		CID charge	ETD charge	Accession	Accession (alternative)	Precursor name	m/z (obsd.)	z	Mr (calc.) (Da)	Mass error (Da)	Score	Expectation	N-term	Sequence	C-term	Modification
ETD				gi|4504523		10 kDa heat shock protein, mitochondrial	774.9966	14	10835.8413	0.0097	146	5.30E-11	M	AGQAFRKFLPLFDRVLVERSAAETVTKGGIMLPEKSGQKVLQATVVAVGSGSKGKGGEIQPVSVKVGDKVLLPEYGGTKVVLDDKDYFLFRDGDILGKYVD	-	Acetyl (N-term)
ETD				gi|51316582		40S ribosomal protein S30	604.9904	11	6643.8166	-0.0023	107	5.20E-08	-	KVHGSLARAGKVRGQTPKVAKGEKKKKKKTGRAKRRMQYNRRFVNVVPTFGKKKGPNANS	-	
CID				gi|1585794		Neuroendocrine protein 7B2	658.2757	2	1314.5364	0.0004	58	0.004	V	PHFSDEDKDPE	-	
ETD				gi|1585794		Neuroendocrine protein 7B2	472.2088	3	1413.6048	-0.0002	55	0.017	S	VPHFSDEDKDPE	-	
ETD	*	2,3	3	gi|1585794		Neuroendocrine protein 7B2	501.2194	3	1500.6369	-0.0005	74	0.00017	K	SVPHFSDEDKDPE	-	
CID	*	2,3	3	gi|1585794		Neuroendocrine protein 7B2	751.3262	2	1500.6369	0.0011	66	0.0012	K	SVPHFSDEDKDPE	-	
ETD			4,5	gi|1585794		Neuroendocrine protein 7B2	703.1549	5	3510.7379	0.0004	124	1.00E-08	R	SVNPYLQGQRLDNVVAKKSVPHFSDEDKDPE	-	
CID				gi|1585794		Neuroendocrine protein 7B2	793.9193	2	1585.8212	0.0028	79	0.00018	V	NPYLQGQRLDNVVA	K	
CID				gi|1585794		Neuroendocrine protein 7B2	886.9703	2	1771.9217	0.0044	54	0.059	R	SVNPYLQGQRLDNVVA	K	
CID				**gi|1585794**		**Neuroendocrine protein 7B2**	**726.1410**	**4**	**2900.5290**	**0.0058**	**108**	**3.00E-07**	**R**	**TPDRVSEADIQRLLHGVMEQLGIARP**	**R**	
CID	*	4,5	4	gi|1585794		Neuroendocrine protein 7B2	612.3338	5	3056.6301	0.0025	131	1.10E-09	R	TPDRVSEADIQRLLHGVMEQLGIARPR	V	
ETD	*	4,5	4	gi|1585794		Neuroendocrine protein 7B2	765.1658	4	3056.6301	0.0041	69	0.0021	R	TPDRVSEADIQRLLHGVMEQLGIARPR	V	
ETD	*	5,6	6	gi|1585794		Neuroendocrine protein 7B2	594.3204	6	3559.8794	-0.0007	177	4.00E-14	A	YSPRTPDRVSEADIQRLLHGVMEQLGIARPR	V	
CID	*	5,6	6	gi|1585794		Neuroendocrine protein 7B2	712.9848	5	3559.8794	0.0083	122	1.20E-08	A	YSPRTPDRVSEADIQRLLHGVMEQLGIARPR	V	
CID	*	4	4	gi|116496847		Disintegrin and metalloproteinase domain-containing protein 10 (ADAM10)	571.2820	4	2281.0988	0.0000	80	0.00018	R	HYEGLSYNVDSLHQKHQRA	K	
ETD	*	4	4	gi|116496847		Disintegrin and metalloproteinase domain-containing protein 10 (ADAM10)	571.2821	4	2281.0988	0.0007	112	1.10E-07	R	HYEGLSYNVDSLHQKHQRA	K	
ETD				gi|116496847		Disintegrin and metalloproteinase domain-containing protein 10 (ADAM10)	615.1459	6	3684.8298	0.0021	122	1.80E-08	G	GQYGNPLNKYIRHYEGLSYNVDSLHQKHQRA	K	
CID	*	5	5	gi|116496847		Disintegrin and metalloproteinase domain-containing protein 10 (ADAM10)	507.4499	5	2532.2159	-0.0030	66	0.0048	R	AVSHEDGFLRLDFHAHGRHFN	L	
ETD	*	5	5	gi|116496847		Disintegrin and metalloproteinase domain-containing protein 10 (ADAM10)	507.4502	5	2532.2159	-0.0016	80	0.0002	R	AVSHEDGFLRLDFHAHGRHFN	L	
CID				gi|116496847		Disintegrin and metalloproteinase domain-containing protein 10 (ADAM10)	890.7510	3	2669.2279	0.0034	79	0.00018	K	YGMTGVEEVTQIPQEEHAANGFEL	L	
ETD	*	3	3,4	gi|116496847		Disintegrin and metalloproteinase domain-containing protein 10 (ADAM10)	514.4974	4	2053.9606	-0.0001	123	6.10E-09	R	HYEGLSYNVDSLHQKHQ	R	
CID	*	**3**	**3,4**	**gi|116496847**		**Disintegrin and metalloproteinase domain-containing protein 10 (ADAM10)**	**685.6610**	**3**	**2053.9606**	**0.0006**	**63**	**0.0064**	**R**	**HYEGLSYNVDSLHQKHQ**	**R**	
CID				gi|116496847		Disintegrin and metalloproteinase domain-containing protein 10 (ADAM10)	928.4454	3	2782.3120	0.0023	83	9.60E-05	K	YGMTGVEEVTQIPQEEHAANGFELL	R	
ETD	*	5	5	gi|116496847		Disintegrin and metalloproteinase domain-containing protein 10 (ADAM10)	677.7367	5	3383.6435	0.0036	112	1.40E-07	G	GYGNPLNKYIRHYEGLSYNVDSLHQKHQ	R	Gln->pyro-Glu (N-term Q)
CID	*	5	5	gi|116496847		Disintegrin and metalloproteinase domain-containing protein 10 (ADAM10)	677.7368	5	3383.6435	0.0041	70	0.0024	G	GYGNPLNKYIRHYEGLSYNVDSLHQKHQ	R	Gln->pyro-Glu (N-term Q)
ETD	*	5	5	gi|116496847		Disintegrin and metalloproteinase domain-containing protein 10 (ADAM10)	692.5463	5	3457.6915	0.0034	150	2.70E-11	G	GQYGNPLNKYIRHYEGLSYNVDSLHQKHQ	R	
CID	*	5	5	gi|116496847		Disintegrin and metalloproteinase domain-containing protein 10 (ADAM10)	692.5464	5	3457.6915	0.0041	100	2.60E-06	G	GQYGNPLNKYIRHYEGLSYNVDSLHQKHQ	R	
ETD	*	2,3	3	gi|3282161		Transforming growth factor-beta-induced protein ig-h3 (TGFBI)	487.6144	3	1459.8221	-0.0006	62	0.0054	R	LAPVYQKLLERM	K	
CID	*	2,3	3	gi|3282161		Transforming growth factor-beta-induced protein ig-h3 (TGFBI)	730.9198	2	1459.8221	0.0030	71	0.00062	R	LAPVYQKLLERM	K	
ETD	*	3	3	gi|3282161		Transforming growth factor-beta-induced protein ig-h3 (TGFBI)	771.7185	3	2312.1284	0.0052	73	0.00085	R	GDELADSALEIFKQASAFSRAS	Q	
CID	*	3	3	gi|3282161		Transforming growth factor-beta-induced protein ig-h3 (TGFBI)	771.7191	3	2312.1284	0.0071	73	0.0009	R	GDELADSALEIFKQASAFSRAS	Q	
CID				gi|3282161		Transforming growth factor-beta-induced protein ig-h3 (TGFBI)	587.3478	2	1172.6805	0.0006	50	0.051	R	LAPVYQKLLE	R	
ETD	*	2,3	3	gi|3282161		Transforming growth factor-beta-induced protein ig-h3 (TGFBI)	666.9949	3	1997.9582	0.0047	114	6.40E-08	R	GDELADSALEIFKQASAFS	R	
CID	*	2,3	3	gi|3282161		Transforming growth factor-beta-induced protein ig-h3 (TGFBI)	999.9890	2	1997.9582	0.0053	76	0.00045	R	GDELADSALEIFKQASAFS	R	
ETD	*	2,3,4	3,4	gi|3282161		Transforming growth factor-beta-induced protein ig-h3 (TGFBI)	611.0545	4	2440.1870	0.0020	164	7.90E-13	R	GDELADSALEIFKQASAFSRASQ	R	
CID	*	2,3,4	3,4	gi|3282161		Transforming growth factor-beta-induced protein ig-h3 (TGFBI)	1221.1034	2	2440.1870	0.0053	174	7.00E-14	R	GDELADSALEIFKQASAFSRASQ	R	
CID				gi|3282161		Transforming growth factor-beta-induced protein ig-h3 (TGFBI)	637.9836	3	1910.9261	0.0029	83	8.00E-05	R	GDELADSALEIFKQASAF	S	
CID		5,6		gi|76880478		calcitonin gene-related peptide 1 precursor	1172.4003	5	5856.9479	0.0172	208	6.80E-17	A	APFRSALESSPADPATLSEDEARLLLAALVQDYVQMKASELEQEQEREGSRII	A	
ETD	*	2	3	gi|76880478		calcitonin gene-related peptide 1 precursor	641.0152	3	1920.0218	0.0019	105	4.10E-07	R	SGGVVKNNFVPTNVGSKAF	G	Amidated (C-term)
CID	*	2	3	gi|76880478		calcitonin gene-related peptide 1 precursor	961.0197	2	1920.0218	0.0031	87	2.70E-05	R	SGGVVKNNFVPTNVGSKAF	G	Amidated (C-term)
ETD	*	3	3	gi|76880478		calcitonin gene-related peptide 1 precursor	693.0486	3	2076.1229	0.0013	107	2.30E-07	S	RSGGVVKNNFVPTNVGSKAF	G	Amidated (C-term)
CID	*	3	3	gi|76880478		calcitonin gene-related peptide 1 precursor	693.0488	3	2076.1229	0.0017	58	0.018	S	RSGGVVKNNFVPTNVGSKAF	G	Amidated (C-term)
ETD	*	3,4	3,4	gi|76880478		calcitonin gene-related peptide 1 precursor	598.3381	4	2389.3230	0.0004	162	5.40E-13	G	LLSRSGGVVKNNFVPTNVGSKAF	G	Amidated (C-term)
CID	*	3,4	3,4	gi|76880478		calcitonin gene-related peptide 1 precursor	797.4499	3	2389.3230	0.0050	119	1.10E-08	G	LLSRSGGVVKNNFVPTNVGSKAF	G	Amidated (C-term)
CID	*	3,4	3,4	gi|76880478		calcitonin gene-related peptide 1 precursor	877.8305	3	2630.4657	0.0039	98	1.20E-06	R	LAGLLSRSGGVVKNNFVPTNVGSKAF	G	Amidated (C-term)
ETD	*	3,4	3,4	gi|76880478		calcitonin gene-related peptide 1 precursor	658.6247	4	2630.4657	0.0041	162	4.30E-13	R	LAGLLSRSGGVVKNNFVPTNVGSKAF	G	Amidated (C-term)
CID				gi|76880478		calcitonin gene-related peptide 1 precursor	763.8831	2	1525.7485	0.0032	62	0.0088	E	QEGEREGSRIIAQ	K	Gln->pyro-Glu (N-term Q)
CID				gi|76880478		calcitonin gene-related peptide 1 precursor	595.9753	3	1784.9016	0.0024	68	0.0022	E	LEQEGEREGSRIIAQ	K	
ETD	*	3	3,4	gi|76880478		calcitonin gene-related peptide 1 precursor	551.0343	4	2200.1083	-0.0004	129	2.40E-09	M	KASELEQEGEREGSRIIAQ	K	
CID	*	3	3,4	gi|76880478		calcitonin gene-related peptide 1 precursor	734.3780	3	2200.1083	0.0039	96	4.90E-06	M	KASELEQEGEREGSRIIAQ	K	
ETD	*	2,4	3,4	gi|76880478		calcitonin gene-related peptide 1 precursor	583.7944	4	2331.1488	-0.0002	169	2.60E-13	Q	MKASELEQEGEREGSRIIAQ	K	
CID	*	2,4	3,4	gi|76880478		calcitonin gene-related peptide 1 precursor	583.7948	4	2331.1488	0.0014	78	0.00032	Q	MKASELEQEGEREGSRIIAQ	K	
CID	*	3,4	4	gi|76880478		calcitonin gene-related peptide 1 precursor	640.5753	4	2558.2758	-0.0036	93	9.70E-06	Y	VQMKASELEQEGEREGSRIIAQ	K	
ETD	*	3,4	4	gi|76880478		calcitonin gene-related peptide 1 precursor	640.5761	4	2558.2758	-0.0005	171	1.60E-13	Y	VQMKASELEQEGEREGSRIIAQ	K	
ETD	*	3,4	3,4	gi|76880478		calcitonin gene-related peptide 1 precursor	681.3429	4	2721.3391	0.0036	160	2.40E-12	D	YVQMKASELEQEGEREGSRIIAQ	K	
CID	*	3,4	3,4	gi|76880478		calcitonin gene-related peptide 1 precursor	681.3430	4	2721.3391	0.0038	133	1.10E-09	D	YVQMKASELEQEGEREGSRIIAQ	K	
CID				gi|76880478		calcitonin gene-related peptide 1 precursor	1220.3095	3	3657.9035	0.0031	57	0.049	R	LLLAALVQDYVQMKASELEQEQEREGSRIIAQ	K	
CID	*	4,5	5	gi|76880478		calcitonin gene-related peptide 1 precursor	946.4914	5	4727.4075	0.0129	225	9.90E-19	D	PATLSEDEARLLLAALVQDYVQMKASELEQEQEREGSRIIAQ	K	
ETD	*	4,5	5	gi|76880478		calcitonin gene-related peptide 1 precursor	946.4948	5	4727.4075	0.0301	163	2.00E-12	D	PATLSEDEARLLLAALVQDYVQMKASELEQEQEREGSRIIAQ	K	
CID				gi|76880478		calcitonin gene-related peptide 1 precursor	1297.1590	4	5184.5884	0.0185	198	6.10E-16	E	SSPADPATLSEDEARLLLAALVQDYVQMKASELEQEQEREGSRIIAQ	K	
CID				gi|76880478		calcitonin gene-related peptide 1 precursor	1063.7351	5	5313.6310	0.0081	106	8.20E-07	L	ESSPADPATLSEDEARLLLAALVQDYVQMKASELEQEQEREGSRIIAQ	K	
CID				gi|76880478		calcitonin gene-related peptide 1 precursor	1086.3543	5	5426.7150	0.0201	221	3.10E-18	A	LESSPADPATLSEDEARLLLAALVQDYVQMKASELEQEQEREGSRIIAQ	K	
CID	*	5,6	5	gi|76880478		calcitonin gene-related peptide 1 precursor	931.8078	6	5584.7842	0.0188	128	6.30E-09	R	SALESSPADPATLSEDEARLLLAALVQDYVQMKASELEQEQEREGSRIIAQ	K	
ETD	*	5,6	5	gi|76880478		calcitonin gene-related peptide 1 precursor	1117.9688	5	5584.7842	0.0234	121	3.10E-08	R	SALESSPADPATLSEDEARLLLAALVQDYVQMKASELEQEQEREGSRIIAQ	K	
CID		5,6		gi|76880478		calcitonin gene-related peptide 1 precursor	1149.1876	5	5740.8853	0.0163	187	7.90E-15	F	RSALESSPADPATLSEDEARLLLAALVQDYVQMKASELEQEQEREGSRIIAQ	K	
CID	*	6,7,8	5,6,7	gi|76880478		calcitonin gene-related peptide 1 precursor	1010.3515	6	6056.0436	0.0218	233	1.80E-19	A	APFRSALESSPADPATLSEDEARLLLAALVQDYVQMKASELEQEQEREGSRIIAQ	K	
ETD	*	6,7,8	5,6,7	gi|76880478		calcitonin gene-related peptide 1 precursor	1010.3523	6	6056.0436	0.0266	98	5.80E-06	A	APFRSALESSPADPATLSEDEARLLLAALVQDYVQMKASELEQEQEREGSRIIAQ	K	
ETD	*	3	3	gi|76880478		calcitonin gene-related peptide 1 precursor	881.7805	3	2642.3187	0.0008	74	0.00079	A	APFRSALESSPADPATLSEDEARLL	L	
ETD	*	3,4	4,5	gi|76880478		calcitonin gene-related peptide 1 precursor	936.7369	4	3742.9053	0.0132	152	1.80E-11	A	APFRSALESSPADPATLSEDEARLLLAALVQDYVQ	M	
CID	*	4	3	gi|76880478		calcitonin gene-related peptide 1 precursor	551.7795	4	2203.0902	-0.0013	59	0.022	Q	MKASELEQEGEREGSRIIA	Q	
ETD	*	4	3	gi|76880478		calcitonin gene-related peptide 1 precursor	735.3714	3	2203.0902	0.0021	81	0.00015	Q	MKASELEQEGEREGSRIIA	Q	
ETD				gi|76880478		calcitonin gene-related peptide 1 precursor	608.5619	4	2430.2172	0.0012	131	1.80E-09	Y	VQMKASELEQEGEREGSRIIA	Q	
CID				gi|76880478		calcitonin gene-related peptide 1 precursor	865.4348	3	2593.2805	0.0019	72	0.0014	D	YVQMKASELEQEGEREGSRIIA	Q	
CID				gi|76880478		calcitonin gene-related peptide 1 precursor	920.8775	5	4599.3489	0.0022	122	2.10E-08	D	PATLSEDEARLLLAALVQDYVQMKASELEQEQEREGSRIIA	Q	
CID				gi|76880478		calcitonin gene-related peptide 1 precursor	1060.7412	5	5298.6565	0.0132	65	0.013	A	LESSPADPATLSEDEARLLLAALVQDYVQMKASELEQEQEREGSRIIA	Q	
CID				gi|76880478		calcitonin gene-related peptide 1 precursor	1092.3554	5	5456.7256	0.0150	67	0.0068	R	SALESSPADPATLSEDEARLLLAALVQDYVQMKASELEQEQEREGSRIIA	Q	
CID	*	5,6,7	6	gi|76880478		calcitonin gene-related peptide 1 precursor	1186.6056	5	5927.9850	0.0066	246	1.10E-20	A	APFRSALESSPADPATLSEDEARLLLAALVQDYVQMKASELEQEQEREGSRIIA	Q	
ETD	*	5,6,7	6	gi|76880478		calcitonin gene-related peptide 1 precursor	989.0071	6	5927.9850	0.0138	124	1.50E-08	A	APFRSALESSPADPATLSEDEARLLLAALVQDYVQMKASELEQEQEREGSRIIA	Q	

ETD				gi|76880478		calcitonin gene-related peptide 1 precursor	961.4953	3	2881.4556	0.0086	60	0.023	R	SALESSPADPATLSEDEARLLLAALVGD	Y		
ETD	*	3	4	gi|76880478		calcitonin gene-related peptide 1 precursor	839.1886	4	3352.7150	0.0103	208	3.80E-17	A	APFRSALESSPADPATLSEDEARLLLAALVGD	Y		
CID				gi|9945304		calcitonin gene-related peptide 2 precursor	1064.7405	5	5318.6463	0.0198	90	4.10E-05	R	SALESSPDPATLSKEDARLLLAALVGDYVGMKASELKGEQETQGSSSAAQ	K		
CID	*	5,6,7	5,6,7	gi|9945304		calcitonin gene-related peptide 2 precursor	1158.9913	5	5789.9057	0.0144	227	7.30E-19	A	APFRSALESSPDPATLSKEDARLLLAALVGDYVGMKASELKGEQETQGSSSAAQ	K		
ETD	*	5,6,7	5,6,7	gi|9945304		calcitonin gene-related peptide 2 precursor	965.9947	6	5789.9057	0.0191	158	5.80E-12	A	APFRSALESSPDPATLSKEDARLLLAALVGDYVGMKASELKGEQETQGSSSAAQ	K		
CID				gi|4502545		calcitonin precursor	634.3118	3	1899.9122	0.0014	54	0.059	D	LERDHRPHVSMPQNAN	-		
CID				gi|4502545		calcitonin precursor	730.6769	3	2189.0032	0.0057	62	0.0082	M	SSDLERDHRPHVSMPQNAN	-		
CID	*	3	3,4	gi|4502545		calcitonin precursor	812.6978	3	2435.0706	0.0011	61	0.0056	R	DMSSDLERDHRPHVSMPQNAN	-		
ETD	*	3	3,4	gi|4502545		calcitonin precursor	609.7762	4	2435.0706	0.0049	93	3.40E-06	R	DMSSDLERDHRPHVSMPQNAN	-		
ETD				gi|4502545		calcitonin precursor	648.8000	4	2591.1717	-0.0008	58	0.016	K	RDMSSDLERDHRPHVSMPQNAN	-		
ETD			3,4	gi|4502545		calcitonin precursor	751.0051	3	2249.9906	0.0028	73	0.00039	R	DMSSDLERDHRPHVSMPQN	A		
CID				gi|4502545		calcitonin precursor	721.3836	2	1440.7514	0.0012	77	0.00028	K	FHTFPQTAIGVGAP	G	Amidated (C-term)	
ETD	*	2	3	gi|4502545		calcitonin precursor	561.9700	3	1682.8893	-0.0011	87	2.60E-05	F	NKFHTFPQTAIGVGAP	G	Amidated (C-term)	
CID	*	2	3	gi|4502545		calcitonin precursor	842.4535	2	1682.8893	0.0031	67	0.0026	F	NKFHTFPQTAIGVGAP	G	Amidated (C-term)	
ETD				gi|4502545		calcitonin precursor	610.9921	3	1829.9577	-0.0031	75	0.00054	D	FNKFHTFPQTAIGVGAP	G	Amidated (C-term)	
ETD				gi|4502545		calcitonin precursor	725.7052	3	2174.0909	0.0029	96	5.40E-06	Y	TQDFNKFHTFPQTAIGVGAP	G	Amidated (C-term)	
CID	*	2,3	3	gi|4502545		calcitonin precursor	1169.5874	2	2337.1542	0.0060	73	0.00091	T	YTQDFNKFHTFPQTAIGVGAP	G	Amidated (C-term)	
ETD	*	2,3	3	gi|4502545		calcitonin precursor	780.0611	3	2337.1542	0.0073	88	2.90E-05	T	YTQDFNKFHTFPQTAIGVGAP	G	Amidated (C-term)	
ETD				gi|4502545		calcitonin precursor	813.7426	3	2438.2019	0.0042	82	0.00013	G	TYTQDFNKFHTFPQTAIGVGAP	G	Amidated (C-term)	
ETD				gi|4502545		calcitonin precursor	832.7513	3	2495.2234	0.0085	59	0.026	L	GTYTQDFNKFHTFPQTAIGVGAP	G	Amidated (C-term)	
ETD				gi|4502545		calcitonin precursor	486.5525	3	1456.6365	-0.0009	57	0.012	R	DMSSDLERDHRP	H		
CID				gi|4502545		calcitonin precursor	649.6408	3	1945.8977	0.0029	84	5.40E-05	E	LEQEQEREGSSLDSPRS	K		
ETD	*	3	3	gi|4502545		calcitonin precursor	721.6650	3	2161.9723	0.0010	82	6.50E-05	A	SELEQEQEREGSSLDSPRS	K		
CID	*	3	3	gi|4502545		calcitonin precursor	721.6657	3	2161.9723	0.0030	61	0.0084	A	SELEQEQEREGSSLDSPRS	K		
CID	*	2,3	3	gi|4502545		calcitonin precursor	745.3445	3	2233.0094	0.0022	139	1.20E-10	K	ASELEQEQEREGSSLDSPRS	K		
ETD	*	2,3	3	gi|4502545		calcitonin precursor	745.3447	3	2233.0094	0.0028	103	5.20E-07	K	ASELEQEQEREGSSLDSPRS	K		
ETD	*	3,4	3,4	gi|4502545		calcitonin precursor	591.2834	4	2361.1044	0.0000	158	2.30E-12	M	KASELEQEQEREGSSLDSPRS	K		
CID	*	3,4	3,4	gi|4502545		calcitonin precursor	788.0438	3	2361.1044	0.0052	124	6.00E-09	M	KASELEQEQEREGSSLDSPRS	K		
CID	*	3,4	3,4	gi|4502545		calcitonin precursor	831.7213	3	2492.1449	-0.0027	133	5.50E-10	Q	MKASELEQEQEREGSSLDSPRS	K		
ETD	*	3,4	3,4	gi|4502545		calcitonin precursor	624.0439	4	2492.1449	0.0017	176	3.10E-14	Q	MKASELEQEQEREGSSLDSPRS	K		
ETD	*	3,4	4	gi|4502545		calcitonin precursor	680.8257	4	2719.2719	0.0017	121	1.10E-08	Y	VQMKASELEQEQEREGSSLDSPRS	K		
CID	*	3,4	4	gi|4502545		calcitonin precursor	907.4320	3	2719.2719	0.0024	69	0.0018	Y	VQMKASELEQEQEREGSSLDSPRS	K		
ETD	*	3	3	gi|4502545		calcitonin precursor	961.7873	3	2882.3352	0.0049	56	0.037	D	YVQMKASELEQEQEREGSSLDSPRS	K		
CID	*	3	3	gi|4502545		calcitonin precursor	961.7878	3	2882.3352	0.0063	128	2.20E-09	D	YVQMKASELEQEQEREGSSLDSPRS	K		
CID	*	3,4	4	gi|4502545		calcitonin precursor	955.7348	4	3818.8996	0.0104	159	3.80E-12	R	LLLAALVGDYVQMKASELEQEQEREGSSLDSPRS	K		
ETD	*	3,4	4	gi|4502545		calcitonin precursor	955.7345	4	3818.8996	0.0094	113	1.50E-07	R	LLLAALVGDYVQMKASELEQEQEREGSSLDSPRS	K		
CID	*	4,5,6	5,6	gi|4502545		calcitonin precursor	978.6891	5	4888.4036	0.0057	225	1.10E-18	D	PATLSEDEARLLLAALVGDYVQMKASELEQEQEREGSSLDSPRS	K		
ETD	*	4,5,6	5,6	gi|4502545		calcitonin precursor	815.7431	6	4888.4036	0.0111	174	1.20E-13	D	PATLSEDEARLLLAALVGDYVQMKASELEQEQEREGSSLDSPRS	K		
CID				gi|4502545		calcitonin precursor	1293.8910	4	5171.5204	0.0145	181	2.80E-14	S	PADPATLSEDEARLLLAALVGDYVQMKASELEQEQEREGSSLDSPRS	K		
ETD	*	5	5	gi|4502545		calcitonin precursor	1118.5505	5	5587.7111	0.0050	78	0.00046	A	LESSPADPATLSEDEARLLLAALVGDYVQMKASELEQEQEREGSSLDSPRS	K		
CID	*	5	5	gi|4502545		calcitonin precursor	1118.5517	5	5587.7111	0.0110	178	4.70E-14	A	LESSPADPATLSEDEARLLLAALVGDYVQMKASELEQEQEREGSSLDSPRS	K		
CID	*	5,6	5	gi|4502545		calcitonin precursor	1150.1648	5	5745.7802	0.0074	123	1.50E-08	R	SALESSPADPATLSEDEARLLLAALVGDYVQMKASELEQEQEREGSSLDSPRS	K		
ETD	*	5,6	5	gi|4502545		calcitonin precursor	1150.1656	5	5745.7802	0.0114	88	4.90E-05	R	SALESSPADPATLSEDEARLLLAALVGDYVQMKASELEQEQEREGSSLDSPRS	K		
CID				gi|4502545		calcitonin precursor	1181.3859	5	5901.8813	0.0118	137	7.30E-10	F	RSALESSPADPATLSEDEARLLLAALVGDYVQMKASELEQEQEREGSSLDSPRS	K		
CID		5,6		gi|4502545		calcitonin precursor	1210.8013	5	6048.9498	0.0204	155	1.10E-11	P	FRSALESSPADPATLSEDEARLLLAALVGDYVQMKASELEQEQEREGSSLDSPRS	K		
ETD	*	5,6,7,8	6,7	gi|4502545		calcitonin precursor	889.1589	7	6217.0396	0.0220	159	5.00E-12	A	APFRSALESSPADPATLSEDEARLLLAALVGDYVQMKASELEQEQEREGSSLDSPRS	K		
CID	*	5,6,7,8	6,7	gi|4502545		calcitonin precursor	1037.1832	6	6217.0396	0.0159	246	1.30E-19	A	APFRSALESSPADPATLSEDEARLLLAALVGDYVQMKASELEQEQEREGSSLDSPRS	K		
ETD				gi|4502545		calcitonin precursor	1260.4092	5	6297.0960	0.0036	65	0.016	A	APFRSALESSPADPATLSEDEARLLLAALVGDYVQMKA SELEQEQEREGSSLDSPRS	K	Phospho (ST)	
ETD			3,4	gi|4502545		calcitonin precursor	445.9560	4	1779.7958	-0.0010	72	0.00052	R	DMSSDLERDHRPHVS	M		
ETD				gi|4502545		calcitonin precursor	534.9941	4	2135.9477	-0.0004	103	3.70E-07	R	DMSSDLERDHRPHVSMPQ	N		
CID	*	3	3,4	gi|4502545		calcitonin precursor	774.6847	3	2321.0277	0.0044	56	0.018	R	DMSSDLERDHRPHVSMPQNA	N		
ETD	*	3	3,4	gi|4502545		calcitonin precursor	581.2640	4	2321.0277	-0.0007	103	3.80E-07	R	DMSSDLERDHRPHVSMPQNA	N		
ETD				gi|4502545		calcitonin precursor	502.9791	4	2007.8891	-0.0019	59	0.0094	R	DMSSDLERDHRPHVSMP	Q		
CID				gi|4502545		calcitonin precursor	880.7417	3	2639.2020	0.0011	113	5.80E-08	D	YVQMKASELEQEQEREGSSLDSP	R		
CID		4,5		gi|4502545		calcitonin precursor	1162.3273	4	4645.2704	0.0097	119	3.60E-08	D	PATLSEDEARLLLAALVGDYVQMKASELEQEQEREGSSLDSP	R		
ETD	*	5,6	5,6,7	gi|4502545		calcitonin precursor	996.6613	6	5973.9065	0.0174	134	1.50E-09	A	APFRSALESSPADPATLSEDEARLLLAALVGDYVQMKASELEQEQEREGSSLDSP	R		
CID	*	5,6	5,6,7	gi|4502545		calcitonin precursor	996.6623	6	5973.9065	0.0237	175	1.20E-13	A	APFRSALESSPADPATLSEDEARLLLAALVGDYVQMKASELEQEQEREGSSLDSP	R		
CID				gi|4502545		calcitonin precursor	1058.5331	6	6345.1346	0.0204	106	9.50E-07	A	APFRSALESSPADPATLSEDEARLLLAALVGDYVQMKASELEQEQEREGSSLDSPRSK	R		
CID				gi|4502545		calcitonin precursor	716.3334	3	2145.9774	0.0010	98	1.80E-06	K	ASELEQEQEREGSSLDSPR	S		
CID				gi|4502545		calcitonin precursor	1101.1489	5	5500.6791	0.0291	61	0.042	A	LESSPADPATLSEDEARLLLAALVGDYVQMKASELEQEQEREGSSLDSPR	S		
CID				gi|4502545		calcitonin precursor	1158.9769	5	5789.8217	0.0264	94	1.30E-05	A	APFRSALESSPADPATLSEDEARLLLAALVGDYVQMKASELEQEQEREGSSLD	S		
CID				gi|4502545		calcitonin precursor	1227.0118	5	6130.0076	0.0150	63	0.018	A	APFRSALESSPADPATLSEDEARLLLAALVGDYVQMKASELEQEQEREGSSLDSPR	S		
CID				gi|76880478	gi|4502545	calcitonin/CGRP-1	1001.5195	4	4002.0408	0.0081	98	4.10E-06	A	APFRSALESSPADPATLSEDEARLLLAALVGDYVQMK	A		
CID				gi|76880478	gi|4502545	calcitonin/CGRP-1	1135.2392	3	3402.6864	0.0094	86	6.90E-05	R	SALESSPADPATLSEDEARLLLAALVGDYVQM	K		
CID		3,4		gi|76880478	gi|4502545	calcitonin/CGRP-1	1292.3264	3	3873.9458	0.0116	125	8.20E-09	A	APFRSALESSPADPATLSEDEARLLLAALVGDYVQM	K		
CID				gi|76880478	gi|4502545	calcitonin/CGRP-1	657.8484	2	1313.6827	-0.0003	62	0.0091	D	PATLSEDEARLL	L		
CID				gi|76880478	gi|4502545	calcitonin/CGRP-1	1007.5045	2	2012.9902	0.0043	81	0.00013	A	LESSPADPATLSEDEARLL	L		
CID				gi|76880478	gi|4502545	calcitonin/CGRP-1	806.3900	3	2416.1506	-0.0025	90	1.50E-05	A	APFRSALESSPADPATLSEDEAR	L		
CID	*	3	3	gi|76880478	gi|4502545	calcitonin/CGRP-1	881.7821	3	2642.3187	0.0057	120	2.20E-08	A	APFRSALESSPADPATLSEDEARLL	L		
CID				gi|76880478	gi|4502545	calcitonin/CGRP-1	966.8339	3	2897.4770	0.0030	84	8.60E-05	A	APFRSALESSPADPATLSEDEARLLLAA	L		
CID	*	3,4	4,5	gi|76880478	gi|4502545	calcitonin/CGRP-1	1248.6456	3	3742.9053	0.0096	87	5.00E-05	A	APFRSALESSPADPATLSEDEARLLLAALVGDYVQ	M		
CID				gi|76880478	gi|4502545	calcitonin/CGRP-1	674.3311	2	1346.6466	0.0010	70	0.0012	A	APFRSALESSPAD	P		
CID				gi|76880478	gi|4502545	calcitonin/CGRP-1	1198.1058	4	4788.3803	0.0138	122	2.10E-08	A	APFRSALESSPADPATLSEDEARLLLAALVGDYVQMKASELEQE	Q		
CID				gi|76880478	gi|4502545	calcitonin/CGRP-1	1131.0340	2	2260.0495	0.0039	87	2.70E-05	A	APFRSALESSPADPATLSEDEA	R		
CID				gi|76880478	gi|4502545	calcitonin/CGRP-1	1144.5669	4	4574.2221	0.0164	115	1.00E-07	R	SALESSPADPATLSEDEARLLLAALVGDYVQMKASELEQEQE	R		
CID		4,5,6		gi|76880478	gi|4502545	calcitonin/CGRP-1	1262.3796	4	5045.4815	0.0078	179	3.90E-14	A	APFRSALESSPADPATLSEDEARLLLAALVGDYVQMKASELEQEQE	R		
CID				gi|76880478	gi|4502545	calcitonin/CGRP-1	913.4563	6	5474.6787	0.0157	103	2.00E-06	A	APFRSALESSPADPATLSEDEARLLLAALVGDYVQMKASELEQEQEREGS	S		
CID				gi|76880478	gi|4502545	calcitonin/CGRP-1	1172.9368	3	3515.7783	0.0102	86	6.40E-05	A	APFRSALESSPADPATLSEDEARLLLAALVGDY	V		
CID	*	2,3	3	gi|76880478	gi|4502545	calcitonin/CGRP-1	1013.0479	2	2024.0789	0.0023	68	0.0021	D	PATLSEDEARLLLAALVGD	Y		
ETD	*	2,3	3	gi|76880478	gi|4502545	calcitonin/CGRP-1	675.7011	3	2024.0789	0.0026	123	6.60E-09	D	PATLSEDEARLLLAALVGD	Y		

CID				gi76880478	gi4502545	calcitonin/CGRP-1	1062.5524	3	3184.6251	0.0102	72	0.0015	P	FRSALESSPADPATLSEDEARLLLAALVQD		Y	
CID	*	3	4	gi76880478	gi4502545	calcitonin/CGRP-1	1118.5785	3	3352.7150	-0.0013	107	4.60E-07	A	APFRSALESSPADPATLSEDEARLLLAALVQD		Y	
CID				gi40225646		Chromogranin A	934.4603	4	3733.8030	0.0091	59	0.029	K	EEEGSANRRPEDGELSLSAEAELEKVAHQLQ		A	
CID	*	4,5,6	5,6	gi40225646		Chromogranin A	1142.3163	4	4565.2157	0.0204	72	0.0017	R	GYPEEKKEEEGSANRRPEDGELSLSAEAELEKVAHQLQ		A	
ETD	*	4,5,6	5,6	gi40225646		Chromogranin A	761.8813	6	4565.2157	0.0285	191	3.00E-15	R	GYPEEKKEEEGSANRRPEDGELSLSAEAELEKVAHQLQ		A	
CID				gi40225646		Chromogranin A	1207.6825	8	9653.3868	0.0150	111	5.10E-06	R	EDSKEAEKSGEATDGARPGALPEPMQESKAEGNNGAPGEEEEEEEEEATNTHPPASLPSQKYPGPQAEGDSEGLSGQLVDREKGLSAEPGWQ		A	
ETD				gi40225646		Chromogranin A	445.5708	3	1333.6911	-0.0005	78	0.00023	W	SKMDQLAKELTA		E	
ETD	*	2	3	gi40225646		Chromogranin A	507.5968	3	1519.7704	-0.0019	101	1.40E-06	R	WSKMDQLAKELTA		E	
CID	*	2	3	gi40225646		Chromogranin A	760.8929	2	1519.7704	0.0008	64	0.0058	R	WSKMDQLAKELTA		E	
CID	*	3	4	gi40225646		Chromogranin A	1259.9177	3	3776.7210	0.0102	201	1.10E-16	K	HSGFEDELSEVLENGSSQAELKEAVEEPSSKDVM		E	
ETD	*	3	4	gi40225646		Chromogranin A	945.1905	4	3776.7210	0.0120	127	2.40E-09	K	HSGFEDELSEVLENGSSQAELKEAVEEPSSKDVM		E	
CID	*	2,3	3	gi40225646		Chromogranin A	699.3079	3	2094.9011	0.0009	81	3.80E-05	R	LEGQEEEEDNRDSSMKLS		F	
ETD	*	2,3	3	gi40225646		Chromogranin A	699.3082	3	2094.9011	0.0016	109	6.80E-08	R	LEGQEEEEDNRDSSMKLS		F	
ETD	*	6,7,8	7,8	gi40225646		Chromogranin A	723.9445	7	5060.5550	0.0054	212	2.30E-17	R	GYPEEKKEEEGSANRRPEDGELSLSAEAELEKVAHQLQALRR		G	Amidated (C-term)
CID	*	6,7,8	7,8	gi40225646		Chromogranin A	844.4351	6	5060.5550	0.0119	126	1.30E-07	R	GYPEEKKEEEGSANRRPEDGELSLSAEAELEKVAHQLQALRR		G	Amidated (C-term)
CID	*	6	6	gi40225646		Chromogranin A	939.9521	6	5633.6564	0.0123	57	0.046	R	KGESRSEALAVDGAGKPGAEEAGDPEGKGEGEHSGQKEEEEEMAVVPQGLFRG		G	Amidated (C-term)
ETD	*	6	6	gi40225646		Chromogranin A	939.9530	6	5633.6564	0.0178	136	5.70E-10	R	KGESRSEALAVDGAGKPGAEEAGDPEGKGEGEHSGQKEEEEEMAVVPQGLFRG		G	Amidated (C-term)
CID				gi40225646		Chromogranin A	809.5455	8	6468.2908	0.0152	65	0.013	R	EDSLEAGLPLQVRGYPEEKKEEEGSANRRPEDGELSLSAEAELEKVAHQLQALRR		G	Amidated (C-term)
ETD				gi40225646		Chromogranin A	459.5743	3	1375.7017	-0.0007	88	2.40E-05	S	KMDQLAKELTAE		K	
ETD	*	3	3	gi40225646		Chromogranin A	488.5850	3	1462.7337	-0.0004	73	0.00067	W	SKMDQLAKELTAE		K	
CID	*	3	3	gi40225646		Chromogranin A	488.5854	3	1462.7337	0.0006	63	0.0077	W	SKMDQLAKELTAE		K	
ETD				gi40225646		Chromogranin A	564.2784	3	1689.8131	0.0004	75	0.00051	E	LKEAVEEPSSKDVME		K	
ETD	*	2	3	gi40225646		Chromogranin A	727.3269	3	2178.9552	0.0037	103	3.00E-07	K	SGELEGEERLSKEWEDS		K	
CID	*	2	3	gi40225646		Chromogranin A	1090.4874	2	2178.9552	0.0050	76	0.00015	K	SGELEGEERLSKEWEDS		K	
ETD	*	4	4	gi40225646		Chromogranin A	606.2808	4	2421.0931	0.0009	153	5.30E-12	R	GGKSGELEGEERLSKEWEDS		K	
CID	*	4	4	gi40225646		Chromogranin A	606.2811	4	2421.0931	0.0021	54	0.041	R	GGKSGELEGEERLSKEWEDS		K	
CID				gi40225646		Chromogranin A	926.1121	3	2775.3120	0.0025	69	0.0021	E	VLENGSSQAELKEAVEEPSSKDVME		K	
ETD	*	4	4	gi40225646		Chromogranin A	710.3443	4	2837.3467	0.0012	127	3.40E-09	G	LFRGGKSGELEGEERLSKEWEDS		K	
CID	*	4	4	gi40225646		Chromogranin A	710.3443	4	2837.3467	0.0014	94	7.00E-06	G	LFRGGKSGELEGEERLSKEWEDS		K	
CID				gi40225646		Chromogranin A	1228.2340	3	3681.6727	0.0075	175	3.20E-14	S	GFEDELSEVLENGSSQAELKEAVEEPSSKDVME		K	
CID				gi40225646		Chromogranin A	1257.2455	3	3768.7047	0.0100	161	8.90E-13	H	SGFEDELSEVLENGSSQAELKEAVEEPSSKDVME		K	
CID				gi40225646		Chromogranin A	1284.8962	3	3851.6544	0.0124	105	1.10E-07	R	EEEEEEEEEAEAGEEAVPEEEGPTVVLNPHPSLGY		K	
ETD	*	4	4	gi40225646		Chromogranin A	977.4494	4	3905.7636	0.0049	181	7.20E-15	K	HSGFEDELSEVLENGSSQAELKEAVEEPSSKDVME		K	
CID	*	4	4	gi40225646		Chromogranin A	977.4507	4	3905.7636	0.0099	125	2.90E-09	K	HSGFEDELSEVLENGSSQAELKEAVEEPSSKDVME		K	
ETD	*	5	5	gi40225646		Chromogranin A	819.7983	5	4093.9538	0.0012	197	4.30E-16	K	SGELEGEERLSKEWEDSKRWSKMDQLAKELTAE		K	
CID	*	5	5	gi40225646		Chromogranin A	819.7987	5	4093.9538	0.0032	59	0.03	K	SGELEGEERLSKEWEDSKRWSKMDQLAKELTAE		K	
CID				gi40225646		Chromogranin A	1061.4969	7	7423.4094	0.0180	65	0.0037	R	SEALAVDGAGKPGAEEAGDPEGKGEGEHSGQKEEEEEMAVVPQGLFRGGKSGELEGEERLSKEWEDS		K	
CID				gi62898323		Chromogranin A	1141.1100	7	7980.7015	0.0175	85	5.40E-05	R	KGESRSEALAVDGAGKPGAEEAGDPEGKGEGEHSGQKEEEEEMAVVPQGLFRGGKSGELEGEERLSKEWEDS		K	
ETD	*	8	8,9,10,11	gi40225646		Chromogranin A	885.0488	11	9724.4239	0.0328	140	6.80E-09	R	EDSKEAEKSGEATDGARPGALPEPMQESKAEGNNGAPGEEEEEEEEEATNTHPPASLPSQKYPGPQAEGDSEGLSGQLVDREKGLSAEPGWQA		K	
CID	*	8	8,9,10,11	gi40225646		Chromogranin A	1216.5707	8	9724.4239	0.0435	102	4.20E-05	R	EDSKEAEKSGEATDGARPGALPEPMQESKAEGNNGAPGEEEEEEEEEATNTHPPASLPSQKYPGPQAEGDSEGLSGQLVDREKGLSAEPGWQA		K	
CID				gi40225646		Chromogranin A	525.2611	2	1048.5090	-0.0013	65	0.0036	R	AYGFRGPGPQ		L	
CID				gi40225646		Chromogranin A	1117.9925	2	2233.9611	0.0094	90	5.90E-06	K	HSGFEDELSEVLENGSSQAE		L	
CID	*	3,4	3,4	gi40225646		Chromogranin A	912.4282	4	3645.6805	0.0032	161	9.80E-13	K	HSGFEDELSEVLENGSSQAELKEAVEEPSSKDV		M	
ETD	*	3,4	3,4	gi40225646		Chromogranin A	912.4295	4	3645.6805	0.0082	199	1.60E-16	K	HSGFEDELSEVLENGSSQAELKEAVEEPSSKDV		M	
CID				gi40225646		Chromogranin A	1122.8587	6	6731.0917	0.0169	62	0.0074	R	EEEEEEEEEAEAGEEAVPEEEGPTVVLNPHPSLGYKEIRKGESRSEALAVDGAGKPGAEEAGD		P	
CID				gi40225646		Chromogranin A	546.2846	2	1090.5560	-0.0013	61	0.011	A	YGFRGPGPQL		R	
CID				gi40225646		Chromogranin A	581.8044	2	1161.5931	0.0013	80	0.00012	R	AYGFRGPGPQL		R	
ETD				gi40225646		Chromogranin A	463.9174	3	1388.7313	-0.0011	59	0.019	R	ARAYGFRGPGPQL		R	
CID				gi40225646		Chromogranin A	800.9154	2	1599.8104	0.0059	79	0.00017	P	SSREDSLEAGLPLQV		R	
ETD	*	2,3	3	gi40225646		Chromogranin A	618.6626	3	1852.9643	0.0017	81	0.00013	W	RPSSREDSLEAGLPLQV		R	
CID	*	2,3	3	gi40225646		Chromogranin A	927.4914	2	1852.9643	0.0040	72	0.00098	W	RPSSREDSLEAGLPLQV		R	
ETD				gi40225646		Chromogranin A	680.6901	3	2039.0436	0.0048	103	8.50E-07	G	WRPSSREDSLEAGLPLQV		R	
ETD	*	2,3	3	gi40225646		Chromogranin A	699.6973	3	2096.0650	0.0051	95	5.30E-06	R	GWRPSSREDSLEAGLPLQV		R	
CID	*	2,3	3	gi40225646		Chromogranin A	699.6973	3	2096.0650	0.0051	62	0.012	R	GWRPSSREDSLEAGLPLQV		R	
ETD			3,4	gi40225646		Chromogranin A	537.0354	4	2144.1140	-0.0016	91	1.20E-05	R	AYGFRGPGPQLRRGWRPSS		R	
ETD	*	2,3	3	gi40225646		Chromogranin A	748.3310	3	2241.9695	0.0017	95	1.80E-06	R	LEGQEEEEDNRDSSMKLSF		R	
CID	*	2,3	3	gi40225646		Chromogranin A	748.3314	3	2241.9695	0.0027	91	4.30E-06	R	LEGQEEEEDNRDSSMKLSF		R	
ETD			3,4	gi40225646		Chromogranin A	564.0483	4	2252.1662	-0.0020	103	9.20E-07	R	RGWRPSSREDSLEAGLPLQV		R	
ETD	*	3,4	3,4	gi40225646		Chromogranin A	618.2847	4	2469.1077	0.0019	136	2.30E-10	R	LEGQEEEEDNRDSSMKLSFRA		R	
CID	*	3,4	3,4	gi40225646		Chromogranin A	824.0444	3	2469.1077	0.0037	141	8.10E-11	R	LEGQEEEEDNRDSSMKLSFRA		R	
ETD			4,5	gi39644664		Chromogranin A	711.3779	5	3551.8498	0.0033	108	3.80E-07	R	AYGFRGPGPQLRRGWRPSSREDSLEAGLPLQV		R	
ETD	*	4	4,5,6	gi40225646		Chromogranin A	754.7667	5	3768.7914	0.0055	209	2.70E-17	R	LEGQEEEEDNRDSSMKLSFRARAYGFRGPGPQL		R	
CID	*	4	4,5,6	gi40225646		Chromogranin A	943.2068	4	3768.7914	0.0067	90	2.00E-05	R	LEGQEEEEDNRDSSMKLSFRARAYGFRGPGPQL		R	
CID				gi40225646		Chromogranin A	1056.4791	4	4221.8760	0.0113	85	2.30E-05	R	EEEEEEEEEAEAGEEAVPEEEGPTVVLNPHPSLGYKEI		R	
CID	*	5,6	5,6	gi40225646		Chromogranin A	950.8748	5	4749.3368	0.0007	120	2.90E-08	R	GYPEEKKEEEGSANRRPEDGELSLSAEAELEKVAHQLQAL		R	
ETD	*	5,6	5,6	gi40225646		Chromogranin A	792.5650	6	4749.3368	0.0097	212	2.20E-17	R	GYPEEKKEEEGSANRRPEDGELSLSAEAELEKVAHQLQAL		R	
ETD	*	6	5	gi40225646		Chromogranin A	951.2705	5	4751.3123	0.0037	103	1.60E-06	R	LEGQEEEEDNRDSSMKLSFRARAYGFRGPGPQLRRGWRPSS		R	
CID	*	6	5	gi40225646		Chromogranin A	792.8938	6	4751.3123	0.0068	61	0.023	R	LEGQEEEEDNRDSSMKLSFRARAYGFRGPGPQLRRGWRPSS		R	
CID				gi40225646		Chromogranin A	956.8425	5	4779.1682	0.0081	124	4.20E-09	R	EEEEEEEEEAEAGEEAVPEEEGPTVVLNPHPSLGYKEIRKGES		R	
ETD				gi40225646		Chromogranin A	493.5193	4	1970.0500	-0.0021	77	0.00027	R	AYGFRGPGPQLRRGWRP		S	
ETD	*	2	3	gi40225646		Chromogranin A	450.2356	3	1347.6856	-0.0006	79	0.00016	R	WSKMDQLAKEL		T	
CID	*	2	3	gi40225646		Chromogranin A	674.8501	2	1347.6856	0.0000	67	0.0029	R	WSKMDQLAKEL		T	
ETD	*	2	3	gi40225646		Chromogranin A	585.6388	3	1753.8958	-0.0013	67	0.0034	W	RPSSREDSLEAGLPLQ		V	
CID	*	2	3	gi40225646		Chromogranin A	877.9568	2	1753.8958	0.0031	58	0.027	W	RPSSREDSLEAGLPLQ		V	
ETD				gi40225646		Chromogranin A	666.6742	3	1996.9966	0.0042	81	0.00014	R	GWRPSSREDSLEAGLPLQ		V	
ETD				gi36439		gi158259795	Chromogranin B	561.8021	4	2243.1811	-0.0017	109	2.00E-07	R	GYDRVAQLDQLLHYRKKS		A	Gln->pyro-Glu (N-term Q)
CID	*	5	5,6	gi36439		gi158259795	Chromogranin B	814.8080	5	4068.9875	0.0161	110	3.20E-07	Q	GEDSSEEKHLEEPGETQNAFLNERKGASAIKKEELV		A	
ETD	*	5	5,6	gi36439		gi158259795	Chromogranin B	814.8081	5	4068.9875	0.0169	177	6.20E-14	Q	GEDSSEEKHLEEPGETQNAFLNERKGASAIKKEELV		A	
CID				gi36439		gi158259795	Chromogranin B	753.6980	6	4516.1438	0.0005	84	9.30E-05	R	NYPSLELDKMAHSYGEESEERGLEPGKGRHHRGRGGEPR		A	
CID		5,6		gi36439		gi158259795	Chromogranin B	786.5398	6	4713.1868	0.0086	128	2.70E-09	R	HPQGAWKELDRNYLNYGEEGAPGKWQQGGDLQDTKENREE		A	

CID				gi|36439		Chromogranin B	953.2316	5	4761.1159	0.0057	69	0.00075	R	DPADASEAHESSSRGEAGAPGEEDIQGPTKADTEKWAEGGQHSRER	A	
CID					gi|158259795	Chromogranin B	985.6281	5	4923.0986	0.0057	90	1.90E-06	R	EDEEEEEGENYQKGEGQEDSSEEKHLEEPGETQNAFLNERKQ	A	
CID				gi|36439		Chromogranin B	826.1992	6	4951.1411	0.0104	76	7.90E-05	R	EDEEEEEGENYQKGERGEDSSEEKHLEEPGETQNAFLNERKQ	A	
ETD	*	5	5		gi|158259795	Chromogranin B	1017.2422	5	5081.1677	0.0069	110	2.00E-08	R	EDEEEEEGENYQKGEGQEDSSEEKHLEEPGETQNAFLNERKQAS	A	
CID	*	5	5		gi|158259795	Chromogranin B	1017.2432	5	5081.1677	0.0119	138	3.90E-11	R	EDEEEEEGENYQKGEGQEDSSEEKHLEEPGETQNAFLNERKQAS	A	
CID				gi|36439		Chromogranin B	852.5434	6	5109.2103	0.0063	122	2.00E-09	R	EDEEEEEGENYQKGERGEDSSEEKHLEEPGETQNAFLNERKQAS	A	
CID	*	5,6,7	6,8		gi|158259795	Chromogranin B	999.6296	6	5991.7165	0.0178	175	2.80E-14	R	EDEEEEEGENYQKGEGQEDSSEEKHLEEPGETQNAFLNERKQASAIKKEELV	A	
ETD	*	5,6,7	6,8		gi|158259795	Chromogranin B	999.6297	6	5991.7165	0.0181	128	1.50E-09	R	EDEEEEEGENYQKGEGQEDSSEEKHLEEPGETQNAFLNERKQASAIKKEELV	A	
ETD	*	6,7	6,7	gi|36439		Chromogranin B	1004.3053	6	6019.7590	0.0292	182	9.40E-15	R	EDEEEEEGENYQKGERGEDSSEEKHLEEPGETQNAFLNERKQASAIKKEELV	A	
CID	*	6,7	6,7	gi|36439		Chromogranin B	1004.3068	6	6019.7590	0.0382	90	2.10E-05	R	EDEEEEEGENYQKGERGEDSSEEKHLEEPGETQNAFLNERKQASAIKKEELV	A	
CID		6,7		gi|36439	gi|158259795	Chromogranin B	864.9790	7	6047.7872	0.0150	80	0.00016	P	QGAWKELDRNYLNYGEEGAPGKWQQQGDLGDTKENREEARFQDKQYSSHHT	A	Gln->pyro-Glu (N-term Q)
CID	*	6,7	6,7	gi|36439	gi|158259795	Chromogranin B	900.8556	7	6298.9254	0.0129	79	0.00022	R	HPQGAWKELDRNYLNYGEEGAPGKWQQQGDLGDTKENREEARFQDKQYSSHHT	A	
ETD	*	6,7	6,7	gi|36439	gi|158259795	Chromogranin B	1050.8309	6	6298.9254	0.0163	166	3.90E-13	R	HPQGAWKELDRNYLNYGEEGAPGKWQQQGDLGDTKENREEARFQDKQYSSHHT	A	
ETD	*	6,7	6		gi|158259795	Chromogranin B	1141.6987	6	6844.1367	0.0119	54	0.045	R	HSEKSQREDEEEEEGENYQKGEGQEDSSEEKHLEEPGETQNAFLNERKQASAIKKEELV	A	
CID	*	6,7	6		gi|158259795	Chromogranin B	978.7433	7	6844.1367	0.0158	111	8.50E-08	R	HSEKSQREDEEEEEGENYQKGEGQEDSSEEKHLEEPGETQNAFLNERKQASAIKKEELV	A	
CID				gi|36439		Chromogranin B	982.7497	7	6872.1792	0.0179	75	0.00048	R	HSEKSQREDEEEEEGENYQKGERGEDSSEEKHLEEPGETQNAFLNERKQASAIKKEELV	A	
ETD	*	2	3,4	gi|36439	gi|158259795	Chromogranin B	561.2677	3	1680.7791	0.0021	89	1.50E-05	R	FLGEGHHRVQENQMD	D	
CID	*	2	3,4	gi|36439	gi|158259795	Chromogranin B	841.3996	2	1680.7791	0.0057	58	0.021	R	FLGEGHHRVQENQM	D	
CID				gi|36439		Chromogranin B	1222.9373	5	6109.6463	0.0038	60	3.60E-02	R	AIEEEPEYGEEIKGYPGVQAPEDLEWERYRGRGSEEYRAPRPQSEESWDEE	D	Phospho (ST)
CID	*	6	6,7	gi|36439	gi|158259795	Chromogranin B	1054.1265	6	6318.7185	-0.0032	145	1.80E-09	R	SETHAAGHSGEKTHSREKSSGESGEEAGSGENPQESKGGPRSQEESEEGEEDATSEV	D	
ETD	*	6	6,7	gi|36439	gi|158259795	Chromogranin B	1054.1265	6	6318.7185	-0.0032	94	0.00024	R	SETHAAGHSGEKTHSREKSSGESGEEAGSGENPQESKGGPRSQEESEEGEEDATSEV	D	
CID				gi|36439	gi|158259795	Chromogranin B	781.0487	3	2340.1215	0.0026	71	0.0015	R	LGELFNPYYDPLQWKSSHF	E	
ETD				gi|36439	gi|158259795	Chromogranin B	545.5915	3	1633.7525	0.0003	58	0.017	F	NPYYDPLQWKSSH	F	
ETD	*	3	3	gi|36439	gi|158259795	Chromogranin B	694.3310	3	2079.9690	0.0021	74	0.00048	L	GELFNPYYDPLQWKSSH	F	
CID	*	3	3	gi|36439	gi|158259795	Chromogranin B	694.3331	3	2079.9690	0.0084	65	0.0042	L	GELFNPYYDPLQWKSSH	F	
ETD	*	3	3	gi|36439	gi|158259795	Chromogranin B	732.0258	3	2193.0531	0.0025	85	6.10E-05	R	LGELFNPYYDPLQWKSSH	F	
CID	*	3	3	gi|36439	gi|158259795	Chromogranin B	732.0263	3	2193.0531	0.0038	97	3.70E-06	R	LGELFNPYYDPLQWKSSH	F	
ETD	*	4	4	gi|36439	gi|158259795	Chromogranin B	620.3200	4	2477.2491	0.0018	110	2.00E-07	R	KRLGELFNPYYDPLQWKSSH	F	
CID	*	4	4	gi|36439	gi|158259795	Chromogranin B	620.3201	4	2477.2491	0.0020	92	1.40E-05	R	KRLGELFNPYYDPLQWKSSH	F	
ETD					gi|158259795	Chromogranin B	406.2314	3	1215.6724	0.0000	60	0.0087	L	QKIAEKFSQR	G	Amidated (C-term); Gln->pyro-Glu (N-term Q)
ETD	*	3,4	4	gi|36439	gi|158259795	Chromogranin B	644.5949	4	2574.3475	0.0031	84	6.70E-05	K	ELENLAAMDLELQKIAEKFSQR	G	Amidated (C-term)
CID	*	3,4	4	gi|36439	gi|158259795	Chromogranin B	644.5952	4	2574.3475	0.0042	102	1.10E-06	K	ELENLAAMDLELQKIAEKFSQR	G	Amidated (C-term)
ETD	*	3,4	4		gi|158259795	Chromogranin B	885.9101	4	3539.6116	-0.0004	71	0.00078	R	ASEEEPEYGEEIKGYPGVQGPEDLEWERYR	G	Amidated (C-term)
CID	*	3,4	4		gi|158259795	Chromogranin B	885.9110	4	3539.6116	0.0033	113	4.90E-08	R	ASEEEPEYGEEIKGYPGVQGPEDLEWERYR	G	Amidated (C-term)
ETD	*	3,4	3,4	gi|36439		Chromogranin B	889.4163	4	3553.6273	0.0089	162	7.80E-13	R	ASEEEPEYGEEIKGYPGVQAPEDLEWERYR	G	Amidated (C-term)
CID	*	3,4	3,4	gi|36439		Chromogranin B	1185.5529	3	3553.6273	0.0096	184	5.60E-15	R	ASEEEPEYGEEIKGYPGVQAPEDLEWERYR	G	Amidated (C-term)
ETD	*	4,5,6	5,6		gi|158259795	Chromogranin B	758.3587	5	3786.7556	0.0013	216	3.30E-18	R	NYPSLELDKMAHSYGEESEERGLEPGKGHHHR	G	Amidated (C-term)
CID	*	4,5,6	5,6		gi|158259795	Chromogranin B	947.6974	4	3786.7556	0.0048	174	6.30E-14	R	NYPSLELDKMAHSYGEESEERGLEPGKGHHHR	G	Amidated (C-term)
ETD	*	5,6,7,8,9	7,8,9	gi|36439	gi|158259795	Chromogranin B	775.3759	9	6969.3049	0.0130	109	3.30E-07	K	SAEFPDFYDSEEPVSTHGEAENEKDRADGTVLTEDEKKELENLAAMDLELQKIAEKFSQR	G	Amidated (C-term)
CID	*	5,6,7,8,9	7,8,9	gi|36439	gi|158259795	Chromogranin B	1162.5621	6	6969.3049	0.0240	187	5.00E-15	K	SAEFPDFYDSEEPVSTHGEAENEKDRADGTVLTEDEKKELENLAAMDLELQKIAEKFSQR	G	Amidated (C-term)
CID				gi|36439	gi|158259795	Chromogranin B	1175.8871	6	7049.2713	0.0076	94	1.90E-05	K	SAEFPDFYDSEEPVSTHGEAENEKDRADGTVLTEDEKKELENLAAMDLELQKIAEKFSQR	G	Amidated (C-term); Phospho (ST)
CID				gi|36439		Chromogranin B	641.3024	3	1920.8813	0.0039	67	0.0023	G	YGEESEERGLEPGKGR	H	
CID				gi|36439	gi|158259795	Chromogranin B	1029.0092	2	2055.9942	0.0097	70	0.0018	R	LGELFNPYYDPLQWKSS	H	
ETD	*	5,6	5,6		gi|158259795	Chromogranin B	859.7092	6	5152.2048	0.0065	152	1.30E-12	R	EDEEEEEGENYQKGEGQEDSSEEKHLEEPGETQNAFLNERKQASA	I	
CID	*	5,6	5,6		gi|158259795	Chromogranin B	1031.4504	5	5152.2048	0.0108	181	1.70E-15	R	EDEEEEEGENYQKGEGQEDSSEEKHLEEPGETQNAFLNERKQASA	I	
CID					gi|158259795	Chromogranin B	858.8118	7	6004.6250	0.0064	127	6.40E-10	R	HSEKSQREDEEEEEGENYQKGEGQEDSSEEKHLEEPGETQNAFLNERKQASA	I	
CID				gi|36439	gi|158259795	Chromogranin B	569.8482	2	1137.6870	-0.0052	57	0.0053	R	NLARVPKLDL	K	
CID				gi|36439	gi|158259795	Chromogranin B	624.7643	2	1247.5128	0.0012	58	0.0062	R	AYFMSDTREE	K	
CID				gi|36439	gi|158259795	Chromogranin B	821.3850	2	1640.7511	0.0043	56	0.024	L	GELFNPYYDPLQW	K	
CID				gi|36439	gi|158259795	Chromogranin B	837.8496	2	1673.6805	0.0042	85	9.50E-06	R	APRPQSEESWDEED	K	
ETD	*	3	3	gi|36439		Chromogranin B	582.2583	3	1743.7522	0.0010	74	0.0002	R	GGEPRAYFMSDTREE	K	
CID	*	3	3	gi|36439	gi|158259795	Chromogranin B	582.2593	3	1743.7522	0.0038	56	0.014	R	GGEPRAYFMSDTREE	K	
ETD	*	2	3,4	gi|36439	gi|158259795	Chromogranin B	449.9585	4	1795.8060	-0.0010	100	9.70E-07	R	FLGEGHHRVQENQMD	K	
CID	*	2	3,4	gi|36439	gi|158259795	Chromogranin B	898.9111	2	1795.8060	0.0017	74	0.00036	R	FLGEGHHRVQENQMD	K	
ETD	*	3	3,4	gi|36439	gi|158259795	Chromogranin B	490.2259	4	1956.8748	-0.0003	103	4.40E-07	R	GRGGEPRAYFMSDTREE	K	
CID	*	3	3,4	gi|36439	gi|158259795	Chromogranin B	653.2990	3	1956.8748	0.0004	67	0.0015	R	GRGGEPRAYFMSDTREE	K	
ETD				gi|36439	gi|158259795	Chromogranin B	516.4862	4	2061.9140	0.0016	105	2.50E-07	R	EEARFQDKQYSSHHTAE	K	
ETD				gi|36439	gi|158259795	Chromogranin B	529.2523	4	2112.9759	0.0041	78	0.00021	H	RGRGGEPRAYFMSDTREE	K	
CID	*	2,3	3	gi|36439	gi|158259795	Chromogranin B	799.3357	3	2394.9836	0.0017	84	8.70E-06	R	GSEEYRAPRPQSEESWDEED	K	
ETD	*	2,3	3	gi|36439	gi|158259795	Chromogranin B	799.3366	3	2394.9836	0.0044	62	0.0015	R	GSEEYRAPRPQSEESWDEED	K	
CID					gi|158259795	Chromogranin B	961.0864	3	2880.2282	0.0091	75	0.00012	R	DPADATEAHESSSRGEAGAPGEEDIQGPT	K	
ETD			5,6		gi|158259795	Chromogranin B	633.5051	5	3162.4914	-0.0021	138	2.50E-10	R	GLEPGKGHHHRGRGGEPRAYFMSDTREE	K	
ETD			4,5	gi|36439		Chromogranin B	637.3128	5	3181.5336	-0.0060	176	5.30E-14	R	GLEPGKGRHHRGRGGEPRAYFMSDTREE	K	
ETD	*	3	4	gi|36439	gi|158259795	Chromogranin B	801.6042	4	3202.3844	0.0032	182	2.80E-15	R	SSGGGSLPSEEKGHPGEESEENVSMASLGE	K	
CID	*	3	4	gi|36439	gi|158259795	Chromogranin B	1068.4710	3	3202.3844	0.0068	107	9.70E-08	R	SSGGGSLPSEEKGHPGEESEENVSMASLGE	K	
CID	*	4	4,5	gi|36439	gi|158259795	Chromogranin B	836.6459	4	3342.5600	-0.0055	121	1.20E-08	Q	GEDGSEEKHLEEPGETQNAFLNERKQASAI	K	
ETD	*	4	4,5	gi|36439	gi|158259795	Chromogranin B	836.6485	4	3342.5600	0.0051	135	4.90E-10	Q	GEDGSEEKHLEEPGETQNAFLNERKQASAI	K	
ETD				gi|36439	gi|158259795	Chromogranin B	695.9228	5	3474.5784	-0.0007	120	1.10E-08	Q	QQGDLGDTKENREEARFQDKQYSSHHTAE	K	
CID				gi|36439	gi|158259795	Chromogranin B	982.9643	4	3927.8201	0.0082	88	2.50E-05	R	HPQGAWKELDRNYLNYGEEGAPGKWQQQGDLGDT	K	
CID	*	4	4	gi|36439	gi|158259795	Chromogranin B	1040.2045	4	4156.7781	0.0108	88	4.20E-06	K	SAEFPDFYDSEEPVSTHGEAENEKDRADGTVLTEDE	K	
ETD	*	4	4	gi|36439	gi|158259795	Chromogranin B	1040.2046	4	4156.7781	0.0112	52	0.018	K	SAEFPDFYDSEEPVSTHGEAENEKDRADGTVLTEDE	K	
ETD	*	4	4	gi|36439	gi|158259795	Chromogranin B	1087.4523	4	4345.7722	0.0079	89	1.20E-06	S	SQESGEEAGSQENHPQESKGGPRSQEESEEGEEDATSEVD	K	
CID	*	4	4	gi|36439	gi|158259795	Chromogranin B	1087.4538	4	4345.7722	0.0139	63	0.0005	S	SQESGEEAGSQENHPQESKGGPRSQEESEEGEEDATSEVD	K	
ETD				gi|36439		Chromogranin B	760.1885	6	4555.0820	0.0054	104	4.60E-07	M	AHDYGEESEERGLEPGKGRHHRGRGGEPRAYFMSDTREE	K	
ETD	*	5,6	5		gi|158259795	Chromogranin B	1054.0661	5	5265.2889	0.0052	65	0.0011	R	EDEEEEEGENYQKGEGQEDSSEEKHLEEPGETQNAFLNERKQASAI	K	
CID	*	5,6	5		gi|158259795	Chromogranin B	1054.0673	5	5265.2889	0.0112	168	5.80E-14	R	EDEEEEEGENYQKGEGQEDSSEEKHLEEPGETQNAFLNERKQASAI	K	
ETD	*	5,6	6	gi|36439		Chromogranin B	883.2298	6	5293.3314	0.0038	225	1.50E-19	R	EDEEEEEGENYQKGERGEDSSEEKHLEEPGETQNAFLNERKQASAI	K	
CID	*	5,6	6	gi|36439		Chromogranin B	883.2305	6	5293.3314	0.0076	104	1.70E-07	R	EDEEEEEGENYQKGERGEDSSEEKHLEEPGETQNAFLNERKQASAI	K	
CID		6,7			gi|158259795	Chromogranin B	955.4431	6	5726.6039	0.0109	79	0.00013	R	NYPSLELDKMAHSYGEESEERGLEPGKGHHHRGRGGEPRAYFMSDTREE	K	
CID	*	6,7	6	gi|36439		Chromogranin B	821.8139	7	5745.6461	0.0004	64	0.0056	R	NYPSLELDKMAHSYGEESEERGLEPGKGRHHRGRGGEPRAYFMSDTREE	K	

ETD	*	6,7	6	gi	36439		Chromogranin B	958.6157	6	5745.6461	0.0046	104	5.50E-07	R	NYPSLELDKMAHSYGEESEERGLEPGKGRHHRGRGGEPRAYFMSDTREE	K	
CID	*	6	6		gi	158259795	Chromogranin B	1020.6271	6	6117.7091	0.0099	125	1.60E-09	R	HSEKSQREDEEEEEGENYQKGEGQEDSSEEKHLEEPGETQNAFLNERKQASAI	K	
ETD	*	6	6		gi	158259795	Chromogranin B	1020.6277	6	6117.7091	0.0135	133	2.30E-10	R	HSEKSQREDEEEEEGENYQKGEGQEDSSEEKHLEEPGETQNAFLNERKQASAI	K	
ETD			6,7		gi	158259795	Chromogranin B	1022.7922	6	6130.6913	0.0183	153	2.10E-12	R	ASEEEPEYGEEIKGYPGVGQPEDLEWERYRGRGSEEYRAPRPQSEESWDEED	K	
CID		6,7		gi	36439	gi	158259795	Chromogranin B	1023.8138	6	6136.8348	0.0043	68	0.0023	Q	GAWKELDRNYLNYGEEGAPGKWQQGGDLGDTKENREEARFGDKGYSSHHTAE	K	
ETD	*	6	5,6,7	gi	36439		Chromogranin B	1025.1275	6	6144.7069	0.0144	66	0.00099	R	ASEEEPEYGEEIKGYPGVGQPEDLEWERYRGRGSEEYRAPRPQSEESWDEED	K	
CID	*	6	5,6,7	gi	36439		Chromogranin B	1025.1281	6	6144.7069	0.0180	89	5.20E-06	R	ASEEEPEYGEEIKGYPGVGQPEDLEWERYRGRGSEEYRAPRPQSEESWDEED	K	
CID		6,7		gi	36439		Chromogranin B	1025.3016	6	6145.7516	0.0143	134	2.90E-10	R	HSEKSQREDEEEEEGENYQKGEGQEDSSEEKHLEEPGETQNAFLNERKQASAI	K	
CID	*	6,7	7	gi	36439	gi	158259795	Chromogranin B	893.5587	7	6247.8669	-0.0069	102	6.20E-07	P	QGAWKELDRNYLNYGEEGAPGKWQQGGDLGDTKENREEARFGDKGYSSHHTAE	K	Gln->pyro-Glu (N-term Q)
ETD	*	6,7	7	gi	36439	gi	158259795	Chromogranin B	893.5597	7	6247.8669	0.0002	92	6.50E-06	P	QGAWKELDRNYLNYGEEGAPGKWQQGGDLGDTKENREEARFGDKGYSSHHTAE	K	Gln->pyro-Glu (N-term Q)
CID	*	5,6	7,8	gi	36439	gi	158259795	Chromogranin B	1073.2961	6	6433.7455	-0.0125	149	6.90E-10	R	SETHAAGHSGEKTHSREKSSQESGEEAGSGENPGE9KGGPRSGEESEEGEEDATSEVD	K	
CID	*	5,6	7,8	gi	36439	gi	158259795	Chromogranin B	920.1158	7	6433.7455	0.0144	123	1.10E-09	R	SETHAAGHSGEKTHSREKSSQESGEEAGSGENPGE9KGGPRSGEESEEGEEDATSEVD	K	
CID	*	7,8	6,7,8,9	gi	36439	gi	158259795	Chromogranin B	929.4381	7	6499.0051	0.0109	100	1.50E-06	R	HPGGAWKELDRNYLNYGEEGAPGKWQQGGDLGDTKENREEARFGDKGYSSHHTAE	K	
ETD	*	7,8	6,7,8,9	gi	36439	gi	158259795	Chromogranin B	1084.1771	6	6499.0051	0.0138	200	1.50E-16	R	HPGGAWKELDRNYLNYGEEGAPGKWQQGGDLGDTKENREEARFGDKGYSSHHTAE	K	
ETD			10,11	gi	36439		Chromogranin B	799.9285	11	8788.1348	-0.0015	85	6.90E-05	R	FLGEGHHRVQENQMDKARRHPQGAWKELDRNYLNYGEEGAPGKWQQGGDLGDTKENREEARFGDKGYSSHHTAE	K	
ETD	*	6	6		gi	158259795	Chromogranin B	964.2685	6	5779.5640	0.0035	82	2.80E-05	R	EDEEEEEGENYQKGEGQEDSSEEKHLEEPGETQNAFLNERKQASAIKKEE	L	
CID	*	6	6		gi	158259795	Chromogranin B	964.2701	6	5779.5640	0.0130	77	0.0001	R	EDEEEEEGENYQKGEGQEDSSEEKHLEEPGETQNAFLNERKQASAIKKEE	L	
ETD					gi	158259795	Chromogranin B	517.5863	3	1549.7386	-0.0016	100	1.40E-06	R	FLGEGHHRVQENQ	M	
ETD					gi	158259795	Chromogranin B	800.8772	6	4799.2123	0.0072	166	3.70E-13	R	ASEEEPEYGEEIKGYPGVGQPEDLEWERYRGRGSEEYRAPR	P	
CID	*	6	6	gi	36439		Chromogranin B	803.2126	6	4813.2280	0.0040	75	0.0005	R	ASEEEPEYGEEIKGYPGVGAPEDLEWERYRGRGSEEYRAPR	P	
ETD	*	6	6	gi	36439		Chromogranin B	803.2128	6	4813.2280	0.0051	151	1.10E-11	R	ASEEEPEYGEEIKGYPGVGAPEDLEWERYRGRGSEEYRAPR	P	
CID				gi	36439	gi	158259795	Chromogranin B	1115.3684	6	6686.1293	0.0374	71	0.049	K	SAEFPDFYDSEEPVSTHGEAENEKDRADGTVLTEDEKKELENLAAMDLELQKIAEKFS	Q	
ETD				gi	36439	gi	158259795	Chromogranin B	538.5764	3	1612.7086	-0.0011	76	0.00017	S	MPVDNRNHNEGMVT	R	
ETD				**gi	36439**		**Chromogranin B**	**562.2638**	**3**	**1683.7700**	**-0.0005**	**56**	**0.027**	**R**	**LLRDPADASEAHESSS**	**R**	
ETD				gi	36439	gi	158259795	Chromogranin B	567.2630	3	1698.7678	-0.0006	71	0.00082	P	YYDPLQWKSSHFE	R	
CID				gi	36439	gi	158259795	Chromogranin B	579.2681	3	1734.7856	-0.0030	70	0.00084	L	GEGHHRVQENQMDKA	R	
CID	*	2	3	gi	36439	gi	158259795	Chromogranin B	872.9350	2	1743.8580	-0.0026	60	0.017	R	QYDRVAQLDQLLHY	R	Gln->pyro-Glu (N-term Q)
ETD	*	2	3	gi	36439	gi	158259795	Chromogranin B	582.2938	3	1743.8580	0.0014	92	9.10E-06	R	QYDRVAQLDQLLHY	R	Gln->pyro-Glu (N-term Q)
CID	*	3	3	gi	36439	gi	158259795	Chromogranin B	637.6288	3	1909.8635	0.0011	80	0.0001	F	NPYYDPLQWKSSHFE	R	
ETD	*	3	3	gi	36439	gi	158259795	Chromogranin B	637.6288	3	1909.8635	0.0011	74	0.00036	F	NPYYDPLQWKSSHFE	R	
ETD	*	2,3,4	3,4	gi	36439		Chromogranin B	499.7409	4	1994.9381	-0.0034	136	3.30E-10	R	FLGEGHHRVQENQMDKA	R	
CID	*	2,3,4	3,4	gi	36439	gi	158259795	Chromogranin B	665.9869	3	1994.9381	0.0008	103	7.50E-07	R	FLGEGHHRVQENQMDKA	R	
ETD				gi	36439	gi	158259795	Chromogranin B	675.9929	3	2024.9538	0.0031	91	1.30E-05	K	DVKDKETTENENTKFEV	R	
ETD	*	3	3	gi	36439	gi	158259795	Chromogranin B	689.3516	3	2065.0327	0.0001	114	8.60E-08	K	DKETTENENTKFEVRLL	R	
CID	*	3	3	gi	36439	gi	158259795	Chromogranin B	689.3531	3	2065.0327	0.0048	102	1.20E-06	K	DKETTENENTKFEVRLL	R	
ETD				**gi	36439**	**gi	158259795**	**Chromogranin B**	**724.3476**	**3**	**2170.0160**	**0.0050**	**72**	**0.00085**	**E**	**LFNPYYDPLQWKSSHFE**	**R**	
ETD	*	3	3	gi	36439	gi	158259795	Chromogranin B	767.3618	3	2299.0586	0.0051	77	0.00024	G	ELFNPYYDPLQWKSSHFE	R	
CID	*	3	3	gi	36439	gi	158259795	Chromogranin B	767.3619	3	2299.0586	0.0055	55	0.042	G	ELFNPYYDPLQWKSSHFE	R	
CID	*	2,3	3	gi	36439	gi	158259795	Chromogranin B	1179.0483	2	2356.0800	0.0020	92	7.90E-06	L	GELFNPYYDPLQWKSSHFE	R	
ETD	*	2,3	3	gi	36439	gi	158259795	Chromogranin B	786.3684	3	2356.0800	0.0033	76	0.00031	L	GELFNPYYDPLQWKSSHFE	R	
ETD				gi	36439	gi	158259795	Chromogranin B	602.8134	4	2407.2231	0.0016	142	1.40E-10	K	DVKDKETTENENTKFEVRLL	R	
ETD	*	2	3	gi	36439	gi	158259795	Chromogranin B	809.6819	3	2426.0219	0.0019	100	2.90E-07	R	NYPSLELDKMAHSYGEESEEE	R	
CID	*	2	3	gi	36439	gi	158259795	Chromogranin B	1214.0223	2	2426.0219	0.0081	88	5.90E-06	R	NYPSLELDKMAHSYGEESEEE	R	
CID	*	4	4	gi	36439		Chromogranin B	616.0356	4	2460.1166	-0.0033	60	0.011	M	AHSYGEESEERGLEPGKGRHH	R	
ETD	*	4	4	gi	36439		Chromogranin B	616.0361	4	2460.1166	-0.0015	102	7.10E-07	M	AHSYGEESEERGLEPGKGRHH	R	
CID	*	2,3	3	gi	36439	gi	158259795	Chromogranin B	824.0633	3	2469.1641	0.0040	109	2.10E-07	R	LGELFNPYYDPLQWKSSHFE	R	
ETD	*	2,3	3	gi	36439	gi	158259795	Chromogranin B	824.0634	3	2469.1641	0.0042	68	0.0026	R	LGELFNPYYDPLQWKSSHFE	R	
CID				**gi	36439**	**gi	158259795**	**Chromogranin B**	**634.8364**	**4**	**2535.3180**	**-0.0017**	**120**	**2.00E-08**	**R**	**KDVKDKETTENENTKFEVRLL**	**R**	
CID				gi	36439	gi	158259795	Chromogranin B	863.7129	3	2588.1150	0.0017	72	0.00029	Q	GEDSSEEKHLEEPGETQNAFLNE	R	
ETD	*	4,5	4,5	gi	36439		Chromogranin B	648.7955	4	2591.1571	-0.0042	127	1.30E-09	K	MAHSYGEESEERGLEPGKGRHH	R	
CID	*	4,5	4,5	gi	36439		Chromogranin B	519.2380	5	2591.1571	-0.0035	67	0.0015	K	MAHSYGEESEERGLEPGKGRHH	R	
CID				gi	36439	gi	158259795	Chromogranin B	657.3251	4	2625.2652	0.0059	68	0.0032	R	LGELFNPYYDPLQWKSSHFER	R	
ETD	*	3,4	4,5	gi	36439	gi	158259795	Chromogranin B	689.3483	4	2753.3602	0.0040	128	3.40E-09	R	KRLQELFNPYYDPLQWKSSHFE	R	
CID	*	3,4	4,5	gi	36439	gi	158259795	Chromogranin B	689.3484	4	2753.3602	0.0045	119	2.60E-08	R	KRLQELFNPYYDPLQWKSSHFE	R	
ETD				gi	36439		Chromogranin B	554.4762	5	2767.3473	-0.0027	87	0.00089	R	QLEPGKGRHHRGRGGEPRAYFMSDT	R	
CID	*	3	4	gi	36439	gi	158259795	Chromogranin B	961.1028	3	2880.2798	0.0068	117	1.70E-08	R	GEAGAPGEEDIGQPTKADTEKWAEGGGHS	R	
ETD	*	3	4	gi	36439	gi	158259795	Chromogranin B	721.0794	4	2880.2798	0.0086	88	1.20E-05	R	GEAGAPGEEDIGQPTKADTEKWAEGGGHS	R	
CID				gi	36439	gi	158259795	Chromogranin B	967.4075	3	2899.1944	0.0063	85	5.60E-06	K	SAEFPDFYDSEEPVSTHGEAENEKD	R	
CID				gi	36439	gi	158259795	Chromogranin B	1056.1511	3	3165.4235	0.0080	150	8.90E-12	R	GEAGAPGEEDIGQPTKADTEKWAEGGGHSRE	R	
ETD	*	**3,4,5,6**	**4,5,6,7**	**gi	36439**		**Chromogranin B**	**731.1438**	**5**	**3650.6808**	**0.0017**	**160**	**1.40E-12**	**R**	**NYPSLELDKMAHSYGEESEERGLEPGKGRHH**	**R**	
CID	*	3,4,5,6	4,5,6,7	gi	36439		Chromogranin B	913.6791	4	3650.6808	0.0067	153	6.50E-12	R	NYPSLELDKMAHSYGEESEERGLEPGKGRHH	R	
ETD				gi	36439		Chromogranin B	747.1366	5	3730.6471	0.0006	136	6.50E-10	R	NYPSLELDKMAHSYGEE!EEERGLEPGKGRHH	R	Phospho (ST)
CID	*	4	4	gi	36439	gi	158259795	Chromogranin B	1012.9728	4	4047.8623	-0.0002	102	8.10E-07	P	QGAWKELDRNYLNYGEEGAPGKWQQGGDLGDTKEN	R	Gln->pyro-Glu (N-term Q)
ETD	*	4	4	gi	36439	gi	158259795	Chromogranin B	1012.9748	4	4047.8623	0.0078	78	0.00021	P	QGAWKELDRNYLNYGEEGAPGKWQQGGDLGDTKEN	R	Gln->pyro-Glu (N-term Q)
ETD	*	4,5	5,6	gi	36439	gi	158259795	Chromogranin B	829.0127	5	4140.0246	0.0027	206	7.30E-17	Q	GEDSSEEKHLEEPGETQNAFLNERKQASAIKKEELVA	R	
CID	*	4,5	5,6	gi	36439	gi	158259795	Chromogranin B	1036.0153	4	4140.0246	0.0075	83	0.00016	Q	GEDSSEEKHLEEPGETQNAFLNERKQASAIKKEELVA	R	
ETD				gi	36439	gi	158259795	Chromogranin B	845.0063	5	4219.9910	0.0039	139	4.30E-10	R	GEDSSEEKHLEEPGETQNAFLNERKQASAIKKEELVA	R	Phospho (ST)
ETD	*	4,5,6	5	gi	36439	gi	158259795	Chromogranin B	860.8079	5	4299.0005	0.0026	121	1.40E-08	R	HPGGAWKELDRNYLNYGEEGAPGKWQQGGDLGDTKEN	R	
CID	*	4,5,6	5	gi	36439	gi	158259795	Chromogranin B	860.8098	5	4299.0005	0.0123	169	2.10E-13	R	HPGGAWKELDRNYLNYGEEGAPGKWQQGGDLGDTKEN	R	
CID	*	4,5,6	4,5,6	gi	36439		Chromogranin B	1080.9769	4	4319.8711	0.0074	182	2.40E-15	R	DPADASEAHESSSRGEAGAPGEEDIGQPTKADTEKWAEGGGHS	R	
ETD	*	4,5,6	4,5,6	gi	36439		Chromogranin B	864.9833	5	4319.8711	0.0089	177	7.40E-15	R	DPADASEAHESSSRGEAGAPGEEDIGQPTKADTEKWAEGGGHS	R	
CID	*	4,5	5	gi	36439		Chromogranin B	867.5959	5	4332.9359	0.0074	56	0.017	R	ASEEEPEYGEEIKGYPGVGAPEDLEWERYRGRGSEEY	R	
ETD	*	4,5	5	gi	36439		Chromogranin B	867.5974	5	4332.9359	0.0147	85	2.60E-05	R	ASEEEPEYGEEIKGYPGVGAPEDLEWERYRGRGSEEY	R	
CID	*	4,5,6	4,5		gi	158259795	Chromogranin B	867.7844	5	4333.8868	-0.0010	174	1.50E-14	R	DPADATEAHESSSRGEAGAPGEEDIGQPTKADTEKWAEGGGHS	R	
ETD	*	4,5,6	4,5		gi	158259795	Chromogranin B	867.7853	5	4333.8868	0.0032	181	3.10E-15	R	DPADATEAHESSSRGEAGAPGEEDIGQPTKADTEKWAEGGGHS	R	
ETD	*	5,6	5,6	gi	36439	gi	158259795	Chromogranin B	728.3284	6	4363.9272	-0.0002	248	8.40E-22	R	SSQGGSLPSEEKGHPGEESEESNVSMASLQEKRDHHSTHY	R	
CID	*	5,6	5,6	gi	36439	gi	158259795	Chromogranin B	873.7935	5	4363.9272	0.0042	146	1.50E-11	R	SSQGGSLPSEEKGHPGEESEESNVSMASLQEKRDHHSTHY	R	
ETD				gi	36439		Chromogranin B	733.1634	6	4392.9351	0.0016	107	9.20E-08	P	ADASEAHESSSRGEAGAPGEEDIGQPTKADTEKWAEGGGHSRE	R	
CID					gi	158259795	Chromogranin B	735.4979	6	4406.9507	-0.0069	61	0.0039	P	ADATEAHESSSRGEAGAPGEEDIGQPTKADTEKWAEGGGHSRE	R	
CID		5,6		gi	36439	gi	158259795	Chromogranin B	886.4010	5	4426.9630	0.0055	102	3.70E-07	R	SETHAAGHSGEKTHSREKSSQESGEEAGSGENPGE9KGGP	R	

ETD			6,7	gi36439		Chromogranin B	642.4340	7	4489.9879	-0.0011	149	6.40E-12	D	PADASEAHESSSRGEAGAPGEEDIQGPTKADTEKWAEGGGHSRE	R		
ETD	*	4	4		gi158259795	Chromogranin B	1128.7208	4	4510.8439	0.0101	80	1.00E-05	R	EDEEEEEGENYQKGEGQEDSSEEKHLEEPGETQNAFLNE	R		
CID	*	4	4		gi158259795	Chromogranin B	1128.7214	4	4510.8439	0.0125	85	3.20E-06	R	EDEEEEEGENYQKGEGQEDSSEEKHLEEPGETQNAFLNE	R		
ETD				gi36439		Chromogranin B	908.7857	5	4538.8865	0.0055	100	1.30E-07	R	EDEEEEEGENYQKGERGEDSSEEKHLEEPGETQNAFLNE	R		
ETD	*	4,5,6	4,5,6	gi36439		Chromogranin B	768.5104	6	4605.0148	0.0038	177	7.90E-15	R	DPADASEAHESSRGEAGAPGEEDIQGPTKADTEKWAEGGGHSRE	R		
CID	*	4,5,6	4,5,6	gi36439		Chromogranin B	922.0112	5	4605.0148	0.0048	207	8.10E-18	R	DPADASEAHESSRGEAGAPGEEDIQGPTKADTEKWAEGGGHSRE	R		
ETD	*	4,5,6	4,5,6		gi158259795	Chromogranin B	770.8465	6	4619.0305	0.0052	155	1.60E-12	R	DPADATEAHESSRGEAGAPGEEDIQGPTKADTEKWAEGGGHSRE	R		
CID	*	4,5,6	4,5,6		gi158259795	Chromogranin B	1155.7680	4	4619.0305	0.0124	239	7.40E-21	R	DPADATEAHESSRGEAGAPGEEDIQGPTKADTEKWAEGGGHSRE	R		
ETD				gi36439		Chromogranin B	938.0038	5	4684.9811	0.0014	109	2.90E-07	R	DPADASEAHESSRGEAGAPGEEDIQGPTKADTEKWAEGGGHSRE	R	Phospho (ST)
ETD	*	5,6,7	6,7	gi36439		Chromogranin B	784.6983	6	4702.1403	0.0056	228	1.80E-19	R	LLRDPADASEAHESSSRGEAGAPGEEDIQGPTKADTEKWAEGGGHS	R		
CID	*	5,6,7	6,7	gi36439		Chromogranin B	941.4370	5	4702.1403	0.0083	148	1.70E-11	R	LLRDPADASEAHESSSRGEAGAPGEEDIQGPTKADTEKWAEGGGHS	R		
ETD	*	5,6,7	5,7		gi158259795	Chromogranin B	674.7440	7	4716.1560	0.0014	182	7.00E-15	R	LLRDPADATEAHESSSRGEAGAPGEEDIQGPTKADTEKWAEGGGHS	R		
CID	*	5,6,7	5,7		gi158259795	Chromogranin B	944.2402	5	4716.1560	0.0084	160	1.10E-12	R	LLRDPADATEAHESSSRGEAGAPGEEDIQGPTKADTEKWAEGGGHS	R		
CID	*	5,6	5	gi36439	gi158259795	Chromogranin B	798.3787	6	4784.2239	0.0049	138	2.80E-10	R	HPGGAWKELDRNYLNYGEEGAPGKWQQGGGDLGDTKENREEA	R		
ETD	*	5,6	5	gi36439	gi158259795	Chromogranin B	957.8533	5	4784.2239	0.0063	82	0.00011	R	HPGGAWKELDRNYLNYGEEGAPGKWQQGGGDLGDTKENREEA	R		
CID	*	5,6,7,8	7,8	gi36439		Chromogranin B	832.2198	6	4987.2840	-0.0086	145	3.20E-11	R	LLRDPADASEAHESSSRGEAGAPGEEDIQGPTKADTEKWAEGGGHSRE	R		
ETD	*	5,6,7,8	7,8	gi36439		Chromogranin B	624.4180	8	4987.2840	0.0014	134	5.00E-10	R	LLRDPADASEAHESSSRGEAGAPGEEDIQGPTKADTEKWAEGGGHSRE	R		
ETD	*	5,6,7,8	6,7,8		gi158259795	Chromogranin B	834.5573	6	5001.2997	0.0004	294	5.20E-26	R	LLRDPADATEAHESSSRGEAGAPGEEDIQGPTKADTEKWAEGGGHSRE	R		
CID	*	5,6,7,8	6,7,8		gi158259795	Chromogranin B	1001.2686	5	5001.2997	0.0069	195	4.00E-16	R	LLRDPADATEAHESSSRGEAGAPGEEDIQGPTKADTEKWAEGGGHSRE	R		
CID				gi36439		Chromogranin B	845.5493	6	5067.2504	0.0018	82	2.20E-04	R	LLRDPADASEAHESSSRGEAGAPGEEDIQGPTKADTEKWAEGGGHSRE	R	Phospho (ST)
ETD				gi36439	gi158259795	Chromogranin B	867.2259	6	5197.2780	0.0337	86	0.0013	R	ADEPQWSLYPSDSQVSEEVKTRHSEKSQREDEEEEEGENYQKGE	R		
ETD	*	5,6,7	6		gi158259795	Chromogranin B	1011.4679	6	6062.7536	0.0102	126	2.30E-09	R	EDEEEEEGENYQKGEGQEDSSEEKHLEEPGETQNAFLNERKQASAIKKEELVA	R		
CID	*	5,6,7	6		gi158259795	Chromogranin B	1011.4686	6	6062.7536	0.0144	130	9.10E-10	R	EDEEEEEGENYQKGEGQEDSSEEKHLEEPGETQNAFLNERKQASAIKKEELVA	R		
ETD	*	5,6,7	6,7	gi36439		Chromogranin B	1016.1413	6	6090.7961	0.0080	173	6.60E-14	R	EDEEEEEGENYQKGERGEDSSEEKHLEEPGETQNAFLNERKQASAIKKEELVA	R		
CID	*	5,6,7	6,7	gi36439		Chromogranin B	1219.1699	5	6090.7961	0.0170	80	0.00014	R	EDEEEEEGENYQKGERGEDSSEEKHLEEPGETQNAFLNERKQASAIKKEELVA	R		
CID		5,6,7		gi36439	gi158259795	Chromogranin B	974.4648	7	6814.1879	0.0145	130	1.80E-09	K	SAEFPDFYDSEEPVSTHGEAENEKDRADGTVLTEDEKKELENLAAMDLELGKIAEKFSQ	R		
ETD	*	6,7	7		gi158259795	Chromogranin B	988.8909	7	6915.1738	0.0113	153	5.70E-12	R	HSEKSQREDEEEEEGENYQKGEGQEDSSEEKHLEEPGETQNAFLNERKQASAIKKEELVA	R		
CID	*	6,7	7		gi158259795	Chromogranin B	1153.5426	6	6915.1738	0.0381	116	1.30E-06	R	HSEKSQREDEEEEEGENYQKGEGQEDSSEEKHLEEPGETQNAFLNERKQASAIKKEELVA	R		
ETD	*	6	7	gi36439		Chromogranin B	992.8965	7	6943.2163	0.0080	111	1.30E-07	R	HSEKSQREDEEEEEGENYQKGERGEDSSEEKHLEEPGETQNAFLNERKQASAIKKEELVA	R		
CID	*	6	7	gi36439		Chromogranin B	1158.2125	6	6943.2163	0.0151	63	0.0071	R	HSEKSQREDEEEEEGENYQKGERGEDSSEEKHLEEPGETQNAFLNERKQASAIKKEELVA	R		
ETD	*	6,7	6,7	gi36439	gi158259795	Chromogranin B	655.7308	7	4583.0641	0.0007	217	1.70E-18	R	SETHAAGHSGEKTHSREKSSQESGEEAGSGENHPQE9KGQPR	S		
CID	*	6,7	6,7	gi36439	gi158259795	Chromogranin B	764.8521	6	4583.0641	0.0051	87	1.90E-05	R	SETHAAGHSGEKTHSREKSSQESGEEAGSGENHPQE9KGQPR	S		
ETD	*	5	5		gi158259795	Chromogranin B	999.8355	5	4994.1357	0.0052	81	1.70E-05	R	EDEEEEEGENYQKGEGQEDSSEEKHLEEPGETQNAFLNERKQA	S		
CID	*	5	5		gi158259795	Chromogranin B	999.8367	5	4994.1357	0.0112	136	6.00E-11	R	EDEEEEEGENYQKGEGQEDSSEEKHLEEPGETQNAFLNERKQA	S		
ETD				gi36439		Chromogranin B	739.4383	12	8861.1793	-0.0073	73	0.0011	R	GEDSSEEKHLEEPGETQNAFLNERKQASAIKKEELVARSETHAAGHSGEKTHSREKSSQESGEEAGSGENHPQESKGQPR	S		
ETD	*	5	5	gi36439	gi158259795	Chromogranin B	794.9917	5	3969.9191	0.0031	155	8.30E-12	Q	GEDSSEEKHLEEPGETQNAFLNERKQASAIKKEEL	V		
CID	*	5	5	gi36439	gi158259795	Chromogranin B	794.9923	5	3969.9191	0.0058	195	8.00E-16	Q	GEDSSEEKHLEEPGETQNAFLNERKQASAIKKEEL	V		
CID		6,7		gi36439		Chromogranin B	987.7912	6	5920.6906	0.0130	72	0.0007	R	EDEEEEEGENYQKGERGEDSSEEKHLEEPGETQNAFLNERKQASAIKKEEL	V		
ETD					gi158259795	Chromogranin B	492.2370	3	1473.6922	-0.0031	72	0.00085	R	NYPSLEDKMAHS	Y		
CID				gi36439	gi158259795	Chromogranin B	791.4066	2	1580.7947	0.0039	68	0.0025	R	QYDRVAQLDQLLH	Y	Gln->pyro-Glu (N-term Q)
CID				gi21410597		Coiled-coil domain containing 112	423.7504	4	1690.9730	-0.0007	56	0.0099	R	DLHKLELKILDRQA	K		
CID				gi181387		Cystatin C	562.5790	3	1684.7151	0.0001	77	9.10E-05	F	AVGEYNKASNDMYHS	R		
CID	*	2,3	3	gi181387		Cystatin C	711.3184	3	2130.9316	0.0018	104	2.60E-07	R	ALDFAVGEYNKASNDMYHS	R		
ETD	*	2,3	3	gi181387		Cystatin C	711.3193	3	2130.9316	0.0044	117	1.30E-08	R	ALDFAVGEYNKASNDMYHS	R		
ETD	*	2	3	gi181387		Cystatin C	765.7150	3	2294.1213	0.0020	87	3.50E-05	G	SSPGKPPRLVGGPMDASVEEEGV	R		
CID	*	2	3	gi181387		Cystatin C	1148.0706	2	2294.1213	0.0054	82	0.00013	G	SSPGKPPRLVGGPMDASVEEEGV	R		
CID	*	3	4	gi181387		Cystatin C	933.4591	3	2797.3493	0.0060	95	7.20E-06	R	ALDFAVGEYNKASNDMYHSRALQVV	R		
ETD	*	3	4	gi181387		Cystatin C	700.3462	4	2797.3493	0.0064	157	4.40E-12	R	ALDFAVGEYNKASNDMYHSRALQVV	R		
CID				gi181387		Cystatin C	936.4687	3	2806.3807	0.0035	117	5.00E-08	A	VSPATGSSPGKPPRLVGGPMDASVEEEGV	R		
ETD	*	3,4,5	4,5	gi181387		Cystatin C	605.9053	5	3024.4875	0.0025	188	3.80E-15	R	ALDFAVGEYNKASNDMYHSRALQVVRA	R		
CID	*	3,4,5	4,5	gi181387		Cystatin C	757.1298	4	3024.4875	0.0027	179	3.10E-14	R	ALDFAVGEYNKASNDMYHSRALQVVRA	R		
ETD	*	7	7	gi181387		Cystatin C	802.8370	7	5612.8005	0.0078	121	2.80E-08	G	SSPGKPPRLVGGPMDASVEEEGVRRALDFAVGEYNKASNDMYHSRALQVVRA	R		
CID	*	7	7	gi181387		Cystatin C	802.8374	7	5612.8005	0.0101	113	1.90E-07	G	SSPGKPPRLVGGPMDASVEEEGVRRALDFAVGEYNKASNDMYHSRALQVVRA	R		
CID		3,4		gi181387		Cystatin C	900.4356	3	2698.2809	0.0041	80	0.00016	R	ALDFAVGEYNKASNDMYHSRALQV	V		
ETD			4,5	gi30311		Cytokeratin 18	485.4747	5	2422.3405	-0.0031	145	2.90E-11	T	TRRIVDGKVVSETNDTKVLRH	-		
ETD				gi553163		Cytokeratin 8	737.0560	6	4416.2885	0.0040	192	1.80E-15	G	SSFGSSAGSSSFSRTSSSRAVVVKKIETRDGKLVSESSDVLPK	-		
CID				gi553163		Cytokeratin 8	731.5467	6	4383.2320	0.0046	115	1.10E-07	M	SRVTGKSYKVSTSGPRAFSSRSYTSGPGSRISSSSFSRVG	S	Acetyl (N-term)
ETD	*	4	4	gi416178		Desmoplein 2	456.5142	4	1822.0325	-0.0048	54	0.03	R	NENKLLPKHPHLVRQ	K		
CID	*	4	4	gi416178		Desmoplein 2	456.5157	4	1822.0325	0.0012	54	0.023	R	NENKLLPKHPHLVRQ	K		
ETD	*	3,4,5,6	5,6	gi416178		Desmoplein 2	574.9368	5	2869.6515	-0.0037	154	1.30E-12	G	LHLQVLSTRNENKLLPKHPHLVRQ	K		
CID	*	3,4,5,6	5,6	gi416178		Desmoplein 2	718.4204	4	2869.6515	0.0009	89	4.40E-06	G	LHLQVLSTRNENKLLPKHPHLVRQ	K		
ETD				gi416178		Desmoplein 2	475.6748	5	2373.3393	-0.0019	91	5.10E-06	G	LHLQVLSTRNENKLLPKHPH	L		
ETD	*	10,11,12	12	gi118137768		Diazepam binding inhibitor	830.0891	12	9948.9909	-0.0089	66	0.015	-	SQAEFEKAAEEVRHLKTKPSDEEMLFIYGHYKQATVGDNTERPGMLDFTGKAKWDAWNELKGTSKEDAMKAYINKVEELKKKYGI	-	Acetyl (N-term)
CID	*	10,11,12	12	gi118137768		Diazepam binding inhibitor	830.0908	12	9948.9909	0.0117	104	2.70E-06	-	SQAEFEKAAEEVRHLKTKPSDEEMLFIYGHYKQATVGDNTERPGMLDFTGKAKWDAWNELKGTSKEDAMKAYINKVEELKKKYGI	-	Acetyl (N-term)
ETD	*	2,3	3	gi306807		Gastrin-releasing peptide isoform 1 preproprotein	586.3310	3	1755.9706	0.0005	103	5.50E-07	A	VPLPAGGGTVLTKMYPR	G		
CID	*	2,3	3	gi306807		Gastrin-releasing peptide isoform 1 preproprotein	878.9932	2	1755.9706	0.0013	133	5.50E-10	A	VPLPAGGGTVLTKMYPR	G		
ETD	*	4,5	4,5	gi306807		Gastrin-releasing peptide isoform 1 preproprotein	572.5070	5	2857.4996	-0.0011	181	1.50E-14	A	VPLPAGGGTVLTKMYPRGNHWAVGHLM	G	Amidated (C-term)
CID	*	4,5	4,5	gi306807		Gastrin-releasing peptide isoform 1 preproprotein	715.3831	4	2857.4996	0.0038	80	0.0002	A	VPLPAGGGTVLTKMYPRGNHWAVGHLM	G	Amidated (C-term)
CID	*	4,5,6	4,5,6	gi306807		Gastrin-releasing peptide isoform 1 preproprotein	784.3890	5	3916.9052	0.0033	126	5.90E-09	K	ALGNQQPSWDSEDSSNFKDVGSKGKVGRLSAPGSGRE	G	Amidated (C-term)
ETD	*	5,6	5,6,7	gi306807		Gastrin-releasing peptide isoform 1 preproprotein	808.2371	6	4843.3774	0.0017	289	4.50E-25	R	NHGPPQPKALGNQQPSWDSEDSSNFKDVGSKGKVGRLSAPGSGRE	G	Amidated (C-term)
CID	*	5,6	5,6,7	gi306807		Gastrin-releasing peptide isoform 1 preproprotein	969.6842	5	4843.3774	0.0071	165	1.10E-12	R	NHGPPQPKALGNQQPSWDSEDSSNFKDVGSKGKVGRLSAPGSGRE	G	Amidated (C-term)
CID				gi306807		Gastrin-releasing peptide isoform 1 preproprotein	1190.3584	8	9514.7891	0.0199	63	0.027	K	STGESSSVSERGSLKQGLREYIRWEEAARNLLGLEAKENRNHGPPQPKALGNQQPSWDSEDSSNFKDVGSKGKVGRLSAPGSGRE	G	Amidated (C-term)
ETD				gi306807		Gastrin-releasing peptide isoform 1 preproprotein	534.2976	3	1599.8695	0.0014	91	8.00E-06	A	VPLPAGGGTVLTKMYP	R		
ETD				gi306807		Gastrin-releasing peptide isoform 1 preproprotein	686.3752	5	3426.8371	0.0023	93	8.90E-06	R	GSLKQGLREYIRWEEAARNLLGLEAKEN	R		
ETD	*	5	5,6	gi306807		Gastrin-releasing peptide isoform 1 preproprotein	907.6729	5	4533.3211	0.0068	187	5.60E-15	K	STGESSSVSERGSLKQGLREYIRWEEAARNLLGLEAKEN	R		
CID	*	5	5,6	gi306807		Gastrin-releasing peptide isoform 1 preproprotein	907.6731	5	4533.3211	0.0080	73	0.0015	K	STGESSSVSERGSLKQGLREYIRWEEAARNLLGLEAKEN	R		
CID				gi306807		Gastrin-releasing peptide isoform 1 preproprotein	670.8853	2	1339.7534	0.0028	86	2.20E-05	A	VPLPAGGGTVLTKM	Y		
CID				gi306807		Gastrin-releasing peptide isoform 1 preproprotein	450.9111	3	1349.7126	-0.0010	58	0.018	P	AGGGTVLTKMYPR	G		
ETD	*	4,5,6	4,5,6	gi306807		Gastrin-releasing peptide isoform 1 preproprotein	784.3888	5	3916.9052	0.0026	232	1.60E-19	K	ALGNQQPSWDSEDSSNFKDVGSKGKVGRLSAPGSGRE	G	Amidated (C-term)
CID				gi38044288		Gelsolin isoform b	649.1234	4	2592.4653	-0.0009	76	0.00015	K	GGVASGFKHVPNEVVVQRLFQVK	G	Amidated (C-term)

CID	*	5	5	gi|7271867		Golgi membrane protein GP73	888.2471	5	4436.1956	0.0035	62	0.019	R	QVEKEETNEIGVVNEEPGRDRLPQEPGREGVVEDRPVG	G	Amidated (C-term); Gln->pyro-Glu (N-term Q)
ETD	*	5	5	gi|7271867		Golgi membrane protein GP73	888.2472	5	4436.1956	0.0041	163	1.40E-12	R	QVEKEETNEIGVVNEEPGRDRLPQEPGREGVVEDRPVG	G	Amidated (C-term); Gln->pyro-Glu (N-term Q)
CID				gi|7271867		Golgi membrane protein GP73	582.6460	3	1744.9142	0.0019	79	0.00017	R	SVDLQTRMELEGRV	R	
CID				gi|126140598		Heparan sulfate 3-O-sulfotransferase 4	915.4552	2	1828.8917	0.0040	81	0.00013	K	TLDGQTMEKTPSYFV	T	
ETD				gi|5174465		Heparan sulfate glucosamine 3-O-sulfotransferase 3A1	649.8678	4	2595.4418	0.0003	147	1.80E-11	R	EAPARISAMSKDTKLIVVVRDPVT	R	
ETD	*	3,4	4	gi|10834982		Insulin-like growth factor-binding protein 5	520.7747	4	2079.0717	-0.0019	109	2.20E-07	R	HMEASLQELKASPRMVPR	A	
CID	*	3,4	4	gi|10834982		Insulin-like growth factor-binding protein 5	520.7748	4	2079.0717	-0.0018	102	1.20E-06	R	HMEASLQELKASPRMVPR	A	
CID				gi|10834982		Insulin-like growth factor-binding protein 5	780.9889	5	3899.8999	0.0081	63	0.013	R	EHEEPTTSEMAEETYSPKFRPKHTRISELKAE	A	
ETD	*	3	3	gi|10834982		Insulin-like growth factor-binding protein 5	406.2349	3	1215.6823	0.0007	83	3.50E-05	H	TRISELKAEAV	K	
CID	*	3	3	gi|10834982		Insulin-like growth factor-binding protein 5	406.2352	3	1215.6823	0.0014	59	0.012	H	TRISELKAEAV	K	
ETD				gi|10834982		Insulin-like growth factor-binding protein 5	665.7210	3	1994.1425	-0.0014	63	0.0026	K	IFRPKHTRISELKAEAV	K	
CID		4,5		gi|10834982		Insulin-like growth factor-binding protein 5	893.9402	4	3571.7253	0.0062	132	1.50E-09	R	EHEEPTTSEMAEETYSPKFRPKHTRISEL	K	
CID				gi|10834982		Insulin-like growth factor-binding protein 5	786.9847	5	3929.8853	0.0019	70	0.0023	R	DSREHEEPTTSEMAEETYSPKFRPKHTRISEL	K	
ETD	*	4	5	gi|10834982		Insulin-like growth factor-binding protein 5	815.0077	5	4070.0054	-0.0032	138	4.20E-10	R	EHEEPTTSEMAEETYSPKFRPKHTRISELKAEAV	K	
CID	*	4	5	gi|10834982		Insulin-like growth factor-binding protein 5	1018.5107	4	4070.0054	0.0083	89	3.60E-05	R	EHEEPTTSEMAEETYSPKFRPKHTRISELKAEAV	K	
CID		5,6		gi|10834982		Insulin-like growth factor-binding protein 5	739.0335	6	4428.1655	-0.0083	72	0.002	R	DSREHEEPTTSEMAEETYSPKFRPKHTRISELKAEAV	K	
ETD				gi|10834982		Insulin-like growth factor-binding protein 5	532.9436	3	1595.8089	-0.0001	98	2.80E-06	R	HMEASLQELKASPR	M	
ETD	*	3	3	gi|10834982		Insulin-like growth factor-binding protein 5	641.9968	3	1922.9706	-0.0021	98	2.60E-06	R	HMEASLQELKASPRMVP	R	
CID	*	3	3	gi|10834982		Insulin-like growth factor-binding protein 5	641.9972	3	1922.9706	-0.0009	74	0.0006	R	HMEASLQELKASPRMVP	R	
ETD				gi|10834982		Insulin-like growth factor-binding protein 5	639.3326	4	2553.3009	0.0003	134	9.20E-10	K	LTQSKFVGGAENTAHPRISAPEM	R	
ETD	*	4	4	gi|10834982		Insulin-like growth factor-binding protein 5	744.3531	4	2973.3814	0.0018	145	4.20E-11	R	EHEEPTTSEMAEETYSPKFRPKHT	R	
CID	*	4	4	gi|10834982		Insulin-like growth factor-binding protein 5	744.3533	4	2973.3814	0.0029	68	0.0024	R	EHEEPTTSEMAEETYSPKFRPKHT	R	
CID	*	5	5	gi|10834982		Insulin-like growth factor-binding protein 5	667.3168	5	3331.5415	0.0060	78	0.00026	R	DSREHEEPTTSEMAEETYSPKFRPKHT	R	
ETD				gi|10834982		Insulin-like growth factor-binding protein 5	741.2112	6	4441.2223	0.0011	82	0.00021	R	EHEEPTTSEMAEETYSPKFRPKHTRISELKAEAVKKD	R	
ETD				gi|10834982		Insulin-like growth factor-binding protein 5	576.6238	3	1726.8494	0.0002	64	0.0062	R	HMEASLQELKASPRM	V	
CID				gi|10834982		Insulin-like growth factor-binding protein 5	500.0755	5	2495.3469	-0.0058	58	0.02	K	DRRKKLTQSKFVGGAENTAHPR	I	
ETD	*	5	5	gi|10834982		Insulin-like growth factor-binding protein 5	667.3164	5	3331.5415	0.0039	132	9.90E-10	R	DSREHEEPTTSEMAEETYSPKFRPKHT	R	
ETD	*	3	3	gi|33004		Insulin-like growth factor-II	523.9509	3	1568.8311	-0.0002	94	5.50E-06	R	GHVLAKELEAFREA	K	
CID	*	3	3	gi|33004		Insulin-like growth factor-II	523.9511	3	1568.8311	0.0005	62	0.0081	R	GHVLAKELEAFREA	K	
CID				gi|4530577		Lipolysis-stimulated lipoprotein receptor	600.8521	2	1199.6874	0.0023	61	0.0057	K	NLALSRESLVV	-	
ETD				gi|4530577		Lipolysis-stimulated lipoprotein receptor	609.8081	4	2435.2067	-0.0034	98	2.90E-06	R	GWDQEPAREQAGGGWRARRPR	A	
ETD				gi|4530577		Lipolysis-stimulated lipoprotein receptor	556.0856	5	2775.3926	-0.0008	73	0.0011	R	SPRGWDQEPAREQAGGGWRARRPR	A	
ETD	*	3	3	gi|4530577		Lipolysis-stimulated lipoprotein receptor	721.6826	3	2162.0240	0.0019	83	7.30E-05	R	DNGSRSGDLPYDGRLLEEAV	R	
CID	*	3	3	gi|4530577		Lipolysis-stimulated lipoprotein receptor	721.6826	3	2162.0240	0.0022	61	0.013	R	DNGSRSGDLPYDGRLLEEAV	R	
ETD	*	4,5	4,5	gi|4530577		Lipolysis-stimulated lipoprotein receptor	596.2982	5	2976.4537	0.0011	130	2.20E-09	R	DNGSRSGDLPYDGRLLEEAVRKKGSEE	R	
CID	*	4,5	4,5	gi|4530577		Lipolysis-stimulated lipoprotein receptor	596.2983	5	2976.4537	0.0014	76	0.00063	R	DNGSRSGDLPYDGRLLEEAVRKKGSEE	R	
CID				gi|27693060		Low density lipoprotein receptor-related protein 11	887.1404	3	2658.3904	0.0091	92	1.00E-05	A	ALPPAAPLSELHAQLSGVEQLLEEF	R	
CID				gi|22657352		Lunatic fringe	784.9443	2	1567.8722	0.0019	54	0.031	L	VLTADPPPPPLPAER	G	Amidated (C-term)
CID				gi|22657352		Lunatic fringe	969.2749	4	3873.0537	0.0169	143	8.60E-11	R	SLAGPAGAAPAPGLGAAAAAPGALVRDVHSLSEYFSLLTRA	R	
CID				gi|58176727		Matrix metallopeptidase 1	795.6034	5	3972.9745	0.0060	83	0.00013	-	FPATLETGEQDVDLVQKYLEKYYNLKNDGRQVE	K	
CID		2,3		gi|119617806		Neurotensin precursor	710.6914	3	2129.0488	0.0036	75	0.00058	L	IGEDLDTGNDKNGKEEVI	K	
CID				gi|119617806		Neurotensin precursor	795.6812	3	2384.0148	0.0070	78	6.30E-05	C	SDSEEEMKALEADFLTNMHTS	K	
ETD	*	5	5	gi|119617806		Neurotensin precursor	948.2550	5	4736.2320	0.0067	91	1.50E-05	C	SDSEEEMKALEADFLTNMHTSKLIQEDLDTGNDKNGKEEVI	K	
CID	*	5	5	gi|119617806		Neurotensin precursor	948.2550	5	4736.2320	0.0068	101	1.60E-06	C	SDSEEEMKALEADFLTNMHTSKLIQEDLDTGNDKNGKEEVI	K	
CID				gi|20070228		Nucleobindin-1 precursor	659.2790	2	1316.5422	0.0013	51	0.029	L	AQYDAAHHEEF	K	
ETD				gi|20070228		Nucleobindin-1 precursor	515.8923	3	1544.6532	0.0020	70	0.00046	R	DLAQYDAAHHEEF	K	
ETD	*	4	4	gi|20070228		Nucleobindin-1 precursor	771.6525	4	3082.5755	0.0053	158	4.20E-12	R	EAELNAKAGRLSGETEALGRSGGRLEAQ	K	
CID	*	4	4	gi|20070228		Nucleobindin-1 precursor	771.6530	4	3082.5755	0.0076	100	2.20E-06	R	EAELNAKAGRLSGETEALGRSGGRLEAQ	K	
CID				gi|20070228		Nucleobindin-1 precursor	707.8626	2	1413.7099	0.0008	73	0.00072	L	QAANAEDIKSGKLS	R	Gln->pyro-Glu (N-term Q)
ETD				gi|20070228		Nucleobindin-1 precursor	648.8285	4	2591.2826	0.0022	149	2.60E-11	R	YLESLGEEGRKEAERKLEEQQ	R	
ETD				gi|20070228		Nucleobindin-1 precursor	609.1169	5	3040.5438	0.0046	97	5.10E-06	R	YLESLGEEGRKEAERKLEEQQRRH	R	
ETD				gi|11968009		Nucleotide exchange factor SIL1 precursor	474.5080	4	1894.0060	-0.0030	96	3.40E-06	R	EAKLGYEDKFRNNLK	G	Amidated (C-term)
CID				gi|11968009		Nucleotide exchange factor SIL1 precursor	608.5584	4	2430.2026	0.0017	76	0.00054	S	HGNLKEFALTNPEKSSTKETE	R	
CID				gi|1377894		OB-cadherin-1	525.0770	5	2620.3483	0.0002	66	0.005	R	GHLRPSFHGHHEKGKEGQVLQRS	K	
CID		11,12		gi|46276863		Parathymosin	953.8541	12	11434.1575	0.0048	75	0.00069	M	SEKSVEAAAELSAKDLKEKKEKVEEKASRKERKKEVVEEEENGAEEEEEETAEDGEEEDEGEEEDEEEEEEDDEGPALKRAAEEEDEADPKRGKTENGASA	-	Acetyl (N-term)
ETD	*	5	5	gi|2661085		Peptidylglycine alpha-amidating monooxygenase	792.8053	5	3958.9867	0.0035	116	6.80E-08	K	AGIEVQEIKEAEAVVETKMENKPTSSELGKMQEKG	K	
CID	*	5	5	gi|2661085		Peptidylglycine alpha-amidating monooxygenase	792.8058	5	3958.9867	0.0060	135	1.00E-09	K	AGIEVQEIKEAEAVVETKMENKPTSSELGKMQEKG	K	
CID				gi|2661085		Peptidylglycine alpha-amidating monooxygenase	735.9712	5	3674.8104	0.0091	62	0.016	R	EEEEVLDGGDFYSLLSKLLGEREDVVHVHKY	N	
CID				gi|1813327	gi|1872754	prepro placental TGF-beta	796.1719	4	3180.6527	0.0058	58	0.031	R	LSPPPSQSDQLLAESSSARPQLELHLRPG	A	
ETD	*	4	4	gi|1813327	gi|1872754	prepro placental TGF-beta	813.9298	4	3251.6898	0.0002	133	1.10E-09	R	LSPPPSQSDQLLAESSSARPQLELHLRPQA	A	
CID	*	4	4	gi|1813327	gi|1872754	prepro placental TGF-beta	813.9326	4	3251.6898	0.0116	100	1.90E-06	R	LSPPPSQSDQLLAESSSARPQLELHLRPQA	A	
CID				gi|1813327	gi|1872754	prepro placental TGF-beta	803.6075	6	4815.5896	0.0115	107	2.90E-07	R	QLSLARPQAPALHLRLSPPPSQSDQLLAESSSARPQLELHLRPQ	A	Gln->pyro-Glu (N-term Q)
ETD	*	4,5,6	5,6	gi|1813327	gi|1872754	prepro placental TGF-beta	815.4474	6	4886.6267	0.0142	264	6.70E-23	R	QLSLARPQAPALHLRLSPPPSQSDQLLAESSSARPQLELHLRPQA	A	Gln->pyro-Glu (N-term Q)
CID	*	4,5,6	5,6	gi|1813327	gi|1872754	prepro placental TGF-beta	978.3387	5	4886.6267	0.0303	185	5.80E-15	R	QLSLARPQAPALHLRLSPPPSQSDQLLAESSSARPQLELHLRPQA	A	Gln->pyro-Glu (N-term Q)
CID				gi|1813327	gi|1872754	prepro placental TGF-beta	504.7850	4	2015.1136	-0.0029	63	0.0048	E	SSSARPQLELHLRPQAAR	G	Amidated (C-term)
CID				gi|1813327	gi|1872754	prepro placental TGF-beta	537.0463	4	2144.1562	-0.0001	58	0.018	A	ESSSARPQLELHLRPQAAR	G	Amidated (C-term)
ETD				gi|1813327	gi|1872754	prepro placental TGF-beta	554.8052	4	2215.1933	-0.0018	93	6.80E-06	L	AESSARPQLELHLRPQAAR	G	Amidated (C-term)
CID				gi|1813327	gi|1872754	prepro placental TGF-beta	489.2789	5	2441.3614	-0.0034	52	0.053	Q	LLAESSARPQLELHLRPQAAR	G	Amidated (C-term)
ETD				gi|1813327	gi|1872754	prepro placental TGF-beta	673.9597	5	3364.7599	0.0020	74	0.00094	L	SPPPSQSDQLLAESSSARPQLELHLRPQAAR	G	Amidated (C-term)
CID	*	5	4,5	gi|1813327	gi|1872754	prepro placental TGF-beta	696.5767	5	3477.8440	0.0032	111	1.30E-07	R	LSPPPSQSDQLLAESSSARPQLELHLRPQAAR	G	Amidated (C-term)
ETD	*	5	4,5	gi|1813327	gi|1872754	prepro placental TGF-beta	696.5768	5	3477.8440	0.0037	189	2.20E-15	R	LSPPPSQSDQLLAESSSARPQLELHLRPQAAR	G	Amidated (C-term)
ETD				gi|1813327	gi|1872754	prepro placental TGF-beta	696.7776	5	3478.8280	0.0234	152	1.70E-11	R	LSPPPSQSDQLLAESSSARPQLELHLRPQAAR	G	
ETD	*	5	5	gi|1813327	gi|1872754	prepro placental TGF-beta	750.4138	5	3747.0292	0.0033	131	1.00E-09	H	LRLSPPPSQSDQLLAESSSARPQLELHLRPQAAR	G	Amidated (C-term)
CID	*	5	5	gi|1813327	gi|1872754	prepro placental TGF-beta	750.4142	5	3747.0292	0.0057	116	3.10E-08	H	LRLSPPPSQSDQLLAESSSARPQLELHLRPQAAR	G	Amidated (C-term)
CID				gi|1813327	gi|1872754	prepro placental TGF-beta	699.3888	7	4888.6648	0.0058	72	0.00073	L	SLARPQAPALHLRLSPPPSQSDQLLAESSSARPQLELHLRPQAAR	G	Amidated (C-term)
CID	*	4,5,6,7	5,6,7,8	gi|1813327	gi|1872754	prepro placental TGF-beta	1023.5650	5	5112.7809	0.0078	168	1.80E-13	R	QLSLARPQAPALHLRLSPPPSQSDQLLAESSSARPQLELHLRPQAAR	G	Amidated (C-term); Gln->pyro-Glu (N-term Q)
ETD	*	4,5,6,7	5,6,7,8	gi|1813327	gi|1872754	prepro placental TGF-beta	853.1411	6	5112.7809	0.0220	257	2.20E-22	R	QLSLARPQAPALHLRLSPPPSQSDQLLAESSSARPQLELHLRPQAAR	G	Amidated (C-term); Gln->pyro-Glu (N-term Q)
CID				gi|1813327	gi|1872754	prepro placental TGF-beta	591.3293	2	1180.6452	-0.0011	58	0.016	A	LPEGLPEASRL	H	
CID				gi|1813327	gi|1872754	prepro placental TGF-beta	626.8485	2	1251.6823	0.0002	62	0.0048	A	ALPEGLPEASRL	H	
ETD	*	2, 3	3	gi|1813327	gi|1872754	prepro placental TGF-beta	441.9138	3	1322.7194	0.0002	54	0.034	R	AALPEGLPEASRL	H	

CID	*	2, 3	3	gi|1813327	gi|1872554	prepro placental TGF-beta	441.9139	3	1322.7194	0.0005	72	0.00052	R	AALPEGLPEASRL	H		
CID				gi|1813327	gi|1872554	prepro placental TGF-beta	1047.0700	4	4184.2341	0.0168	55	0.049	R	QLSLARPQAPALHLRLSPPPSQSDQLLAESSSARPQLEL	H	Gln->pyro-Glu (N-term Q)
CID				gi|1813327	gi|1872554	prepro placental TGF-beta	653.3077	2	1304.5997	0.0013	54	0.041	L	AEASRASFPGPSE	L		
ETD	*	2	3	gi|1813327	gi|1872554	prepro placental TGF-beta	540.2744	3	1617.7998	0.0014	80	0.00018	A	LSLAEASRASFPGPSE	L		
CID	*	2	3	gi|1813327	gi|1872554	prepro placental TGF-beta	809.9092	2	1617.7998	0.0040	67	0.0031	A	LSLAEASRASFPGPSE	L		
ETD	*	3	3,4	gi|1813327	gi|1872554	prepro placental TGF-beta	469.7511	4	1874.9751	0.0000	99	2.00E-06	L	FRLSPTASRSWDVTRP	L		
CID	*	3	3,4	gi|1813327	gi|1872554	prepro placental TGF-beta	625.9993	3	1874.9751	0.0009	68	0.0026	L	FRLSPTASRSWDVTRP	L		
CID	*	3	3,4	gi|1813327	gi|1872554	prepro placental TGF-beta	687.3729	3	2059.0963	0.0007	57	0.029	R	ALFRLSPTASRSWDVTRP	L		
ETD	*	3	3,4	gi|1813327	gi|1872554	prepro placental TGF-beta	515.7821	4	2059.0963	0.0031	100	1.30E-06	R	ALFRLSPTASRSWDVTRP	L		
ETD					gi|1872554	prepro placental TGF-beta	573.5255	4	2290.0726	0.0002	98	2.10E-06	A	SRASFPGPSELHSEDSRFRE	L		
CID				gi|1813327		prepro placental TGF-beta	577.0297	4	2304.0883	0.0014	84	5.40E-05	A	SRASFPGPSELHTEDSRFRE	L		
ETD				gi|1813327		prepro placental TGF-beta	644.8089	4	2575.2051	0.0015	79	0.00021	L	AEASRASFPGPSELHTEDSRFRE	L		
CID				gi|1813327	gi|1872554	prepro placental TGF-beta	897.4857	3	2689.4300	0.0054	91	1.30E-05	R	QLSLARPQAPALHLRLSPPPSQSDQ	L	Gln->pyro-Glu (N-term Q)
CID				gi|1813327	gi|1872554	prepro placental TGF-beta	935.1808	3	2802.5140	0.0067	108	2.00E-07	R	QLSLARPQAPALHLRLSPPPSQSDQL	L	Gln->pyro-Glu (N-term Q)
CID	*	4,5	4		gi|1872554	prepro placental TGF-beta	719.6050	4	2874.3896	0.0012	94	9.20E-06	A	LSLAEASRASFPGPSELHSEDSRFRE	L		
ETD	*	4,5	4		gi|1872554	prepro placental TGF-beta	719.6053	4	2874.3896	0.0024	166	5.60E-13	A	LSLAEASRASFPGPSELHSEDSRFRE	L		
CID	*	3,4,5	3,4,5	gi|1813327		prepro placental TGF-beta	578.6884	5	2888.4053	0.0006	99	2.60E-06	A	LSLAEASRASFPGPSELHTEDSRFRE	L		
ETD	*	3,4,5	3,4,5	gi|1813327		prepro placental TGF-beta	578.6887	5	2888.4053	0.0017	123	1.10E-08	A	LSLAEASRASFPGPSELHTEDSRFRE	L		
CID				gi|1813327	gi|1872554	prepro placental TGF-beta	938.5161	5	4687.5310	0.0131	67	0.0026	R	QLSLARPQAPALHLRLSPPPSQSDQLLAESSSARPQLELHLRP	Q	Gln->pyro-Glu (N-term Q)
CID				gi|1813327	gi|1872554	prepro placental TGF-beta	603.3179	2	1204.6200	0.0011	63	0.0053	L	PEGLPEASRLH	R		
CID	*	3	3	gi|1813327	gi|1872554	prepro placental TGF-beta	416.2389	3	1245.6942	0.0005	73	0.00043	R	LGSGQHLHLRIS	R		
ETD	*	3	3	gi|1813327	gi|1872554	prepro placental TGF-beta	416.2389	3	1245.6942	0.0007	86	2.20E-05	R	LGSGQHLHLRIS	R		
CID	*	3	3	gi|1813327	gi|1872554	prepro placental TGF-beta	440.2407	3	1317.7041	-0.0036	86	3.00E-05	A	LPEGLPEASRLH	R		
ETD	*	3	3	gi|1813327	gi|1872554	prepro placental TGF-beta	440.2418	3	1317.7041	-0.0004	72	0.00069	A	LPEGLPEASRLH	R		
ETD					gi|1872554	prepro placental TGF-beta	463.5686	3	1387.6844	-0.0003	76	0.00032	E	LHSEDSRFREL	R		
CID	*	3	3	gi|1813327	gi|1872554	prepro placental TGF-beta	463.5809	3	1387.7208	-0.0001	72	0.00075	P	TASRSWDVTRPL	R		
ETD	*	3	3	gi|1813327	gi|1872554	prepro placental TGF-beta	463.5810	3	1387.7208	0.0004	55	0.037	P	TASRSWDVTRPL	R		
ETD				gi|1813327		prepro placental TGF-beta	468.2405	3	1401.7001	-0.0005	75	0.00048	E	LHTEDSRFREL	R		
ETD				gi|1813327	gi|1872554	prepro placental TGF-beta	487.5996	3	1459.7783	-0.0015	80	0.00012	R	AALPEGLPEASRLH	R		
CID				gi|1813327	gi|1872554	prepro placental TGF-beta	749.4320	2	1496.8463	0.0031	73	0.00045	R	QLSLARPQAPALHL	R	Gln->pyro-Glu (N-term Q)
ETD				gi|1813327	gi|1872554	prepro placental TGF-beta	524.9421	3	1571.8056	-0.0010	81	0.00012	L	SPTASRSWDVTRPL	R		
ETD					gi|1872554	prepro placental TGF-beta	535.5934	3	1603.7590	-0.0008	70	0.0012	P	SELHSEDSRFREL	R		
ETD				gi|1813327		prepro placental TGF-beta	405.4509	4	1617.7747	0.0000	71	0.0013	P	SELHTEDSRFREL	R		
ETD				gi|1813327	gi|1872554	prepro placental TGF-beta	541.6151	3	1621.8213	0.0021	76	0.00036	L	FRLSPTASRSWDVT	R		
ETD				gi|1813327	gi|1872554	prepro placental TGF-beta	425.4971	4	1697.9577	0.0014	98	1.10E-06	R	ILTPEVRLGSGQHLHL	R		
ETD				gi|1813327	gi|1872554	prepro placental TGF-beta	602.9882	3	1805.9424	0.0004	61	0.011	R	ALFRLSPTASRSWDVT	R		
ETD	*	3	3	gi|1813327	gi|1872554	prepro placental TGF-beta	614.6704	3	1840.9908	-0.0014	93	6.30E-06	F	RLSPTASRSWDVTRPL	R		
CID	*	3	3	gi|1813327	gi|1872554	prepro placental TGF-beta	614.6715	3	1840.9908	0.0019	61	0.0095	F	RLSPTASRSWDVTRPL	R		
ETD	*	3	3,4	gi|1813327	gi|1872554	prepro placental TGF-beta	498.0220	4	1988.0592	-0.0001	108	2.20E-07	L	FRLSPTASRSWDVTRPL	R		
CID	*	3	3,4	gi|1813327	gi|1872554	prepro placental TGF-beta	663.6940	3	1988.0592	0.0009	74	0.00063	L	FRLSPTASRSWDVTRPL	R		
ETD					gi|1872554	prepro placental TGF-beta	502.2386	4	2004.9290	-0.0036	69	0.0013	A	SRASFPGPSELHSEDSRF	R		
CID	*	3	3,4	gi|1813327		prepro placental TGF-beta	673.9889	3	2018.9446	0.0002	59	0.016	A	SRASFPGPSELHTEDSRF	R		
ETD	*	3	3,4	gi|1813327		prepro placental TGF-beta	673.9893	3	2018.9446	0.0015	97	3.10E-06	A	SRASFPGPSELHTEDSRF	R		
CID	*	4	4	gi|1813327	gi|1872554	prepro placental TGF-beta	514.5508	4	2054.1749	-0.0007	54	0.019	R	ILTPEVRLGSGQHLHLRIS	R		
ETD	*	4	4	gi|1813327	gi|1872554	prepro placental TGF-beta	514.5513	4	2054.1749	0.0011	100	4.90E-07	R	ILTPEVRLGSGQHLHLRIS	R		
ETD	*	3	3,4	gi|1813327	gi|1872554	prepro placental TGF-beta	526.2932	4	2101.1433	0.0006	96	2.90E-06	A	LFRLSPTASRSWDVTRPL	R		
CID	*	3	3,4	gi|1813327	gi|1872554	prepro placental TGF-beta	701.3890	3	2101.1433	0.0020	62	0.0076	A	LFRLSPTASRSWDVTRPL	R		
ETD					gi|1872554	prepro placental TGF-beta	721.0145	3	2160.0236	-0.0018	55	0.052	R	ASFPGPSELHSEDSRFREL	R		
ETD	*	3	3,4	gi|1813327	gi|1872554	prepro placental TGF-beta	544.0525	4	2172.1804	0.0004	110	1.30E-07	R	ALFRLSPTASRSWDVTRPL	R		
CID	*	3	3,4	gi|1813327	gi|1872554	prepro placental TGF-beta	725.0687	3	2172.1804	0.0038	71	0.00083	R	ALFRLSPTASRSWDVTRPL	R		
ETD			3,4	gi|1813327		prepro placental TGF-beta	544.5172	4	2174.0392	0.0003	136	4.20E-10	R	ASFPGPSELHTEDSRFREL	R		
ETD					gi|1872554	prepro placental TGF-beta	570.0188	4	2276.0458	0.0003	62	0.0078	L	AEASRASFPGPSELHSEDSRF	R		
CID					gi|1872554	prepro placental TGF-beta	763.0330	3	2286.0764	0.0007	79	0.00021	A	LSLAEASRASFPGPSELHSEDS	R		
ETD				gi|1813327		prepro placental TGF-beta	573.5224	4	2290.0614	-0.0010	119	1.50E-08	L	AEASRASFPGPSELHTEDSRF	R		
ETD				gi|1813327		prepro placental TGF-beta	767.7057	3	2300.0920	0.0031	113	8.70E-08	A	LSLAEASRASFPGPSELHTEDS	R		
CID	*	4	4		gi|1872554	prepro placental TGF-beta	601.7963	4	2403.1567	-0.0004	77	0.00037	A	SRASFPGPSELHSEDSRFREL	R		
ETD	*	4	4		gi|1872554	prepro placental TGF-beta	601.7965	4	2403.1567	0.0000	158	3.00E-12	A	SRASFPGPSELHSEDSRFREL	R		
ETD	*	3,4	3,4,5	gi|1813327		prepro placental TGF-beta	605.2992	4	2417.1724	-0.0045	148	3.40E-11	A	SRASFPGPSELHTEDSRFREL	R		
CID	*	3,4	3,4,5	gi|1813327		prepro placental TGF-beta	605.3005	4	2417.1724	0.0005	78	0.0003	A	SRASFPGPSELHTEDSRFREL	R		
ETD				gi|1813327		prepro placental TGF-beta	623.5514	4	2490.1775	-0.0010	117	3.10E-08	L	SLAEASRASFPGPSELHTEDSRF	R		
ETD	*	3,4	4		gi|1872554	prepro placental TGF-beta	648.3195	4	2589.2459	0.0029	157	3.80E-12	A	LSLAEASRASFPGPSELHSEDSRF	R		
CID	*	3,4	4		gi|1872554	prepro placental TGF-beta	864.0903	3	2589.2459	0.0031	141	1.70E-10	A	LSLAEASRASFPGPSELHSEDSRF	R		
ETD	*	3,4	3,4	gi|1813327		prepro placental TGF-beta	651.8237	4	2603.2616	0.0043	178	2.90E-14	A	LSLAEASRASFPGPSELHTEDSRF	R		
CID	*	3,4	3,4	gi|1813327		prepro placental TGF-beta	868.7627	3	2603.2616	0.0047	131	1.60E-09	A	LSLAEASRASFPGPSELHTEDSRF	R		
CID				gi|1813327		prepro placental TGF-beta	655.3205	4	2617.2521	0.0008	71	0.0014	A	EASRASFPGPSELHTEDSRFREL	R		
ETD					gi|1872554	prepro placental TGF-beta	669.5755	4	2674.2735	-0.0006	142	1.10E-10	L	AEASRASFPGPSELHSEDSRFREL	R		
ETD	*	4	4	gi|1813327		prepro placental TGF-beta	673.0796	4	2688.2892	0.0000	138	3.10E-10	L	AEASRASFPGPSELHTEDSRFREL	R		
CID	*	4	4	gi|1813327		prepro placental TGF-beta	673.0803	4	2688.2892	0.0031	119	2.40E-08	L	AEASRASFPGPSELHTEDSRFREL	R		
ETD	*	3,4,5	3,4,5		gi|1872554	prepro placental TGF-beta	598.5025	5	2987.4737	0.0026	183	1.10E-14	A	LSLAEASRASFPGPSELHSEDSRFREL	R		
CID	*	3,4,5	3,4,5		gi|1872554	prepro placental TGF-beta	747.8780	4	2987.4737	0.0092	134	1.00E-09	A	LSLAEASRASFPGPSELHSEDSRFREL	R		
CID	*	3,4	3,4,5	gi|1813327		prepro placental TGF-beta	751.3786	4	3001.4893	-0.0042	96	6.10E-06	A	LSLAEASRASFPGPSELHTEDSRFREL	R		
ETD	*	3,4	3,4,5	gi|1813327		prepro placental TGF-beta	601.3054	5	3001.4893	0.0014	190	2.70E-15	A	LSLAEASRASFPGPSELHTEDSRFREL	R		
ETD	*	4	4	gi|1813327	gi|1872554	prepro placental TGF-beta	831.6907	4	3322.7269	0.0067	151	1.90E-11	R	LSPPPSQSDQLLAESSSARPQLELHLRPQAA	R		
CID	*	4	4	gi|1813327	gi|1872554	prepro placental TGF-beta	831.6914	4	3322.7269	0.0097	90	2.20E-05	R	LSPPPSQSDQLLAESSSARPQLELHLRPQAA	R		
CID	*	5,6	5,6	gi|1813327	gi|1872554	prepro placental TGF-beta	827.2833	6	4957.6638	-0.0075	181	1.40E-14	R	QLSLARPQAPALHLRLSPPPSQSDQLLAESSSARPQLELHLRPQAA	R	Gln->pyro-Glu (N-term Q)
ETD	*	5,6	5,6	gi|1813327	gi|1872554	prepro placental TGF-beta	827.2841	6	4957.6638	-0.0030	220	1.90E-18	R	QLSLARPQAPALHLRLSPPPSQSDQLLAESSSARPQLELHLRPQAA	R	Gln->pyro-Glu (N-term Q)
ETD				gi|1813327	gi|1872554	prepro placental TGF-beta	761.9957	7	5326.8875	0.0315	119	6.70E-07	R	QLSLARPQAPALHLRLSPPPSQSDQLLAESSSARPQLELHLRPQAARGR	R	Gln->pyro-Glu (N-term Q)
CID				gi|1813327	gi|1872554	prepro placental TGF-beta	1039.5705	3	3115.6778	0.0119	98	2.10E-06	R	QLSLARPQAPALHLRLSPPPSQSDQLLAE	S	Gln->pyro-Glu (N-term Q)
ETD				gi|1813327	gi|1872554	prepro placental TGF-beta	536.2828	3	1605.8263	0.0002	84	5.50E-05	R	ALFRLSPTASRSWD	V		
ETD	*	3,4,5	4	gi|190412		pro-galanin	789.8964	4	3155.5537	0.0030	183	1.30E-14	R	GWTLNSAGYLLGPHAVGNHRSFSDKNGLTS	K		

CID	*	3,4,5	4	gi|190412	pro-galanin	789.8966	4	3155.5537	0.0035	102	1.40E-06	R	GWTLNSAGYLLGPHAVGNHRSFSDKNGLTS	K	
ETD				gi|190412	pro-galanin	545.9157	3	1634.7246	0.0006	54	0.03	R	ELRPEDGMKPGSFD	R	
ETD	*	2,3	3	gi|190412	pro-galanin	655.3316	3	1962.9700	0.0031	93	8.50E-06	R	GWTLNSAGYLLGPHAVGNH	R	
CID	*	2,3	3	gi|190412	pro-galanin	982.4946	2	1962.9700	0.0046	102	1.10E-06	-	GWTLNSAGYLLGPHAVGNH	R	
CID				gi|62087328	Proprotein convertase subtilisin/kexin type 1	935.4849	2	1868.9479	0.0073	99	2.20E-06	R	DDRLLQALVDILNEEN	-	
ETD	*	3,4	4	gi|62087328	Proprotein convertase subtilisin/kexin type 1	893.4379	4	3569.7155	0.0069	117	4.70E-08	R	GVEKMVDPGEEQPTGENPKENTLVSKSPSSSSVG	G	Amidated (C-term)
CID	*	3,4	4	gi|62087328	Proprotein convertase subtilisin/kexin type 1	1190.9153	3	3569.7155	0.0086	124	1.00E-08	R	GVEKMVDPGEEQPTGENPKENTLVSKSPSSSSVG	G	Amidated (C-term)
CID				gi|62087328	Proprotein convertase subtilisin/kexin type 1	877.3882	2	1752.7591	0.0027	59	0.007	L	SDDDRVIWAEGQYE	K	
ETD	*	2,3	3	gi|62087328	Proprotein convertase subtilisin/kexin type 1	622.9556	3	1865.8432	0.0017	89	1.30E-05	R	LSDDDRVIWAEGQYE	K	
CID	*	2,3	3	gi|62087328	Proprotein convertase subtilisin/kexin type 1	933.9306	2	1865.8432	0.0036	72	0.00066	R	LSDDDRVIWAEGQYE	K	
CID				gi|62087328	Proprotein convertase subtilisin/kexin type 1	752.0180	3	2253.0298	0.0023	130	1.10E-09	L	SDDDRVIWAEGQYEKERS	K	
CID	*	3,4	3,4	gi|62087328	Proprotein convertase subtilisin/kexin type 1	789.7130	3	2366.1138	0.0033	135	4.90E-10	R	LSDDDRVIWAEGQYEKERS	K	
ETD	*	3,4	3,4	gi|62087328	Proprotein convertase subtilisin/kexin type 1	592.5367	4	2366.1138	0.0037	125	4.70E-09	R	LSDDDRVIWAEGQYEKERS	K	
CID		2,3		gi|62087328	Proprotein convertase subtilisin/kexin type 1	945.9926	2	1889.9622	0.0085	103	7.90E-07	S	AIAEELGYDLLGGIGSLE	N	
CID				gi|62087328	Proprotein convertase subtilisin/kexin type 1	708.6679	3	2122.9807	0.0010	63	0.0064	R	LSDDDRVIWAEGQYEKE	R	
ETD	*	5,6,7,8	7	gi|62087328	Proprotein convertase subtilisin/kexin type 1	778.6853	7	5443.7377	0.0086	136	8.50E-10	A	KRGFVNEWAAEIPGGPEAASAIAEELGYDLLGGIGSLENHYLFKHKNHP	R	
ETD	*	6,7,8	7,8	gi|62087328	Proprotein convertase subtilisin/kexin type 1	700.9887	8	5599.8388	0.0124	138	5.30E-10	A	KRGFVNEWAAEIPGGPEAASAIAEELGYDLLGGIGSLENHYLFKHKNHPR	R	
ETD	*	2,3	3	gi|62087328	Proprotein convertase subtilisin/kexin type 1	714.6960	3	2141.0640	0.0021	55	0.058	S	AIAEELGYDLLGGIGSLENH	Y	
CID	*	2,3	3	gi|62087328	Proprotein convertase subtilisin/kexin type 1	714.6965	3	2141.0640	0.0036	108	3.30E-07	S	AIAEELGYDLLGGIGSLENH	Y	
CID				gi|62087328	Proprotein convertase subtilisin/kexin type 1	869.4086	2	1736.8006	0.0022	65	0.0042	R	LSDDDRVIWAEGQY	E	
CID	*	5,6,7,8	7	gi|62087328	Proprotein convertase subtilisin/kexin type 1	1089.7616	5	5443.7377	0.0339	135	1.50E-09	A	KRGFVNEWAAEIPGGPEAASAIAEELGYDLLGGIGSLENHYLFKHKNHP	R	
CID	*	6,7,8	7,8	gi|62087328	Proprotein convertase subtilisin/kexin type 1	800.9839	7	5599.8388	-0.0023	120	3.70E-08	A	KRGFVNEWAAEIPGGPEAASAIAEELGYDLLGGIGSLENHYLFKHKNHPR	R	
CID				gi|62087328	Proprotein convertase subtilisin/kexin type 1	731.3808	8	5842.9720	0.0164	67	0.0079	A	KRGFVNEWAAEIPGGPEAASAIAEELGYDLLGGIGSLENHYLFKHKNHPRRS	R	
ETD	*	3	4	gi|26252123	Proprotein convertase subtilisin/kexin type 2	647.5836	4	2586.3024	0.0028	150	2.00E-11	K	EELEEELDEAVERGLKSILNKN	-	
CID	*	3	4	gi|26252123	Proprotein convertase subtilisin/kexin type 2	863.1103	3	2586.3024	0.0068	69	0.003	K	EELEEELDEAVERGLKSILNKN	-	
CID				gi|26252123	Proprotein convertase subtilisin/kexin type 2	597.2836	3	1788.8265	0.0026	74	0.00047	K	EELEEELDEAVERGL	K	
CID				gi|26252123	Proprotein convertase subtilisin/kexin type 2	616.9744	3	1847.8995	0.0019	56	0.037	K	LPFAEGLYHFYHNGLA	K	
ETD	*	4	3,4	gi|26252123	Proprotein convertase subtilisin/kexin type 2	556.7836	4	2223.1073	-0.0018	139	2.30E-10	A	ERPVFTNHFLVELHKGED	K	
CID	*	4	3,4	gi|26252123	Proprotein convertase subtilisin/kexin type 2	556.7839	4	2223.1073	-0.0007	75	0.00064	A	ERPVFTNHFLVELHKGED	K	
CID				gi|26252123	Proprotein convertase subtilisin/kexin type 2	622.6618	6	3729.9240	0.0033	61	0.022	A	ERPVFTNHFLVELHKGEDKARQVAAEHGFGVR	K	
CID		6,7		gi|26252123	Proprotein convertase subtilisin/kexin type 2	948.9932	6	5687.9079	0.0076	65	0.011	A	ERPVFTNHFLVELHKGEDKARQVAAEHGFGVRKLPFAEGLYHFYHNGLA	K	
CID				gi|26252123	Proprotein convertase subtilisin/kexin type 2	633.3159	2	1264.6122	0.0051	72	0.00086	R	VKMALGQEGFD	R	
ETD				gi|26252123	Proprotein convertase subtilisin/kexin type 2	606.5680	4	2422.2393	0.0037	126	5.30E-09	A	ERPVFTNHFLVELHKGEDKA	R	
CID		5,6		gi|26252123	Proprotein convertase subtilisin/kexin type 2	715.7728	5	3573.8229	0.0048	85	7.70E-05	A	ERPVFTNHFLVELHKGEDKARQVAAEHGFGV	R	
CID				gi|7019519	proSAAS precursor	711.3895	4	2841.5209	0.0079	133	7.50E-10	R	SVPRGEAAGAVQELARLALAHLLEAERQ	E	
CID				gi|7019519	proSAAS precursor	667.4137	2	1332.8129	0.0000	98	2.30E-07	E	LPPEGVLGALLRV	K	
ETD				gi|7019519	proSAAS precursor	739.0633	3	2214.1644	0.0037	85	5.30E-05	R	AADHDVGSELPPEGVLGALLRV	K	
CID				gi|7019519	proSAAS precursor	472.6225	3	1414.8409	0.0047	52	0.016	E	TPAPQVPARRLLP	P	
ETD	*	2	3	gi|7019519	proSAAS precursor	460.5809	3	1378.7204	0.0003	60	0.012	R	ALAHLLEAERQE	R	
CID	*	2	3	gi|7019519	proSAAS precursor	690.3680	2	1378.7204	0.0009	78	0.00018	R	ALAHLLEAERQE	R	
ETD				gi|7019519	proSAAS precursor	512.6141	3	1534.8215	-0.0010	76	0.0003	A	RALAHLLEAERQE	R	
ETD				gi|7019519	proSAAS precursor	599.9922	3	1796.9533	0.0014	87	2.40E-05	R	GLSAAGPPLAETGAPRRF	R	
CID				gi|7019519	proSAAS precursor	980.5071	2	1958.9949	0.0047	82	0.0001	R	AADHDVGSELPPEGVLGALL	R	
ETD	*	3,4,5	4,5	gi|7019519	proSAAS precursor	595.1206	5	2970.5635	0.0032	168	3.20E-13	R	SVPRGEAAGAVQELARLALAHLLEAERQE	R	
CID	*	3,4,5	4,5	gi|7019519	proSAAS precursor	743.6494	4	2970.5635	0.0049	126	4.90E-09	R	SVPRGEAAGAVQELARLALAHLLEAERQE	R	
ETD	*	5	5	gi|7019519	proSAAS precursor	640.5475	5	3197.7017	-0.0005	115	5.80E-08	R	SVPRGEAAGAVQELARLALAHLLEAERQERA	R	
CID	*	5	5	gi|7019519	proSAAS precursor	640.5483	5	3197.7017	0.0034	124	6.20E-09	R	SVPRGEAAGAVQELARLALAHLLEAERQERA	R	
CID				gi|68160947	secretogranin-2 precursor	602.8251	6	3610.9042	0.0027	66	0.0054	A	ASFGRNQLLQKEPDLRLENVQKFPSPEMR	A	
ETD				gi|68160947	secretogranin-2 precursor	607.6150	3	1819.8257	-0.0026	78	0.00014	D	SKENEKNEGNDEM	K	
ETD	*	3	3	gi|68160947	secretogranin-2 precursor	709.7110	3	2126.1120	-0.0009	105	5.90E-07	K	VLEYLNGEKAEKGREHA	K	
ETD				gi|68160947	secretogranin-2 precursor	627.8005	4	2507.1725	0.0002	80	0.00014	R	KLKHMGFPPMYEENSRDNPF	K	
CID				gi|68160947	secretogranin-2 precursor	563.7969	6	3376.7514	-0.0134	88	3.80E-05	A	FAPERRGHLRPSFHGHHEKGKEGQVLGRS	K	
ETD	*	6	7	gi|68160947	secretogranin-2 precursor	874.1610	7	6112.0686	0.0072	89	5.60E-05	R	SRSNQLPKAAWPHVENRQMAYENLNDKDGELGEYLARMLVKYPEINSNQV	K	
ETD	*	8,10,11	11	gi|68160947	secretogranin-2 precursor	873.5249	11	9597.6934	0.0009	72	0.0028	R	VPGGGSSEDDLGEEGEQAIKEHLNGGSSGETDKLAPVSKRFPVGPPKNDDTPNRQYWDEDLLMKVLEYLNGEKAEKGREHA	K	
CID	*	8,10,11	11	gi|68160947	secretogranin-2 precursor	1200.7213	8	9597.6934	0.0188	190	5.00E-15	R	VPGGGSSEDDLGEEGEQAIKEHLNGGSSGETDKLAPVSKRFPVGPPKNDDTPNRQYWDEDLLMKVLEYLNGEKAEKGREHA	K	
CID				gi|68160947	secretogranin-2 precursor	866.4304	5	4327.1079	0.0076	71	0.0024	R	SRSNQLPKAAWPHVENRQMAYENLNDKDGELGEYLA	R	
ETD	*	5,6	6	gi|68160947	secretogranin-2 precursor	962.6544	6	5769.8671	0.0156	175	1.10E-13	R	SNQLPKAAWPHVENRQMAYENLNDKDGELGEYLARMLVKYPEINSNQ	V	
CID				gi|68160947	secretogranin-2 precursor	999.7192	4	3994.8515	-0.0040	72	0.00083	R	VPGGGSSEDDLGEEGEQAIKEHLNGGSSGETDKL	A	
ETD	*	5,6,7	6,7	gi|68160947	secretogranin-2 precursor	819.5809	6	4911.4290	0.0127	176	8.90E-14	R	FPVGPPKNDDTPNRQYWDEDLLMKVLEYLNGEKAEKGREHI	A	
CID	*	5,6,7	6,7	gi|68160947	secretogranin-2 precursor	819.5814	6	4911.4290	0.0157	194	1.50E-15	R	FPVGPPKNDDTPNRQYWDEDLLMKVLEYLNGEKAEKGREHI	A	
CID				gi|68160947	secretogranin-2 precursor	910.6712	4	3638.6456	0.0102	138	1.60E-10	R	VPGGGSSEDDLGEEGEQAIKEHLNGGSSGET	D	
ETD	*	5,6	5,6	gi|68160947	secretogranin-2 precursor	864.6355	5	4318.1368	0.0044	126	7.90E-09	R	FPVGPPKNDDTPNRQYWDEDLLMKVLEYLNGEKAEK	G	Amidated (C-term)
CID	*	5,6	5,6	gi|68160947	secretogranin-2 precursor	720.6979	6	4318.1368	0.0068	148	5.10E-11	R	FPVGPPKNDDTPNRQYWDEDLLMKVLEYLNGEKAEK	G	Amidated (C-term)
CID				gi|68160947	secretogranin-2 precursor	1247.6414	5	6233.1531	0.0175	123	2.00E-08	K	SGYPKTPGRAGTEALPDGLSVEDILNLLGMESAANGKTSYFPNPYNGEKVLPRLPYGA	G	Amidated (C-term)
CID	*	3,4	4	gi|68160947	secretogranin-2 precursor	689.1122	4	2752.4218	-0.0023	130	2.10E-09	R	NQLLQKEPDLRLENVQKFPSPEM	I	
ETD	*	3,4	4	gi|68160947	secretogranin-2 precursor	689.1138	4	2752.4218	0.0045	97	4.40E-06	R	NQLLQKEPDLRLENVQKFPSPEM	I	
ETD				gi|68160947	secretogranin-2 precursor	637.7376	5	3183.6499	0.0016	137	4.10E-10	S	FQRNQLLQKEPDLRLENVQKFPSPEM	I	
ETD	*	3,4,5	4,5	gi|68160947	secretogranin-2 precursor	669.3523	5	3341.7190	0.0062	137	4.50E-10	A	ASFGRNQLLQKEPDLRLENVQKFPSPEM	I	
CID	*	3,4,5	4,5	gi|68160947	secretogranin-2 precursor	1114.9170	3	3341.7190	0.0102	115	7.00E-08	A	ASFGRNQLLQKEPDLRLENVQKFPSPEM	I	
CID		6,7		gi|68160947	secretogranin-2 precursor	800.7363	6	4798.3449	0.0295	187	9.80E-15	R	FPVGPPKNDDTPNRQYWDEDLLMKVLEYLNGEKAEKGREH	I	
CID				gi|68160947	secretogranin-2 precursor	702.3800	2	1402.7456	-0.0001	65	0.004	L	VKYPEINSNQV	K	
CID				gi|68160947	secretogranin-2 precursor	758.9226	2	1515.8297	0.0009	69	0.0015	M	LVKYPEINSNQV	K	
CID				gi|68160947	secretogranin-2 precursor	816.4258	2	1630.8315	0.0055	88	2.30E-05	E	SVFGELGKLTGPNNQ	K	
CID				gi|68160947	secretogranin-2 precursor	844.9267	2	1687.8377	0.0013	68	0.0026	R	SGQLGIGEEDLRKES	K	
ETD	*	2,3	3	gi|68160947	secretogranin-2 precursor	645.9582	3	1934.8527	0.0002	80	6.90E-05	R	DSKENEKNEGNDEM	K	
CID	*	2,3	3	gi|68160947	secretogranin-2 precursor	968.4352	2	1934.8527	0.0032	92	5.00E-06	R	DSKENEKNEGNDEM	K	
ETD				gi|68160947	secretogranin-2 precursor	682.6898	3	2045.0429	0.0048	84	7.20E-05	L	ATLESVFGELGKLTGPNNQ	K	
CID	*	3	3	gi|68160947	secretogranin-2 precursor	709.7119	3	2126.1120	0.0020	72	0.001	K	VLEYLNGEKAEKGREHA	K	
CID	*	2,3	3	gi|68160947	secretogranin-2 precursor	713.6411	3	2137.8986	0.0029	84	1.40E-05	K	HMGFPPMYEENSRDNPF	K	
ETD	*	2,3	3	gi|68160947	secretogranin-2 precursor	713.6413	3	2137.8986	0.0036	79	4.10E-05	K	HMGFPPMYEENSRDNPF	K	

ETD	*	2,3	3	gi|68160947	secretogranin-2 precursor	720.3844	3	2158.1270	0.0043	103	8.10E-07	S	LATLESVFGELGKLTGPNNQ	K		
CID	*	2,3	3	gi|68160947	secretogranin-2 precursor	1080.0741	2	2158.1270	0.0067	86	4.60E-05	S	LATLESVFGELGKLTGPNNQ	K		
ETD	*	2	3	gi|68160947	secretogranin-2 precursor	749.3951	3	2245.1590	0.0046	93	1.10E-05	Q	SLATLESVFGELGKLTGPNNQ	K		
CID	*	2	3	gi|68160947	secretogranin-2 precursor	1123.5903	2	2245.1590	0.0070	69	0.002	Q	SLATLESVFGELGKLTGPNNQ	K		
ETD				gi|68160947	secretogranin-2 precursor	564.5586	4	2254.2069	-0.0017	113	6.60E-08	M	KVLEYLNGEKAEKGREHIA	K		
CID				gi|68160947	secretogranin-2 precursor	769.6585	3	2305.9532	0.0006	67	0.0004	R	ERMDEEQKLYTDDEDDIY	K		
ETD	*	3	3	gi|68160947	secretogranin-2 precursor	911.7957	3	2732.3617	0.0034	70	0.0021	E	QEGAIKEHLNQGSSGETDKLAPVS	K	Gln->pyro-Glu (N-term Q)	
CID	*	3	3	gi|68160947	secretogranin-2 precursor	911.7962	3	2732.3617	0.0050	121	1.80E-08	E	QEGAIKEHLNQGSSGETDKLAPVS	K	Gln->pyro-Glu (N-term Q)	
CID				gi|68160947	secretogranin-2 precursor	930.4224	3	2788.2457	-0.0002	128	1.40E-09	S	QTQEEVRDSKEMEKNEQNDEM	K	Gln->pyro-Glu (N-term Q)	
CID				gi|68160947	secretogranin-2 precursor	632.3260	5	3156.5913	0.0025	74	0.0009	Y	WDEDLLMKVLEYLNGEKAEKGREHIA	K		
CID				gi|68160947	secretogranin-2 precursor	1075.8479	3	3224.5183	0.0035	148	3.10E-11	R	ELDLPVDLDDISEADLDHPDLFQNRMLS	K		
ETD	*	3,4	4	gi|68160947	secretogranin-2 precursor	841.6887	4	3362.7205	0.0050	163	1.20E-12	R	SGQLGIQEEDLRKESKDGLSDDVSKVIAYL	K		
CID	*	3,4	4	gi|68160947	secretogranin-2 precursor	1121.9183	3	3362.7205	0.0126	119	2.90E-08	R	SGQLGIQEEDLRKESKDGLSDDVSKVIAYL	K		
ETD				gi|68160947	secretogranin-2 precursor	874.1806	4	3492.6856	0.0078	166	5.80E-13	D	DLQEEEQEQAIKEHLNQGSSGETDKLAPVS	K		
ETD	*	4	4	gi|68160947	secretogranin-2 precursor	884.7000	4	3534.7664	0.0047	128	3.90E-09	Y	ENLNDKDGELGEYLARMLVKYPEIINSNQV	K		
CID	*	4	4	gi|68160947	secretogranin-2 precursor	884.7013	4	3534.7664	0.0097	83	0.00015	Y	ENLNDKDGELGEYLARMLVKYPEIINSNQV	K		
ETD	*	4	3,4	gi|68160947	secretogranin-2 precursor	920.2128	4	3676.8108	0.0115	138	4.70E-10	R	TNEIVEEQYTPGSLATLESVFGELGKLTGPNNQ	K		
CID	*	4	3,4	gi|68160947	secretogranin-2 precursor	920.2134	4	3676.8108	0.0138	97	5.30E-06	R	TNEIVEEQYTPGSLATLESVFGELGKLTGPNNQ	K		
ETD				gi|68160947	secretogranin-2 precursor	925.4664	4	3697.8297	0.0066	101	2.10E-06	A	YENLNDKDGELGEYLARMLVKYPEIINSNQV	K		
CID				gi|68160947	secretogranin-2 precursor	1252.2342	3	3753.6725	0.0083	172	4.70E-14	R	VPQGQSSEDDLQEEEQEQAIKEHLNQGSSGETD	K		
ETD	*	4	4	gi|68160947	secretogranin-2 precursor	943.2261	4	3768.8668	0.0085	108	4.40E-07	M	AYENLNDKDGELGEYLARMLVKYPEIINSNQV	K		
CID	*	4	4	gi|68160947	secretogranin-2 precursor	943.2267	4	3768.8668	0.0111	92	1.90E-05	M	AYENLNDKDGELGEYLARMLVKYPEIINSNQV	K		
CID				gi|68160947	secretogranin-2 precursor	975.9862	4	3899.9073	0.0086	91	2.50E-05	Q	MAYENLNDKDGELGEYLARMLVKYPEIINSNQV	K		
CID	*	4	4	gi|68160947	secretogranin-2 precursor	1003.7442	4	4010.9393	0.0084	113	1.30E-07	R	QMAYENLNDKDGELGEYLARMLVKYPEIINSNQV	K	Gln->pyro-Glu (N-term Q)	
ETD	*	4	4	gi|68160947	secretogranin-2 precursor	1003.7450	4	4010.9393	0.0116	130	2.50E-09	R	QMAYENLNDKDGELGEYLARMLVKYPEIINSNQV	K	Gln->pyro-Glu (N-term Q)	
ETD				gi|68160947	secretogranin-2 precursor	804.3787	5	4016.8545	0.0025	132	8.10E-10	D	WNPVEEKIESQTQEEVRDSKENEKNEQNDEM	K		
ETD				gi|68160947	secretogranin-2 precursor	1039.2391	4	4152.9207	0.0066	118	2.20E-08	P	GQGSSEDDLQEEEQEQAIKEHLNQGSSGETDKLAPVS	K		
CID		4,5		gi|68160947	secretogranin-2 precursor	1047.0279	4	4184.0670	0.0155	82	0.00018	N	RQMAYENLNDKDGELGEYLARMLVKYPEIINSNQV	K		
CID				gi|68160947	secretogranin-2 precursor	839.2151	5	4191.0259	0.0130	126	7.50E-09	R	FPVGPPKNDDTPNRQYWDEDLLMKVLEYLNGEKAE	K		
CID	*	5	5	gi|68160947	secretogranin-2 precursor	860.6304	5	4298.1099	0.0058	110	3.00E-07	E	NRQMAYENLNDKDGELGEYLARMLVKYPEIINSNQV	K		
ETD	*	5	5	gi|68160947	secretogranin-2 precursor	860.6305	5	4298.1099	0.0065	74	0.0013	E	NRQMAYENLNDKDGELGEYLARMLVKYPEIINSNQV	K		
CID	*	4	4,5	gi|68160947	secretogranin-2 precursor	1088.2697	4	4349.0419	0.0078	151	1.70E-11	R	VPQGQSSEDDLQEEEQEQAIKEHLNQGSSGETDKLAPVS	K		
ETD	*	4	4,5	gi|68160947	secretogranin-2 precursor	870.8178	5	4349.0419	0.0106	201	1.50E-16	R	VPQGQSSEDDLQEEEQEQAIKEHLNQGSSGETDKLAPVS	K		
CID		4,5		gi|68160947	secretogranin-2 precursor	902.0374	5	4505.1430	0.0078	89	2.90E-05	K	RVPQGQSSEDDLQEEEQEQAIKEHLNQGSSGETDKLAPVS	K		
ETD				gi|68160947	secretogranin-2 precursor	915.6289	5	4573.1038	0.0041	73	0.00066	D	VVQGEDWNPVEEKIESQTQEEVRDSKENEKNEQNDEM	K		
ETD	*	6,7	6,7	gi|68160947	secretogranin-2 precursor	790.7325	6	4738.3449	0.0066	175	1.10E-13	P	VGPPKNDDTPNRQYWDEDLLMKVLEYLNGEKAEKGREHIA	K		
CID	*	6,7	6,7	gi|68160947	secretogranin-2 precursor	790.7327	6	4738.3449	0.0078	168	5.80E-13	P	VGPPKNDDTPNRQYWDEDLLMKVLEYLNGEKAEKGREHIA	K		
ETD				gi|68160947	secretogranin-2 precursor	964.4438	5	4817.1733	0.0093	71	0.00074	Y	EDVVGGEDWNPVEEKIESQTQEEVRDSKENEKNEQNDEM	K		
ETD	*	4,5,6,7,8	5,6,7,8	gi|68160947	secretogranin-2 precursor	712.7885	7	4982.4661	0.0029	184	1.40E-14	R	FPVGPPKNDDTPNRQYWDEDLLMKVLEYLNGEKAEKGREHIA	K		
CID	*	4,5,6,7,8	5,6,7,8	gi|68160947	secretogranin-2 precursor	831.4194	6	4982.4661	0.0069	225	1.10E-18	R	FPVGPPKNDDTPNRQYWDEDLLMKVLEYLNGEKAEKGREHIA	K		
CID		5,6		gi|68160947	secretogranin-2 precursor	867.9376	6	5201.5702	0.0118	126	8.60E-09	K	AAWIPHVENRQMAYENLNDKDGELGEYLARMLVKYPEIINSNQV	K		
CID				gi|68160947	secretogranin-2 precursor	1093.7058	5	5463.4808	0.0119	96	2.40E-06	K	ANNIAYEDVVGGEDWNPVEEKIESQTQEEVRDSKENEKNEQNDEM	K		
ETD	*	5,6,7	5,6,7	gi|68160947	secretogranin-2 precursor	979.1654	6	5868.9355	0.0133	205	1.20E-16	R	SNQLPKAAWIPHVENRQMAYENLNDKDGELGEYLARMLVKYPEIINSNQV	K		
CID	*	5,6,7	5,6,7	gi|68160947	secretogranin-2 precursor	979.1655	6	5868.9355	0.0139	182	2.40E-14	R	SNQLPKAAWIPHVENRQMAYENLNDKDGELGEYLARMLVKYPEIINSNQV	K		
CID	*	6	7	gi|68160947	secretogranin-2 precursor	1019.6864	6	6112.0686	0.0061	243	1.90E-20	R	SRSNQLPKAAWIPHVENRQMAYENLNDKDGELGEYLARMLVKYPEIINSNQV	K		
CID				gi|68160947	secretogranin-2 precursor	1280.0660	6	7674.3410	0.0113	103	2.50E-06	R	MDEEQKLYTDDEDDIYKANNIAYEDVVGGEDWNPVEEKIESQTQEEVRDSKENEKNEQNDEM	K	Phospho (ST)	
CID				gi|68160947	secretogranin-2 precursor	1126.6635	7	7879.5184	0.0380	89	0.00074	R	ERMDEEQKLYTDDEDDIYKANNIAYEDVVGGEDWNPVEEKIESQTQEEVRDSKENEKNEQNDEM	K		
CID				gi|68160947	secretogranin-2 precursor	1138.0774	7	7959.4847	0.0062	78	0.00075	R	ERMDEEQKLYTDDEDDIYKANNIAYEDVVGGEDWNPVEEKIESQTQEEVRDSKENEKNEQNDEM	K	Phospho (ST)	
CID				gi|68160947	secretogranin-2 precursor	985.1619	3	2952.4604	0.0036	66	0.0059	R	TNEIVEEQYTPGSLATLESVFGELGK	L		
ETD	*	2	3	gi|68160947	secretogranin-2 precursor	530.6194	3	1588.8362	0.0003	72	0.00079	R	SNQLPKAAWIPHVE	N		
CID	*	2	3	gi|68160947	secretogranin-2 precursor	795.4273	2	1588.8362	0.0039	72	0.00091	R	SNQLPKAAWIPHVE	N		
CID				gi|68160947	secretogranin-2 precursor	875.4160	3	2623.2177	0.0084	107	2.80E-07	R	ELDLPVDLDDISEADLDHPDLFQ	N		
CID				gi|68160947	secretogranin-2 precursor	1006.4881	3	3016.4310	0.0115	107	4.40E-07	R	QMAYENLNDKDGELGEYLARMLVKY	P	Gln->pyro-Glu (N-term Q)	
CID				gi|68160947	secretogranin-2 precursor	1017.4811	4	4065.8886	0.0067	145	5.00E-11	R	VPQGQSSEDDLQEEEQEQAIKEHLNQGSSGETDKLA	P		
CID				gi|68160947	secretogranin-2 precursor	518.5948	3	1552.7634	-0.0009	60	0.016	R	FPVGPPKNDDTPNR	Q		
CID	*	3	3	gi|68160947	secretogranin-2 precursor	1183.9287	3	3548.7522	0.0121	110	2.90E-07	R	TNEIVEEQYTPGSLATLESVFGELGKLTGPNN	Q		
ETD	*	3	3	gi|68160947	secretogranin-2 precursor	1183.9288	3	3548.7522	0.0124	61	0.021	R	TNEIVEEQYTPGSLATLESVFGELGKLTGPNN	Q		
CID				gi|68160947	secretogranin-2 precursor	1262.2822	3	3783.8123	0.0124	69	0.0027	R	QMAYENLNDKDGELGEYLARMLVKYPEIINSN	Q	Gln->pyro-Glu (N-term Q)	
CID				gi|68160947	secretogranin-2 precursor	842.9238	2	1683.8288	0.0041	105	5.10E-07	R	LVNAAGSGRLQNGQNGE	R		
CID				gi|68160947	secretogranin-2 precursor	852.4497	2	1702.8791	0.0057	70	0.0017	R	SNQLPKAAWIPHVEN	R		
ETD	*	2	3	gi|68160947	secretogranin-2 precursor	596.3205	3	1785.9373	0.0024	59	0.017	A	ASFGRNQLLQKEPDL	R		
CID	*	2	3	gi|68160947	secretogranin-2 precursor	893.9779	2	1785.9373	0.0040	56	0.035	A	ASFGRNQLLQKEPDL	R		
CID				gi|68160947	secretogranin-2 precursor	649.6779	3	1946.0122	-0.0002	73	0.00077	R	SRSNQLPKAAWIPHVEN	R		
CID	*	2,3	3	gi|68160947	secretogranin-2 precursor	671.6794	3	2012.0147	0.0015	111	1.30E-07	R	LVNAAGSGRLQNGQNGERAT	R		
ETD	*	2,3	3	gi|68160947	secretogranin-2 precursor	671.6799	3	2012.0147	0.0033	142	1.20E-10	R	LVNAAGSGRLQNGQNGERAT	R		
CID				gi|68160947	secretogranin-2 precursor	1062.0713	2	2122.1198	0.0083	59	0.019	R	LFEKPLDSQSIYQLEIS	R		
ETD	*	4	4	gi|68160947	secretogranin-2 precursor	666.1060	4	2660.3935	0.0015	139	2.50E-10	R	LPYGAGRSRSNQLPKAAWIPHVEN	R		
CID	*	4	4	gi|68160947	secretogranin-2 precursor	666.1061	4	2660.3935	0.0018	82	0.00013	R	LPYGAGRSRSNQLPKAAWIPHVEN	R		
ETD	*	3	3	gi|68160947	secretogranin-2 precursor	913.4291	3	2737.2607	0.0049	62	0.0085	R	ELDLPVDLDDISEADLDHPDLFQN	R		
CID	*	3	3	gi|68160947	secretogranin-2 precursor	913.4296	3	2737.2607	0.0064	83	6.30E-05	R	ELDLPVDLDDISEADLDHPDLFQN	R		
CID				gi|68160947	secretogranin-2 precursor	717.3849	4	2865.5058	0.0046	91	1.40E-05	R	NQLLQKEPDLRLENVQKFPSPEMI	R		
ETD	*	4,5	4,5	gi|68160947	secretogranin-2 precursor	864.7096	4	3454.8031	0.0064	149	3.00E-11	A	ASFGRNQLLQKEPDLRLENVQKFPSPEMI	R		
CID	*	4,5	4,5	gi|68160947	secretogranin-2 precursor	864.7098	4	3454.8031	0.0070	67	0.004	A	ASFGRNQLLQKEPDLRLENVQKFPSPEMI	R		
CID				gi|68160947	secretogranin-2 precursor	1269.3126	3	3804.9057	0.0102	93	1.50E-05	R	TNEIVEEQYTPGSLATLESVFGELGKLTGPNNGK	R		
CID	*	4,5	4	gi|68160947	secretogranin-2 precursor	1023.5178	4	4090.0494	-0.0073	120	3.10E-08	R	TNEIVEEQYTPGSLATLESVFGELGKLTGPNNGKRE	R		
ETD	*	4,5	4	gi|68160947	secretogranin-2 precursor	1023.5180	4	4090.0494	-0.0065	112	1.90E-07	R	TNEIVEEQYTPGSLATLESVFGELGKLTGPNNGKRE	R		
CID				gi|68160947	secretogranin-2 precursor	1285.1753	4	5136.6580	0.0141	80	0.00031	R	LFEKPLDSQSIYQLEISRNLQPPEDLIEMLKTGEKPNGSVEPE	R		
ETD				gi|68160947	secretogranin-2 precursor	1030.0794	5	5145.3628	0.0022	70	0.0038	R	ALEYENLRQGAHKEESSPDTNPTGGVSVPLGQKENGGESHLPE	R	Phospho (ST)	
CID	*	5,6	5,6,7	gi|68160947	secretogranin-2 precursor	1063.5531	5	5312.7348	-0.0057	211	2.60E-17	R	SGQLGIQEEDLRKESKDGLSDDVSKVIAYLKRLVNAAGSGRLQNGQNGE	R		
ETD	*	5,6	5,6,7	gi|68160947	secretogranin-2 precursor	759.9710	7	5312.7348	0.0113	208	5.40E-17	R	SGQLGIQEEDLRKESKDGLSDDVSKVIAYLKRLVNAAGSGRLQNGQNGE	R		

ETD	*	5,6,7	6,7	gi|68160947	secretogranin-2 precursor	806.8546	7	5640.9207	0.0102	245	9.50E-21	R	SGQLGIQEEDLRKESKDGLSDDVSKVIAYLKRLVNAAGSGRLGNGQNGERAT	R	
CID	*	5,6,7	6,7	gi|68160947	secretogranin-2 precursor	941.1626	6	5640.9207	0.0113	259	3.70E-22	R	SGQLGIQEEDLRKESKDGLSDDVSKVIAYLKRLVNAAGSGRLGNGQNGERAT	R	
CID				gi|68160947	secretogranin-2 precursor	1162.3263	5	5806.5751	0.0200	170	5.60E-14	R	ERMDEEQKLYTDDEDDYIKANNIAYEDVVGGEDWNPVEEKIESGTQEEV	R	
CID				gi|68160947	secretogranin-2 precursor	1090.0564	6	6534.2917	0.0030	65	0.013	K	SGYPKTPGRAGTEALPDGLSVEDLNLLGMESAANGKTSYFPNPYNGEKVLPRLPYGAGRS	R	
CID				gi|68160947	secretogranin-2 precursor	1166.5957	6	6993.5433	-0.0127	117	8.50E-08	R	MLSKSGYPKTPGRAGTEALPDGLSVEDLNLLGMESAANGKTSYFPNPYNGEKVLPRLPYGAGRS	R	
CID	*	4	4	gi|68160947	secretogranin-2 precursor	1066.5128	4	4262.0098	0.0123	154	9.40E-12	R	VPGGGSSEDDLQEEEQEQAIKEHLNGGSSQETDKLAPV	S	
ETD	*	4	4	gi|68160947	secretogranin-2 precursor	1066.5132	4	4262.0098	0.0139	150	2.20E-11	R	VPGGGSSEDDLQEEEQEQAIKEHLNGGSSQETDKLAPV	S	
CID				gi|68160947	secretogranin-2 precursor	774.9094	2	1547.8017	0.0026	89	2.00E-05	R	MLVKYPEINSNQ	V	
CID				gi|68160947	secretogranin-2 precursor	918.4581	4	3669.7984	0.0048	81	0.00023	M	AYENLNDKDGELGEYLARMLVKYPEINSNQ	V	
ETD	*	4	4	gi|68160947	secretogranin-2 precursor	1041.7461	4	4162.9414	0.0139	117	3.20E-08	R	VPGGGSSEDDLQEEEQEQAIKEHLNGGSSQETDKLAP	V	
CID	*	4	4	gi|68160947	secretogranin-2 precursor	1041.7473	4	4162.9414	0.0187	172	1.20E-13	R	VPGGGSSEDDLQEEEQEQAIKEHLNGGSSQETDKLAP	V	
CID				gi|68160947	secretogranin-2 precursor	1142.5115	5	5707.5067	0.0144	57	0.0077	R	ERMDEEQKLYTDDEDDYIKANNIAYEDVVGGEDWNPVEEKIESGTQEE	V	
CID	*	5,6	6	gi|68160947	secretogranin-2 precursor	1154.9837	5	5769.8671	0.0151	155	1.20E-11	R	SNQLPKAAWIPHVENRQMAYENLNDKDGELGEYLARMLVKYPEINSNQ	V	
CID				gi|68160947	secretogranin-2 precursor	615.6376	3	1843.8853	0.0055	64	0.0066	R	FPVGPPKNDDTPNRQY	W	
CID				gi|68160947	secretogranin-2 precursor	695.8504	2	1389.6850	0.0012	68	0.0024	Y	WDEDLLMKVLE	Y	
CID				gi|68160947	secretogranin-2 precursor	777.3839	2	1552.7483	0.0050	80	0.00016	Q	YWDEDLLMKVLE	Y	
CID	*	3	3	gi|68160947	secretogranin-2 precursor	561.2814	3	1680.8220	0.0004	76	0.00042	R	FPVGPPKNDDTPNRQ	Y	
ETD	*	3	3	gi|68160947	secretogranin-2 precursor	561.2815	3	1680.8220	0.0007	60	0.012	R	FPVGPPKNDDTPNRQ	Y	
ETD	*	4	4	gi|68160947	secretogranin-2 precursor	772.6518	4	3086.5731	0.0052	157	5.00E-12	R	SGQLGIQEEDLRKESKDGLSDDVSKVIA	Y	
CID	*	4	4	gi|68160947	secretogranin-2 precursor	772.6519	4	3086.5731	0.0055	59	0.032	R	SGQLGIQEEDLRKESKDGLSDDVSKVIA	Y	
CID				gi|68160947	secretogranin-2 precursor	804.8977	4	3215.5597	0.0019	85	7.90E-05	R	FPVGPPKNDDTPNRQYWDEDLLMKVLE	Y	
CID		4,5,6,7		gi|15778922	secretogranin-3 precursor	999.5130	5	4992.5178	0.0110	203	1.60E-16	K	GNKEDYDLSKMRDFINKQADAYVEKGDLDKEEAEAIKRIYSSL	-	
CID				gi|15778922	secretogranin-3 precursor	964.4674	2	1926.9170	0.0034	72	0.0009	R	ELSAERPLNEQIAEAEE	D	
ETD	*	3	3	gi|15778922	secretogranin-3 precursor	434.5942	3	1300.7602	0.0007	84	1.40E-05	L	LKAITEKEKIE	K	
CID	*	3	3	gi|15778922	secretogranin-3 precursor	434.5944	3	1300.7602	0.0013	51	0.032	L	LKAITEKEKIE	K	
CID	*	2,3	3	gi|15778922	secretogranin-3 precursor	1021.9802	2	2041.9439	0.0019	88	1.80E-05	R	ELSAERPLNEQIAEAEED	K	
ETD	*	2,3	3	gi|15778922	secretogranin-3 precursor	681.6559	3	2041.9439	0.0019	111	8.10E-08	R	ELSAERPLNEQIAEAEED	K	
CID	*	2,3	3	gi|15778922	secretogranin-3 precursor	1142.5715	2	2283.1230	0.0055	91	1.50E-05	R	ELSAERPLNEQIAEAEEDKI	K	
ETD	*	2,3	3	gi|15778922	secretogranin-3 precursor	762.0504	3	2283.1230	0.0064	81	0.00015	R	ELSAERPLNEQIAEAEEDKI	K	
ETD				gi|15778922	secretogranin-3 precursor	455.5686	3	1363.6844	-0.0006	92	1.00E-05	F	PKPGSGQDKSLHN	R	
ETD	*	2	3	gi|15778922	secretogranin-3 precursor	504.5908	3	1510.7528	-0.0021	80	0.00013	A	FPKPGSGQDKSLHN	R	
CID	*	2	3	gi|15778922	secretogranin-3 precursor	756.3840	2	1510.7528	0.0005	64	0.0055	A	FPKPGSGQDKSLHN	R	
ETD	*	4	4	gi|15778922	secretogranin-3 precursor	511.5498	4	2042.1735	-0.0032	130	4.70E-10	L	LKAITEKEKIEKERGSI	R	
CID	*	4	4	gi|15778922	secretogranin-3 precursor	511.5499	4	2042.1735	-0.0028	67	0.00093	L	LKAITEKEKIEKERGSI	R	
CID		4,5		gi|4507243	somatostatin preproprotein	644.3620	5	3216.7771	-0.0034	79	0.00011	G	APSDPRLRGFLQKSLAAAAGKGELAKYFL	A	
CID				gi|4507243	somatostatin preproprotein	948.4765	2	1894.9312	0.0072	89	1.90E-05	A	KYFLAELLSEPNQTEN	D	
CID				gi|4507243	somatostatin preproprotein	516.9628	3	1547.8671	-0.0006	63	0.003	Q	KSLAAAAGKGELAKY	F	
ETD	*	4,5	4,5	gi|4507243	somatostatin preproprotein	592.3316	5	2956.6246	-0.0032	159	1.30E-12	G	APSDPRLRGFLQKSLAAAAGKGELAKY	F	
CID	*	4,5	4,5	gi|4507243	somatostatin preproprotein	740.1644	4	2956.6246	0.0038	82	6.30E-05	G	APSDPRLRGFLQKSLAAAAGKGELAKY	F	
CID				gi|4507243	somatostatin preproprotein	629.3619	2	1256.7088	0.0005	64	0.003	Q	KSLAAAAGKGELA	K	
ETD				gi|4507243	somatostatin preproprotein	476.5967	3	1426.7681	0.0002	68	0.0015	G	APSDPRLRGFLQ	K	
CID				gi|4507243	somatostatin preproprotein	667.3756	4	2665.4663	0.0071	66	0.0024	G	APSDPRLRGFLQKSLAAAAGKGELA	K	
ETD				gi|4507243	somatostatin preproprotein	670.3744	3	2008.0993	0.0022	120	1.00E-08	Q	KSLAAAAGKGELAKYFLAE	L	
ETD				gi|4507243	somatostatin preproprotein	621.3427	4	2481.3452	-0.0035	159	1.70E-12	G	APSDPRLRGFLQKSLAAAAGKGE	L	
CID				gi|4507243	somatostatin preproprotein	1265.5871	2	2529.1540	0.0056	130	1.10E-09	N	DALEPEDLSQAAEGDEMRLELQ	R	
CID				gi|4507243	somatostatin preproprotein	1285.9341	3	3854.7639	0.0166	142	7.60E-11	L	AELLSEPNQTENDALEPEDLSQAAEGDEMRLELQ	R	
CID				gi|4507243	somatostatin preproprotein	1294.6329	4	5174.4877	0.0148	84	0.00012	A	AAGKGELAKYFLAELLSEPNQTENDALEPEDLSQAAEGDEMRLELQ	R	
CID				gi|4507243	somatostatin preproprotein	1129.9657	5	5644.7729	0.0192	103	1.80E-06	Q	KSLAAAAGKGELAKYFLAELLSEPNQTENDALEPEDLSQAAEGDEMRLELQ	R	
CID				gi|4507243	somatostatin preproprotein	1283.8423	5	6414.1600	0.0151	178	6.50E-14	G	APSDPRLRGFLQKSLAAAAGKGELAKYFLAELLSEPNQTENDALEPEDLSQAAEGDEM	R	
CID	*	5,6,7,8	6,7,8	gi|4507243	somatostatin preproprotein	1008.6544	7	7053.5304	-0.0006	145	1.50E-10	G	APSDPRLRGFLQKSLAAAAGKGELAKYFLAELLSEPNQTENDALEPEDLSQAAEGDEMRLELQ	R	
ETD	*	5,6,7,8	6,7,8	gi|4507243	somatostatin preproprotein	1176.5979	6	7053.5304	0.0133	135	1.60E-09	G	APSDPRLRGFLQKSLAAAAGKGELAKYFLAELLSEPNQTENDALEPEDLSQAAEGDEMRLELQ	R	
CID				gi|9716092	sortilin	863.8586	5	4314.2464	0.0102	90	2.40E-05	S	QDRLDAPPPPAAPLPRWSGPGVSSWQLRAAAAGGAFPRGGRW	R	Gln->pyro-Glu (N-term Q)
CID				gi|9716092	sortilin	847.4548	2	1692.8947	0.0003	82	9.20E-05	S	QDRLDAPPPPAAPLPR	W	Gln->pyro-Glu (N-term Q)
ETD				gi|4507265	stanniocalcin-1 precursor	442.6012	3	1324.7827	-0.0008	52	0.03	R	RTNEPGKLKVL	L	
ETD				gi|4507265	stanniocalcin-1 precursor	428.2627	3	1281.7656	0.0007	58	0.0049	R	TNEPGKLKVLL	R	
CID	*	2,3	3	gi|4507265	stanniocalcin-1 precursor	480.2957	3	1437.8667	-0.0015	55	0.0074	R	RTNEPGKLKVLL	R	
ETD	*	2,3	3	gi|4507265	stanniocalcin-1 precursor	480.2960	3	1437.8667	-0.0005	79	3.30E-05	R	RTNEPGKLKVLL	R	
CID	*	3,4	3,4	gi|4507265	stanniocalcin-1 precursor	417.2555	4	1664.9937	-0.0008	55	0.0064	R	TNEPGKLKVLLRNL	R	
ETD	*	3,4	3,4	gi|4507265	stanniocalcin-1 precursor	417.2557	4	1664.9937	-0.0002	87	4.20E-06	R	TNEPGKLKVLLRNL	R	
ETD	*	3,4	3,4	gi|4507265	stanniocalcin-1 precursor	608.0381	3	1821.0948	-0.0024	81	1.50E-05	R	RTNEPGKLKVLLRNL	R	
CID	*	3,4	3,4	gi|4507265	stanniocalcin-1 precursor	608.0382	3	1821.0948	-0.0021	84	7.30E-06	R	RTNEPGKLKVLLRNL	R	
ETD	*	4	4	gi|4507265	stanniocalcin-1 precursor	719.1230	4	2872.4620	0.0009	91	1.80E-05	R	NPEAITEVVQLPNFSNRYYNRLV	R	
CID	*	4	4	gi|4507265	stanniocalcin-1 precursor	719.1236	4	2872.4620	0.0034	114	9.40E-08	R	NPEAITEVVQLPNFSNRYYNRLV	R	
CID				gi|4507267	stanniocalcin-2 precursor	788.7651	5	3938.7804	0.0089	98	1.40E-06	R	GSKSHPNAHARGRVSGLGAGGPSGSSEWEDEGSEYSDI	R	
ETD	*	4,5	4,5	gi|13325075	sulfhydryl oxidase 1	582.1272	5	2905.5998	-0.0001	159	1.10E-12	R	DTGAALLAESRAEKNRLWGPLEVRRV	G	Amidated (C-term)
CID	*	4,5	4,5	gi|13325075	sulfhydryl oxidase 1	727.4077	4	2905.5998	0.0017	60	0.01	R	DTGAALLAESRAEKNRLWGPLEVRRV	G	Amidated (C-term)
ETD	*	4	4	gi|13325075	sulfhydryl oxidase 1	827.6449	4	3306.5476	0.0031	119	2.10E-08	R	AAPGGEPPEHMAELGRNEGEGPLGGWHLS	K	
CID	*	4	4	gi|13325075	sulfhydryl oxidase 1	827.6469	4	3306.5476	0.0110	93	9.10E-06	R	AAPGGEPPEHMAELGRNEGEGPLGGWHLS	K	
CID				gi|13325075	sulfhydryl oxidase 1	832.7802	3	2495.3132	0.0055	82	0.0001	R	DTGAALLAESRAEKNRLWGPLEV	R	
ETD	*	3	3	gi|13325075	sulfhydryl oxidase 1	799.7567	3	2396.2448	0.0035	74	0.00072	R	DTGAALLAESRAEKNRLWGPLE	V	
CID	*	3	3	gi|13325075	sulfhydryl oxidase 1	799.7569	3	2396.2448	0.0040	83	0.00011	R	DTGAALLAESRAEKNRLWGPLE	V	
ETD	*	3	3	gi|13325075	sulfhydryl oxidase 1	605.6619	3	1813.9646	-0.0007	73	0.00074	R	DTGAALLAESRAEKNRL	W	
CID	*	3	3	gi|13325075	sulfhydryl oxidase 1	605.6609	3	1813.9646	-0.0038	87	2.60E-05	R	DTGAALLAESRAEKNRL	W	
CID	*	2	3	gi|194386366	Synaptotagmin-4	1263.1523	2	2524.2850	0.0051	92	1.20E-05	M	APITTSREEFDEIPTVVGFSAF	G	Amidated (C-term)
ETD	*	2	3	gi|194386366	Synaptotagmin-4	842.4381	3	2524.2850	0.0075	66	0.0049	M	APITTSREEFDEIPTVVGFSAF	G	Amidated (C-term)
CID		6,7		gi|3396697	TMSB10	699.7953	7	4891.5124	0.0041	117	6.80E-08	M	ADKPDMGEIASFDKAKLKKTETQEKNTLPTKETEGEKRSEIS	-	
CID	*	4,5,6,7,8	5,6,7,8	gi|3396697	TMSB10	1234.3915	4	4933.5229	0.0140	238	4.60E-20	M	ADKPDMGEIASFDKAKLKKTETQEKNTLPTKETEGEKRSEIS	-	Acetyl (N-term)
ETD	*	4,5,6,7,8	5,6,7,8	gi|3396697	TMSB10	823.2644	6	4933.5229	0.0198	212	1.80E-17	M	ADKPDMGEIASFDKAKLKKTETQEKNTLPTKETEGEKRSEIS	-	Acetyl (N-term)
CID				gi|3396697	TMSB10	727.8795	6	4361.2311	0.0022	65	0.0094	M	ADKPDMGEIASFDKAKLKKTETQEKNTLPTKETEGEK	R	Acetyl (N-term)
CID				gi|112180627	TMSB4X	675.1941	6	4045.1218	-0.0010	56	0.053	E	EKFDKSKLKKTETQEKNPLPSKETIEGEKQAGES	-	

ETD	*	4,5,6,7	5,6,7,8	gi|112180627	TMSB4X	993.1059	5	4960.4862	0.0069	262	2.40E-22	M	SDKPDMAEIEKFDKSKLKKTETQEKNPLPSKETIEQEKQAGES	-	Acetyl (N-term)
CID	*	4,5,6,7	5,6,7,8	gi|112180627	TMSB4X	1241.1322	4	4960.4862	0.0135	143	1.90E-10	M	SDKPDMAEIEKFDKSKLKKTETQEKNPLPSKETIEQEKQAGES	-	Acetyl (N-term)
CID	*	7,9,10		gi|4507761	Ubiquitin	856.9713	10	8559.6167	0.0237	165	2.70E-13	-	MQIFVKTLTGKTITLEVEPSDTIENVKAKIQDKEGIPPDQQRLIFAGKQLEDGRTLSDYNQKESTLHLVLRLRGG	I	
ETD	*		10,11,12	gi|4507761	Ubiquitin	714.3111	12	8559.6167	0.0289	141	7.80E-11	-	MQIFVKTLTGKTITLEVEPSDTIENVKAKIQDKEGIPPDQQRLIFAGKQLEDGRTLSDYNQKESTLHLVLRLRGG	I	
CID				gi|495097	Vacuolar ATP synthase subunit S1	1191.6303	3	3571.8621	0.0069	214	8.20E-18	R	EVLTGNDEVIGQVLSTLKSEDVPYTAALTAVRPS	R	
ETD				gi|17136078	Neurosecretory protein VGF	674.3541	3	2020.0378	0.0028	88	3.00E-05	E	QEELENYIEHVLLRRP	-	Gln->pyro-Glu (N-term Q)
ETD			3,4	gi|17136078	Neurosecretory protein VGF	723.0443	3	2166.1069	0.0043	93	1.00E-05	Q	EQEELENYIEHVLLRRP	-	
ETD	*	3	3	gi|17136078	Neurosecretory protein VGF	760.0548	3	2277.1389	0.0035	79	0.00024	L	QEQEELENYIEHVLLRRP	-	Gln->pyro-Glu (N-term Q)
CID	*	3	3	gi|17136078	Neurosecretory protein VGF	760.0553	3	2277.1389	0.0052	73	0.00093	L	QEQEELENYIEHVLLRRP	-	Gln->pyro-Glu (N-term Q)
CID	*	3,4	3,4	gi|17136078	Neurosecretory protein VGF	602.8200	4	2407.2495	0.0015	80	0.00017	R	LQEQEELENYIEHVLLRRP	-	
ETD	*	3,4	3,4	gi|17136078	Neurosecretory protein VGF	602.8201	4	2407.2495	0.0019	103	8.00E-07	R	LQEQEELENYIEHVLLRRP	-	
ETD	*	3,4	4,5	gi|17136078	Neurosecretory protein VGF	641.8450	4	2563.3506	0.0002	127	3.50E-09	R	RLQEQEELENYIEHVLLRRP	-	
CID	*	3,4	4,5	gi|17136078	Neurosecretory protein VGF	855.4584	3	2563.3506	0.0026	108	3.00E-07	R	RLQEQEELENYIEHVLLRRP	-	
ETD				gi|17136078	Neurosecretory protein VGF	570.7058	5	2848.4943	-0.0015	110	2.00E-07	E	ERRLQEQEELENYIEHVLLRRP	-	
ETD	*	4,5	4,5	gi|17136078	Neurosecretory protein VGF	724.5613	5	3617.7709	-0.0006	113	1.30E-07	A	QEEAEAEERRLQEQEELENYIEHVLLRRP	-	Gln->pyro-Glu (N-term Q)
CID	*	4,5	4,5	gi|17136078	Neurosecretory protein VGF	905.4511	4	3617.7709	0.0043	124	9.30E-09	A	QEEAEAEERRLQEQEELENYIEHVLLRRP	-	Gln->pyro-Glu (N-term Q)
ETD	*	3,4,5,6	3,4,5,6	gi|17136078	Neurosecretory protein VGF	742.1747	5	3705.8346	0.0028	162	1.80E-12	R	AQEEAEAEERRLQEQEELENYIEHVLLRRP	-	
CID	*	3,4,5,6	3,4,5,6	gi|17136078	Neurosecretory protein VGF	742.1764	5	3705.8346	0.0113	131	2.10E-09	R	AQEEAEAEERRLQEQEELENYIEHVLLRRP	-	
ETD	*	4,5,6	4,5,6	gi|17136078	Neurosecretory protein VGF	773.3947	5	3861.9357	0.0013	136	7.70E-10	R	RAQEEAEAEERRLQEQEELENYIEHVLLRRP	-	
CID	*	4,5,6	4,5,6	gi|17136078	Neurosecretory protein VGF	773.3980	5	3861.9357	0.0180	144	1.00E-10	R	RAQEEAEAEERRLQEQEELENYIEHVLLRRP	-	
CID		6,7		gi|17136078	Neurosecretory protein VGF	682.5203	6	4089.0739	0.0045	108	4.20E-07	Q	ARRAQEEAEAEERRLQEQEELENYIEHVLLRRP	-	
CID	*	4,5,6,7	6,7	gi|17136078	Neurosecretory protein VGF	737.2096	6	4417.2122	0.0015	117	6.10E-08	R	EAQARRAQEEAEAEERRLQEQEELENYIEHVLLRRP	-	
ETD	*	4,5,6,7	6,7	gi|17136078	Neurosecretory protein VGF	737.2110	6	4417.2122	0.0104	127	6.60E-09	R	EAQARRAQEEAEAEERRLQEQEELENYIEHVLLRRP	-	
CID				gi|17136078	Neurosecretory protein VGF	654.3385	7	4573.3133	0.0054	61	0.026	G	REAQARRAQEEAEAEERRLQEQEELENYIEHVLLRRP	-	
CID				gi|17136078	Neurosecretory protein VGF	719.2242	7	5027.5097	0.0085	86	0.0001	R	HYPGREAQARRAQEEAEAEERRLQEQEELENYIEHVLLRRP	-	
ETD	*	6,7,8,9	7,8,9,10,11	gi|17136078	Neurosecretory protein VGF	778.8960	8	6223.1096	0.0003	184	1.80E-14	R	HYHHALPPSRHYPGREAQARRAQEEAEAEERRLQEQEELENYIEHVLLRRP	-	
CID	*	6,7,8,9	7,8,9,10,11	gi|17136078	Neurosecretory protein VGF	692.4645	9	6223.1096	0.0052	96	9.90E-06	R	HYHHALPPSRHYPGREAQARRAQEEAEAEERRLQEQEELENYIEHVLLRRP	-	
ETD	*	9	9	gi|17136078	Neurosecretory protein VGF	709.8088	9	6379.2107	0.0033	64	0.017	R	RHYHHALPPSRHYPGREAQARRAQEEAEAEERRLQEQEELENYIEHVLLRRP	-	
CID	*	9	9	gi|17136078	Neurosecretory protein VGF	709.8089	9	6379.2107	0.0041	83	0.00023	R	RHYHHALPPSRHYPGREAQARRAQEEAEAEERRLQEQEELENYIEHVLLRRP	-	
CID	*	9,10	9,10,11,12	gi|17136078	Neurosecretory protein VGF	834.2144	9	7498.8620	0.0018	63	0.021	R	TLQPPSALRRRHYHHALPPSRHYPGREAQARRAQEEAEAEERRLQEQEELENYIEHVLLRRP	-	
ETD	*	9,10	9,10,11,12	gi|17136078	Neurosecretory protein VGF	682.7226	11	7498.8620	0.0063	91	3.50E-05	R	TLQPPSALRRRHYHHALPPSRHYPGREAQARRAQEEAEAEERRLQEQEELENYIEHVLLRRP	-	
CID				gi|17136078	Neurosecretory protein VGF	574.8096	2	1147.6026	0.0021	79	0.00013	K	AYGQVAAPFPK	A	
CID				gi|17136078	Neurosecretory protein VGF	609.7837	2	1217.5524	0.0005	67	0.0016	R	GLGEAAEERES	A	
CID				gi|17136078	Neurosecretory protein VGF	858.3996	2	1714.7798	0.0047	75	0.00032	S	EPGDEGELFQGVDPR	A	
CID				gi|17136078	Neurosecretory protein VGF	865.9663	2	1729.9151	0.0029	68	0.0024	R	VPERAPLPPPAPSGFQ	A	
ETD				gi|17136078	Neurosecretory protein VGF	468.0074	4	1868.0030	-0.0026	61	0.011	R	TLQPPSALRRRHYHH	A	
ETD	*	2,3	3	gi|17136078	Neurosecretory protein VGF	639.6268	3	1915.8548	0.0037	77	0.00016	R	NSEPQDEGELFQGVDPR	A	
CID	*	2,3	3	gi|17136078	Neurosecretory protein VGF	958.9371	2	1915.8548	0.0048	111	6.80E-08	R	NSEPQDEGELFQGVDPR	A	
CID				gi|17136078	Neurosecretory protein VGF	489.2443	4	1952.9506	-0.0025	67	0.0031	R	HYHHALPPSRHYPGRE	A	
ETD	*	3	3	gi|17136078	Neurosecretory protein VGF	654.6283	3	1960.8609	0.0020	70	0.00072	R	GLGEAAEERESAREEEE	A	
CID	*	3	3	gi|17136078	Neurosecretory protein VGF	654.6284	3	1960.8609	0.0025	99	9.50E-07	R	GLGEAAEERESAREEEE	A	
CID				gi|17136078	Neurosecretory protein VGF	504.7529	4	2014.9874	-0.0047	70	0.0016	H	YHHALPPSRHYPGREAQ	A	
CID				gi|17136078	Neurosecretory protein VGF	1050.9940	2	2099.9760	-0.0025	65	0.0036	R	NSEPQDEGELFQGVDPRAL	A	
CID	*	4,5	4	gi|17136078	Neurosecretory protein VGF	539.0185	4	2152.0463	-0.0014	88	2.80E-05	R	HYHHALPPSRHYPGREAQ	A	
ETD	*	4,5	4	gi|17136078	Neurosecretory protein VGF	539.0189	4	2152.0463	0.0003	79	0.00024	R	HYHHALPPSRHYPGREAQ	A	
CID				gi|17136078	Neurosecretory protein VGF	1086.5163	2	2171.0131	0.0050	90	1.40E-05	R	NSEPQDEGELFQGVDPRALA	A	
ETD	*	4	5	gi|17136078	Neurosecretory protein VGF	462.6361	5	2308.1474	-0.0032	58	0.034	R	RHYHHALPPSRHYPGREAQ	A	
CID	*	4	5	gi|17136078	Neurosecretory protein VGF	578.0436	4	2308.1474	-0.0020	67	0.0043	R	RHYHHALPPSRHYPGREAQ	A	
CID				gi|17136078	Neurosecretory protein VGF	1209.6090	2	2417.1962	0.0073	131	1.70E-09	D	PSEELEALASLLQELRDFSPSS	A	
ETD				gi|17136078	Neurosecretory protein VGF	616.5611	4	2462.2190	-0.0037	82	0.00014	A	APPGRPEAGPPPLSSEHKEPVAGD	A	
CID				gi|17136078	Neurosecretory protein VGF	897.7116	3	2690.1062	0.0066	61	0.0015	R	QGEERVGEEDEEAAEAEAEAEEAER	A	
CID	*	4,5	4,5	gi|17136078	Neurosecretory protein VGF	547.6679	5	2733.3068	-0.0039	112	1.10E-07	R	MPDSGPLPETHKFGEGVSSPKTHLGE	A	
ETD	*	4,5	4,5	gi|17136078	Neurosecretory protein VGF	684.3349	4	2733.3068	0.0038	159	2.30E-12	R	MPDSGPLPETHKFGEGVSSPKTHLGE	A	
CID	*	3	4	gi|17136078	Neurosecretory protein VGF	921.8059	3	2762.3929	0.0030	143	1.20E-10	R	ASWGEFQARVPERAPLPPPAPSGFQ	A	
ETD	*	3	4	gi|17136078	Neurosecretory protein VGF	691.6066	4	2762.3929	0.0043	83	0.00011	R	ASWGEFQARVPERAPLPPPAPSGFQ	A	
ETD				gi|17136078	Neurosecretory protein VGF	764.1396	4	3052.5267	0.0027	111	1.90E-07	R	THTLTRVNLESPGPERVWRASWGEFQ	A	
CID				gi|17136078	Neurosecretory protein VGF	1026.1397	3	3075.3904	0.0069	139	1.30E-10	R	VGEEDEEAAEAEAEAEEAERARQNALLF	A	
ETD	*	3	3,4	gi|17136078	Neurosecretory protein VGF	790.8453	4	3159.3460	0.0061	163	1.60E-13	R	QGEERVGEEDEEAAEAEAEAEEAERARQN	A	
CID	*	3	3,4	gi|17136078	Neurosecretory protein VGF	1054.1258	3	3159.3460	0.0096	125	1.00E-09	R	QGEERVGEEDEEAAEAEAEAEEAERARQN	A	
ETD				gi|17136078	Neurosecretory protein VGF	655.1326	5	3270.6269	-0.0002	63	0.014	A	APPGRPEAGPPPLSSEHKEPVAGDAVPGPKCDGS	A	
CID		5,6		gi|17136078	Neurosecretory protein VGF	683.7537	5	3413.7289	0.0031	114	1.10E-07	R	MPDSGPLPETHKFGEGVSSPKTHLGEALAPLSK	A	
CID	*	5	5,6	gi|17136078	Neurosecretory protein VGF	686.5671	5	3427.7987	0.0006	63	0.01	R	TLQPPSALRRRHYHHALPPSRHYPGREAQ	A	
ETD	*	5	5,6	gi|17136078	Neurosecretory protein VGF	686.5673	5	3427.7987	0.0014	144	9.10E-11	R	TLQPPSALRRRHYHHALPPSRHYPGREAQ	A	
ETD			4,5	gi|17136078	Neurosecretory protein VGF	887.4468	4	3545.7611	-0.0029	131	2.30E-09	R	QGETAAAETETRTHTLTRVNLESPGPERVWR	A	Gln->pyro-Glu (N-term Q)
CID				gi|17136078	Neurosecretory protein VGF	1202.2176	3	3603.6196	0.0114	152	6.20E-12	R	QGEERVGEEDEEAAEAEAEAEEAERARQNALLF	A	
CID				gi|17136078	Neurosecretory protein VGF	1292.6046	3	3874.7769	0.0151	127	2.80E-09	R	SQTHSLPAPESPEPAAPPRPQTPENGPEASDPSEELE	A	
CID				gi|17136078	Neurosecretory protein VGF	864.3835	5	4316.8772	0.0037	81	2.70E-05	R	GLGEAAEERESAREEEEAEGERRGGEERVGEEDEEAAE	A	
CID				gi|17136078	Neurosecretory protein VGF	871.2281	5	4351.1006	0.0034	157	5.80E-12	R	QGETAAAETETRTHTLTRVNLESPGPERVWRASWGEFQ	A	Gln->pyro-Glu (N-term Q)
ETD				gi|17136078	Neurosecretory protein VGF	889.9880	5	4444.8994	0.0042	77	4.40E-05	R	EEEEAEGERRGGEERVGEEDEEAAEAEAEAEEAERARQN	A	
CID		5,6		gi|17136078	Neurosecretory protein VGF	909.6725	5	4543.3210	0.0053	195	1.00E-15	R	MPDSGPLPETHKFGEGVSSPKTHLGEALAPLSKAYGQVAAPFPK	A	
CID		6,7		gi|17136078	Neurosecretory protein VGF	668.4865	7	4672.3496	0.0049	88	5.40E-05	R	VPERAPLPPPAPSGFQARMPDSGPLPETHKFGEGVSSPKTHLGE	A	
CID				gi|17136078	Neurosecretory protein VGF	1200.0924	4	4796.3165	0.0240	79	0.00035	R	NSEPQDEGELFQGVDPRALAAVLLQALDRPASPPAPSGSGQGPEEE	A	
CID				gi|17136078	Neurosecretory protein VGF	964.9023	5	4819.4601	0.0152	65	0.011	R	QAAAGEERLADLASDLLLQYLLQGGARGRGLGGRGLGEAAEERES	A	Gln->pyro-Glu (N-term Q)
CID				gi|17136078	Neurosecretory protein VGF	978.8441	5	4889.1730	0.0110	119	8.20E-09	R	EEEEAEGERRGGEERVGEEDEEAAEAEAEAEEAERARQNALLF	A	
CID				gi|17136078	Neurosecretory protein VGF	1081.4778	5	5402.3397	0.0129	80	2.70E-05	R	GLGEAAEERESAREEEEAEGERRGGEERVGEEDEEAAEAEAEAEEAER	A	
CID		6,7		gi|17136078	Neurosecretory protein VGF	932.6213	6	5589.6659	0.0183	98	4.80E-06	R	SQTHSLPAPESPEPAAPPRPQTPENGPEASDPSEELEALASLLQELRDFSPSS	A	
CID		6,7		gi|17136078	Neurosecretory protein VGF	951.8136	6	5704.8274	0.0107	176	1.00E-13	R	ASWGEFQARVPERAPLPPPAPSGFQARMPDSGPLPETHKFGEGVSSPKTHLGE	A	
ETD	*	6,7	6,7	gi|17136078	Neurosecretory protein VGF	979.6052	6	5871.5794	0.0082	114	1.40E-08	R	GLGEAAEERESAREEEEAEGERRGGEERVGEEDEEAAEAEAEAEEAERARQN	A	
CID	*	6,7	6,7	gi|17136078	Neurosecretory protein VGF	839.8065	7	5871.5794	0.0150	98	6.60E-07	R	GLGEAAEERESAREEEEAEGERRGGEERVGEEDEEAAEAEAEAEEAERARQN	A	
ETD	*	5,6,7	6,7	gi|17136078	Neurosecretory protein VGF	1053.6518	6	6315.8531	0.0141	115	2.90E-08	R	GLGEAAEERESAREEEEAEGERRGGEERVGEEDEEAAEAEAEAEEAERARQNALLF	A	

CID	*	5,6,7	6,7	gi|171360 78	Neurosecretory protein VGF	1053.6529	6	6315.8531	0.0207	140	8.10E-11	R	GLGEAAEERESAREEEEAEGERRGGEERVGEEDEEAAEEAEAEEAEEARRQNALLF	A	
CID				gi|171360 78	Neurosecretory protein VGF	1054.3587	6	6320.0820	0.0265	105	1.70E-05	R	SPGPPPPAPAPARDELPDWNEVLPPWDREEDEVYPPGPYHPFPNYIRPRTLQPPS	A	
CID				gi|171360 78	Neurosecretory protein VGF	811.3050	8	6482.3638	0.0181	99	3.80E-06	R	VPERAPLPPAPSGFQARMPDSGPLPETHKFGEGVSSPKTHLGEALAPLSKAYQGVAAPFPK	A	
CID				gi|171360 78	Neurosecretory protein VGF	1080.5322	7	7556.6612	0.0133	123	1.90E-08	R	SGEETPGHRRKEAEGTEEGGEEEDDEEMDPQTIDSLIELSTKLHLPADDVVSIEEVEEKRKRKKKN	A	
CID				gi|171360 78	Neurosecretory protein VGF	883.4320	2	1764.8471	0.0023	81	0.00011	A	RDELPDWNEVLPPW	D	
CID				gi|171360 78	Neurosecretory protein VGF	1010.4689	2	2018.9181	0.0052	109	1.60E-07	R	ARQNALLFAEEEDGEAGAE	D	
ETD			4,5	gi|171360 78	Neurosecretory protein VGF	753.8944	4	3011.5465	0.0019	111	1.80E-07	A	APPGRPEAGPPPLSSEHKEPVAGDAVPGPK	D	
CID				gi|171360 78	Neurosecretory protein VGF	1212.2064	3	3633.5825	0.0148	72	0.00036	D	EEAAEEAEAEAEERARQNALLFAEEEDGEAGAE	D	
ETD	*	4,5	4,5	gi|171360 78	Neurosecretory protein VGF	939.2131	5	4691.0138	0.0153	95	9.00E-07	R	GGEERVGEEDEEAAEAEAEAEEAERARQNALLFAEEEDGEAGAE	D	
CID	*	4,5	4,5	gi|171360 78	Neurosecretory protein VGF	1173.7647	4	4691.0138	0.0159	163	1.40E-13	R	GGEERVGEEDEEAAEAEAEAEEAERARQNALLFAEEEDGEAGAE	D	
CID				gi|171360 78	Neurosecretory protein VGF	970.4327	5	4847.1149	0.0123	95	1.30E-06	R	RGGEERVGEEDEEAAEAEAEAEEAERARQNALLFAEEEDGEAGAE	D	
CID			6,7	gi|171360 78	Neurosecretory protein VGF	1058.6179	7	7403.2472	0.0272	137	7.90E-11	R	GLGEAAEERESAREEEEAEGERRGGEERVGEEDEEAAEEAEAEEAEEARRQNALLFAEEEDGEAGAE	D	
CID				gi|171360 78	Neurosecretory protein VGF	699.3635	2	1396.7099	0.0025	54	0.044	R	SPGPPPPAPAPARD	E	
ETD				gi|171360 78	Neurosecretory protein VGF	520.2531	3	1557.7383	-0.0009	61	0.0086	R	AGEEAEAEERRLQ	E	
ETD	*	2	3	gi|171360 78	Neurosecretory protein VGF	572.2872	3	1713.8394	0.0005	101	1.30E-06	R	RAGEEAEAEERRLQ	E	
CID	*	2	3	gi|171360 78	Neurosecretory protein VGF	857.9294	2	1713.8394	0.0049	57	0.027	R	RAGEEAEAEERRLQ	E	
ETD				gi|171360 78	Neurosecretory protein VGF	579.6522	3	1735.9356	-0.0007	101	8.30E-07	L	STKLHLPADDVVSIE	E	
ETD				gi|171360 78	Neurosecretory protein VGF	611.6139	3	1831.8183	0.0016	73	0.00039	R	GLGEAAEERESAREEE	E	
CID	*	3,4	3,4	gi|171360 78	Neurosecretory protein VGF	624.3204	3	1869.9405	-0.0010	69	0.002	A	RRAGEEAEAEERRLQ	E	
ETD	*	3,4	3,4	gi|171360 78	Neurosecretory protein VGF	468.4922	4	1869.9405	-0.0007	93	7.90E-06	A	RRAGEEAEAEERRLQ	E	
CID	*	3	3	gi|171360 78	Neurosecretory protein VGF	678.3069	3	2031.8980	0.0007	80	7.80E-05	R	GLGEAAEERESAREEEEA	E	
ETD	*	3	3	gi|171360 78	Neurosecretory protein VGF	678.3070	3	2031.8980	0.0013	91	5.10E-06	R	GLGEAAEERESAREEEEA	E	
ETD				gi|171360 78	Neurosecretory protein VGF	698.7048	3	2093.0892	0.0035	133	7.80E-10	L	STKLHLPADDVVSIEEVE	E	
ETD				**gi|171360 78**	**Neurosecretory protein VGF**	**568.2864**	**4**	**2269.1158**	**0.0005**	**64**	**0.0076**	**R**	**EAGARRAGEEAEAEERRLQ**	**E**	
ETD	*	2,3	3	gi|171360 78	Neurosecretory protein VGF	764.0080	3	2288.9992	0.0030	76	0.00017	R	GLGEAAEERESAREEEAEQ	E	
CID	*	2,3	3	gi|171360 78	Neurosecretory protein VGF	1145.5106	2	2288.9992	0.0074	89	7.60E-06	R	GLGEAAEERESAREEEAEQ	E	
ETD	*	3	3	gi|171360 78	Neurosecretory protein VGF	785.0637	3	2352.1670	0.0022	114	7.50E-08	R	GQETAAAETETRTHTLTRVNL	E	Gln->pyro-Glu (N-term Q)
CID	*	3	3	gi|171360 78	Neurosecretory protein VGF	785.0643	3	2352.1670	0.0041	75	0.00067	R	GQETAAAETETRTHTLTRVNL	E	Gln->pyro-Glu (N-term Q)
ETD	*	4	4	gi|171360 78	Neurosecretory protein VGF	607.3114	4	2425.2169	-0.0005	143	9.60E-11	G	REAGARRAGEEAEAEERRLQ	E	
CID	*	4	4	gi|171360 78	Neurosecretory protein VGF	607.3117	4	2425.2169	0.0008	71	0.0016	G	REAGARRAGEEAEAEERRLQ	E	
CID				gi|171360 78	Neurosecretory protein VGF	940.7983	3	2819.3686	0.0044	106	5.50E-07	R	GQETAAAETETRTHTLTRVNLESPGP	E	Gln->pyro-Glu (N-term Q)
ETD	*	4	4	gi|171360 78	Neurosecretory protein VGF	744.3397	4	2973.3295	0.0002	108	1.20E-07	R	GLGEAAEERESAREEEEAEGERRGGE	E	
CID	*	4	4	gi|171360 78	Neurosecretory protein VGF	744.3398	4	2973.3295	0.0007	68	0.0013	R	GLGEAAEERESAREEEEAEGERRGGE	E	
CID				gi|171360 78	Neurosecretory protein VGF	1068.5707	3	3202.6860	0.0042	112	1.10E-07	D	PQTIDSLIELSTKLHLPADDVVSIEEVE	E	
ETD				gi|171360 78	Neurosecretory protein VGF	679.5324	5	3392.6259	-0.0004	123	1.10E-08	R	HYHHALPPSRHYPGREAGARRAGEEAEAE	E	
ETD				**gi|171360 78**	**Neurosecretory protein VGF**	**690.7699**	**5**	**3448.8116**	**0.0014**	**62**	**0.015**	**K**	**NAPPEPVPPPRAAAPATHVRSPQPPPPAPAPARD**	**E**	
CID		4,5		gi|171360 78	Neurosecretory protein VGF	784.6252	5	3918.0824	0.0073	108	3.10E-07	R	QAAAQEERLADLASDLLLQYLLQGGARGRGLGGRGLQ	E	Gln->pyro-Glu (N-term Q)
ETD	*	4	4	gi|171360 78	Neurosecretory protein VGF	1141.5028	4	4561.9712	0.0109	78	5.20E-05	R	GGEERVGEEDEEAAEAEAEAEEAERARQNALLFAEEEDGEAGA	E	
CID	*	4	4	gi|171360 78	Neurosecretory protein VGF	1141.5033	4	4561.9712	0.0129	171	3.00E-14	R	GGEERVGEEDEEAAEAEAEAEEAERARQNALLFAEEEDGEAGA	E	
CID				gi|171360 78	Neurosecretory protein VGF	1143.8099	4	4571.1939	0.0166	75	0.0009	R	SQTHSLPAPESPEPAAPPRPQTPENGPEASDPSEELEALASLLQ	E	
ETD	*	5	5	gi|171360 78	Neurosecretory protein VGF	915.8908	5	4574.4065	0.0110	79	0.00031	R	QAEATRQAAAQEERLADLASDLLLQYLLQGGARGRGLGGRGLQ	E	Gln->pyro-Glu (N-term Q)
CID	*	5	5	gi|171360 78	Neurosecretory protein VGF	915.8918	5	4574.4065	0.0161	140	2.30E-10	R	QAEATRQAAAQEERLADLASDLLLQYLLQGGARGRGLGGRGLQ	E	Gln->pyro-Glu (N-term Q)
CID				gi|171360 78	Neurosecretory protein VGF	1239.5812	4	4954.2812	0.0145	106	3.60E-07	R	KEAEGTEEGGEEEDDEEMDPQTIDSLIELSTKLHLPADDVVSIE	E	
CID				gi|171360 78	Neurosecretory protein VGF	995.9236	5	4974.5659	0.0156	161	2.20E-12	R	QAEATRQAAAQEERLADLASDLLLQYLLQGGARGRGLGGRGLQEAAE	E	Gln->pyro-Glu (N-term Q)
ETD	*	4	4	gi|171360 78	Neurosecretory protein VGF	1264.5846	4	5054.2973	0.0120	56	0.027	E	AEGTEEGGEEEDDEEMDPQTIDSLIELSTKLHLPADDVVSIEEVE	E	
CID	*	4	4	gi|171360 78	Neurosecretory protein VGF	1264.5853	4	5054.2973	0.0148	64	0.0042	E	AEGTEEGGEEEDDEEMDPQTIDSLIELSTKLHLPADDVVSIEEVE	E	
CID				gi|171360 78	Neurosecretory protein VGF	1024.4477	5	5117.1960	0.0061	59	0.003	R	GLGEAAEERESAREEEEAEGERRGGEERVGEEDEEAAEEAEAEAEA	E	
CID				**gi|171360 78**	**Neurosecretory protein VGF**	**1296.8464**	**4**	**5183.3398**	**0.0167**	**83**	**4.30E-05**	**K**	**EAEGTEEGGEEEDDEEMDPQTIDSLIELSTKLHLPADDVVSIEEVE**	**E**	
ETD	*	5,6	5,6	gi|171360 78	Neurosecretory protein VGF	1022.9830	6	6131.8400	0.0143	185	4.70E-15	R	SGEETPGHRRKEAEGTEEGGEEEDDEEMDPQTIDSLIELSTKLHLPADDVVSIE	E	
CID	*	5,6	5,6	gi|171360 78	Neurosecretory protein VGF	1227.3784	5	6131.8400	0.0156	178	2.70E-14	R	SGEETPGHRRKEAEGTEEGGEEEDDEEMDPQTIDSLIELSTKLHLPADDVVSIE	E	
ETD	*	6	6	gi|171360 78	Neurosecretory protein VGF	1082.5078	6	6488.9936	0.0095	167	2.90E-13	R	SGEETPGHRRKEAEGTEEGGEEEDDEEMDPQTIDSLIELSTKLHLPADDVVSIEEVE	E	
CID	*	6	6	gi|171360 78	Neurosecretory protein VGF	1082.5082	6	6488.9936	0.0119	107	2.60E-07	R	SGEETPGHRRKEAEGTEEGGEEEDDEEMDPQTIDSLIELSTKLHLPADDVVSIEEVE	E	
CID		6,7		gi|171360 78	Neurosecretory protein VGF	1040.1838	7	7274.2046	0.0310	150	5.10E-12	R	GLGEAAEERESAREEEEAEGERRGGEERVGEEDEEAAEEAEAEEAEEARRQNALLFAEEEDGEAGA	E	
CID				gi|171360 78	Neurosecretory protein VGF	728.4018	2	1454.7881	0.0008	95	3.70E-06	R	VPERAPLPPAPSQ	F	
ETD	*	3	4	gi|171360 78	Neurosecretory protein VGF	865.1467	4	3456.5512	0.0063	182	5.10E-15	R	GGEERVGEEDEEAAEAEAEAEEAERARQNALL	F	
CID	*	3	4	gi|171360 78	Neurosecretory protein VGF	1153.1934	3	3456.5512	0.0072	160	8.00E-13	R	GGEERVGEEDEEAAEAEAEAEEAERARQNALL	F	
CID	*	5,6,7	6	gi|171360 78	Neurosecretory protein VGF	1029.1397	6	6168.7846	0.0099	138	1.20E-10	R	GLGEAAEERESAREEEEAEGERRGGEERVGEEDEEAAEEAEAEEAEEARRQNALL	F	
ETD	*	5,6,7	6	gi|171360 78	Neurosecretory protein VGF	1029.1398	6	6168.7846	0.0105	133	4.30E-10	R	GLGEAAEERESAREEEEAEGERRGGEERVGEEDEEAAEEAEAEEAEEARRQNALL	F	
CID		2,3,4		gi|171360 78	Neurosecretory protein VGF	805.9090	2	1609.8014	0.0020	59	0.019	R	HYHHALPPSRHYP	G	Amidated (C-term)
CID				**gi|171360 78**	**Neurosecretory protein VGF**	**442.4832**	**4**	**1765.9025**	**0.0011**	**64**	**0.0069**	**R**	**RHYHHALPPSRHYP**	**G**	**Amidated (C-term)**
CID				gi|171360 78	Neurosecretory protein VGF	956.5010	2	1910.9810	0.0065	62	0.011	L	GGSEAGERLLQGQLAGVEA	G	Amidated (C-term)
ETD	*	2,3	3	gi|171360 78	Neurosecretory protein VGF	675.6970	3	2024.0650	0.0040	126	3.60E-09	L	LGGSEAGERLLQGQLAGVEA	G	Amidated (C-term)
CID	*	2,3	3	gi|171360 78	Neurosecretory protein VGF	1013.0425	2	2024.0650	0.0054	68	0.0026	L	LGGSEAGERLLQGQLAGVEA	G	Amidated (C-term)
CID				gi|171360 78	Neurosecretory protein VGF	686.3934	3	2056.1541	0.0043	90	6.30E-06	A	SDLLLQYLLQGGARGRGLG	G	Amidated (C-term)
ETD				gi|171360 78	Neurosecretory protein VGF	713.3923	3	2137.1491	0.0059	98	2.10E-06	A	LLGGSEAGERLLQGQLAGVEA	G	Amidated (C-term)
CID				gi|171360 78	Neurosecretory protein VGF	1105.1052	2	2208.1862	0.0096	66	0.0029	S	ALLGGSEAGERLLQGQLAGVEA	G	Amidated (C-term)
ETD	*	3	3	gi|171360 78	Neurosecretory protein VGF	747.7665	3	2240.2753	0.0024	89	5.80E-06	D	LASDLLLQYLLQGGARGRGLG	G	Amidated (C-term)
CID	*	3	3	gi|171360 78	Neurosecretory protein VGF	747.7671	3	2240.2753	0.0041	104	2.20E-07	D	LASDLLLQYLLQGGARGRGLG	G	Amidated (C-term)
ETD	*	2	3	gi|171360 78	Neurosecretory protein VGF	766.0819	3	2295.2182	0.0058	128	2.50E-09	E	SALLGGSEAGERLLQGQLAGVEA	G	Amidated (C-term)
CID	*	2	3	gi|171360 78	Neurosecretory protein VGF	1148.6207	2	2295.2182	0.0086	57	0.028	E	SALLGGSEAGERLLQGQLAGVEA	G	Amidated (C-term)
CID				gi|171360 78	Neurosecretory protein VGF	786.1103	3	2355.3022	0.0068	107	1.90E-07	A	DLASDLLLQYLLQGGARGRGLG	G	Amidated (C-term)
ETD				gi|171360 78	Neurosecretory protein VGF	809.0963	3	2424.2608	0.0063	99	2.30E-06	P	ESALLGGSEAGERLLQGQLAGVEA	G	Amidated (C-term)
CID				gi|171360 78	Neurosecretory protein VGF	631.3353	4	2521.3136	-0.0013	90	1.90E-05	R	PESALLGGSEAGERLLQGQLAGVEA	G	Amidated (C-term)
CID		2,3,4		gi|171360 78	Neurosecretory protein VGF	635.8639	4	2539.4234	0.0032	155	2.40E-12	R	LADLASDLLLQYLLQGGARGRGLG	G	Amidated (C-term)
ETD	*	4	3,4	gi|171360 78	Neurosecretory protein VGF	670.3622	4	2677.4147	0.0051	191	1.40E-15	R	RPESALLGGSEAGERLLQGQLAGVEA	G	Amidated (C-term)
CID	*	4	3,4	gi|171360 78	Neurosecretory protein VGF	670.3623	4	2677.4147	0.0056	113	8.00E-08	R	RPESALLGGSEAGERLLQGQLAGVEA	G	Amidated (C-term)
ETD	*	4	4	gi|171360 78	Neurosecretory protein VGF	683.5682	4	2730.2440	-0.0003	116	2.90E-08	R	GLGEAAEERESAREEEEAEGERR	G	
CID	*	4	4	gi|171360 78	Neurosecretory protein VGF	683.5685	4	2730.2440	0.0008	66	0.0025	R	GLGEAAEERESAREEEEAEGERR	G	
CID				gi|171360 78	Neurosecretory protein VGF	707.1508	4	2824.5671	0.0069	152	4.40E-12	E	ERLADLASDLLLQYLLQGGARGRGLG	G	Amidated (C-term)
ETD			4,5,6	gi|171360 78	Neurosecretory protein VGF	578.1186	5	2885.5538	0.0028	113	7.20E-08	R	TLQPPSALRRRHYHHALPPSRHYP	G	Amidated (C-term)

ETD	*	4	4	gi|171360781	Neurosecretory protein VGF	727.1475	4	2904.5529	0.0081	186	3.40E-15	K	ARRPESALLGGSEAGERLLQGQLAQVEA	G	Amidated (C-term)
CID	*	4	4	gi|171360781	Neurosecretory protein VGF	727.1484	4	2904.5529	0.0114	64	0.0056	K	ARRPESALLGGSEAGERLLQGQLAQVEA	G	Amidated (C-term)
ETD	*	3,4	4	gi|171360781	Neurosecretory protein VGF	750.4081	4	2997.5995	0.0039	70	0.0015	A	AAGEERLADLASDLLLQYLLGGGARGR	G	
CID	*	3,4	4	gi|171360781	Neurosecretory protein VGF	750.4090	4	2997.5995	0.0073	124	6.30E-09	A	AAGEERLADLASDLLLQYLLGGGARGR	G	
CID				gi|171360781	Neurosecretory protein VGF	767.1712	4	3064.6417	0.0140	144	6.10E-11	A	QEERLADLASDLLLQYLLGGGARGRGLG	G	Amidated (C-term); Gln->pyro-Glu (N-term Q)
CID	*	4	4,5	gi|171360781	Neurosecretory protein VGF	782.6514	4	3126.5734	0.0030	58	0.044	A	APPGRPEAGPPPLSSEHKEPVAGDAVPGPKD	G	
ETD	*	4	4,5	gi|171360781	Neurosecretory protein VGF	782.6515	4	3126.5734	0.0036	99	2.90E-06	A	APPGRPEAGPPPLSSEHKEPVAGDAVPGPKD	G	
CID		3,4		gi|171360781	Neurosecretory protein VGF	789.1844	4	3152.7054	0.0030	191	1.10E-15	A	AGEERLADLASDLLLQYLLGGGARGRGLG	G	Amidated (C-term)
CID		3,4		gi|171360781	Neurosecretory protein VGF	795.9275	4	3179.6687	0.0121	121	1.40E-08	R	QAAAGEERLADLASDLLLQYLLGGGARGR	G	Gln->pyro-Glu (N-term Q)
CID				gi|171360781	Neurosecretory protein VGF	1075.5915	3	3223.7425	0.0102	80	0.00012	A	AAGEERLADLASDLLLQYLLGGGARGRGLG	G	Amidated (C-term)
ETD	*	3,4	4	gi|171360781	Neurosecretory protein VGF	824.7036	4	3294.7796	0.0057	103	7.50E-07	Q	AAAGEERLADLASDLLLQYLLGGGARGRGLG	G	Amidated (C-term)
CID	*	3,4	4	gi|171360781	Neurosecretory protein VGF	824.7038	4	3294.7796	0.0064	195	3.90E-16	Q	AAAGEERLADLASDLLLQYLLGGGARGRGLG	G	Amidated (C-term)
ETD	*	3,4	3,4	gi|171360781	Neurosecretory protein VGF	852.4622	4	3405.8116	0.0082	106	4.80E-07	R	QAAAGEERLADLASDLLLQYLLGGGARGRGLG	G	Amidated (C-term); Gln->pyro-Glu (N-term Q)
CID	*	3,4	3,4	gi|171360781	Neurosecretory protein VGF	852.4626	4	3405.8116	0.0098	173	9.20E-14	R	QAAAGEERLADLASDLLLQYLLGGGARGRGLG	G	Amidated (C-term); Gln->pyro-Glu (N-term Q)
CID				gi|171360781	Neurosecretory protein VGF	856.7199	4	3422.8382	0.0122	154	5.10E-12	R	QAAAGEERLADLASDLLLQYLLGGGARGRGLG	G	Amidated (C-term)
ETD				gi|171360781	Neurosecretory protein VGF	689.9800	5	3444.8589	0.0046	107	2.90E-07	A	APPPKARRPESALLGGSEAGERLLQGQLAQVEA	G	Amidated (C-term)
CID				gi|171360781	Neurosecretory protein VGF	905.9888	4	3619.9182	0.0079	71	0.0015	R	QAAAGEERLADLASDLLLQYLLGGGARGRGLGGR	G	Gln->pyro-Glu (N-term Q)
CID		4,5		gi|171360781	Neurosecretory protein VGF	921.0055	4	3679.9870	0.0058	143	7.50E-11	A	TRGAAAGEERLADLASDLLLQYLLGGGARGRGLG	G	Amidated (C-term)
CID	*	4,5	4	gi|171360781	Neurosecretory protein VGF	938.7651	4	3751.0241	0.0072	179	2.00E-14	E	ATRGAAAGEERLADLASDLLLQYLLGGGARGRGLG	G	Amidated (C-term)
ETD	*	4,5	4	gi|171360781	Neurosecretory protein VGF	938.7653	4	3751.0241	0.0080	59	0.017	E	ATRGAAAGEERLADLASDLLLQYLLGGGARGRGLG	G	Amidated (C-term)
ETD				gi|171360781	Neurosecretory protein VGF	946.7638	4	3783.0180	0.0080	93	7.70E-06	Y	GDVAAPFPKARRPESALLGGSEAGERLLQGQLAQVEA	G	Amidated (C-term); Gln->pyro-Glu (N-term Q)
CID	*	4,5,6	6	gi|171360781	Neurosecretory protein VGF	956.7410	4	3822.9289	0.0058	122	2.00E-08	A	APPGRPEAGPPPLSSEHKEPVAGDAVPGPKDGSAPEVR	G	
ETD	*	4,5,6	6	gi|171360781	Neurosecretory protein VGF	638.1634	6	3822.9289	0.0079	73	0.0014	A	APPGRPEAGPPPLSSEHKEPVAGDAVPGPKDGSAPEVR	G	
ETD	*	4,5	4	gi|171360781	Neurosecretory protein VGF	960.0047	4	3835.9928	-0.0032	63	0.012	R	QAEATRQAAAGEERLADLASDLLLQYLLGGGARGR	G	Gln->pyro-Glu (N-term Q)
CID	*	4,5	4	gi|171360781	Neurosecretory protein VGF	768.2073	5	3835.9928	0.0073	102	1.40E-06	R	QAEATRQAAAGEERLADLASDLLLQYLLGGGARGR	G	Gln->pyro-Glu (N-term Q)
CID		4,5		gi|171360781	Neurosecretory protein VGF	791.2292	5	3951.1038	0.0057	98	2.90E-06	Q	AEATRQAAAGEERLADLASDLLLQYLLGGGARGRGLG	G	Amidated (C-term)
CID	*	4,5	4,5	gi|171360781	Neurosecretory protein VGF	1009.5459	4	4034.1449	0.0096	74	0.0007	K	AYQGVAAPFPKARRPESALLGGSEAGERLLQGQLAQVEA	G	Amidated (C-term)
ETD	*	4,5	4,5	gi|171360781	Neurosecretory protein VGF	807.8383	5	4034.1449	0.0101	197	3.90E-16	K	AYQGVAAPFPKARRPESALLGGSEAGERLLQGQLAQVEA	G	Amidated (C-term)
CID	*	4,5	4,5	gi|171360781	Neurosecretory protein VGF	1016.5435	4	4062.1358	0.0091	183	1.10E-14	R	QAEATRQAAAGEERLADLASDLLLQYLLGGGARGRGLG	G	Amidated (C-term); Gln->pyro-Glu (N-term Q)
ETD	*	4,5	4,5	gi|171360781	Neurosecretory protein VGF	813.4365	5	4062.1358	0.0103	163	1.20E-12	R	QAEATRQAAAGEERLADLASDLLLQYLLGGGARGRGLG	G	Amidated (C-term); Gln->pyro-Glu (N-term Q)
CID				gi|171360781	Neurosecretory protein VGF	1045.2122	4	4176.8114	0.0083	80	4.00E-05	R	GQEERVGEEDEEAAEAEAEAEERARQNALLFAEEED	G	
ETD	*	5	5,6	gi|171360781	Neurosecretory protein VGF	943.9226	5	4714.5670	0.0095	153	5.20E-12	E	ALAPLSKAYQGVAAPFPKARRPESALLGGSEAGERLLQGQLAQVEA	G	Amidated (C-term)
CID	*	5	5,6	gi|171360781	Neurosecretory protein VGF	943.9237	5	4714.5670	0.0150	56	0.026	E	ALAPLSKAYQGVAAPFPKARRPESALLGGSEAGERLLQGQLAQVEA	G	Amidated (C-term)
CID				gi|171360781	Neurosecretory protein VGF	994.2491	7	6952.6731	0.0196	68	0.0044	R	PESALLGGSEAGERLLQGQLAQVEAGRRQAEATRQAAAGEERLADLASDLLLQYLLGGGARGRGLG	G	Amidated (C-term)
CID				gi|171360781	Neurosecretory protein VGF	1016.5454	7	7108.7742	-0.0073	95	9.30E-06	R	RPESALLGGSEAGERLLQGQLAQVEAGRRQAEATRQAAAGEERLADLASDLLLQYLLGGGARGRGLG	G	Amidated (C-term)
CID				gi|171360781	Neurosecretory protein VGF	917.9969	8	7335.9124	0.0049	91	1.80E-05	K	ARRPESALLGGSEAGERLLQGQLAQVEAGRRQAEATRQAAAGEERLADLASDLLLQYLLGGGARGRGLG	G	Amidated (C-term)
ETD	*	6,7,8	7,9	gi|171360781	Neurosecretory protein VGF	1062.4183	7	7429.8633	0.0139	129	4.60E-09	R	MPDSGPLPETHKFGEGVSSPKTHLGEALAPLSKAYQGVAAPFPKARRPESALLGGSEAGERLLQGQLAQVEA	G	Amidated (C-term)
CID	*	6,7,8	7,9	gi|171360781	Neurosecretory protein VGF	1239.3232	6	7429.8633	0.0322	76	0.00084	R	MPDSGPLPETHKFGEGVSSPKTHLGEALAPLSKAYQGVAAPFPKARRPESALLGGSEAGERLLQGQLAQVEA	G	Amidated (C-term)
CID		9,10		gi|171360781	Neurosecretory protein VGF	857.4392	10	8564.2974	0.0214	69	0.0066	R	SPGPPPPAPAPARDELPDWNEVLPPWDREEDEVYPPGPYHPFPNYRPRTLQPPSALRRRHYHHALPPSRHYP	G	Amidated (C-term)
CID	*	8	11	gi|171360781	Neurosecretory protein VGF	1172.1227	8	9368.9061	0.0173	97	7.10E-06	R	VPERAPLPPAPSGFQARMPDSGPLPETHKFGEGVSSPKTHLGEALAPLSKAYQGVAAPFPKARRPESALLGGSEAGERLLQGQLAQVEA	G	Amidated (C-term)
ETD	*	8	11	gi|171360781	Neurosecretory protein VGF	852.7279	11	9368.9061	0.0210	70	0.0033	R	VPERAPLPPAPSGFQARMPDSGPLPETHKFGEGVSSPKTHLGEALAPLSKAYQGVAAPFPKARRPESALLGGSEAGERLLQGQLAQVEA	G	Amidated (C-term)
CID	*	8,9	9,10,11,12	gi|171360781	Neurosecretory protein VGF	1156.7193	9	10401.3838	0.0244	96	1.10E-05	R	ASWGEFQARVPERAPLPPAPSGFQARMPDSGPLPETHKFGEGVSSPKTHLGEALAPLSKAYQGVAAPFPKARRPESALLGGSEAGERLLQQSLAQVEA	G	Amidated (C-term)
ETD	*	8,9	9,10,11,12	gi|171360781	Neurosecretory protein VGF	946.5934	11	10401.3838	0.0635	99	8.00E-06	R	ASWGEFQARVPERAPLPPAPSGFQARMPDSGPLPETHKFGEGVSSPKTHLGEALAPLSKAYQGVAAPFPKARRPESALLGGSEAGERLLQQSLAQVEA	G	Amidated (C-term)
CID				gi|171360781	Neurosecretory protein VGF	1151.0324	12	13800.2656	0.0359	93	2.30E-05	R	VPERAPLPPAPSGFQARMPDSGPLPETHKFGEGVSSPKTHLGEALAPLSKAYQGVAAPFPKARRPESALLGGSEAGERLLQQQLAQVEAGRRQAEATRQAAAGEERLADLASDLLLQYLLGGGARGRGLG	G	Amidated (C-term)
CID				gi|171360781	Neurosecretory protein VGF	1141.9897	13	14832.7433	0.0282	77	0.0012	R	ASWGEFQARVPERAPLPPAPSGFQARMPDSGPLPETHKFGEGVSSPKTHLGEALAPLSKAYQGVAAPFPKARRPESALLGGSEAGERLLQQQLAQVEAGRRQAEATRQAAAGEERLADLASDLLLQYLLGGGARGRGLG	G	Amidated (C-term)
ETD				gi|171360781	Neurosecretory protein VGF	532.3019	3	1593.8852	-0.0012	57	0.018	R	TLQPPSALRRRHY	H	
CID				gi|171360781	Neurosecretory protein VGF	839.9484	2	1677.8838	-0.0016	83	6.00E-05	K	NAPPEPVPPPRAAPAPT	H	
CID				gi|171360781	Neurosecretory protein VGF	945.7710	3	2834.2841	0.0071	93	5.10E-06	R	AQEEAEAEERRLQEQEELENYE	H	
ETD	*	5	5	gi|171360781	Neurosecretory protein VGF	812.7486	5	4058.7043	0.0024	68	0.0003	R	SQEETPGHRRKEAEGTEEGGEEEDDEEMDPQTIDSL	I	
CID	*	5	5	gi|171360781	Neurosecretory protein VGF	812.7486	5	4058.7043	0.0026	66	0.00049	R	SQEETPGHRRKEAEGTEEGGEEEDDEEMDPQTIDSL	I	
CID				gi|171360781	Neurosecretory protein VGF	1017.7182	4	4066.8438	-0.0001	59	0.012	A	RDELPDWNEVLPPWDREEDEVYPPGPYHPFPNY	I	
CID		4,5		gi|171360781	Neurosecretory protein VGF	1035.8924	5	5174.4151	0.0105	126	4.60E-09	R	SPGPPPPAPAPARDELPDWNEVLPPWDREEDEVYPPGPYHPFPNY	I	
CID		6,7		gi|171360781	Neurosecretory protein VGF	1205.4303	6	7226.5168	0.0213	69	0.0052	K	NAPPEPVPPPRAAPAPTHVRSPGPPPPAPAPARDELPDWNEVLPPWDREEDEVYPPGPYHPFPNY	I	
CID				gi|171360781	Neurosecretory protein VGF	731.8806	2	1461.7463	0.0003	62	0.0096	S	LLQELRDFSPSSA	K	
ETD				gi|171360781	Neurosecretory protein VGF	602.3201	3	1803.9366	0.0019	72	0.00088	E	ALASLLQELRDFSPSSA	K	
ETD	*	2	3	gi|171360781	Neurosecretory protein VGF	636.3271	3	1905.9571	0.0023	71	0.0013	K	LHLPADDVVSIEEVEE	K	
CID	*	2	3	gi|171360781	Neurosecretory protein VGF	953.9880	2	1905.9571	0.0043	68	0.003	K	LHLPADDVVSIEEVEE	K	
CID				gi|171360781	Neurosecretory protein VGF	741.7196	3	2222.1318	0.0053	62	0.012	L	STKLHLPADDVVSIEEVEE	K	
ETD				gi|171360781	Neurosecretory protein VGF	779.4140	3	2335.2159	0.0042	110	1.80E-07	E	LSTKLHLPADDVVSIEEVEE	K	
ETD	*	3	3	gi|171360781	Neurosecretory protein VGF	830.4214	3	2488.2333	0.0091	99	2.80E-06	D	PSEELEALASLLQELRDFSPSSA	K	
CID	*	3	3	gi|171360781	Neurosecretory protein VGF	830.4218	3	2488.2333	0.0103	57	0.04	D	PSEELEALASLLQELRDFSPSSA	K	
CID				gi|171360781	Neurosecretory protein VGF	860.1229	3	2577.3425	0.0045	58	0.032	L	IELSTKLHLPADDVVSIEEVEE	K	
CID				gi|171360781	Neurosecretory protein VGF	897.8173	3	2690.4266	0.0036	107	3.60E-07	S	LIELSTKLHLPADDVVSIEEVEE	K	
CID				gi|171360781	Neurosecretory protein VGF	926.8286	3	2777.4586	0.0055	66	0.0044	D	SLIELSTKLHLPADDVVSIEEVEE	K	
CID				gi|171360781	Neurosecretory protein VGF	1007.4528	3	3019.3278	0.0088	77	0.00013	E	AEAEEAERARQNALLFAEEEDGEAGAED	K	
CID				gi|171360781	Neurosecretory protein VGF	1074.1395	3	3219.4075	-0.0108	93	2.40E-06	E	AEAEAEEAERARQNALLFAEEEDGEAGAED	K	
CID				gi|171360781	Neurosecretory protein VGF	822.4166	4	3285.6340	0.0033	69	0.003	R	MPDSGPLPETHKFGEGVSSPKTHLGEALAPLS	K	
CID				gi|171360781	Neurosecretory protein VGF	1111.5863	3	3331.7286	0.0084	115	7.30E-08	D	PQTIDSLIELSTKLHLPADDVVSIEEVEE	K	
CID				gi|171360781	Neurosecretory protein VGF	1279.6391	3	3835.8812	0.0142	62	0.016	D	EEMDPQTIDSLIELSTKLHLPADDVVSIEEVEE	K	
CID				gi|171360781	Neurosecretory protein VGF	988.7374	4	3950.9082	0.0124	69	0.0032	D	DEEMDPQTIDSLIELSTKLHLPADDVVSIEEVEE	K	
CID		5,6		gi|171360781	Neurosecretory protein VGF	736.8799	6	4415.2260	0.0097	99	3.70E-06	R	MPDSGPLPETHKFGEGVSSPKTHLGEALAPLSKAYQGVAAPFP	K	
ETD	*	4,5	4	gi|171360781	Neurosecretory protein VGF	1202.5201	4	4806.0407	0.0106	56	0.0047	R	QGEERVGEEDEEAAEAEAEAEAERARQNALLFAEEEDGEAGAED	K	
CID	*	4,5	4	gi|171360781	Neurosecretory protein VGF	1202.5216	4	4806.0407	0.0166	176	5.00E-15	R	QGEERVGEEDEEAAEAEAEAEAERARQNALLFAEEEDGEAGAED	K	
CID				gi|171360781	Neurosecretory protein VGF	993.4379	5	4962.1418	0.0111	55	0.0085	R	RGQEERVGEEDEEAAEAEAEAEAERARQNALLFAEEEDGEAGAED	K	
CID	*	5,6,7	5,6	gi|171360781	Neurosecretory protein VGF	1133.1519	5	5660.7030	0.0201	121	2.30E-08	R	SQTHSLPAPESPEPAAPPRPQTPENGPEASDPSEELEALASLLQELRDFSPSSA	K	
ETD	*	5,6,7	5,6	gi|171360781	Neurosecretory protein VGF	944.4615	6	5660.7030	0.0225	155	9.30E-12	R	SQTHSLPAPESPEPAAPPRPQTPENGPEASDPSEELEALASLLQELRDFSPSSA	K	
CID				gi|171360781	Neurosecretory protein VGF	1016.2749	6	6091.5941	0.0116	101	1.60E-07	R	EEEEAEGERRGGEERVGEEDEEAAEAEAEAEAERARQNALLFAEEEDGEAGAED	K	
CID				gi|171360781	Neurosecretory protein VGF	1043.8686	6	6257.1545	0.0134	91	3.60E-05	R	ASWGEFQARVPERAPLPPAPSGFQARMPDSGPLPETHKFGEGVSSPKTHLGEALAPLS	K	
CID	*	6	6	gi|171360781	Neurosecretory protein VGF	1090.1433	6	6534.8070	0.0091	109	8.10E-06	R	ESARREEEAEQERRGGEERVGEEDEEAAEAEAEAEAERARQNALLFAEEEDGEAGAED	K	
ETD	*	6	6	gi|171360781	Neurosecretory protein VGF	1090.1461	6	6534.8070	0.0259	74	0.023	R	ESARREEEAEQERRGGEERVGEEDEEAAEAEAEAEAERARQNALLFAEEEDGEAGAED	K	

CID	*	5,6,7,8	6,7,8	gi|17136078	Neurosecretory protein VGF	1104.0166	6	6618.0362	0.0197	211	1.00E-17	R	SQEETPGHRRKEAEGTEEGGEEEDDEEMDPQTIDSLIELSTKLHLPADDVVSHEEVEE	K	
ETD	*	5,6,7,8	6,7,8	gi|17136078	Neurosecretory protein VGF	946.4470	7	6618.0362	0.0420	184	8.60E-15	R	SQEETPGHRRKEAEGTEEGGEEEDDEEMDPQTIDSLIELSTKLHLPADDVVSHEEVEE	K	
CID				gi|17136078	Neurosecretory protein VGF	1117.3433	6	6698.0025	0.0136	168	7.80E-13	R	SQEETPGHRRKEAEGTEEGGEEEDDEEMDPQTIDSLIELSTKLHLPADDVVSHEEVEE	K	Phospho (ST)
CID				gi|17136078	Neurosecretory protein VGF	1032.4533	7	7220.1100	0.0121	68	0.00053	Q	EAAERESAREEEEAEGERRGGEERVGEEDEEAEAEAEAEAEEAERARQNALLFAEEEDGEAGAED	K	
CID	*	6,7,8	7,8	gi|17136078	Neurosecretory protein VGF	1254.0542	6	7518.2742	0.0073	171	4.80E-12	R	GLGEAAEERESAREEEEAEGERRGGEERVGEEDEEAEAEAEAEAEEAERARQNALLFAEEEDGEAGAED	K	
ETD	*	6,7,8	7,8	gi|17136078	Neurosecretory protein VGF	940.7962	8	7518.2742	0.0372	106	1.50E-05	R	GLGEAAEERESAREEEEAEGERRGGEERVGEEDEEAEAEAEAEAEEAERARQNALLFAEEEDGEAGAED	K	
CID				gi|17136078	Neurosecretory protein VGF	1137.9435	7	7958.5237	0.0298	110	6.60E-06	R	GLGGRGLGEAAEERESAREEEEAEGERRGGEERVGEEDEEAEAEAEAEAEEAERARQNALLFAEEEDGEAGAED	K	
CID				gi|17136078	Neurosecretory protein VGF	1236.5805	9	11120.1818	-0.0271	57	0.036	R	GAAAGEERLADLASDLLLQYLLQGGARGRGLGGRGLGEAAEERESAREEEEAEGERRGGEERVGEEDEEAEAEAEAEAEEAERARQNALLFAEEEDGEAGAED	K	Gln->pyro-Glu (N-term Q)
CID				gi|17136078	Neurosecretory protein VGF	771.3708	2	1540.7230	0.0041	59	0.016	R	QAEATRQAAAQEER	L	Gln->pyro-Glu (N-term Q)
CID				gi|17136078	Neurosecretory protein VGF	828.8779	2	1655.7387	0.0026	56	0.019	R	QGETAAAETETRTHT	L	Gln->pyro-Glu (N-term Q)
CID				gi|17136078	Neurosecretory protein VGF	663.3056	3	1986.8919	0.0031	84	3.60E-05	R	NSEPQDEGELFGDVDPRA	L	
ETD	*	2	3	gi|17136078	Neurosecretory protein VGF	673.6853	3	2018.0320	0.0021	70	0.0017	A	AAGEERLADLASDLLLQY	L	
CID	*	2	3	gi|17136078	Neurosecretory protein VGF	1010.0250	2	2018.0320	0.0035	67	0.0034	A	AAGEERLADLASDLLLQY	L	
ETD	*	3	3	gi|17136078	Neurosecretory protein VGF	681.3455	3	2041.0116	0.0032	104	7.00E-07	R	RLQEGEELENYIEHVL	L	
CID	*	3	3	gi|17136078	Neurosecretory protein VGF	681.3467	3	2041.0116	0.0068	107	3.60E-07	R	RLQEGEELENYIEHVL	L	
CID	*	3	3	gi|17136078	Neurosecretory protein VGF	747.3674	3	2239.0829	-0.0025	97	3.20E-06	R	QGETAAAETETRTHTLTRVN	L	Gln->pyro-Glu (N-term Q)
ETD	*	3	3	gi|17136078	Neurosecretory protein VGF	747.3677	3	2239.0829	-0.0018	98	2.60E-06	R	QGETAAAETETRTHTLTRVN	L	Gln->pyro-Glu (N-term Q)
CID				gi|17136078	Neurosecretory protein VGF	791.1098	3	2370.3019	0.0056	83	4.30E-05	R	LADLASDLLLQYLLQGGARGRG	L	
CID				gi|17136078	Neurosecretory protein VGF	1227.1229	2	2452.2193	0.0119	84	9.40E-05	R	QAEATRQAAAQEERLADLASDLL	L	Gln->pyro-Glu (N-term Q)
ETD				gi|17136078	Neurosecretory protein VGF	819.0766	3	2454.2027	0.0055	81	0.00015	R	NSEPQDEGELFGDVDPRALAAVL	L	
CID				gi|17136078	Neurosecretory protein VGF	923.1386	3	2766.3824	0.0115	81	0.00019	R	NSEPQDEGELFGDVDPRALAAVLLGA	L	
CID				gi|17136078	Neurosecretory protein VGF	990.8466	3	2969.5094	0.0088	117	4.70E-08	R	QAEATRQAAAQEERLADLASDLLLQYL	L	Gln->pyro-Glu (N-term Q)
ETD	*	3,4	4	gi|17136078	Neurosecretory protein VGF	764.6625	4	3054.6210	-0.0002	68	0.0027	A	AAGEERLADLASDLLLQYLLQGGARGRG	L	
CID	*	3,4	4	gi|17136078	Neurosecretory protein VGF	764.6644	4	3054.6210	0.0077	169	2.40E-13	A	AAGEERLADLASDLLLQYLLQGGARGRG	L	
ETD	*	4	4	gi|17136078	Neurosecretory protein VGF	796.8833	4	3183.4955	0.0084	135	5.10E-10	R	AGEEAEAEERRLQEGEELENYIEHVL	L	
CID	*	4	4	gi|17136078	Neurosecretory protein VGF	796.8845	4	3183.4955	0.0134	114	7.60E-08	R	AGEEAEAEERRLQEGEELENYIEHVL	L	
ETD				gi|17136078	Neurosecretory protein VGF	835.9073	4	3339.5966	0.0034	88	3.50E-05	R	RAGEEAEAEERRLQEGEELENYIEHVL	L	
ETD	*	3,4	4	gi|17136078	Neurosecretory protein VGF	836.8749	4	3343.4671	0.0035	167	1.20E-13	R	GGEERVGEEDEEAEAEAEAEAEERARQNAL	L	
CID	*	3,4	4	gi|17136078	Neurosecretory protein VGF	1115.4995	3	3343.4671	0.0095	176	1.50E-14	R	GGEERVGEEDEEAEAEAEAEAEERARQNAL	L	
CID	*	4	4	gi|17136078	Neurosecretory protein VGF	987.4137	4	3945.6202	0.0054	73	6.20E-05	R	SQEETPGHRRKEAEGTEEGGEEEDDEEMDPQTIDS	L	
ETD	*	4	4	gi|17136078	Neurosecretory protein VGF	987.4138	4	3945.6202	0.0059	48	0.017	R	SQEETPGHRRKEAEGTEEGGEEEDDEEMDPQTIDS	L	
CID				gi|17136078	Neurosecretory protein VGF	904.1958	5	4515.9365	0.0063	64	0.00099	R	EEEEAEQERRGGEERVGEEDEEAAEAEAEAEAEEARARQNA	L	
CID				gi|17136078	Neurosecretory protein VGF	827.5337	6	4959.1493	0.0093	76	9.00E-05	R	ESAREEEEAEQERRGGEERVGEEDEEAAEAEAEAEAEEARARQNA	L	
CID				gi|17136078	Neurosecretory protein VGF	846.3809	6	5072.2334	0.0084	122	2.80E-09	R	ESAREEEEAEQERRGGEERVGEEDEEAAEAEAEAEAEEARARQNAL	L	
ETD	*	5,6,7	6,7	gi|17136078	Neurosecretory protein VGF	849.9525	7	5942.6165	0.0001	99	5.10E-07	R	GLGEAAEERESAREEEEAEGERRGGEERVGEEDEEAAEAEAEAEAEEARARQNA	L	
CID	*	5,6,7	6,7	gi|17136078	Neurosecretory protein VGF	991.4449	6	5942.6165	0.0094	124	1.70E-09	R	GLGEAAEERESAREEEEAEGERRGGEERVGEEDEEAAEAEAEAEAEEARARQNA	L	
CID	*	5,6,7	6,7	gi|17136078	Neurosecretory protein VGF	1010.2915	6	6055.7006	0.0048	129	7.40E-10	R	GLGEAAEERESAREEEEAEGERRGGEERVGEEDEEAAEAEAEAEAEEARARQNAL	L	
ETD	*	5,6,7	6,7	gi|17136078	Neurosecretory protein VGF	1010.2923	6	6055.7006	0.0096	107	1.20E-07	R	GLGEAAEERESAREEEEAEGERRGGEERVGEEDEEAAEAEAEAEAEEARARQNAL	L	
ETD	*	6	6	gi|17136078	Neurosecretory protein VGF	1066.1955	6	6391.1191	0.0102	96	9.30E-06	R	SPGPPPPAPAPARDELPDWNEVLPPWDREEDEVYPPGPYHPFPNYIRPRTLQPPSA	L	
CID	*	6	6	gi|17136078	Neurosecretory protein VGF	1066.1960	6	6391.1191	0.0132	106	9.80E-07	R	SPGPPPPAPAPARDELPDWNEVLPPWDREEDEVYPPGPYHPFPNYIRPRTLQPPSA	L	
CID	*	3	3	gi|17136078	Neurosecretory protein VGF	709.3536	3	2125.0400	-0.0009	64	0.0066	R	QGETAAAETETRTHTLTRV	N	Gln->pyro-Glu (N-term Q)
ETD	*	3	3	gi|17136078	Neurosecretory protein VGF	709.3541	3	2125.0400	0.0004	80	0.00016	R	QGETAAAETETRTHTLTRV	N	Gln->pyro-Glu (N-term Q)
ETD	*	4	4	gi|17136078	Neurosecretory protein VGF	762.3337	4	3045.3030	0.0025	161	3.00E-13	R	GGEERVGEEDEEAAEAEAEAEAEERARQ	N	
CID	*	4	4	gi|17136078	Neurosecretory protein VGF	762.3345	4	3045.3030	0.0058	104	1.40E-07	R	GGEERVGEEDEEAAEAEAEAEAEERARQ	N	
ETD	*	5	6	gi|17136078	Neurosecretory protein VGF	685.5222	6	4107.0886	0.0007	60	0.027	A	APPGRPEAGPPPLSSEHKEPVAGDAVPGPKDGSAPEVRGAR	N	
CID	*	5	6	gi|17136078	Neurosecretory protein VGF	822.4255	5	4107.0886	0.0024	107	5.90E-07	A	APPGRPEAGPPPLSSEHKEPVAGDAVPGPKDGSAPEVRGAR	N	
ETD	*	4,5	4	gi|17136078	Neurosecretory protein VGF	1225.3377	4	4897.3089	0.0128	76	0.00057	R	SPGPPPPAPAPARDELPDWNEVLPPWDREEDEVYPPGPYHPFP	N	
CID	*	4,5	4	gi|17136078	Neurosecretory protein VGF	1225.3378	4	4897.3089	0.0132	110	2.10E-07	R	SPGPPPPAPAPARDELPDWNEVLPPWDREEDEVYPPGPYHPFP	N	
ETD	*	6	6	gi|17136078	Neurosecretory protein VGF	960.5999	6	5757.5365	0.0192	135	1.70E-08	R	GLGEAAEERESAREEEEAEGERRGGEERVGEEDEEAAEAEAEAEAEEARARQ	N	
CID	*	6	6	gi|17136078	Neurosecretory protein VGF	960.6000	6	5757.5365	0.0198	127	1.20E-07	R	GLGEAAEERESAREEEEAEGERRGGEERVGEEDEEAAEAEAEAEAEEARARQ	N	
CID				gi|17136078	Neurosecretory protein VGF	857.0906	3	2568.2416	0.0083	91	1.60E-05	R	QGETAAAETETRTHTLTRVNLES	P	Gln->pyro-Glu (N-term Q)
ETD	*	4,5	4	gi|17136078	Neurosecretory protein VGF	827.0874	4	3304.3181	0.0022	126	1.90E-10	R	SQEETPGHRRKEAEGTEEGGEEEDDEEMD	P	
CID	*	4,5	4	gi|17136078	Neurosecretory protein VGF	827.0879	4	3304.3181	0.0046	72	4.80E-05	R	SQEETPGHRRKEAEGTEEGGEEEDDEEMD	P	
CID	*	6	6	gi|17136078	Neurosecretory protein VGF	1023.6747	6	6135.9972	0.0073	91	2.70E-05	R	SPGPPPPAPAPARDELPDWNEVLPPWDREEDEVYPPGPYHPFPNYIRPRTLQP	P	
ETD	*	6	6	gi|17136078	Neurosecretory protein VGF	1023.6753	6	6135.9972	0.0109	106	1.00E-06	R	SPGPPPPAPAPARDELPDWNEVLPPWDREEDEVYPPGPYHPFPNYIRPRTLQP	P	
CID				gi|17136078	Neurosecretory protein VGF	585.6522	3	1753.9322	0.0025	64	0.0047	R	RPESALLGGSEAGERLL	Q	
CID		4,5		gi|17136078	Neurosecretory protein VGF	507.0039	4	2023.9877	-0.0013	63	0.0088	R	HYHHALPPSRHYPGREA	Q	
ETD	*	3	3	gi|17136078	Neurosecretory protein VGF	721.3209	3	2160.9406	0.0003	85	2.00E-05	R	GLGEAAEERESAREEEEAE	Q	
CID	*	3	3	gi|17136078	Neurosecretory protein VGF	721.3221	3	2160.9406	0.0040	96	1.50E-06	R	GLGEAAEERESAREEEEAE	Q	
ETD	*	2	3	gi|17136078	Neurosecretory protein VGF	856.7702	3	2567.2867	0.0021	76	0.00053	R	NSEPQDEGELFGDVDPRALAAVLL	Q	
CID	*	2	3	gi|17136078	Neurosecretory protein VGF	1284.6555	2	2567.2867	0.0097	70	0.0021	R	NSEPQDEGELFGDVDPRALAAVLL	Q	
CID				gi|17136078	Neurosecretory protein VGF	879.1186	3	2634.3343	-0.0003	100	2.10E-06	R	ASWGEFQARVPERAPLPPPAPSQF	Q	
ETD	*	4	4	gi|17136078	Neurosecretory protein VGF	730.3184	4	2917.2445	-0.0002	144	1.50E-11	R	GGEERVGEEDEEAAEAEAEAEAEERAR	Q	
CID	*	4	4	gi|17136078	Neurosecretory protein VGF	730.3194	4	2917.2445	0.0039	53	0.018	R	GGEERVGEEDEEAAEAEAEAEAEERAR	Q	
CID				gi|17136078	Neurosecretory protein VGF	845.6171	5	4223.0420	0.0070	80	0.00026	R	QGETAAAETETRTHTLTRVNLESPGPERVWRASWGEF	Q	Gln->pyro-Glu (N-term Q)
CID		6,7		gi|17136078	Neurosecretory protein VGF	939.2549	6	5629.4779	0.0078	159	6.50E-11	R	GLGEAAEERESAREEEEAEGERRGGEERVGEEDEEAAEAEAEAEAEEARAR	Q	
CID				gi|17136078	Neurosecretory protein VGF	868.1124	7	6069.7275	0.0084	72	0.00041	R	GLGGRGLGEAAEERESAREEEEAEGERRGGEERVGEEDEEAAEAEAEAEAEEARAR	Q	
CID				gi|17136078	Neurosecretory protein VGF	645.3033	2	1288.5895	0.0025	71	0.00086	R	GLGEAAEERESA	R	
CID				gi|17136078	Neurosecretory protein VGF	653.3149	2	1304.6149	0.0002	76	0.00034	A	SWGEFQARVPE	R	
CID				gi|17136078	Neurosecretory protein VGF	686.8397	2	1371.6630	0.0018	70	0.0013	R	RPESALLGGSEAGE	R	
ETD				gi|17136078	Neurosecretory protein VGF	503.2666	3	1505.7791	-0.0011	79	0.00018	D	AVPGPKDGSAPEVRGA	R	
CID				gi|17136078	Neurosecretory protein VGF	816.9444	2	1631.8784	-0.0041	61	0.012	P	PEPVPPPRAAPAPTHV	R	
CID				gi|17136078	Neurosecretory protein VGF	417.9581	4	1667.8069	-0.0036	71	0.001	R	HYHHALPPSRHYPG	R	
ETD				gi|17136078	Neurosecretory protein VGF	577.3175	3	1728.9311	-0.0004	54	0.054	A	PPEPVPPPRAAPAPTHV	R	
ETD	*	3	3	gi|17136078	Neurosecretory protein VGF	586.6251	3	1756.8519	0.0015	91	1.20E-05	Q	EQEELENYIEHVLL	R	
CID	*	3	3	gi|17136078	Neurosecretory protein VGF	586.6255	3	1756.8519	0.0028	60	0.013	Q	EQEELENYIEHVLL	R	
CID	*	3	3	gi|17136078	Neurosecretory protein VGF	596.3076	3	1785.9023	-0.0012	60	0.019	H	HALPPSRHYPGREAQA	R	
ETD	*	3	3	gi|17136078	Neurosecretory protein VGF	596.3082	3	1785.9023	0.0004	55	0.052	H	HALPPSRHYPGREAQA	R	
ETD				gi|17136078	Neurosecretory protein VGF	600.9969	3	1799.9682	0.0008	57	0.025	N	APPEPVPPPRAAPAPTHV	R	
ETD	*	2	3	gi|17136078	Neurosecretory protein VGF	601.3244	3	1800.9523	-0.0008	63	0.0065	R	VPERAPLPPPAPSQFQA	R	

CID	*	2	3	gi|171360 78	Neurosecretory protein VGF	901.4841	2	1800.9523	0.0015	83	6.30E-05	R	VPERAPLPPPAPSQFQA	R	
CID				gi|171360 78	Neurosecretory protein VGF	935.9438	2	1869.8705	0.0026	57	0.024	R	GQETAAAETETRTHTLT	R	Gln->pyro-Glu (N-term Q)
CID	*	2,3	3	gi|171360 78	Neurosecretory protein VGF	634.0281	3	1899.0618	0.0007	103	3.80E-07	E	ALAPLSKAYQGVAAPFPKA	R	
ETD	*	2,3	3	gi|171360 78	Neurosecretory protein VGF	634.0286	3	1899.0618	0.0023	75	0.00026	E	ALAPLSKAYQGVAAPFPKA	R	
CID				gi|171360 78	Neurosecretory protein VGF	958.0148	2	1914.0112	0.0040	69	0.0018	K	NAPPEPVPPPRAAPAPTHV	R	
ETD				gi|171360 78	Neurosecretory protein VGF	481.7457	4	1922.9612	-0.0074	87	3.50E-05	Y	HHALPPSRHYPGREAQA	R	
CID	*	4	3,4	gi|171360 78	Neurosecretory protein VGF	522.5122	4	2086.0245	-0.0047	76	0.00048	H	YHHALPPSRHYPGREAQA	R	
ETD	*	4	3,4	gi|171360 78	Neurosecretory protein VGF	522.5134	4	2086.0245	-0.0001	119	2.20E-08	H	YHHALPPSRHYPGREAQA	R	
ETD	*	3	3,4	gi|171360 78	Neurosecretory protein VGF	523.7787	4	2091.0861	-0.0004	121	1.40E-08	R	THTLTRVNLESPGPERVW	R	
CID	*	3	3,4	gi|171360 78	Neurosecretory protein VGF	698.0367	3	2091.0861	0.0022	80	0.00016	R	THTLTRVNLESPGPERVW	R	
ETD	*	2	3	gi|171360 78	Neurosecretory protein VGF	719.0397	3	2154.0956	0.0017	123	8.90E-09	R	RLQEQEELENYEHVLL	R	
CID	*	2	3	gi|171360 78	Neurosecretory protein VGF	1078.0593	2	2154.0956	0.0084	72	0.0012	R	RLQEQEELENYEHVLL	R	
CID				gi|171360 78	Neurosecretory protein VGF	1081.9920	2	2161.9633	0.0062	58	0.013	R	EEDEVYPGPYHPFPNYI	R	
ETD	*	2,3,4	3,4	gi|171360 78	Neurosecretory protein VGF	543.5571	4	2170.2011	-0.0016	82	6.30E-05	R	KKNAPPEPVPPPRAAPAPTHV	R	
CID	*	2,3,4	3,4	gi|171360 78	Neurosecretory protein VGF	1086.1104	2	2170.2011	0.0052	107	1.90E-07	R	KKNAPPEPVPPPRAAPAPTHV	R	
ETD	*	2,3,4	3,4,5	gi|171360 78	Neurosecretory protein VGF	556.7766	4	2223.0834	-0.0062	128	2.80E-09	R	HYHHALPPSRHYPGREAQA	R	
CID	*	2,3,4	3,4,5	gi|171360 78	Neurosecretory protein VGF	556.7782	4	2223.0834	0.0001	92	1.20E-05	R	HYHHALPPSRHYPGREAQA	R	
ETD				gi|171360 78	Neurosecretory protein VGF	584.3223	4	2333.2617	-0.0015	92	8.90E-06	R	TLQPPSALRRRHYHHALPPS	R	
ETD				gi|171360 78	Neurosecretory protein VGF	588.0661	4	2348.2349	0.0005	122	1.20E-08	E	TRTHTLTRVNLESPGPERVW	R	
CID		4,5		gi|171360 78	Neurosecretory protein VGF	595.8037	4	2379.1845	0.0011	72	0.0013	R	RHYHHALPPSRHYPGREAQA	R	
CID	*	2,3	3	gi|171360 78	Neurosecretory protein VGF	807.0221	3	2418.0418	0.0026	91	3.60E-06	R	GLQEAAEERESAREEEEAEQE	R	
ETD	*	2,3	3	gi|171360 78	Neurosecretory protein VGF	807.0228	3	2418.0418	0.0048	68	0.00078	R	GLQEAAEERESAREEEEAEQE	R	
ETD				gi|171360 78	Neurosecretory protein VGF	644.5432	4	2574.1429	0.0008	116	1.70E-08	R	GLQEAAEERESAREEEEAEQER	R	
CID				gi|171360 78	Neurosecretory protein VGF	866.8180	3	2597.4289	0.0032	98	1.40E-06	R	LAQLASDLLLQYLLQGGARQRGLQG	R	
CID				gi|171360 78	Neurosecretory protein VGF	896.4223	3	2686.2452	-0.0001	58	0.022	W	DREEDEVYPGPYHPFPNYIRP	R	
ETD	*	3	3	gi|171360 78	Neurosecretory protein VGF	921.3910	3	2761.1434	0.0079	93	1.10E-06	R	GQEERVGEEDEEAAEAEAEAEEAERA	R	
CID	*	3	3	gi|171360 78	Neurosecretory protein VGF	921.3912	3	2761.1434	0.0084	101	1.70E-07	R	GQEERVGEEDEEAAEAEAEAEEAERA	R	
ETD	*	4	4	gi|171360 78	Neurosecretory protein VGF	695.6085	4	2778.4049	0.0000	145	7.30E-11	A	AETETRTHTLTRVNLESPGPERVW	R	
CID	*	4	4	gi|171360 78	Neurosecretory protein VGF	695.6093	4	2778.4049	0.0032	68	0.0033	A	AETETRTHTLTRVNLESPGPERVW	R	
ETD	*	3	4	gi|171360 78	Neurosecretory protein VGF	709.3660	4	2833.4300	0.0050	97	4.30E-06	R	ASWGEFQARVPERAPLPPPAPSQFQA	R	
CID	*	3	4	gi|171360 78	Neurosecretory protein VGF	945.4870	3	2833.4300	0.0091	119	2.60E-08	R	ASWGEFQARVPERAPLPPPAPSQFQA	R	
CID				gi|171360 78	Neurosecretory protein VGF	948.1759	3	2841.4984	0.0075	98	2.60E-06	A	AAGEERLADLASDLLLQYLLQGGARQ	R	
ETD	*	3	4	gi|171360 78	Neurosecretory protein VGF	715.5801	4	2858.2914	-0.0001	127	1.90E-09	R	GLQGRGLQEAAEERESAREEEEAEQE	R	
CID	*	3	4	gi|171360 78	Neurosecretory protein VGF	953.7736	3	2858.2914	0.0077	133	5.80E-10	R	GLQGRGLQEAAEERESAREEEEAEQE	R	
CID				gi|171360 78	Neurosecretory protein VGF	971.8542	3	2912.5355	0.0053	78	0.00028	Q	AAAQEERLADLASDLLLQYLLQGGARQ	R	
ETD			4,5,6	gi|171360 78	Neurosecretory protein VGF	589.7169	5	2943.5593	-0.0112	97	3.50E-06	R	TLQPPSALRRRHYHHALPPSRHYPG	R	
CID	*	3	4	gi|171360 78	Neurosecretory protein VGF	983.8122	3	2948.4112	0.0038	138	3.50E-10	R	GQETAAAETETRTHTLTRVNLESPGPE	R	Gln->pyro-Glu (N-term Q)
ETD	*	3	4	gi|171360 78	Neurosecretory protein VGF	738.1111	4	2948.4112	0.0041	112	1.20E-07	R	GQETAAAETETRTHTLTRVNLESPGPE	R	Gln->pyro-Glu (N-term Q)
ETD				gi|171360 78	Neurosecretory protein VGF	741.6240	4	2962.4672	-0.0004	122	1.40E-08	E	AQPPPLSSEHKEPVAGDAVPGPKDGSAPEV	R	
CID				gi|171360 78	Neurosecretory protein VGF	999.1744	3	2994.4934	0.0078	118	3.50E-08	R	NSEPQDEGELFQGVDPRALAAVLLQALD	R	
ETD				gi|171360 78	Neurosecretory protein VGF	756.3895	4	3021.5268	0.0020	140	2.50E-10	E	TAAAETETRTHTLTRVNLESPGPERVW	R	
ETD	*	3,4	4	gi|171360 78	Neurosecretory protein VGF	756.9010	4	3023.5676	0.0073	98	3.20E-06	R	QAAAQEERLADLASDLLLQYLLQGGARQ	R	Gln->pyro-Glu (N-term Q)
CID	*	3,4	4	gi|171360 78	Neurosecretory protein VGF	756.9010	4	3023.5676	0.0075	171	1.80E-13	R	QAAAQEERLADLASDLLLQYLLQGGARQ	R	Gln->pyro-Glu (N-term Q)
CID				gi|171360 78	Neurosecretory protein VGF	1014.5400	3	3040.5941	0.0041	56	0.05	R	QAAAQEERLADLASDLLLQYLLQGGARQ	R	
ETD	*	3,4,5	4	gi|171360 78	Neurosecretory protein VGF	776.6017	4	3102.3721	0.0057	123	3.60E-09	R	GLQEAAEERESAREEEEAEQERRGGEE	R	
CID	*	3,4,5	4	gi|171360 78	Neurosecretory protein VGF	1035.1340	3	3102.3721	0.0081	93	3.20E-06	R	GLQEAAEERESAREEEEAEQERRGGEE	R	
CID	*	4	4	gi|171360 78	Neurosecretory protein VGF	786.6206	4	3142.4511	0.0024	61	0.012	R	QRGLQGRGLQEAAEERESAREEEEAEQE	R	
ETD	*	4	4	gi|171360 78	Neurosecretory protein VGF	786.6211	4	3142.4511	0.0041	95	4.00E-06	R	QRGLQGRGLQEAAEERESAREEEEAEQE	R	
ETD	*	3	4	gi|171360 78	Neurosecretory protein VGF	825.1534	4	3296.5796	0.0048	160	2.20E-12	R	AGEEAEAEERRLQEQEELENYEHVLL	R	
CID	*	3	4	gi|171360 78	Neurosecretory protein VGF	1099.8695	3	3296.5796	0.0071	112	1.50E-07	R	AGEEAEAEERRLQEQEELENYEHVLL	R	
CID	*	3,4	3,4	gi|171360 78	Neurosecretory protein VGF	848.4236	4	3389.6600	0.0052	153	1.30E-11	R	GQETAAAETETRTHTLTRVNLESPGPERVW	R	Gln->pyro-Glu (N-term Q)
ETD	*	3,4	3,4	gi|171360 78	Neurosecretory protein VGF	848.4237	4	3389.6600	0.0057	206	5.80E-17	R	GQETAAAETETRTHTLTRVNLESPGPERVW	R	Gln->pyro-Glu (N-term Q)
CID				gi|171360 78	Neurosecretory protein VGF	1132.9225	3	3395.7321	0.0136	184	1.10E-14	R	QAEATRQAAAQEERLADLASDLLLQYLLQGGA	R	Gln->pyro-Glu (N-term Q)
CID	*	3,4	4	gi|171360 78	Neurosecretory protein VGF	864.1781	4	3452.6807	0.0027	121	1.80E-08	R	RAQEEAEAEERRLQEQEELENYEHVLL	R	
ETD	*	3,4	4	gi|171360 78	Neurosecretory protein VGF	864.1784	4	3452.6807	0.0036	83	0.00014	R	RAQEEAEAEERRLQEQEELENYEHVLL	R	
CID	*	3,4	4	gi|171360 78	Neurosecretory protein VGF	866.9614	4	3463.8171	-0.0008	178	3.70E-14	R	QAAAQEERLADLASDLLLQYLLQGGARQRGLQG	R	Gln->pyro-Glu (N-term Q)
ETD	*	3,4	4	gi|171360 78	Neurosecretory protein VGF	866.9626	4	3463.8171	0.0040	86	5.20E-05	R	QAAAQEERLADLASDLLLQYLLQGGARQRGLQG	R	Gln->pyro-Glu (N-term Q)
ETD				gi|171360 78	Neurosecretory protein VGF	700.7572	5	3498.7379	0.0118	98	3.80E-06	P	PGRPEAQPPPLSSEHKEPVAGDAVPGPKDGSAPEV	R	
ETD	*	5	4,5,6	gi|171360 78	Neurosecretory protein VGF	700.7739	5	3498.8358	-0.0026	149	2.70E-11	R	TLQPPSALRRRHYHHALPPSRHYPGREAQA	R	
CID	*	5	4,5,6	gi|171360 78	Neurosecretory protein VGF	700.7750	5	3498.8358	0.0029	109	2.70E-07	R	TLQPPSALRRRHYHHALPPSRHYPGREAQA	R	
ETD			5,6	gi|171360 78	Neurosecretory protein VGF	705.3408	5	3521.6685	-0.0008	171	1.50E-13	R	HYHHALPPSRHYPGREAQARRAGEEAEAEE	R	
CID				gi|171360 78	Neurosecretory protein VGF	887.9692	4	3547.8455	0.0024	94	8.80E-06	R	RPESALLQGSEAGERLLQGQLAGVEAGRRQAEAT	R	
ETD	*	3	4,5	gi|171360 78	Neurosecretory protein VGF	734.3732	5	3666.8278	0.0021	137	5.20E-10	A	APPGRPEAQPPPLSSEHKEPVAGDAVPGPKDGSAPEV	R	
CID	*	3	4,5	gi|171360 78	Neurosecretory protein VGF	1223.2861	3	3666.8278	0.0087	99	3.50E-06	A	APPGRPEAQPPPLSSEHKEPVAGDAVPGPKDGSAPEV	R	
CID	*	3,4	4	gi|171360 78	Neurosecretory protein VGF	1227.6402	3	3679.8917	0.0070	177	5.10E-14	R	QAEATRQAAAQEERLADLASDLLLQYLLQGGARQ	R	Gln->pyro-Glu (N-term Q)
ETD	*	3,4	4	gi|171360 78	Neurosecretory protein VGF	920.9820	4	3679.8917	0.0073	96	5.90E-06	R	QAEATRQAAAQEERLADLASDLLLQYLLQGGARQ	R	Gln->pyro-Glu (N-term Q)
ETD				gi|171360 78	Neurosecretory protein VGF	745.9628	5	3724.7748	0.0027	100	2.30E-06	L	LQGGARQRGLGGRGLQEAAEERESAREEEEAEQE	R	
ETD				gi|171360 78	Neurosecretory protein VGF	937.7069	4	3746.7941	0.0046	91	2.30E-05	A	APPGRPEAQPPPLSSEHKEPVAGDAVPGPKDGSAPEV	R	Phospho (ST)
ETD				gi|171360 78	Neurosecretory protein VGF	780.4094	5	3897.0007	0.0097	70	0.0026	R	ALAAVLLQALDRPASPPAPSGSQGQPEEEAAEALLTETV	R	
CID	*	4,5,6	4,5,6	gi|171360 78	Neurosecretory protein VGF	988.7556	4	3950.9875	0.0060	166	8.20E-13	A	APPGRPEAQPPPLSSEHKEPVAGDAVPGPKDGSAPEVRGA	R	
ETD	*	4,5,6	4,5,6	gi|171360 78	Neurosecretory protein VGF	791.2062	5	3950.9875	0.0070	257	6.00E-22	A	APPGRPEAQPPPLSSEHKEPVAGDAVPGPKDGSAPEVRGA	R	
ETD	*	5	5	gi|171360 78	Neurosecretory protein VGF	801.1913	5	4000.9222	-0.0019	111	1.90E-07	Q	YLLQGGARQRGLGGRGLQEAAEERESAREEEEAEQE	R	
CID	*	5	5	gi|171360 78	Neurosecretory protein VGF	801.1918	5	4000.9222	0.0003	78	0.00036	Q	YLLQGGARQRGLGGRGLQEAAEERESAREEEEAEQE	R	
ETD				gi|171360 78	Neurosecretory protein VGF	807.1966	5	4030.9538	0.0073	115	9.20E-08	A	APPGRPEAQPPPLSSEHKEPVAGDAVPGPKDGSAPEVRGA	R	Phospho (ST)
CID	*	4,5	4,5	gi|171360 78	Neurosecretory protein VGF	1031.0431	4	4120.1413	0.0020	161	2.00E-12	R	QAEATRQAAAQEERLADLASDLLLQYLLQGGARQRGLQG	R	Gln->pyro-Glu (N-term Q)
ETD	*	4,5	4,5	gi|171360 78	Neurosecretory protein VGF	825.0363	5	4120.1413	0.0038	132	1.50E-09	R	QAEATRQAAAQEERLADLASDLLLQYLLQGGARQRGLQG	R	Gln->pyro-Glu (N-term Q)
CID				gi|171360 78	Neurosecretory protein VGF	1038.5488	4	4150.1546	0.0115	90	2.50E-05	D	PRALAAVLLQALDRPASPPAPSGSQGQPEEEAAEALLTETV	R	
CID				gi|171360 78	Neurosecretory protein VGF	1070.2557	4	4276.9807	0.0130	84	6.30E-05	R	DELPQWNEVLPPWDREEDEVYPPGPYHPFPNYIRP	R	
CID	*	5	4,5	gi|171360 78	Neurosecretory protein VGF	885.4343	5	4422.1377	-0.0028	98	4.50E-06	R	GQETAAAETETRTHTLTRVNLESPGPERVWRASWGEFQA	R	Gln->pyro-Glu (N-term Q)
ETD	*	5	4,5	gi|171360 78	Neurosecretory protein VGF	885.4364	5	4422.1377	0.0079	151	2.20E-11	R	GQETAAAETETRTHTLTRVNLESPGPERVWRASWGEFQA	R	Gln->pyro-Glu (N-term Q)

ETD	*	5,6,7	6	gi|171360 78	Neurosecretory protein VGF	770.0677	6	4614.3581	0.0045	196	7.00E-16	R	MPDSGPLPETHKFGEGVSSPKTHLGEALAPLSKAYQGVAAPFPKA	R	
CID	*	5,6,7	6	gi|171360 78	Neurosecretory protein VGF	923.8827	5	4614.3581	0.0193	191	2.30E-15	R	MPDSGPLPETHKFGEGVSSPKTHLGEALAPLSKAYQGVAAPFPKA	R	
ETD				gi|171360 78	Neurosecretory protein VGF	800.5773	6	4797.4208	-0.0006	107	7.00E-07	R	TLQPPSALRRHYHHALPPSRHIYGREAQARRAGEEAEAEE	R	
CID				gi|171360 78	Neurosecretory protein VGF	979.1094	5	4890.4972	0.0134	85	9.70E-05	R	QAAAGEERLADLASDLLLQYLLQGGARQRGLGGRGLQEAAERESA	R	Gln->pyro-Glu (N-term Q)
ETD	*	5,6	6	gi|171360 78	Neurosecretory protein VGF	818.2423	6	4903.4026	0.0075	121	2.40E-08	R	QGETAAAETERTRHTLTRVNLESPGPERVVWRASWGEFQARVPE	R	Gln->pyro-Glu (N-term Q)
CID	*	5,6	6	gi|171360 78	Neurosecretory protein VGF	981.6898	5	4903.4026	0.0098	95	1.00E-05	R	QGETAAAETERTRHTLTRVNLESPGPERVVWRASWGEFQARVPE	R	Gln->pyro-Glu (N-term Q)
CID		4,5		gi|171360 78	Neurosecretory protein VGF	987.8369	5	4934.1357	0.0123	149	4.30E-12	R	QGEERVQEEDEEAAEAEAEAEEARARQNALLFAEEEDGEAGAEQK	R	
CID				gi|171360 78	Neurosecretory protein VGF	1272.6088	4	5086.3878	0.0182	78	0.00034	P	QPPPPAPAPARDELPDWNEVLPPWDREEDEVYPPGPYHPFPNYI	R	Gln->pyro-Glu (N-term Q)
CID	*	5	5	gi|171360 78	Neurosecretory protein VGF	1021.7314	5	5103.6085	0.0121	127	7.30E-09	R	QAEATRQAAAQEERLADLASDLLLQYLLQGGARQRGLGGRGLQEAAEE	R	Gln->pyro-Glu (N-term Q)
ETD	*	5	5	gi|171360 78	Neurosecretory protein VGF	1021.7319	5	5103.6085	0.0146	140	3.40E-10	R	QAEATRQAAAQEERLADLASDLLLQYLLQGGARQRGLGGRGLQEAAEE	R	Gln->pyro-Glu (N-term Q)
CID		5,6		gi|171360 78	Neurosecretory protein VGF	1050.2581	5	5246.2386	0.0155	99	2.80E-07	R	GLQEAAEERESAREEEEAEGERRGGEERVGEEDEEAAEEAEAEAEEAE	R	
CID	*	5,6	5	gi|171360 78	Neurosecretory protein VGF	1058.5106	5	5287.4992	0.0174	119	3.00E-08	R	SPGPPPPAPAPARDELPDWNEVLPPWDREEDEVYPPGPYHPFPNYI	R	
ETD	*	5,6	5	gi|171360 78	Neurosecretory protein VGF	1058.5107	5	5287.4992	0.0179	197	4.80E-16	R	SPGPPPPAPAPARDELPDWNEVLPPWDREEDEVYPPGPYHPFPNYI	R	
CID	*	5,6	6	gi|171360 78	Neurosecretory protein VGF	1095.6843	5	5473.3768	0.0083	76	7.00E-05	R	GLQEAAEERESAREEEEAEGERRGGEERVGEEDEEAAEAEAEAEEAERA	R	
ETD	*	5,6	6	gi|171360 78	Neurosecretory protein VGF	913.2388	6	5473.3768	0.0126	154	1.20E-12	R	GLQEAAEERESAREEEEAEGERRGGEERVGEEDEEAAEAEAEAEEAERA	R	
CID	*	5,6,7	5,6	gi|171360 78	Neurosecretory protein VGF	1109.1404	5	5540.6530	0.0126	136	7.40E-10	R	SPGPPPPAPAPARDELPDWNEVLPPWDREEDEVYPPGPYHPFPNYIRP	R	
ETD	*	5,6,7	5,6	gi|171360 78	Neurosecretory protein VGF	1109.1409	5	5540.6530	0.0151	112	2.00E-07	R	SPGPPPPAPAPARDELPDWNEVLPPWDREEDEVYPPGPYHPFPNYIRP	R	
ETD	*	6	6	gi|171360 78	Neurosecretory protein VGF	925.4790	6	5546.8213	0.0089	74	0.0014	R	QAEATRQAAAQEERLADLASDLLLQYLLQGGARQRGLGGRGLQEAAERESA	R	Gln->pyro-Glu (N-term Q)
CID	*	6	6	gi|171360 78	Neurosecretory protein VGF	925.4798	6	5546.8213	0.0139	146	8.90E-11	R	QAEATRQAAAQEERLADLASDLLLQYLLQGGARQRGLGGRGLQEAAERESA	R	Gln->pyro-Glu (N-term Q)
CID	*	5,6	5	gi|171360 78	Neurosecretory protein VGF	966.8177	6	5794.8449	0.0174	104	1.40E-06	R	NSEPQDEGELFGGVDPRALAAVLLQALDRPASPPAPSGSGQGPEEEAAEALLTETV	R	
ETD	*	5,6	5	gi|171360 78	Neurosecretory protein VGF	1159.9799	5	5794.8449	0.0182	72	0.0025	R	NSEPQDEGELFGGVDPRALAAVLLQALDRPASPPAPSGSGQGPEEEAAEALLTETV	R	
CID		5,6,7		gi|171360 78	Neurosecretory protein VGF	1204.9997	5	6019.9495	0.0126	121	3.10E-08	R	QAAAGEERLADLASDLLLQYLLQGGARQRGLGGRGLQEAAERESAREEEEAEGE	R	Gln->pyro-Glu (N-term Q)
CID		5,6		gi|171360 78	Neurosecretory protein VGF	1238.6100	5	6187.9922	0.0215	118	5.20E-08	R	AAPAPTHVRSPGPPPPAPAPARDELPDWNEVLPPWDREEDEVYPPGPYHPFPNYI	R	
CID				**gi|171360 78**	**Neurosecretory protein VGF**	**1085.0423**	**6**	**6504.2032**	**0.0069**	**80**	**0.00043**	**R**	**SPGPPPPAPAPARDELPDWNEVLPPWDREEDEVYPPGPYHPFPNYIRPRTLQPPSAL**	**R**	
CID	*	6,7,8	7,8	gi|171360 78	Neurosecretory protein VGF	1093.2424	6	6553.4009	0.0099	195	1.20E-15	R	VPERAPLPPPAPSGFQARMPDSGPLPETHKFGEGVSSPKTHLGEALAPLSKAYQGVAAPFPKA	R	
ETD	*	6,7,8	7,8	gi|171360 78	Neurosecretory protein VGF	820.1837	8	6553.4009	0.0108	164	1.30E-12	R	VPERAPLPPPAPSGFQARMPDSGPLPETHKFGEGVSSPKTHLGEALAPLSKAYQGVAAPFPKA	R	
ETD	*	6,7,8	7	gi|171360 78	Neurosecretory protein VGF	954.7618	7	6676.2737	0.0084	106	1.10E-06	R	QAEATRQAAAQEERLADLASDLLLQYLLQGGARQRGLGGRGLQEAAERESAREEEEAEGE	R	Gln->pyro-Glu (N-term Q)
CID	*	6,7,8	7	gi|171360 78	Neurosecretory protein VGF	1113.7217	6	6676.2737	0.0129	136	1.00E-09	R	QAEATRQAAAQEERLADLASDLLLQYLLQGGARQRGLGGRGLQEAAERESAREEEEAEGE	R	Gln->pyro-Glu (N-term Q)
CID				gi|171360 78	Neurosecretory protein VGF	1125.3635	6	6746.1312	0.0062	95	4.80E-06	R	SQEETPGHRRKEAEGTEEGGEEEDDEEMDPQTIDSLIELSTKLHLPADDVVSIEEVEEK	R	
CID	*	5,6	7	gi|171360 78	Neurosecretory protein VGF	1468.9234	5	7339.6009	-0.0203	83	0.00019	K	NAPPEPVPPPRAAPAPTHVRSPGPPPPAPAPARDELPDWNEVLPPWDREEDEVYPPGPYHPFPNYI	R	
ETD	*	5,6	7	gi|171360 78	Neurosecretory protein VGF	1049.5235	7	7339.6009	0.0127	65	0.013	K	NAPPEPVPPPRAAPAPTHVRSPGPPPPAPAPARDELPDWNEVLPPWDREEDEVYPPGPYHPFPNYI	R	
CID		7,8		gi|171360 78	Neurosecretory protein VGF	1084.7063	7	7585.8786	0.0146	217	9.70E-18	R	ASWGEFQARVPERAPLPPPAPSGFQARMPDSGPLPETHKFGEGVSSPKTHLGEALAPLSKAYQGVAAPFPKA	R	
CID	*	6,7,8	6	gi|171360 78	Neurosecretory protein VGF	1266.4689	6	7592.7548	0.0150	123	2.50E-08	K	NAPPEPVPPPRAAPAPTHVRSPGPPPPAPAPARDELPDWNEVLPPWDREEDEVYPPGPYHPFPNYIRP	R	
ETD	*	6,7,8	6	gi|171360 78	Neurosecretory protein VGF	1266.4690	6	7592.7548	0.0156	72	0.0033	K	NAPPEPVPPPRAAPAPTHVRSPGPPPPAPAPARDELPDWNEVLPPWDREEDEVYPPGPYHPFPNYIRP	R	
CID				gi|171360 78	Neurosecretory protein VGF	1093.3517	7	7646.3691	0.0348	104	2.30E-05	R	GLQEAAEERESAREEEEAEGERRGGEERVGEEDEEAAEAEAEAEEAERARQNALLFAEEEDGEAGAEDK	R	
CID				**gi|171360 78**	**Neurosecretory protein VGF**	**982.1263**	**8**	**7648.9447**	**0.0071**	**75**	**0.0015**	**R**	**KKNAPPEPVPPPRAAPAPTHVRSPGPPPPAPAPARDELPDWNEVLPPWDREEDEVYPPGPYHPFPNYIRP**	**R**	
CID		7,8		gi|171360 78	Neurosecretory protein VGF	1223.3390	7	8556.3049	0.0172	102	3.40E-06	K	NAPPEPVPPPRAAPAPTHVRSPGPPPPAPAPARDELPDWNEVLPPWDREEDEVYPPGPYHPFPNYIRPRTLQPPSAL	R	
CID				gi|171360 78	Neurosecretory protein VGF	1168.3378	8	9338.6189	0.0253	104	2.10E-06	R	SQEETPGHRRKEAEGTEEGGEEEDDEEMDPQTIDSLIELSTKLHLPADDVVSIEEVEEKRKRKKNAPPEPVPPPRAAPAPTHV	R	
CID				gi|171360 78	Neurosecretory protein VGF	688.3843	2	1374.7507	0.0034	68	0.0014	E	ALASLLQELRDF	S	
ETD				gi|171360 78	Neurosecretory protein VGF	518.5350	4	2070.1123	-0.0013	59	0.015	K	NAPPEPVPPPRAAPAPTHVR	S	
CID				gi|171360 78	Neurosecretory protein VGF	767.7330	3	2300.1736	0.0036	110	2.20E-07	R	VPERAPLPPPAPSGFQARMPD	S	
ETD	*	2	3	gi|171360 78	Neurosecretory protein VGF	777.7301	3	2330.1641	0.0044	76	0.00047	D	PSEELEALASLLQELRDFSPS	S	
CID	*	2	3	gi|171360 78	Neurosecretory protein VGF	1166.0934	2	2330.1641	0.0081	90	2.00E-05	D	PSEELEALASLLQELRDFSPS	S	
CID	*	3	3	gi|171360 78	Neurosecretory protein VGF	828.0782	3	2481.2095	0.0031	104	8.10E-07	R	QGETAAAETERTRHTLTRVNLE	S	Gln->pyro-Glu (N-term Q)
ETD	*	3	3	gi|171360 78	Neurosecretory protein VGF	828.0783	3	2481.2095	0.0036	87	3.80E-05	R	QGETAAAETERTRHTLTRVNLE	S	Gln->pyro-Glu (N-term Q)
CID				gi|171360 78	Neurosecretory protein VGF	997.1505	3	2988.4213	0.0084	95	6.40E-06	R	SQTHSLPAPESPEPAAPPRPQTPENGPEA	S	
ETD				gi|171360 78	Neurosecretory protein VGF	637.7249	5	3183.5949	-0.0068	61	0.019	A	APPGRPEAGPPPLSSEHKEPVAGDAVPGPKDG	S	
ETD				**gi|171360 78**	**Neurosecretory protein VGF**	**772.7259**	**5**	**3858.5882**	**0.0051**	**158**	**1.80E-13**	**R**	**SQEETPGHRRKEAEGTEEGGEEEDDEEMDPQTID**	**S**	
CID				gi|171360 78	Neurosecretory protein VGF	1104.4889	4	4413.9150	0.0115	116	9.70E-09	R	SQEETPGHRRKEAEGTEEGGEEEDDEEMDPQTIDSLIEL	S	
CID				gi|171360 78	Neurosecretory protein VGF	1281.8376	5	6404.1432	0.0084	135	1.20E-09	R	NSEPQDEGELFGGVDPRALAAVLLQALDRPASPPAPSGSGQGPEEEAAEALLTETVRSQTH	S	
CID				gi|171360 78	Neurosecretory protein VGF	778.3537	2	1554.6910	0.0019	64	0.0034	R	QGETAAAETERTRH	T	Gln->pyro-Glu (N-term Q)
CID				gi|171360 78	Neurosecretory protein VGF	885.4180	2	1768.8228	-0.0013	57	0.022	R	QGETAAAETERTRHTL	T	Gln->pyro-Glu (N-term Q)
CID	*	4	4	gi|171360 78	Neurosecretory protein VGF	452.7396	4	1806.9318	-0.0023	77	0.00032	Y	PPGPYHPFPNYIRPR	T	
ETD	*	4	4	gi|171360 78	Neurosecretory protein VGF	452.7420	4	1806.9318	0.0069	55	0.053	Y	PPGPYHPFPNYIRPR	T	
ETD				gi|171360 78	Neurosecretory protein VGF	550.0203	4	2196.0521	-0.0002	111	1.30E-07	R	MPDSGPLPETHKFGEGVSSPK	T	
ETD				gi|171360 78	Neurosecretory protein VGF	550.5340	4	2198.1061	0.0010	57	0.04	D	EVYPPGPYHPFPNYIRPR	T	
ETD	*	4	4	gi|171360 78	Neurosecretory protein VGF	643.8121	4	2571.2182	0.0011	68	0.0025	R	EEDEVYPPGPYHPFPNYIRPR	T	
CID	*	4	4	gi|171360 78	Neurosecretory protein VGF	643.8127	4	2571.2182	0.0035	65	0.0048	R	EEDEVYPPGPYHPFPNYIRPR	T	
ETD	*	4	4,5	gi|171360 78	Neurosecretory protein VGF	569.4764	5	2842.3463	-0.0006	109	2.30E-07	W	DREEDEVYPPGPYHPFPNYIRPR	T	
CID	*	**4**	**4,5**	**gi|171360 78**	**Neurosecretory protein VGF**	**711.5950**	**4**	**2842.3463**	**0.0045**	**78**	**0.00027**	**W**	**DREEDEVYPPGPYHPFPNYIRPR**	**T**	
CID				gi|171360 78	Neurosecretory protein VGF	1233.3057	3	3696.8846	0.0107	65	0.0078	R	ALAAVLLQALDRPASPPAPSGSGQGPEEEAAEALLTE	T	
CID				gi|171360 78	Neurosecretory protein VGF	773.7786	5	3863.8485	0.0080	68	0.0036	D	WNEVLPPWDREEDEVYPPGPYHPFPNYIRPR	T	
CID				gi|171360 78	Neurosecretory protein VGF	918.8455	5	4589.1829	0.0081	60	0.024	A	RDELPDWNEVLPPWDREEDEVYPPGPYHPFPNYIRPR	T	
CID				gi|171360 78	Neurosecretory protein VGF	1100.1383	5	5495.6428	0.0123	91	2.10E-05	P	QPPPPAPAPARDELPDWNEVLPPWDREEDEVYPPGPYHPFPNYIRPR	T	Gln->pyro-Glu (N-term Q)
CID	*	5,6,7,8	5,6,7	gi|171360 78	Neurosecretory protein VGF	1140.3604	5	5696.7541	0.0115	131	2.30E-09	R	SPGPPPPAPAPARDELPDWNEVLPPWDREEDEVYPPGPYHPFPNYIRPR	T	
ETD	*	5,6,7,8	5,6,7	gi|171360 78	Neurosecretory protein VGF	950.4717	6	5696.7541	0.0325	204	2.00E-16	R	SPGPPPPAPAPARDELPDWNEVLPPWDREEDEVYPPGPYHPFPNYIRPR	T	
CID				gi|171360 78	Neurosecretory protein VGF	1100.5502	6	6597.2471	0.0104	68	0.0071	R	AAPAPTHVRSPGPPPPAPAPARDELPDWNEVLPPWDREEDEVYPPGPYHPFPNYIRPR	T	
CID	*	6,7,8	7,8,9,10,11	gi|171360 78	Neurosecretory protein VGF	1292.4860	6	7748.8559	0.0165	94	2.20E-05	K	NAPPEPVPPPRAAPAPTHVRSPGPPPPAPAPARDELPDWNEVLPPWDREEDEVYPPGPYHPFPNYIRPR	T	
ETD	*	6,7,8	7,8,9,10,11	gi|171360 78	Neurosecretory protein VGF	775.8950	10	7748.8559	0.0210	108	8.50E-07	K	NAPPEPVPPPRAAPAPTHVRSPGPPPPAPAPARDELPDWNEVLPPWDREEDEVYPPGPYHPFPNYIRPR	T	
CID				gi|171360 78	Neurosecretory protein VGF	1001.6399	8	8005.0458	0.0152	122	3.10E-08	R	KKNAPPEPVPPPRAAPAPTHVRSPGPPPPAPAPARDELPDWNEVLPPWDREEDEVYPPGPYHPFPNYIRPR	T	
CID				gi|171360 78	Neurosecretory protein VGF	775.4122	2	1548.8035	0.0064	69	0.0018	K	LHLPADDVVSIEE	V	
ETD				gi|171360 78	Neurosecretory protein VGF	622.6670	3	1864.9782	0.0009	74	0.00059	L	STKLHLPADDVVSIEE	V	
CID				gi|171360 78	Neurosecretory protein VGF	794.0931	3	2379.2506	0.0068	56	0.045	R	RPESALLQGSEAGERLLQGQLAQ	V	
CID				gi|171360 78	Neurosecretory protein VGF	743.8453	4	2971.3430	0.0089	65	0.0036	R	AQEEAEAEERRLQEQELENYIEH	V	
CID	*	4	4	gi|171360 78	Neurosecretory protein VGF	777.1353	4	3104.5123	-0.0001	78	0.0004	R	QGETAAAETERTRHTLTRVNLESPGPER	V	Gln->pyro-Glu (N-term Q)
ETD	*	4	4	gi|171360 78	Neurosecretory protein VGF	777.1356	4	3104.5123	0.0009	69	0.0029	R	QGETAAAETERTRHTLTRVNLESPGPER	V	Gln->pyro-Glu (N-term Q)
ETD			4,5	gi|171360 78	Neurosecretory protein VGF	714.5589	5	3567.7594	-0.0010	144	1.10E-10	A	APPGRPEAGPPPLSSEHKEPVAGDAVPGPKDGSAPE	V	
CID				gi|171360 78	Neurosecretory protein VGF	1266.9896	3	3797.9323	0.0147	62	0.016	R	ALAAVLLQALDRPASPPAPSGSGQGPEEEAAEALLTET	V	
CID	*	4	4	gi|171360 78	Neurosecretory protein VGF	801.9006	4	3203.5807	-0.0072	98	3.90E-06	R	QGETAAAETERTRHTLTRVNLESPGPERV	W	Gln->pyro-Glu (N-term Q)
ETD	*	4	4	gi|171360 78	Neurosecretory protein VGF	801.9026	4	3203.5807	0.0007	130	2.30E-09	R	QGETAAAETERTRHTLTRVNLESPGPERV	W	Gln->pyro-Glu (N-term Q)

CID	*	5	5	gi|17136078	Neurosecretory protein VGF	781.6117	5	3903.0180	0.0042	58	0.046	K	NAPPEPVPPPRAAPAPTHVRSPQPPPPAPAPARDELPD	W	
ETD	*	5	5	gi|17136078	Neurosecretory protein VGF	781.6122	5	3903.0180	0.0064	75	0.00089	K	NAPPEPVPPPRAAPAPTHVRSPQPPPPAPAPARDELPD	W	
ETD	*	3	3	gi|17136078	Neurosecretory protein VGF	680.0210	3	2037.0378	0.0034	76	0.00051	R	QAAAQEERLADLASDLLLQ	Y	Gln->pyro-Glu (N-term Q)
CID	*	3	3	gi|17136078	Neurosecretory protein VGF	680.0211	3	2037.0378	0.0038	67	0.0037	R	QAAAQEERLADLASDLLLQ	Y	Gln->pyro-Glu (N-term Q)
CID				gi|17136078	Neurosecretory protein VGF	898.7985	3	2693.3620	0.0118	95	7.30E-06	R	QAEATRQAAAQEERLADLASDLLLQ	Y	Gln->pyro-Glu (N-term Q)
CID				gi|17136078	Neurosecretory protein VGF	1253.8475	4	5011.3518	0.0091	74	0.00076	R	SPQPPPPAPAPARDELPDWNEVLPPWDREEDEVYPPGPYHPFPN	Y	