunctional enzyme subunit alpha, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C12(iodoTMT6plex); K13(HeavyDimethyl)	4	1811.105	2.88
AMTTFLSTLGAQCVIASR	Q9CQ62	2,4-dienoyl-CoA reductase, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C13(iodoTMT6plex)	11	2235.260	4.87
APSMEGTAGKVGNGSK	B7ZNS2	Disks large-associated protein 4	N-Term(Dimethyl); K10(Dimethyl); K17(Dimethyl)	2	1631.832	2.51
ASAHNK	Q8QZY9	Splicing factor 3B subunit 4	K6(Dimethyl)	12	655.346	1.74
ASSTANLIFEDCR	F6RAZ3	Short-chain-specific acyl-CoA dehydrogenase, mitochondrial (Fragment)	N-Term(Dimethyl:2H(6)13C(2)); C12(iodoTMT6plex)	4	1791.961	3.17
ATCIGNNSAAAVSMLK	E9PW69	Proteasome subunit alpha type (Fragment)	N-Term(Dimethyl:2H(6)13C(2)); C3(iodoTMT6plex); K16(HeavyDimethyl)	1	1952.144	3.07
ATFHTPFSQLGQSPEACSS	Q9WUR2	Isoform 2 of Enoyl-CoA delta isomerase 2, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C17(iodoTMT6plex); K24(HeavyDimethyl)	4	3032.586	4.31
YTFPK	2		N-Term(Dimethyl:2H(6)13C(2));			
AVCVLKGDPVQGTIHFE	P08228	Superoxide dismutase [Cu-Zn]	C3(iodoTMT6plex); K6(HeavyDimethyl); K20(HeavyDimethyl)	11	2563.548	3.40
QK						
AVCVLKGDPVQGTIHFE	P08228	Superoxide dismutase [Cu-Zn]	N-Term(Dimethyl); C3(iodoTMT6plex); K6(Dimethyl); K20(Dimethyl)	4	2539.426	3.70
QK						
AVIFEDCAVPVANR	D3YTT4	Isobutyryl-CoA dehydrogenase, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C7(iodoTMT6plex)	5	1869.057	2.78
AVIFEDCAVPVANR	D3YTT4	Isobutyryl-CoA dehydrogenase, mitochondrial	N-Term(Dimethyl); C7(iodoTMT6plex)	3	1861.013	2.97
AVLFCLSEDKK	P18760	Cofilin-1	N-Term(Dimethyl:2H(6)13C(2)); C5(iodoTMT6plex); K10(HeavyDimethyl); K11(HeavyDimethyl)	2	1690.113	2.85

AVTIATPATAAAPAAVSAA TTTSAQEPPAAPEPRK AYDIAGSTKDVKVFNLGN SLPVK	F6UK16	Serine/arginine repetitive matrix protein 1 (Fragment)	K35(Dimethyl)	1	3346.770	2.58
	Q01320	DNA topoisomerase 2-alpha	K9(Dimethyl); K12(Dimethyl); K23(Dimethyl)	1	2520.403	2.54
AYLMSQPLAYHTPDCGK	O35490	Betaine--homocysteine S- methyltransferase 1	N-Term(Dimethyl:2H(6)13C(2)); M4(Oxidation); C15(iodoTMT6plex);	19	2312.254	3.85
AYLMSQPLAYHTPDCGK	O35490	Betaine--homocysteine S- methyltransferase 1	N-Term(Dimethyl:2H(6)13C(2)); C15(iodoTMT6plex); K17(HeavyDimethyl)	64	2296.260	5.16
AYLMSQPLAYHTPDCGK	O35490	Betaine--homocysteine S- methyltransferase 1	N-Term(Dimethyl); C15(iodoTMT6plex); K17(Dimethyl)	9	2280.164	3.92
AYLMSQPLAYHTPDCGK	O35490	Betaine--homocysteine S- methyltransferase 1	N-Term(Dimethyl); M4(Oxidation); C15(iodoTMT6plex); K17(Dimethyl)	3	2296.160	3.27
AYSLVD	E9Q7X9	Ecotropic viral integration site 5 protein (Fragment)		3	667.328	1.34
CAVVDVPPGGAK	P26443	Glutamate dehydrogenase 1, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C1(iodoTMT6plex); K12(HeavyDimethyl)	25	1563.960	4.92
CAVVDVPPGGAK	P26443	Glutamate dehydrogenase 1, mitochondrial	N-Term(Dimethyl); C1(iodoTMT6plex); K12(Dimethyl)	10	1547.873	3.96
CEFLPFLSPR	Q8CHR6	Dihydropyrimidine dehydrogenase [NADP(+)]	N-Term(Dimethyl:2H(6)13C(2)); C1(iodoTMT6plex)	7	1573.915	2.95
CEFLPFLSPR	Q8CHR6	Dihydropyrimidine dehydrogenase [NADP(+)]	N-Term(Dimethyl); C1(iodoTMT6plex)	1	1565.863	2.86
CEFQDAYVLLSEK	P63038	60 kDa heat shock protein, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C1(iodoTMT6plex); K13(HeavyDimethyl)	1	1946.102	4.63
CEFQDAYVLLSEKK	P63038	60 kDa heat shock protein, mitochondrial	C1(iodoTMT6plex); N- Term(Dimethyl:2H(6)13C(2)); K13(HeavyDimethyl); K14(HeavyDimethyl)	14	2110.283	4.02
CEFQDAYVLLSEKK	P63038	60 kDa heat shock protein, mitochondrial	C1(iodoTMT6plex); N-Term(Dimethyl); K13(Dimethyl); K14(Dimethyl)	20	2086.143	4.60
CEMASTGEVACFGGEGEHT AFLK	Q8C196	Carbamoyl-phosphate synthase [ammonia], mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C1(iodoTMT6plex); M3(Oxidation); C11(iodoTMT6plex); K22(HeavyDimethyl)	16	3047.622	4.87
CEMASTGEVACFGGEGEHT AFLK	Q8C196	Carbamoyl-phosphate synthase [ammonia], mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C1(iodoTMT6plex); C11(iodoTMT6plex); K22(HeavyDimethyl)	32	3031.631	4.88
CEMASTGEVACFGGEGEHT AFLK	Q8C196	Carbamoyl-phosphate synthase [ammonia], mitochondrial	N-Term(Dimethyl); C1(iodoTMT6plex); M3(Oxidation); C11(iodoTMT6plex); K22(Dimethyl)	8	3031.536	3.91
CEMASTGEVACFGGEGEHT AFLK	Q8C196	Carbamoyl-phosphate synthase [ammonia], mitochondrial	N-Term(Dimethyl); C1(iodoTMT6plex); C11(iodoTMT6plex); K22(Dimethyl)	16	3015.552	3.67

CFYNSDGDFLIVPQKGK	O09173	Homogentisate 1,2-dioxygenase	C1(iodoTMT6plex); N-Term(Dimethyl:2H(6)13C(2)); K15(HeavyDimethyl); K17(HeavyDimethyl)	16	2368.386	4.89
CFYNSDGDFLIVPQKGK	O09173	Homogentisate 1,2-dioxygenase	C1(iodoTMT6plex); N-Term(Dimethyl); K15(Dimethyl); K17(Dimethyl)	16	2344.256	4.43
CGVEIISLK	D3Z041	Long-chain-fatty-acid--CoA ligase 1	N-Term(Dimethyl); C1(iodoTMT6plex); K9(Dimethyl)	1	1346.821	2.73
CHLCPFASAYERHLEAHM R	Q8BU00- 2	Isoform 2 of Zinc finger protein Pegasus	N-Term(Dimethyl); C1(iodoTMT6plex); C4(iodoTMT6plex)	2	2957.483	2.89
CILLSNLSNTSHAPK	P19096	Fatty acid synthase	N-Term(Dimethyl:2H(6)13C(2)); C1(iodoTMT6plex); K15(HeavyDimethyl)	1	1999.207	4.33
CLAPMMSEVMR	Q8BMS1	Trifunctional enzyme subunit alpha, mitochondrial	N-Term(Dimethyl); C1(iodoTMT6plex)	1	1624.824	2.67
CLAPMMSEVMR	Q8BMS1	Trifunctional enzyme subunit alpha, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C1(iodoTMT6plex)	4	1632.862	2.38
CLDAFPNLR	F6WHQ7	Glutathione S-transferase Mu 1 (Fragment)	N-Term(Dimethyl:2H(6)13C(2)); C1(iodoTMT6plex)	1	1413.821	2.63
CLDAFPNLR	F6WHQ7	Glutathione S-transferase Mu 1 (Fragment)	N-Term(Dimethyl); C1(iodoTMT6plex)	1	1405.778	2.83
CLGLTEAQTR	Q8C196	Carbamoyl-phosphate synthase [ammonia], mitochondrial	N-Term(Dimethyl); C1(iodoTMT6plex)	2	1448.804	2.59
CLGLTEAQTR	Q8C196	Carbamoyl-phosphate synthase [ammonia], mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C1(iodoTMT6plex)	1	1456.847	2.58
CLYASVLTAQPR	P58252	Elongation factor 2	N-Term(Dimethyl); C1(iodoTMT6plex)	1	1678.949	2.79
CNPVQGAMYSFPQIQLPL K	Q8QZR5	Alanine aminotransferase 1	C1(iodoTMT6plex); N-Term(Dimethyl:2H(6)13C(2)); M8(Oxidation); K19(HeavyDimethyl)	10	2551.446	4.77
CNPVQGAMYSFPQIQLPL K	Q8QZR5	Alanine aminotransferase 1	C1(iodoTMT6plex); N-Term(Dimethyl); M8(Oxidation); K19(Dimethyl)	7	2535.357	4.68
CQPPDAVVWPQNVDQVS R	Q7TNG8	Probable D-lactate dehydrogenase, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C1(iodoTMT6plex)	2	2403.274	3.76
CSAVLLPTTAYMLR	Q9DBA8	Probable imidazolonepropionase	N-Term(Dimethyl:2H(6)13C(2)); C1(iodoTMT6plex)	1	1904.112	2.41
CSGIASAAATAVEVAR	Q91X91	Nicotinate-nucleotide pyrophosphorylase [carboxylating]	N-Term(Dimethyl:2H(6)13C(2)); C1(iodoTMT6plex)	7	1842.049	4.34
CSGIASAAATAVEVAR	Q91X91	Nicotinate-nucleotide pyrophosphorylase [carboxylating]	N-Term(Dimethyl); C1(iodoTMT6plex)	4	1834.000	3.20

CSPDPGLTALLSDHR	Q91X72	Hemopexin	N-Term(Dimethyl:2H(6)13C(2)); C1(iodoTMT6plex)	9	1947.071	3.79
CSPDPGLTALLSDHR	Q91X72	Hemopexin	N-Term(Dimethyl); C1(iodoTMT6plex)	6	1939.021	3.80
CVGVGESDGSIWNPDGID PK	P26443	Glutamate dehydrogenase 1, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C1(iodoTMT6plex); K20(HeavyDimethyl)	2	2446.296	4.86
CVGVGESDGSIWNPDGID PK	P26443	Glutamate dehydrogenase 1, mitochondrial	N-Term(Dimethyl); C1(iodoTMT6plex); K20(Dimethyl)	3	2430.208	3.79
CVLTTVDPDTGIIDRKEPL ETLK	Q922Q1	Mitochondrial amidoxime reducing component 2	C1(iodoTMT6plex); N- Term(Dimethyl:2H(6)13C(2)); K16(HeavyDimethyl); K23(HeavyDimethyl)	1	2993.808	2.79
CVLTTVDPDTGIIDRKEPL ETLK	Q922Q1	Mitochondrial amidoxime reducing component 2	C1(iodoTMT6plex); N-Term(Dimethyl); K16(Dimethyl); K23(Dimethyl)	1	2969.674	3.18
CVVILPDSVR	Q91WT9- 2	Isoform 2 of Cystathionine beta- synthase	N-Term(Dimethyl); C1(iodoTMT6plex)	3	1457.868	2.81
CVVILPDSVR	Q91WT9- 2	Isoform 2 of Cystathionine beta- synthase	N-Term(Dimethyl:2H(6)13C(2)); C1(iodoTMT6plex)	4	1465.908	3.14
DASINPPMCLQDVER	Q63880-2	Isoform 2 of Carboxylesterase 3A	N-Term(Dimethyl:2H(6)13C(2)); C9(iodoTMT6plex)	4	2053.072	2.85
DCLIPMGITSENVAER	Q8VCH0	3-ketoacyl-CoA thiolase B, peroxisomal	N-Term(Dimethyl:2H(6)13C(2)); C2(iodoTMT6plex)	8	2113.141	2.93
DCLIPMGITSENVAER	Q8VCH0	3-ketoacyl-CoA thiolase B, peroxisomal	N-Term(Dimethyl); C2(iodoTMT6plex)	5	2105.092	3.11
DCPVPLPGDGDLLVR	Q8BGC4	Zinc-binding alcohol dehydrogenase domain-containing protein 2	N-Term(Dimethyl:2H(6)13C(2)); C2(iodoTMT6plex)	8	1931.095	2.98
DDKELQTNALVCVENSTD LASILIKDANR	A2ASS6- 2	Isoform 2 of Titin	K3(Dimethyl); C12(iodoTMT6plex); K25(Dimethyl)	1	3573.866	2.95
DFTPVCTTELGR	D3Z0Y2	Peroxioredoxin-6	N-Term(Dimethyl); C6(iodoTMT6plex)	2	1695.887	2.85
DGPMCMHDNQQGAPNY YPNSFSAPEQQR	P24270	Catalase	N-Term(Dimethyl:2H(6)13C(2)); C5(iodoTMT6plex)	1	3476.573	3.05
DGTSQPAMCLQPDIMNLE DAK	Q8QZR3- 2	Isoform 2 of Pyrethroid hydrolase Ces2a	N-Term(Dimethyl); C9(iodoTMT6plex); K21(Dimethyl)	1	2662.293	3.74
DHYGIMMYHK	F7BJB9	Protein Morc3	N-Term(Dimethyl:2H(6)13C(2)); M6(Oxidation); M7(Oxidation);	1	1398.724	2.55
DICQSFTNLSK	Q91X77-2	Isoform 2 of Cytochrome P450 2C50	N-Term(Dimethyl); C3(iodoTMT6plex); K11(Dimethyl)	1	1640.882	2.68
DICQSFTNLSR	Q6XVG2	Cytochrome P450 2C54	N-Term(Dimethyl:2H(6)13C(2)); C3(iodoTMT6plex)	6	1648.906	2.74
DICQSFTNLSR	Q6XVG2	Cytochrome P450 2C54	N-Term(Dimethyl); C3(iodoTMT6plex)	1	1640.882	2.75
DLSPDLLDNSAAK	Q99LJ0	CTTNBP2 N-terminal-like protein	K13(HeavyDimethyl)	1	1380.780	1.81

DLSSIDTLSDGDIRLLDV	Q8C6H0	Galectin	N-Term(Dimethyl:2H(6)13C(2))	1	2238.220	2.01
DLSSSPGPGYQEMYVFR	Q6PAM0	5'-AMP-activated protein kinase subunit beta-2	N-Term(Dimethyl:2H(6)13C(2)); M14(Oxidation)	1	2082.010	1.96
DMVSTADVSGSLDR	Q01098	Glutamate receptor ionotropic, NMDA 2C	N-Term(Dimethyl:2H(6)13C(2)); M2(Oxidation)	1	1504.754	1.79
DQPFATLDVTVHAGLLPS	Q3U6U5	Putative GTP-binding protein 6		2	2037.065	2.91
DRLNMDLDRASLDLMIR	F6YCH1	Wings apart-like protein homolog (Fragment)		1	2047.060	2.45
DRYKTILPNPQSR	Q8BUM3	Tyrosine-protein phosphatase non-receptor type 7	K4(HeavyDimethyl)	2	1623.922	2.50
DSDEVRSLSWKIDLTLSS	F8WJA7	AF4/FMR2 family member 3	K11(HeavyDimethyl)	1	2281.287	2.51
DVGGIVLANACGPCIGQW DRK	Q99KI0	Aconitate hydratase, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C11(iodoTMT6plex); C14(iodoTMT6plex); K21(HeavyDimethyl)	1	2902.666	2.87
DVGMADKSVASGGWQEP ENPHTQRMNK	Q8CBY8-2	Isoform 2 of Dynactin subunit 4	N-Term(Dimethyl:2H(6)13C(2)); K7(HeavyDimethyl); M25(Oxidation); K27(HeavyDimethyl)	1	3093.555	2.81
DVINAMK	A2ASU6	Olfactory receptor	K7(Dimethyl)	1	818.432	1.42
DVTCDLVVGCDGAYSTV R	Q3V0K6	Kynurenine 3-monooxygenase	N-Term(Dimethyl:2H(6)13C(2)); C4(iodoTMT6plex); C10(iodoTMT6plex)	3	2567.378	2.87
DVTDCLLIEMEKEK	Q05421	Cytochrome P450 2E1	N-Term(Dimethyl:2H(6)13C(2)); C5(iodoTMT6plex); K12(HeavyDimethyl); K14(HeavyDimethyl)	5	2103.260	4.47
DVTDCLLIEMEKEK	Q05421	Cytochrome P450 2E1	N-Term(Dimethyl); C5(iodoTMT6plex); K12(Dimethyl); K14(Dimethyl)	2	2079.124	3.52
DVVGRPPR	Q52KG5	Kinesin-like protein KIF26A		1	895.520	1.41
EAAVLRAER	A0JLY1	Coiled-coil domain-containing protein 173	N-Term(Dimethyl)	1	1042.589	2.05
EAIQKMPRHFAPQSLYNM MGEAYMR	Q56A06-2	Isoform 2 of Transmembrane and TPR repeat-containing protein 2	N-Term(Dimethyl); K5(Dimethyl); M19(Oxidation); M24(Oxidation)	11	3087.503	3.12
EAMSKALDPAMREVEED CSSK	L7N451	Interferon-induced very large GTPase 1	N-Term(Dimethyl:2H(6)13C(2)); M3(Oxidation); K5(HeavyDimethyl); M11(Oxidation); C18(iodoTMT6plex);	2	2795.511	3.14
EANLAAQAPR	P25233	Necdin	N-Term(Dimethyl)	8	1068.592	2.32
EAPGAPGQGR	A2A8S0	Zinc finger protein GLIS1 (Fragment)	N-Term(Dimethyl)	2	967.484	2.19
EAPTSELQMK	Q5D1E7	Ribonuclease ZC3H12A	N-Term(Dimethyl); M9(Oxidation); K10(Dimethyl)	2	1205.622	2.02
EASEVKPPR	F6ZC60	Lysine-specific histone demethylase 1A (Fragment)	N-Term(Dimethyl); K6(Dimethyl)	1	1068.592	2.11

EASGLSADSLAR	D3Z139	Epithelial-splicing regulatory protein 2 (Fragment)	N-Term(Dimethyl)	1	1204.620	2.06
EATEGTTVTLR	E9PU99	Obscurin	N-Term(Dimethyl)	1	1205.623	2.02
EATTEQQLR	O35490	Betaine--homocysteine S-methyltransferase 1		4	1075.534	2.28
EATTEQQLR	O35490	Betaine--homocysteine S-methyltransferase 1	N-Term(Dimethyl)	3	1103.568	3.06
ECDVLPDDTVSTLYNR	Q8R0Y6	Cytosolic 10-formyltetrahydrofolate dehydrogenase	N-Term(Dimethyl:2H(6)13C(2)); C2(iodoTMT6plex)	12	2205.137	4.22
ECDVLPDDTVSTLYNR	Q8R0Y6	Cytosolic 10-formyltetrahydrofolate dehydrogenase	N-Term(Dimethyl); C2(iodoTMT6plex)	4	2197.090	3.74
EDDCEEPAEEMQLASK	S4R1L5	Baculoviral IAP repeat-containing protein 6	N-Term(Dimethyl); C4(iodoTMT6plex); K16(Dimethyl)	1	2208.990	2.79
EEVERLVKEVAEEYTDR	Q9EP84	G protein-coupled receptor kinase 6	K8(Dimethyl)	1	2122.036	2.40
EFGASECISPQDFSK	P28474	Alcohol dehydrogenase class-3	N-Term(Dimethyl:2H(6)13C(2)); C7(iodoTMT6plex); K15(HeavyDimethyl)	8	2046.095	3.98
EFGASECISPQDFSK	P28474	Alcohol dehydrogenase class-3	N-Term(Dimethyl); C7(iodoTMT6plex); K15(Dimethyl)	3	2030.009	3.07
EFLRQYRVGTDR	P49718	DNA replication licensing factor MCM5	N-Term(Dimethyl:2H(6)13C(2))	1	1575.894	2.22
EGLALINGTQMITSLGCEALER	P35492	Histidine ammonia-lyase	N-Term(Dimethyl:2H(6)13C(2)); M11(Oxidation); C17(iodoTMT6plex)	2	2700.458	2.73
EIEHVMNVGNQNR	Q61771	Kinesin-like protein KIF3B	N-Term(Dimethyl:2H(6)13C(2))	1	1575.786	2.36
EIIAVSCGPSQCQETIR	Q9DCW4	Electron transfer flavoprotein subunit beta	N-Term(Dimethyl); C7(iodoTMT6plex); C12(iodoTMT6plex)	9	2520.360	4.04
EIIAVSCGPSQCQETIR	Q9DCW4	Electron transfer flavoprotein subunit beta	N-Term(Dimethyl:2H(6)13C(2)); C7(iodoTMT6plex); C12(iodoTMT6plex)	1	2528.403	2.70
EKFDMKTLTIDAIQFQR	P52825	Carnitine O-palmitoyltransferase 2, mitochondrial	K2(HeavyDimethyl); M7(Oxidation); K8(HeavyDimethyl)	1	2344.289	2.34
EKRPRGTMQAINNEK	P34968	5-hydroxytryptamine receptor 2C	K2(HeavyDimethyl); M8(Oxidation); K15(HeavyDimethyl)	2	1860.049	2.62
ELADNWIGPYEQVQL	Q9CWV7	Zinc finger SWIM domain-containing protein 1		1	1774.875	2.42
ELAQQVQQVAAEYCR	S4R1I6	MCG2872, isoform CRA_b	N-Term(Dimethyl:2H(6)13C(2)); C14(iodoTMT6plex)	1	2101.146	2.72
ELCALQKAVELDKAETDGAERPR	P42582	Homeobox protein Nkx-2.5	C3(iodoTMT6plex); K7(HeavyDimethyl); K13(HeavyDimethyl)	2	2943.641	2.99

ELGSPPGISLETIDAAFSCP GSSR	Q91X72	Hemopexin	N-Term(Dimethyl:2H(6)13C(2)); C19(iodoTMT6plex)	2	2756.445	2.77
ELLHLGCNVVIASR	D6RHN4	Peroxisomal trans-2-enoyl-CoA reductase	N-Term(Dimethyl:2H(6)13C(2)); C7(iodoTMT6plex)	3	1889.132	2.78
ELNIKIDSALQAYKIALES LGHCEYAMK	Q8C5X1	Protein 4931406P16Rik	K5(Dimethyl); K14(Dimethyl); C23(iodoTMT6plex); K28(Dimethyl)	1	3564.944	2.75
ELSSPVTFPDGR	O35728	Cytochrome P450 4A14		1	1304.639	1.94
EPSSTVNTEVYPKNSTLRT YHQK	Q9ERB0	Synaptosomal-associated protein 29	K13(HeavyDimethyl); K23(HeavyDimethyl)	1	2751.464	2.35
EQASEYQILISASDGGSP LSTR	Q91Y10	Protein Pcdha9	N-Term(Dimethyl:2H(6)13C(2))	1	2442.289	2.66
EQMAGALR	Q8BX02- 2	Isoform 2 of KN motif and ankyrin repeat domain-containing protein 2	M3(Oxidation)	4	891.435	1.89
EQYSVSITESSAVIPVSGIT VVKAEDFTPVFM	F6TZV3	Grainyhead-like protein 2 homolog (Fragment)	N-Term(Dimethyl:2H(6)13C(2)); K23(HeavyDimethyl)	1	3502.925	2.58
ESNRIAR	O88561-2	Isoform 2 of Long-chain fatty acid transport protein 3		2	845.457	1.79
ESPLSLYNEELVSMNVQG DYEPIDATGFININSLR	J3QNG0	MCG15755		12	3927.890	6.51
ESSRSTDR	Q9QUG2- 2	Isoform 2 of DNA polymerase kappa	N-Term(Dimethyl)	2	965.467	1.57
ESYAFDGSQPPEEFGFSFS PRGGMR	O35387	HCLS1-associated protein X-1	N-Term(Dimethyl:2H(6)13C(2))	1	2818.270	2.41
ETACTTGVLQTLTLFK	Q9Z2W0	Aspartyl aminopeptidase	N-Term(Dimethyl:2H(6)13C(2)); C4(iodoTMT6plex); K16(HeavyDimethyl)	2	2127.283	4.58
ETALQKLQR	P60853	Leucine zipper putative tumor suppressor 1	N-Term(Dimethyl); K6(Dimethyl)	1	1142.697	2.02
ETECTYFSTPLLLGK	P08249	Malate dehydrogenase, mitochondrial	N-Term(Dimethyl); C4(iodoTMT6plex); K15(Dimethyl)	10	2087.124	3.69
ETECTYFSTPLLLGK	P08249	Malate dehydrogenase, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C4(iodoTMT6plex); K15(HeavyDimethyl)	1	2103.211	3.36
ETECTYFSTPLLLGKK	P08249	Malate dehydrogenase, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C4(iodoTMT6plex); K15(HeavyDimethyl); K16(HeavyDimethyl)	10	2267.389	4.16
ETECTYFSTPLLLGKK	P08249	Malate dehydrogenase, mitochondrial	N-Term(Dimethyl); C4(iodoTMT6plex); K15(Dimethyl); K16(Dimethyl)	10	2243.256	4.18
EVAELAECIGSGLIQK	D3Z041 1	Long-chain-fatty-acid--CoA ligase 1	N-Term(Dimethyl:2H(6)13C(2)); C8(iodoTMT6plex); K16(HeavyDimethyl)	11	2061.236	3.55

EVAELAECIGSGLIQK	D3Z041	Long-chain-fatty-acid--CoA ligase 1	N-Term(Dimethyl); C8(iodoTMT6plex); K16(Dimethyl)	3	2045.145	3.03
EVGSDLK	Q8BZ36-2	Isoform 2 of RAD50-interacting protein 1	K7(Dimethyl)	1	775.419	1.45
EVITANR	A2ARV5	Low-density lipoprotein receptor-related protein 2		2	802.443	1.50
EVTPVELPNCNLVK	H3BLB8	Paraoxonase 1, isoform CRA_c	N-Term(Dimethyl:2H(6)13C(2)); C10(iodoTMT6plex); K14(HeavyDimethyl)	2	1956.188	2.89
FELGKLMELHGEGGSSGK	D3Z7W7	40S ribosomal protein S3a	N-Term(Dimethyl:2H(6)13C(2)); K5(HeavyDimethyl); M7(Oxidation); K18(HeavyDimethyl)	3	2000.140	2.38
FELTCYSLAPQIK	J3QNG0	MCG15755	N-Term(Dimethyl:2H(6)13C(2)); C5(iodoTMT6plex); K13(HeavyDimethyl)	39	1914.154	4.75
FELTCYSLAPQIK	J3QNG0	MCG15755	N-Term(Dimethyl); C5(iodoTMT6plex); K13(Dimethyl)	23	1898.066	3.81
FESSFSHKPSLFNK	D3Z061	Ubiquitin-like modifier-activating enzyme 6	K8(Dimethyl); K14(Dimethyl)	1	1710.866	2.42
FGLEGCEVLIPALK	Q60597-2	Isoform 2 of 2-oxoglutarate dehydrogenase, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C6(iodoTMT6plex); K14(HeavyDimethyl)	2	1890.186	2.66
FLGLSLTK	P54987	Cis-aconitate decarboxylase	N-Term(Dimethyl:2H(6)13C(2)); K8(HeavyDimethyl)	1	950.696	1.52
FLHDPSATQGFVGCALSS NIQR	G3UYY2	Selenium-binding protein 2	C14(iodoTMT6plex)	10	2677.373	4.43
FLHDPSATQGFVGCALSS NIQR	G3UYY2	Selenium-binding protein 2	N-Term(Dimethyl:2H(6)13C(2)); C14(iodoTMT6plex)	39	2713.436	6.77
FLHDPSATQGFVGCALSS NIQR	G3UYY2	Selenium-binding protein 2	N-Term(Dimethyl); C14(iodoTMT6plex)	19	2705.393	6.18
FLSCYDPINIQFTSGTTGN PK	Q8VCW8	Acyl-CoA synthetase family member 2, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C4(iodoTMT6plex); K21(HeavyDimethyl)	9	2704.475	6.21
FLSCYDPINIQFTSGTTGN PK	Q8VCW8	Acyl-CoA synthetase family member 2, mitochondrial	N-Term(Dimethyl); C4(iodoTMT6plex); K21(Dimethyl)	4	2688.381	5.53
FSPNSSNPIIVSCGWDK	P68040	Guanine nucleotide-binding protein subunit beta-2-like 1	N-Term(Dimethyl:2H(6)13C(2)); C13(iodoTMT6plex); K17(HeavyDimethyl)	1	2252.250	2.88
FTRGDDILLSPCFQR	P58710	L-gulonolactone oxidase	N-Term(Dimethyl:2H(6)13C(2)); C12(iodoTMT6plex)	1	2133.179	2.71
FTRGDDILLSPCFQR	P58710	L-gulonolactone oxidase	N-Term(Dimethyl); C12(iodoTMT6plex)	1	2125.138	3.04
FVDRMQESR	Q9EQW4	Cytochrome P450, CYP3A	M5(Oxidation)	1	1183.548	1.69
GALVTVGQLSCYDQAK	Q9QZD8	Mitochondrial dicarboxylate carrier	N-Term(Dimethyl:2H(6)13C(2)); C11(iodoTMT6plex); K16(HeavyDimethyl)	9	2054.203	3.00

GALVTVGQLSCYDQAK	Q9QZD8	Mitochondrial dicarboxylate carrier	N-Term(Dimethyl); C11(iodoTMT6plex); K16(Dimethyl)	2	2038.121	2.71
GAMITHQNIINDCSGFIK	D3Z041	Long-chain-fatty-acid--CoA ligase 1	N-Term(Dimethyl:2H(6)13C(2)); M3(Oxidation); C13(iodoTMT6plex);	12	2379.319	4.00
GAMITHQNIINDCSGFIK	D3Z041	Long-chain-fatty-acid--CoA ligase 1	N-Term(Dimethyl); M3(Oxidation); C13(iodoTMT6plex); K18(Dimethyl)	3	2363.239	3.50
GAMITHQNIINDCSGFIK	D3Z041	Long-chain-fatty-acid--CoA ligase 1	N-Term(Dimethyl:2H(6)13C(2)); C13(iodoTMT6plex); K18(HeavyDimethyl)	2	2363.328	2.96
GAQEVFNELPCEYVEPHELR	Q99K67	Alpha-aminoadipic semialdehyde synthase, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C11(iodoTMT6plex)	1	2724.404	2.94
GAQVIENCAVTGIR	Q99LB7	Sarcosine dehydrogenase, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C8(iodoTMT6plex)	25	1796.044	3.41
GAQVIENCAVTGIR	Q99LB7	Sarcosine dehydrogenase, mitochondrial	N-Term(Dimethyl); C8(iodoTMT6plex)	10	1787.993	3.22
GCDVVVIPAGVPR	P08249	Malate dehydrogenase, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C2(iodoTMT6plex)	9	1647.000	3.21
GCDVVVIPAGVPR	P08249	Malate dehydrogenase, mitochondrial	N-Term(Dimethyl); C2(iodoTMT6plex)	5	1638.950	3.40
GCLELIKEAGVQIAGR	Q922D8	C-1-tetrahydrofolate synthase, cytoplasmic	N-Term(Dimethyl:2H(6)13C(2)); C2(iodoTMT6plex); K7(HeavyDimethyl)	3	2058.283	4.38
GCLELIKEAGVQIAGR	Q922D8	C-1-tetrahydrofolate synthase, cytoplasmic	N-Term(Dimethyl); C2(iodoTMT6plex); K7(Dimethyl)	1	2042.189	2.91
GCLHMDPAERLTCEQLLQHPYFDSIREVGELTR	Q8CEQ0	Cyclin-dependent kinase-like 1	C2(iodoTMT6plex); C13(iodoTMT6plex)	2	4515.281	2.63
GDDILLSPCFQR	P58710	L-gulonolactone oxidase	N-Term(Dimethyl:2H(6)13C(2)); C9(iodoTMT6plex)	6	1728.964	2.75
GDFCIQVGR	Q5NC80	Nucleoside diphosphate kinase (Fragment)	N-Term(Dimethyl:2H(6)13C(2)); C4(iodoTMT6plex)	1	1359.775	2.58
GECYGLHAFVVPIR	A2A848	Acyl-coenzyme A oxidase (Fragment)	N-Term(Dimethyl:2H(6)13C(2)); C3(iodoTMT6plex)	13	1926.102	4.39
GECYGLHAFVVPIR	A2A848	Acyl-coenzyme A oxidase (Fragment)	N-Term(Dimethyl); C3(iodoTMT6plex)	4	1918.058	3.45
GEVGLLVCK	A2ANX6	Very long-chain acyl-CoA synthetase	N-Term(Dimethyl:2H(6)13C(2)); C8(iodoTMT6plex); K9(HeavyDimethyl)	4	1318.884	2.55
GEVITTYCPANNEPIAR	G3UYR8	Alpha-aminoadipic semialdehyde dehydrogenase	N-Term(Dimethyl:2H(6)13C(2)); C8(iodoTMT6plex)	14	2213.197	4.19
GEVITTYCPANNEPIAR	G3UYR8	Alpha-aminoadipic semialdehyde dehydrogenase	N-Term(Dimethyl); C8(iodoTMT6plex)	13	2205.145	3.96
GEVPCTVTTASPLDDAVLSELK	Q9DB20	ATP synthase subunit O, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C5(iodoTMT6plex); K22(HeavyDimethyl)	8	2646.491	5.30

GEVPCTVTTASPLDDAVL SELK	Q9DB20	ATP synthase subunit O, mitochondrial	N-Term(Dimethyl); C5(iodoTMT6plex); K22(Dimethyl)	11	2630.417	4.89
GFDERHAYIGGMFGAGIY FAENSSK	Q6PFX9- 2	Isoform 2 of Tankyrase-1	M12(Oxidation); K25(HeavyDimethyl)	1	2776.360	2.80
GFERFGPDNMGRK	Q9DBR0	A-kinase anchor protein 8	K13(Dimethyl)	1	1538.766	1.49
GFGFPQGAFVTETCMSAV AAK	G3X982	Aldehyde oxidase 3	N-Term(Dimethyl:2H(6)13C(2)); C14(iodoTMT6plex); K21(HeavyDimethyl)	1	2520.372	2.48
GFGHIGIAVPDVYSACK	Q9CPU0	Lactoylglutathione lyase	N-Term(Dimethyl:2H(6)13C(2)); C16(iodoTMT6plex); K17(HeavyDimethyl)	8	2135.241	2.95
GGKPEPPAMPQPVPPTA	P62908	40S ribosomal protein S3	K3(HeavyDimethyl); M9(Oxidation)	1	1625.889	2.55
GGNASNSCTVLSLLGAR	D3YVB6	Ketohexokinase (Fragment)	N-Term(Dimethyl:2H(6)13C(2)); C8(iodoTMT6plex)	28	1985.110	4.98
GGNASNSCTVLSLLGAR	D3YVB6	Ketohexokinase (Fragment)	N-Term(Dimethyl); C8(iodoTMT6plex)	13	1977.066	3.97
GGSVQVLEDQELTCQPEP LVVK	G3UYY2	Selenium-binding protein 2	N-Term(Dimethyl:2H(6)13C(2)); C14(iodoTMT6plex); K22(HeavyDimethyl)	2	2769.573	5.59
GGSVQVLEDQELTCQPEP LVVKGK	G3UYY2	Selenium-binding protein 2	N-Term(Dimethyl:2H(6)13C(2)); C14(iodoTMT6plex); K22(HeavyDimethyl); K24(HeavyDimethyl)	8	2990.765	5.98
GGSVQVLEDQELTCQPEP LVVKGK	G3UYY2	Selenium-binding protein 2	N-Term(Dimethyl); C14(iodoTMT6plex); K22(Dimethyl); K24(Dimethyl)	17	2966.645	5.78
GGVCIADDEVQTGFGR	Q3UEG6	Alanine--glyoxylate aminotransferase 2, mitochondrial	N-Term(Dimethyl); C4(iodoTMT6plex)	1	1865.965	2.65
GGVCIADDEVQTGFGR	Q3UEG6	Alanine--glyoxylate aminotransferase 2, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C4(iodoTMT6plex)	1	1874.011	2.80
GLAVSDNGPCLGYR	Q8JZR0	Long-chain-fatty-acid--CoA ligase 5	N-Term(Dimethyl:2H(6)13C(2)); C10(iodoTMT6plex)	1	1786.985	2.54
GLLGCNIIPLQR	Q9CR00	26S proteasome non-ATPase regulatory subunit 9	N-Term(Dimethyl); C5(iodoTMT6plex)	2	1654.004	3.01
GLQGSFEELCR	D3Z041	Long-chain-fatty-acid--CoA ligase 1	N-Term(Dimethyl:2H(6)13C(2)); C10(iodoTMT6plex)	4	1603.877	2.54
GNDQVRFELTCYSLAPQI K	J3QNG0	MCG15755	N-Term(Dimethyl:2H(6)13C(2)); C11(iodoTMT6plex); K19(HeavyDimethyl)	13	2583.468	3.63
GNDQVRFELTCYSLAPQI K	J3QNG0	MCG15755	N-Term(Dimethyl); C11(iodoTMT6plex); K19(Dimethyl)	1	2567.377	2.90
GNDVLVIECNLR	Q8C196	Carbamoyl-phosphate synthase [ammonia], mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C9(iodoTMT6plex)	39	1709.994	3.36
GNDVLVIECNLR	Q8C196	Carbamoyl-phosphate synthase [ammonia], mitochondrial	N-Term(Dimethyl); C9(iodoTMT6plex)	15	1701.952	3.99

GNVVAEKISGQKVNEAAC DIAR	O35490	Betaine--homocysteine S- methyltransferase 1	N-Term(Dimethyl:2H(6)13C(2)); K7(HeavyDimethyl); K12(HeavyDimethyl); C18(iodoTMT6plex)	6	2773.620	3.15
GNVVAEKISGQKVNEAAC DIAR	O35490	Betaine--homocysteine S- methyltransferase 1	N-Term(Dimethyl); K7(Dimethyl); K12(Dimethyl); C18(iodoTMT6plex)	5	2749.475	3.40
GQNNPQVCPYNLYAEQLS GSAFTCP	O09173	Homogentisate 1,2-dioxygenase	N-Term(Dimethyl:2H(6)13C(2)); C8(iodoTMT6plex); C24(iodoTMT6plex)	7	3551.819	4.59
GQNNPQVCPYNLYAEQLS GSAFTCP	O09173	Homogentisate 1,2-dioxygenase	N-Term(Dimethyl); C8(iodoTMT6plex); C24(iodoTMT6plex)	3	3543.777	3.11
GQNQPVLNITNR	Q8C196	Carbamoyl-phosphate synthase [ammonia], mitochondrial		2	1353.717	2.48
GRPMAAAREGPAAPAAA AR	Q6X7S9	EP300-interacting inhibitor of differentiation 2	M4(Oxidation)	1	1807.937	2.16
GTFASLSELHCDK	E9Q223	Protein Hbb-bs (Fragment)	N-Term(Dimethyl:2H(6)13C(2)); C11(iodoTMT6plex); K13(HeavyDimethyl)	17	1809.029	3.60
GTFASLSELHCDK	E9Q223	Protein Hbb-bs (Fragment)	N-Term(Dimethyl); C11(iodoTMT6plex); K13(Dimethyl)	4	1792.939	3.51
GTFCSFDTPDEAIR	P61922-2	Isoform 2 of 4-aminobutyrate aminotransferase, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C4(iodoTMT6plex)	9	1923.979	3.28
GTFCSFDTPDEAIR	P61922-2	Isoform 2 of 4-aminobutyrate aminotransferase, mitochondrial	N-Term(Dimethyl); C4(iodoTMT6plex)	8	1915.934	3.40
GTGYGYANVTIGKQLSHS SDLYDAAR	Q3U1D9	UPF0602 protein C4orf47 homolog	K13(HeavyDimethyl)	9	2780.434	2.92
GVAVLCTE	Q9JHU4	Cytoplasmic dynein 1 heavy chain 1	N-Term(Dimethyl:2H(6)13C(2)); C6(iodoTMT6plex)	7	1156.693	2.82
GVAVLCTE	Q9JHU4	Cytoplasmic dynein 1 heavy chain 1	N-Term(Dimethyl); C6(iodoTMT6plex)	6	1148.649	2.50
GVLFGVPGAFTPGCSK	P99029-2	Isoform Cytoplasmic+peroxisomal of Peroxiredoxin-5, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C14(iodoTMT6plex); K16(HeavyDimethyl)	11	1938.166	2.96
GVNEDTYSGLDCAR	E9Q6M6	Mitochondrial glutamate carrier 1	N-Term(Dimethyl:2H(6)13C(2)); C13(iodoTMT6plex)	1	2012.007	2.53
GWLLPTSFFPSPSNATK	M0QWV4	Protein Gm26661	K17(Dimethyl)	5	1877.992	2.70
GYGCAGVSSVAYGLLTR	Q60759	Glutaryl-CoA dehydrogenase, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C4(iodoTMT6plex)	14	2039.134	4.64
GYGCAGVSSVAYGLLTR	Q60759	Glutaryl-CoA dehydrogenase, mitochondrial	N-Term(Dimethyl); C4(iodoTMT6plex)	13	2031.091	4.90
GYLGPEQLPDCLK	P08249	Malate dehydrogenase, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C11(iodoTMT6plex); K13(HeavyDimethyl)	7	1834.086	3.46

GYLGPEQLPDCLK HEGIQAVSYPTQSLVIANG GLGNGVSR	P08249 Q80Y20-3	Malate dehydrogenase, mitochondrial Isoform 3 of Alkylated DNA repair protein alkB homolog 8	N-Term(Dimethyl); C11(iodoTMT6plex); K13(Dimethyl)	5	1818.002	2.91
HEVTTEIVSLEVR	Q5DQR4- 5	Isoform 5 of Syntaxin-binding protein 5-like	N-Term(Dimethyl:2H(6)13C(2))	3	1547.873	2.50
HISPGELSKQKK HRLATMPPMVEGEGLASR LIEVGPSGAQFLGPVIVEIP HFAALR	A2AEP2	Cyclin B3	N-Term(Dimethyl:2H(6)13C(2)); K9(HeavyDimethyl); K11(HeavyDimethyl); K12(HeavyDimethyl)	1	1496.059	1.44
HSEDGMNR IADQCPSSLAIQENANAL A R	S4R2R5 E9Q8J8	Ankyrin-2 (Fragment) Transcription factor ETV6	M9(Oxidation)	2	4679.483	2.82
IADQCPSSLAIQENANAL A R	Q91Y97	Fructose-bisphosphate aldolase B	N-Term(Dimethyl:2H(6)13C(2)); N-Term(Dimethyl:2H(6)13C(2)); C5(iodoTMT6plex)	82	2450.343	7.90
IADQCPSSLAIQENANAL A R	Q91Y97	Fructose-bisphosphate aldolase B	N-Term(Dimethyl); C5(iodoTMT6plex)	78	2442.290	7.48
IAVIGAGASGLTCIK	P97872	Dimethylaniline monooxygenase [N-oxide-forming] 5	N-Term(Dimethyl:2H(6)13C(2)); C13(iodoTMT6plex); K15(HeavyDimethyl)	7	1775.150	3.37
IAVIGAGASGLTCIK	P97872	Dimethylaniline monooxygenase [N-oxide-forming] 5	N-Term(Dimethyl); C13(iodoTMT6plex); K15(Dimethyl)	1	1759.070	2.77
IDTPRPLVGR	Q9JLN9	Serine/threonine-protein kinase mTOR		1	1123.647	1.91
IEAREIQQRVVR IFYYIDSLSYTVDAFDYDL QTGQISNRR	Q8VCA6- 3	Isoform 3 of Transmembrane protein 161A	N-Term(Dimethyl:2H(6)13C(2))	1	1532.929	2.11
IGASTQAAQR	Q64374	Regucalcin		10	3363.608	4.28
IGFQLCNQNK IGGHGAEYGAELER	Q8VCT4 H3BKC4	Carboxylesterase 1D Amiloride-sensitive sodium channel subunit alpha (Fragment)	C6(iodoTMT6plex); K10(Dimethyl)	4	1521.836	2.50
IHQYFGDLCSQLLSR	P01942	Hemoglobin subunit alpha		20	1529.727	3.92
IHQYFGDLCSQLLSR	Q8JZZ0	UDP-glucuronosyltransferase 3A2	N-Term(Dimethyl:2H(6)13C(2)); C9(iodoTMT6plex)	4	2145.187	3.01
IHQYFGDLCSQLLSR	Q8JZZ0	UDP-glucuronosyltransferase 3A2	N-Term(Dimethyl); C9(iodoTMT6plex)	1	2137.140	2.76
IICRWDTVSNQVQR IENLHDVAYKKNALANPL YCPDYR	Q64374 Q9DB77	Regucalcin Cytochrome b-c1 complex subunit 2, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C3(iodoTMT6plex) N-Term(Dimethyl); K11(Dimethyl); C20(iodoTMT6plex)	5	2083.180	2.87
				1	3190.686	3.09

ILADSINSEVGILCHALQK	D3YZ73	Phenylalanine-4-hydroxylase	N-Term(Dimethyl:2H(6)13C(2)); C14(iodoTMT6plex); K19(HeavyDimethyl)	15	2425.458	4.90
ILADSINSEVGILCHALQK	D3YZ73	Phenylalanine-4-hydroxylase	N-Term(Dimethyl); C14(iodoTMT6plex); K19(Dimethyl)	2	2409.366	3.30
ILCGEGVDQLSLPLR	Q8BH00	Aldehyde dehydrogenase family 8 member A1	N-Term(Dimethyl:2H(6)13C(2)); C3(iodoTMT6plex)	4	1978.173	4.03
ILCGEGVDQLSLPLR	Q8BH00	Aldehyde dehydrogenase family 8 member A1	N-Term(Dimethyl); C3(iodoTMT6plex)	12	1970.122	4.21
ILPESSILFLCDLQEK	P85094	Isochorismatase domain- containing protein 2A, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C11(iodoTMT6plex); K16(HeavyDimethyl)	10	2249.359	3.02
IRSPGK	Q9QXX8	Nuclear fragile X mental retardation-interacting protein 1	K6(HeavyDimethyl)	3	693.486	1.44
ITISDCGQL	P17742	Peptidyl-prolyl cis-trans isomerase A	N-Term(Dimethyl:2H(6)13C(2)); C6(iodoTMT6plex)	2	1314.767	2.50
IVAVIGAVVDVQFDEGLP PILNALEVQGR	P56480	ATP synthase subunit beta, mitochondrial		2	3031.672	3.28
IVITDCGQLS	Q99KR7	Peptidyl-prolyl cis-trans isomerase F, mitochondrial	N-Term(Dimethyl); C6(iodoTMT6plex)	5	1405.788	2.51
IYVHSHWTVSGQK	Q499X9	Methionine--tRNA ligase, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); K13(HeavyDimethyl)	1	1613.951	2.09
KDLEQGVVGAHGLLCR	Q91Z53	Glyoxylate reductase/hydroxypyruvate reductase	N-Term(Dimethyl:2H(6)13C(2)); K1(HeavyDimethyl); C15(iodoTMT6plex)	2	2096.278	3.51
KEMNNLDK	J3QMC7	Protein S100a2	K1(Dimethyl); K8(Dimethyl)	1	1047.553	1.87
KHQILEQAVEDYAETVHQ LSKTSR	Q62261-2	Isoform 2 of Spectrin beta chain, non-erythrocytic 1	K1(Dimethyl); K21(Dimethyl)	1	2866.547	2.88
KIGAVGR	A2ANX6	Very long-chain acyl-CoA synthetase	K1(Dimethyl)	1	728.472	1.50
KKALEATGPGGPR	B1AXI9	5-azacytidine induced gene 1	K1(Dimethyl); K2(Dimethyl)	1	1337.805	1.57
KLVEQCSPFLPTPMGK	D3YZ54	2-hydroxyacyl-CoA lyase 1	N-Term(Dimethyl:2H(6)13C(2)); K1(HeavyDimethyl); C6(iodoTMT6plex); K17(HeavyDimethyl)	1	2325.453	2.63
KNWNHVVDAR	D3Z1Z9	Protein FAM60A (Fragment)	N-Term(Dimethyl); K1(Dimethyl)	3	1294.691	2.63
KVDFVSGLYTLCGAGDIK	O09173	Homogentisate 1,2-dioxygenase	N-Term(Dimethyl:2H(6)13C(2)); K1(HeavyDimethyl); C12(iodoTMT6plex); K18(HeavyDimethyl)	5	2323.417	3.22
LAAEGAAVAACDLDGAA AQDTVR	G3UX44	Estradiol 17-beta-dehydrogenase 8 (Fragment)	N-Term(Dimethyl:2H(6)13C(2)); C11(iodoTMT6plex)	6	2524.333	3.77

LAAEGAAVAACDLDGAA AQDTVR	G3UX44	Estradiol 17-beta-dehydrogenase 8 (Fragment)	N-Term(Dimethyl); C11(iodoTMT6plex)	3	2516.289	3.99
LACGVIGIAQ	P08228	Superoxide dismutase [Cu-Zn]	N-Term(Dimethyl:2H(6)13C(2)); C3(iodoTMT6plex)	24	1309.820	3.12
LACGVIGIAQ	P08228	Superoxide dismutase [Cu-Zn]	N-Term(Dimethyl); C3(iodoTMT6plex)	15	1301.780	2.91
LALVAAAALVLVASGLRSA YMLTDPYGSQARLGVR	Q6PE13	Proline-rich transmembrane protein 3		1	3502.943	2.86
LCNPPVNAISPTVITEVR	Q9DBM2	Peroxisomal bifunctional enzyme	N-Term(Dimethyl:2H(6)13C(2)); C2(iodoTMT6plex)	38	2288.331	5.50
LCNPPVNAISPTVITEVR	Q9DBM2	Peroxisomal bifunctional enzyme	N-Term(Dimethyl); C2(iodoTMT6plex)	19	2280.287	5.24
LFVEEAIHDEFVTRVVEEI KK	D3Z6B9	Mitochondrial 10- formyltetrahydrofolate dehydrogenase	N-Term(Dimethyl:2H(6)13C(2)); K20(HeavyDimethyl); K21(HeavyDimethyl)	1	2638.597	2.27
LGDVISIQPCPDVK	Q01853	Transitional endoplasmic reticulum ATPase	N-Term(Dimethyl); C10(iodoTMT6plex); K14(Dimethyl)	4	1869.070	2.97
LGIPAEKVNPLGGAIALGH PLGCTGAR	Q8VCH0	3-ketoacyl-CoA thiolase B, peroxisomal	N-Term(Dimethyl); K7(Dimethyl); C23(iodoTMT6plex)	6	2967.704	4.37
LGIPAEKVNPLGGAIALGH PLGCTGAR	Q8VCH0	3-ketoacyl-CoA thiolase B, peroxisomal	N-Term(Dimethyl:2H(6)13C(2)); K7(HeavyDimethyl); C23(iodoTMT6plex)	5	2983.784	3.54
LGPNYLQIPVNCYPYR	P24270	Catalase	N-Term(Dimethyl:2H(6)13C(2)); C12(iodoTMT6plex)	19	2112.207	3.11
LGPNYLQIPVNCYPYR	P24270	Catalase	N-Term(Dimethyl); C12(iodoTMT6plex)	6	2104.153	2.98
LIGPNCPGVINPGECK	Q9WUM5	Succinyl-CoA ligase [ADP/GDP- forming] subunit alpha, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C6(iodoTMT6plex); C15(iodoTMT6plex); K16(HeavyDimethyl)	2	2341.400	2.72
LKAYLMSQPLAYHTPDCG K	O35490	Betaine--homocysteine S- methyltransferase 1	N-Term(Dimethyl:2H(6)13C(2)); K2(HeavyDimethyl); M6(Oxidation); C17(iodoTMT6plex); K19(HeavyDimethyl)	5	2589.509	2.84
LKAYLMSQPLAYHTPDCG K	O35490	Betaine--homocysteine S- methyltransferase 1	N-Term(Dimethyl:2H(6)13C(2)); K2(HeavyDimethyl); C17(iodoTMT6plex); K19(HeavyDimethyl)	14	2573.506	3.92
LKAYLMSQPLAYHTPDCG K	O35490	Betaine--homocysteine S- methyltransferase 1	N-Term(Dimethyl); K2(Dimethyl); C17(iodoTMT6plex); K19(Dimethyl)	1	2549.373	2.85
LLCGGAAADRGYFIQPT VFGDVK	P47738	Aldehyde dehydrogenase, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C3(iodoTMT6plex); K24(HeavyDimethyl)	2	2856.610	2.49
LLCGGAAADRGYFIQPT VFGDVK	P47738	Aldehyde dehydrogenase, mitochondrial	N-Term(Dimethyl); C3(iodoTMT6plex); K24(Dimethyl)	2	2840.528	3.60
LLEETGICVVPGSGFGQR	Q8BGT5	Alanine aminotransferase 2	N-Term(Dimethyl:2H(6)13C(2)); C8(iodoTMT6plex)	3	2227.243	2.71

LLIIGDSGVGK	S4R1W7	Ras-related protein Rab-35	N-Term(Dimethyl:2H(6)13C(2)); K11(HeavyDimethyl)	2	1143.786	1.46
LLLGPCTPVQYR	P97872	Dimethylaniline monooxygenase [N-oxide-forming] 5	N-Term(Dimethyl:2H(6)13C(2)); C6(iodoTMT6plex)	2	1725.041	2.71
LLPASFCIFGPGEDQPLSP EASR	E9Q484	5-oxoprolinase (Fragment)	N-Term(Dimethyl:2H(6)13C(2)); C8(iodoTMT6plex)	4	2893.543	3.11
LLYECNPIAYVMEK	F6YS63	Fructose-1,6-bisphosphatase 1 (Fragment)	N-Term(Dimethyl:2H(6)13C(2)); C5(iodoTMT6plex); M12(Oxidation); K14(HeavyDimethyl)	11	2103.199	3.41
LLYECNPIAYVMEK	F6YS63	Fructose-1,6-bisphosphatase 1 (Fragment)	N-Term(Dimethyl:2H(6)13C(2)); C5(iodoTMT6plex); K14(HeavyDimethyl)	26	2087.197	4.25
LLYECNPIAYVMEK	F6YS63	Fructose-1,6-bisphosphatase 1 (Fragment)	N-Term(Dimethyl); C5(iodoTMT6plex); K14(Dimethyl)	13	2071.120	4.11
LLYECNPIAYVMEK	F6YS63	Fructose-1,6-bisphosphatase 1 (Fragment)	N-Term(Dimethyl); C5(iodoTMT6plex); M12(Oxidation); K14(Dimethyl)	2	2087.104	3.22
LNSCASPVSINVIEIFK	Q810Y9	PRAME16	N-Term(Dimethyl:2H(6)13C(2)); C4(iodoTMT6plex); K16(HeavyDimethyl)	1	2122.297	2.05
LQAMWLEAHYQEAELKLR	Q62233-2	Isoform SIX3A of Homeobox protein SIX3 Mitochondrial	M4(Oxidation); K15(HeavyDimethyl)	1	2168.154	2.75
LQTQPPSLSGQPPMYSGT LDCFRK	Q9Z2Z6	carnitine/acylcarnitine carrier protein Mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C21(iodoTMT6plex); K24(HeavyDimethyl)	5	3052.666	3.23
LQTQPPSLSGQPPMYSGT LDCFRK	Q9Z2Z6	carnitine/acylcarnitine carrier protein	N-Term(Dimethyl); C21(iodoTMT6plex); K24(Dimethyl)	1	3036.580	3.02
LSVLFYPWKPTSK	Q8K2I4	Beta-mannosidase	N-Term(Dimethyl:2H(6)13C(2)); K9(HeavyDimethyl); K13(HeavyDimethyl)	1	1674.121	1.70
LTESPCALVASQYGWSGN MER	F7C312	Endoplasmic (Fragment)	N-Term(Dimethyl:2H(6)13C(2)); C6(iodoTMT6plex); M19(Oxidation)	1	2680.345	5.26
LTESPCALVASQYGWSGN MER	F7C312	Endoplasmic (Fragment)	N-Term(Dimethyl); C6(iodoTMT6plex); M19(Oxidation)	1	2672.302	4.01
LTHPRATPVDPIDR	Q3URV1- 2	Isoform 2 of Protein broad-minded	N-Term(Dimethyl:2H(6)13C(2))	3	1623.918	2.33
LTLLEVCGGTGANFK	H3BJI7	Protein Mettl7a2Higd1c	N-Term(Dimethyl); C8(iodoTMT6plex); K15(Dimethyl)	1	1908.084	2.78
LTLLEVCGGTGANFK	H3BJI7	Protein Mettl7a2Higd1c	N-Term(Dimethyl:2H(6)13C(2)); C8(iodoTMT6plex); K15(HeavyDimethyl)	2	1924.163	2.93
LVEQCSLPLPTPMGK	D3YZ54	2-hydroxyacyl-CoA lyase 1	N-Term(Dimethyl:2H(6)13C(2)); C5(iodoTMT6plex); K16(HeavyDimethyl)	6	2161.293	2.90
MADEFFHAGK	Q8CI17	Protein mab-21-like 3	N-Term(Dimethyl); K10(Dimethyl)	1	1208.585	1.95

MEDLGENTTVLSSLRSLN NFISQRMEGTSGLDVSTS ASGSLQK	Q9WTX8- 2	Isoform 2 of Mitotic spindle assembly checkpoint protein MAD1	M25(Oxidation); K43(HeavyDimethyl)	1	4612.321	2.45
MEERGSPPDGDPAR MEGAIAISSAHSMDAADP ADAESSEGAARK	Q9D2Z8	Kinesin-like protein KIF12		3	1416.614	2.58
MESENAEAENVVTGNLE AKSK	Q925G2	Cytochrome b reductase 1	K31(HeavyDimethyl)	2	3069.458	2.92
MGALDVCPFIPVR	Q3KNI6	MCG147493	M1(Oxidation); K19(Dimethyl); K21(Dimethyl)	1	2322.128	2.89
MGIDISVLMGANIASEVA AEKFCETTIGSK	Q91XD4	Formimidoyltransferase- cyclodeaminase	N-Term(Dimethyl:2H(6)13C(2)); C7(iodoTMT6plex)	2	1783.033	2.85
MILATK MLGEALGNPQEVGPLLNT MIKGRYN	Q3ULJ0-2	Isoform 2 of Glycerol-3-phosphate dehydrogenase 1-like protein	M1(Oxidation); K21(HeavyDimethyl); C23(iodoTMT6plex); K30(HeavyDimethyl)	2	3502.941	2.94
MLQGTCGAPIDPTIYLSK	Q91ZK0	Transcription factor AP-2-delta	K6(HeavyDimethyl)	4	712.481	1.45
MSSILEERILGADTSVDLE ETGR	Q8BLR9	Hypoxia-inducible factor 1-alpha inhibitor	M1(Oxidation); M19(Oxidation); K21(HeavyDimethyl)	1	2783.442	3.15
MSSVTHSPEIMDSLELRPF SKPDIALTEALRLLADED WEK	P56593	Cytochrome P450 2A12	N-Term(Dimethyl:2H(6)13C(2)); C6(iodoTMT6plex); K18(HeavyDimethyl)	6	2309.330	3.66
MTDLGVMTMNQPVFMR	P56593	Cytochrome P450 2A12	N-Term(Dimethyl); C6(iodoTMT6plex); K18(Dimethyl)	7	2293.243	3.90
MTNGFSGADLTEICQR	O55047-3	Isoform 3 of Serine/threonine- protein kinase tousled-like 2	M2(Oxidation); M5(Oxidation); K8(HeavyDimethyl)	1	2255.186	2.45
MVHDGTR	P45377	Aldose reductase-related protein 2	M1(Oxidation); K10(HeavyDimethyl); K17(HeavyDimethyl); K21(HeavyDimethyl)	1	2403.481	1.94
NALANPLYCPDYR	D3Z6F5	ATP synthase subunit alpha		2	2521.280	2.35
NALANPLYCPDYR	Q6A070-2	Isoform 2 of Protein FAM179B	N-Term(Dimethyl:2H(6)13C(2)); K21(HeavyDimethyl); K40(HeavyDimethyl)	1	4678.476	2.59
NALANPLYCPDYR	Q6XAS3	MCG116991, isoform CRA_b	M1(Oxidation); M8(Oxidation);	2	1787.802	1.91
NALANPLYCPDYR	Q01853	Transitional endoplasmic reticulum ATPase	N-Term(Dimethyl); C14(iodoTMT6plex)	1	2100.040	2.70
NALANPLYCPDYR	Q8C9W3	A disintegrin and metalloproteinase with thrombospondin motifs 2		2	815.390	1.37
NALANPLYCPDYR	Q9DB77	Cytochrome b-c1 complex subunit 2, mitochondrial	N-Term(Dimethyl); C9(iodoTMT6plex)	2	1866.972	2.82
NALANPLYCPDYR	Q9DB77	Cytochrome b-c1 complex subunit 2, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C9(iodoTMT6plex)	2	1875.010	2.61

NALVSHLDGTTTPVCEDIG R	Q9CZ13	Cytochrome b-c1 complex subunit 1, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C14(iodoTMT6plex)	18	2362.277	3.85
NALVSHLDGTTTPVCEDIG R	Q9CZ13	Cytochrome b-c1 complex subunit 1, mitochondrial	N-Term(Dimethyl); C14(iodoTMT6plex)	24	2354.232	3.69
NAVFNTYYALAVSAVTA TSMASLSHPQGGK	Q8CF94	Blood group Rh(D) polypeptide	N-Term(Dimethyl); M20(Oxidation); K29(Dimethyl)	1	3071.513	3.13
NCMSEFMGLIK	O09173	Homogentisate 1,2-dioxygenase	N-Term(Dimethyl:2H(6)13C(2)); C2(iodoTMT6plex); K11(HeavyDimethyl)	1	1673.956	2.88
NCVILPHIGSATYK	Q91Z53	Glyoxylate reductase/hydroxypyruvate reductase	N-Term(Dimethyl:2H(6)13C(2)); C2(iodoTMT6plex); K14(HeavyDimethyl)	2	1917.170	2.77
NKTDTRFRSTSR	A2AG58-2	Isoform 2 of Uncharacterized protein CXorf23 homolog	K2(HeavyDimethyl)	1	1348.755	1.97
NKVAGGK	Q9CWX9	Probable ATP-dependent RNA helicase DDX47	K2(Dimethyl); K7(Dimethyl)	1	729.465	1.37
NLDKEYLPIGGLAEFCK	P05202	Aspartate aminotransferase, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); K4(HeavyDimethyl); C16(iodoTMT6plex); K17(HeavyDimethyl)	21	2347.425	2.88
NLDKEYLPIGGLAEFCK	P05202	Aspartate aminotransferase, mitochondrial	N-Term(Dimethyl); K4(Dimethyl); C16(iodoTMT6plex); K17(Dimethyl)	8	2323.284	6.13
NLQEYIDAQK NMLETSPQSLPQTPTTPTA PVTPIQGPSVITPASVPN VGAIRRR	E9QKK1	Centromere-associated protein E	K10(HeavyDimethyl)	1	1257.685	1.67
NMVEPSSSPNPDGK NNIFYILLRDWQNEAAD AMSR	P58463-2	Isoform 2 of Forkhead box protein P2		1	4678.476	2.58
NNVAALAHGPGSATR NQEAMGAFQEFPQVEAC R	Q8C4A5-2	Isoform 2 of Putative Polycomb group protein ASXL3	N-Term(Dimethyl:2H(6)13C(2)); M5(Oxidation); K15(HeavyDimethyl)	1	1677.857	2.04
NQEAMGAFQEFPQVEAC	B2RXC6	DNA-directed RNA polymerase	N-Term(Dimethyl:2H(6)13C(2))	1	2633.365	2.24
NQLLNNDGHNPLMKK	Q3UEI1-2	Isoform 2 of cAMP-specific 3',5'-cyclic phosphodiesterase 4C	N-Term(Dimethyl:2H(6)13C(2))	1	1471.814	1.96
NYDYILSTGCAPPGK	D3YZ54	2-hydroxyacyl-CoA lyase 1	N-Term(Dimethyl:2H(6)13C(2)); C17(iodoTMT6plex)	11	2420.208	3.05
NYDYILSTGCAPPGK	D3YZ54	2-hydroxyacyl-CoA lyase 1	N-Term(Dimethyl); C17(iodoTMT6plex)	5	2412.160	3.18
NYDYILSTGCAPPGK	A2AF67	Dedicator of cytokinesis protein 11	M13(Oxidation); K14(Dimethyl); K15(Dimethyl)	1	1807.937	2.18
NYDYILSTGCAPPGK	Q9QXF8	Glycine N-methyltransferase	N-Term(Dimethyl:2H(6)13C(2)); C10(iodoTMT6plex); K15(HeavyDimethyl)	46	2000.127	3.51
NYDYILSTGCAPPGK	Q9QXF8	Glycine N-methyltransferase	N-Term(Dimethyl); C10(iodoTMT6plex); K15(Dimethyl)	17	1984.043	3.58

NYDYILSTGCAPPGKNIY YK	Q9QXF8	Glycine N-methyltransferase	N-Term(Dimethyl:2H(6)13C(2)); C10(iodoTMT6plex); K15(HeavyDimethyl); K20(HeavyDimethyl)	1	2717.546	2.85
NYDYILSTGCAPPGKNIY YK	Q9QXF8	Glycine N-methyltransferase	N-Term(Dimethyl); C10(iodoTMT6plex); K15(Dimethyl); K20(Dimethyl)	5	2693.414	3.15
QATLGAGLPSTPCTTVNK QAVGLFYAGHWQGCLQA SEAVLDYSWEKLNTPGW	Q8QZT1	Acetyl-CoA acetyltransferase, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C14(iodoTMT6plex); K19(HeavyDimethyl)	9	2273.368	4.12
	Q9CXT6	Lysine-specific demethylase 8	C14(iodoTMT6plex); K28(HeavyDimethyl)	1	4346.228	2.83
QCSSGLQAVANIAGGIR	Q8VCH0	3-ketoacyl-CoA thiolase B, peroxisomal	N-Term(Dimethyl:2H(6)13C(2)); C2(iodoTMT6plex)	10	2010.152	4.83
QFSYTHICAGASAFGK	Q99LC5	Electron transfer flavoprotein subunit alpha, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C8(iodoTMT6plex); K16(HeavyDimethyl)	9	2089.159	3.79
	Q4LDG0	Bile acyl-CoA synthetase	N-Term(Dimethyl:2H(6)13C(2)); C4(iodoTMT6plex); K11(HeavyDimethyl); K18(HeavyDimethyl)	1	2334.506	2.47
QGFCIPVEPGKPGLLLTk						
QGGFNLPICMAK	Q922D8	C-1-tetrahydrofolate synthase, cytoplasmic	N-Term(Dimethyl:2H(6)13C(2)); C9(iodoTMT6plex); K12(HeavyDimethyl)	2	1680.011	3.09
QGGFNLPICMAK	Q922D8	C-1-tetrahydrofolate synthase, cytoplasmic	N-Term(Dimethyl); C9(iodoTMT6plex); K12(Dimethyl)	1	1663.917	2.81
QGGFLPGGSLHSAMTPH GPDADCFEK	O09173	Homogentisate 1,2-dioxygenase	N-Term(Dimethyl:2H(6)13C(2)); M15(Oxidation); C24(iodoTMT6plex);	3	3130.588	3.88
QKIVQAGDK	A2ASZ8	Calcium-binding mitochondrial carrier protein ScaMC-2	N-Term(Dimethyl); K2(Dimethyl); K9(Dimethyl)	1	1070.656	2.02
QLLEVFQGDHK	Q80U38	Protein KHNYN	N-Term(Dimethyl); K12(Dimethyl)	1	1555.840	2.81
QLLMDR	A2AFM1	5-aminolevulinic synthase		2	775.419	1.57
QLVLLNPYAALCNR	Q8VBW8	Tetratricopeptide repeat protein 36	N-Term(Dimethyl:2H(6)13C(2)); C12(iodoTMT6plex)	16	1953.168	3.20
QLVLLNPYAALCNR	Q8VBW8	Tetratricopeptide repeat protein 36	N-Term(Dimethyl); C12(iodoTMT6plex)	16	1945.120	3.64
QSSSPEFR	Q80Z37	E3 ubiquitin-protein ligase Topors	N-Term(Dimethyl)	1	965.467	1.97
QVADEGDALVAGGVSQT PSYLSCK	O35490	Betaine--homocysteine S- methyltransferase 1	N-Term(Dimethyl:2H(6)13C(2)); C23(iodoTMT6plex); K24(HeavyDimethyl)	43	2796.521	8.65
QVADEGDALVAGGVSQT PSYLSCK	O35490	Betaine--homocysteine S- methyltransferase 1	N-Term(Dimethyl); C23(iodoTMT6plex); K24(Dimethyl)	24	2780.424	6.95
QVADEGDALVAGGVSQT PSYLSCKSEVEVK	O35490	Betaine--homocysteine S- methyltransferase 1	N-Term(Dimethyl:2H(6)13C(2)); C23(iodoTMT6plex); K24(HeavyDimethyl); K30(HeavyDimethyl)	9	3503.945	6.43

QVADEGDALVAGGVSQT PSYLSCKSEVEVK	Q35490	Betaine--homocysteine S- methyltransferase 1	N-Term(Dimethyl); C23(iodoTMT6plex); K24(Dimethyl); K30(Dimethyl)	28	3479.816	6.47
QVGDGGR	Q0ZLH2	Pejvakin		1	688.332	1.34
QVHRADHGSTLDTTSTGC ASGTESMALPLMGTLMFL PWLW	Q8CAL5	Glypican-5	N-Term(Dimethyl:2H(6)13C(2)); C18(iodoTMT6plex); M25(Oxidation); M30(Oxidation)	1	4716.339	2.64
QVIDCQLADVNNLGK	Q9CPY7- 2	Isoform 2 of Cytosol aminopeptidase	N-Term(Dimethyl:2H(6)13C(2)); C5(iodoTMT6plex); K15(HeavyDimethyl)	1	2031.204	2.69
QVIDCQLADVNNLGK	Q9CPY7- 2	Isoform 2 of Cytosol aminopeptidase	N-Term(Dimethyl); C5(iodoTMT6plex); K15(Dimethyl)	1	2015.116	2.73
QVIDCQLADVNNLGKYR QVMALCTYPNLLNSPSFP EDAK	Q9CPY7- 2	Isoform 2 of Cytosol aminopeptidase	N-Term(Dimethyl:2H(6)13C(2)); C5(iodoTMT6plex); K15(HeavyDimethyl)	7	2350.360	3.18
QYGQTVATYESCSTAAFK	Q8BGT5 P52825	Alanine aminotransferase 2 Carnitine O-palmitoyltransferase 2, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); M3(Oxidation); C6(iodoTMT6plex); C12(iodoTMT6plex); K18(HeavyDimethyl)	3 1	2855.536 2356.260	3.10 2.86
RATVSEGPSASVMPVKK RDFEENK	P70182-2 F6RV61	Isoform 2 of Phosphatidylinositol 4-phosphate 5-kinase type-1 alpha Nebulette (Fragment)	M13(Oxidation); K16(HeavyDimethyl); K17(HeavyDimethyl) K7(Dimethyl)	1	1832.071	1.86
RDPLHEELLGQGCVFQER	Q99LB7	Sarcosine dehydrogenase, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C13(iodoTMT6plex)	22	2491.348	4.56
RDPLHEELLGQGCVFQER	Q99LB7	Sarcosine dehydrogenase, mitochondrial	N-Term(Dimethyl); C13(iodoTMT6plex)	12	2483.304	4.12
REELNKMETNKPR	Q6PGC1	ATP-dependent RNA helicase Dhx29	K6(Dimethyl); M7(Oxidation); K11(Dimethyl)	1	1716.919	2.26
RHRHGPPAHDR	E9Q1R5	Voltage-dependent P/Q-type calcium channel subunit alpha-1A		1	1450.722	2.42
RLMRDFK	P63147	Ubiquitin-conjugating enzyme E2 B	K7(HeavyDimethyl)	1	1001.609	2.04
RLVVGSIQAAEMR	E9Q3H9	DNA polymerase iota	M12(Oxidation)	34	1445.770	3.29
RMAPILRAR	Q8CIK8	E3 ubiquitin-protein ligase RFWD3		2	1083.641	1.97
RMASKDHSIFSMSNQAL K	E9PUJ8	Protein Mroh5	N-Term(Dimethyl:2H(6)13C(2)); M2(Oxidation); K5(HeavyDimethyl); M12(Oxidation); K19(HeavyDimethyl)	7	2278.281	2.98
RMLERLVSSE	F7D926	Wolframin (Fragment)	N-Term(Dimethyl:2H(6)13C(2))	2	1255.738	2.28
RPCFSALTVDETYVPK	P07724	Serum albumin	N-Term(Dimethyl:2H(6)13C(2)); C3(iodoTMT6plex); K16(HeavyDimethyl)	2	2227.286	3.48

RPPGFSPFR	O08677-2	Isoform LMW of Kininogen-1		1	1060.564	1.94
RRCEPVLR	Q61088	Frizzled-4	C3(iodoTMT6plex)	2	1357.821	2.82
		Sema domain, seven thrombospondin repeats (Type 1 and type 1-like), transmembrane domain (TM) and short cytoplasmic domain, (Semaphorin) 5A, isoform CRA_a				
	Q3UPZ0			2	757.426	1.34
RSEPIR	Q8CBY1-	Isoform 2 of Protein Smaug homolog 1	M9(Oxidation); M21(Oxidation)	22	3087.513	3.07
RSVSLTPPMNVNQPLGH	2					
GWMSHEDLR	Q0ZLH2	Pejvakin	K23(Dimethyl); M27(Oxidation); K33(Dimethyl)	1	3955.014	2.44
RVMDAISRSQLYLDDLFS						
DFYDKPLSMTDISLK	E9PUF8	Ras-related and estrogen-regulated growth inhibitor	K5(HeavyDimethyl)	3	1226.747	2.36
SAEVKLAIFGR	Q9CPY7-	Isoform 2 of Cytosol aminopeptidase	N-Term(Dimethyl:2H(6)13C(2)); C5(iodoTMT6plex)	3	1503.868	2.39
SAGACTAAAFRLR	2					
SAGDKKNASDR	Q8CH25-	Isoform 2 of SAFB-like transcription modulator	K5(Dimethyl); K6(Dimethyl)	1	1204.619	2.14
SAPATGGVK	2					
	P68433	Histone H3.1	K9(HeavyDimethyl)	3	823.506	1.54
SASLKDLCLEDK	Q6NZK5-	Isoform 2 of Uncharacterized protein KIAA1328	K5(Dimethyl); C8(iodoTMT6plex); K12(Dimethyl)	2	1706.969	2.46
SAYALGGLGSGICPNK	2					
	Q8C196	Carbamoyl-phosphate synthase [ammonia], mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C13(iodoTMT6plex); K16(HeavyDimethyl)	3	1909.136	3.01
SAYALGGLGSGICPNKET	Q8C196	Carbamoyl-phosphate synthase [ammonia], mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C13(iodoTMT6plex); K16(HeavyDimethyl); K25(HeavyDimethyl)	6	2915.743	3.56
LIDLGTK	Q8C196	Carbamoyl-phosphate synthase [ammonia], mitochondrial	N-Term(Dimethyl); C13(iodoTMT6plex); K16(Dimethyl); K25(Dimethyl)	15	2891.602	4.67
SAYALGGLGSGICPNKET	Q8C196	Carbamoyl-phosphate synthase [ammonia], mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C2(iodoTMT6plex); K13(HeavyDimethyl)	10	1838.116	4.21
LIDLGTK	G3V020	PCTP-like protein (Fragment)	N-Term(Dimethyl); C2(iodoTMT6plex); K13(Dimethyl)	6	1822.030	4.18
SCVITYLAQVDPK	G3V020	PCTP-like protein (Fragment)	N-Term(Dimethyl); C6(iodoTMT6plex); K14(Dimethyl)	1	1842.003	2.89
SFTSSCPVSAFVPK	Q8R0F8	Acylpyruvase FAHD1, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C19(iodoTMT6plex)	9	2437.304	3.58
SGLFVVGPEPESAGAHPGPA	E9Q484	5-oxoprolinase (Fragment)	N-Term(Dimethyl); C19(iodoTMT6plex)	5	2429.255	3.74
CYR	E9Q484	5-oxoprolinase (Fragment)	N-Term(Dimethyl); C19(iodoTMT6plex)	5	2429.255	3.74
SGLFVVGPEPESAGAHPGPA	E9Q484	5-oxoprolinase (Fragment)	N-Term(Dimethyl); C19(iodoTMT6plex)	5	2429.255	3.74
CYR	E9Q484	5-oxoprolinase (Fragment)	N-Term(Dimethyl); C19(iodoTMT6plex)	5	2429.255	3.74
SGSSSSSGGR	Q69ZA1-	Isoform 2 of Cyclin-dependent kinase 13	N-Term(Dimethyl)	5	896.396	1.61
	2					

SIQFVDWCPTGFK	P68368	Tubulin alpha-4A chain	N-Term(Dimethyl:2H(6)13C(2)); C8(iodoTMT6plex); K13(HeavyDimethyl)	7	1929.098	3.08
SIVLNPAYFRNHLR	Q8C636-2	Isoform 2 of Spermatogenesis-associated protein 16		8	1699.930	2.43
SLCPVSWVSAWDDR	P56391	Cytochrome c oxidase subunit 6B1	N-Term(Dimethyl:2H(6)13C(2)); C3(iodoTMT6plex)	1	1986.046	2.85
SLGPEFGGA	F6TQE2	Solute carrier family 12 member 4 (Fragment)		3	834.406	1.38
SLIEQCSAPLPPSIFMELAN K	Q920E5	Farnesyl pyrophosphate synthase	N-Term(Dimethyl:2H(6)13C(2)); C6(iodoTMT6plex); M16(Oxidation); K21(HeavyDimethyl)	7	2705.537	4.07
SLIEQCSAPLPPSIFMELAN K	Q920E5	Farnesyl pyrophosphate synthase	N-Term(Dimethyl); C6(iodoTMT6plex); M16(Oxidation); K21(Dimethyl)	3	2689.440	3.29
SLLSLEEAKKK	E9Q9B8	Clusterin (Fragment)	N-Term(Dimethyl); K10(Dimethyl); K11(Dimethyl); K12(Dimethyl)	12	1471.921	2.45
SLPQPQKVNSILGCSQ	Q91X72	Hemopexin	N-Term(Dimethyl); K7(Dimethyl); C14(iodoTMT6plex)	2	2084.173	3.08
SLPQPQKVNSILGCSQ	Q91X72	Hemopexin	N-Term(Dimethyl:2H(6)13C(2)); K7(HeavyDimethyl); C14(iodoTMT6plex)	1	2100.254	2.73
SLVANLAAANCYK	P55264-2	Isoform Short of Adenosine kinase	N-Term(Dimethyl:2H(6)13C(2)); C11(iodoTMT6plex); K13(HeavyDimethyl)	6	1739.062	3.09
SLVANLAAANCYKK	P55264-2	Isoform Short of Adenosine kinase	N-Term(Dimethyl:2H(6)13C(2)); C11(iodoTMT6plex); K13(HeavyDimethyl); K14(HeavyDimethyl)	16	1903.235	3.87
SLVANLAAANCYKK SNGSFPVNR	P55264-2	Isoform Short of Adenosine kinase	N-Term(Dimethyl); C11(iodoTMT6plex); K13(Dimethyl); K14(Dimethyl)	6	1879.097	3.45
	P61168	D(2) dopamine receptor Cytosolic 10-	N-Term(Dimethyl)	1	1005.521	2.06
SPLIIFADCDLNK	Q8R0Y6	formyltetrahydrofolate dehydrogenase	N-Term(Dimethyl:2H(6)13C(2)); C9(iodoTMT6plex); K13(HeavyDimethyl)	3	1850.123	2.69
SPSGPKK	P49446-3	Isoform 3 of Receptor-type tyrosine-protein phosphatase epsilon	K6(Dimethyl); K7(Dimethyl)	1	756.469	1.50
SQDQTSR	Q923B3	Neurotrophin receptor-interacting factor 1		2	821.368	1.42
SQTEEDCTEELFDLHAR	P99028	Cytochrome b-c1 complex subunit 6, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C7(iodoTMT6plex)	7	2535.233	3.60
SQTEEDCTEELFDLHAR	P99028	Cytochrome b-c1 complex subunit 6, mitochondrial	N-Term(Dimethyl); C7(iodoTMT6plex)	9	2527.190	4.10

SRTMTPAGGSGGGLSDSG R	A2AHG0- 2	Isoform 2 of Leucine zipper putative tumor suppressor 3	N-Term(Dimethyl); M4(Oxidation)	1	1794.827	2.74
SSPCAPWGPNSAGSSRRSS WNSLGR	E0CYZ3	Voltage-dependent T-type calcium channel subunit alpha-1H	N-Term(Dimethyl:2H(6)13C(2)); C4(iodoTMT6plex)	1	2969.508	2.54
STCTINYSTSLPLAQGIK	G3UYR8	Alpha-aminoadipic semialdehyde dehydrogenase	N-Term(Dimethyl:2H(6)13C(2)); C3(iodoTMT6plex); K18(HeavyDimethyl)	6	2298.340	5.22
STCTINYSTSLPLAQGIK	G3UYR8	Alpha-aminoadipic semialdehyde dehydrogenase	N-Term(Dimethyl); C3(iodoTMT6plex); K18(Dimethyl)	4	2282.264	4.25
STCTINYSTSLPLAQGIK Q	G3UYR8	Alpha-aminoadipic semialdehyde dehydrogenase	N-Term(Dimethyl:2H(6)13C(2)); C3(iodoTMT6plex); K18(HeavyDimethyl)	17	2573.470	4.96
STCTINYSTSLPLAQGIK Q	G3UYR8	Alpha-aminoadipic semialdehyde dehydrogenase	N-Term(Dimethyl); C3(iodoTMT6plex); K18(Dimethyl)	14	2557.393	4.64
STEPCAHLLVSSIGVVGT EQNR	G3UZN1	D-dopachrome decarboxylase	N-Term(Dimethyl:2H(6)13C(2)); C5(iodoTMT6plex)	4	2733.490	3.13
STVCGPESFTPDHKPLMG EAPELR	Q99LB7	Sarcosine dehydrogenase, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C4(iodoTMT6plex); K14(HeavyDimethyl); M17(Oxidation)	9	3015.594	4.00
STVCGPESFTPDHKPLMG EAPELR	Q99LB7	Sarcosine dehydrogenase, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C4(iodoTMT6plex); K14(HeavyDimethyl)	7	2999.604	4.81
STVCGPESFTPDHKPLMG EAPELR	Q99LB7	Sarcosine dehydrogenase, mitochondrial	N-Term(Dimethyl); C4(iodoTMT6plex); K14(Dimethyl); M17(Oxidation)	11	2999.508	3.99
STVCGPESFTPDHKPLMG EAPELR	Q99LB7	Sarcosine dehydrogenase, mitochondrial	N-Term(Dimethyl); C4(iodoTMT6plex); K14(Dimethyl)	3	2983.519	3.16
STVNTAVALTLACFGTQR	Q61176	Arginase-1	N-Term(Dimethyl:2H(6)13C(2)); C13(iodoTMT6plex)	8	2218.251	3.71
STVNTAVALTLACFGTQR	Q61176	Arginase-1	N-Term(Dimethyl); C13(iodoTMT6plex)	8	2210.212	4.44
TCLLNETGDEPFQYKN	P15105	Glutamine synthetase	C2(iodoTMT6plex); K15(HeavyDimethyl)	12	2237.149	4.19
TCLLNETGDEPFQYKN	P15105	Glutamine synthetase	N-Term(Dimethyl:2H(6)13C(2)); C2(iodoTMT6plex); K15(HeavyDimethyl)	21	2273.223	6.25
TCLLNETGDEPFQYKN	P15105	Glutamine synthetase	C2(iodoTMT6plex); K15(Dimethyl)	9	2229.100	4.13
TCLLNETGDEPFQYKN	P15105	Glutamine synthetase	N-Term(Dimethyl); C2(iodoTMT6plex); K15(Dimethyl)	30	2257.130	5.26
TEESAPGPGGADAASERR GLR	D6RGQ3	Multidrug and toxin extrusion protein 1	N-Term(Dimethyl)	1	2112.040	2.35
TGAGAGAGAGARAAAAL TRR	D3YUN0	Protein DGCR6		1	1726.930	2.03
TGDIALMDEQGFCK	Q8VCW8	Acyl-CoA synthetase family member 2, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C13(iodoTMT6plex); K14(HeavyDimethyl)	1	1929.061	2.41

TGDIALMDEQGFCK	Q8VCW8	Acyl-CoA synthetase family member 2, mitochondrial	N-Term(Dimethyl); C13(iodoTMT6plex); K14(Dimethyl)	1	1912.970	2.93
TGGGAMGLR	E9PZB7	E3 ubiquitin-protein ligase ZNRF1	M6(Oxidation)	1	835.417	1.45
TGLTTLAQAVQAGYEVT VLVR	Q923D2	Flavin reductase (NADPH)		6	2190.208	5.39
TGMVDFALESGARHLPR	F7AJ01	SUN domain-containing protein 1 (Fragment)	M3(Oxidation)	1	1872.918	2.52
TGRAGNKGYAYTFITEDQ AR	Q569Z5-2	Isoform 2 of Probable ATP-dependent RNA helicase DDX46	K7(HeavyDimethyl)	1	2255.179	2.58
TIAECLADELINA AK	D3YYM6	40S ribosomal protein S5 (Fragment)	N-Term(Dimethyl:2H(6)13C(2)); C5(iodoTMT6plex); K15(HeavyDimethyl)	4	1976.178	3.47
TIAECLADELINA AK	D3YYM6	40S ribosomal protein S5 (Fragment)	N-Term(Dimethyl); C5(iodoTMT6plex); K15(Dimethyl)	1	1960.094	3.03
TIQFVDWCPTGFK	P68373	Tubulin alpha-1C chain	N-Term(Dimethyl:2H(6)13C(2)); C8(iodoTMT6plex); K13(HeavyDimethyl)	5	1943.119	2.89
TIVPWDVDTVCK	Q6P3A8-2	Isoform 2 of 2-oxoisovalerate dehydrogenase subunit beta, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C11(iodoTMT6plex); K12(HeavyDimethyl)	6	1777.062	2.94
TLNSSENEHMR	Q3ULZ2	FH2 domain-containing protein 1	M10(Oxidation)	1	1333.566	1.94
TLTQCSWLLDGFPR	Q9WTP7	GTP:AMP phosphotransferase AK3, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C5(iodoTMT6plex)	9	2002.114	3.00
TLTQCSWLLDGFPR	Q9WTP7	GTP:AMP phosphotransferase AK3, mitochondrial	N-Term(Dimethyl); C5(iodoTMT6plex)	3	1994.067	3.07
TNNFSYVFYMSSGFLVSG SLILGVGFYAAEKK	G5E8K6	Monocarboxylate transporter 6	K31(Dimethyl); K32(Dimethyl)	1	3552.809	2.64
TPAMSSSSSRVLLR	A2AEW2	Transcription factor E3 (Fragment)	M4(Oxidation)	1	1507.804	1.80
TPKSDK	F6SBF2	THO complex subunit 2 (Fragment)	K3(Dimethyl); K6(Dimethyl)	3	731.430	1.60
TPQVPK	Q8CB59	Protein FAM161B	N-Term(Dimethyl); K6(Dimethyl) N-Term(Dimethyl:2H(6)13C(2));	1	725.448	1.42
TQVTGVLLDDCLCDIDSID KFNTYKIFPK	Q8R2E9	ERO1-like protein beta	C10(iodoTMT6plex); C12(iodoTMT6plex); K19(HeavyDimethyl); K24(HeavyDimethyl); K28(HeavyDimethyl)	1	3994.296	3.47
TSACFEP SLDYMVTK	Q8C196	Carbamoyl-phosphate synthase [ammonia], mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C4(iodoTMT6plex); M12(Oxidation); K15(HeavyDimethyl)	14	2109.128	3.42
TSACFEP SLDYMVTK	Q8C196	Carbamoyl-phosphate synthase [ammonia], mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C4(iodoTMT6plex); K15(HeavyDimethyl)	33	2093.133	4.05

TSACFEPPLDYMVTK	Q8C196	Carbamoyl-phosphate synthase [ammonia], mitochondrial	N-Term(Dimethyl); C4(iodoTMT6plex); M12(Oxidation); K15(Dimethyl)	11	2093.041	3.74
TSACFEPPLDYMVTK	Q8C196	Carbamoyl-phosphate synthase [ammonia], mitochondrial	N-Term(Dimethyl); C4(iodoTMT6plex); K15(Dimethyl)	18	2077.049	3.88
TSACFEPPLDYMVTKIPR	Q8C196	Carbamoyl-phosphate synthase [ammonia], mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C4(iodoTMT6plex); K15(HeavyDimethyl)	46	2459.375	3.99
TSACFEPPLDYMVTKIPR	Q8C196	Carbamoyl-phosphate synthase [ammonia], mitochondrial	N-Term(Dimethyl); C4(iodoTMT6plex); K15(Dimethyl)	20	2443.294	3.76
TSACFEPPLDYMVTKIPR	Q8C196	Carbamoyl-phosphate synthase [ammonia], mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C4(iodoTMT6plex); M12(Oxidation); K15(HeavyDimethyl)	4	2475.367	2.91
TSACFEPPLDYMVTKIPR	Q8C196	Carbamoyl-phosphate synthase [ammonia], mitochondrial	N-Term(Dimethyl); C4(iodoTMT6plex); M12(Oxidation); K15(Dimethyl)	7	2459.282	3.21
TVAQGTK	Q61090	Frizzled-7	N-Term(Dimethyl); K7(Dimethyl)	1	760.464	1.60
TVIQAEIDAAAELIDFFR	Q8CHT0	Delta-1-pyrroline-5-carboxylate dehydrogenase, mitochondrial		2	2022.051	4.27
TVMDDFAQFLDTCKK	P07724	Serum albumin	N-Term(Dimethyl:2H(6)13C(2)); C13(iodoTMT6plex); C14(iodoTMT6plex); K15(HeavyDimethyl)	9	2467.332	3.68
TVMDDFAQFLDTCKK	P07724	Serum albumin	N-Term(Dimethyl); C13(iodoTMT6plex); C14(iodoTMT6plex); K15(Dimethyl)	12	2451.236	4.23
TVVRHLNMLQLSSFVKV	Q497M3	Putative C->U-editing enzyme APOBEC-4	N-Term(Dimethyl:2H(6)13C(2)); K15(HeavyDimethyl); K17(HeavyDimethyl)	1	2108.345	2.06
TYAENLSPHEGRRR	F6UFZ5	Protein Pcf11 (Fragment)		1	1685.844	2.40
TYGCSPEMYYPQPTSVGEV	P58710	L-gulonolactone oxidase	N-Term(Dimethyl:2H(6)13C(2)); C4(iodoTMT6plex)	5	2532.250	4.72
TYGCSPEMYYPQPTSVGEV	P58710	L-gulonolactone oxidase	N-Term(Dimethyl); C4(iodoTMT6plex)	1	2524.206	3.46
VALTGLTVAEYFRDQEGQ	P56480	ATP synthase subunit beta, mitochondrial		8	3342.728	6.32
DVLLFIDNIFR						
VALVCTGSEGSSITNSQLD	Q4LDG0	Bile acyl-CoA synthetase	N-Term(Dimethyl); C5(iodoTMT6plex)	2	2465.277	5.30
AR						
VANVTKEDQPGHTKDSS	Q8BHZ4	Zinc finger protein 592	K6(Dimethyl); K14(Dimethyl); K21(Dimethyl)	1	2280.168	2.58
GPTK						
VASGQALAAFCLTEPSSG	B1AR28	Very long-chain-specific acyl-CoA dehydrogenase, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C11(iodoTMT6plex)	1	2802.501	6.06
SDVASIR						
VASGQALAAFCLTEPSSG	B1AR28	Very long-chain-specific acyl-CoA dehydrogenase, mitochondrial	N-Term(Dimethyl); C11(iodoTMT6plex)	1	2794.460	5.58
SDVASIR						

VCNLIDSGTKEGASILLDR	Q9EQ20	Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C2(iodoTMT6plex); K10(HeavyDimethyl)	7	2462.444	3.68
VCNLIDSGTKEGASILLDR	Q9EQ20	Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial	N-Term(Dimethyl); C2(iodoTMT6plex); K10(Dimethyl)	5	2446.352	3.43
VCSGPFPGGAACQGPQDEYR	Q3UHD1	Brain-specific angiogenesis inhibitor 1	N-Term(Dimethyl); C2(iodoTMT6plex); C12(iodoTMT6plex)	1	2775.354	2.85
VCTLAIDPGDSDIIR	P62889	60S ribosomal protein L30	N-Term(Dimethyl:2H(6)13C(2)); C2(iodoTMT6plex)	2	2066.184	3.90
VCYEGQPVGEFIR	E0CXN5	Glycerol-3-phosphate dehydrogenase [NAD(+)], cytoplasmic	N-Term(Dimethyl:2H(6)13C(2)); C2(iodoTMT6plex)	6	1862.023	3.04
VEAQLQELQVKFSEGERV	Q8VDD5	Myosin-9	K11(Dimethyl)	1	2273.217	2.66
VFANA YLSDLGGCIK	P24549	Retinal dehydrogenase 1	N-Term(Dimethyl:2H(6)13C(2)); C13(iodoTMT6plex); K15(HeavyDimethyl)	19	1972.161	3.44
VFANA YLSDLGGCIK	P24549	Retinal dehydrogenase 1	N-Term(Dimethyl); C13(iodoTMT6plex); K15(Dimethyl)	2	1956.076	2.91
VFANPEDCAGFGKGENA K	D3YU60	Microsomal glutathione S-transferase 1	N-Term(Dimethyl); C8(iodoTMT6plex); K13(Dimethyl); K18(Dimethyl)	6	2267.162	3.57
VFVYINSGMGAVMVEMERVLVGS DK	Q792F9	Alpha-4 integrin	M9(Oxidation); K25(HeavyDimethyl)	1	2782.433	2.88
VGLIGSCTNSSYEDMGR	Q99KI0	Aconitate hydratase, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C7(iodoTMT6plex)	9	2154.091	2.89
VGLIGSCTNSSYEDMGR	Q99KI0	Aconitate hydratase, mitochondrial	N-Term(Dimethyl); C7(iodoTMT6plex)	6	2146.047	3.14
VGVP TETGALTLNR	Q8BWT1	3-ketoacyl-CoA thiolase, mitochondrial	N-Term(Dimethyl)	1	1455.819	2.29
VIVVGNPANTNCLTASK	B1ATQ3	Malate dehydrogenase, cytoplasmic (Fragment)	N-Term(Dimethyl:2H(6)13C(2)); C12(iodoTMT6plex); K17(HeavyDimethyl)	28	2102.268	3.32
VIVVGNPANTNCLTASK	B1ATQ3	Malate dehydrogenase, cytoplasmic (Fragment)	N-Term(Dimethyl); C12(iodoTMT6plex); K17(Dimethyl)	13	2086.184	3.41
VKPKPPEPEDLAICFTSGT TGNPK	D3Z041	Long-chain-fatty-acid--CoA ligase 1	N-Term(Dimethyl:2H(6)13C(2)); K2(HeavyDimethyl); K4(HeavyDimethyl); C15(iodoTMT6plex); K25(HeavyDimethyl)	16	3112.897	4.97
VKPKPPEPEDLAICFTSGT TGNPK	D3Z041	Long-chain-fatty-acid--CoA ligase 1	N-Term(Dimethyl); K2(Dimethyl); K4(Dimethyl); C15(iodoTMT6plex);	22	3080.731	5.33
VLCIINPGNPTGQVQSR	Q8BGT5	Alanine aminotransferase 2	N-Term(Dimethyl:2H(6)13C(2)); C3(iodoTMT6plex)	22	2161.242	5.05
VLCIINPGNPTGQVQSR	Q8BGT5	Alanine aminotransferase 2	N-Term(Dimethyl); C3(iodoTMT6plex)	15	2153.197	4.91

VLCVINPGNPTGQVQTR	Q8QZR5	Alanine aminotransferase 1	N-Term(Dimethyl:2H(6)13C(2)); C3(iodoTMT6plex)	20	2161.240	5.10
VLCVINPGNPTGQVQTR	Q8QZR5	Alanine aminotransferase 1	N-Term(Dimethyl); C3(iodoTMT6plex)	15	2153.199	5.15
VLMGEAMDLGACKAK	Q0VBD2	Protein MCM10 homolog	N-Term(Dimethyl); C13(iodoTMT6plex); K14(Dimethyl); K16(Dimethyl)	1	2063.170	2.75
VLLVLCGGDD	F7ANV6	Annexin (Fragment)	N-Term(Dimethyl:2H(6)13C(2)); C6(iodoTMT6plex)	3	1368.810	2.77
VLLVLCGGDD	F7ANV6	Annexin (Fragment)	N-Term(Dimethyl); C6(iodoTMT6plex)	3	1360.766	2.58
VLSSALTK	Q6B966	NACHT, LRR and PYD domains- containing protein 14	K8(HeavyDimethyl)	1	854.583	1.40
VNADEVGGGALGR	E9Q223	Protein Hbb-bs (Fragment)		20	1286.628	4.47
VNADEVGGGALGR	E9Q223	Protein Hbb-bs (Fragment)	N-Term(Dimethyl)	4	1314.660	3.01
VNLCLLQASVEESPATVPS R	A2AAE1- 4	Isoform 4 of Uncharacterized protein KIAA1109	C4(iodoTMT6plex)	1	2442.292	2.32
VNPLGGAIALGHPLGCTG AR	Q8VCH0	3-ketoacyl-CoA thiolase B, peroxisomal	N-Term(Dimethyl:2H(6)13C(2)); C16(iodoTMT6plex)	8	2239.301	3.12
VNPLGGAIALGHPLGCTG AR	Q8VCH0	3-ketoacyl-CoA thiolase B, peroxisomal	N-Term(Dimethyl); C16(iodoTMT6plex)	2	2231.260	3.48
VNQIGSVTESLQACK	J3QPZ9	Enolase (Fragment)	N-Term(Dimethyl:2H(6)13C(2)); C14(iodoTMT6plex); K15(HeavyDimethyl)	12	1978.167	2.81
VQAEIDCVIGR	Q5GLZ0	Cytochrome P450 2C66	C7(iodoTMT6plex)	2	1531.829	2.21
VQSGVVINFEK	E9PXU1	Protein DDX26B	K11(Dimethyl)	1	1247.694	2.26
VQVTITVRDK	D6RHM2	Probable cation-transporting ATPase 13A5	K10(HeavyDimethyl)	3	1194.771	2.20
VRIMGGTNRGR	Q60754	Macrophage receptor MARCO		1	1216.677	2.61
VRLGDVISIQPCPDVK	Q01853	Transitional endoplasmic reticulum ATPase	N-Term(Dimethyl:2H(6)13C(2)); C12(iodoTMT6plex); K16(HeavyDimethyl)	5	2140.325	3.61
VTGEADVEFATHEEAVAA MSK	Q9Z2X1- 2	Isoform 2 of Heterogeneous nuclear ribonucleoprotein F	N-Term(Dimethyl:2H(6)13C(2)); M19(Oxidation); K21(HeavyDimethyl)	1	2280.173	2.81
VTGTQFPEAPLPVPCNP DVSHGYVTVKPGIR	P34914-2	Isoform 2 of Bifunctional epoxide hydrolase 2	N-Term(Dimethyl:2H(6)13C(2)); C15(iodoTMT6plex); K28(HeavyDimethyl)	2	3791.104	3.31
VTMDGRVNGGLNLSR	Q61074	Protein phosphatase 1G	N-Term(Dimethyl:2H(6)13C(2));	1	1640.882	2.36
VTVNPSLLVPLDLK	Q0VBK2	Keratin, type II cytoskeletal 80	N-Term(Dimethyl); K14(Dimethyl)	1	1563.962	2.62
VVAAVSHELITSTTR	P42859-2	Isoform Short of Huntingtin	N-Term(Dimethyl:2H(6)13C(2))	1	1619.966	1.89
VVENDK	D3YW58	Antizyme inhibitor 1	N-Term(Dimethyl); K6(Dimethyl)	1	759.424	1.54
VVVCNLYPFVK	Q9CWJ9	Bifunctional purine biosynthesis protein PURH	N-Term(Dimethyl:2H(6)13C(2)); C4(iodoTMT6plex); K11(HeavyDimethyl)	1	1682.088	2.53
VWGALR	O08852	Polycystin-1	N-Term(Dimethyl)	2	729.433	1.43
VYEGSILEADCILIPAASE K	P26443	Glutamate dehydrogenase 1, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C11(iodoTMT6plex); K21(HeavyDimethyl)	43	2637.486	6.31

VYEGSILEADCILIPAASE K	P26443	Glutamate dehydrogenase 1, mitochondrial	N-Term(Dimethyl); C11(iodoTMT6plex); K21(Dimethyl)	28	2621.388	5.33
VYEGSILEADCILIPAASE KQLTK	P26443	Glutamate dehydrogenase 1, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C11(iodoTMT6plex); K21(HeavyDimethyl); K25(HeavyDimethyl)	1	3143.843	3.18
YADLTEDQLPSCESLKDTI AR	Q9DBJ1	Phosphoglycerate mutase 1	N-Term(Dimethyl:2H(6)13C(2)); C12(iodoTMT6plex); K16(HeavyDimethyl)	11	2769.505	4.12
YAICSALAASALPALVMS K	Q9D8E6	60S ribosomal protein L4	N-Term(Dimethyl:2H(6)13C(2)); C4(iodoTMT6plex); M17(Oxidation); K19(HeavyDimethyl)	13	2297.365	3.67
YAICSALAASALPALVMS K	Q9D8E6	60S ribosomal protein L4	N-Term(Dimethyl); C4(iodoTMT6plex); M17(Oxidation); K19(Dimethyl)	9	2281.287	3.71
YCNTWPMAISMLASK	Q64442	Sorbitol dehydrogenase	N-Term(Dimethyl:2H(6)13C(2)); C2(iodoTMT6plex); K15(HeavyDimethyl)	2	2117.175	3.87
YICPHAFDIVGLSPDSQED ESGIK	D3Z269	Acyl-protein thioesterase 1 (Fragment)	N-Term(Dimethyl:2H(6)13C(2)); C3(iodoTMT6plex); K24(HeavyDimethyl)	1	3021.616	2.52
YIGGCCGFEPYHIR	O35490	Betaine--homocysteine S- methyltransferase 1	N-Term(Dimethyl); C5(iodoTMT6plex); C6(iodoTMT6plex)	4	2301.205	3.09
YIGGCCGFEPYHIR	O35490	Betaine--homocysteine S- methyltransferase 1	N-Term(Dimethyl:2H(6)13C(2)); C5(iodoTMT6plex); C6(iodoTMT6plex)	5	2309.244	3.11
YKQMETNYENLILK	D3Z387	Protein 1700008F21Rik (Fragment)	N-Term(Dimethyl:2H(6)13C(2)); K2(HeavyDimethyl); M4(Oxidation); K14(HeavyDimethyl)	1	1911.124	2.15
YLQDAGCPVFLYEFQHTP SSFAK	Q63880-2	Isoform 2 of Carboxylesterase 3A	N-Term(Dimethyl:2H(6)13C(2)); C7(iodoTMT6plex); K23(HeavyDimethyl)	12	3049.621	3.87
YNISREDCDRYALQSQR	Q8BWT1	3-ketoacyl-CoA thiolase, mitochondrial	N-Term(Dimethyl:2H(6)13C(2)); C8(iodoTMT6plex)	2	2610.338	2.91
YQVDPDACFSAK	Q60932-2	Isoform Mt-VDAC1 of Voltage- dependent anion-selective channel protein 1	N-Term(Dimethyl:2H(6)13C(2)); C8(iodoTMT6plex); K12(HeavyDimethyl)	1	1744.969	2.50

^a Peptides are grouped by sequence and mass. ^b Accession number provided from the Uniprot mouse database (05/21/2014, 51344 sequences). ^c Spectral counts. ^d Molecular weight. ^e Xcorr provided from SEQUEST HT searching engine.